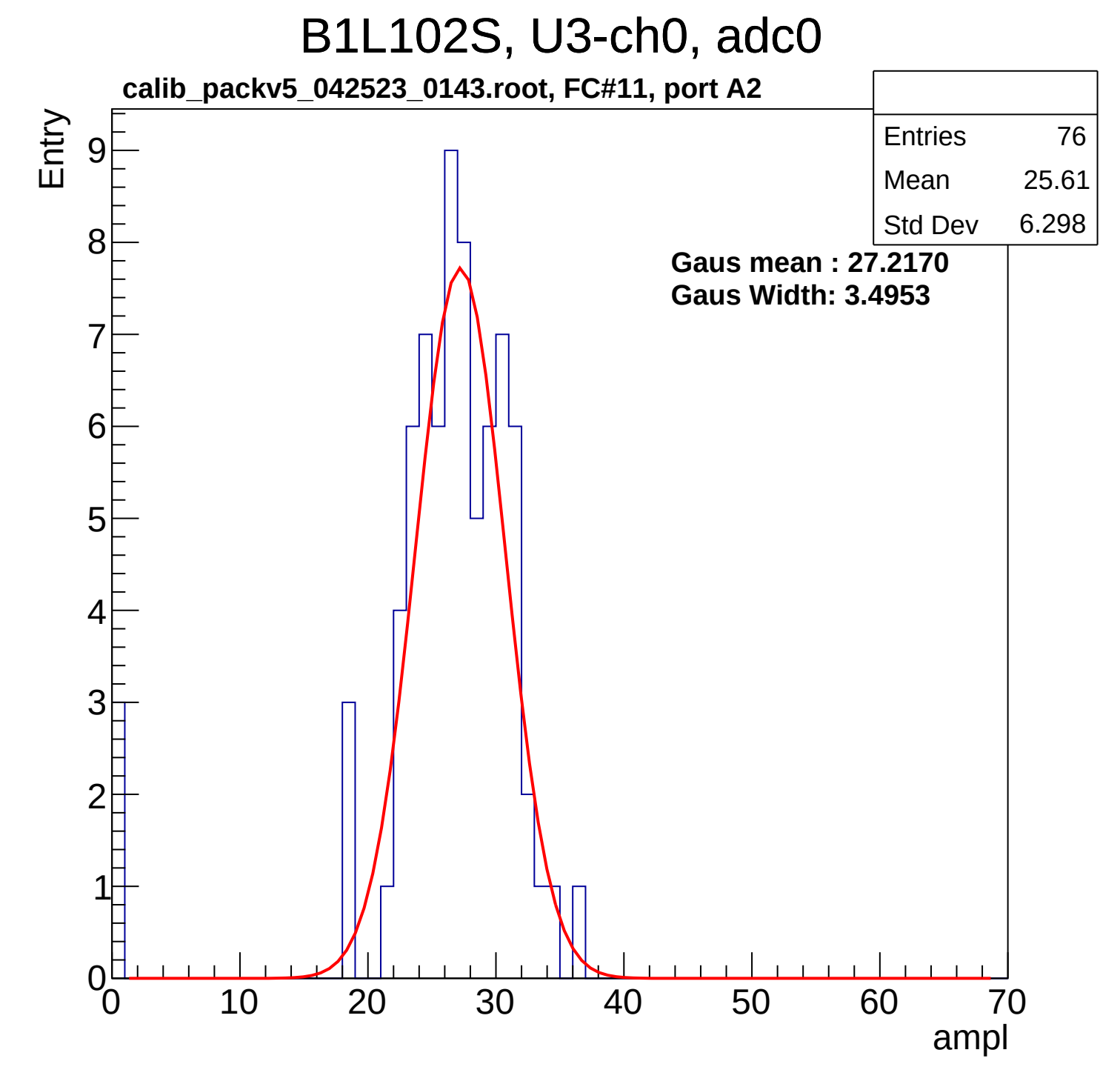
B1L102S, U3-ch0, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 25.61
Std Dev 6.298
Gaus mean : 27.2170
Gaus Width: 3.4953
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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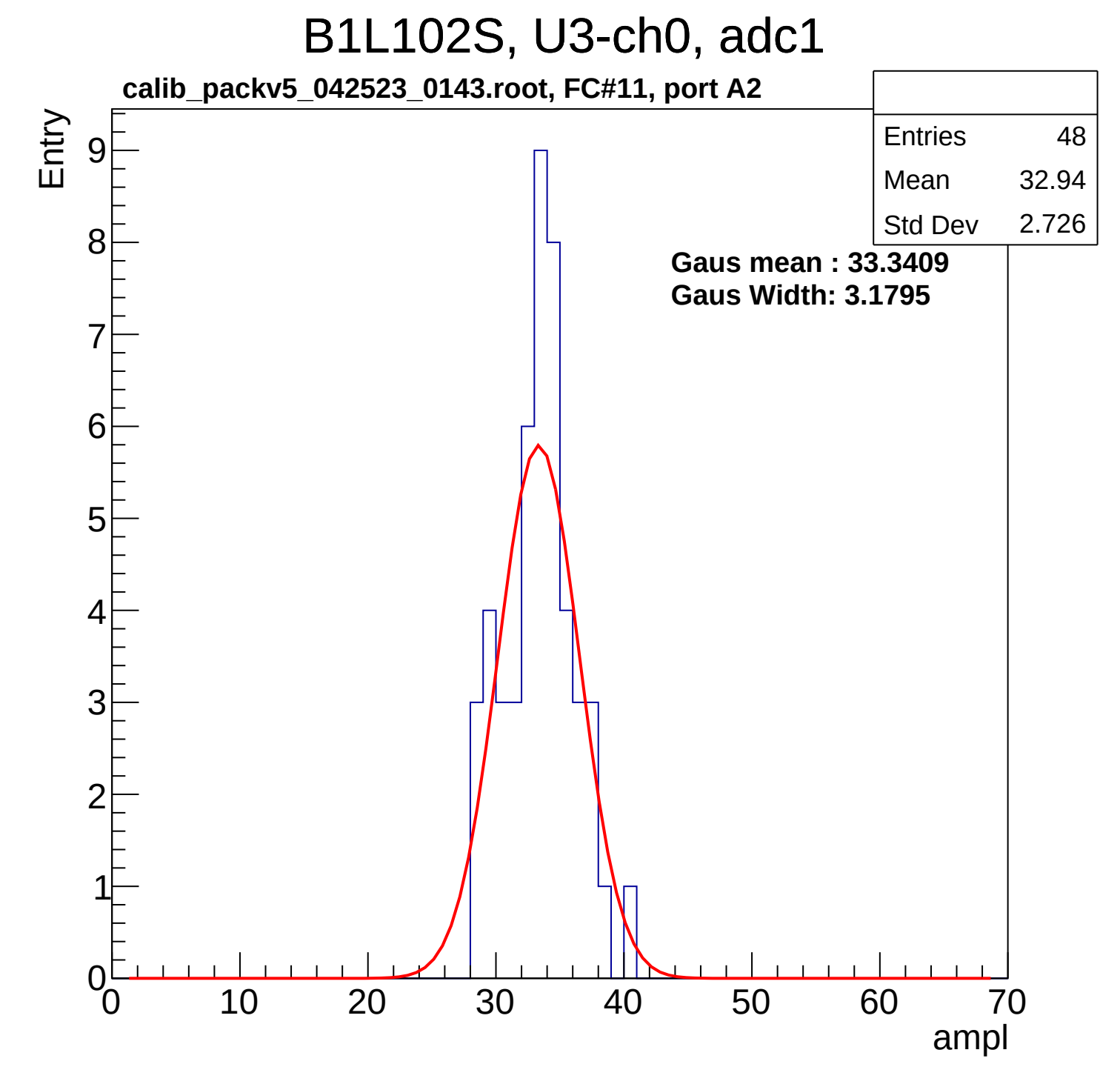
B1L102S, U3-ch0, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 32.94
Std Dev 2.726
Gaus mean : 33.3409
Gaus Width: 3.1795
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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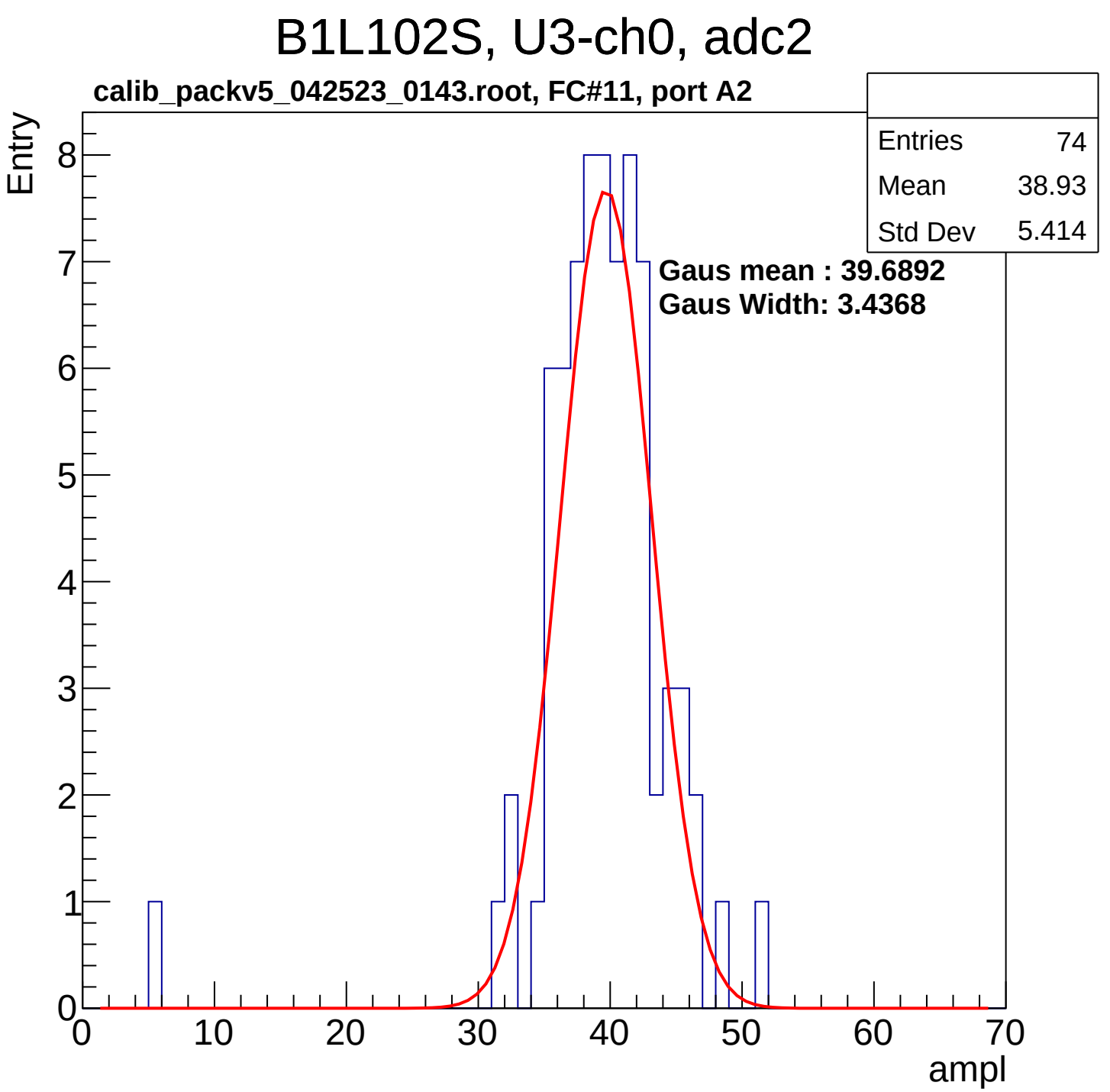
B1L102S, U3-ch0, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 38.93
Std Dev 5.414
Gaus mean : 39.6892
Gaus Width: 3.4368
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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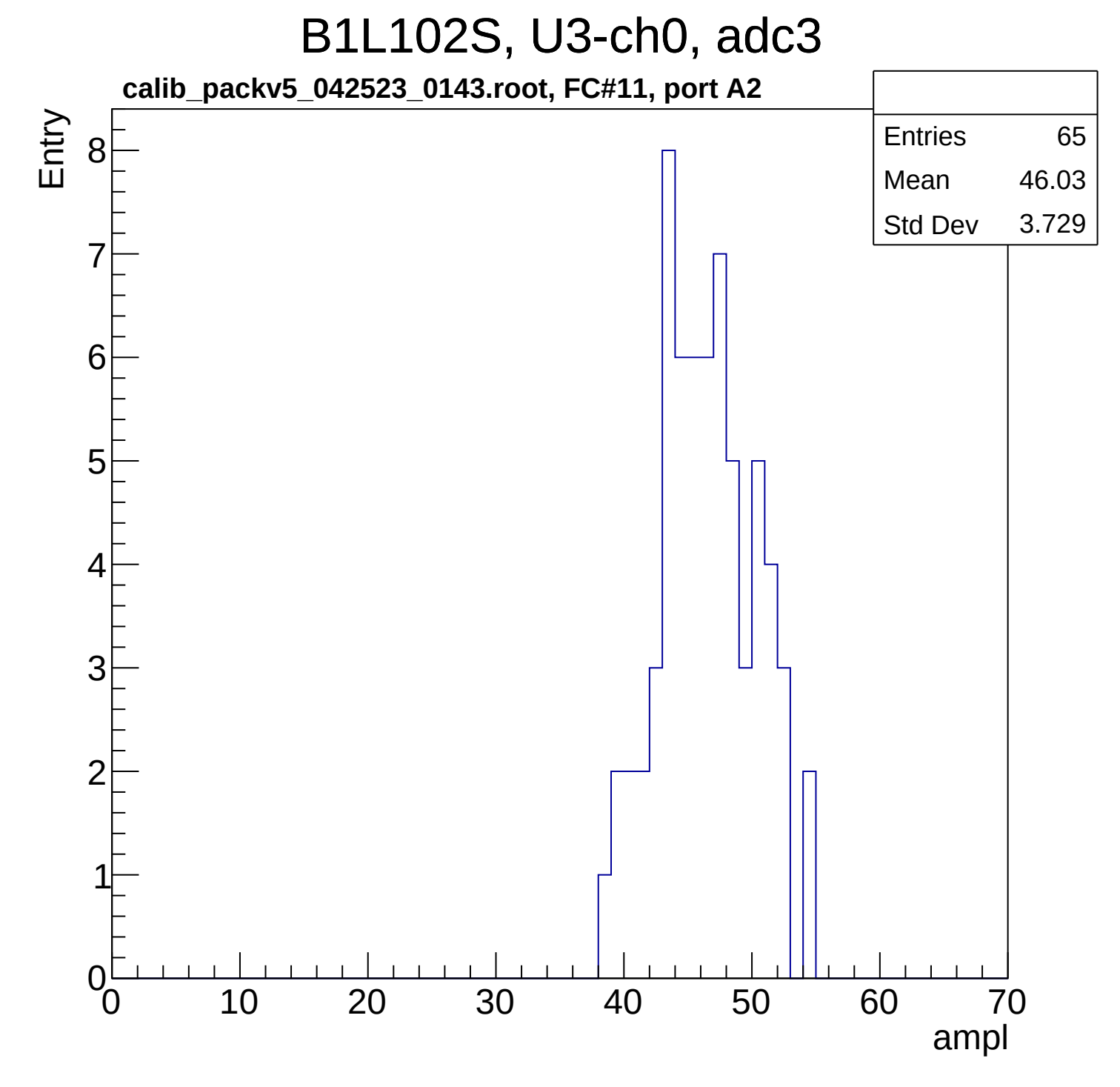
B1L102S, U3-ch0, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 46.03
Std Dev 3.729
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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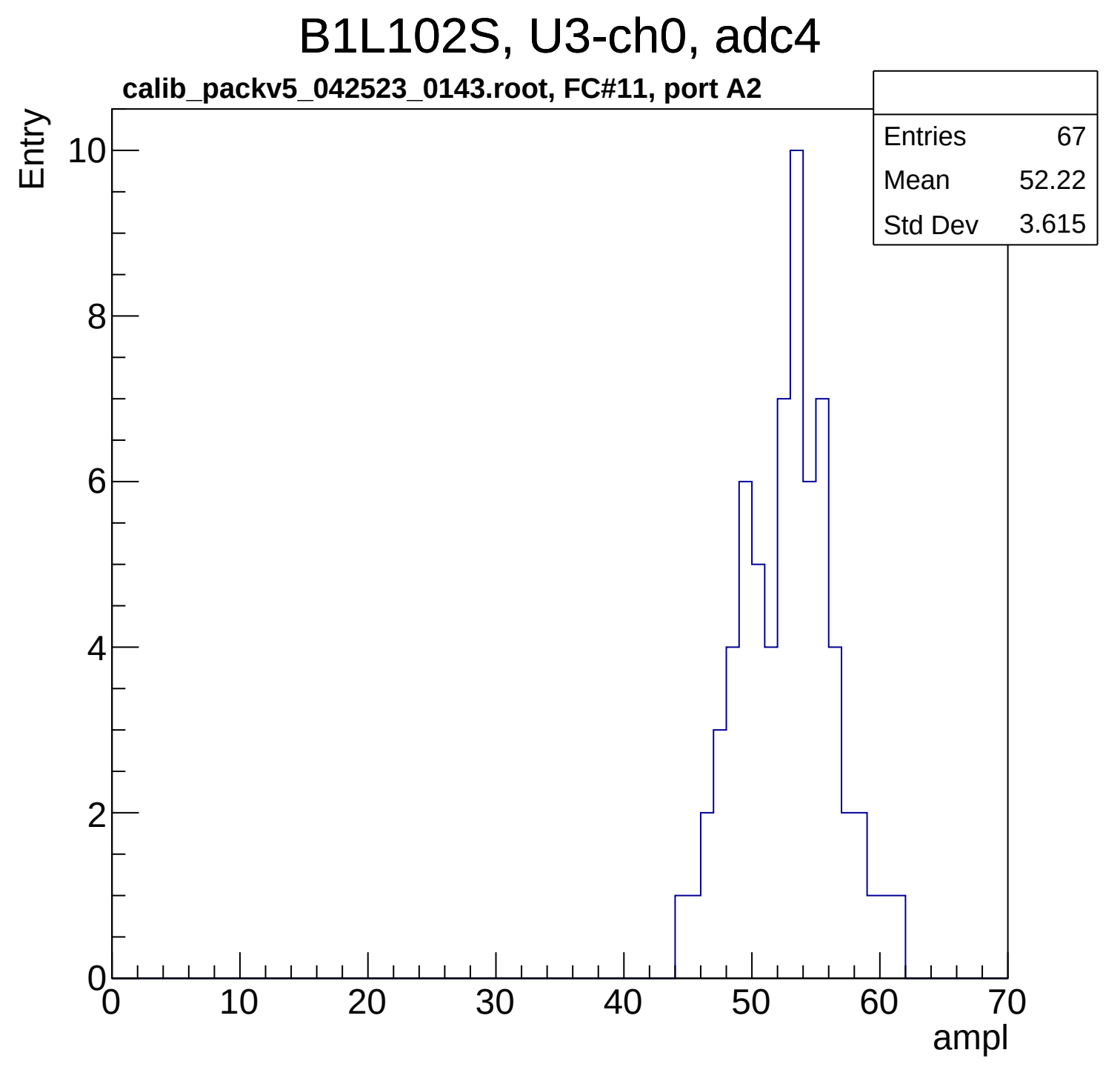
B1L102S, U3-ch0, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 52.22
Std Dev 3.615
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
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60
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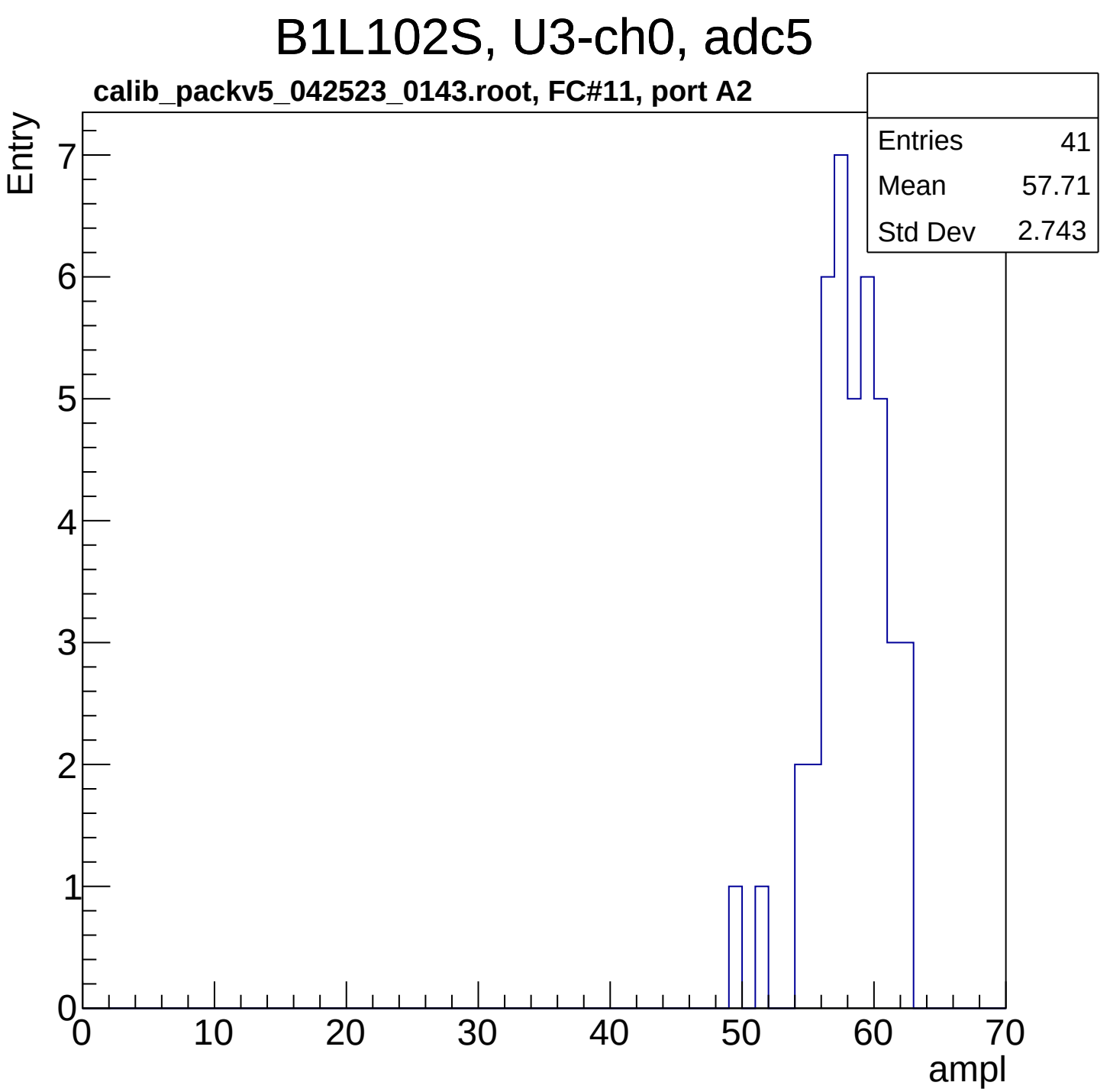
B1L102S, U3-ch0, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 57.71
Std Dev 2.743
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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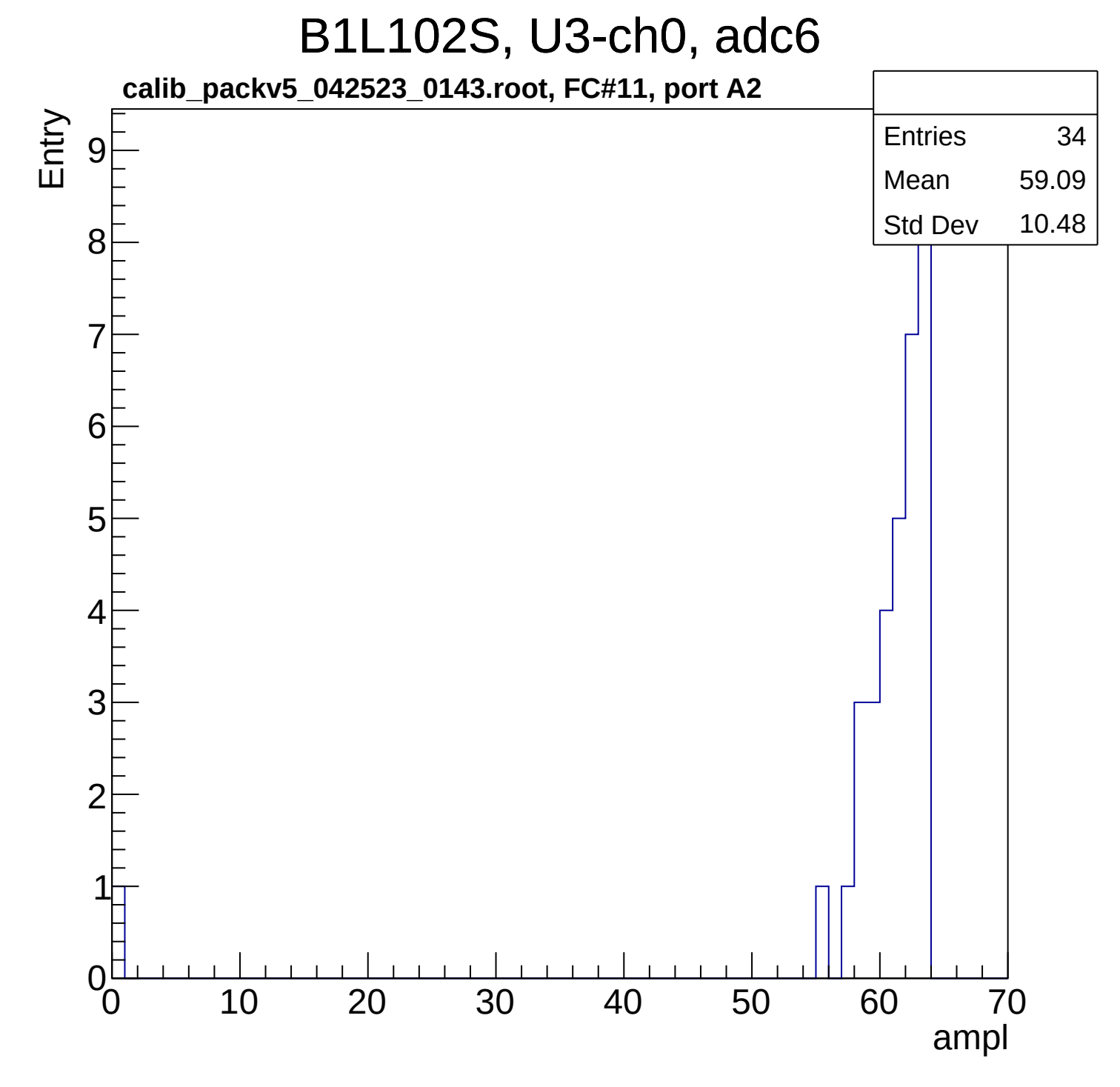
B1L102S, U3-ch0, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 34
Mean 59.09
Std Dev 10.48
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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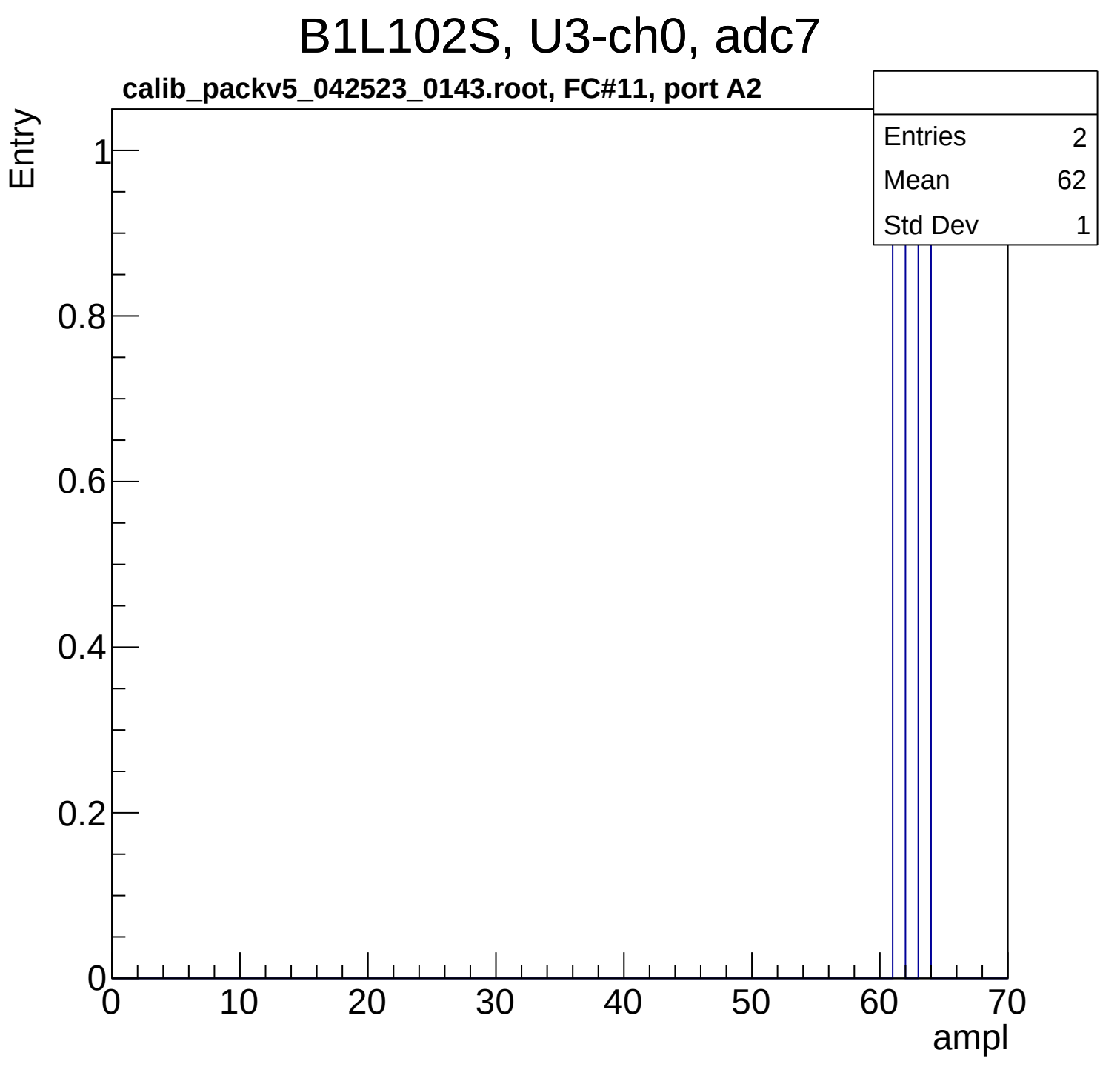
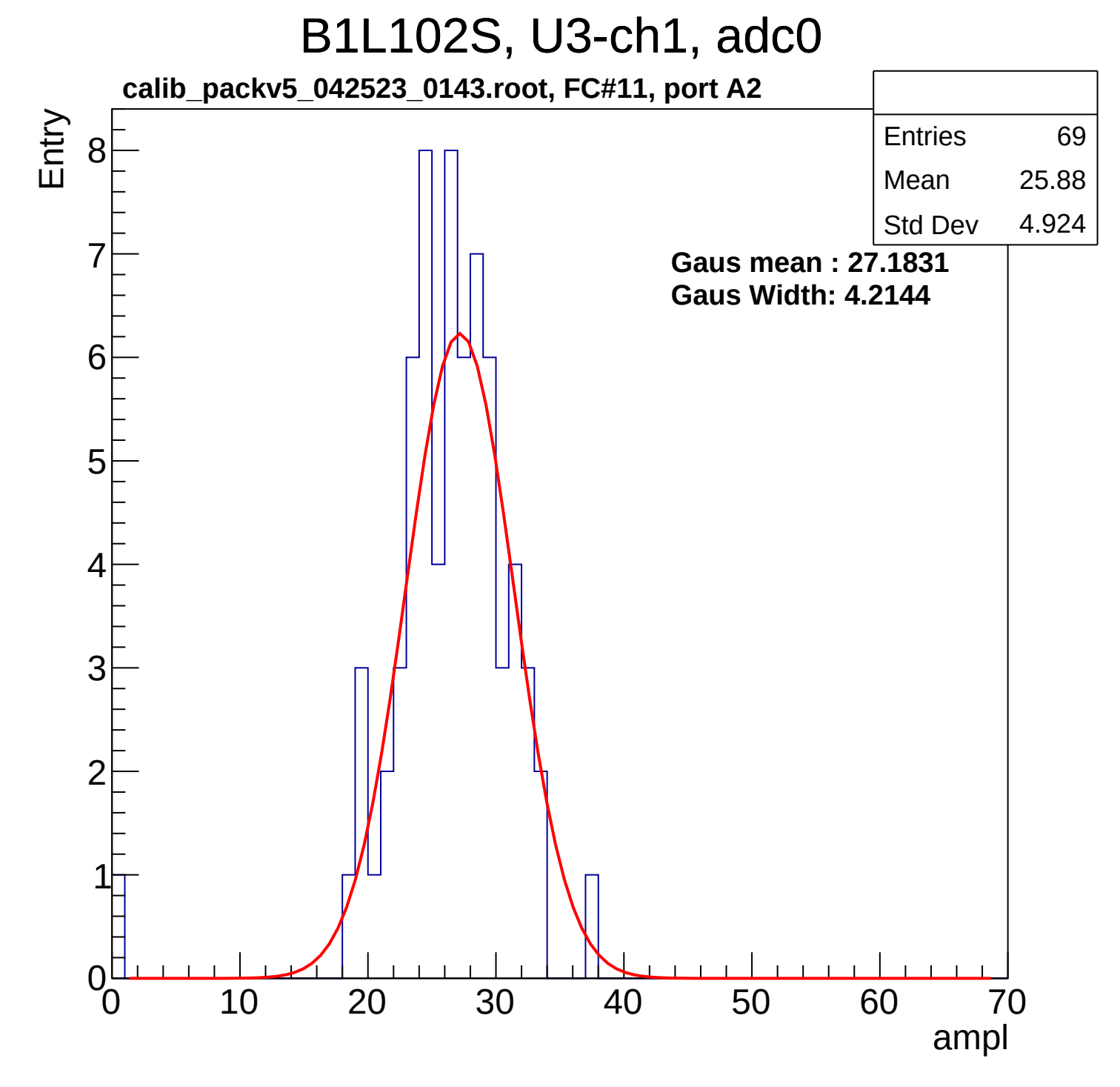
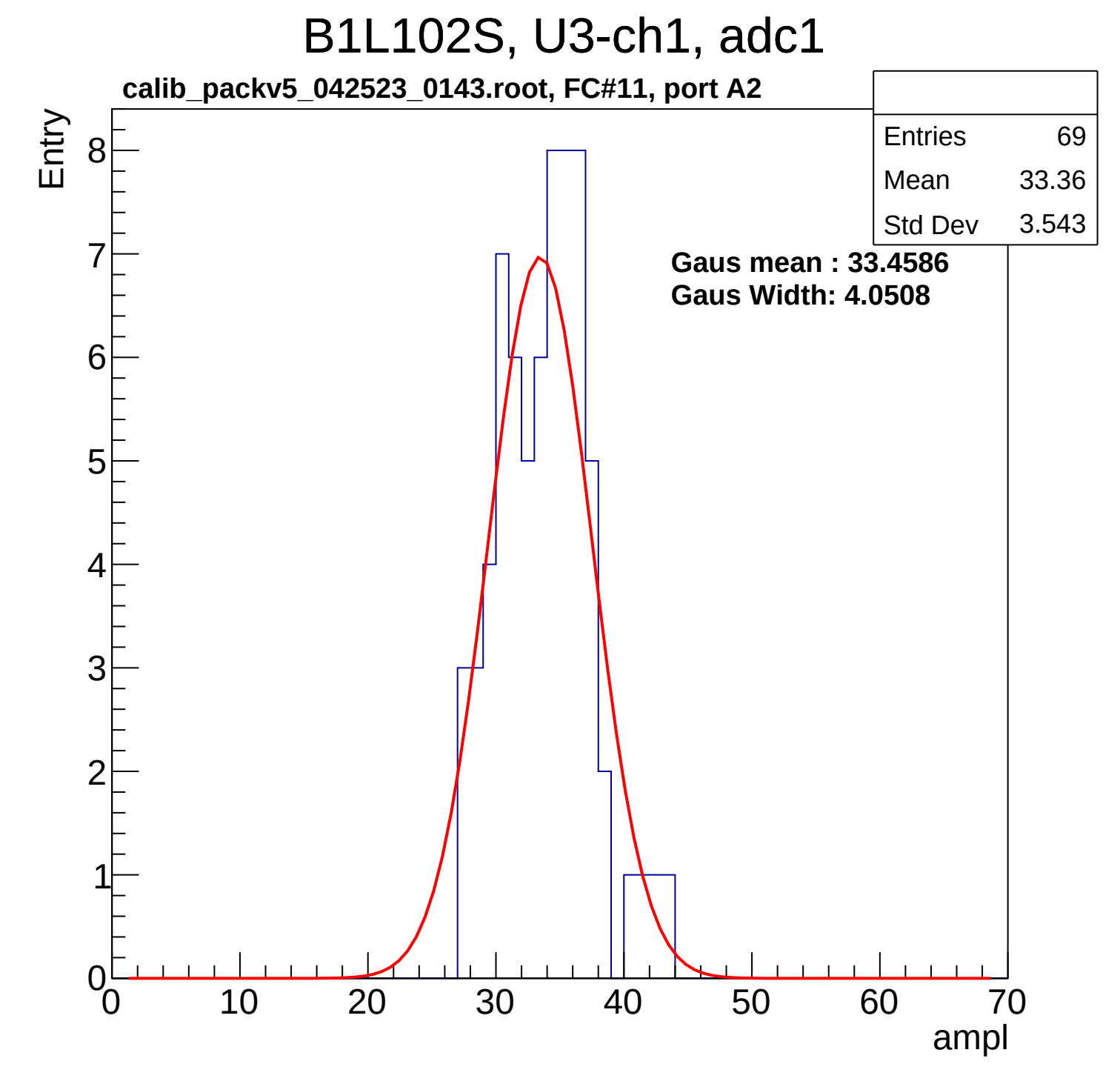
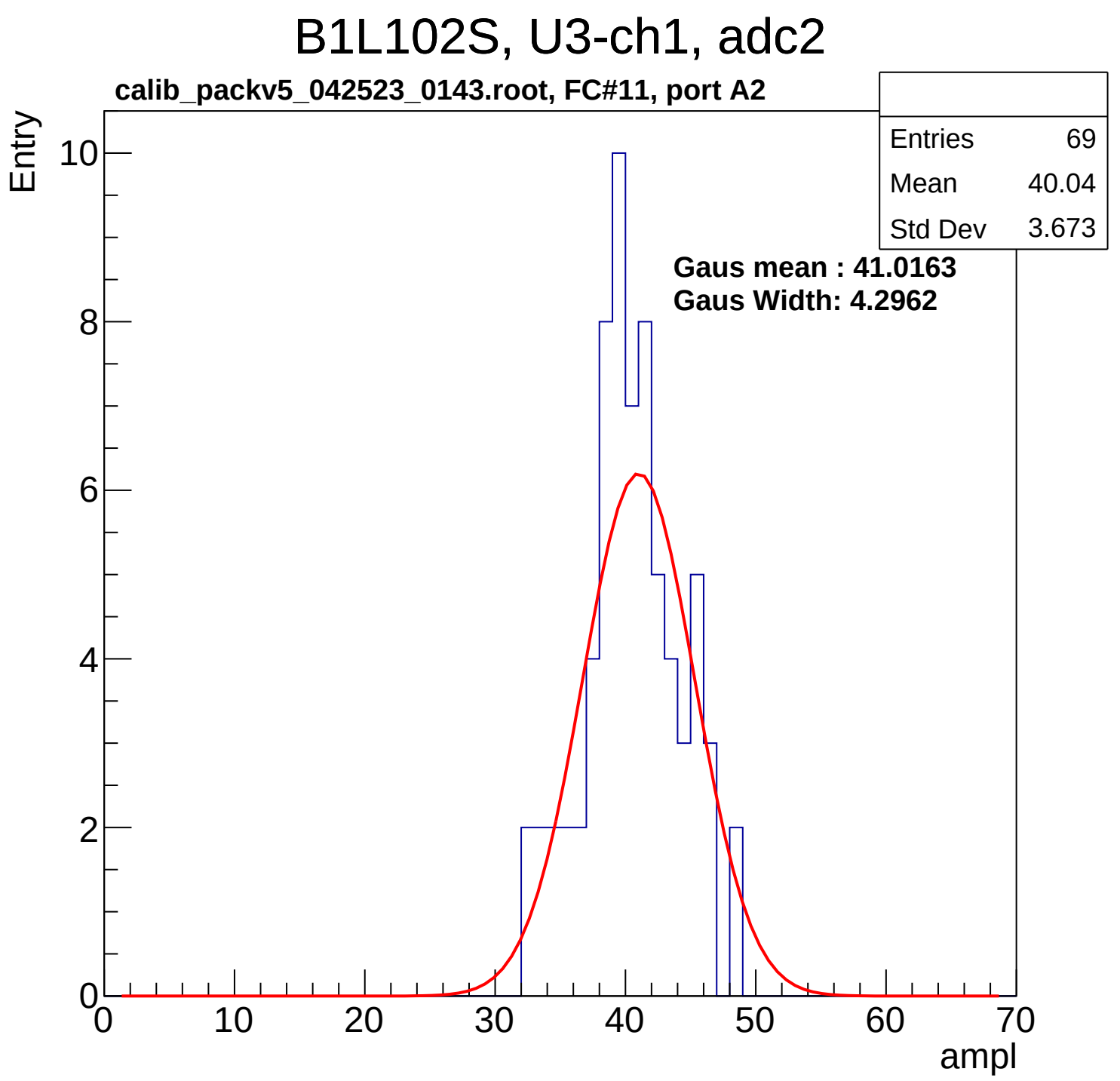
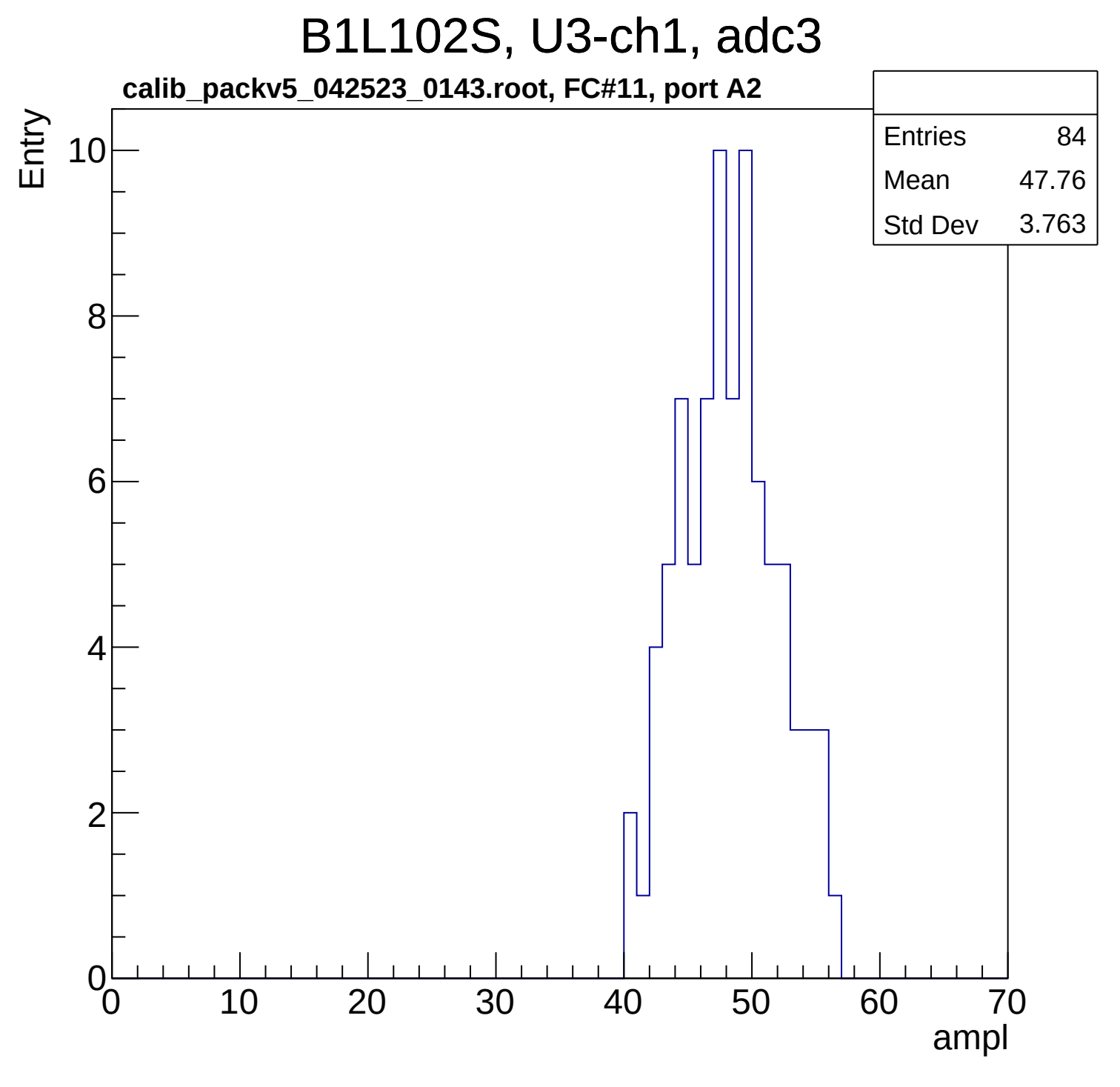
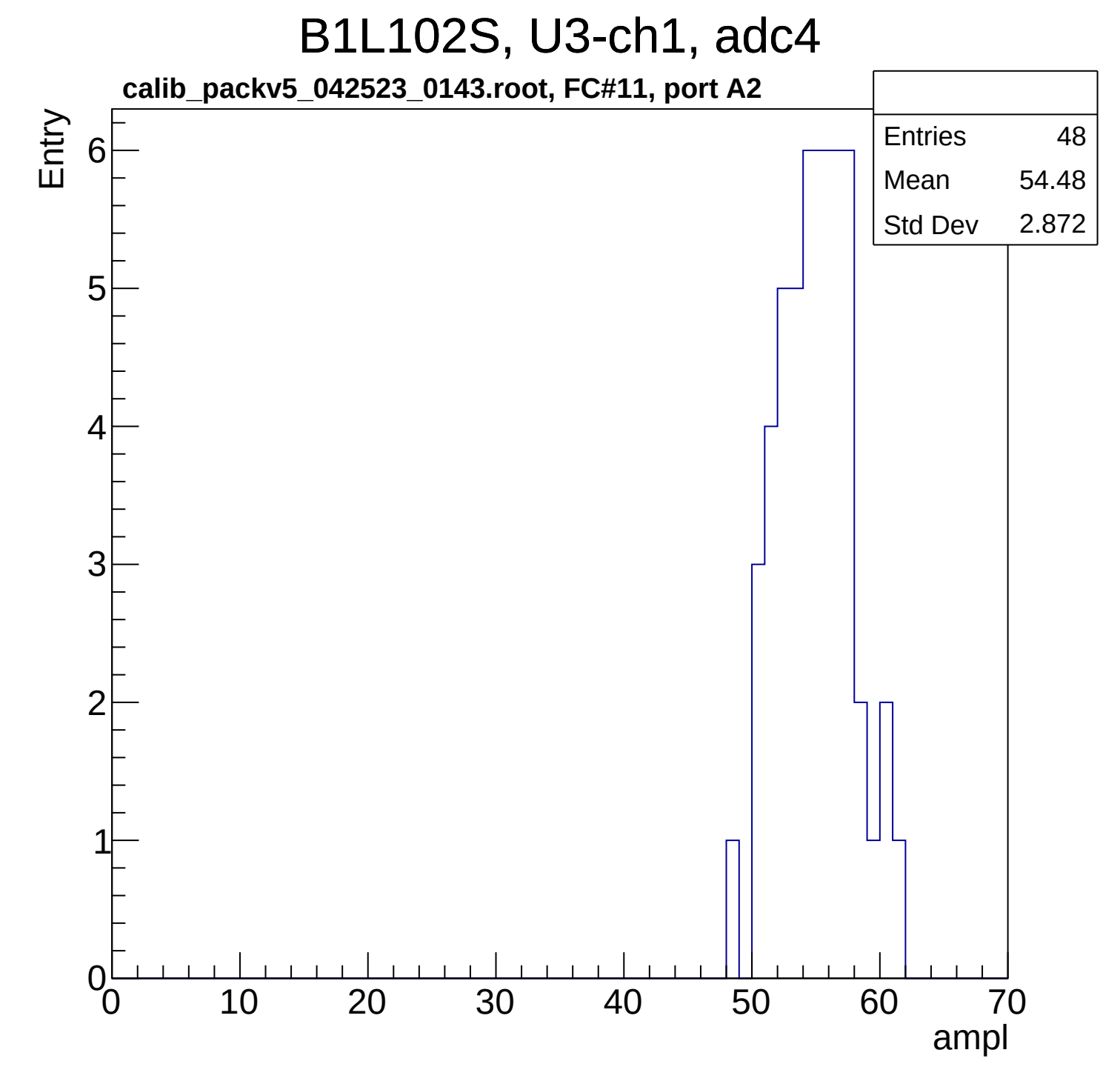

B1L102S, U3-ch0, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

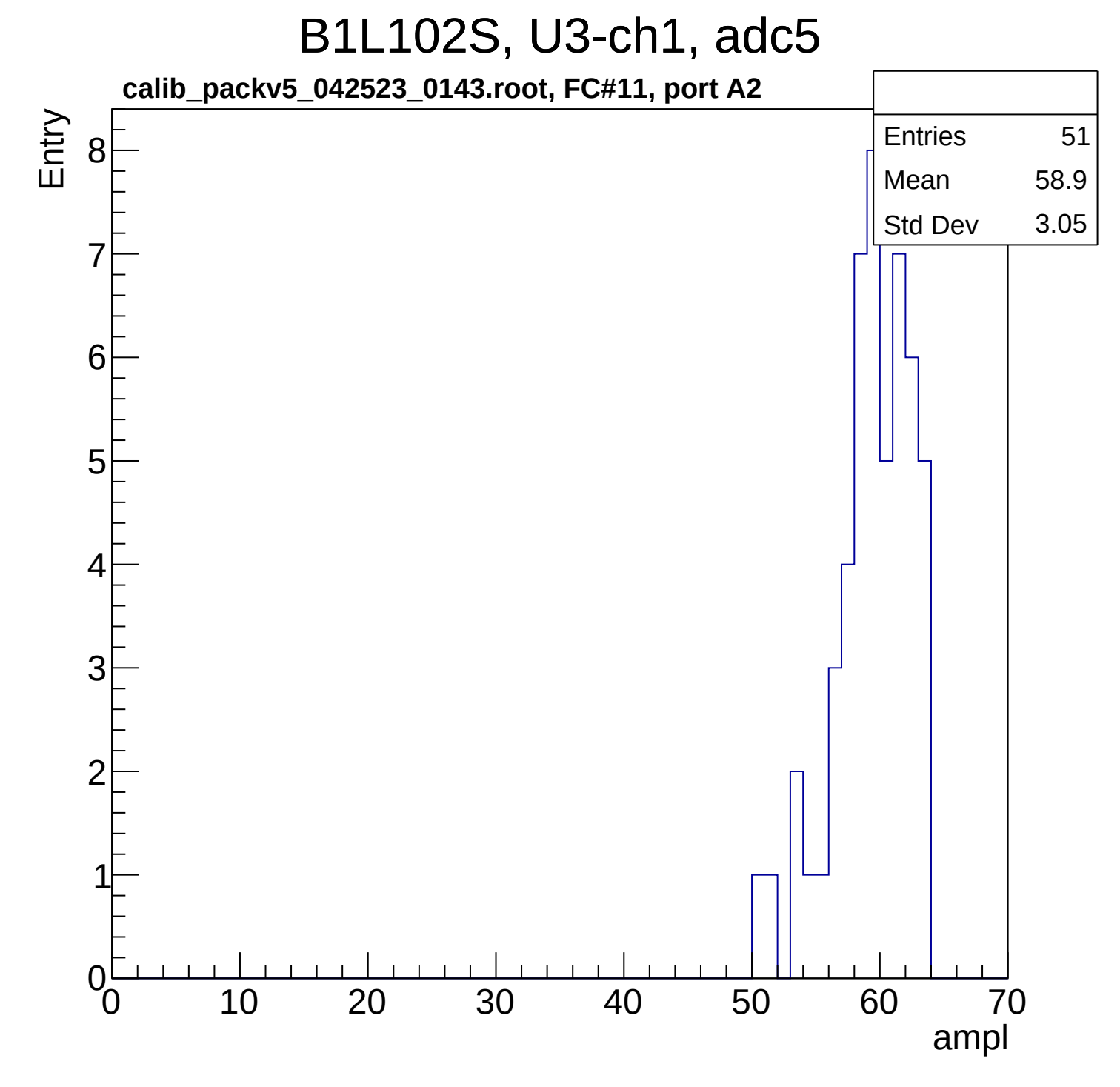

B1L102S, U3-ch1, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 25.88
Std Dev 4.924
Gaus mean : 27.1831
Gaus Width: 4.2144
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

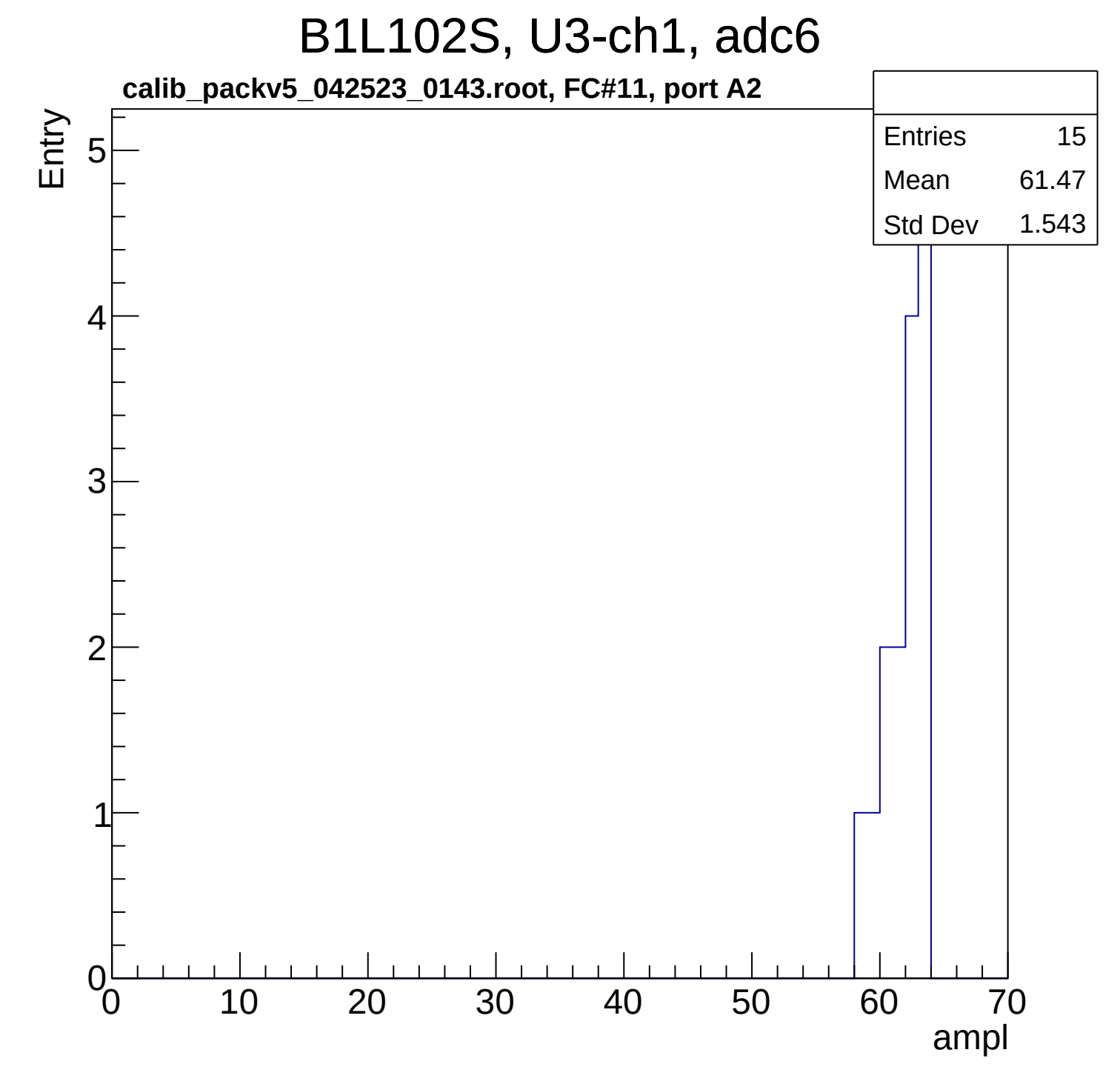

B1L102S, U3-ch1, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 33.36
Std Dev 3.543
Gaus mean : 33.4586
Gaus Width: 4.0508
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

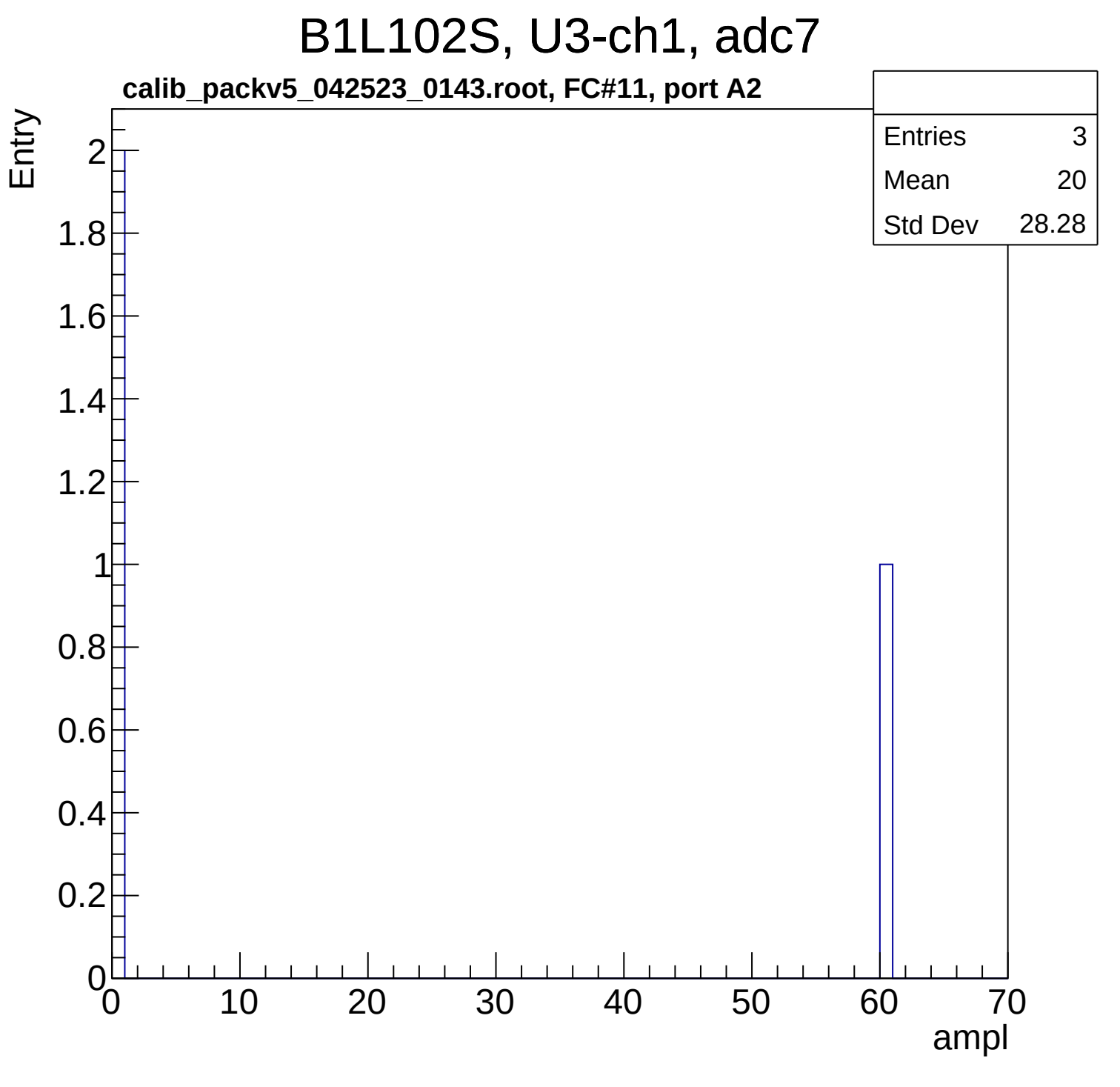

B1L102S, U3-ch1, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 40.04
Std Dev 3.673
Gaus mean : 41.0163
Gaus Width: 4.2962
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

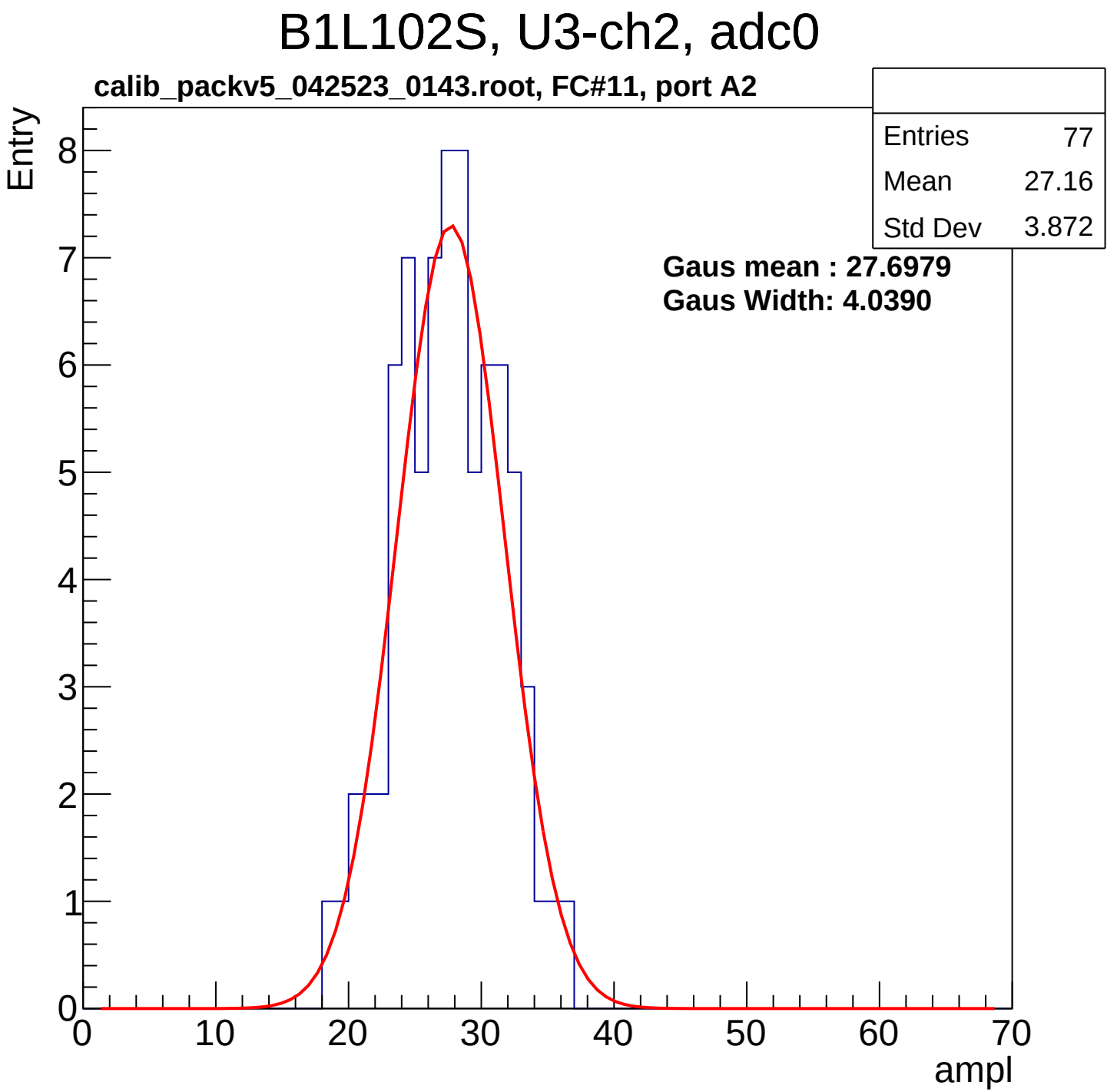

B1L102S, U3-ch1, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 47.76
Std Dev 3.763
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch1, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 54.48
Std Dev 2.872
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch1, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 58.9
Std Dev 3.05
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch1, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 61.47
Std Dev 1.543
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch1, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 20
Std Dev 28.28
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch2, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 27.16
Std Dev 3.872
Gaus mean : 27.6979
Gaus Width: 4.0390
Entry
ampl
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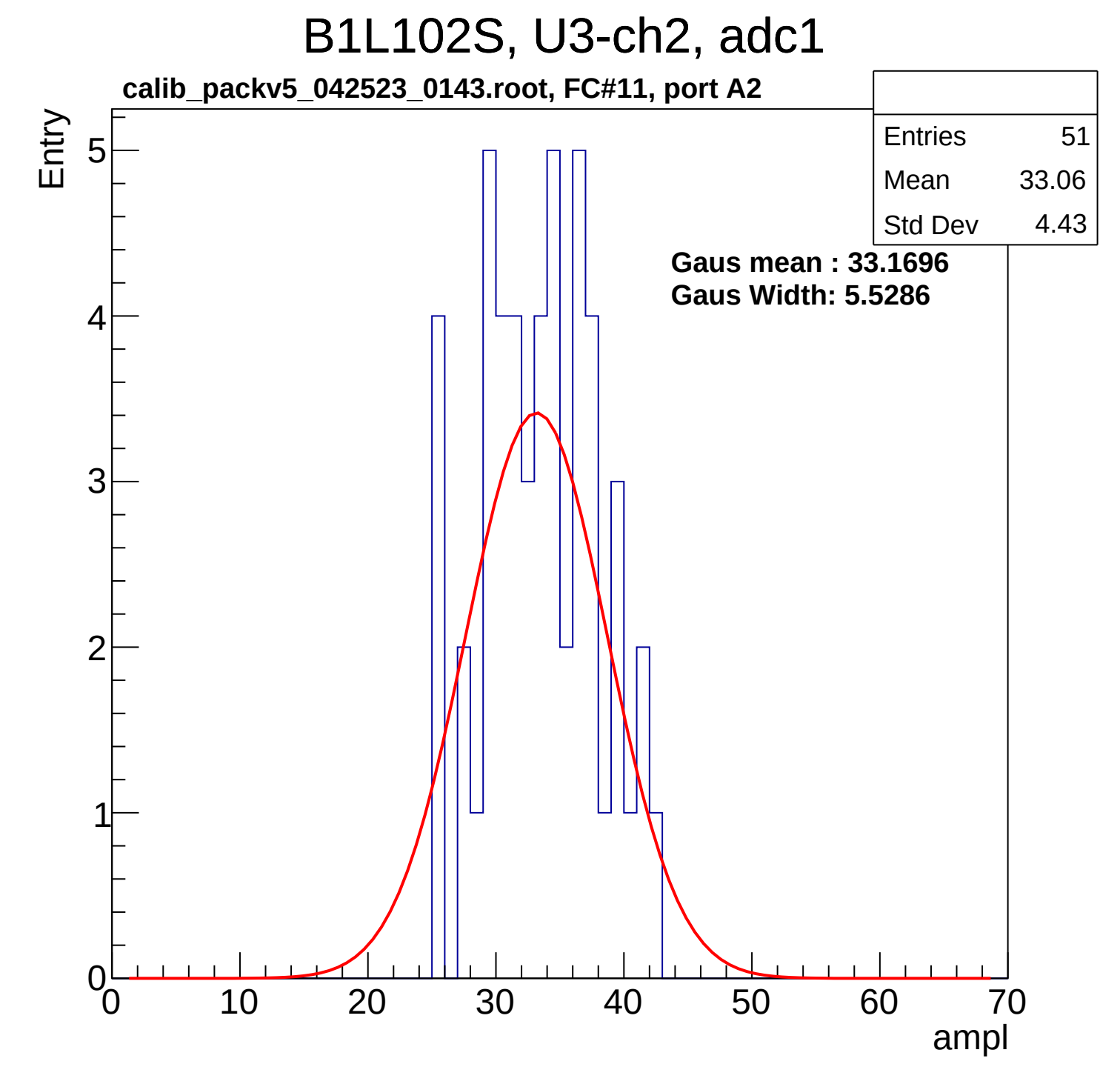
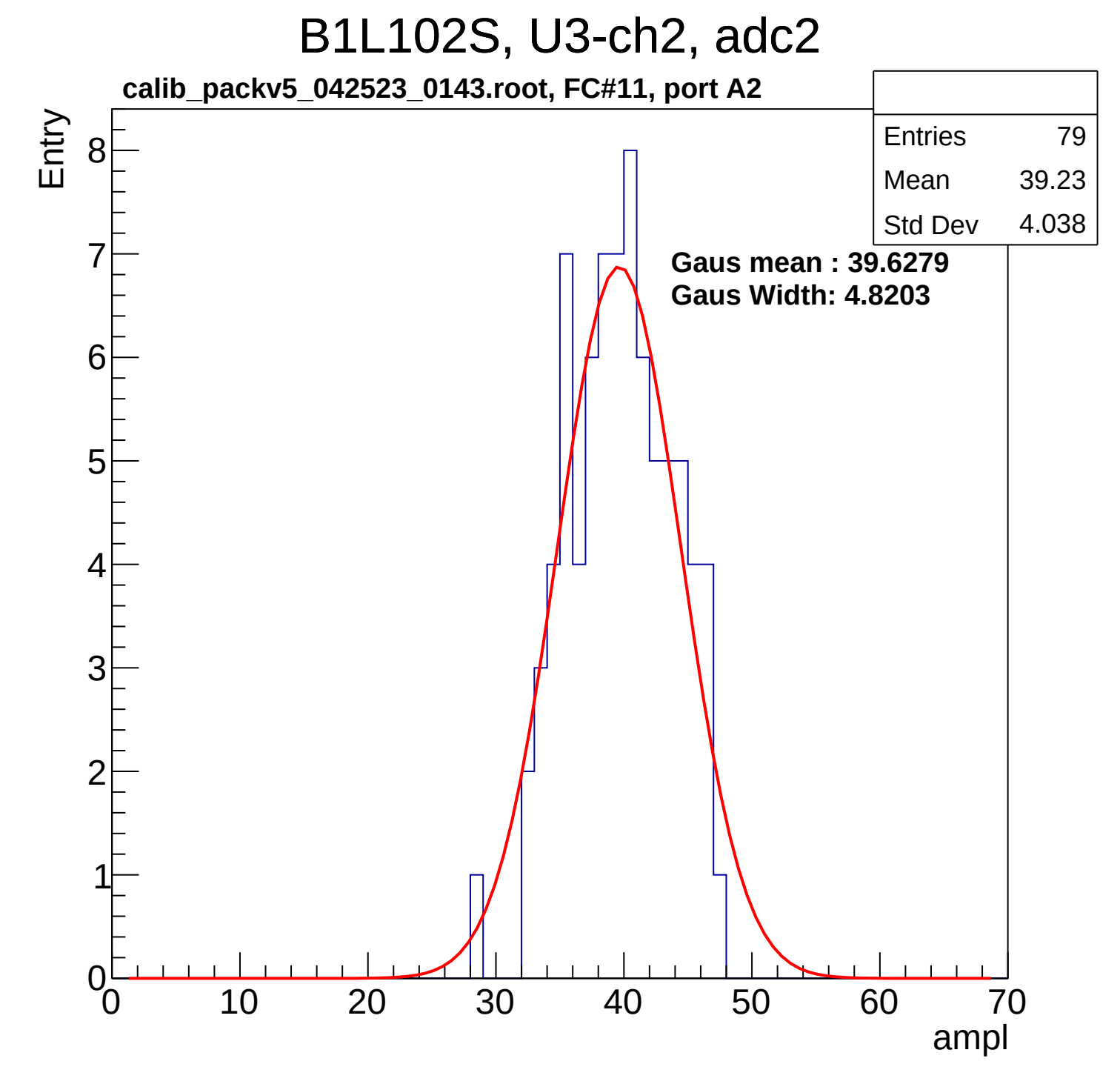
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch2, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 33.06
Std Dev 4.43
Gaus mean : 33.1696
Gaus Width: 5.5286
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U3-ch2, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 39.23
Std Dev 4.038
Gaus mean : 39.6279
Gaus Width: 4.8203
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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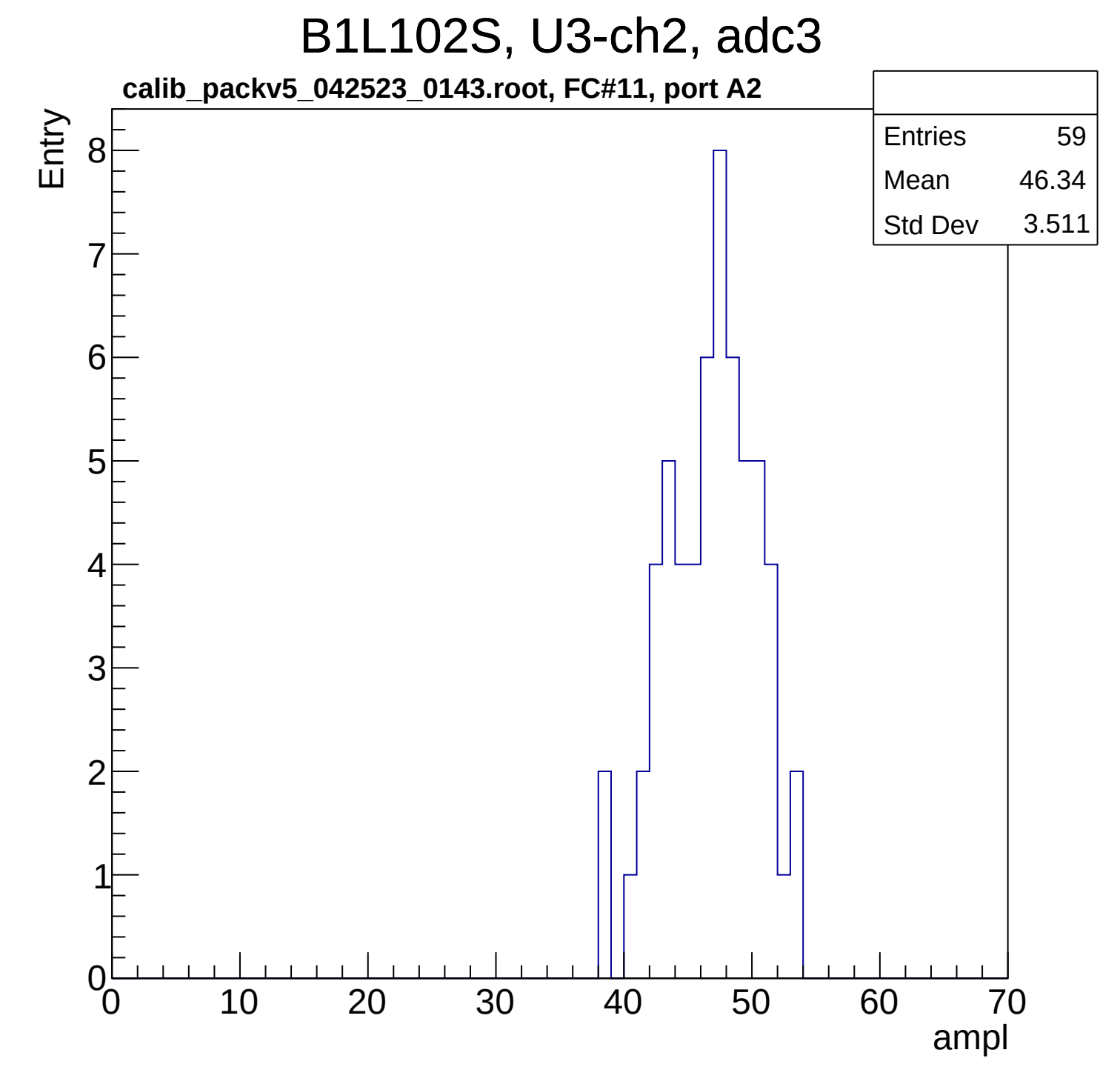
B1L102S, U3-ch2, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 46.34
Std Dev 3.511
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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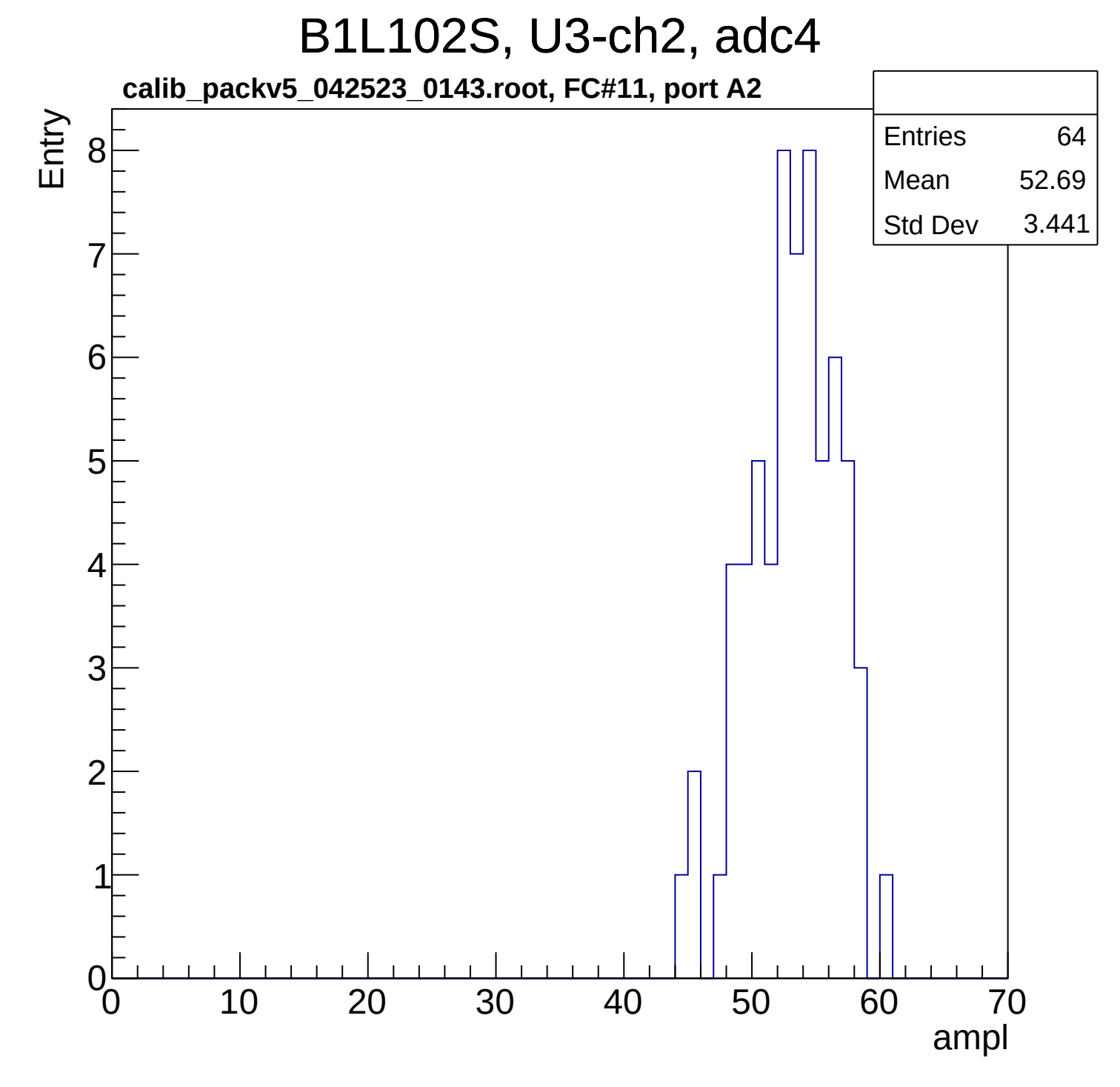
B1L102S, U3-ch2, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 52.69
Std Dev 3.441
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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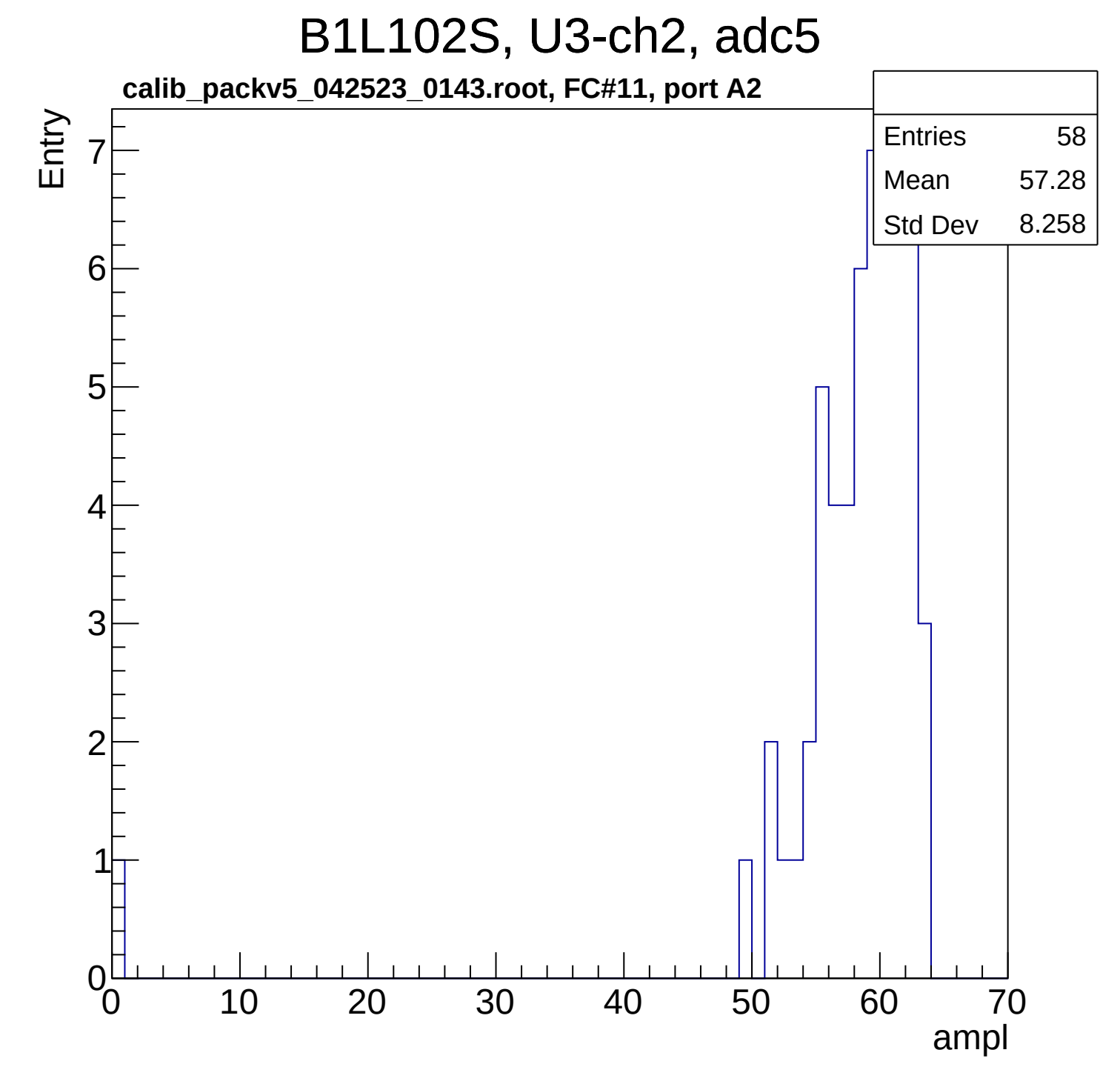
B1L102S, U3-ch2, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 57.28
Std Dev 8.258
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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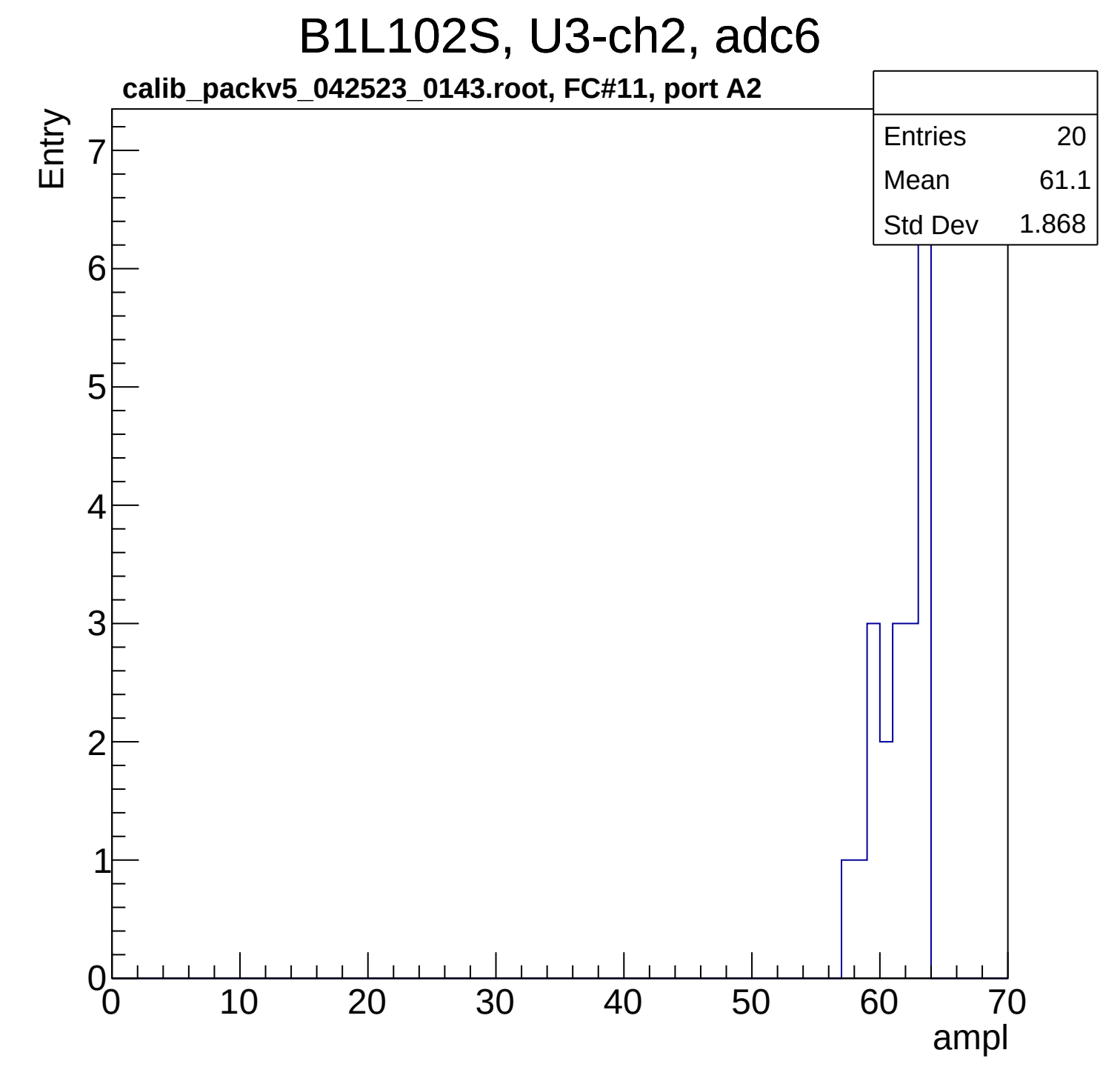
B1L102S, U3-ch2, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 20
Mean 61.1
Std Dev 1.868
Entry
ampl
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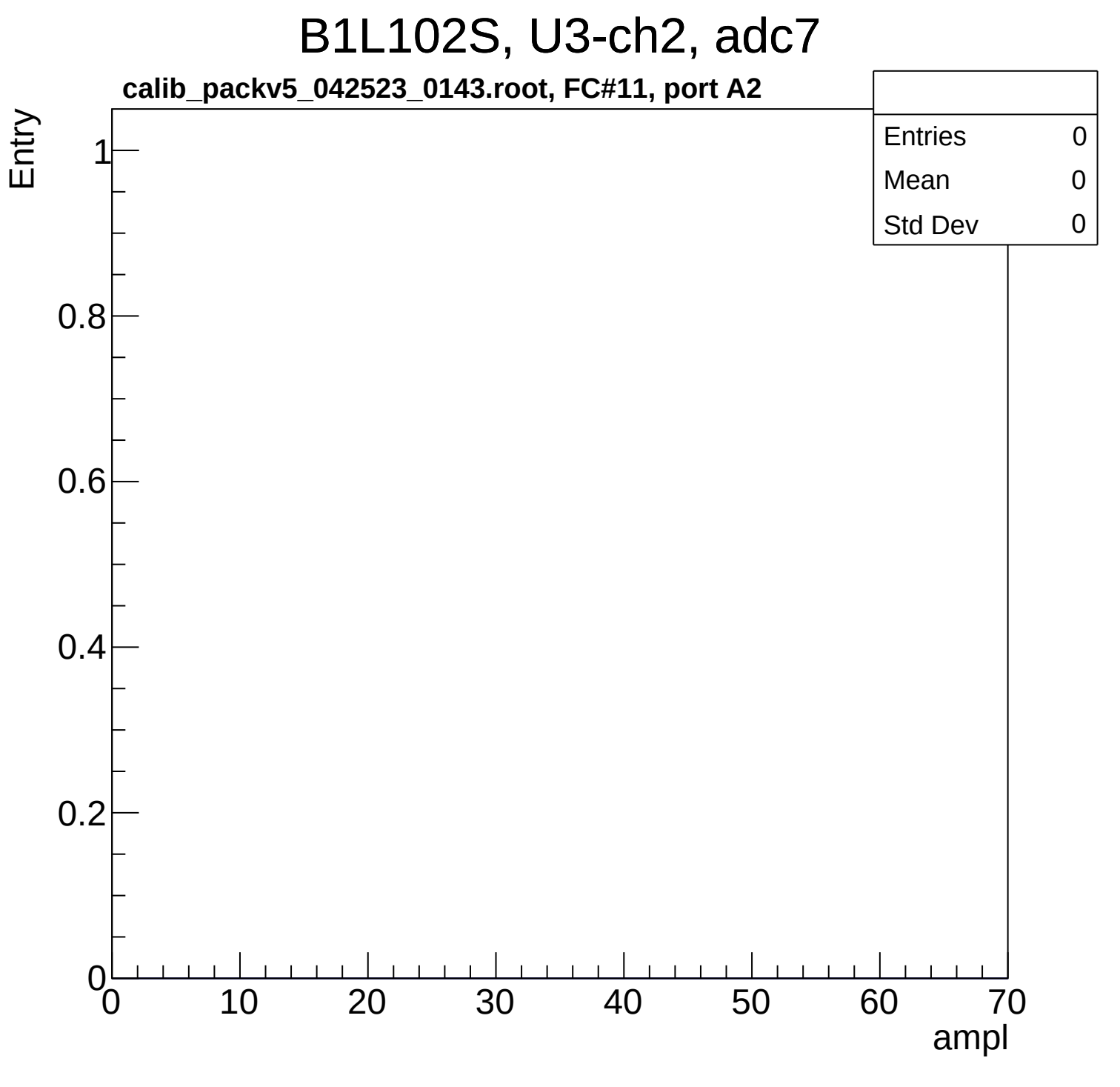
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch2, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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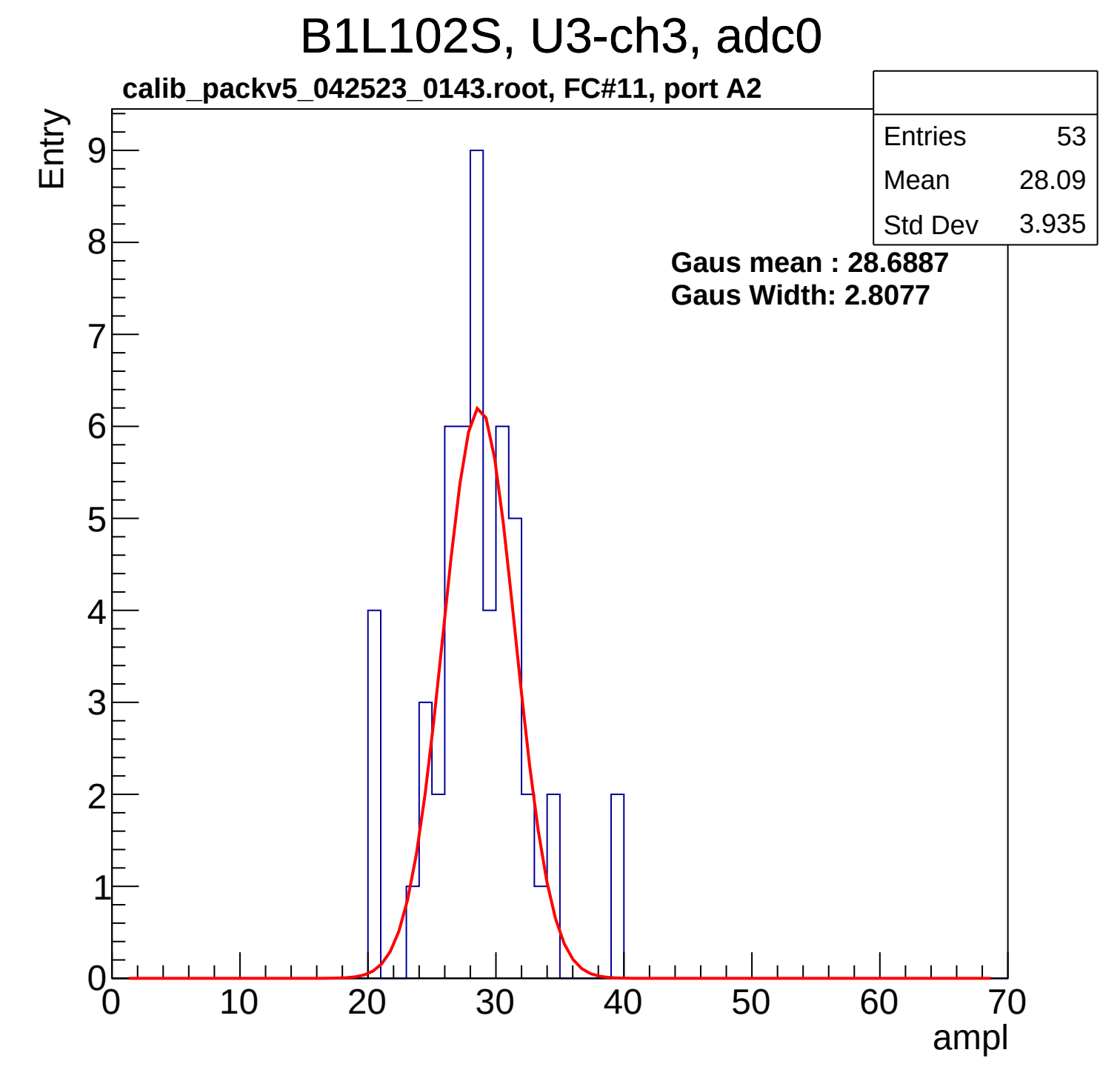
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch3, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 28.09
Std Dev 3.935
Gaus mean : 28.6887
Gaus Width: 2.8077
Entry
ampl
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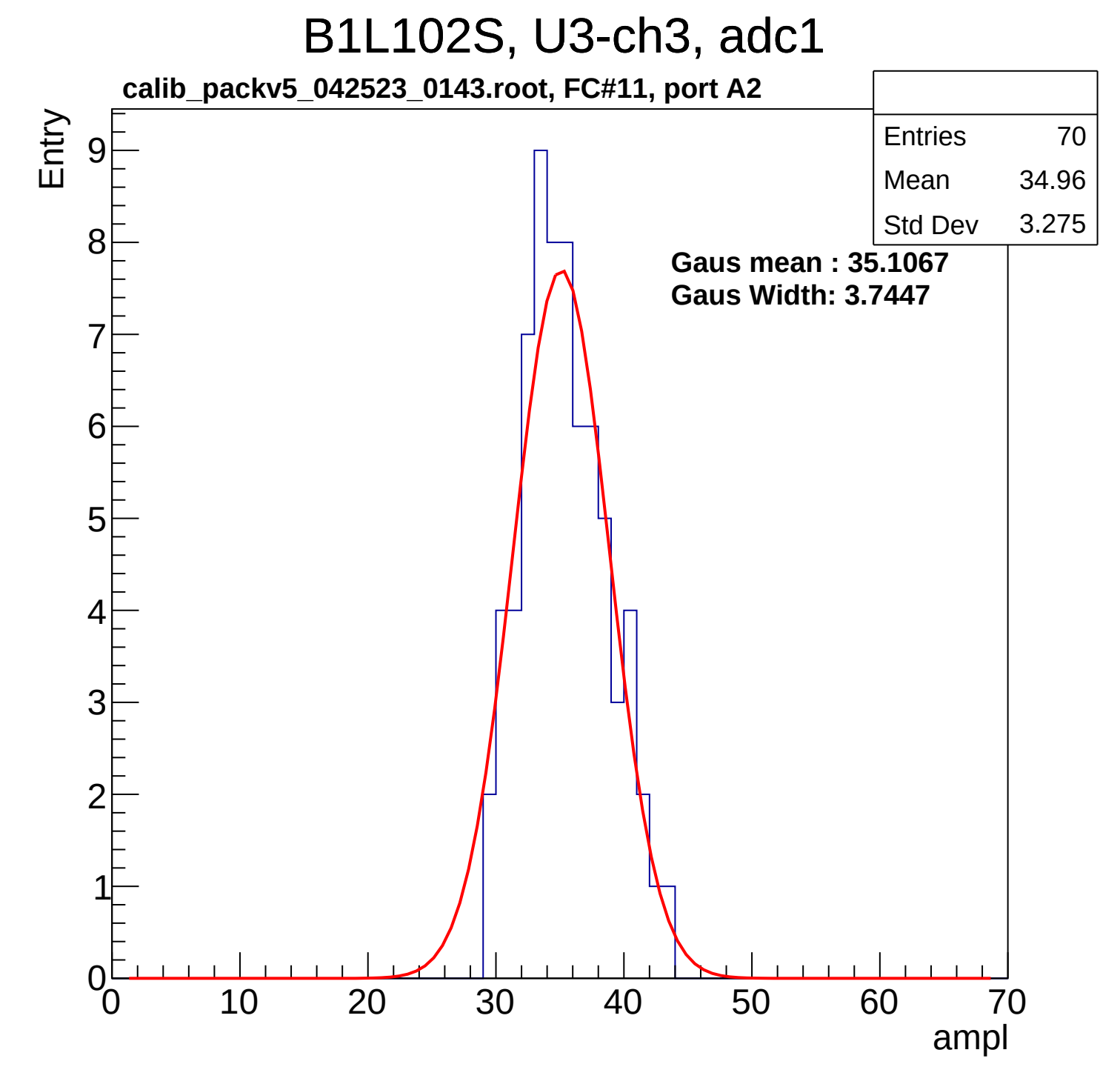
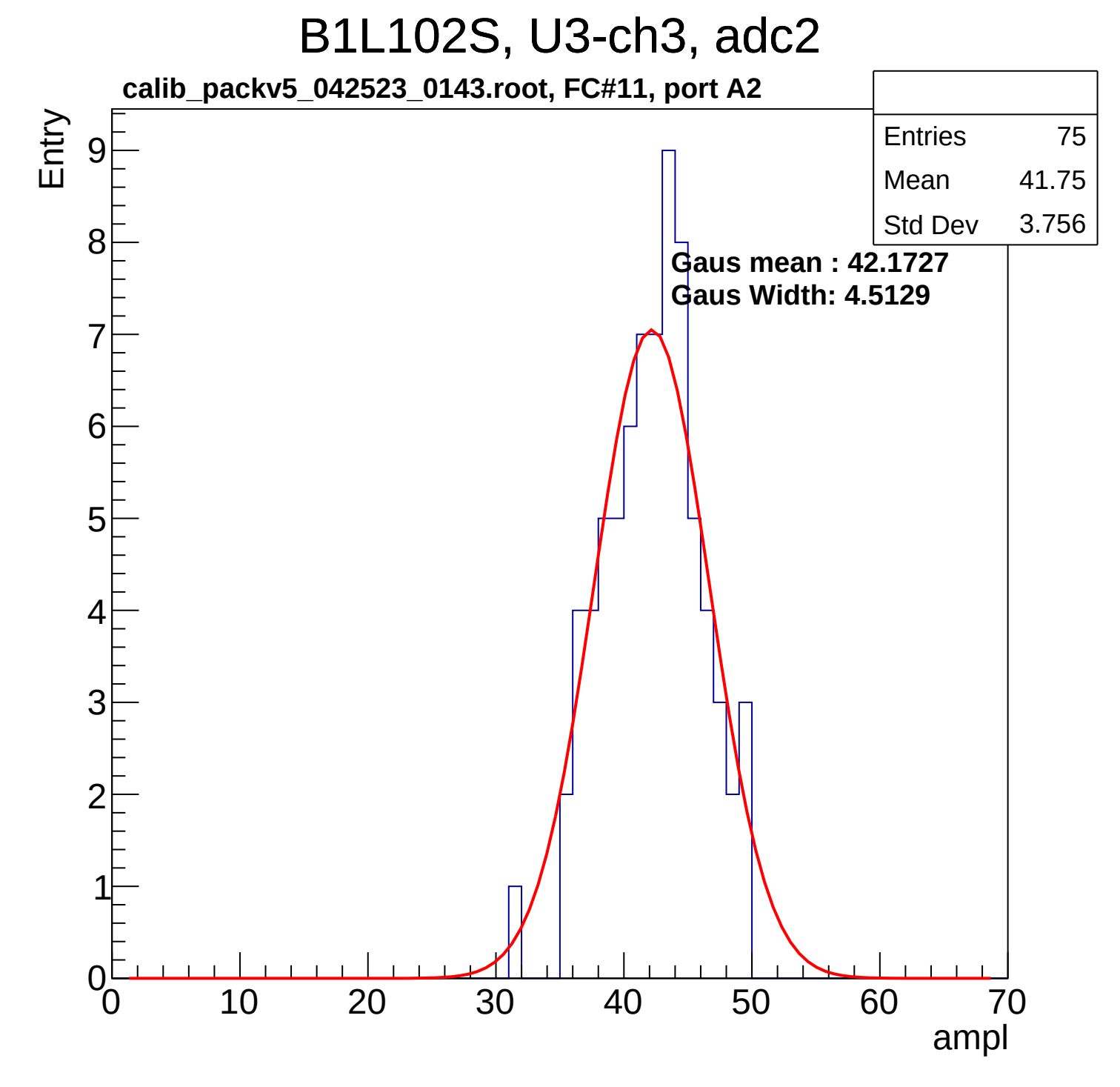
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch3, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 34.96
Std Dev 3.275
Gaus mean : 35.1067
Gaus Width: 3.7447
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch3, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 41.75
Std Dev 3.756
Gaus mean : 42.1727
Gaus Width: 4.5129
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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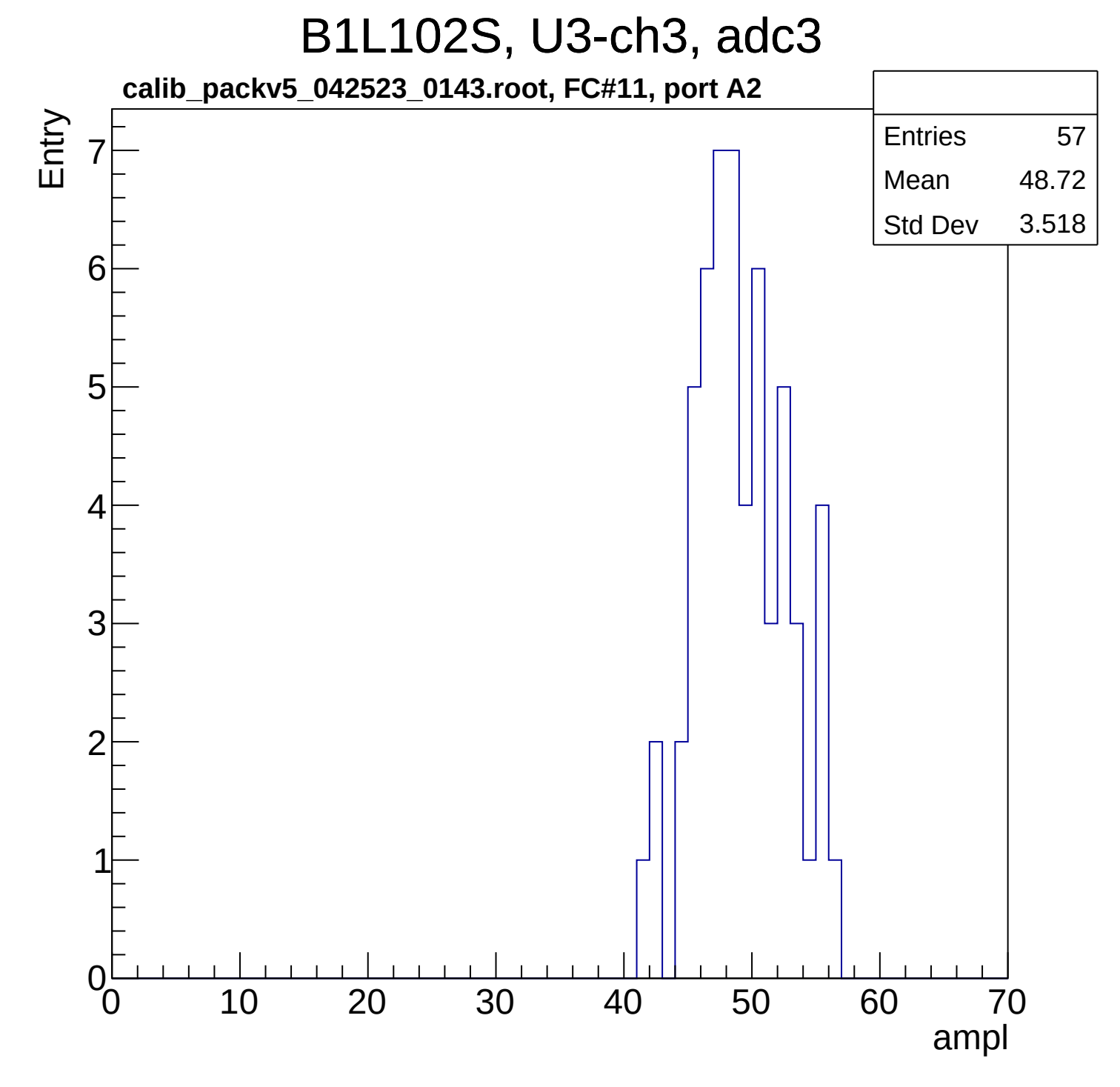
B1L102S, U3-ch3, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 48.72
Std Dev 3.518
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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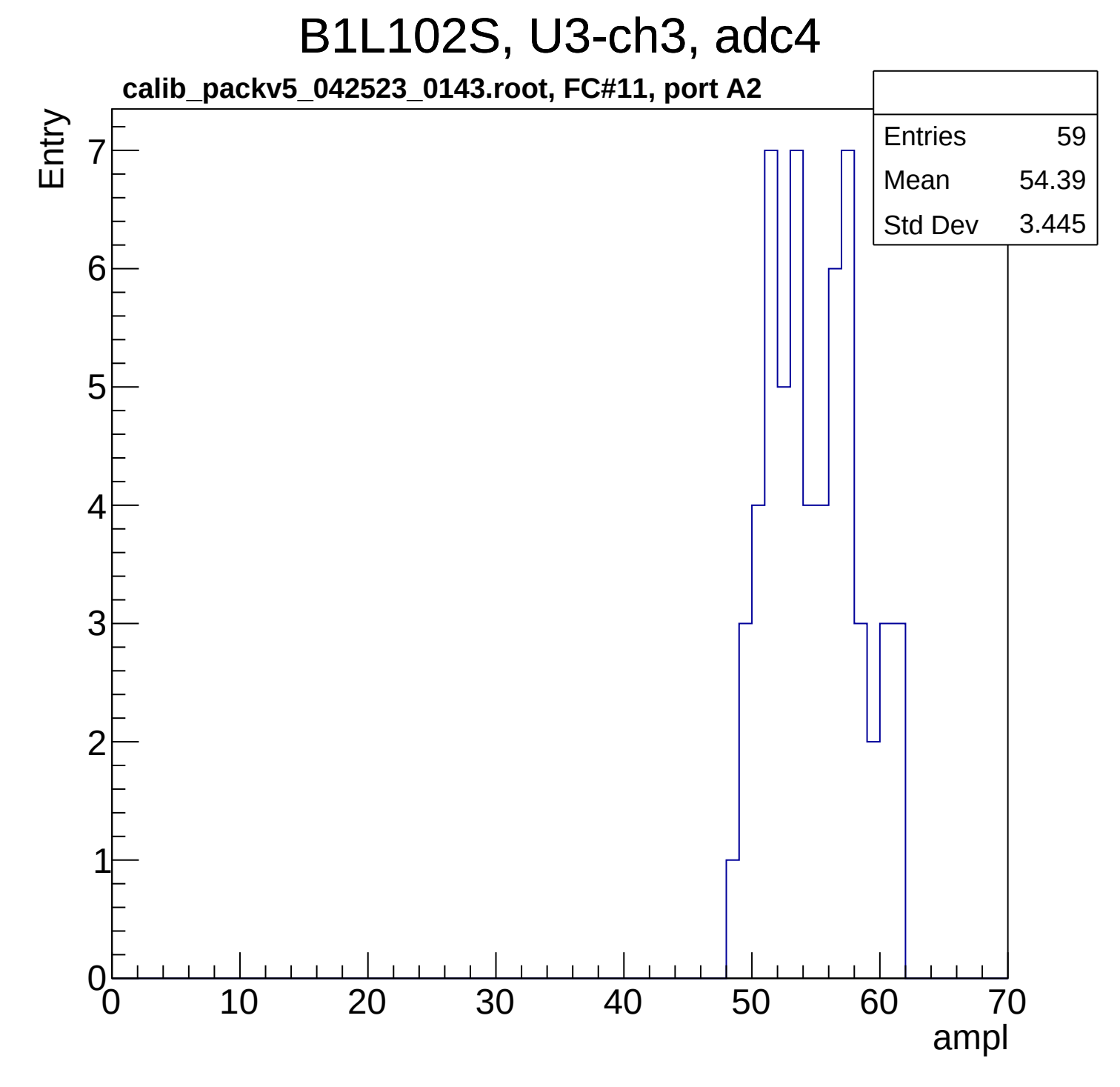
B1L102S, U3-ch3, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 54.39
Std Dev 3.445
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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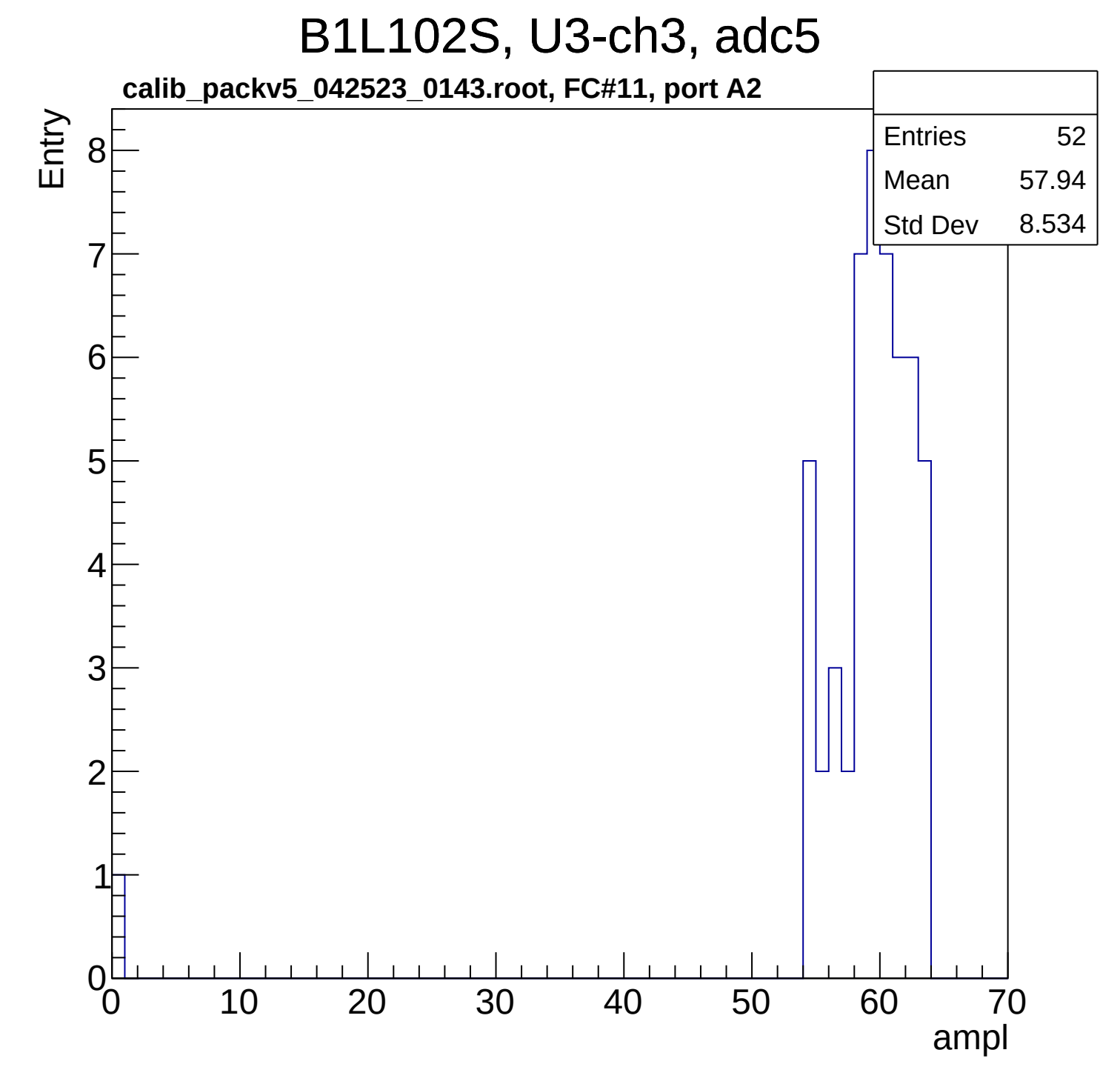
B1L102S, U3-ch3, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 57.94
Std Dev 8.534
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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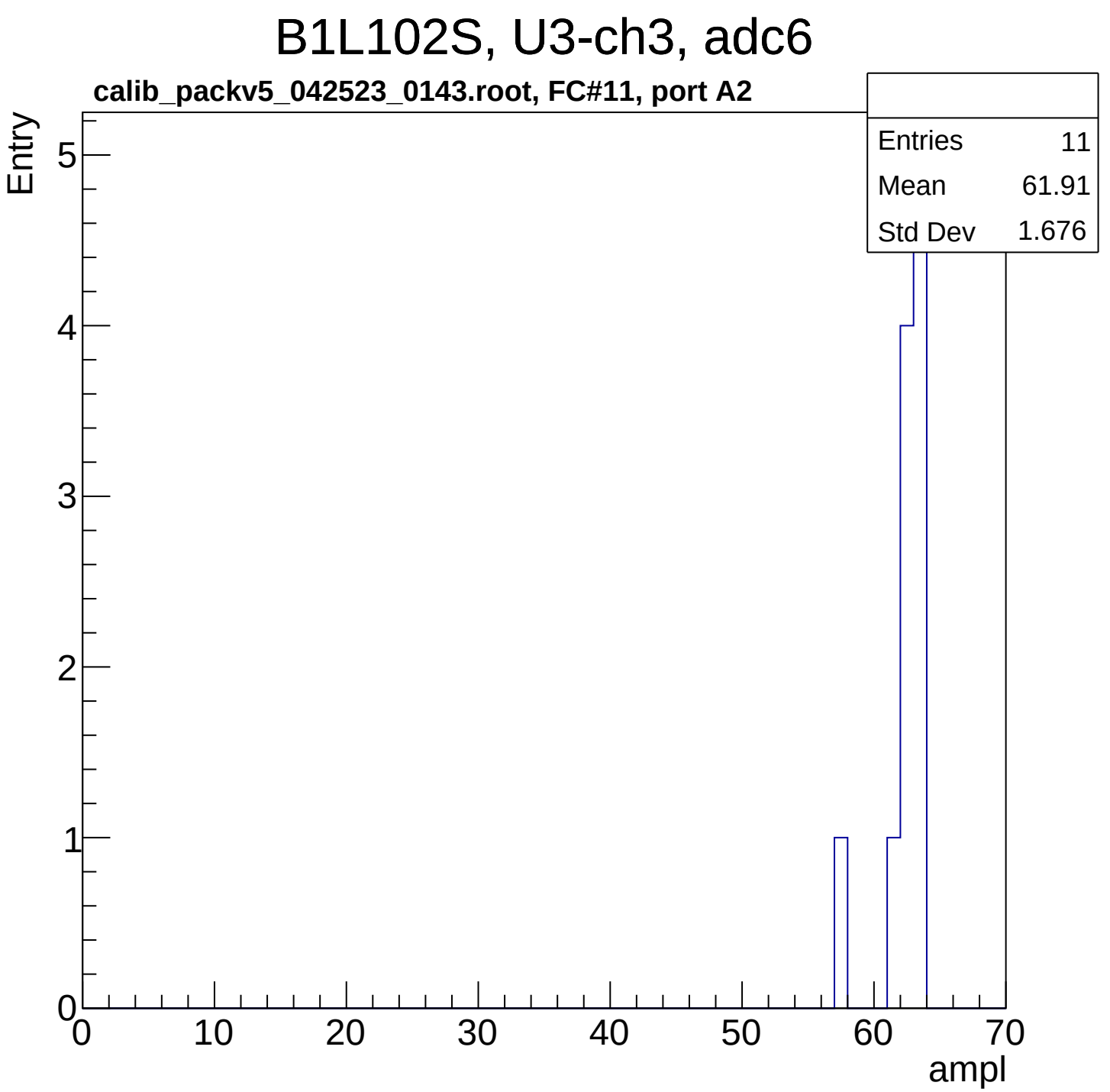
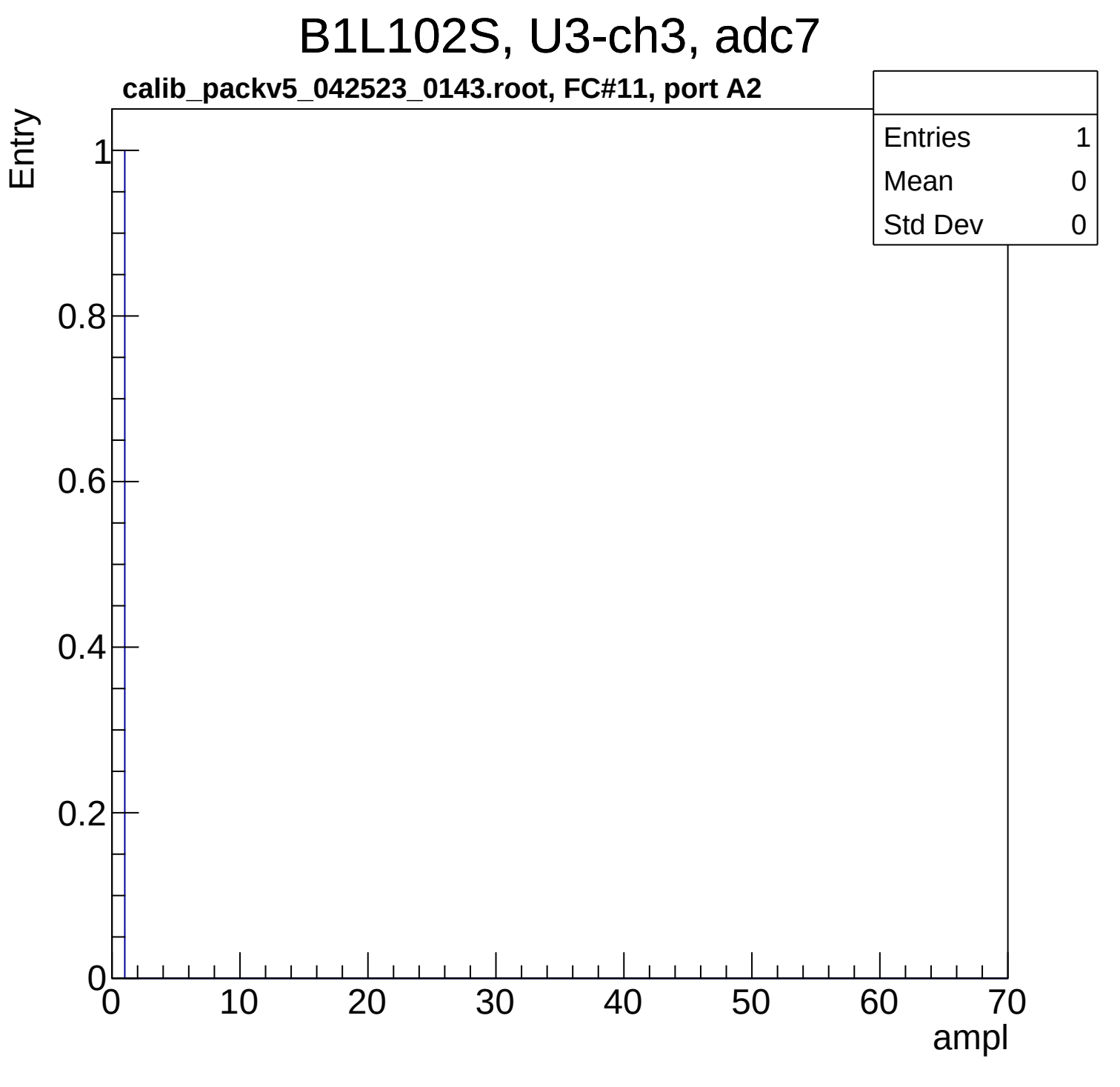

B1L102S, U3-ch3, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 61.91
Std Dev 1.676
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U3-ch3, 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
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50
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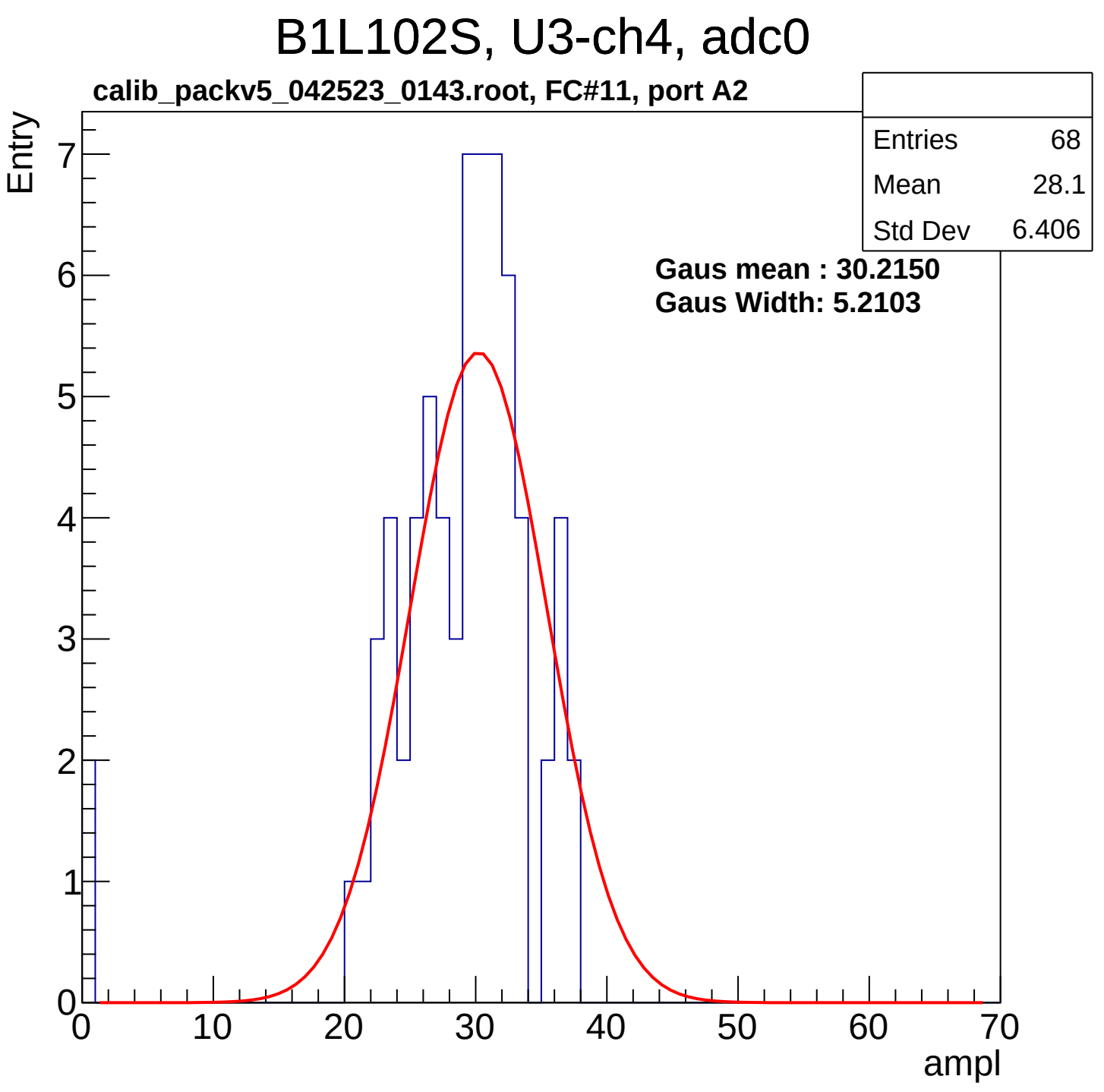
70
ampl


B1L102S, U3-ch4, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 28.1
Std Dev 6.406
Gaus mean : 30.2150
Gaus Width: 5.2103
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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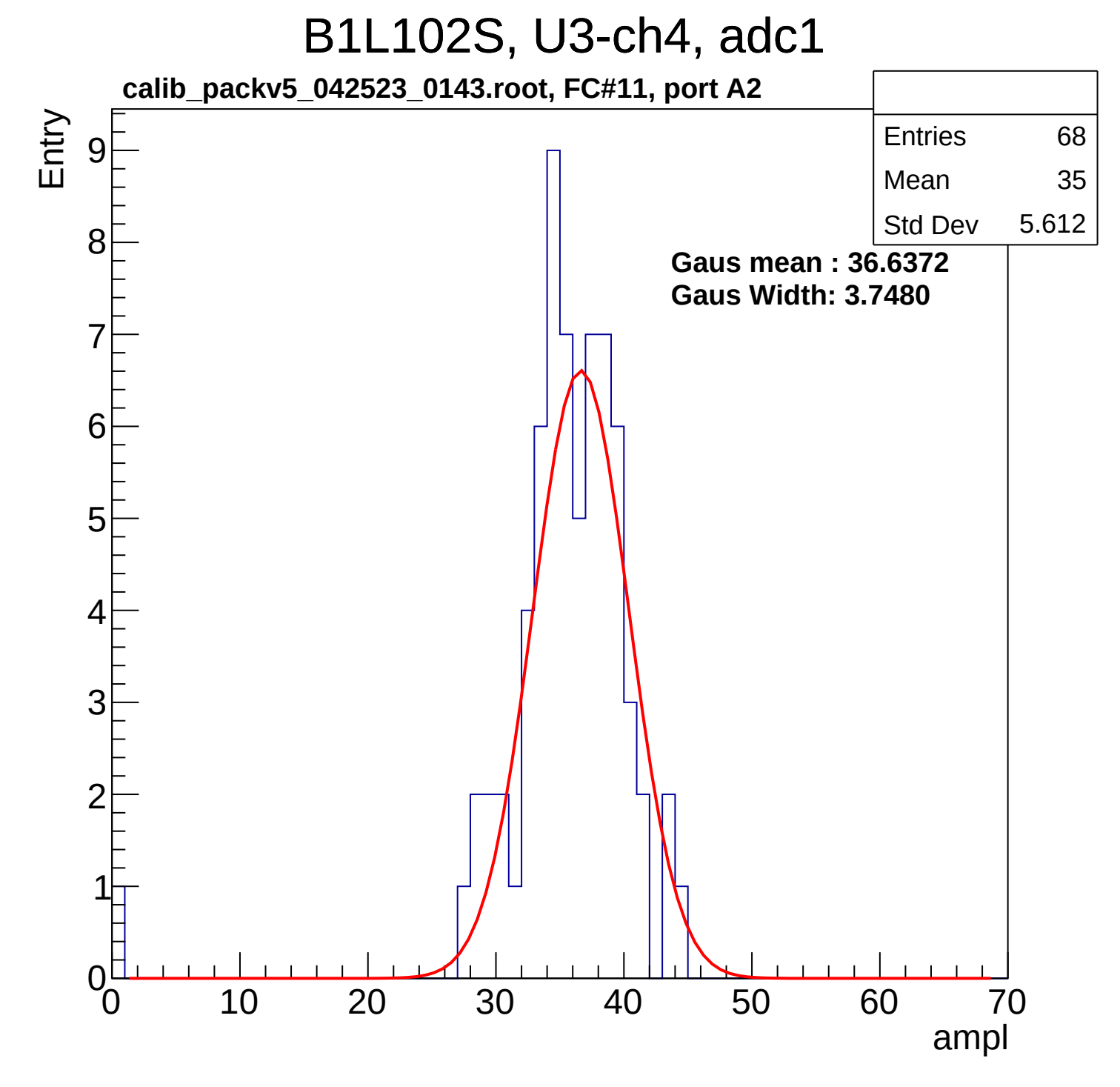
B1L102S, U3-ch4, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 35
Std Dev 5.612
Gaus mean : 36.6372
Gaus Width: 3.7480
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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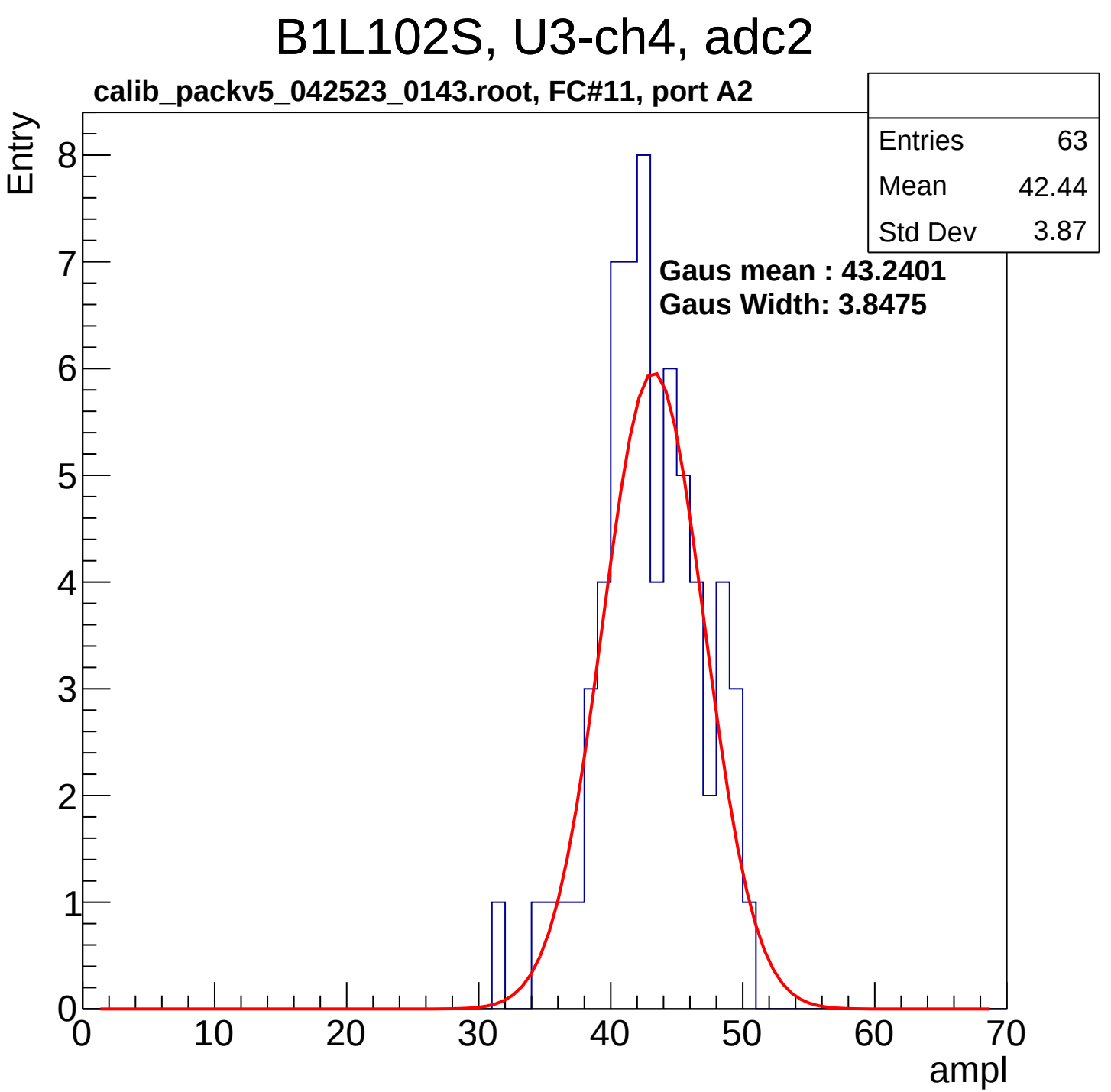
B1L102S, U3-ch4, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 42.44
Std Dev 3.87
Gaus mean : 43.2401
Gaus Width: 3.8475
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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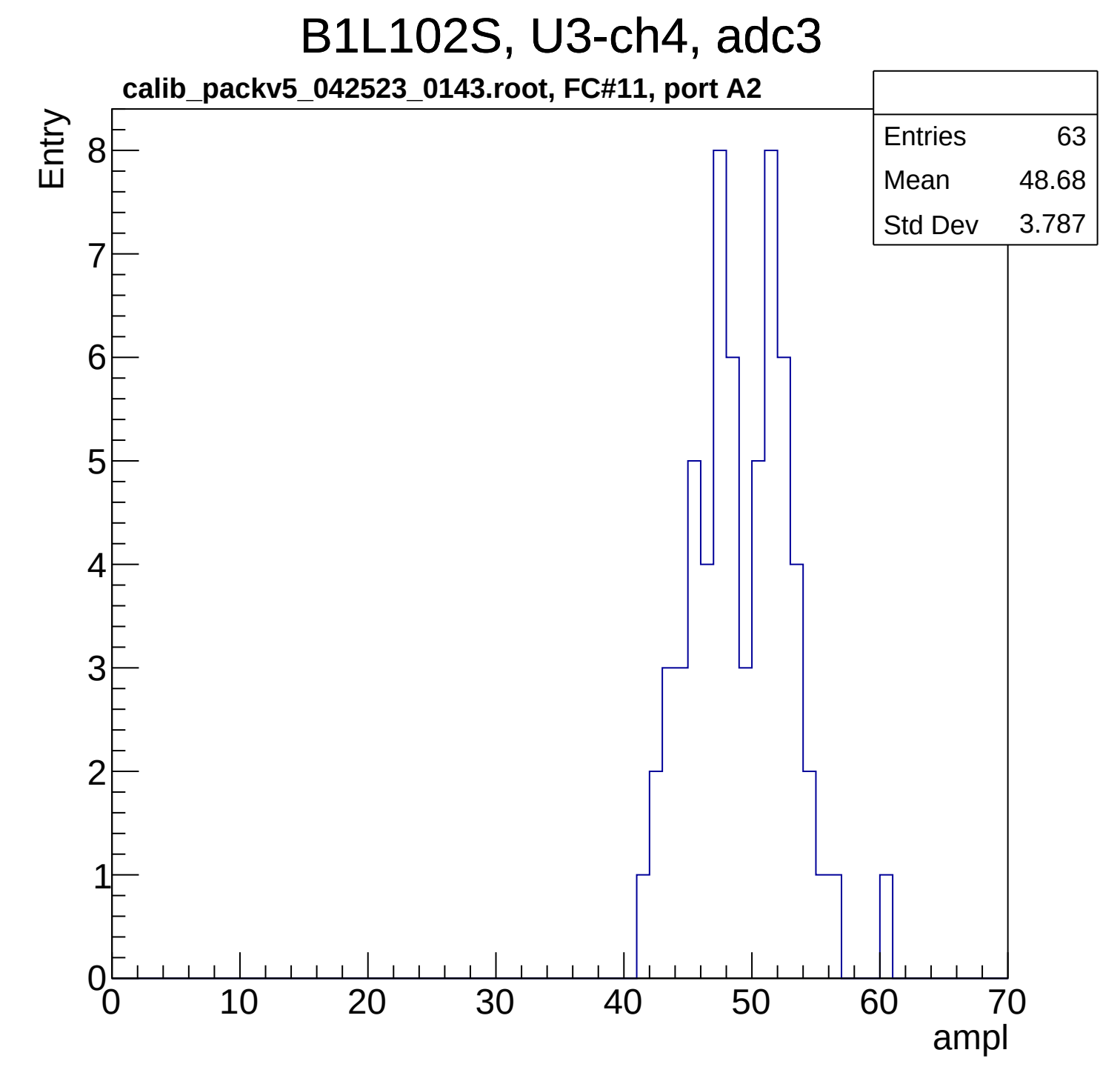
B1L102S, U3-ch4, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.68
Std Dev 3.787
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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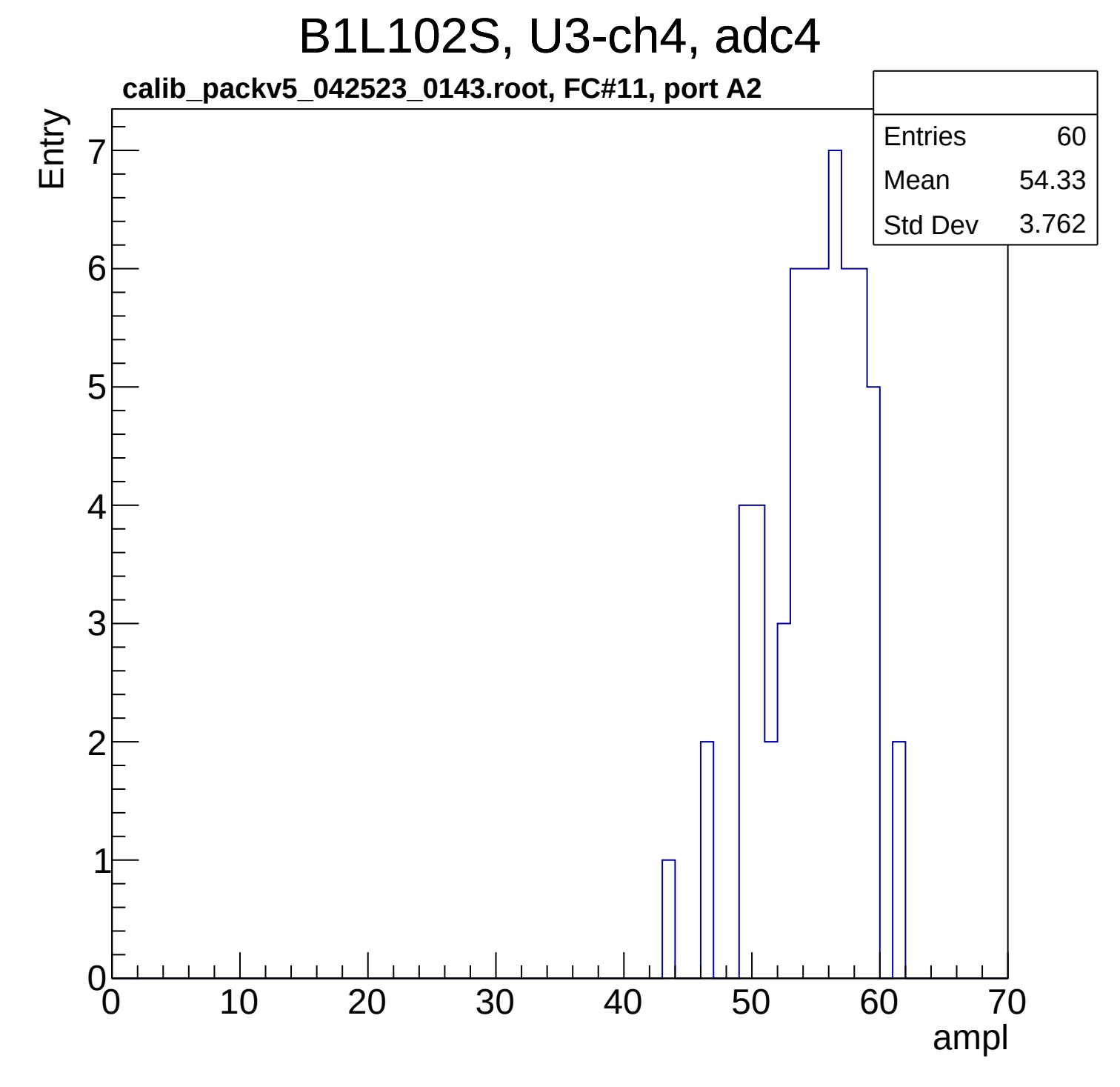
B1L102S, U3-ch4, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 54.33
Std Dev 3.762
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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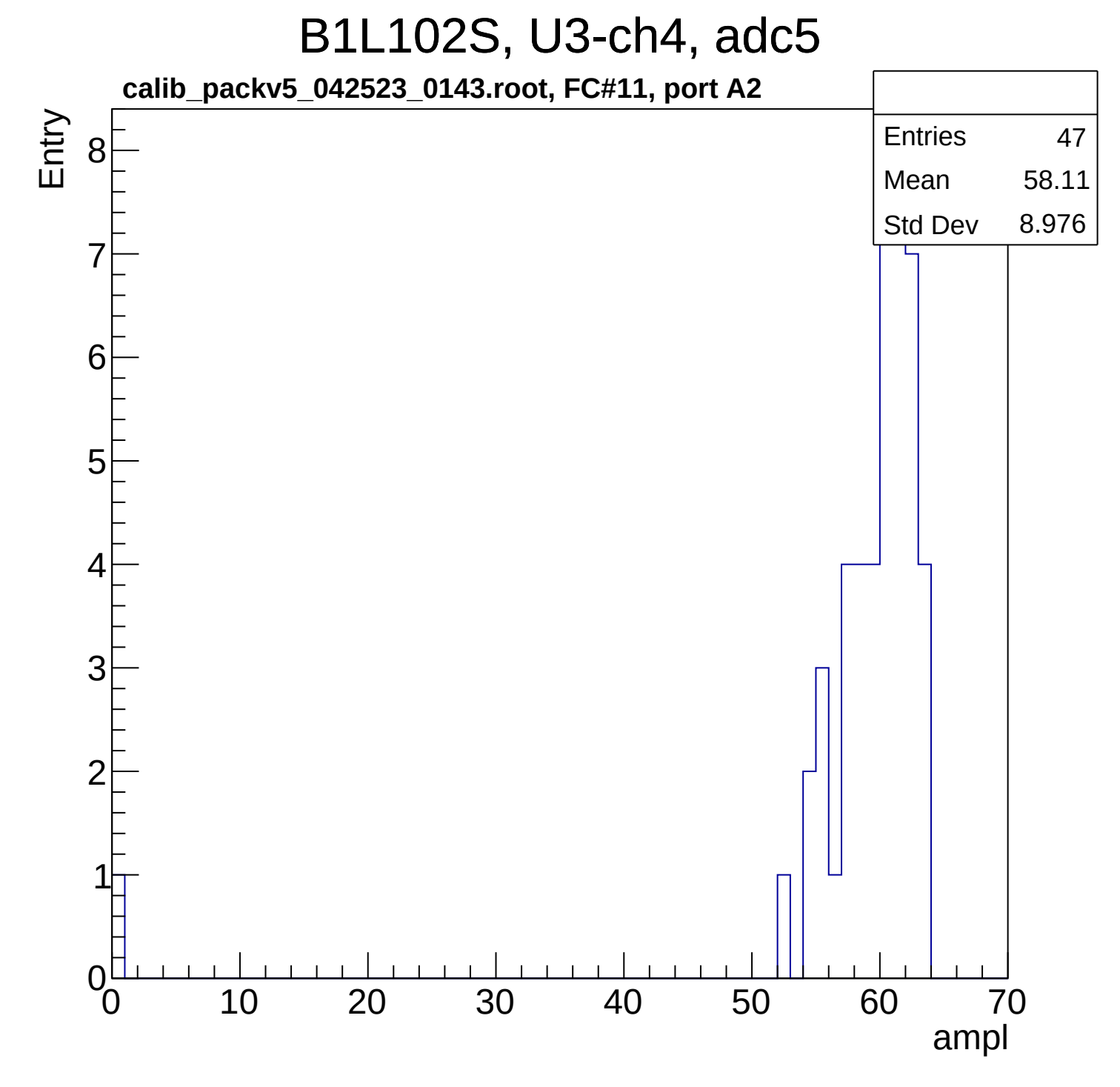
B1L102S, U3-ch4, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 58.11
Std Dev 8.976
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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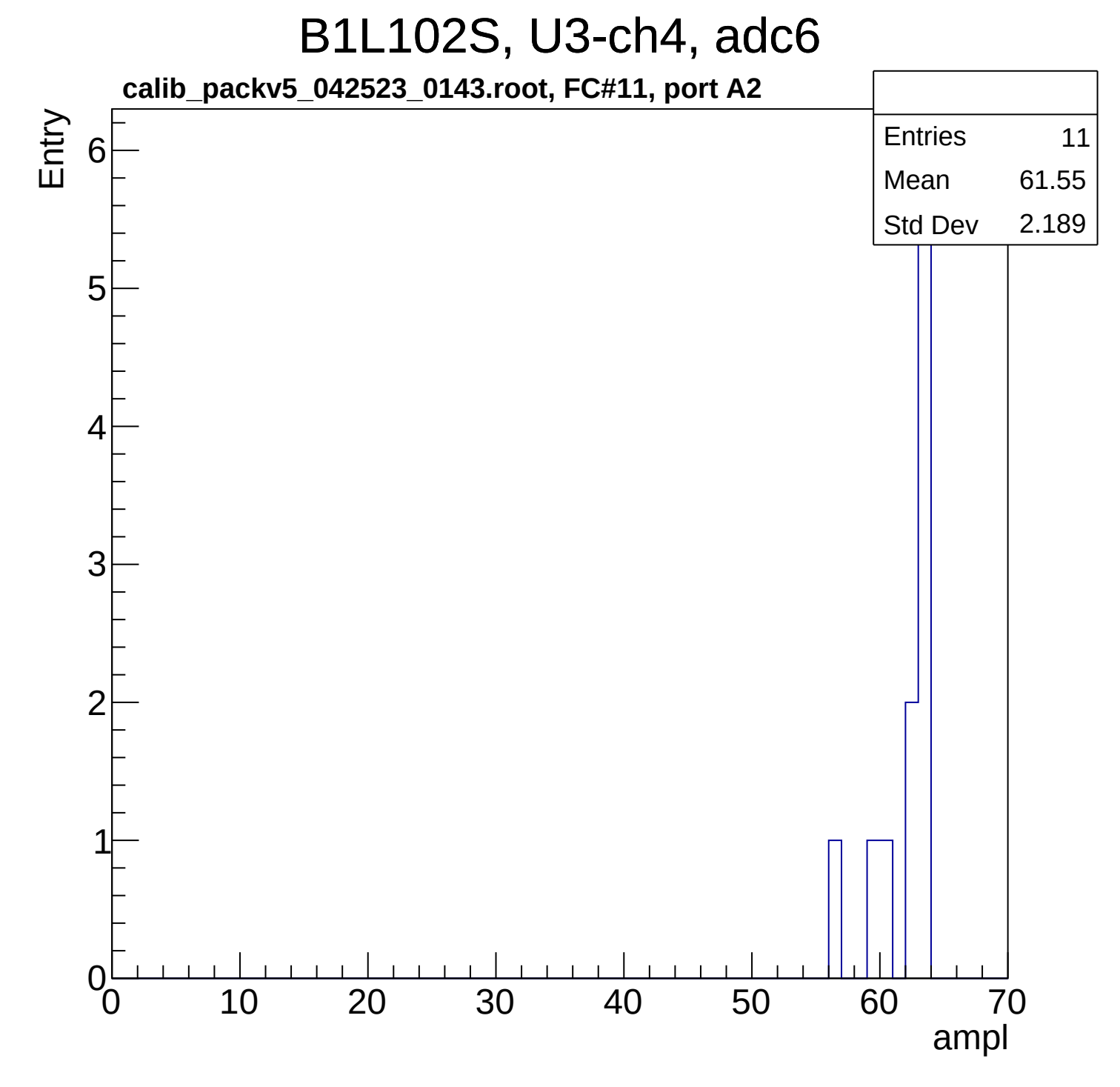
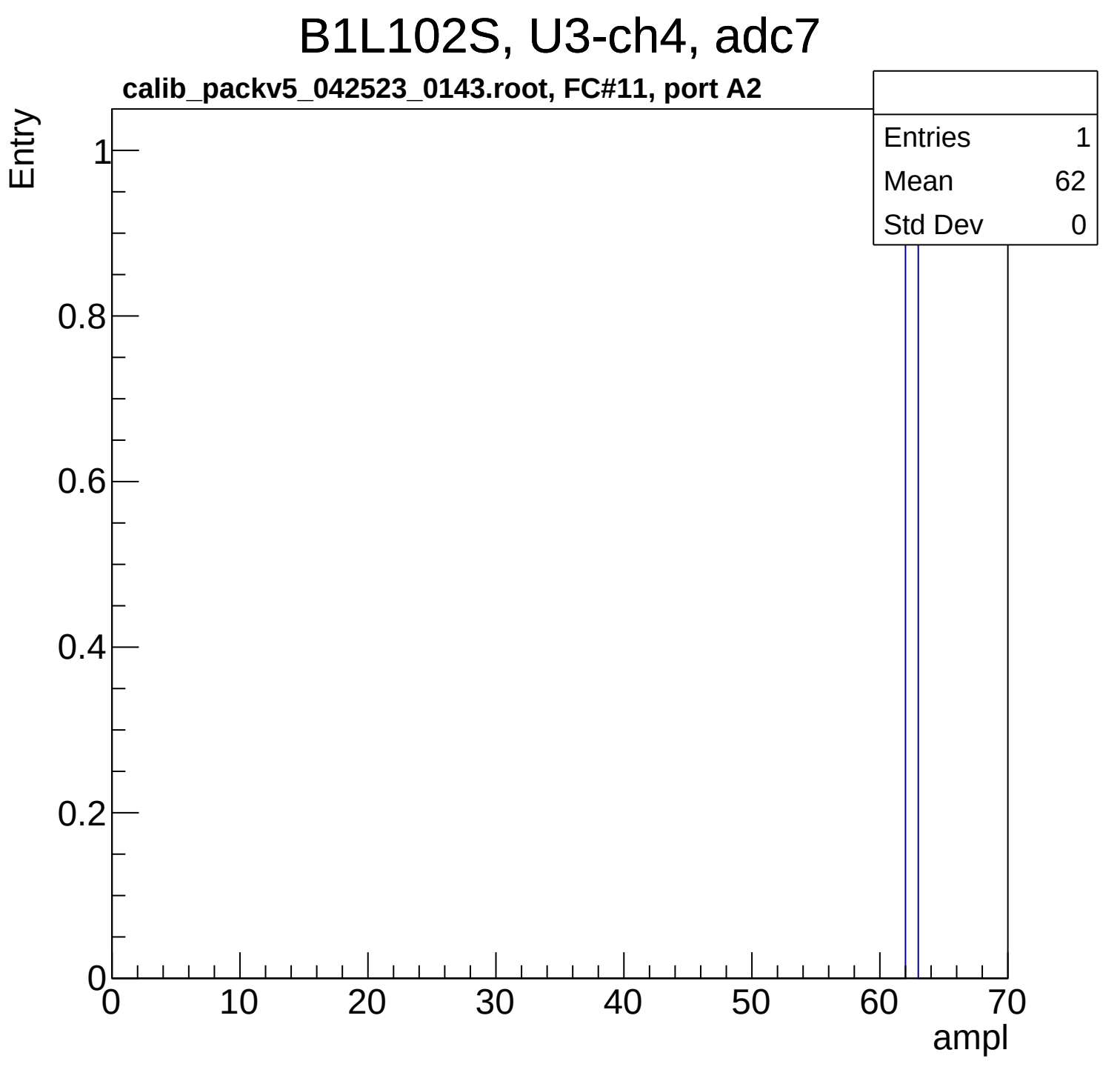

B1L102S, U3-ch4, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 61.55
Std Dev 2.189
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch4, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 62
Std Dev 0
Entry
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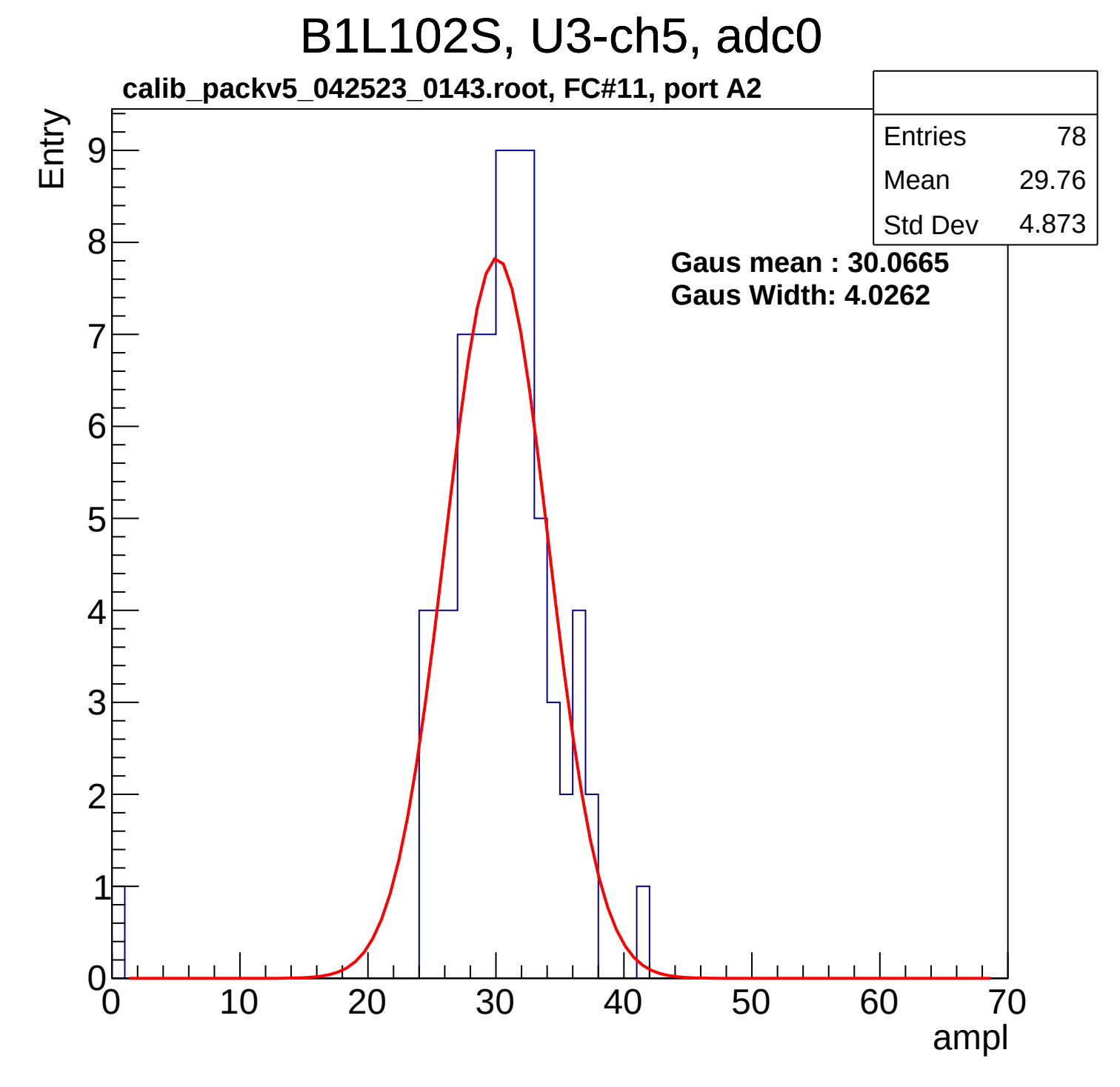
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch5, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 29.76
Std Dev 4.873
Gaus mean : 30.0665
Gaus Width: 4.0262
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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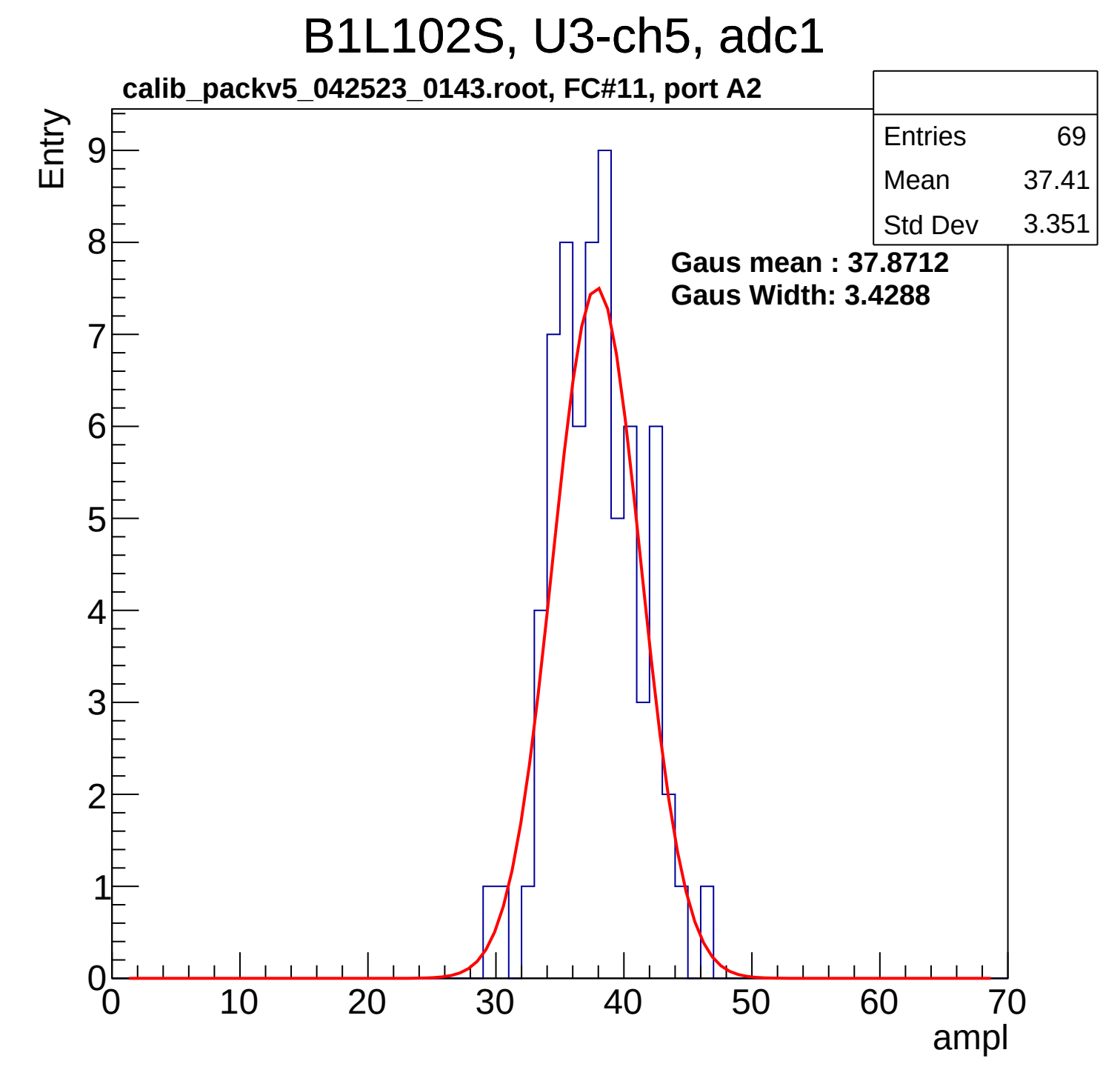
B1L102S, U3-ch5, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 37.41
Std Dev 3.351
Gaus mean : 37.8712
Gaus Width: 3.4288
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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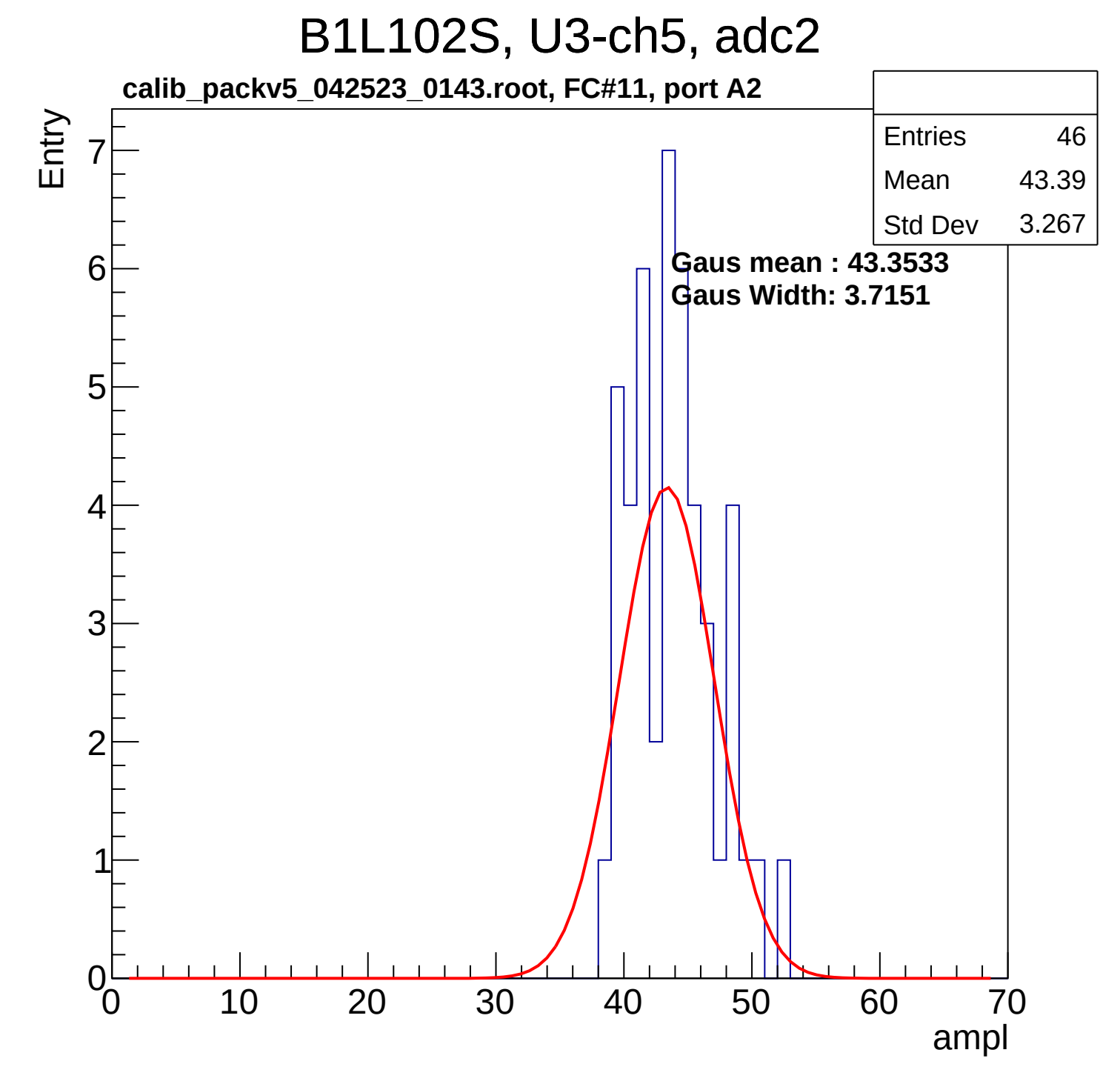
B1L102S, U3-ch5, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 43.39
Std Dev 3.267
Gaus mean : 43.3533
Gaus Width: 3.7151
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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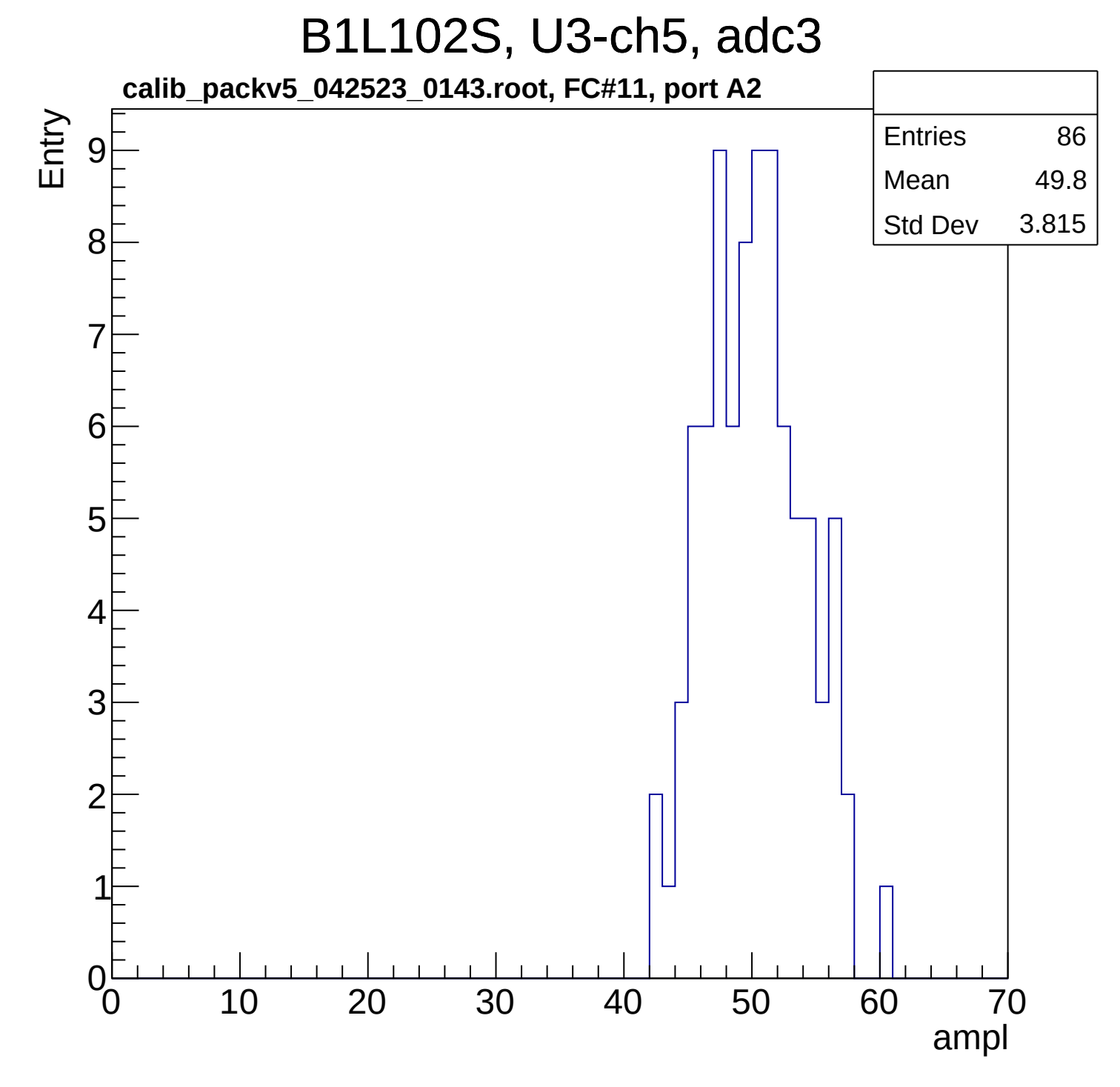
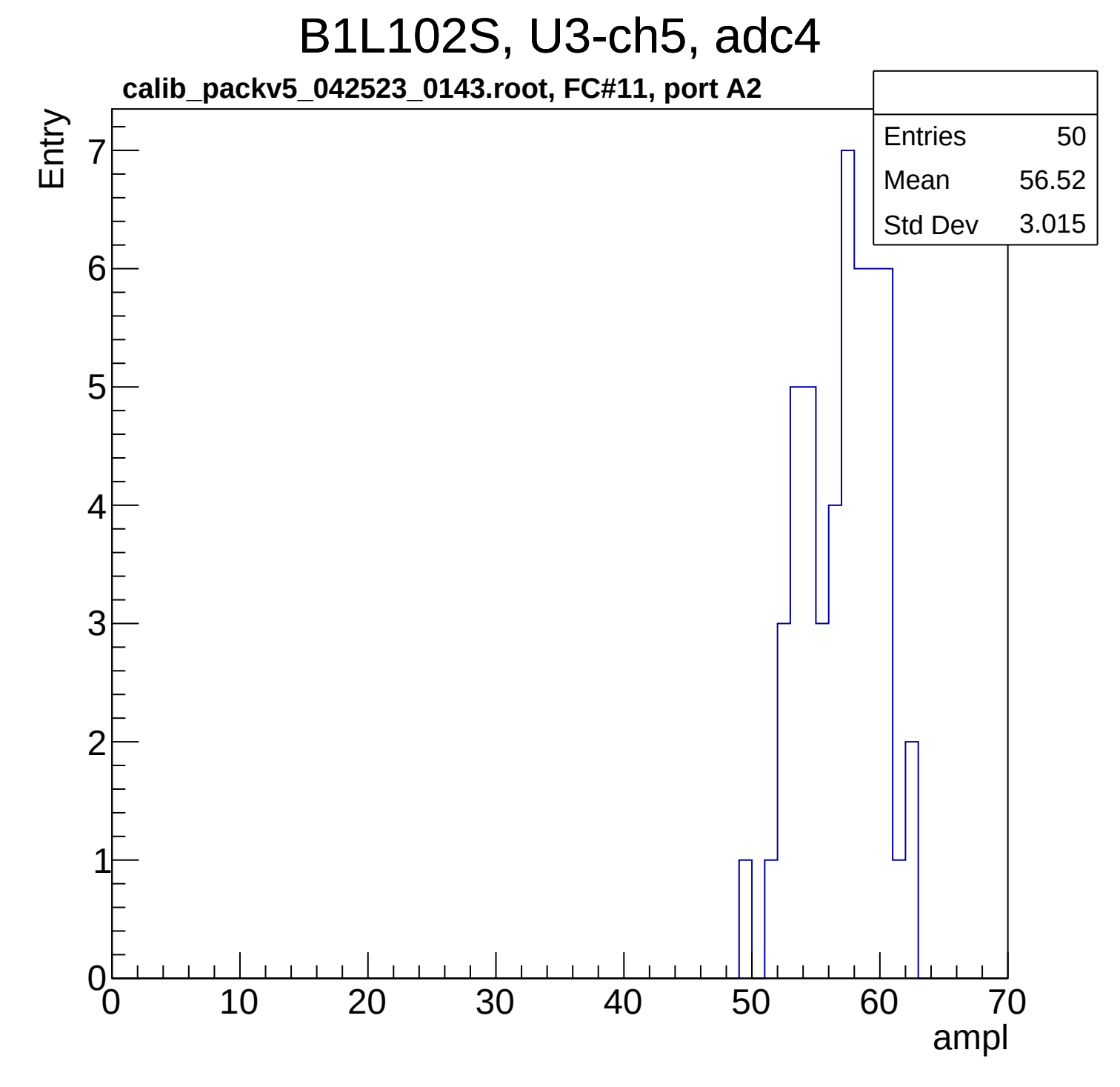
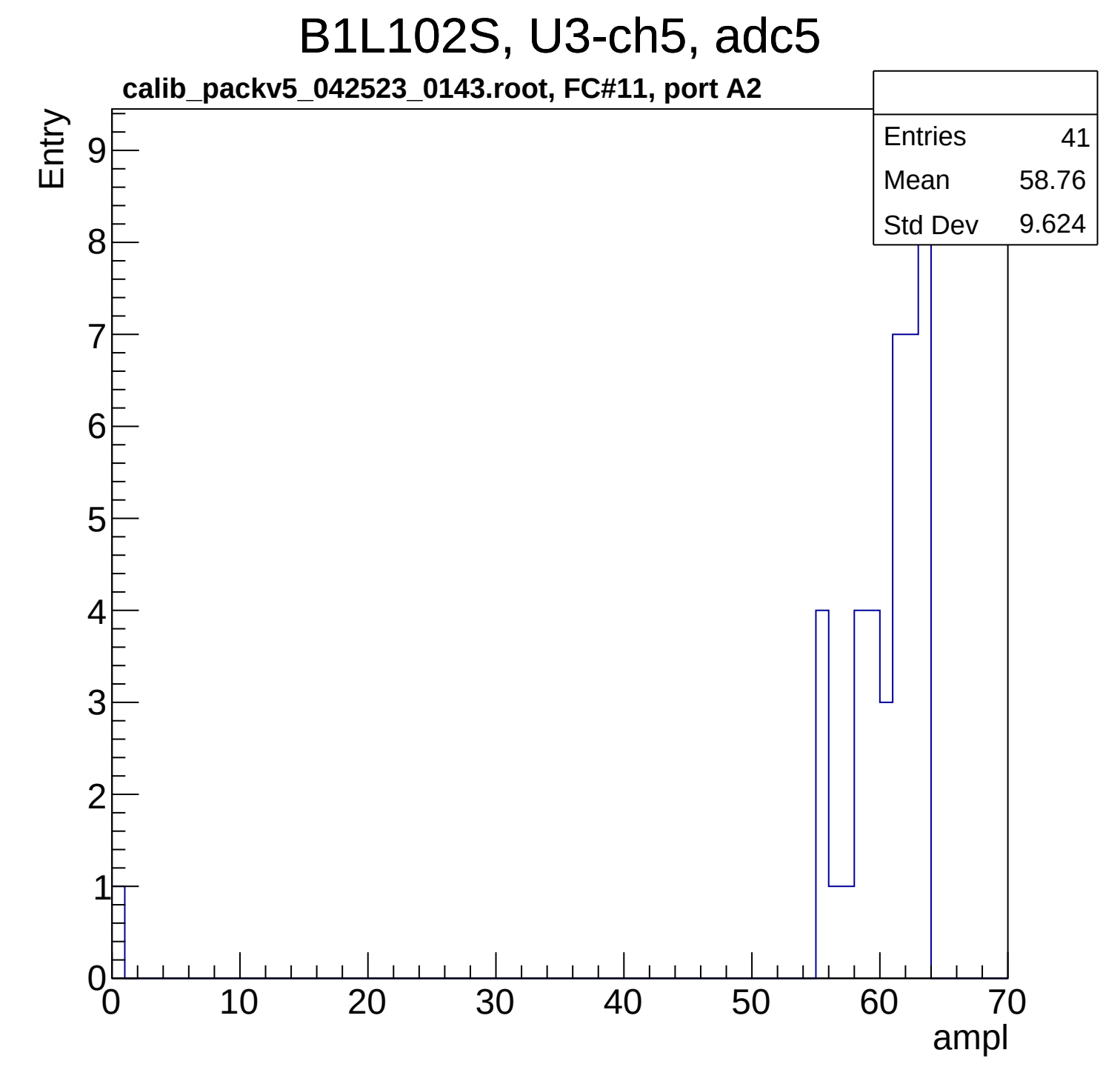

B1L102S, U3-ch5, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 86
Mean 49.8
Std Dev 3.815
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch5, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 56.52
Std Dev 3.015
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch5, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 58.76
Std Dev 9.624
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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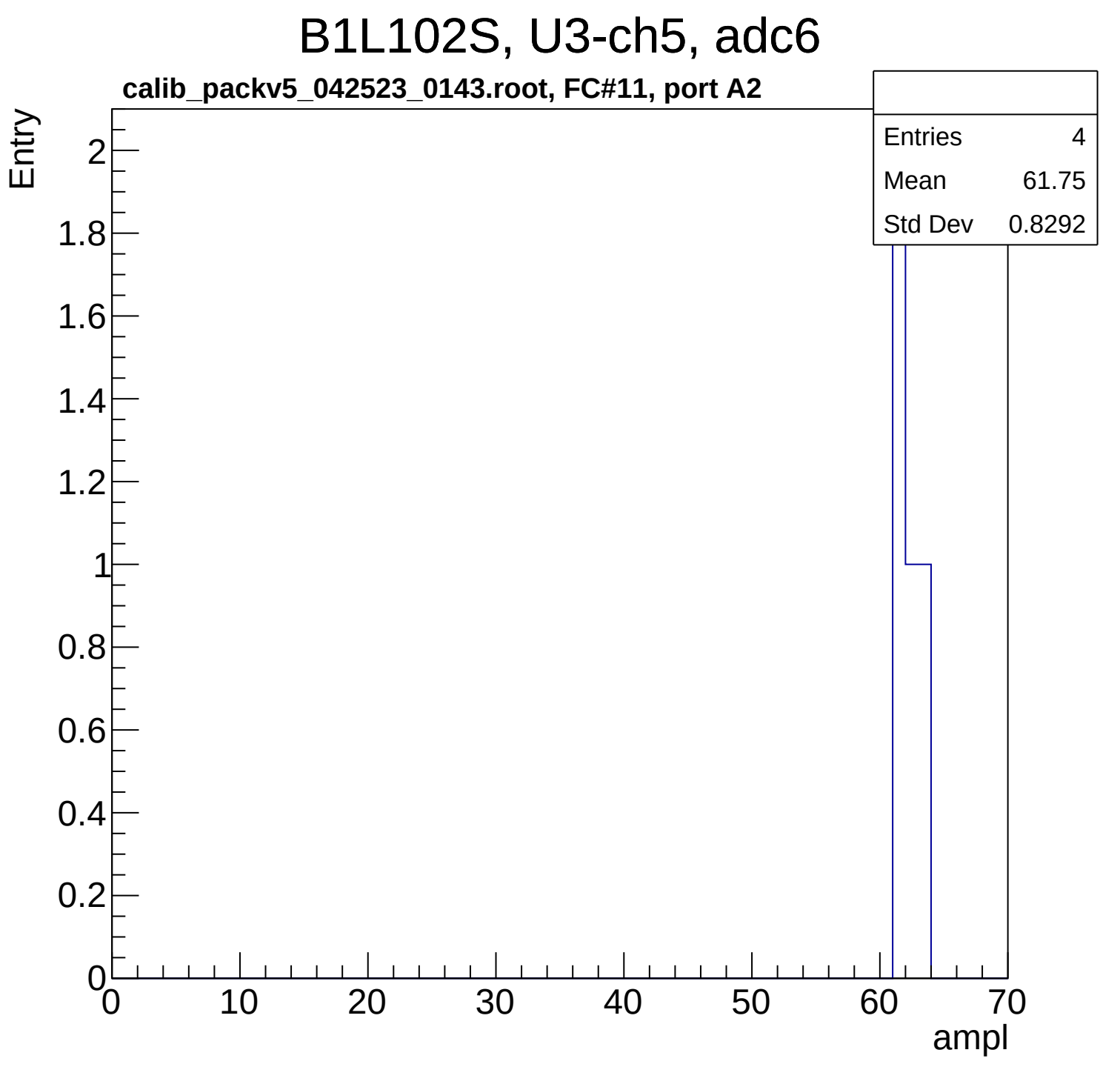
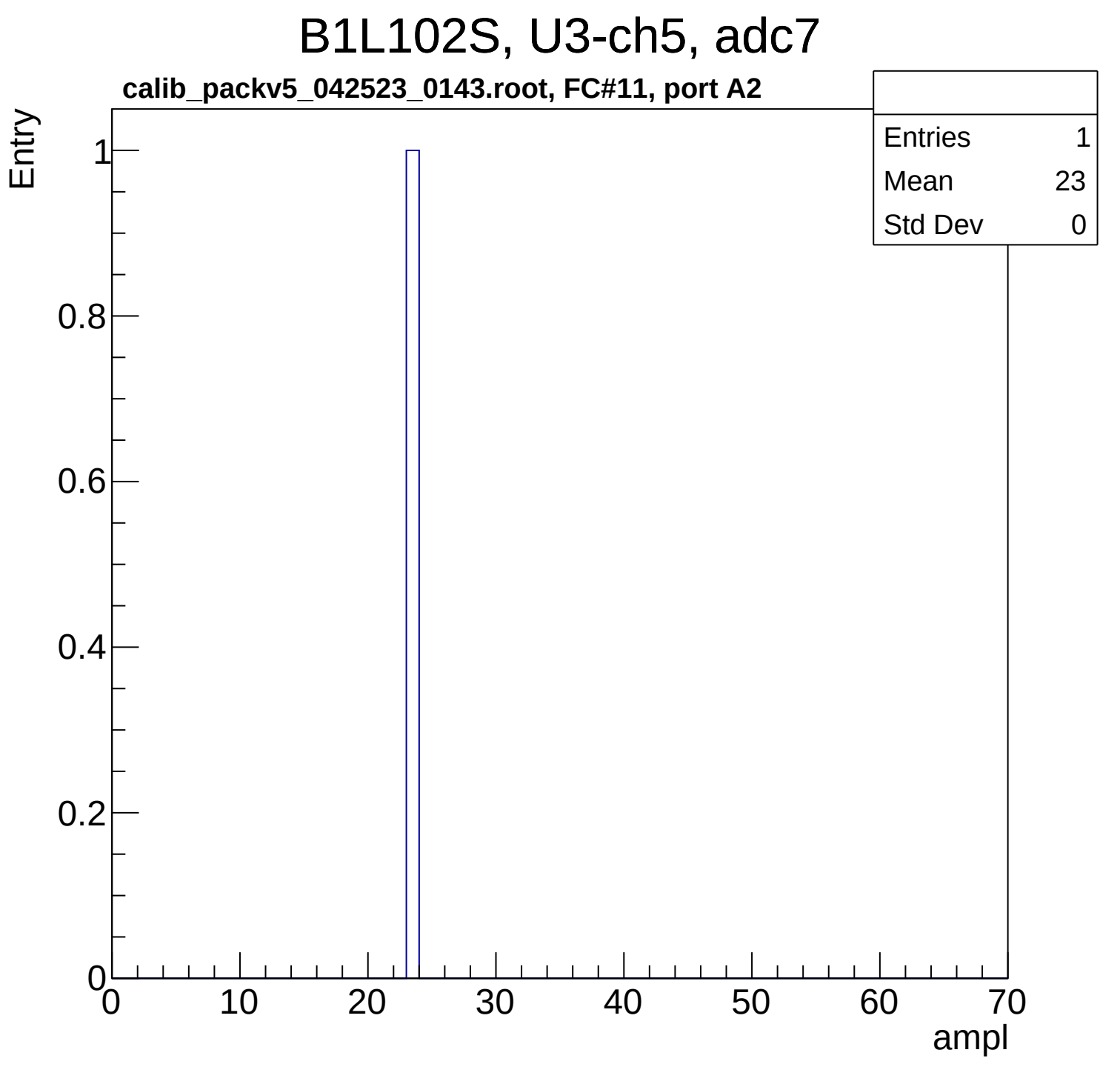

B1L102S, U3-ch5, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 61.75
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch5, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 23
Std Dev 0
Entry
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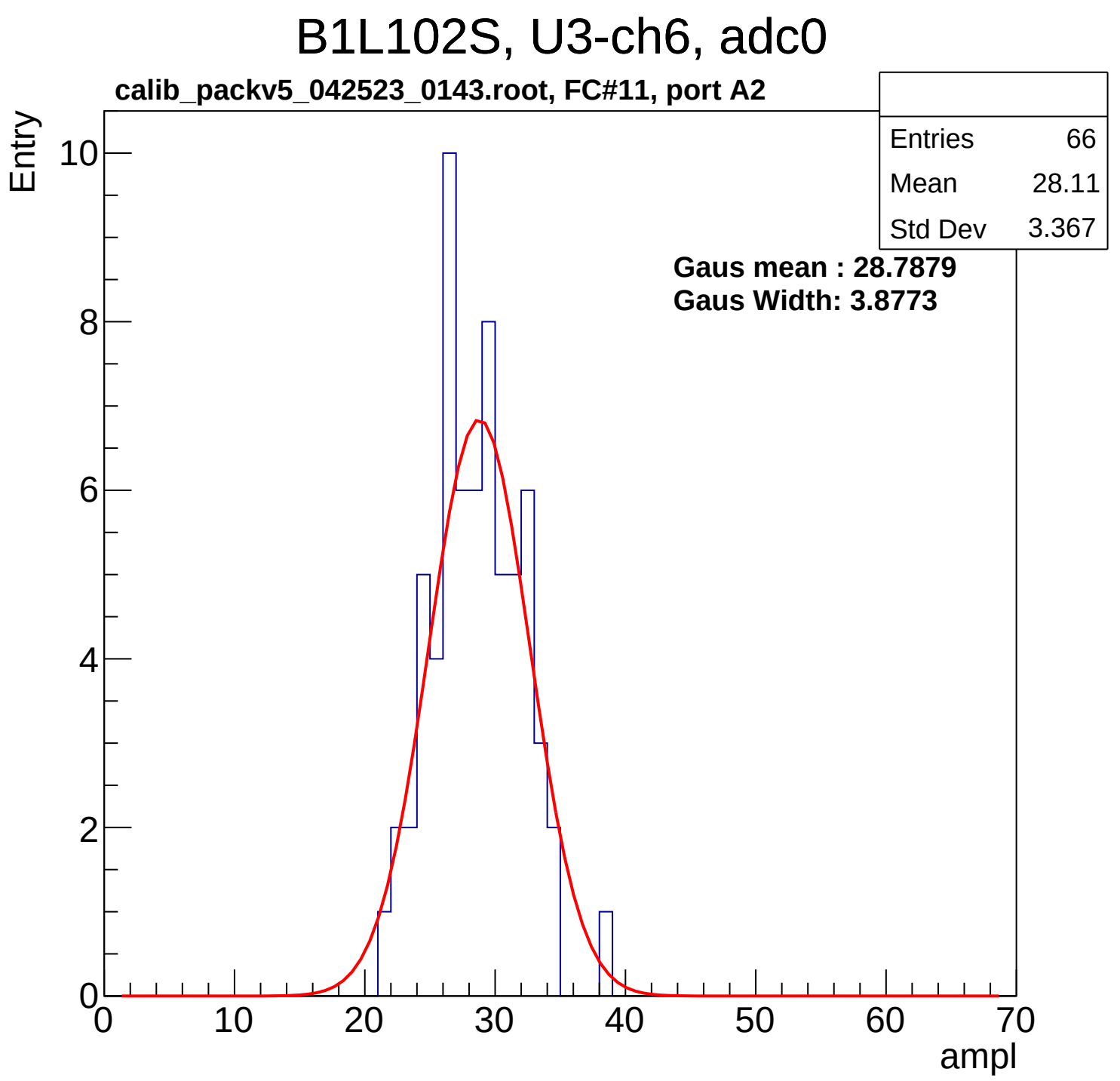
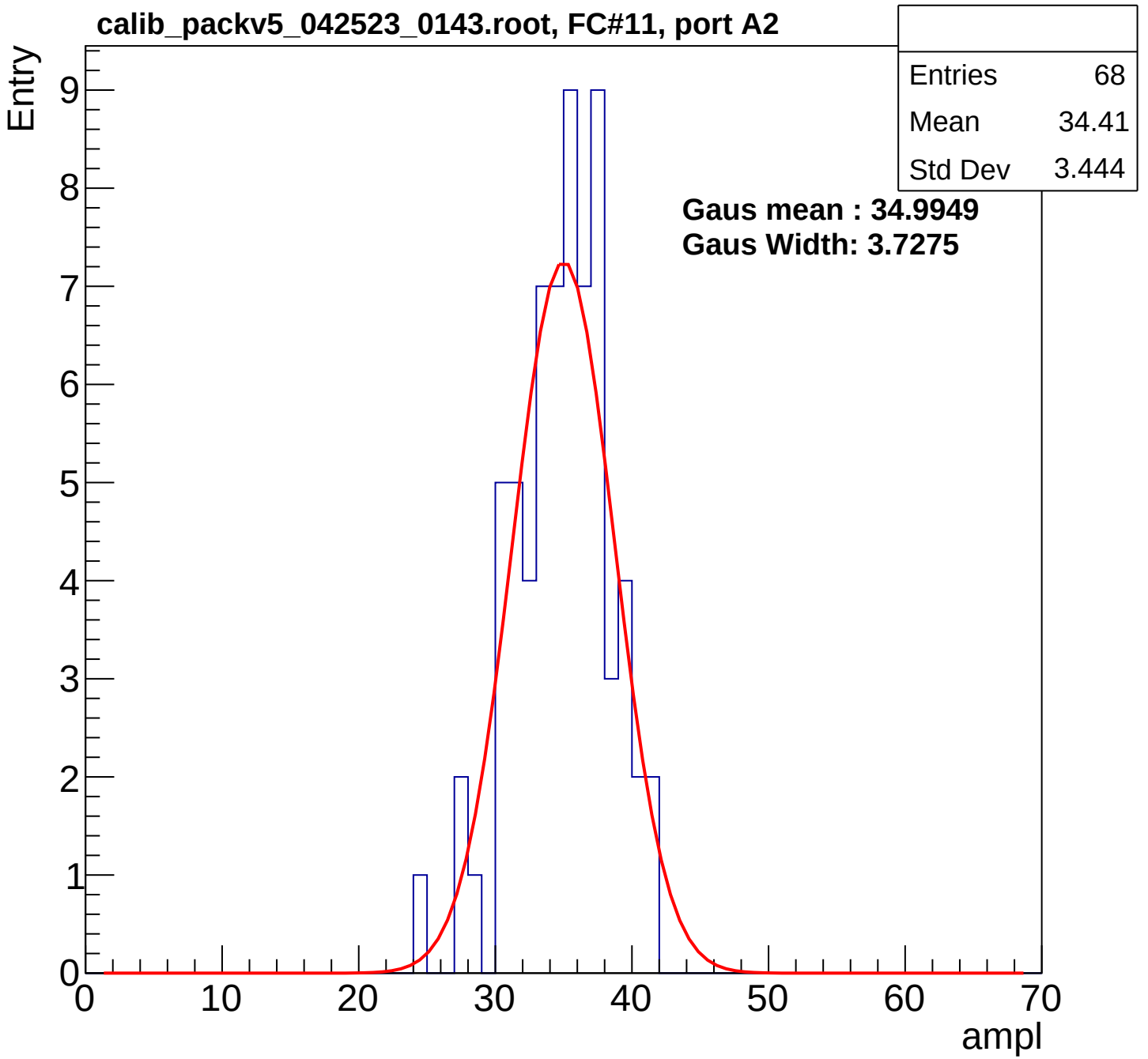
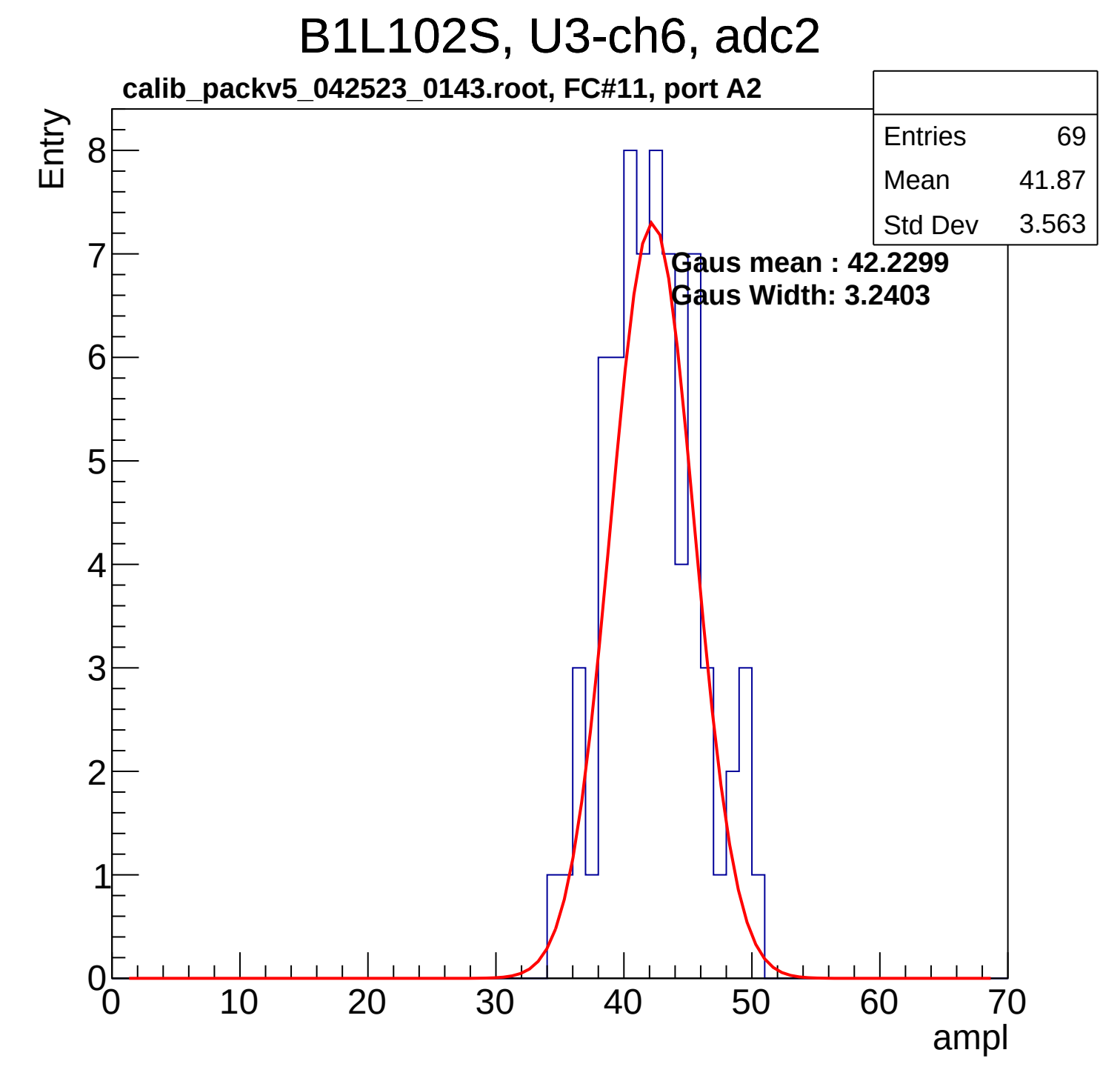
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch6, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 28.11
Std Dev 3.367
Gaus mean : 28.7879
Gaus Width: 3.8773
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch6, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 34.41
Std Dev 3.444
Gaus mean : 34.9949
Gaus Width: 3.7275
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U3-ch6, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 41.87
Std Dev 3.563
Gaus mean : 42.2299
Gaus Width: 3.2403
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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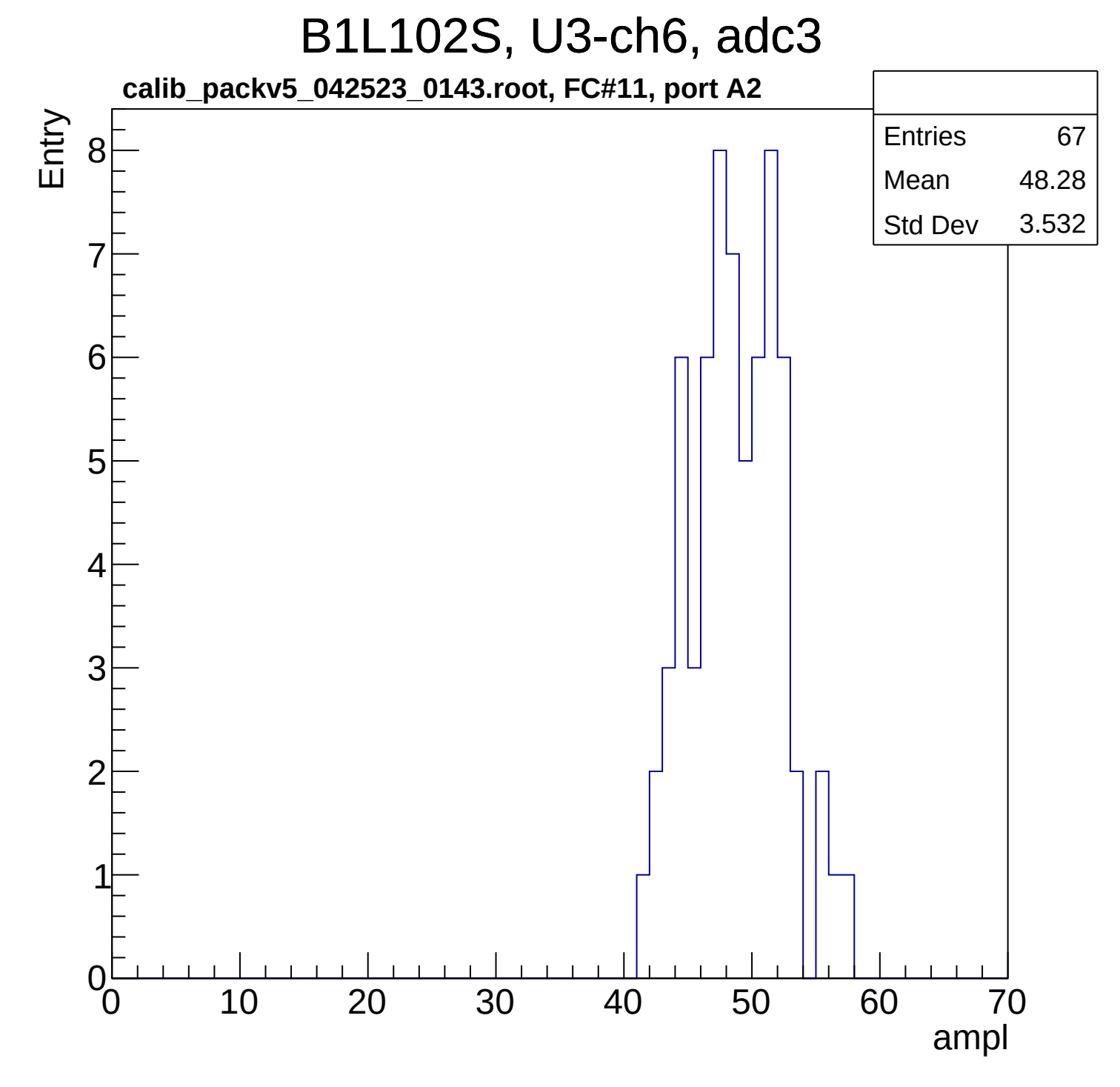
B1L102S, U3-ch6, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 48.28
Std Dev 3.532
Entry
ampl
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4
5
6
7
8
0
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60
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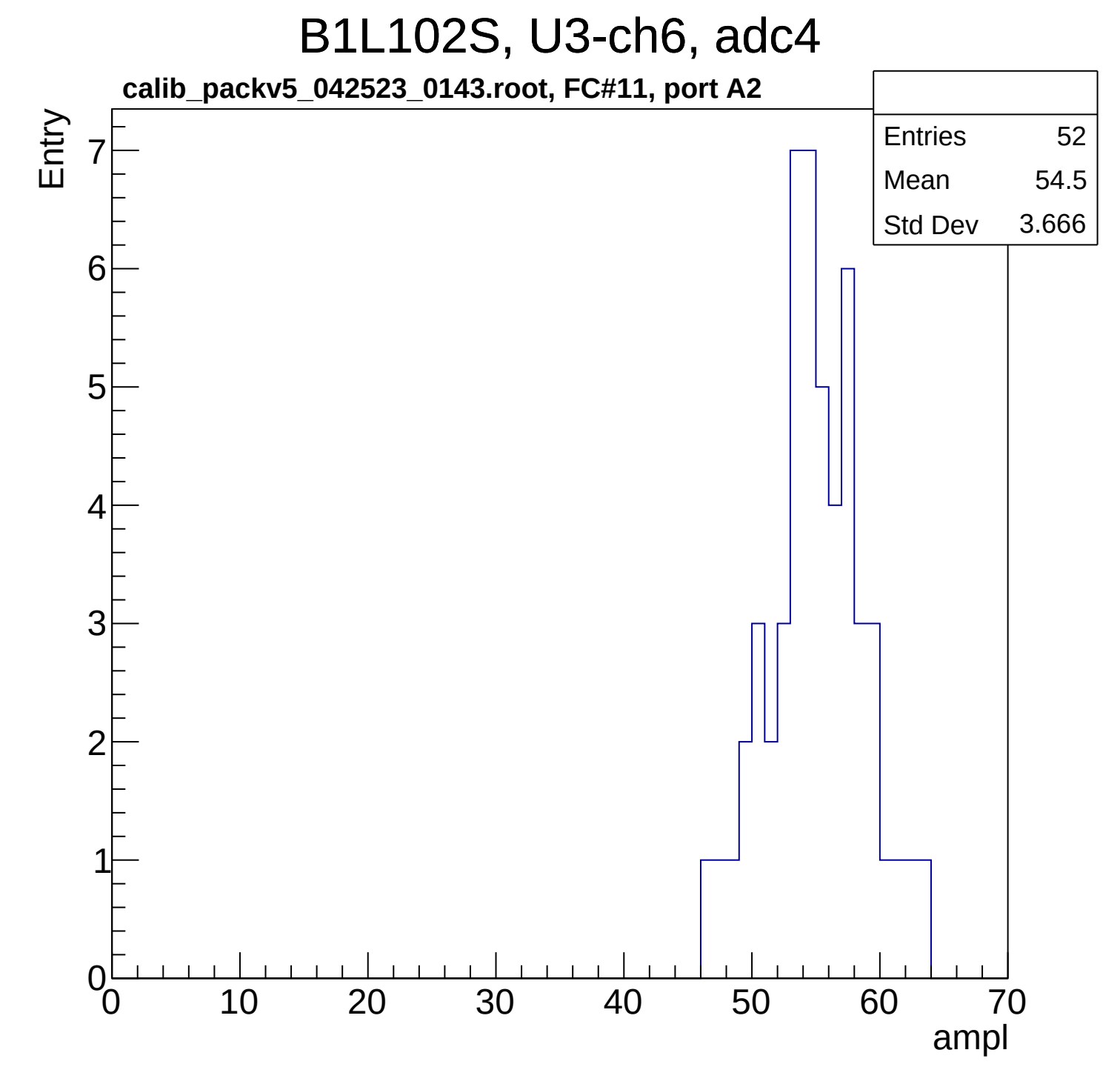
B1L102S, U3-ch6, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 54.5
Std Dev 3.666
Entry
ampl
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1
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3
4
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6
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0
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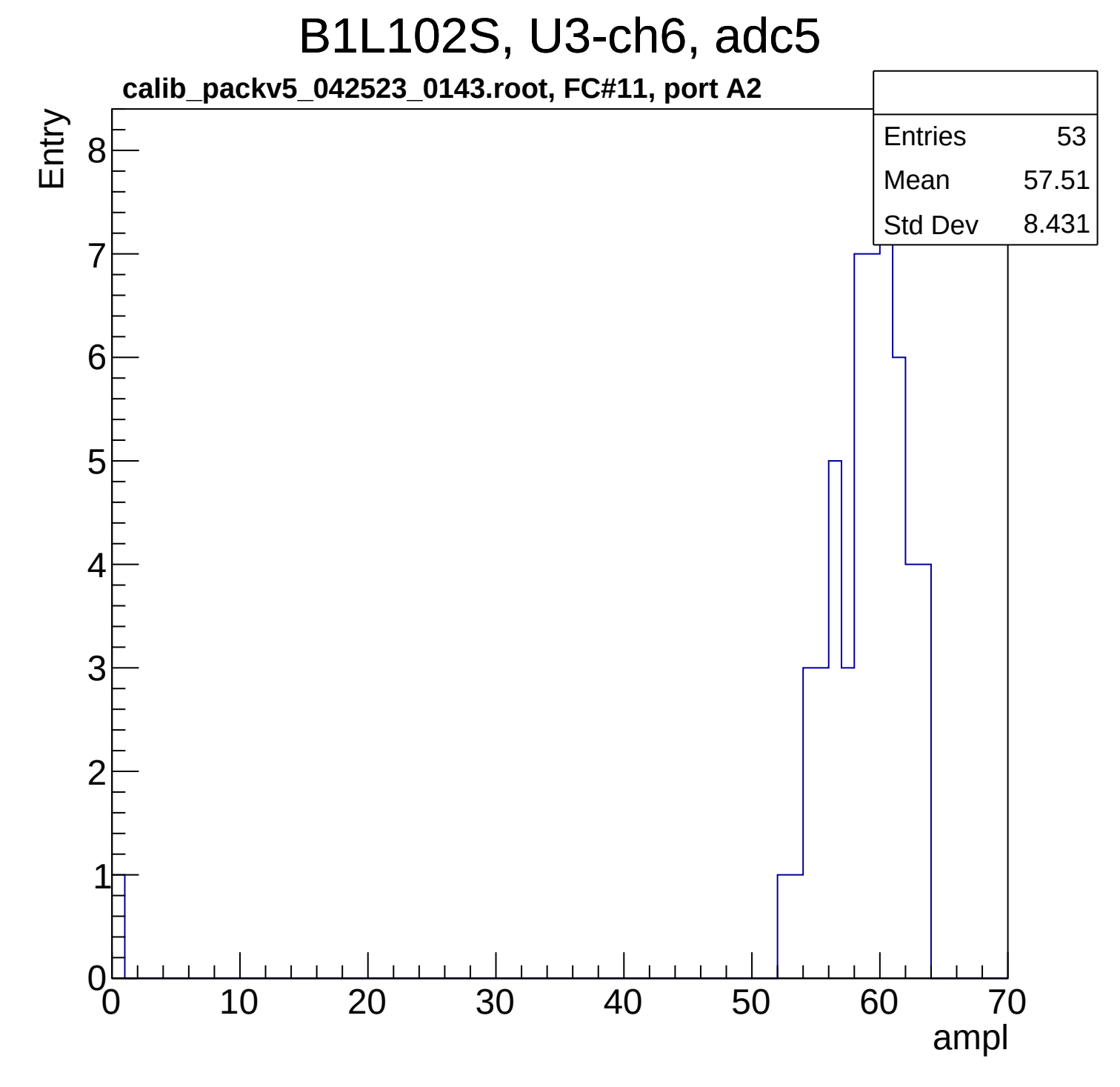
B1L102S, U3-ch6, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 57.51
Std Dev 8.431
Entry
ampl
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3
4
5
6
7
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0
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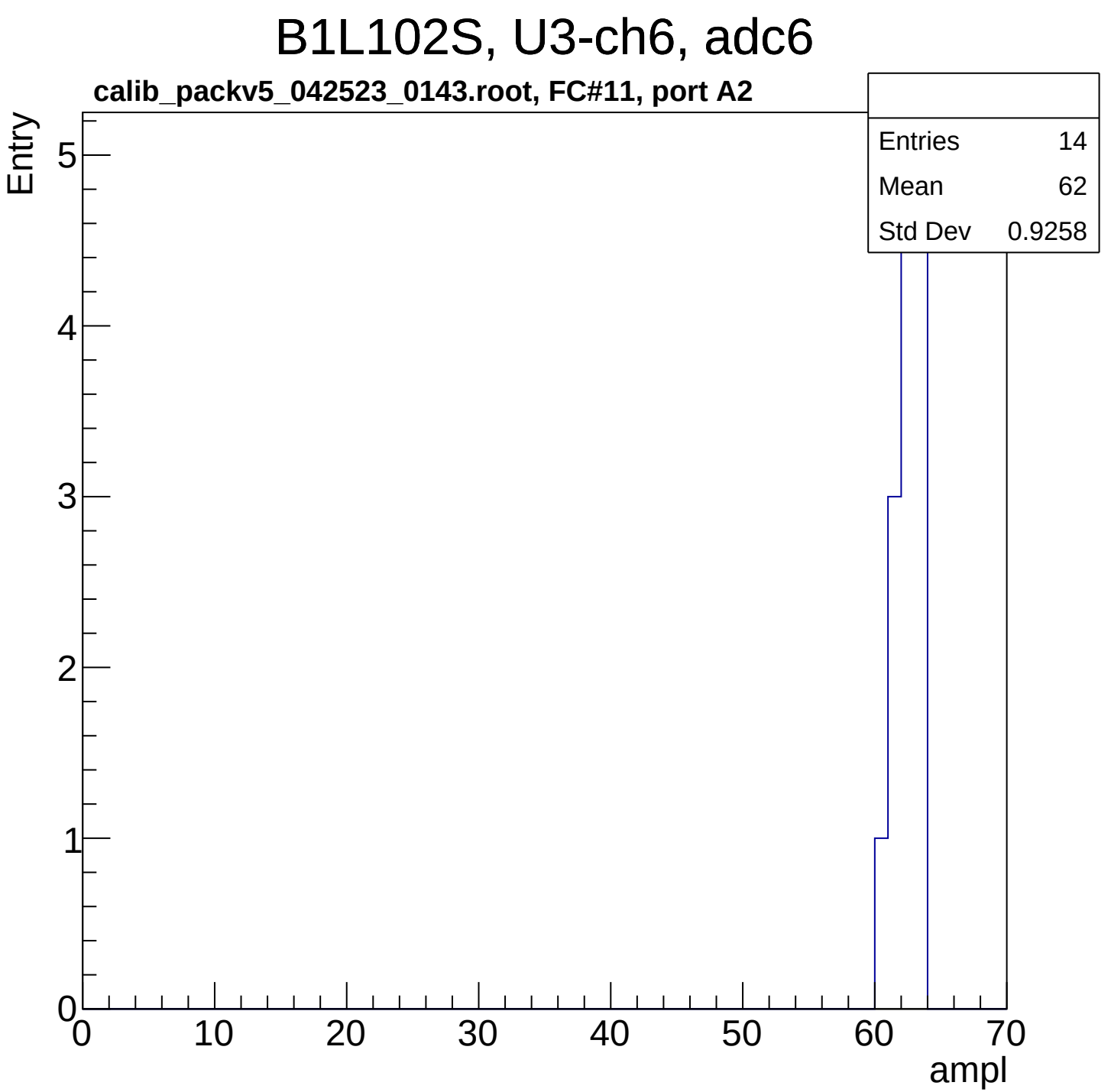
B1L102S, U3-ch6, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 62
Std Dev 0.9258
Entry
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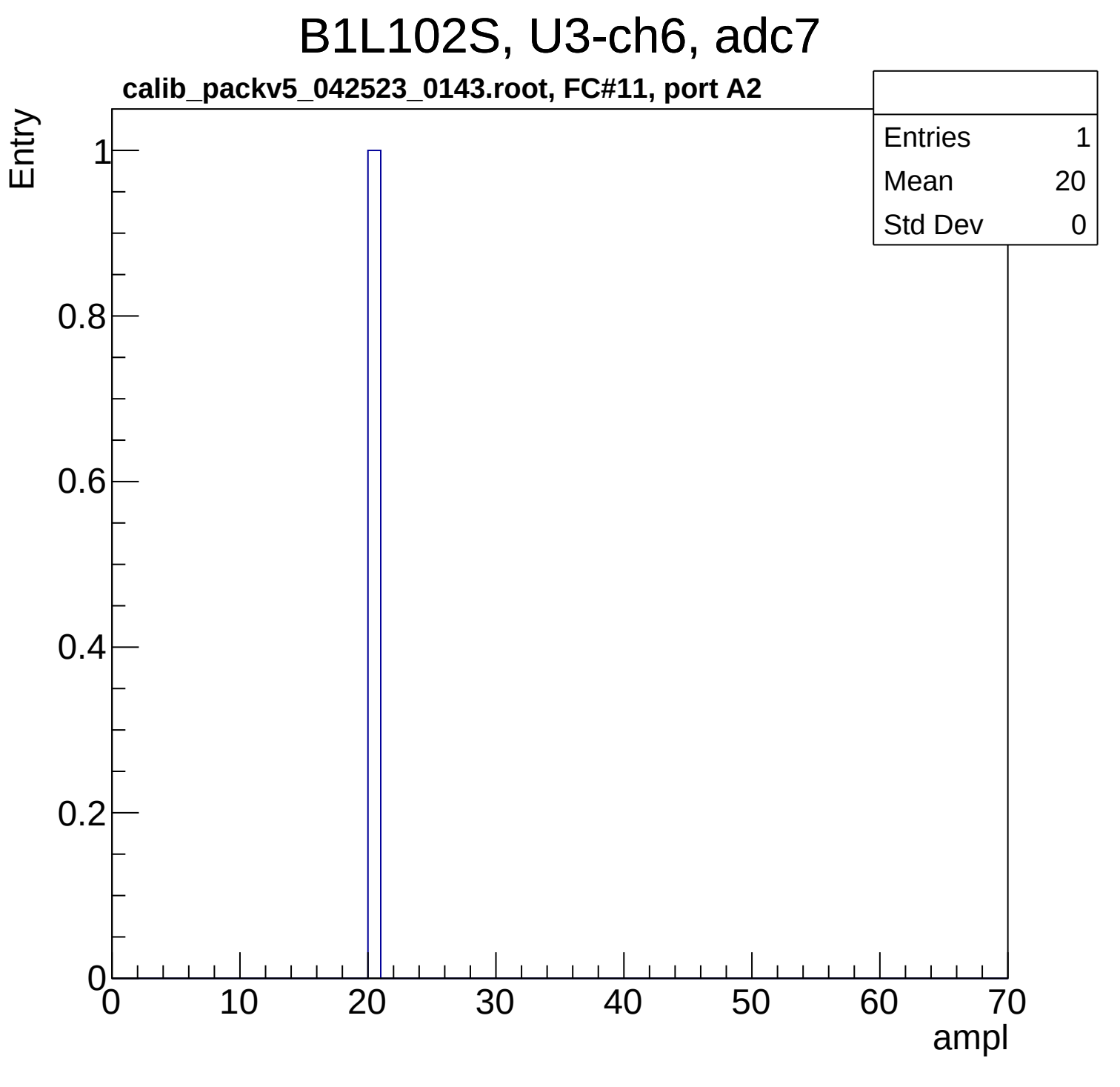
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch6, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 20
Std Dev 0
Entry
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0.6
0.4
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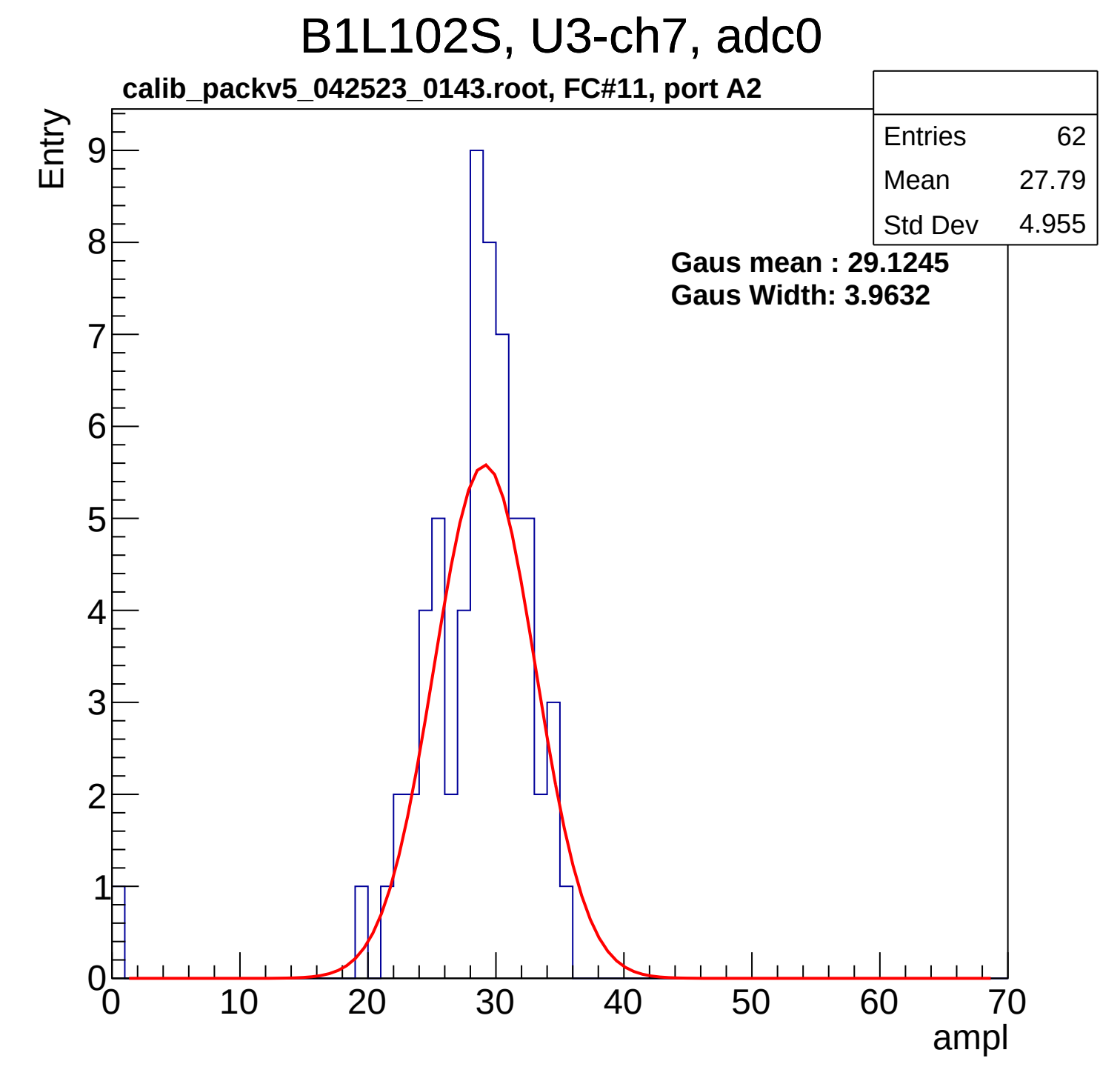
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch7, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 27.79
Std Dev 4.955
Gaus mean : 29.1245
Gaus Width: 3.9632
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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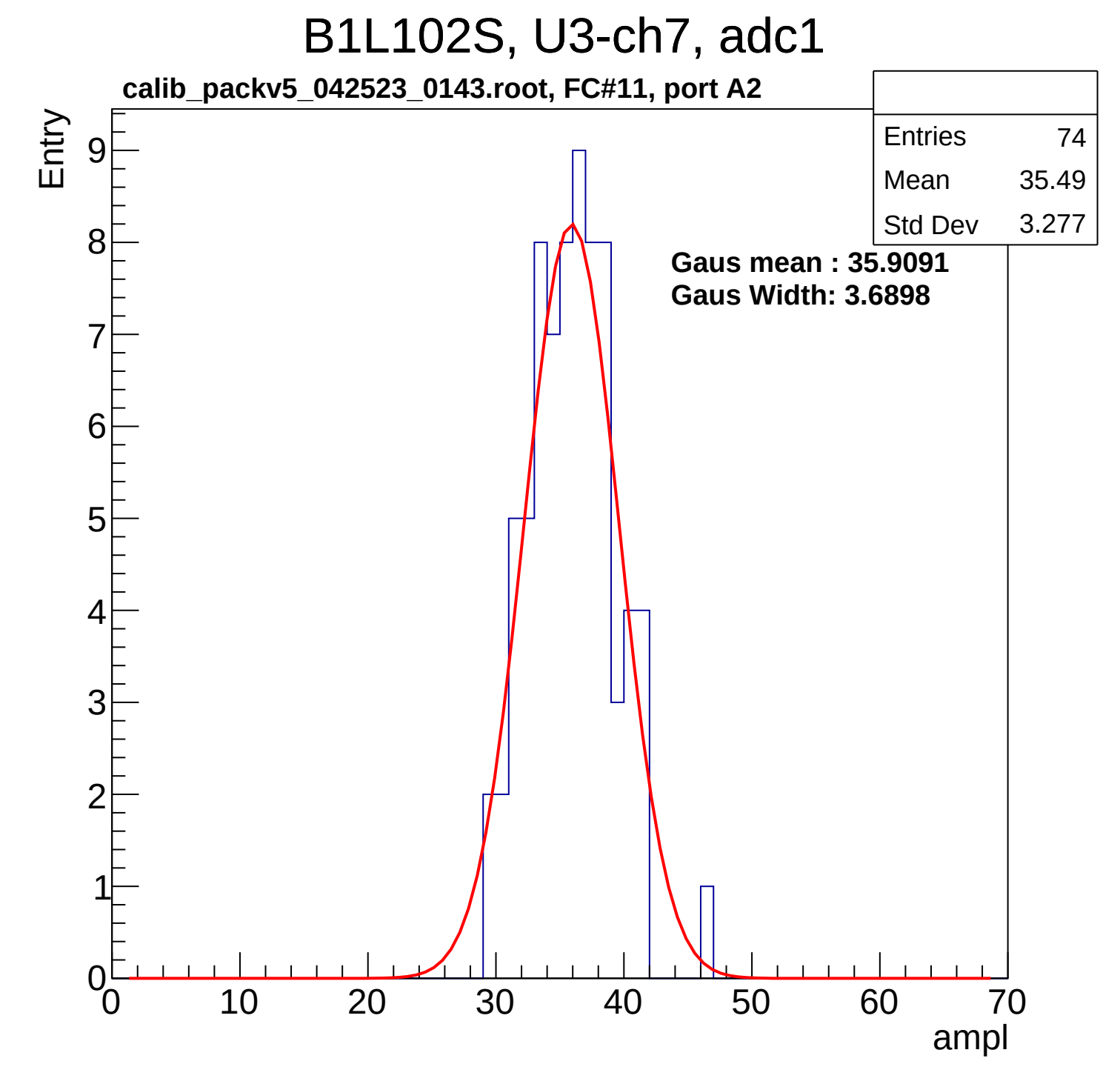
B1L102S, U3-ch7, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 35.49
Std Dev 3.277
Gaus mean : 35.9091
Gaus Width: 3.6898
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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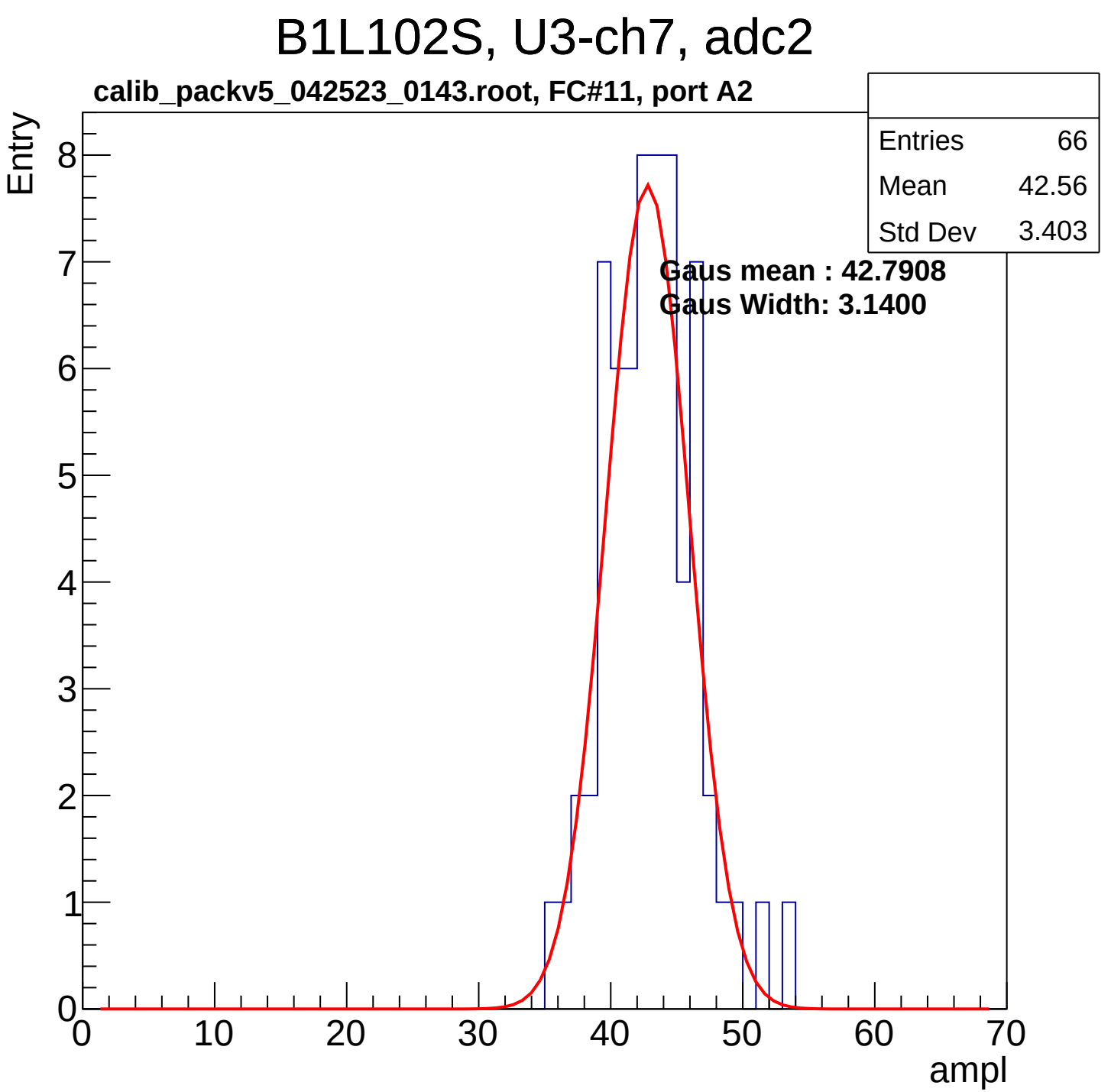
B1L102S, U3-ch7, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 42.56
Std Dev 3.403
Gaus mean : 42.7908
Gaus Width: 3.1400
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
50
60
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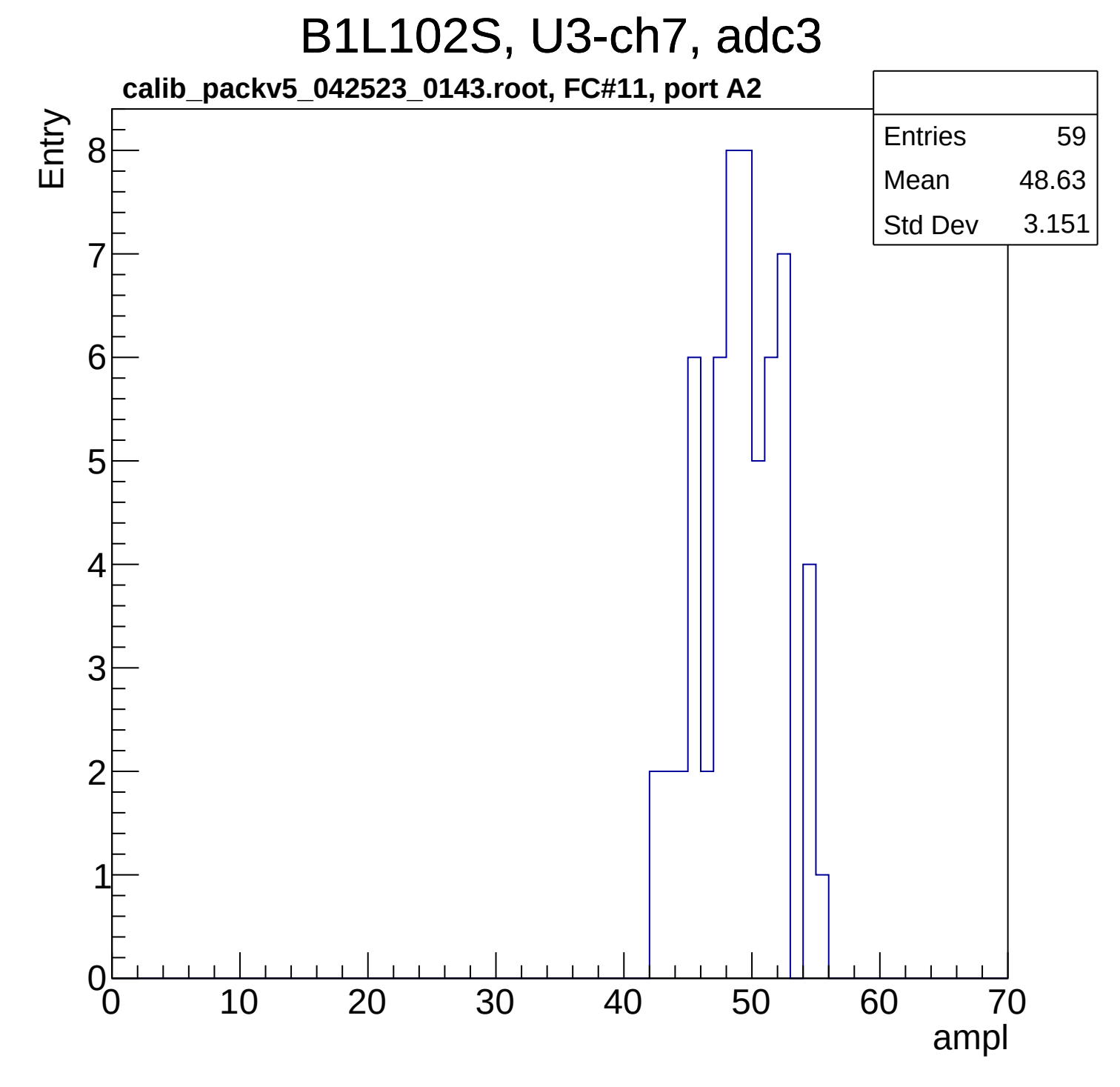
B1L102S, U3-ch7, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 48.63
Std Dev 3.151
Entry
ampl
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4
5
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7
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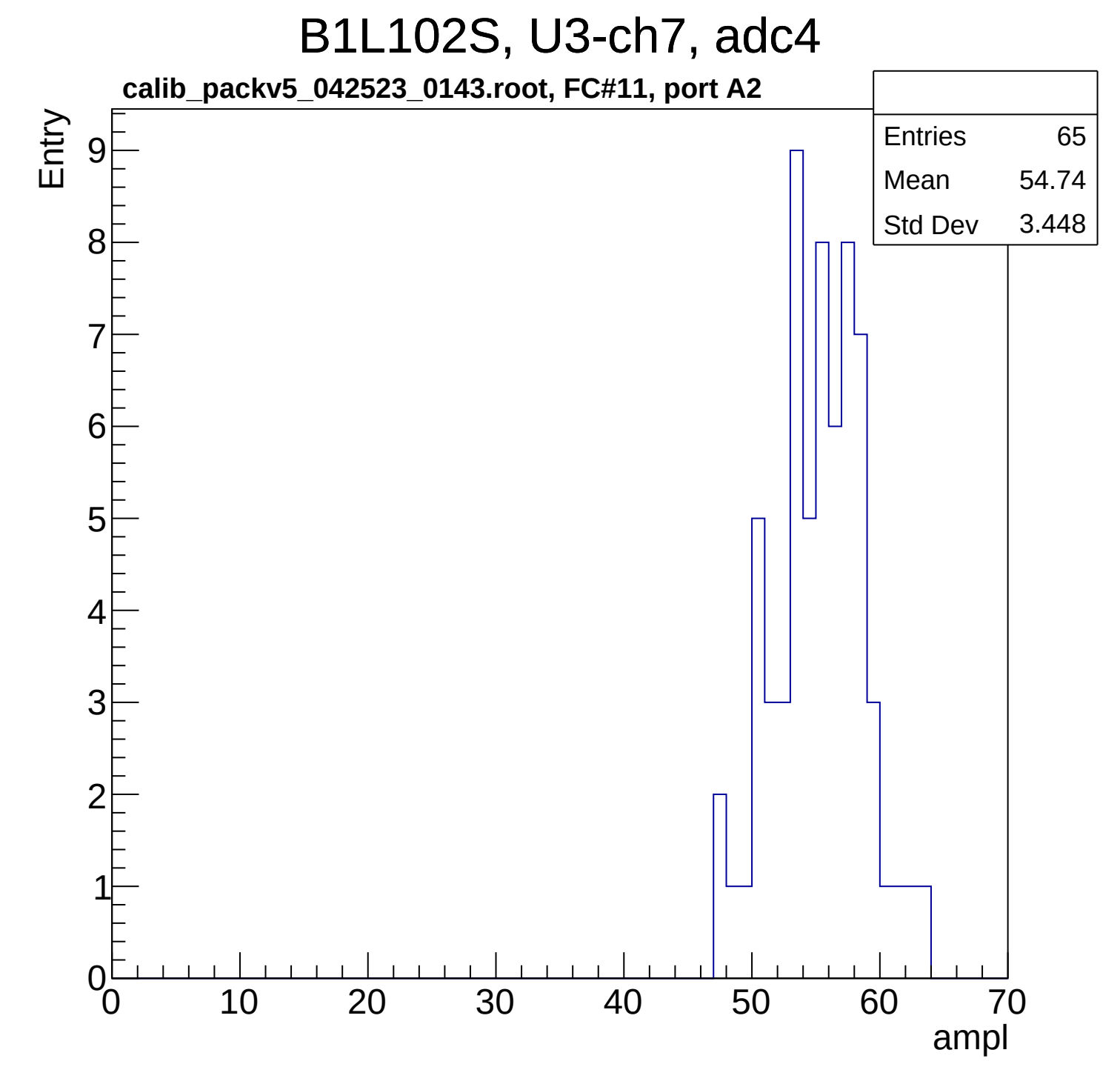
B1L102S, U3-ch7, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 54.74
Std Dev 3.448
Entry
ampl
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3
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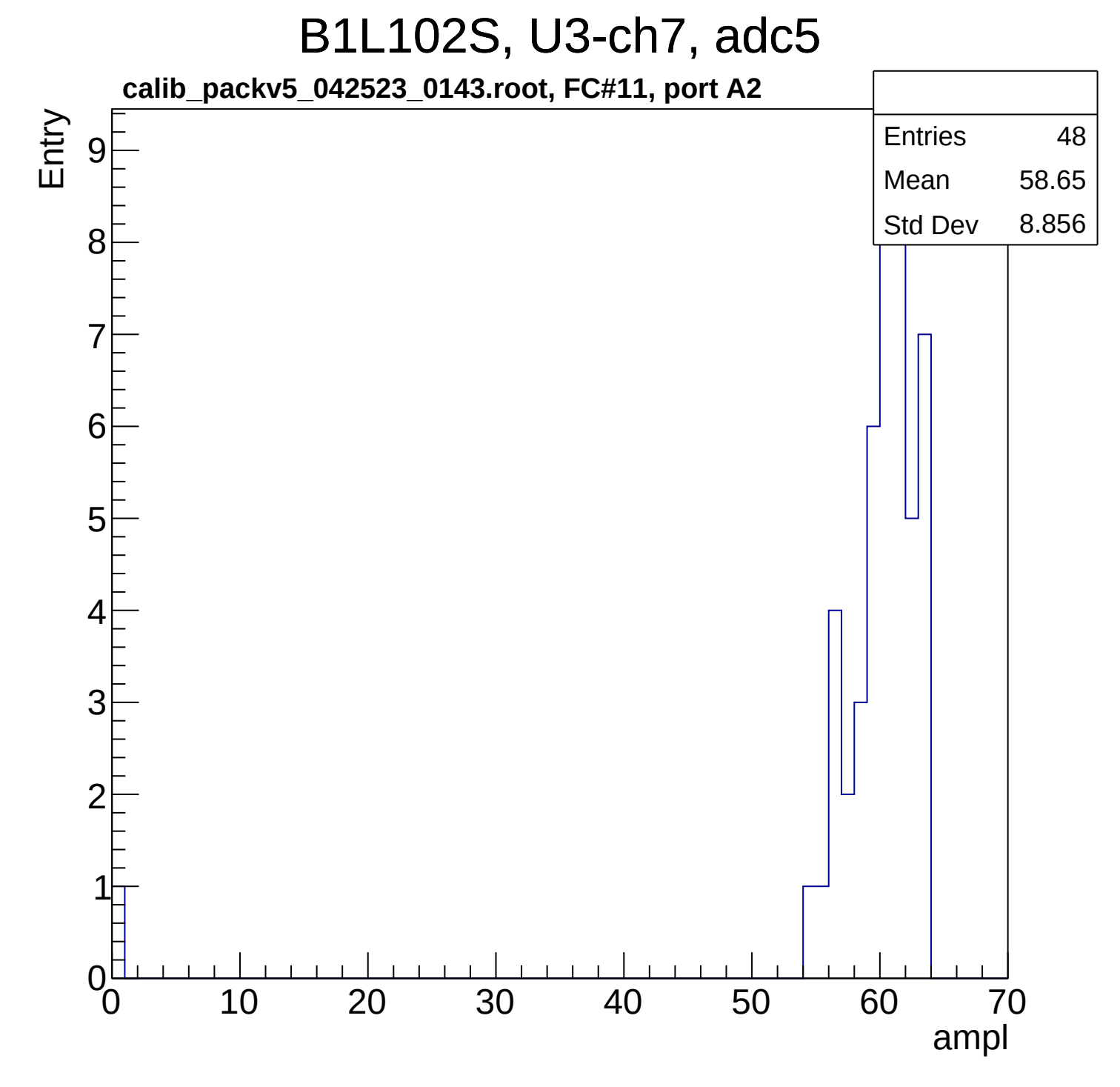
B1L102S, U3-ch7, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 58.65
Std Dev 8.856
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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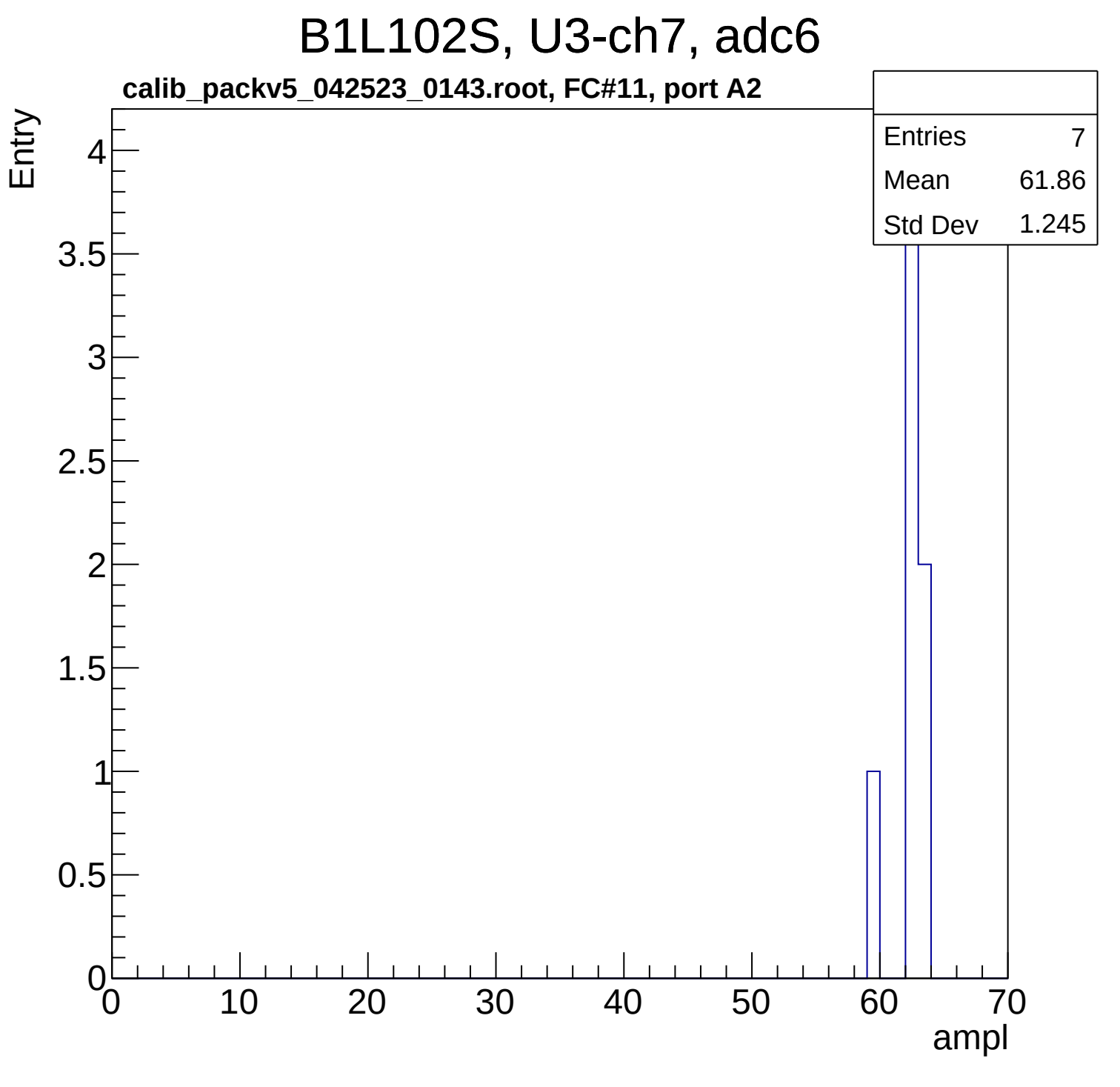
B1L102S, U3-ch7, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 61.86
Std Dev 1.245
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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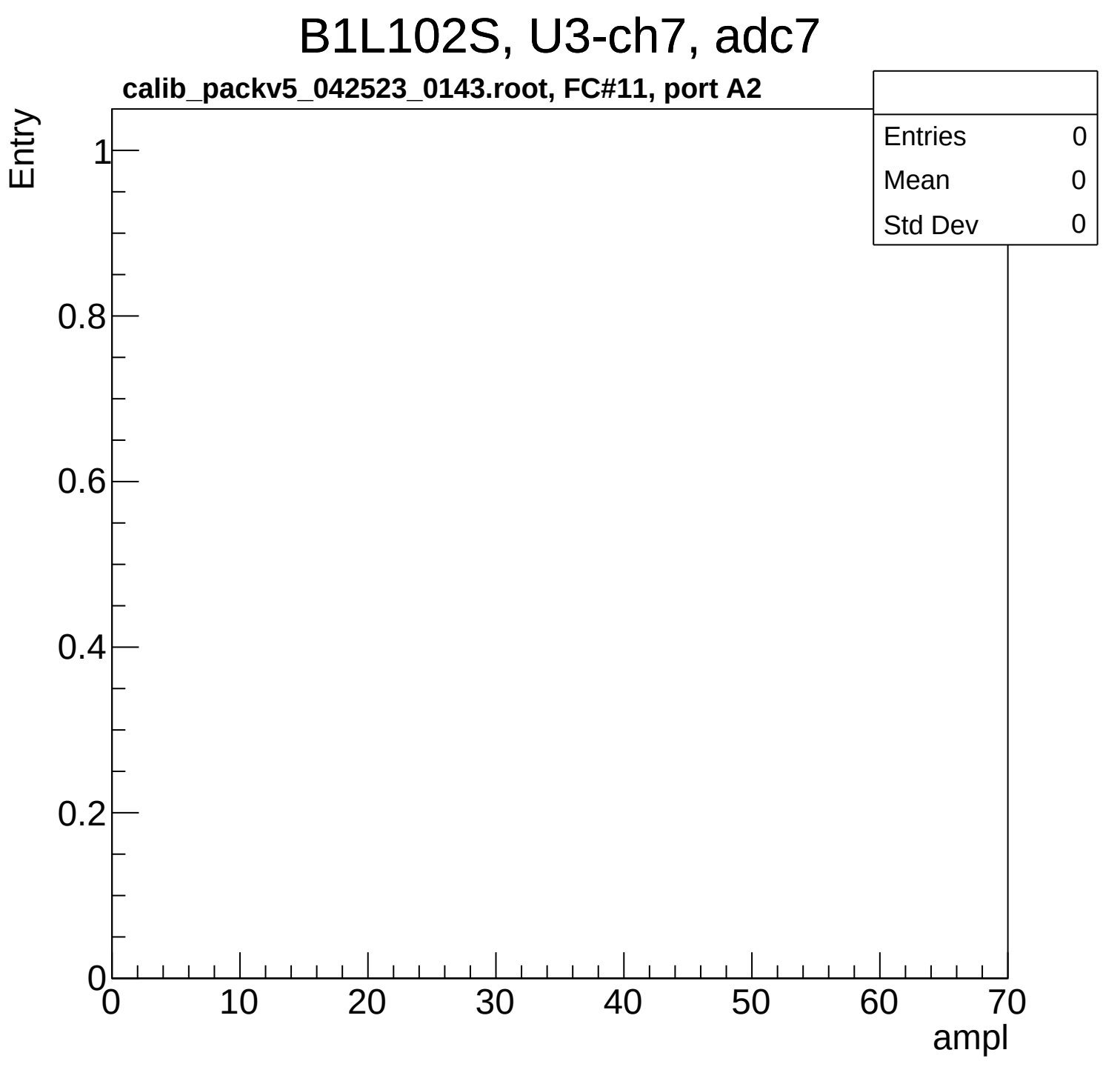
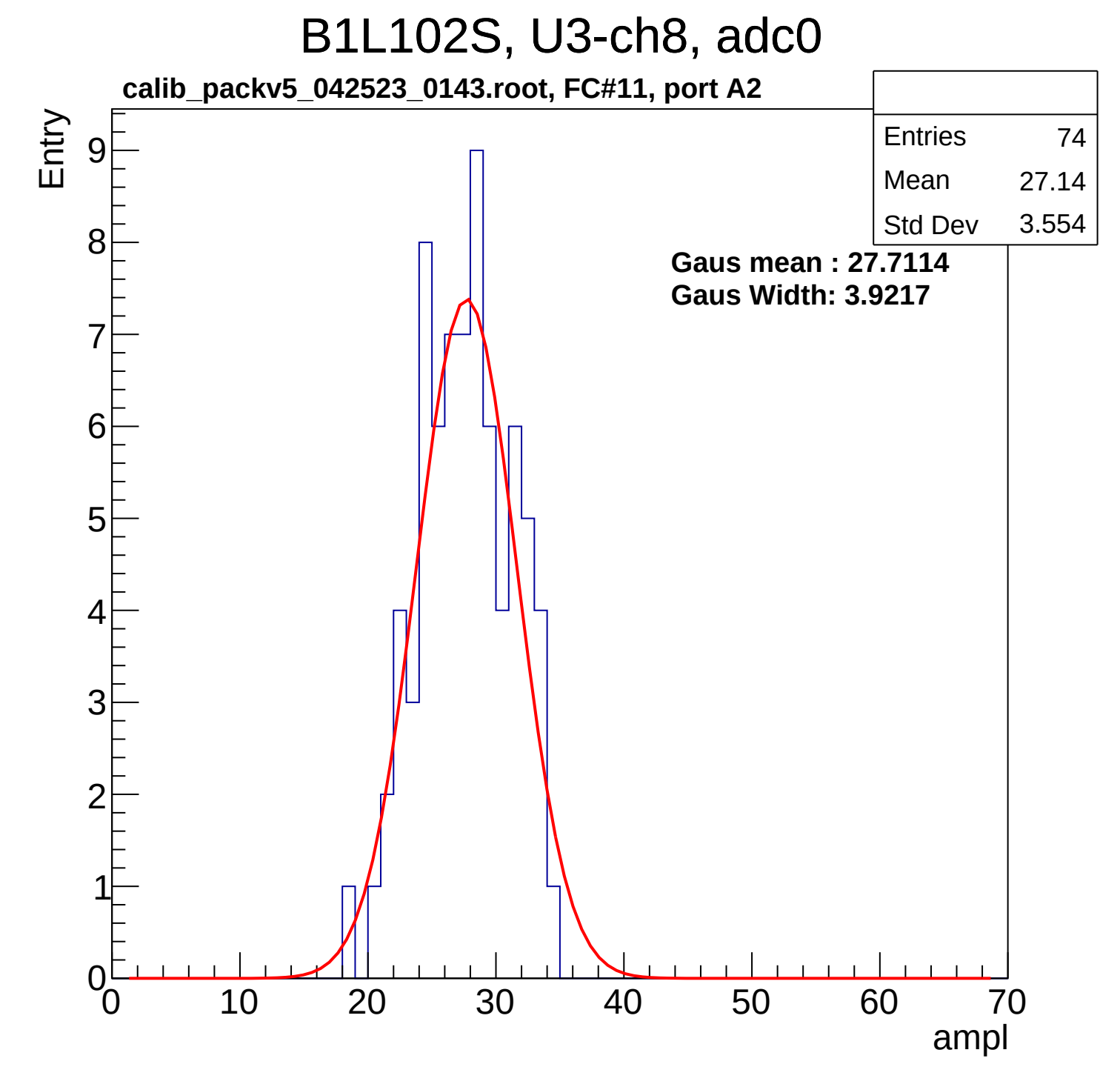

B1L102S, U3-ch7, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch8, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 27.14
Std Dev 3.554
Gaus mean : 27.7114
Gaus Width: 3.9217
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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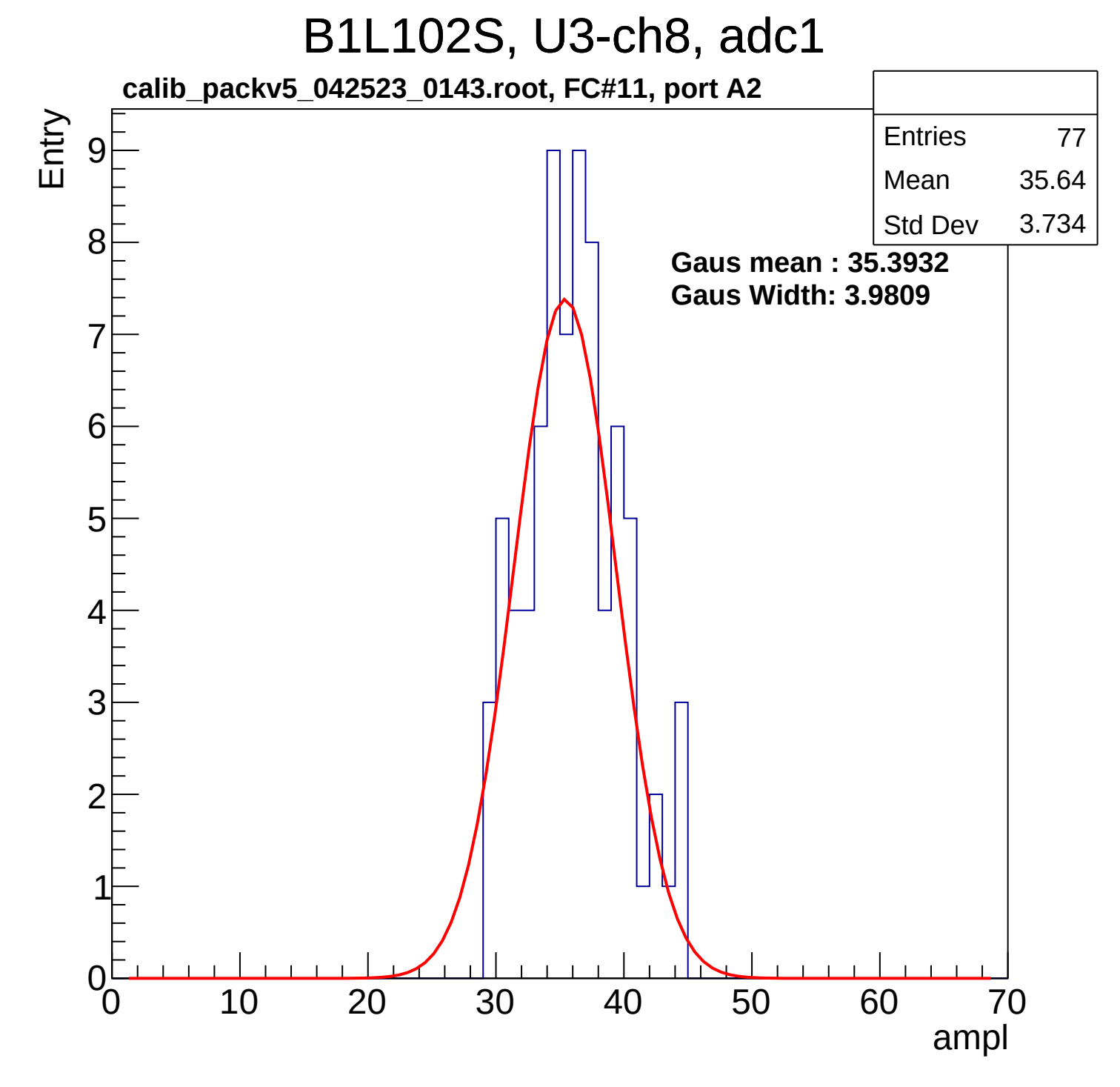
B1L102S, U3-ch8, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 35.64
Std Dev 3.734
Gaus mean : 35.3932
Gaus Width: 3.9809
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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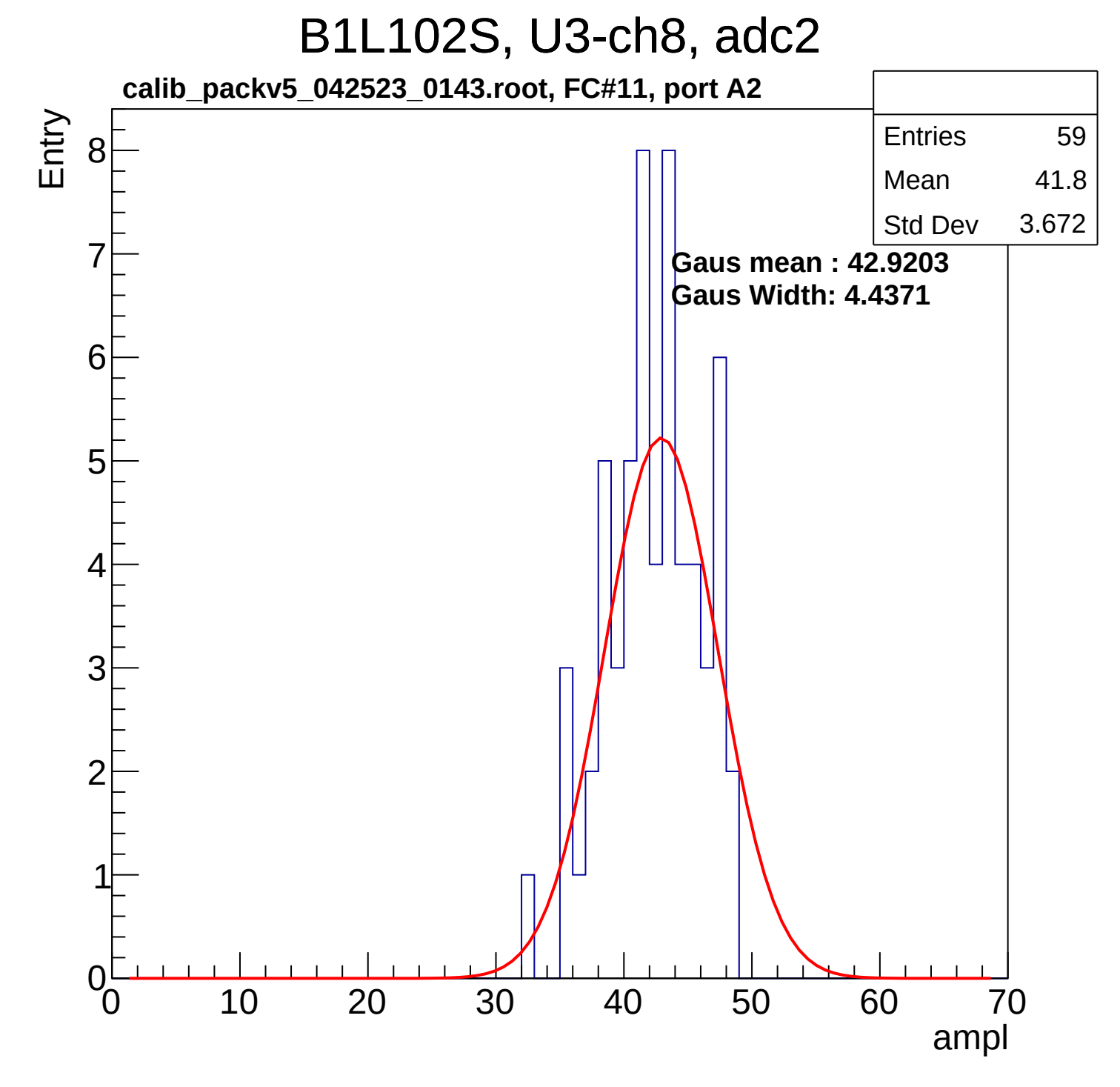
B1L102S, U3-ch8, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 41.8
Std Dev 3.672
Gaus mean : 42.9203
Gaus Width: 4.4371
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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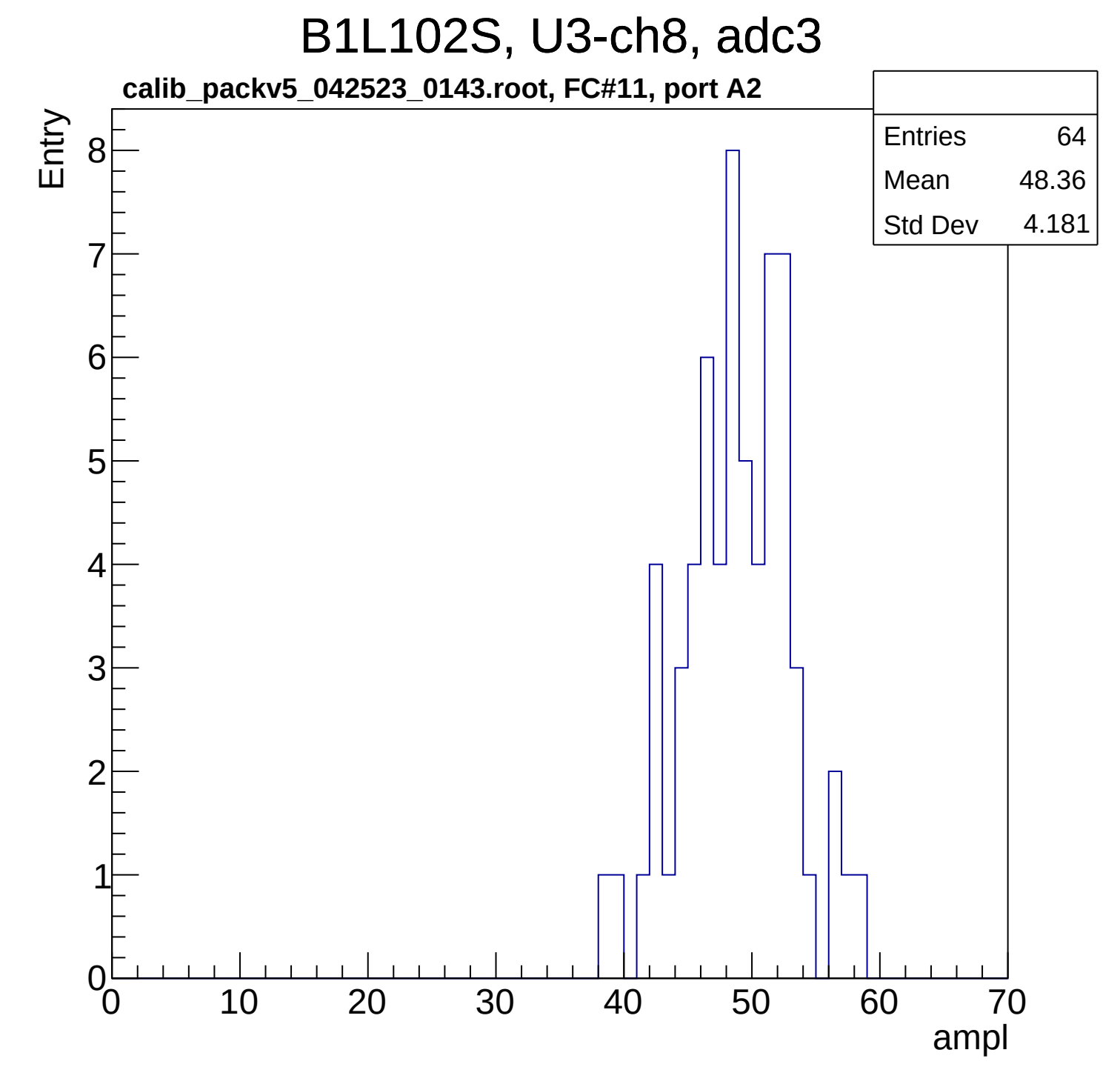
B1L102S, U3-ch8, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 48.36
Std Dev 4.181
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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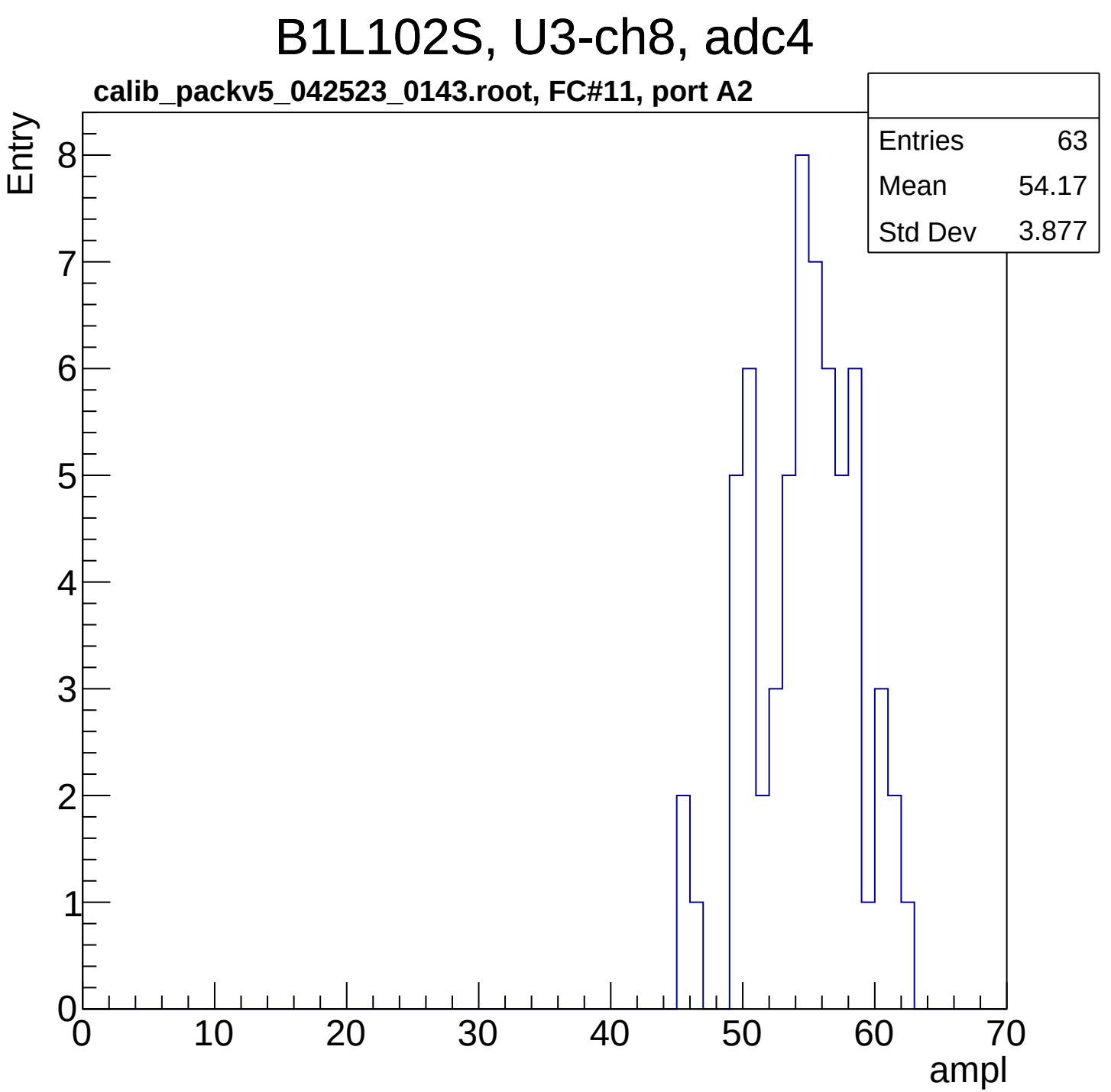
B1L102S, U3-ch8, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 54.17
Std Dev 3.877
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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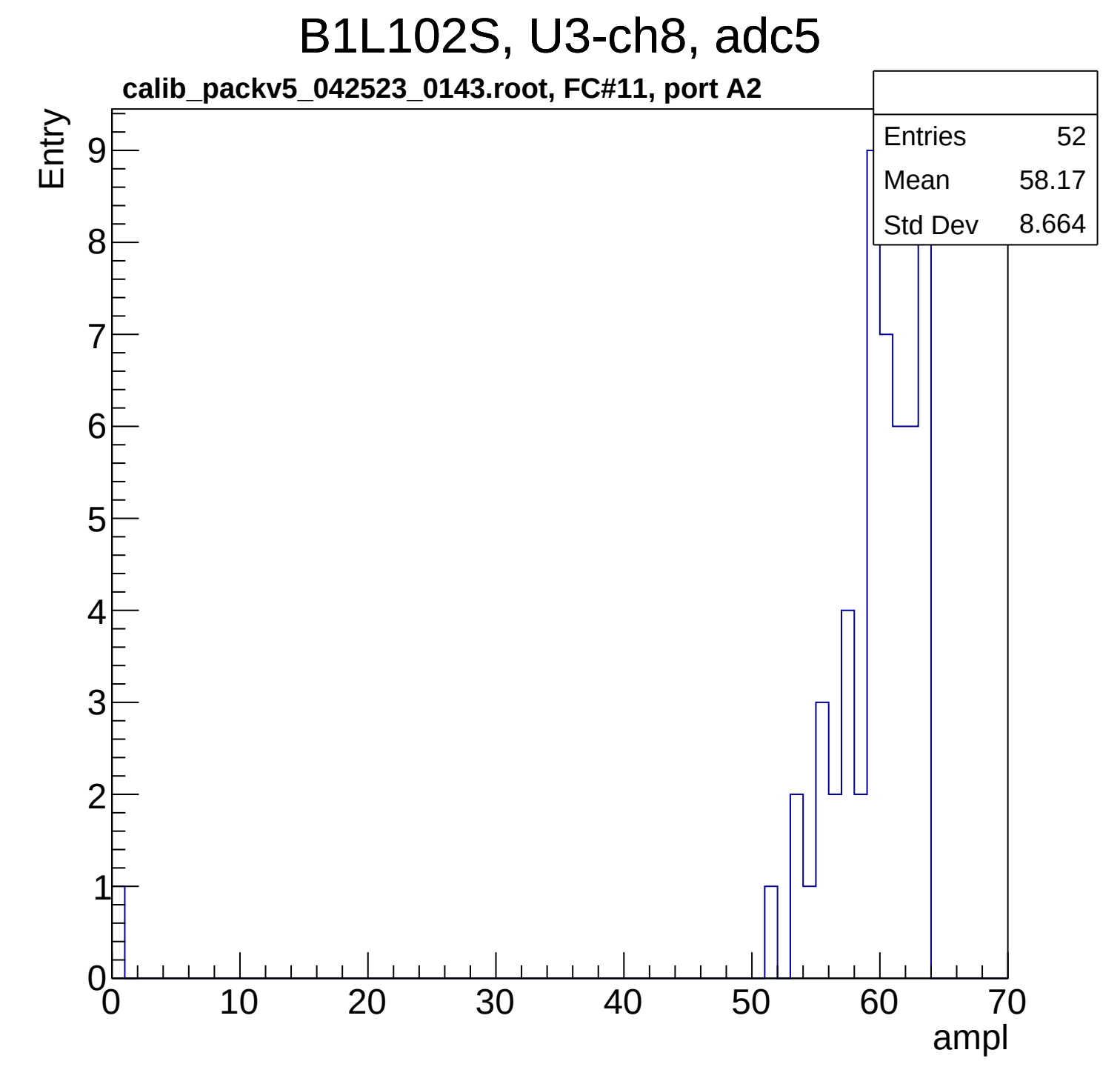
B1L102S, U3-ch8, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 58.17
Std Dev 8.664
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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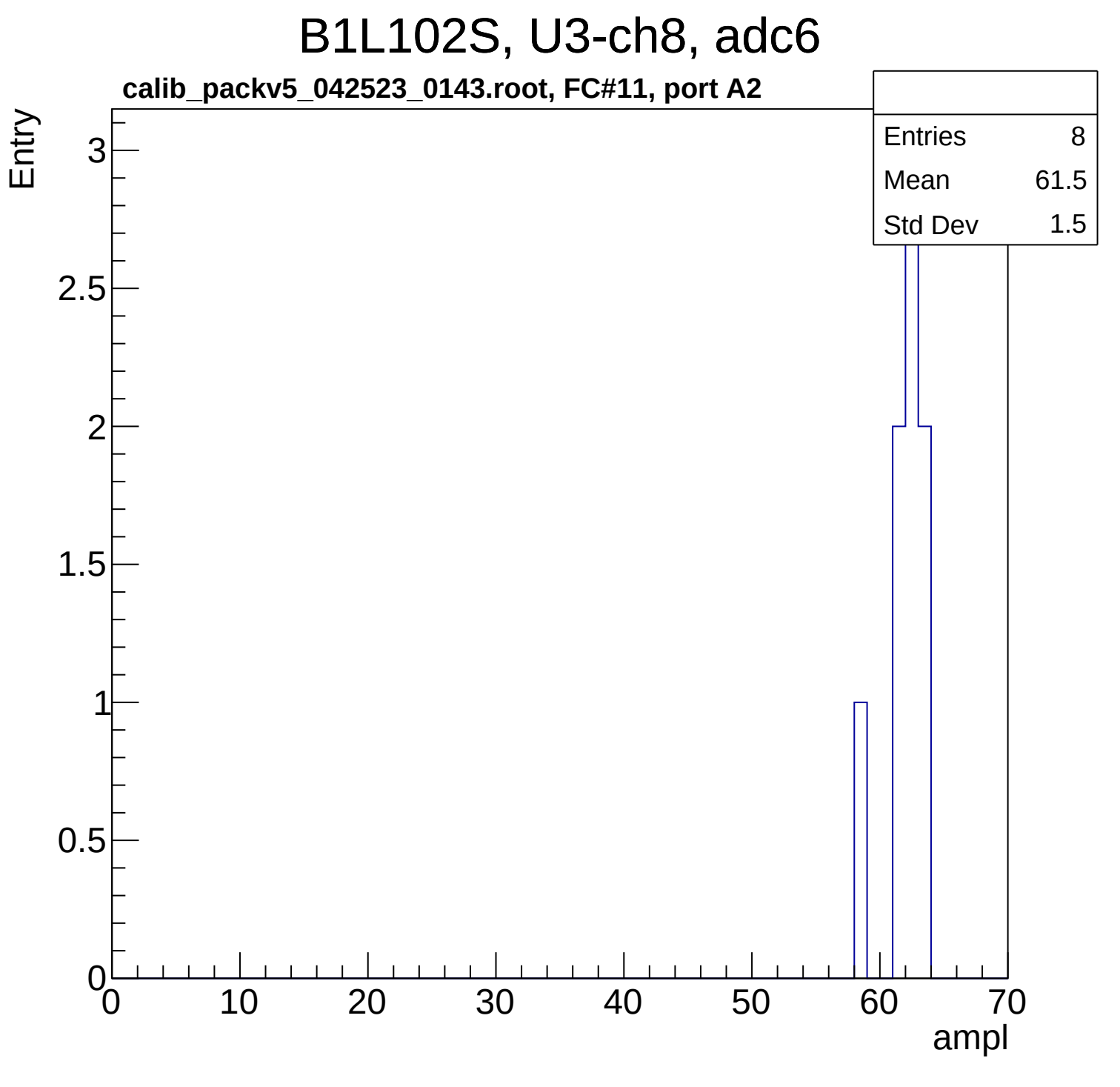
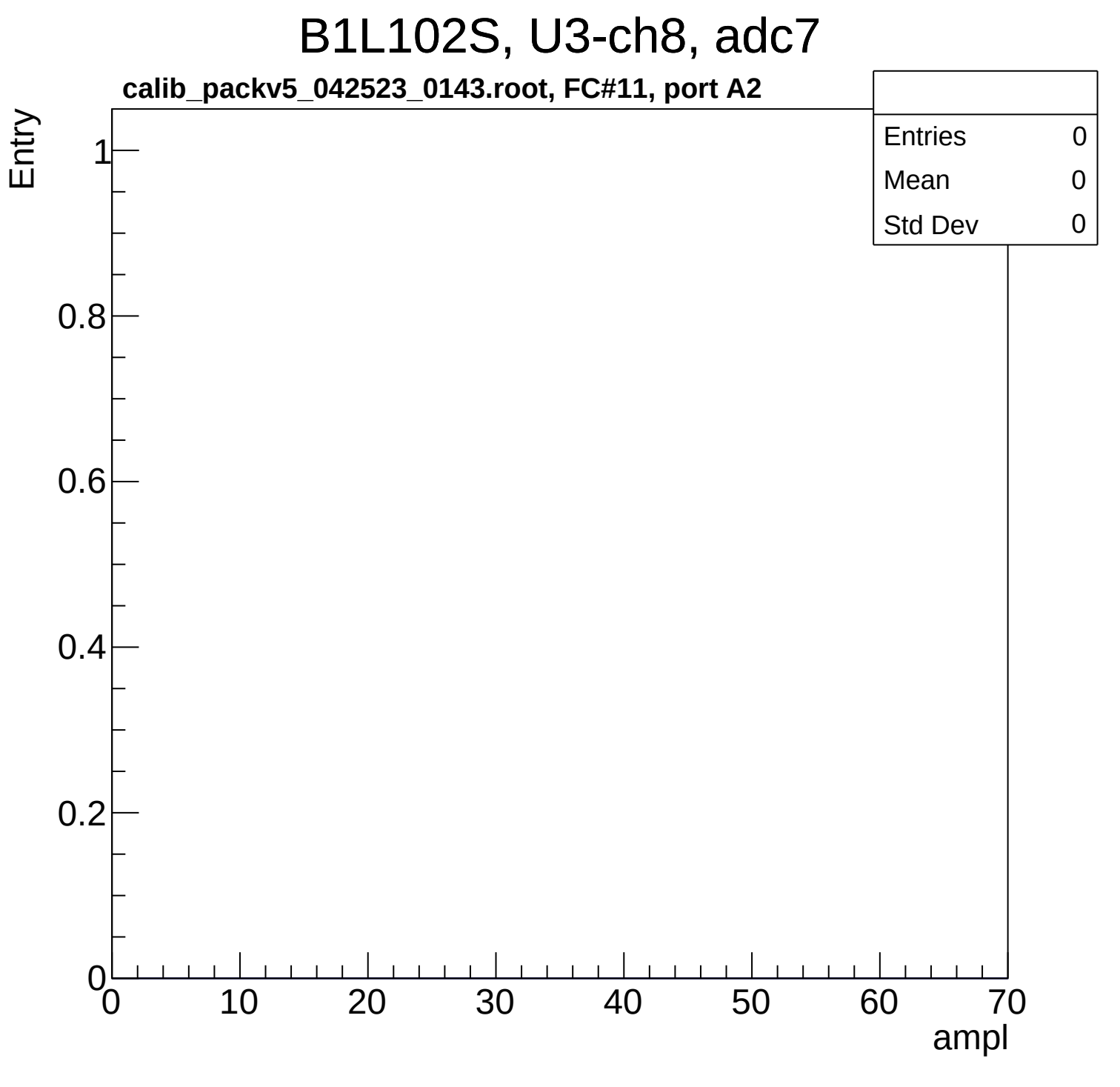
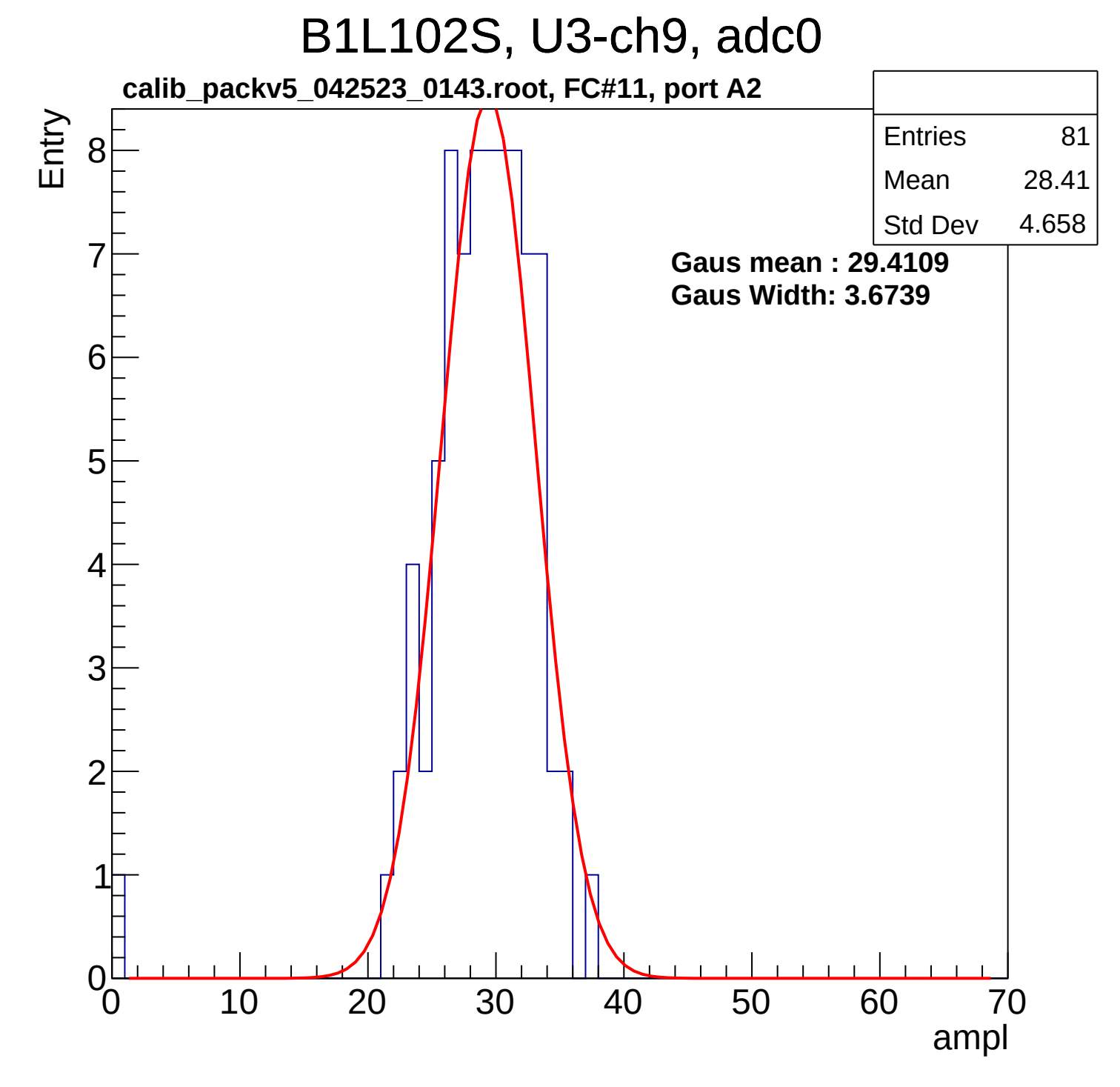
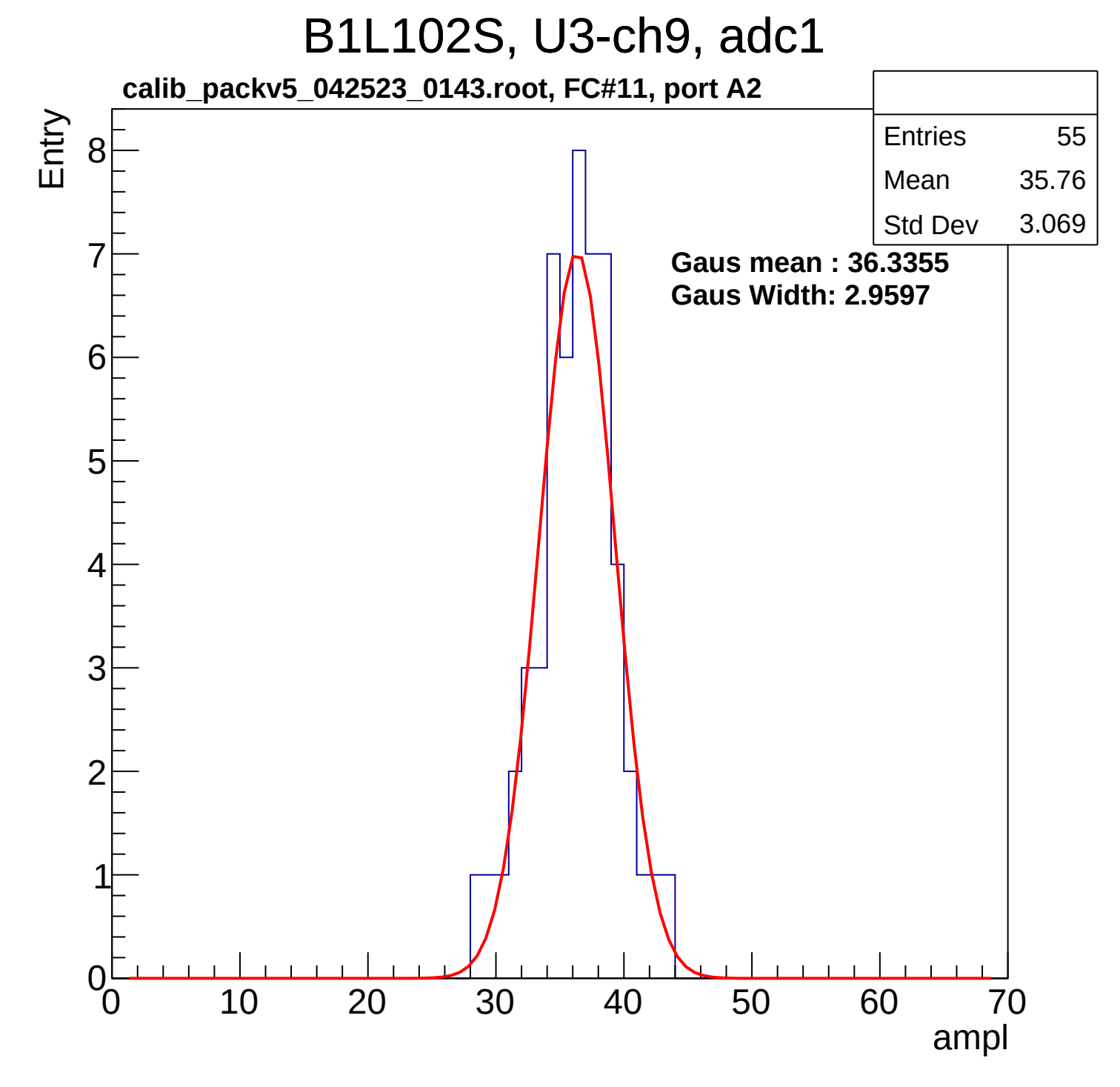
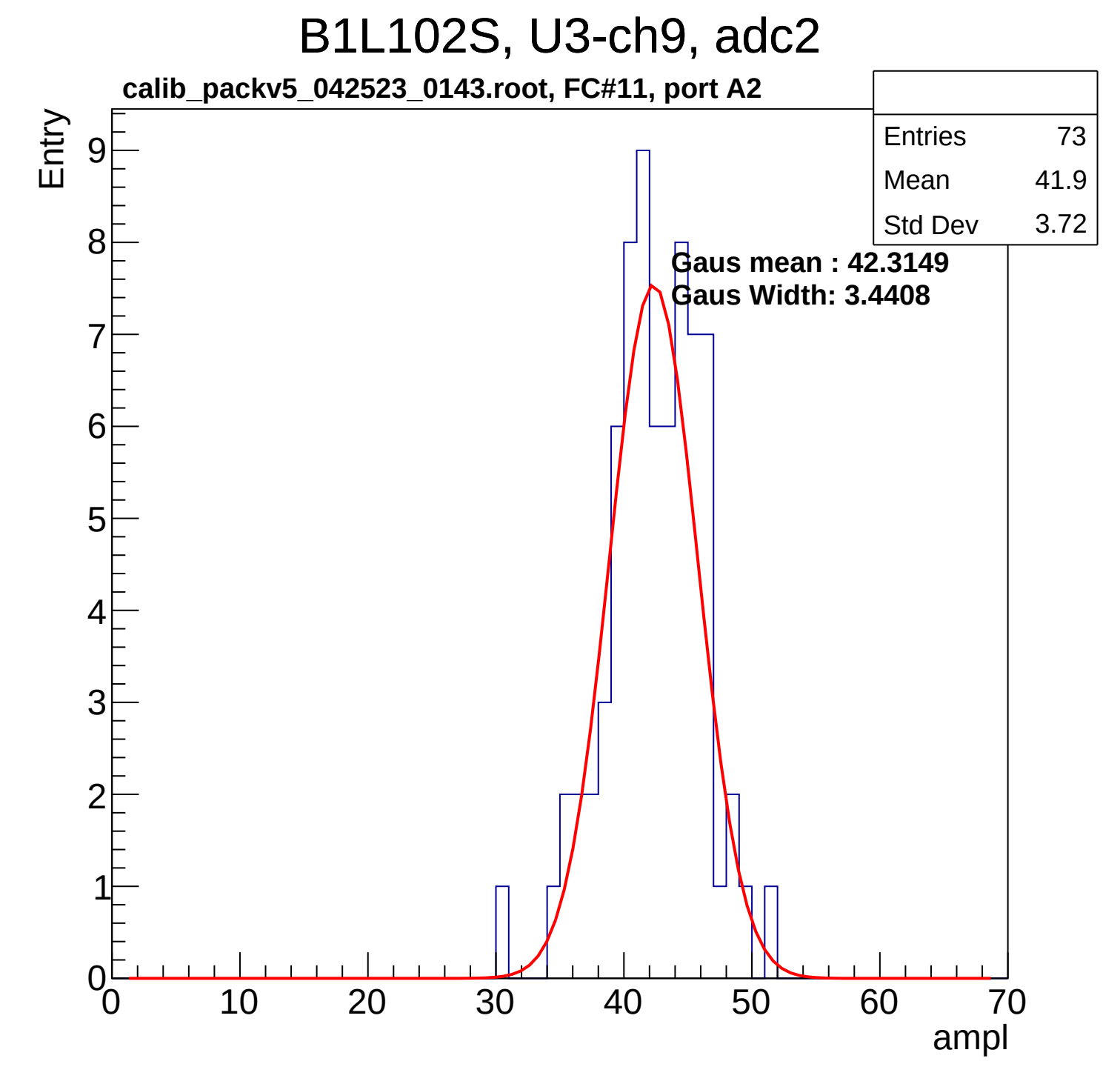

B1L102S, U3-ch8, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 61.5
Std Dev 1.5
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch8, 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, U3-ch9, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 28.41
Std Dev 4.658
Gaus mean : 29.4109
Gaus Width: 3.6739
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch9, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 35.76
Std Dev 3.069
Gaus mean : 36.3355
Gaus Width: 2.9597
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch9, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 41.9
Std Dev 3.72
Gaus mean : 42.3149
Gaus Width: 3.4408
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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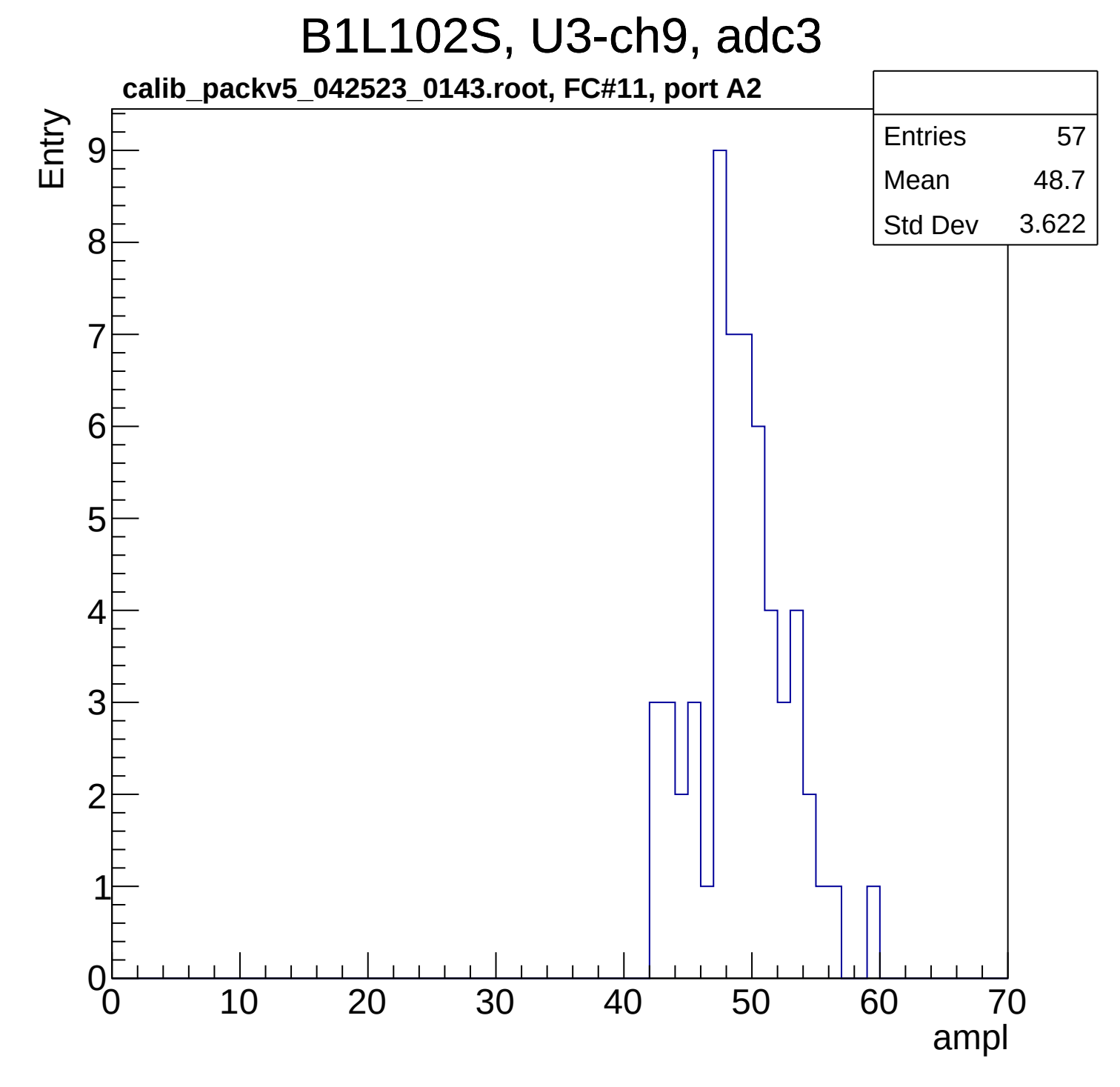
B1L102S, U3-ch9, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 48.7
Std Dev 3.622
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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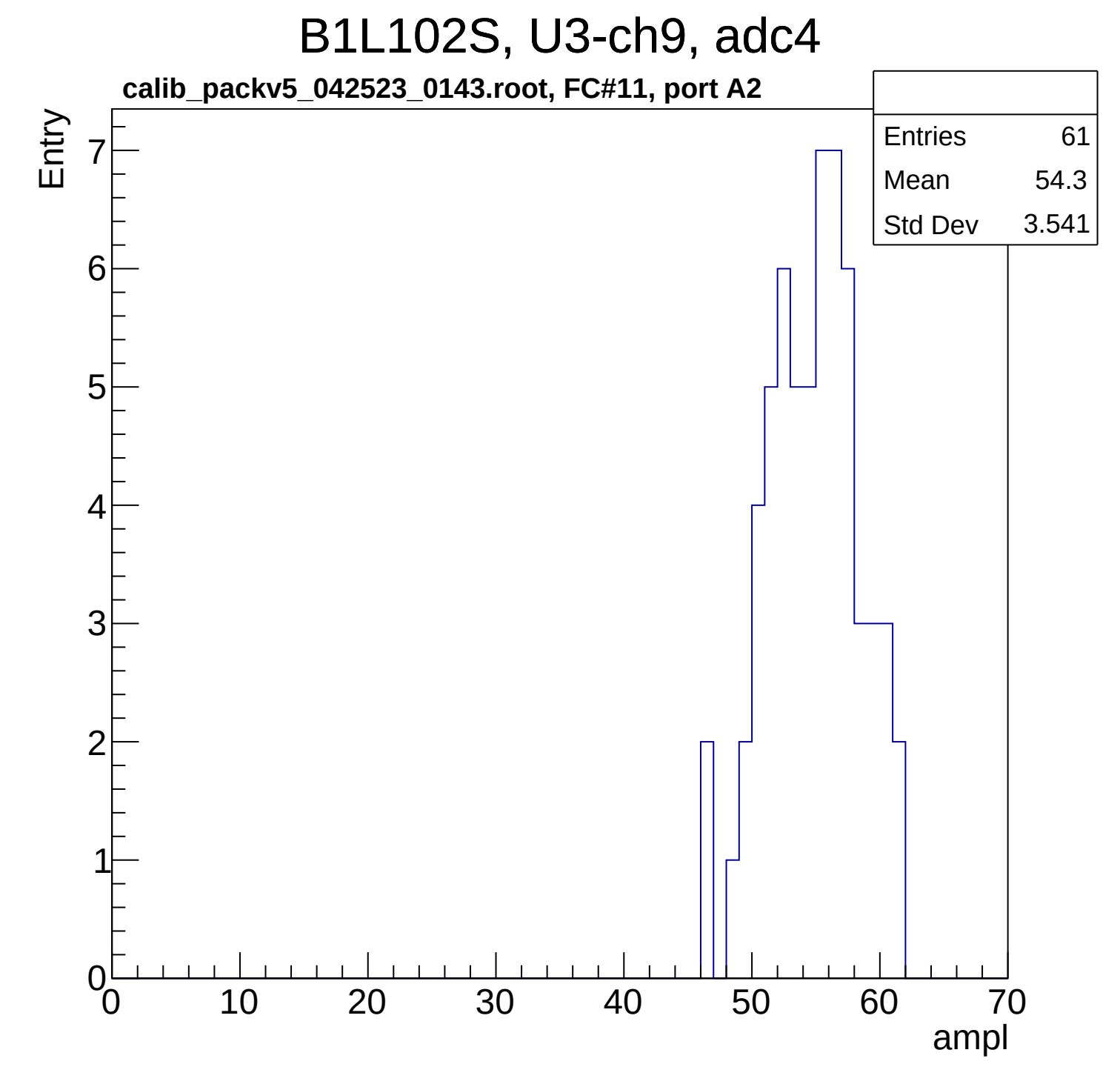
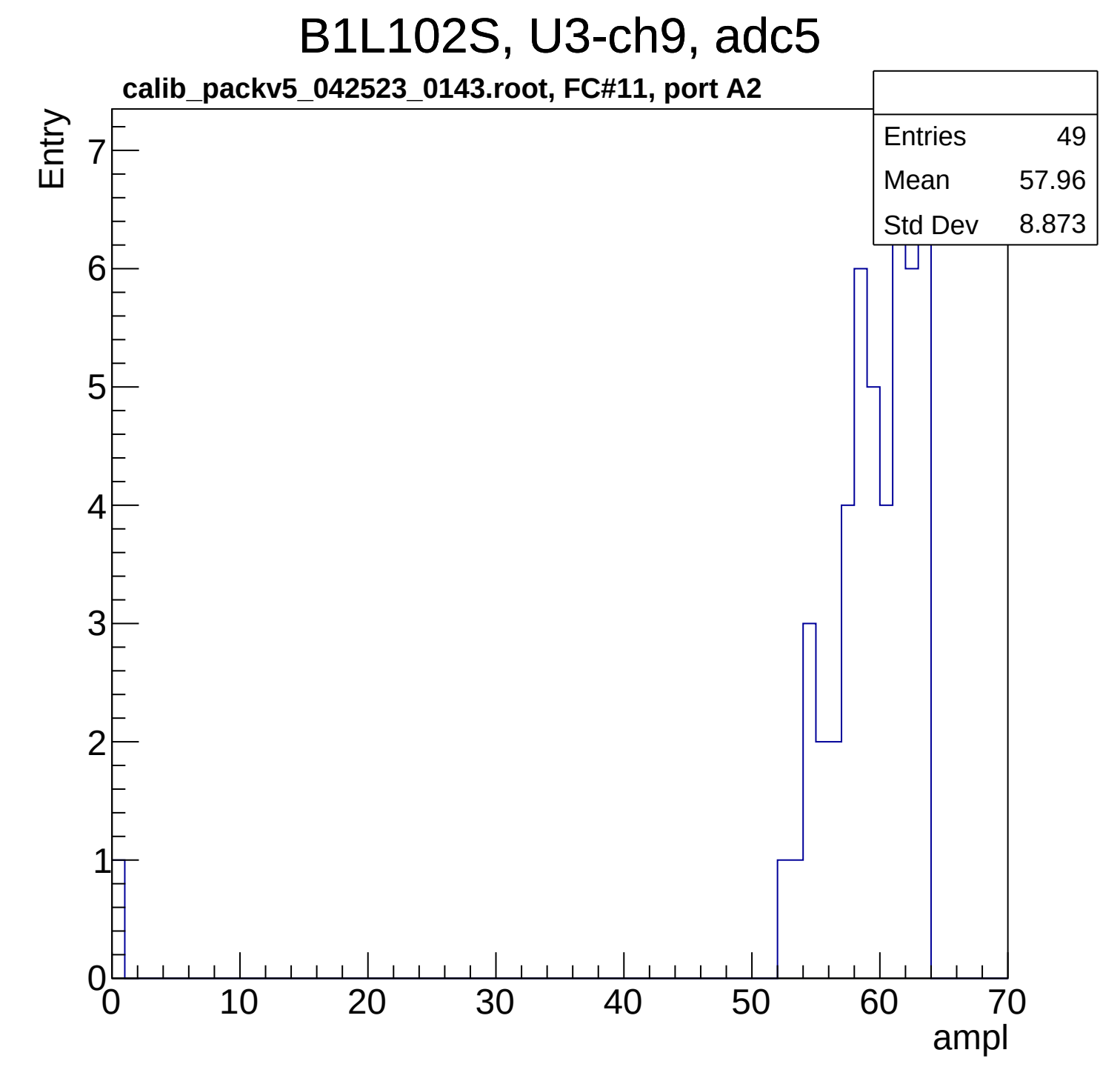

B1L102S, U3-ch9, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 54.3
Std Dev 3.541
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch9, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 57.96
Std Dev 8.873
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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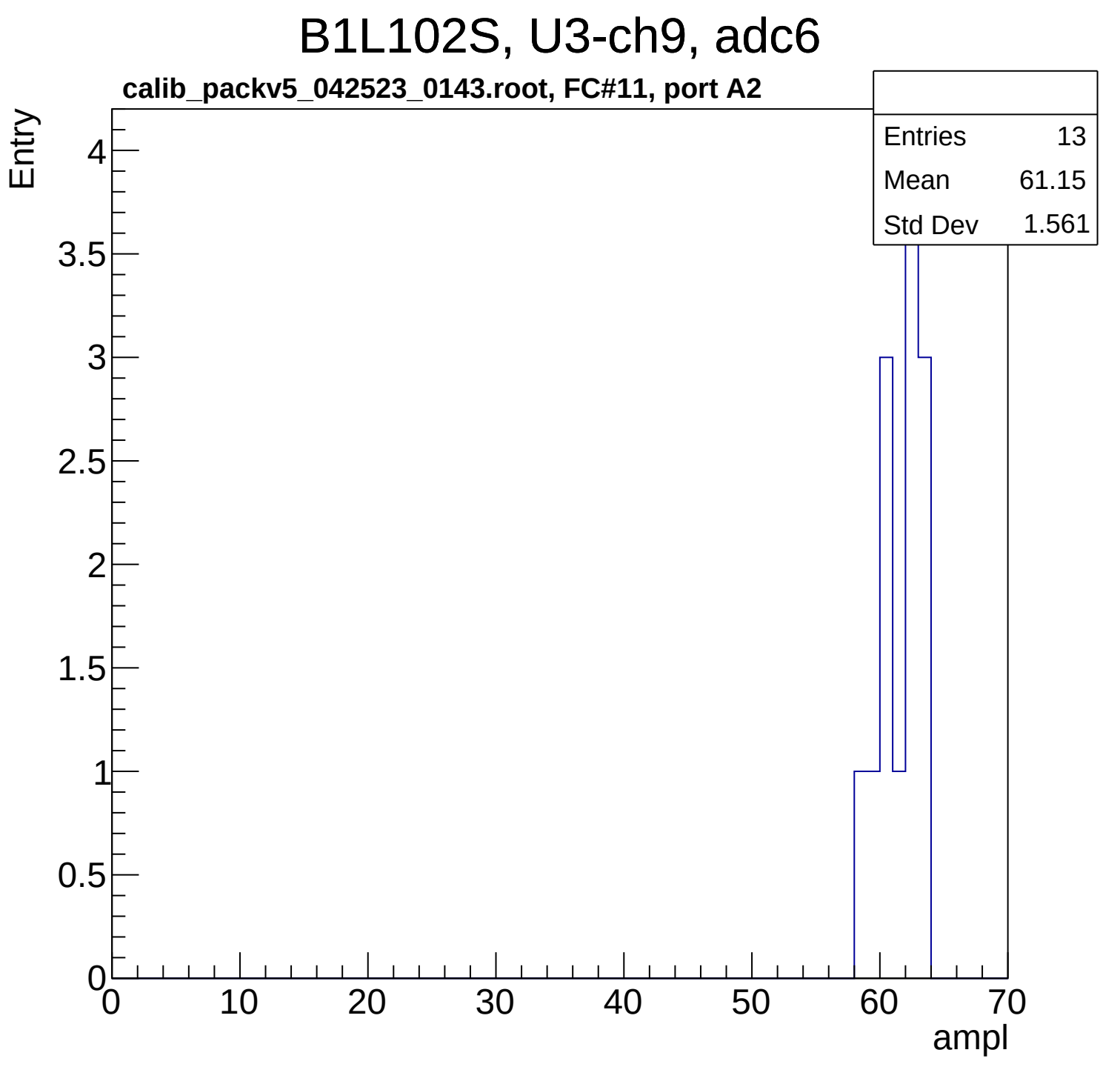
40
50
60
70


B1L102S, U3-ch9, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.15
Std Dev 1.561
Entry
ampl
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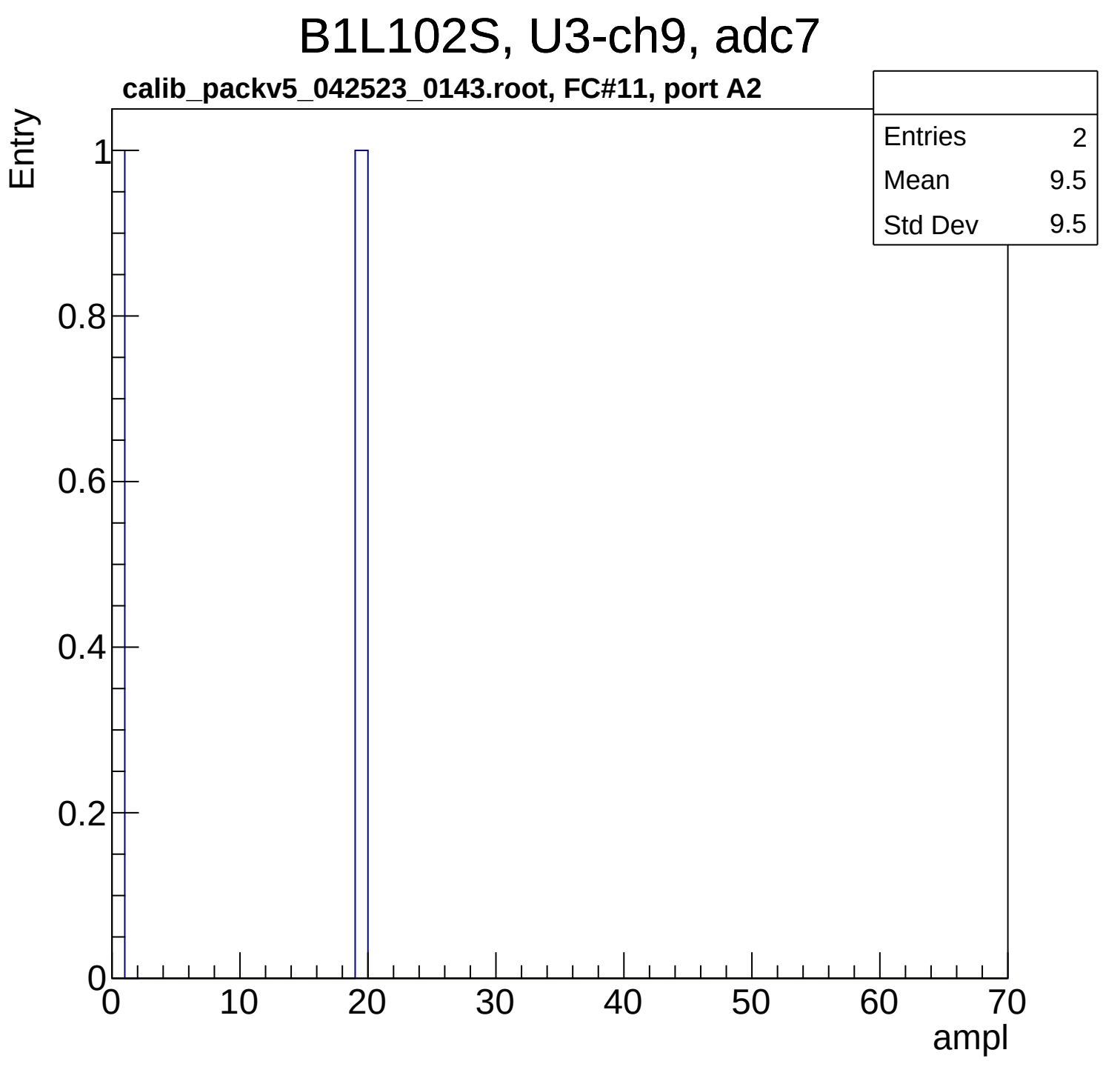
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch9, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
ampl
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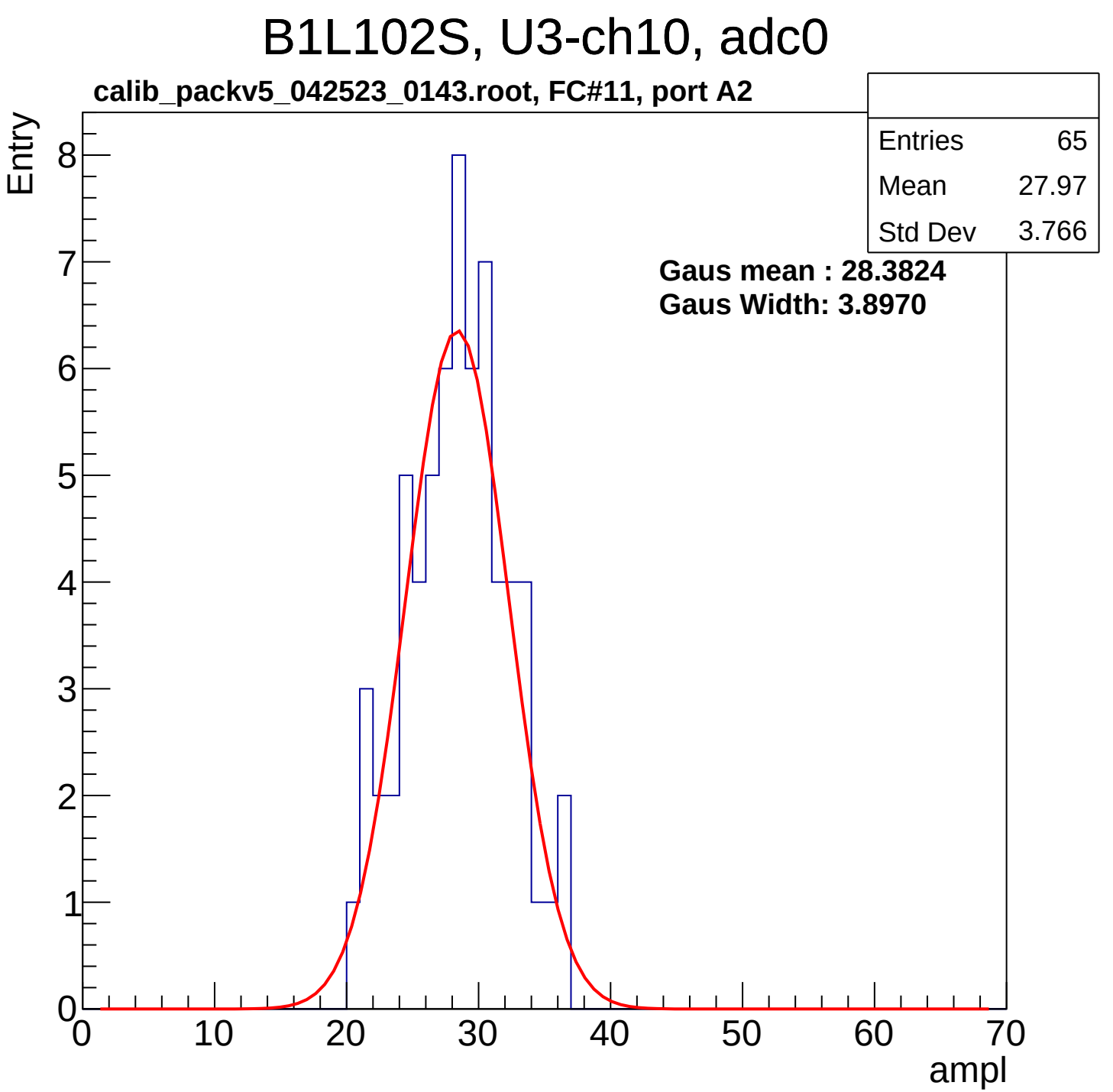
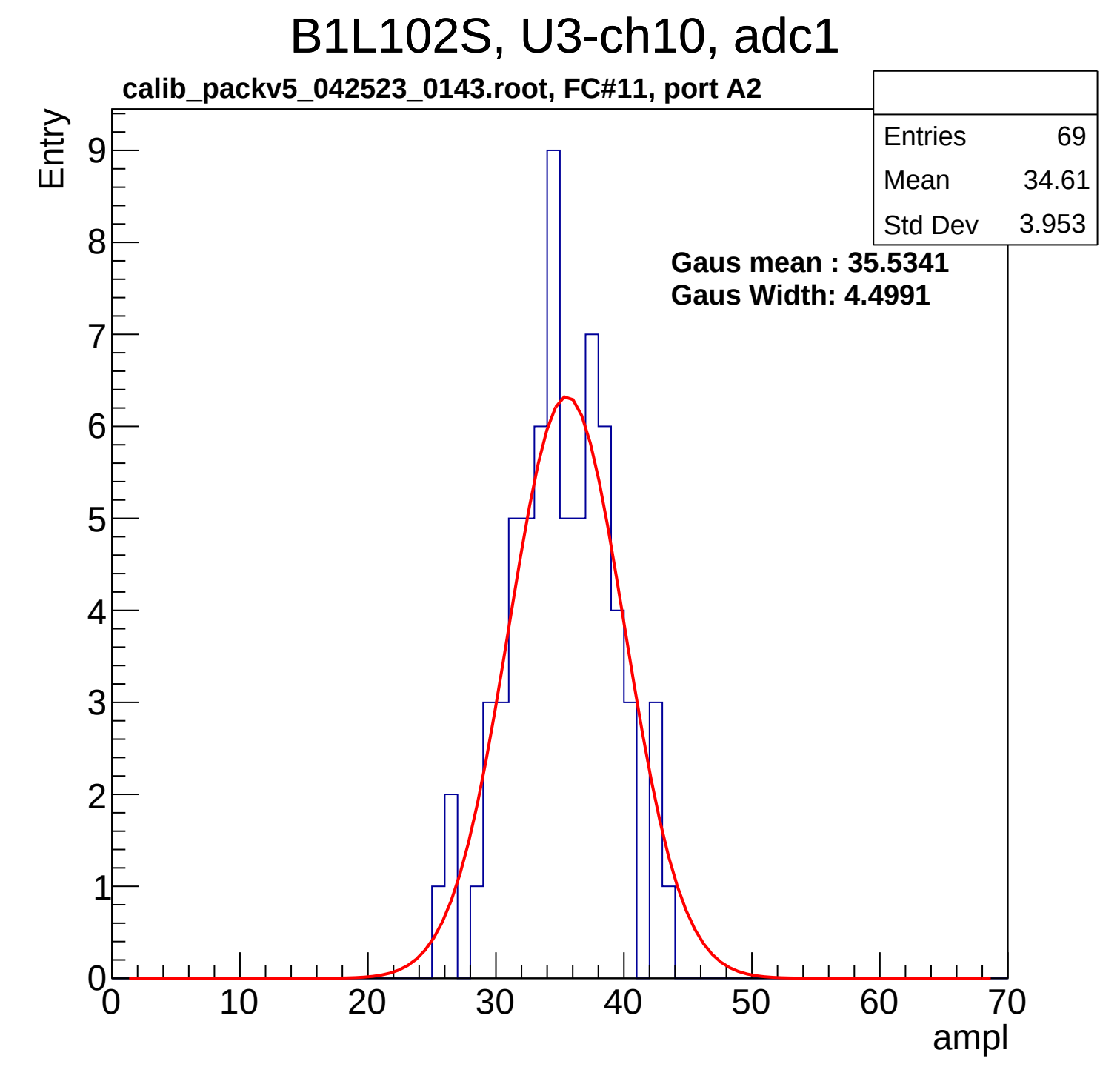
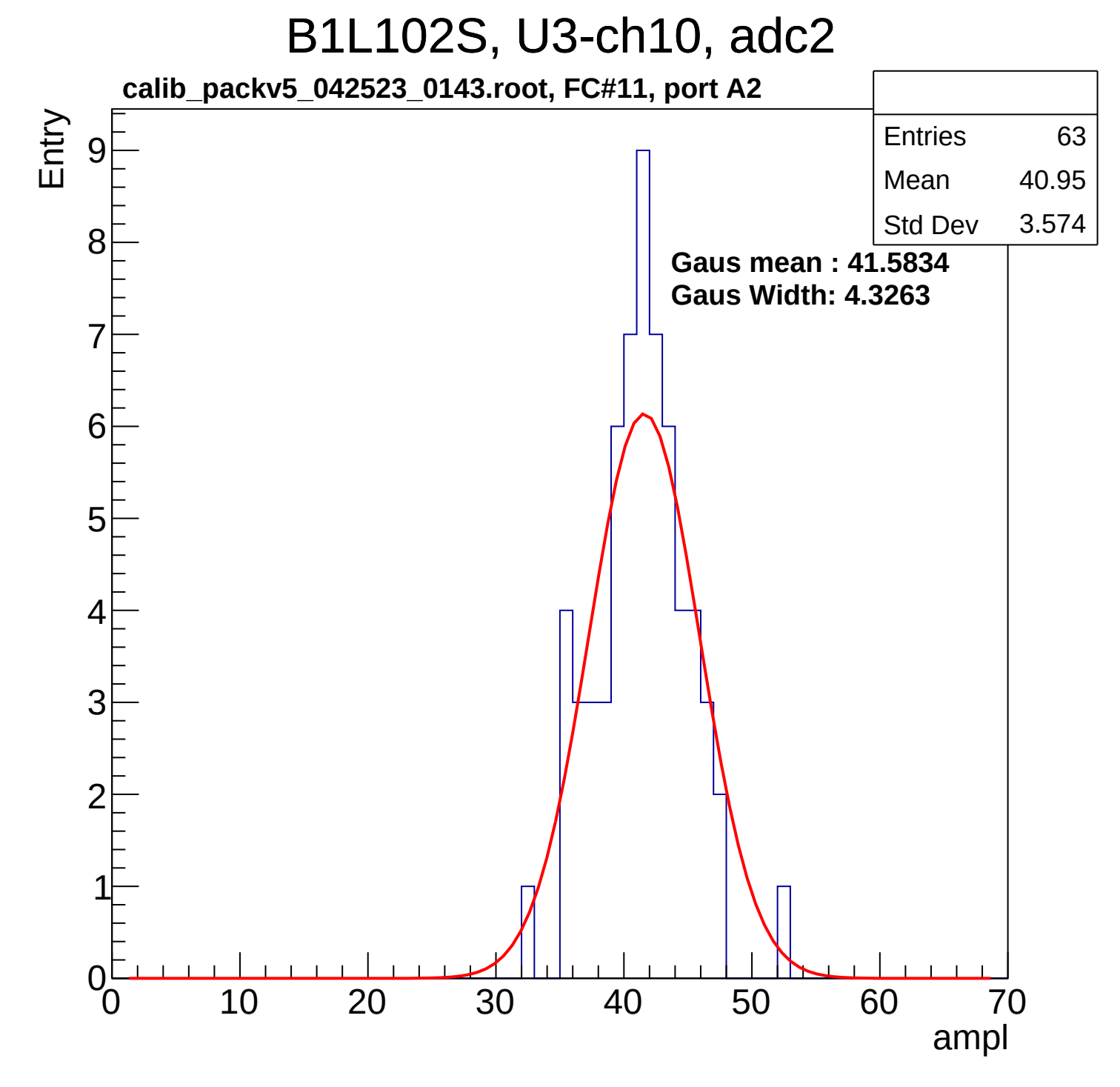
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U3-ch10, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 27.97
Std Dev 3.766
Gaus mean : 28.3824
Gaus Width: 3.8970
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch10, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 34.61
Std Dev 3.953
Gaus mean : 35.5341
Gaus Width: 4.4991
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch10, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 40.95
Std Dev 3.574
Gaus mean : 41.5834
Gaus Width: 4.3263
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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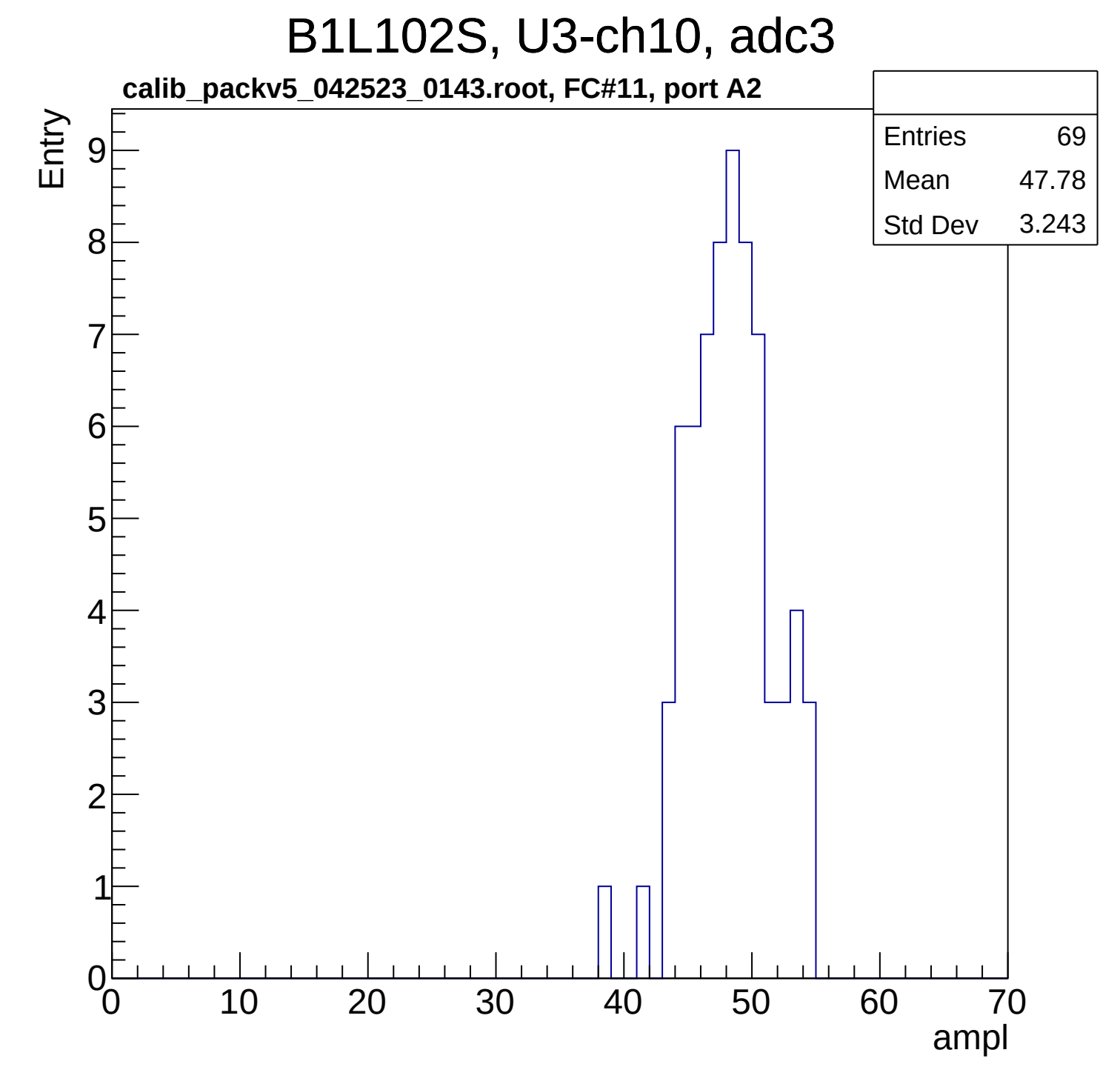
60
70


B1L102S, U3-ch10, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 47.78
Std Dev 3.243
Entry
ampl
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3
4
5
6
7
8
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0
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40
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60
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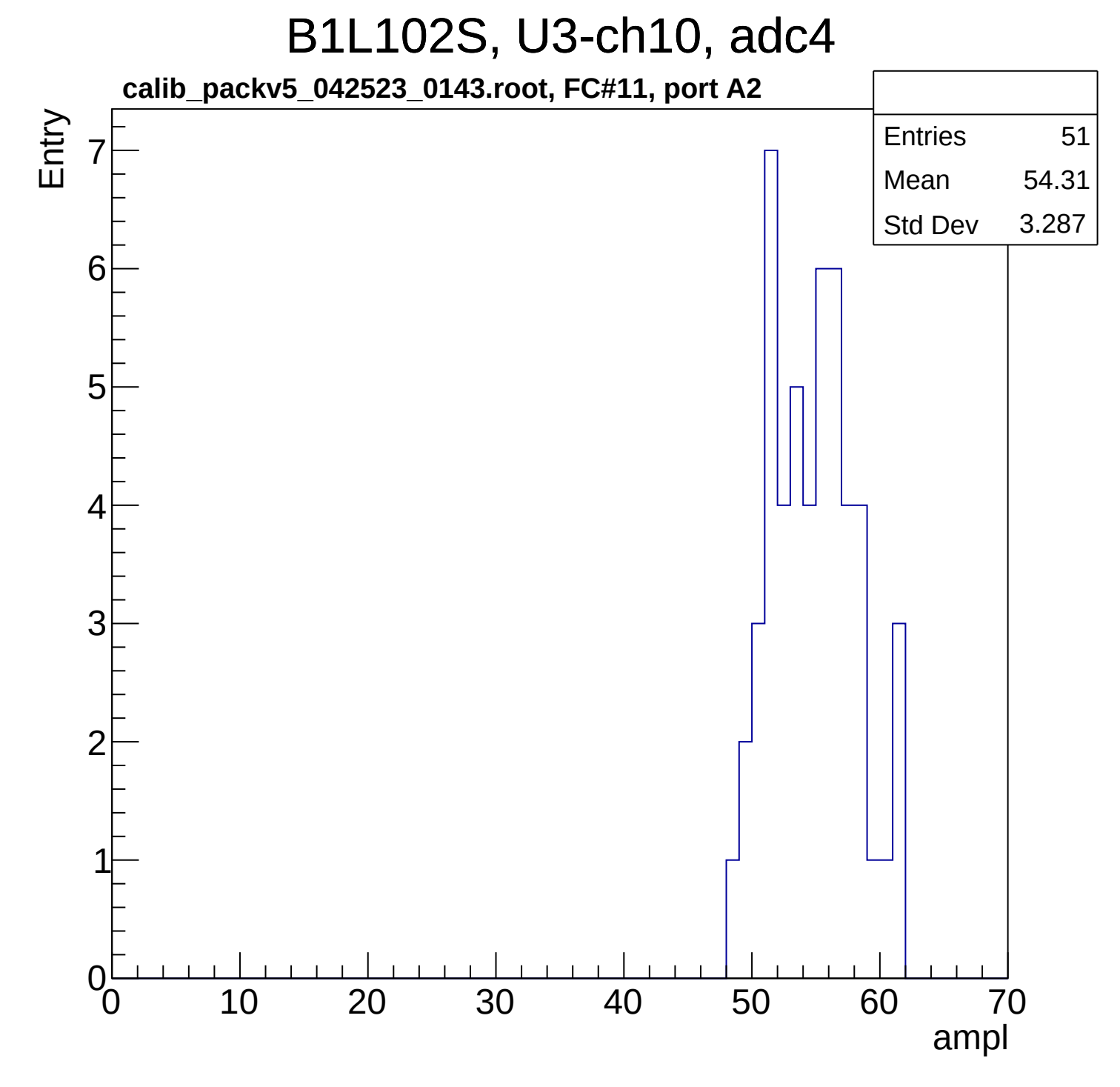
B1L102S, U3-ch10, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 54.31
Std Dev 3.287
Entry
ampl
0
1
2
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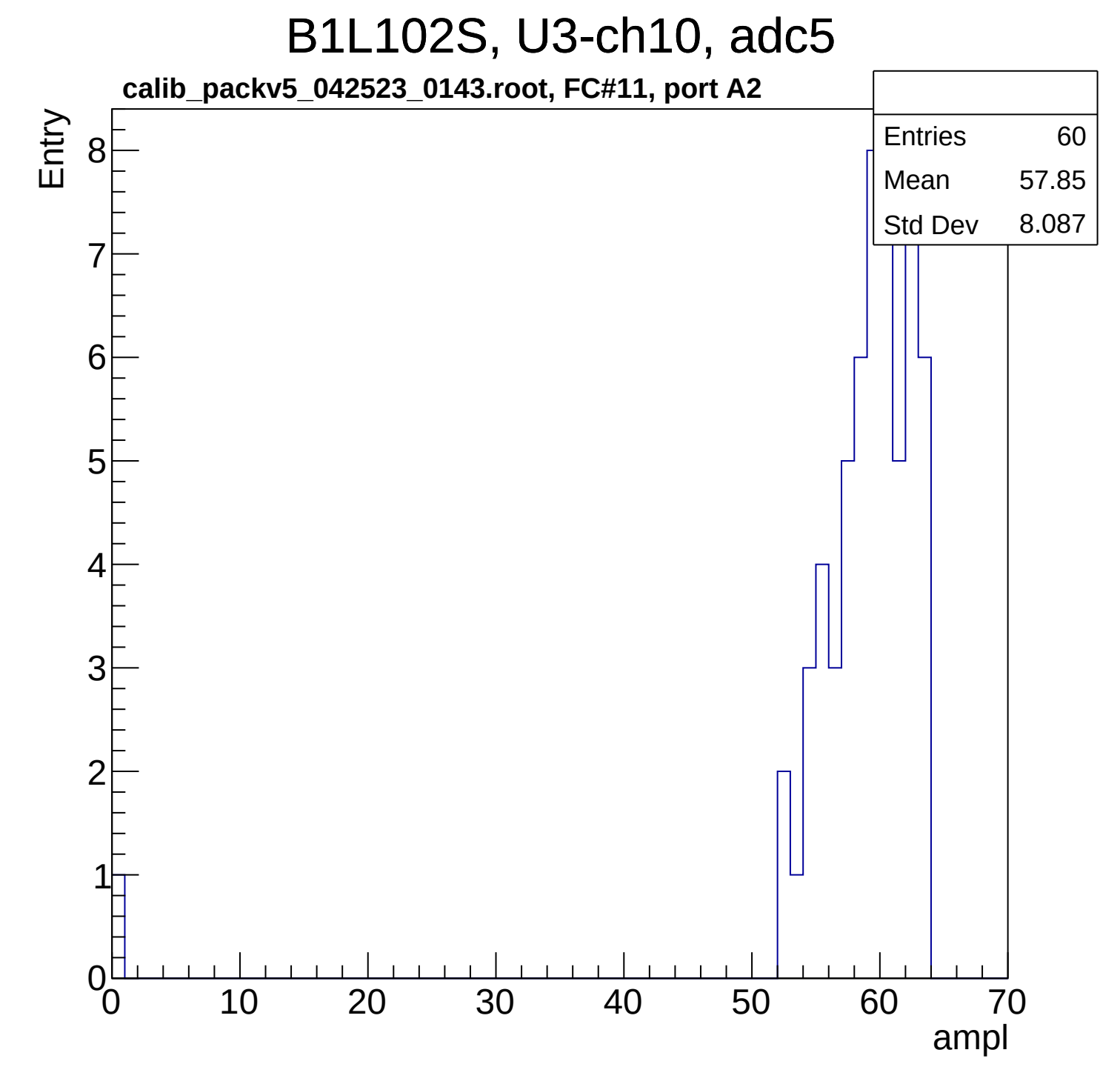
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch10, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 57.85
Std Dev 8.087
Entry
ampl
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1
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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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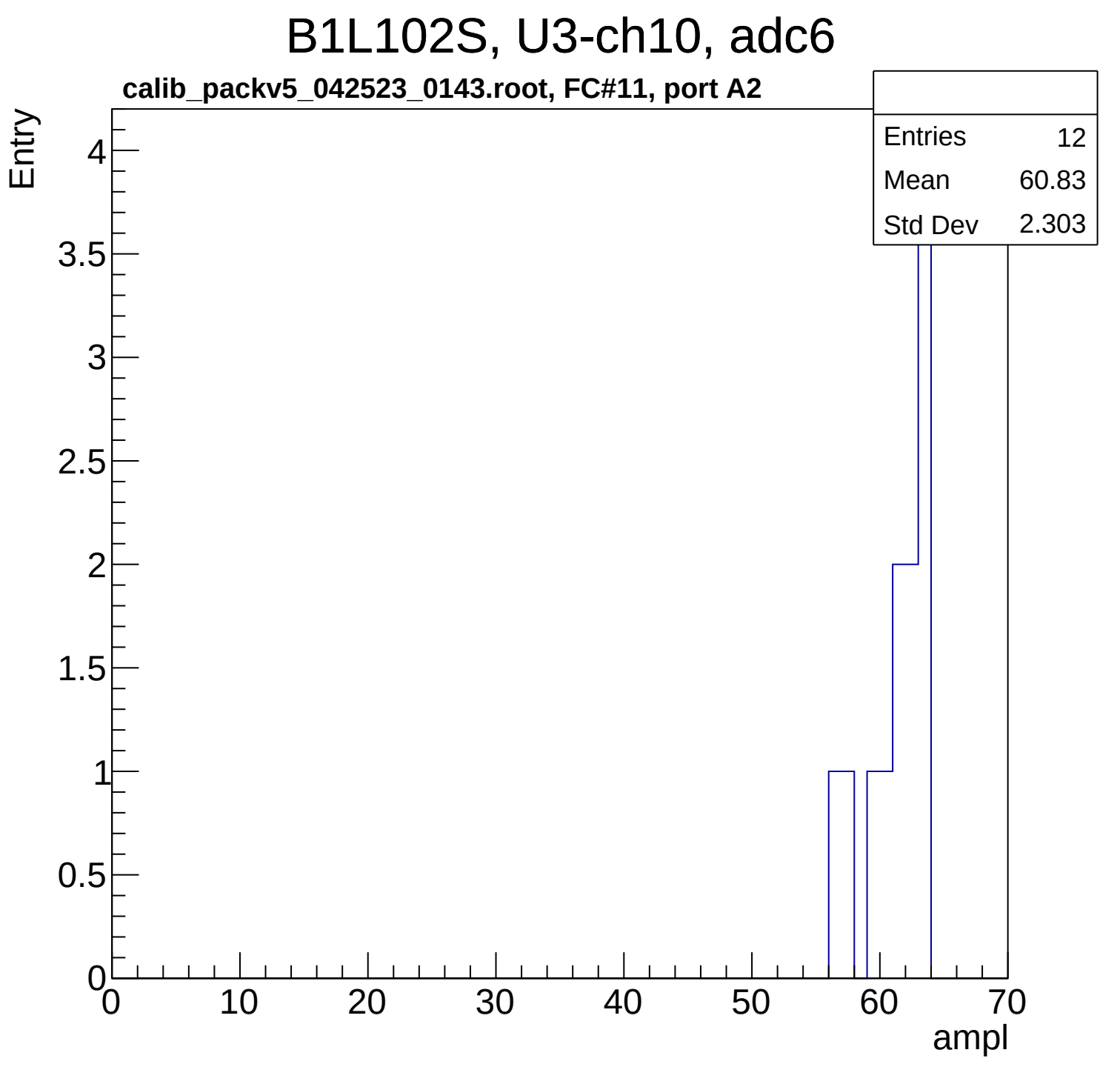
B1L102S, U3-ch10, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 60.83
Std Dev 2.303
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
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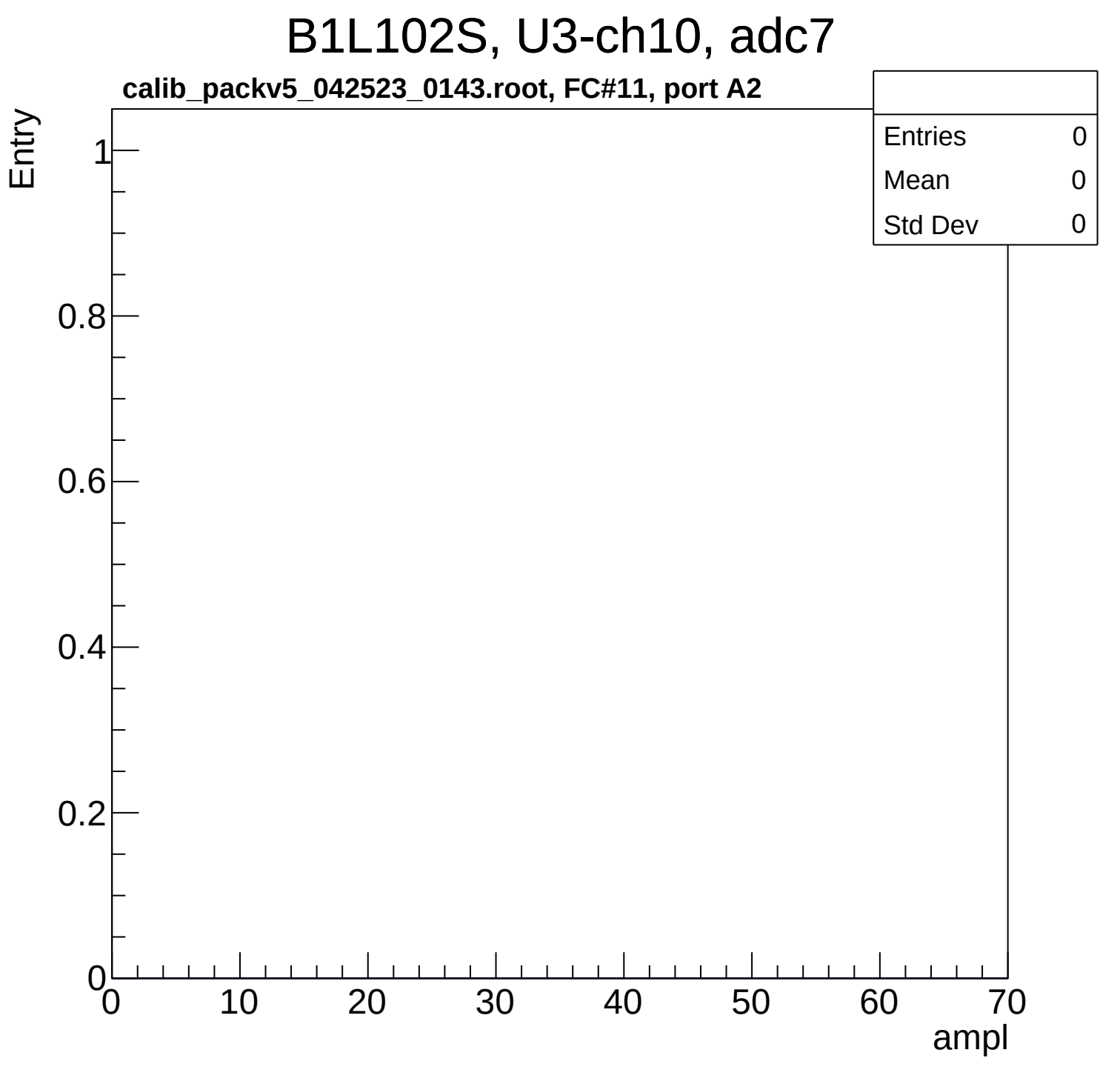
40
50
60
70


B1L102S, U3-ch10, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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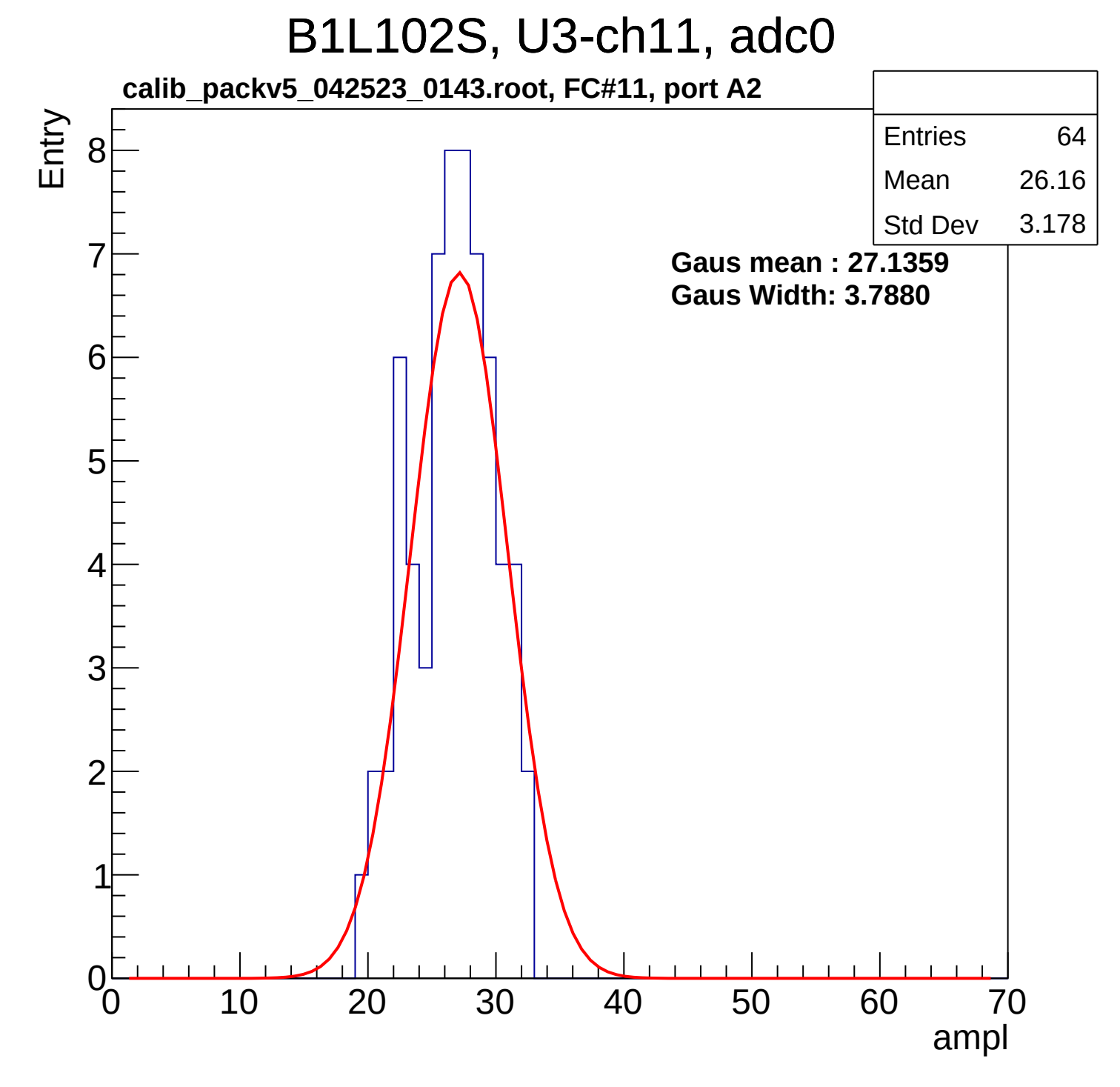
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch11, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 26.16
Std Dev 3.178
Gaus mean : 27.1359
Gaus Width: 3.7880
Entry
ampl
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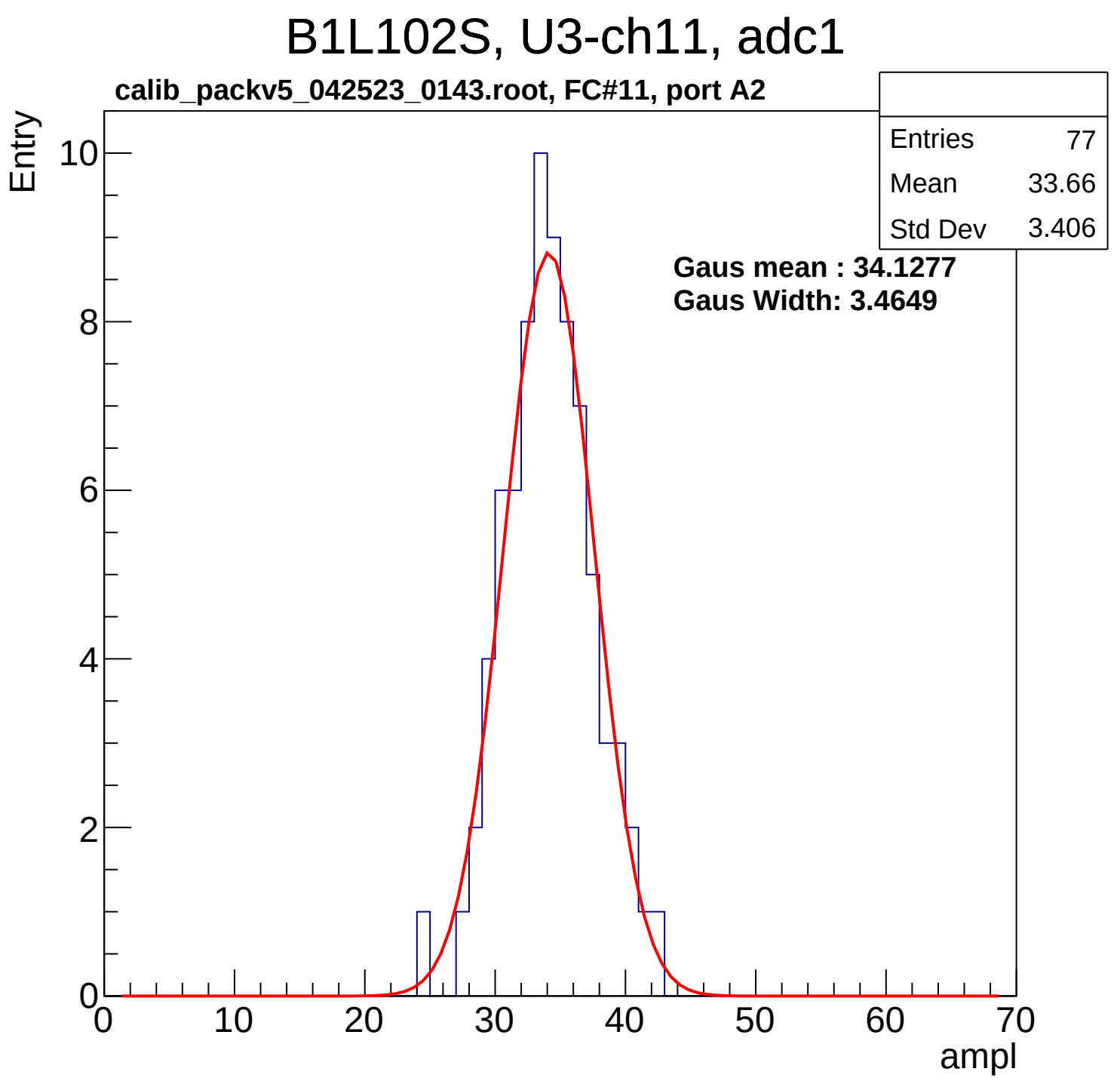
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch11, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 33.66
Std Dev 3.406
Gaus mean : 34.1277
Gaus Width: 3.4649
Entry
ampl
0
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4
6
8
10
0
10
20
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40
50
60
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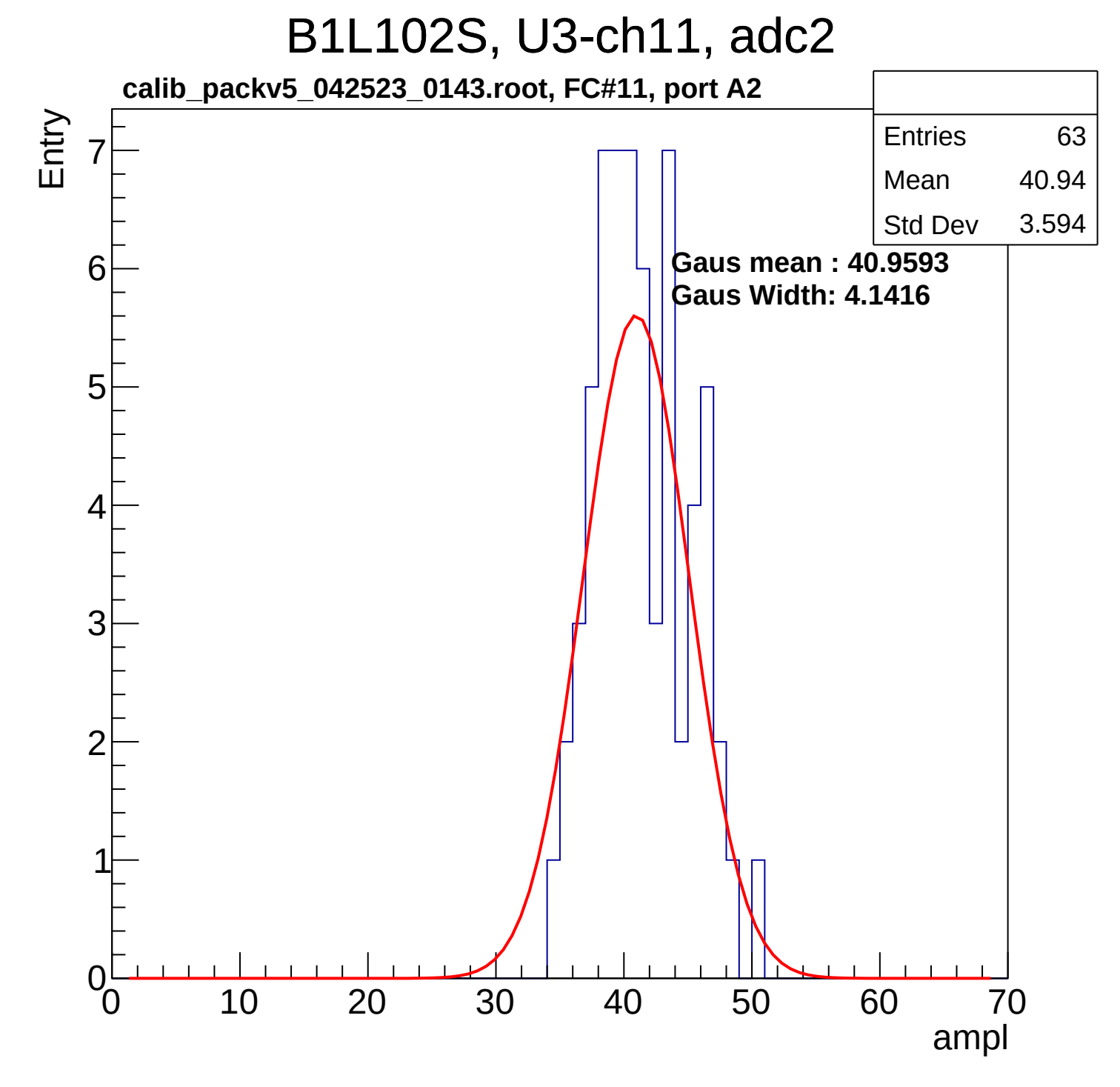
B1L102S, U3-ch11, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 40.94
Std Dev 3.594
Gaus mean : 40.9593
Gaus Width: 4.1416
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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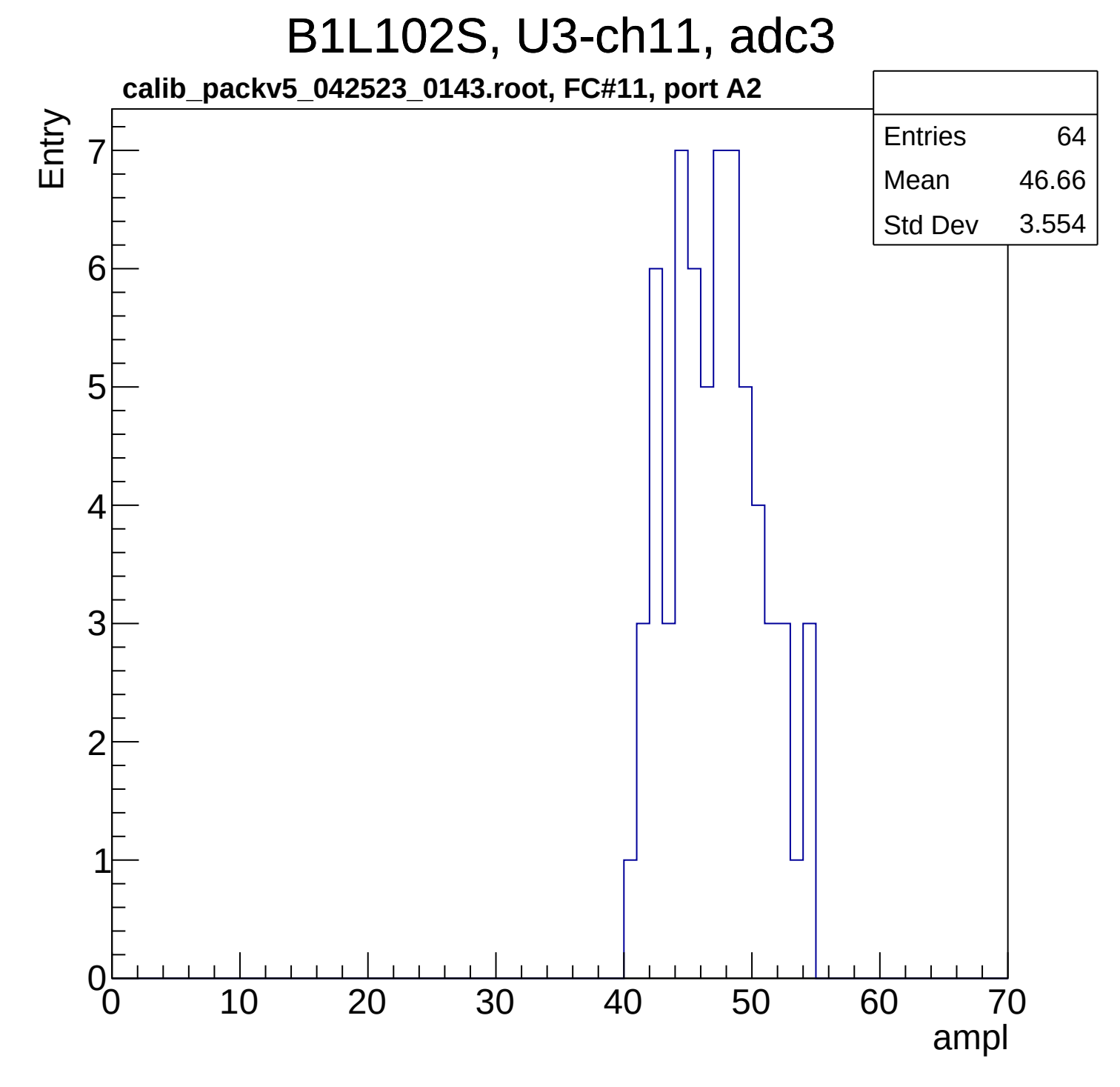
B1L102S, U3-ch11, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 46.66
Std Dev 3.554
Entry
ampl
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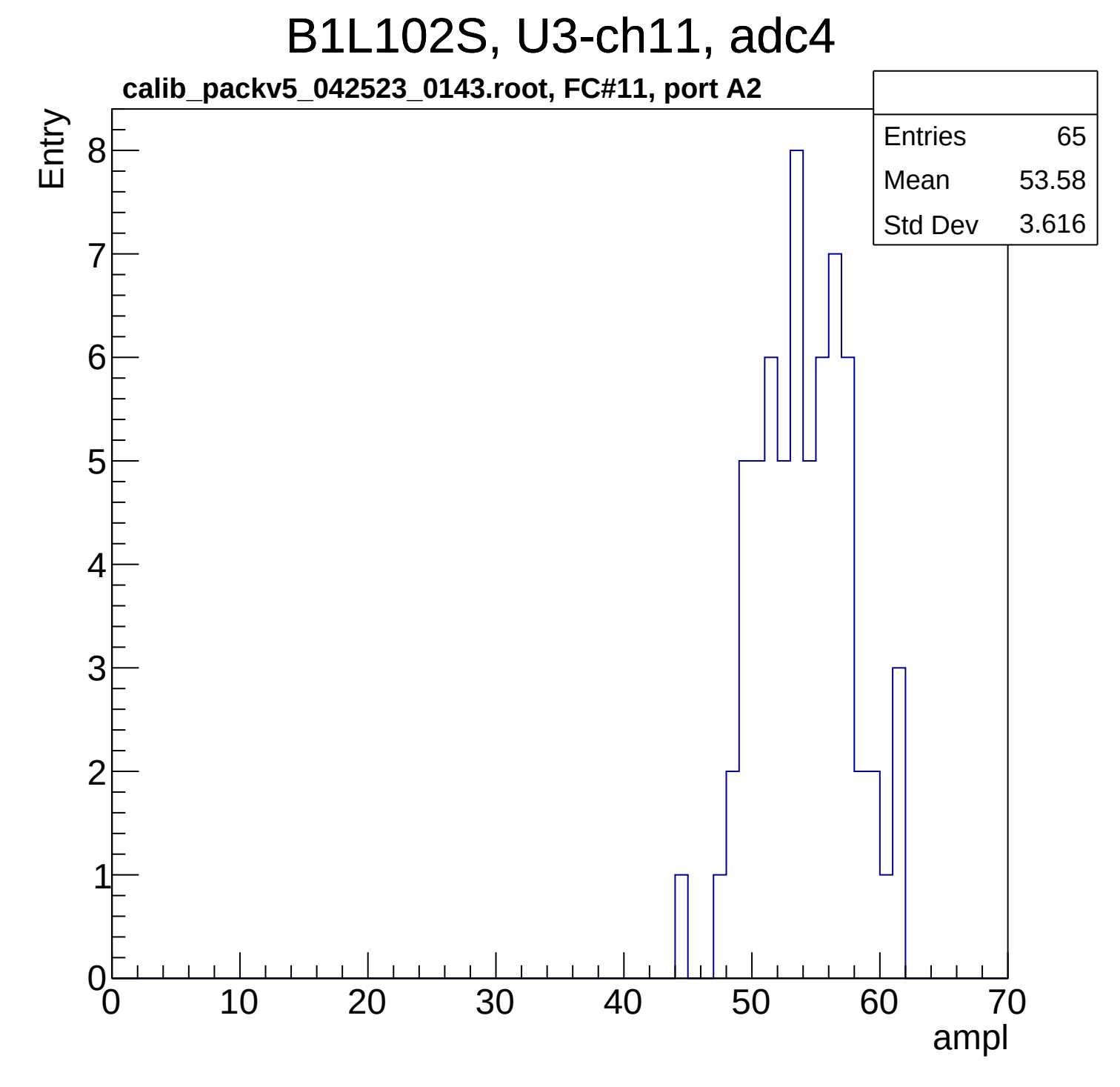
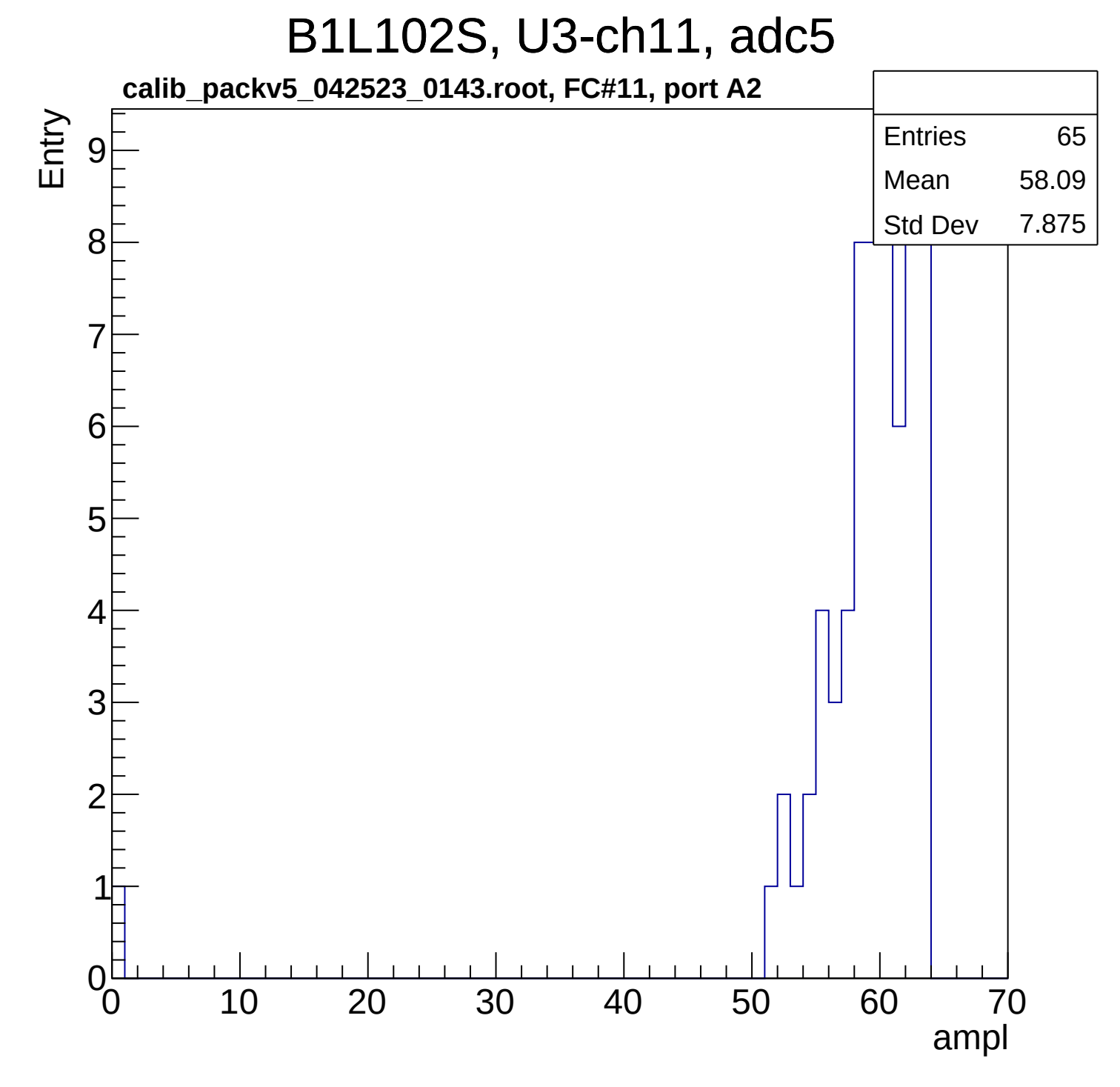

B1L102S, U3-ch11, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 53.58
Std Dev 3.616
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch11, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 58.09
Std Dev 7.875
Entry
ampl
0
1
2
3
4
5
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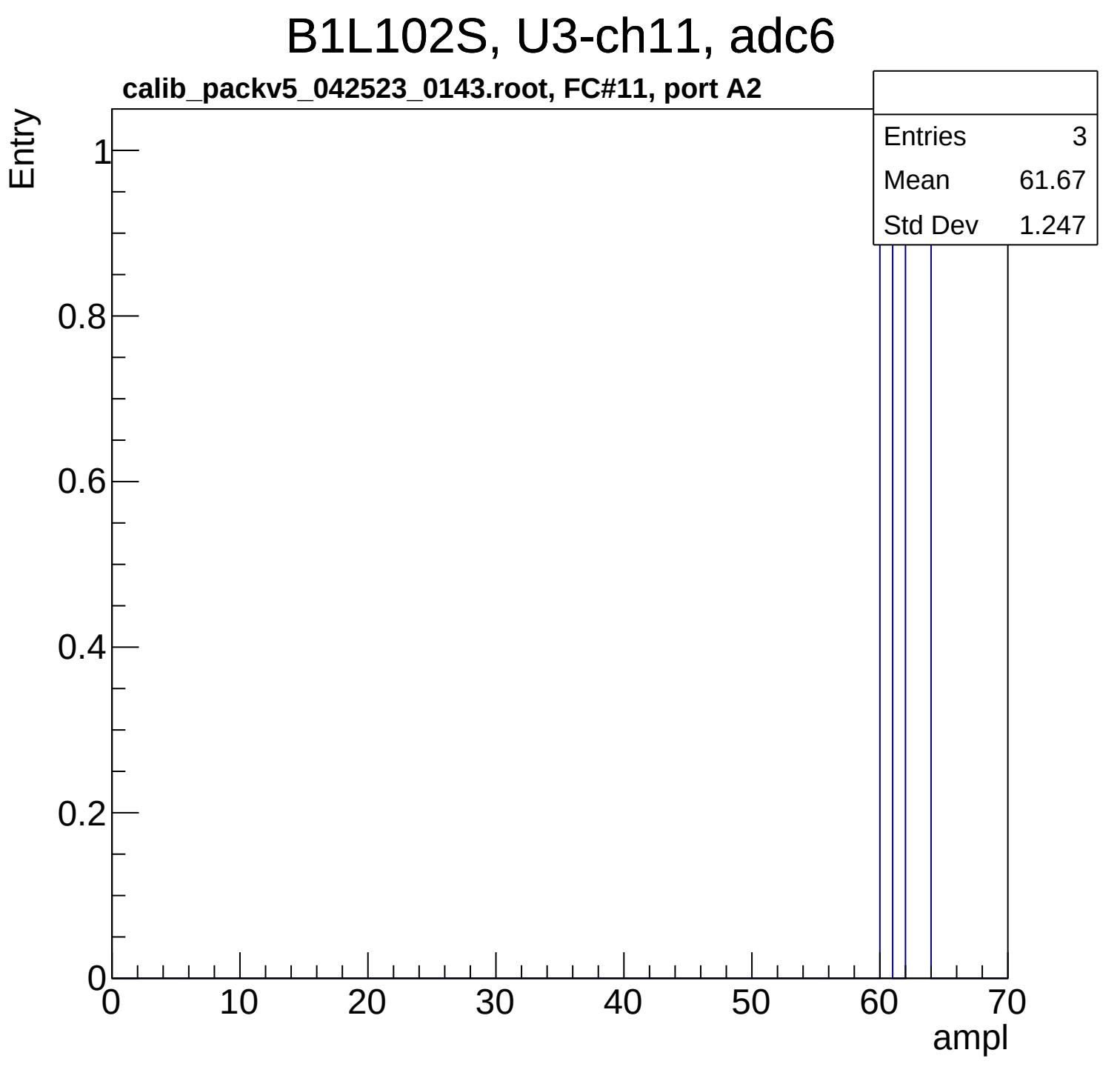
B1L102S, U3-ch11, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 61.67
Std Dev 1.247
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
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40
50
60
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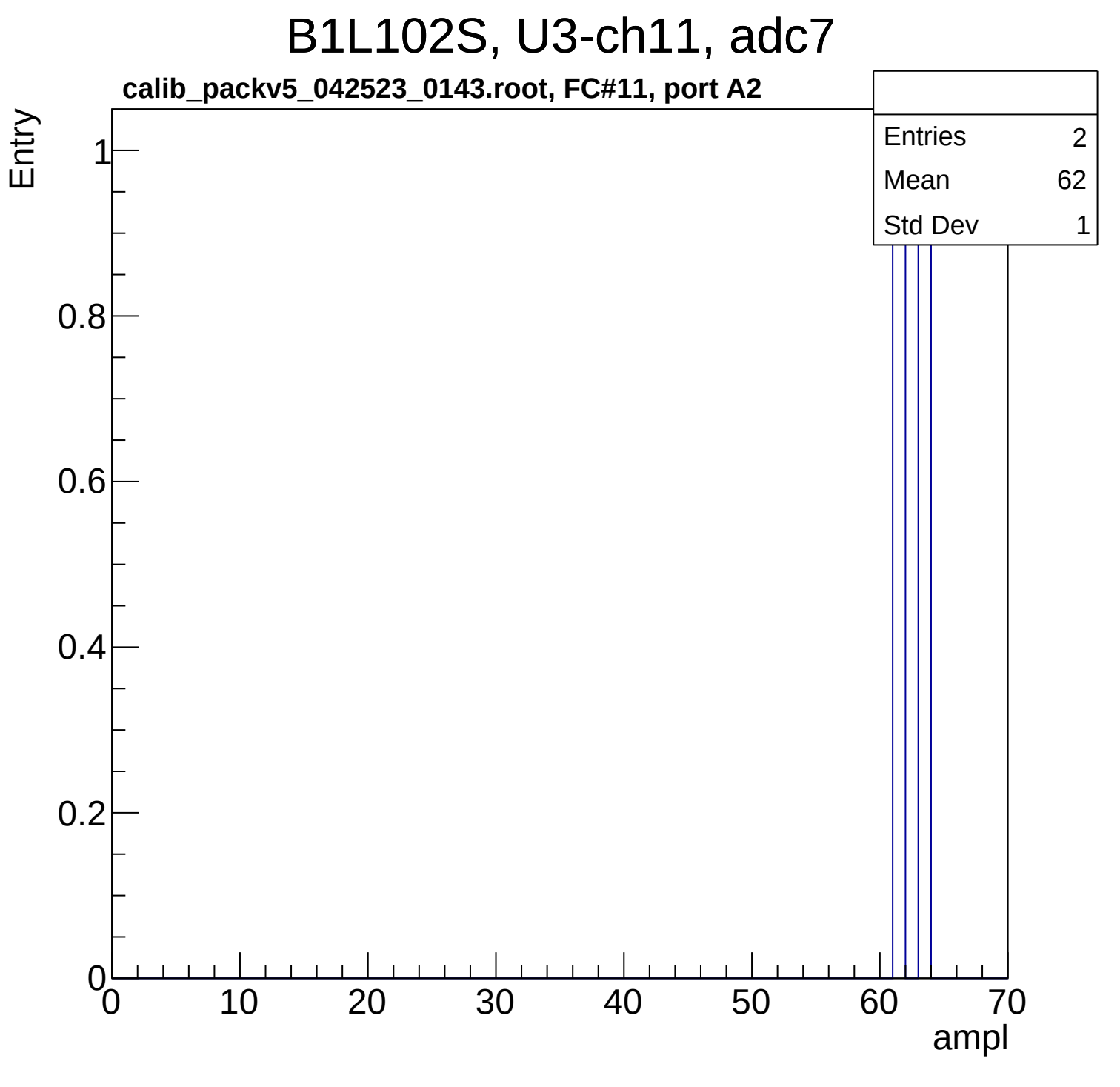
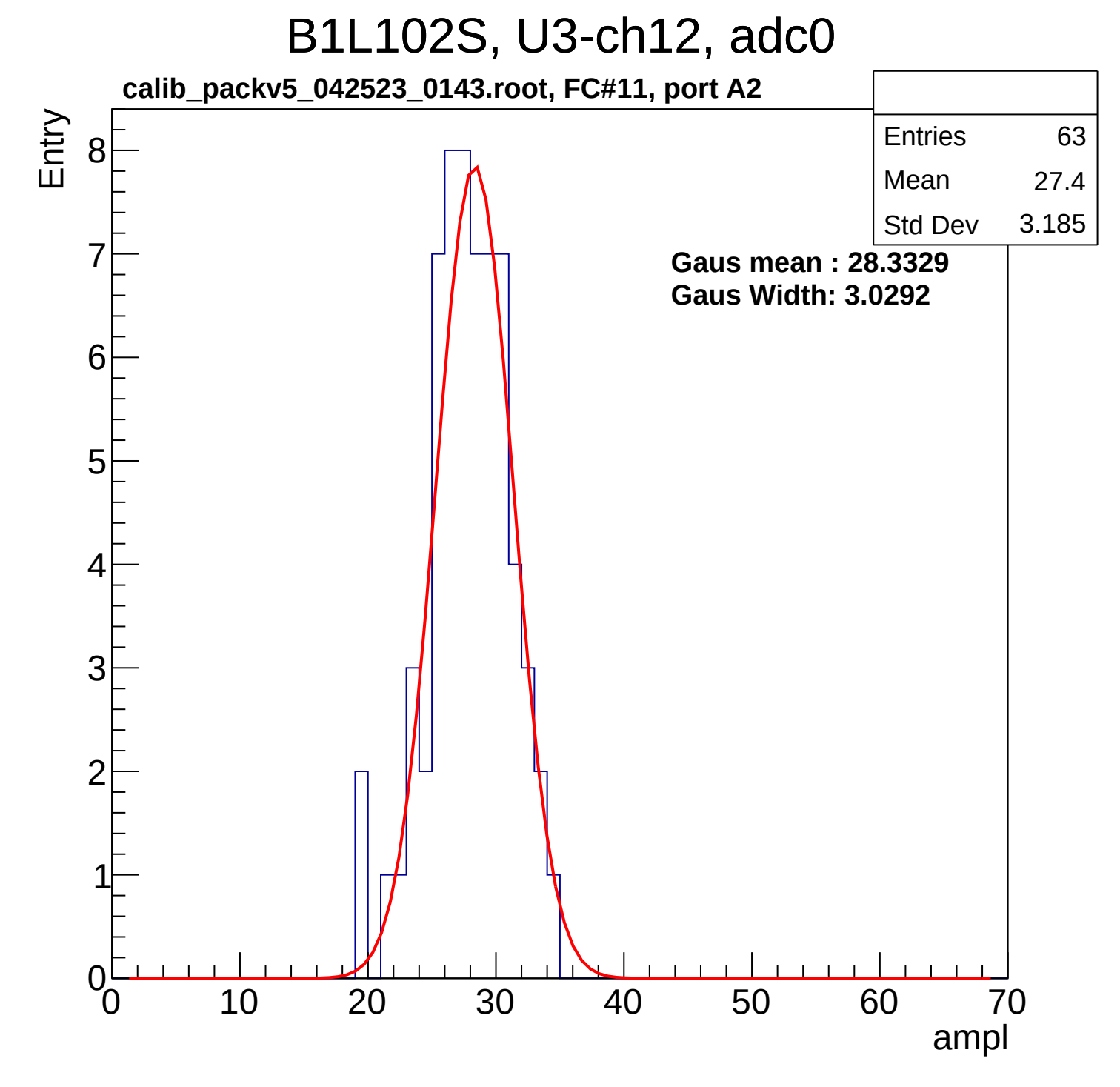
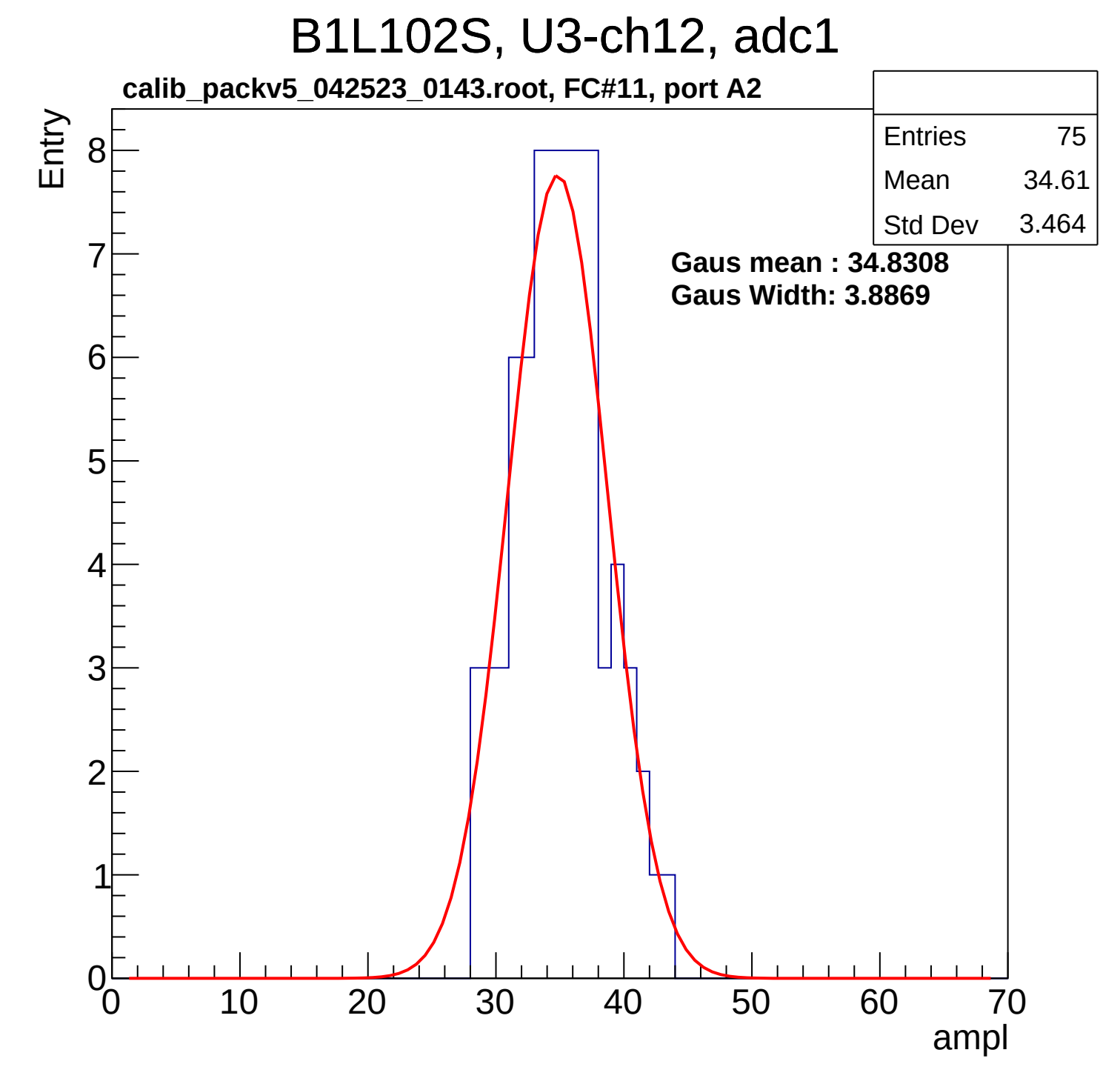

B1L102S, U3-ch11, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch12, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 27.4
Std Dev 3.185
Gaus mean : 28.3329
Gaus Width: 3.0292
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch12, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 34.61
Std Dev 3.464
Gaus mean : 34.8308
Gaus Width: 3.8869
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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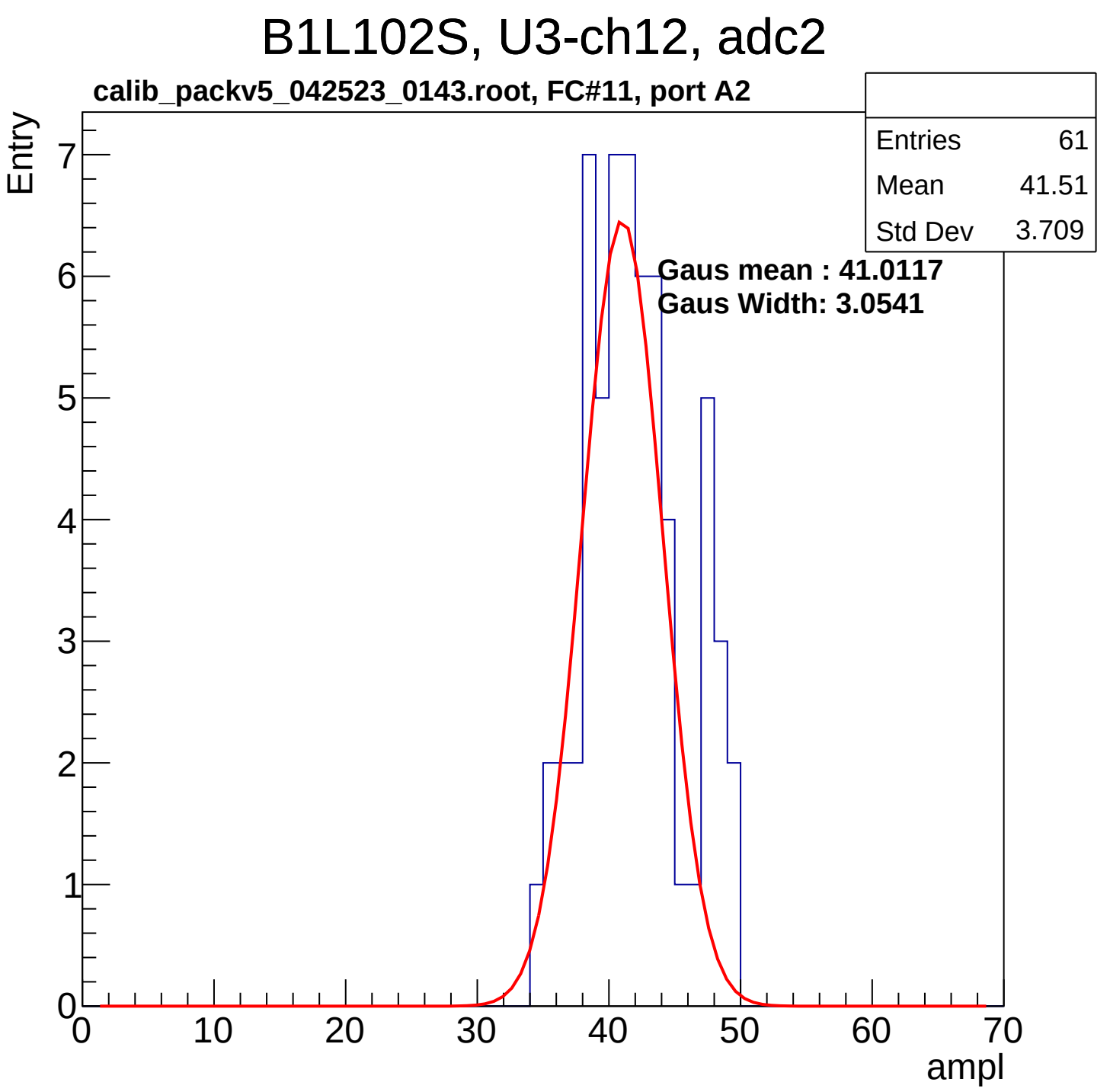
B1L102S, U3-ch12, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 41.51
Std Dev 3.709
Gaus mean : 41.0117
Gaus Width: 3.0541
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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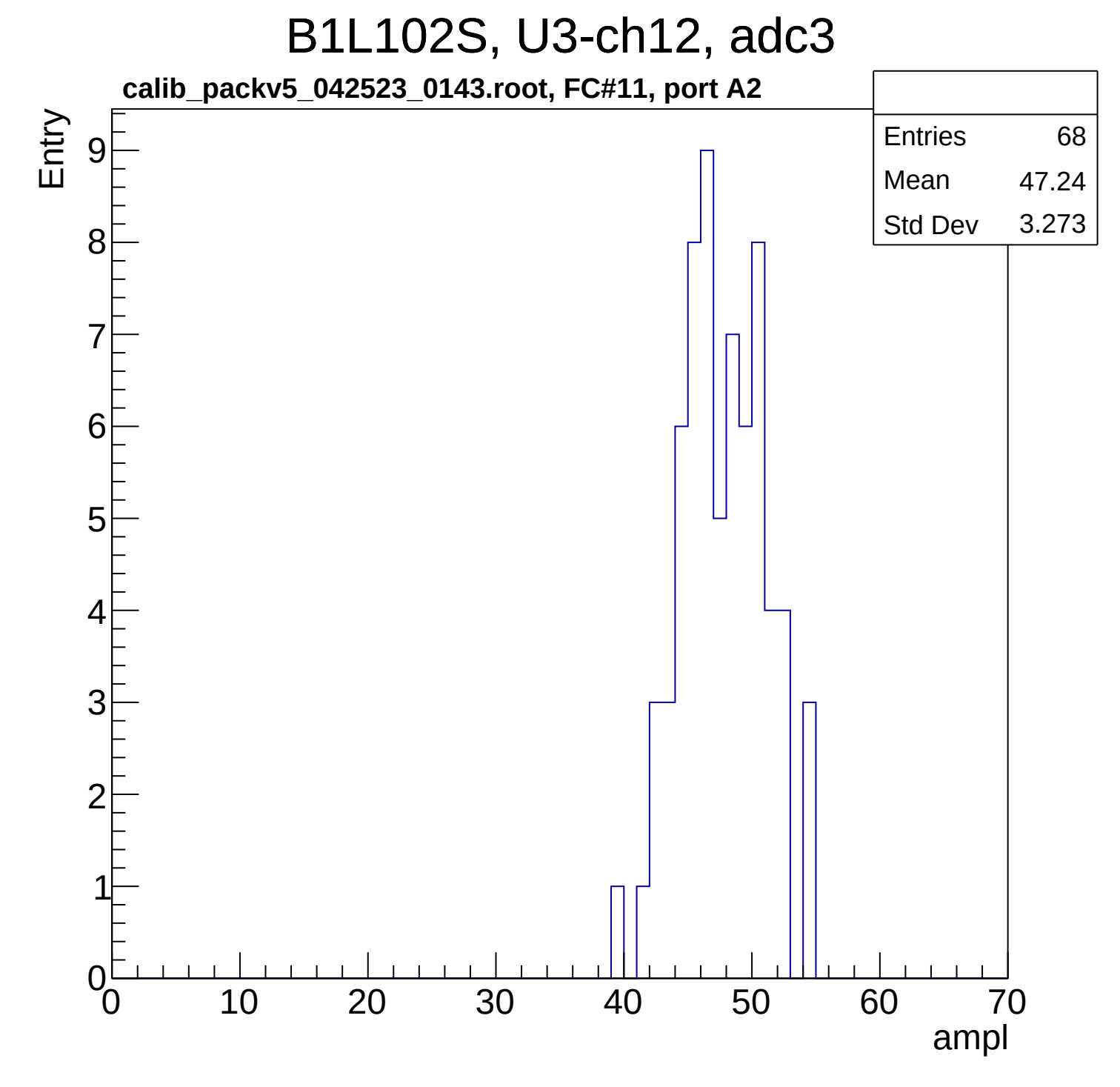
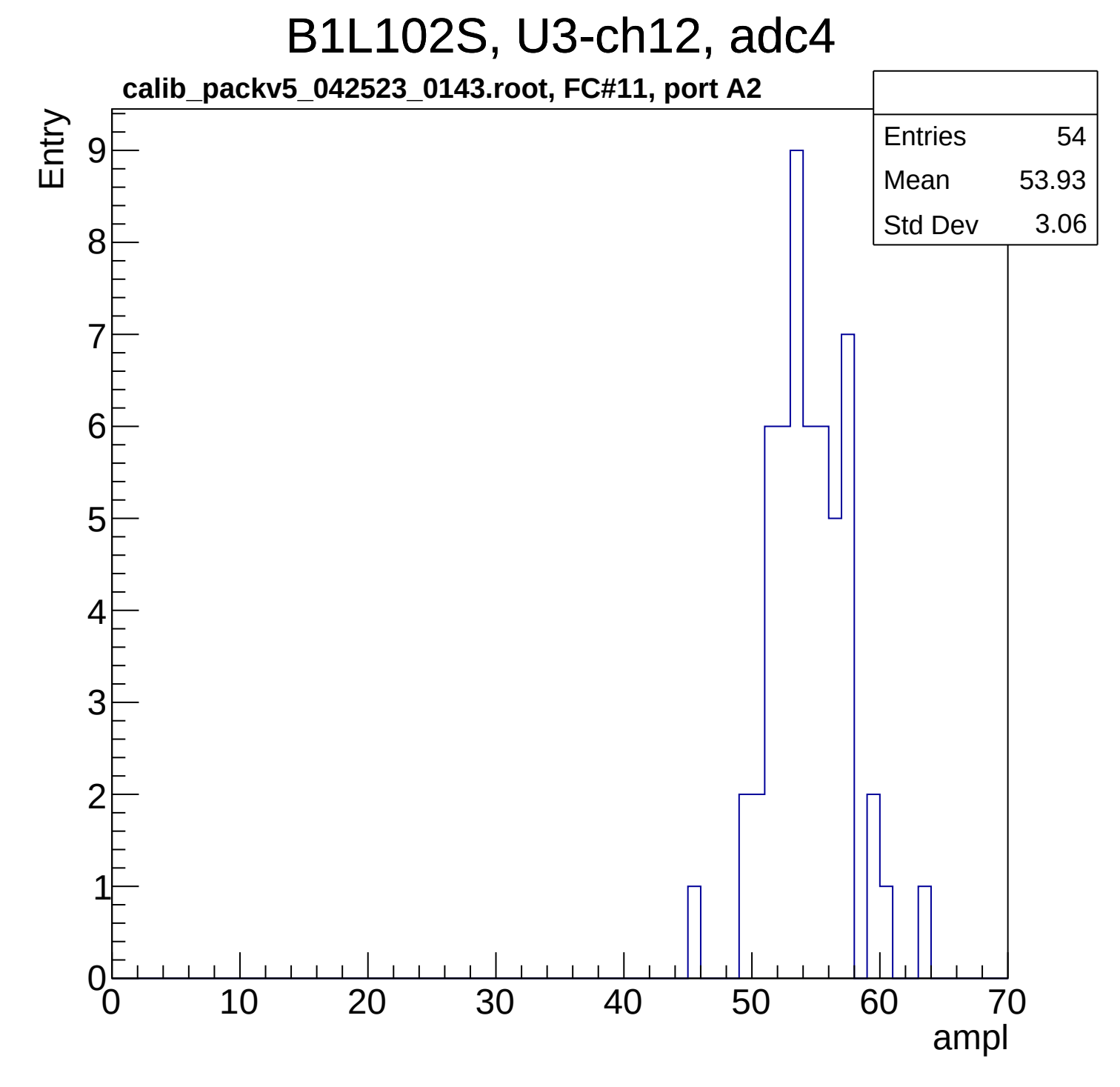
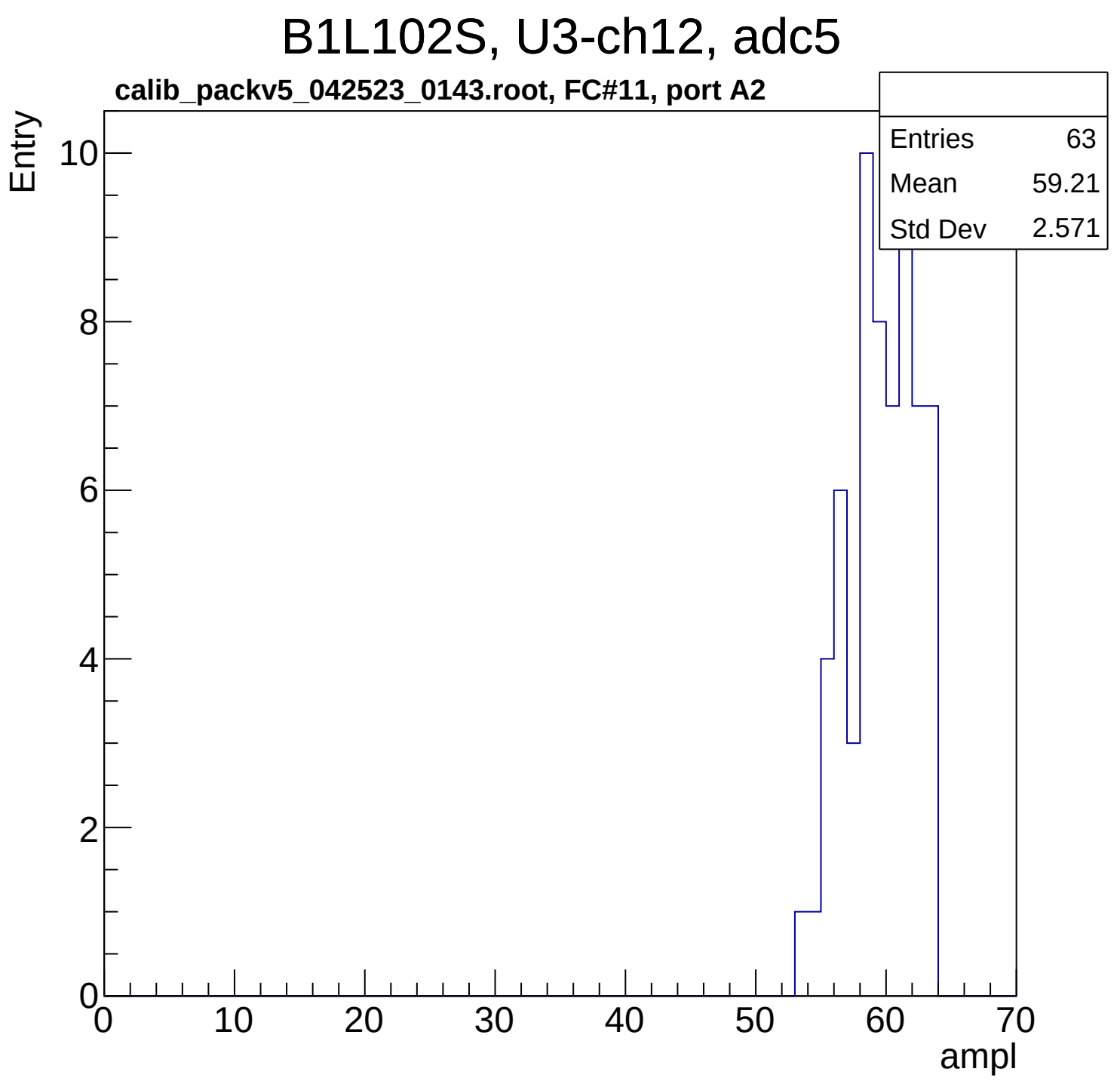
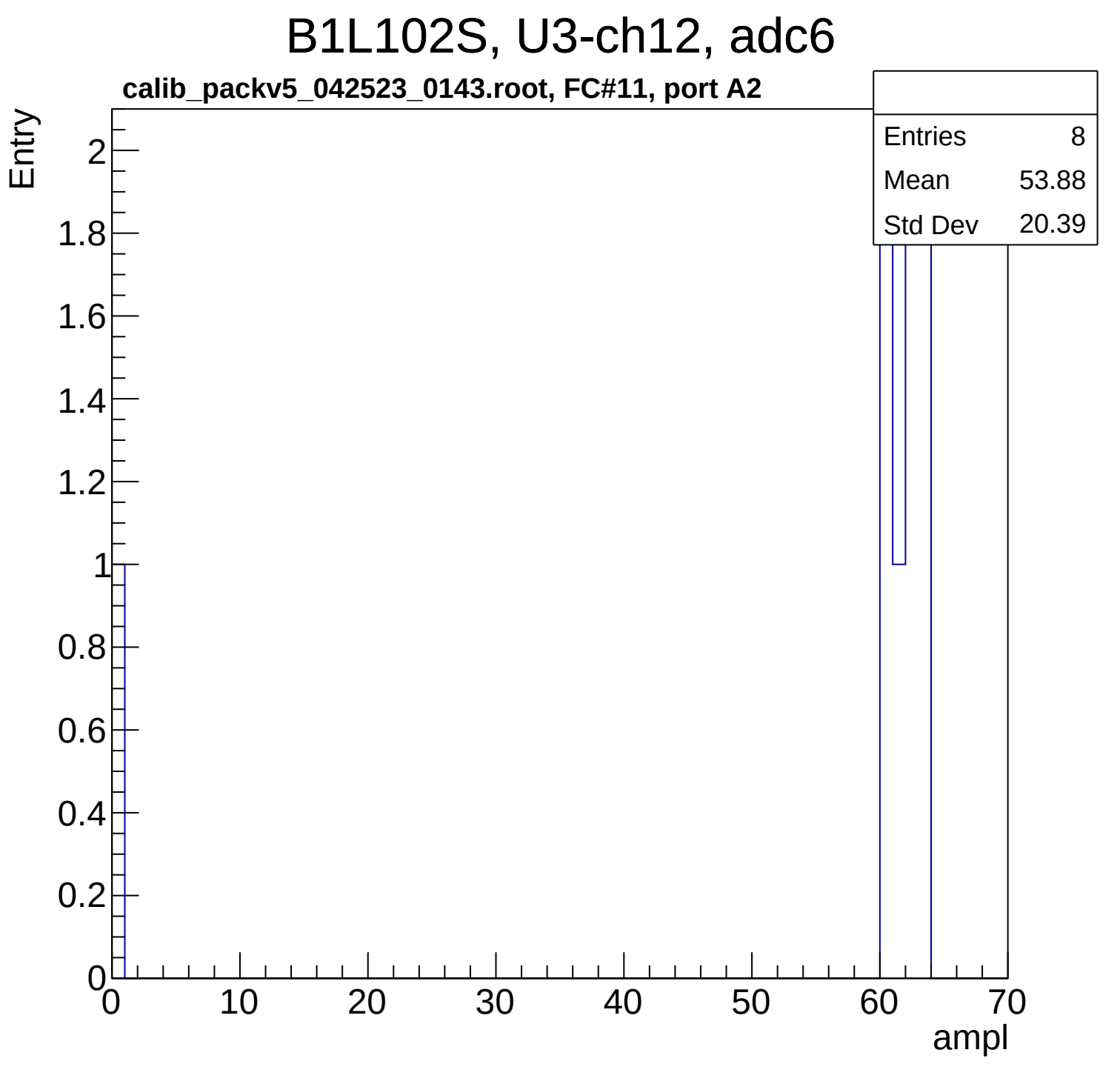
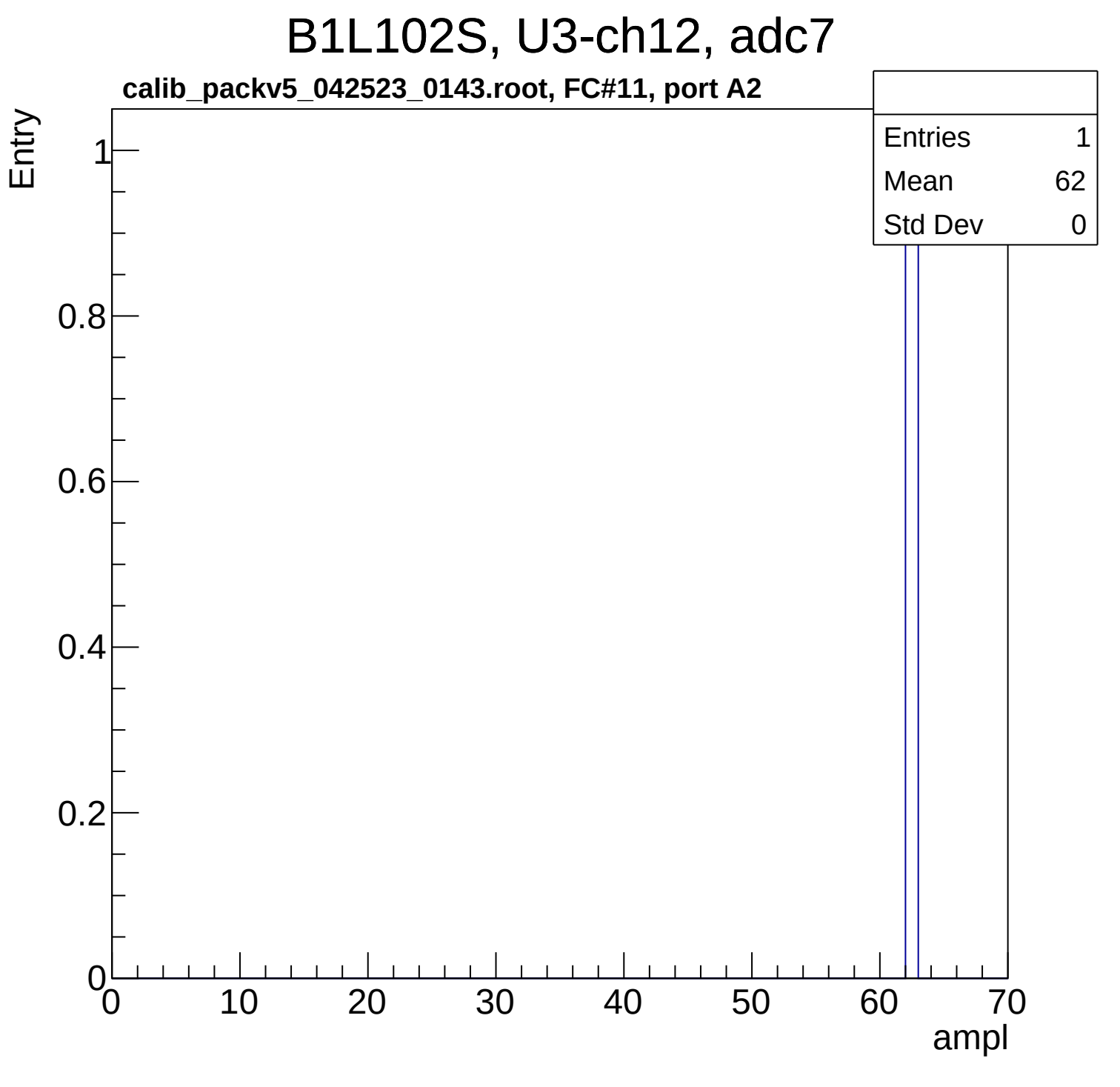
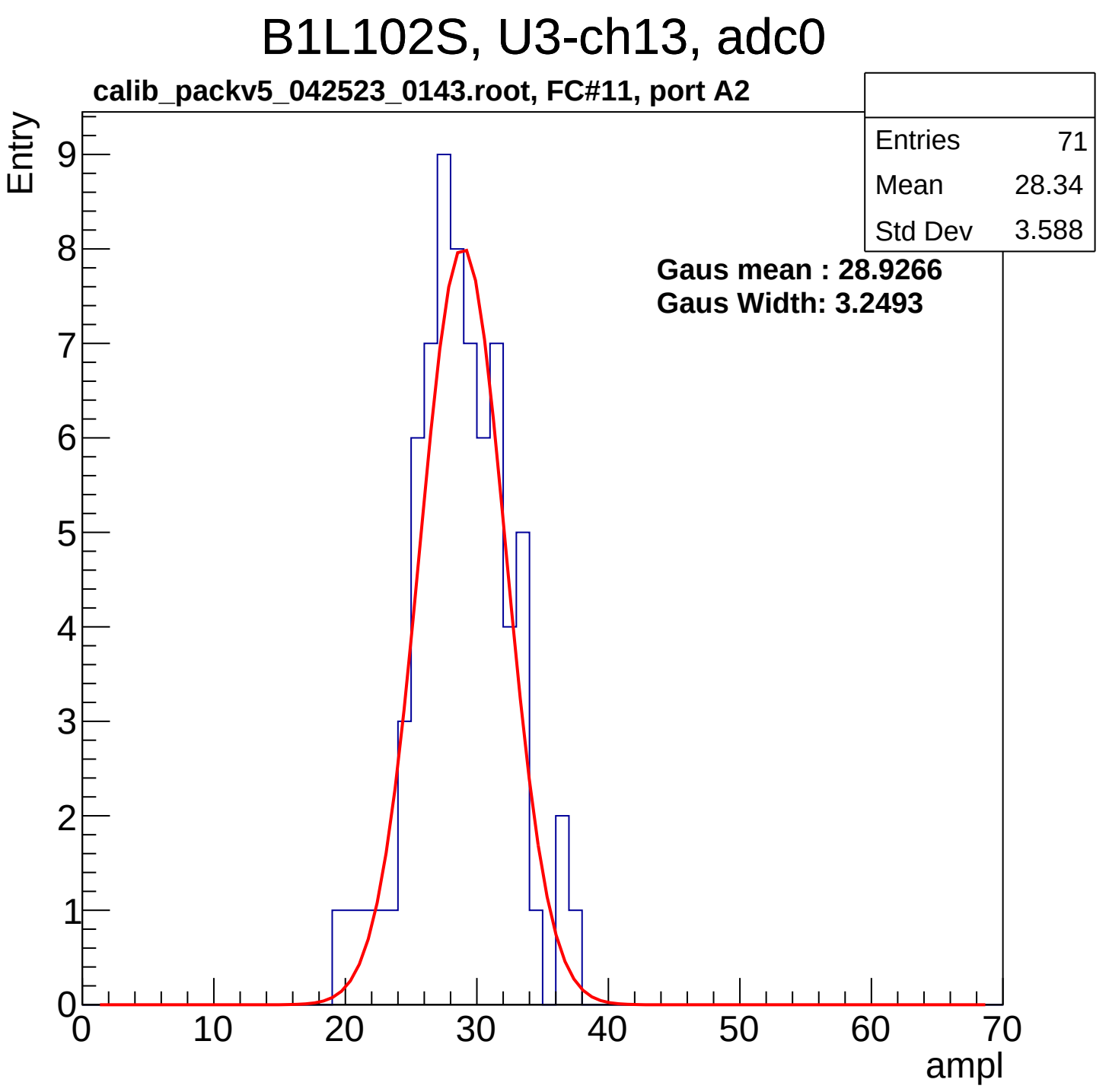

B1L102S, U3-ch12, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 47.24
Std Dev 3.273
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

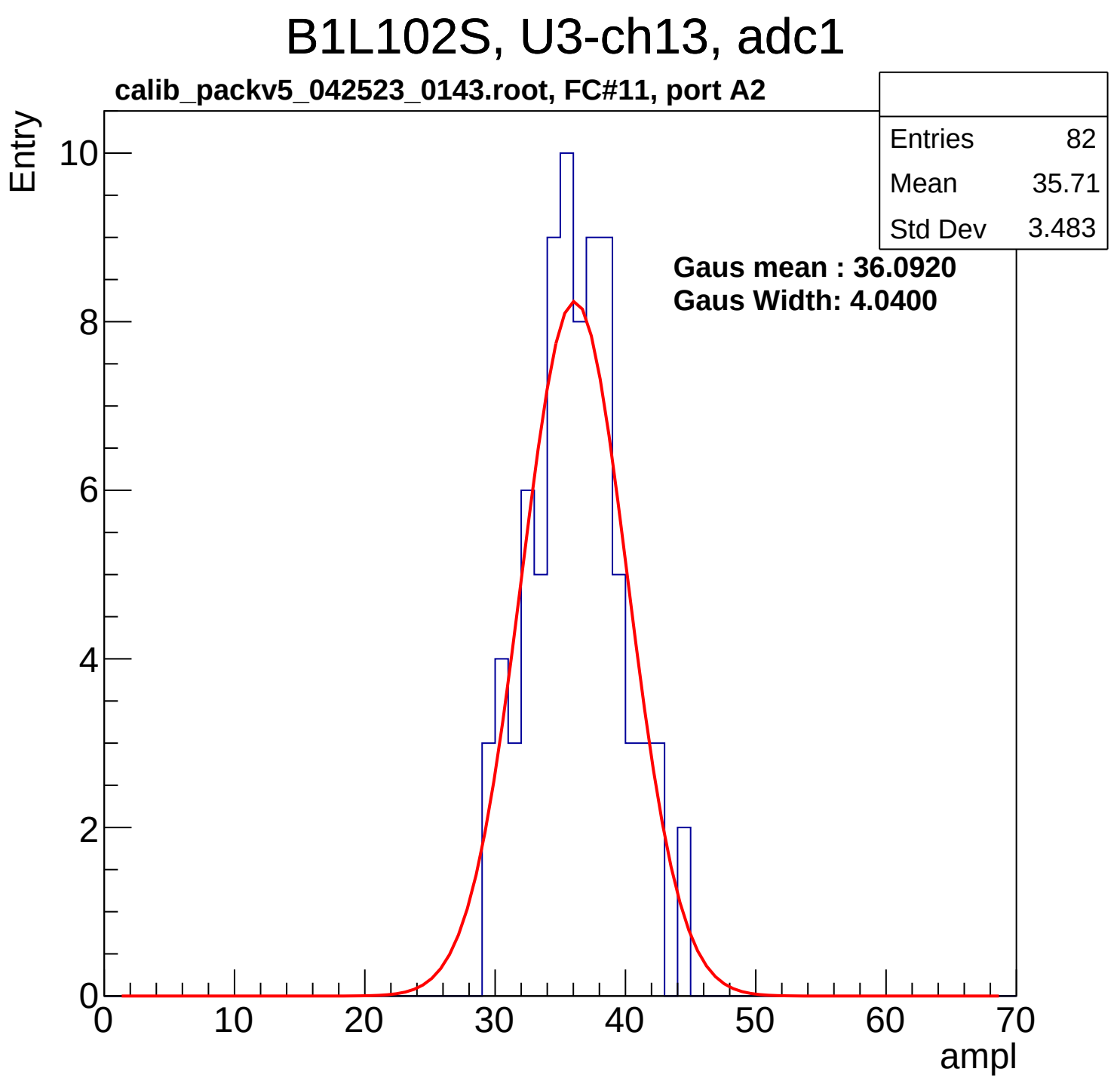

B1L102S, U3-ch12, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 53.93
Std Dev 3.06
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

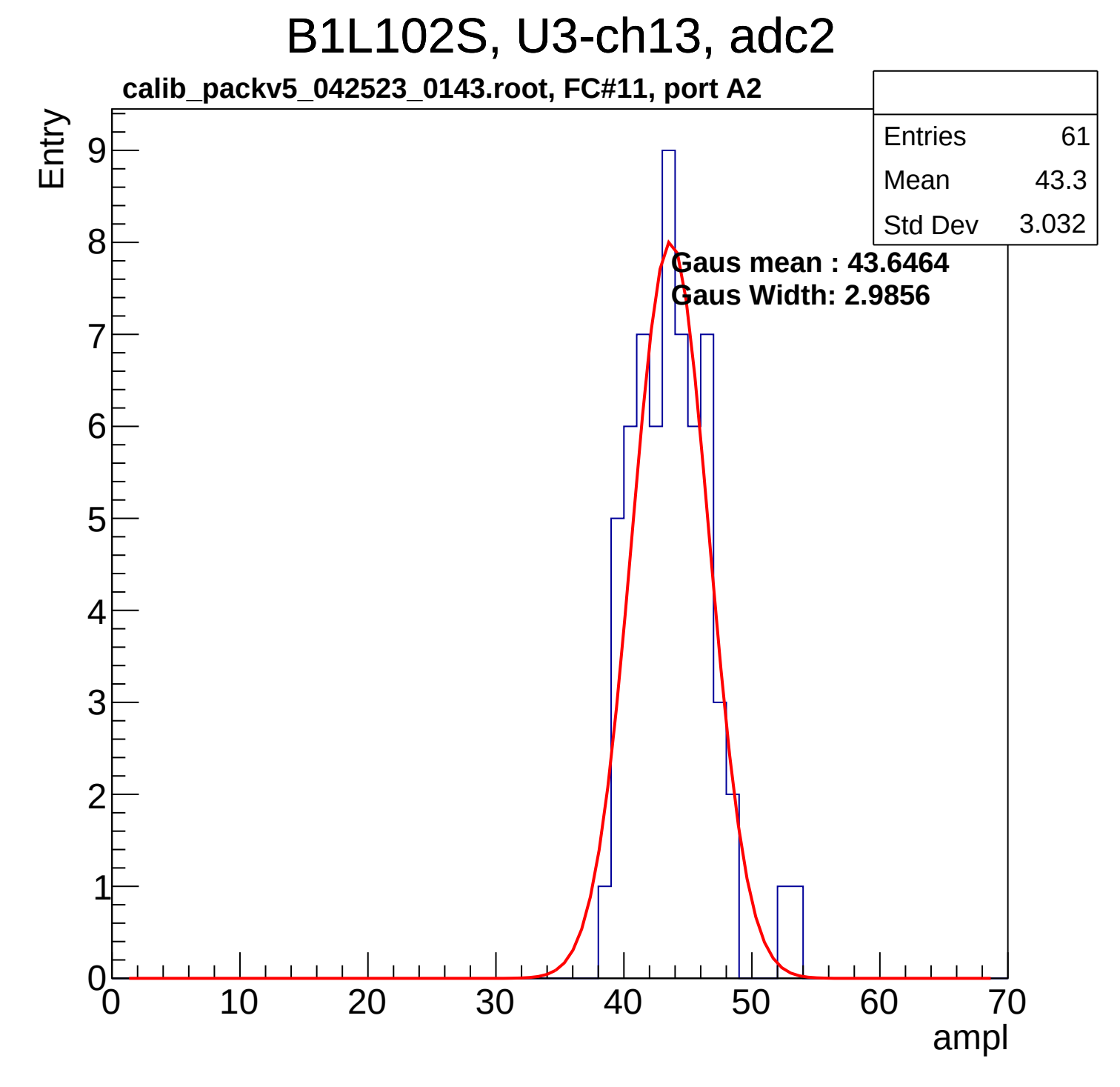

B1L102S, U3-ch12, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 59.21
Std Dev 2.571
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

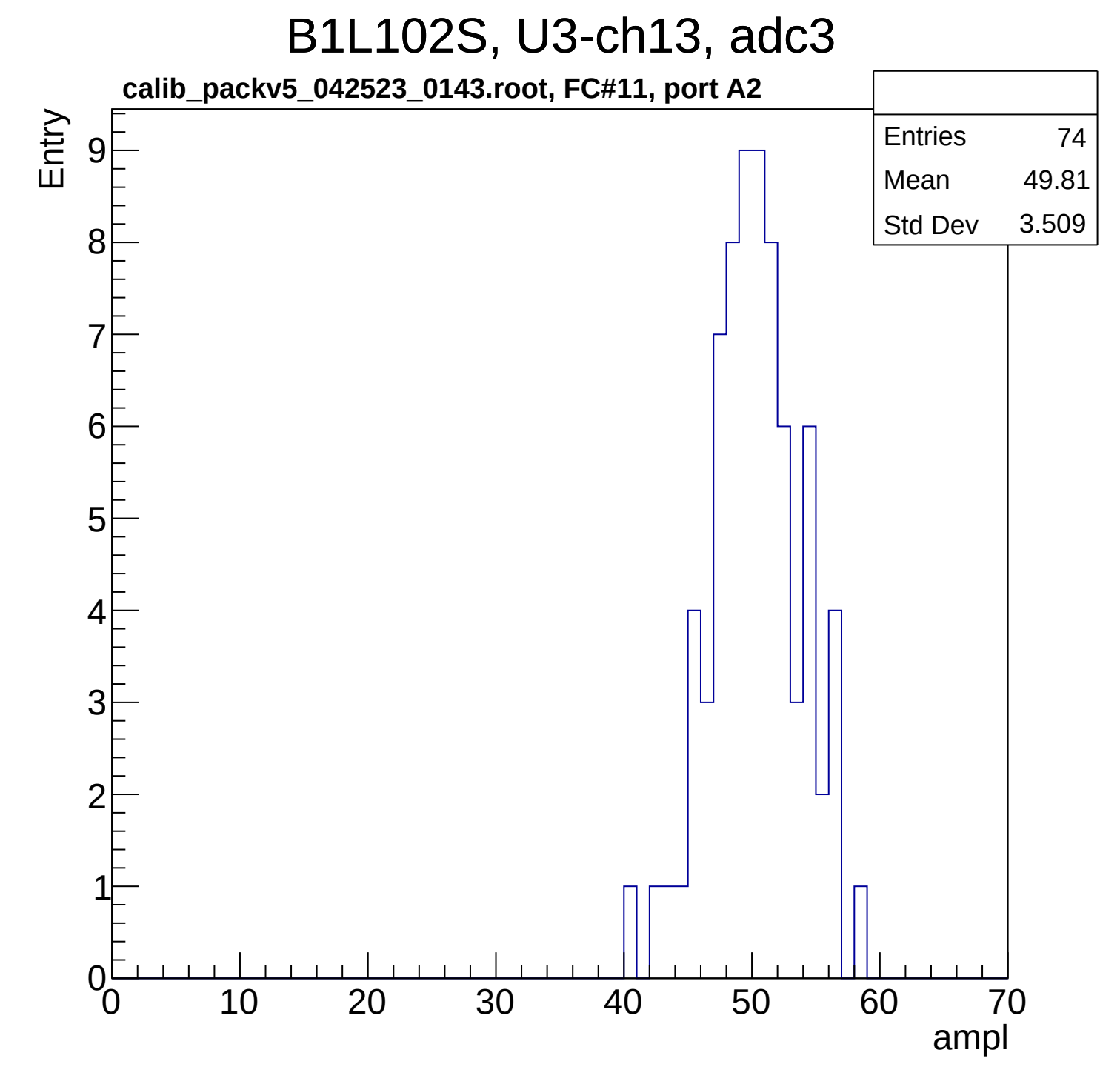

B1L102S, U3-ch12, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 53.88
Std Dev 20.39
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

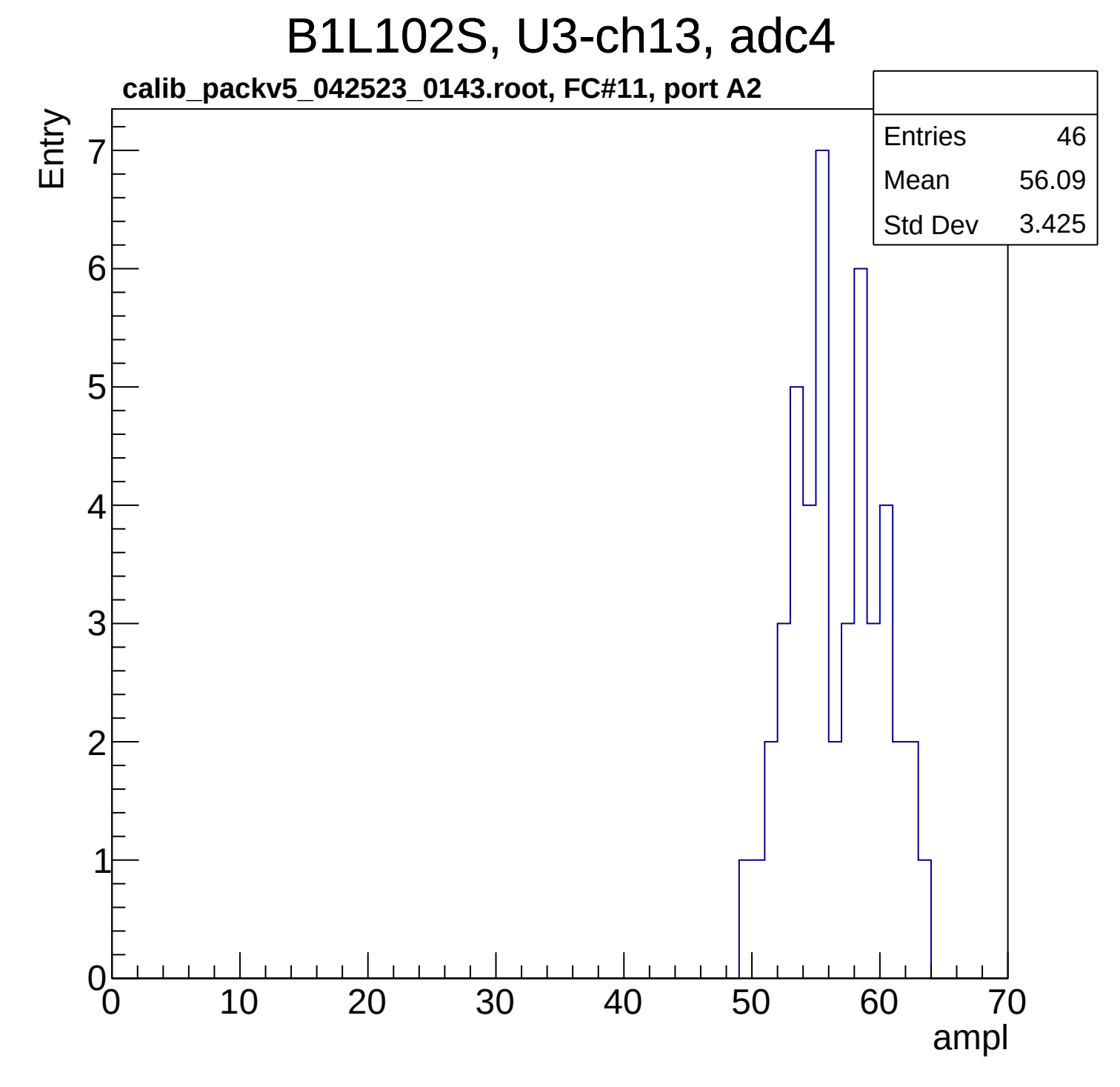

B1L102S, U3-ch12, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

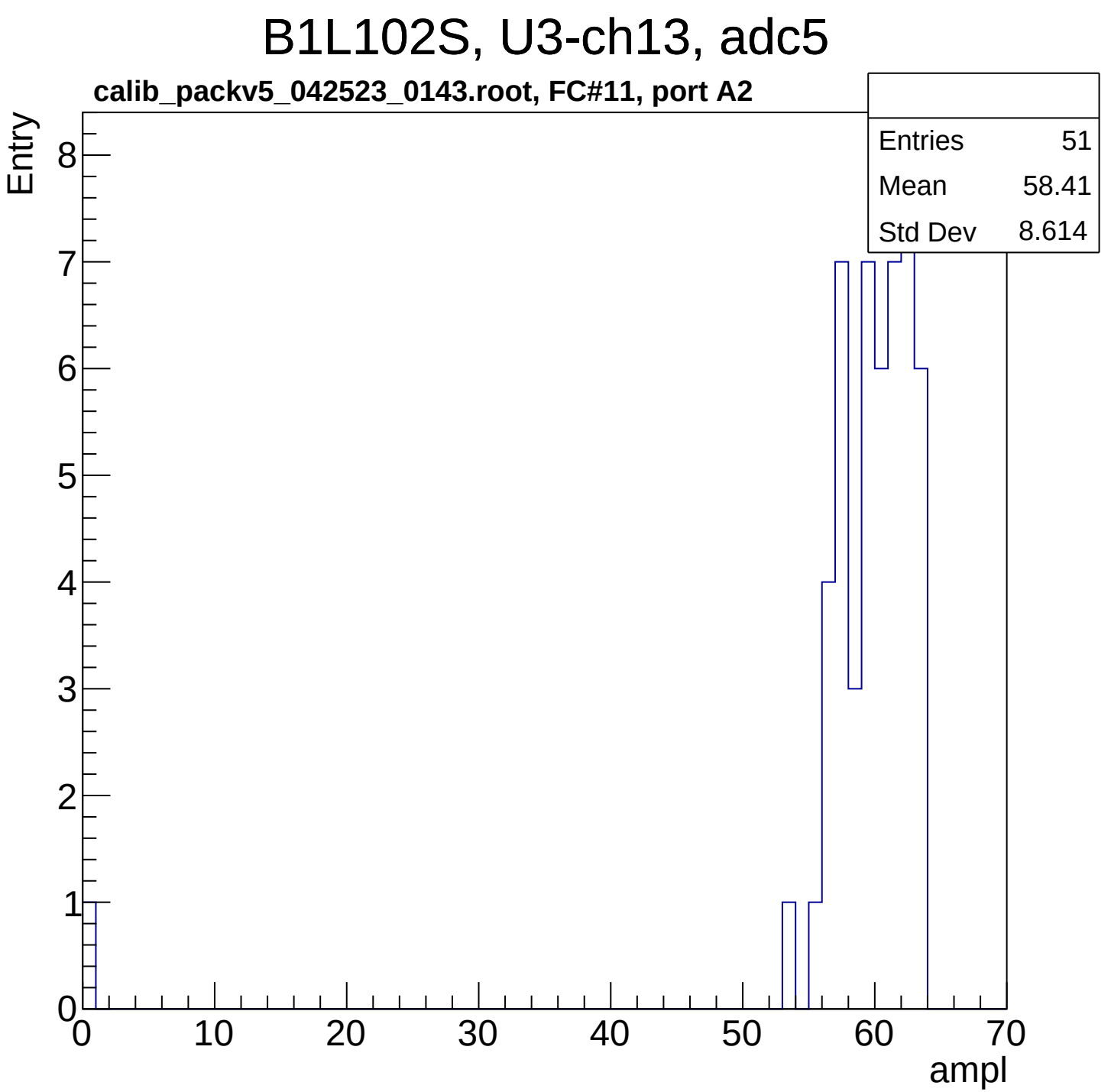

B1L102S, U3-ch13, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 28.34
Std Dev 3.588
Gaus mean : 28.9266
Gaus Width: 3.2493
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

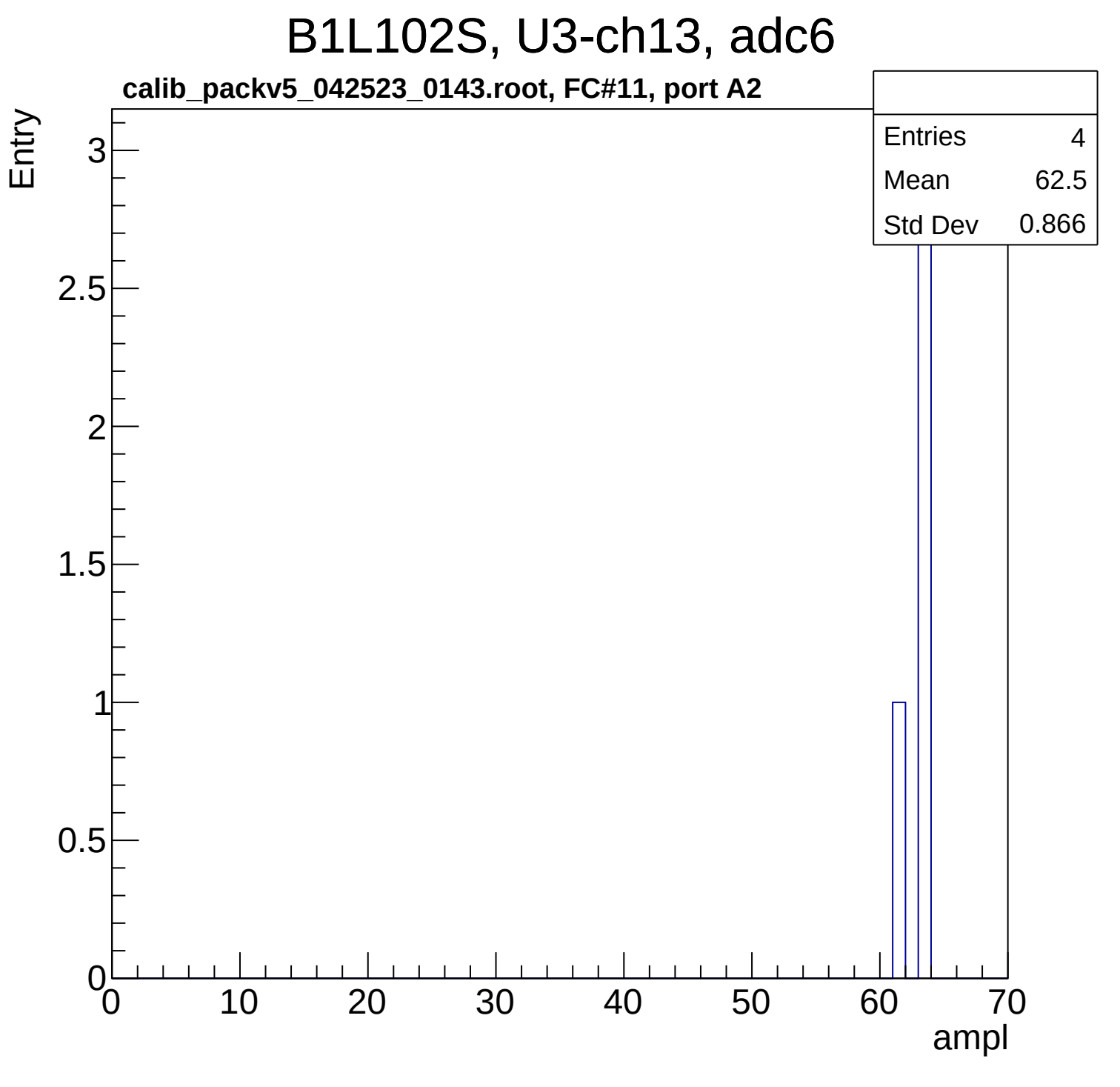

B1L102S, U3-ch13, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 35.71
Std Dev 3.483
Gaus mean : 36.0920
Gaus Width: 4.0400
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch13, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 43.3
Std Dev 3.032
Gaus mean : 43.6464
Gaus Width: 2.9856
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch13, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 49.81
Std Dev 3.509
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch13, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 56.09
Std Dev 3.425
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch13, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 58.41
Std Dev 8.614
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch13, 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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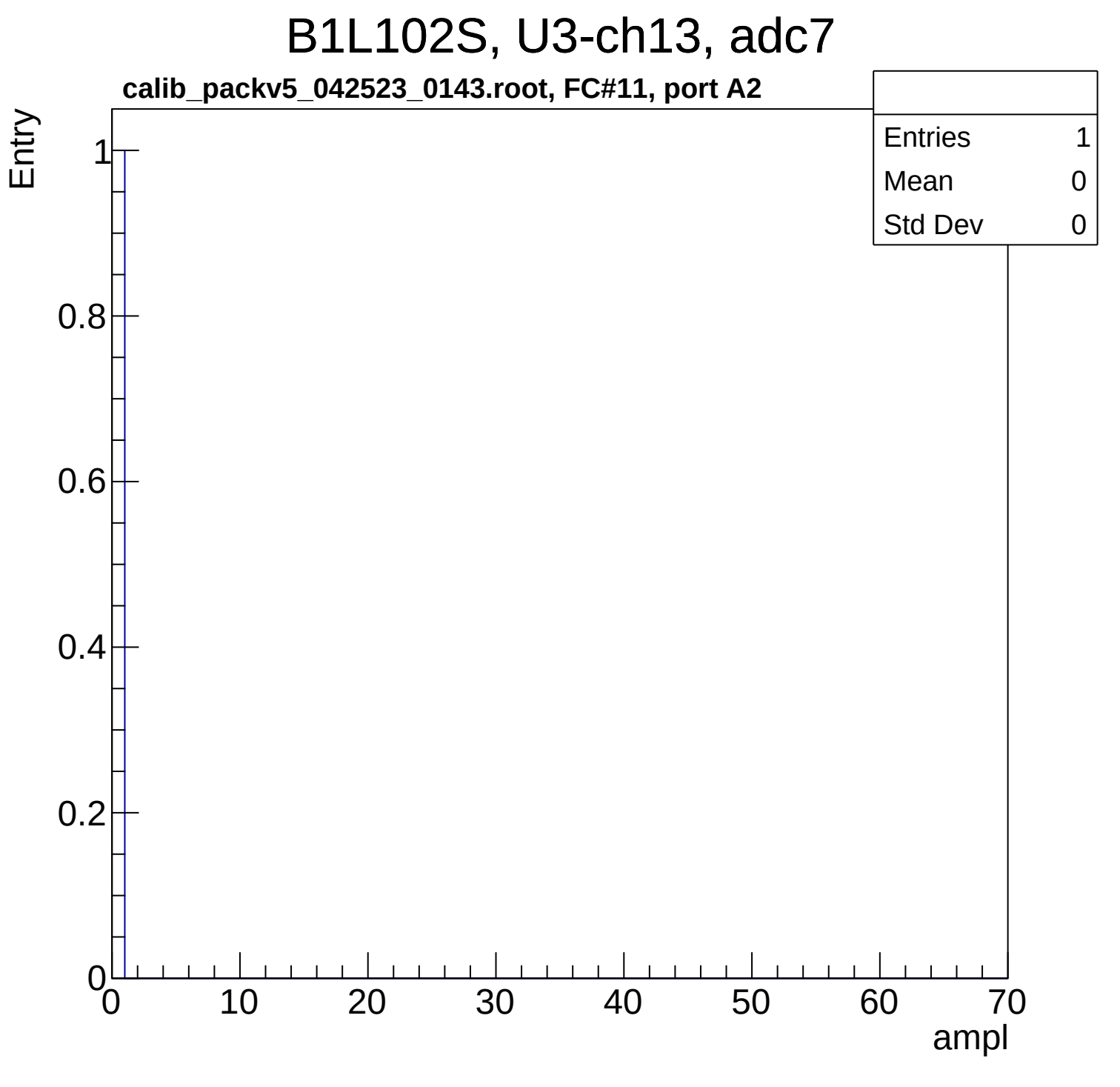
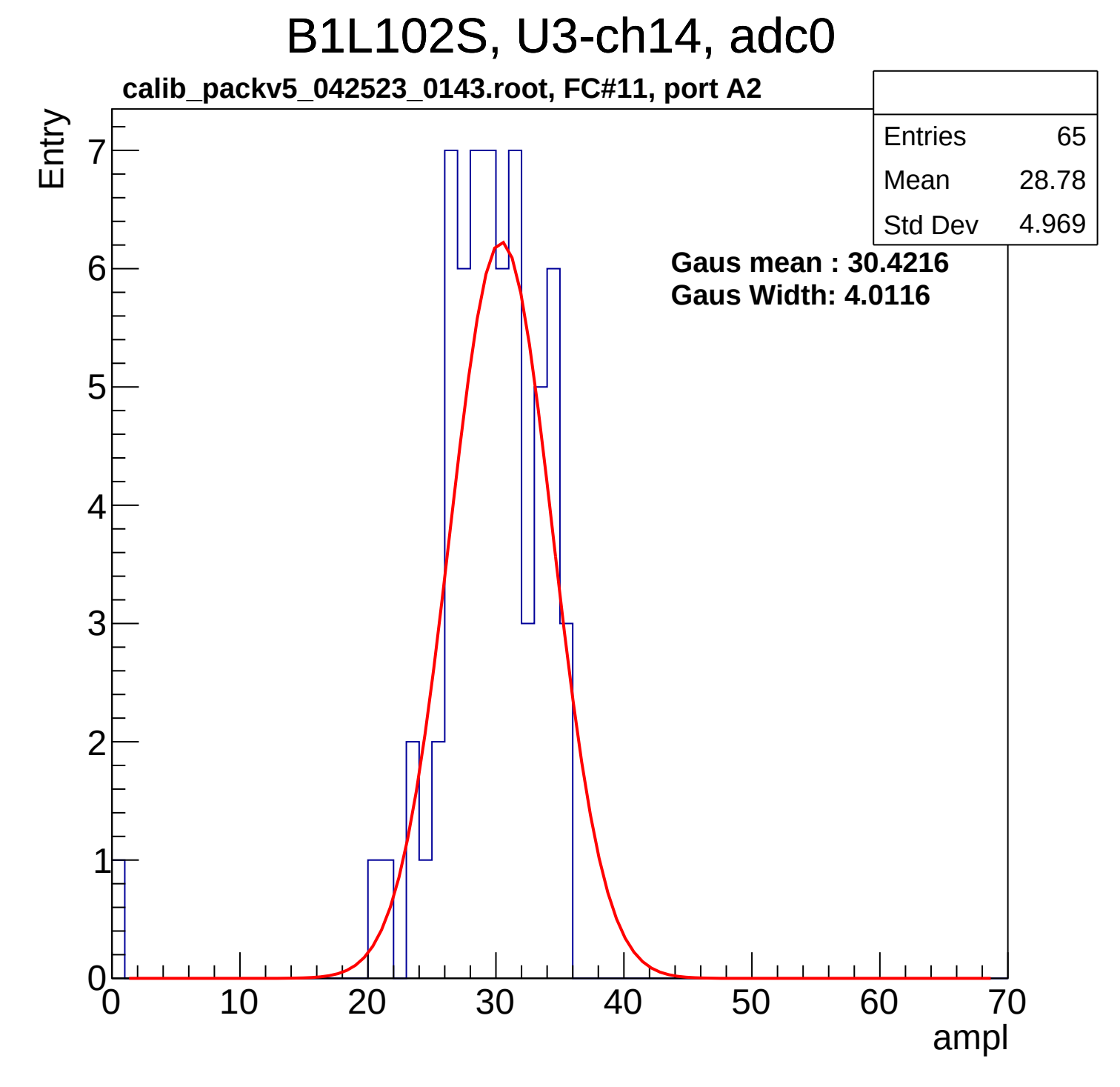
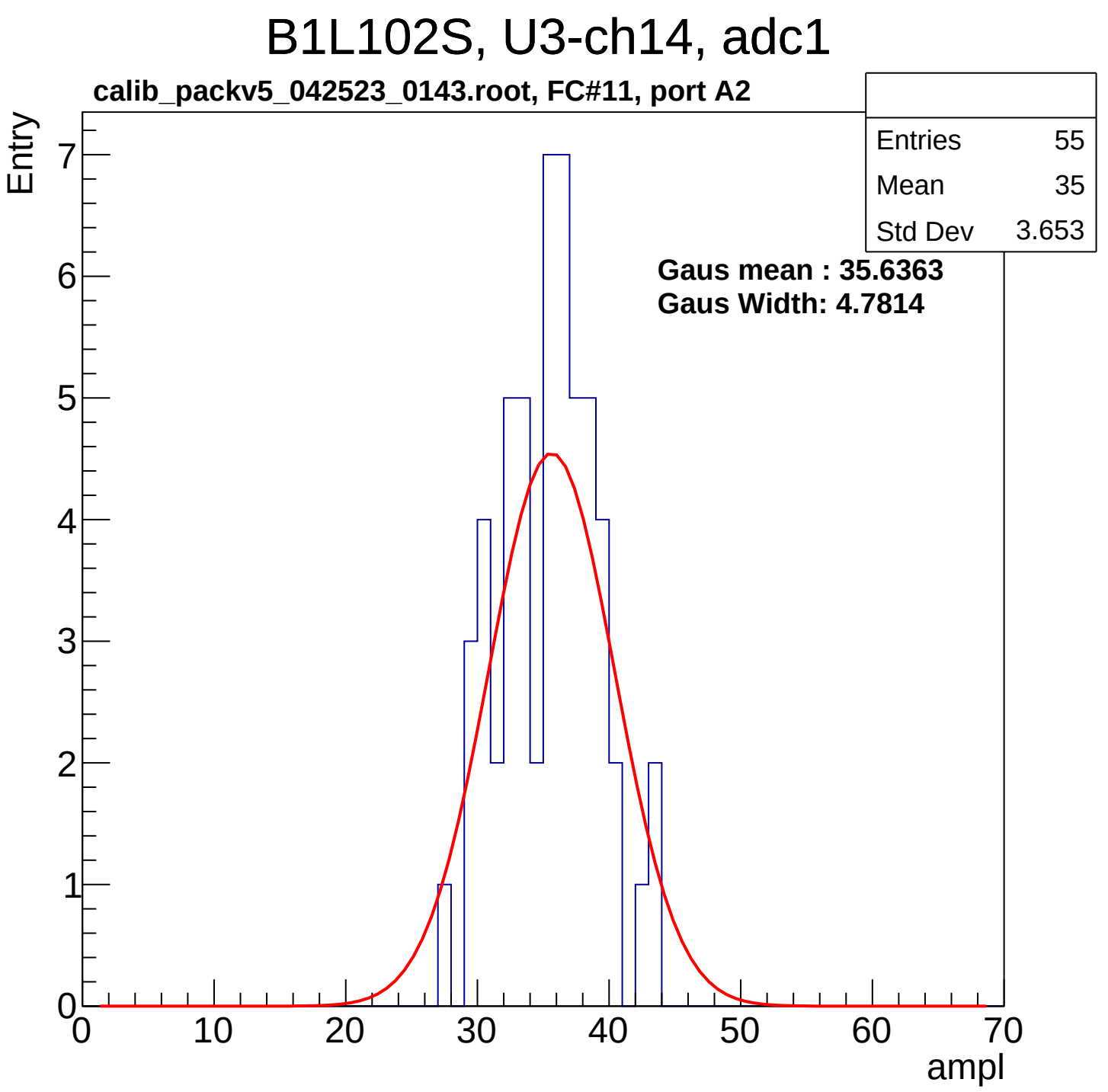
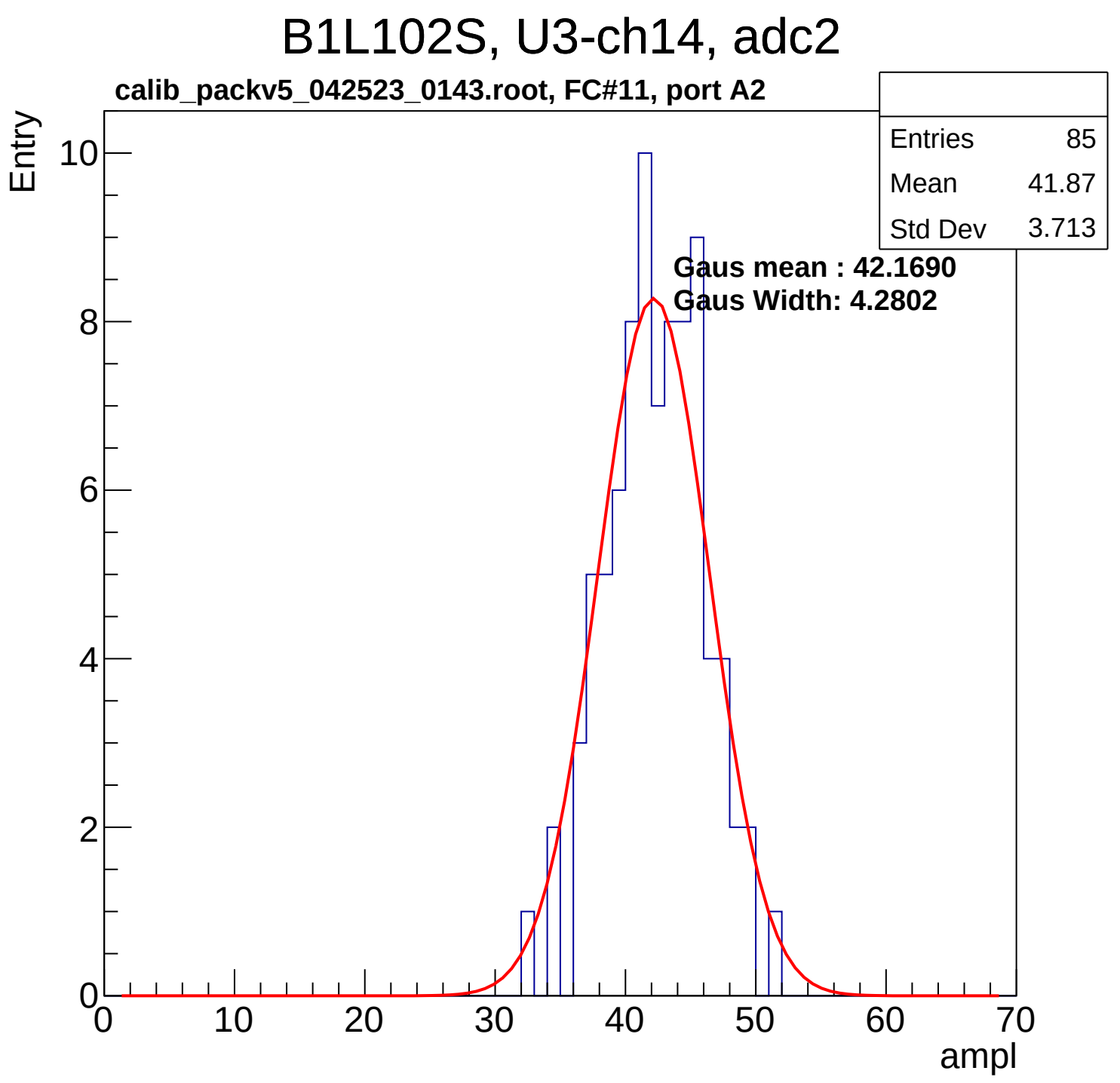
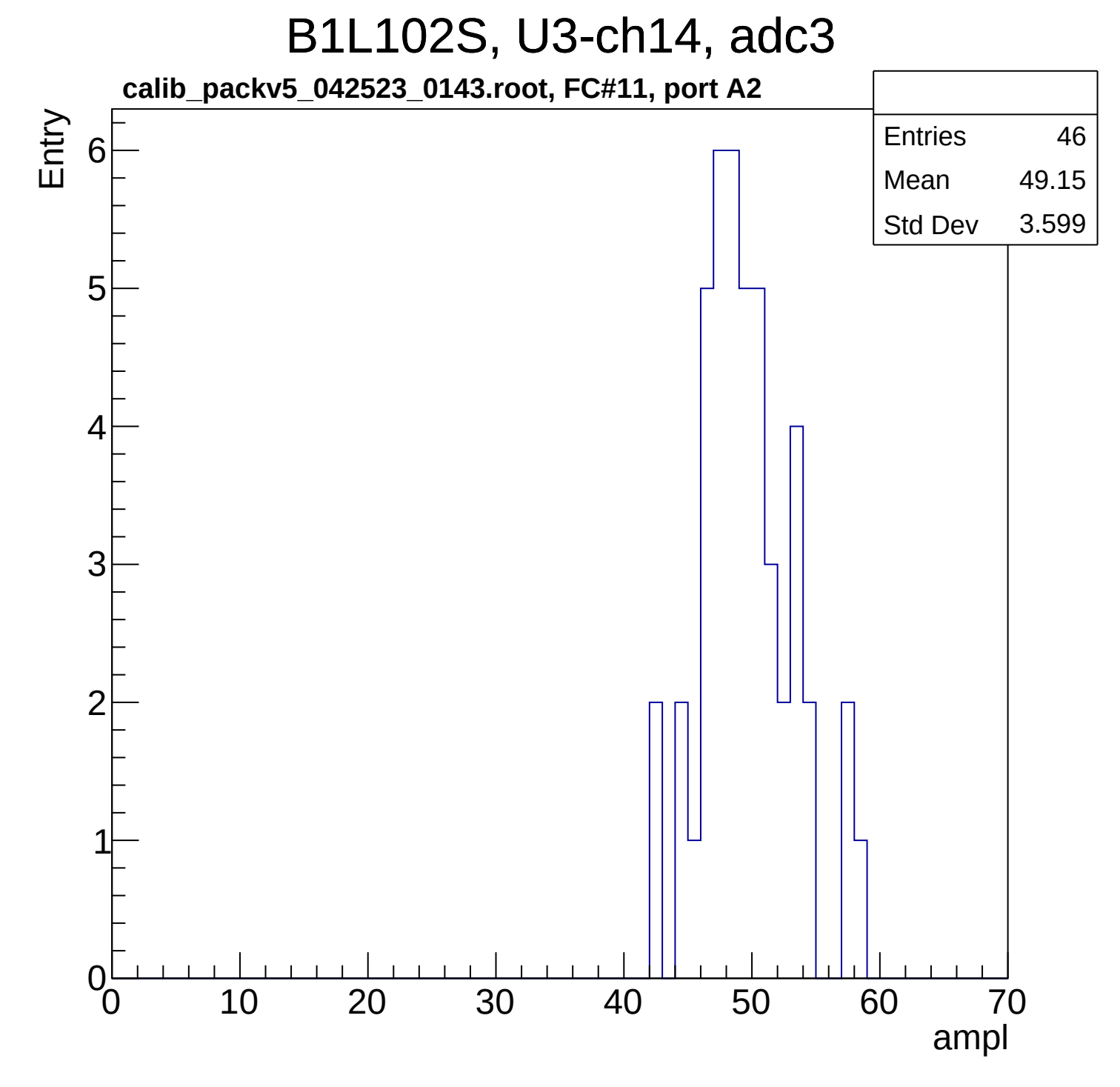
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch13, 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, U3-ch14, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 28.78
Std Dev 4.969
Gaus mean : 30.4216
Gaus Width: 4.0116
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch14, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 35
Std Dev 3.653
Gaus mean : 35.6363
Gaus Width: 4.7814
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch14, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 85
Mean 41.87
Std Dev 3.713
Gaus mean : 42.1690
Gaus Width: 4.2802
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch14, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 49.15
Std Dev 3.599
Entry
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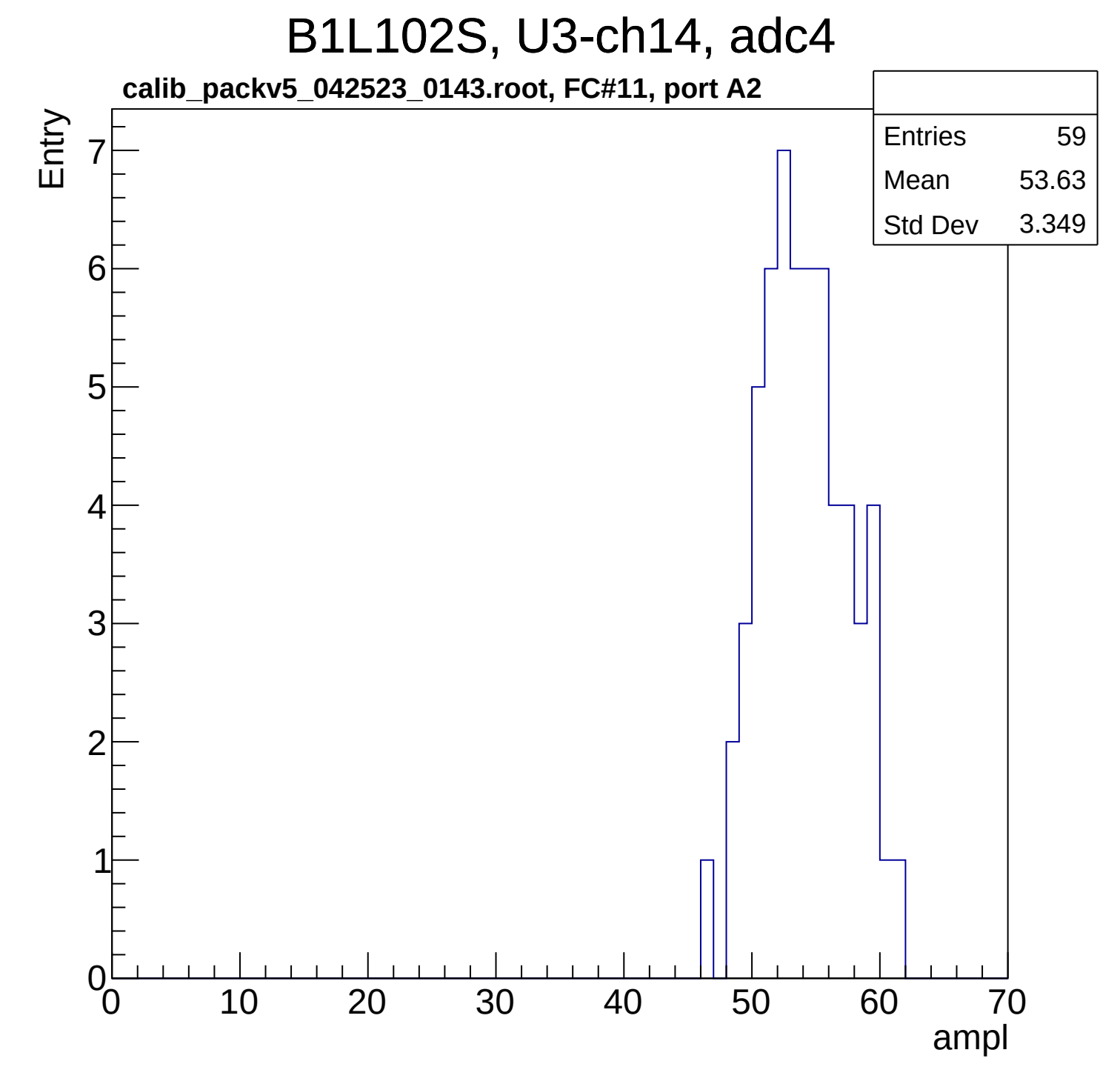
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch14, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 53.63
Std Dev 3.349
Entry
ampl
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2
3
4
5
6
7
0
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20
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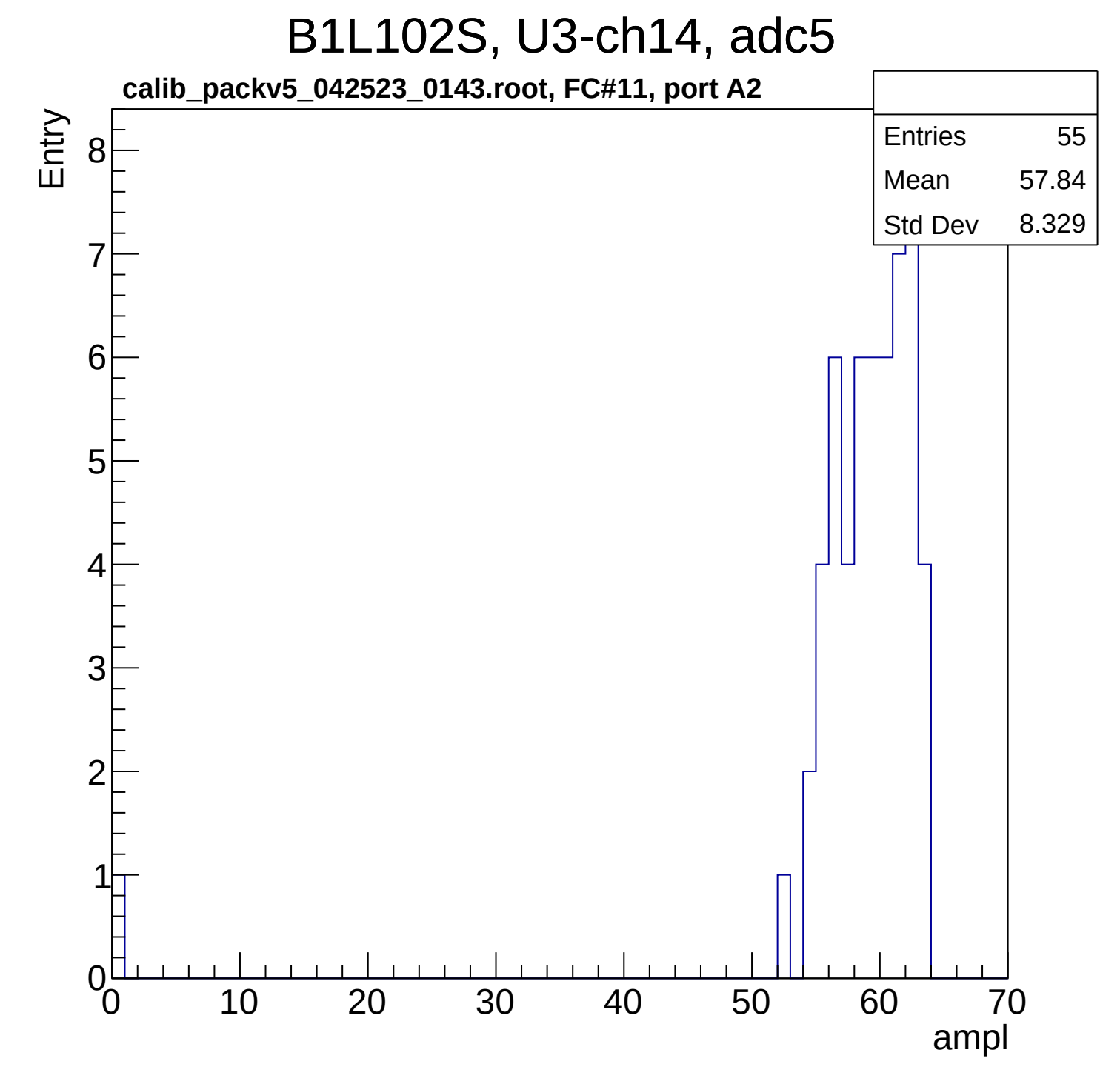
40
50
60
70


B1L102S, U3-ch14, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 57.84
Std Dev 8.329
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
50
60
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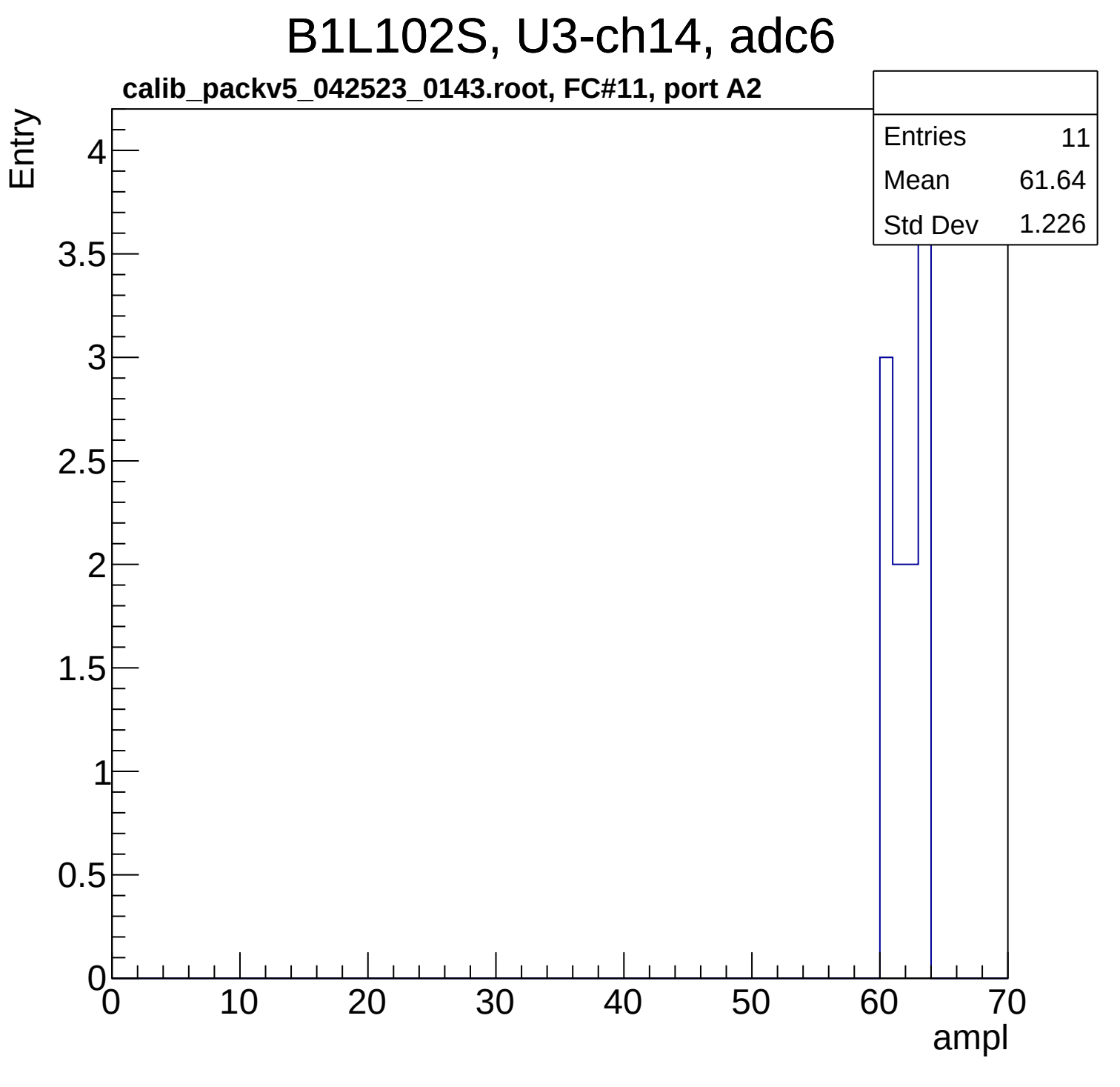
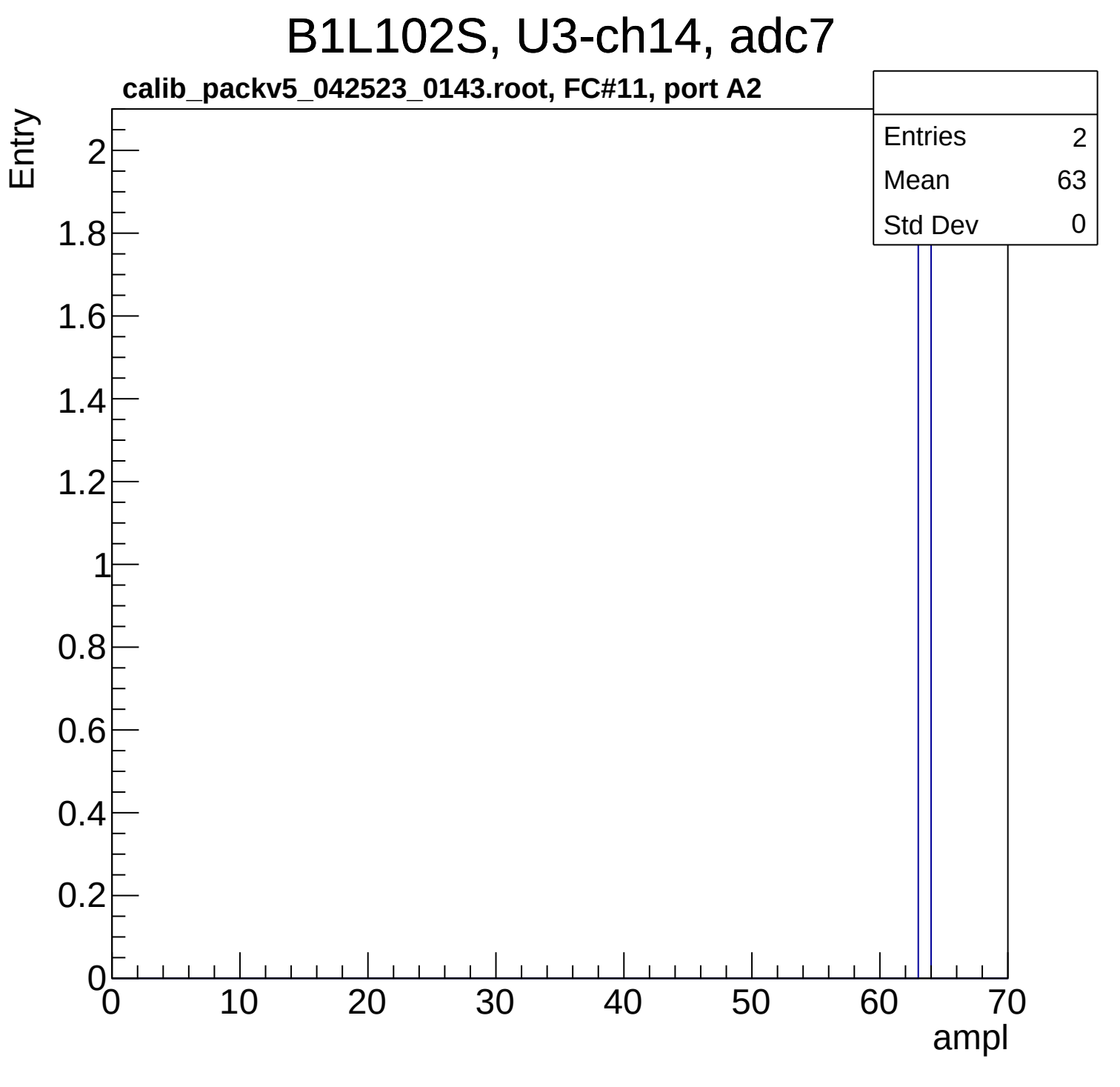

B1L102S, U3-ch14, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 61.64
Std Dev 1.226
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch14, adc7
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
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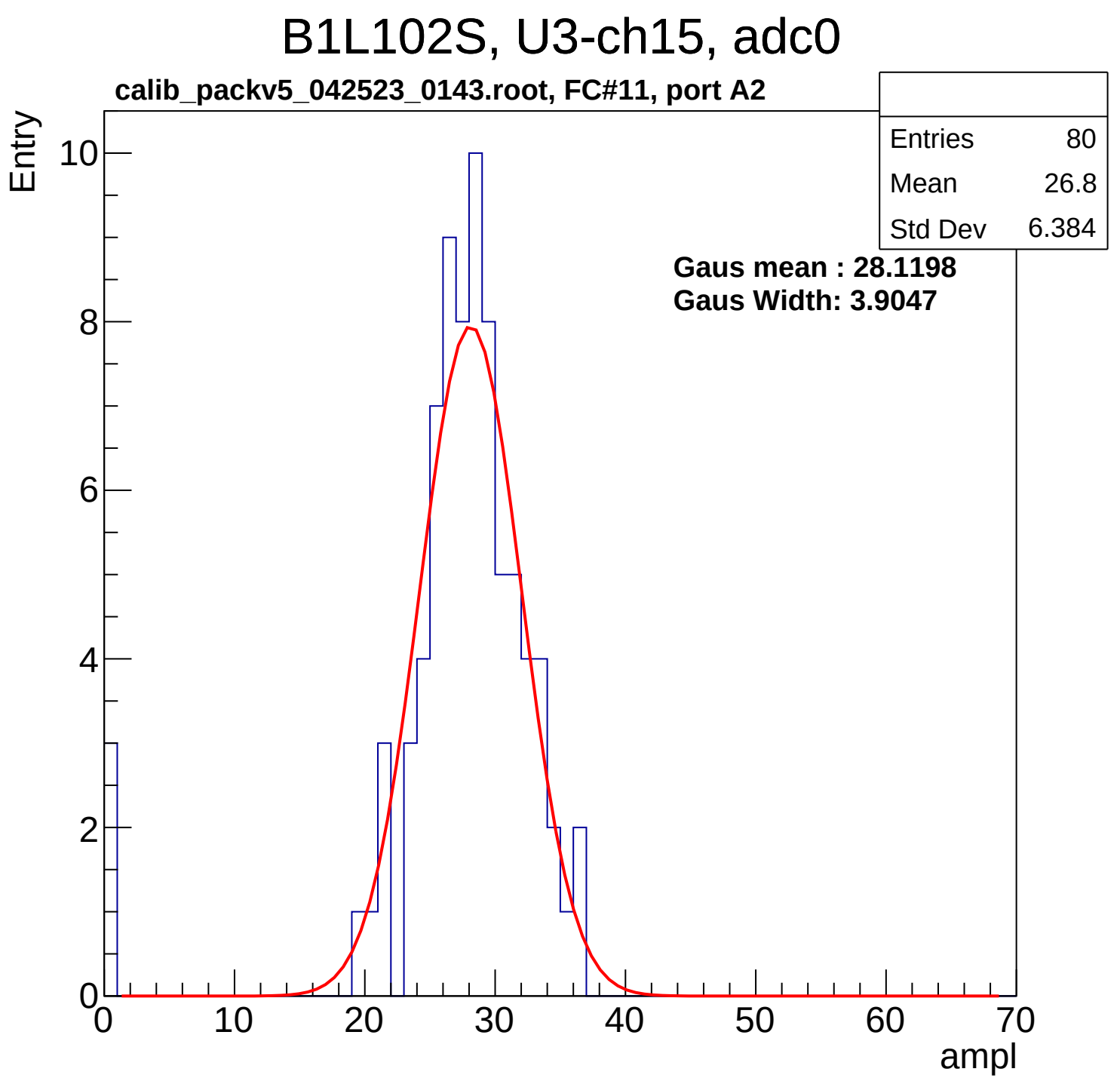
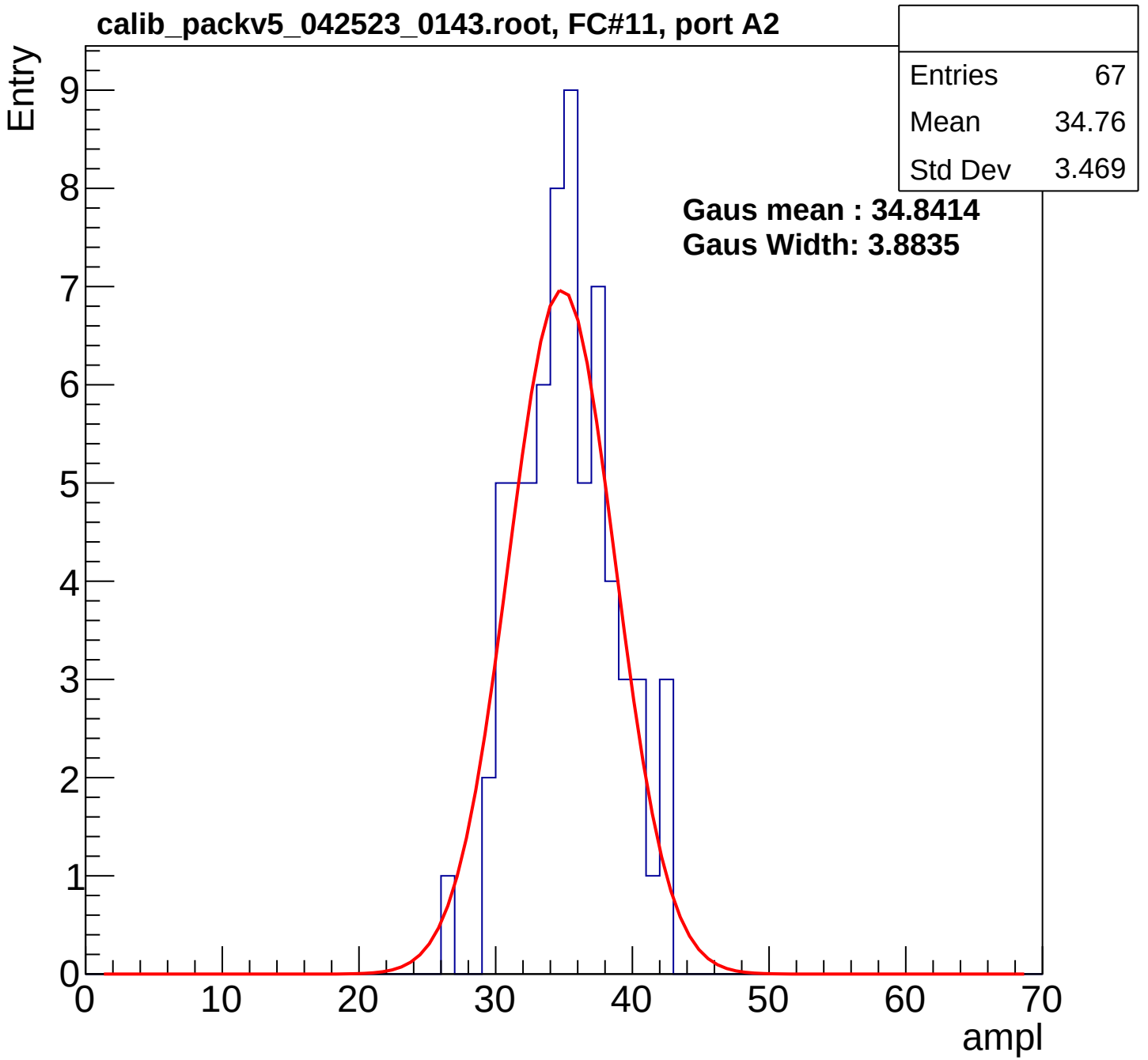
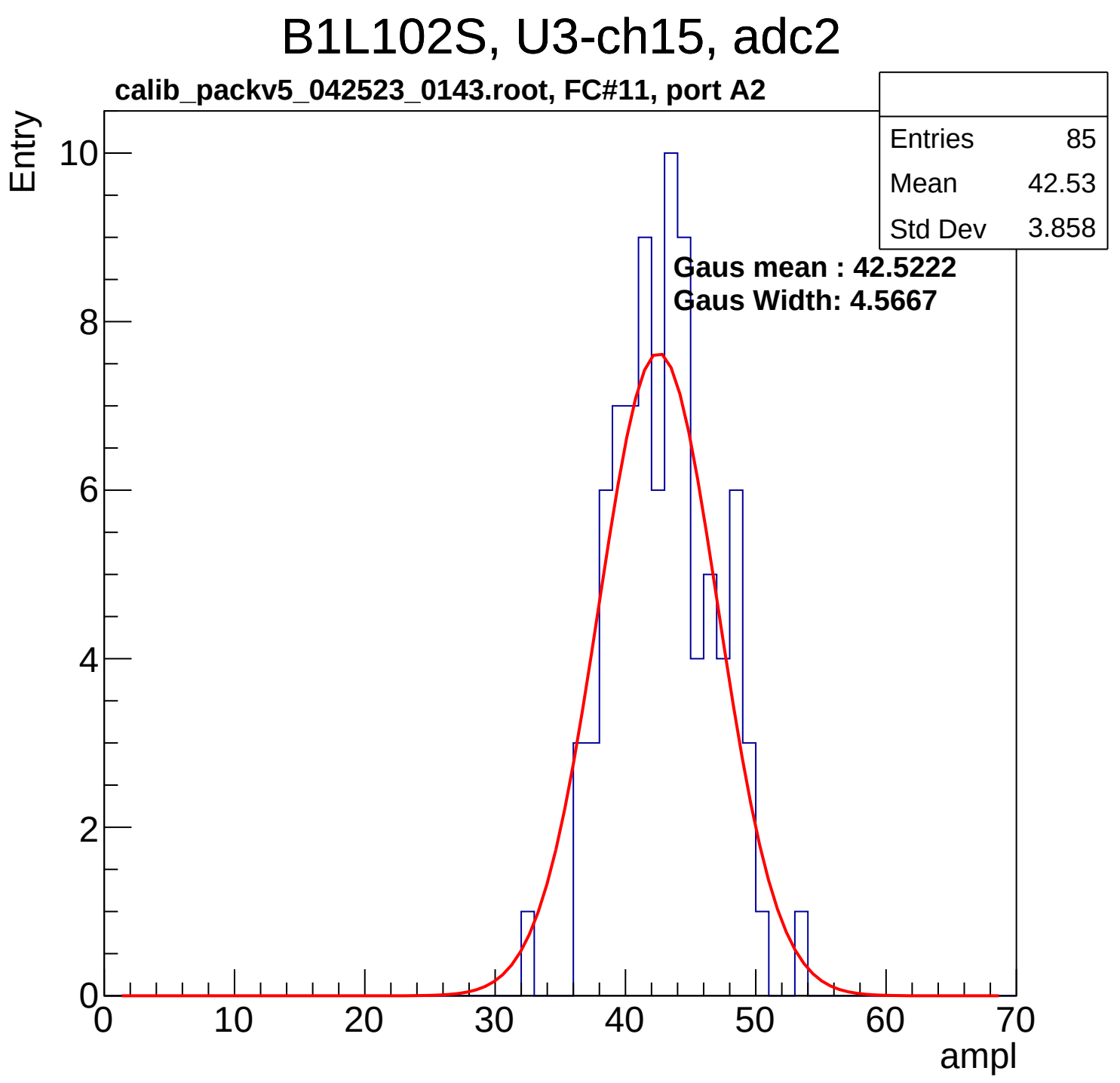
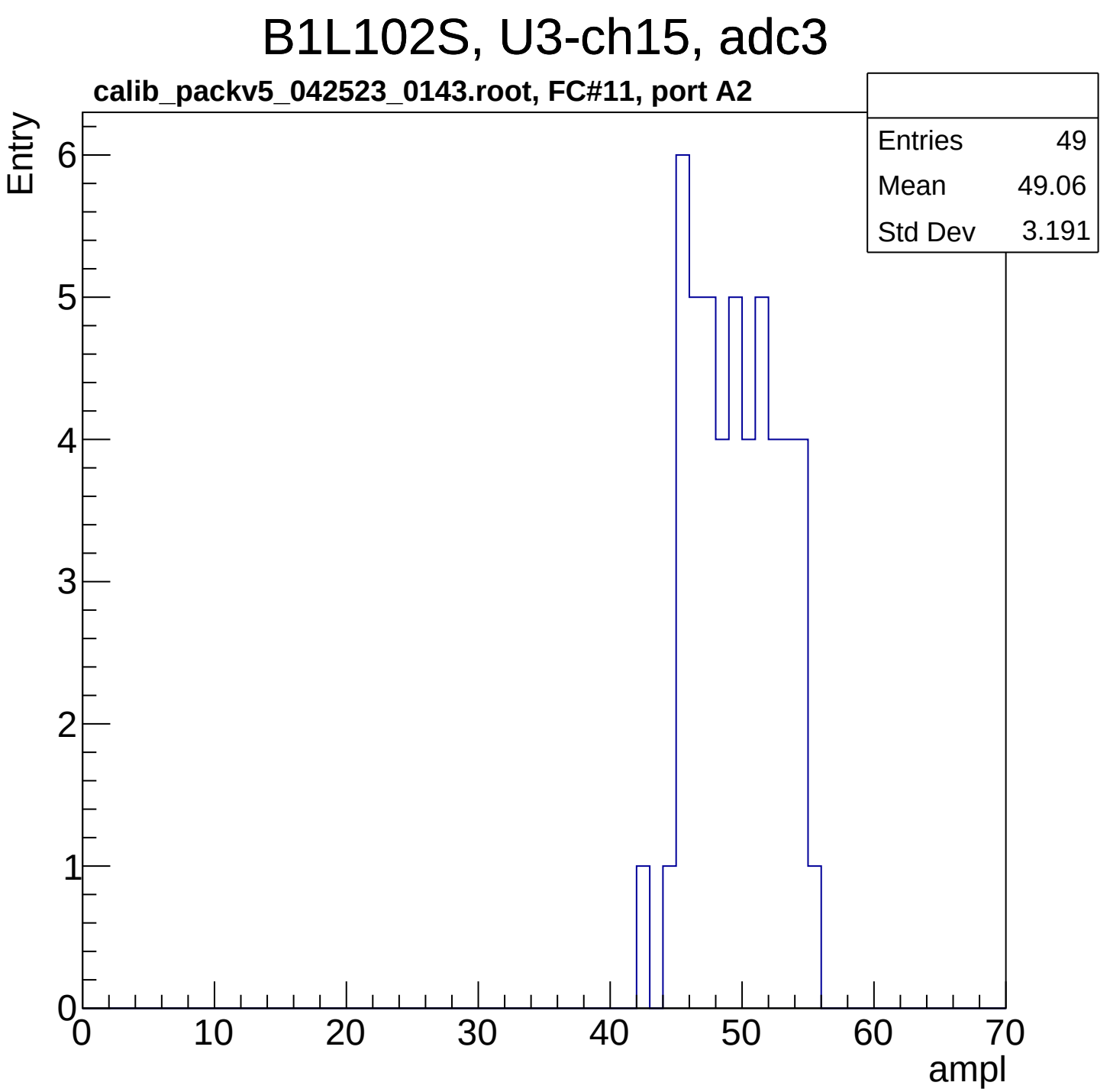

B1L102S, U3-ch15, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 26.8
Std Dev 6.384
Gaus mean : 28.1198
Gaus Width: 3.9047
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch15, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 34.76
Std Dev 3.469
Gaus mean : 34.8414
Gaus Width: 3.8835
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch15, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 85
Mean 42.53
Std Dev 3.858
Gaus mean : 42.5222
Gaus Width: 4.5667
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch15, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 49.06
Std Dev 3.191
Entry
0
1
2
3
4
5
6
0
10
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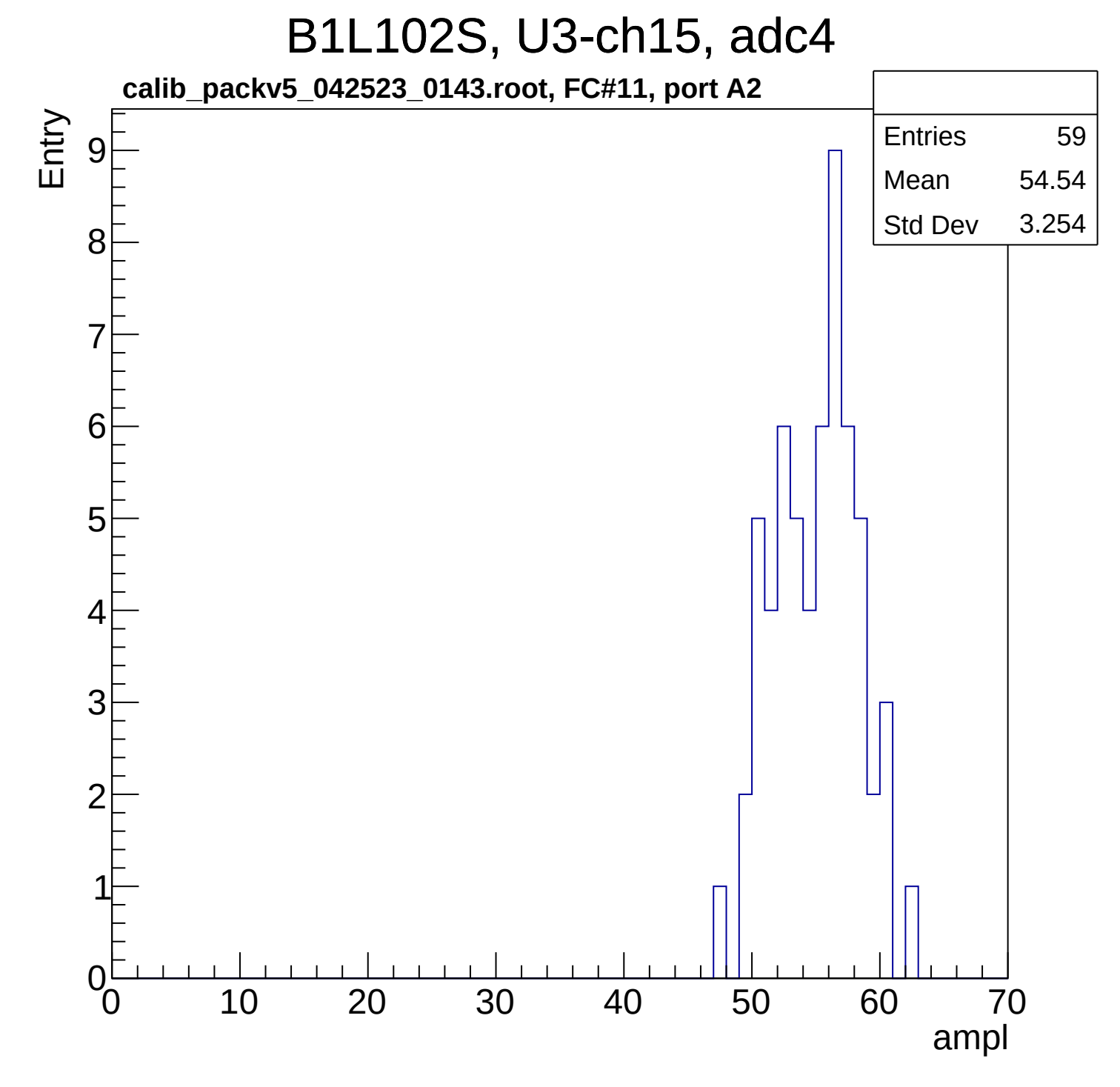
50
60
70
ampl


B1L102S, U3-ch15, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 54.54
Std Dev 3.254
Entry
ampl
0
1
2
3
4
5
6
7
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0
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60
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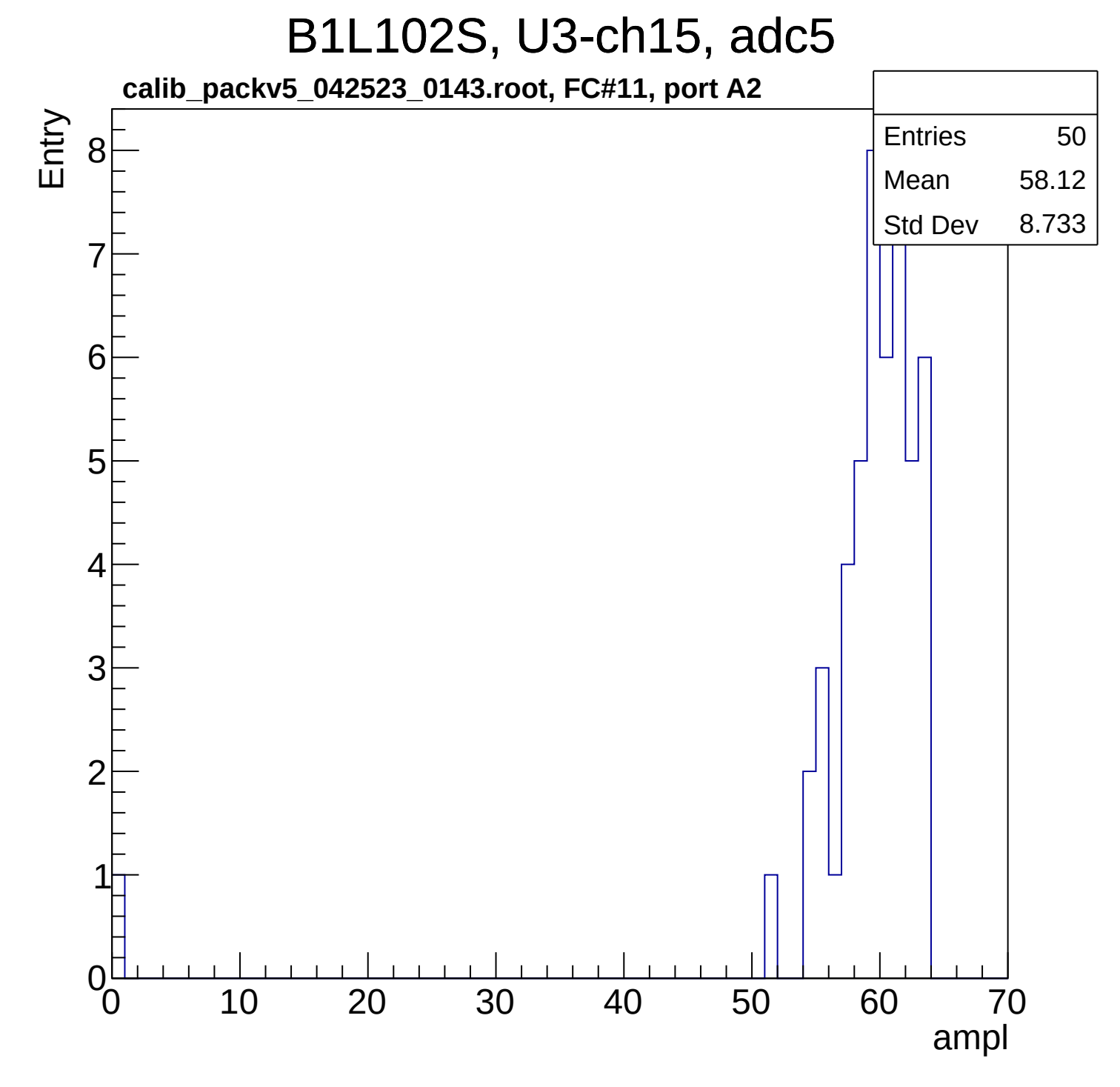
B1L102S, U3-ch15, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 58.12
Std Dev 8.733
Entry
ampl
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4
5
6
7
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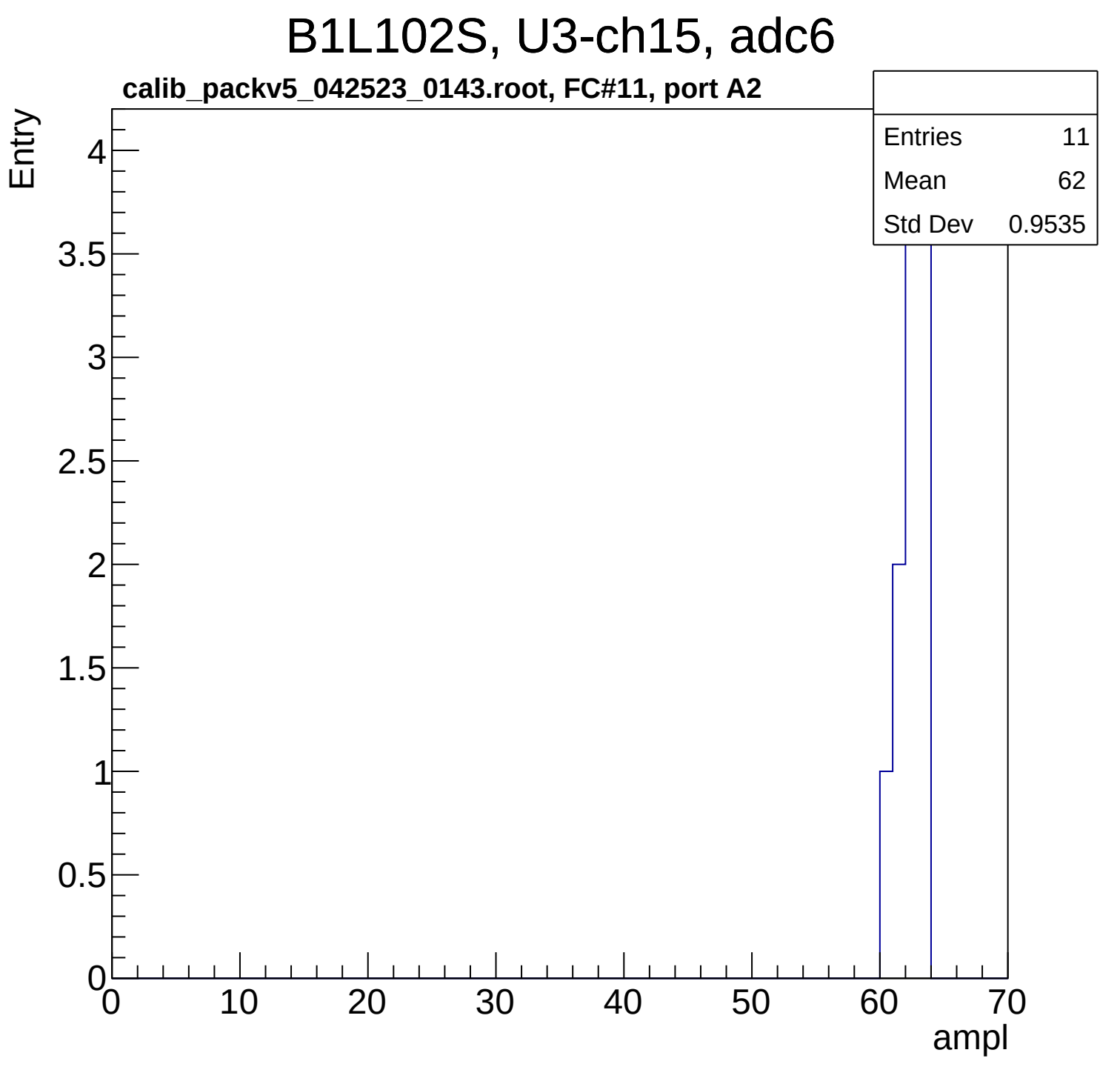
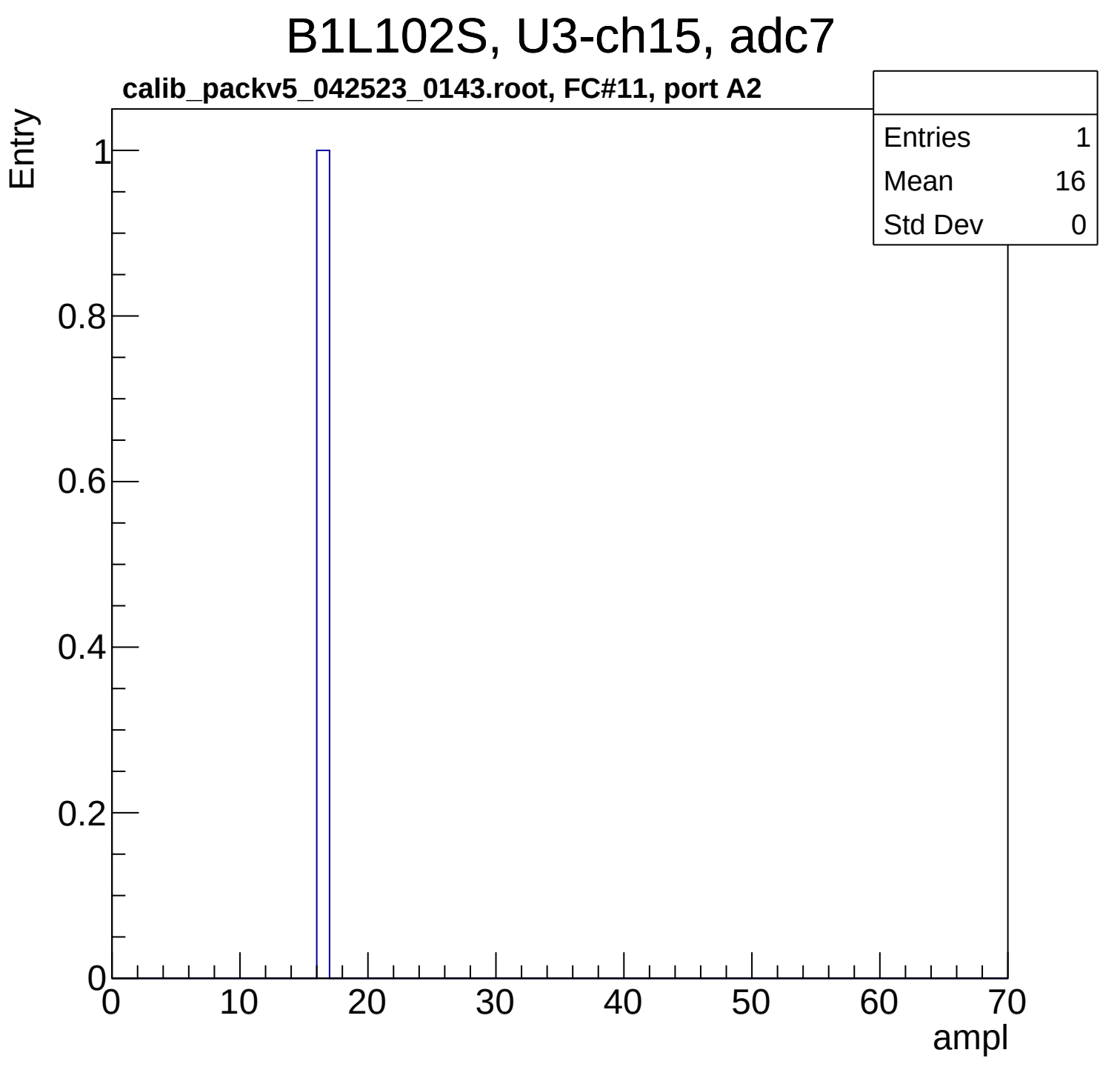
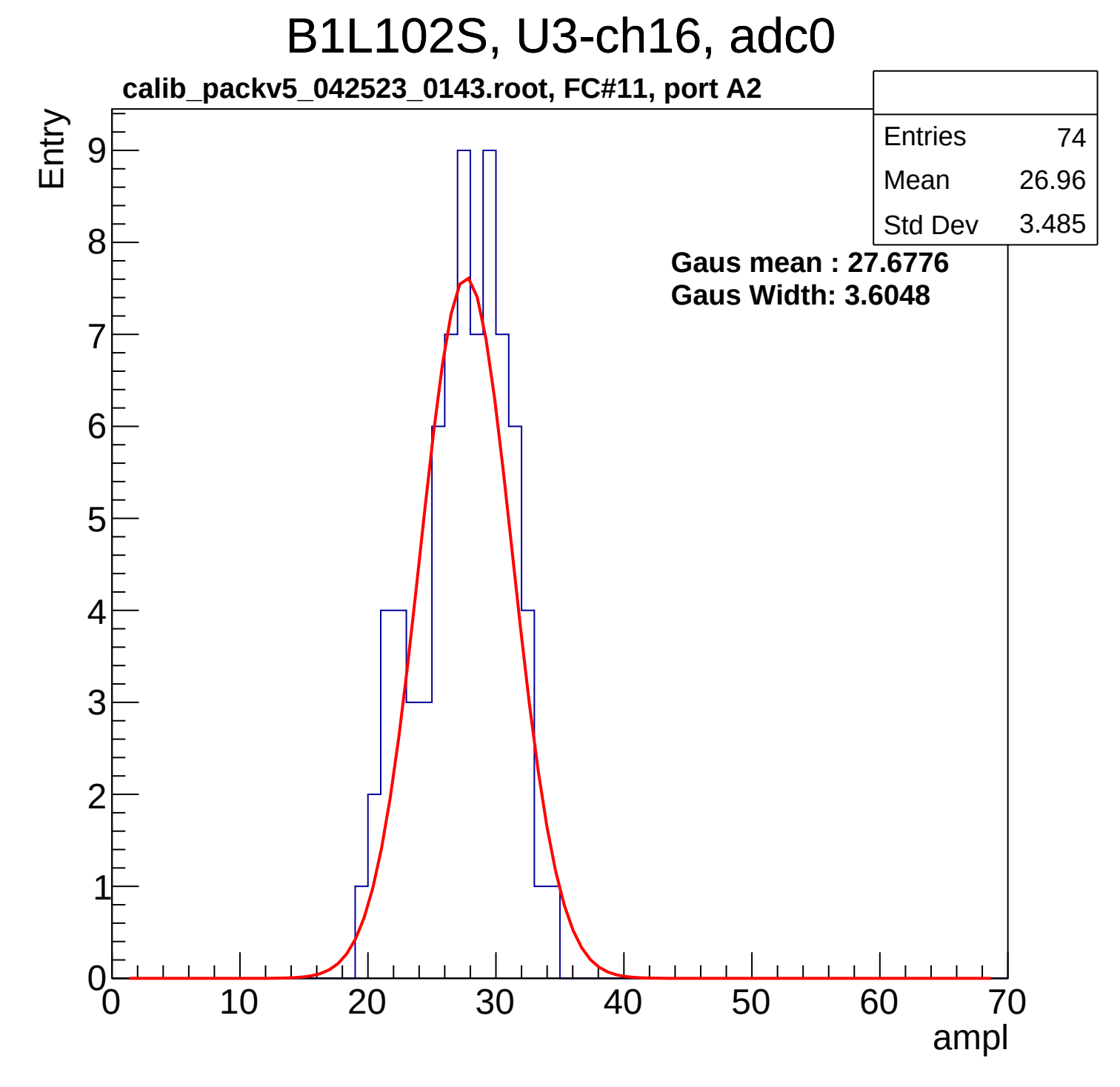

B1L102S, U3-ch15, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 62
Std Dev 0.9535
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch15, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 16
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch16, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 26.96
Std Dev 3.485
Gaus mean : 27.6776
Gaus Width: 3.6048
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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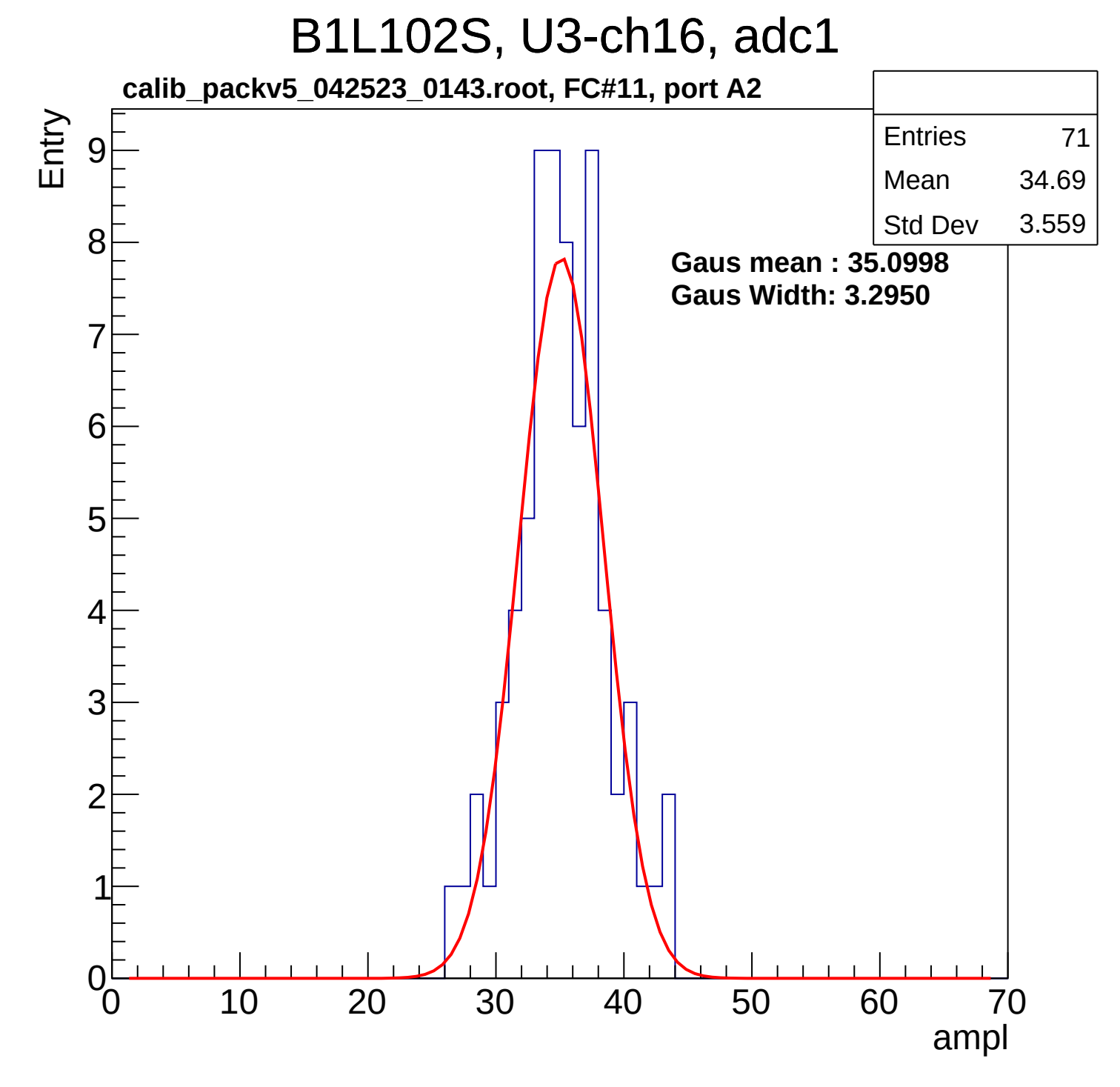
B1L102S, U3-ch16, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 34.69
Std Dev 3.559
Gaus mean : 35.0998
Gaus Width: 3.2950
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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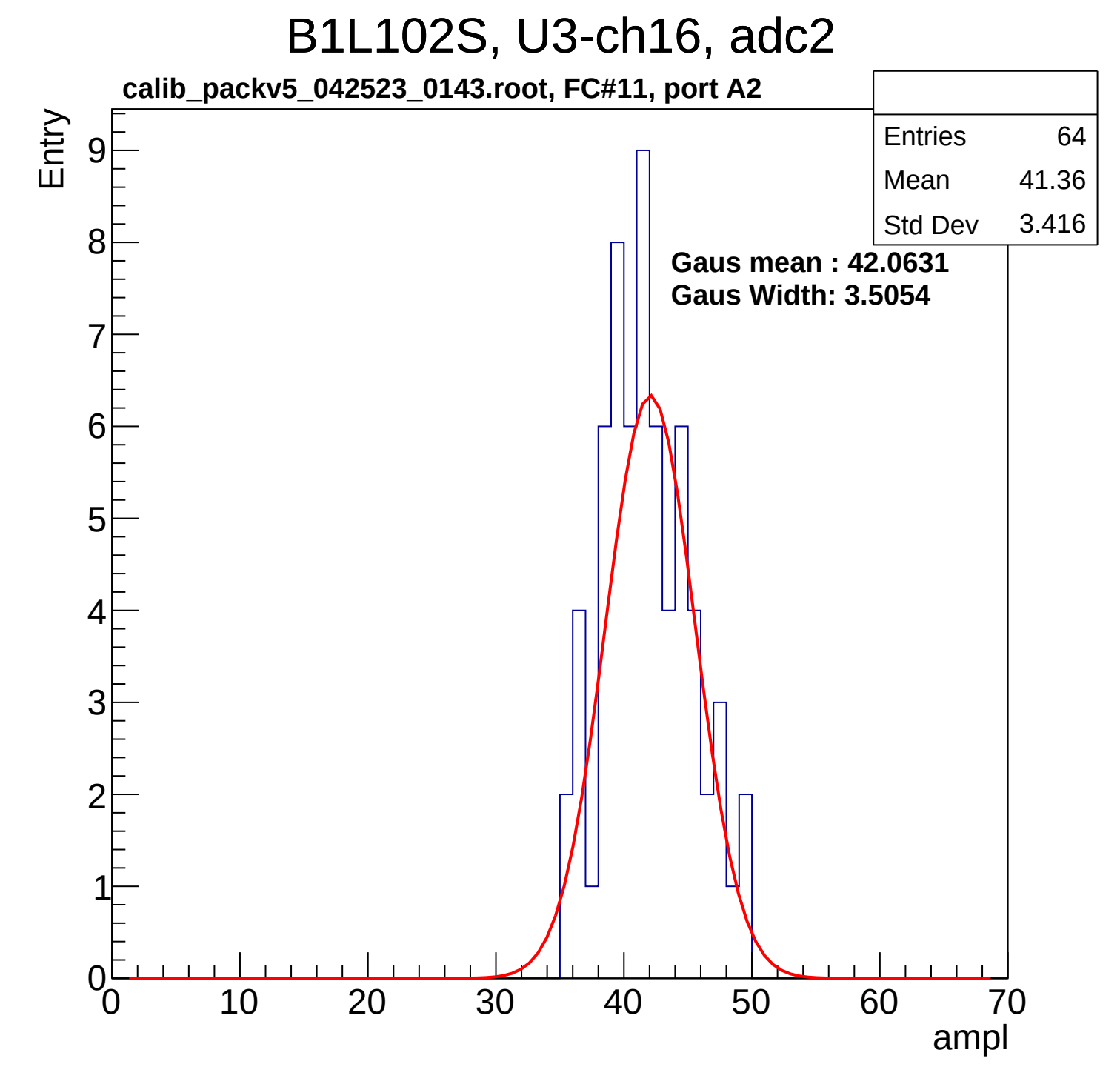
B1L102S, U3-ch16, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 41.36
Std Dev 3.416
Gaus mean : 42.0631
Gaus Width: 3.5054
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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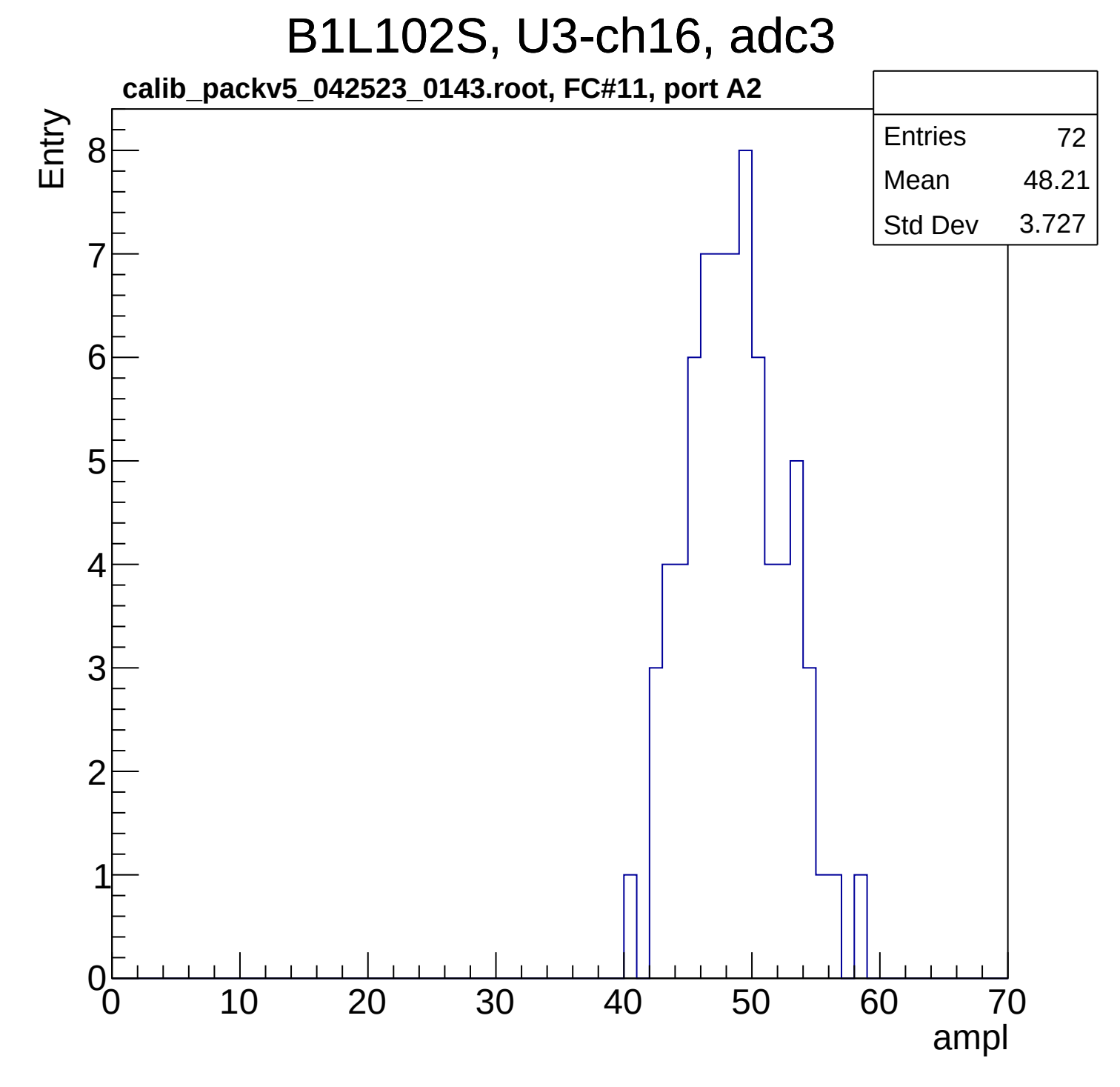
B1L102S, U3-ch16, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 48.21
Std Dev 3.727
Entry
ampl
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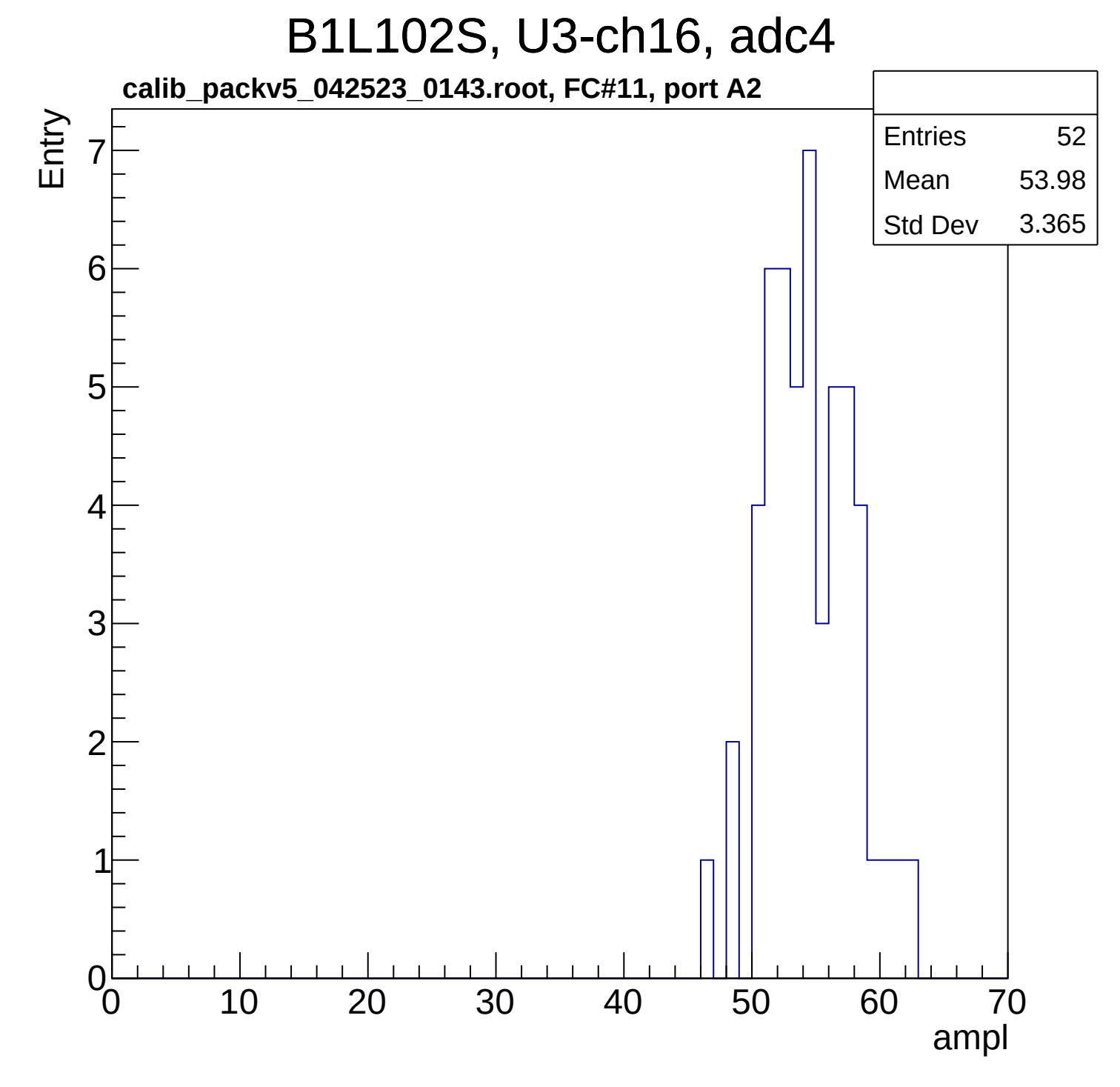
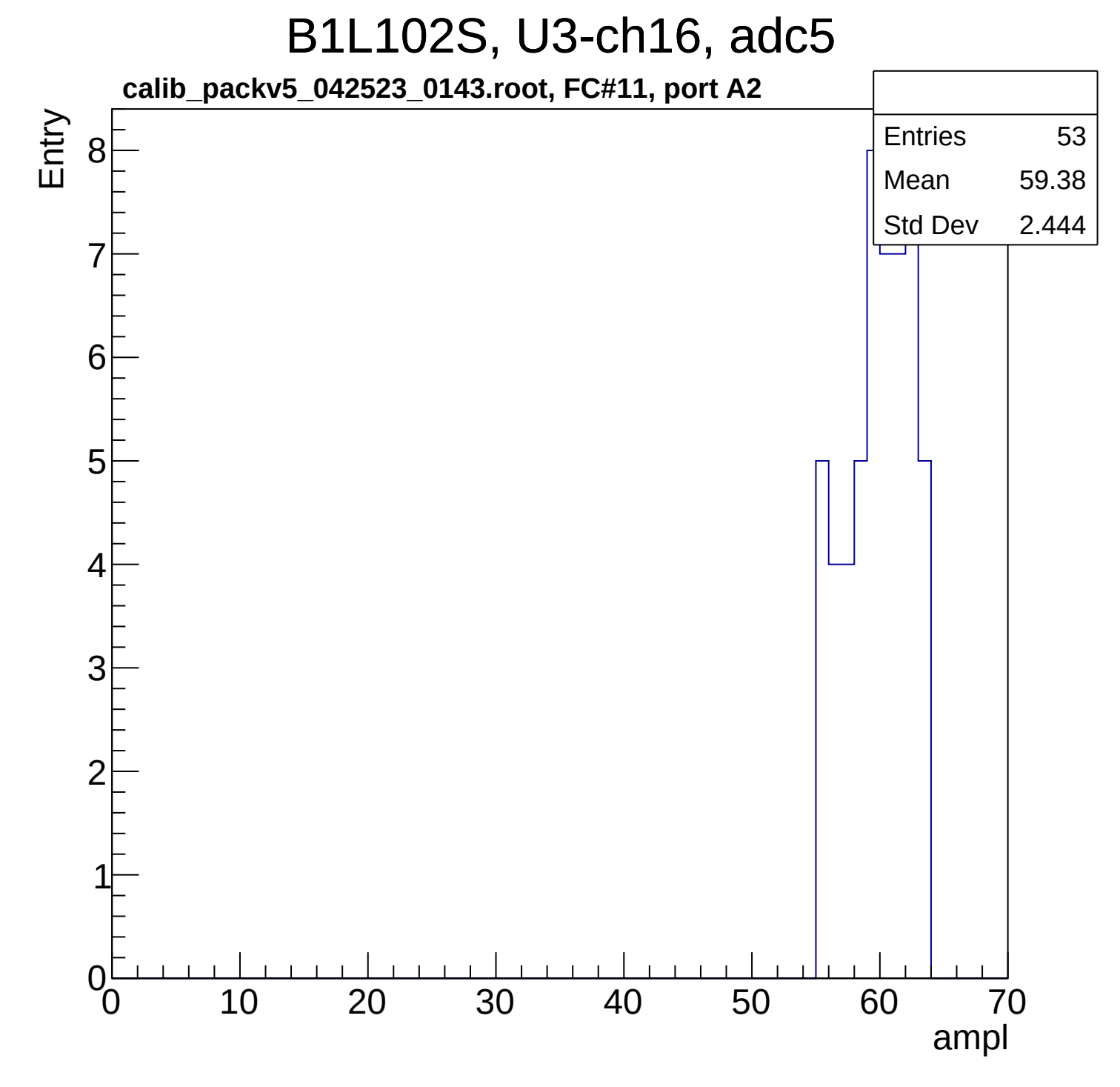
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch16, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 53.98
Std Dev 3.365
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch16, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 59.38
Std Dev 2.444
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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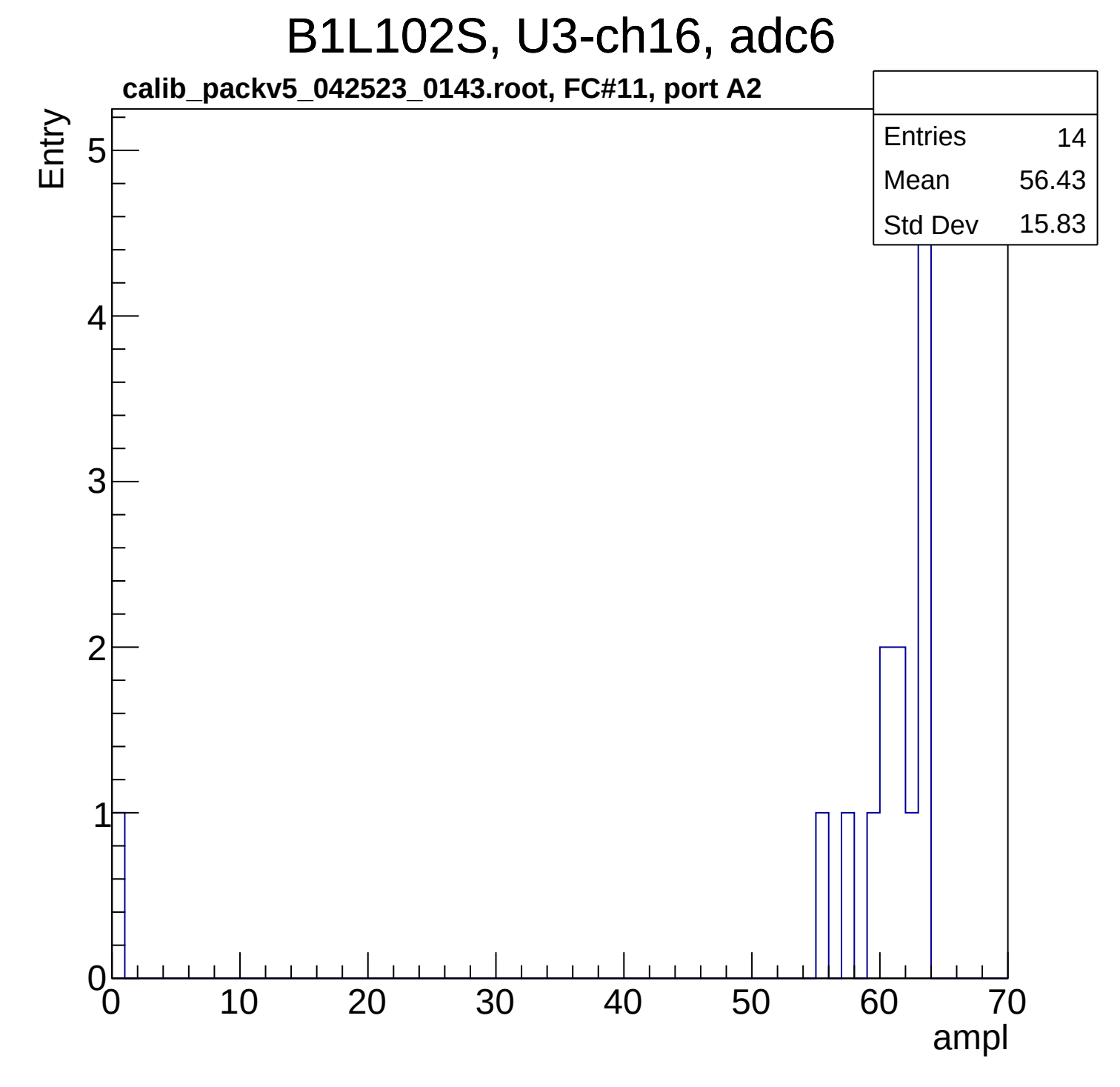
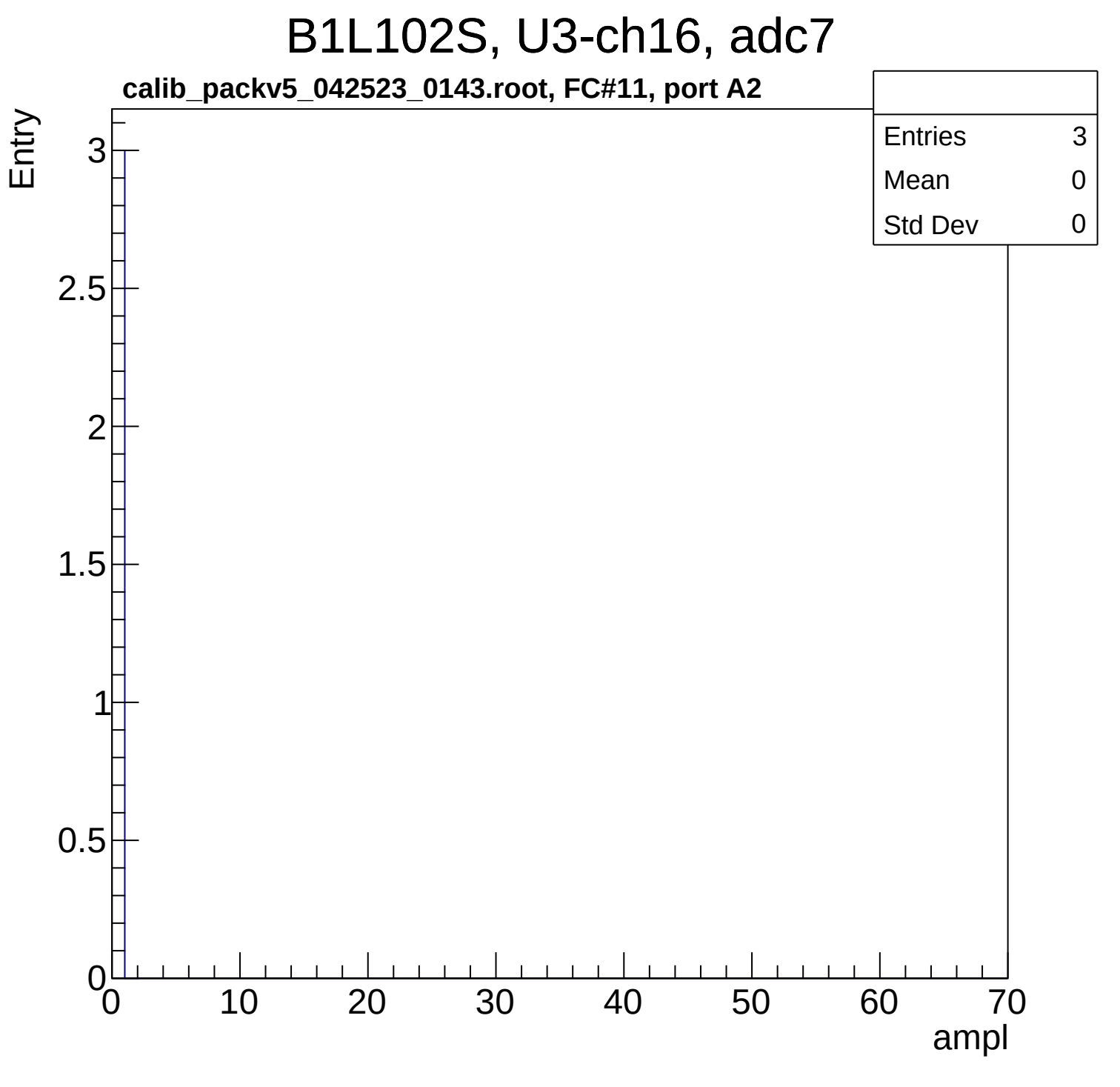
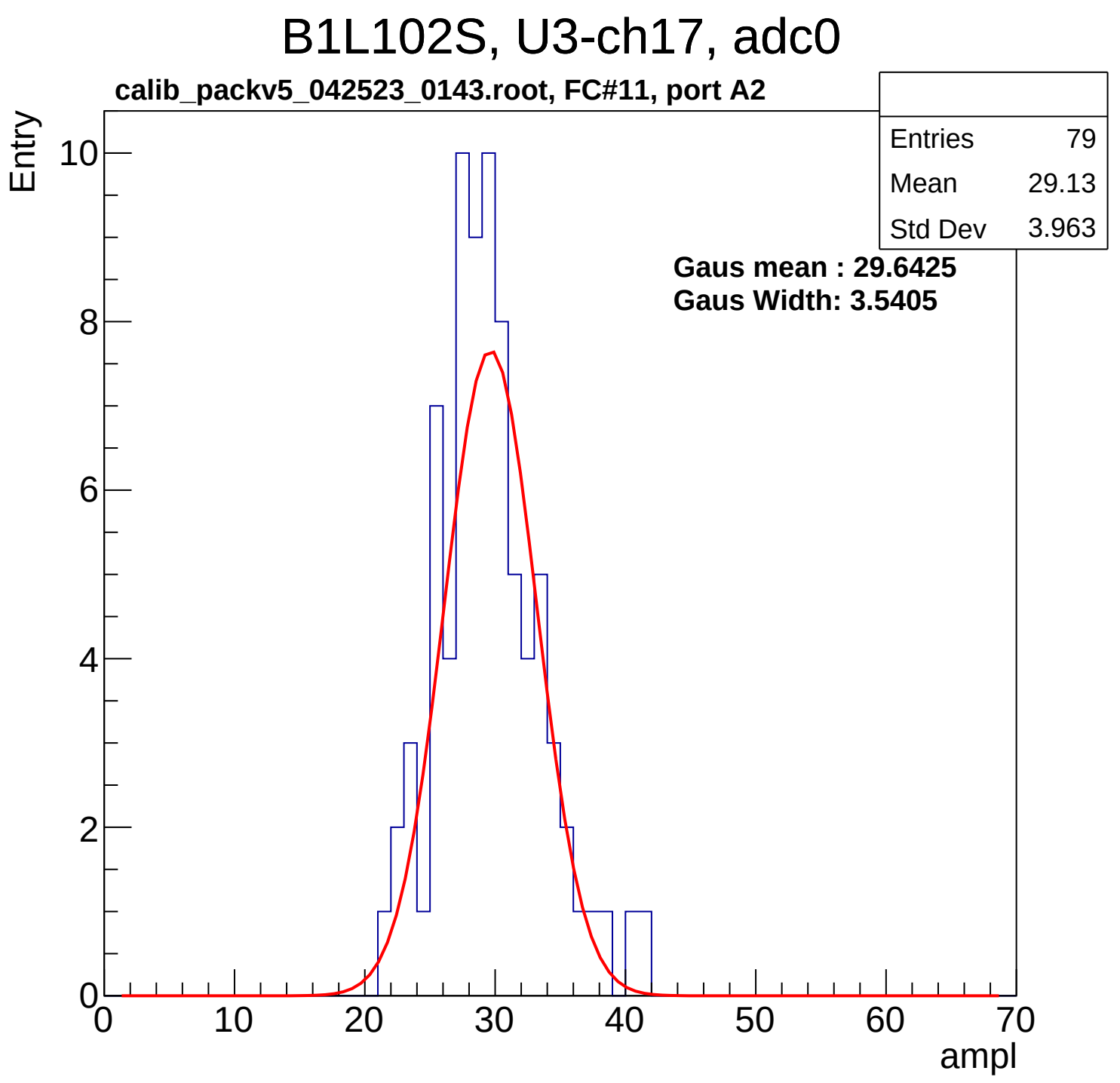
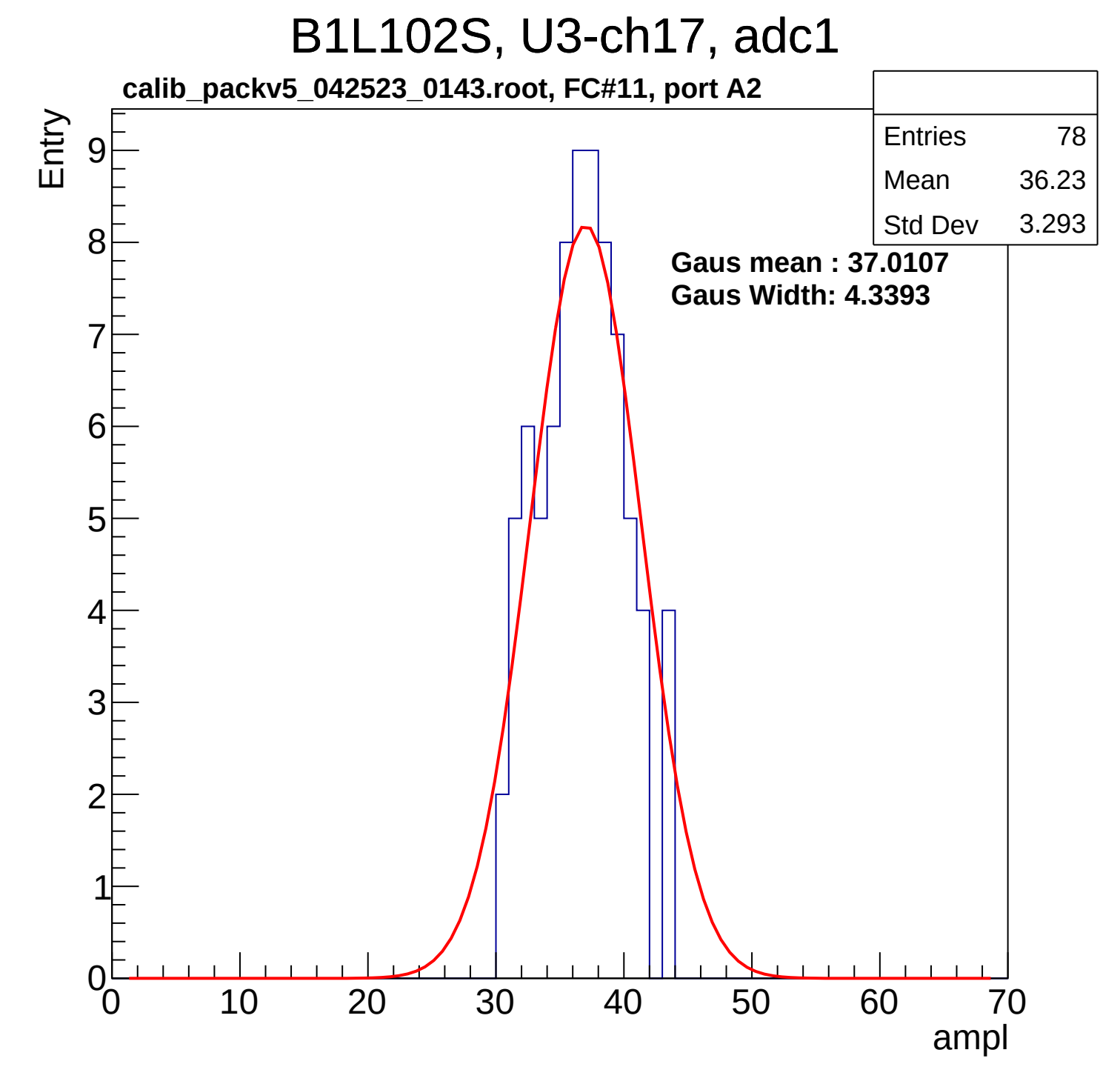

B1L102S, U3-ch16, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 56.43
Std Dev 15.83
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U3-ch16, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch17, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 29.13
Std Dev 3.963
Gaus mean : 29.6425
Gaus Width: 3.5405
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch17, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 36.23
Std Dev 3.293
Gaus mean : 37.0107
Gaus Width: 4.3393
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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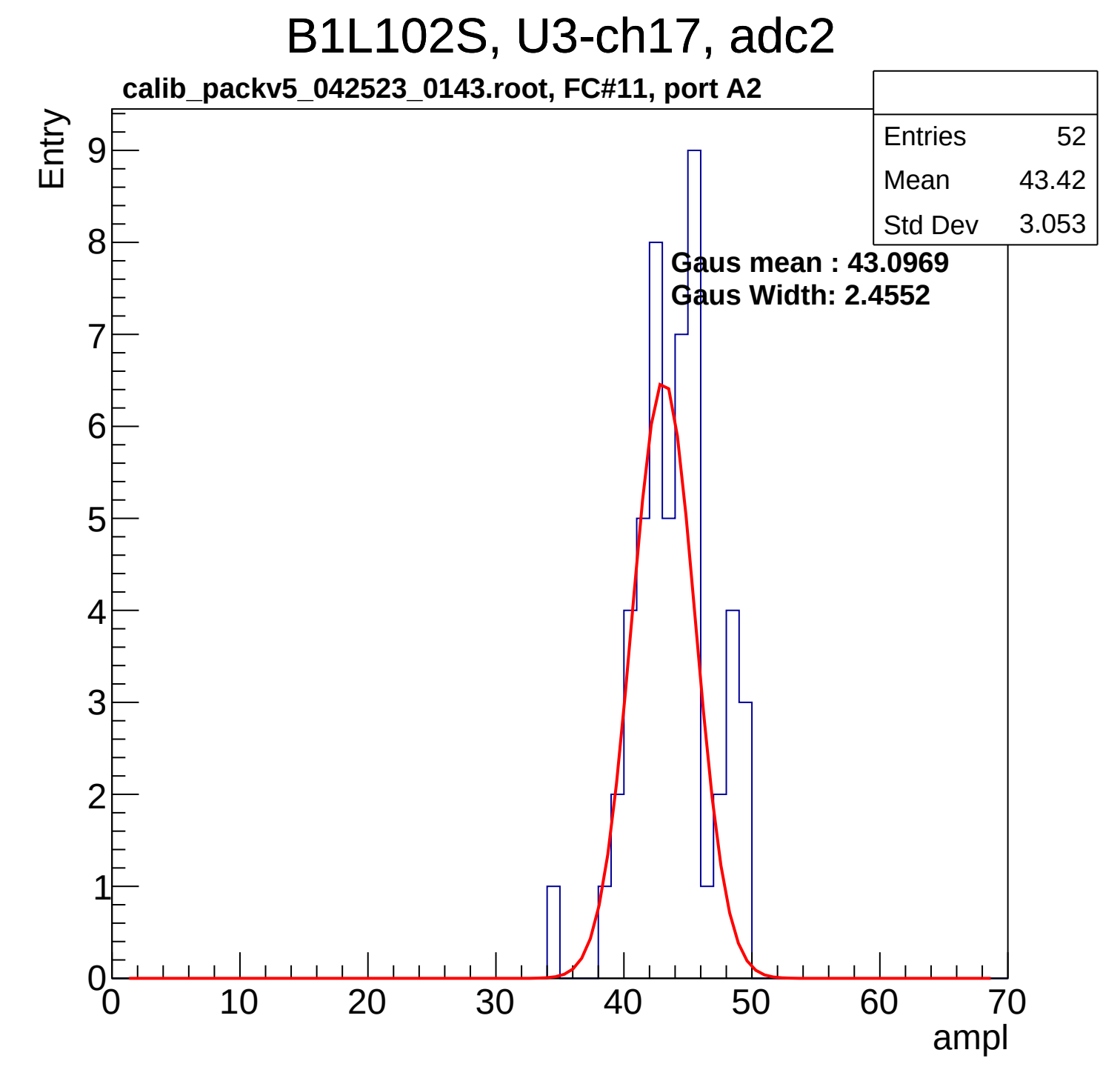
B1L102S, U3-ch17, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 43.42
Std Dev 3.053
Gaus mean : 43.0969
Gaus Width: 2.4552
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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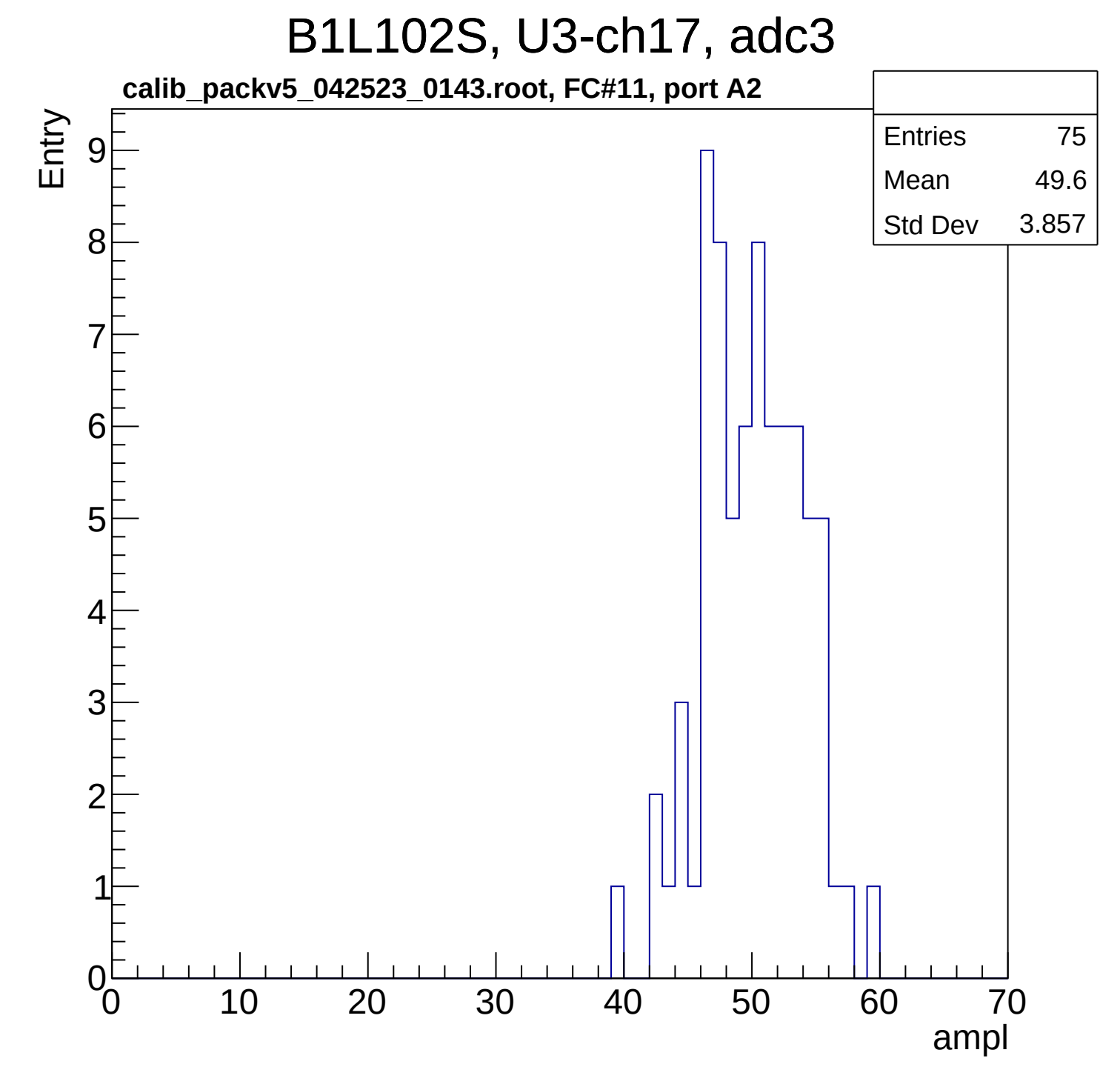
B1L102S, U3-ch17, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 49.6
Std Dev 3.857
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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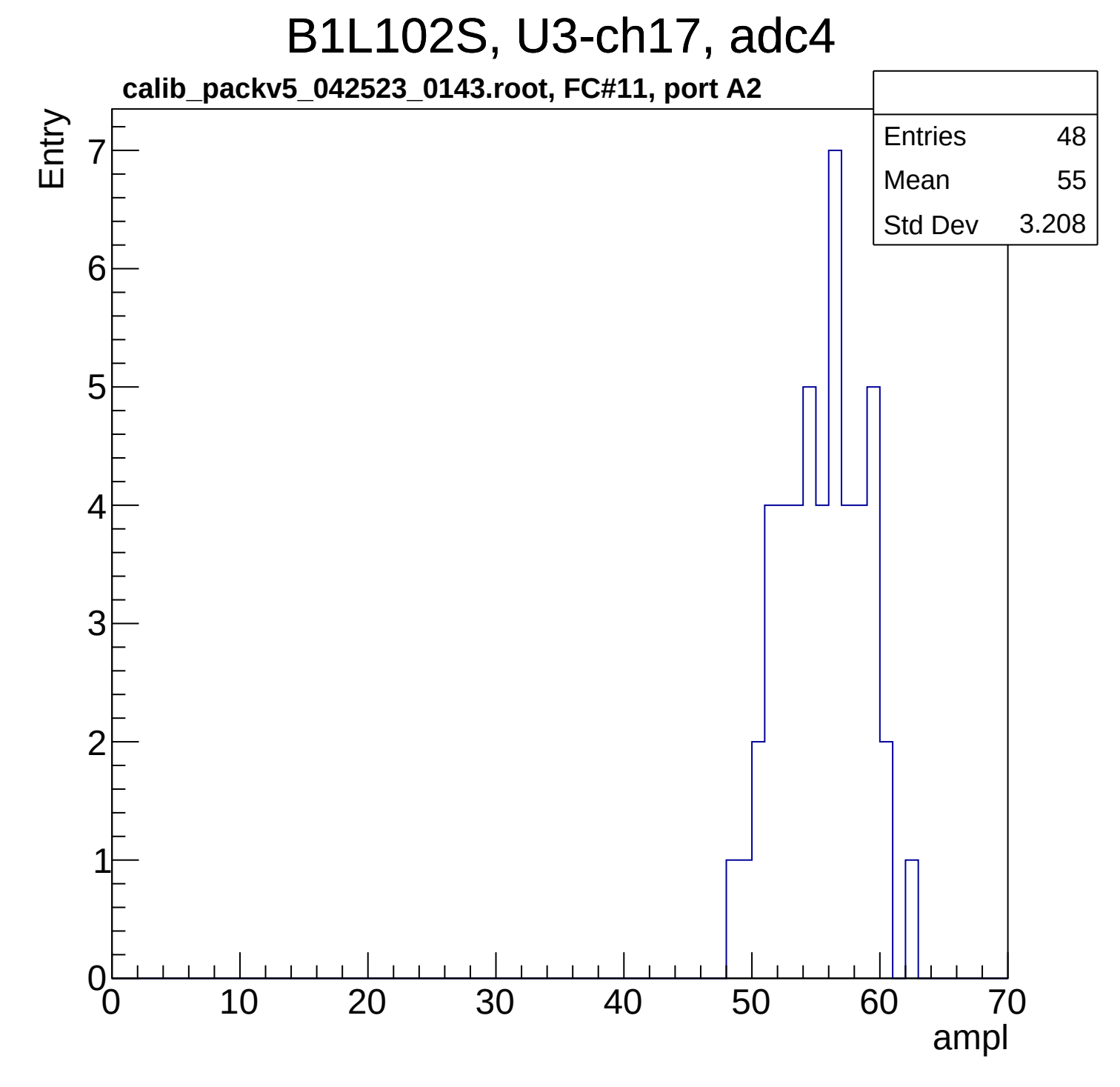
B1L102S, U3-ch17, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 55
Std Dev 3.208
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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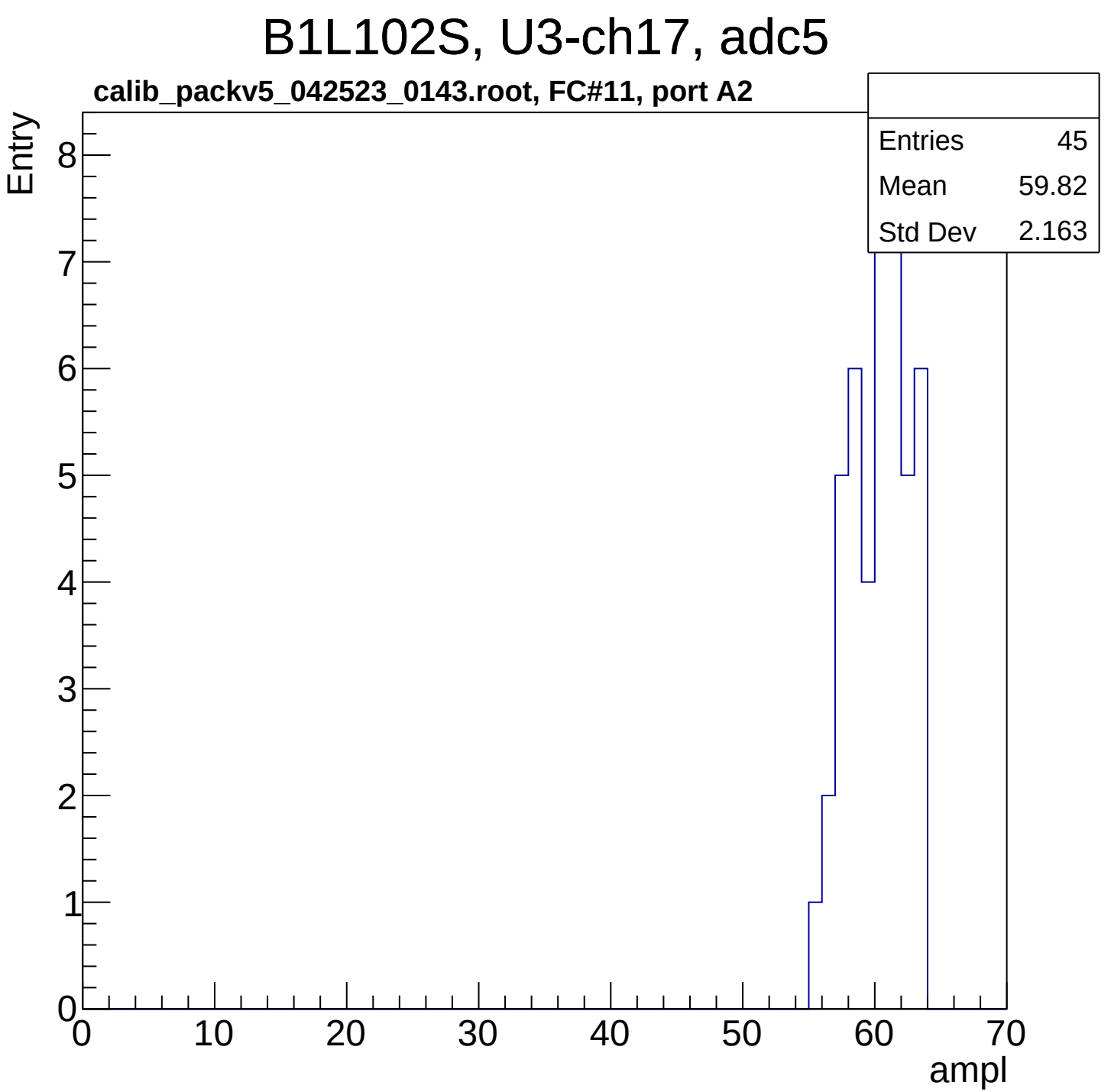
B1L102S, U3-ch17, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 59.82
Std Dev 2.163
Entry
ampl
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2
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4
5
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7
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60
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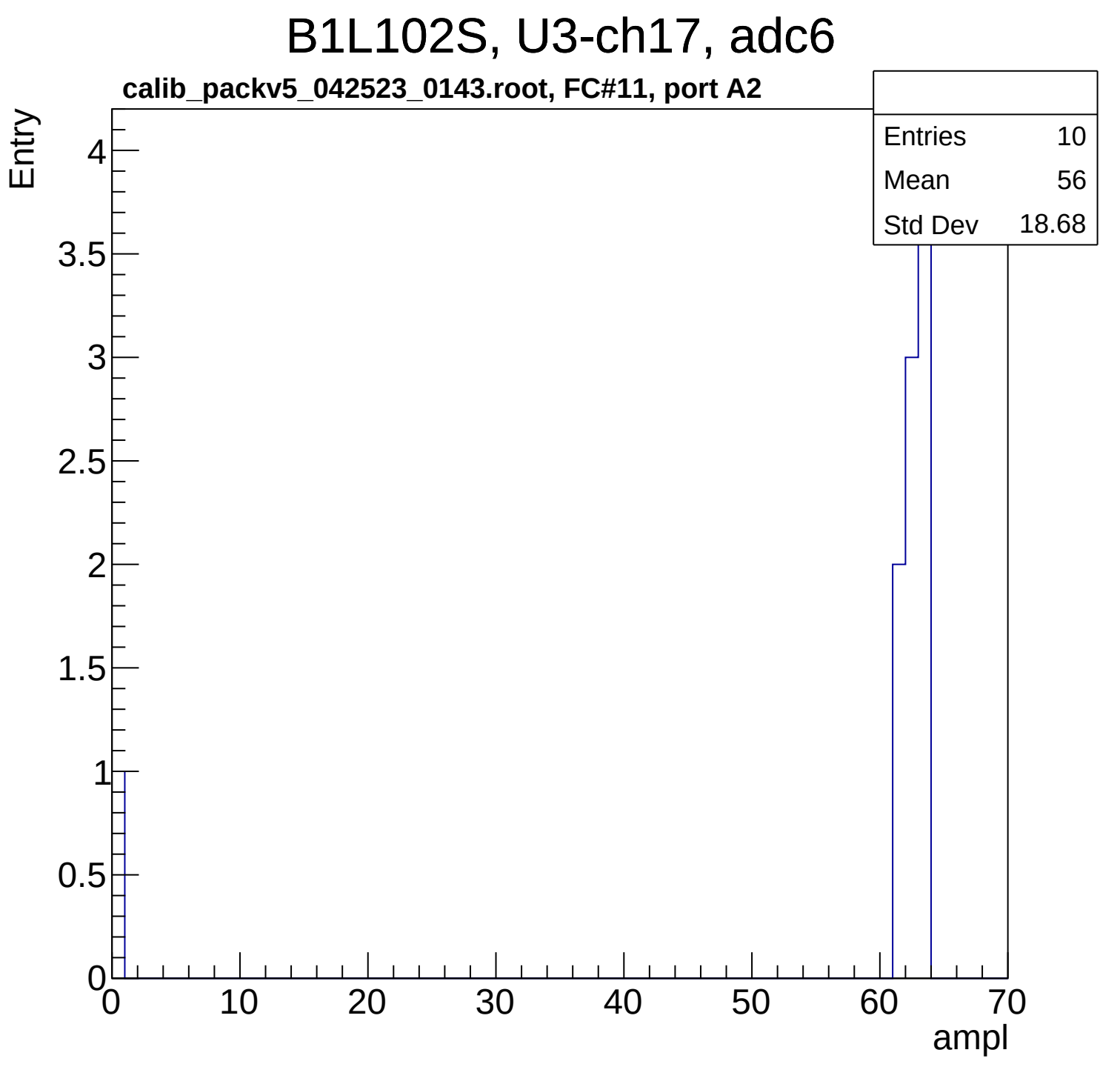
B1L102S, U3-ch17, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 56
Std Dev 18.68
Entry
ampl
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1
1.5
2
2.5
3
3.5
4
0
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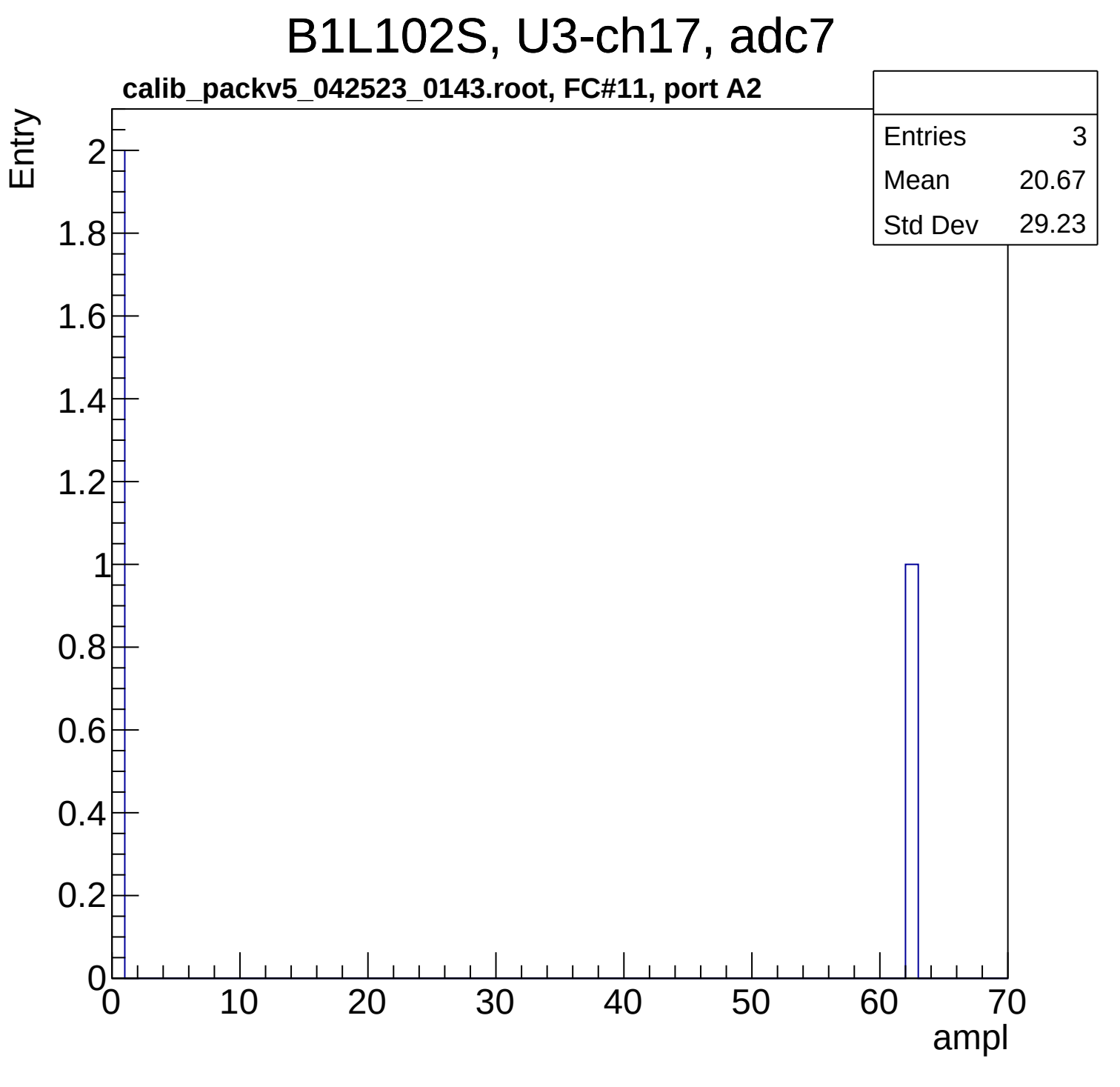
B1L102S, U3-ch17, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 20.67
Std Dev 29.23
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
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60
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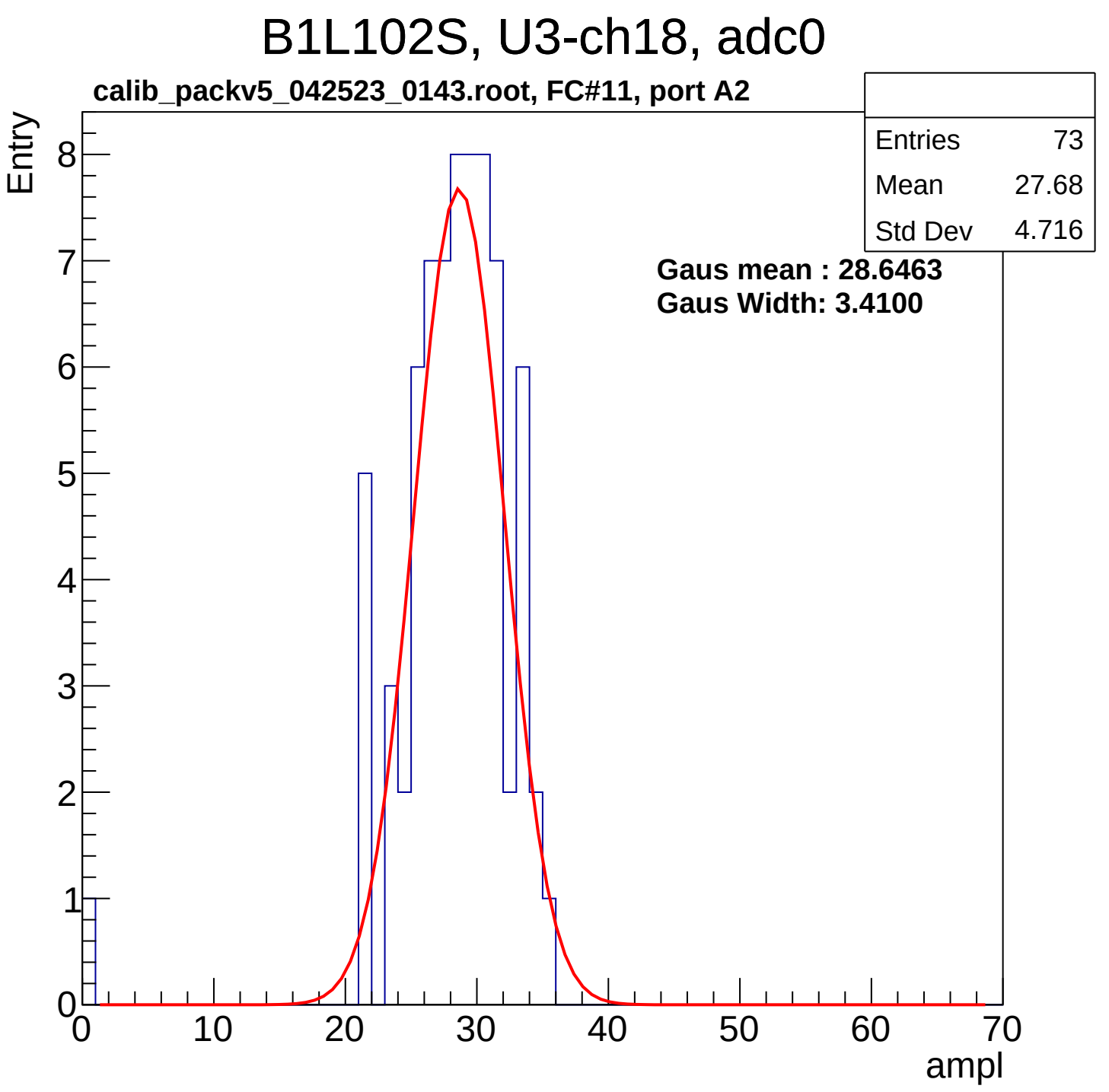
B1L102S, U3-ch18, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 27.68
Std Dev 4.716
Gaus mean : 28.6463
Gaus Width: 3.4100
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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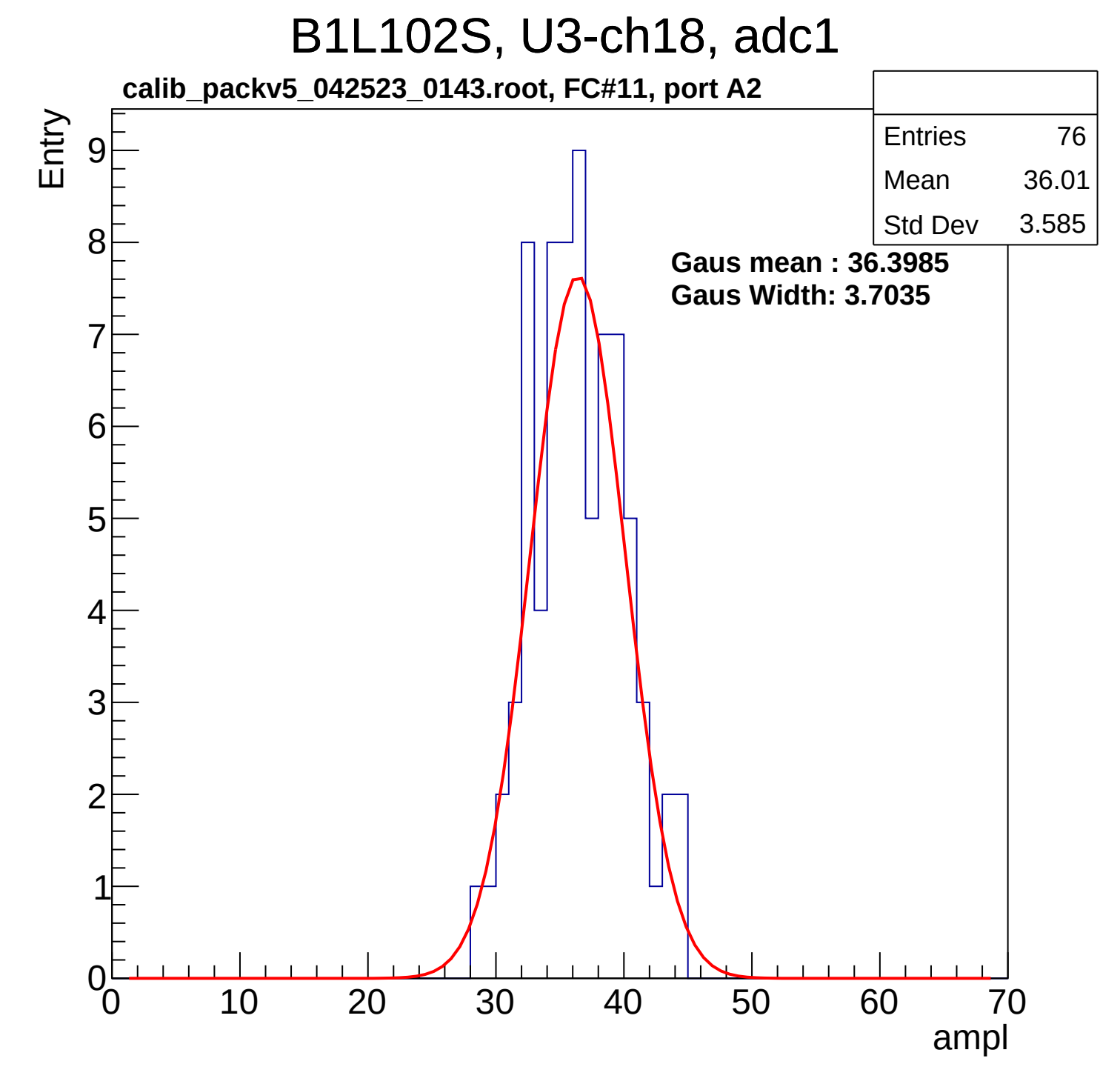
B1L102S, U3-ch18, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 36.01
Std Dev 3.585
Gaus mean : 36.3985
Gaus Width: 3.7035
Entry
ampl
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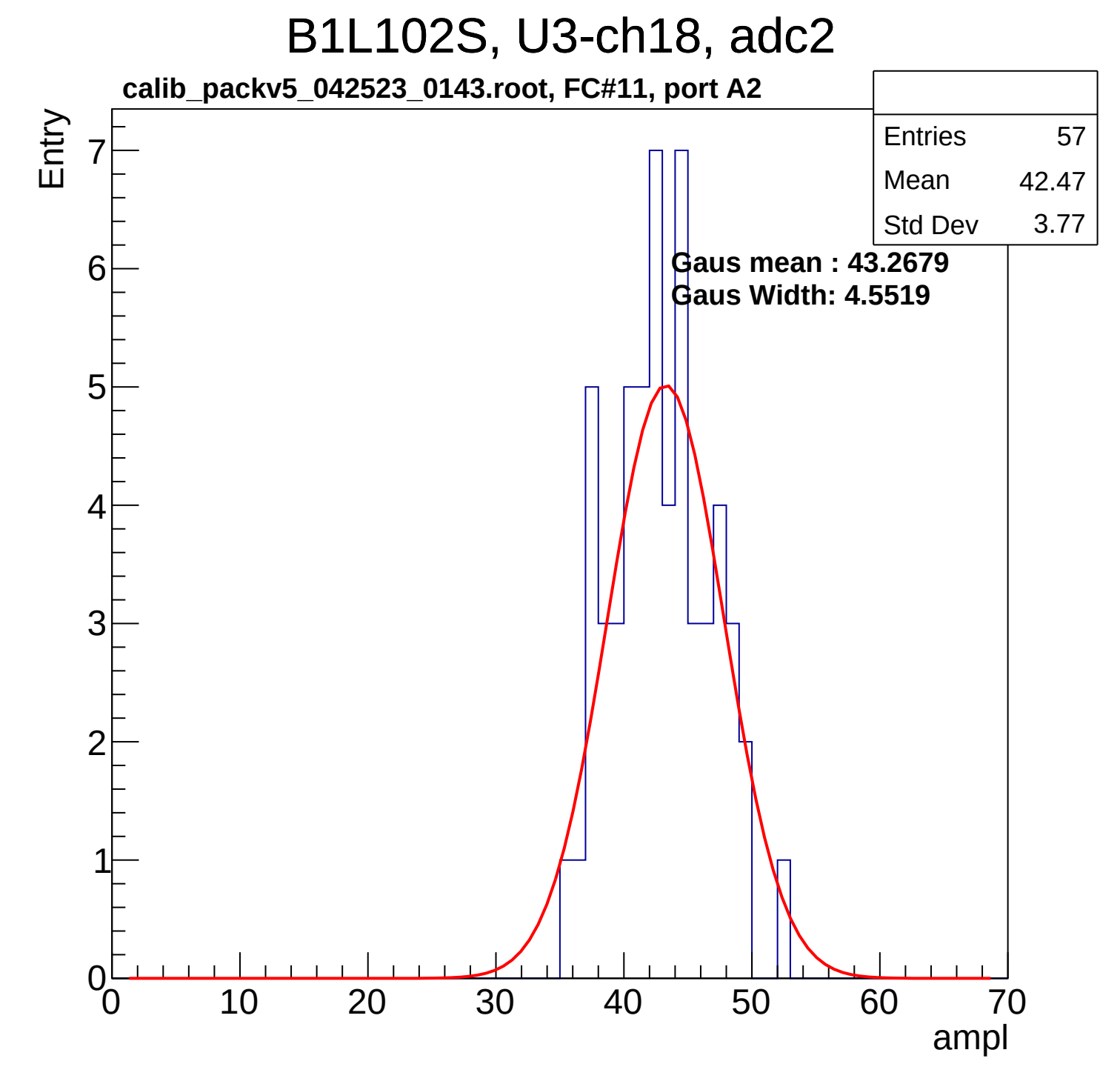
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch18, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 42.47
Std Dev 3.77
Gaus mean : 43.2679
Gaus Width: 4.5519
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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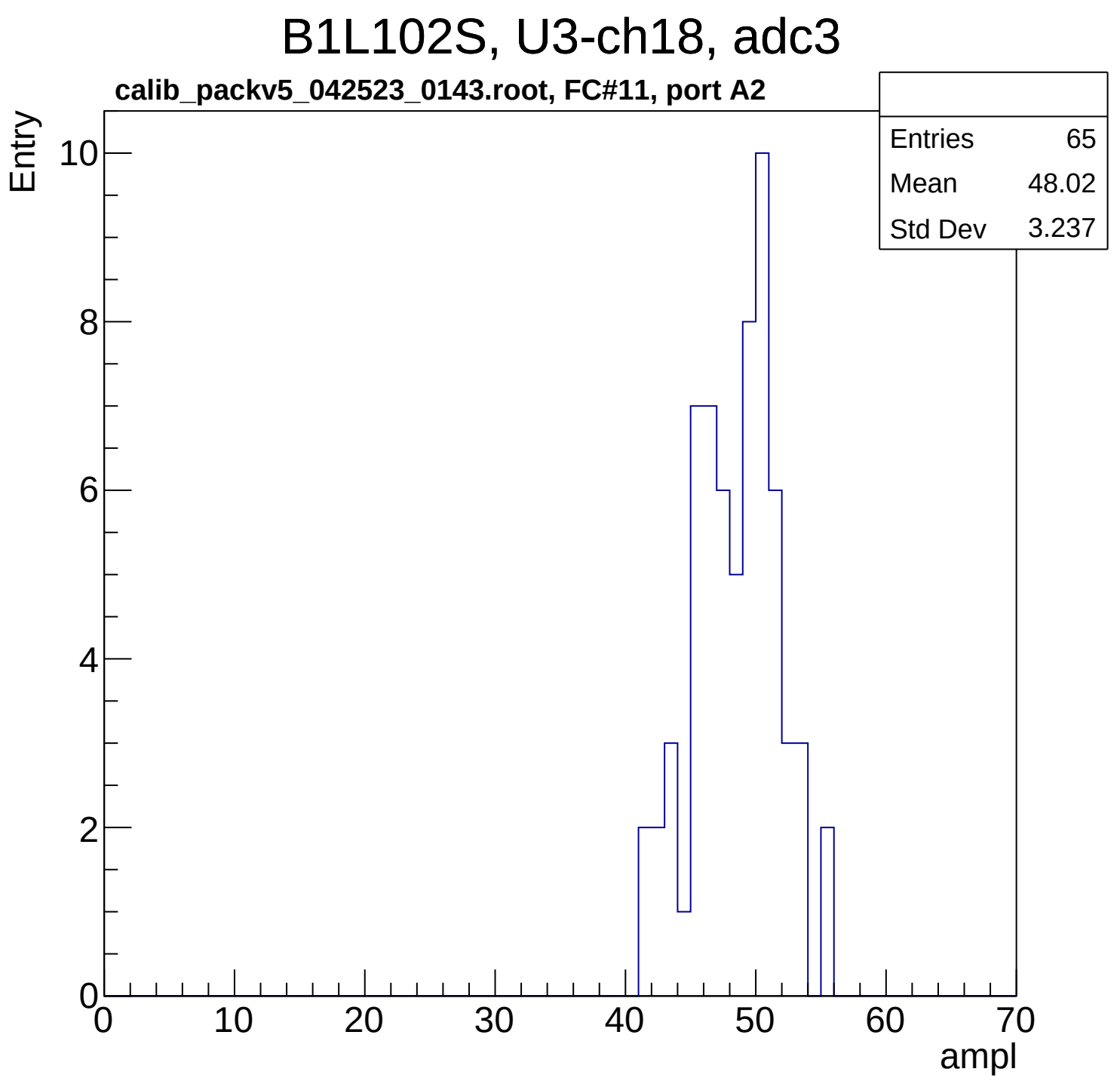
B1L102S, U3-ch18, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 48.02
Std Dev 3.237
Entry
ampl
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60
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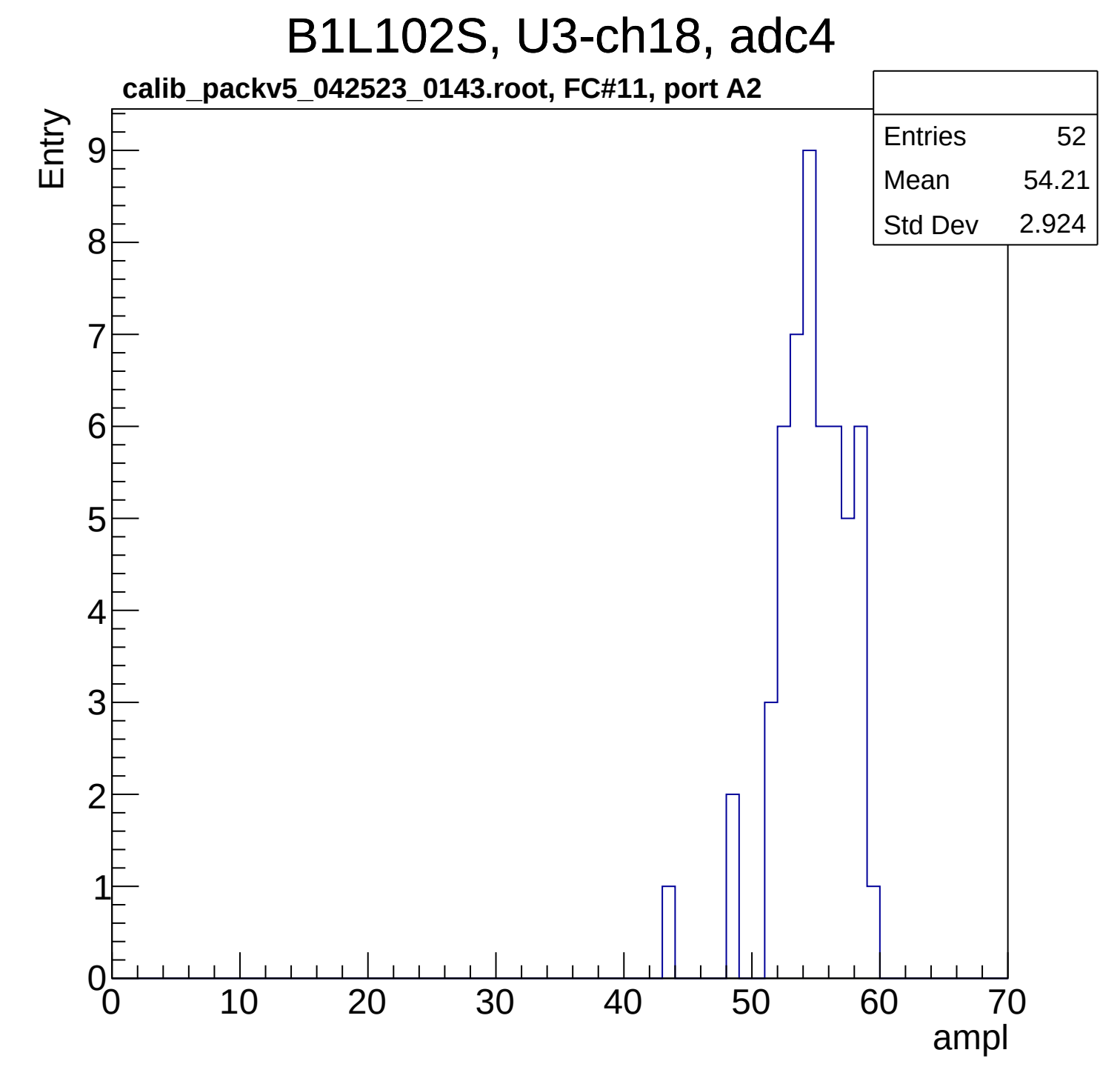
B1L102S, U3-ch18, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 54.21
Std Dev 2.924
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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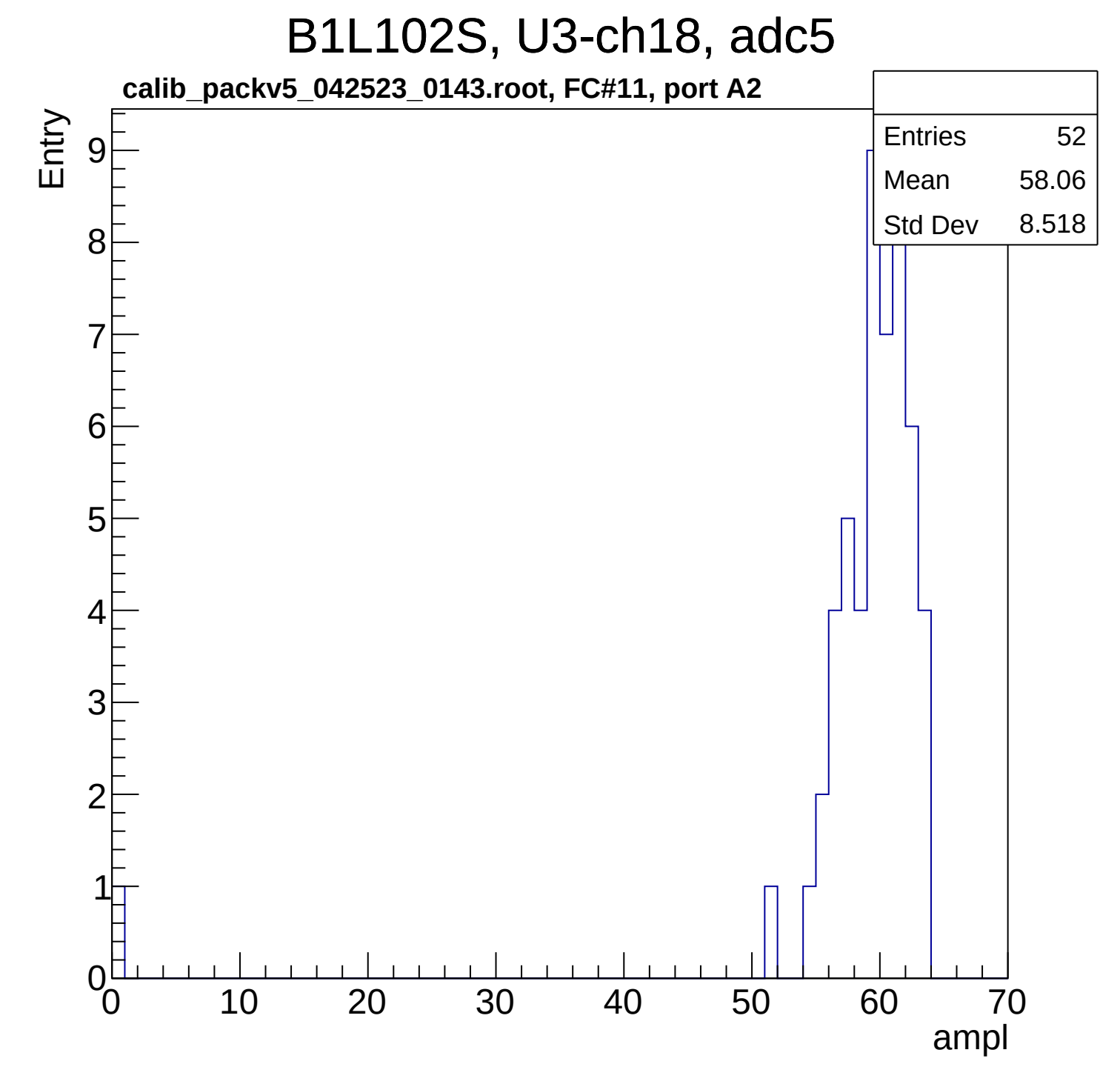
B1L102S, U3-ch18, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 58.06
Std Dev 8.518
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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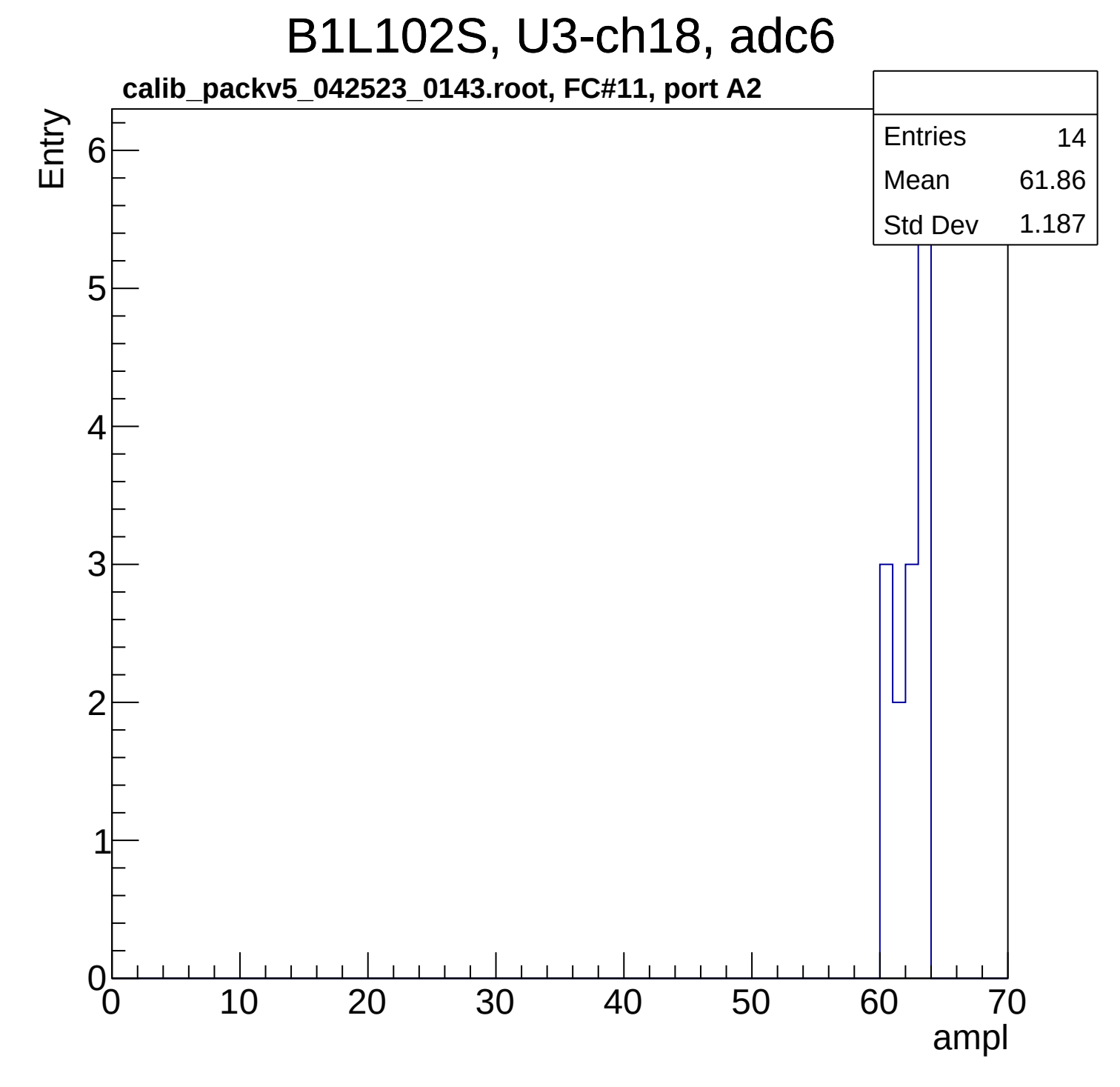
B1L102S, U3-ch18, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 61.86
Std Dev 1.187
Entry
ampl
0
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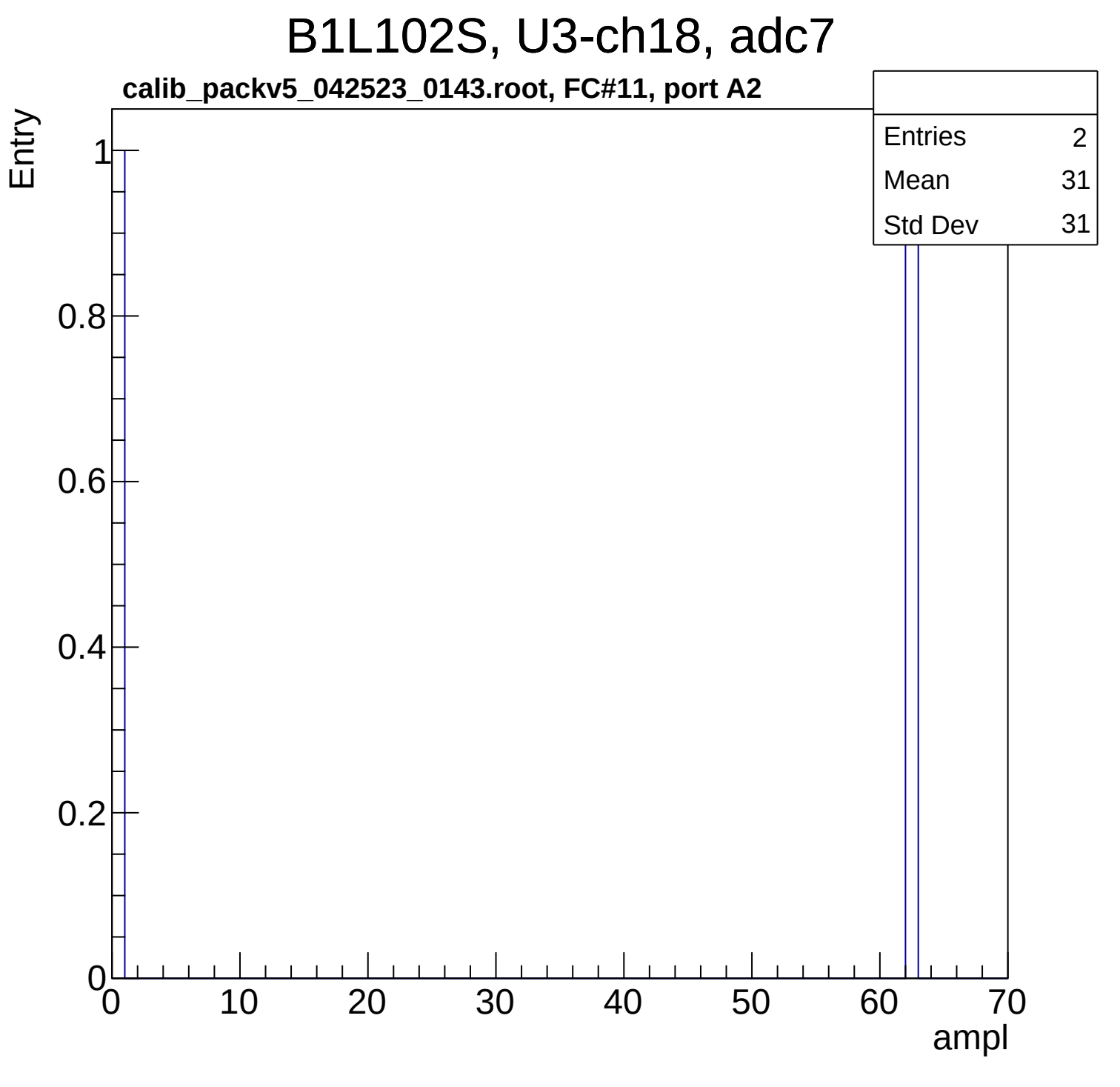
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch18, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 31
Std Dev 31
Entry
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0.6
0.4
0.2
0
0
10
20
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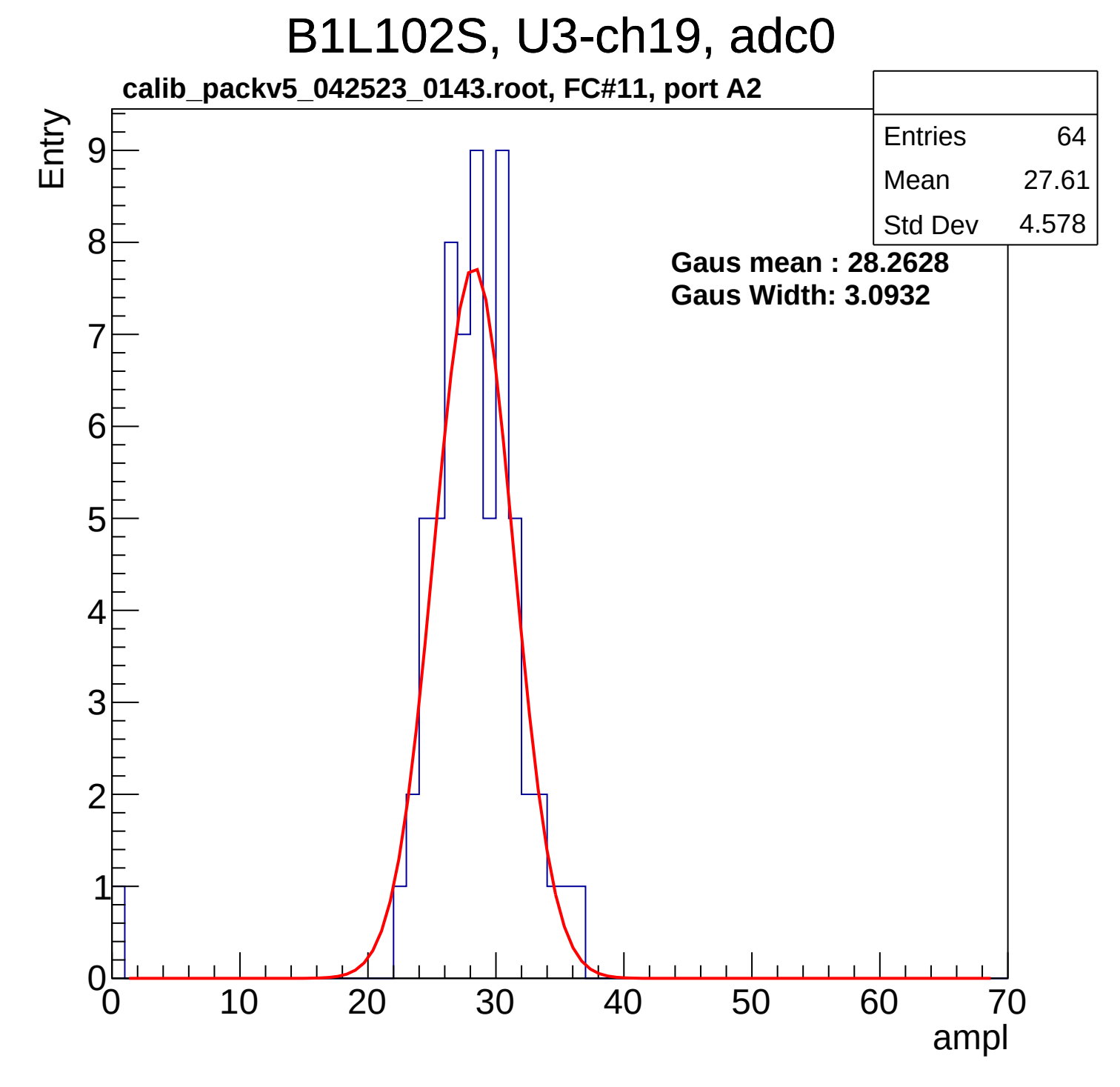
40
50
60
70
ampl


B1L102S, U3-ch19, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 27.61
Std Dev 4.578
Gaus mean : 28.2628
Gaus Width: 3.0932
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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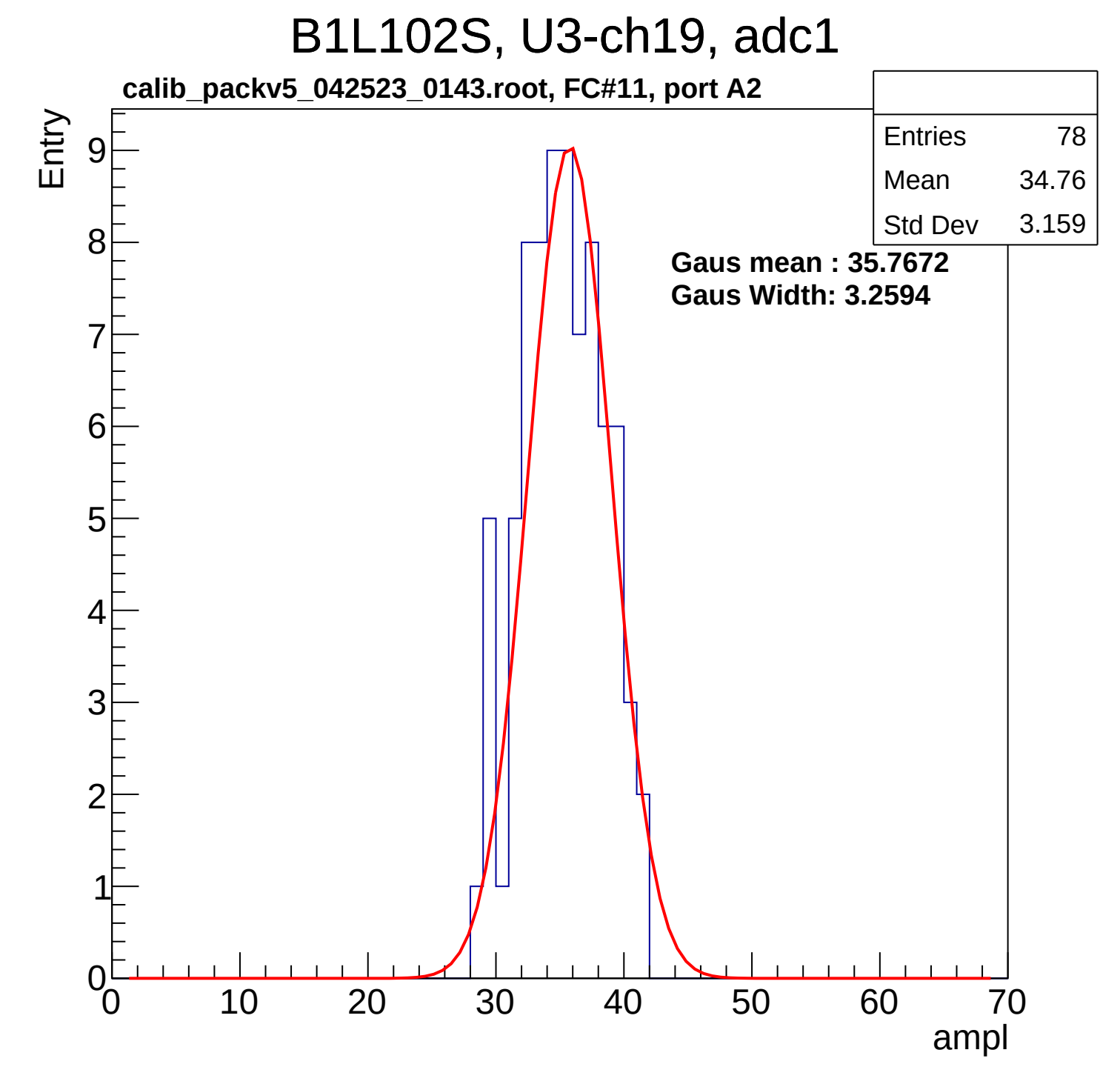
B1L102S, U3-ch19, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 34.76
Std Dev 3.159
Gaus mean : 35.7672
Gaus Width: 3.2594
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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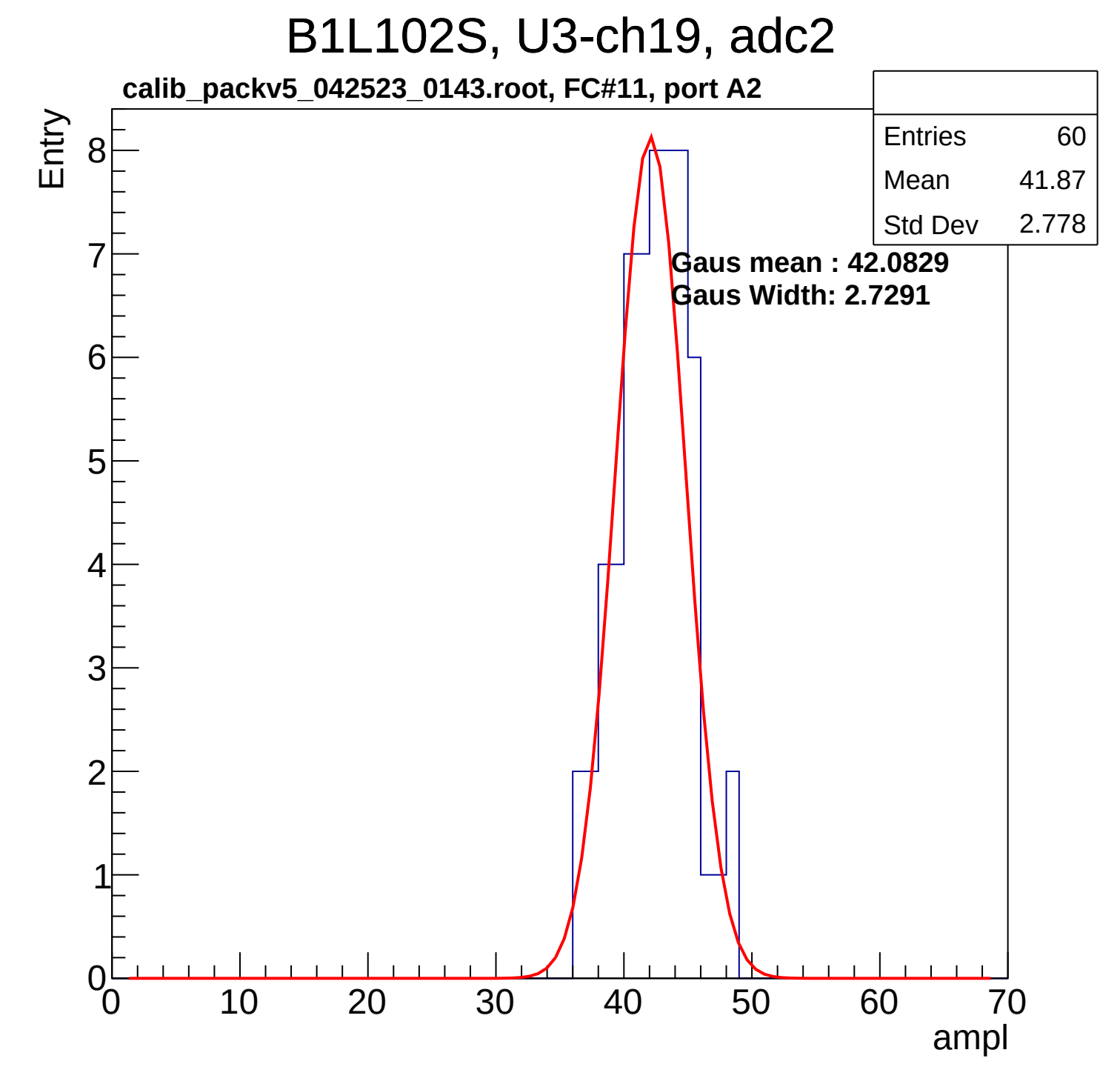
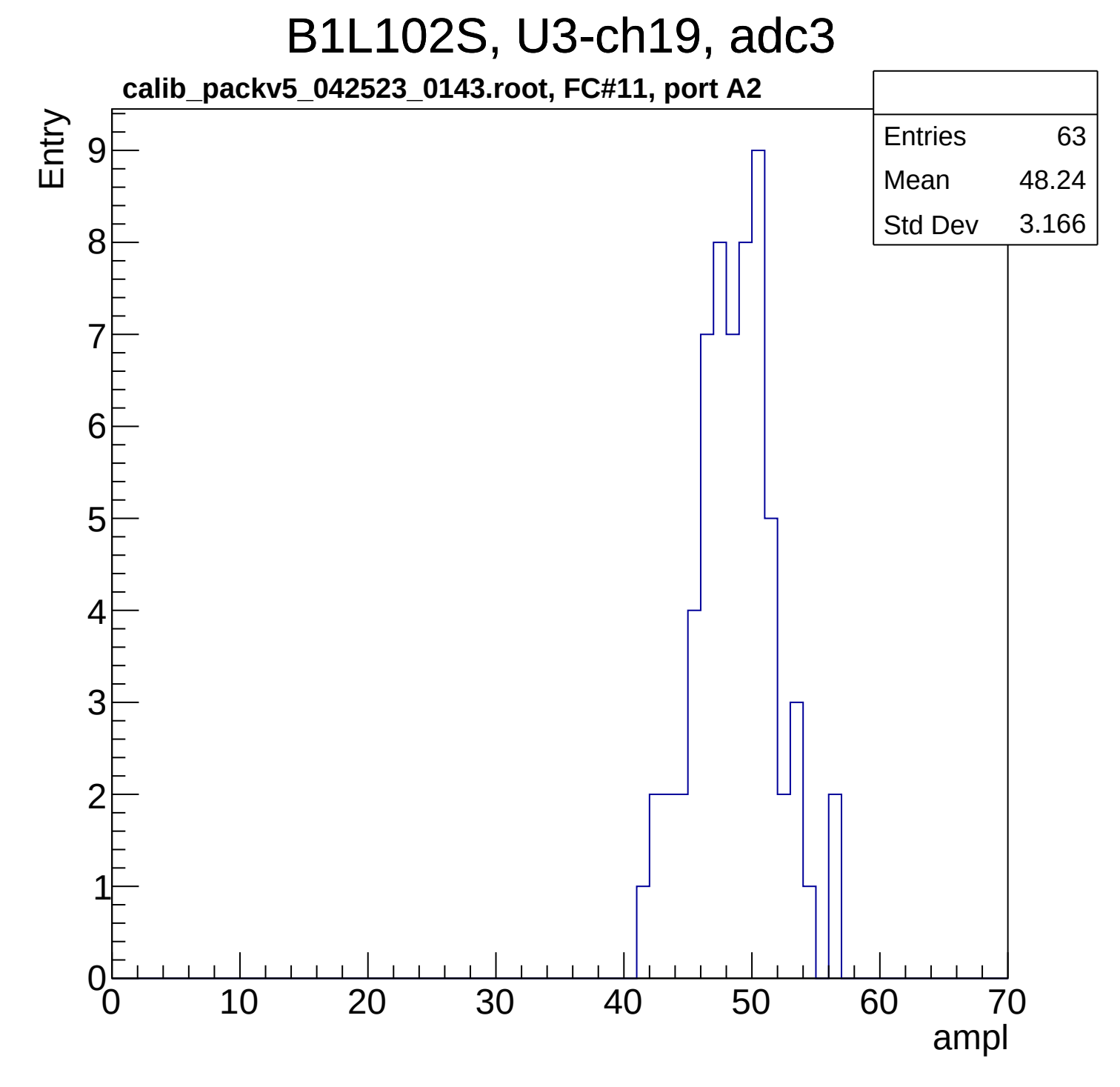

B1L102S, U3-ch19, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 41.87
Std Dev 2.778
Gaus mean : 42.0829
Gaus Width: 2.7291
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch19, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.24
Std Dev 3.166
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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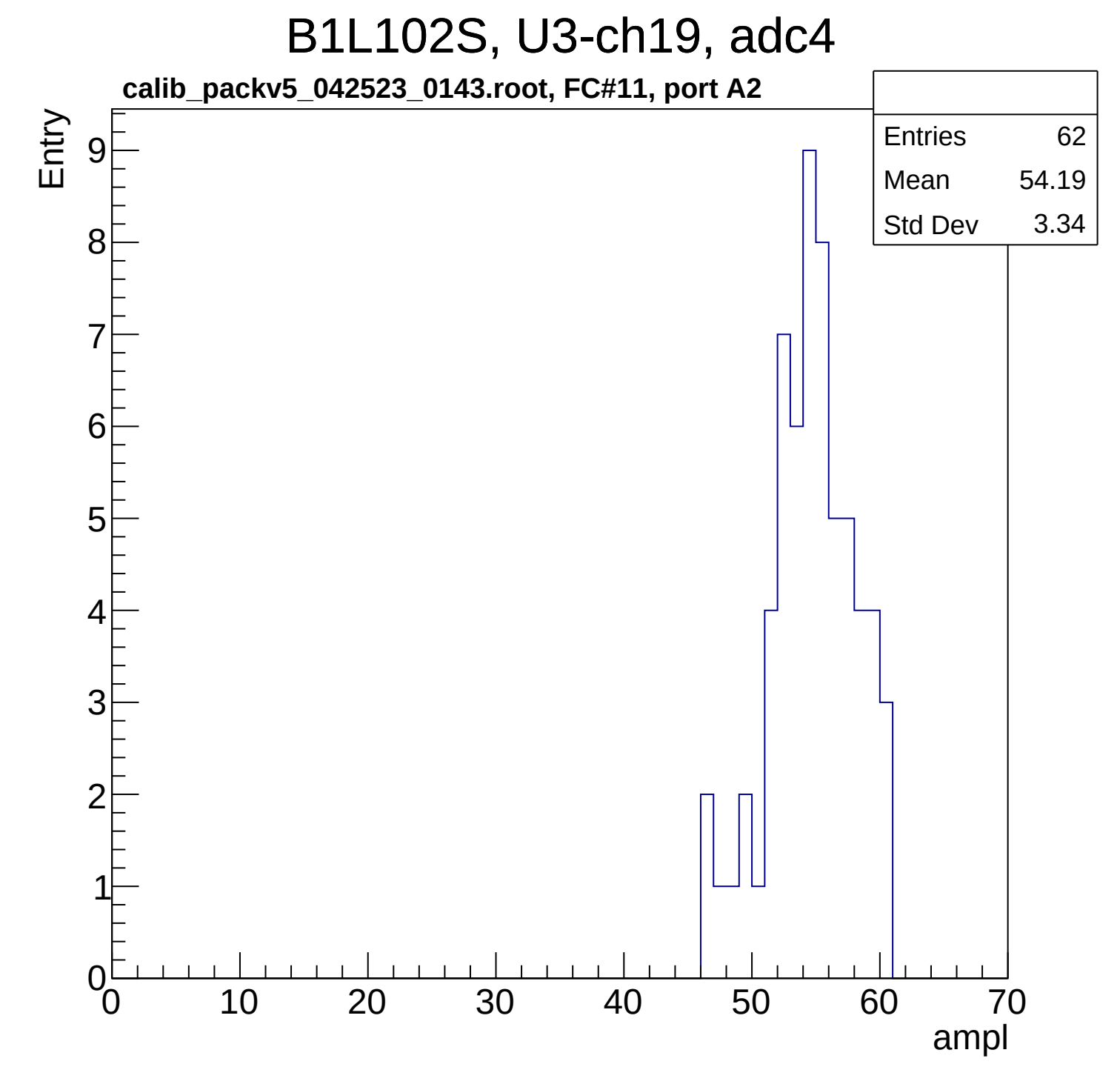
B1L102S, U3-ch19, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 54.19
Std Dev 3.34
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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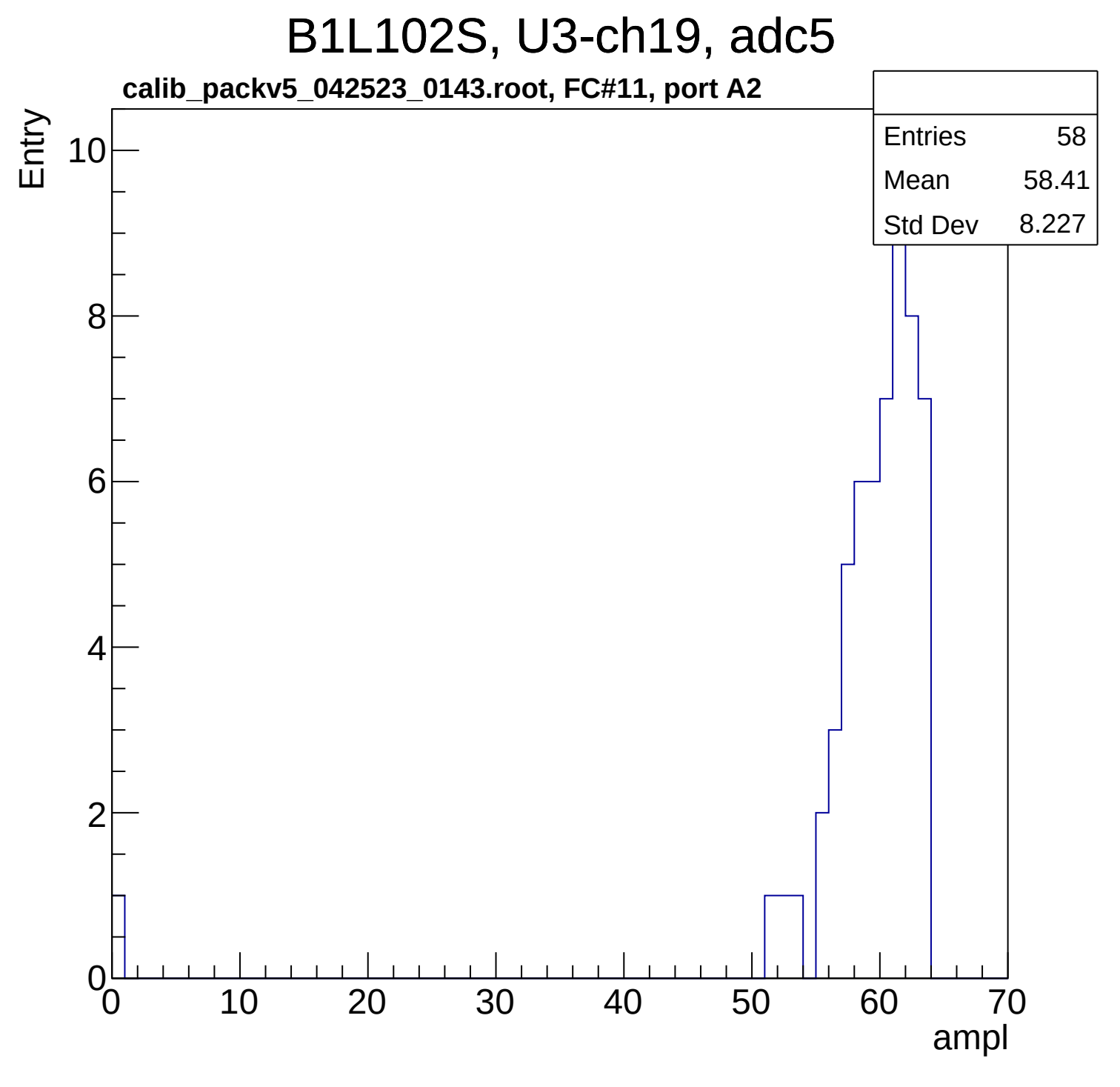
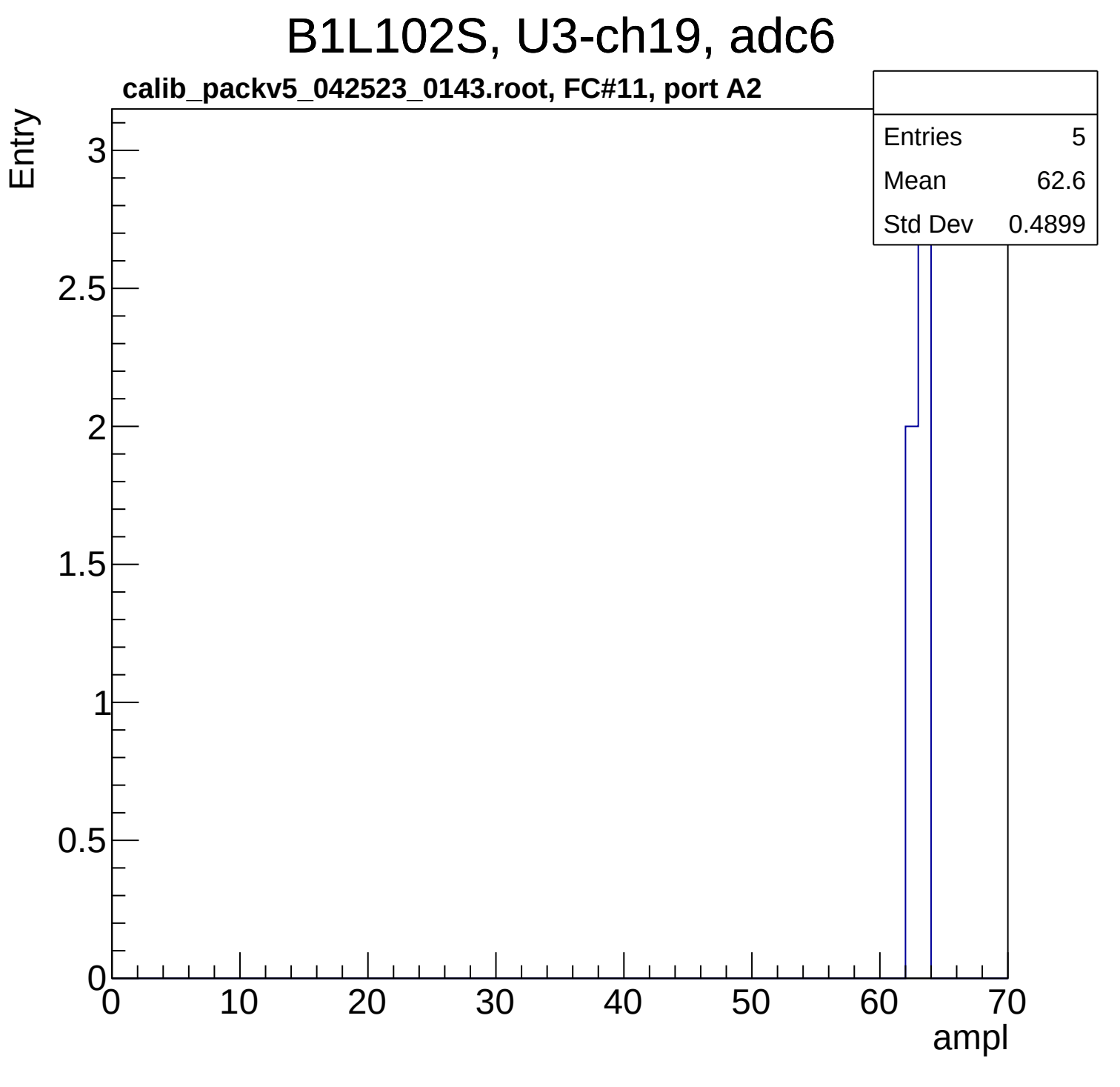
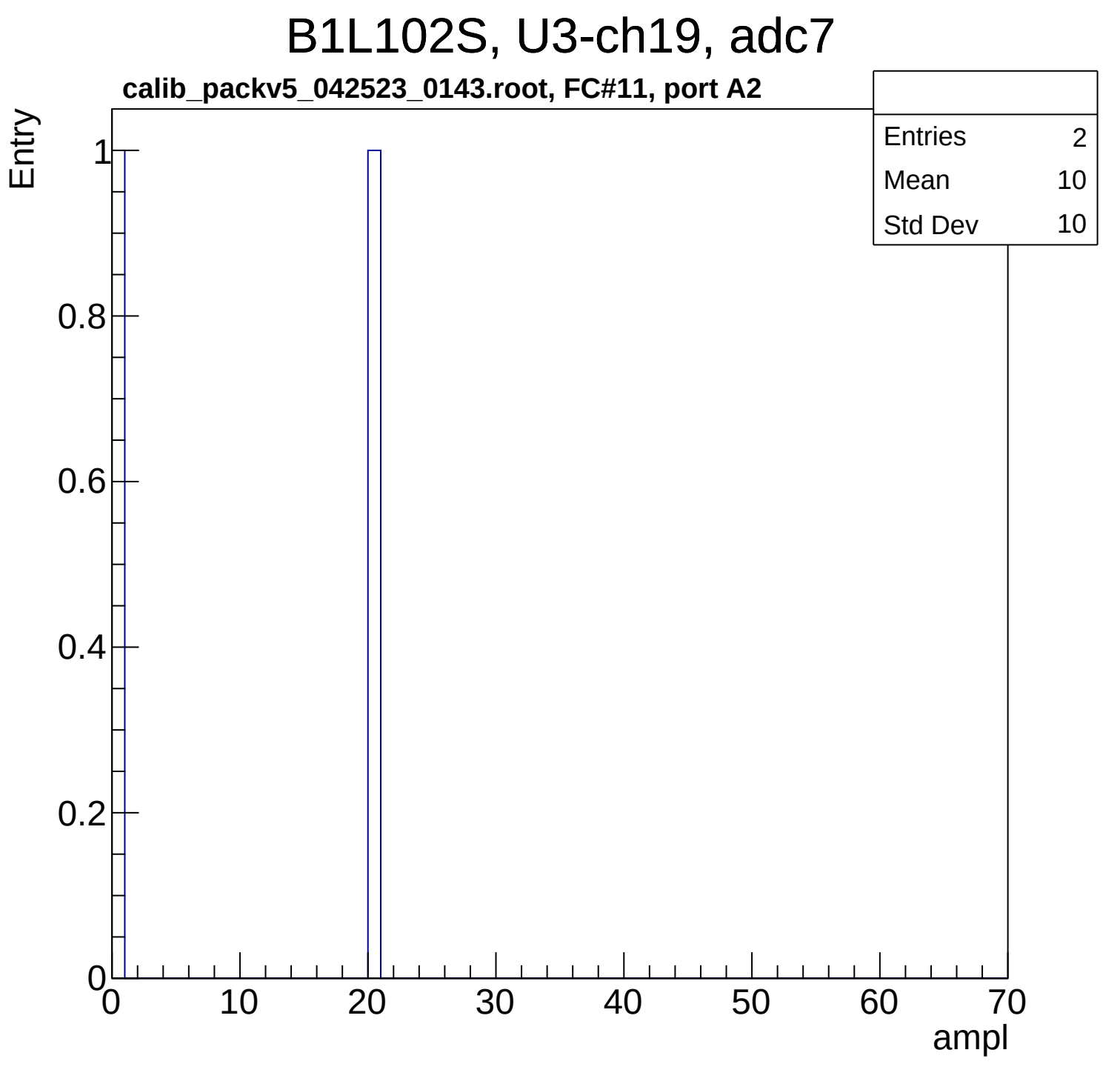
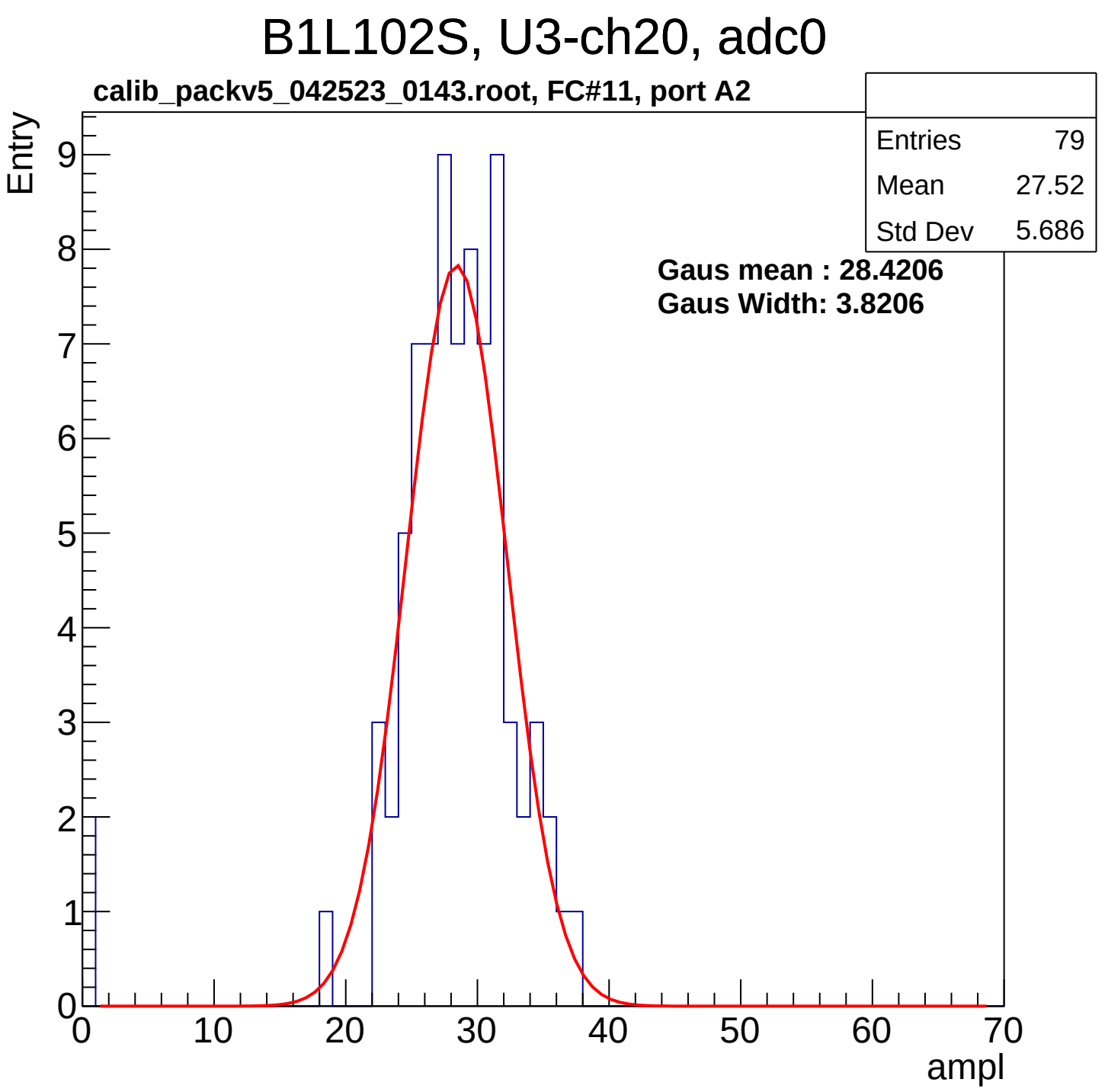
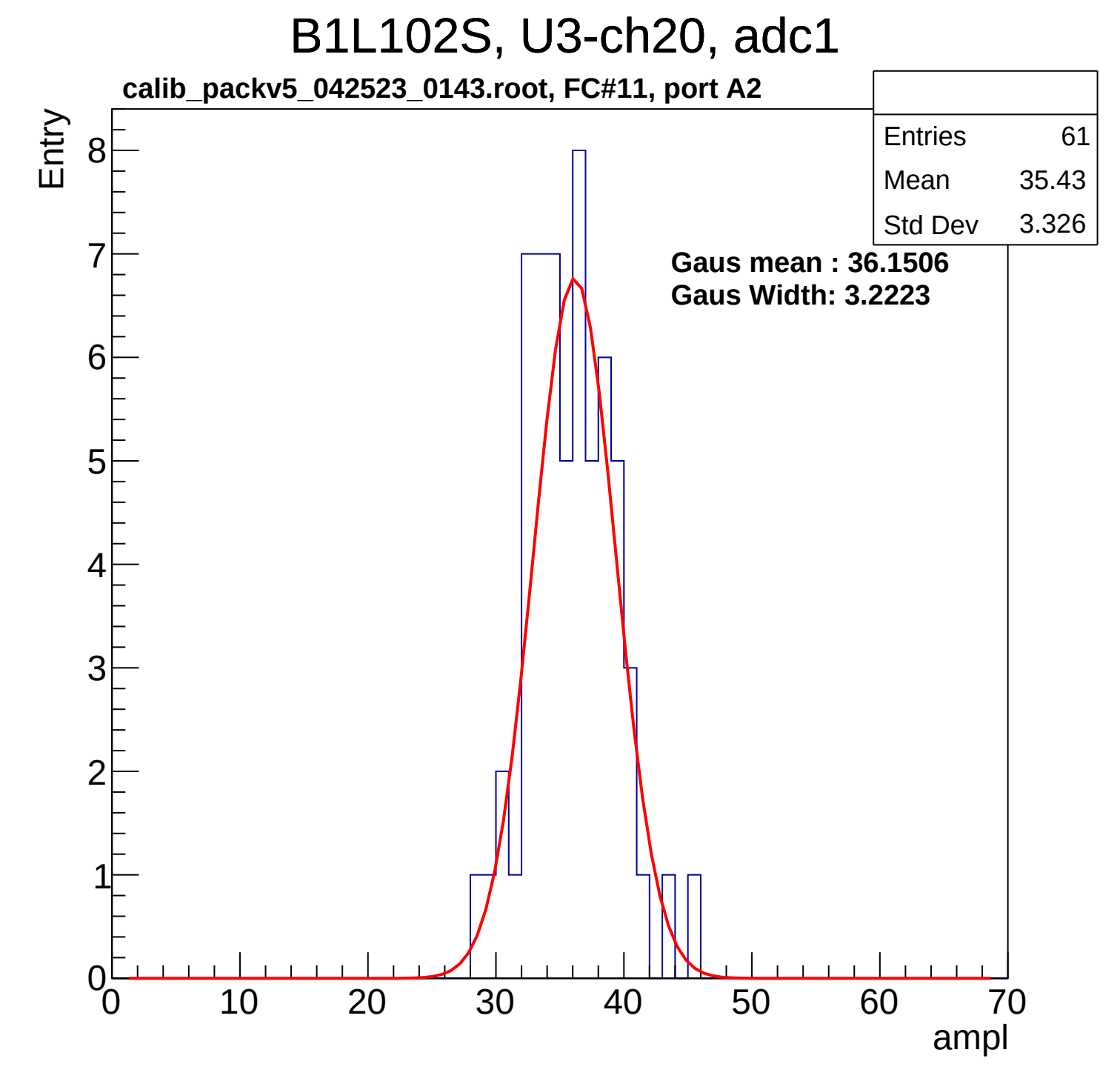
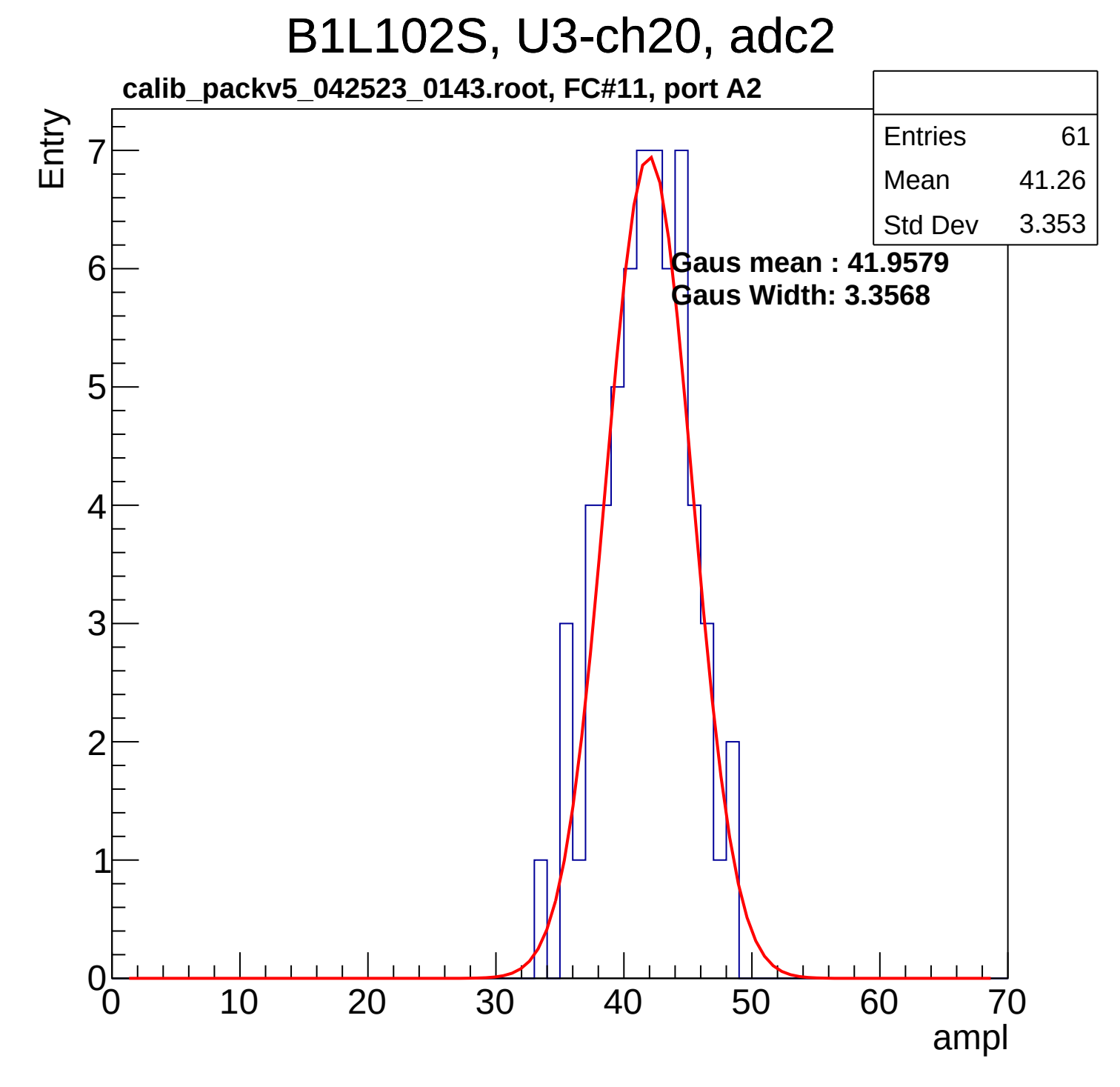

B1L102S, U3-ch19, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 58.41
Std Dev 8.227
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch19, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch19, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 10
Std Dev 10
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch20, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 27.52
Std Dev 5.686
Gaus mean : 28.4206
Gaus Width: 3.8206
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch20, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 35.43
Std Dev 3.326
Gaus mean : 36.1506
Gaus Width: 3.2223
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch20, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 41.26
Std Dev 3.353
Gaus mean : 41.9579
Gaus Width: 3.3568
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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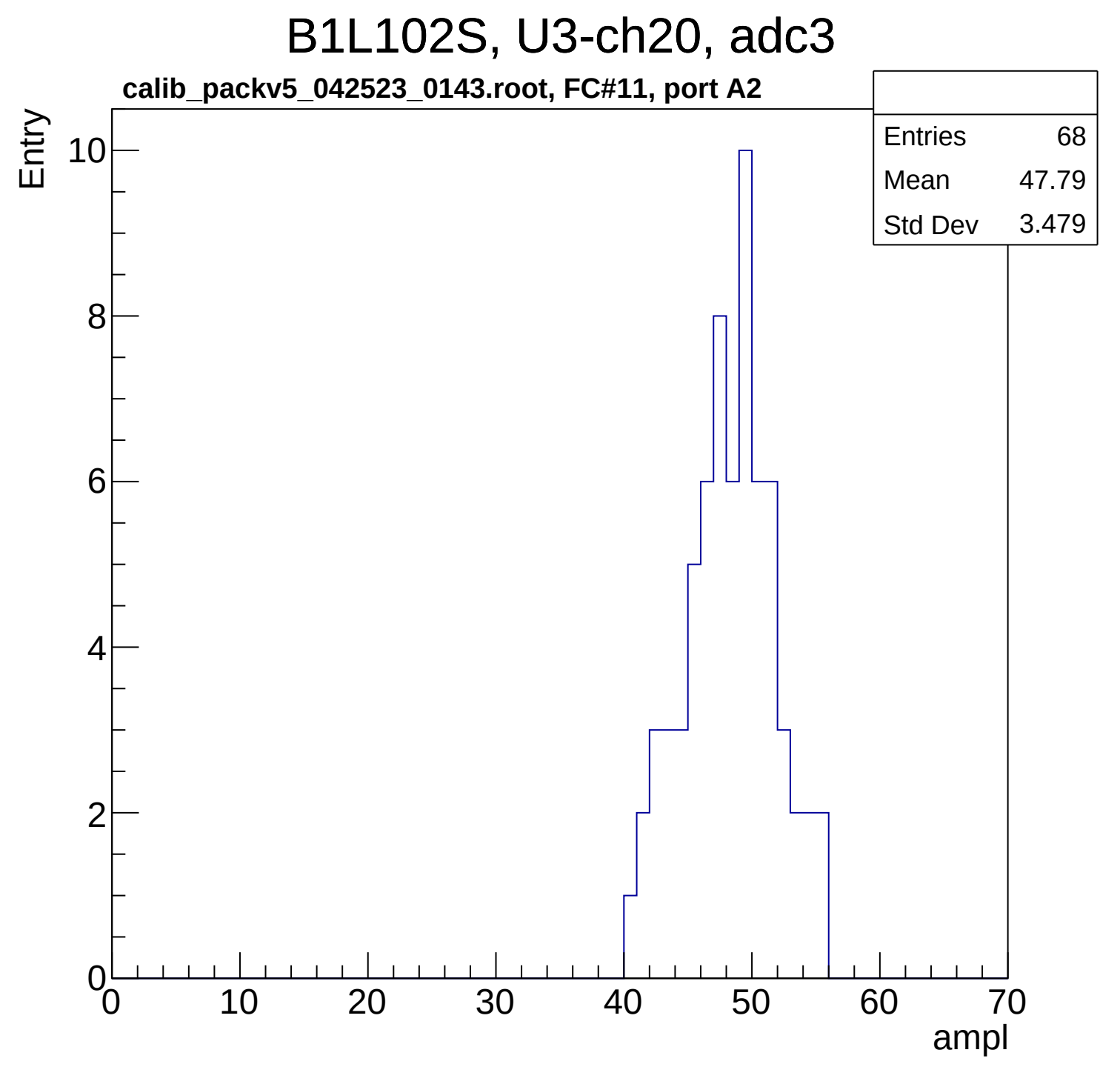
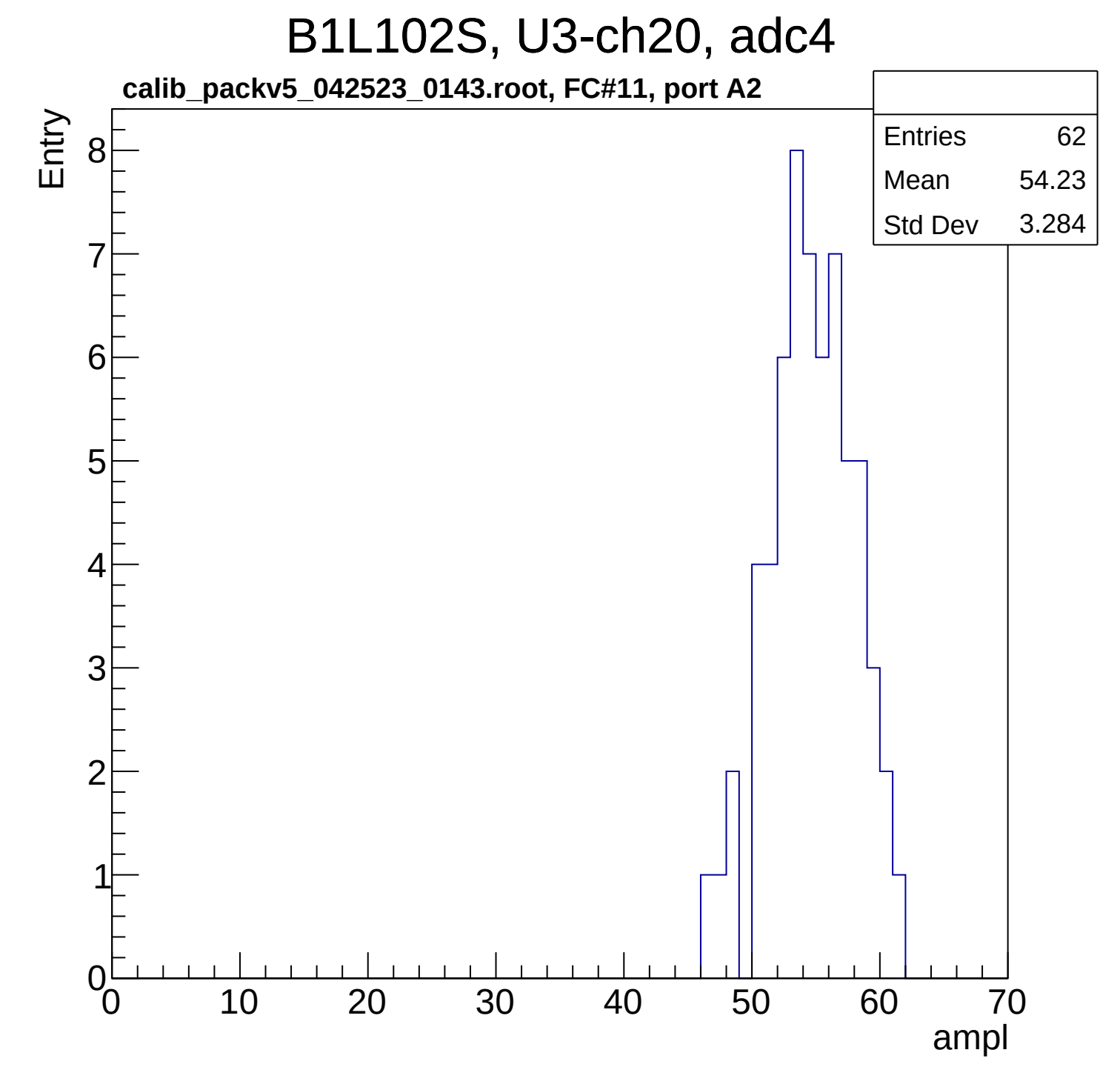
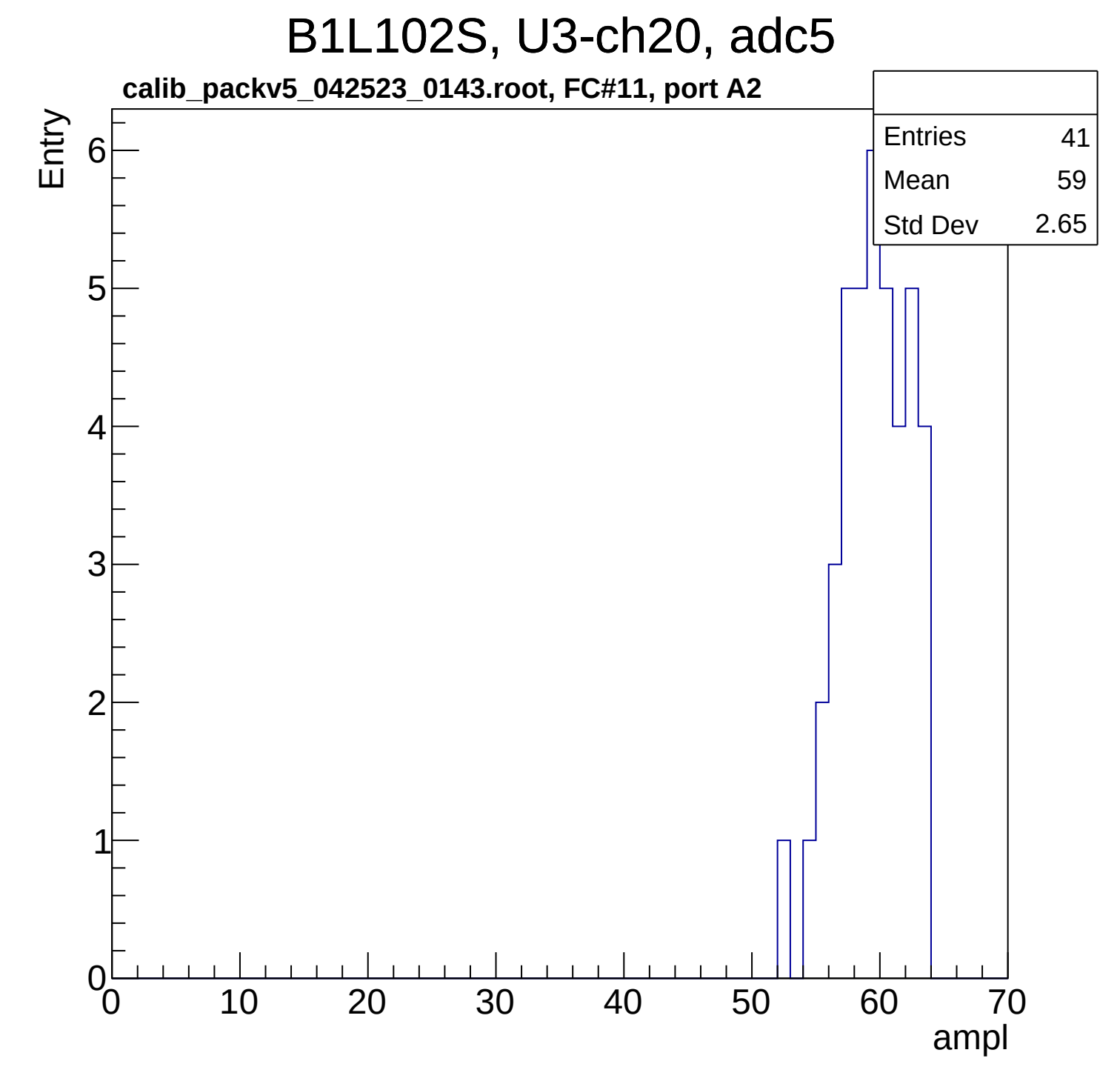
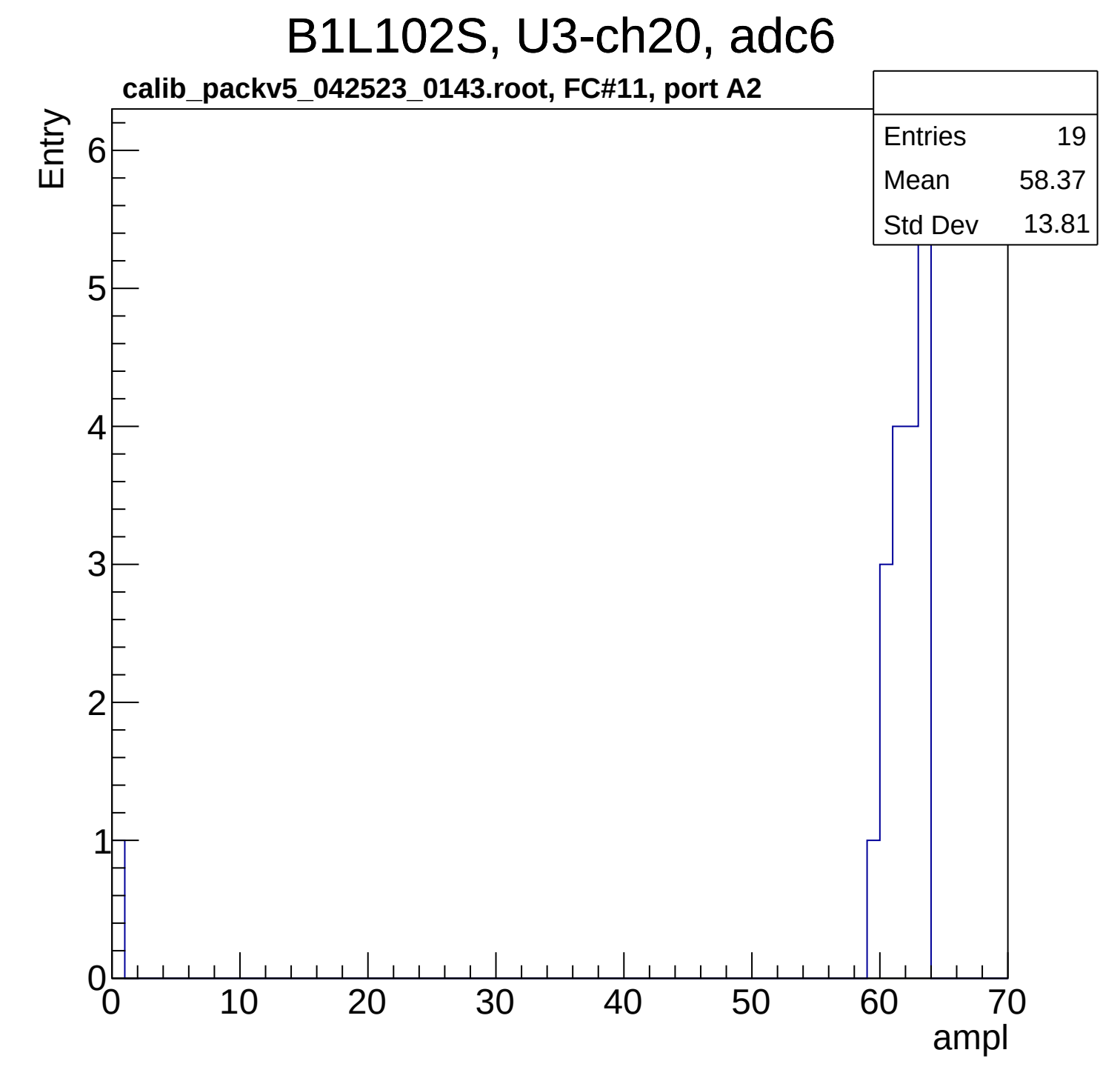

B1L102S, U3-ch20, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 47.79
Std Dev 3.479
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch20, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 54.23
Std Dev 3.284
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch20, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 59
Std Dev 2.65
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch20, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 19
Mean 58.37
Std Dev 13.81
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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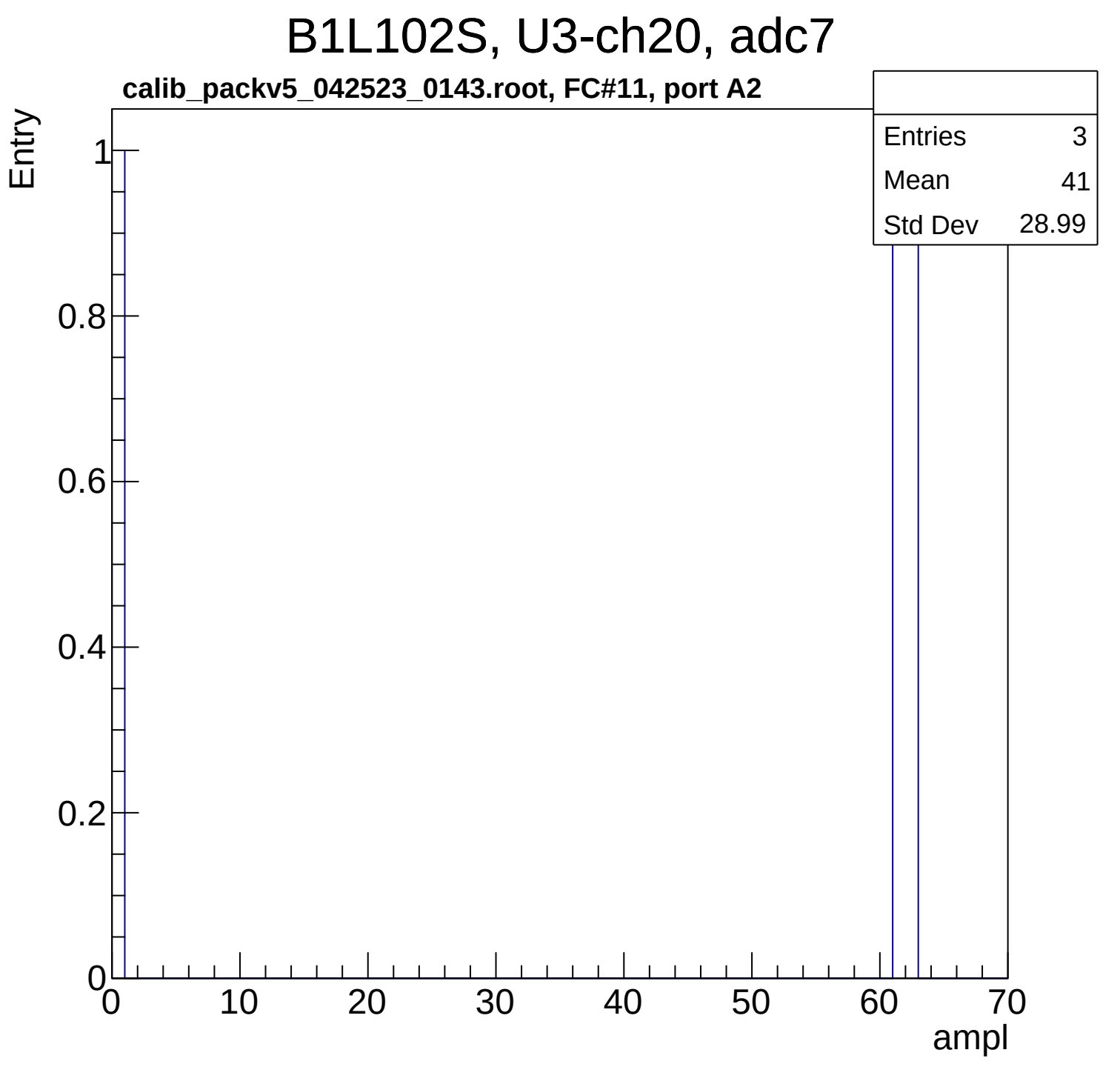
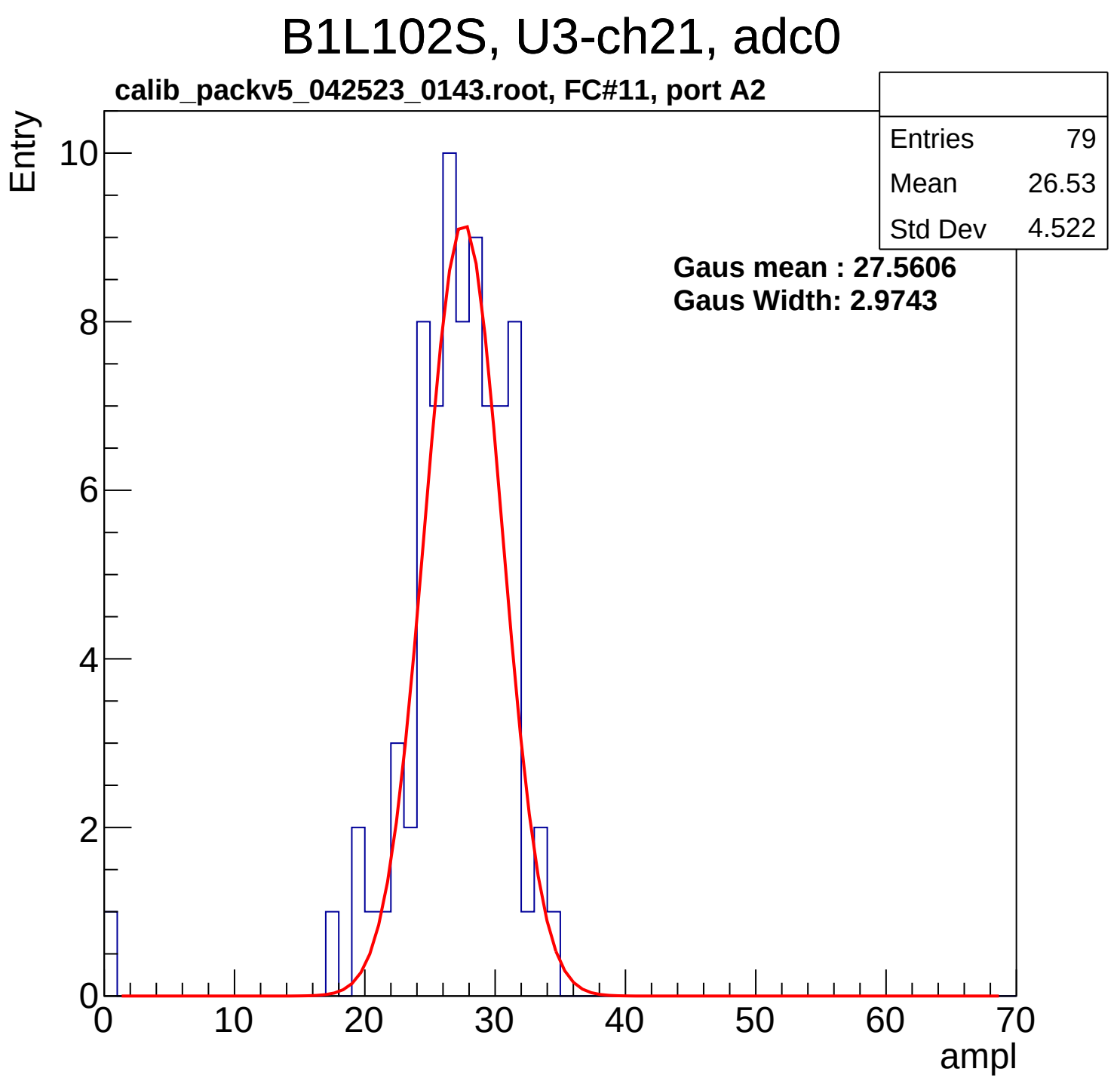
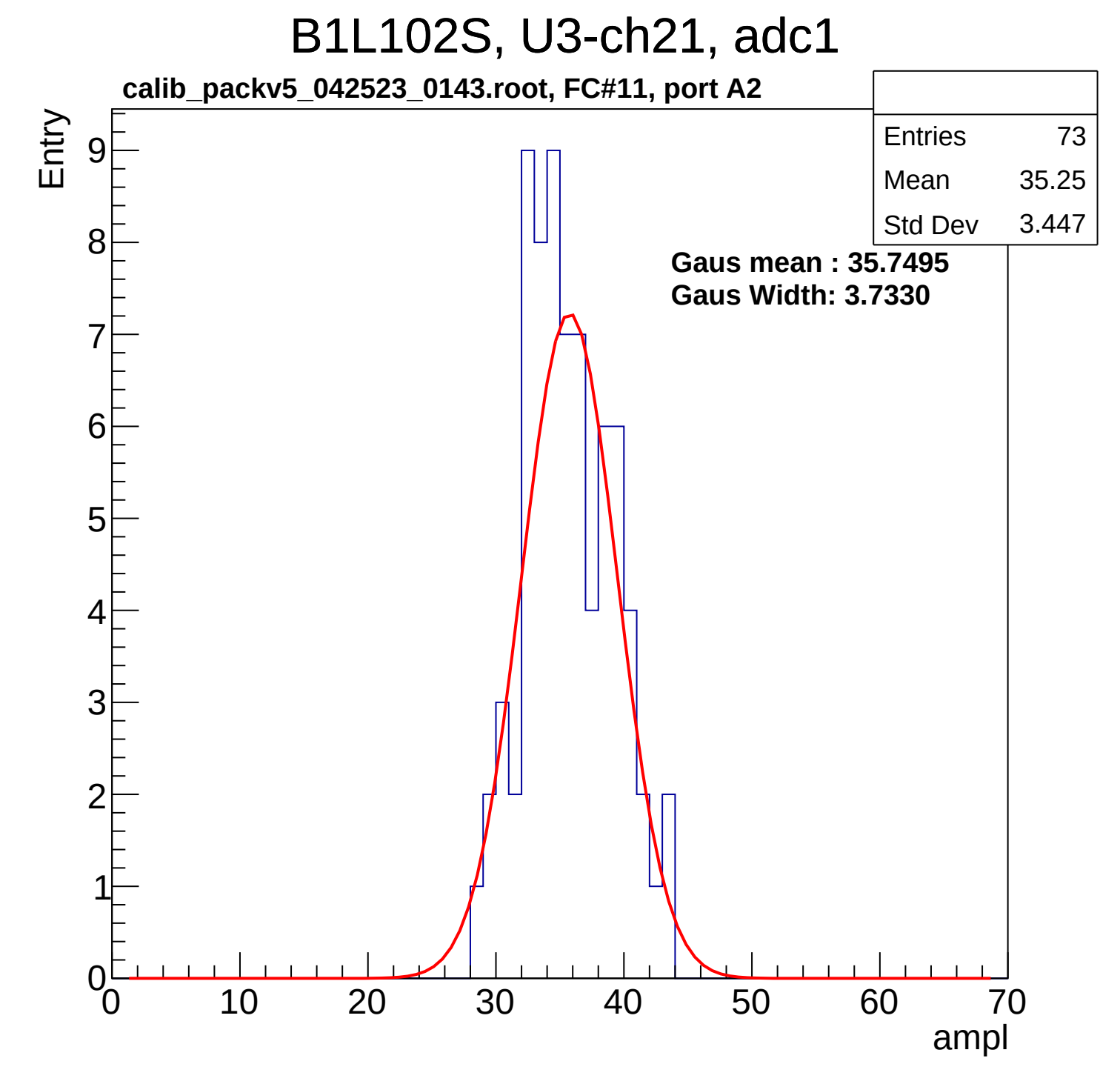
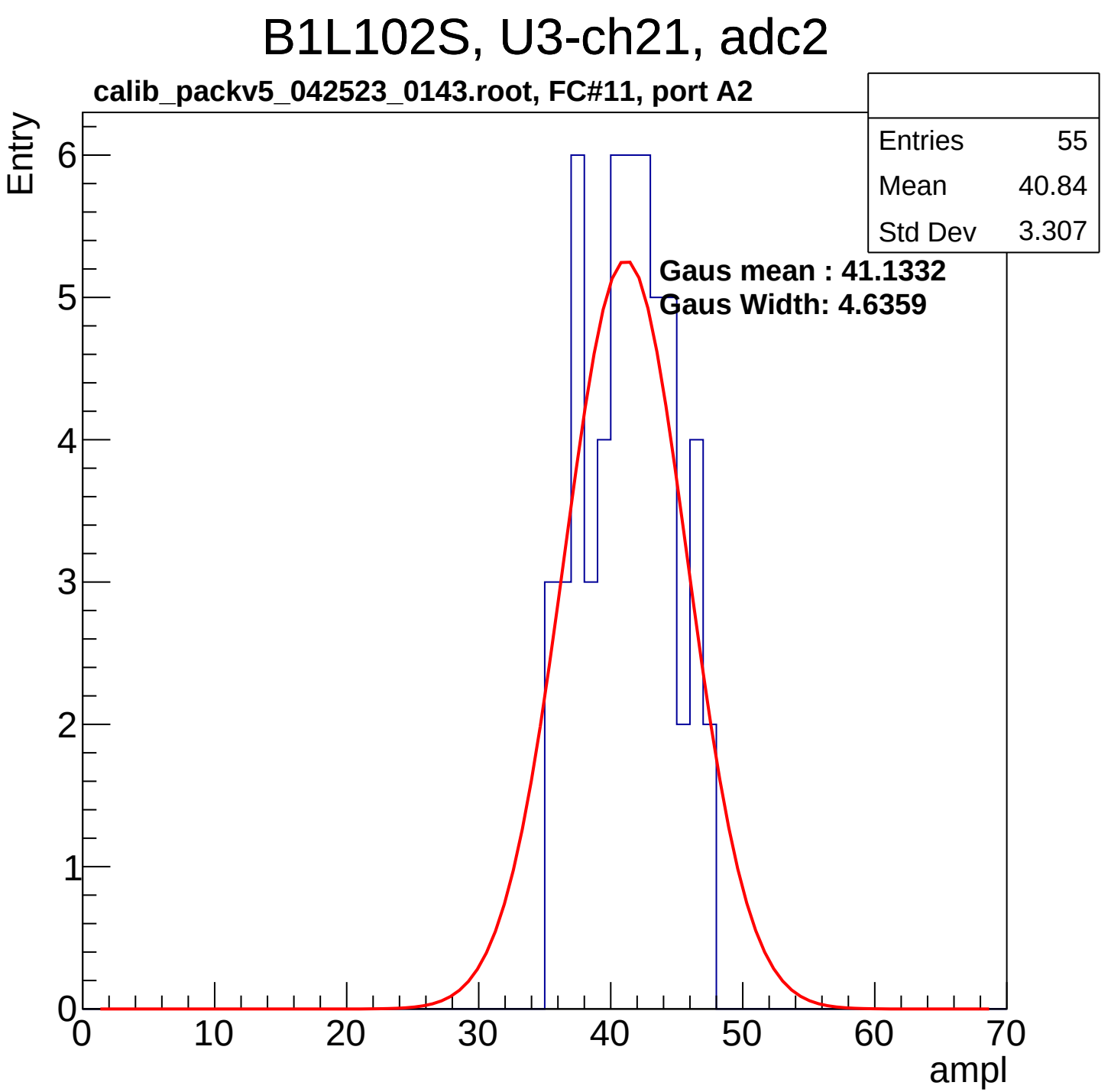
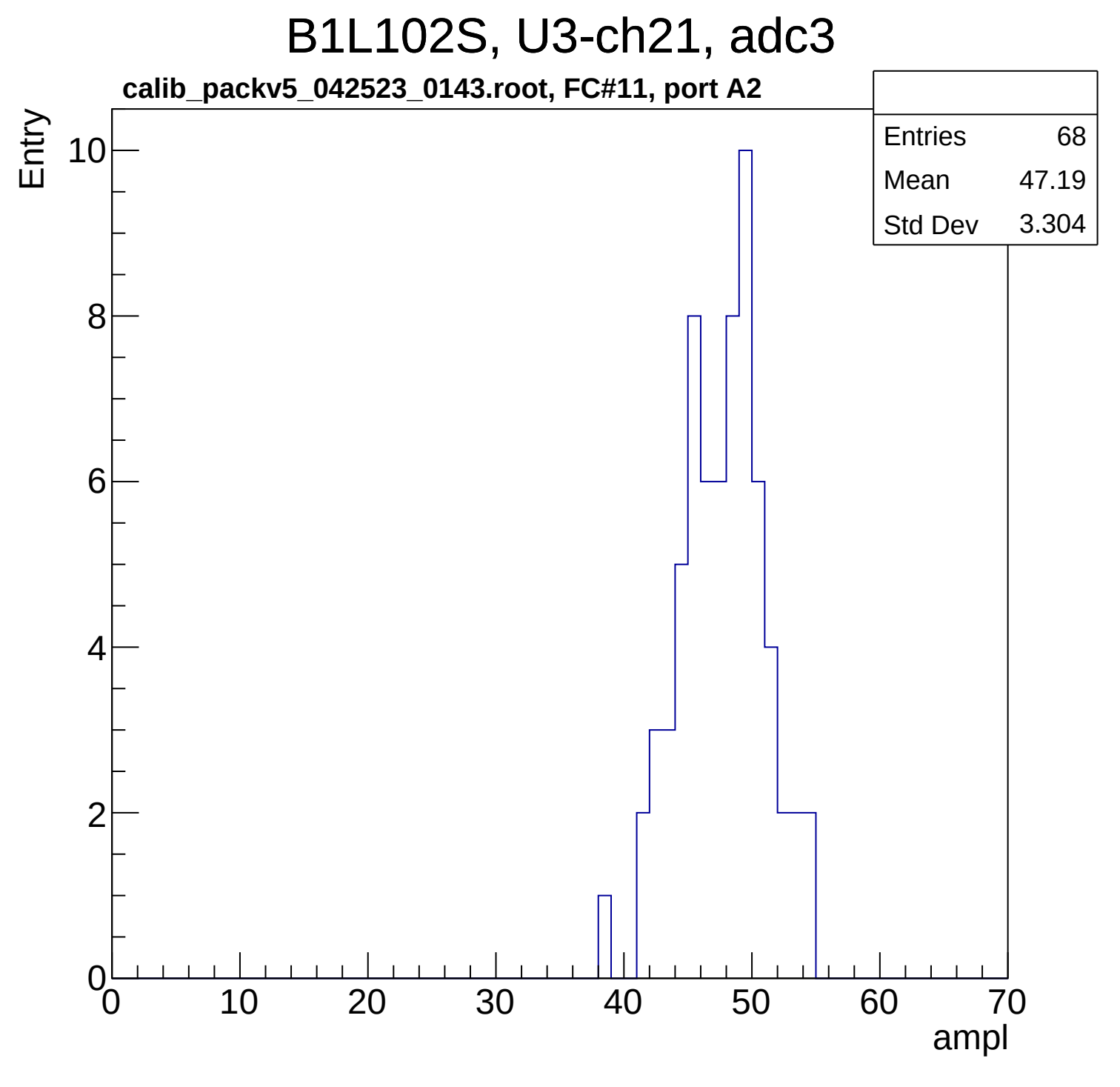
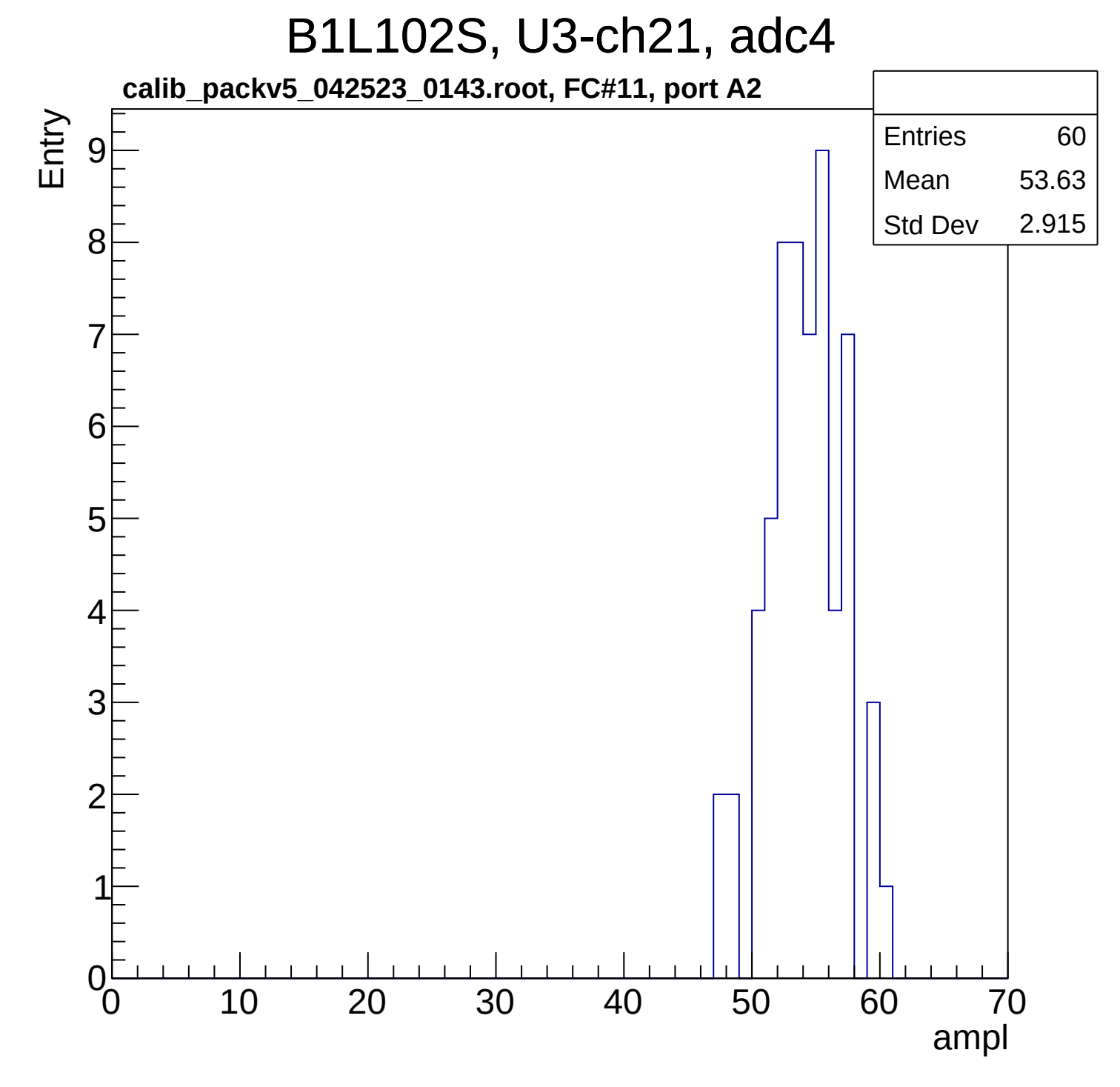

B1L102S, U3-ch20, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 41
Std Dev 28.99
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

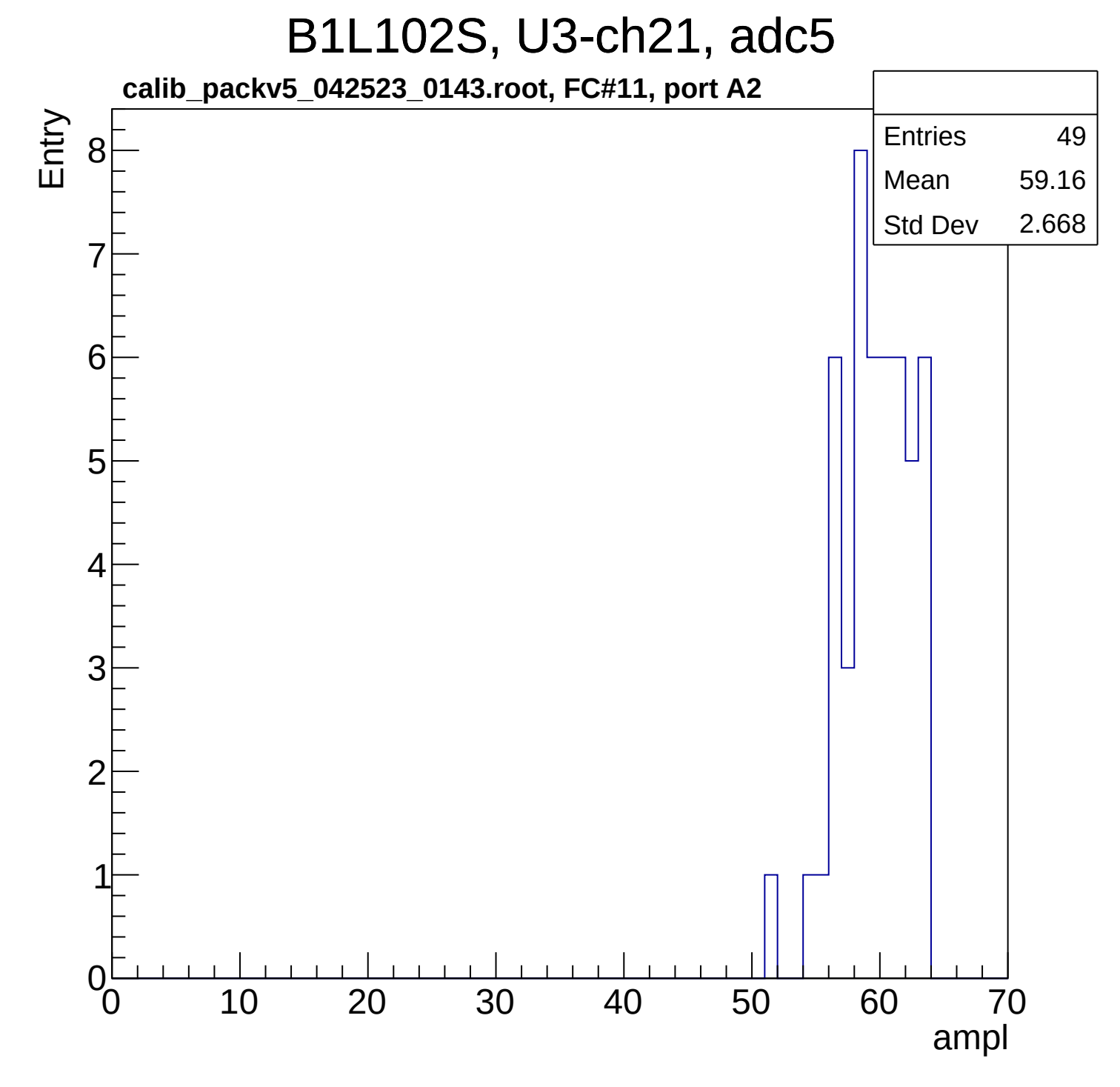

B1L102S, U3-ch21, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 26.53
Std Dev 4.522
Gaus mean : 27.5606
Gaus Width: 2.9743
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch21, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 35.25
Std Dev 3.447
Gaus mean : 35.7495
Gaus Width: 3.7330
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch21, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 40.84
Std Dev 3.307
Gaus mean : 41.1332
Gaus Width: 4.6359
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch21, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 47.19
Std Dev 3.304
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch21, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 53.63
Std Dev 2.915
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch21, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 59.16
Std Dev 2.668
Entry
ampl
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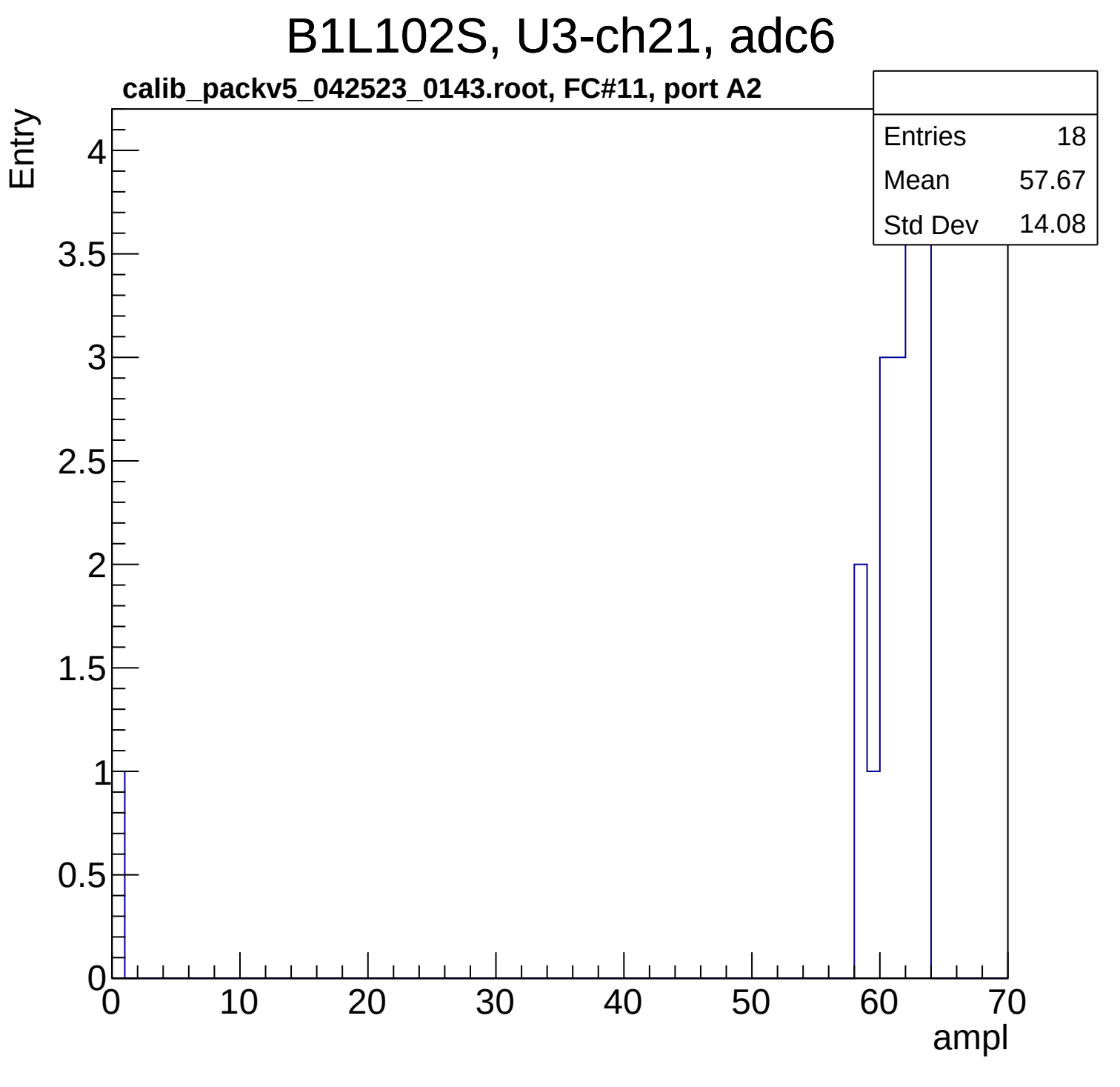
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch21, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 18
Mean 57.67
Std Dev 14.08
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
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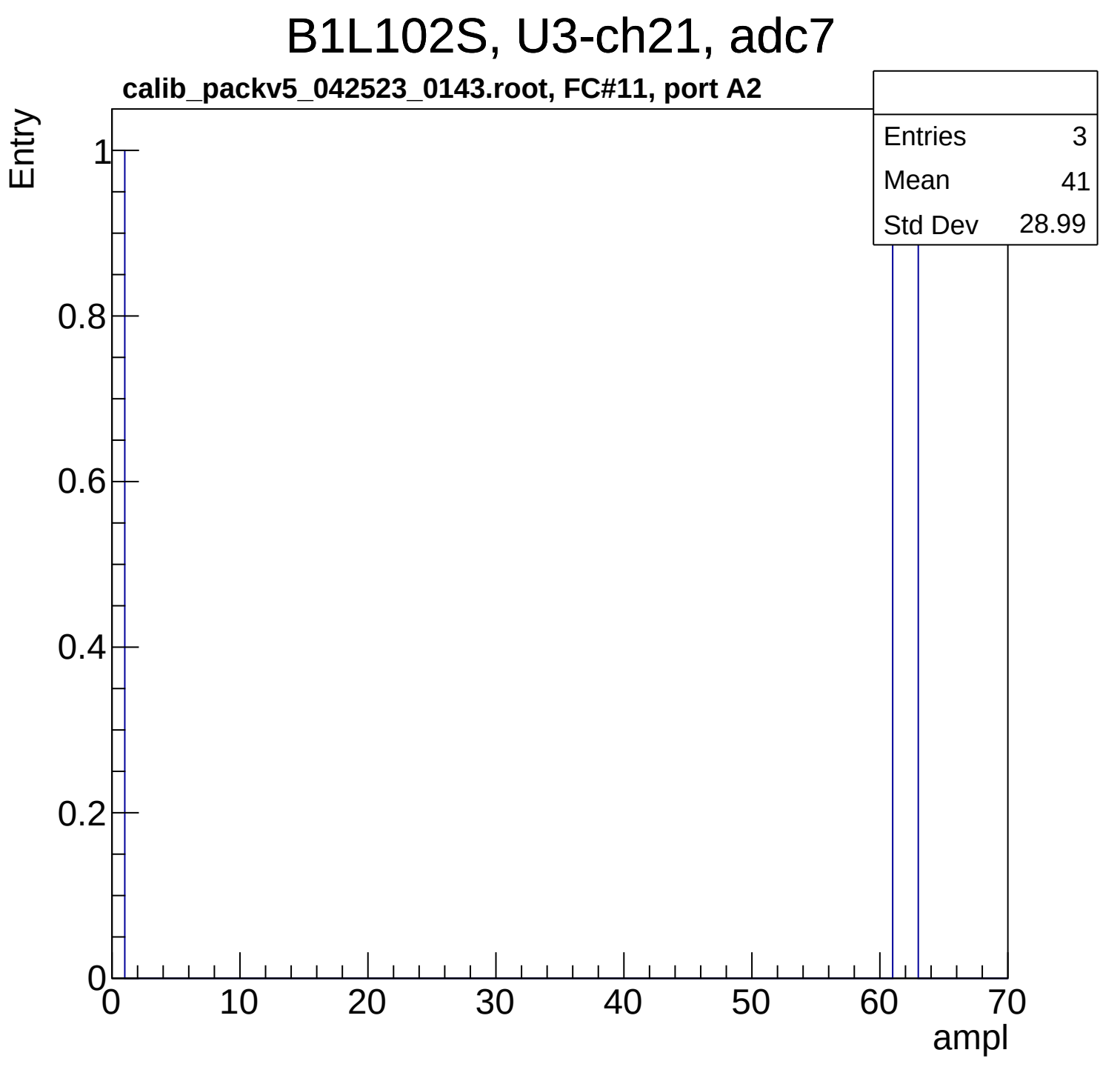
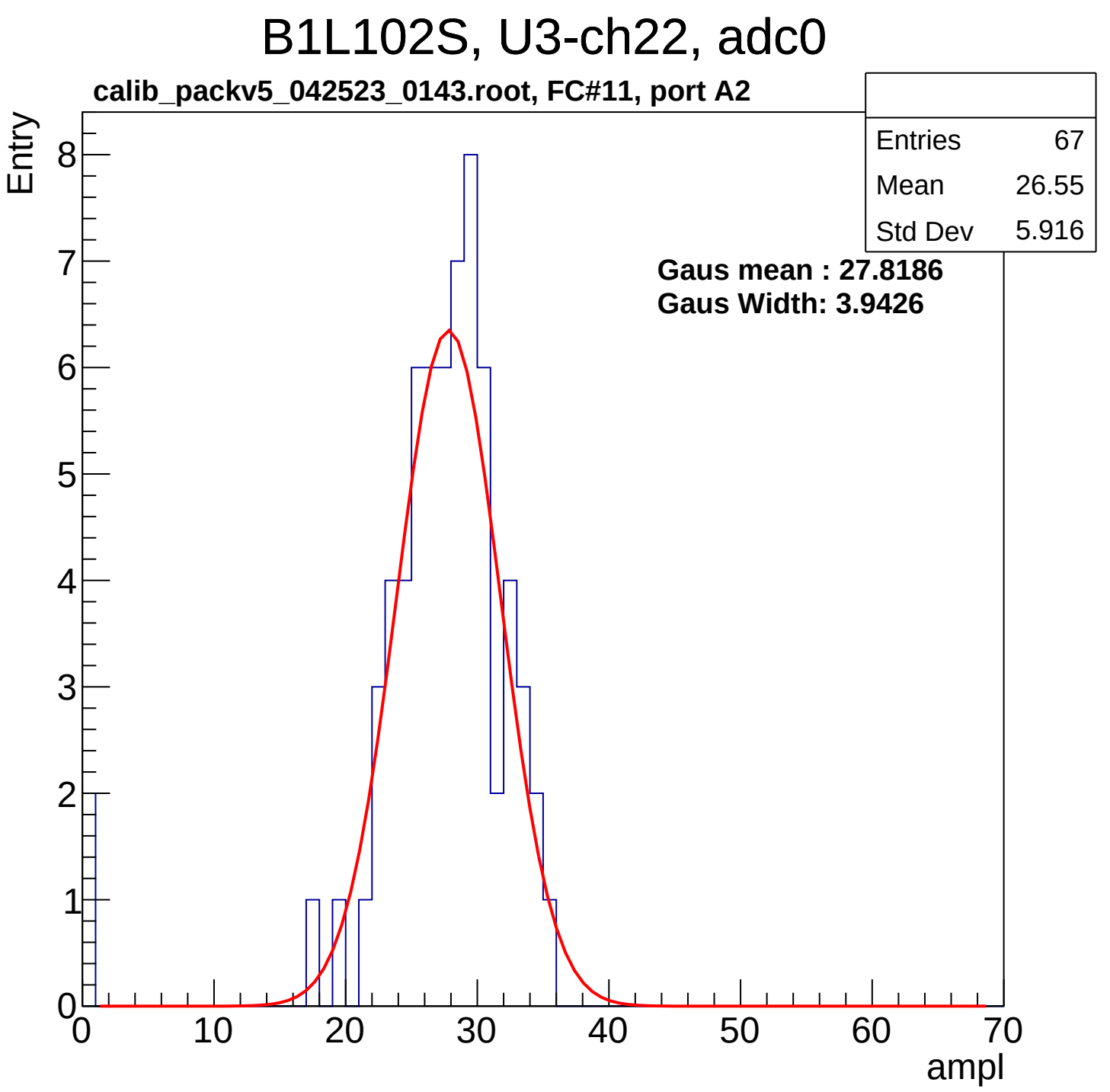
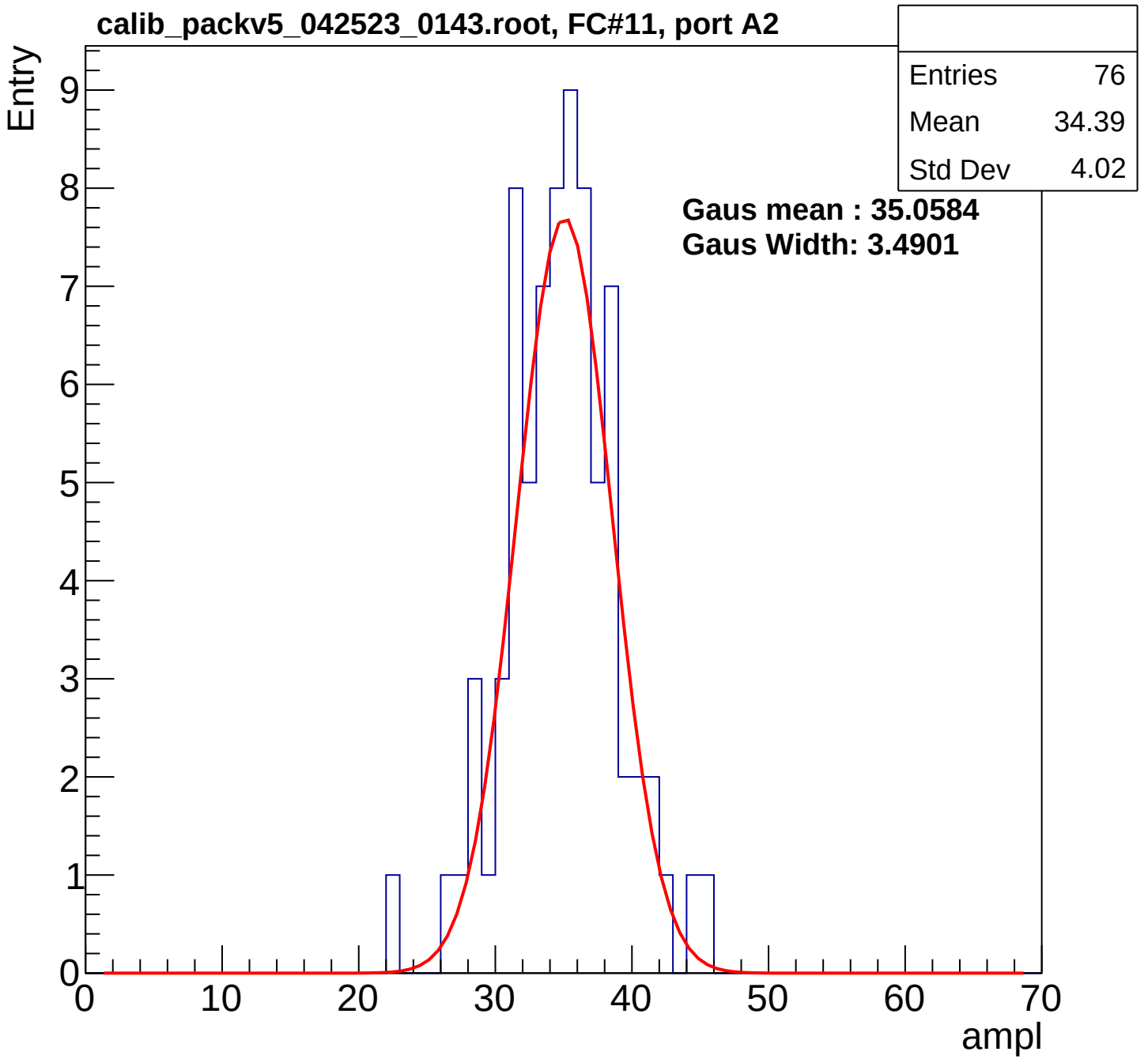
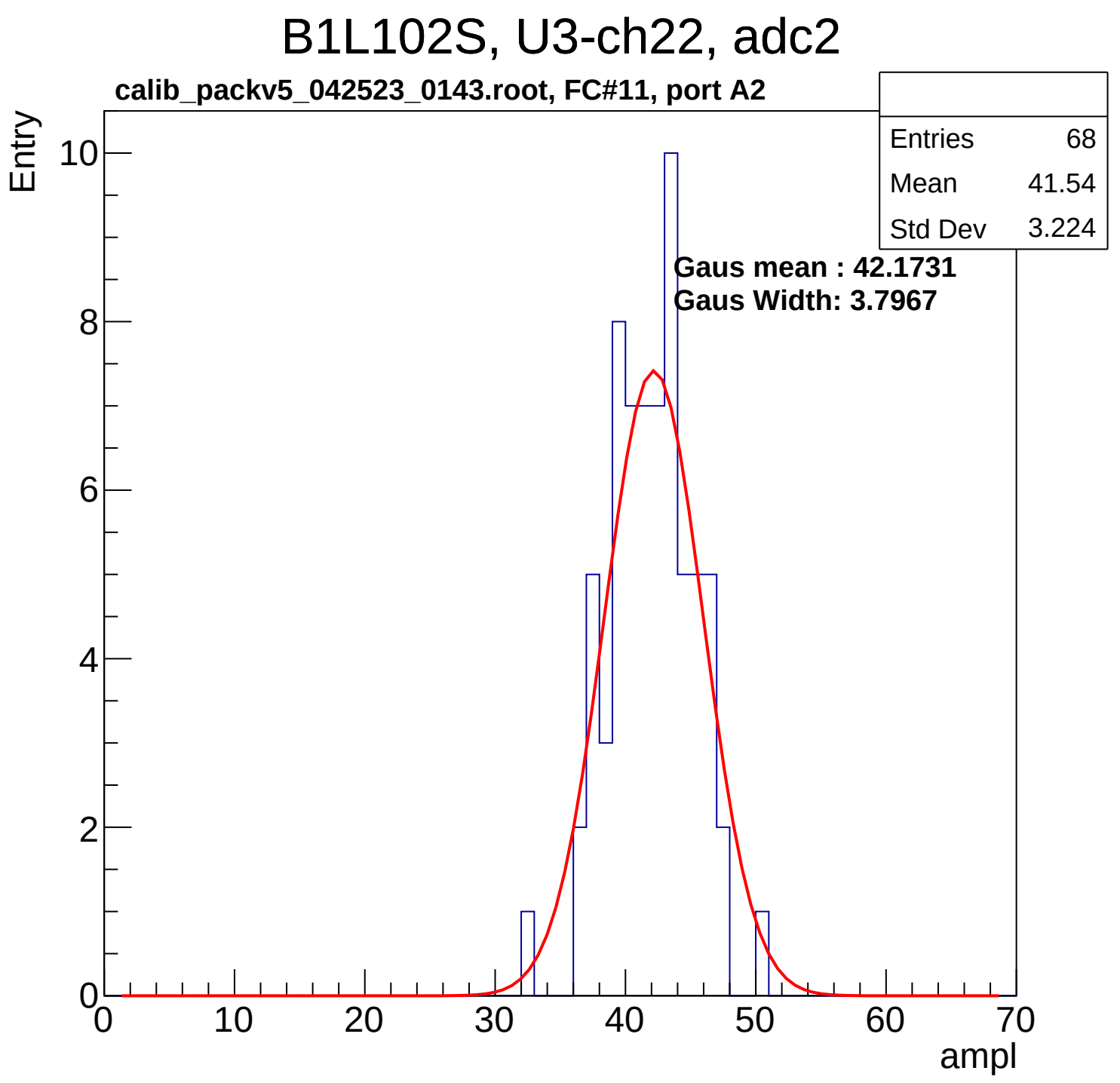
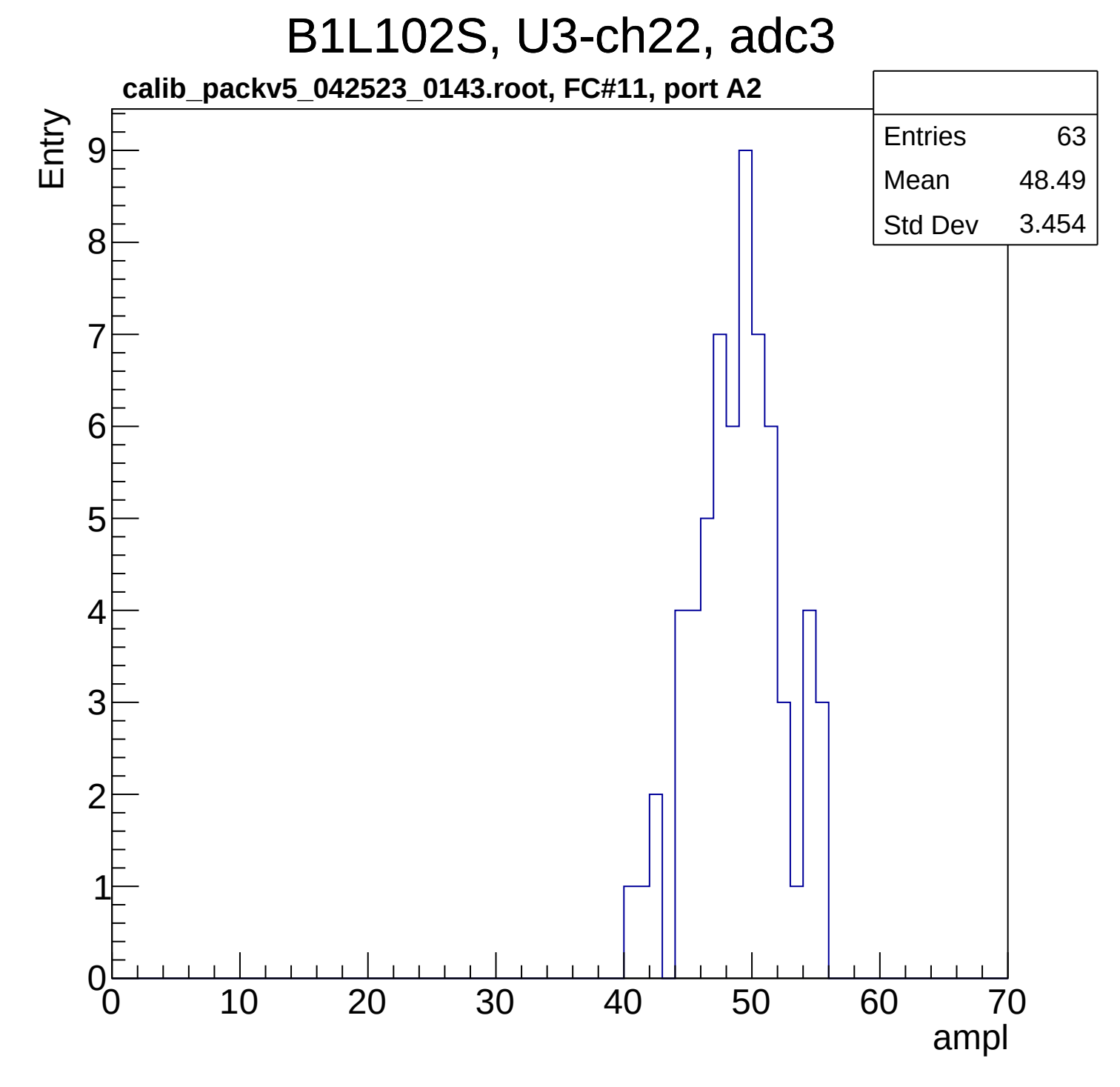
60
70


B1L102S, U3-ch21, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 41
Std Dev 28.99
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch22, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 26.55
Std Dev 5.916
Gaus mean : 27.8186
Gaus Width: 3.9426
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch22, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 34.39
Std Dev 4.02
Gaus mean : 35.0584
Gaus Width: 3.4901
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch22, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 41.54
Std Dev 3.224
Gaus mean : 42.1731
Gaus Width: 3.7967
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch22, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.49
Std Dev 3.454
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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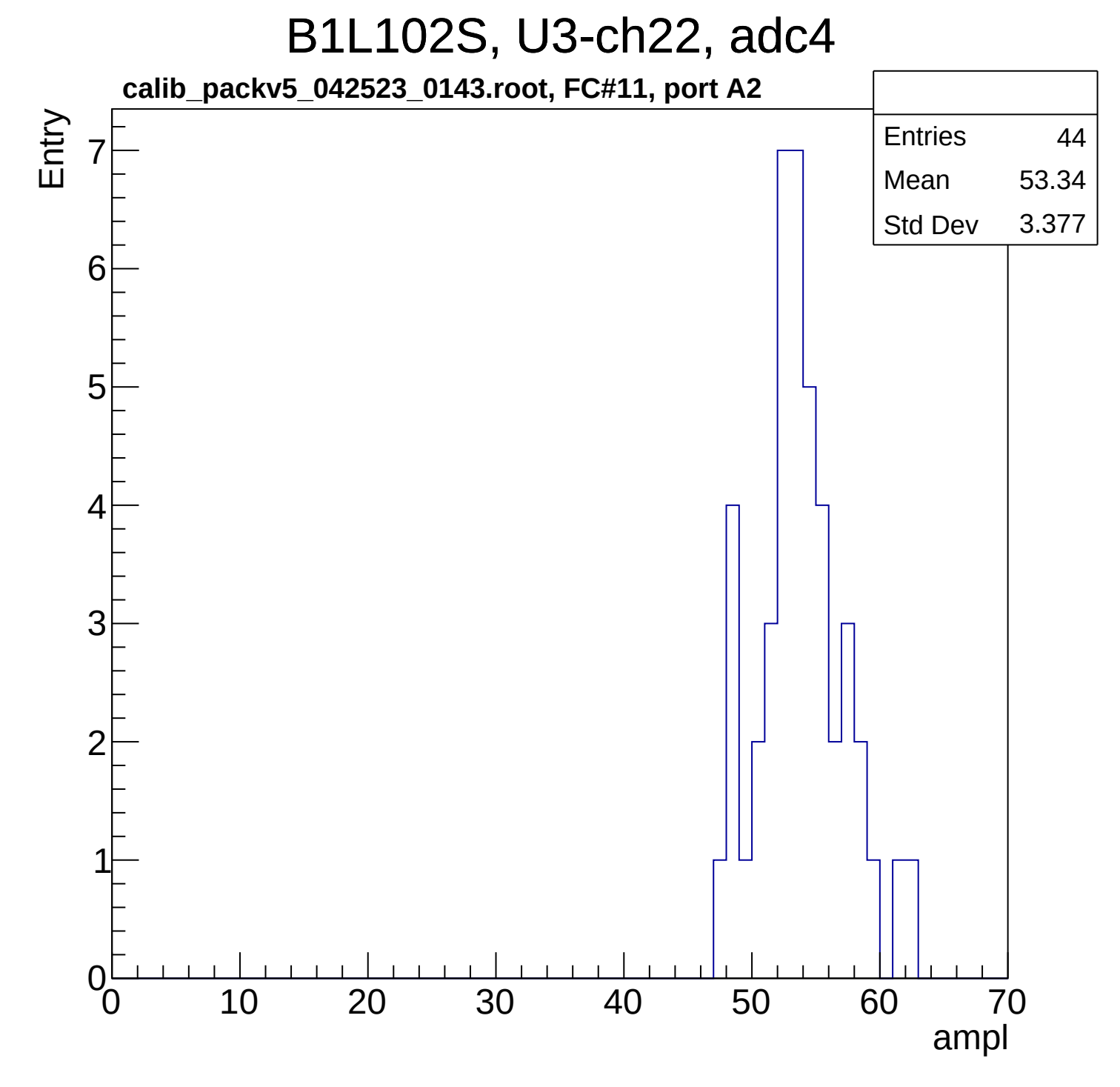
20
30
40
50
60
70


B1L102S, U3-ch22, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 53.34
Std Dev 3.377
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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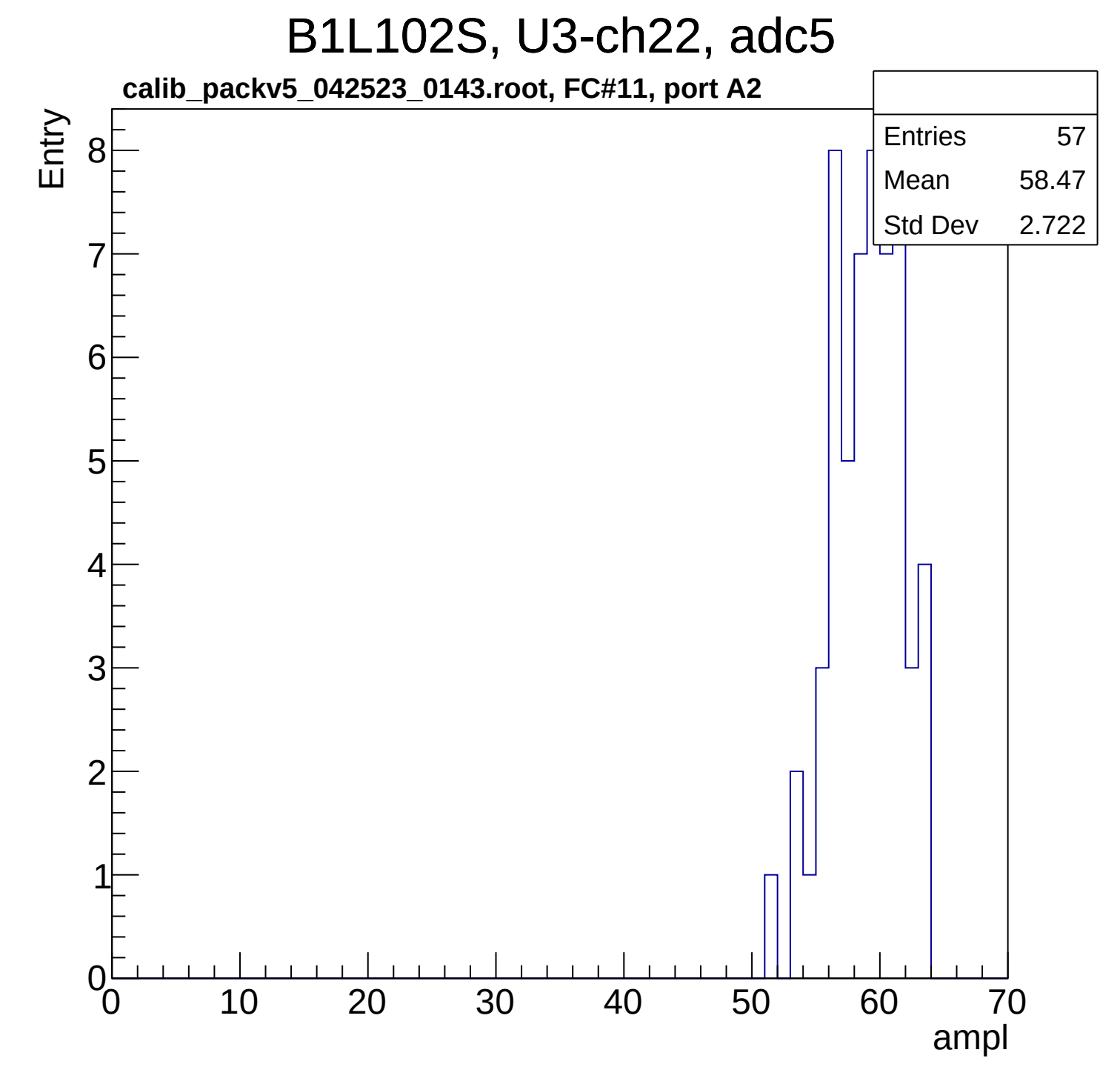
B1L102S, U3-ch22, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 58.47
Std Dev 2.722
Entry
ampl
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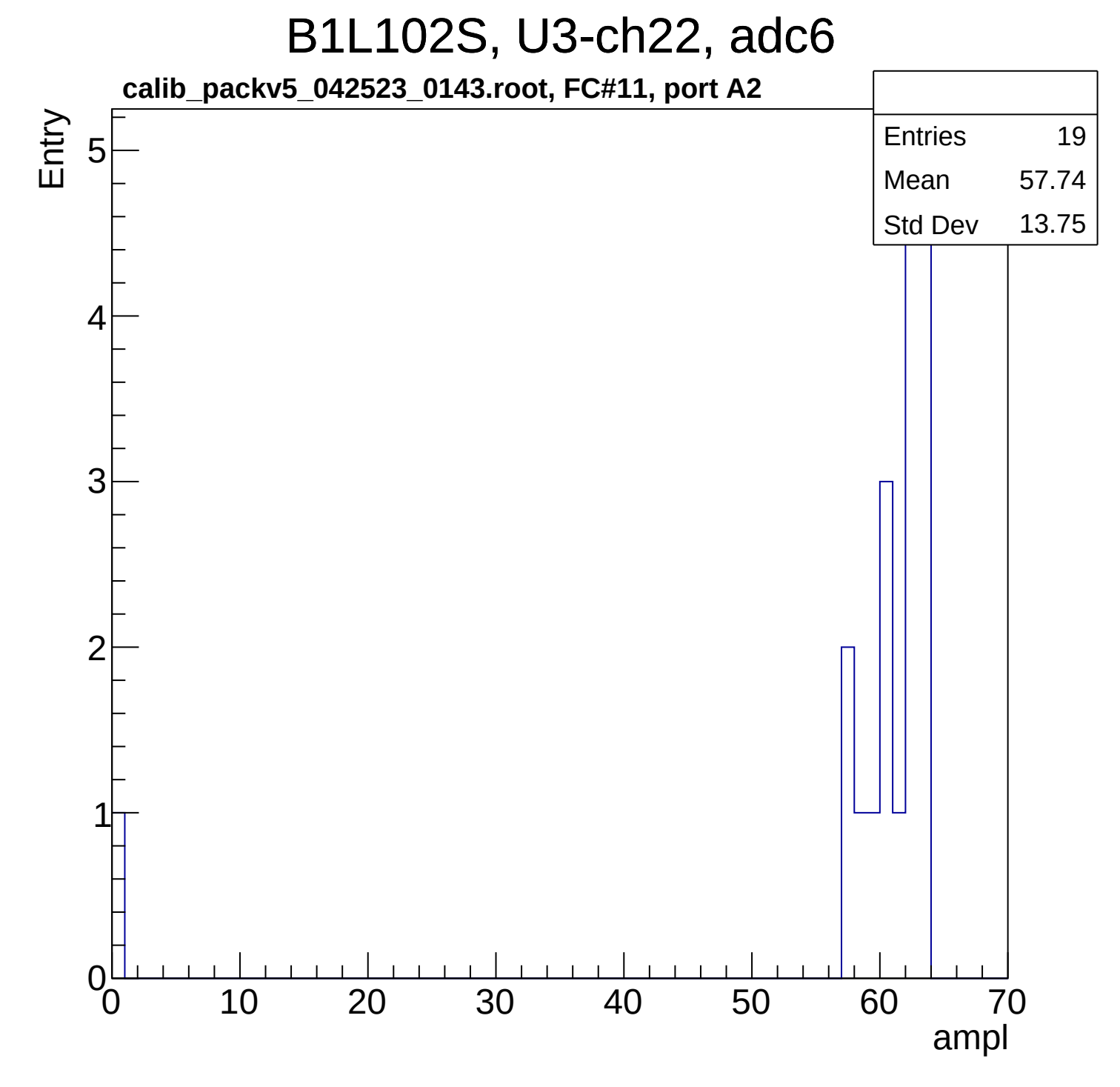
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch22, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 19
Mean 57.74
Std Dev 13.75
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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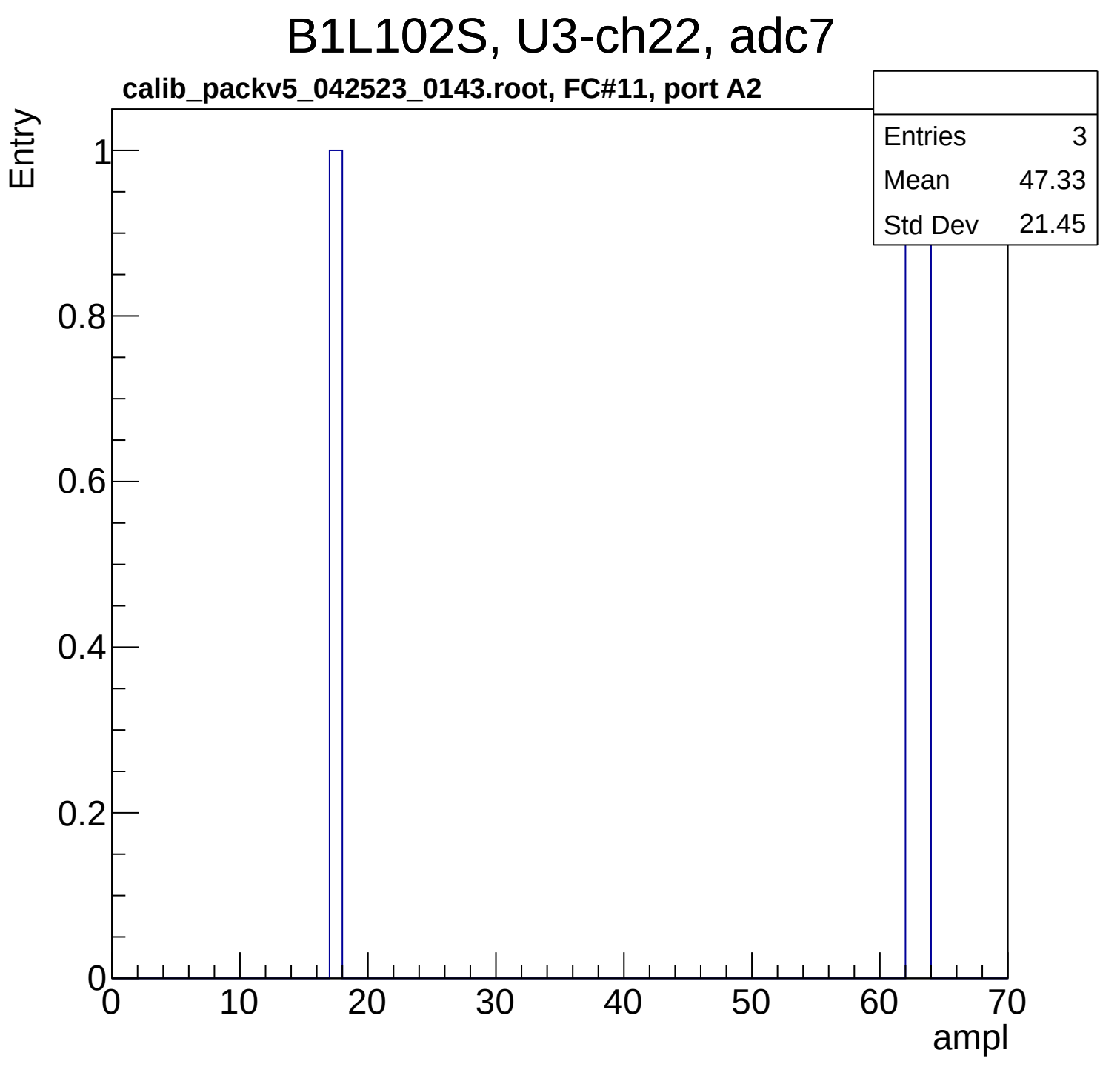
B1L102S, U3-ch22, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 47.33
Std Dev 21.45
Entry
ampl
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0.2
0.4
0.6
0.8
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0
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40
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60
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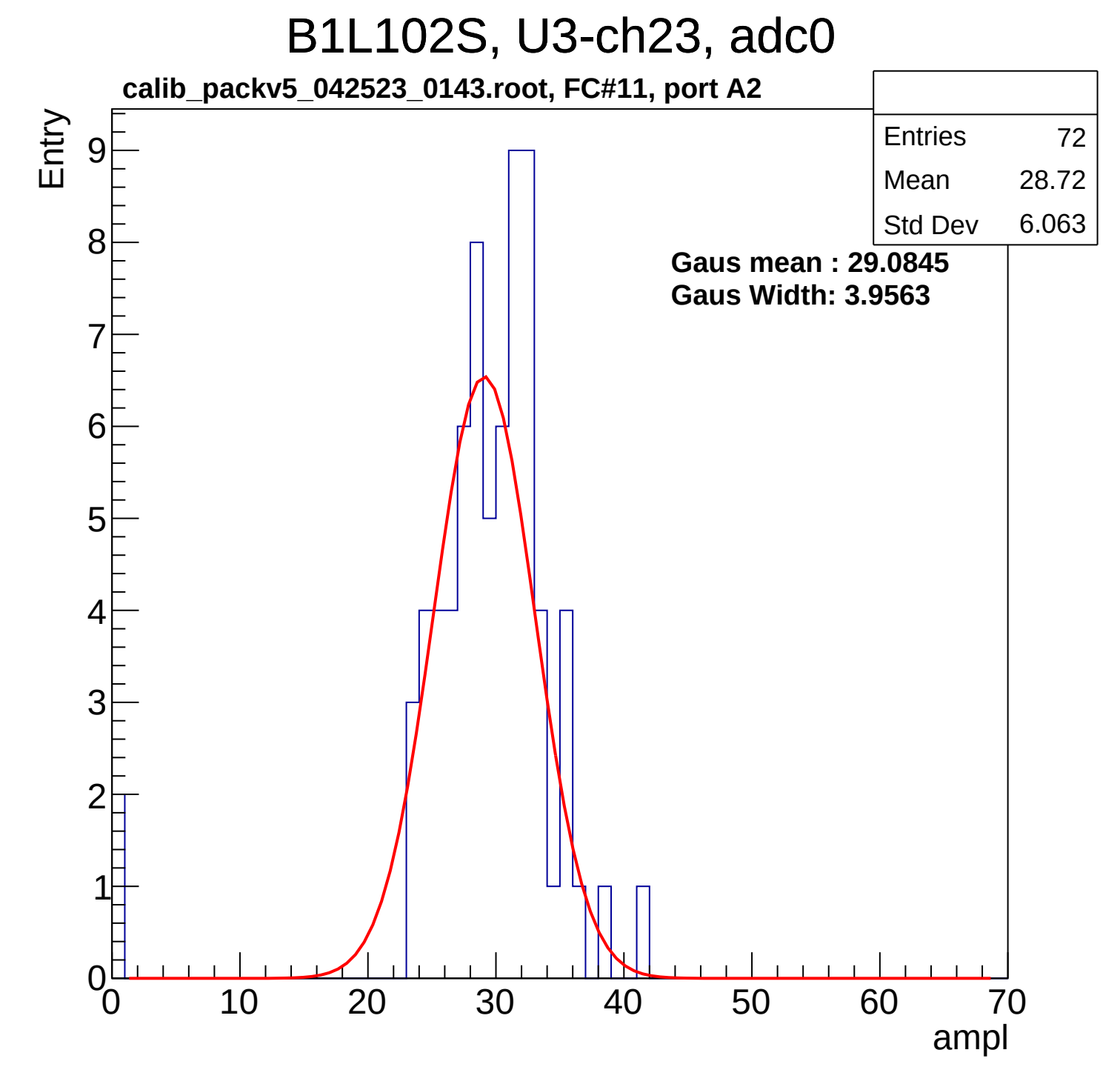
B1L102S, U3-ch23, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 28.72
Std Dev 6.063
Gaus mean : 29.0845
Gaus Width: 3.9563
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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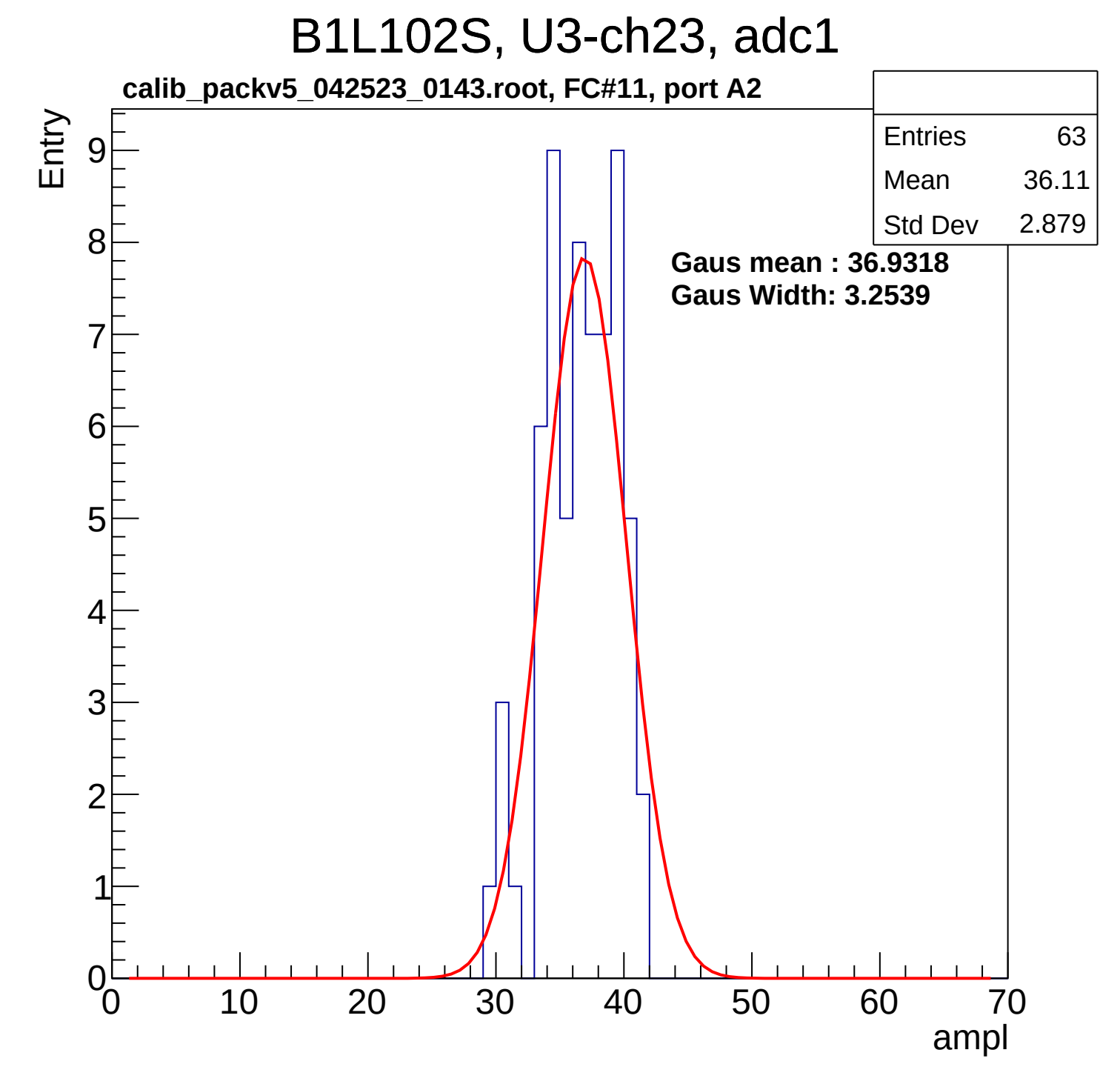
B1L102S, U3-ch23, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 36.11
Std Dev 2.879
Gaus mean : 36.9318
Gaus Width: 3.2539
Entry
ampl
0
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2
3
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5
6
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8
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0
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40
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60
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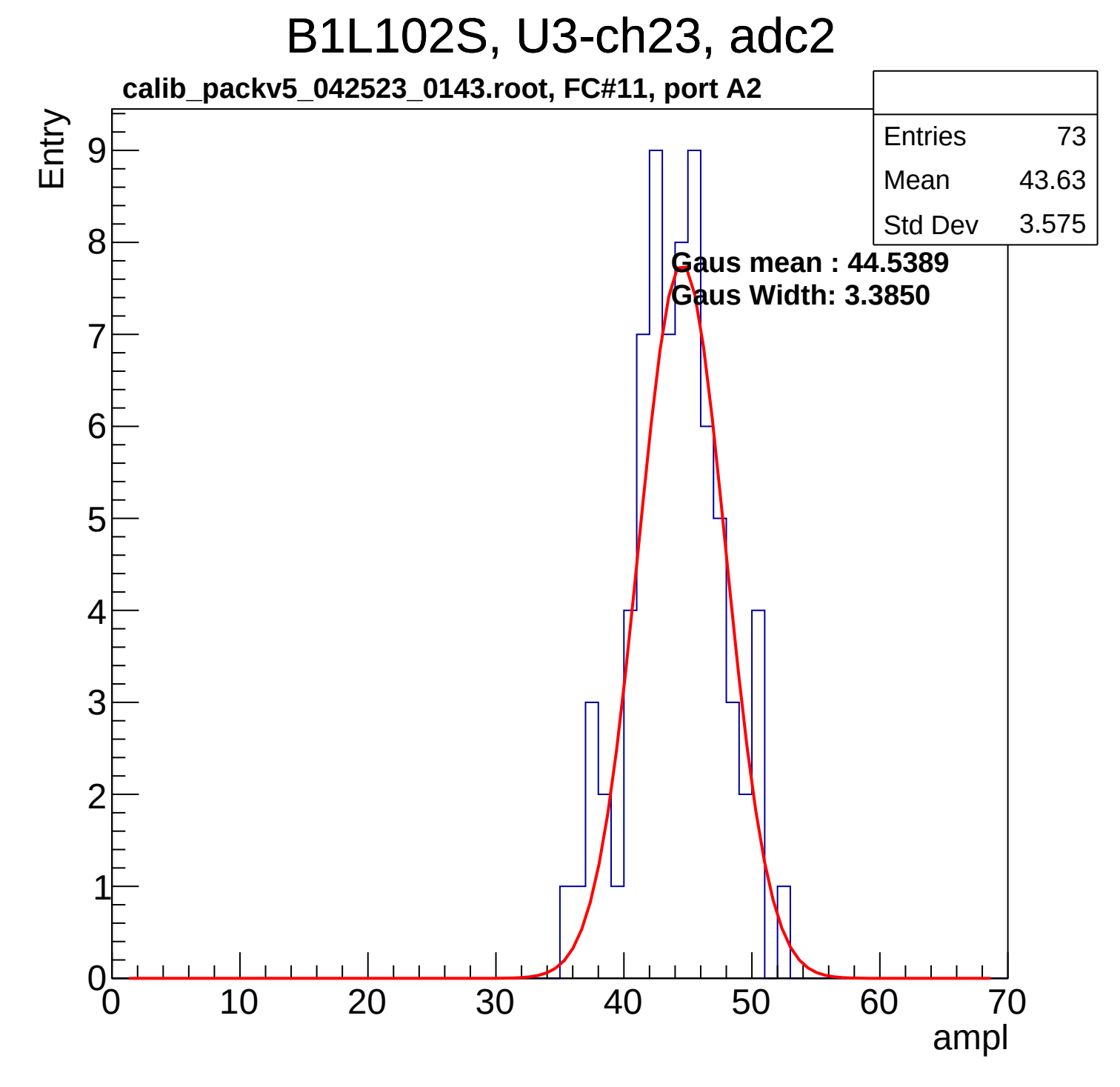
B1L102S, U3-ch23, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 43.63
Std Dev 3.575
Gaus mean : 44.5389
Gaus Width: 3.3850
Entry
ampl
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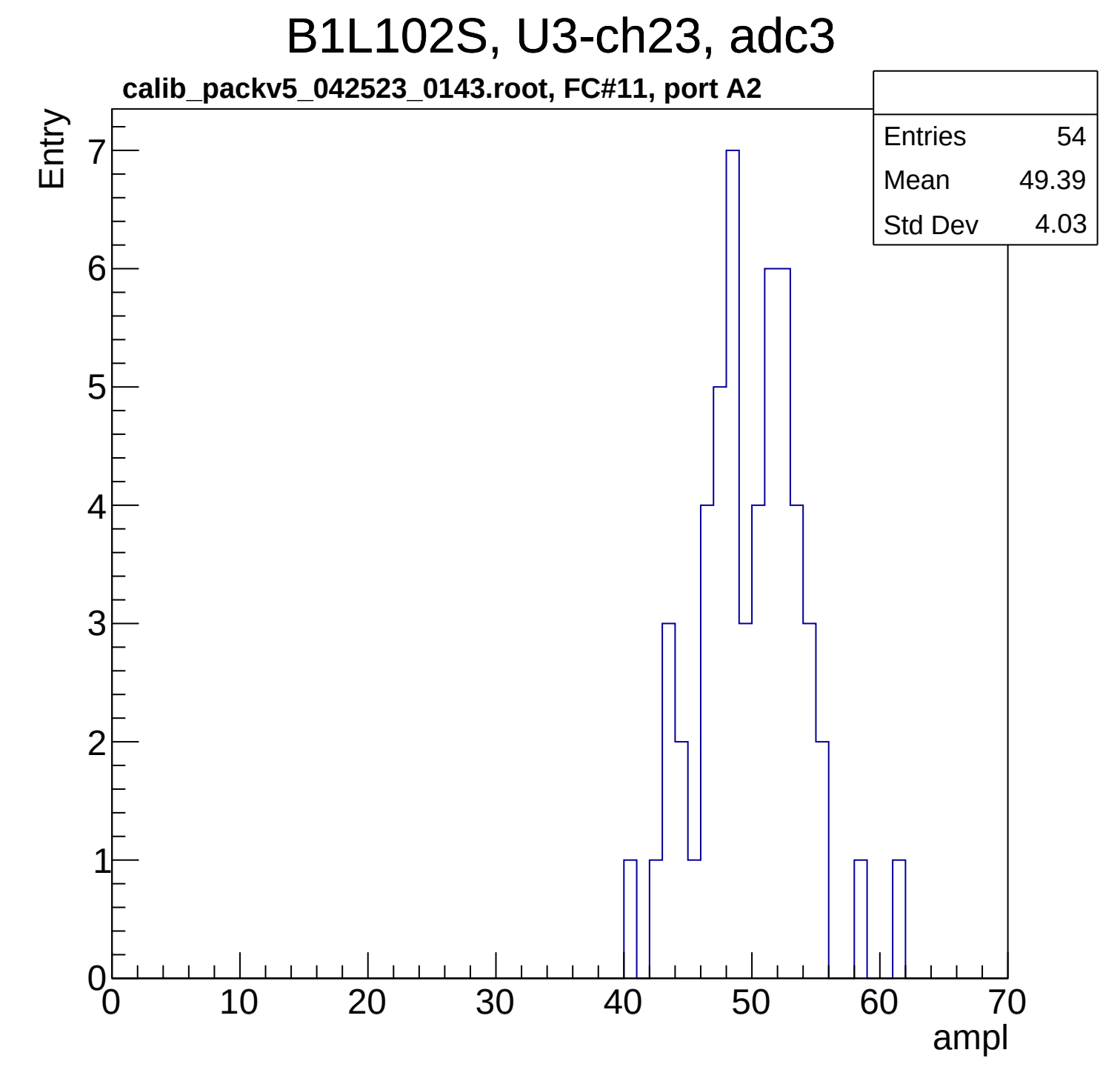
B1L102S, U3-ch23, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 49.39
Std Dev 4.03
Entry
ampl
0
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4
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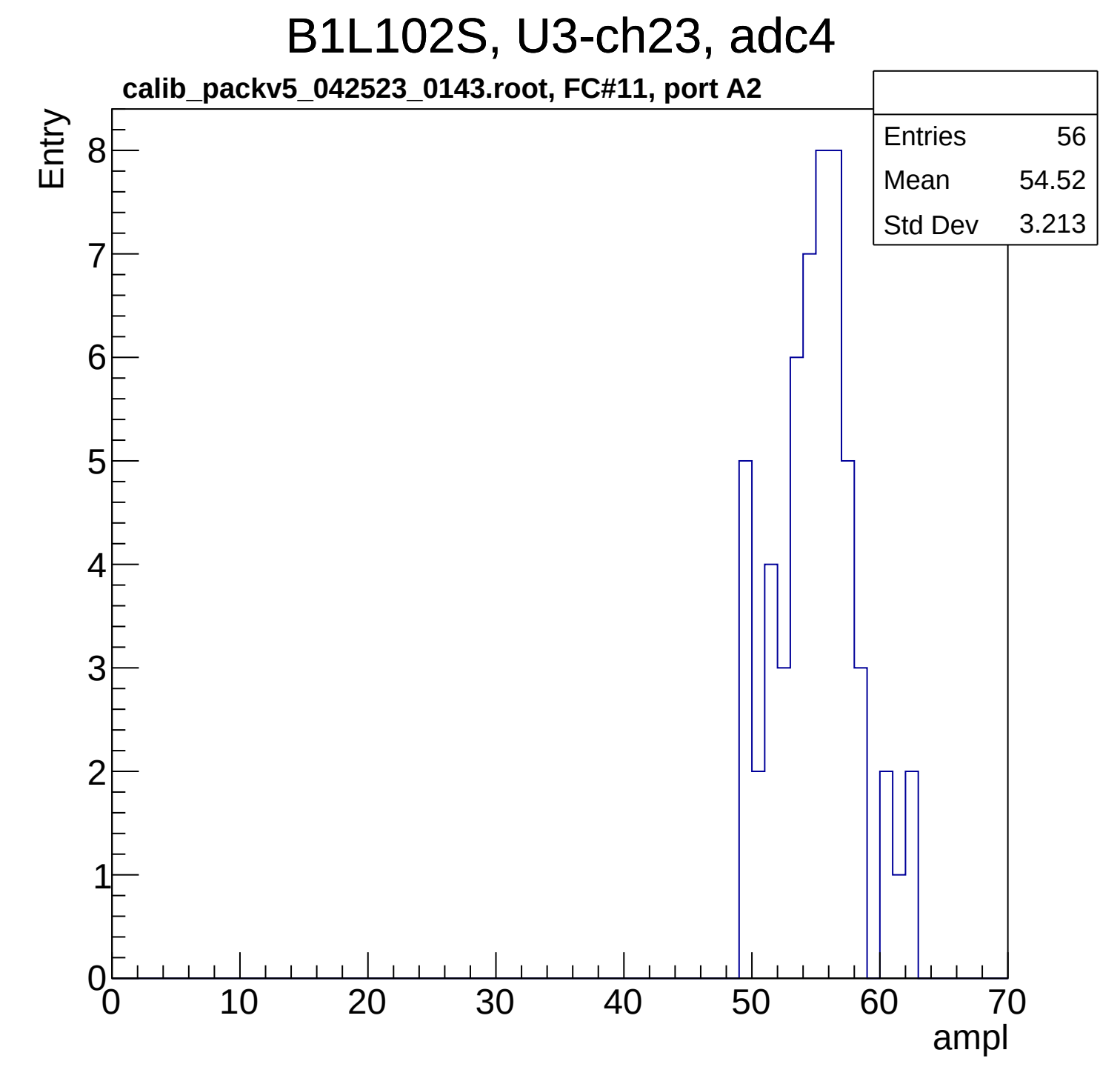
B1L102S, U3-ch23, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 54.52
Std Dev 3.213
Entry
0
1
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3
4
5
6
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8
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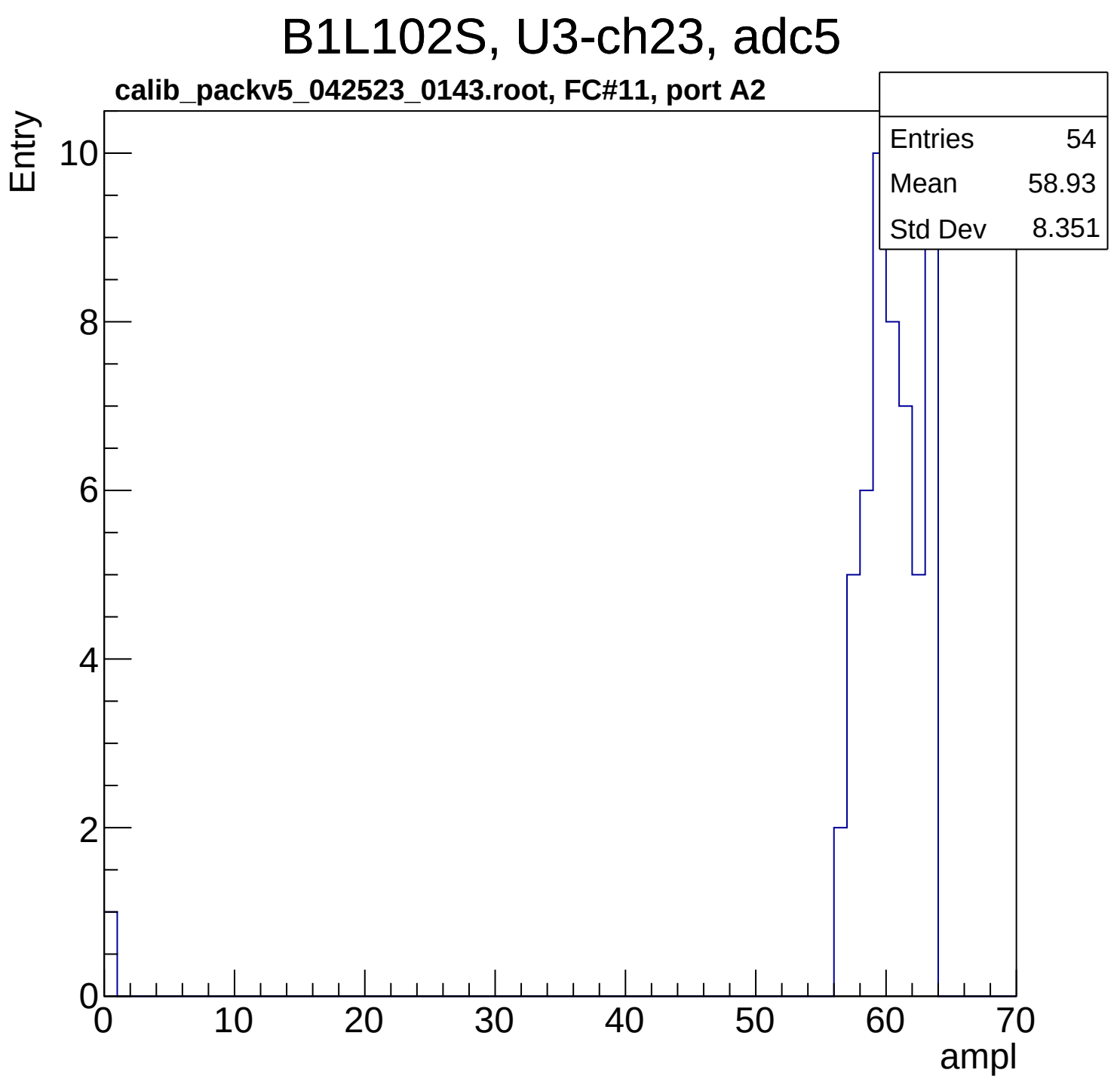
70
ampl


B1L102S, U3-ch23, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.93
Std Dev 8.351
Entry
ampl
0
2
4
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0
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40
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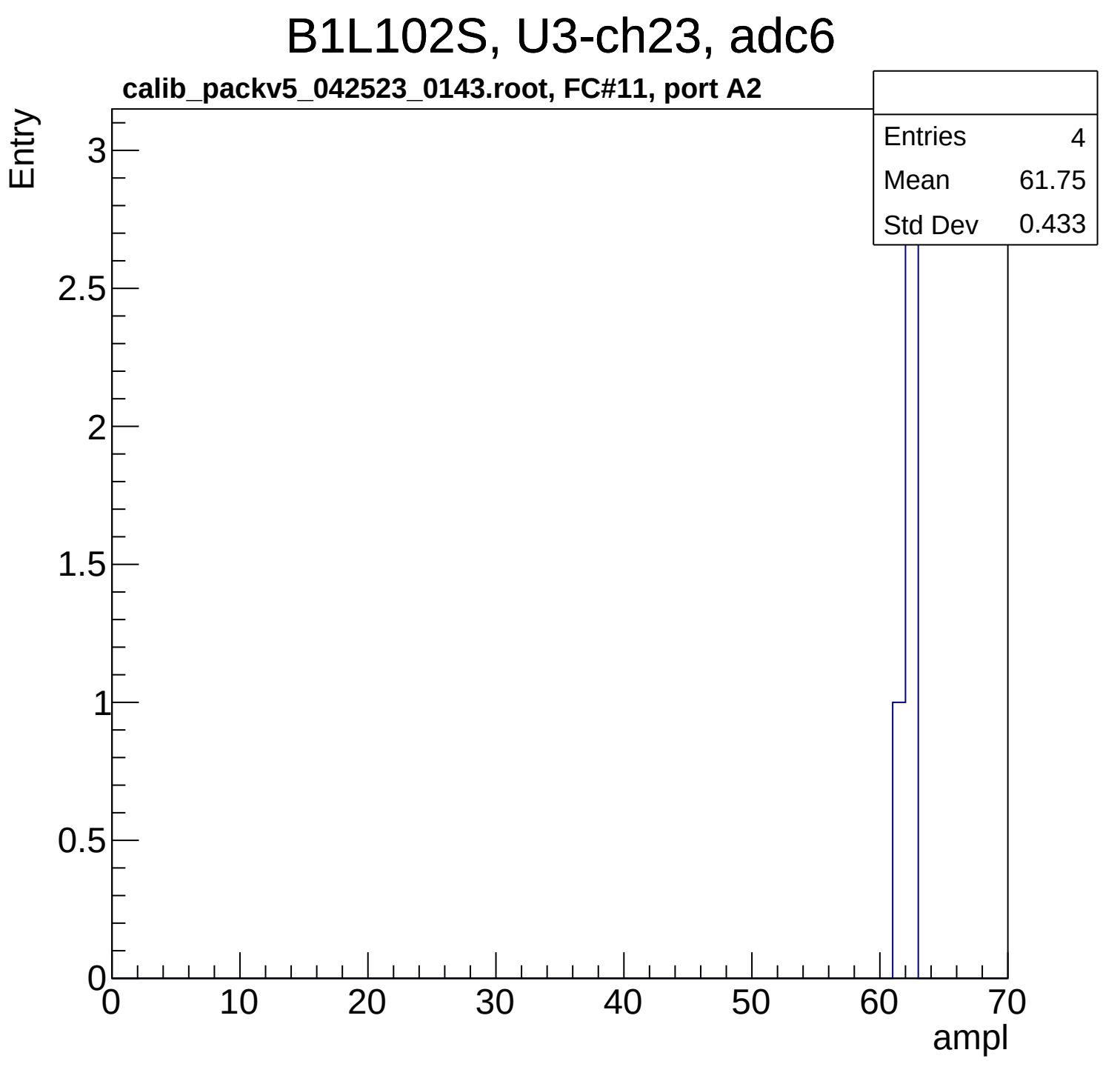
B1L102S, U3-ch23, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 61.75
Std Dev 0.433
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
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40
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60
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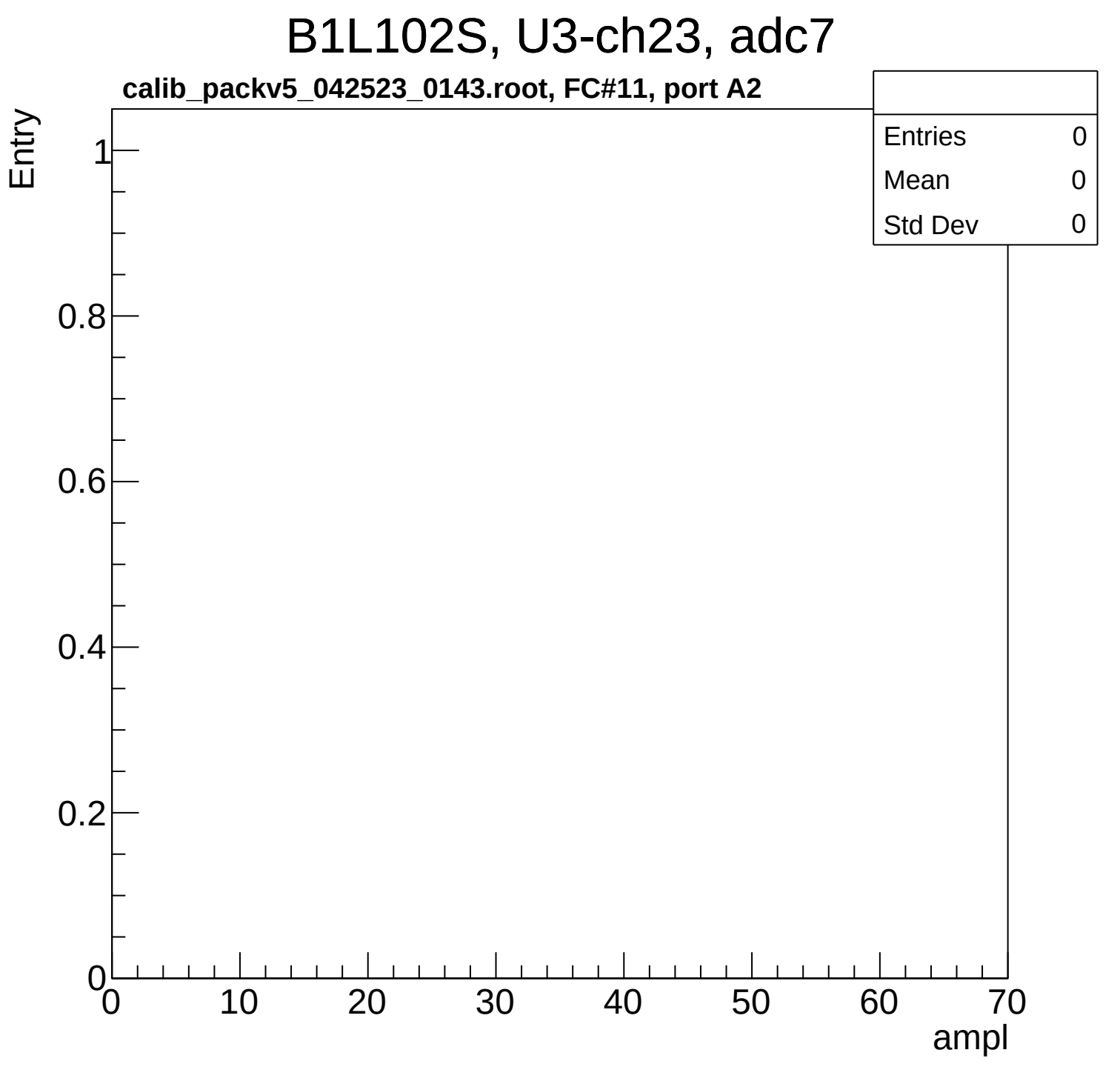
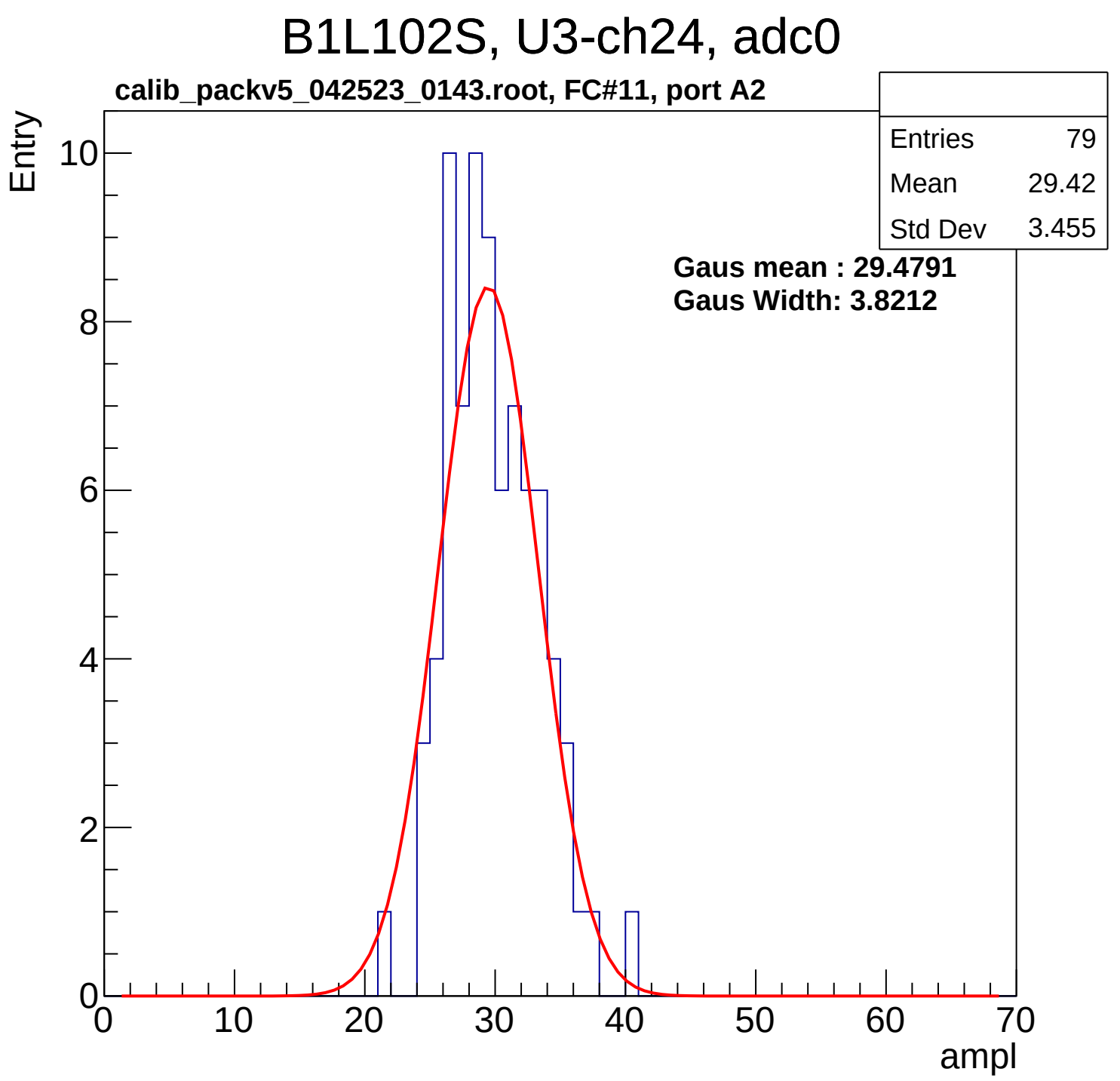

B1L102S, U3-ch23, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch24, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 29.42
Std Dev 3.455
Gaus mean : 29.4791
Gaus Width: 3.8212
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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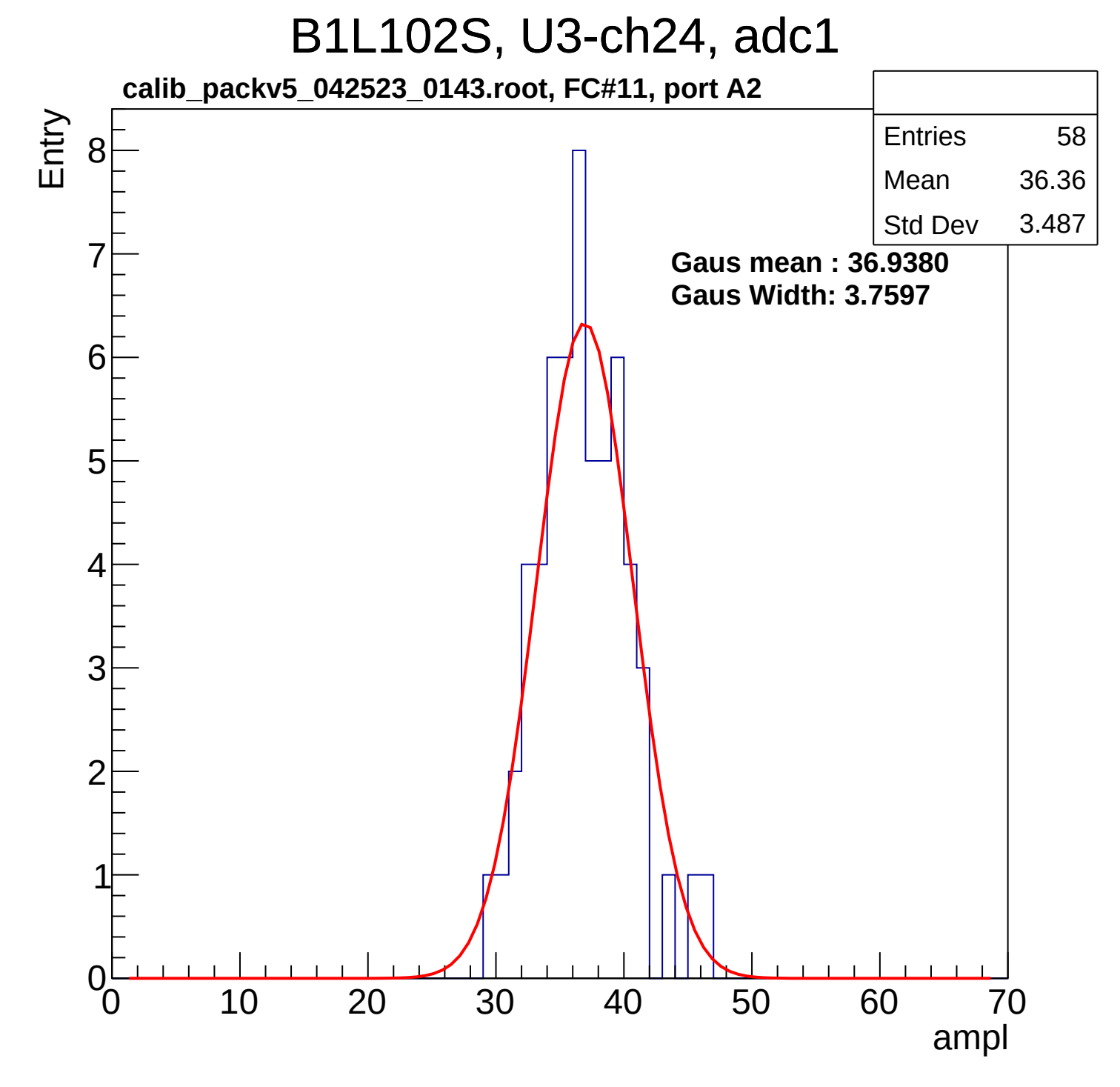
B1L102S, U3-ch24, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 36.36
Std Dev 3.487
Gaus mean : 36.9380
Gaus Width: 3.7597
Entry
ampl
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1
2
3
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5
6
7
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0
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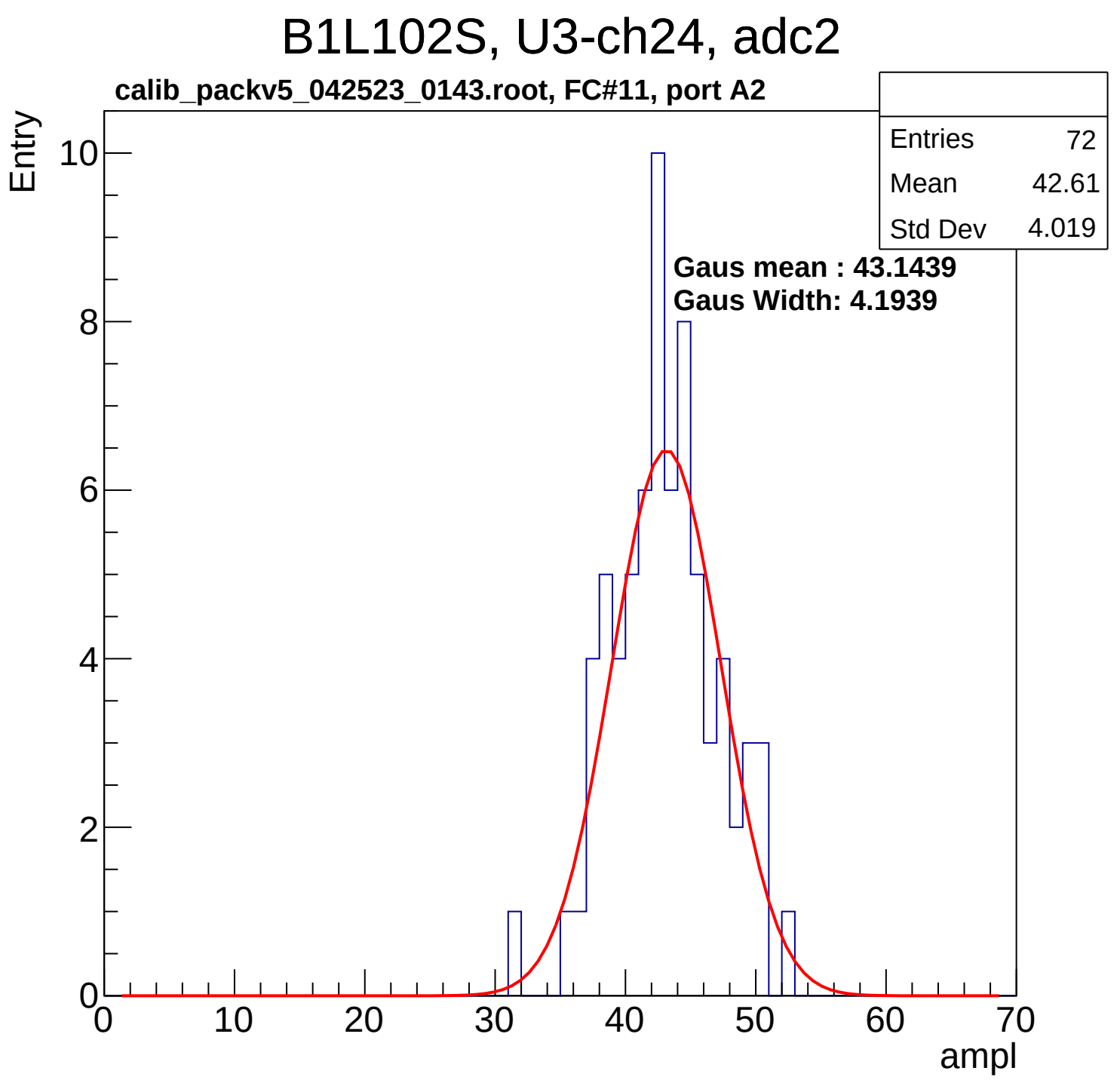
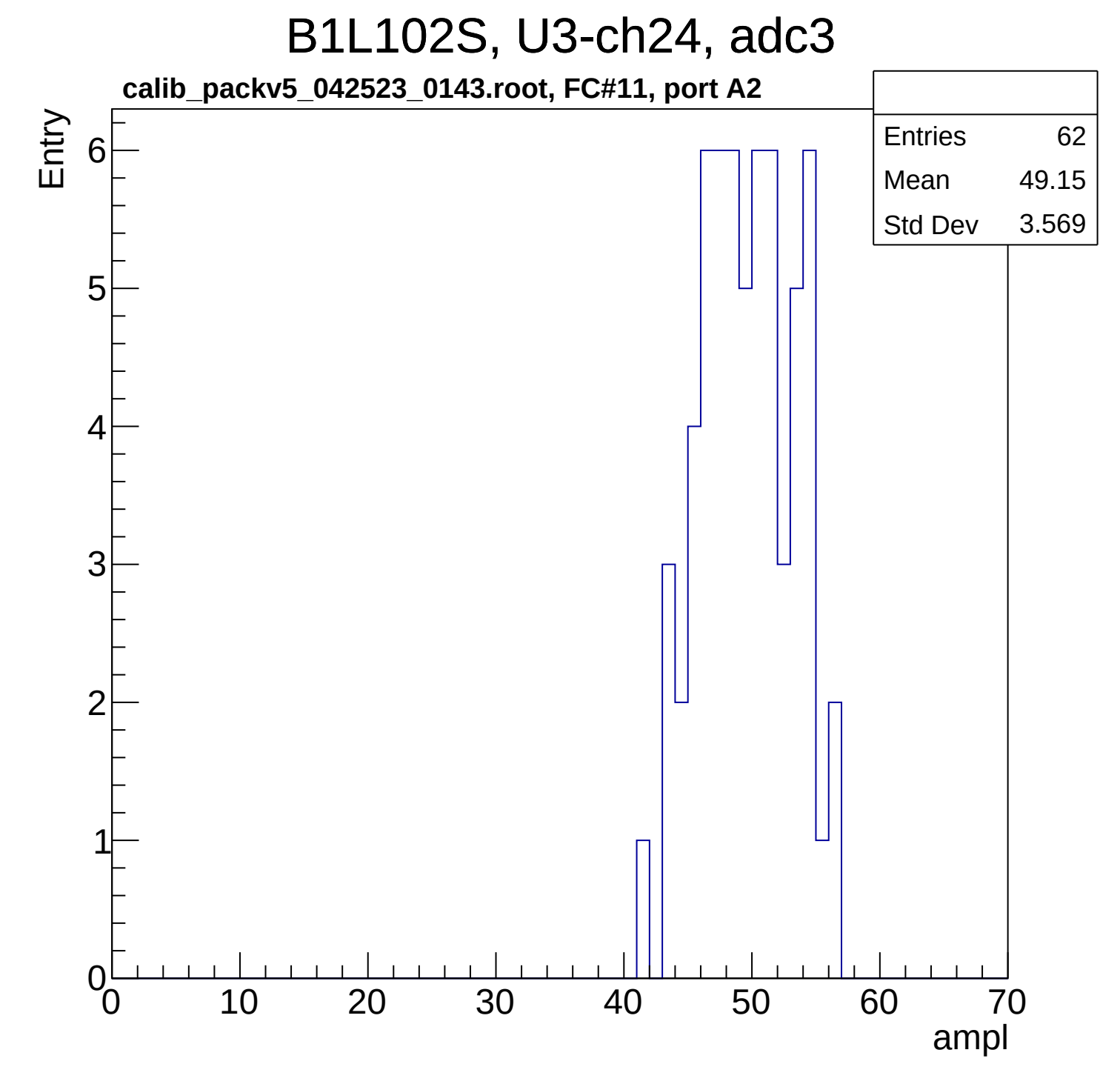
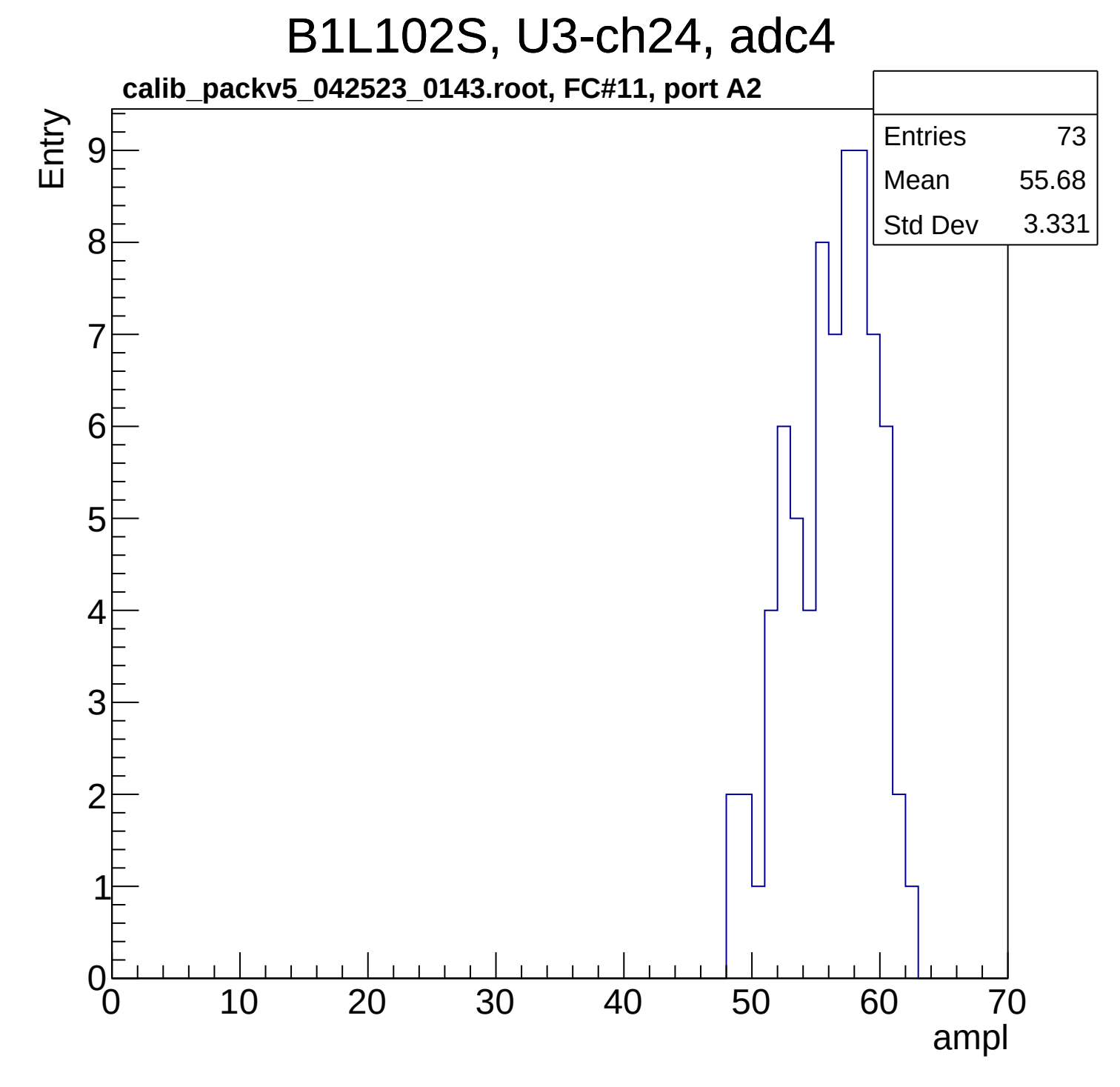

B1L102S, U3-ch24, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 42.61
Std Dev 4.019
Gaus mean : 43.1439
Gaus Width: 4.1939
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch24, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 49.15
Std Dev 3.569
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch24, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 55.68
Std Dev 3.331
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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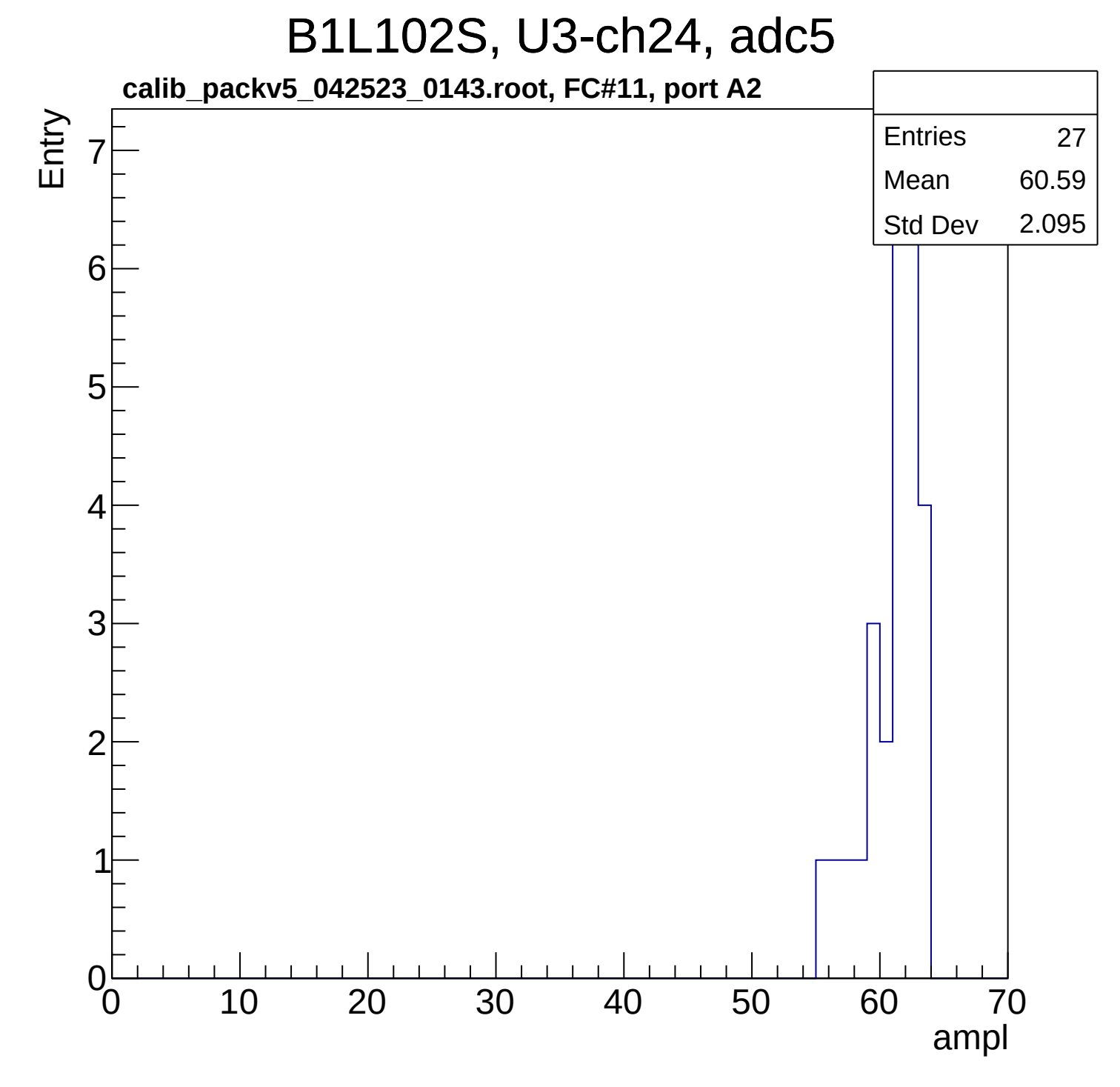
B1L102S, U3-ch24, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 27
Mean 60.59
Std Dev 2.095
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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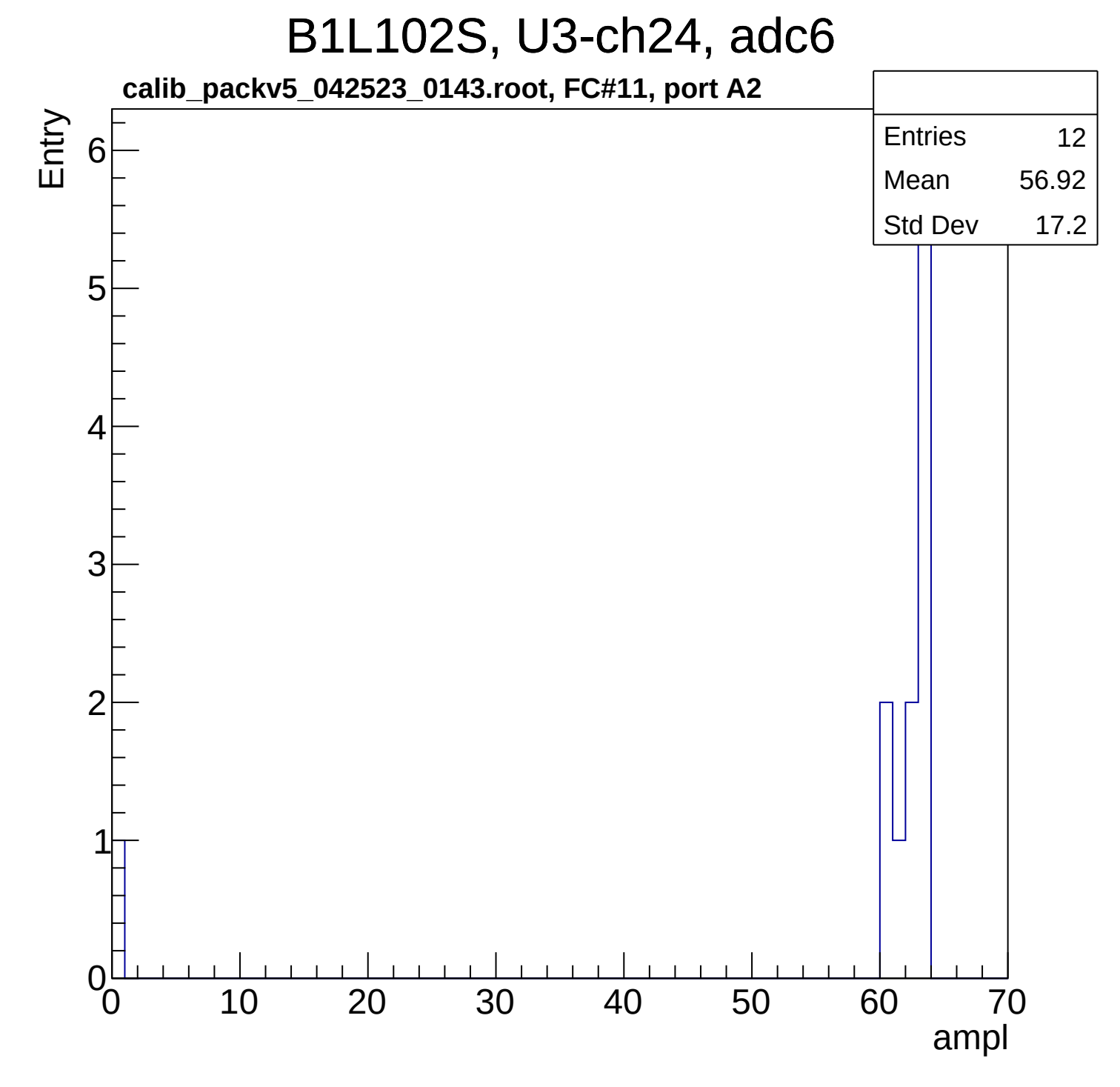
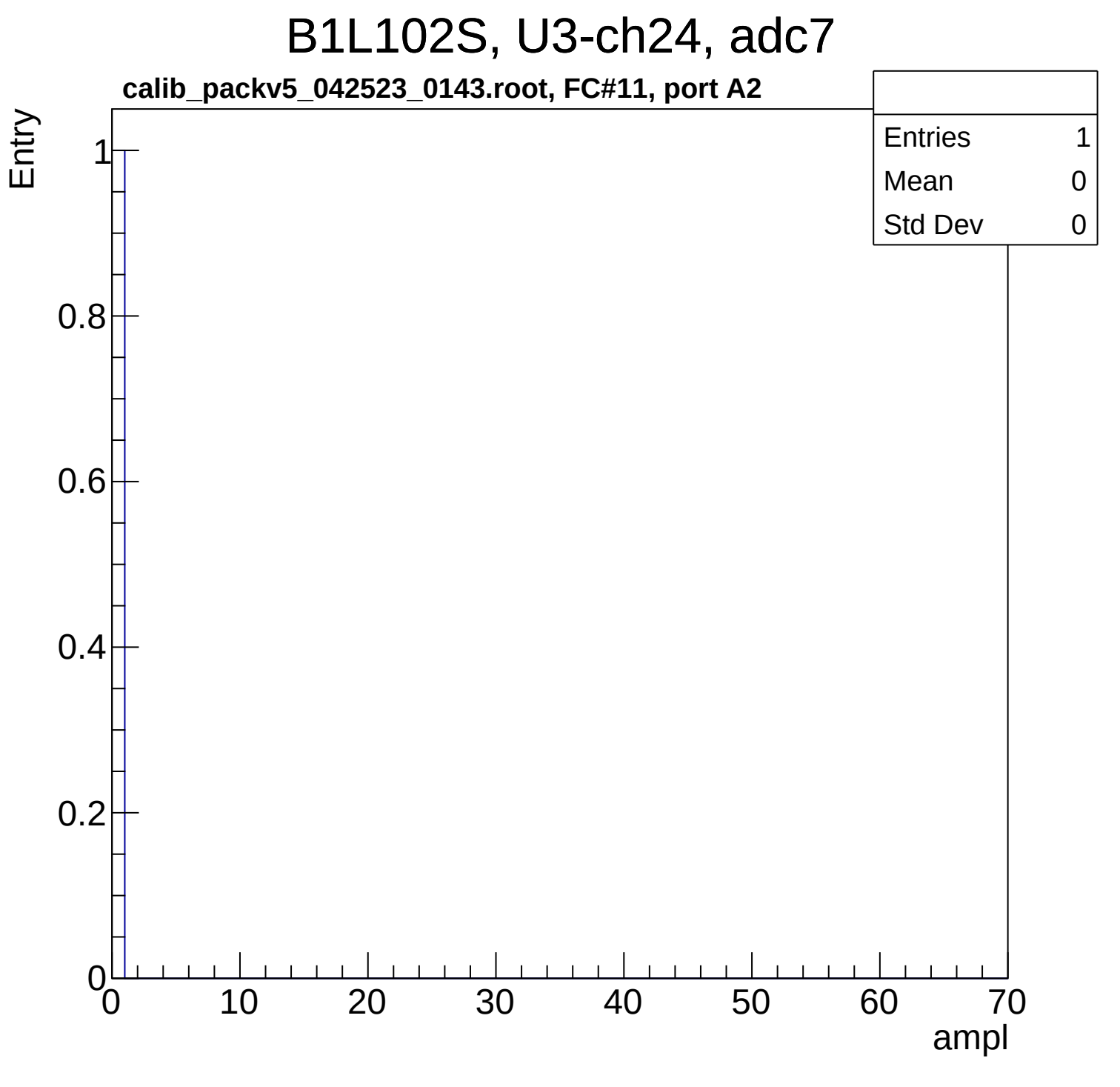

B1L102S, U3-ch24, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 56.92
Std Dev 17.2
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch24, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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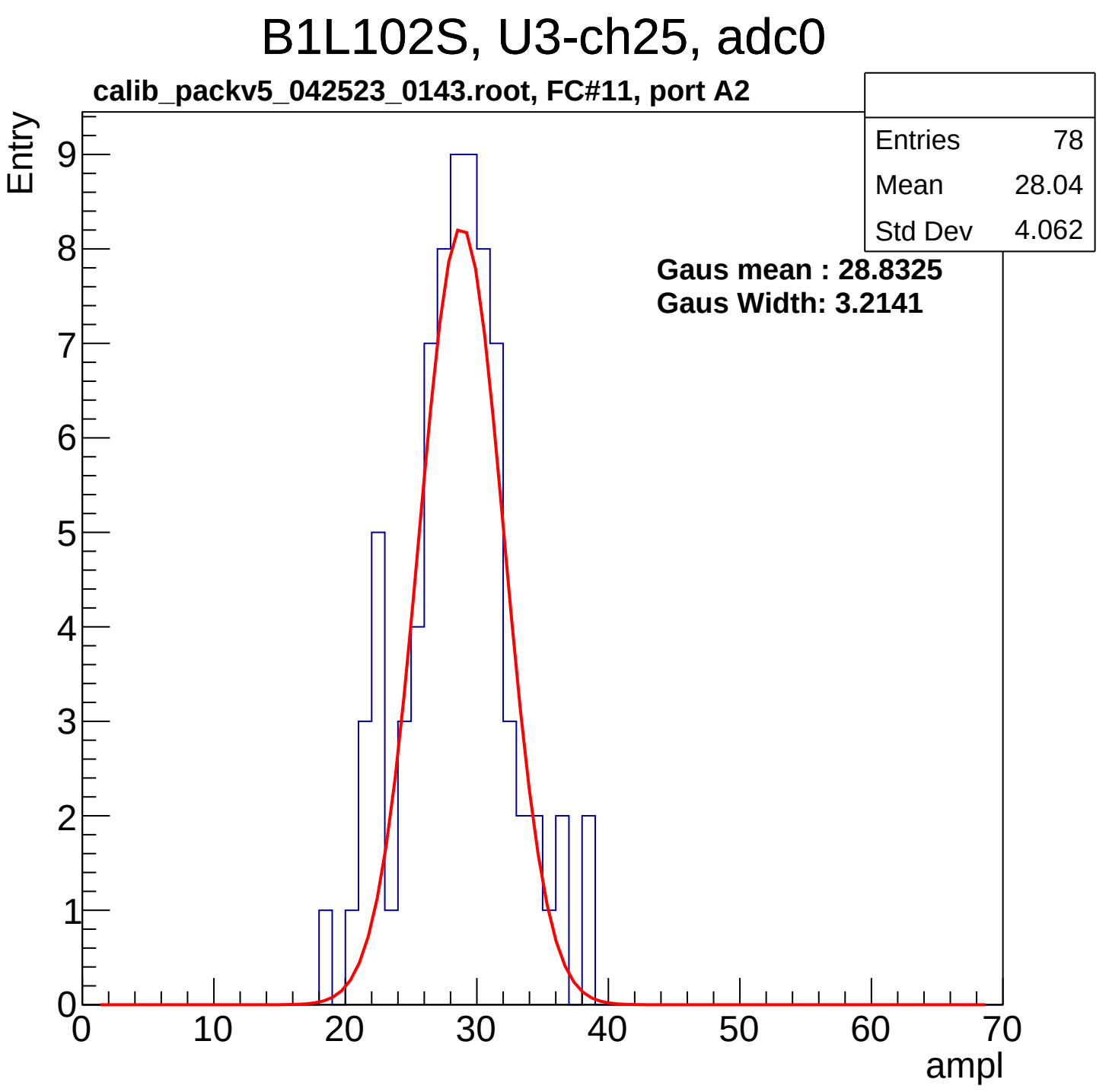
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch25, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 28.04
Std Dev 4.062
Gaus mean : 28.8325
Gaus Width: 3.2141
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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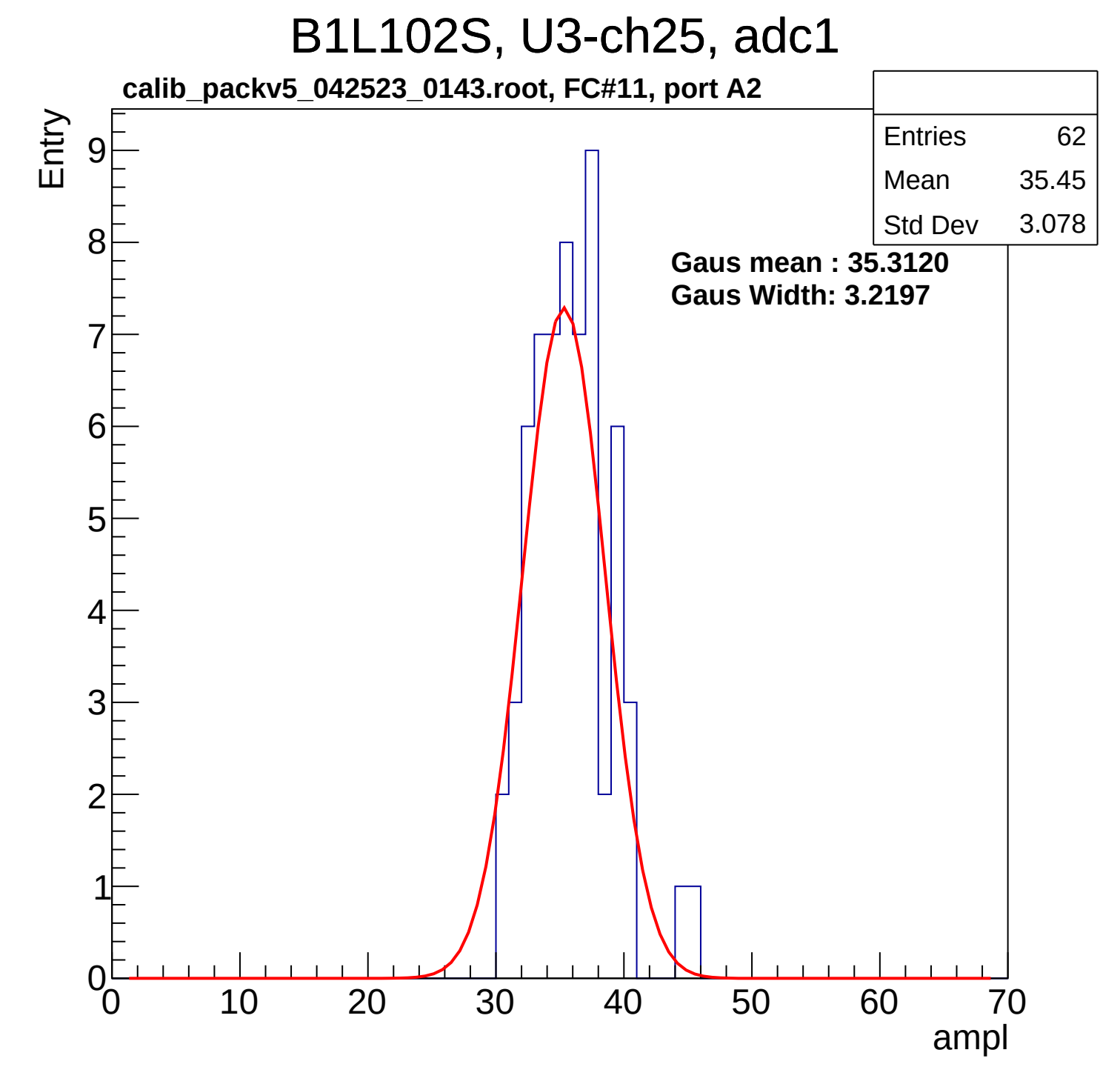
B1L102S, U3-ch25, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 35.45
Std Dev 3.078
Gaus mean : 35.3120
Gaus Width: 3.2197
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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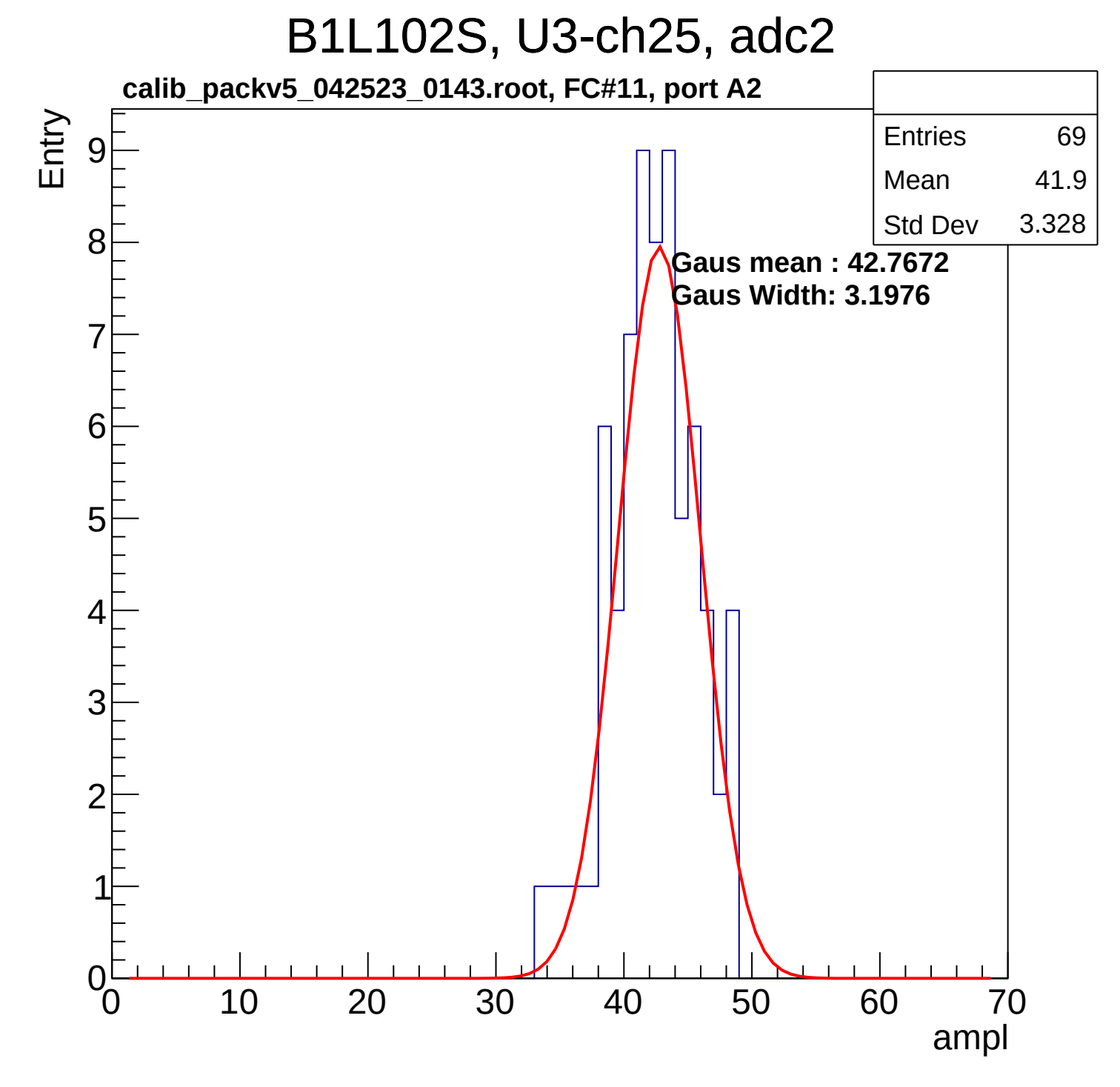
B1L102S, U3-ch25, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 41.9
Std Dev 3.328
Gaus mean : 42.7672
Gaus Width: 3.1976
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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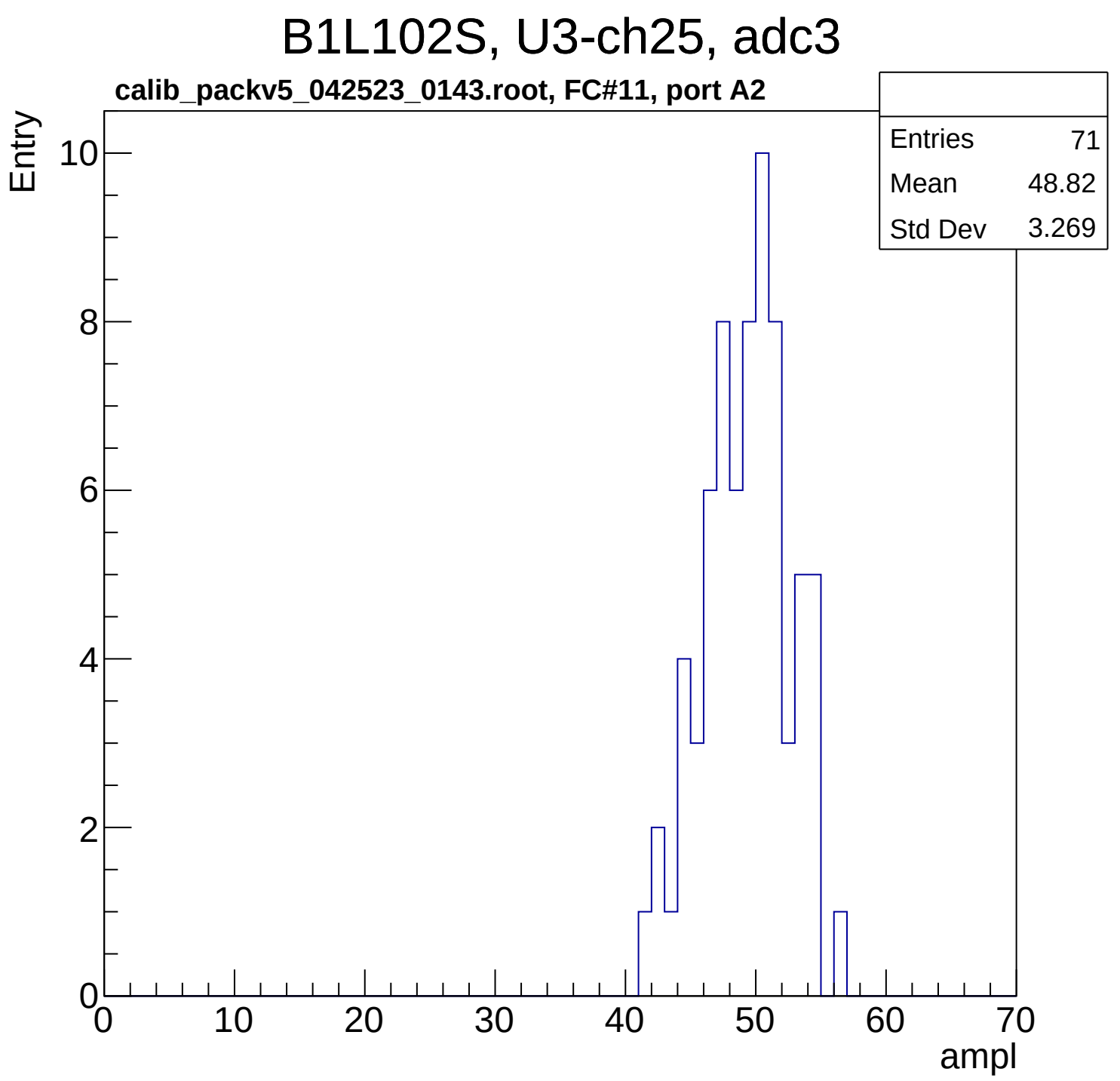
B1L102S, U3-ch25, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 48.82
Std Dev 3.269
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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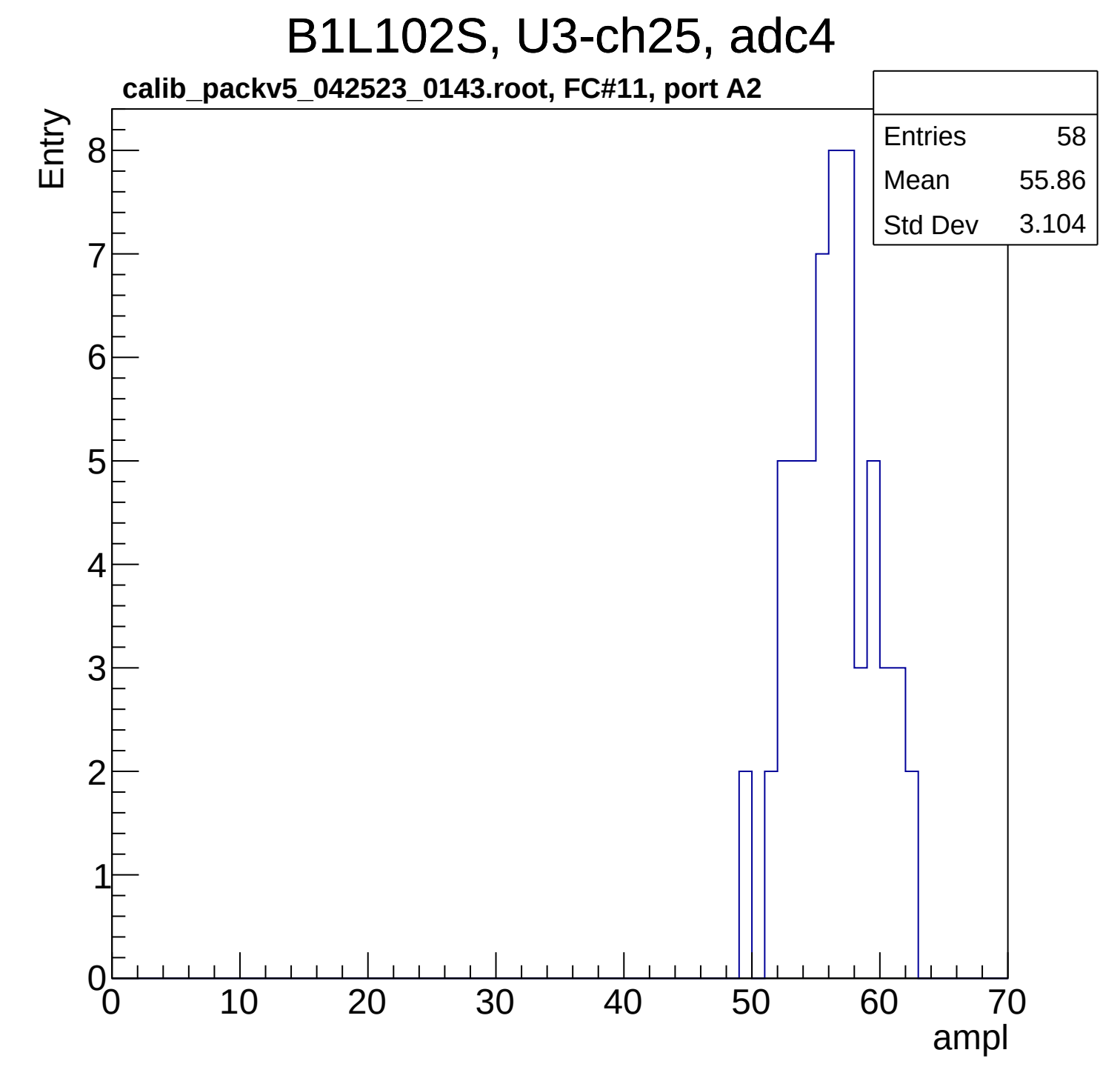
B1L102S, U3-ch25, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 55.86
Std Dev 3.104
Entry
ampl
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1
2
3
4
5
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7
8
0
10
20
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40
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60
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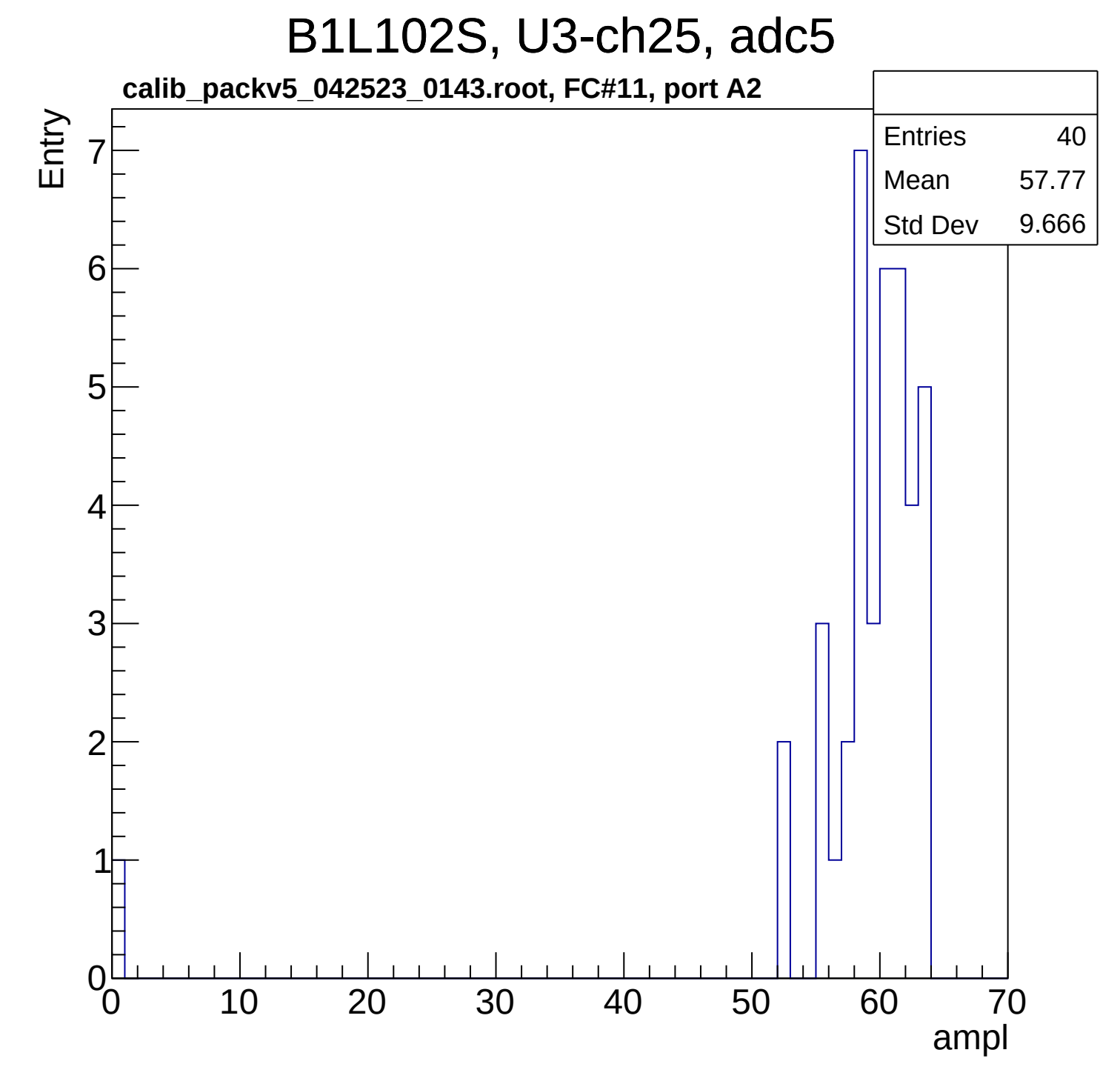
B1L102S, U3-ch25, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 57.77
Std Dev 9.666
Entry
ampl
0
1
2
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4
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6
7
0
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60
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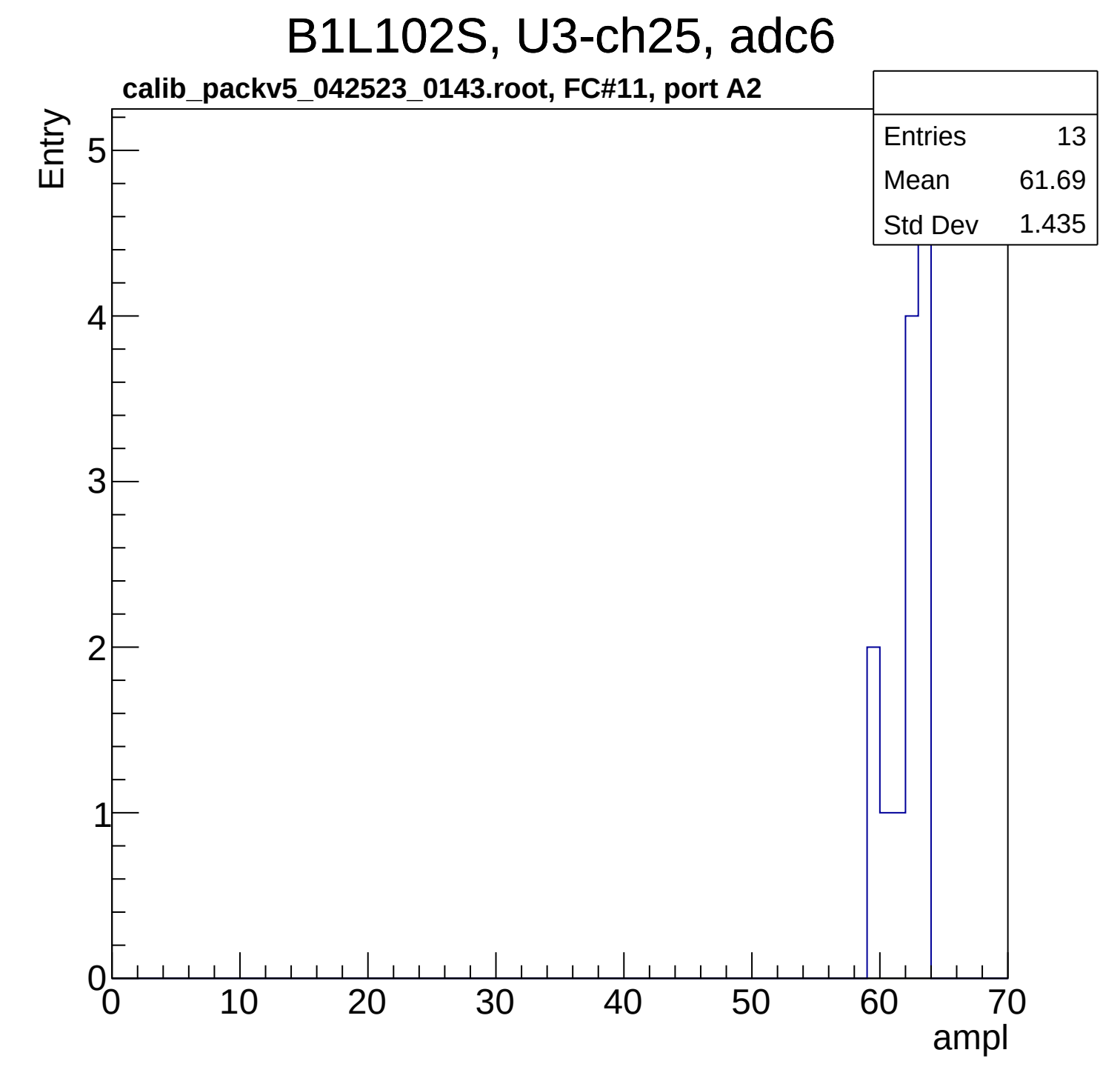
B1L102S, U3-ch25, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.69
Std Dev 1.435
Entry
ampl
0
1
2
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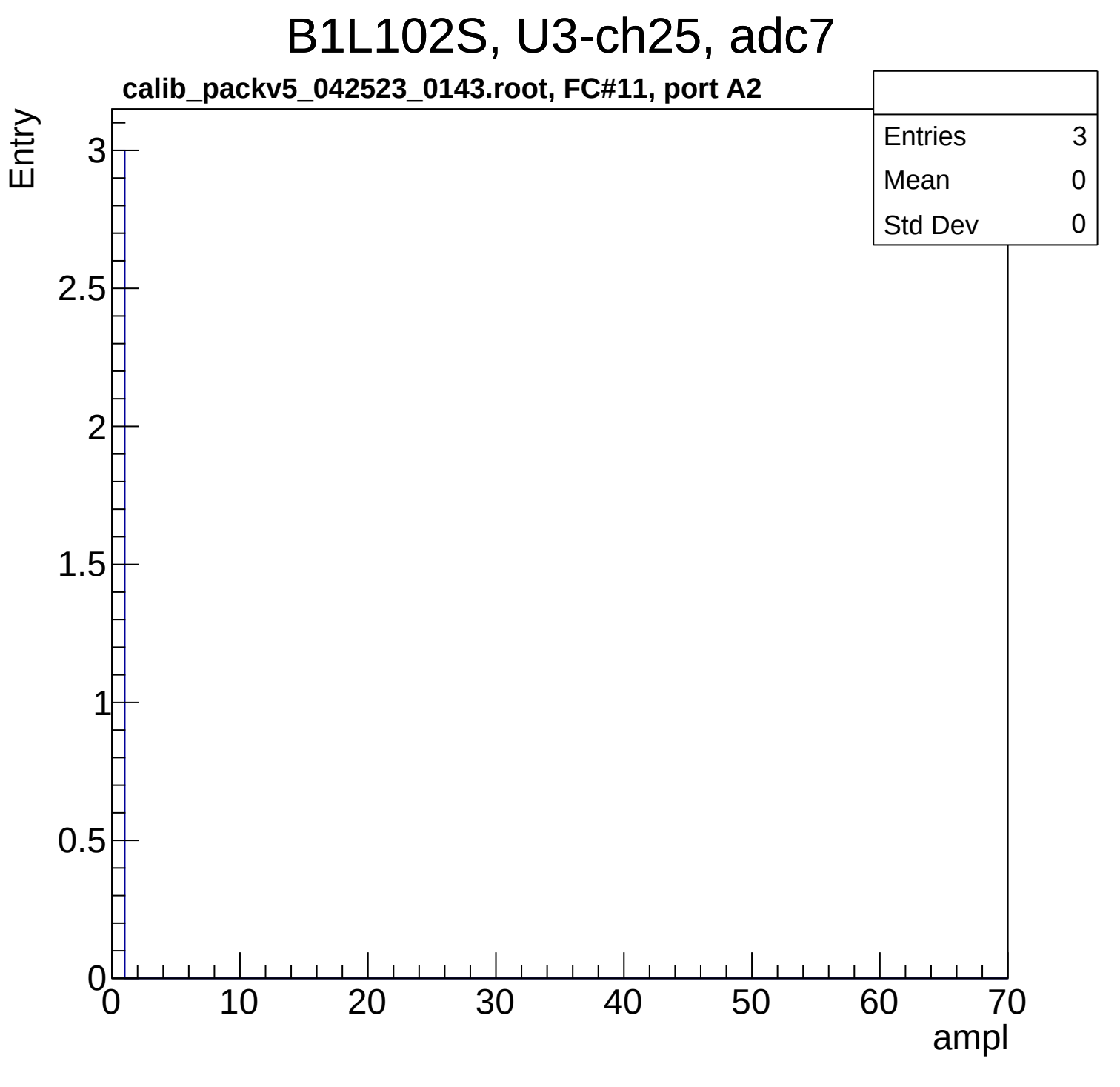
0
10
20
30
40
50
60
70


B1L102S, U3-ch25, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
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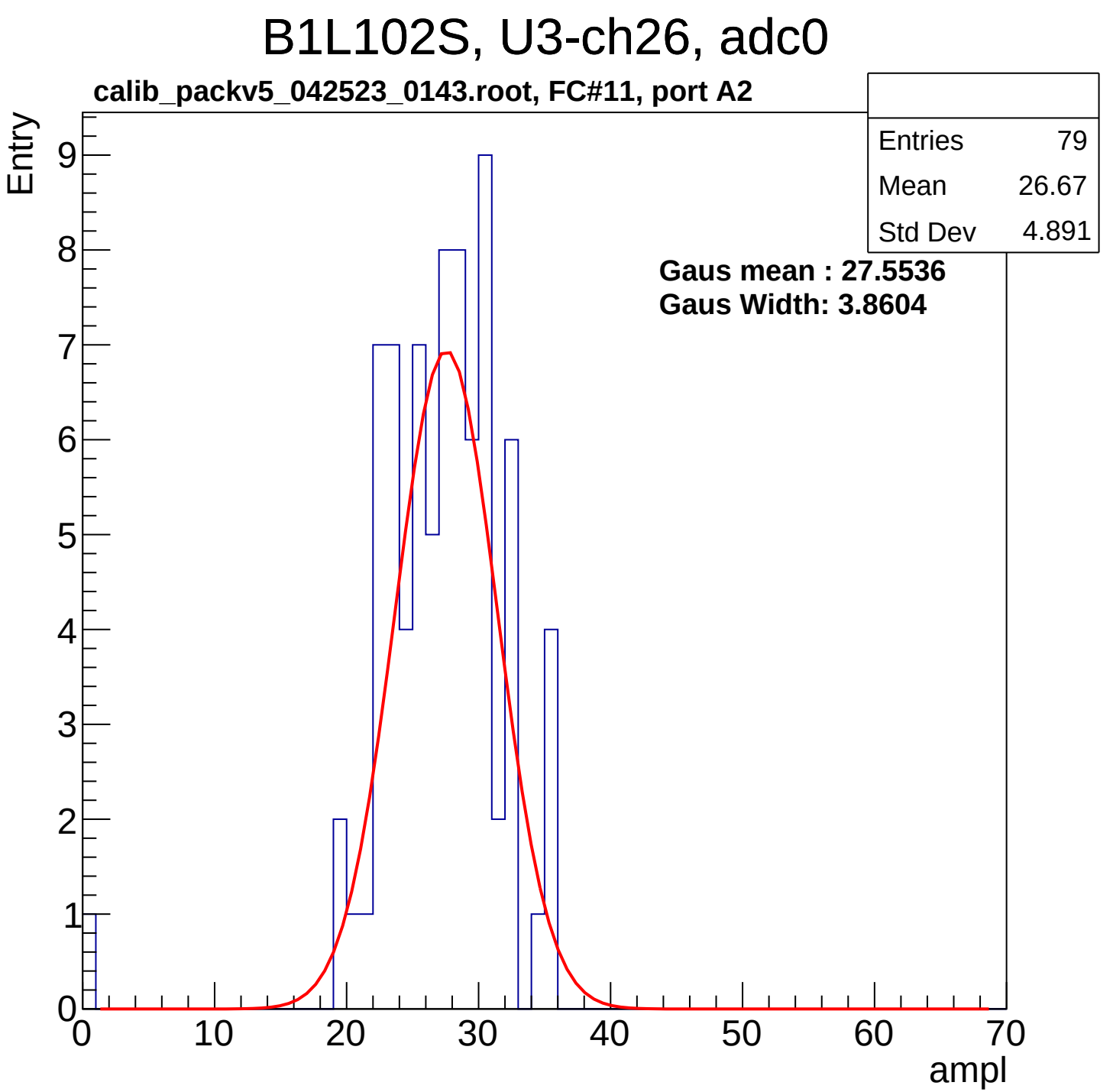
50
60
70
ampl


B1L102S, U3-ch26, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 26.67
Std Dev 4.891
Gaus mean : 27.5536
Gaus Width: 3.8604
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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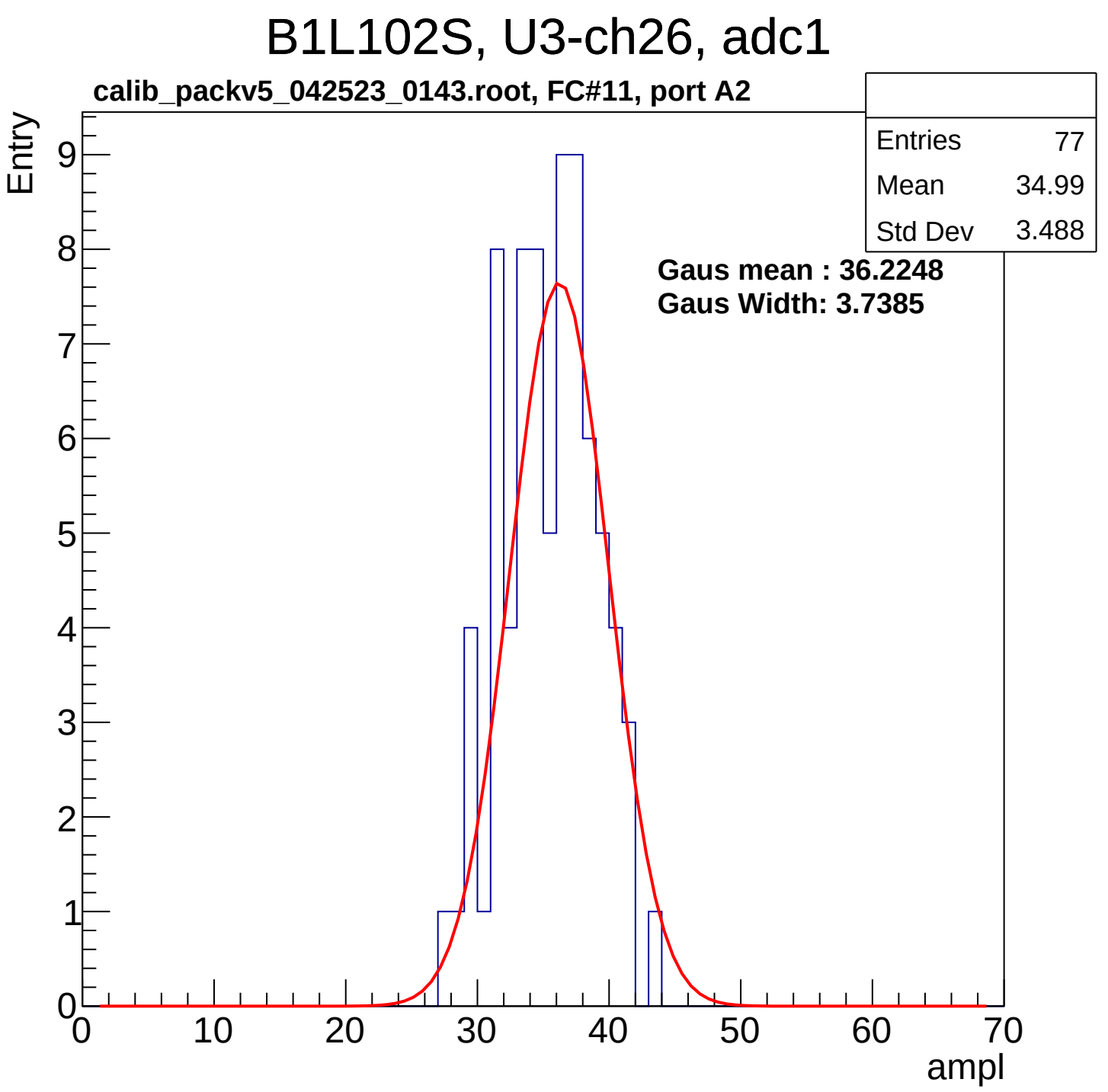
40
50
60
70


B1L102S, U3-ch26, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 34.99
Std Dev 3.488
Gaus mean : 36.2248
Gaus Width: 3.7385
Entry
ampl
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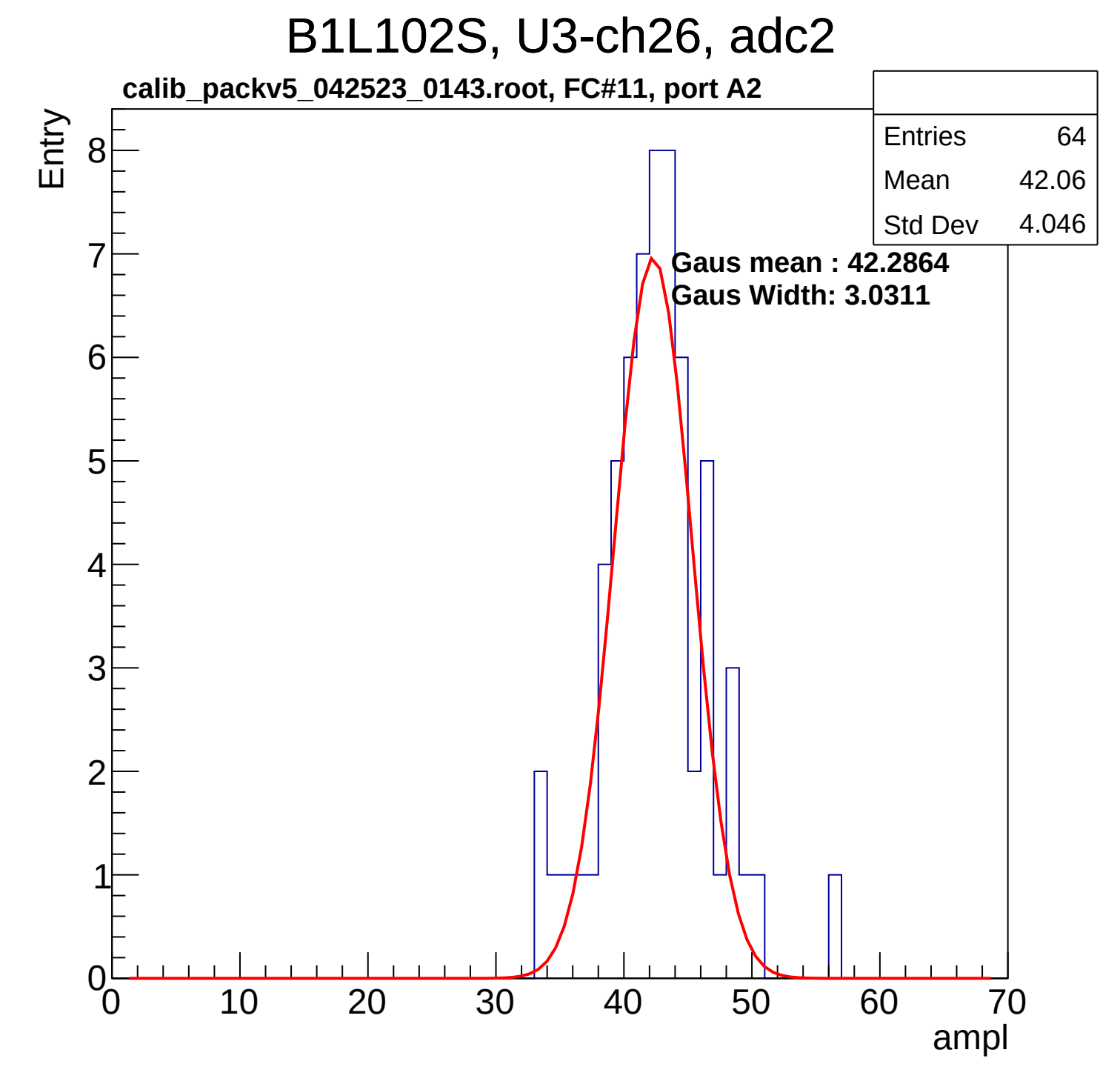
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch26, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 42.06
Std Dev 4.046
Gaus mean : 42.2864
Gaus Width: 3.0311
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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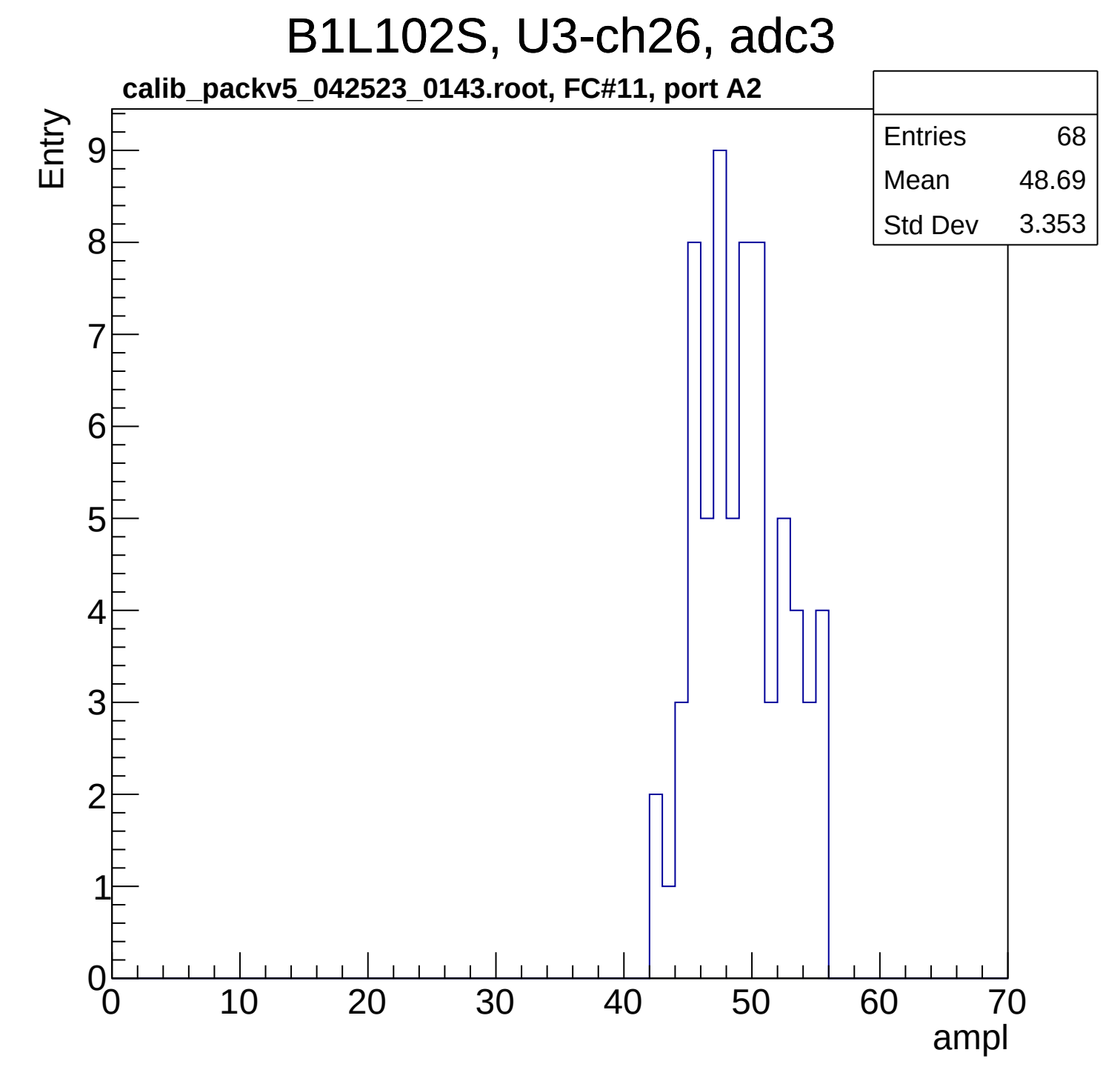
B1L102S, U3-ch26, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 48.69
Std Dev 3.353
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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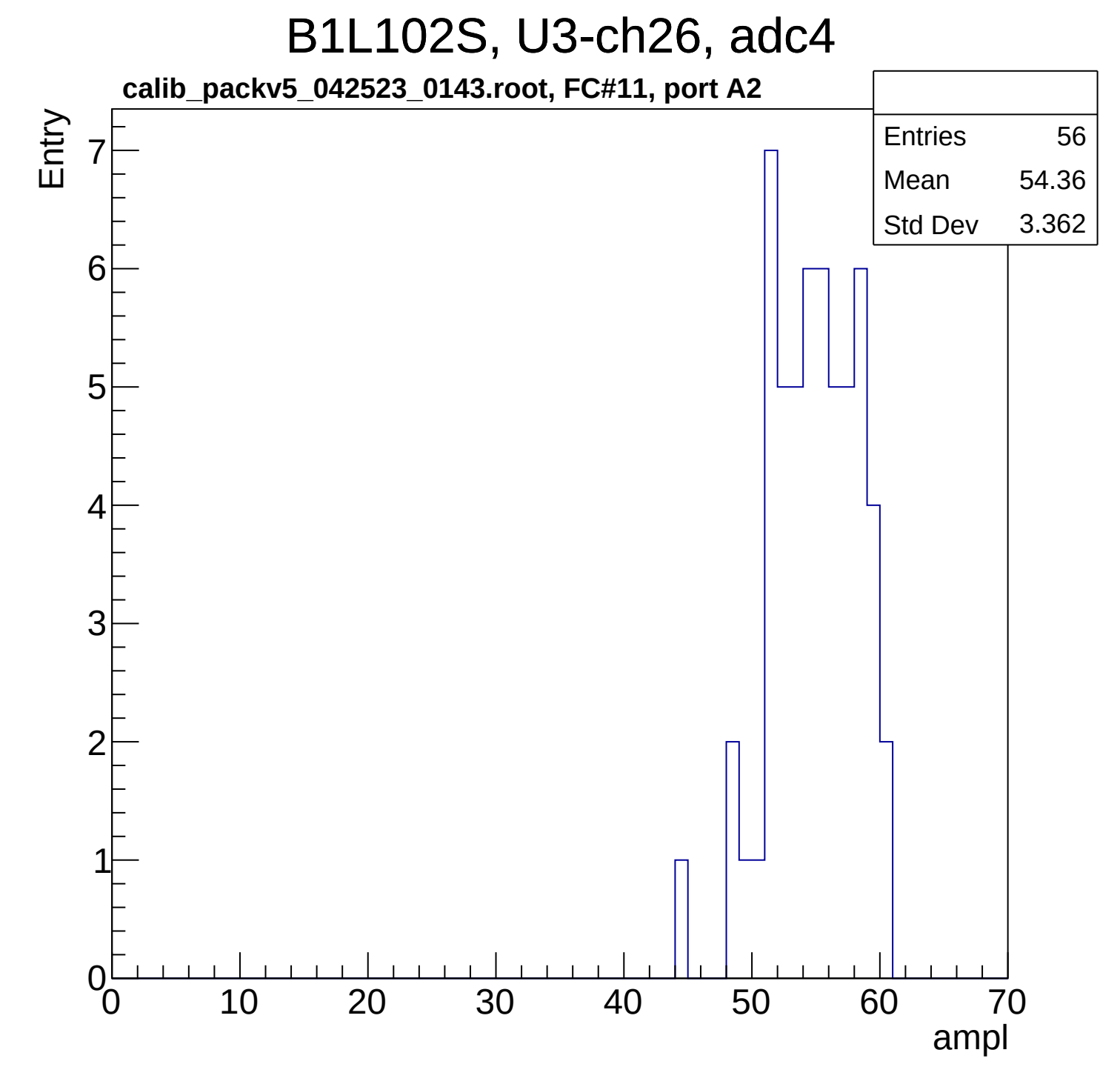
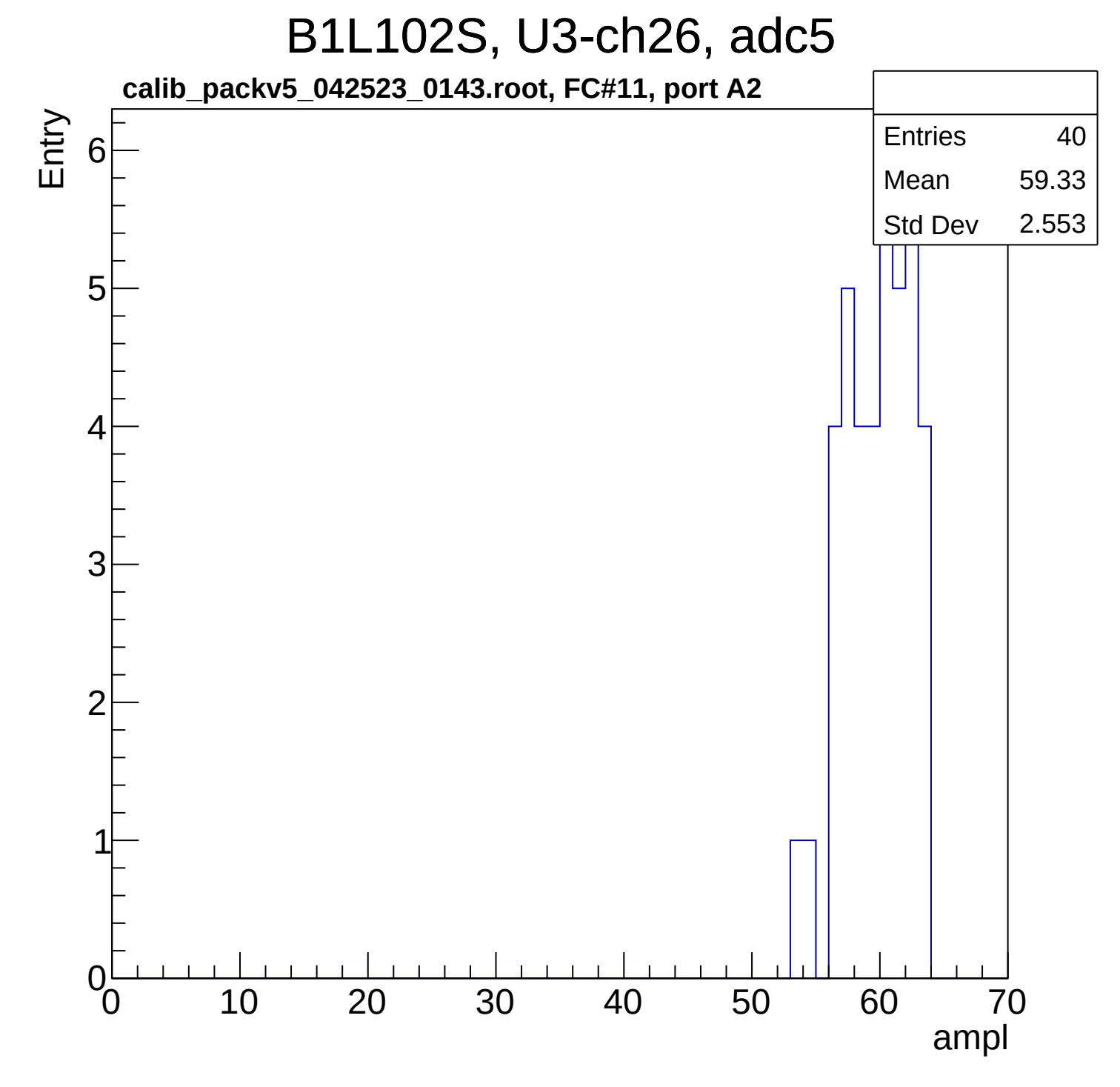
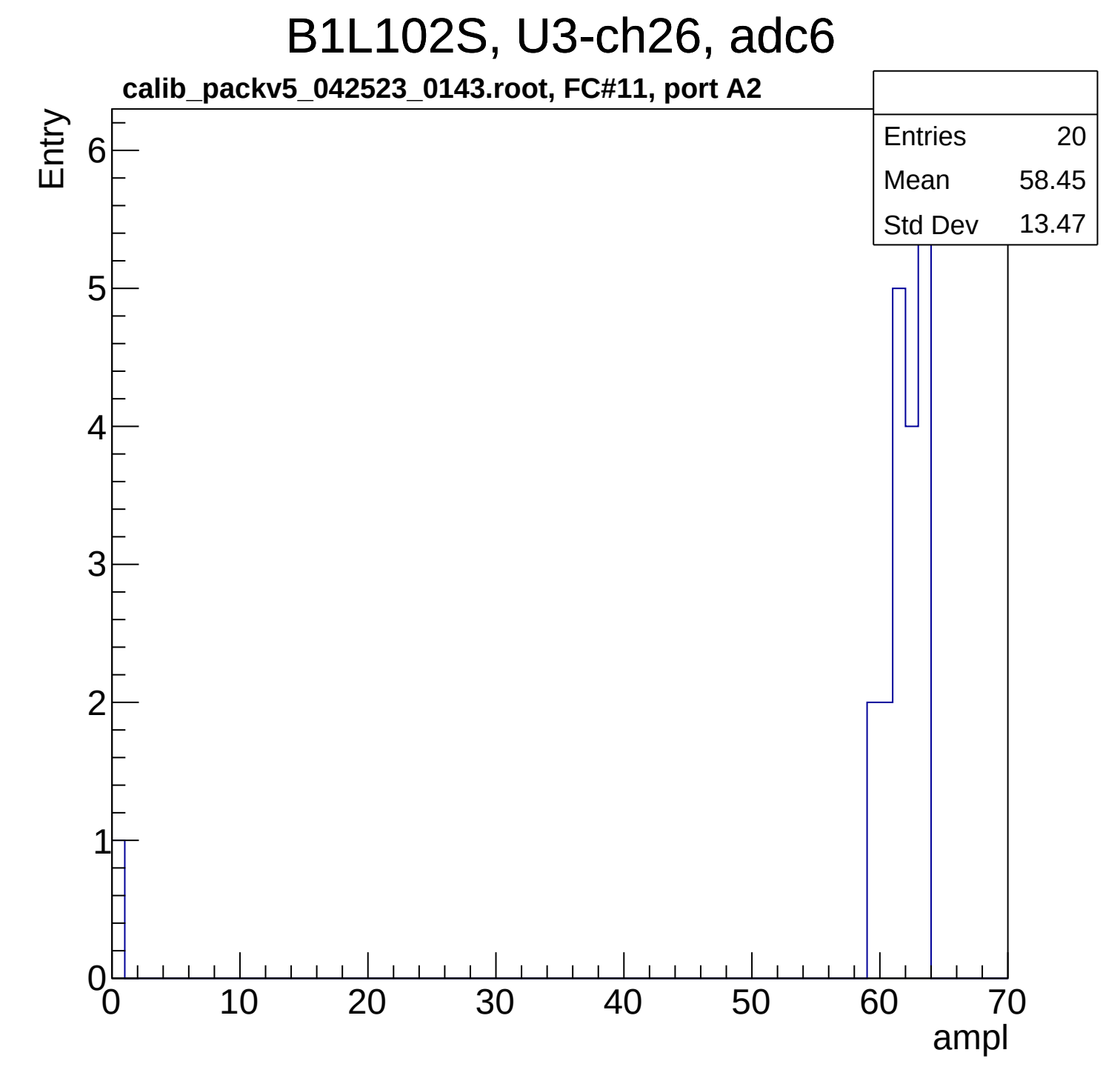

B1L102S, U3-ch26, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 54.36
Std Dev 3.362
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch26, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 59.33
Std Dev 2.553
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch26, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 20
Mean 58.45
Std Dev 13.47
Entry
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4
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10
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30
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50
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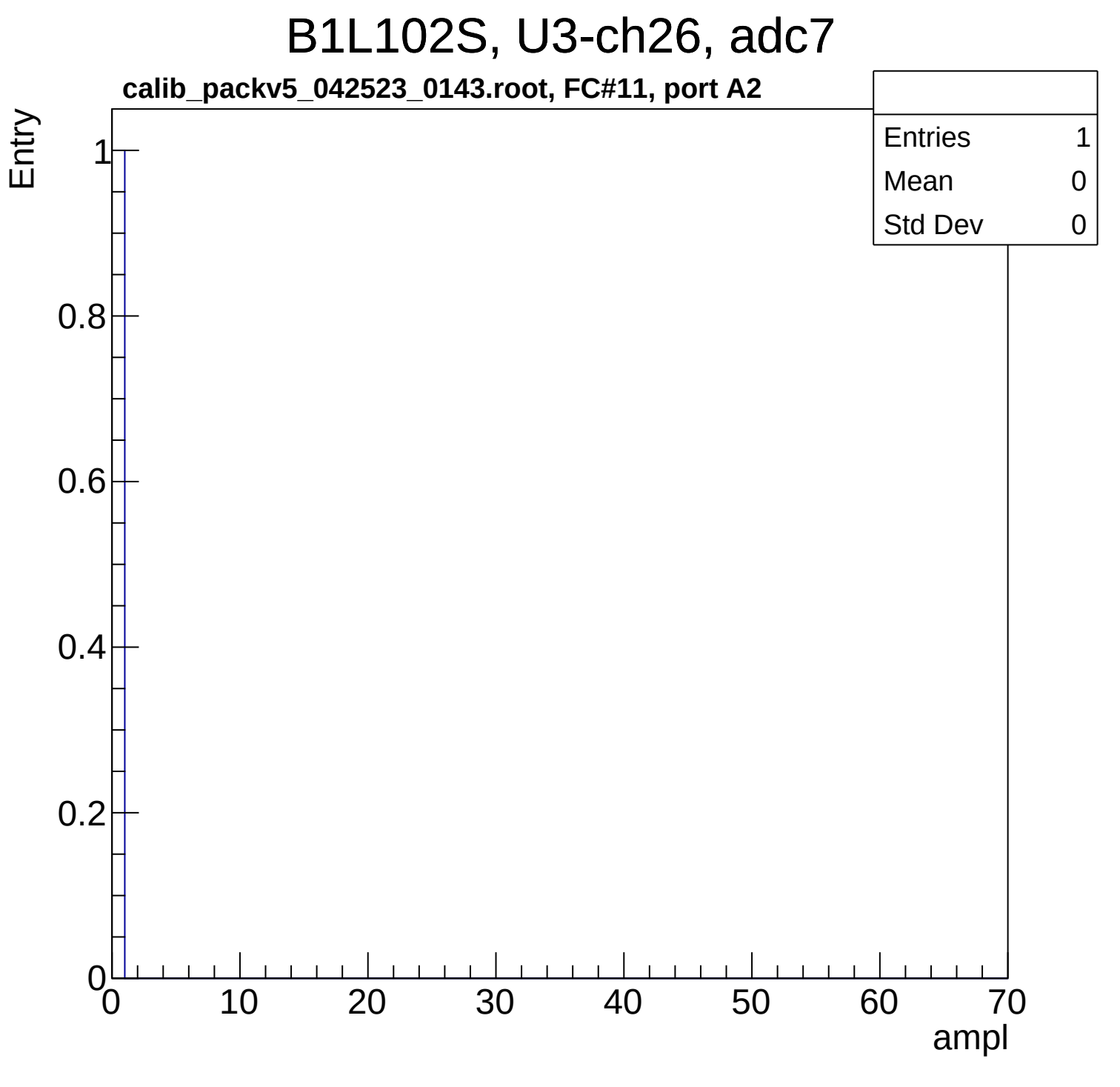
70
ampl


B1L102S, U3-ch26, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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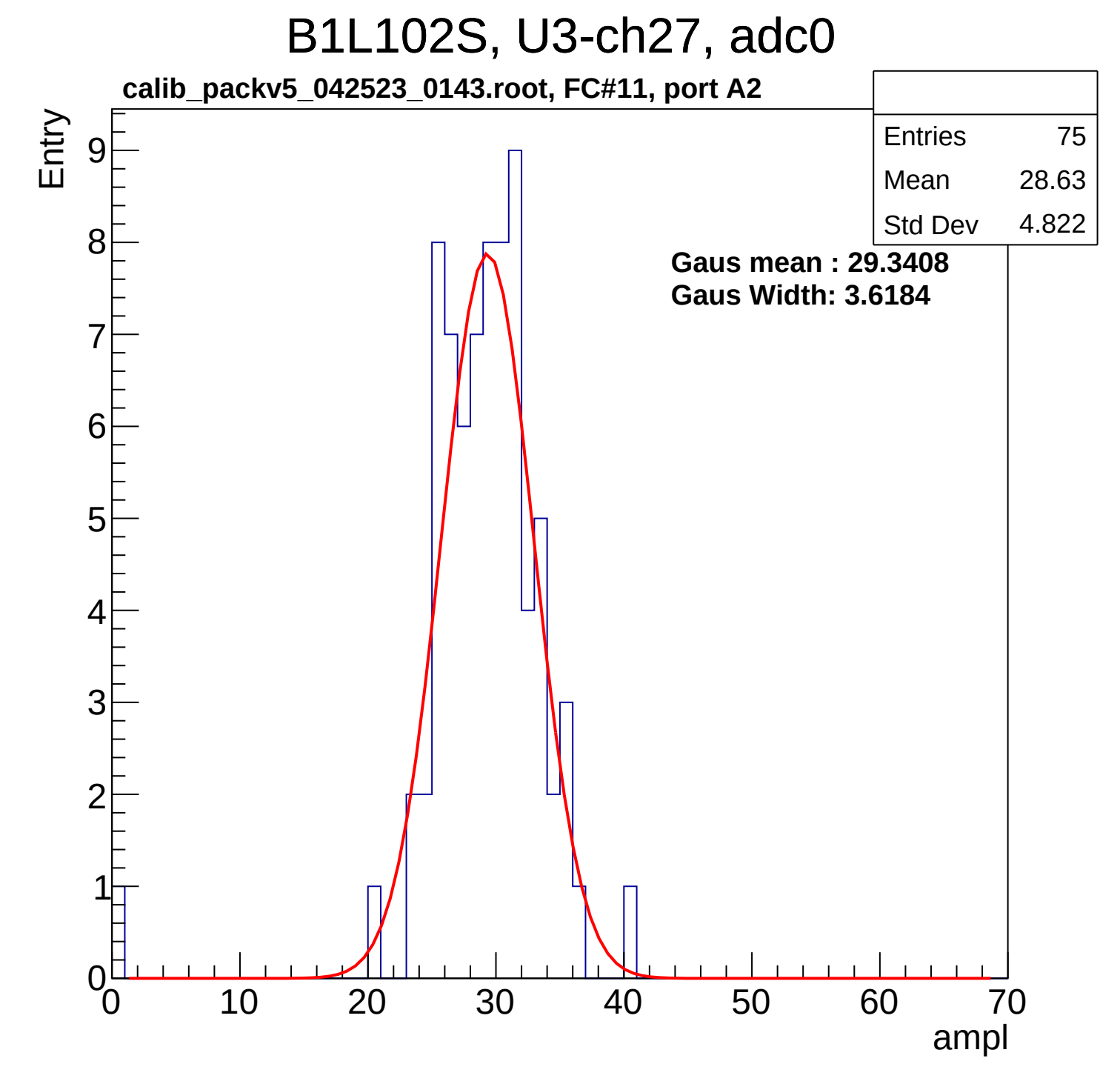
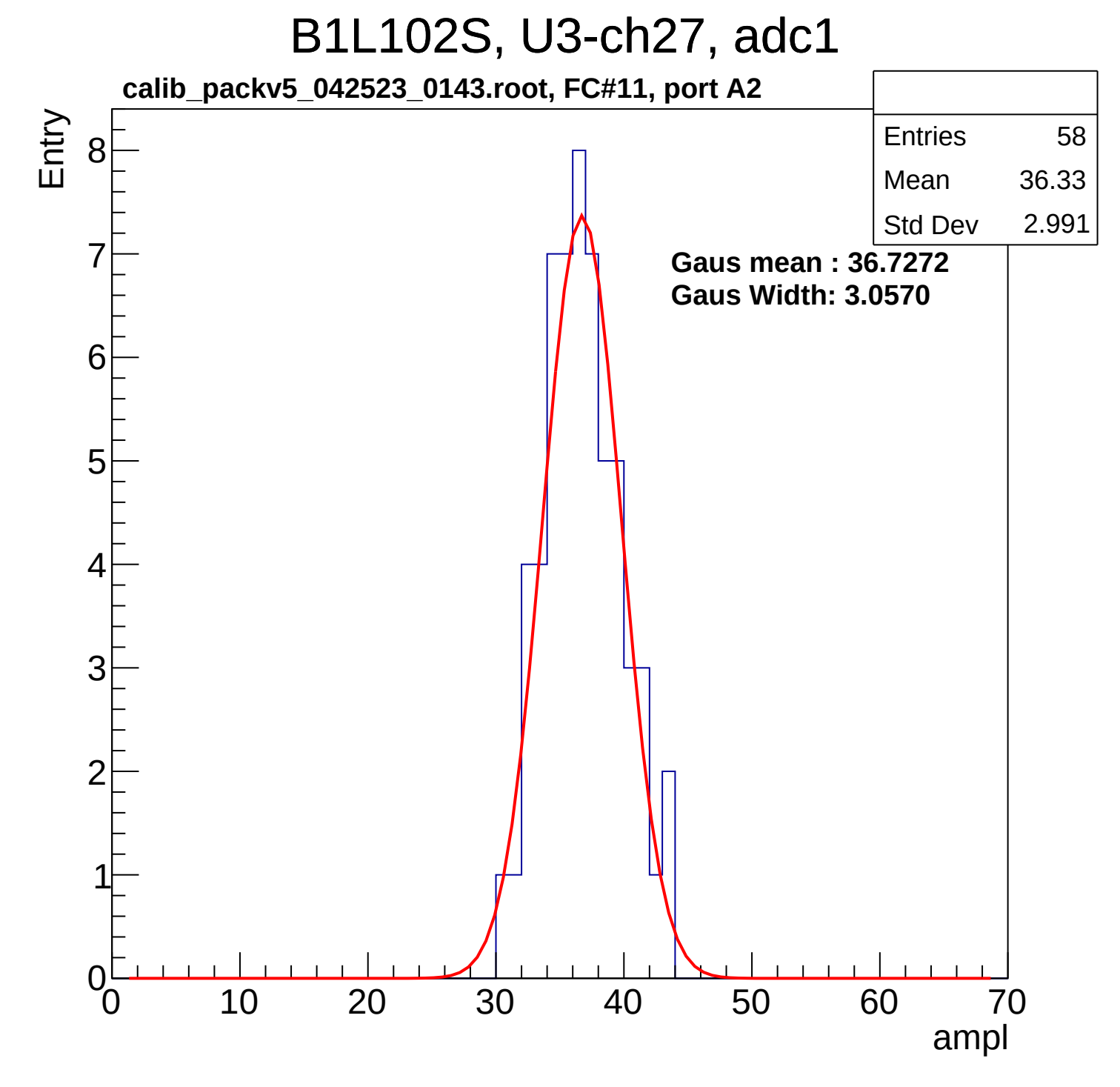
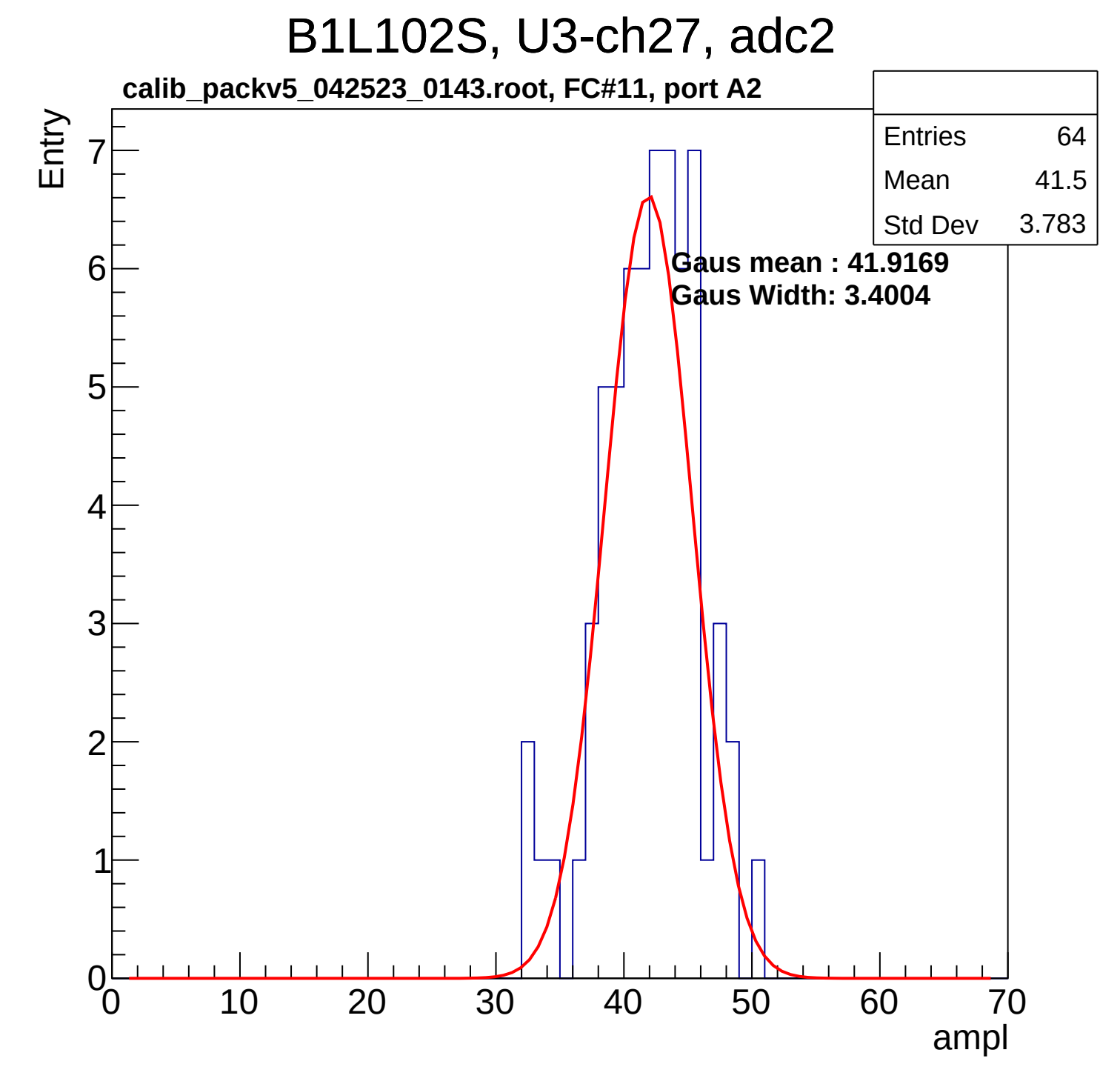
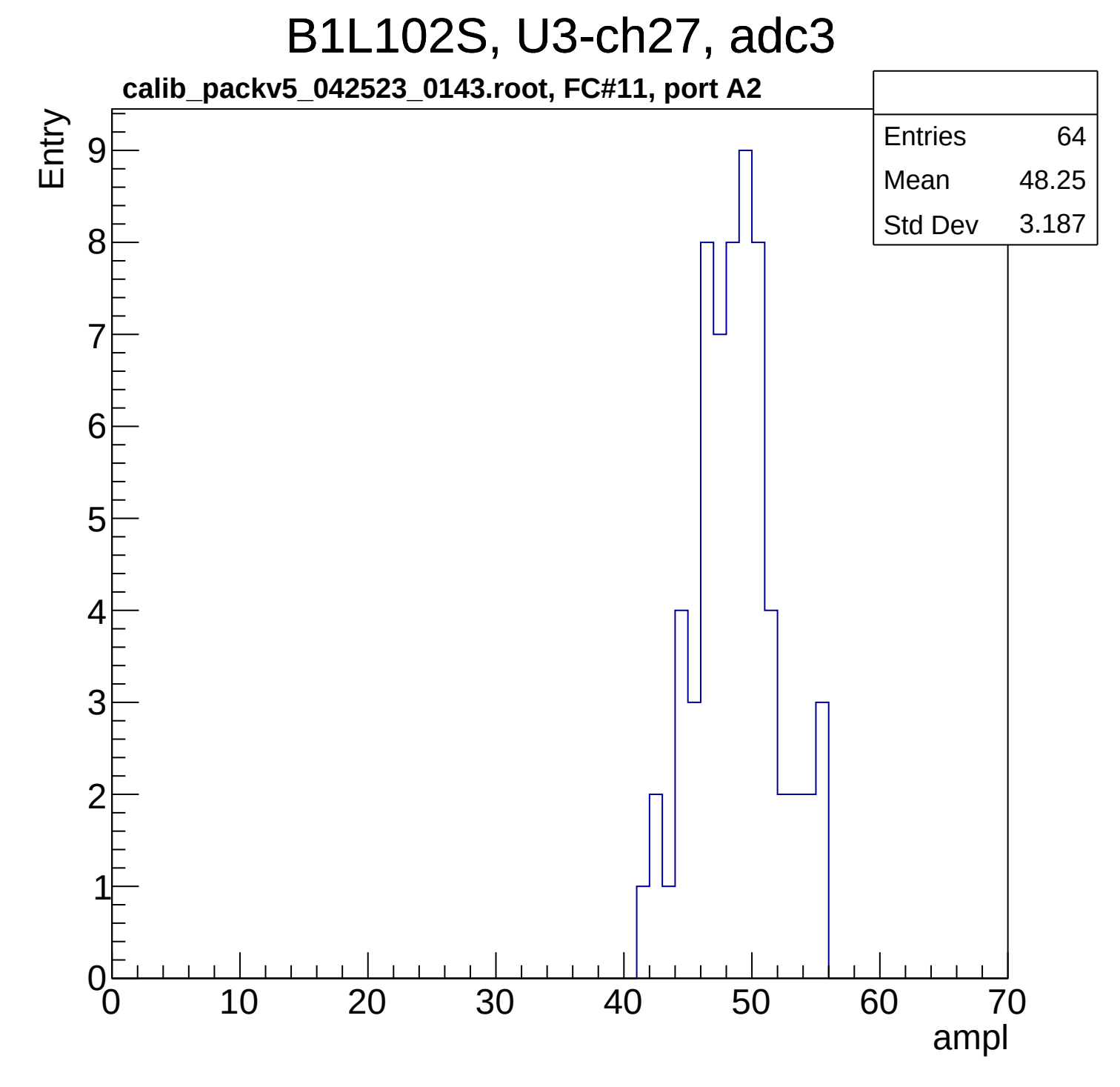
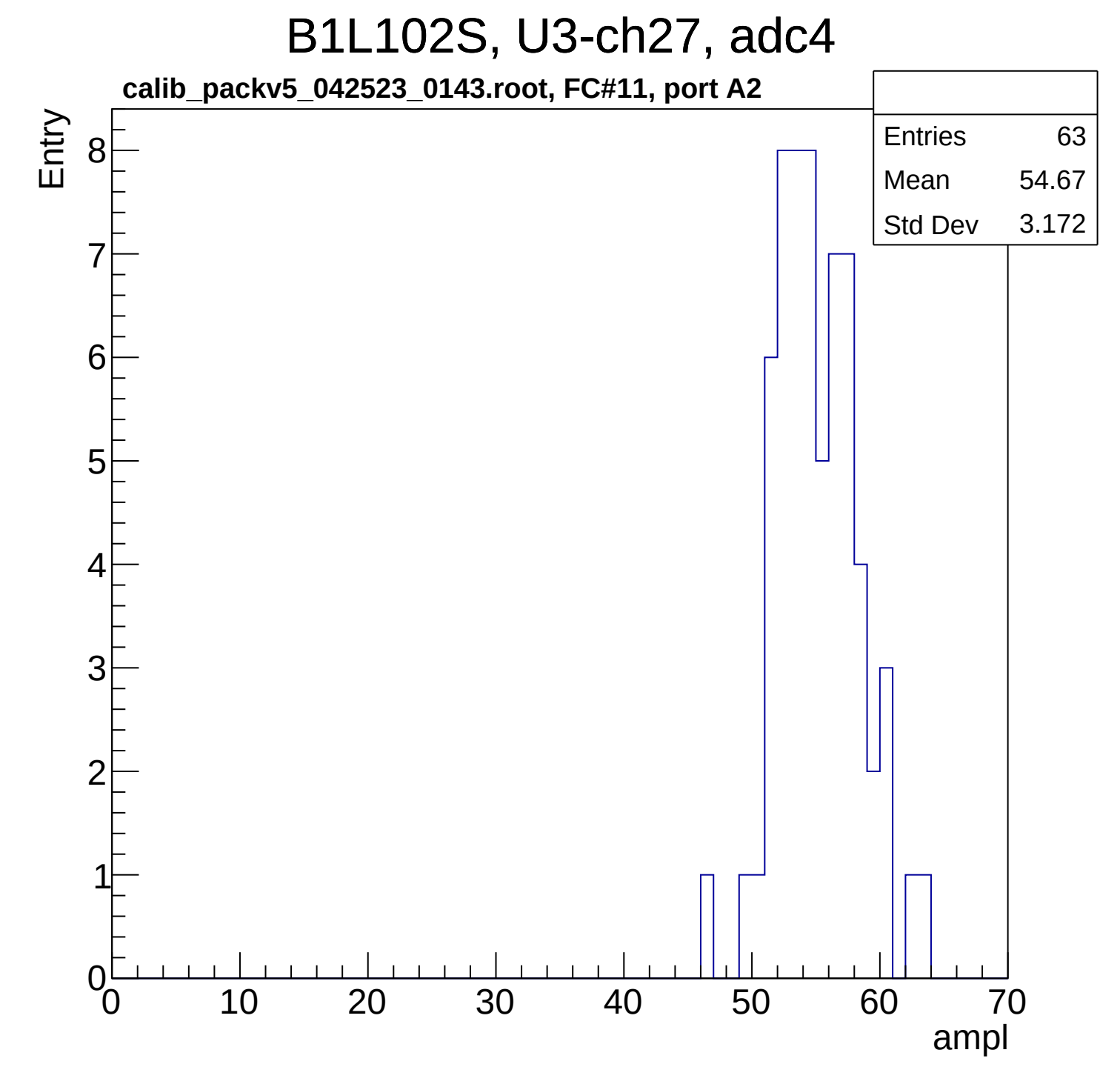
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

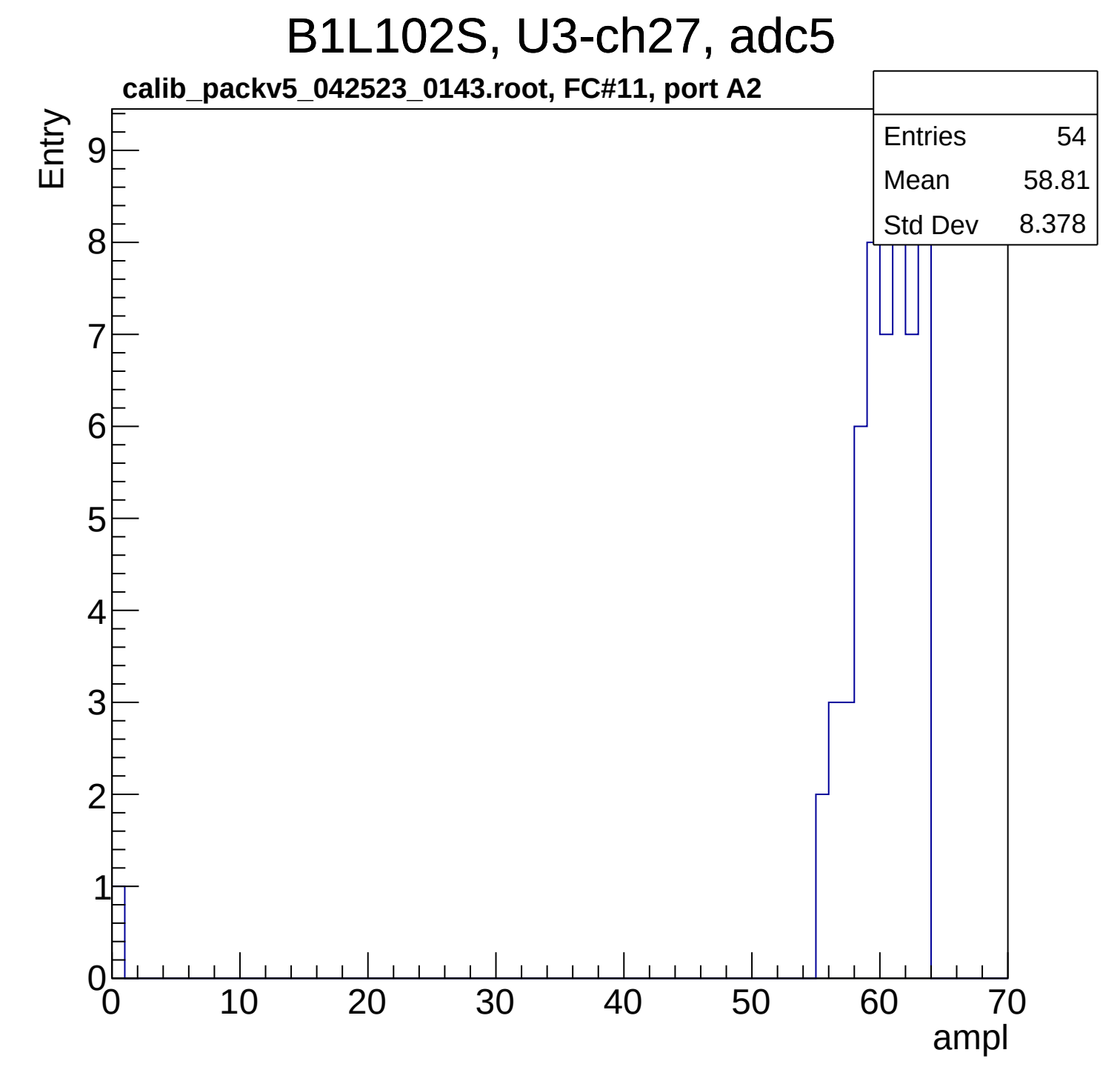

B1L102S, U3-ch27, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 28.63
Std Dev 4.822
Gaus mean : 29.3408
Gaus Width: 3.6184
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

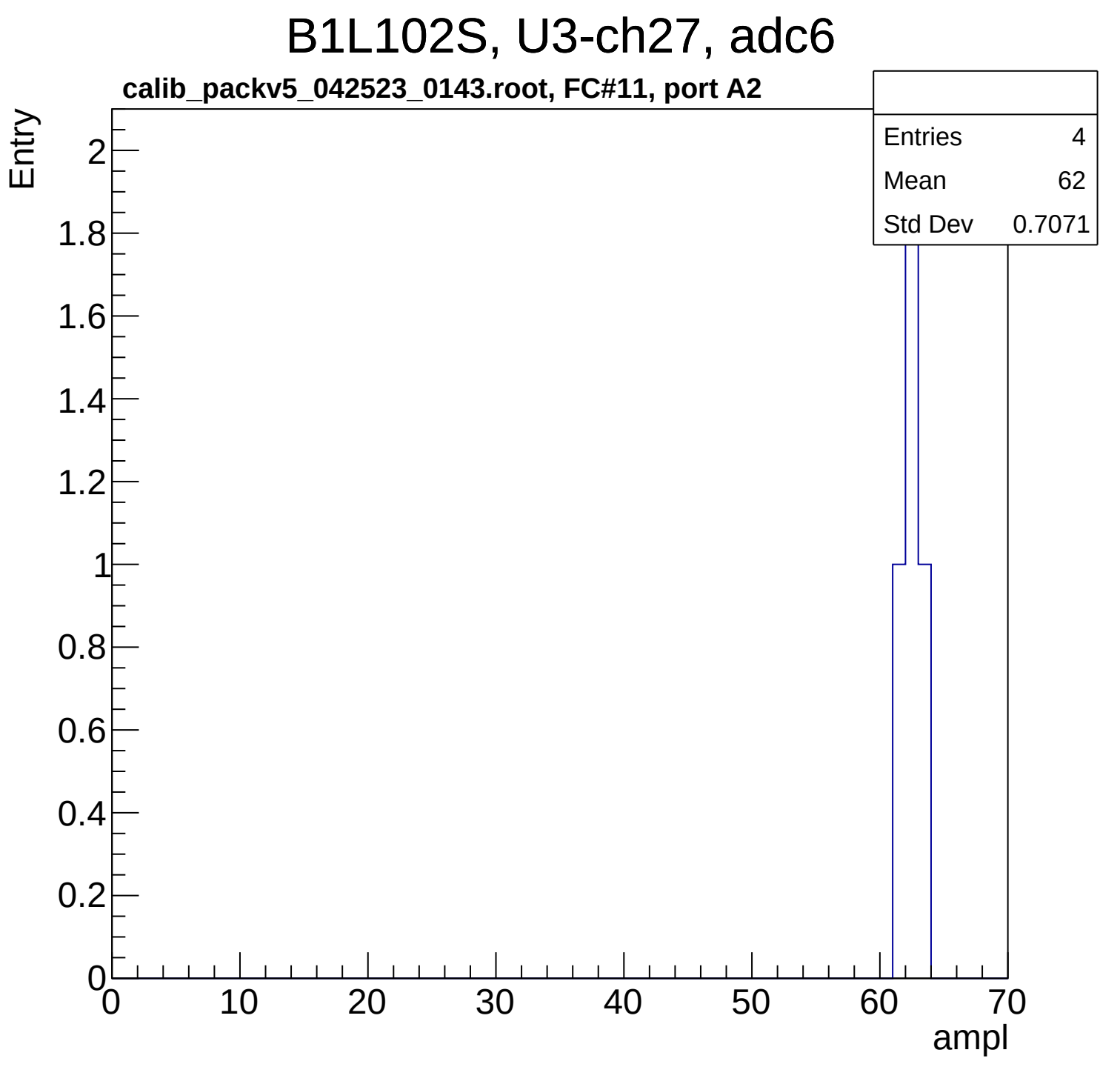

B1L102S, U3-ch27, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 36.33
Std Dev 2.991
Gaus mean : 36.7272
Gaus Width: 3.0570
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

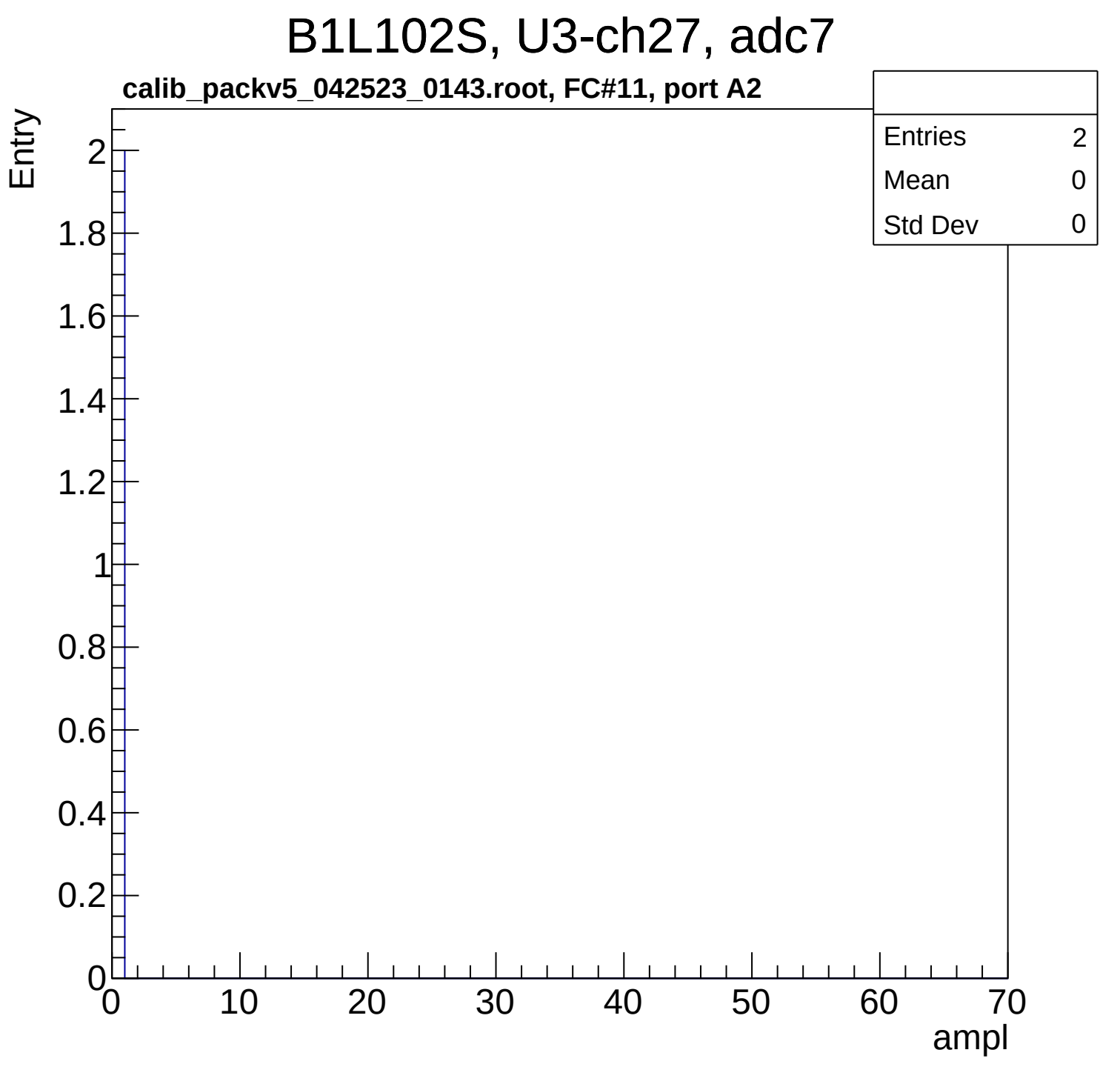

B1L102S, U3-ch27, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 41.5
Std Dev 3.783
Gaus mean : 41.9169
Gaus Width: 3.4004
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch27, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 48.25
Std Dev 3.187
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch27, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 54.67
Std Dev 3.172
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch27, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.81
Std Dev 8.378
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch27, 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
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch27, 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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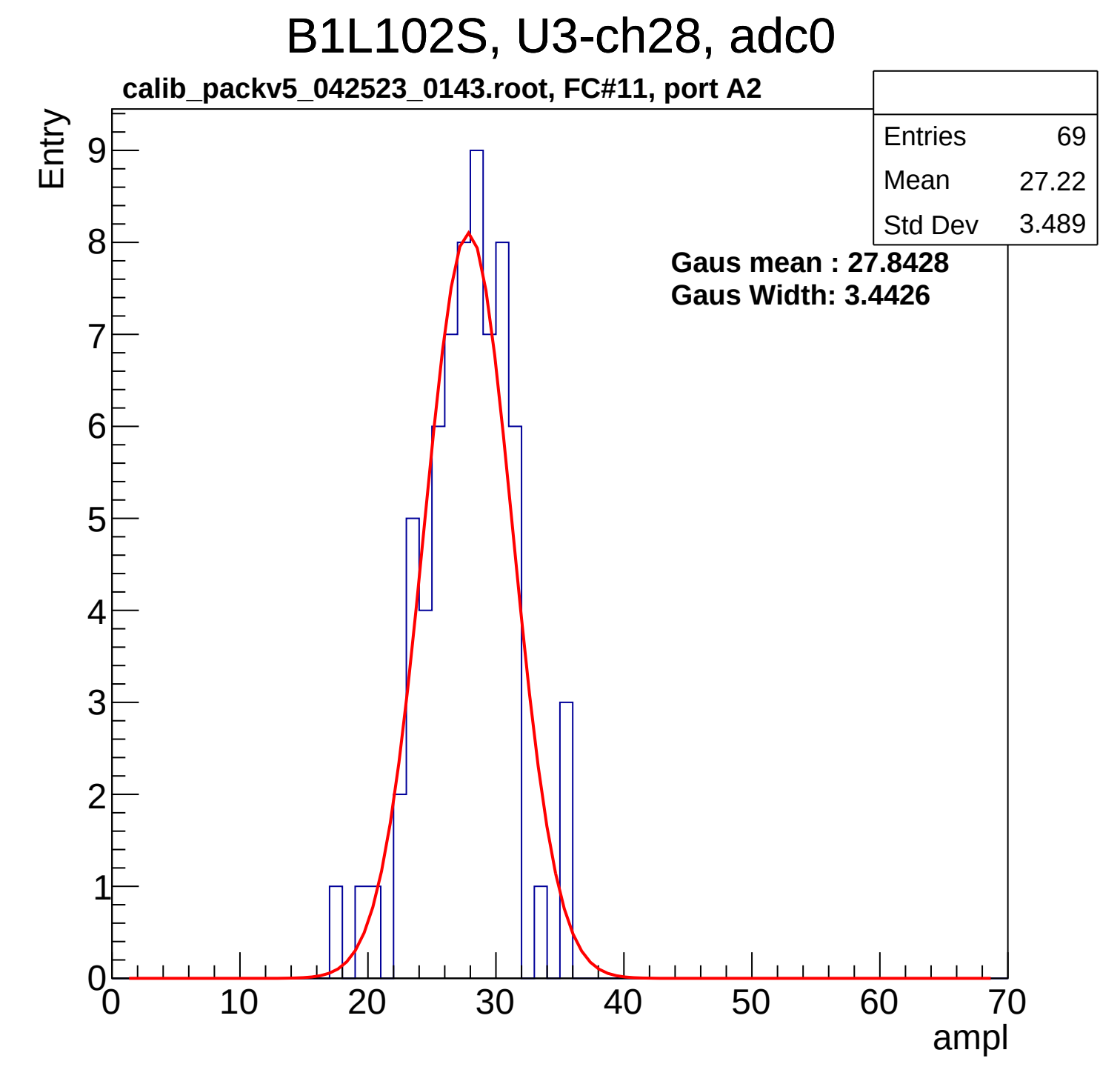
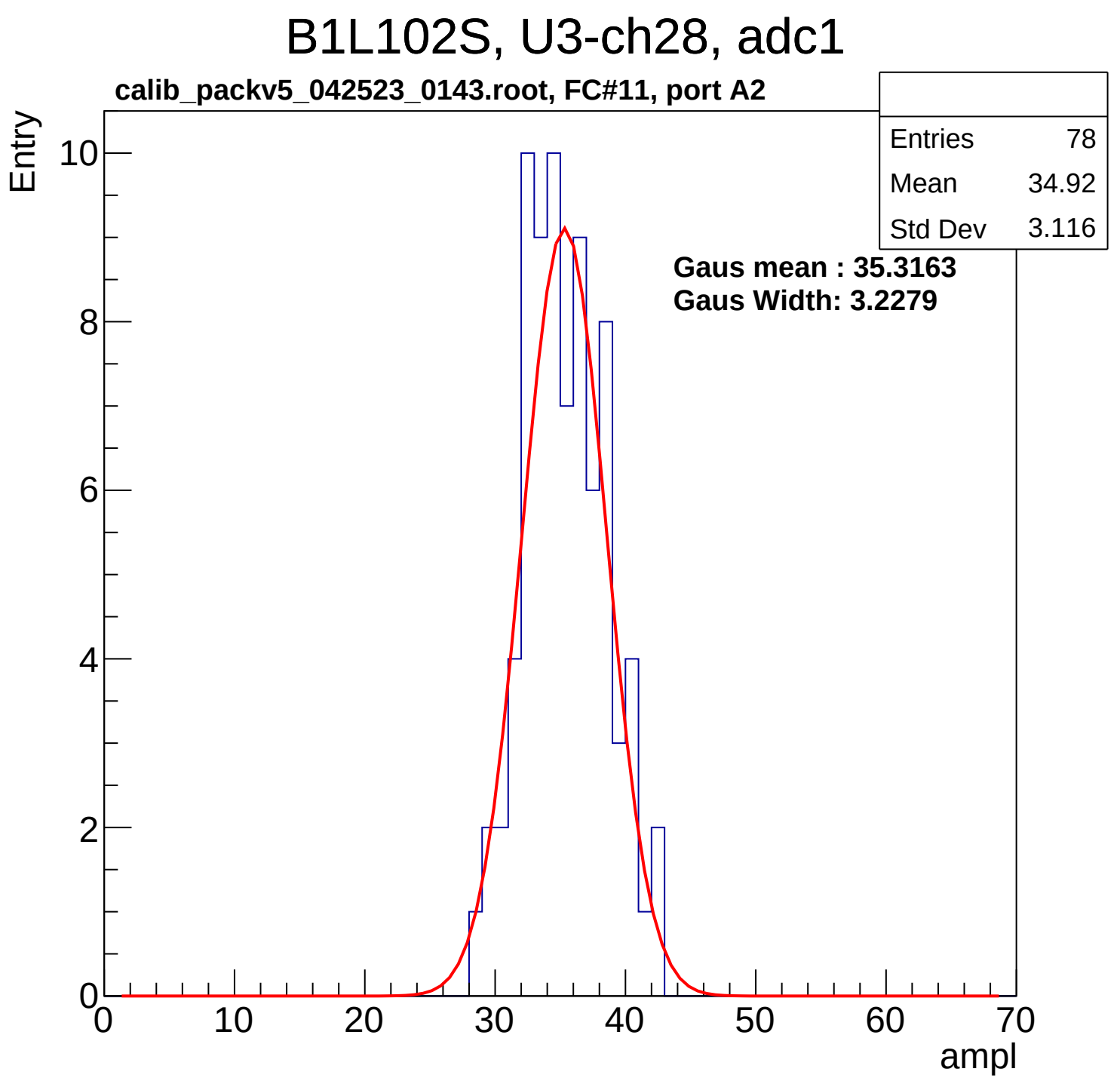
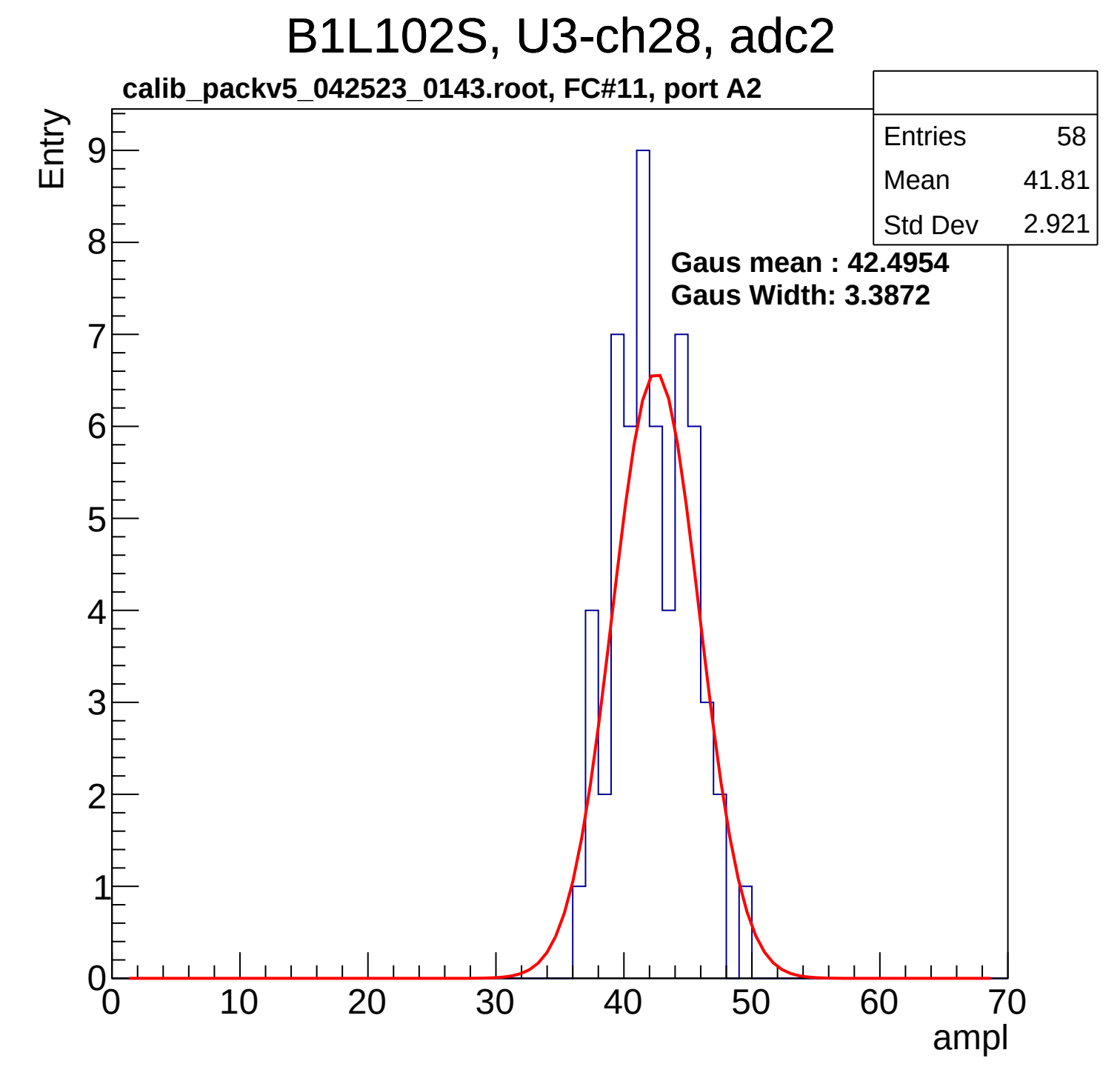
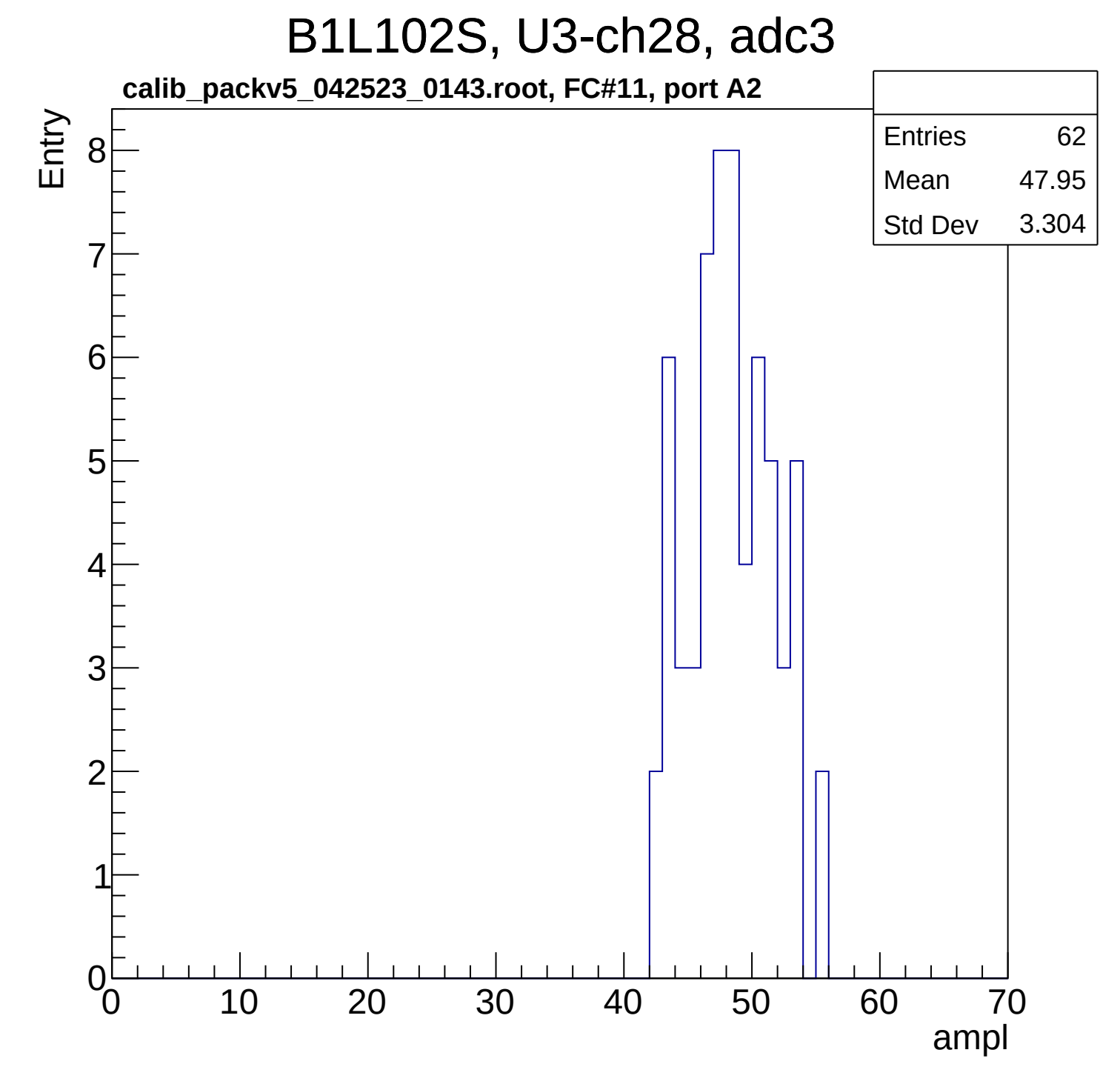
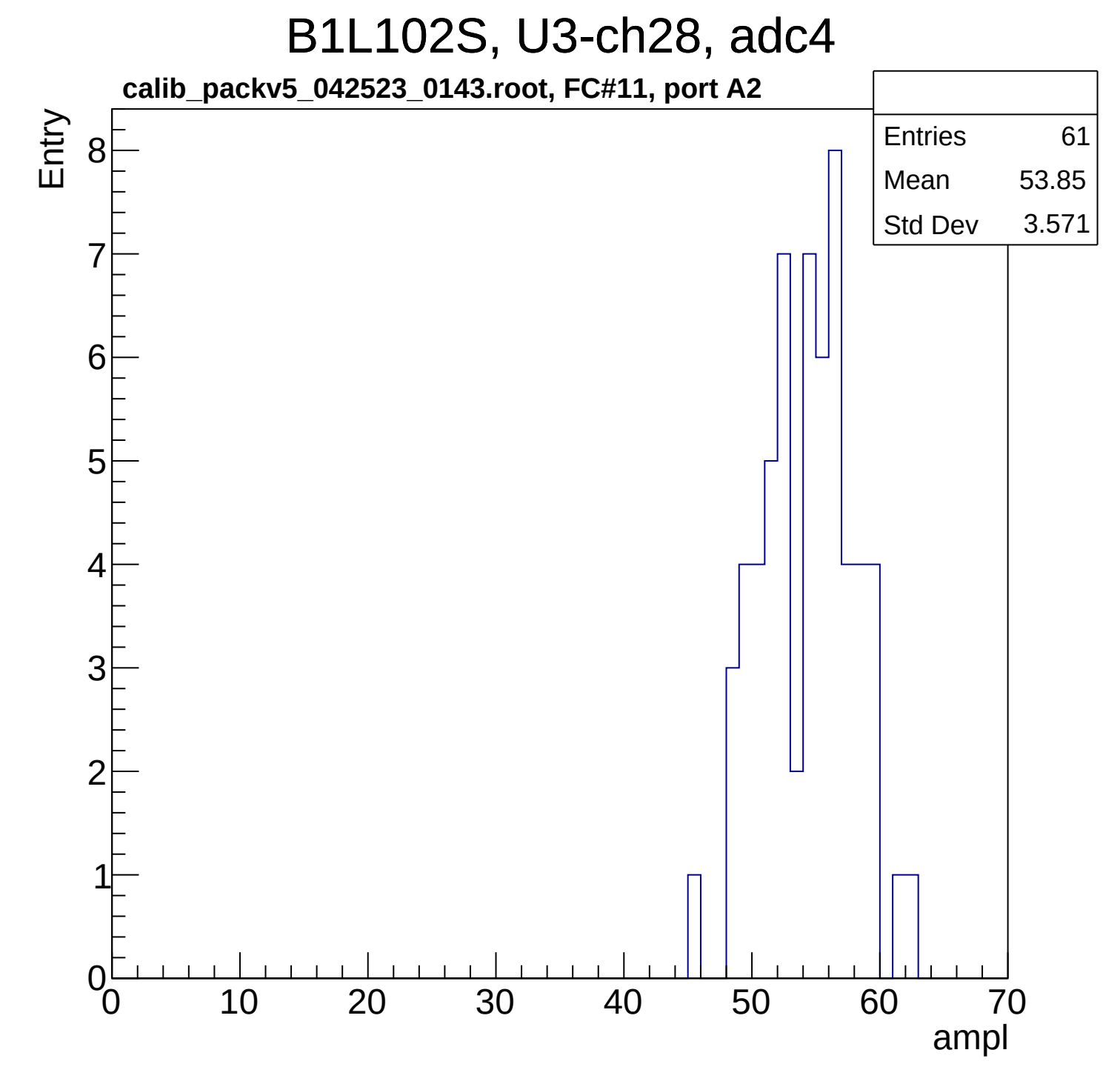
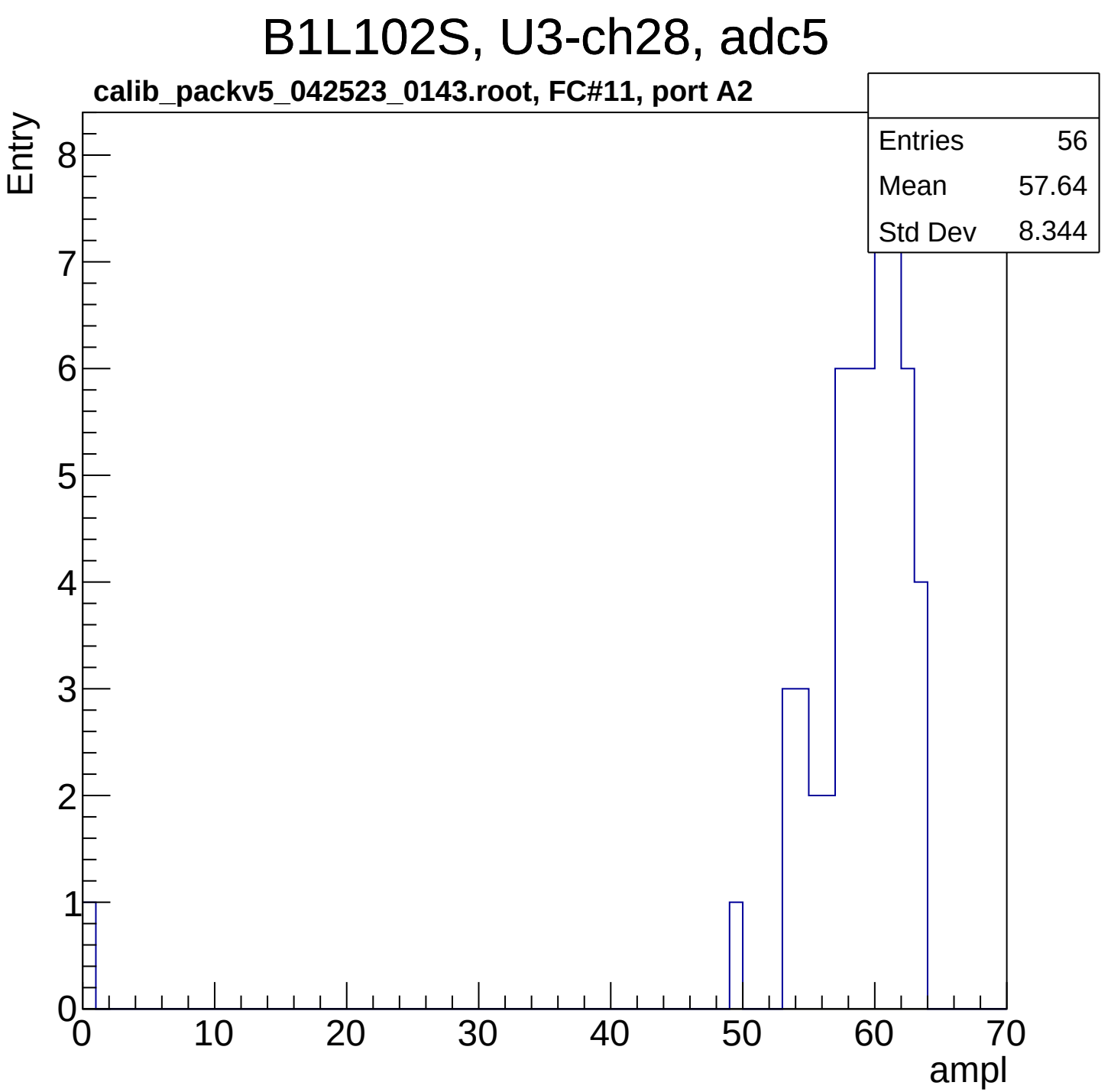

B1L102S, U3-ch28, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 27.22
Std Dev 3.489
Gaus mean : 27.8428
Gaus Width: 3.4426
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

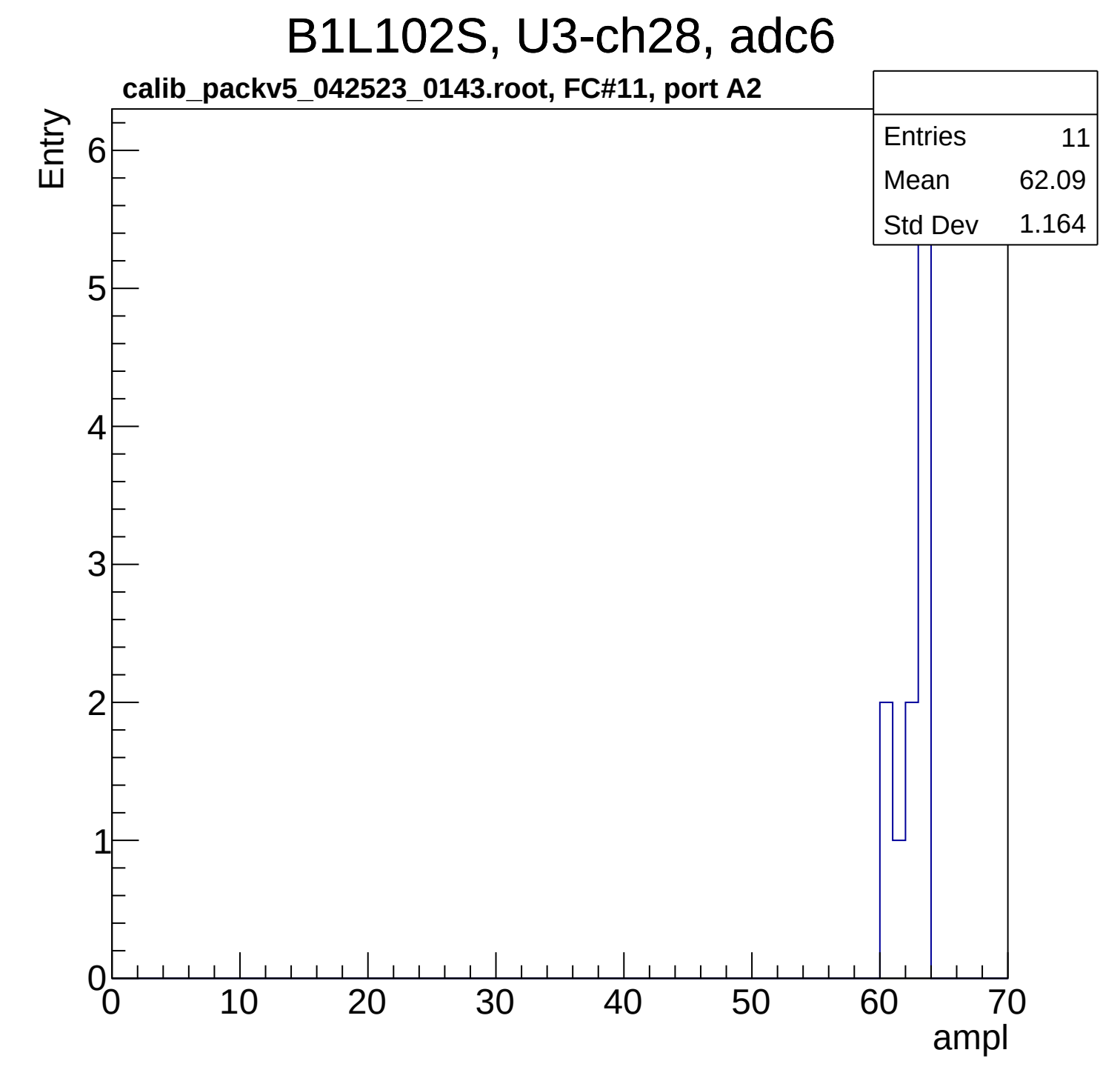

B1L102S, U3-ch28, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 34.92
Std Dev 3.116
Gaus mean : 35.3163
Gaus Width: 3.2279
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

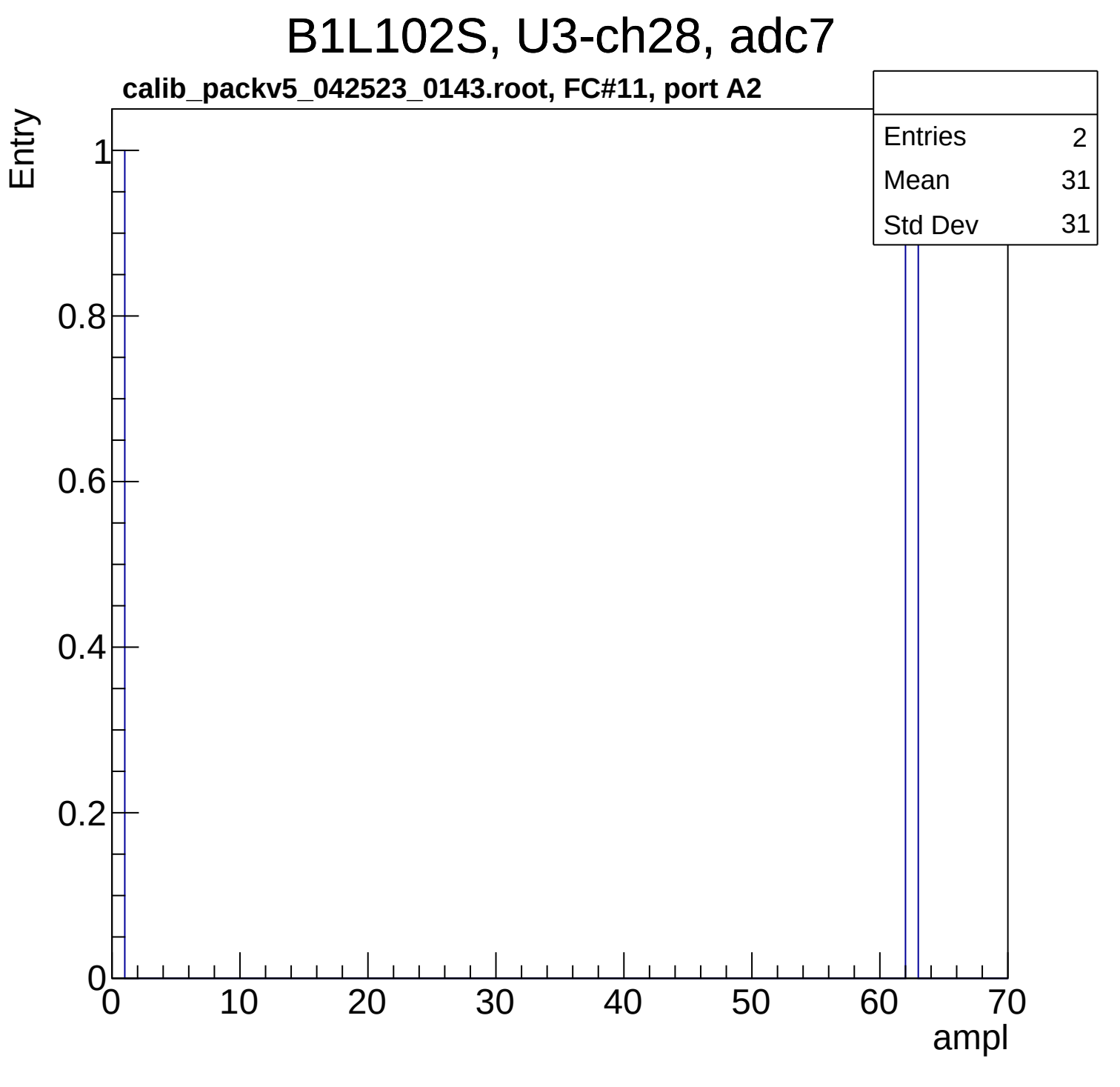

B1L102S, U3-ch28, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 41.81
Std Dev 2.921
Gaus mean : 42.4954
Gaus Width: 3.3872
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

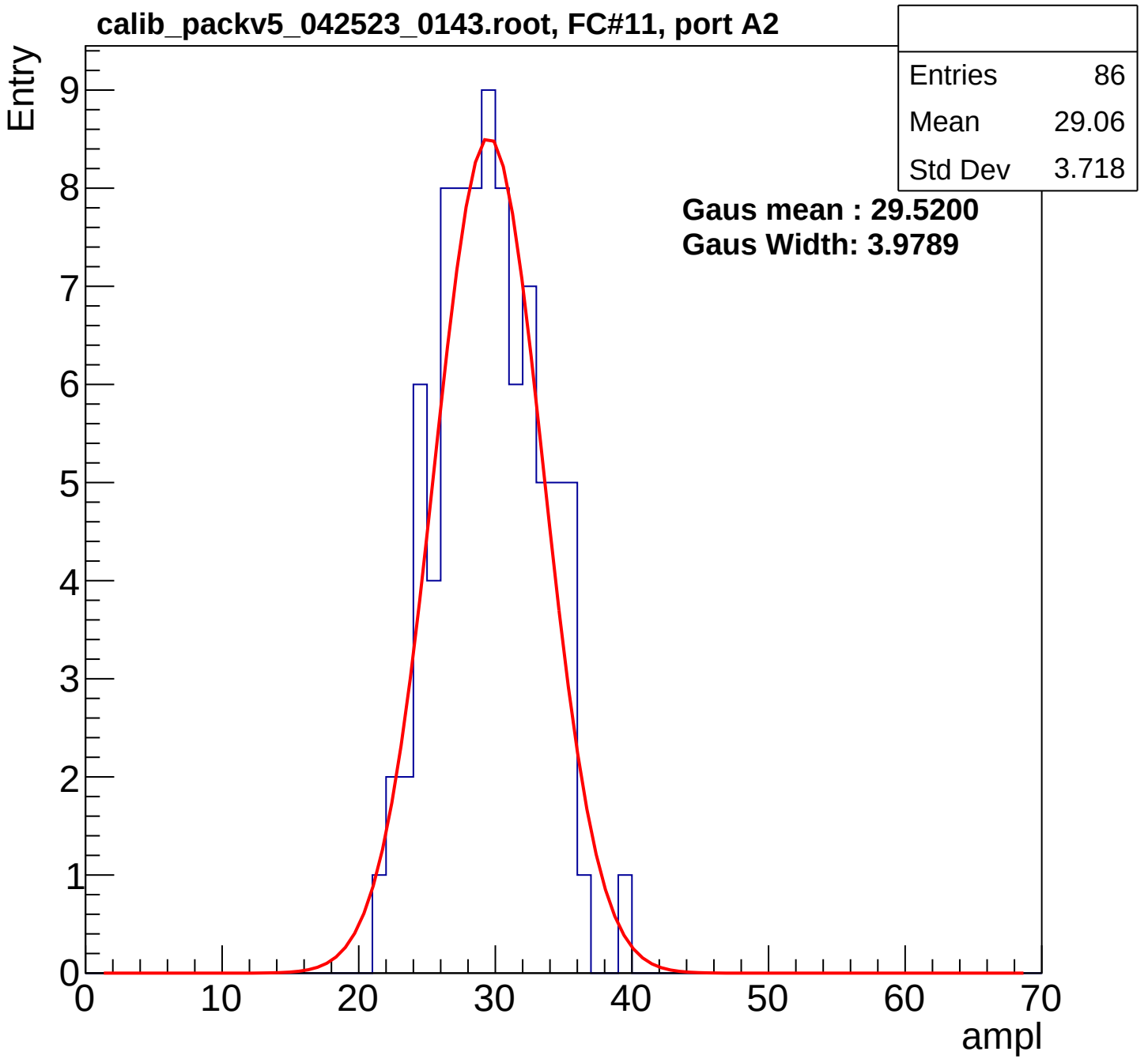

B1L102S, U3-ch28, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 47.95
Std Dev 3.304
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

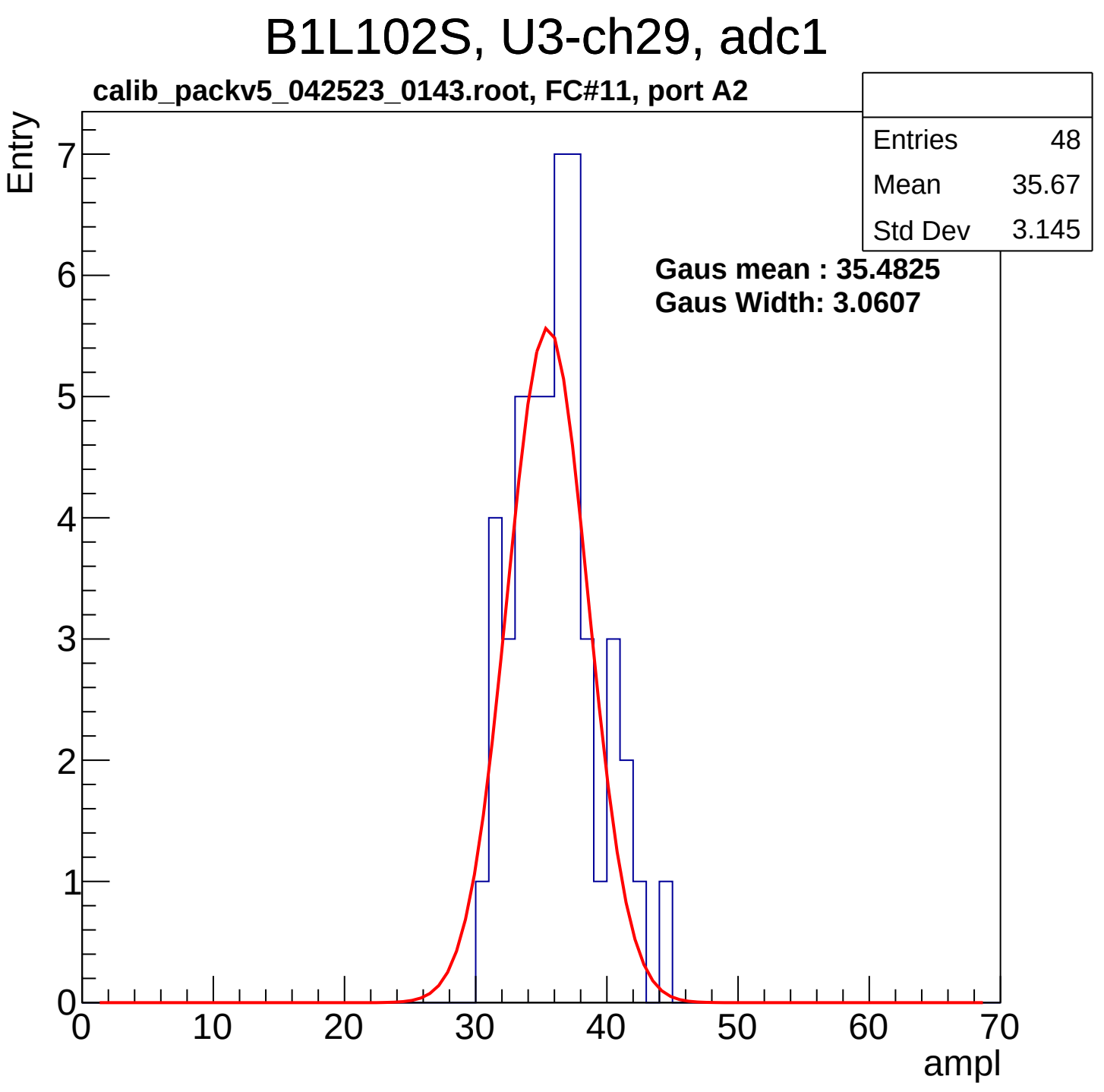

B1L102S, U3-ch28, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 53.85
Std Dev 3.571
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

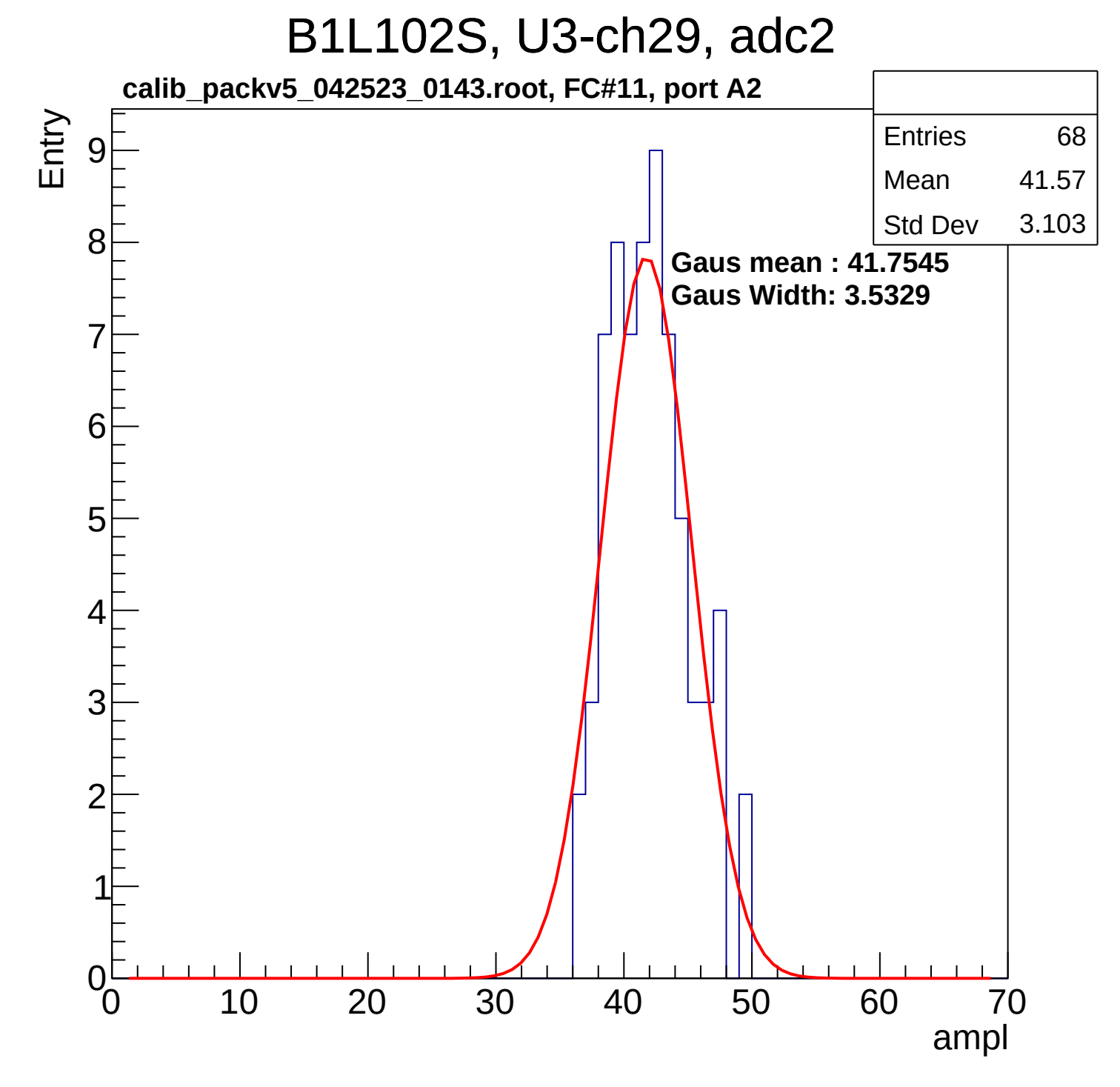

B1L102S, U3-ch28, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 57.64
Std Dev 8.344
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch28, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 62.09
Std Dev 1.164
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch28, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch29, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 86
Mean 29.06
Std Dev 3.718
Gaus mean : 29.5200
Gaus Width: 3.9789
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch29, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 35.67
Std Dev 3.145
Gaus mean : 35.4825
Gaus Width: 3.0607
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch29, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 41.57
Std Dev 3.103
Gaus mean : 41.7545
Gaus Width: 3.5329
Entry
ampl
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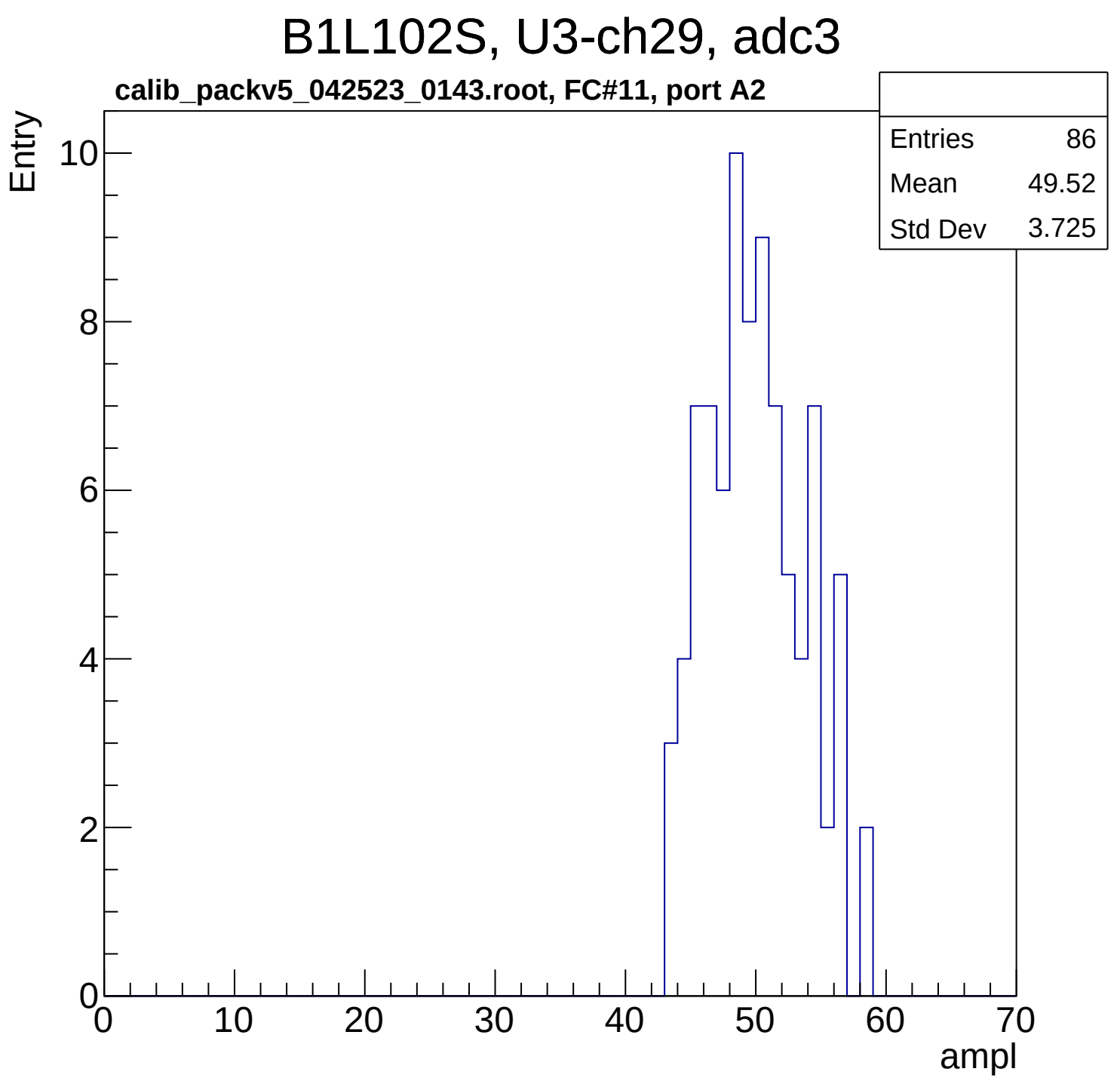
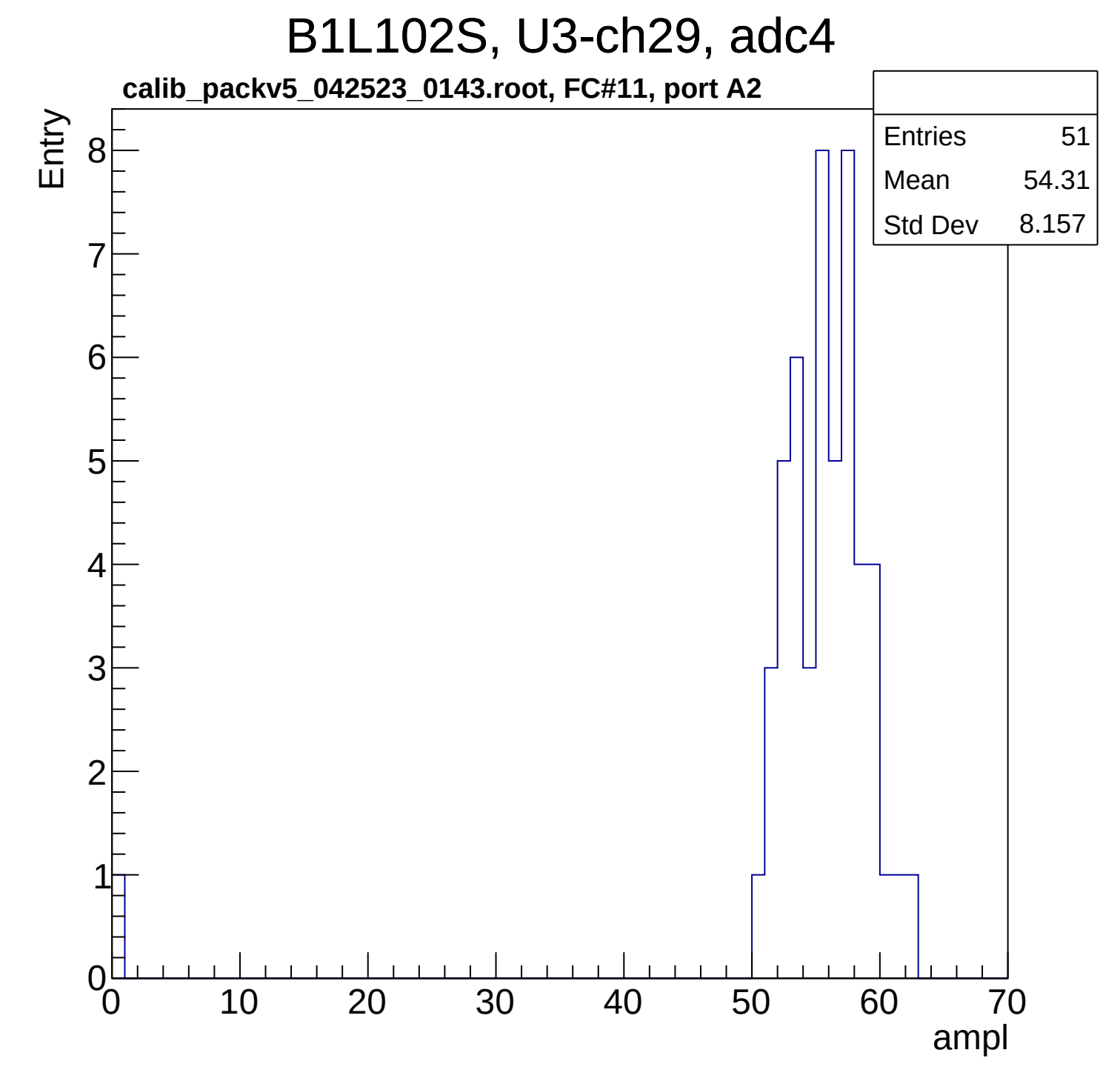
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U3-ch29, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 86
Mean 49.52
Std Dev 3.725
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch29, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 54.31
Std Dev 8.157
Entry
ampl
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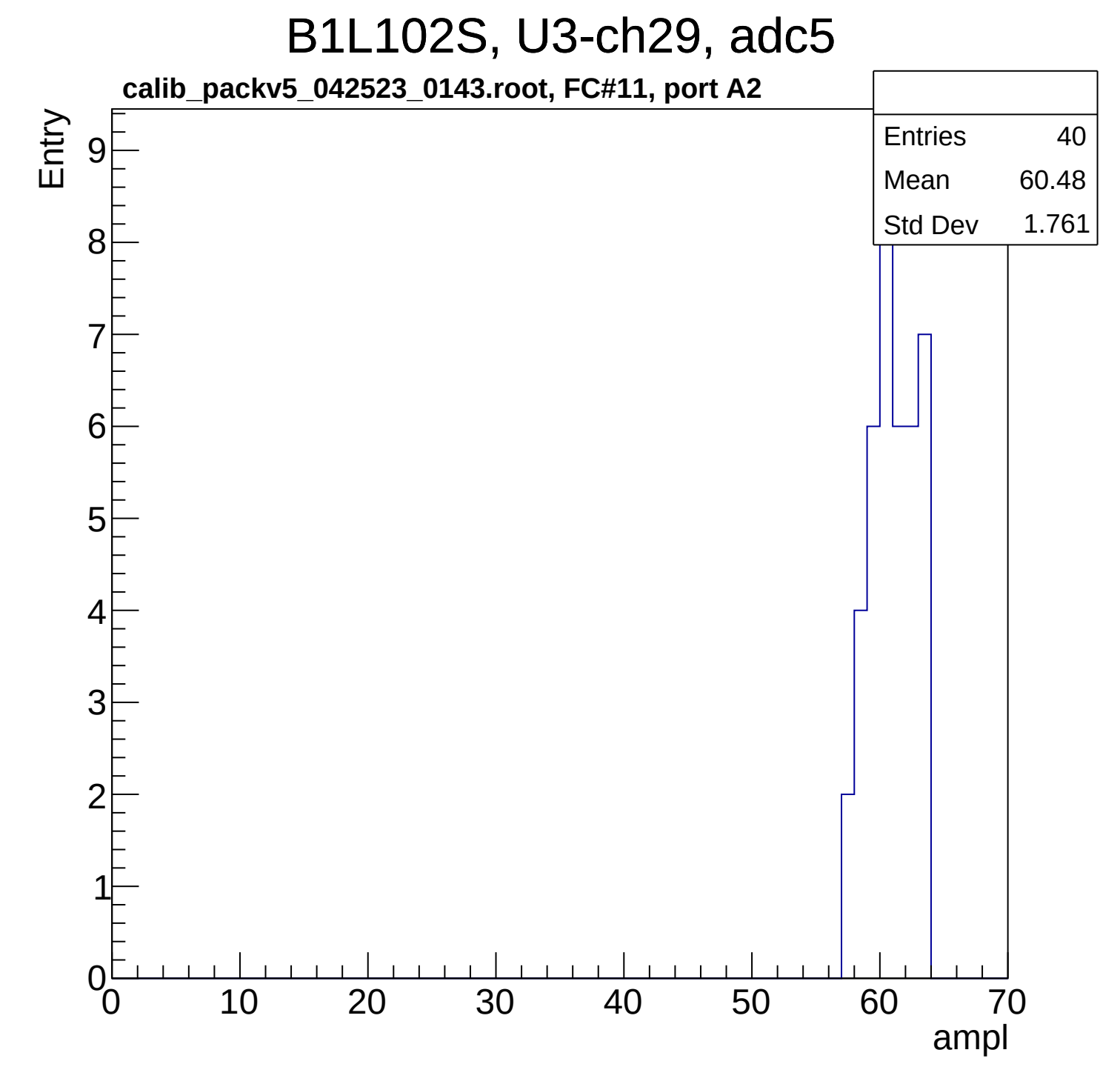
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch29, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 60.48
Std Dev 1.761
Entry
ampl
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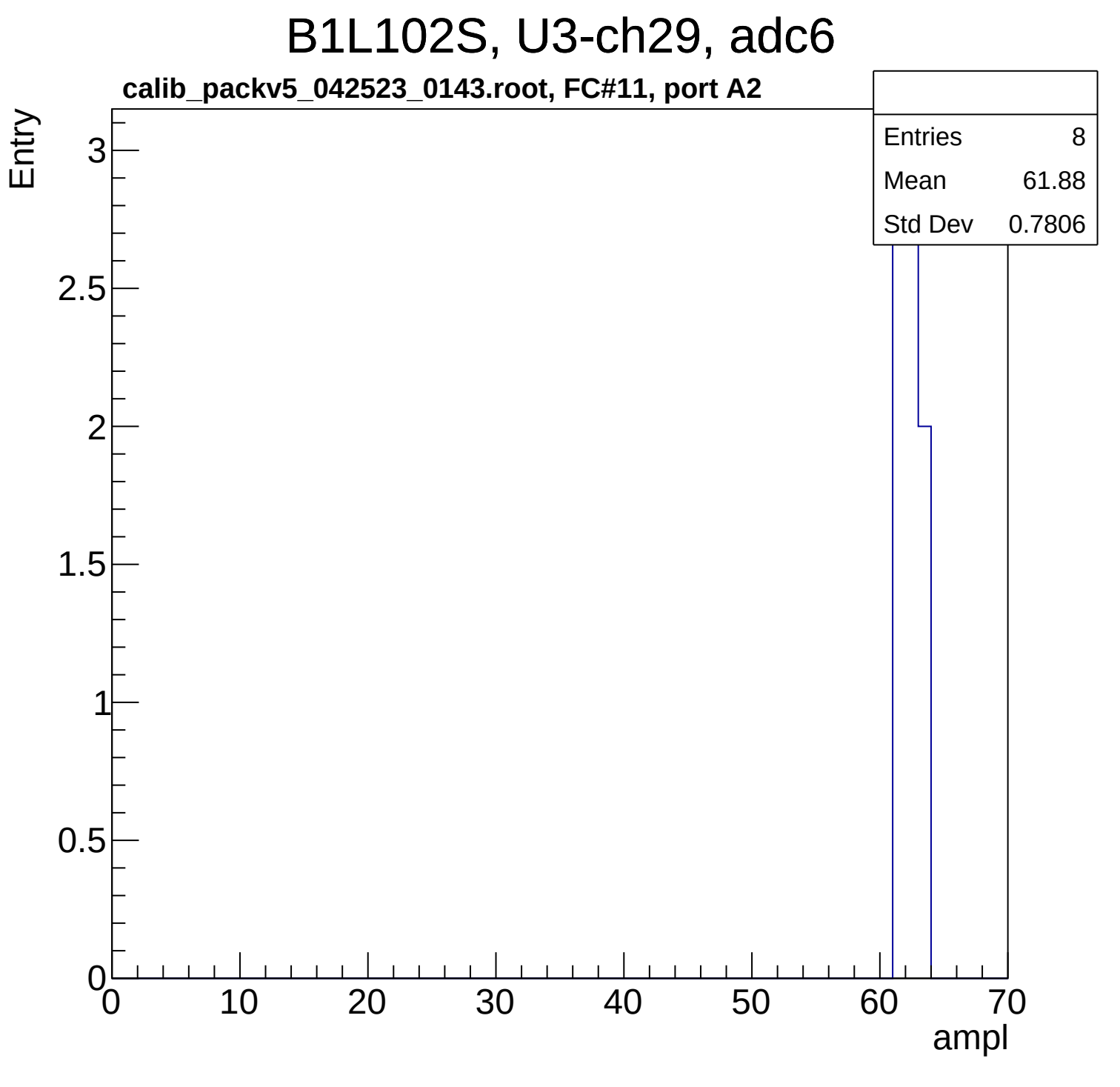
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch29, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 61.88
Std Dev 0.7806
Entry
ampl
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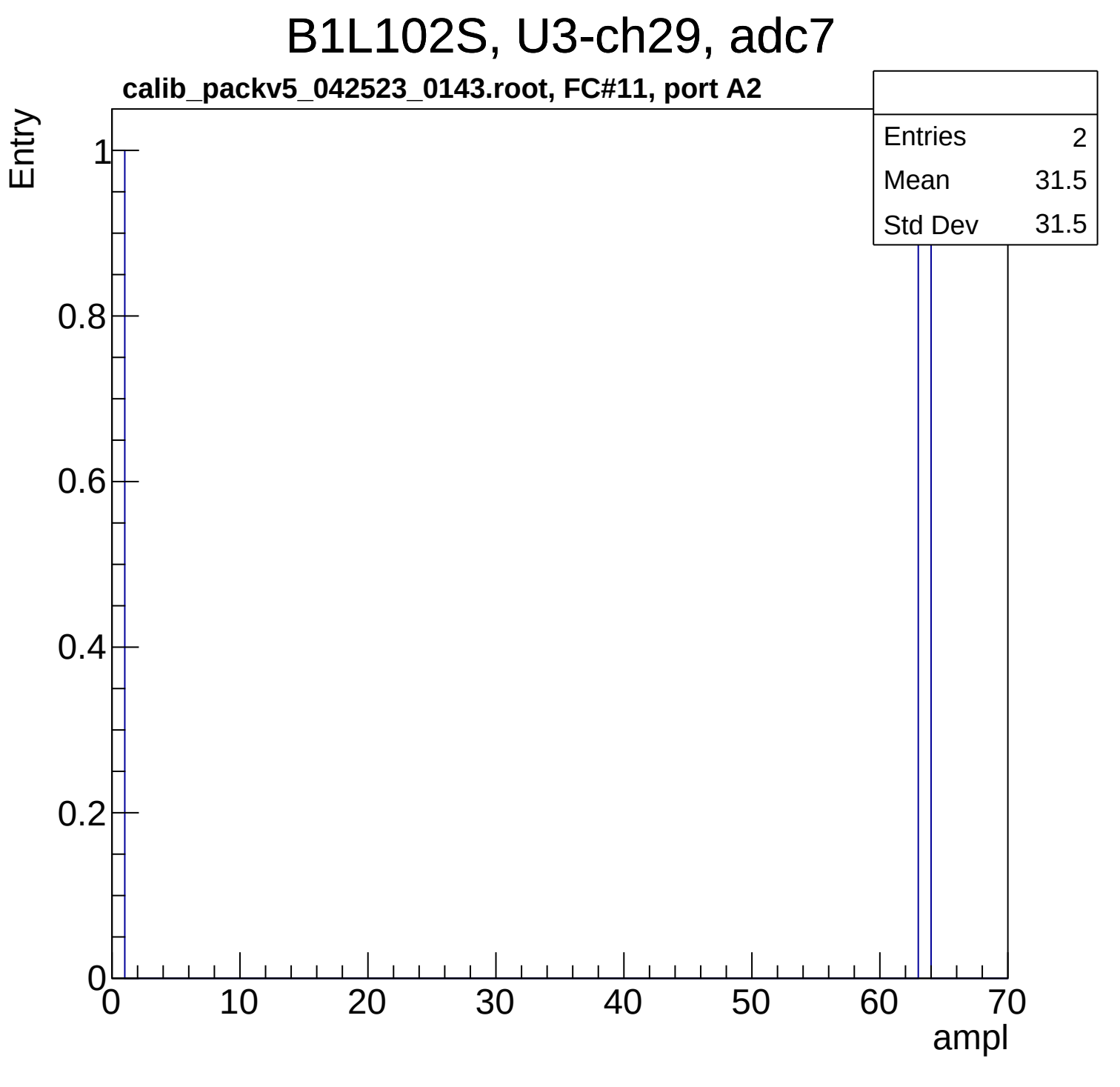
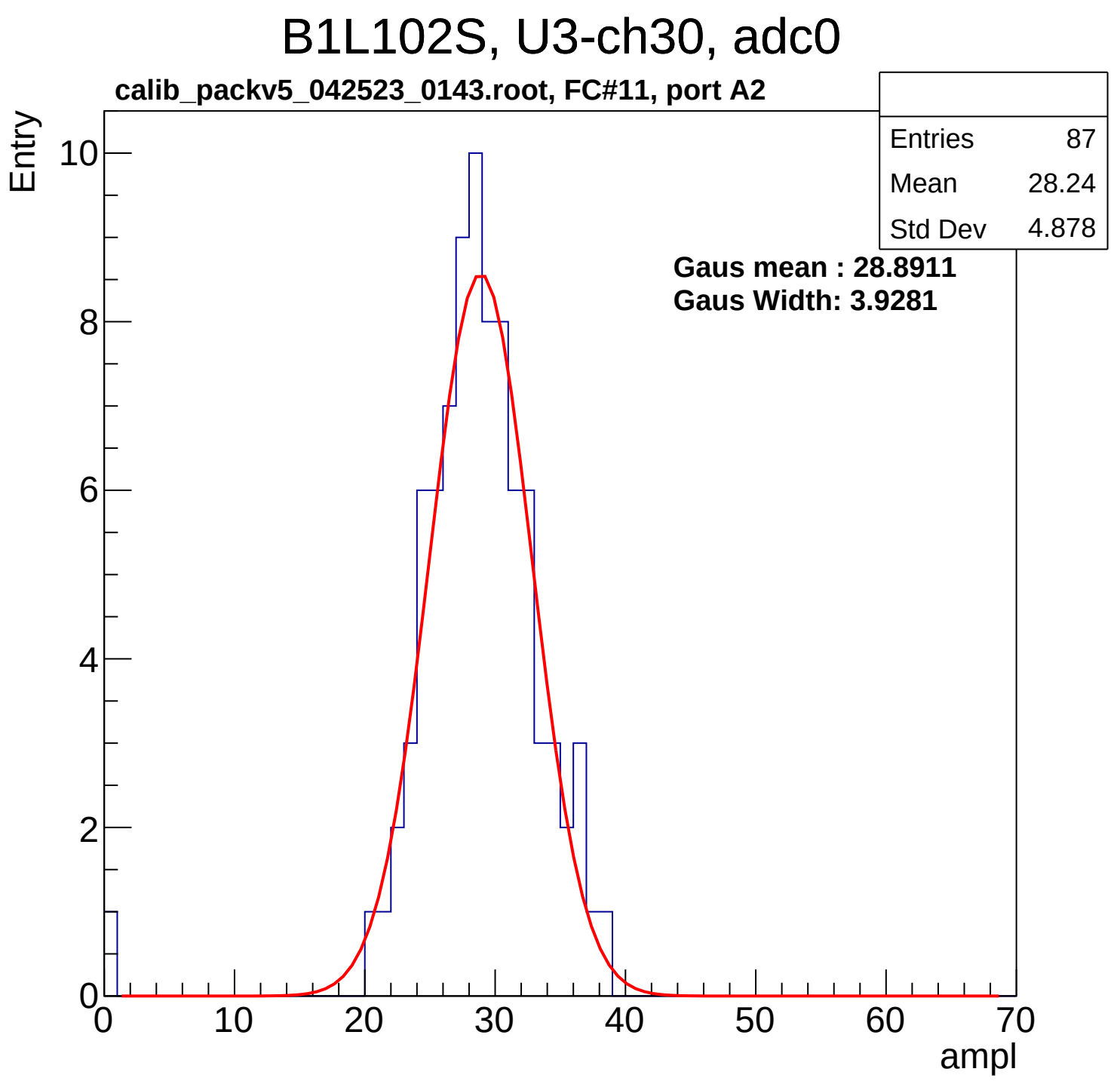
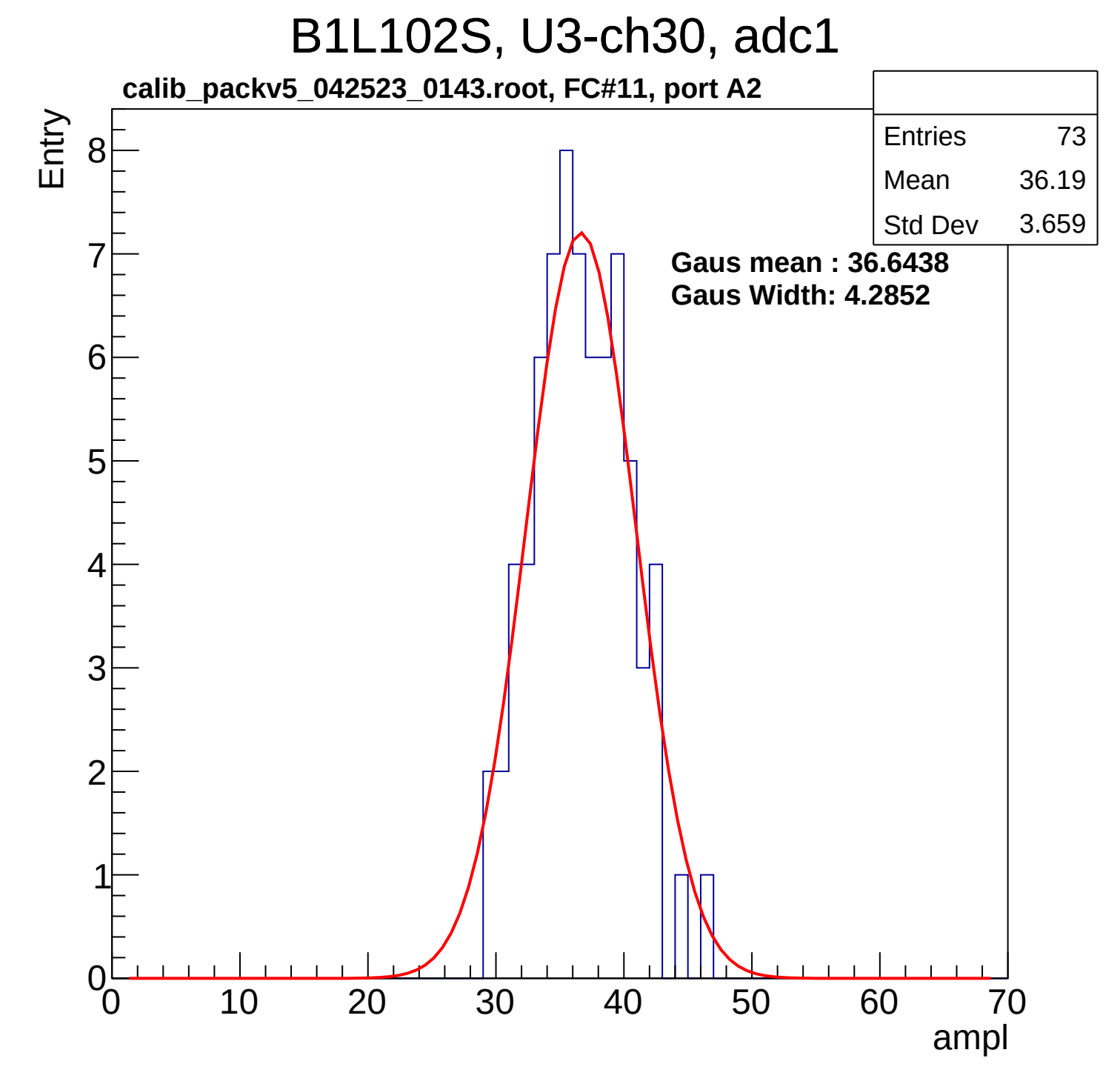
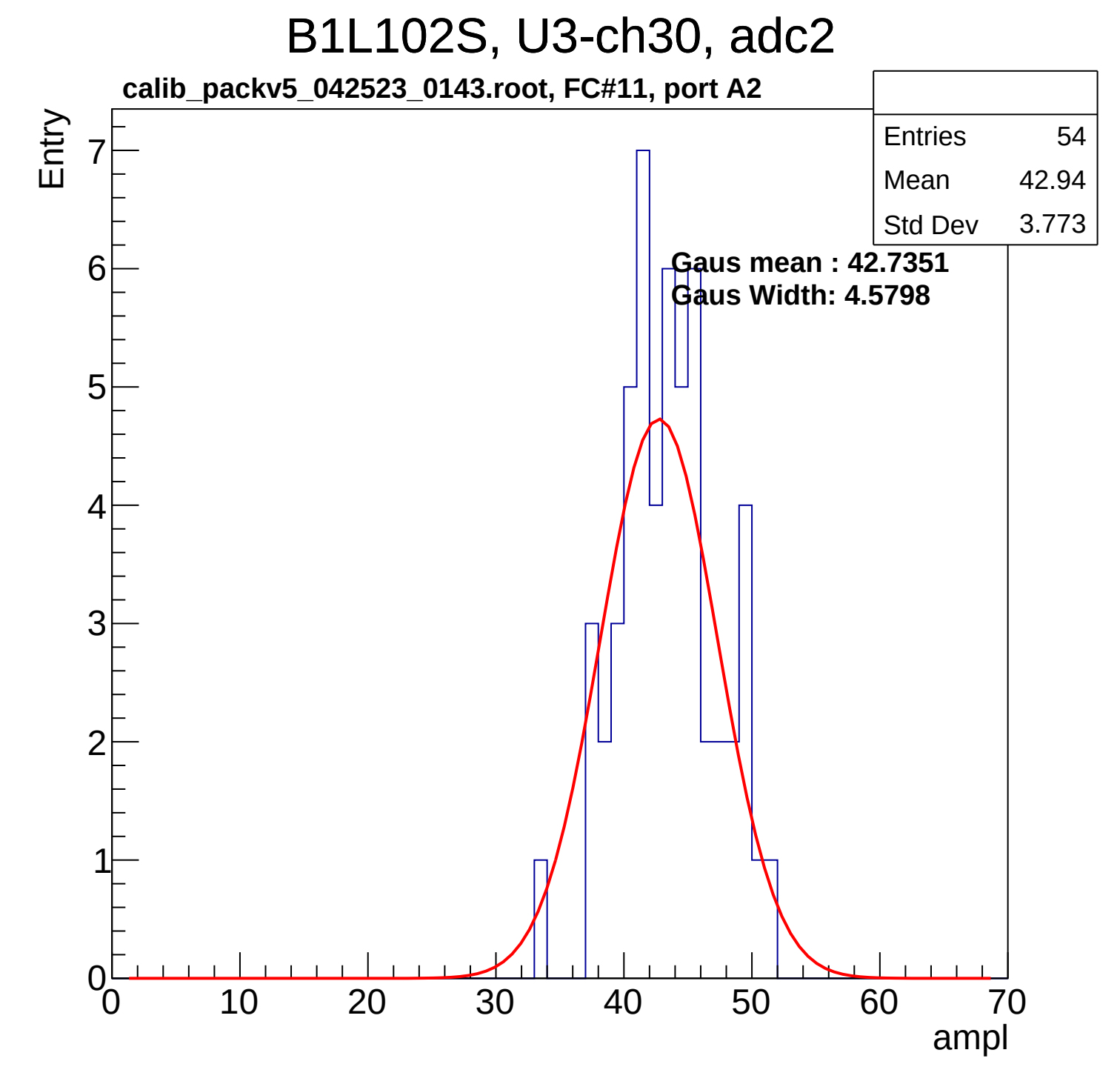
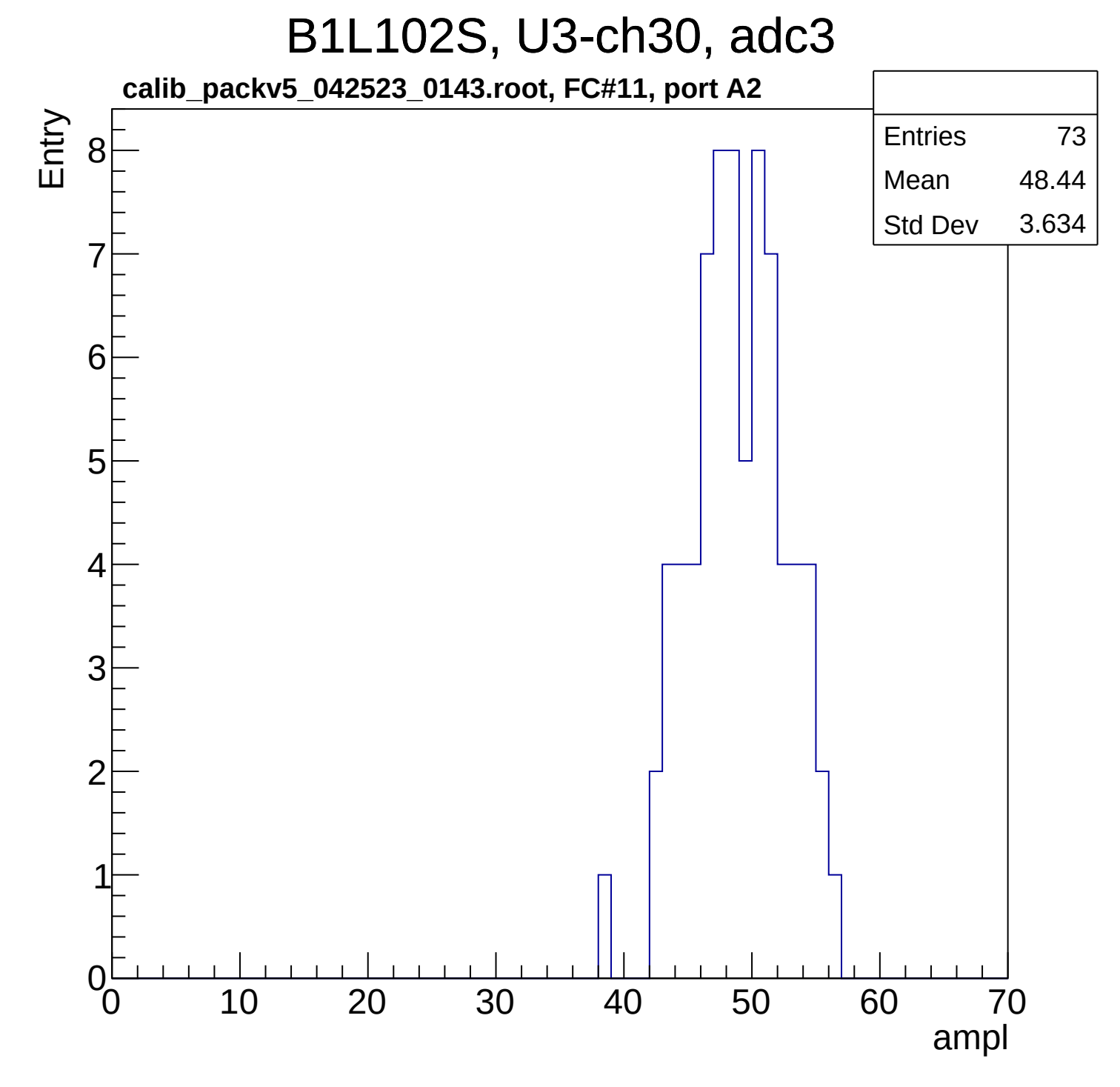
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch29, 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, U3-ch30, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 87
Mean 28.24
Std Dev 4.878
Gaus mean : 28.8911
Gaus Width: 3.9281
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch30, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 36.19
Std Dev 3.659
Gaus mean : 36.6438
Gaus Width: 4.2852
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch30, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 42.94
Std Dev 3.773
Gaus mean : 42.7351
Gaus Width: 4.5798
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch30, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 48.44
Std Dev 3.634
Entry
ampl
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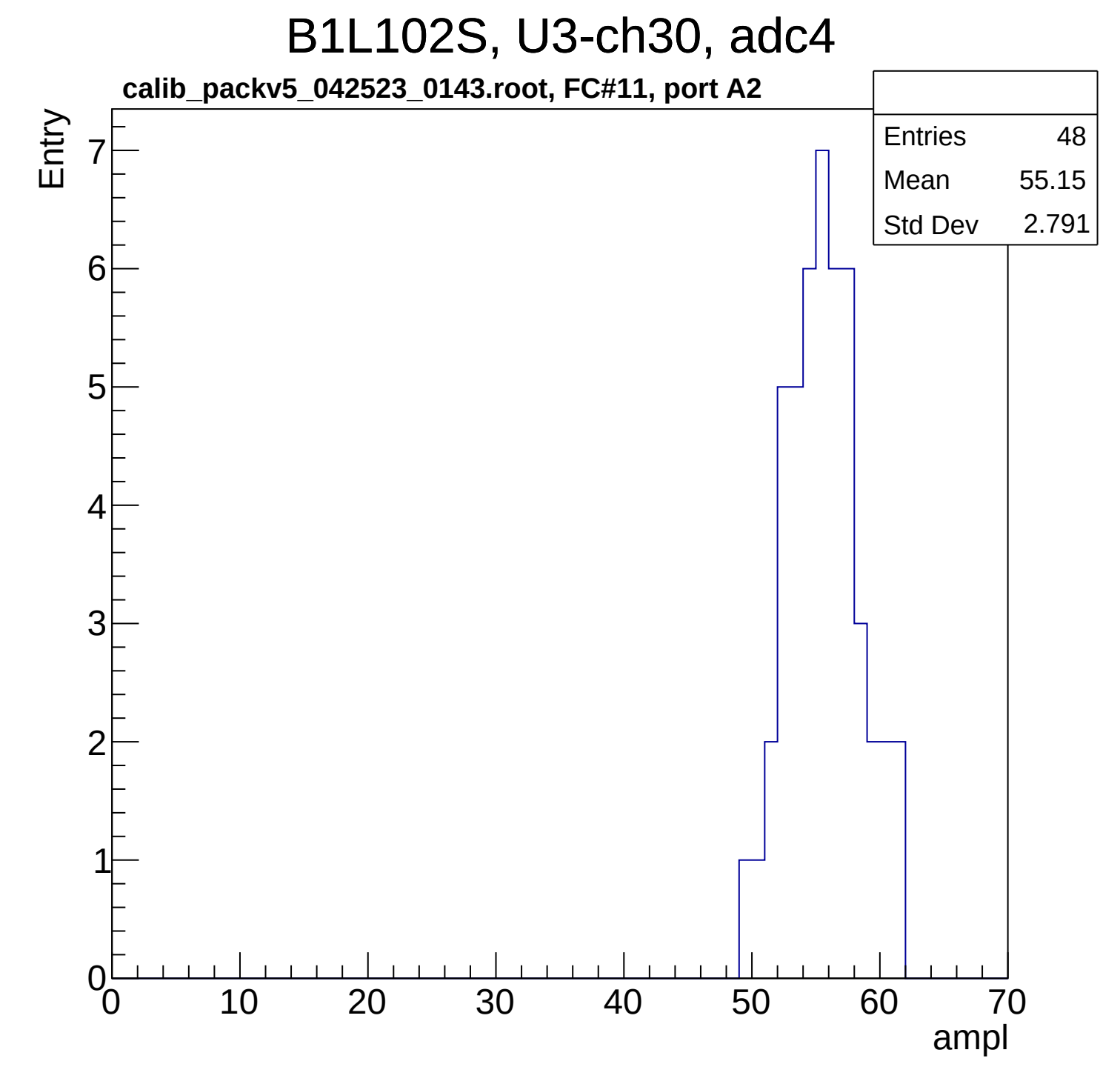
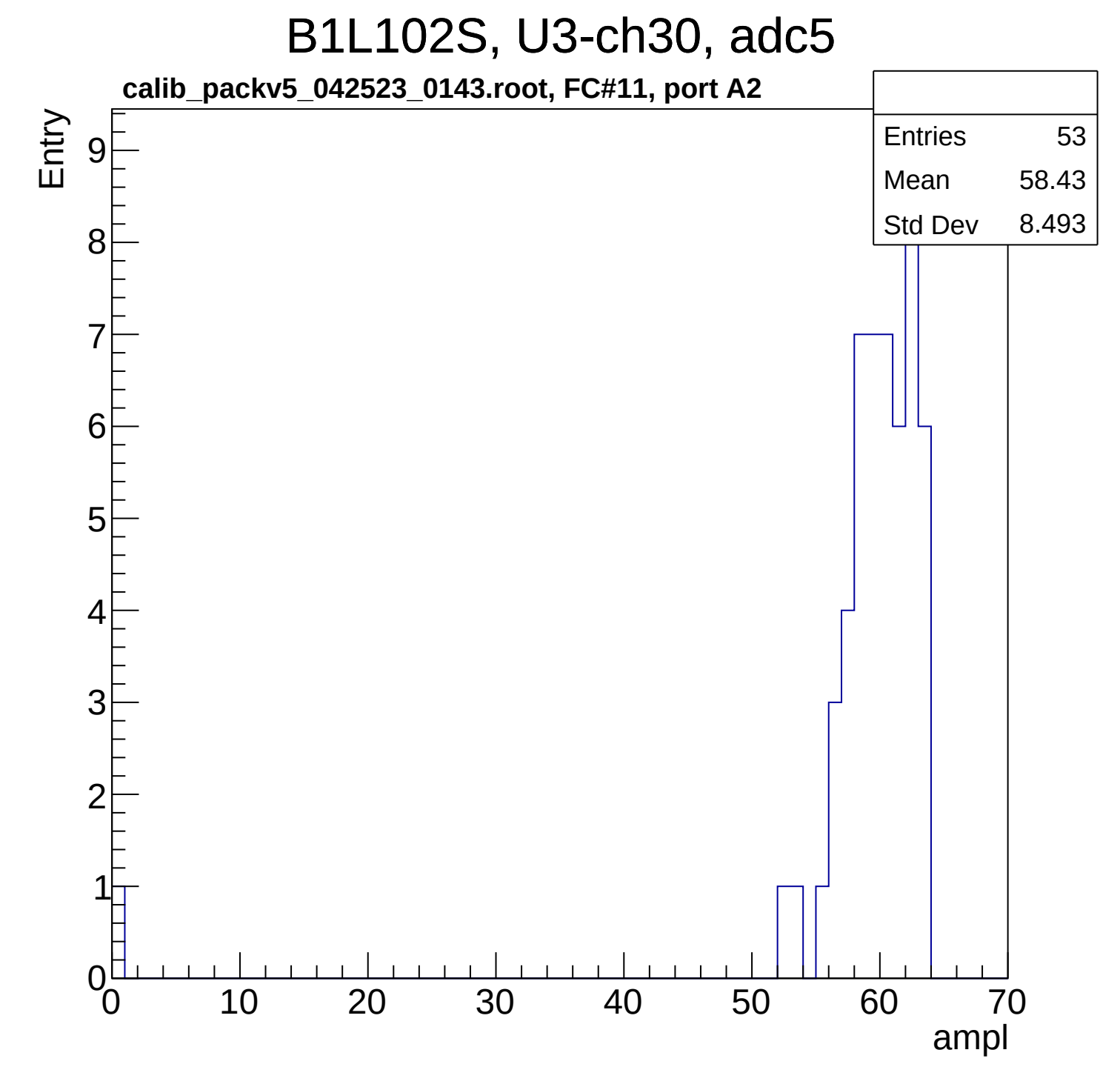
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch30, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 55.15
Std Dev 2.791
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch30, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 58.43
Std Dev 8.493
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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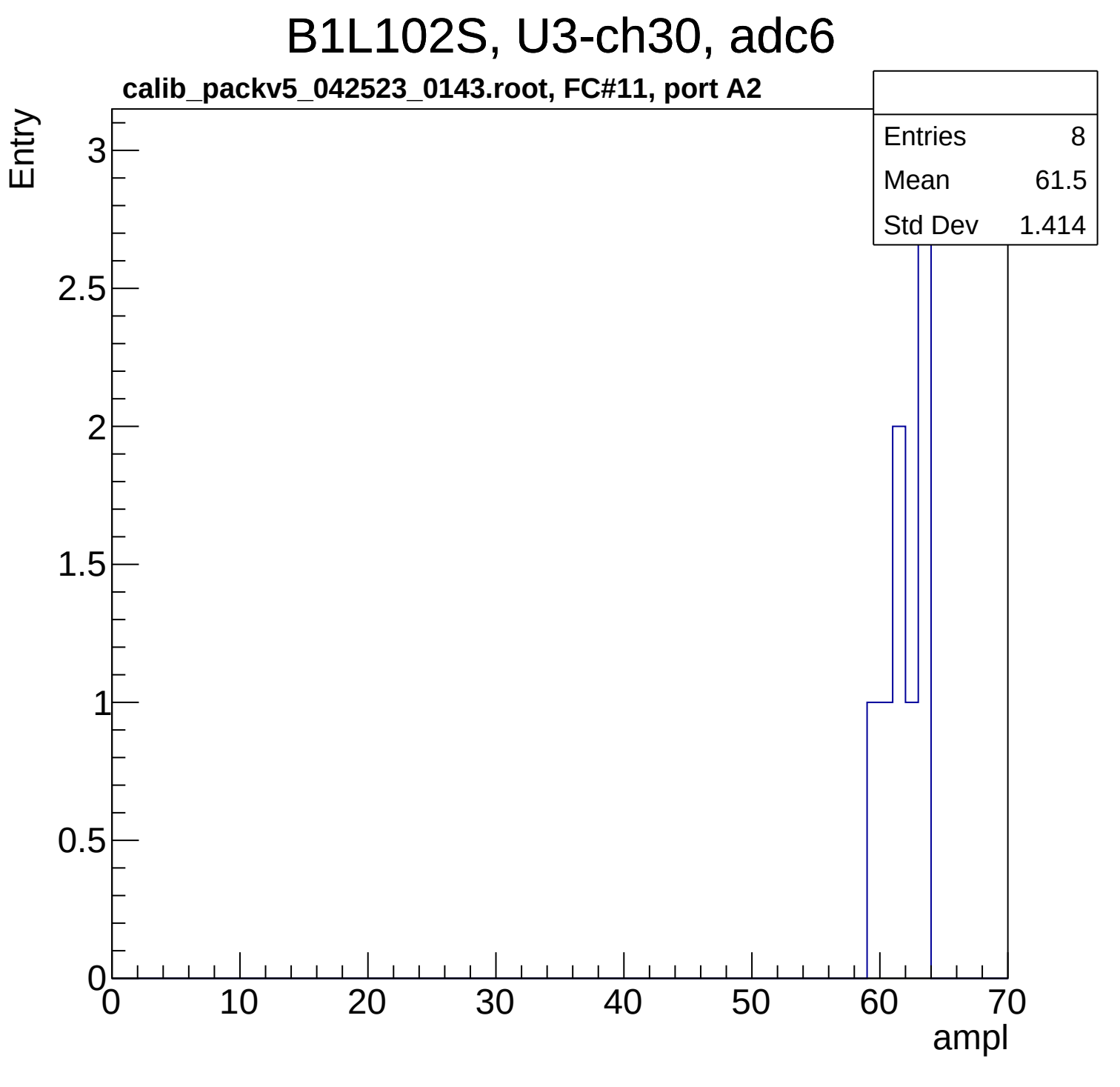
B1L102S, U3-ch30, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 61.5
Std Dev 1.414
Entry
ampl
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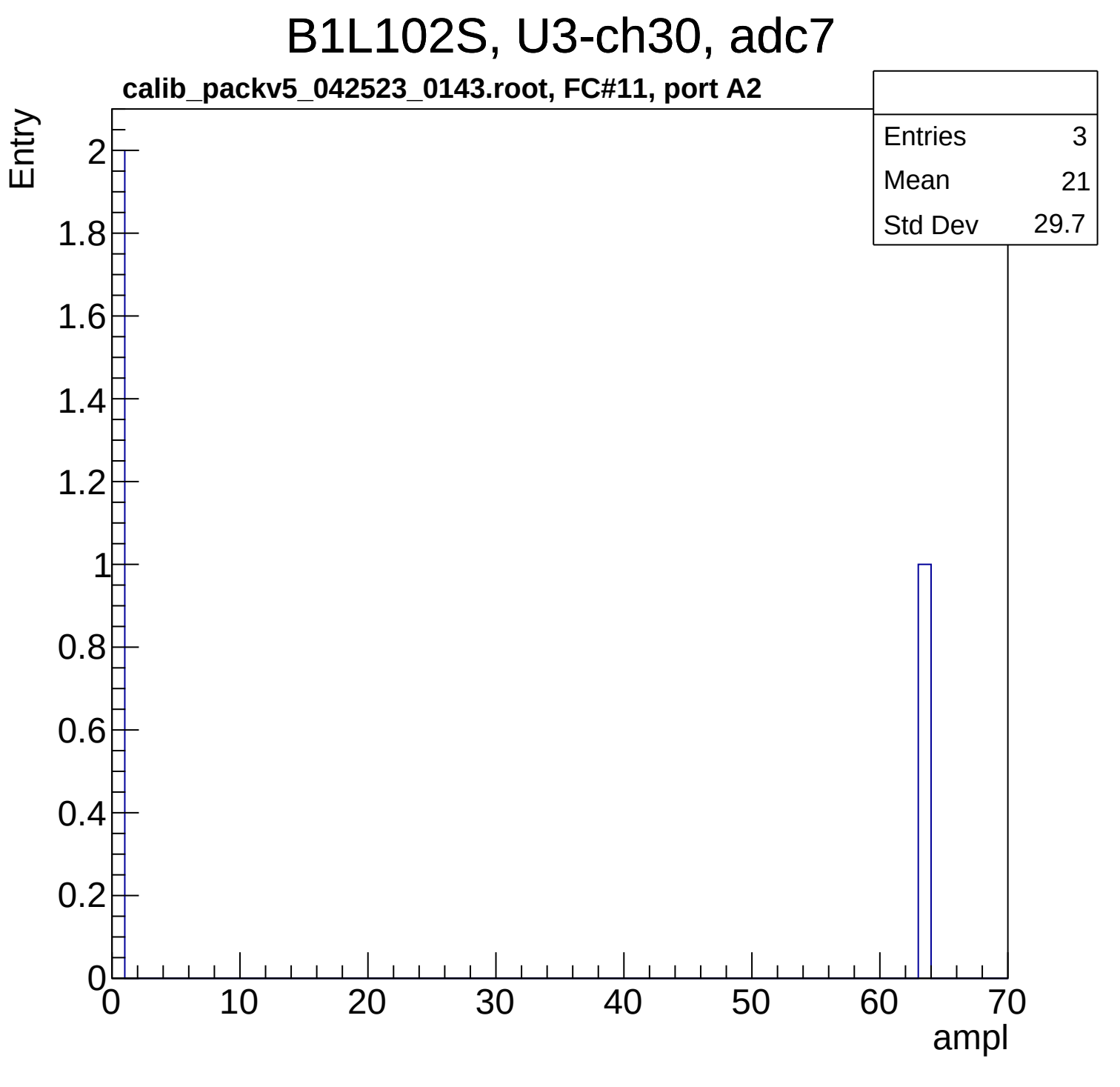
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch30, 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
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40
50
60
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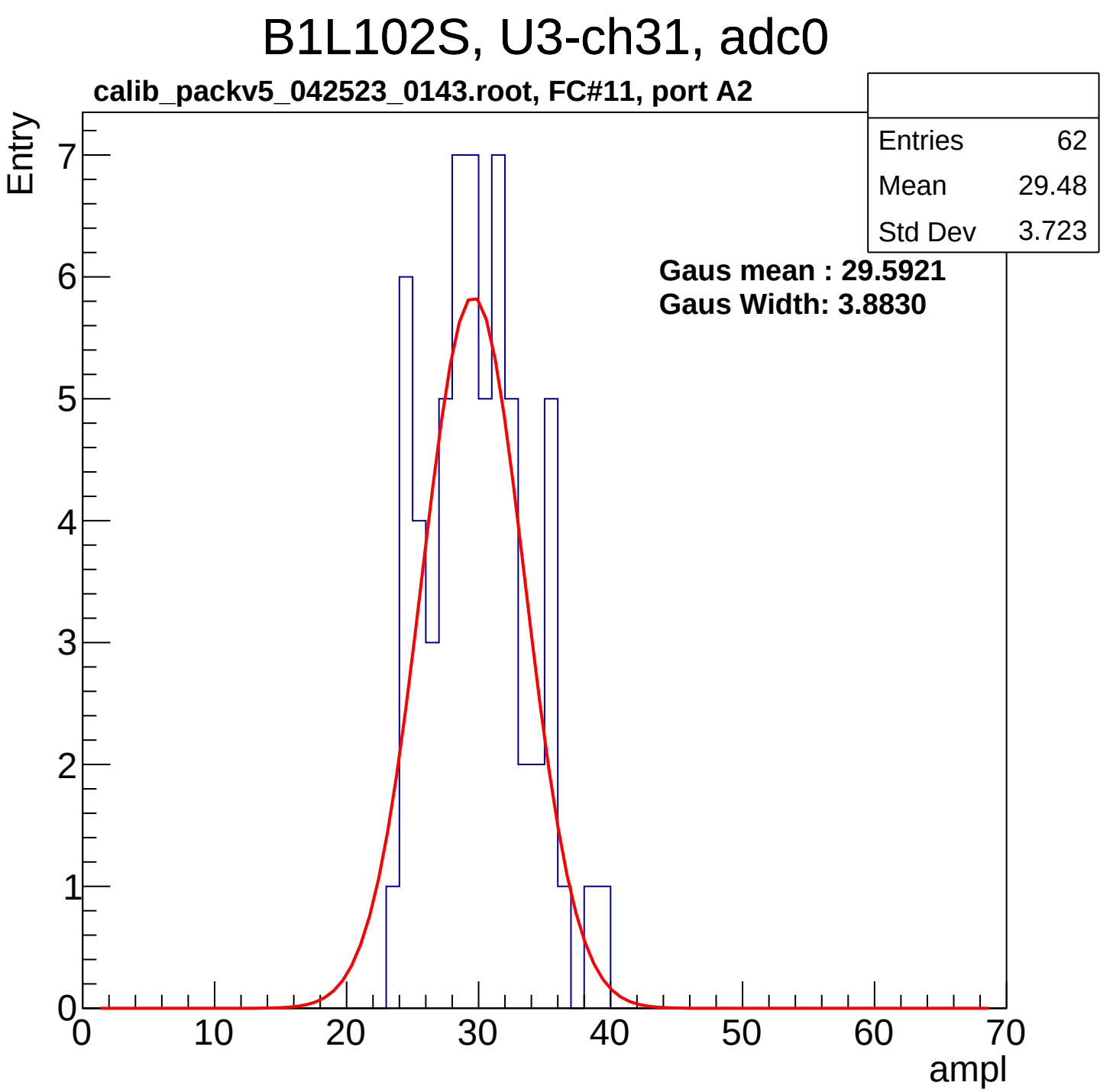
B1L102S, U3-ch31, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 29.48
Std Dev 3.723
Gaus mean : 29.5921
Gaus Width: 3.8830
Entry
ampl
0
1
2
3
4
5
6
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0
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40
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60
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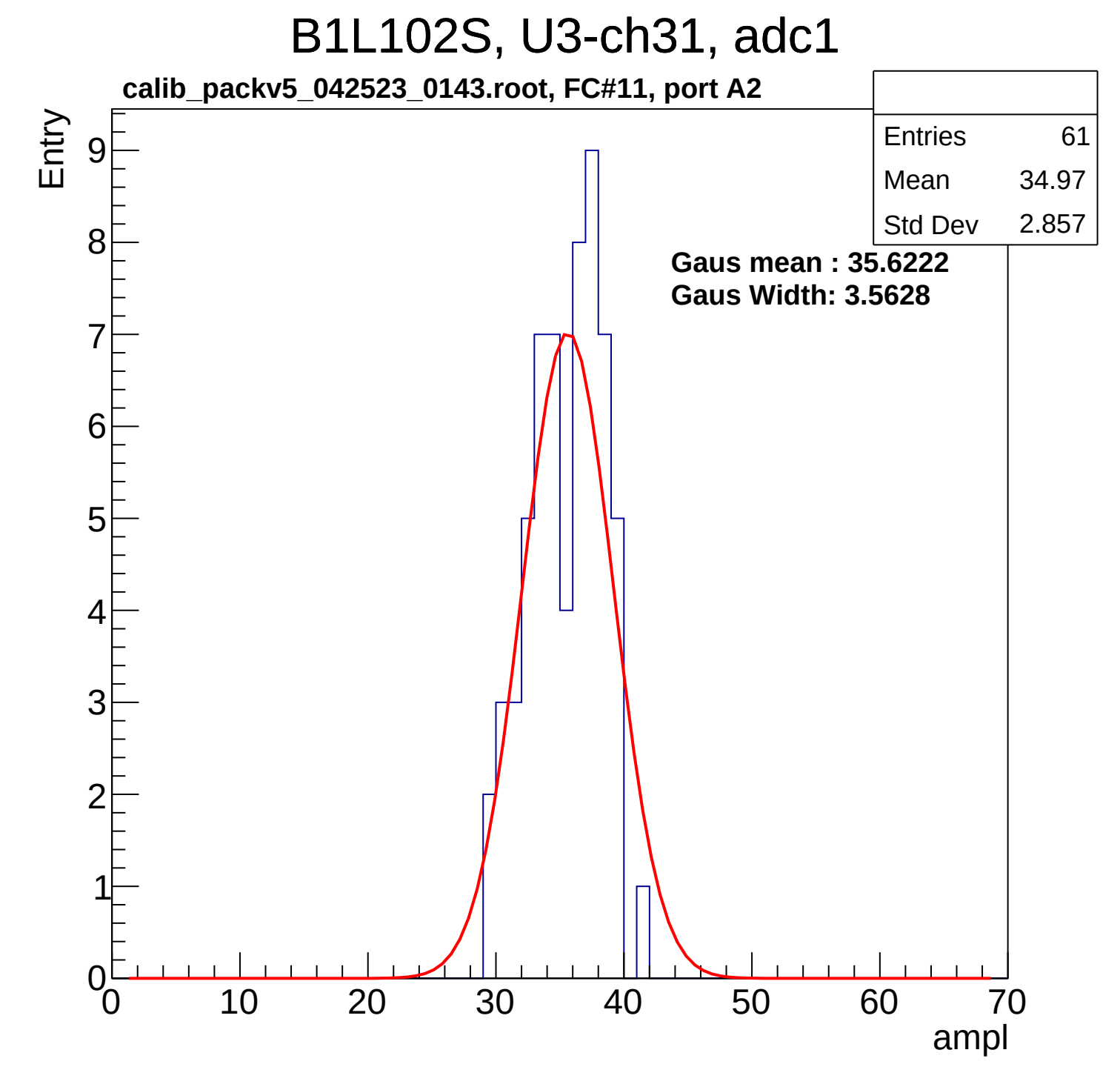
B1L102S, U3-ch31, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 34.97
Std Dev 2.857
Gaus mean : 35.6222
Gaus Width: 3.5628
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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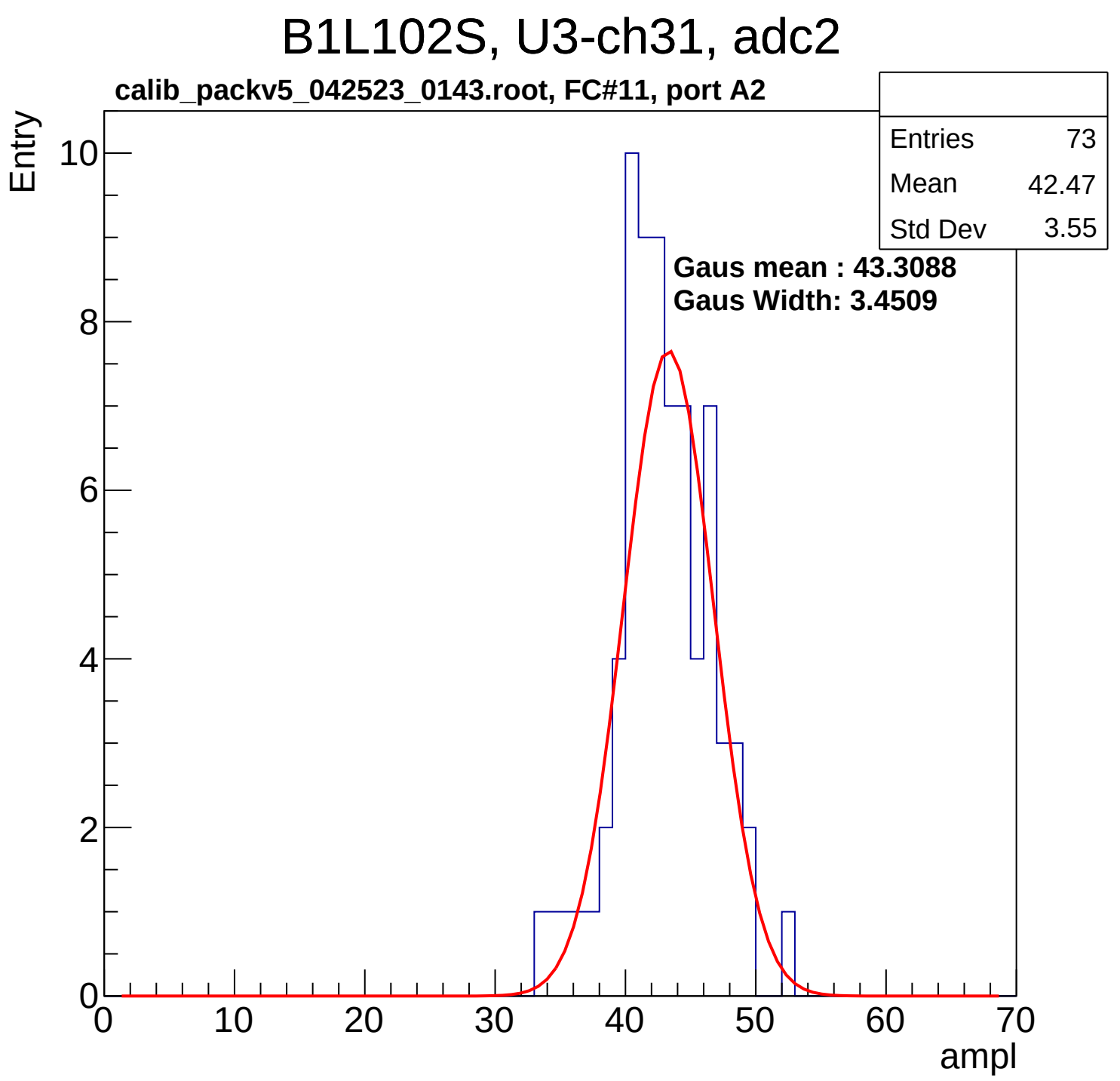
B1L102S, U3-ch31, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 42.47
Std Dev 3.55
Gaus mean : 43.3088
Gaus Width: 3.4509
Entry
ampl
0
2
4
6
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60
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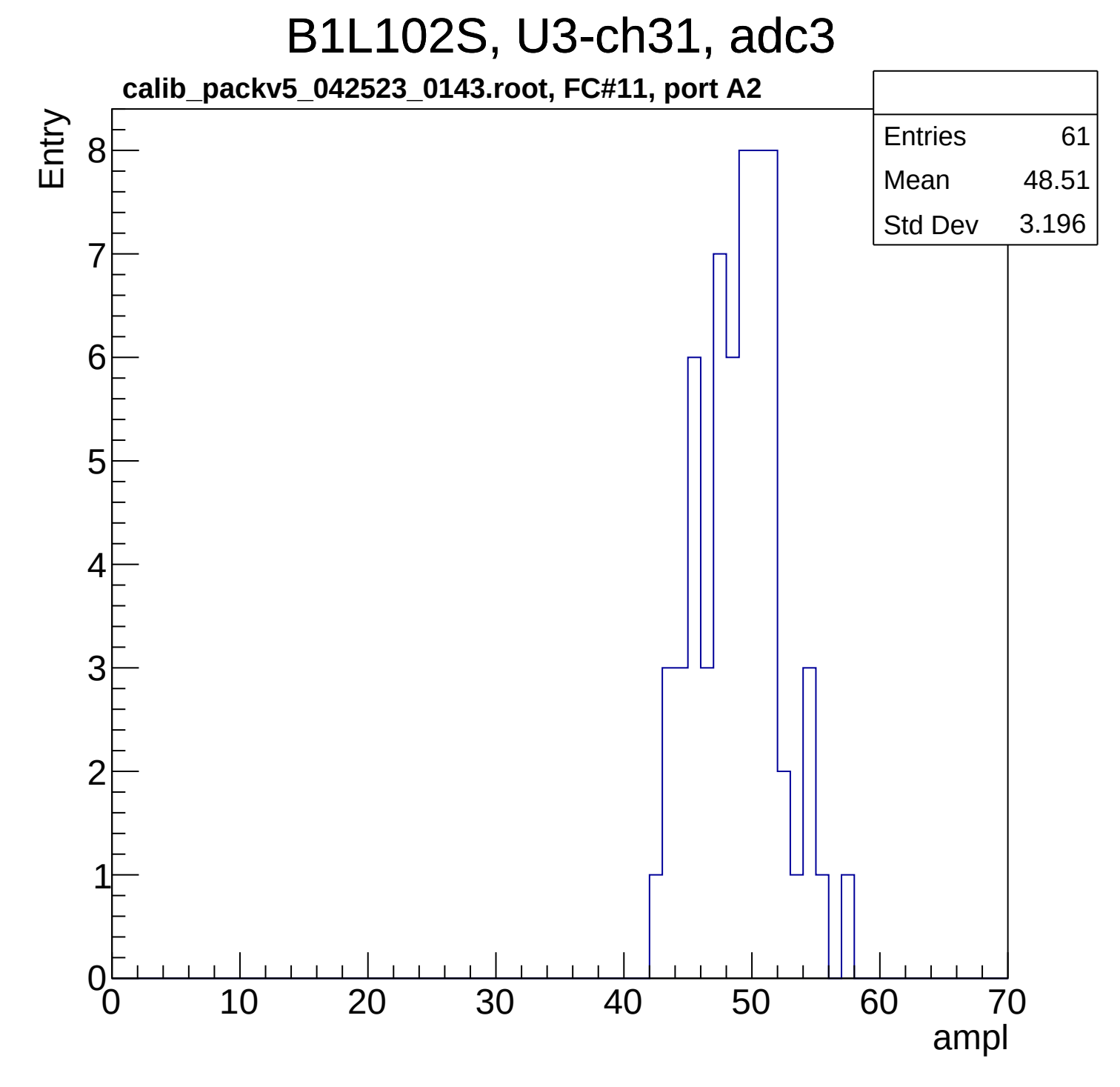
B1L102S, U3-ch31, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 48.51
Std Dev 3.196
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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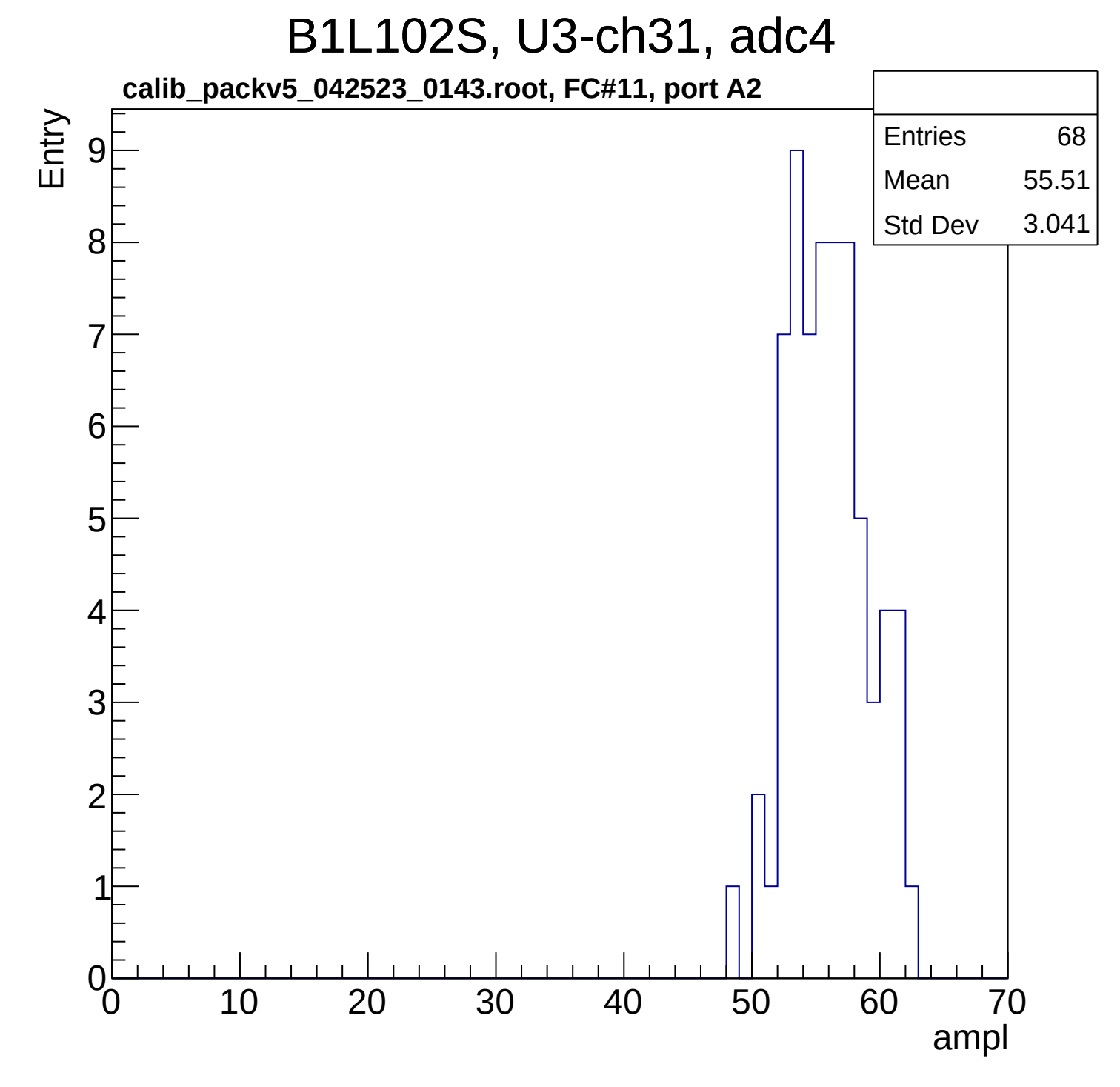
B1L102S, U3-ch31, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 55.51
Std Dev 3.041
Entry
ampl
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2
3
4
5
6
7
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0
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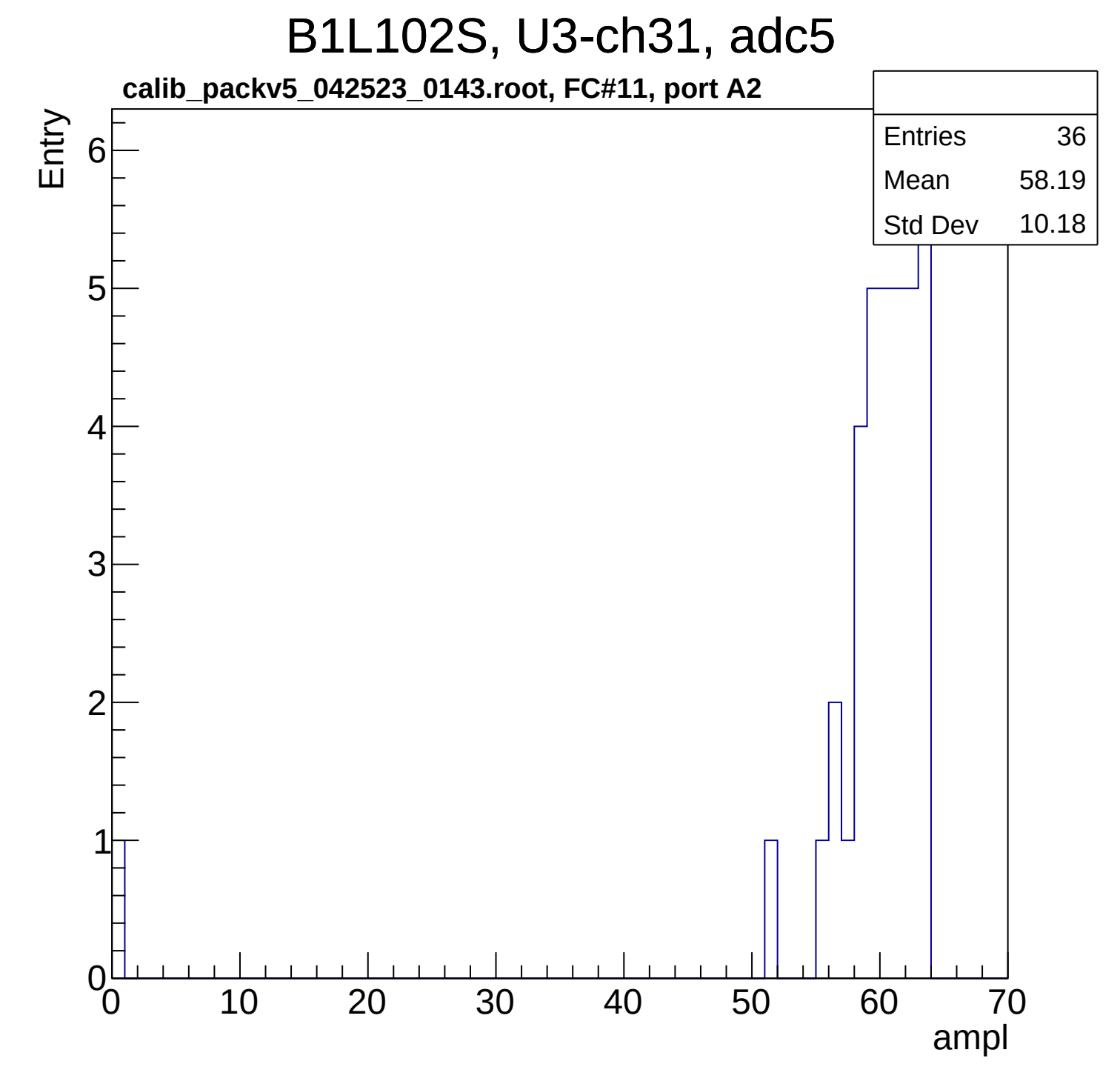
B1L102S, U3-ch31, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 36
Mean 58.19
Std Dev 10.18
Entry
ampl
0
1
2
3
4
5
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0
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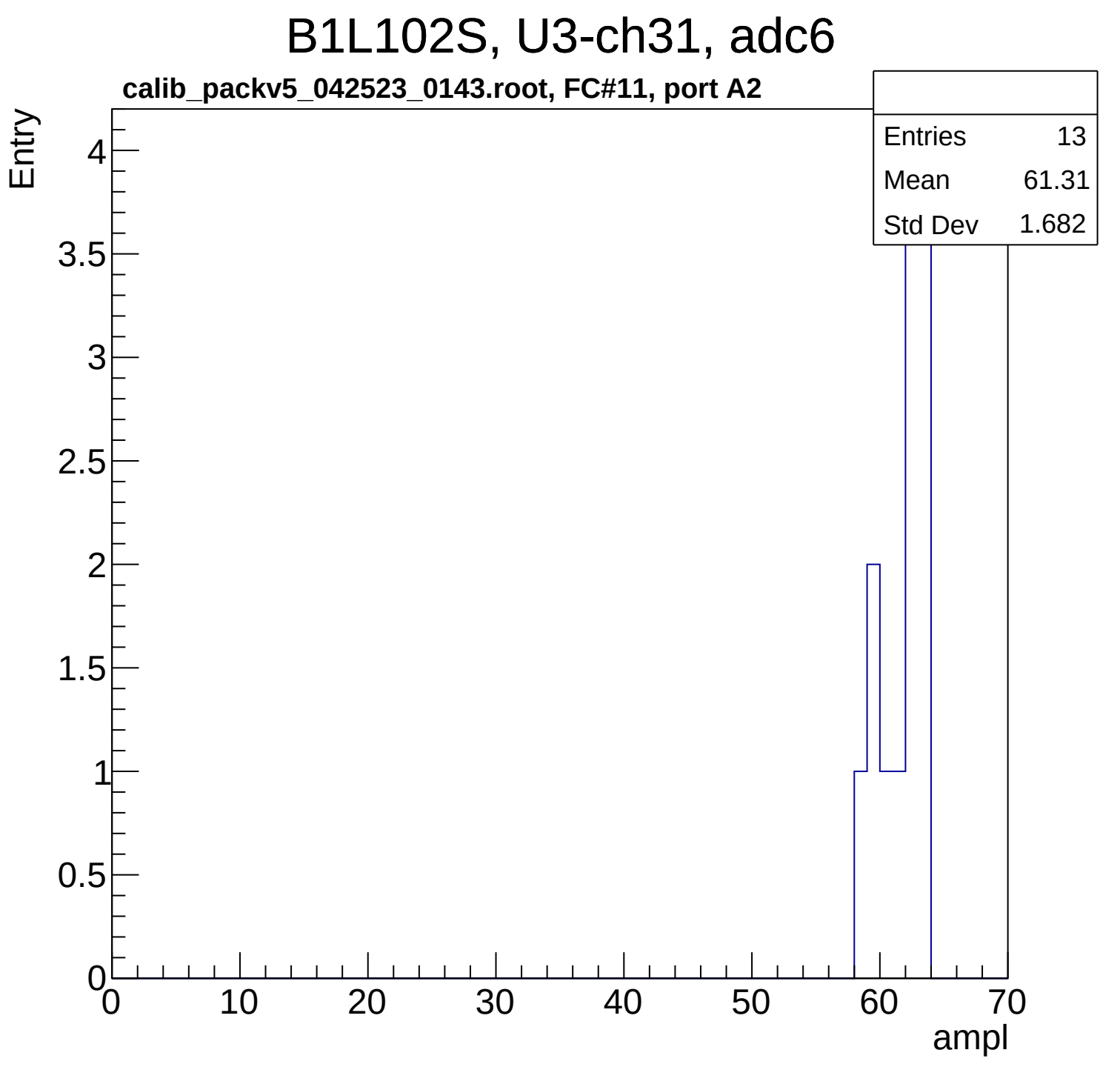
B1L102S, U3-ch31, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.31
Std Dev 1.682
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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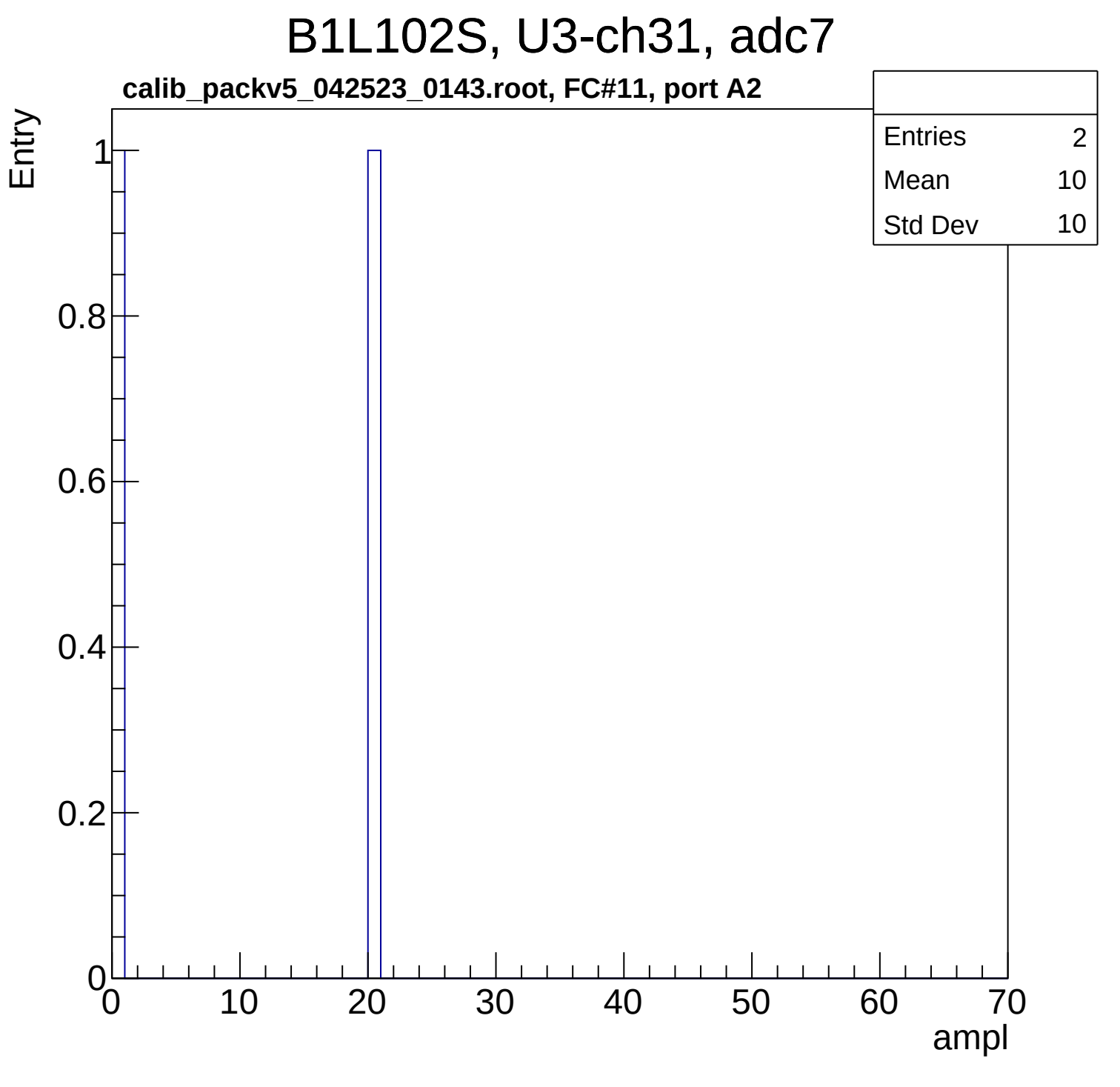
B1L102S, U3-ch31, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 10
Std Dev 10
Entry
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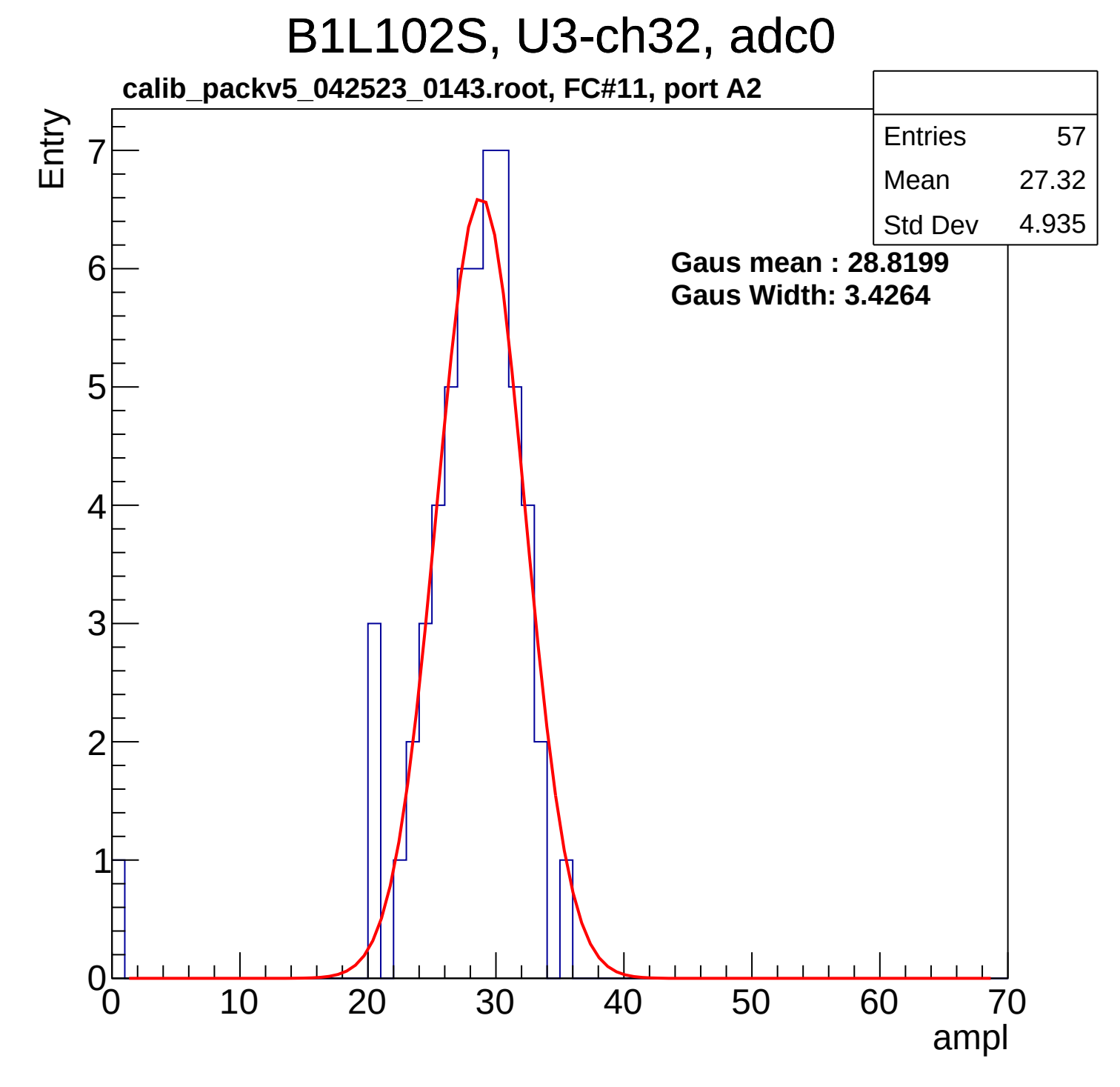
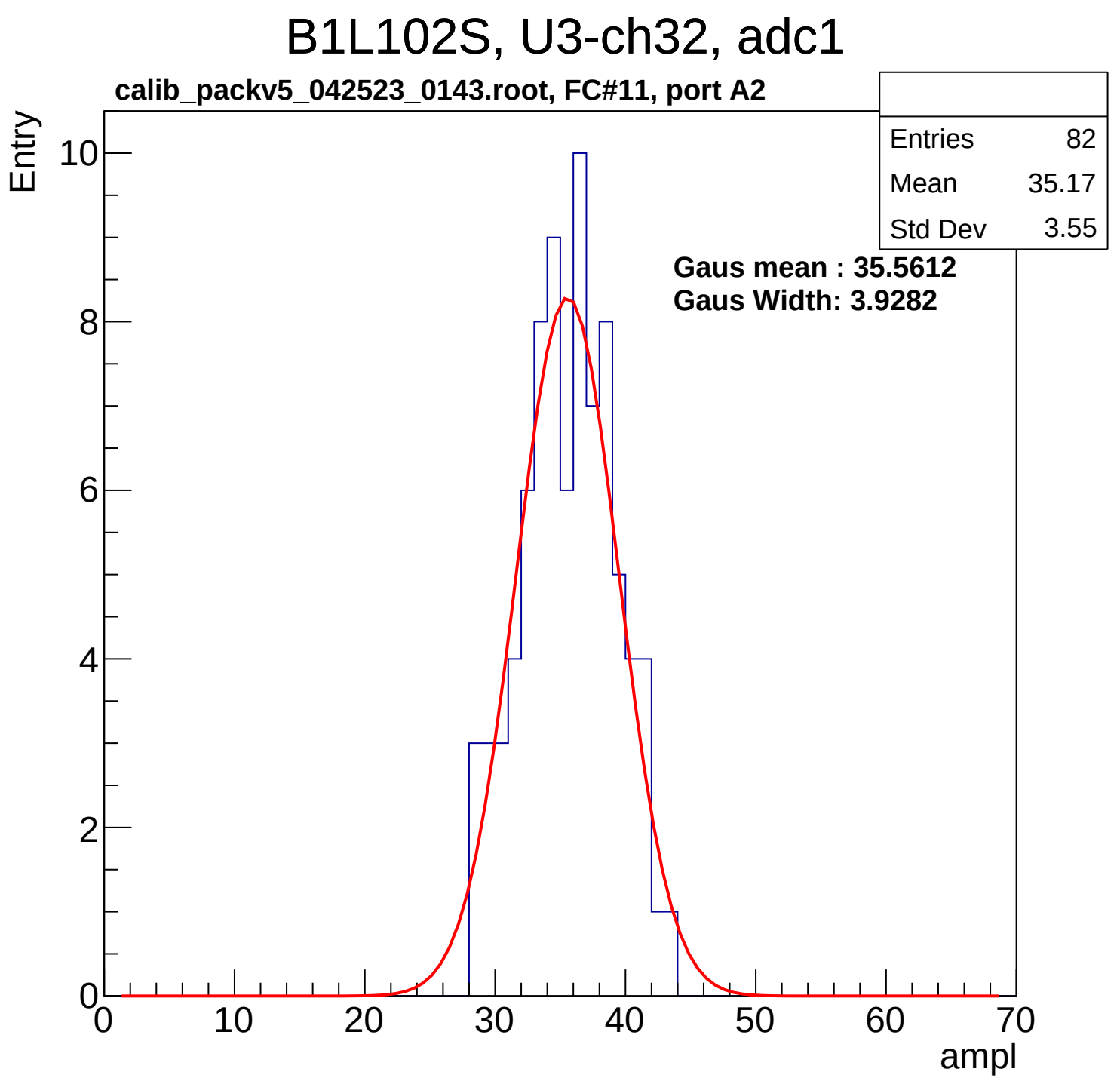
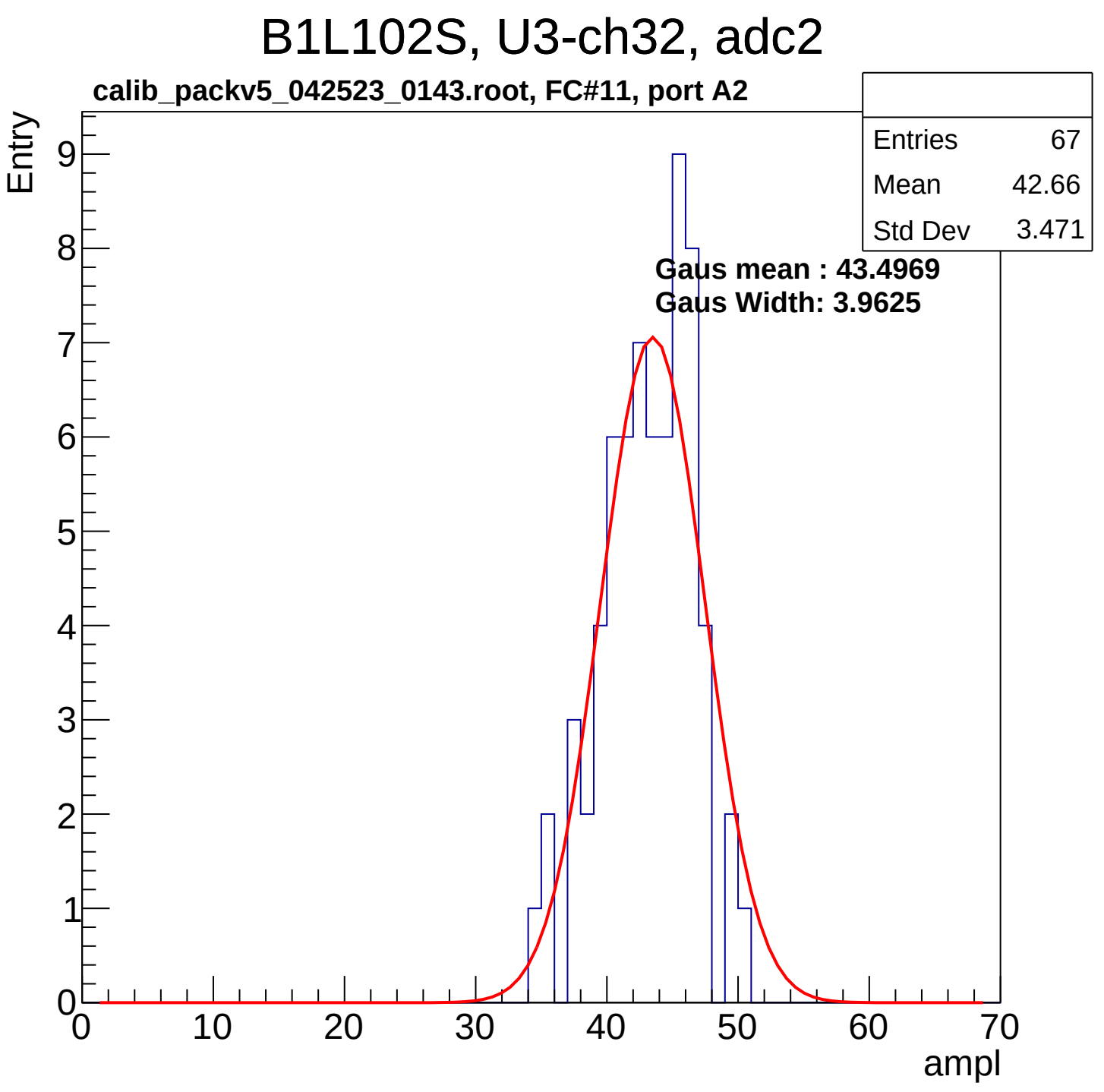
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch32, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 27.32
Std Dev 4.935
Gaus mean : 28.8199
Gaus Width: 3.4264
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch32, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 35.17
Std Dev 3.55
Gaus mean : 35.5612
Gaus Width: 3.9282
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch32, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 42.66
Std Dev 3.471
Gaus mean : 43.4969
Gaus Width: 3.9625
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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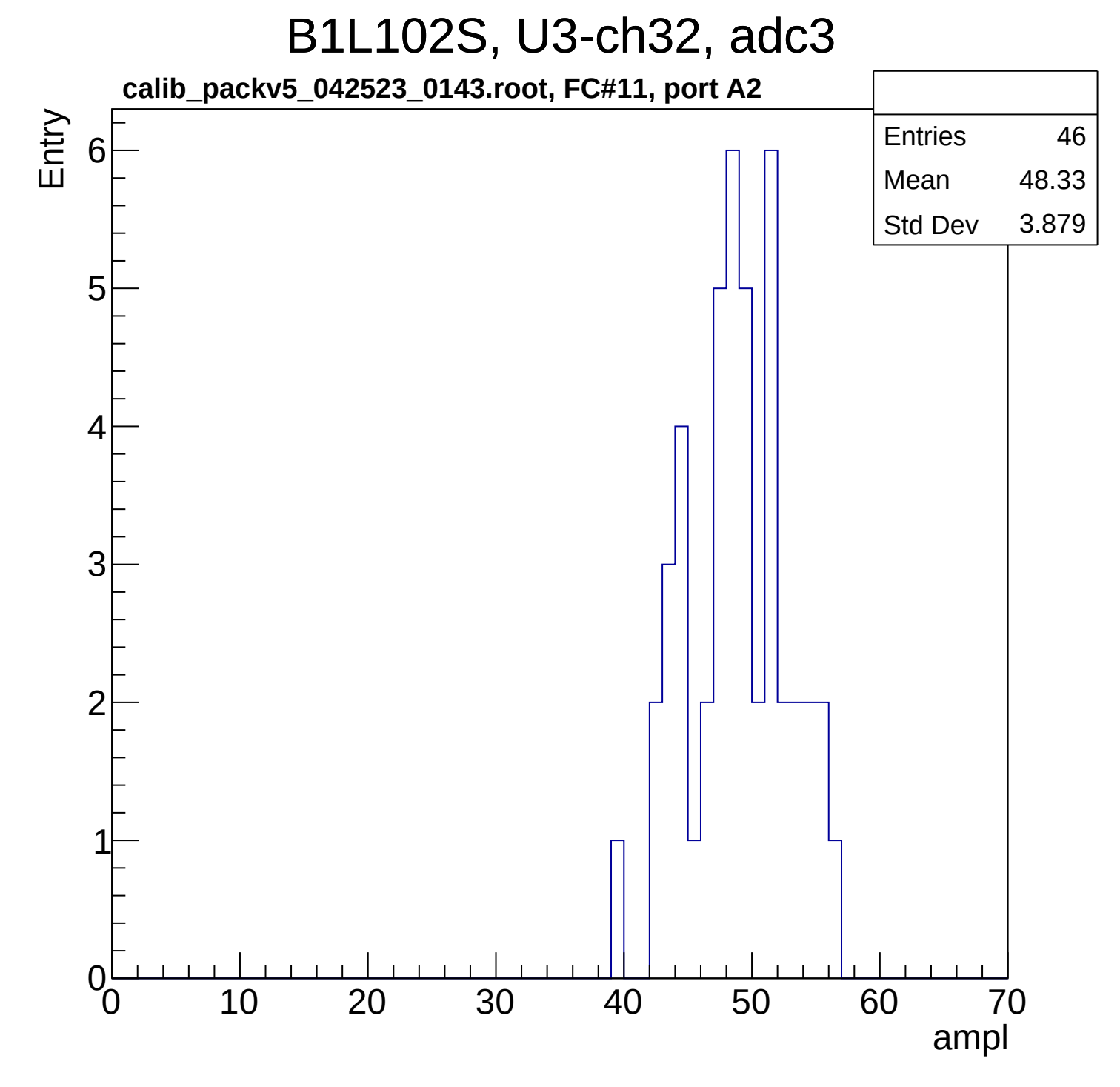
B1L102S, U3-ch32, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 48.33
Std Dev 3.879
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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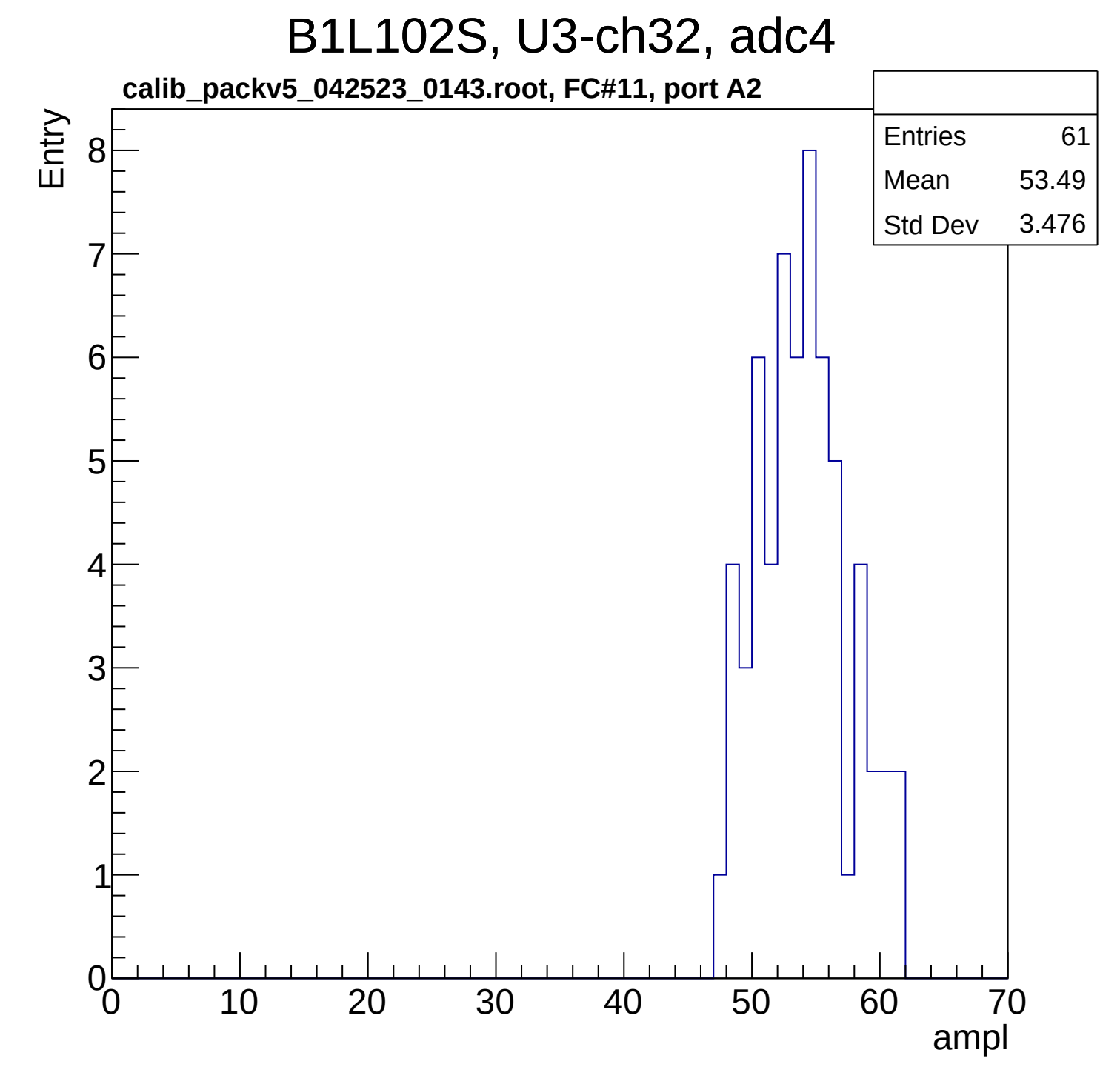
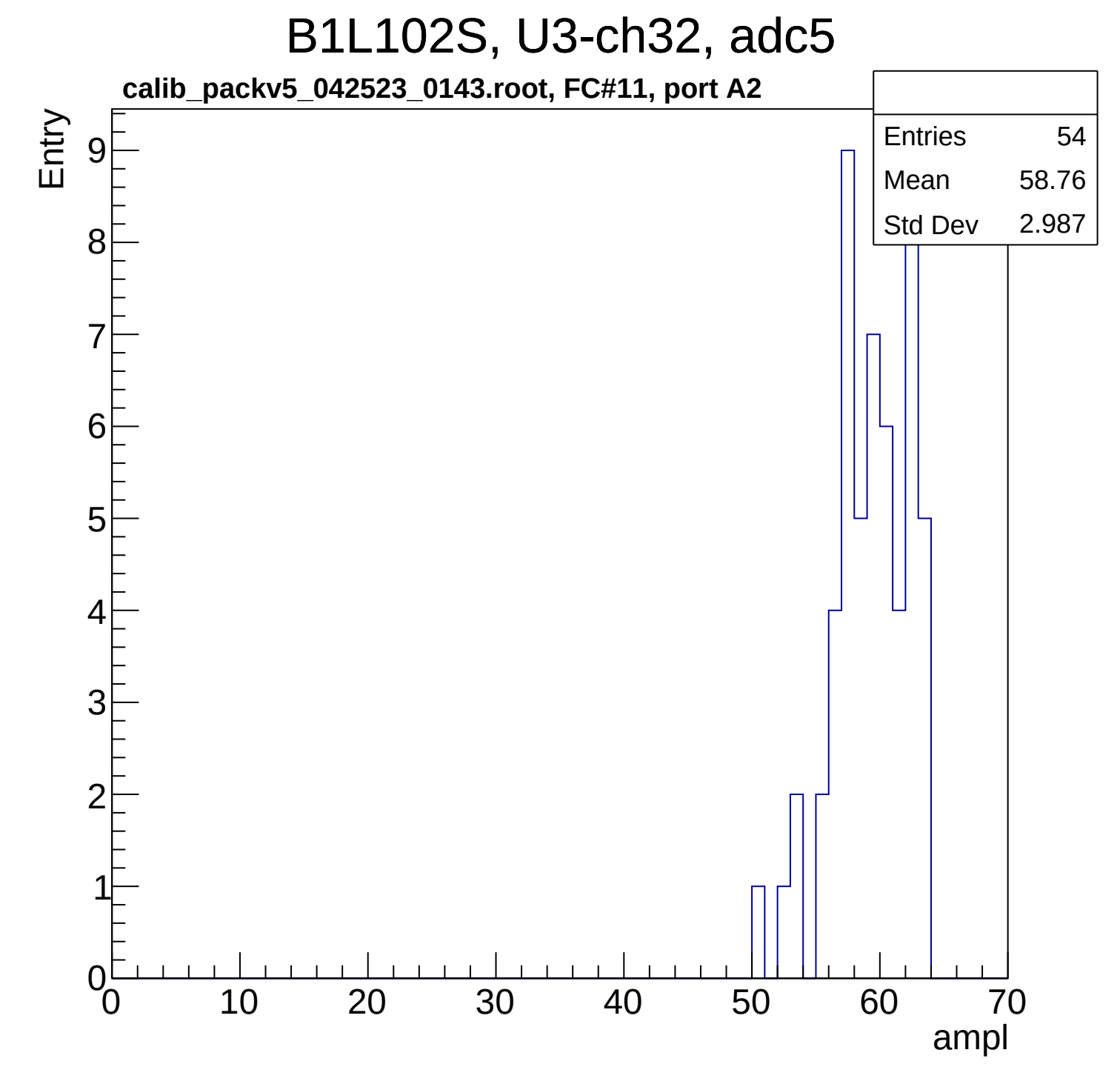
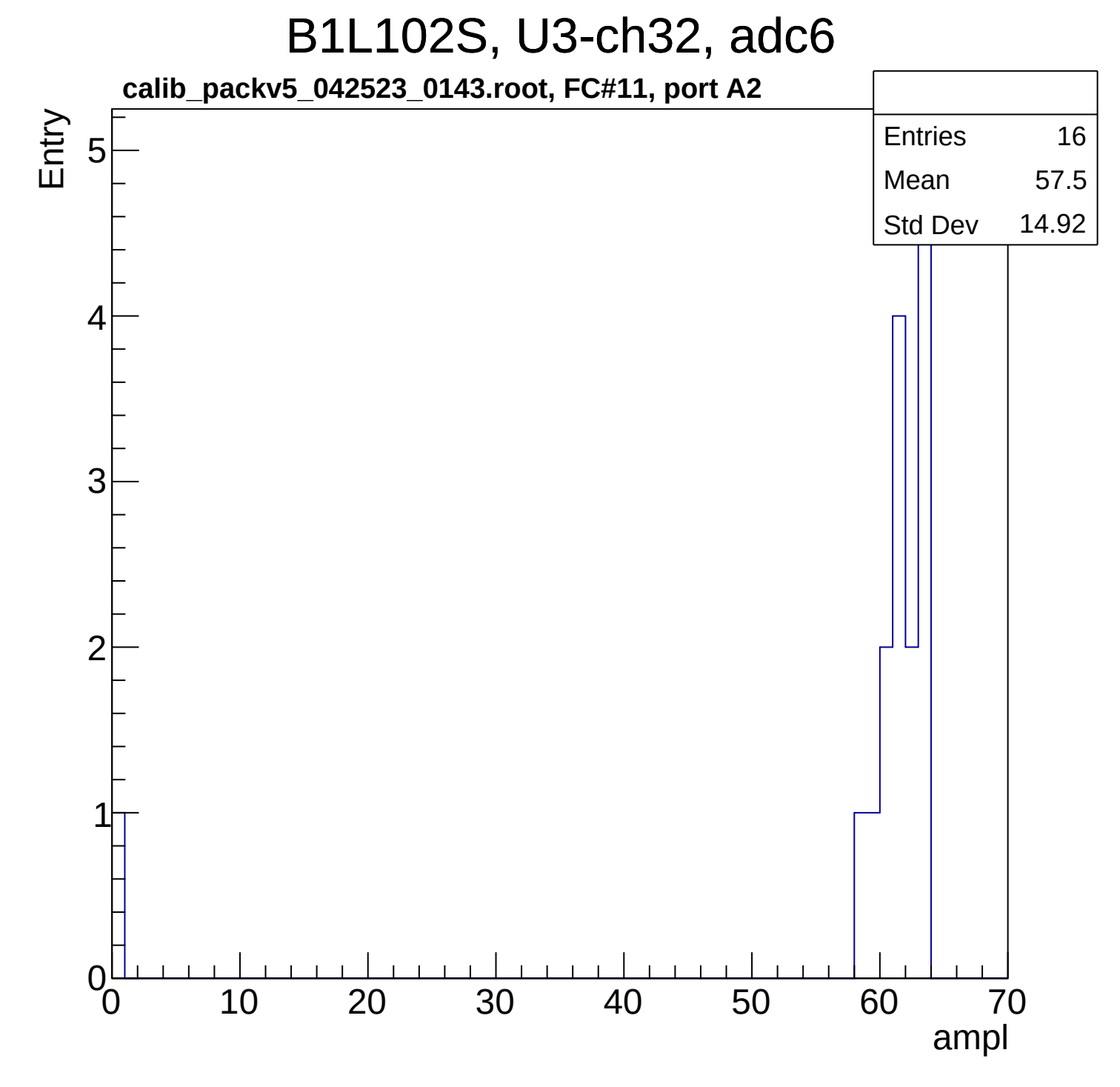
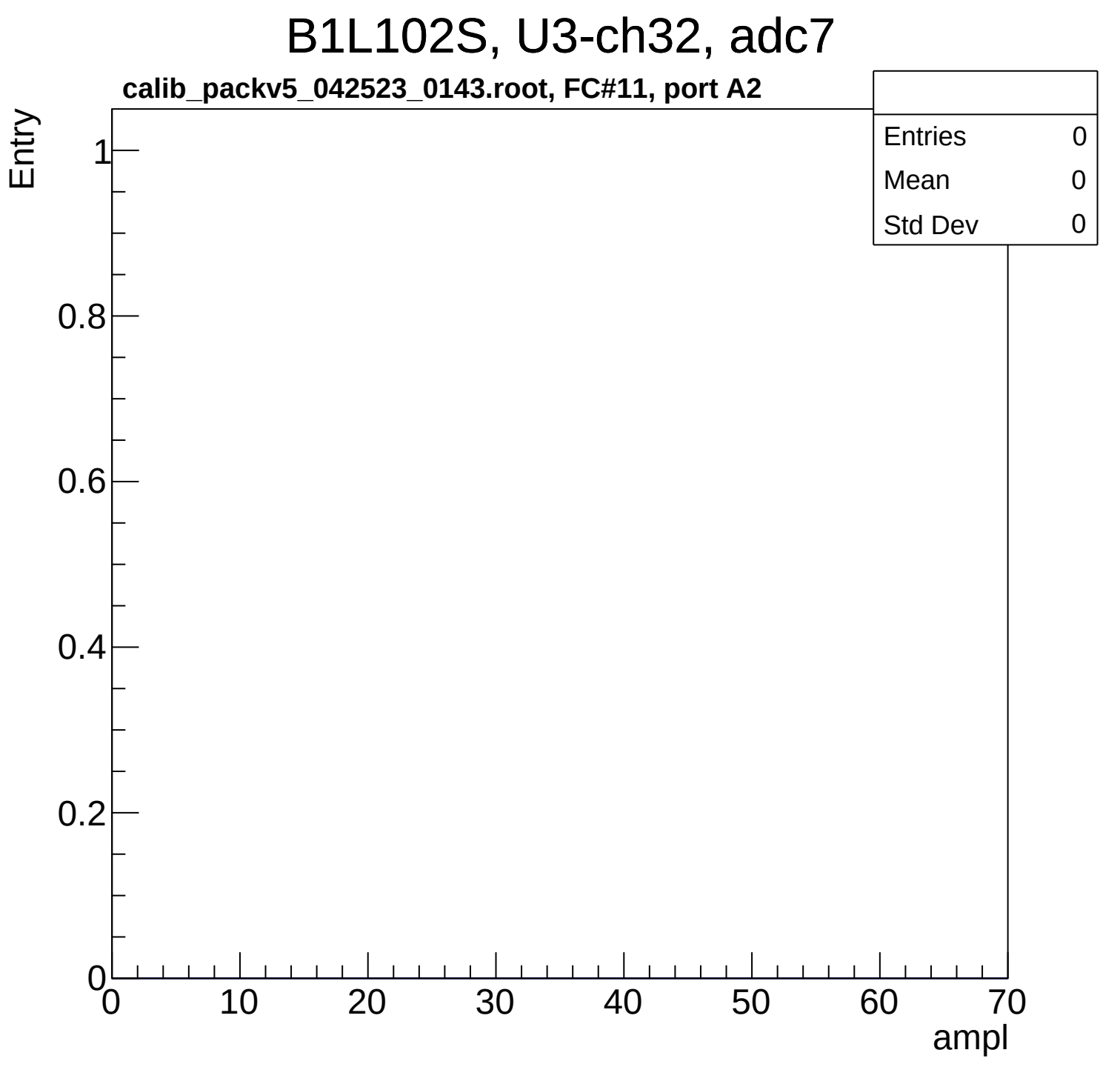
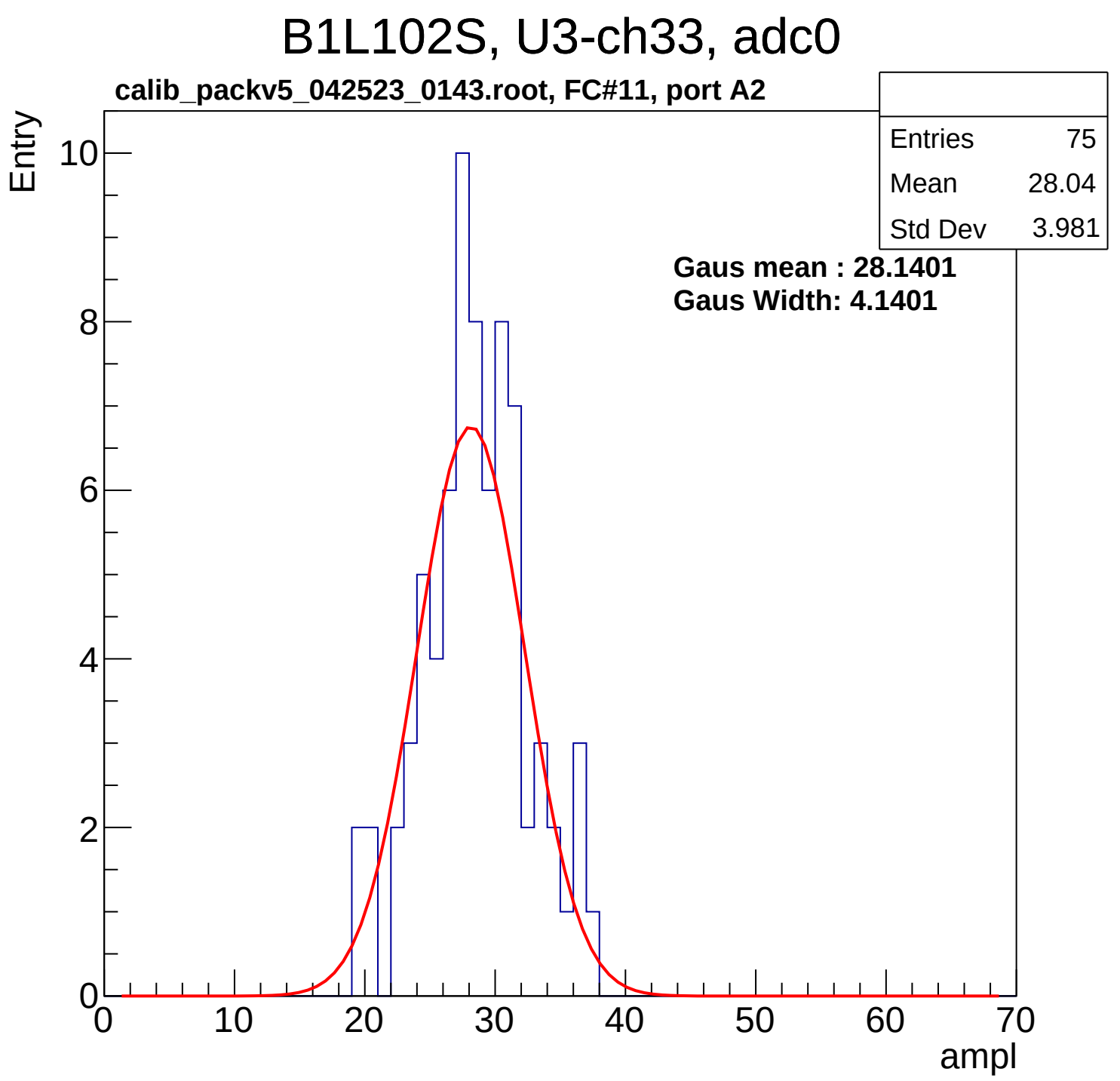
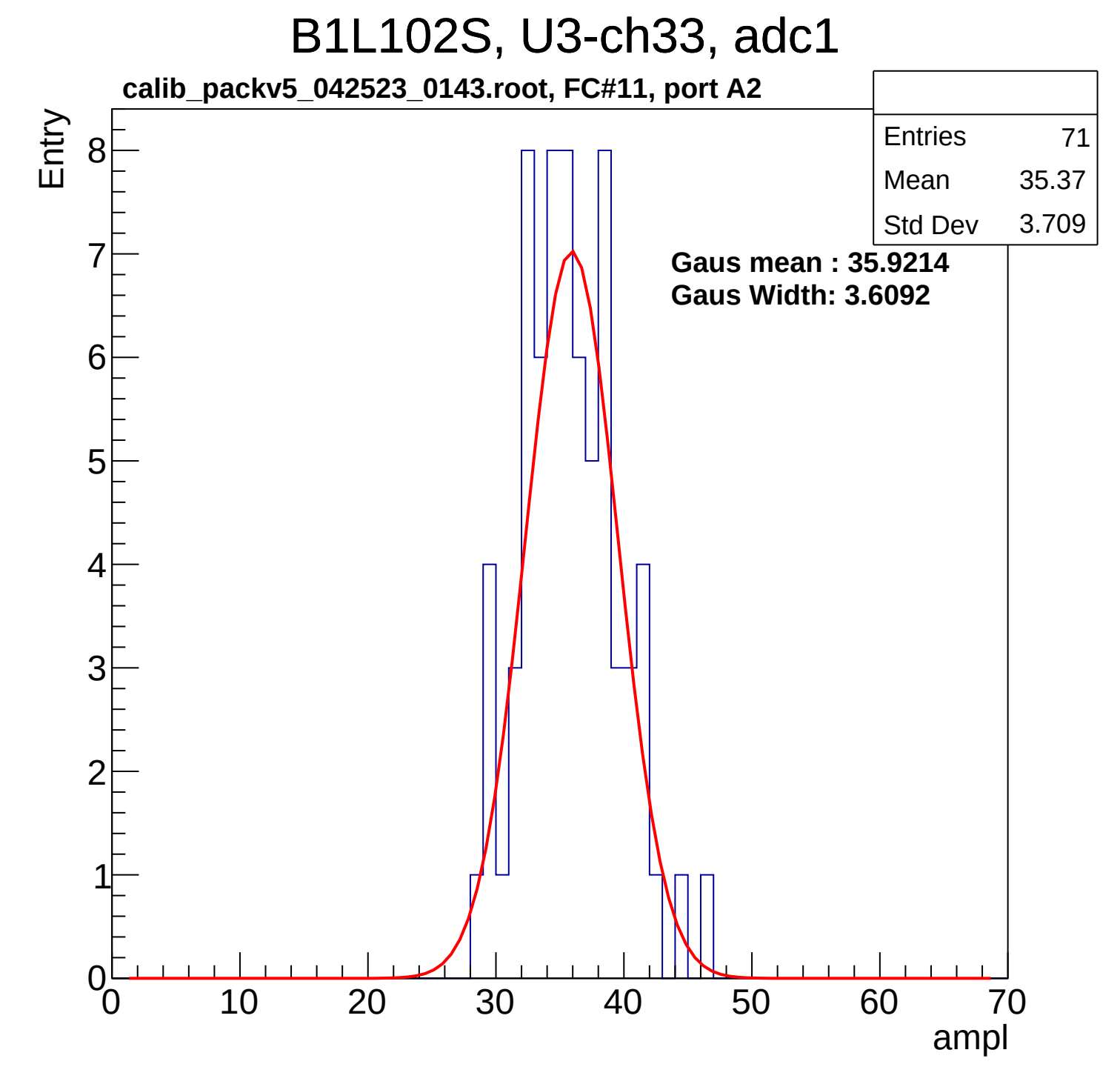

B1L102S, U3-ch32, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 53.49
Std Dev 3.476
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch32, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.76
Std Dev 2.987
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch32, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 16
Mean 57.5
Std Dev 14.92
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch32, 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, U3-ch33, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 28.04
Std Dev 3.981
Gaus mean : 28.1401
Gaus Width: 4.1401
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch33, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 35.37
Std Dev 3.709
Gaus mean : 35.9214
Gaus Width: 3.6092
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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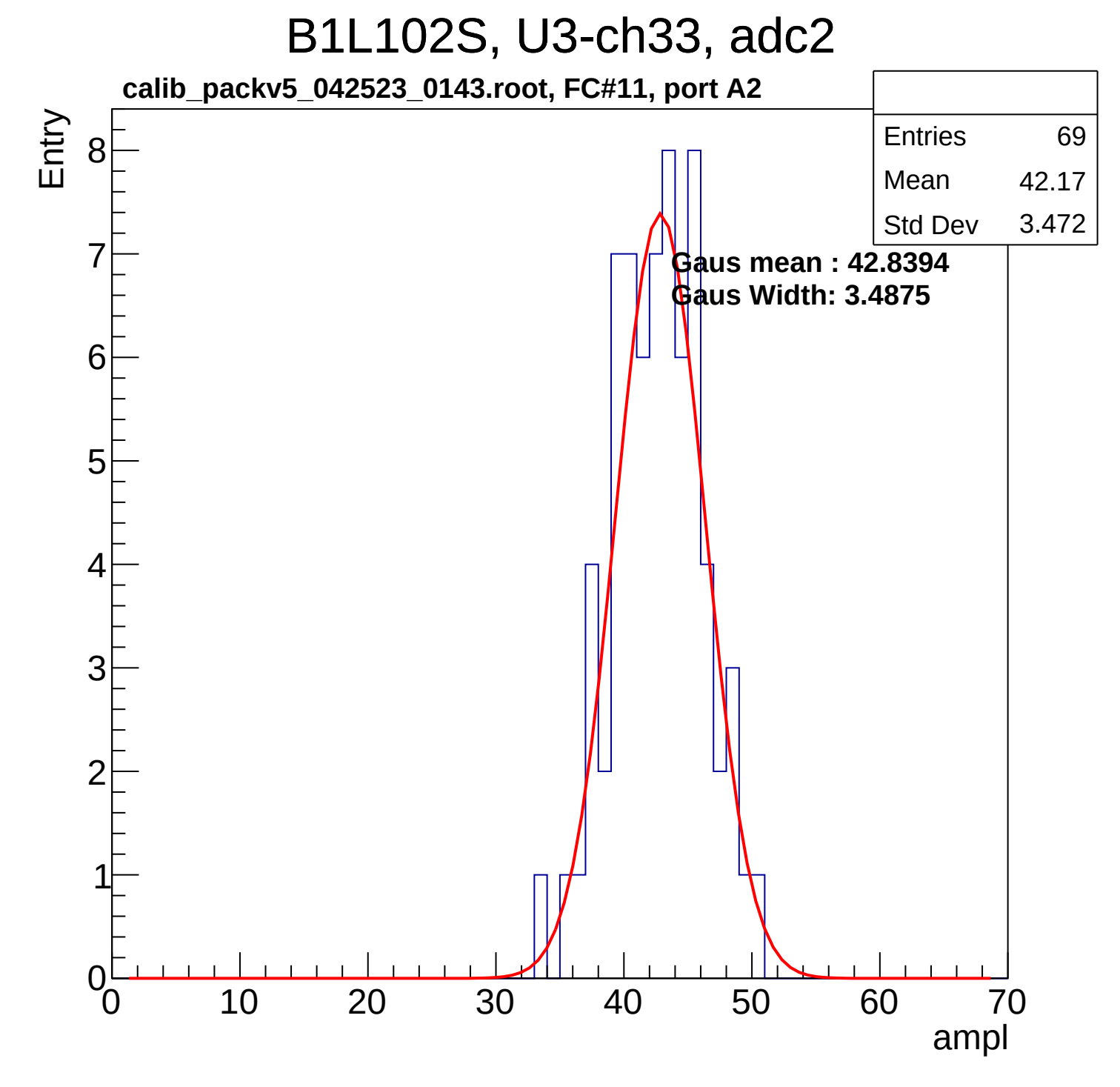
B1L102S, U3-ch33, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 42.17
Std Dev 3.472
Gaus mean : 42.8394
Gaus Width: 3.4875
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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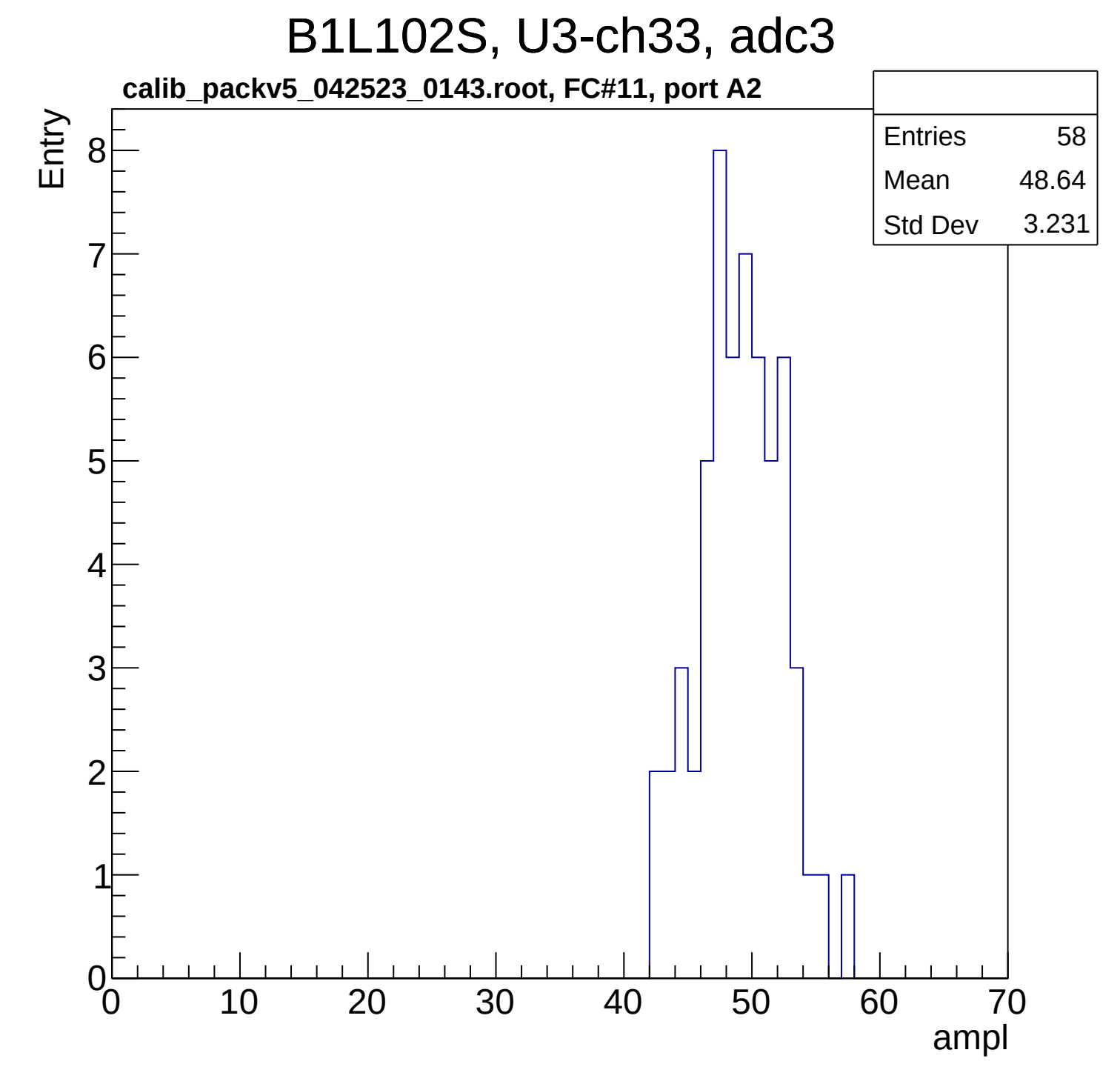
B1L102S, U3-ch33, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 48.64
Std Dev 3.231
Entry
ampl
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4
5
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7
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0
10
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40
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60
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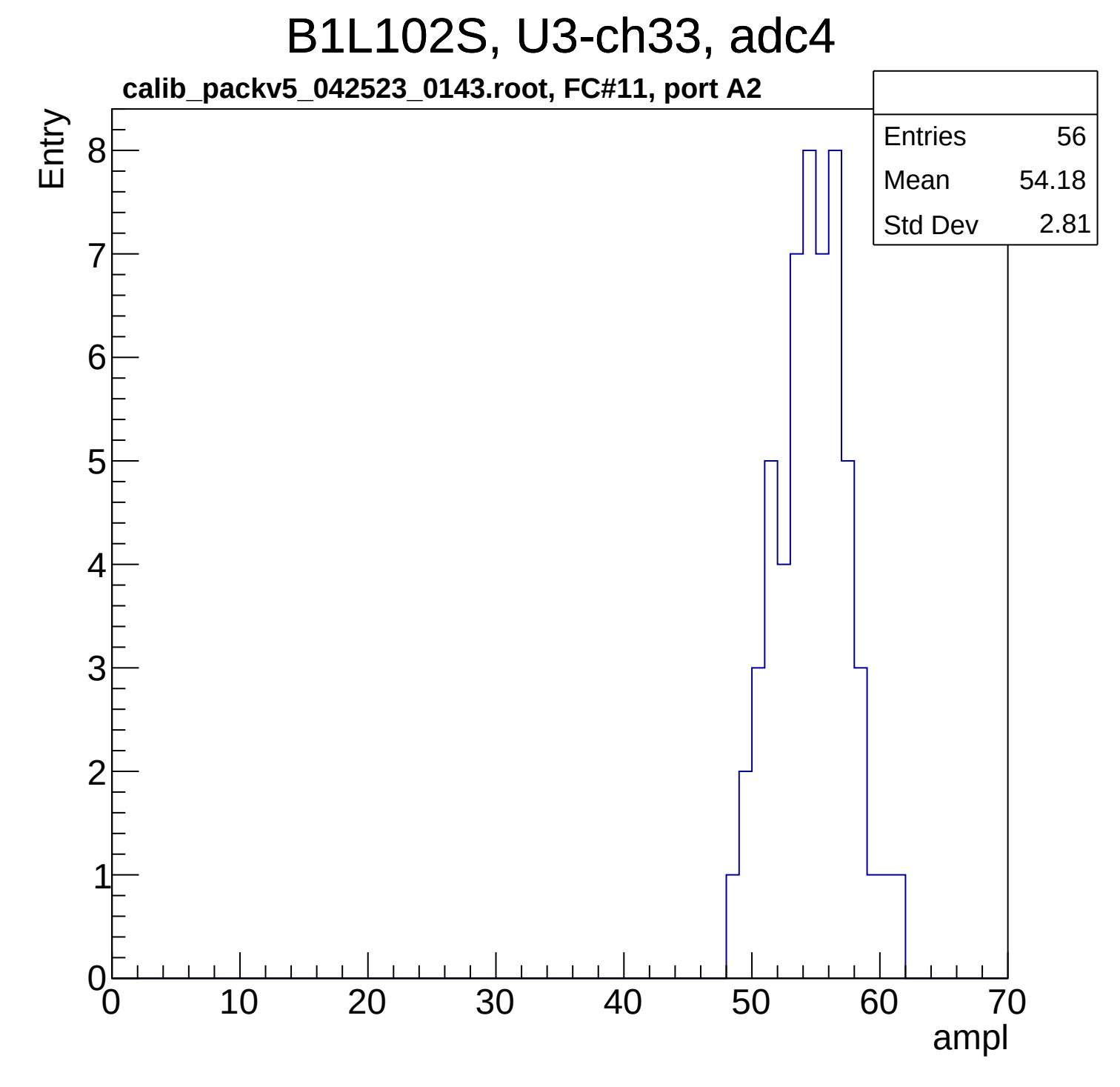
B1L102S, U3-ch33, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 54.18
Std Dev 2.81
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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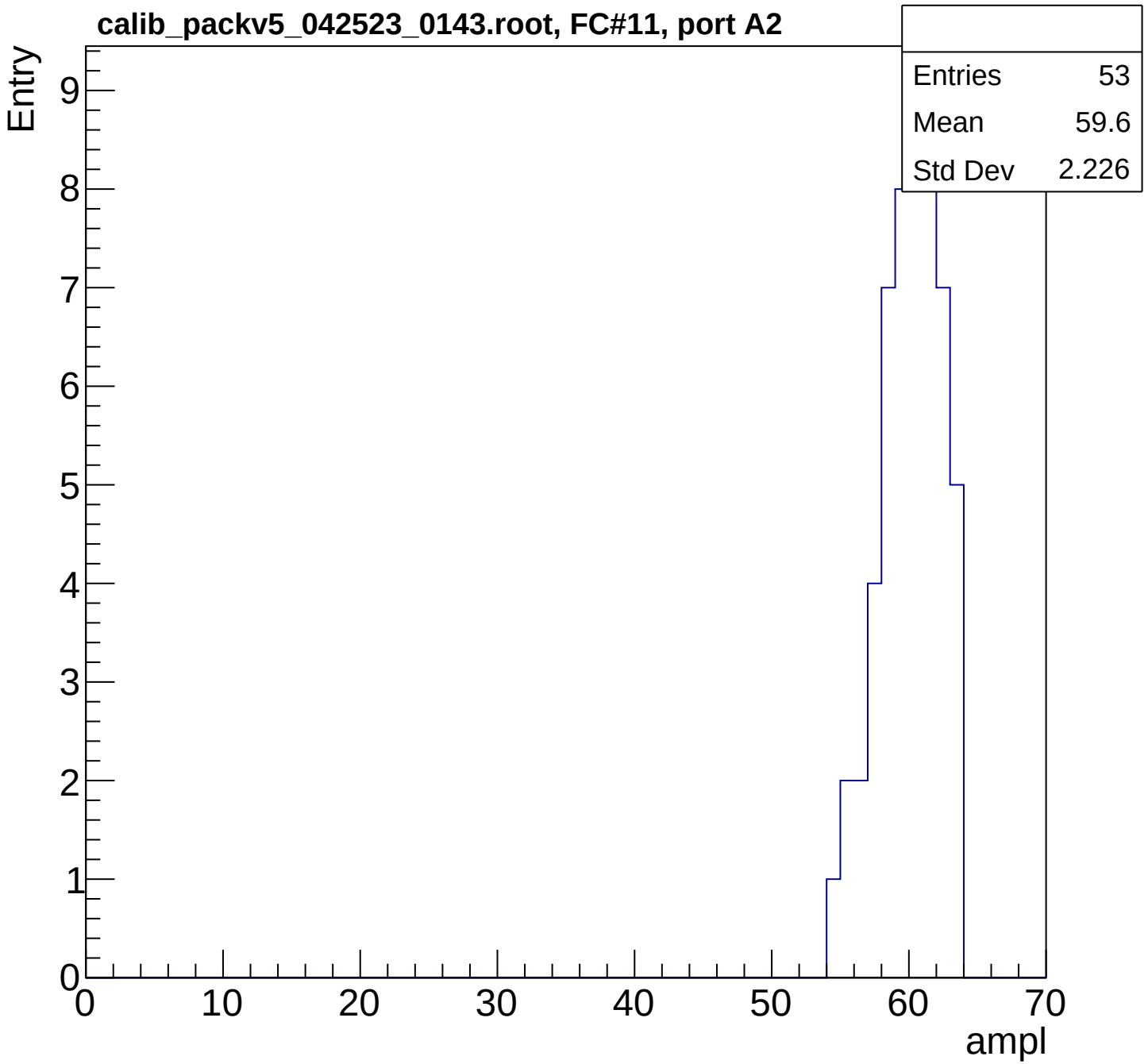
B1L102S, U3-ch33, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 59.6
Std Dev 2.226
Entry
ampl
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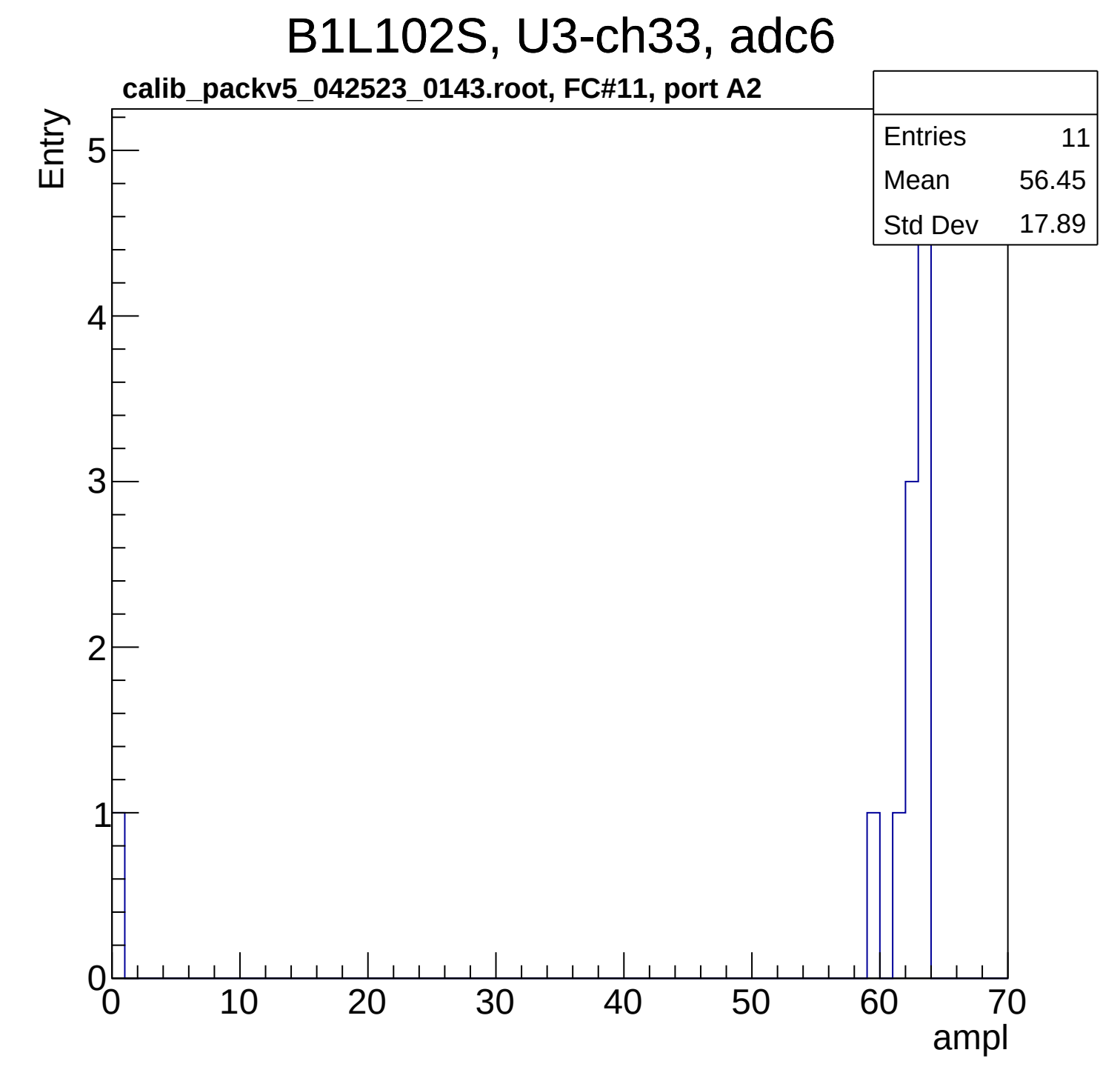
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch33, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 56.45
Std Dev 17.89
Entry
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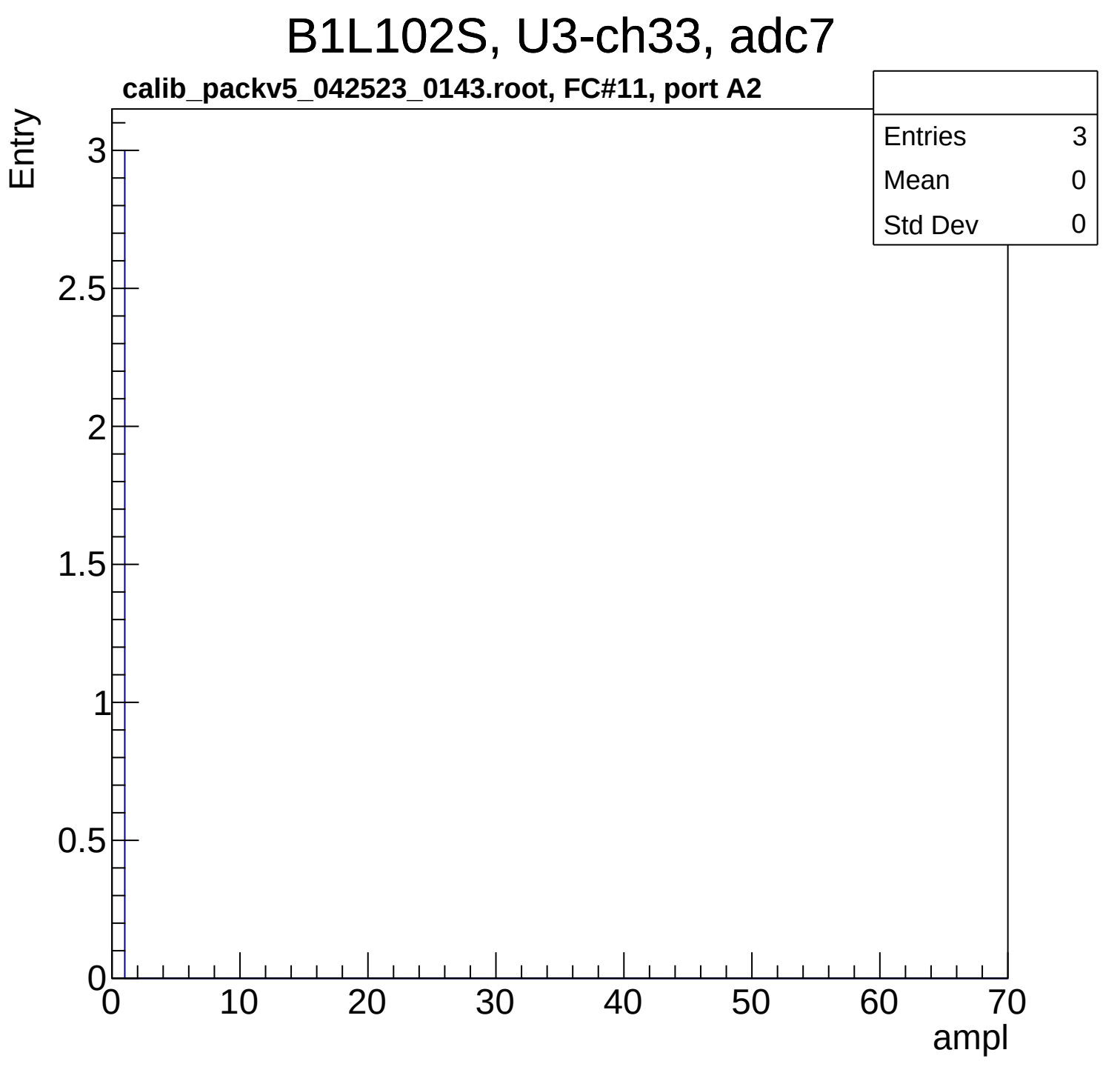
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch33, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 0
Std Dev 0
Entry
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2.5
2
1.5
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0.5
0
0
10
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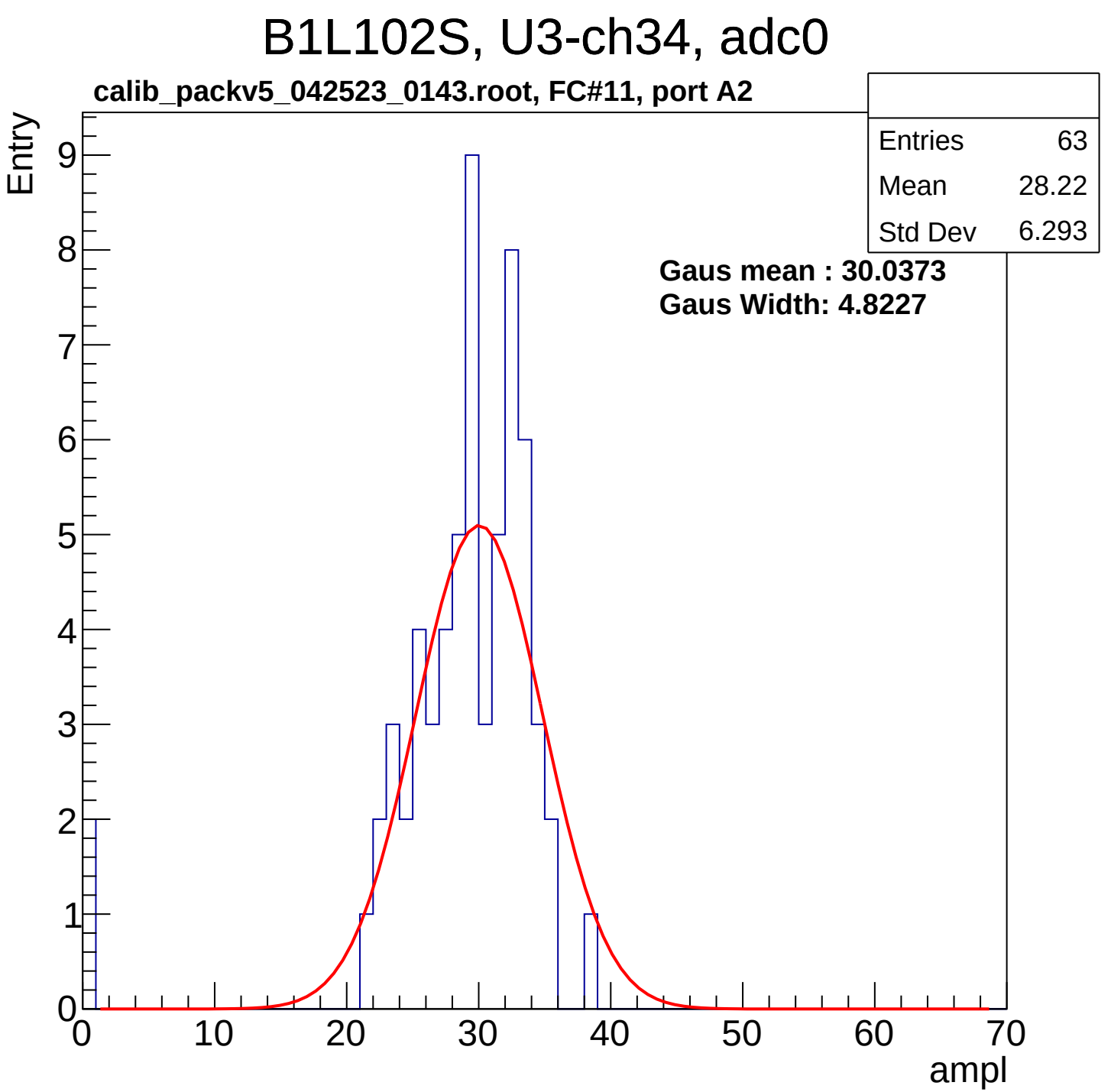
30
40
50
60
70
ampl


B1L102S, U3-ch34, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 28.22
Std Dev 6.293
Gaus mean : 30.0373
Gaus Width: 4.8227
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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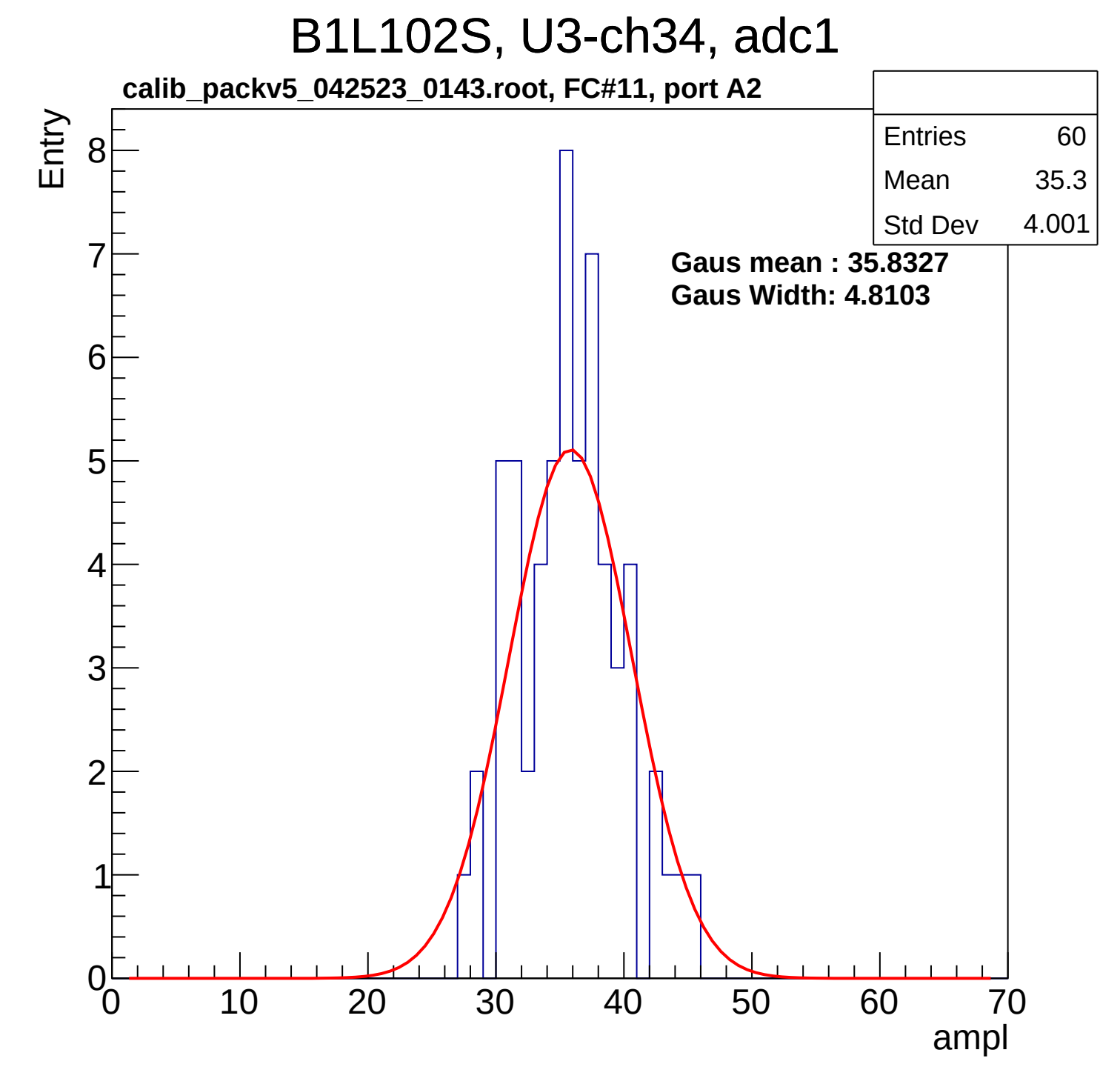
B1L102S, U3-ch34, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 35.3
Std Dev 4.001
Gaus mean : 35.8327
Gaus Width: 4.8103
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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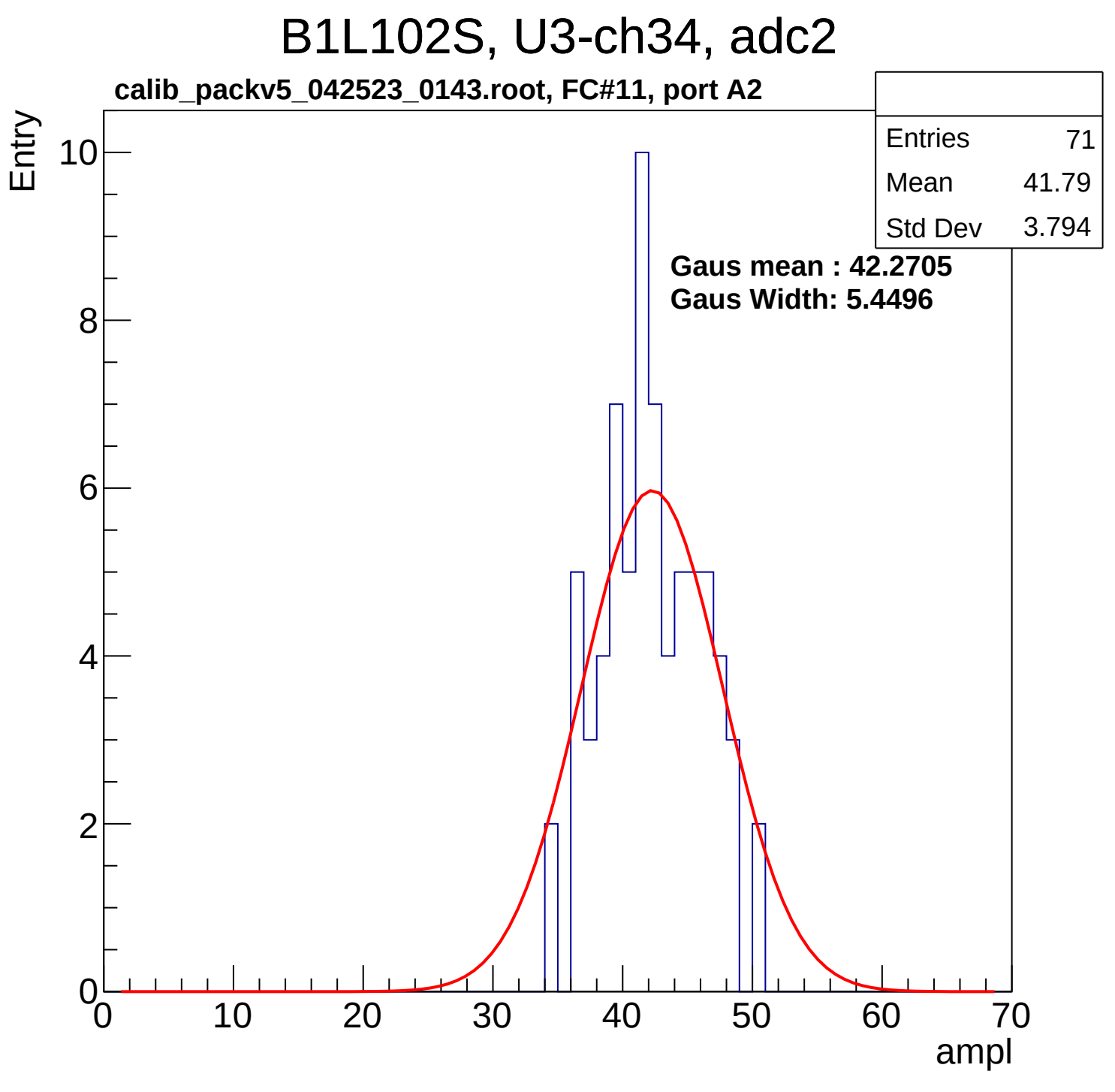
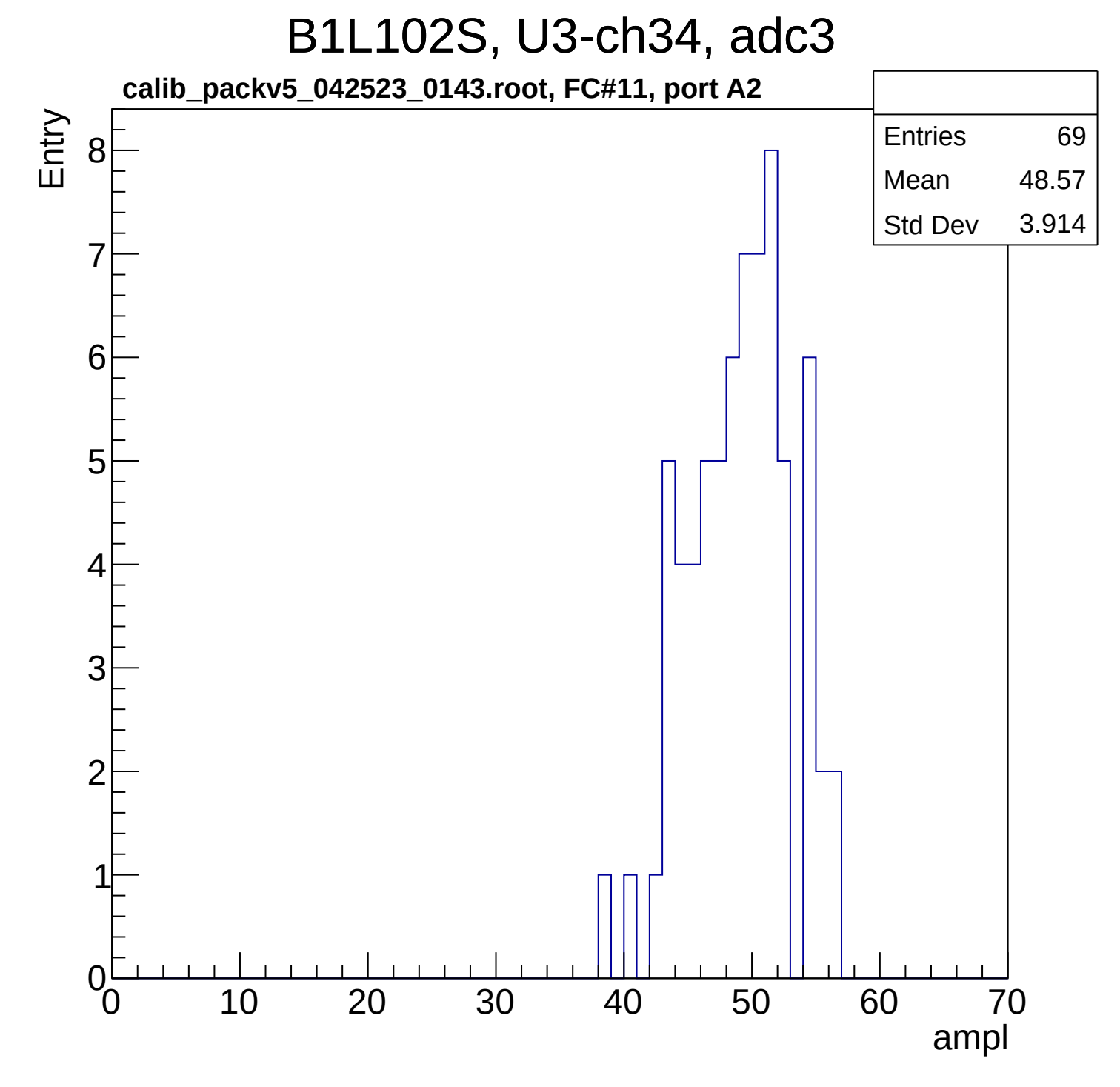
40
50
60
70


B1L102S, U3-ch34, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 41.79
Std Dev 3.794
Gaus mean : 42.2705
Gaus Width: 5.4496
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch34, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 48.57
Std Dev 3.914
Entry
ampl
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3
4
5
6
7
8
0
10
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40
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60
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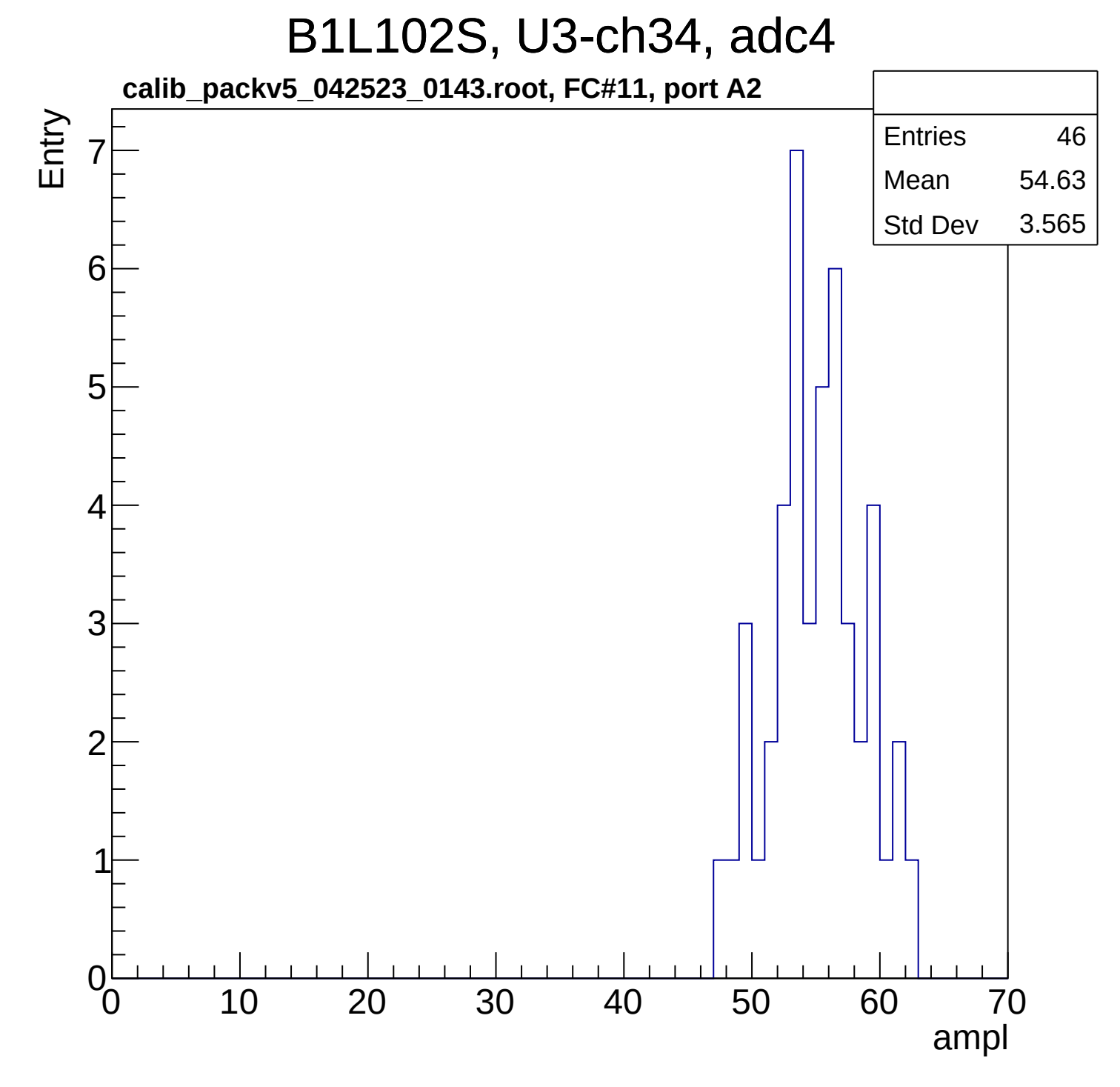
B1L102S, U3-ch34, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 54.63
Std Dev 3.565
Entry
ampl
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3
4
5
6
7
0
10
20
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40
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60
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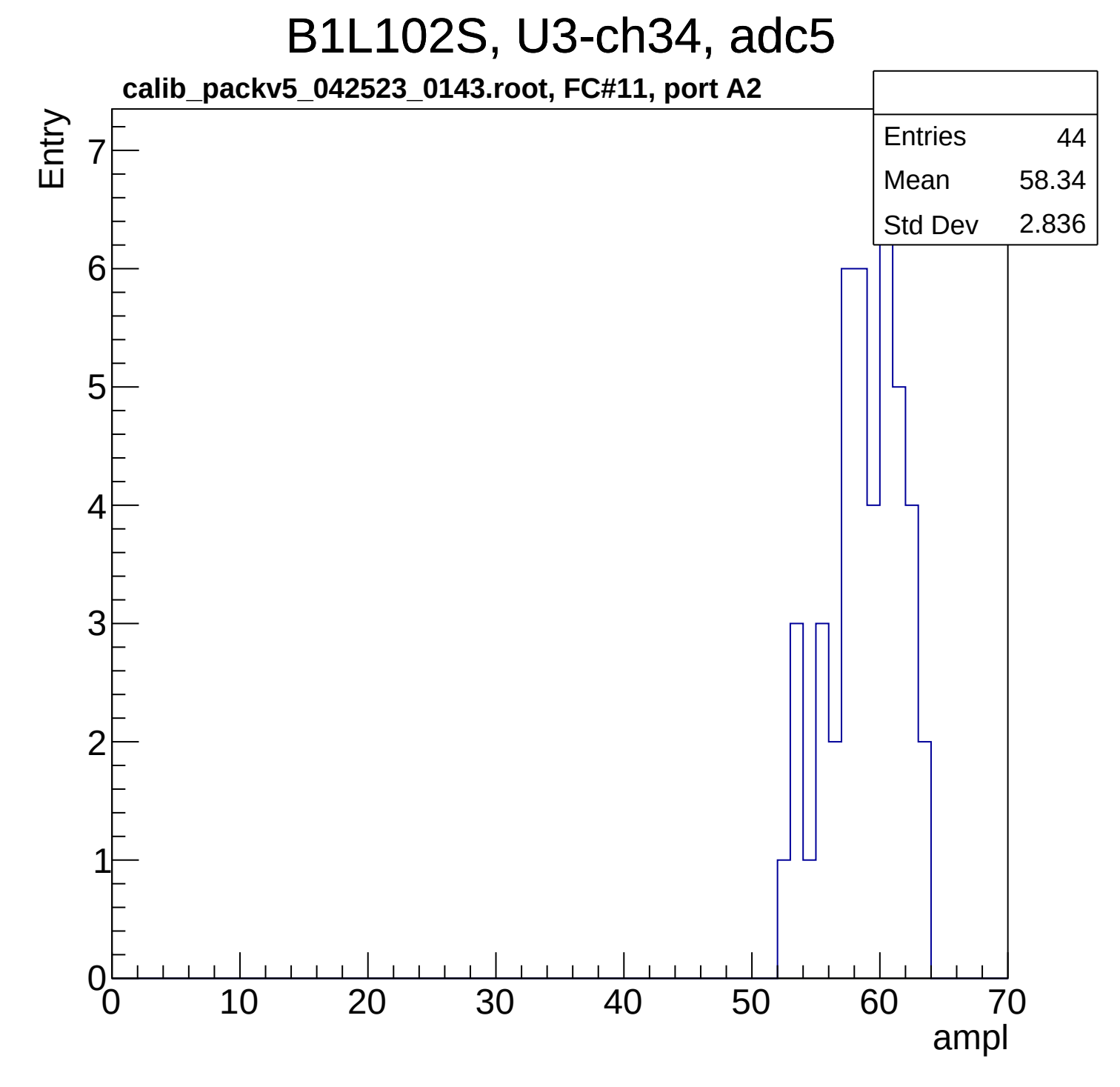
B1L102S, U3-ch34, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 58.34
Std Dev 2.836
Entry
ampl
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3
4
5
6
7
0
10
20
30
40
50
60
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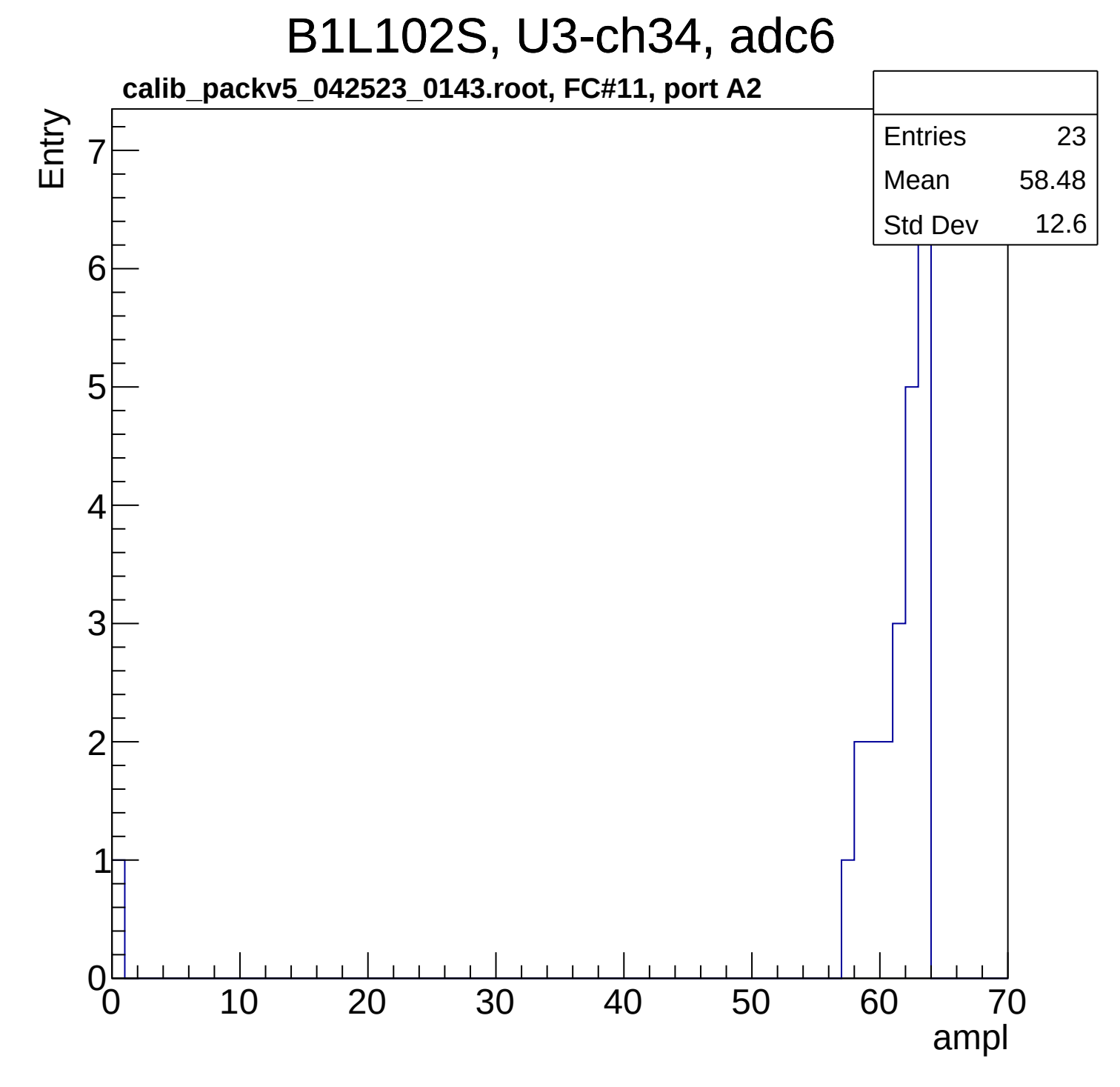
B1L102S, U3-ch34, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 23
Mean 58.48
Std Dev 12.6
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
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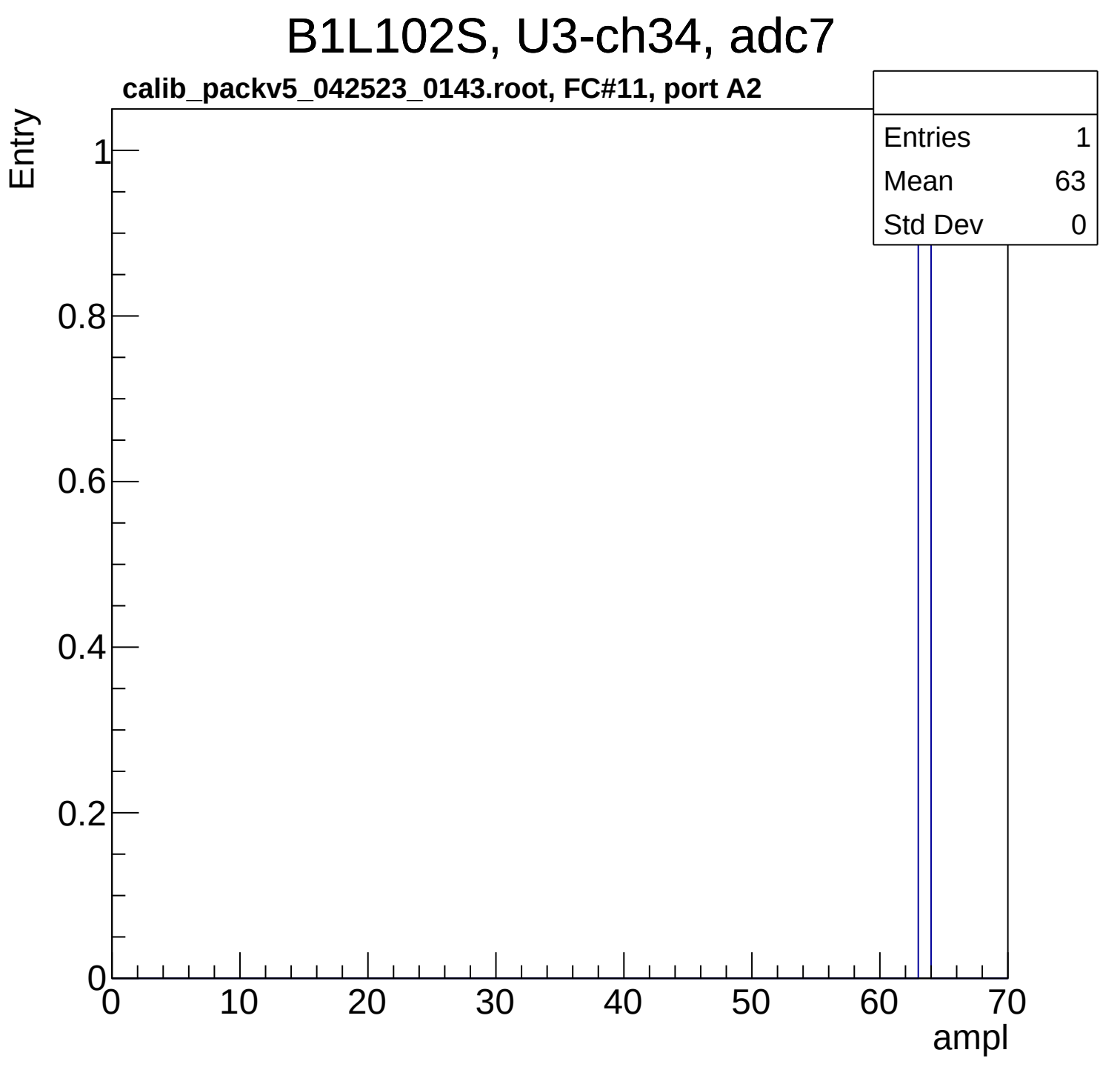
B1L102S, U3-ch34, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
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10
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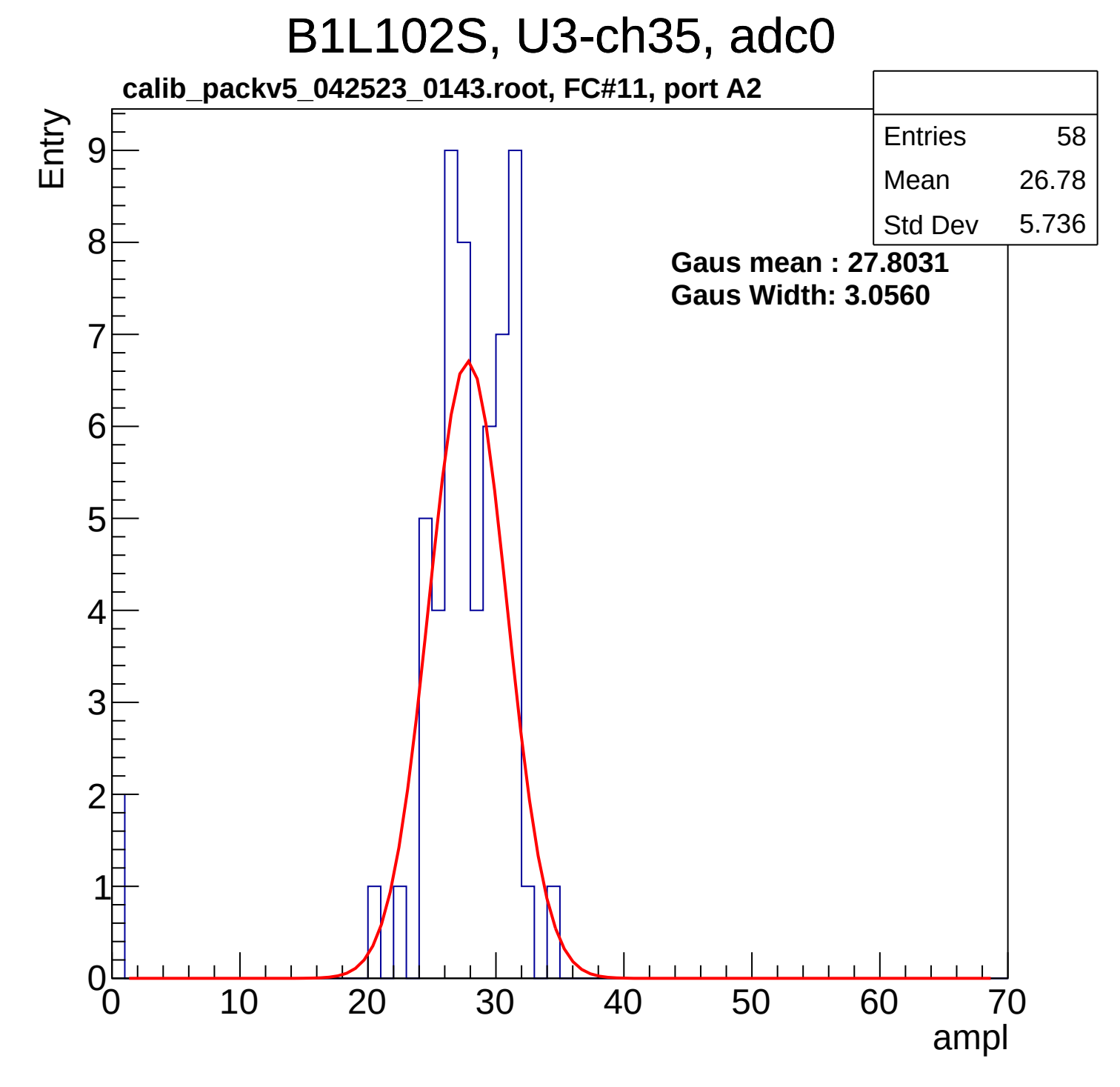
70
ampl


B1L102S, U3-ch35, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 26.78
Std Dev 5.736
Gaus mean : 27.8031
Gaus Width: 3.0560
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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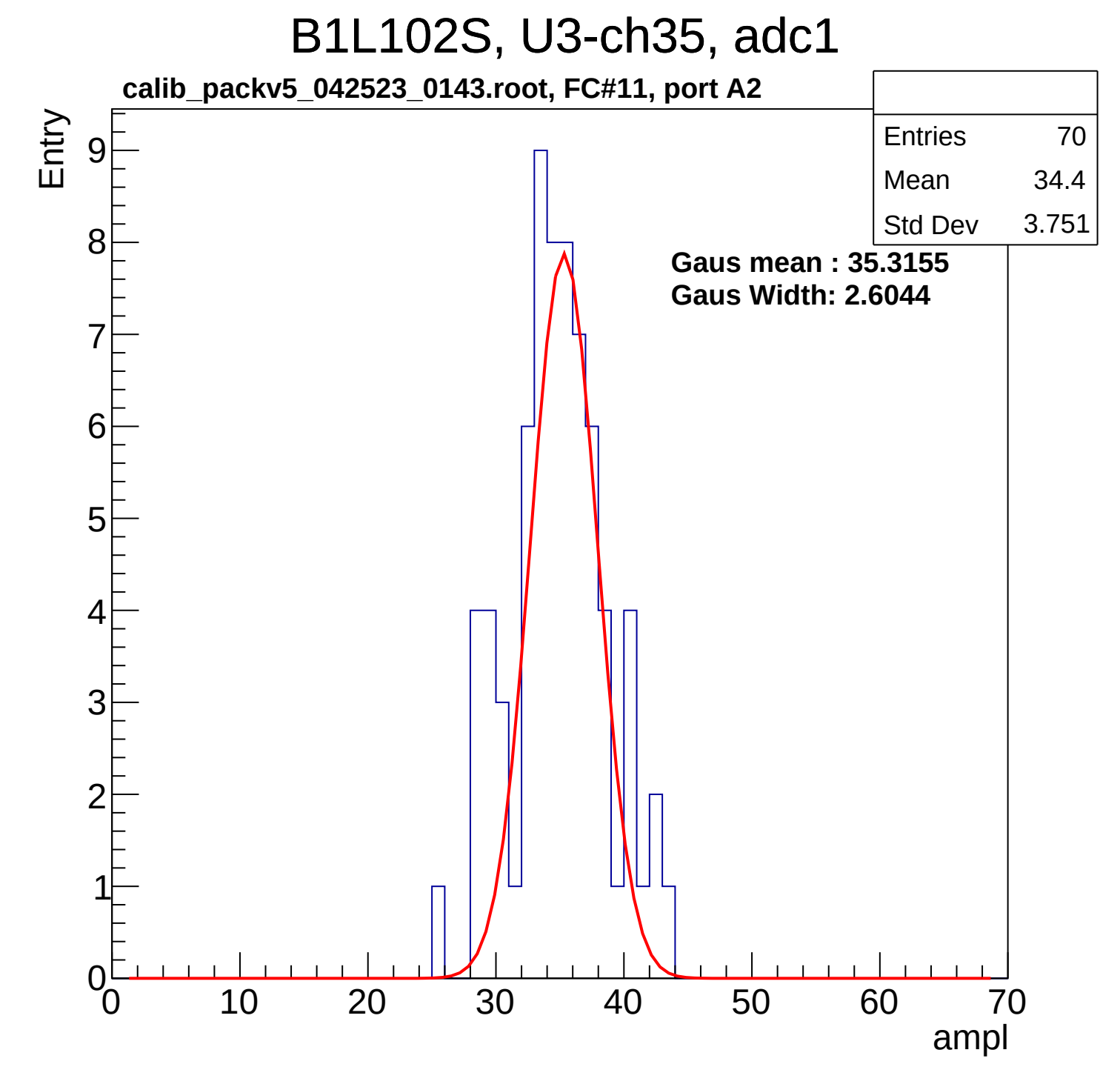
B1L102S, U3-ch35, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 34.4
Std Dev 3.751
Gaus mean : 35.3155
Gaus Width: 2.6044
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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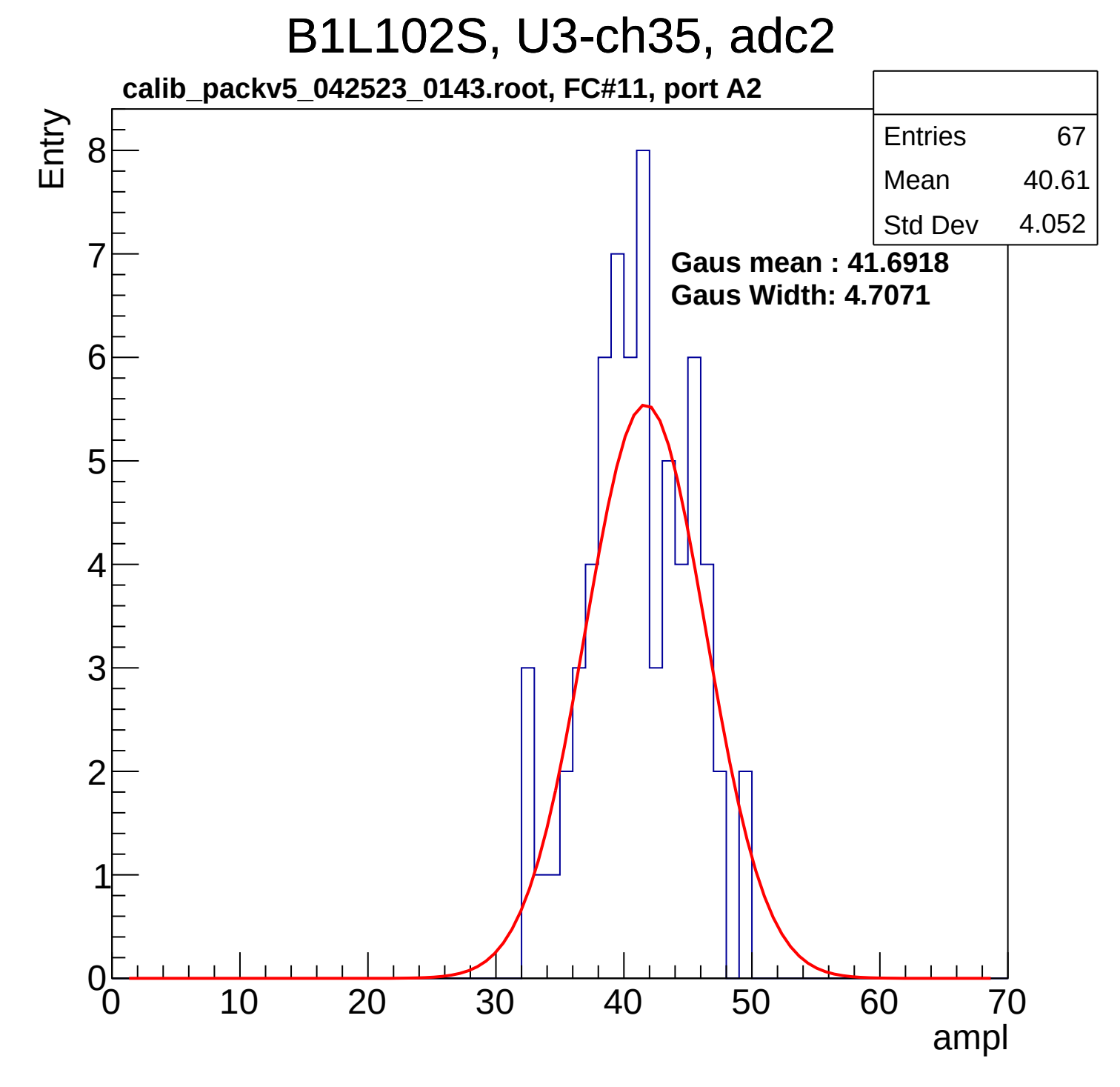
B1L102S, U3-ch35, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 40.61
Std Dev 4.052
Gaus mean : 41.6918
Gaus Width: 4.7071
Entry
ampl
0
1
2
3
4
5
6
7
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0
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40
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60
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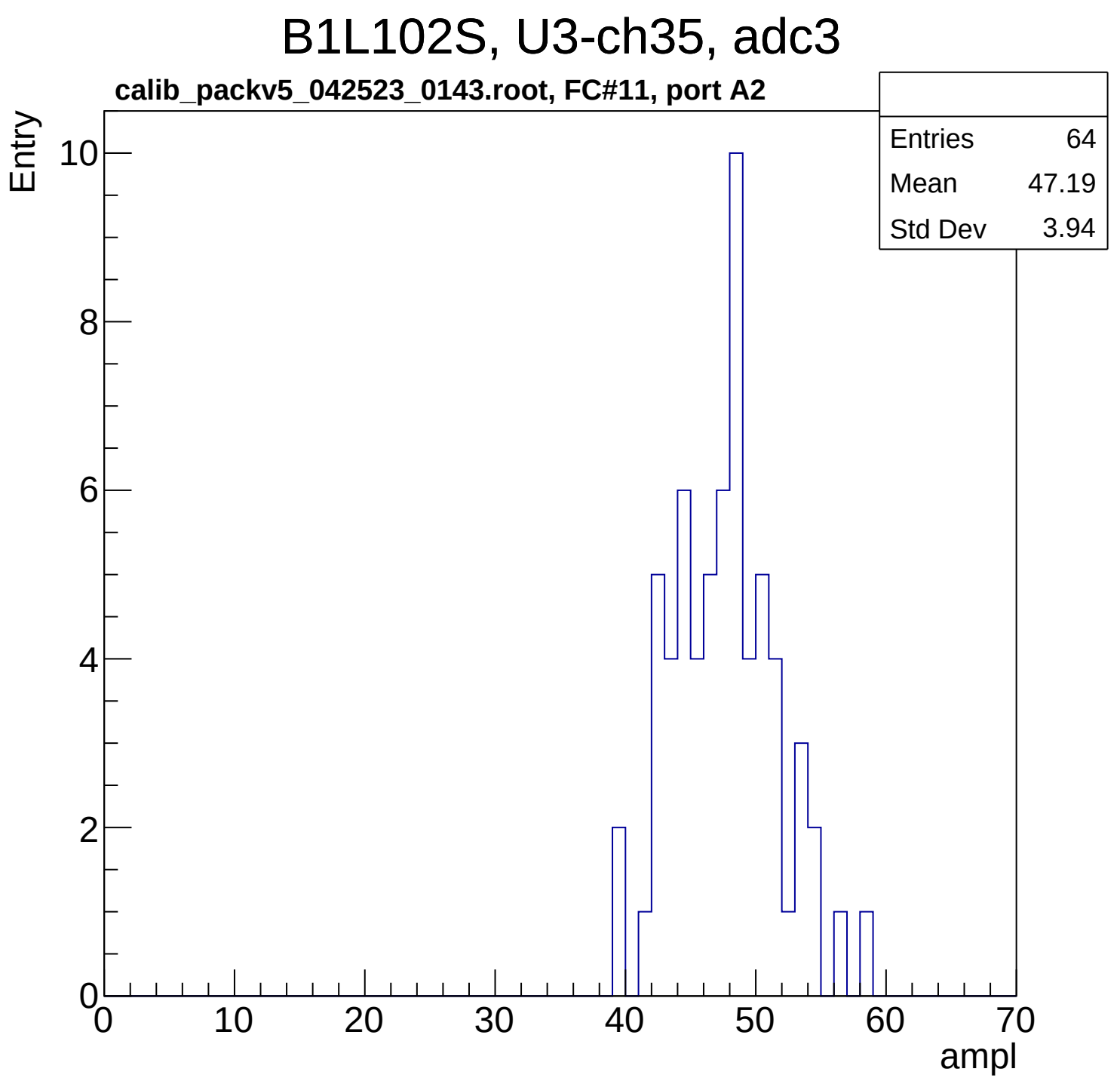
B1L102S, U3-ch35, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 47.19
Std Dev 3.94
Entry
0
2
4
6
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10
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10
20
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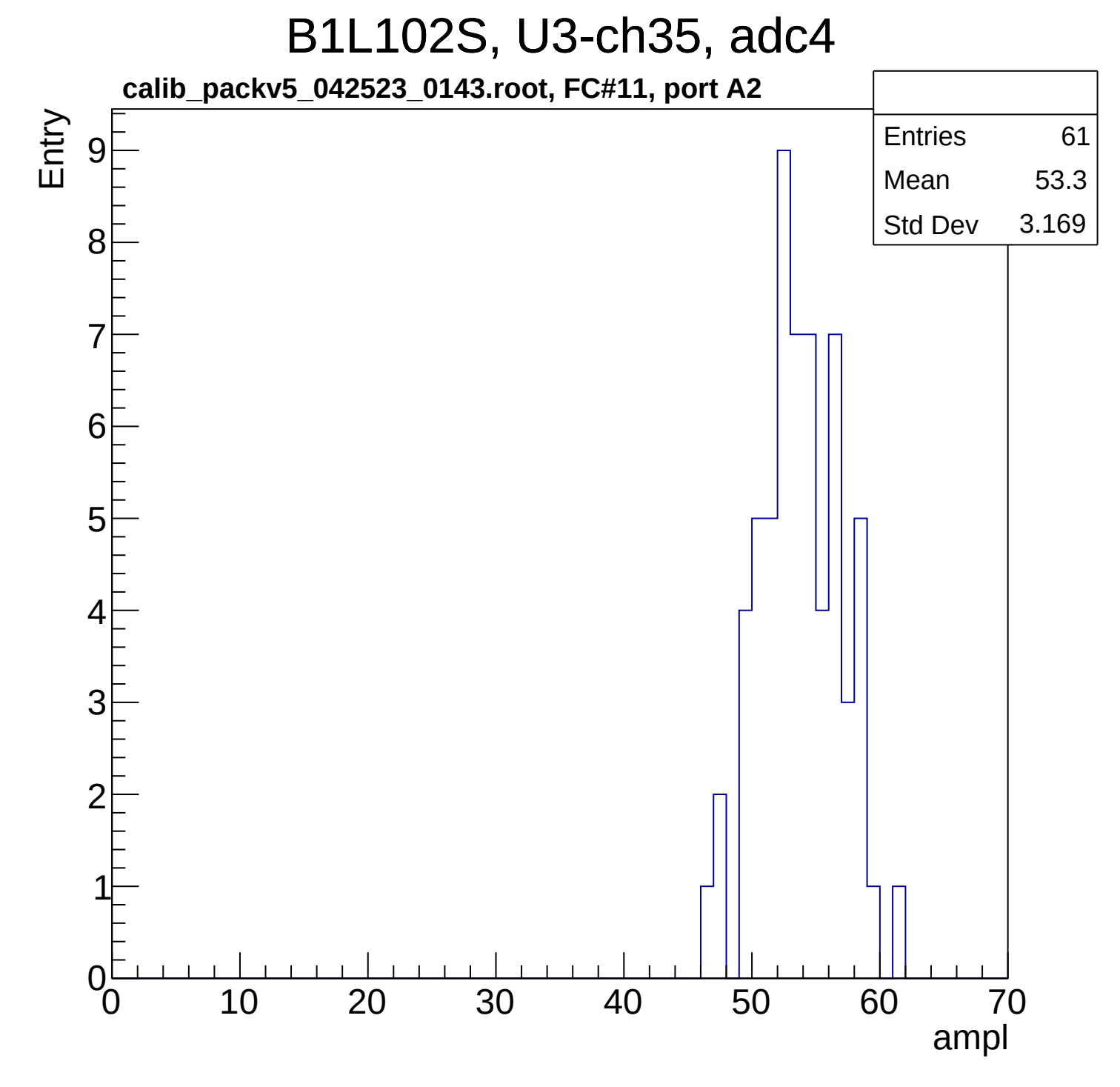
50
60
70
ampl


B1L102S, U3-ch35, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 53.3
Std Dev 3.169
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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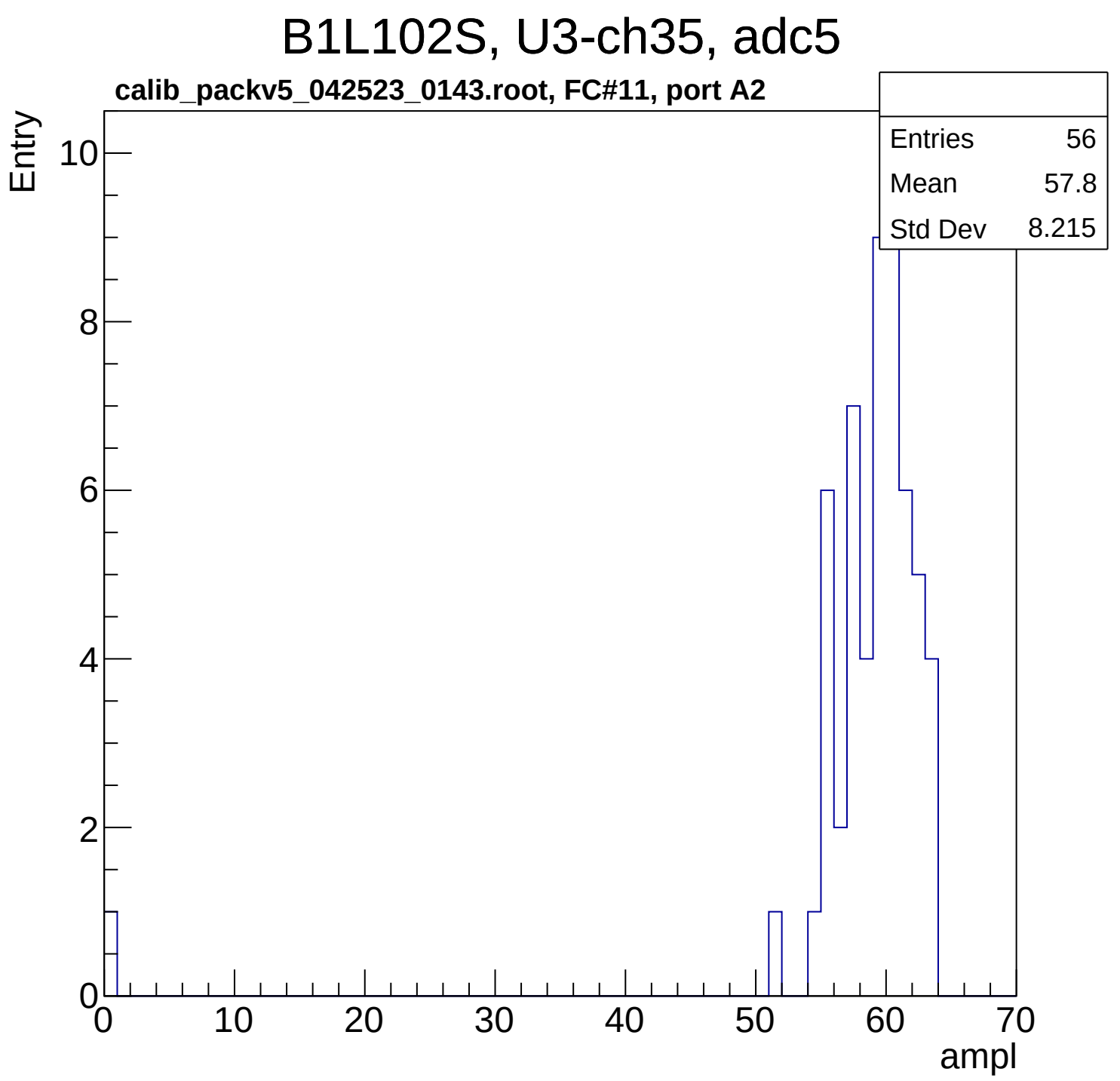
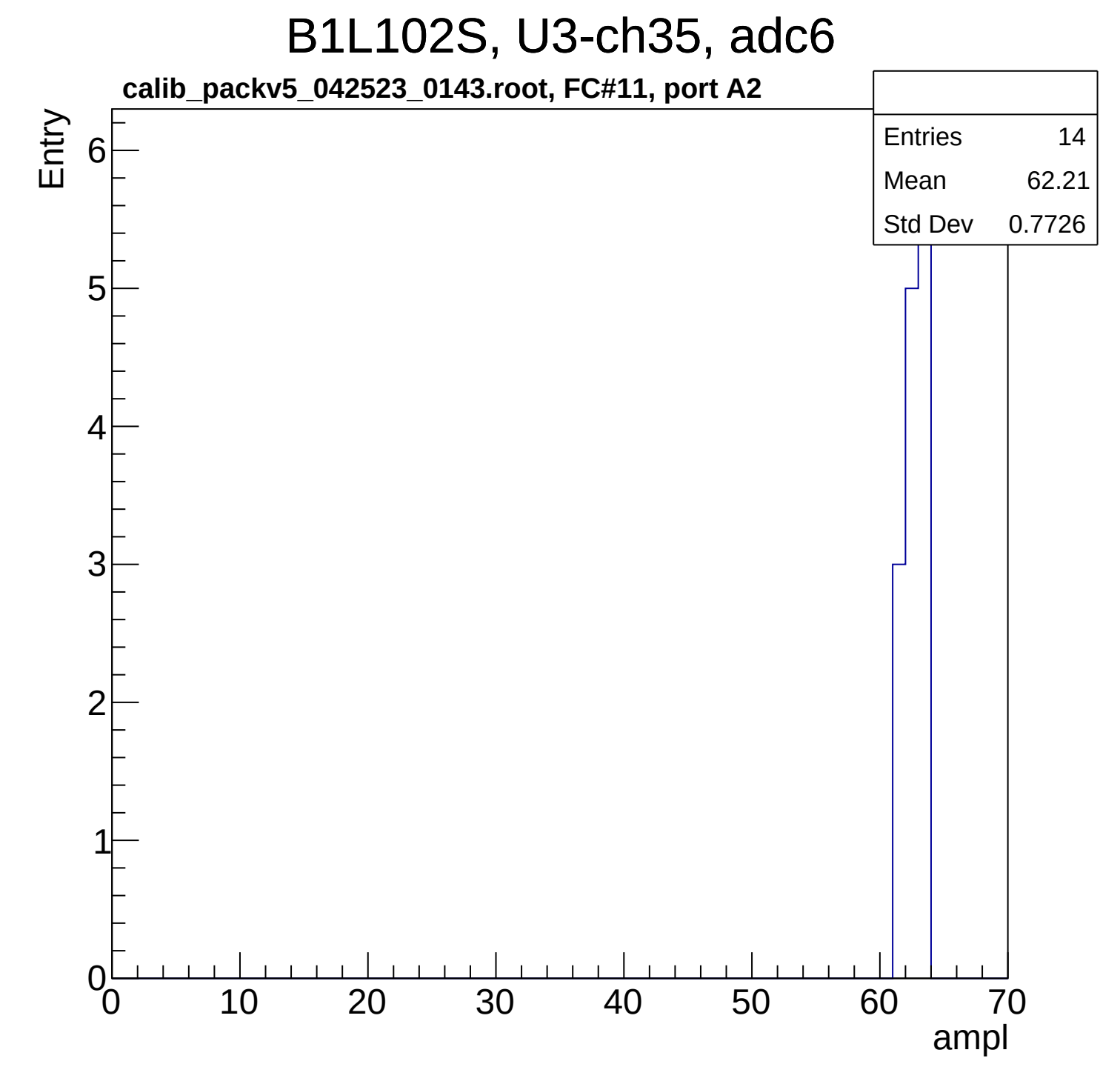

B1L102S, U3-ch35, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 57.8
Std Dev 8.215
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch35, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 62.21
Std Dev 0.7726
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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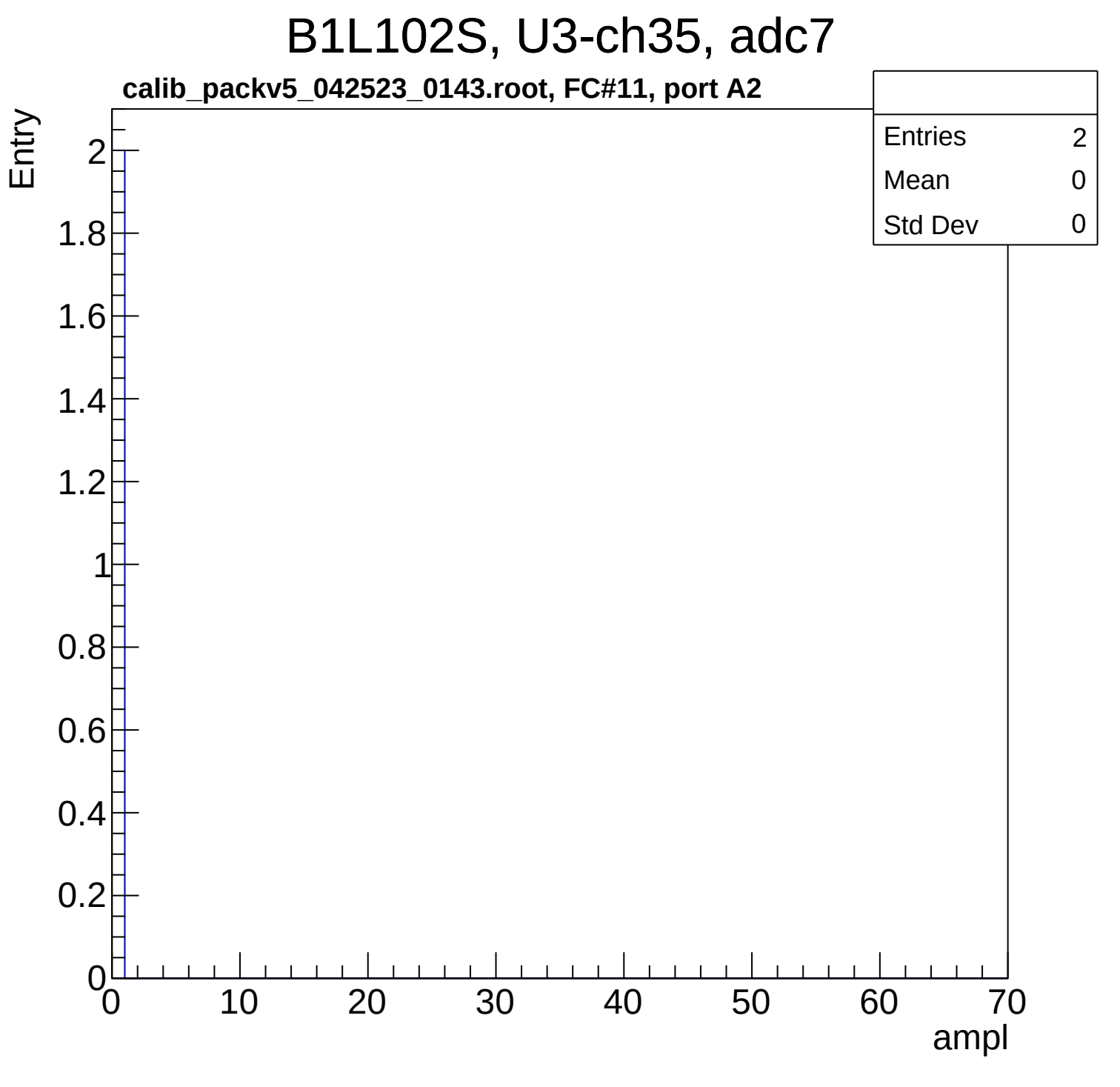
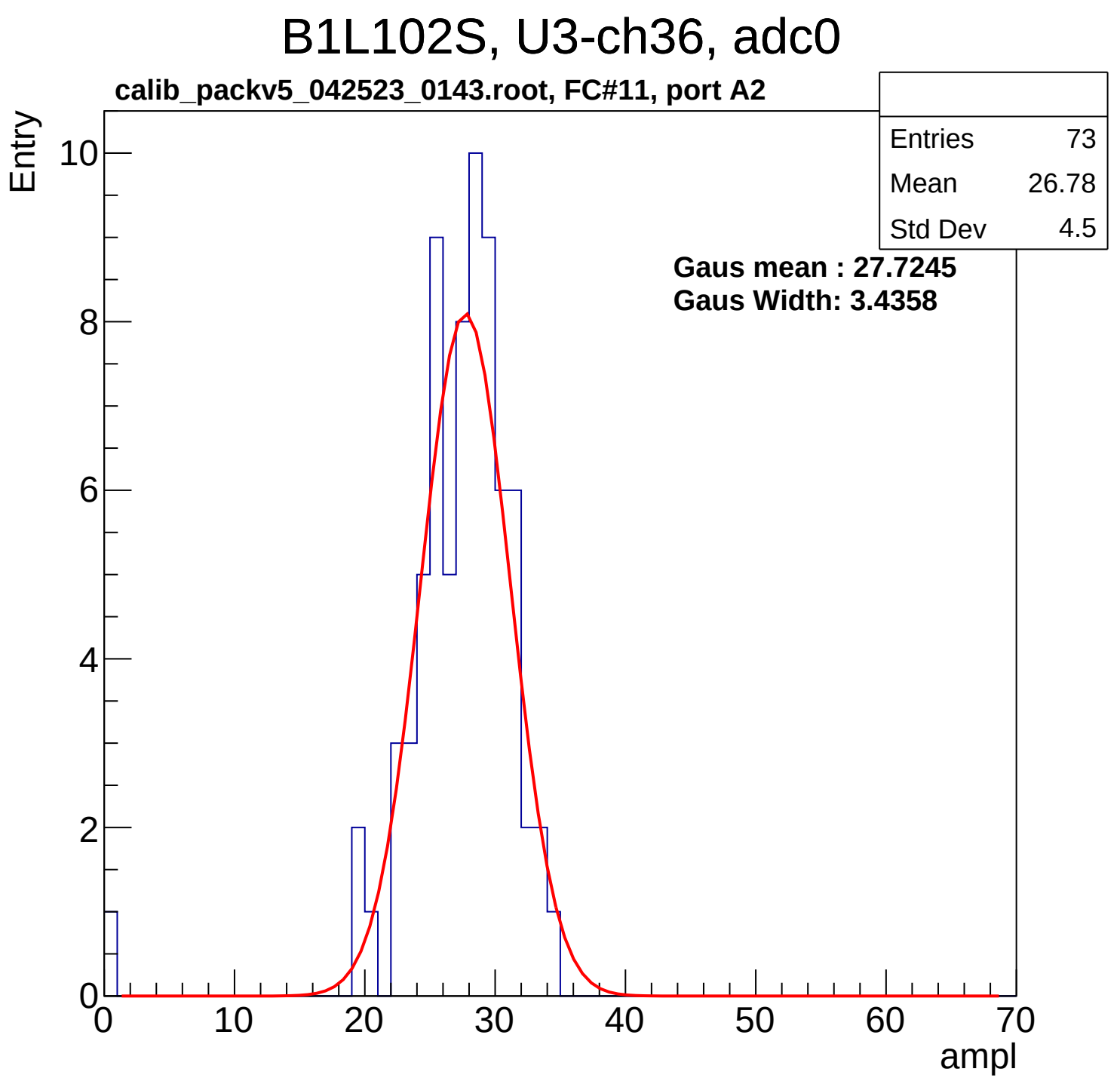
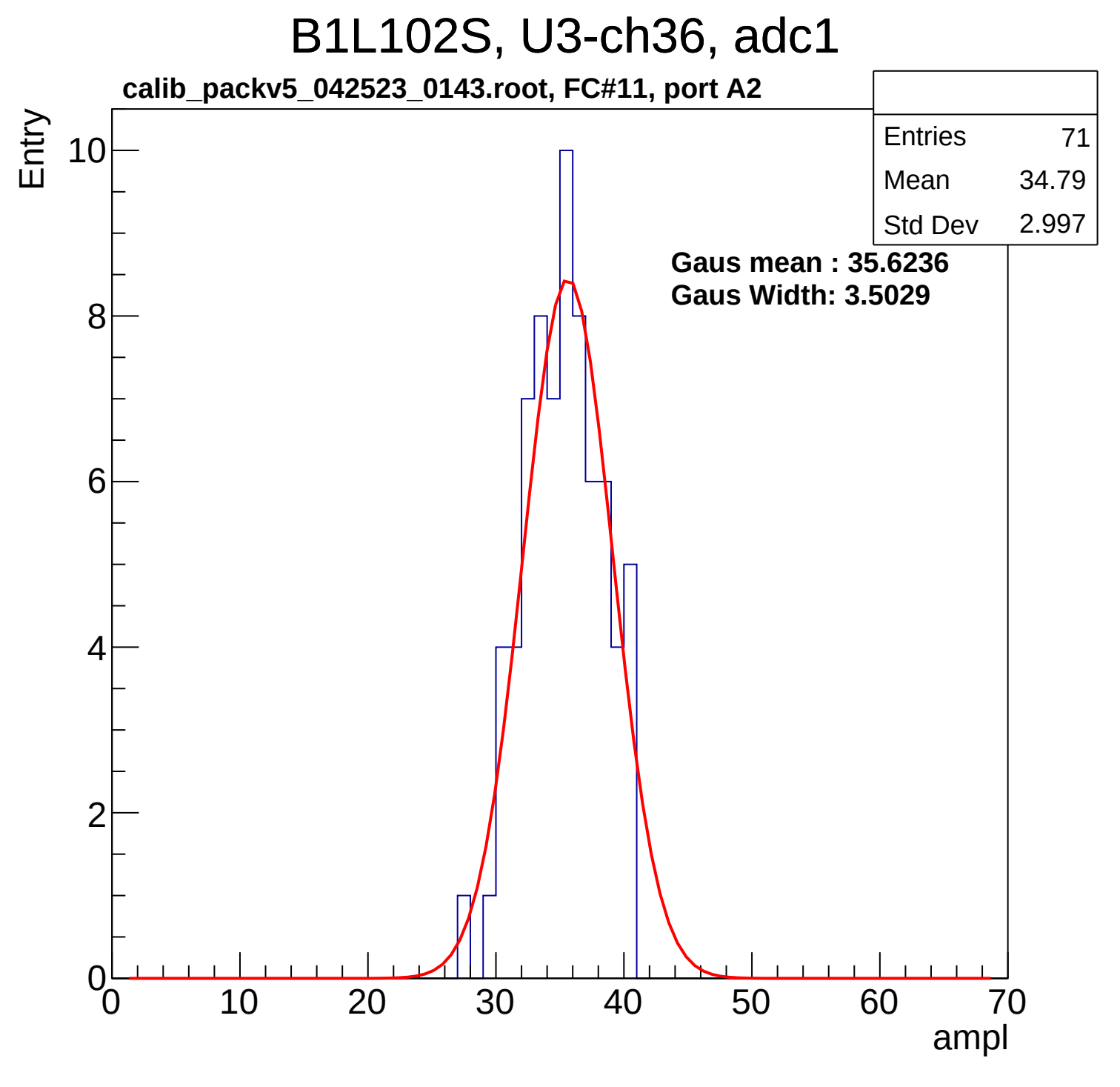

B1L102S, U3-ch35, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch36, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 26.78
Std Dev 4.5
Gaus mean : 27.7245
Gaus Width: 3.4358
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch36, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 34.79
Std Dev 2.997
Gaus mean : 35.6236
Gaus Width: 3.5029
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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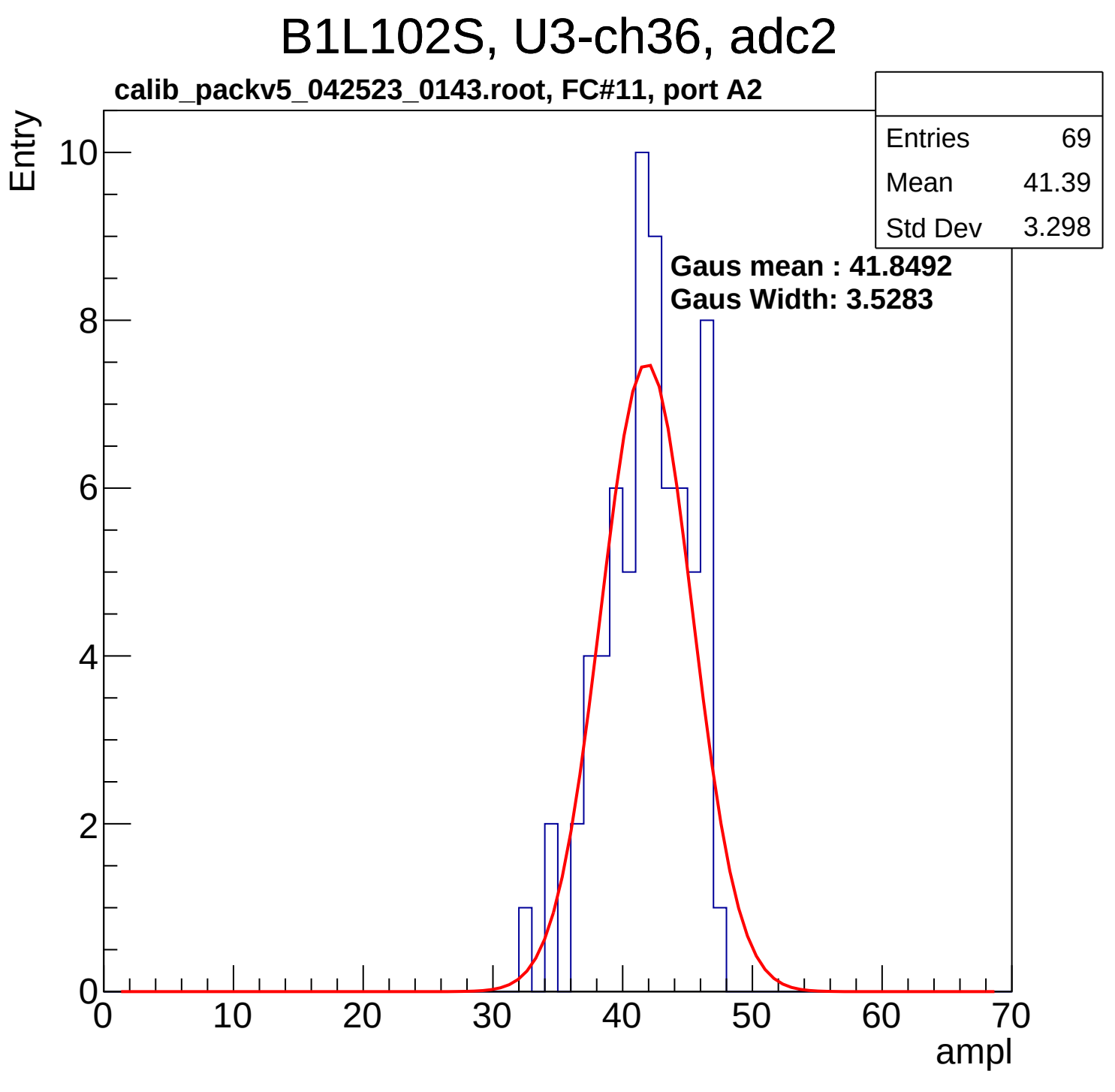
B1L102S, U3-ch36, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 41.39
Std Dev 3.298
Gaus mean : 41.8492
Gaus Width: 3.5283
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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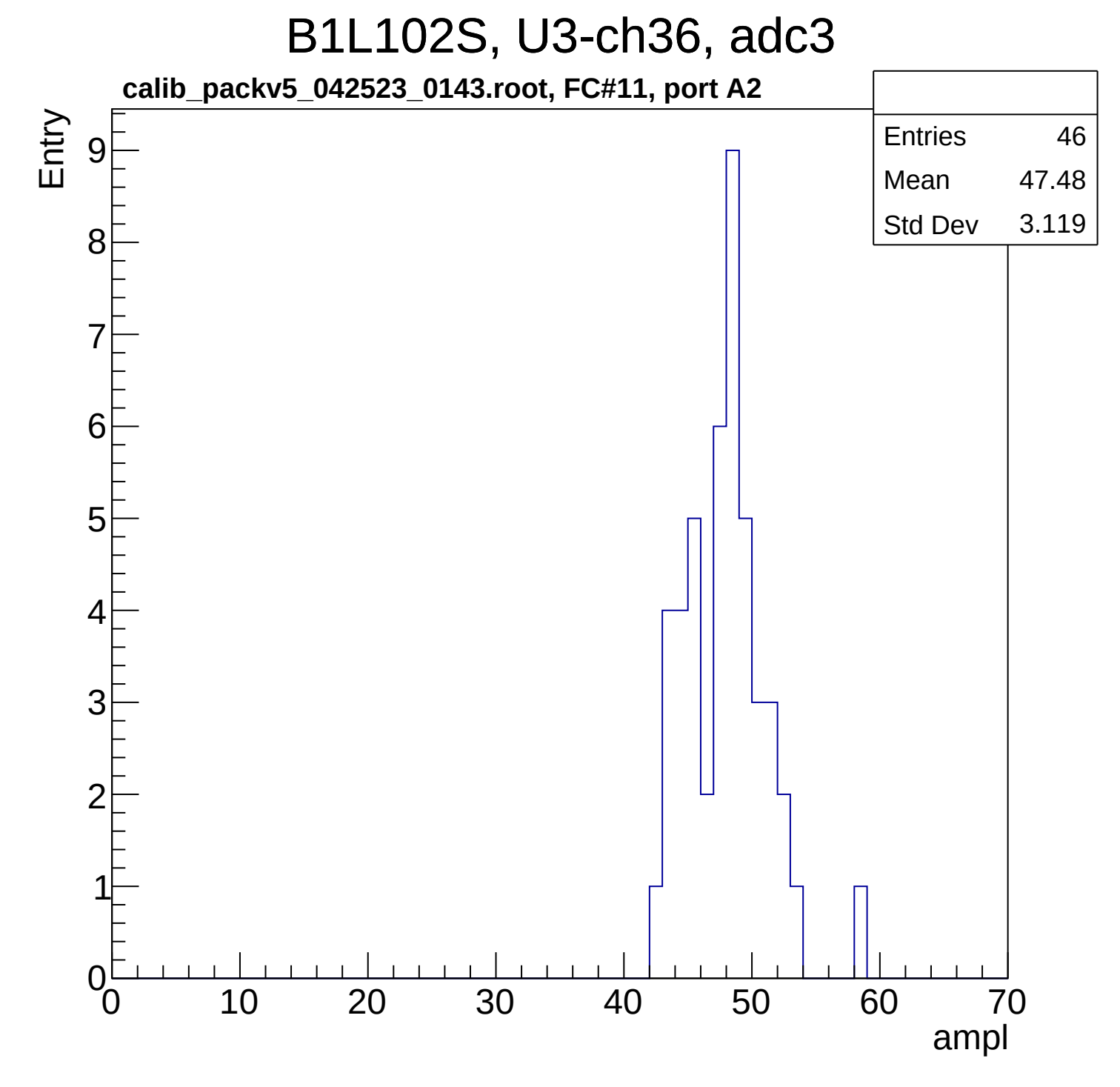
B1L102S, U3-ch36, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 47.48
Std Dev 3.119
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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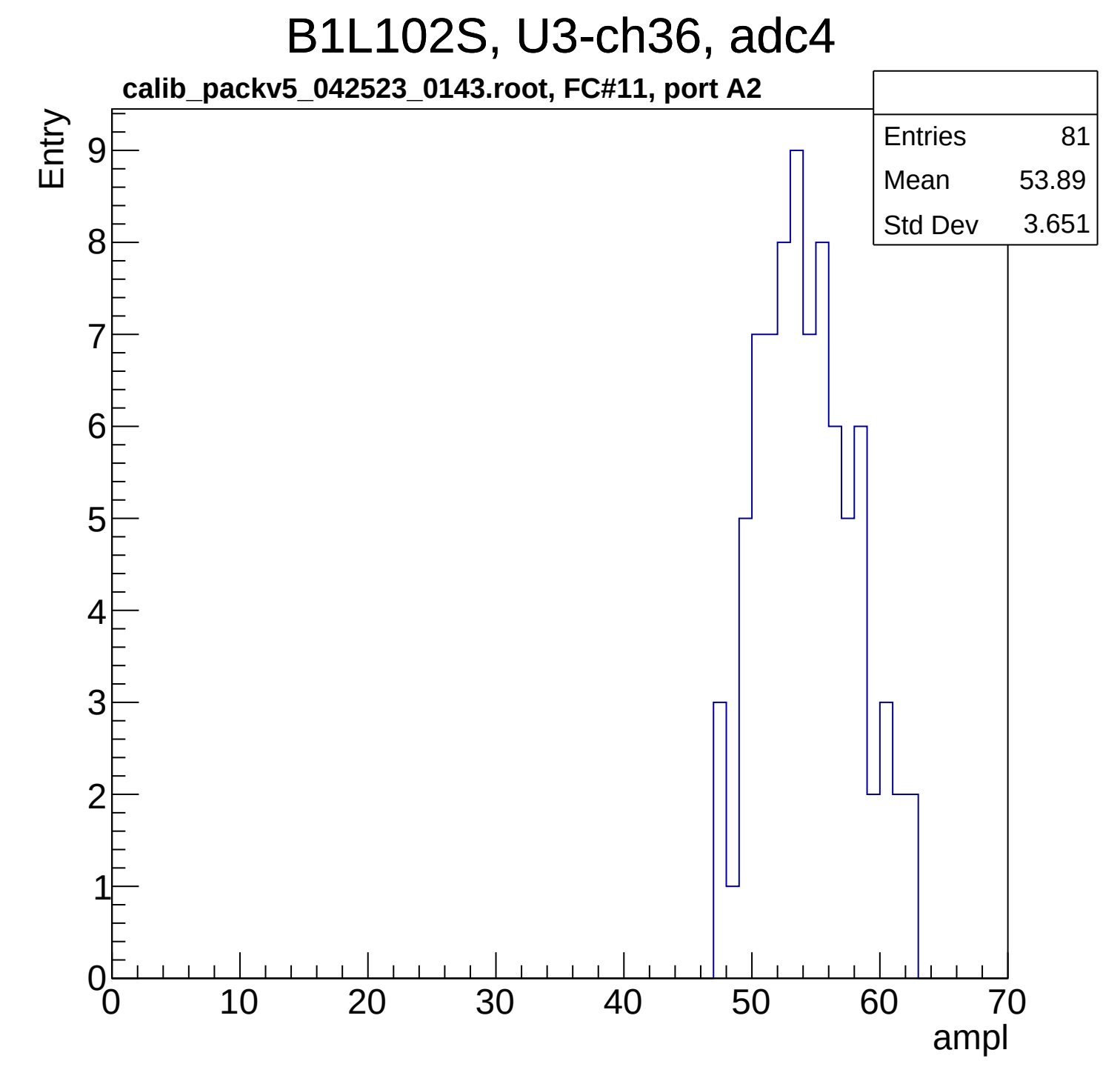
B1L102S, U3-ch36, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 53.89
Std Dev 3.651
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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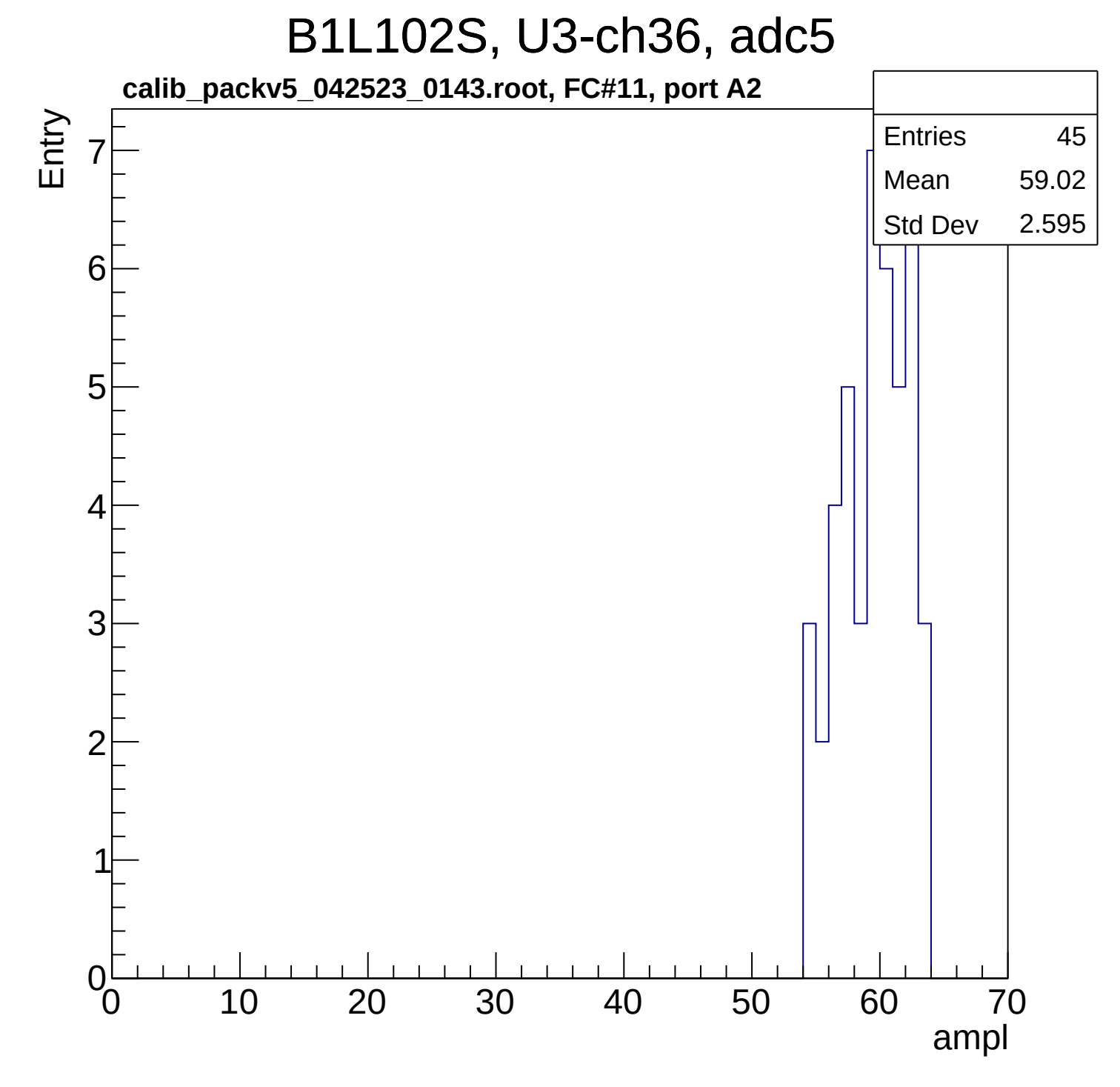
B1L102S, U3-ch36, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 59.02
Std Dev 2.595
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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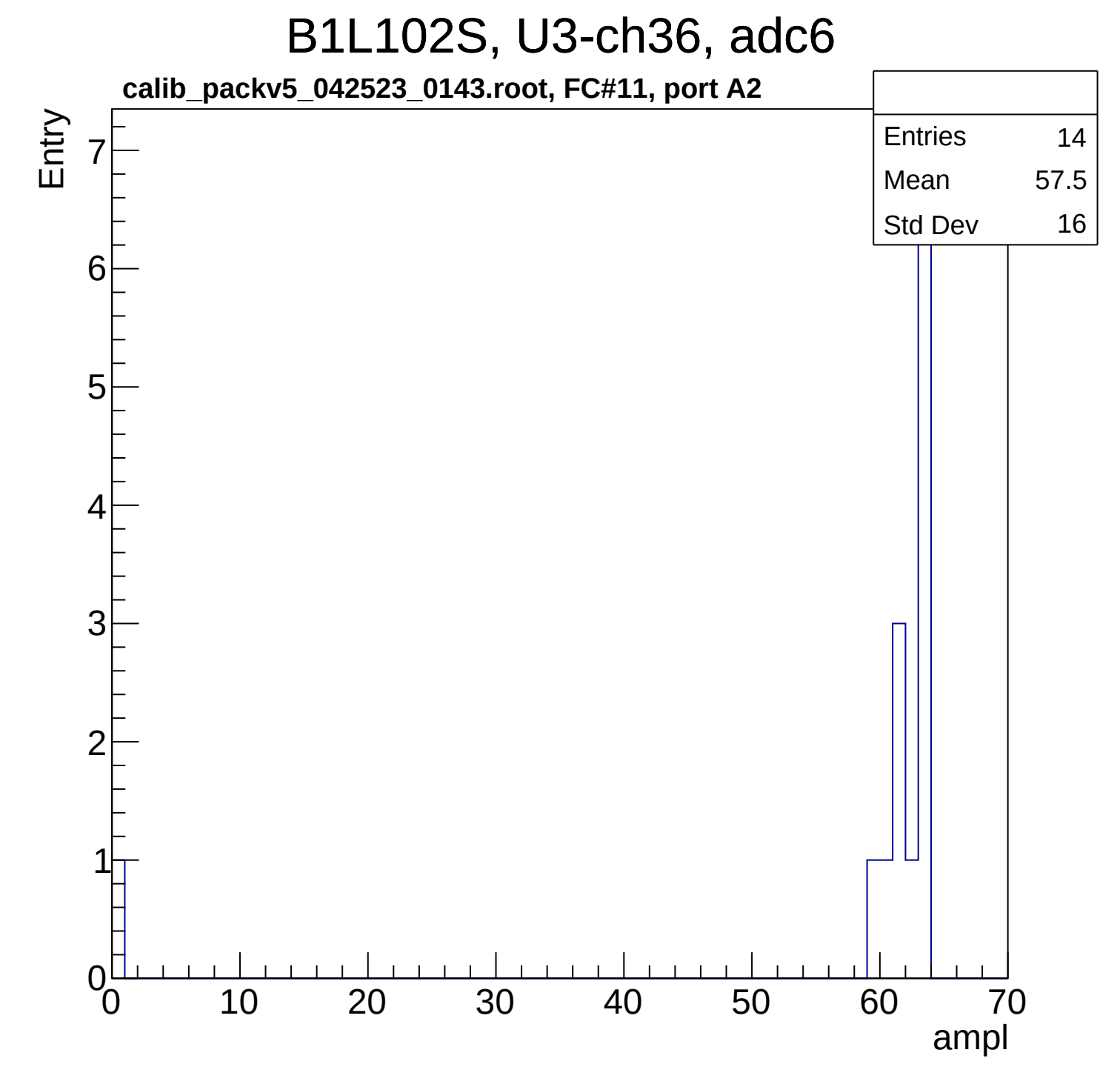
B1L102S, U3-ch36, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 57.5
Std Dev 16
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
30
40
50
60
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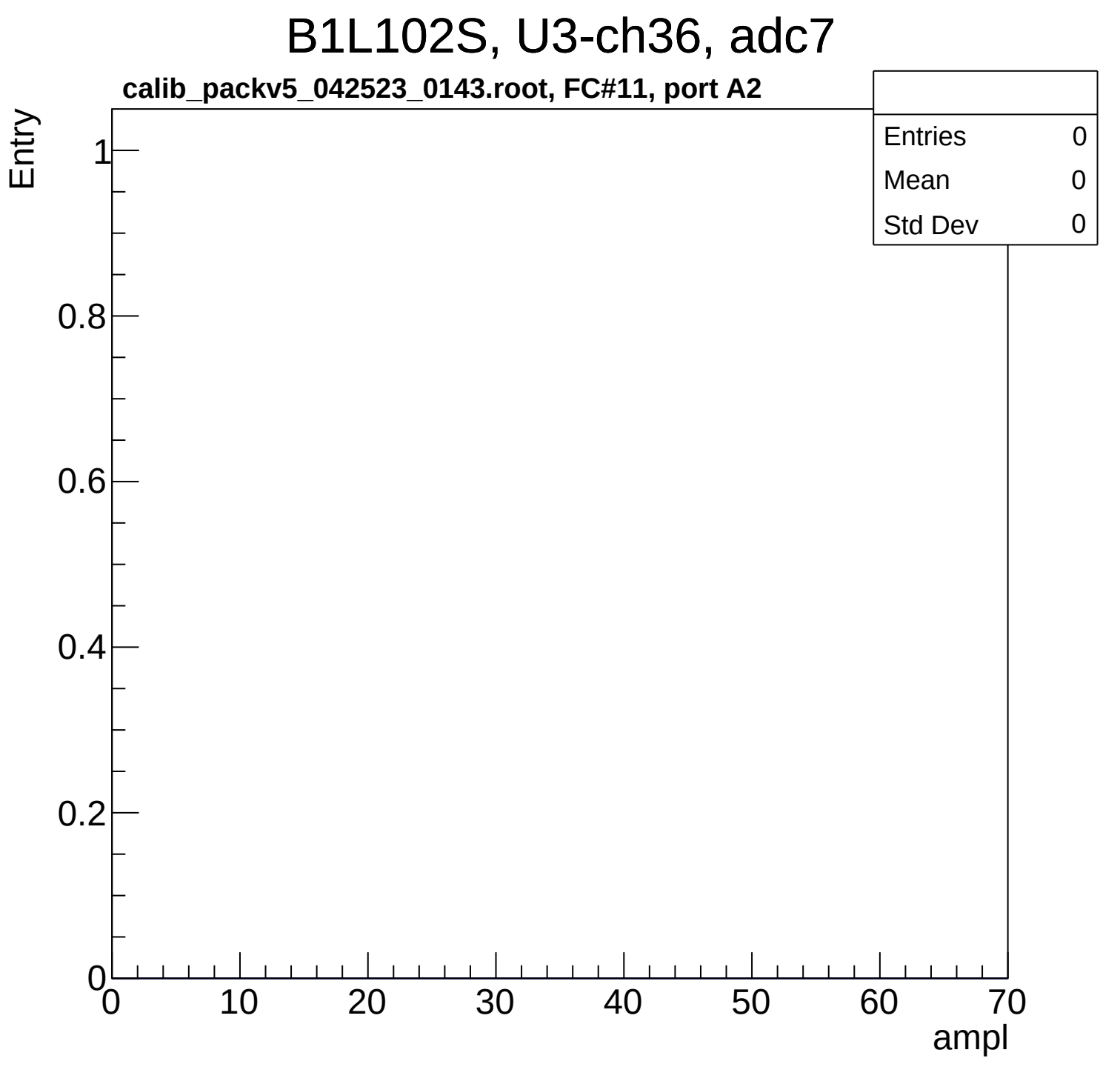
B1L102S, U3-ch36, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
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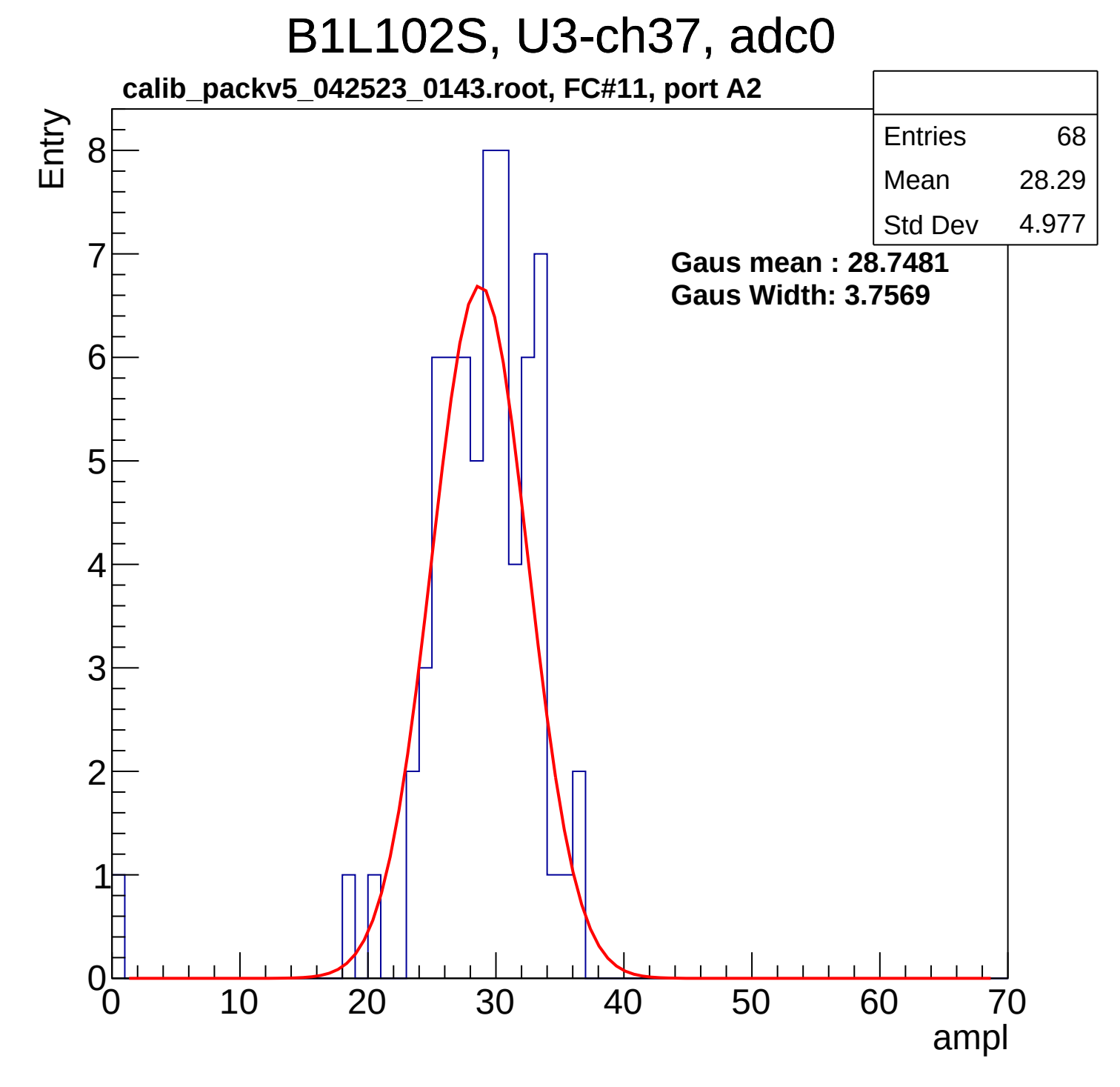
40
50
60
70
ampl


B1L102S, U3-ch37, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 28.29
Std Dev 4.977
Gaus mean : 28.7481
Gaus Width: 3.7569
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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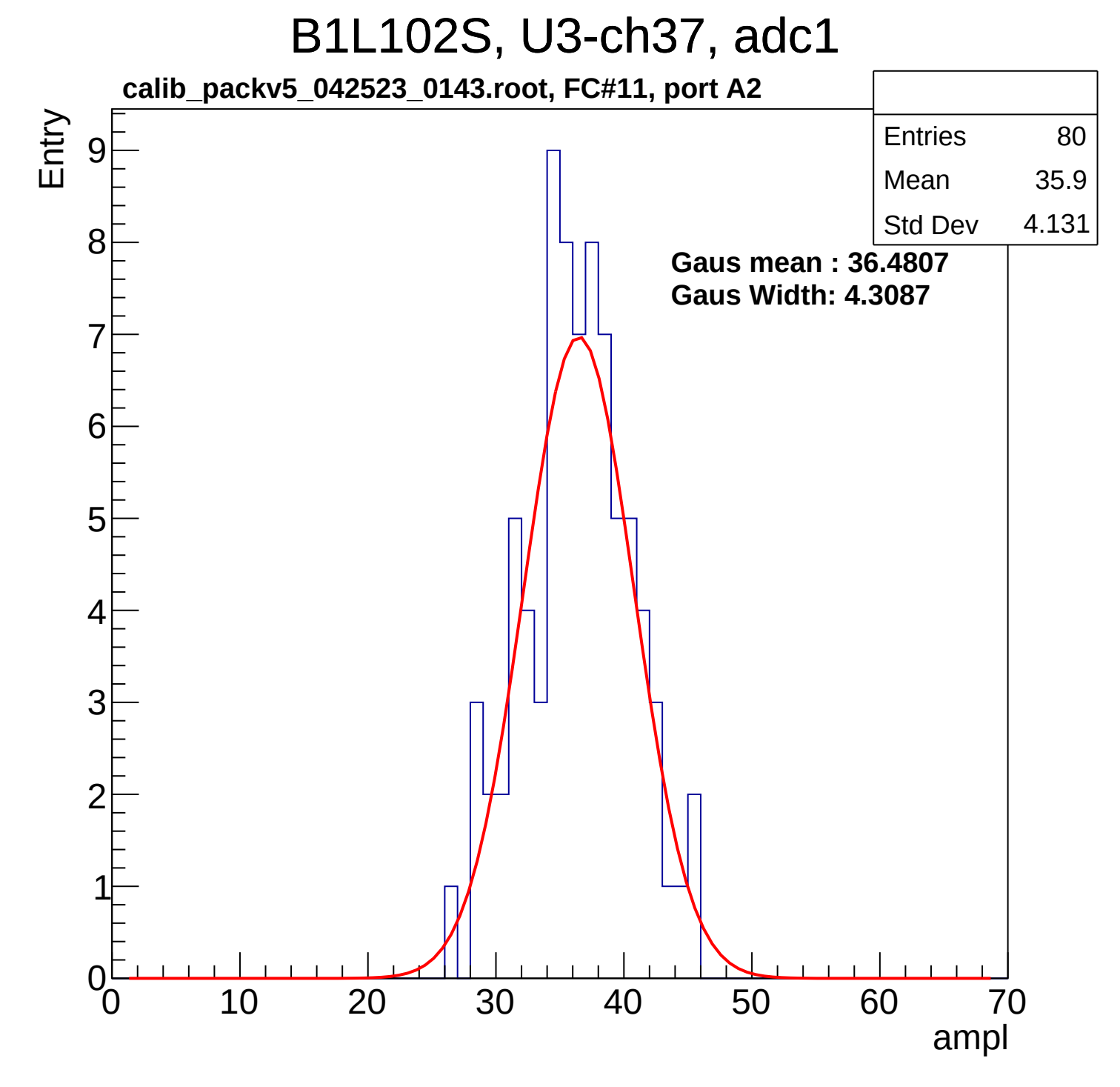
40
50
60
70


B1L102S, U3-ch37, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 35.9
Std Dev 4.131
Gaus mean : 36.4807
Gaus Width: 4.3087
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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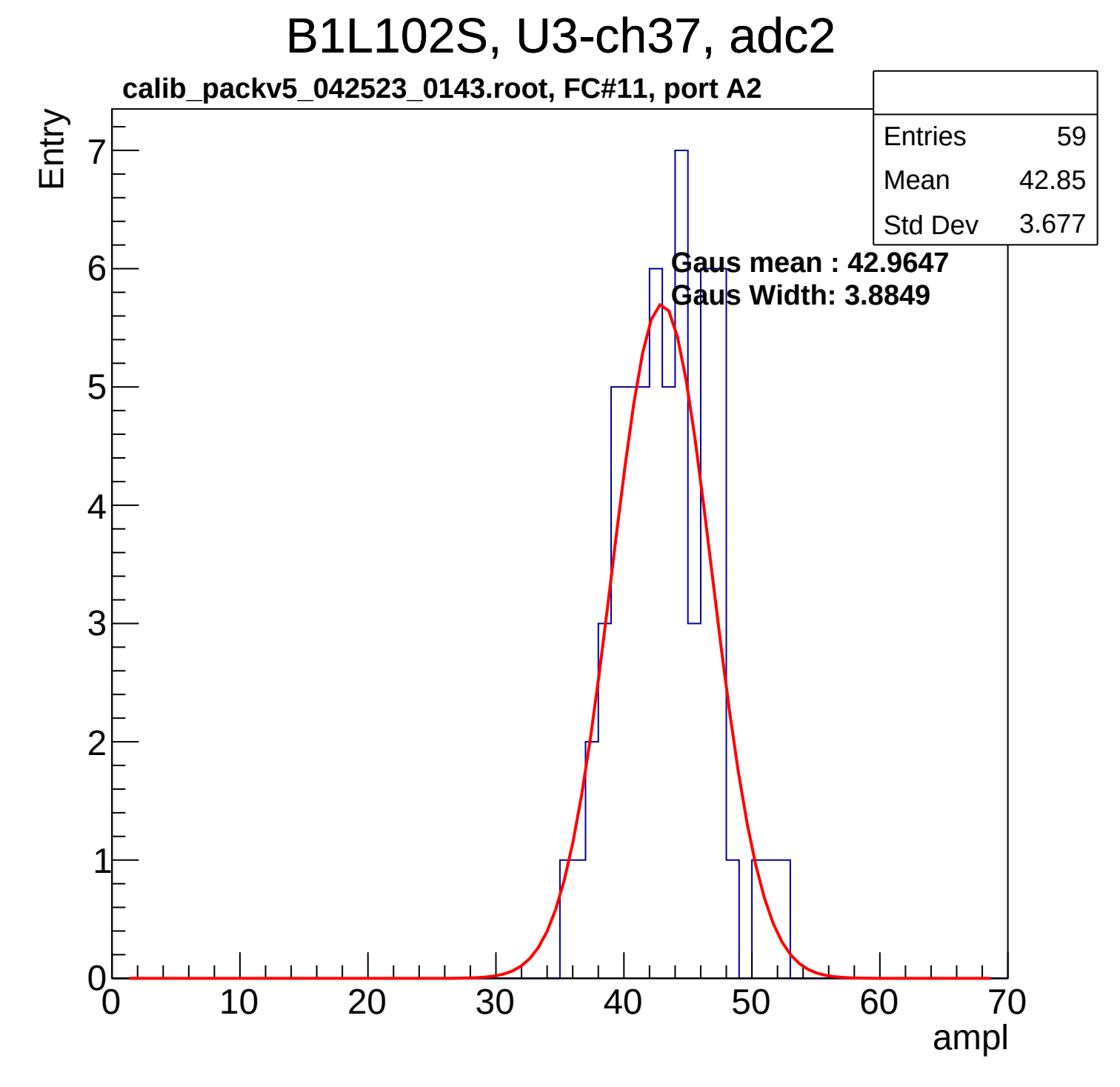
B1L102S, U3-ch37, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 42.85
Std Dev 3.677
Gaus mean : 42.9647
Gaus Width: 3.8849
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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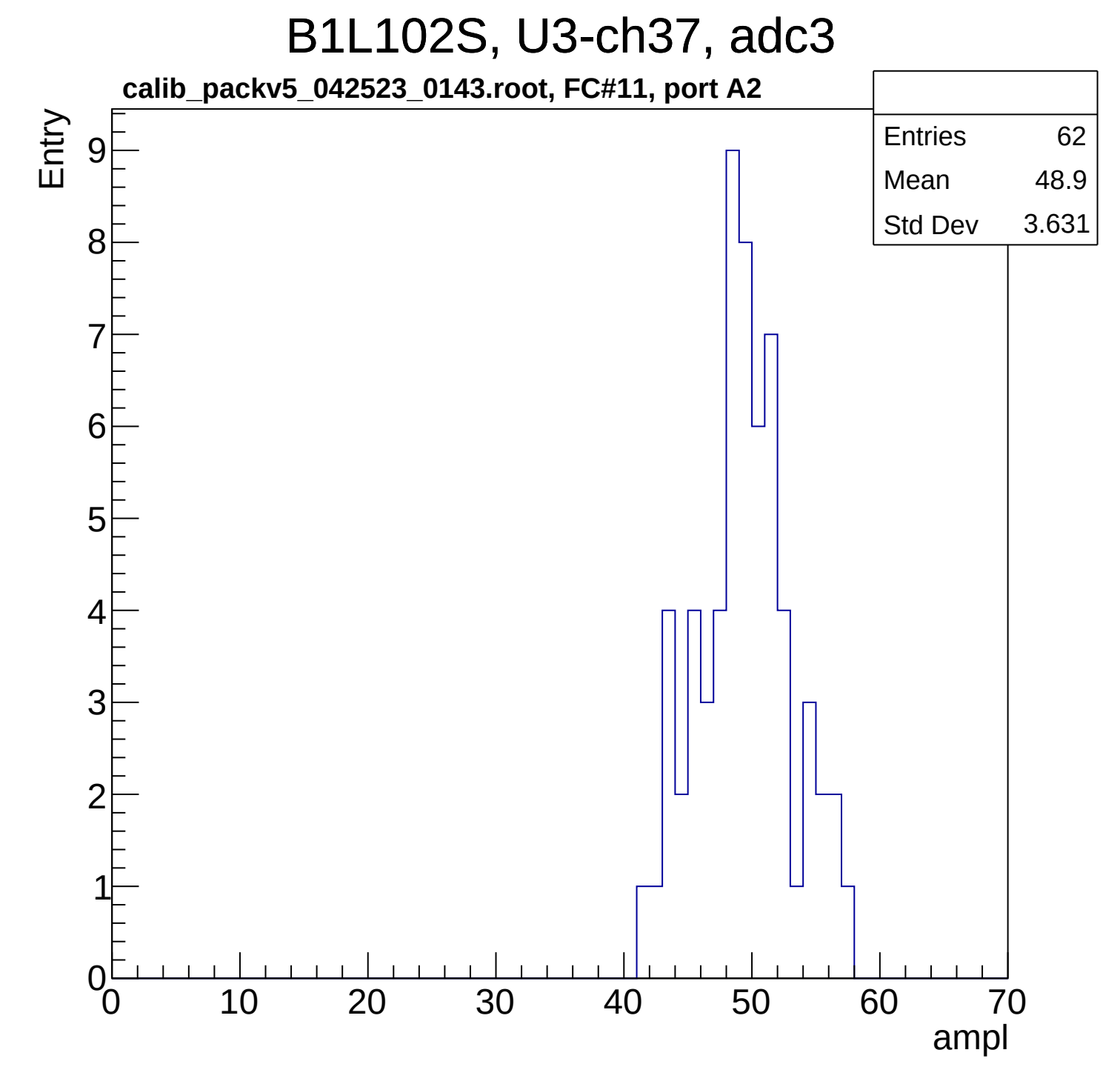
B1L102S, U3-ch37, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 48.9
Std Dev 3.631
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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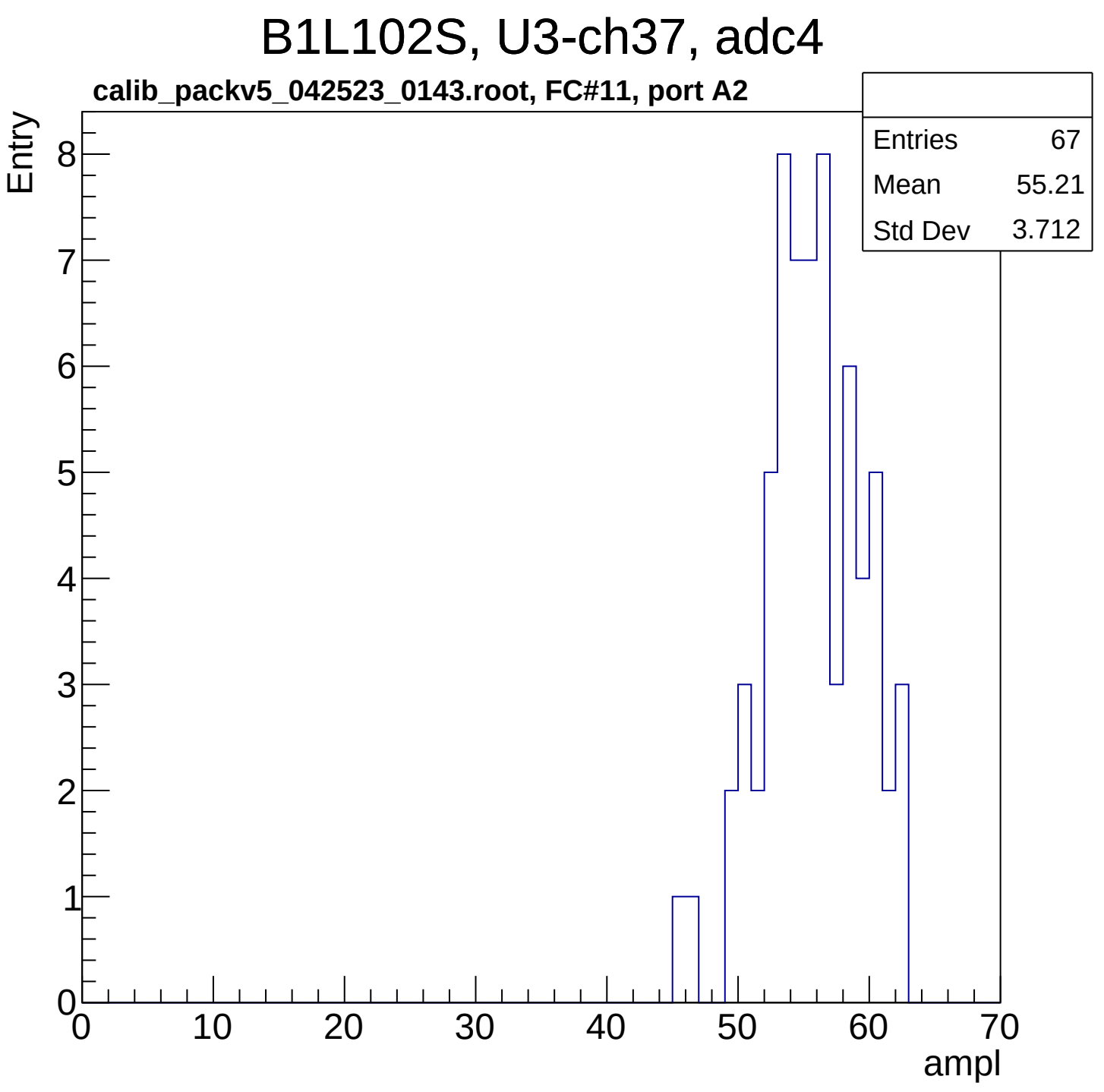
B1L102S, U3-ch37, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 55.21
Std Dev 3.712
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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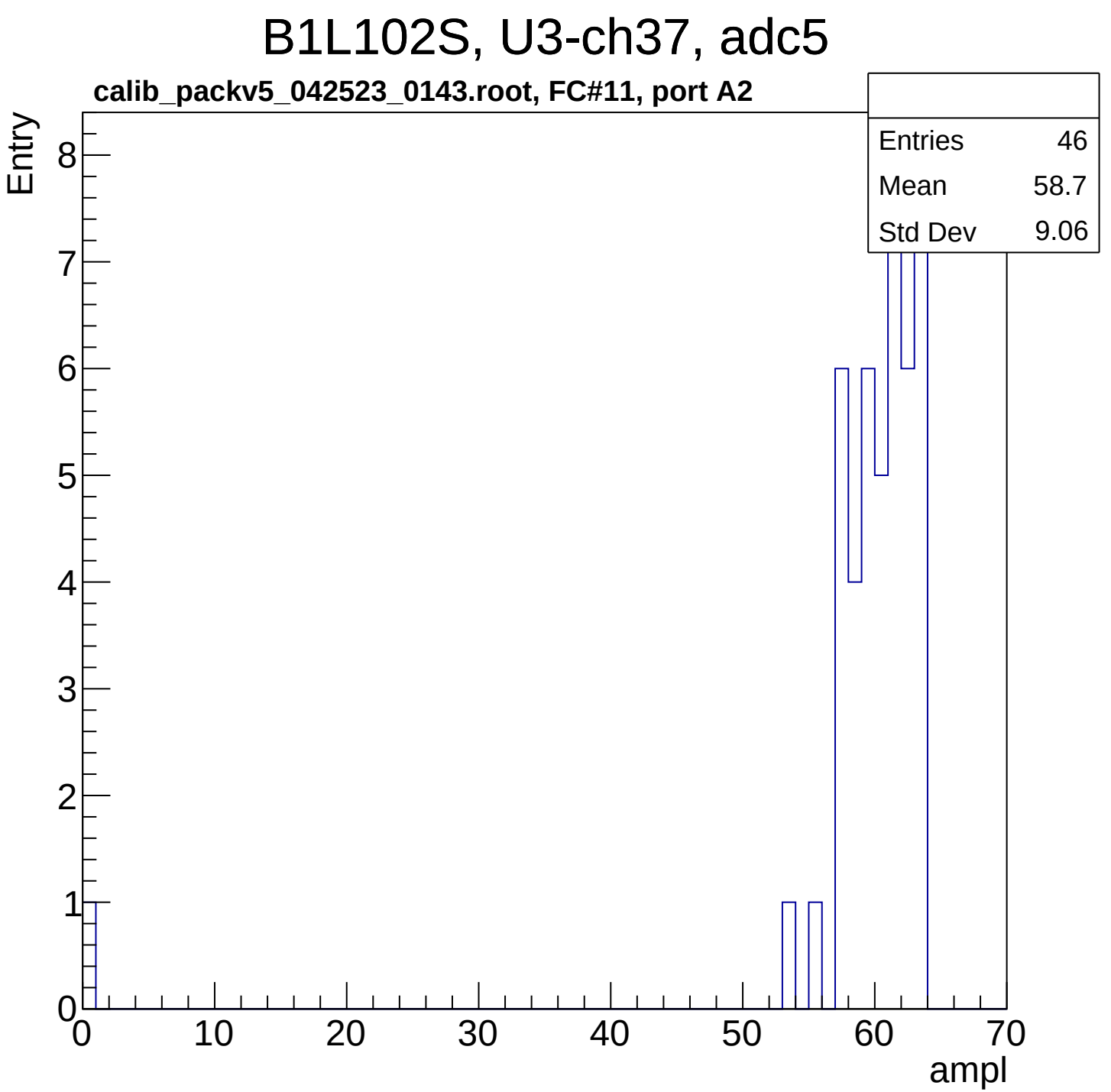
B1L102S, U3-ch37, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 58.7
Std Dev 9.06
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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60
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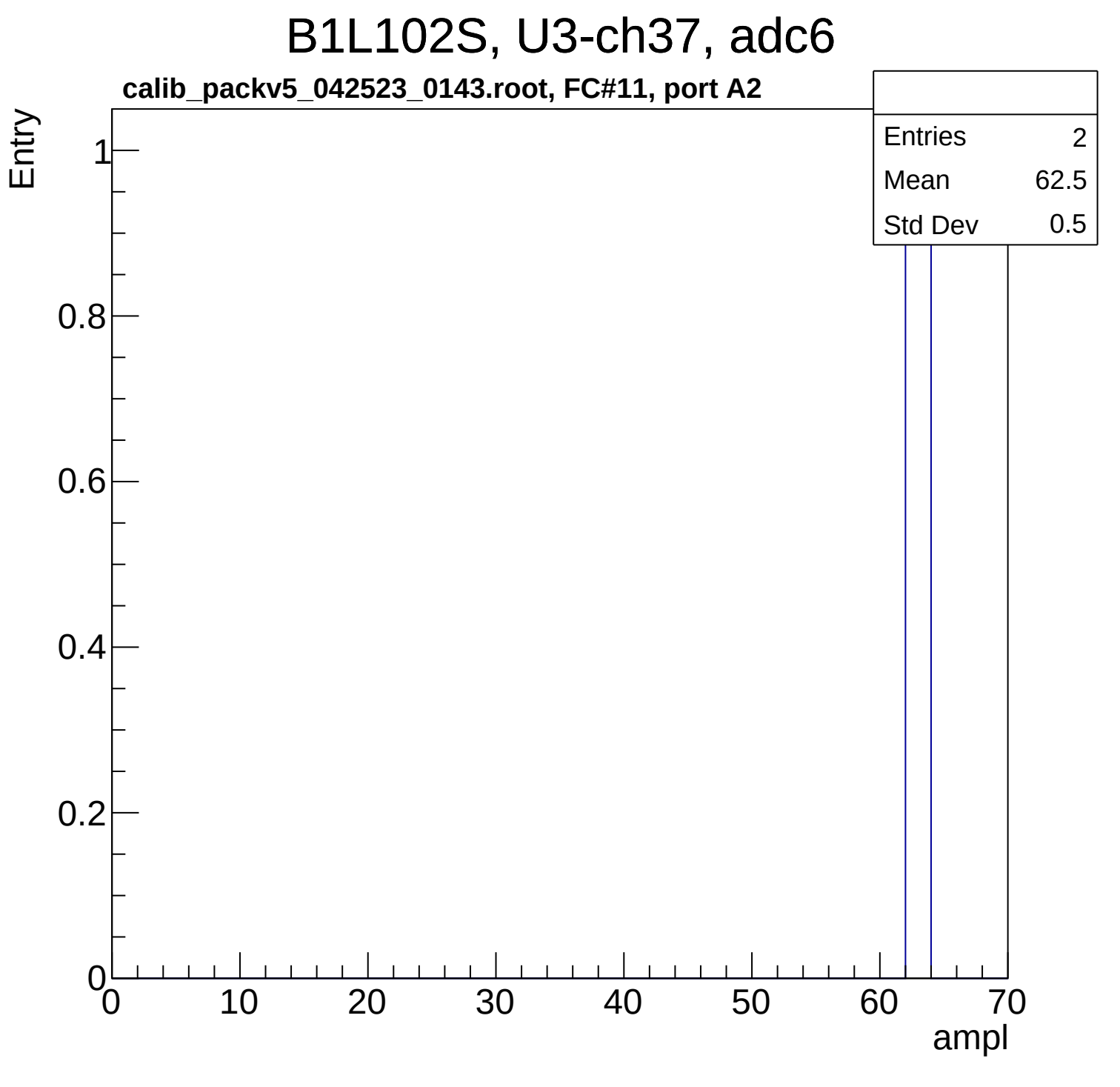
B1L102S, U3-ch37, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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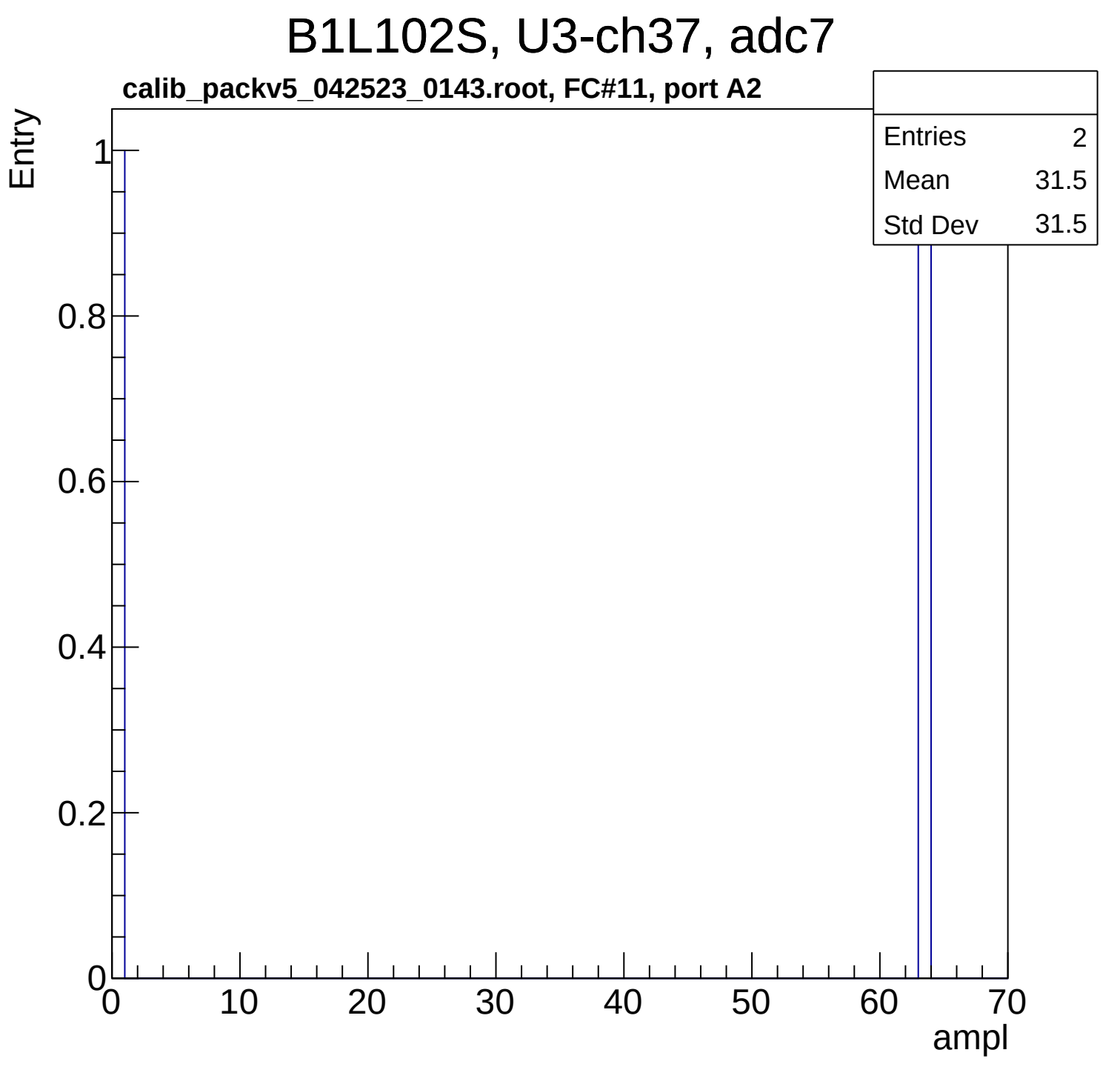
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch37, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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0.6
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10
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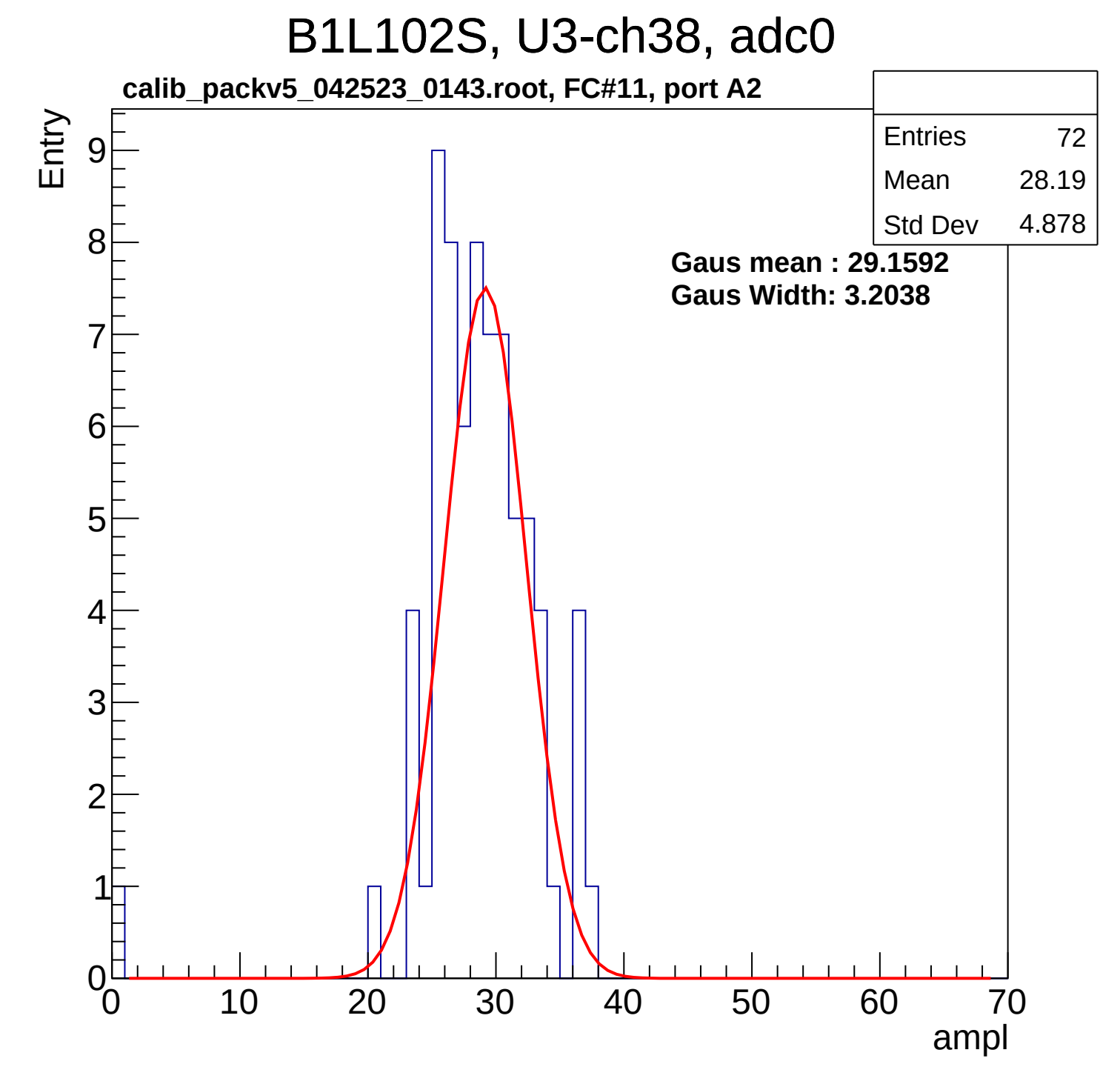
50
60
70
ampl


B1L102S, U3-ch38, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 28.19
Std Dev 4.878
Gaus mean : 29.1592
Gaus Width: 3.2038
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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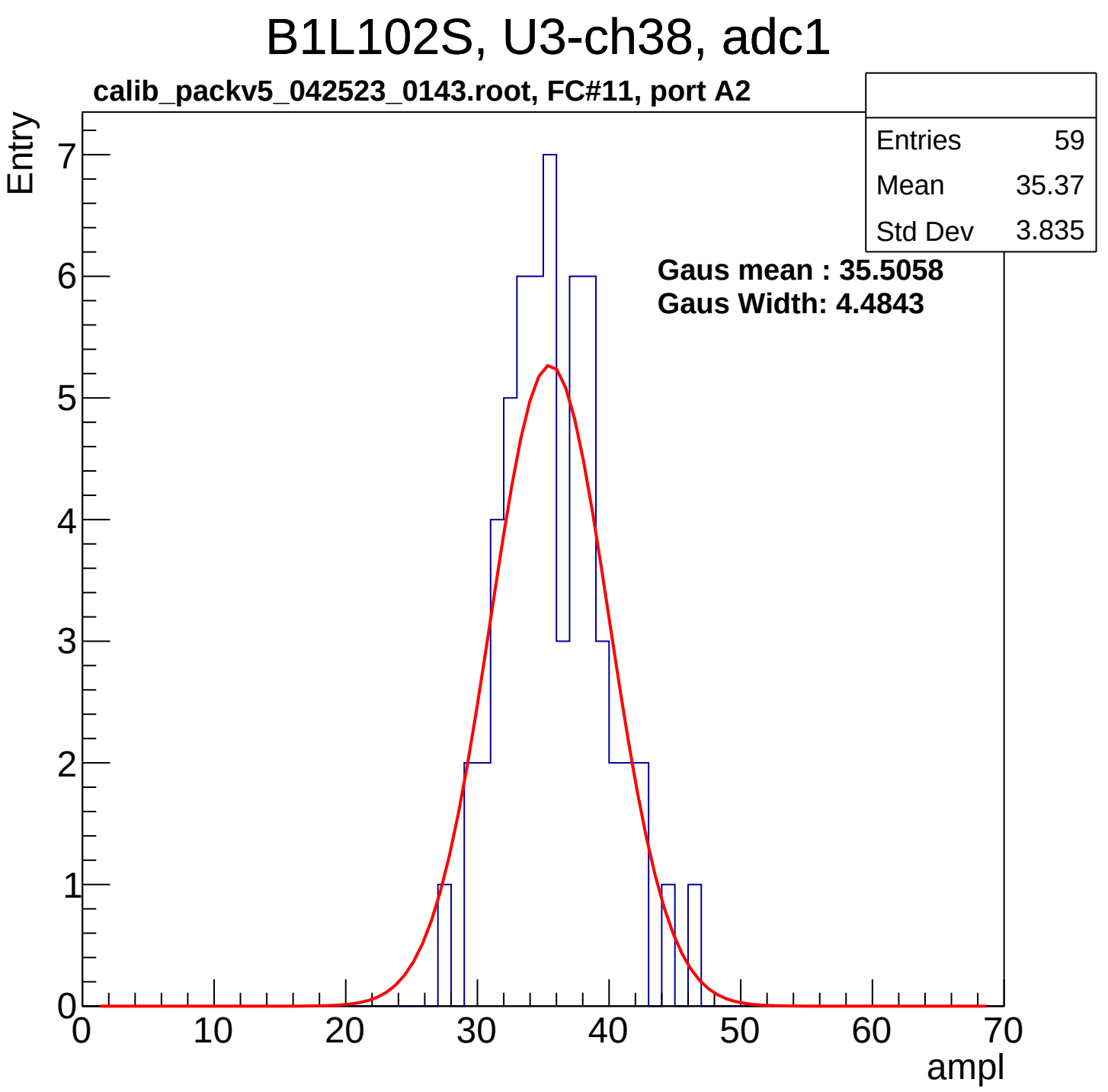
B1L102S, U3-ch38, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 35.37
Std Dev 3.835
Gaus mean : 35.5058
Gaus Width: 4.4843
Entry
ampl
0
1
2
3
4
5
6
7
0
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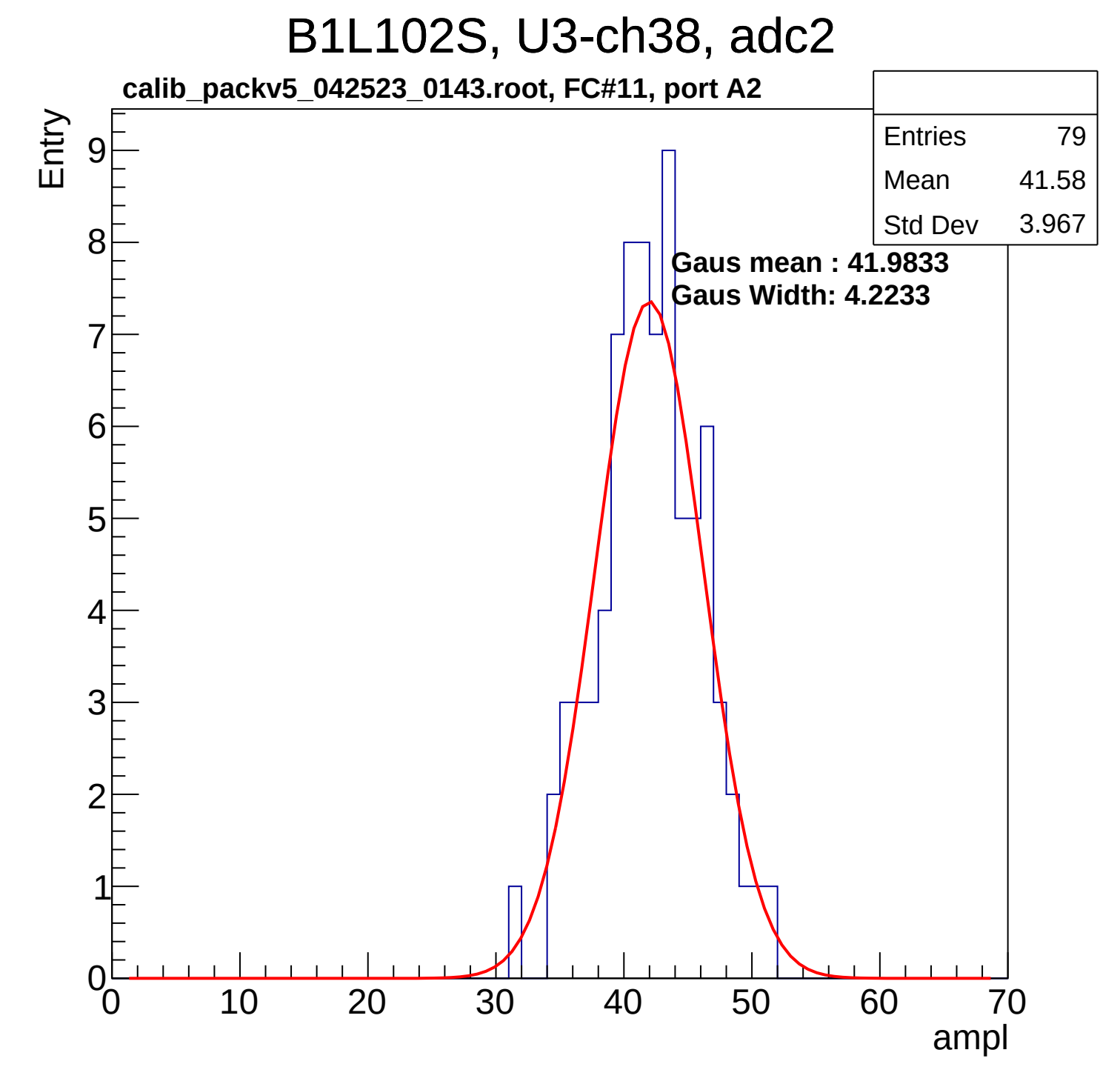
B1L102S, U3-ch38, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 41.58
Std Dev 3.967
Gaus mean : 41.9833
Gaus Width: 4.2233
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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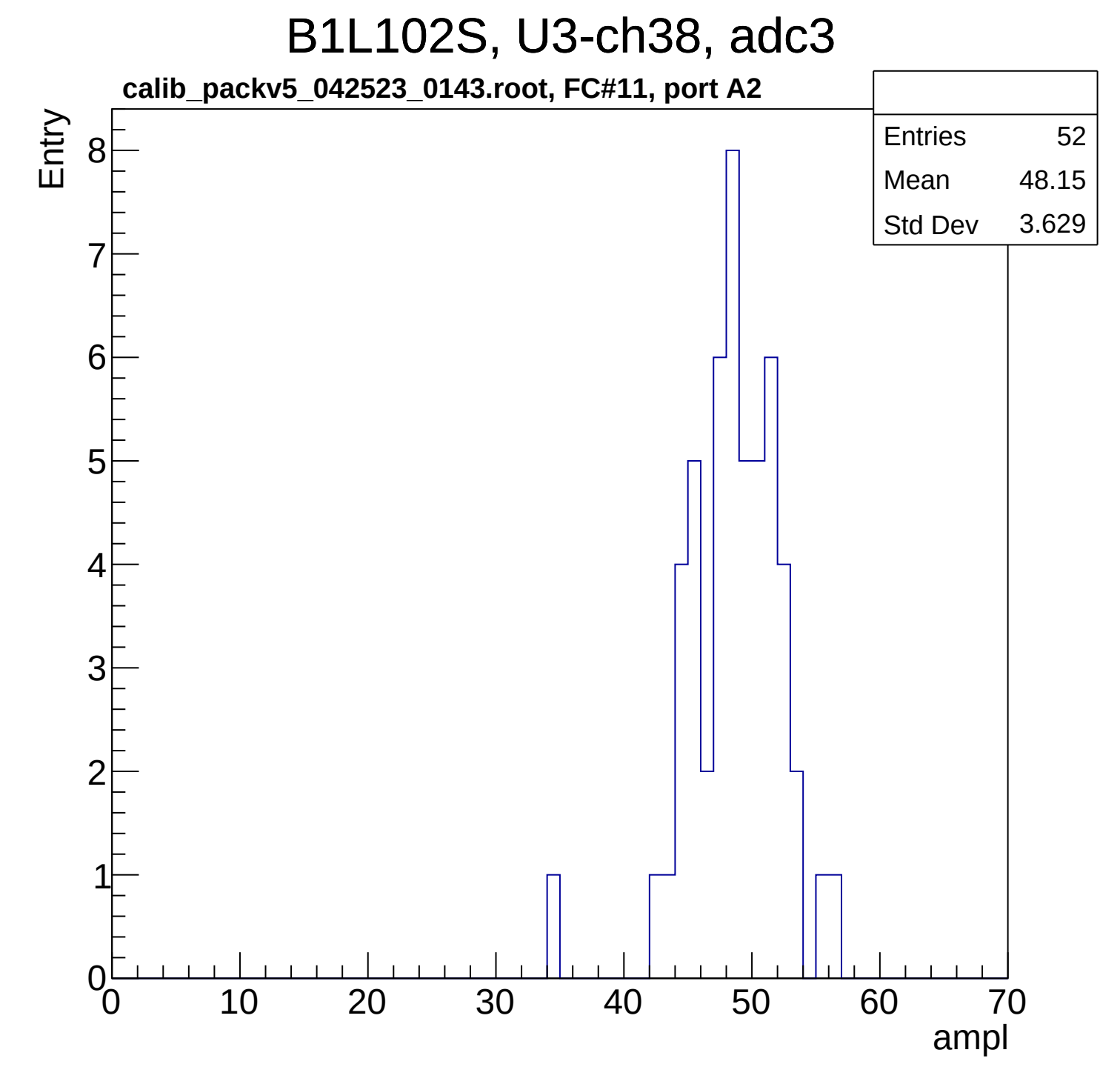
B1L102S, U3-ch38, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 48.15
Std Dev 3.629
Entry
ampl
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7
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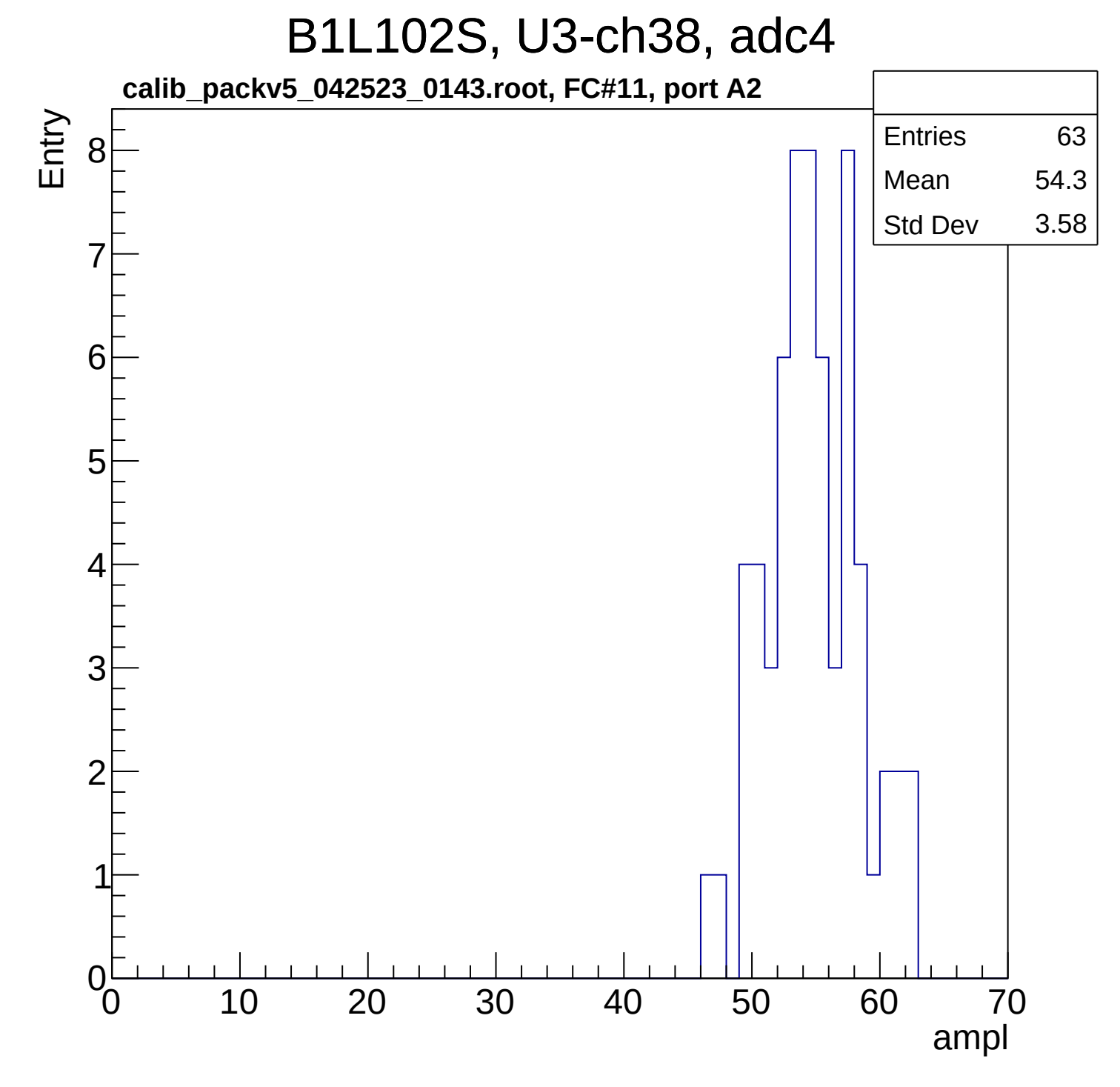
B1L102S, U3-ch38, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 54.3
Std Dev 3.58
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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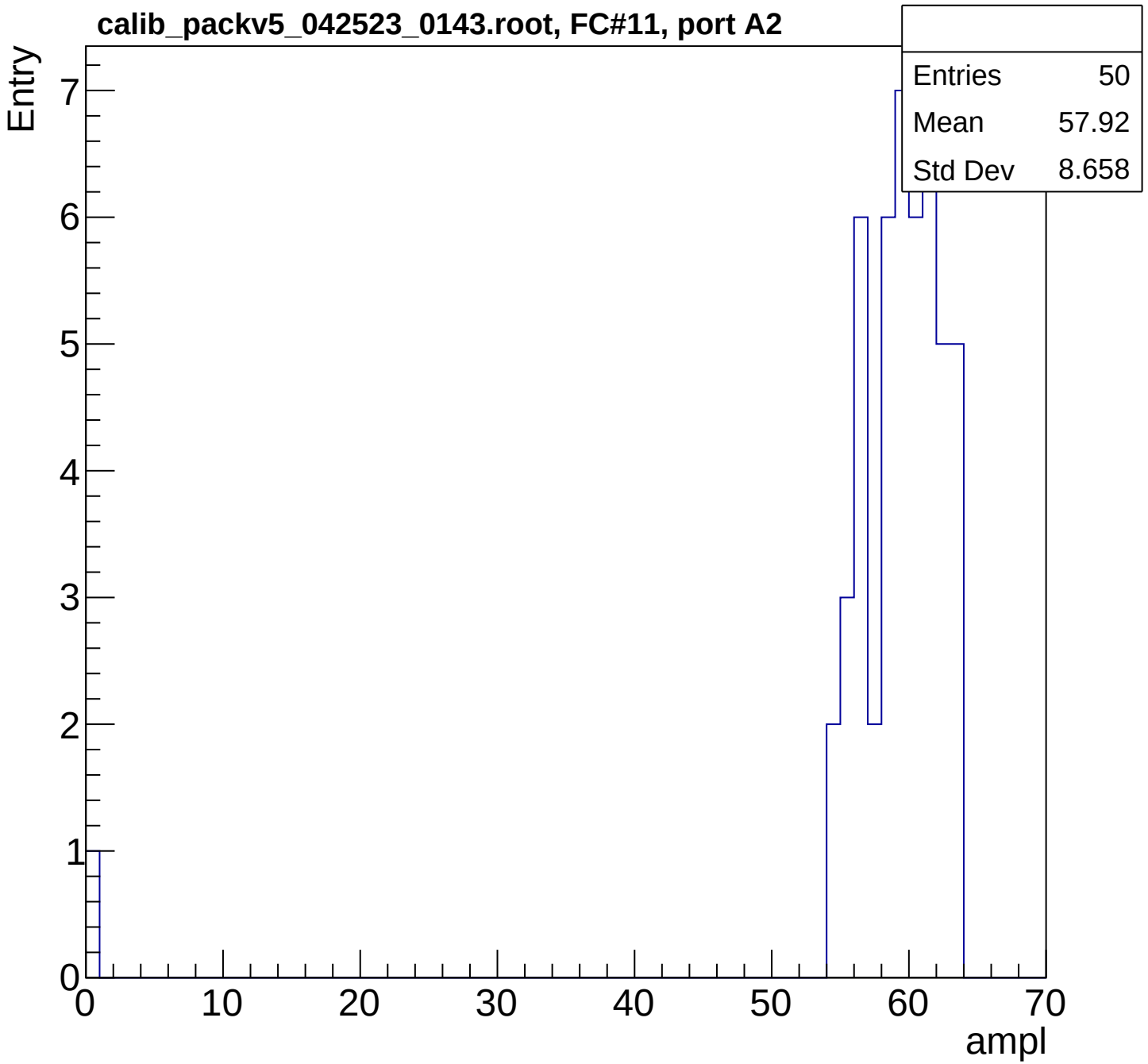
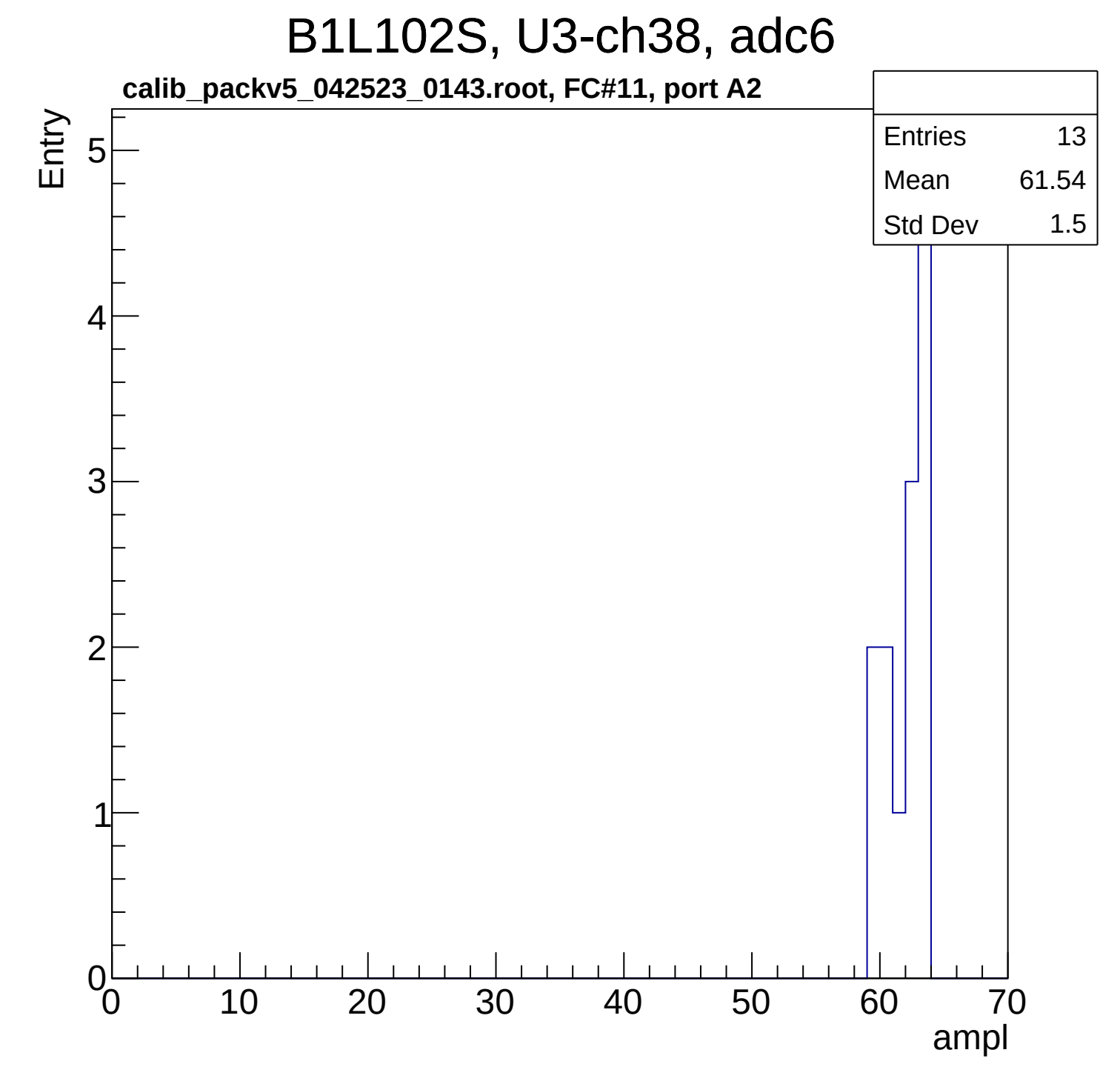

B1L102S, U3-ch38, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 57.92
Std Dev 8.658
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch38, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.54
Std Dev 1.5
Entry
ampl
0
1
2
3
4
5
0
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40
50
60
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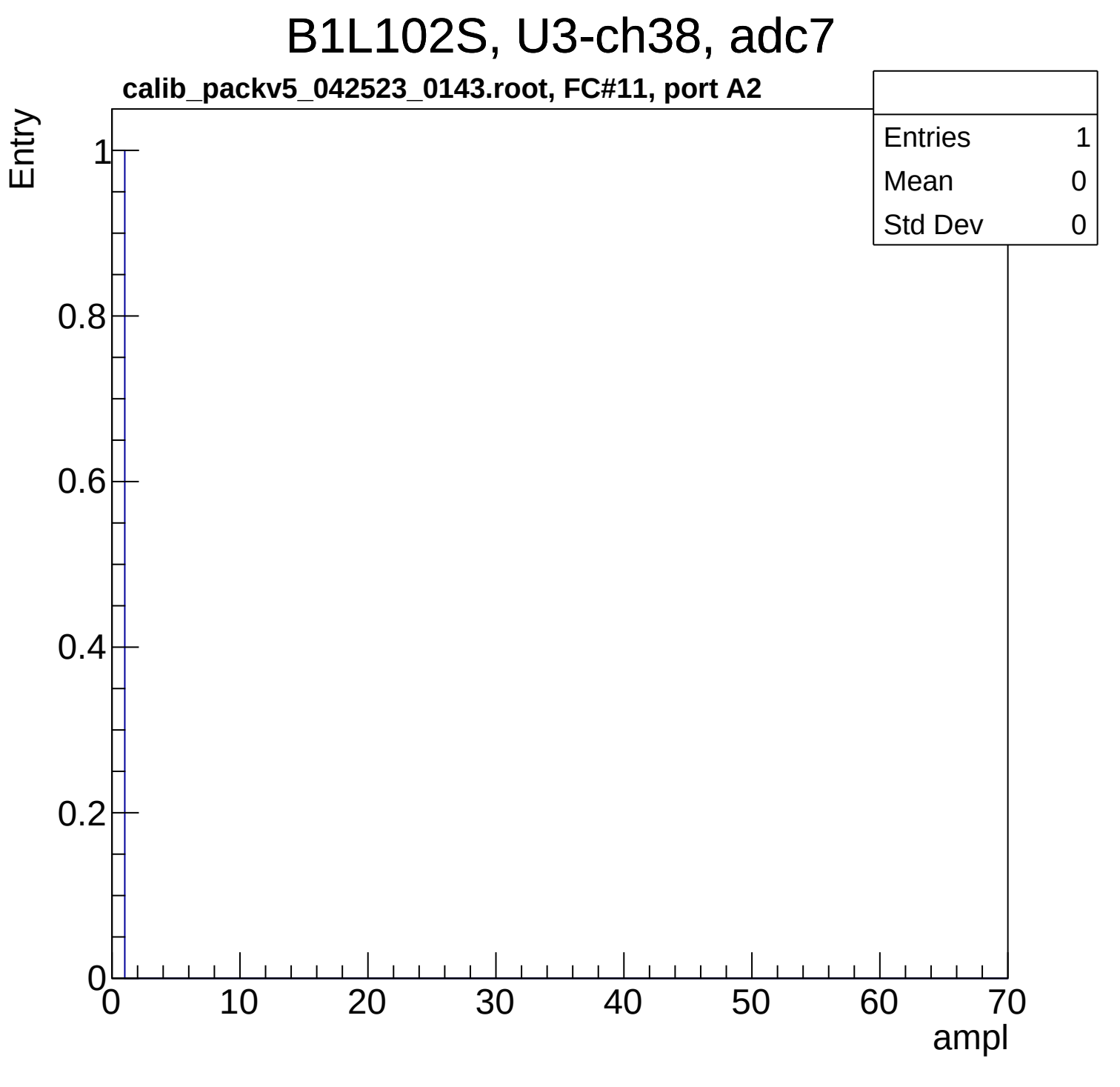
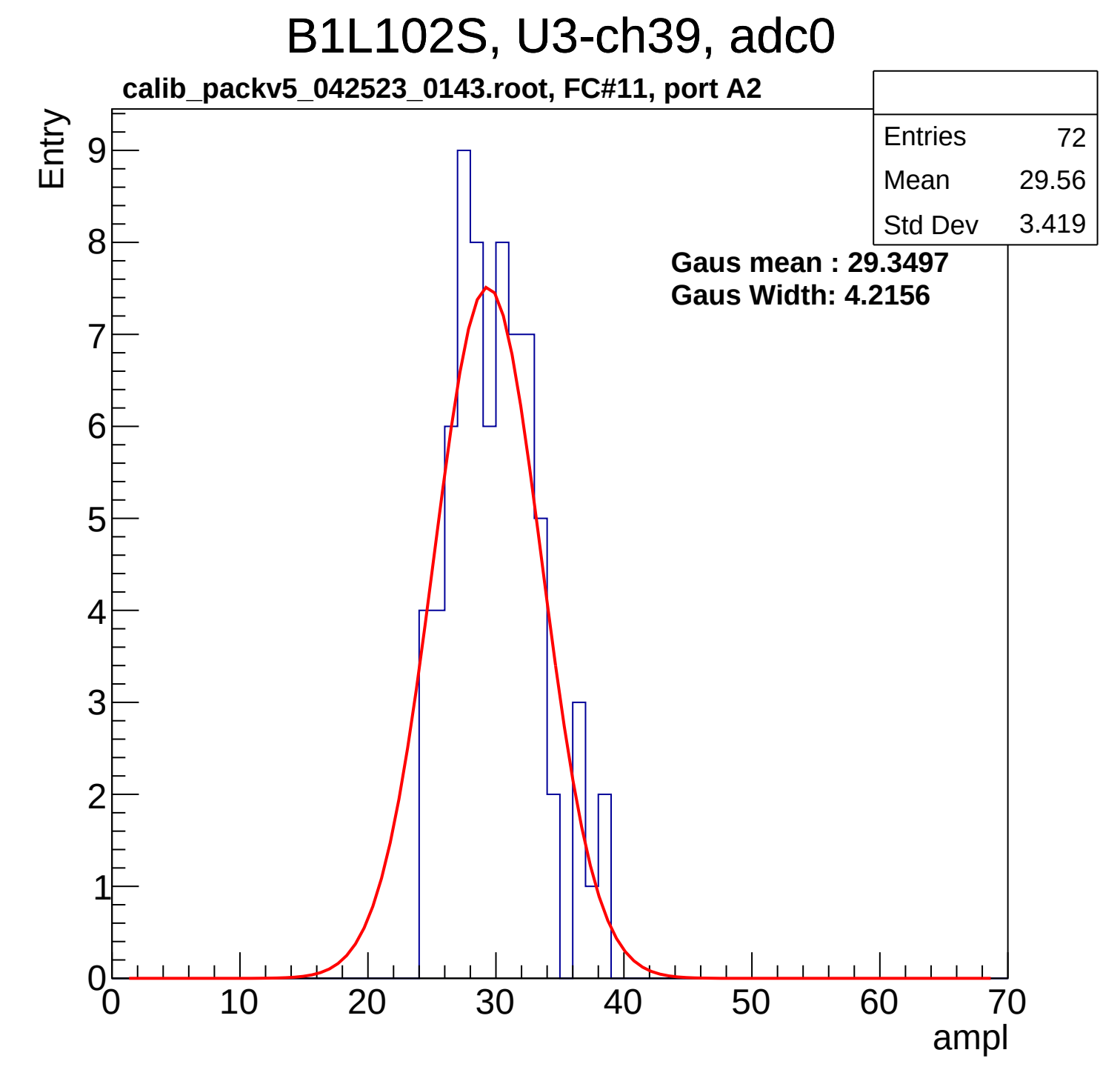

B1L102S, U3-ch38, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch39, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 29.56
Std Dev 3.419
Gaus mean : 29.3497
Gaus Width: 4.2156
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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30
40
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60
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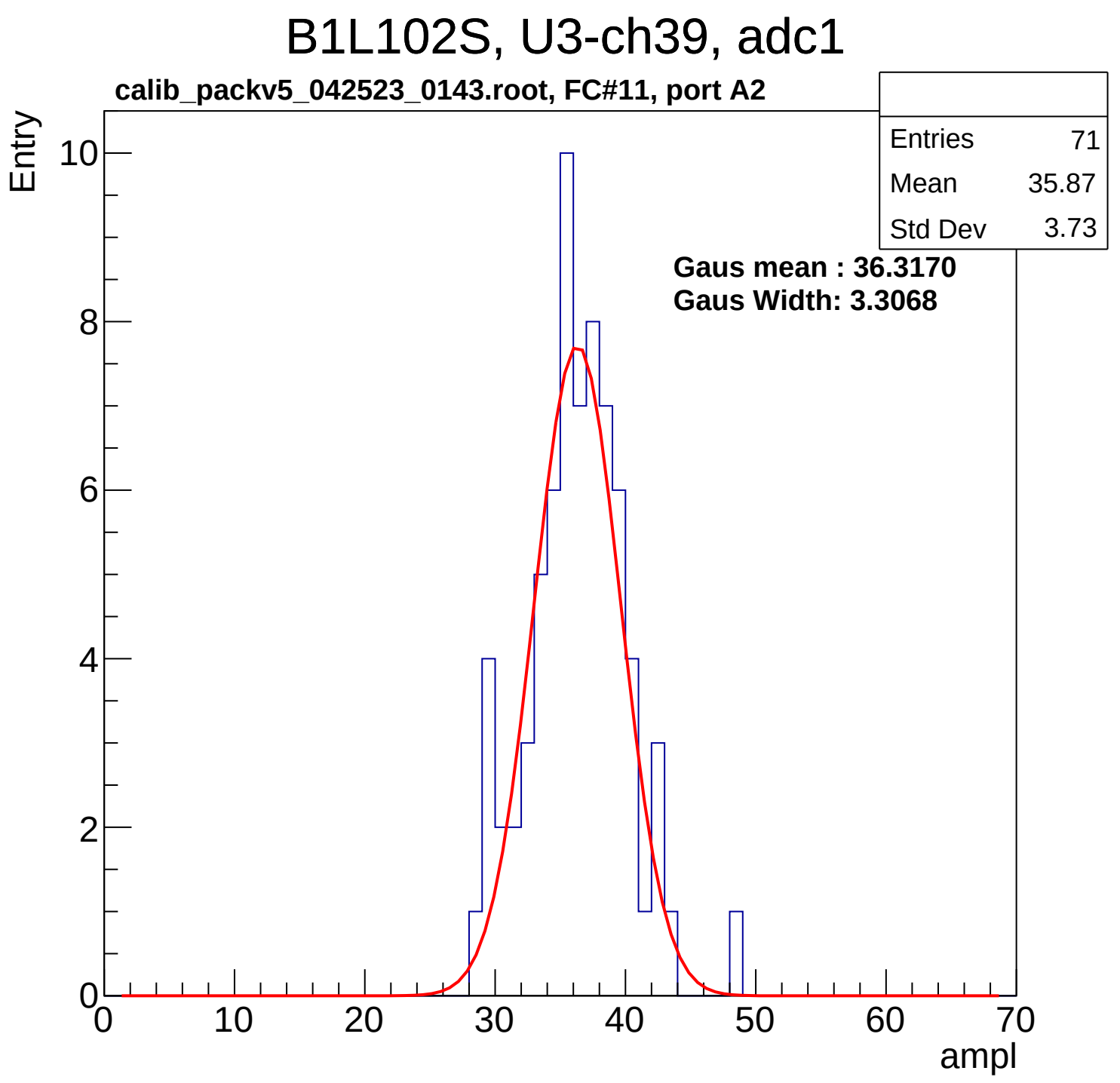
B1L102S, U3-ch39, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 35.87
Std Dev 3.73
Gaus mean : 36.3170
Gaus Width: 3.3068
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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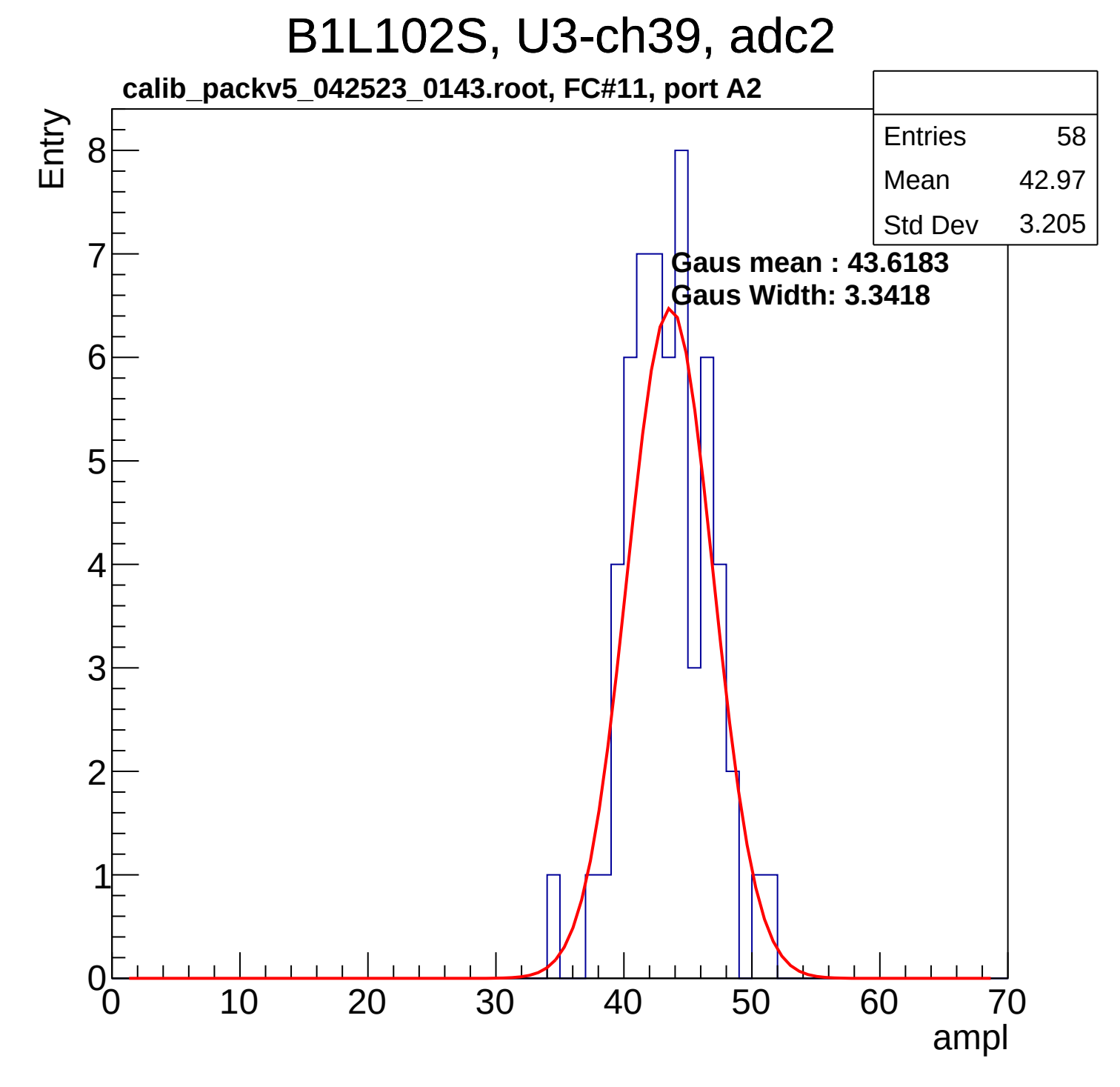
B1L102S, U3-ch39, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 42.97
Std Dev 3.205
Gaus mean : 43.6183
Gaus Width: 3.3418
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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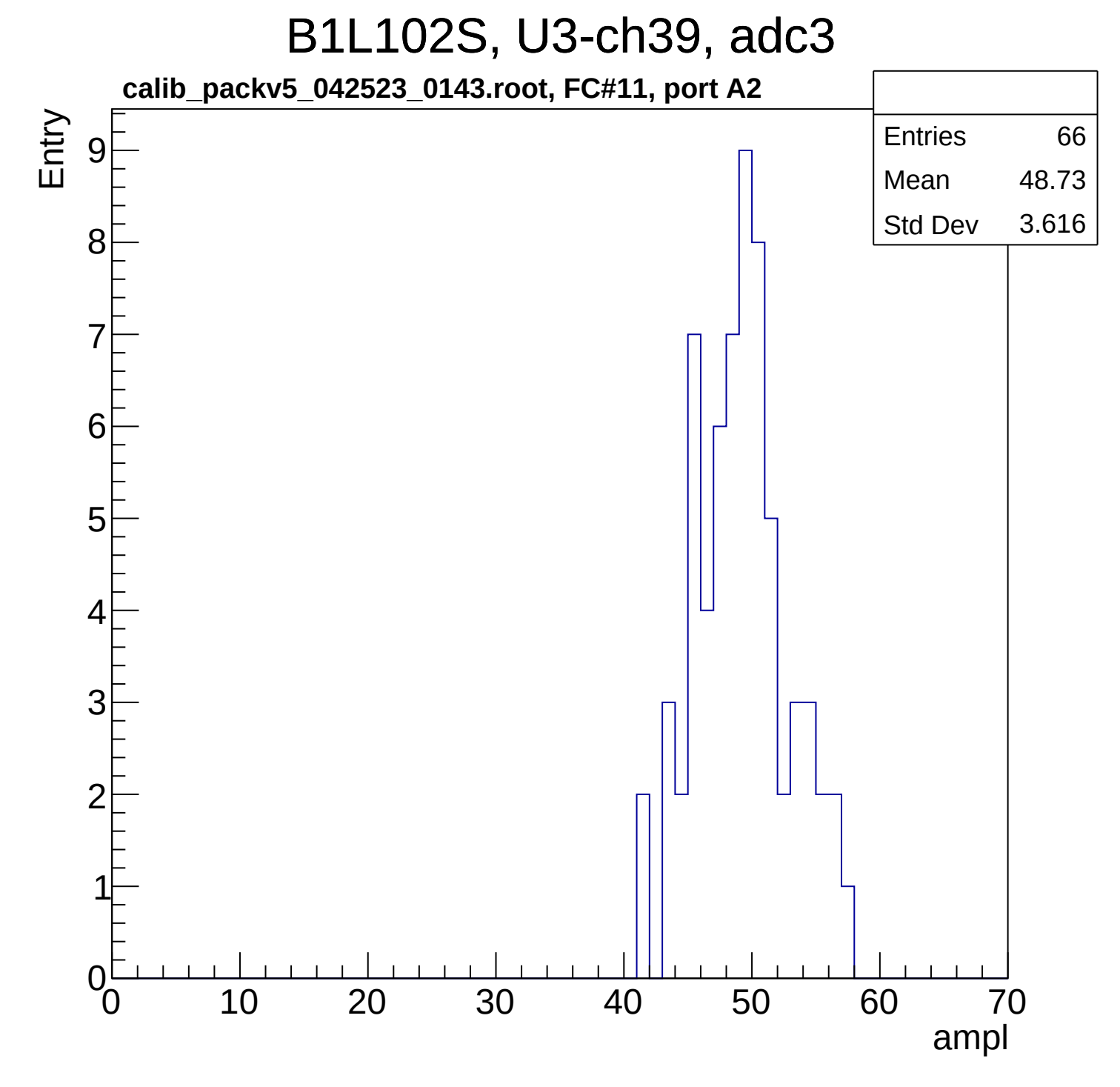
B1L102S, U3-ch39, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 48.73
Std Dev 3.616
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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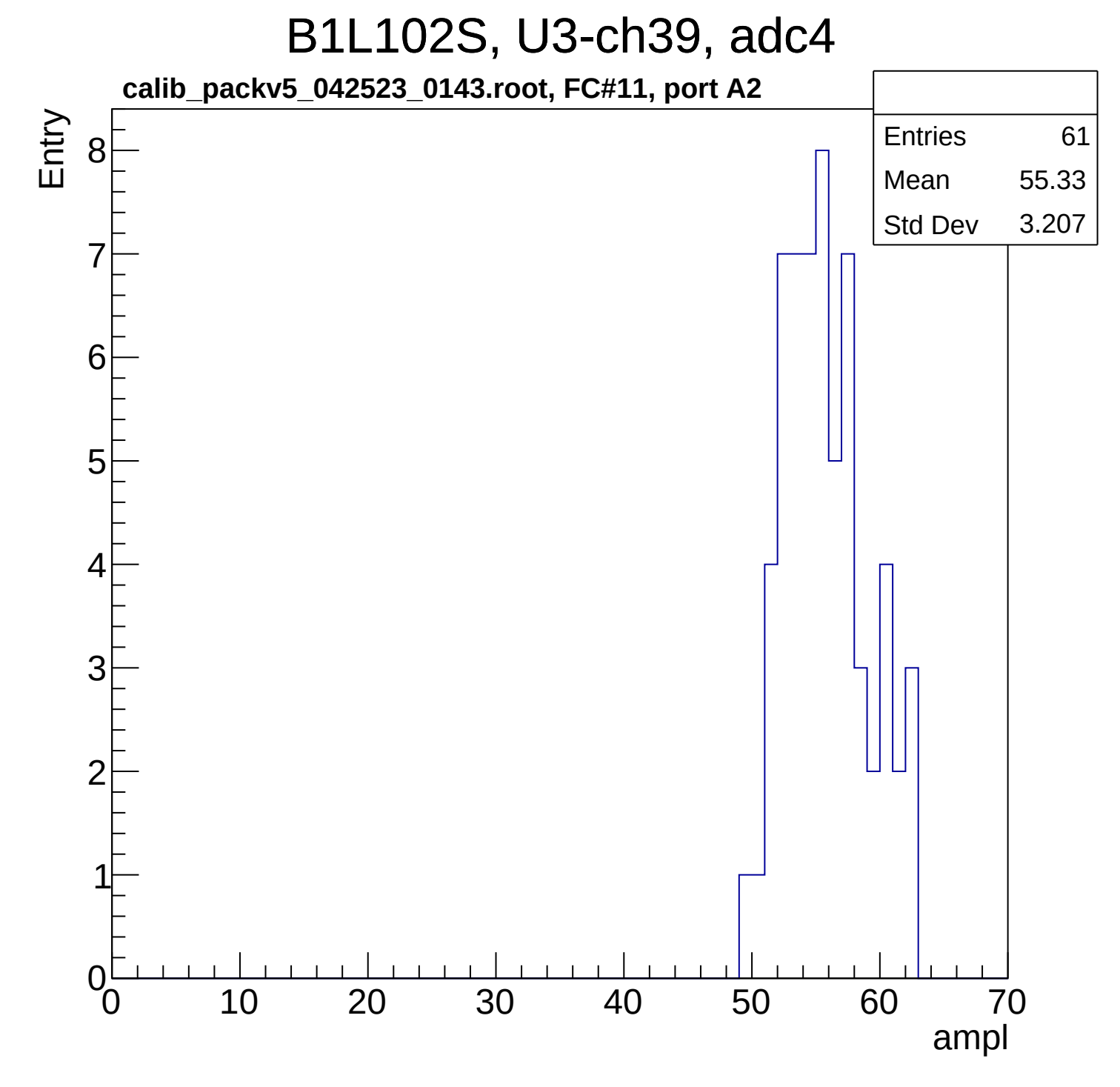
B1L102S, U3-ch39, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 55.33
Std Dev 3.207
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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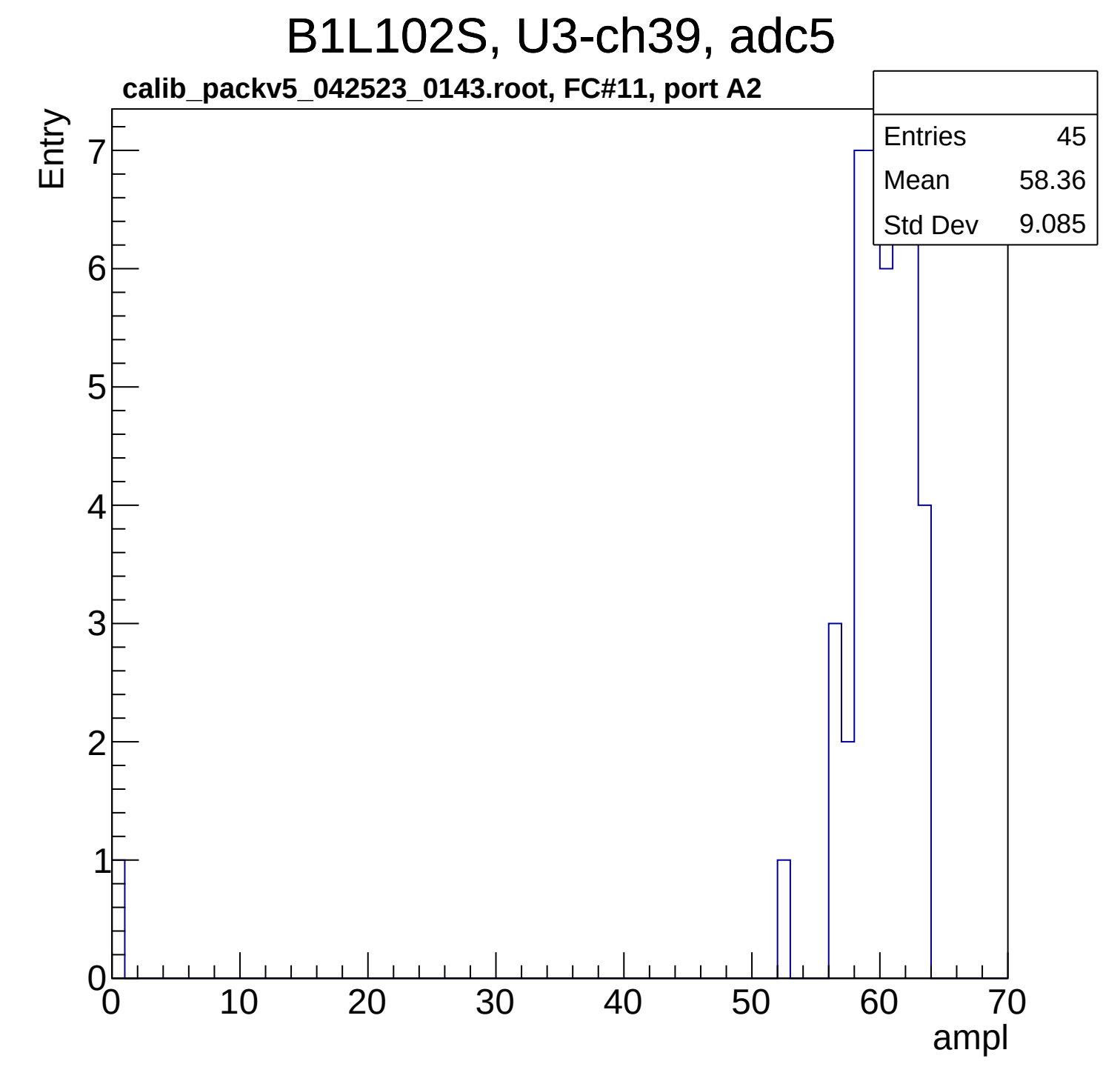
B1L102S, U3-ch39, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 58.36
Std Dev 9.085
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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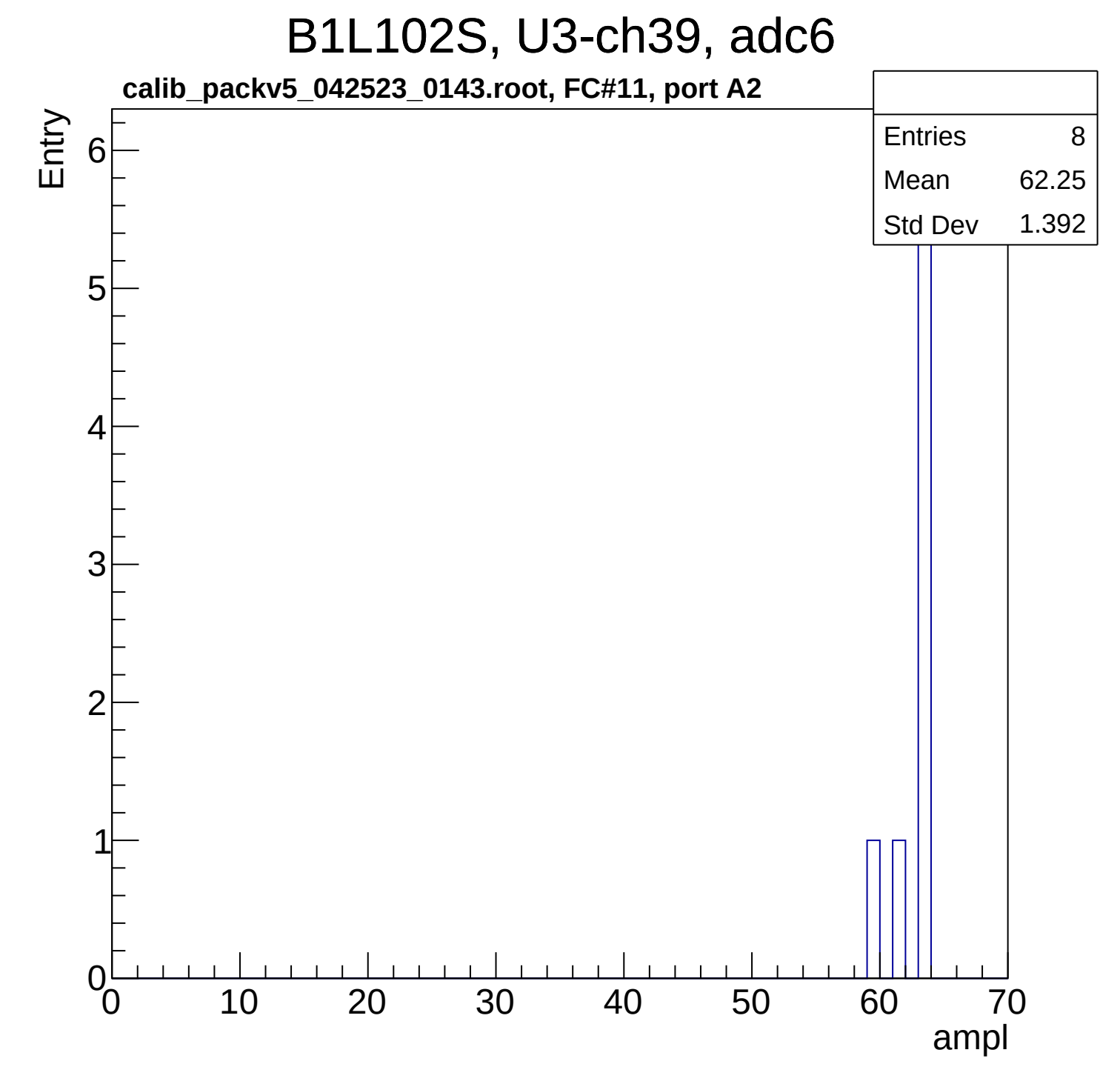
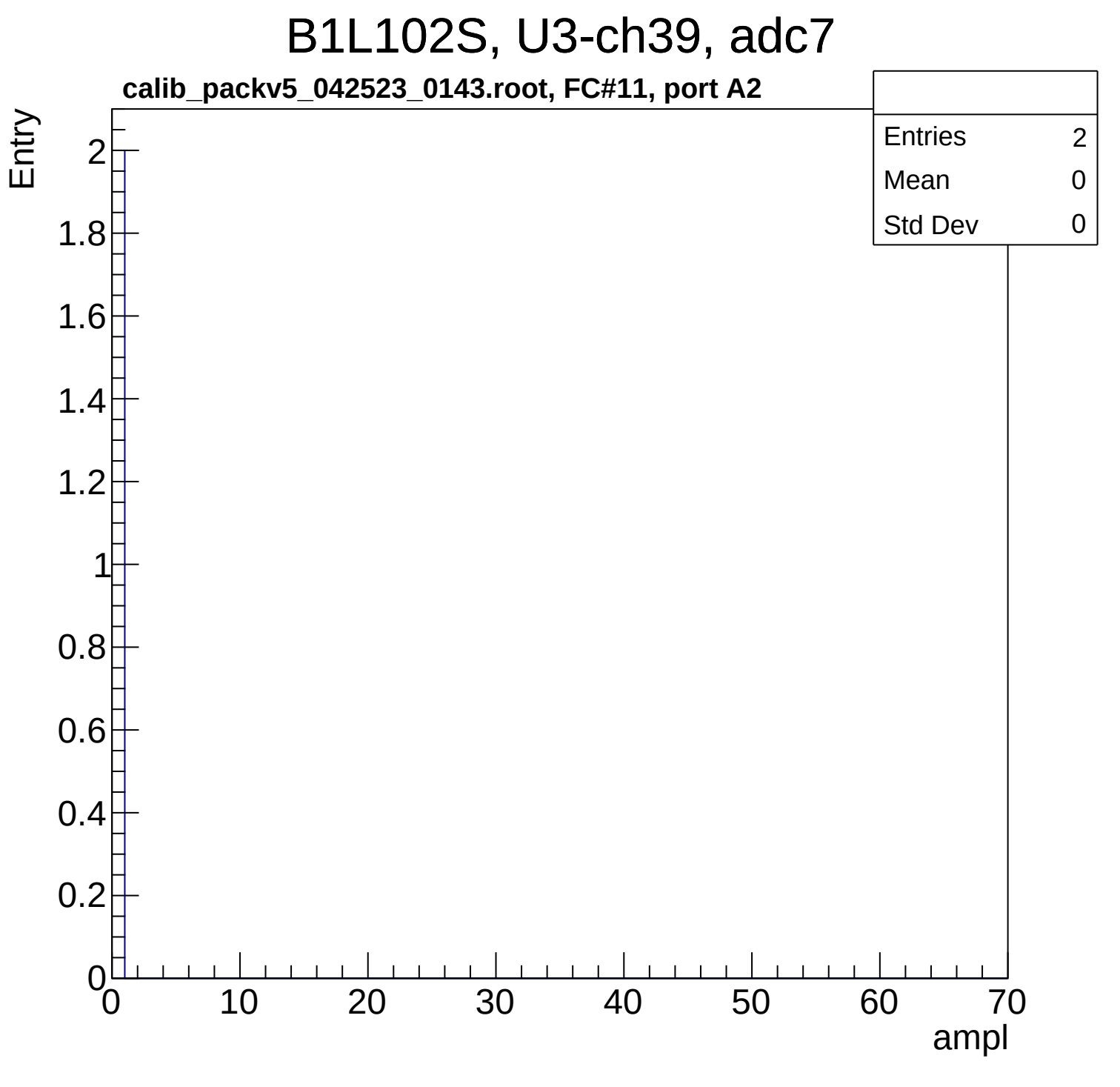
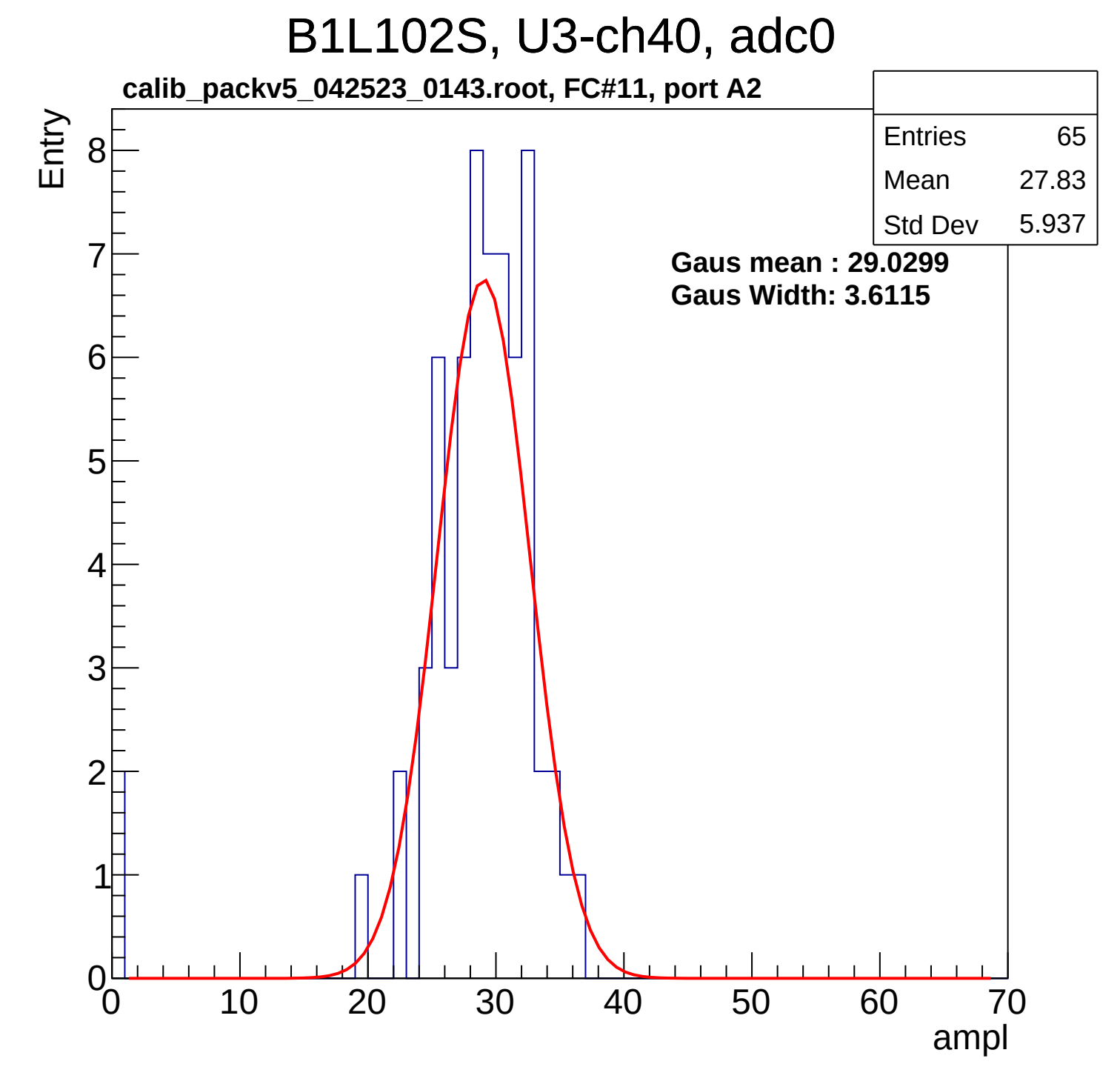

B1L102S, U3-ch39, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 62.25
Std Dev 1.392
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-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, U3-ch40, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 27.83
Std Dev 5.937
Gaus mean : 29.0299
Gaus Width: 3.6115
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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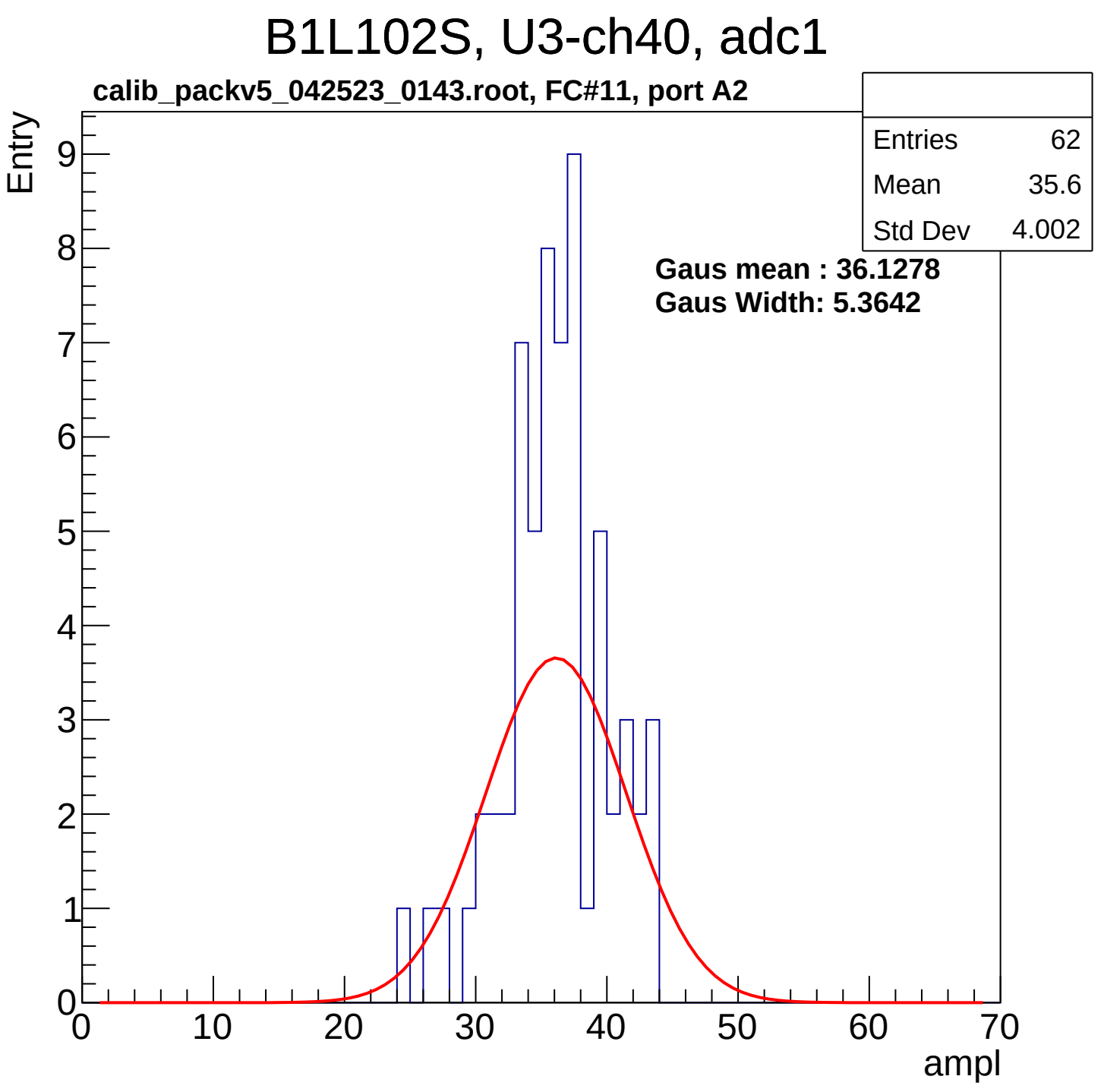
B1L102S, U3-ch40, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 35.6
Std Dev 4.002
Gaus mean : 36.1278
Gaus Width: 5.3642
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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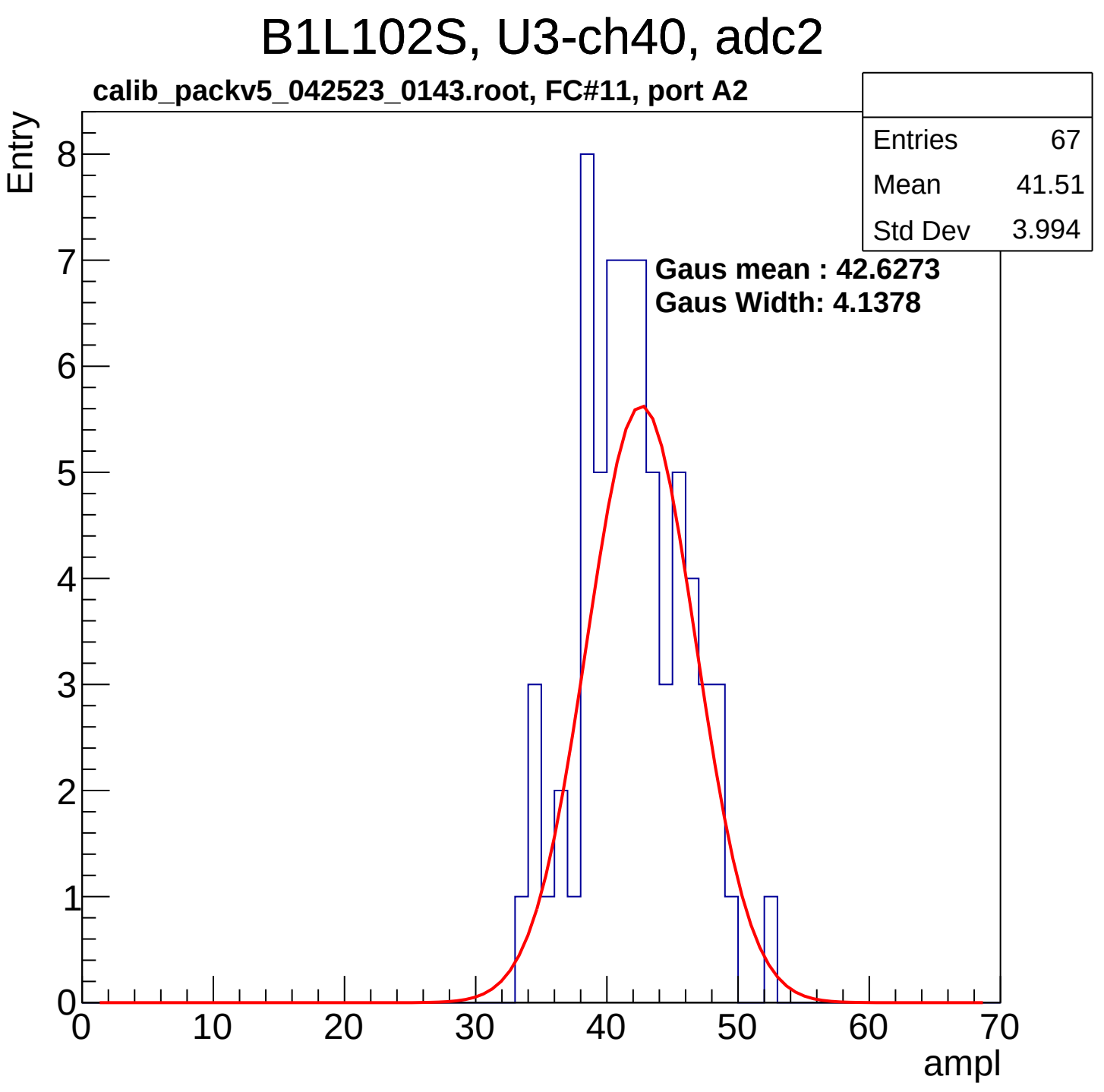
B1L102S, U3-ch40, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 41.51
Std Dev 3.994
Gaus mean : 42.6273
Gaus Width: 4.1378
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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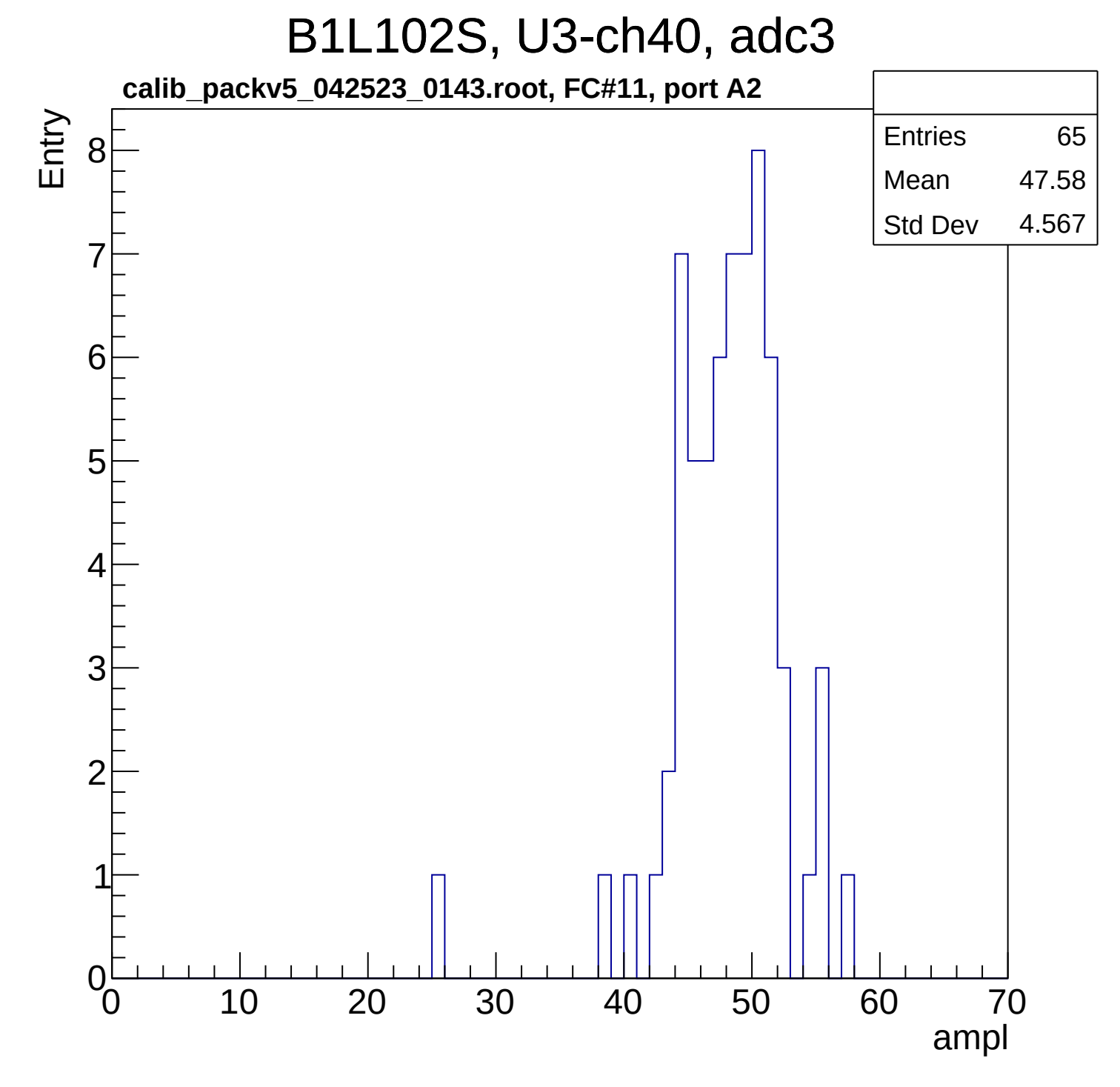
B1L102S, U3-ch40, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 47.58
Std Dev 4.567
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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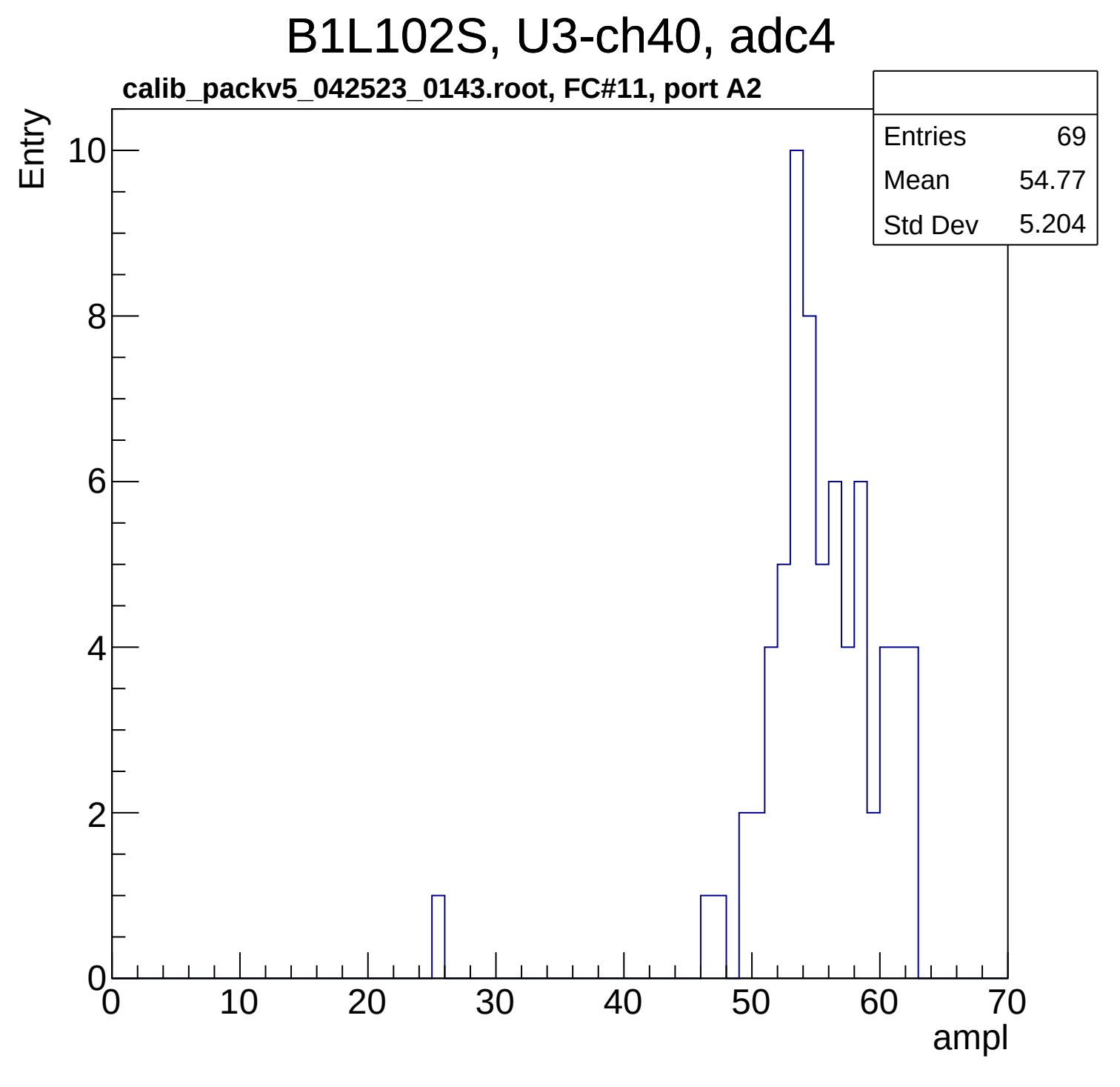
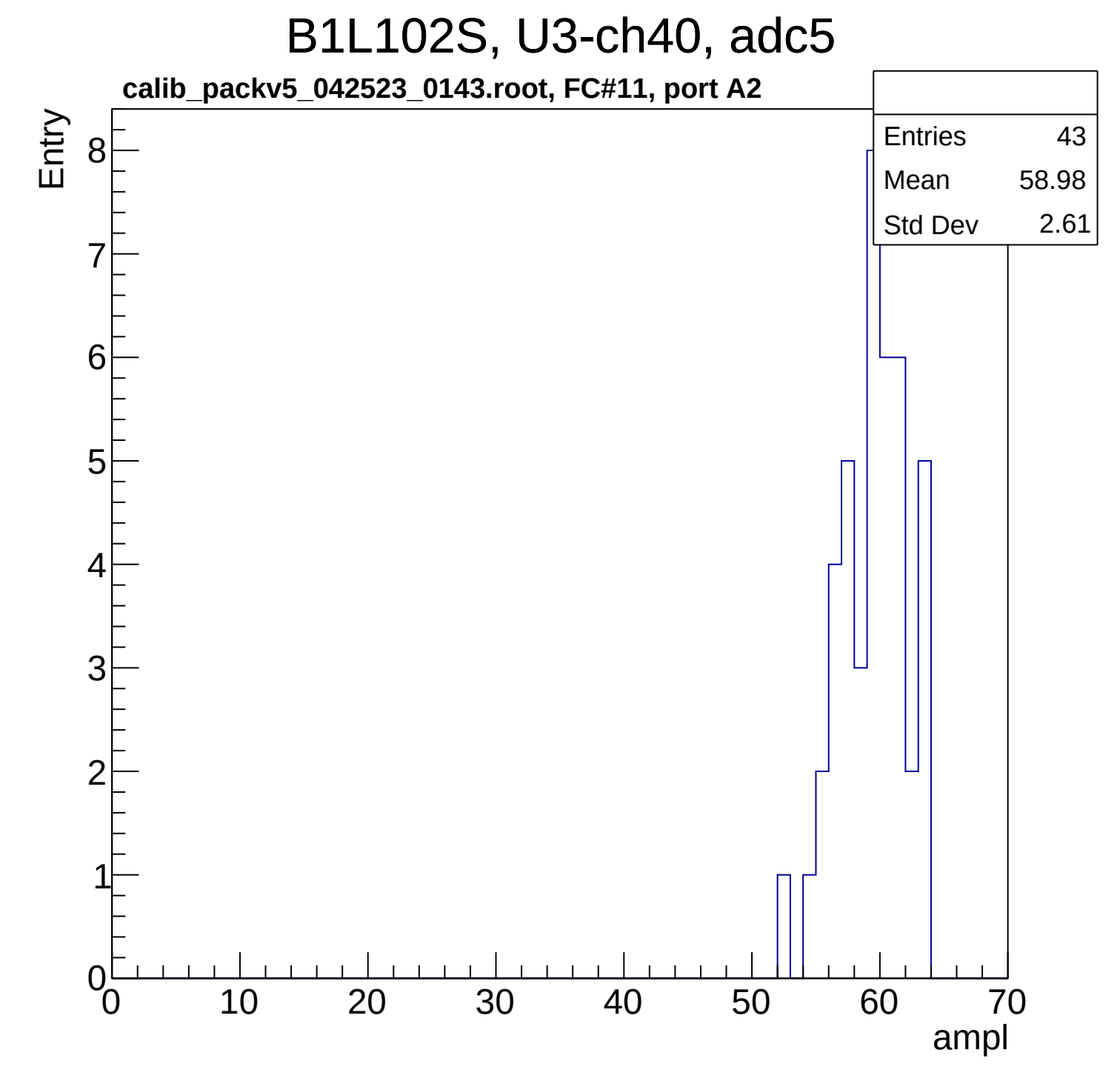

B1L102S, U3-ch40, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 54.77
Std Dev 5.204
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch40, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 58.98
Std Dev 2.61
Entry
ampl
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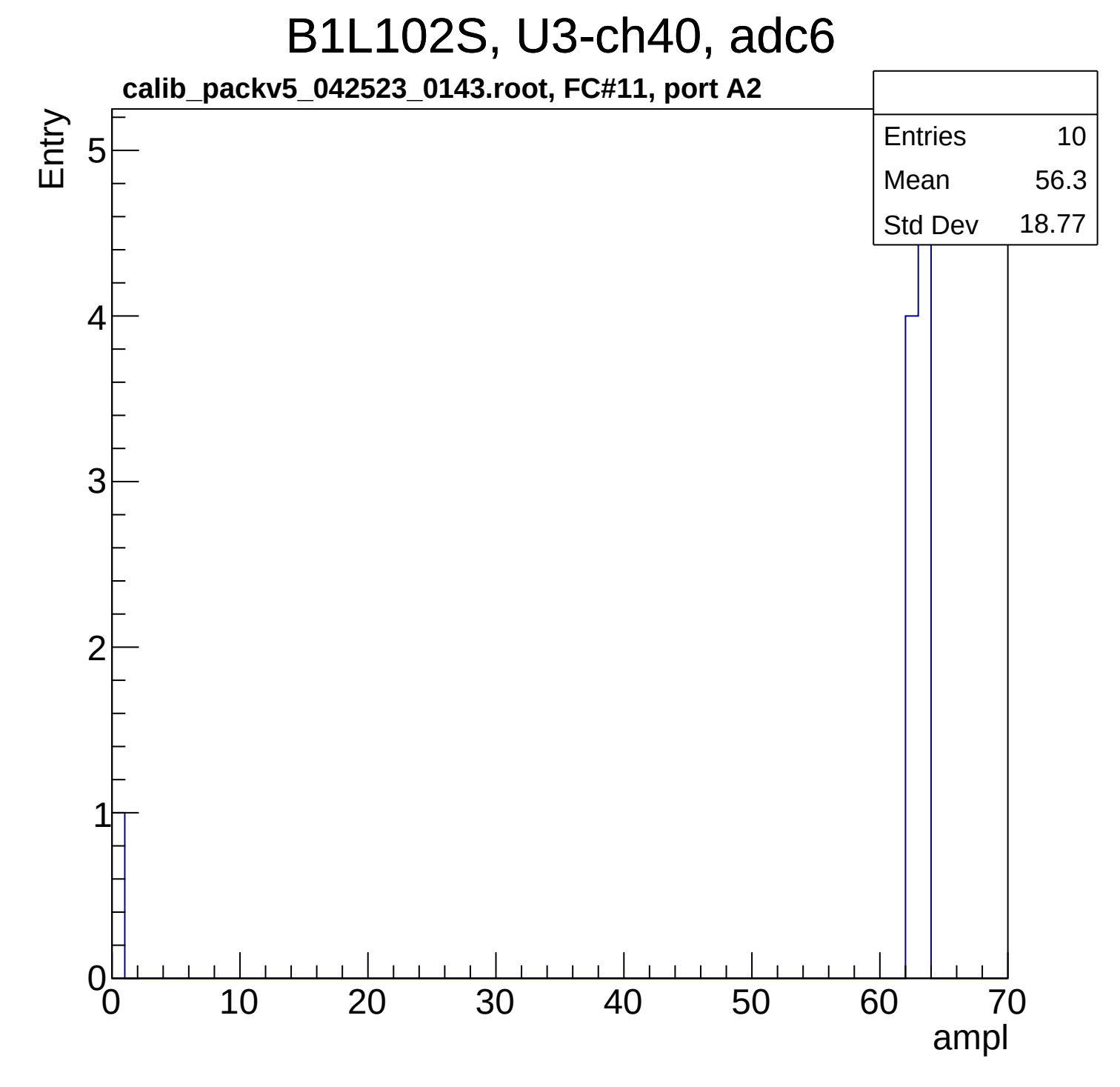
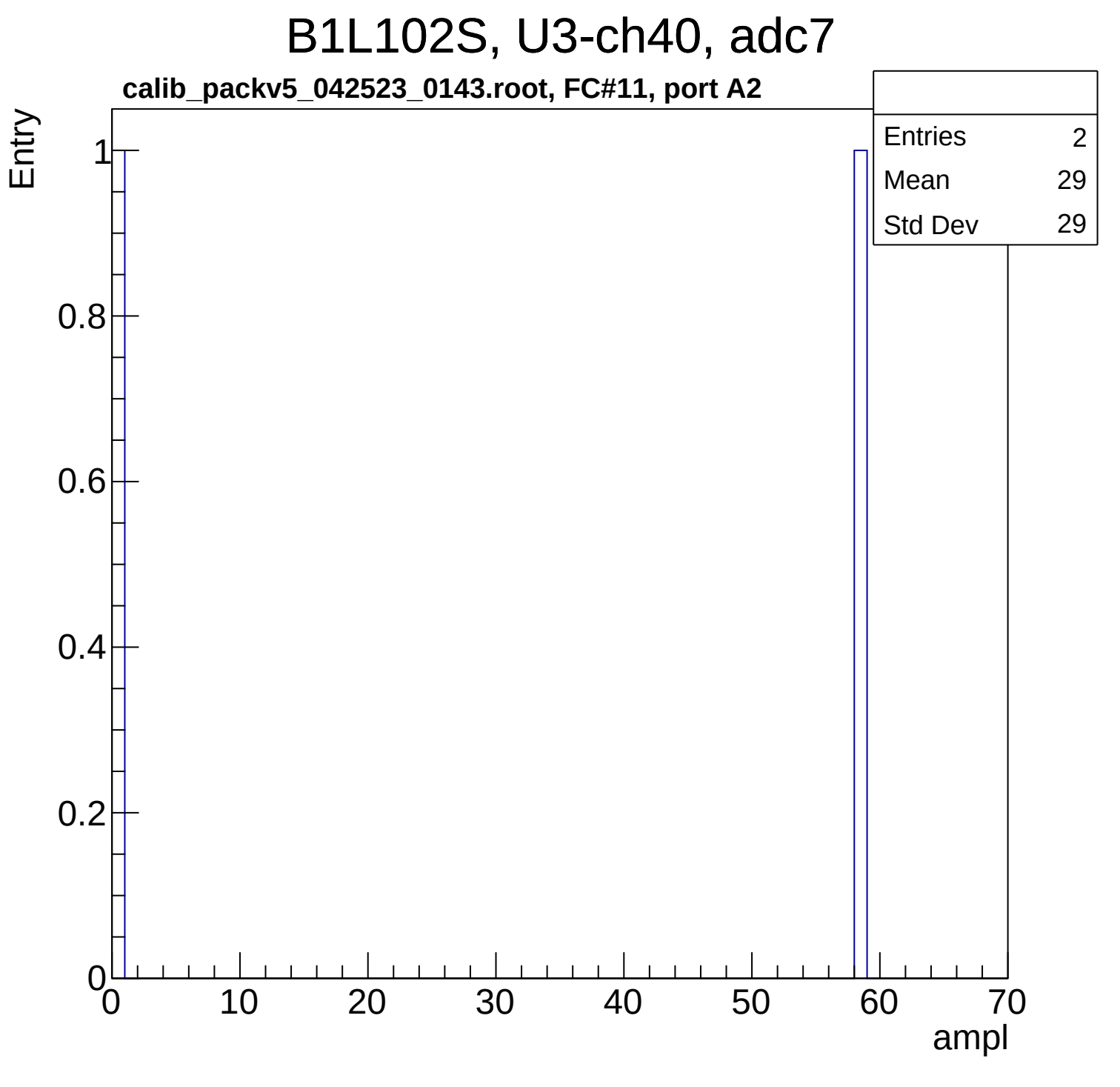
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch40, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 56.3
Std Dev 18.77
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch40, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 29
Std Dev 29
Entry
1
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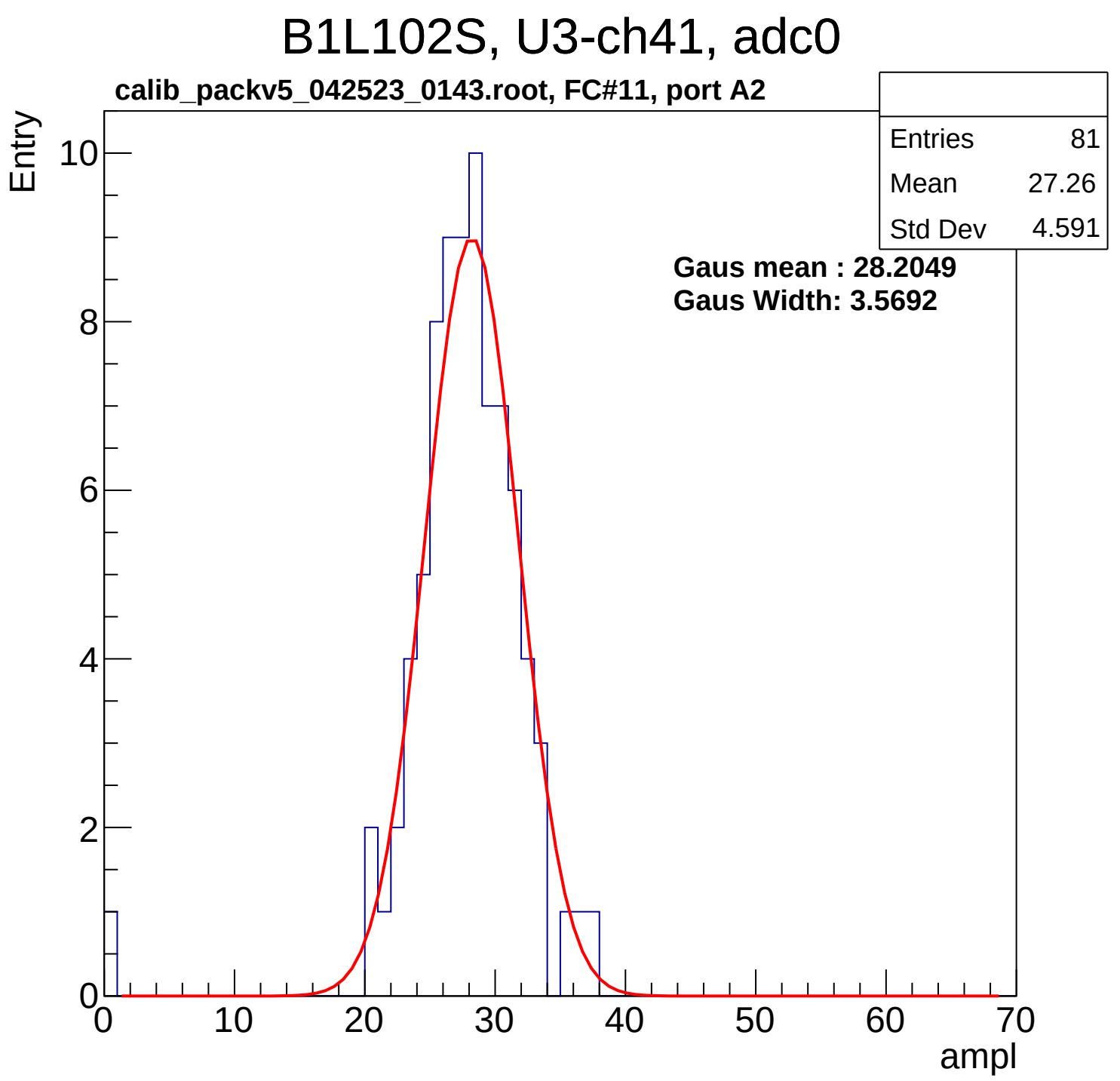
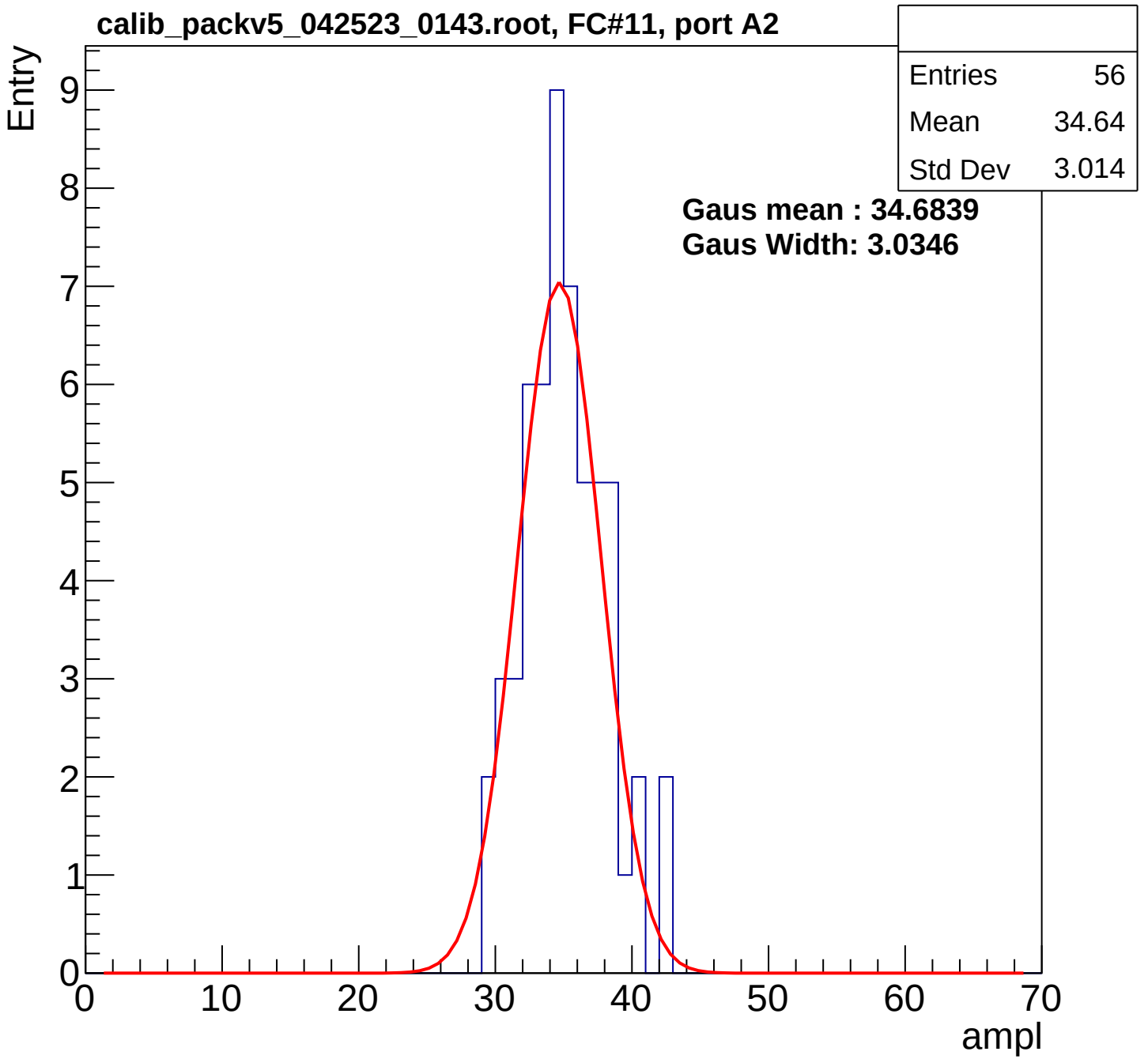
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch41, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 27.26
Std Dev 4.591
Gaus mean : 28.2049
Gaus Width: 3.5692
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch41, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 34.64
Std Dev 3.014
Gaus mean : 34.6839
Gaus Width: 3.0346
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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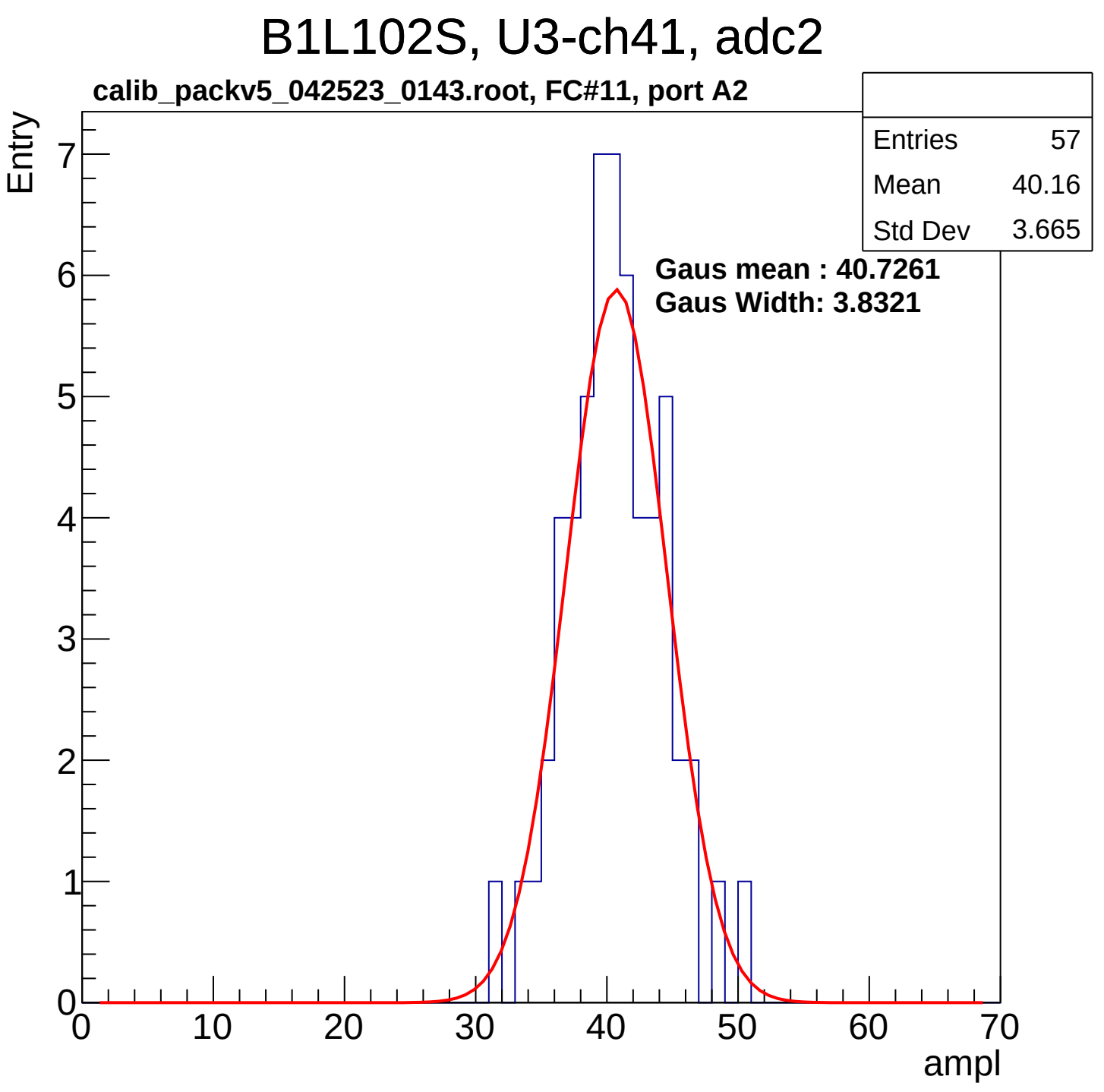
B1L102S, U3-ch41, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 40.16
Std Dev 3.665
Gaus mean : 40.7261
Gaus Width: 3.8321
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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60
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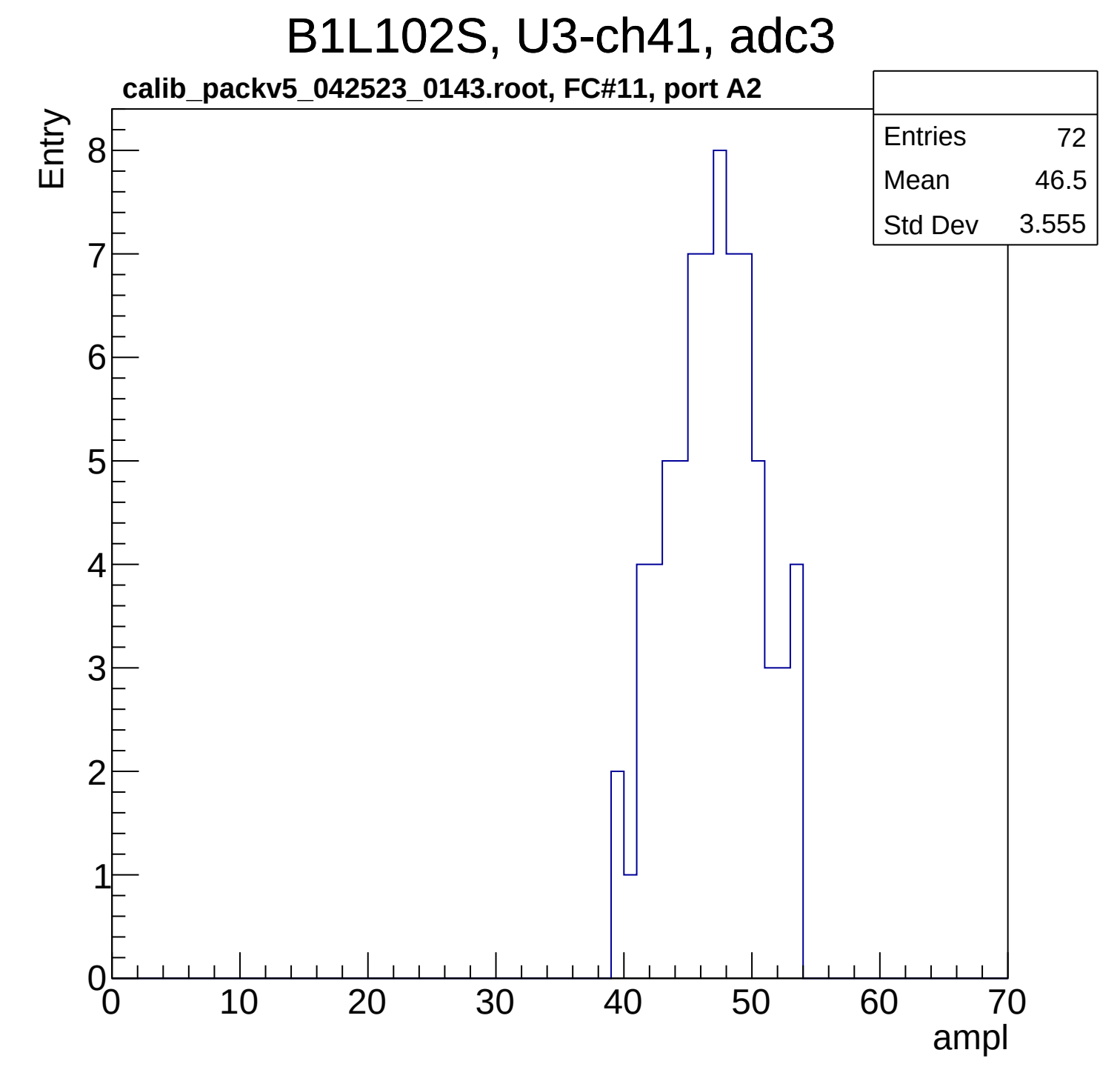
B1L102S, U3-ch41, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 46.5
Std Dev 3.555
Entry
ampl
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3
4
5
6
7
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0
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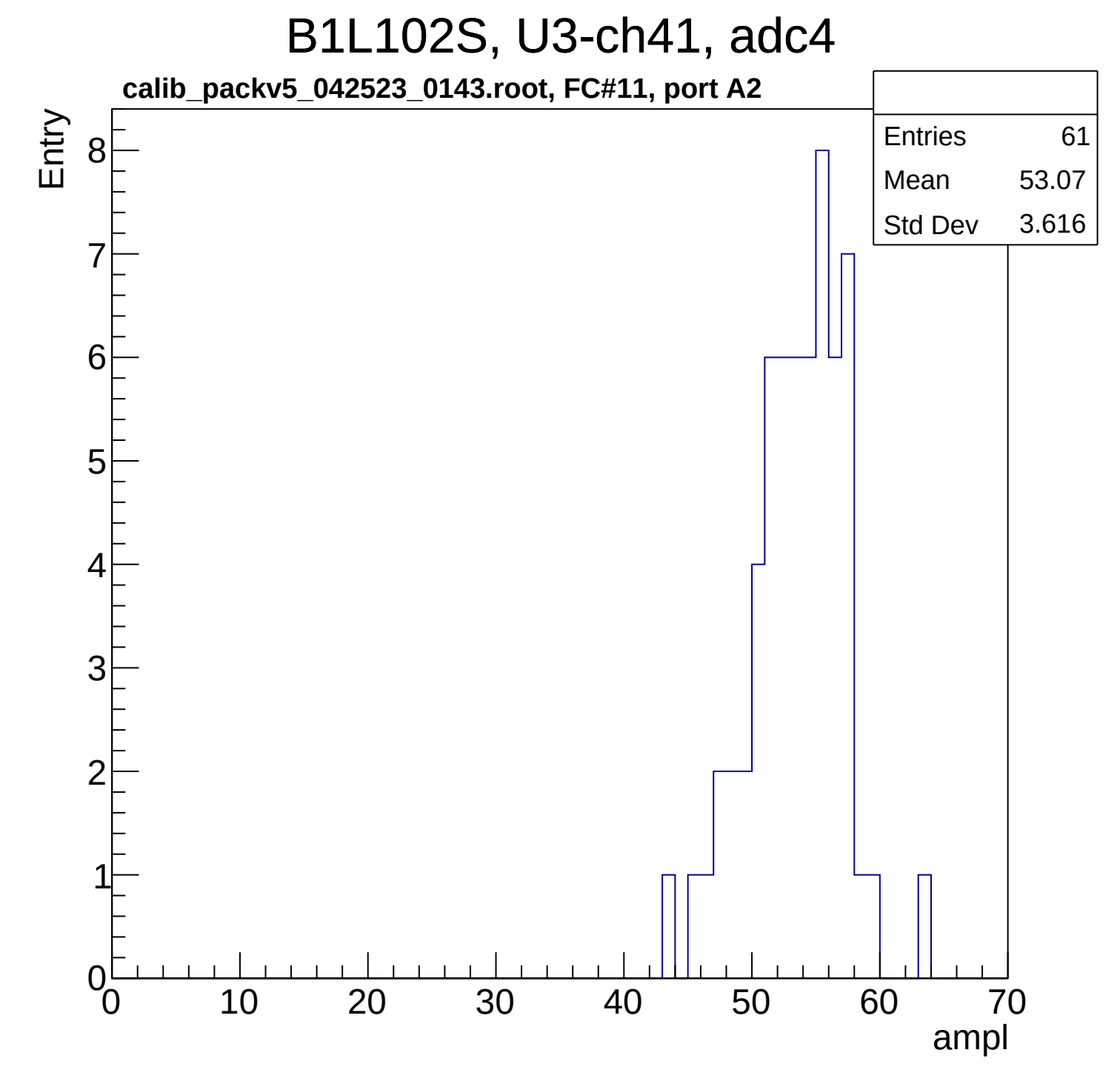
B1L102S, U3-ch41, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 53.07
Std Dev 3.616
Entry
ampl
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3
4
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7
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0
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60
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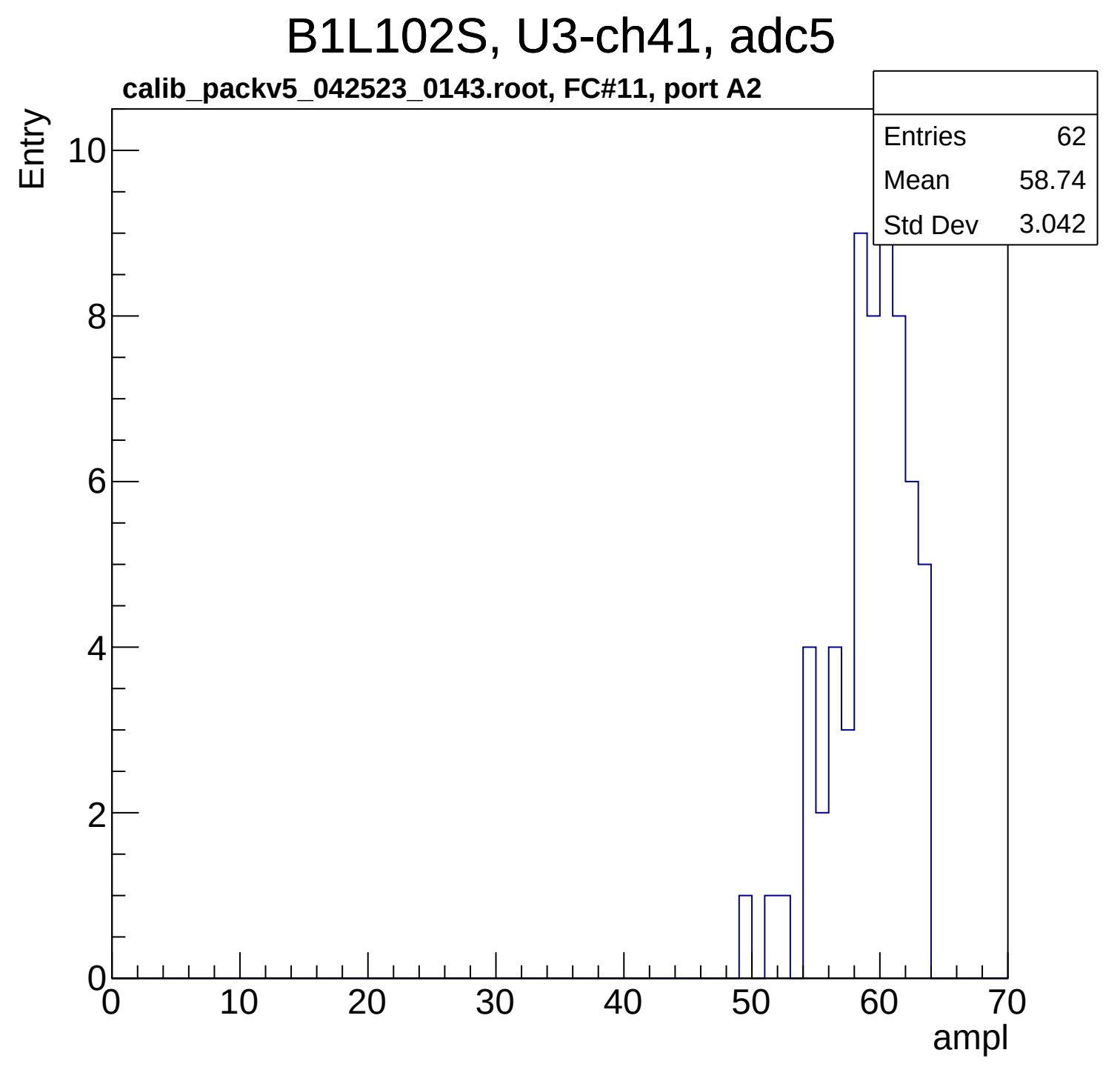
B1L102S, U3-ch41, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 58.74
Std Dev 3.042
Entry
ampl
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4
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10
0
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20
30
40
50
60
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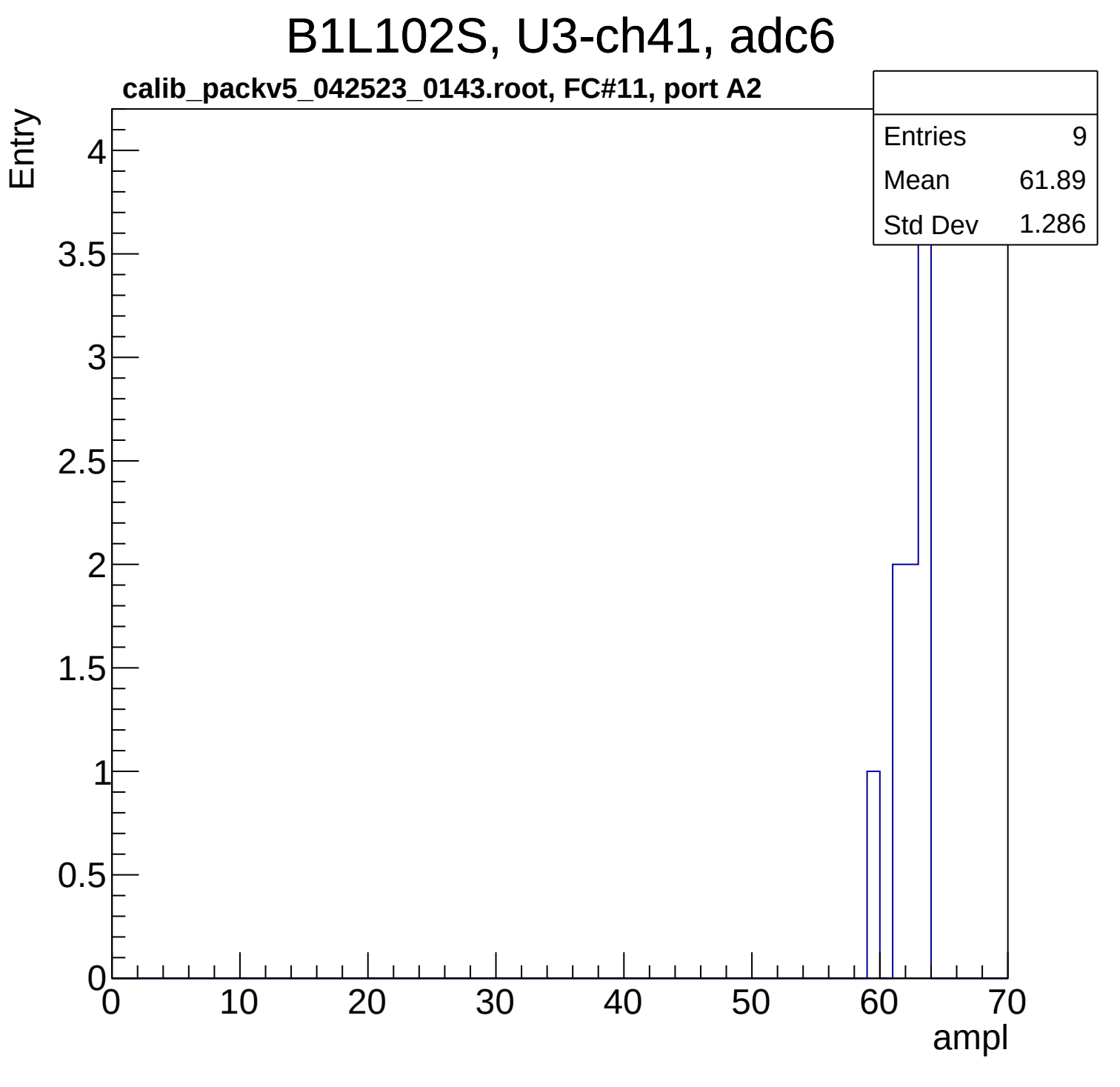
B1L102S, U3-ch41, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.89
Std Dev 1.286
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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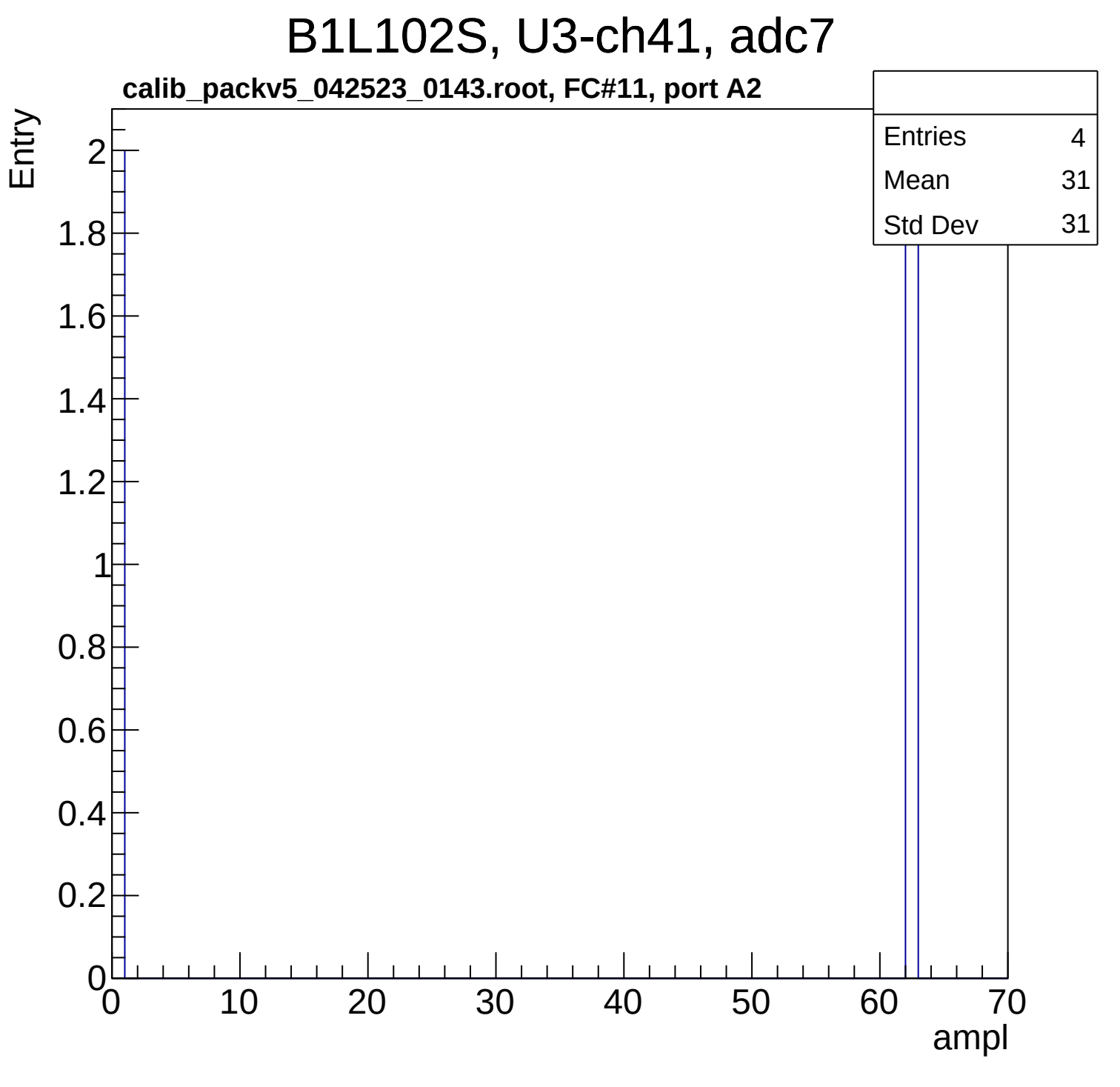
60
70


B1L102S, U3-ch41, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 31
Std Dev 31
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
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40
50
60
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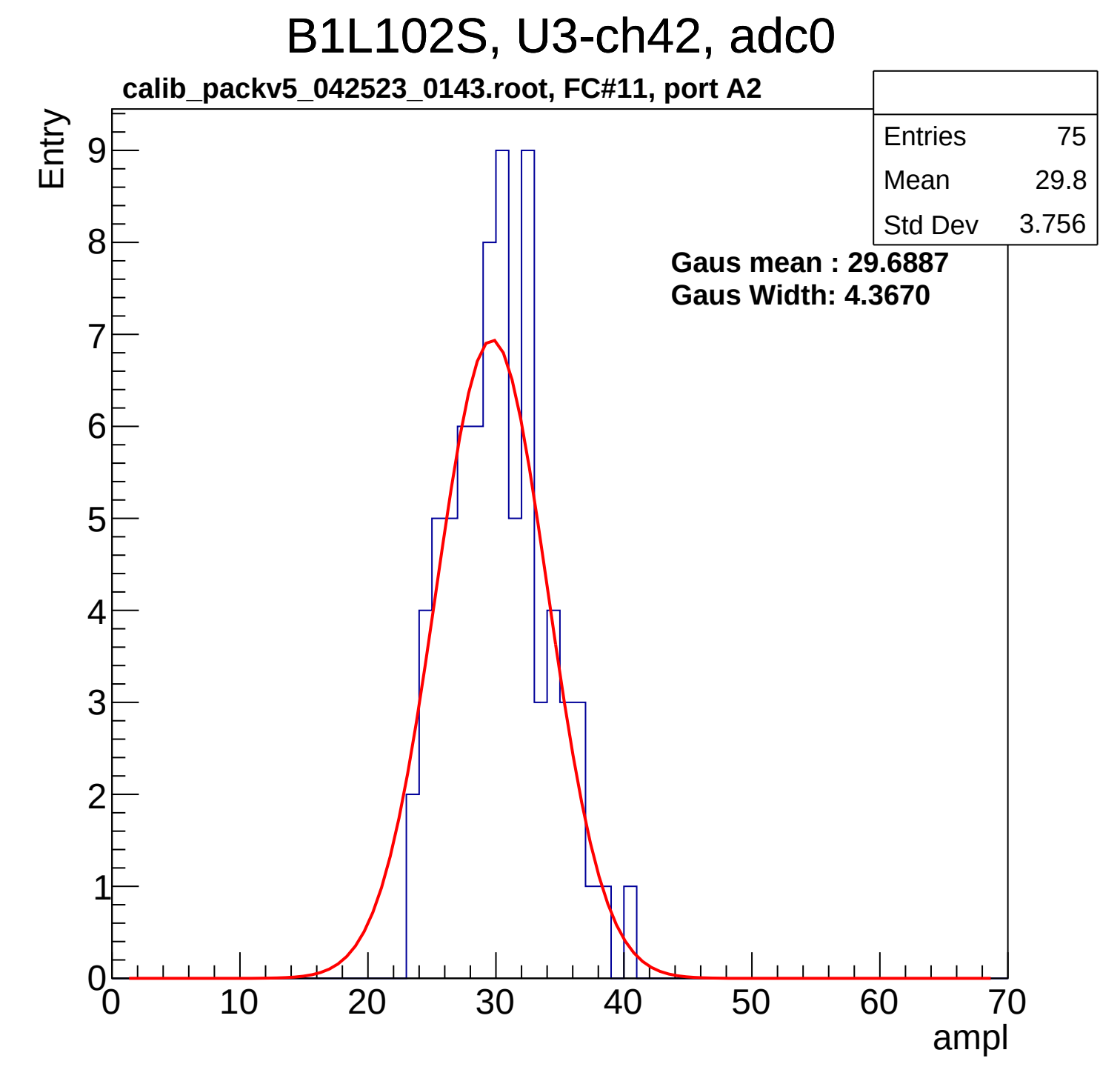
B1L102S, U3-ch42, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 29.8
Std Dev 3.756
Gaus mean : 29.6887
Gaus Width: 4.3670
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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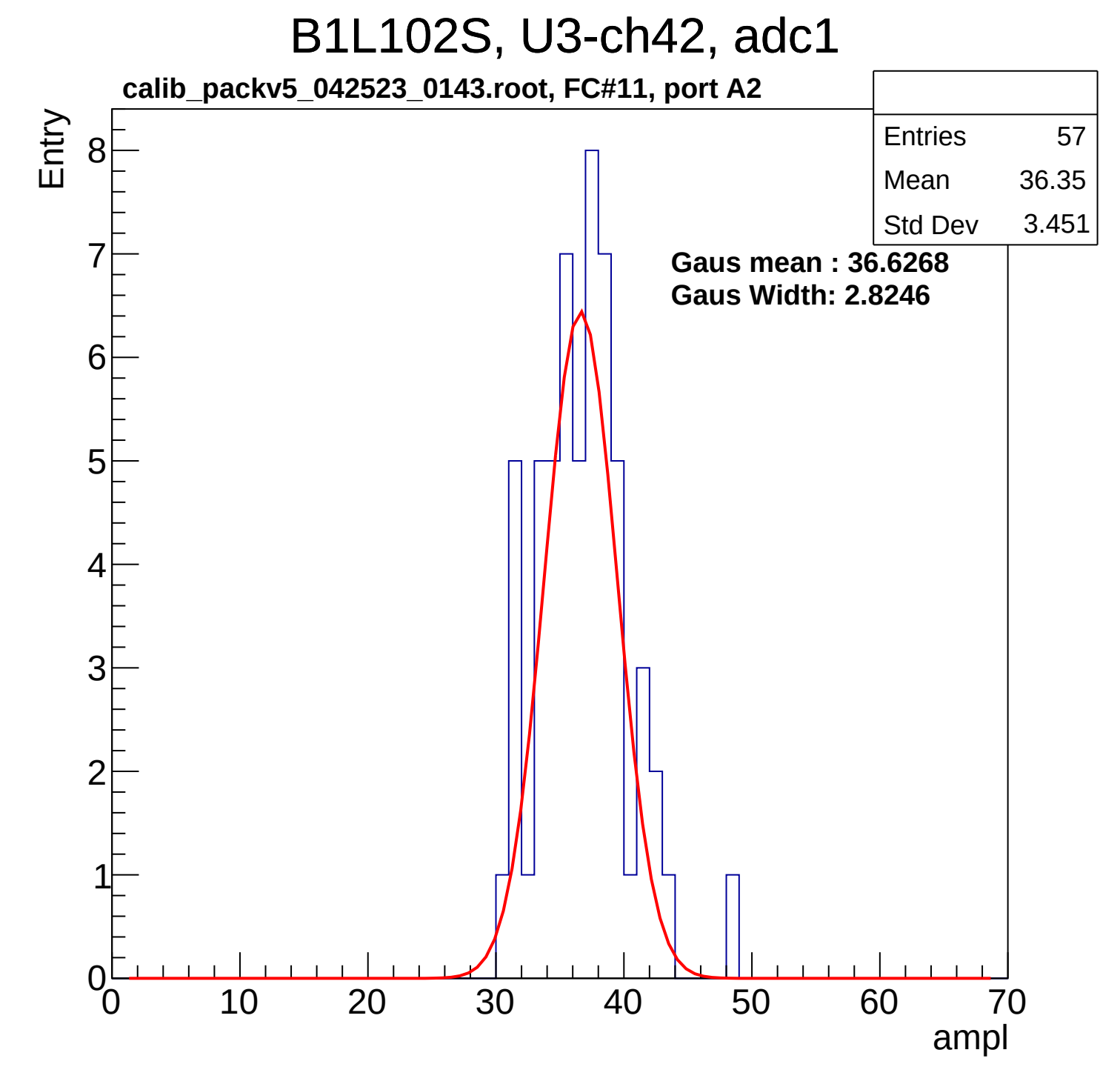
B1L102S, U3-ch42, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 36.35
Std Dev 3.451
Gaus mean : 36.6268
Gaus Width: 2.8246
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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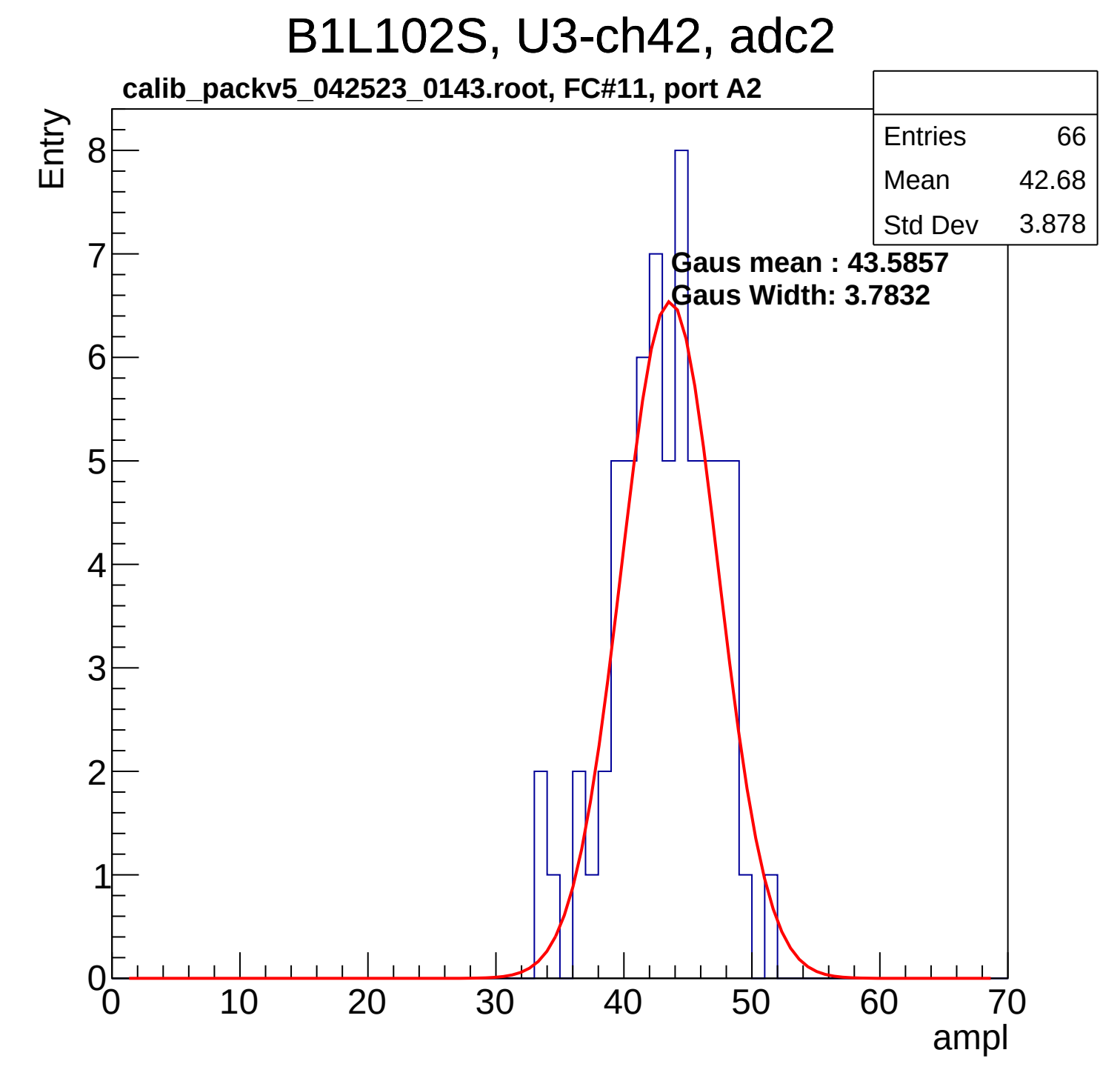
B1L102S, U3-ch42, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 42.68
Std Dev 3.878
Gaus mean : 43.5857
Gaus Width: 3.7832
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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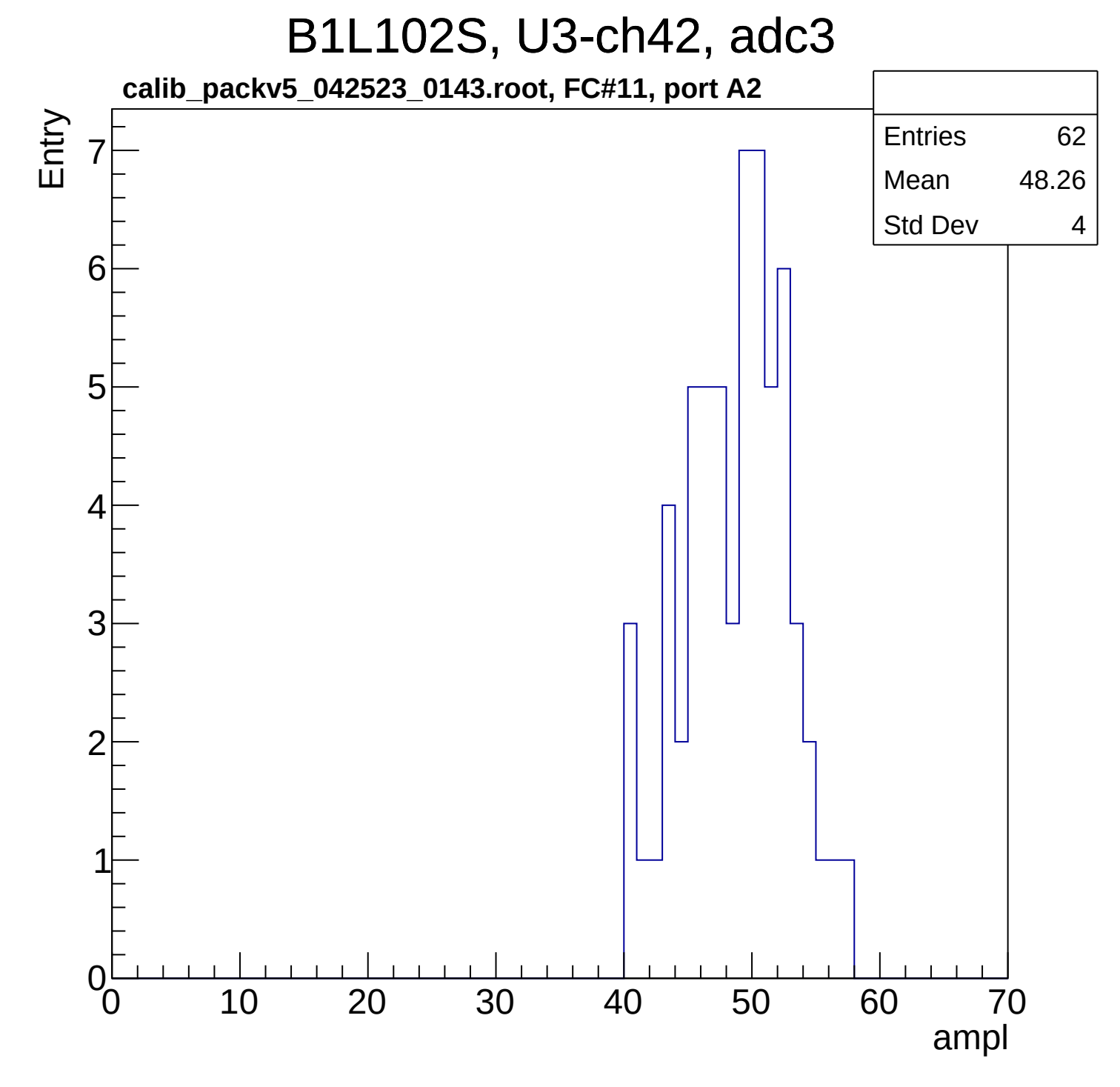
B1L102S, U3-ch42, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 48.26
Std Dev 4
Entry
ampl
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4
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6
7
0
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30
40
50
60
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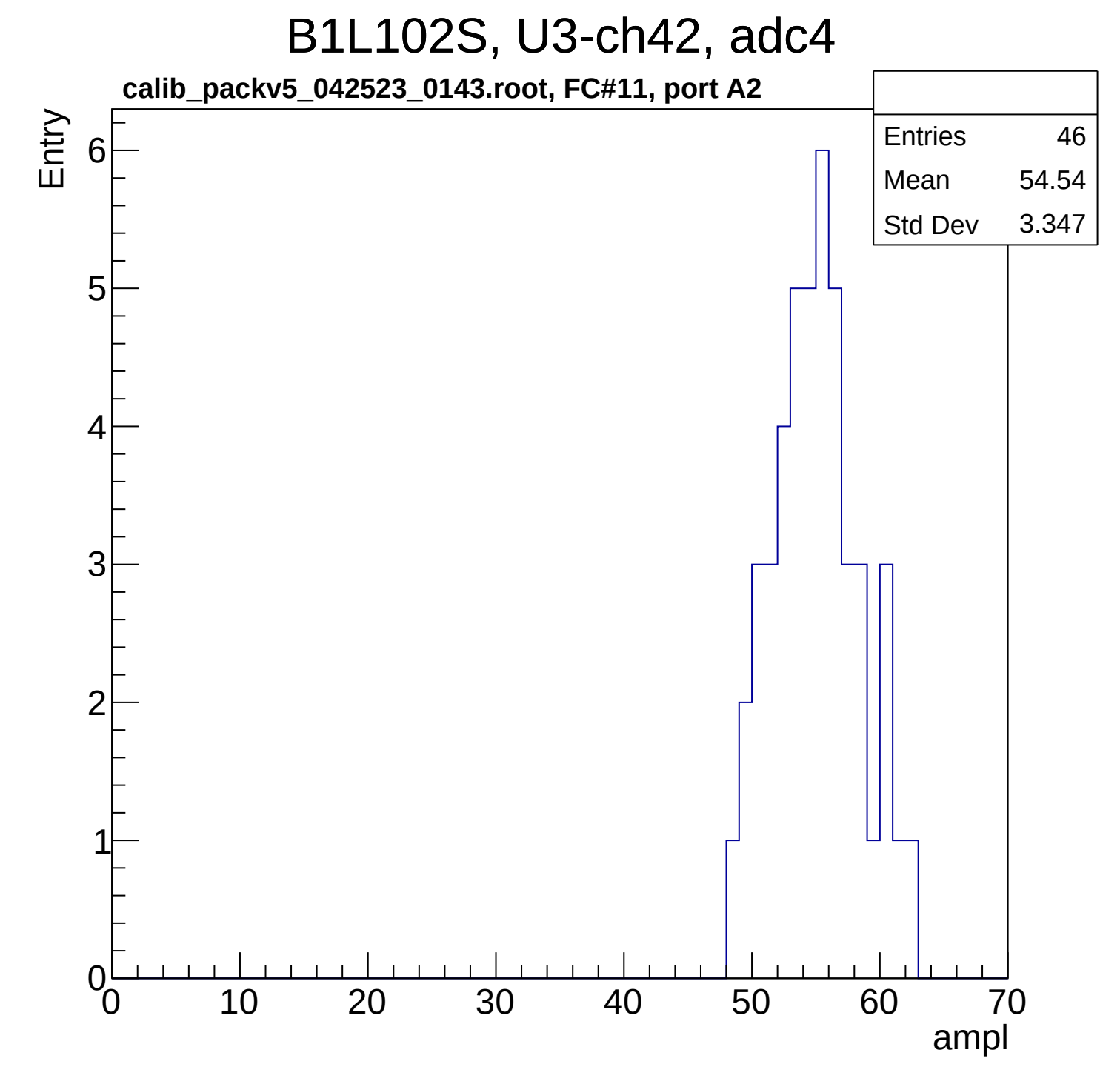
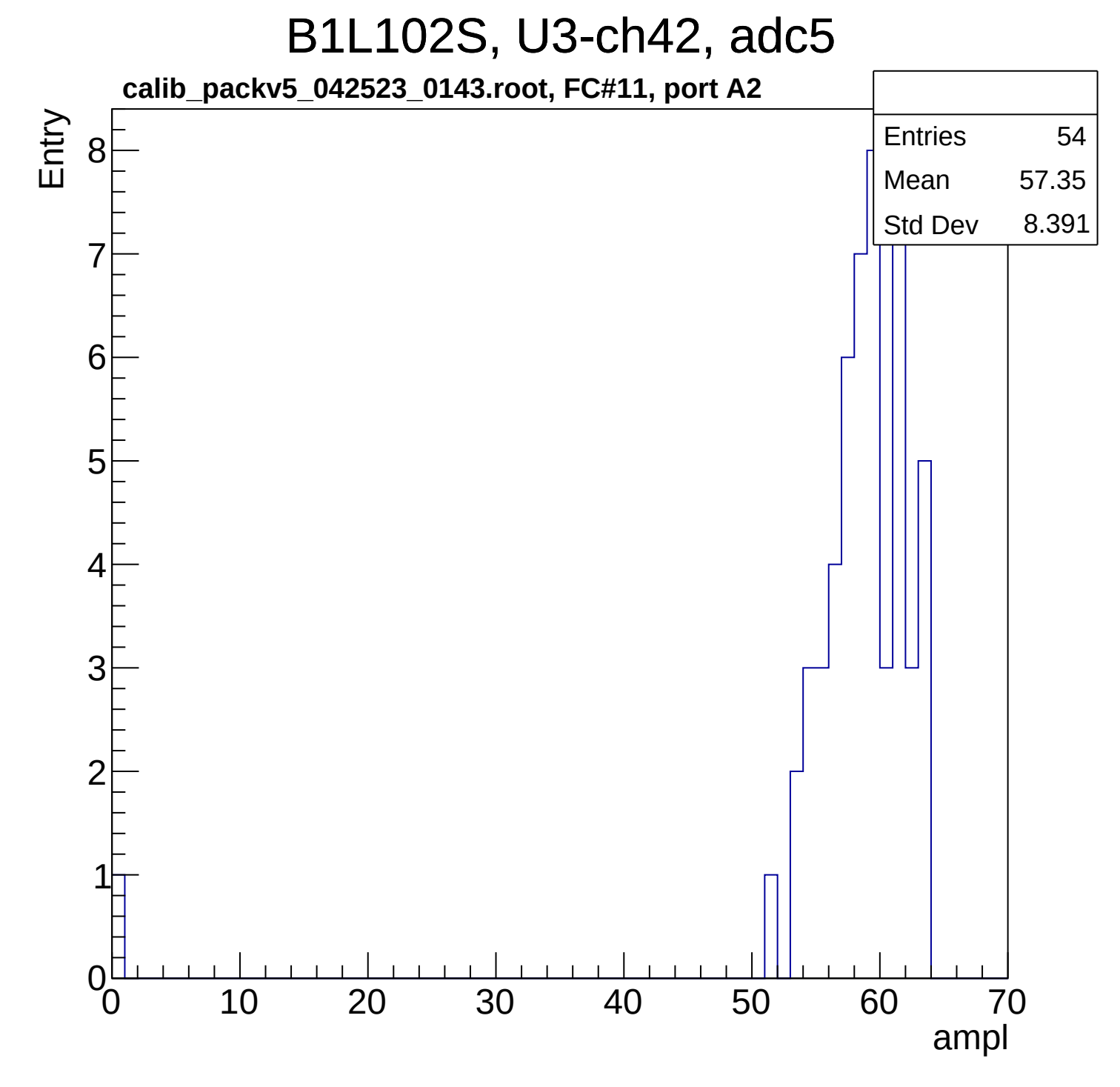

B1L102S, U3-ch42, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 54.54
Std Dev 3.347
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch42, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 57.35
Std Dev 8.391
Entry
ampl
0
1
2
3
4
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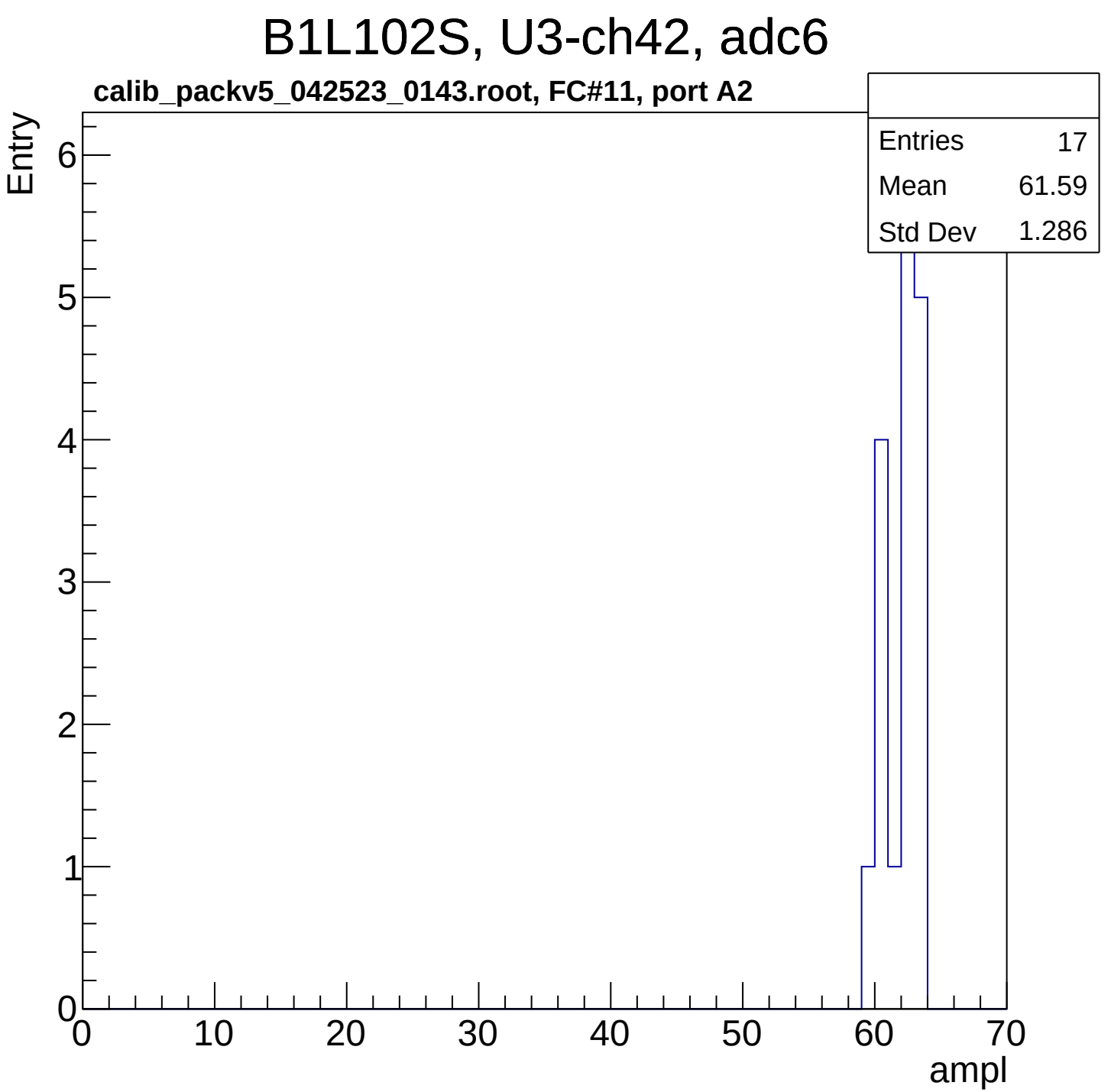
B1L102S, U3-ch42, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 17
Mean 61.59
Std Dev 1.286
Entry
0
1
2
3
4
5
6
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10
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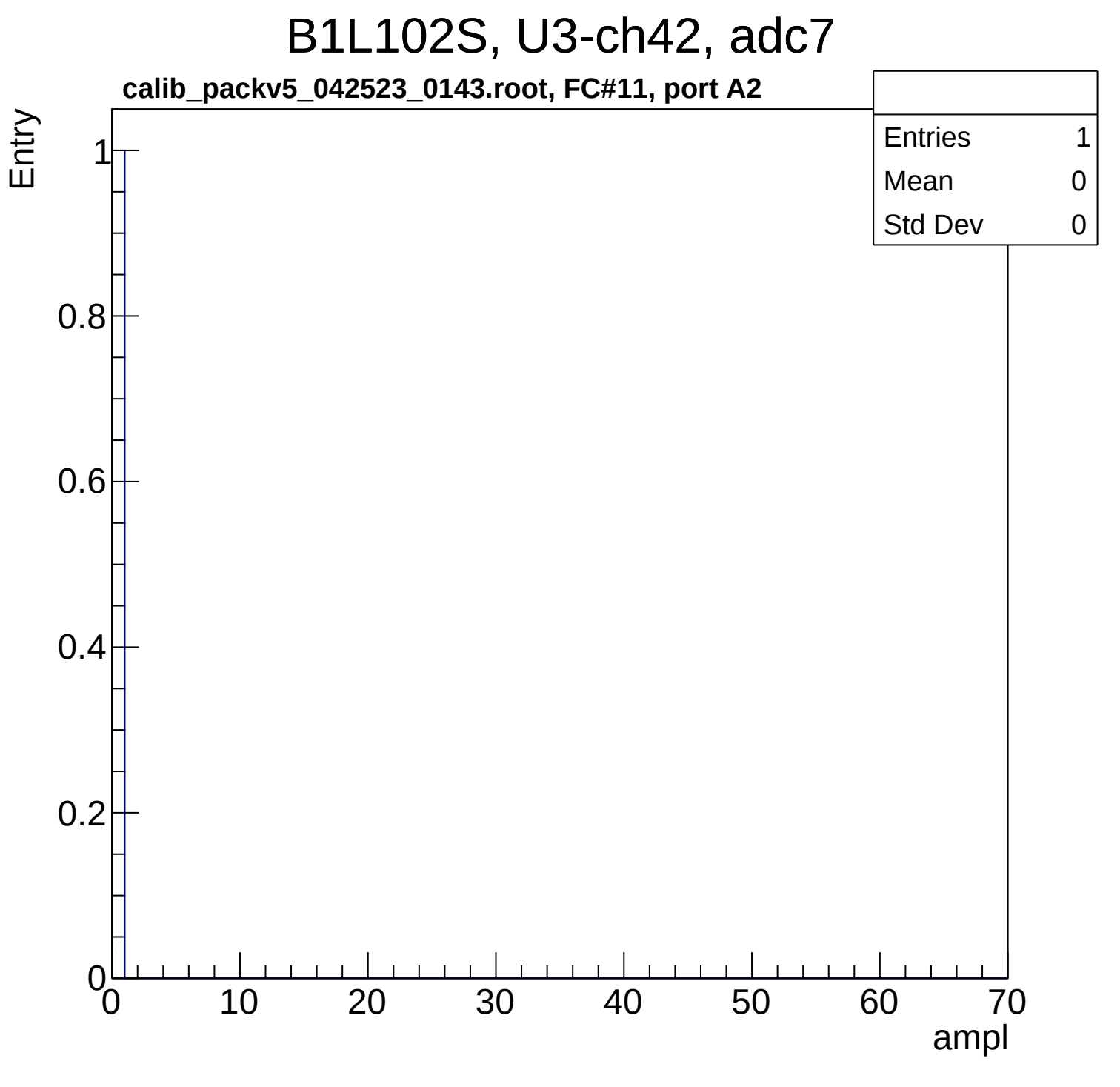
50
60
70
ampl


B1L102S, U3-ch42, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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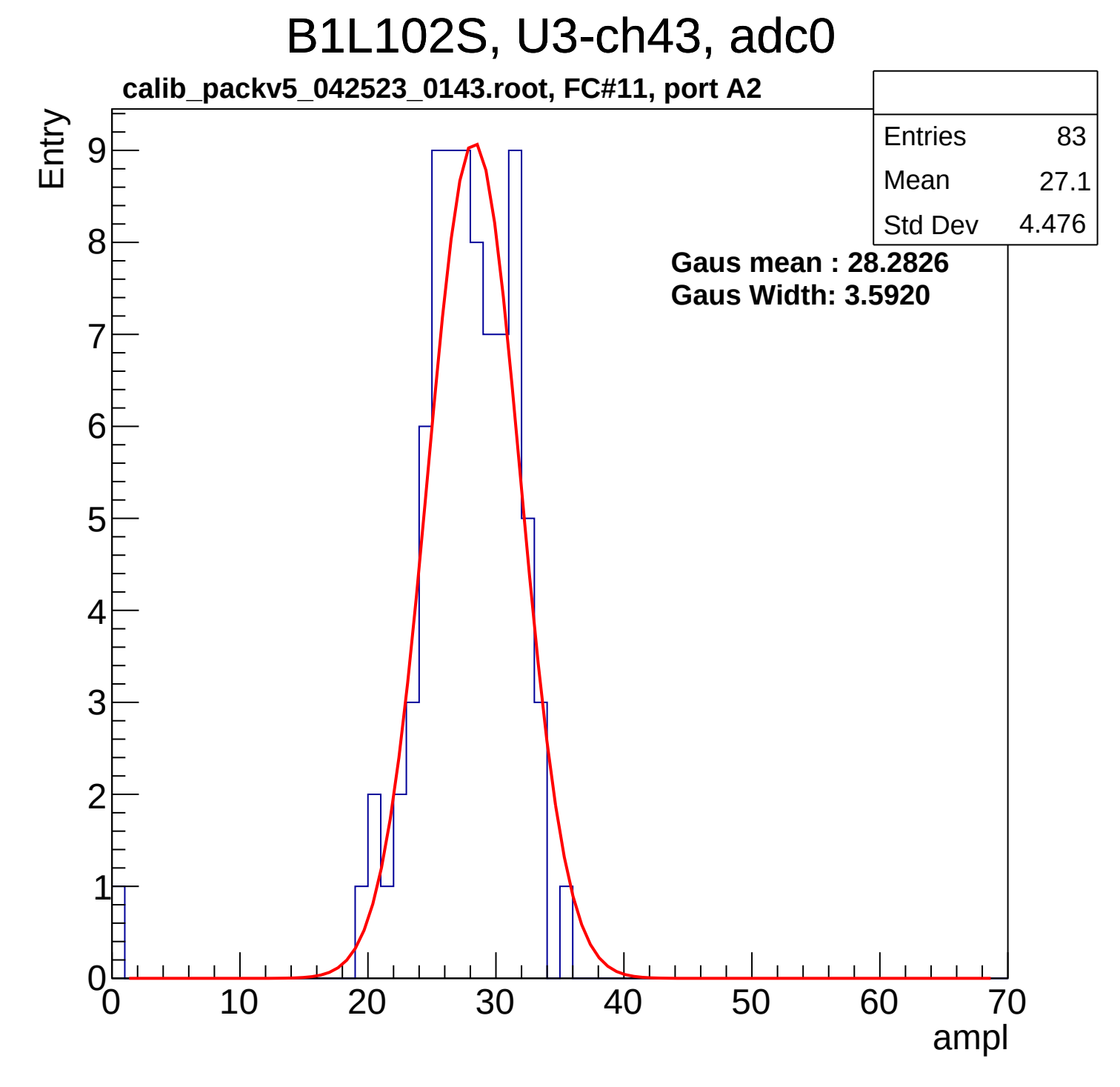
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch43, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 83
Mean 27.1
Std Dev 4.476
Gaus mean : 28.2826
Gaus Width: 3.5920
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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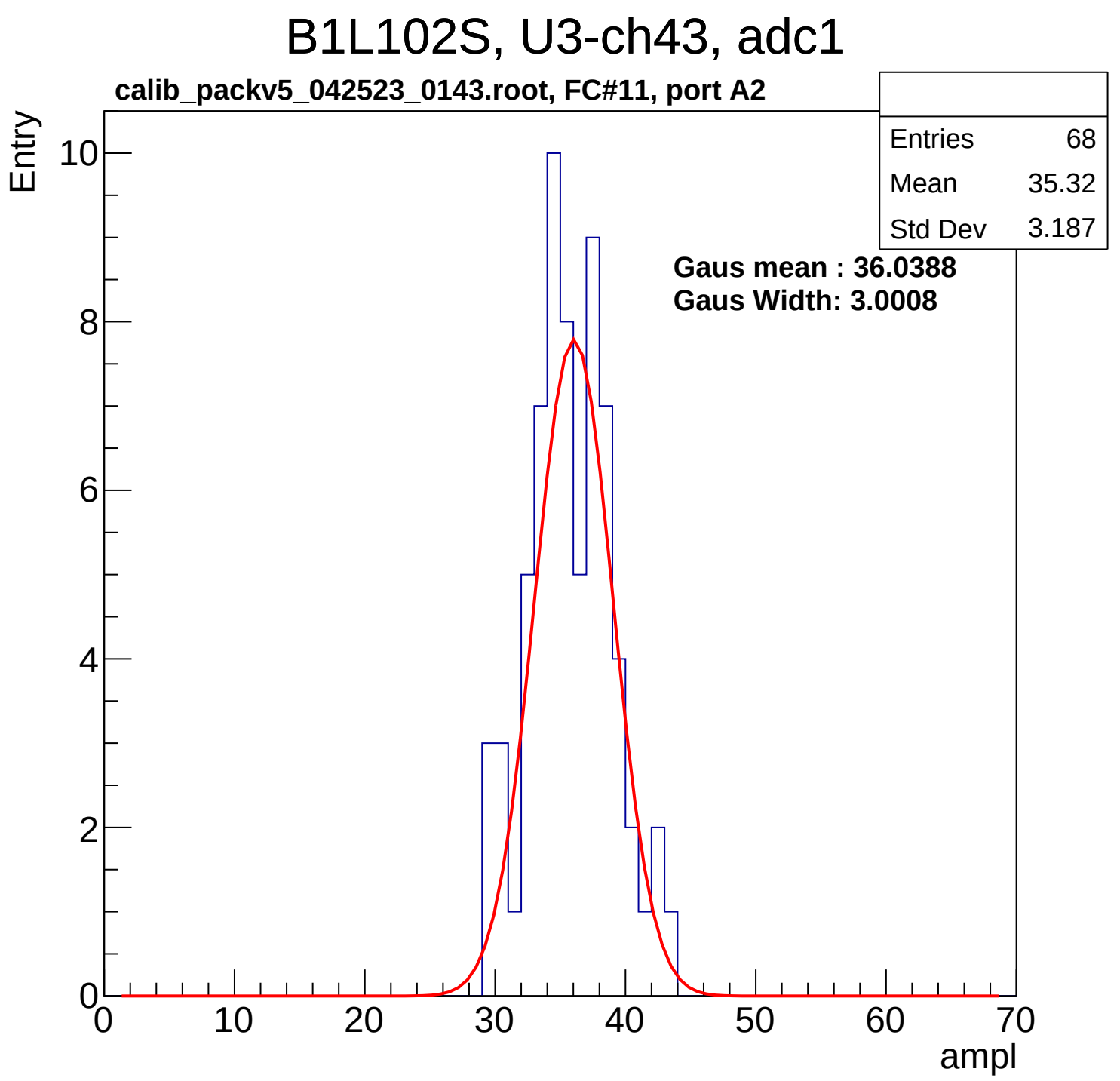
B1L102S, U3-ch43, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 35.32
Std Dev 3.187
Gaus mean : 36.0388
Gaus Width: 3.0008
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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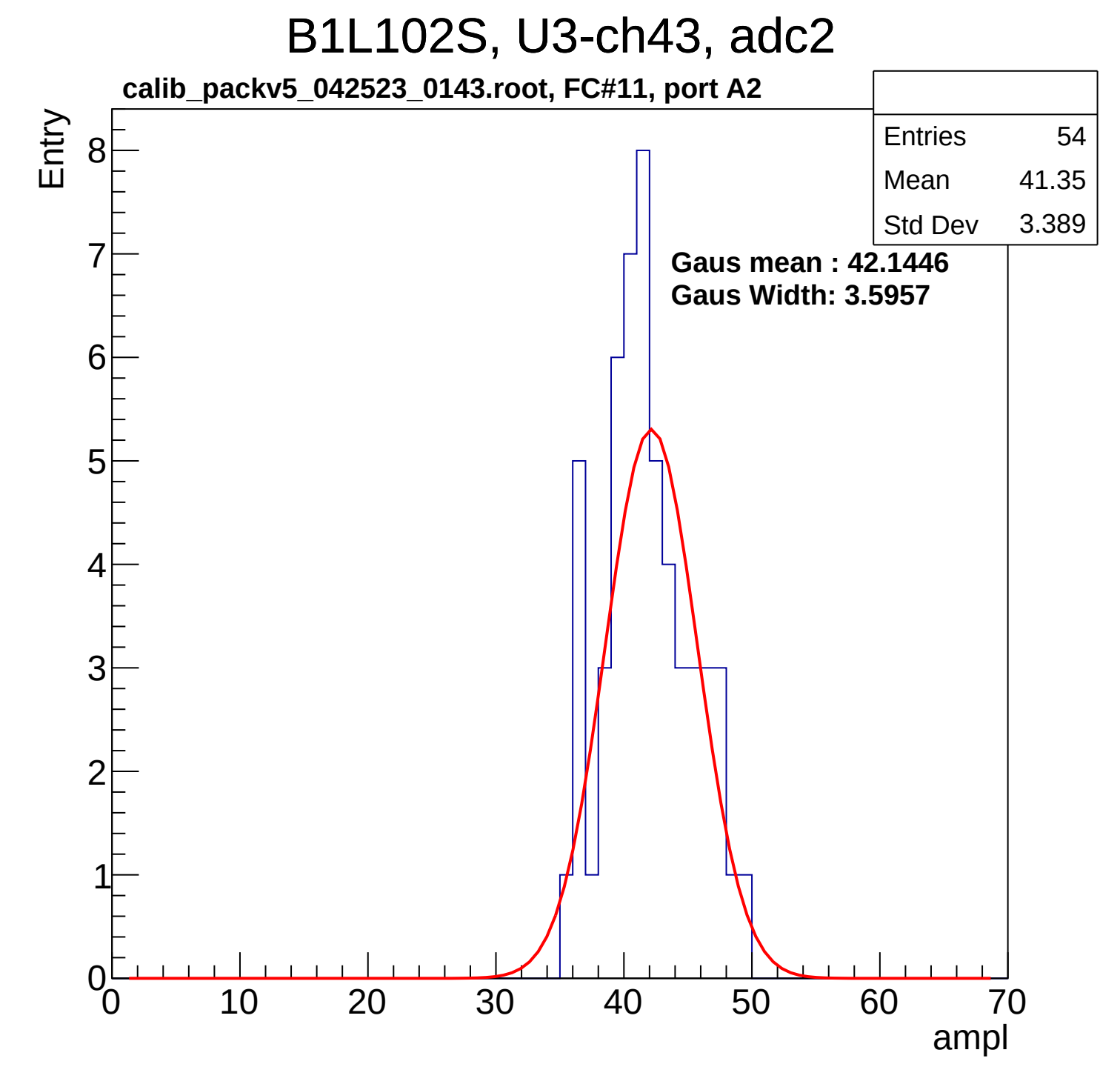
B1L102S, U3-ch43, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 41.35
Std Dev 3.389
Gaus mean : 42.1446
Gaus Width: 3.5957
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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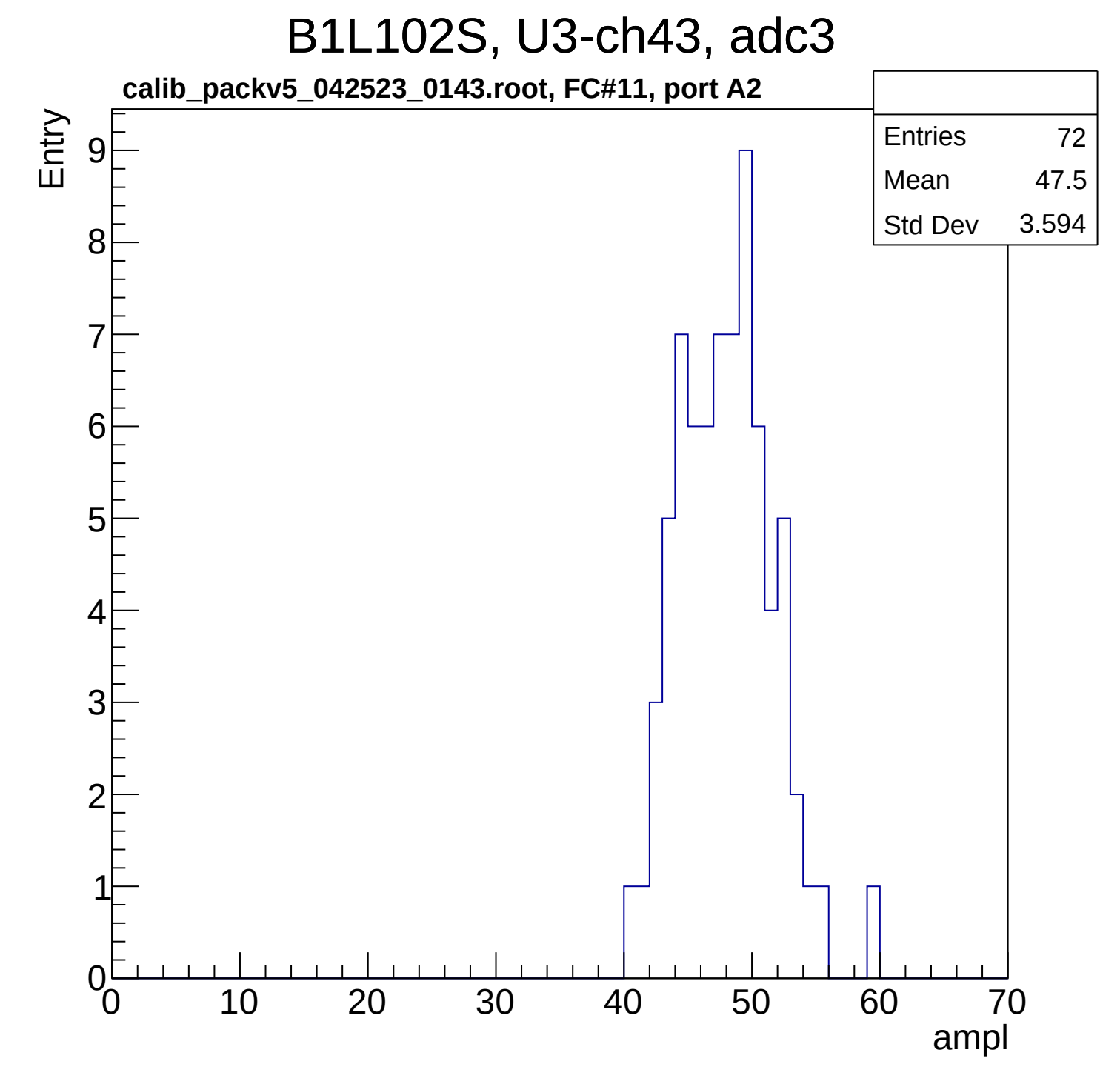
B1L102S, U3-ch43, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 47.5
Std Dev 3.594
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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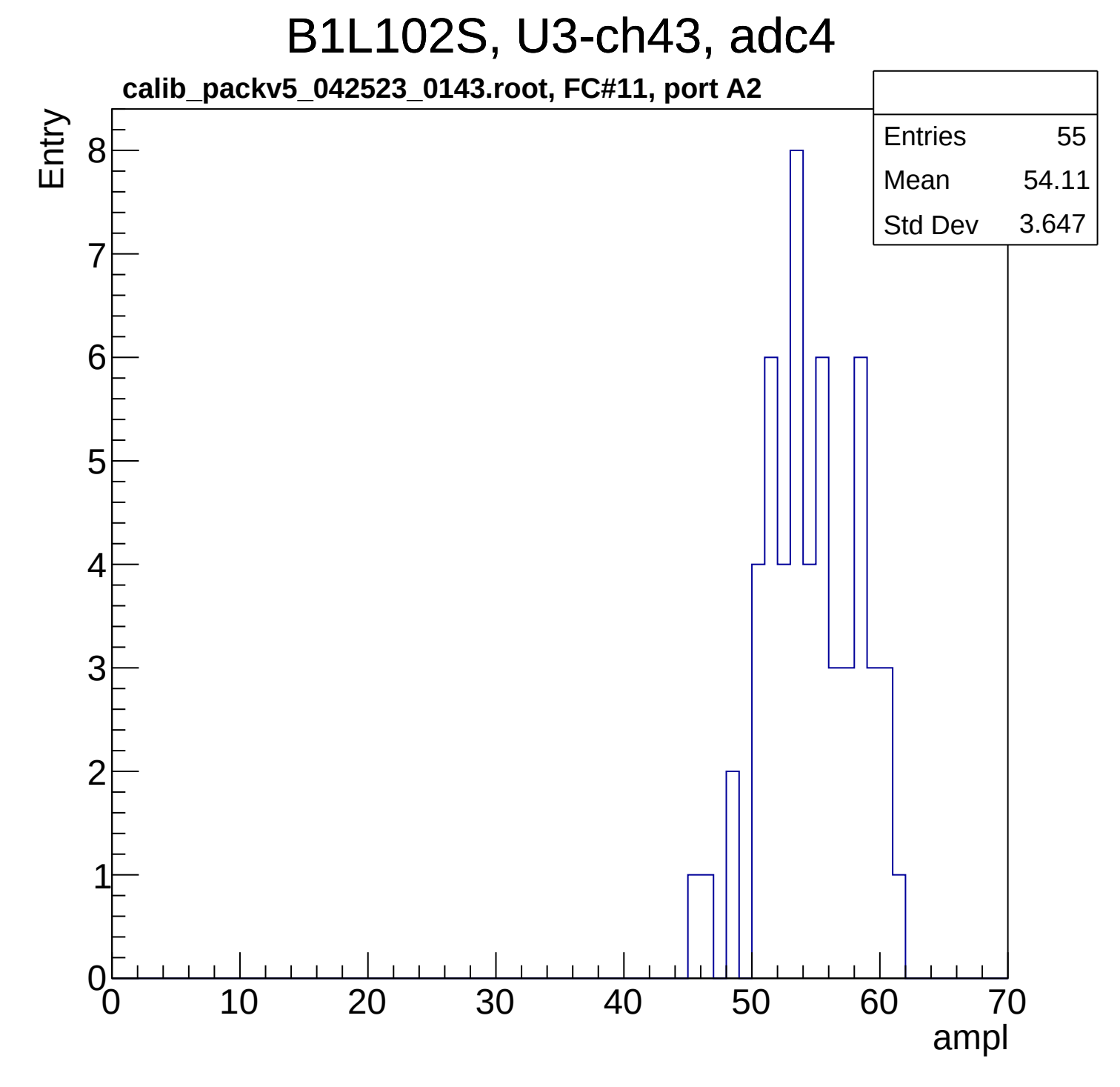
B1L102S, U3-ch43, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 54.11
Std Dev 3.647
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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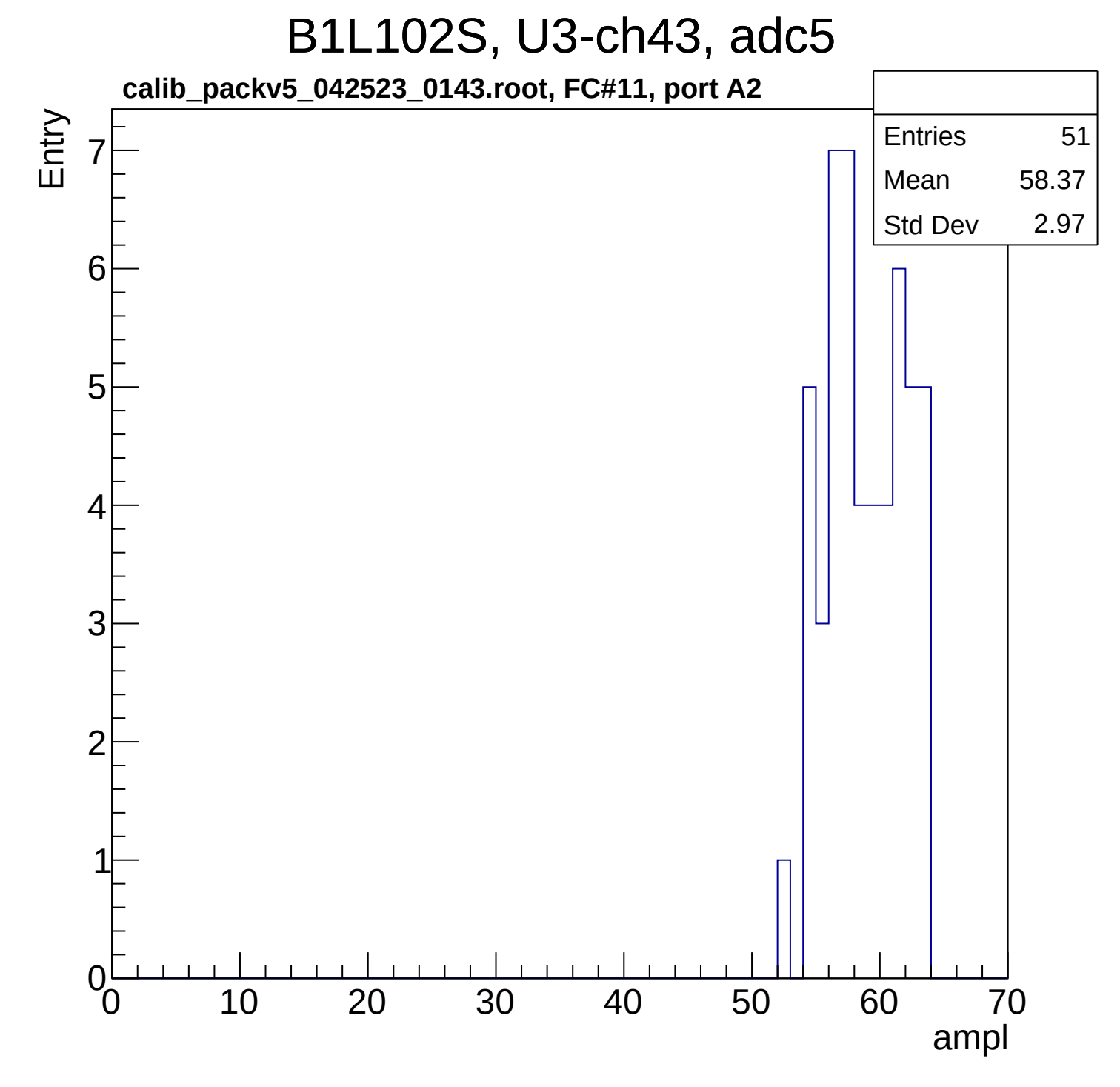
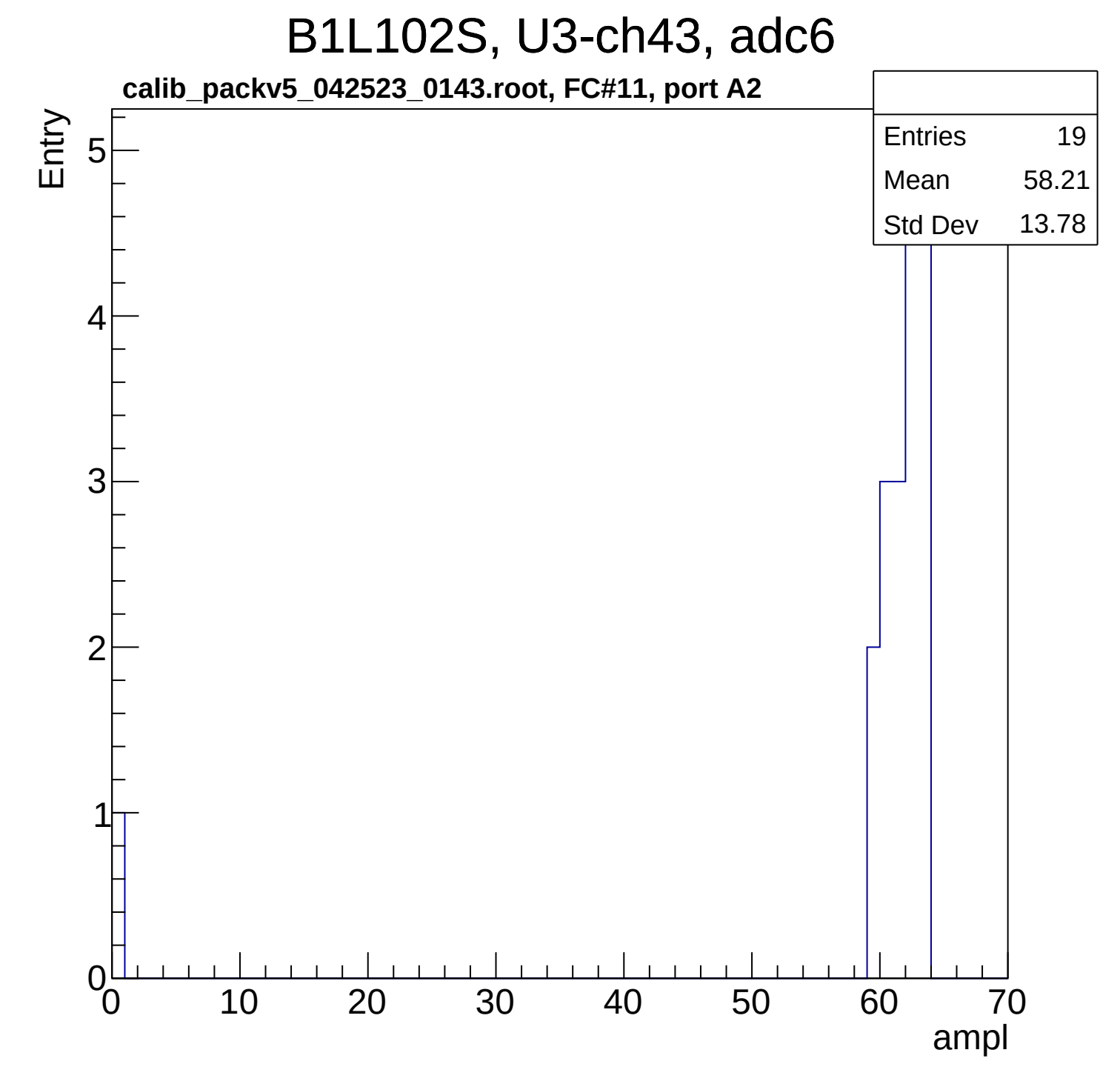
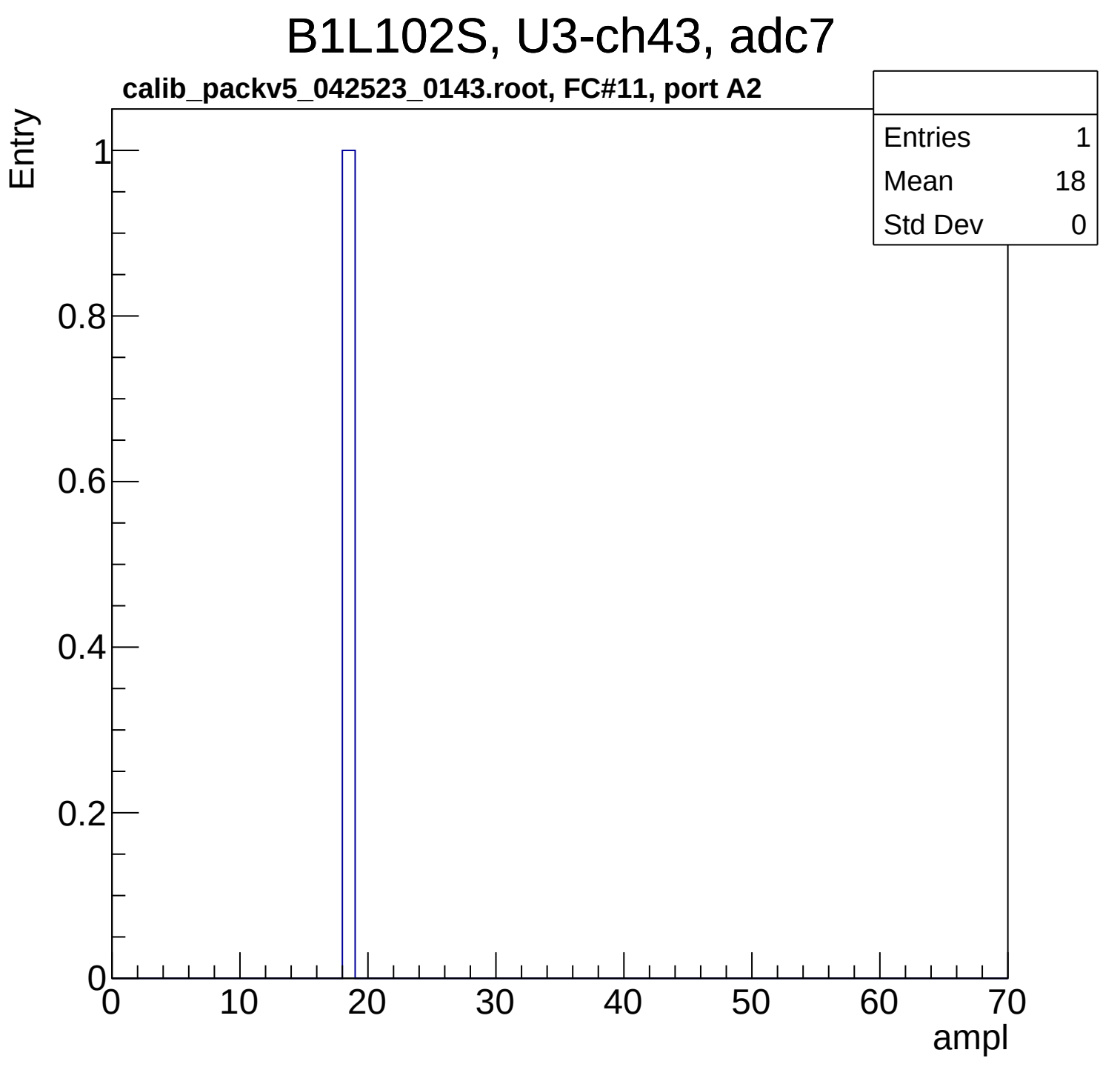

B1L102S, U3-ch43, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 58.37
Std Dev 2.97
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch43, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 19
Mean 58.21
Std Dev 13.78
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch43, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 18
Std Dev 0
Entry
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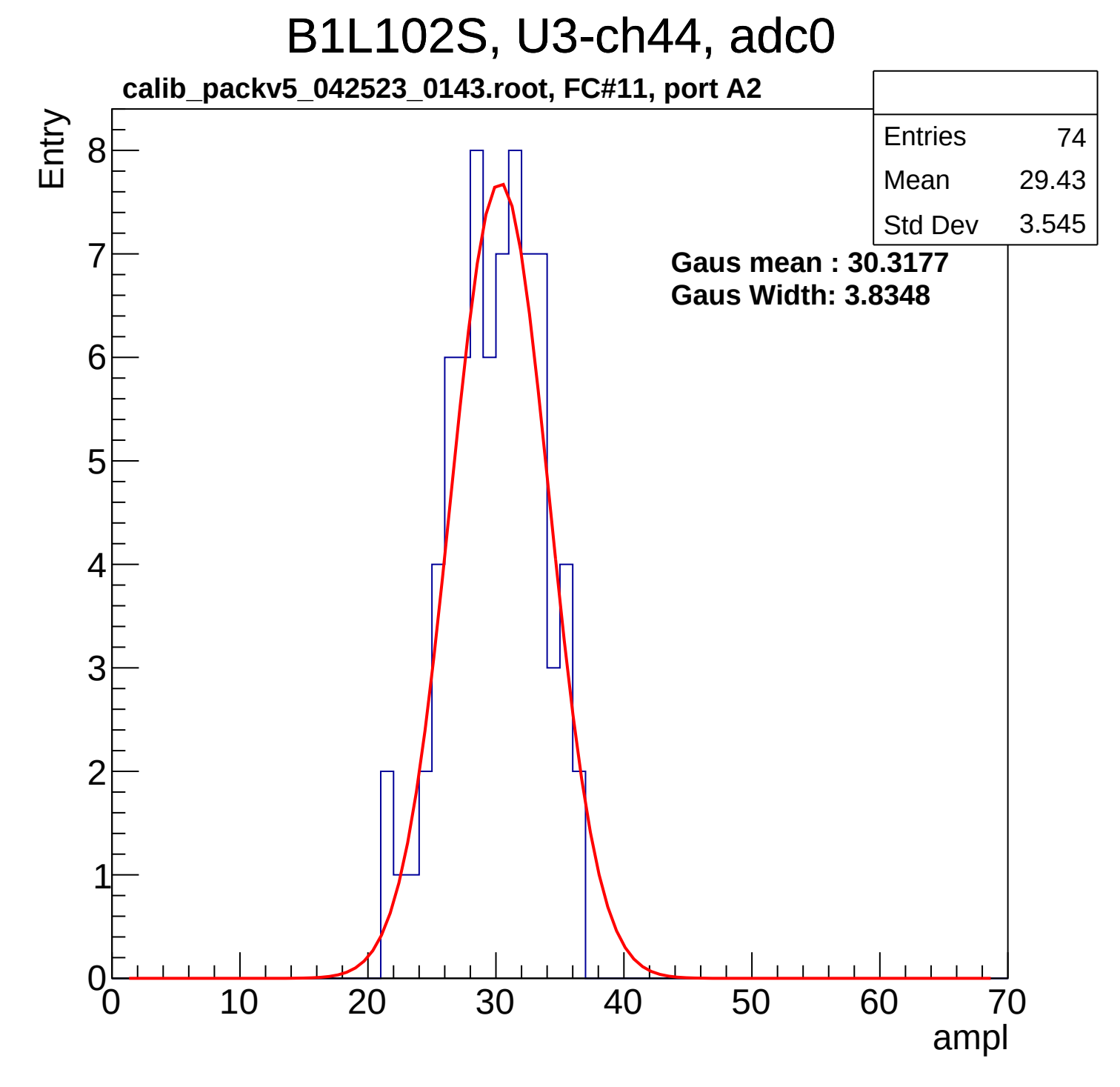
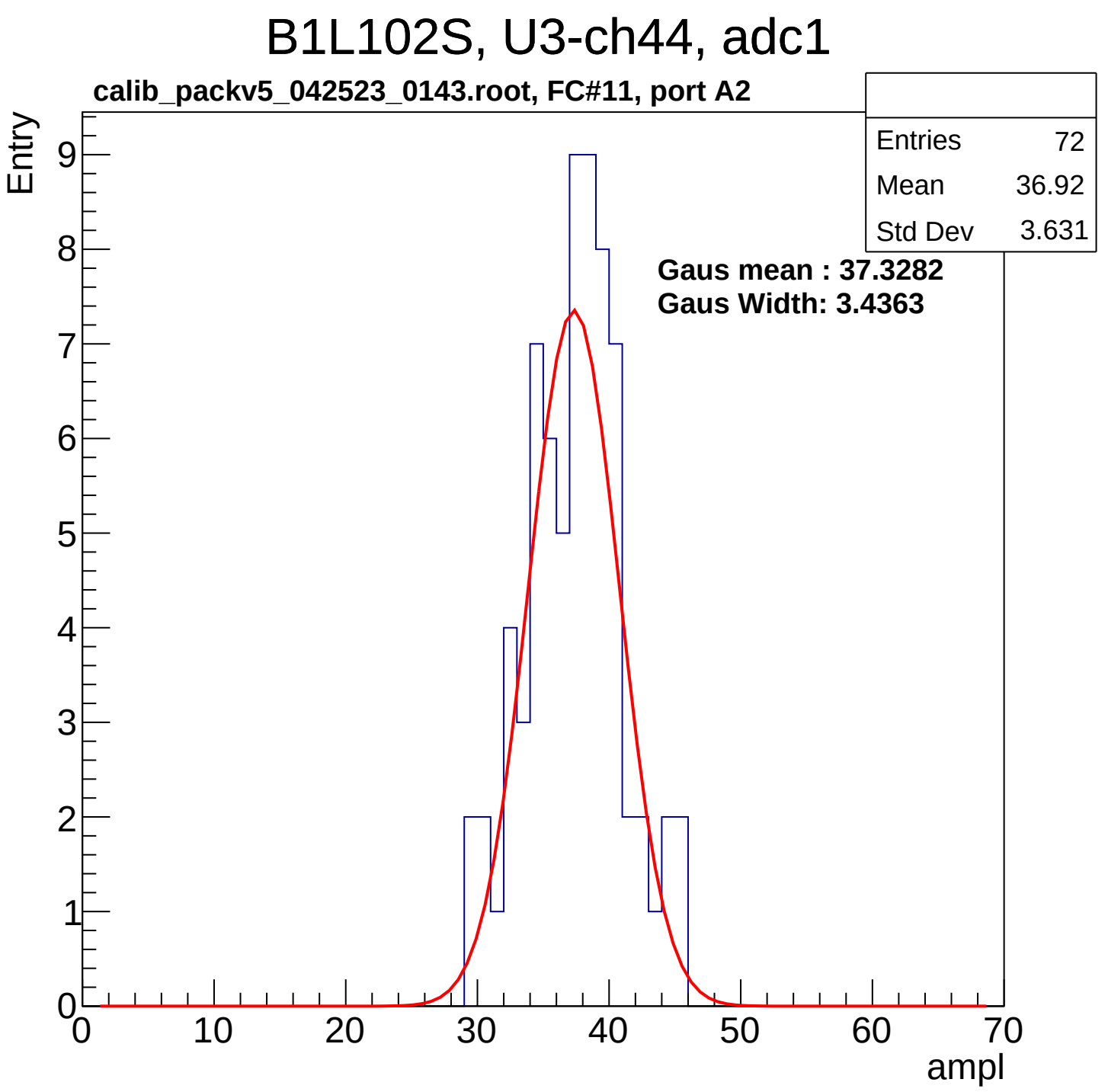
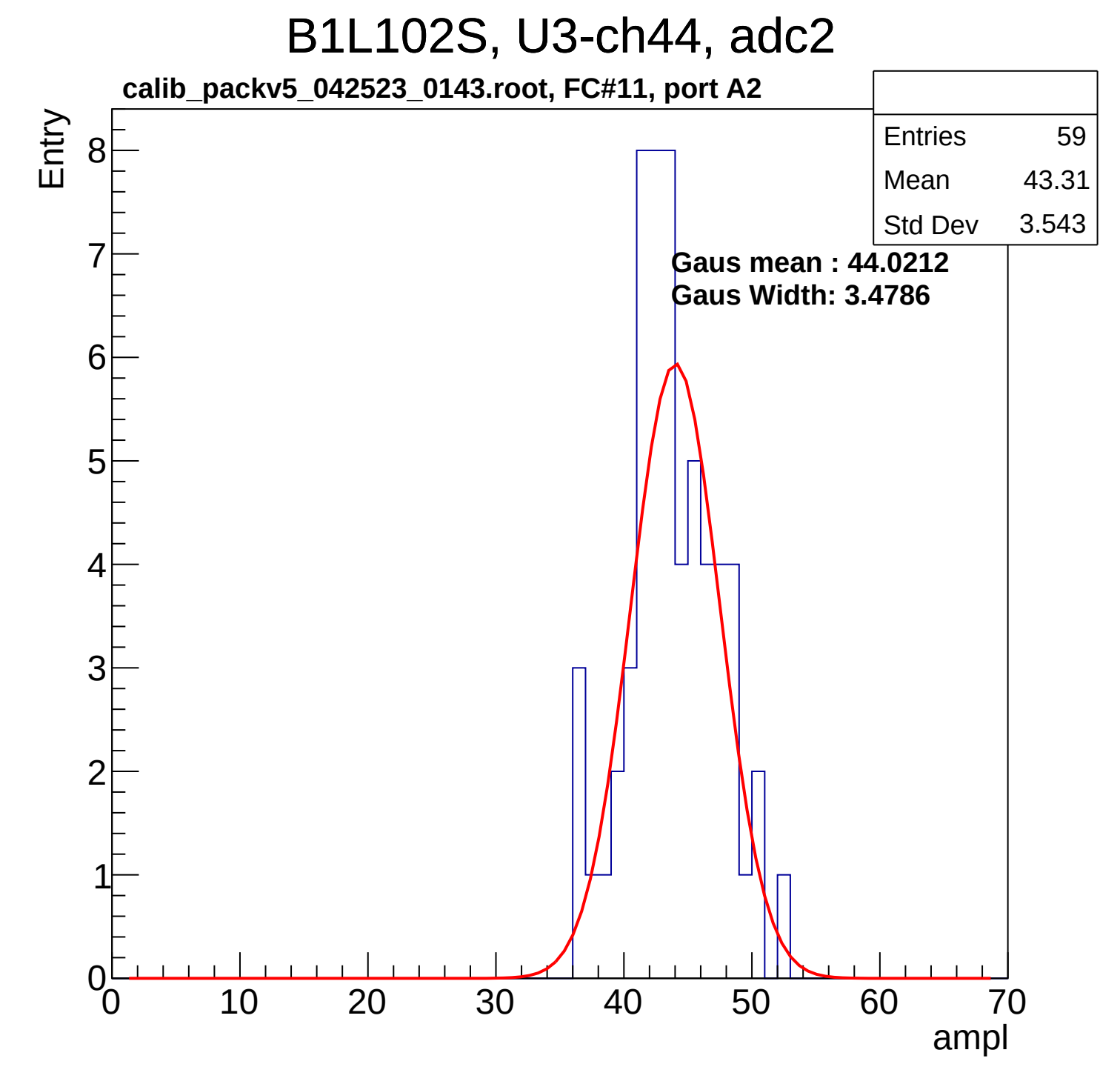
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch44, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 29.43
Std Dev 3.545
Gaus mean : 30.3177
Gaus Width: 3.8348
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch44, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 36.92
Std Dev 3.631
Gaus mean : 37.3282
Gaus Width: 3.4363
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch44, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 43.31
Std Dev 3.543
Gaus mean : 44.0212
Gaus Width: 3.4786
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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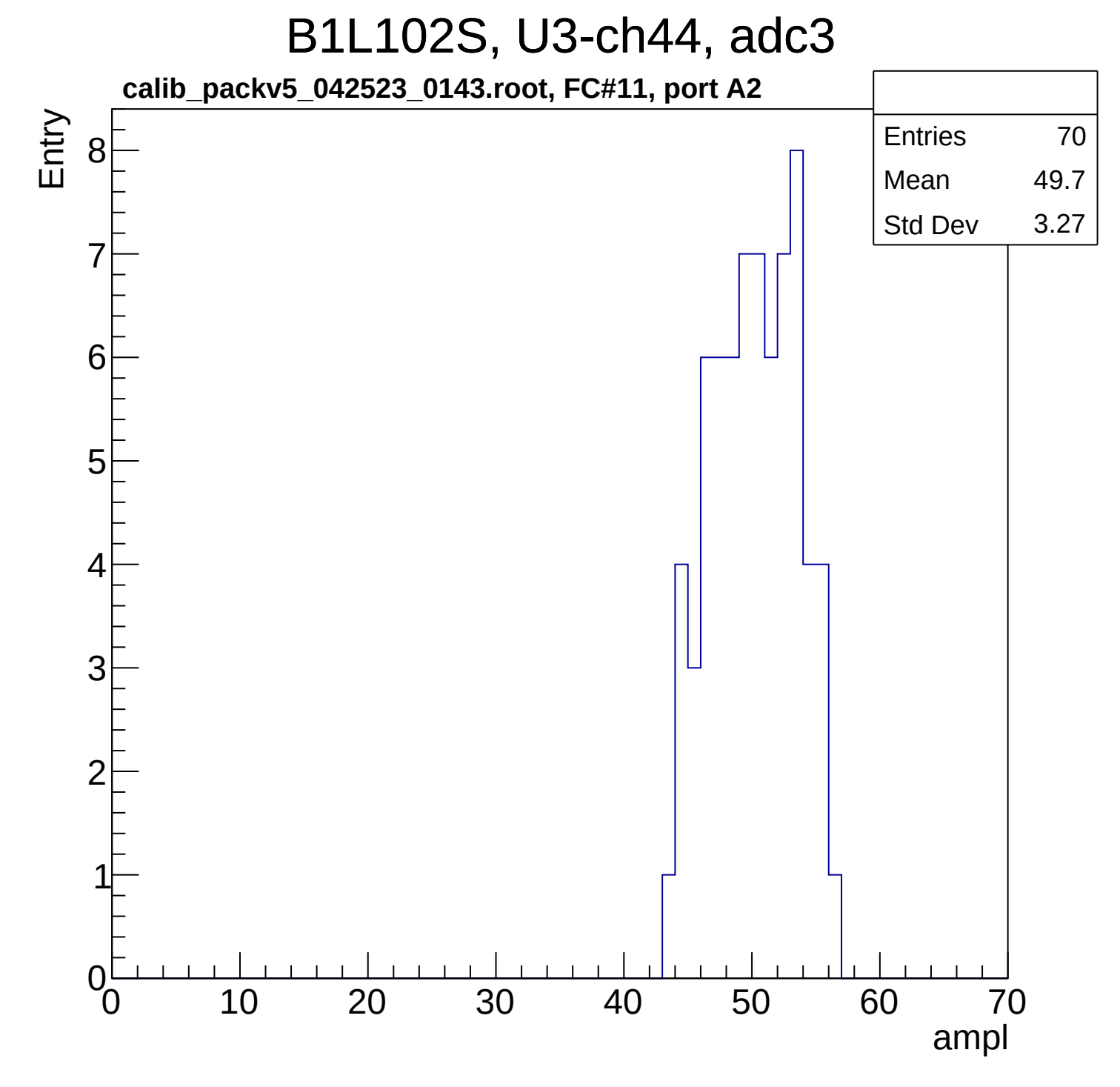
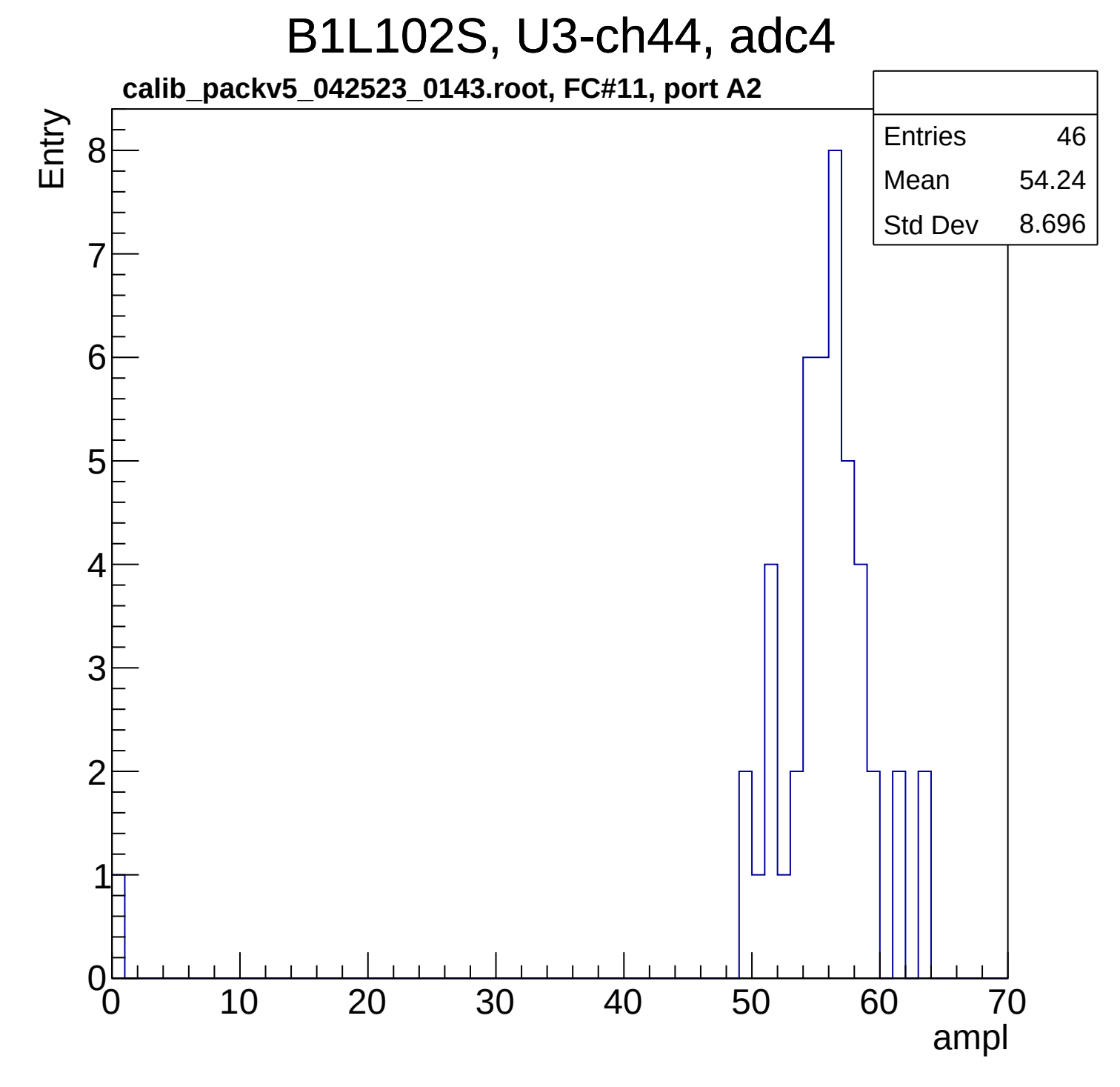
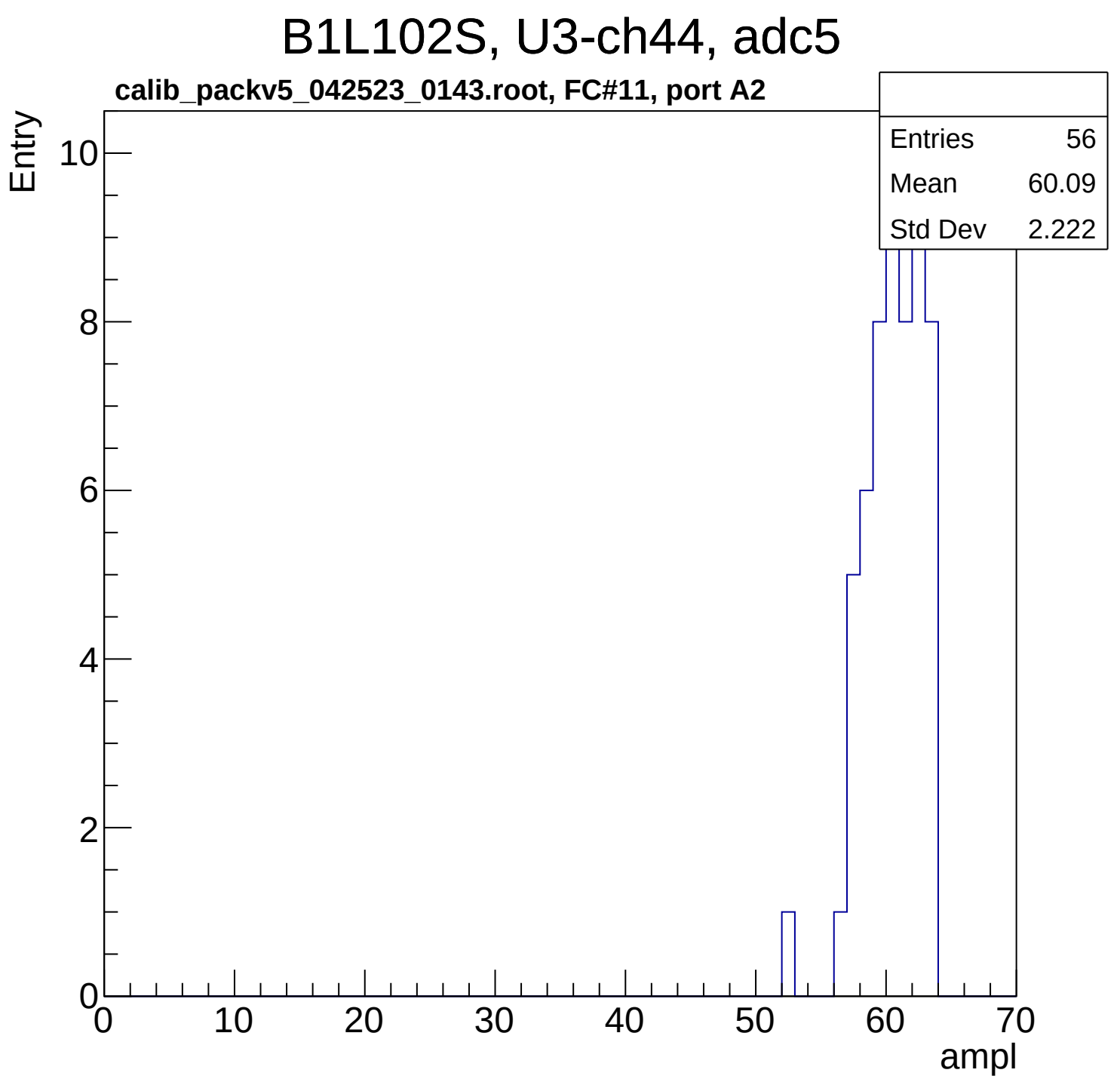
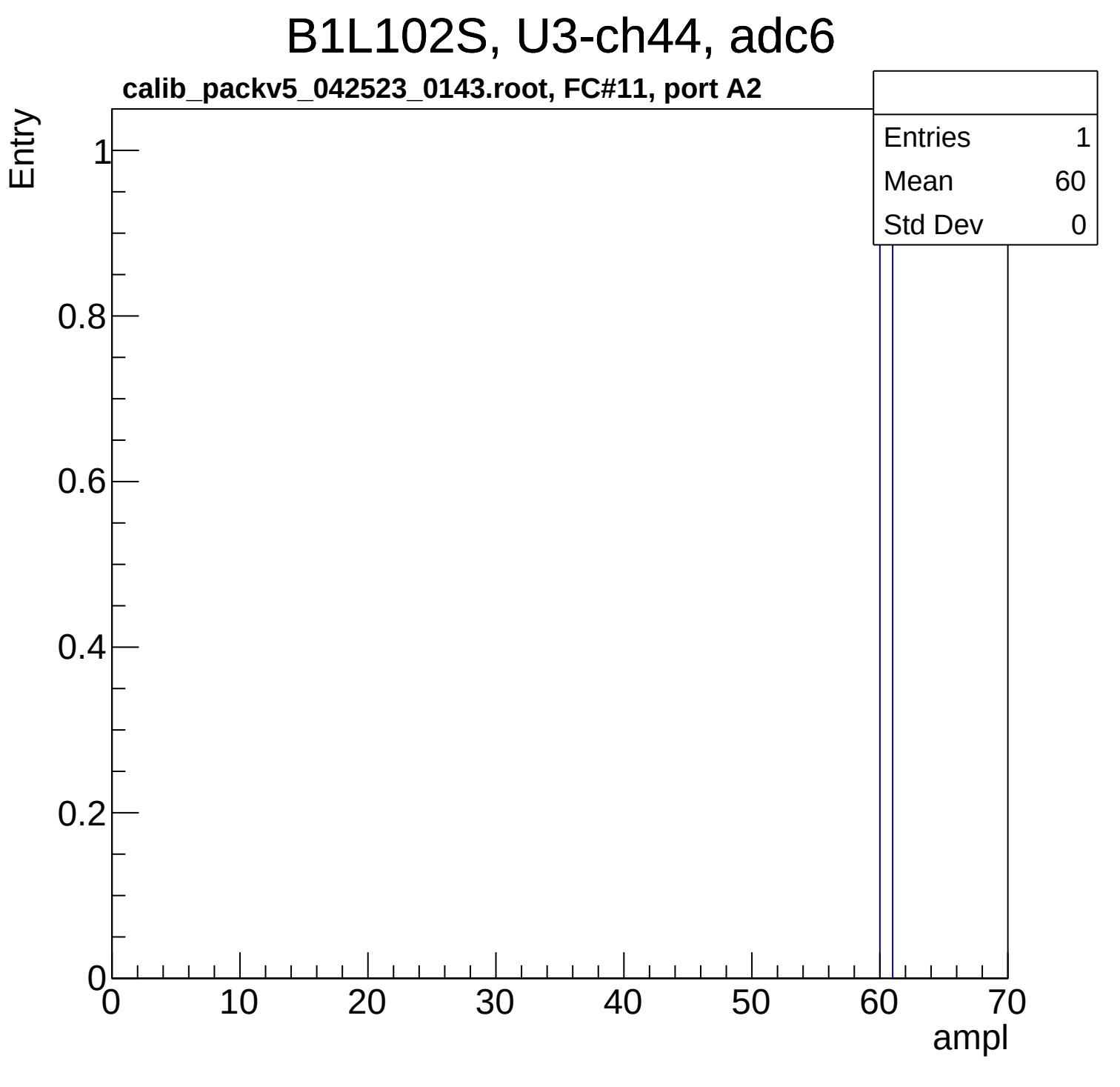

B1L102S, U3-ch44, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 49.7
Std Dev 3.27
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch44, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 54.24
Std Dev 8.696
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch44, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 60.09
Std Dev 2.222
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch44, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 60
Std Dev 0
Entry
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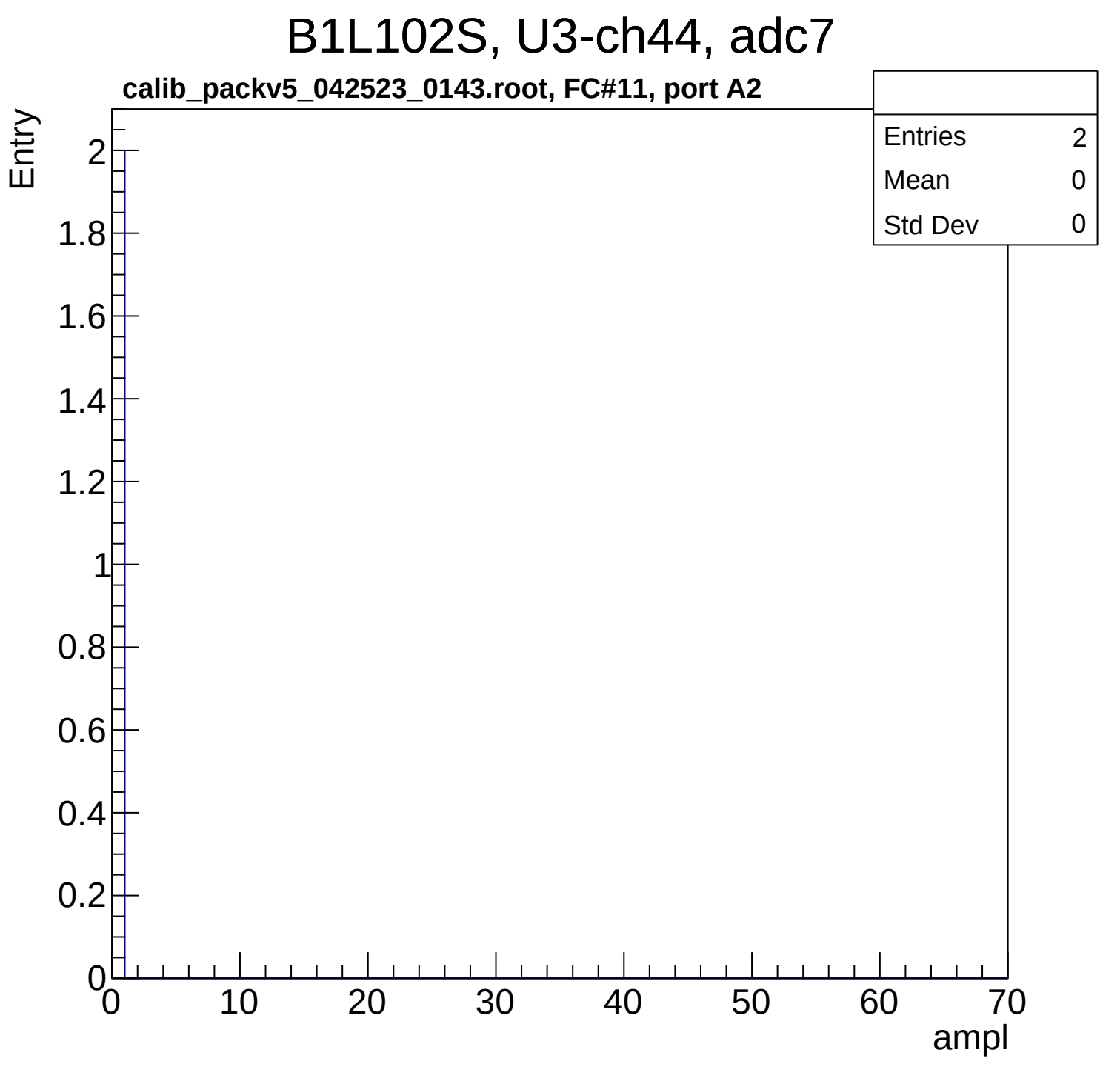
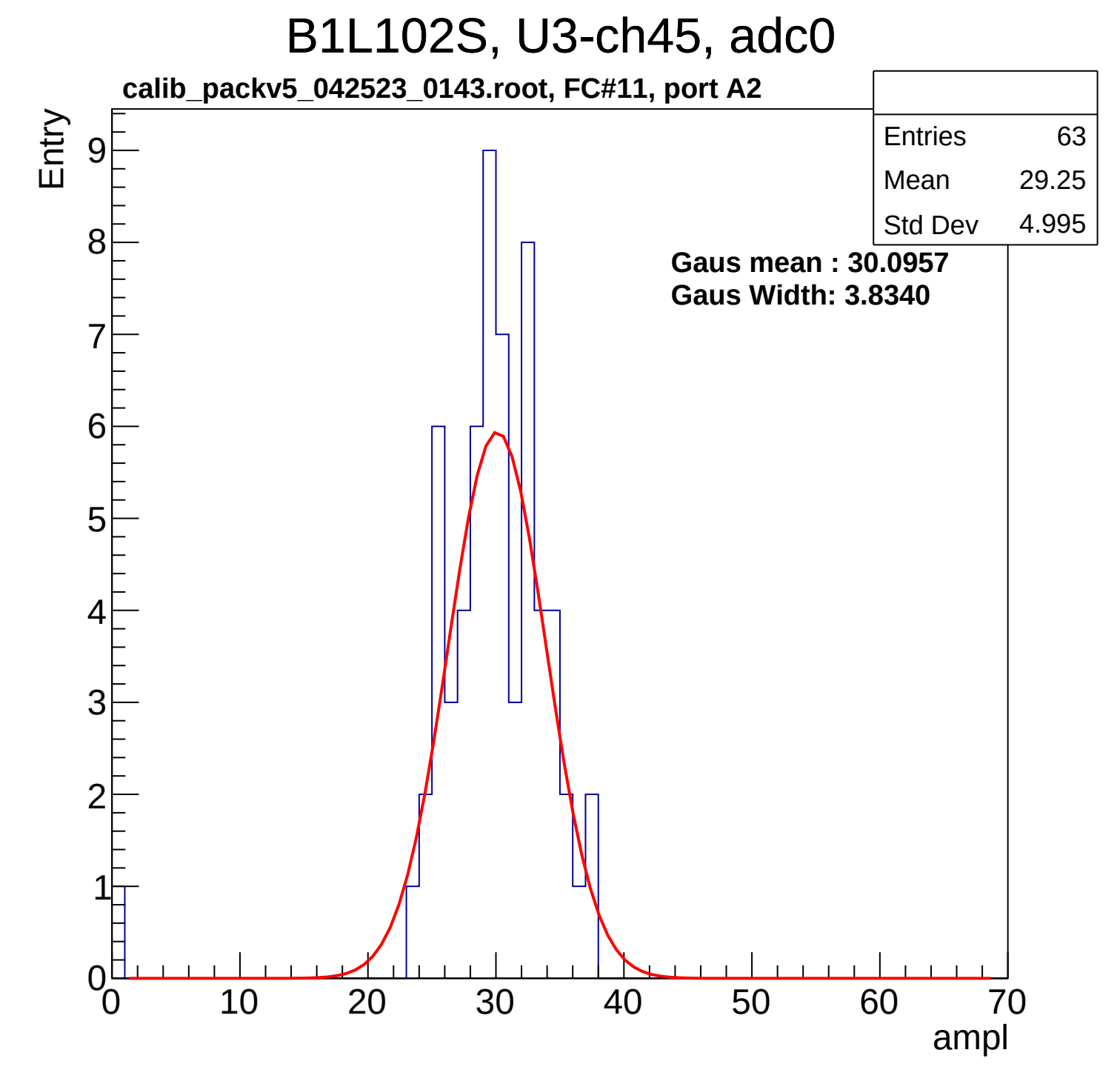
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch44, 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, U3-ch45, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 29.25
Std Dev 4.995
Gaus mean : 30.0957
Gaus Width: 3.8340
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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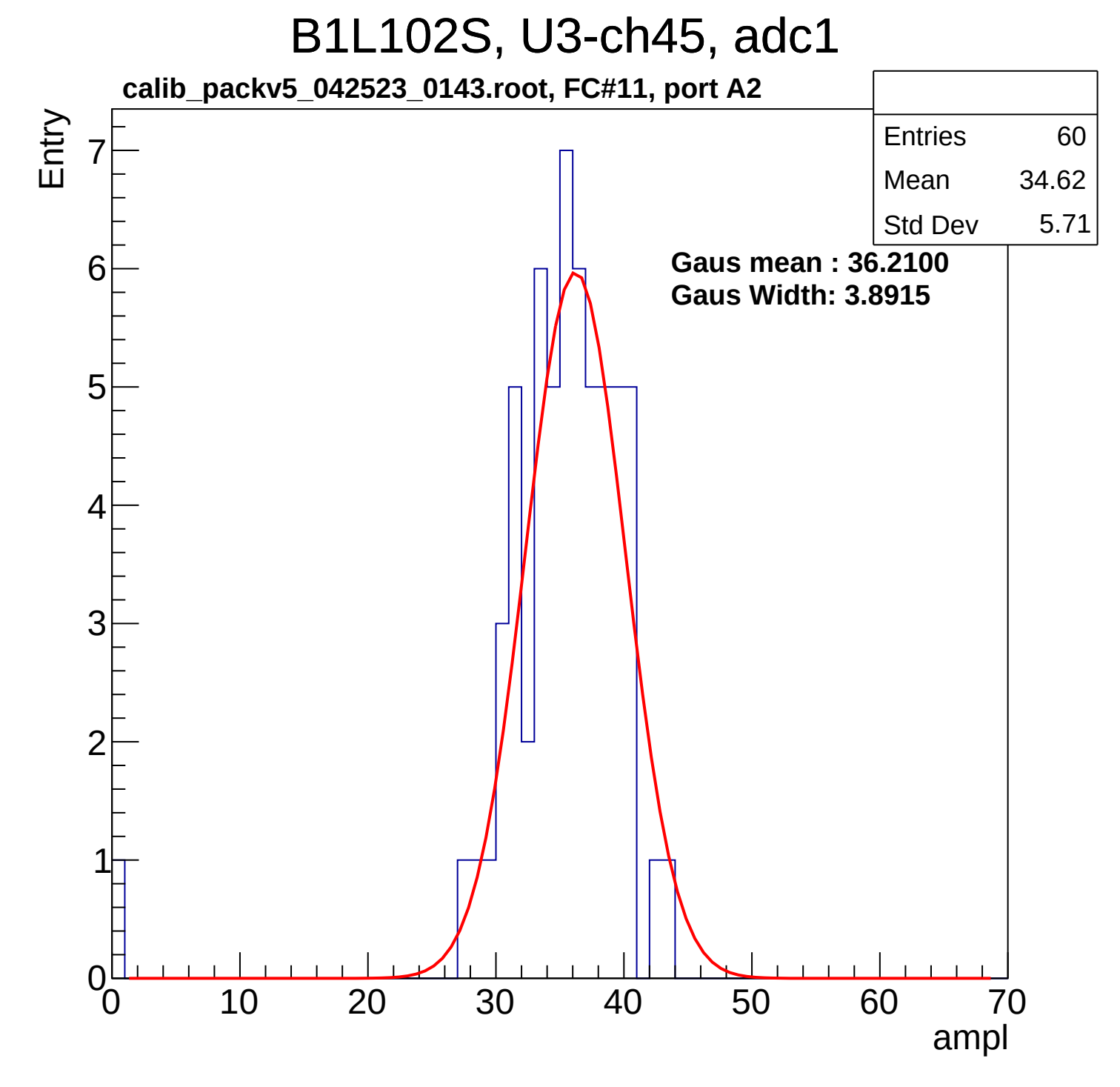
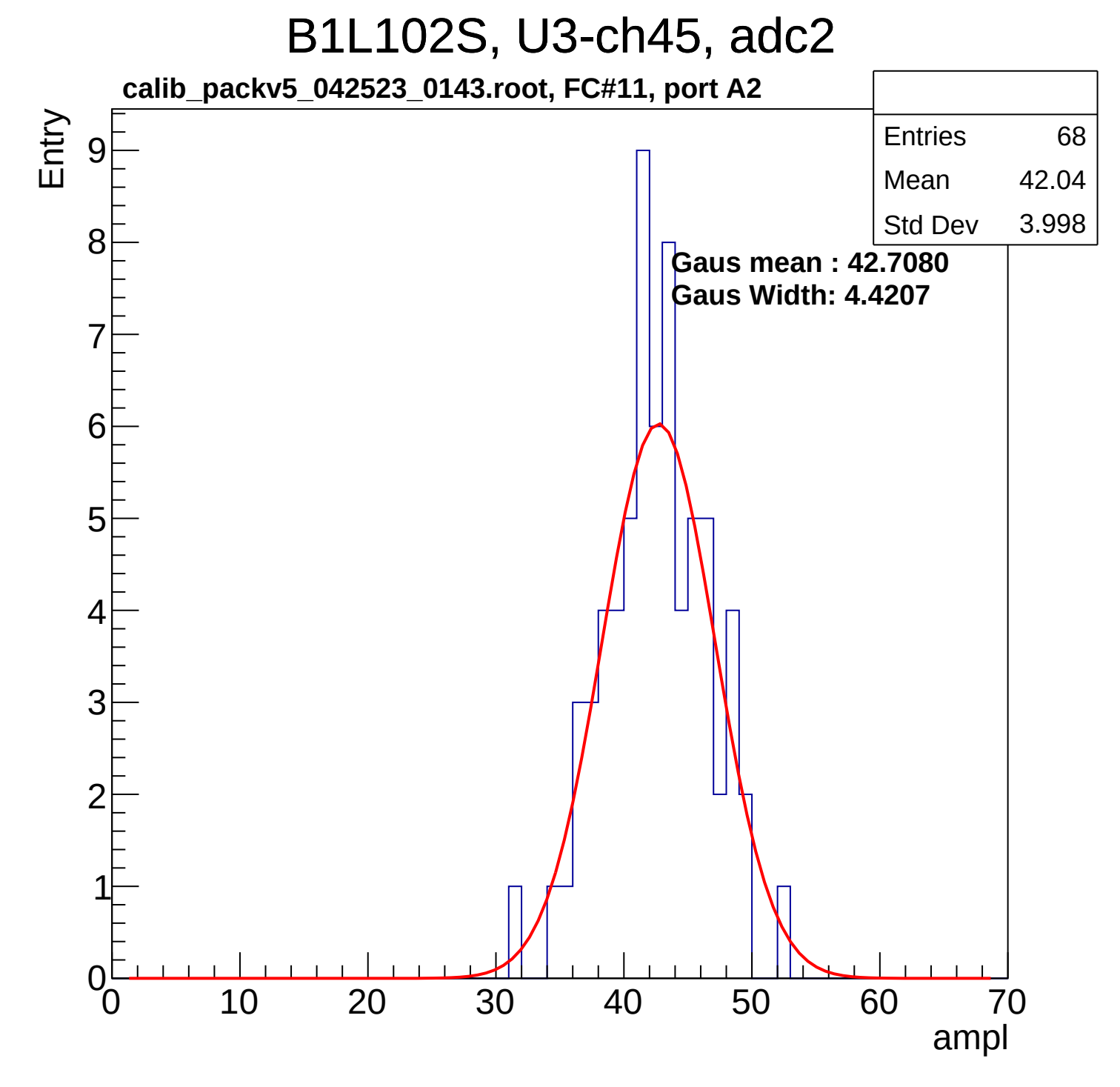

B1L102S, U3-ch45, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 34.62
Std Dev 5.71
Gaus mean : 36.2100
Gaus Width: 3.8915
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch45, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 42.04
Std Dev 3.998
Gaus mean : 42.7080
Gaus Width: 4.4207
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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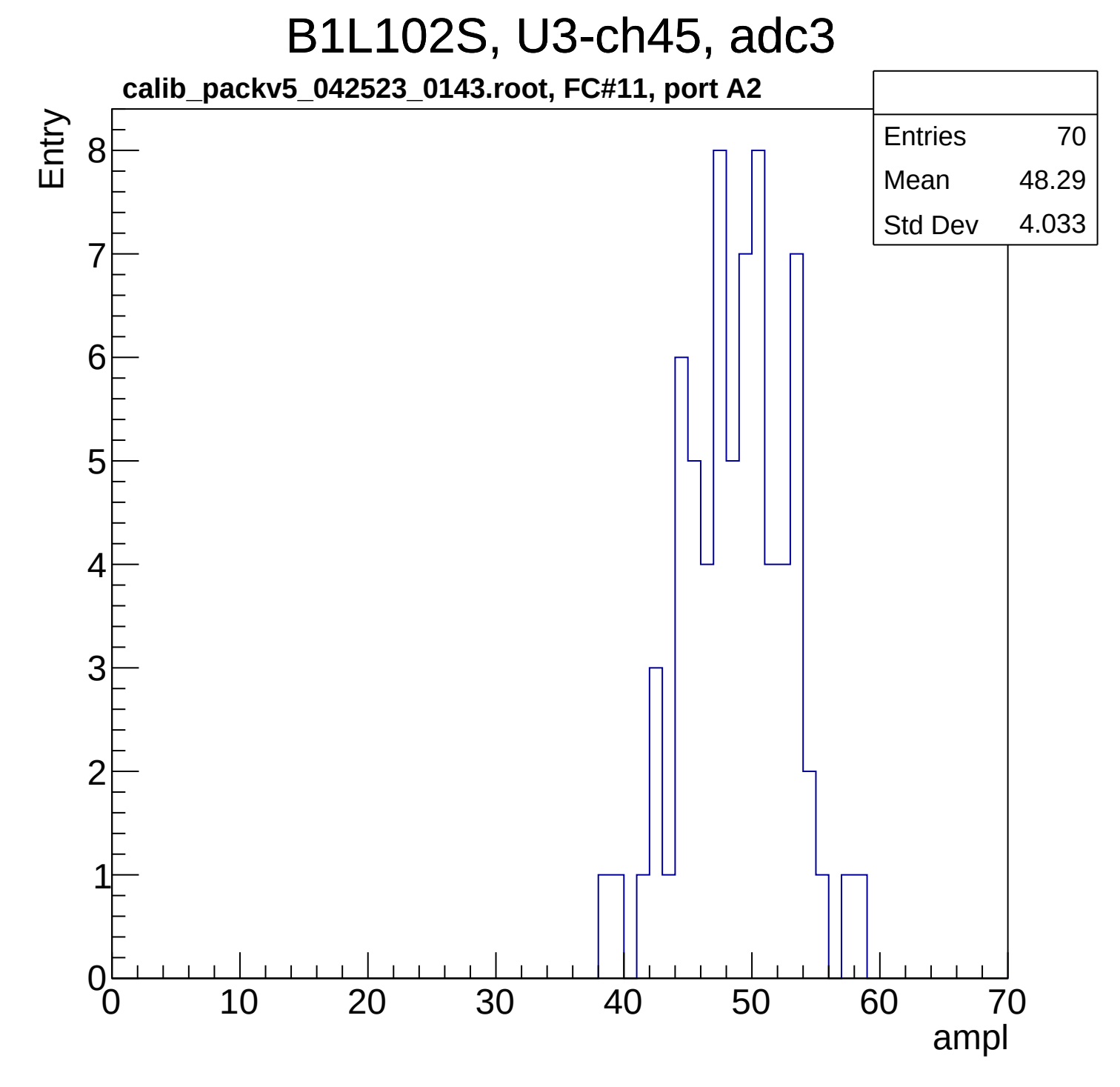
B1L102S, U3-ch45, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 48.29
Std Dev 4.033
Entry
ampl
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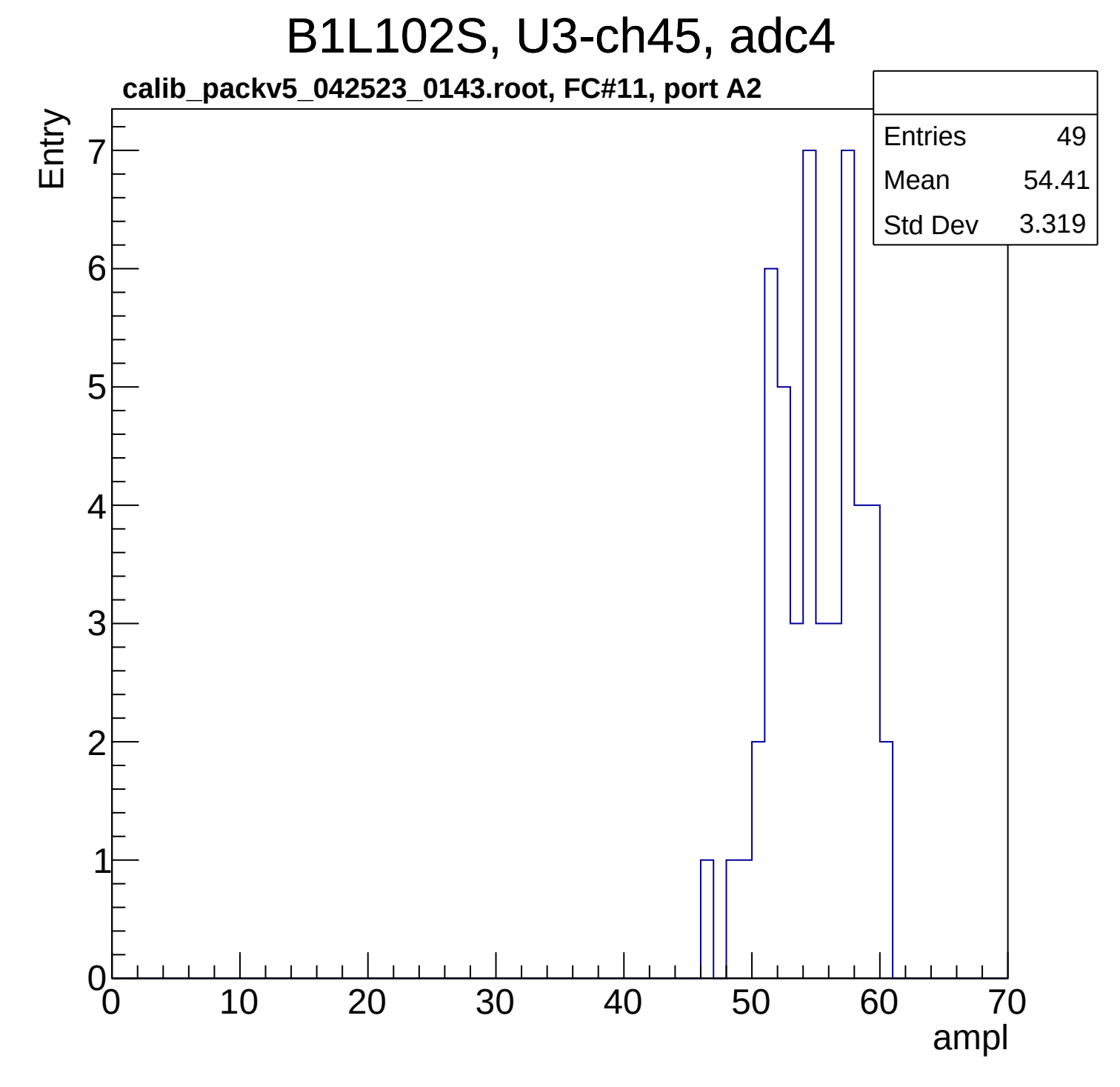
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch45, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 54.41
Std Dev 3.319
Entry
ampl
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3
4
5
6
7
0
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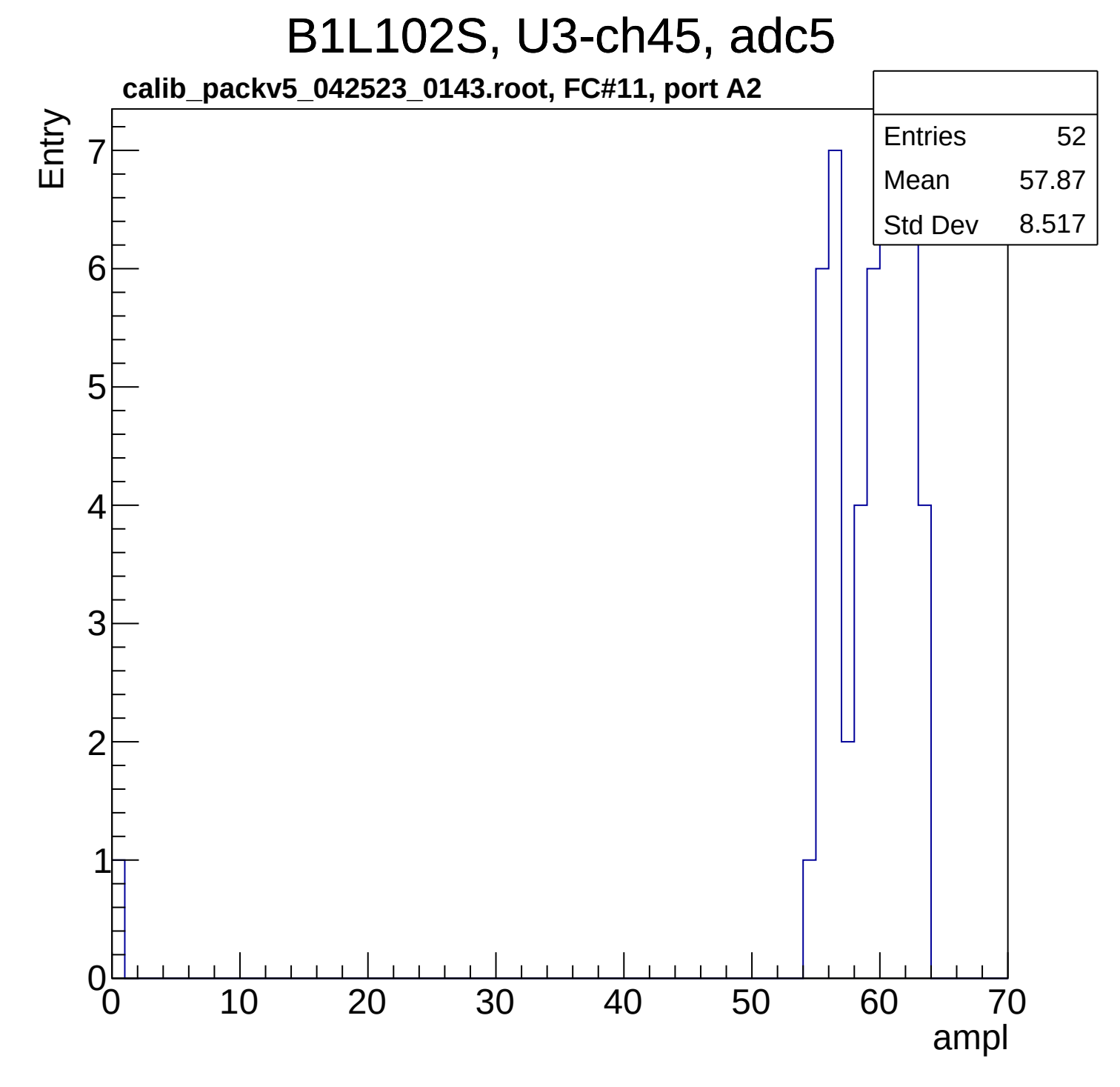
20
30
40
50
60
70


B1L102S, U3-ch45, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 57.87
Std Dev 8.517
Entry
ampl
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3
4
5
6
7
0
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20
30
40
50
60
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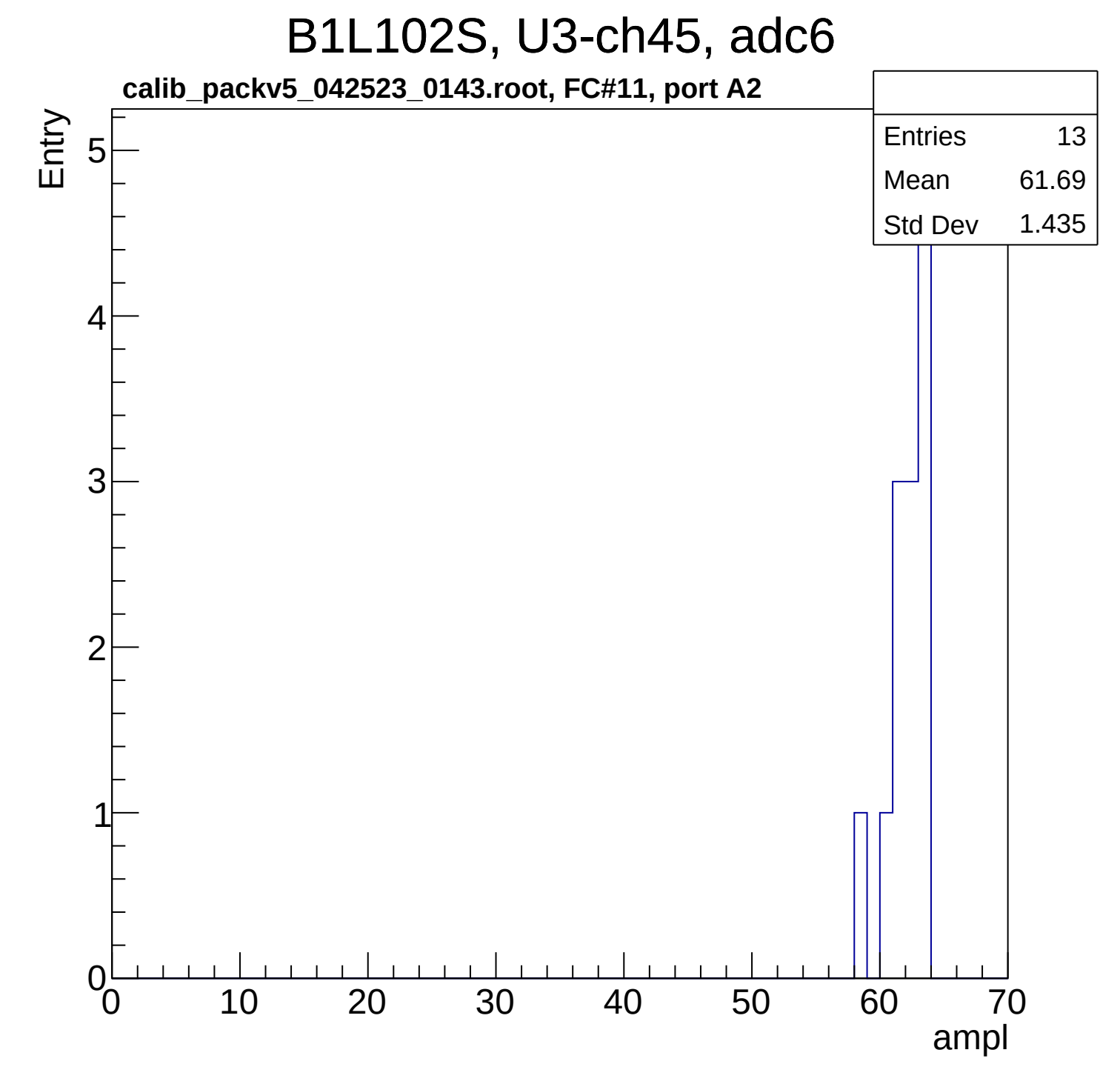
B1L102S, U3-ch45, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.69
Std Dev 1.435
Entry
ampl
0
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2
3
4
5
0
10
20
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40
50
60
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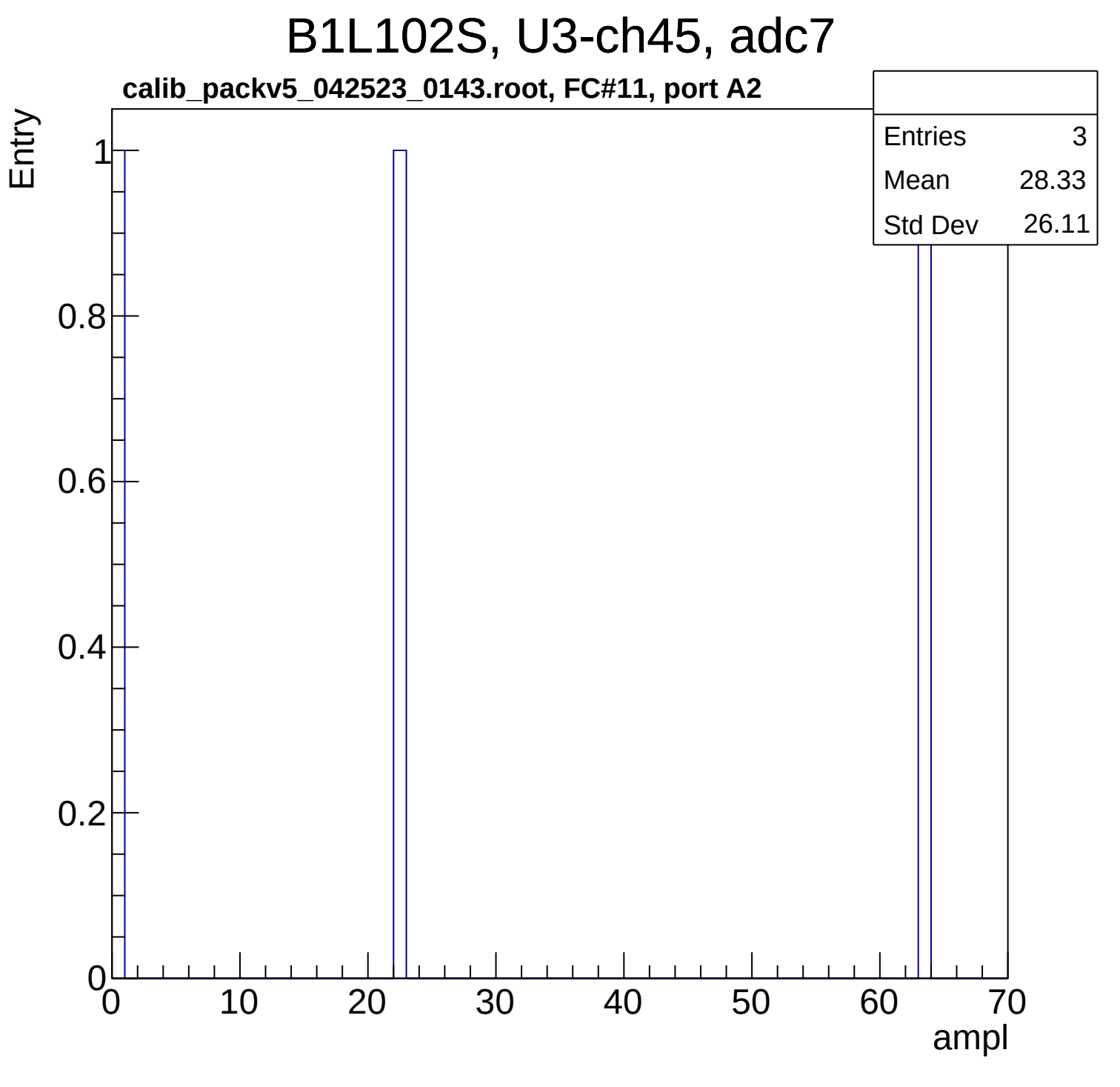
B1L102S, U3-ch45, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 28.33
Std Dev 26.11
Entry
ampl
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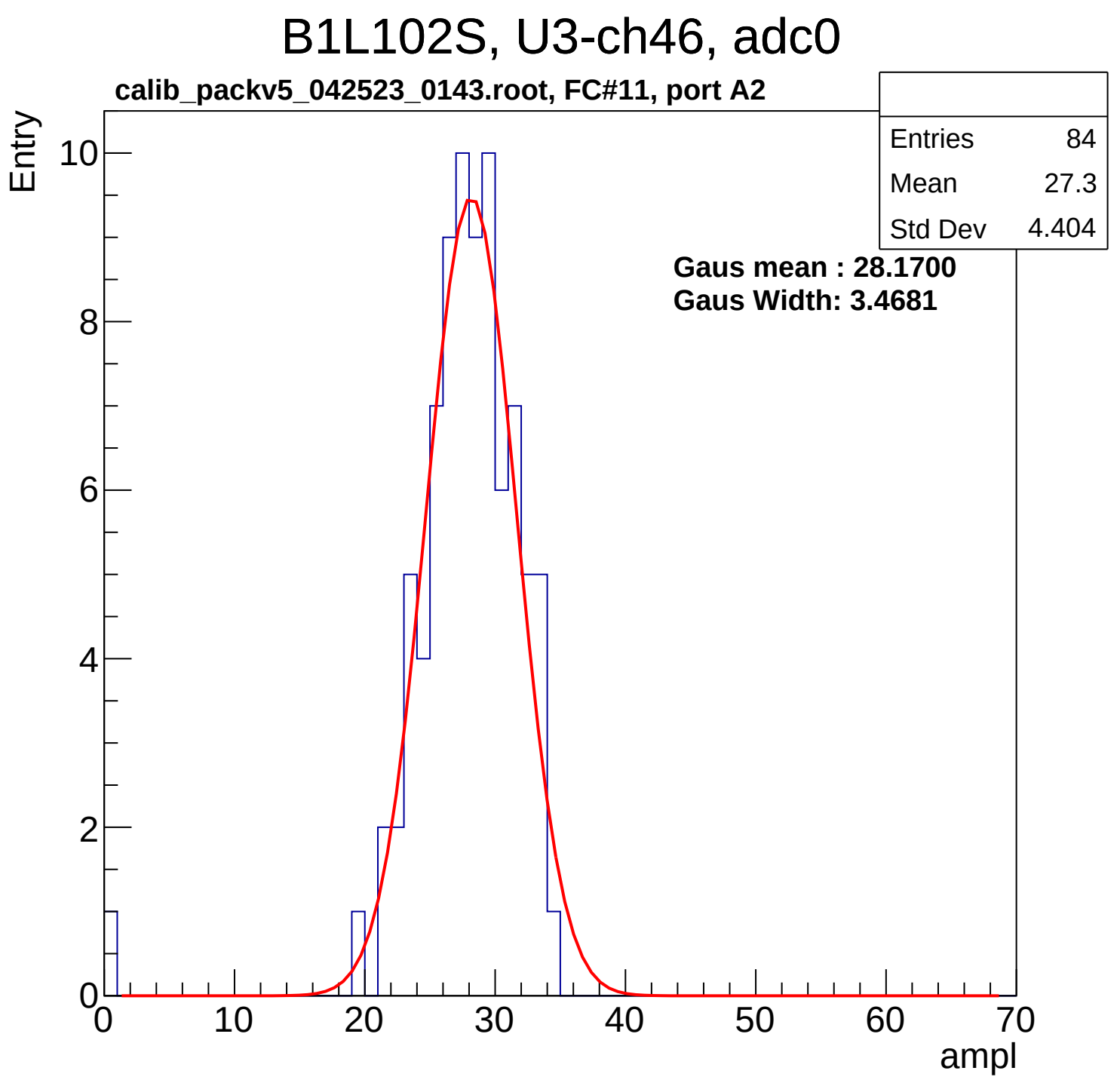
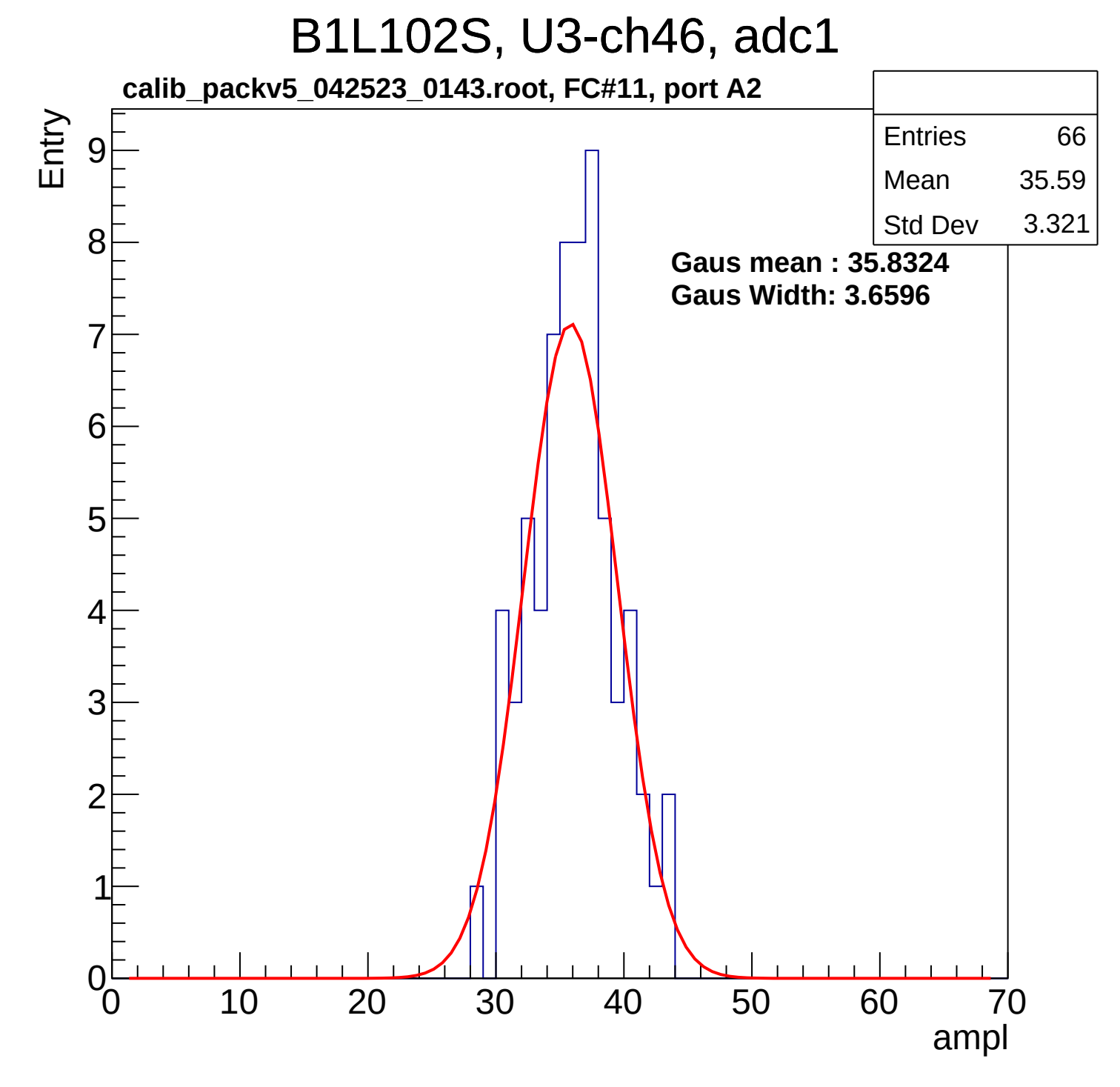
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U3-ch46, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 27.3
Std Dev 4.404
Gaus mean : 28.1700
Gaus Width: 3.4681
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch46, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 35.59
Std Dev 3.321
Gaus mean : 35.8324
Gaus Width: 3.6596
Entry
ampl
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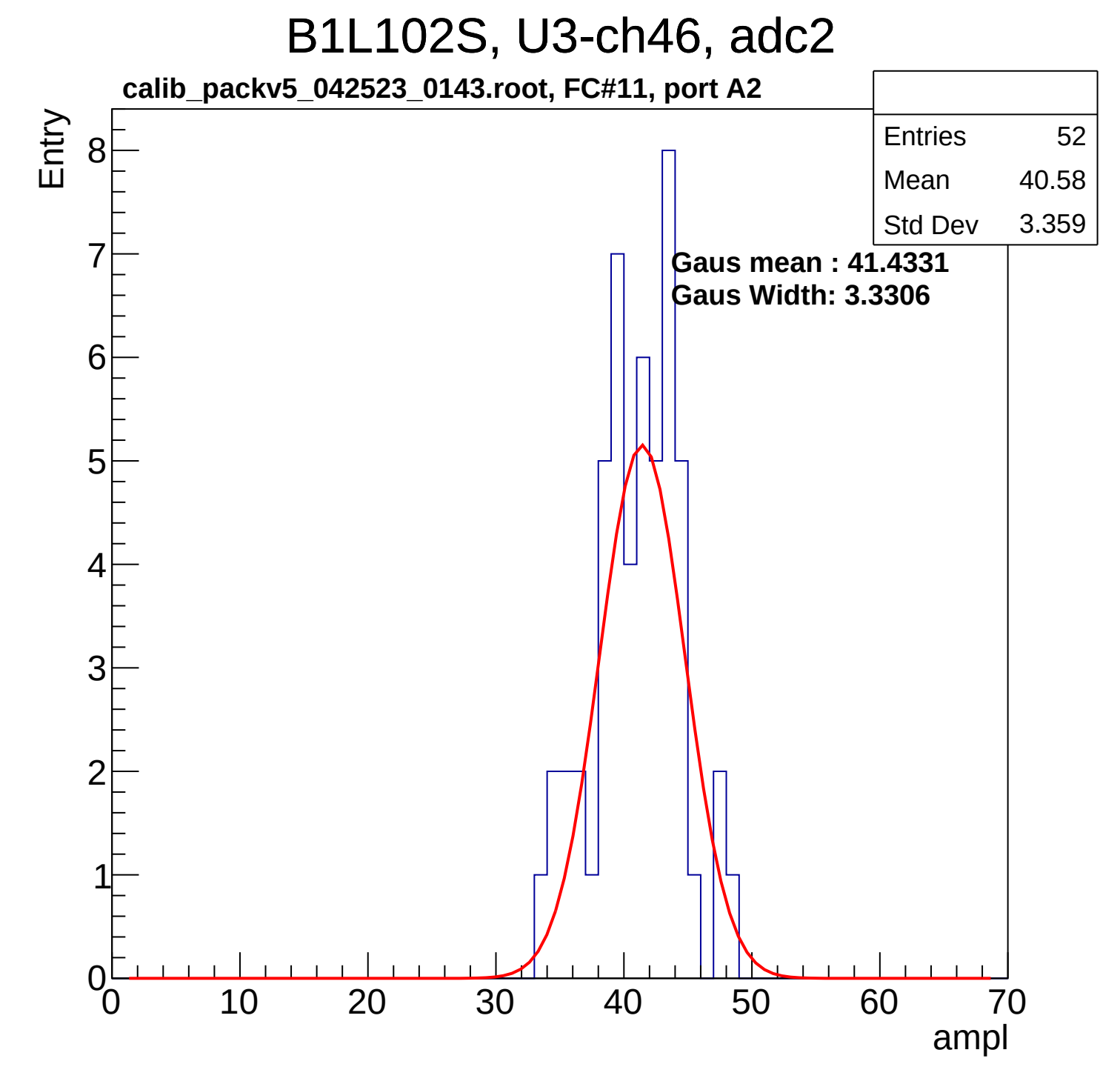
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U3-ch46, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 40.58
Std Dev 3.359
Gaus mean : 41.4331
Gaus Width: 3.3306
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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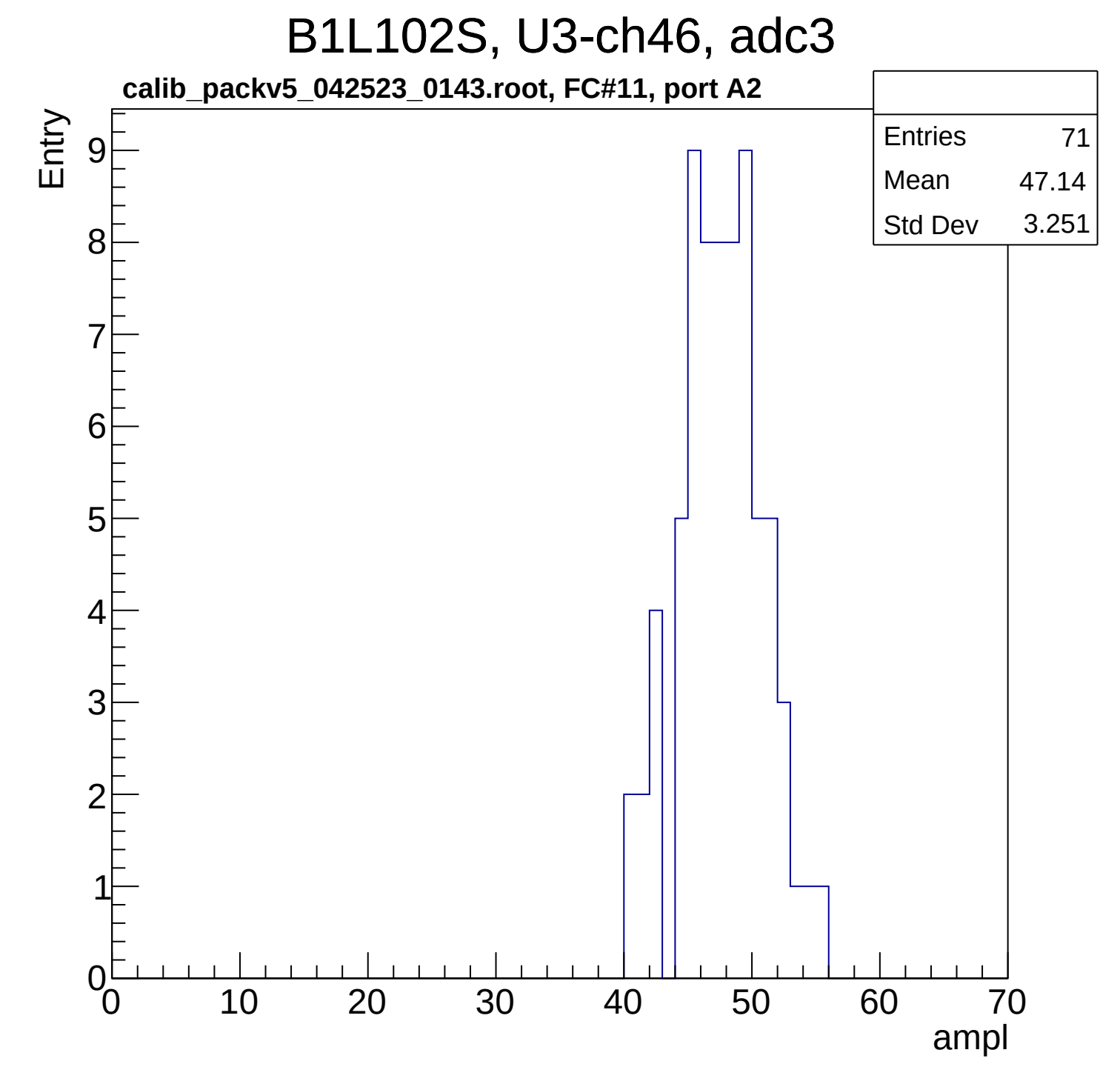
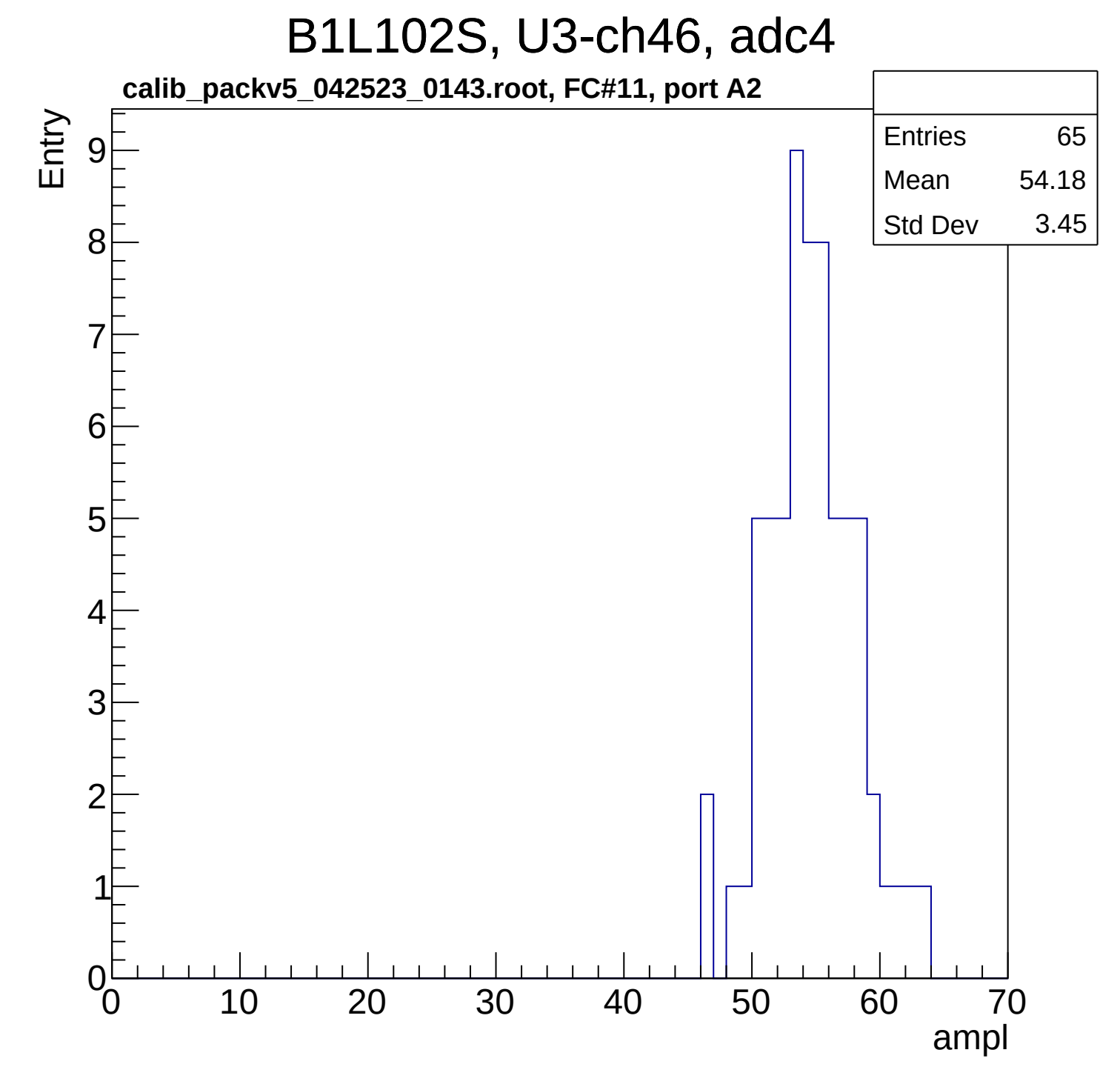

B1L102S, U3-ch46, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 47.14
Std Dev 3.251
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch46, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 54.18
Std Dev 3.45
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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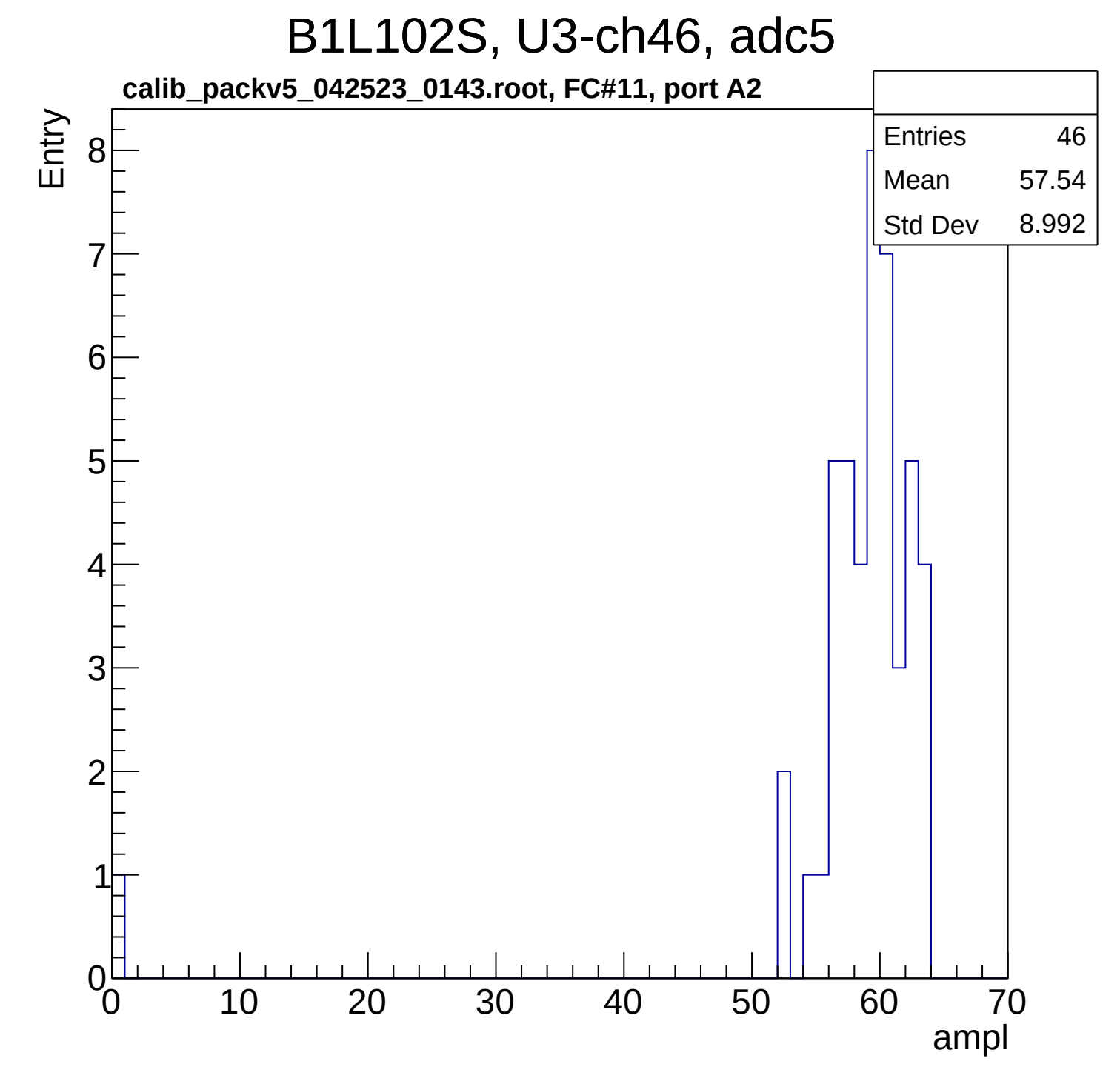
B1L102S, U3-ch46, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 57.54
Std Dev 8.992
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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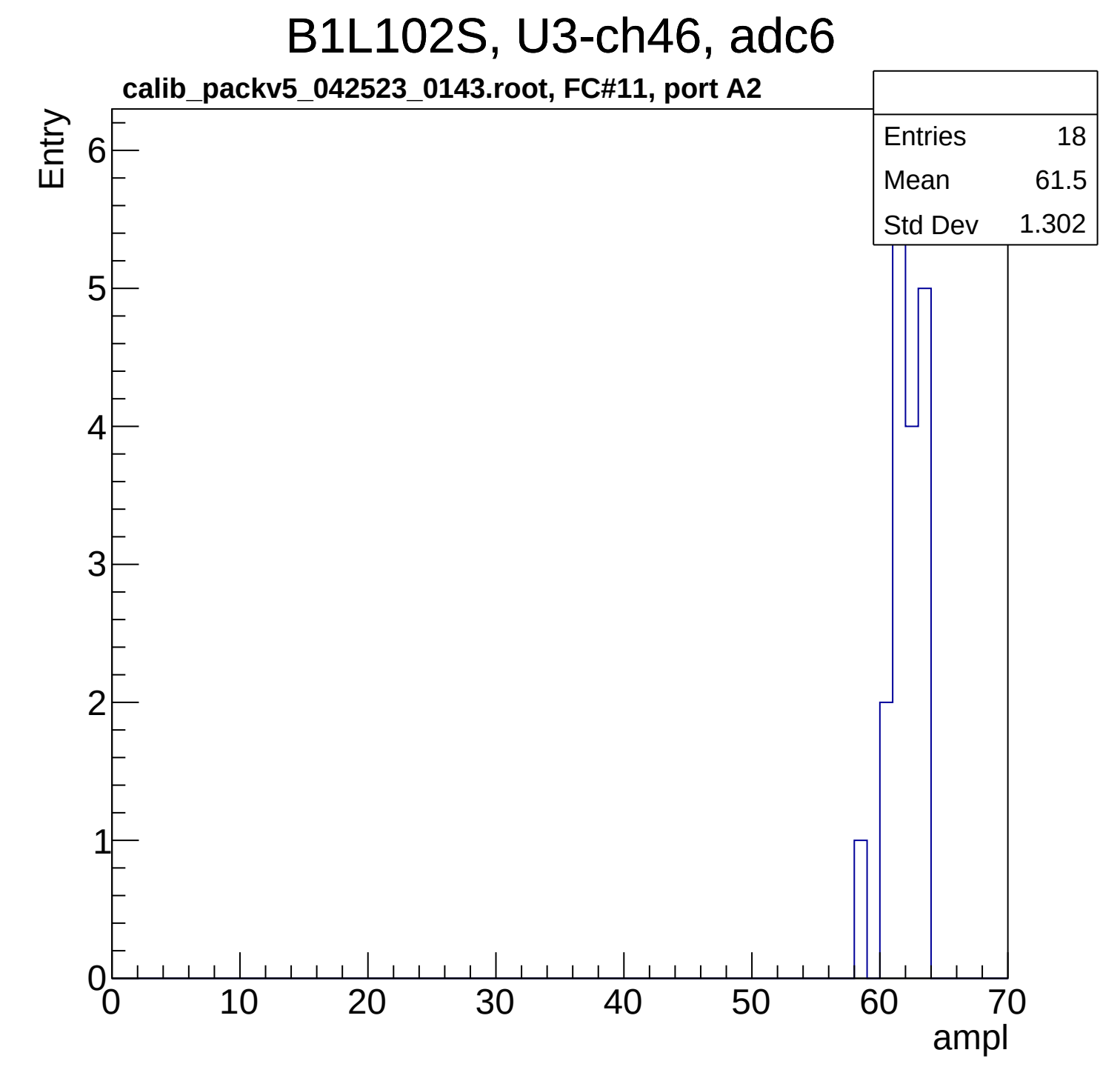
B1L102S, U3-ch46, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 18
Mean 61.5
Std Dev 1.302
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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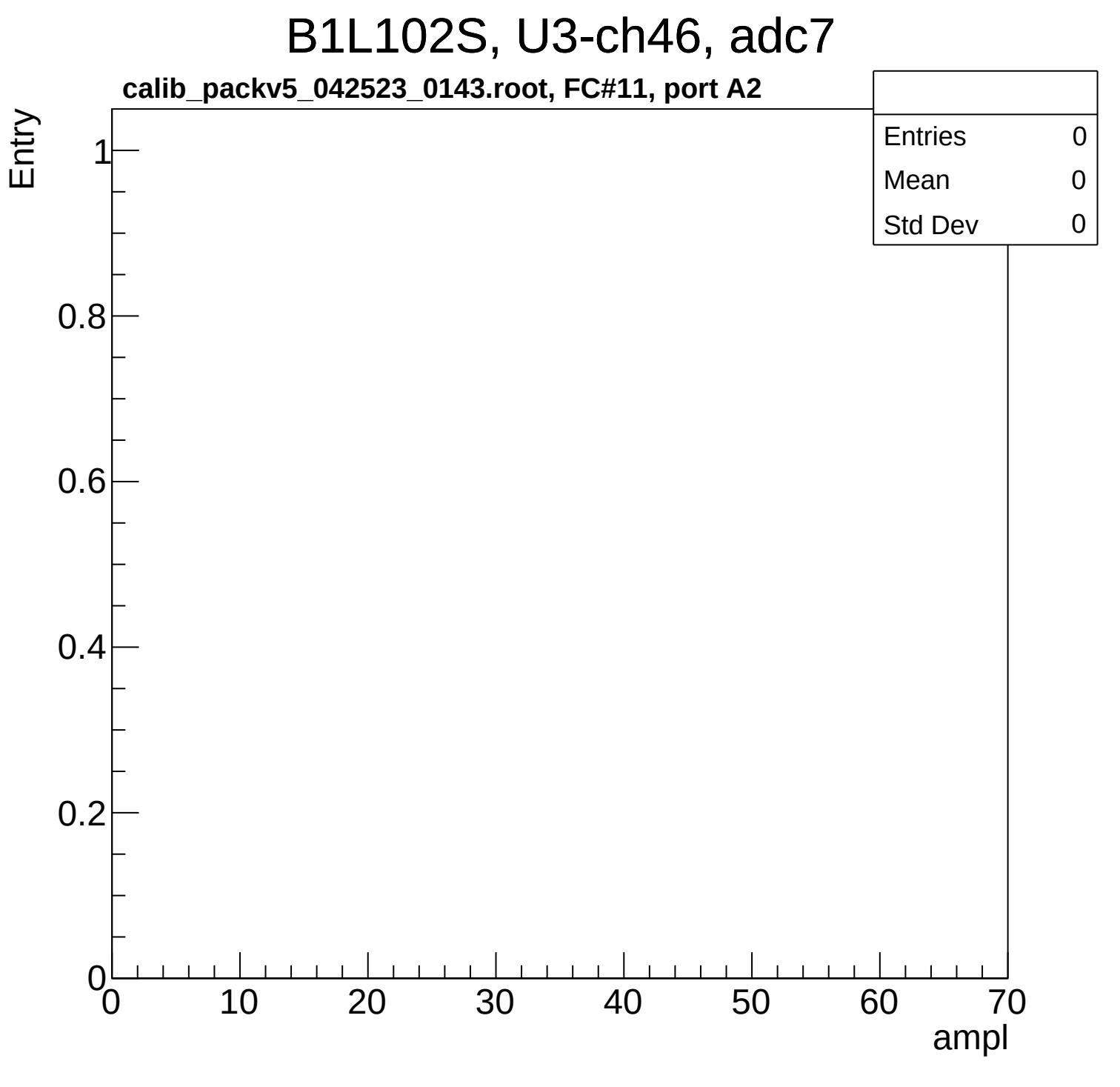
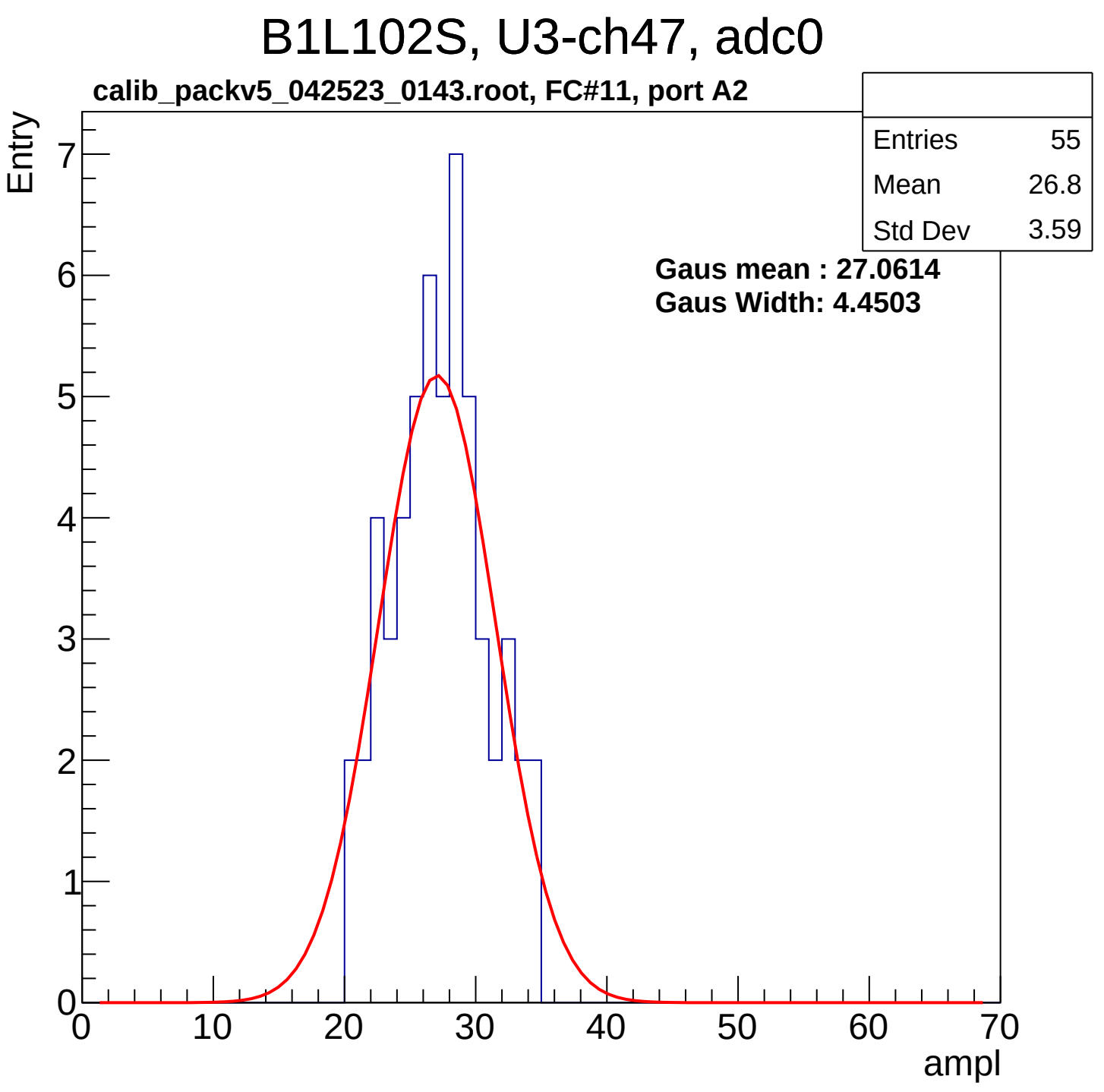

B1L102S, U3-ch46, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch47, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 26.8
Std Dev 3.59
Gaus mean : 27.0614
Gaus Width: 4.4503
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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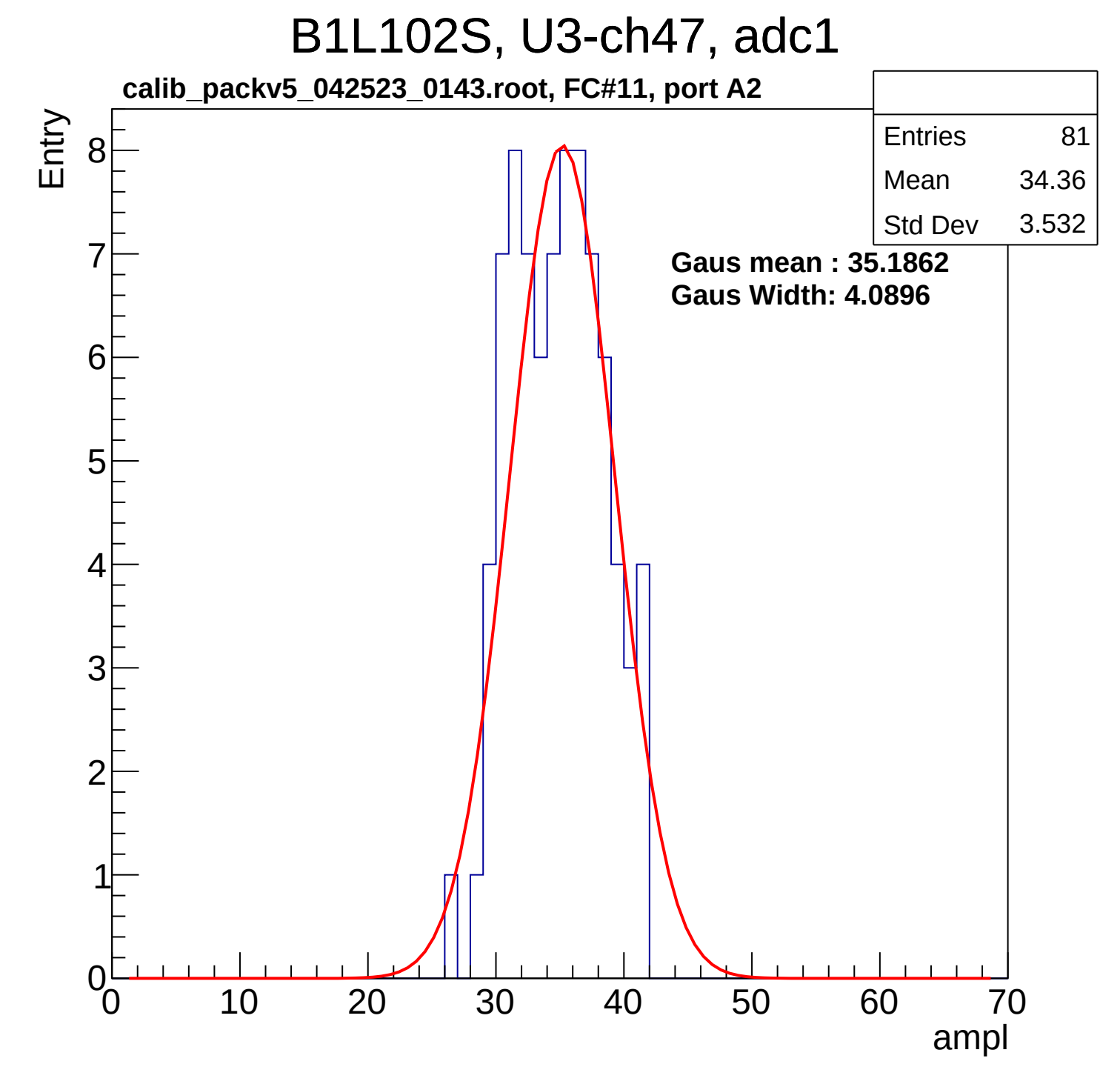
B1L102S, U3-ch47, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 34.36
Std Dev 3.532
Gaus mean : 35.1862
Gaus Width: 4.0896
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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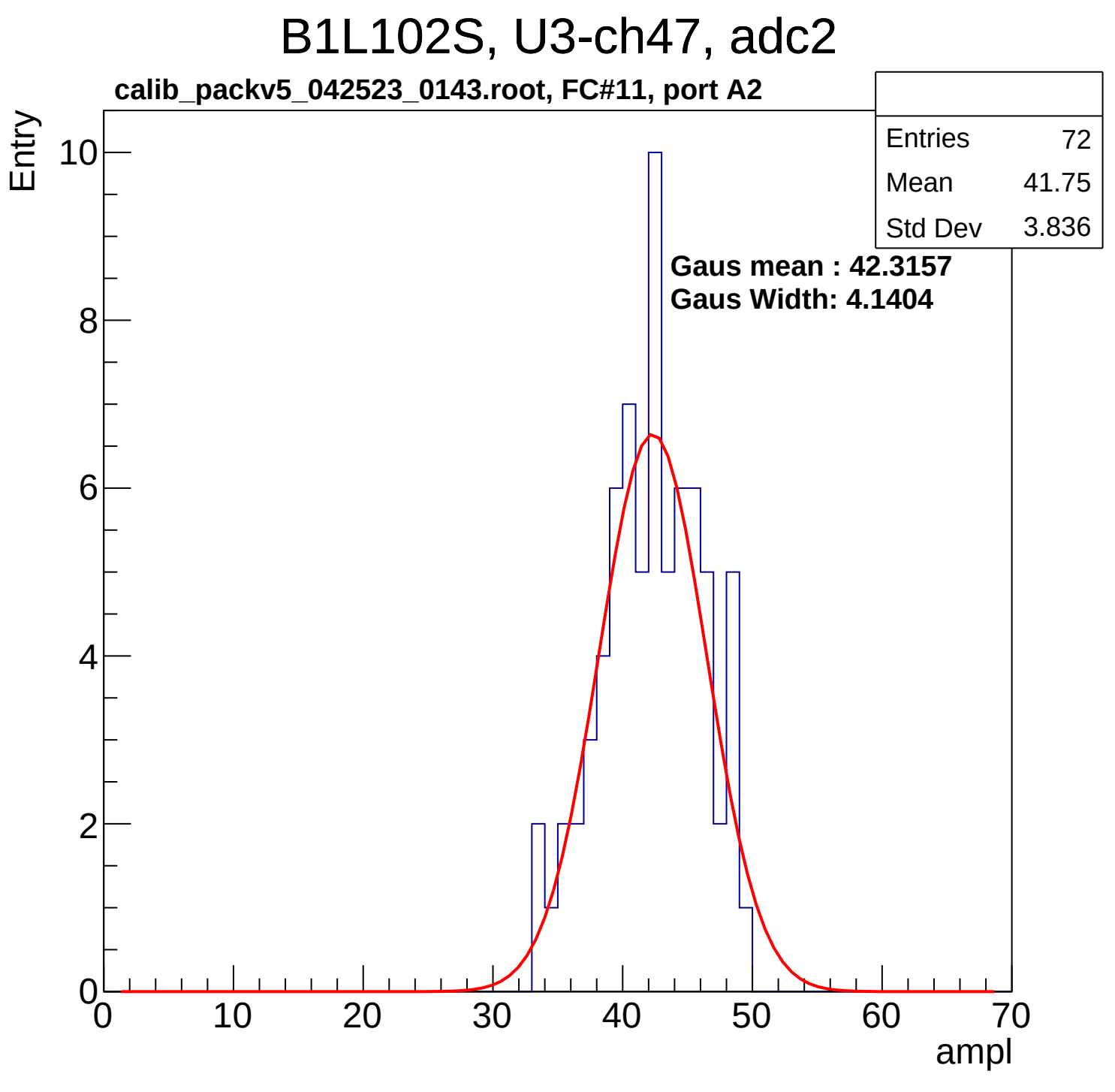
B1L102S, U3-ch47, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 41.75
Std Dev 3.836
Gaus mean : 42.3157
Gaus Width: 4.1404
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
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60
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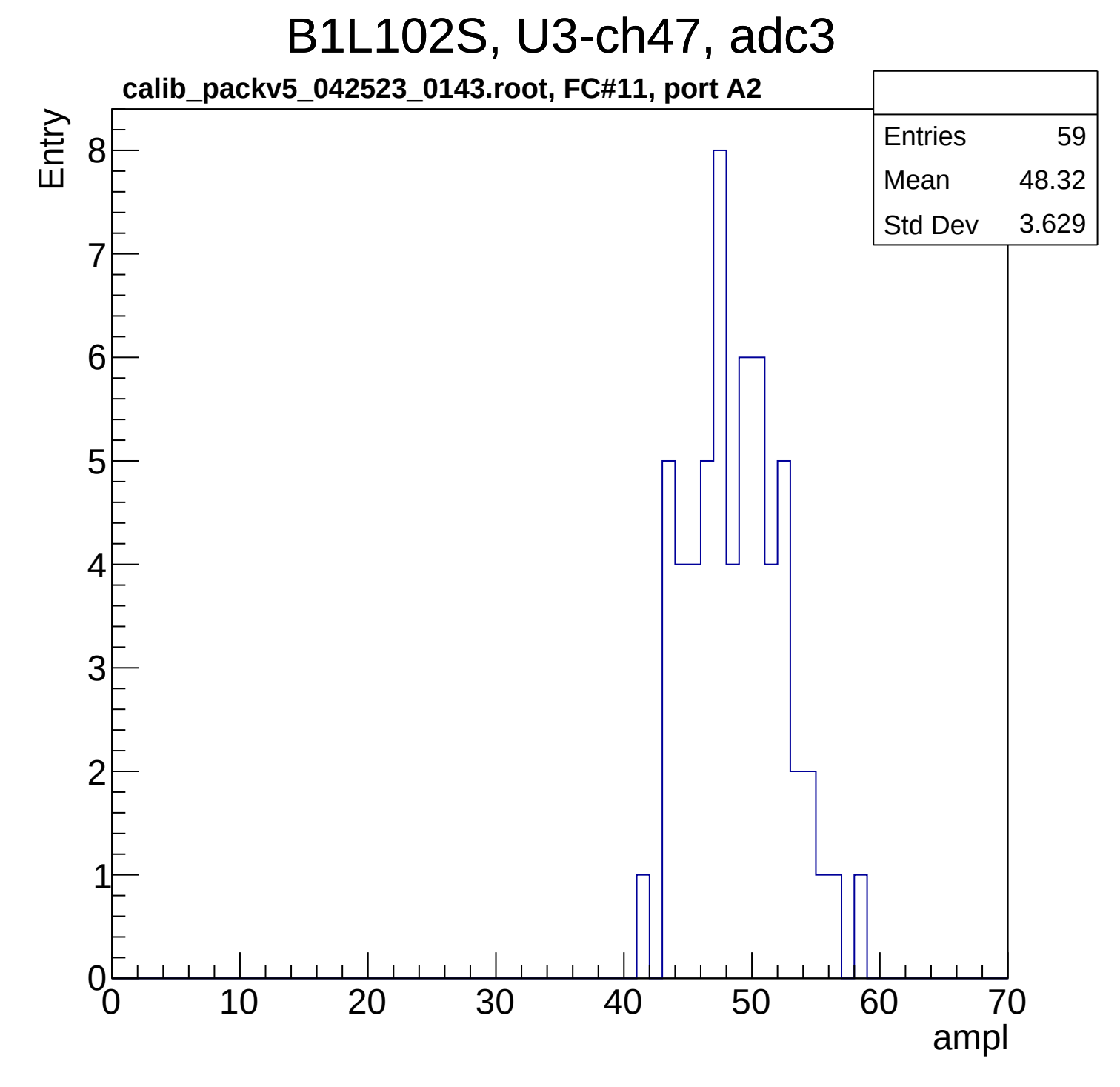
B1L102S, U3-ch47, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 48.32
Std Dev 3.629
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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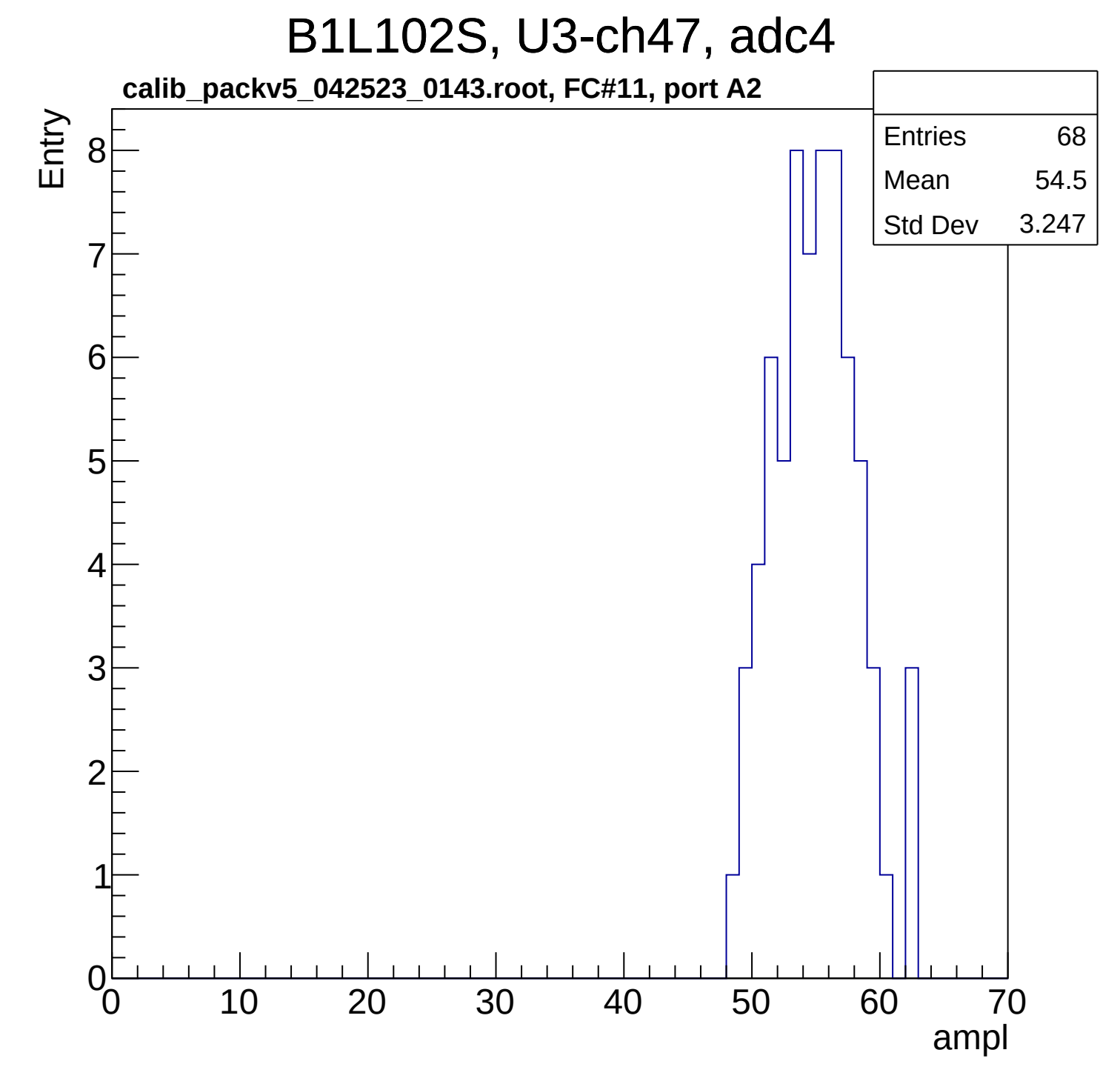
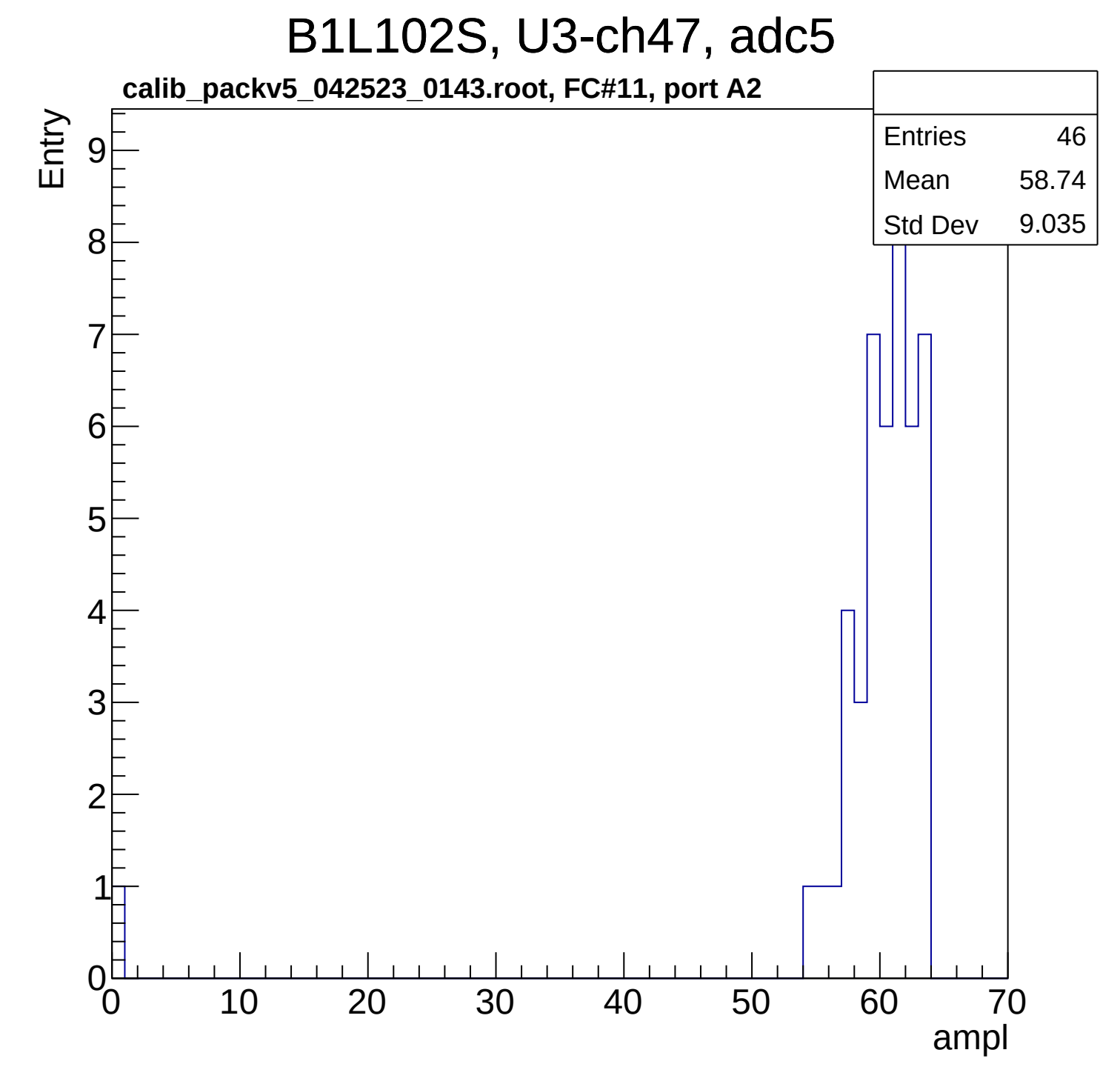

B1L102S, U3-ch47, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 54.5
Std Dev 3.247
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch47, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 58.74
Std Dev 9.035
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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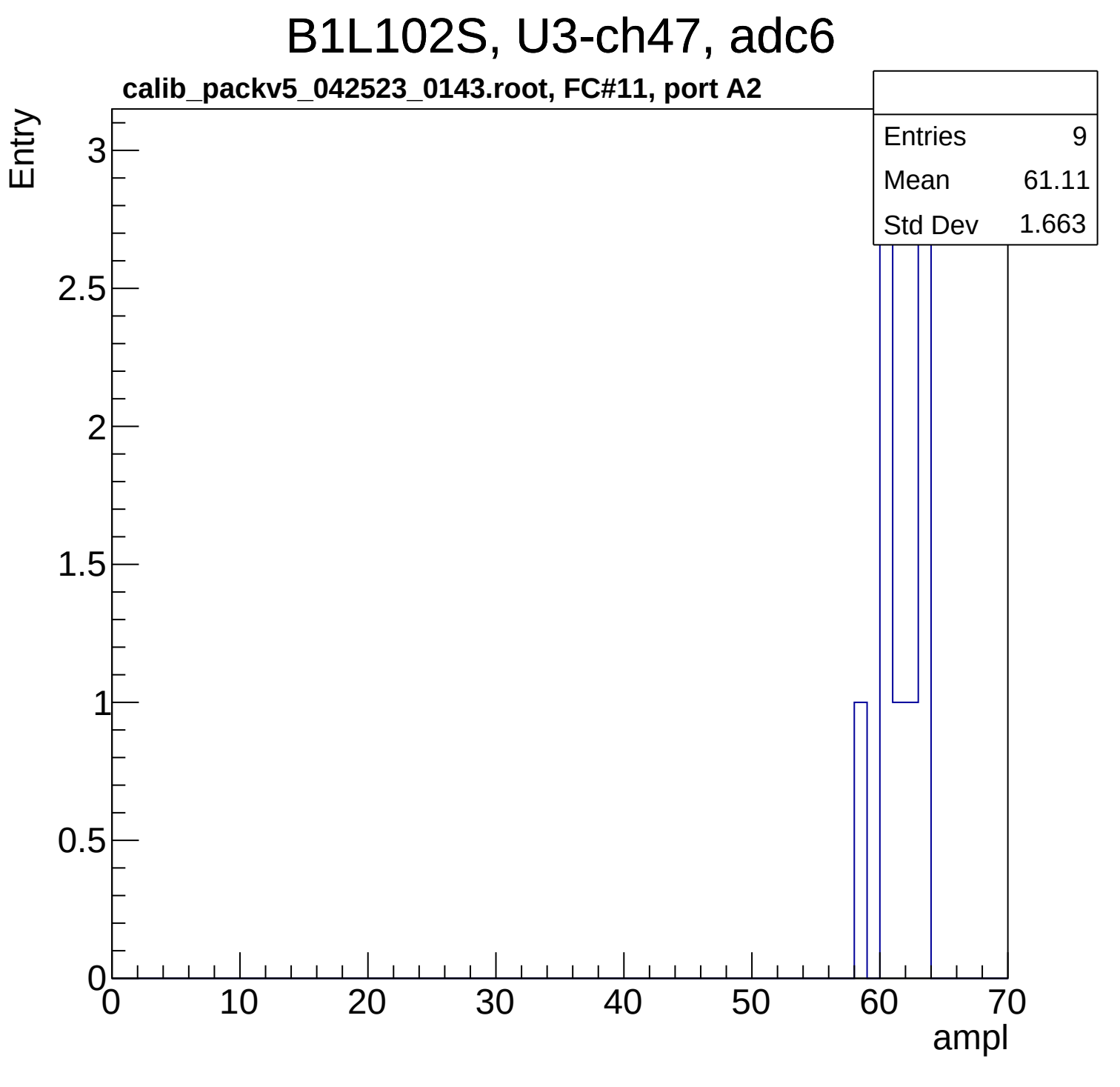
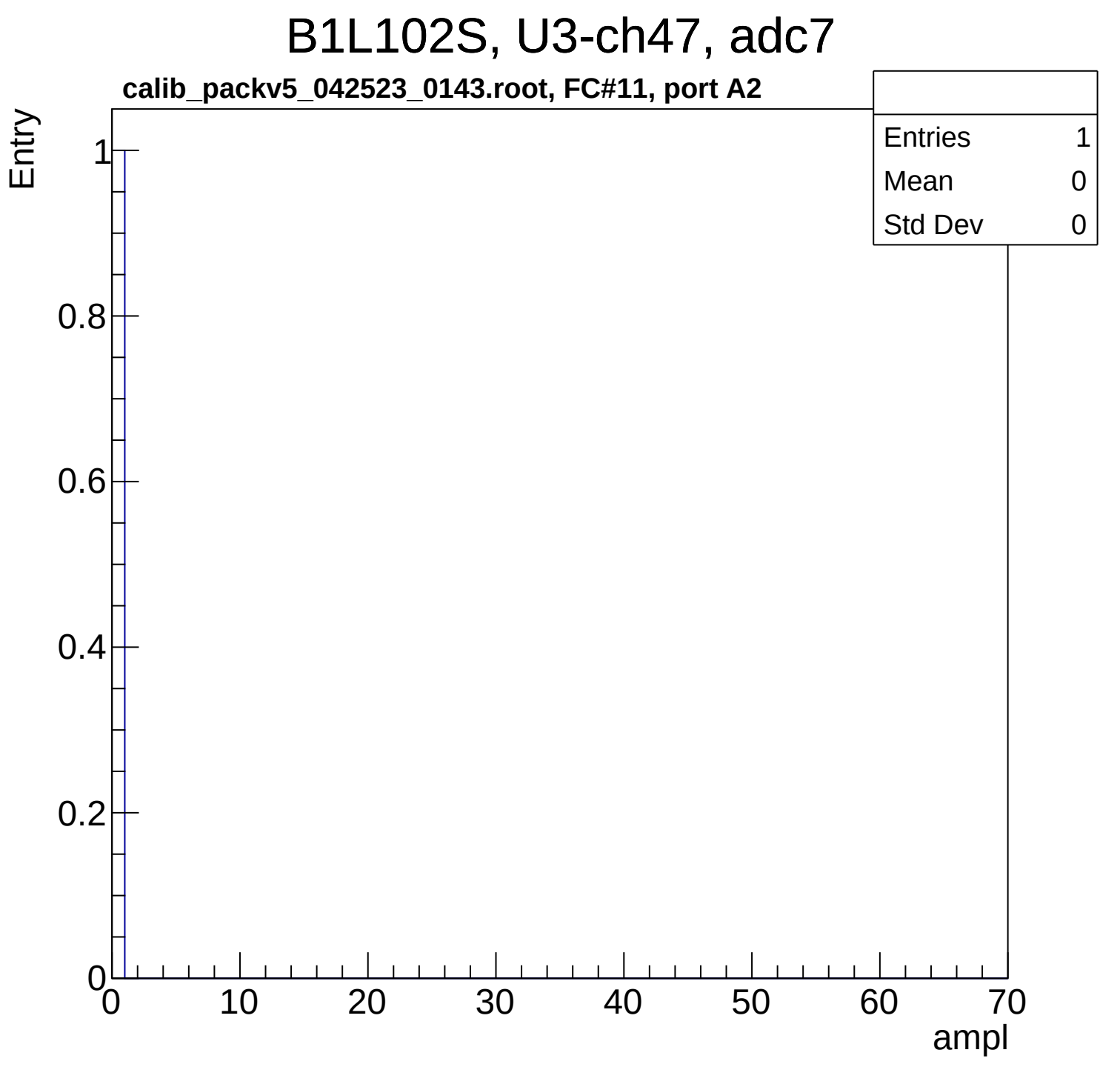
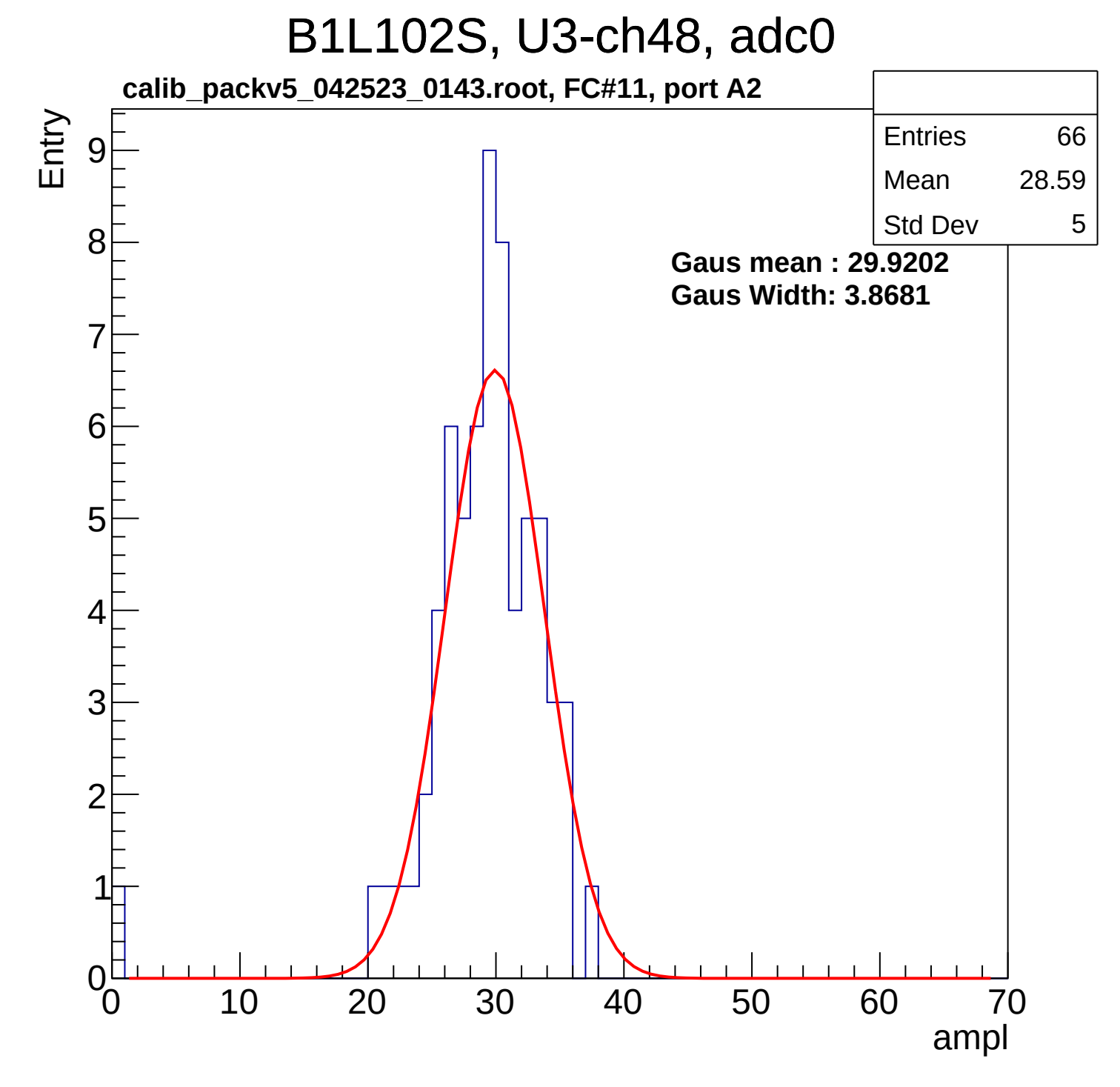
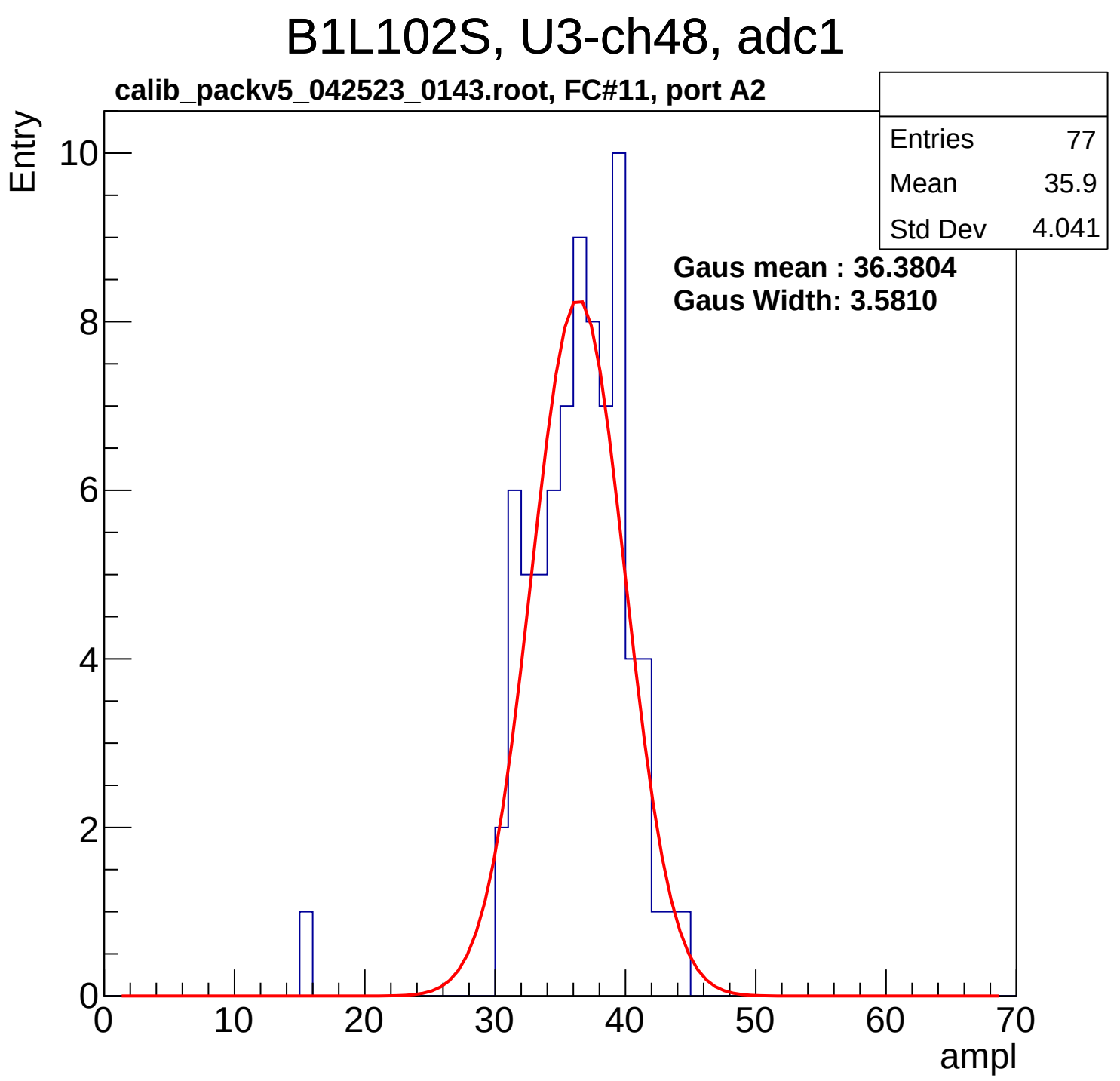
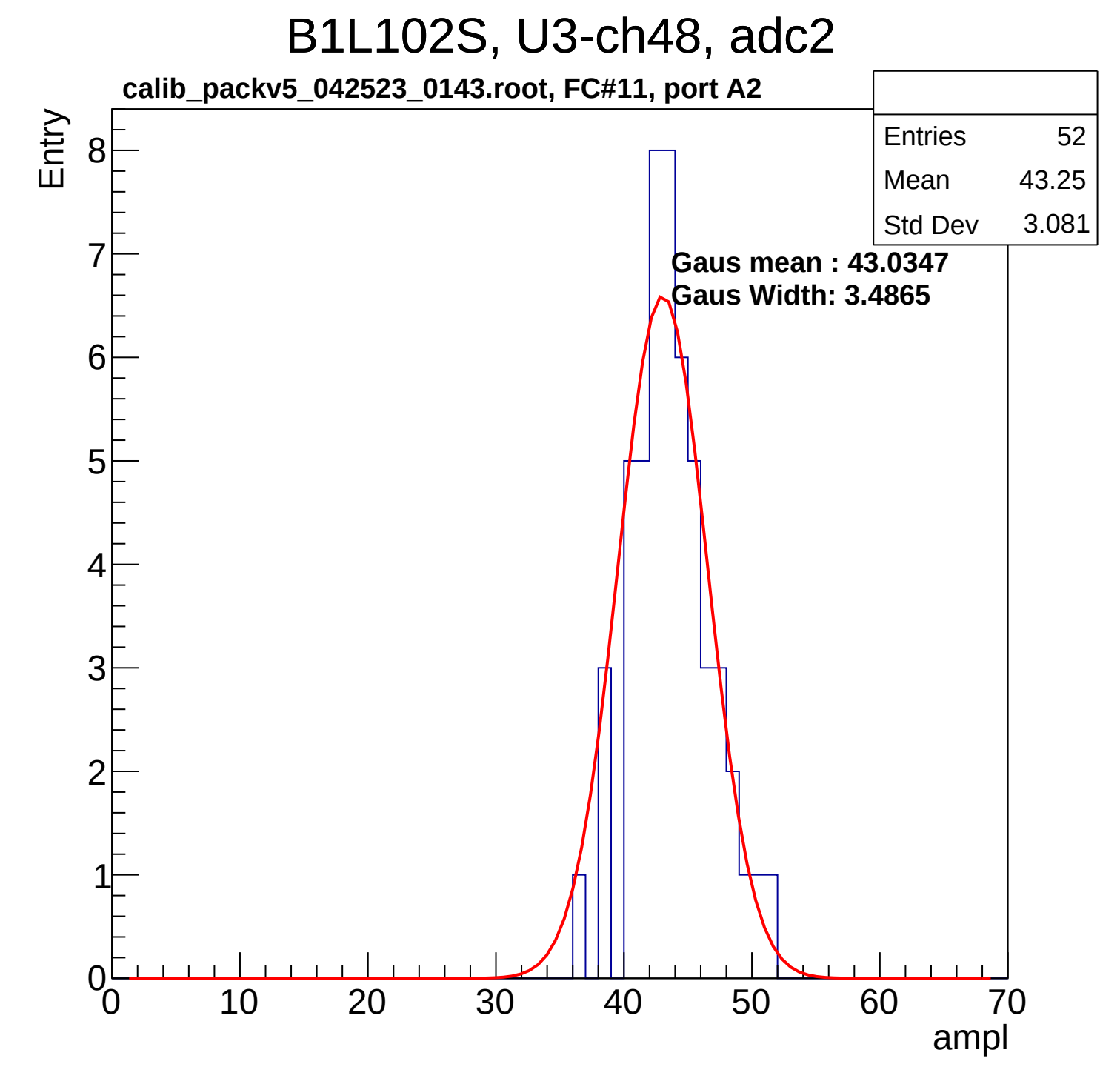
40
50
60
70


B1L102S, U3-ch47, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.11
Std Dev 1.663
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch47, 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, U3-ch48, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 28.59
Std Dev 5
Gaus mean : 29.9202
Gaus Width: 3.8681
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch48, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 35.9
Std Dev 4.041
Gaus mean : 36.3804
Gaus Width: 3.5810
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch48, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 43.25
Std Dev 3.081
Gaus mean : 43.0347
Gaus Width: 3.4865
Entry
ampl
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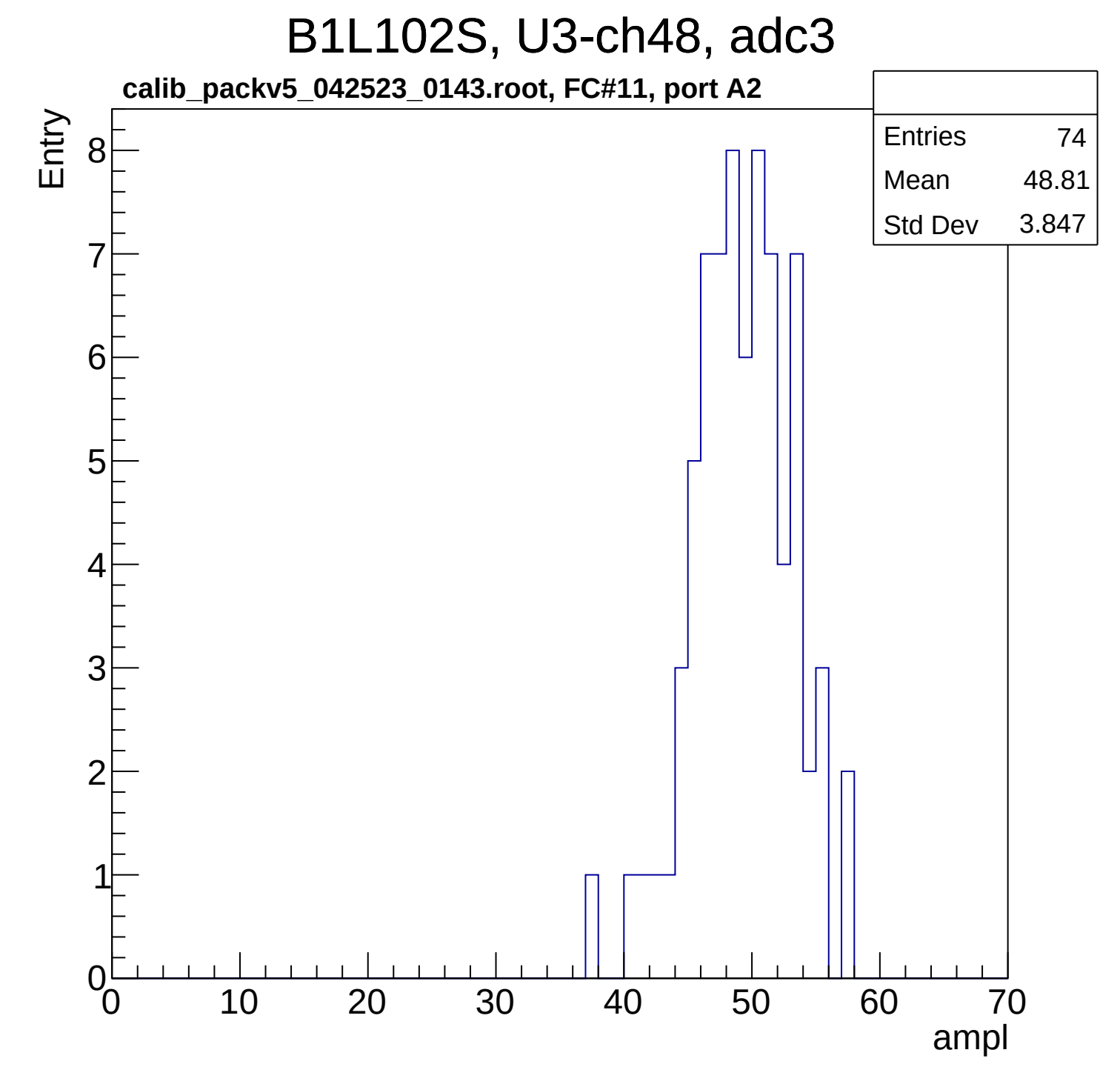
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch48, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 48.81
Std Dev 3.847
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
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60
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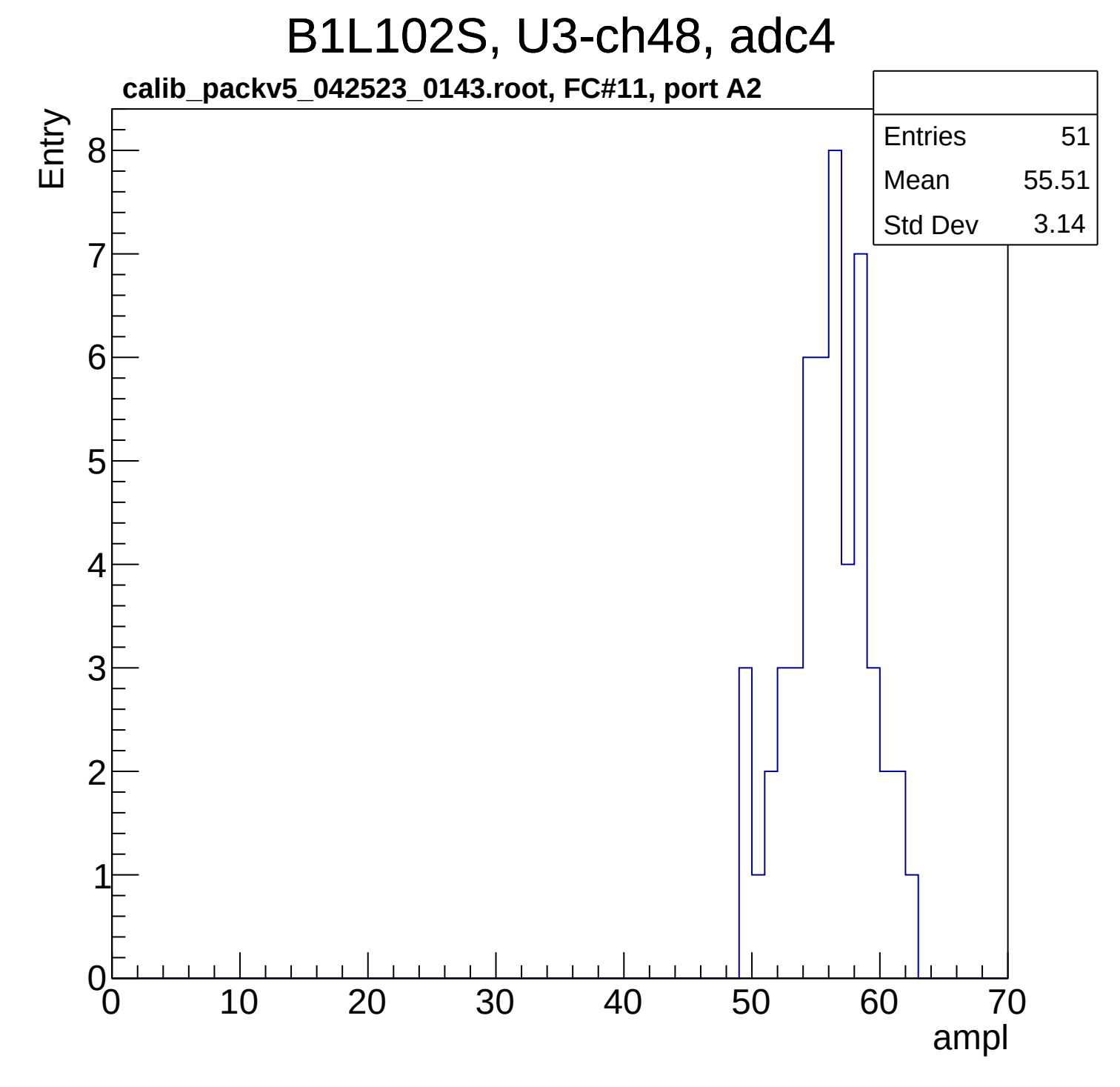
B1L102S, U3-ch48, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 55.51
Std Dev 3.14
Entry
ampl
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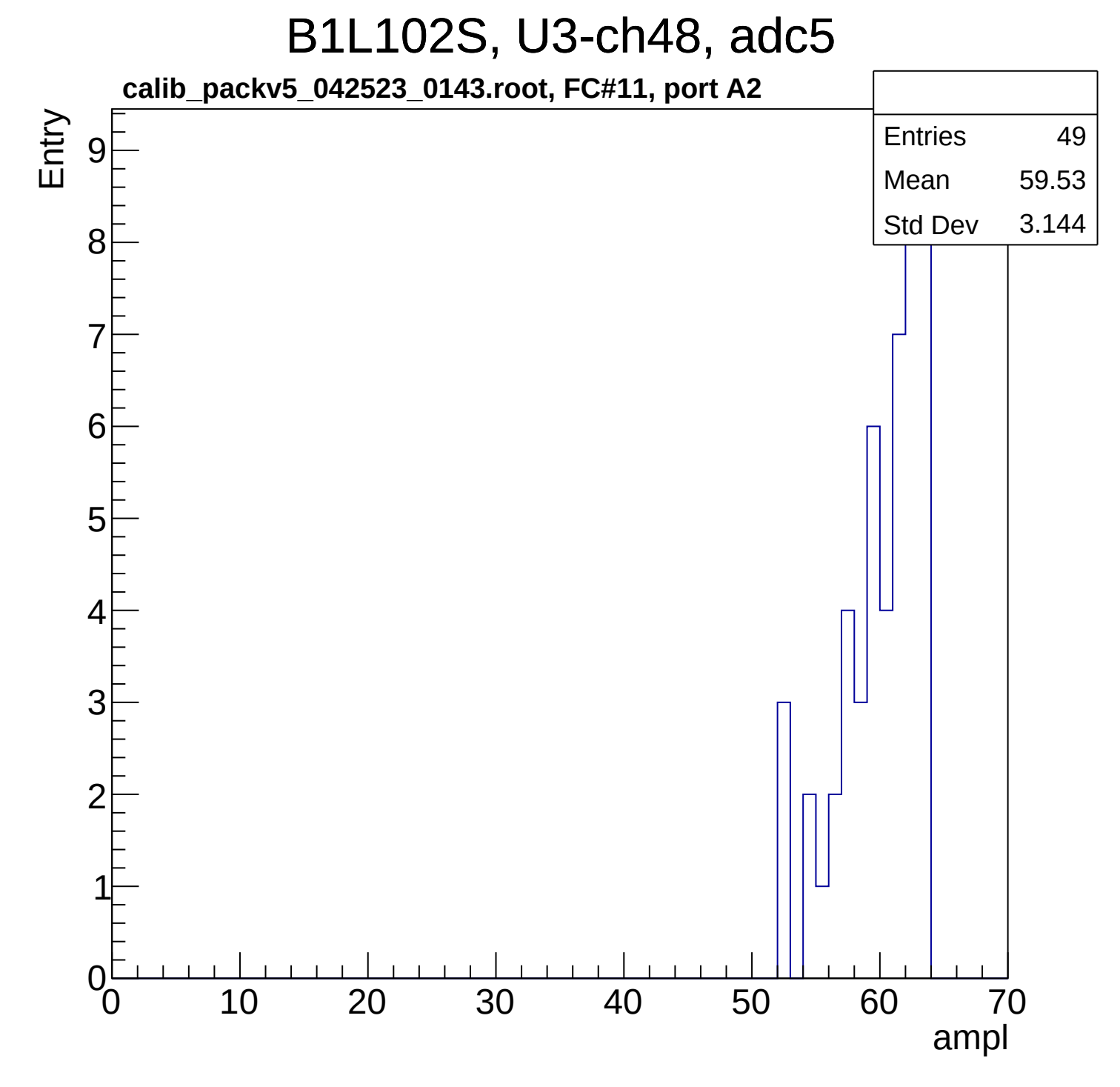
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch48, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 59.53
Std Dev 3.144
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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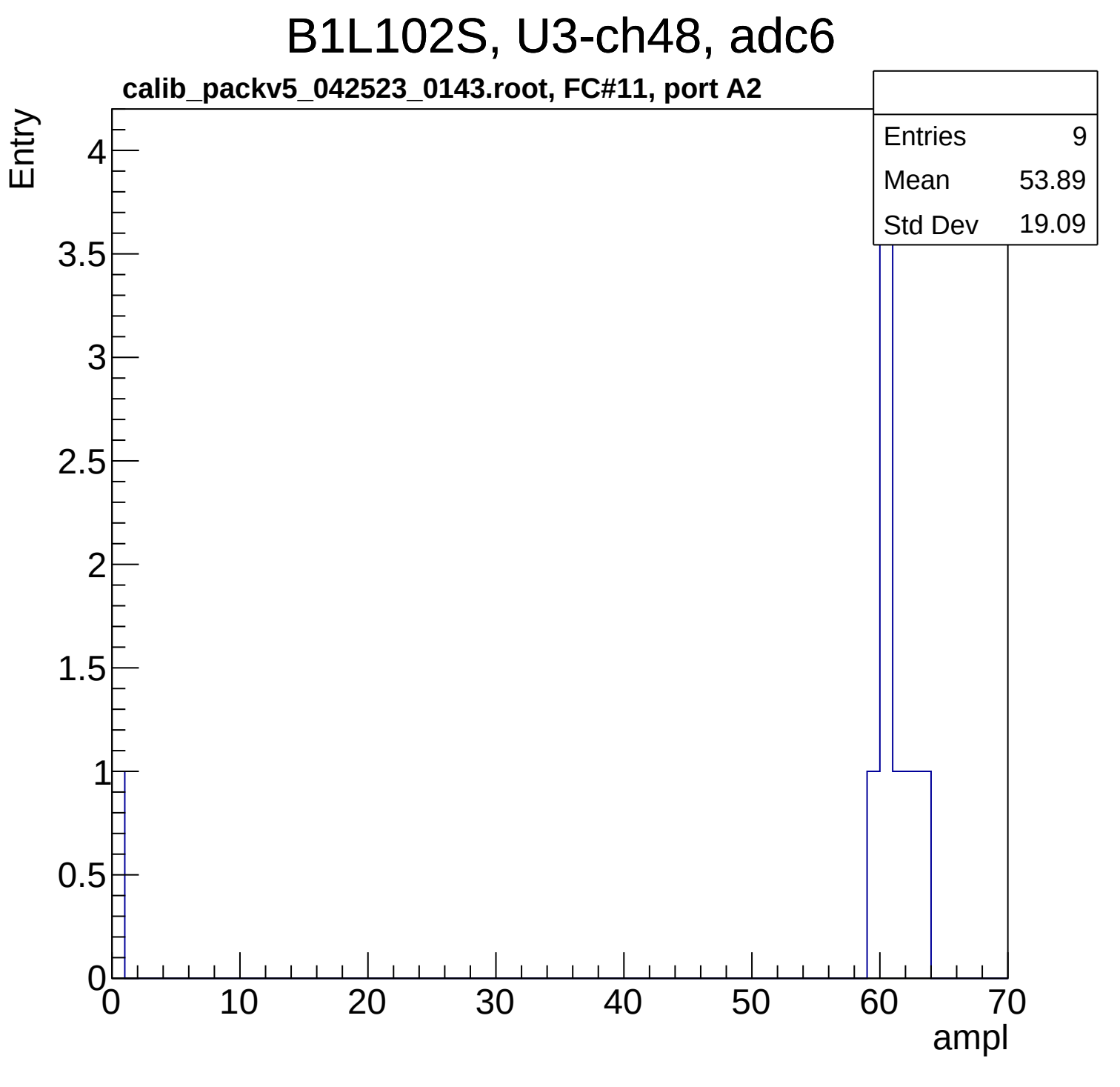
B1L102S, U3-ch48, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 53.89
Std Dev 19.09
Entry
ampl
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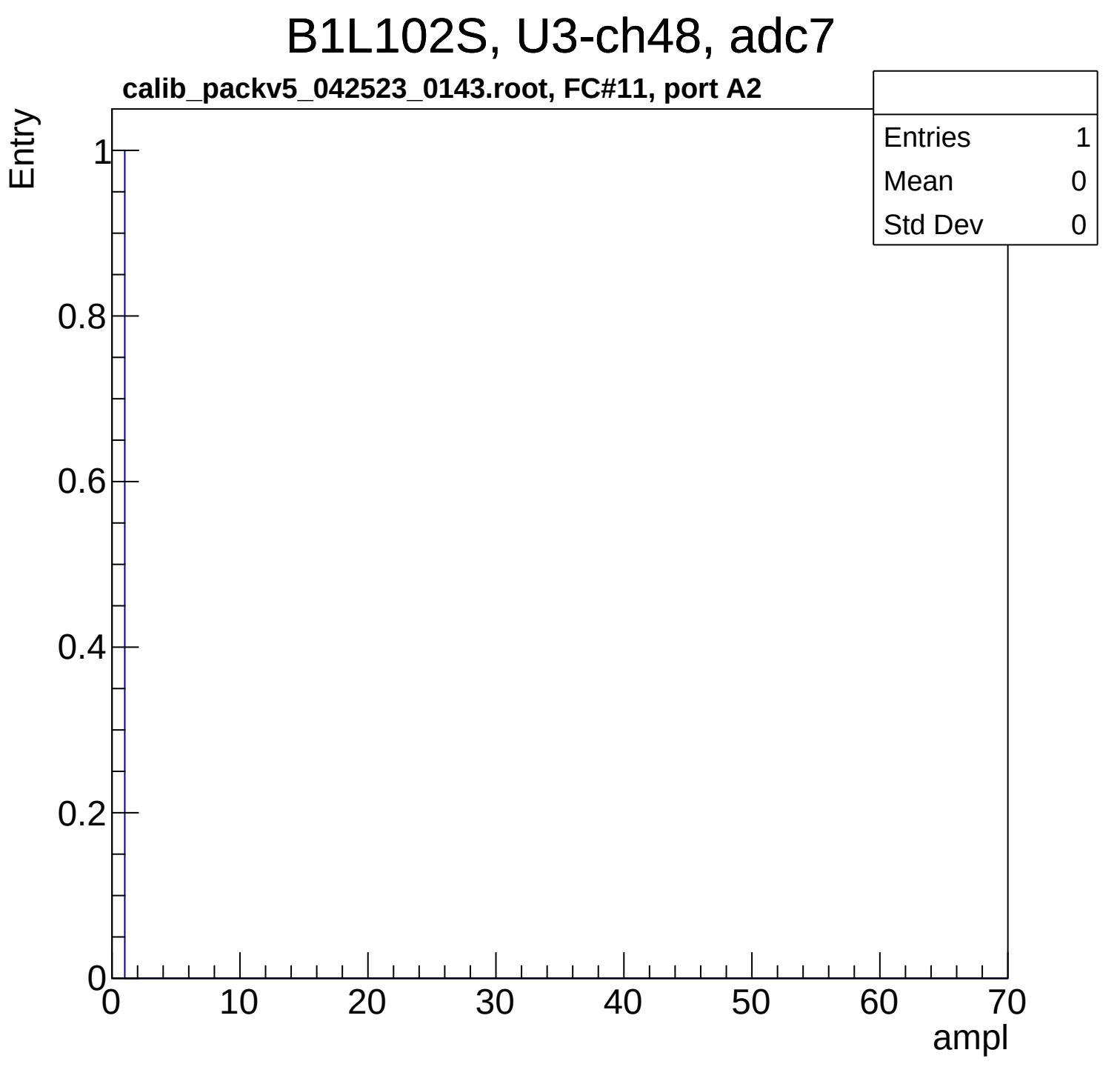
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch48, 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
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0
0
10
20
30
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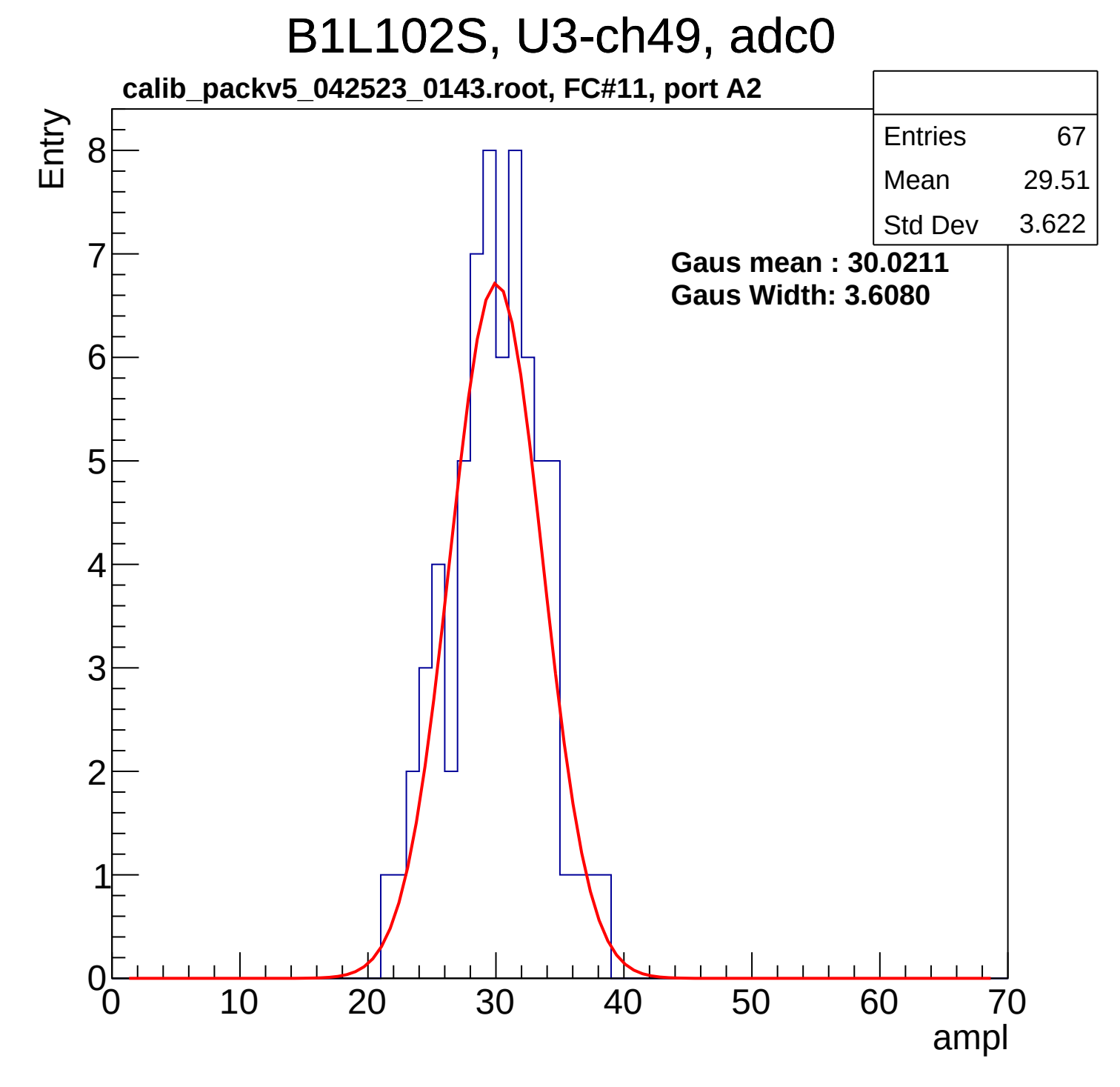
50
60
70
ampl


B1L102S, U3-ch49, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 29.51
Std Dev 3.622
Gaus mean : 30.0211
Gaus Width: 3.6080
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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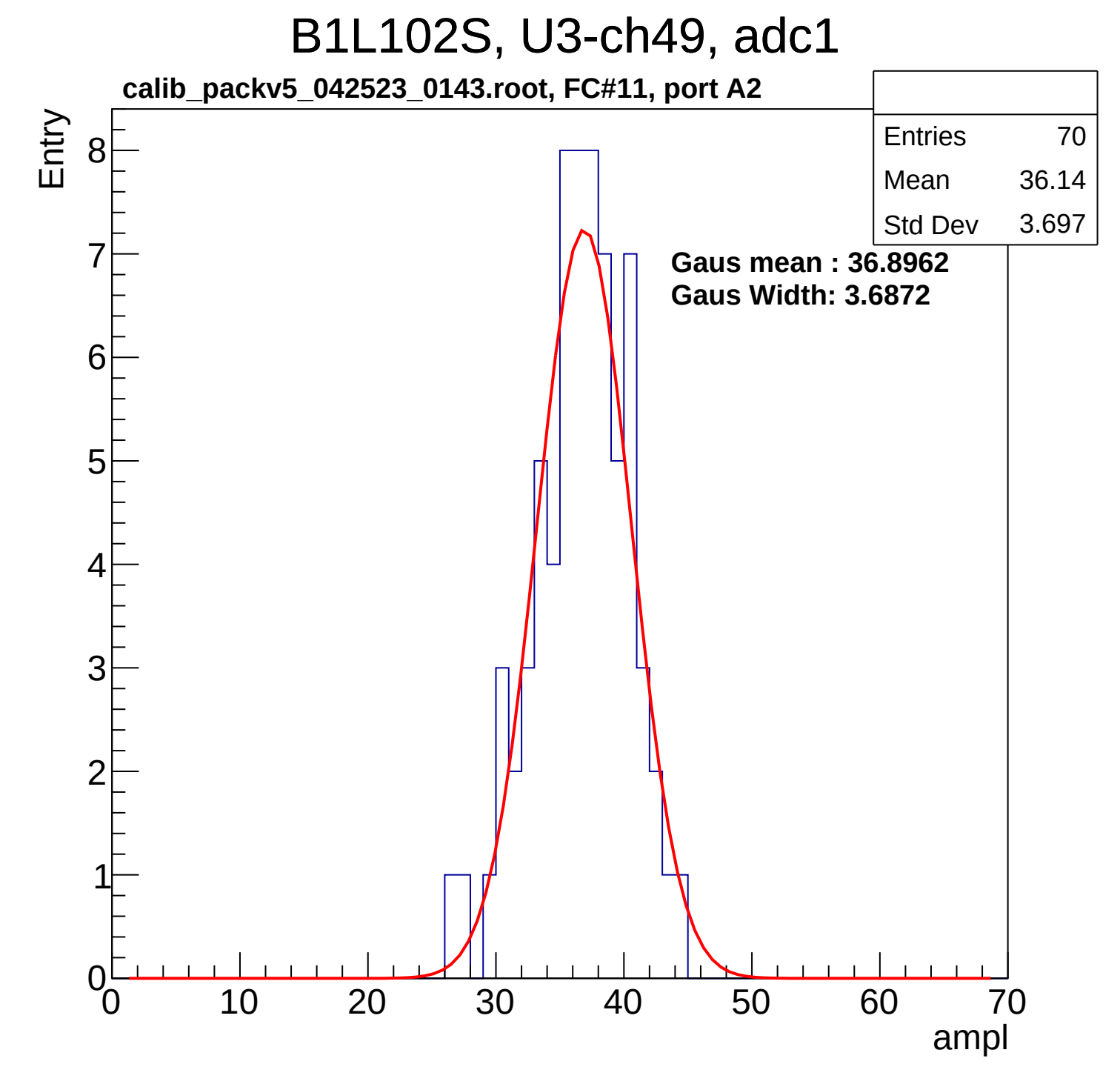
B1L102S, U3-ch49, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 36.14
Std Dev 3.697
Gaus mean : 36.8962
Gaus Width: 3.6872
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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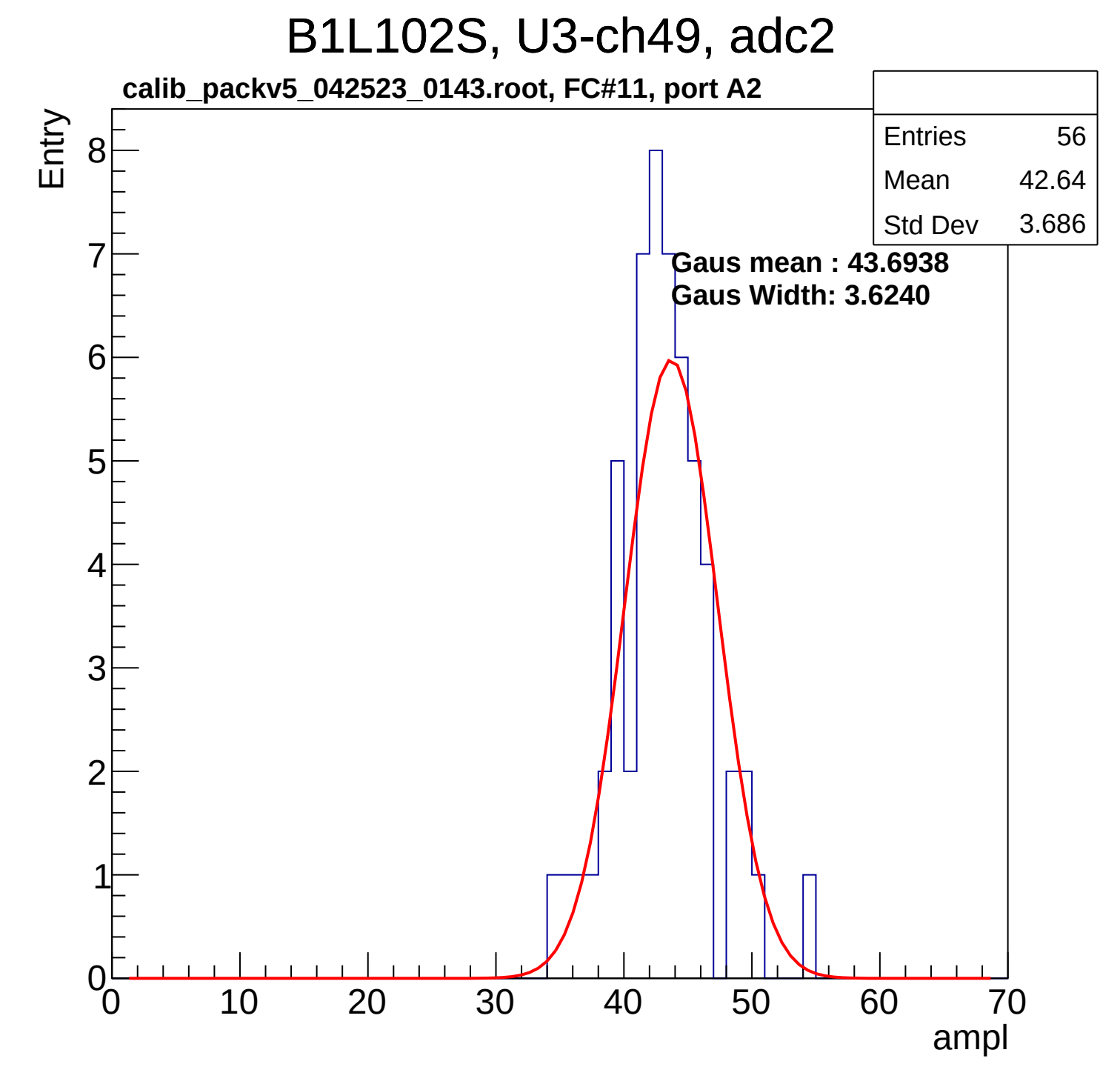
40
50
60
70


B1L102S, U3-ch49, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 42.64
Std Dev 3.686
Gaus mean : 43.6938
Gaus Width: 3.6240
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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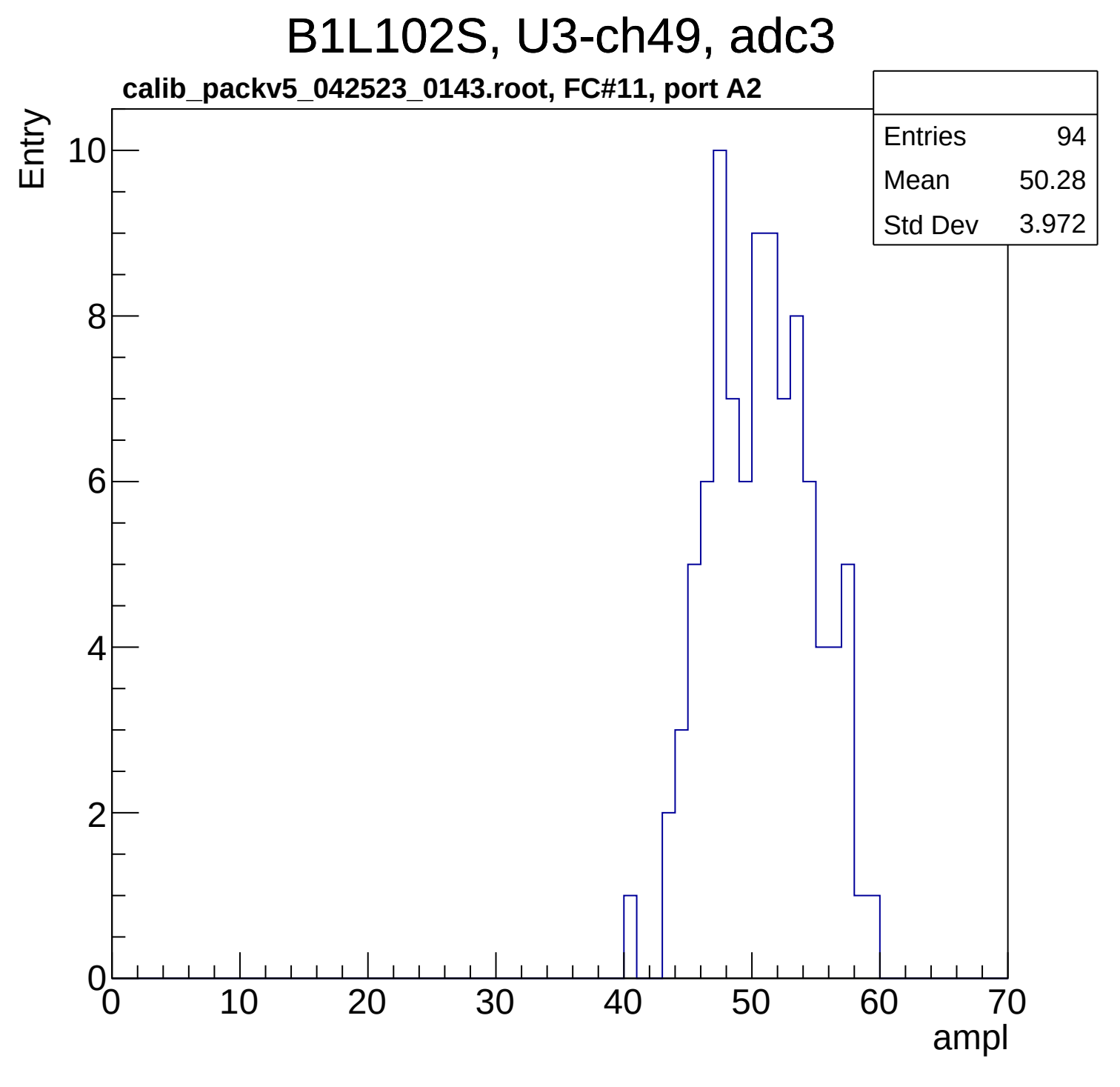
B1L102S, U3-ch49, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 94
Mean 50.28
Std Dev 3.972
Entry
ampl
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4
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10
0
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20
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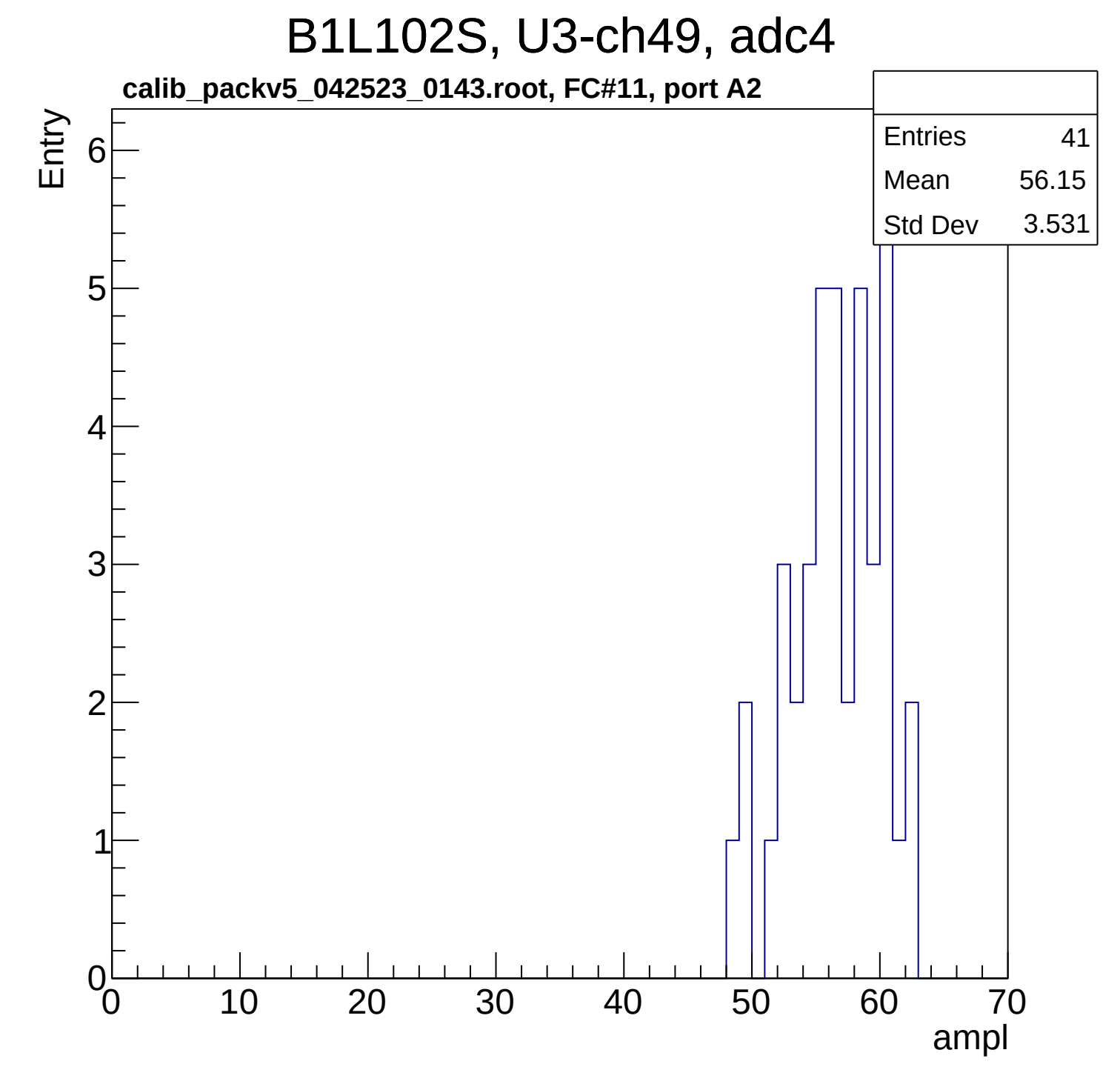
40
50
60
70


B1L102S, U3-ch49, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 56.15
Std Dev 3.531
Entry
ampl
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3
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0
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60
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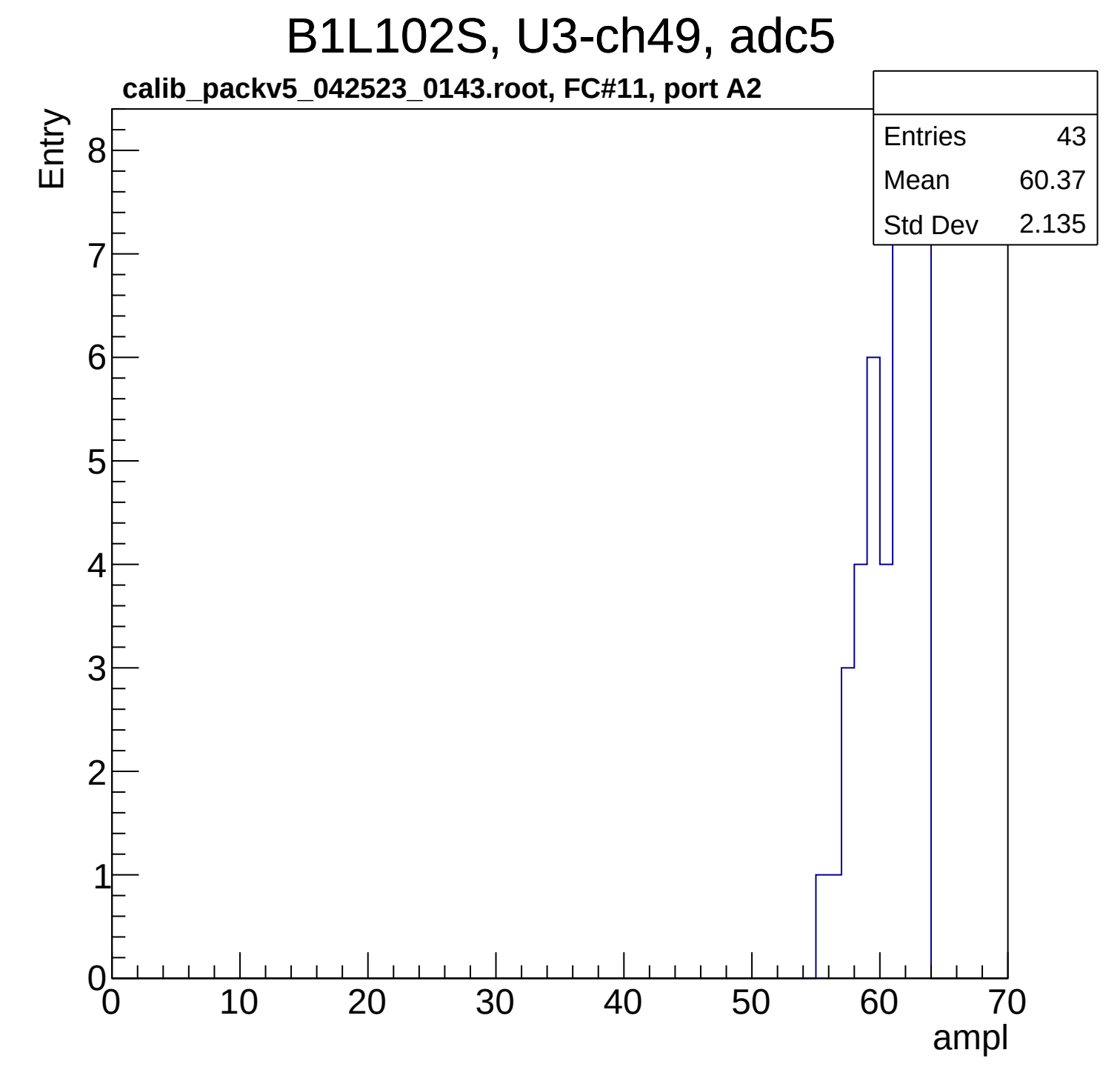
B1L102S, U3-ch49, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 60.37
Std Dev 2.135
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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60
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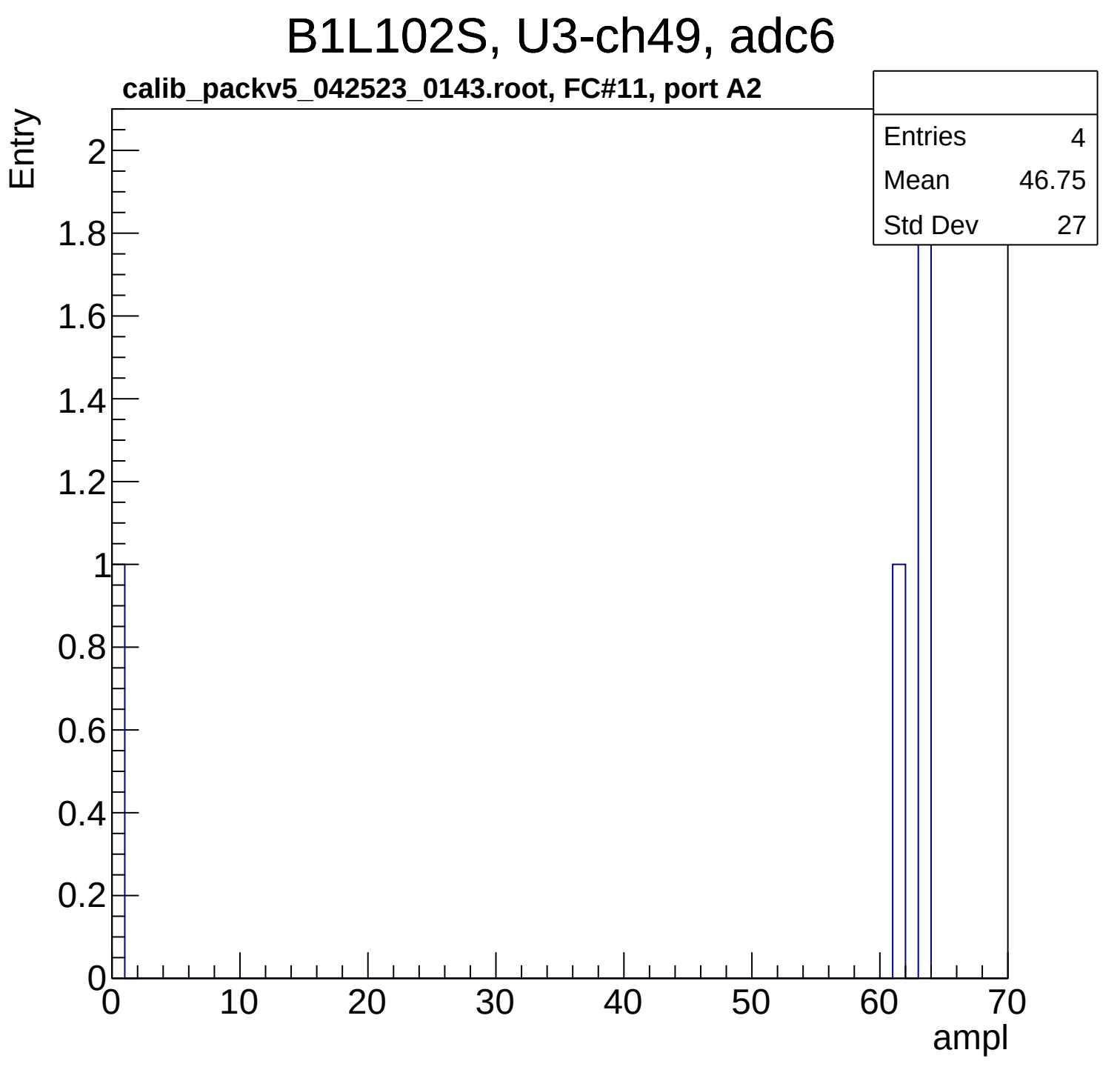
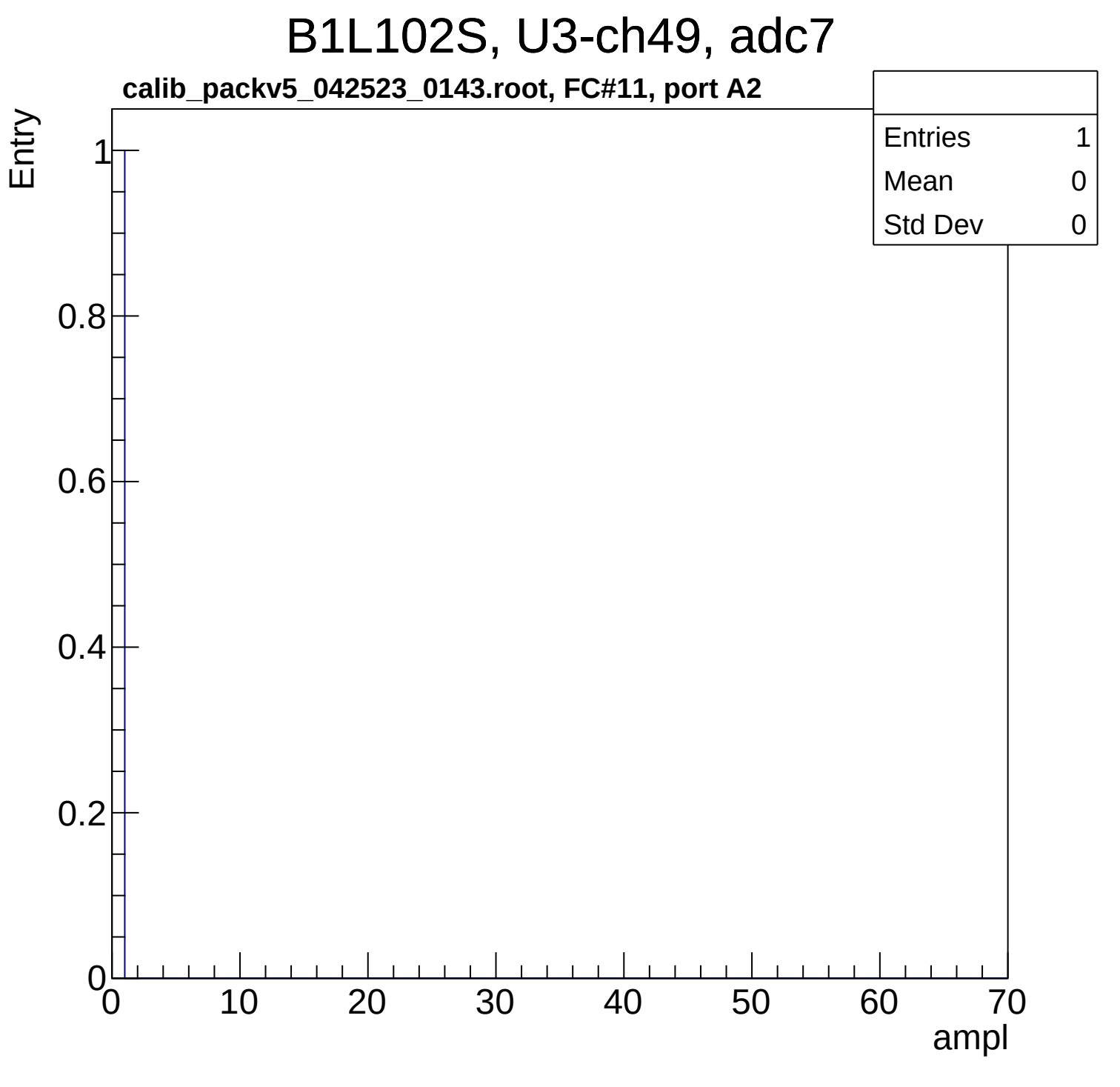
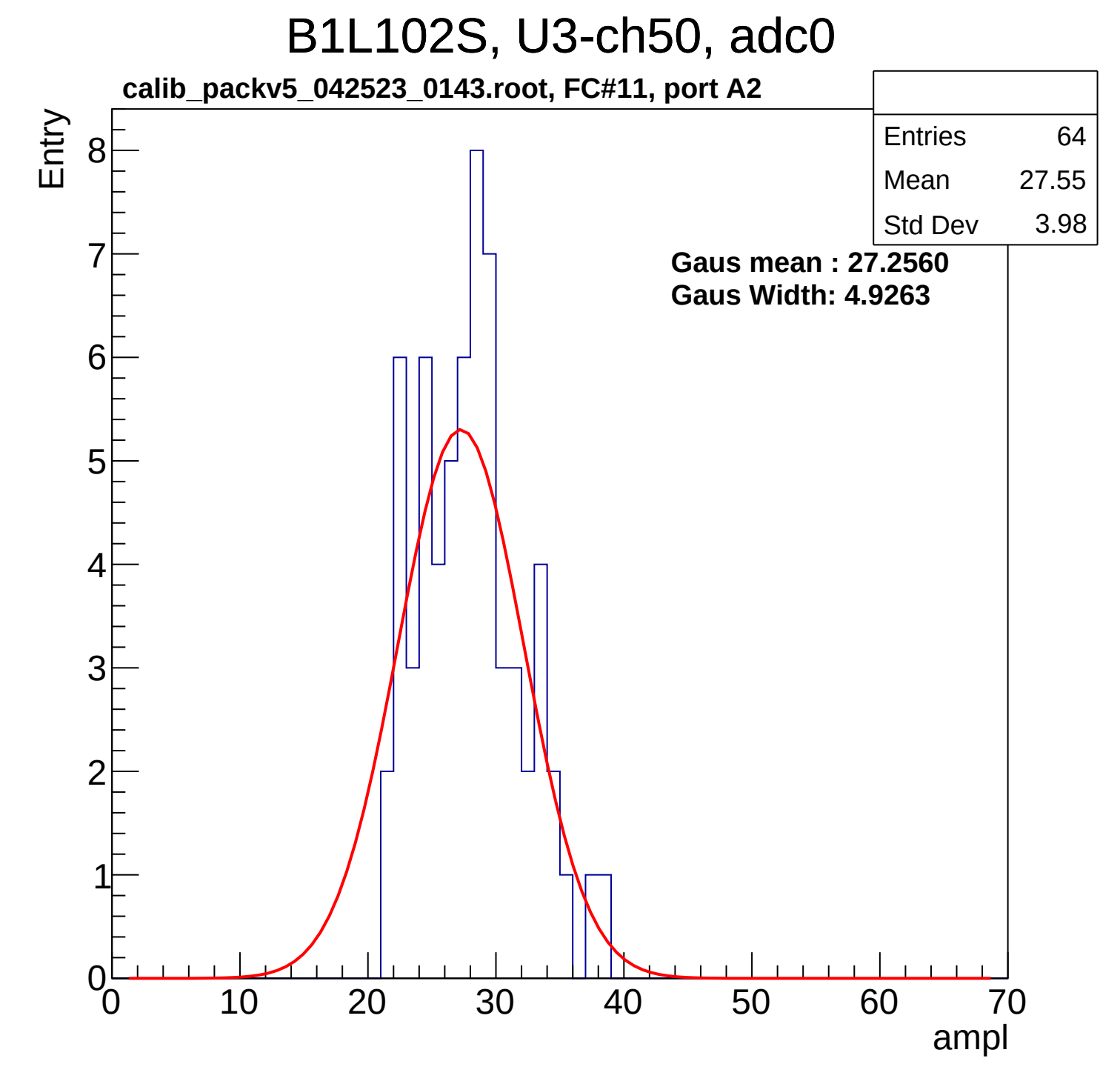

B1L102S, U3-ch49, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 46.75
Std Dev 27
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch49, 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, U3-ch50, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 27.55
Std Dev 3.98
Gaus mean : 27.2560
Gaus Width: 4.9263
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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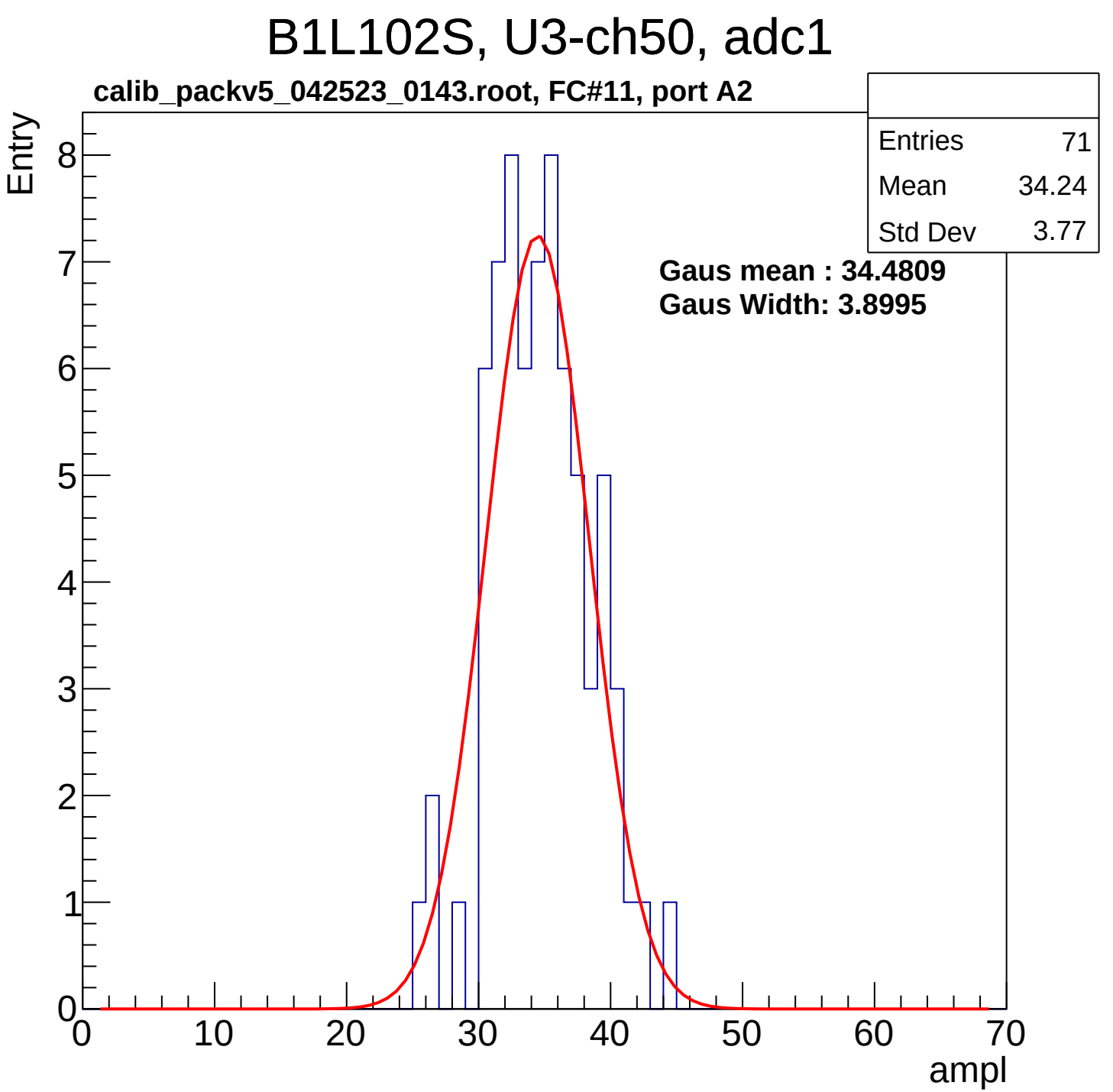
B1L102S, U3-ch50, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 34.24
Std Dev 3.77
Gaus mean : 34.4809
Gaus Width: 3.8995
Entry
ampl
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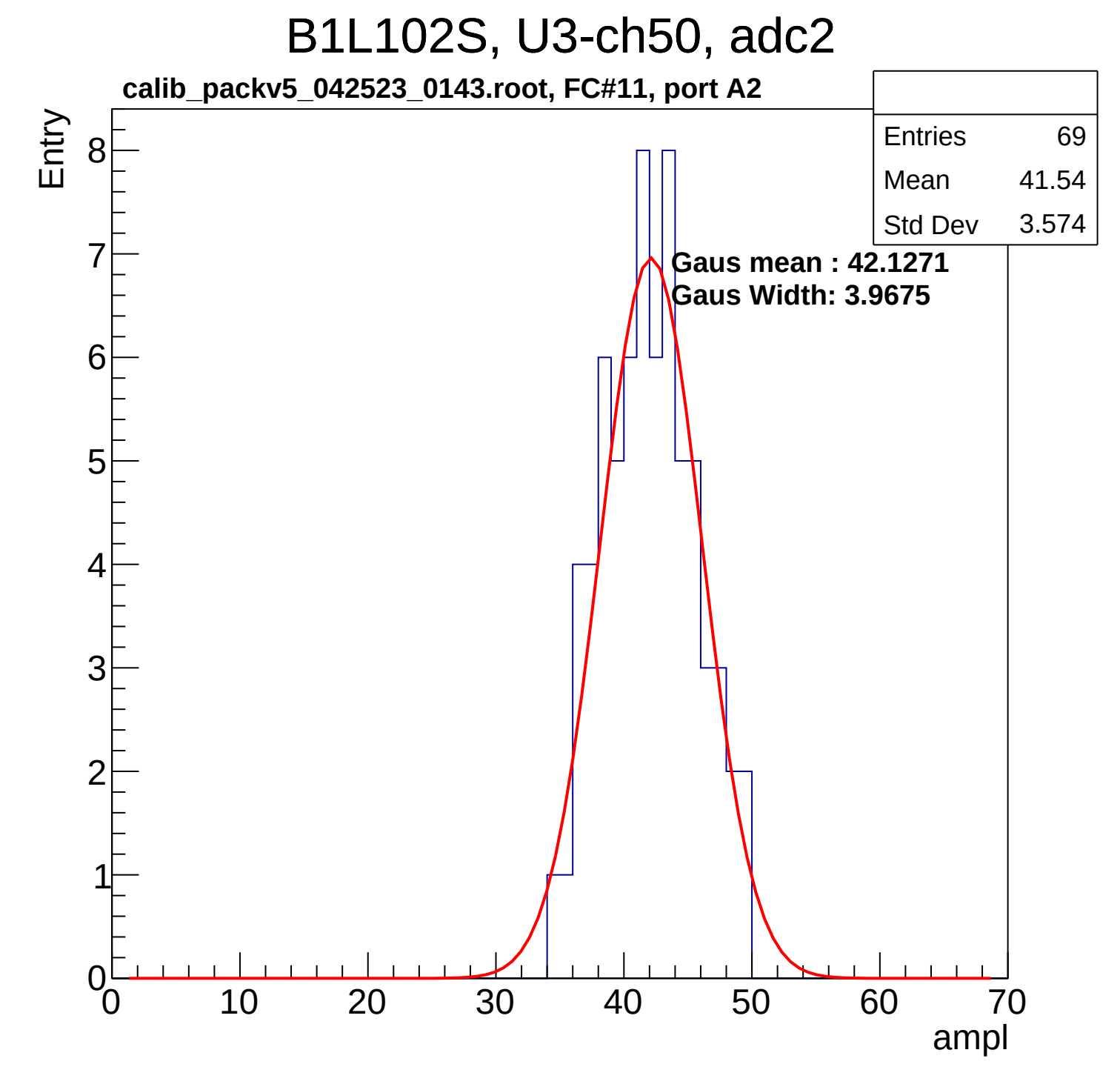
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch50, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 41.54
Std Dev 3.574
Gaus mean : 42.1271
Gaus Width: 3.9675
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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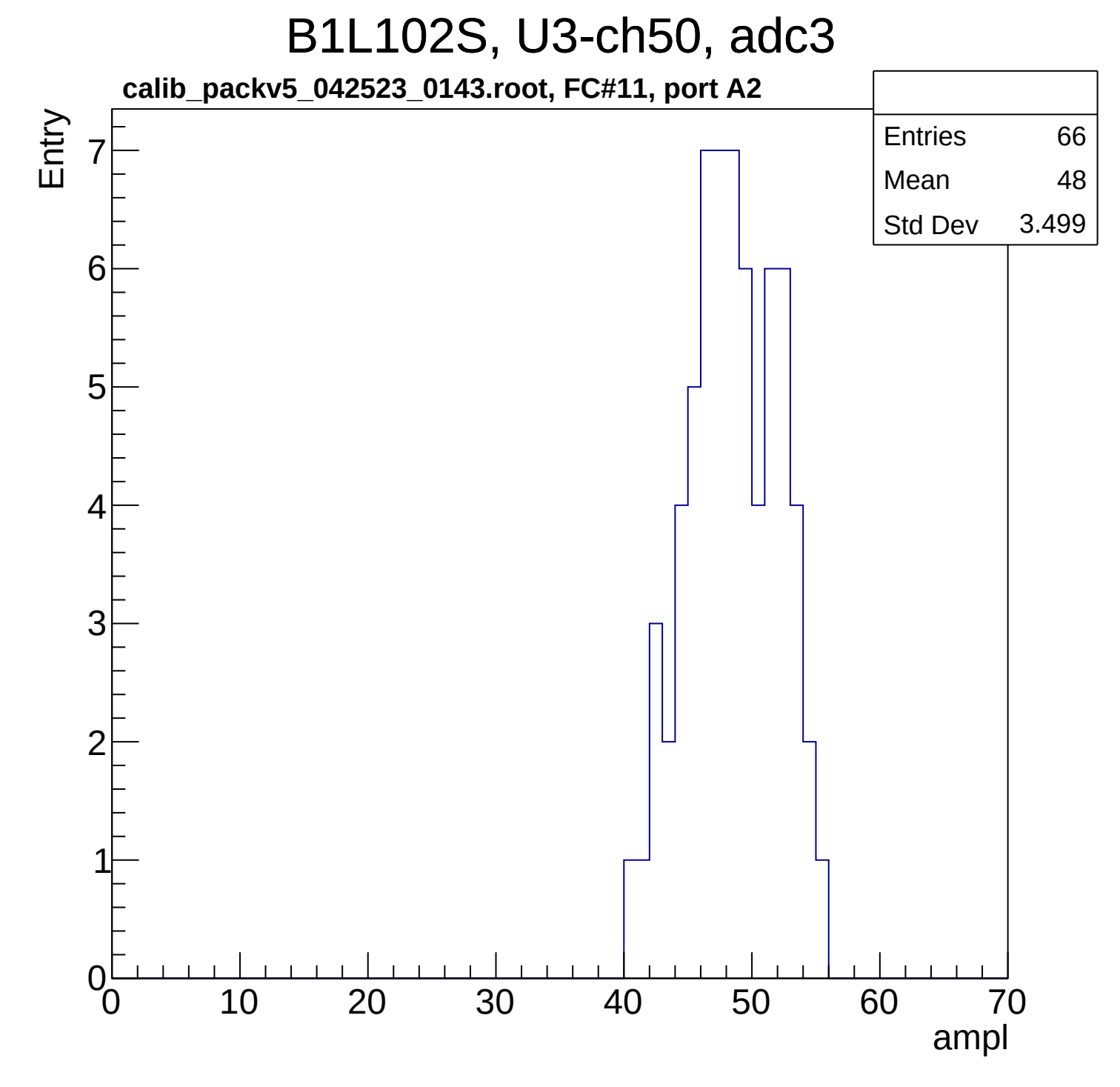
B1L102S, U3-ch50, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 48
Std Dev 3.499
Entry
ampl
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1
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0
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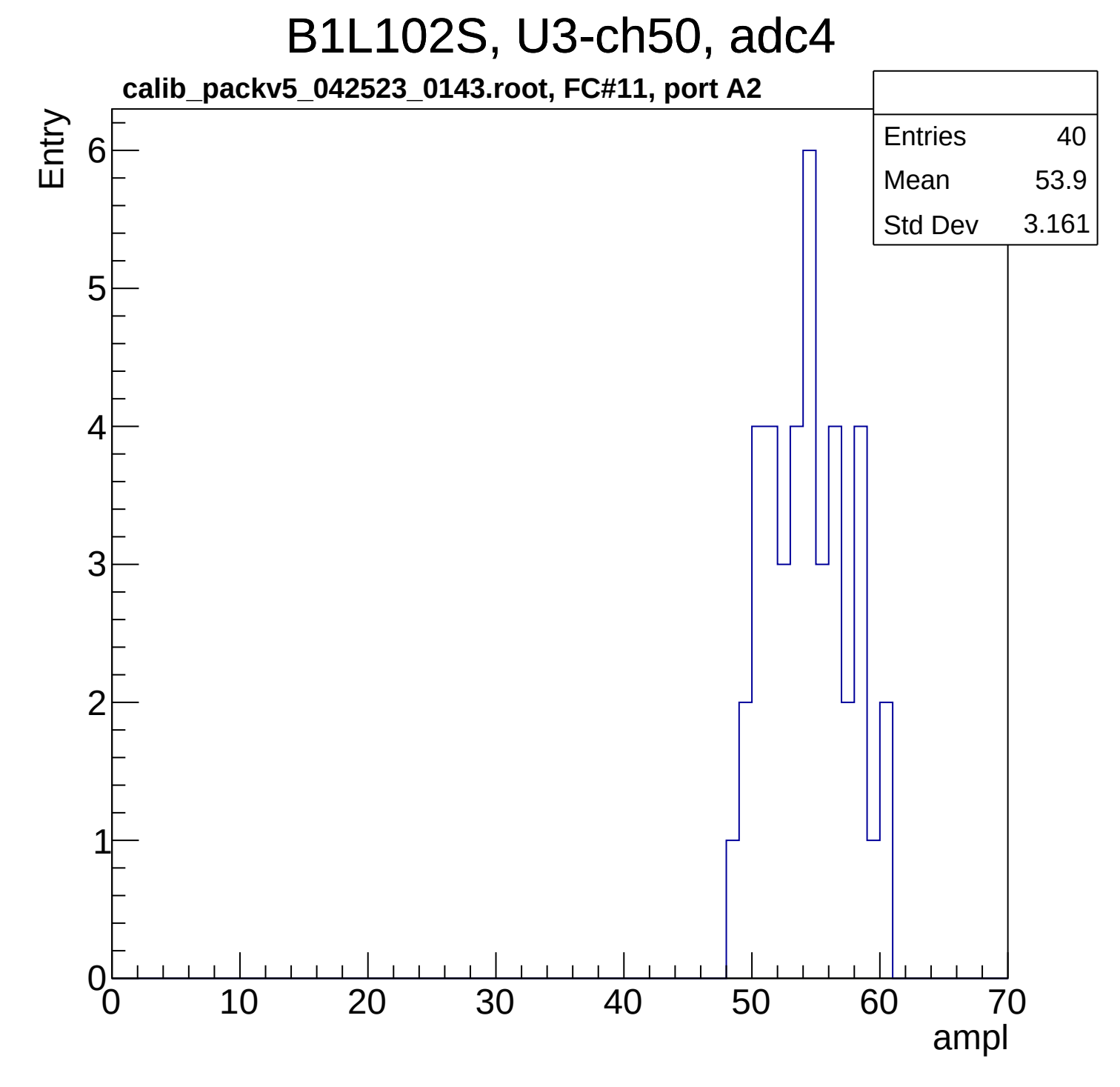
B1L102S, U3-ch50, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 53.9
Std Dev 3.161
Entry
0
1
2
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4
5
6
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10
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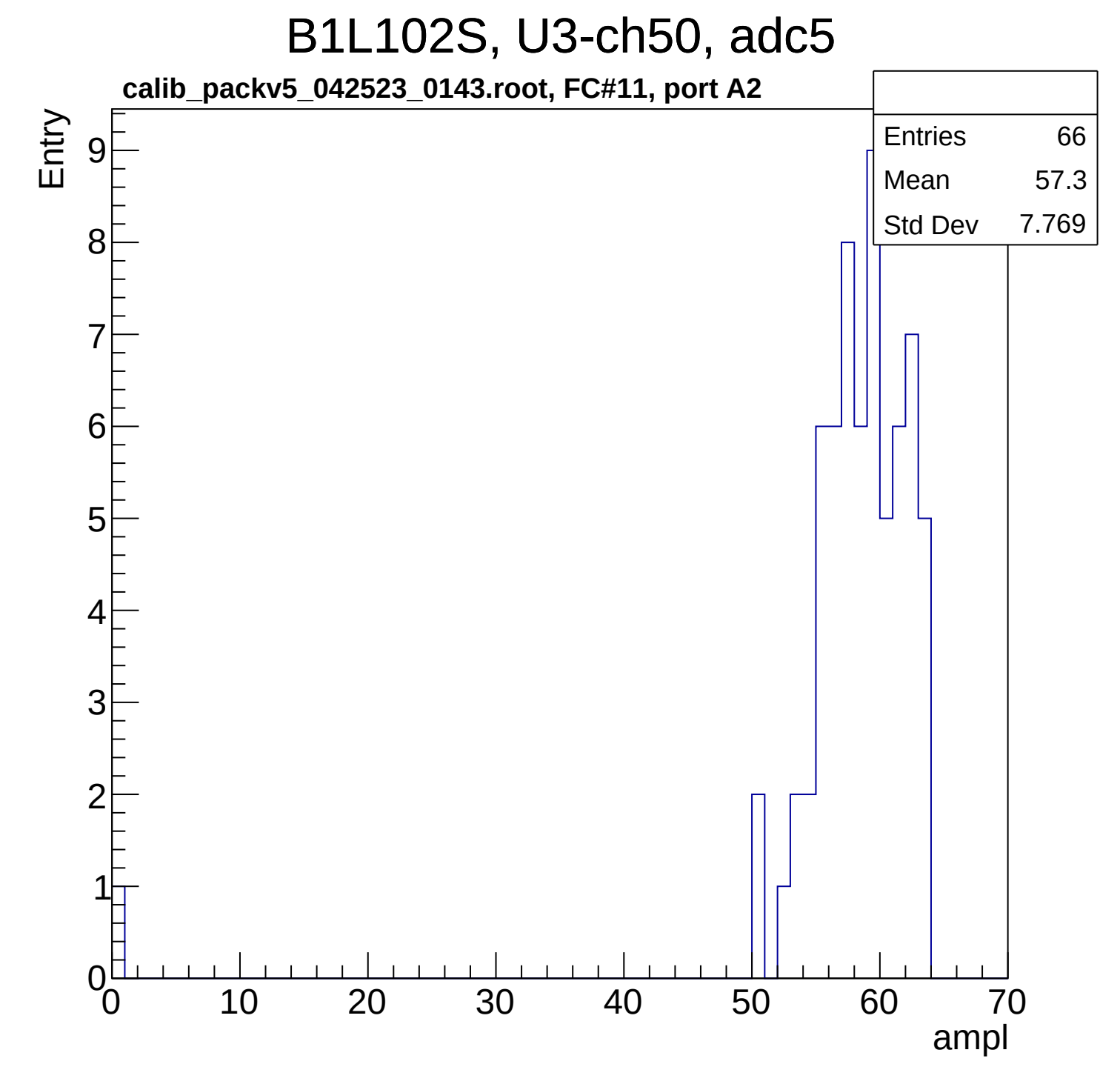
50
60
70
ampl


B1L102S, U3-ch50, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 57.3
Std Dev 7.769
Entry
ampl
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3
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6
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0
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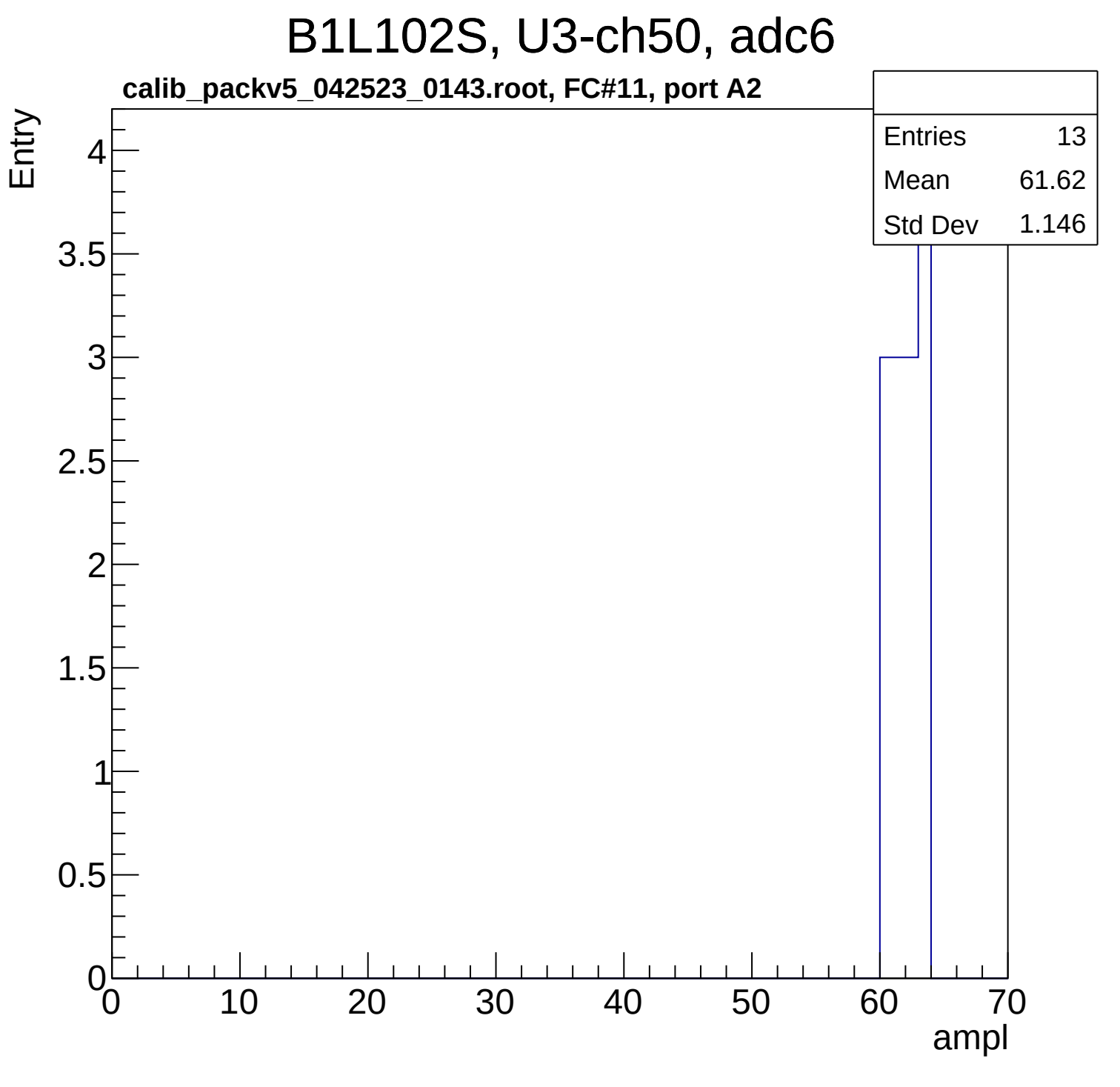
B1L102S, U3-ch50, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.62
Std Dev 1.146
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
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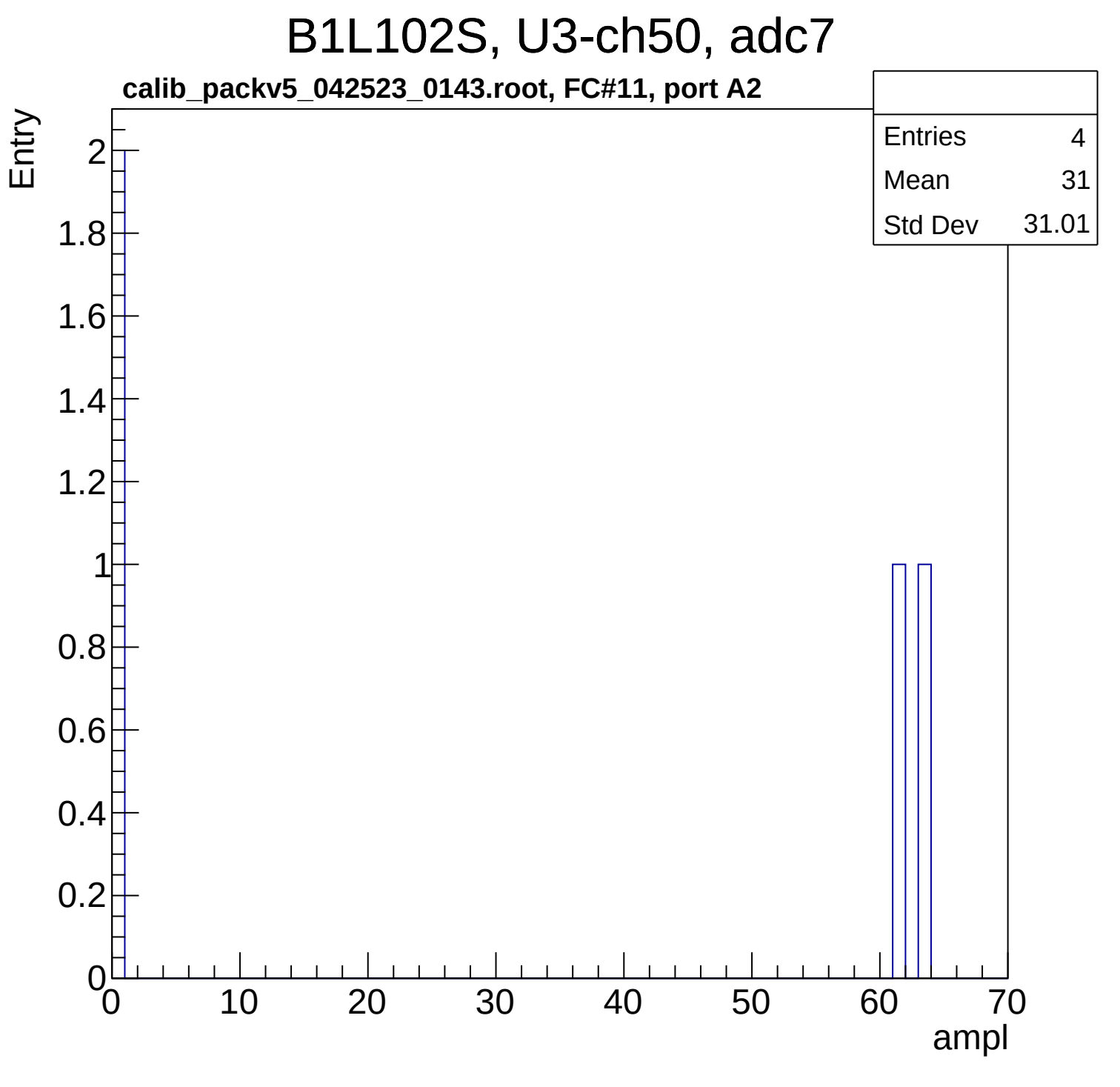
B1L102S, U3-ch50, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 31
Std Dev 31.01
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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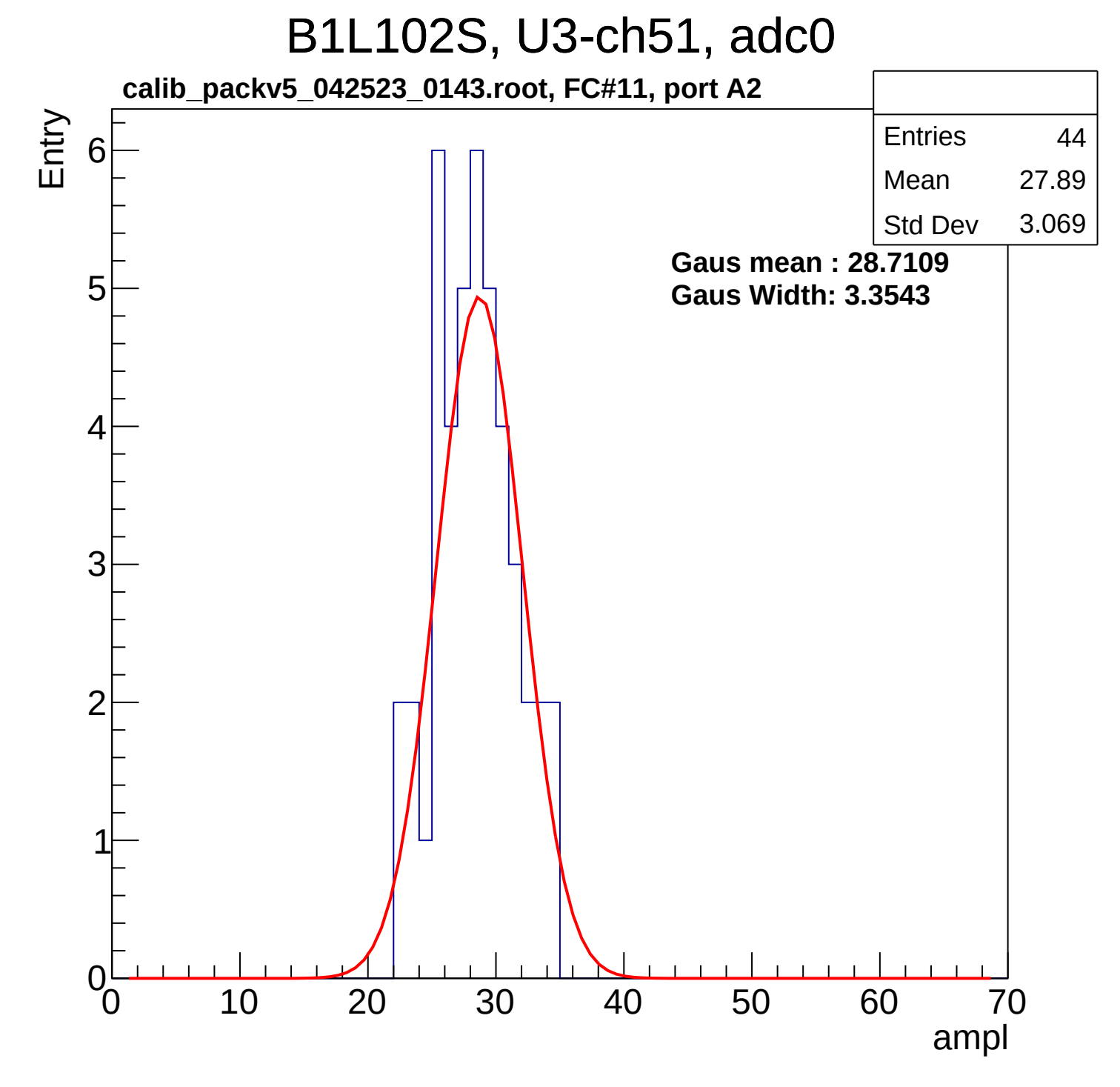
B1L102S, U3-ch51, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 27.89
Std Dev 3.069
Gaus mean : 28.7109
Gaus Width: 3.3543
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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40
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60
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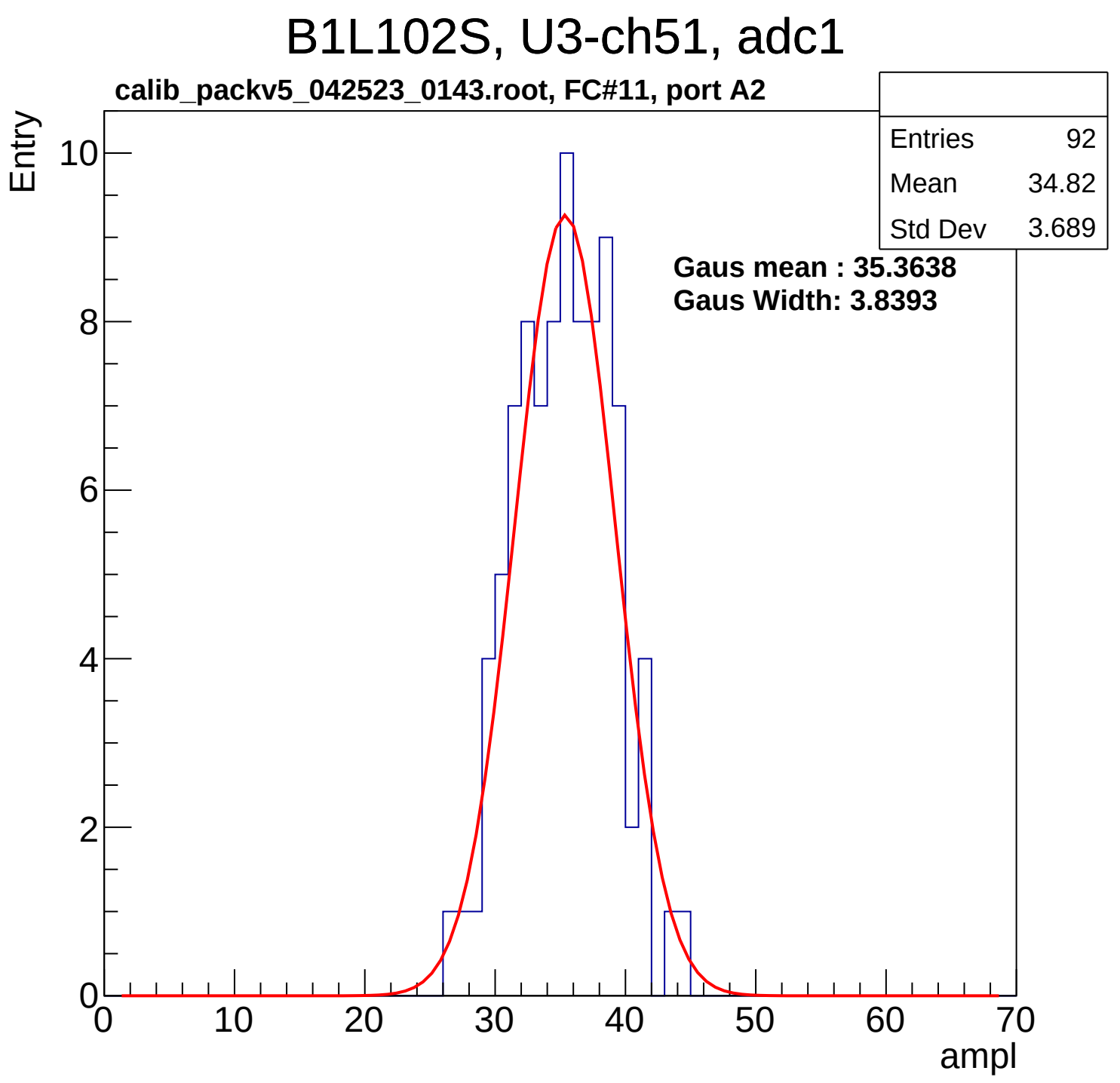
B1L102S, U3-ch51, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 92
Mean 34.82
Std Dev 3.689
Gaus mean : 35.3638
Gaus Width: 3.8393
Entry
ampl
0
2
4
6
8
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0
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60
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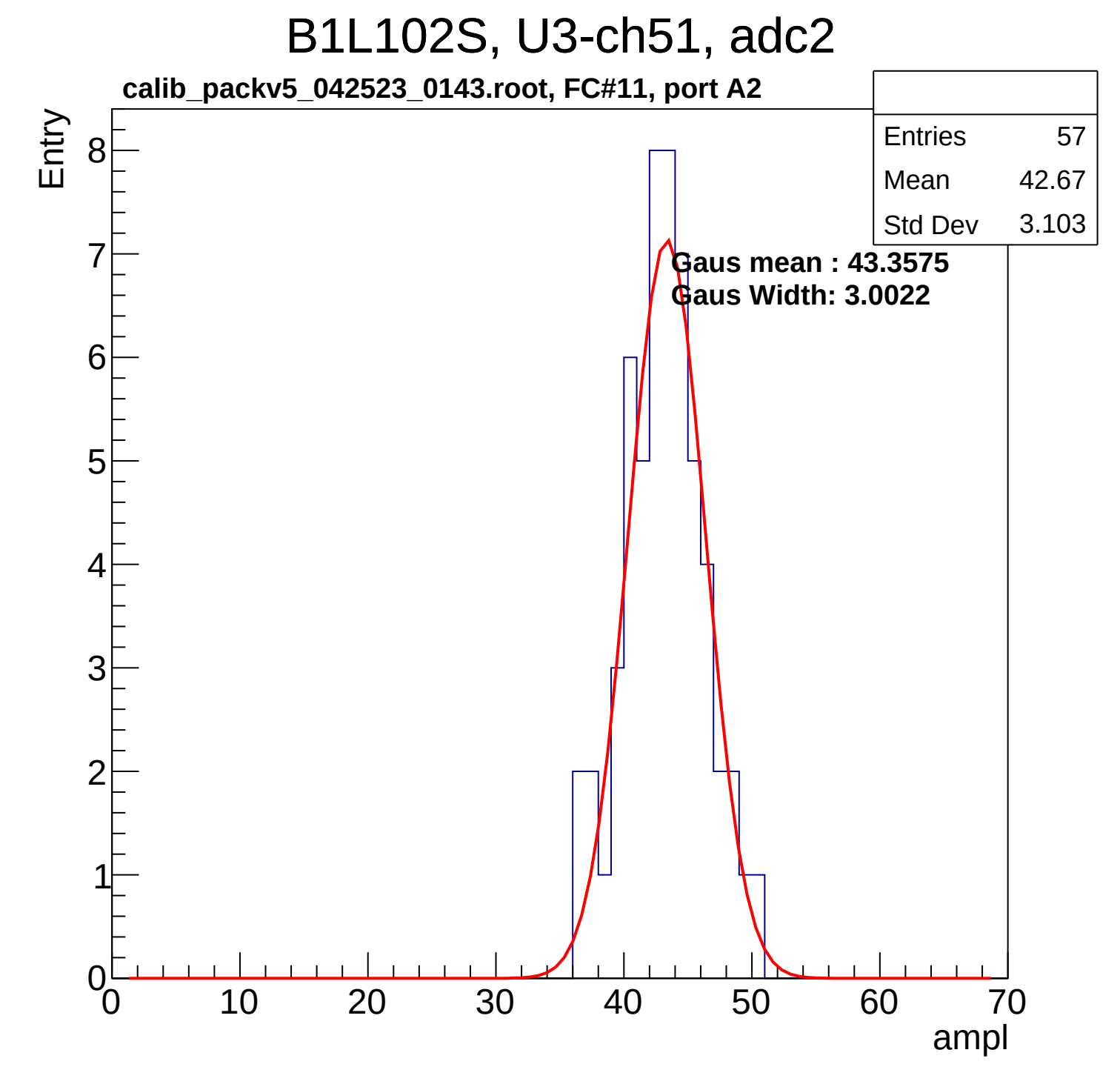
B1L102S, U3-ch51, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 42.67
Std Dev 3.103
Gaus mean : 43.3575
Gaus Width: 3.0022
Entry
ampl
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4
5
6
7
8
0
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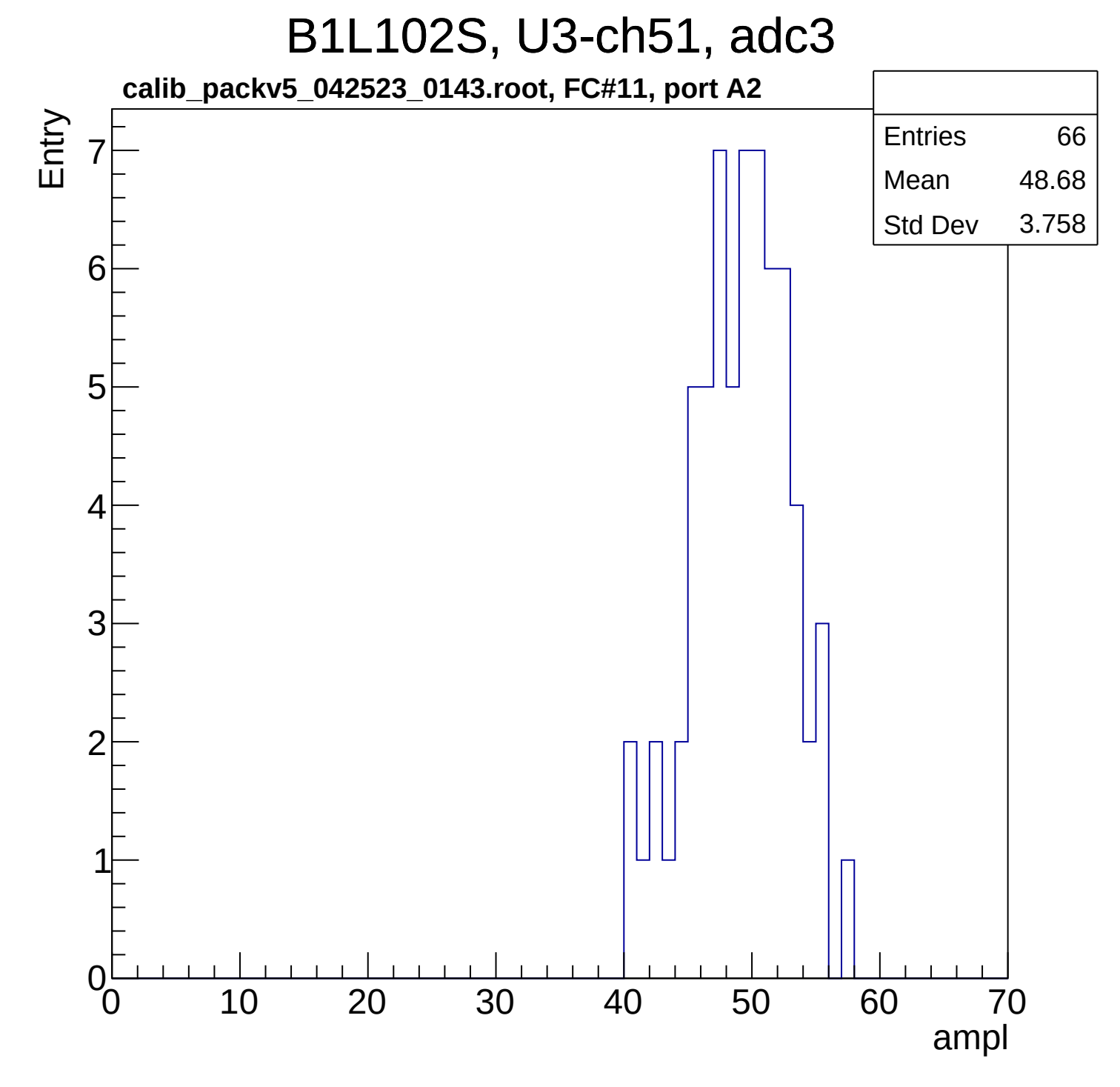
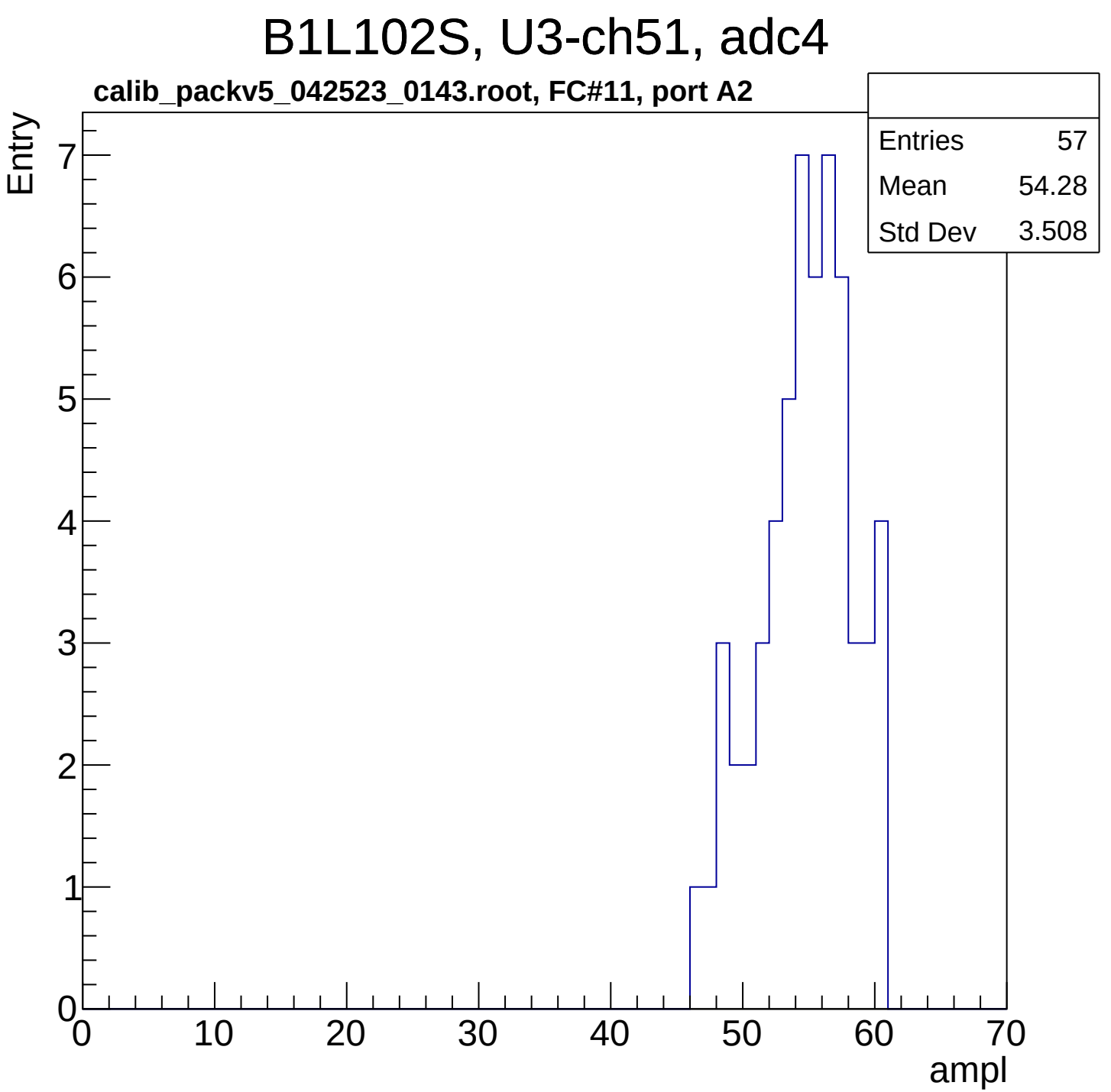
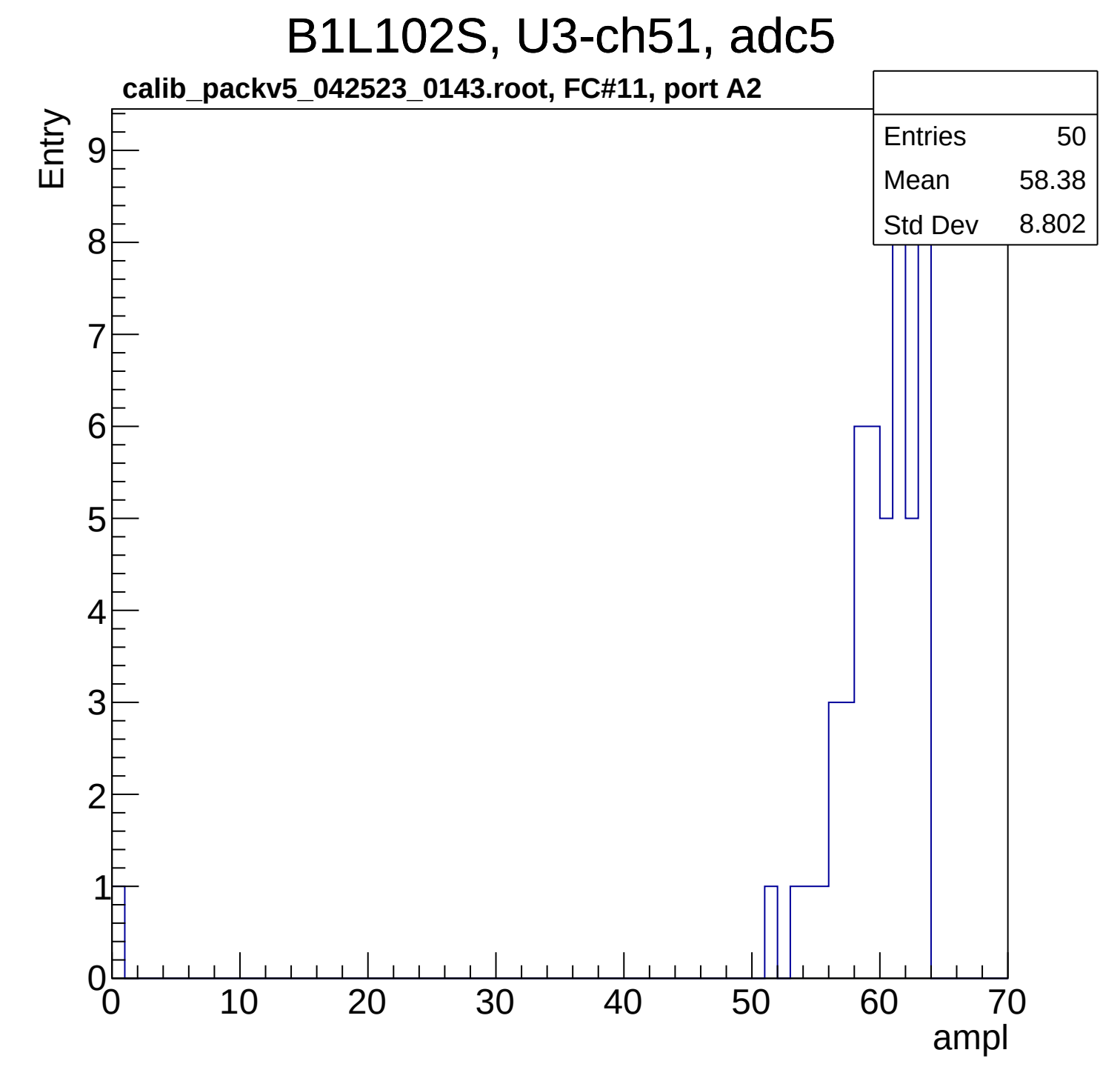

B1L102S, U3-ch51, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 48.68
Std Dev 3.758
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch51, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 54.28
Std Dev 3.508
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch51, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 58.38
Std Dev 8.802
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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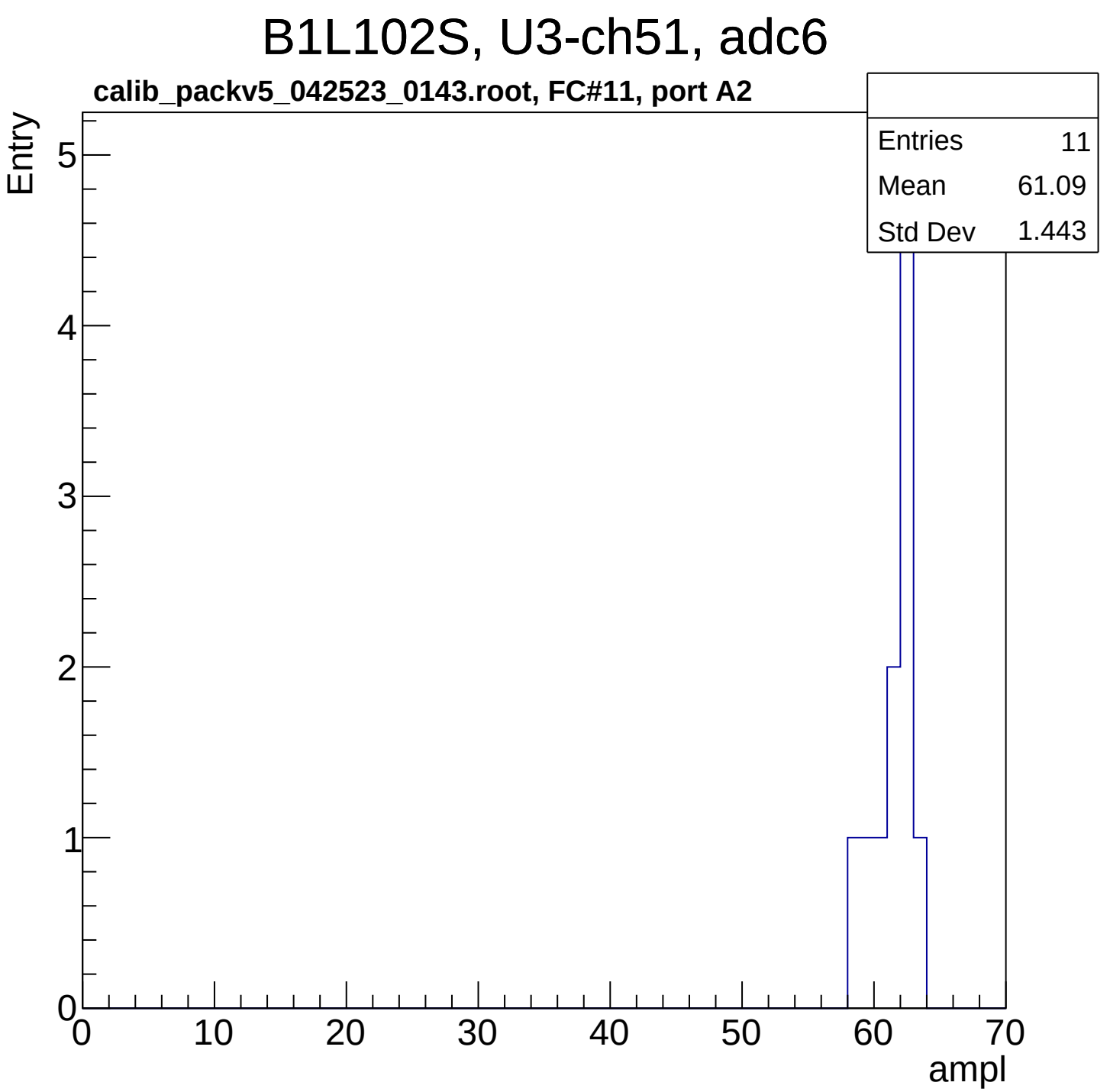
B1L102S, U3-ch51, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 61.09
Std Dev 1.443
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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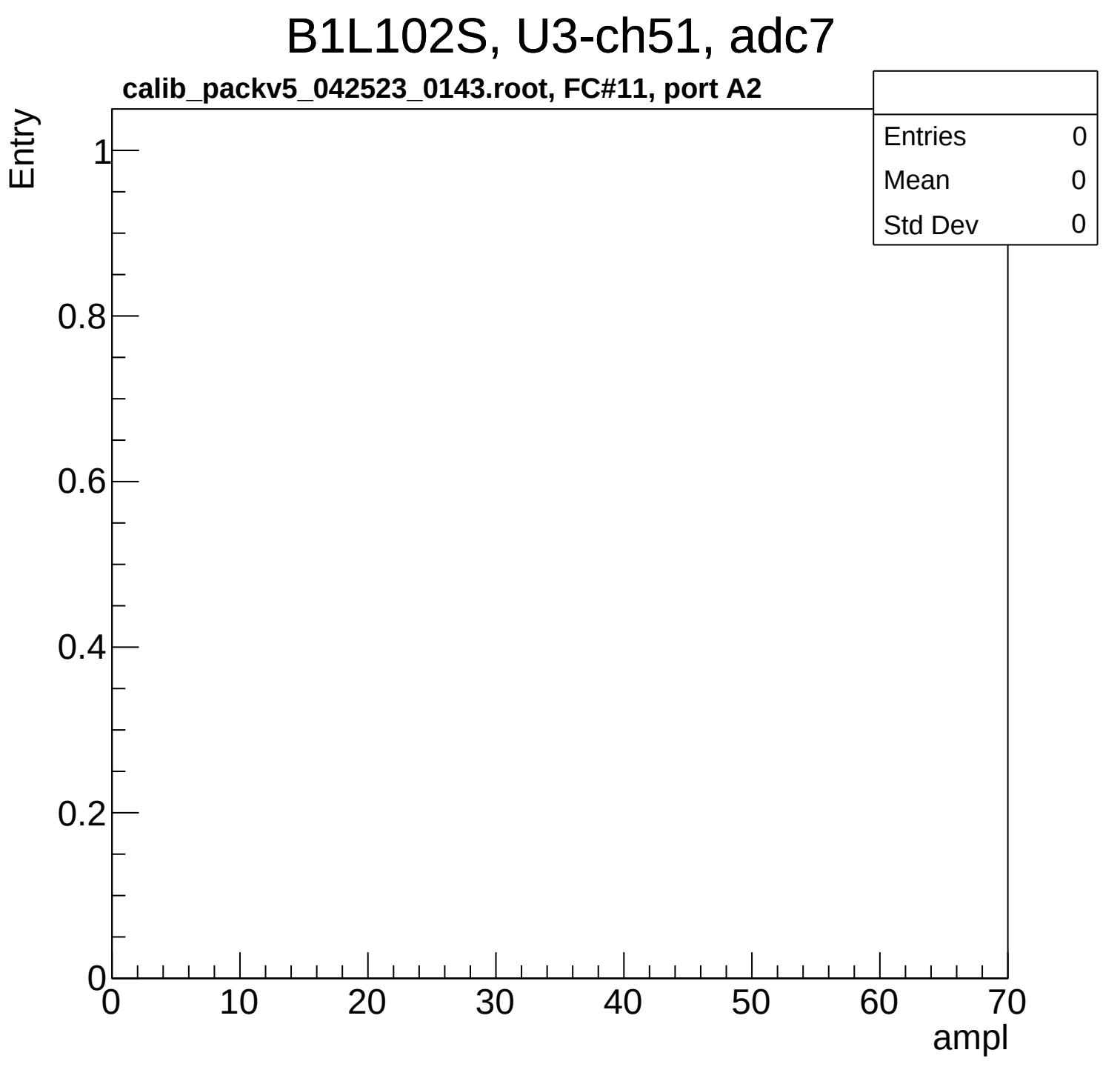
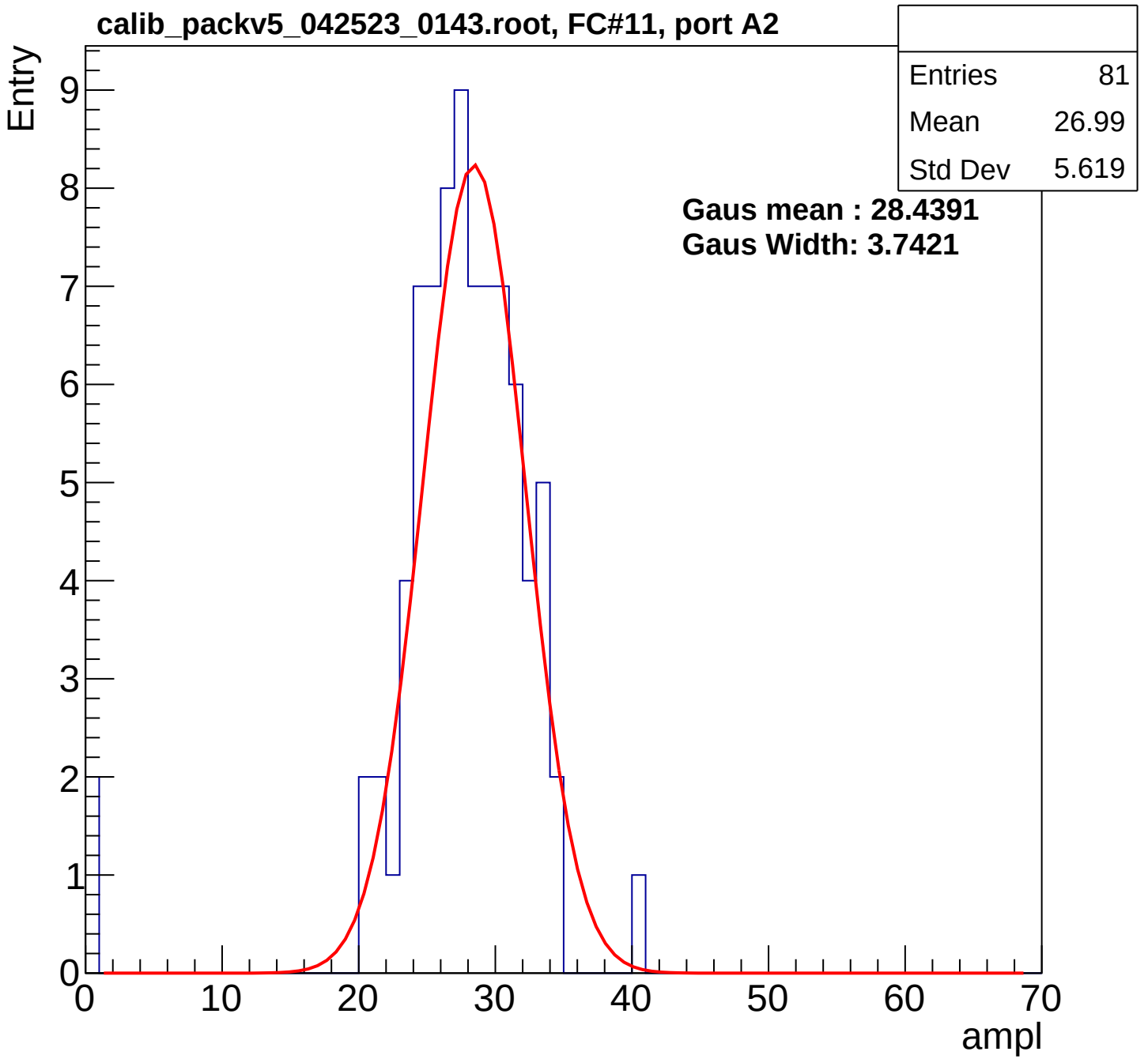
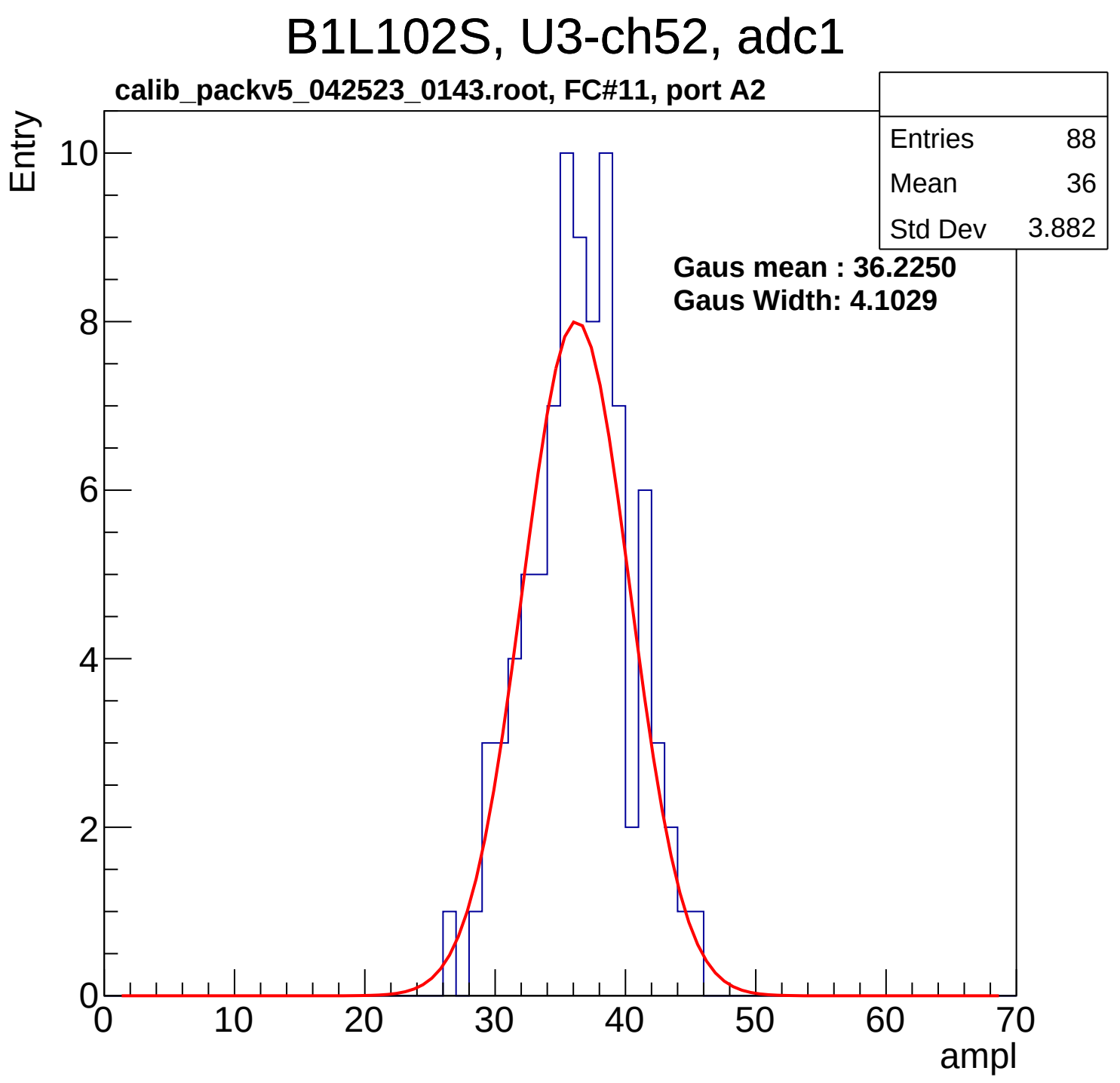
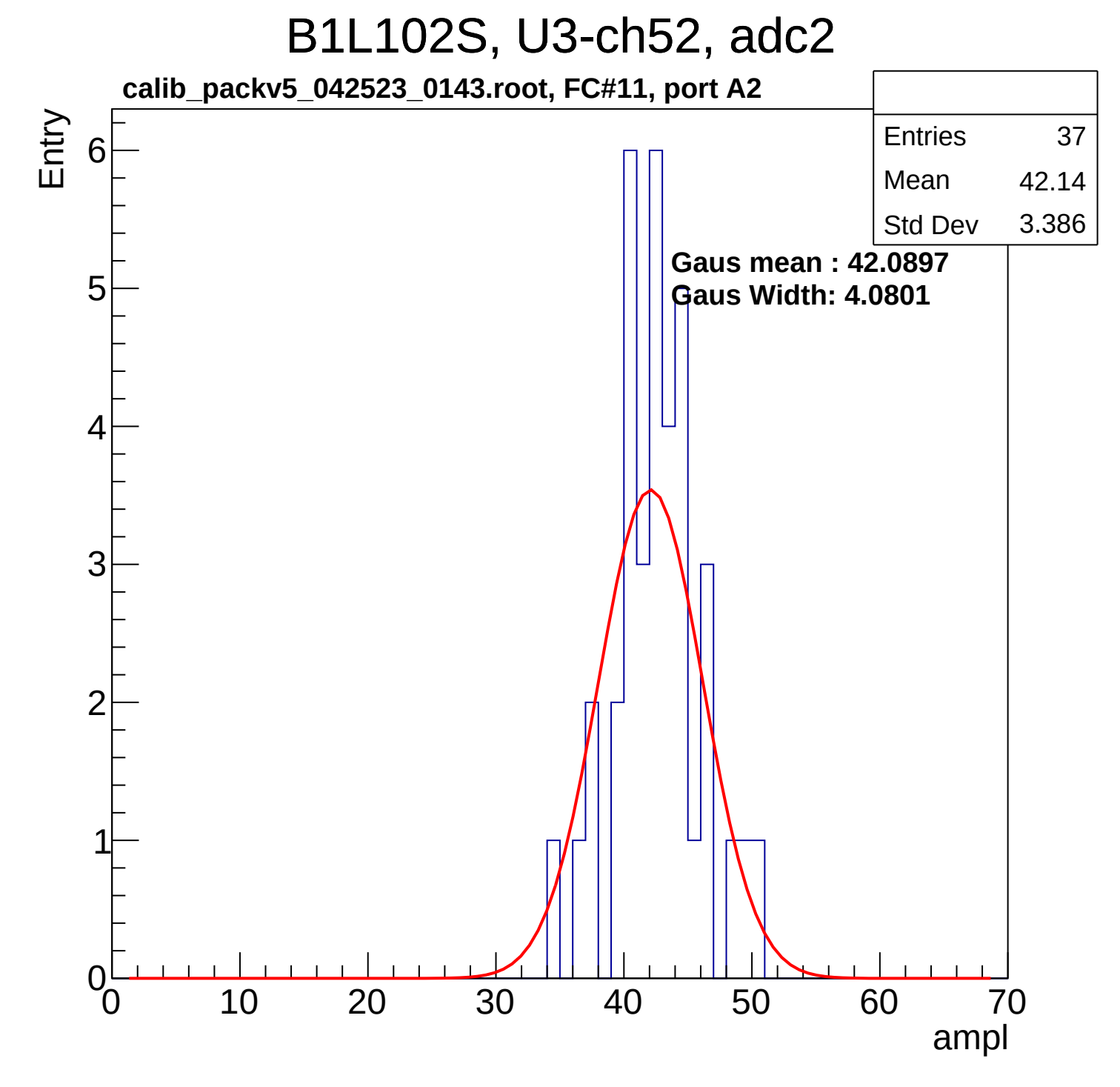
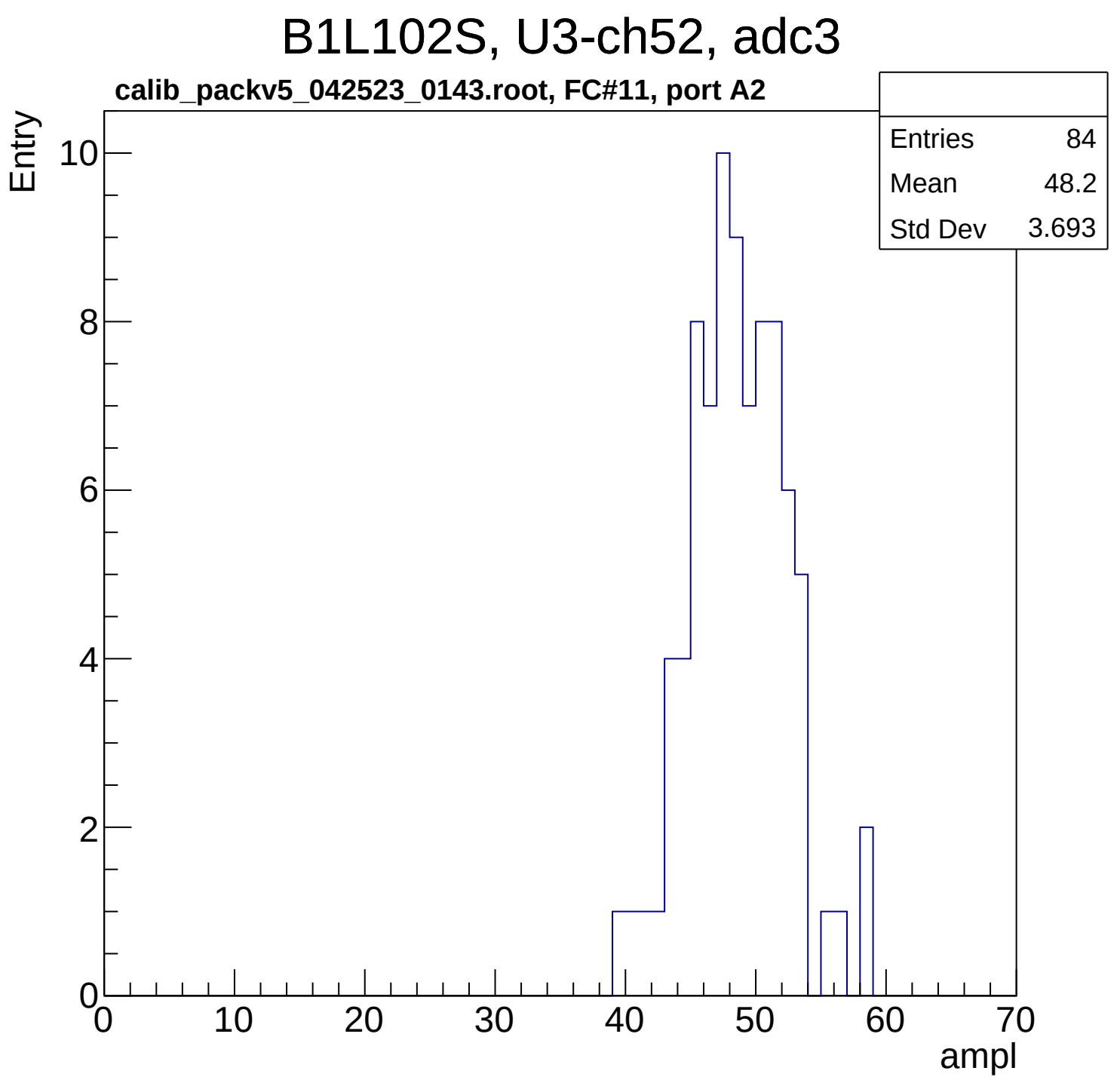
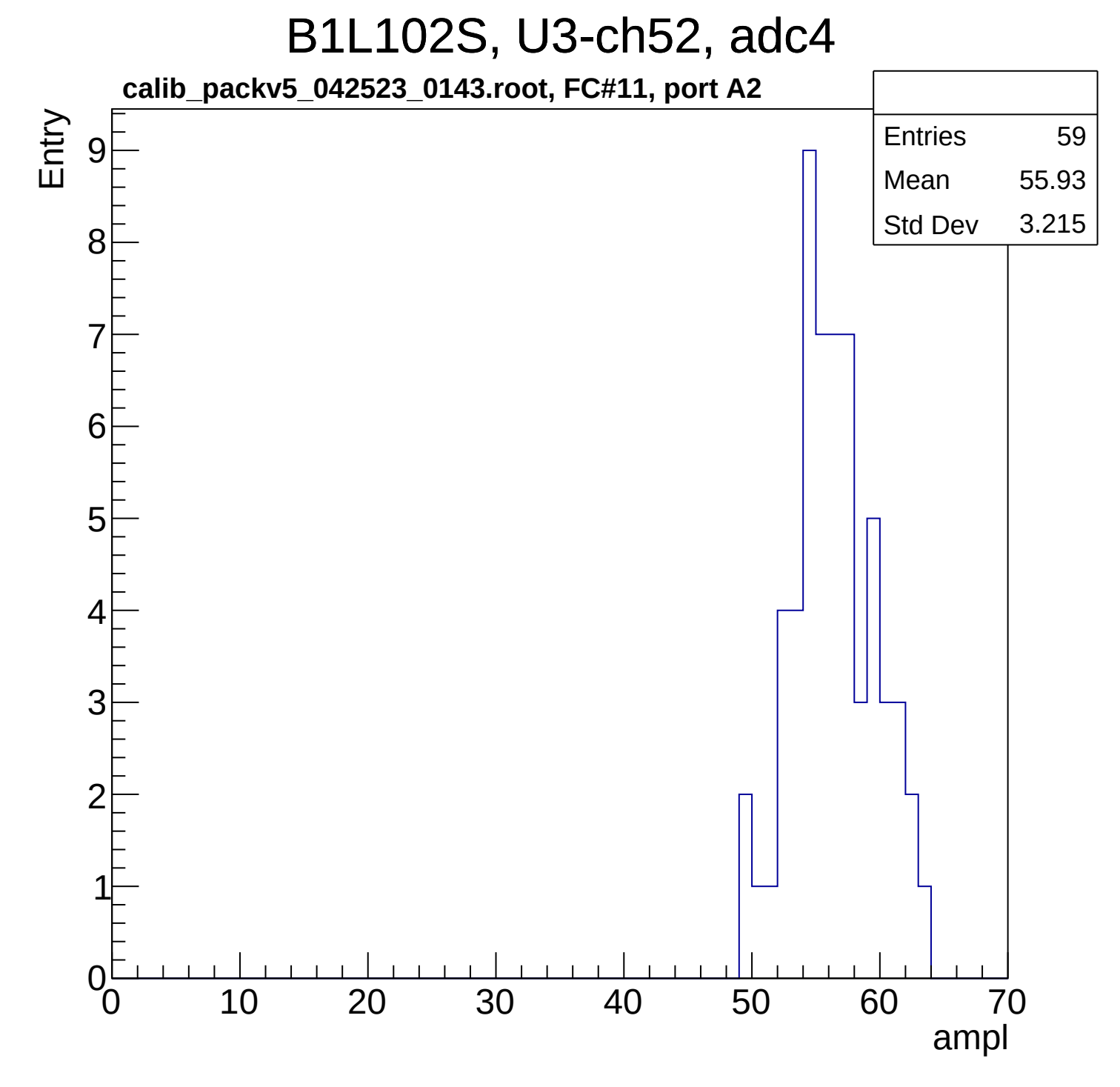

B1L102S, U3-ch51, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch52, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 26.99
Std Dev 5.619
Gaus mean : 28.4391
Gaus Width: 3.7421
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch52, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 36
Std Dev 3.882
Gaus mean : 36.2250
Gaus Width: 4.1029
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch52, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 37
Mean 42.14
Std Dev 3.386
Gaus mean : 42.0897
Gaus Width: 4.0801
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch52, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 48.2
Std Dev 3.693
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch52, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 55.93
Std Dev 3.215
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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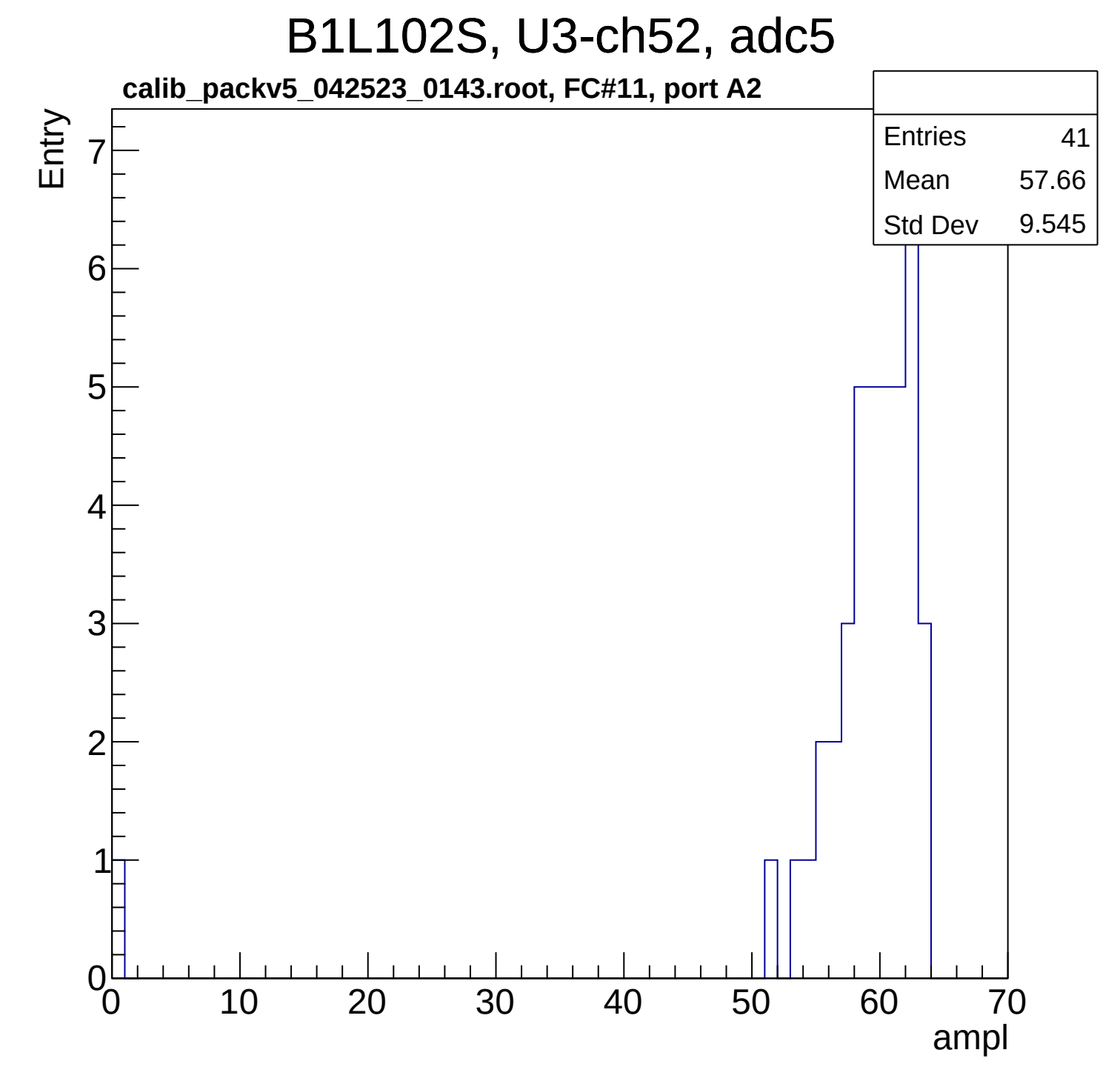
60
70


B1L102S, U3-ch52, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 57.66
Std Dev 9.545
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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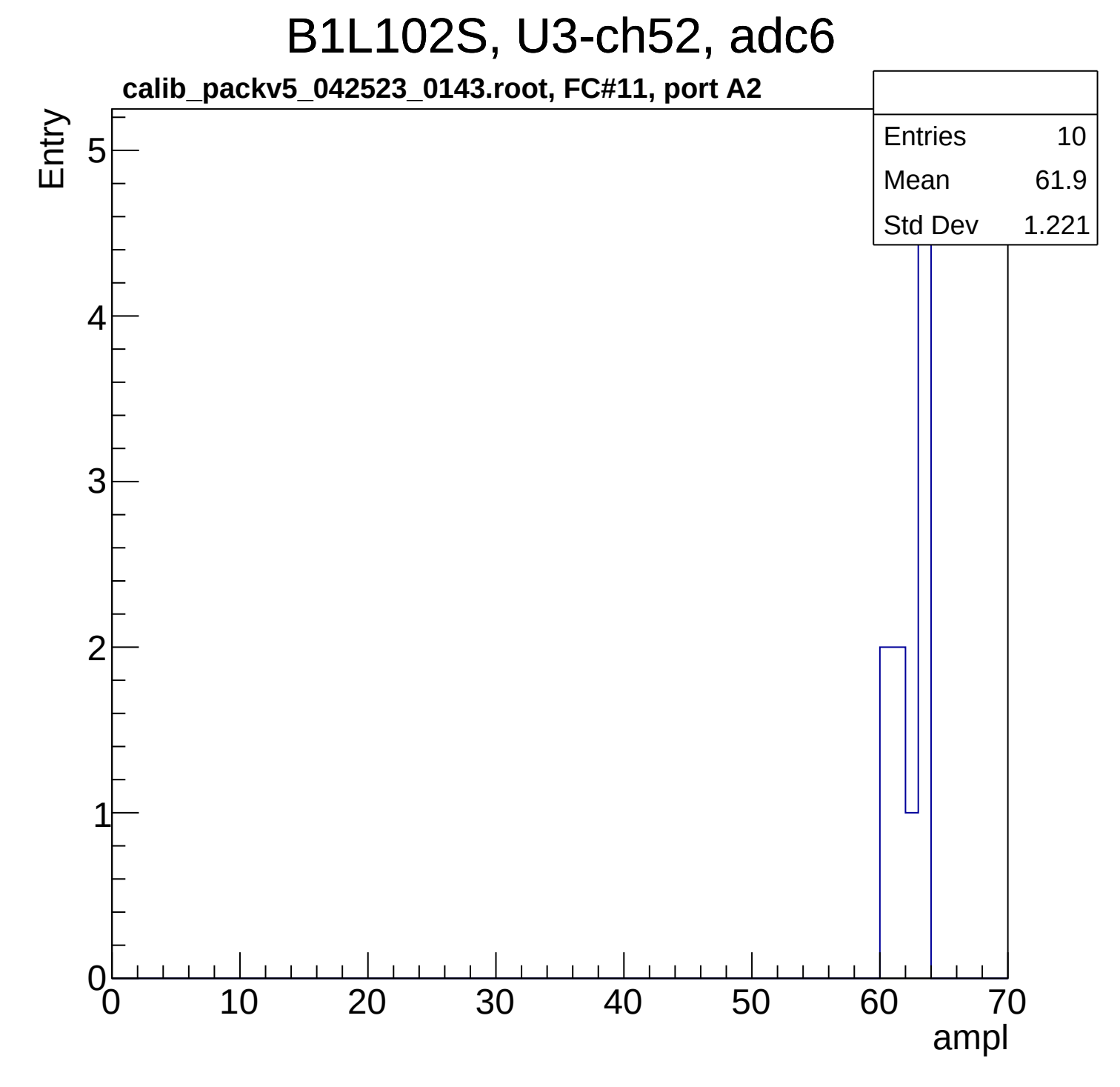
B1L102S, U3-ch52, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 61.9
Std Dev 1.221
Entry
0
1
2
3
4
5
0
10
20
30
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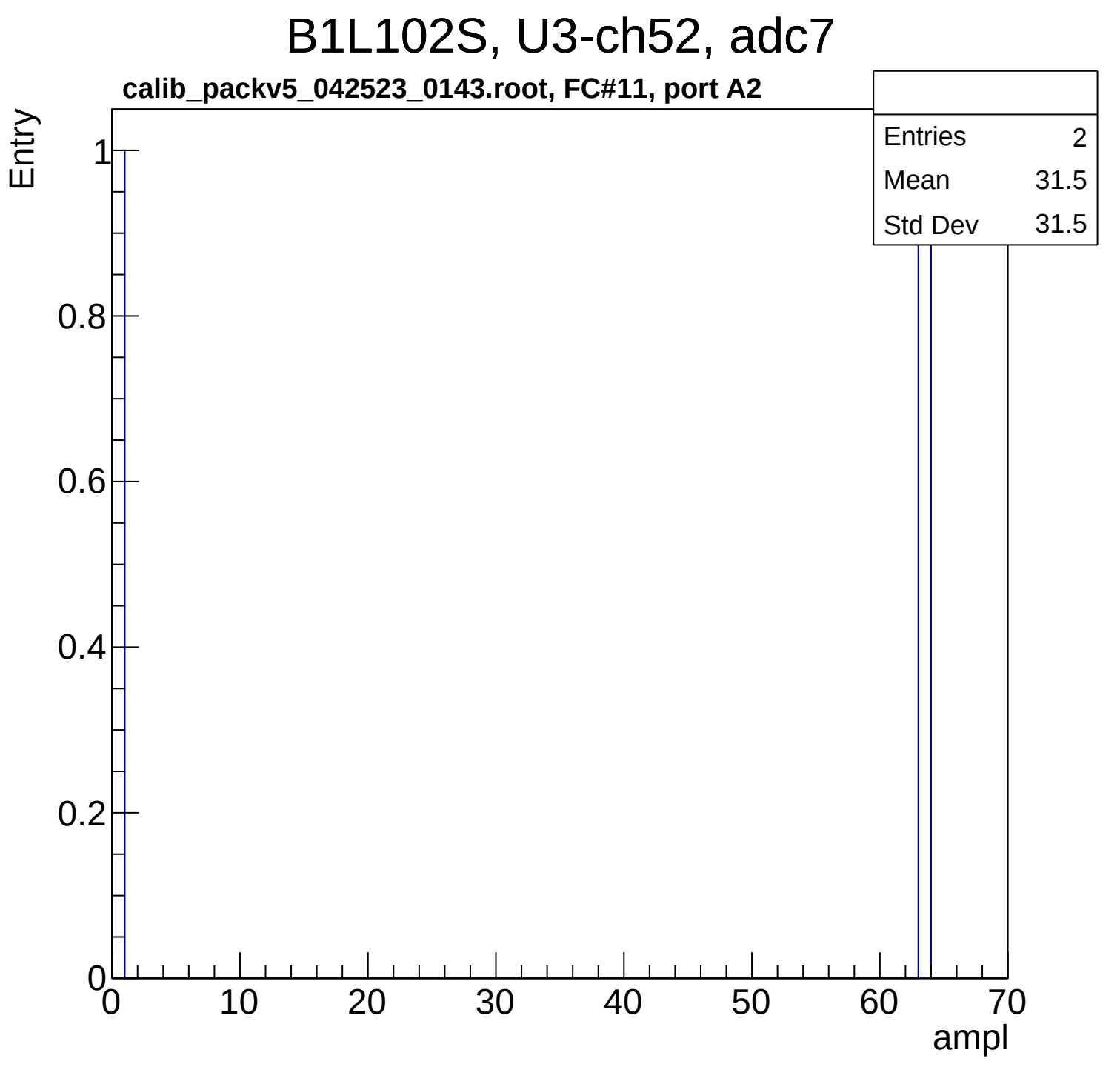
50
60
70
ampl


B1L102S, U3-ch52, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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0.8
0.6
0.4
0.2
0
0
10
20
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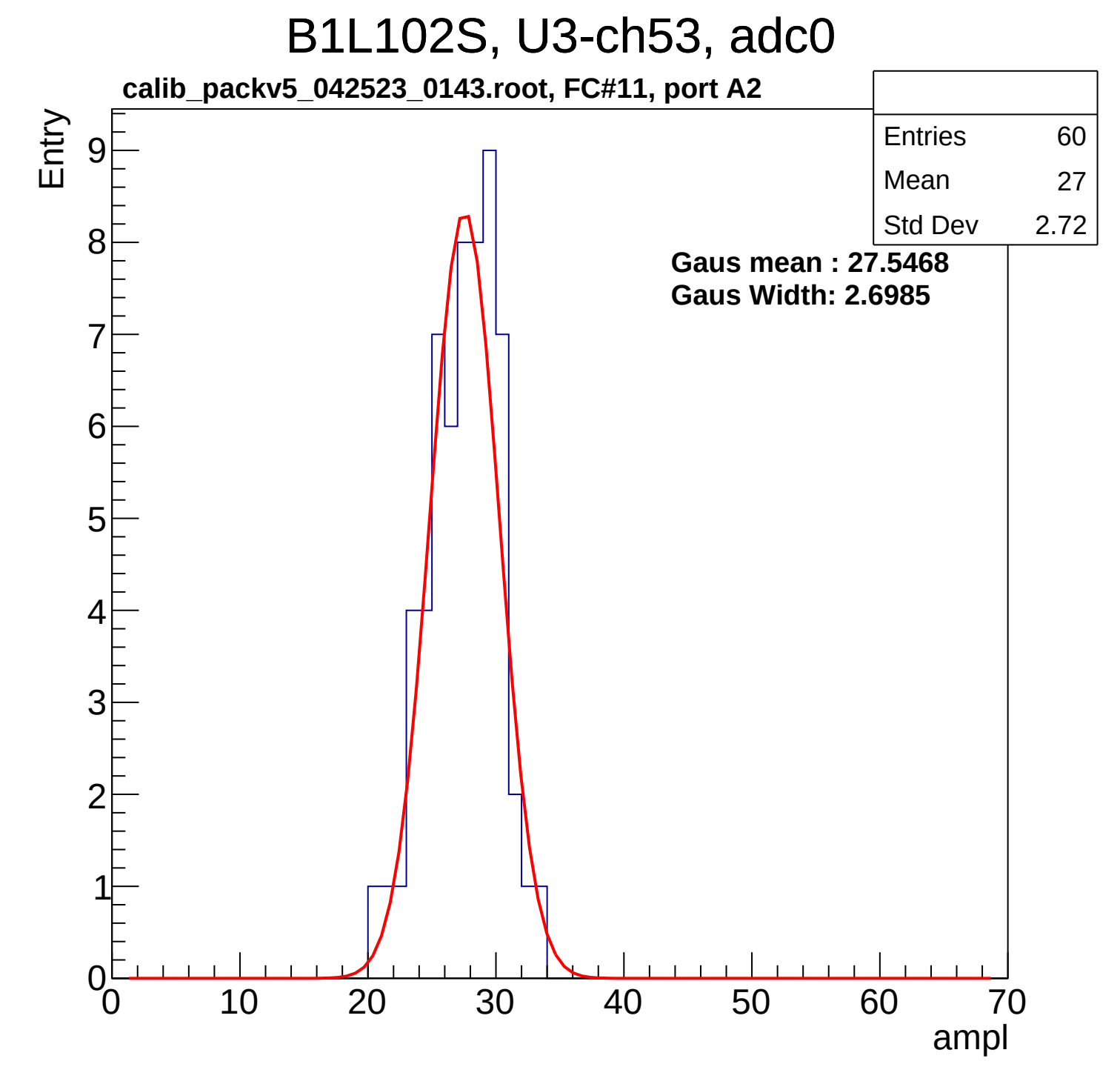
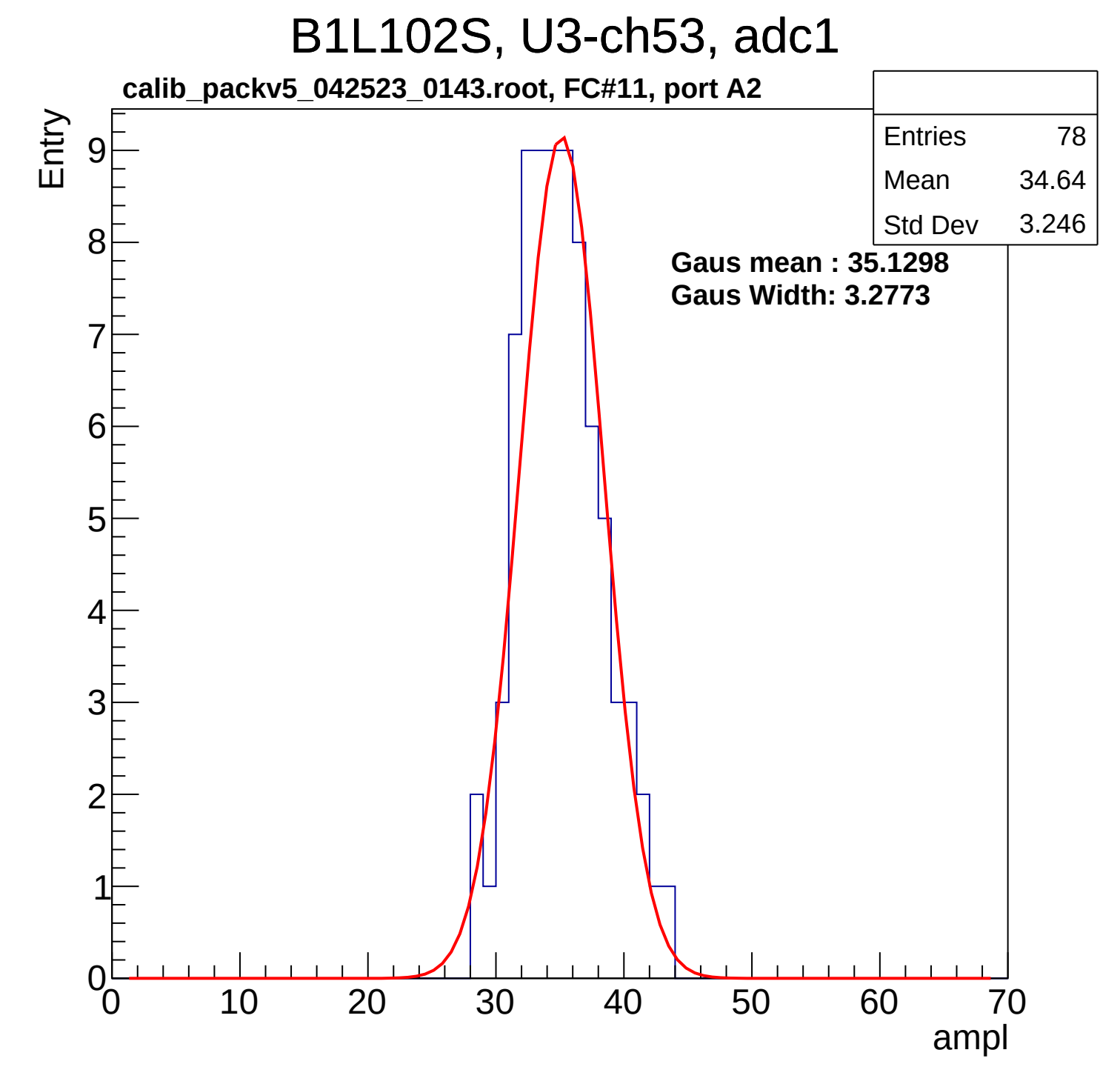
50
60
70
ampl


B1L102S, U3-ch53, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 27
Std Dev 2.72
Gaus mean : 27.5468
Gaus Width: 2.6985
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch53, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 34.64
Std Dev 3.246
Gaus mean : 35.1298
Gaus Width: 3.2773
Entry
ampl
0
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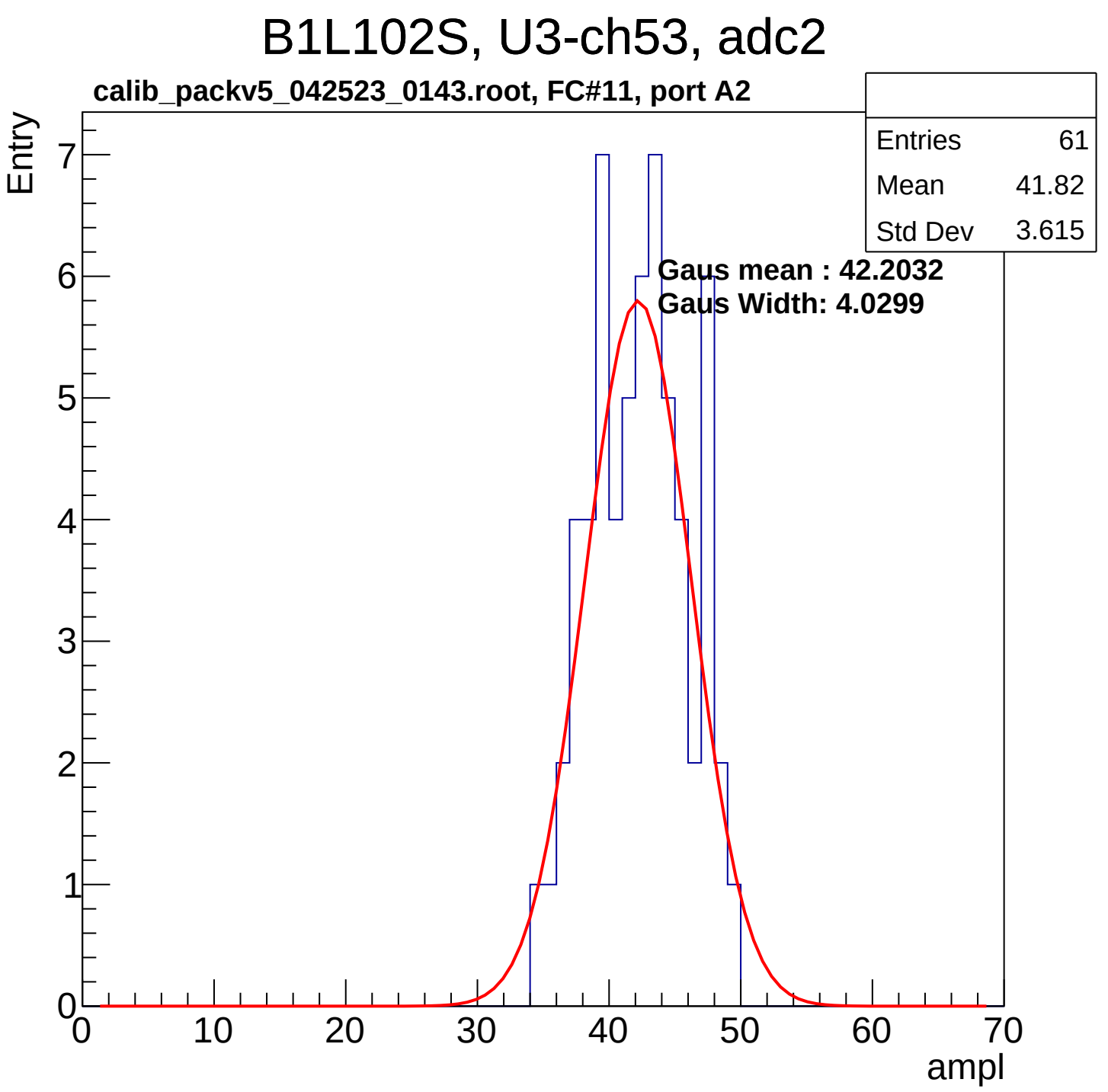
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch53, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 41.82
Std Dev 3.615
Gaus mean : 42.2032
Gaus Width: 4.0299
Entry
ampl
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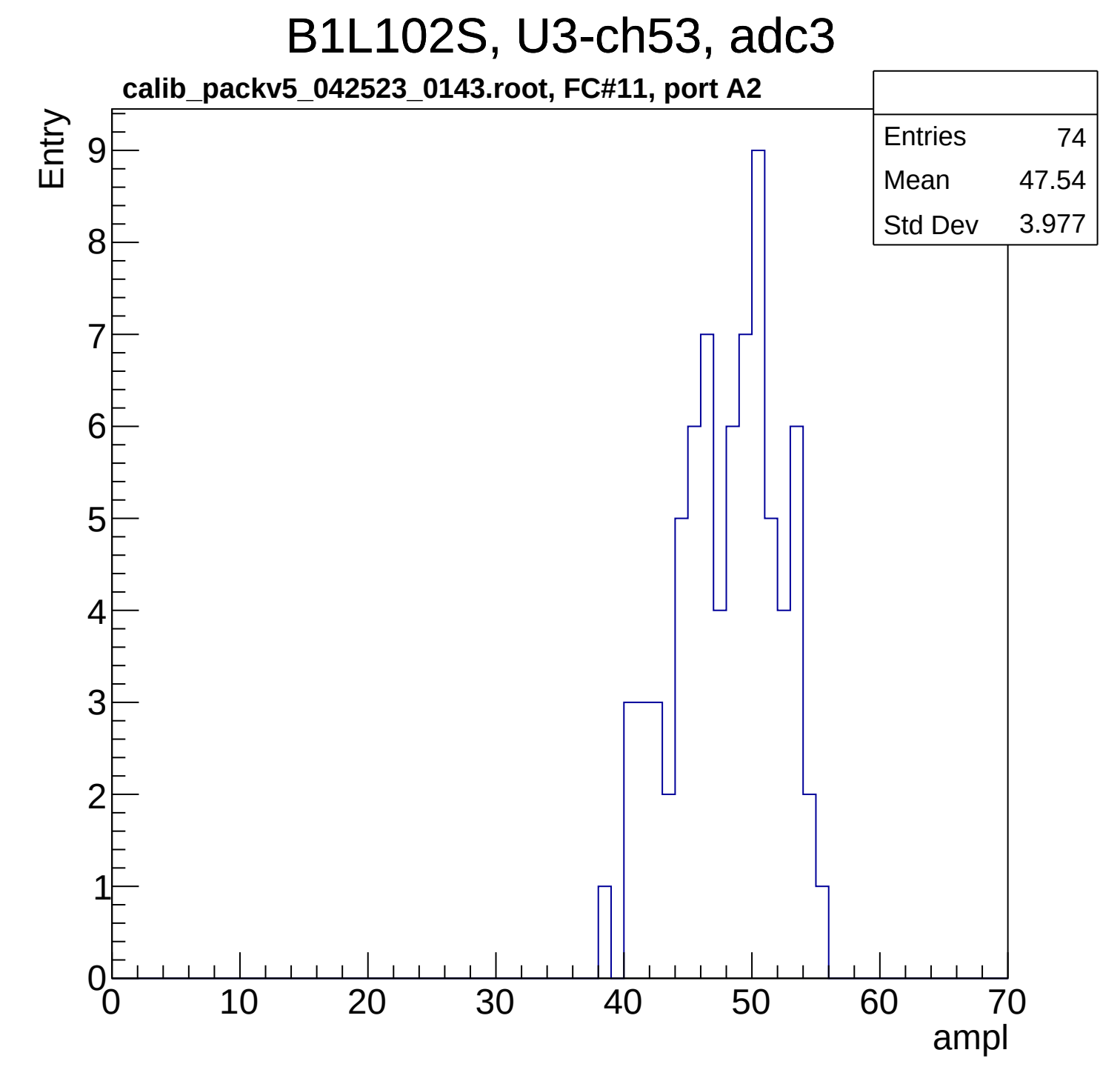
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch53, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 47.54
Std Dev 3.977
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
30
40
50
60
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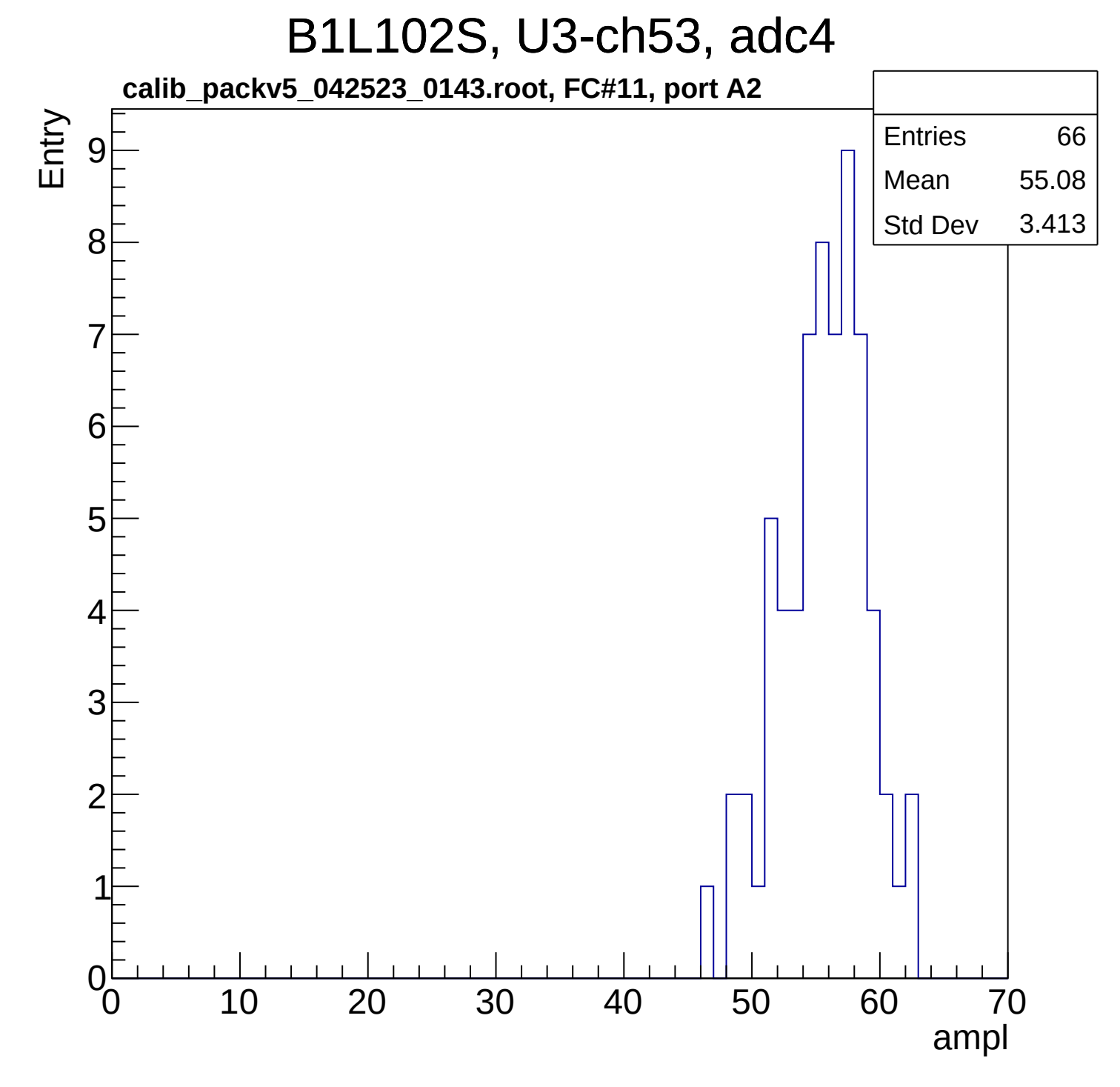
B1L102S, U3-ch53, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 55.08
Std Dev 3.413
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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60
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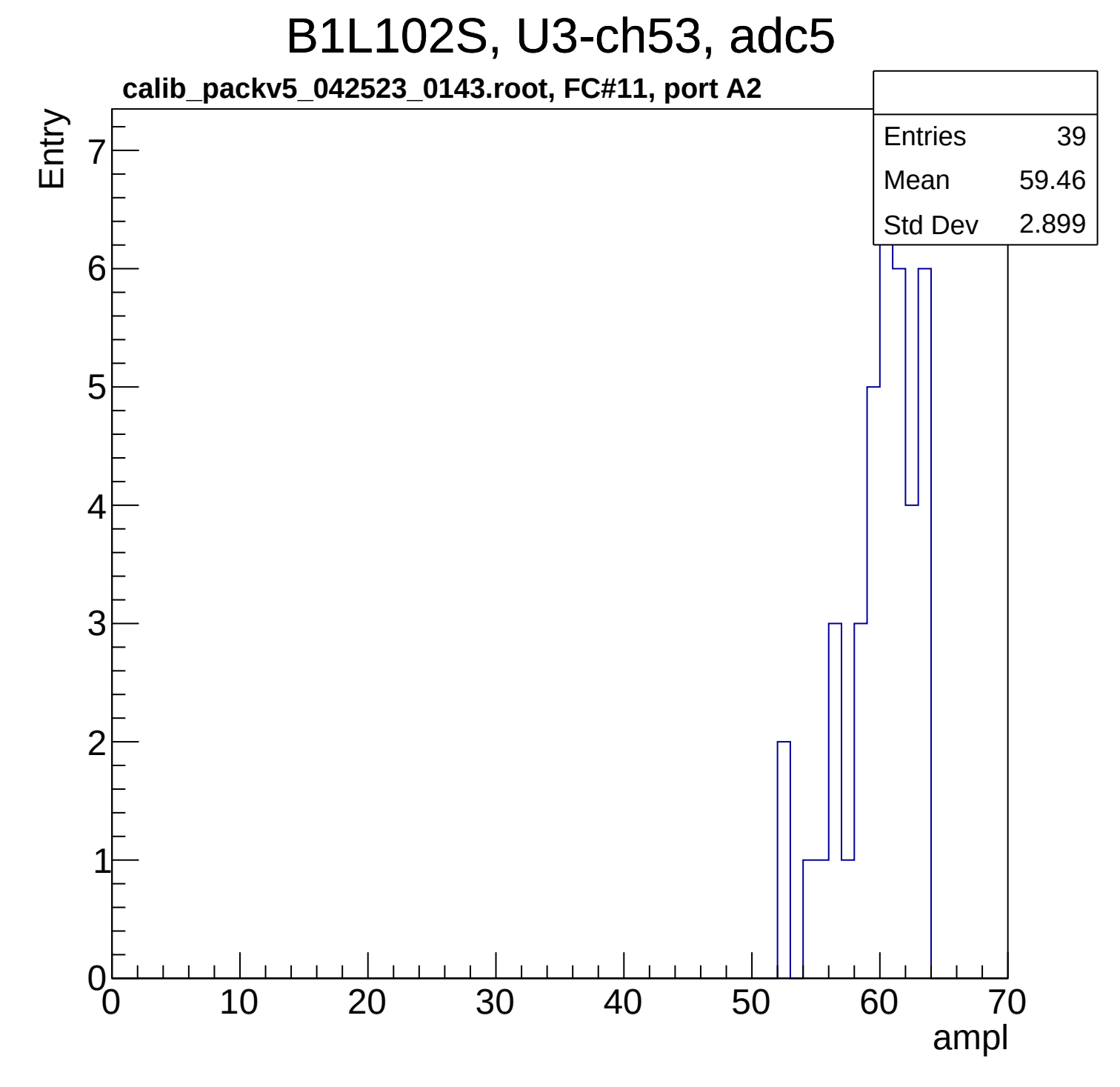
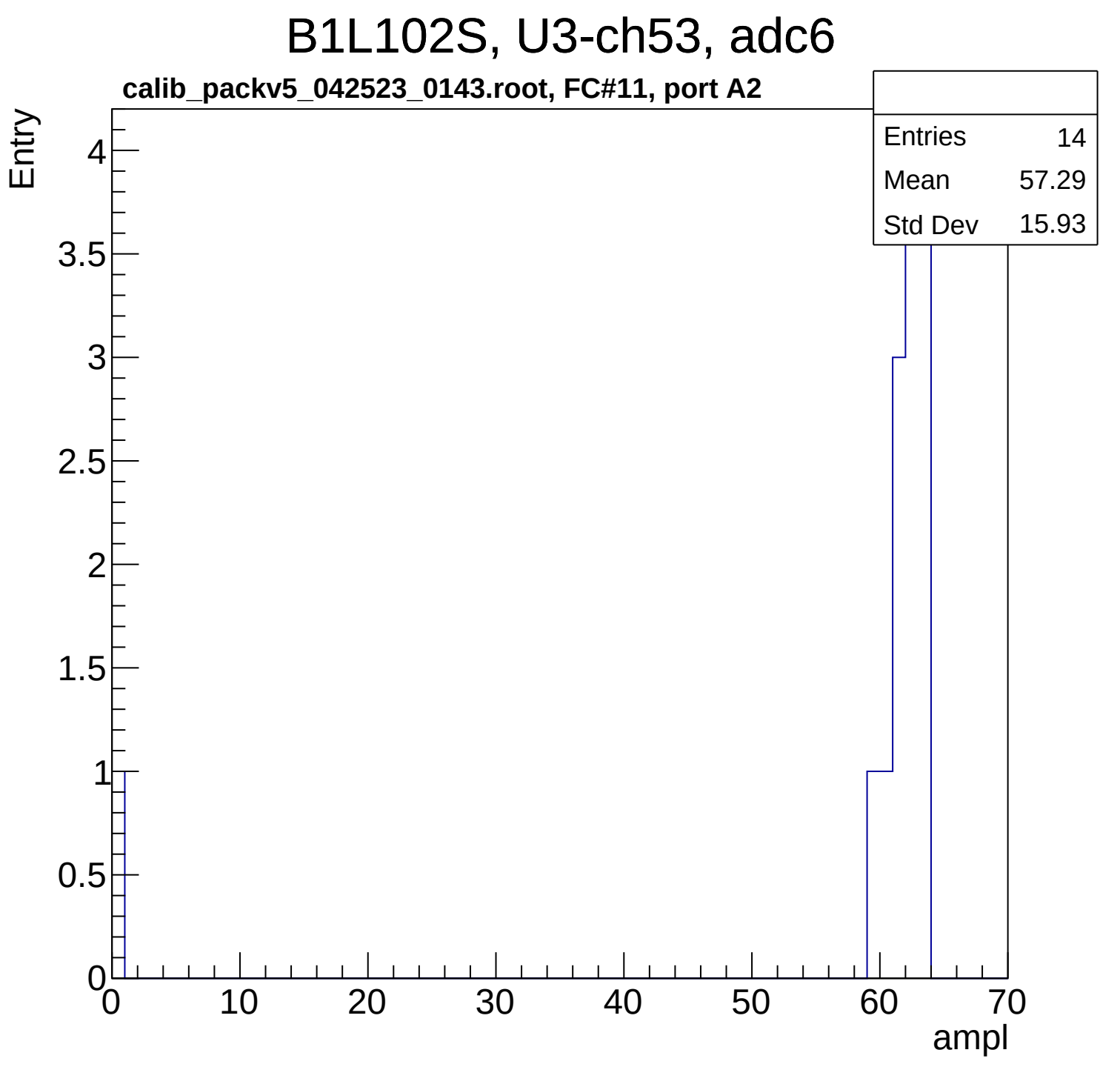

B1L102S, U3-ch53, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 59.46
Std Dev 2.899
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch53, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 57.29
Std Dev 15.93
Entry
ampl
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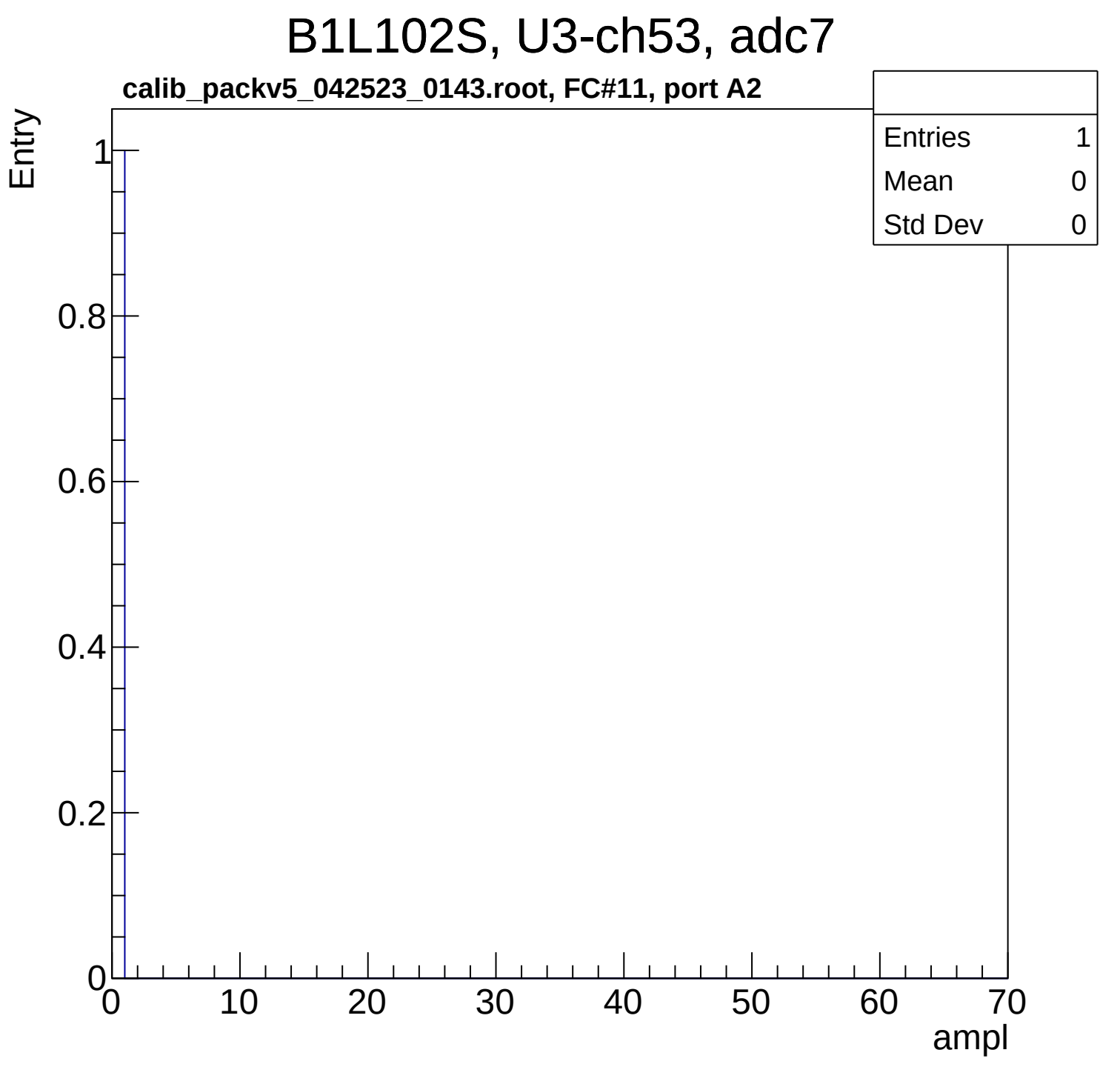
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch53, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
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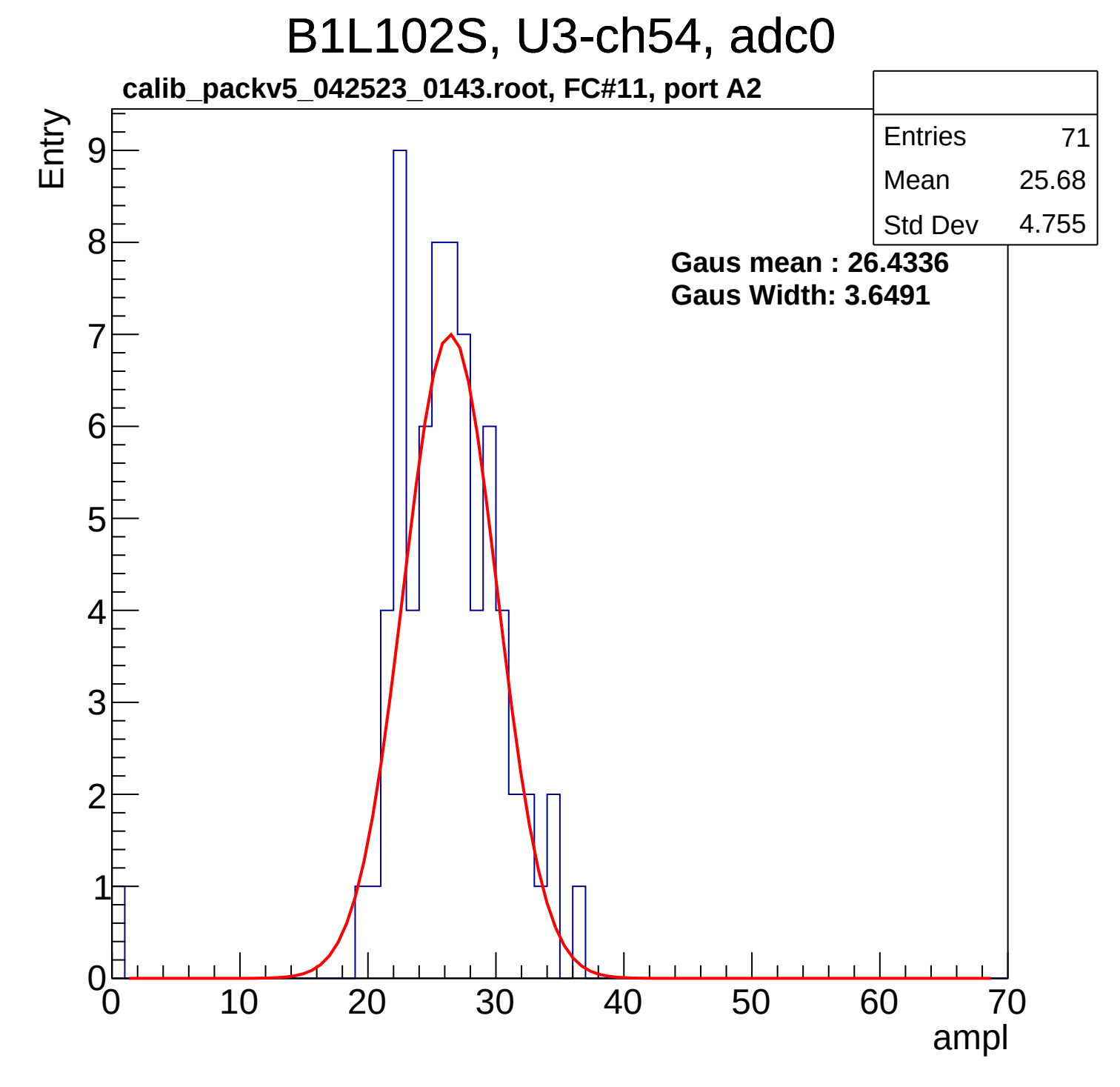
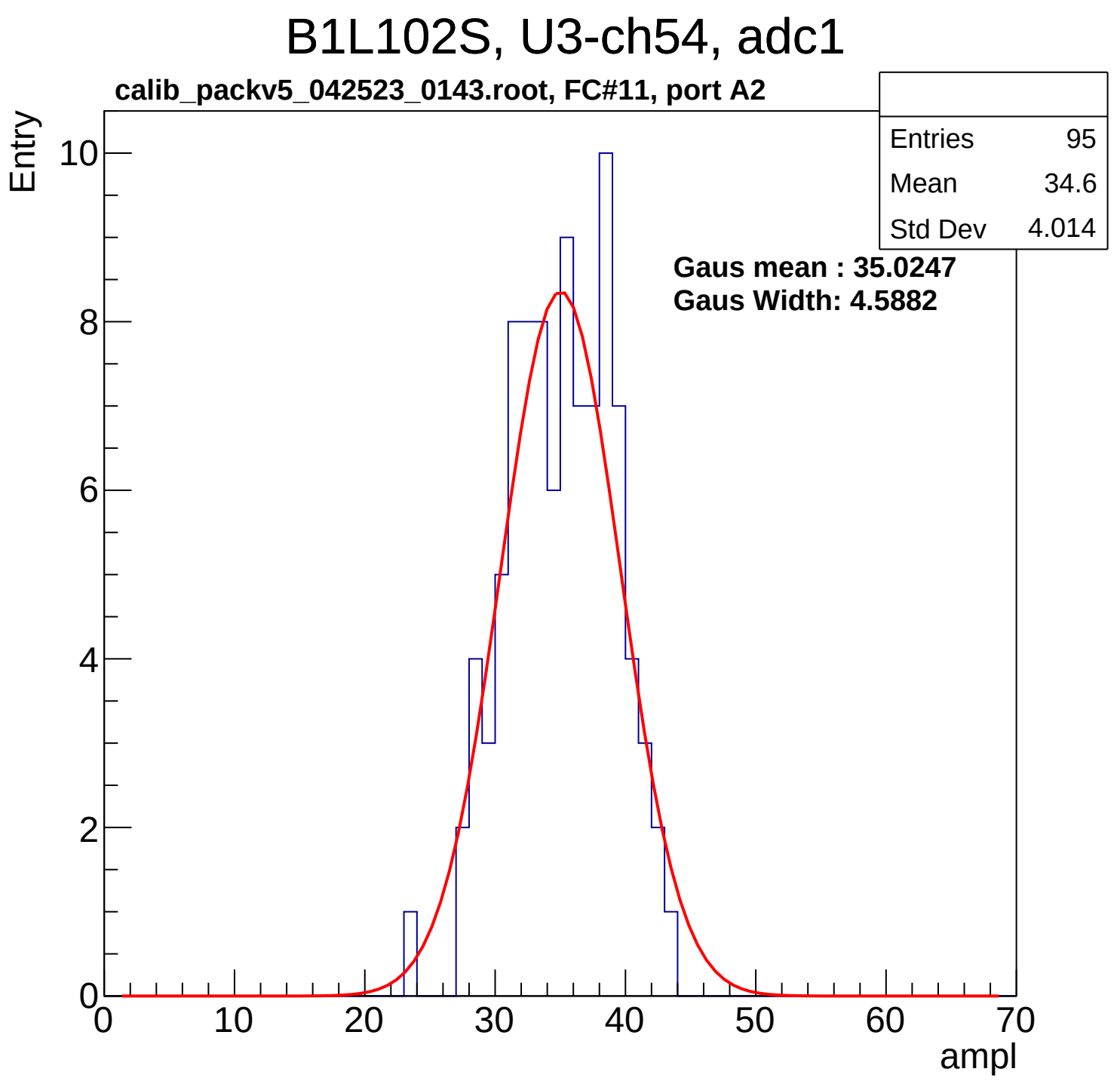
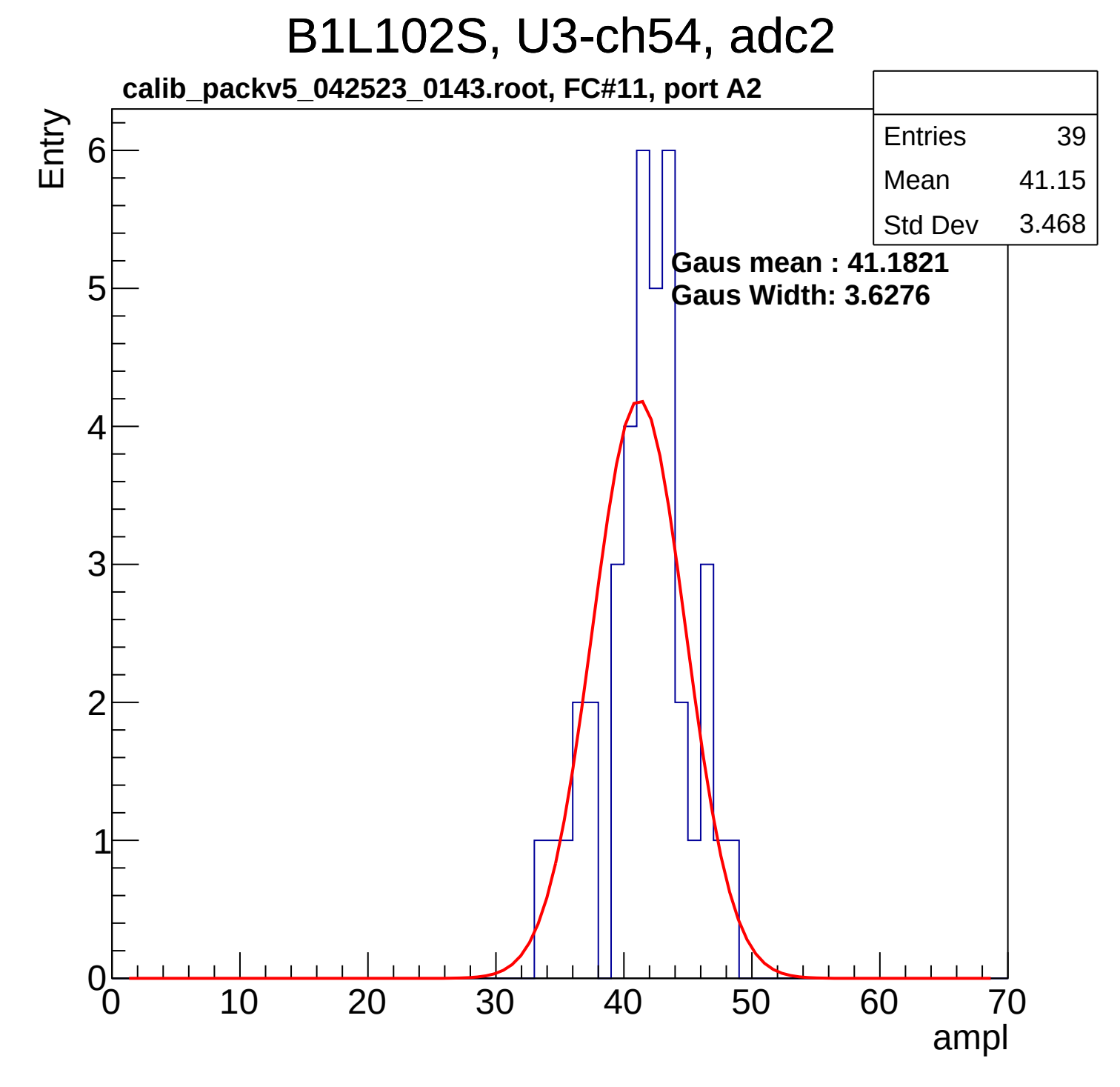
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch54, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 25.68
Std Dev 4.755
Gaus mean : 26.4336
Gaus Width: 3.6491
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch54, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 95
Mean 34.6
Std Dev 4.014
Gaus mean : 35.0247
Gaus Width: 4.5882
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch54, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 41.15
Std Dev 3.468
Gaus mean : 41.1821
Gaus Width: 3.6276
Entry
ampl
0
1
2
3
4
5
6
0
10
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40
50
60
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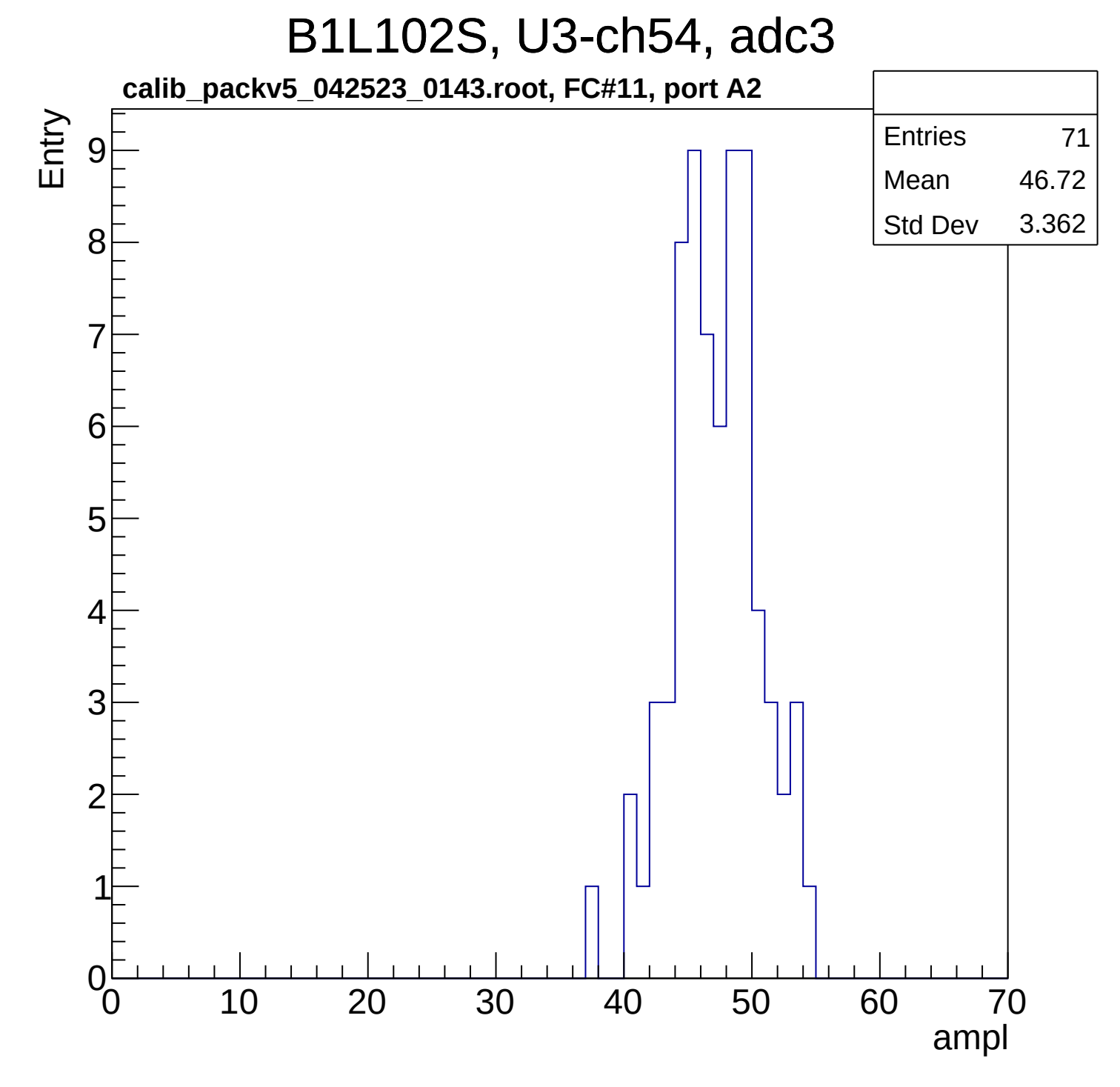
B1L102S, U3-ch54, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 46.72
Std Dev 3.362
Entry
ampl
0
1
2
3
4
5
6
7
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9
0
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40
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60
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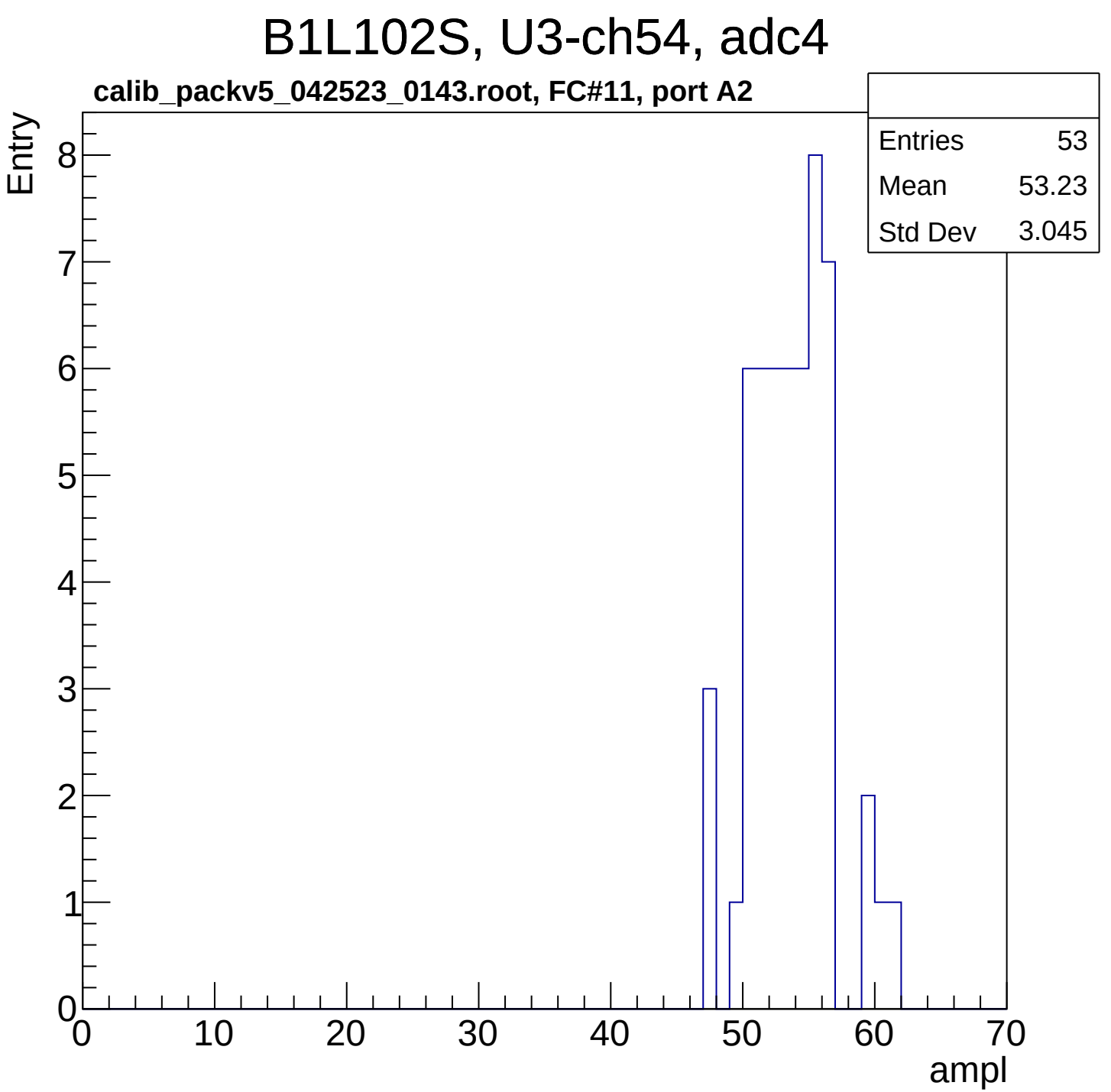
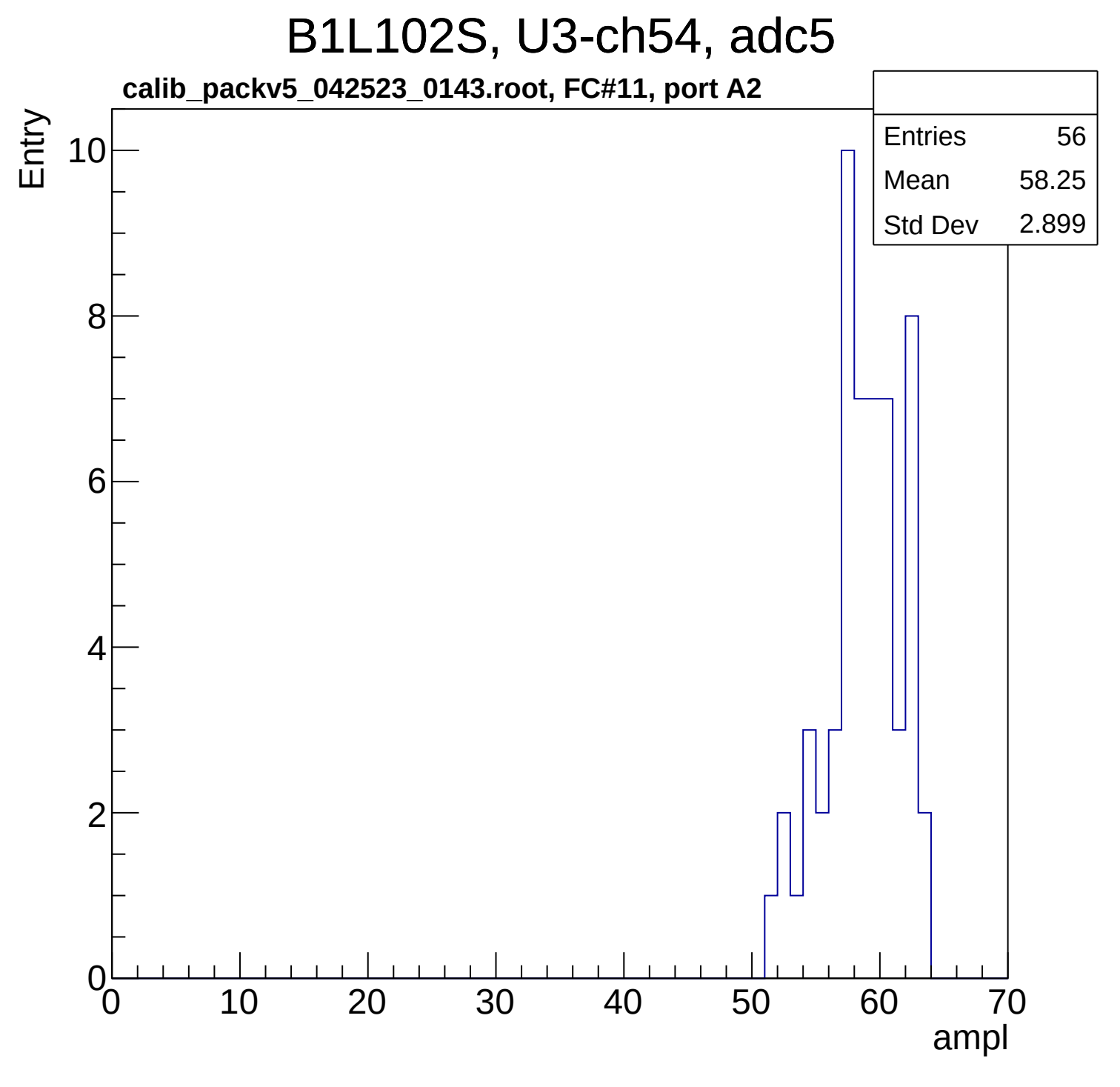
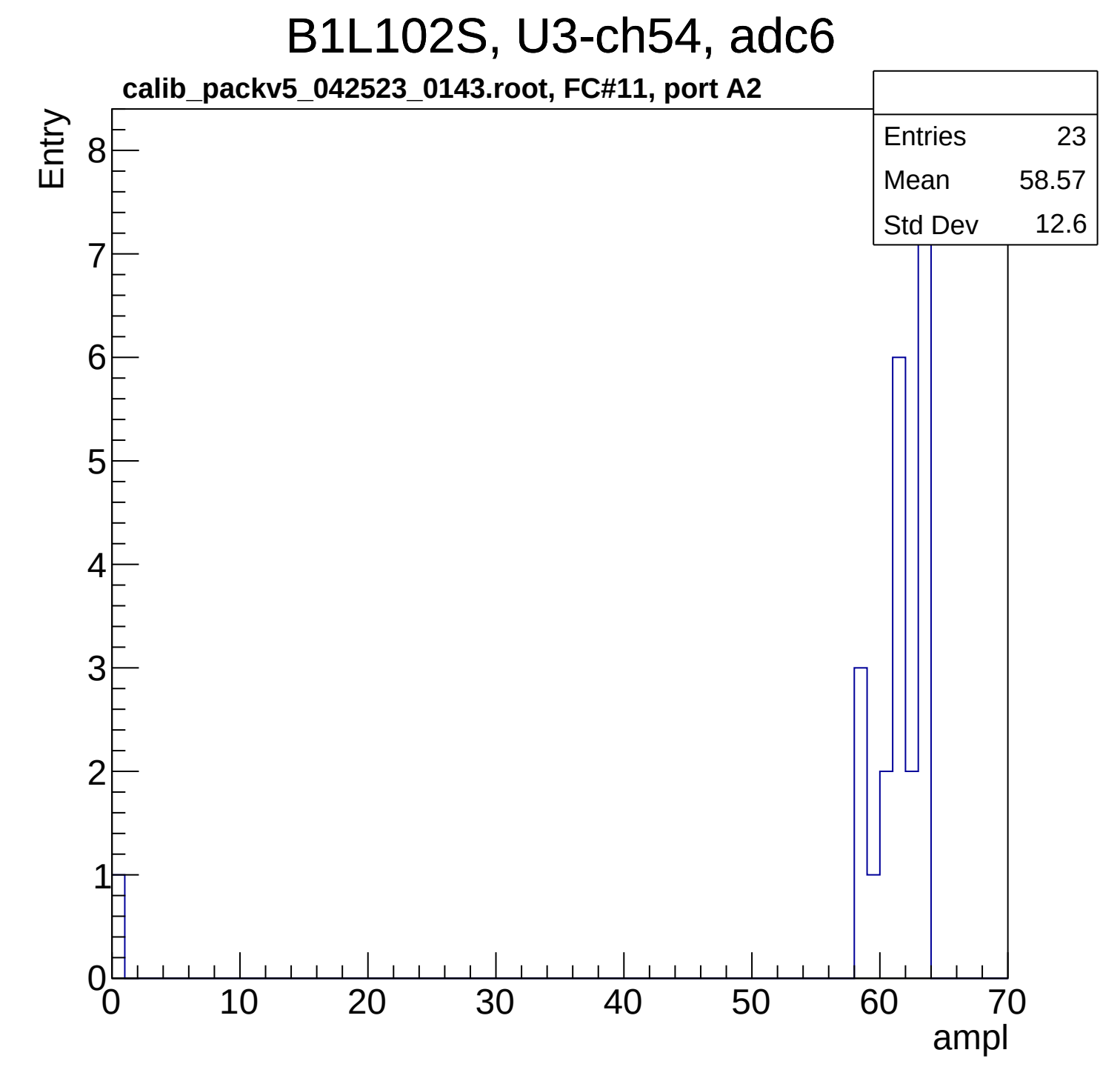

B1L102S, U3-ch54, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 53.23
Std Dev 3.045
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch54, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 58.25
Std Dev 2.899
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch54, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 23
Mean 58.57
Std Dev 12.6
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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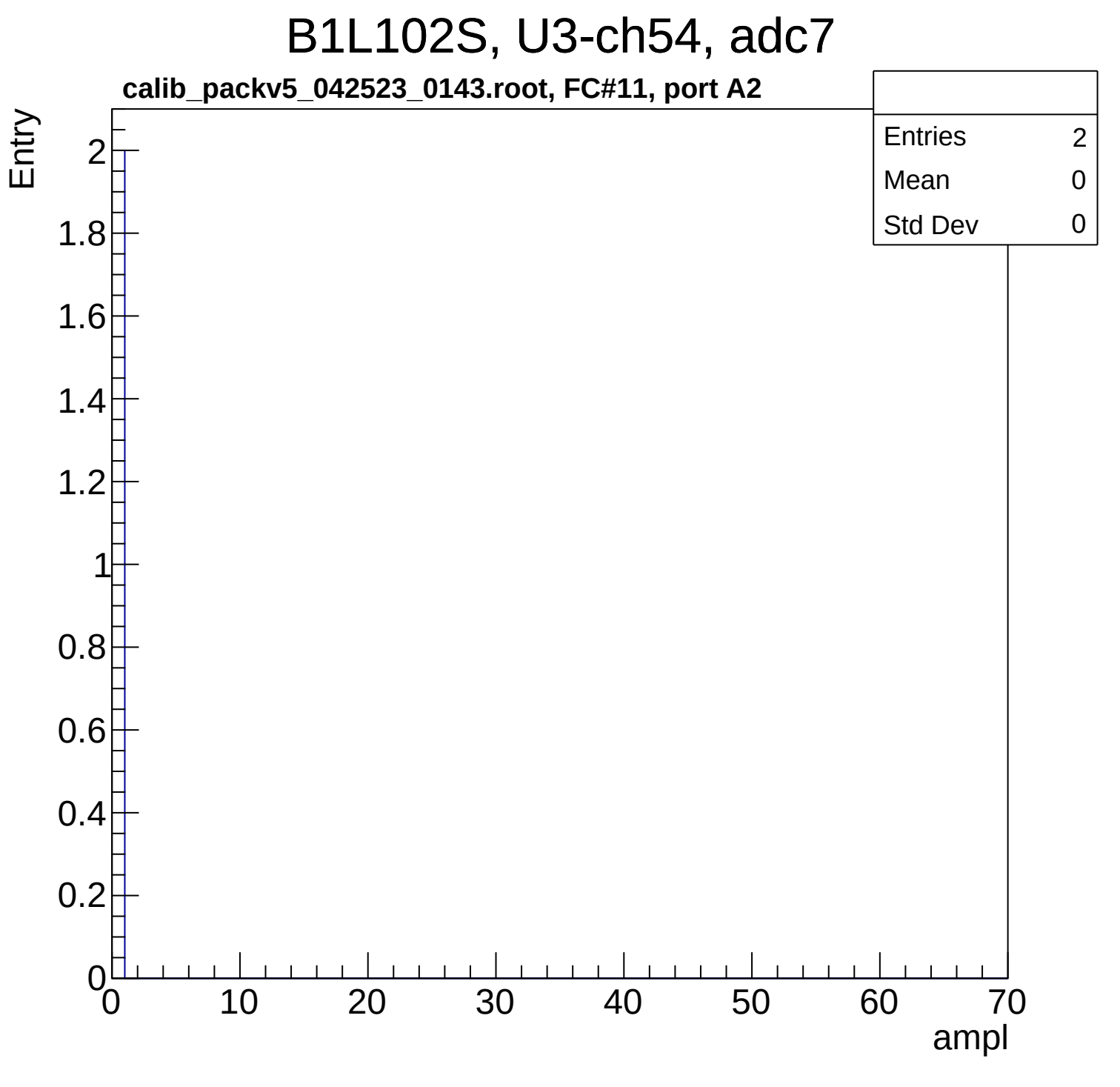
B1L102S, U3-ch54, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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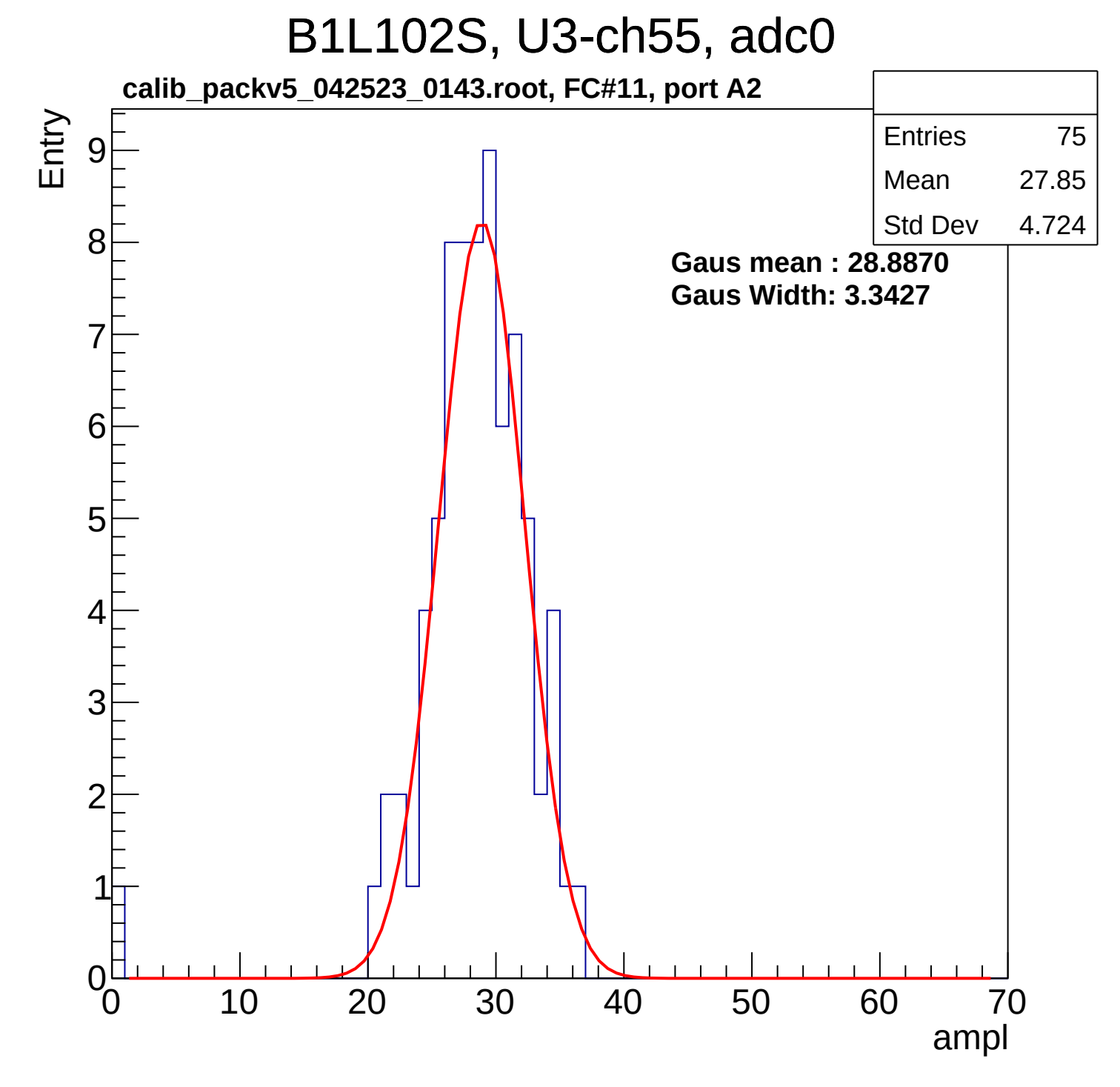
B1L102S, U3-ch55, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 27.85
Std Dev 4.724
Gaus mean : 28.8870
Gaus Width: 3.3427
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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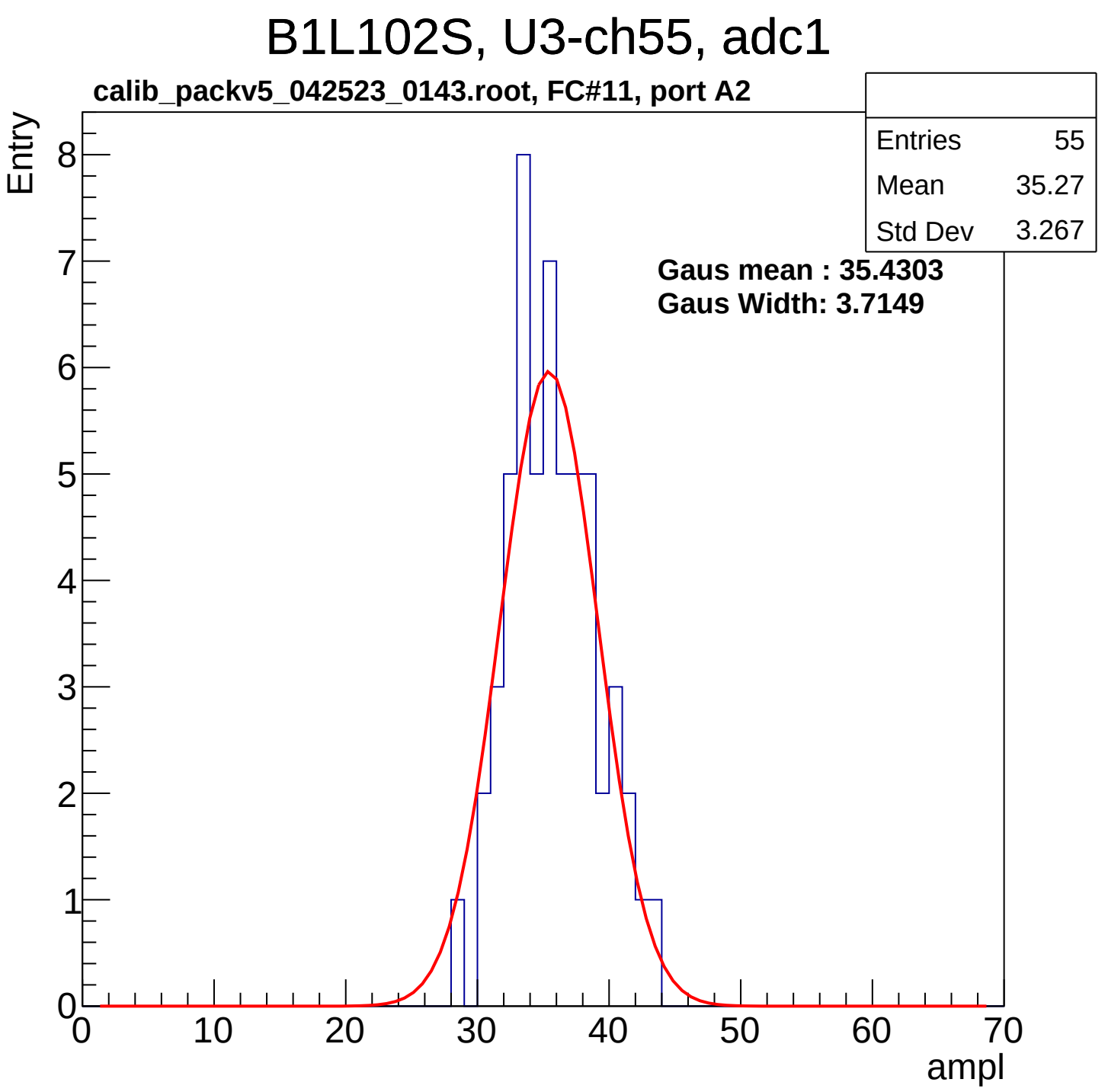
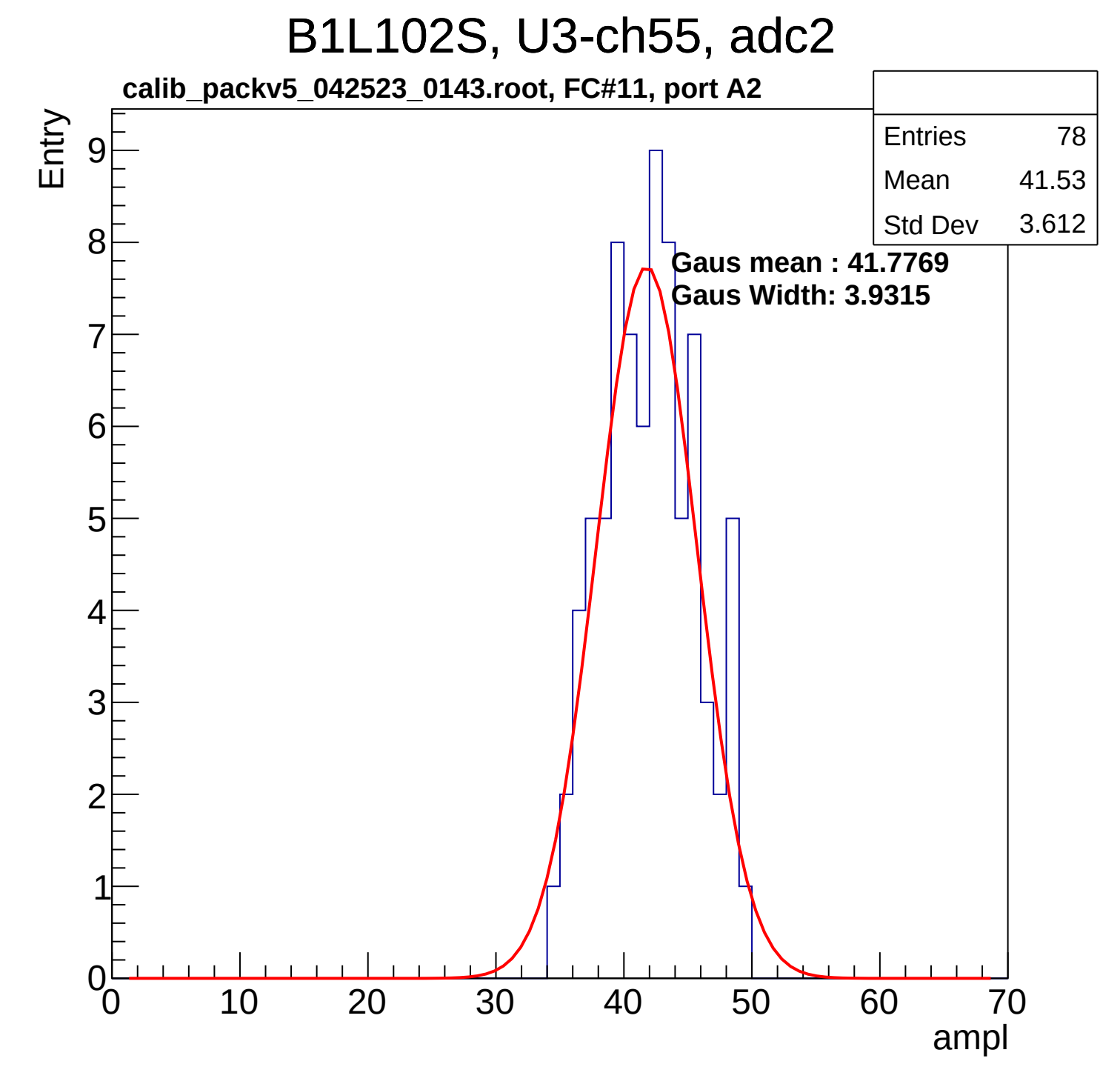
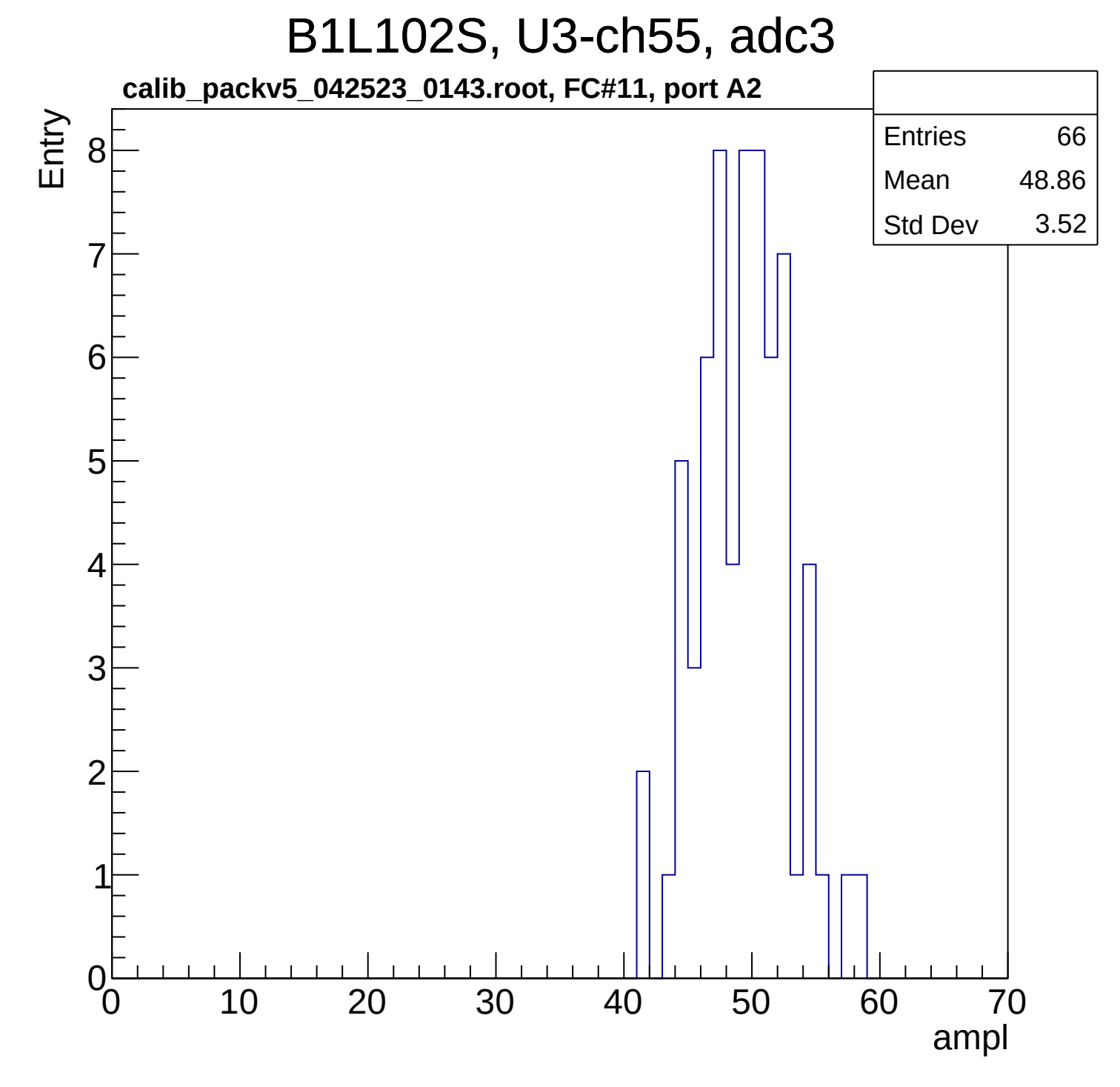
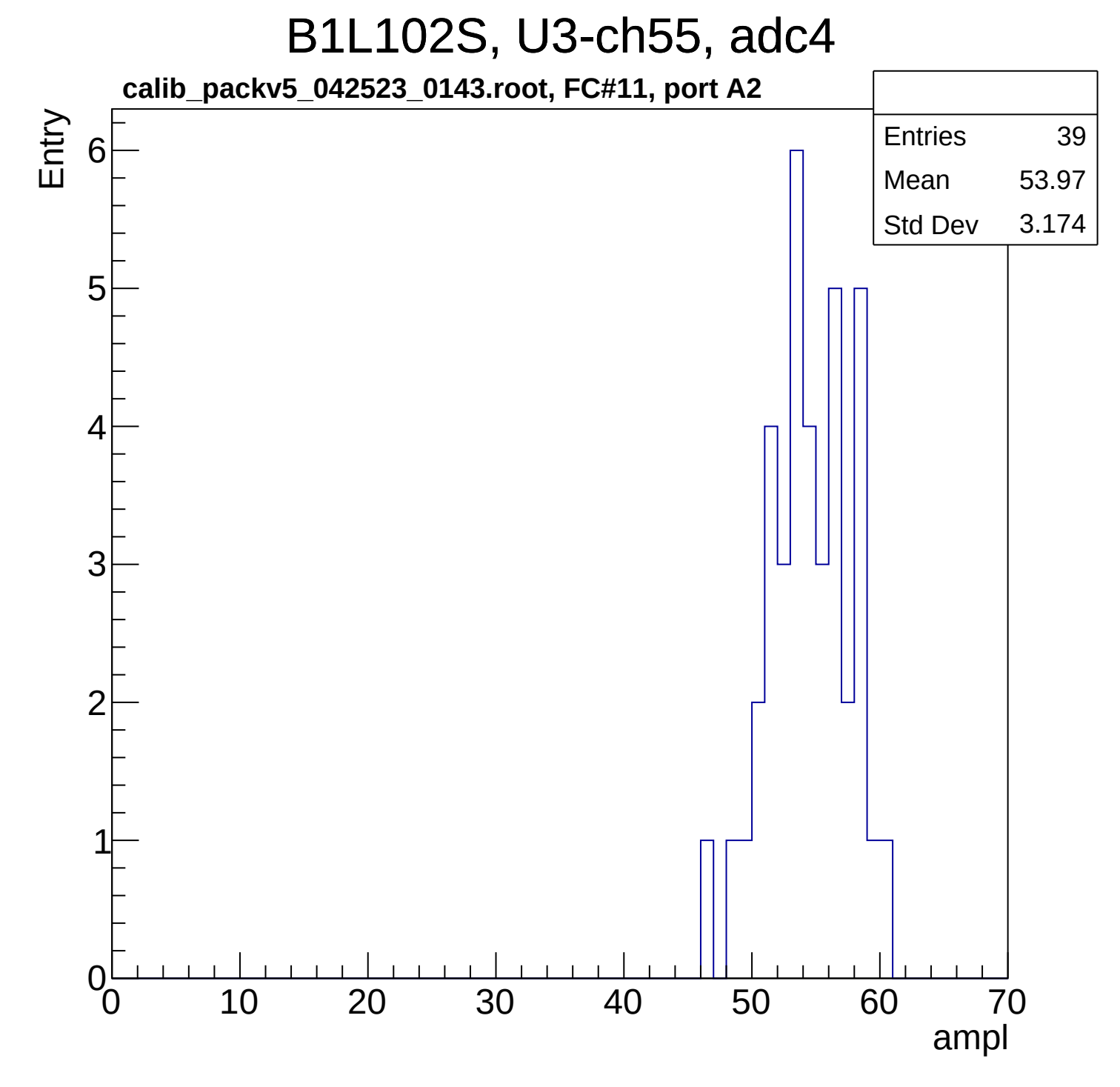
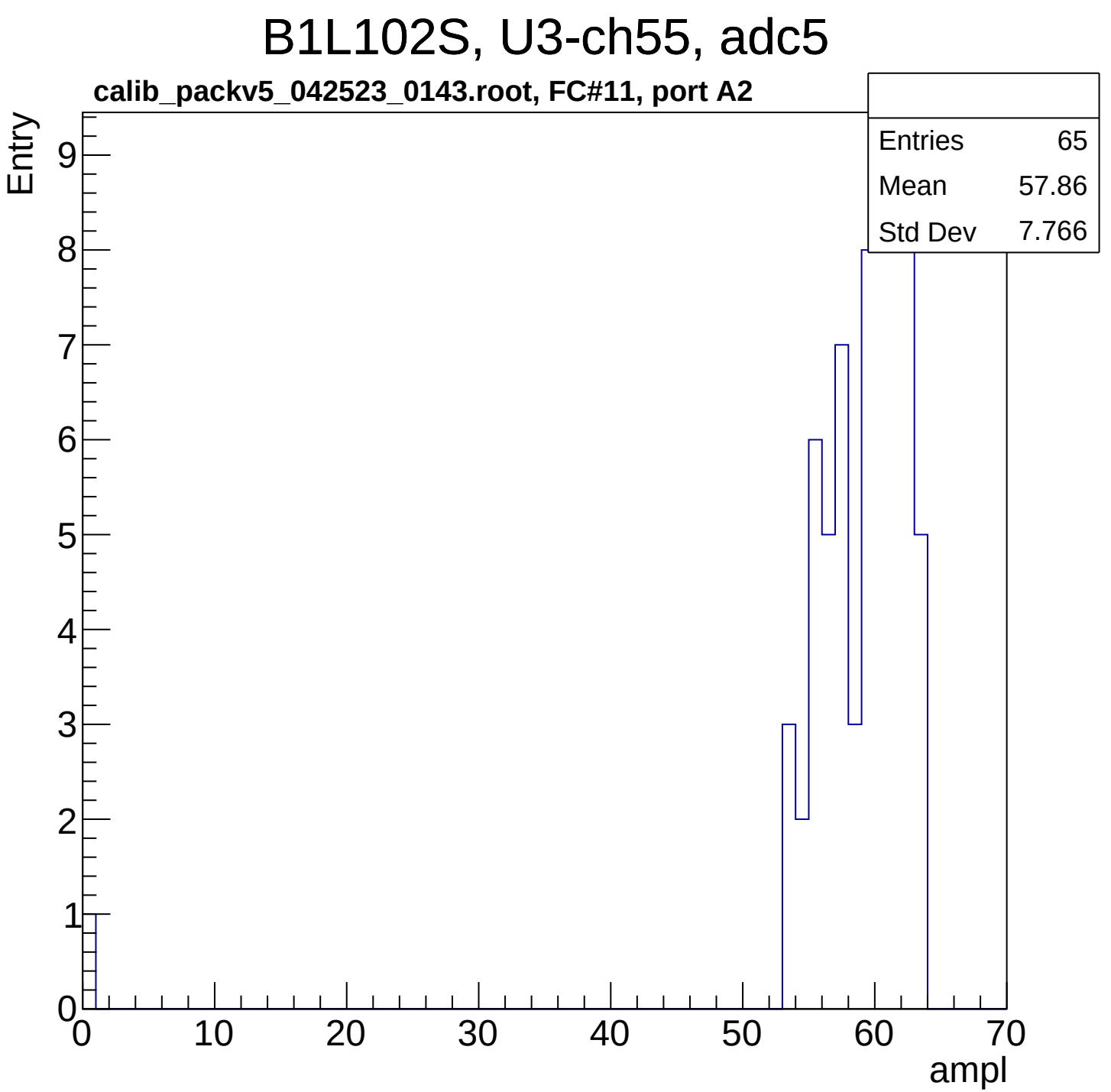
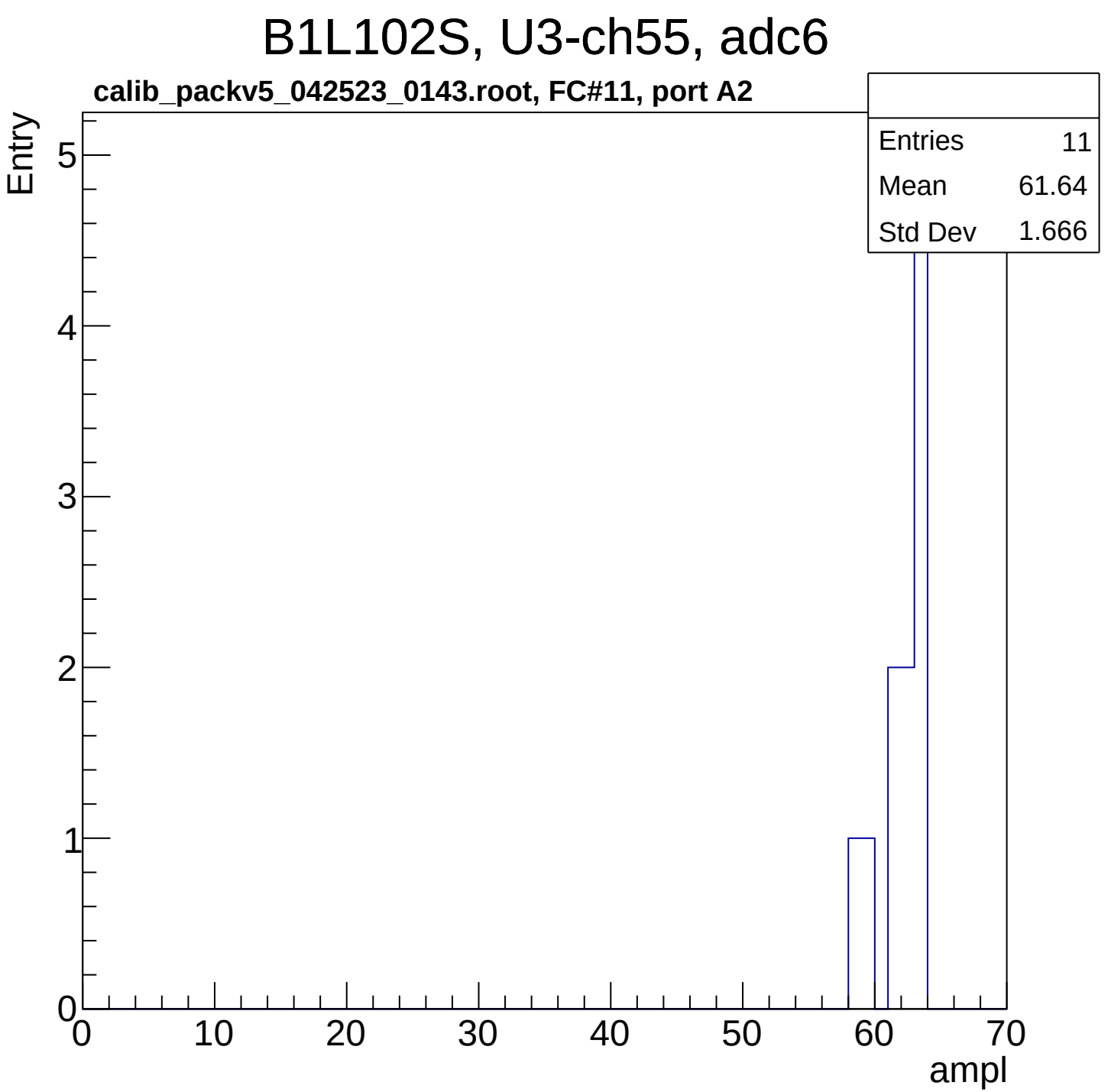

B1L102S, U3-ch55, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 35.27
Std Dev 3.267
Gaus mean : 35.4303
Gaus Width: 3.7149
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

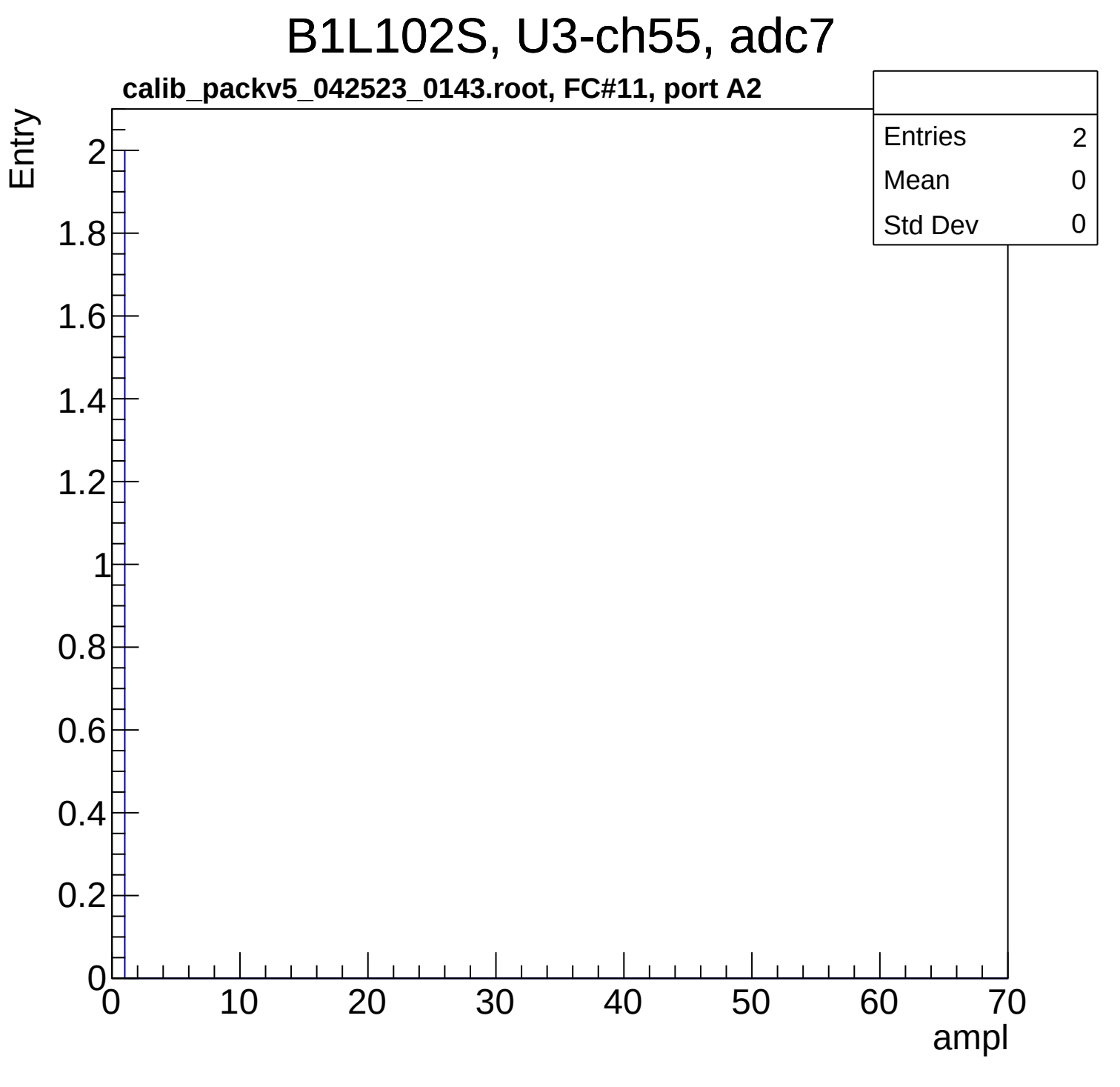

B1L102S, U3-ch55, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 41.53
Std Dev 3.612
Gaus mean : 41.7769
Gaus Width: 3.9315
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

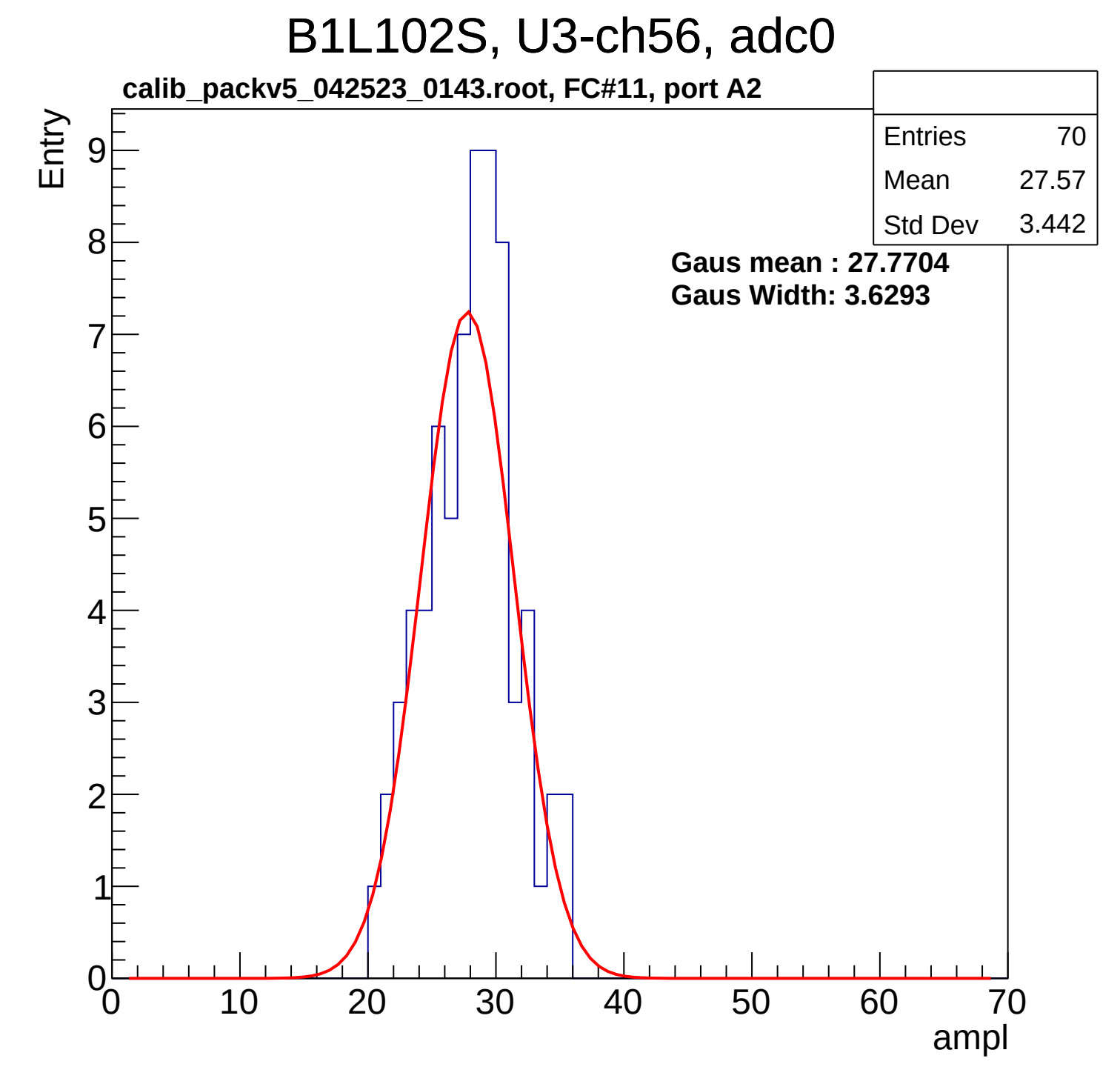

B1L102S, U3-ch55, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 48.86
Std Dev 3.52
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

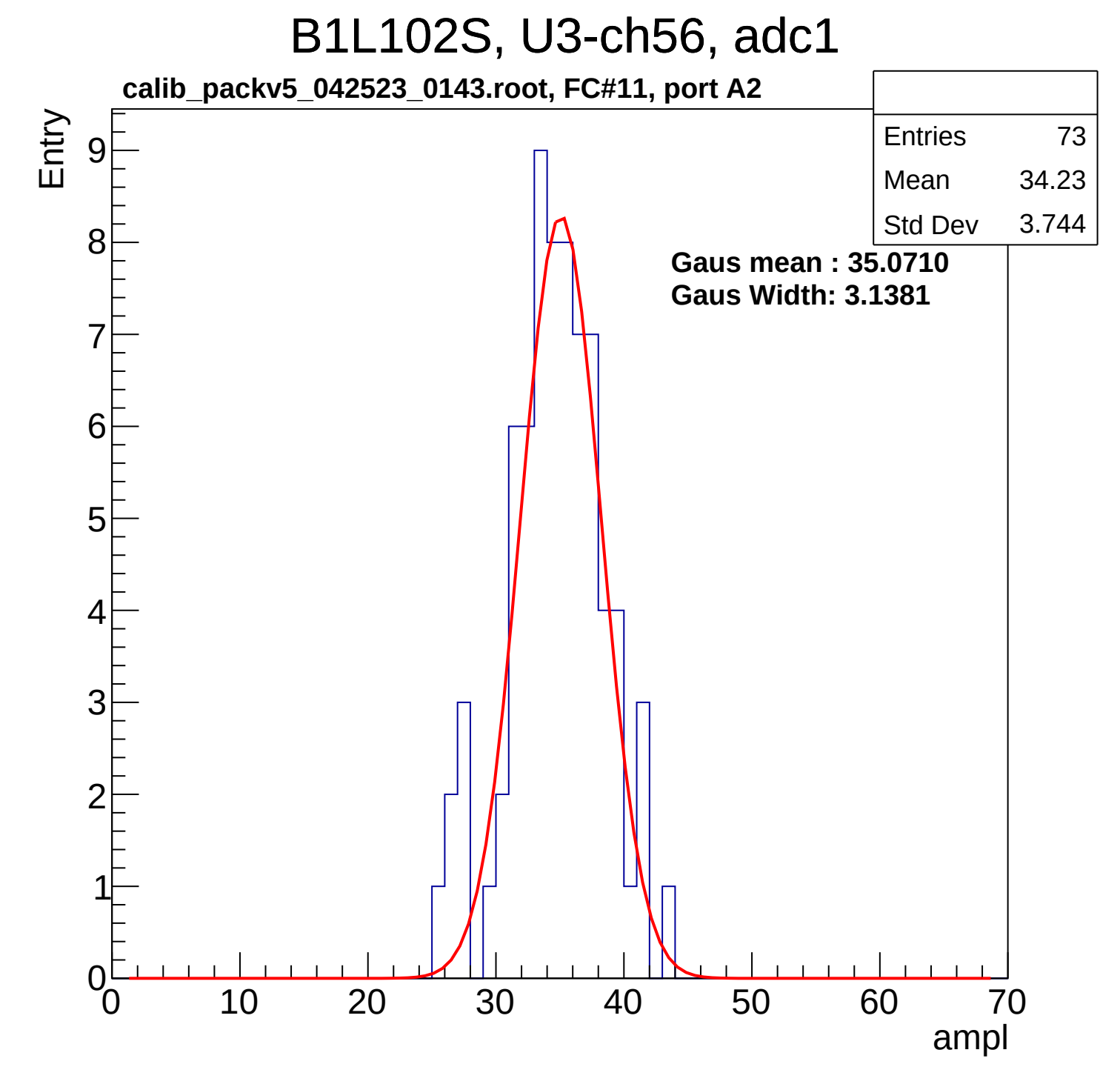

B1L102S, U3-ch55, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 53.97
Std Dev 3.174
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

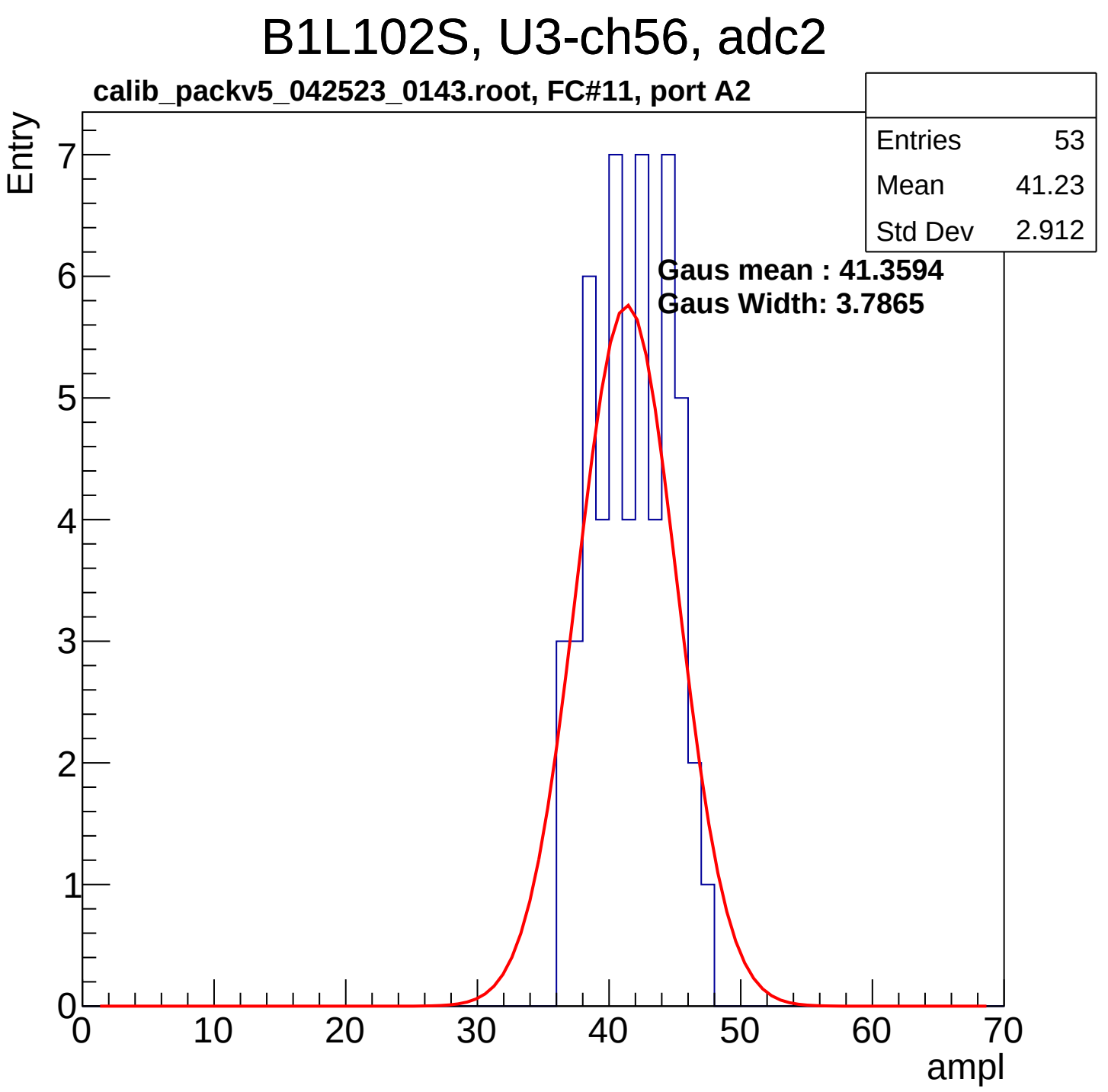

B1L102S, U3-ch55, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 57.86
Std Dev 7.766
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

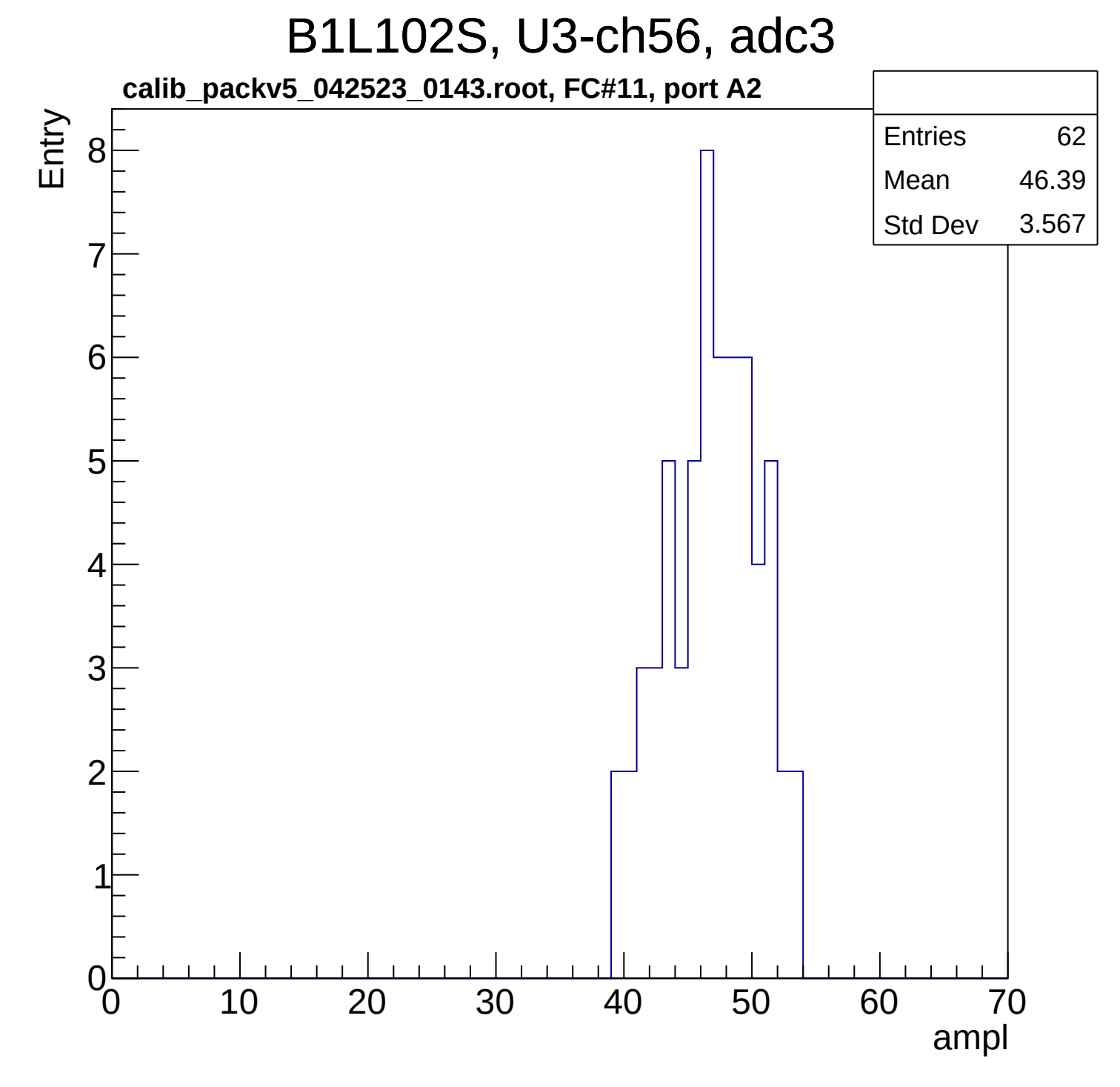

B1L102S, U3-ch55, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 61.64
Std Dev 1.666
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

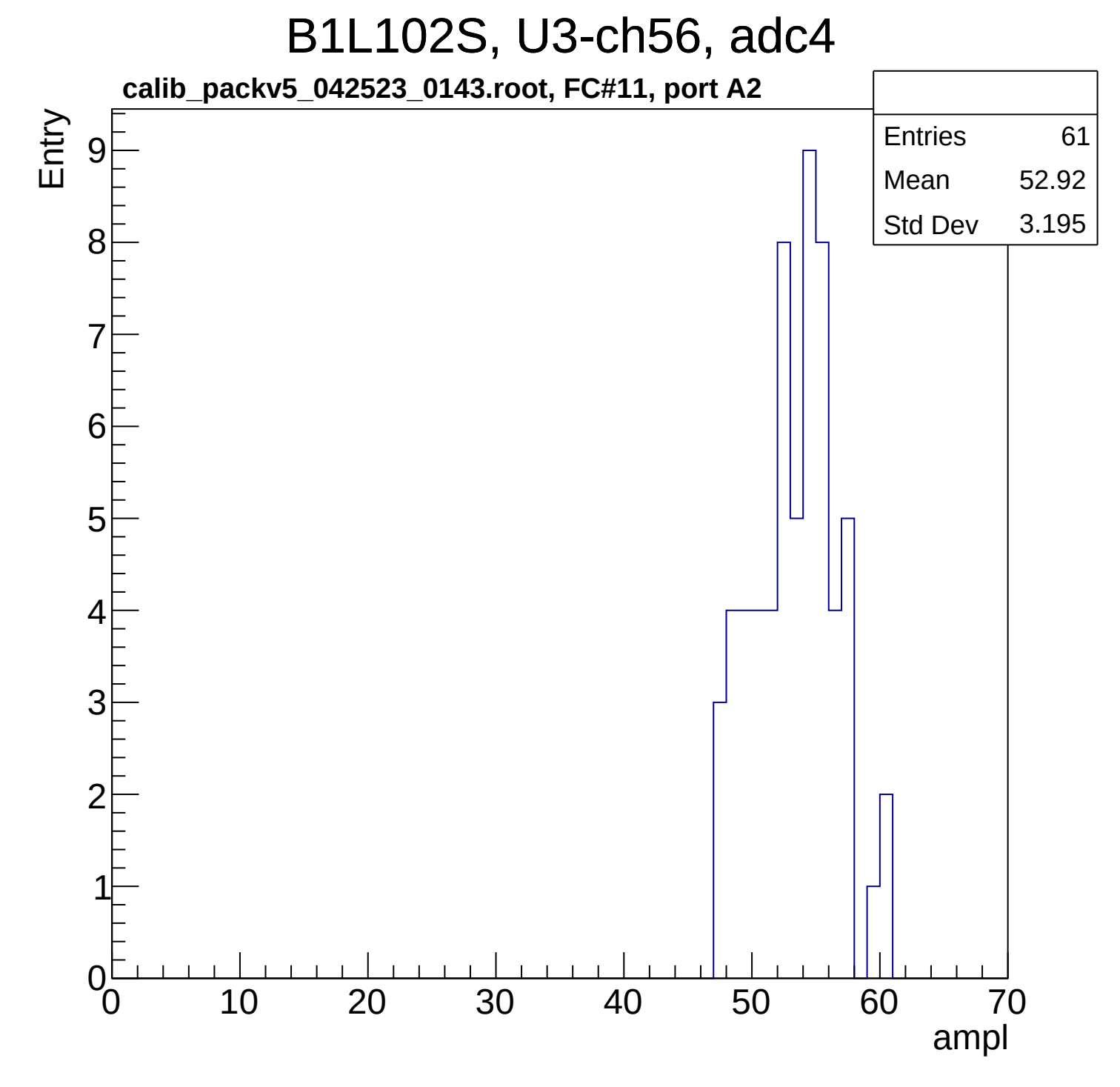

B1L102S, U3-ch55, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch56, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 27.57
Std Dev 3.442
Gaus mean : 27.7704
Gaus Width: 3.6293
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch56, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 34.23
Std Dev 3.744
Gaus mean : 35.0710
Gaus Width: 3.1381
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch56, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 41.23
Std Dev 2.912
Gaus mean : 41.3594
Gaus Width: 3.7865
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch56, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 46.39
Std Dev 3.567
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch56, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 52.92
Std Dev 3.195
Entry
ampl
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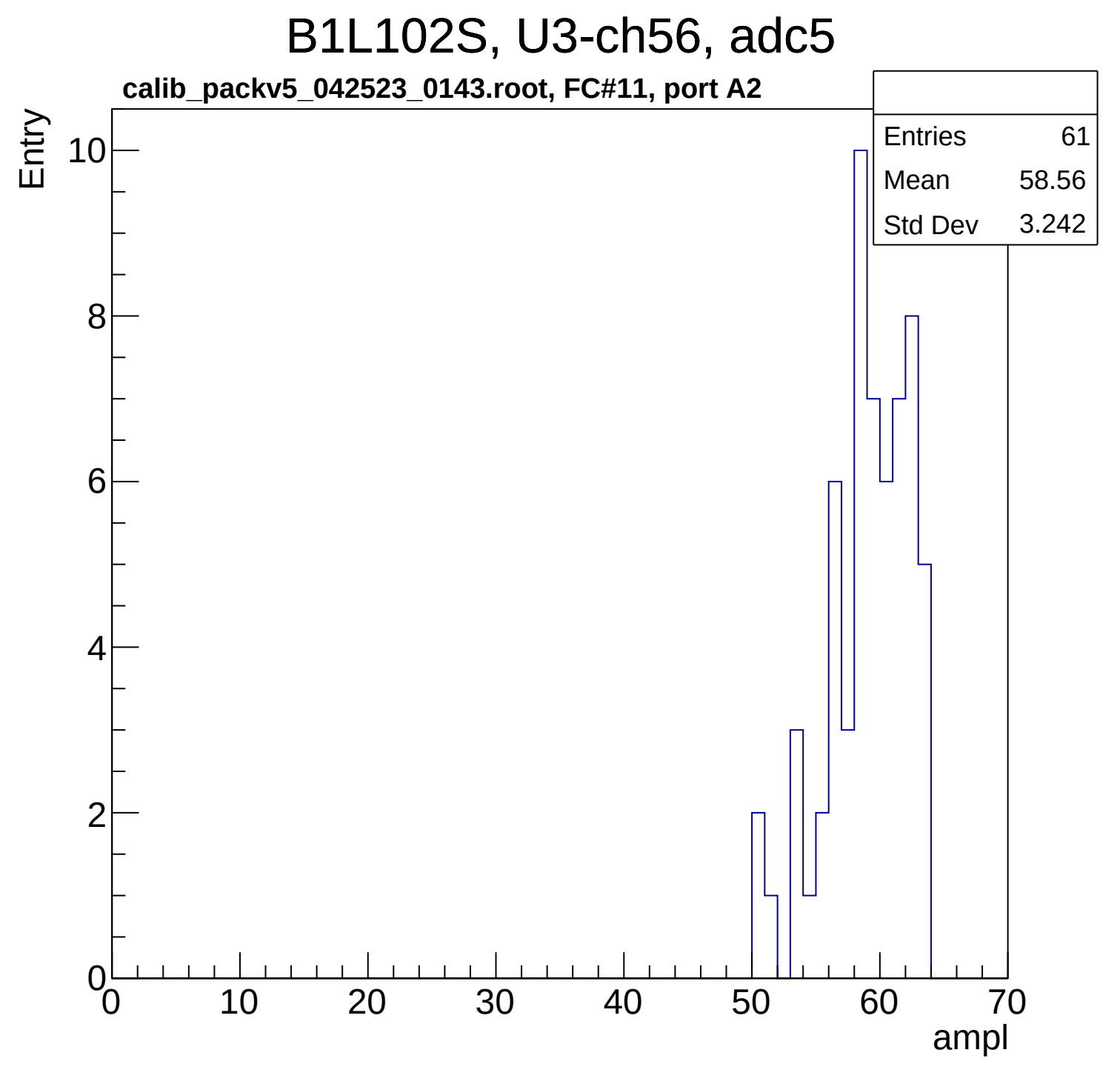
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch56, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 58.56
Std Dev 3.242
Entry
ampl
0
2
4
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0
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20
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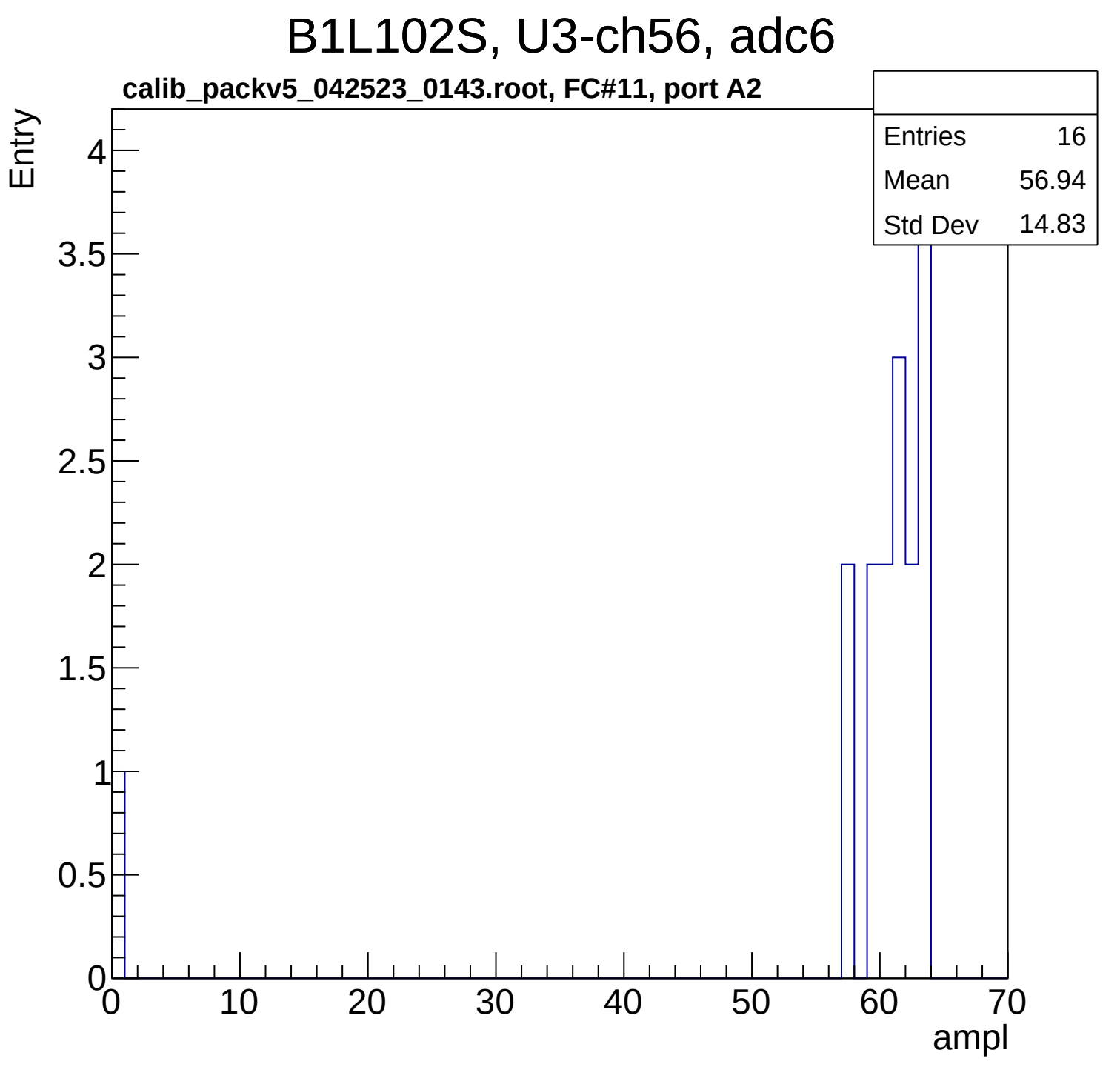
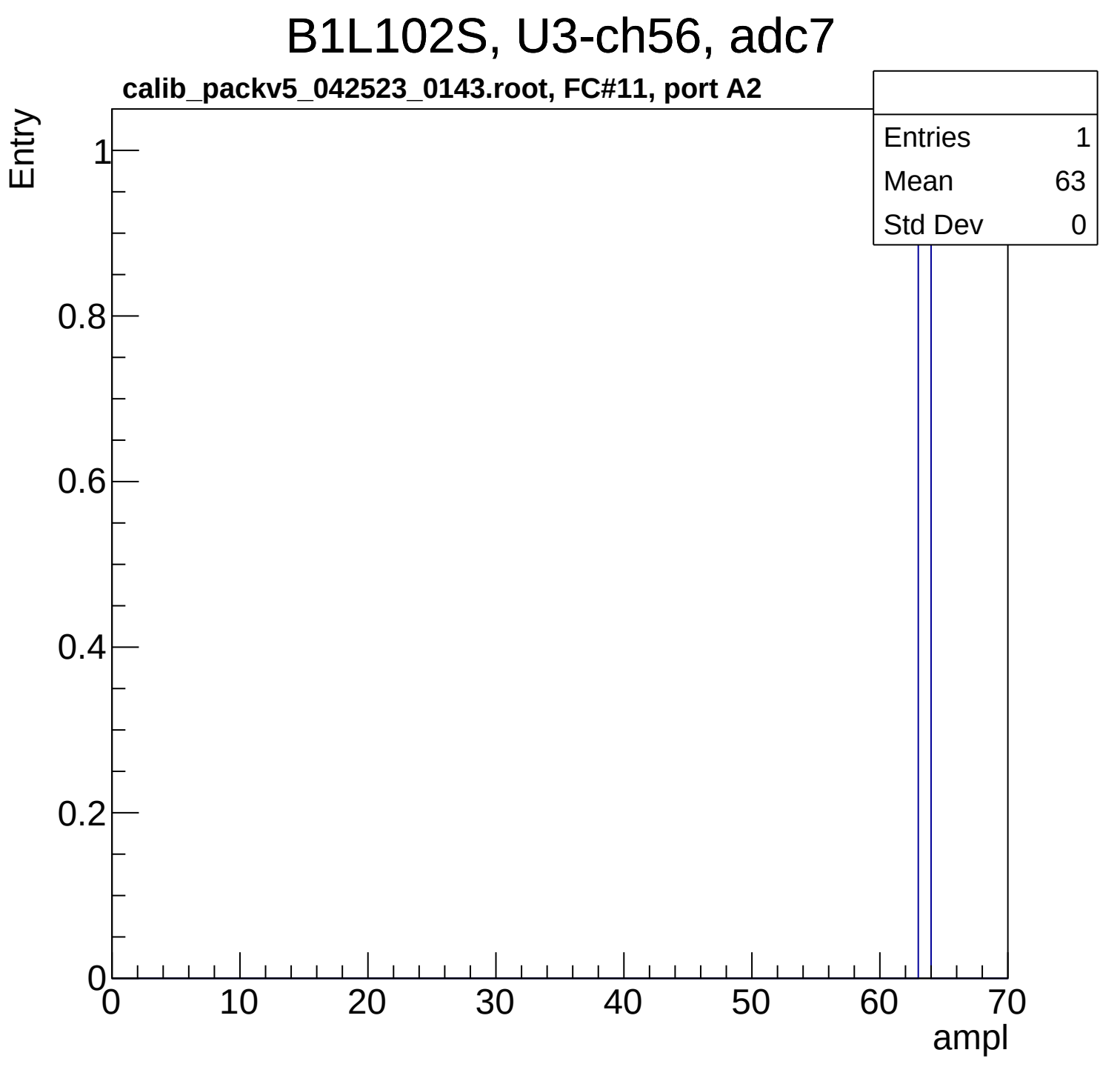
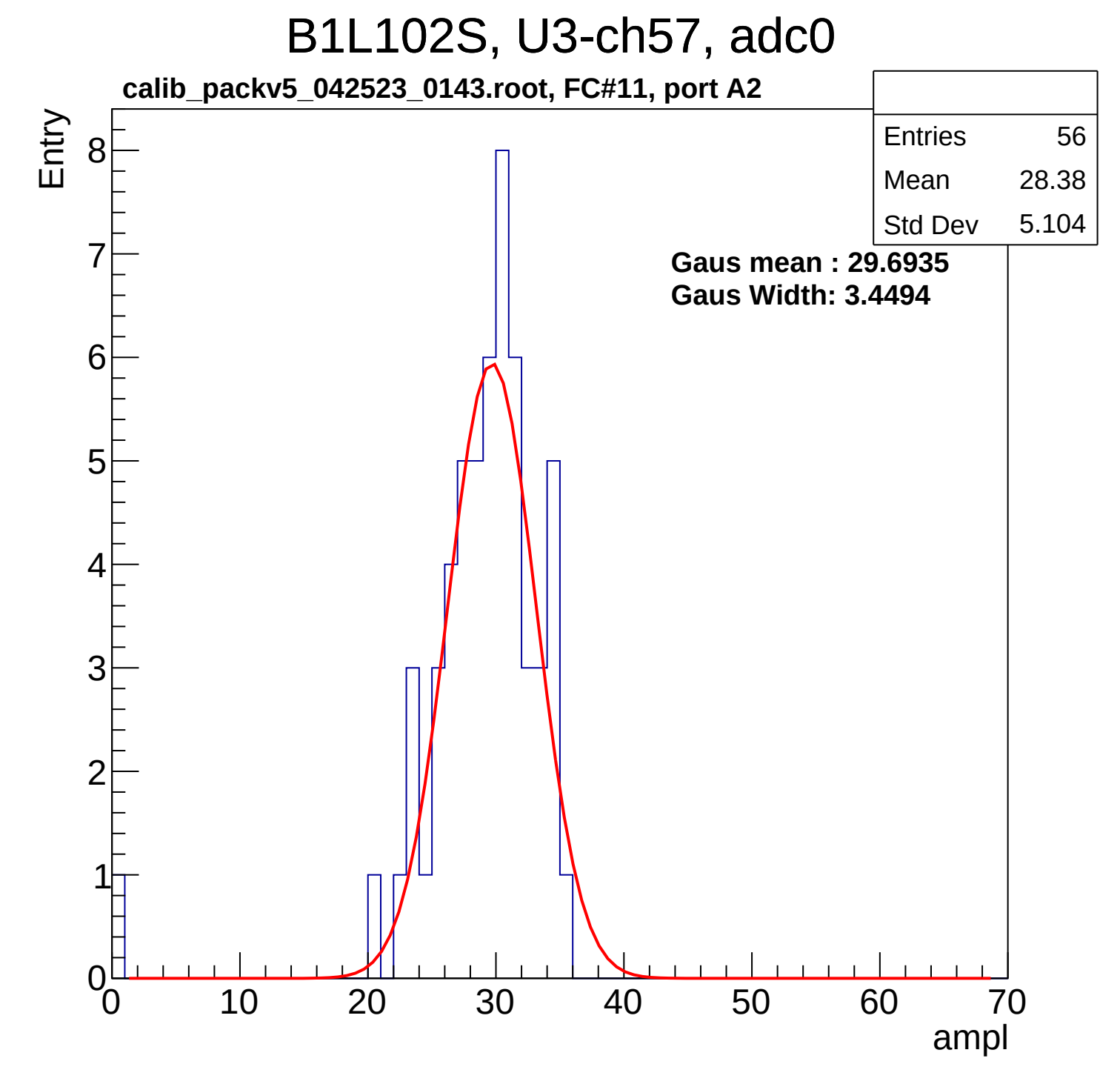
40
50
60
70


B1L102S, U3-ch56, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 16
Mean 56.94
Std Dev 14.83
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch56, 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, U3-ch57, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 28.38
Std Dev 5.104
Gaus mean : 29.6935
Gaus Width: 3.4494
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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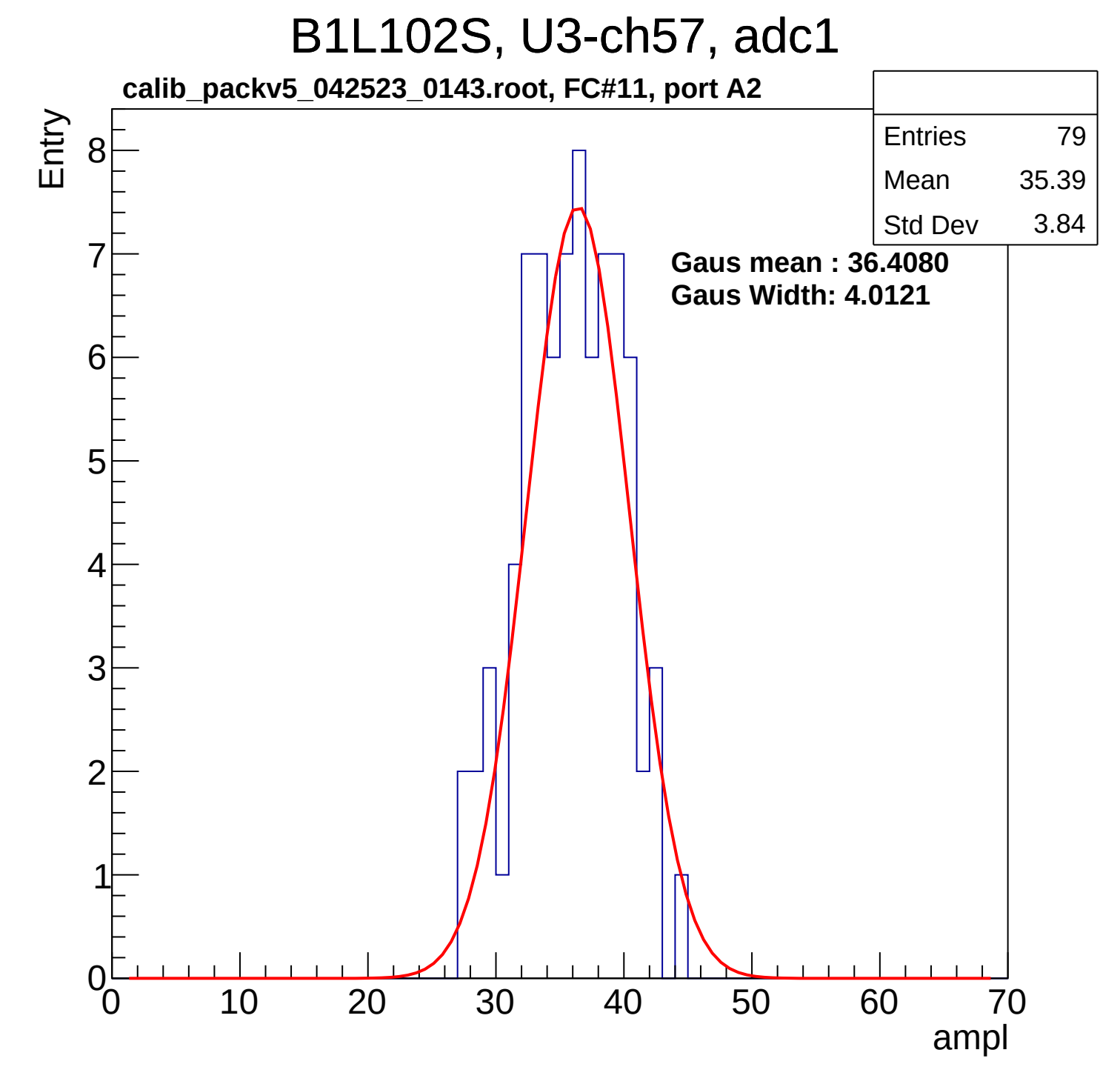
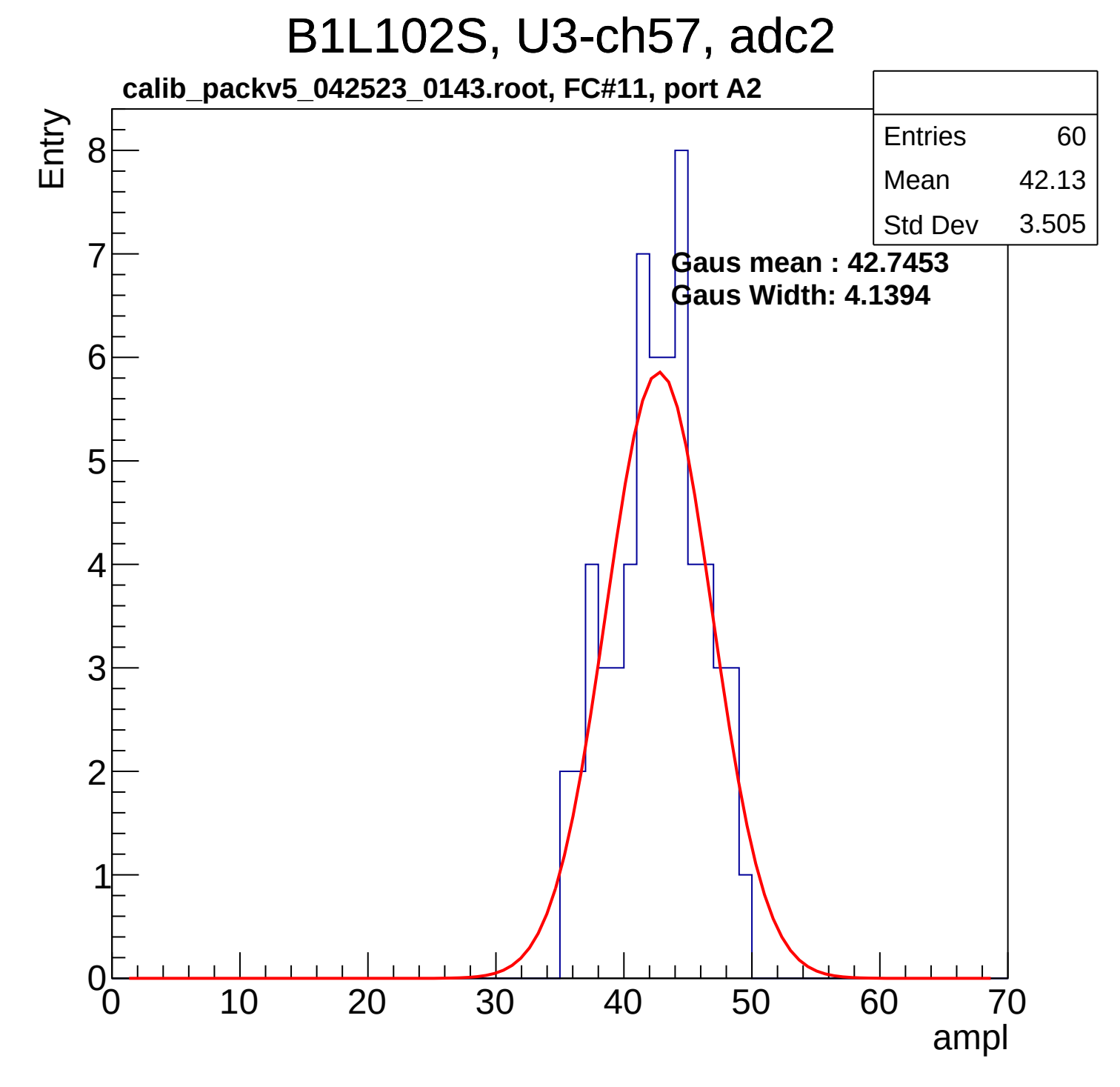
60
70


B1L102S, U3-ch57, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 35.39
Std Dev 3.84
Gaus mean : 36.4080
Gaus Width: 4.0121
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch57, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 42.13
Std Dev 3.505
Gaus mean : 42.7453
Gaus Width: 4.1394
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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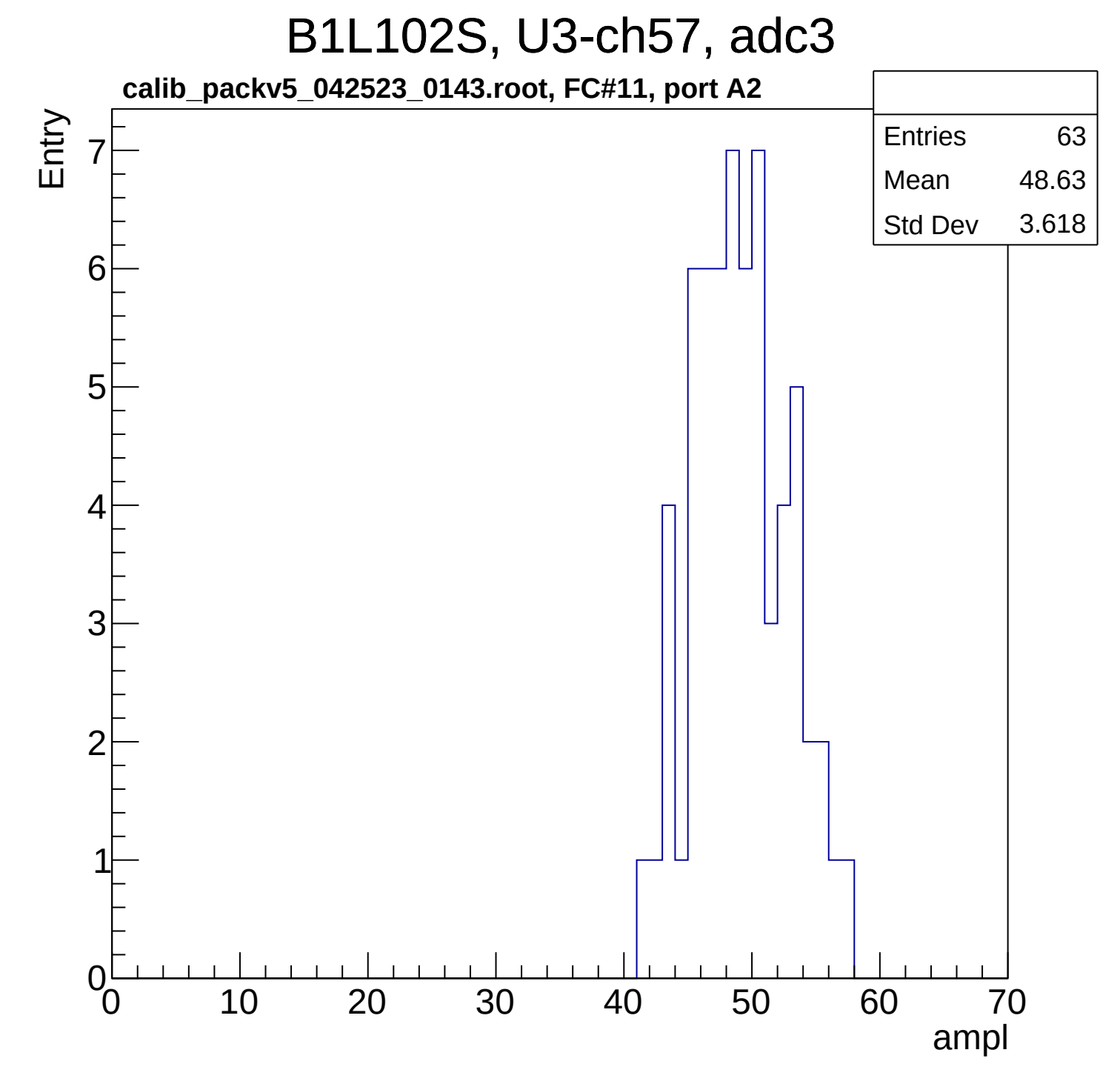
B1L102S, U3-ch57, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.63
Std Dev 3.618
Entry
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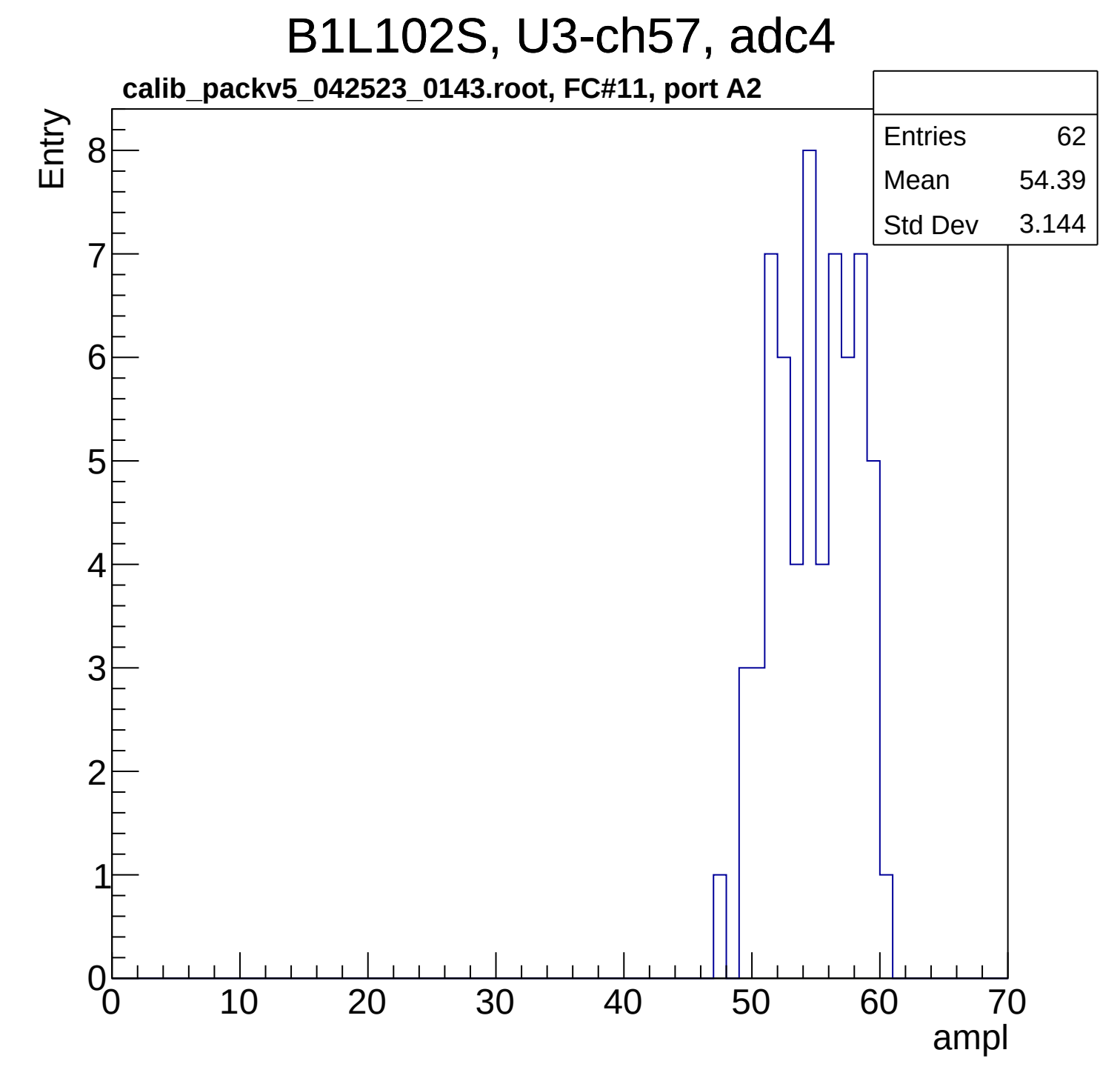
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch57, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 54.39
Std Dev 3.144
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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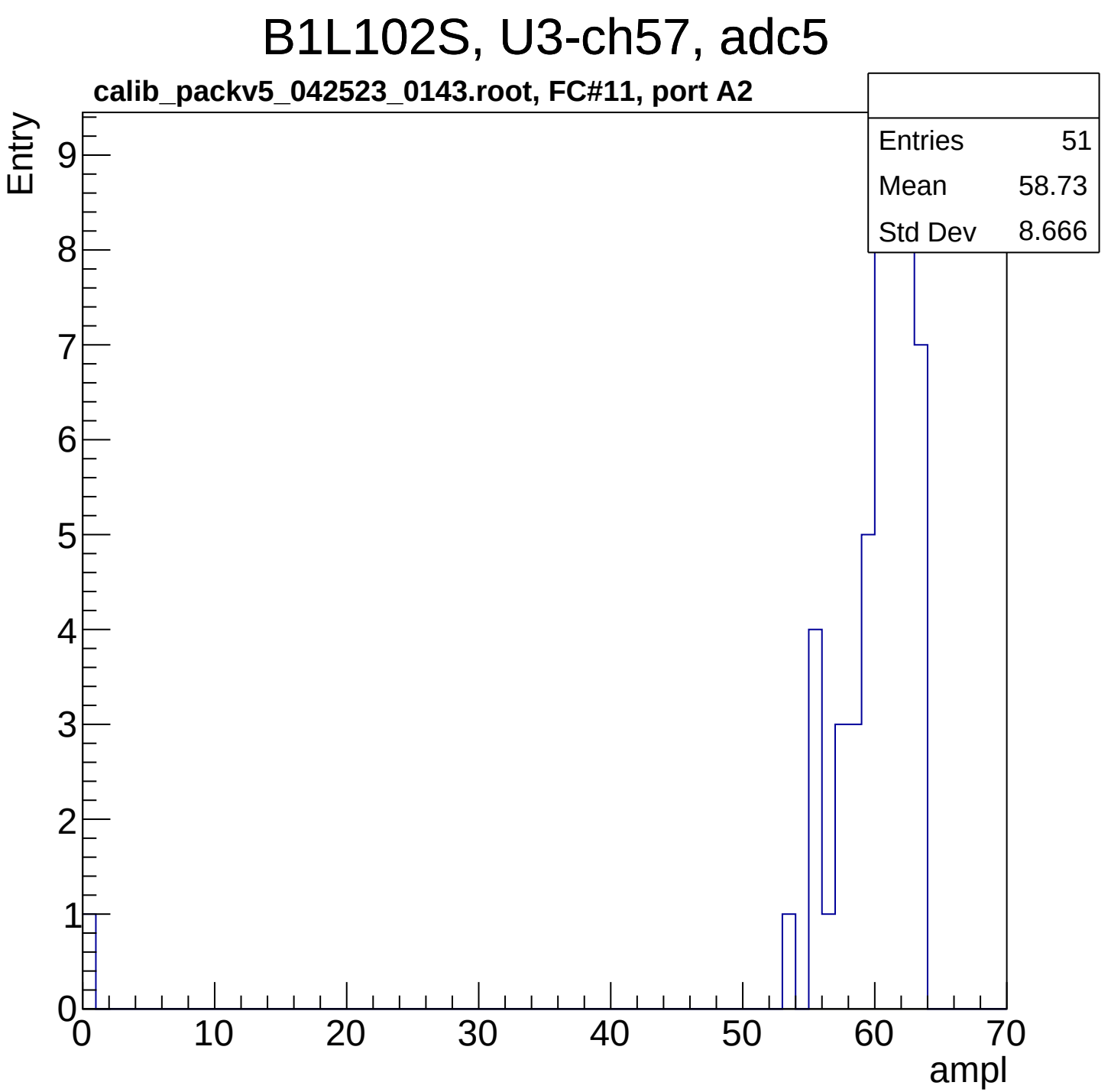
B1L102S, U3-ch57, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 58.73
Std Dev 8.666
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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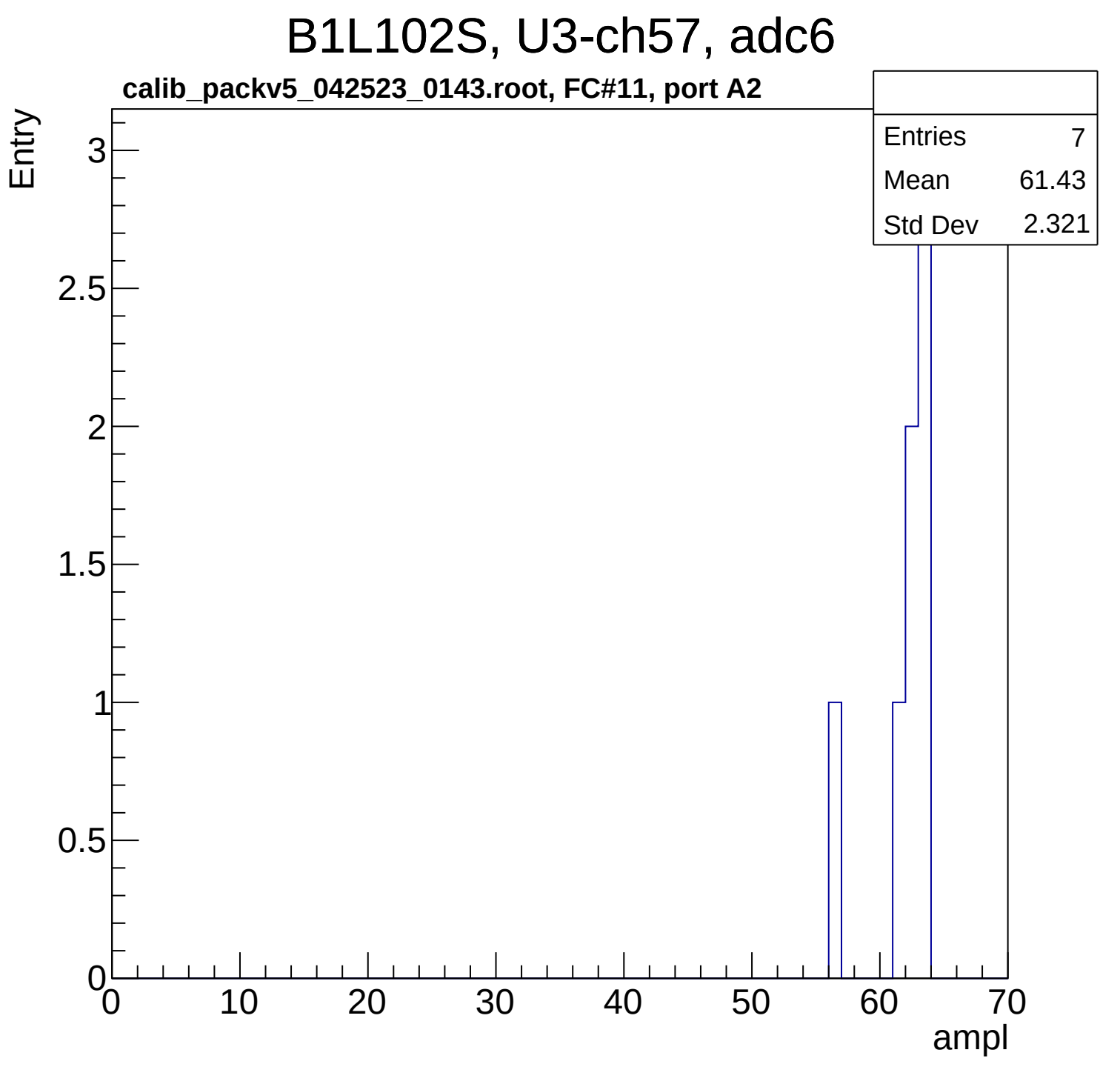
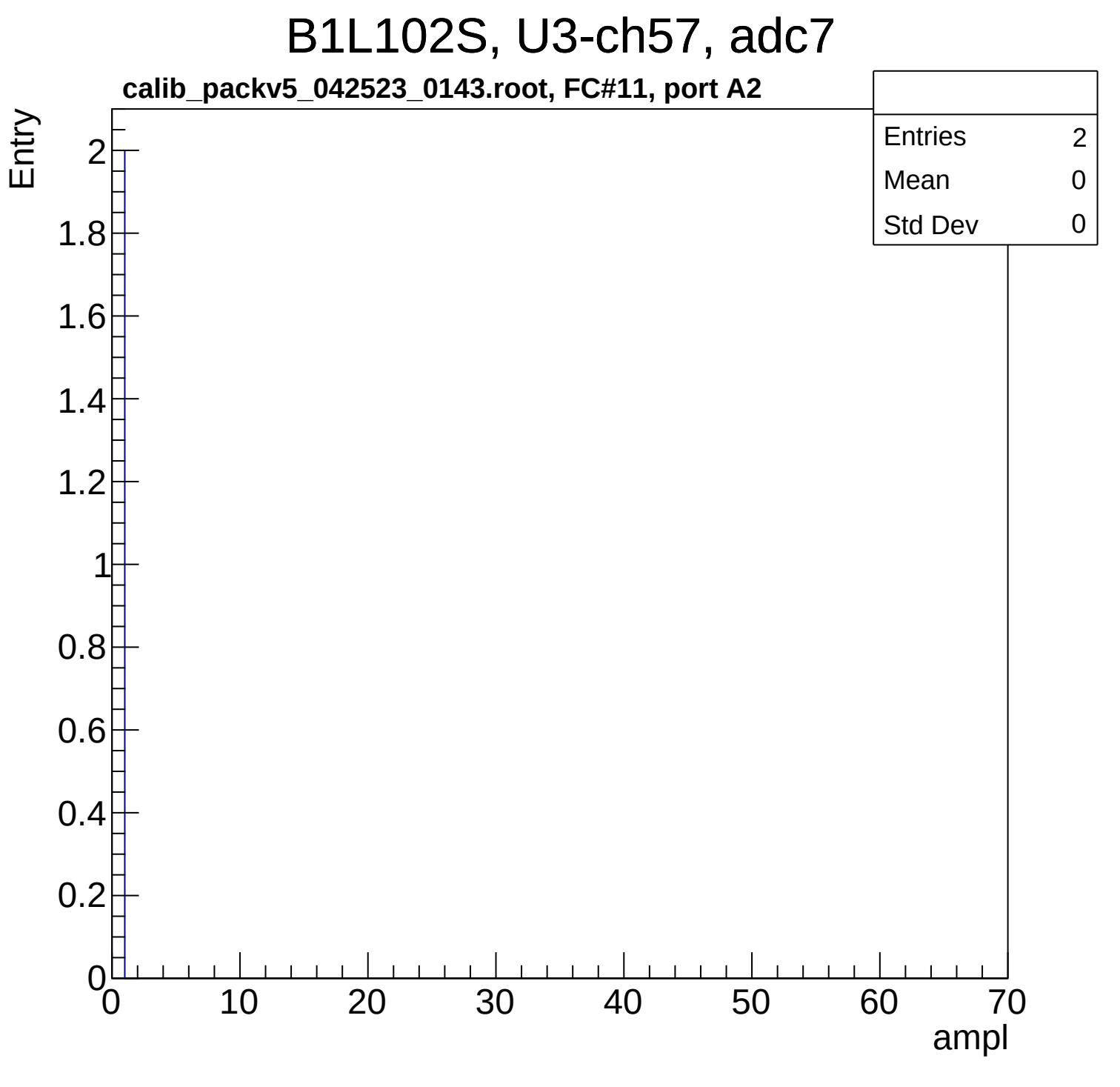

B1L102S, U3-ch57, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 61.43
Std Dev 2.321
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-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
20
30
40
50
60
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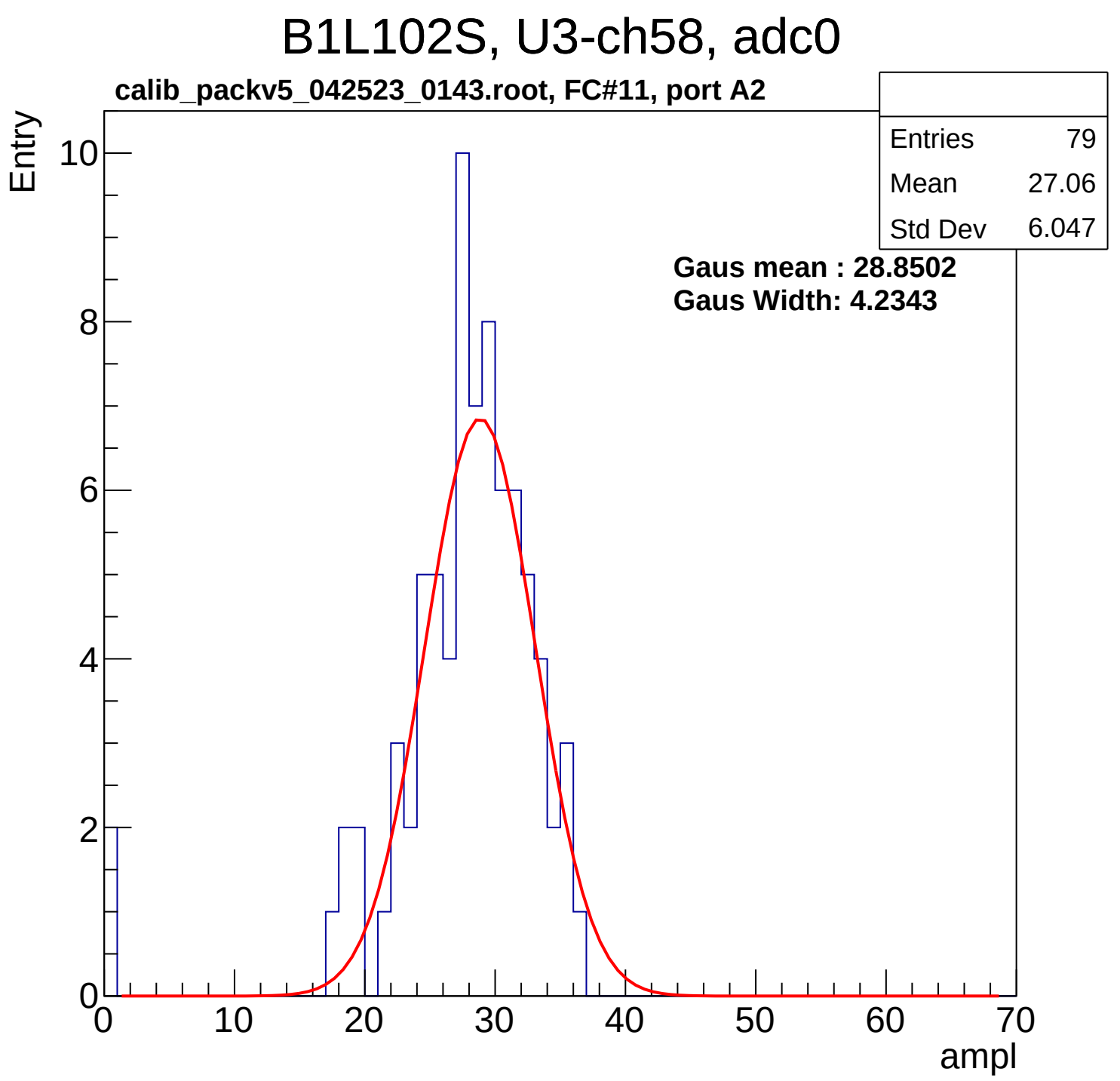
B1L102S, U3-ch58, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 27.06
Std Dev 6.047
Gaus mean : 28.8502
Gaus Width: 4.2343
Entry
ampl
0
2
4
6
8
10
0
10
20
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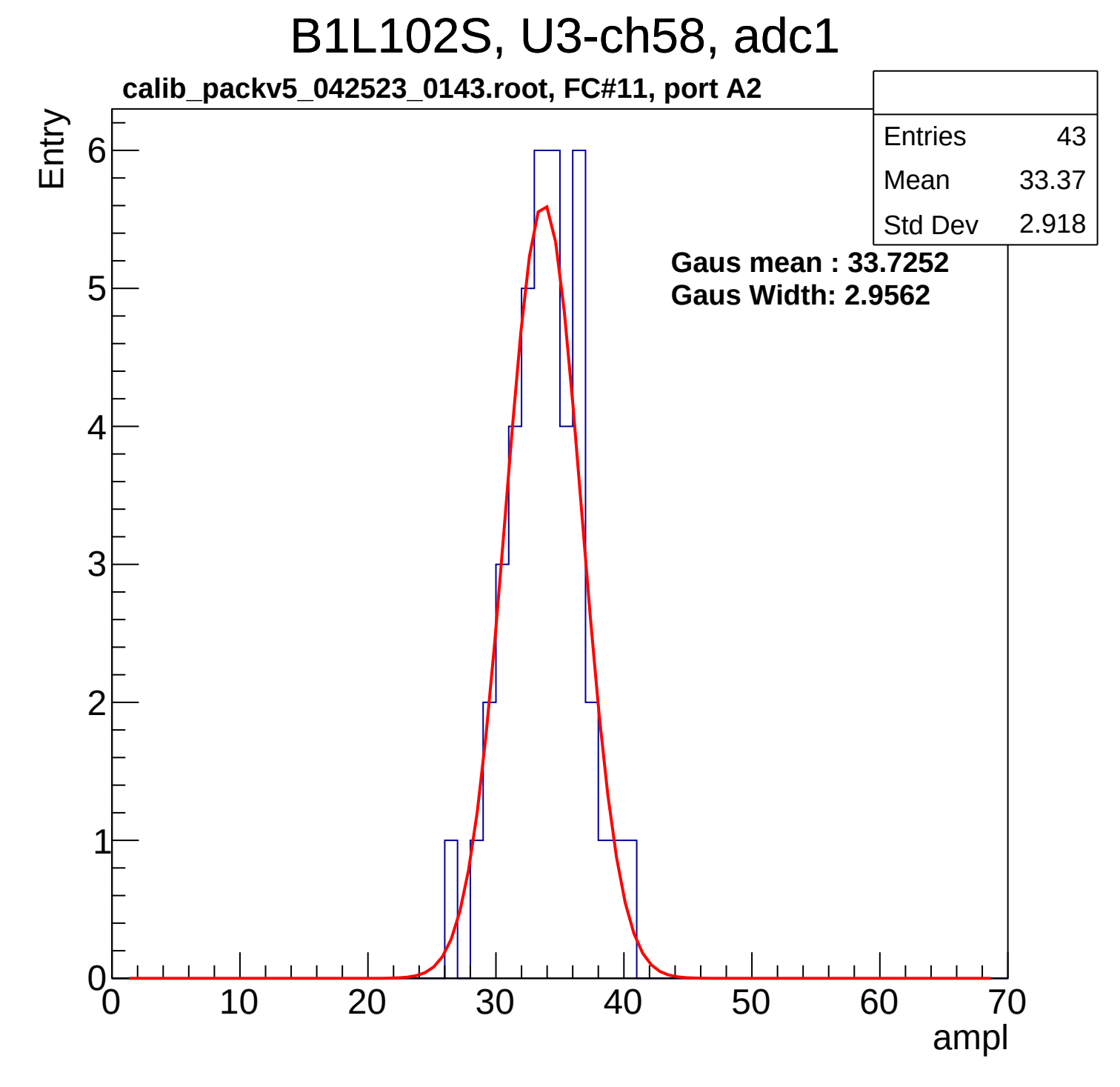
40
50
60
70


B1L102S, U3-ch58, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 33.37
Std Dev 2.918
Gaus mean : 33.7252
Gaus Width: 2.9562
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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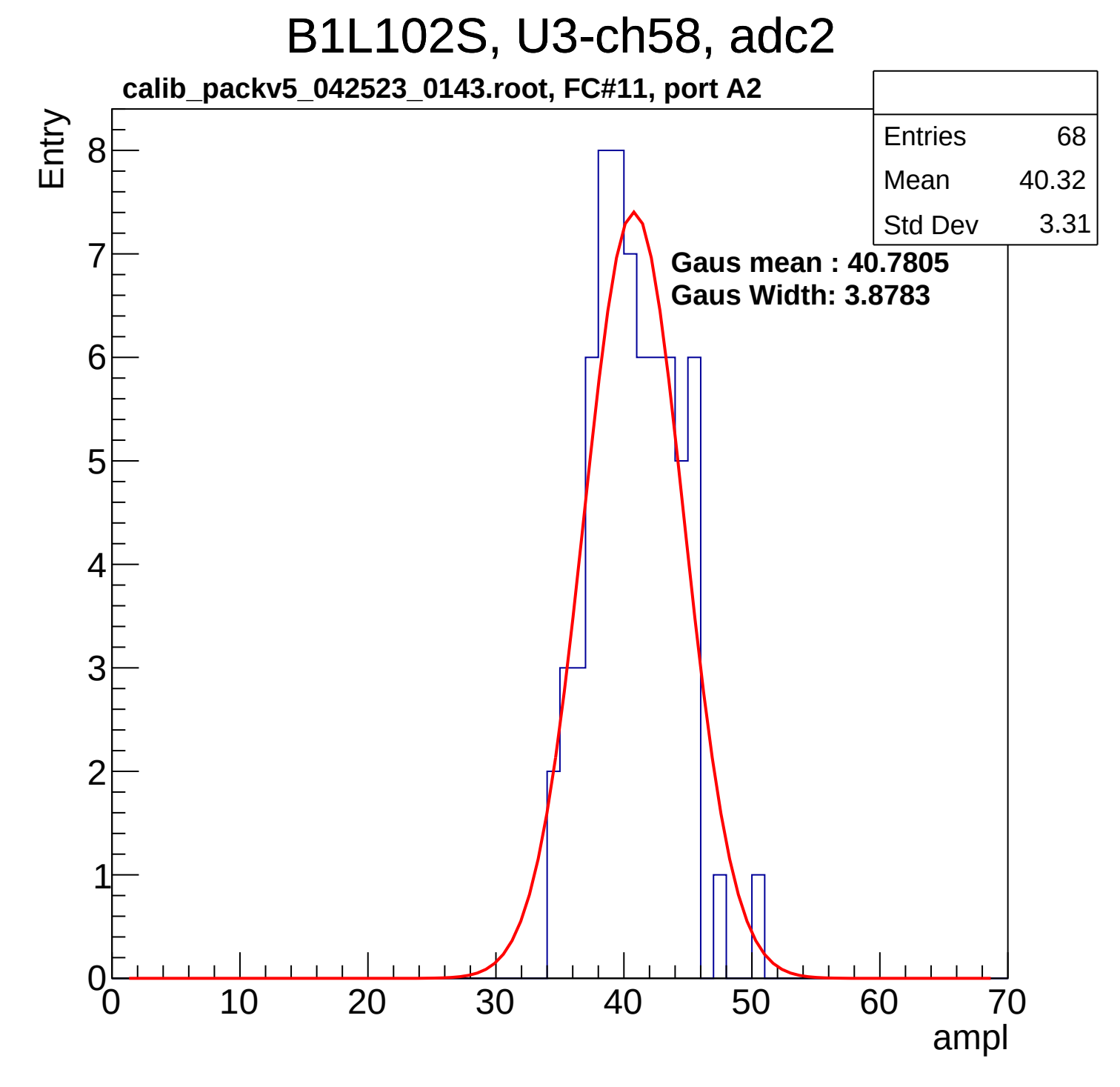
B1L102S, U3-ch58, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 40.32
Std Dev 3.31
Gaus mean : 40.7805
Gaus Width: 3.8783
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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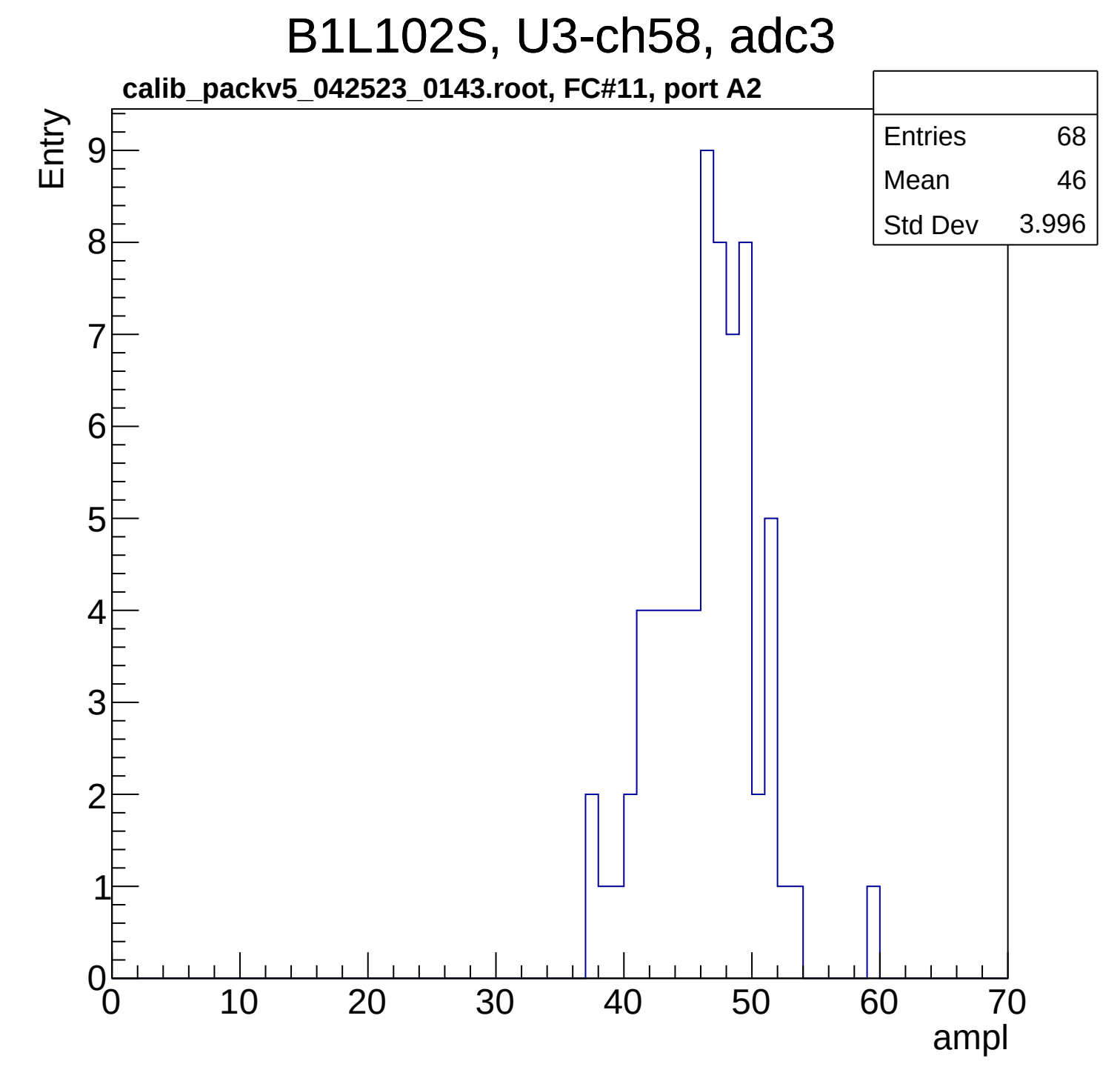
B1L102S, U3-ch58, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 46
Std Dev 3.996
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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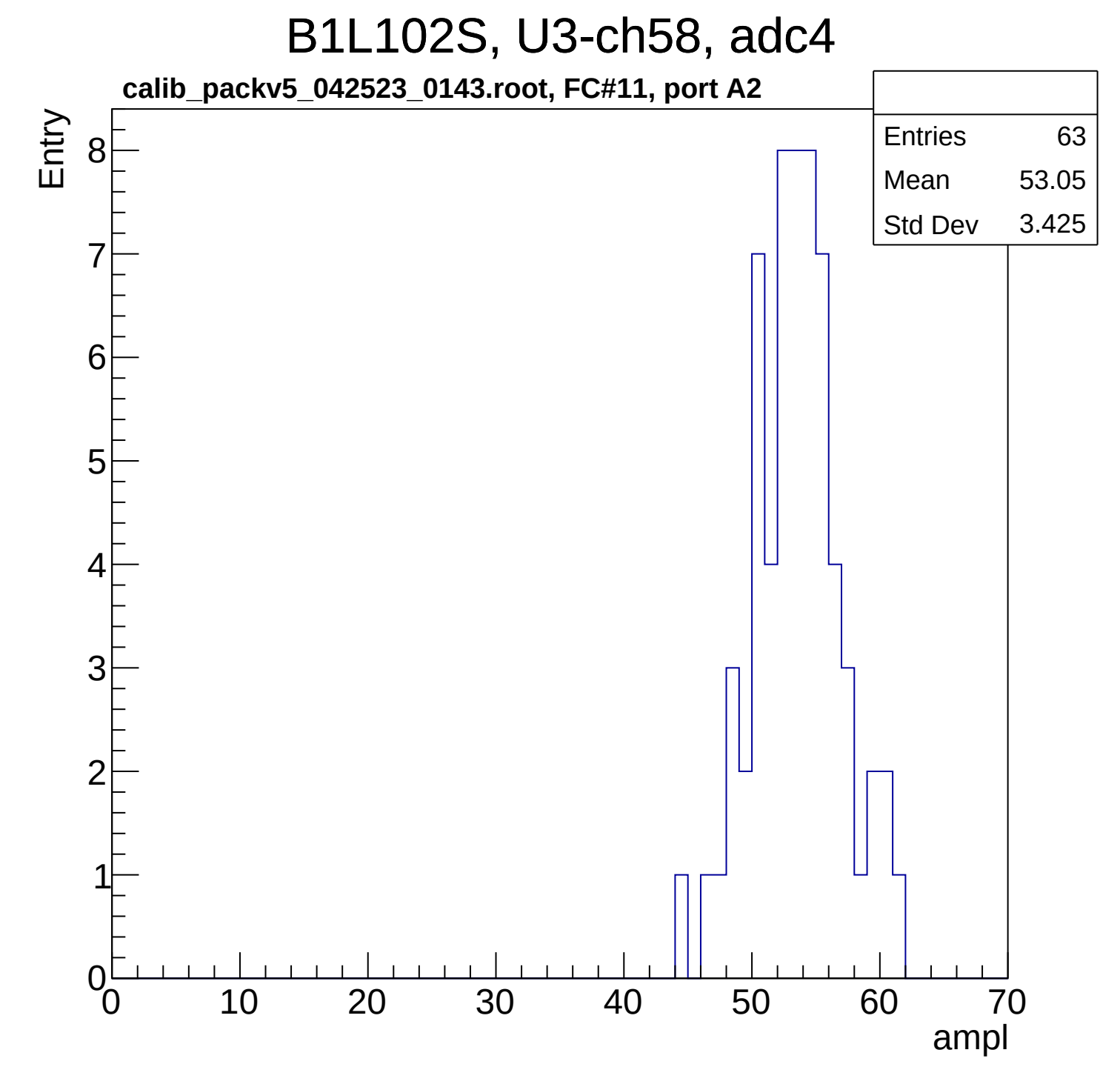
B1L102S, U3-ch58, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 53.05
Std Dev 3.425
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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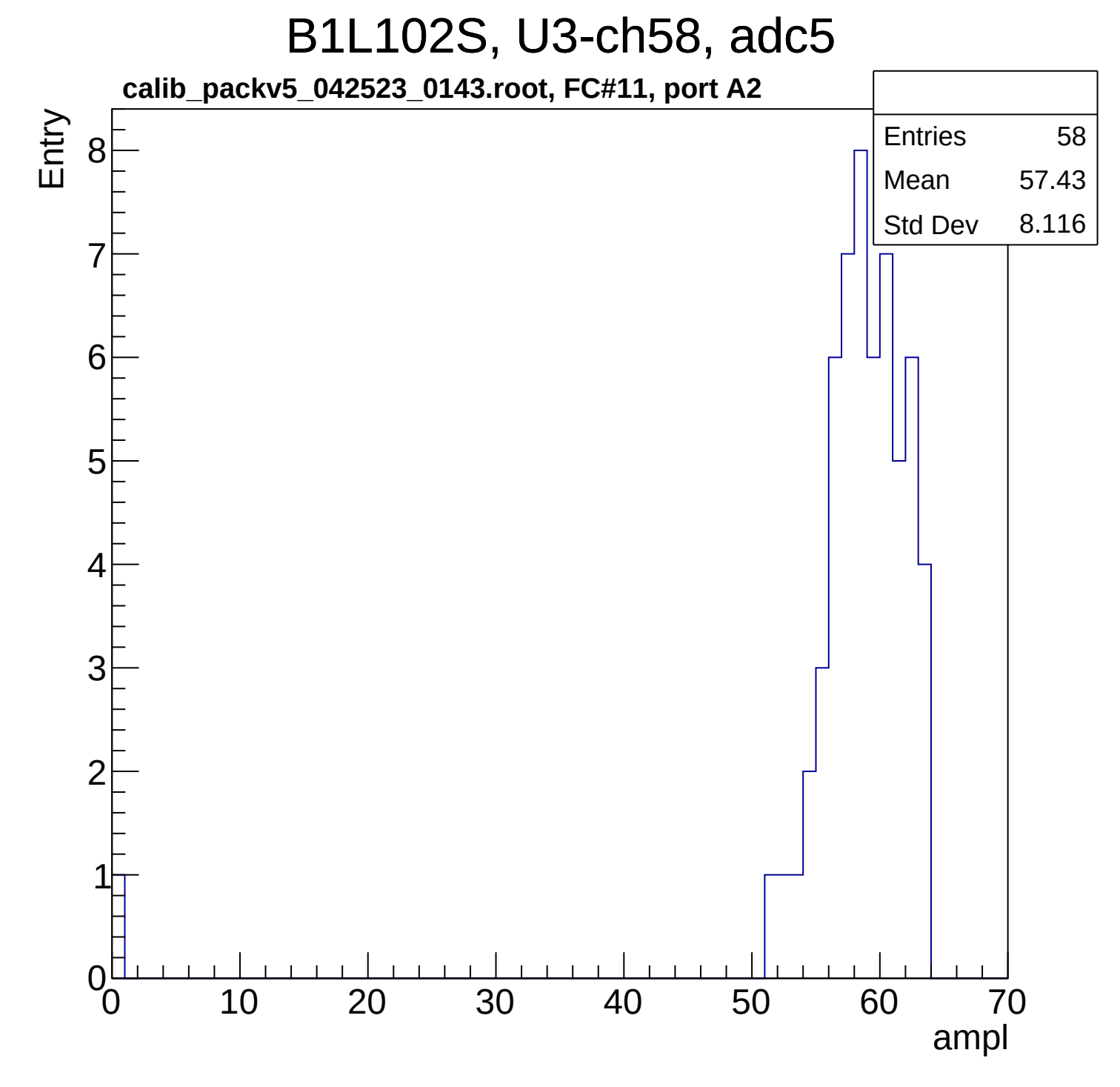
B1L102S, U3-ch58, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 57.43
Std Dev 8.116
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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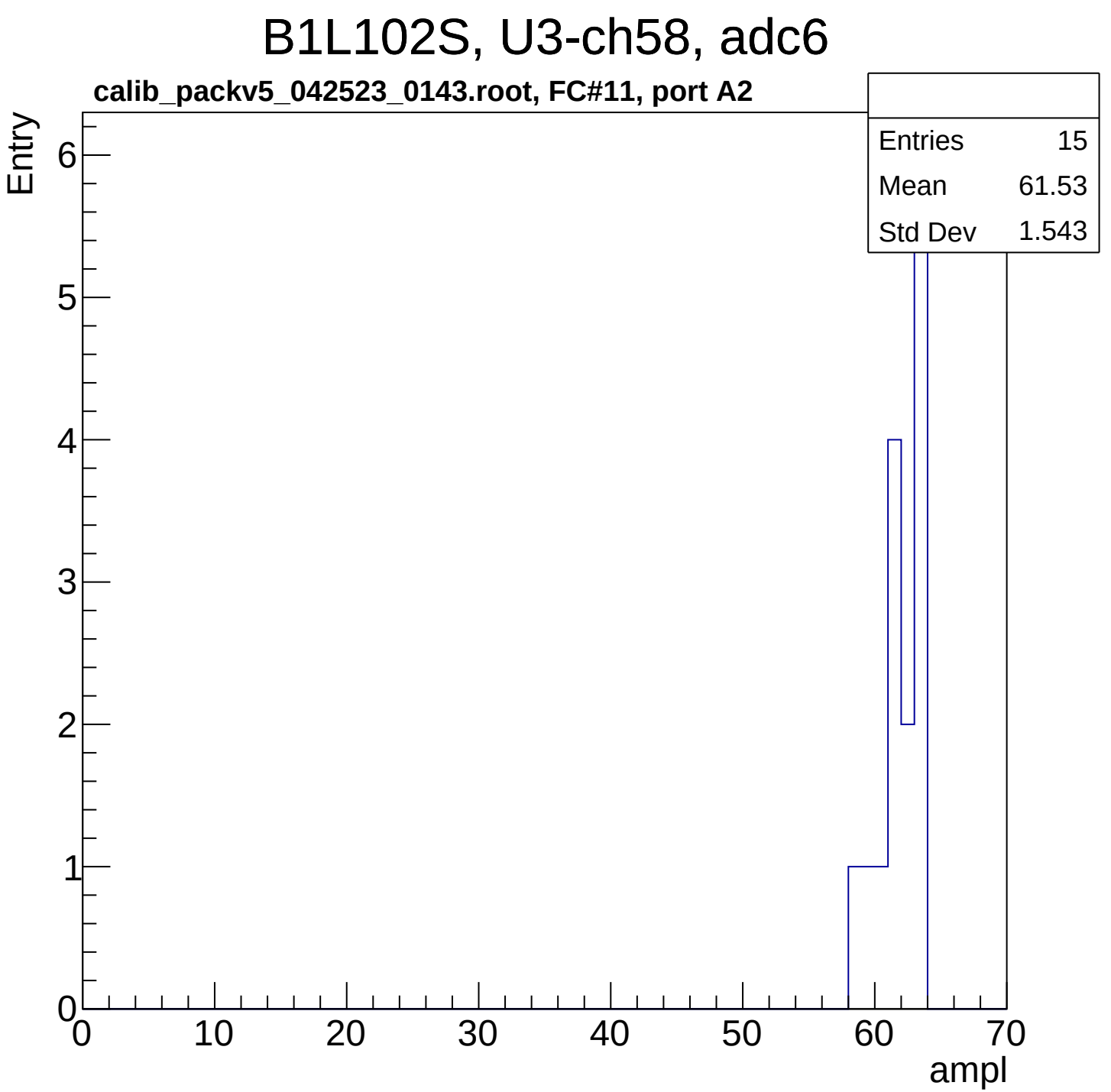
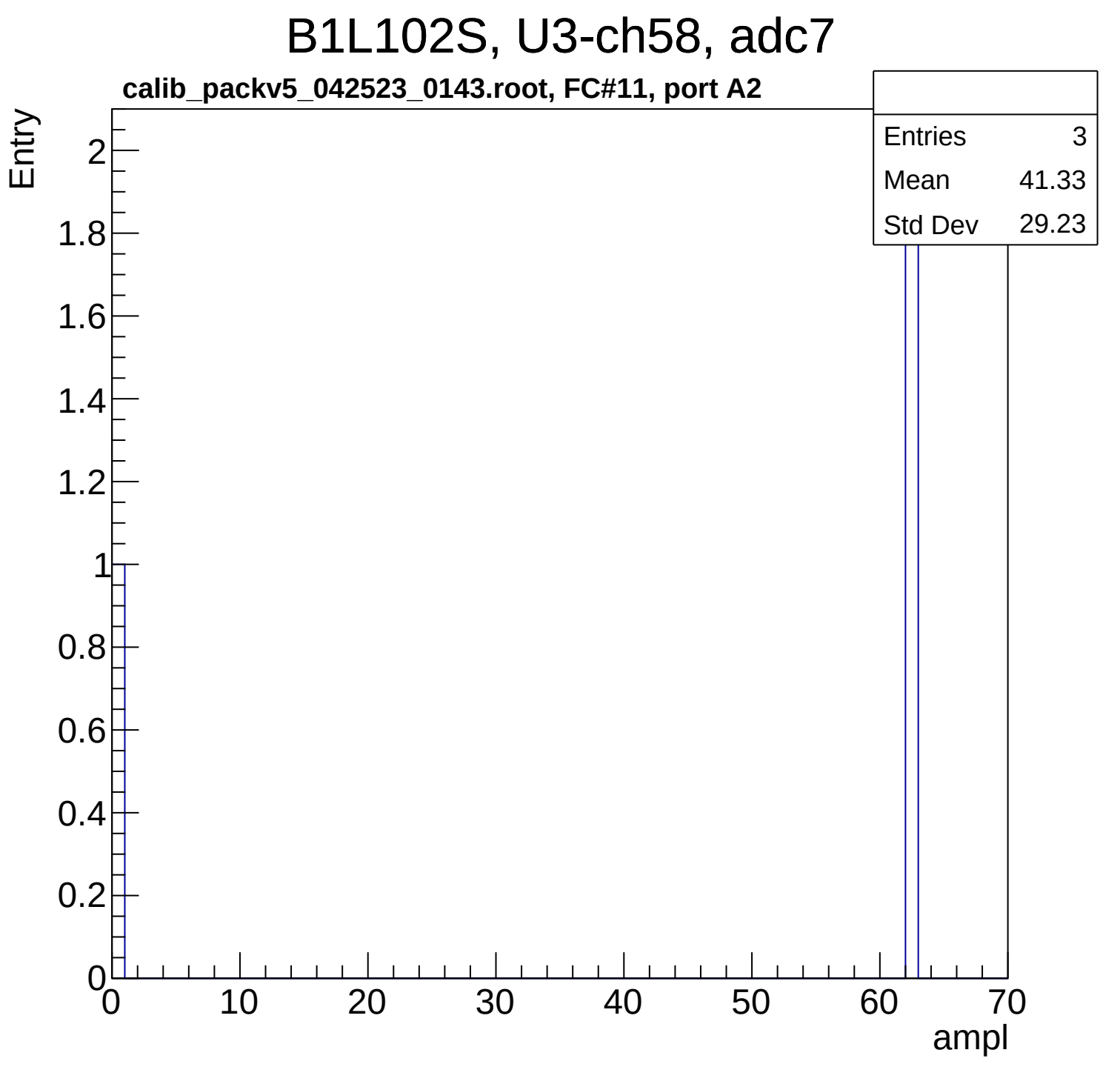

B1L102S, U3-ch58, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 61.53
Std Dev 1.543
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch58, adc7
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
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40
50
60
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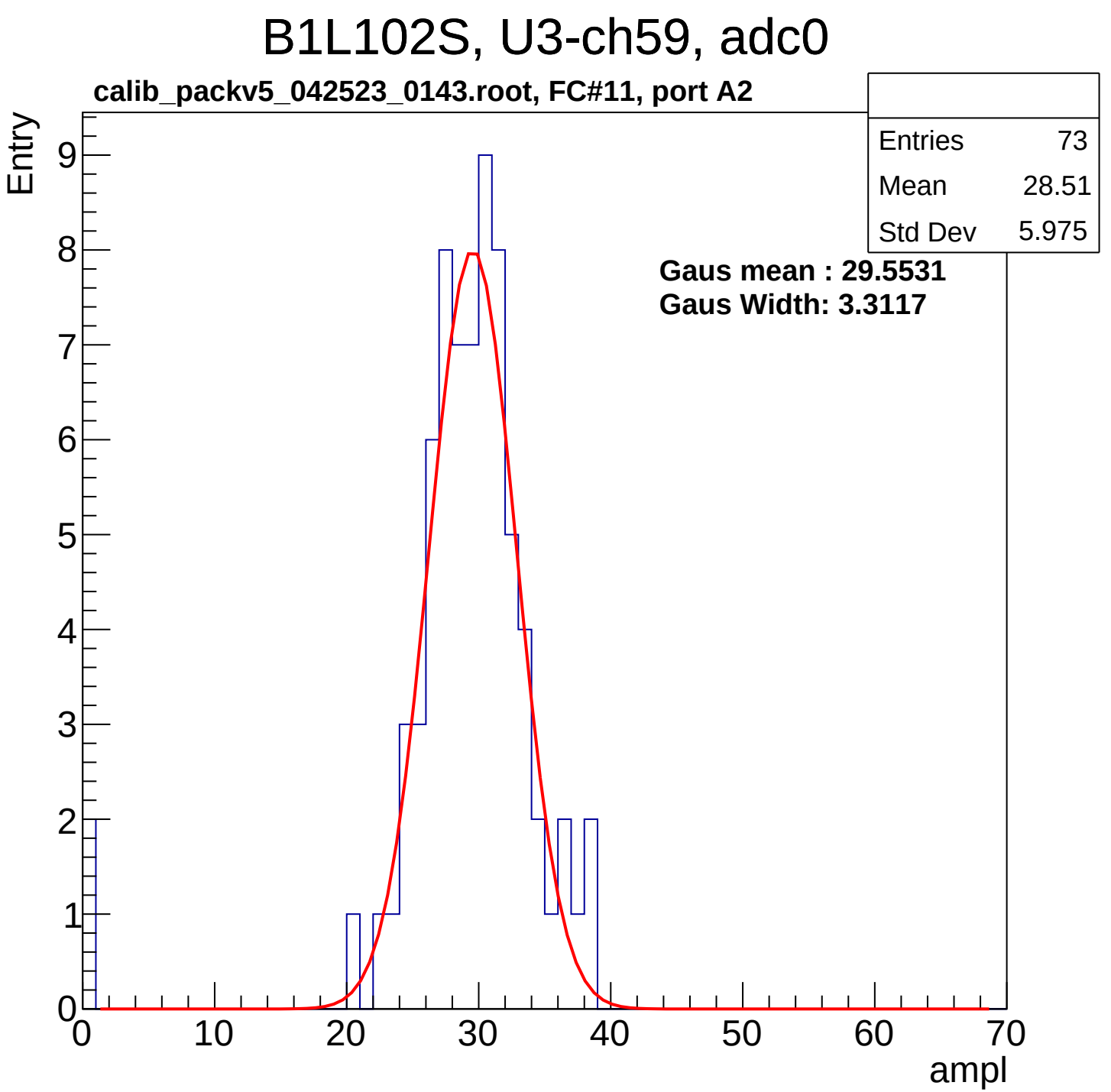
B1L102S, U3-ch59, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 28.51
Std Dev 5.975
Gaus mean : 29.5531
Gaus Width: 3.3117
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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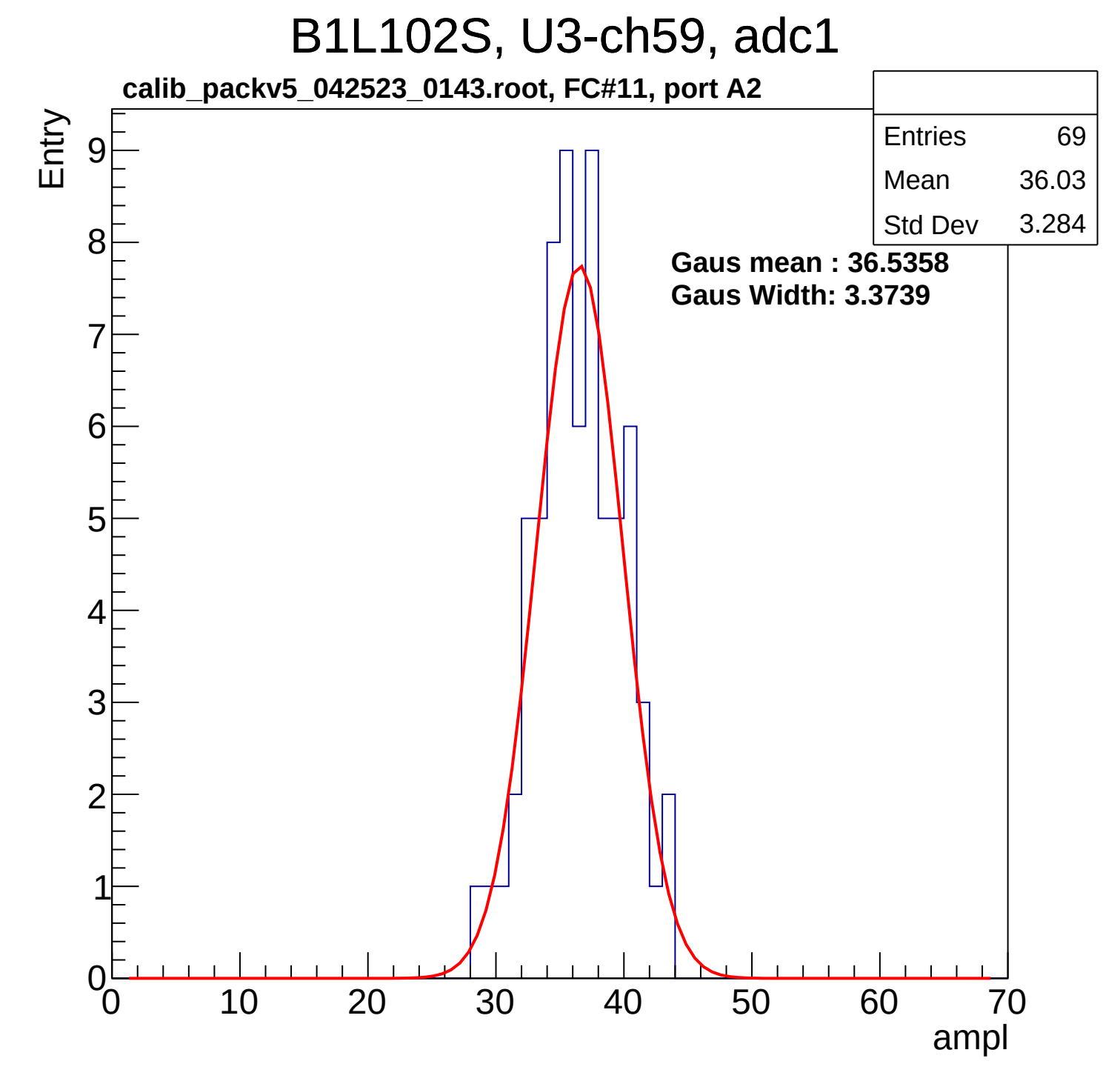
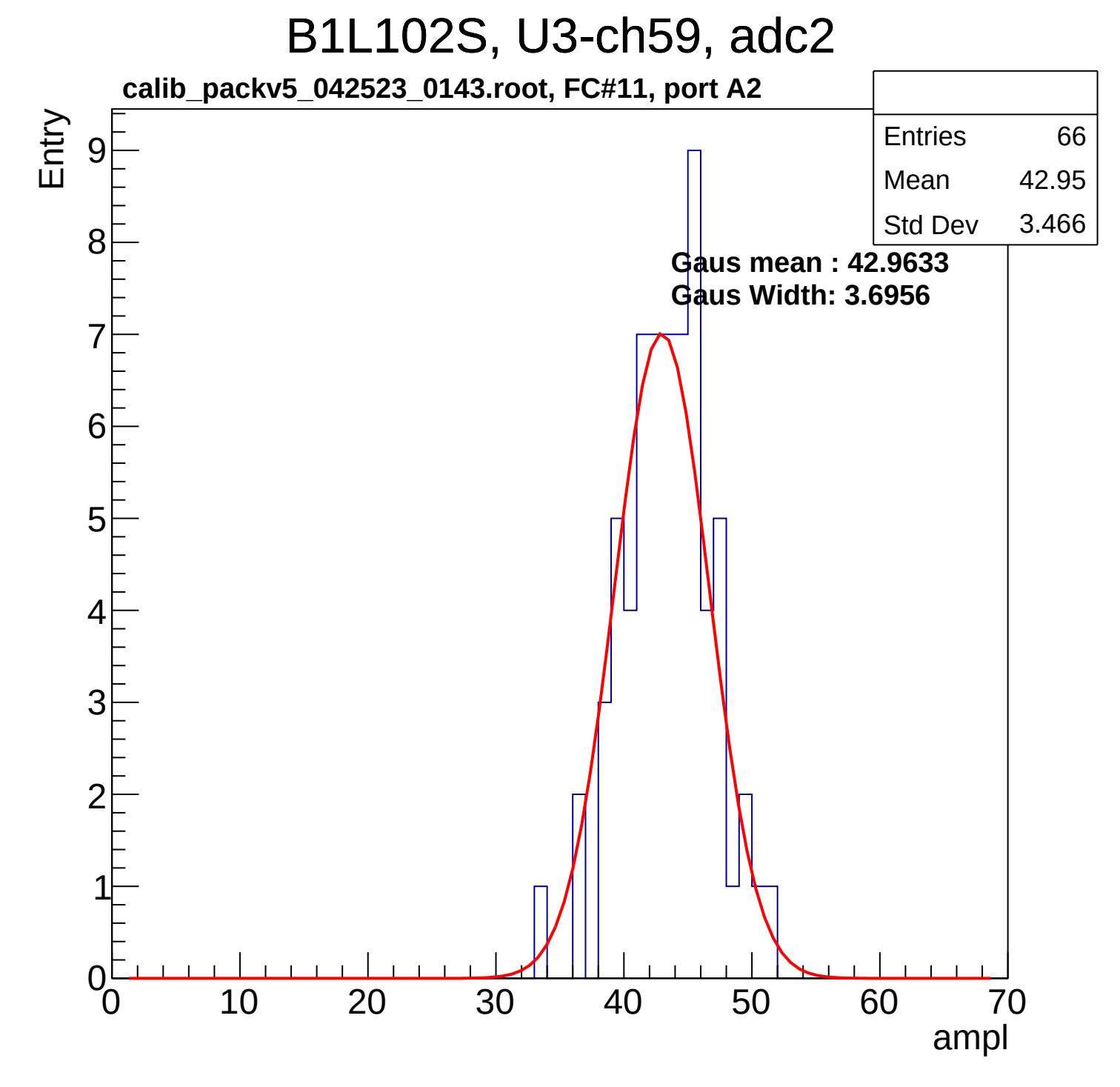

B1L102S, U3-ch59, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 36.03
Std Dev 3.284
Gaus mean : 36.5358
Gaus Width: 3.3739
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U3-ch59, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 42.95
Std Dev 3.466
Gaus mean : 42.9633
Gaus Width: 3.6956
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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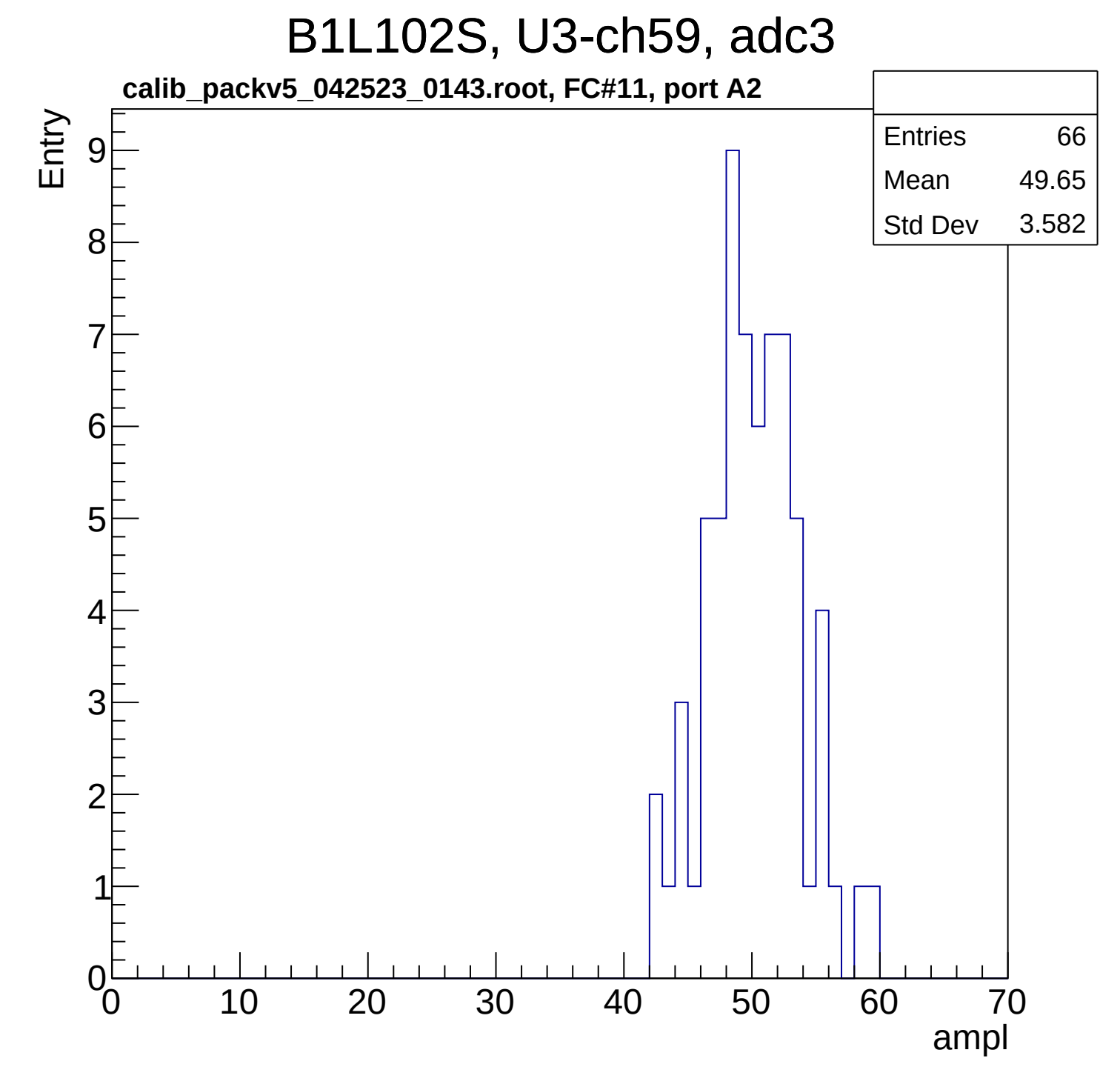
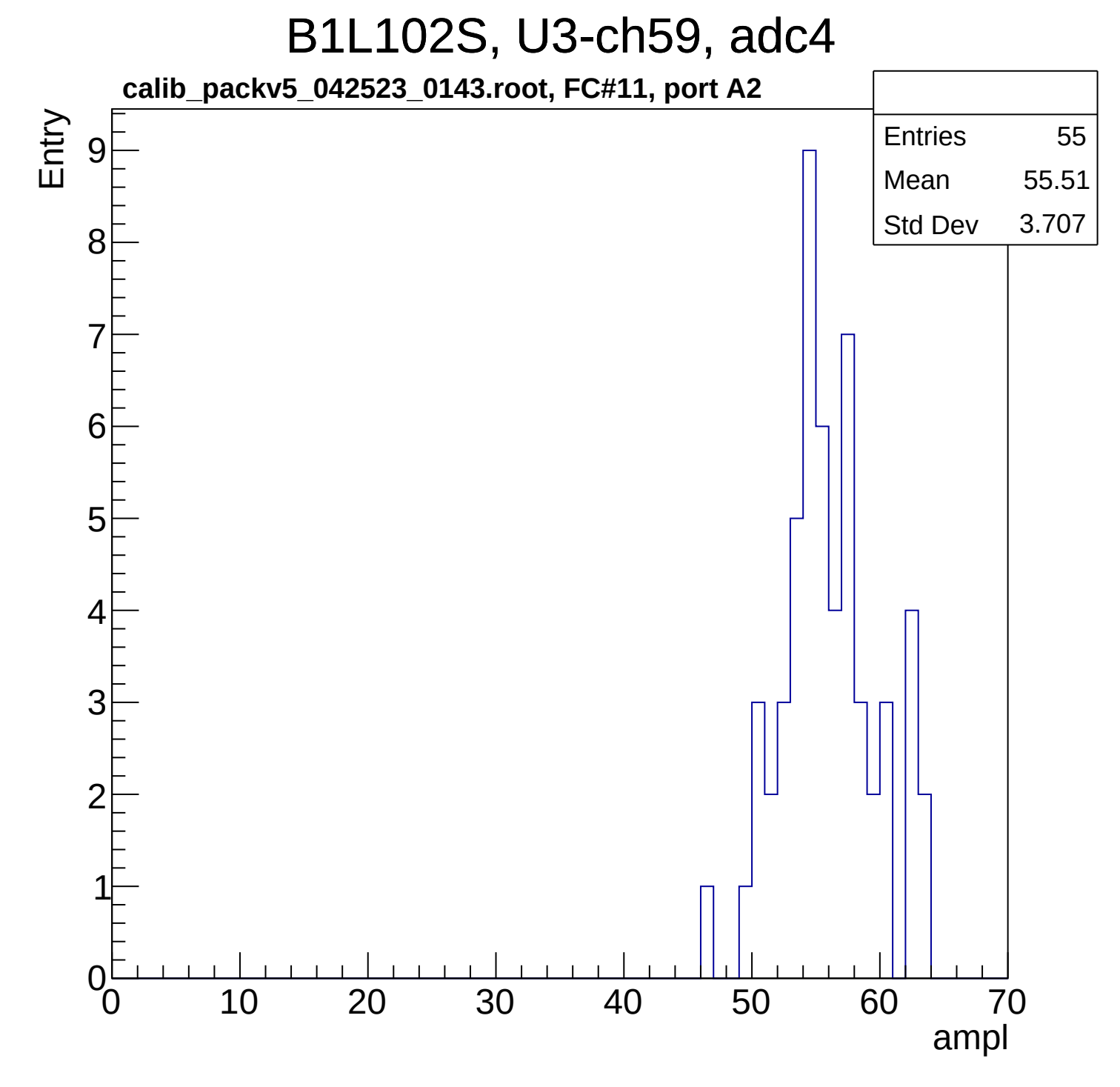

B1L102S, U3-ch59, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 49.65
Std Dev 3.582
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch59, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 55.51
Std Dev 3.707
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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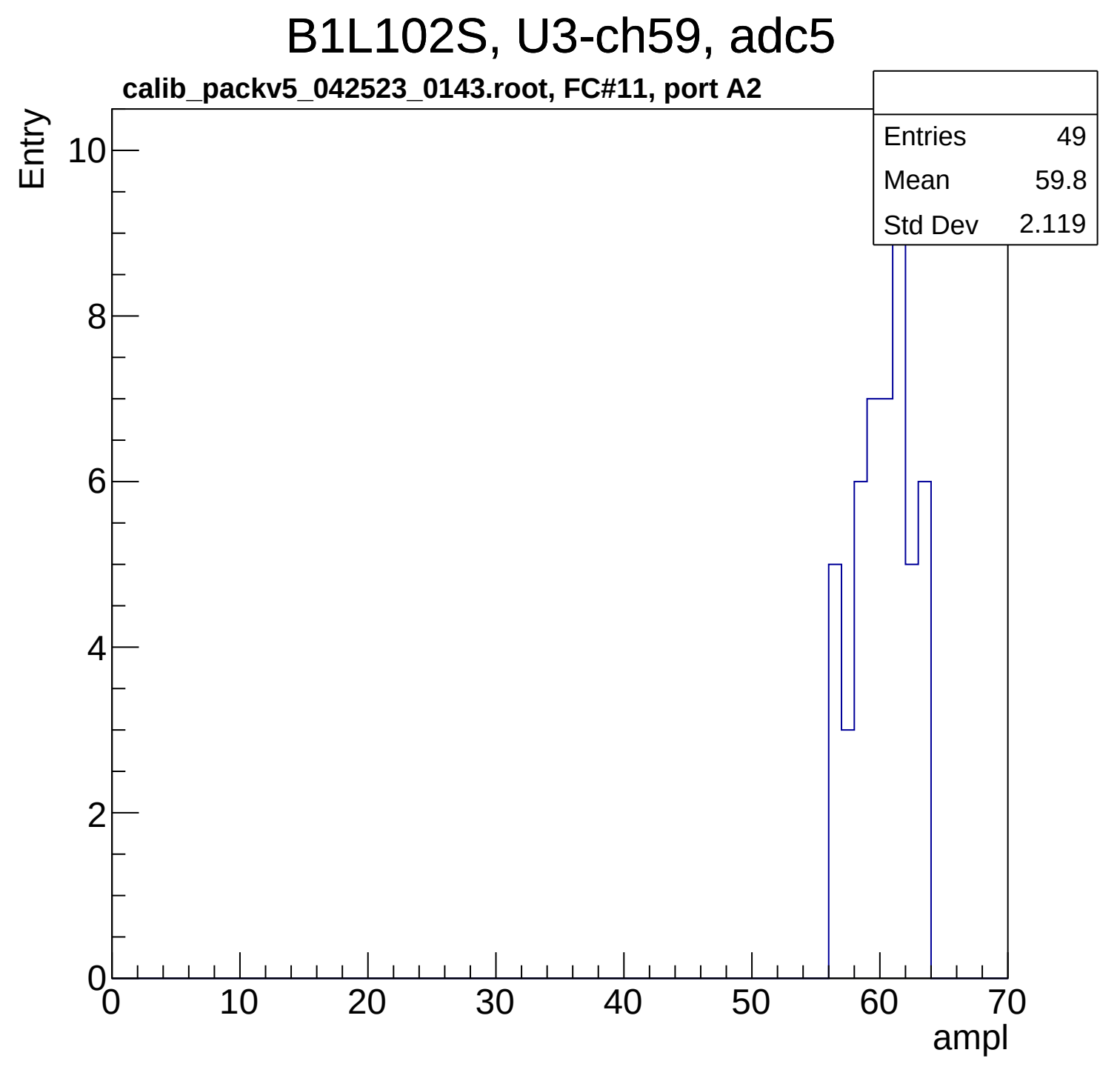
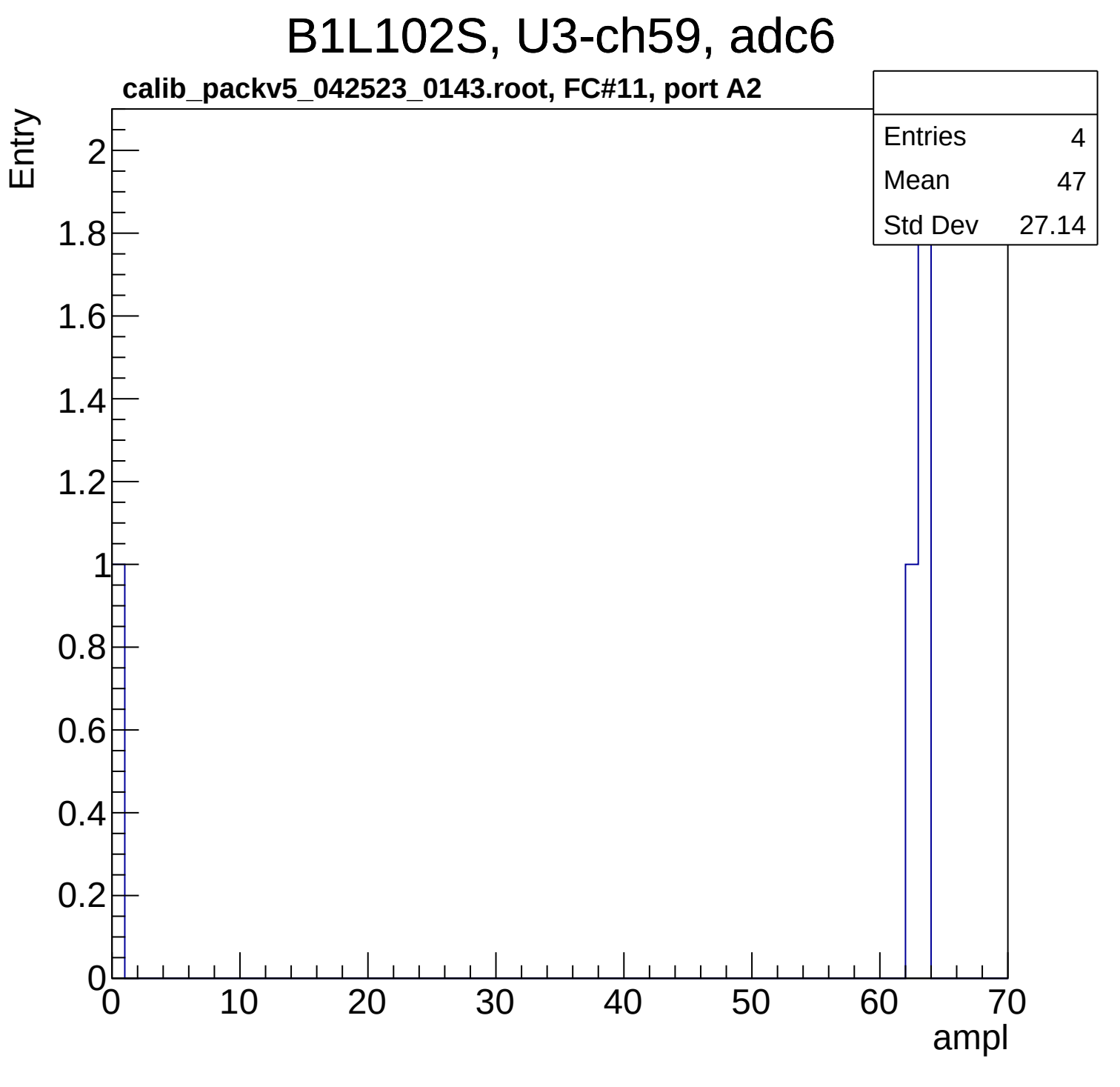
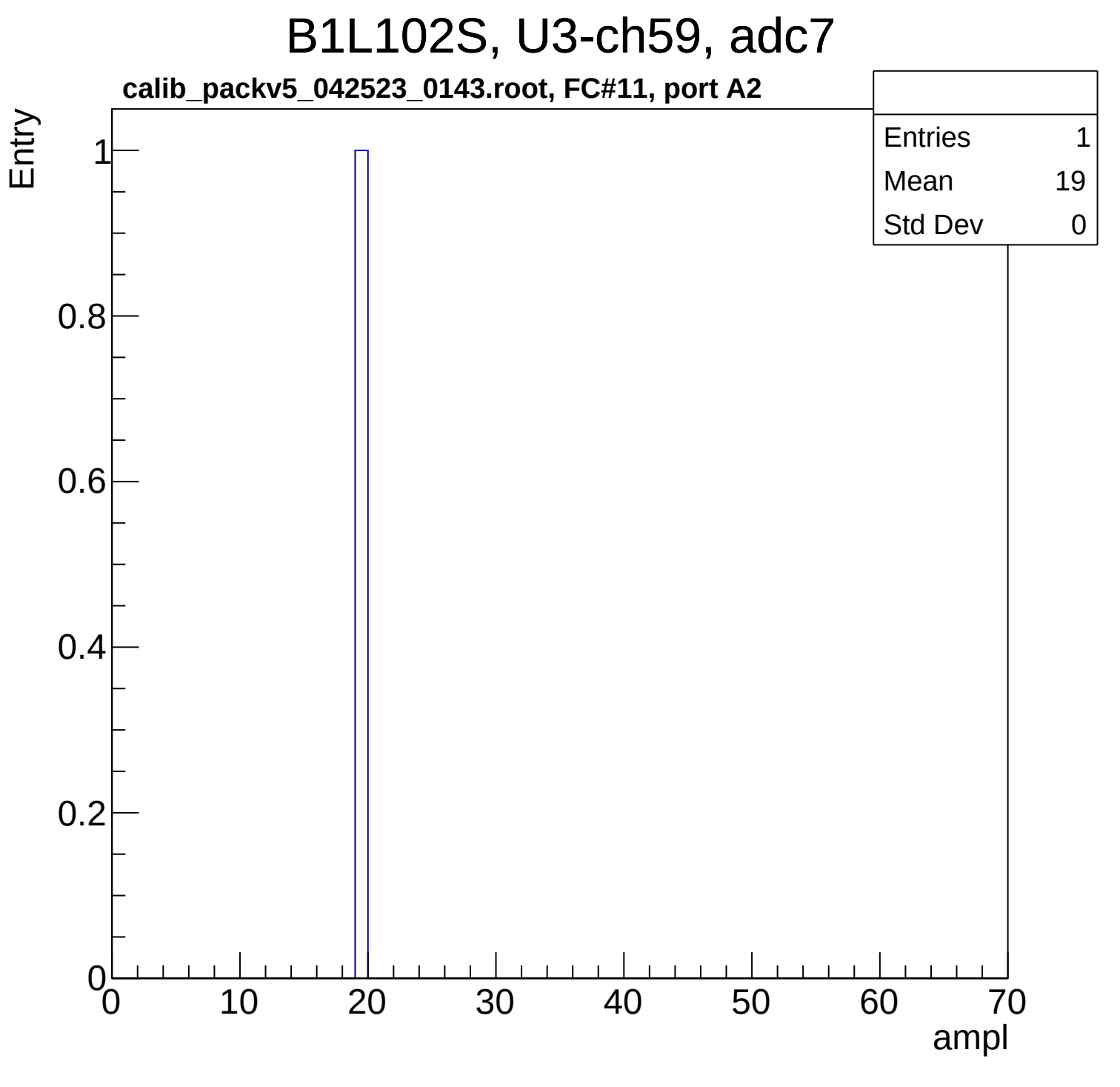
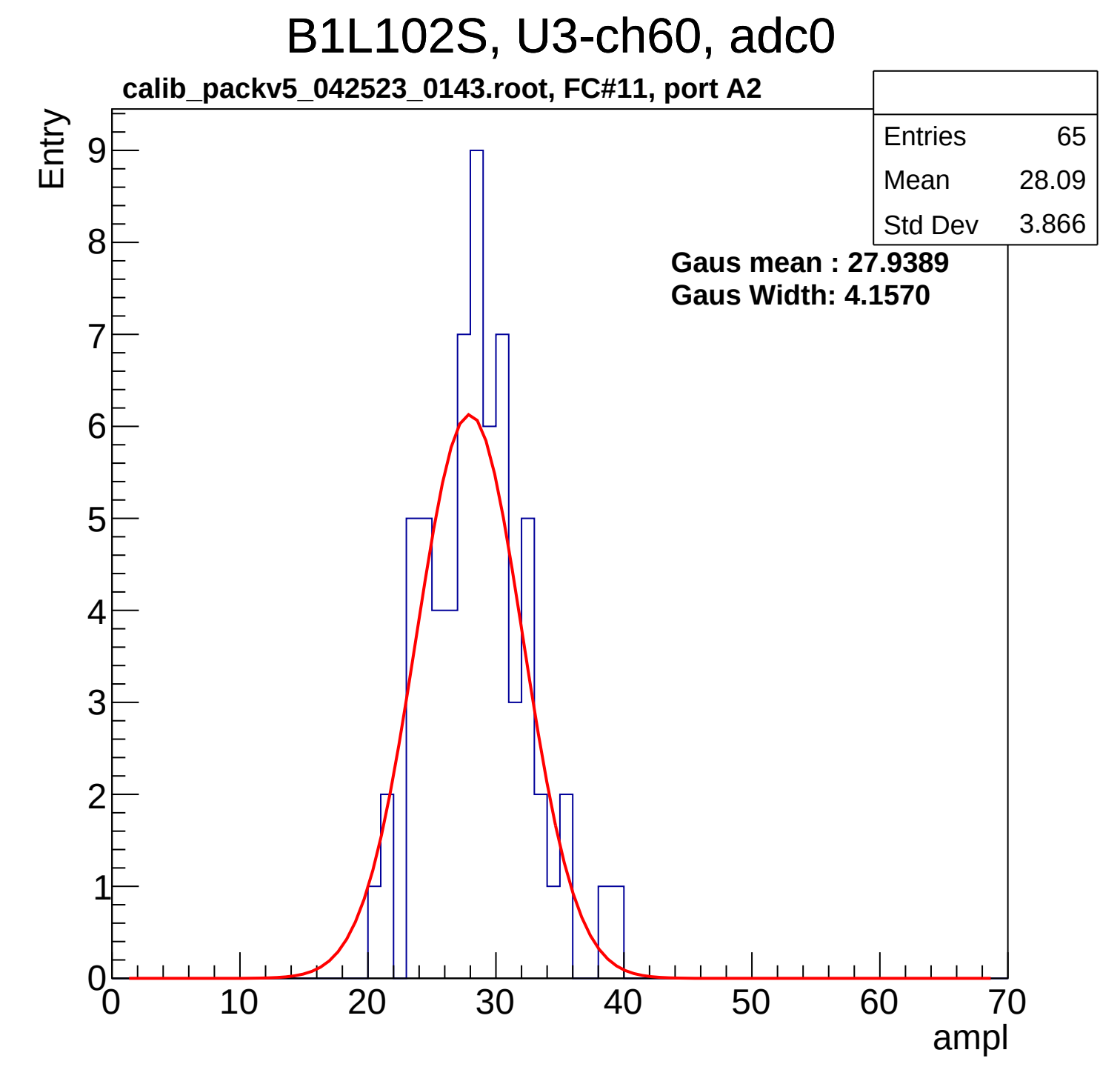

B1L102S, U3-ch59, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 59.8
Std Dev 2.119
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch59, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 47
Std Dev 27.14
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch59, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 19
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch60, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 28.09
Std Dev 3.866
Gaus mean : 27.9389
Gaus Width: 4.1570
Entry
ampl
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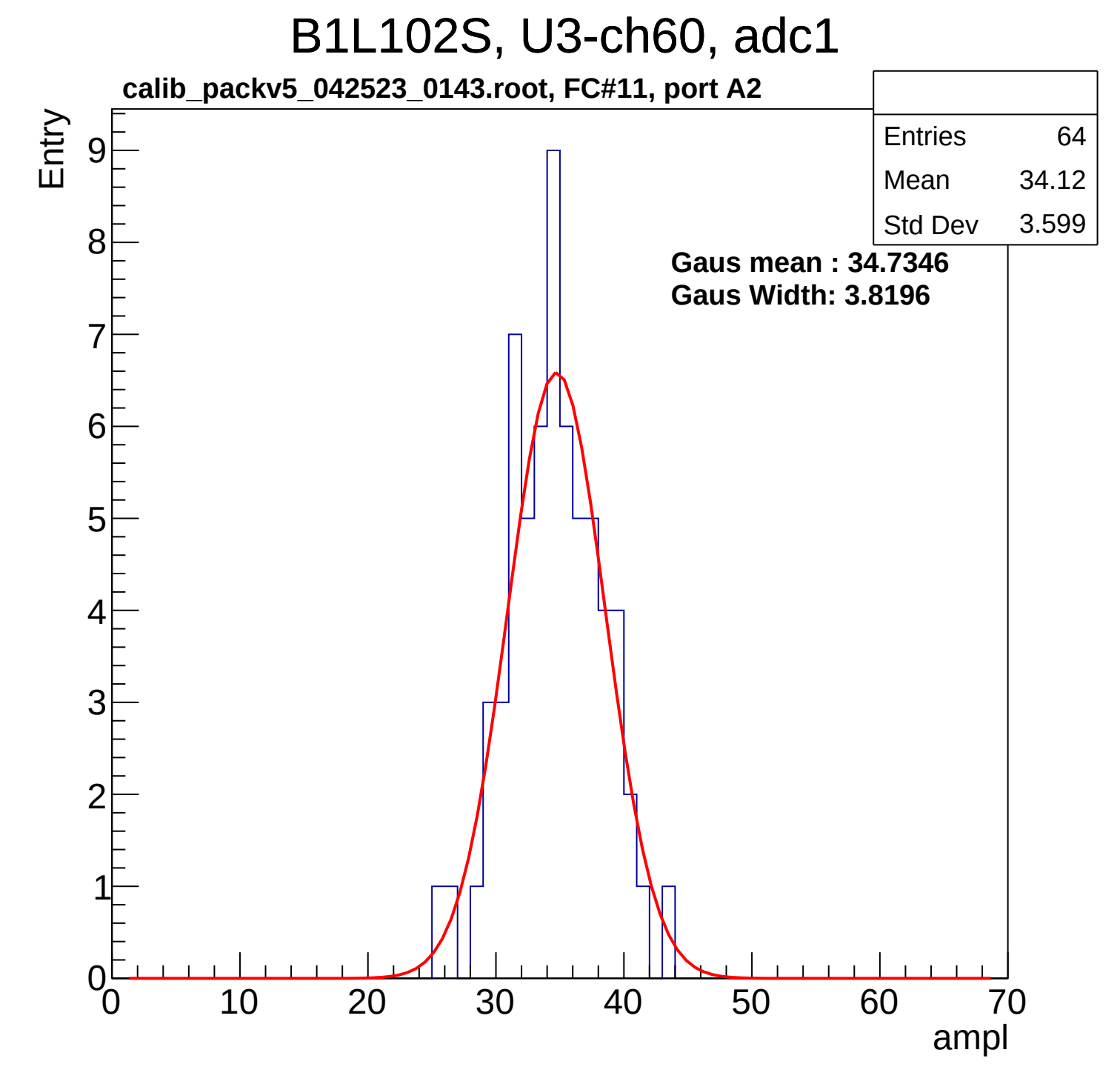
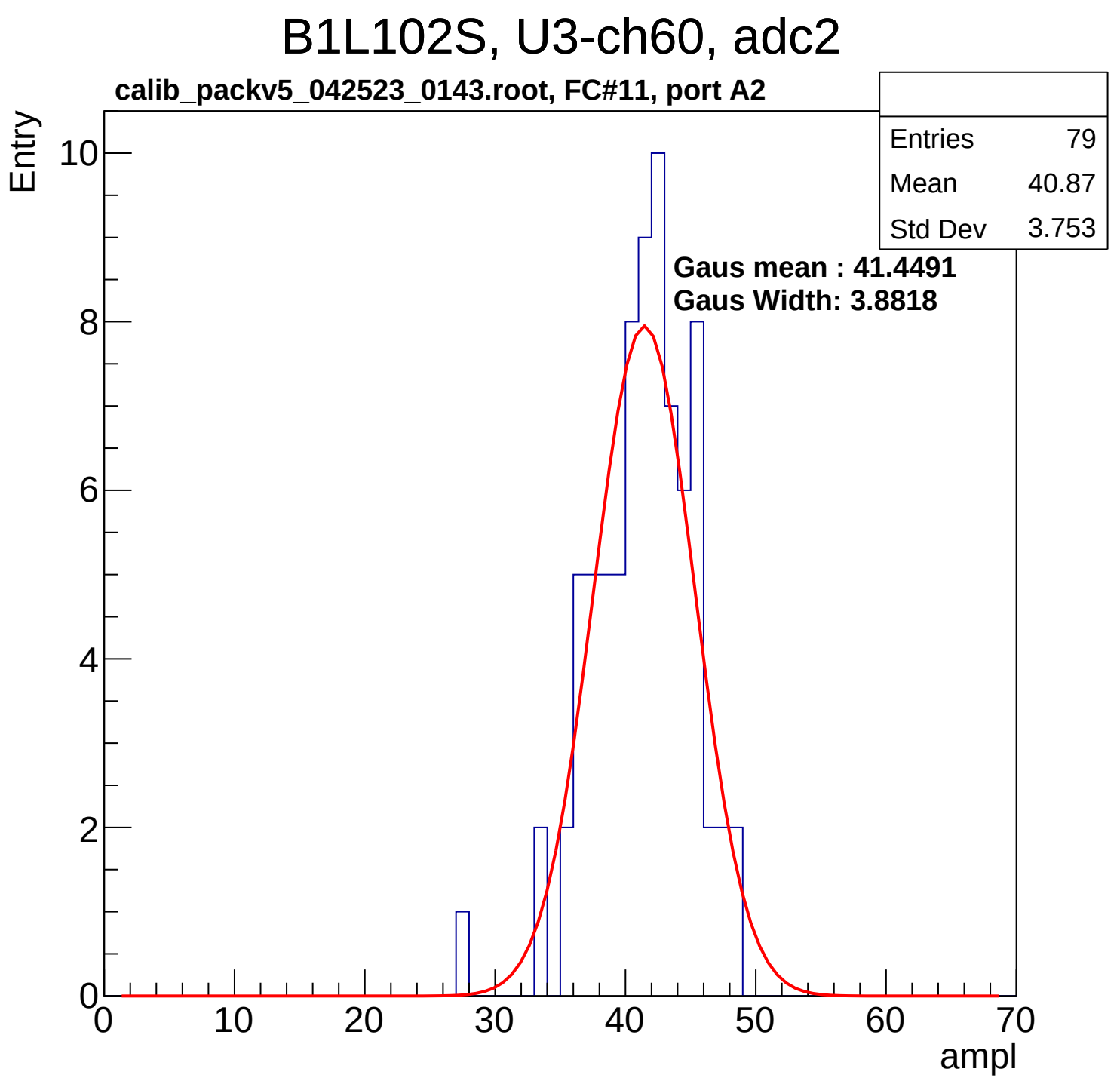
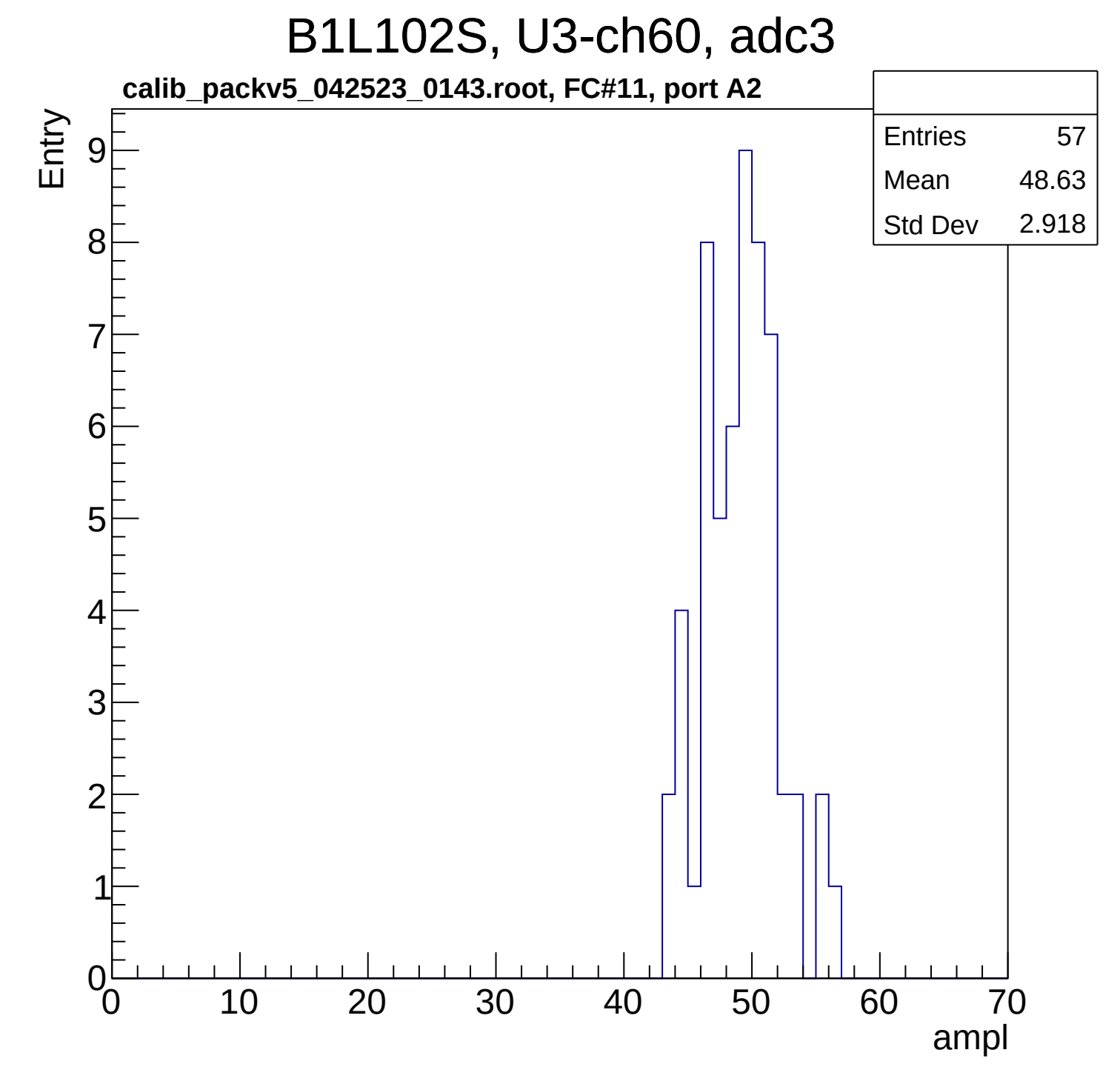
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch60, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 34.12
Std Dev 3.599
Gaus mean : 34.7346
Gaus Width: 3.8196
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch60, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 40.87
Std Dev 3.753
Gaus mean : 41.4491
Gaus Width: 3.8818
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch60, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 48.63
Std Dev 2.918
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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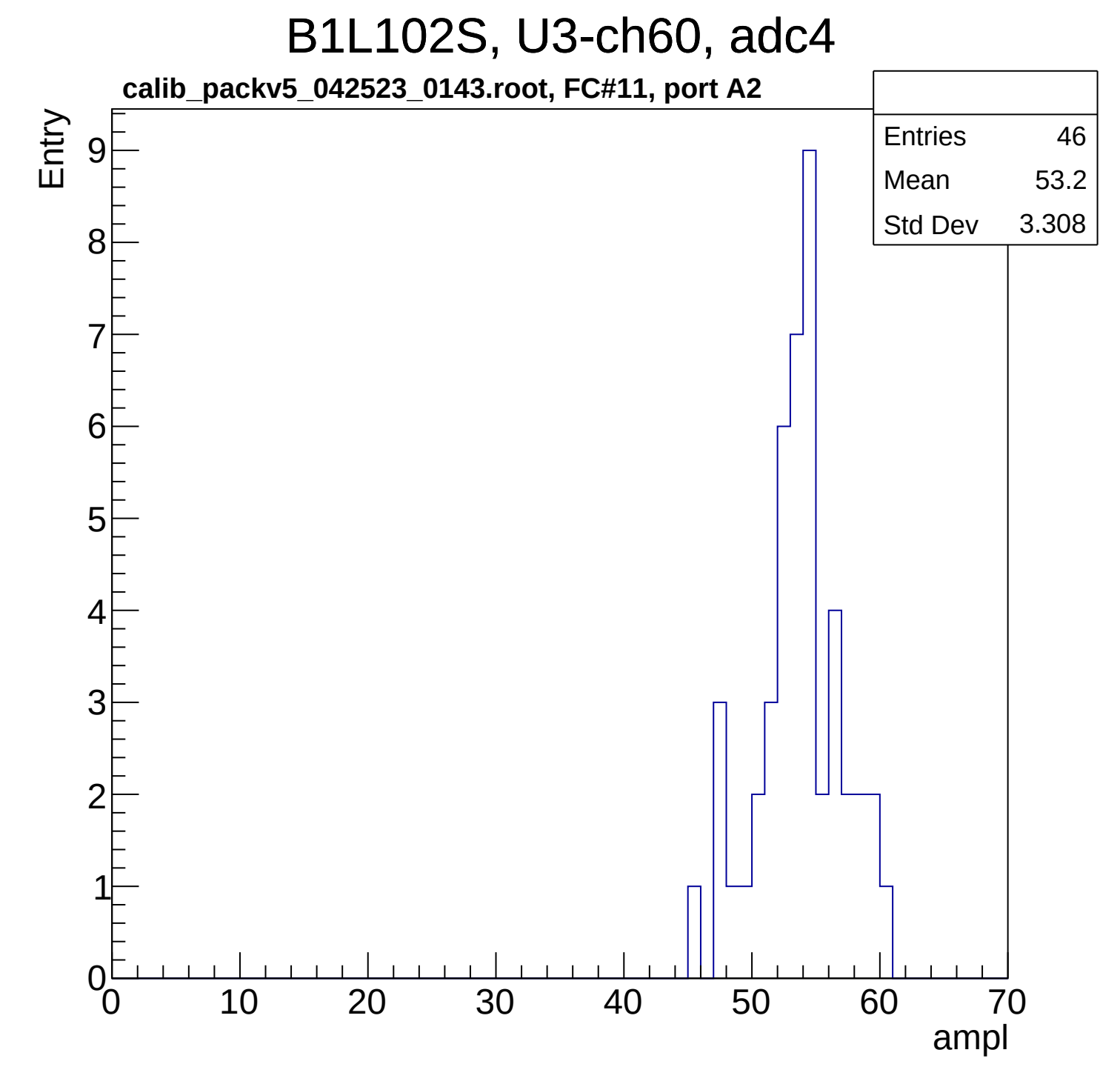
B1L102S, U3-ch60, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 53.2
Std Dev 3.308
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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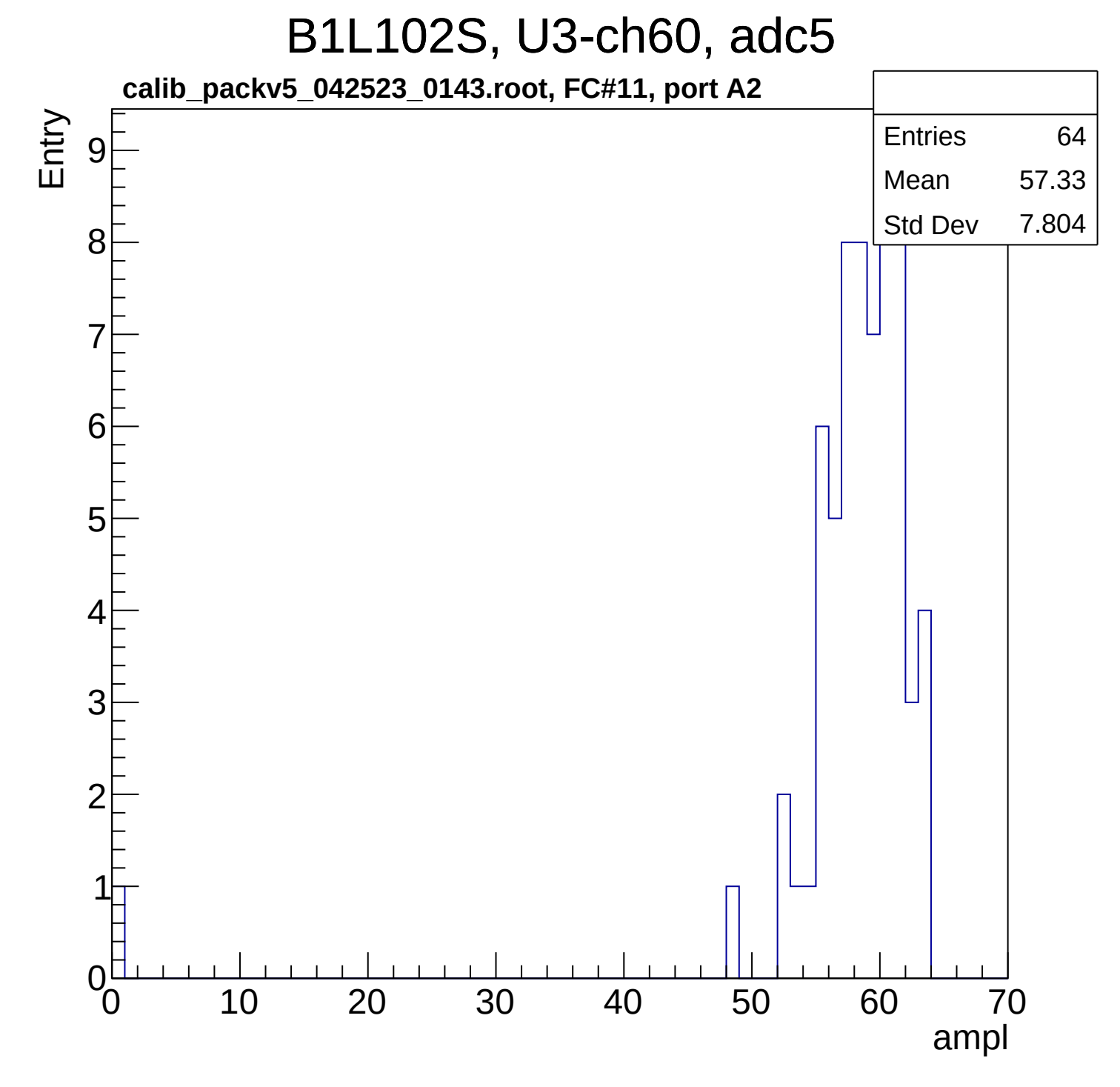
B1L102S, U3-ch60, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 57.33
Std Dev 7.804
Entry
ampl
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3
4
5
6
7
8
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0
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20
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40
50
60
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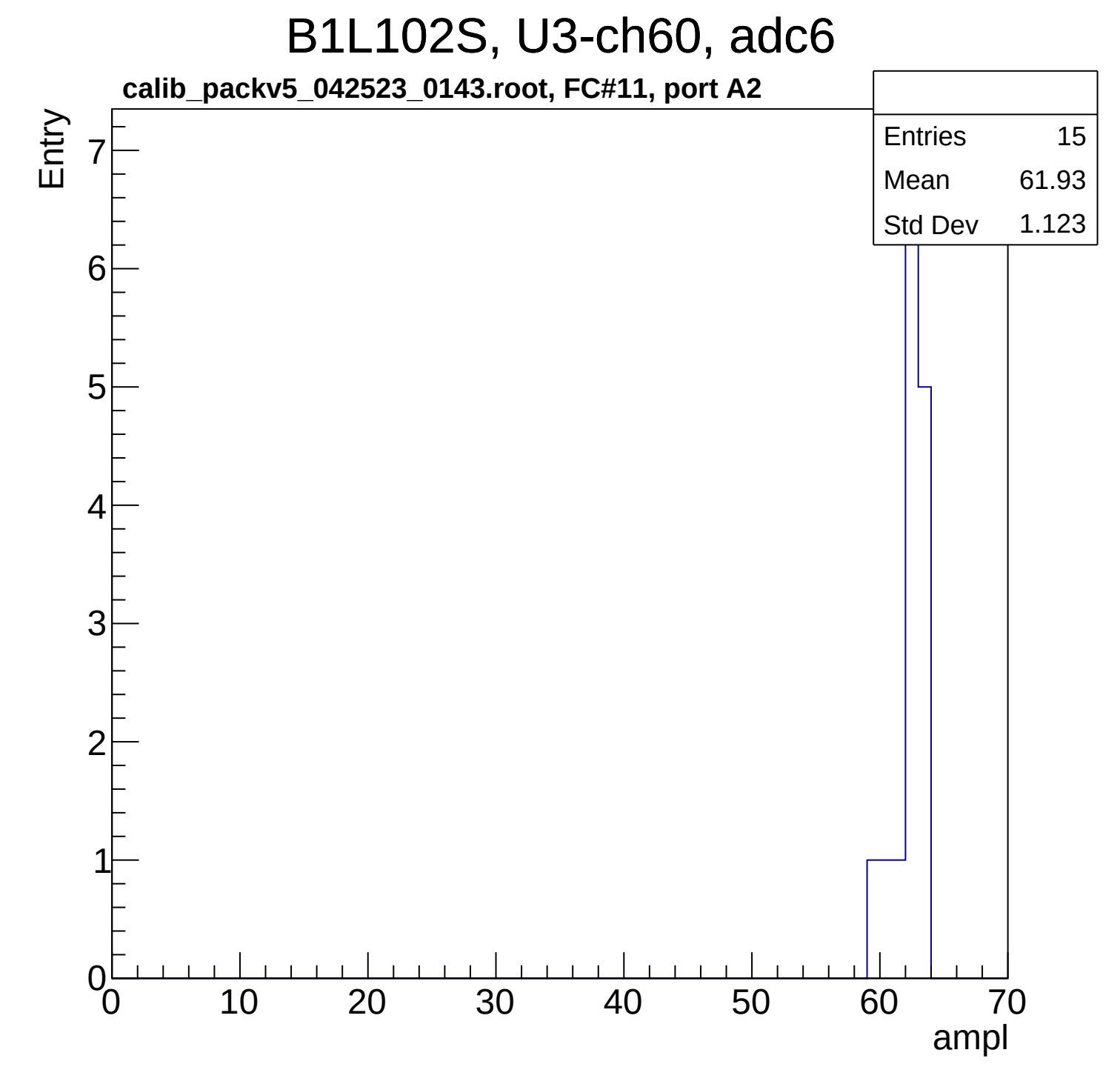
B1L102S, U3-ch60, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 61.93
Std Dev 1.123
Entry
ampl
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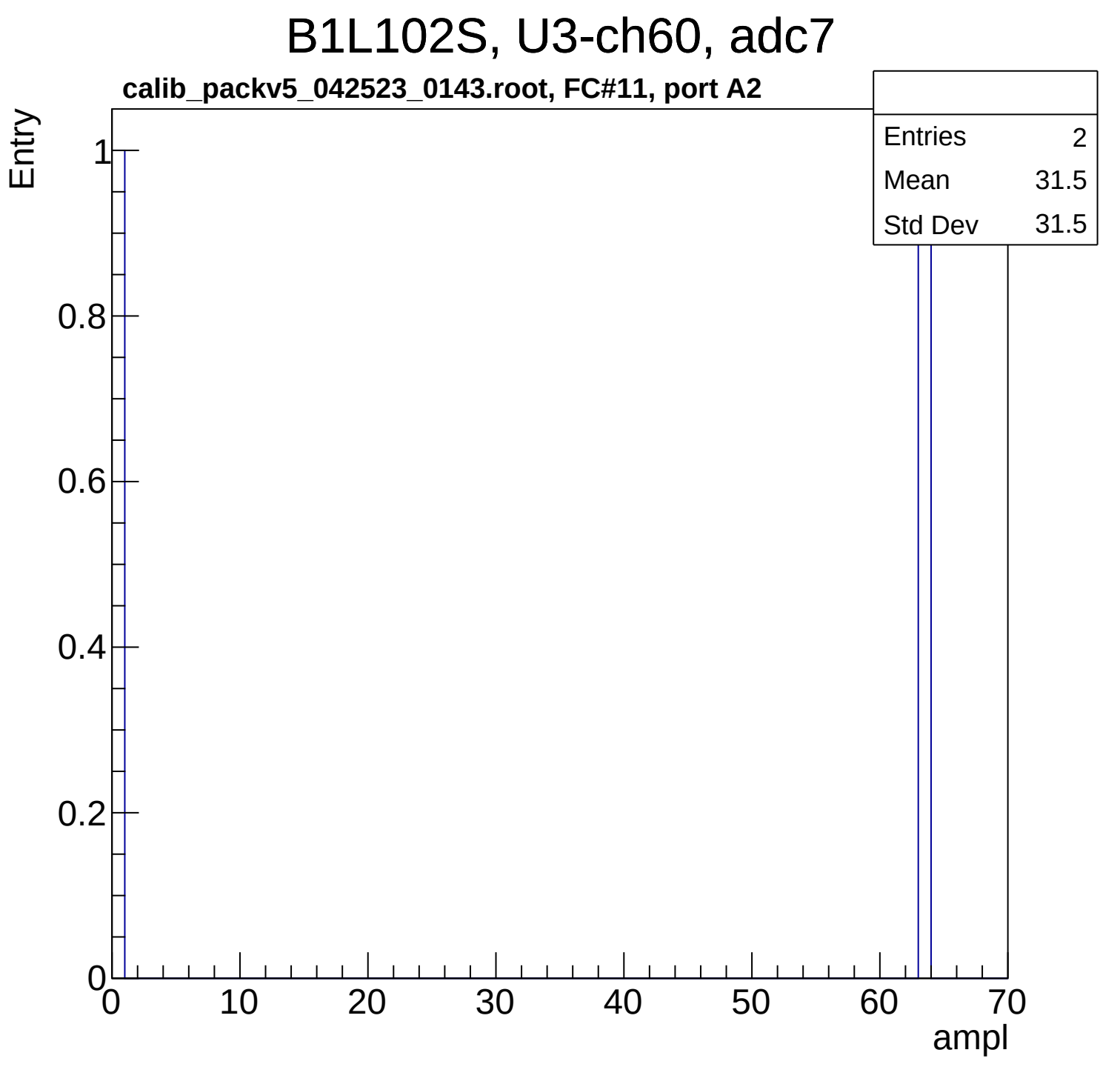
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch60, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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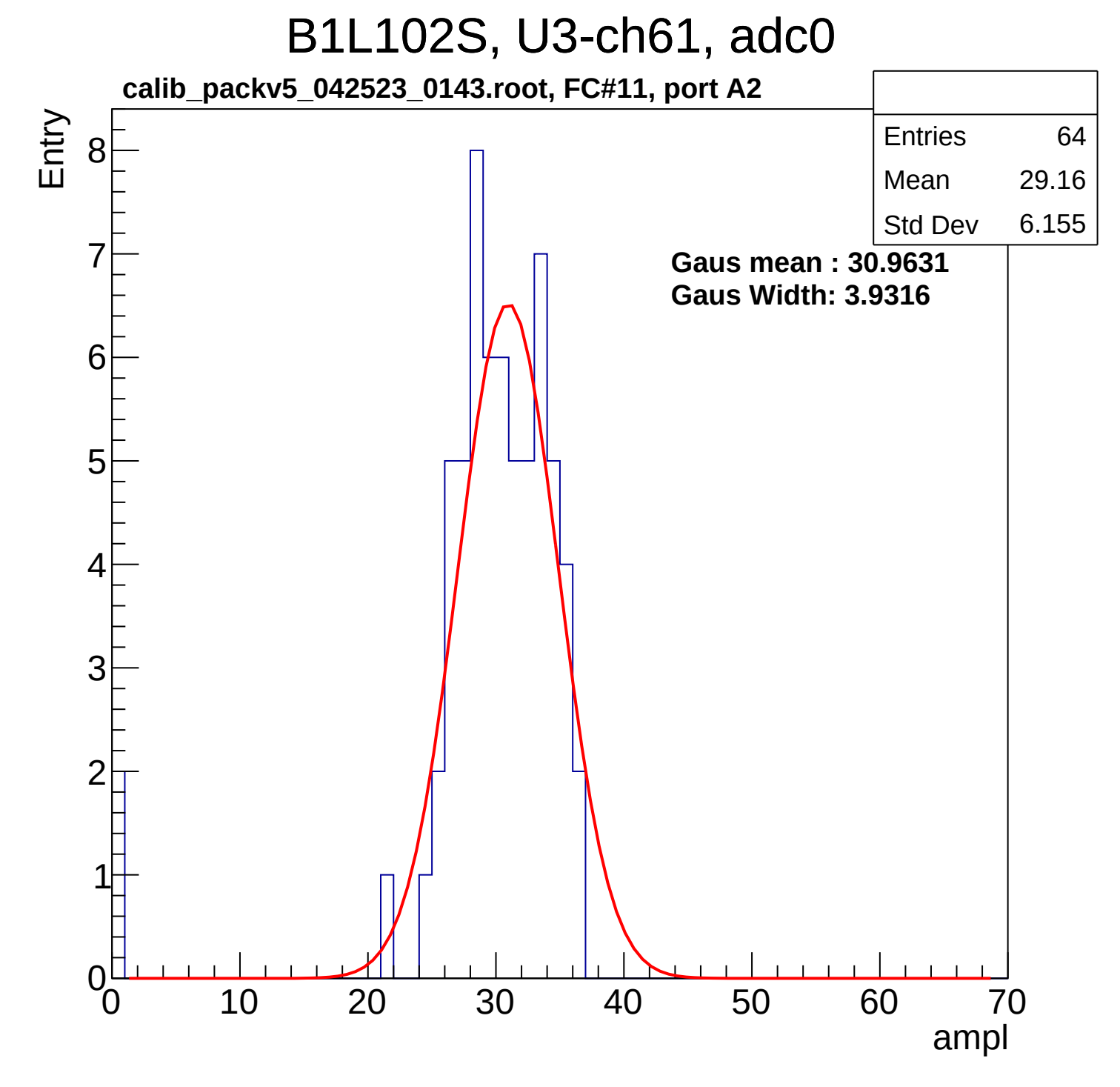
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch61, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 29.16
Std Dev 6.155
Gaus mean : 30.9631
Gaus Width: 3.9316
Entry
ampl
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1
2
3
4
5
6
7
8
0
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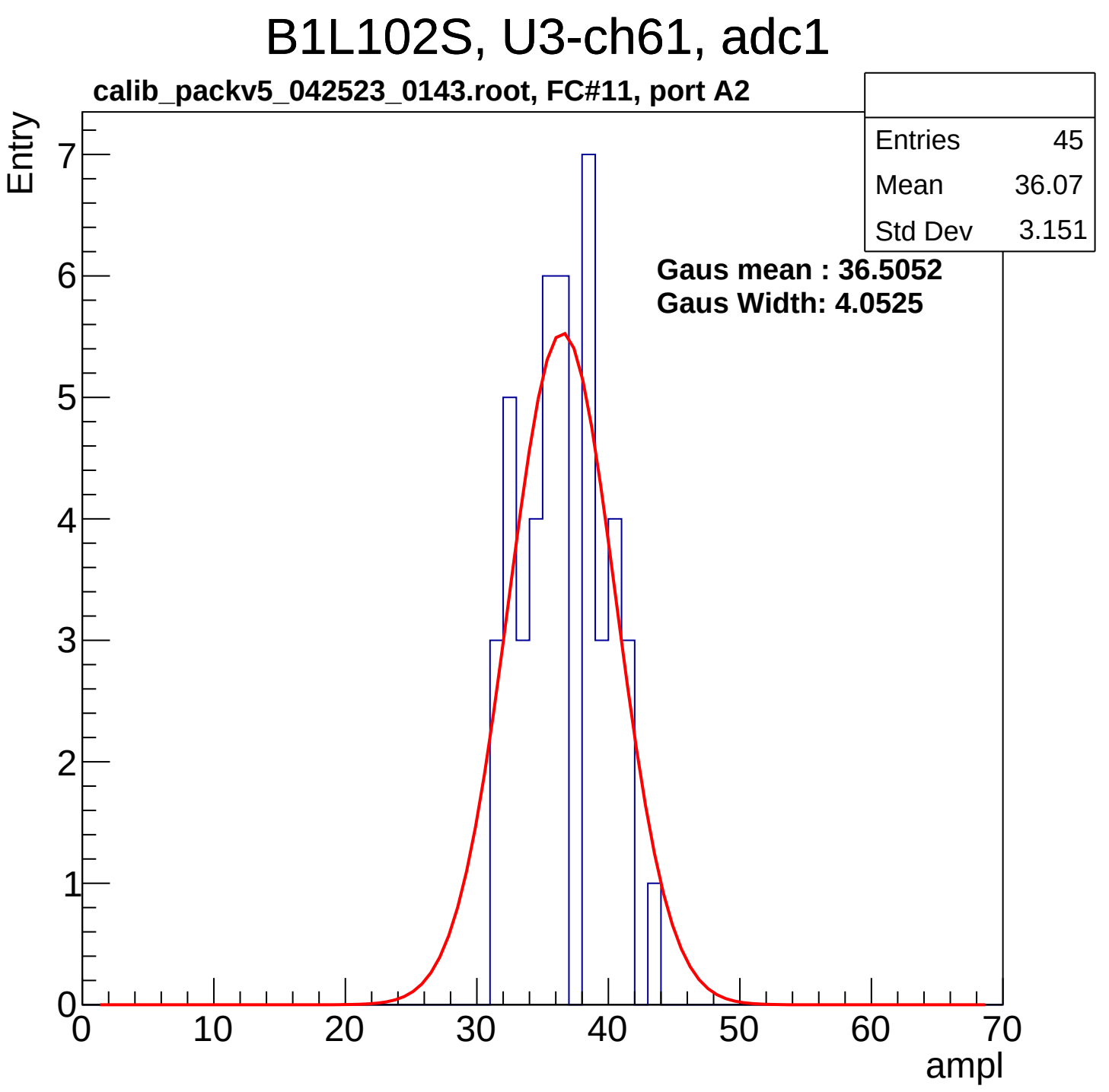
30
40
50
60
70


B1L102S, U3-ch61, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 36.07
Std Dev 3.151
Gaus mean : 36.5052
Gaus Width: 4.0525
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
50
60
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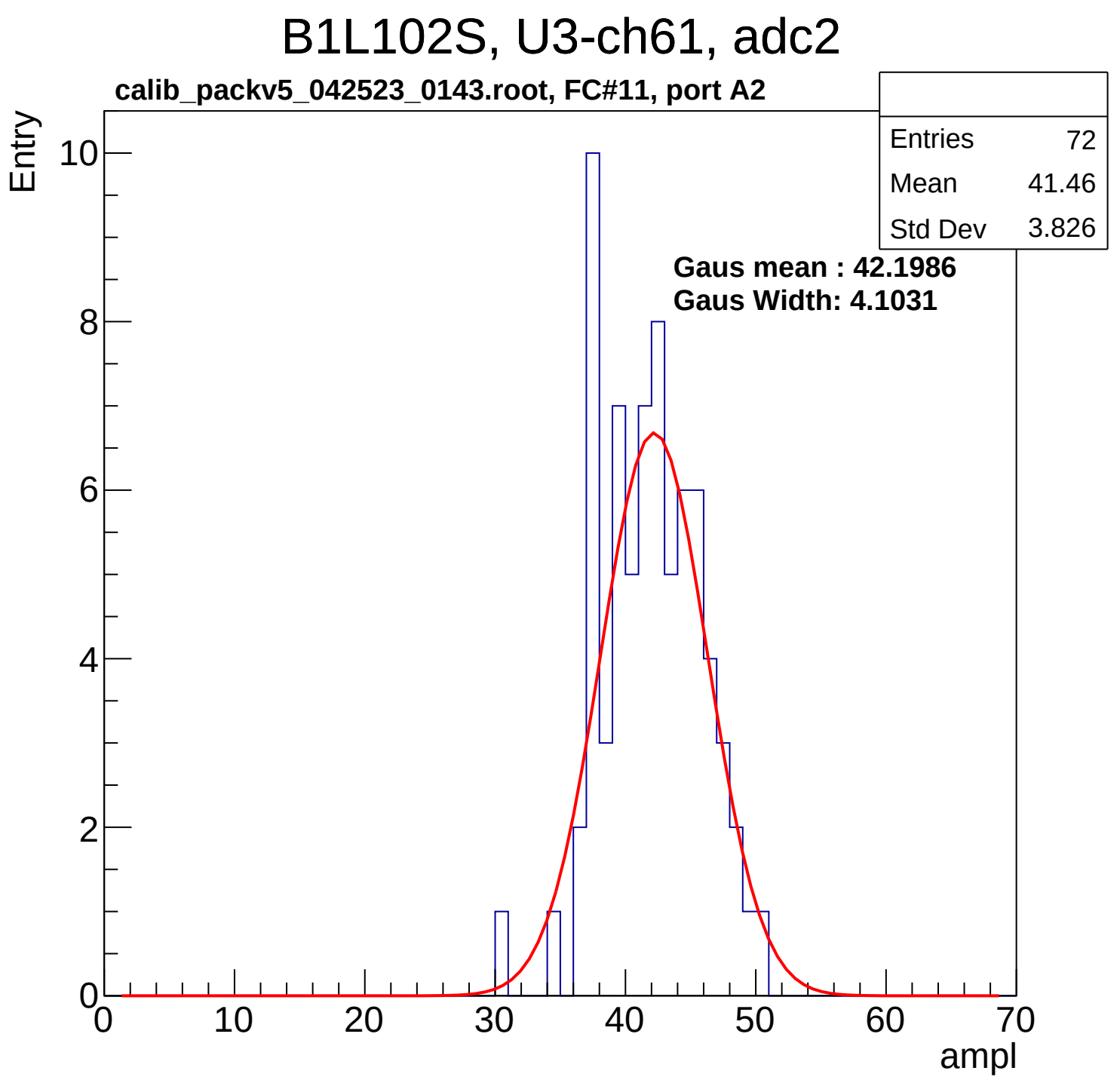
B1L102S, U3-ch61, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 41.46
Std Dev 3.826
Gaus mean : 42.1986
Gaus Width: 4.1031
Entry
ampl
0
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4
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8
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0
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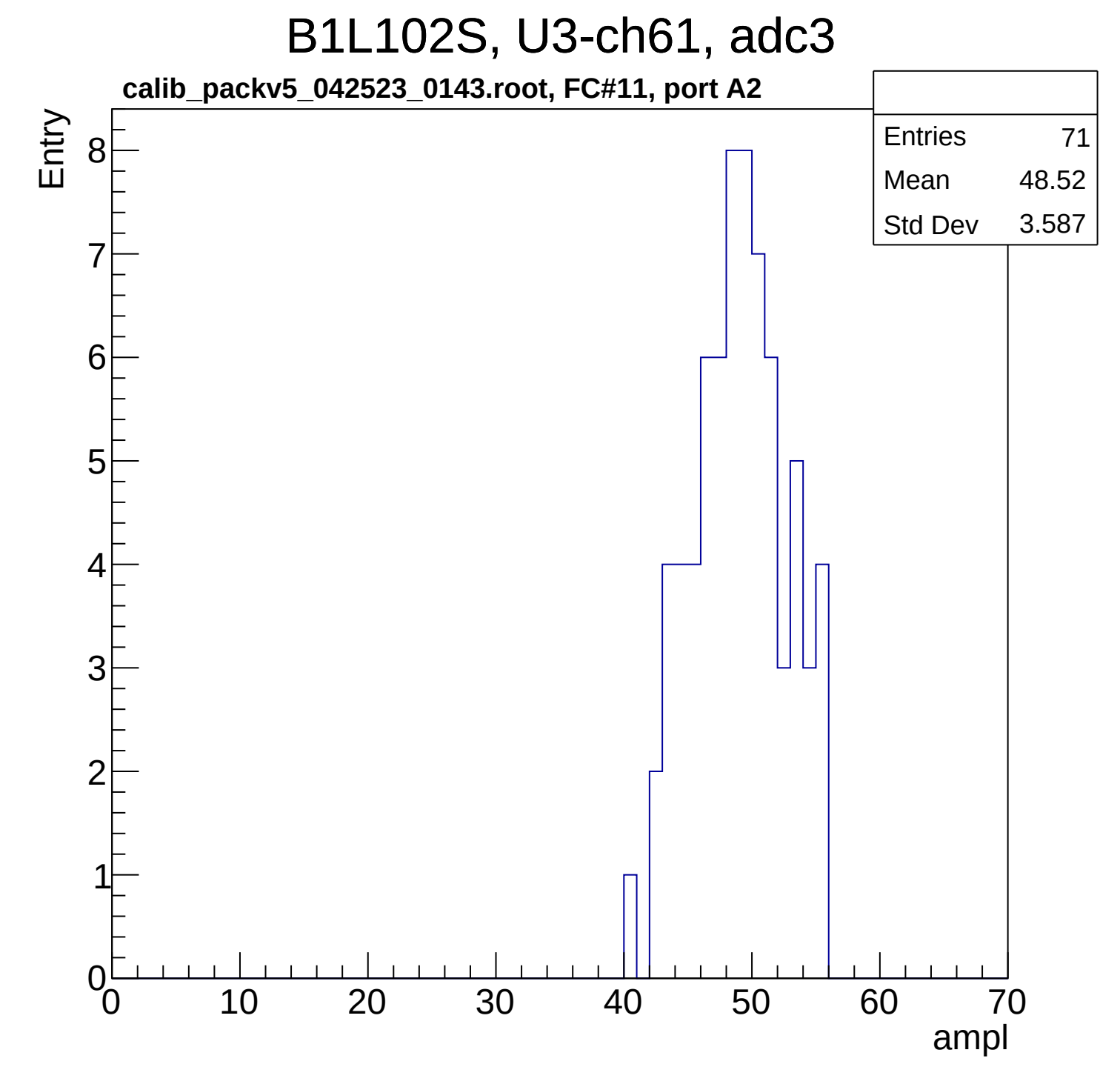
B1L102S, U3-ch61, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 48.52
Std Dev 3.587
Entry
ampl
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7
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60
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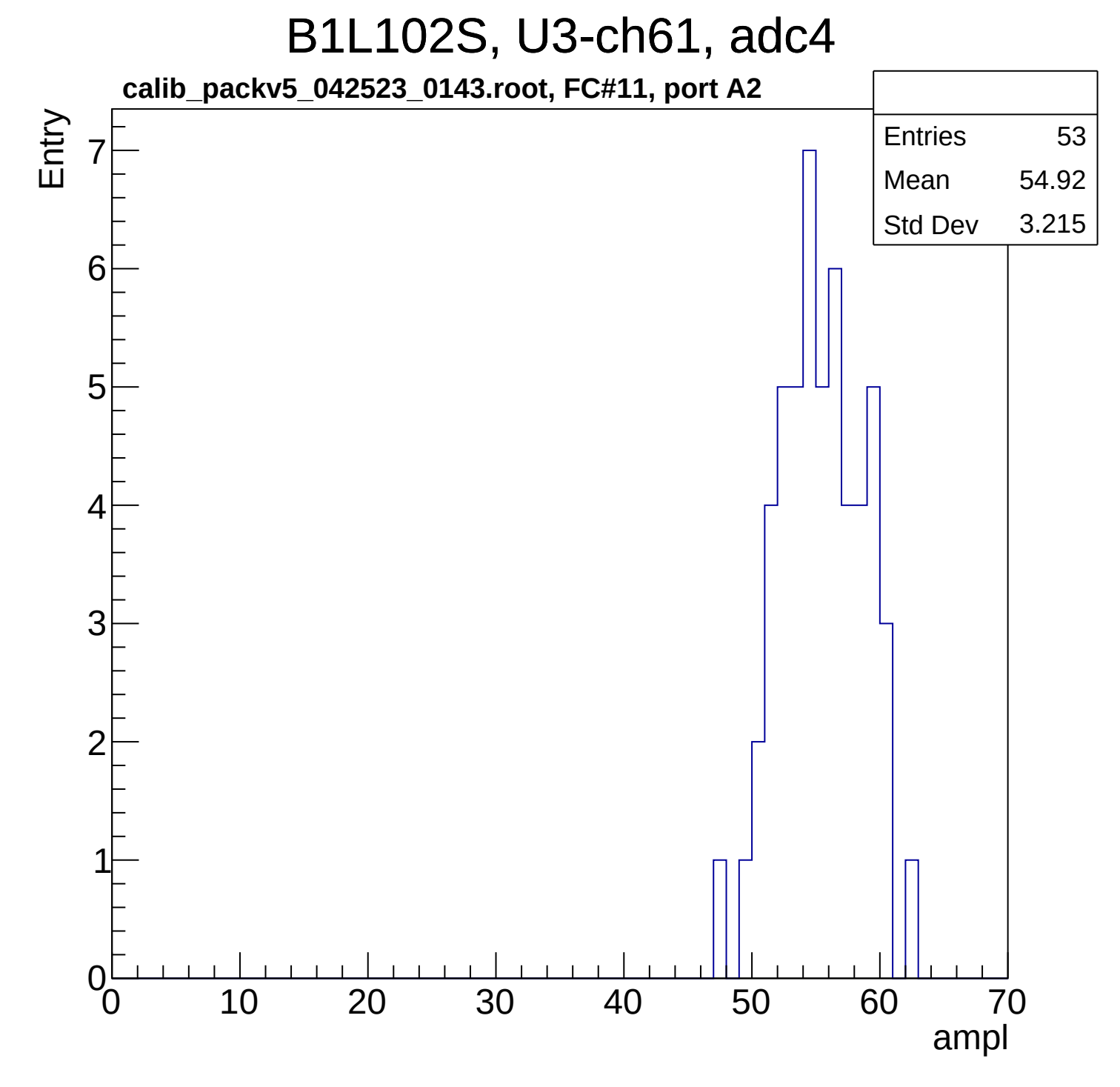
B1L102S, U3-ch61, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 54.92
Std Dev 3.215
Entry
ampl
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4
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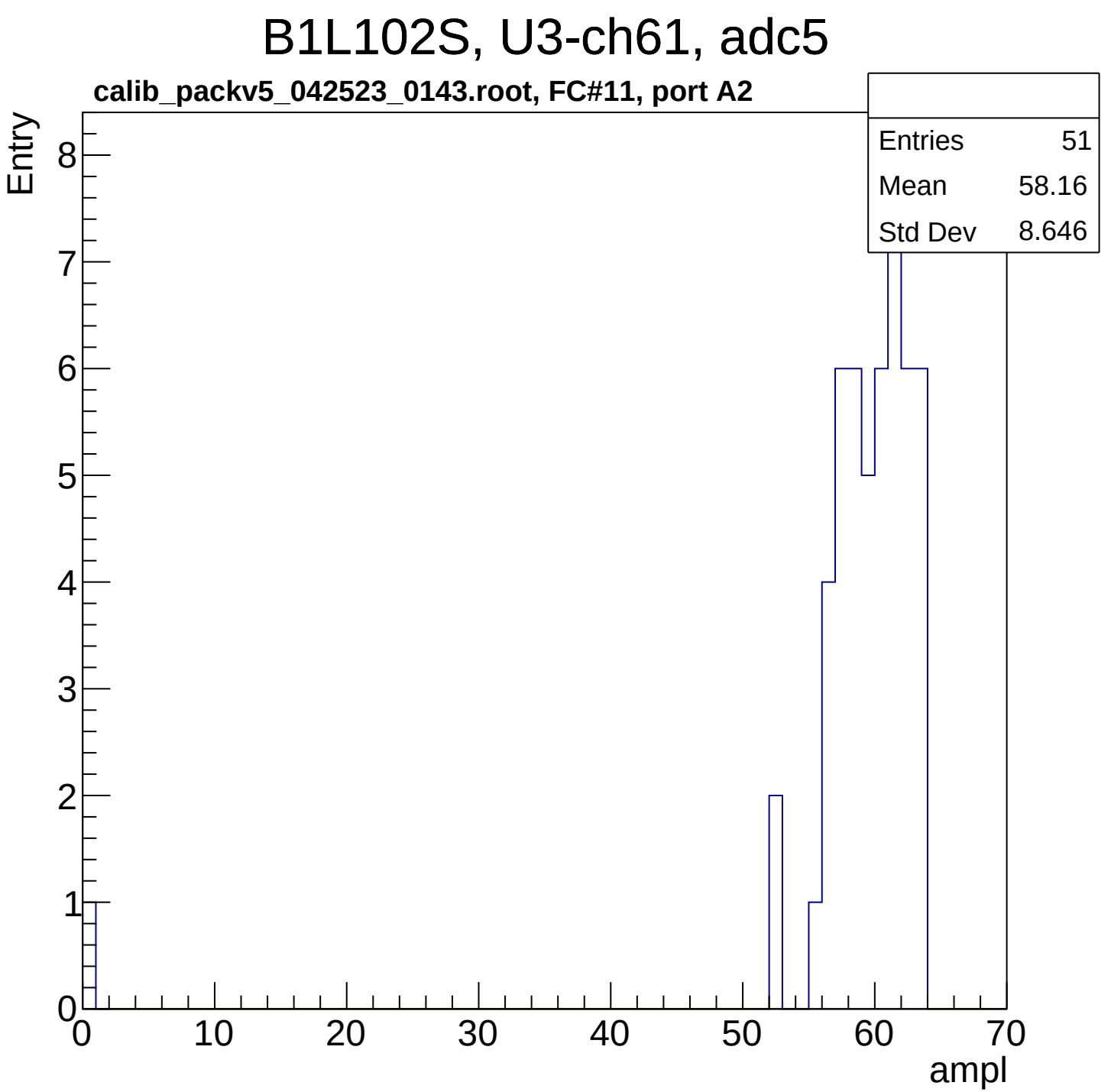
B1L102S, U3-ch61, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 58.16
Std Dev 8.646
Entry
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2
3
4
5
6
7
8
0
10
20
30
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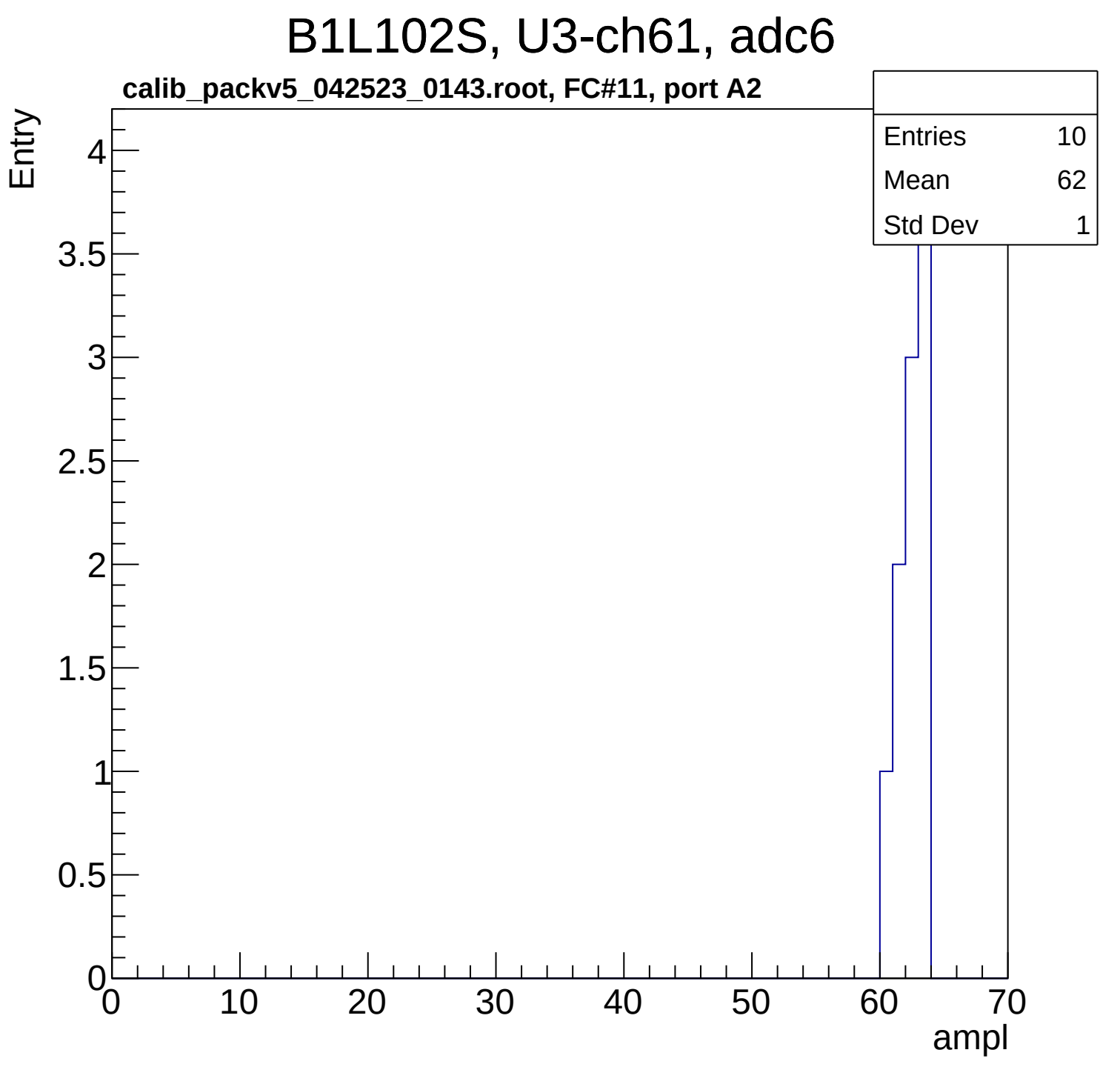
50
60
70
ampl


B1L102S, U3-ch61, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 62
Std Dev 1
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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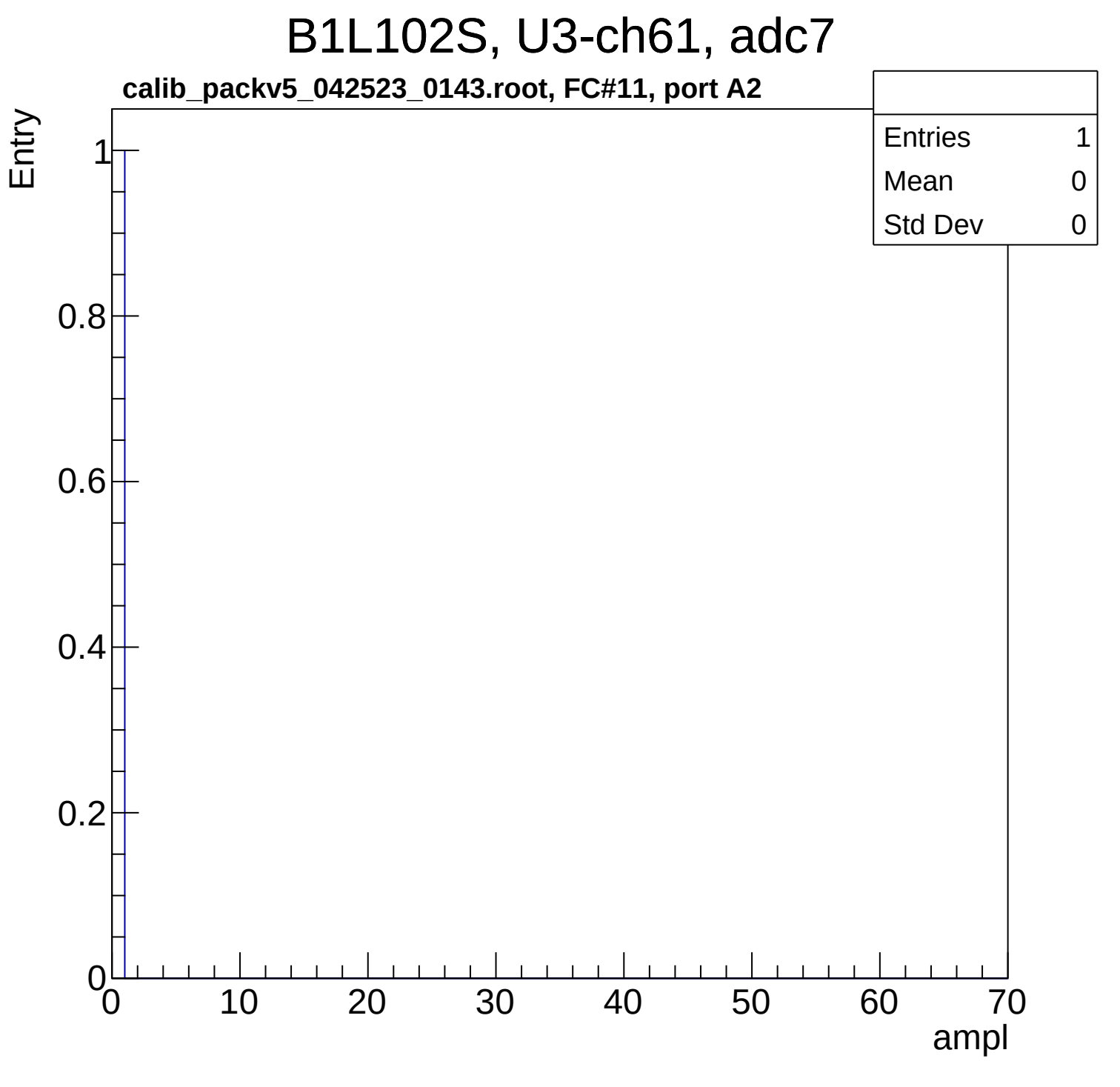
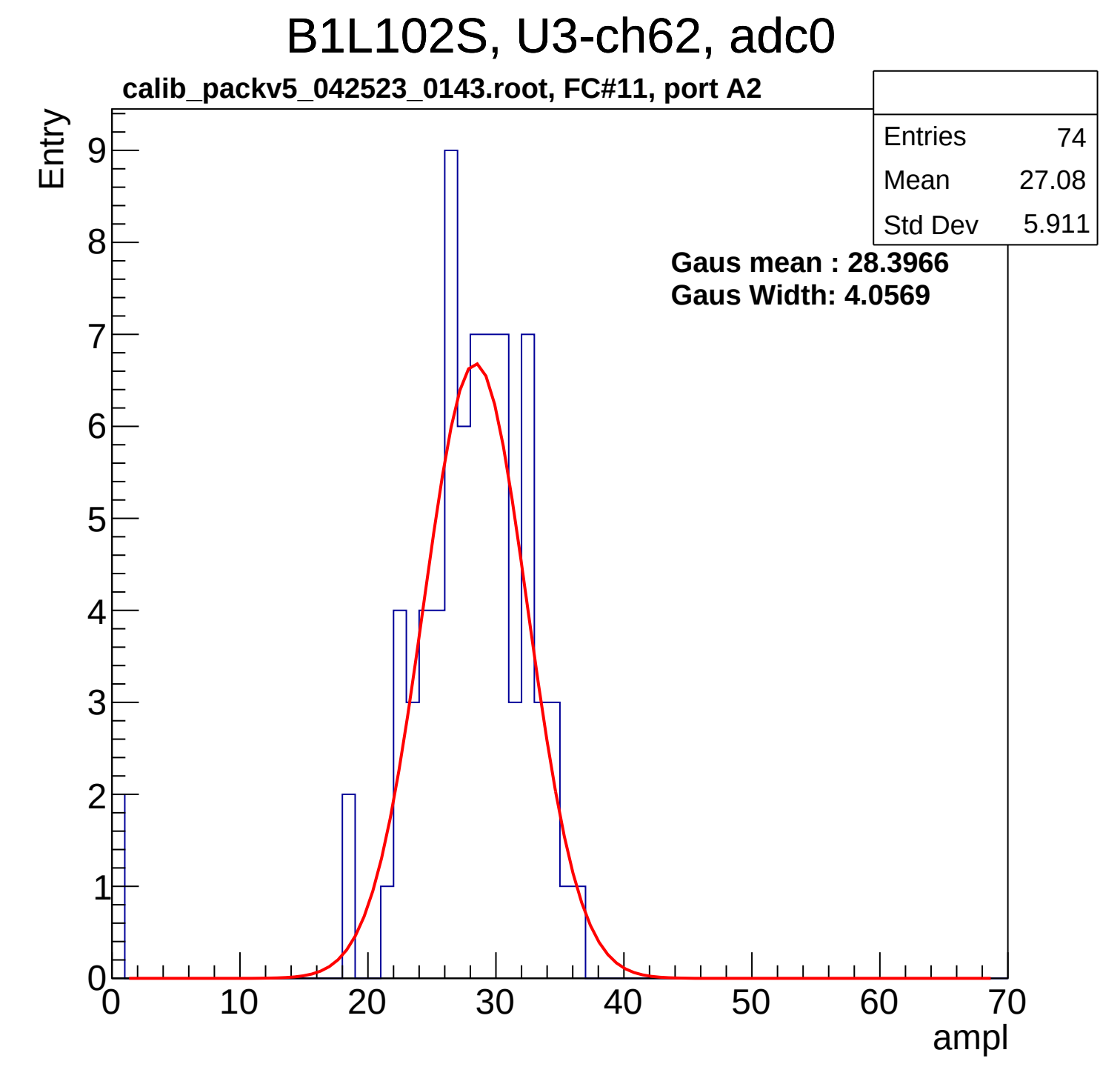

B1L102S, U3-ch61, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch62, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 27.08
Std Dev 5.911
Gaus mean : 28.3966
Gaus Width: 4.0569
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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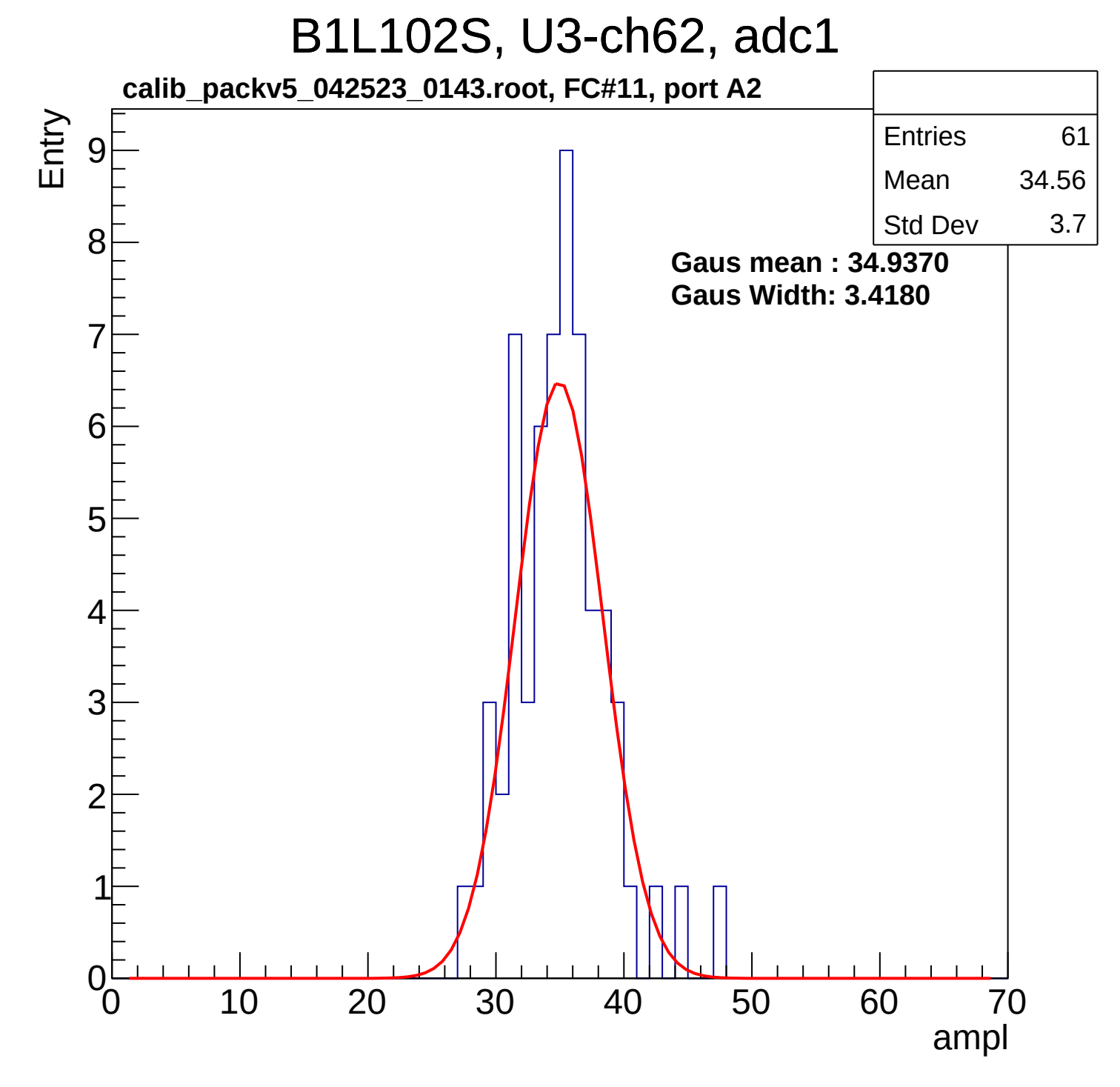
B1L102S, U3-ch62, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 34.56
Std Dev 3.7
Gaus mean : 34.9370
Gaus Width: 3.4180
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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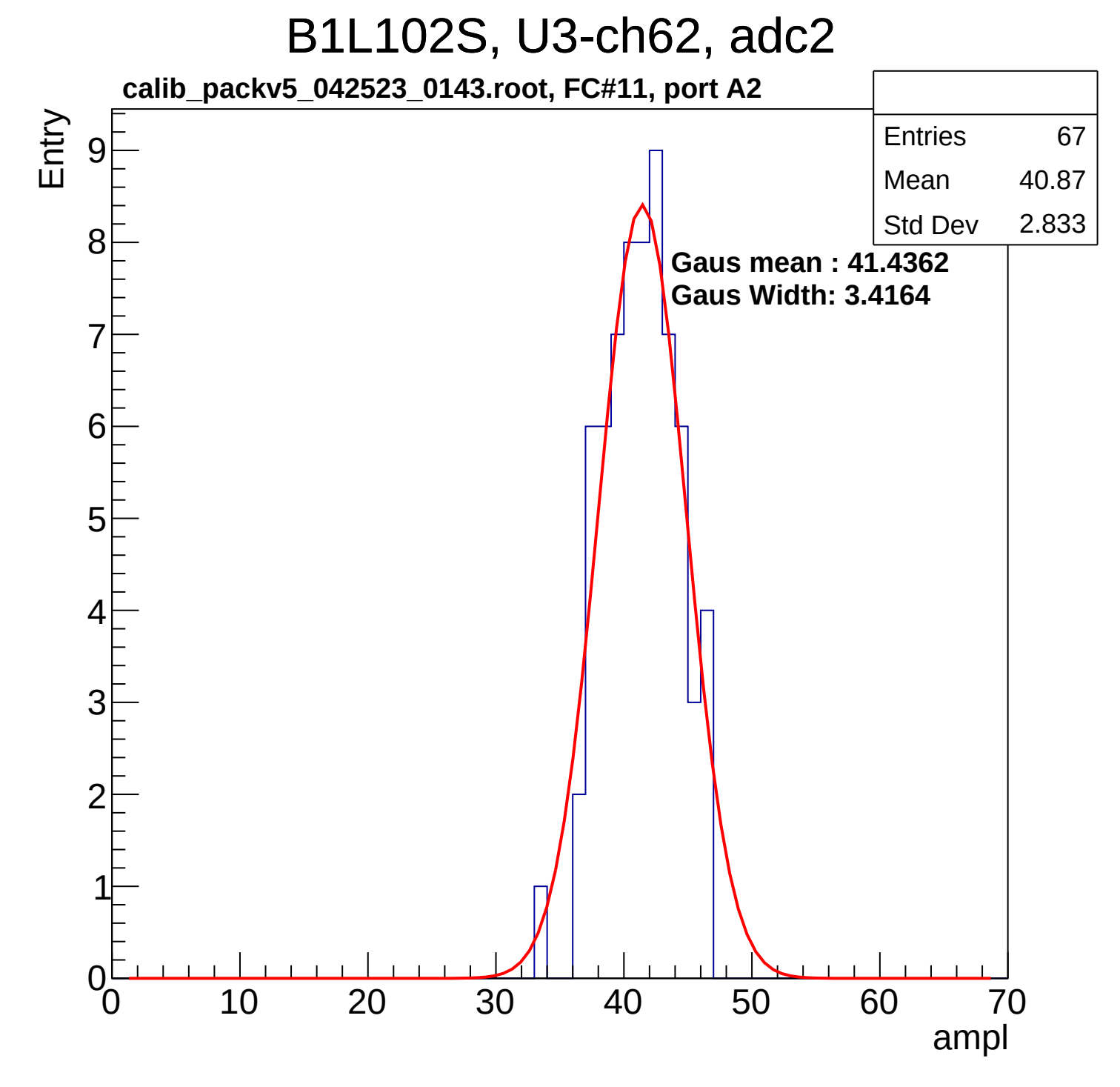
B1L102S, U3-ch62, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 40.87
Std Dev 2.833
Gaus mean : 41.4362
Gaus Width: 3.4164
Entry
ampl
0
10
20
30
40
50
60
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1
2
3
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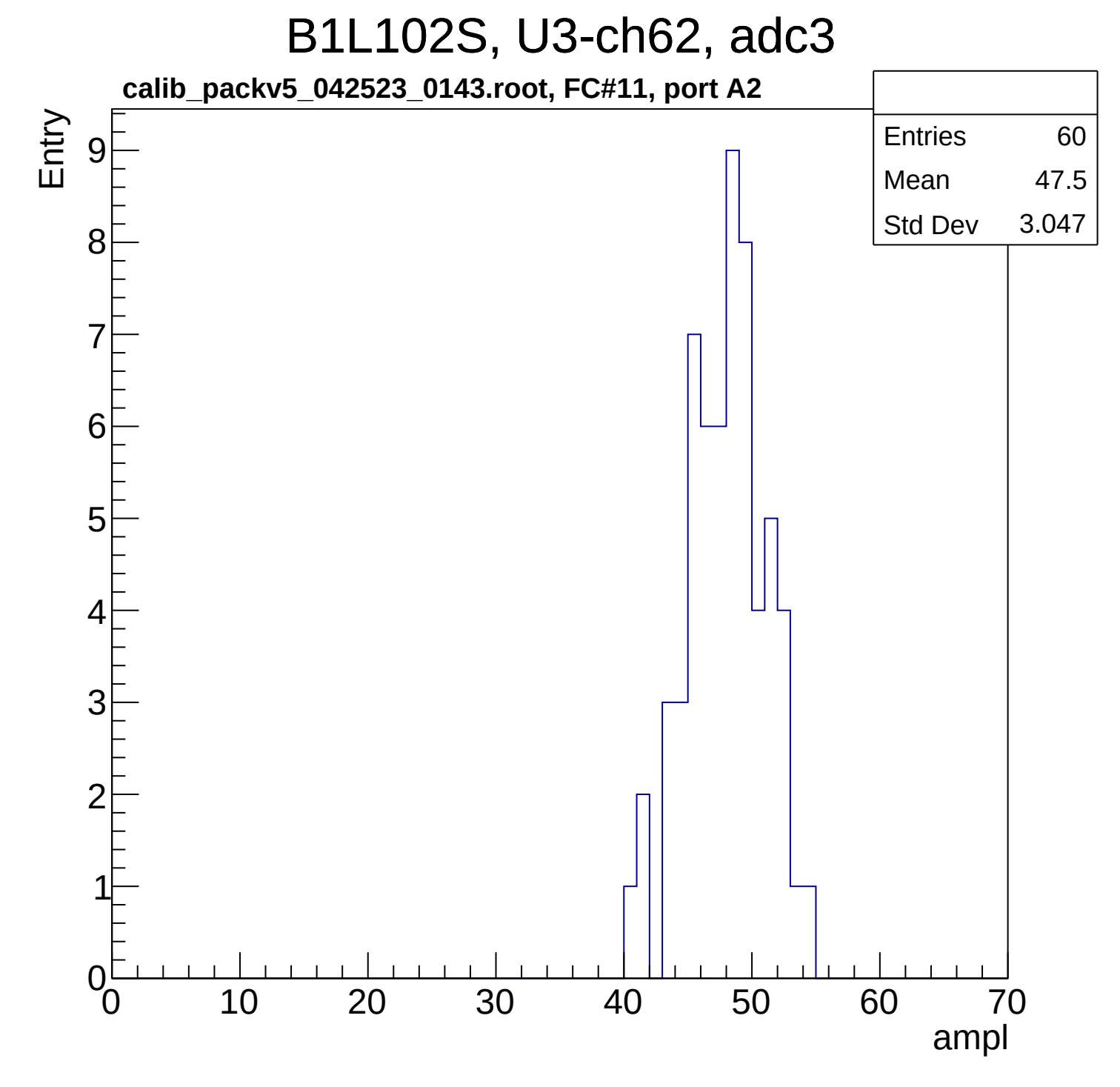
6
7
8
9


B1L102S, U3-ch62, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 47.5
Std Dev 3.047
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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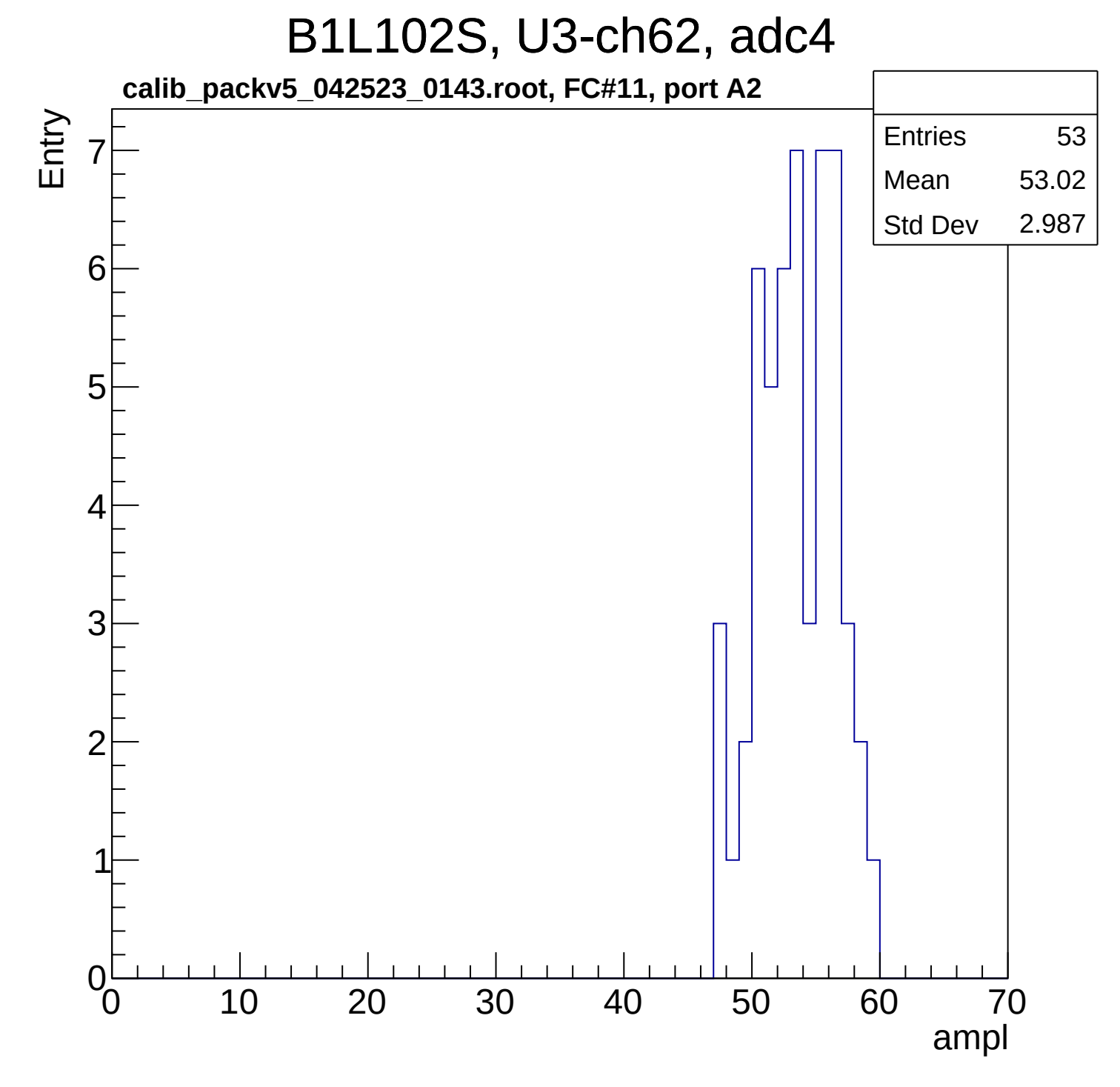
B1L102S, U3-ch62, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 53.02
Std Dev 2.987
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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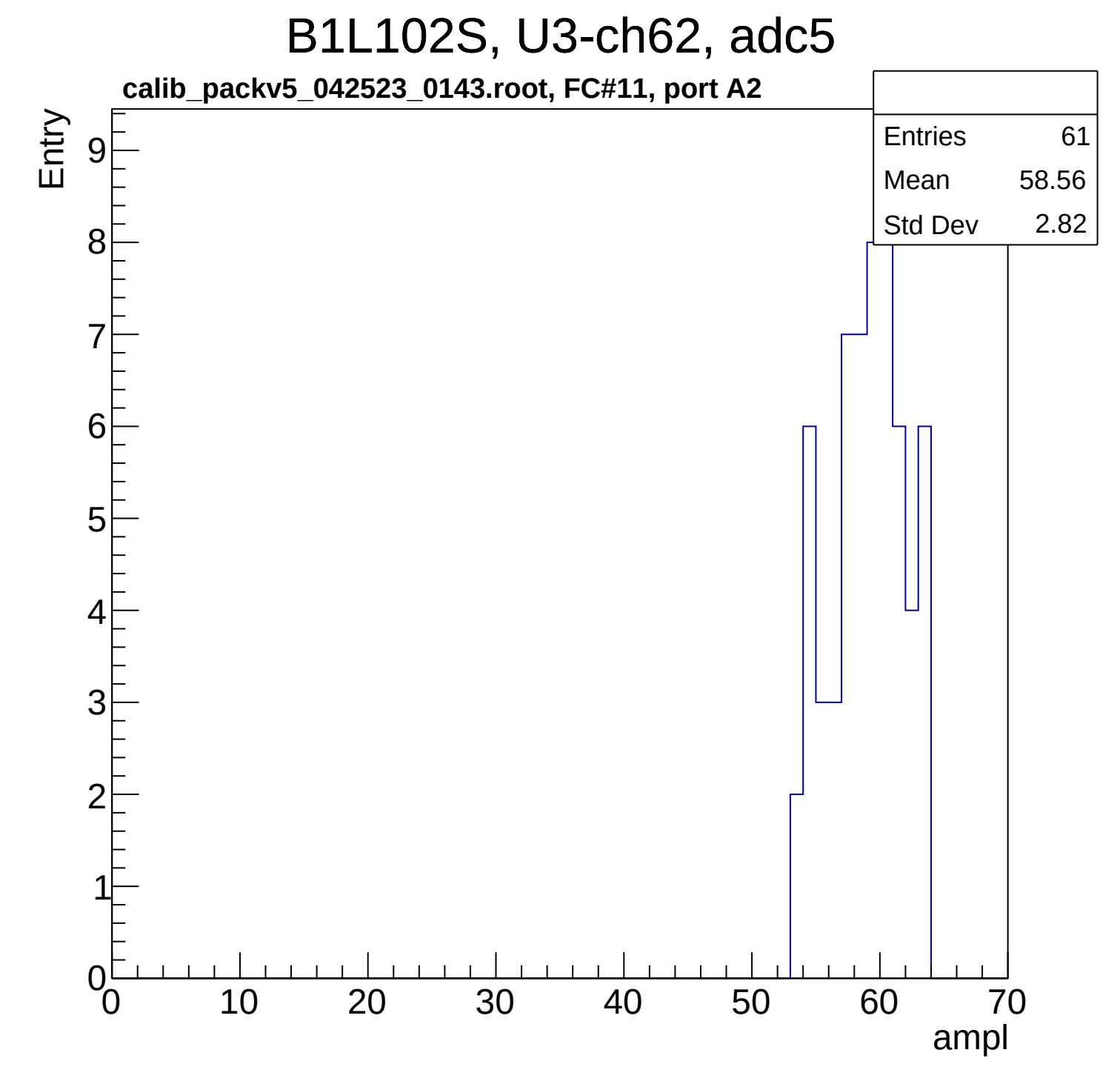
B1L102S, U3-ch62, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 58.56
Std Dev 2.82
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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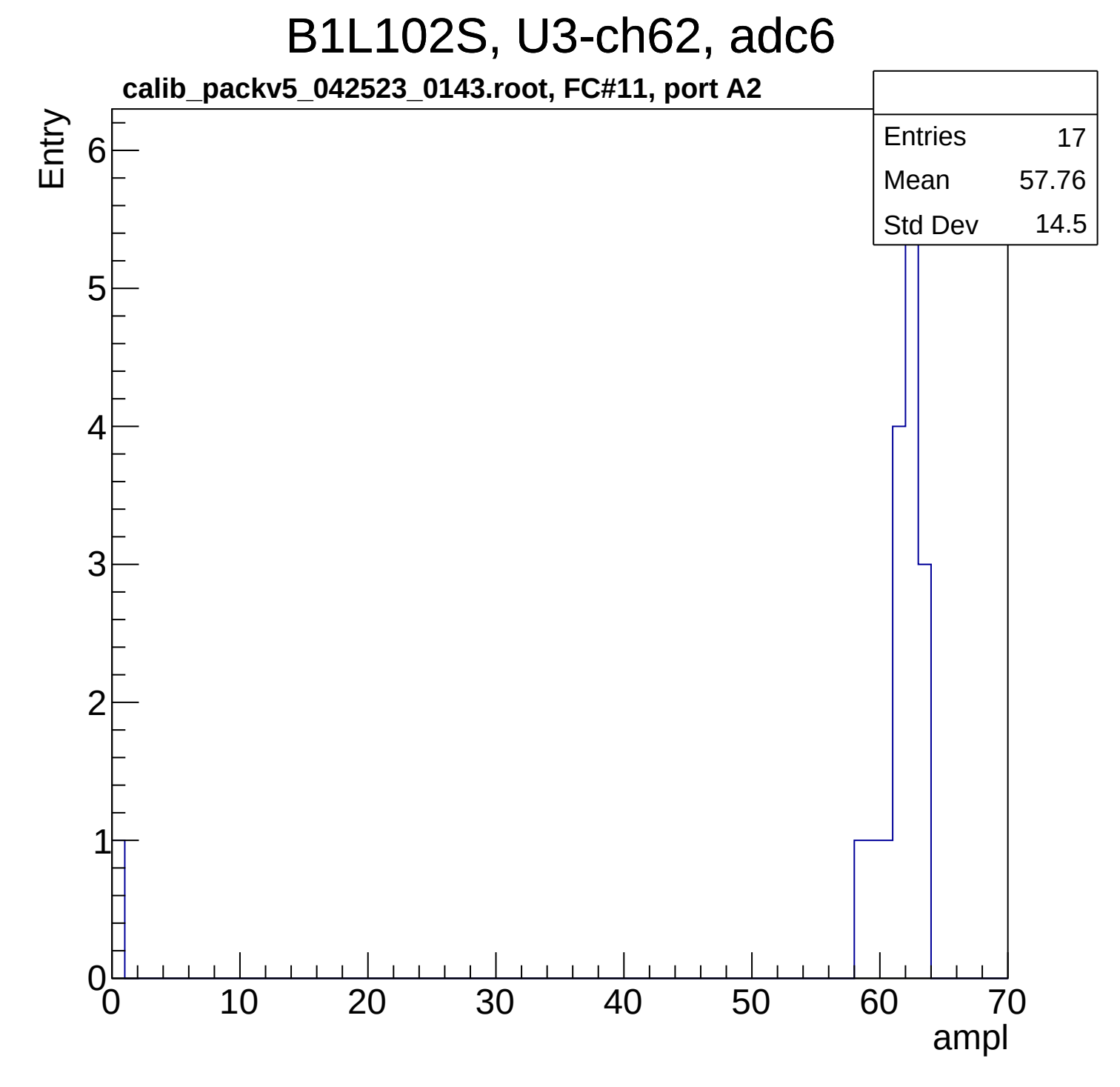
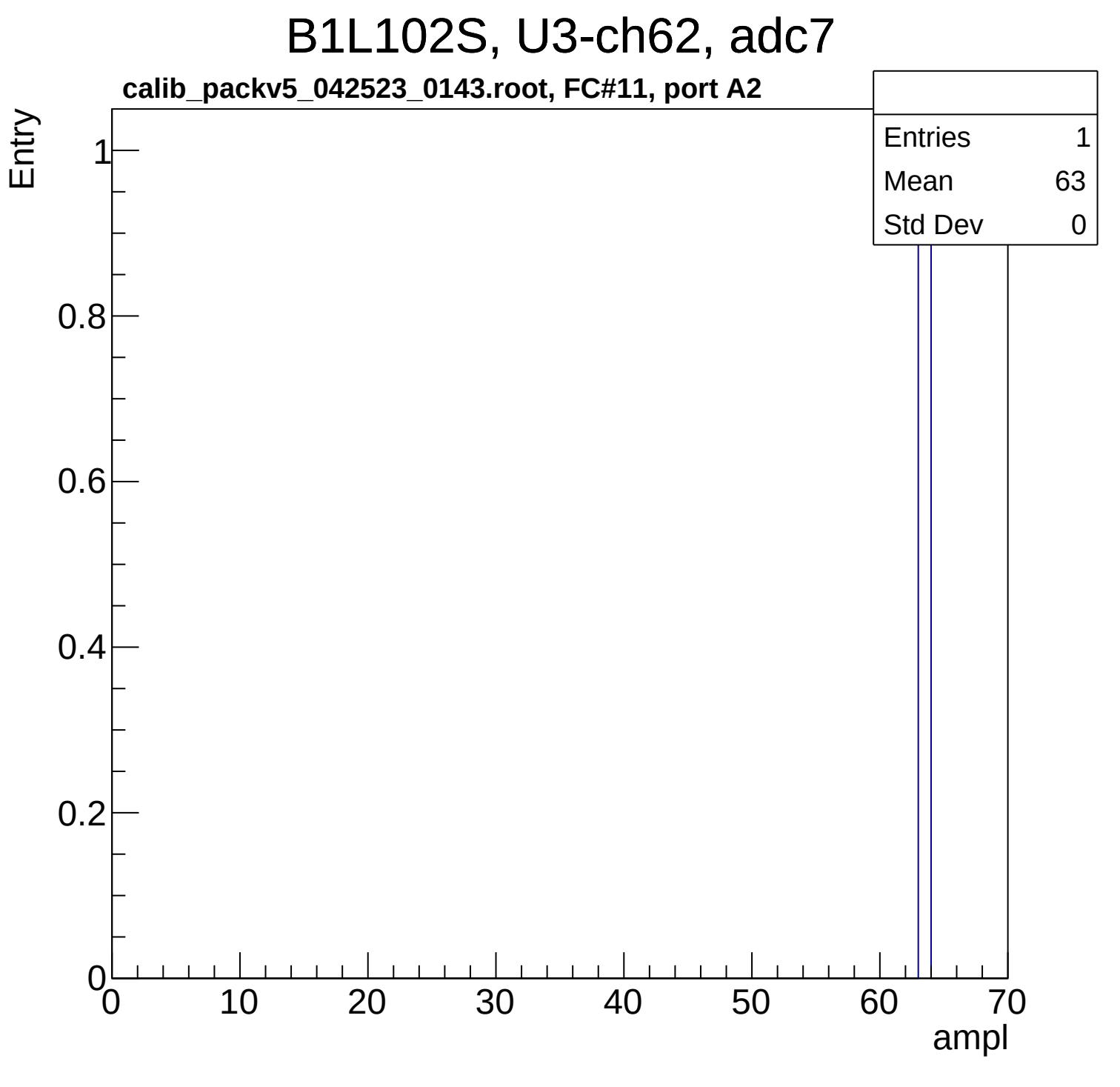

B1L102S, U3-ch62, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 17
Mean 57.76
Std Dev 14.5
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch62, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 63
Std Dev 0
Entry
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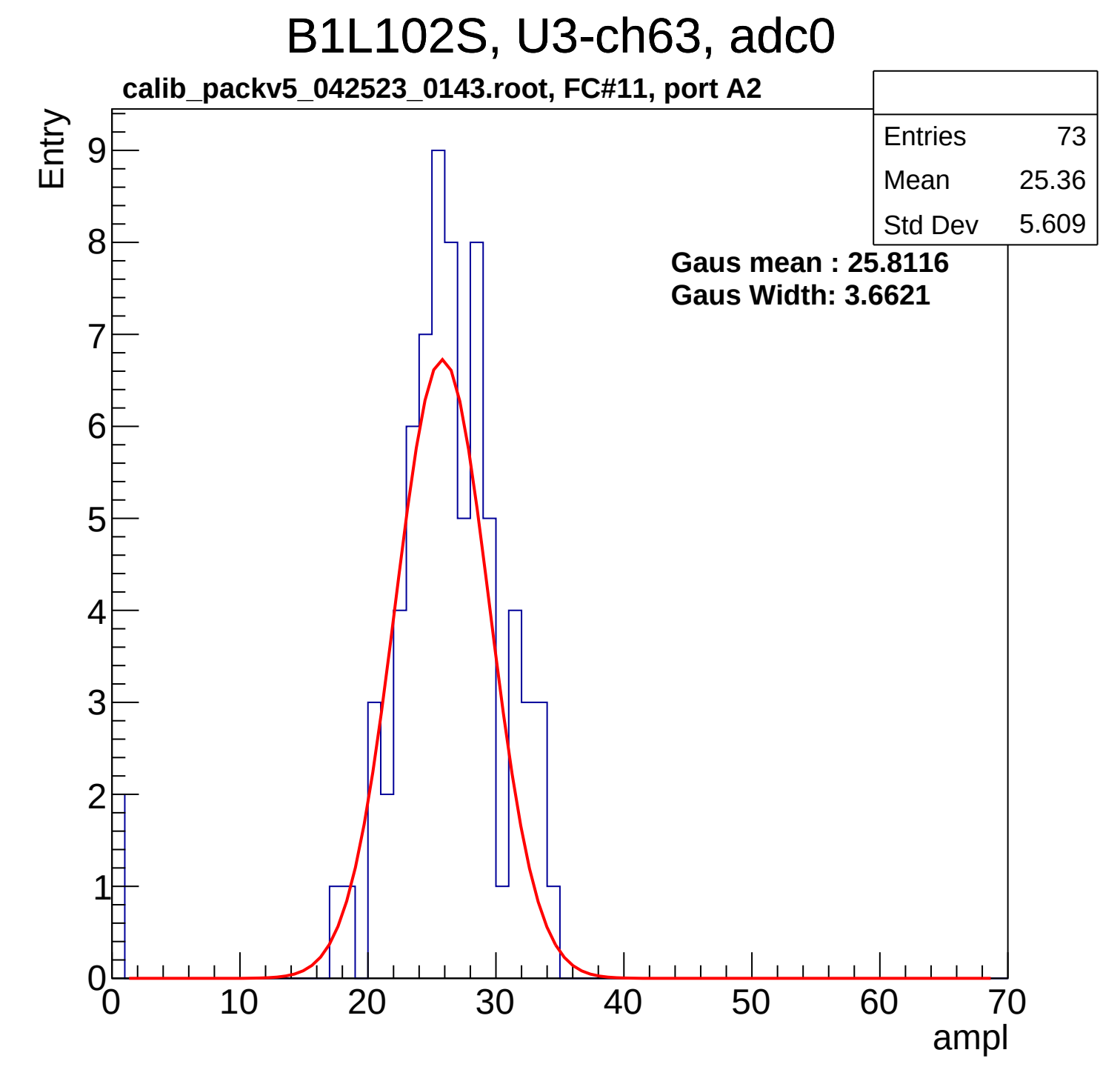
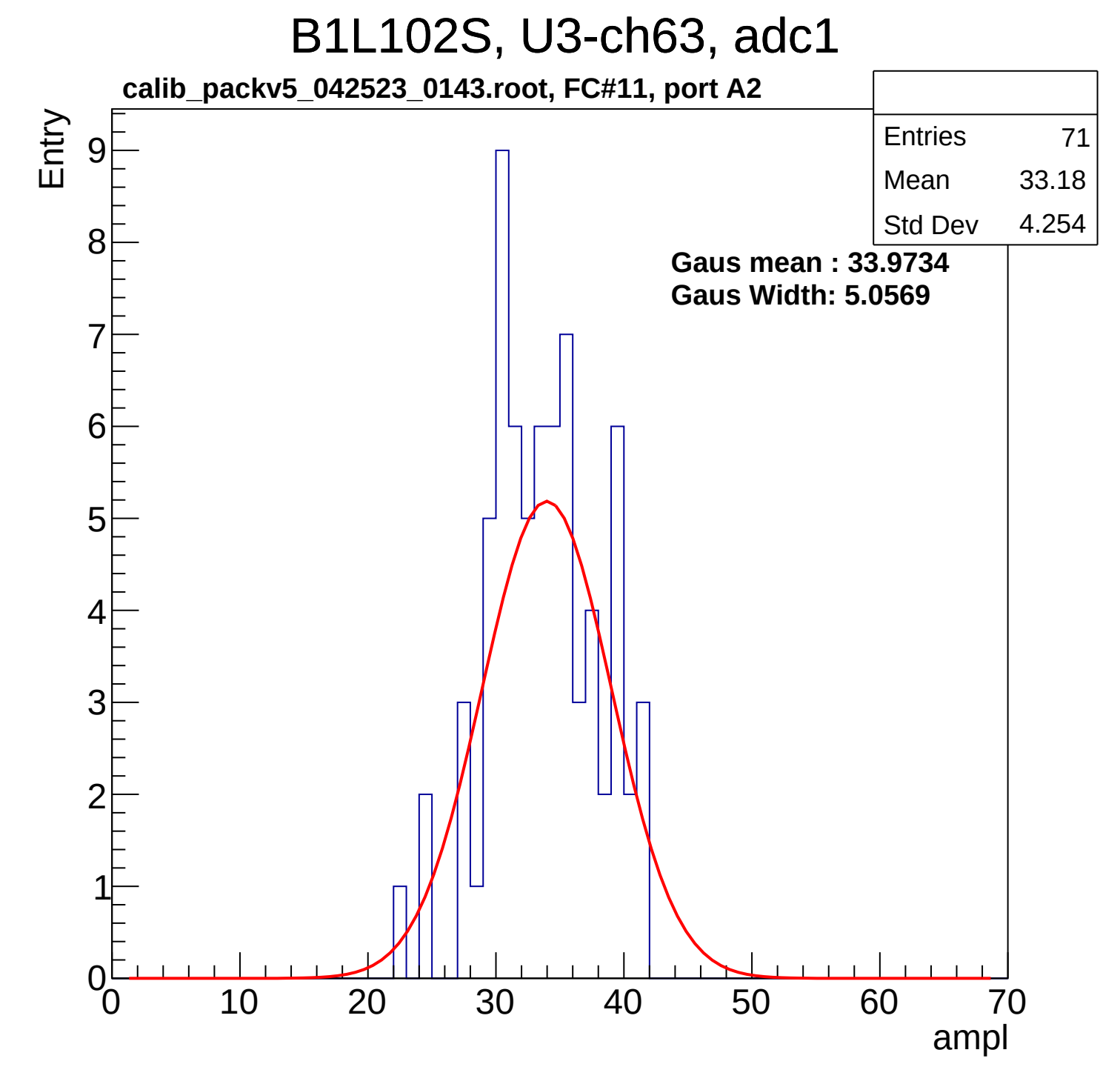
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch63, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 25.36
Std Dev 5.609
Gaus mean : 25.8116
Gaus Width: 3.6621
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch63, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 33.18
Std Dev 4.254
Gaus mean : 33.9734
Gaus Width: 5.0569
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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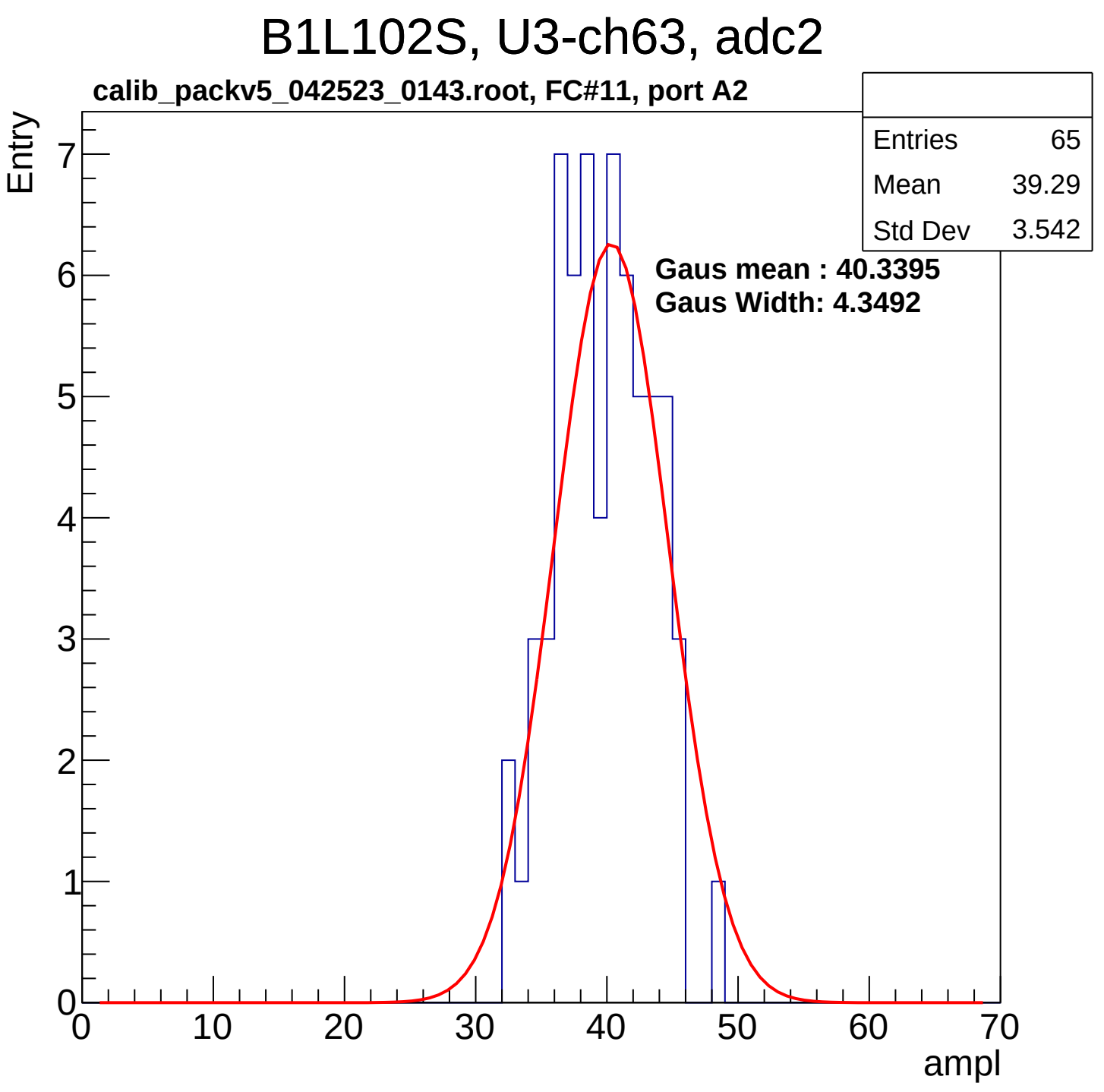
B1L102S, U3-ch63, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 39.29
Std Dev 3.542
Gaus mean : 40.3395
Gaus Width: 4.3492
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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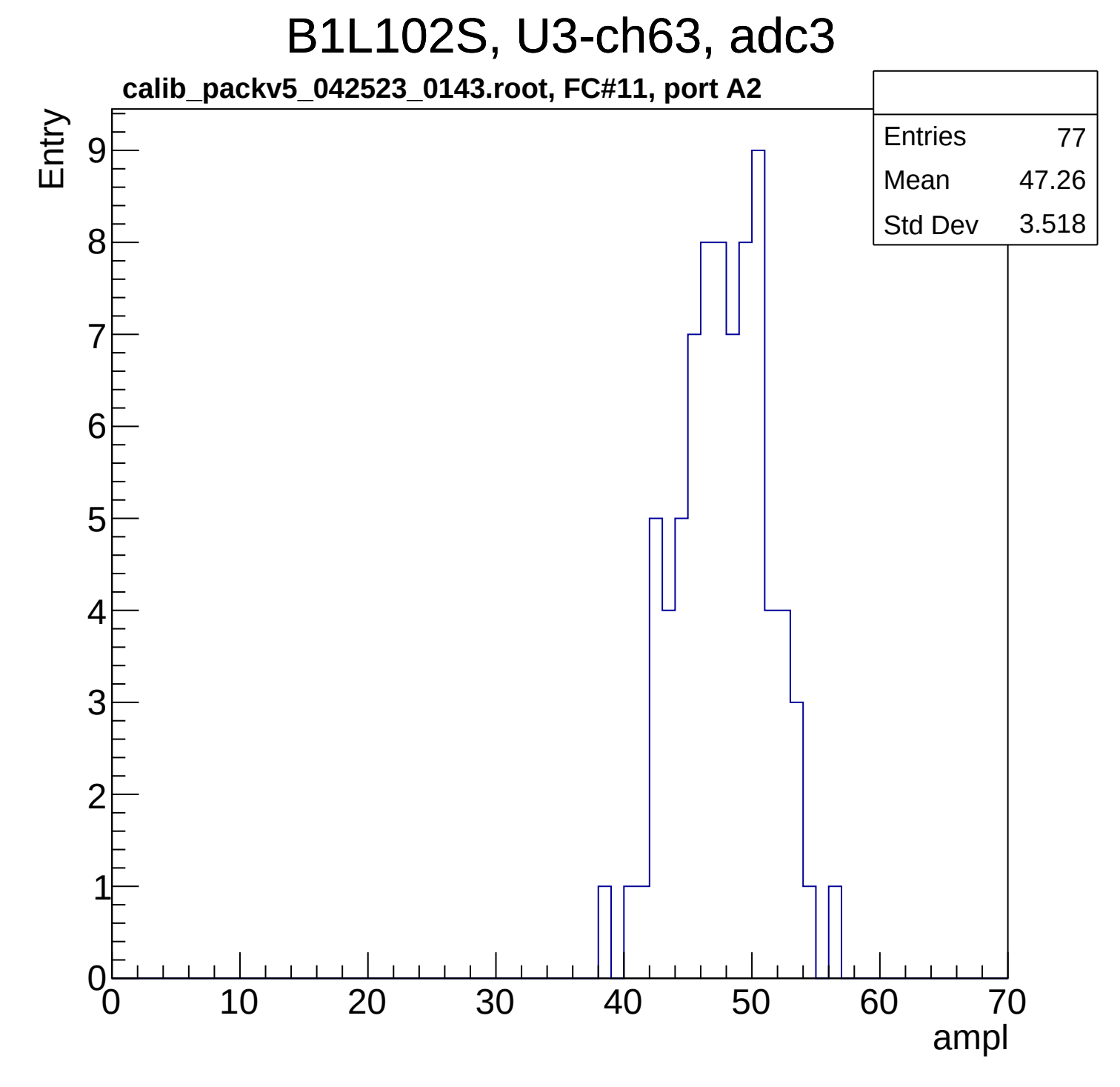
B1L102S, U3-ch63, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 47.26
Std Dev 3.518
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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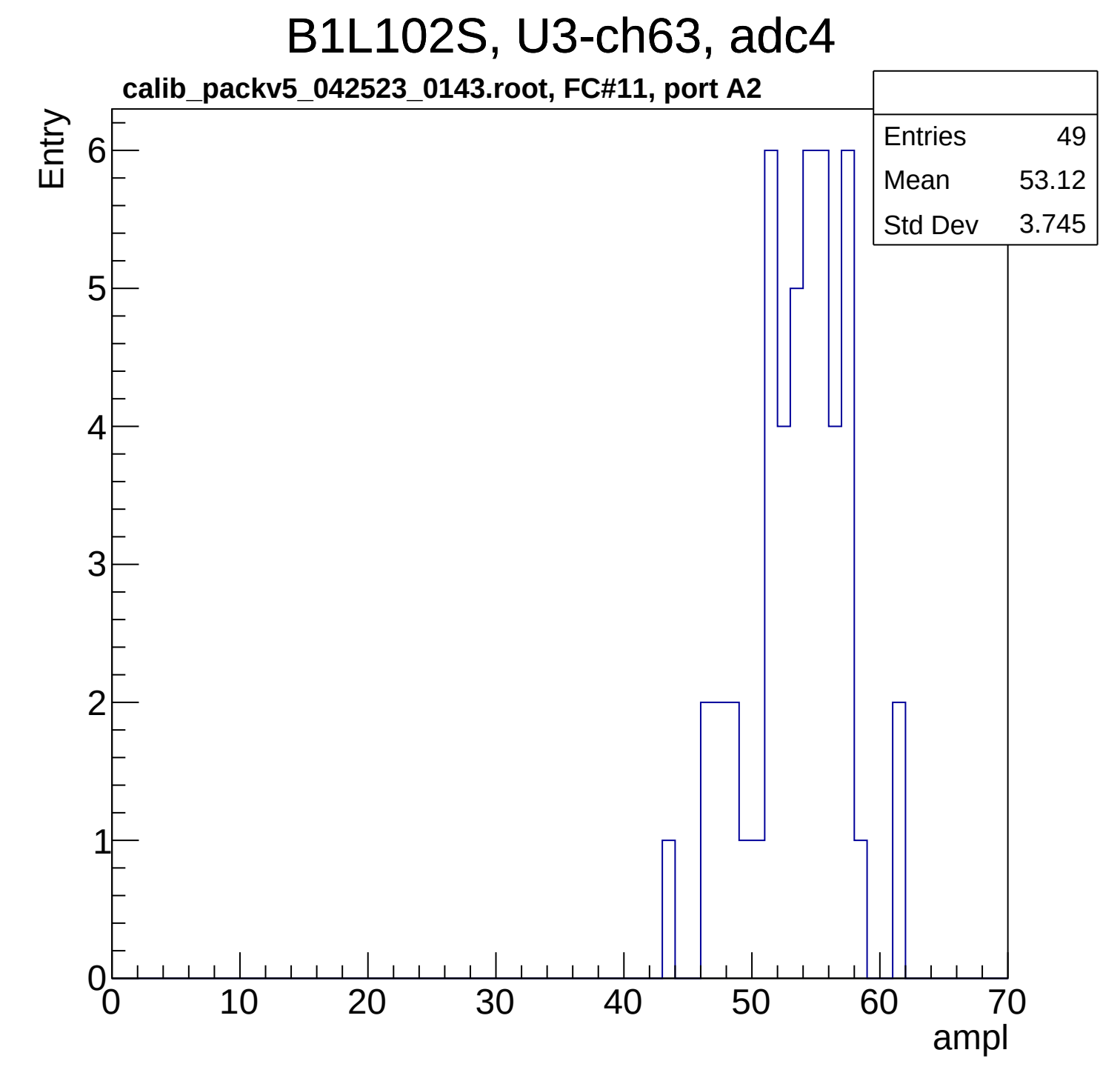
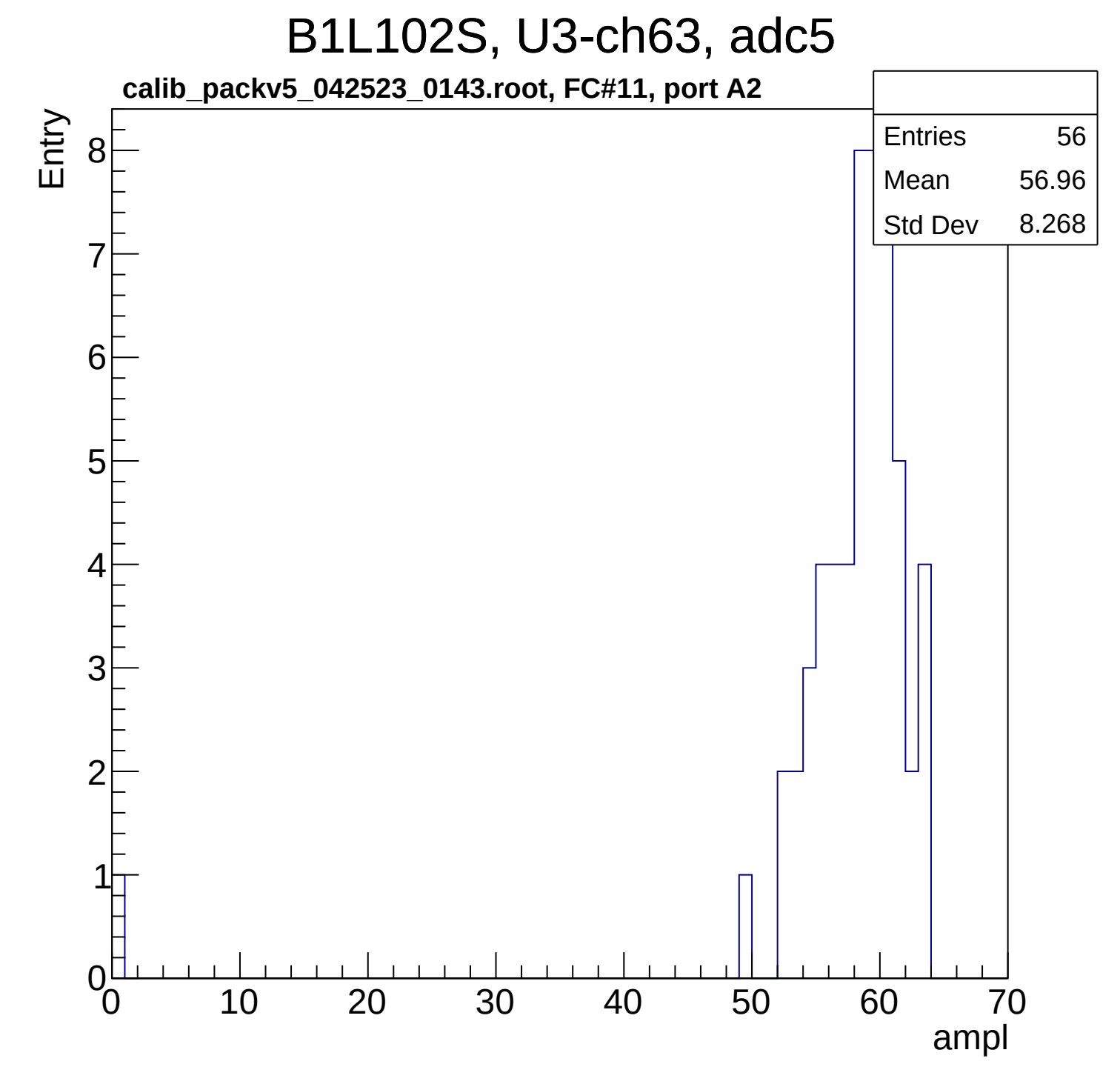

B1L102S, U3-ch63, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 53.12
Std Dev 3.745
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch63, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 56.96
Std Dev 8.268
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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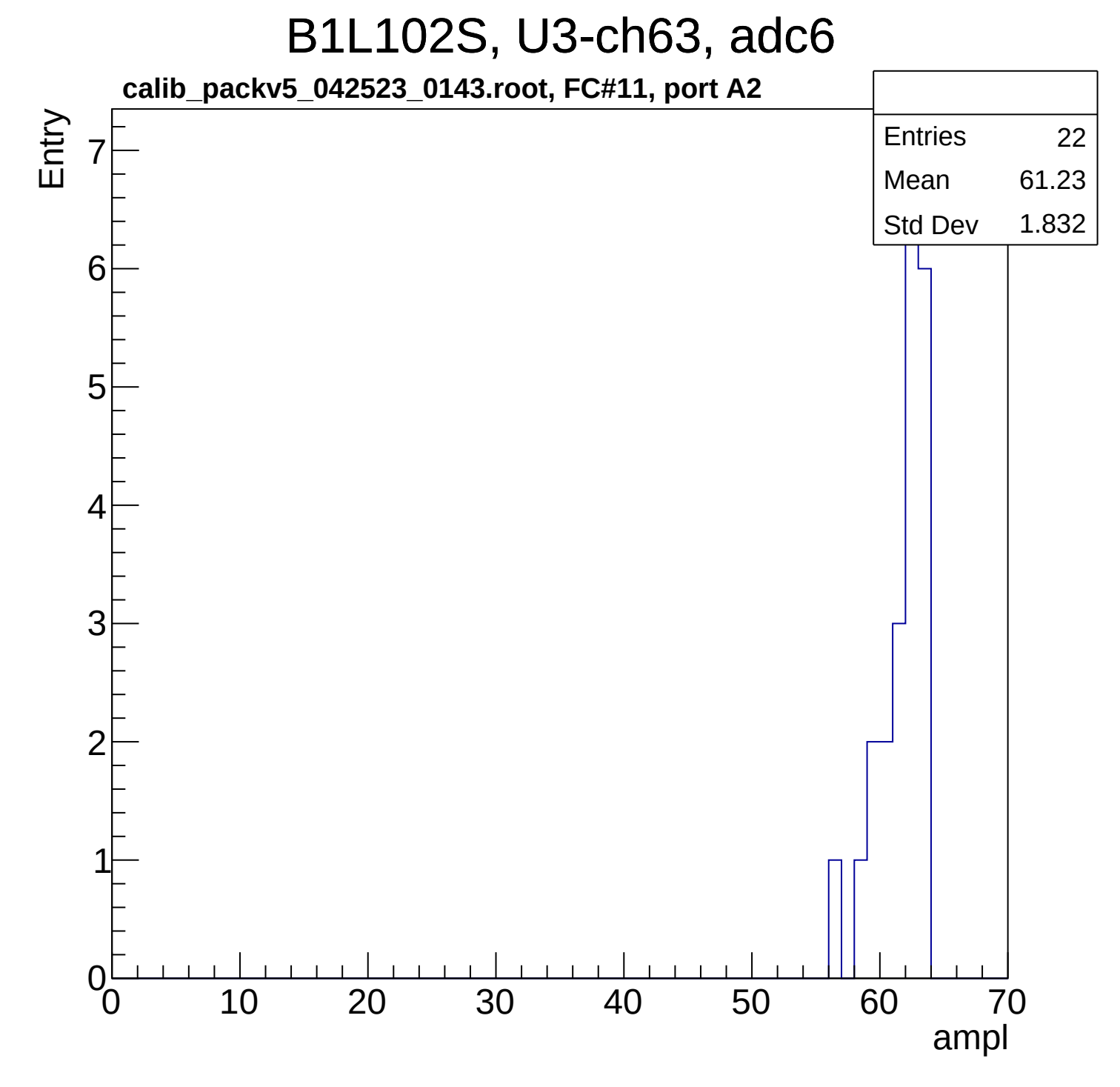
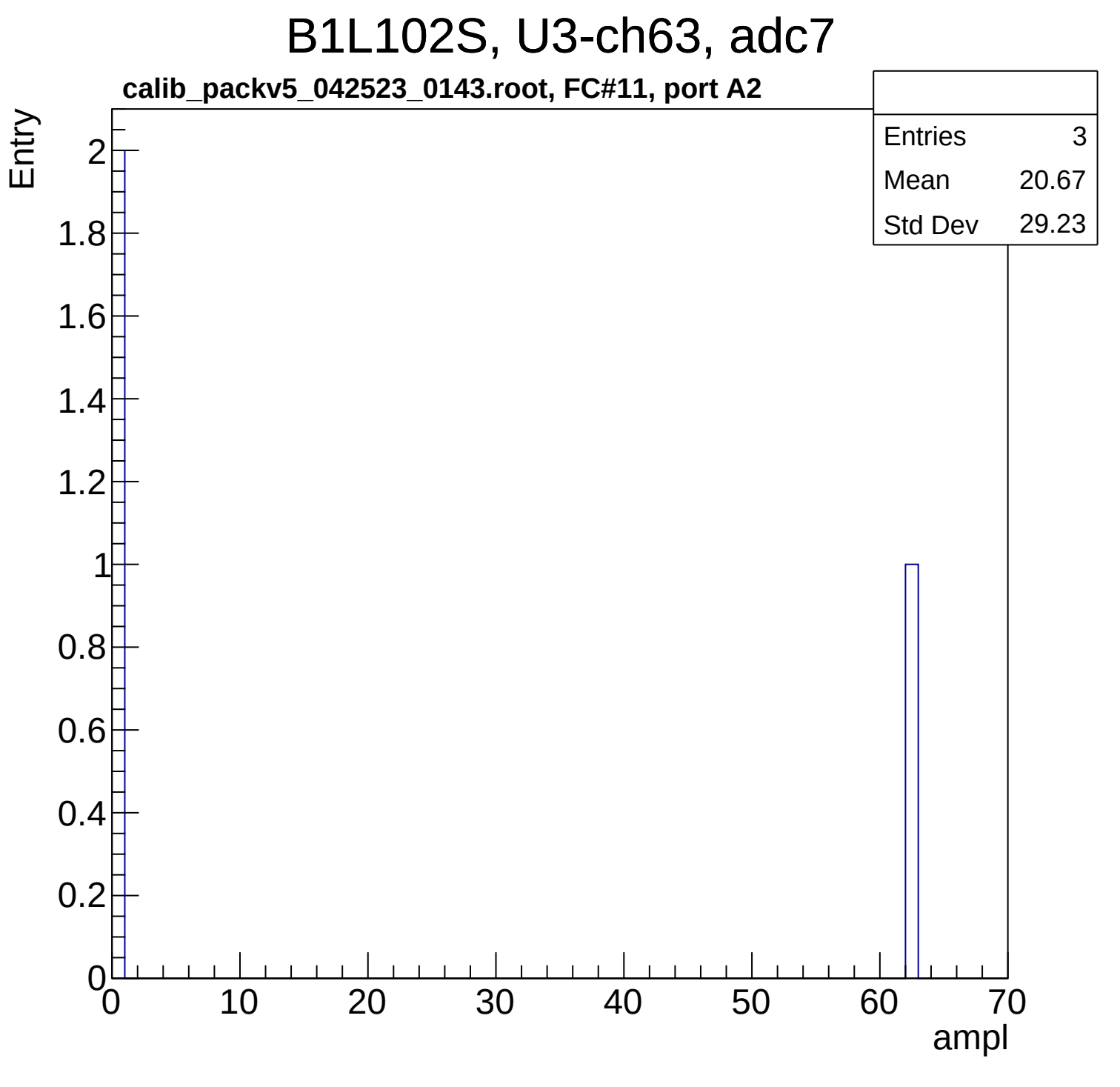
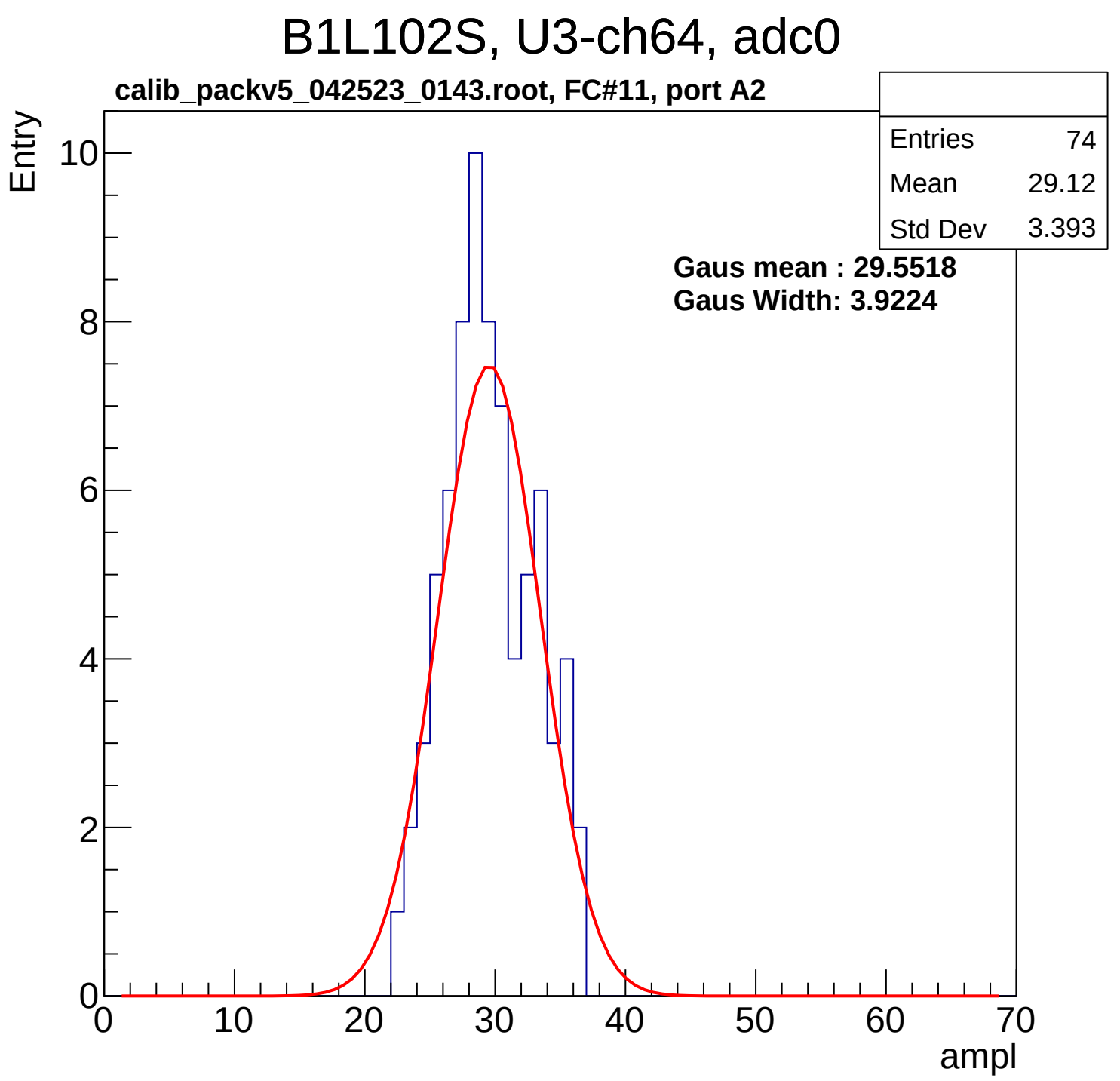
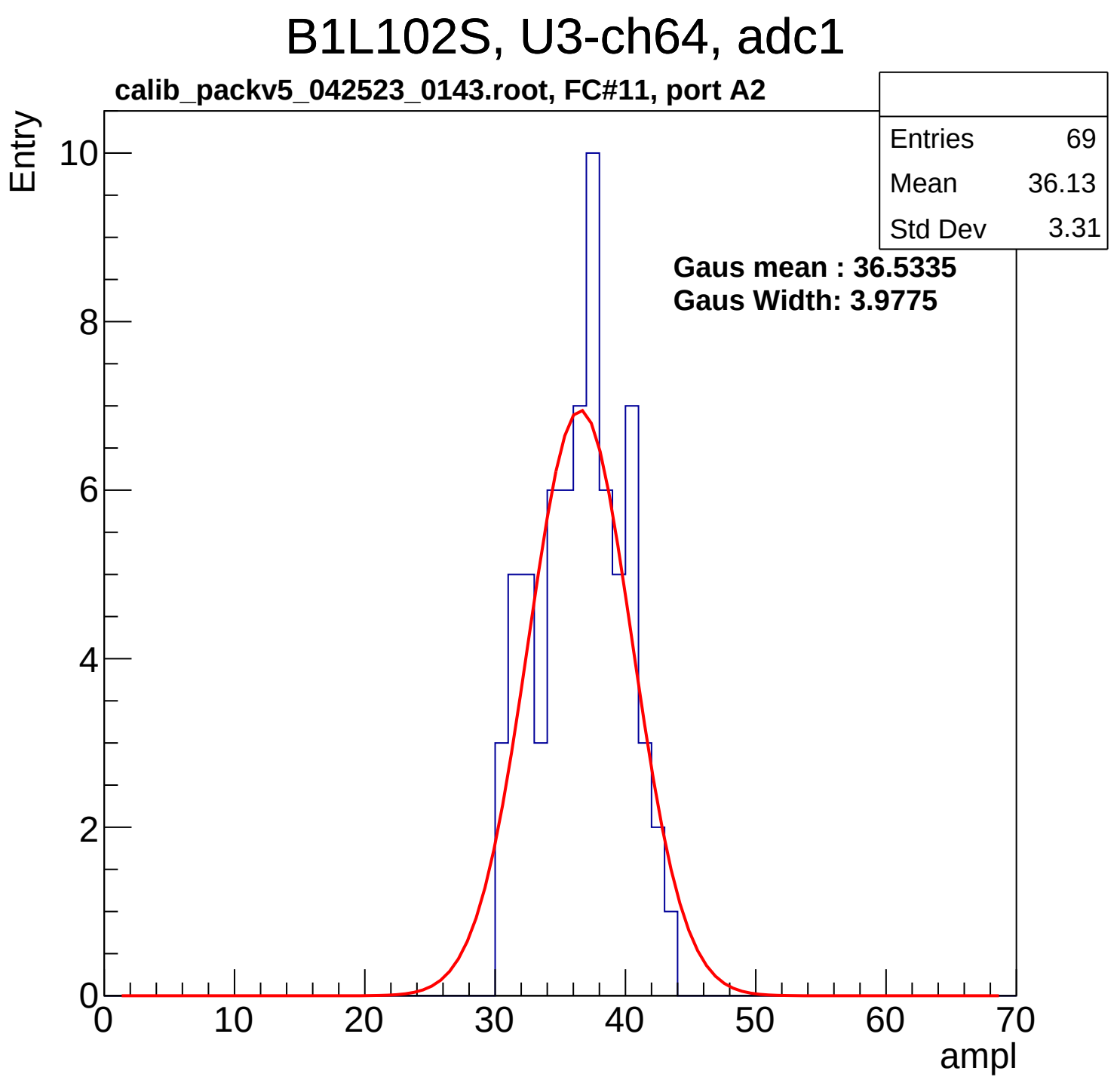
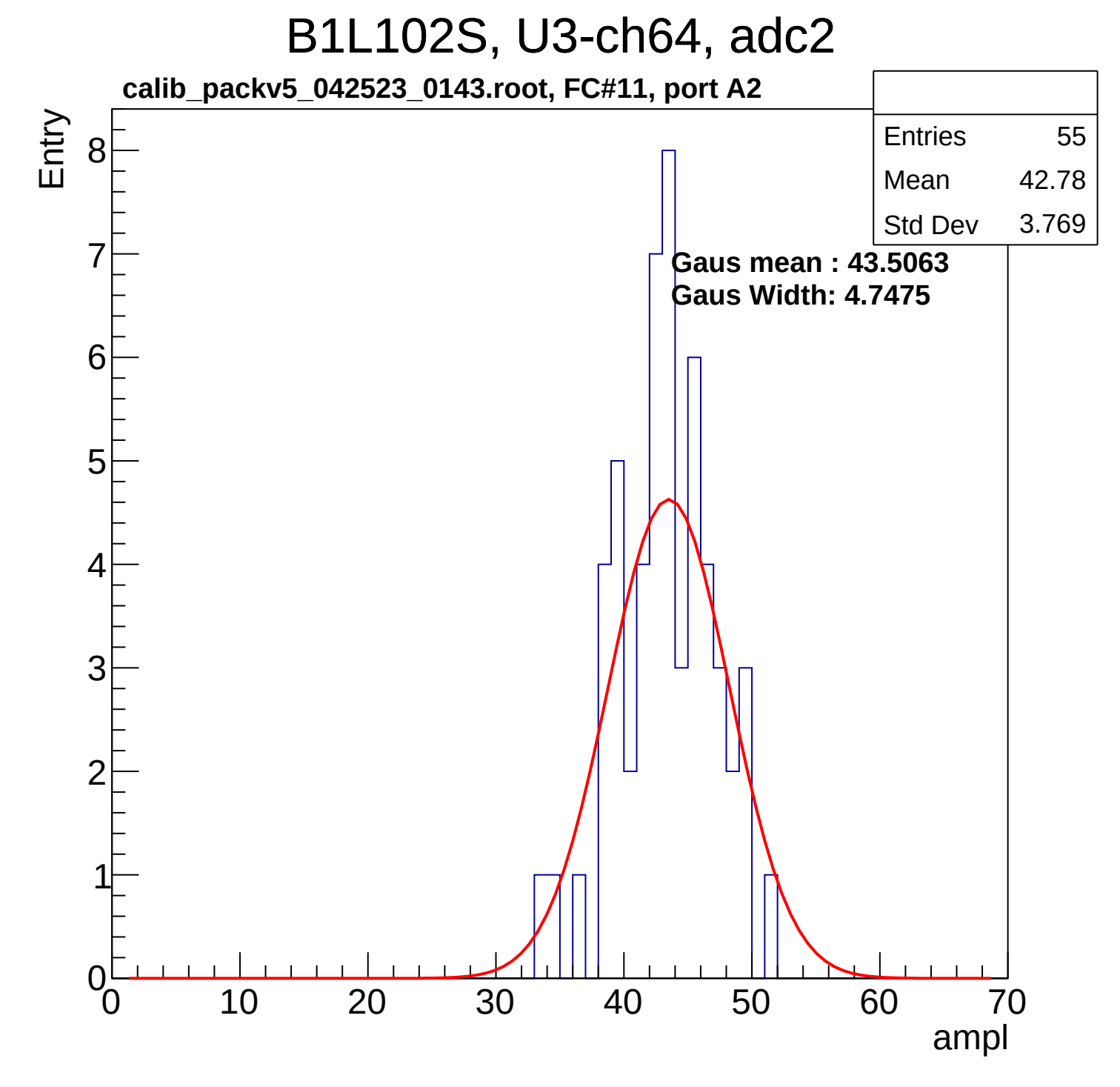
40
50
60
70


B1L102S, U3-ch63, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 22
Mean 61.23
Std Dev 1.832
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch63, 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
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch64, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 29.12
Std Dev 3.393
Gaus mean : 29.5518
Gaus Width: 3.9224
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch64, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 36.13
Std Dev 3.31
Gaus mean : 36.5335
Gaus Width: 3.9775
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch64, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 42.78
Std Dev 3.769
Gaus mean : 43.5063
Gaus Width: 4.7475
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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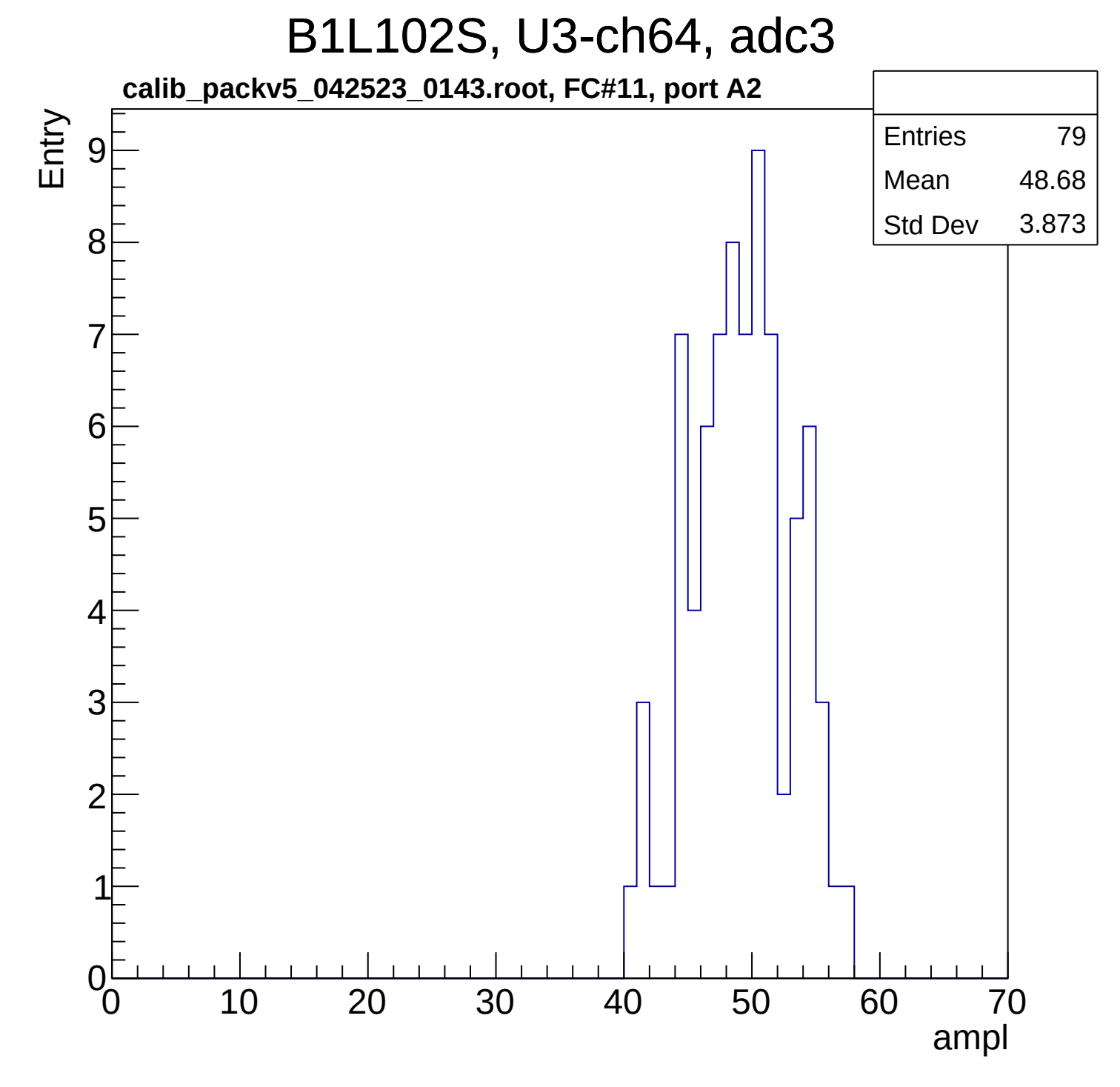
60
70


B1L102S, U3-ch64, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 48.68
Std Dev 3.873
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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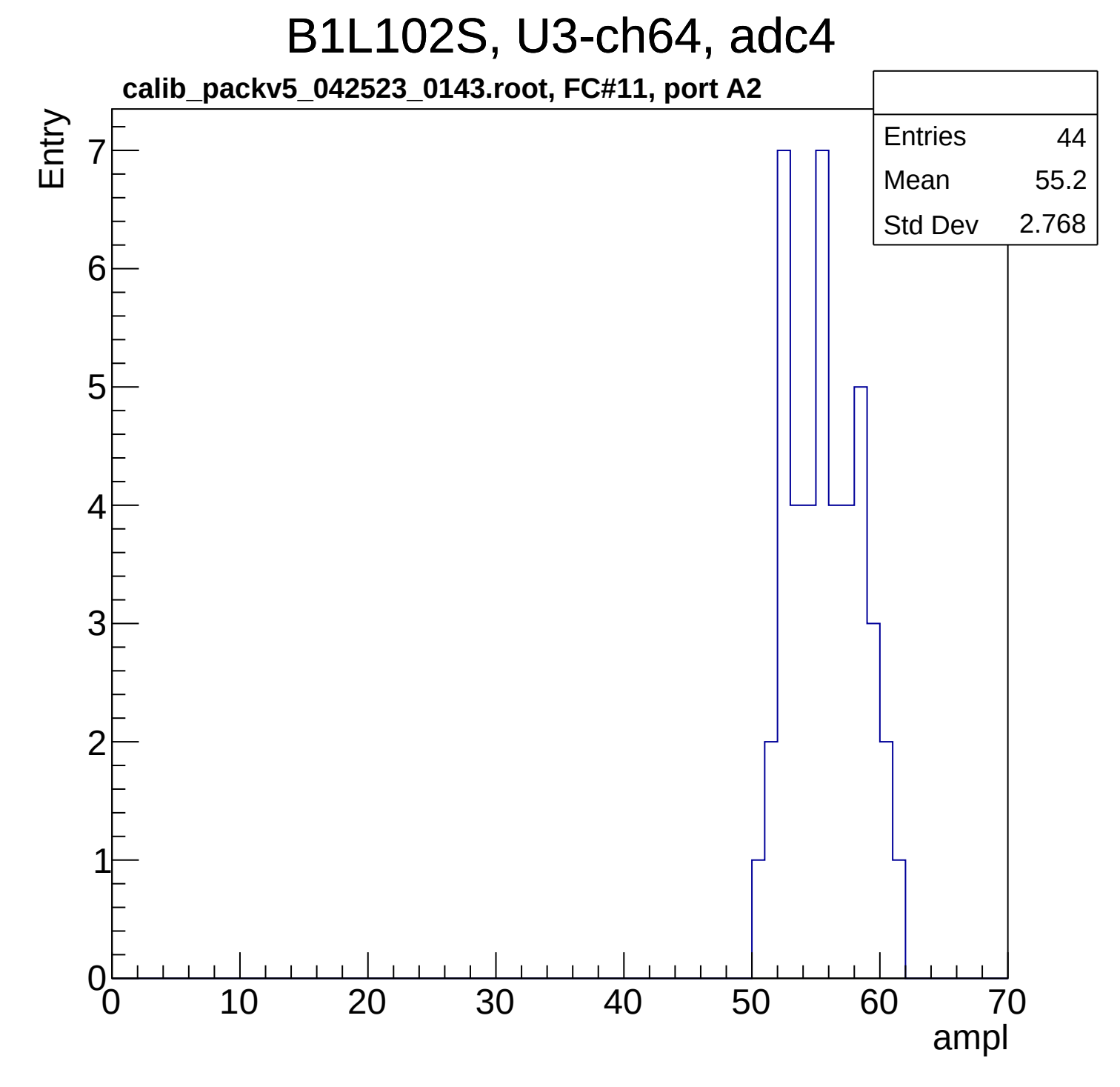
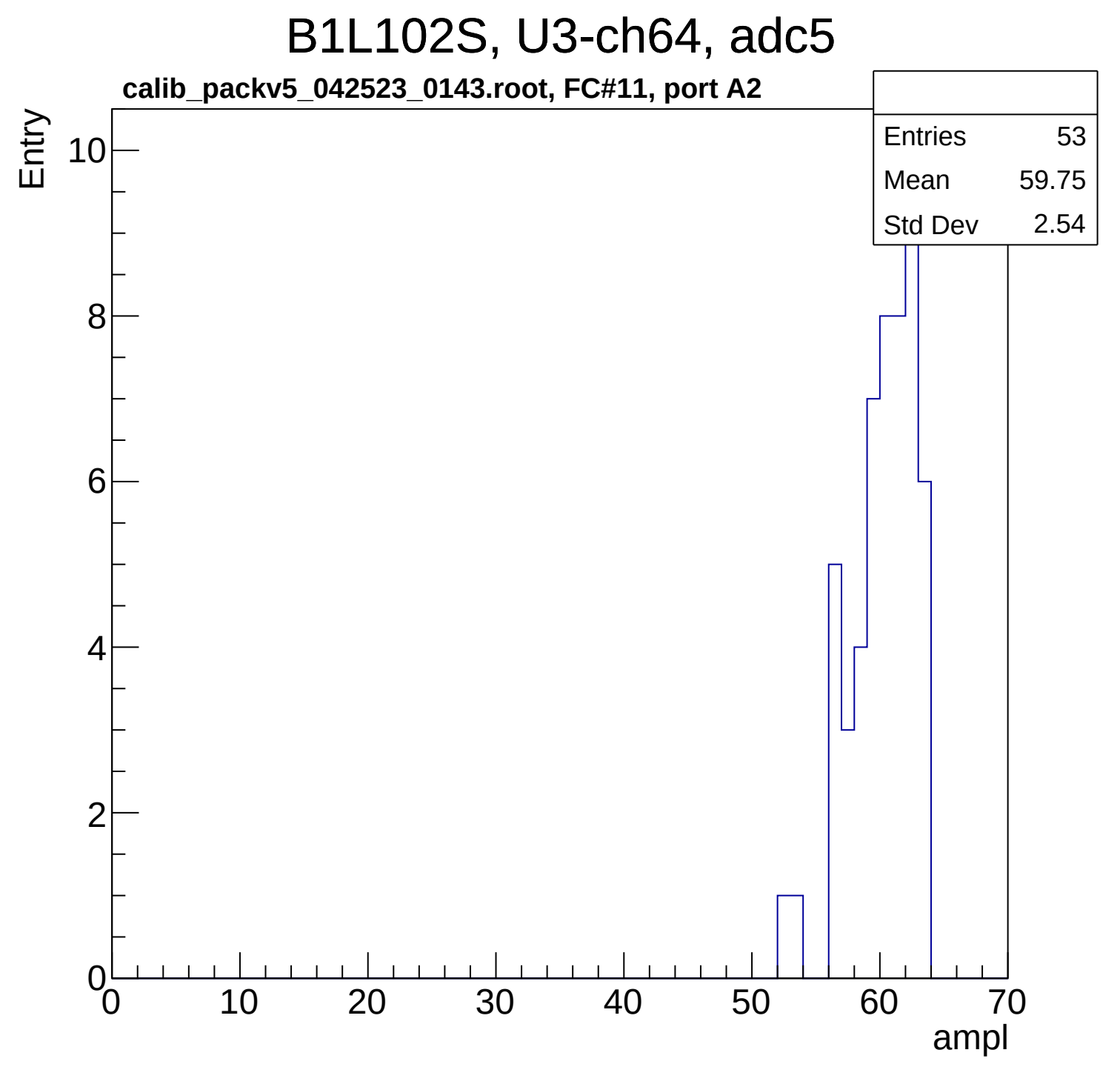
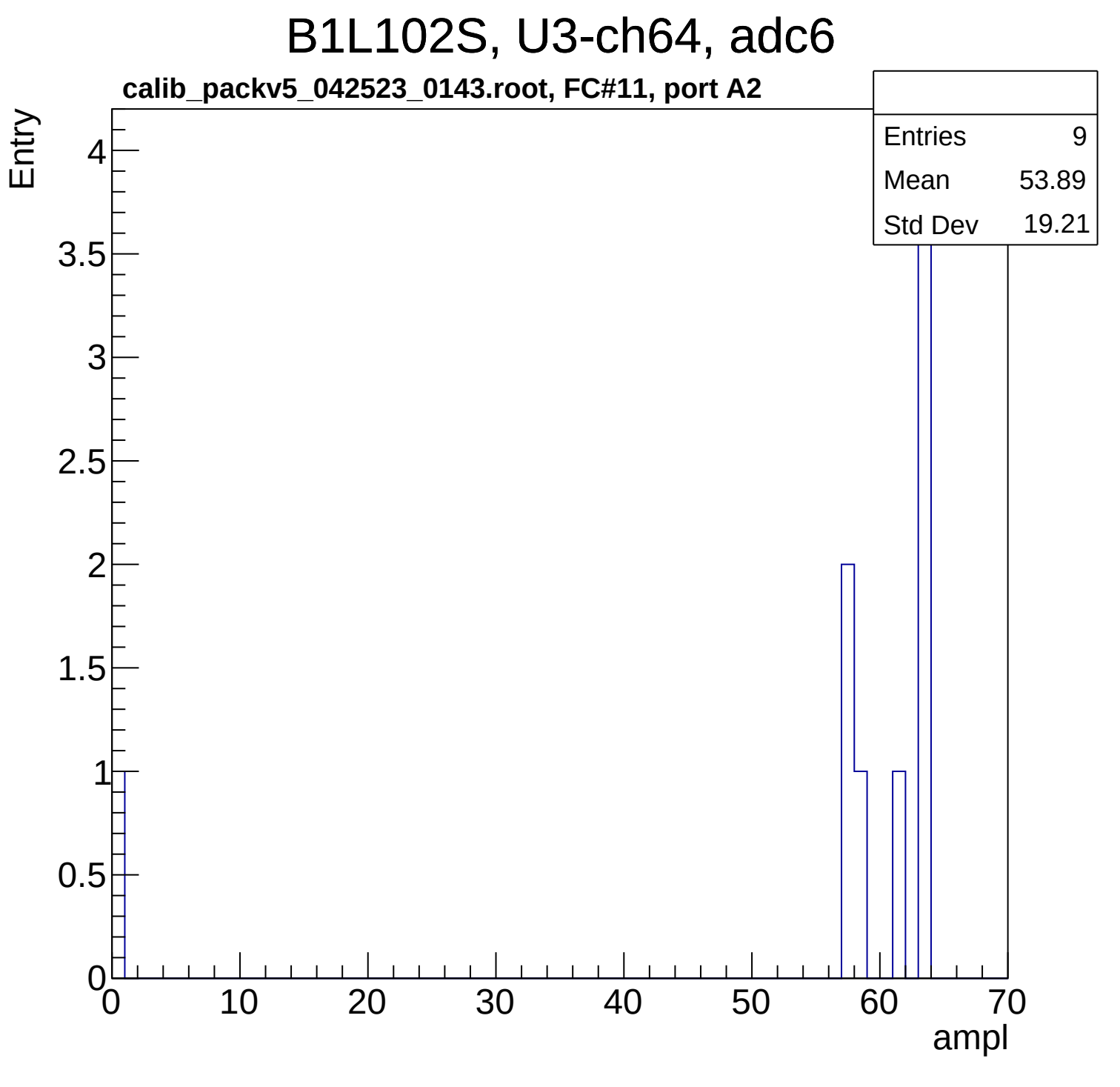

B1L102S, U3-ch64, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 55.2
Std Dev 2.768
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch64, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 59.75
Std Dev 2.54
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch64, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 53.89
Std Dev 19.21
Entry
ampl
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0.5
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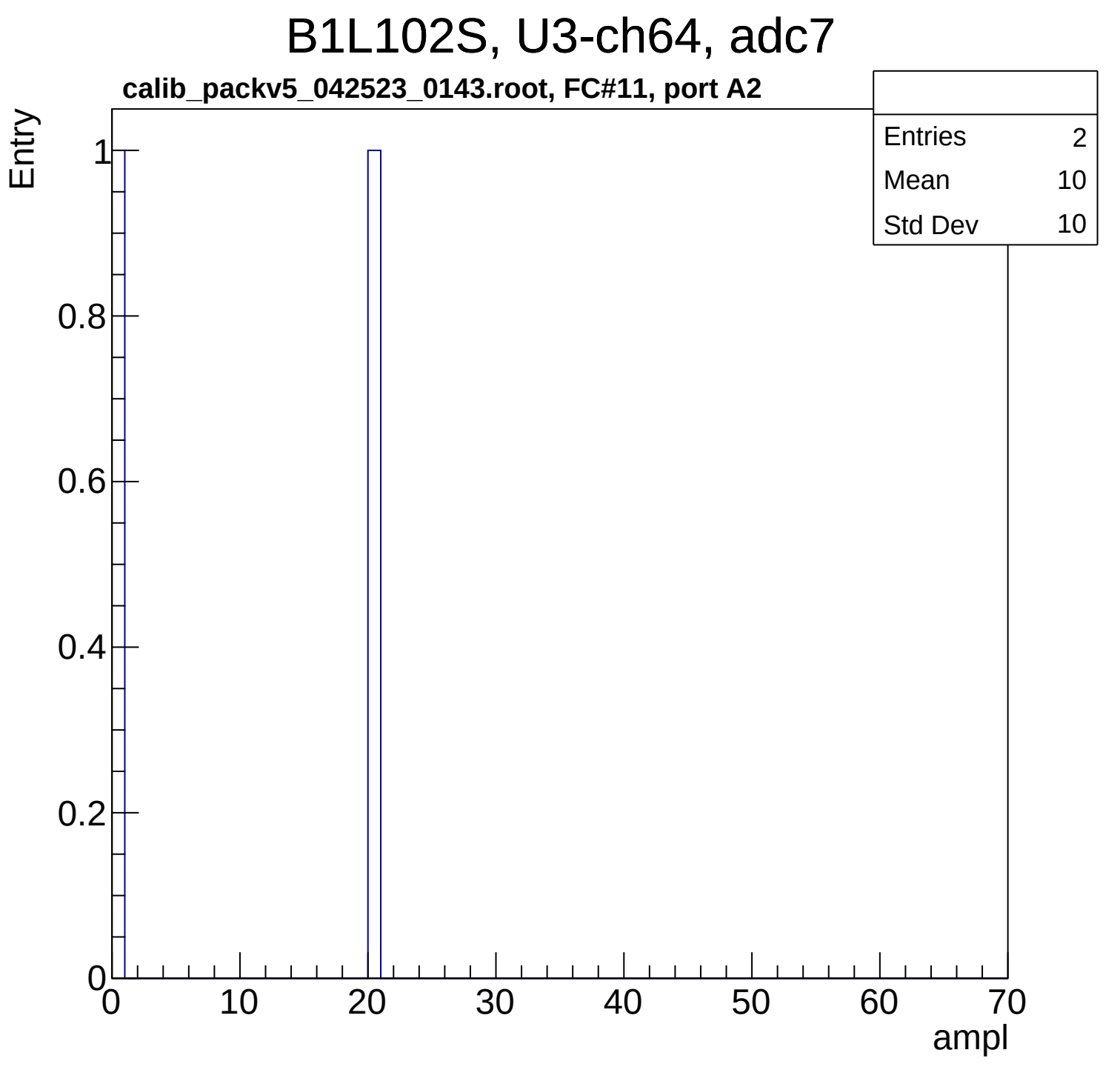
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch64, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 10
Std Dev 10
Entry
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0.6
0.4
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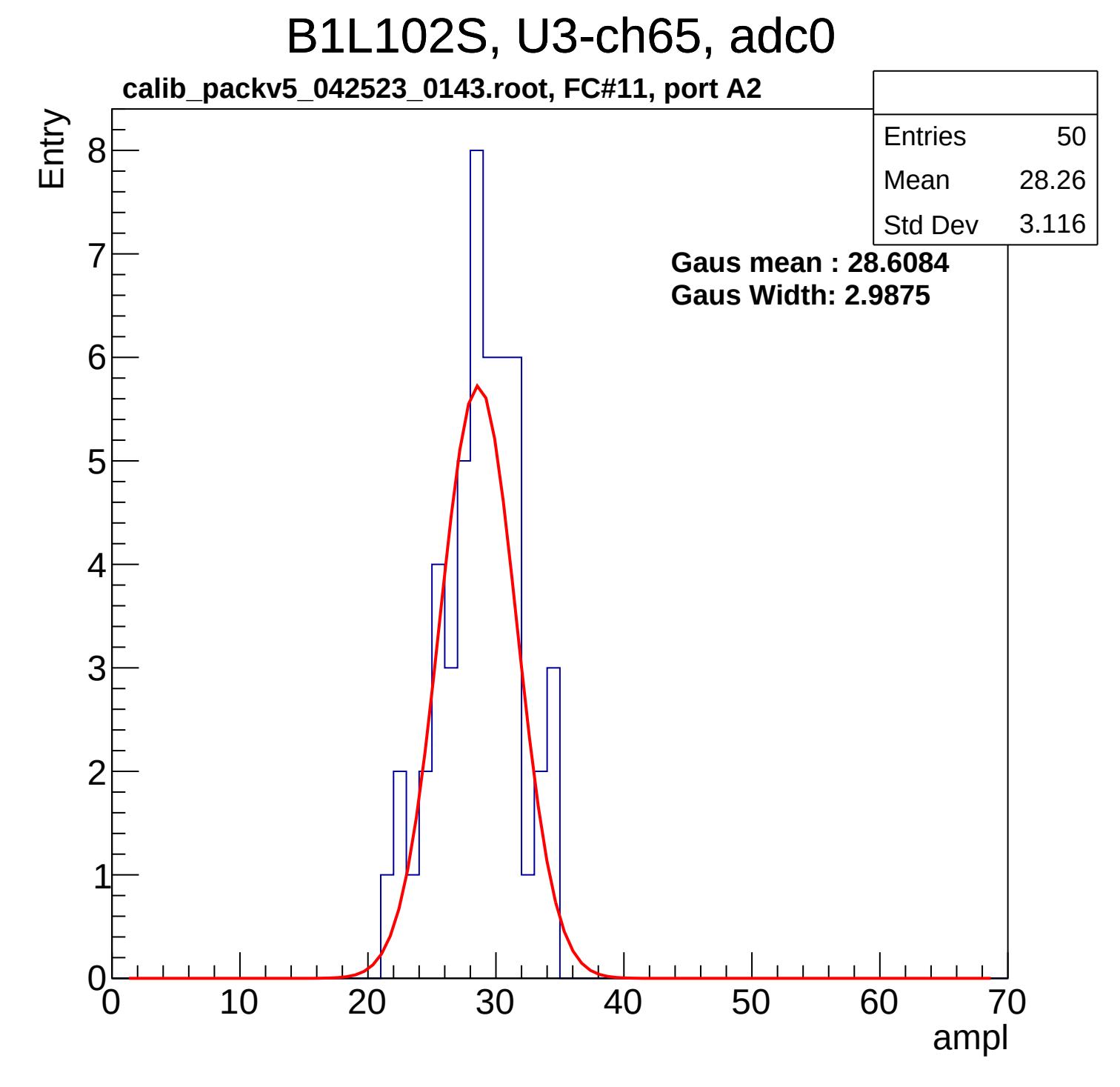
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch65, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 28.26
Std Dev 3.116
Gaus mean : 28.6084
Gaus Width: 2.9875
Entry
ampl
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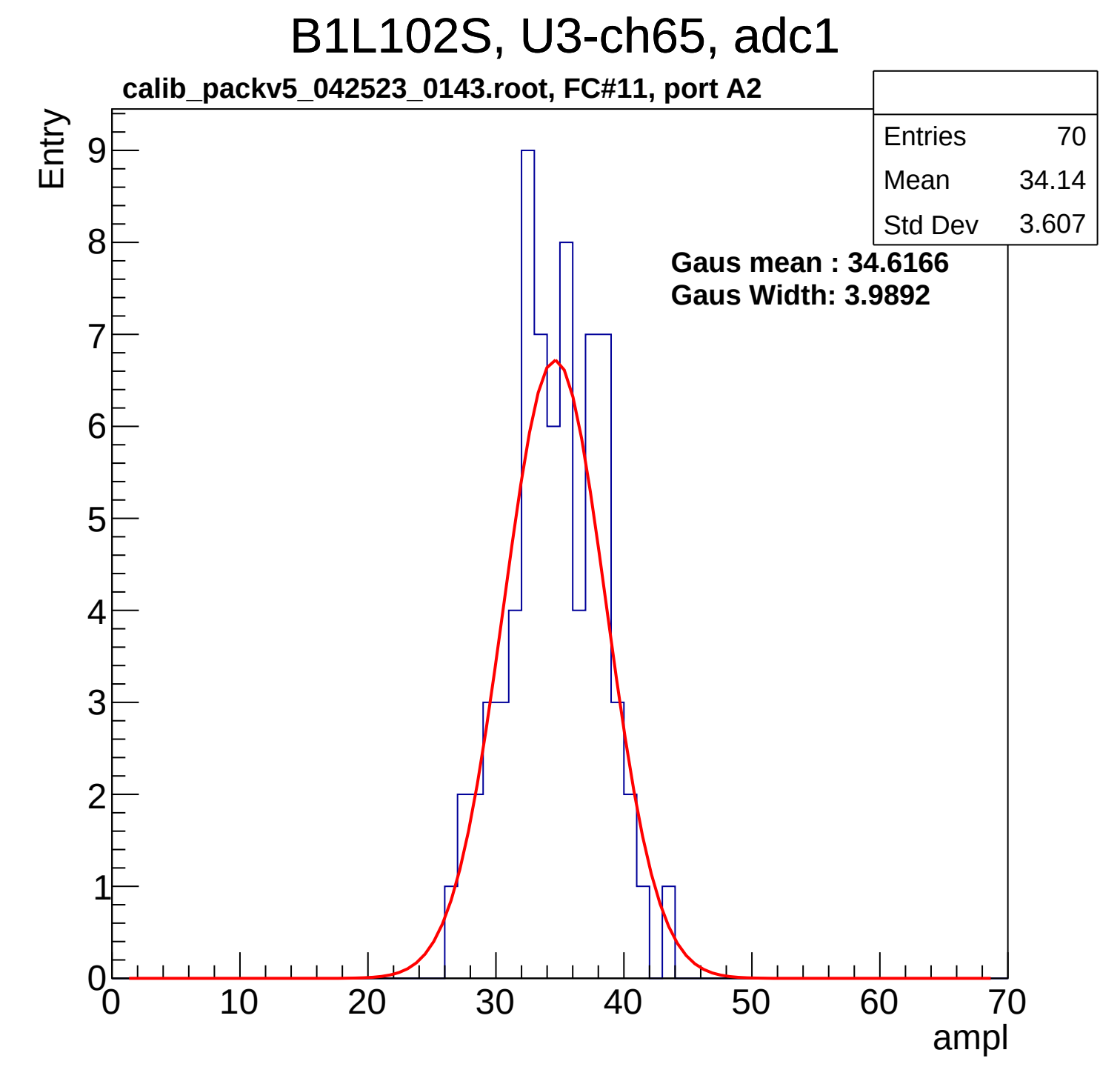
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch65, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 34.14
Std Dev 3.607
Gaus mean : 34.6166
Gaus Width: 3.9892
Entry
ampl
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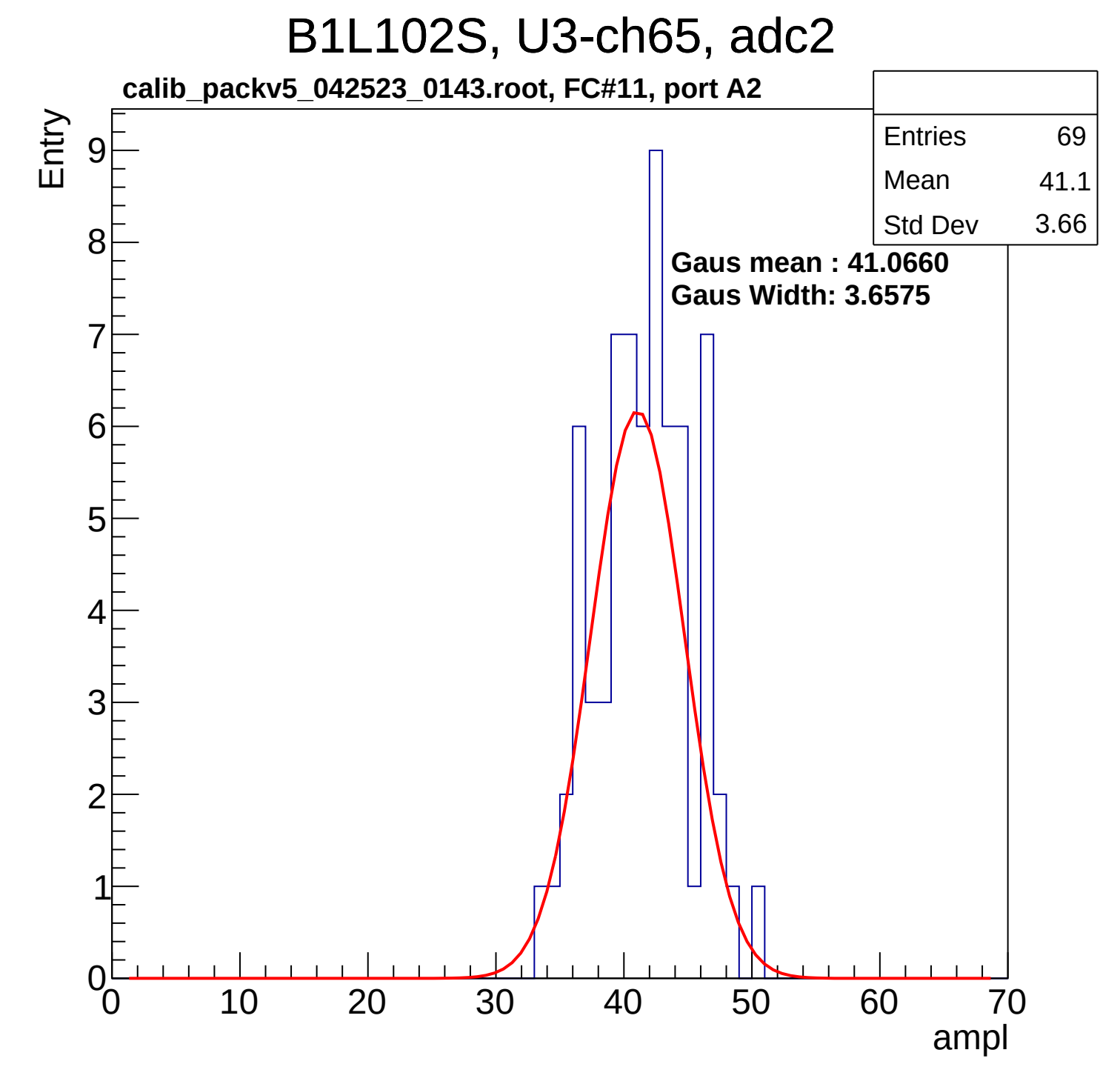
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch65, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 41.1
Std Dev 3.66
Gaus mean : 41.0660
Gaus Width: 3.6575
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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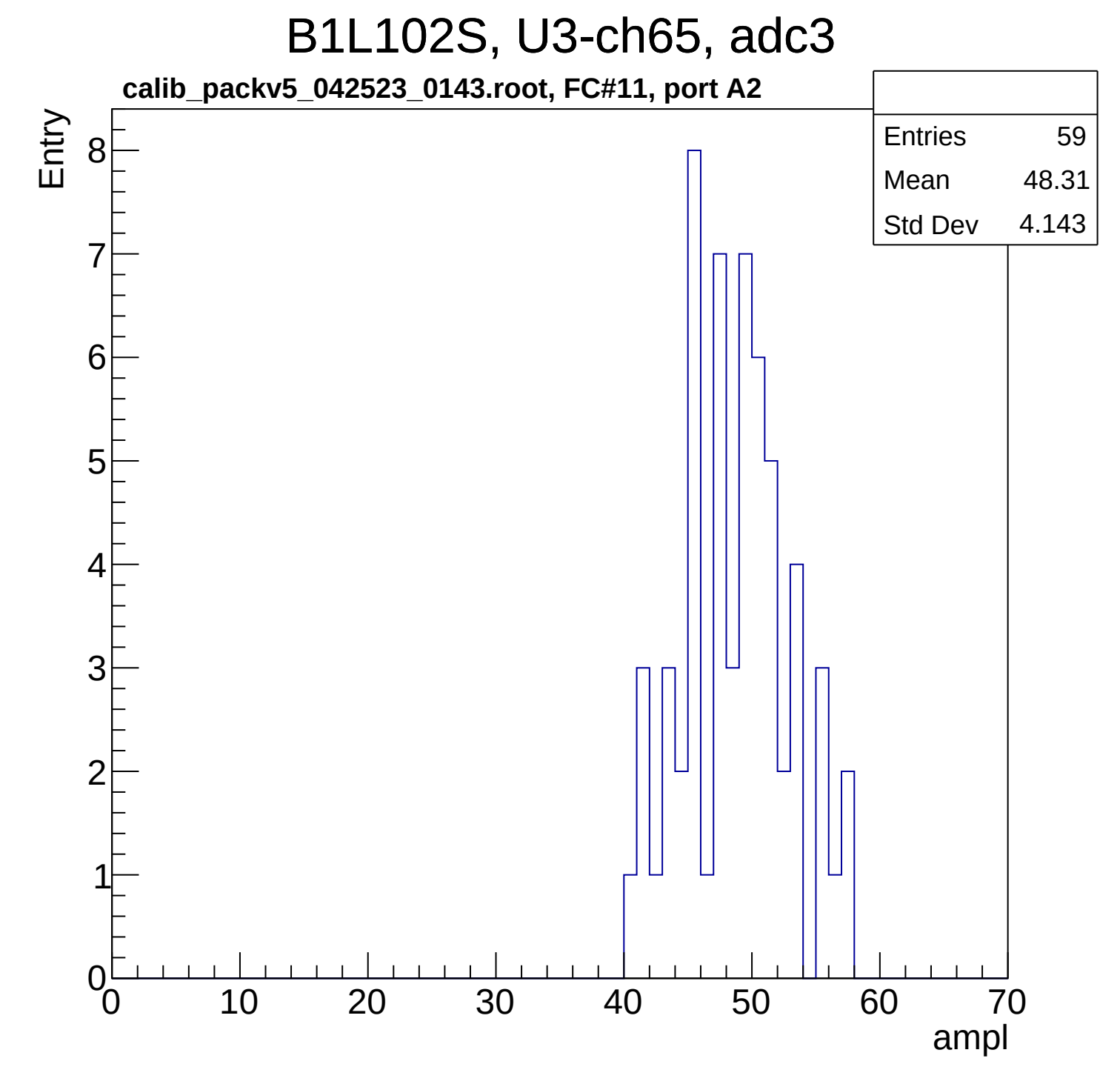
B1L102S, U3-ch65, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 48.31
Std Dev 4.143
Entry
ampl
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1
2
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4
5
6
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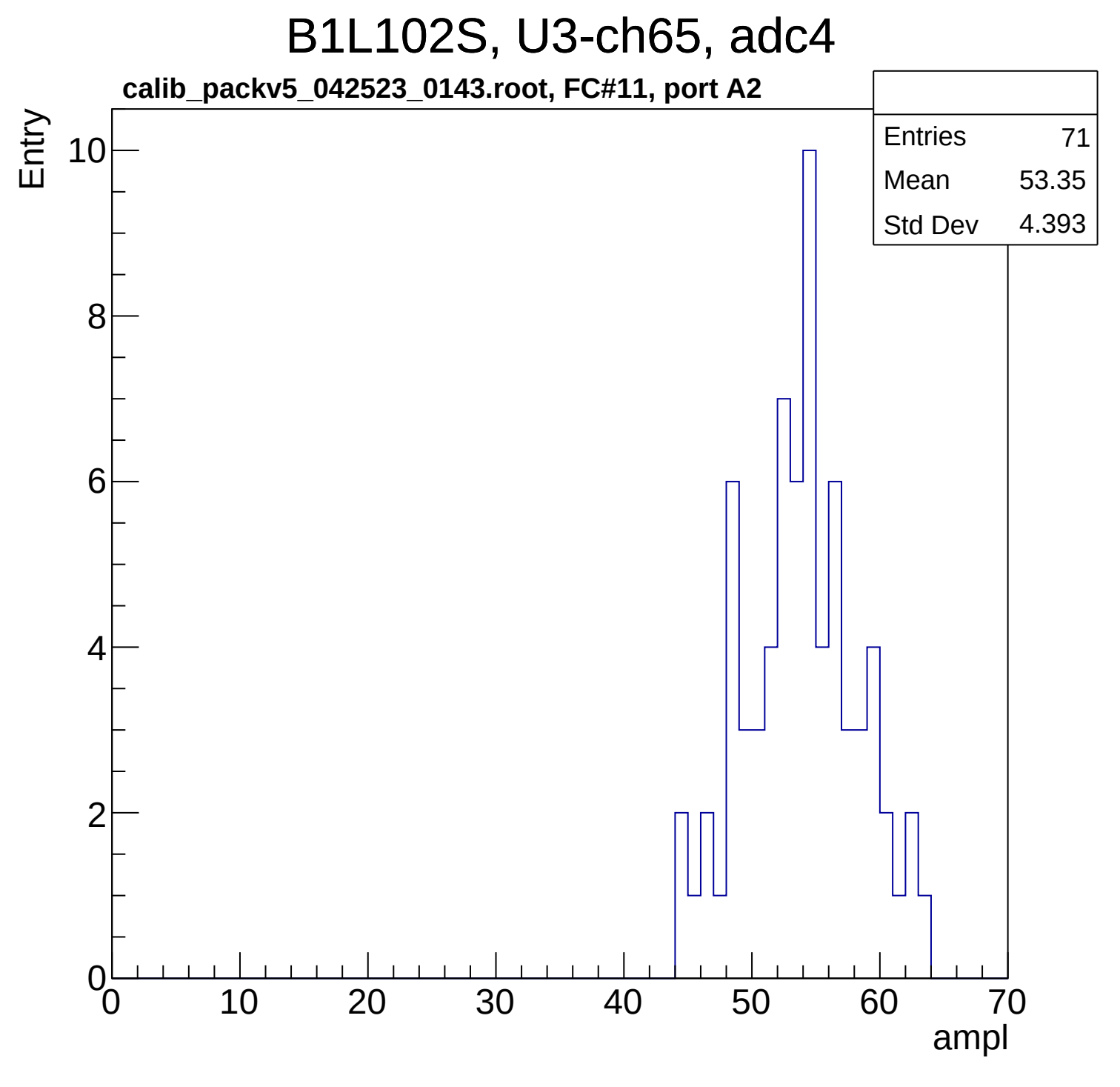
B1L102S, U3-ch65, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 53.35
Std Dev 4.393
Entry
ampl
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4
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10
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50
60
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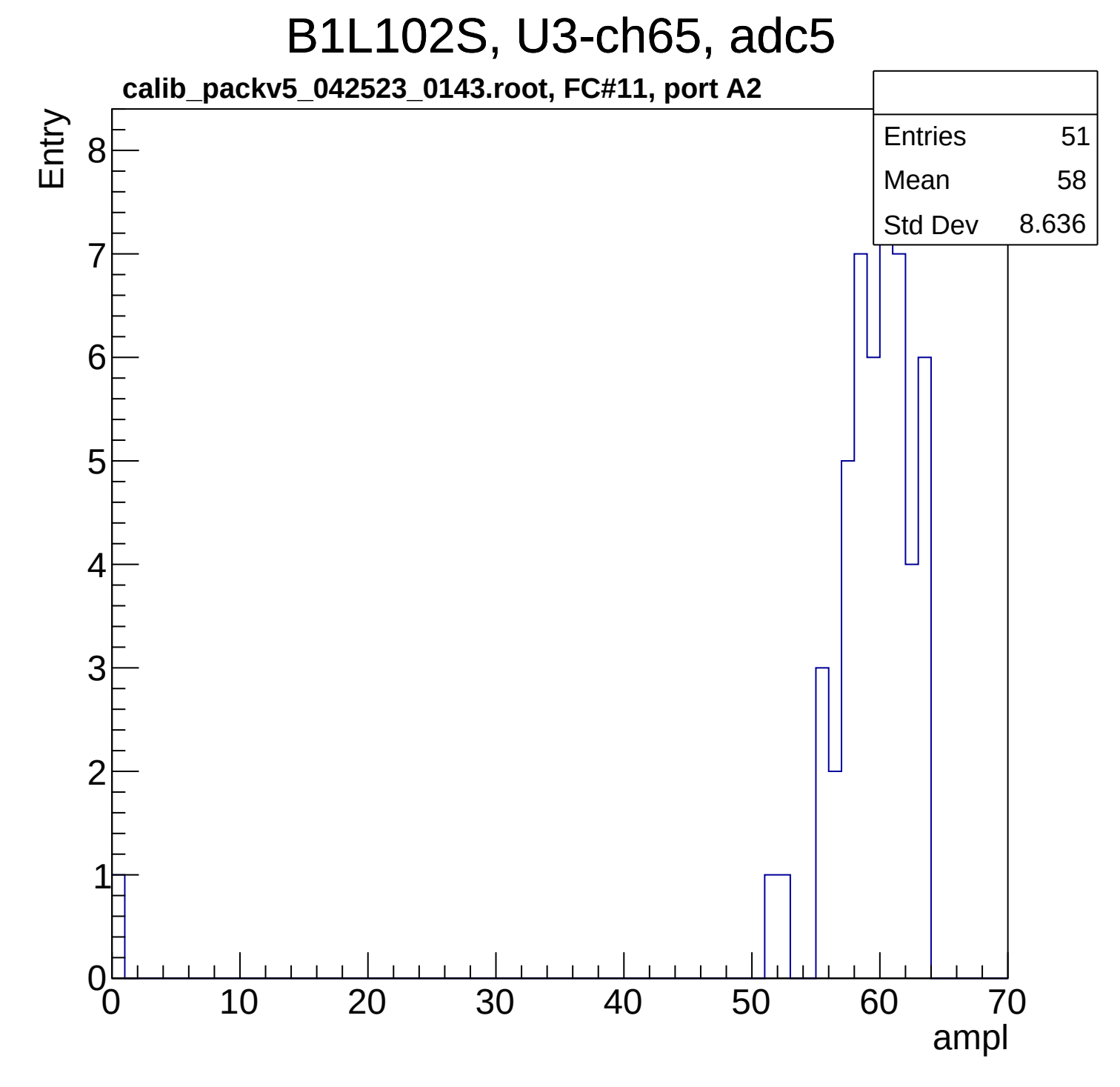
B1L102S, U3-ch65, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 58
Std Dev 8.636
Entry
ampl
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3
4
5
6
7
8
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20
30
40
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60
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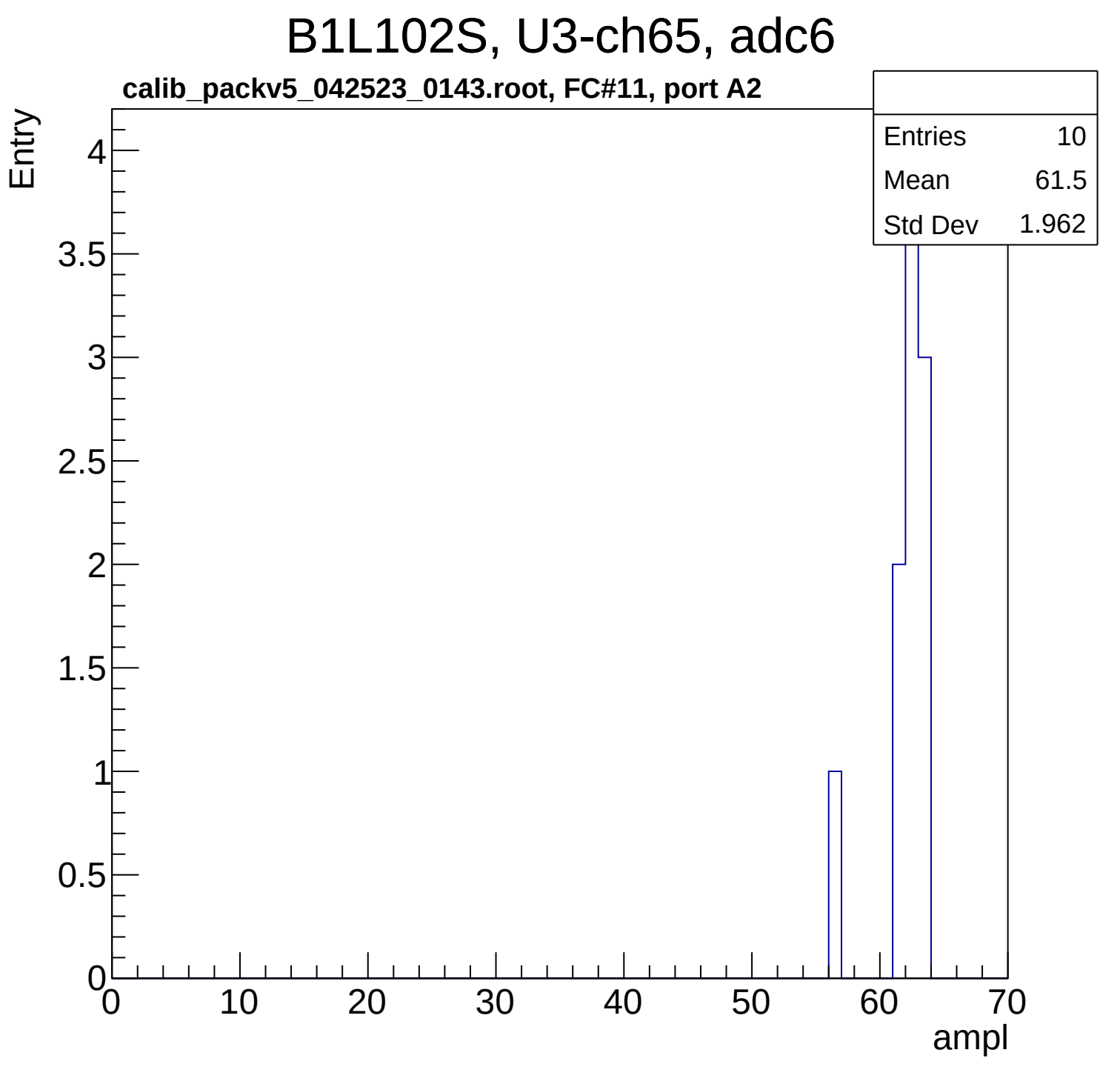
B1L102S, U3-ch65, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 61.5
Std Dev 1.962
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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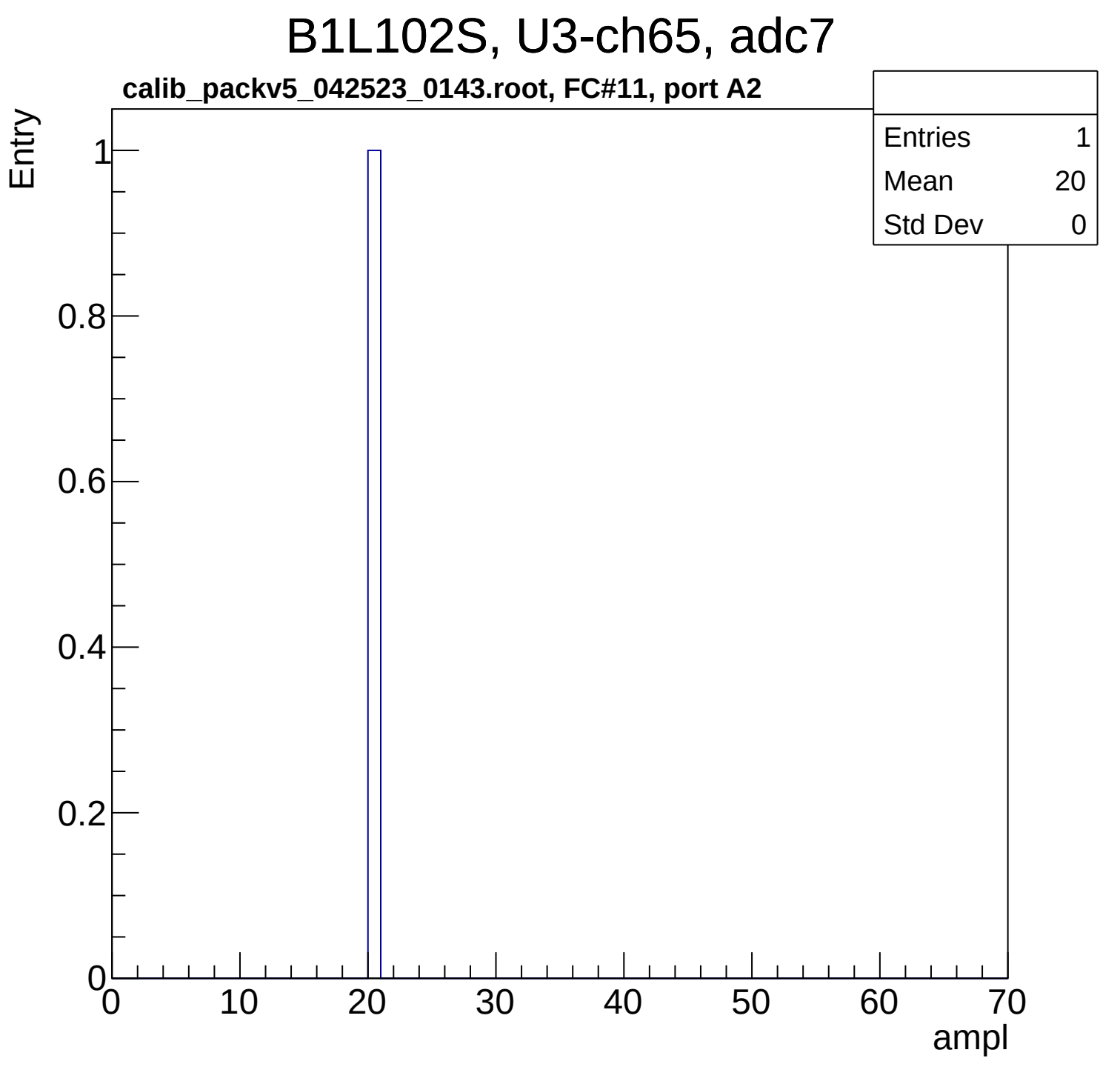
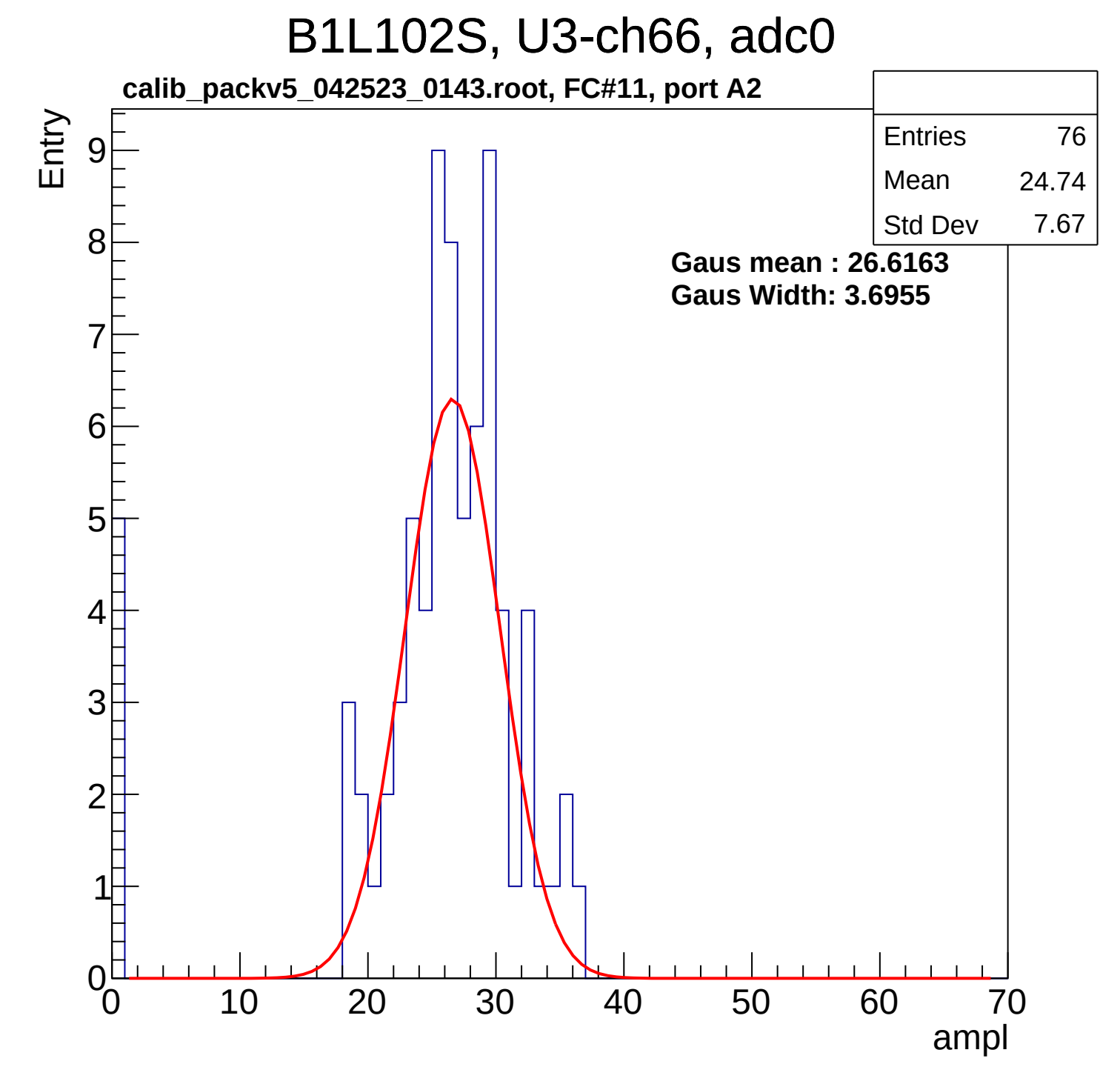
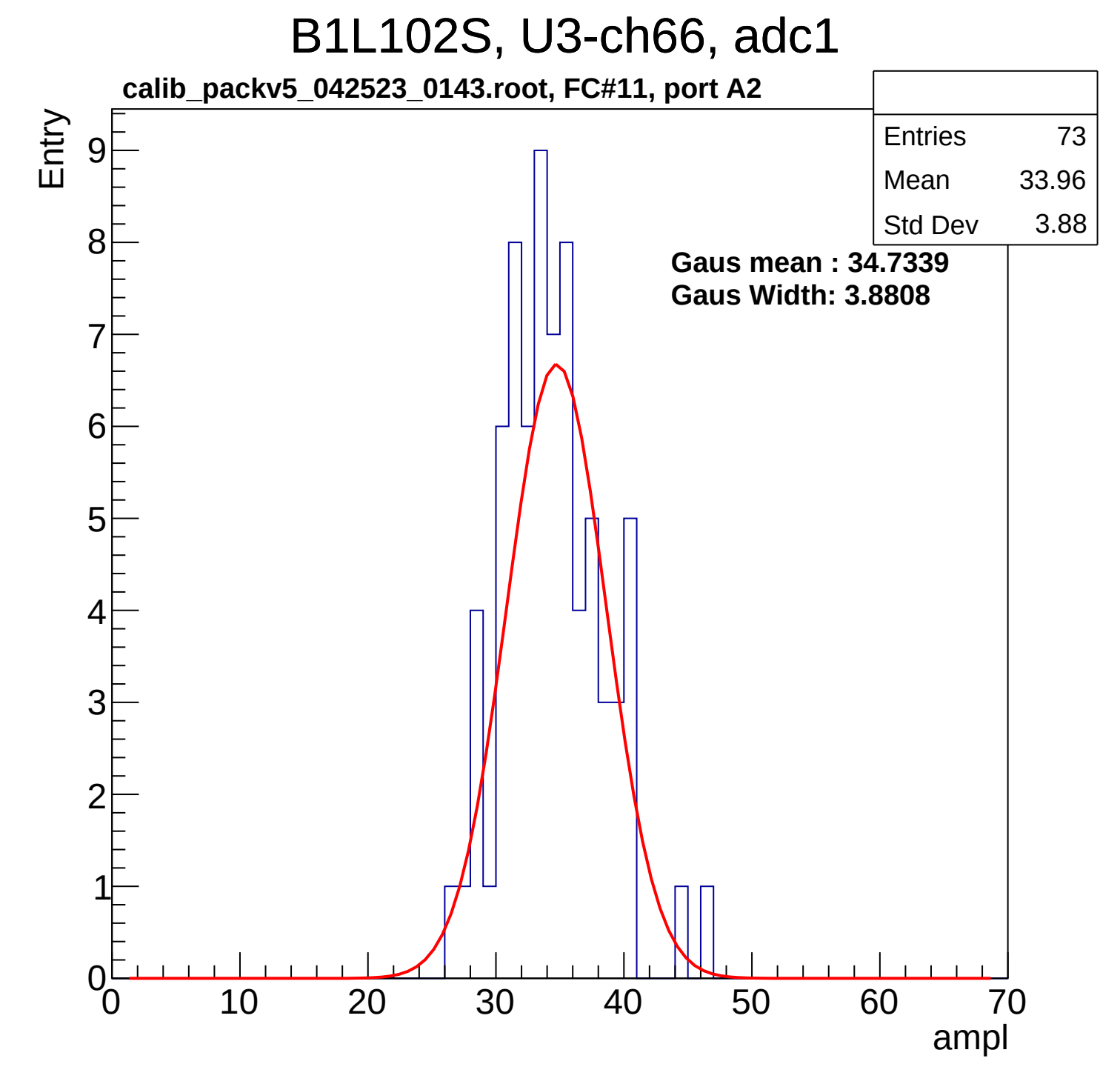

B1L102S, U3-ch65, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch66, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 24.74
Std Dev 7.67
Gaus mean : 26.6163
Gaus Width: 3.6955
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch66, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 33.96
Std Dev 3.88
Gaus mean : 34.7339
Gaus Width: 3.8808
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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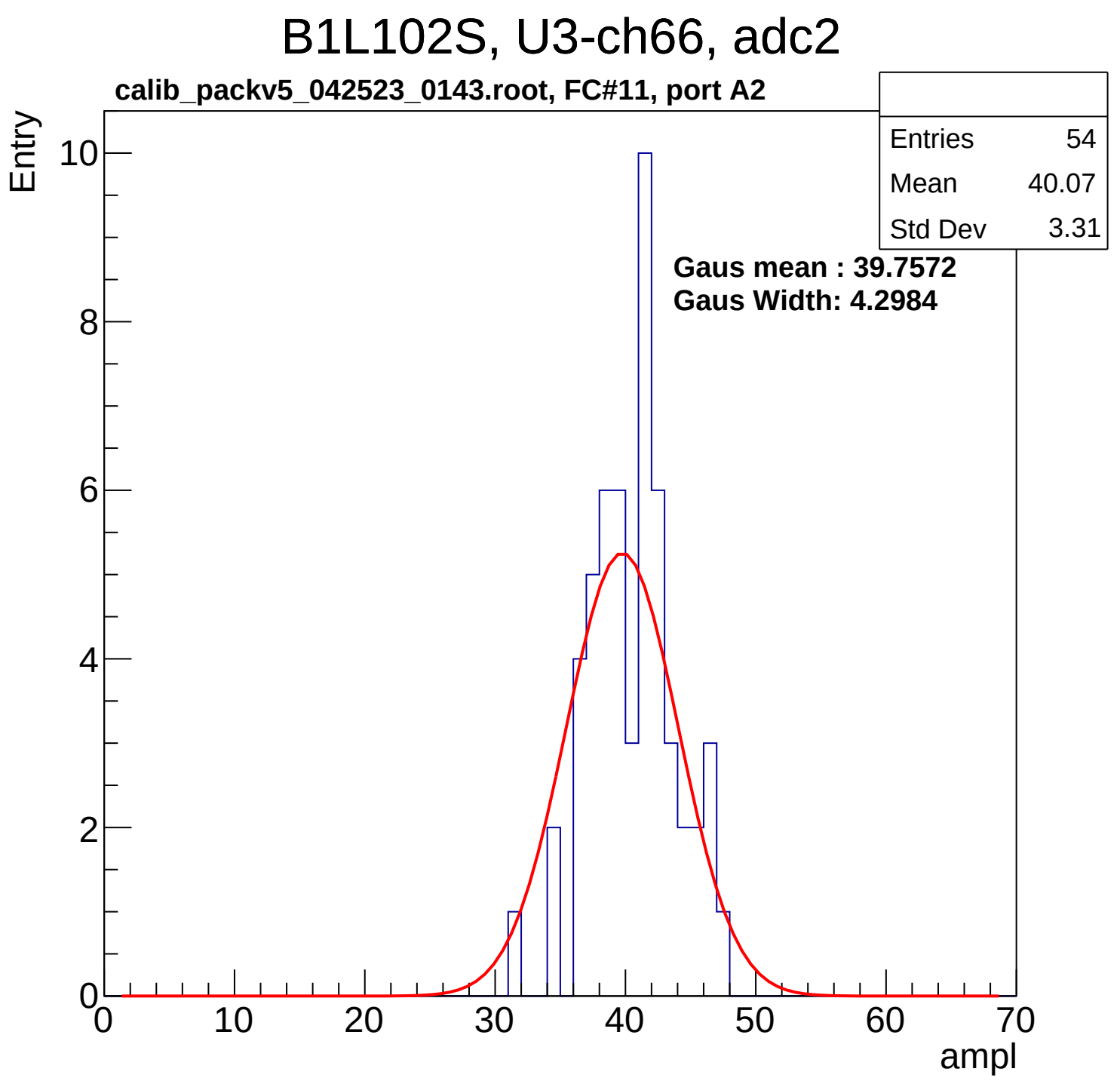
B1L102S, U3-ch66, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 40.07
Std Dev 3.31
Gaus mean : 39.7572
Gaus Width: 4.2984
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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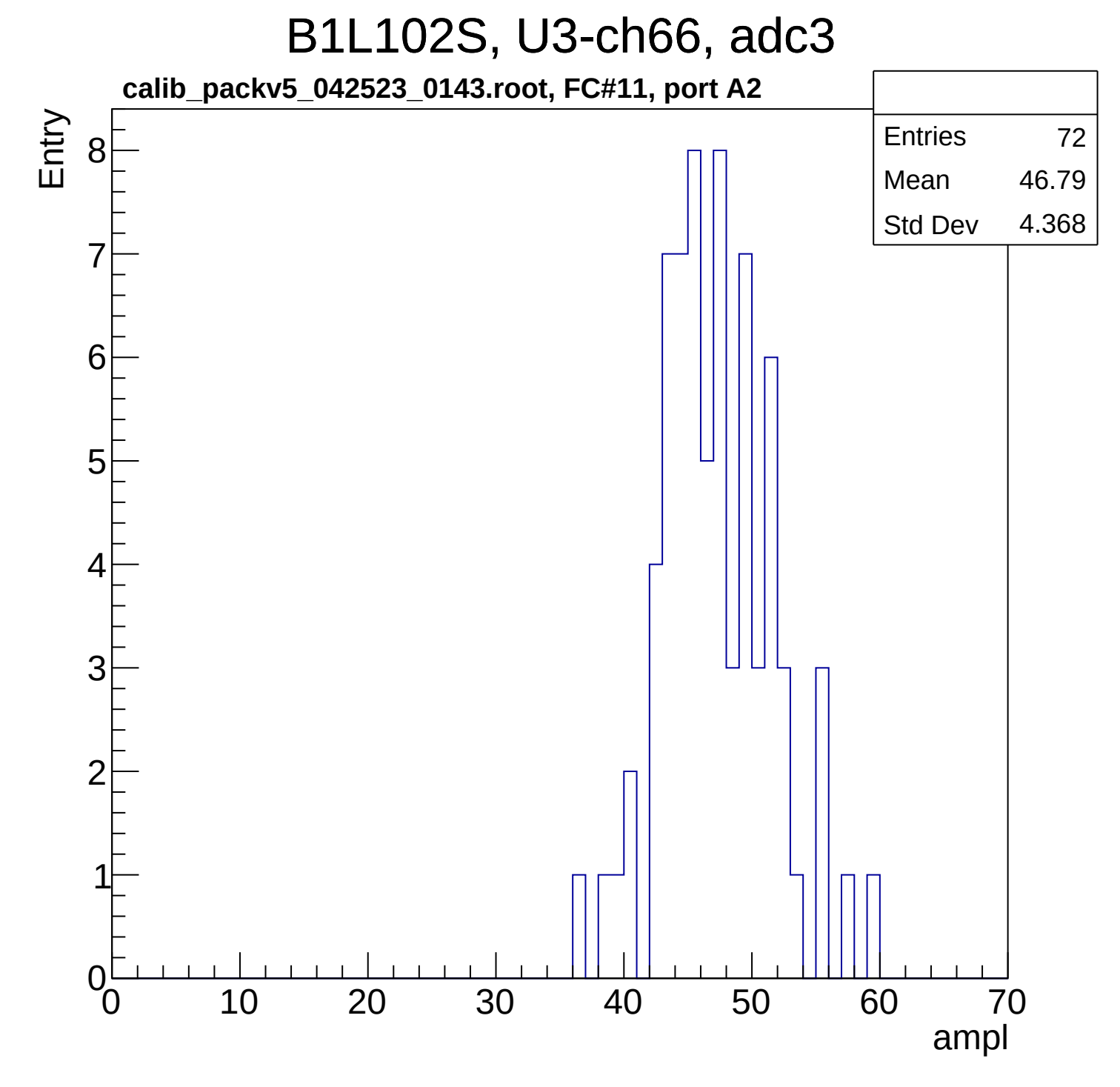
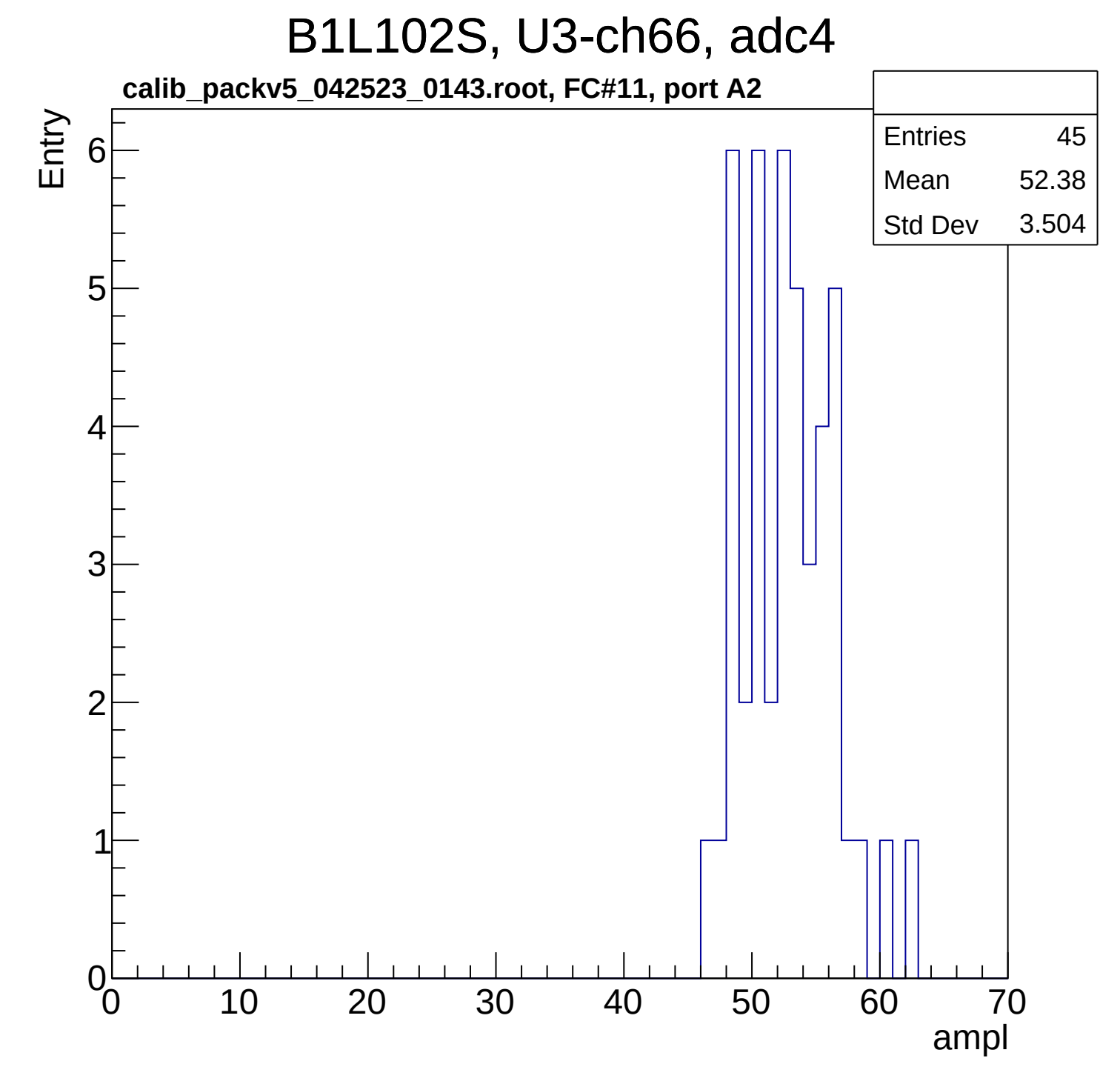

B1L102S, U3-ch66, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 46.79
Std Dev 4.368
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch66, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 52.38
Std Dev 3.504
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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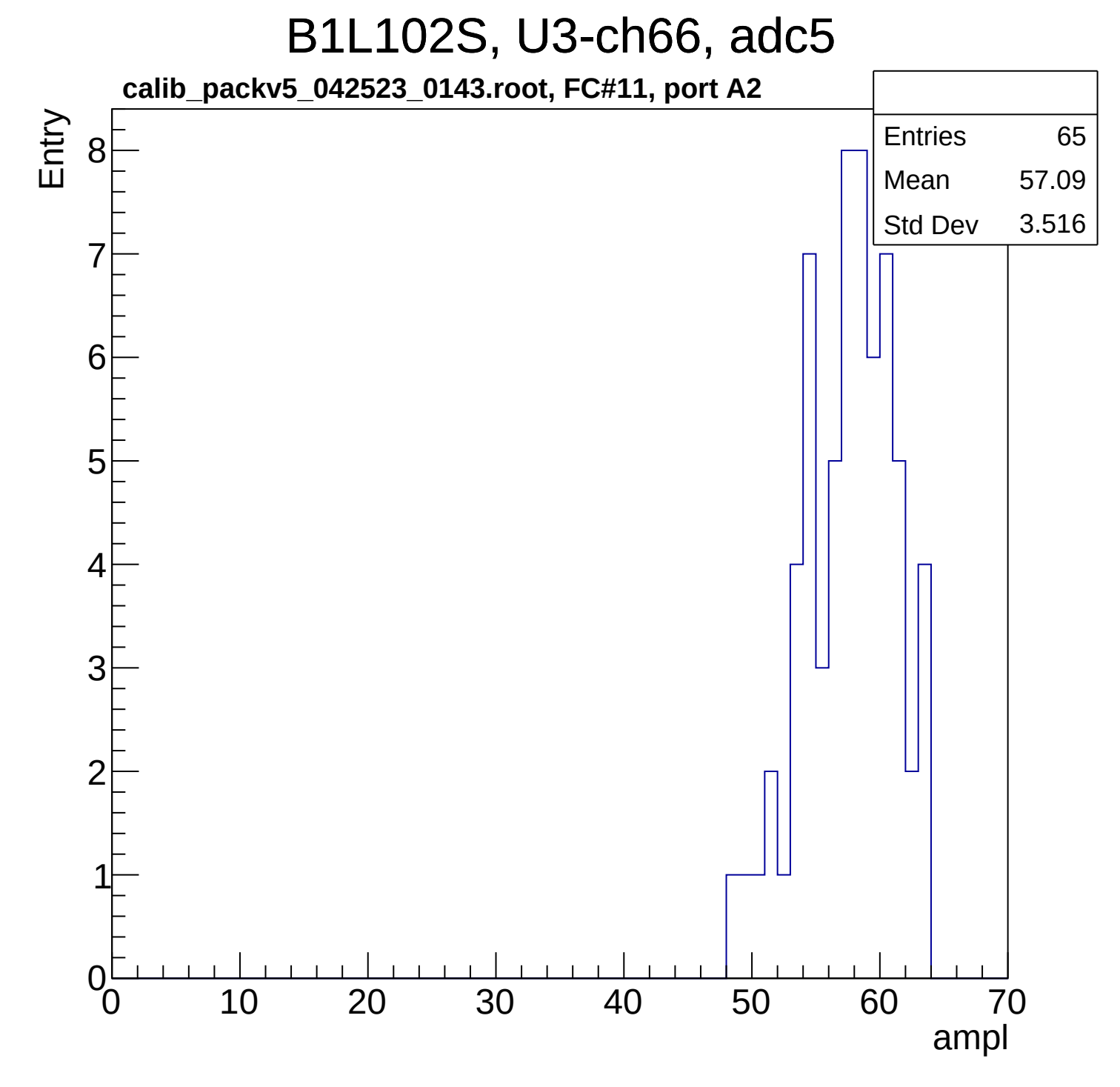
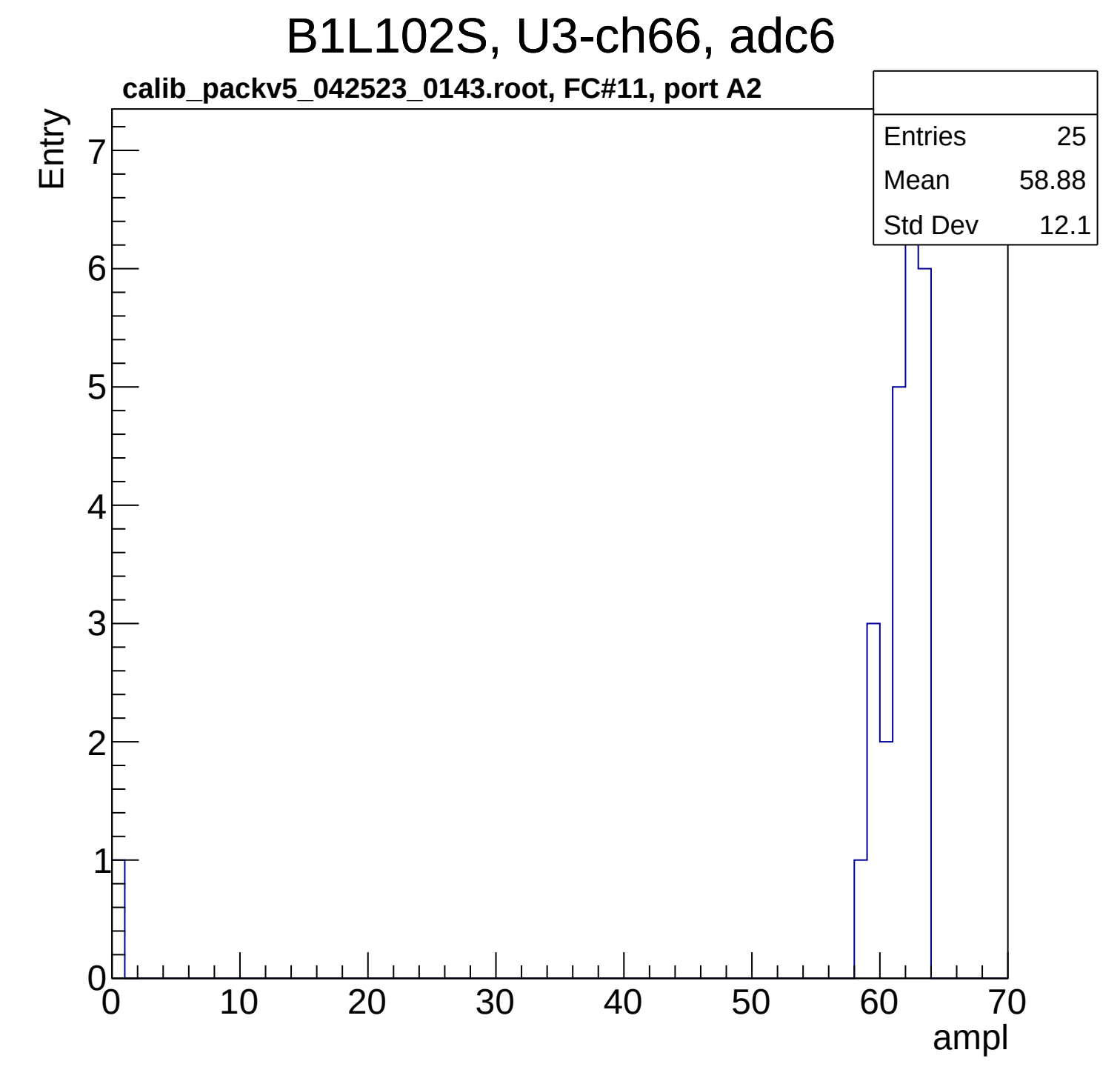
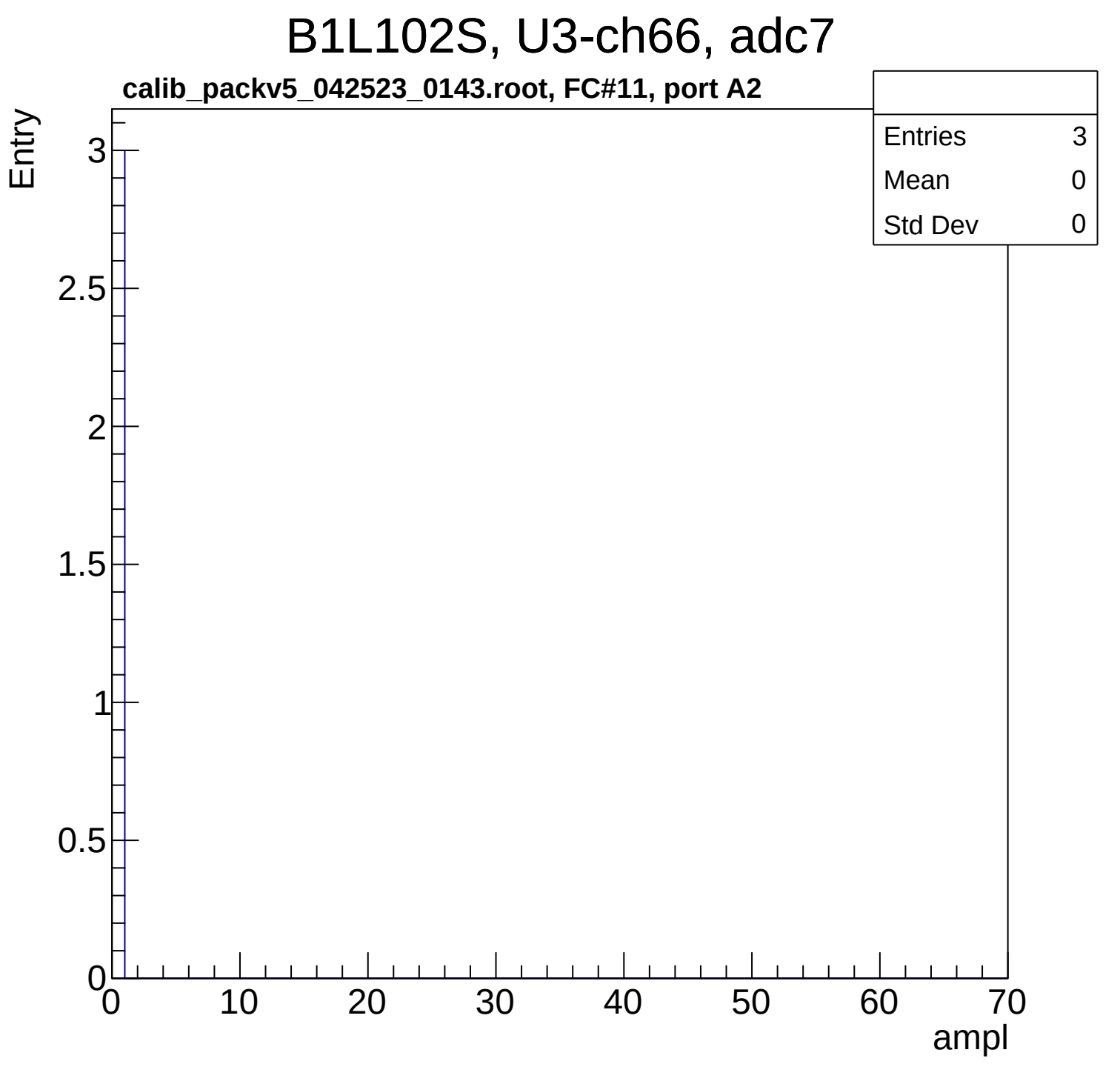
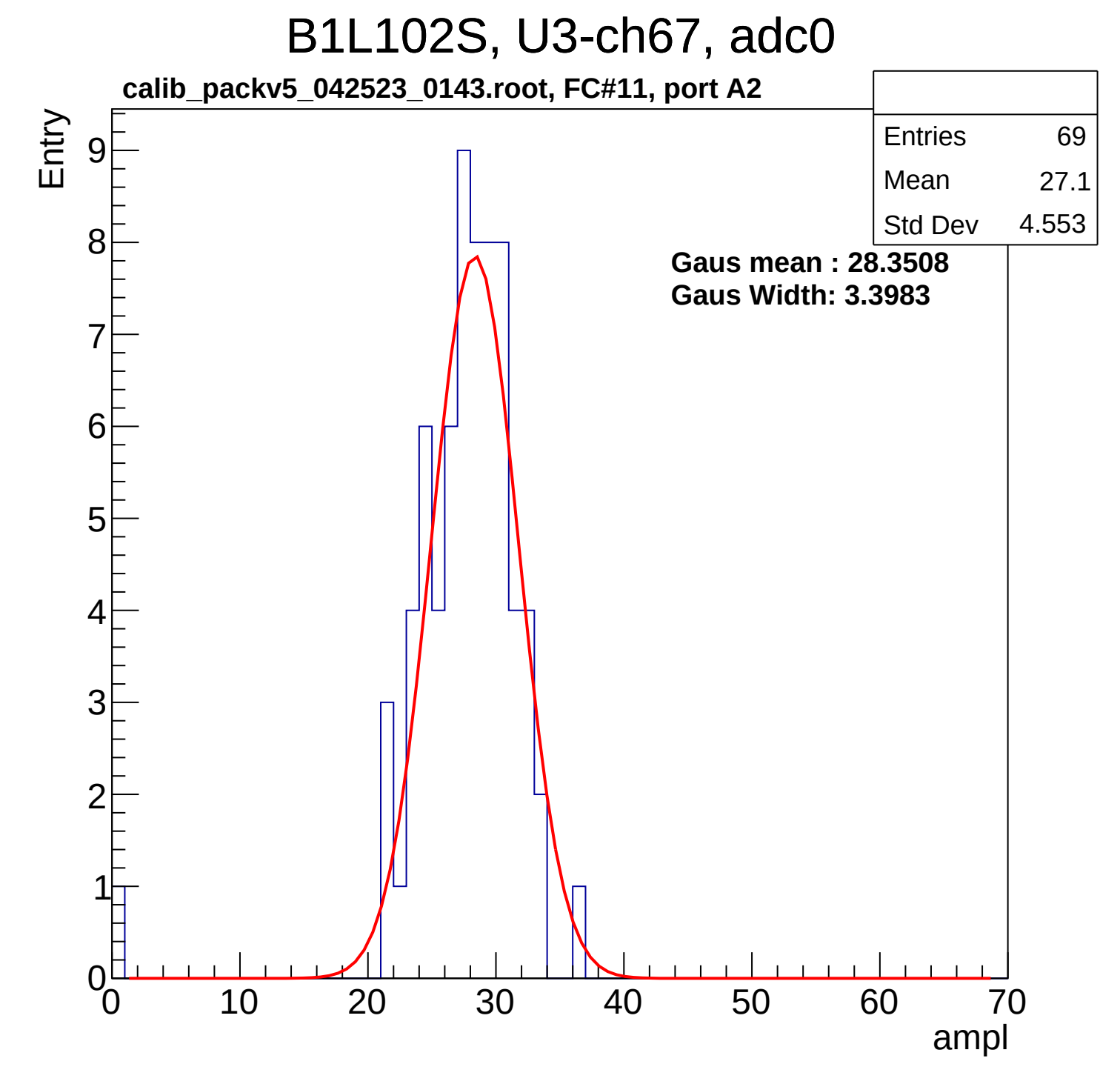
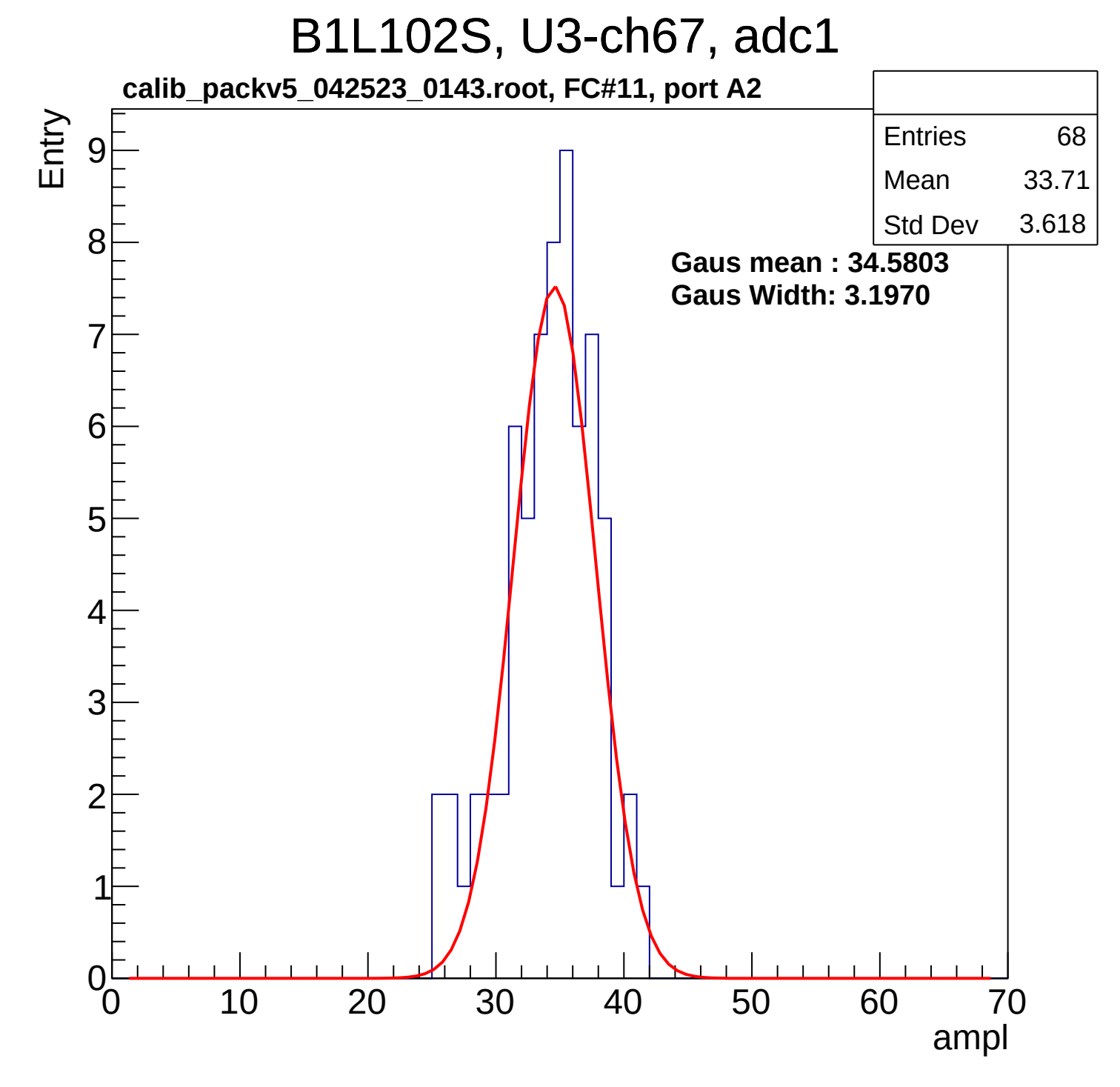

B1L102S, U3-ch66, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 57.09
Std Dev 3.516
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch66, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 25
Mean 58.88
Std Dev 12.1
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch66, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch67, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 27.1
Std Dev 4.553
Gaus mean : 28.3508
Gaus Width: 3.3983
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch67, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 33.71
Std Dev 3.618
Gaus mean : 34.5803
Gaus Width: 3.1970
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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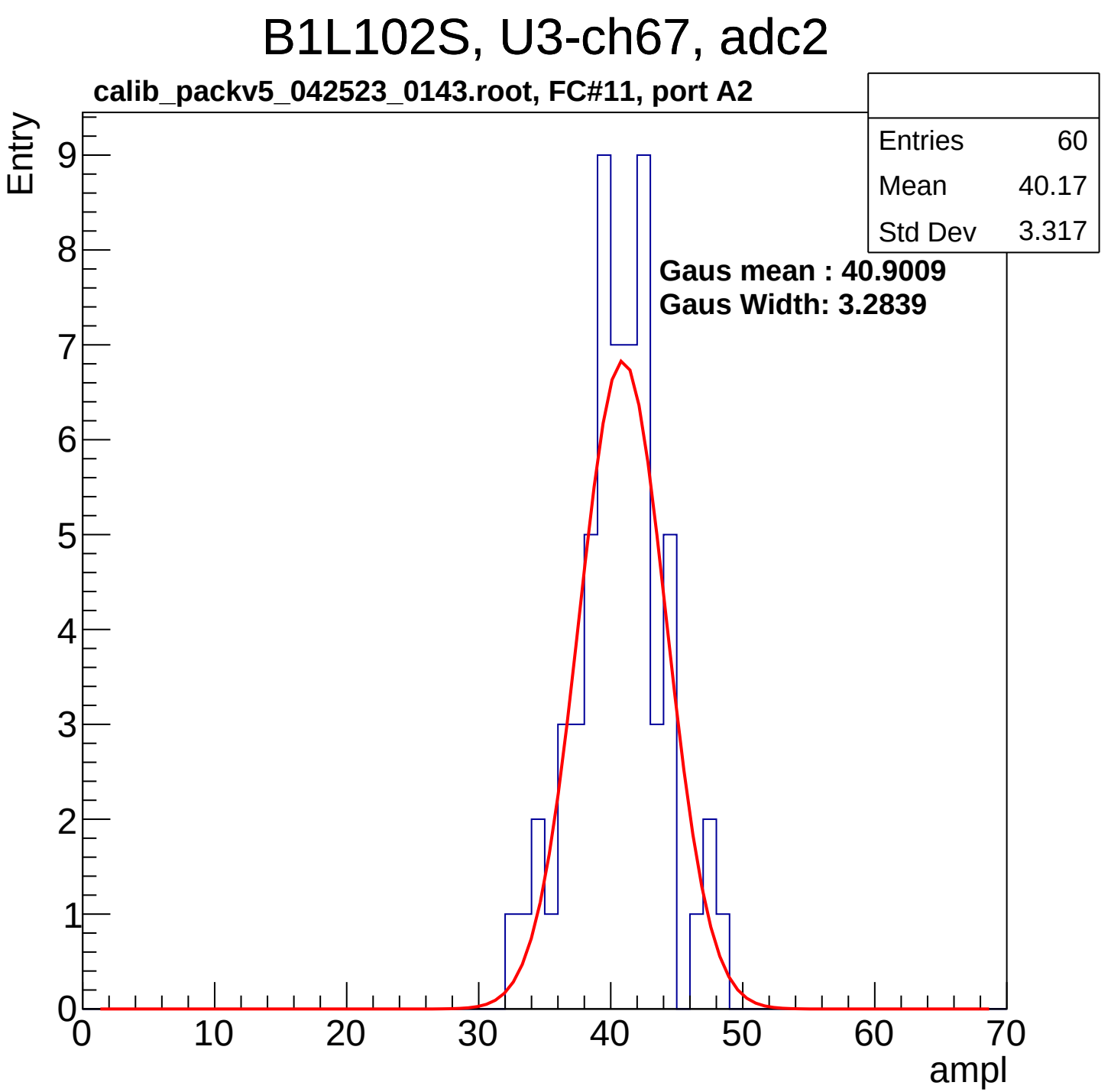
B1L102S, U3-ch67, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 40.17
Std Dev 3.317
Gaus mean : 40.9009
Gaus Width: 3.2839
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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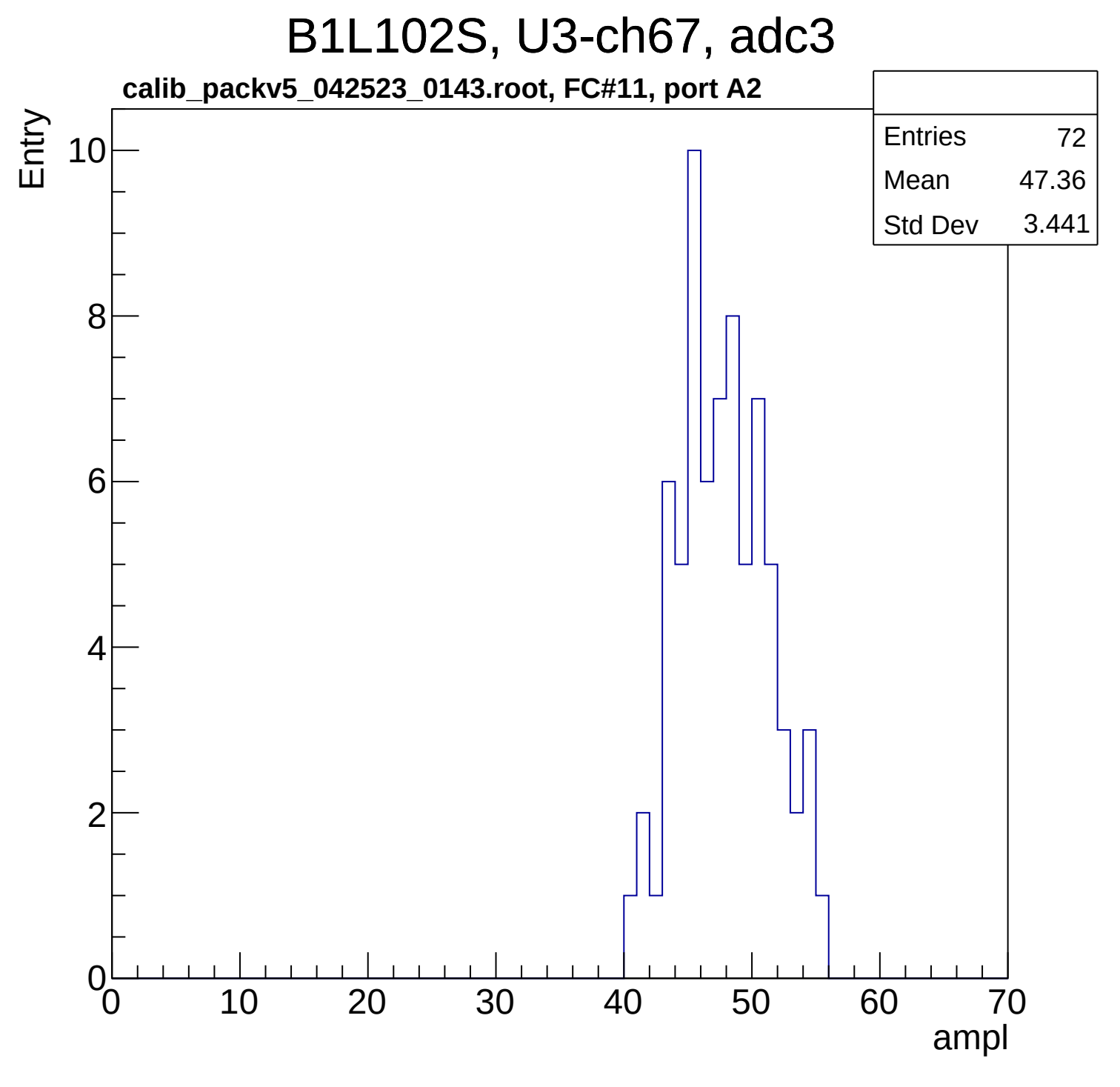
B1L102S, U3-ch67, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 47.36
Std Dev 3.441
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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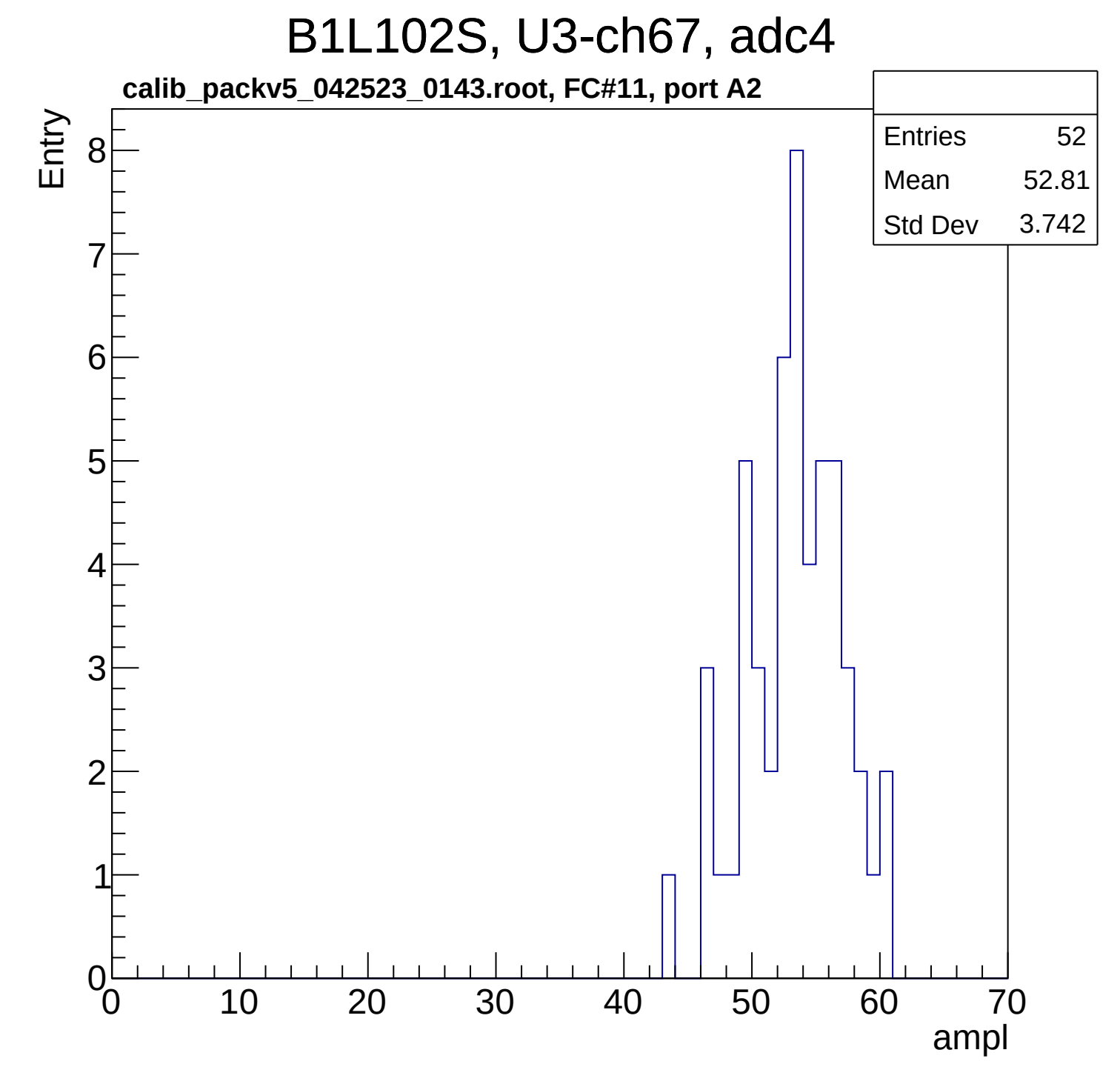
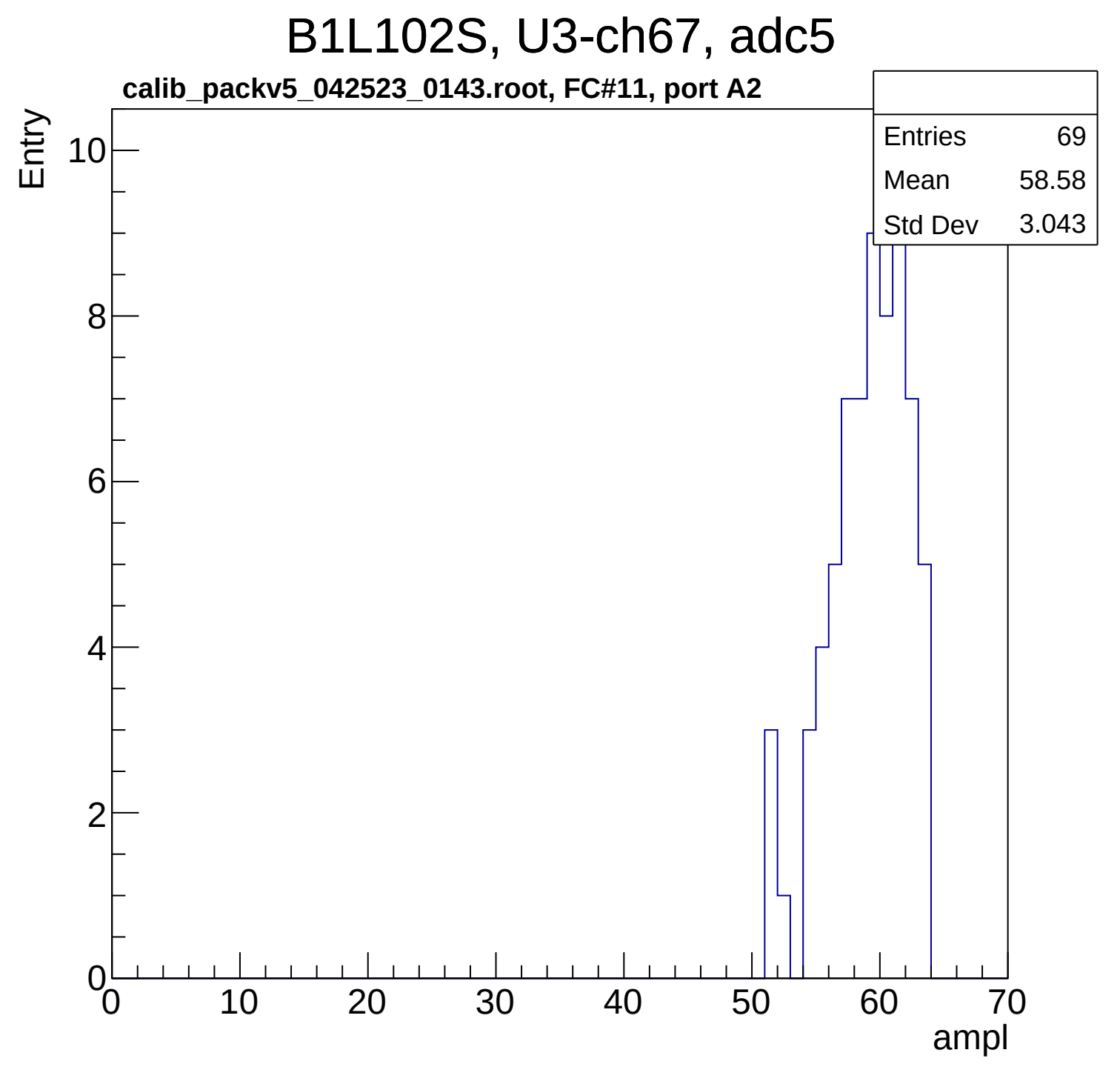
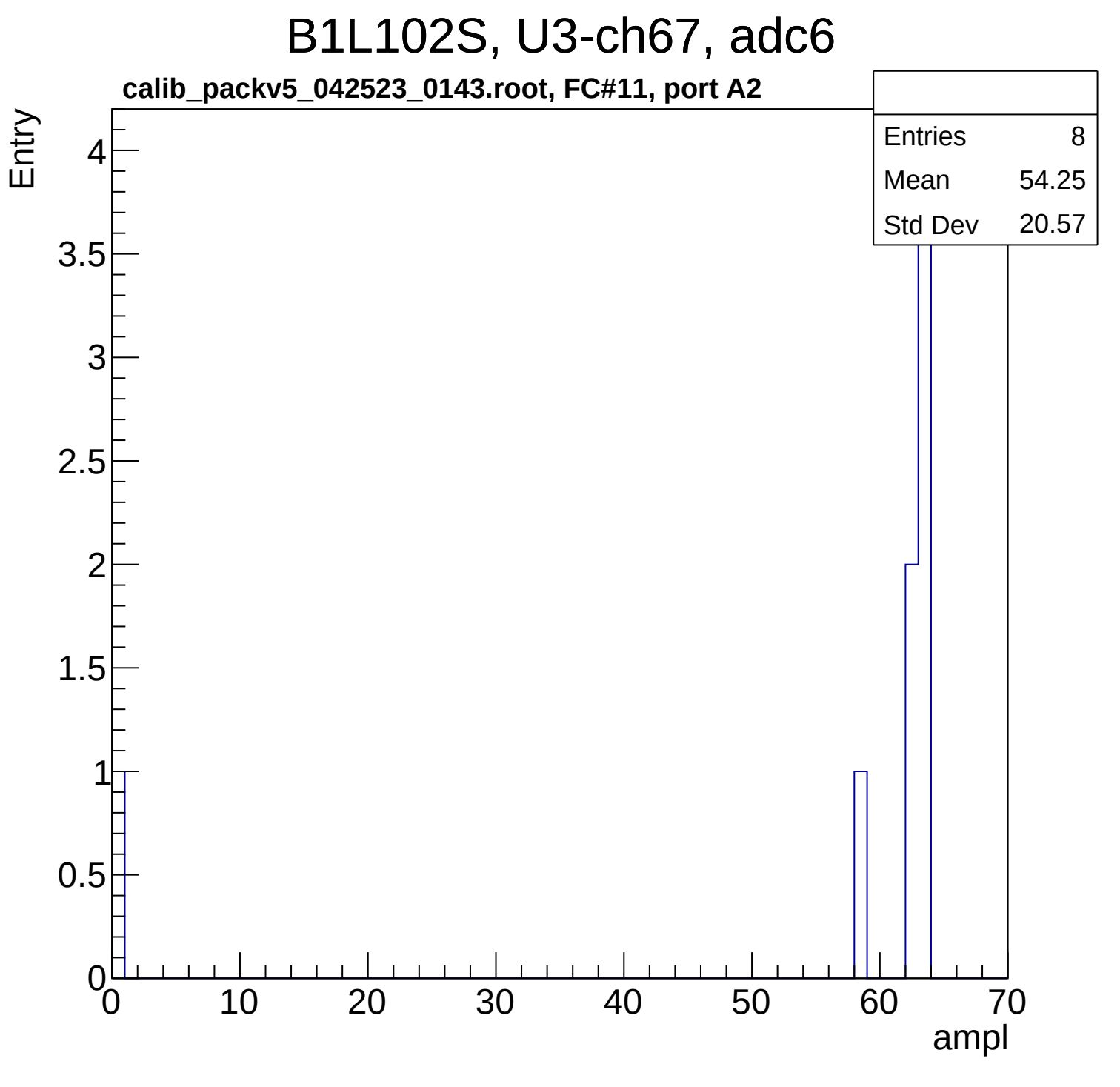
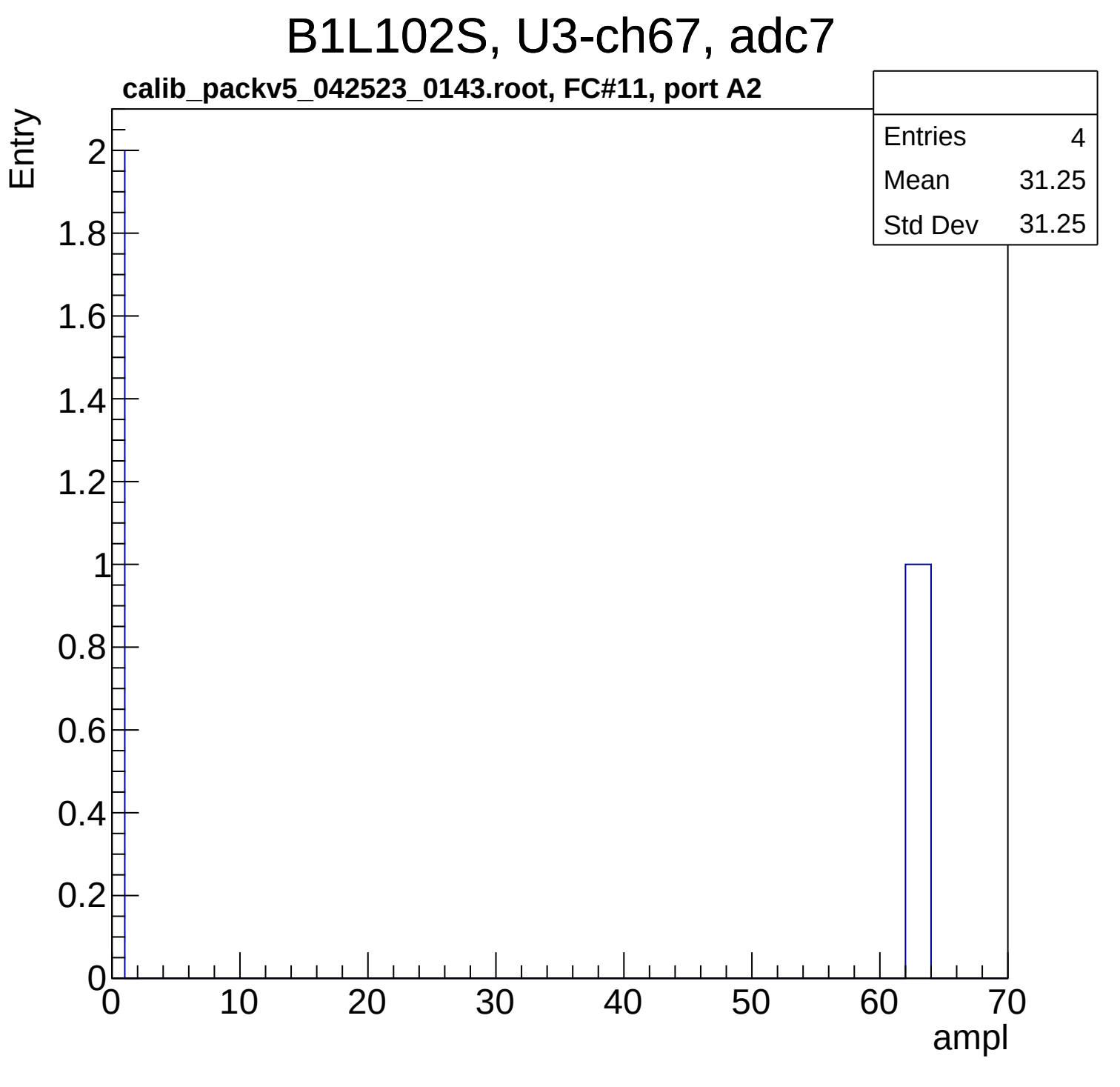
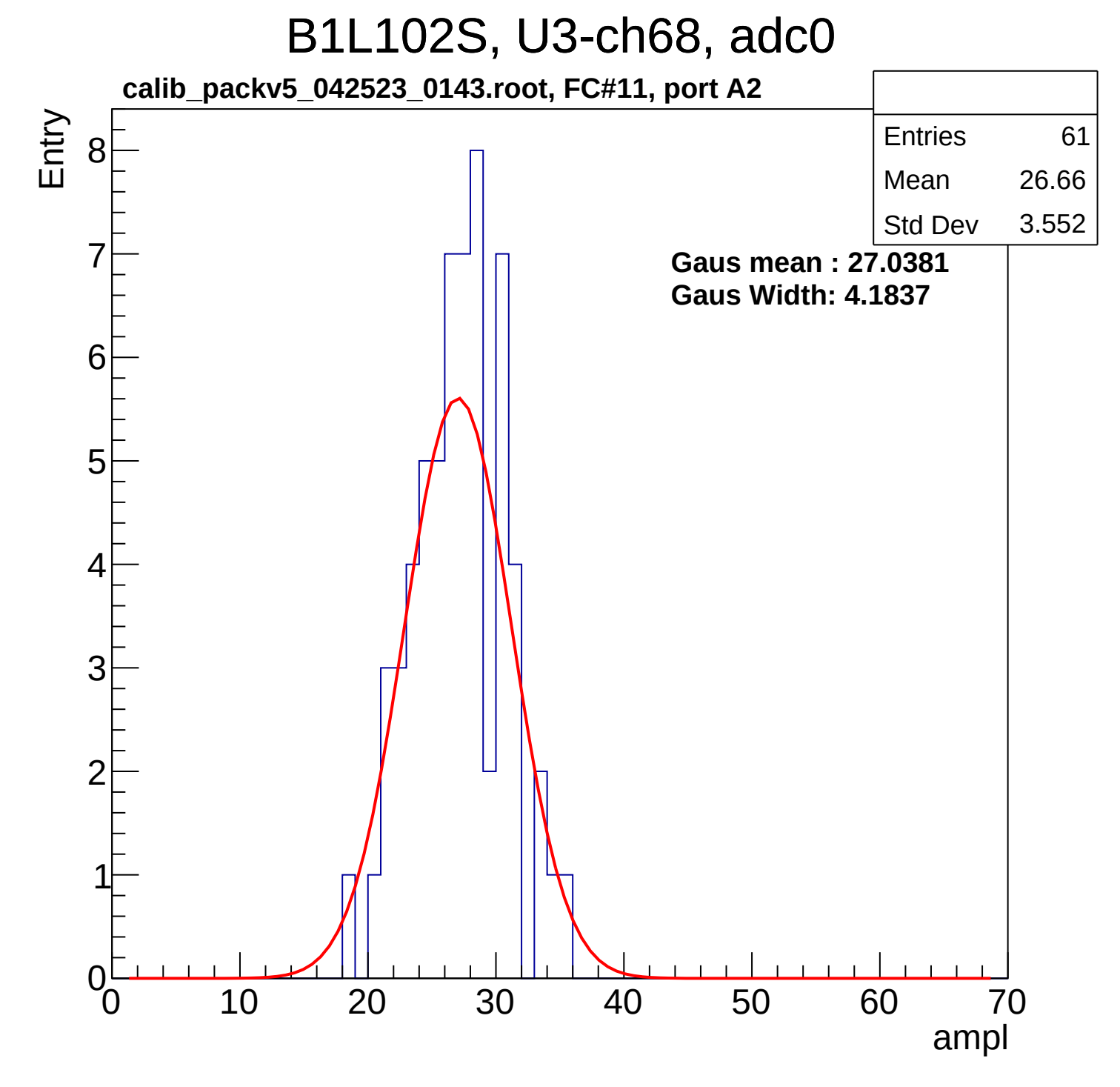
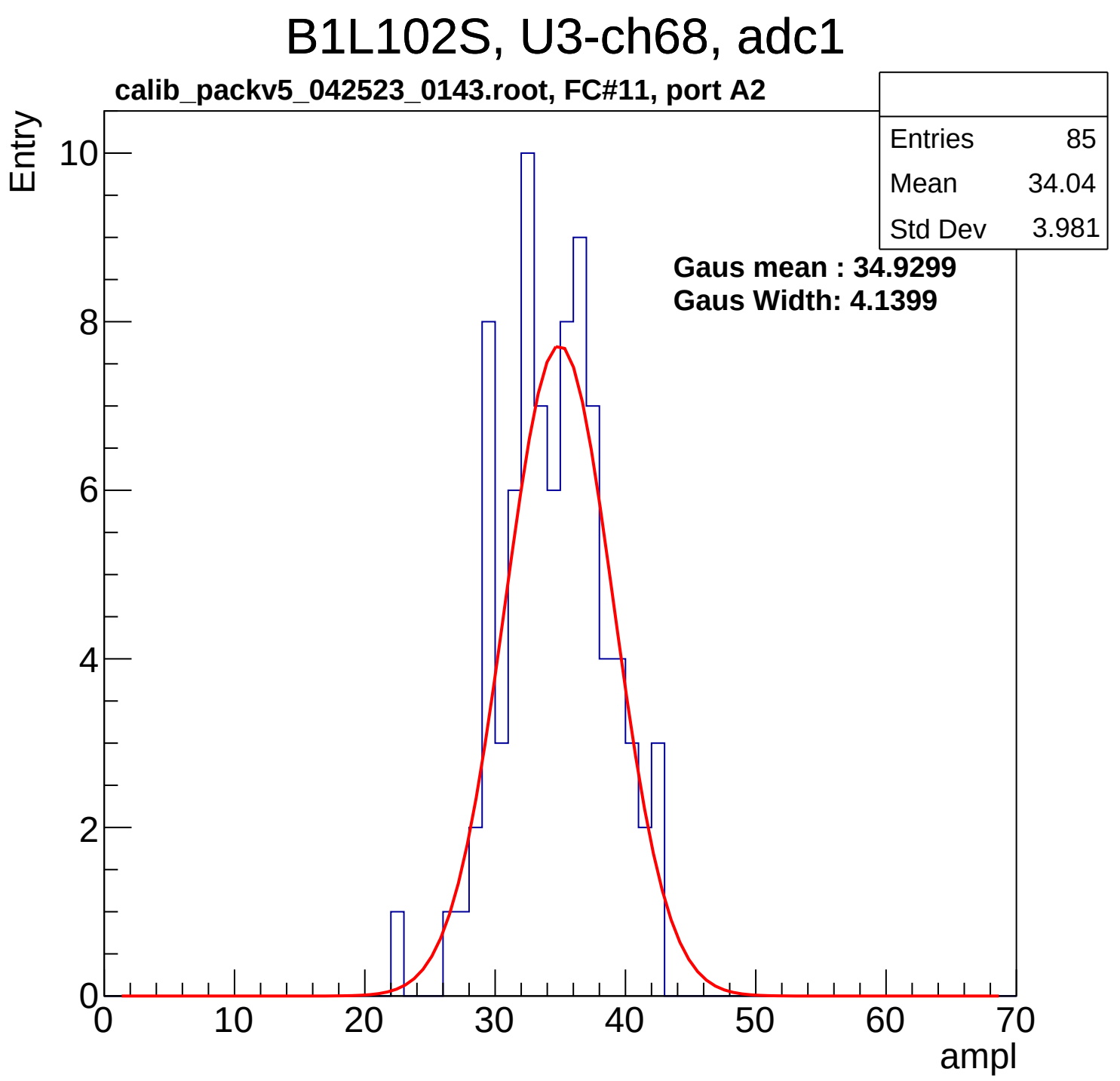

B1L102S, U3-ch67, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 52.81
Std Dev 3.742
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

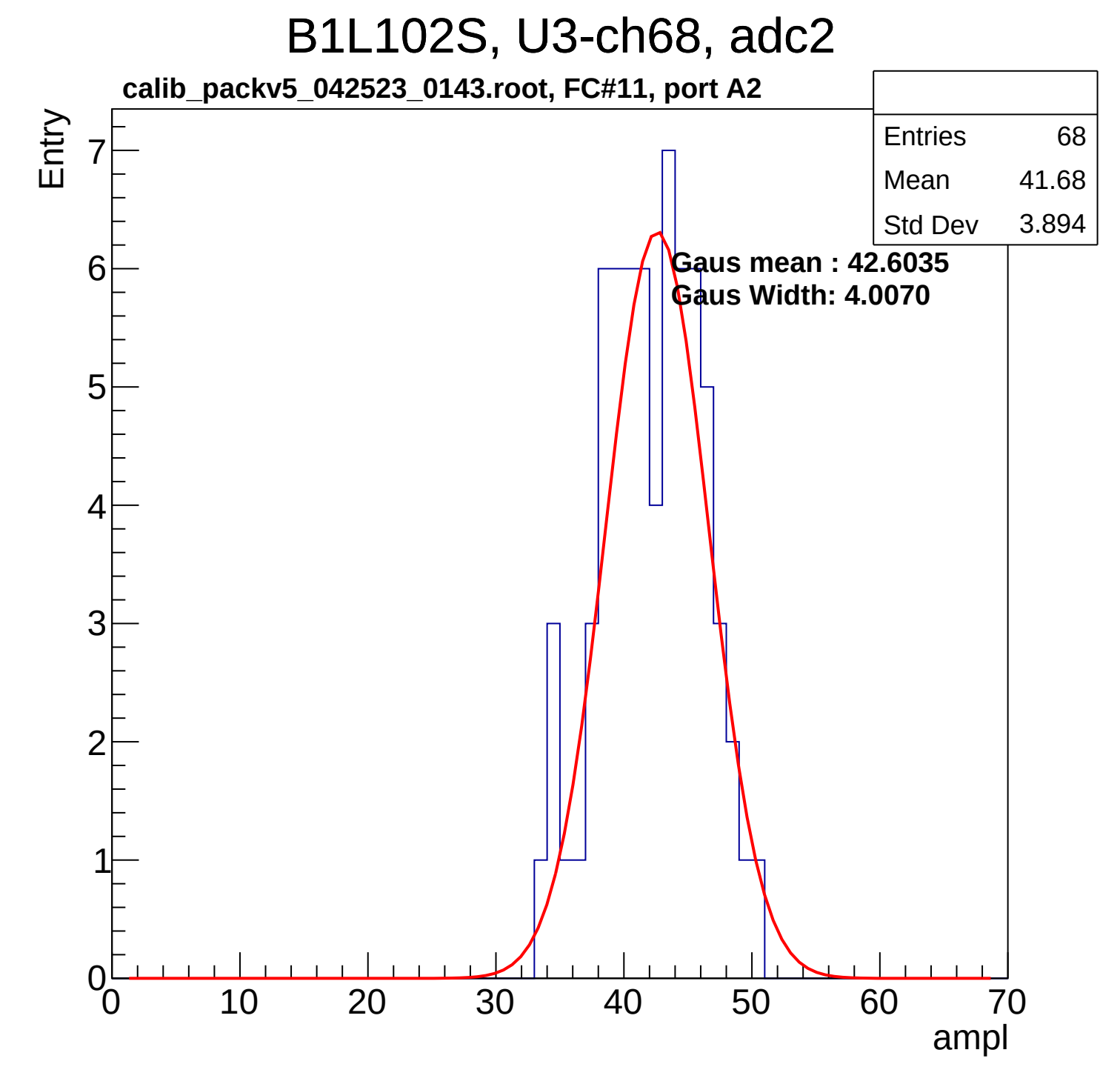

B1L102S, U3-ch67, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 58.58
Std Dev 3.043
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

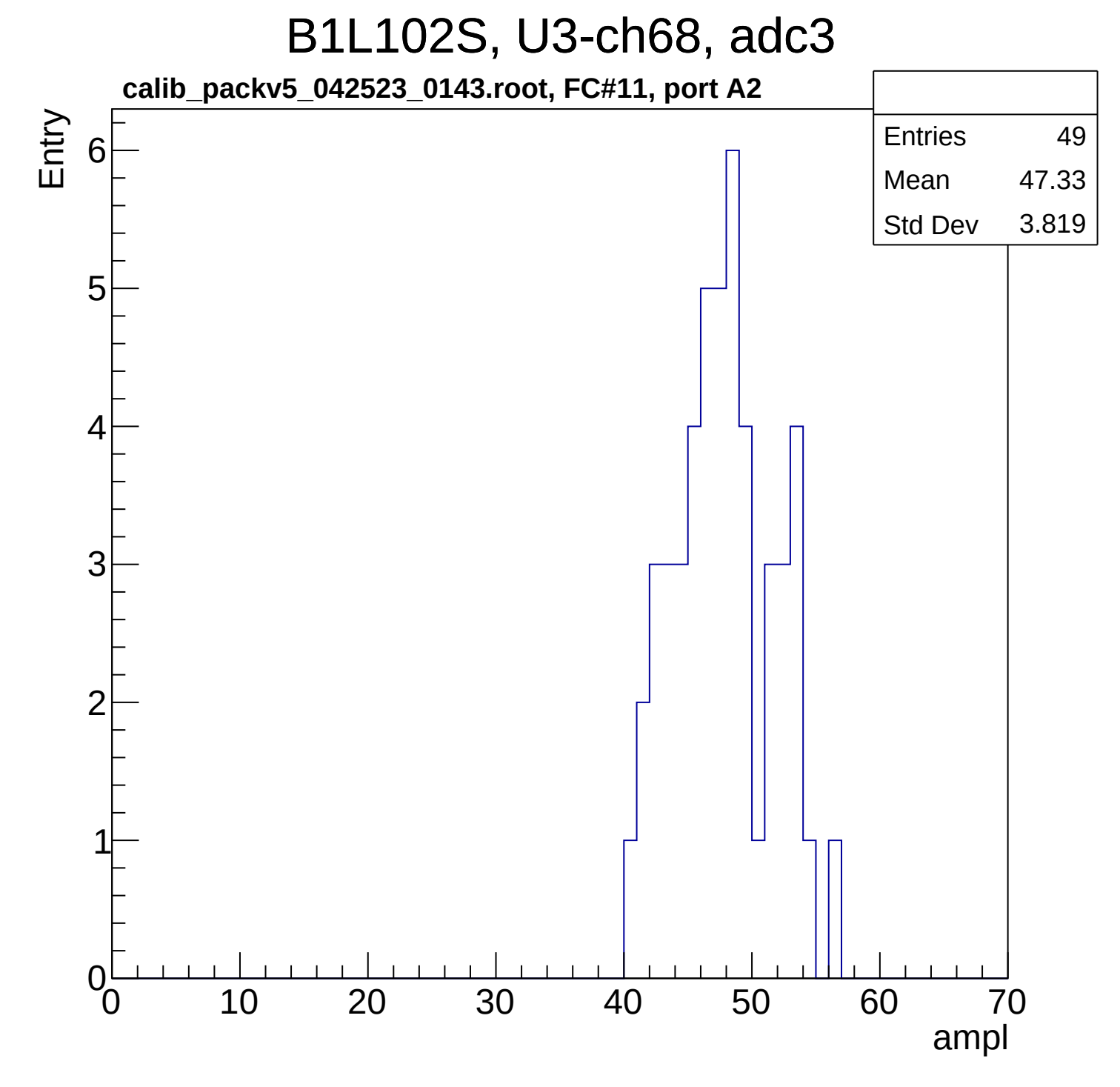

B1L102S, U3-ch67, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 54.25
Std Dev 20.57
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

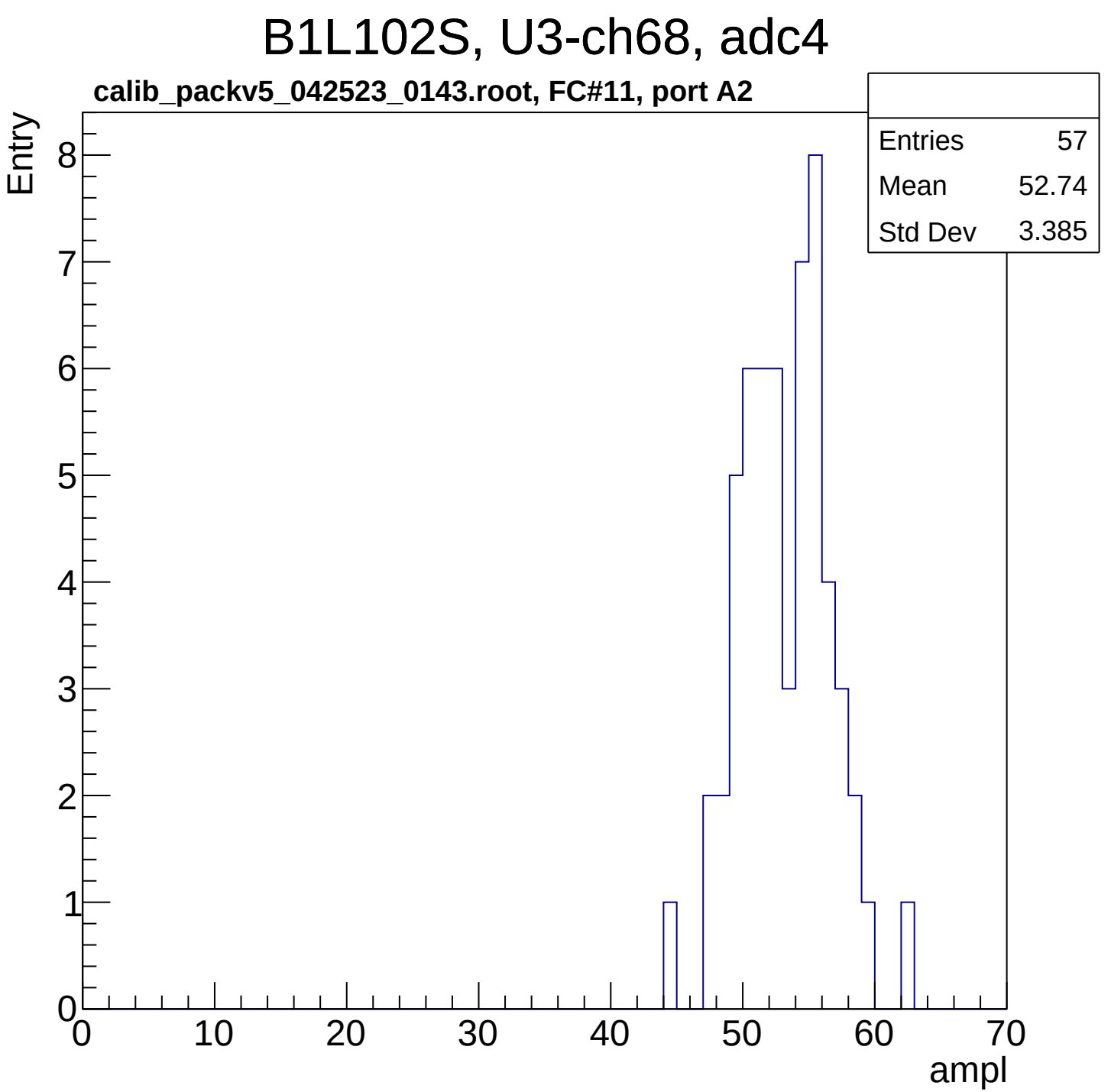

B1L102S, U3-ch67, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 31.25
Std Dev 31.25
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch68, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 26.66
Std Dev 3.552
Gaus mean : 27.0381
Gaus Width: 4.1837
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch68, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 85
Mean 34.04
Std Dev 3.981
Gaus mean : 34.9299
Gaus Width: 4.1399
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch68, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 41.68
Std Dev 3.894
Gaus mean : 42.6035
Gaus Width: 4.0070
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch68, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 47.33
Std Dev 3.819
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch68, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 52.74
Std Dev 3.385
Entry
ampl
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1
2
3
4
5
6
7
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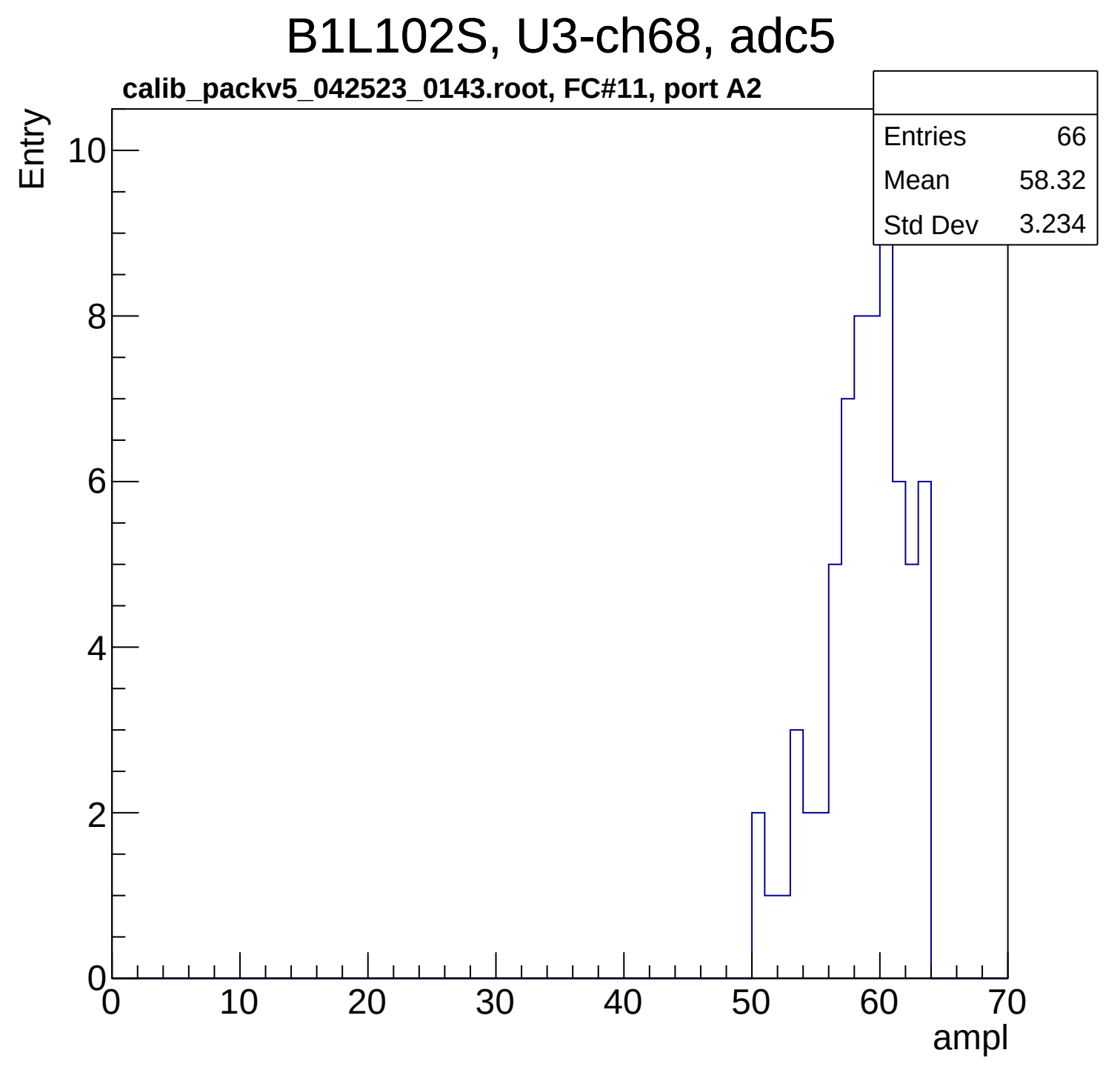
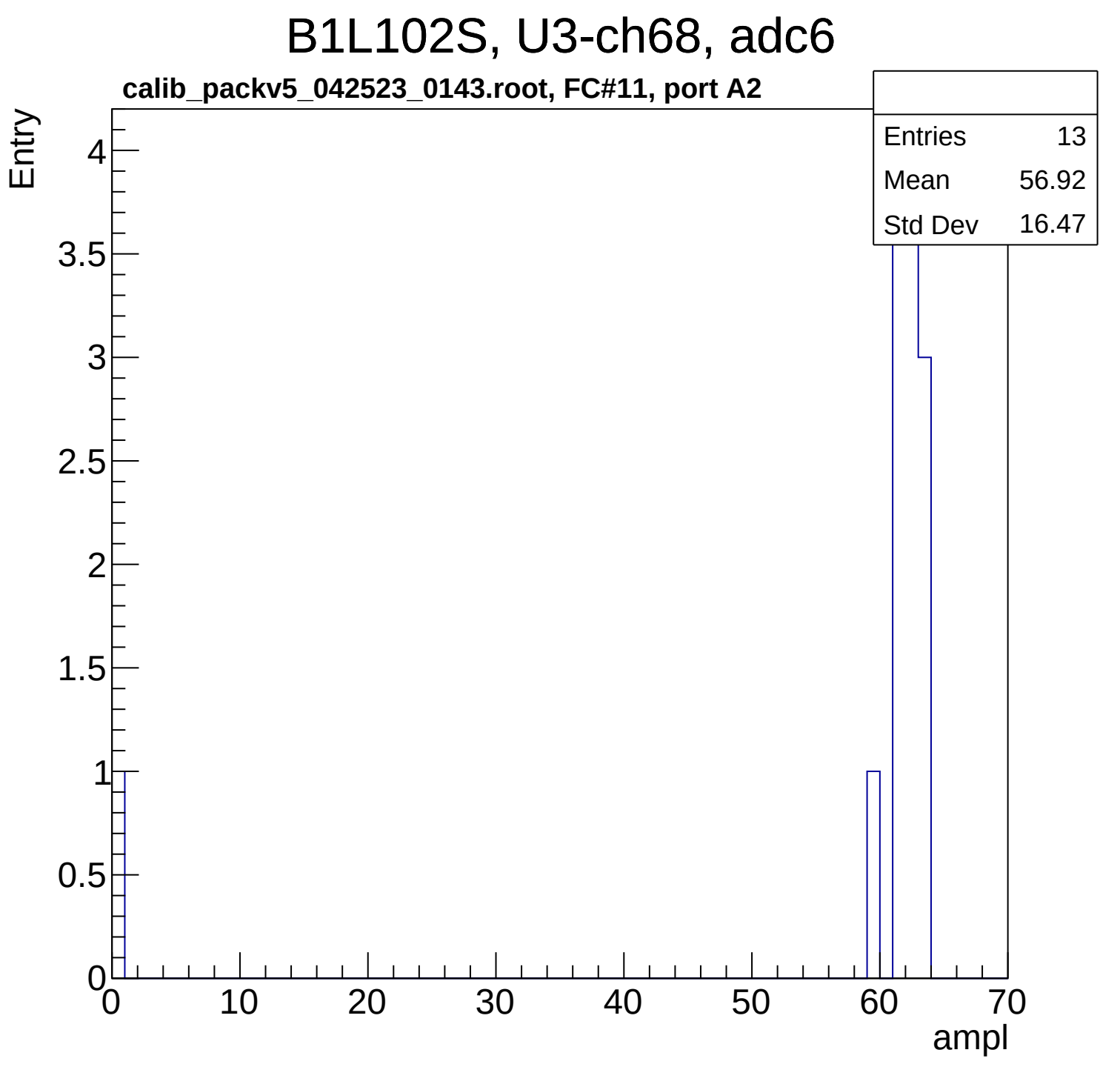
0
10
20
30
40
50
60
70


B1L102S, U3-ch68, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 58.32
Std Dev 3.234
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch68, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 56.92
Std Dev 16.47
Entry
ampl
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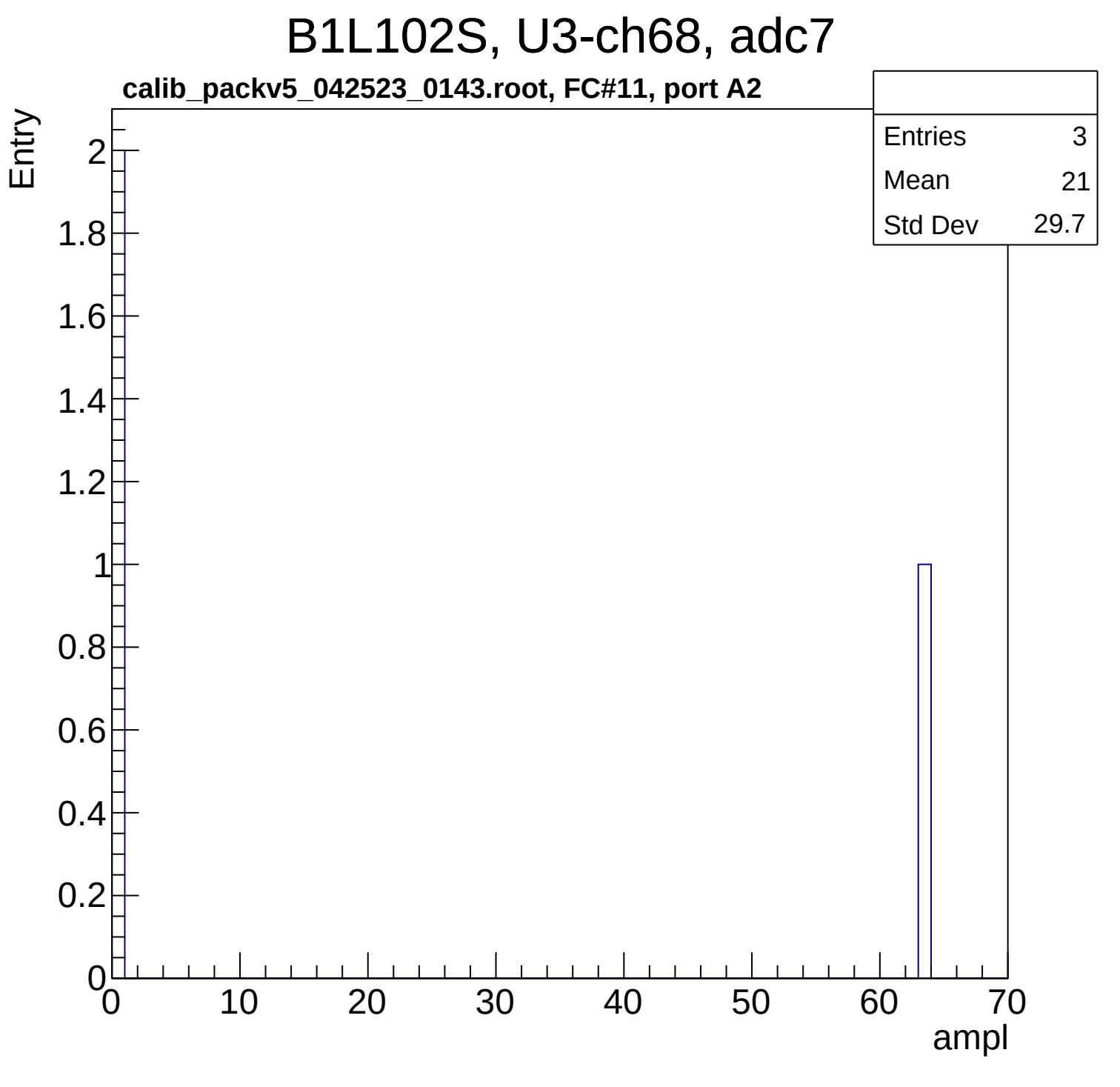
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch68, 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
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60
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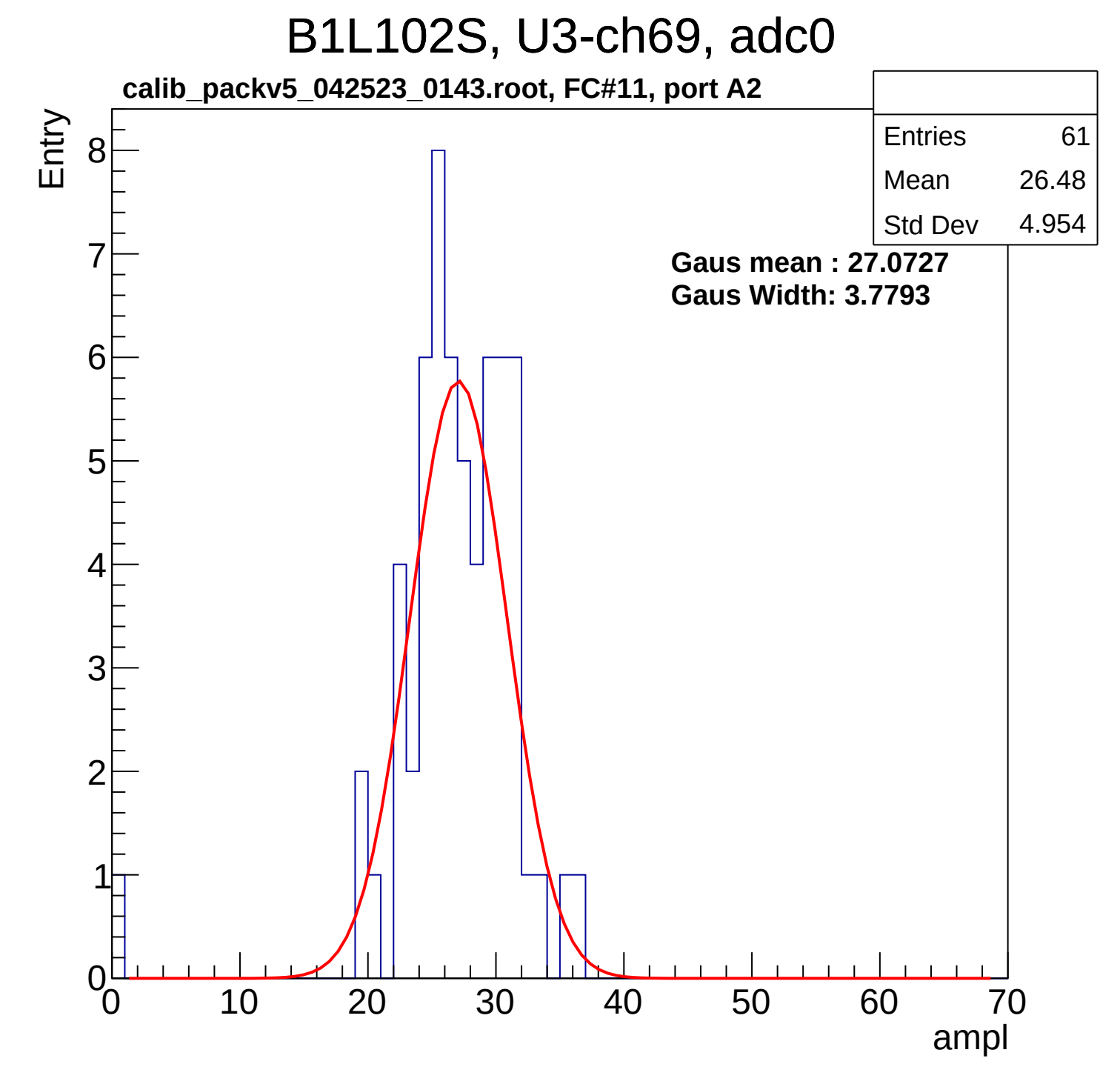
B1L102S, U3-ch69, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 26.48
Std Dev 4.954
Gaus mean : 27.0727
Gaus Width: 3.7793
Entry
ampl
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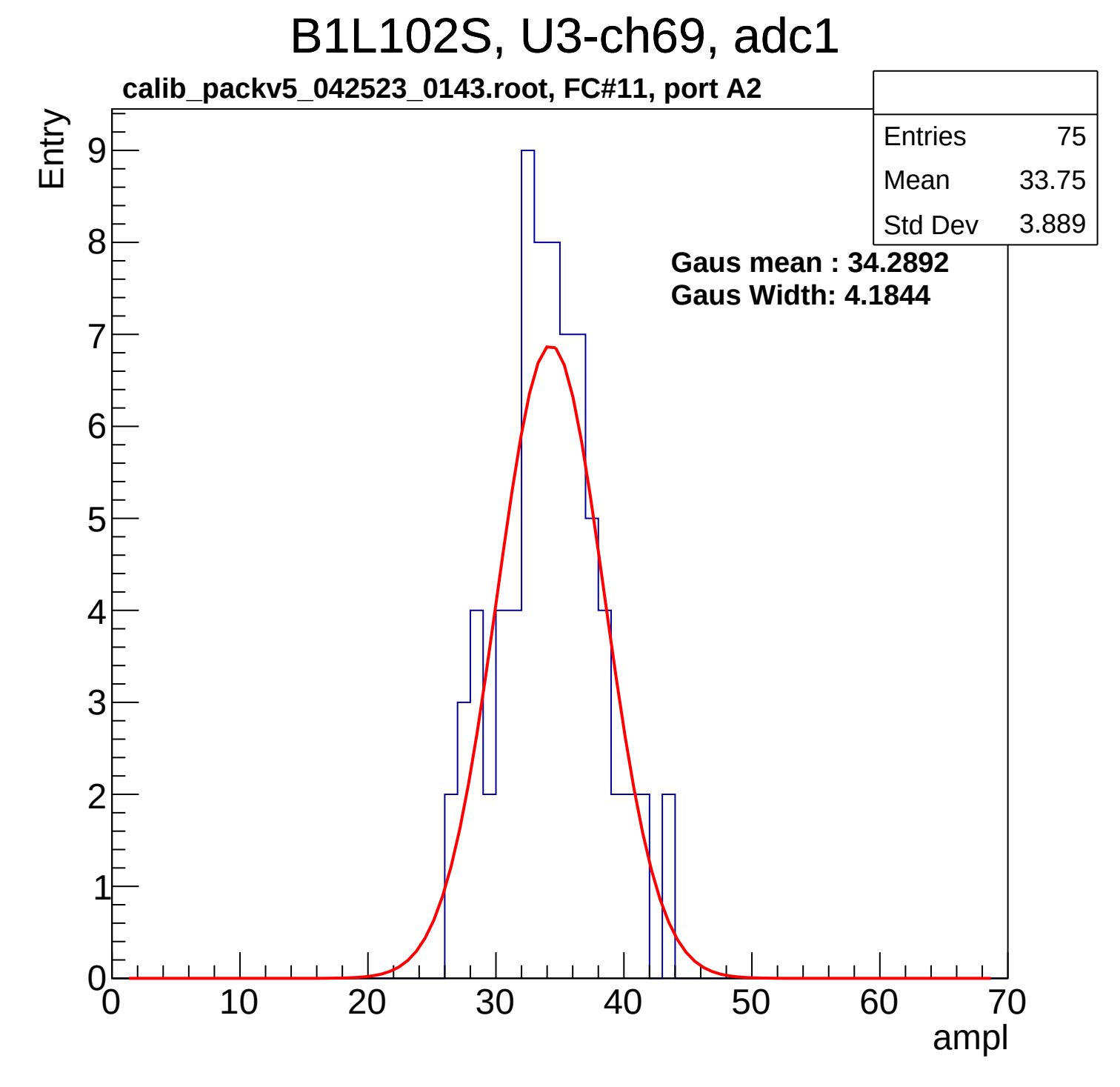
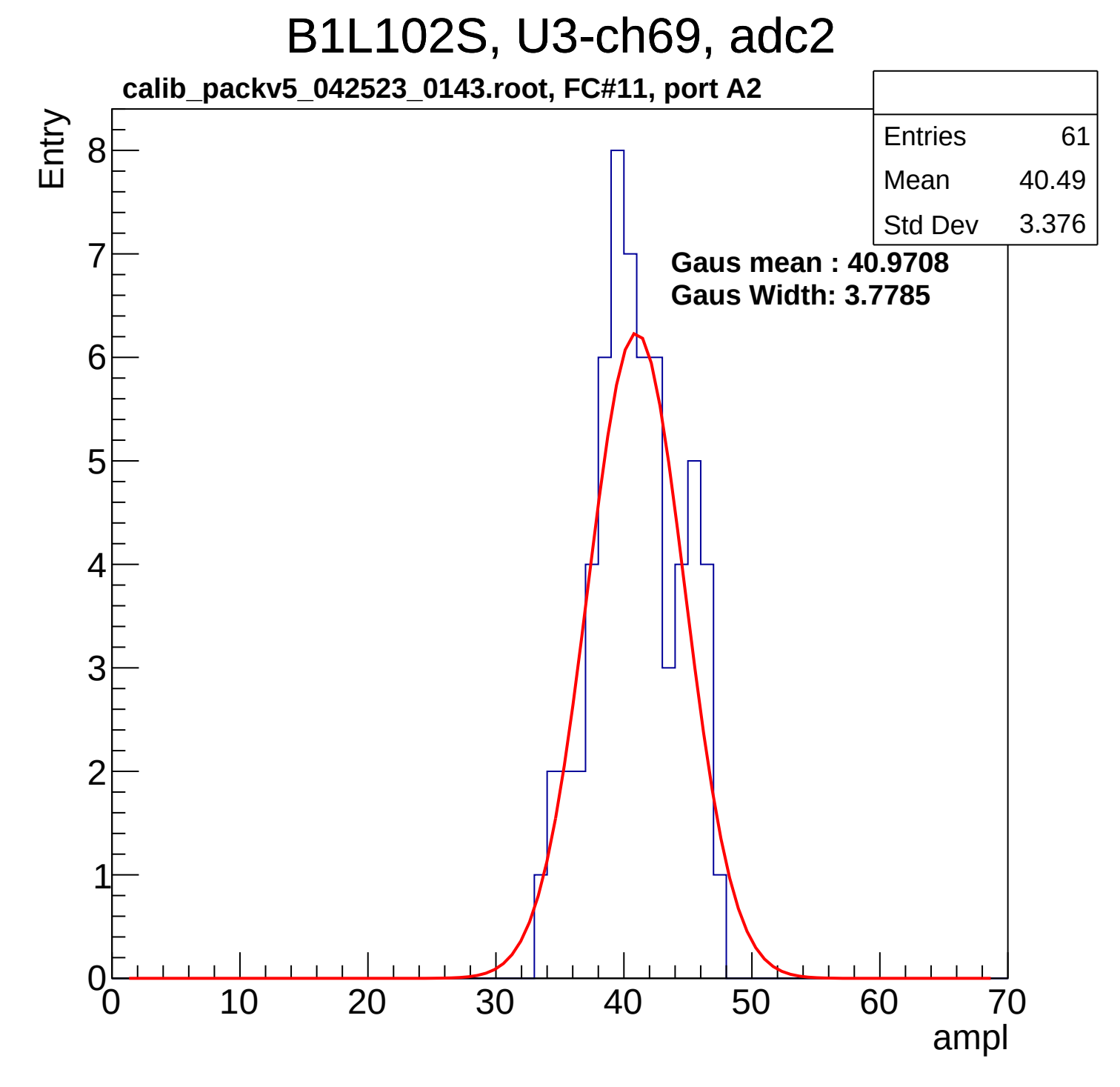
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch69, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 33.75
Std Dev 3.889
Gaus mean : 34.2892
Gaus Width: 4.1844
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch69, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 40.49
Std Dev 3.376
Gaus mean : 40.9708
Gaus Width: 3.7785
Entry
ampl
0
1
2
3
4
5
6
7
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0
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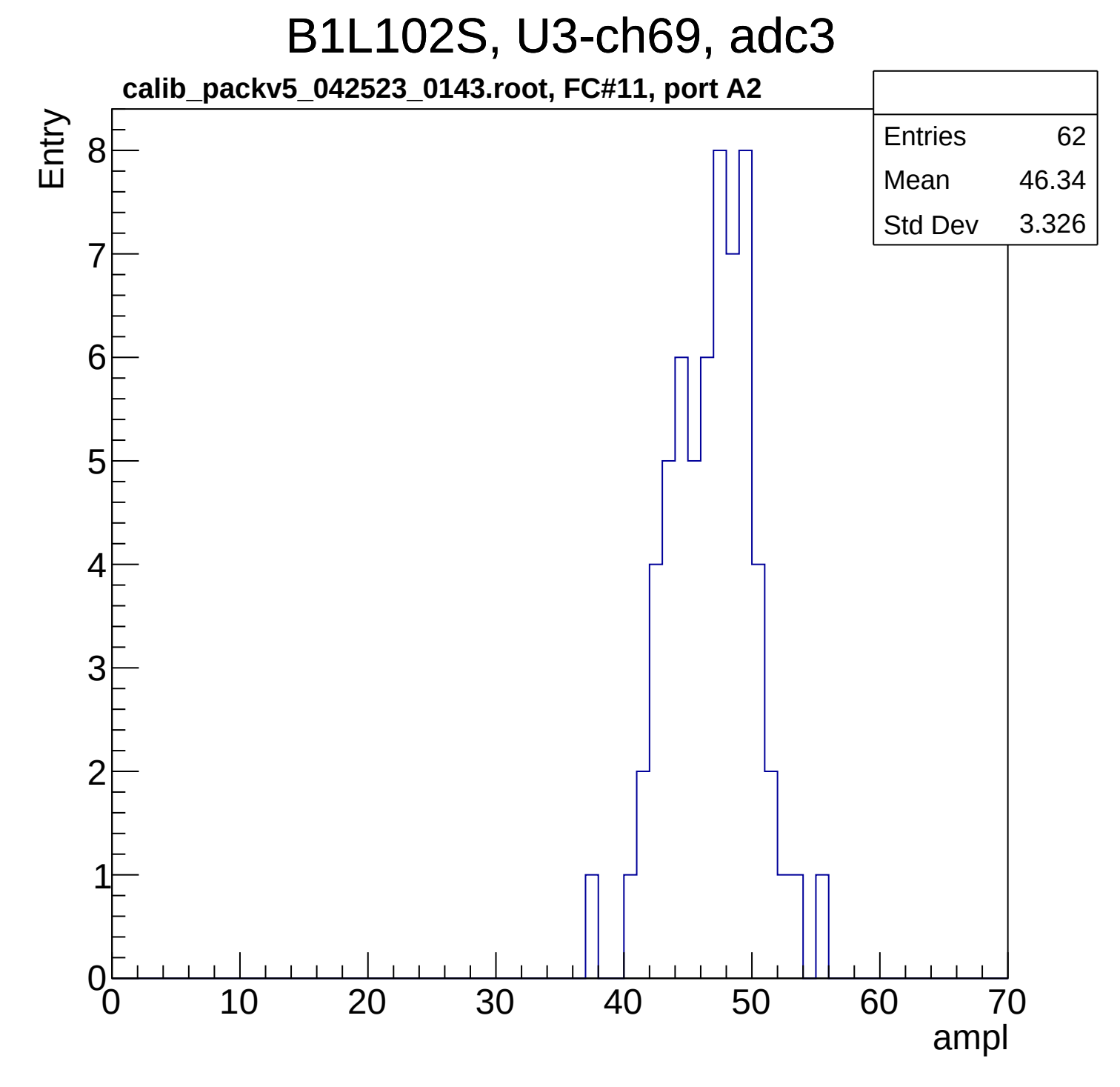
20
30
40
50
60
70


B1L102S, U3-ch69, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 46.34
Std Dev 3.326
Entry
ampl
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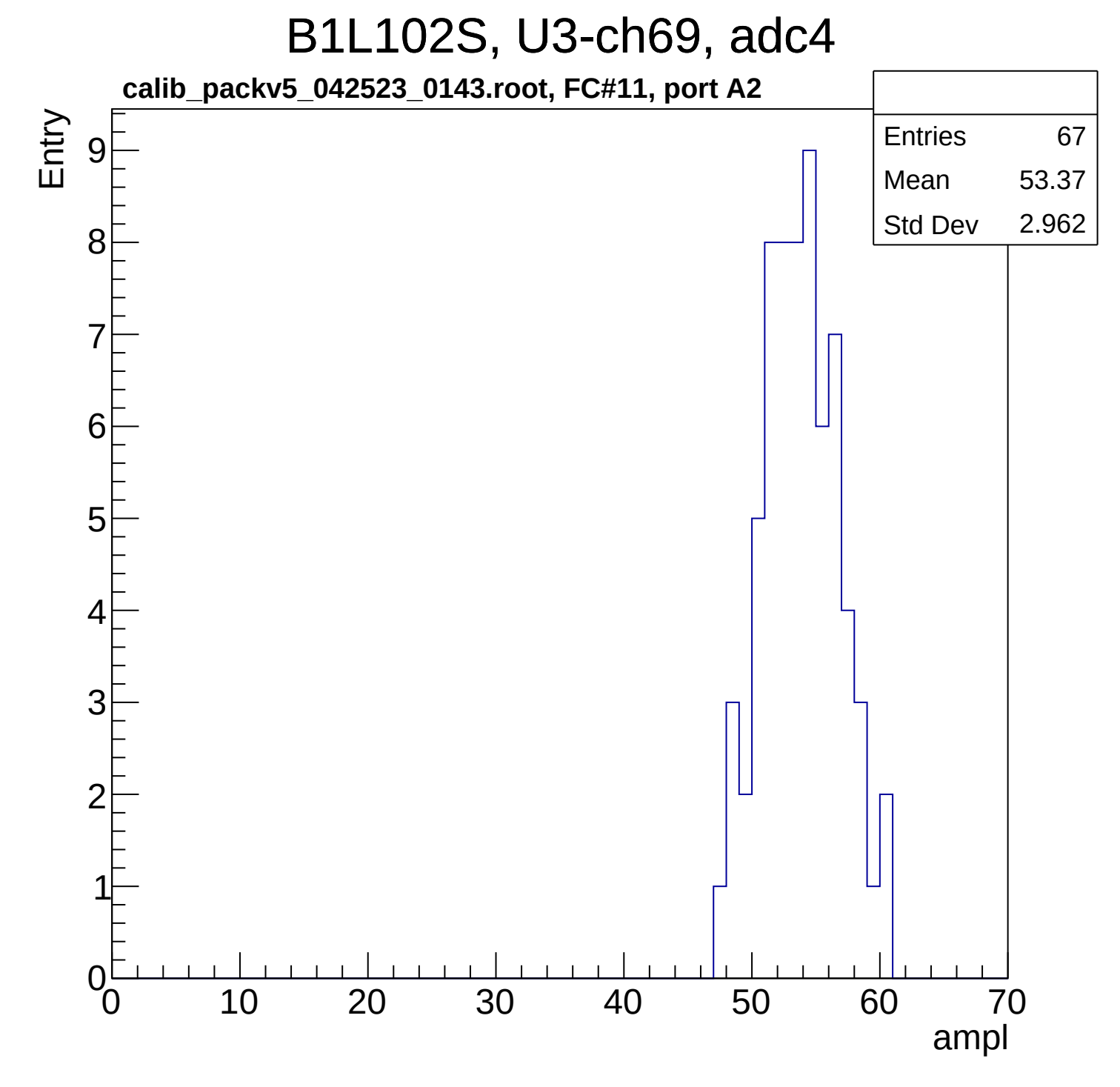
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch69, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 53.37
Std Dev 2.962
Entry
ampl
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3
4
5
6
7
8
9
0
10
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40
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60
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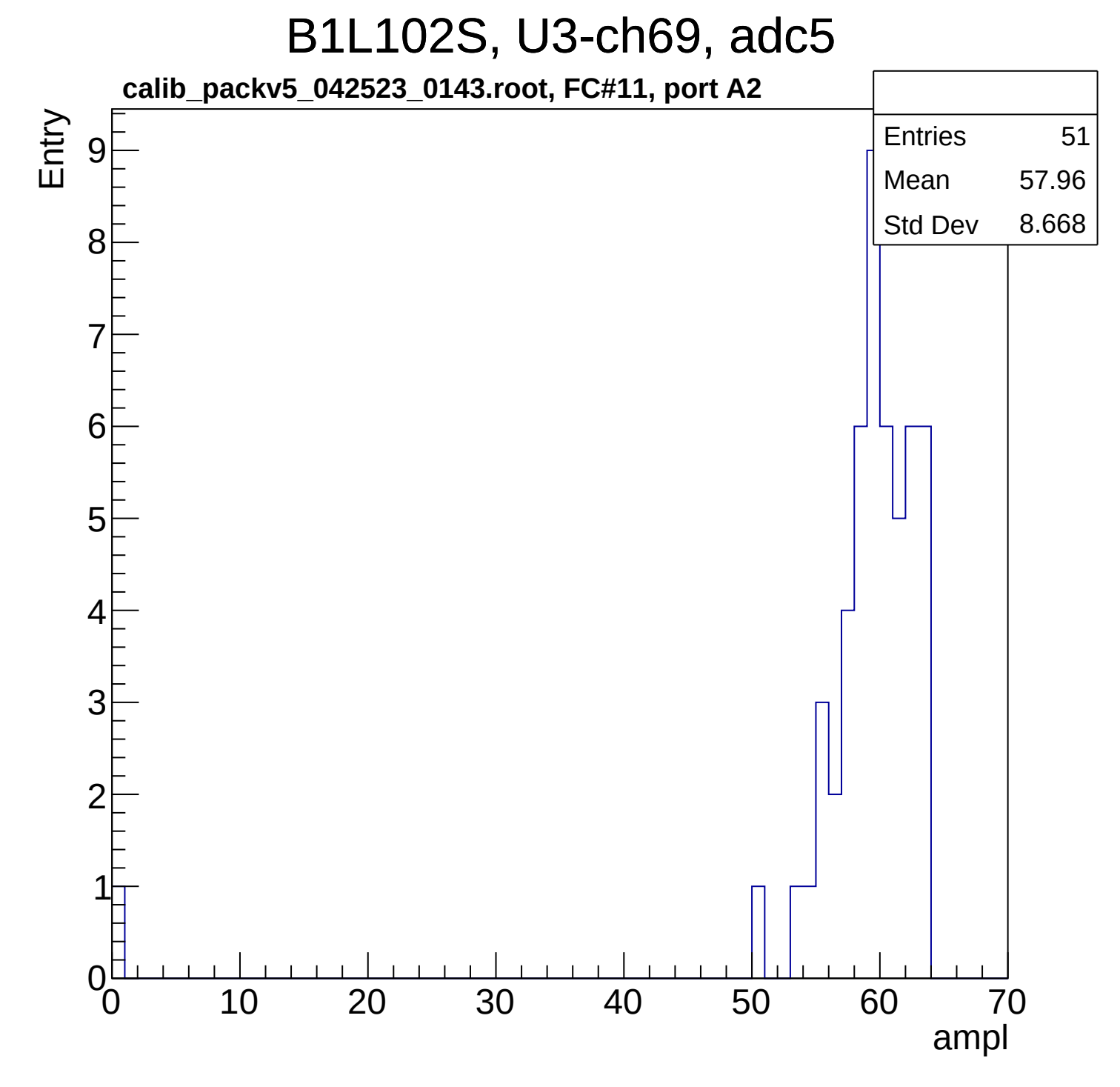
B1L102S, U3-ch69, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 57.96
Std Dev 8.668
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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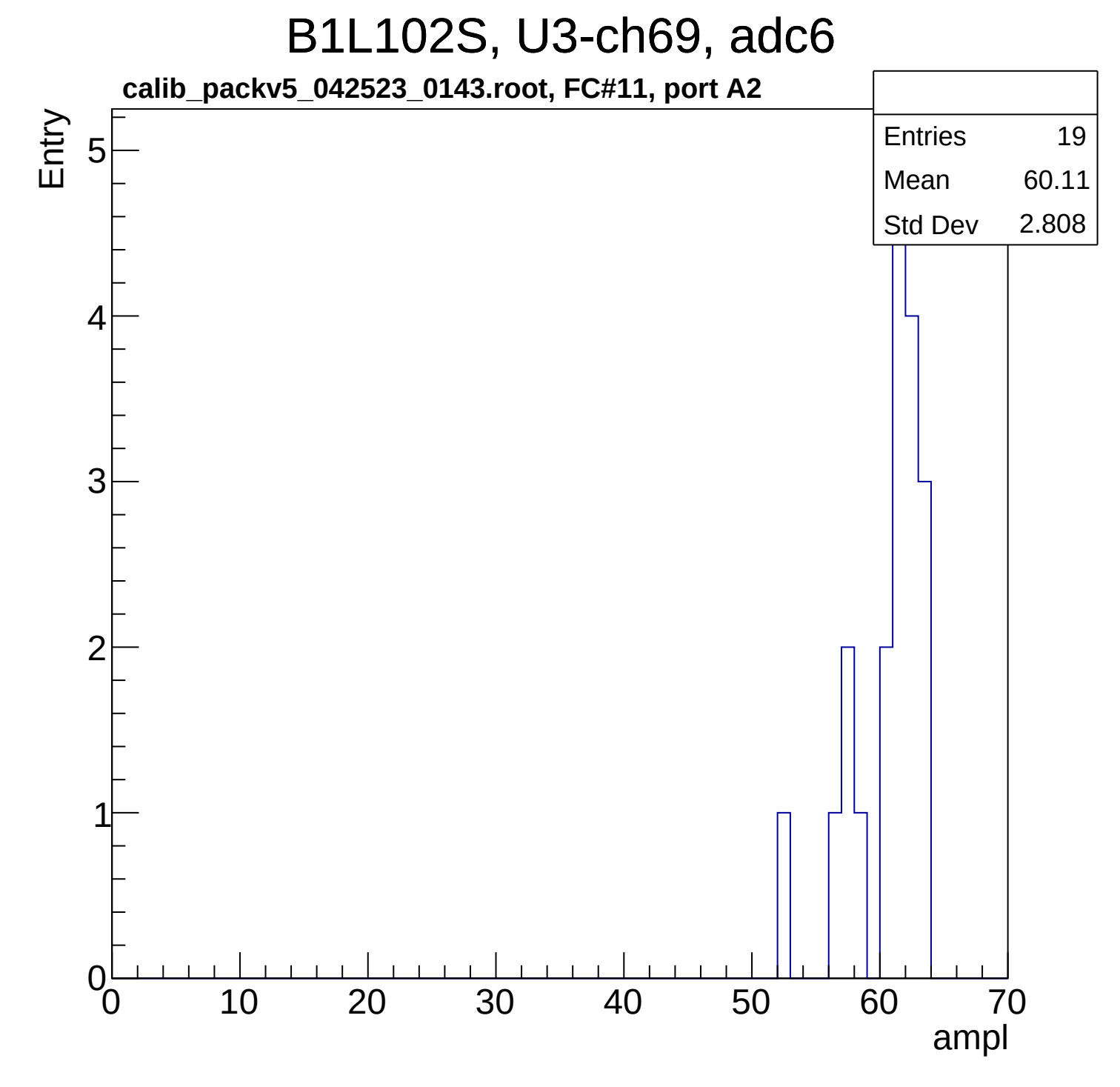
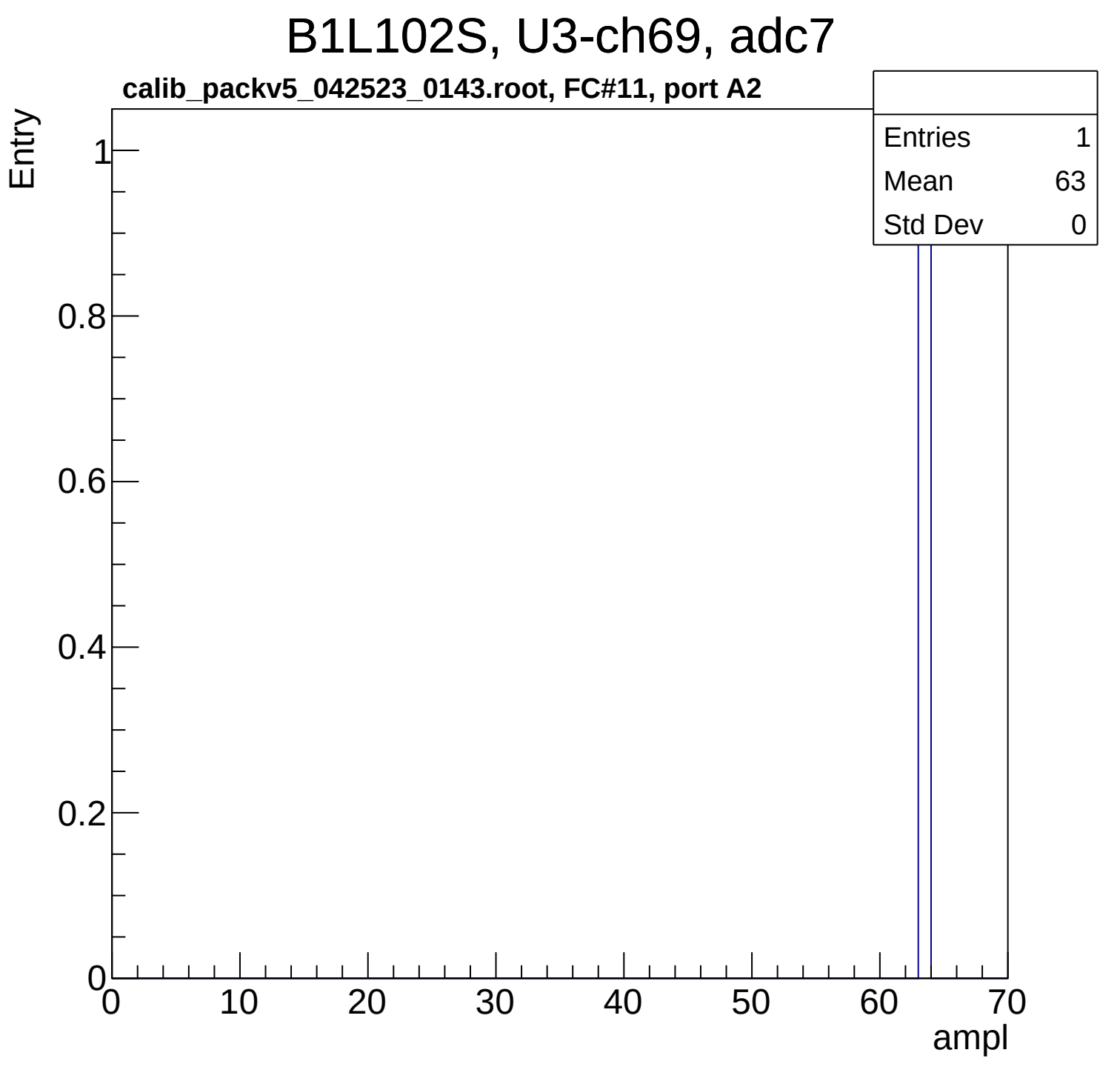
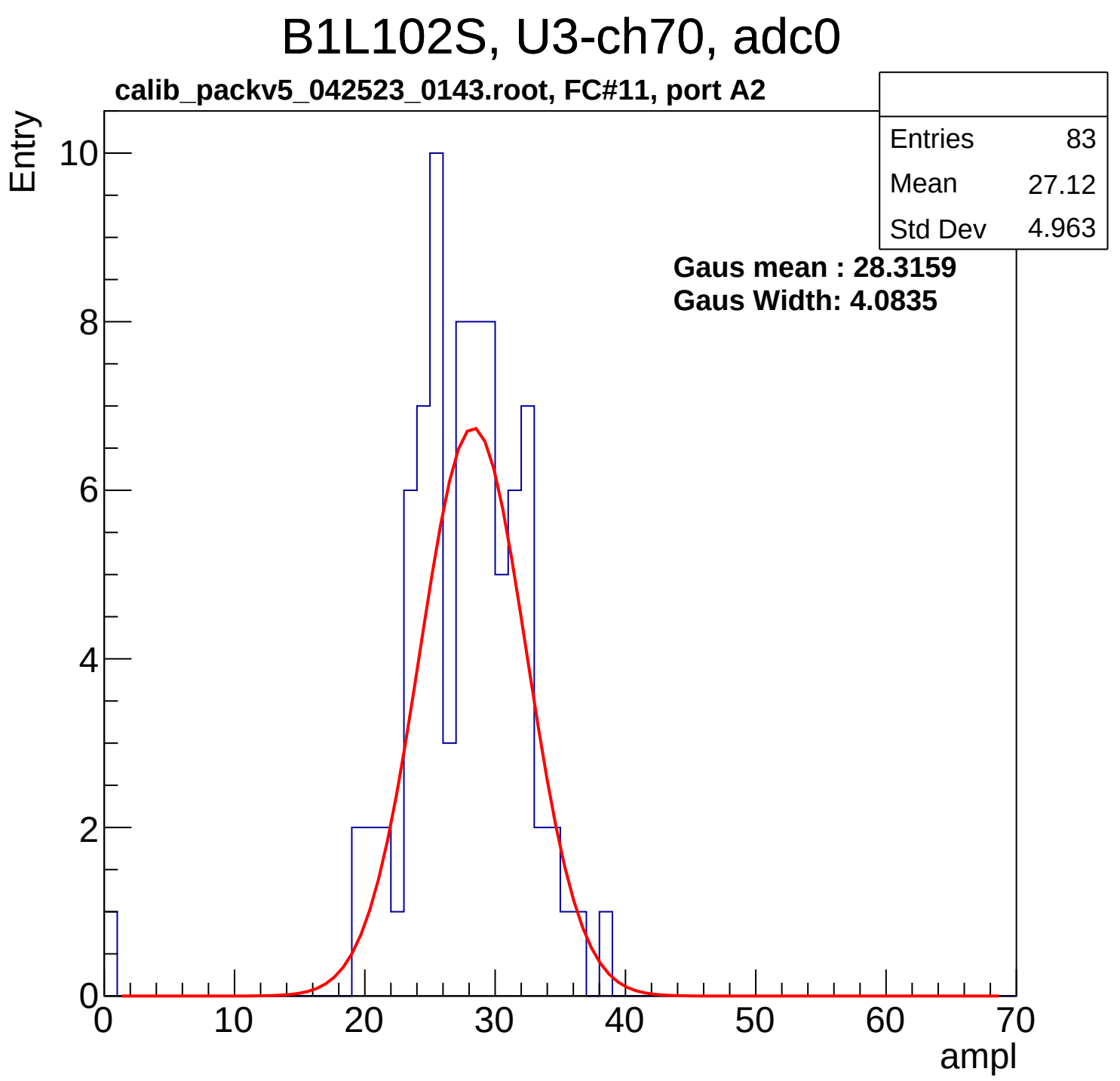
40
50
60
70


B1L102S, U3-ch69, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 19
Mean 60.11
Std Dev 2.808
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch69, 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, U3-ch70, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 83
Mean 27.12
Std Dev 4.963
Gaus mean : 28.3159
Gaus Width: 4.0835
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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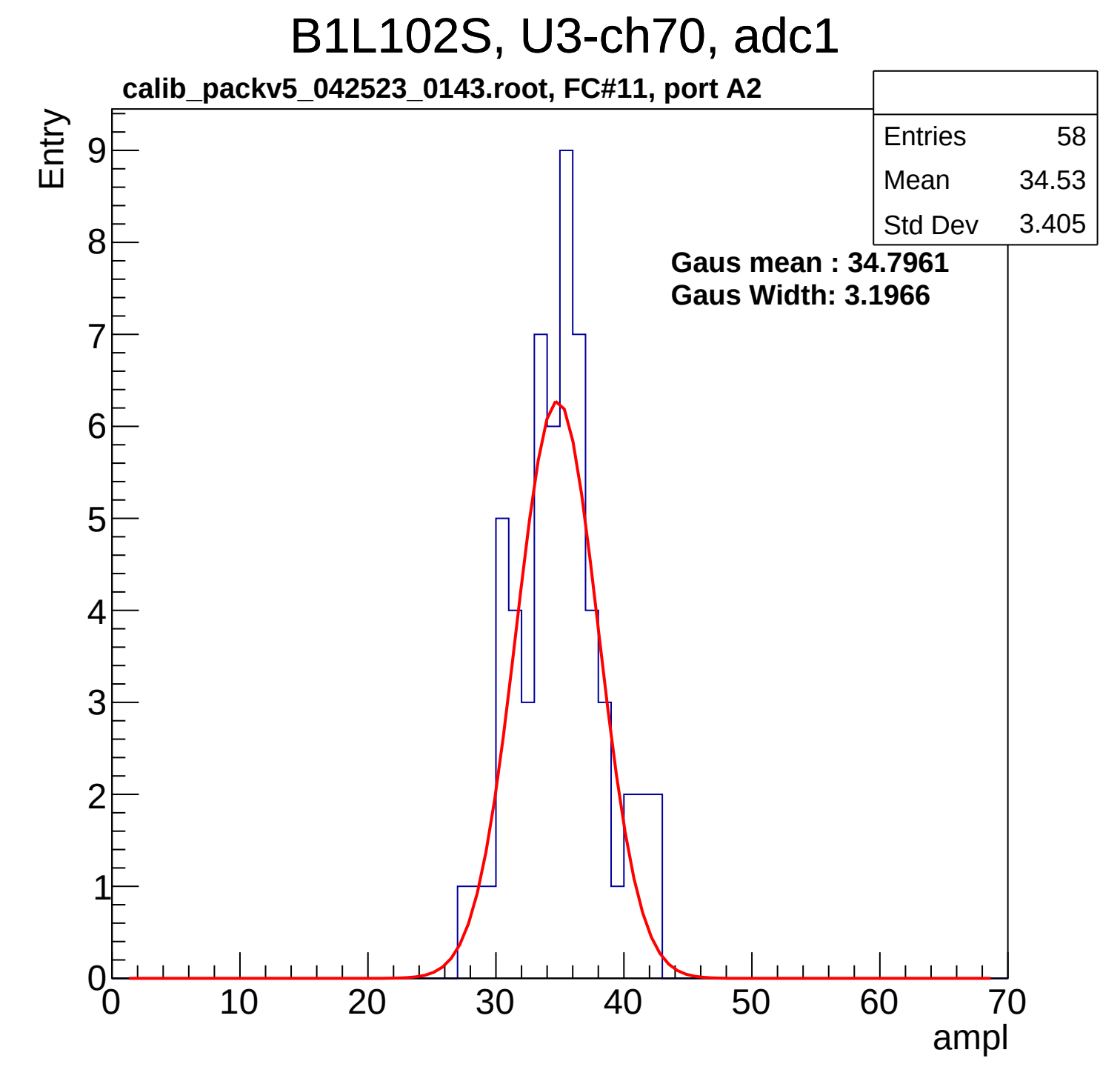
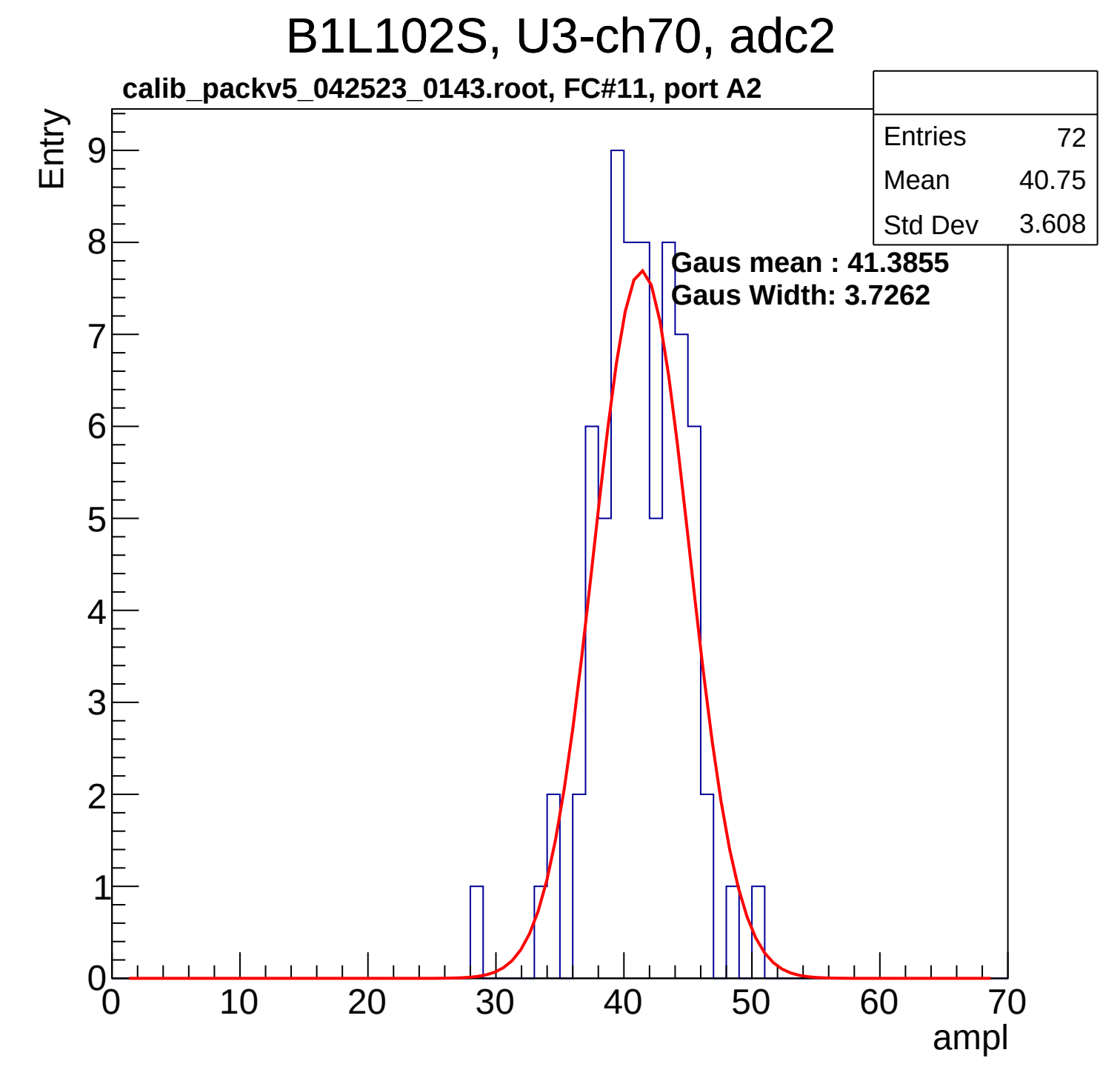
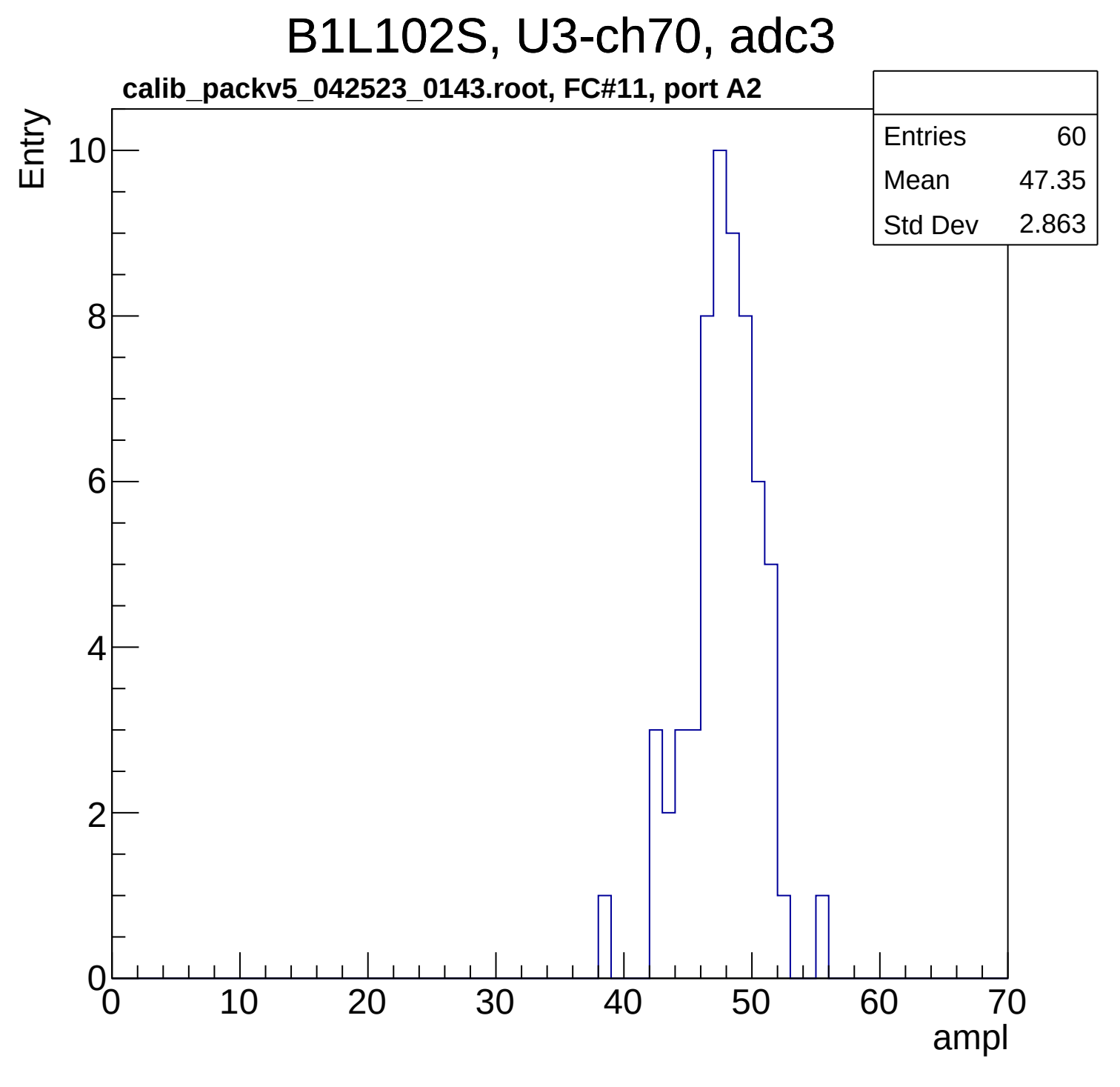
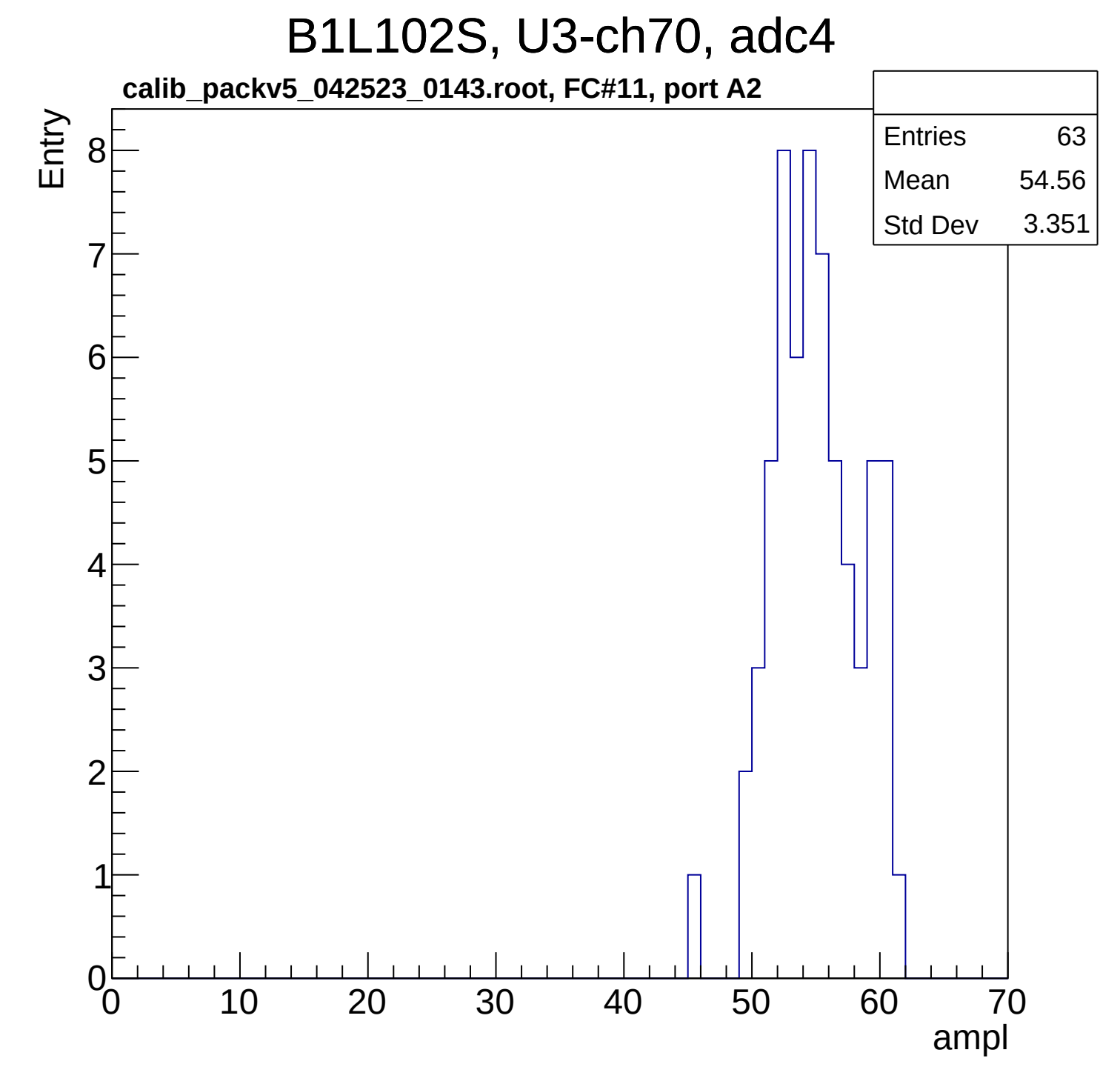
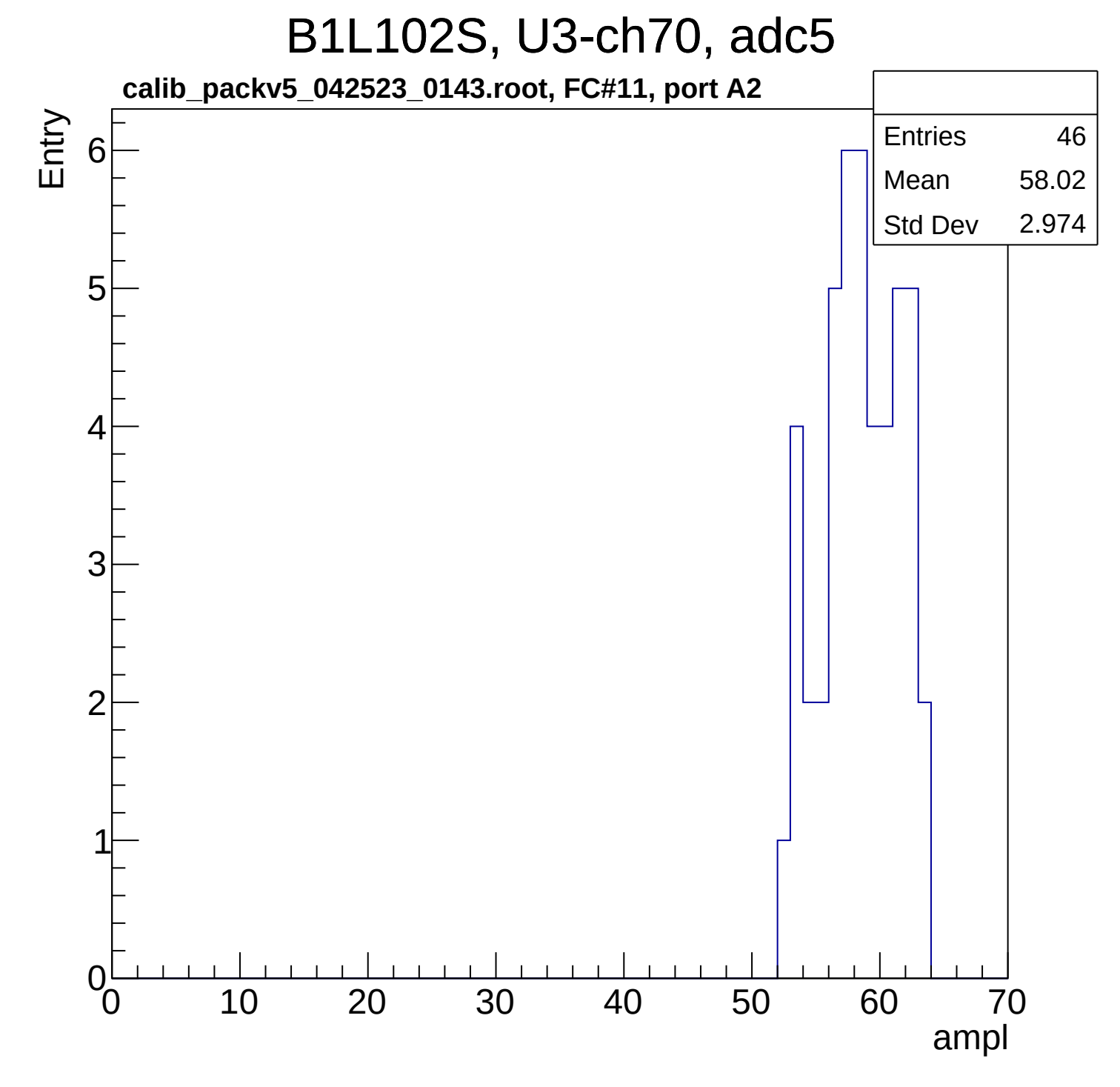
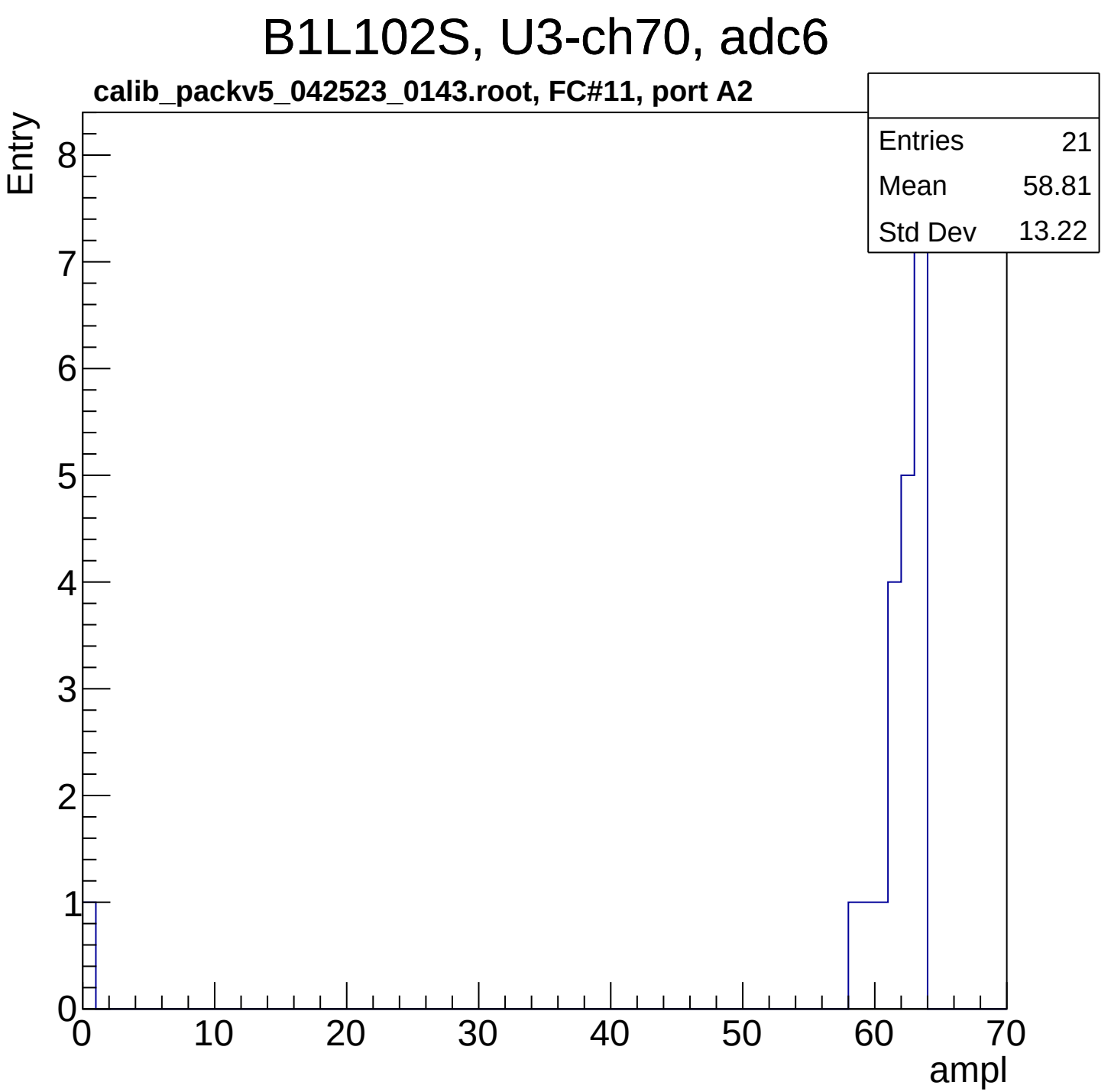

B1L102S, U3-ch70, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 34.53
Std Dev 3.405
Gaus mean : 34.7961
Gaus Width: 3.1966
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

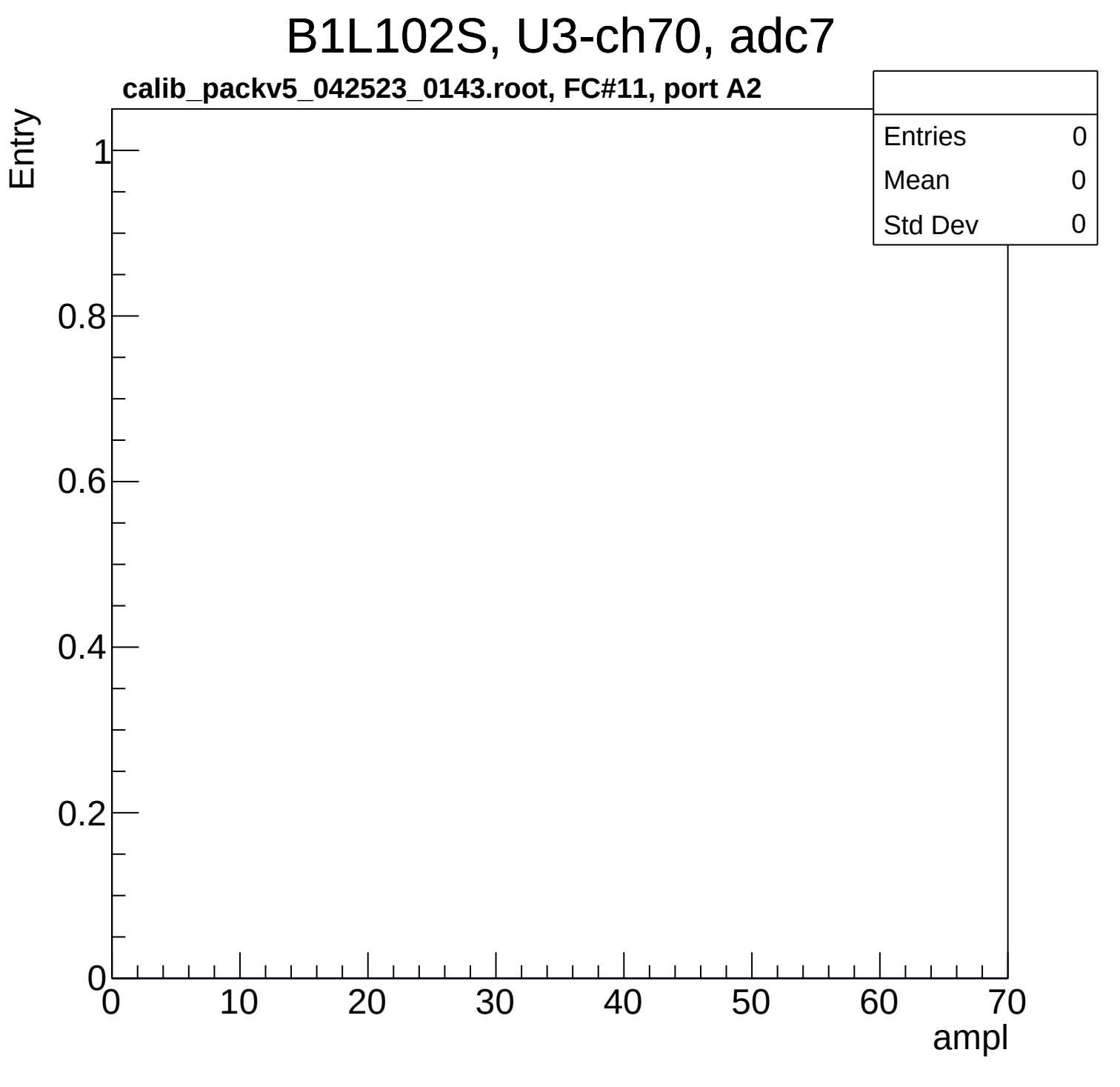

B1L102S, U3-ch70, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 40.75
Std Dev 3.608
Gaus mean : 41.3855
Gaus Width: 3.7262
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

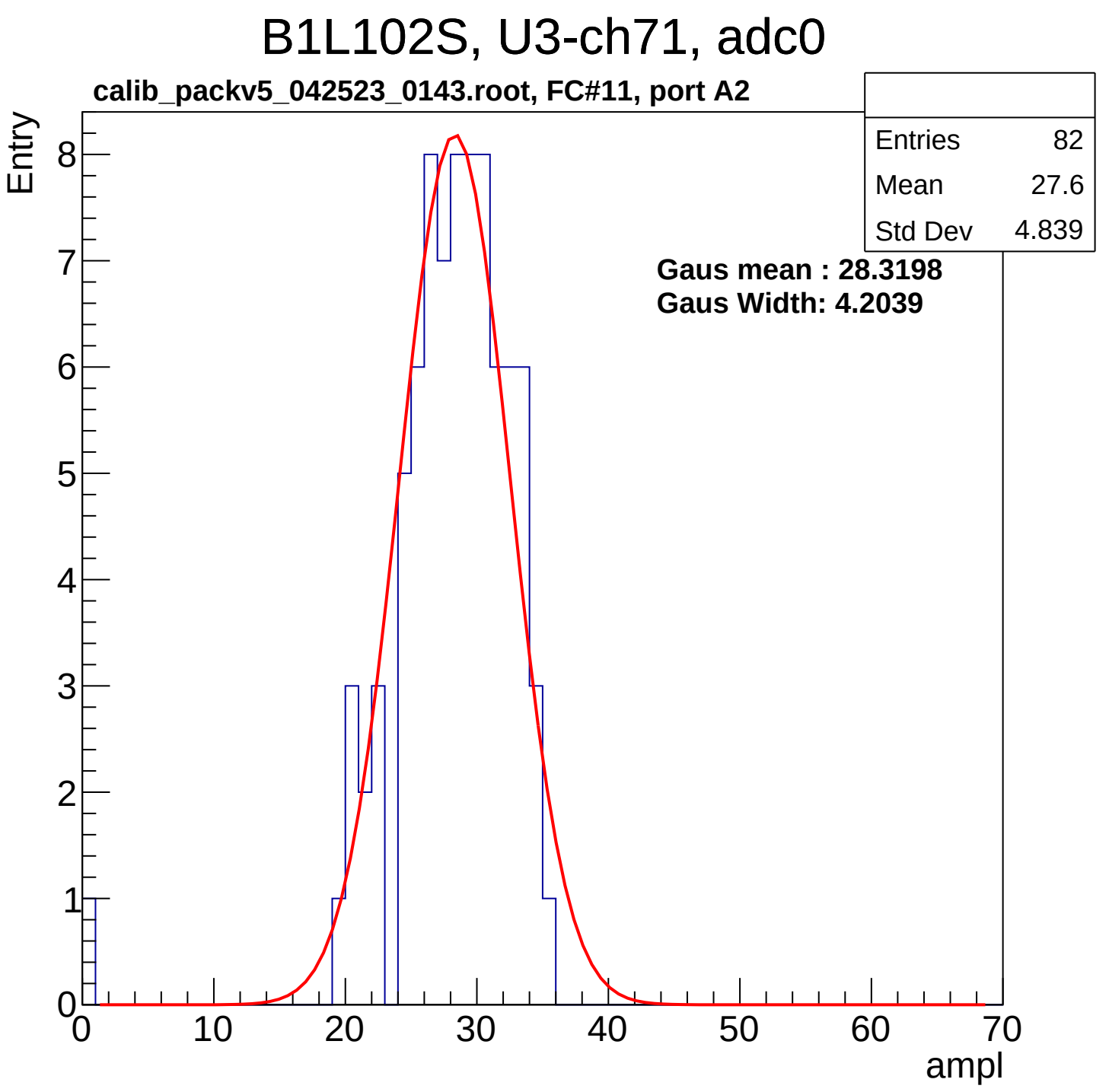

B1L102S, U3-ch70, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 47.35
Std Dev 2.863
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

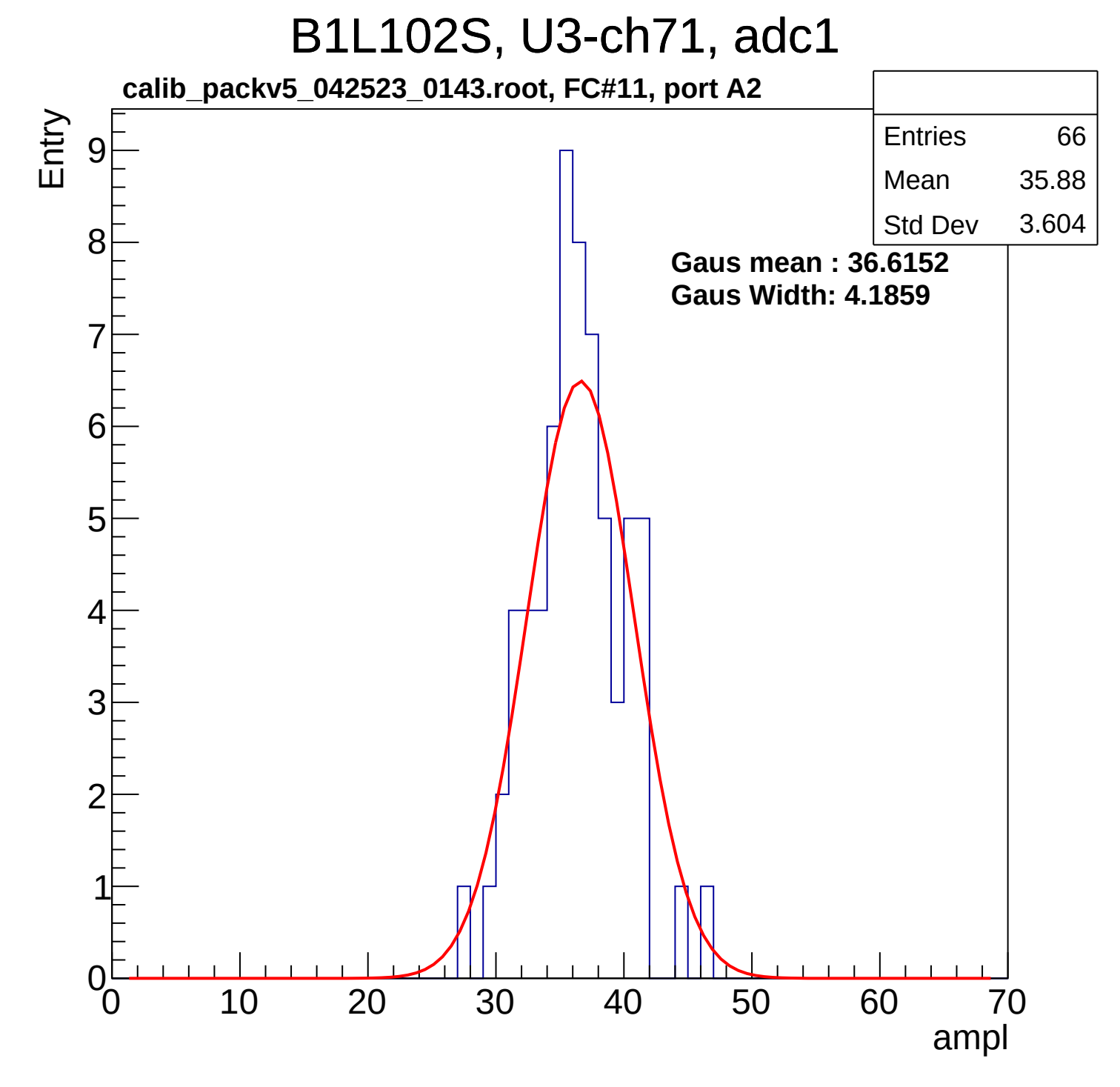

B1L102S, U3-ch70, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 54.56
Std Dev 3.351
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch70, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 58.02
Std Dev 2.974
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch70, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 21
Mean 58.81
Std Dev 13.22
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch70, 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, U3-ch71, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 27.6
Std Dev 4.839
Gaus mean : 28.3198
Gaus Width: 4.2039
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch71, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 35.88
Std Dev 3.604
Gaus mean : 36.6152
Gaus Width: 4.1859
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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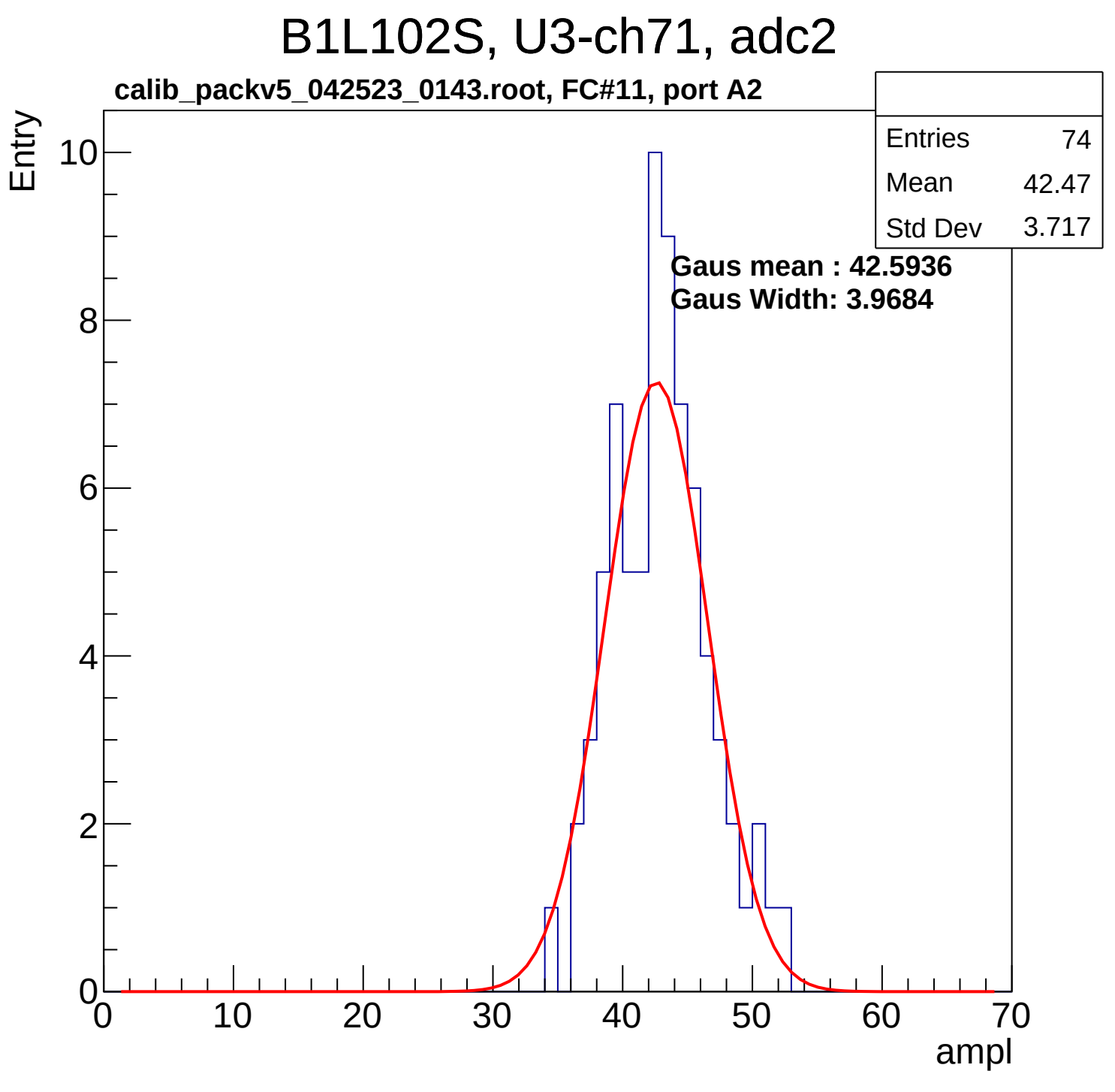
B1L102S, U3-ch71, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 42.47
Std Dev 3.717
Gaus mean : 42.5936
Gaus Width: 3.9684
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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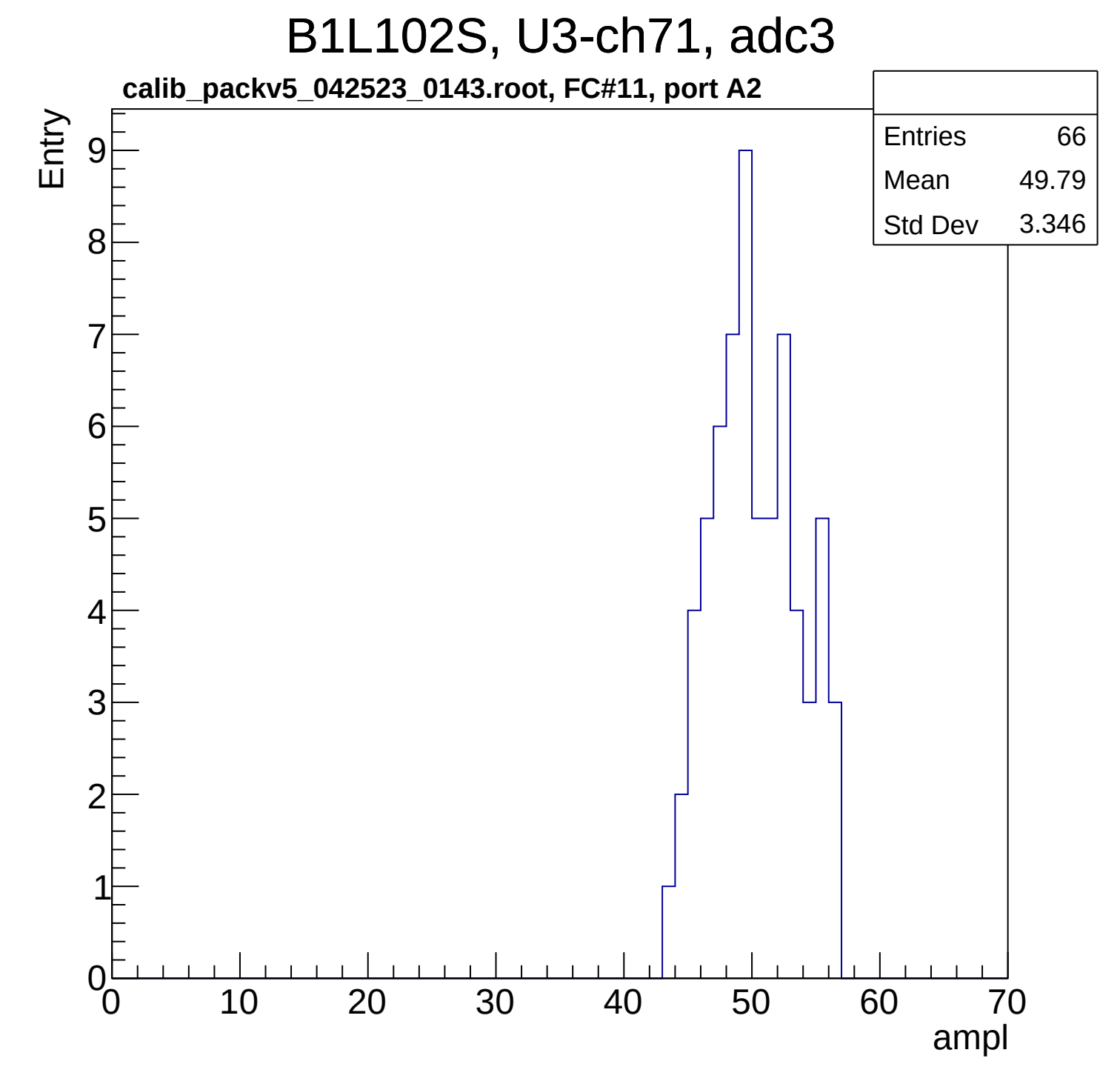
B1L102S, U3-ch71, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 49.79
Std Dev 3.346
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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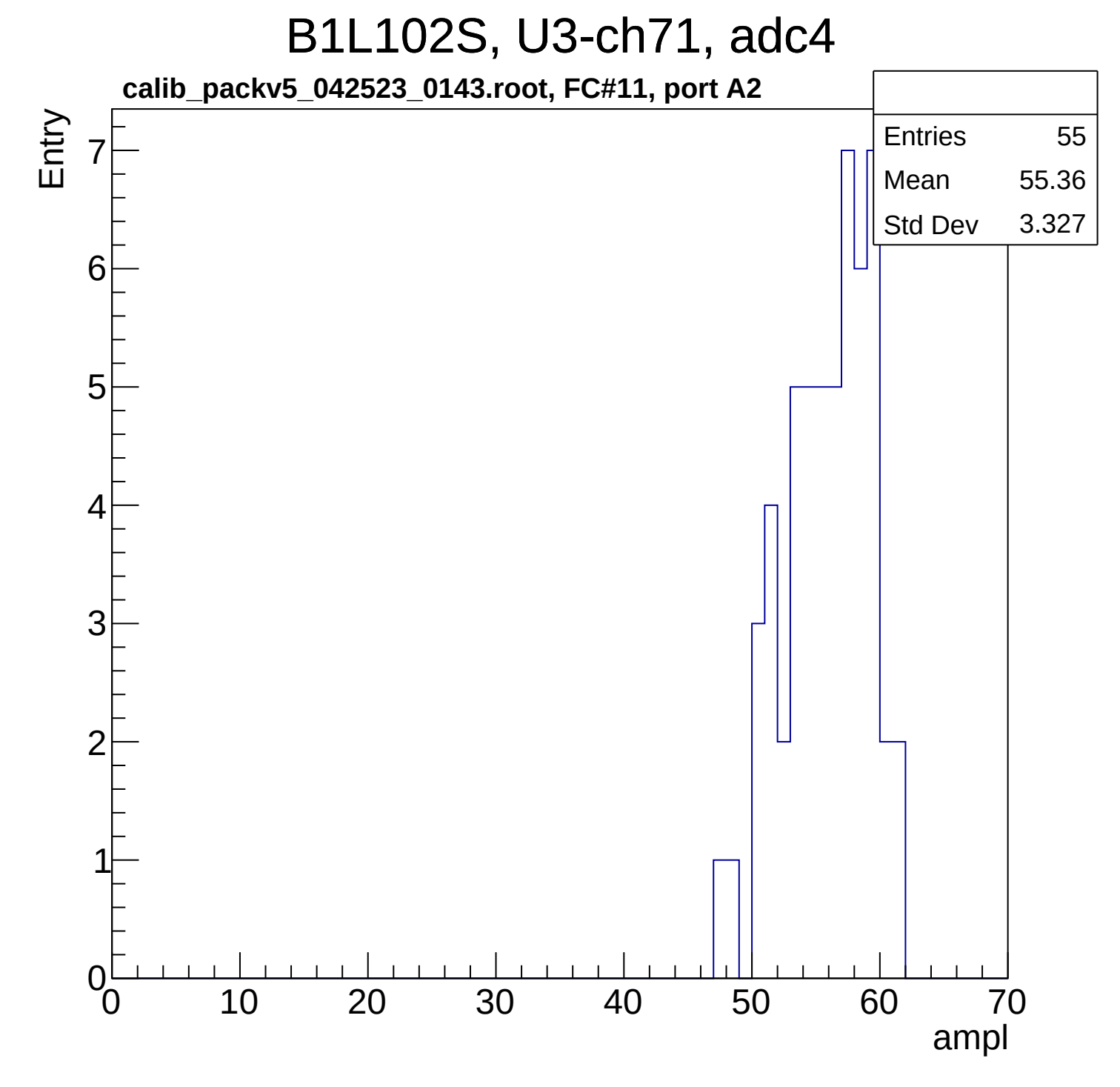
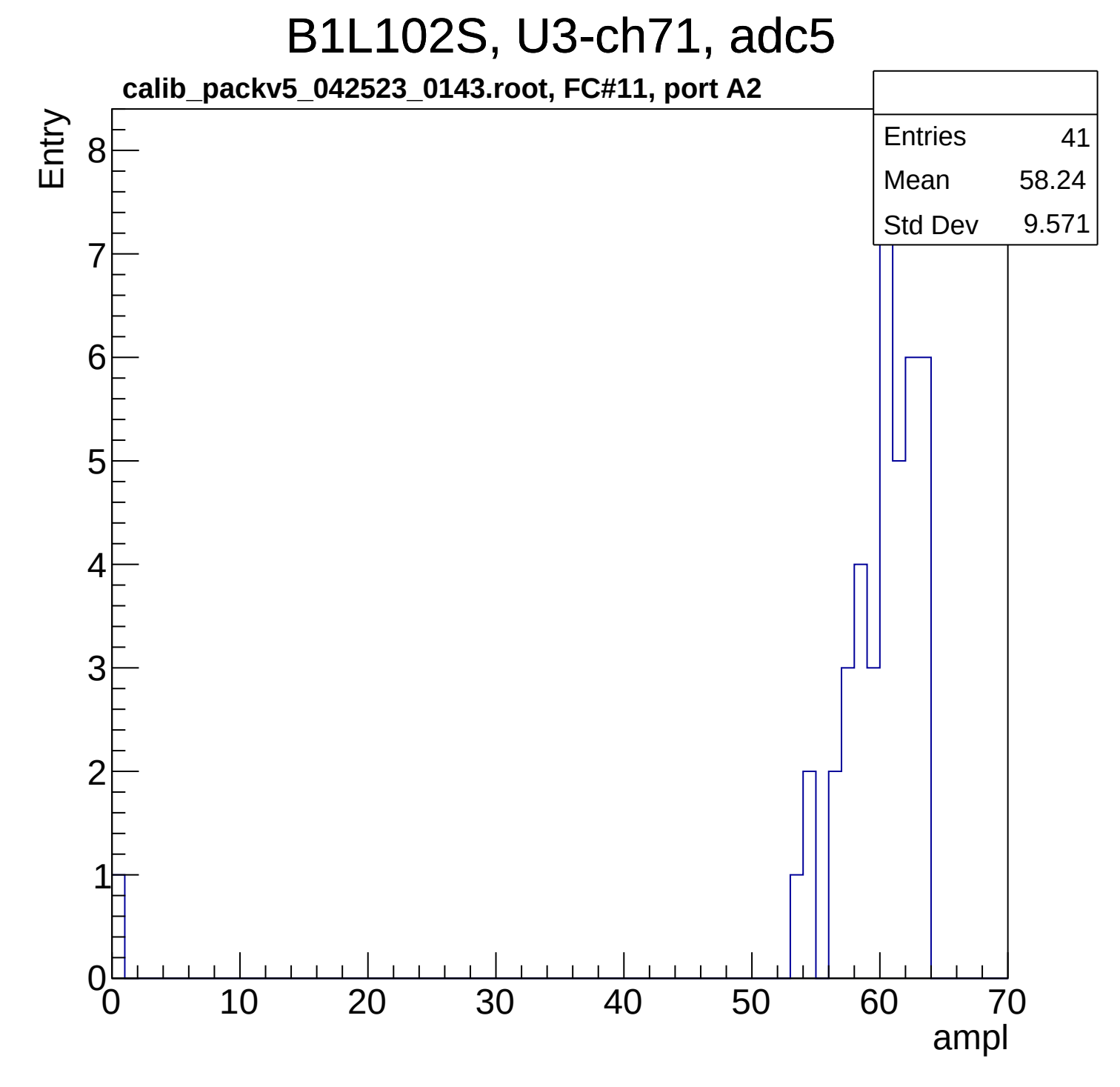
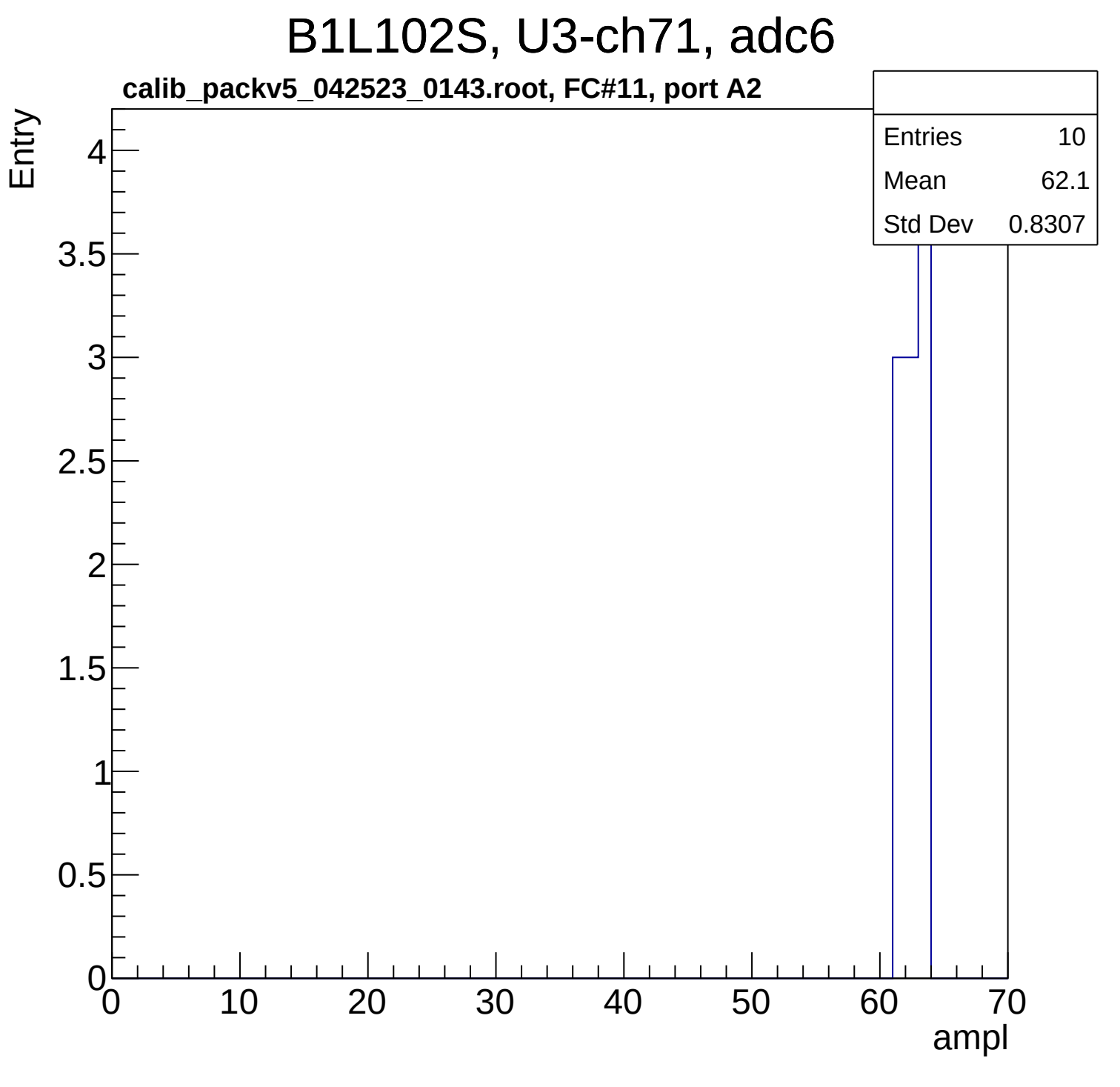

B1L102S, U3-ch71, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 55.36
Std Dev 3.327
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch71, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 58.24
Std Dev 9.571
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch71, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 62.1
Std Dev 0.8307
Entry
ampl
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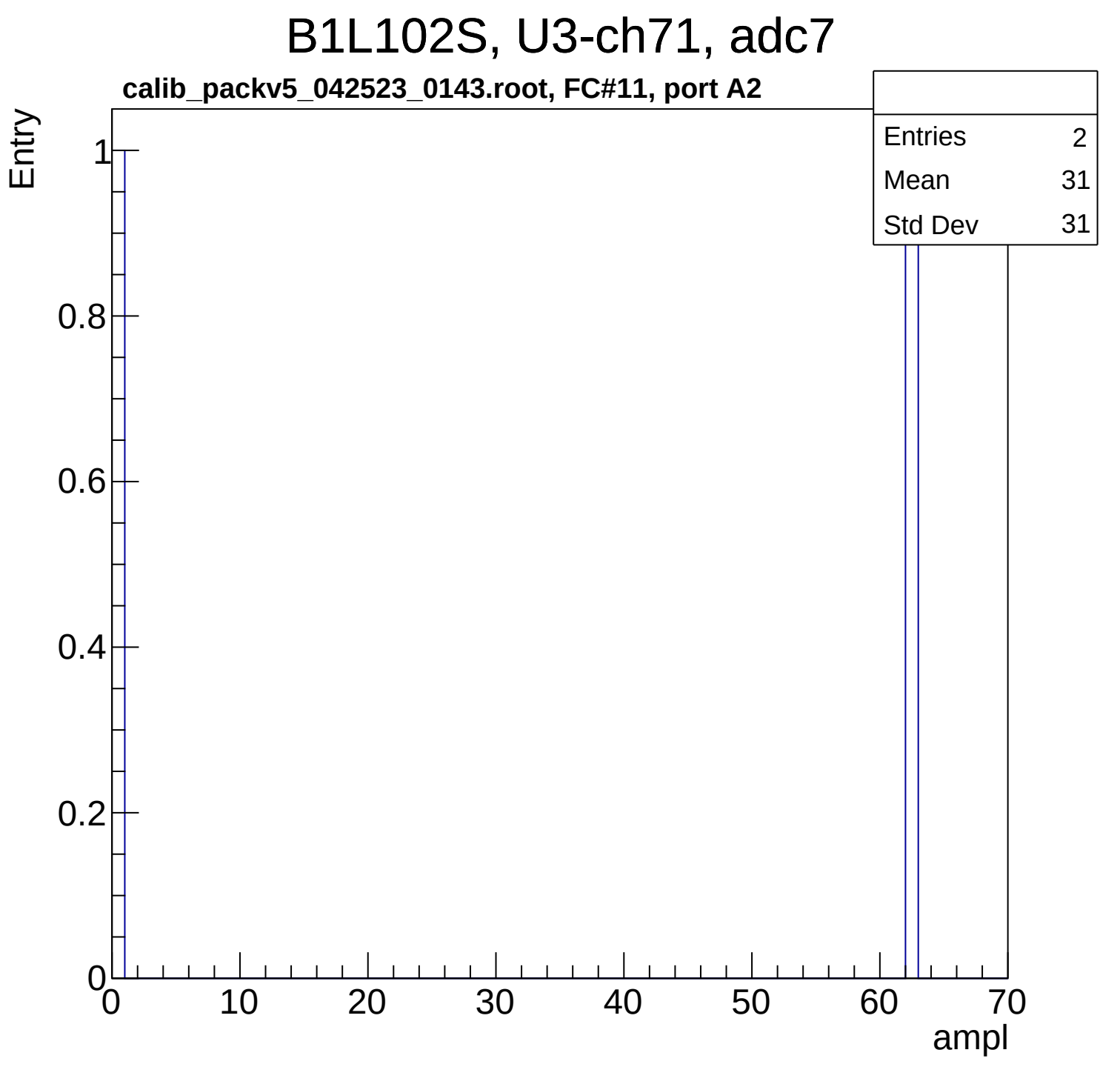
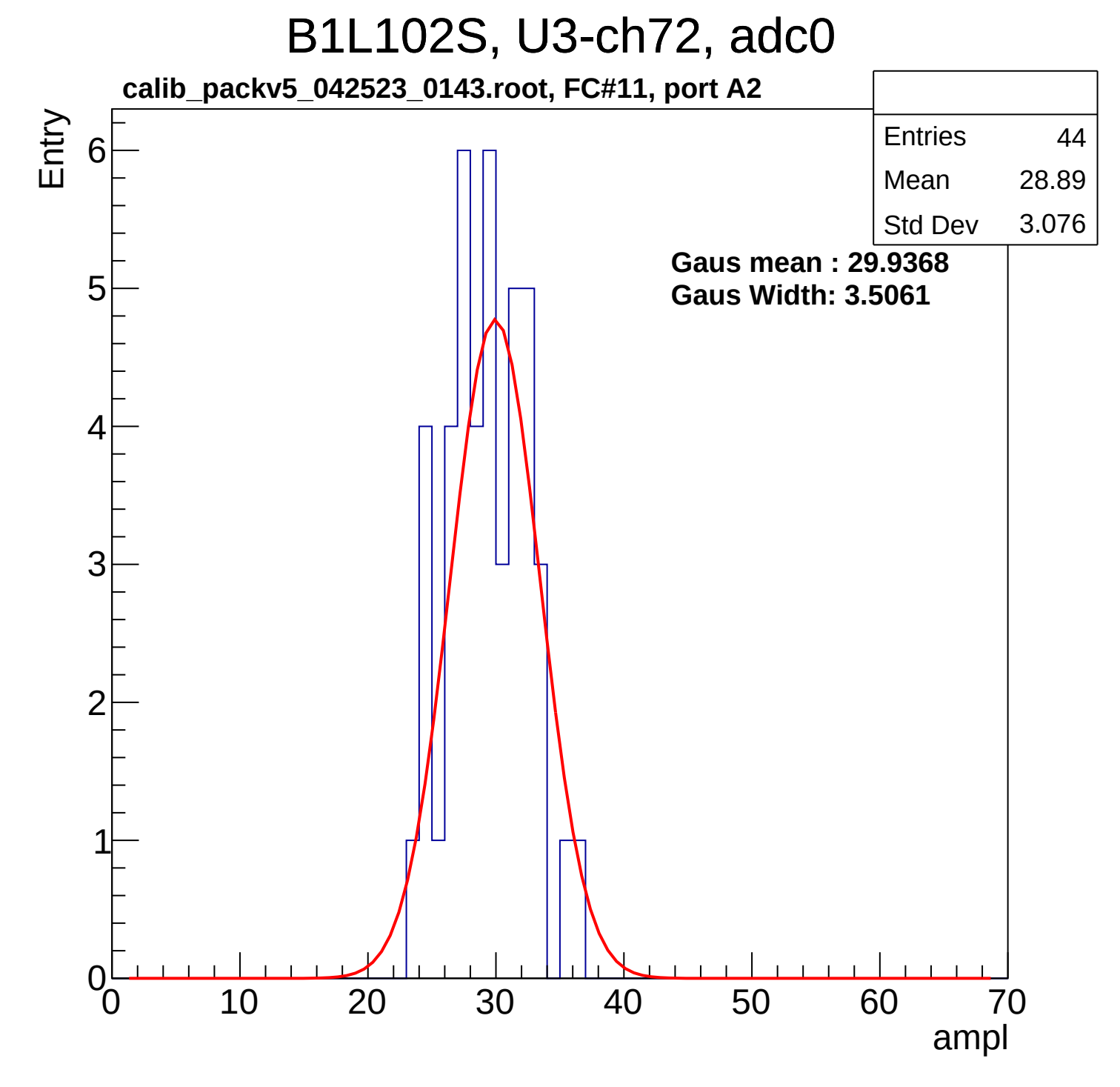
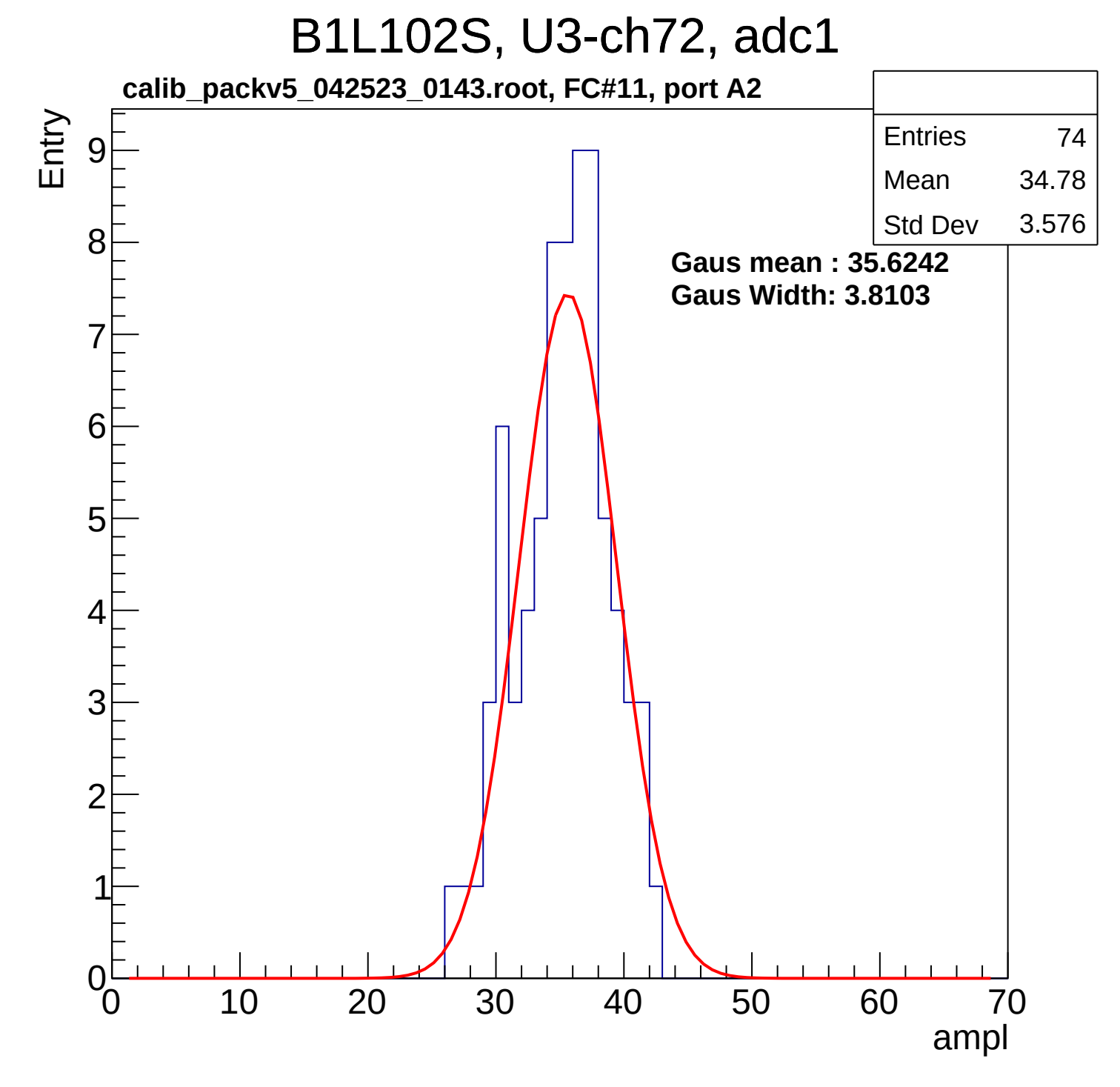
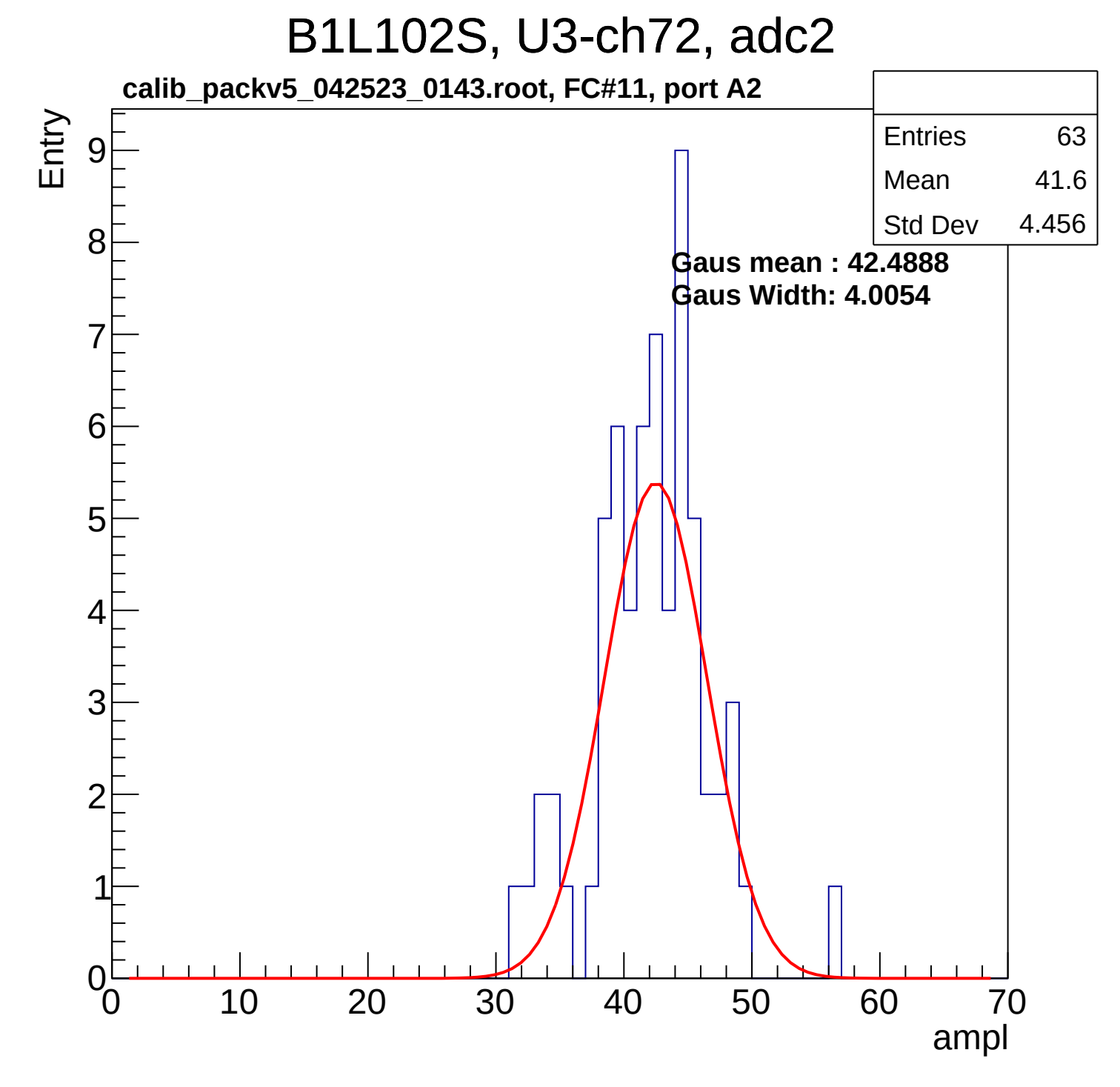
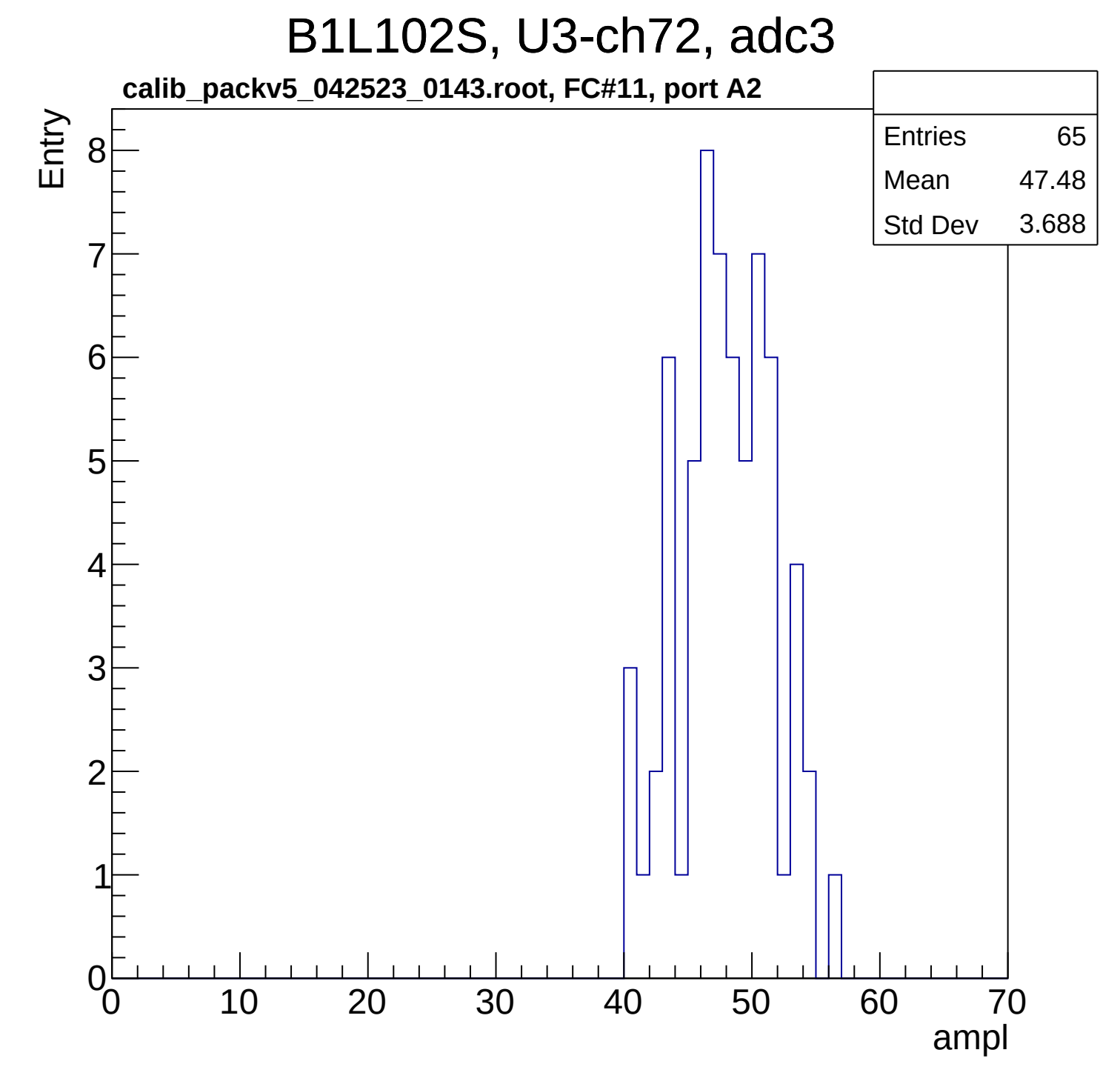
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch71, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch72, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 28.89
Std Dev 3.076
Gaus mean : 29.9368
Gaus Width: 3.5061
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch72, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 34.78
Std Dev 3.576
Gaus mean : 35.6242
Gaus Width: 3.8103
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U3-ch72, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 41.6
Std Dev 4.456
Gaus mean : 42.4888
Gaus Width: 4.0054
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch72, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 47.48
Std Dev 3.688
Entry
ampl
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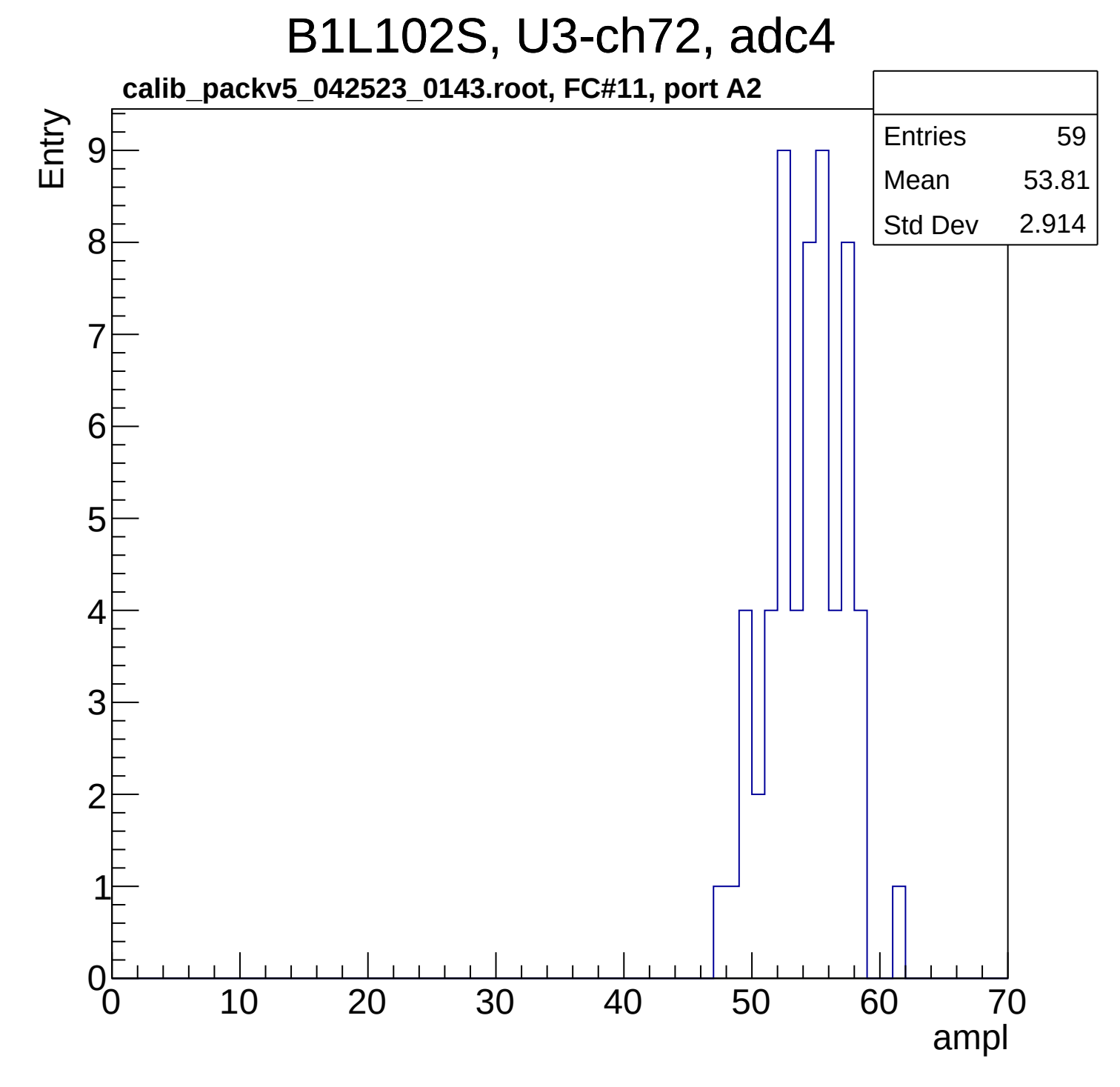
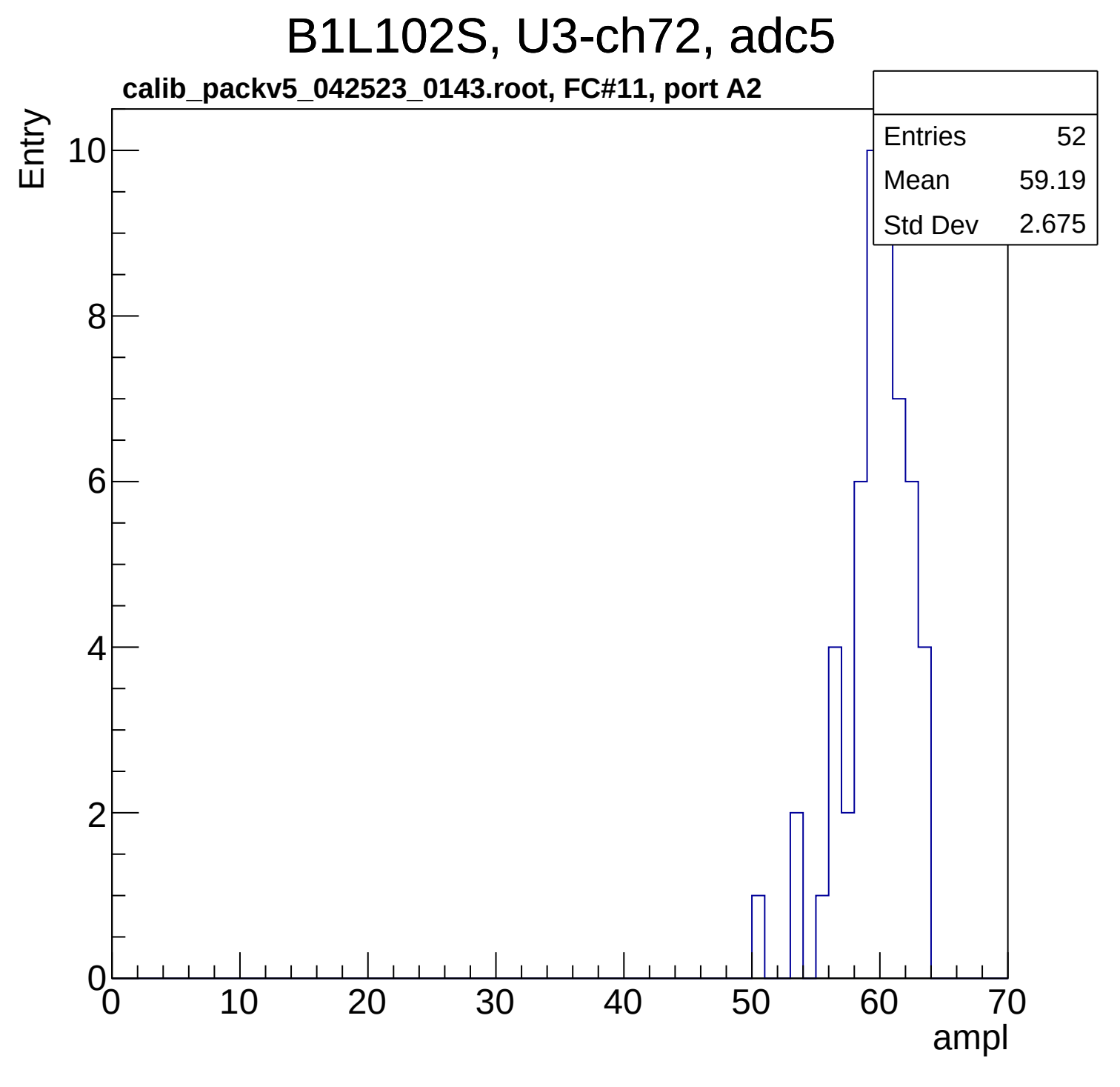
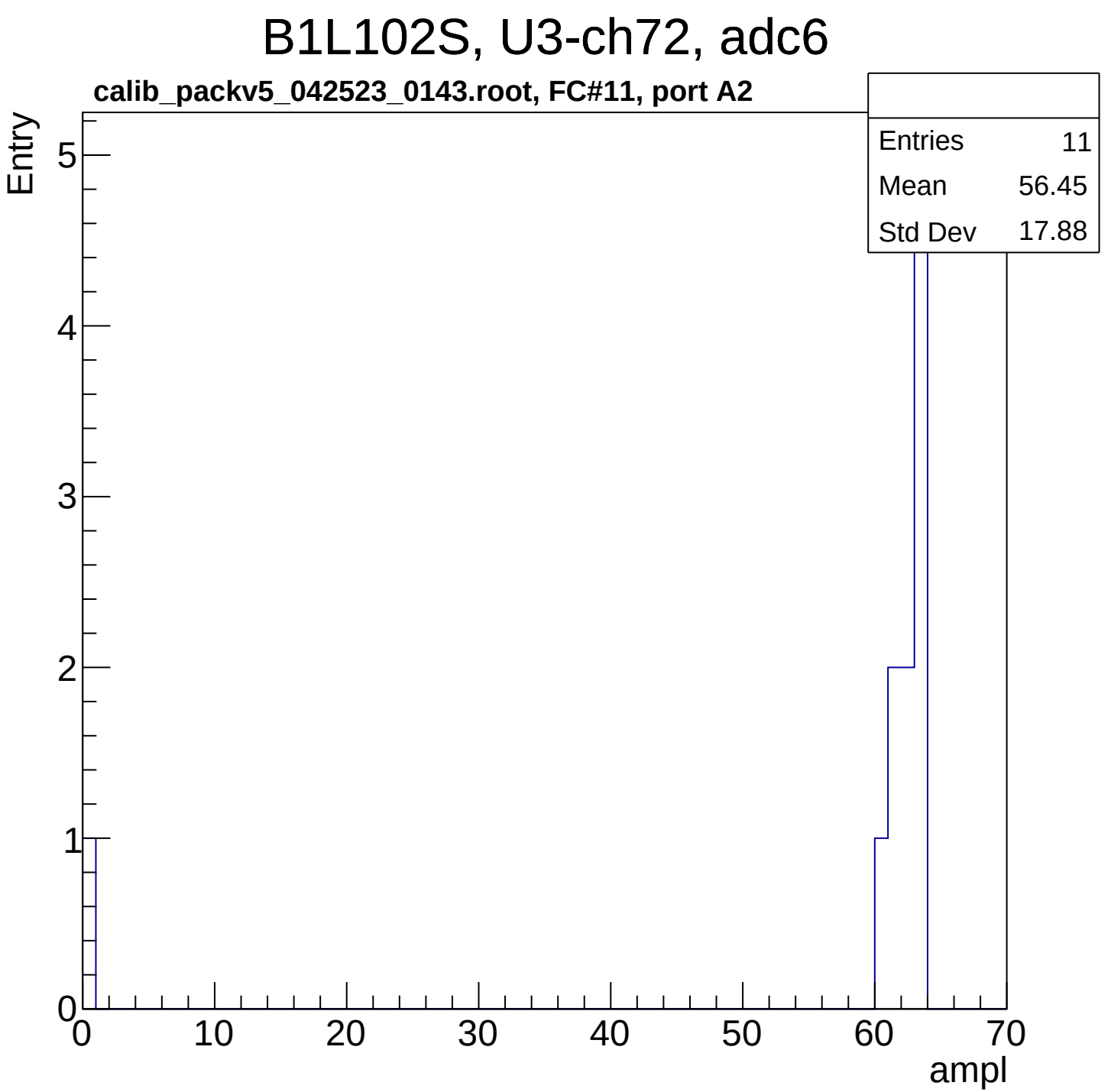
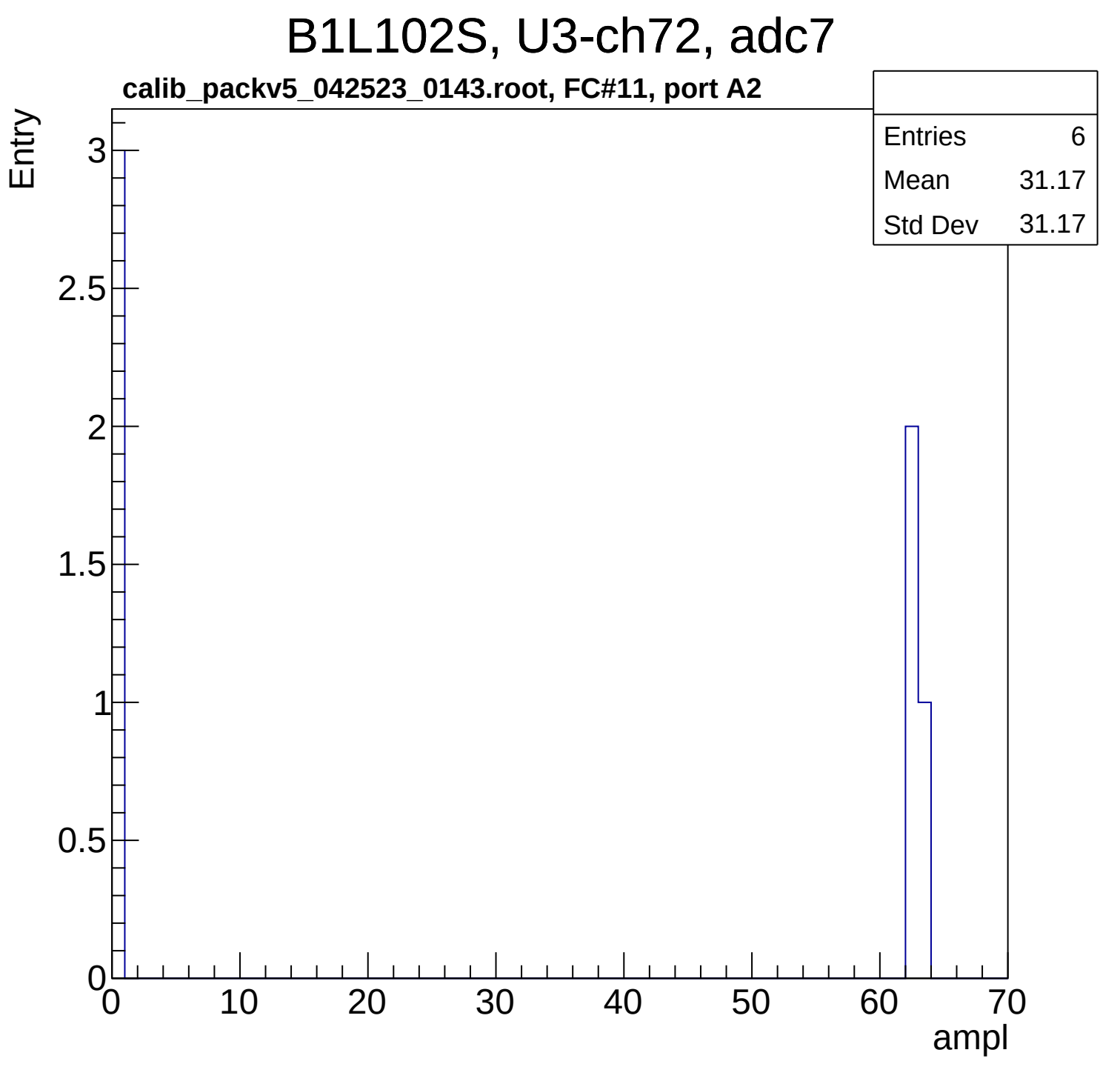
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch72, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 53.81
Std Dev 2.914
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch72, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 59.19
Std Dev 2.675
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch72, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 56.45
Std Dev 17.88
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch72, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 31.17
Std Dev 31.17
Entry
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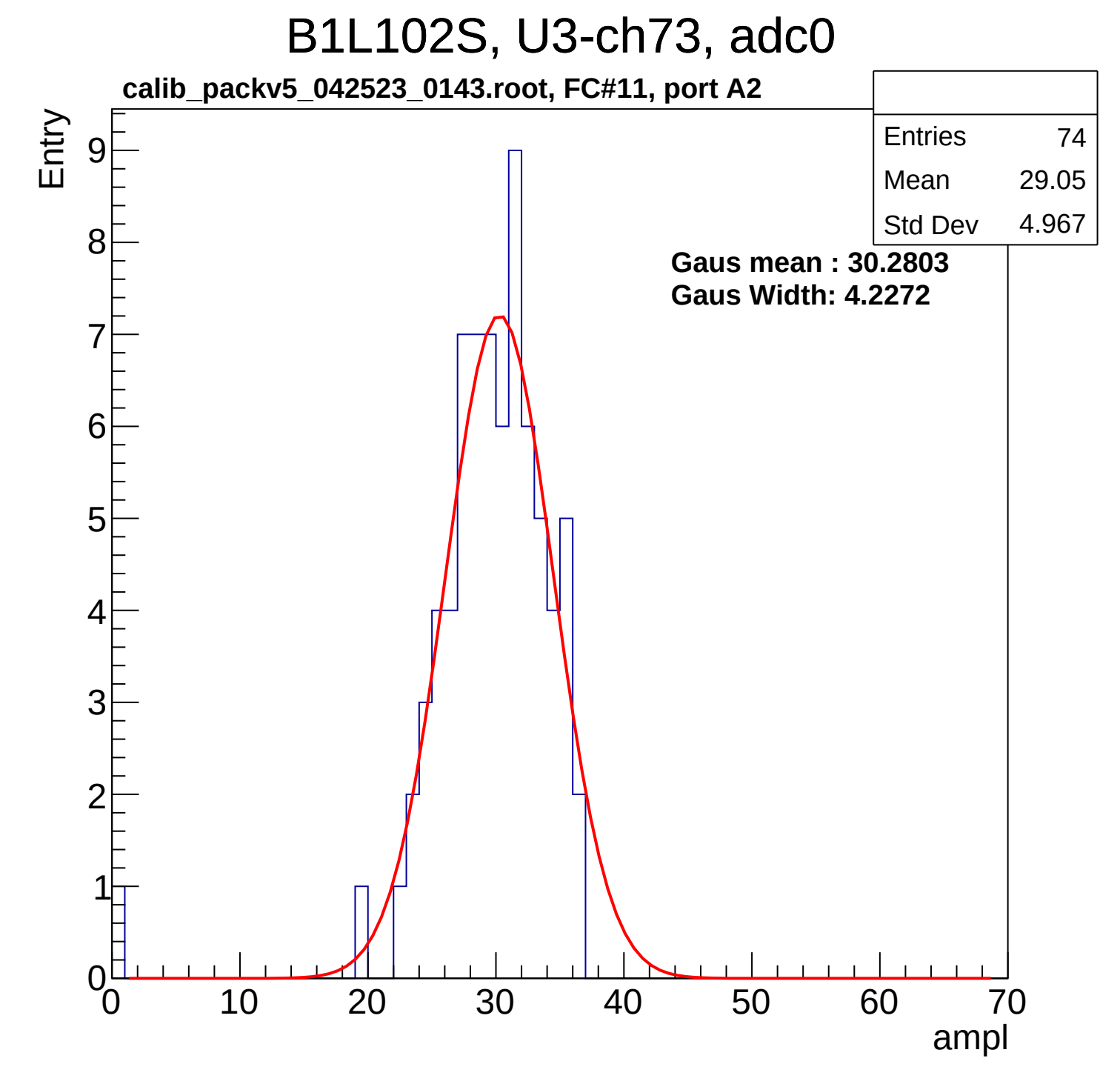
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch73, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 29.05
Std Dev 4.967
Gaus mean : 30.2803
Gaus Width: 4.2272
Entry
ampl
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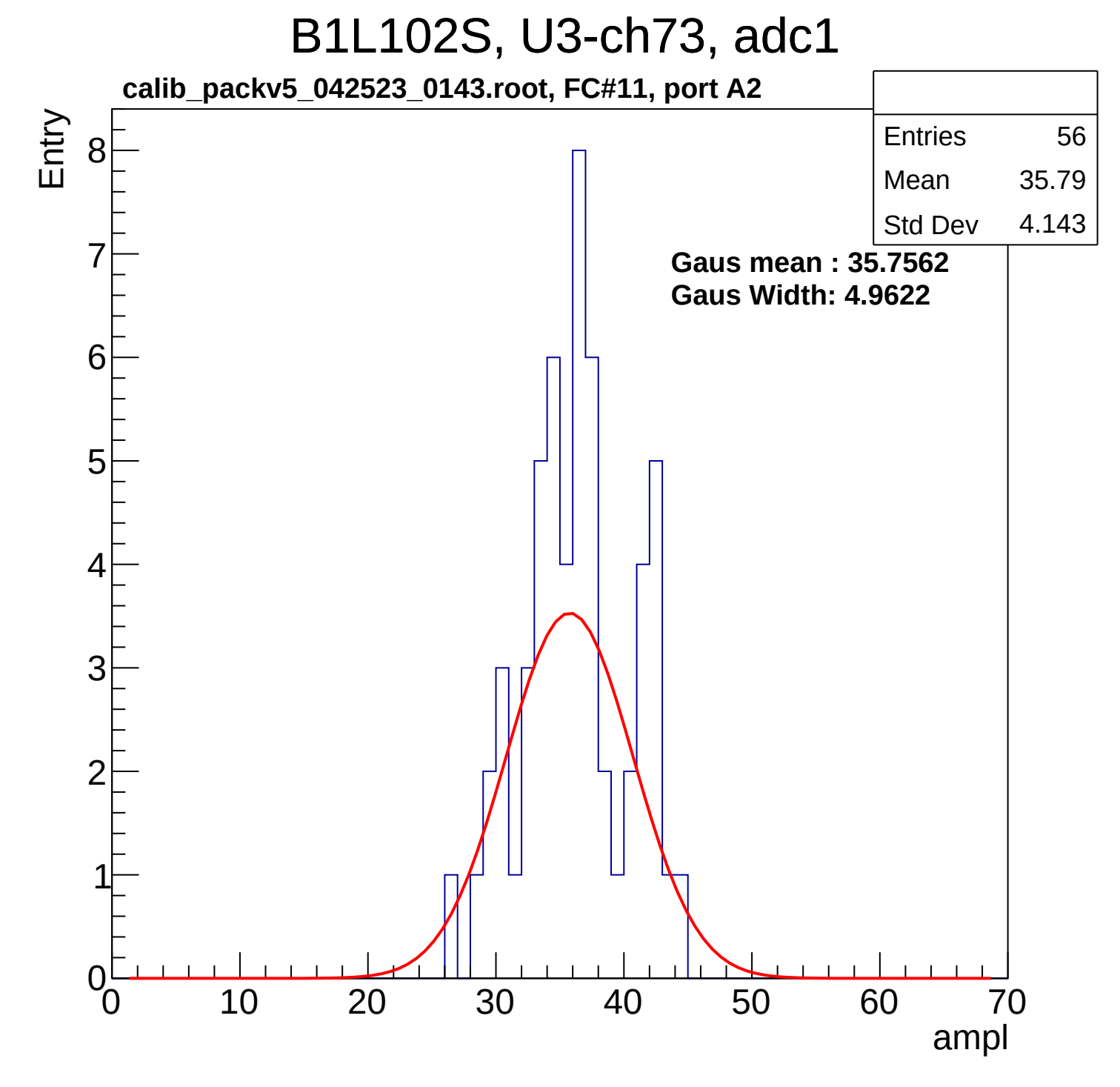
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U3-ch73, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 35.79
Std Dev 4.143
Gaus mean : 35.7562
Gaus Width: 4.9622
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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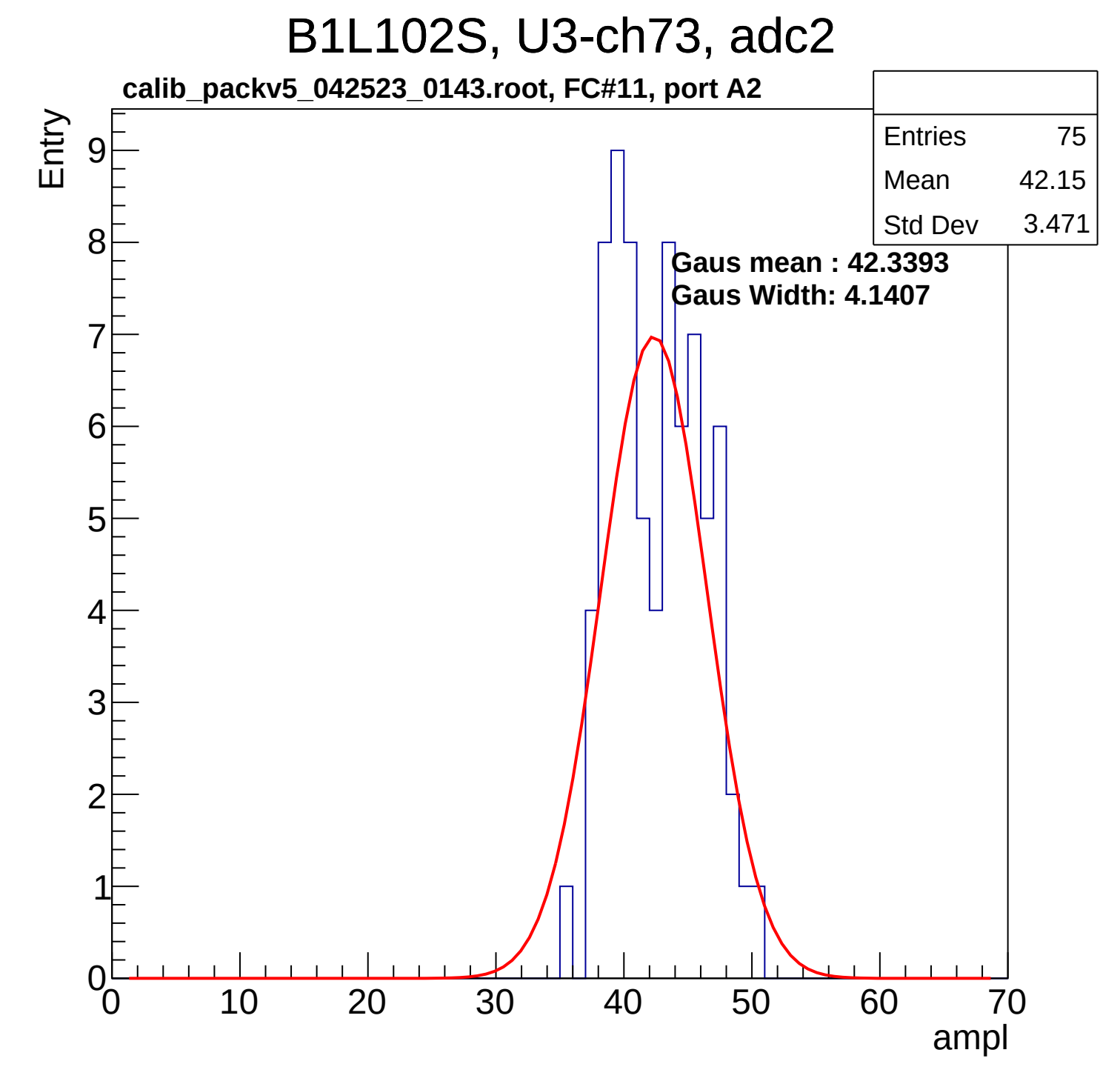
B1L102S, U3-ch73, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 42.15
Std Dev 3.471
Gaus mean : 42.3393
Gaus Width: 4.1407
Entry
ampl
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3
4
5
6
7
8
9
0
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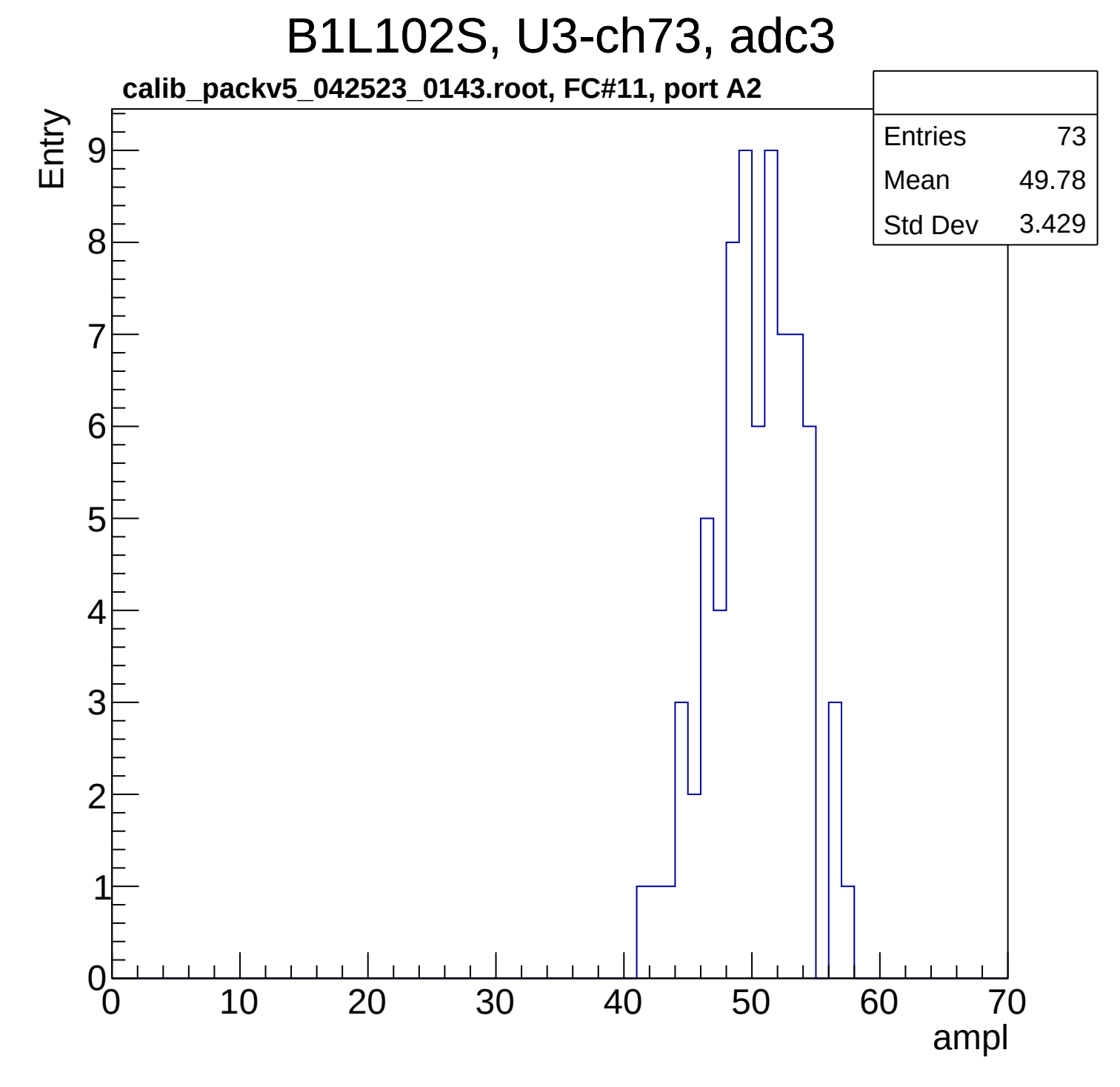
B1L102S, U3-ch73, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 49.78
Std Dev 3.429
Entry
ampl
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3
4
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6
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0
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60
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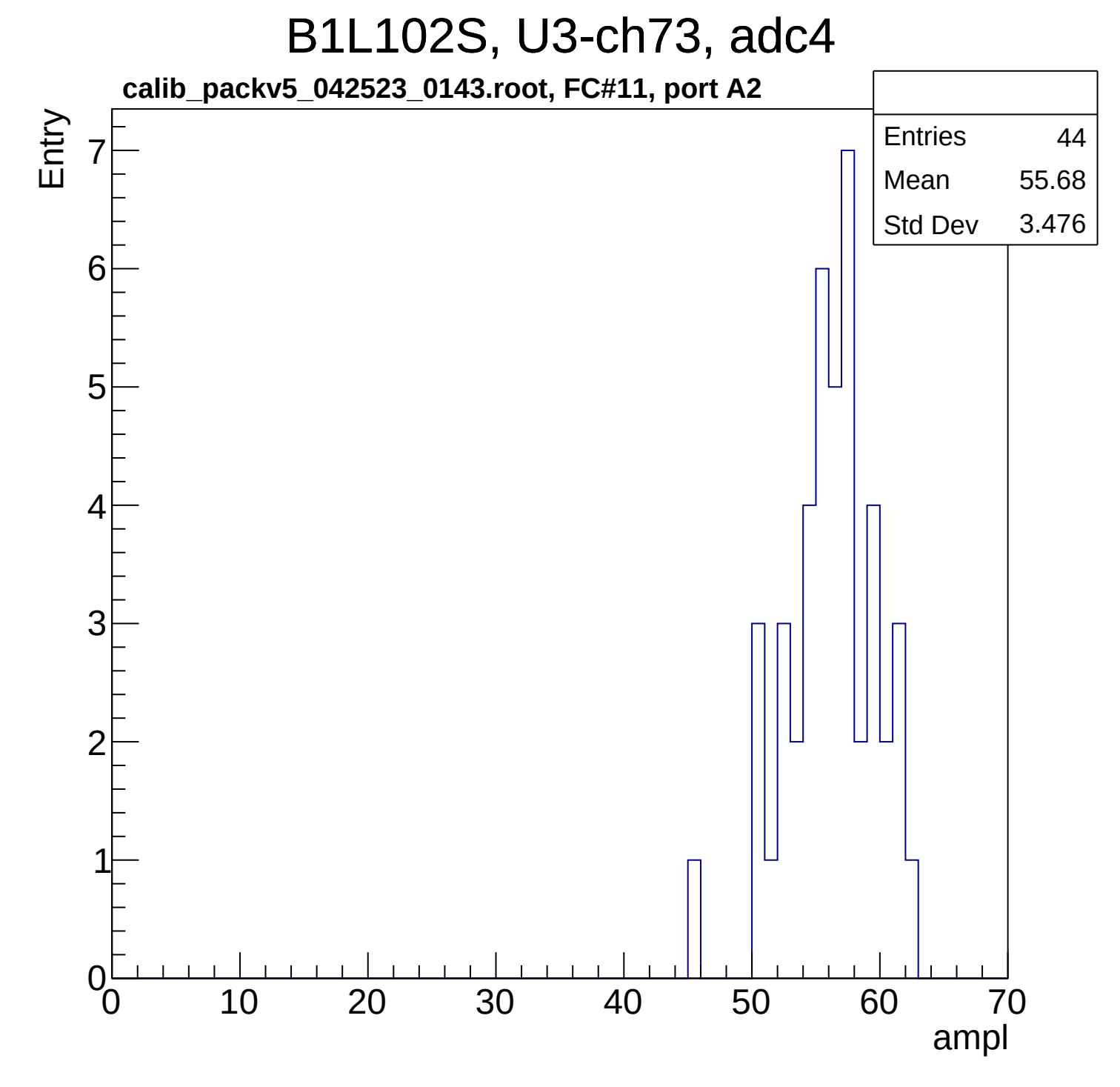
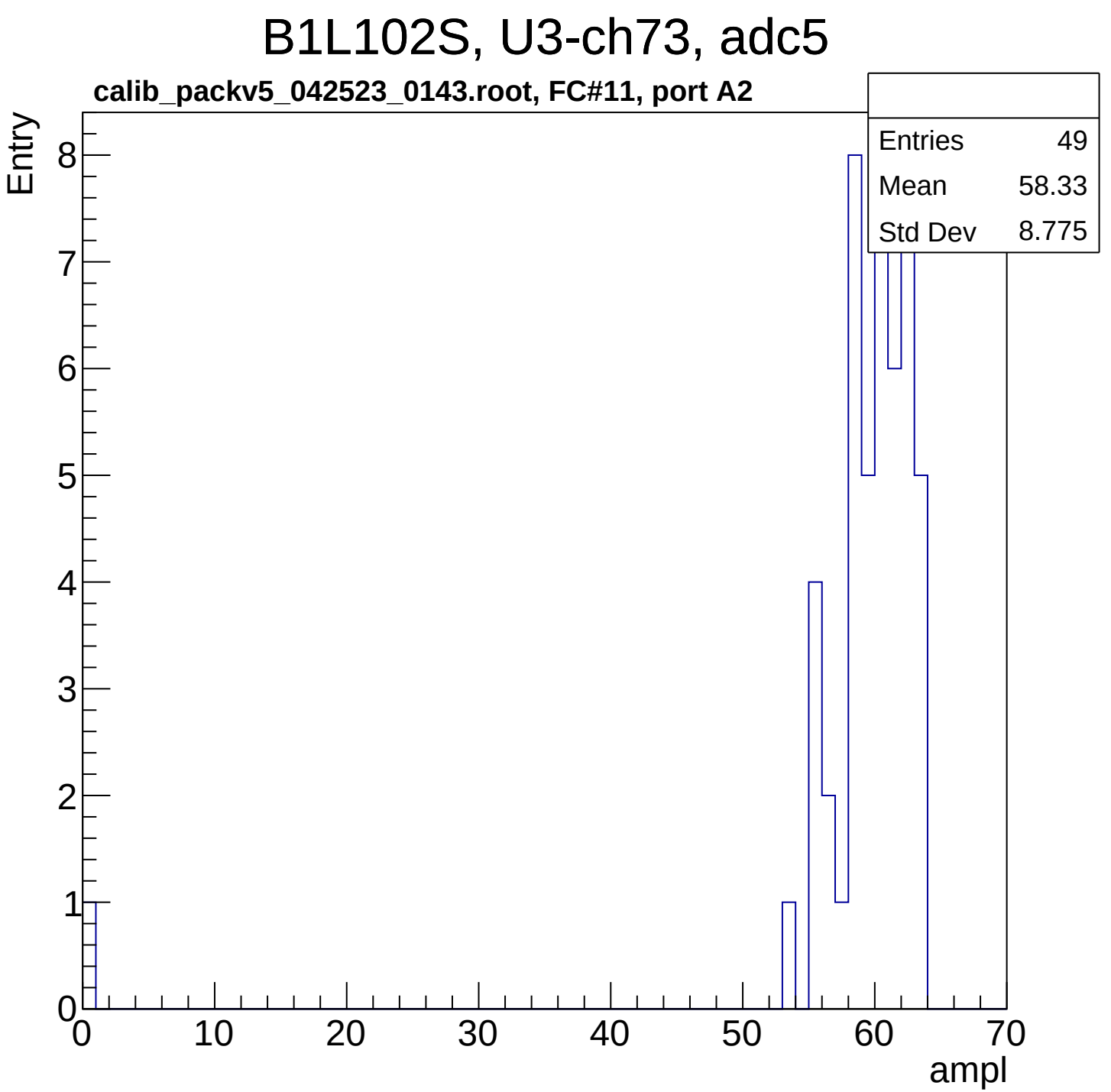

B1L102S, U3-ch73, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 55.68
Std Dev 3.476
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch73, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 58.33
Std Dev 8.775
Entry
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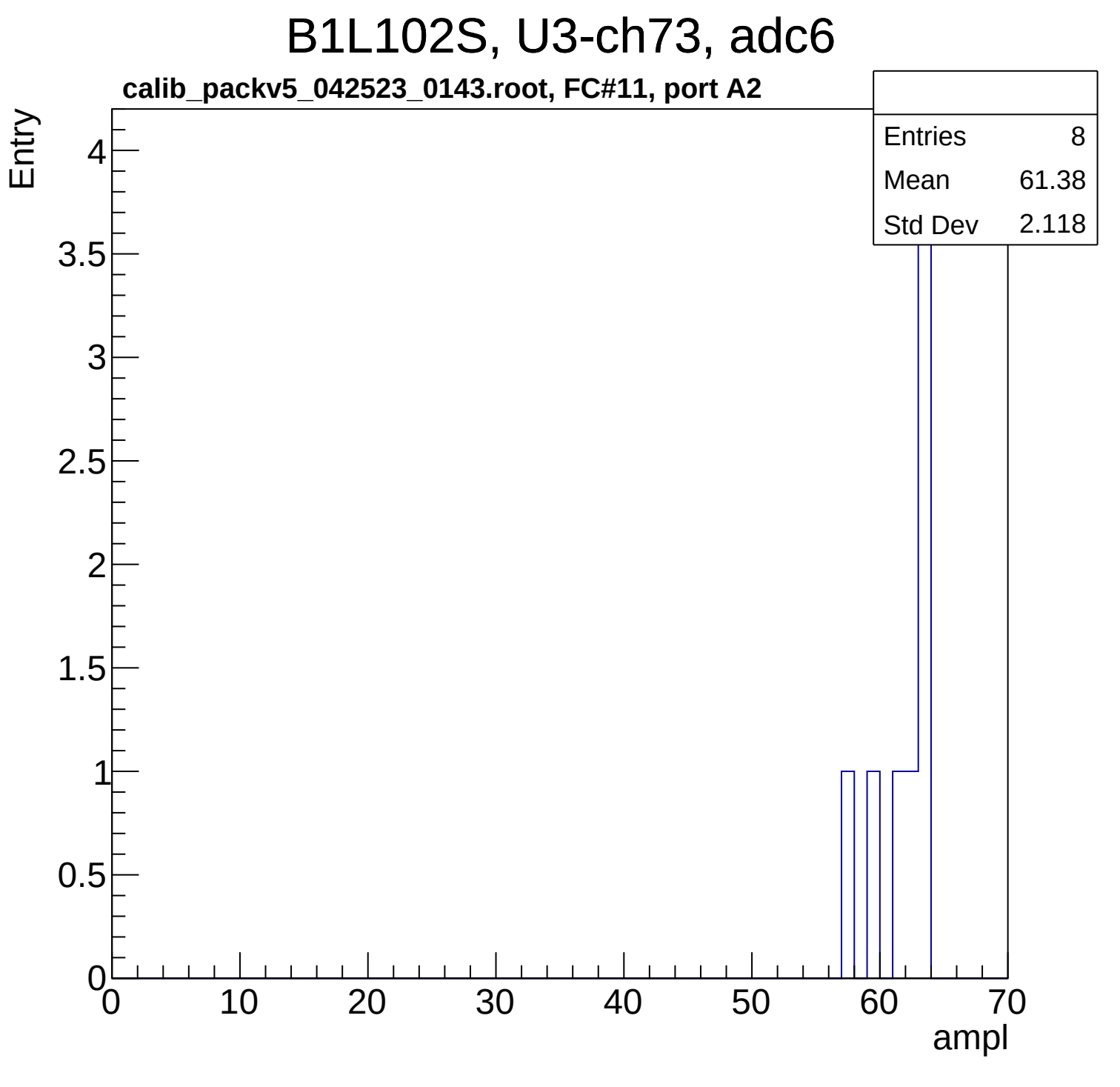
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch73, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 61.38
Std Dev 2.118
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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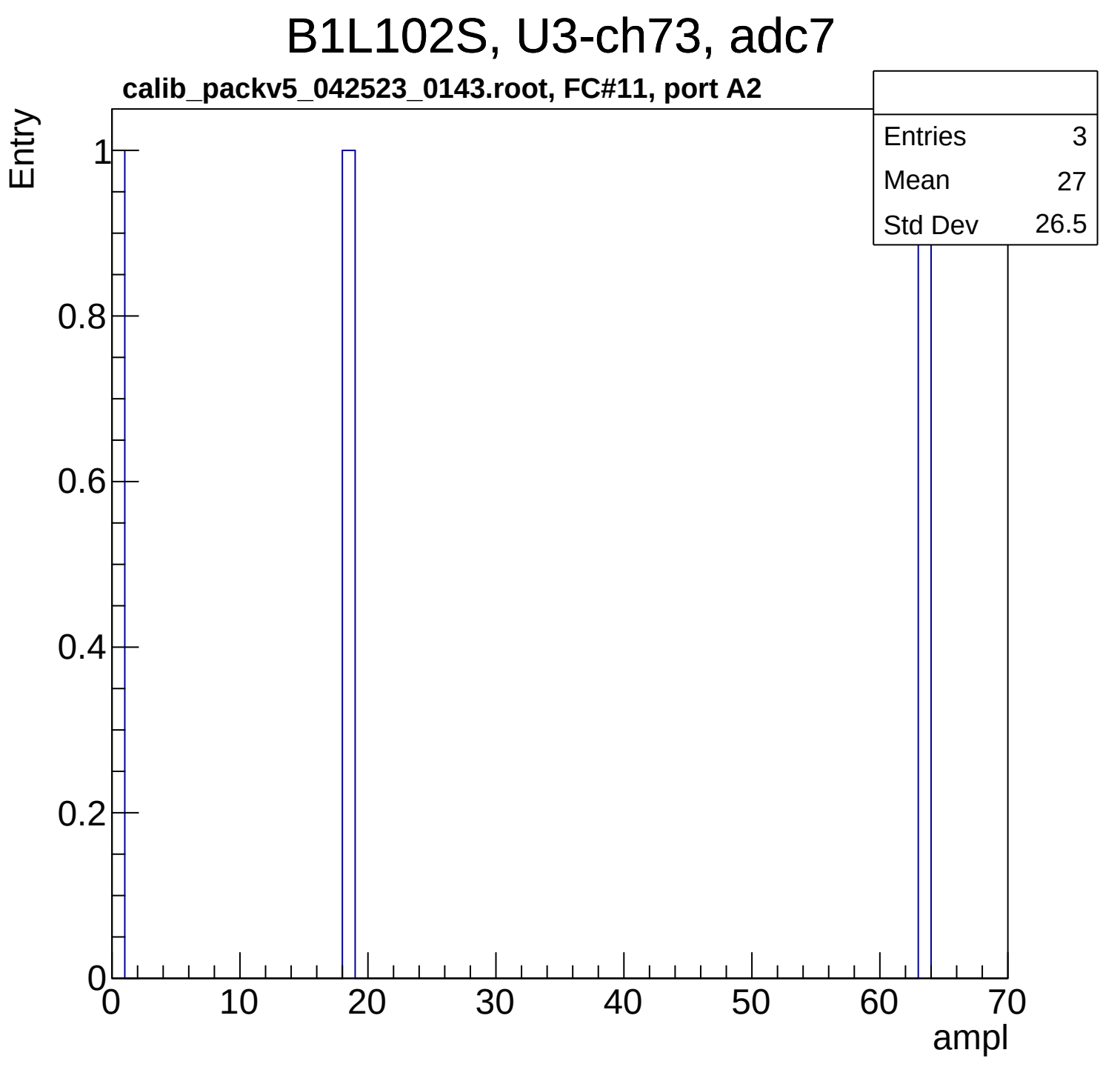
B1L102S, U3-ch73, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 27
Std Dev 26.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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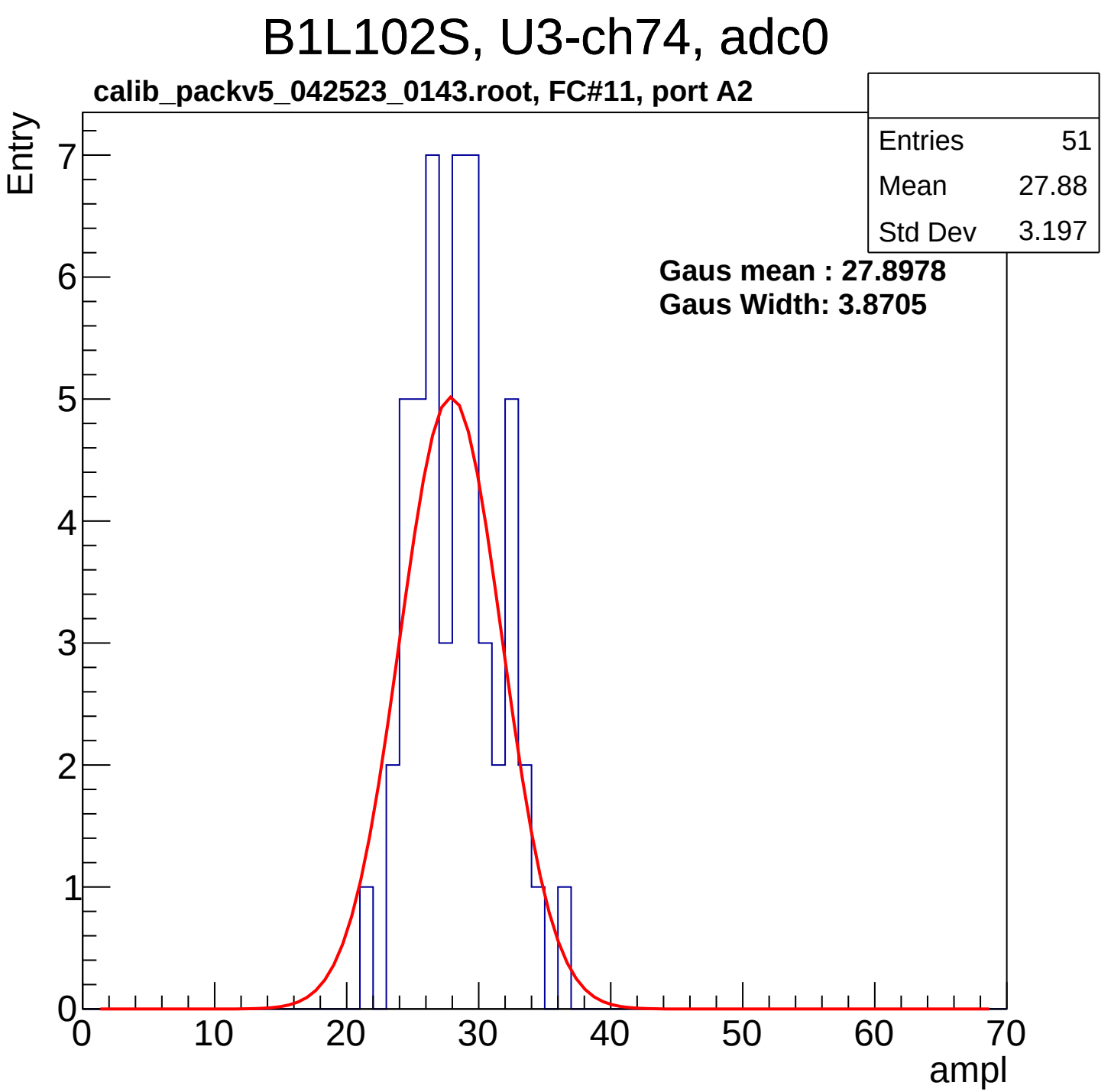
B1L102S, U3-ch74, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 27.88
Std Dev 3.197
Gaus mean : 27.8978
Gaus Width: 3.8705
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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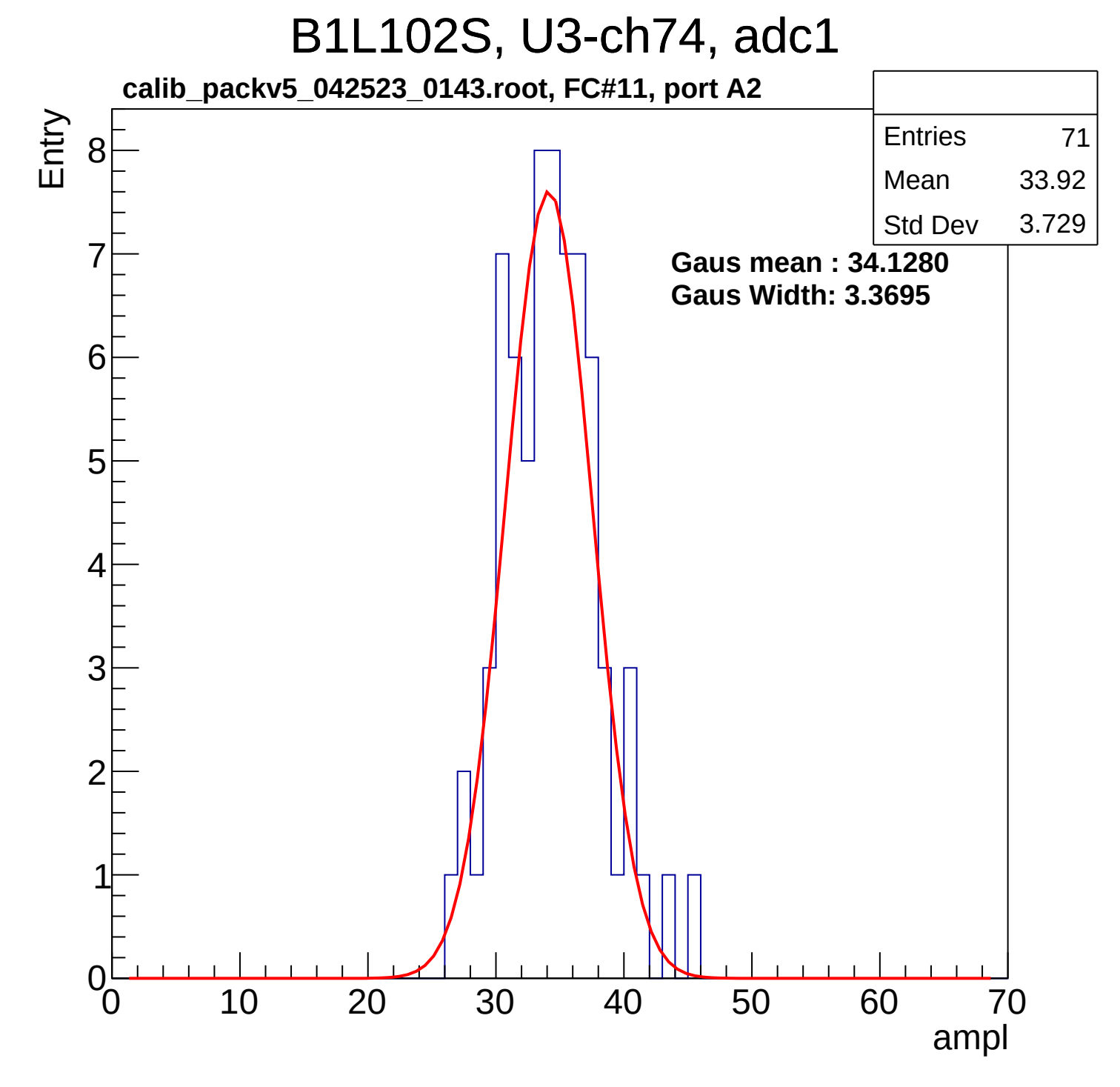
B1L102S, U3-ch74, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 33.92
Std Dev 3.729
Gaus mean : 34.1280
Gaus Width: 3.3695
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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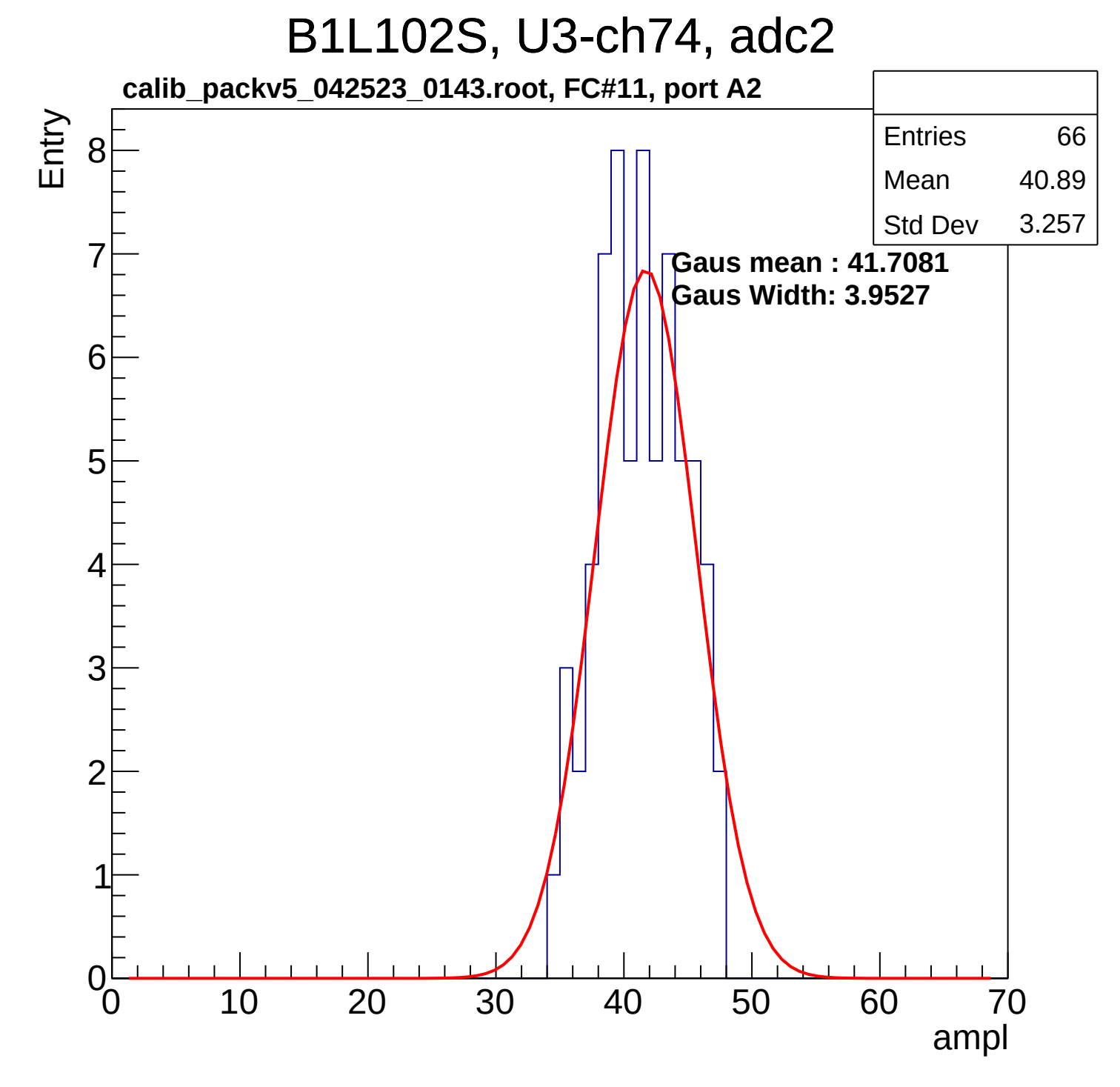
B1L102S, U3-ch74, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 40.89
Std Dev 3.257
Gaus mean : 41.7081
Gaus Width: 3.9527
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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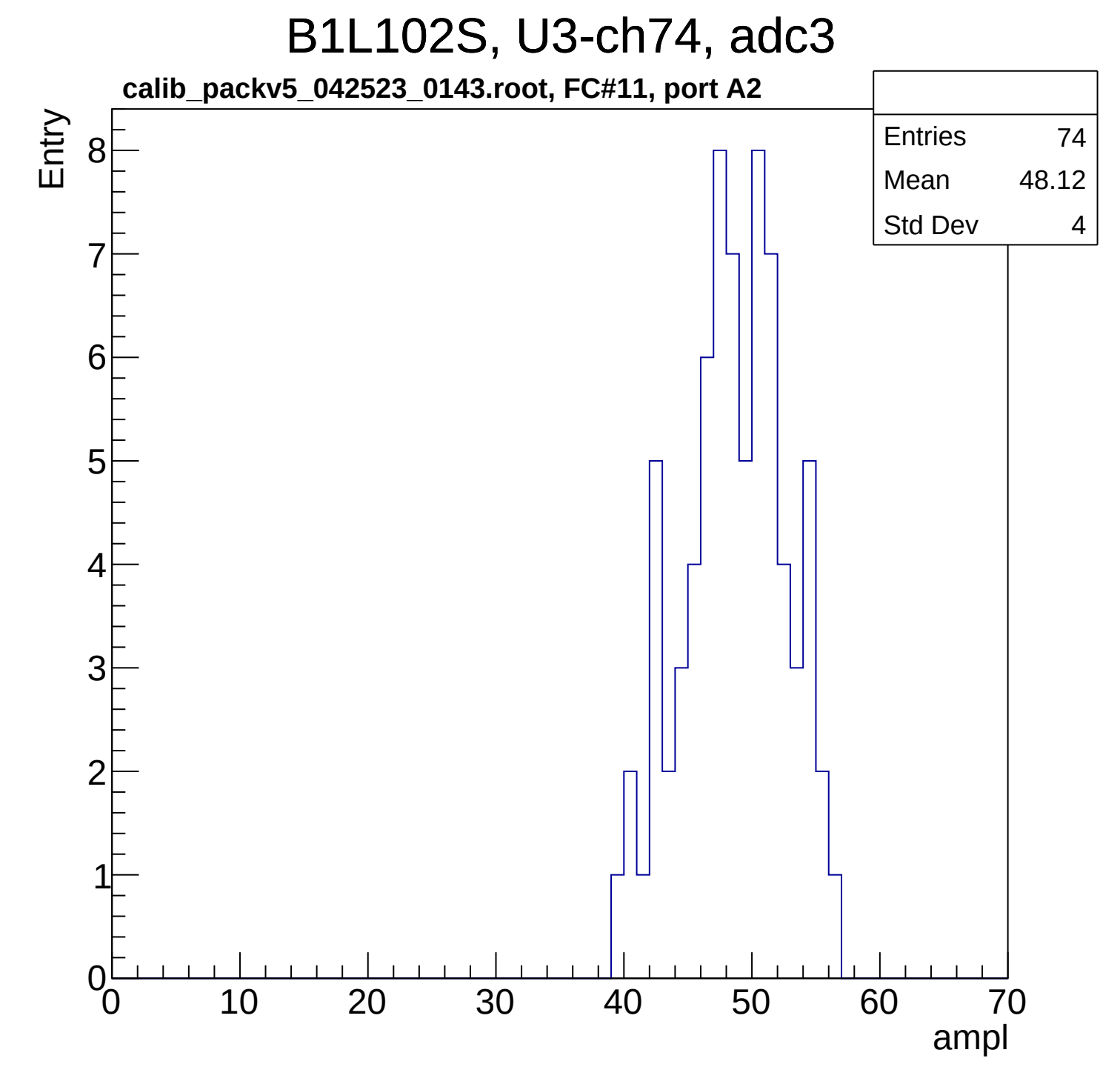
B1L102S, U3-ch74, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 48.12
Std Dev 4
Entry
ampl
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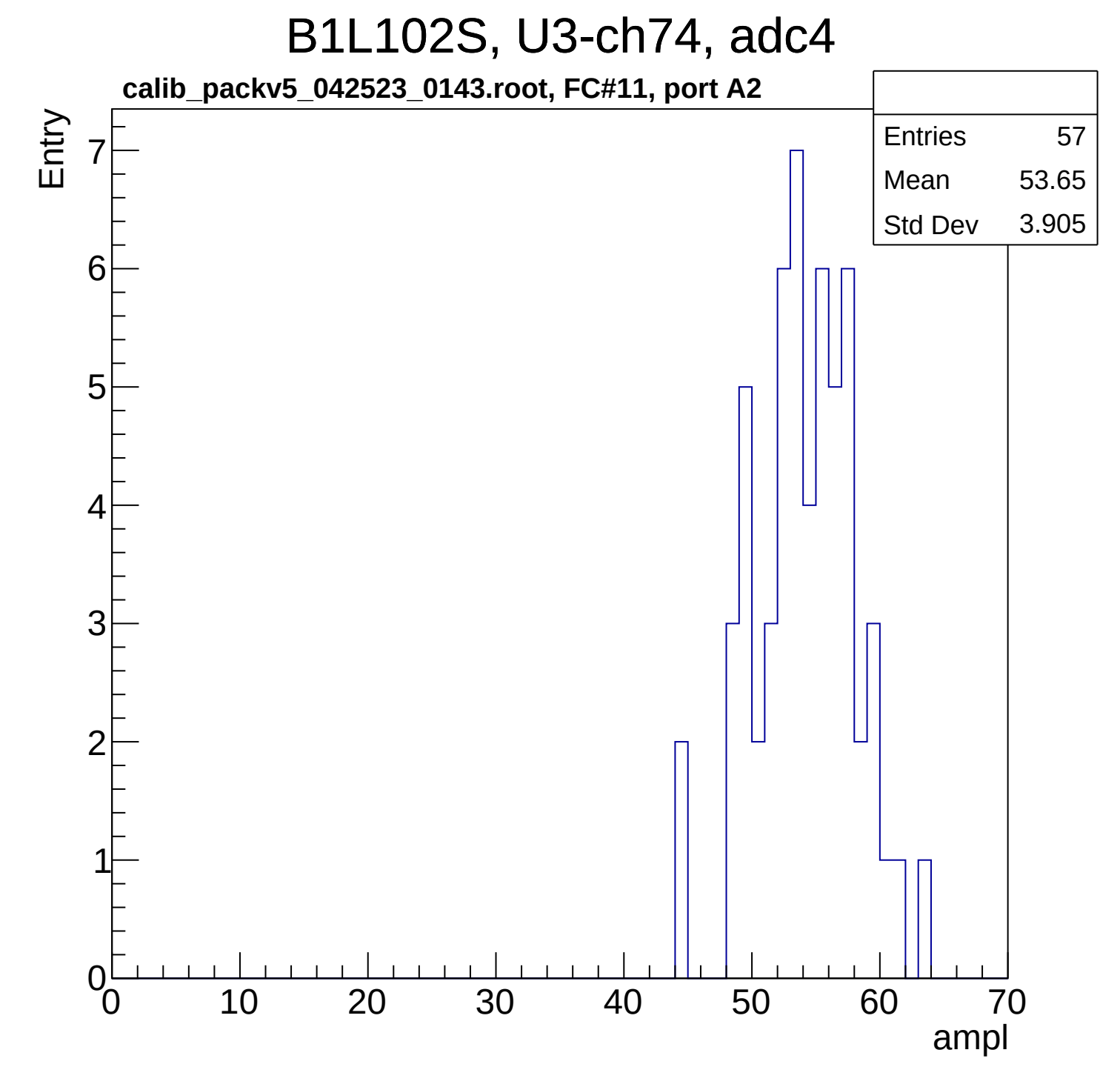
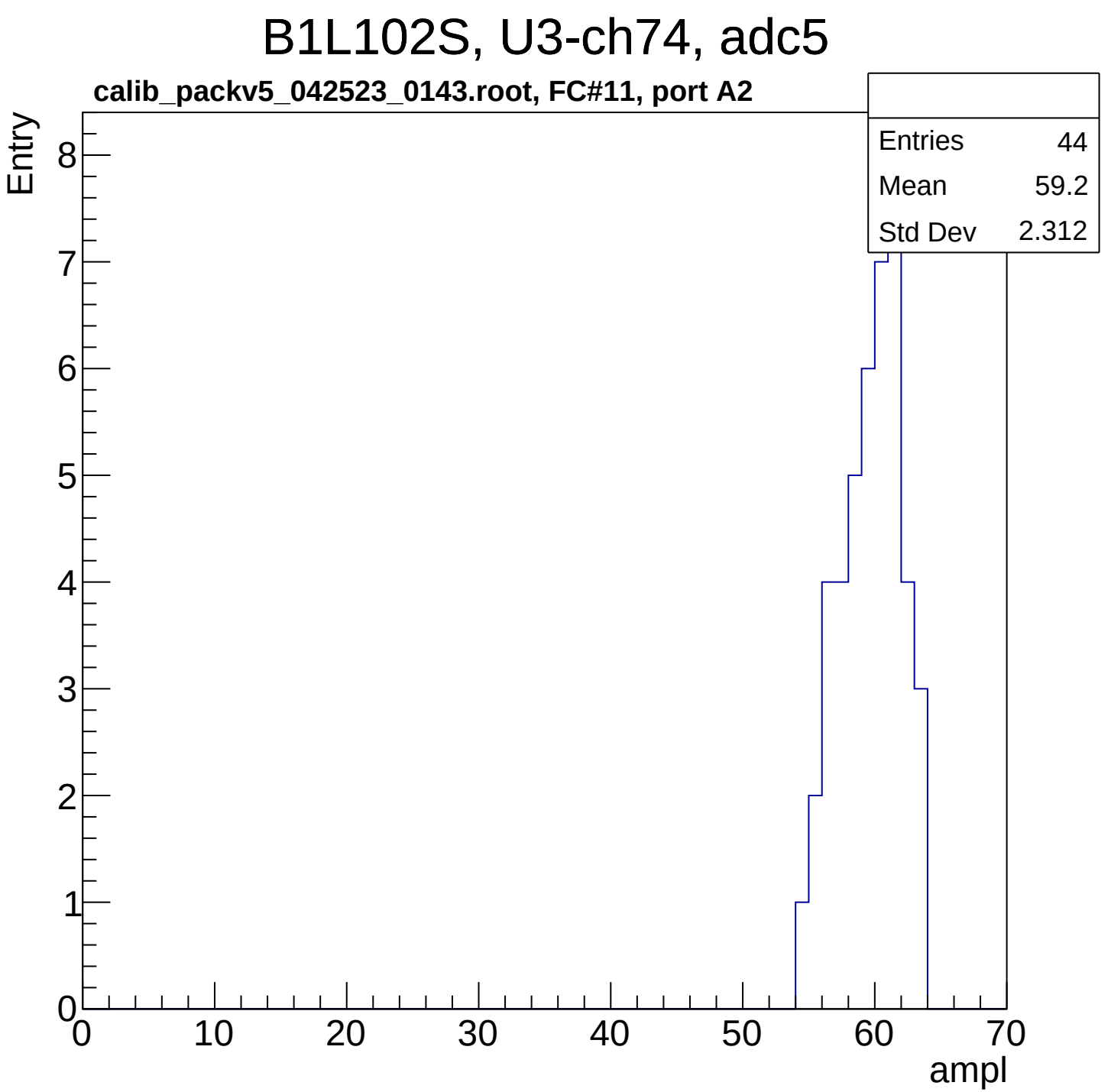
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch74, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 53.65
Std Dev 3.905
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch74, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 59.2
Std Dev 2.312
Entry
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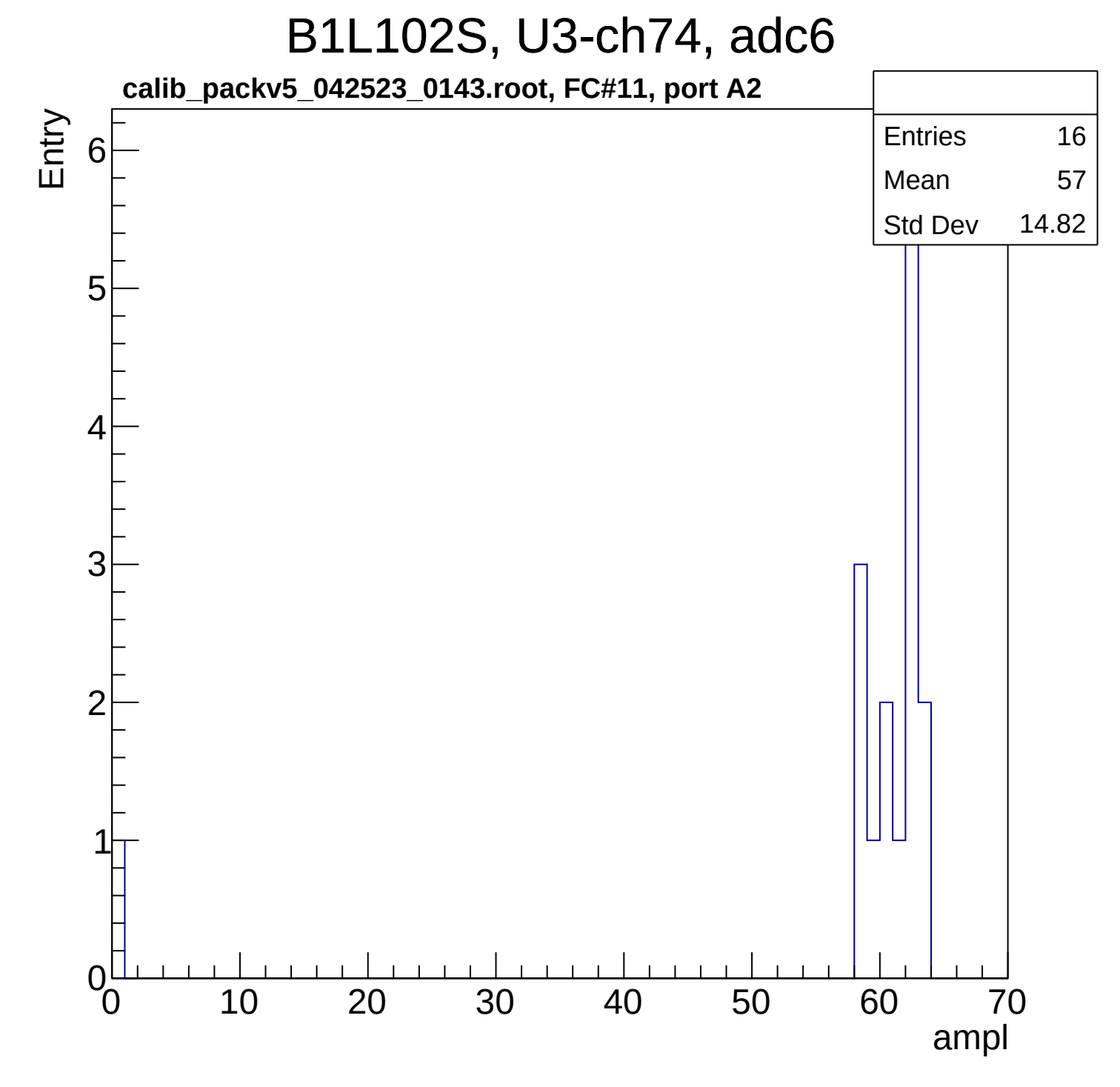
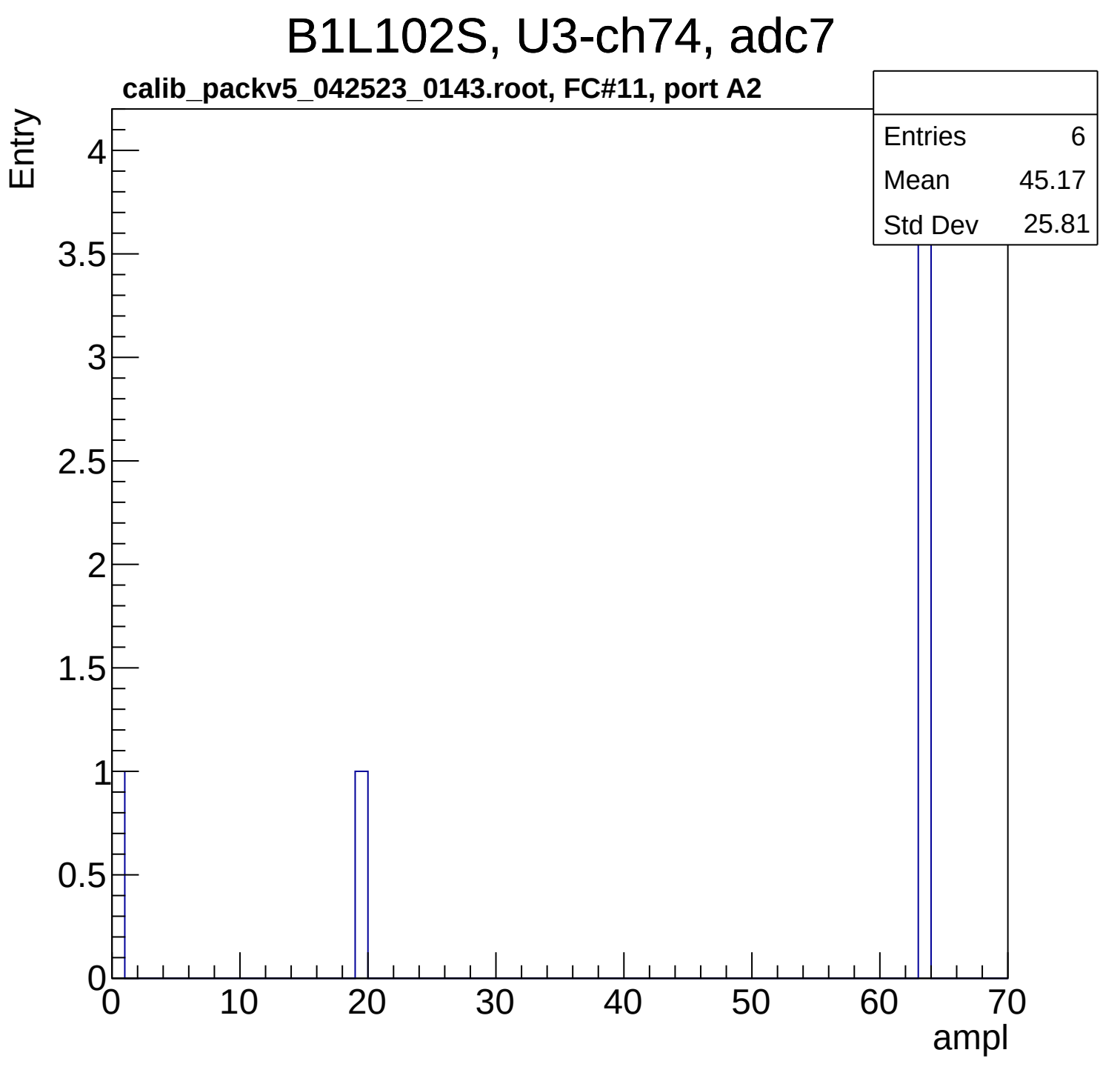
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch74, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 16
Mean 57
Std Dev 14.82
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch74, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 45.17
Std Dev 25.81
Entry
ampl
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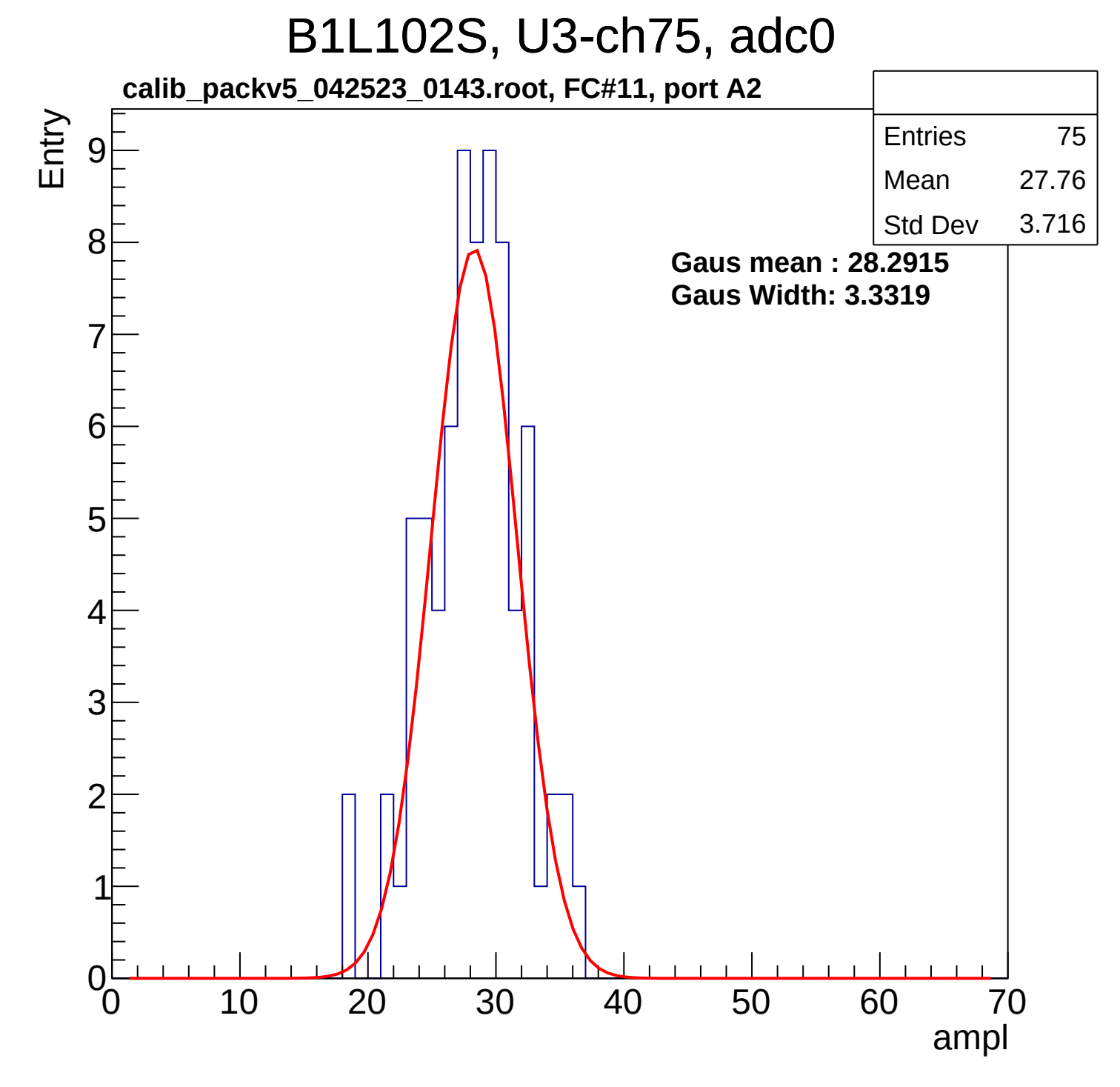
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch75, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 27.76
Std Dev 3.716
Gaus mean : 28.2915
Gaus Width: 3.3319
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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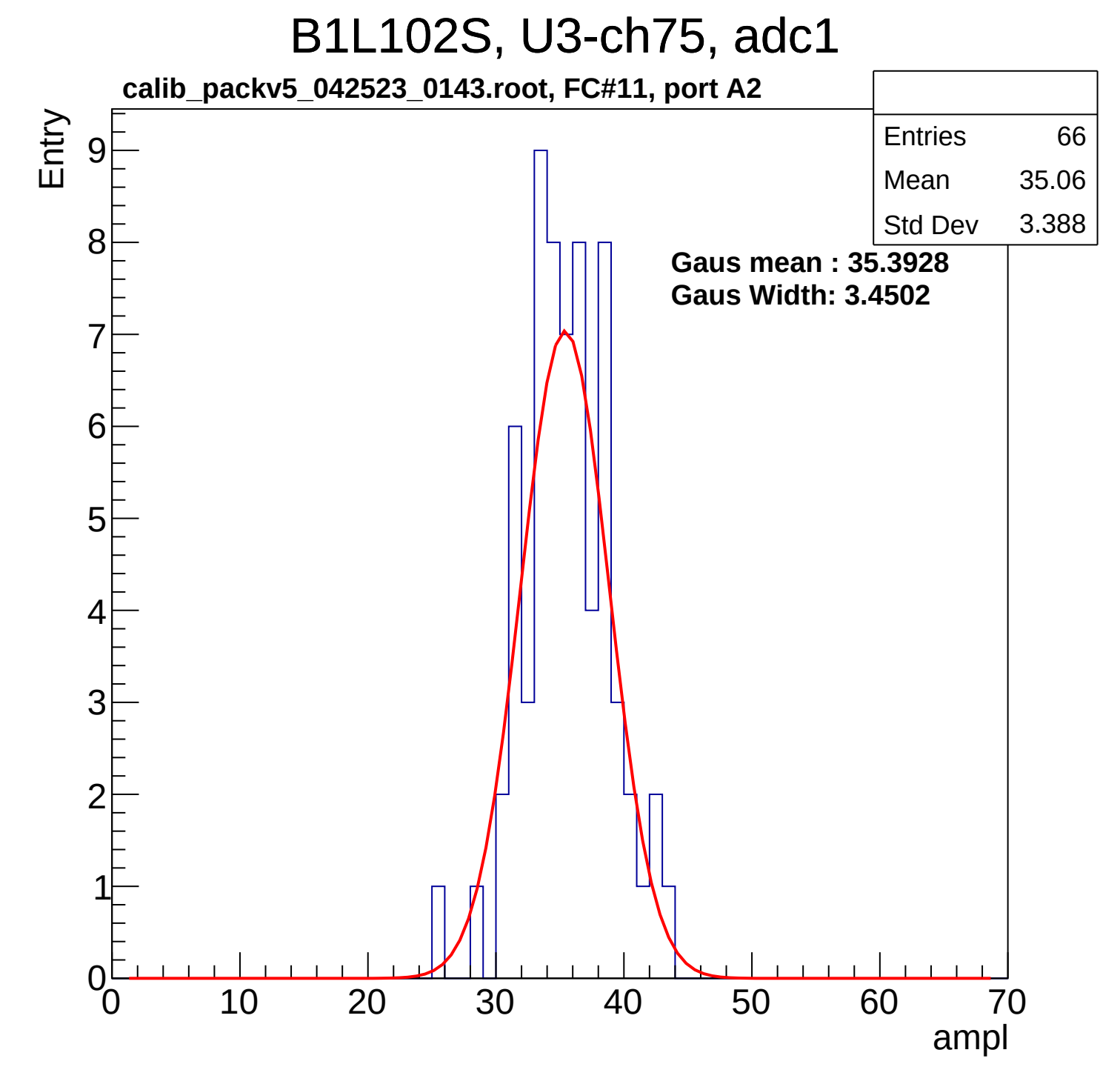
B1L102S, U3-ch75, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 35.06
Std Dev 3.388
Gaus mean : 35.3928
Gaus Width: 3.4502
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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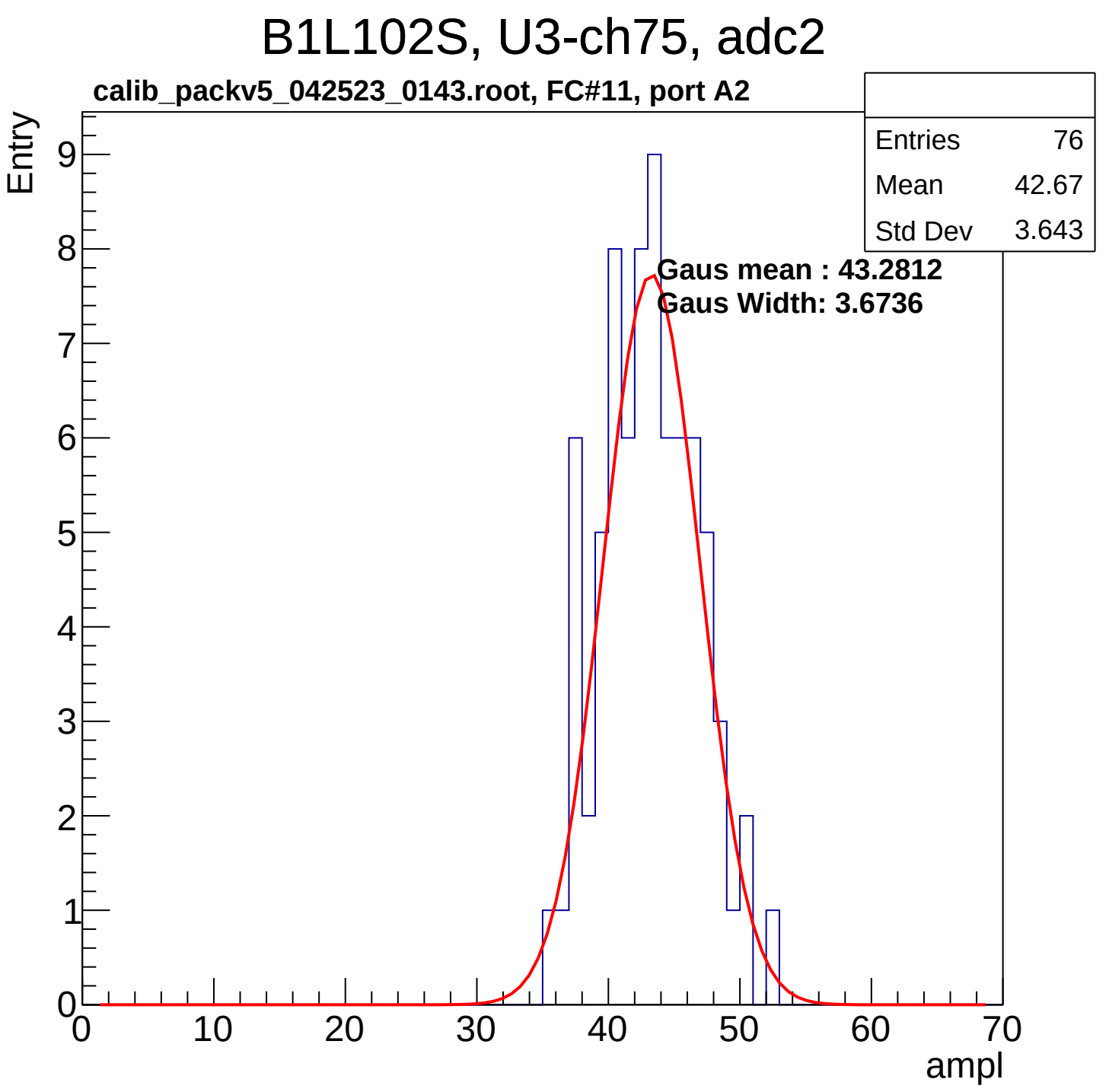
B1L102S, U3-ch75, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 42.67
Std Dev 3.643
Gaus mean : 43.2812
Gaus Width: 3.6736
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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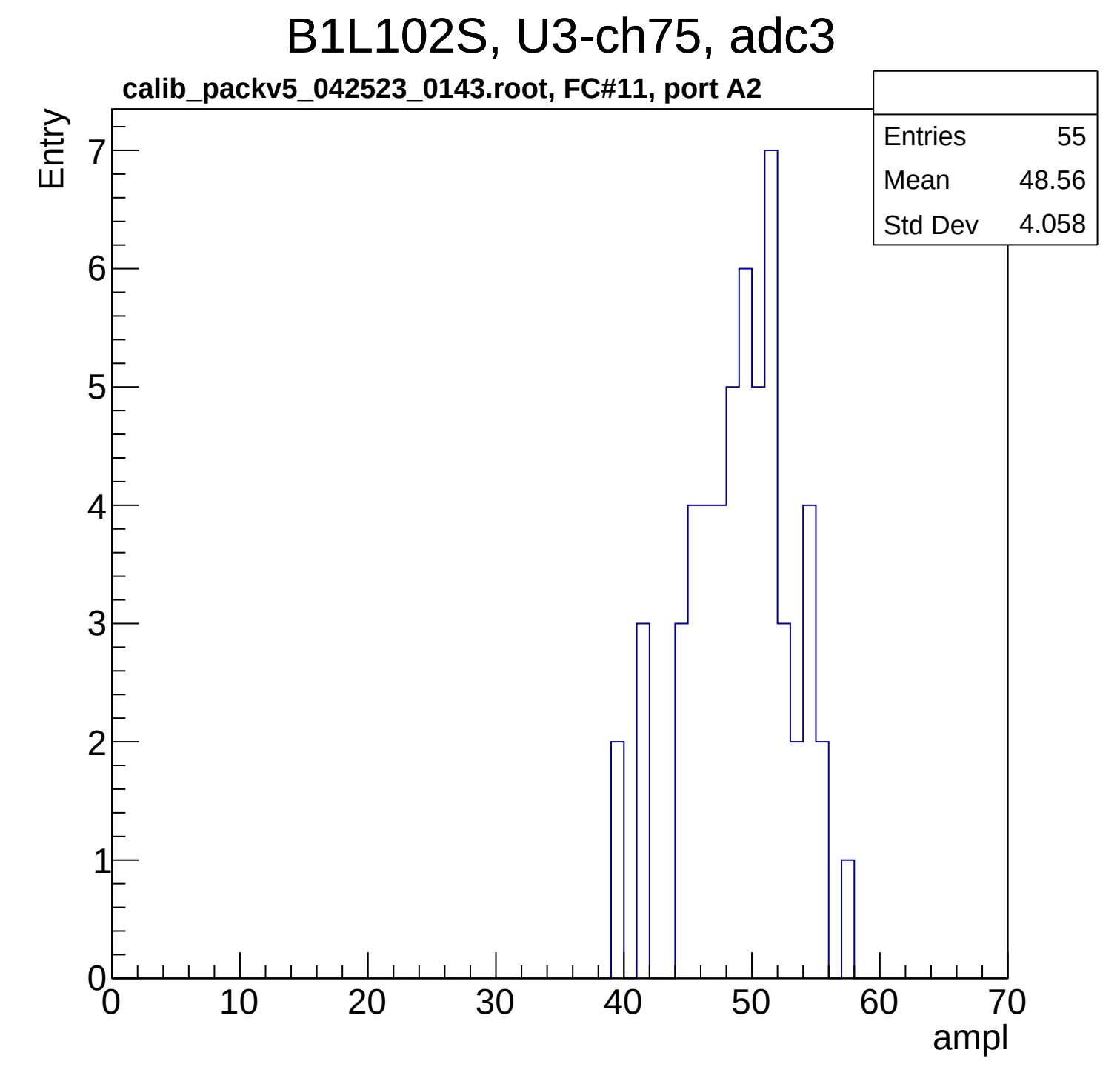
B1L102S, U3-ch75, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 48.56
Std Dev 4.058
Entry
ampl
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1
2
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4
5
6
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0
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20
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40
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60
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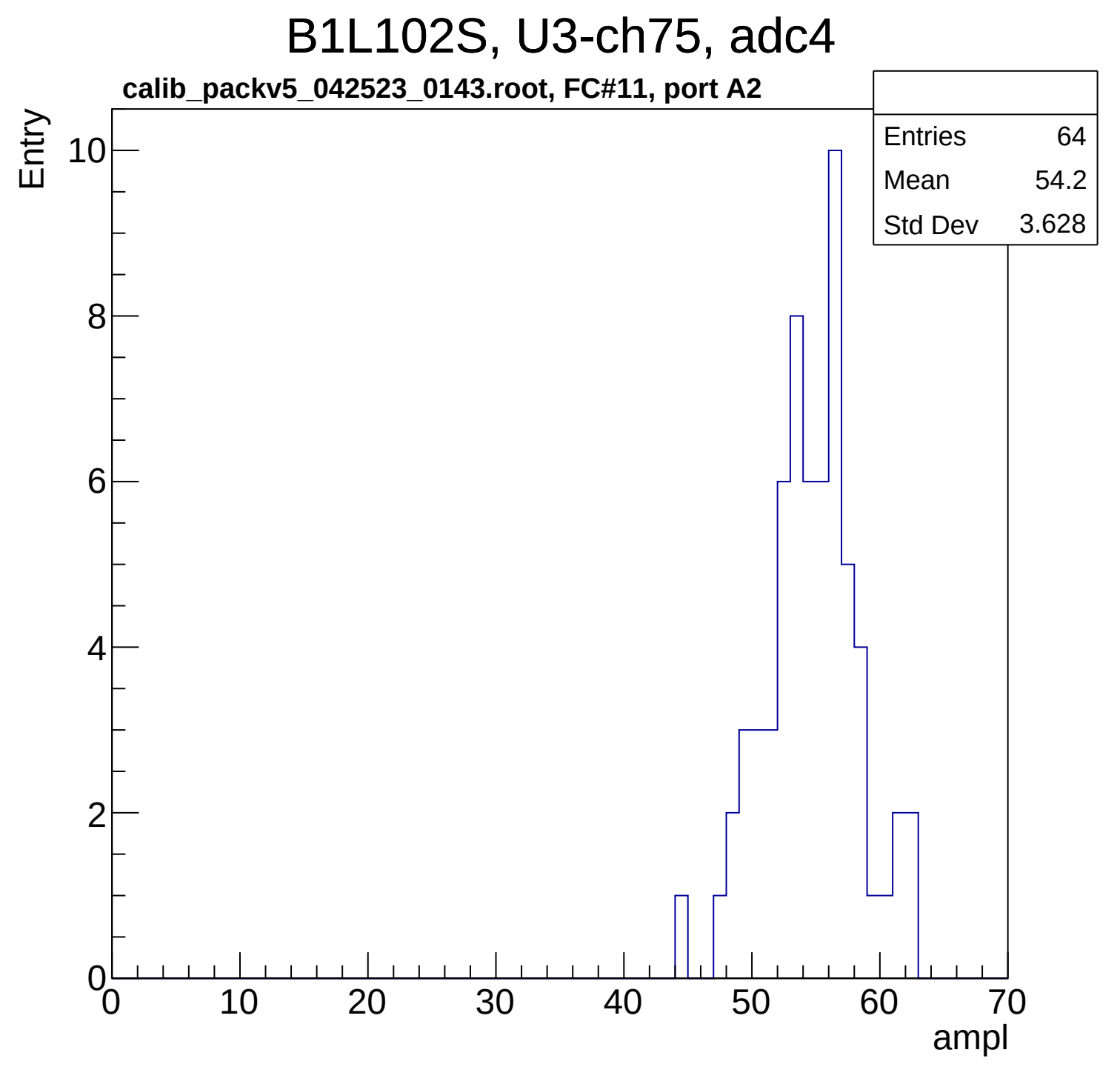
B1L102S, U3-ch75, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 54.2
Std Dev 3.628
Entry
ampl
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2
4
6
8
10
0
10
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30
40
50
60
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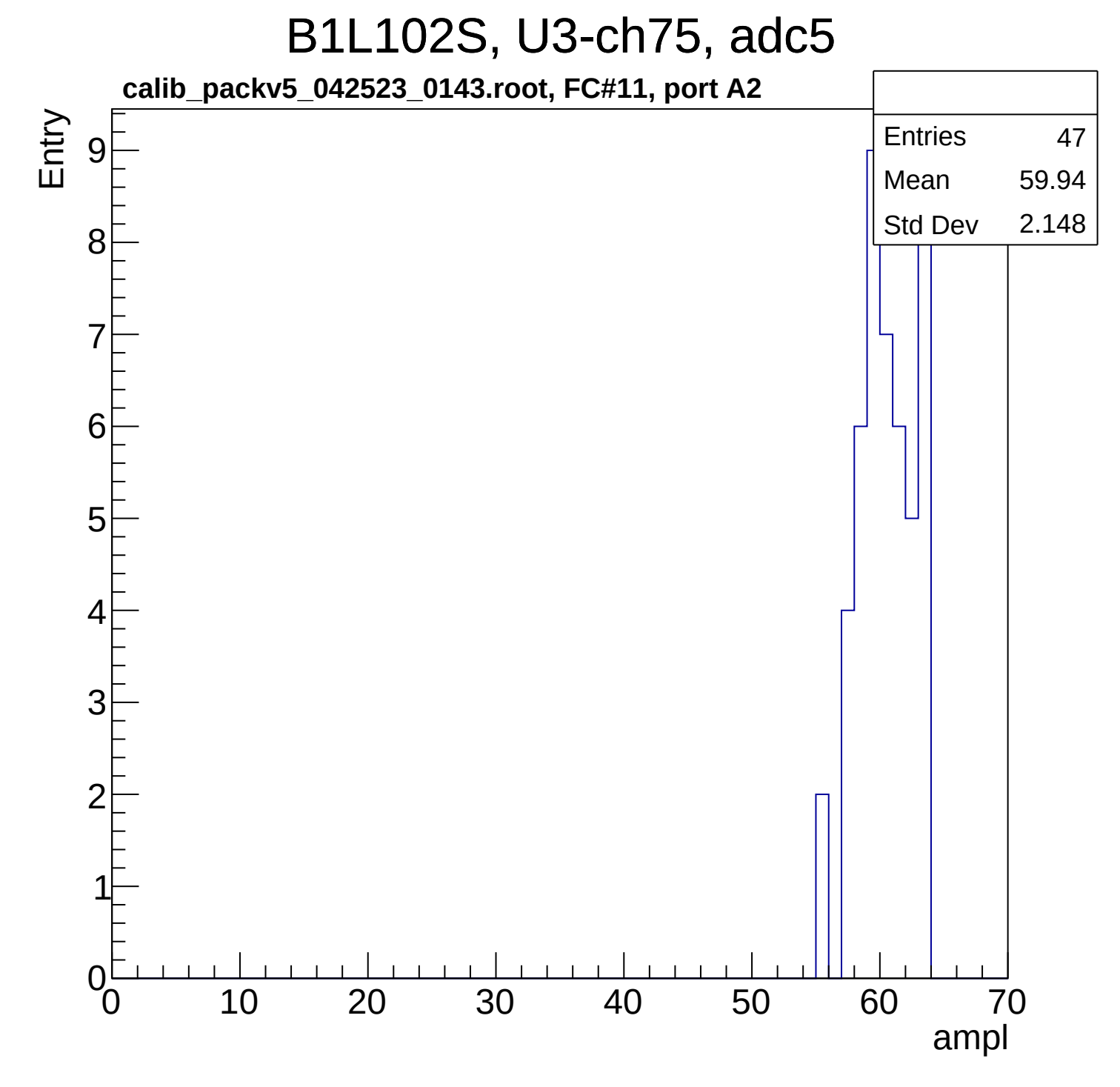
B1L102S, U3-ch75, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 59.94
Std Dev 2.148
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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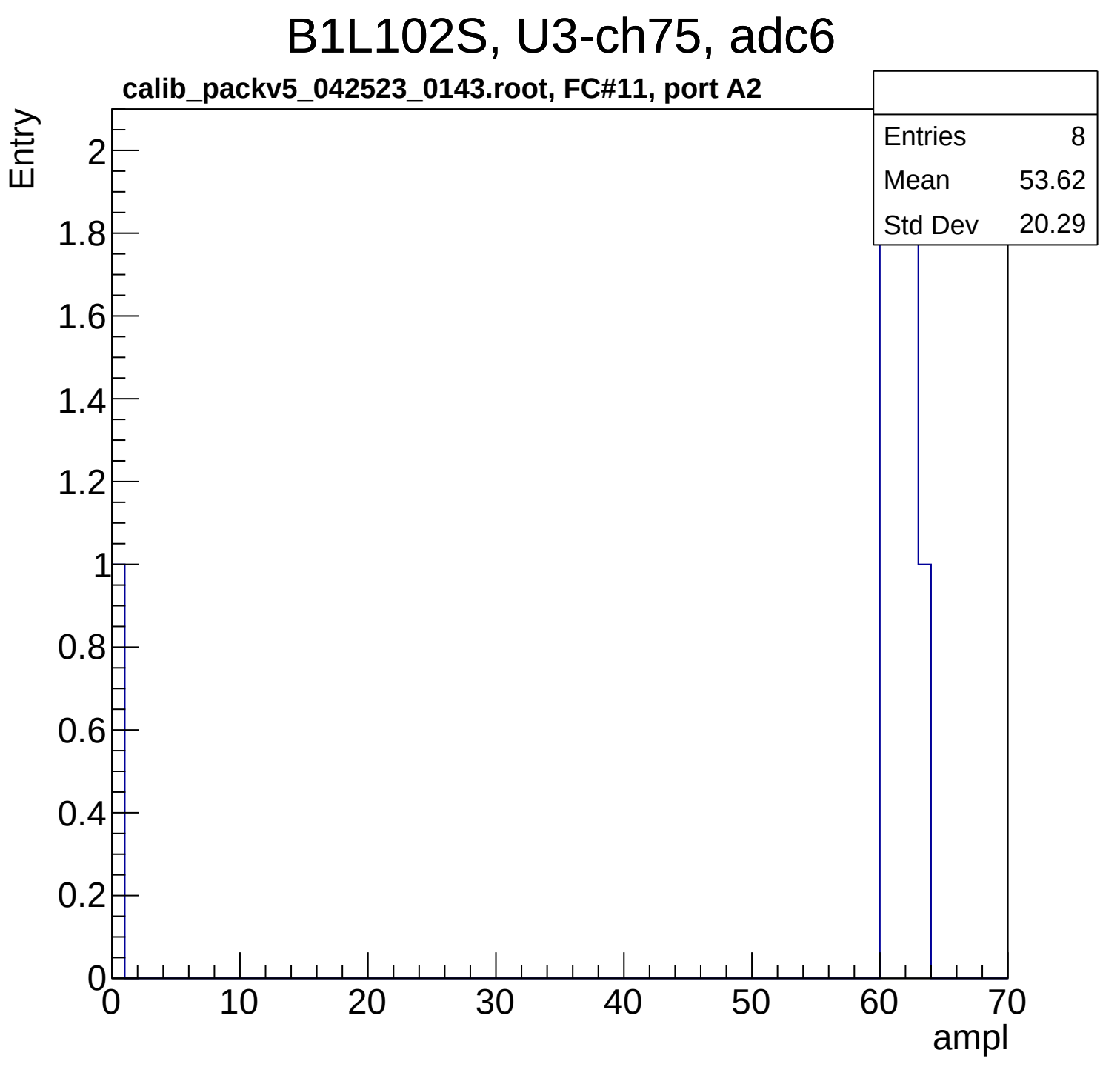
B1L102S, U3-ch75, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 53.62
Std Dev 20.29
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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40
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60
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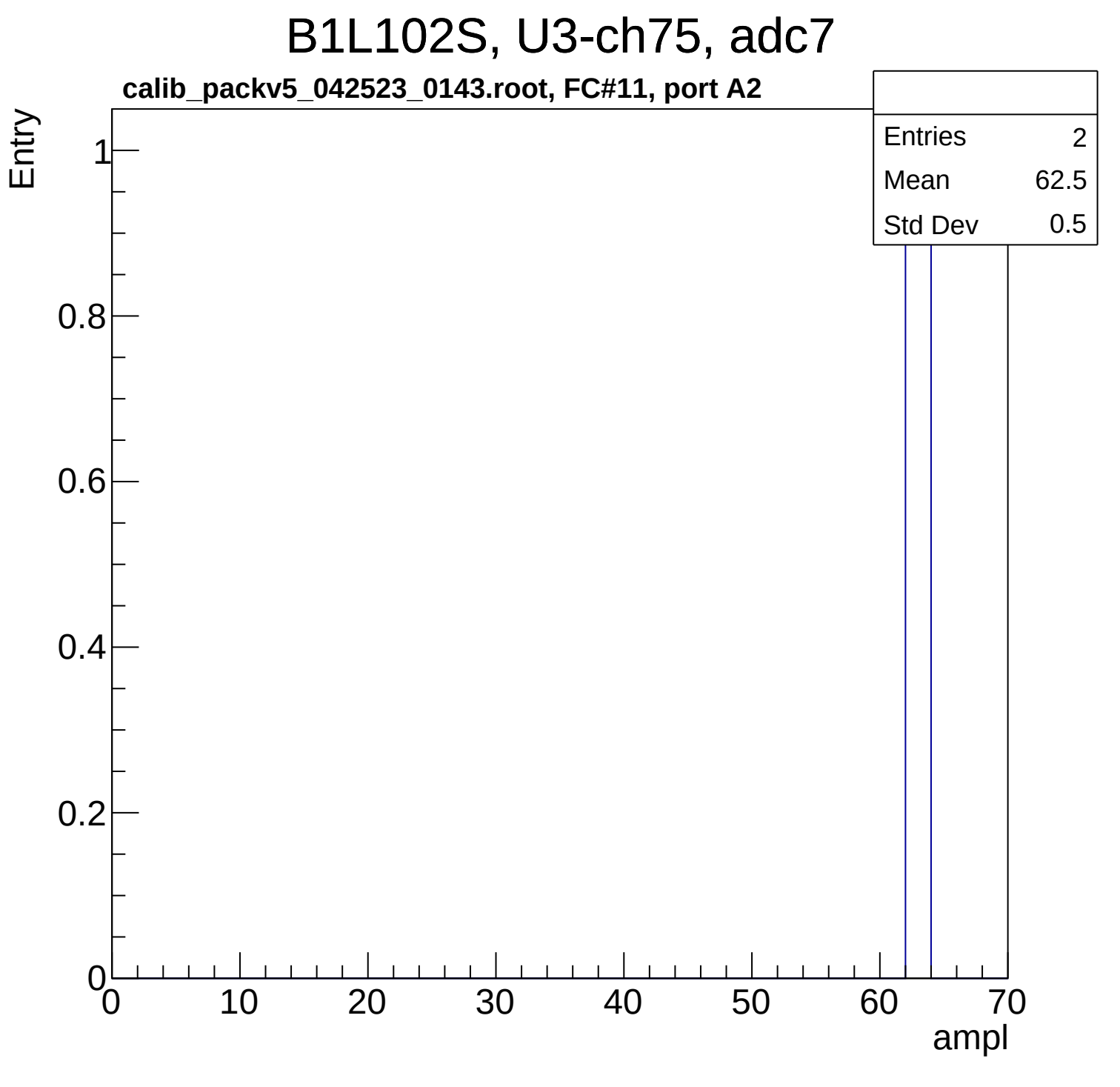
B1L102S, U3-ch75, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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0.6
0.4
0.2
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10
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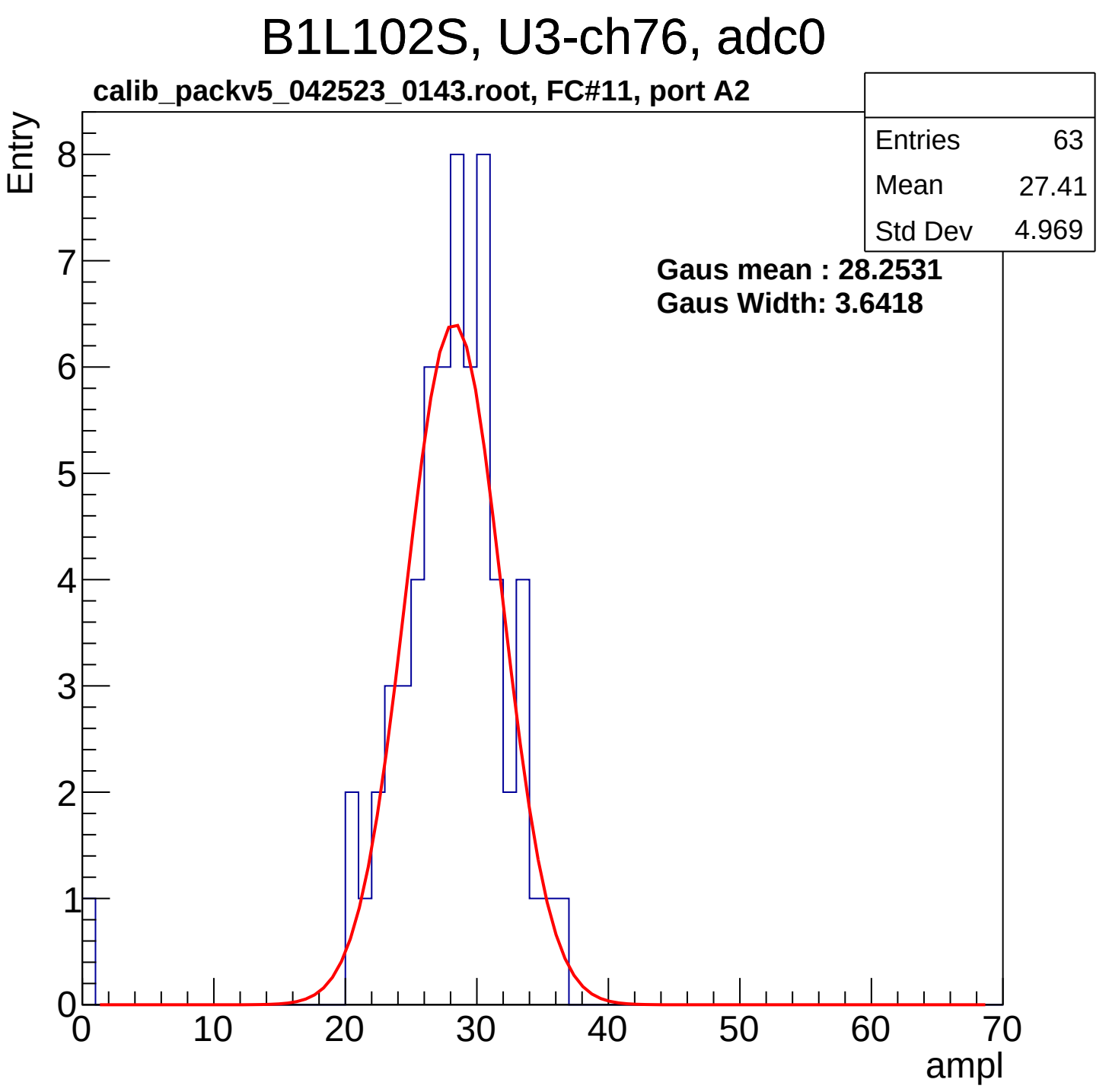
50
60
70
ampl


B1L102S, U3-ch76, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 27.41
Std Dev 4.969
Gaus mean : 28.2531
Gaus Width: 3.6418
Entry
ampl
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3
4
5
6
7
8
0
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40
50
60
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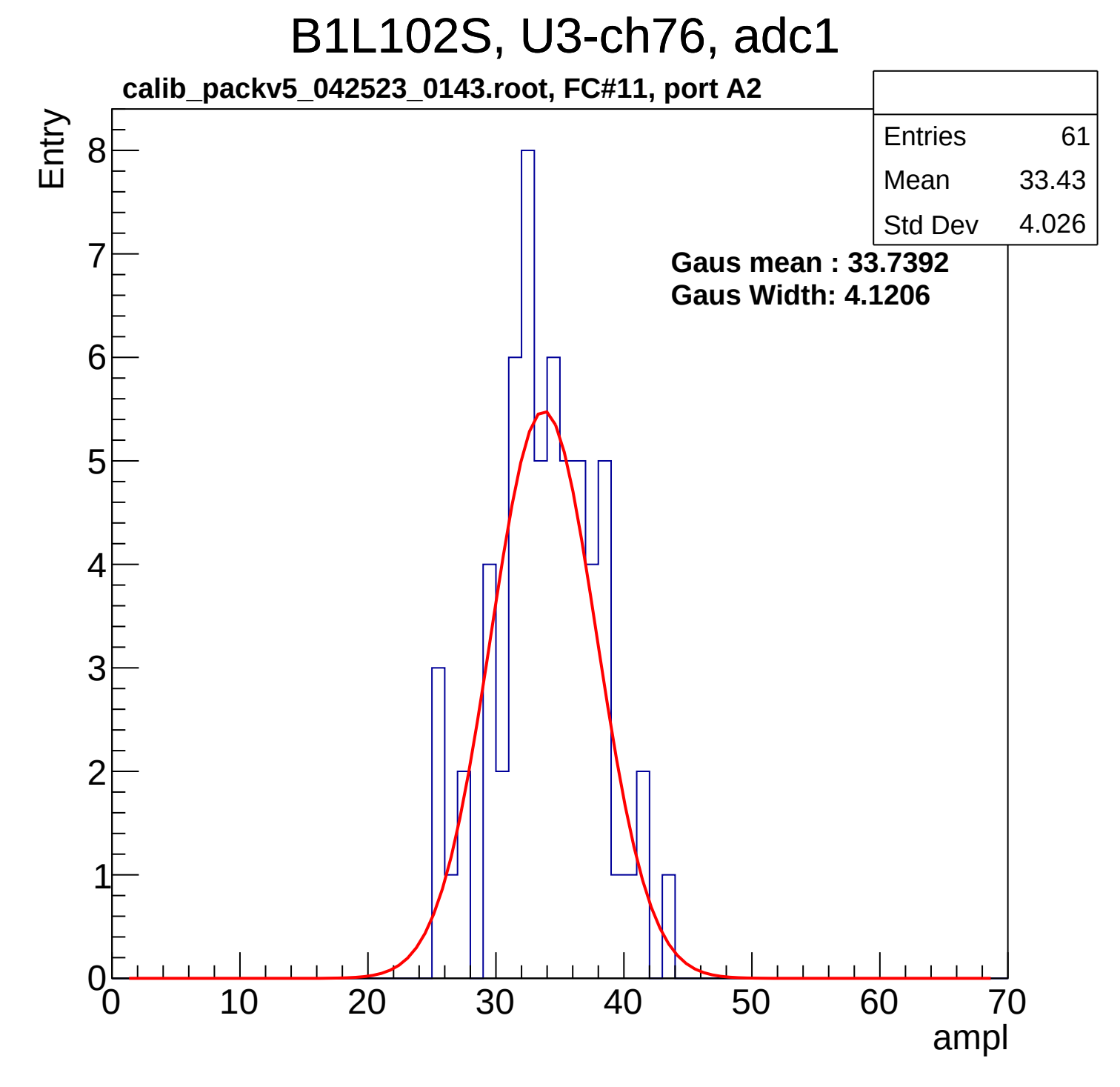
B1L102S, U3-ch76, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 33.43
Std Dev 4.026
Gaus mean : 33.7392
Gaus Width: 4.1206
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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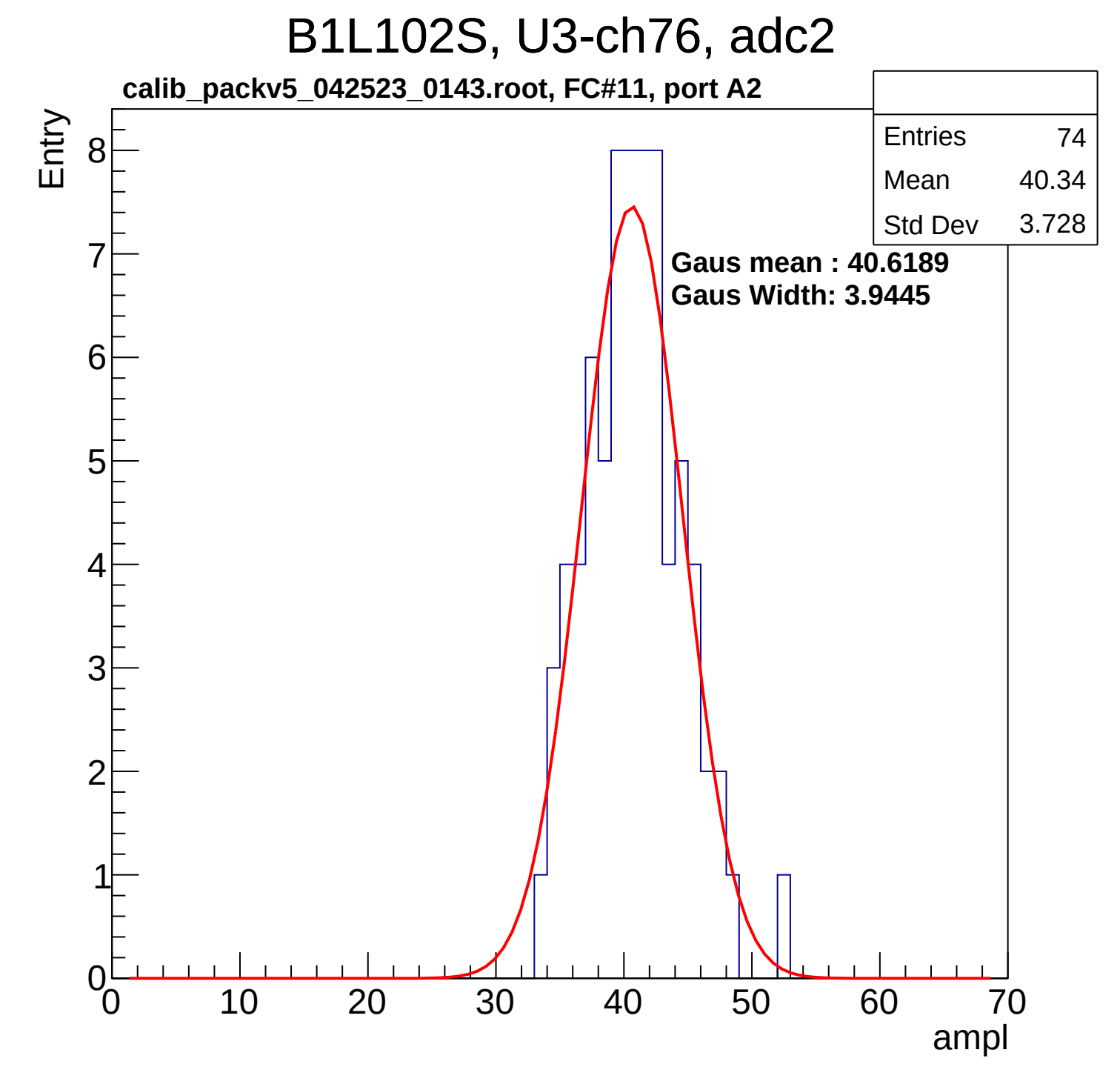
B1L102S, U3-ch76, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 40.34
Std Dev 3.728
Gaus mean : 40.6189
Gaus Width: 3.9445
Entry
ampl
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2
3
4
5
6
7
8
0
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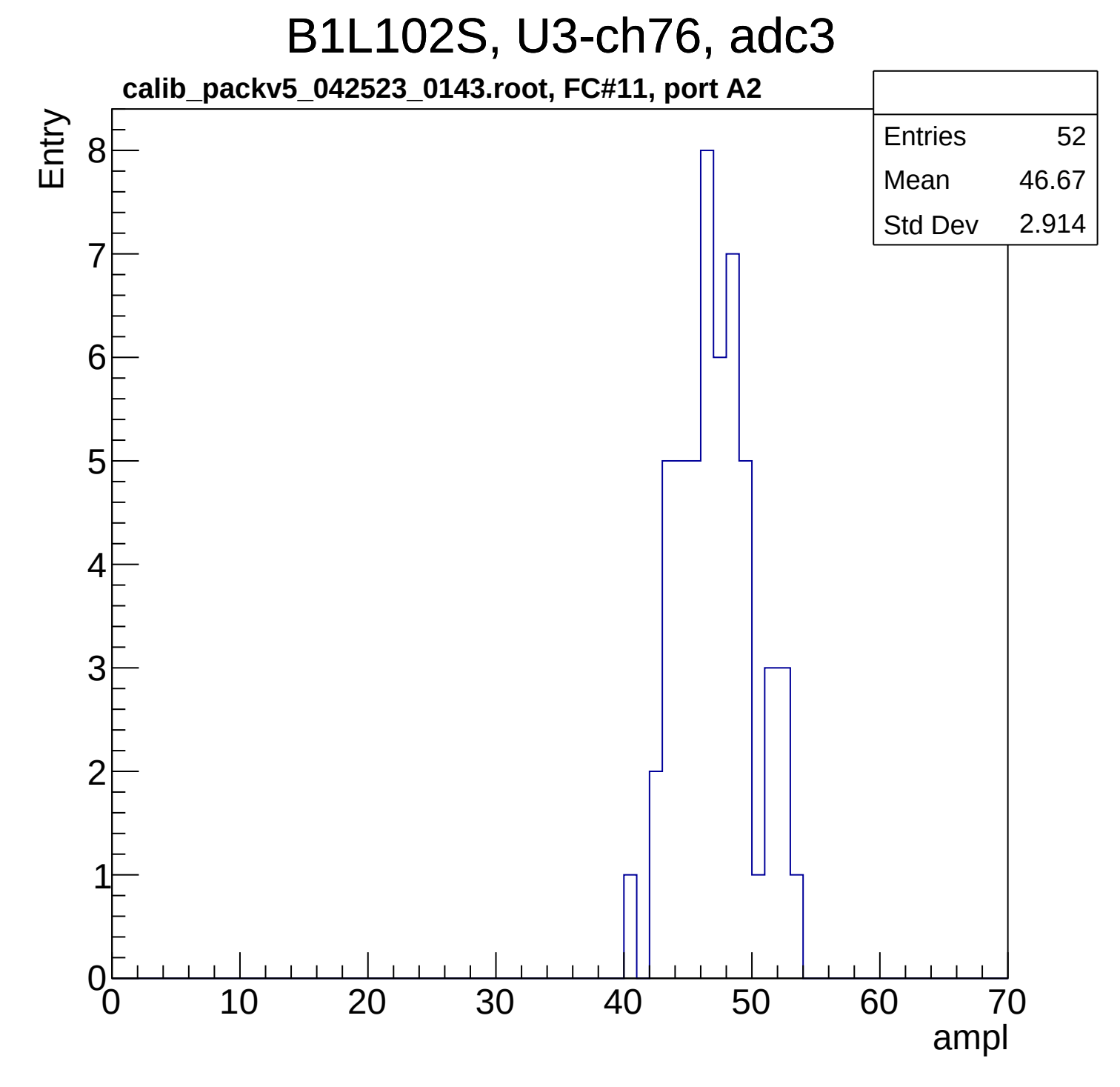
B1L102S, U3-ch76, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 46.67
Std Dev 2.914
Entry
ampl
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5
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0
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60
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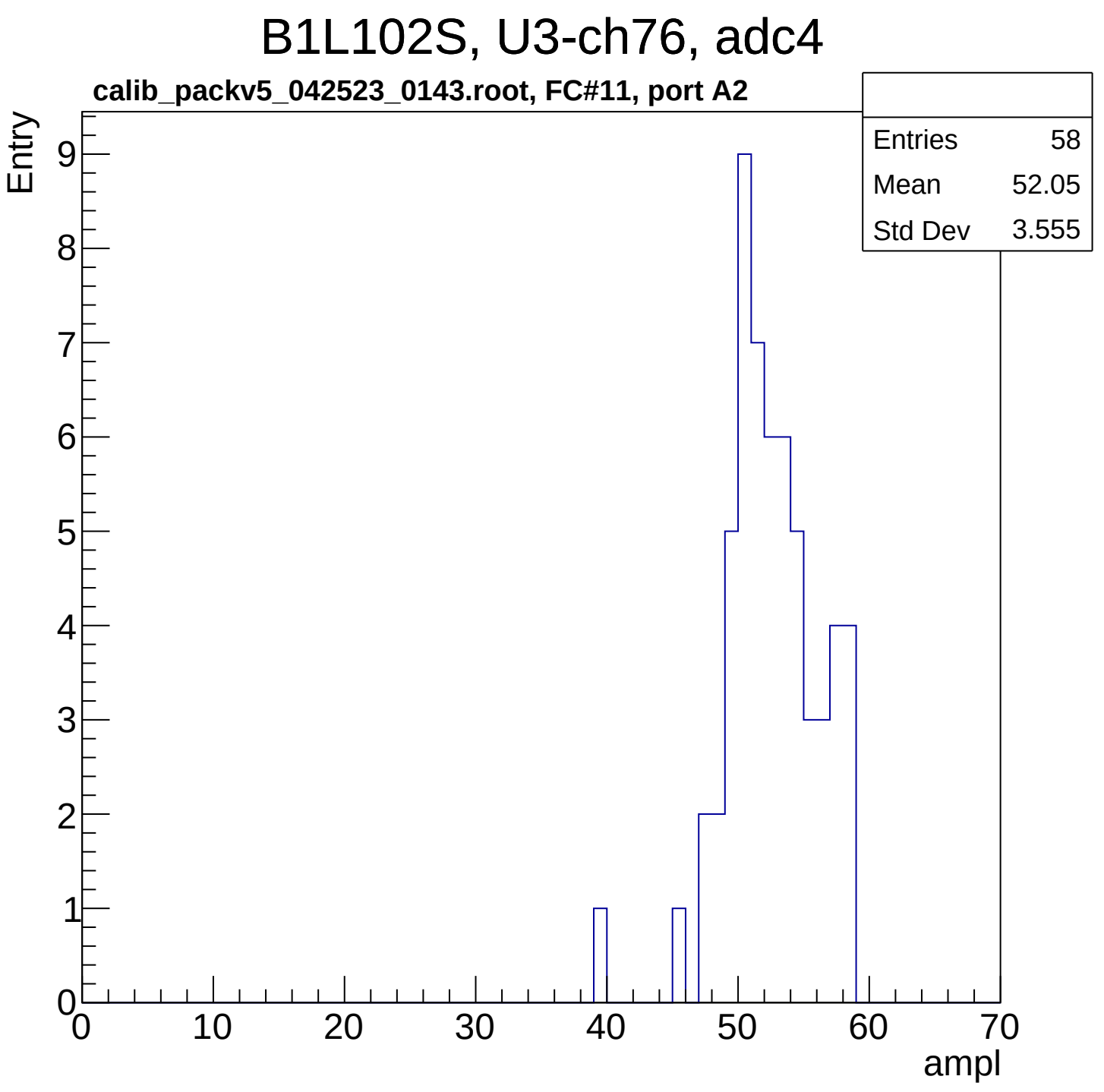
B1L102S, U3-ch76, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 52.05
Std Dev 3.555
Entry
ampl
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5
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7
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0
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60
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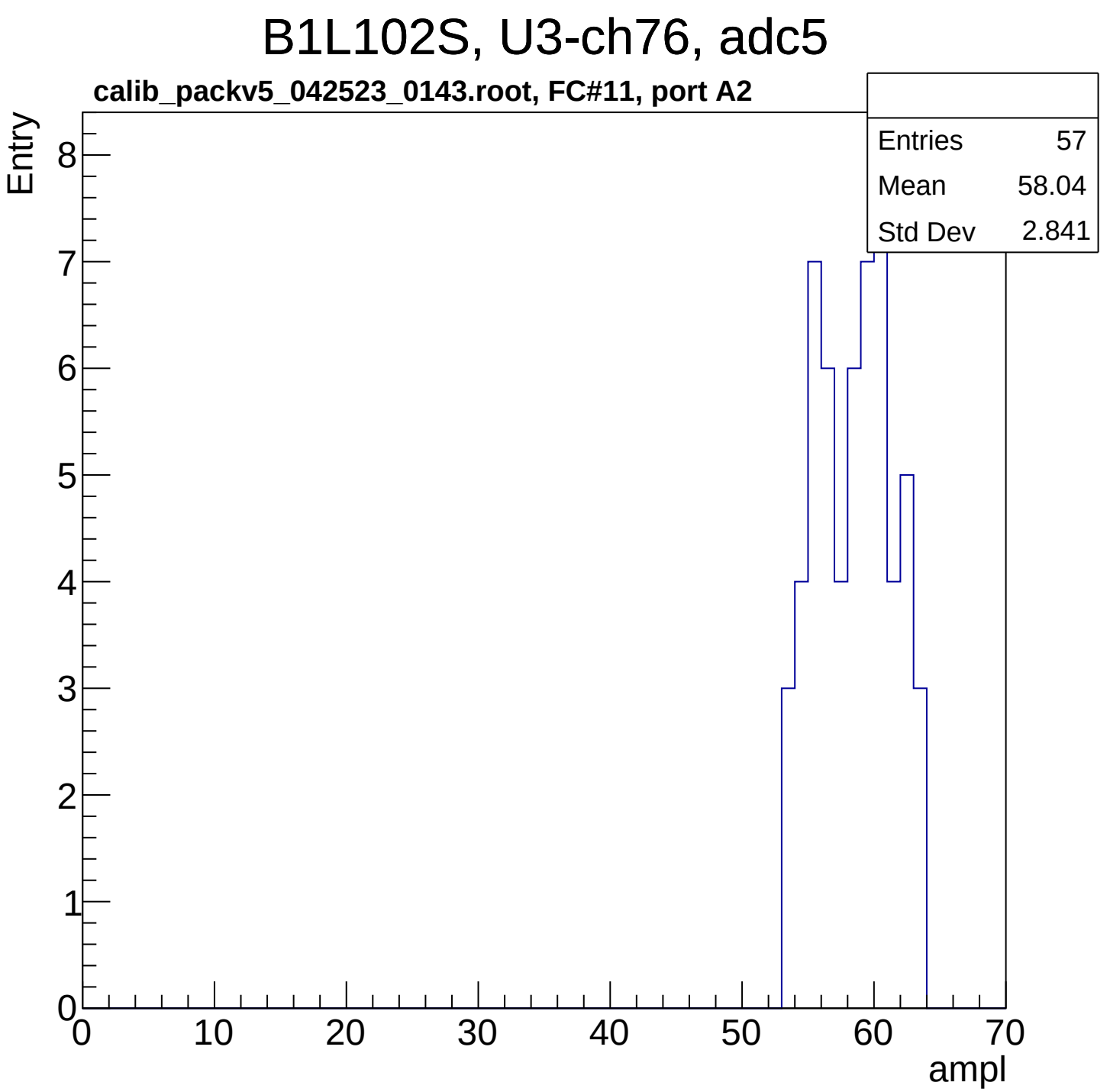
B1L102S, U3-ch76, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 58.04
Std Dev 2.841
Entry
ampl
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2
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10
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50
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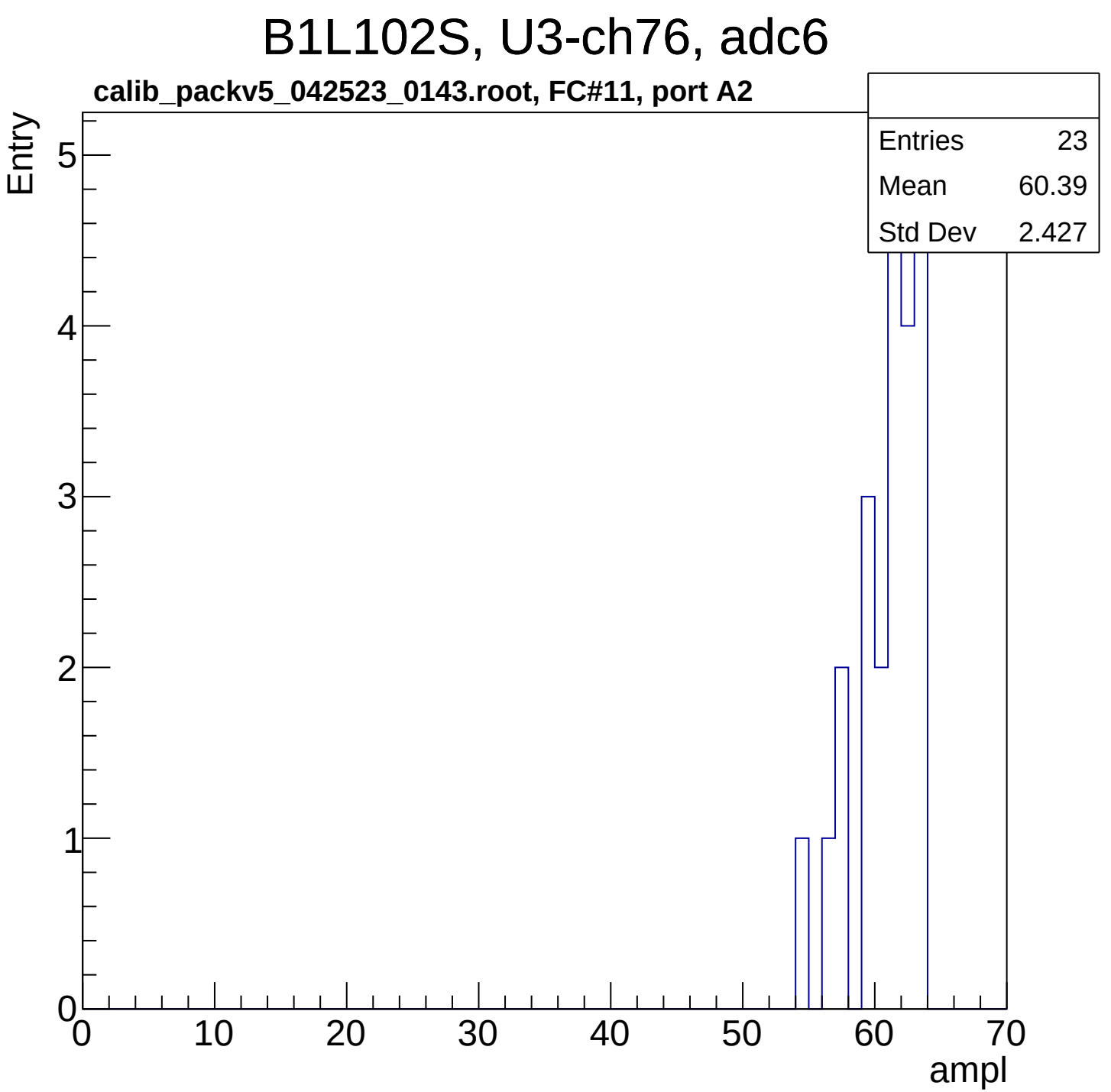
B1L102S, U3-ch76, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 23
Mean 60.39
Std Dev 2.427
Entry
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30
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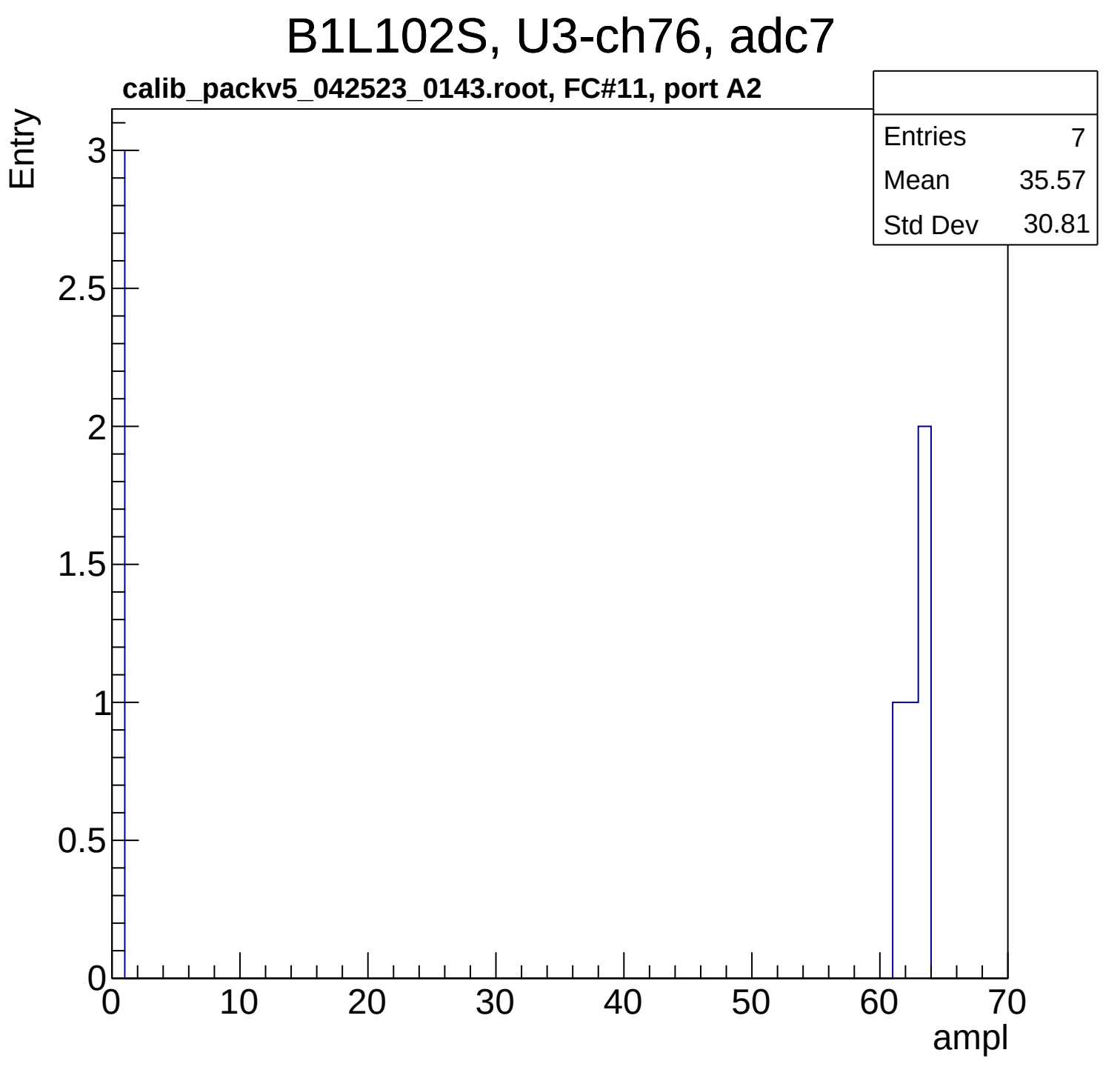
50
60
70
ampl


B1L102S, U3-ch76, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 35.57
Std Dev 30.81
Entry
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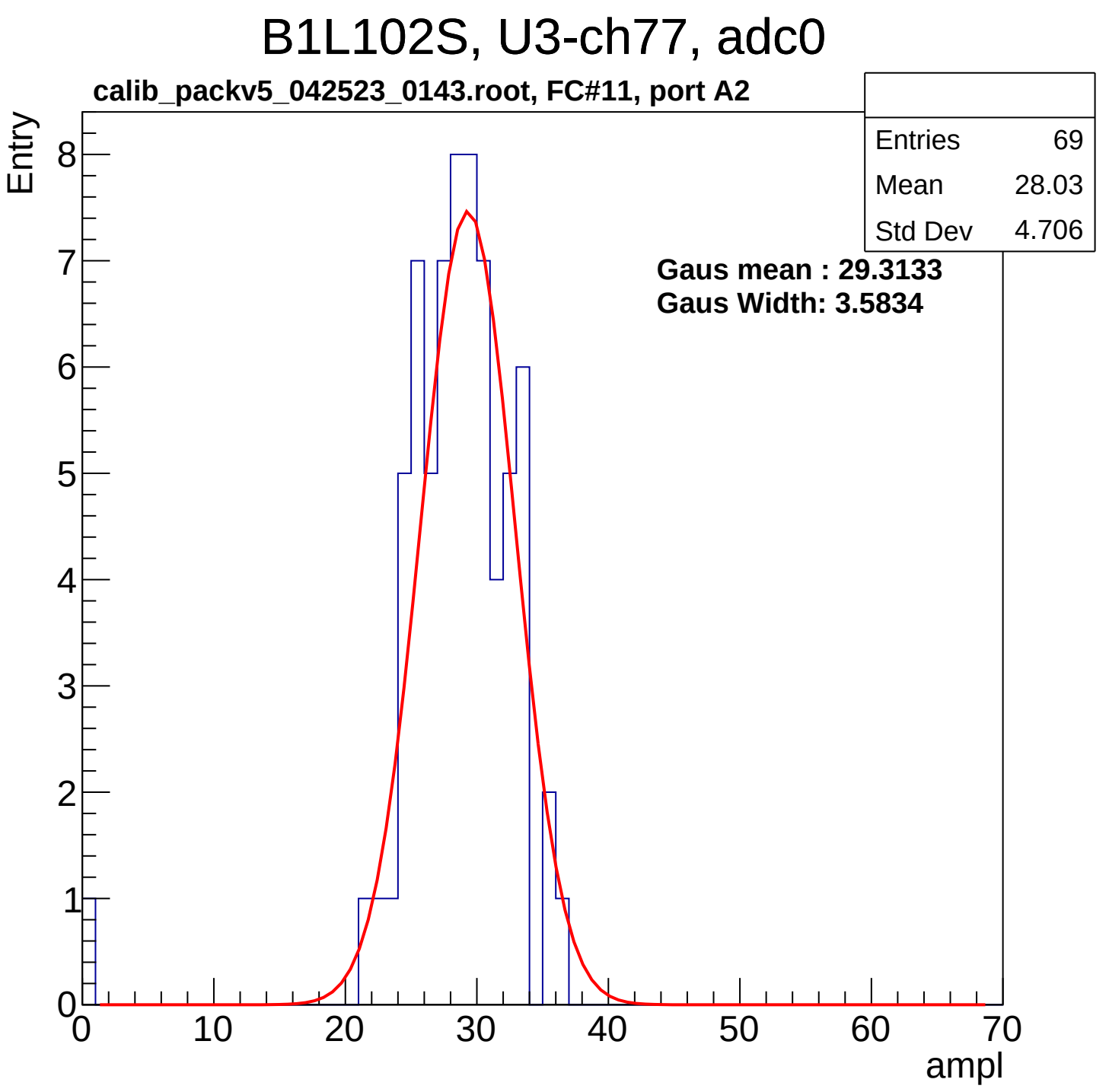
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch77, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 28.03
Std Dev 4.706
Gaus mean : 29.3133
Gaus Width: 3.5834
Entry
ampl
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2
3
4
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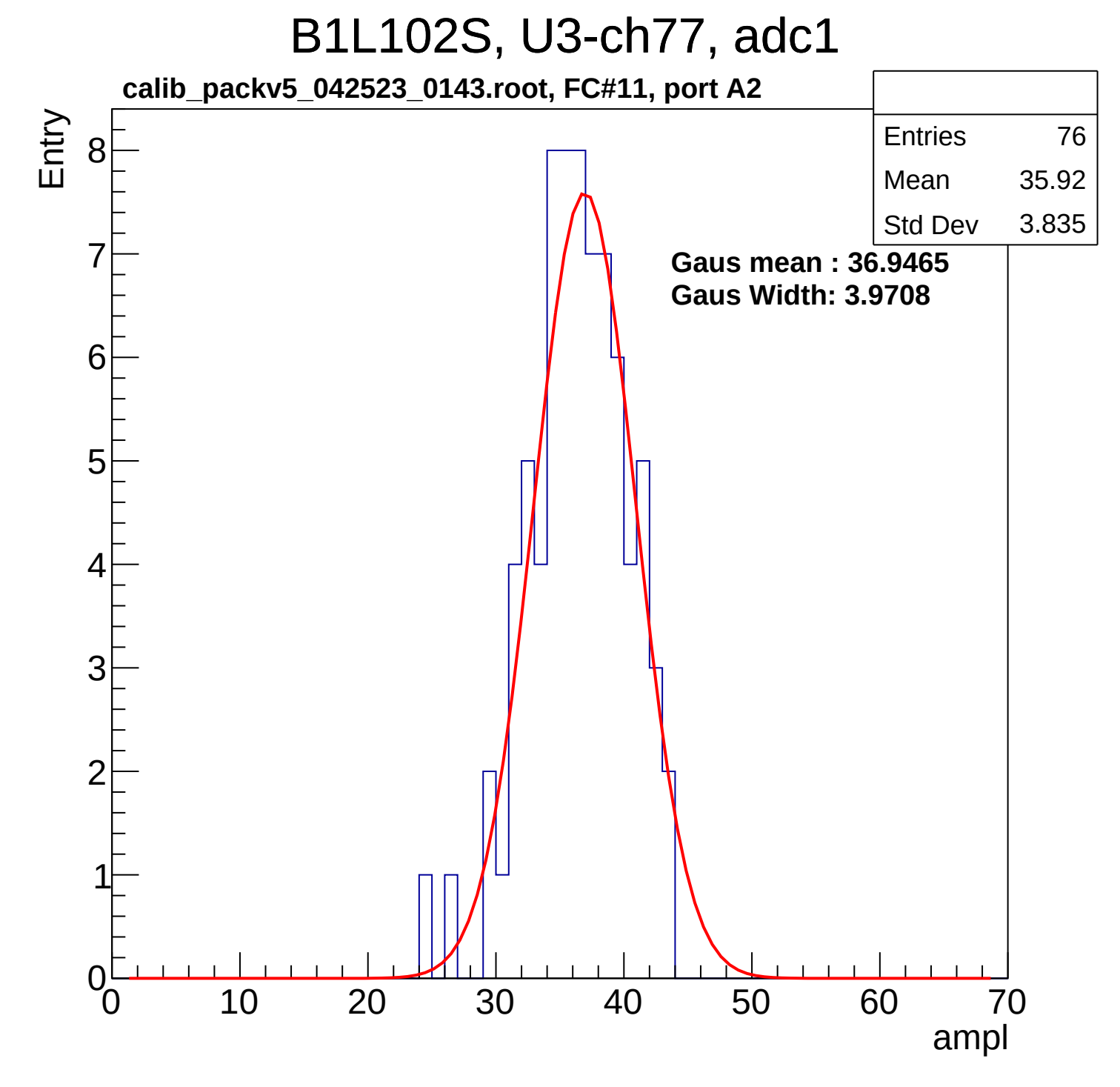
B1L102S, U3-ch77, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 35.92
Std Dev 3.835
Gaus mean : 36.9465
Gaus Width: 3.9708
Entry
ampl
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1
2
3
4
5
6
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0
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60
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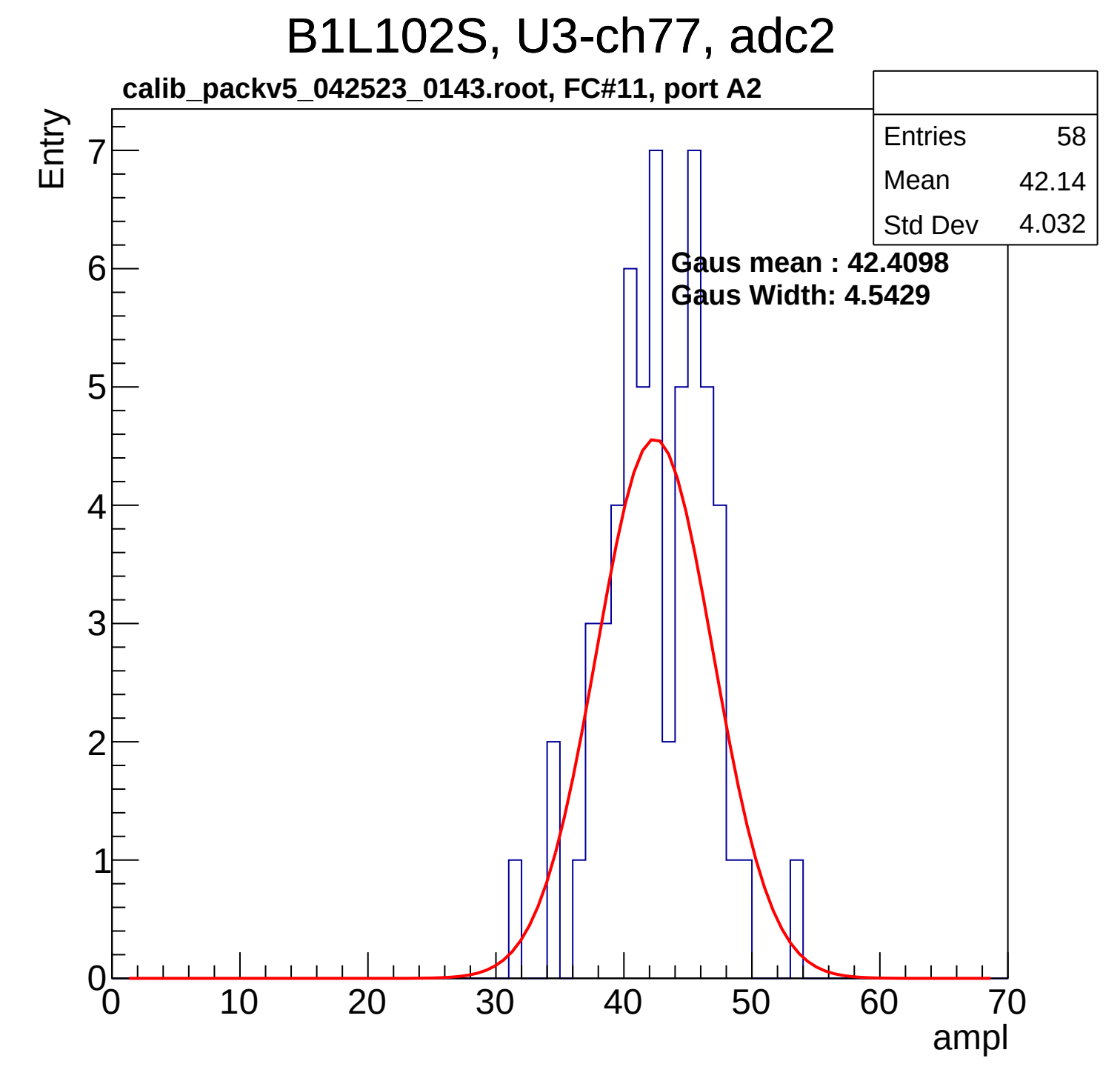
B1L102S, U3-ch77, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 42.14
Std Dev 4.032
Gaus mean : 42.4098
Gaus Width: 4.5429
Entry
ampl
0
1
2
3
4
5
6
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0
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60
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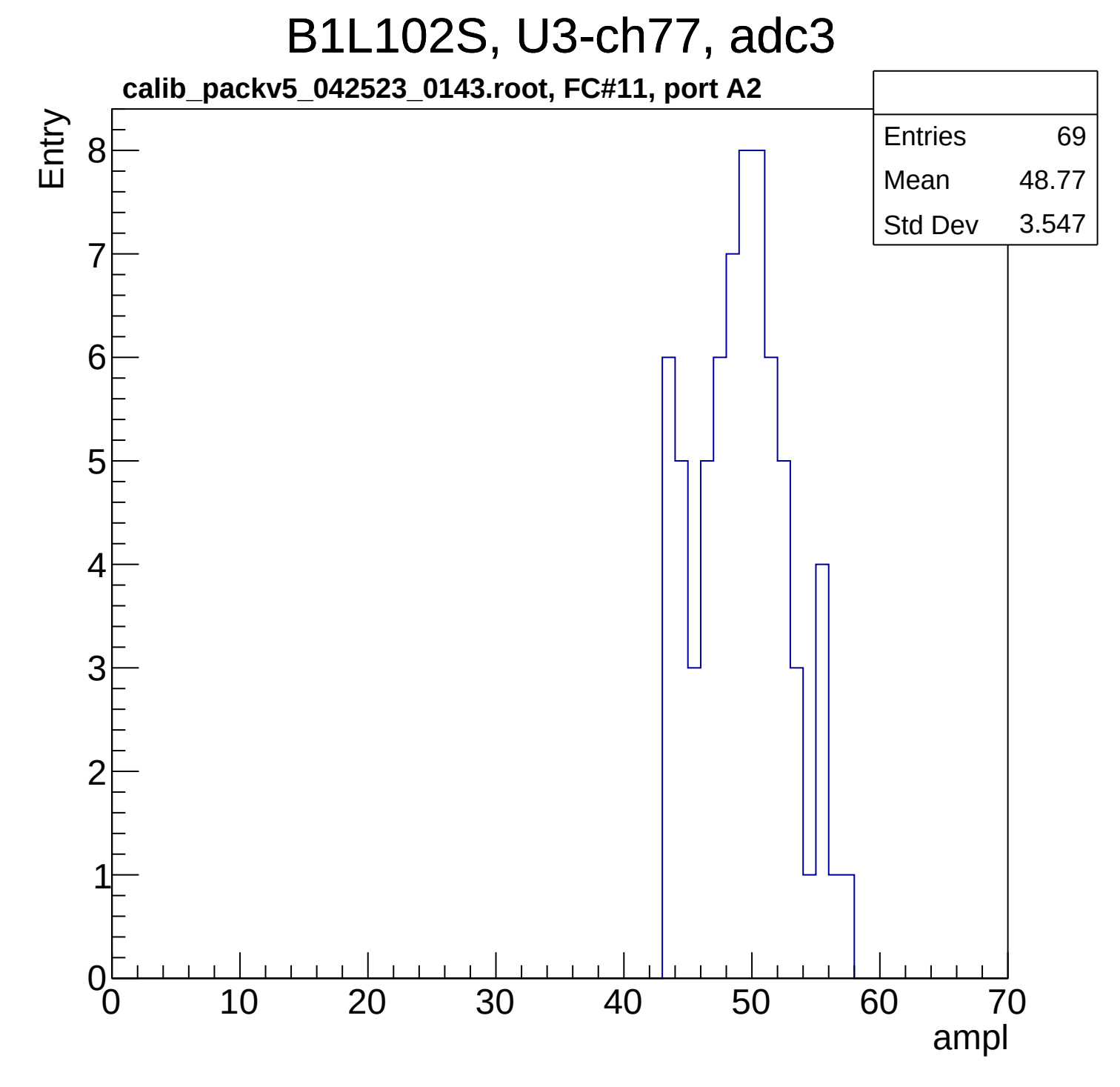
B1L102S, U3-ch77, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 48.77
Std Dev 3.547
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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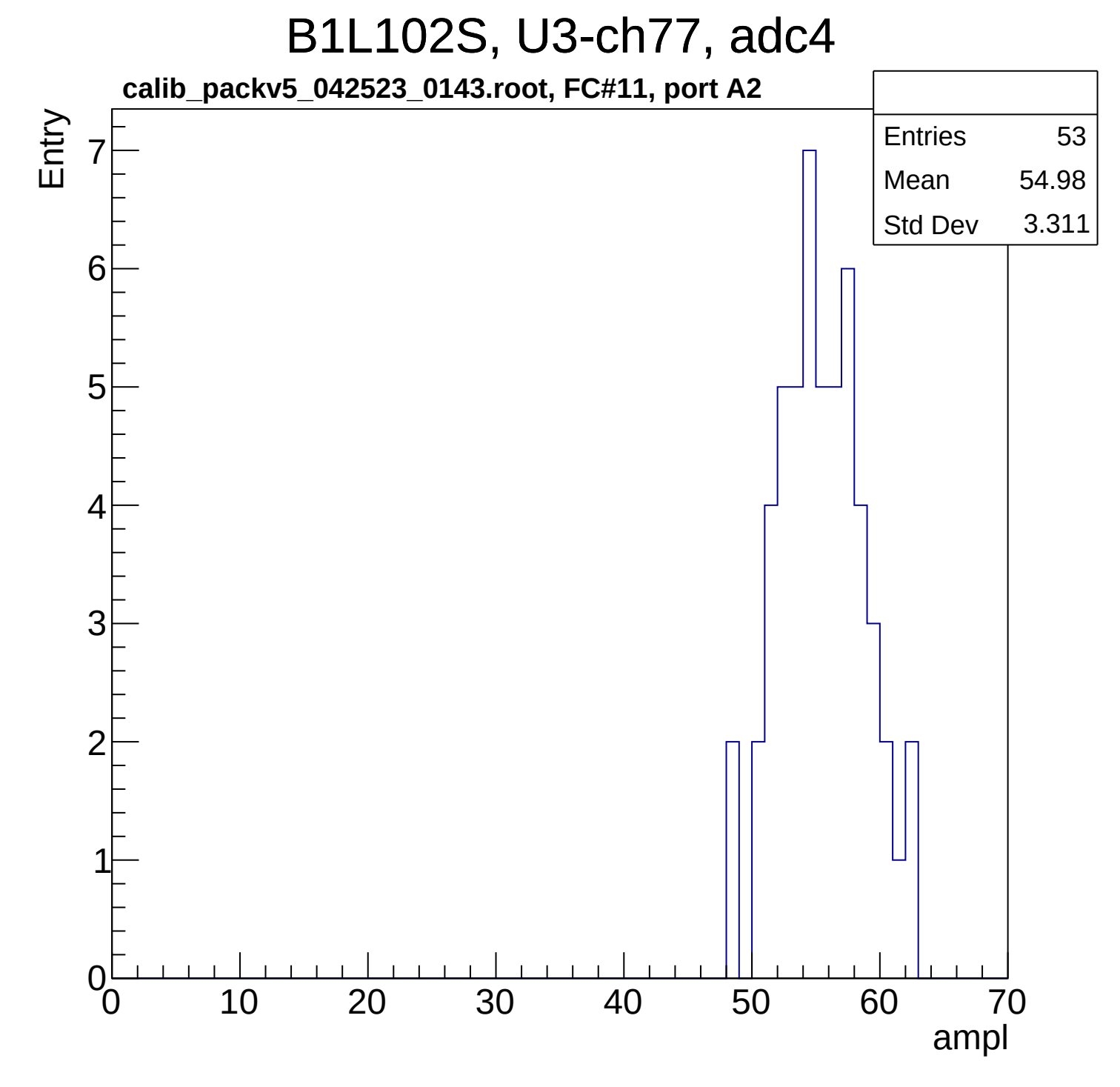
B1L102S, U3-ch77, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 54.98
Std Dev 3.311
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
30
40
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60
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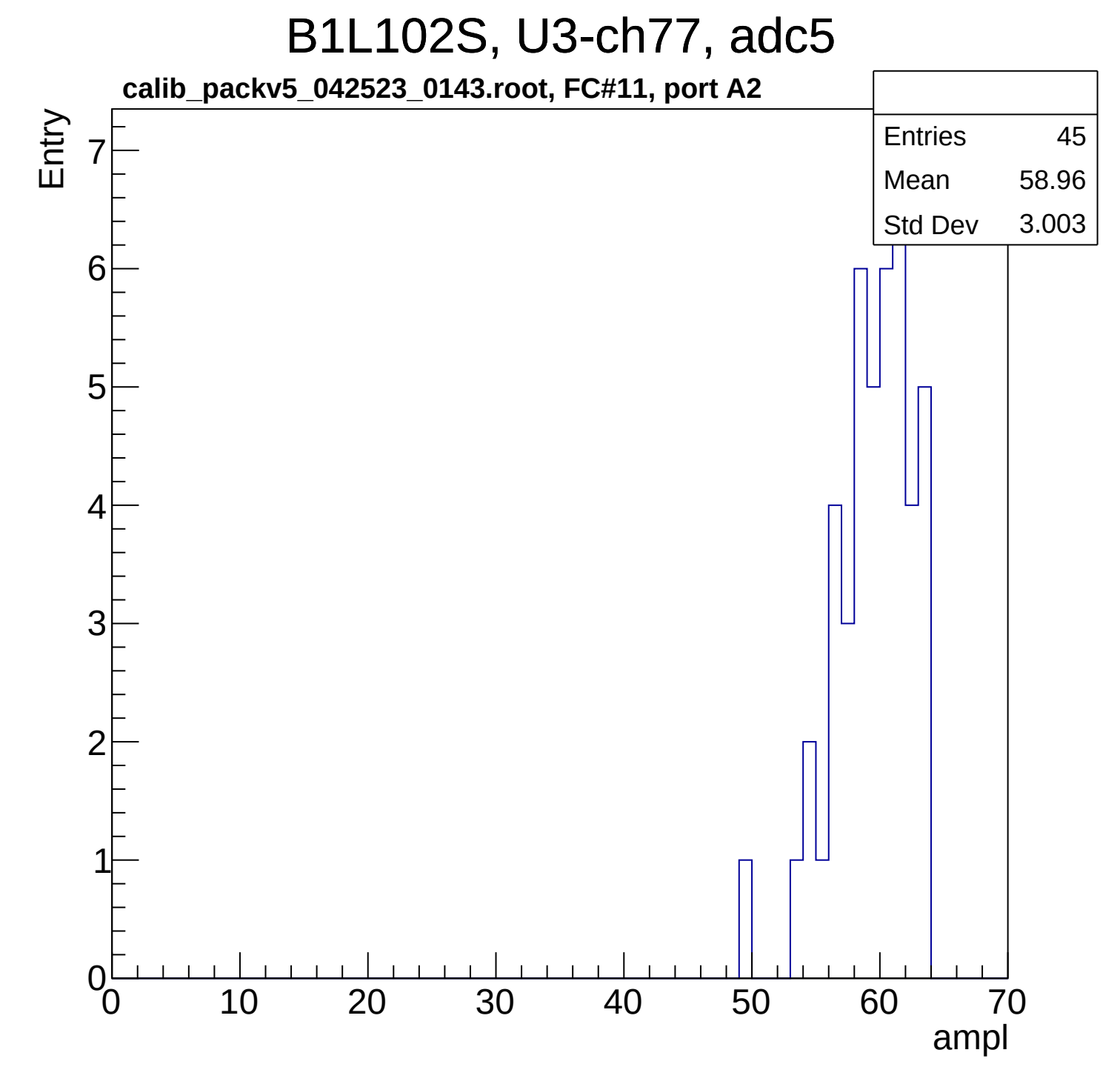
B1L102S, U3-ch77, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 58.96
Std Dev 3.003
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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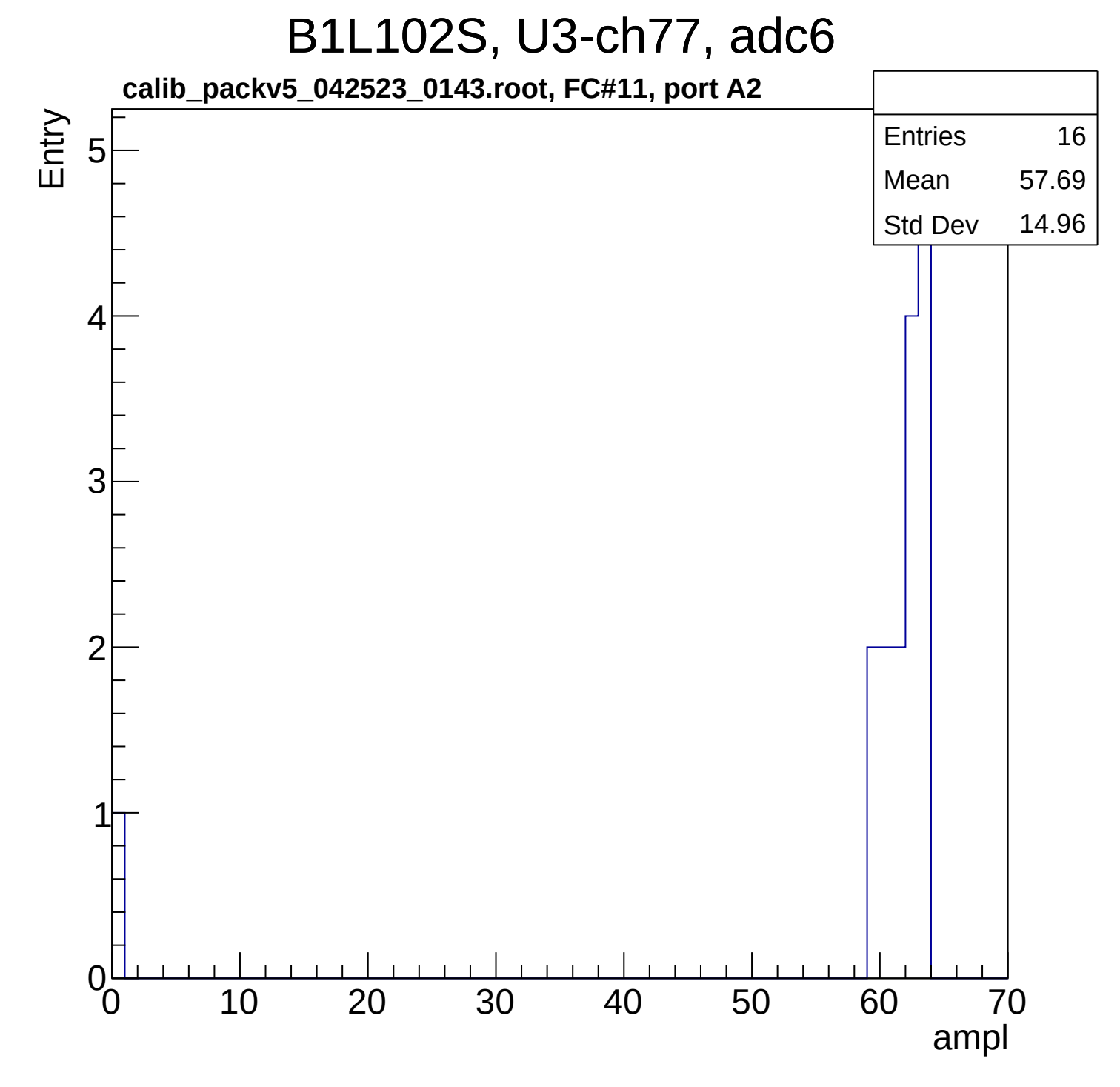
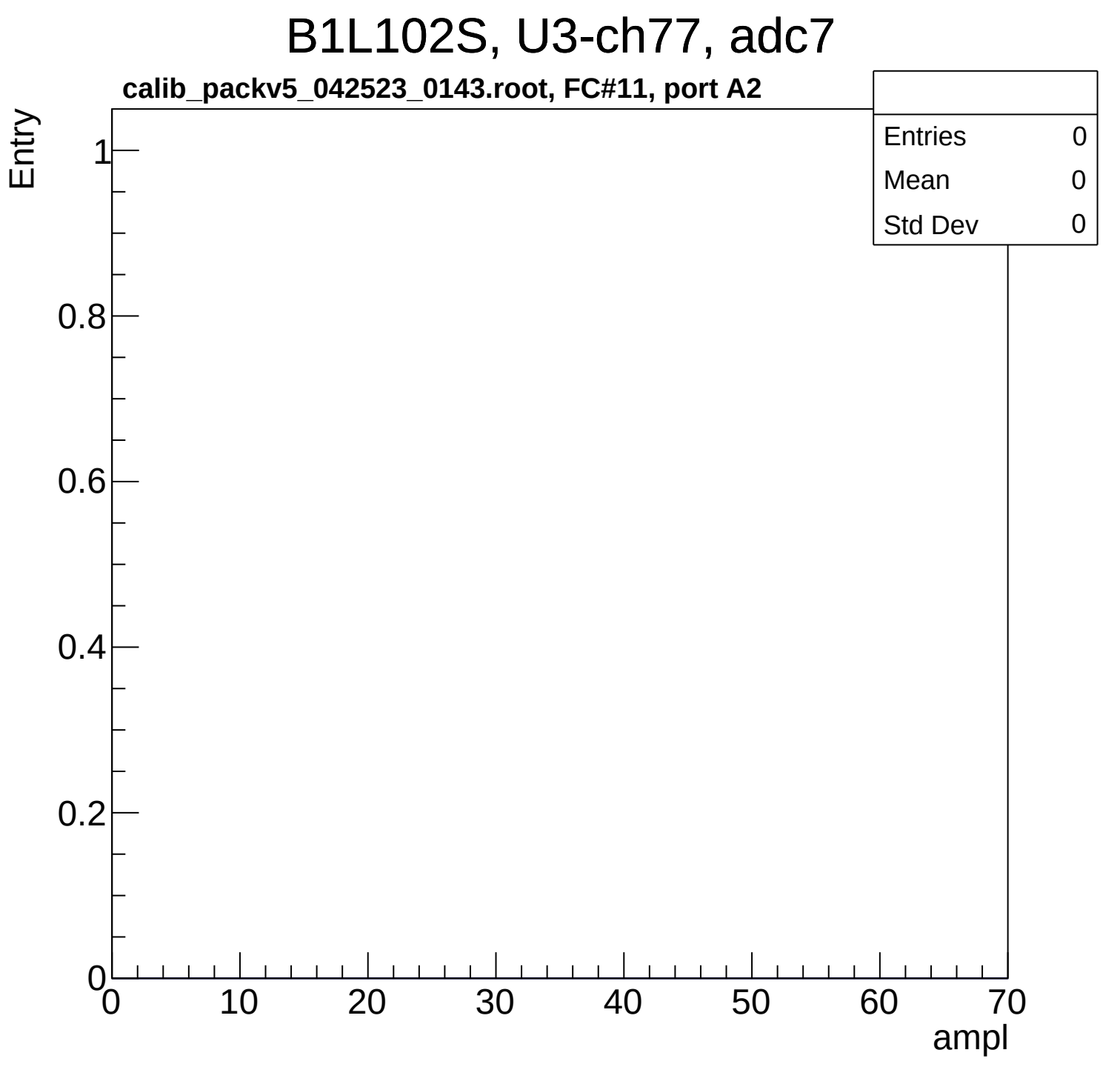
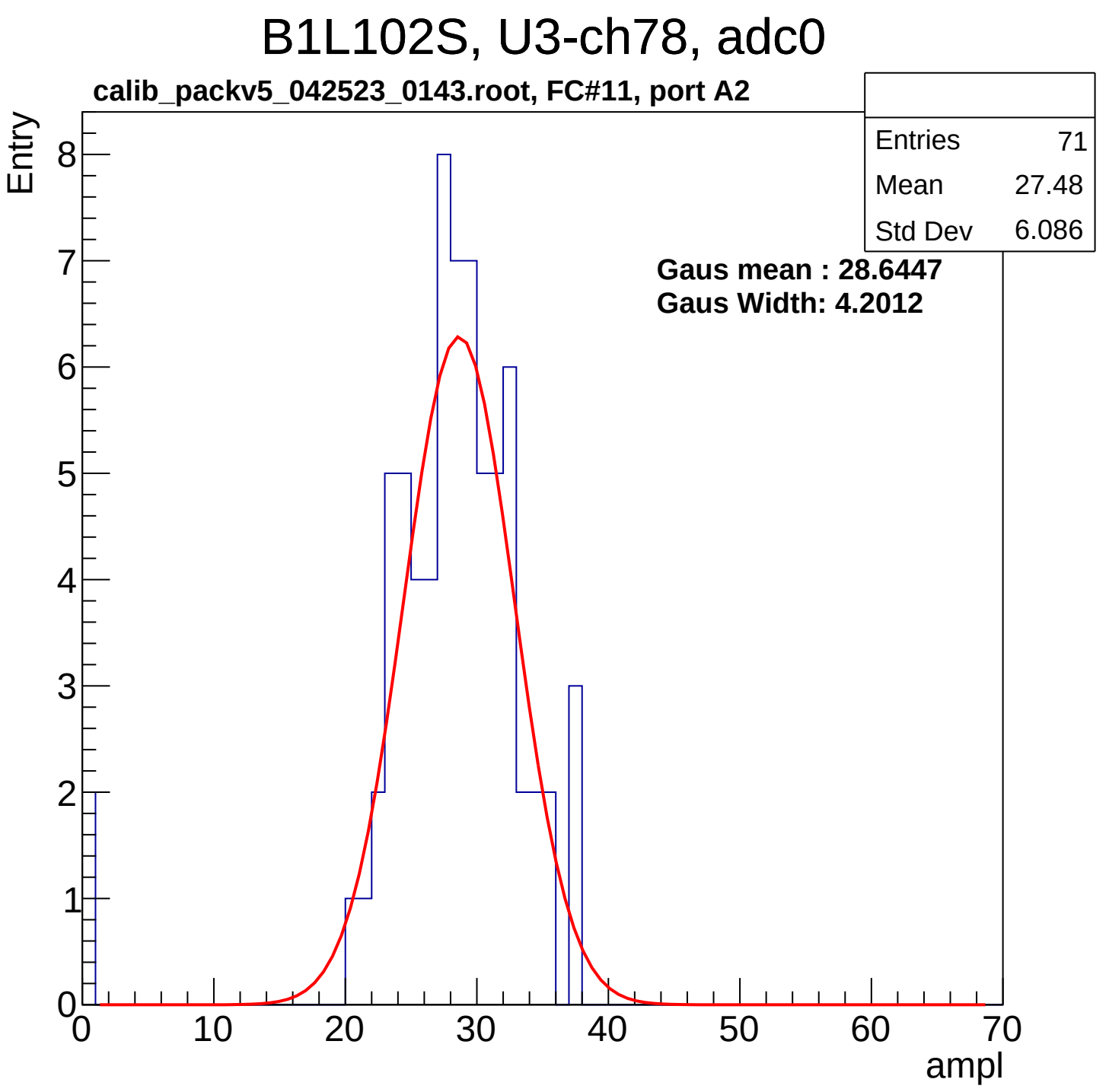

B1L102S, U3-ch77, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 16
Mean 57.69
Std Dev 14.96
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch77, 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, U3-ch78, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 27.48
Std Dev 6.086
Gaus mean : 28.6447
Gaus Width: 4.2012
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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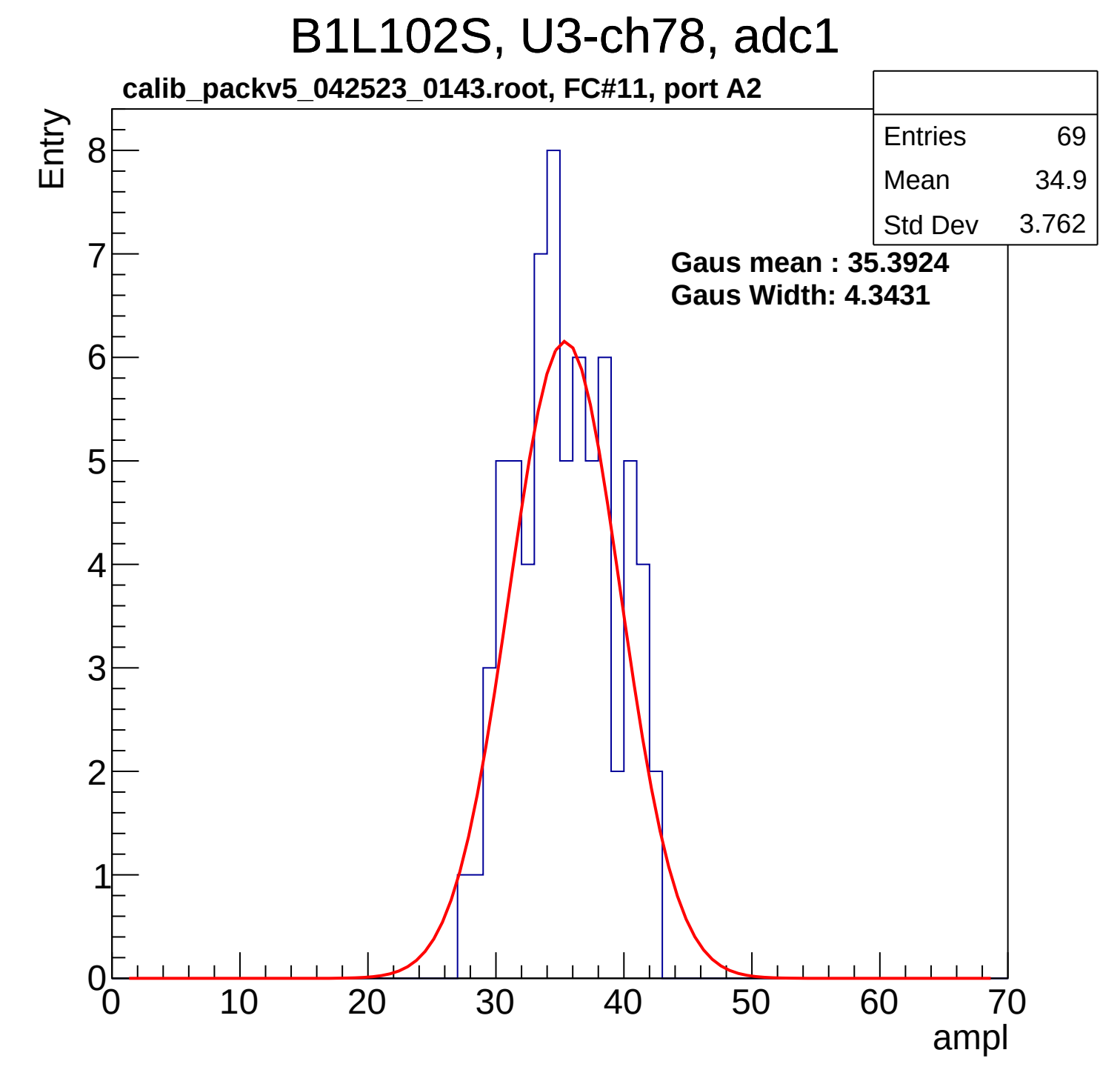
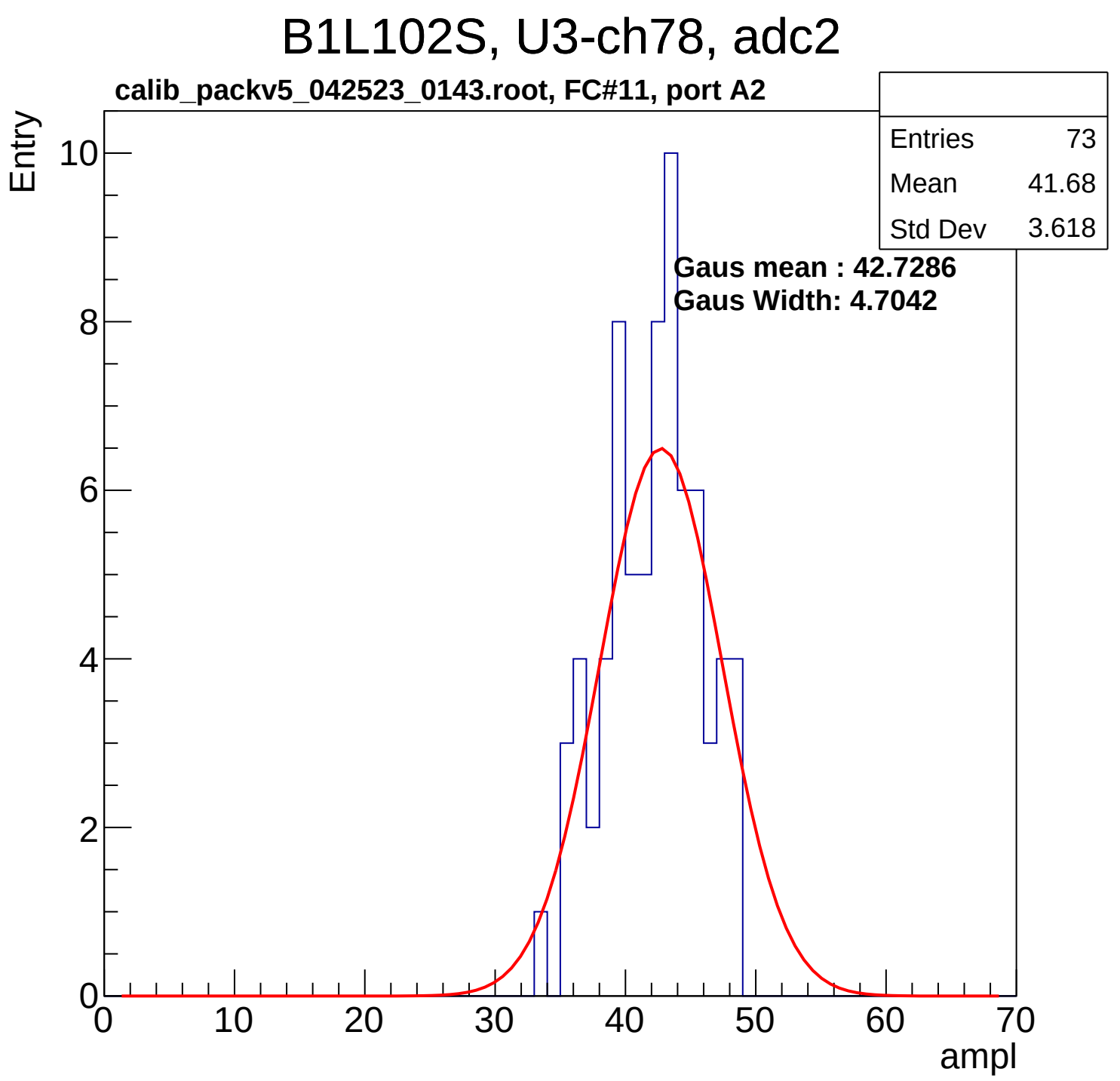
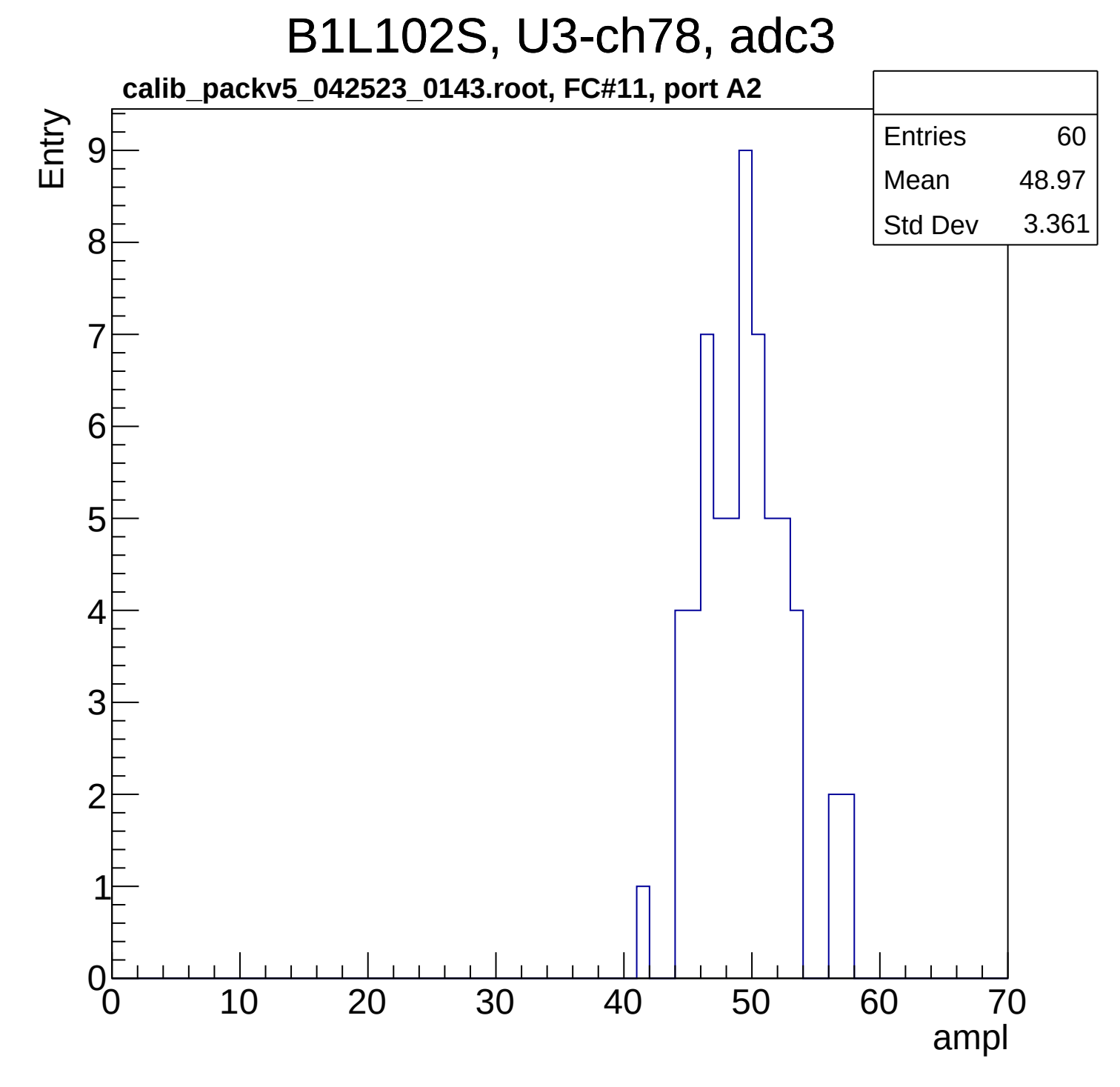
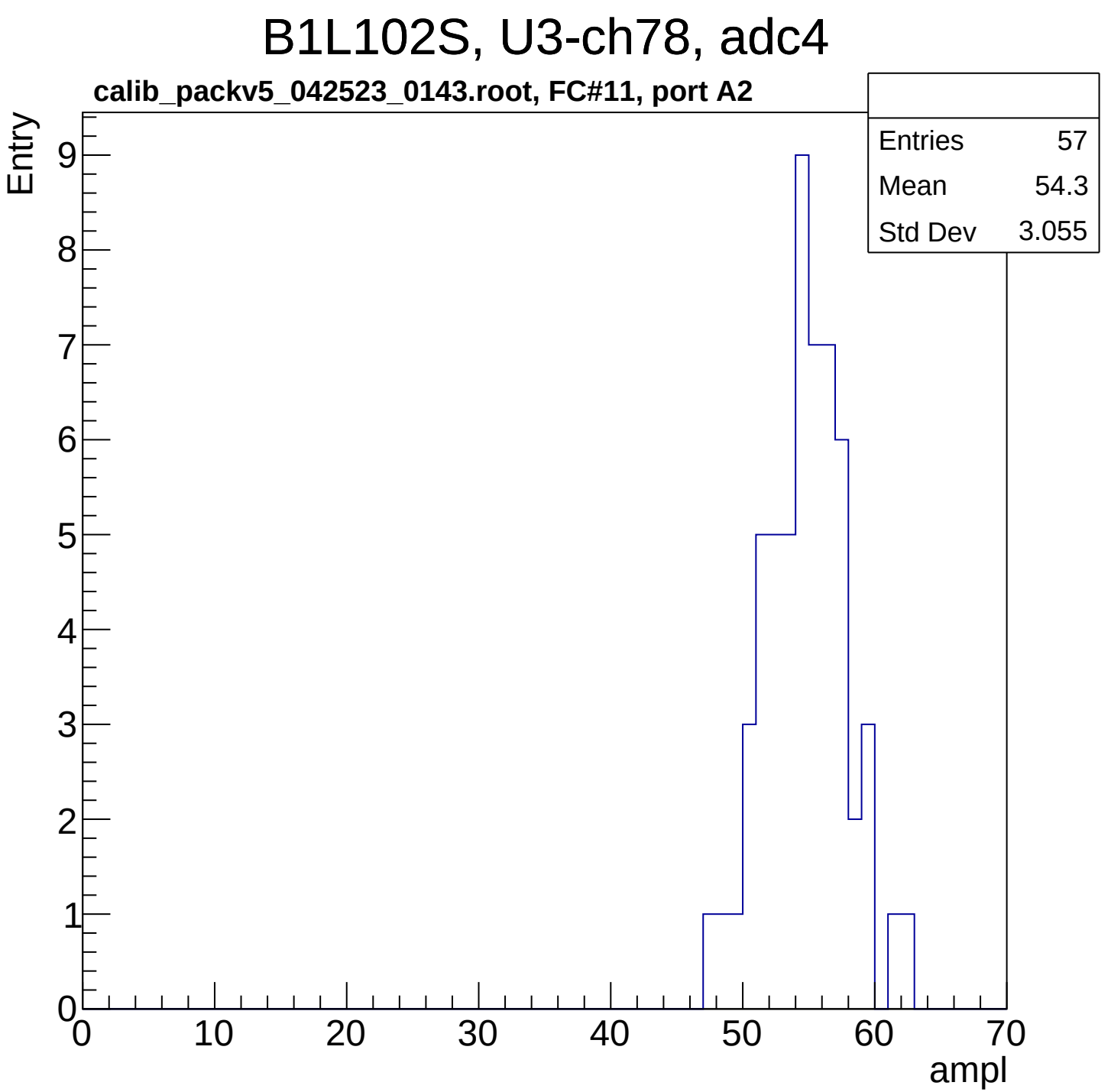
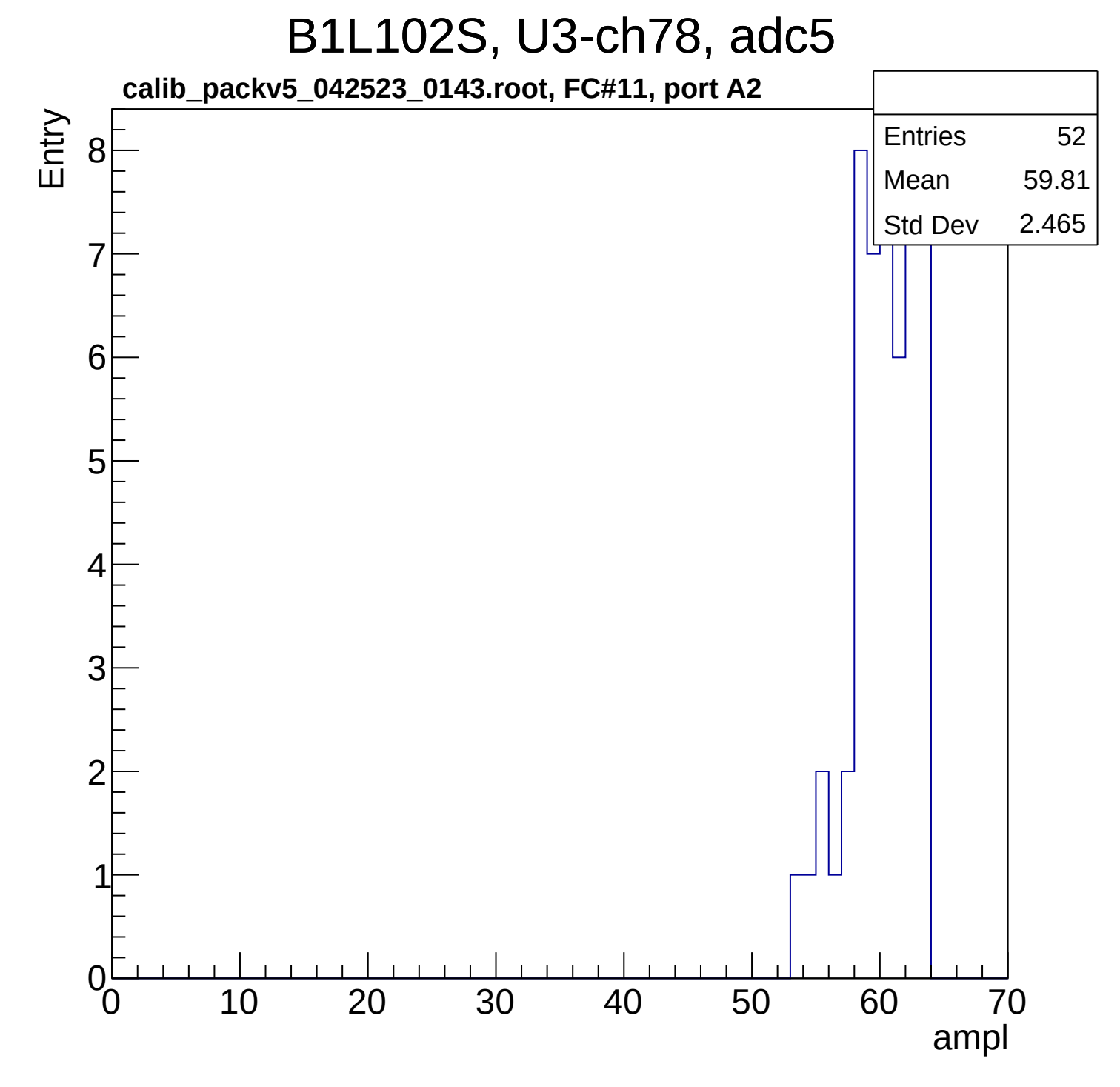
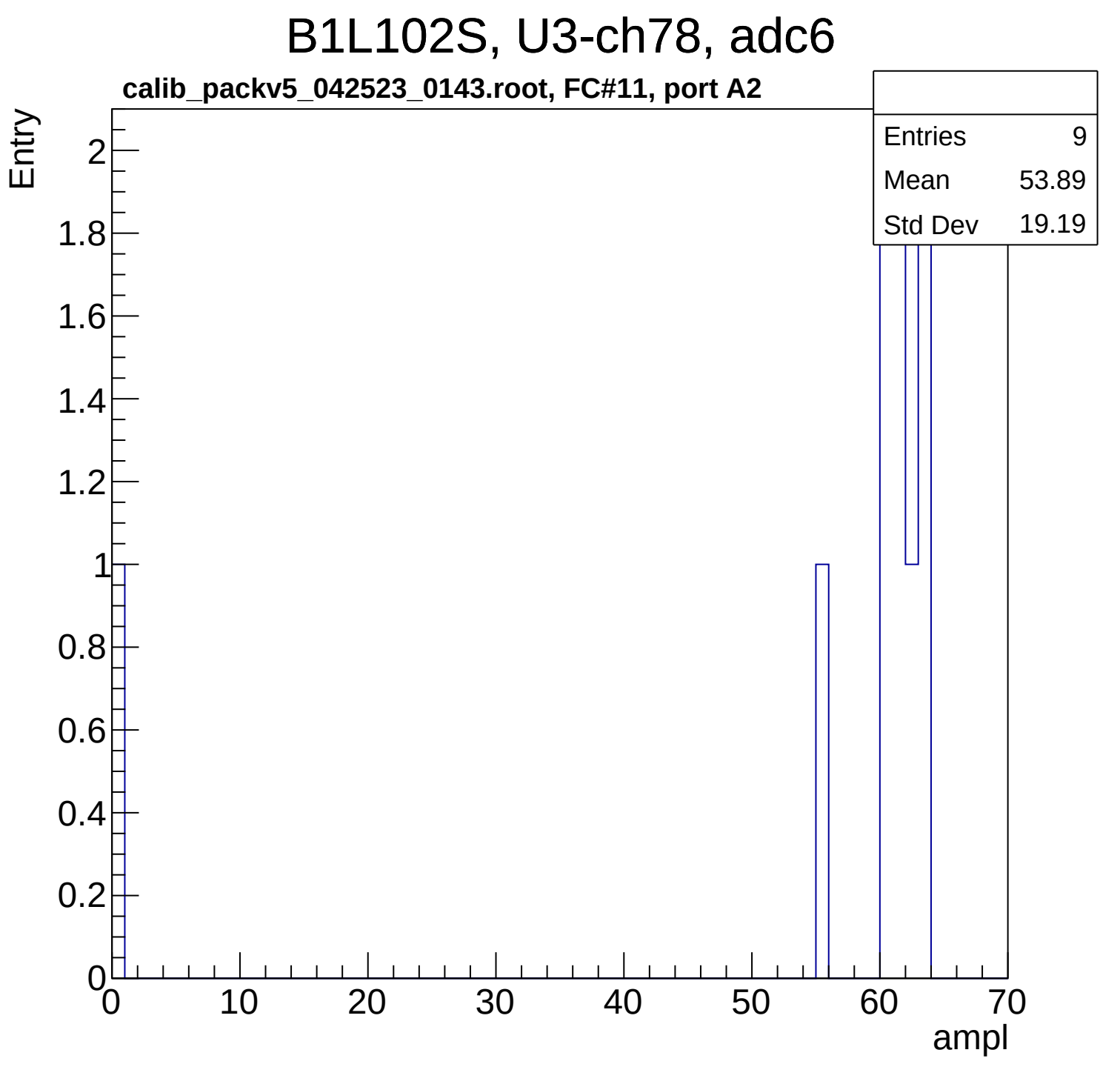

B1L102S, U3-ch78, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 34.9
Std Dev 3.762
Gaus mean : 35.3924
Gaus Width: 4.3431
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

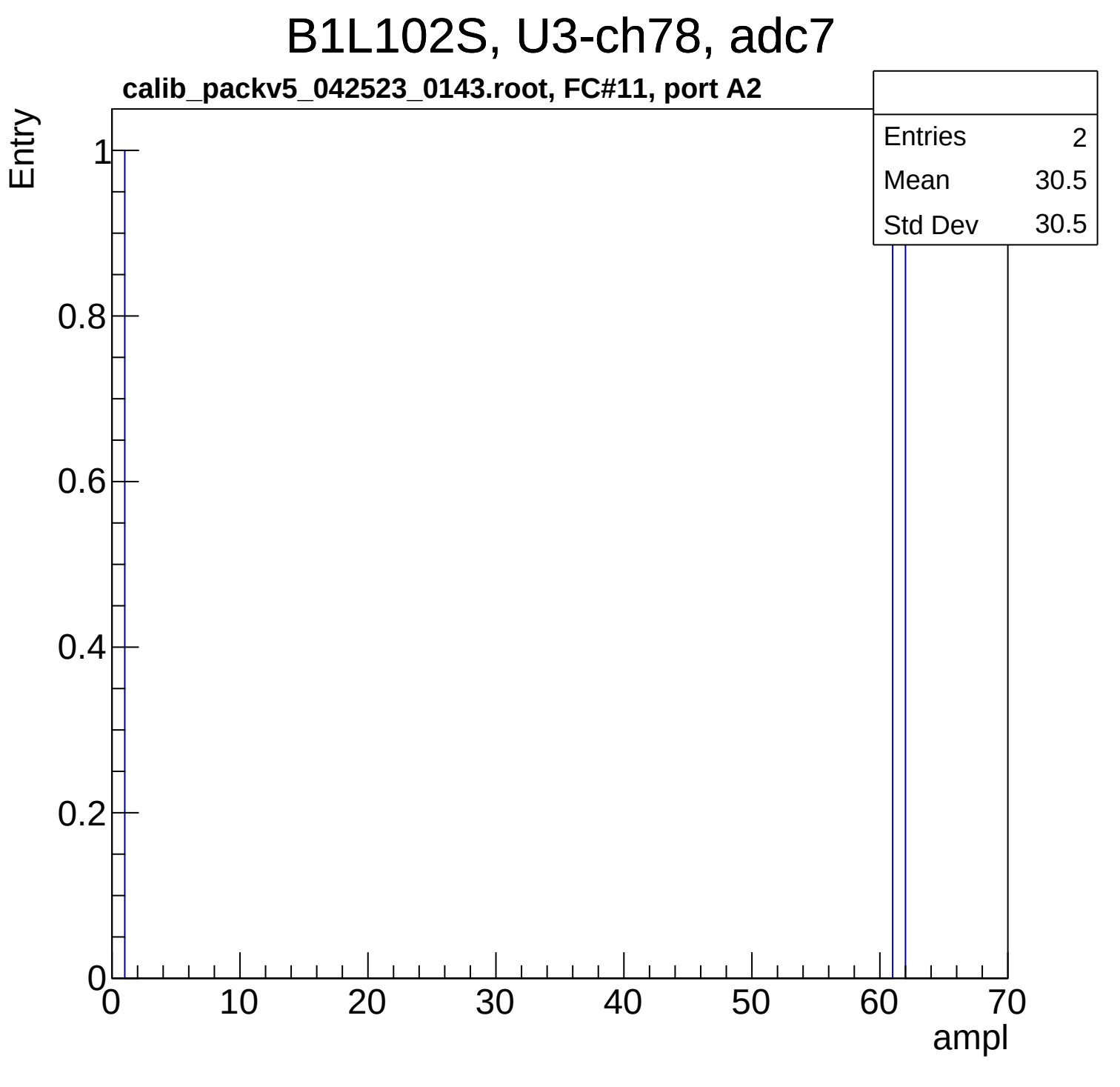

B1L102S, U3-ch78, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 41.68
Std Dev 3.618
Gaus mean : 42.7286
Gaus Width: 4.7042
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch78, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 48.97
Std Dev 3.361
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch78, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 54.3
Std Dev 3.055
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch78, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 59.81
Std Dev 2.465
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch78, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 53.89
Std Dev 19.19
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch78, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 30.5
Std Dev 30.5
Entry
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0.8
0.6
0.4
0.2
0
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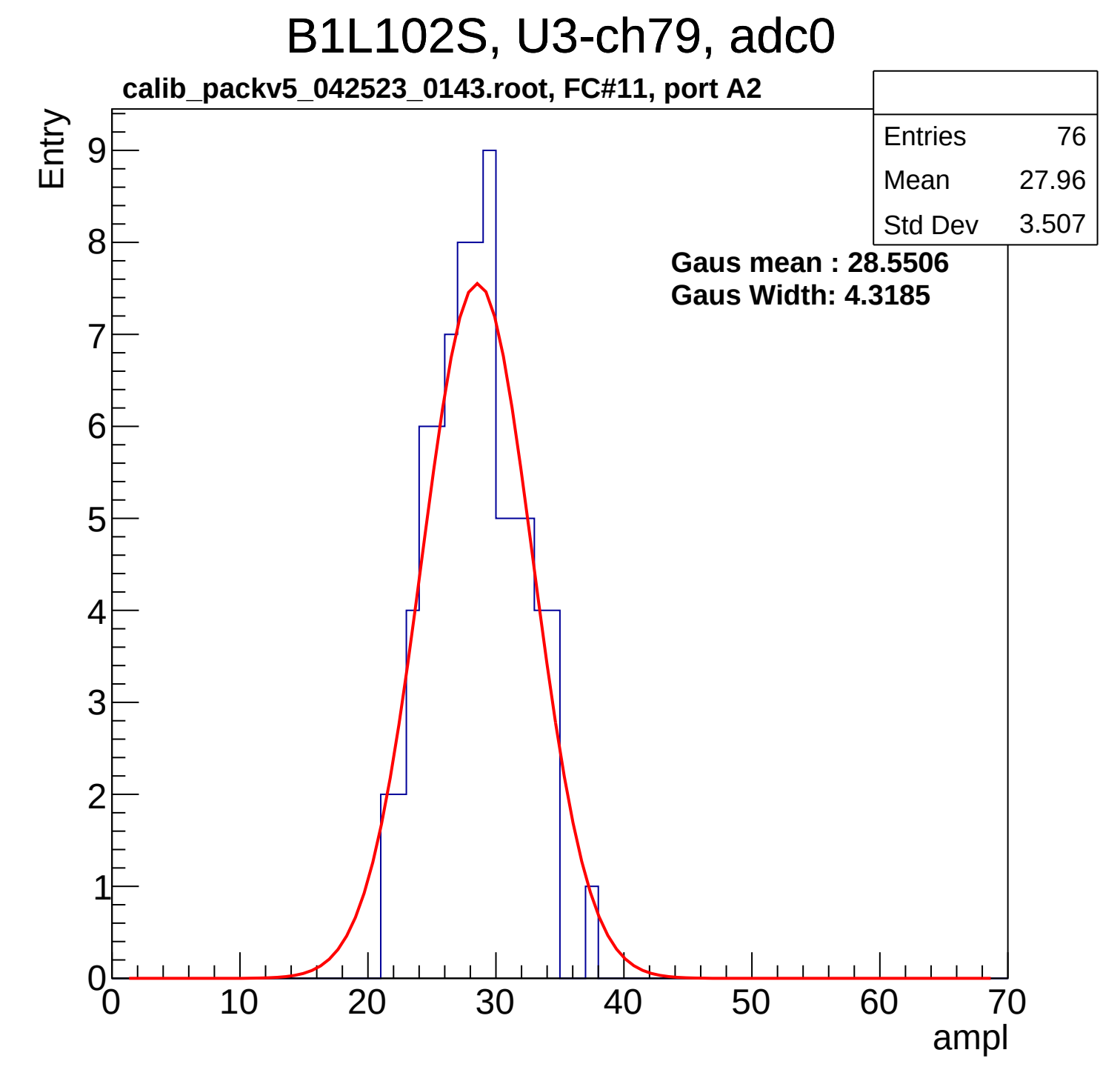
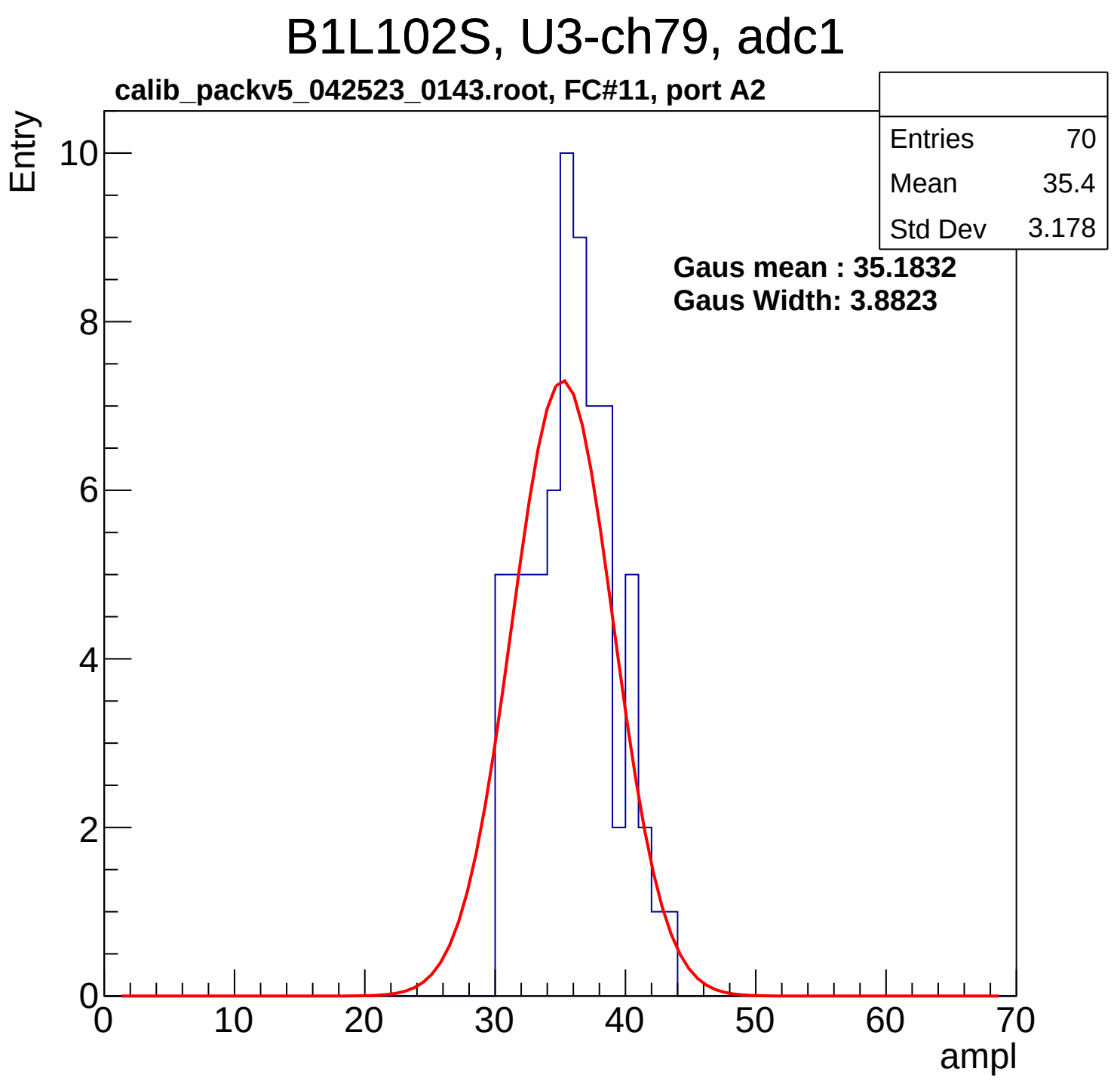
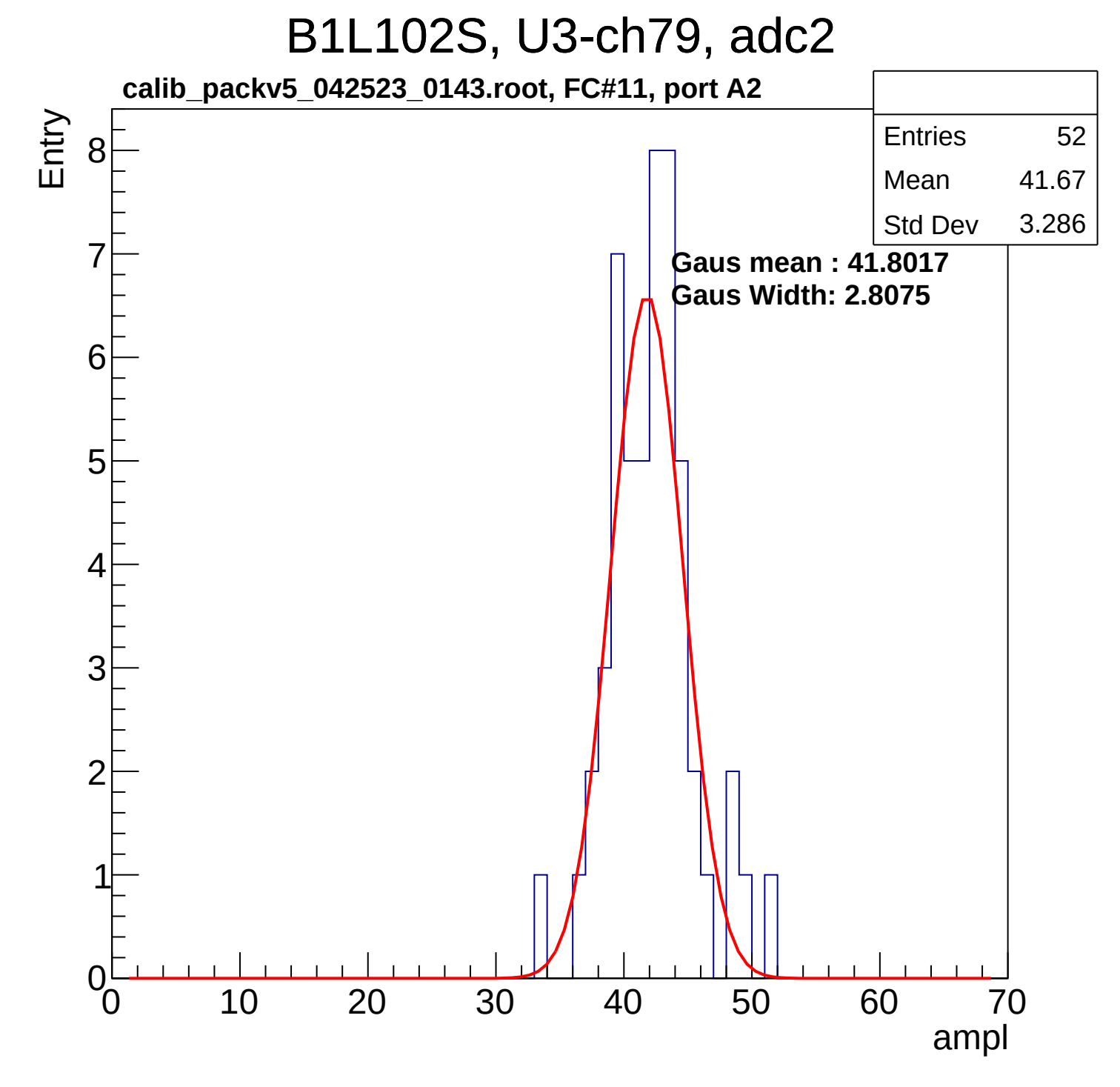
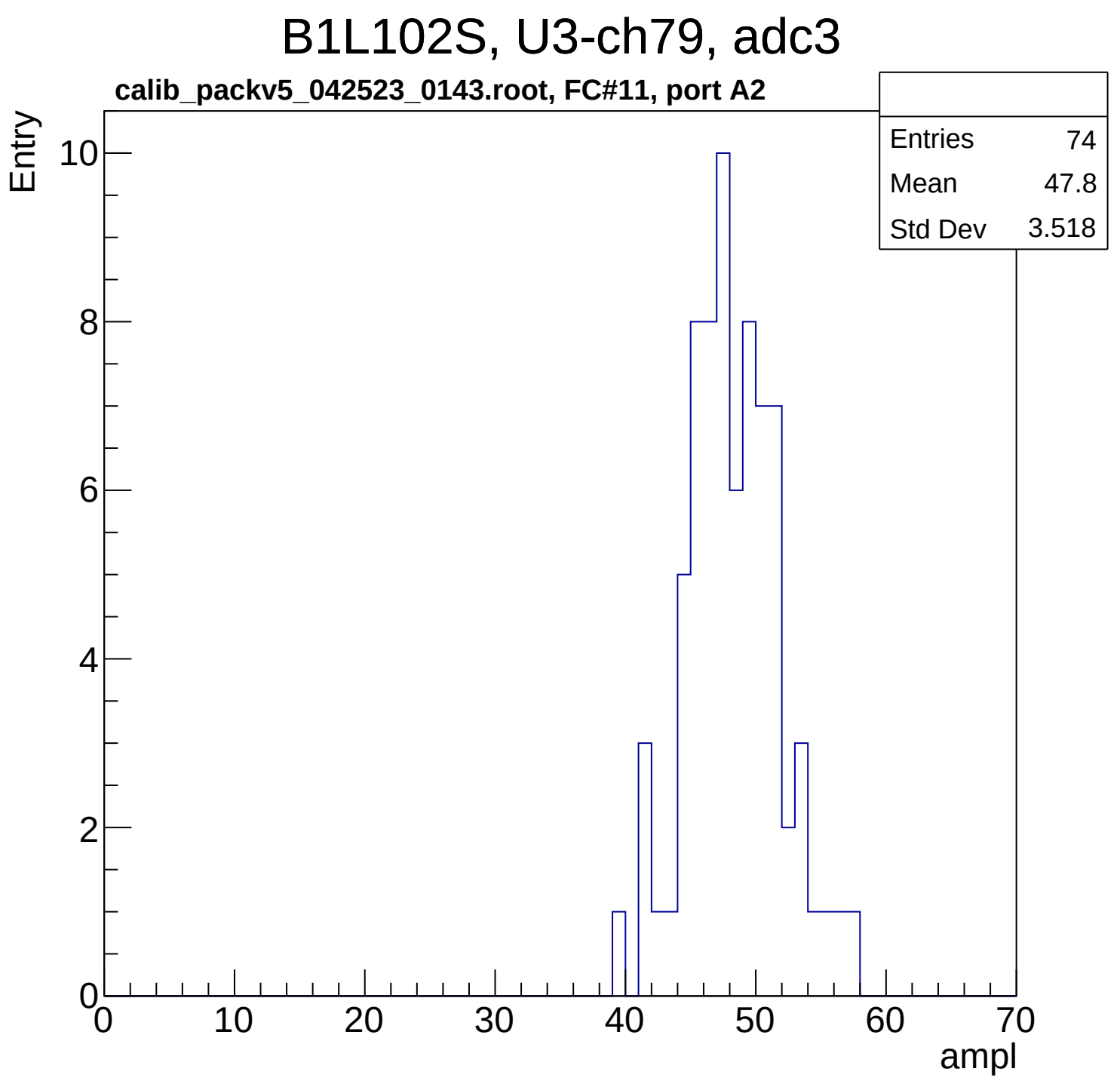
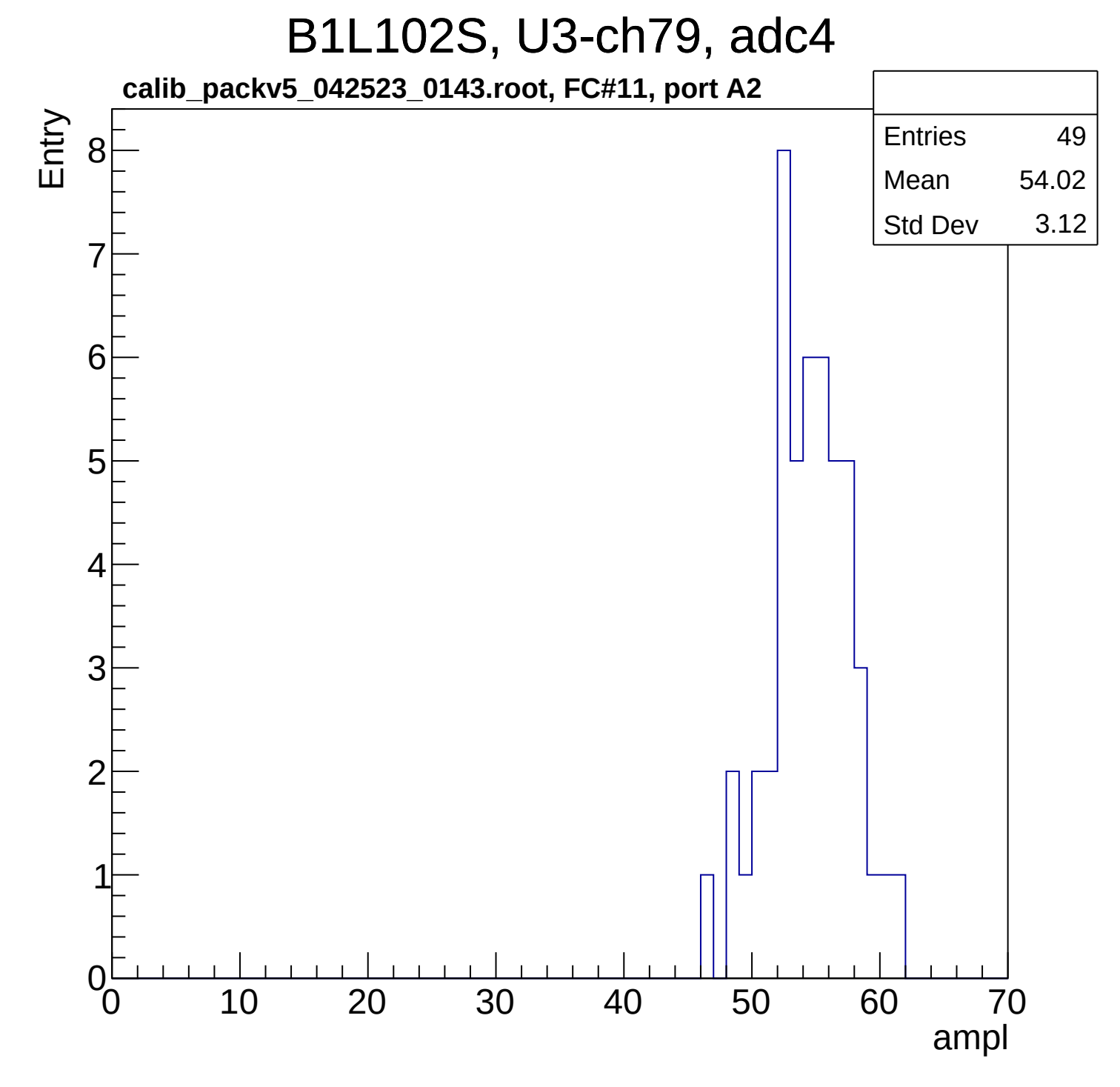
50
60
70
ampl

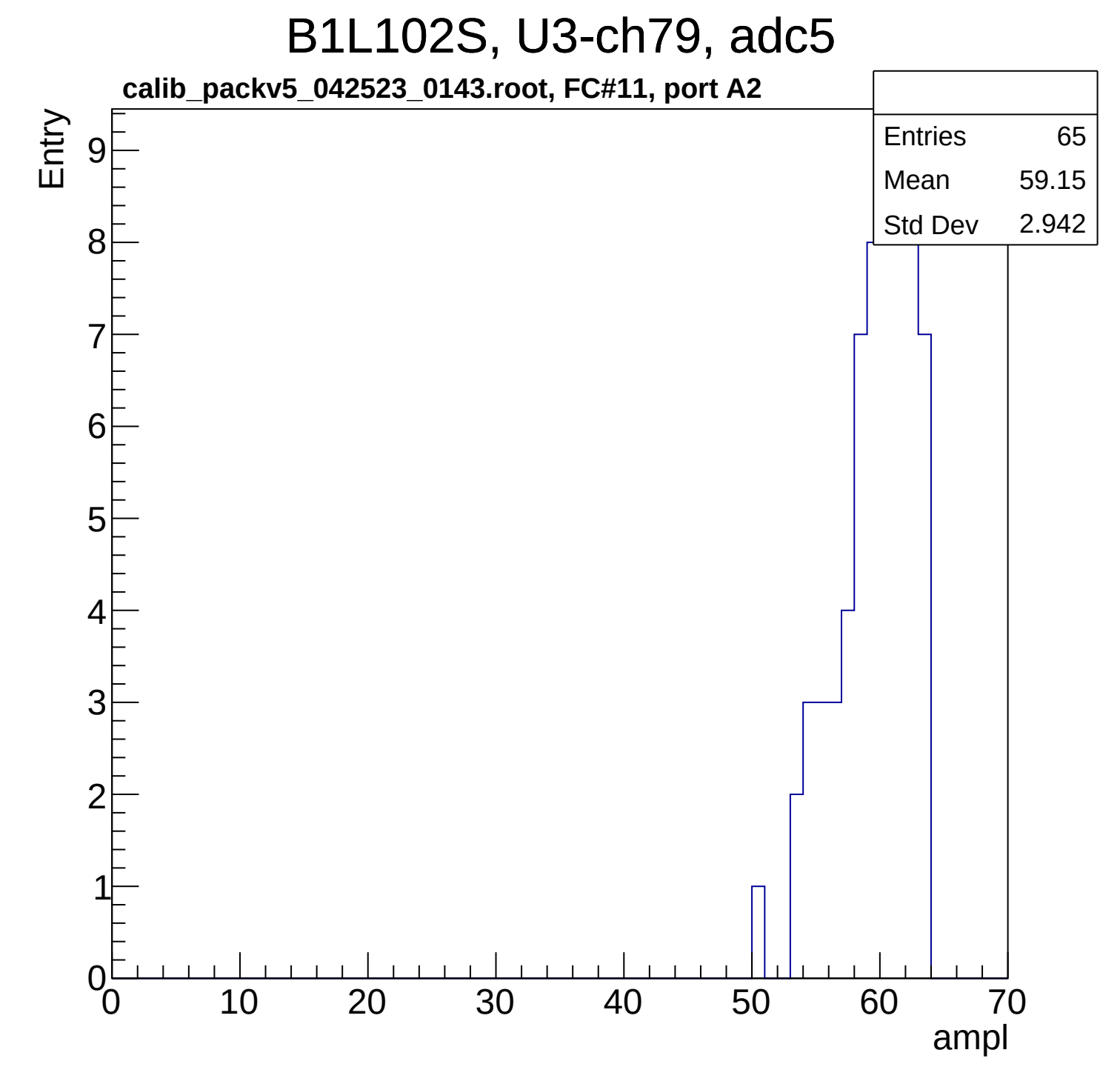

B1L102S, U3-ch79, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 27.96
Std Dev 3.507
Gaus mean : 28.5506
Gaus Width: 4.3185
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch79, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 35.4
Std Dev 3.178
Gaus mean : 35.1832
Gaus Width: 3.8823
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch79, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 41.67
Std Dev 3.286
Gaus mean : 41.8017
Gaus Width: 2.8075
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch79, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 47.8
Std Dev 3.518
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch79, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 54.02
Std Dev 3.12
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch79, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 59.15
Std Dev 2.942
Entry
ampl
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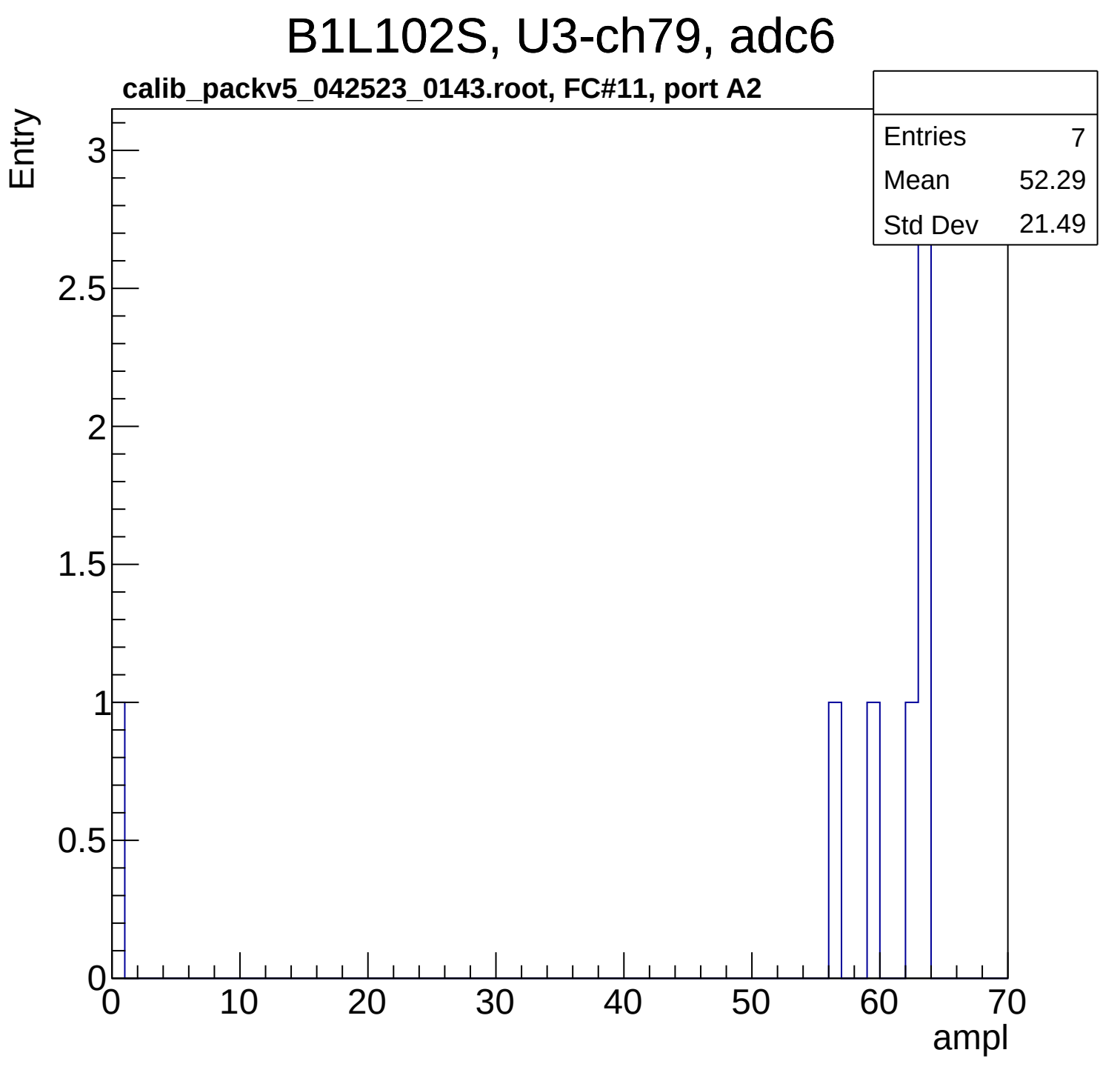
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch79, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 52.29
Std Dev 21.49
Entry
ampl
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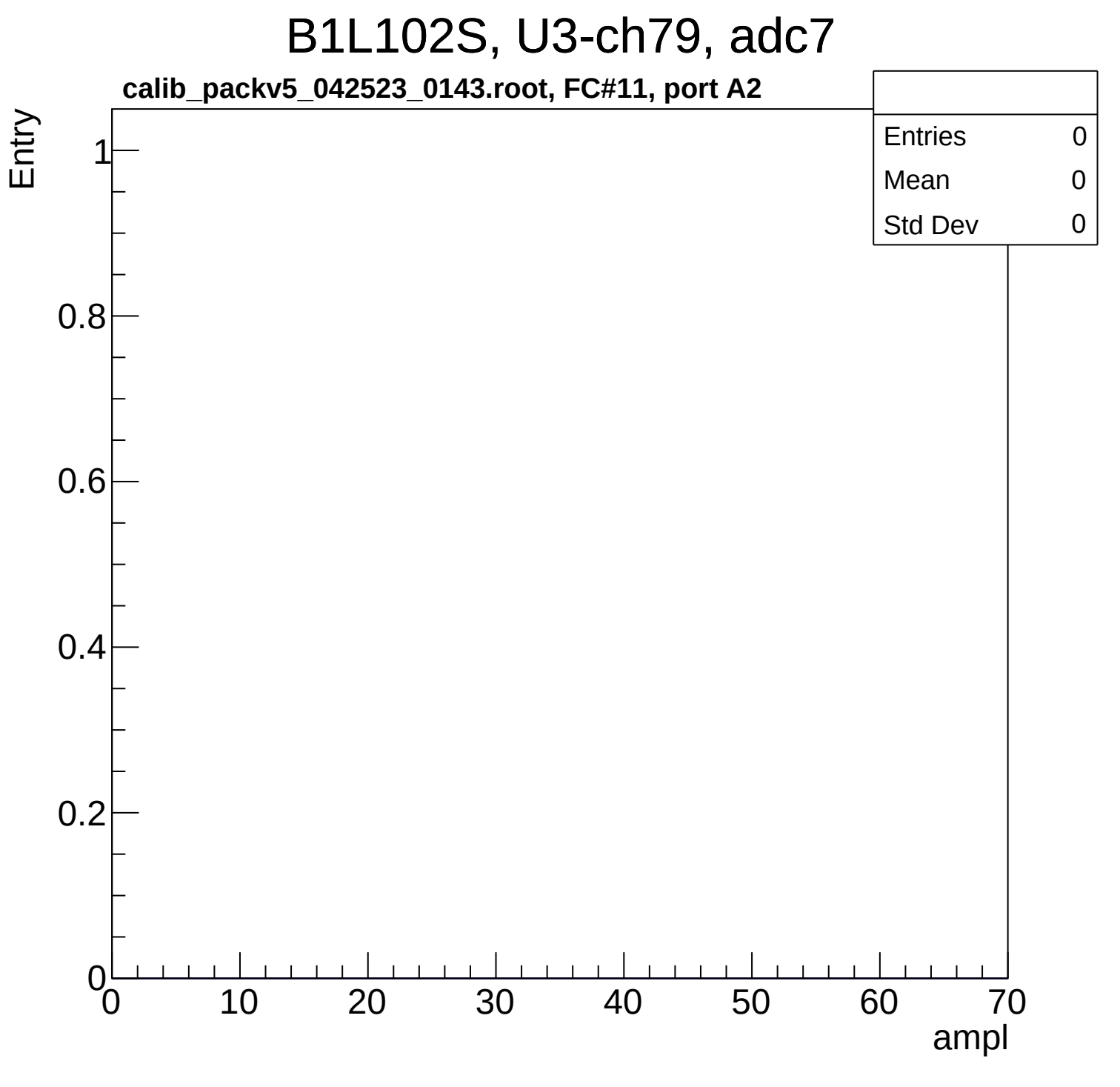
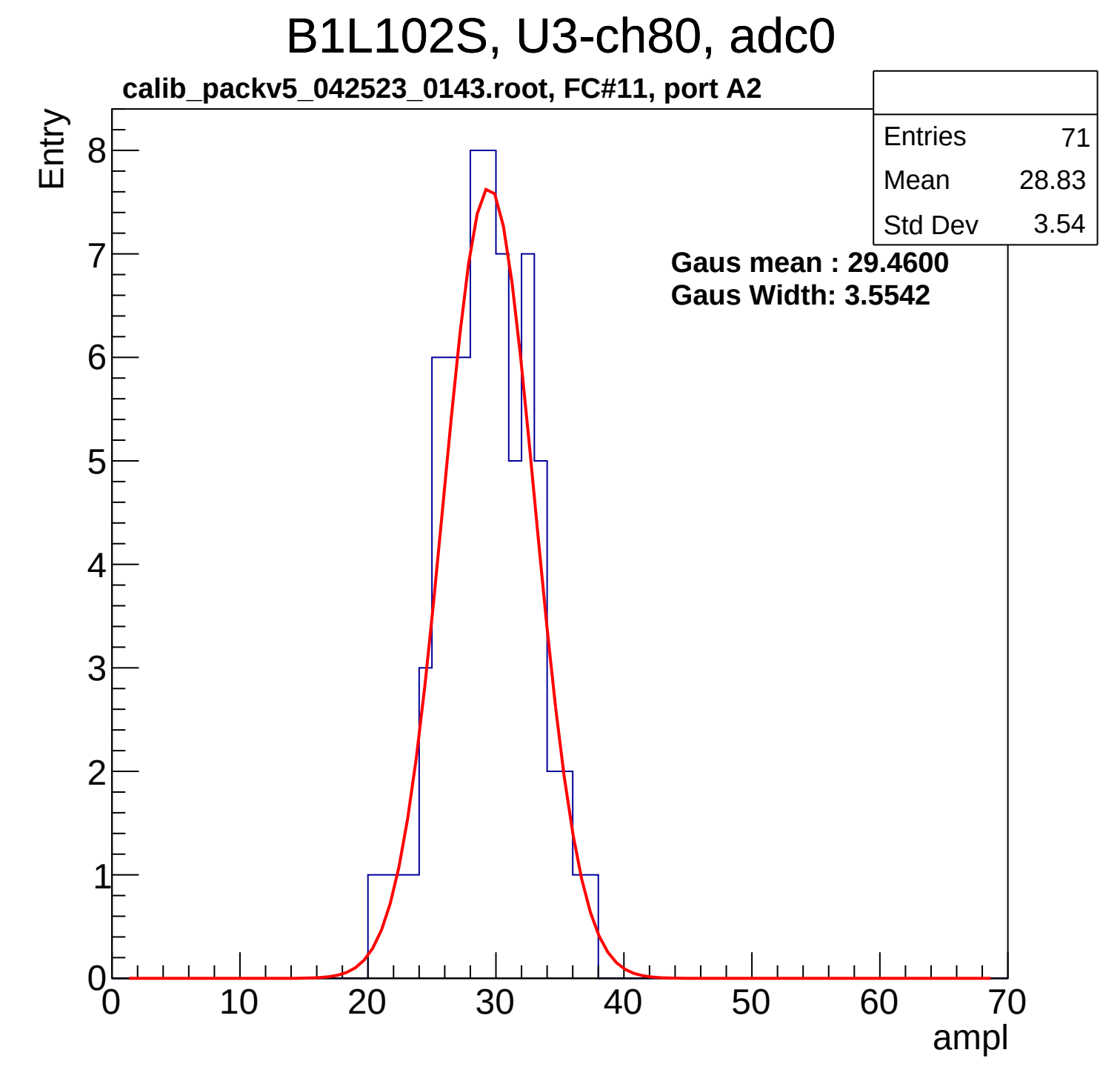
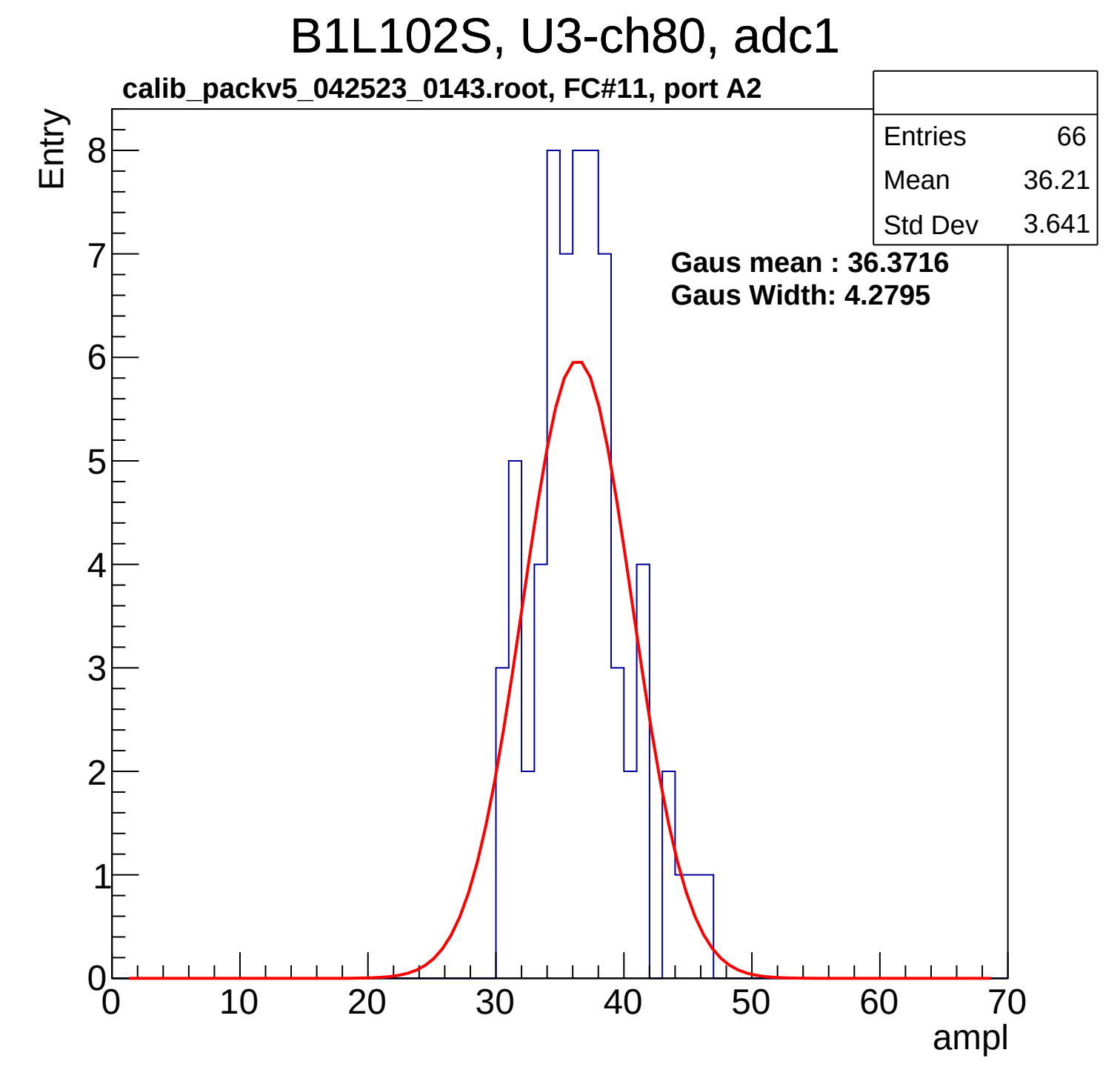
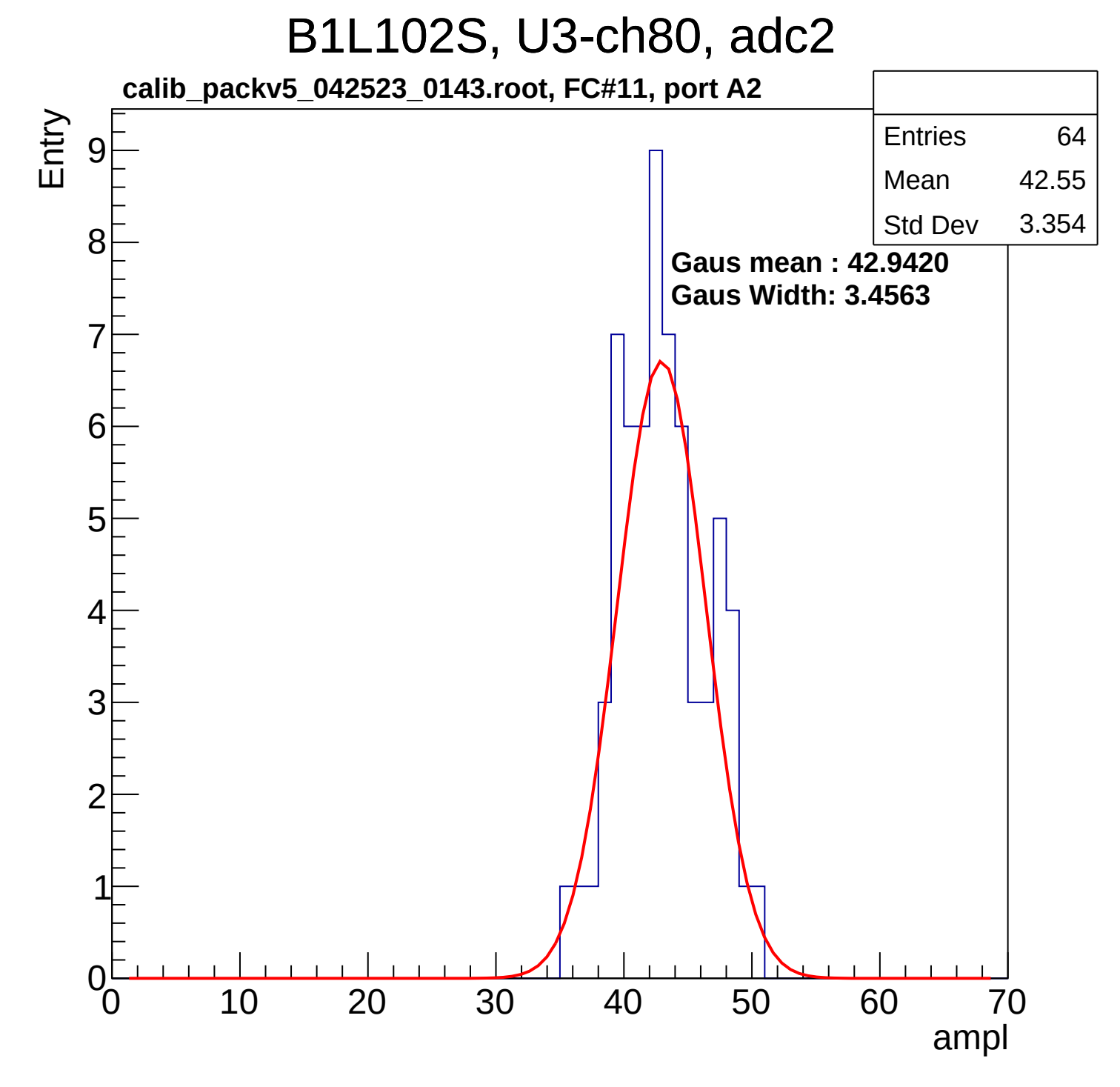
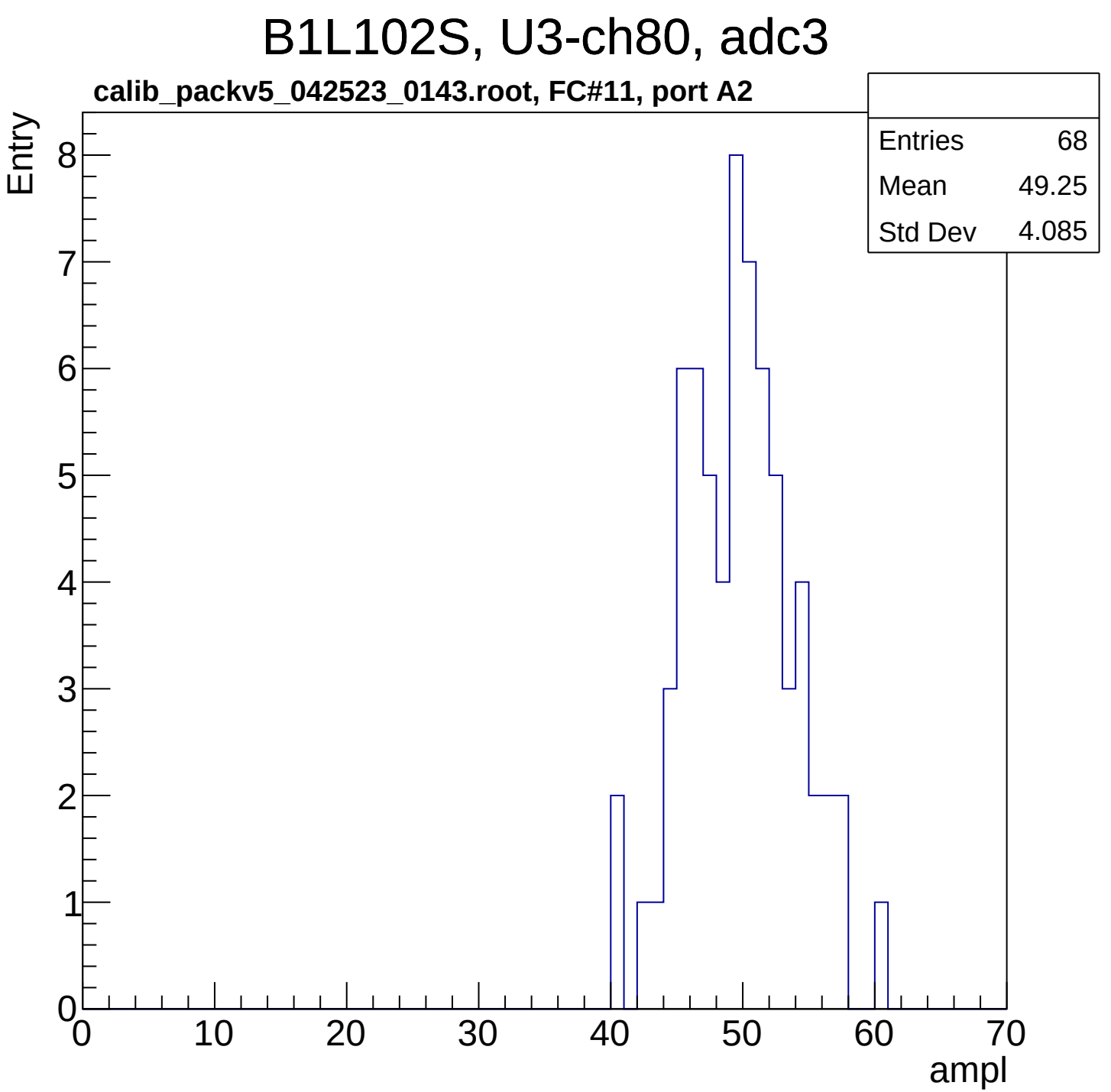
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch79, 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, U3-ch80, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 28.83
Std Dev 3.54
Gaus mean : 29.4600
Gaus Width: 3.5542
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch80, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 36.21
Std Dev 3.641
Gaus mean : 36.3716
Gaus Width: 4.2795
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch80, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 42.55
Std Dev 3.354
Gaus mean : 42.9420
Gaus Width: 3.4563
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch80, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 49.25
Std Dev 4.085
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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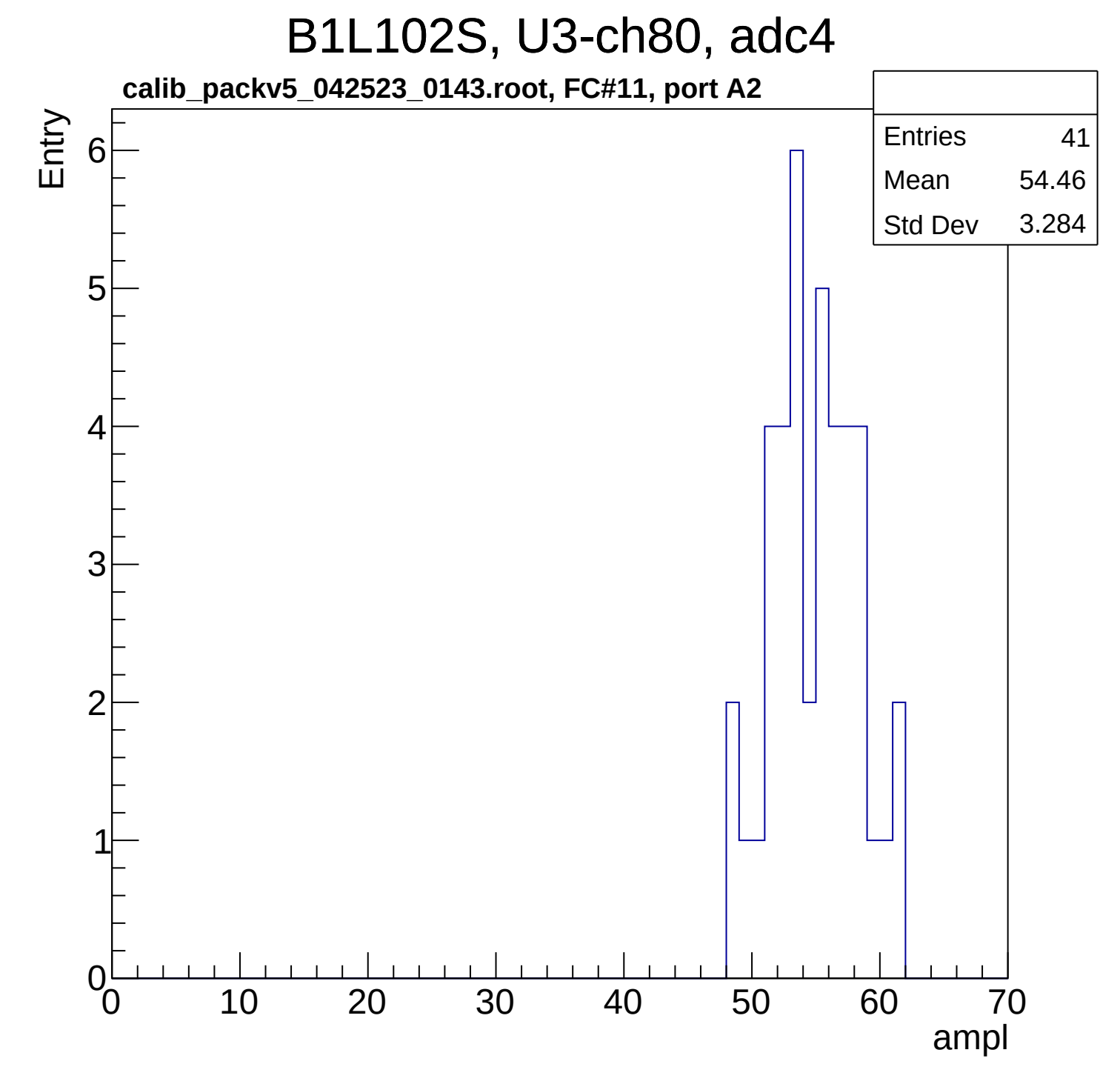
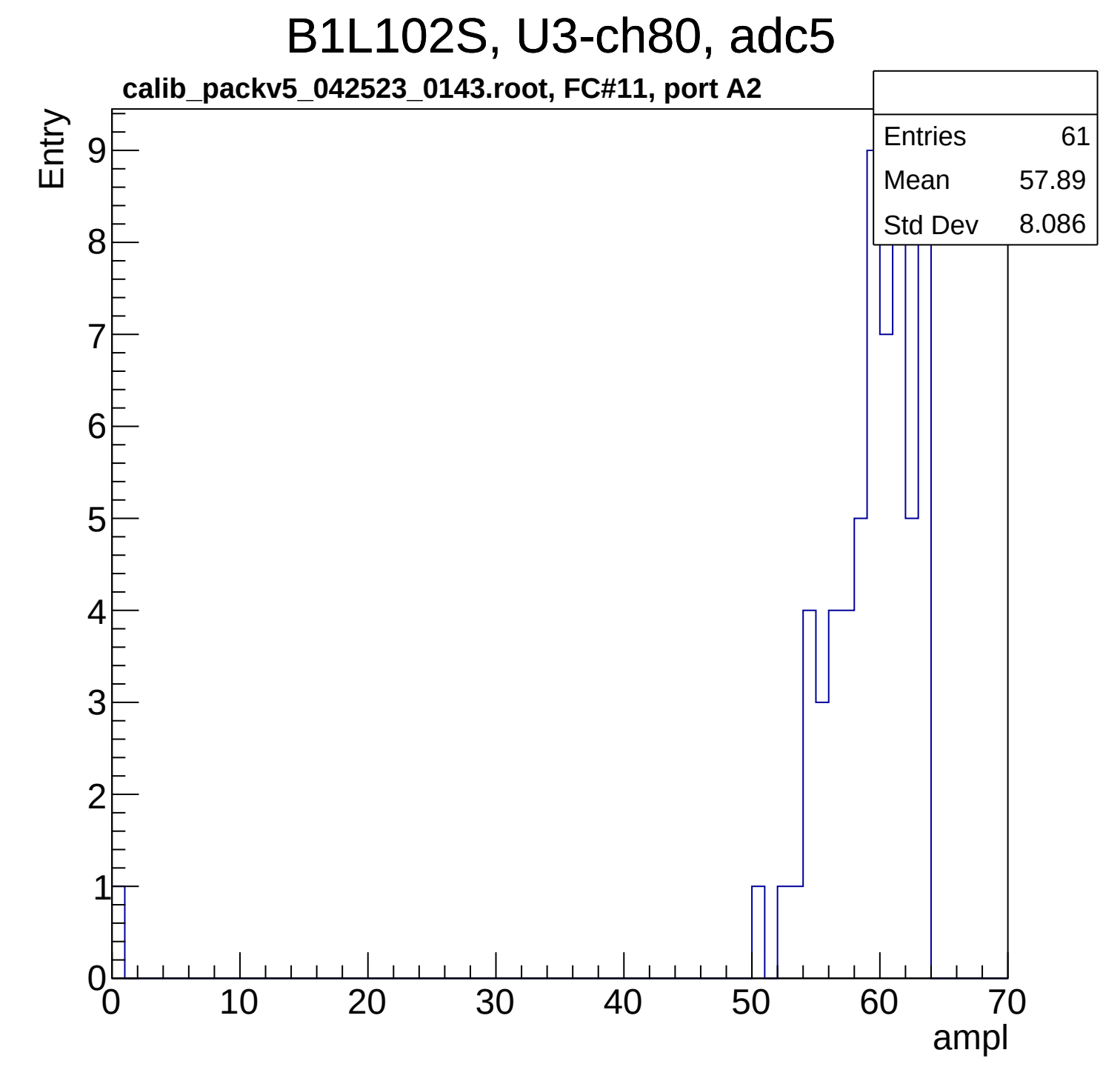
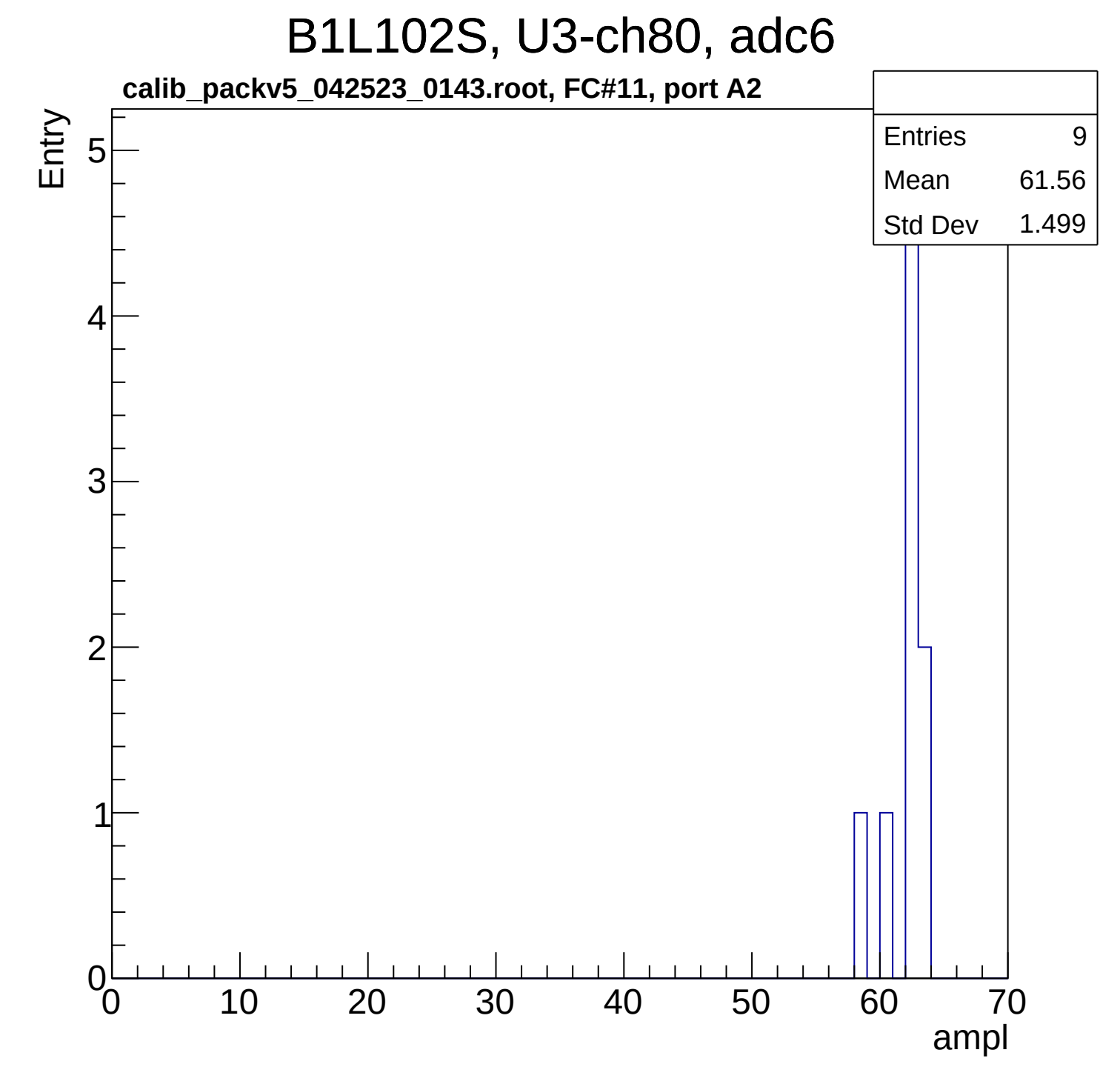
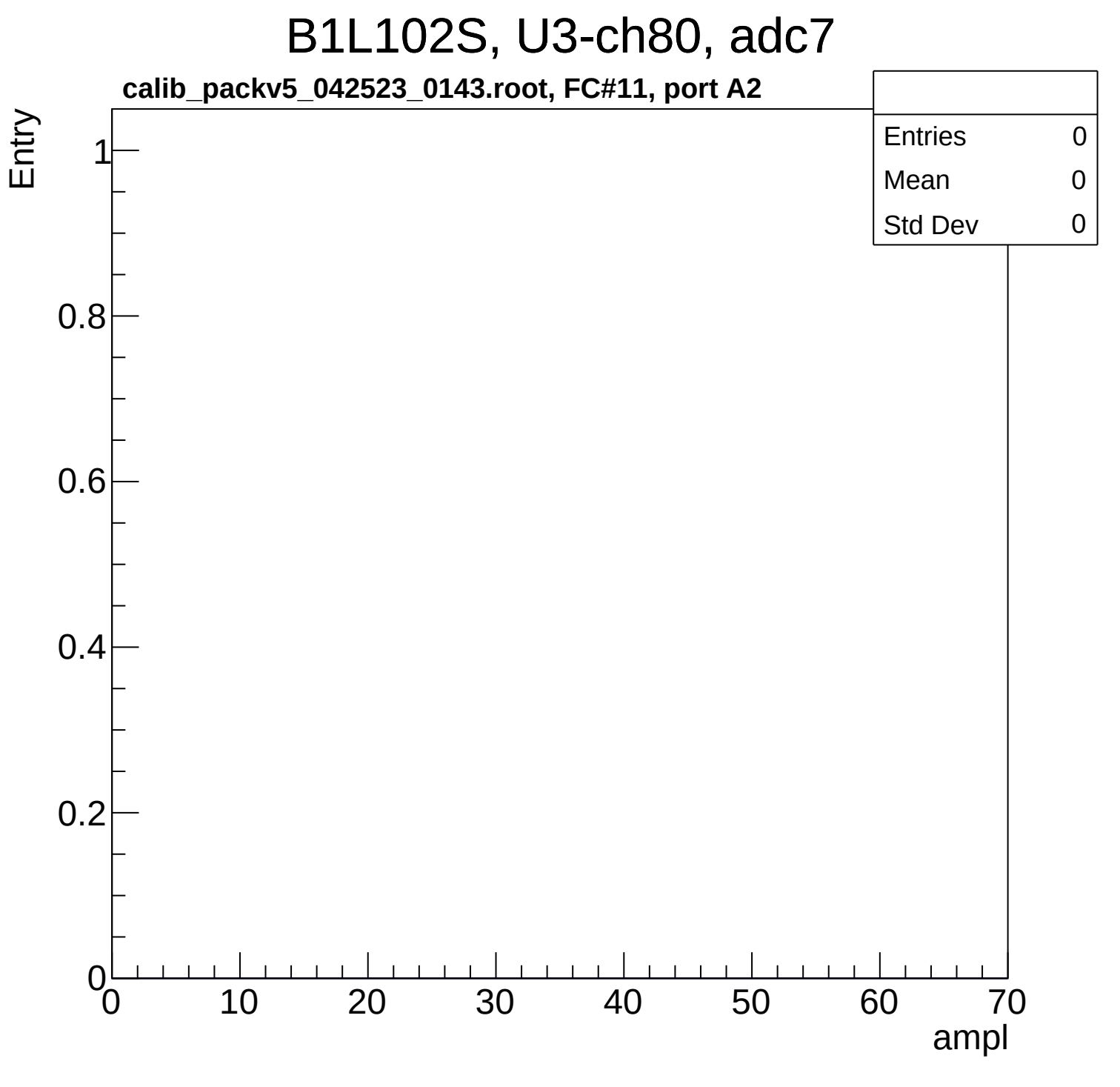
60
70


B1L102S, U3-ch80, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 54.46
Std Dev 3.284
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch80, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 57.89
Std Dev 8.086
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch80, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.56
Std Dev 1.499
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U3-ch80, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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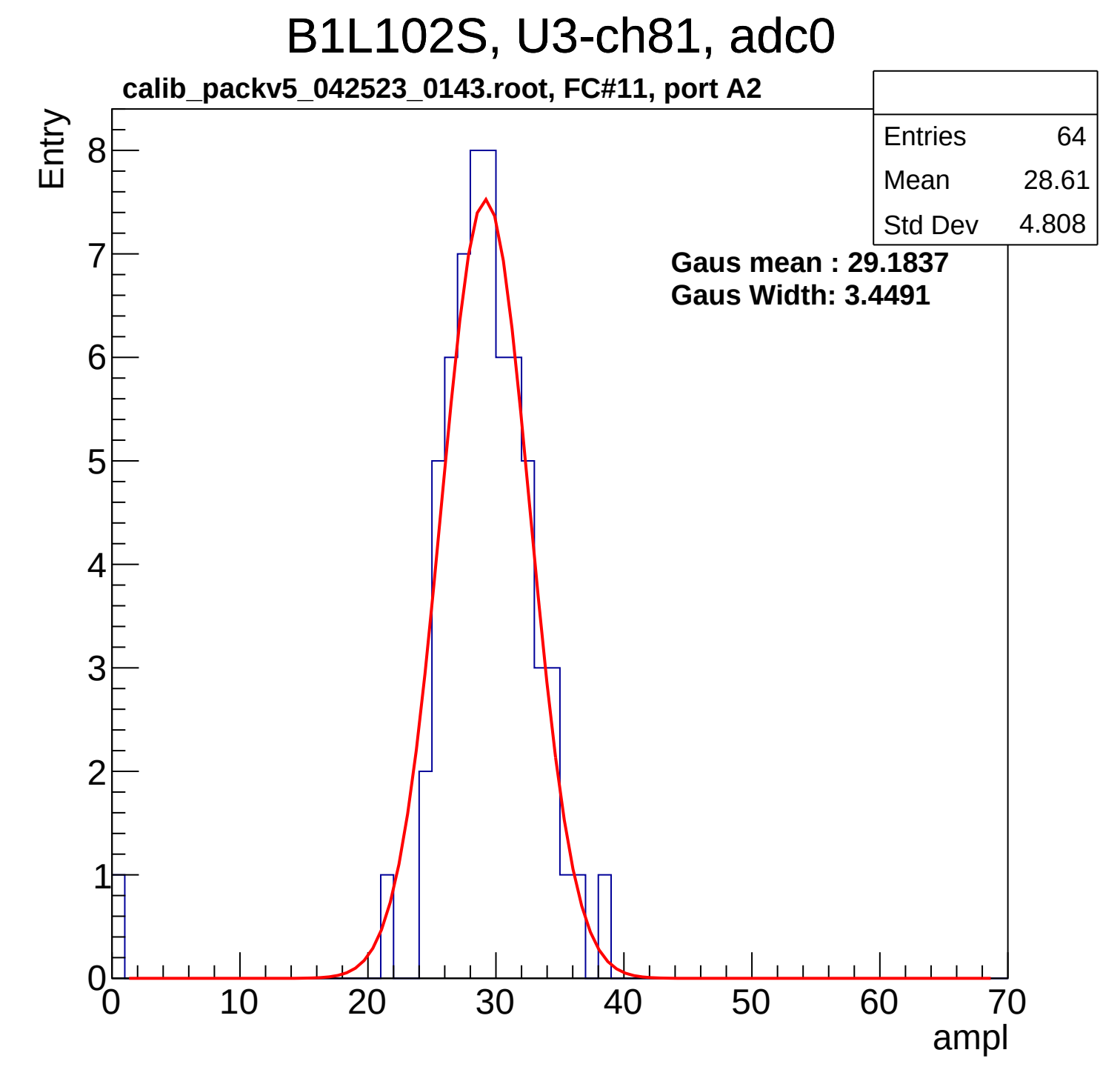
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch81, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 28.61
Std Dev 4.808
Gaus mean : 29.1837
Gaus Width: 3.4491
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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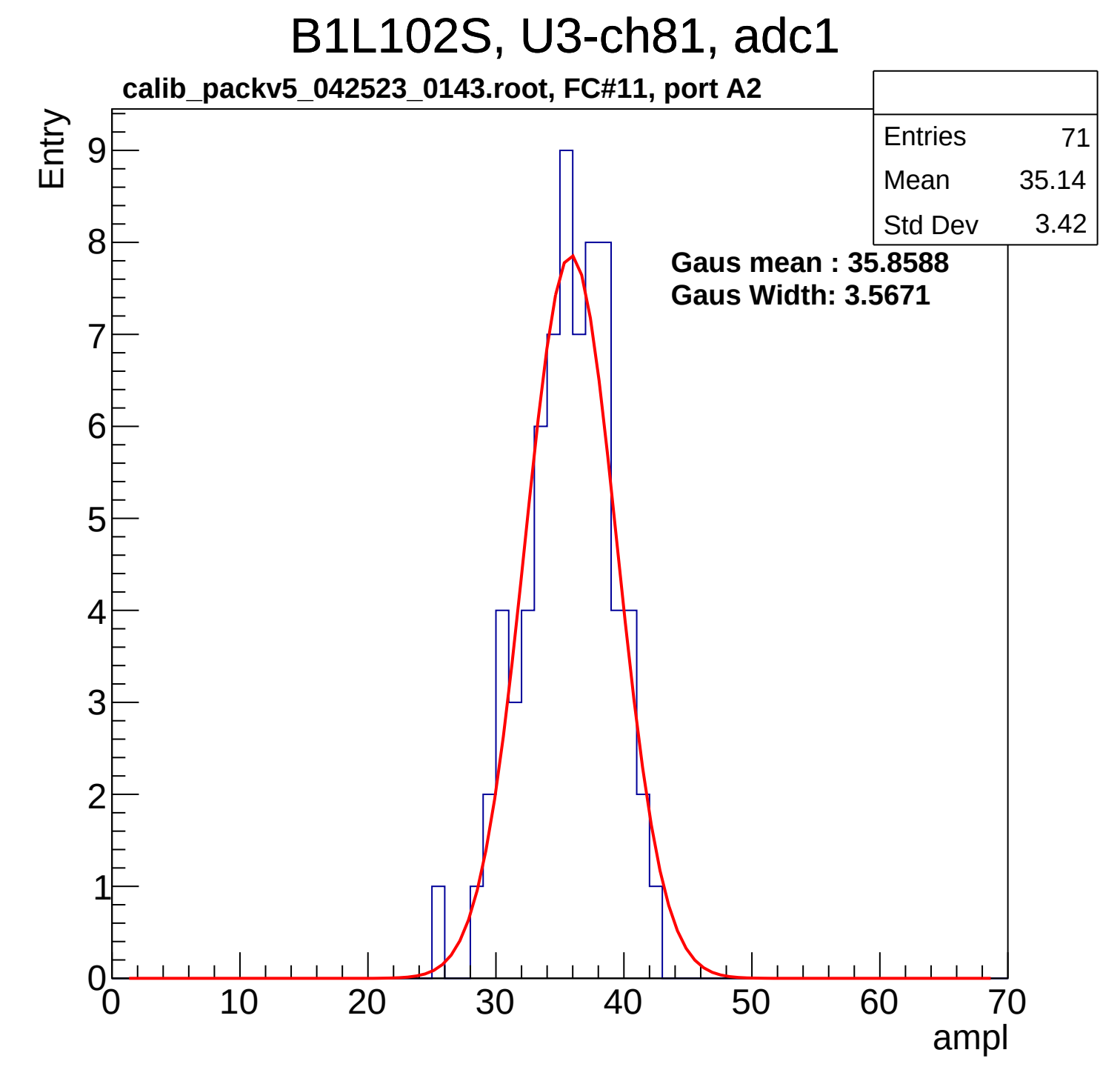
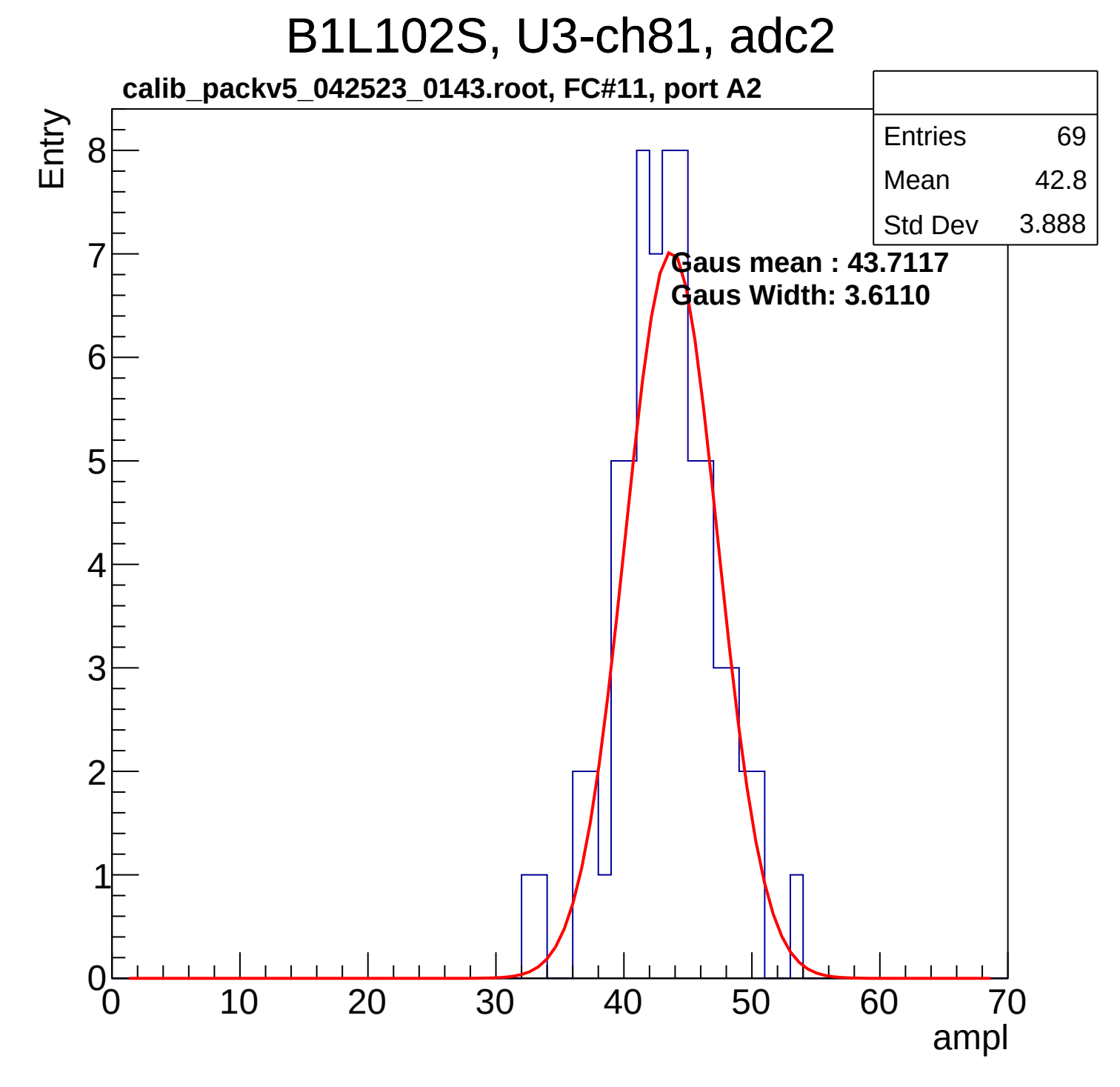

B1L102S, U3-ch81, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 35.14
Std Dev 3.42
Gaus mean : 35.8588
Gaus Width: 3.5671
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch81, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 42.8
Std Dev 3.888
Gaus mean : 43.7117
Gaus Width: 3.6110
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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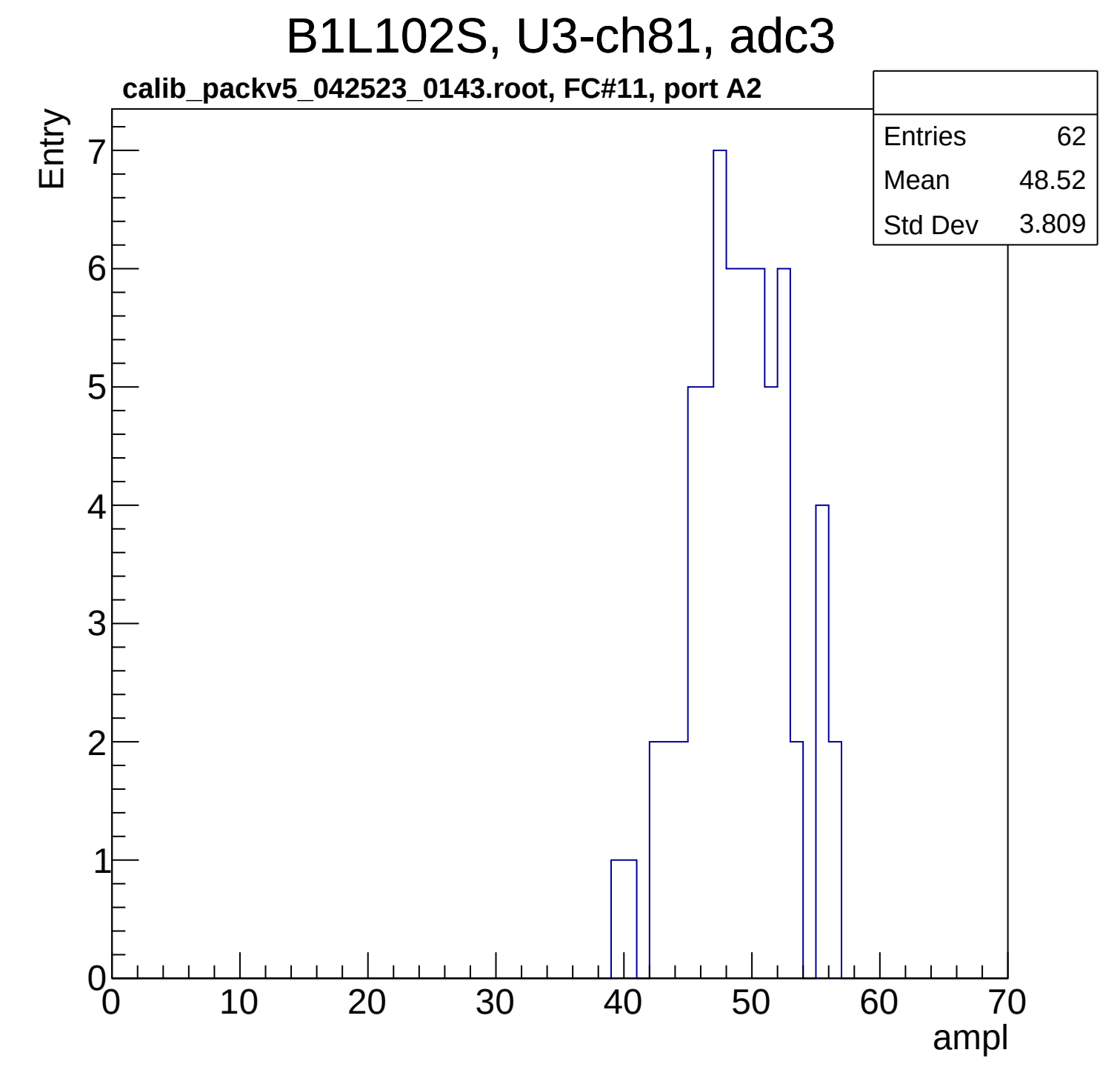
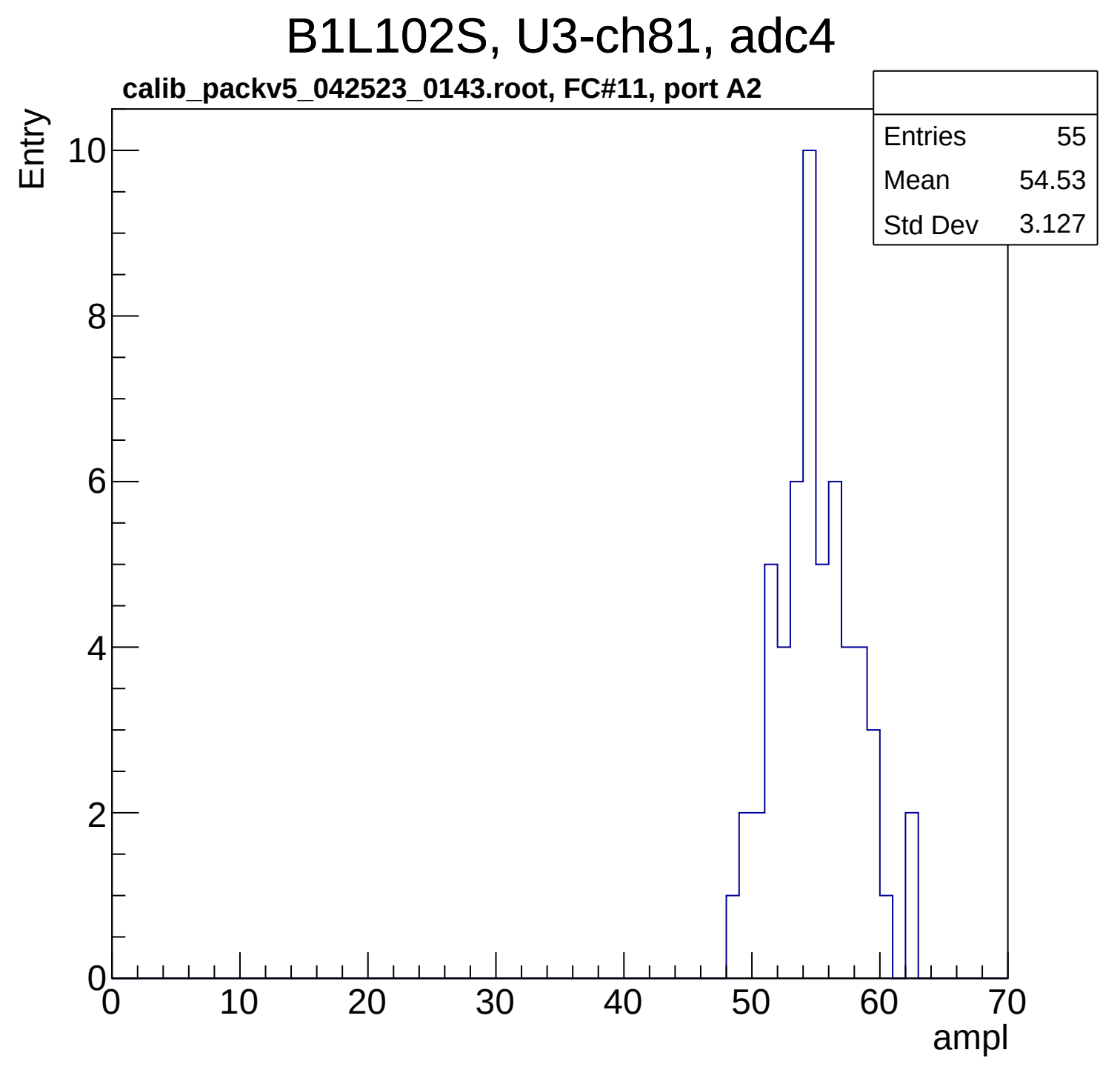
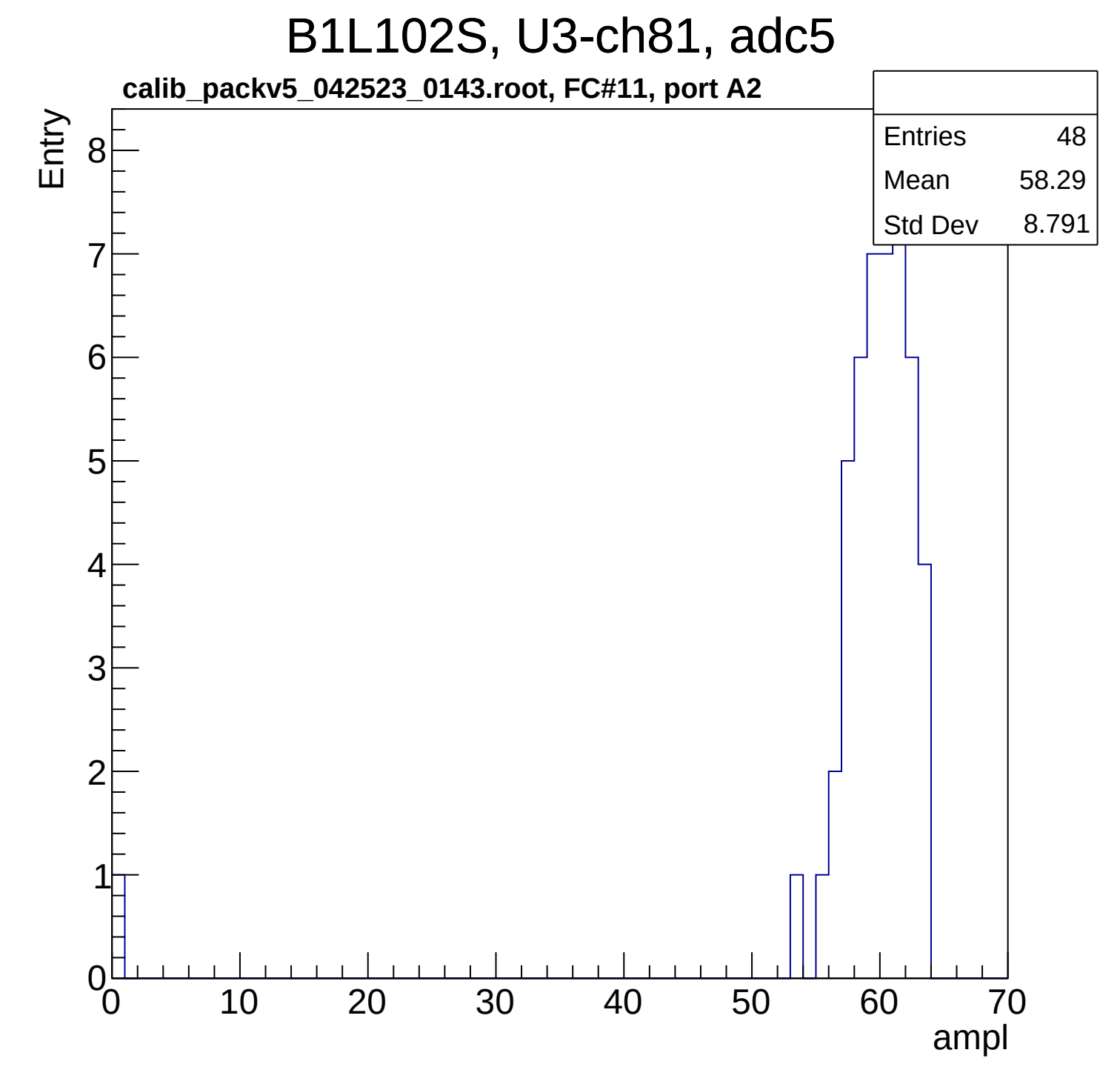

B1L102S, U3-ch81, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 48.52
Std Dev 3.809
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch81, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 54.53
Std Dev 3.127
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch81, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 58.29
Std Dev 8.791
Entry
ampl
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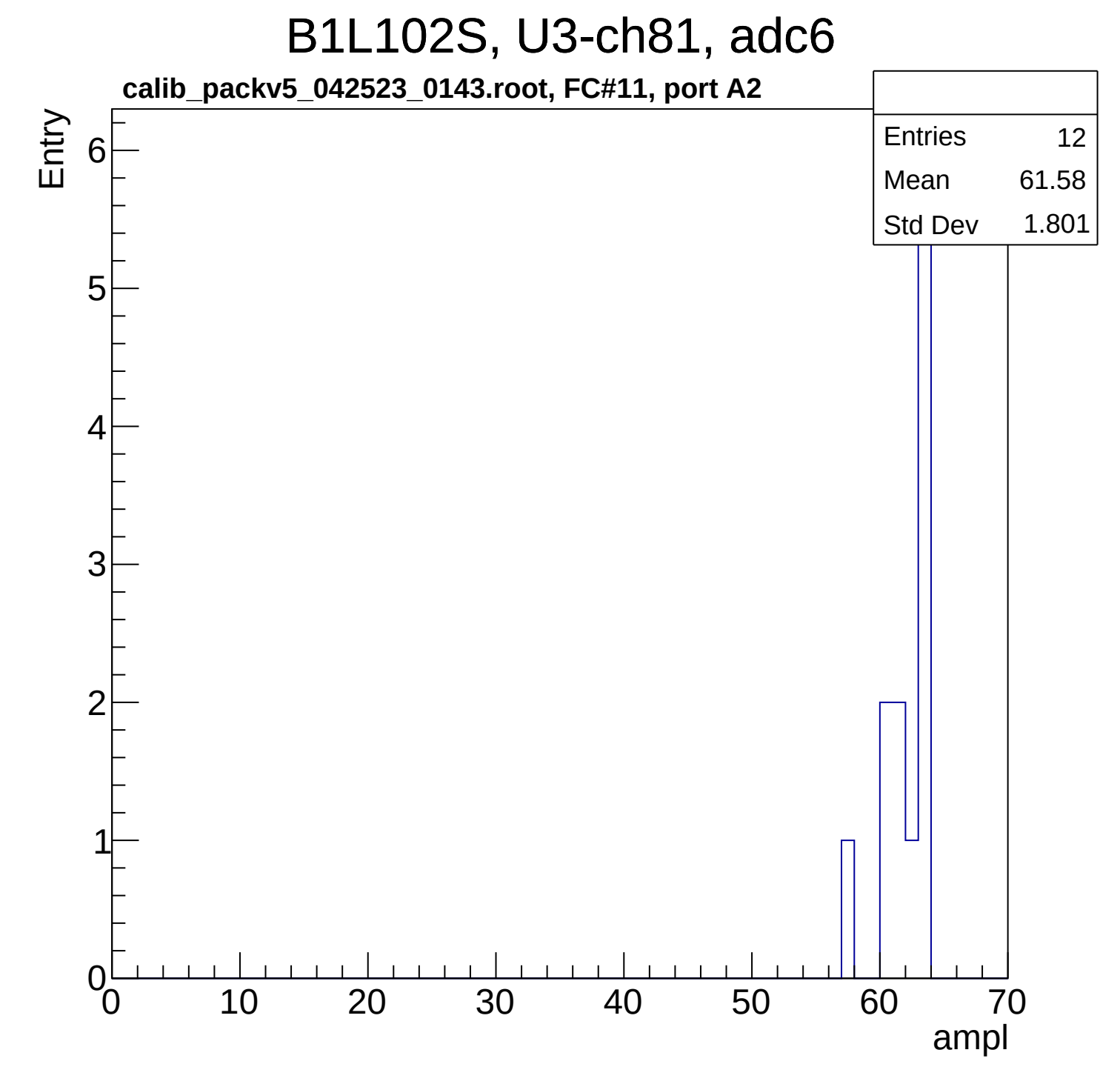
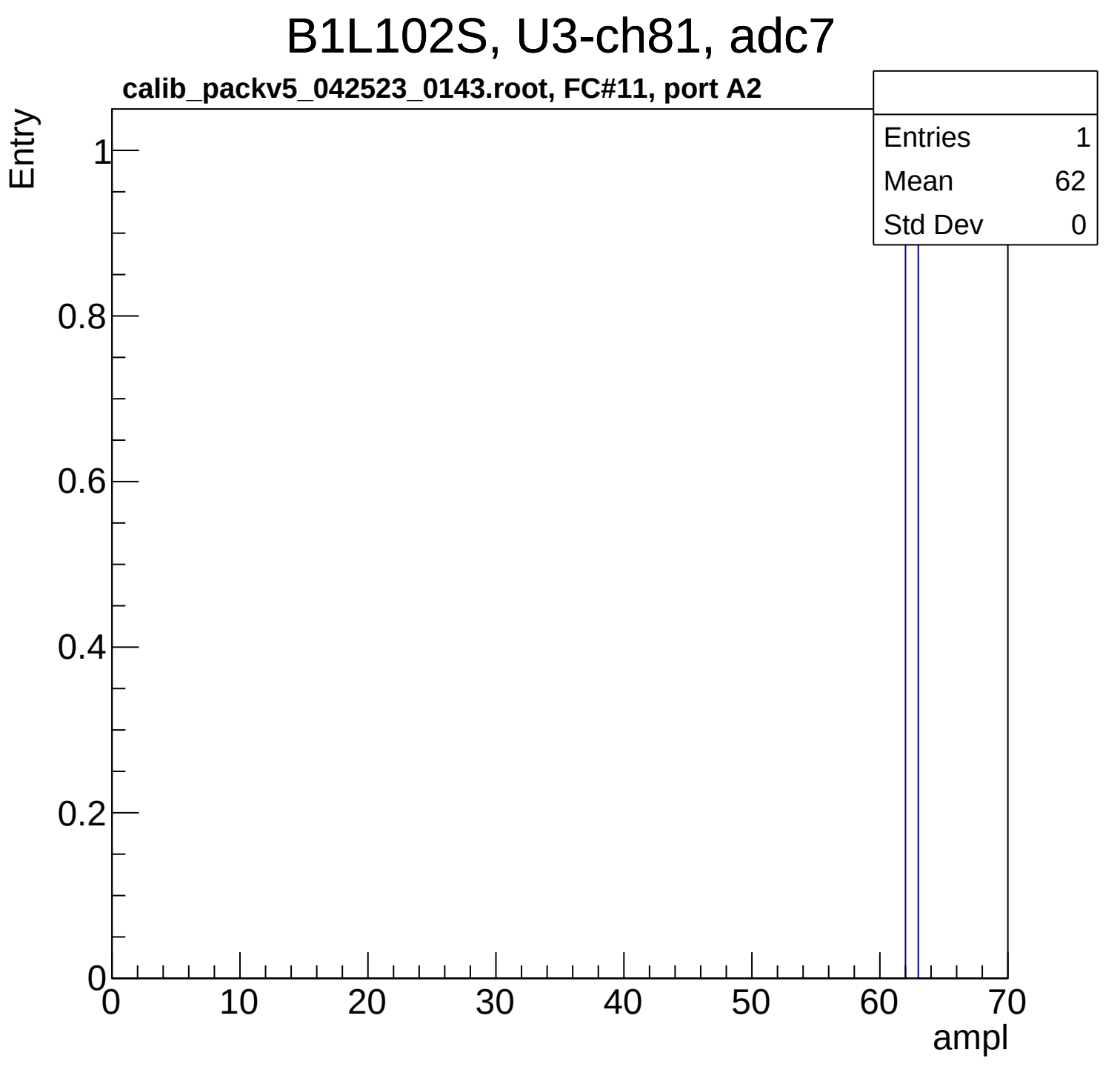
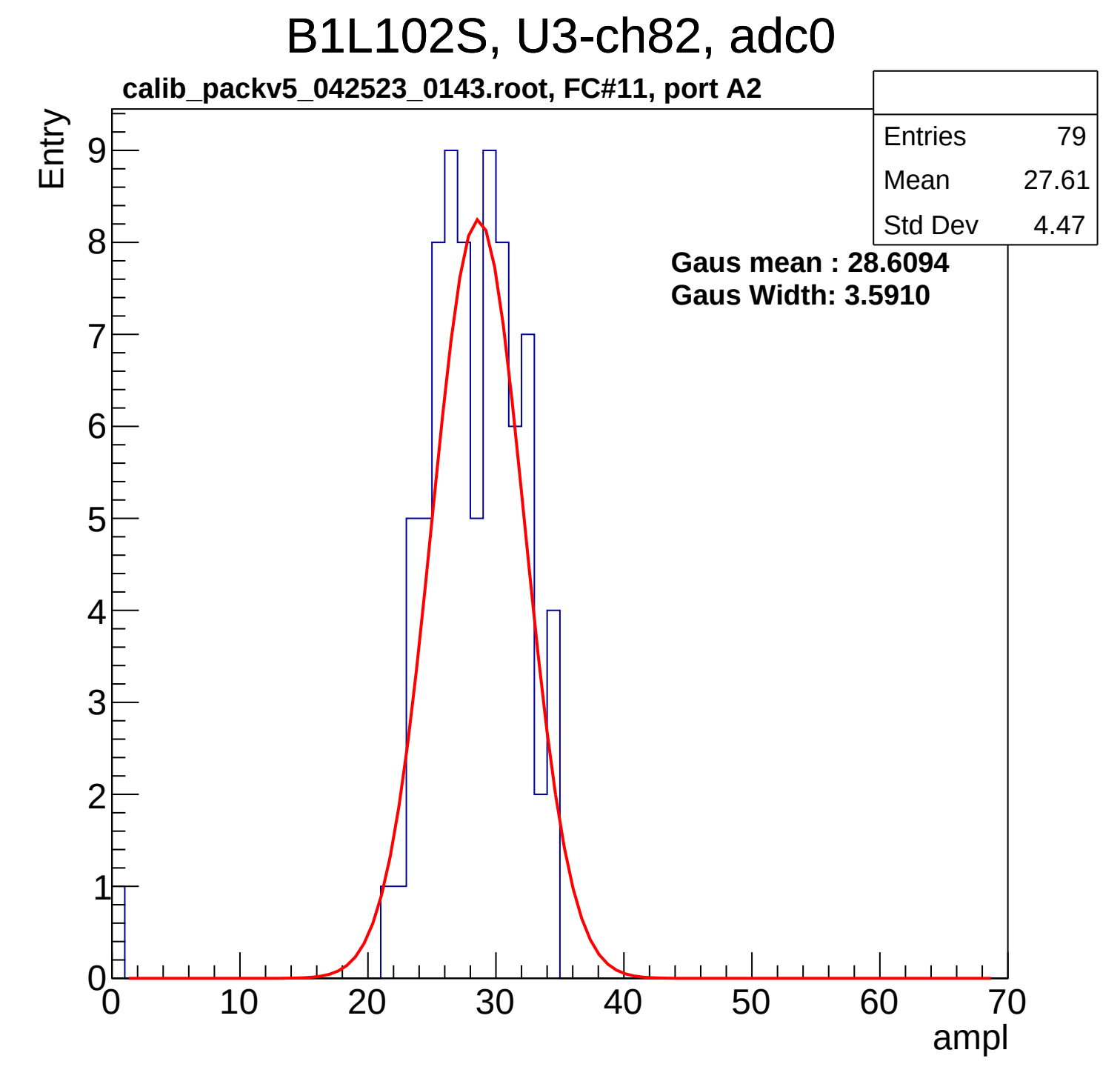
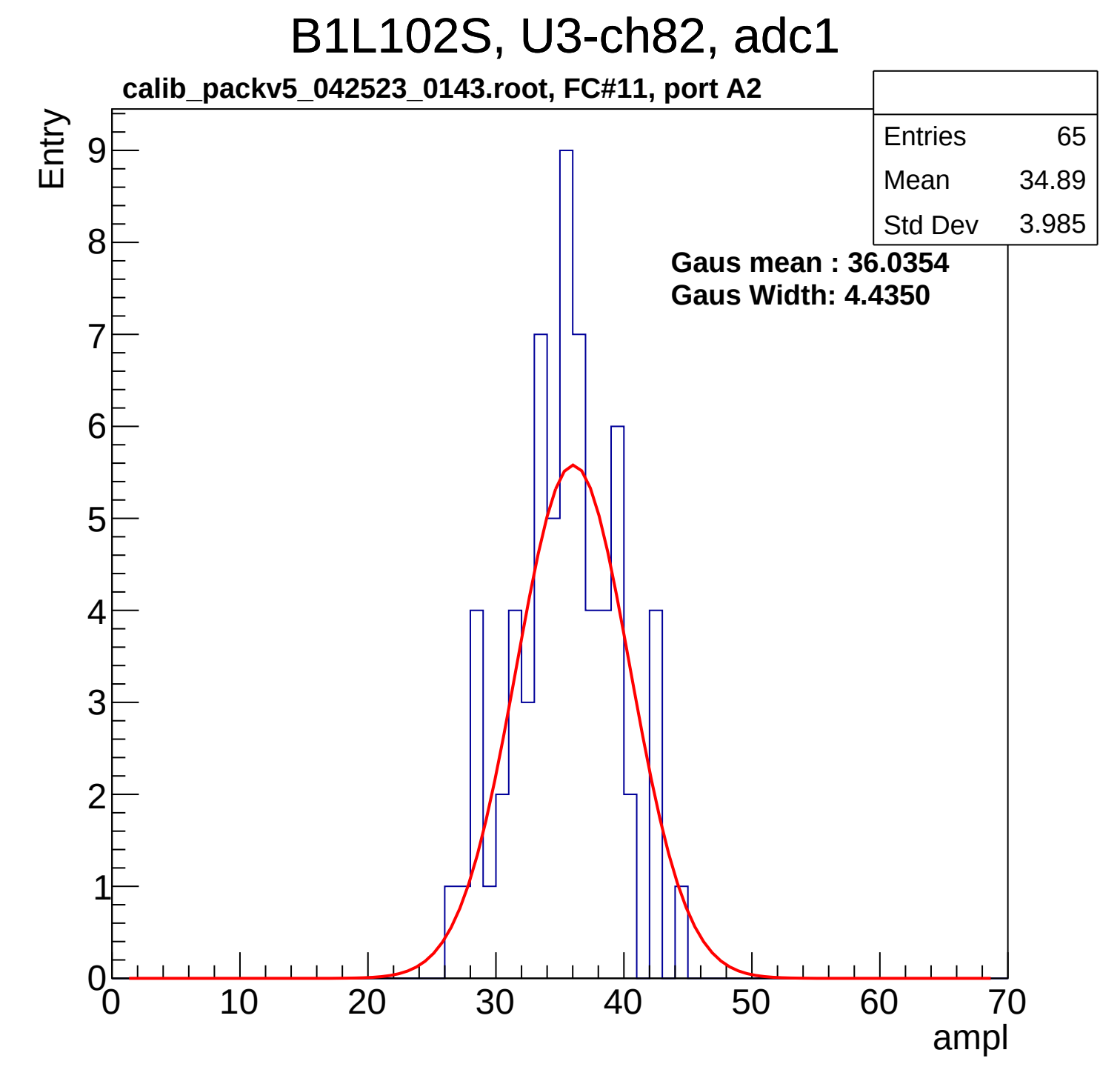
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch81, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 61.58
Std Dev 1.801
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch81, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch82, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 27.61
Std Dev 4.47
Gaus mean : 28.6094
Gaus Width: 3.5910
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch82, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 34.89
Std Dev 3.985
Gaus mean : 36.0354
Gaus Width: 4.4350
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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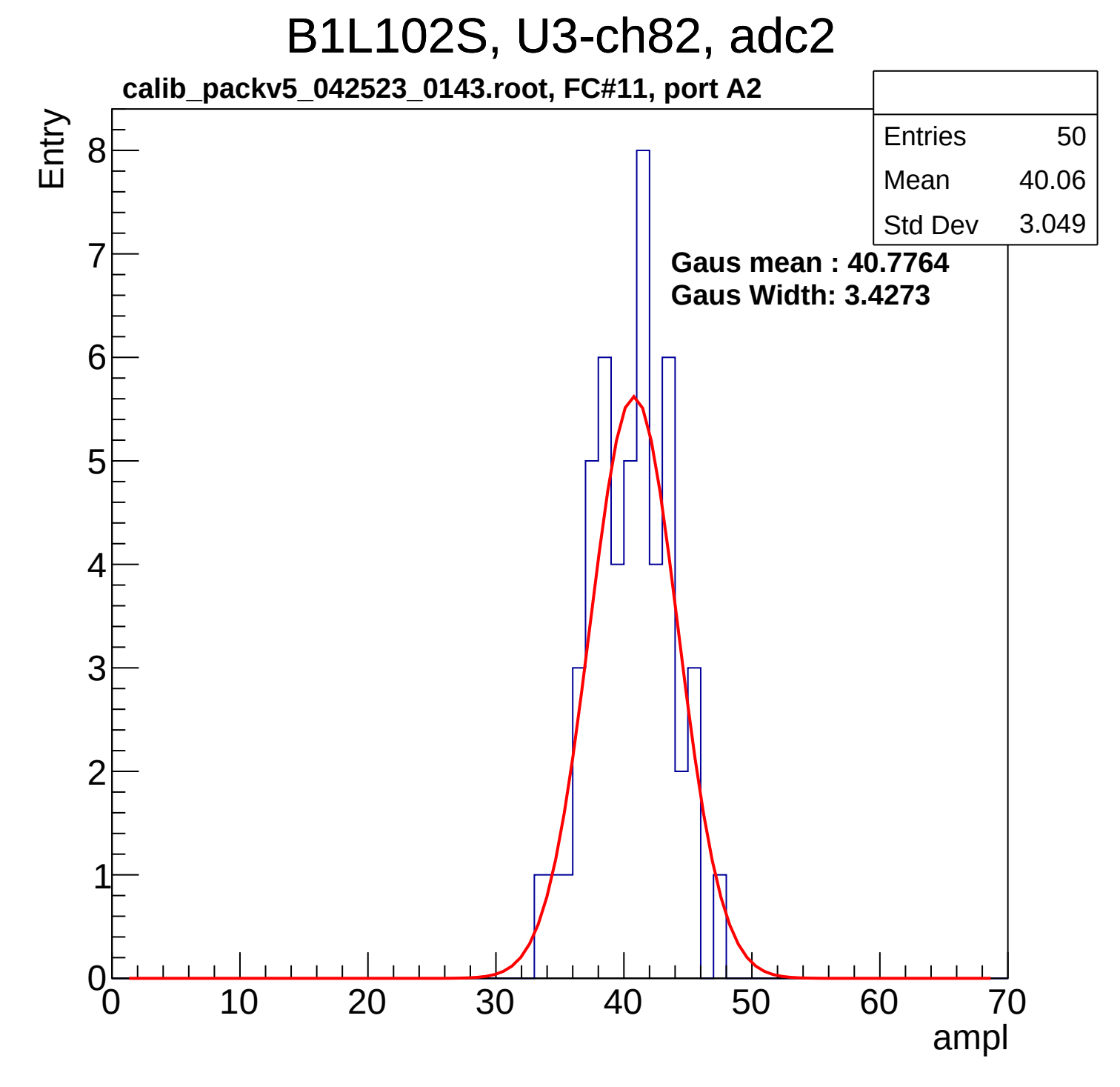
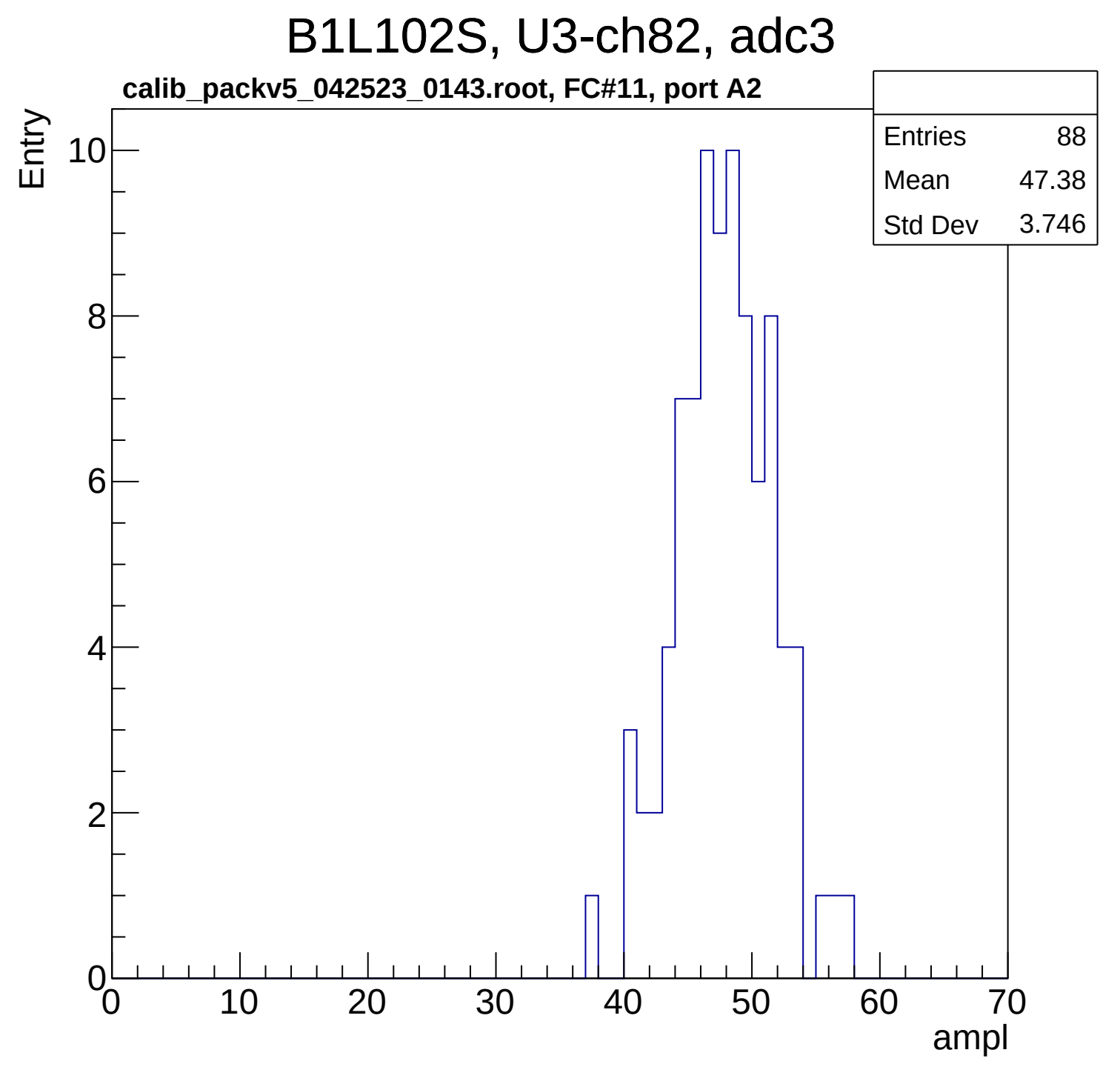
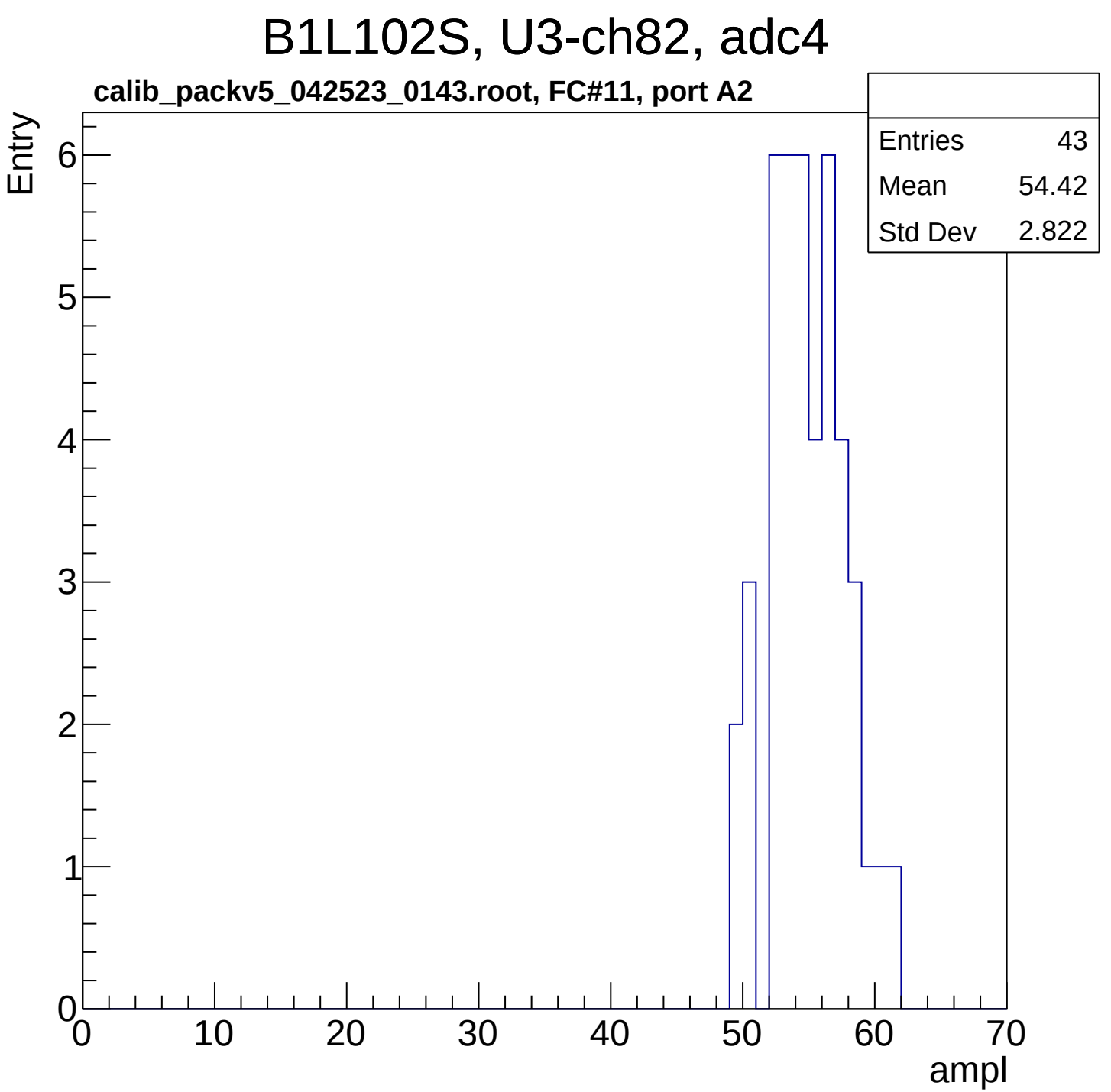
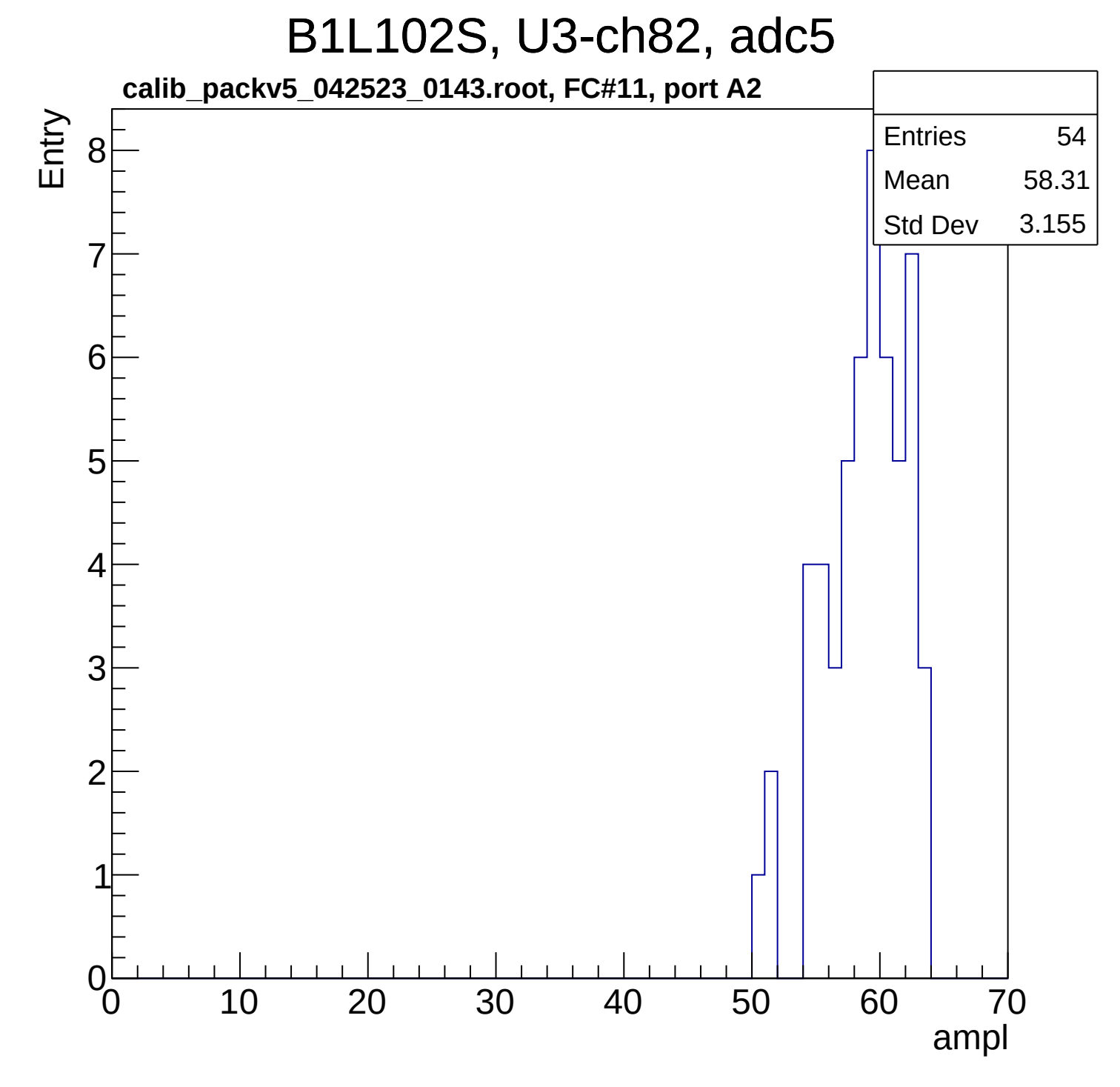

B1L102S, U3-ch82, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 40.06
Std Dev 3.049
Gaus mean : 40.7764
Gaus Width: 3.4273
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch82, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 47.38
Std Dev 3.746
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch82, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 54.42
Std Dev 2.822
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch82, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.31
Std Dev 3.155
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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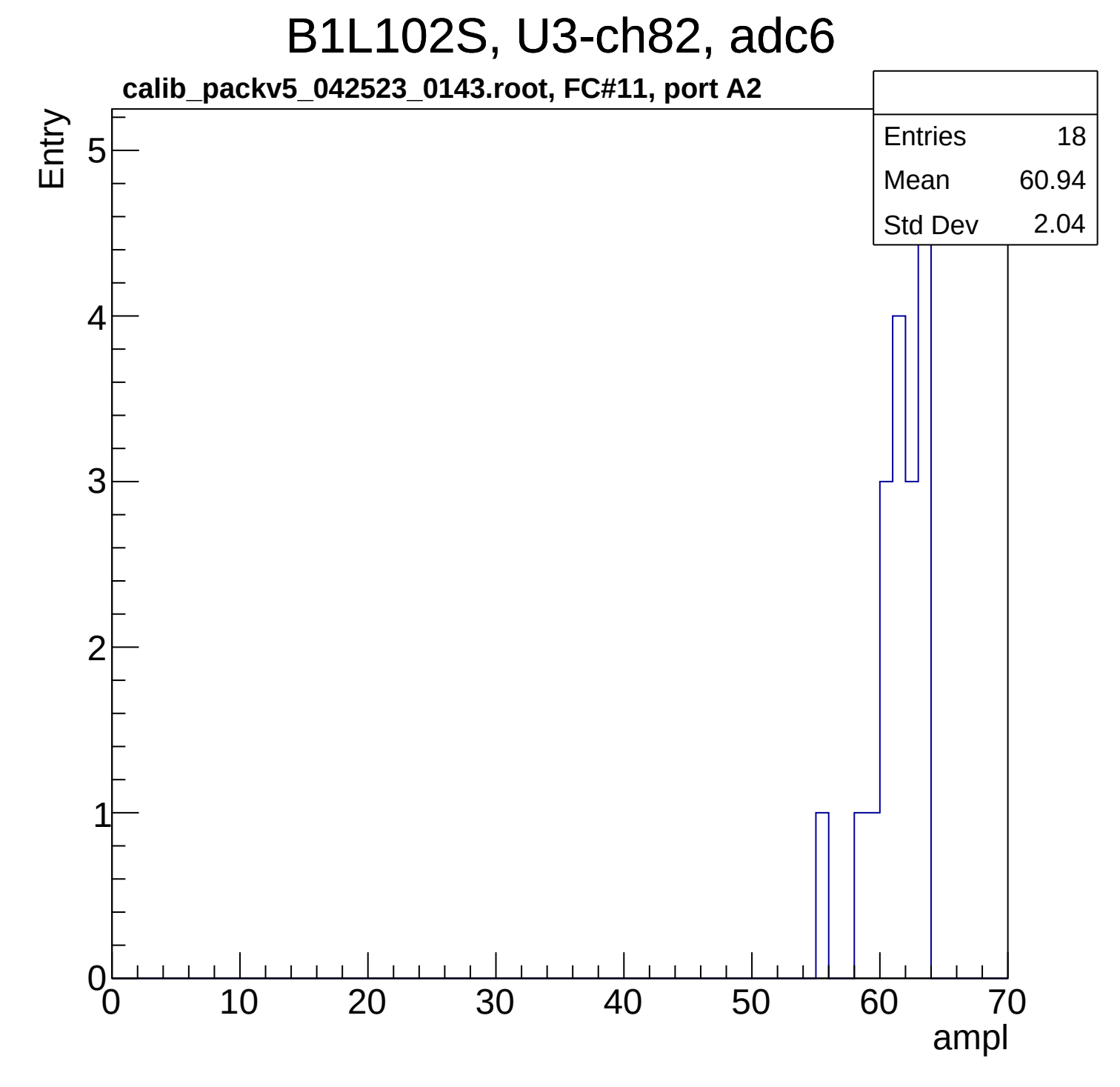
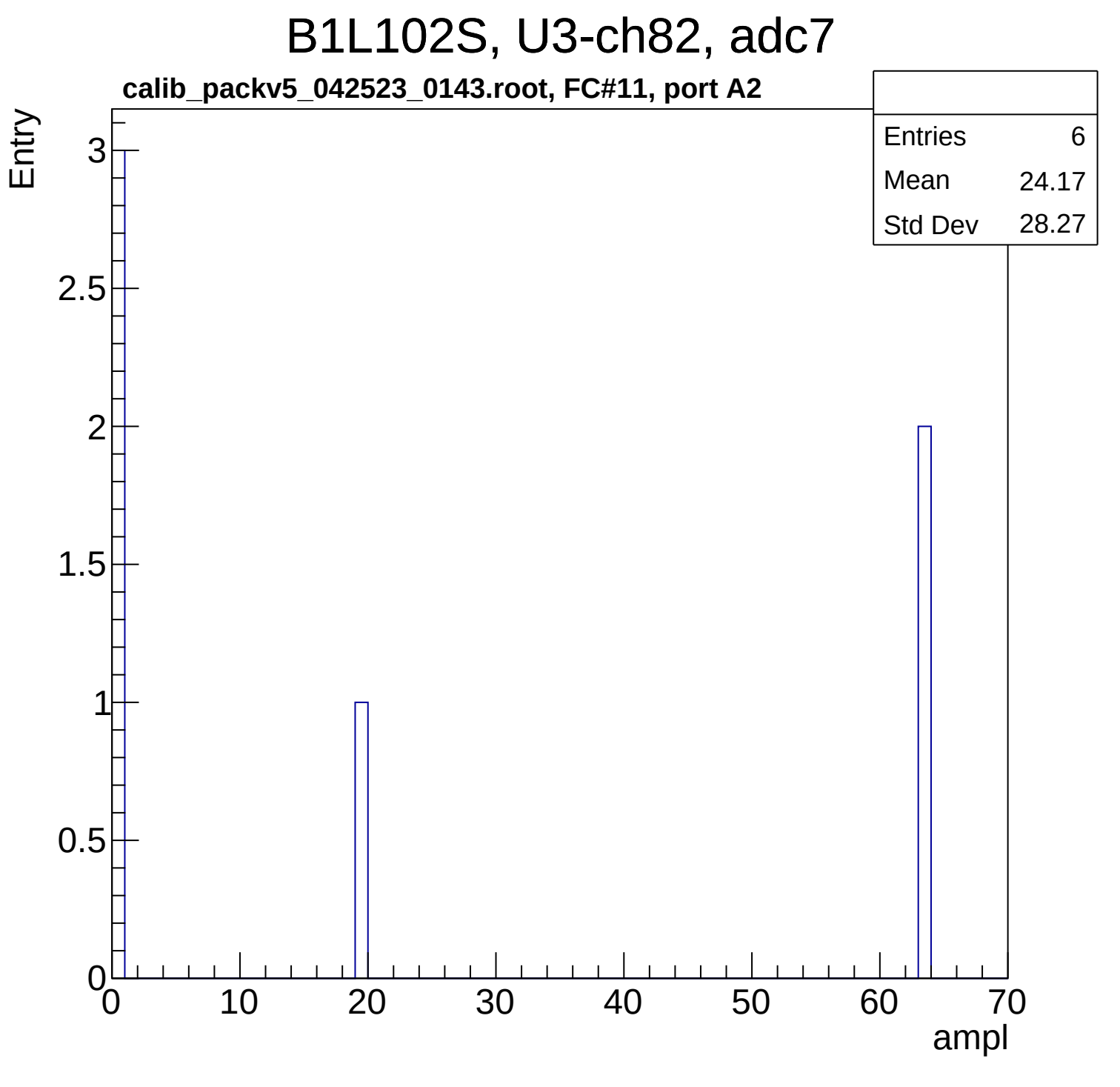
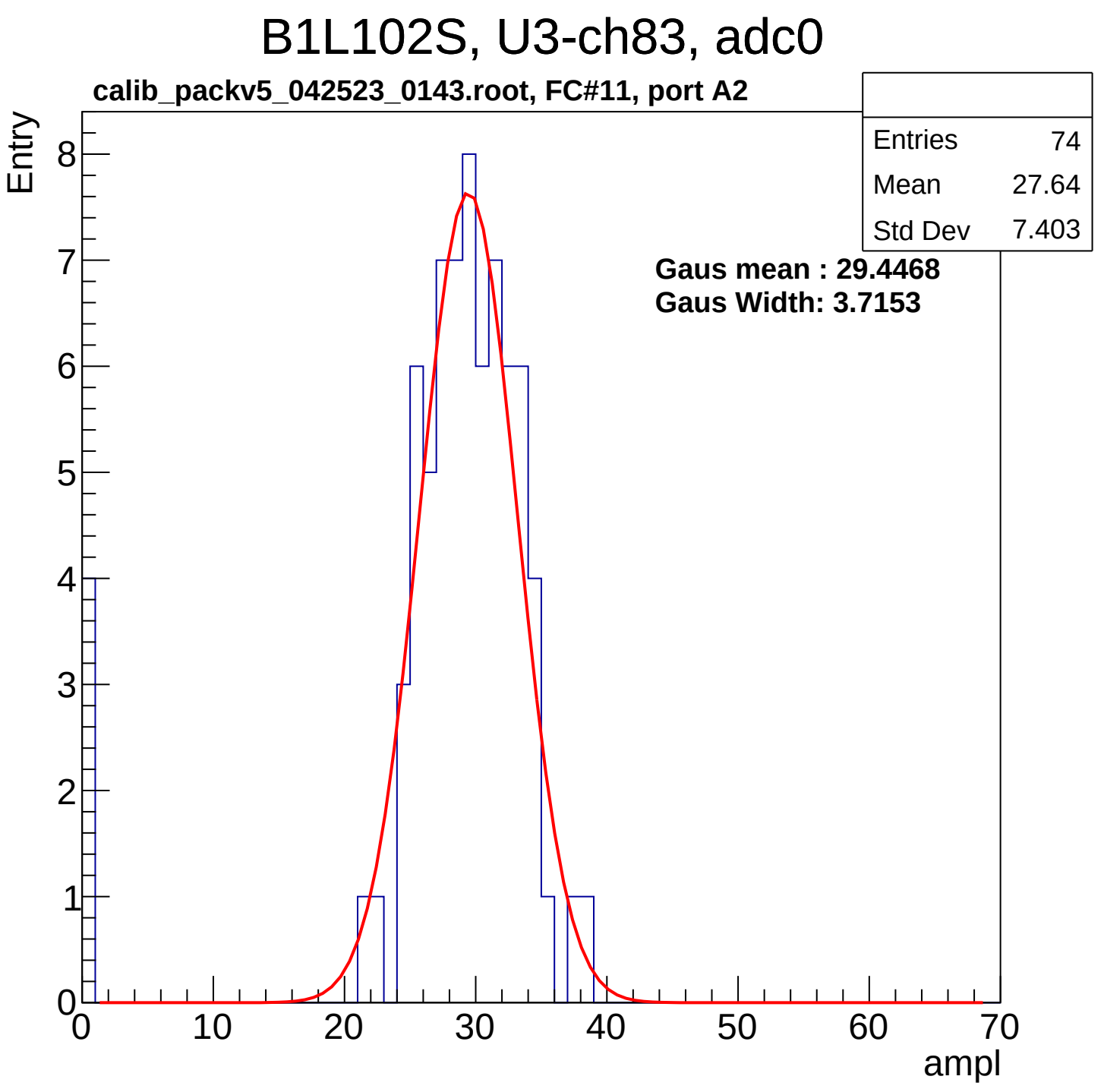
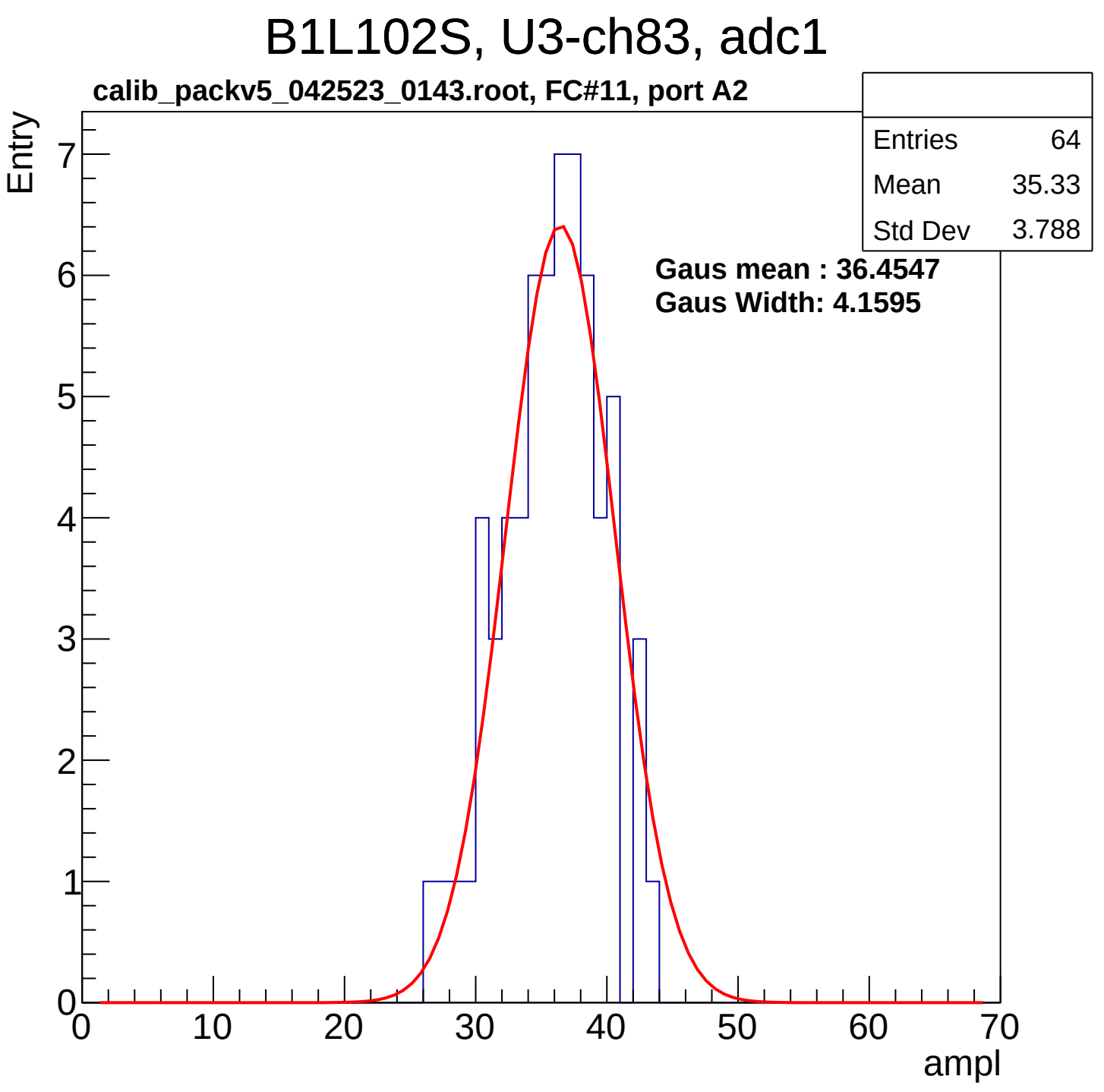
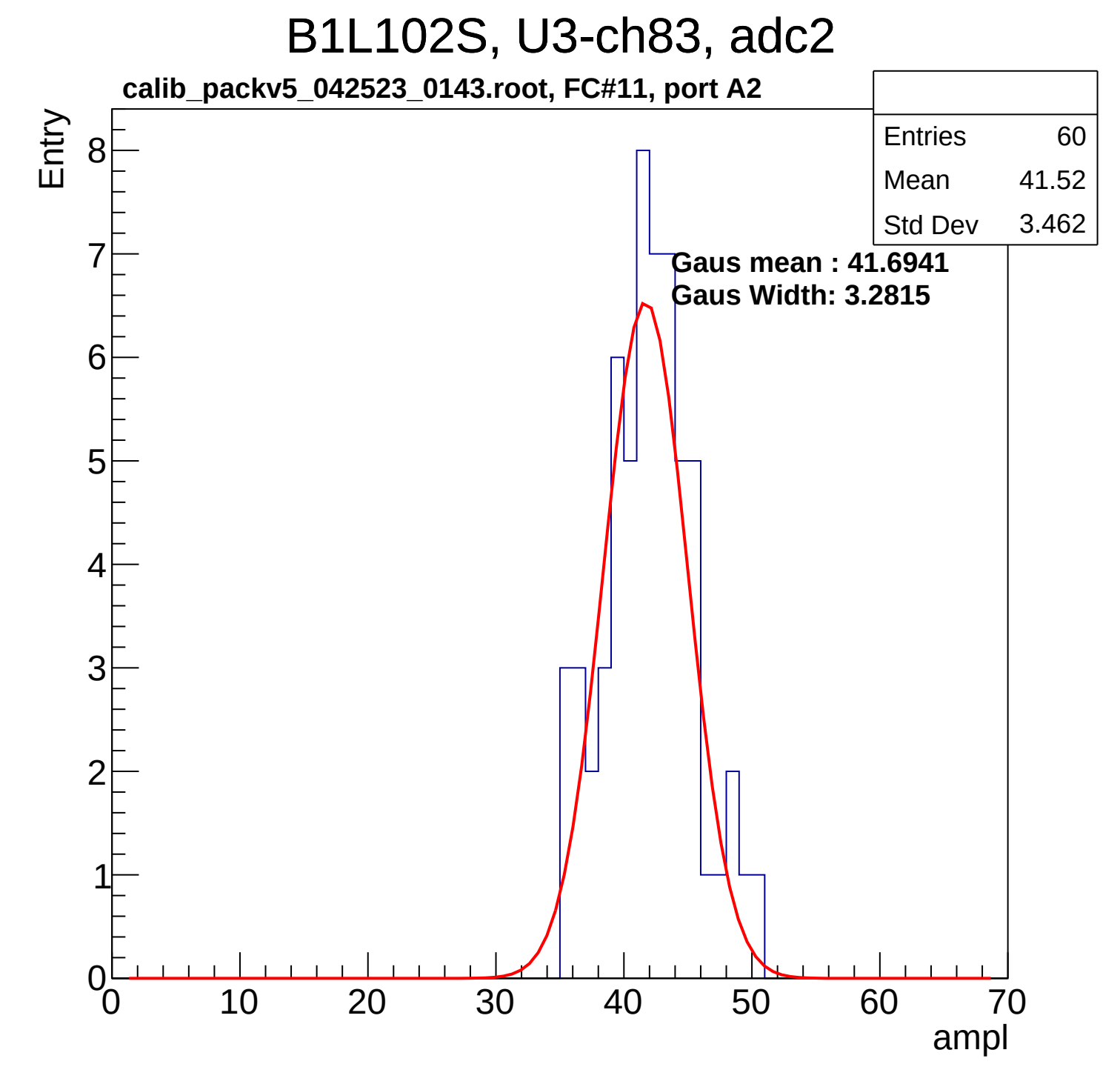
50
60
70

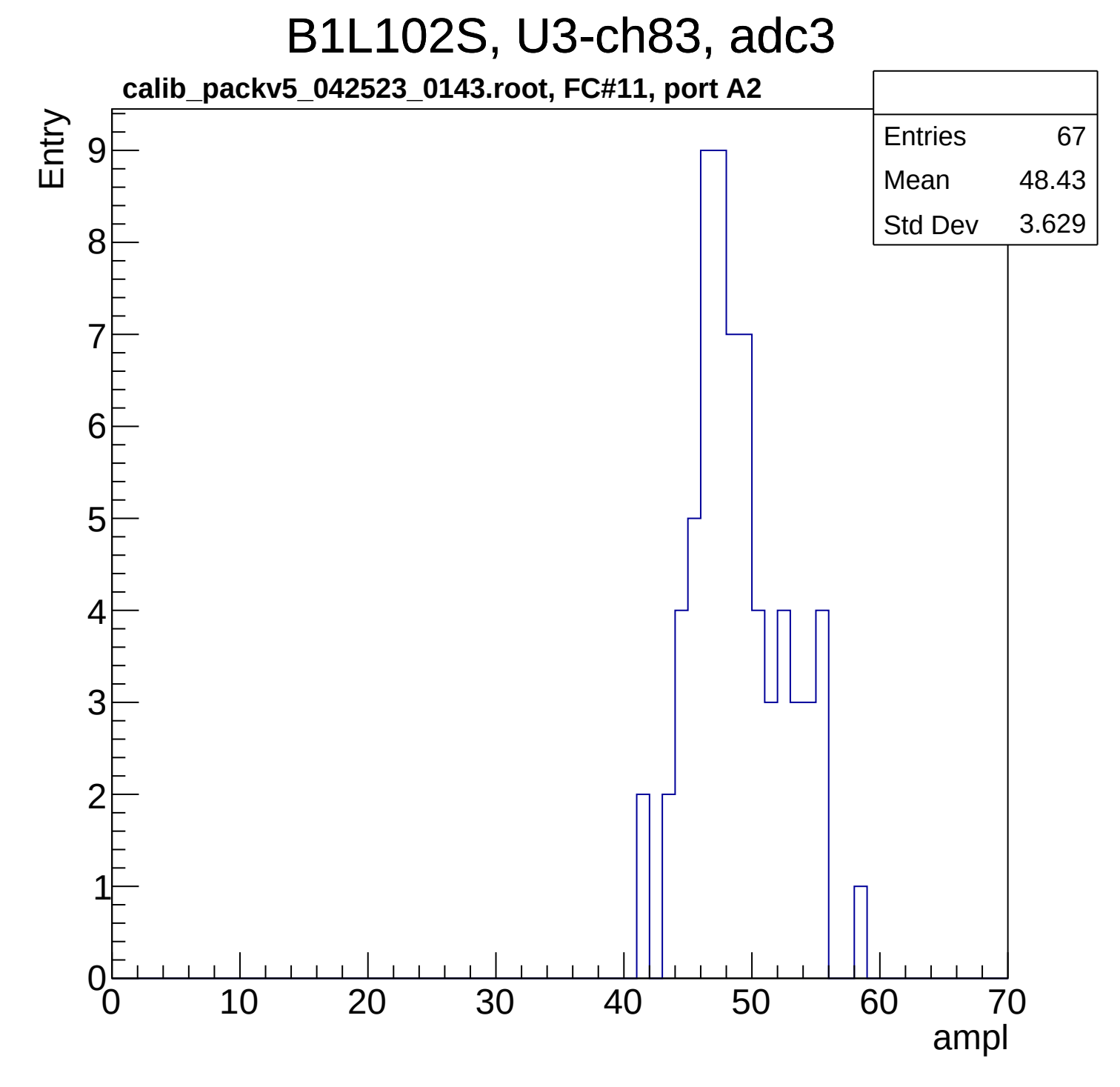

B1L102S, U3-ch82, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 18
Mean 60.94
Std Dev 2.04
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U3-ch82, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 24.17
Std Dev 28.27
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch83, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 27.64
Std Dev 7.403
Gaus mean : 29.4468
Gaus Width: 3.7153
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch83, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 35.33
Std Dev 3.788
Gaus mean : 36.4547
Gaus Width: 4.1595
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch83, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 41.52
Std Dev 3.462
Gaus mean : 41.6941
Gaus Width: 3.2815
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch83, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 48.43
Std Dev 3.629
Entry
ampl
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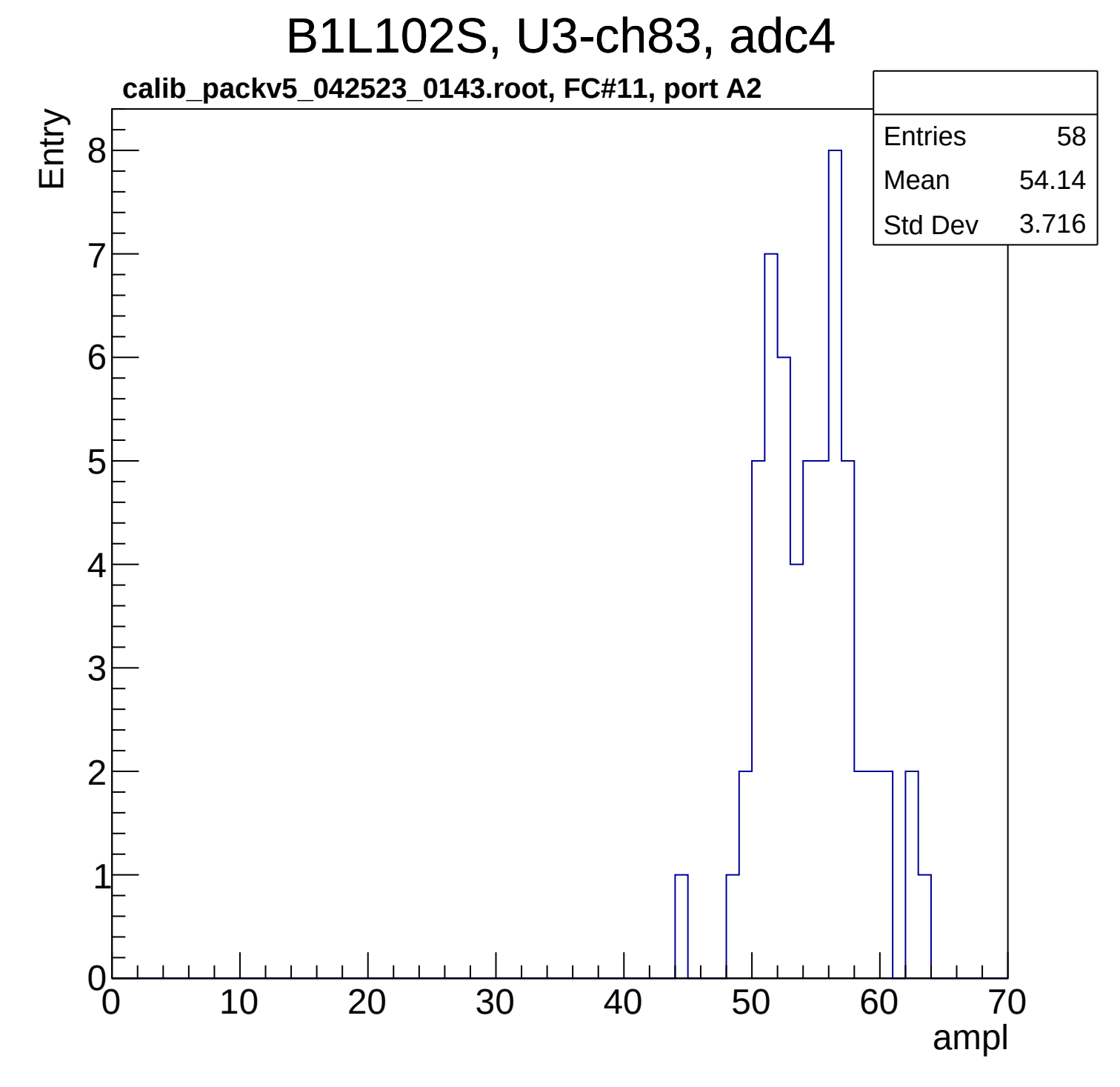
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch83, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 54.14
Std Dev 3.716
Entry
ampl
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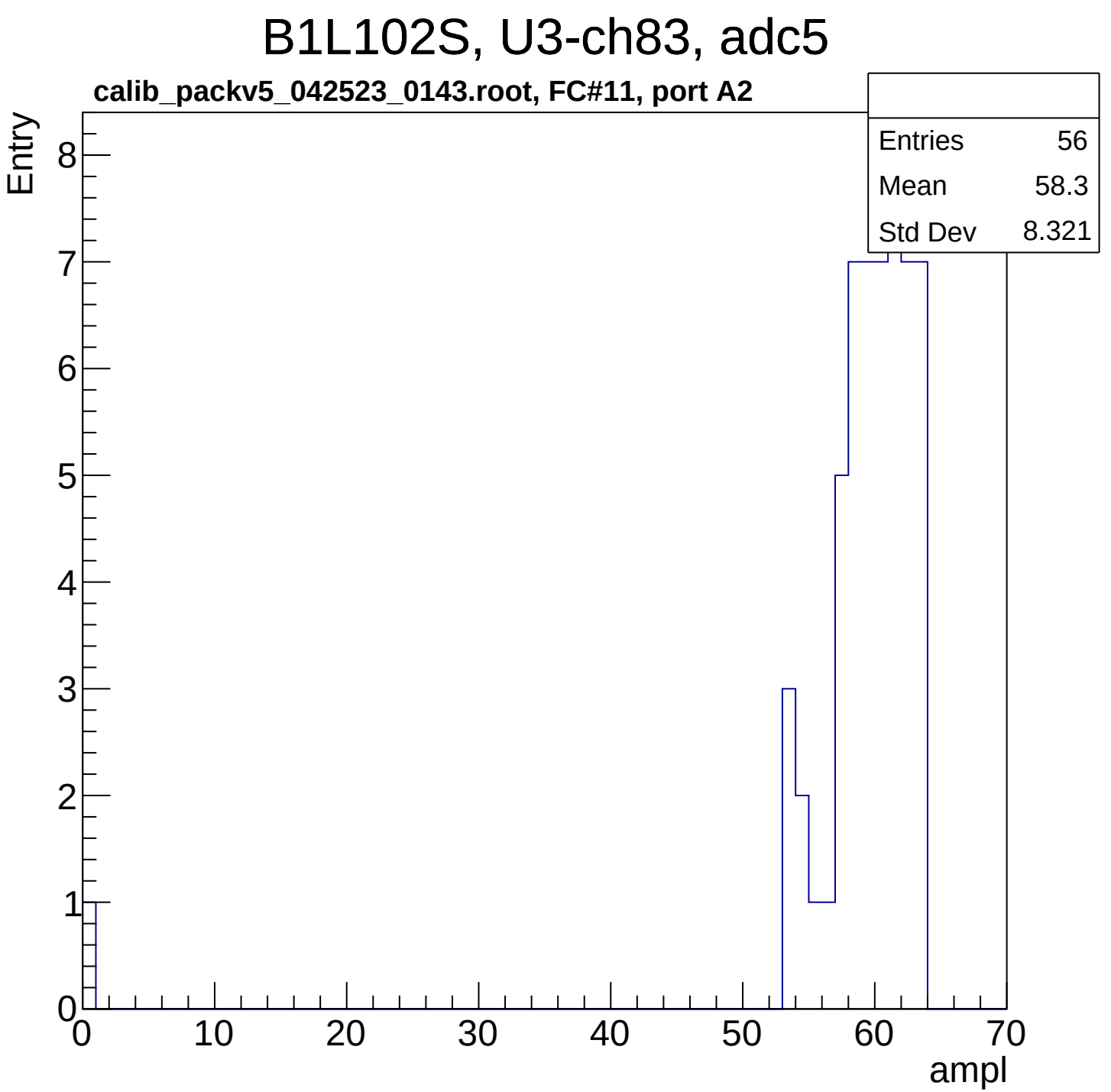
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch83, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 58.3
Std Dev 8.321
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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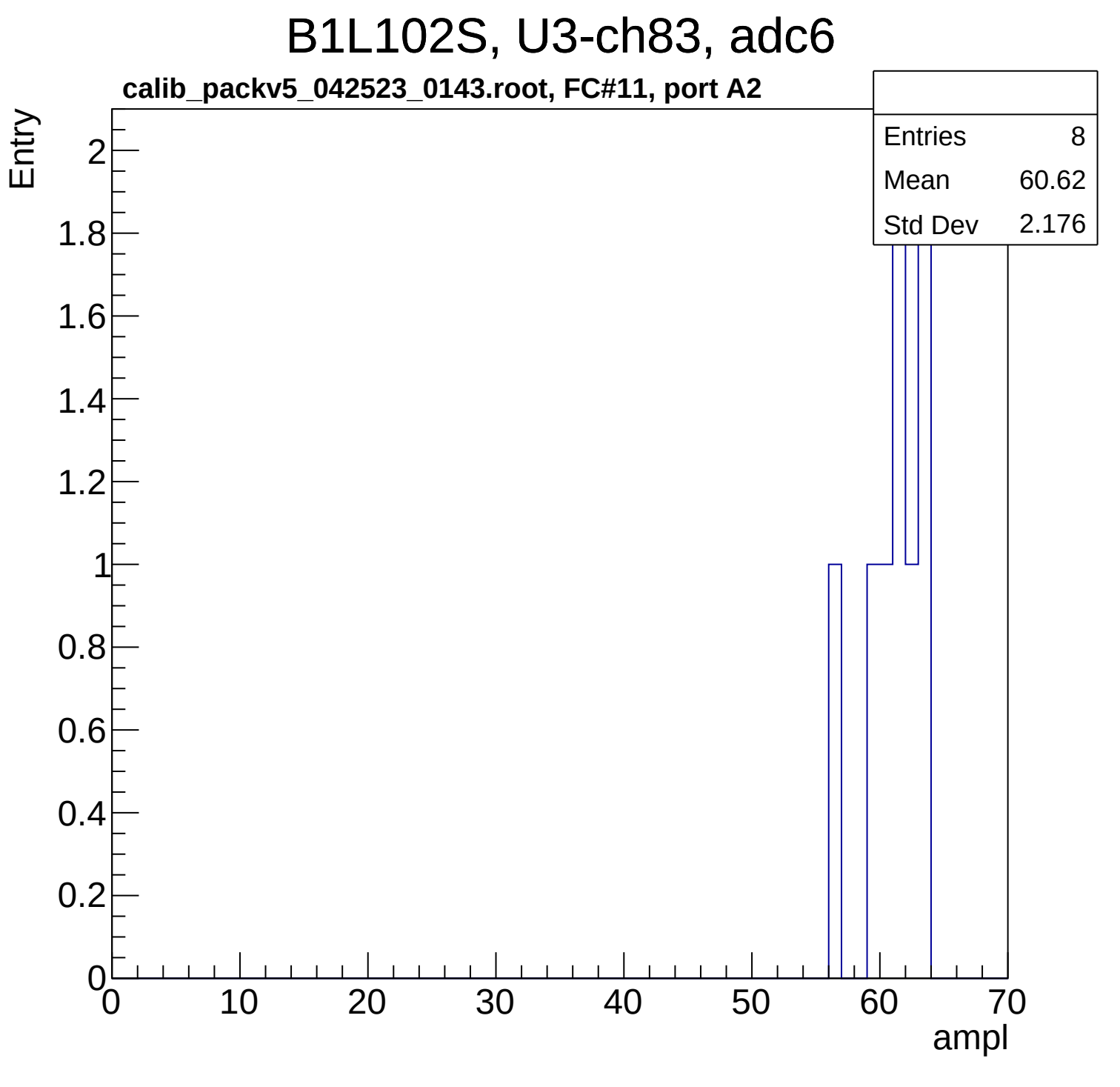
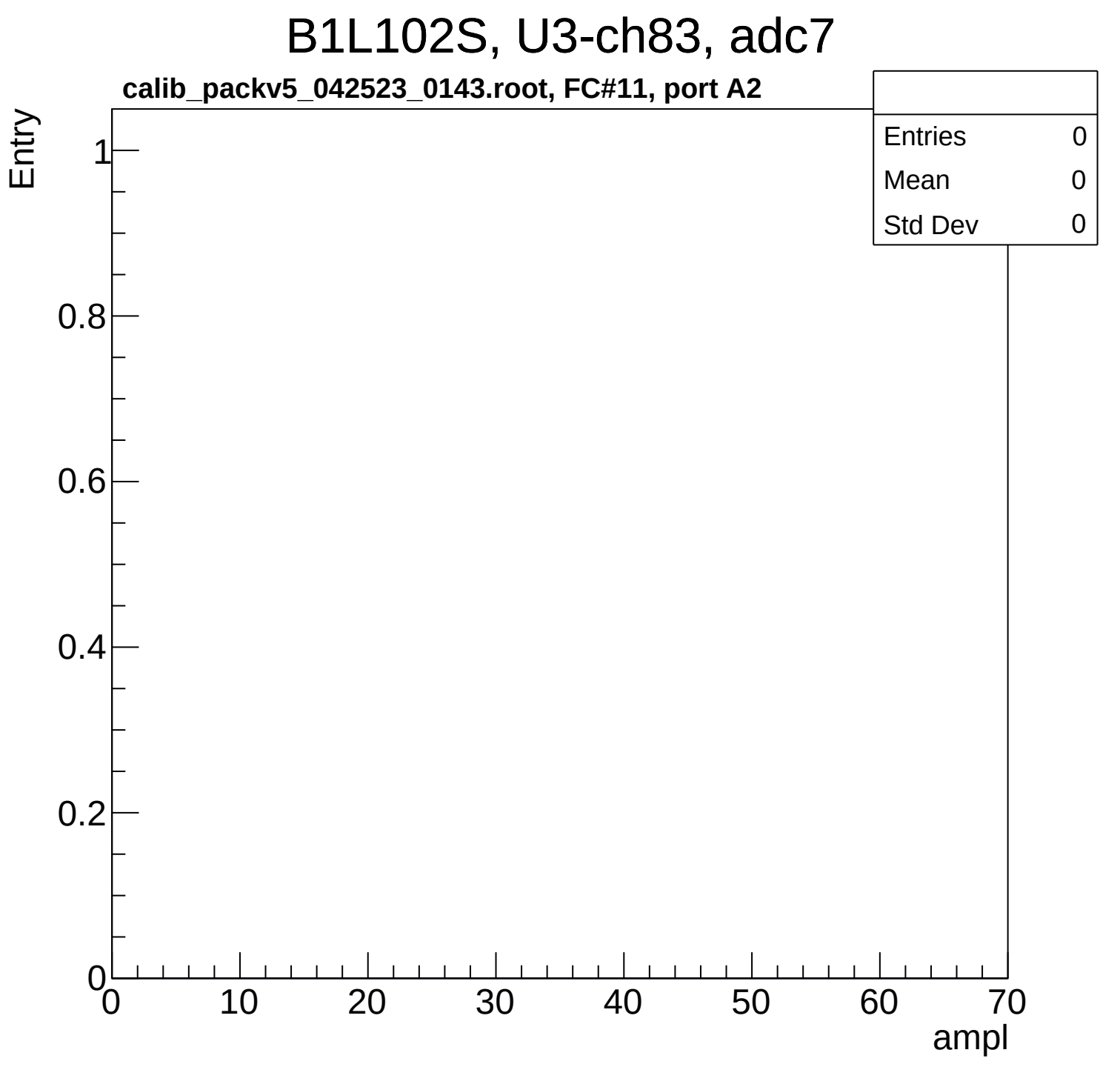
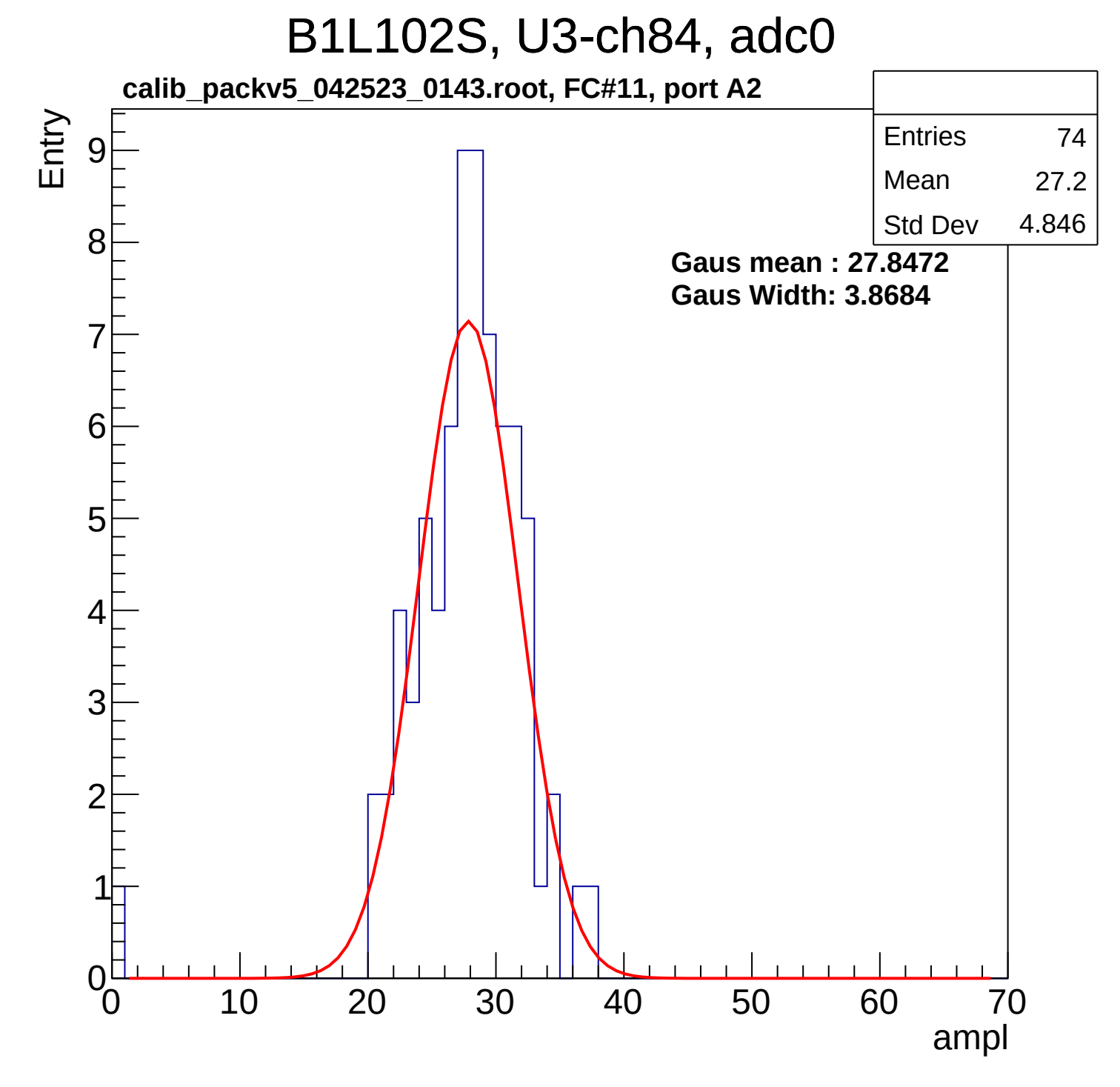
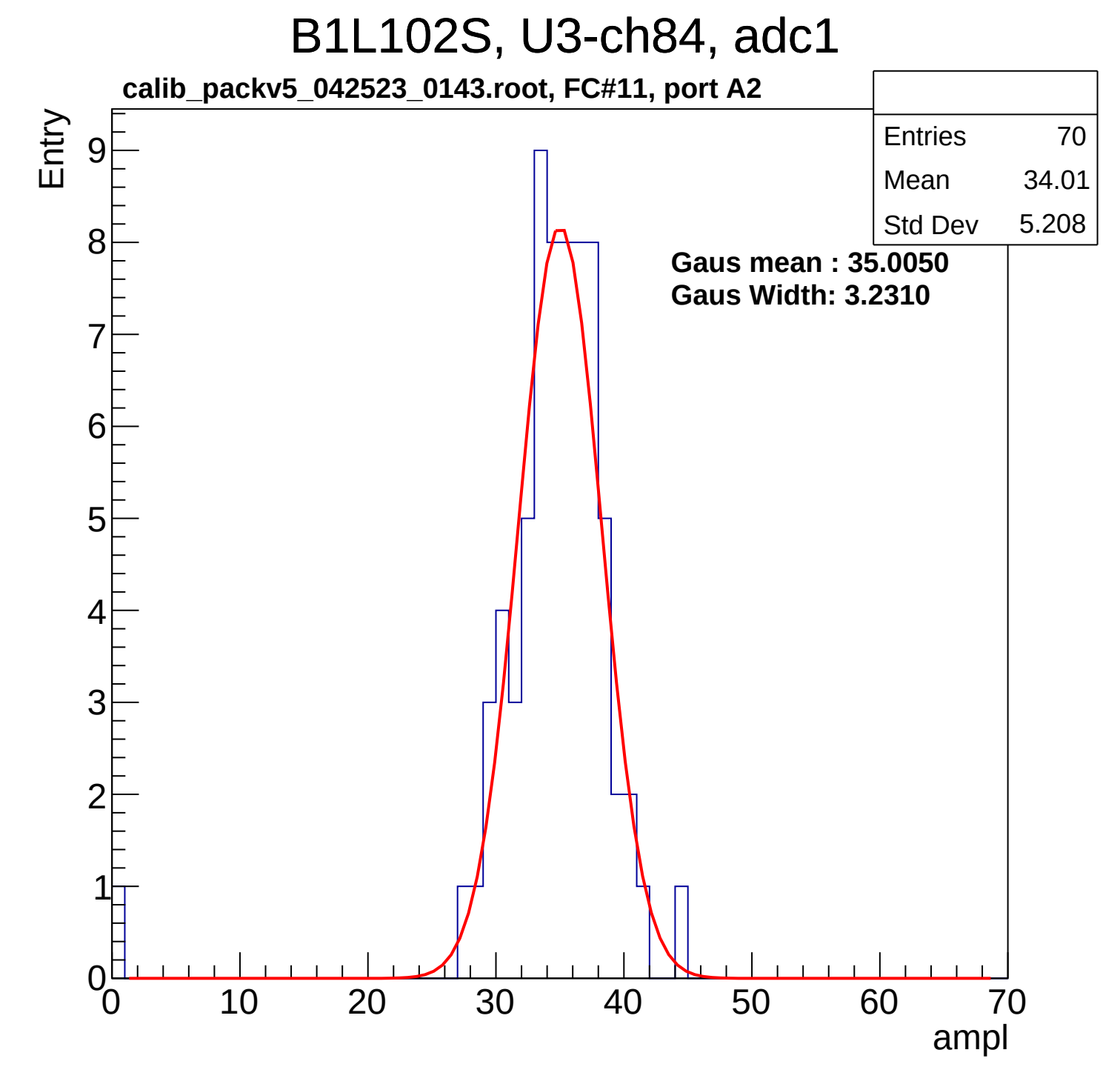
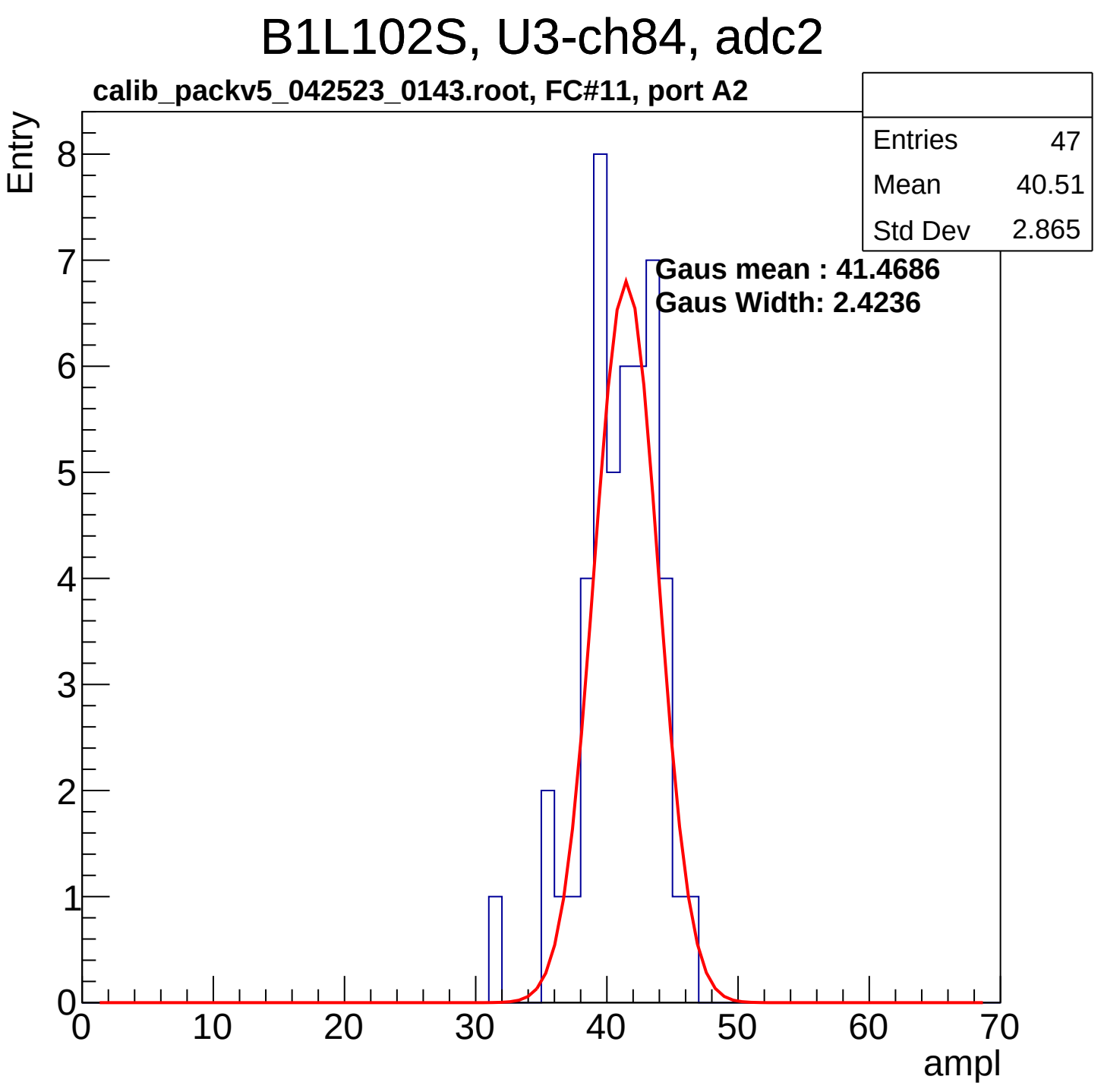
60
70


B1L102S, U3-ch83, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 60.62
Std Dev 2.176
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, U3-ch83, 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, U3-ch84, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 27.2
Std Dev 4.846
Gaus mean : 27.8472
Gaus Width: 3.8684
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch84, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 34.01
Std Dev 5.208
Gaus mean : 35.0050
Gaus Width: 3.2310
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch84, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 40.51
Std Dev 2.865
Gaus mean : 41.4686
Gaus Width: 2.4236
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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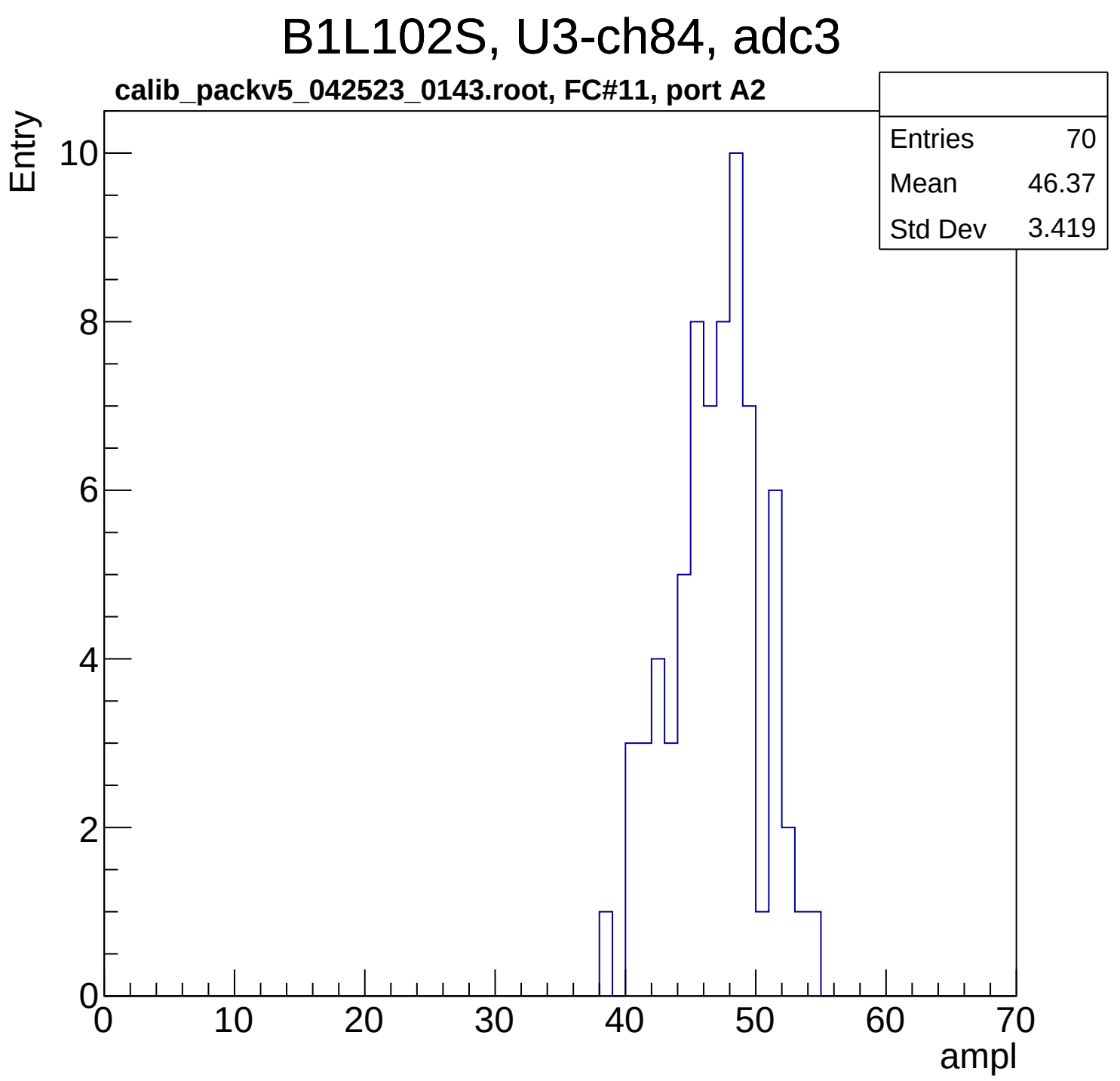
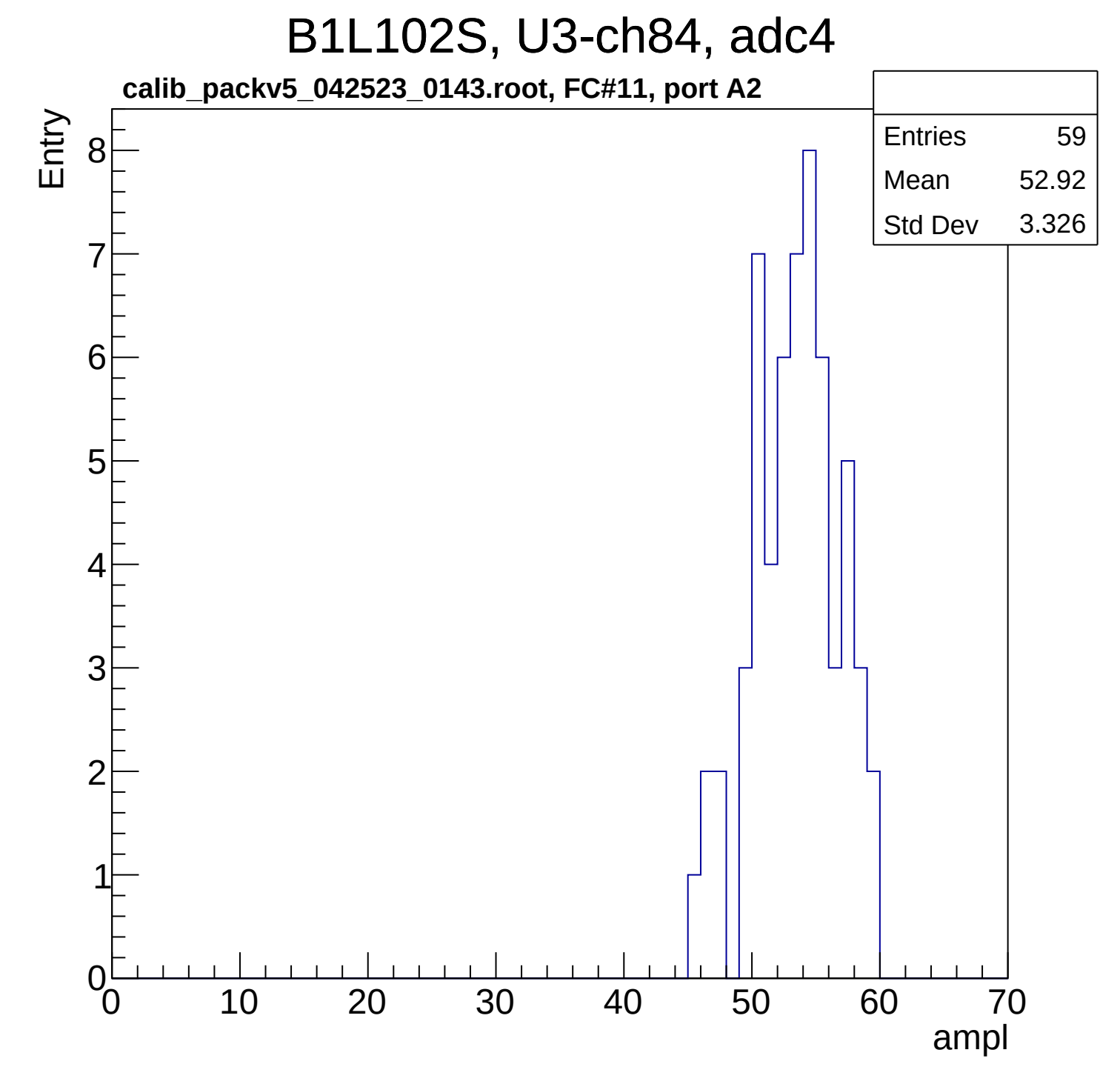
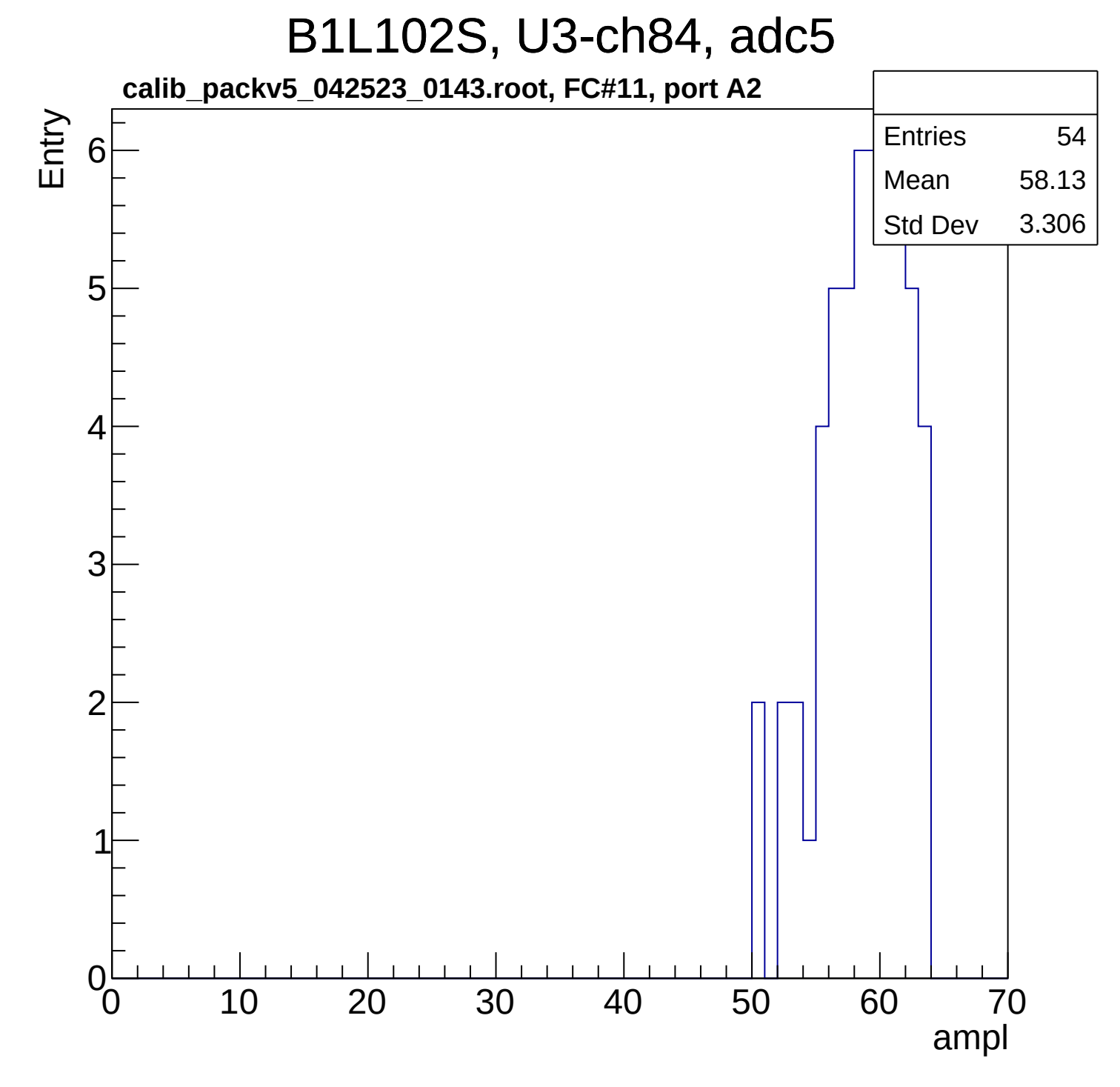
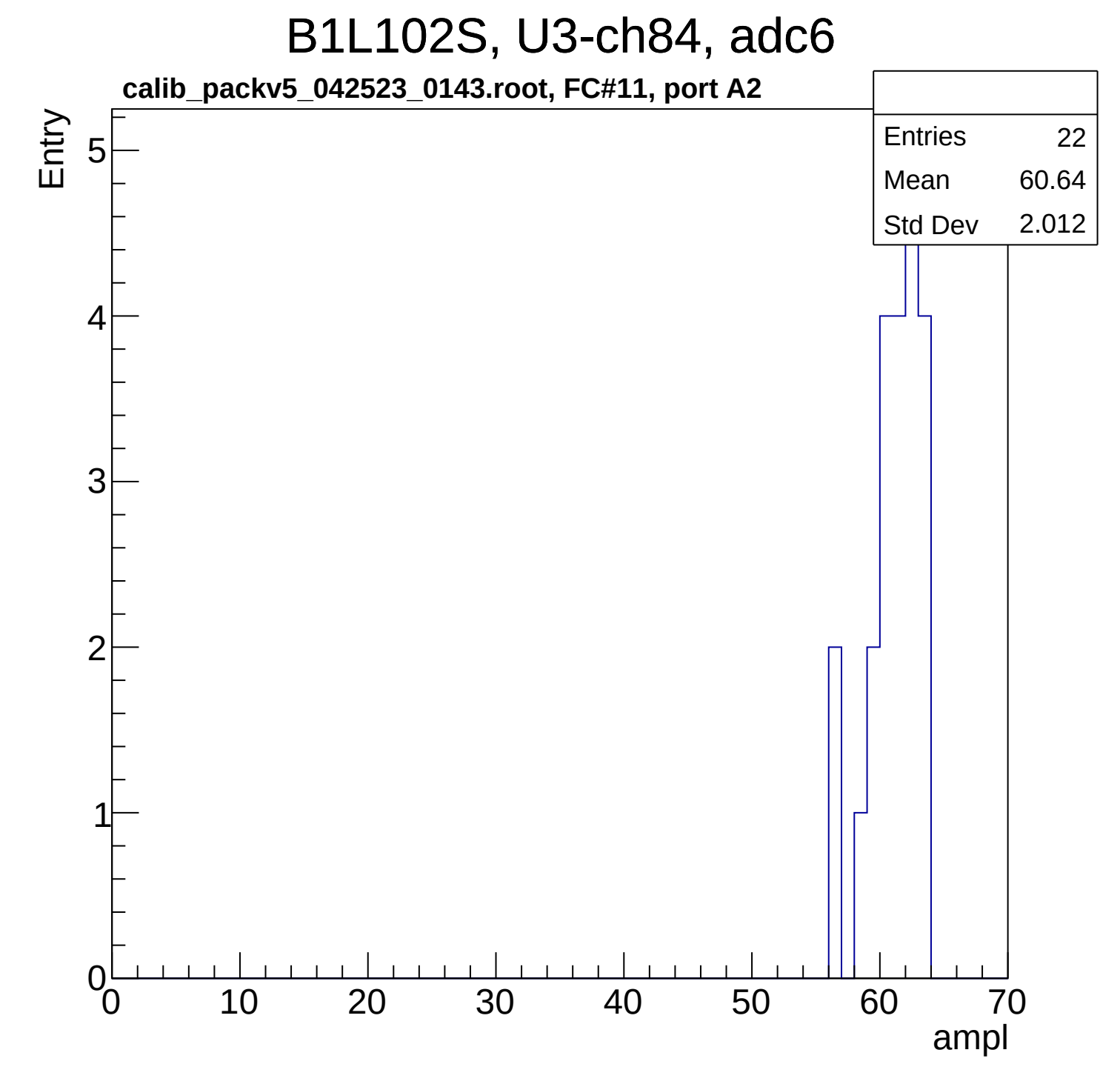
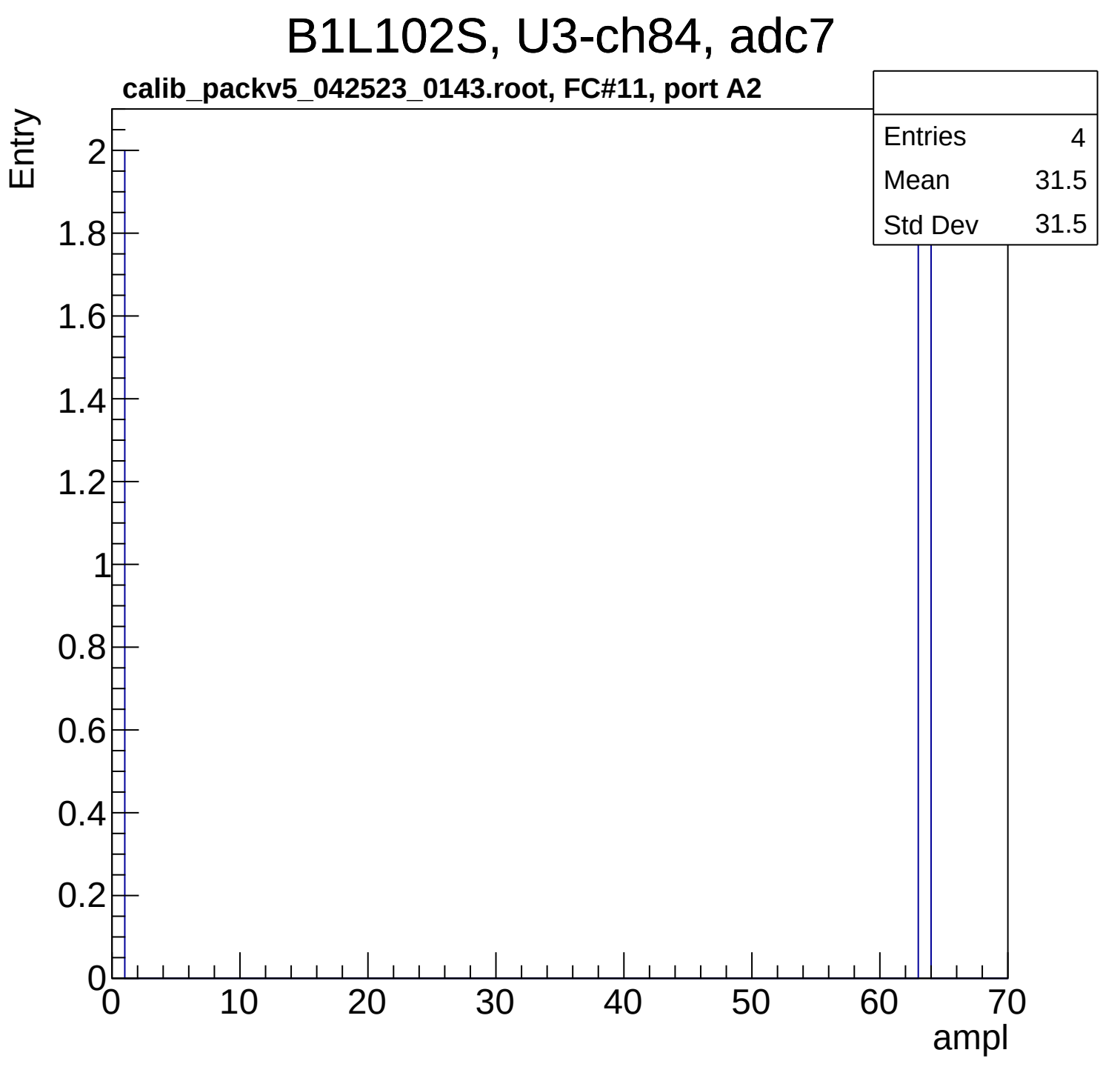
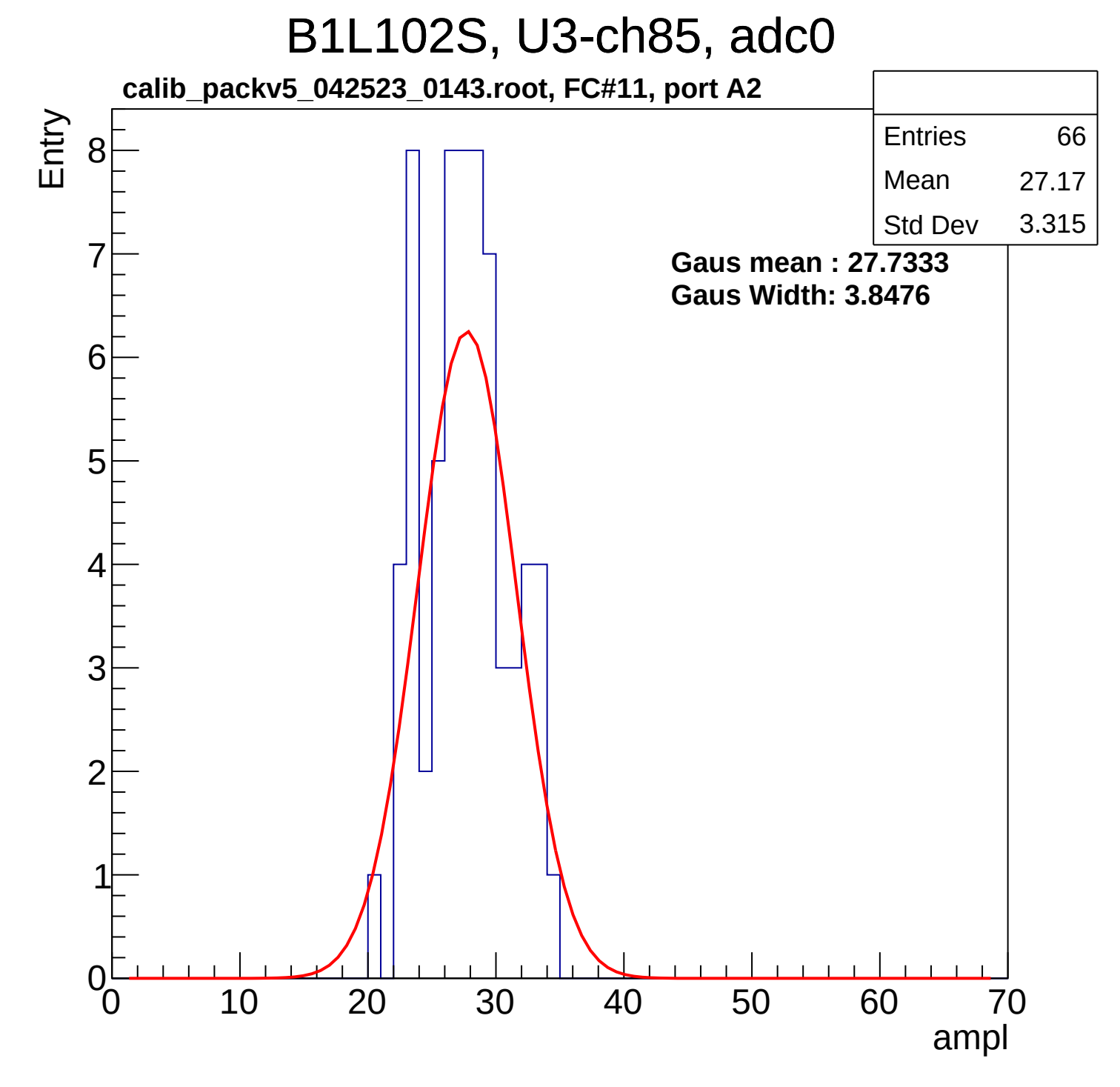

B1L102S, U3-ch84, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 46.37
Std Dev 3.419
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

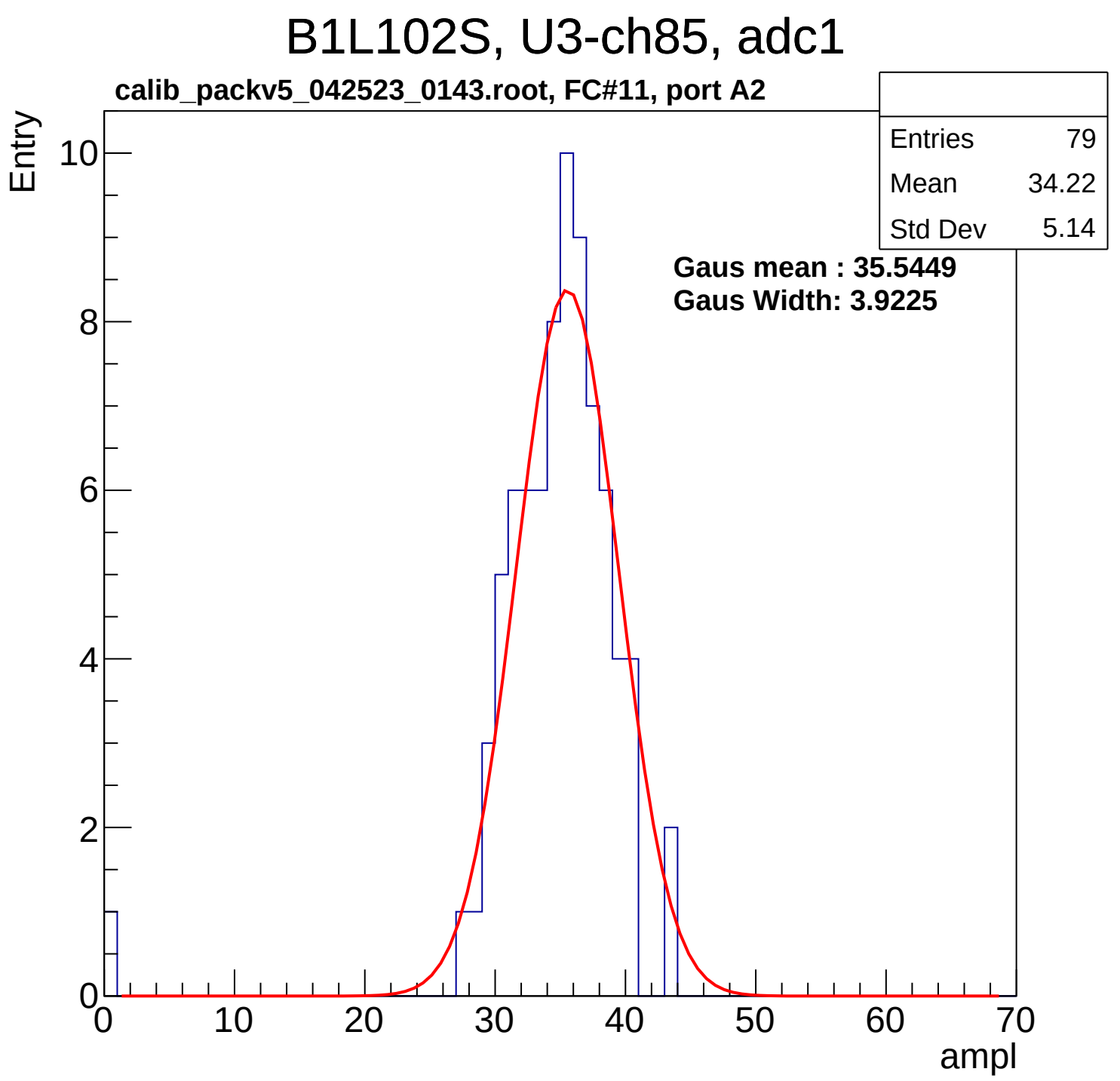

B1L102S, U3-ch84, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 52.92
Std Dev 3.326
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch84, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.13
Std Dev 3.306
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch84, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 22
Mean 60.64
Std Dev 2.012
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U3-ch84, 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, U3-ch85, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 27.17
Std Dev 3.315
Gaus mean : 27.7333
Gaus Width: 3.8476
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch85, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 34.22
Std Dev 5.14
Gaus mean : 35.5449
Gaus Width: 3.9225
Entry
ampl
0
2
4
6
8
10
0
10
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40
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60
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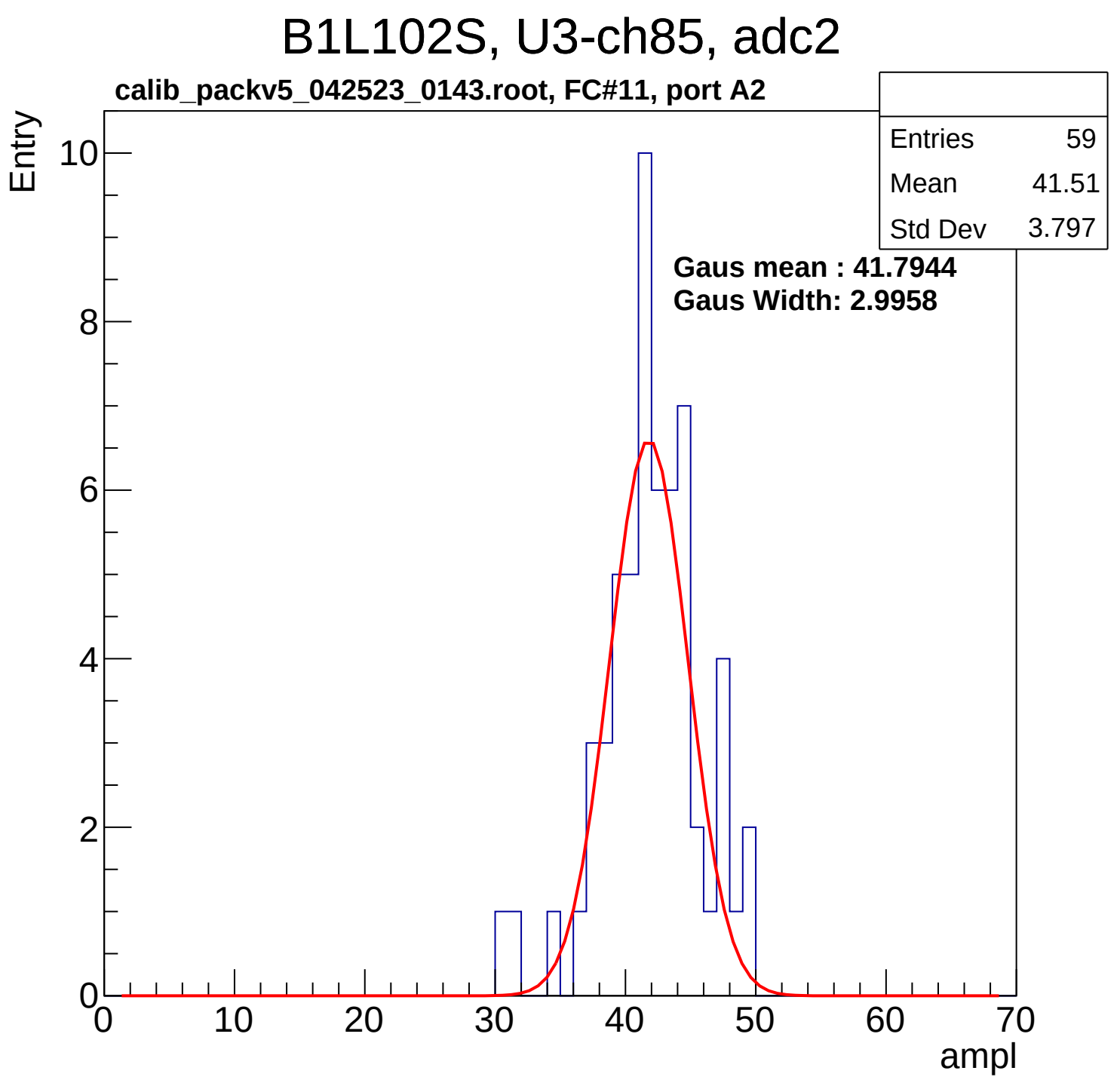
B1L102S, U3-ch85, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 41.51
Std Dev 3.797
Gaus mean : 41.7944
Gaus Width: 2.9958
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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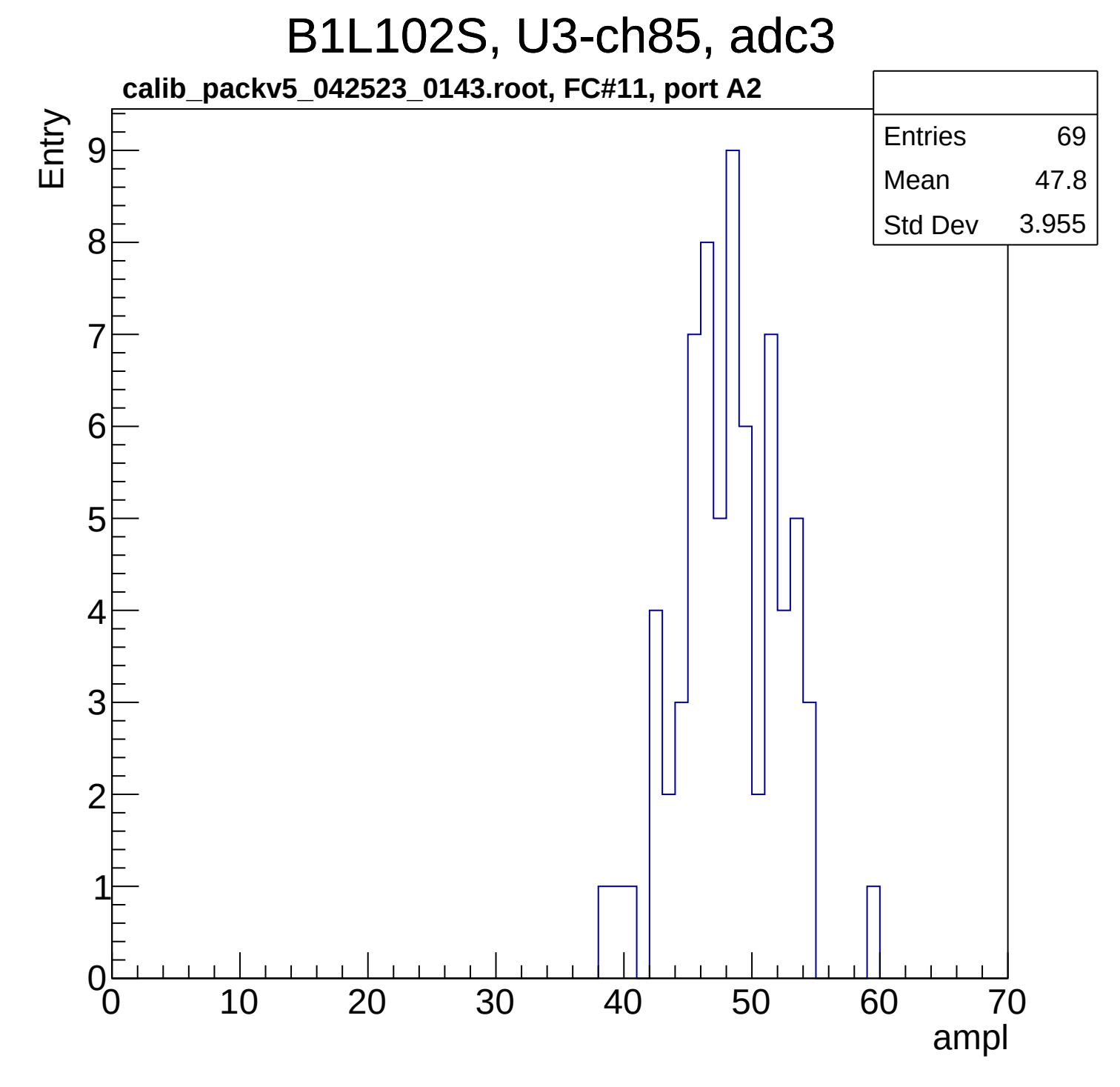
B1L102S, U3-ch85, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 47.8
Std Dev 3.955
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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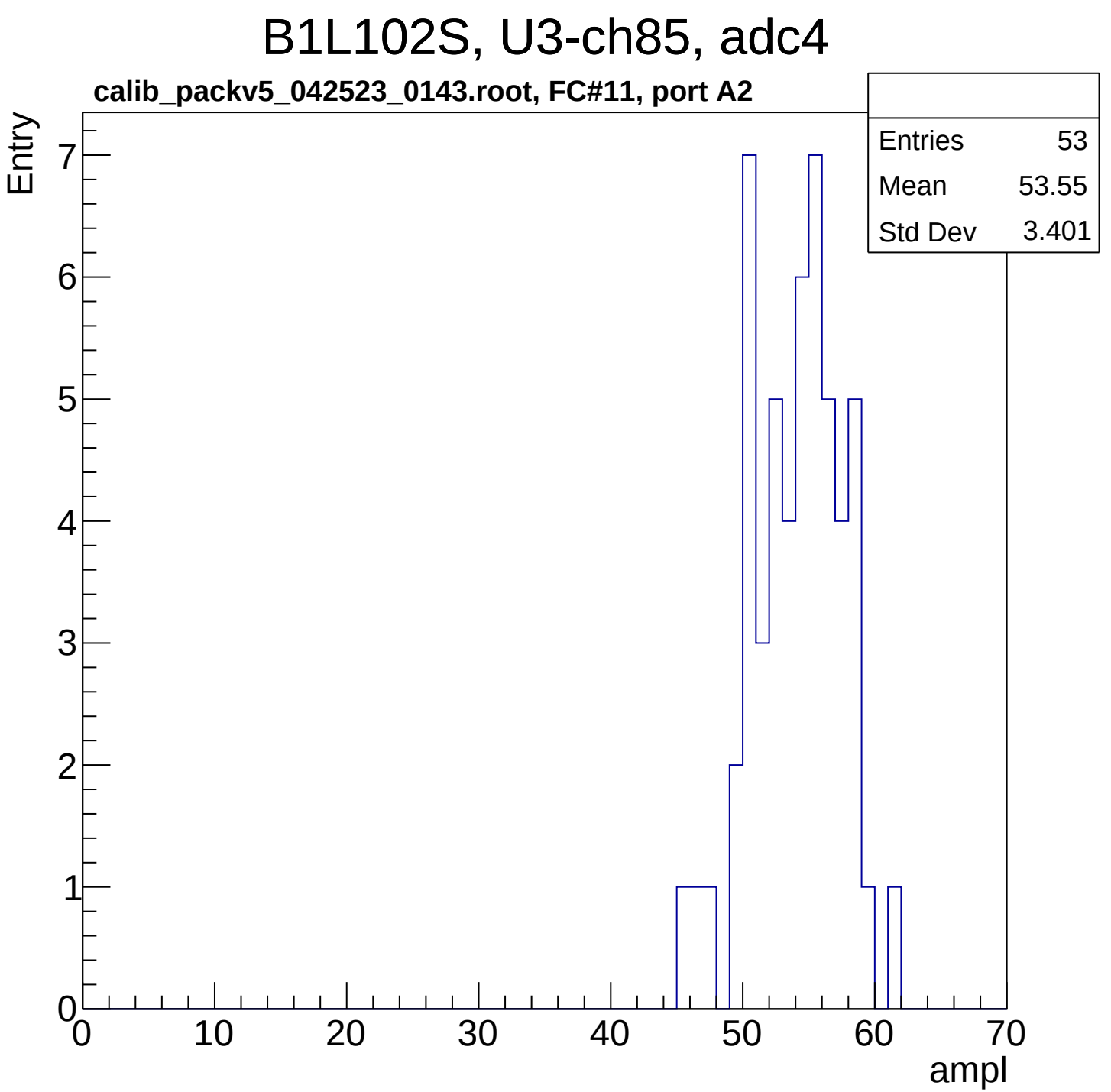
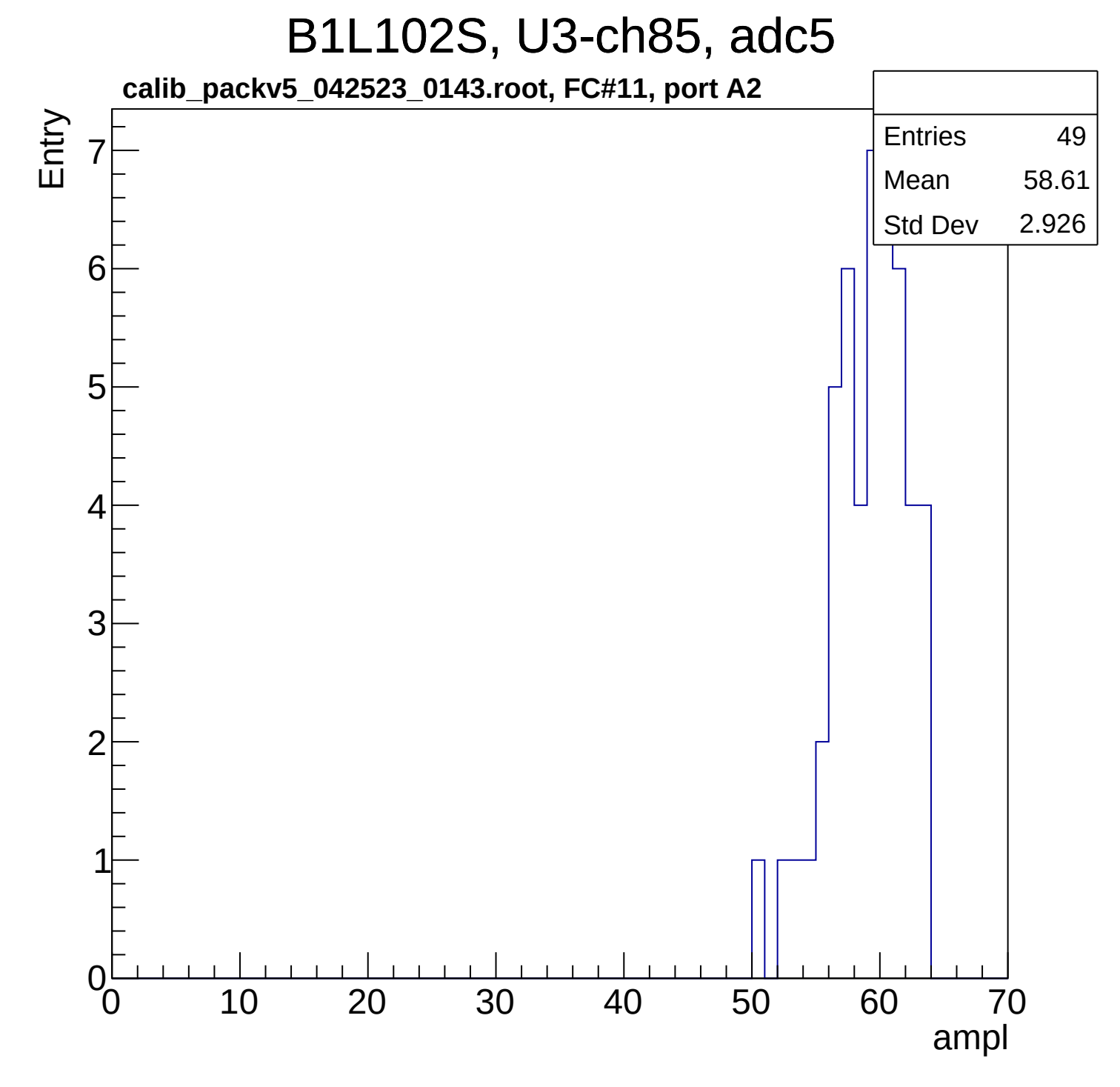
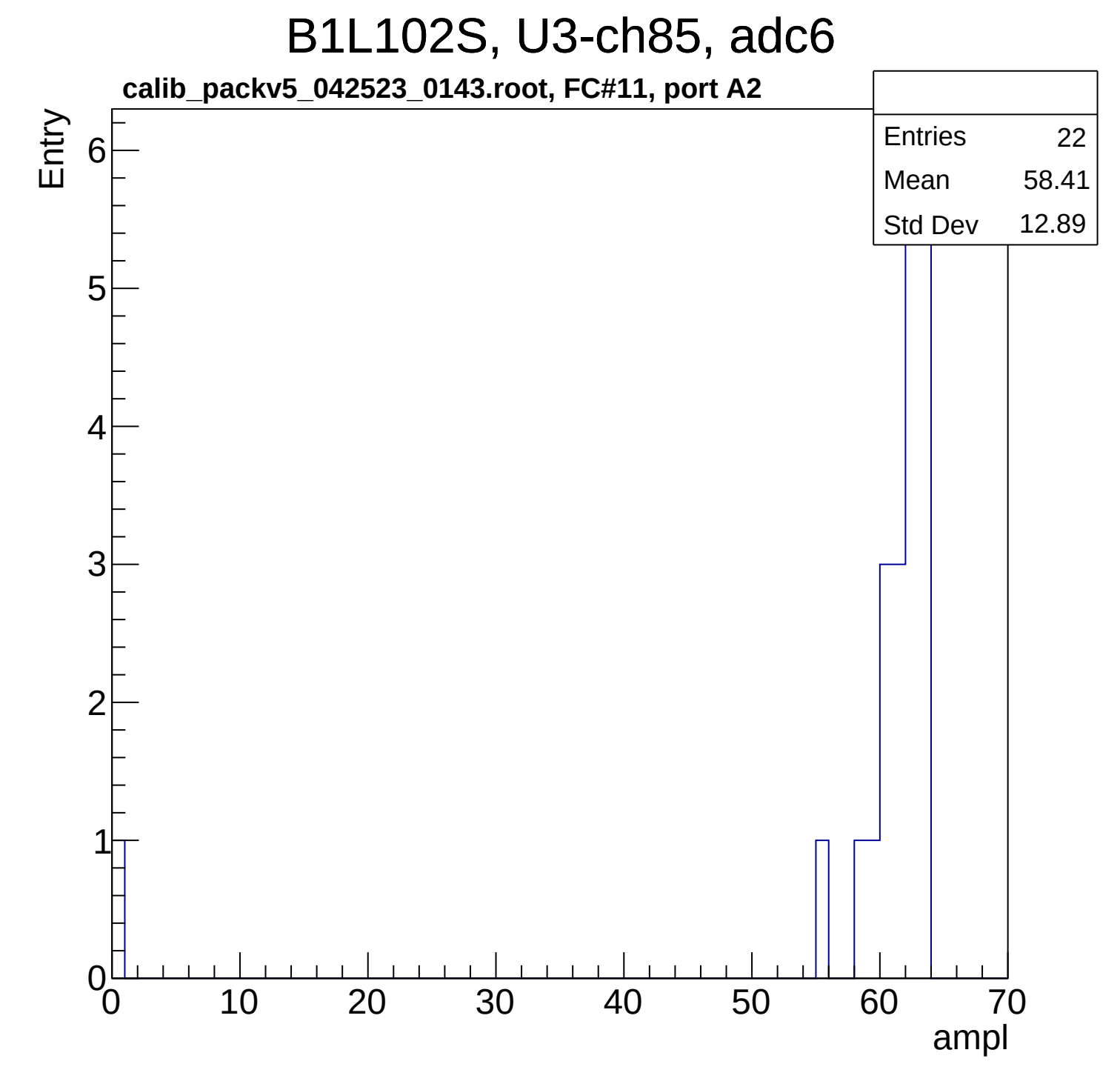
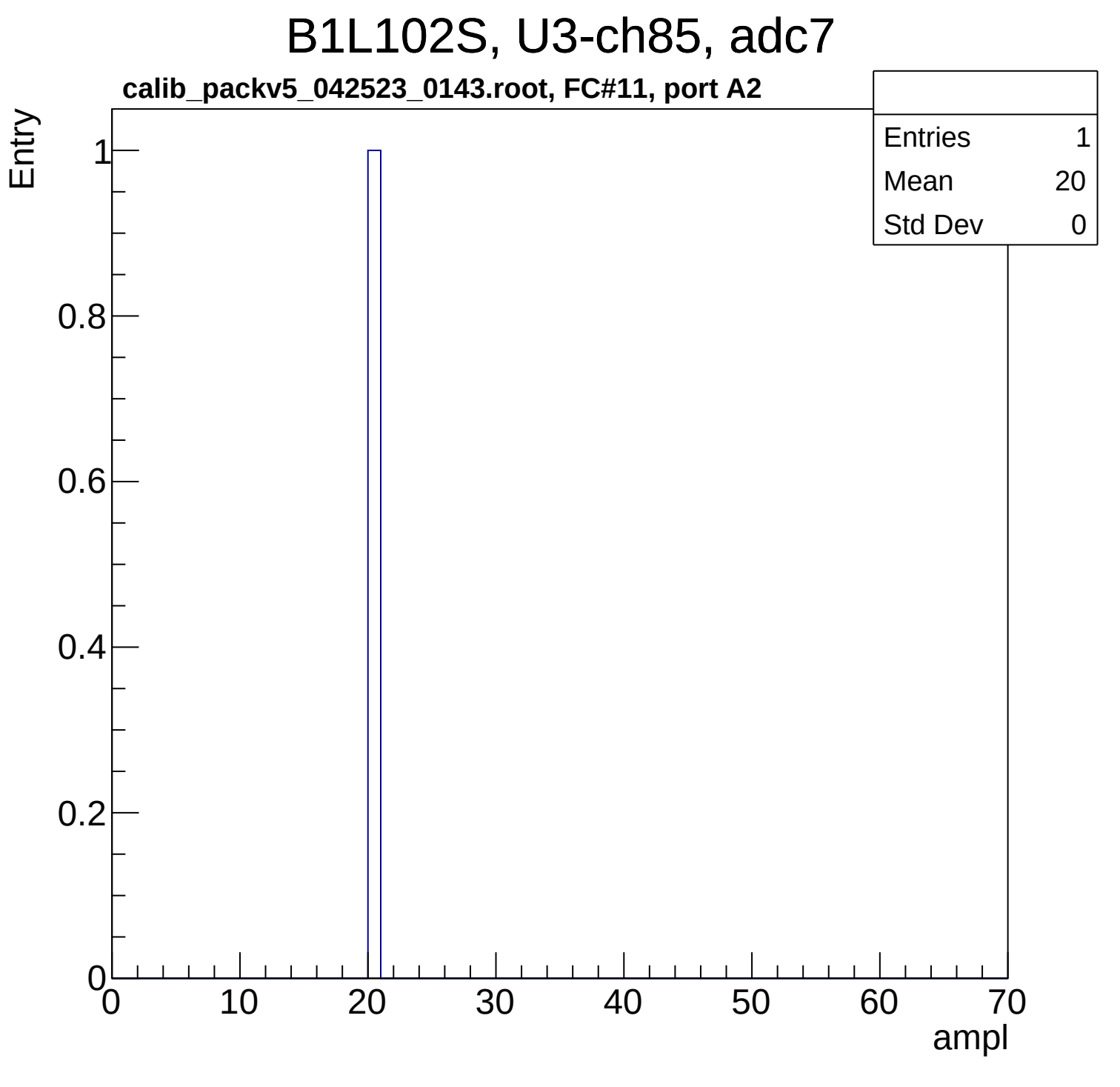
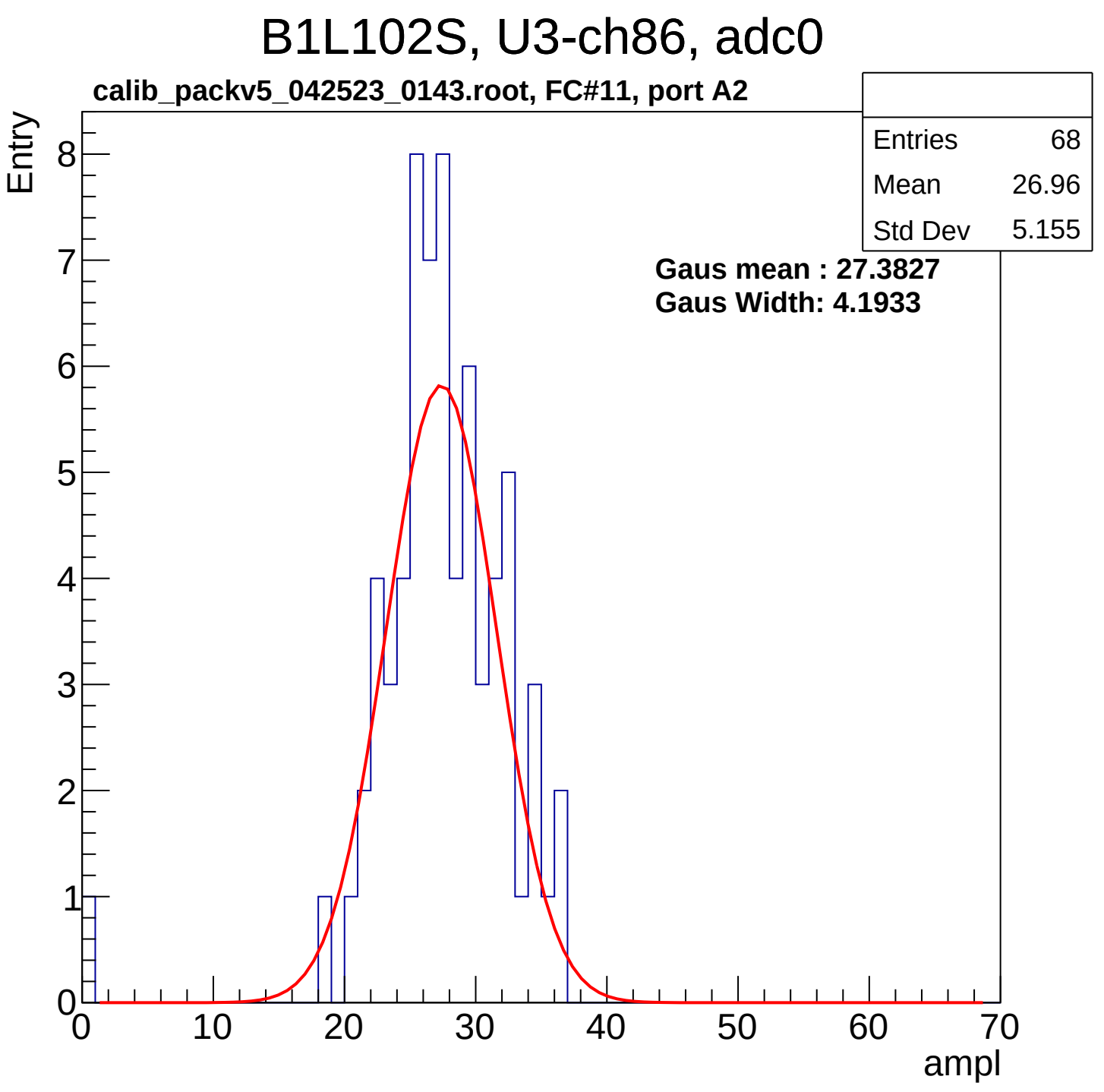

B1L102S, U3-ch85, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 53.55
Std Dev 3.401
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch85, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 58.61
Std Dev 2.926
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch85, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 22
Mean 58.41
Std Dev 12.89
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch85, 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, U3-ch86, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 26.96
Std Dev 5.155
Gaus mean : 27.3827
Gaus Width: 4.1933
Entry
ampl
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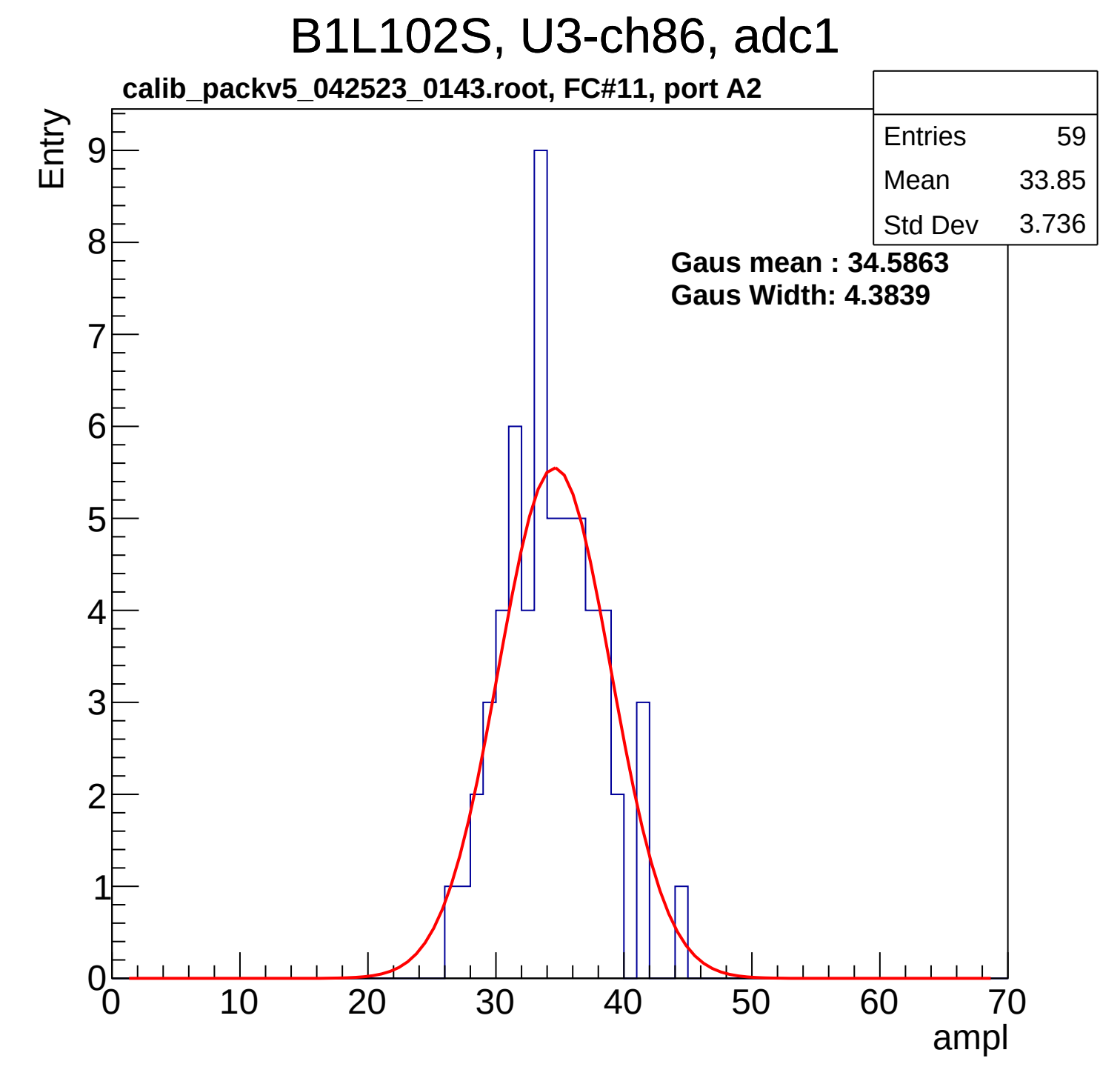
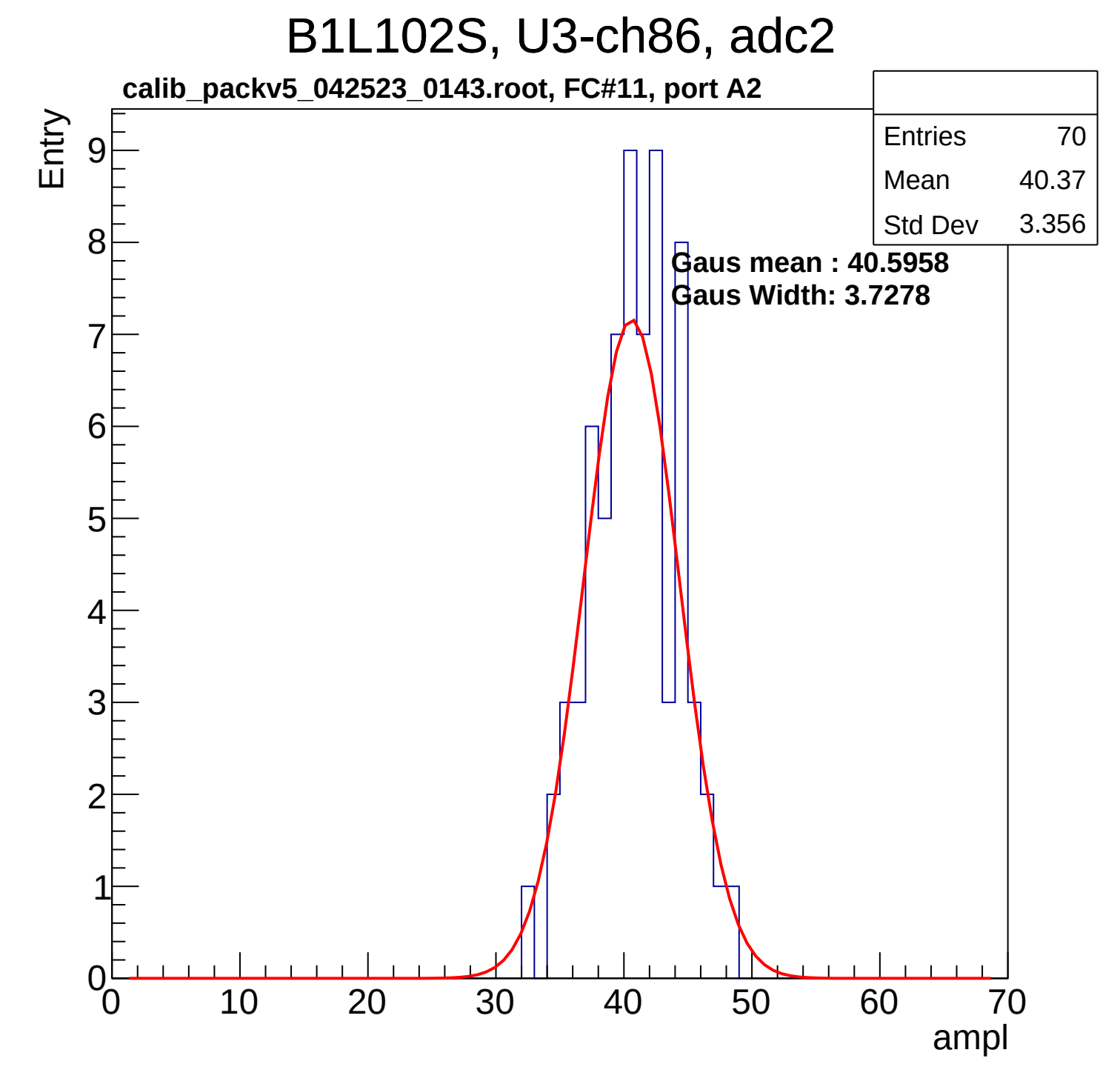
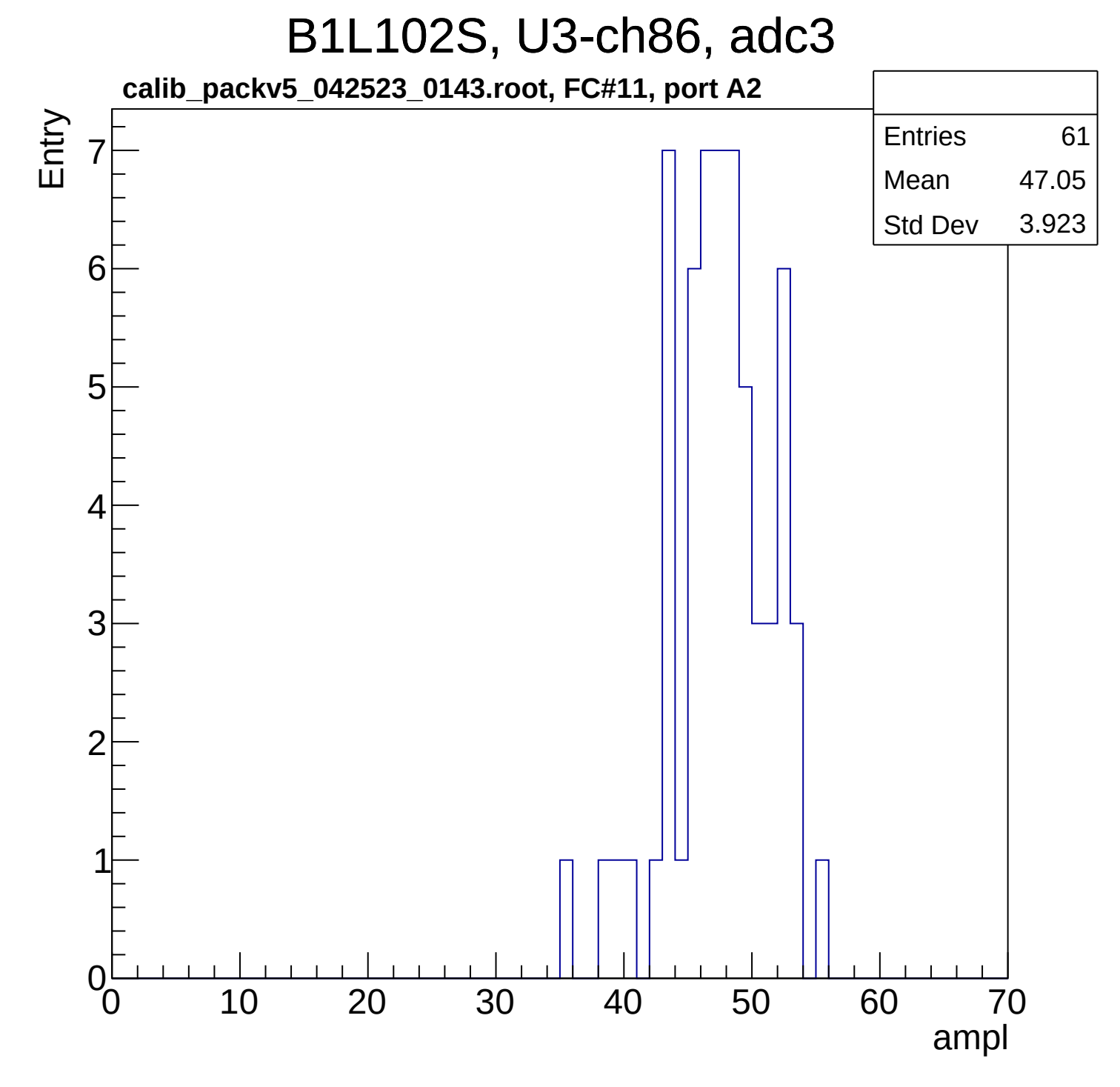
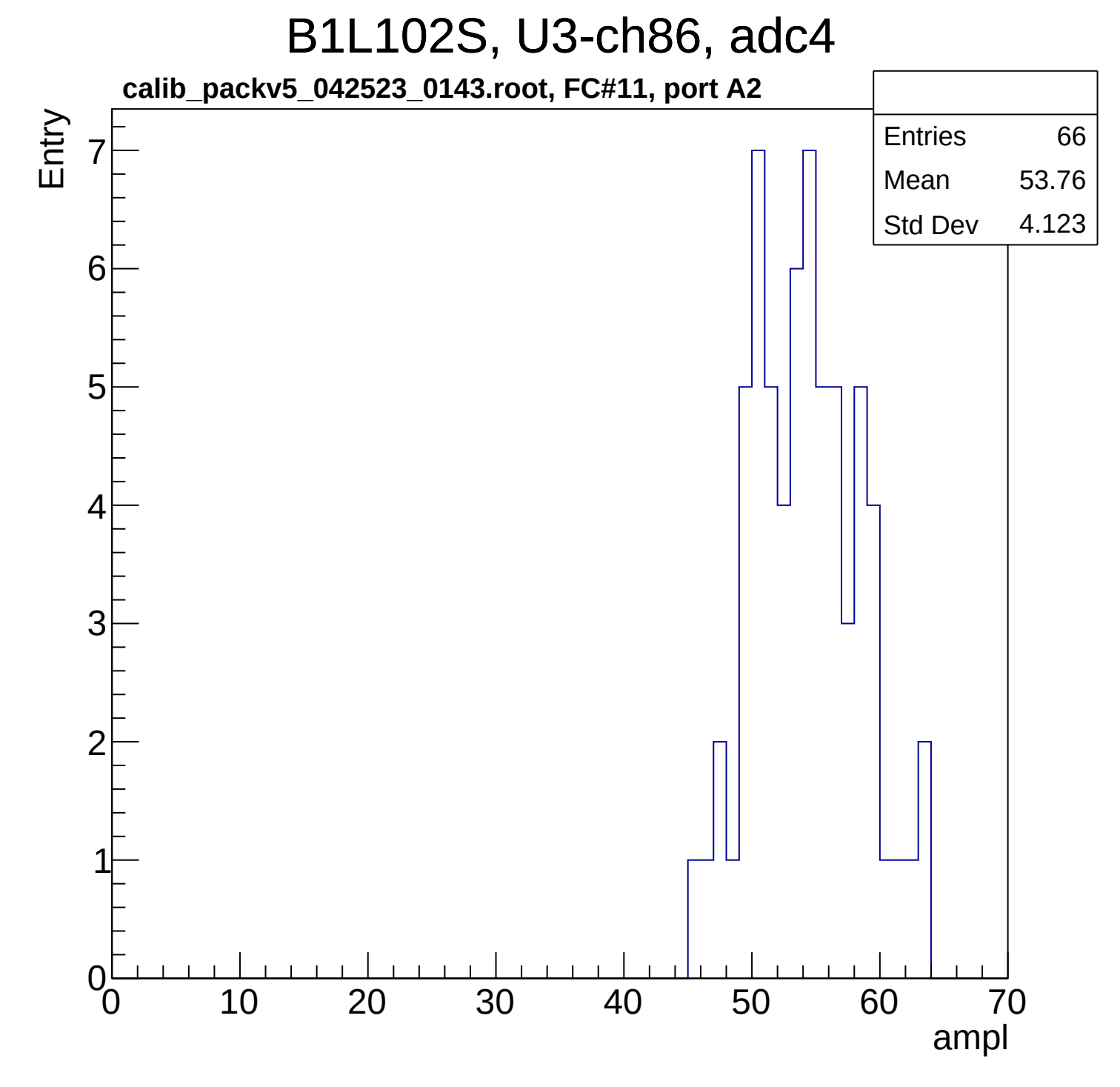
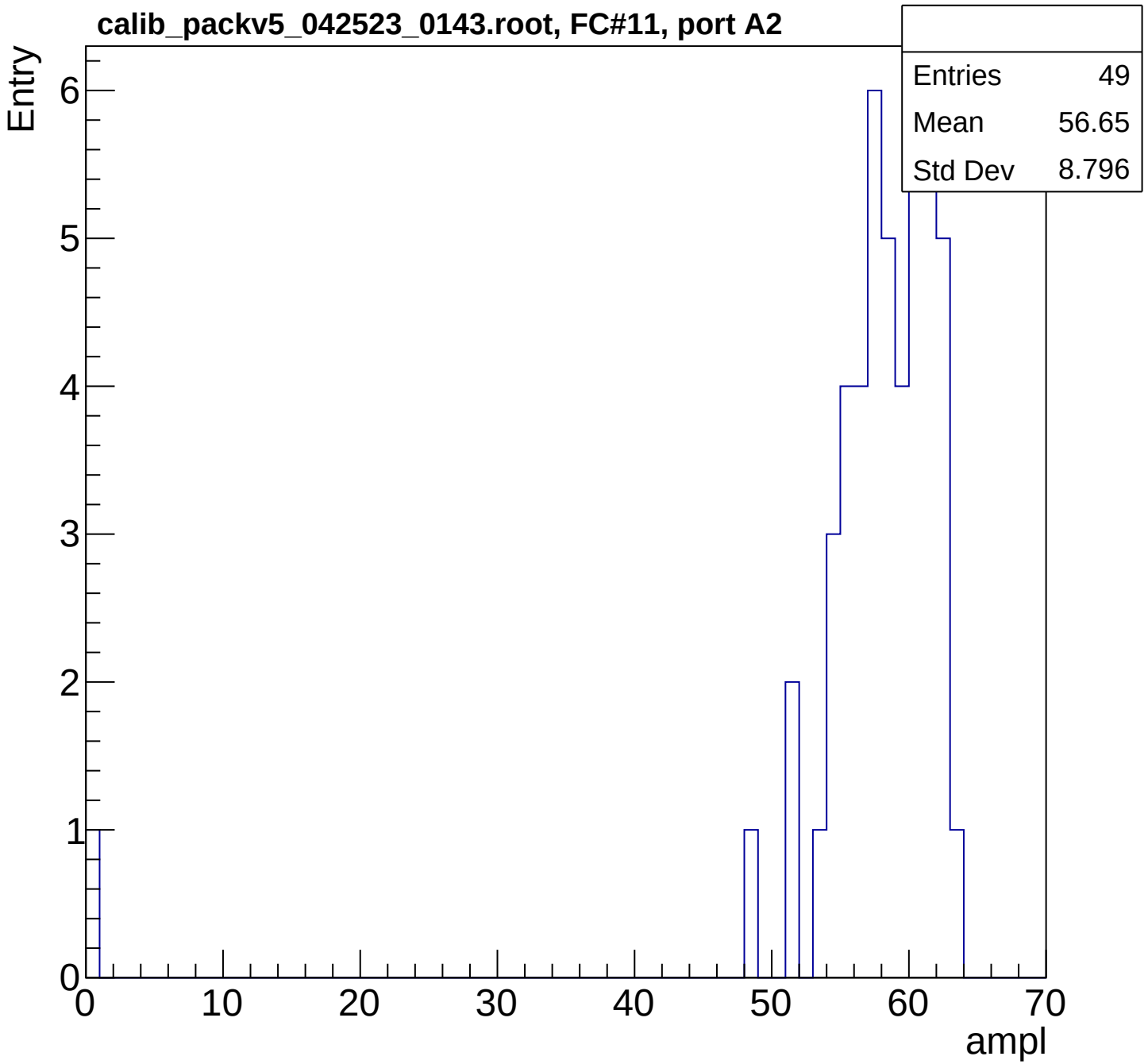
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

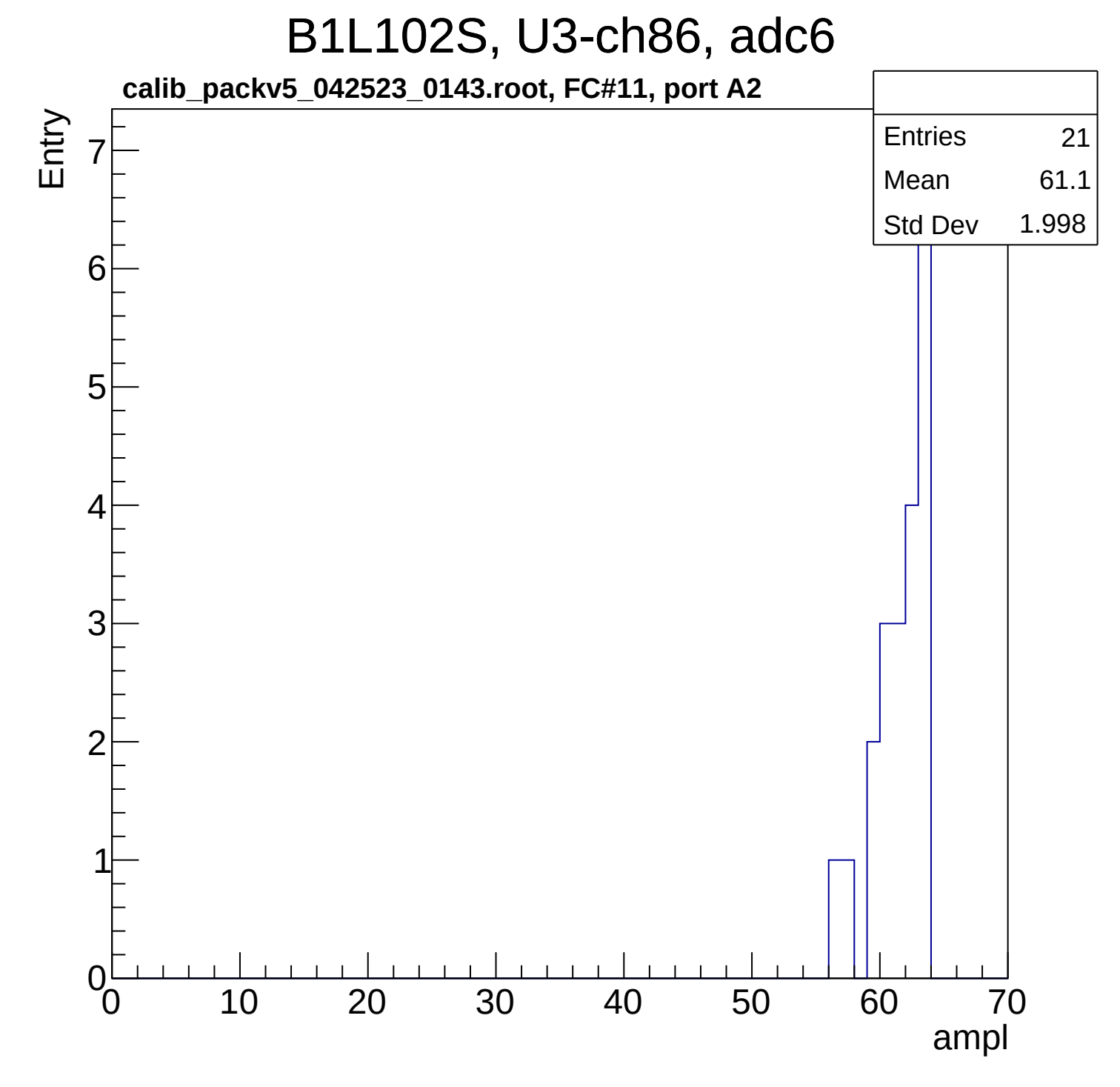

B1L102S, U3-ch86, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 33.85
Std Dev 3.736
Gaus mean : 34.5863
Gaus Width: 4.3839
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

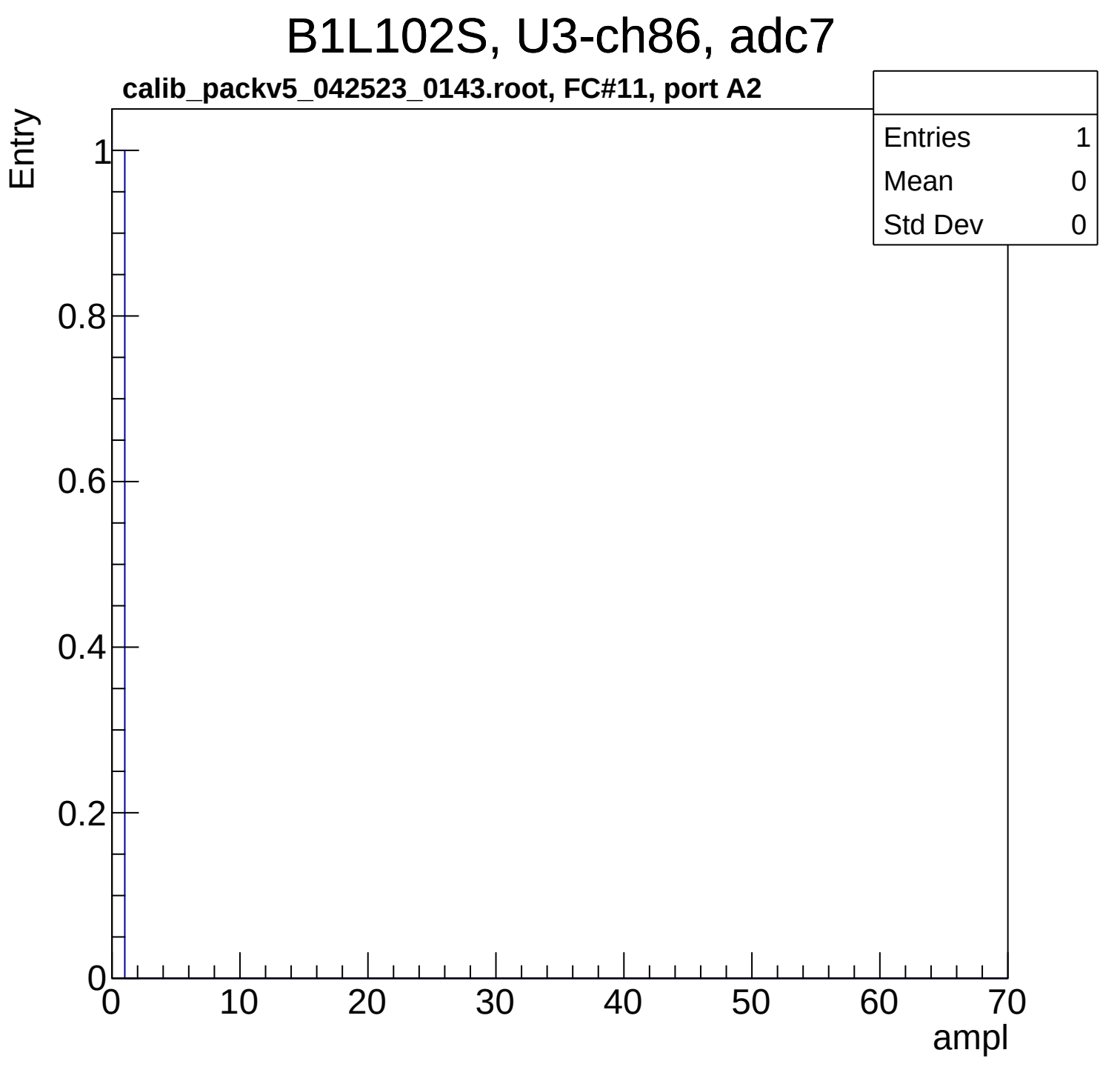

B1L102S, U3-ch86, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 40.37
Std Dev 3.356
Gaus mean : 40.5958
Gaus Width: 3.7278
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

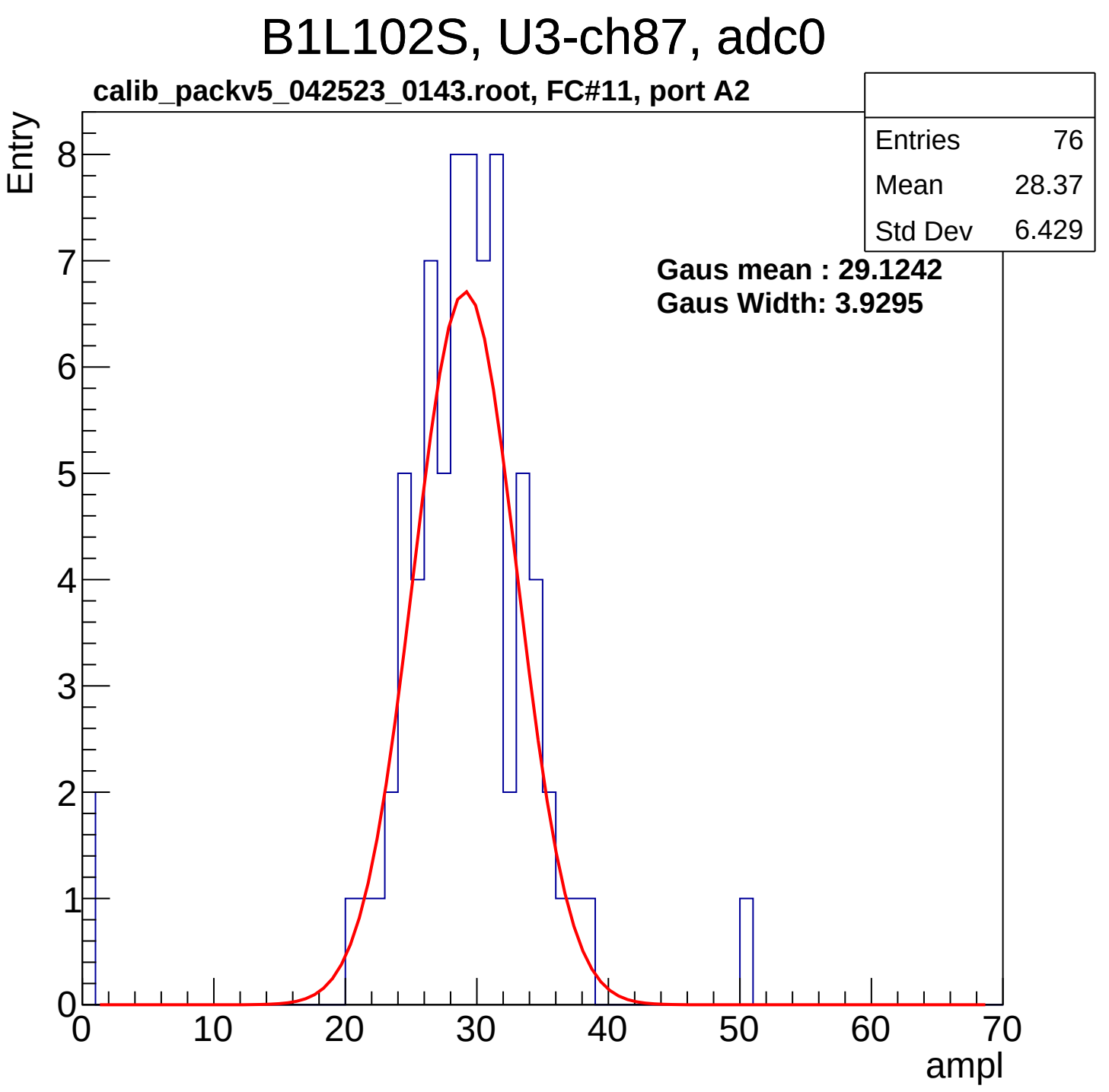

B1L102S, U3-ch86, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 47.05
Std Dev 3.923
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

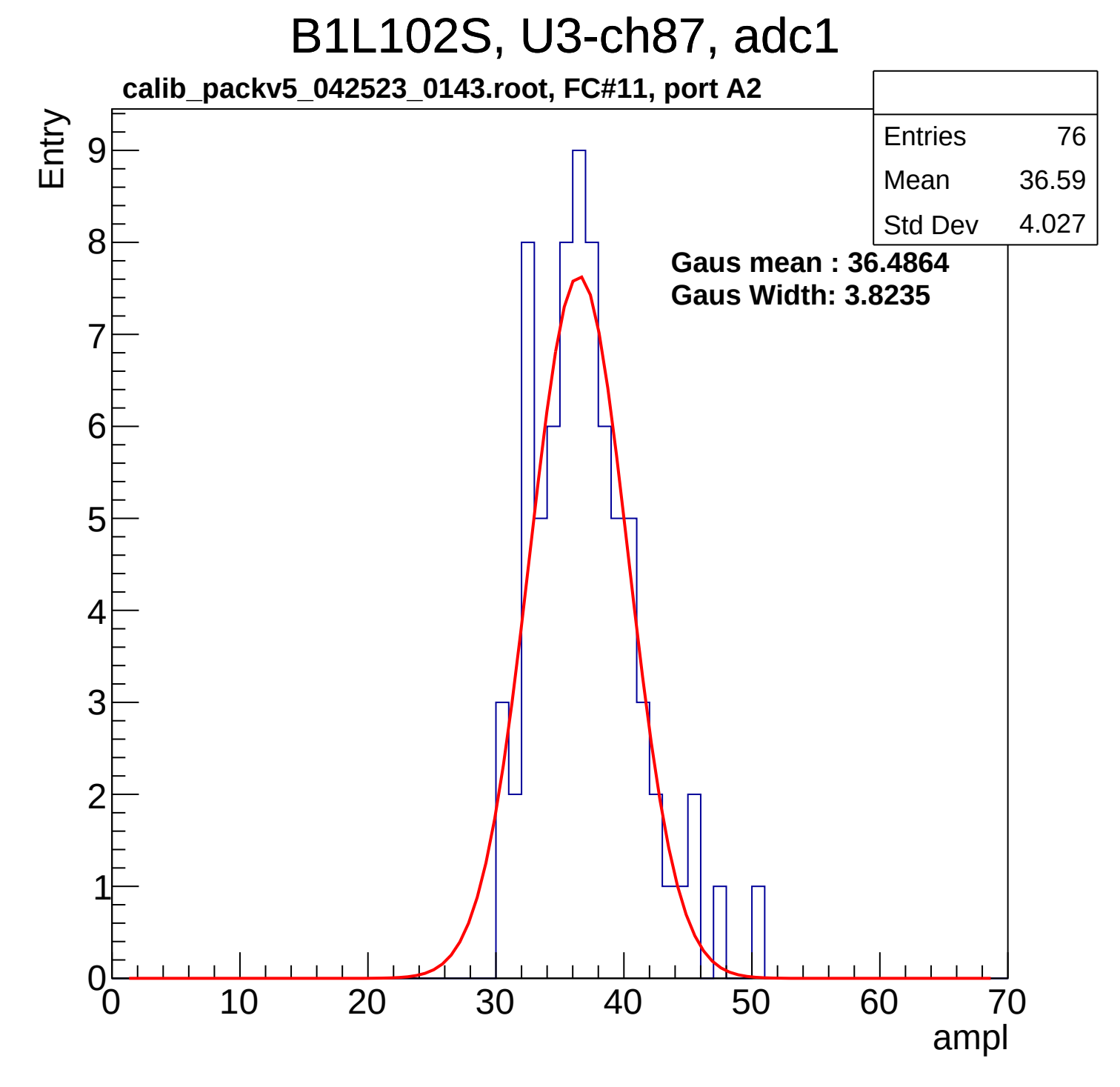

B1L102S, U3-ch86, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 53.76
Std Dev 4.123
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch86, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 56.65
Std Dev 8.796
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch86, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 21
Mean 61.1
Std Dev 1.998
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch86, 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, U3-ch87, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 28.37
Std Dev 6.429
Gaus mean : 29.1242
Gaus Width: 3.9295
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch87, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 36.59
Std Dev 4.027
Gaus mean : 36.4864
Gaus Width: 3.8235
Entry
ampl
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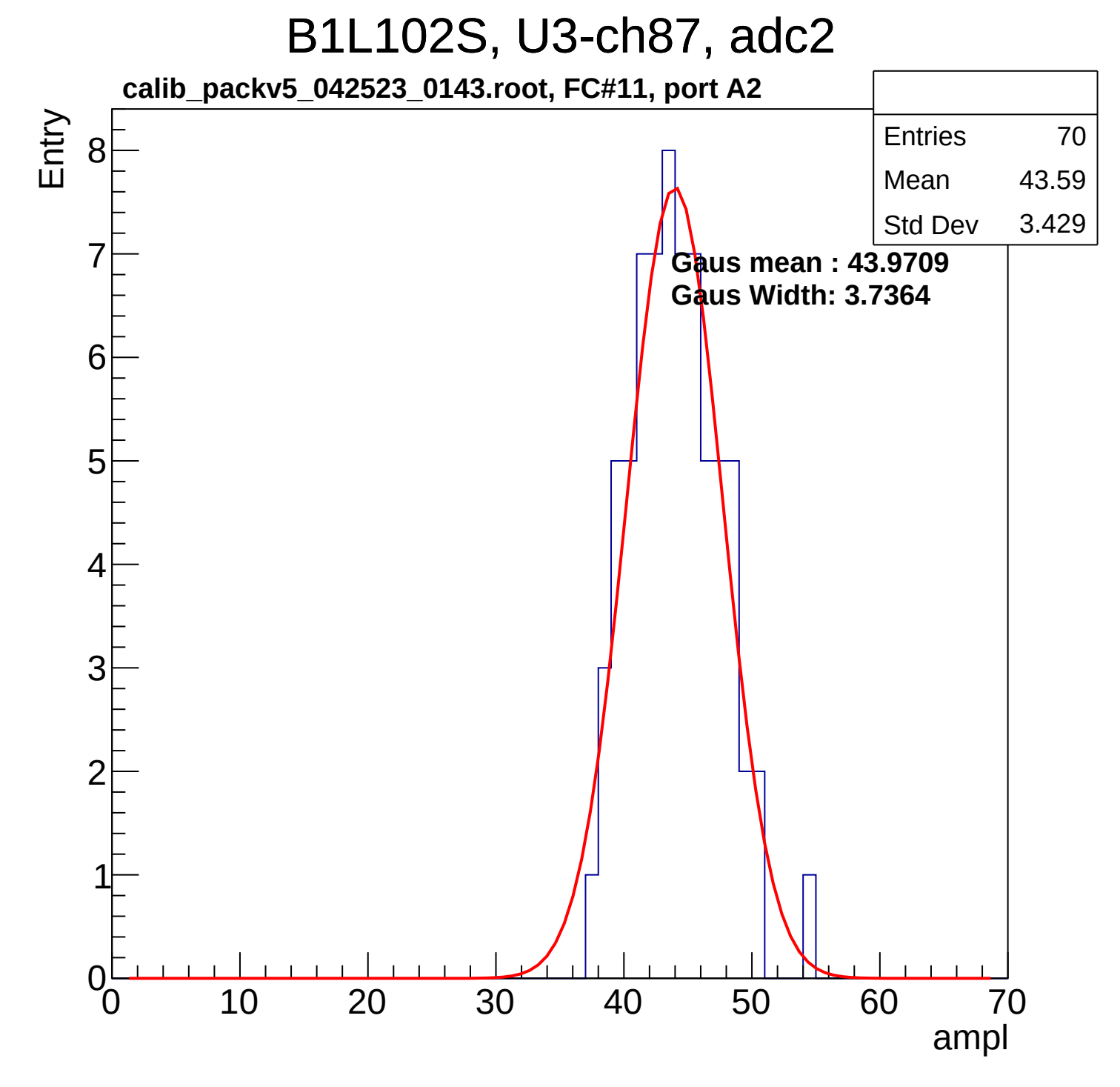
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U3-ch87, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 43.59
Std Dev 3.429
Gaus mean : 43.9709
Gaus Width: 3.7364
Entry
ampl
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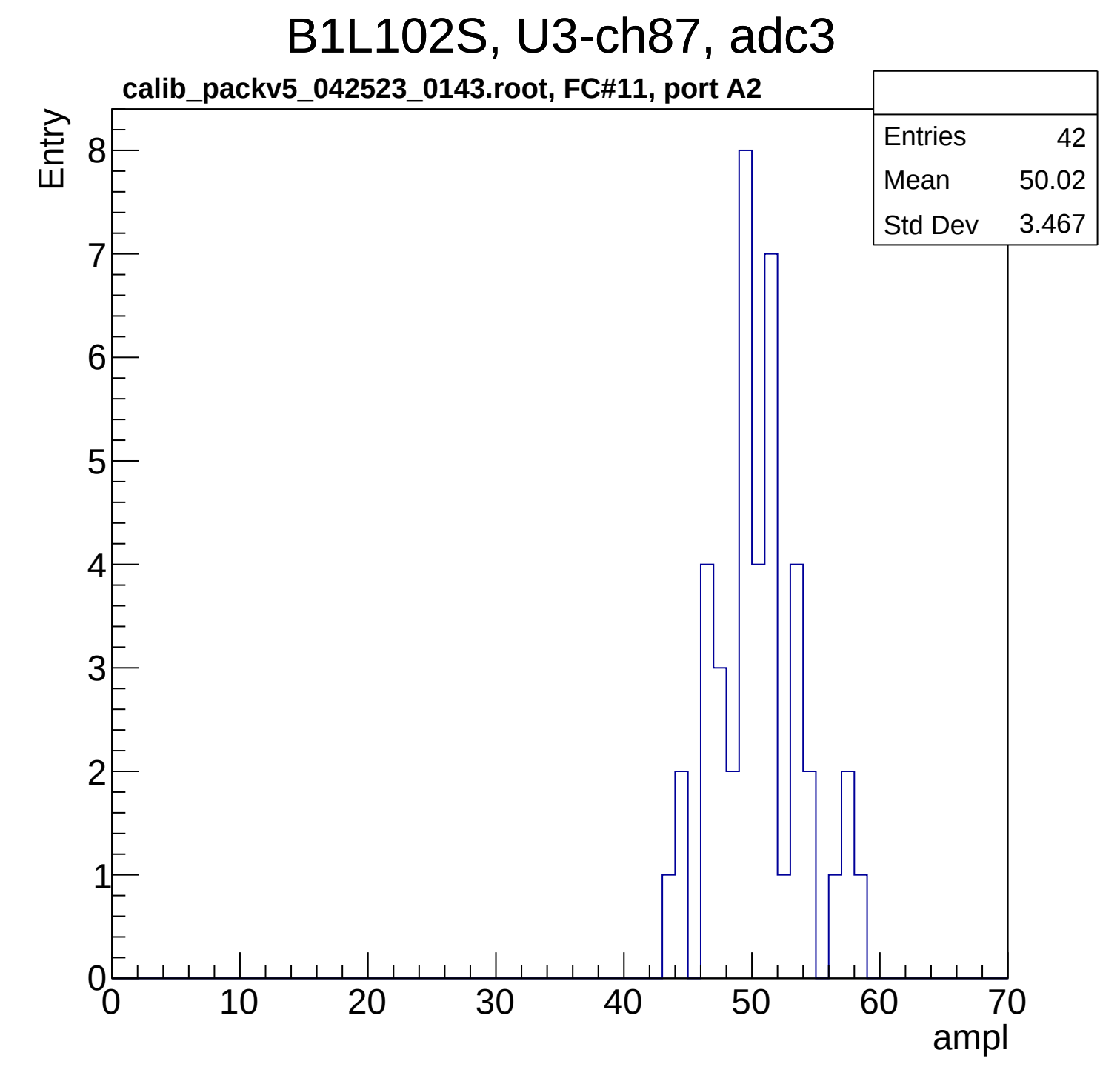
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch87, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 50.02
Std Dev 3.467
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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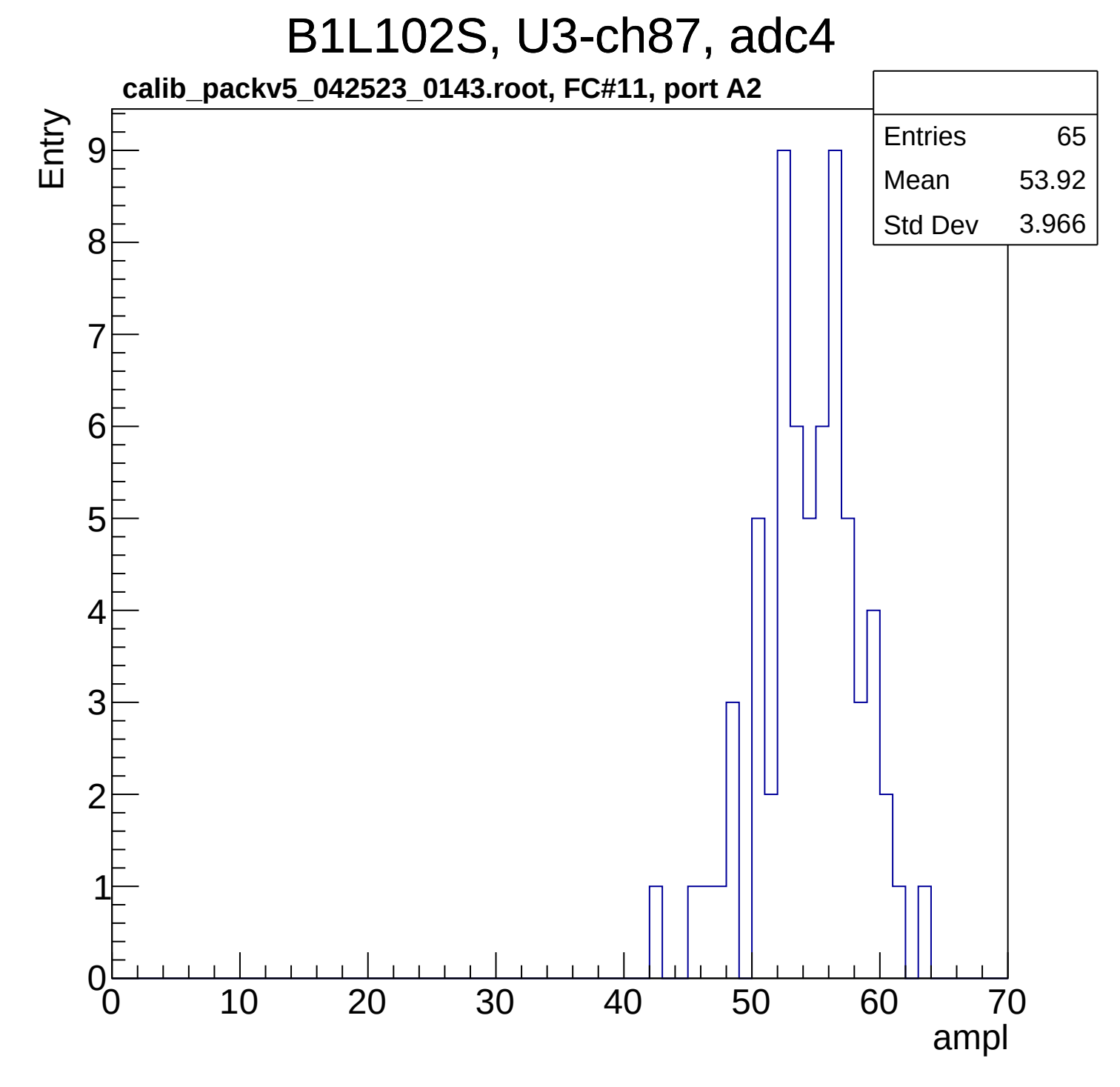
B1L102S, U3-ch87, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 53.92
Std Dev 3.966
Entry
ampl
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4
5
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7
8
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0
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40
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60
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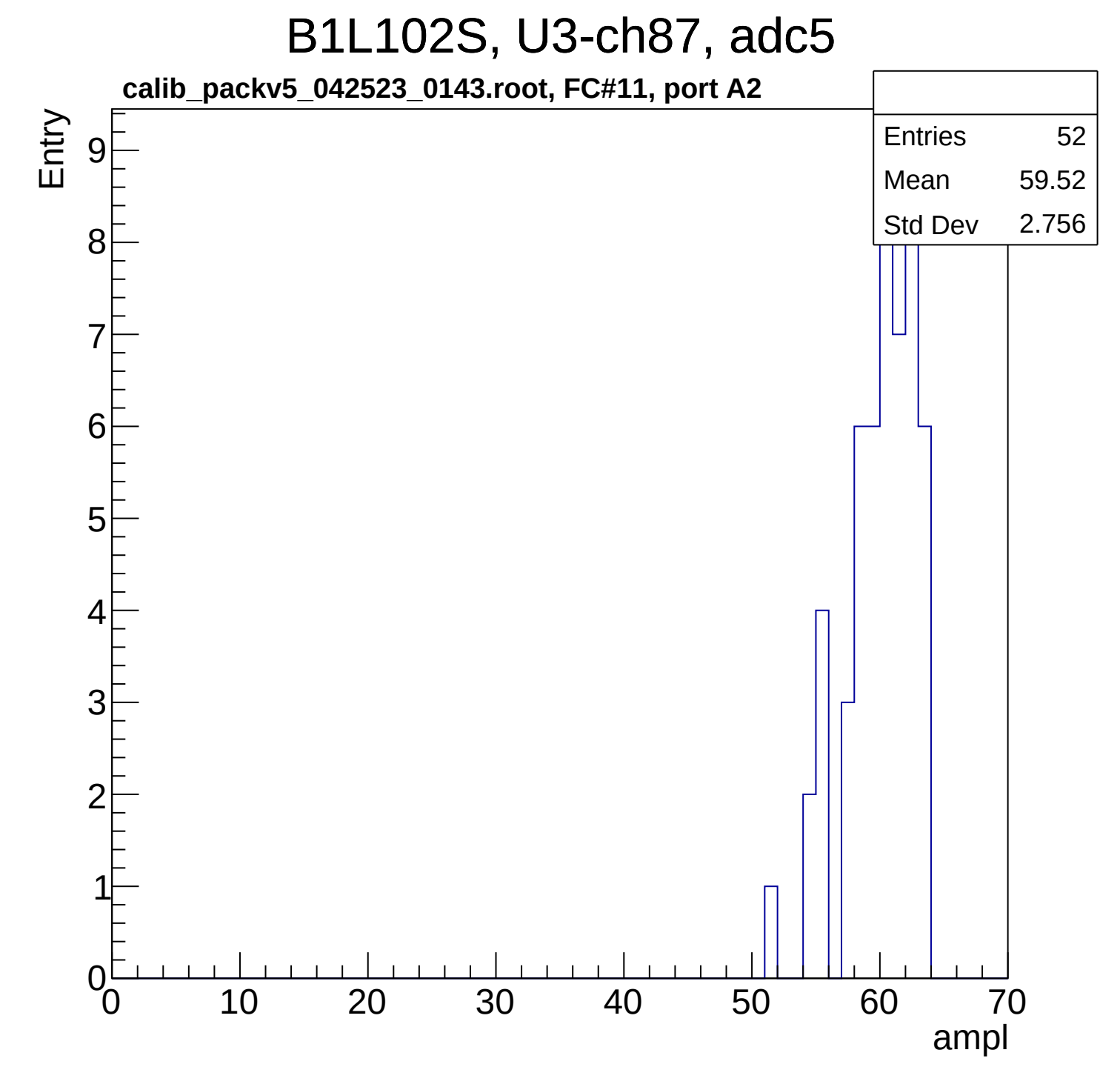
B1L102S, U3-ch87, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 59.52
Std Dev 2.756
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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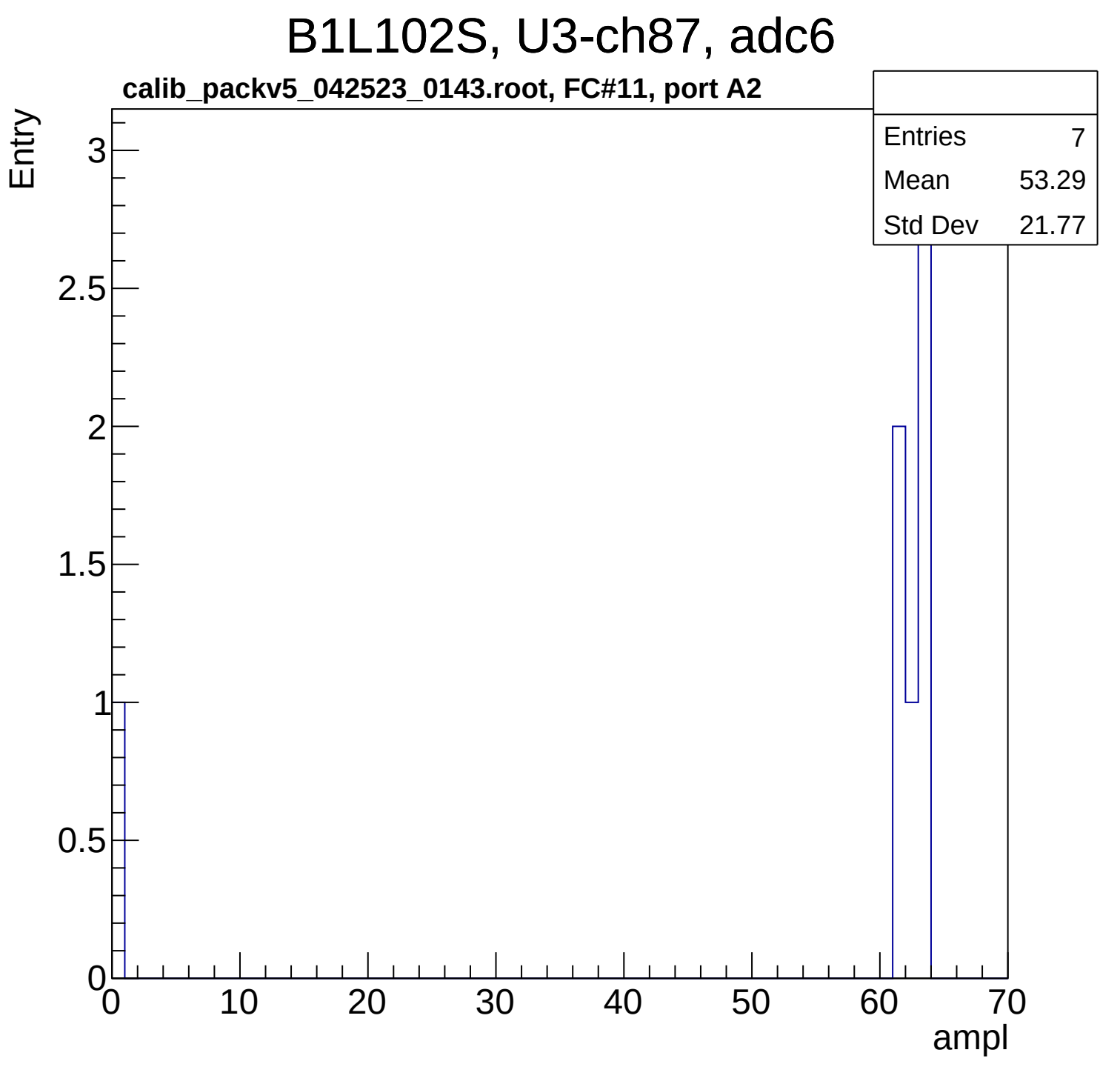
B1L102S, U3-ch87, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 53.29
Std Dev 21.77
Entry
ampl
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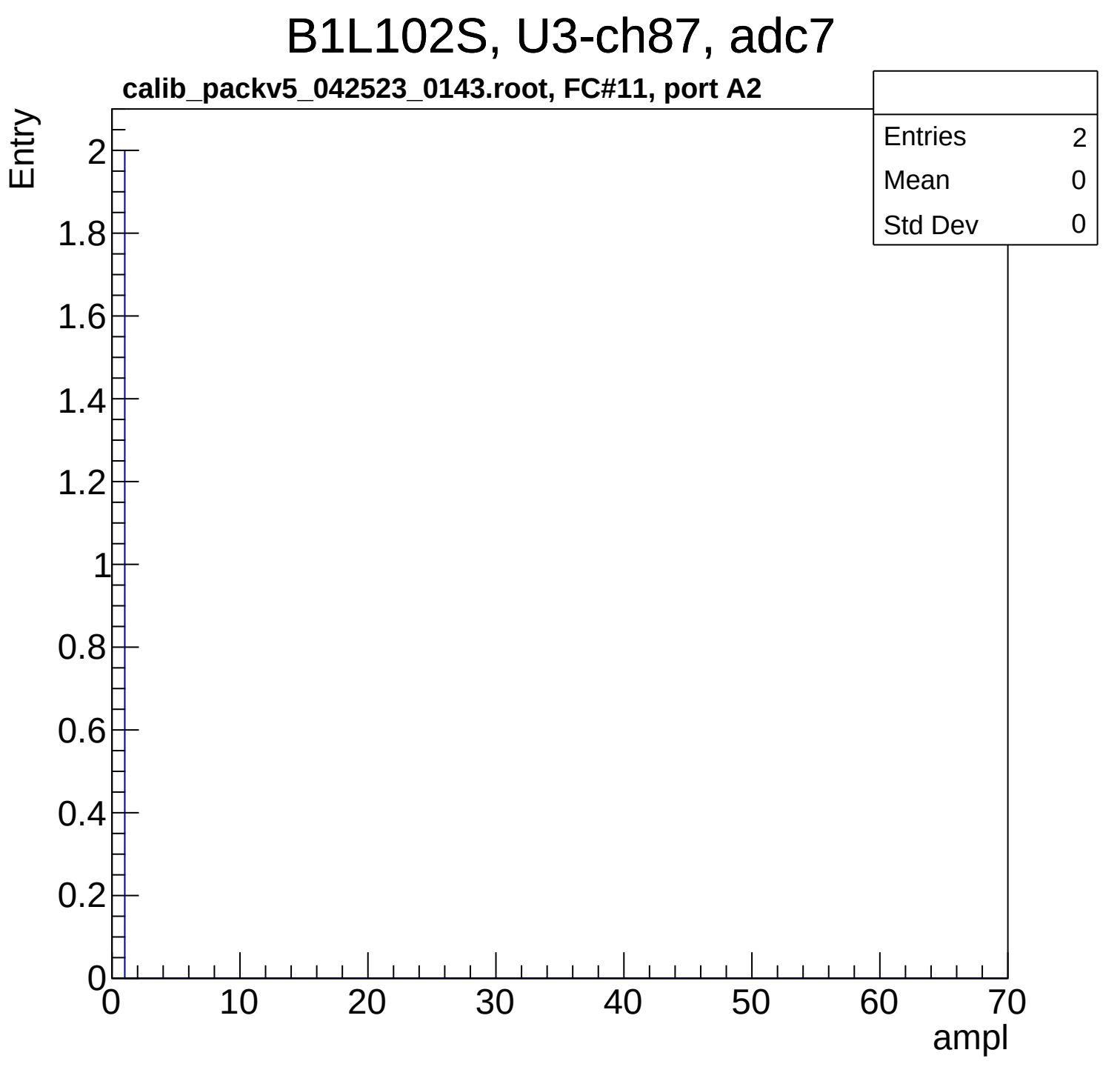
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch87, 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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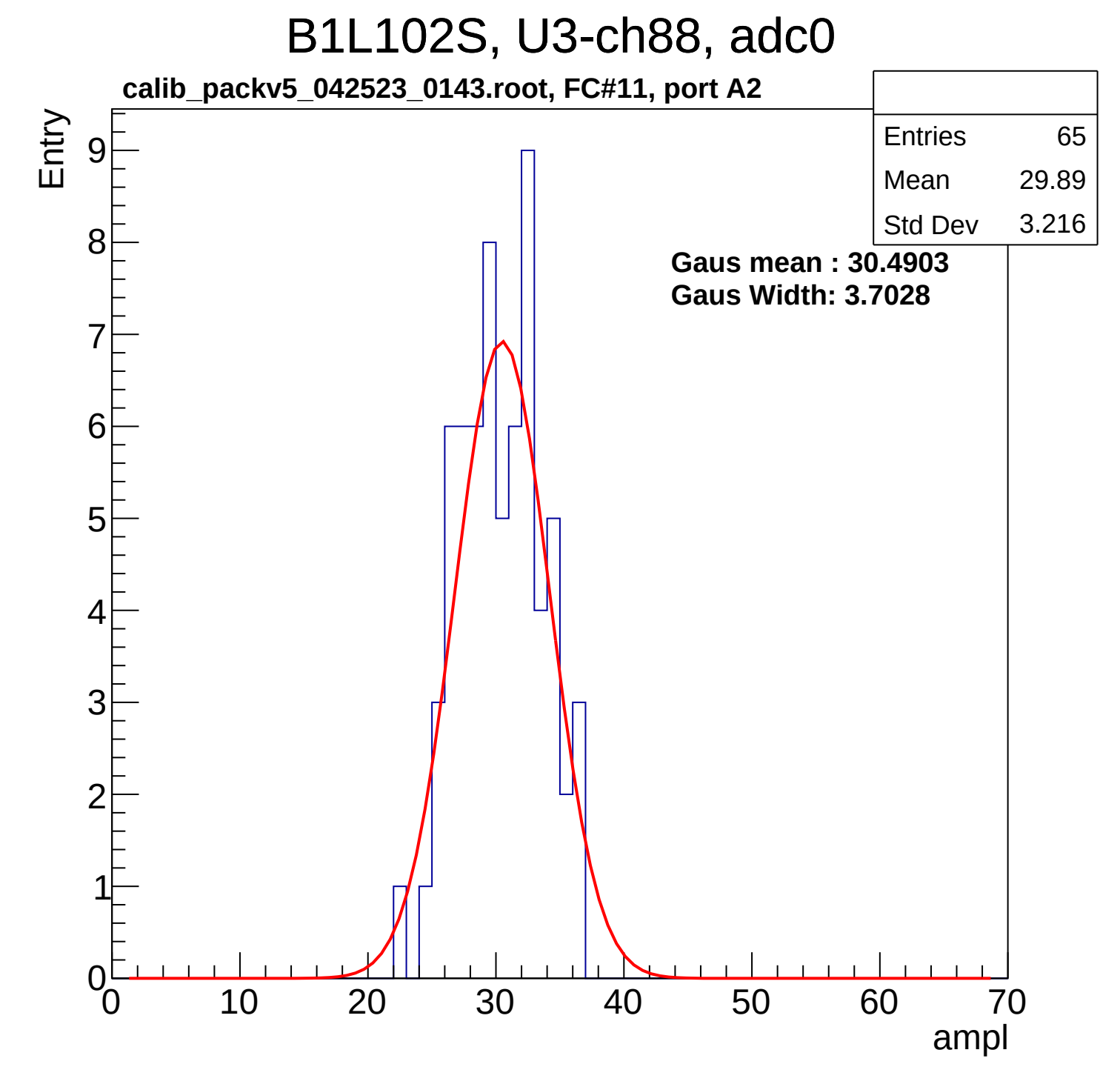
B1L102S, U3-ch88, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 29.89
Std Dev 3.216
Gaus mean : 30.4903
Gaus Width: 3.7028
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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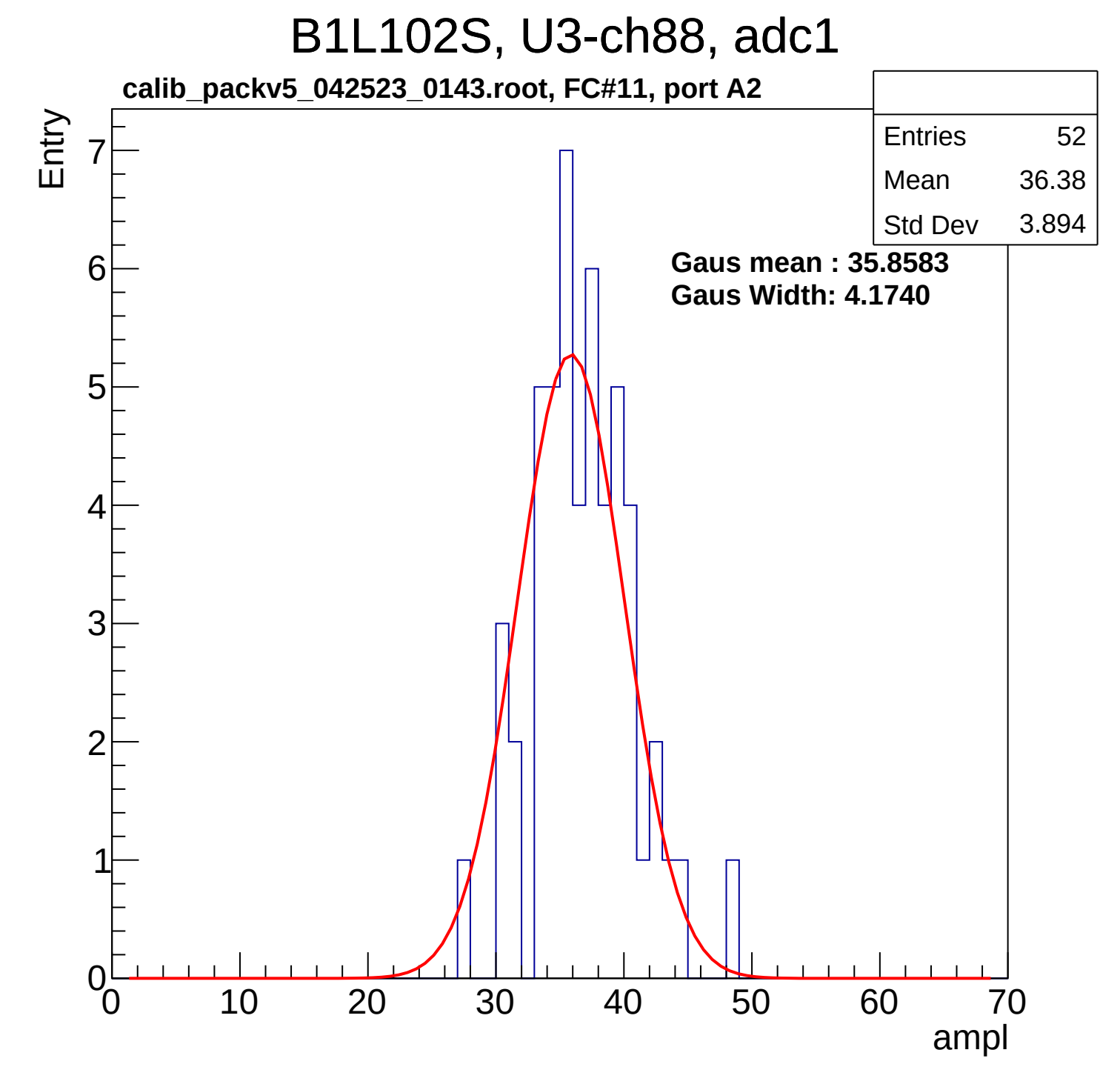
B1L102S, U3-ch88, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 36.38
Std Dev 3.894
Gaus mean : 35.8583
Gaus Width: 4.1740
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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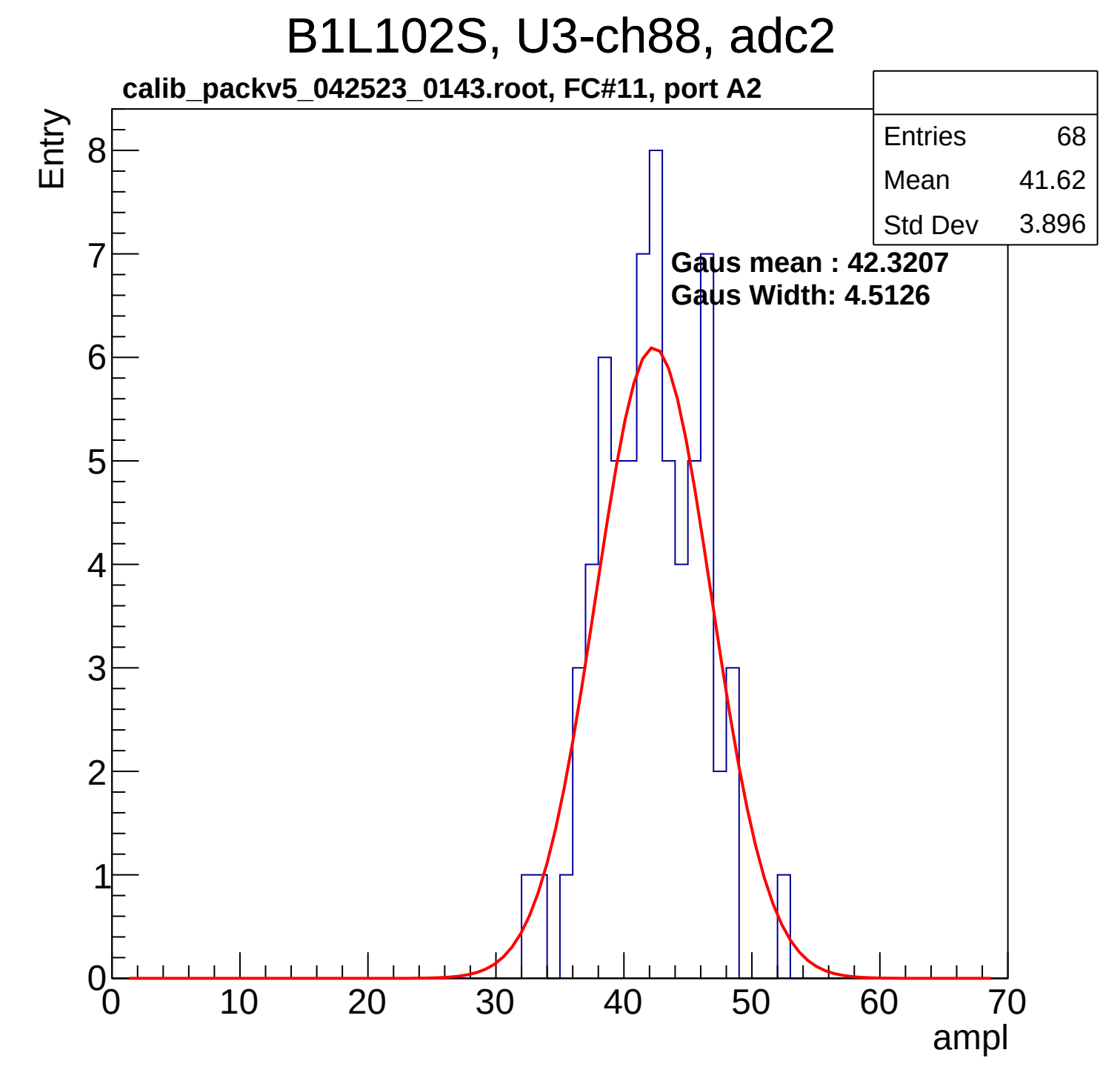
B1L102S, U3-ch88, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 41.62
Std Dev 3.896
Gaus mean : 42.3207
Gaus Width: 4.5126
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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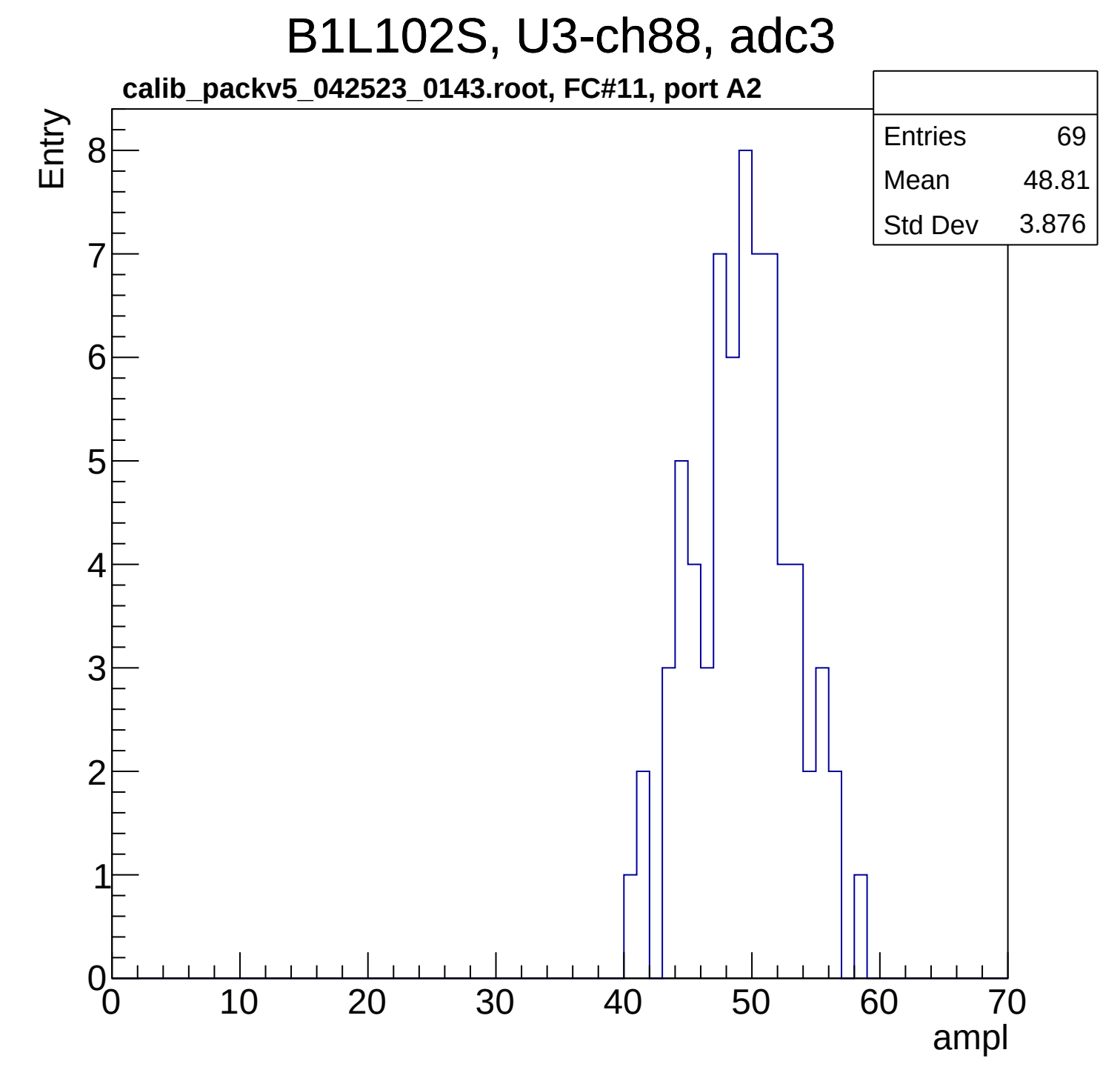
B1L102S, U3-ch88, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 48.81
Std Dev 3.876
Entry
ampl
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2
3
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5
6
7
8
0
10
20
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40
50
60
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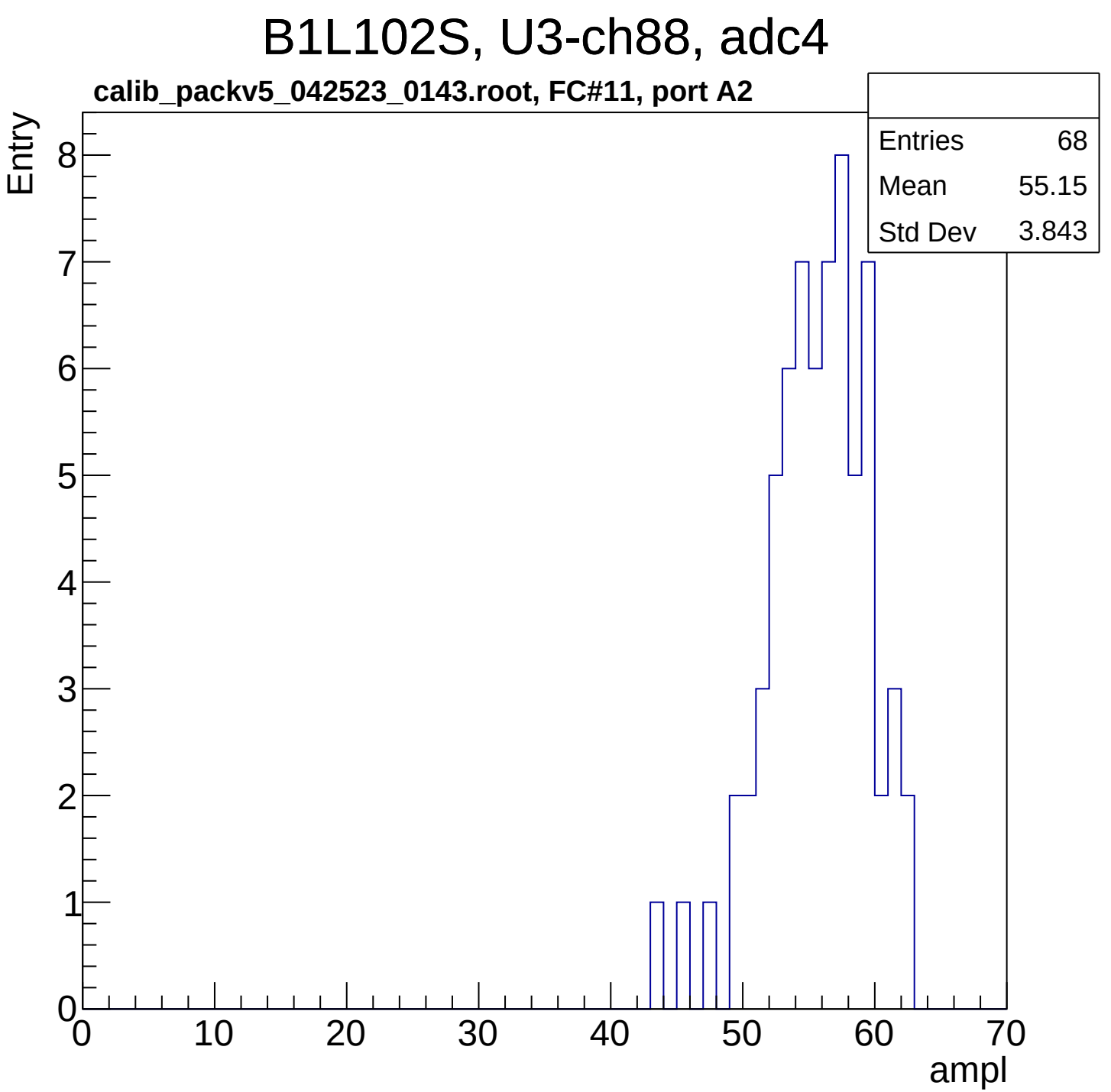
B1L102S, U3-ch88, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 55.15
Std Dev 3.843
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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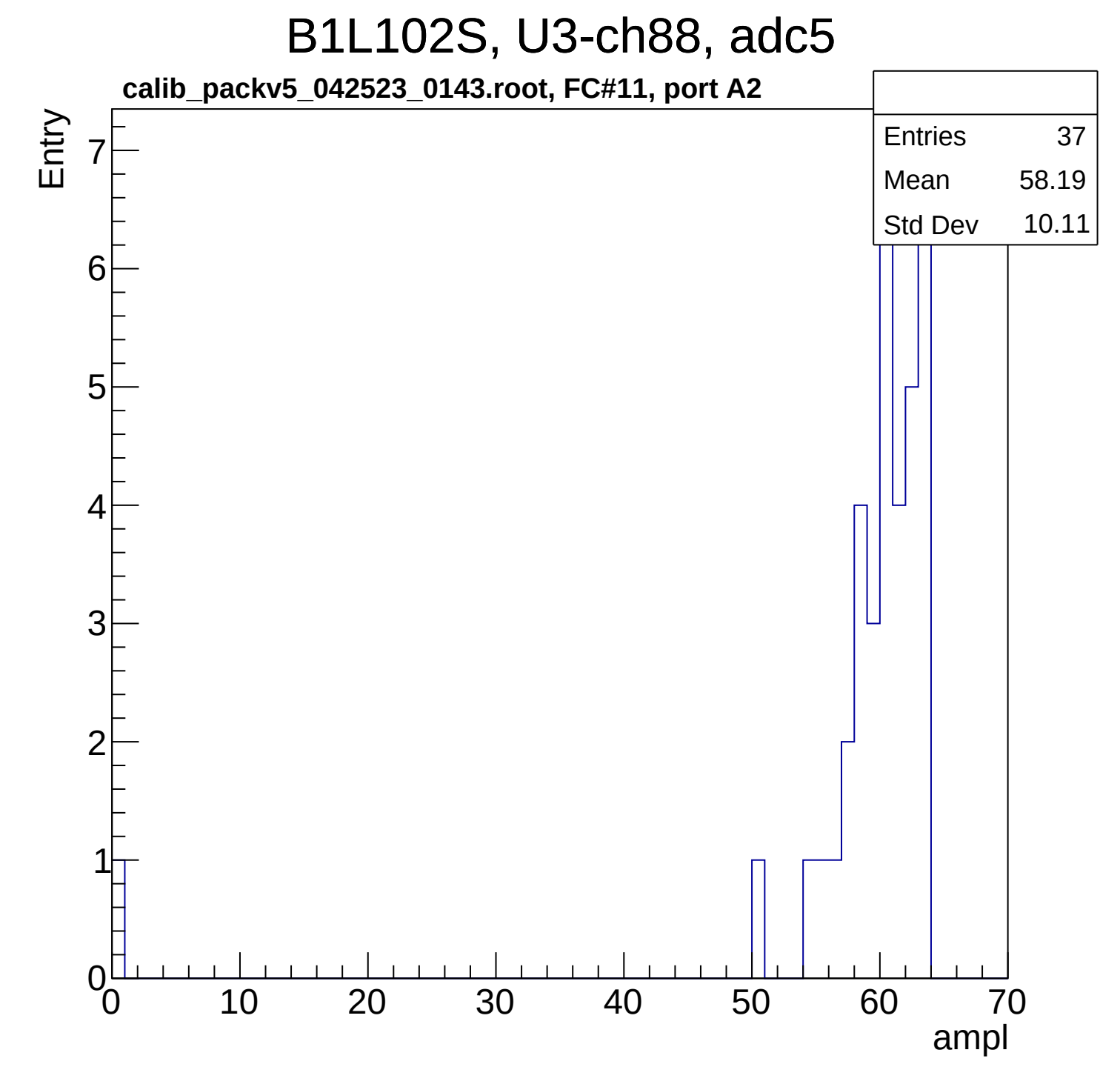
B1L102S, U3-ch88, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 37
Mean 58.19
Std Dev 10.11
Entry
ampl
0
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2
3
4
5
6
7
0
10
20
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40
50
60
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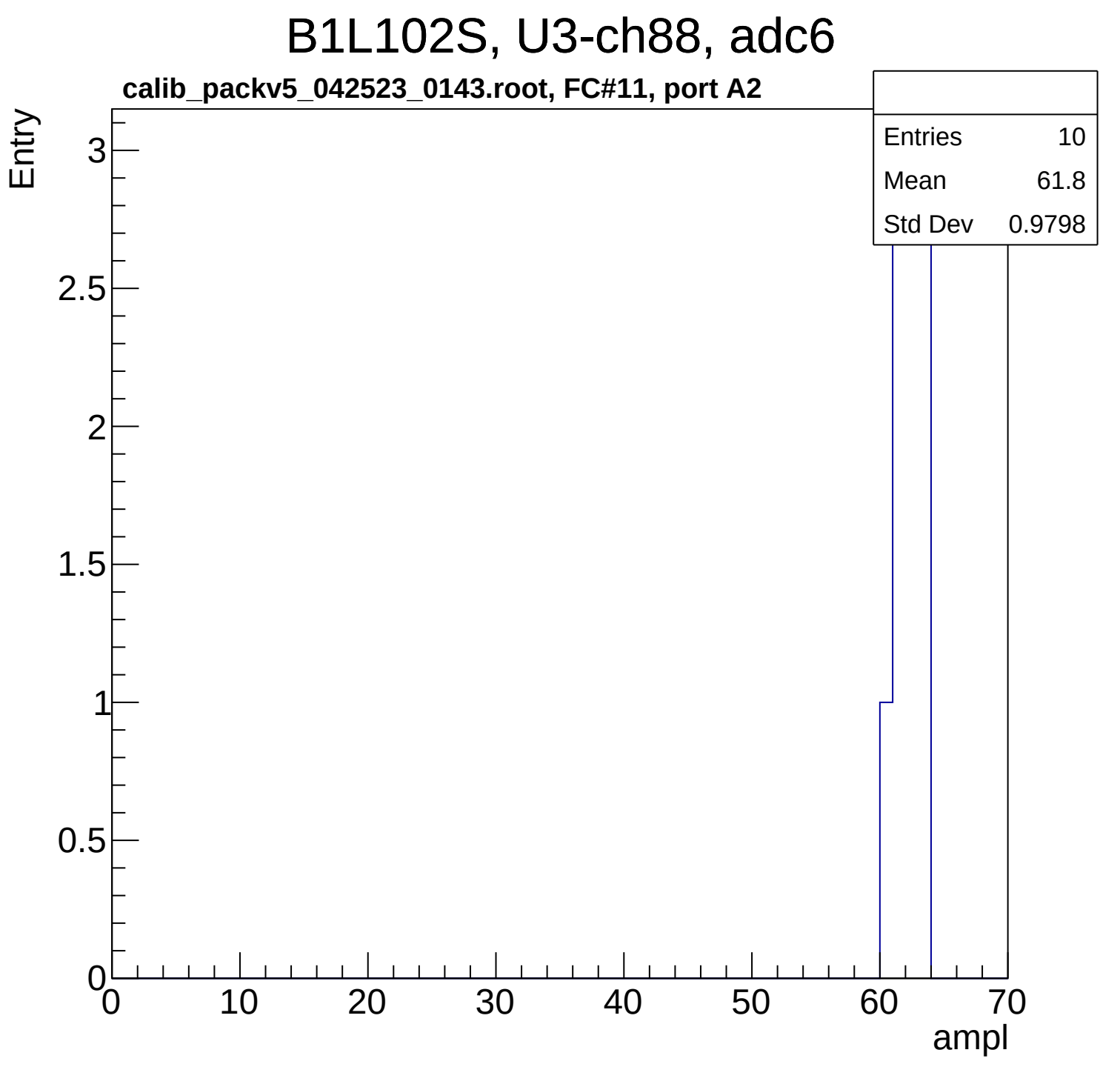
B1L102S, U3-ch88, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 61.8
Std Dev 0.9798
Entry
ampl
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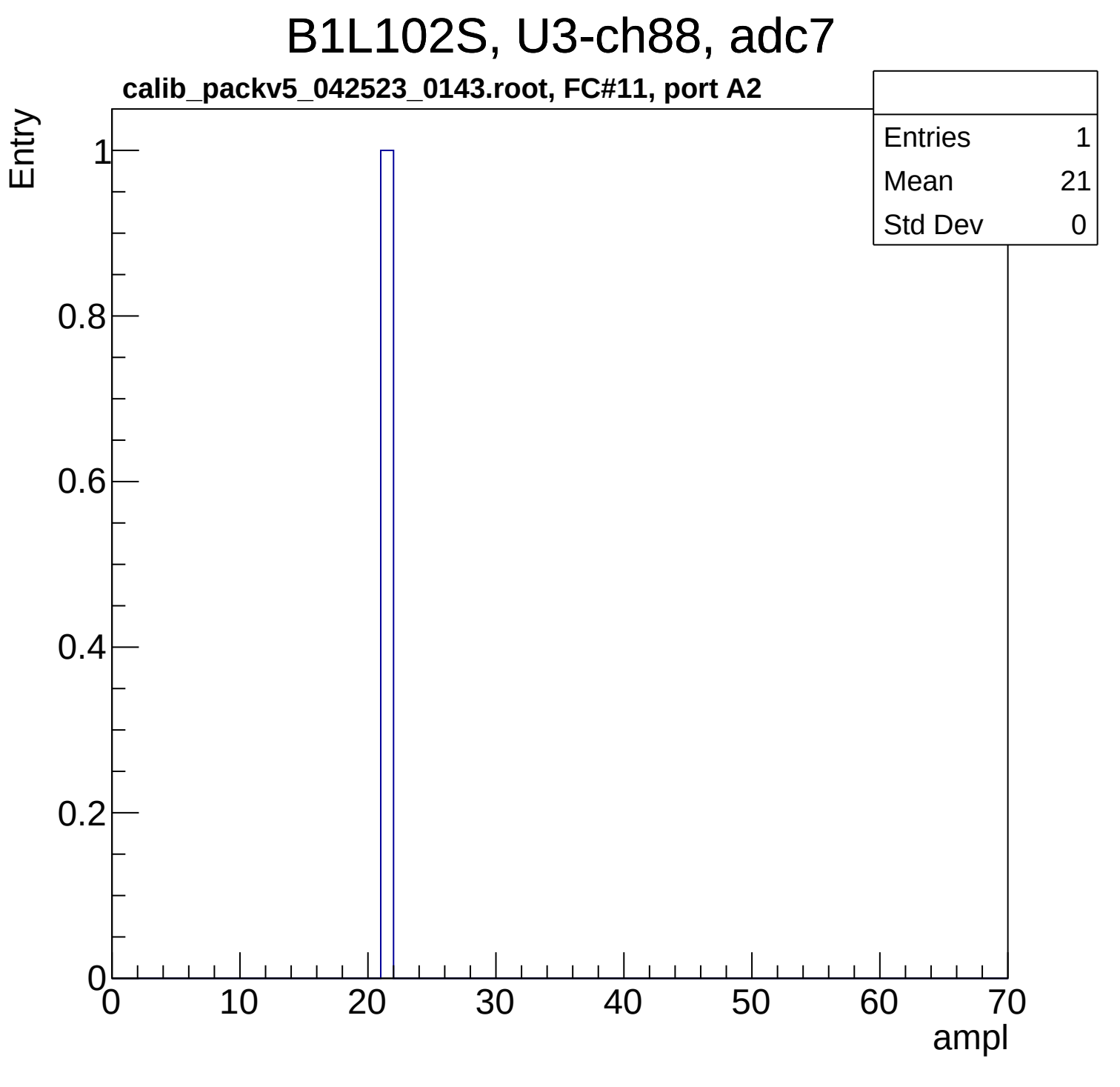
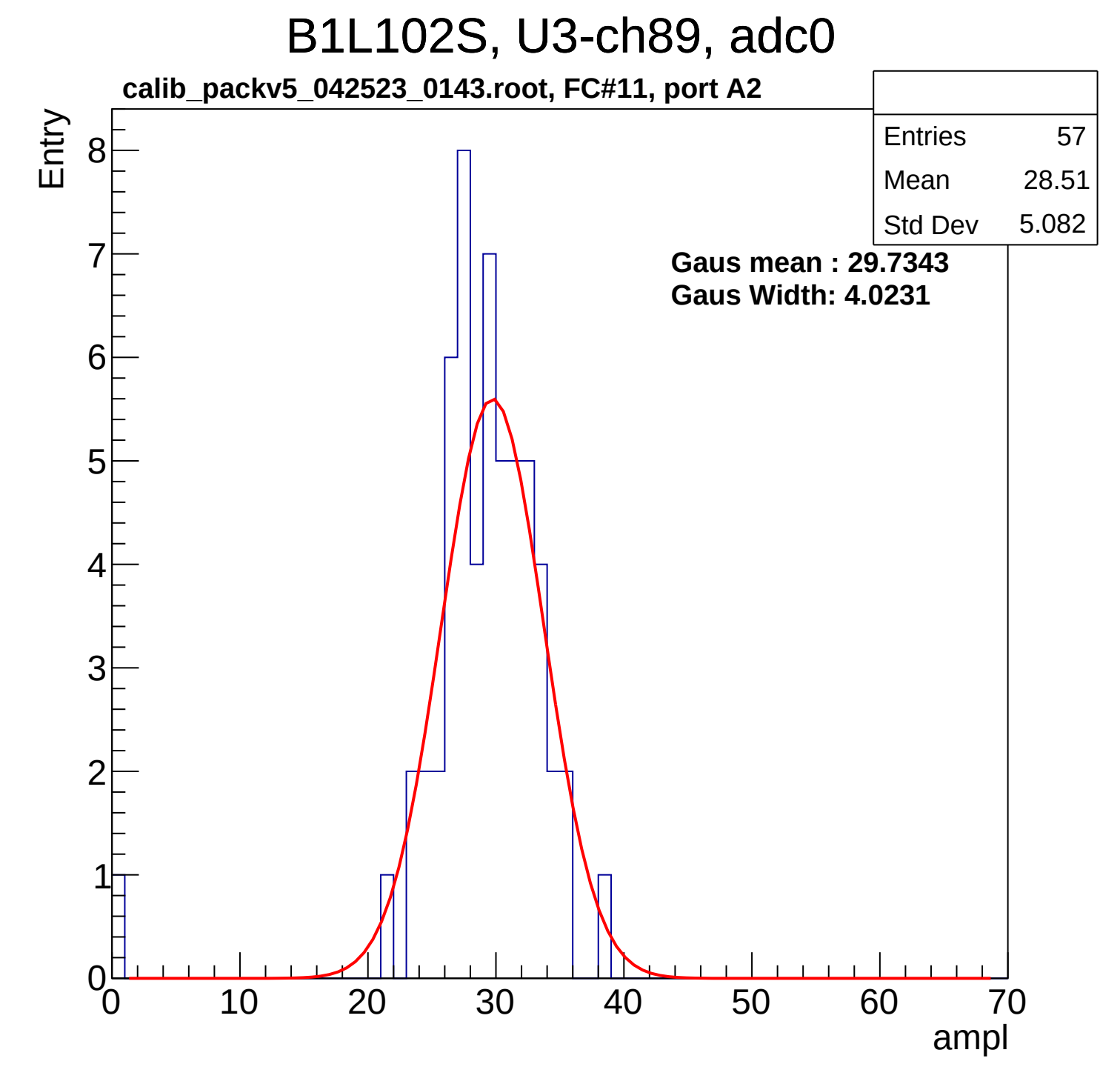
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch88, 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, U3-ch89, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 28.51
Std Dev 5.082
Gaus mean : 29.7343
Gaus Width: 4.0231
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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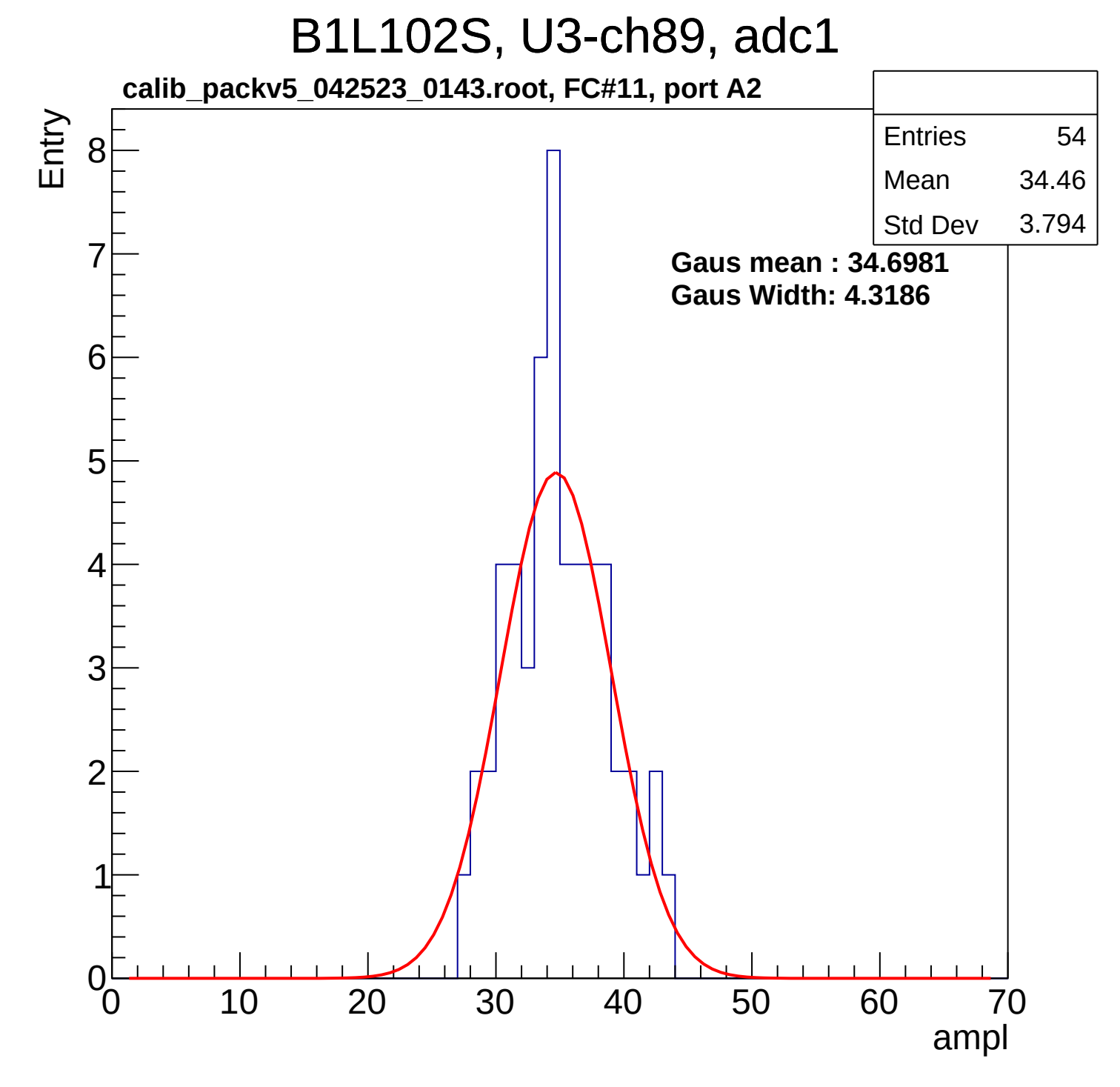
B1L102S, U3-ch89, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 34.46
Std Dev 3.794
Gaus mean : 34.6981
Gaus Width: 4.3186
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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60
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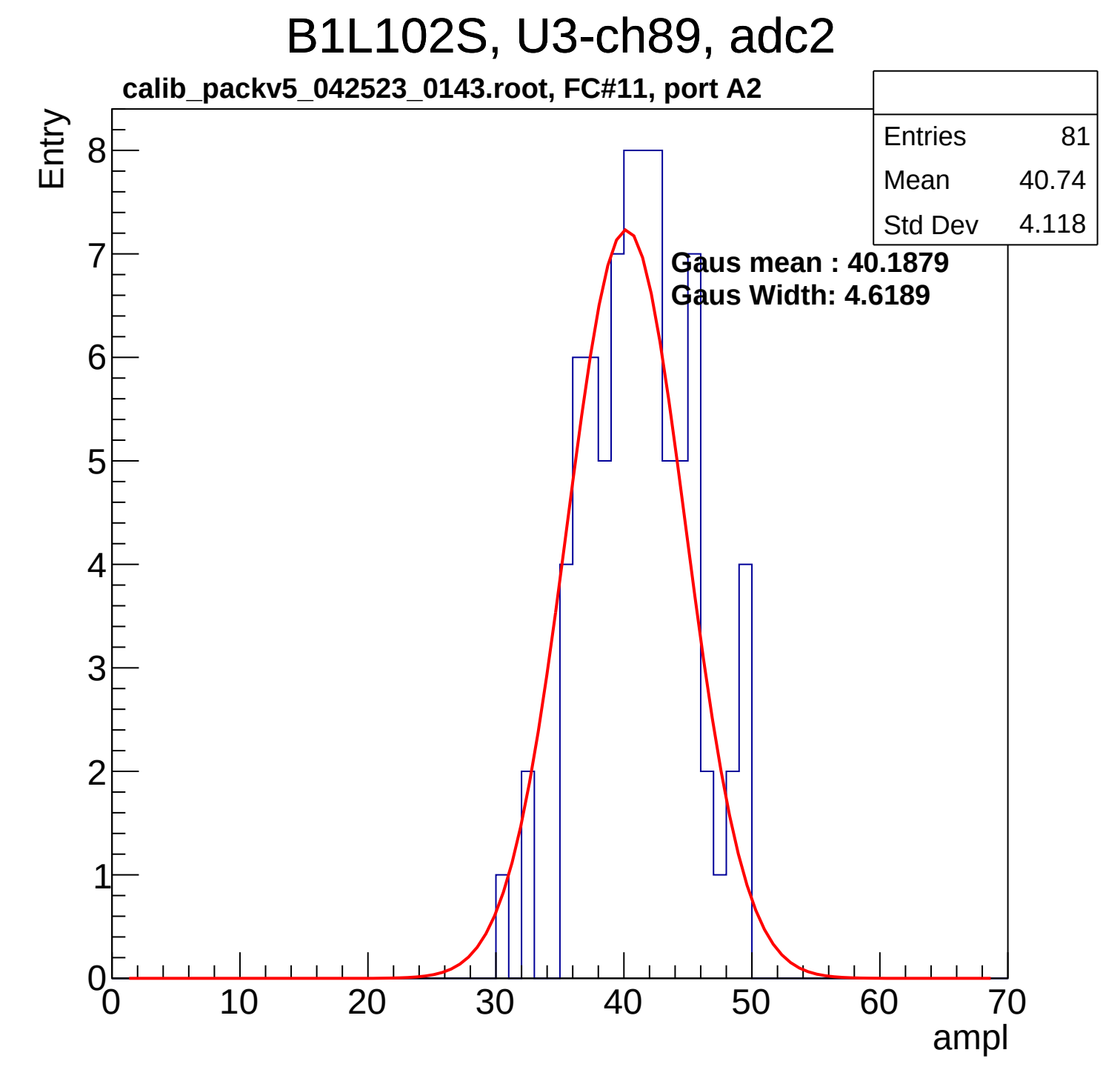
B1L102S, U3-ch89, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 40.74
Std Dev 4.118
Gaus mean : 40.1879
Gaus Width: 4.6189
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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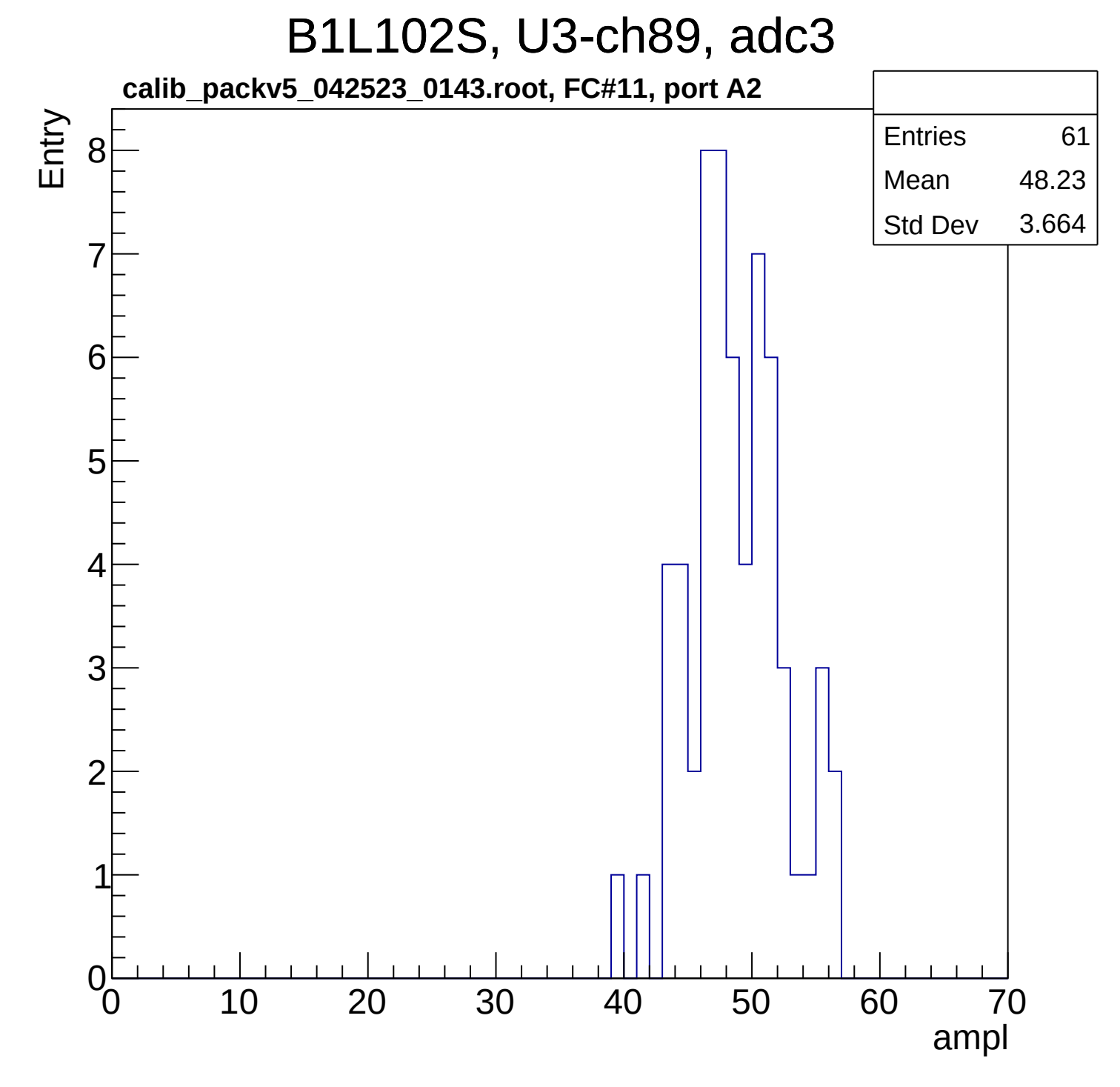
B1L102S, U3-ch89, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 48.23
Std Dev 3.664
Entry
ampl
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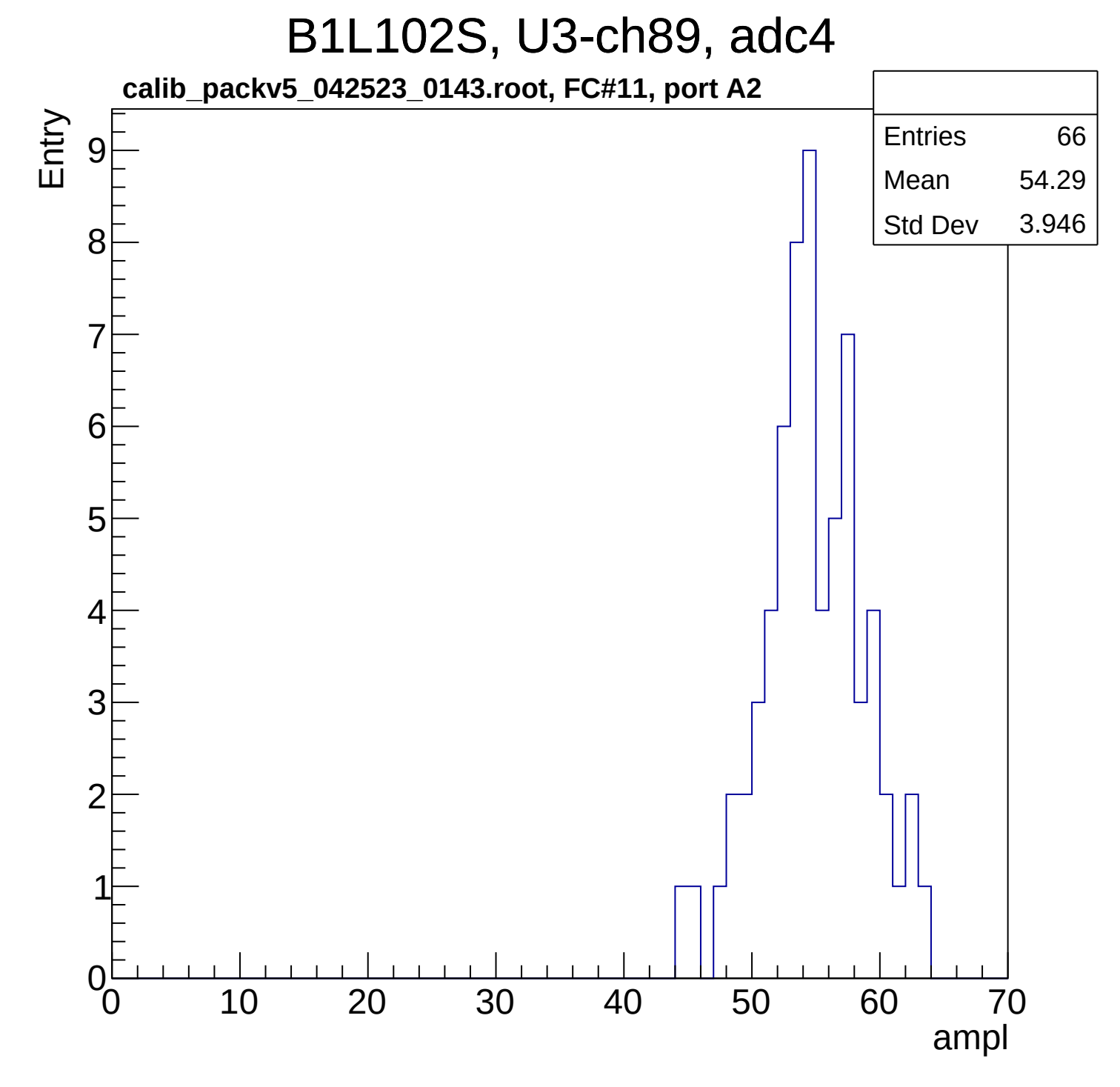
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch89, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 54.29
Std Dev 3.946
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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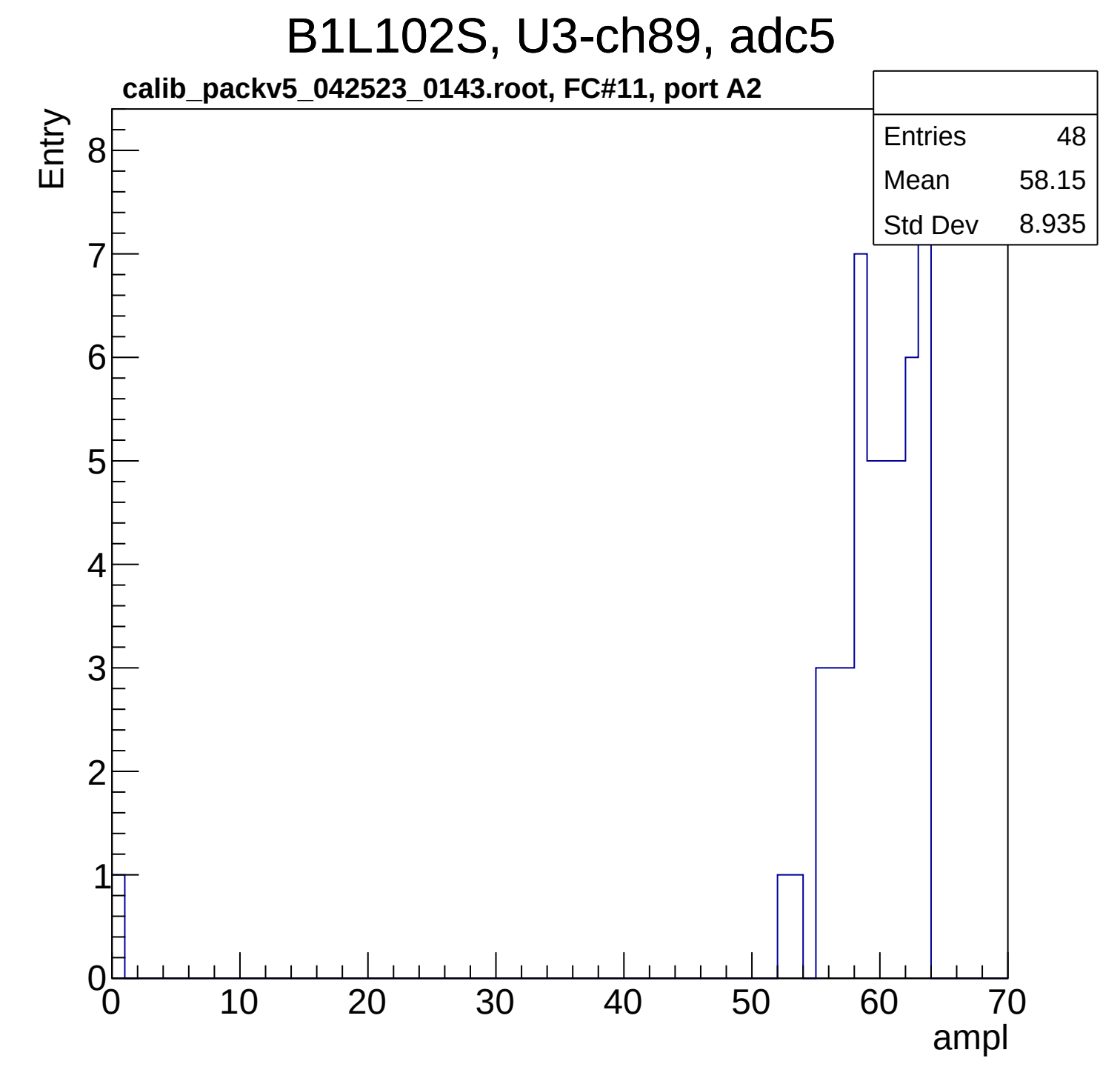
B1L102S, U3-ch89, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 58.15
Std Dev 8.935
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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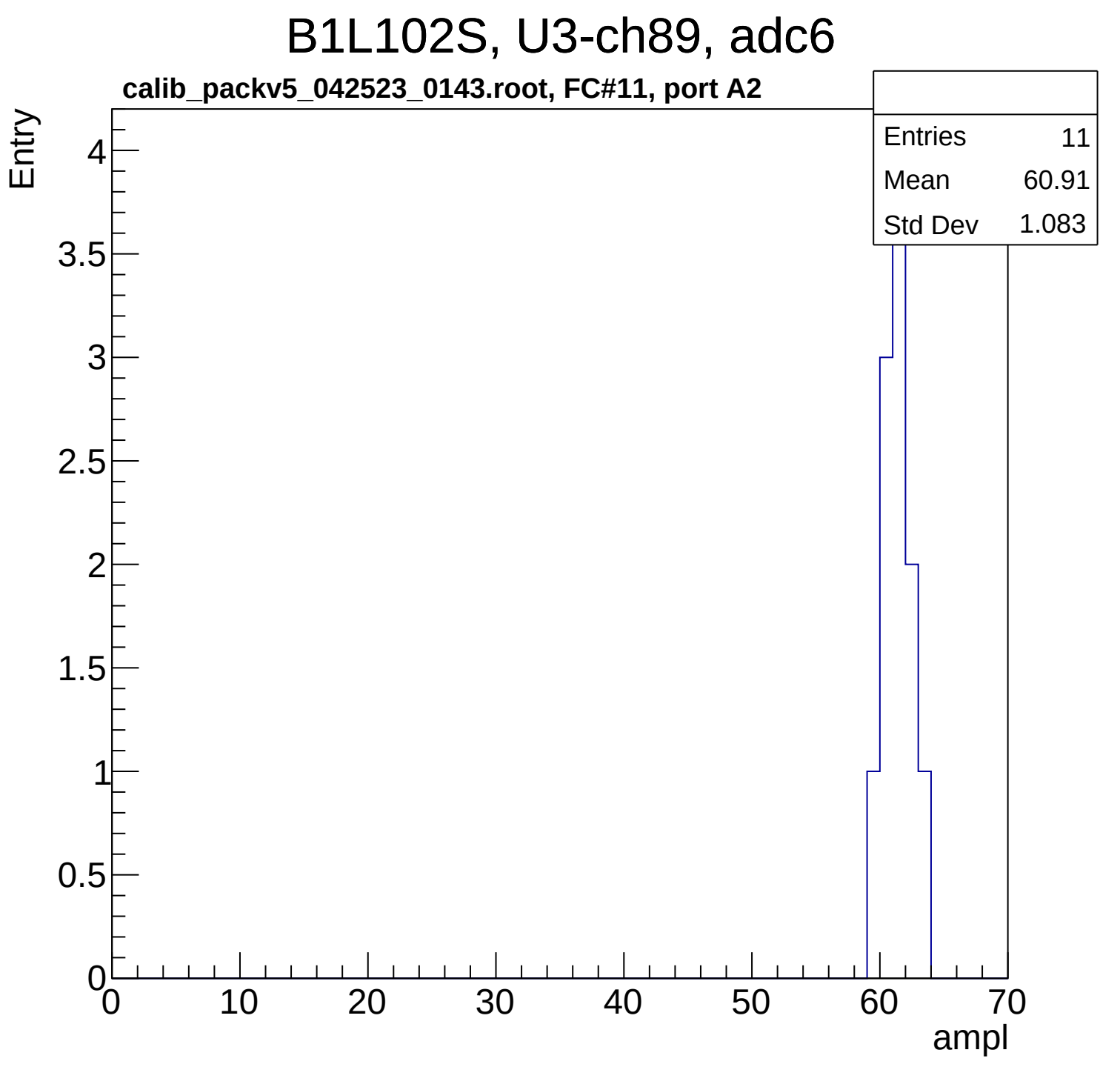
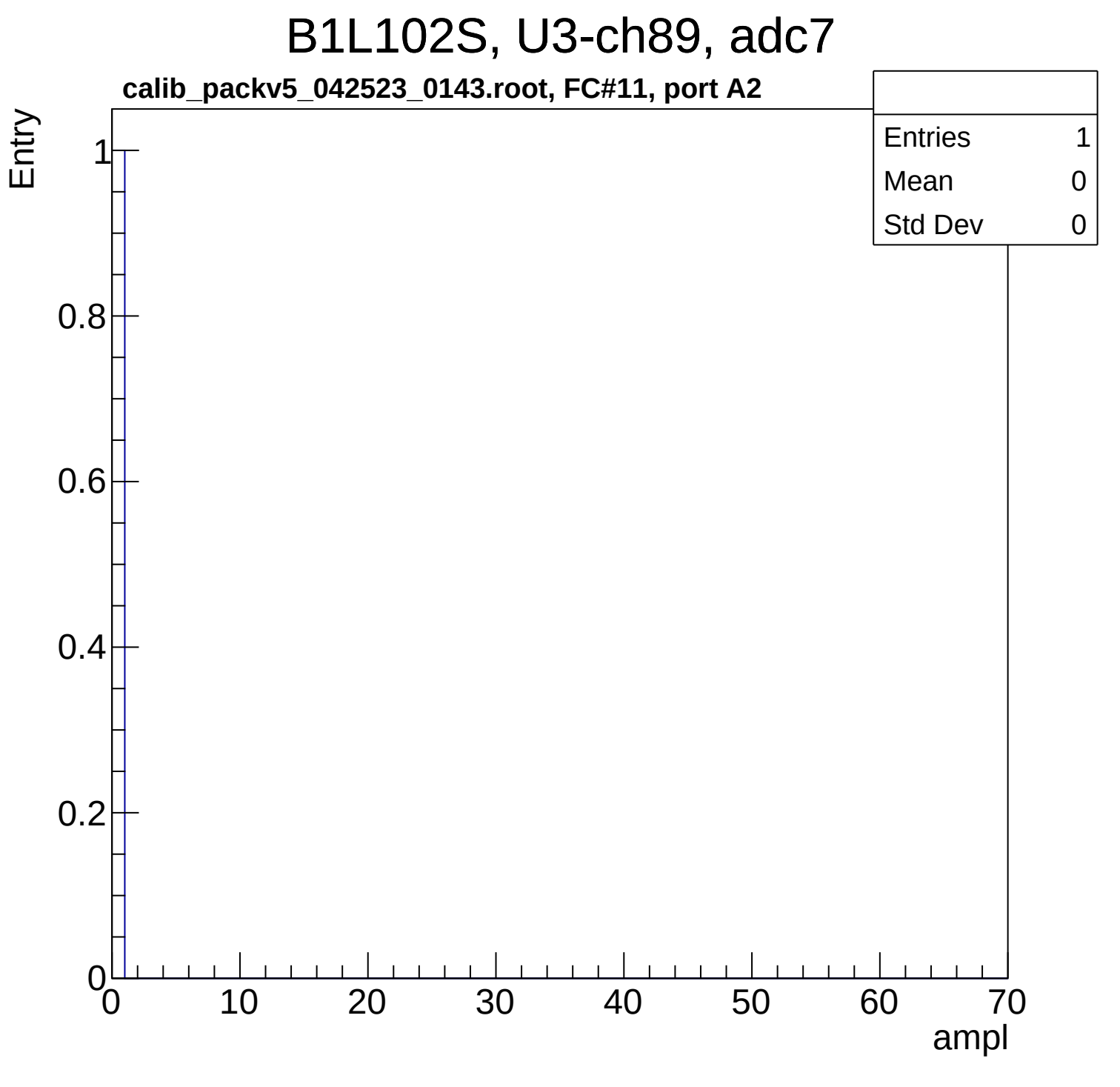

B1L102S, U3-ch89, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 60.91
Std Dev 1.083
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch89, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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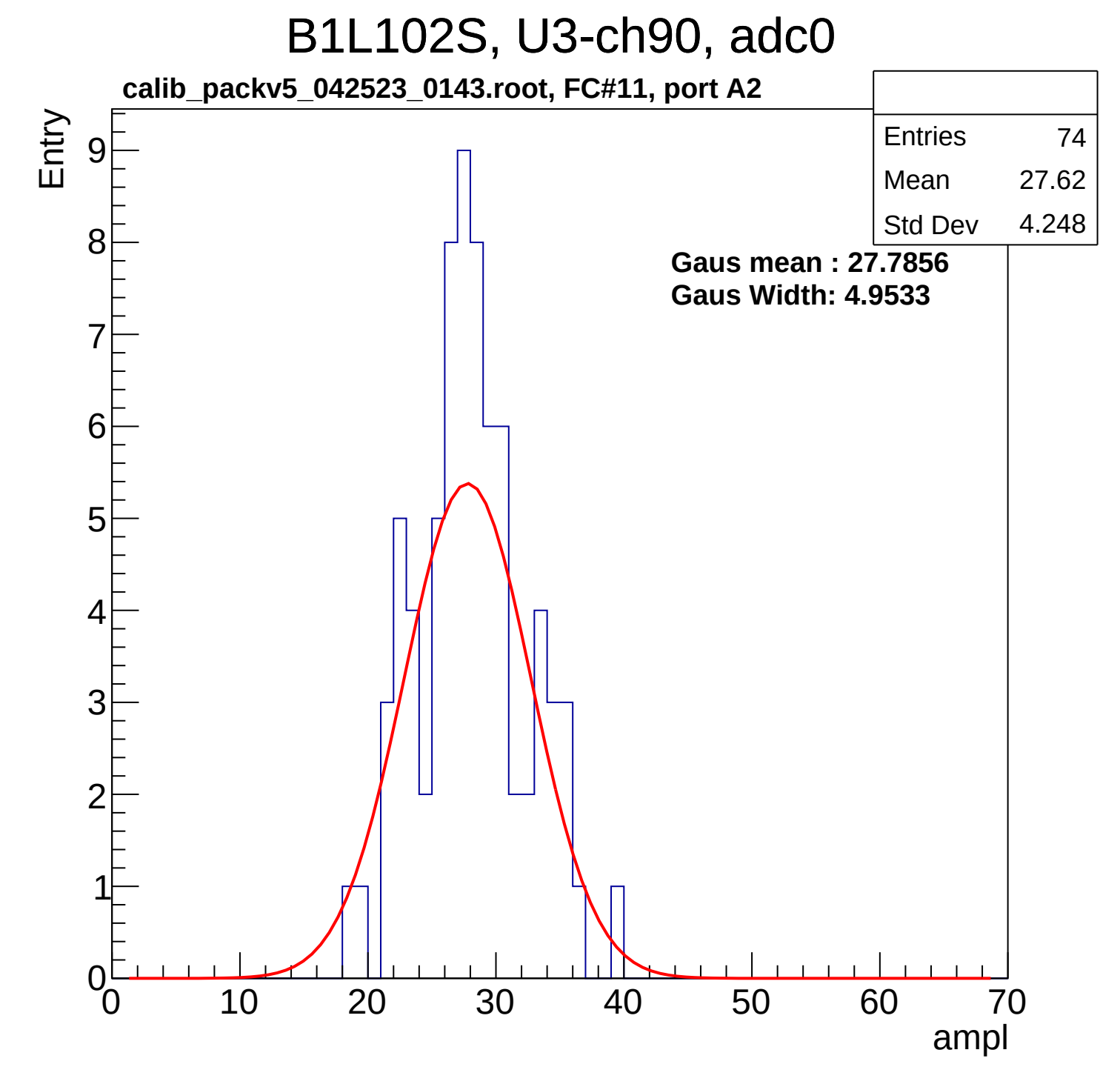
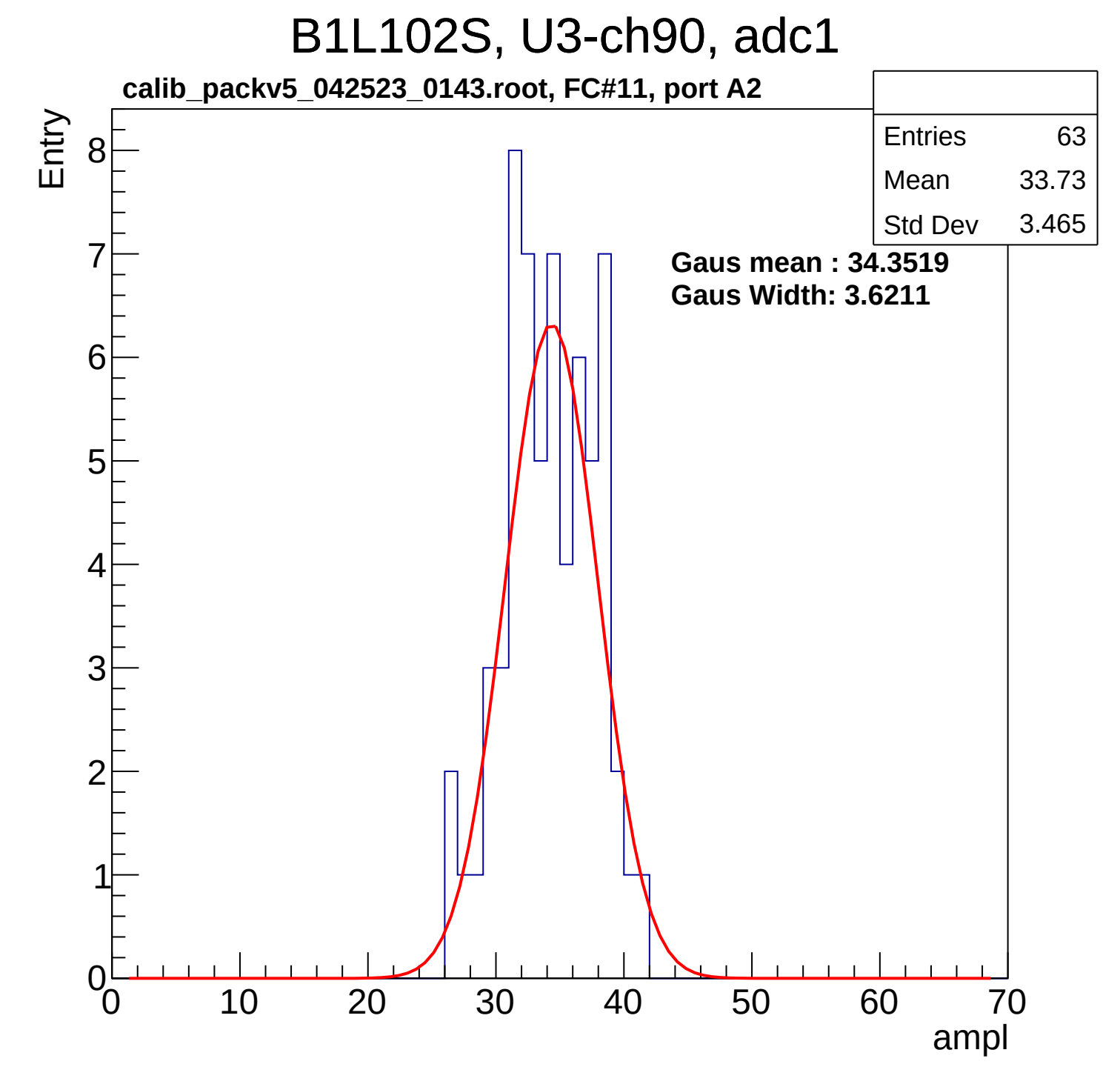
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch90, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 27.62
Std Dev 4.248
Gaus mean : 27.7856
Gaus Width: 4.9533
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch90, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 33.73
Std Dev 3.465
Gaus mean : 34.3519
Gaus Width: 3.6211
Entry
ampl
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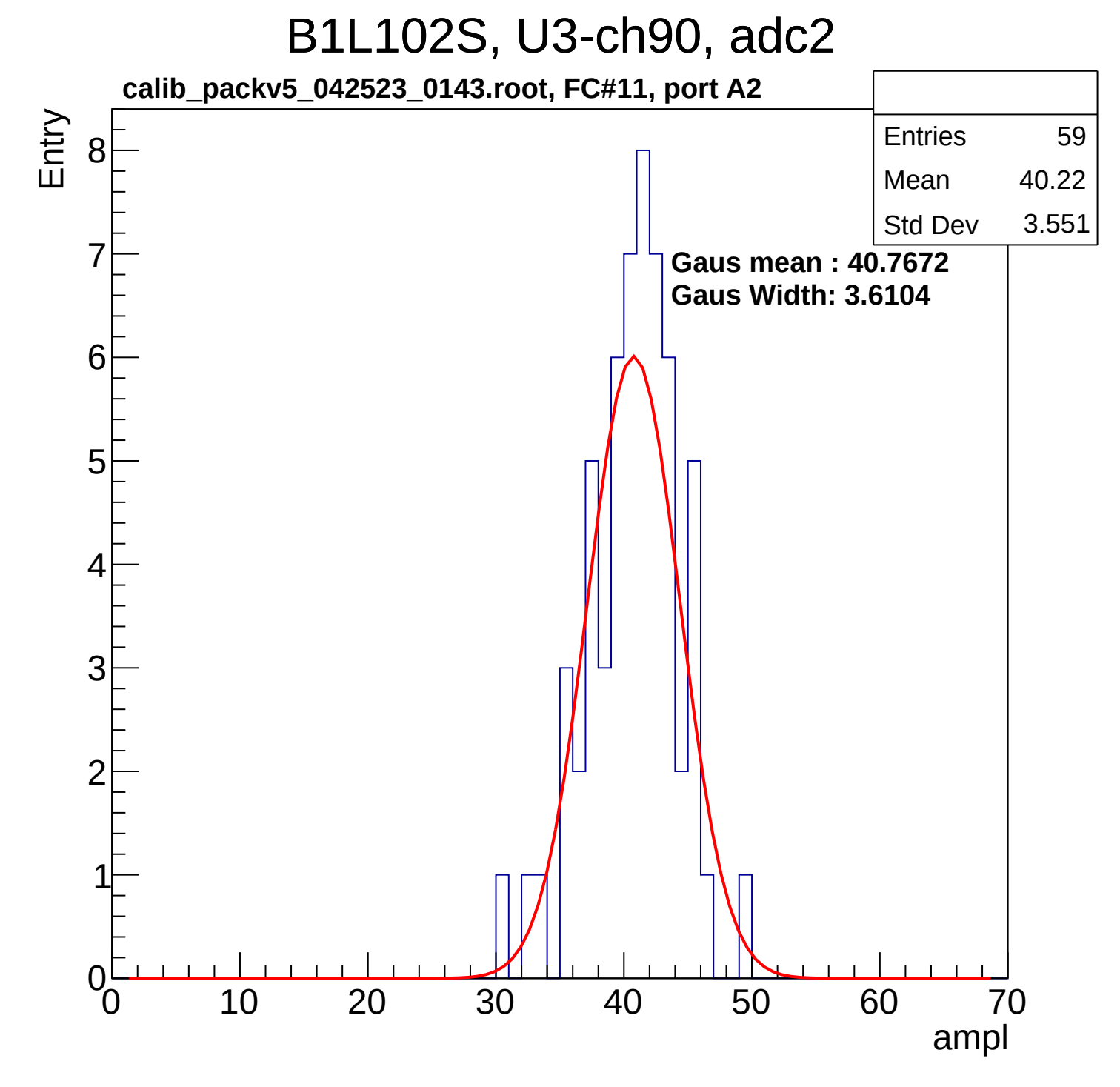
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch90, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 40.22
Std Dev 3.551
Gaus mean : 40.7672
Gaus Width: 3.6104
Entry
ampl
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2
3
4
5
6
7
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0
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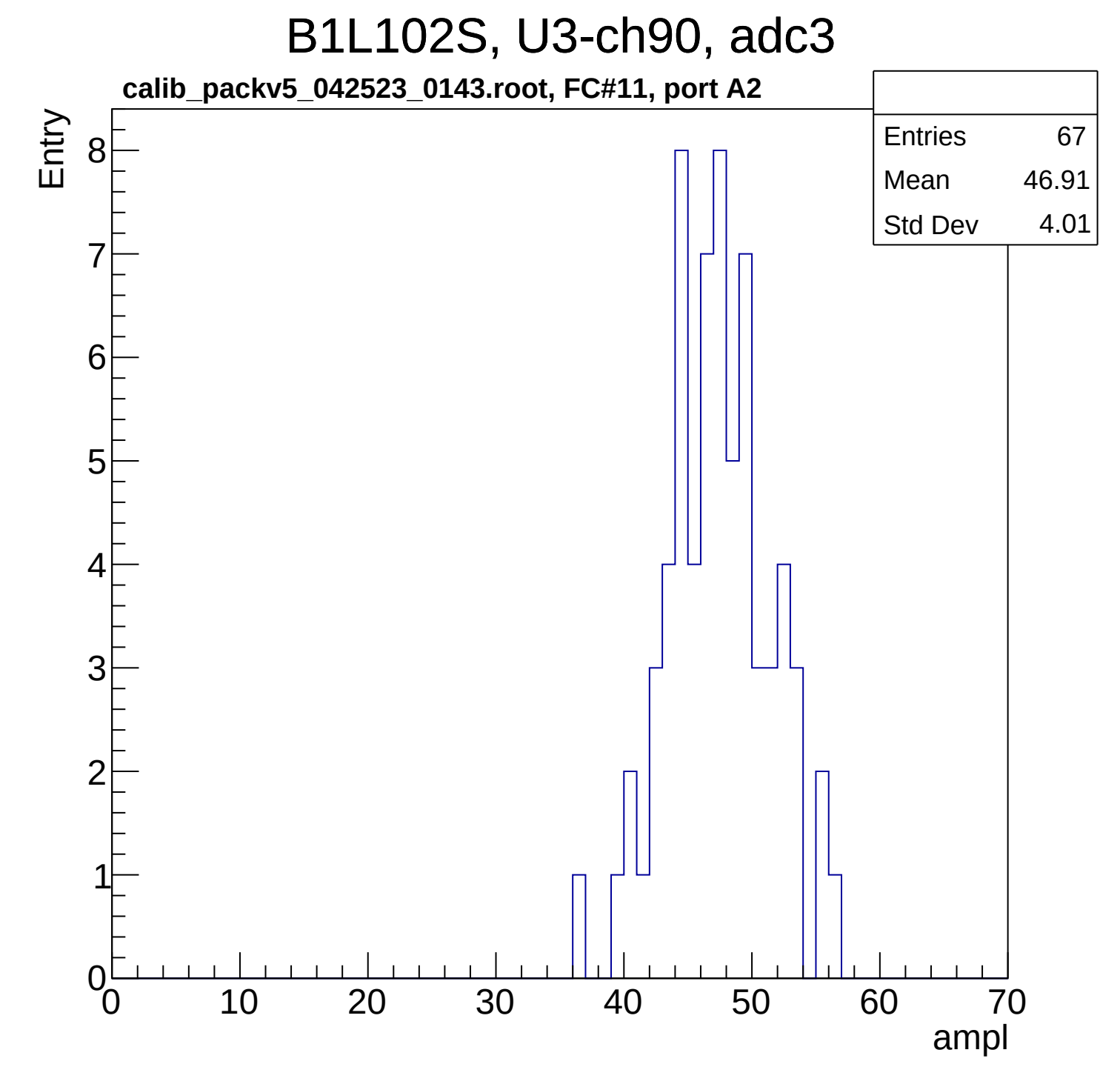
B1L102S, U3-ch90, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 46.91
Std Dev 4.01
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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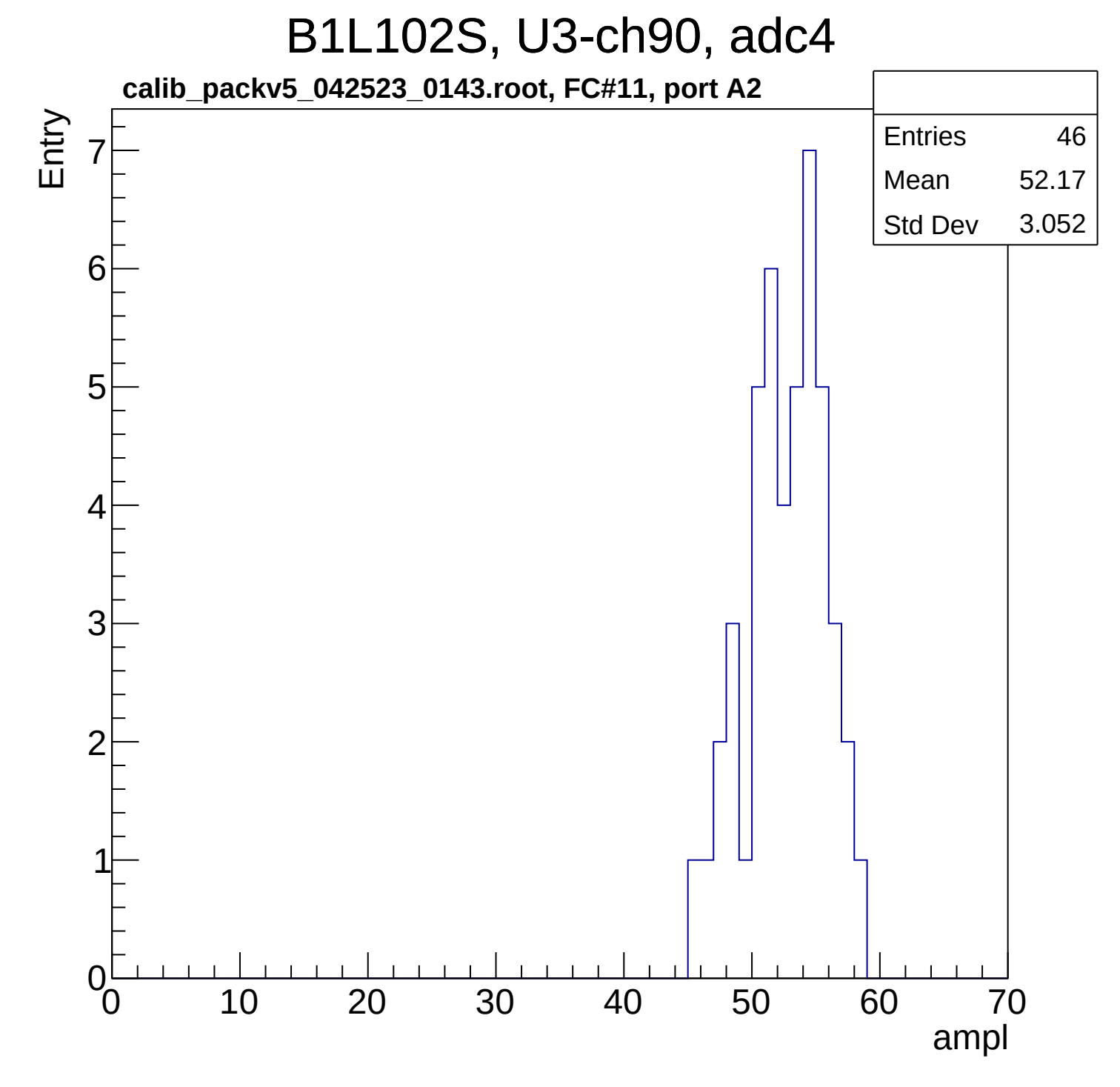
B1L102S, U3-ch90, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 52.17
Std Dev 3.052
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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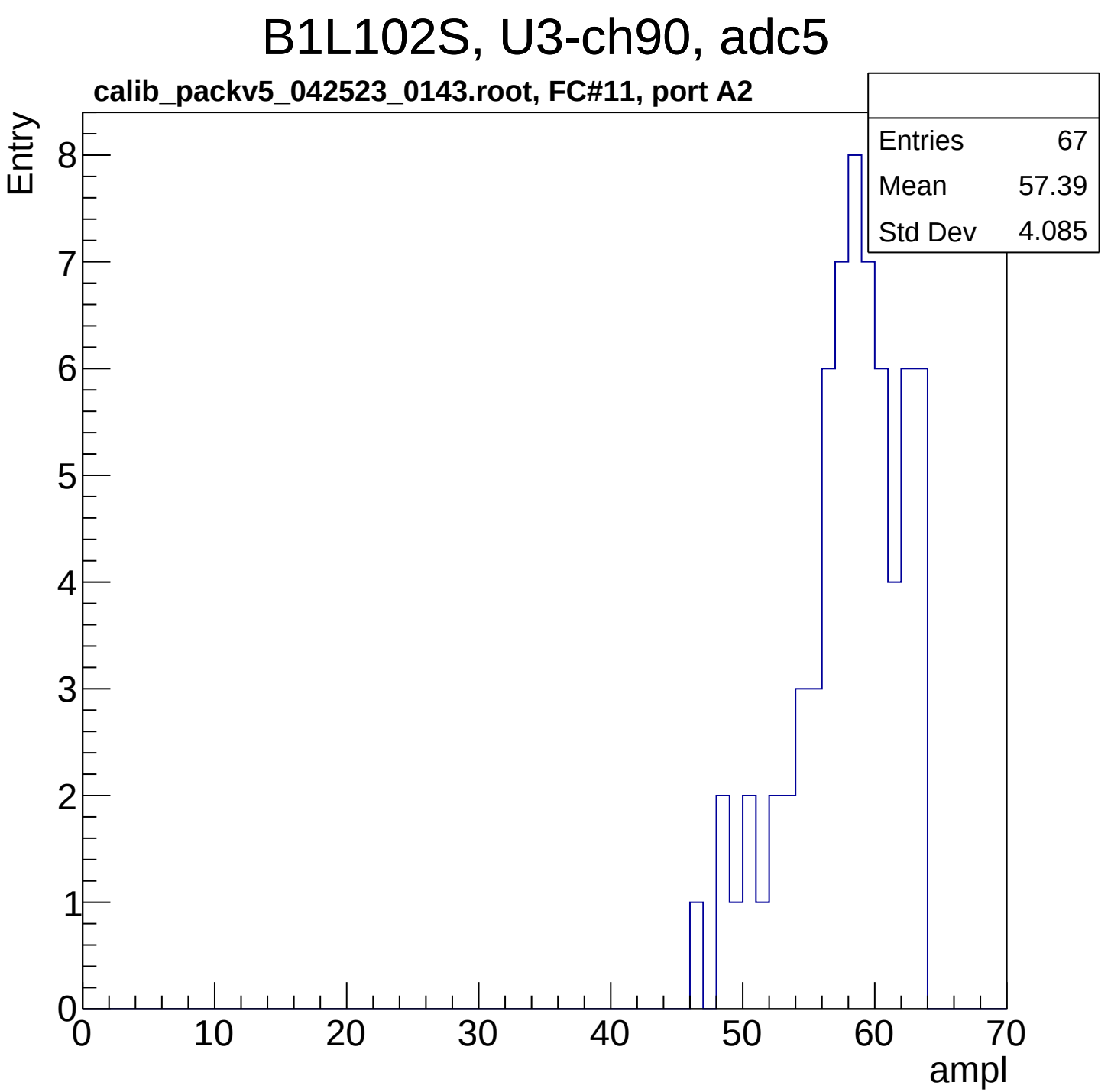
B1L102S, U3-ch90, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 57.39
Std Dev 4.085
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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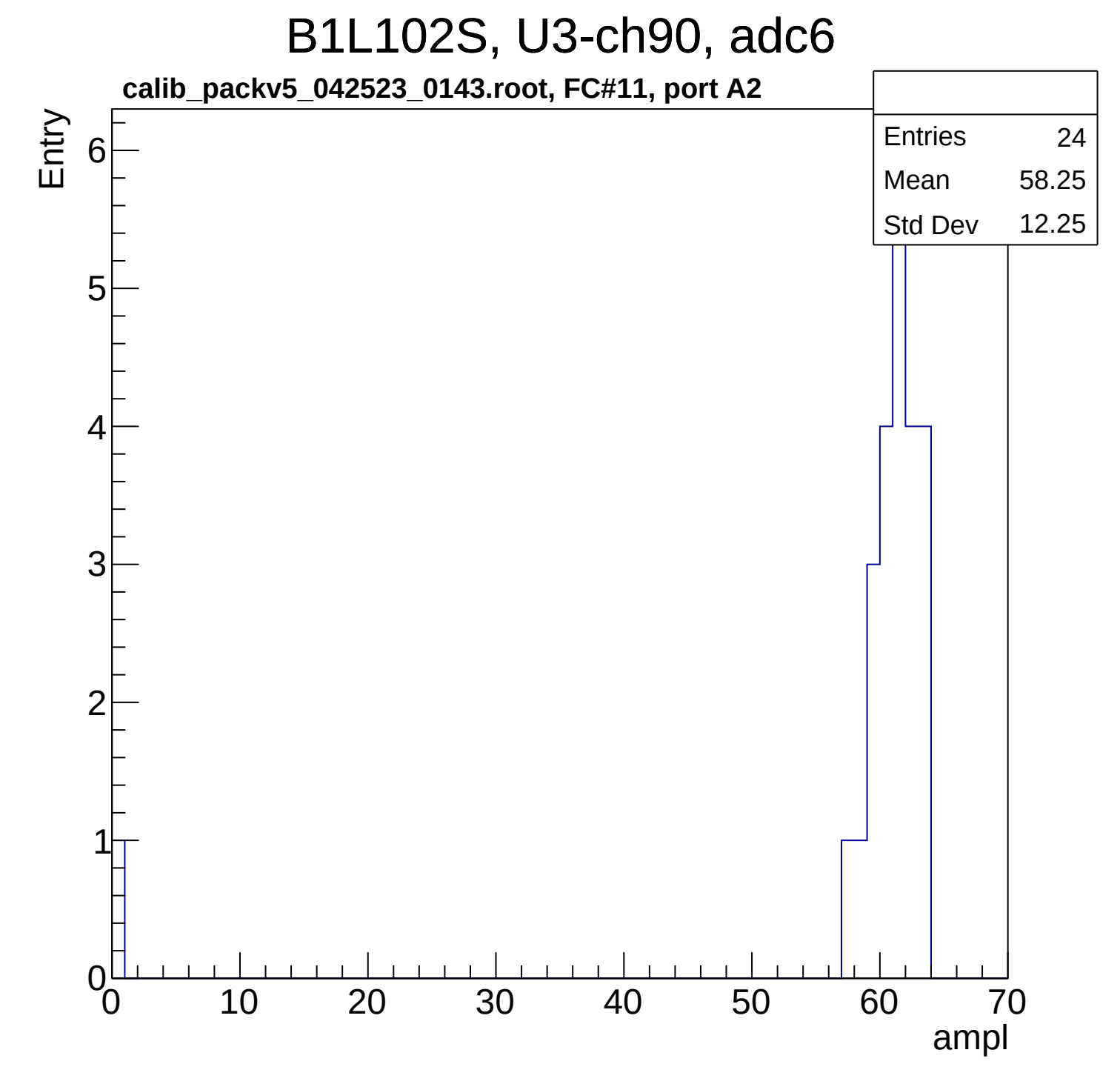
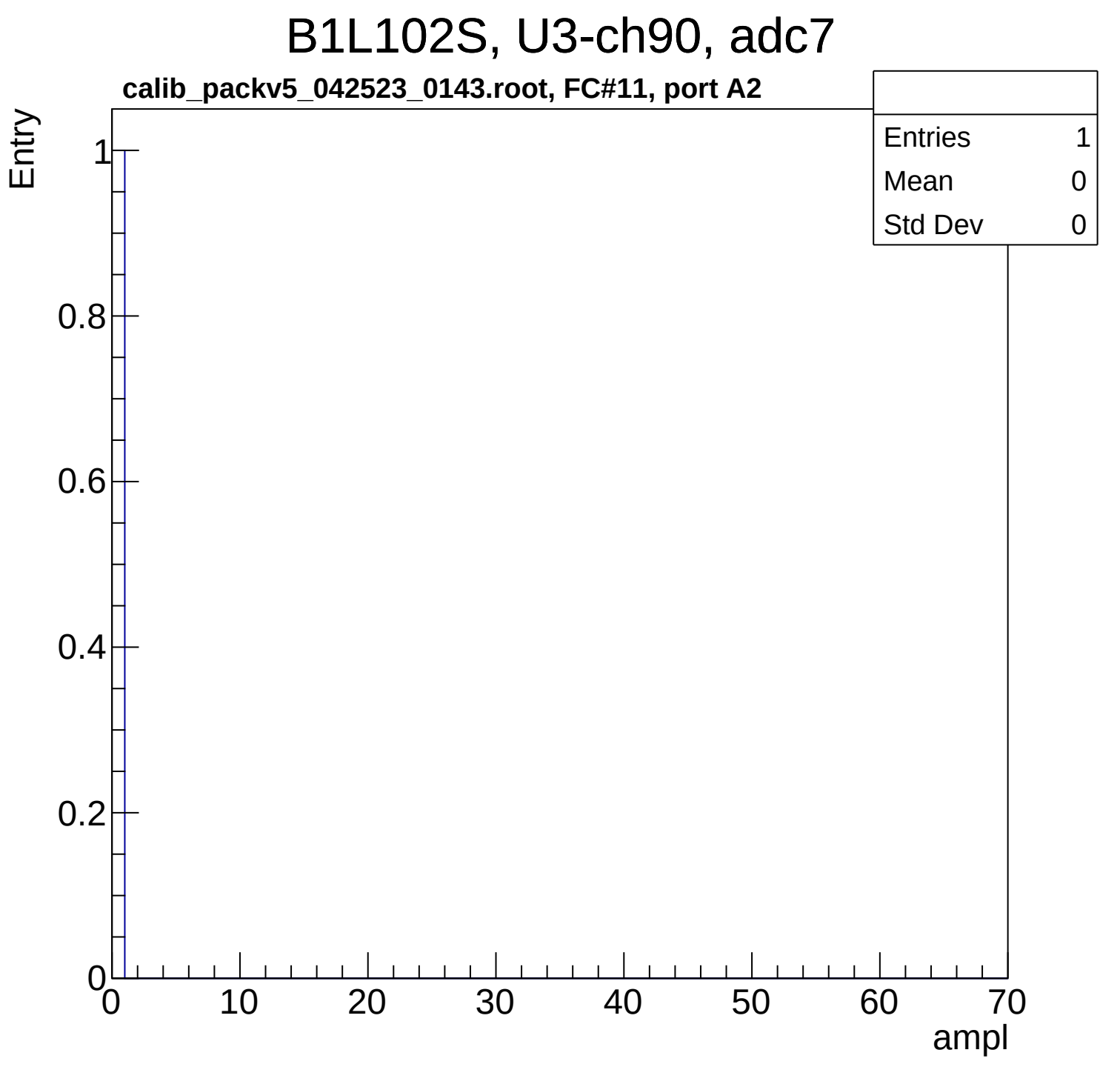

B1L102S, U3-ch90, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 24
Mean 58.25
Std Dev 12.25
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch90, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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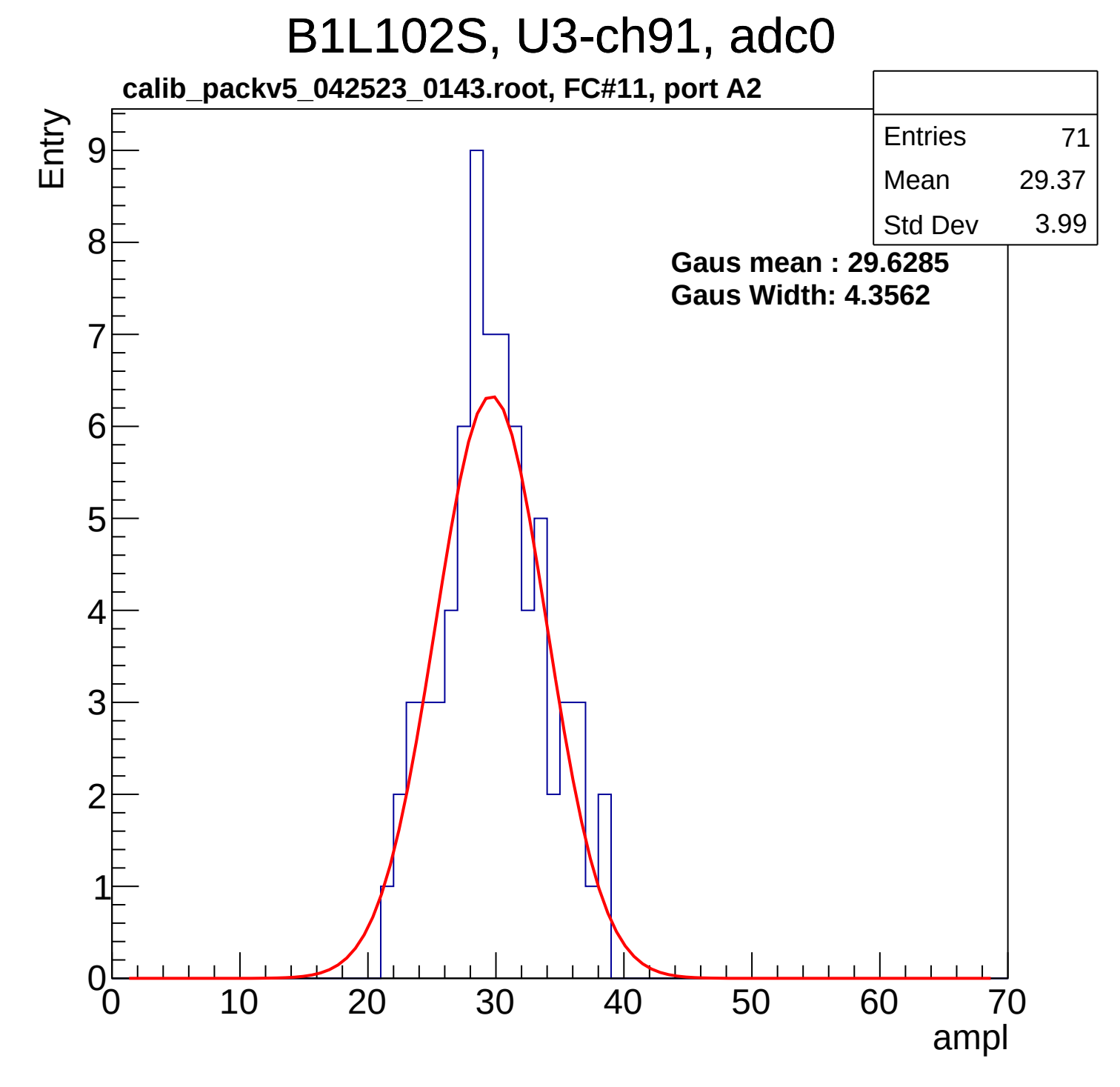
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch91, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 29.37
Std Dev 3.99
Gaus mean : 29.6285
Gaus Width: 4.3562
Entry
ampl
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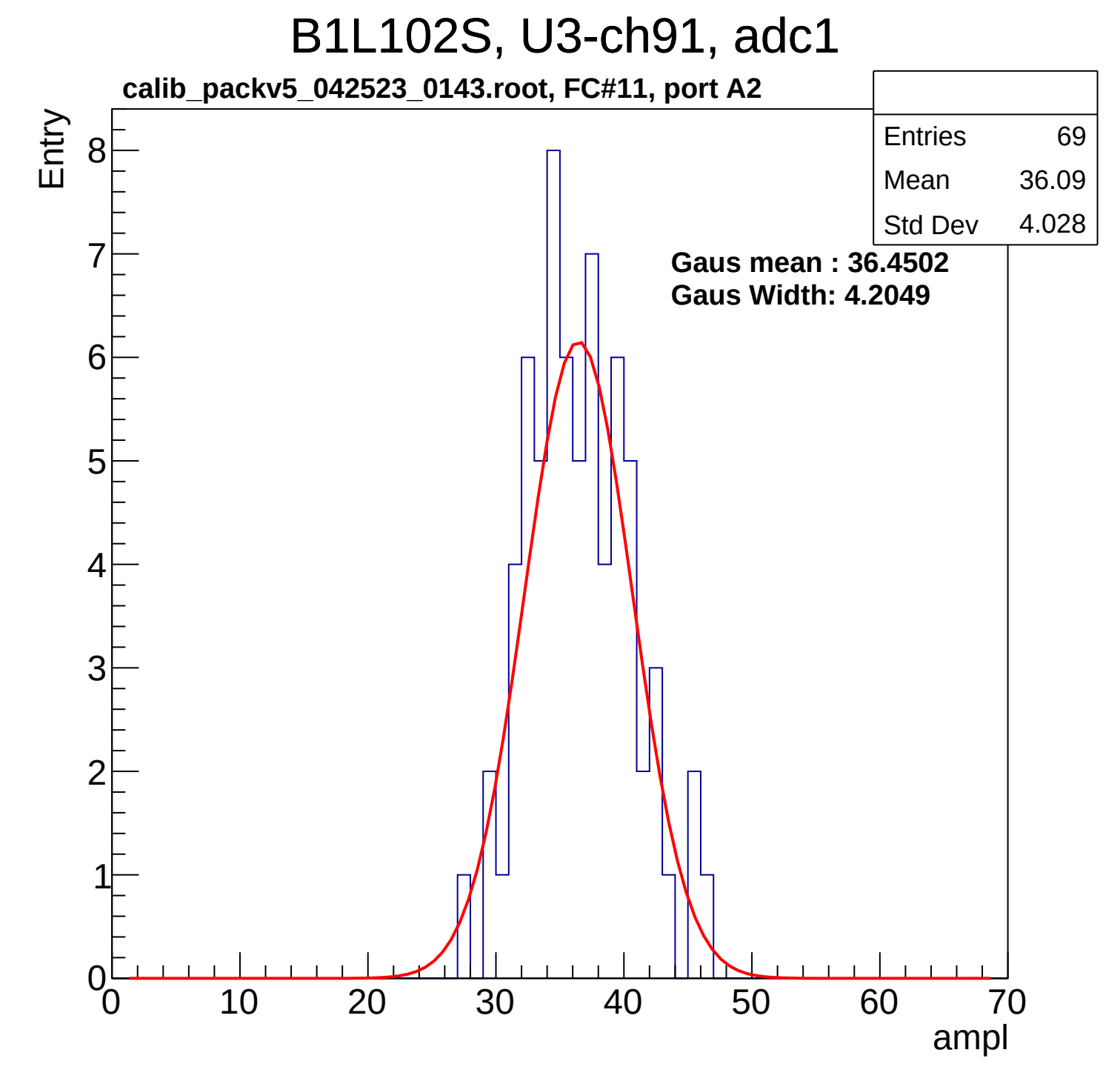
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch91, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 36.09
Std Dev 4.028
Gaus mean : 36.4502
Gaus Width: 4.2049
Entry
ampl
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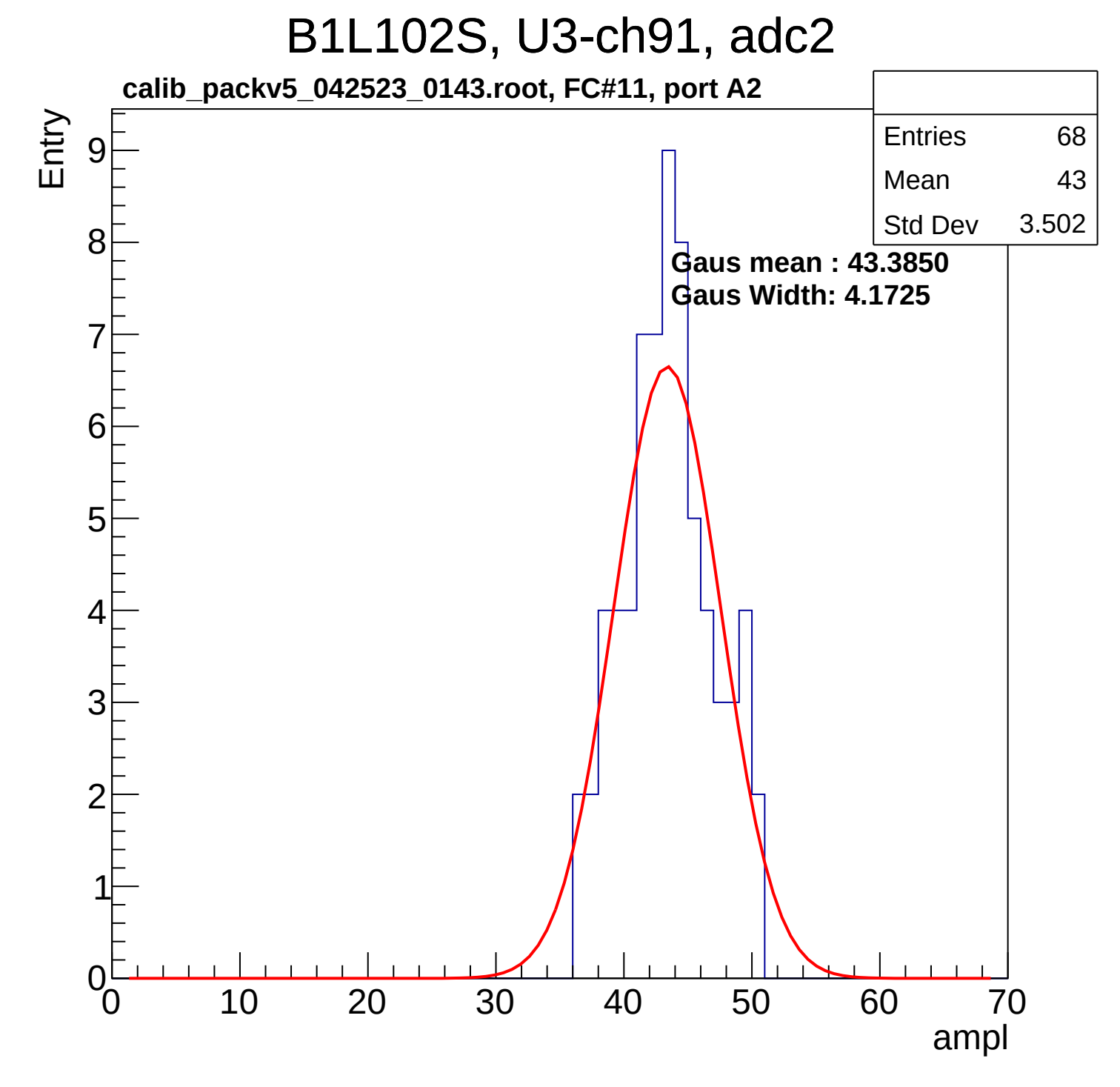
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch91, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 43
Std Dev 3.502
Gaus mean : 43.3850
Gaus Width: 4.1725
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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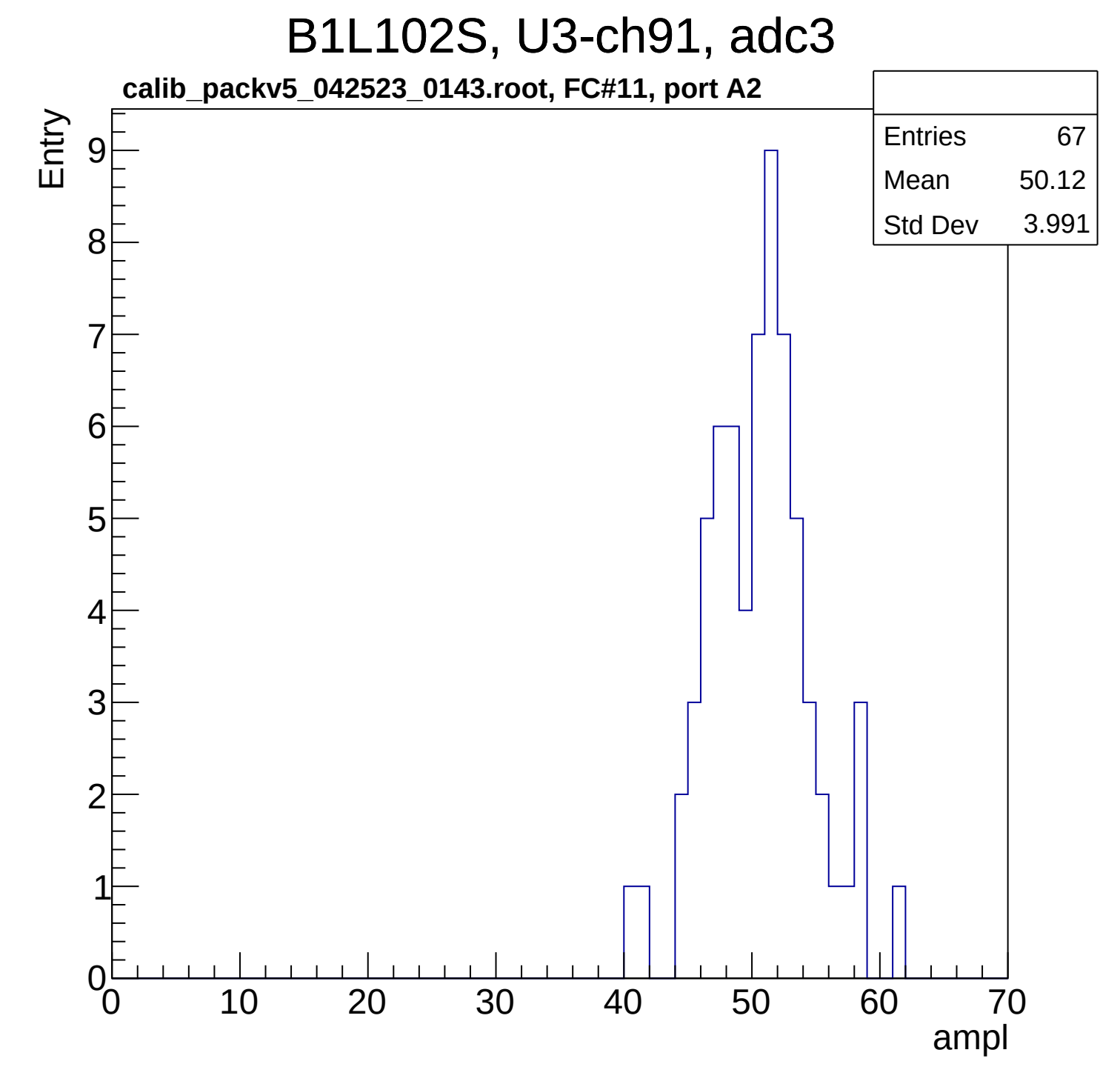
B1L102S, U3-ch91, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 50.12
Std Dev 3.991
Entry
ampl
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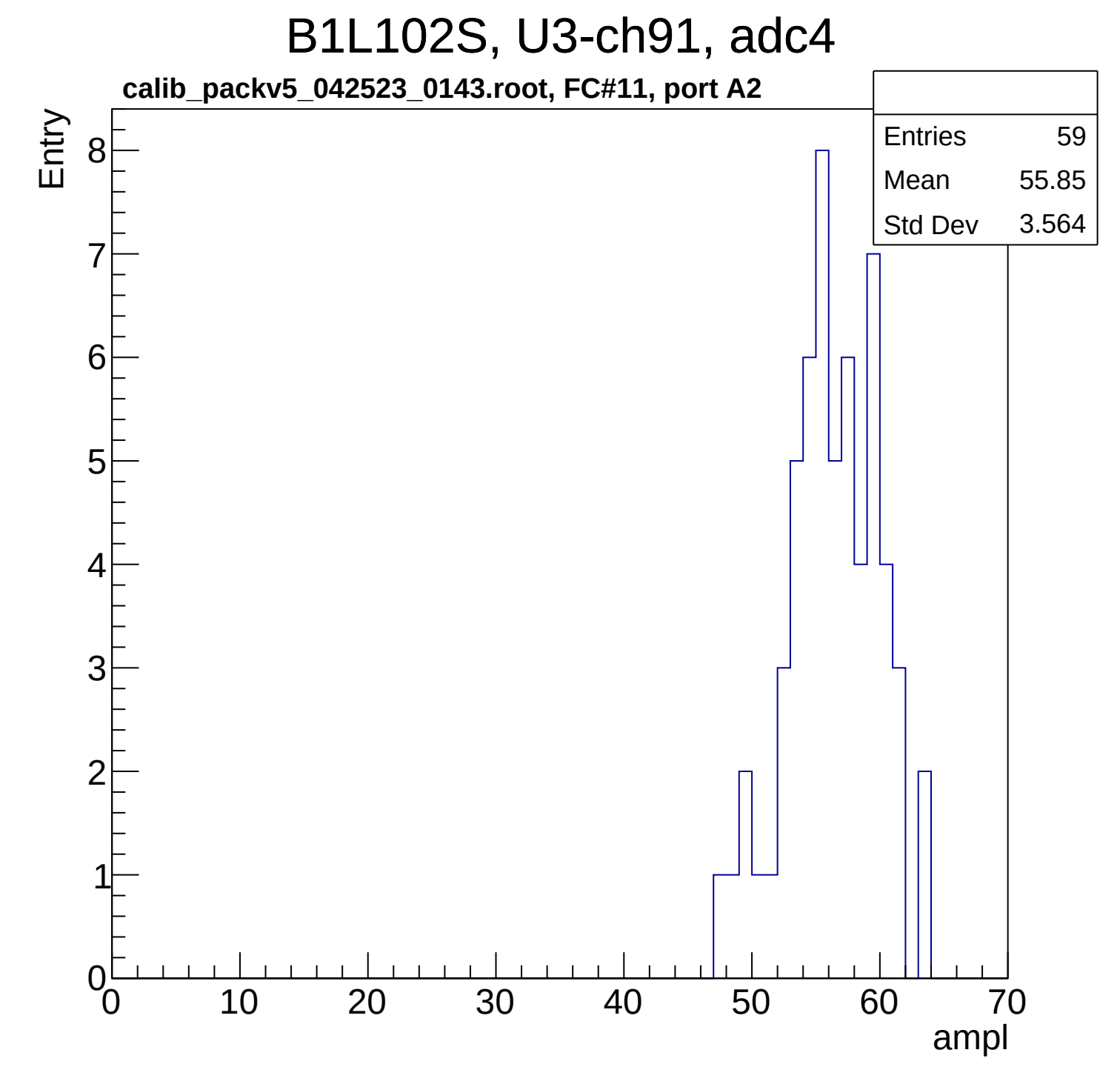
B1L102S, U3-ch91, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 55.85
Std Dev 3.564
Entry
ampl
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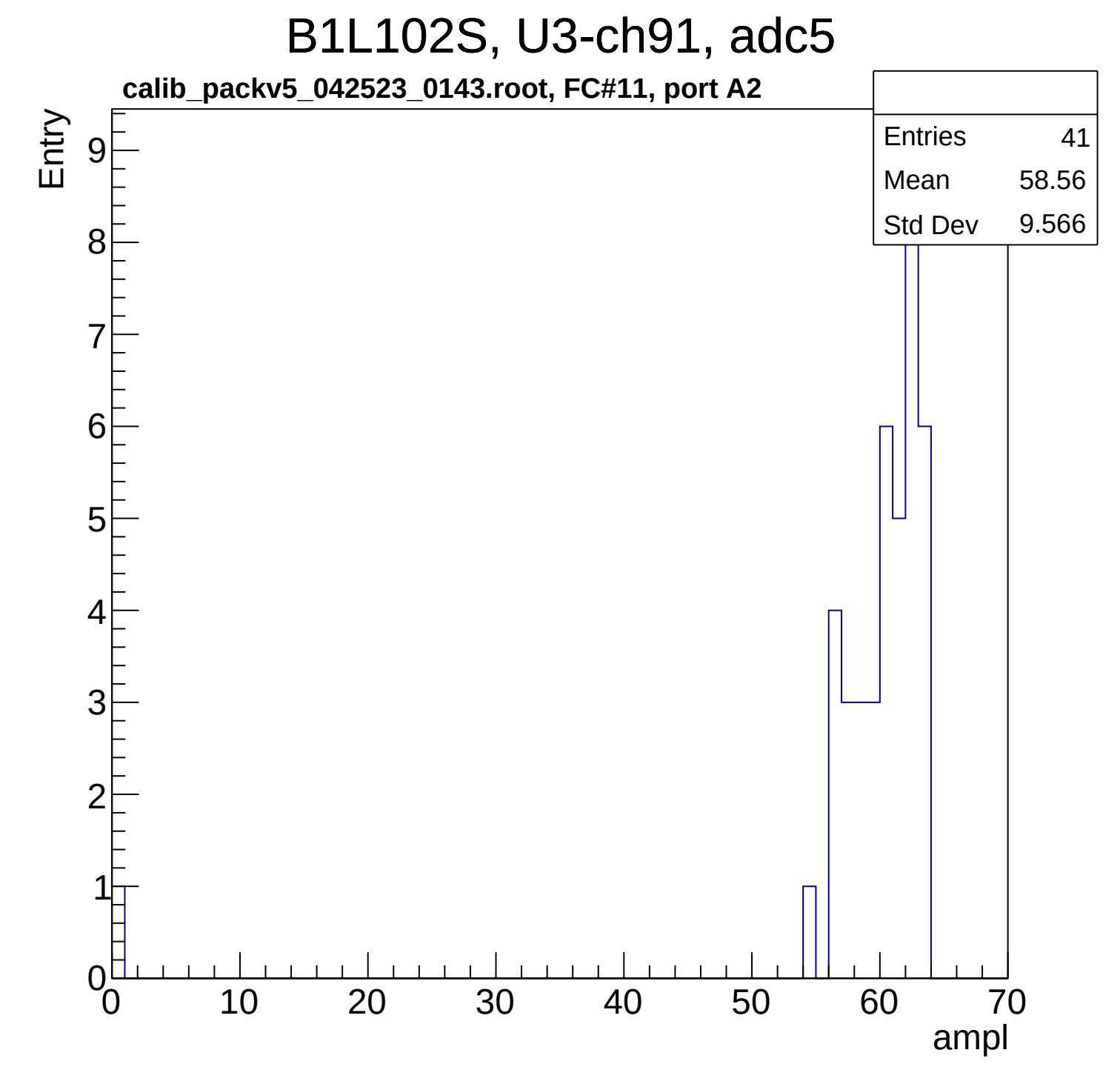
B1L102S, U3-ch91, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 58.56
Std Dev 9.566
Entry
ampl
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3
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5
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7
8
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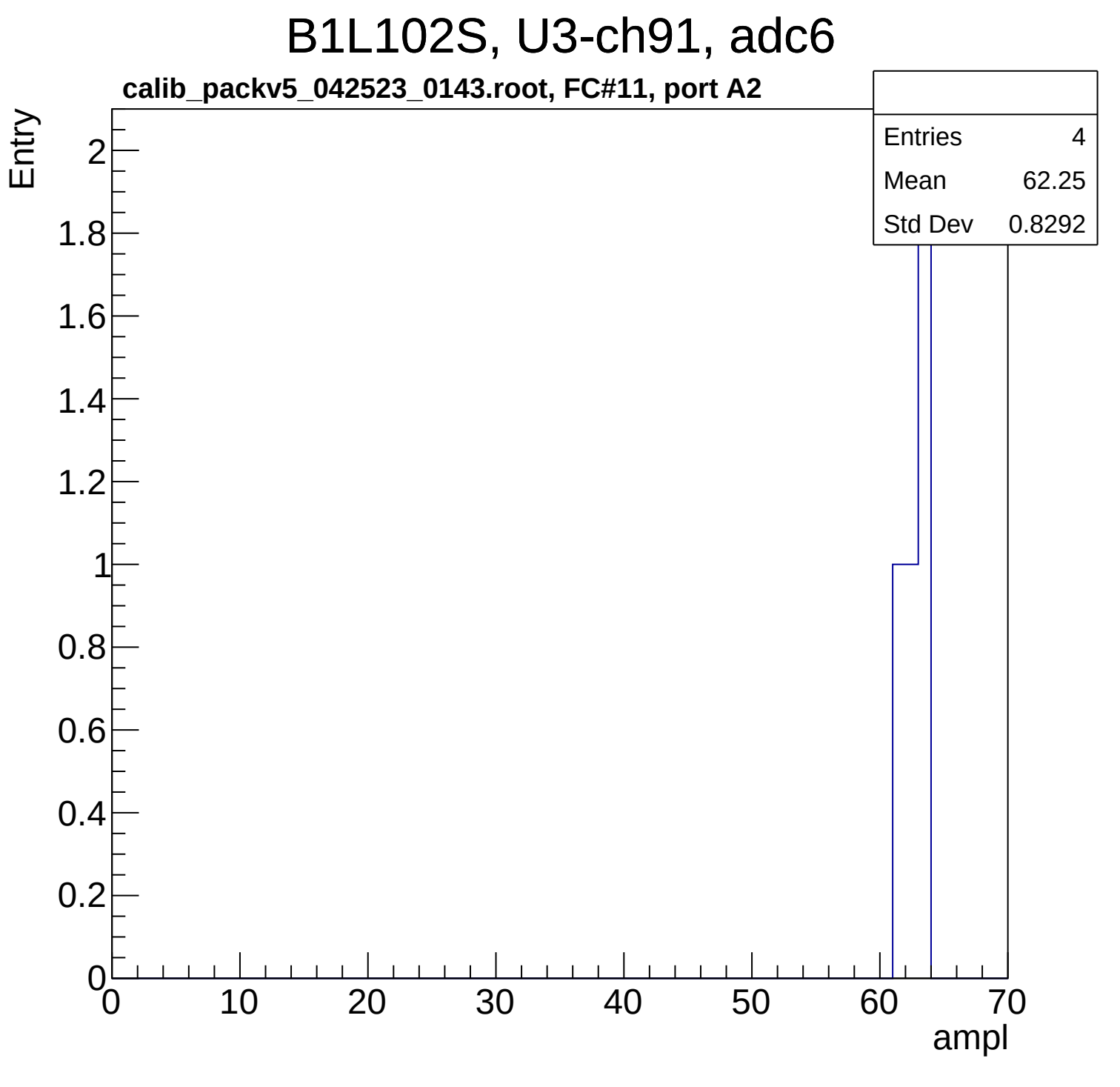
B1L102S, U3-ch91, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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20
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40
50
60
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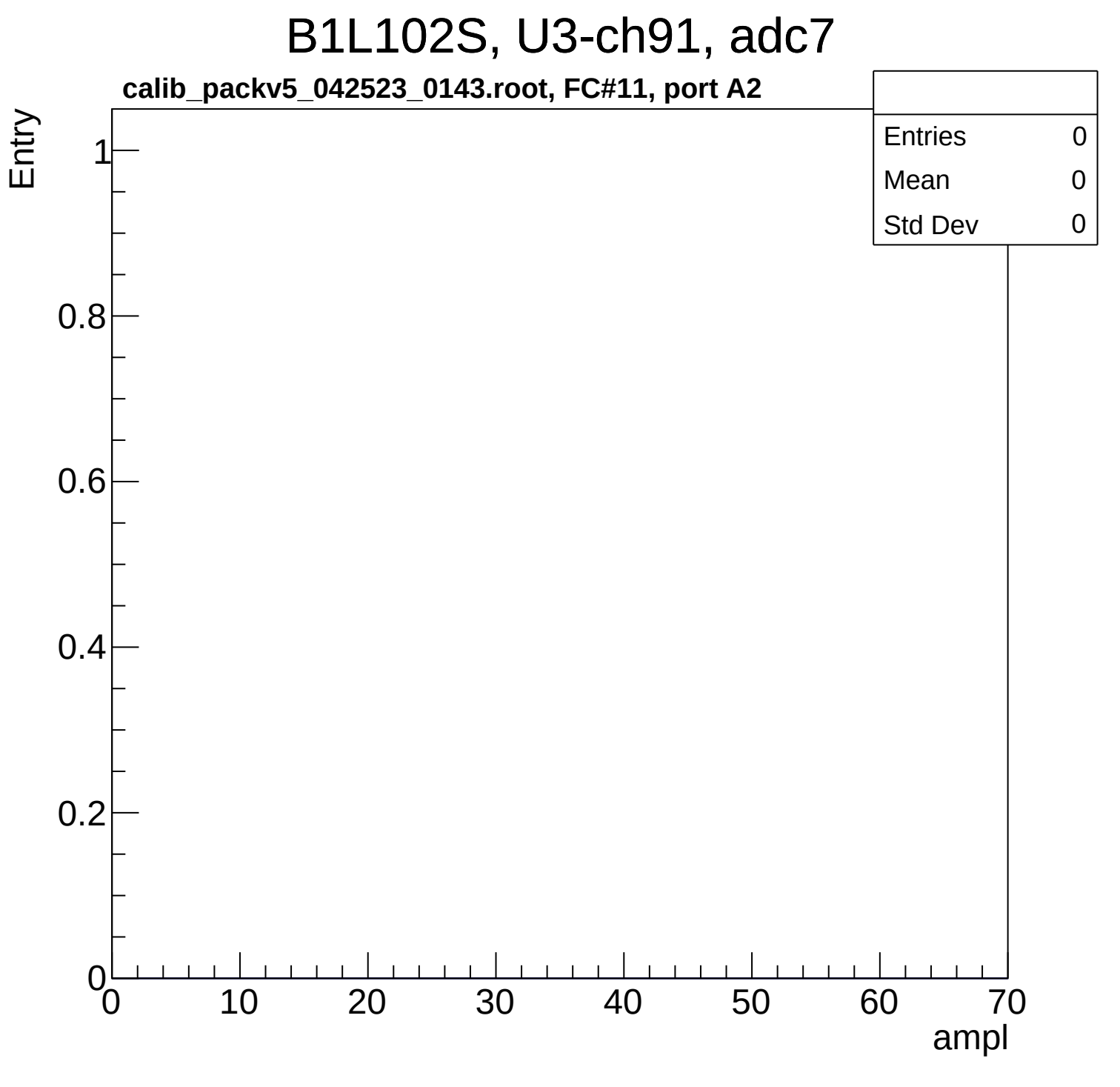
B1L102S, U3-ch91, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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0.4
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0
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10
20
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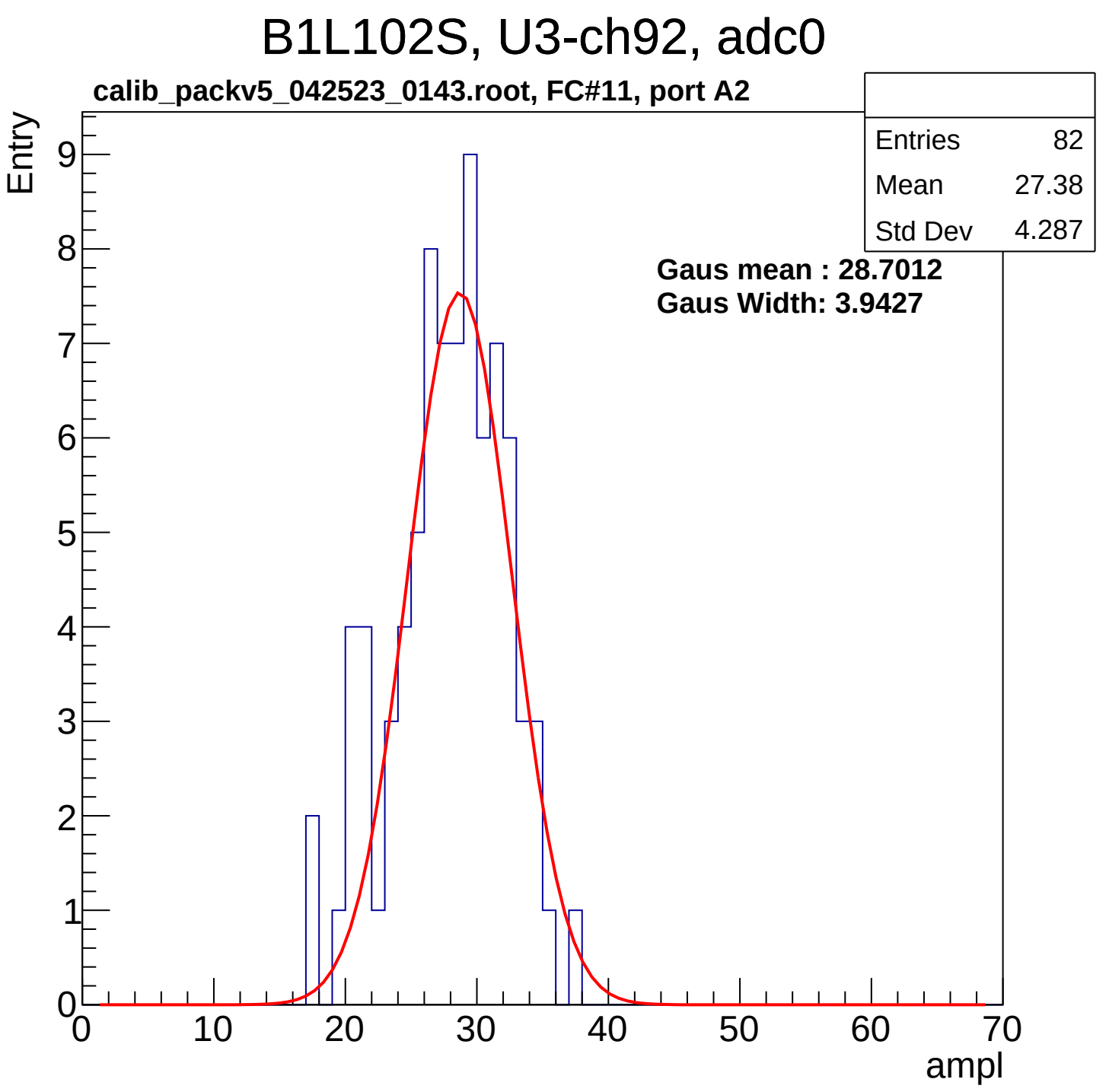
50
60
70
ampl


B1L102S, U3-ch92, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 27.38
Std Dev 4.287
Gaus mean : 28.7012
Gaus Width: 3.9427
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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40
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60
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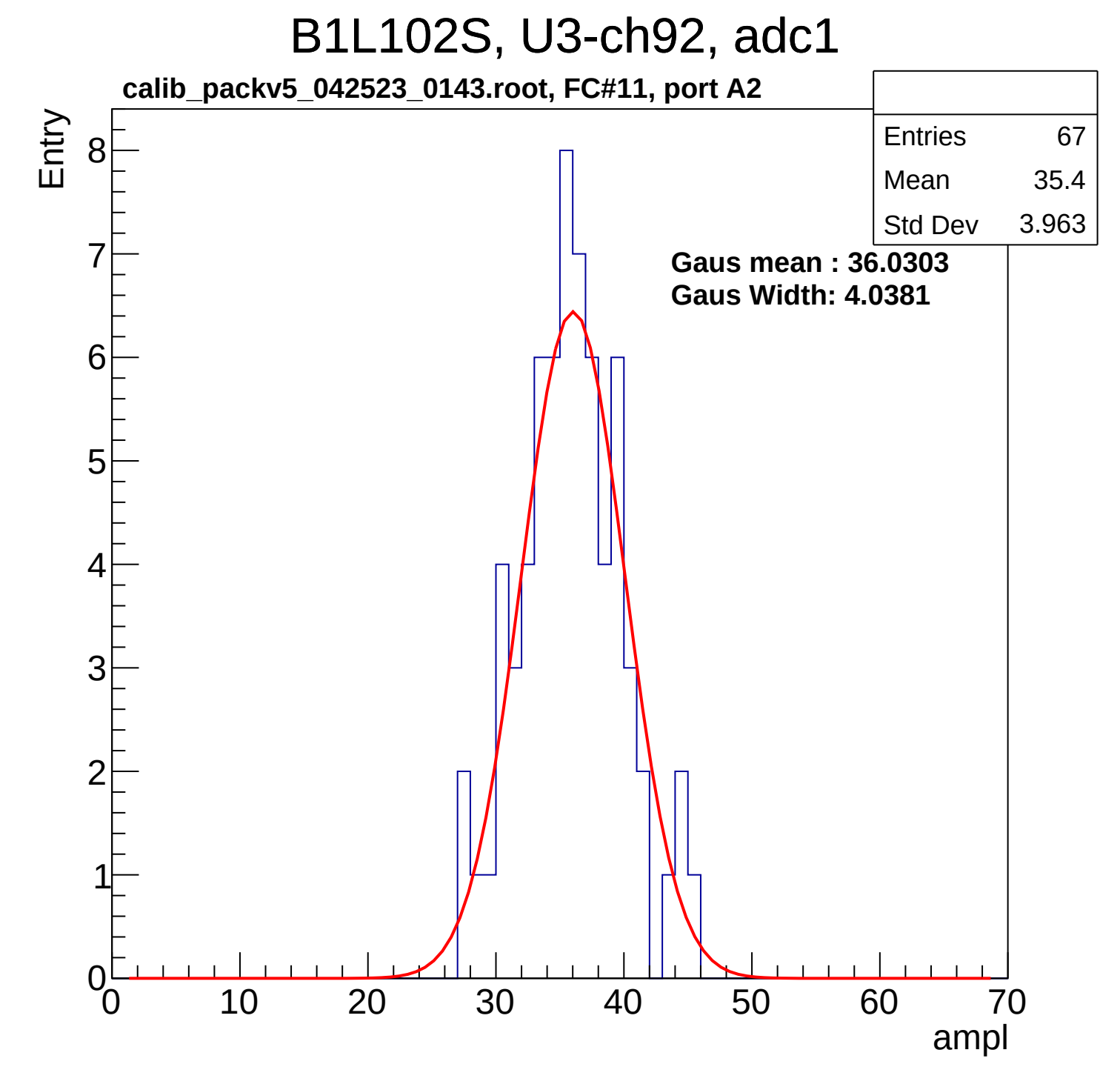
B1L102S, U3-ch92, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 35.4
Std Dev 3.963
Gaus mean : 36.0303
Gaus Width: 4.0381
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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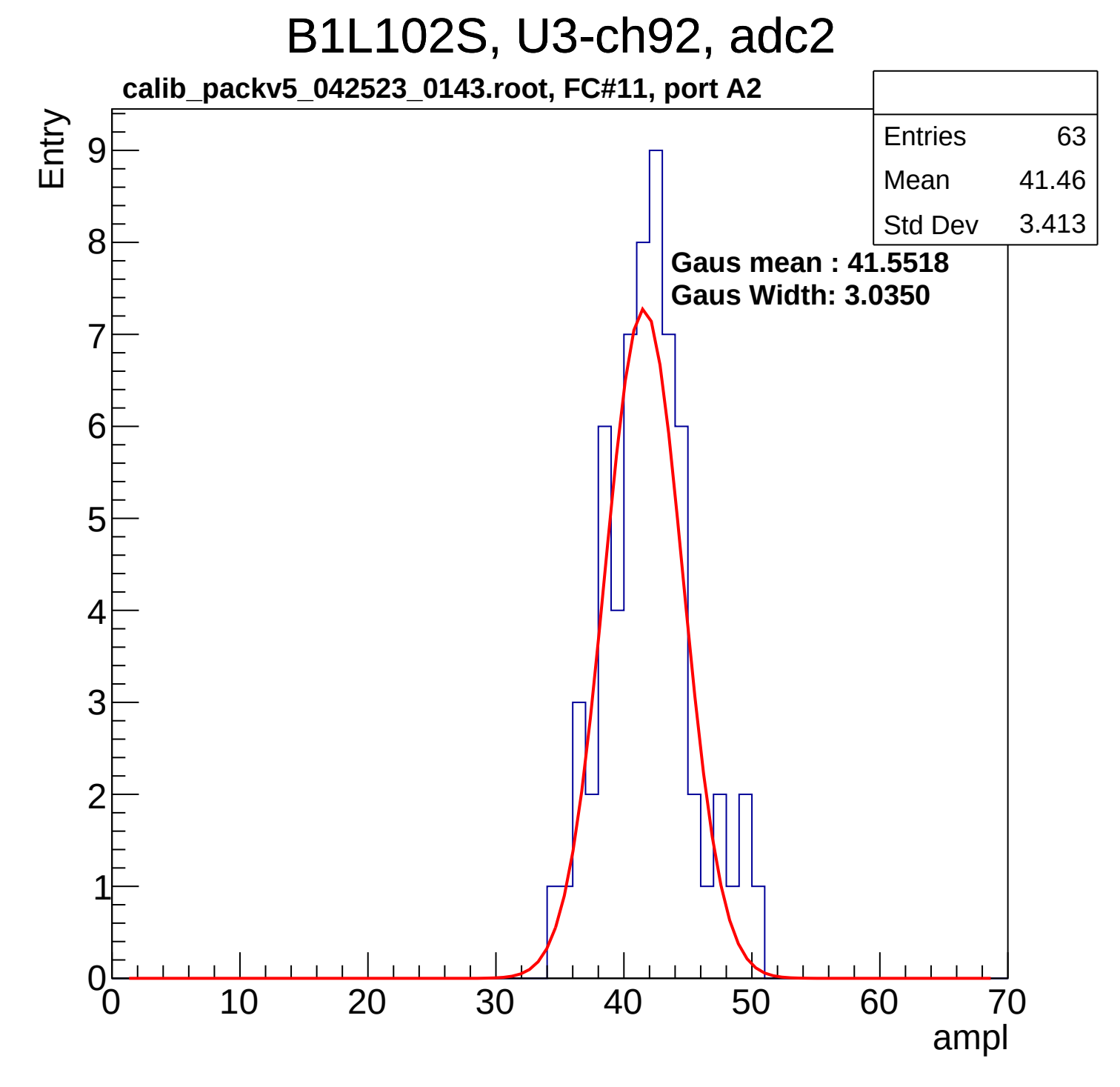
B1L102S, U3-ch92, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 41.46
Std Dev 3.413
Gaus mean : 41.5518
Gaus Width: 3.0350
Entry
ampl
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2
3
4
5
6
7
8
9
0
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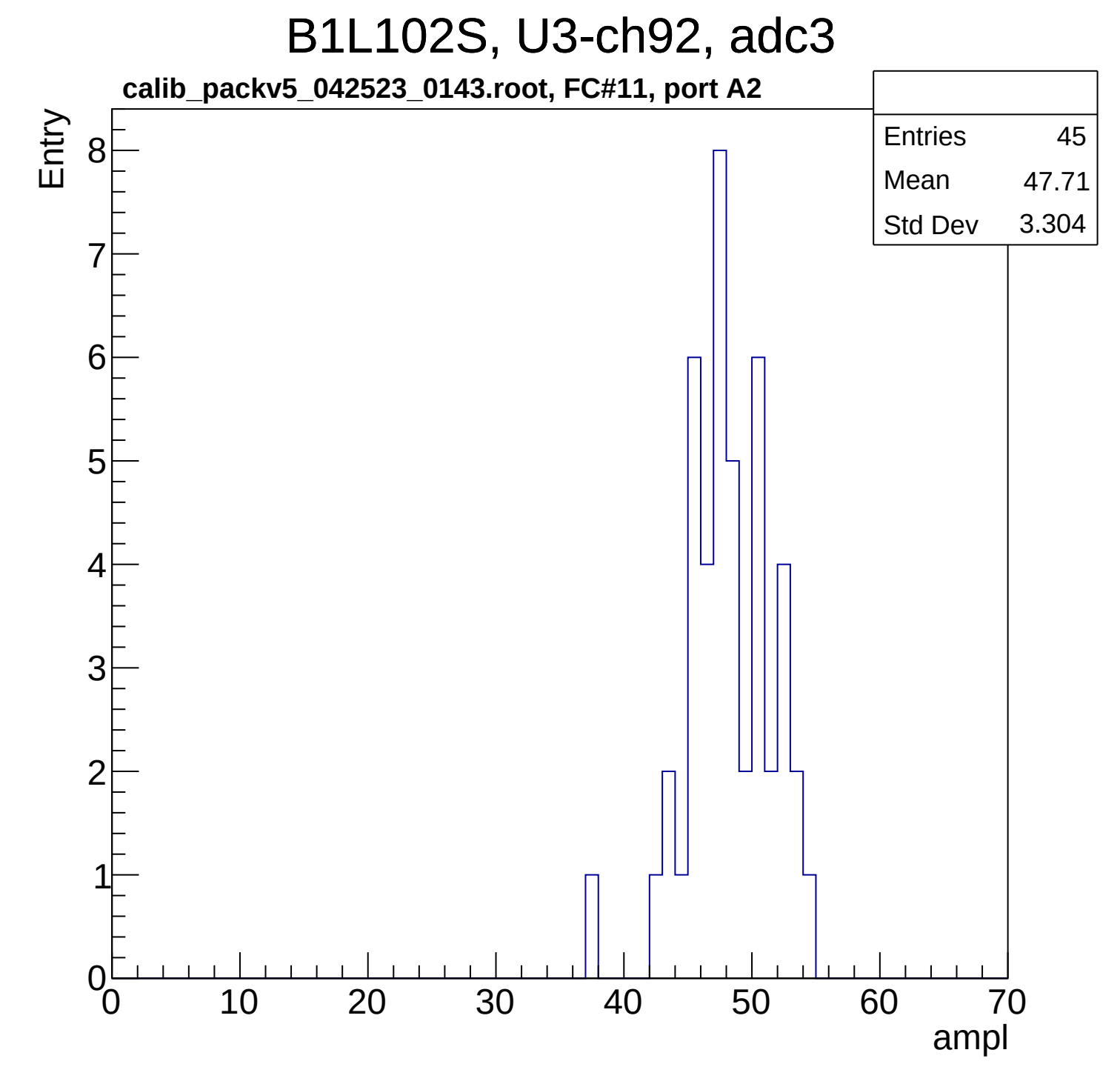
B1L102S, U3-ch92, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 47.71
Std Dev 3.304
Entry
ampl
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2
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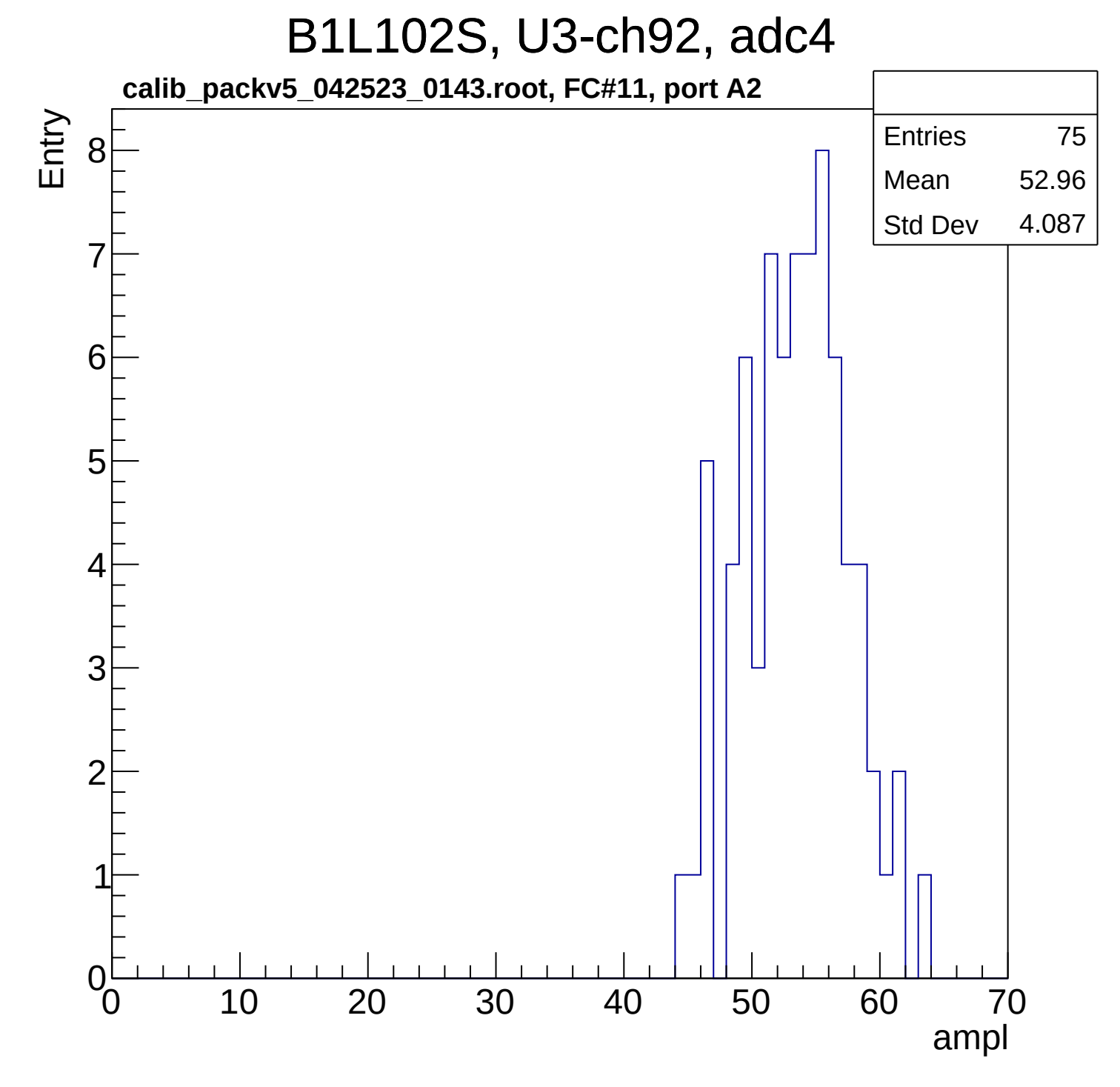
B1L102S, U3-ch92, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 52.96
Std Dev 4.087
Entry
ampl
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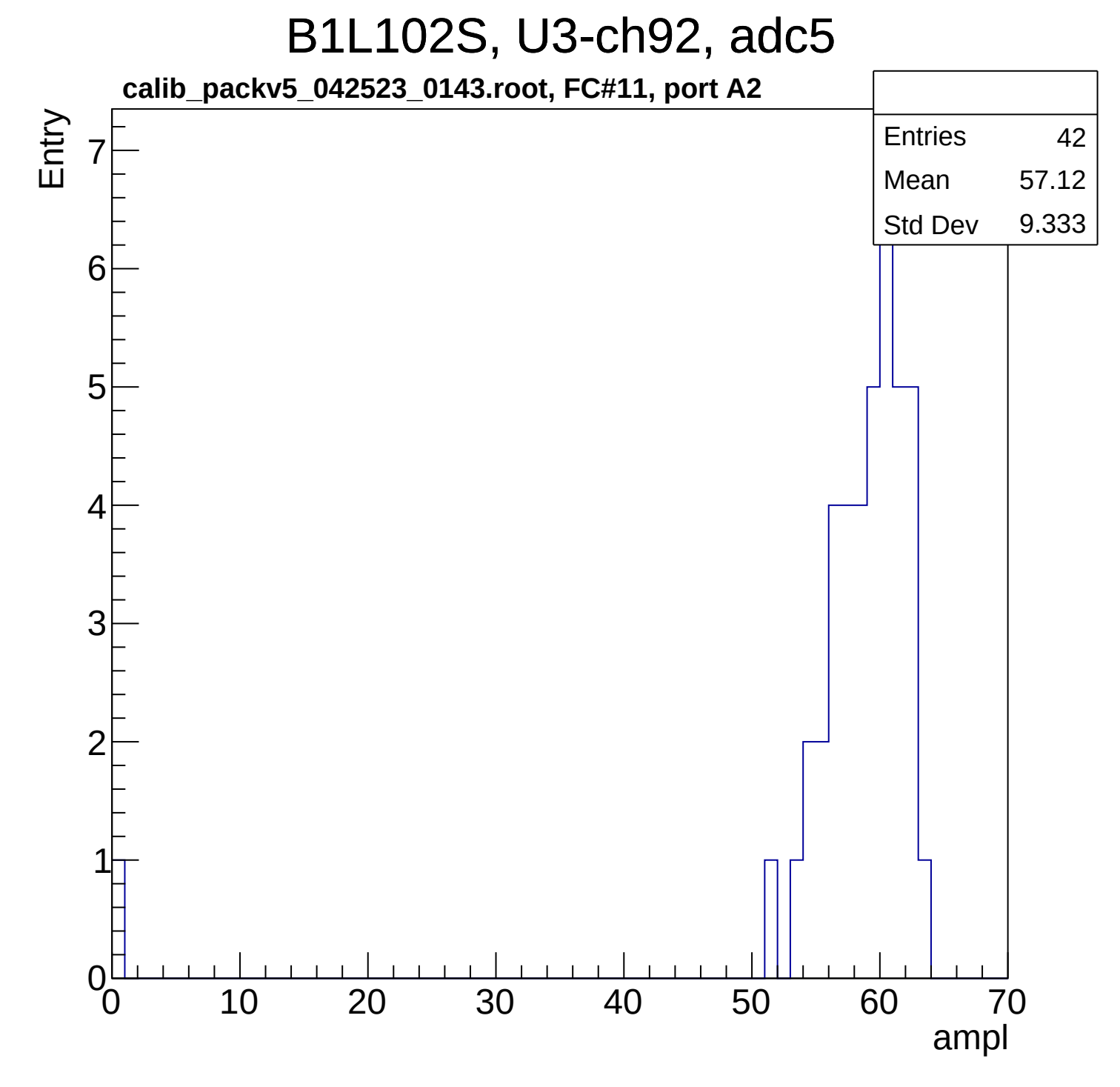
B1L102S, U3-ch92, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 57.12
Std Dev 9.333
Entry
ampl
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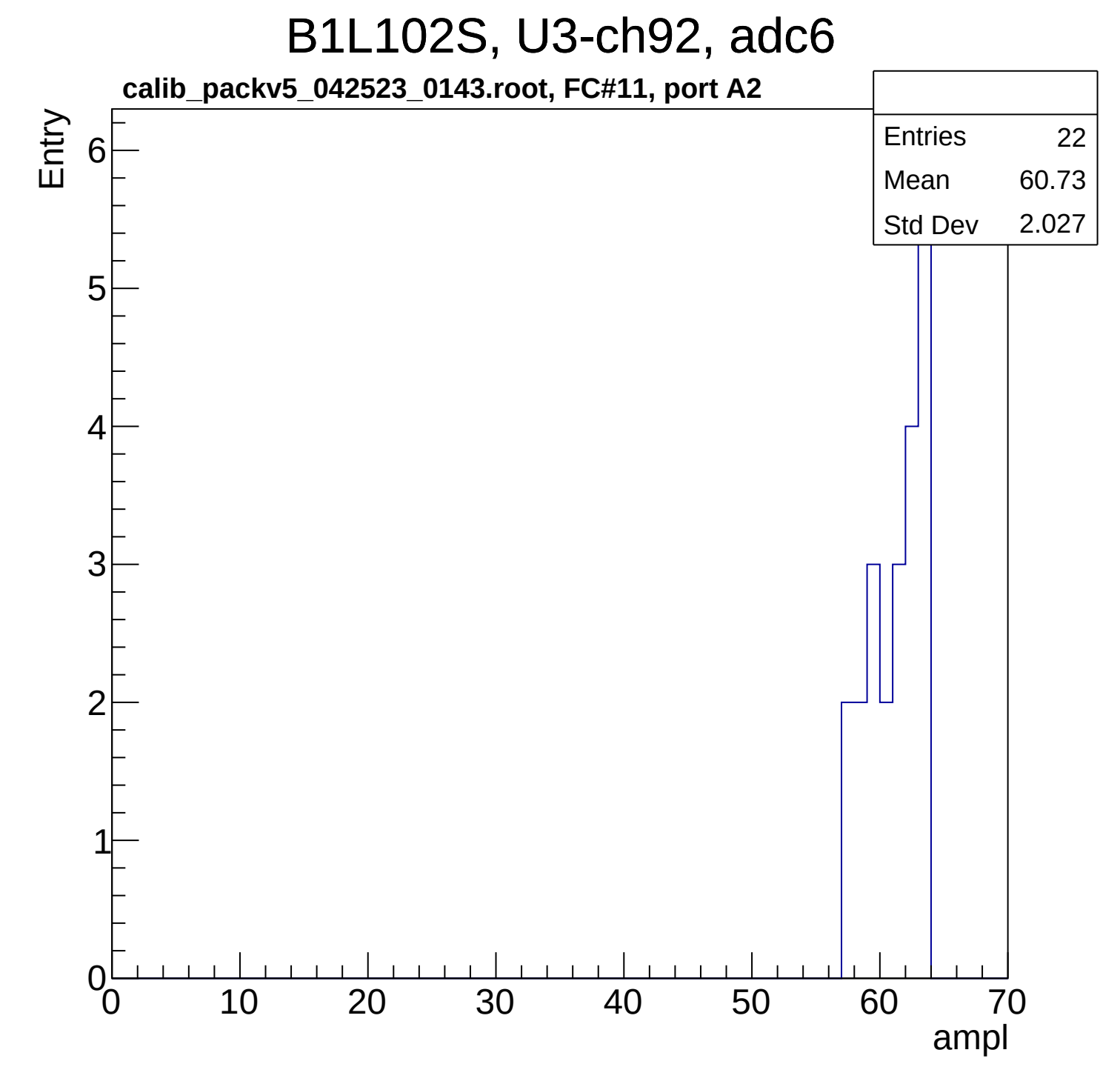
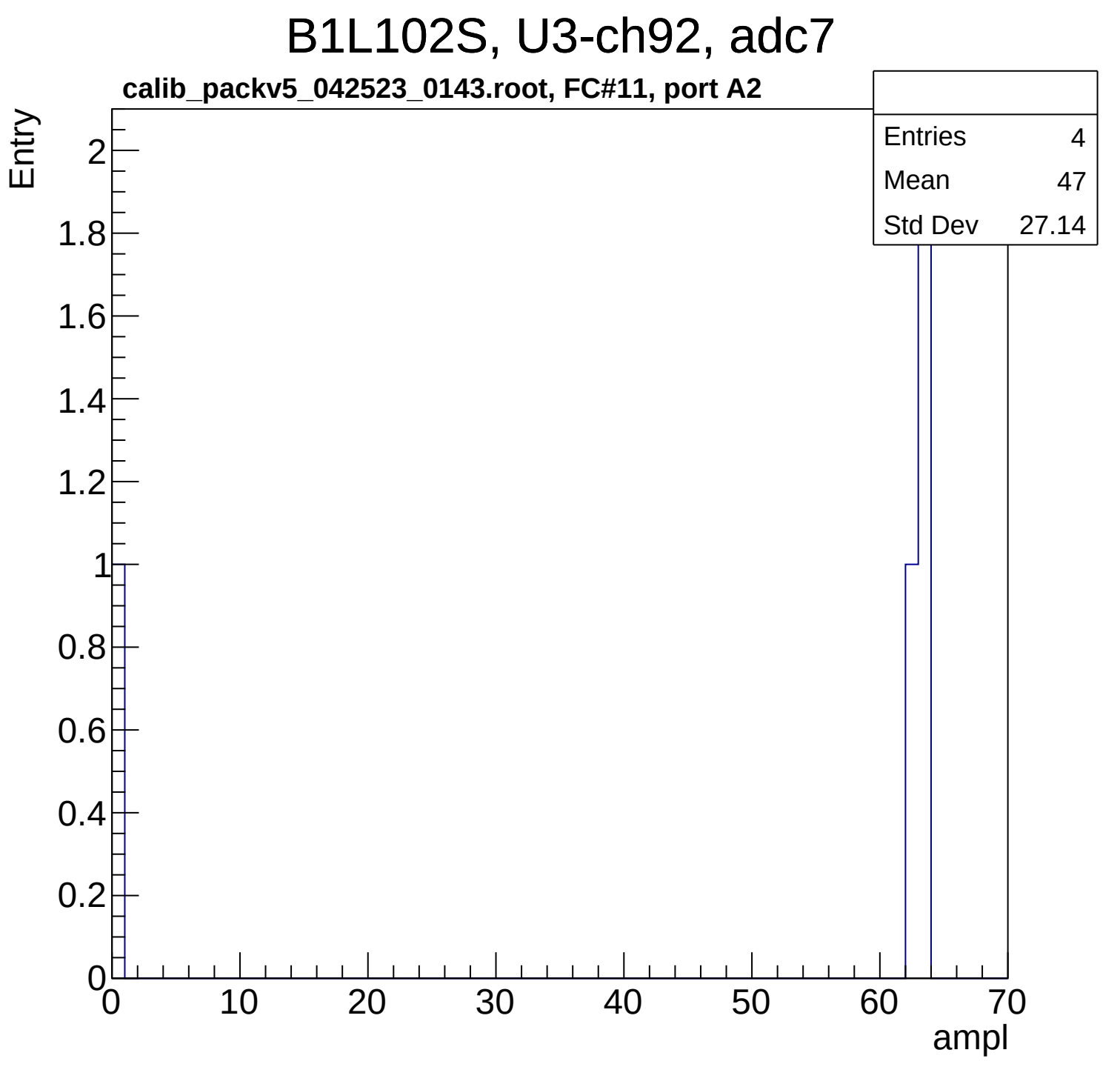
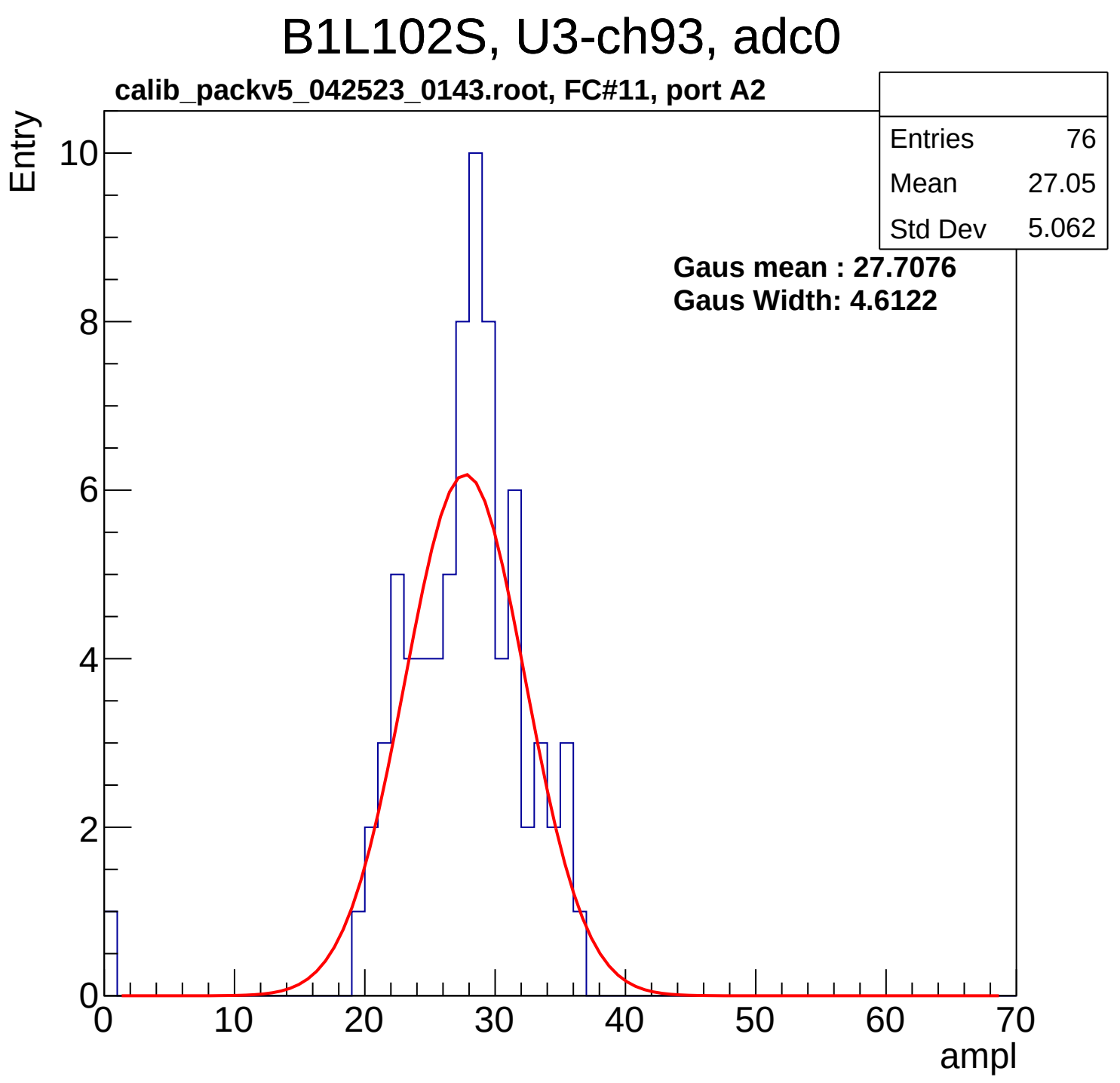
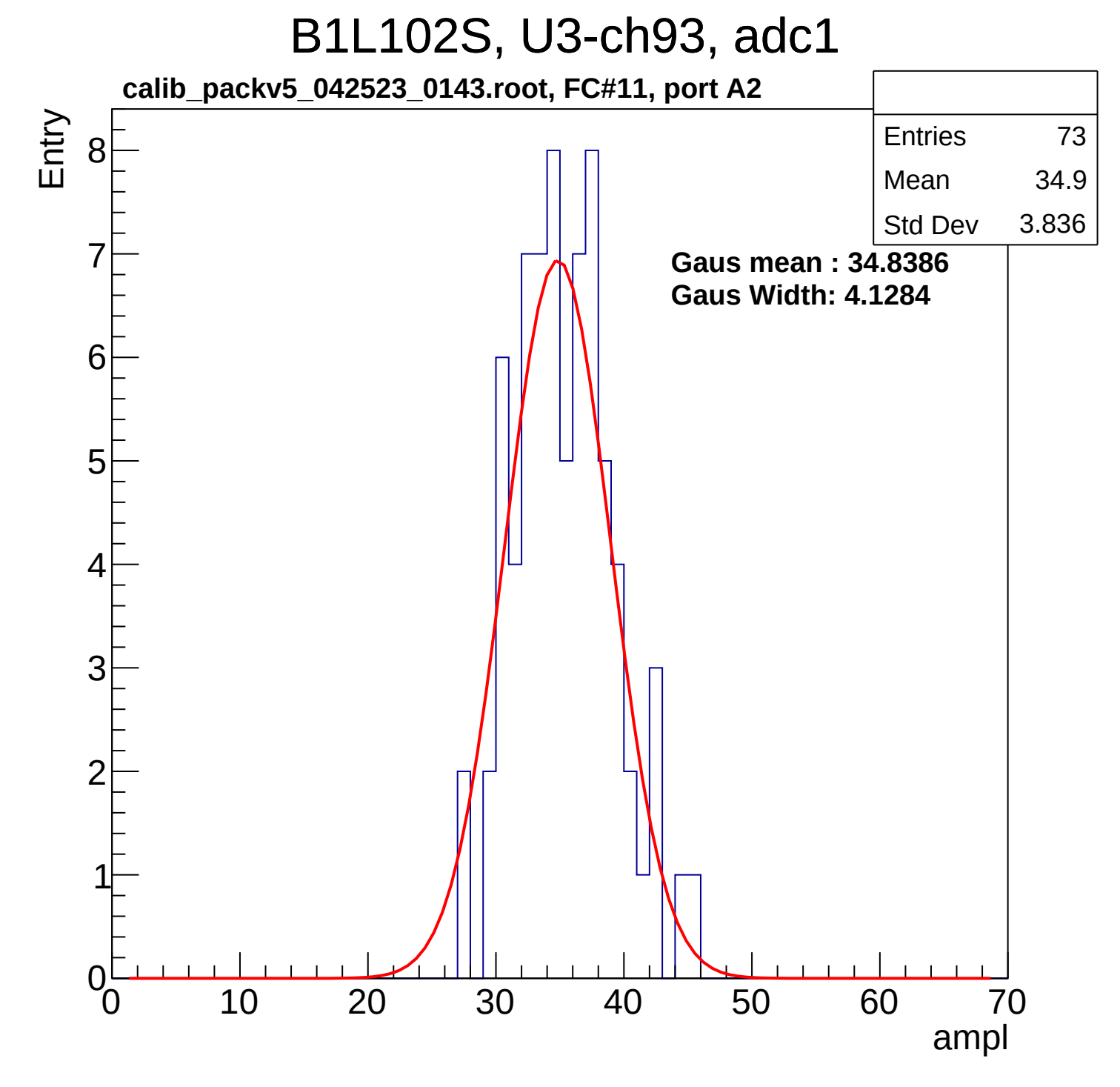

B1L102S, U3-ch92, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 22
Mean 60.73
Std Dev 2.027
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch92, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 47
Std Dev 27.14
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U3-ch93, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 27.05
Std Dev 5.062
Gaus mean : 27.7076
Gaus Width: 4.6122
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch93, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 34.9
Std Dev 3.836
Gaus mean : 34.8386
Gaus Width: 4.1284
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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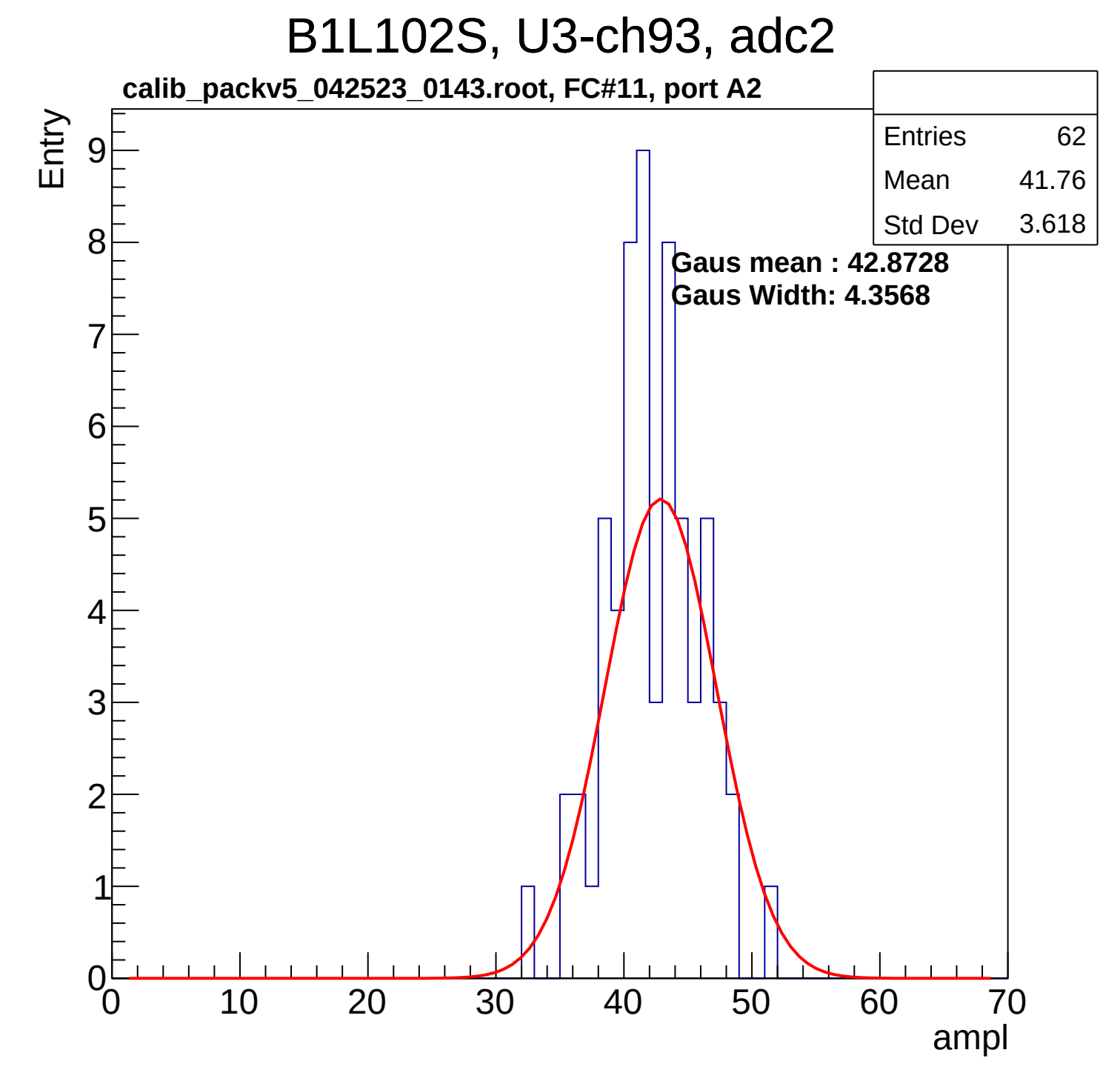
B1L102S, U3-ch93, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 41.76
Std Dev 3.618
Gaus mean : 42.8728
Gaus Width: 4.3568
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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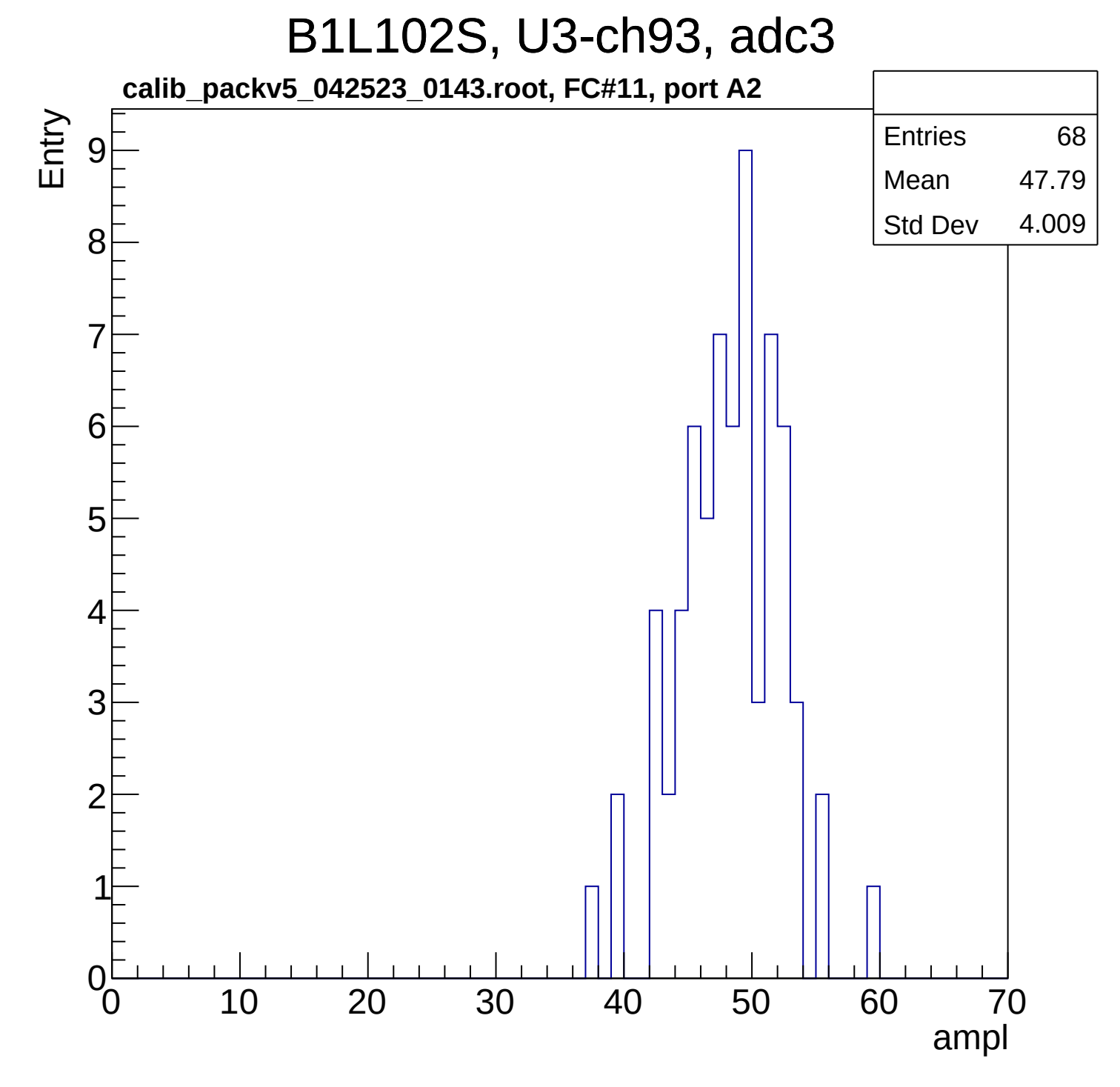
B1L102S, U3-ch93, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 47.79
Std Dev 4.009
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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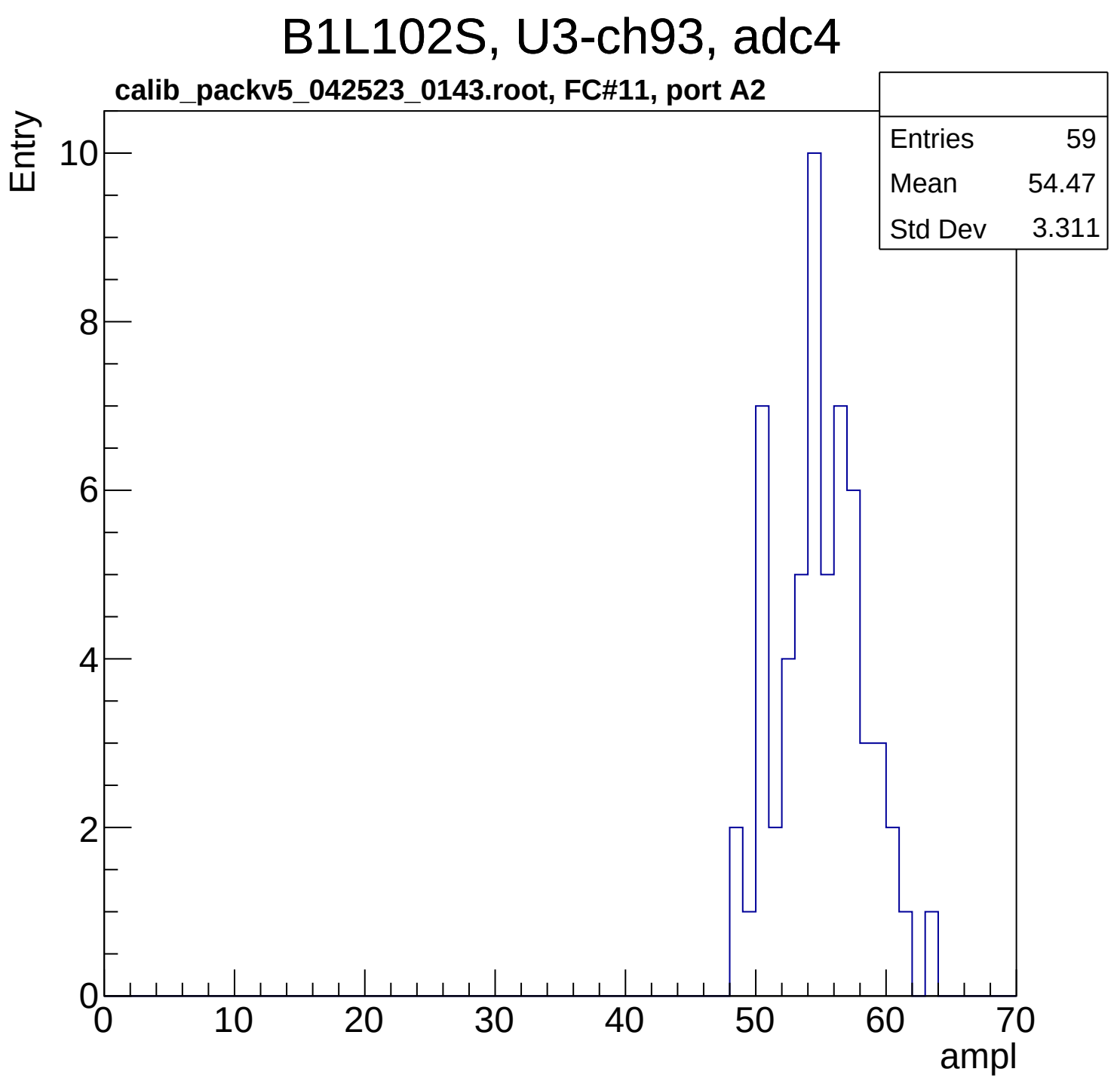
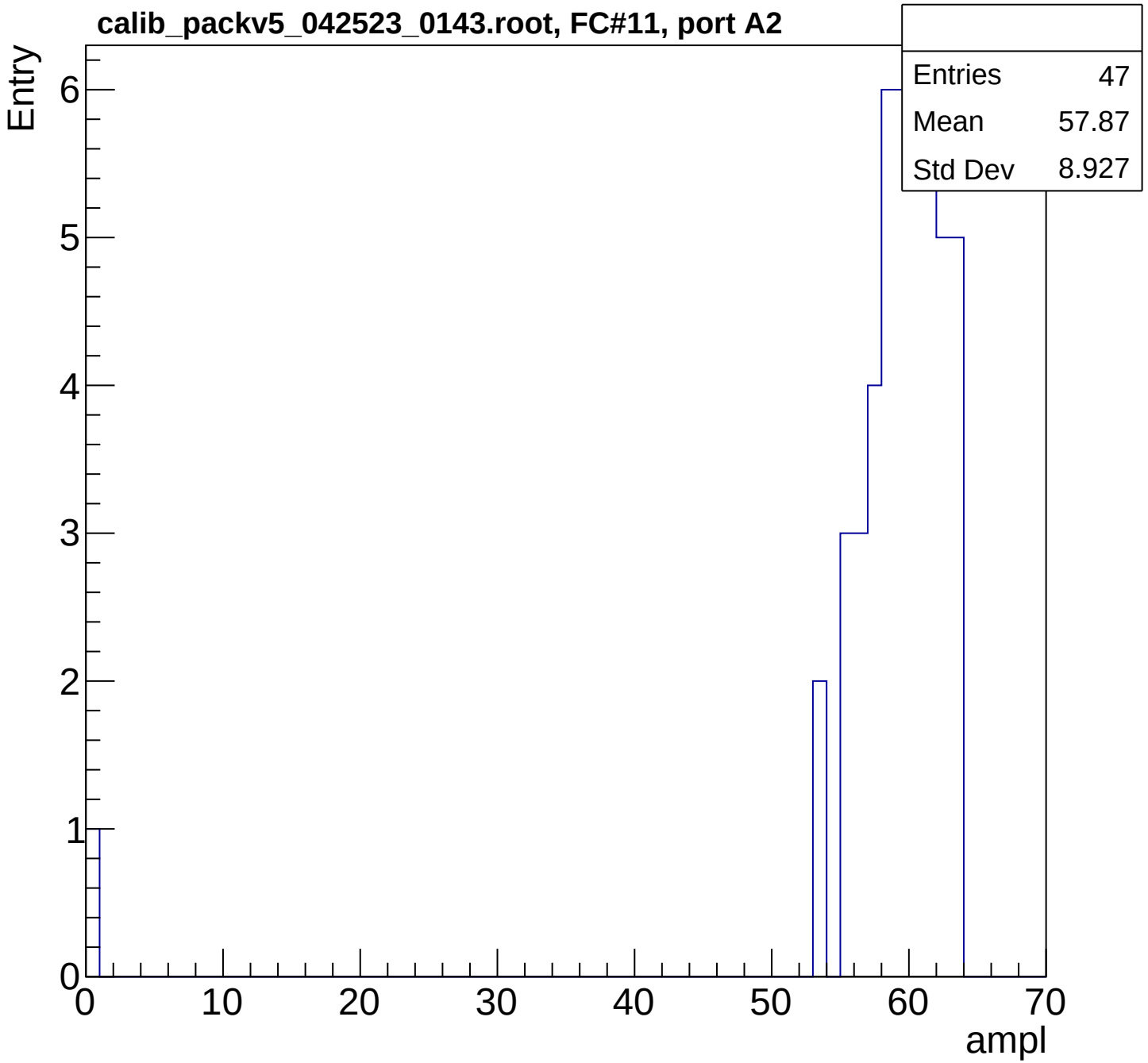
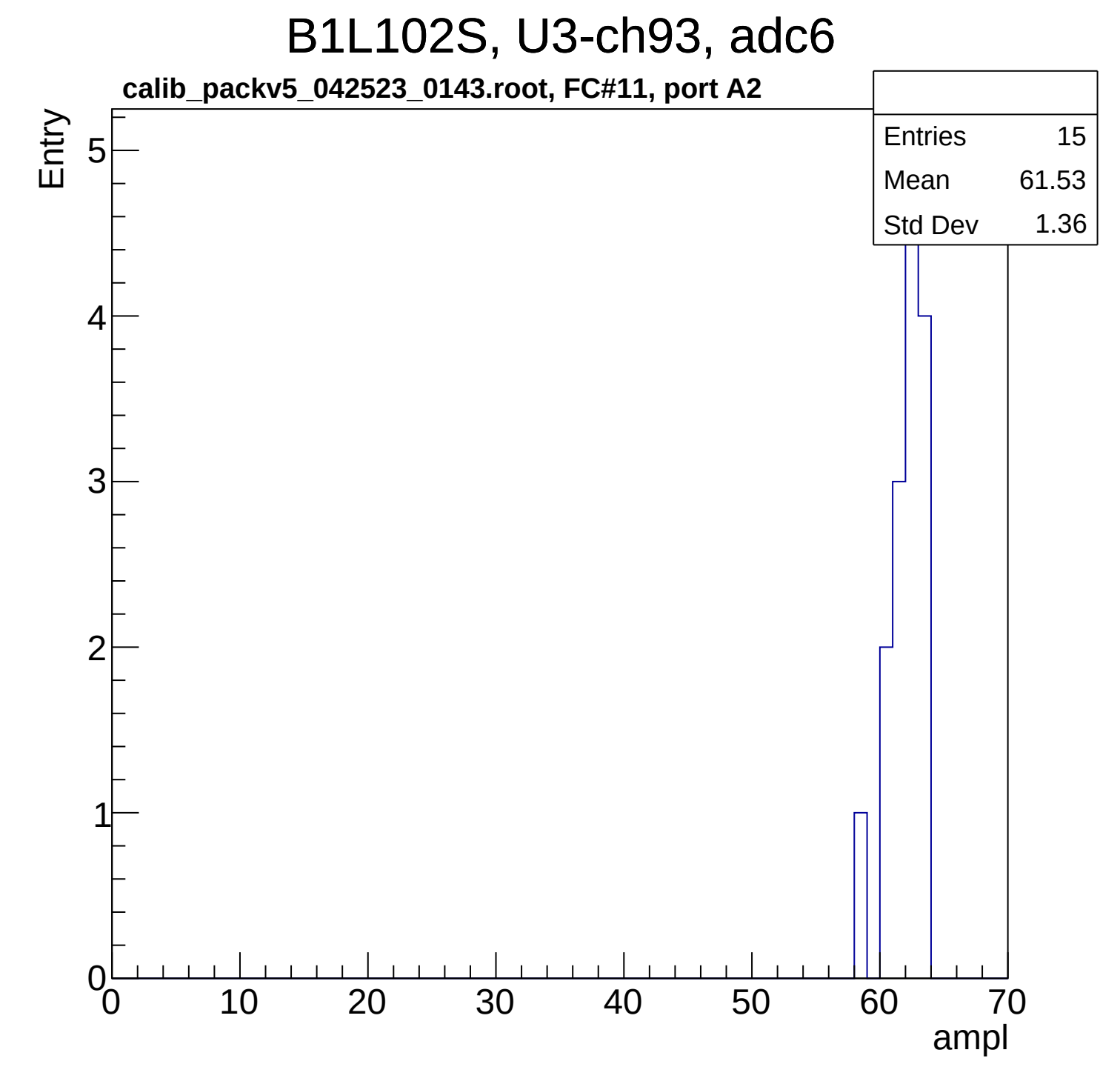
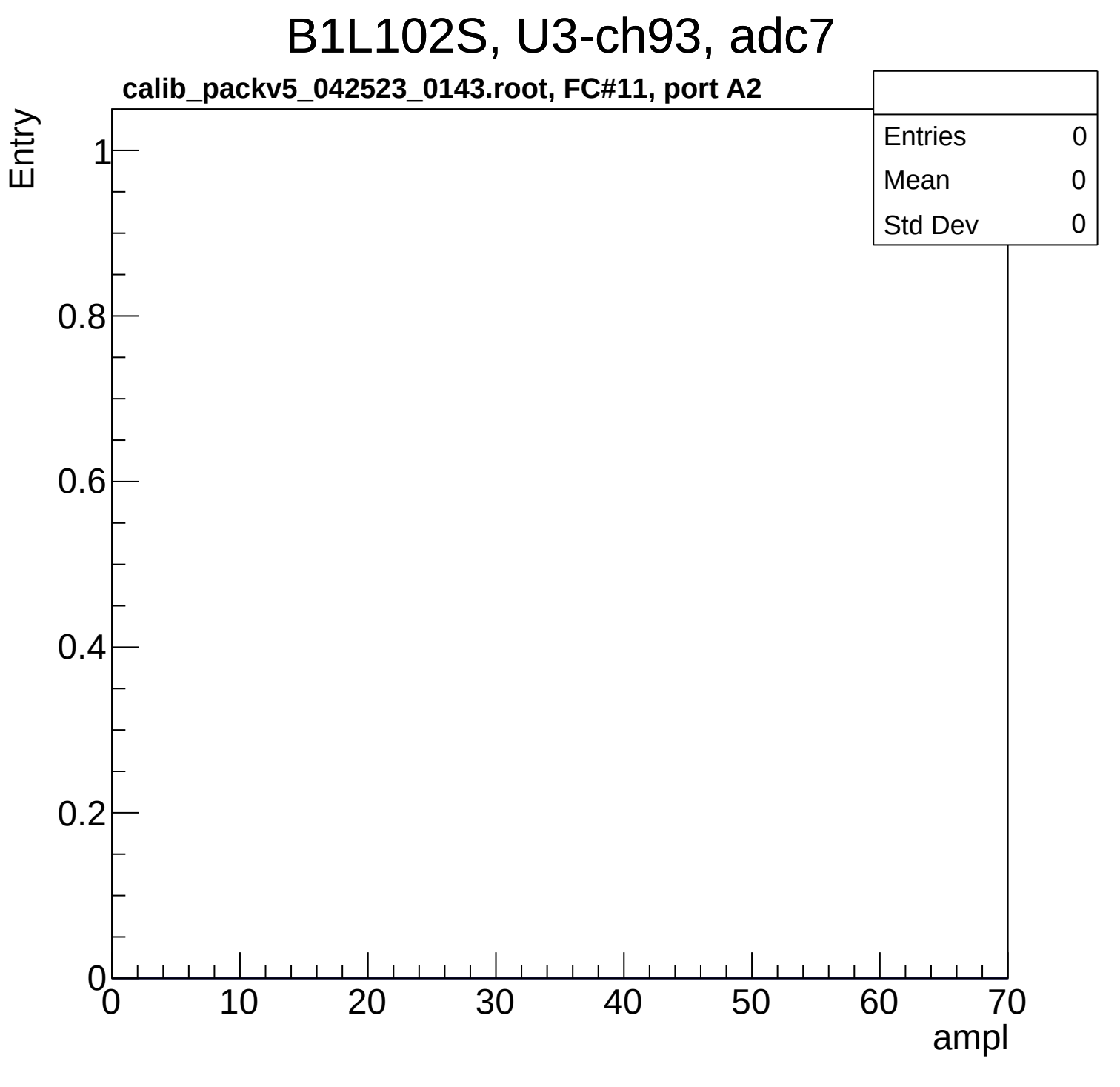
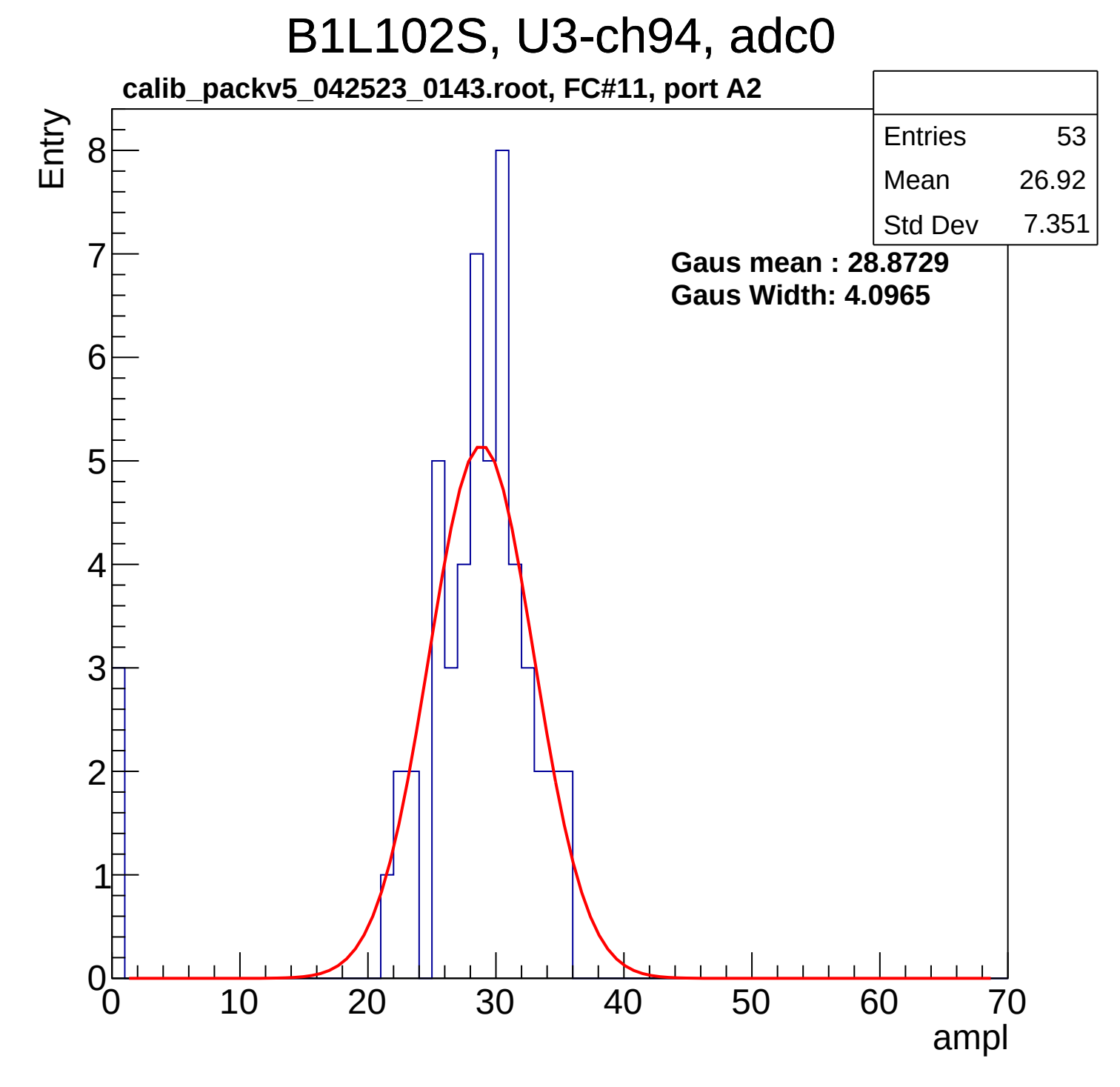
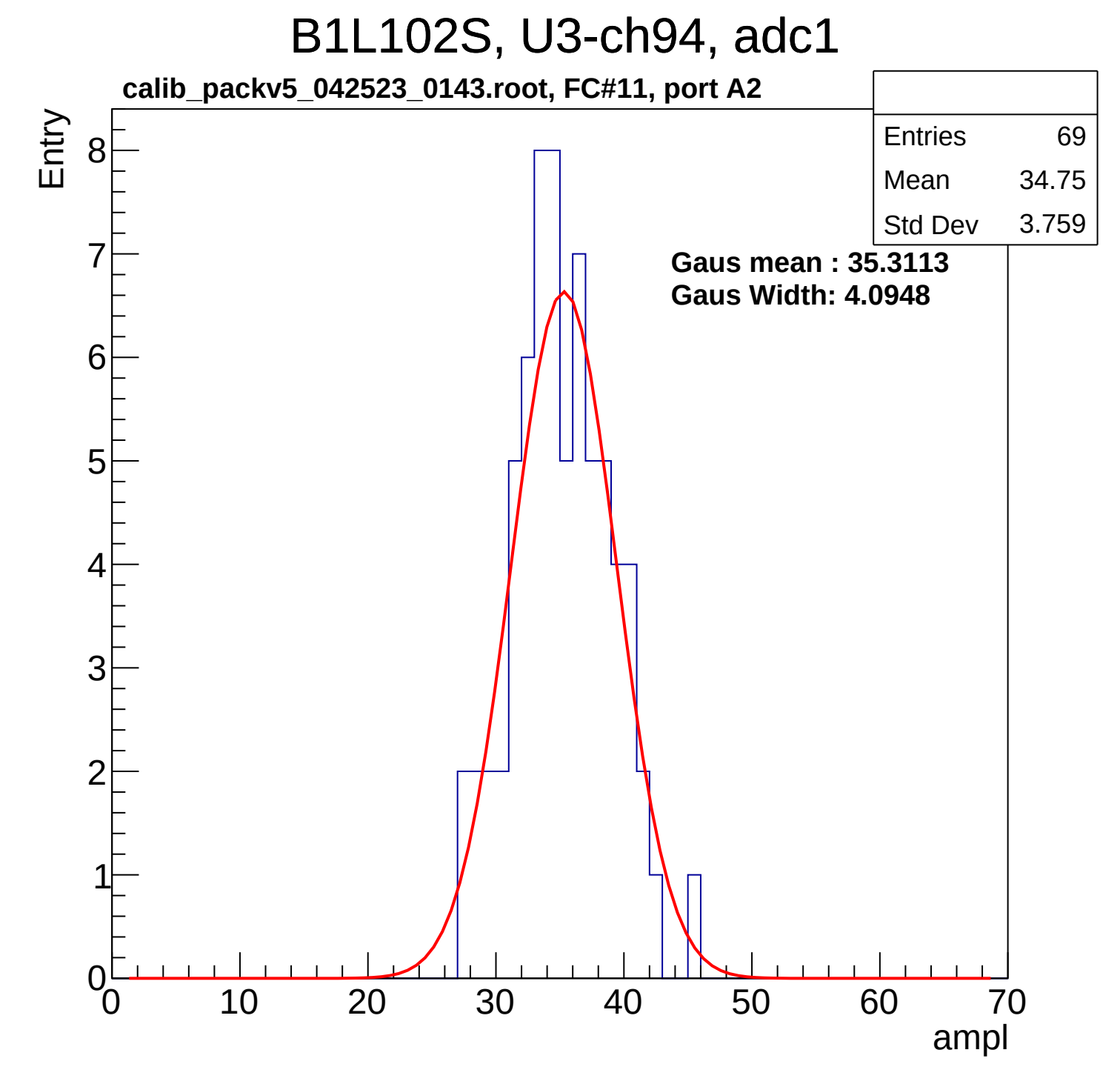

B1L102S, U3-ch93, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 54.47
Std Dev 3.311
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

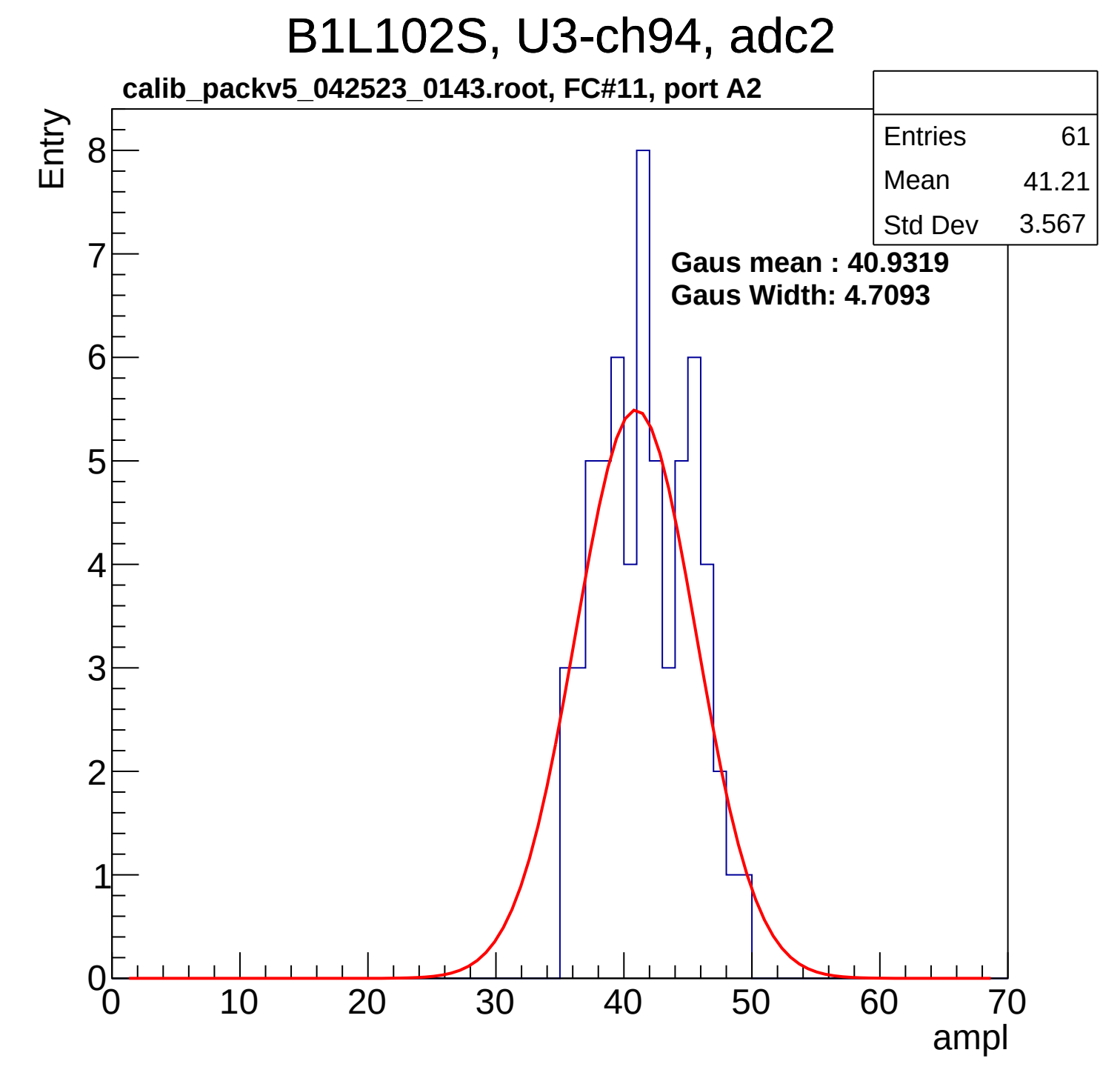

B1L102S, U3-ch93, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 57.87
Std Dev 8.927
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

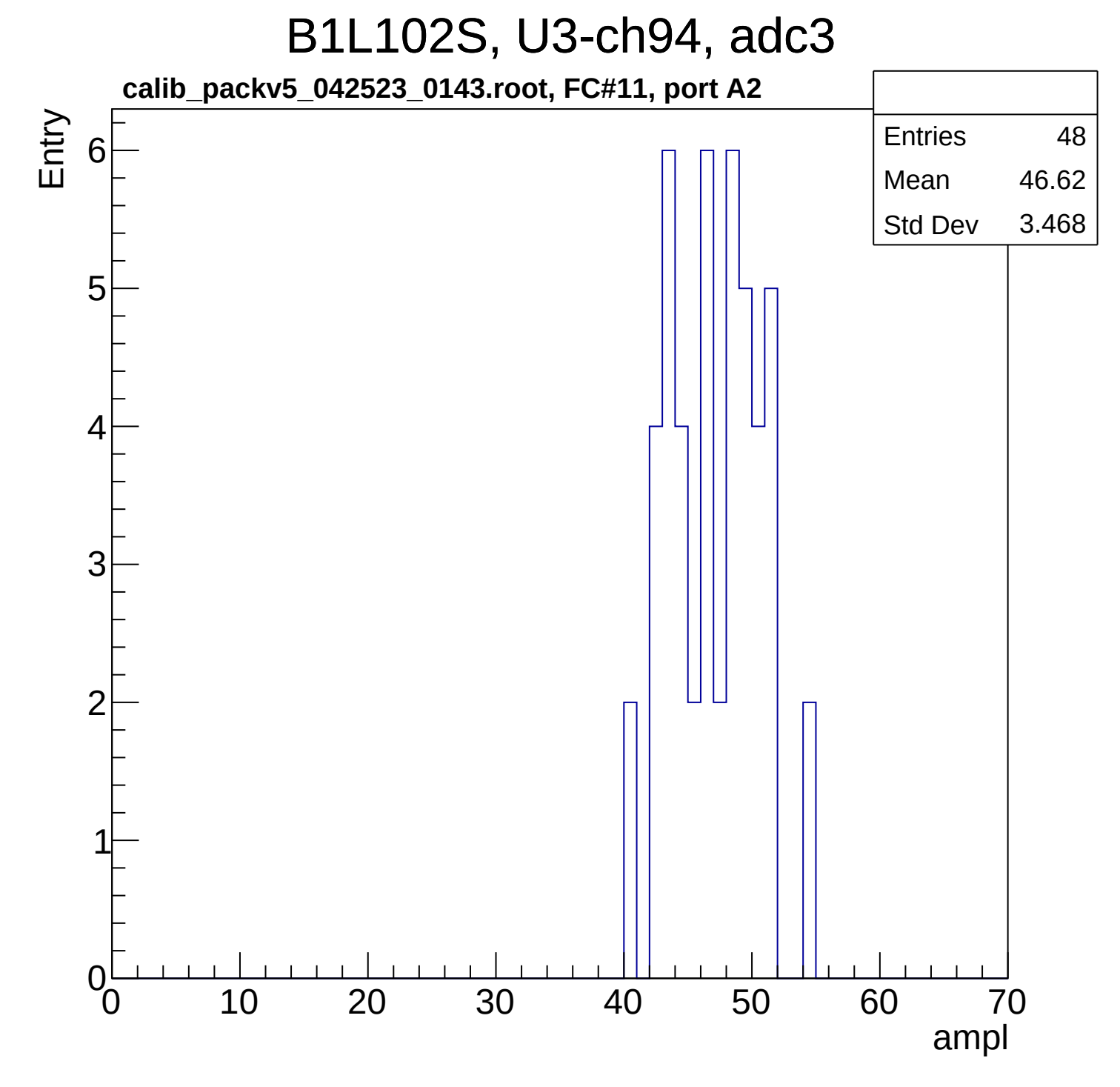

B1L102S, U3-ch93, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 61.53
Std Dev 1.36
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

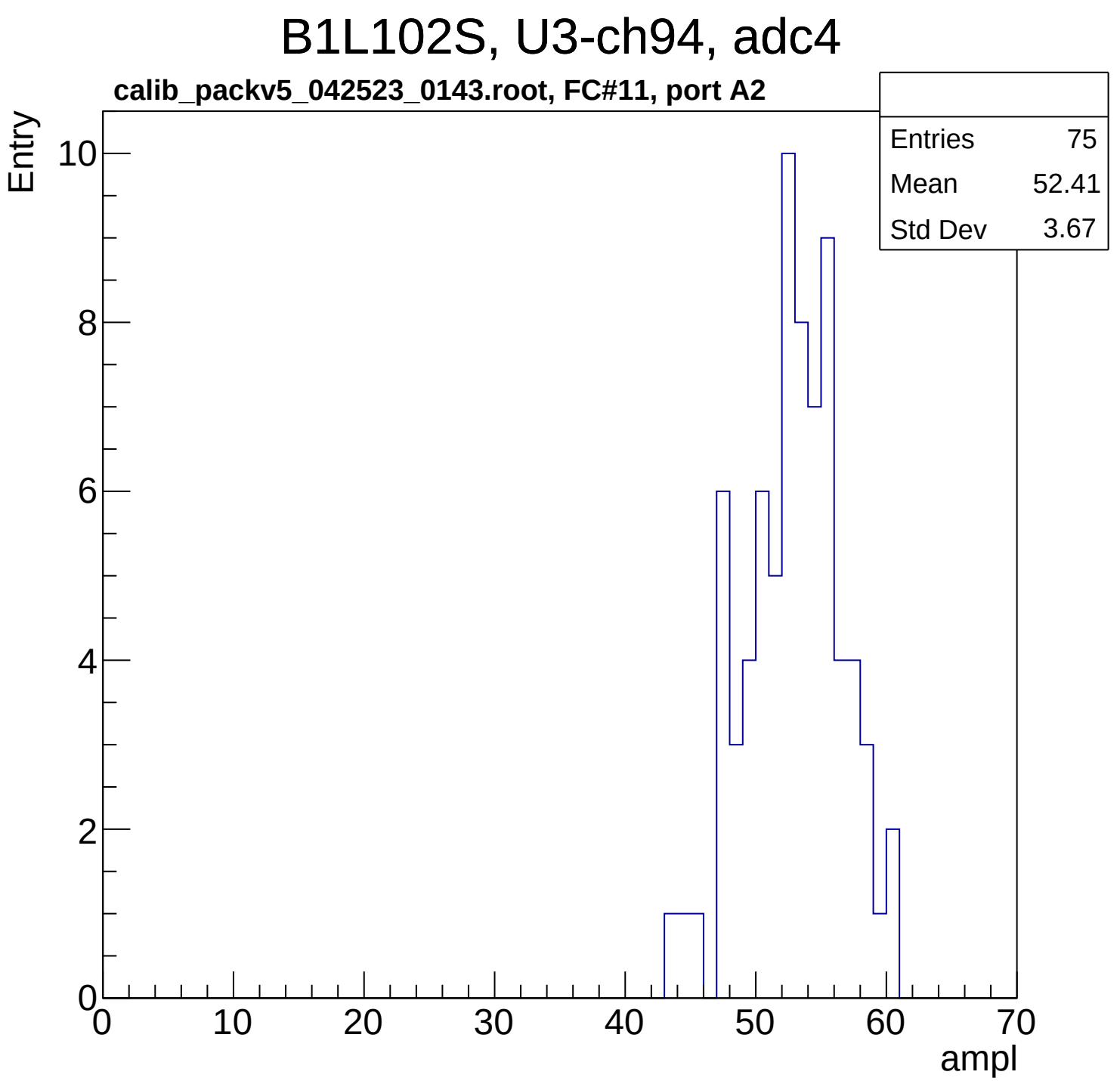

B1L102S, U3-ch93, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

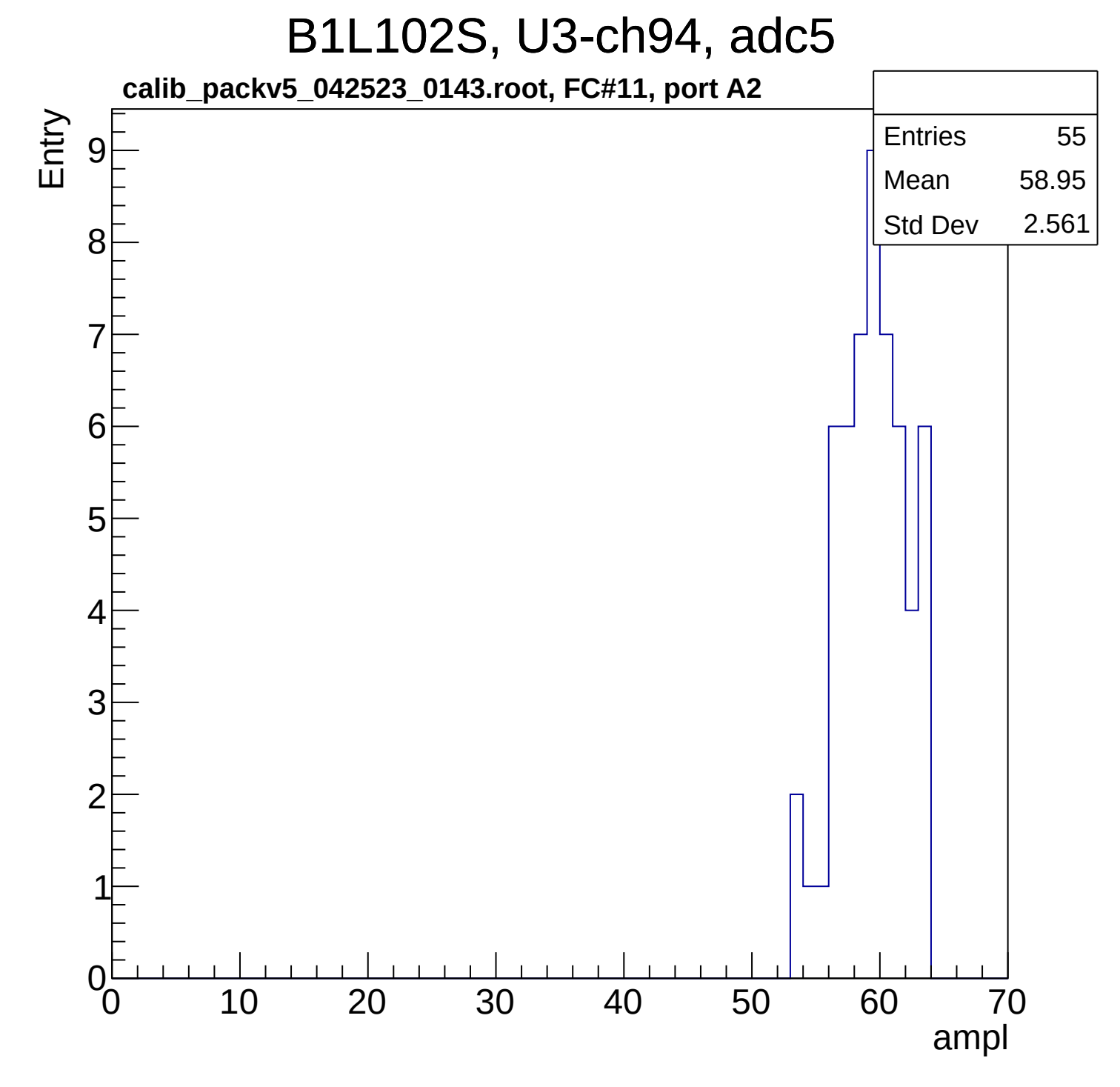

B1L102S, U3-ch94, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 26.92
Std Dev 7.351
Gaus mean : 28.8729
Gaus Width: 4.0965
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

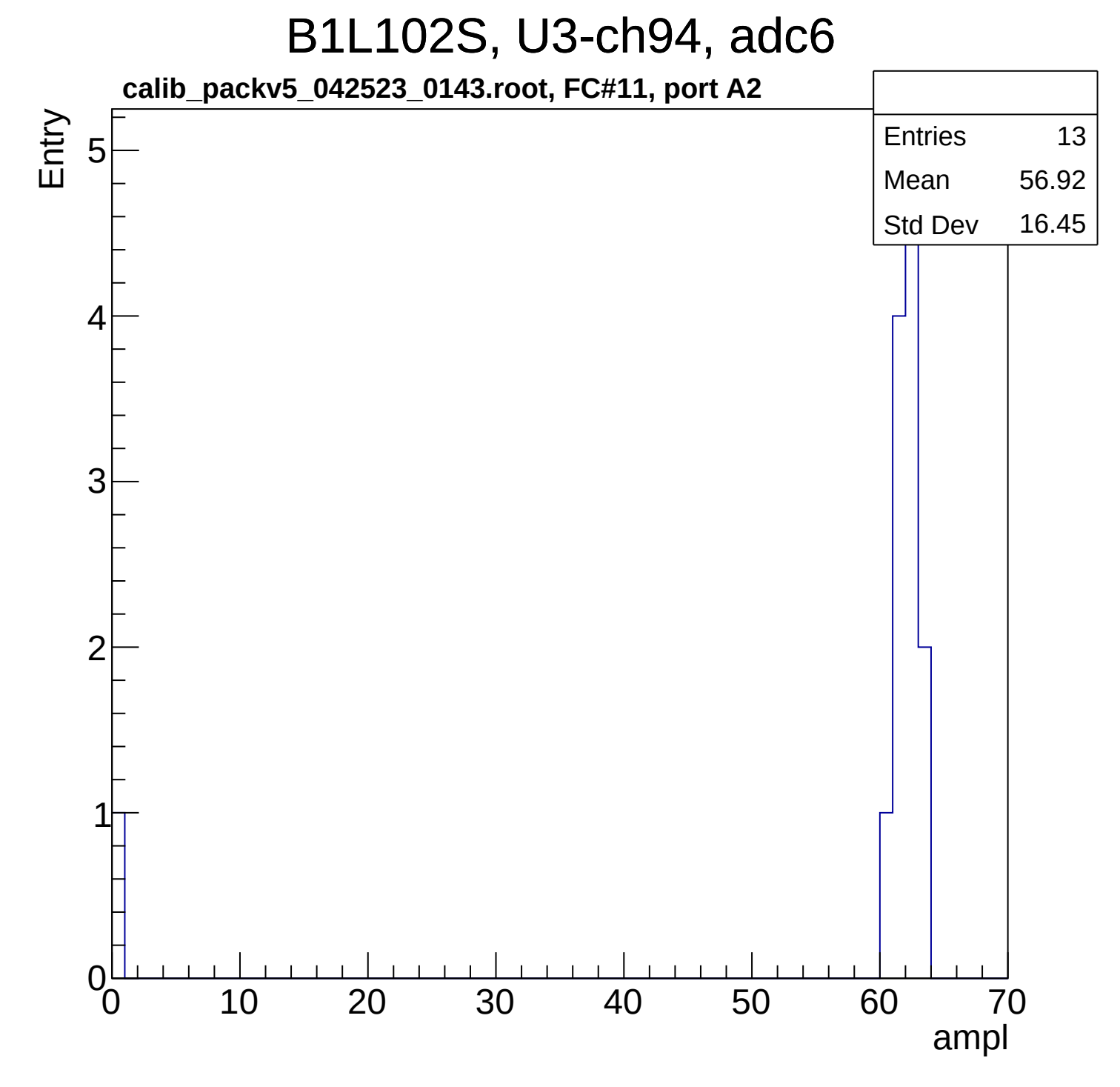

B1L102S, U3-ch94, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 34.75
Std Dev 3.759
Gaus mean : 35.3113
Gaus Width: 4.0948
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

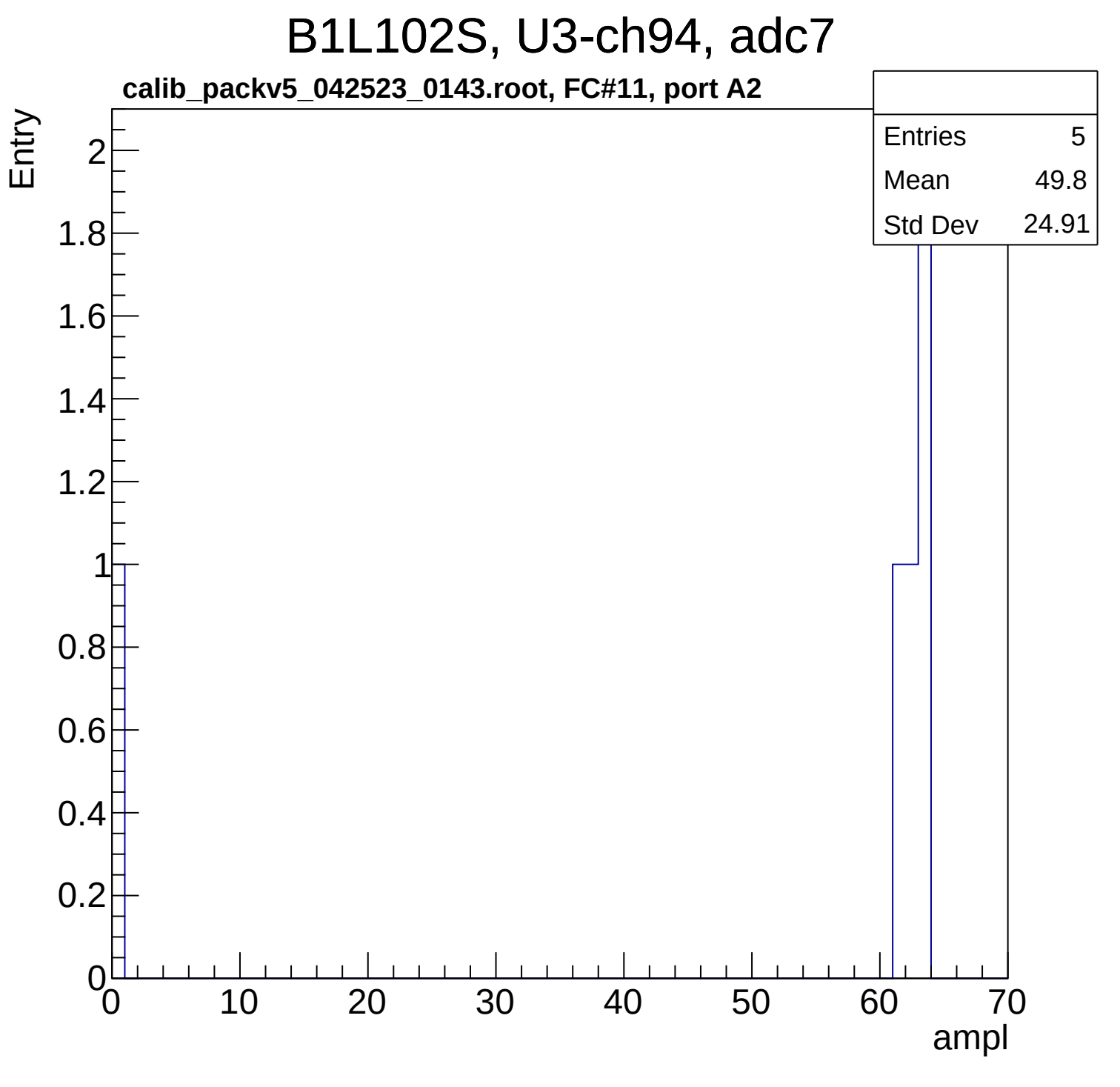

B1L102S, U3-ch94, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 41.21
Std Dev 3.567
Gaus mean : 40.9319
Gaus Width: 4.7093
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

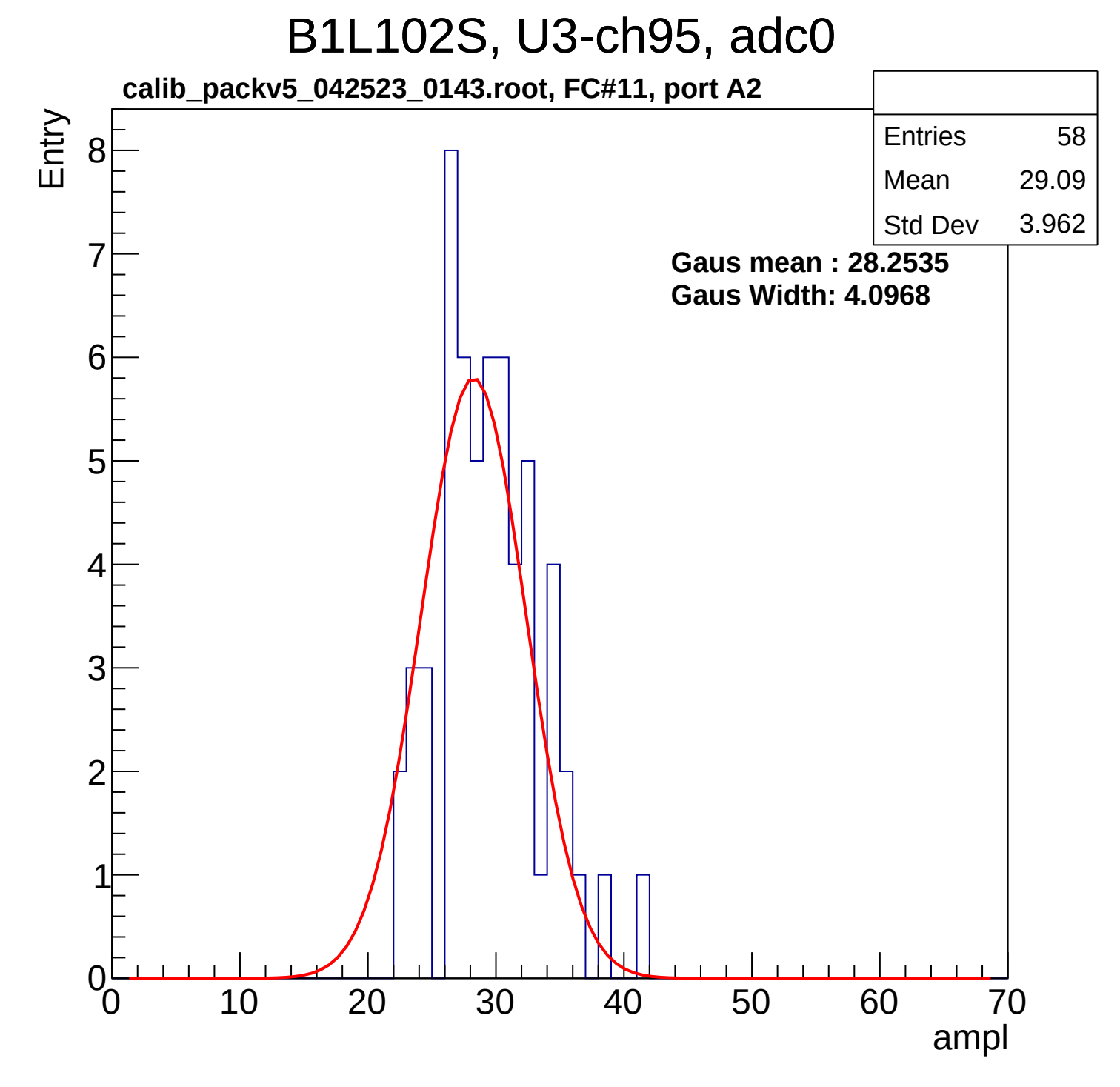

B1L102S, U3-ch94, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 46.62
Std Dev 3.468
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

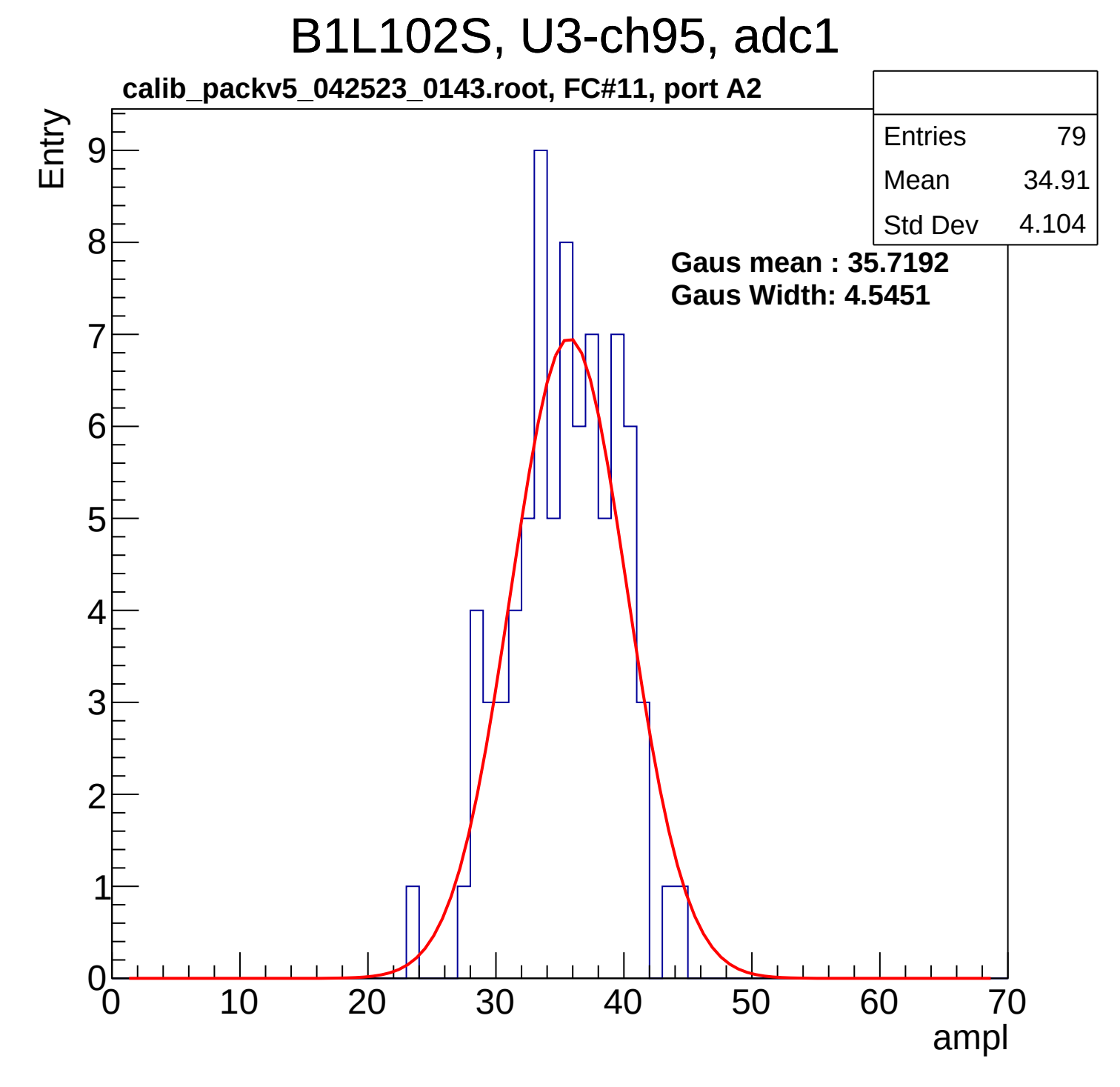

B1L102S, U3-ch94, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 52.41
Std Dev 3.67
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

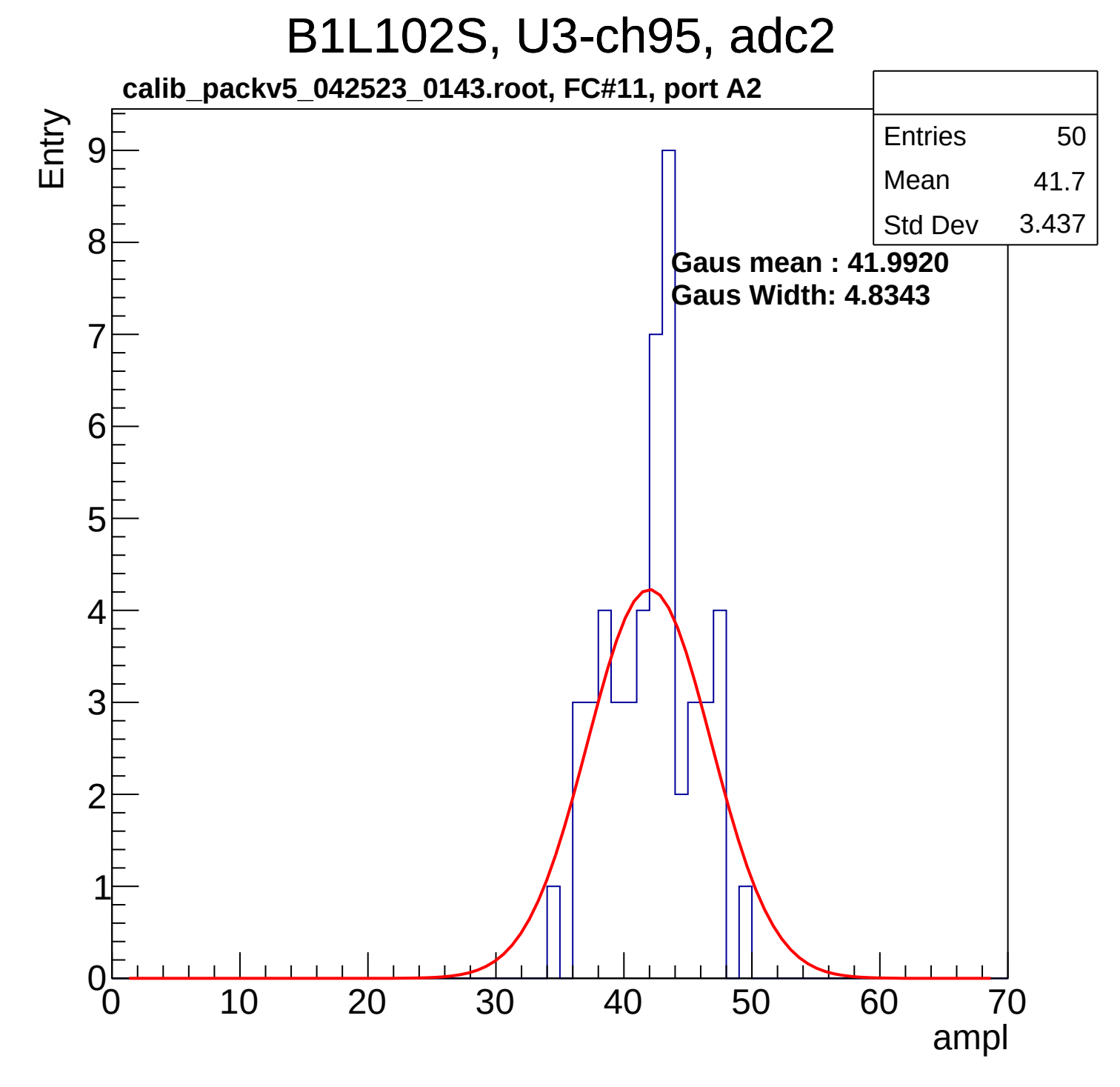

B1L102S, U3-ch94, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 58.95
Std Dev 2.561
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

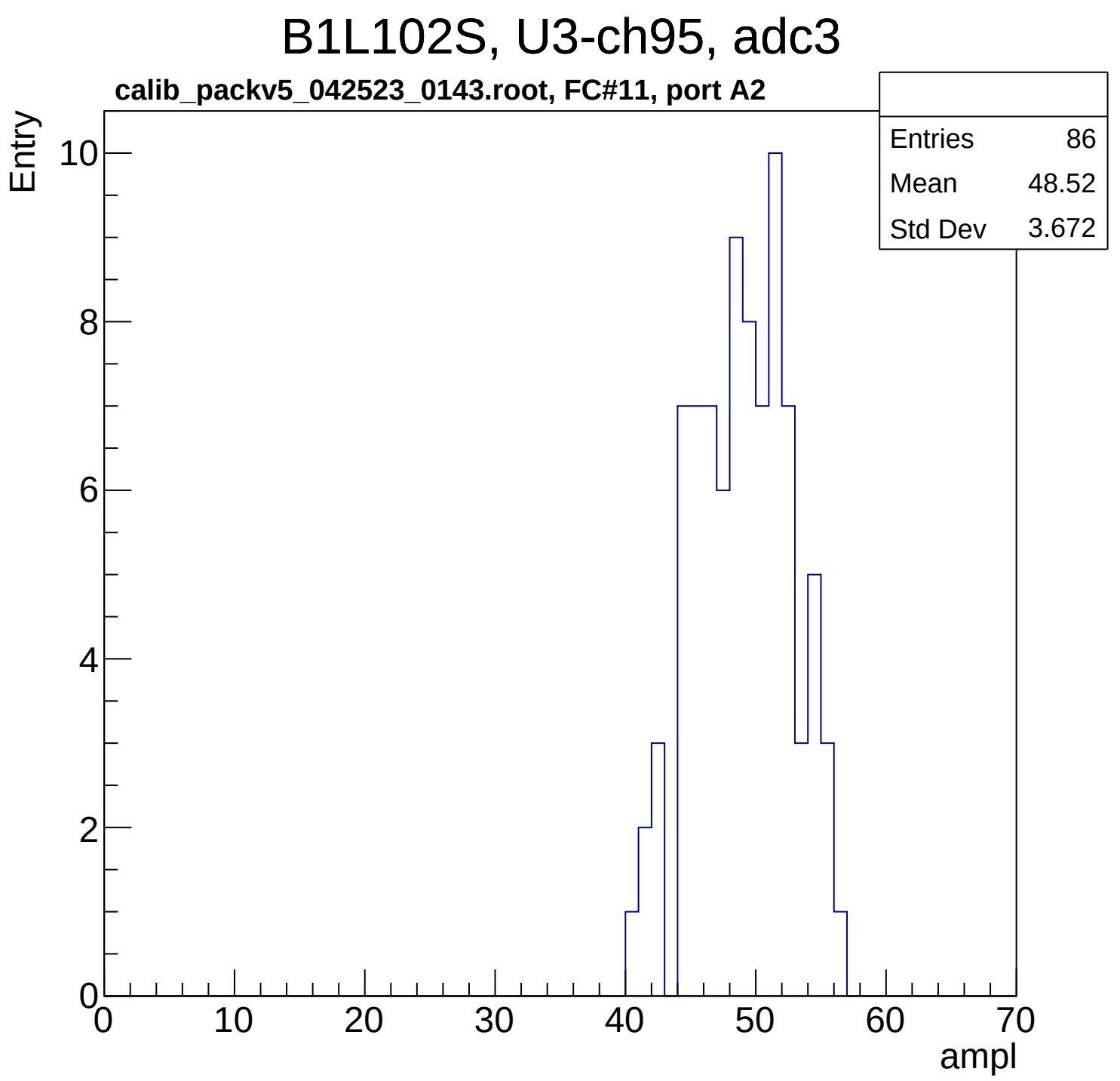

B1L102S, U3-ch94, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 56.92
Std Dev 16.45
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

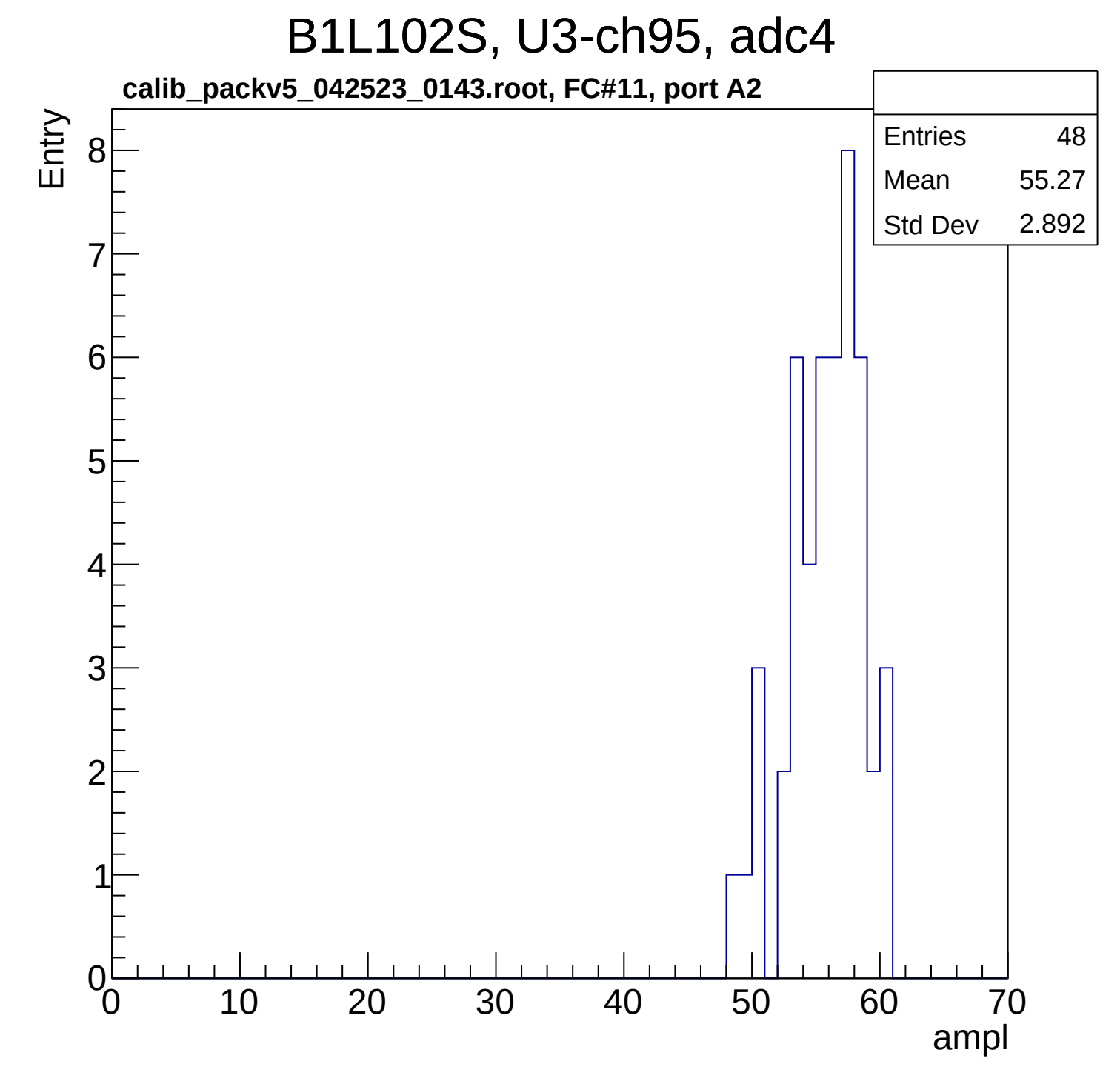

B1L102S, U3-ch94, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 49.8
Std Dev 24.91
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

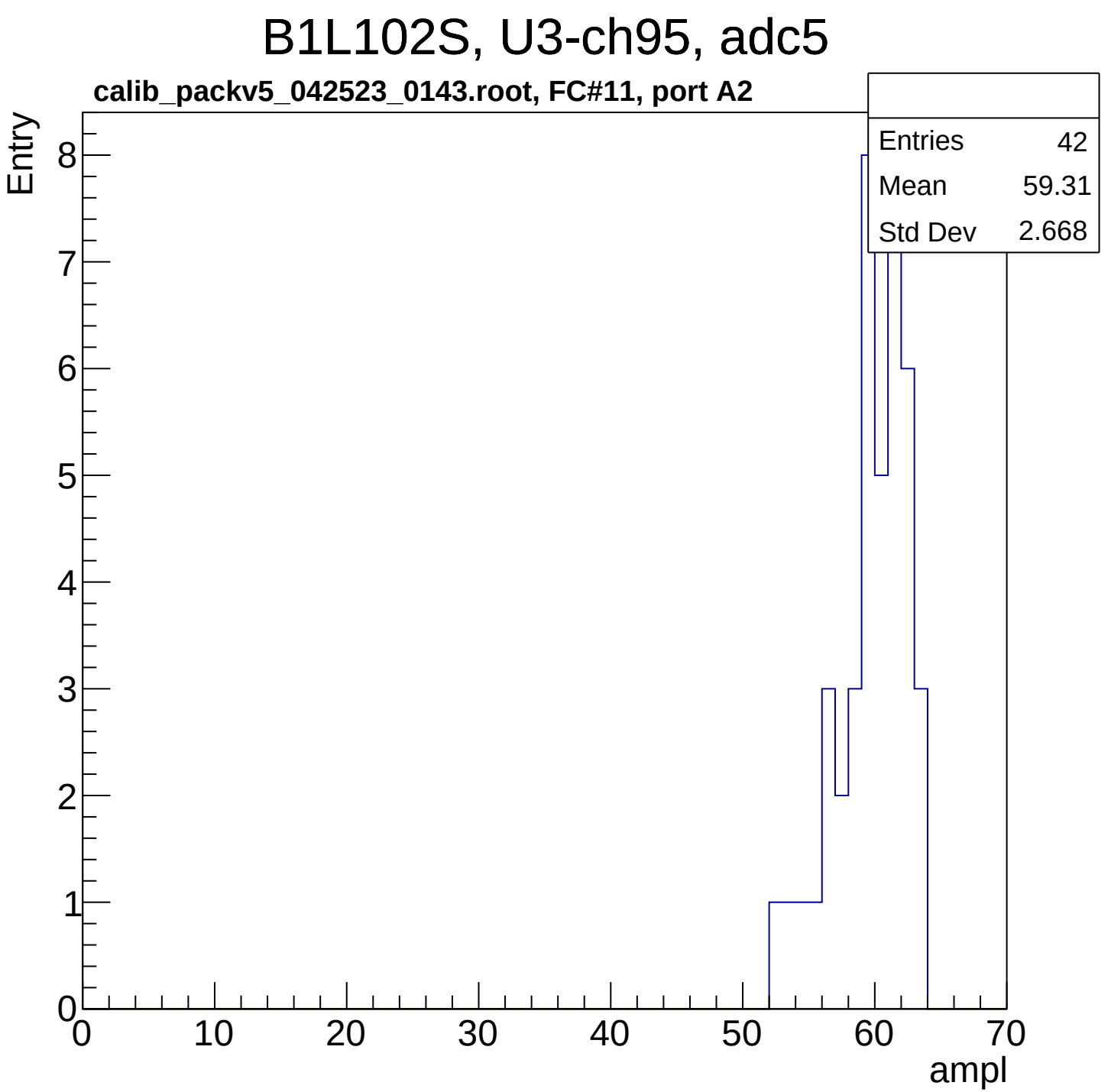

B1L102S, U3-ch95, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 29.09
Std Dev 3.962
Gaus mean : 28.2535
Gaus Width: 4.0968
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

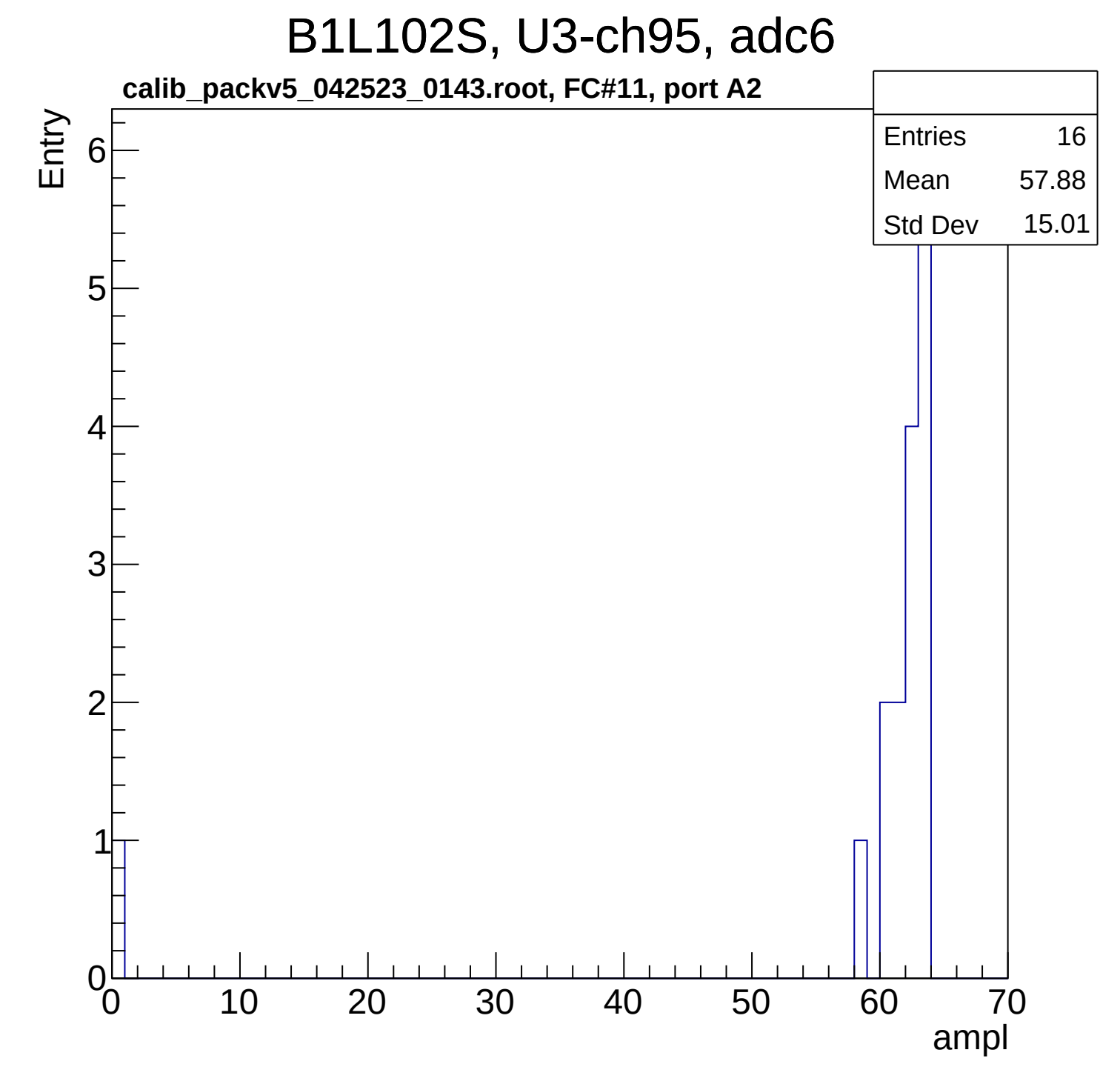

B1L102S, U3-ch95, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 34.91
Std Dev 4.104
Gaus mean : 35.7192
Gaus Width: 4.5451
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

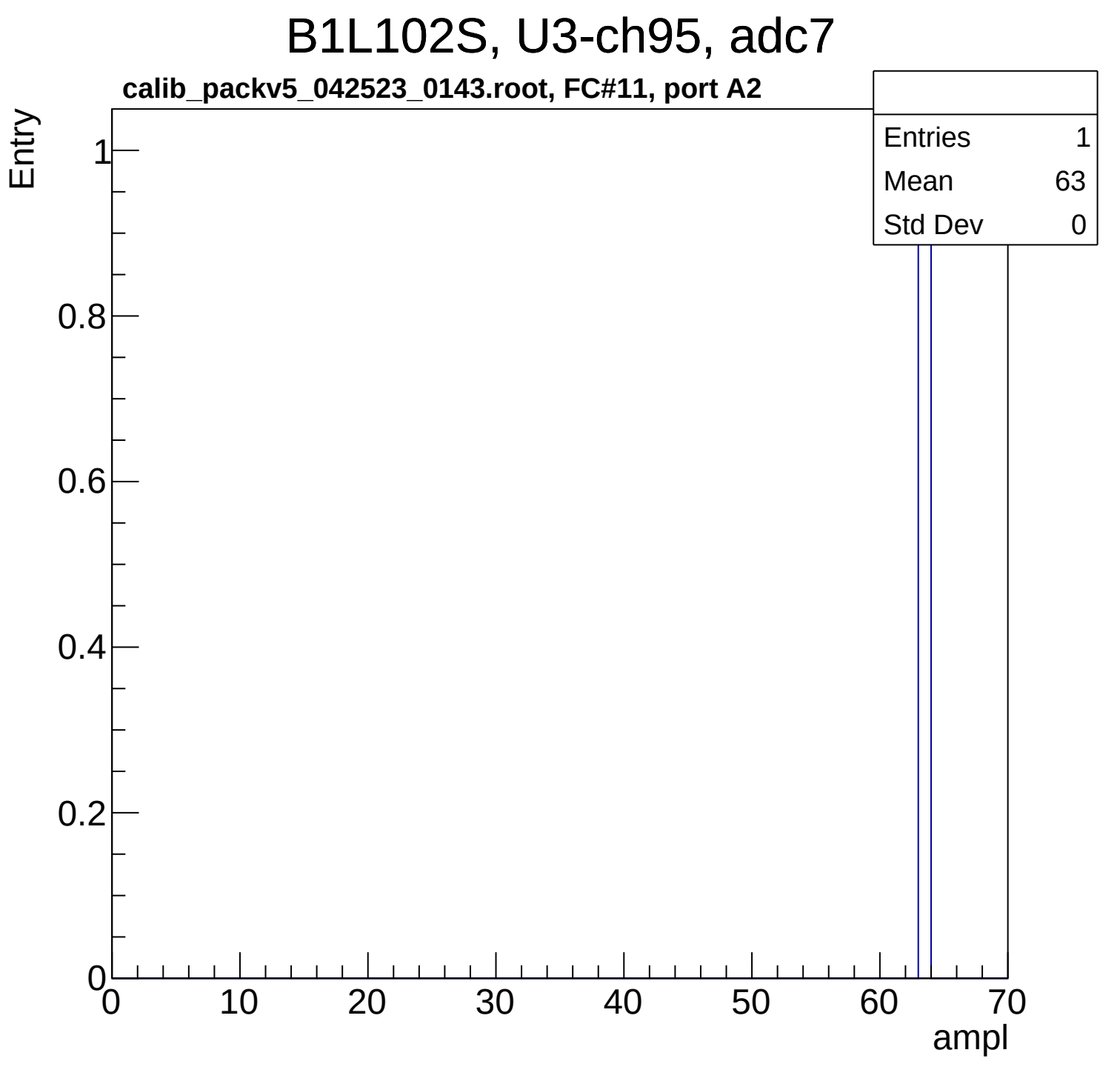

B1L102S, U3-ch95, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 41.7
Std Dev 3.437
Gaus mean : 41.9920
Gaus Width: 4.8343
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

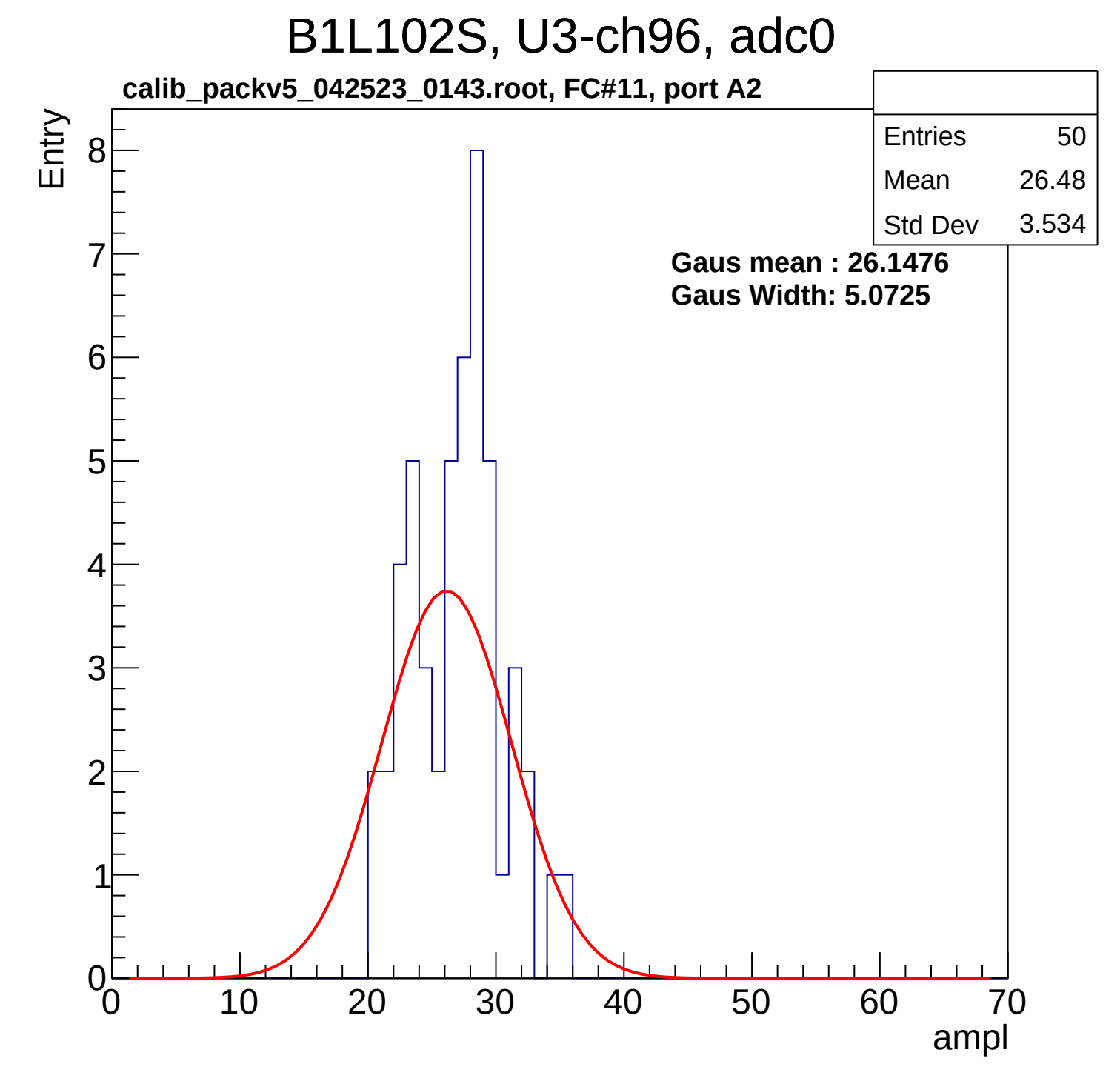

B1L102S, U3-ch95, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 86
Mean 48.52
Std Dev 3.672
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

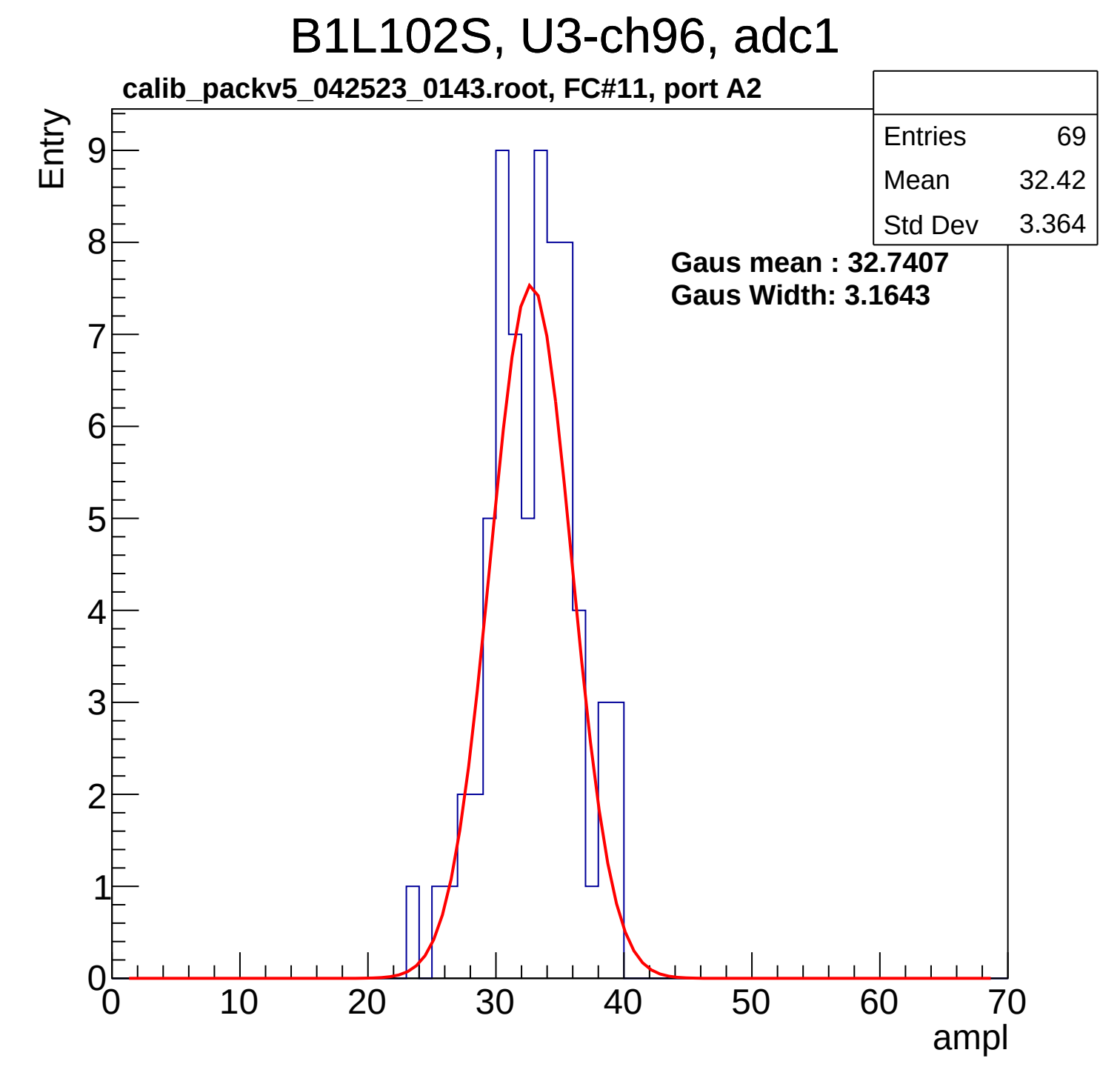

B1L102S, U3-ch95, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 55.27
Std Dev 2.892
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

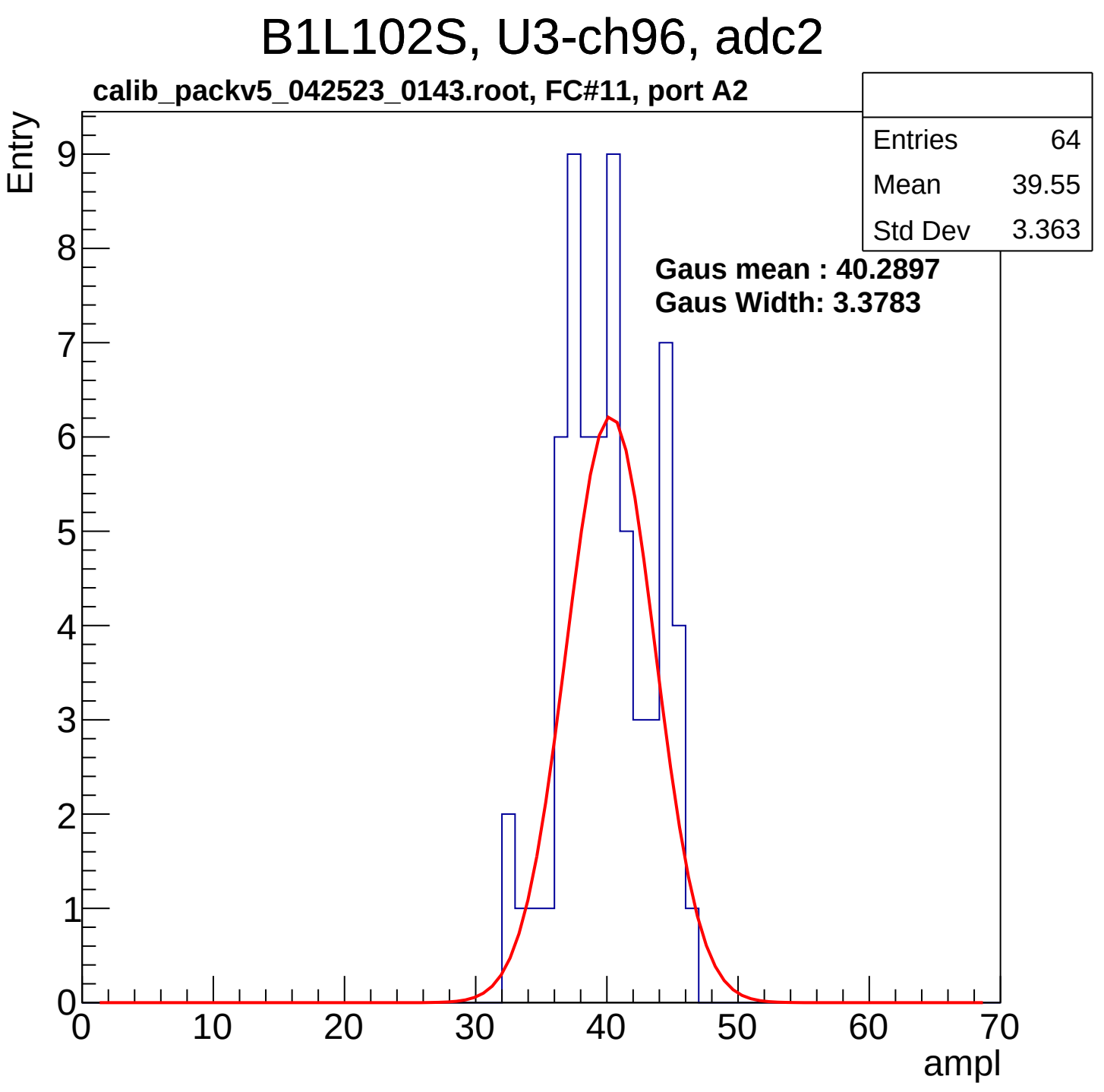

B1L102S, U3-ch95, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 59.31
Std Dev 2.668
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch95, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 16
Mean 57.88
Std Dev 15.01
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch95, 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, U3-ch96, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 26.48
Std Dev 3.534
Gaus mean : 26.1476
Gaus Width: 5.0725
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch96, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 32.42
Std Dev 3.364
Gaus mean : 32.7407
Gaus Width: 3.1643
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch96, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 39.55
Std Dev 3.363
Gaus mean : 40.2897
Gaus Width: 3.3783
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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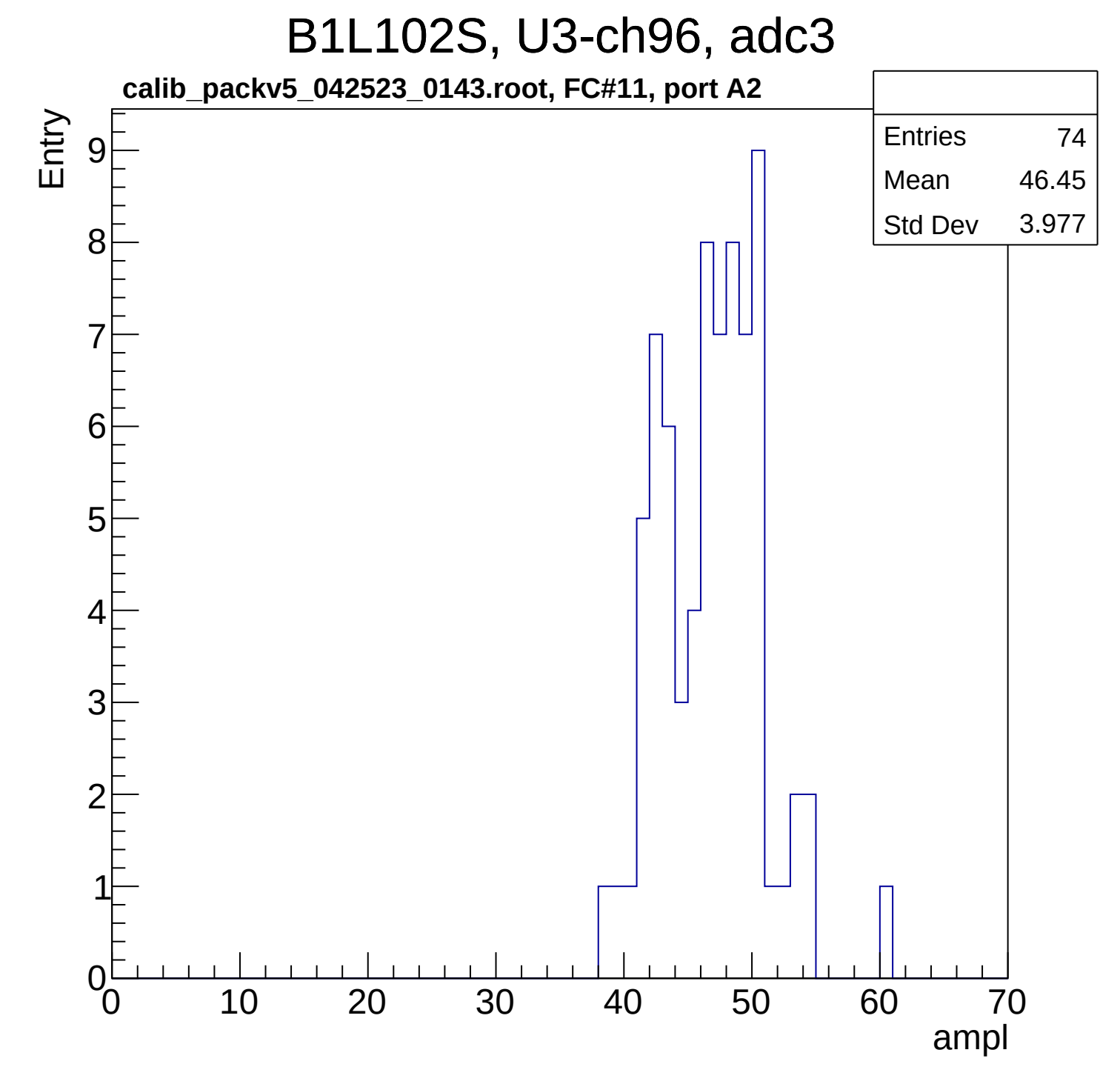
B1L102S, U3-ch96, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 46.45
Std Dev 3.977
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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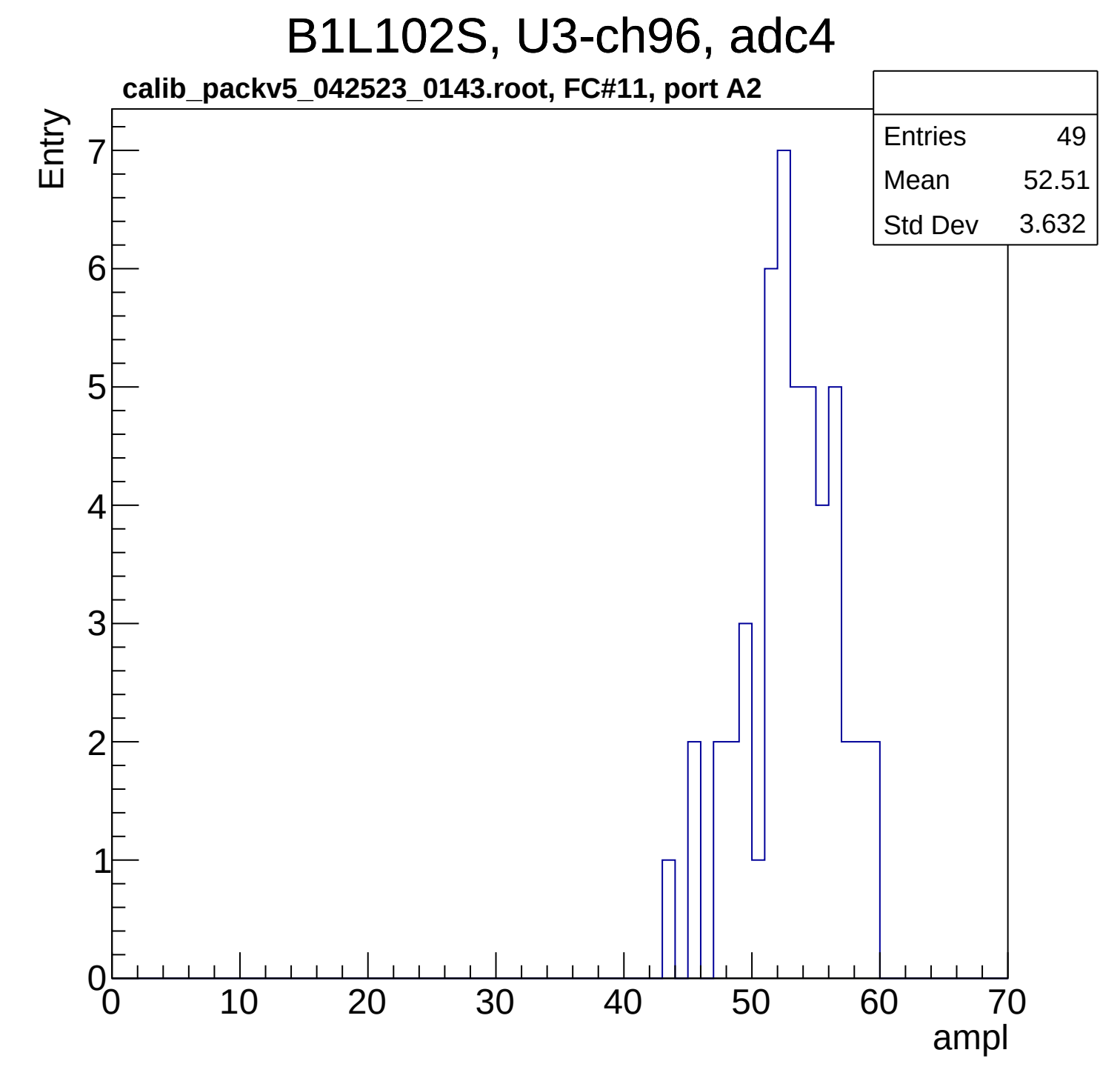
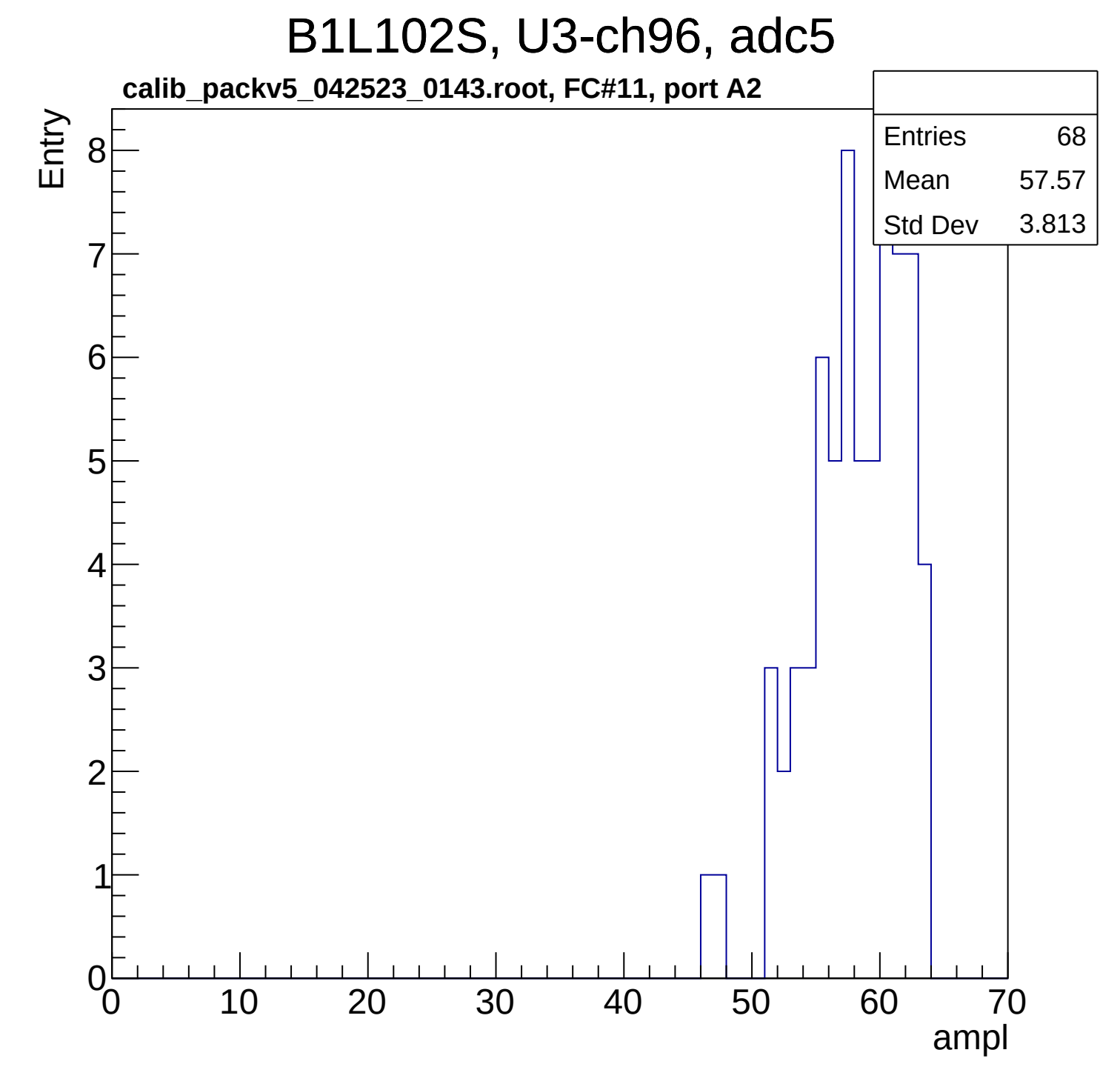

B1L102S, U3-ch96, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 52.51
Std Dev 3.632
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch96, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 57.57
Std Dev 3.813
Entry
ampl
0
1
2
3
4
5
6
7
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0
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20
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40
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60
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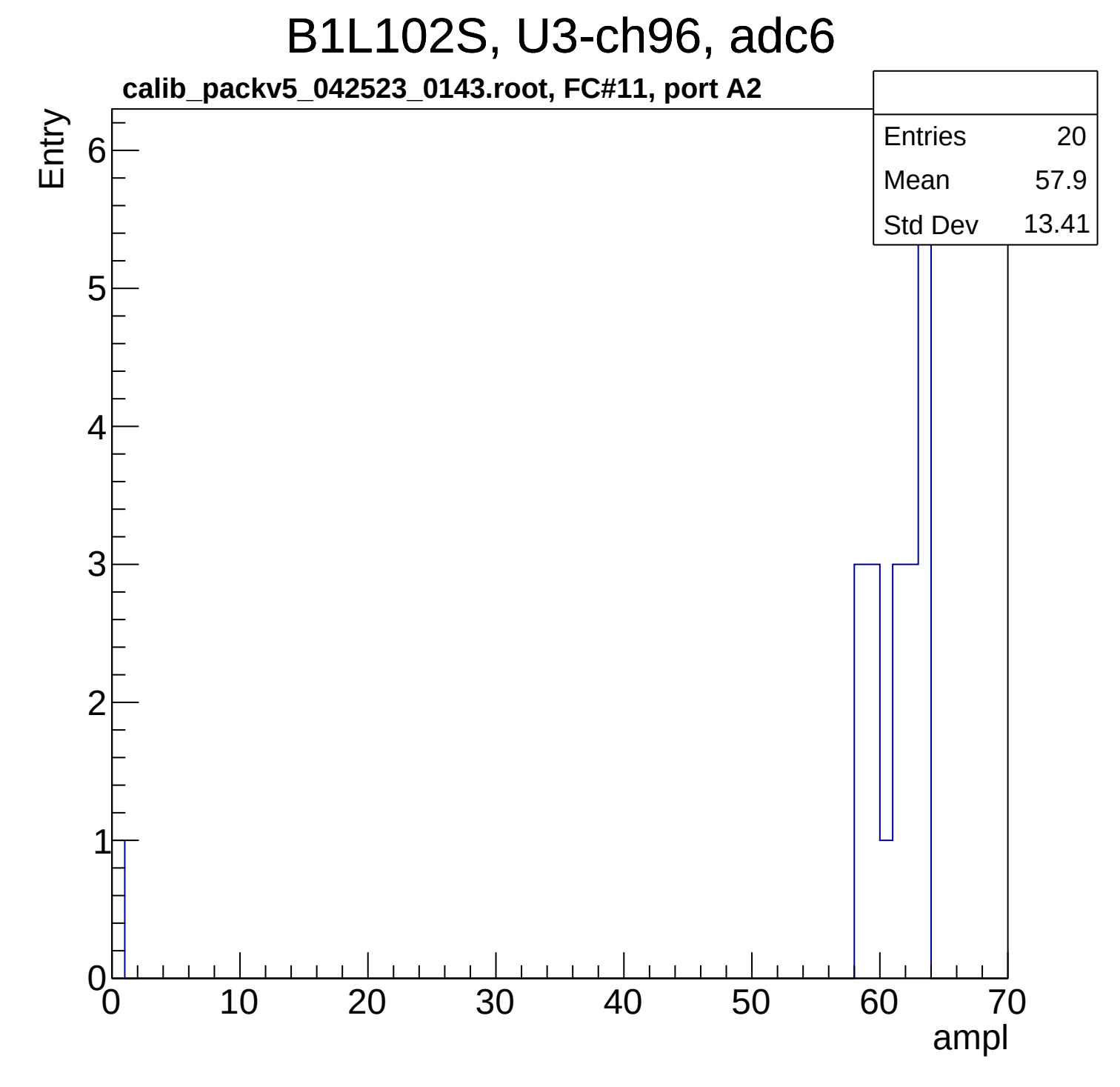
B1L102S, U3-ch96, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 20
Mean 57.9
Std Dev 13.41
Entry
ampl
0
1
2
3
4
5
6
0
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40
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60
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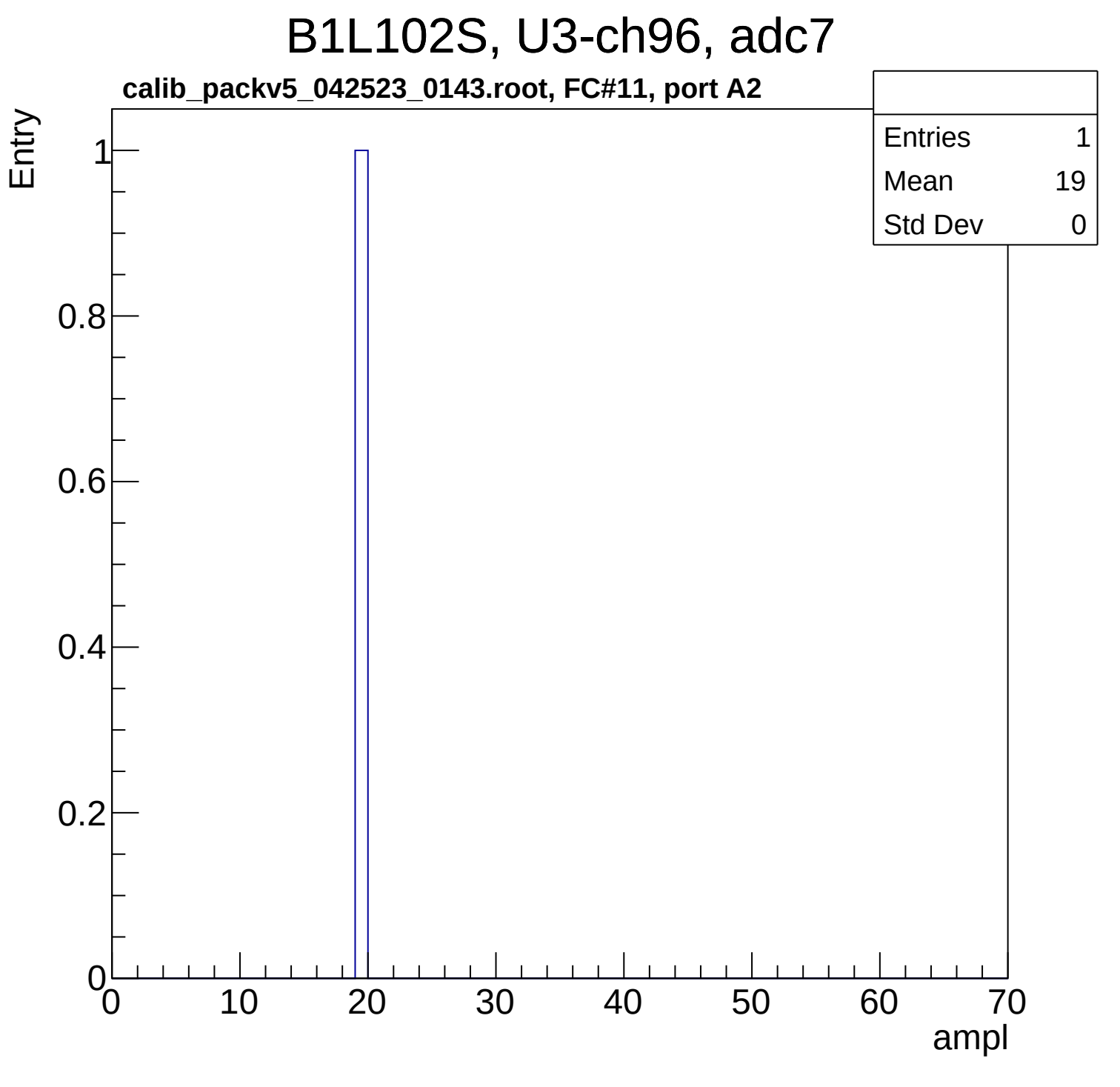
B1L102S, U3-ch96, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 19
Std Dev 0
Entry
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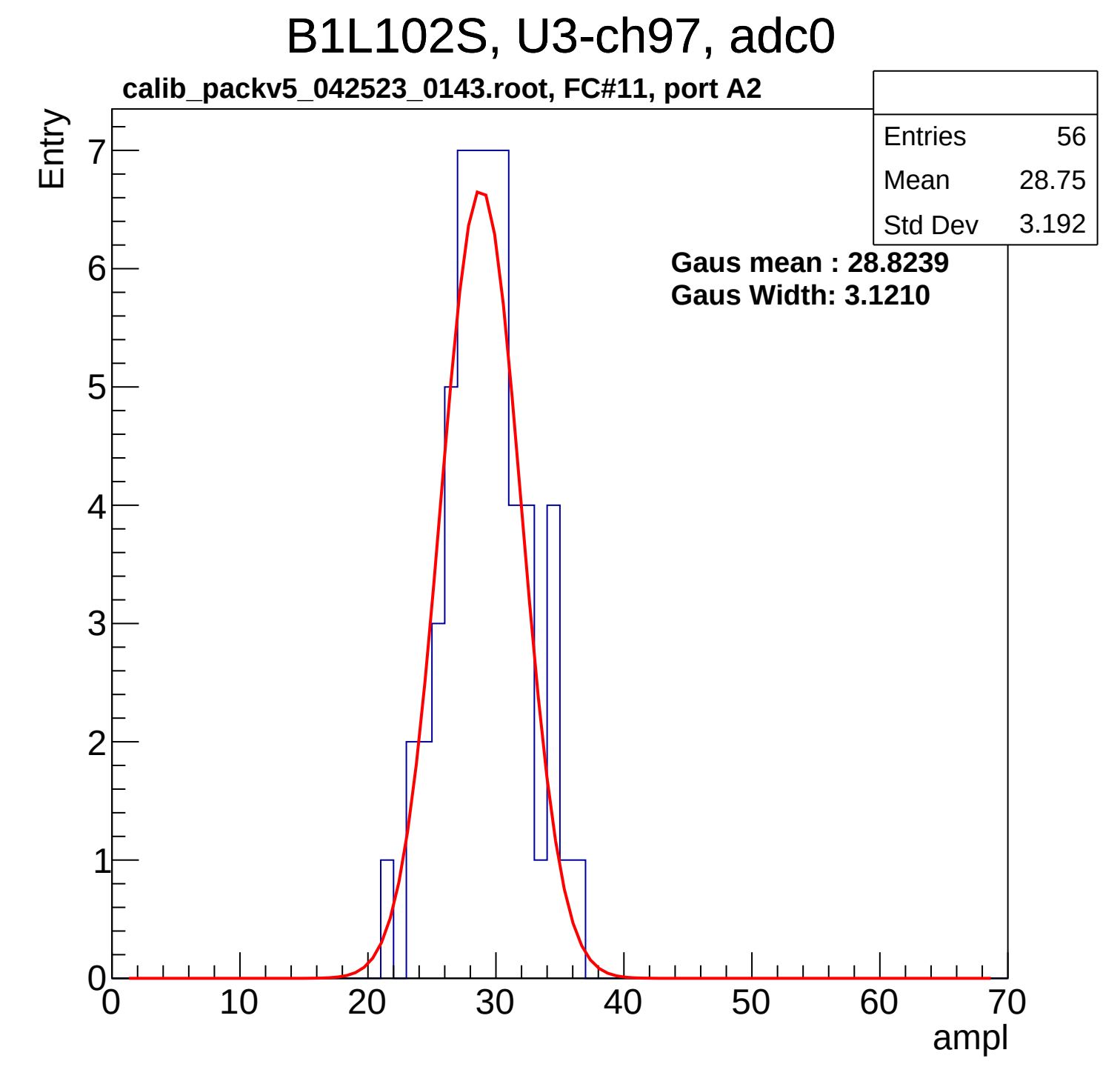
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch97, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 28.75
Std Dev 3.192
Gaus mean : 28.8239
Gaus Width: 3.1210
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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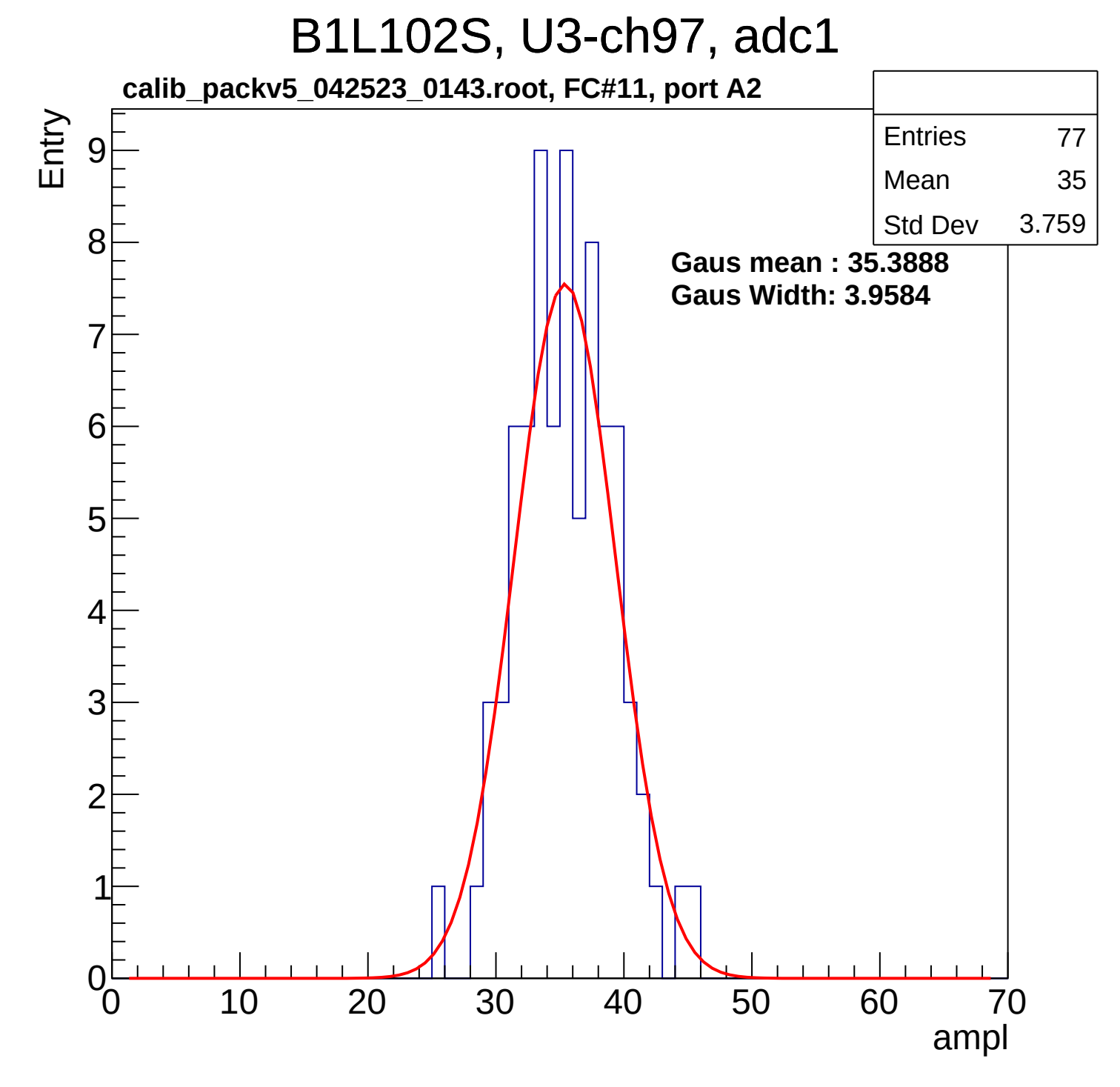
B1L102S, U3-ch97, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 35
Std Dev 3.759
Gaus mean : 35.3888
Gaus Width: 3.9584
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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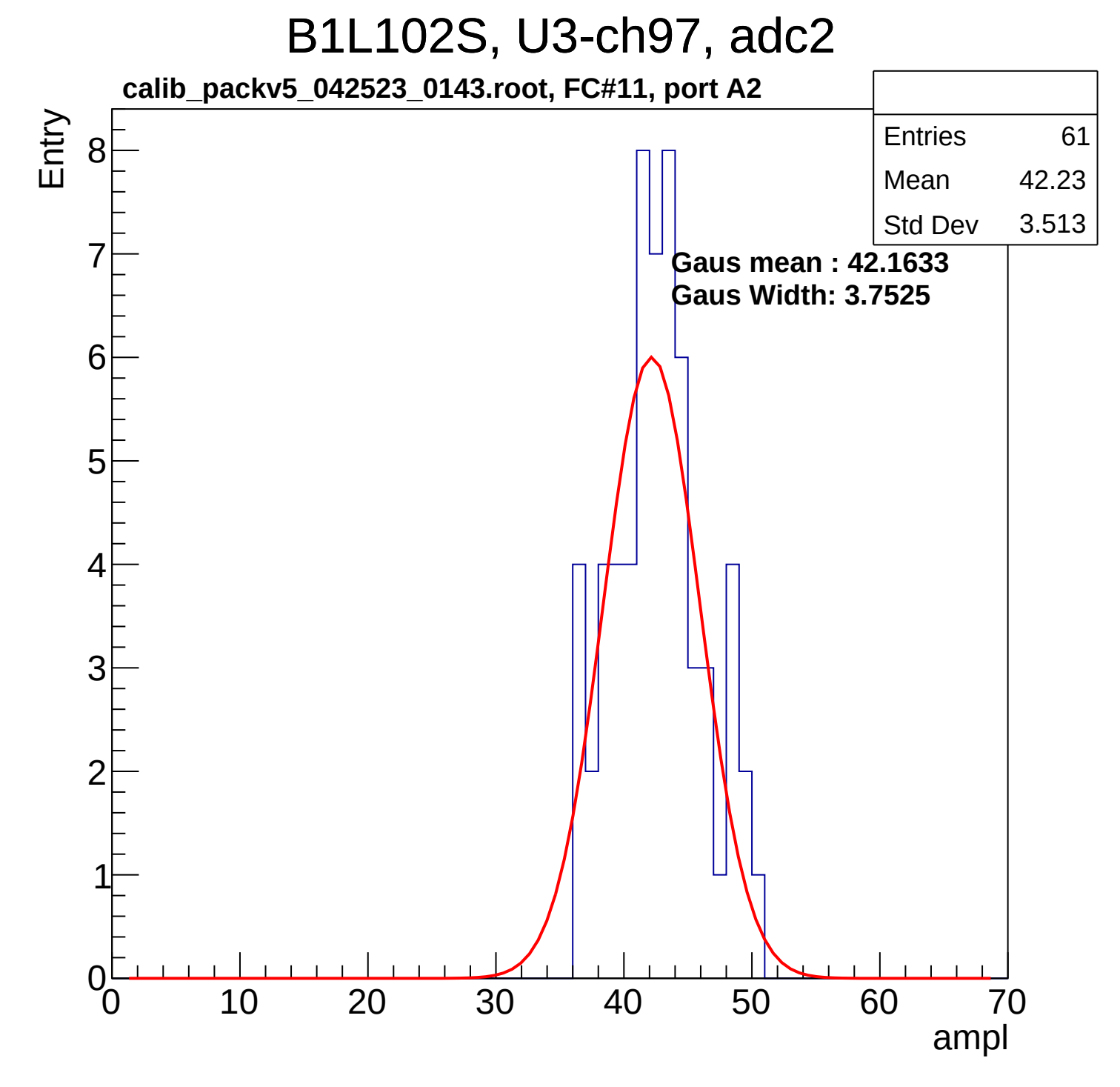
B1L102S, U3-ch97, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 42.23
Std Dev 3.513
Gaus mean : 42.1633
Gaus Width: 3.7525
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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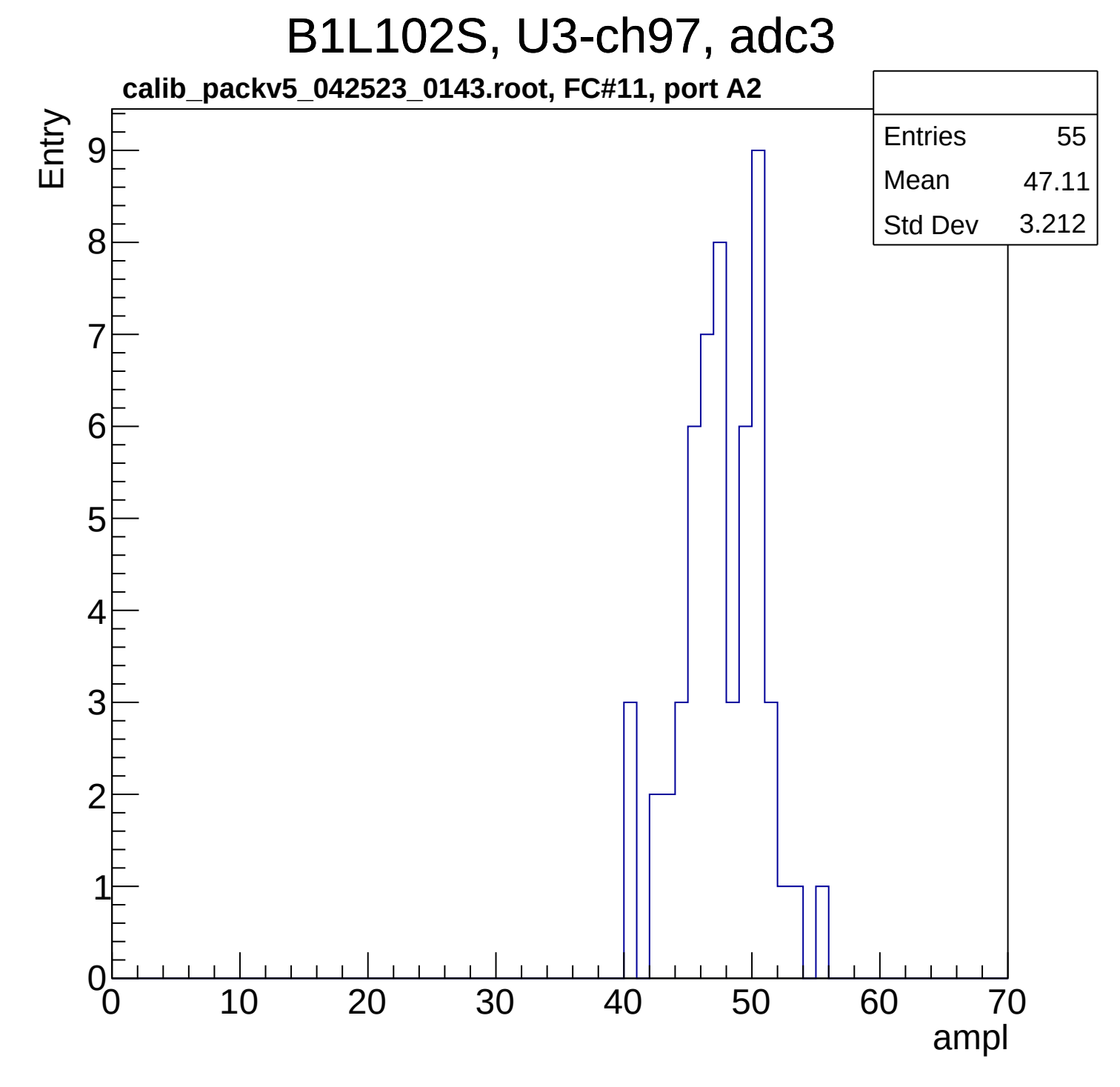
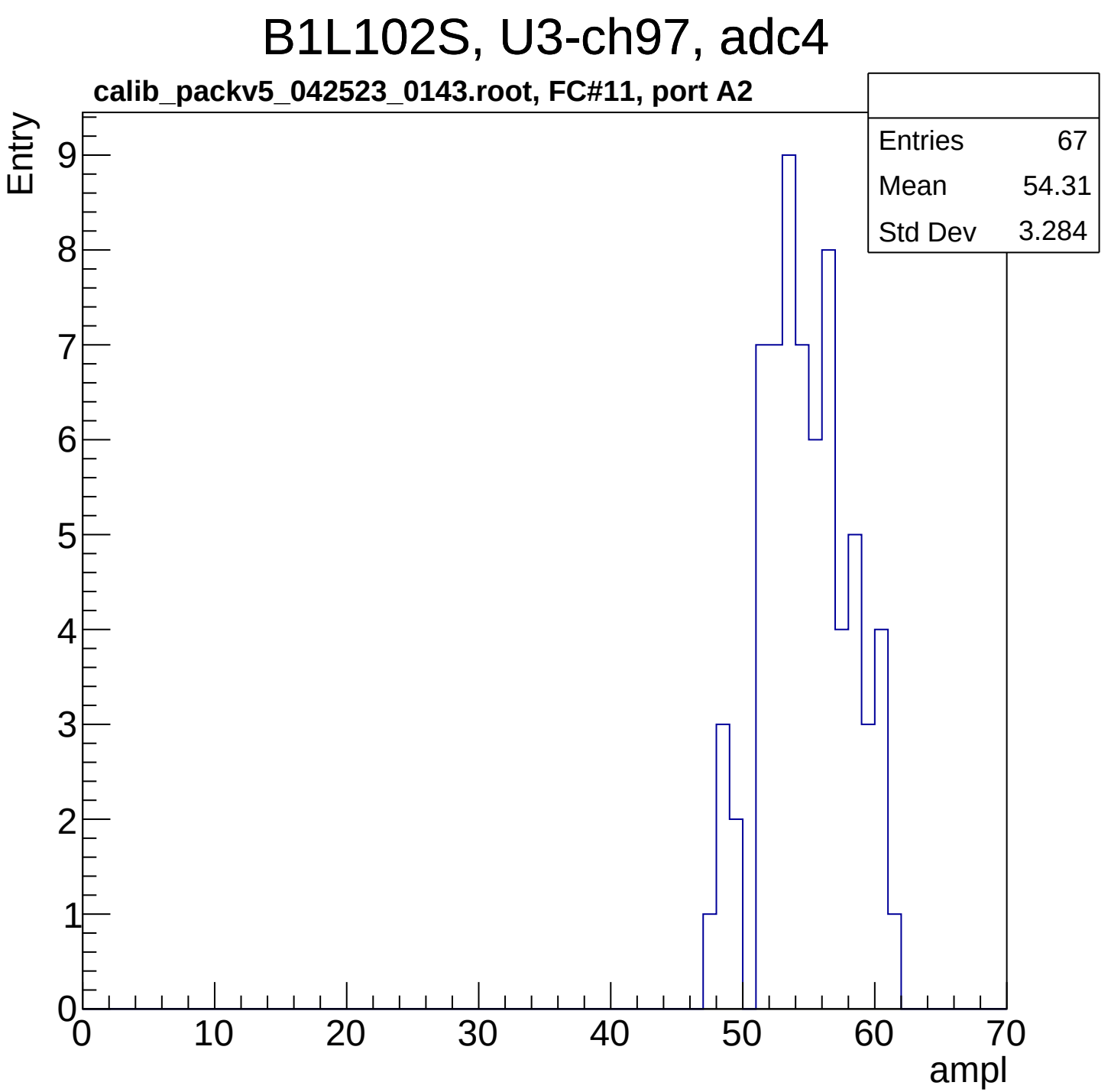
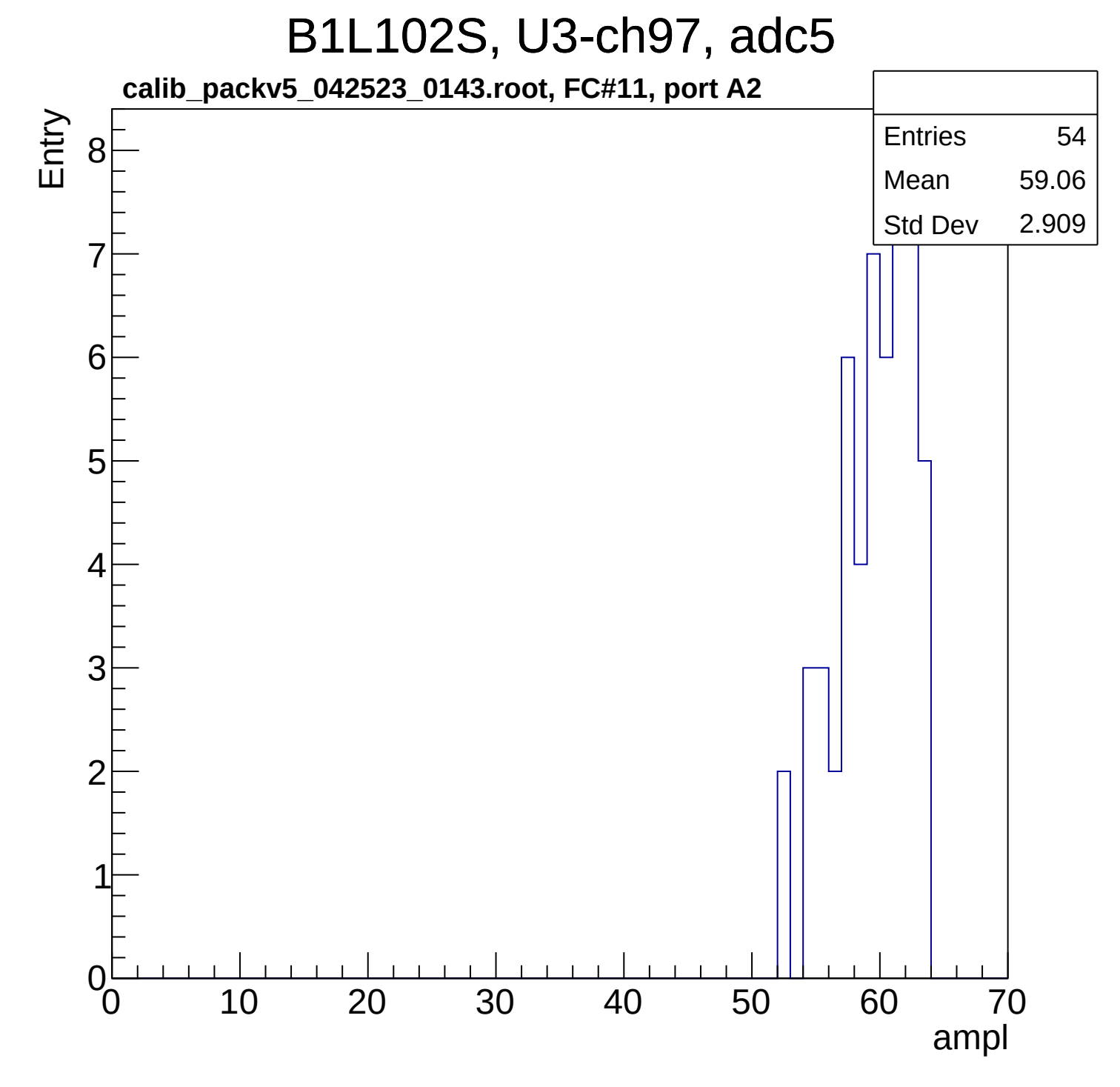

B1L102S, U3-ch97, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 47.11
Std Dev 3.212
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch97, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 54.31
Std Dev 3.284
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch97, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 59.06
Std Dev 2.909
Entry
ampl
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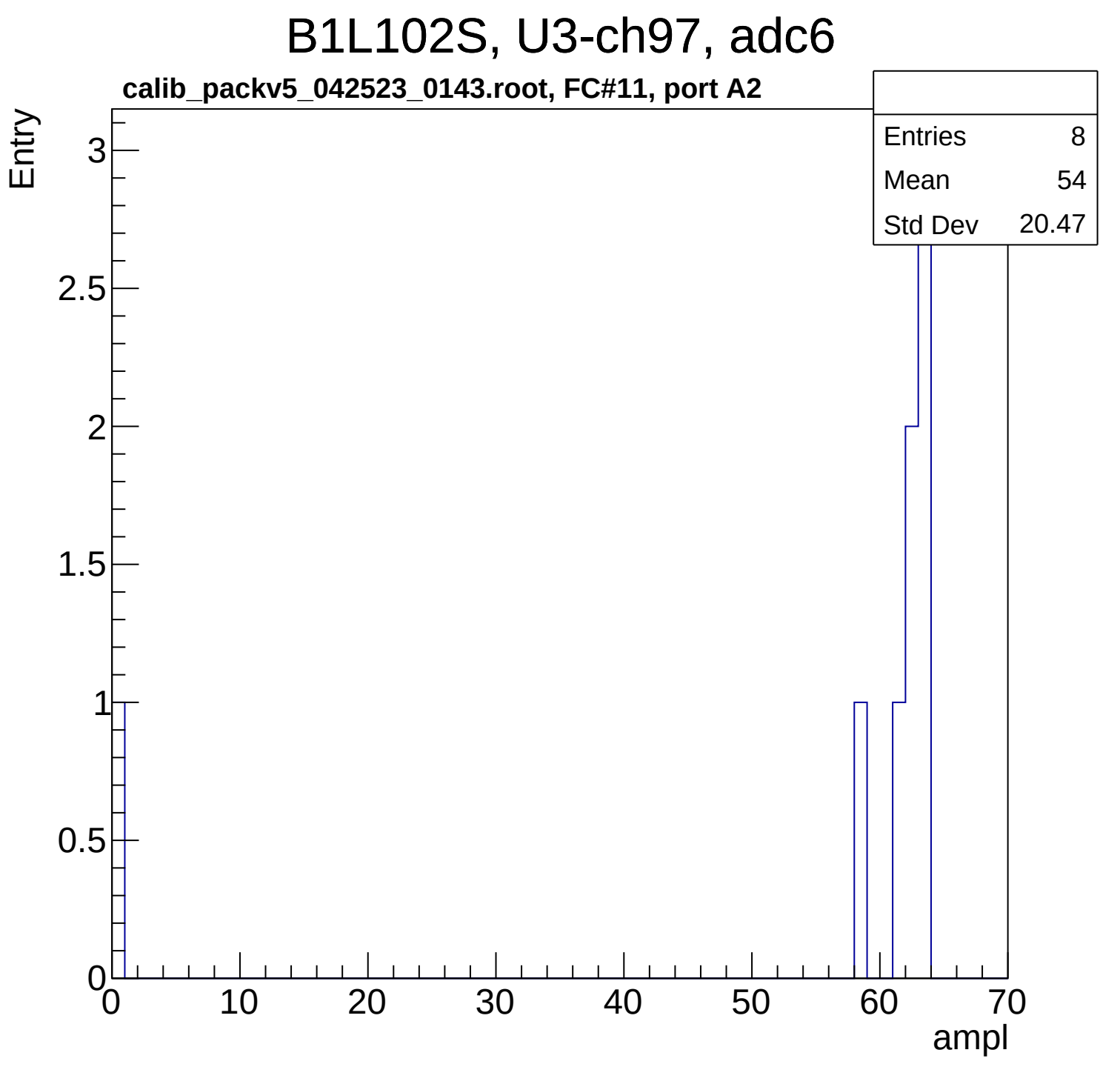
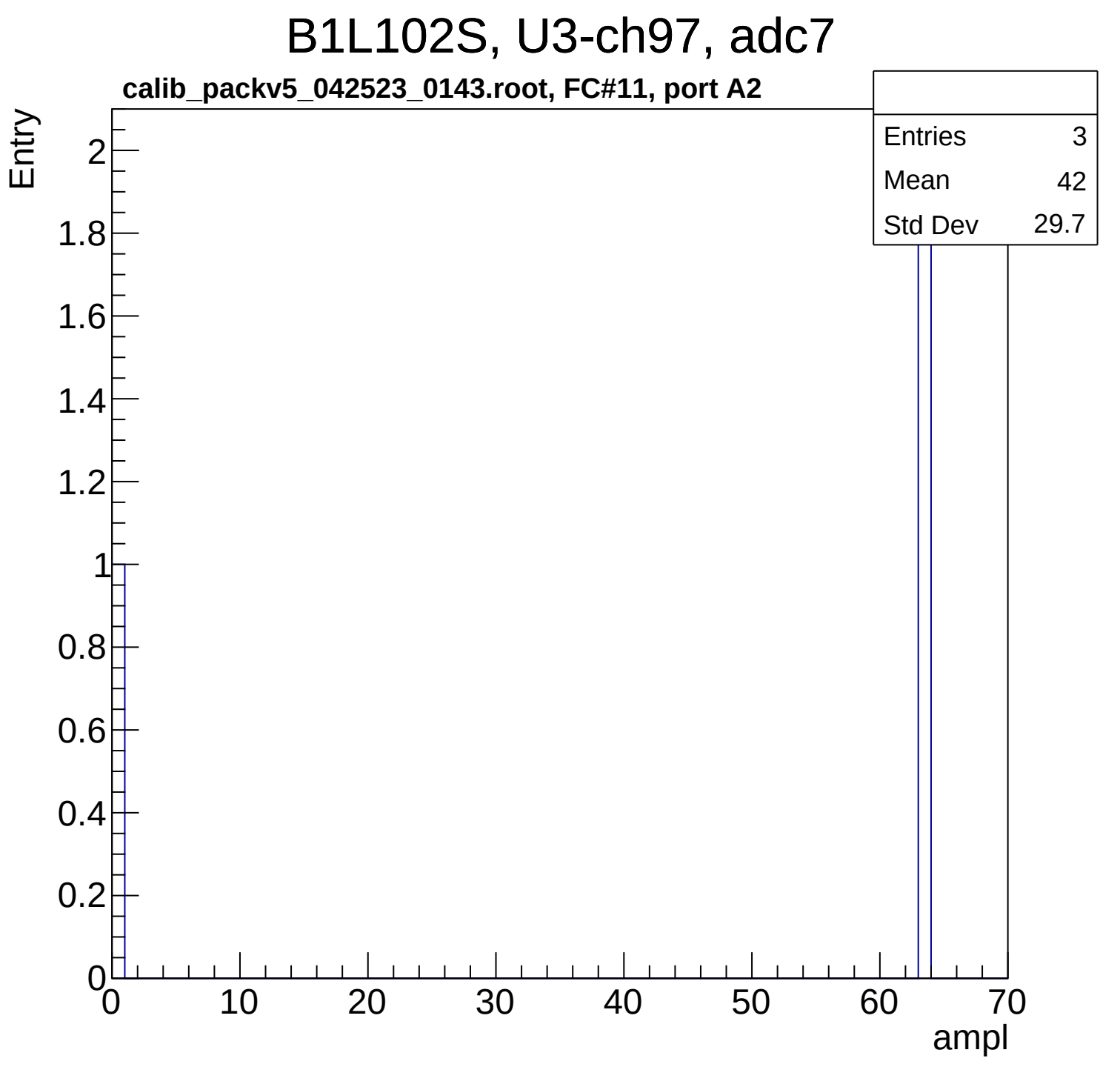
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch97, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 54
Std Dev 20.47
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch97, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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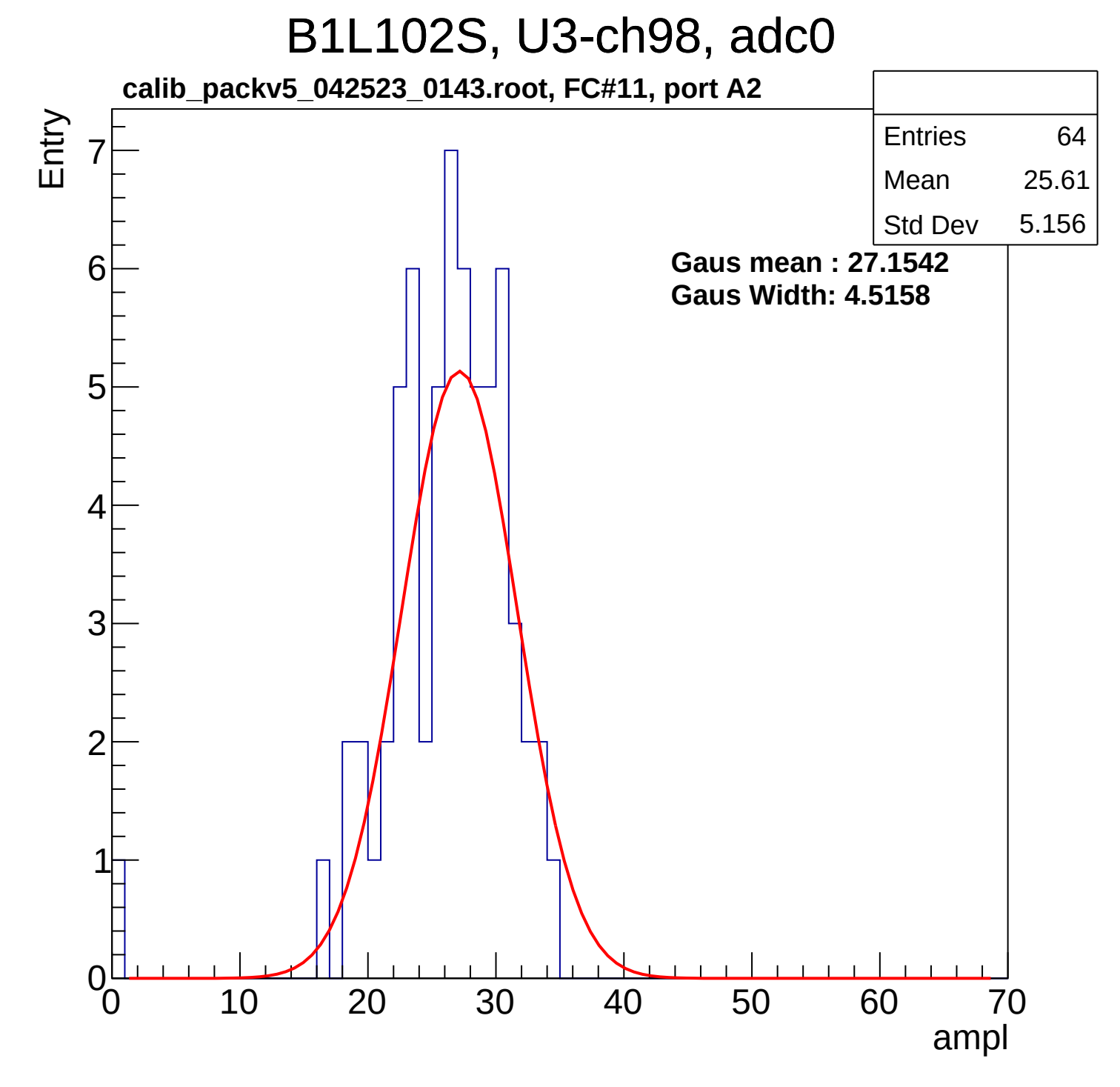
B1L102S, U3-ch98, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 25.61
Std Dev 5.156
Gaus mean : 27.1542
Gaus Width: 4.5158
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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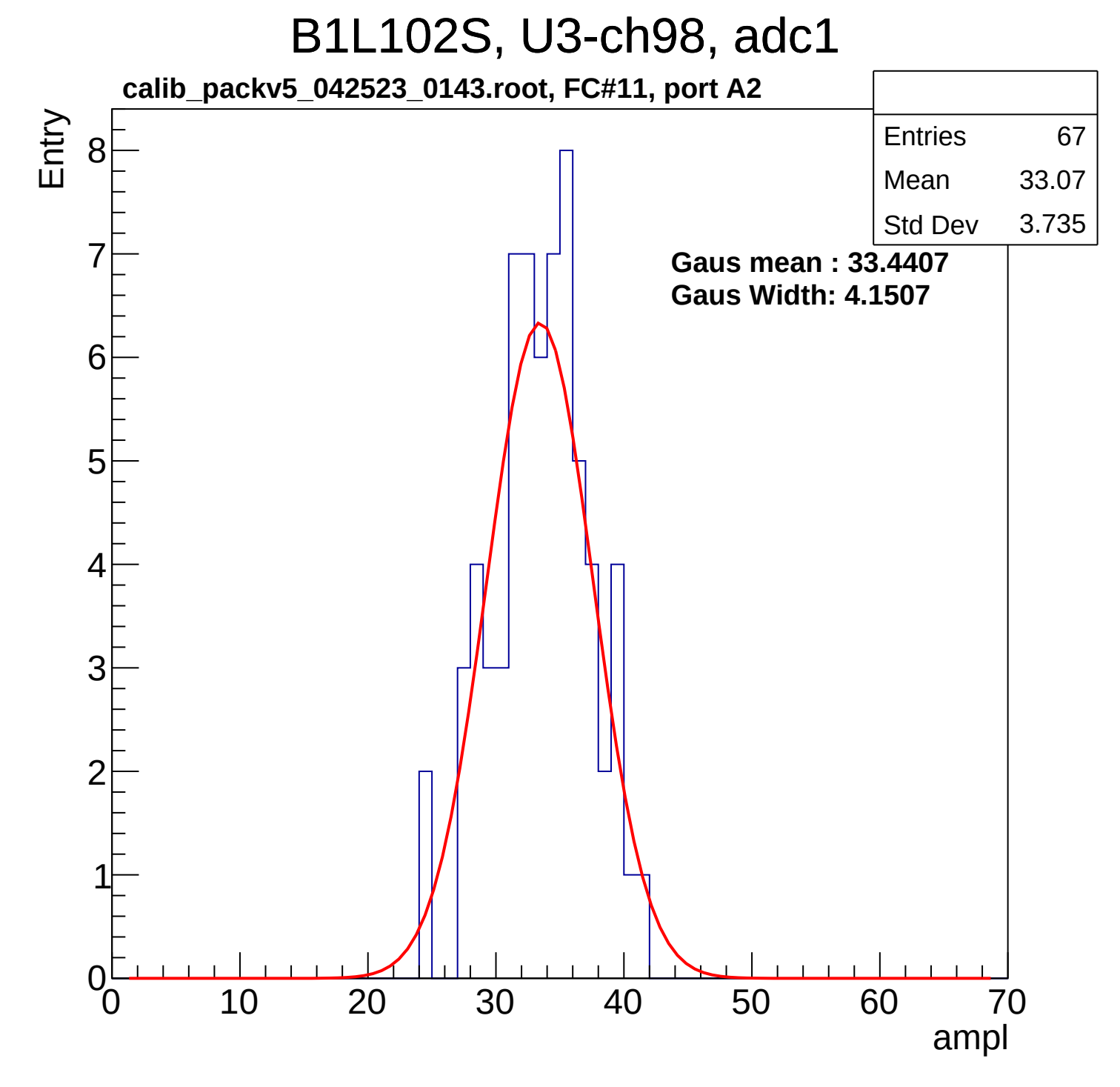
B1L102S, U3-ch98, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 33.07
Std Dev 3.735
Gaus mean : 33.4407
Gaus Width: 4.1507
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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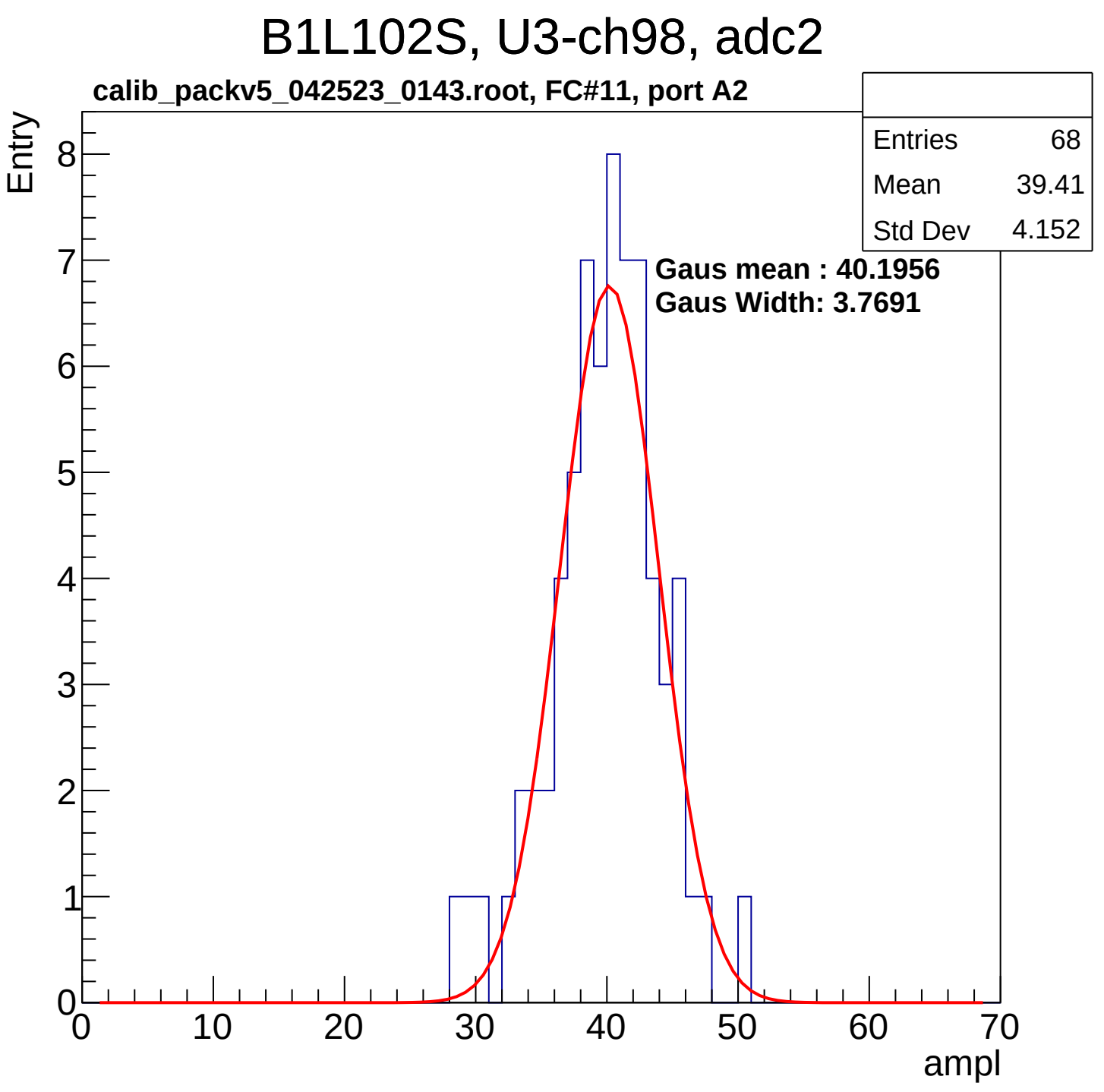
B1L102S, U3-ch98, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 39.41
Std Dev 4.152
Gaus mean : 40.1956
Gaus Width: 3.7691
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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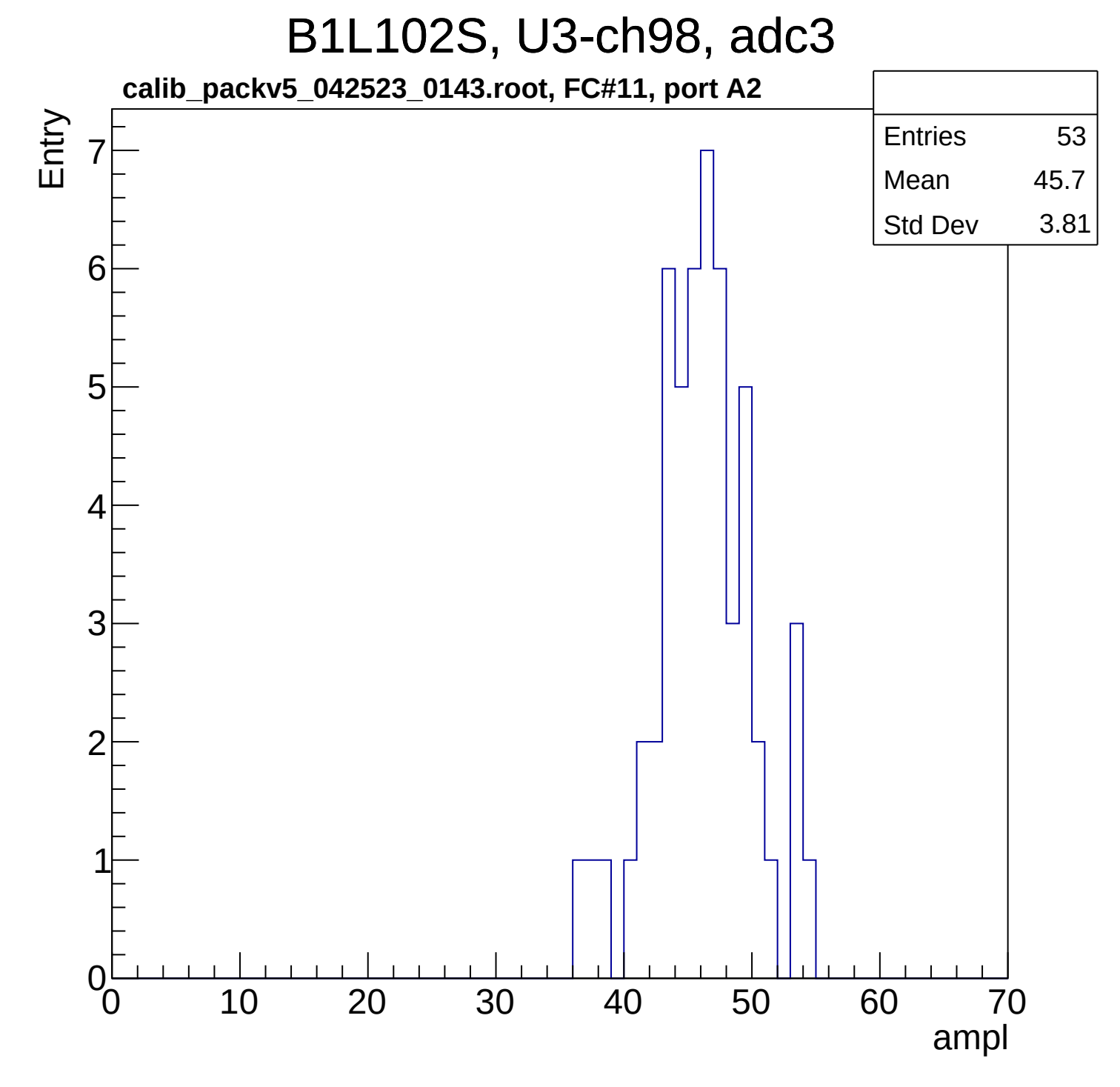
B1L102S, U3-ch98, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 45.7
Std Dev 3.81
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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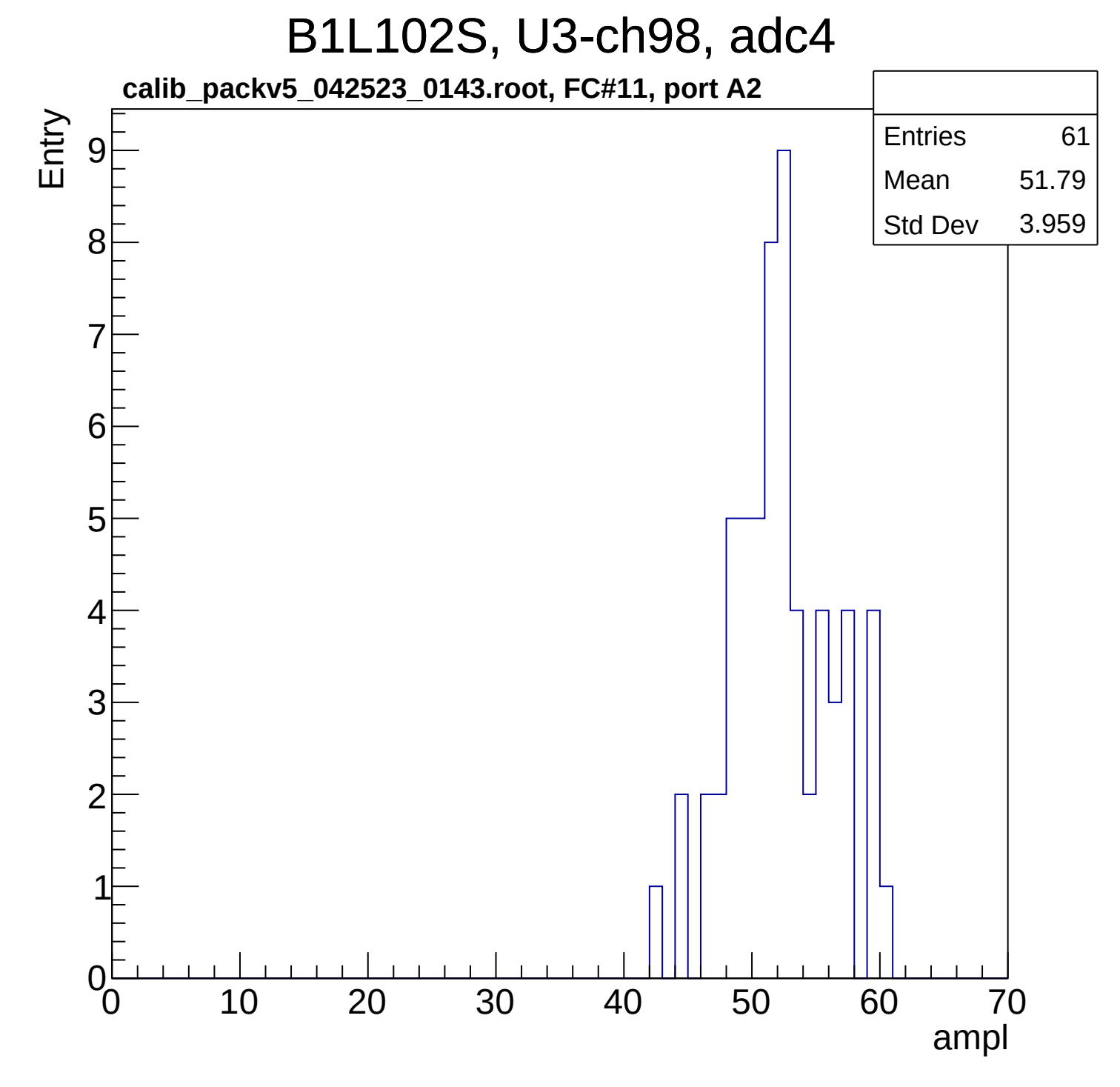
B1L102S, U3-ch98, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 51.79
Std Dev 3.959
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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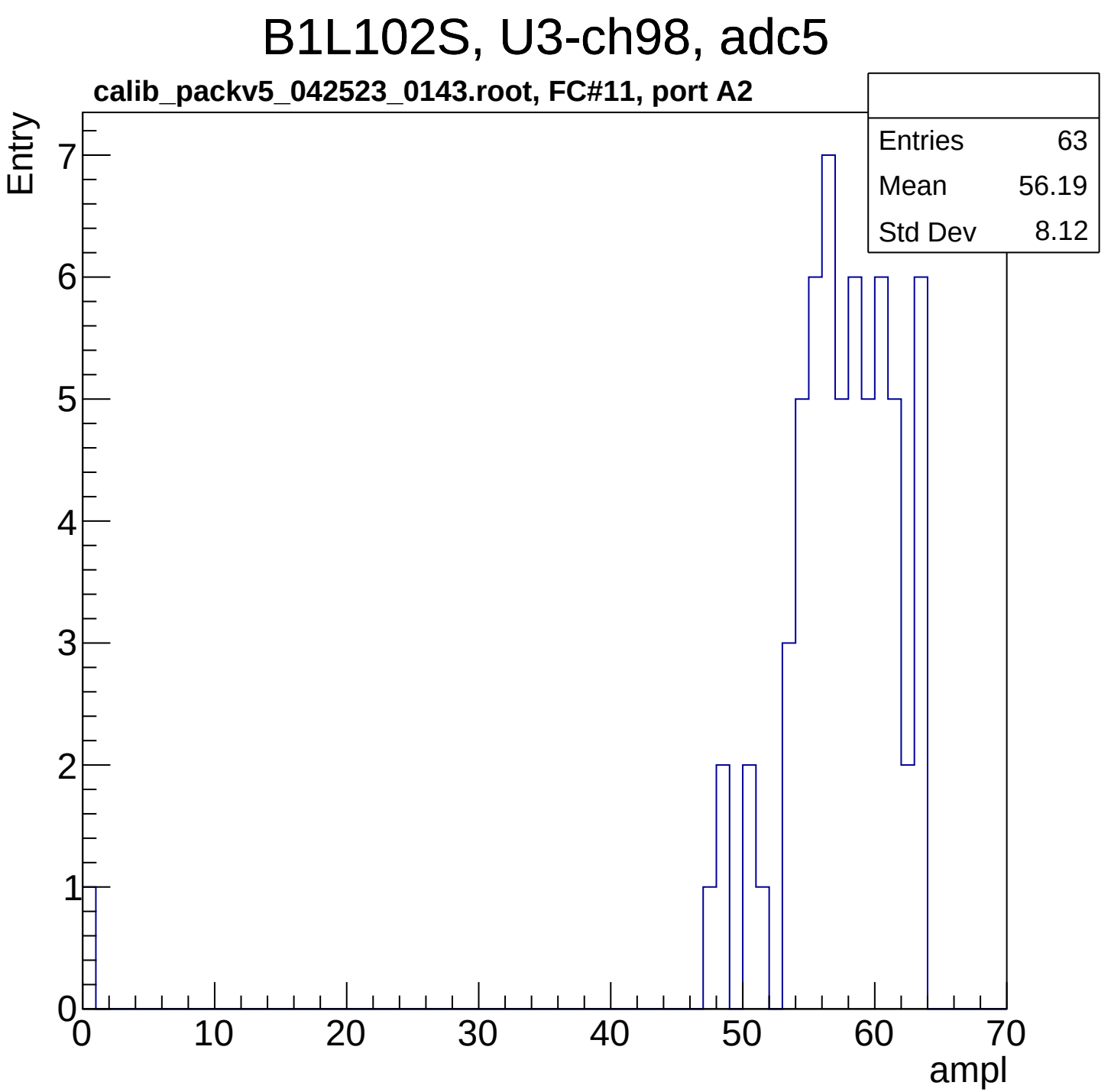
60
70


B1L102S, U3-ch98, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 56.19
Std Dev 8.12
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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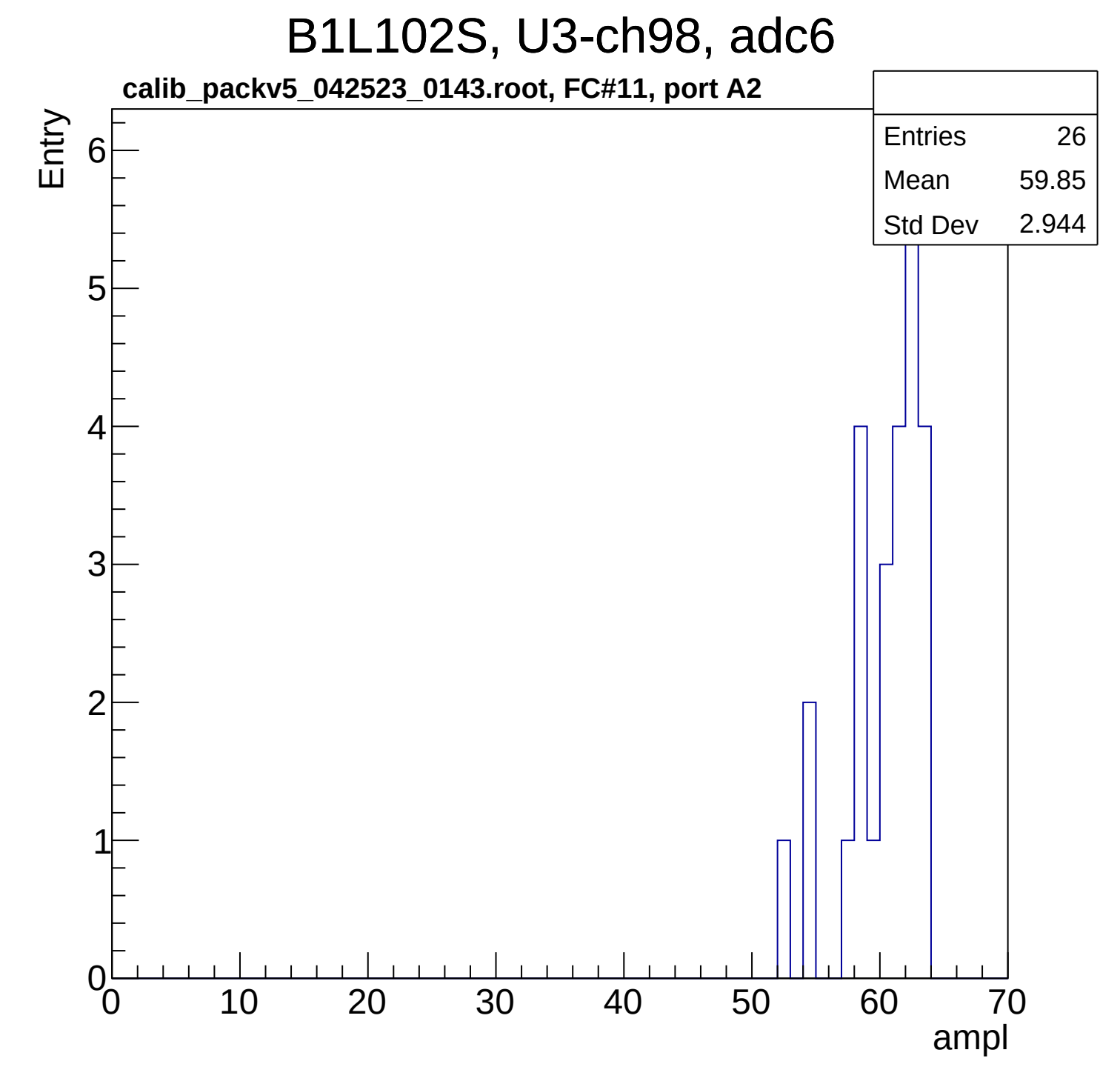
B1L102S, U3-ch98, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 26
Mean 59.85
Std Dev 2.944
Entry
ampl
0
1
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3
4
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6
0
10
20
30
40
50
60
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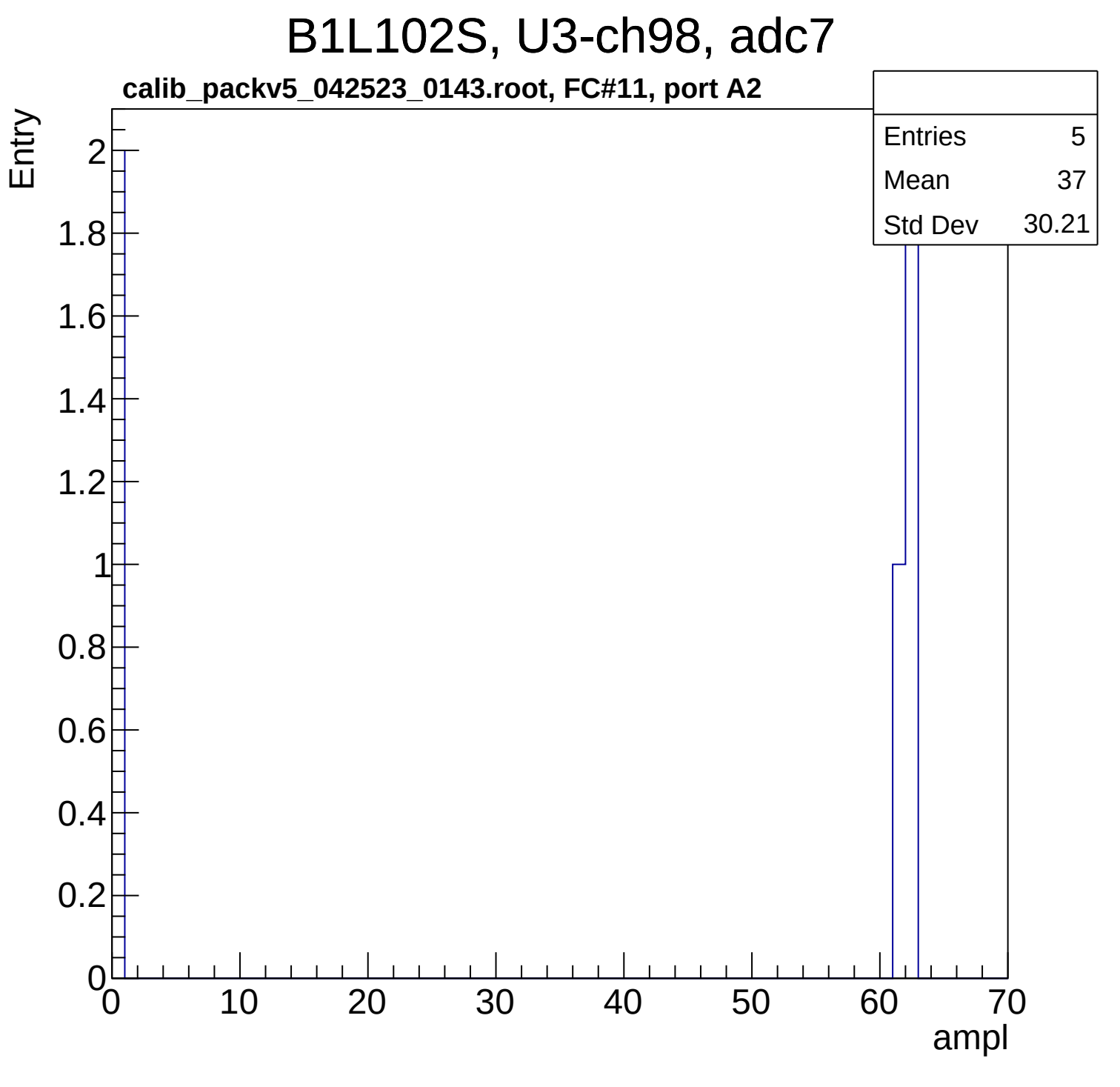
B1L102S, U3-ch98, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 37
Std Dev 30.21
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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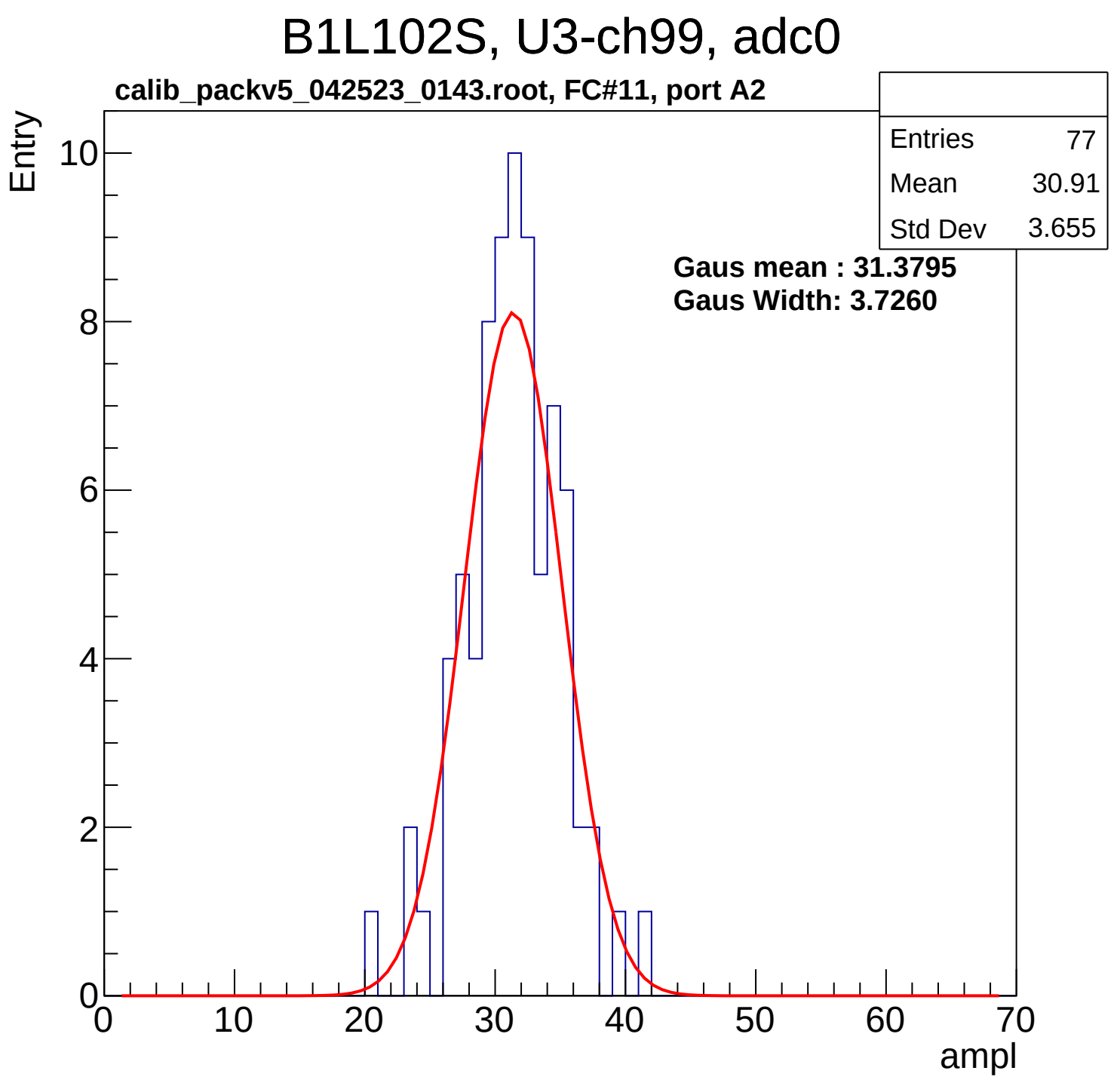
B1L102S, U3-ch99, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 30.91
Std Dev 3.655
Gaus mean : 31.3795
Gaus Width: 3.7260
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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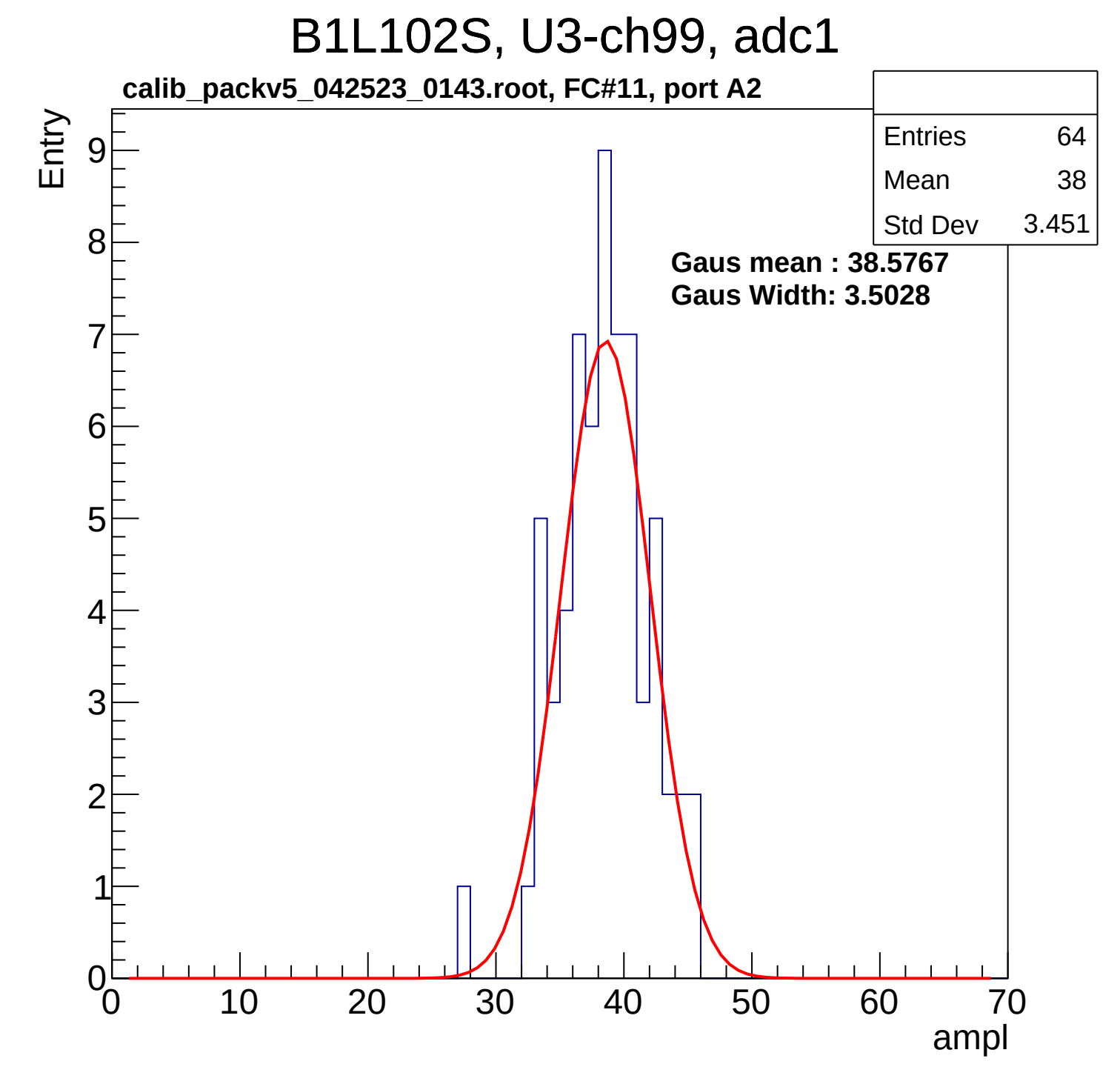
B1L102S, U3-ch99, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 38
Std Dev 3.451
Gaus mean : 38.5767
Gaus Width: 3.5028
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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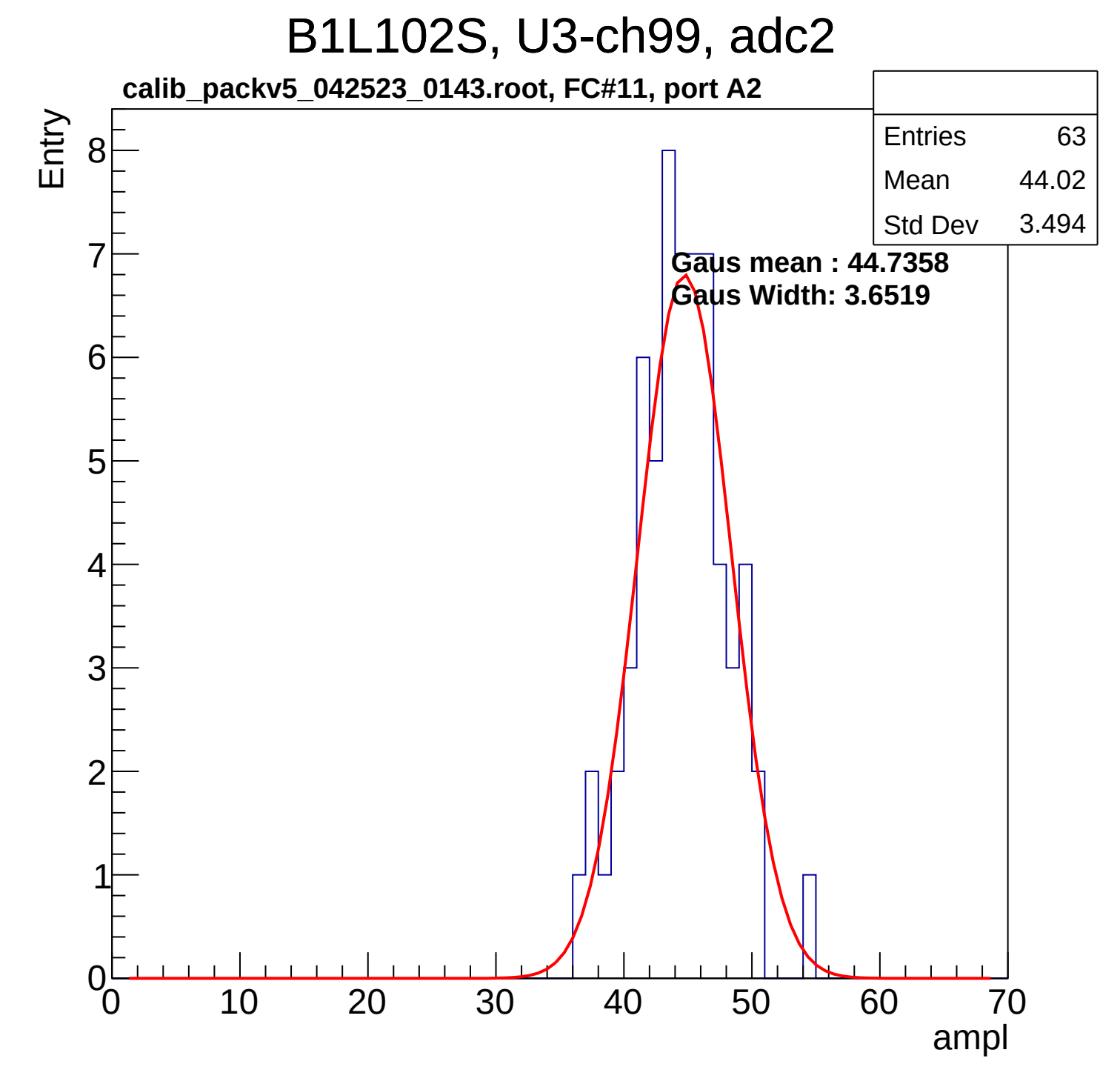
B1L102S, U3-ch99, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 44.02
Std Dev 3.494
Gaus mean : 44.7358
Gaus Width: 3.6519
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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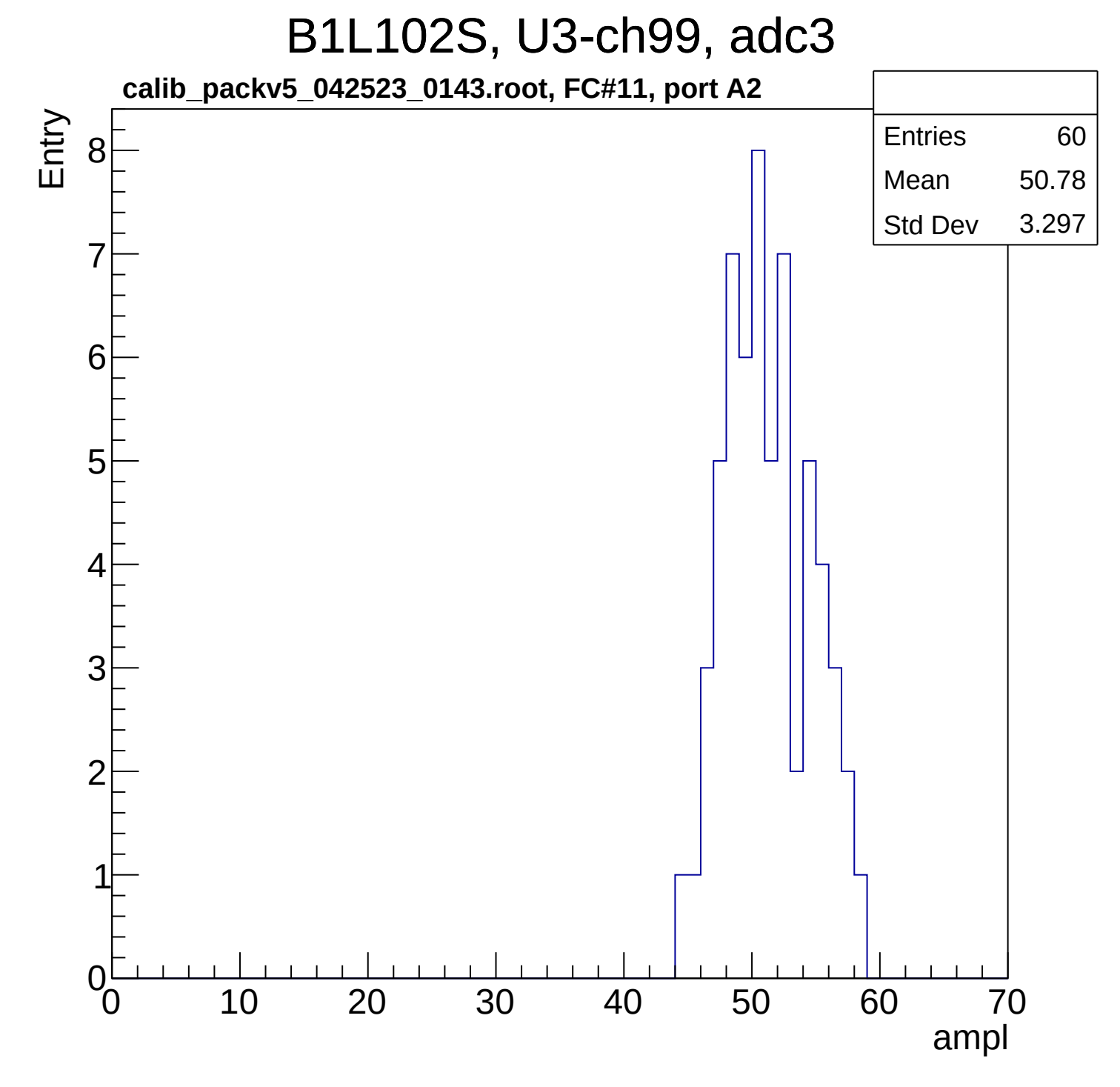
B1L102S, U3-ch99, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 50.78
Std Dev 3.297
Entry
ampl
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5
6
7
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0
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60
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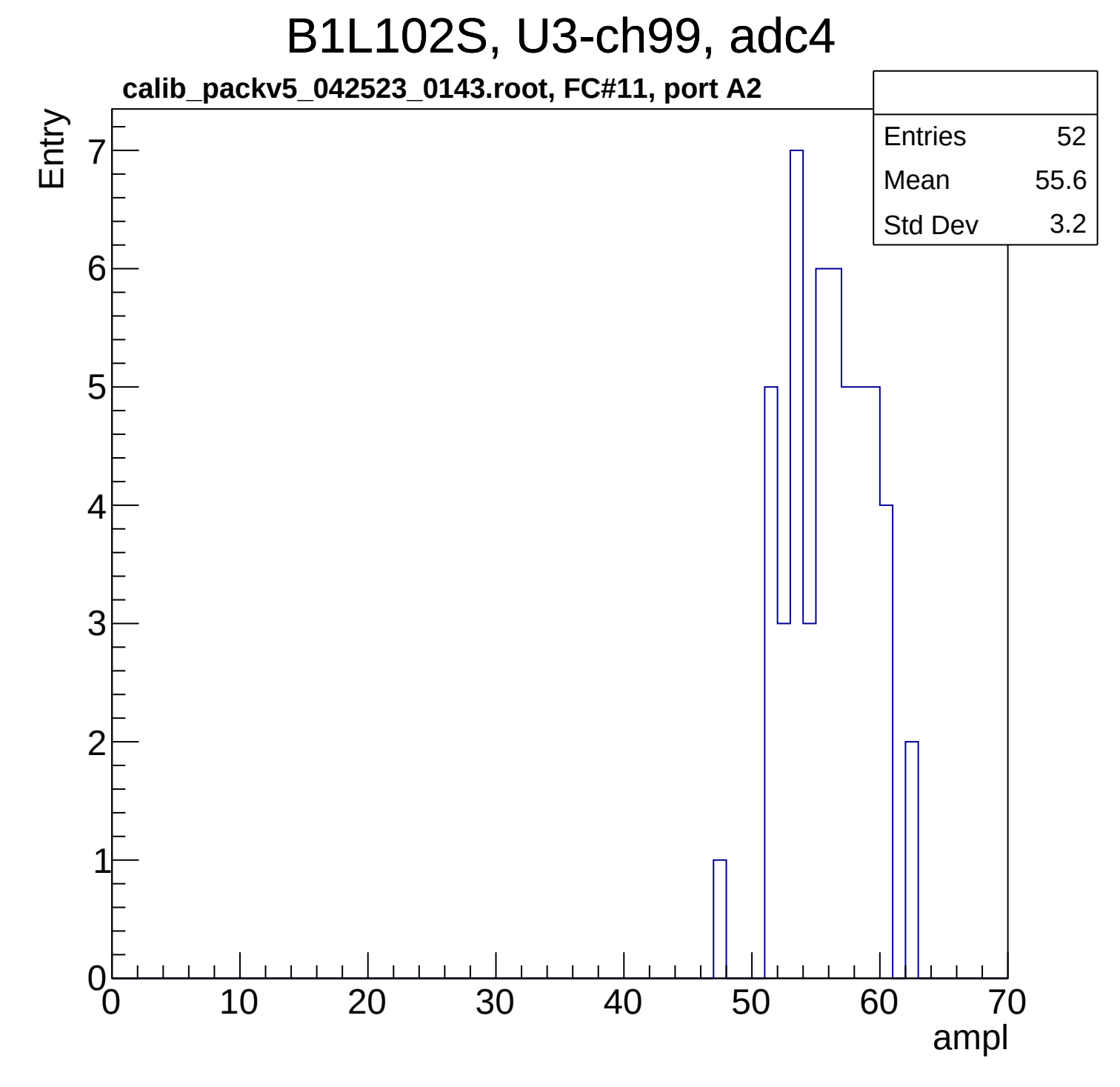
B1L102S, U3-ch99, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 55.6
Std Dev 3.2
Entry
ampl
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4
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0
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60
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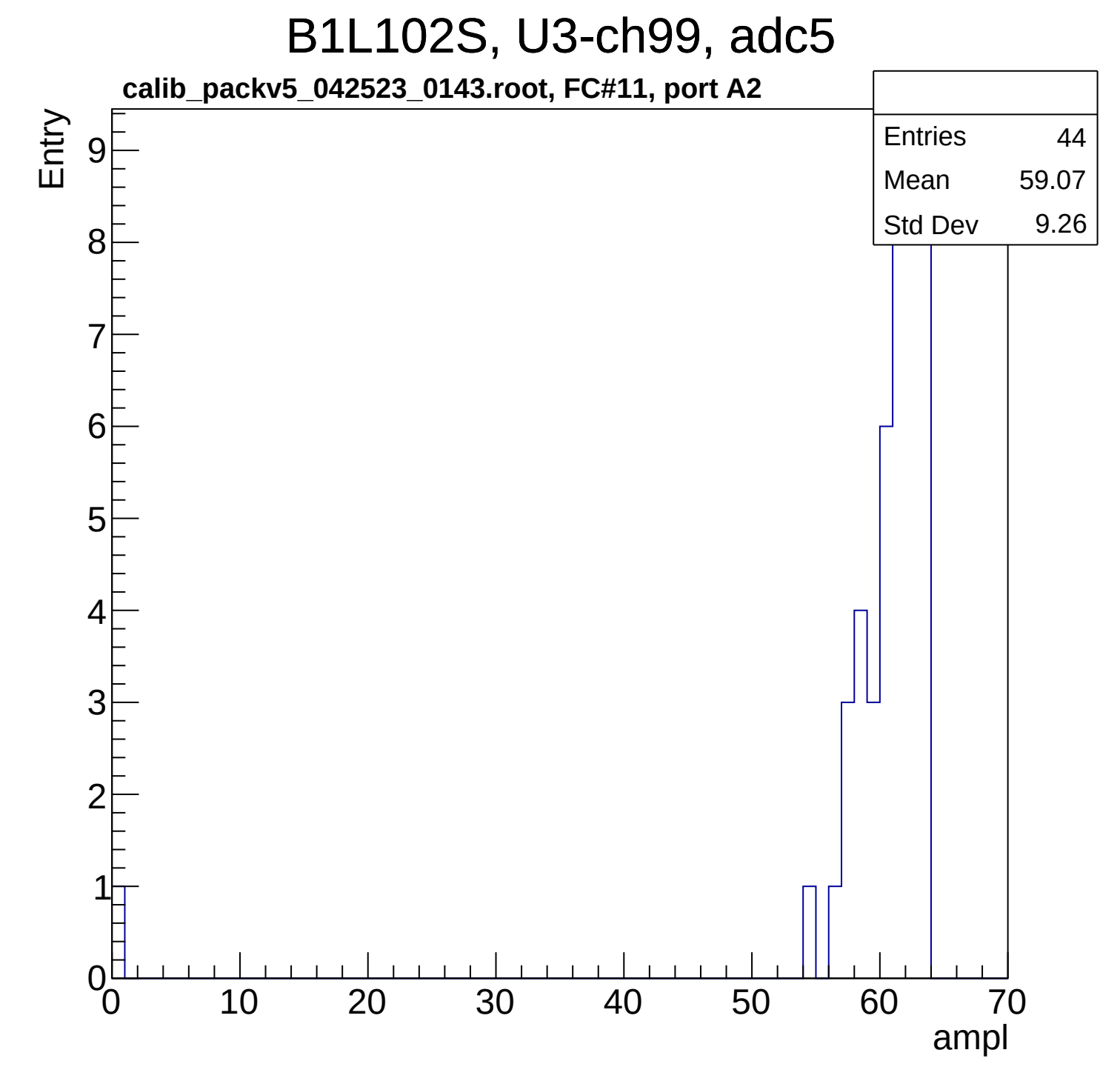
B1L102S, U3-ch99, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 59.07
Std Dev 9.26
Entry
ampl
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3
4
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6
7
8
9
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60
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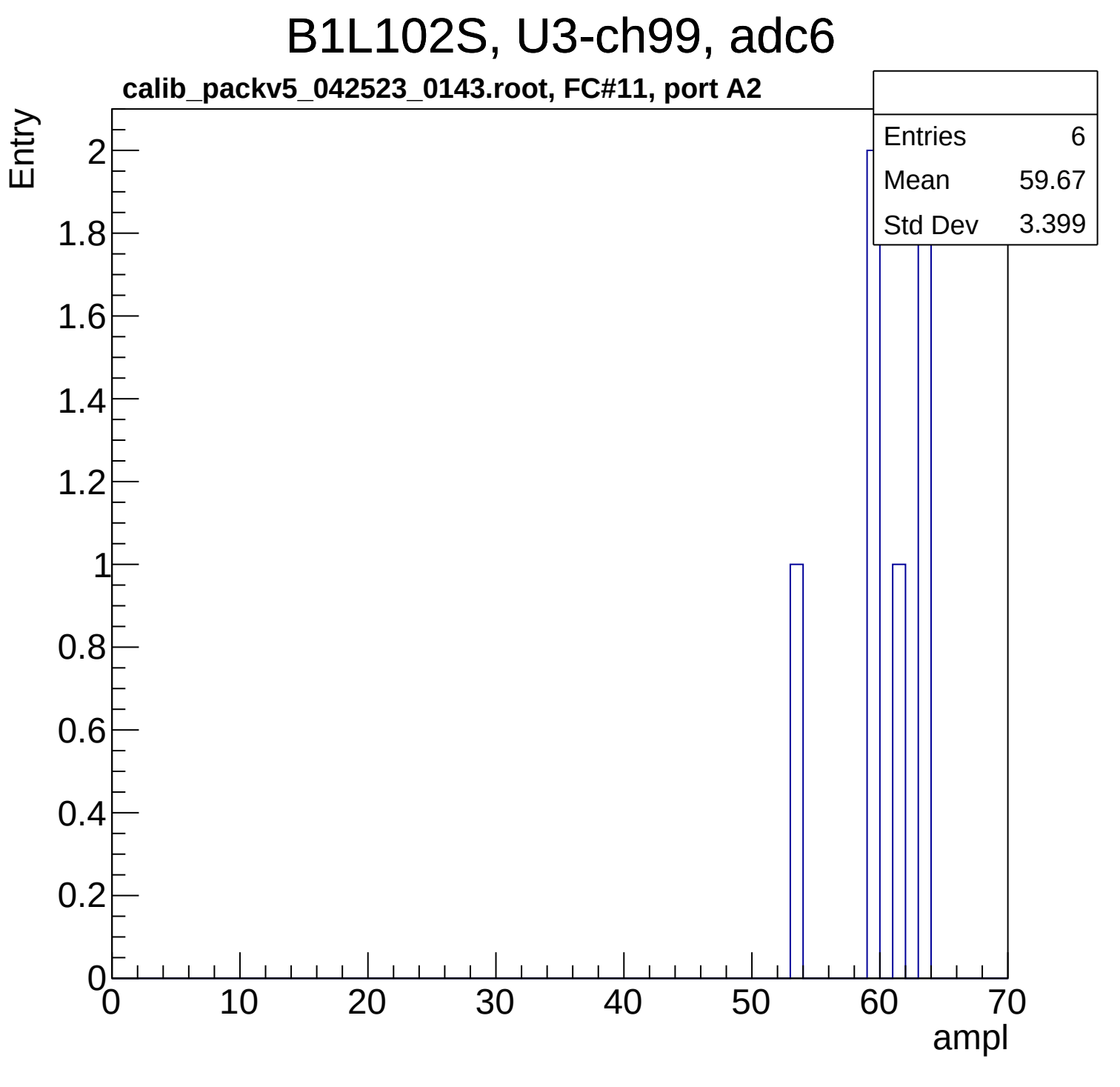
B1L102S, U3-ch99, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 59.67
Std Dev 3.399
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
2
0
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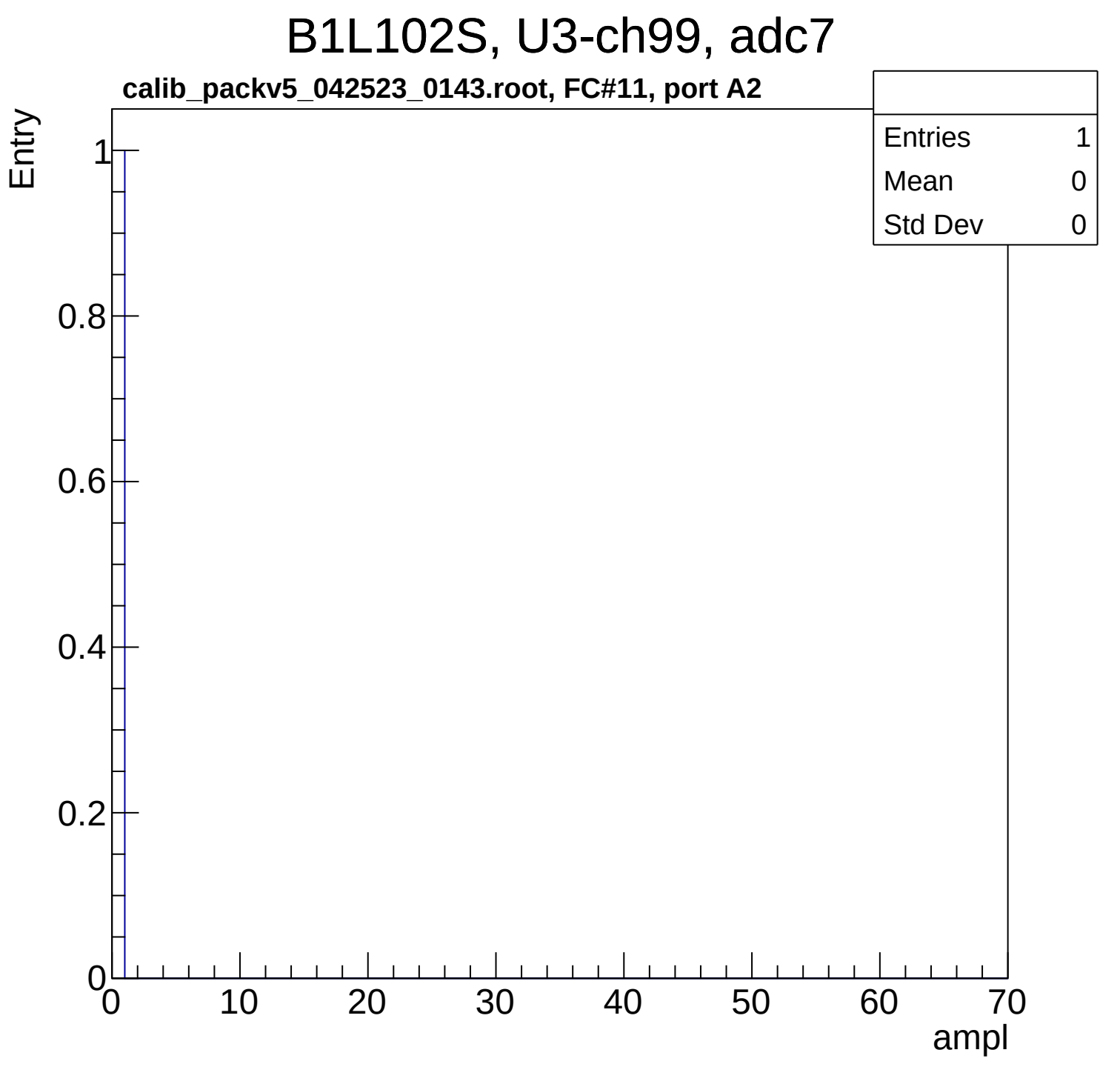
50
60
70


B1L102S, U3-ch99, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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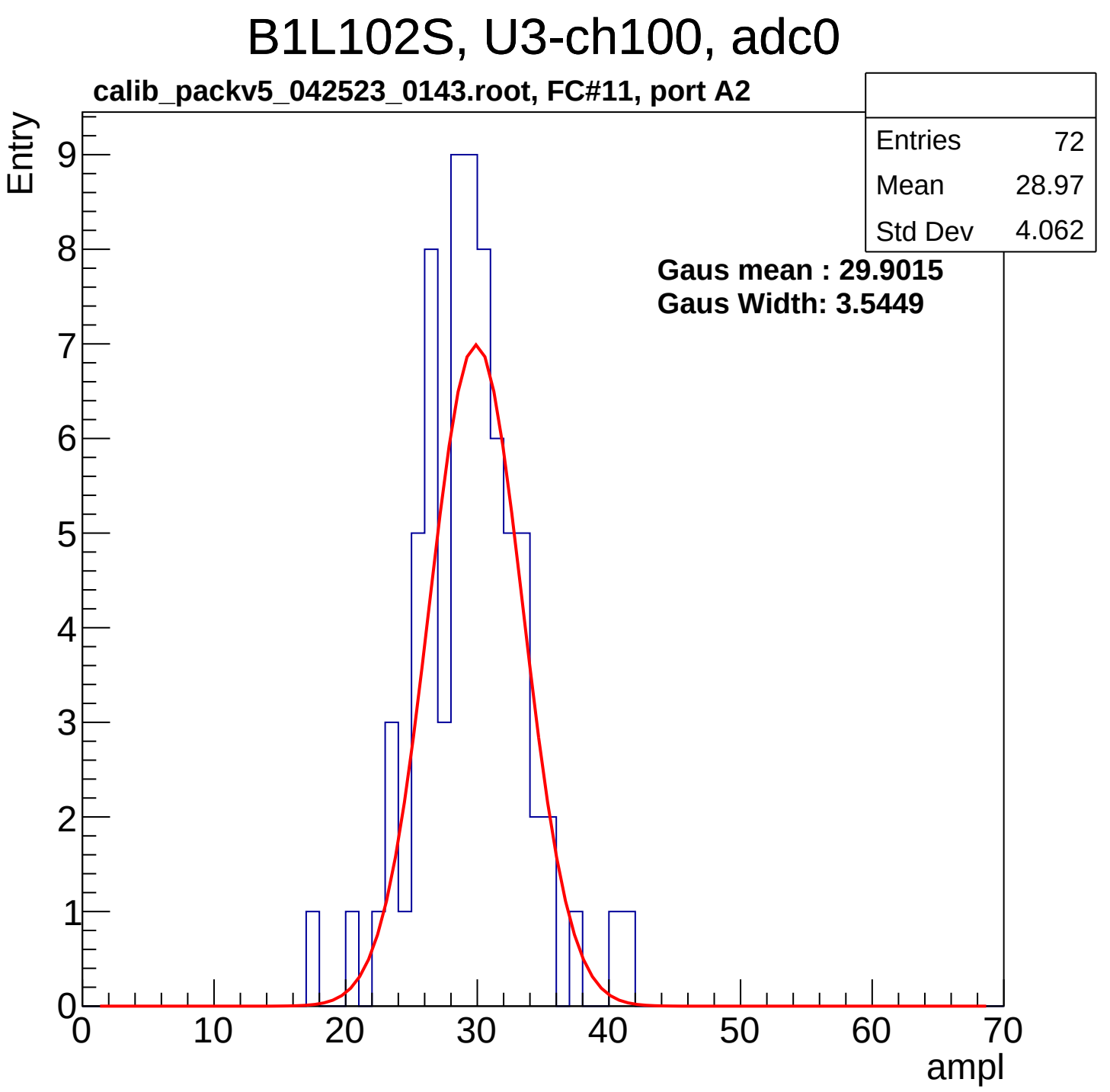
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch100, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 28.97
Std Dev 4.062
Gaus mean : 29.9015
Gaus Width: 3.5449
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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50
60
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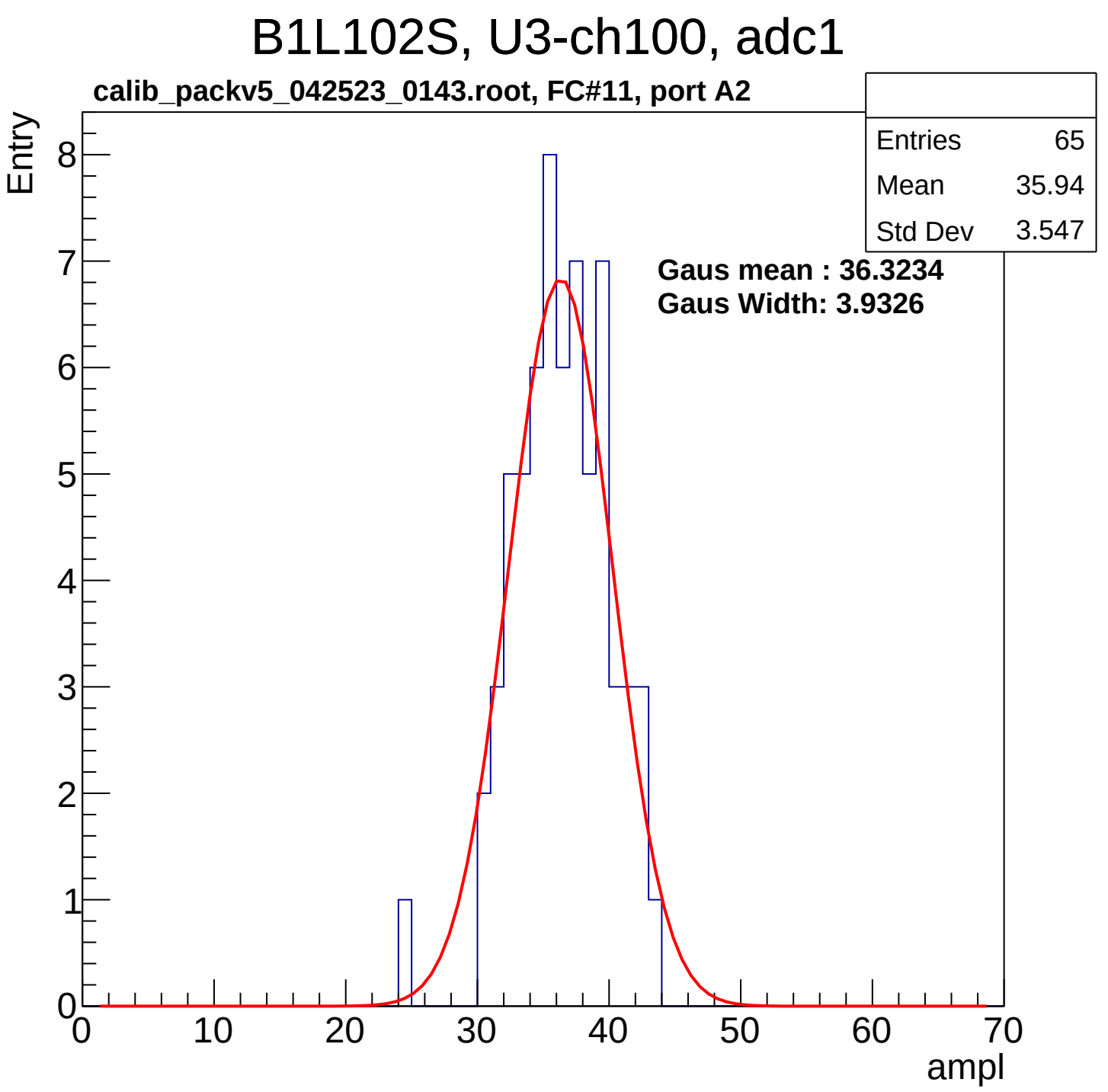
B1L102S, U3-ch100, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 35.94
Std Dev 3.547
Gaus mean : 36.3234
Gaus Width: 3.9326
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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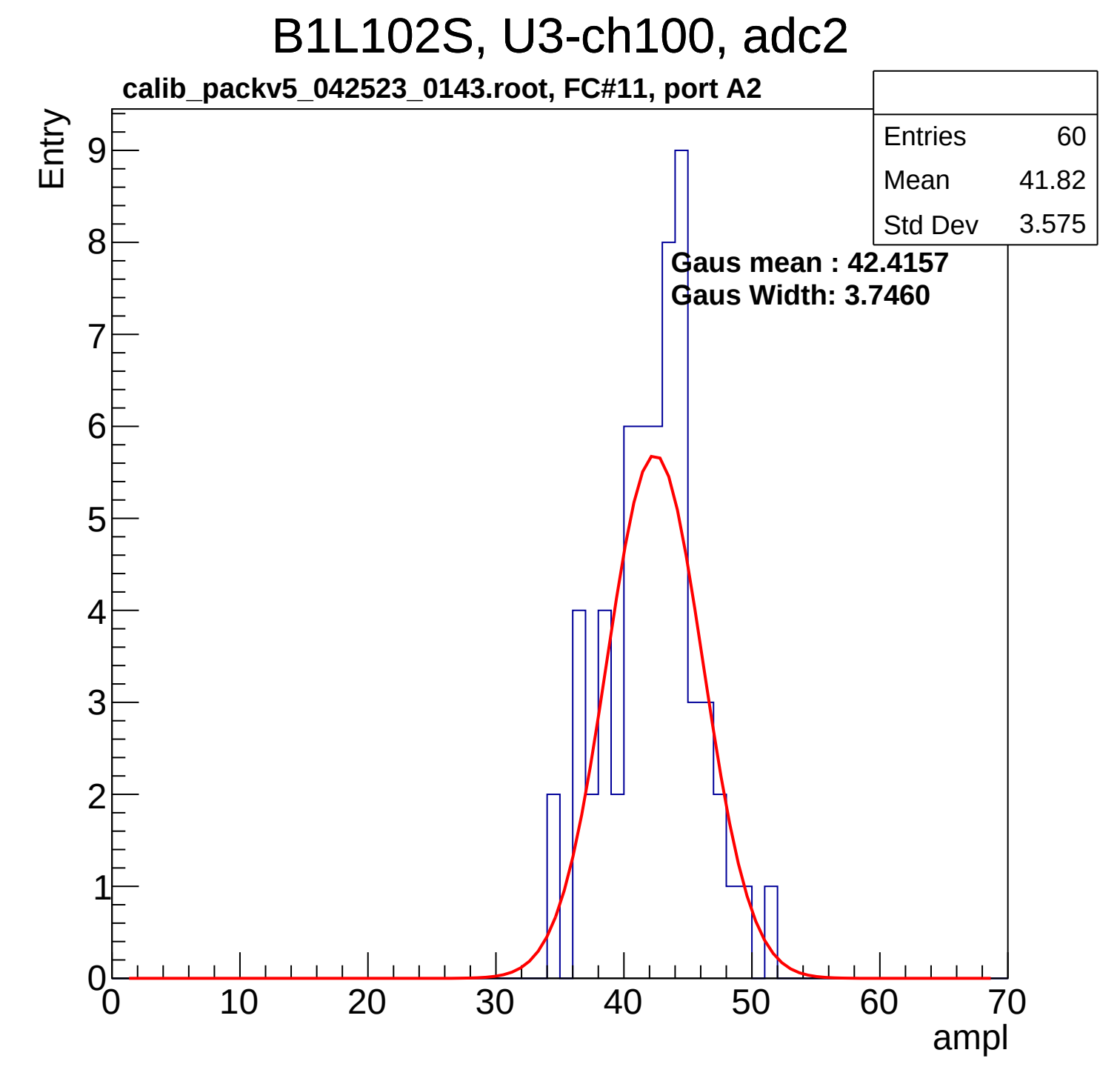
B1L102S, U3-ch100, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 41.82
Std Dev 3.575
Gaus mean : 42.4157
Gaus Width: 3.7460
Entry
ampl
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2
3
4
5
6
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0
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40
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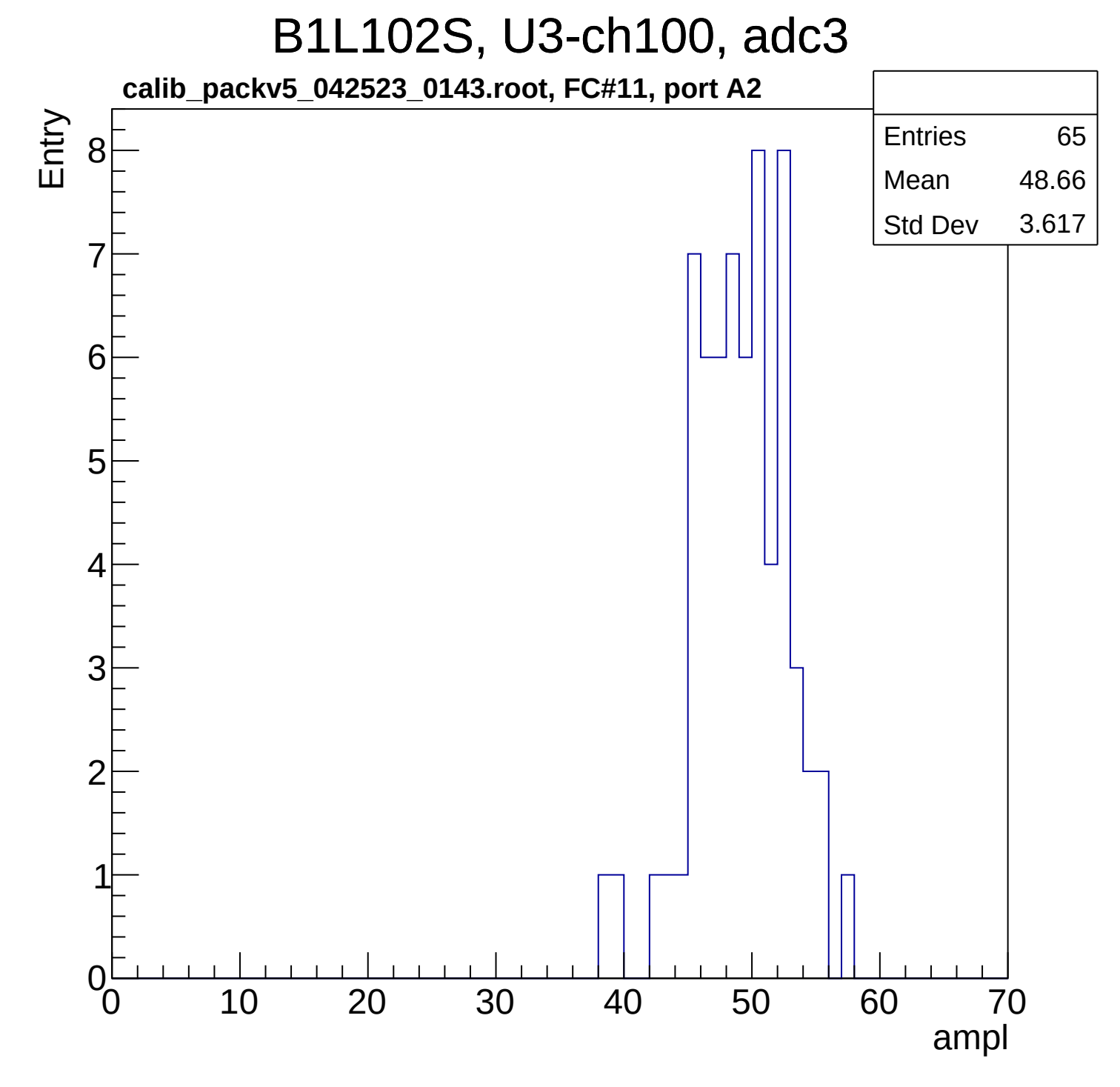
B1L102S, U3-ch100, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 48.66
Std Dev 3.617
Entry
ampl
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1
2
3
4
5
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7
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0
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40
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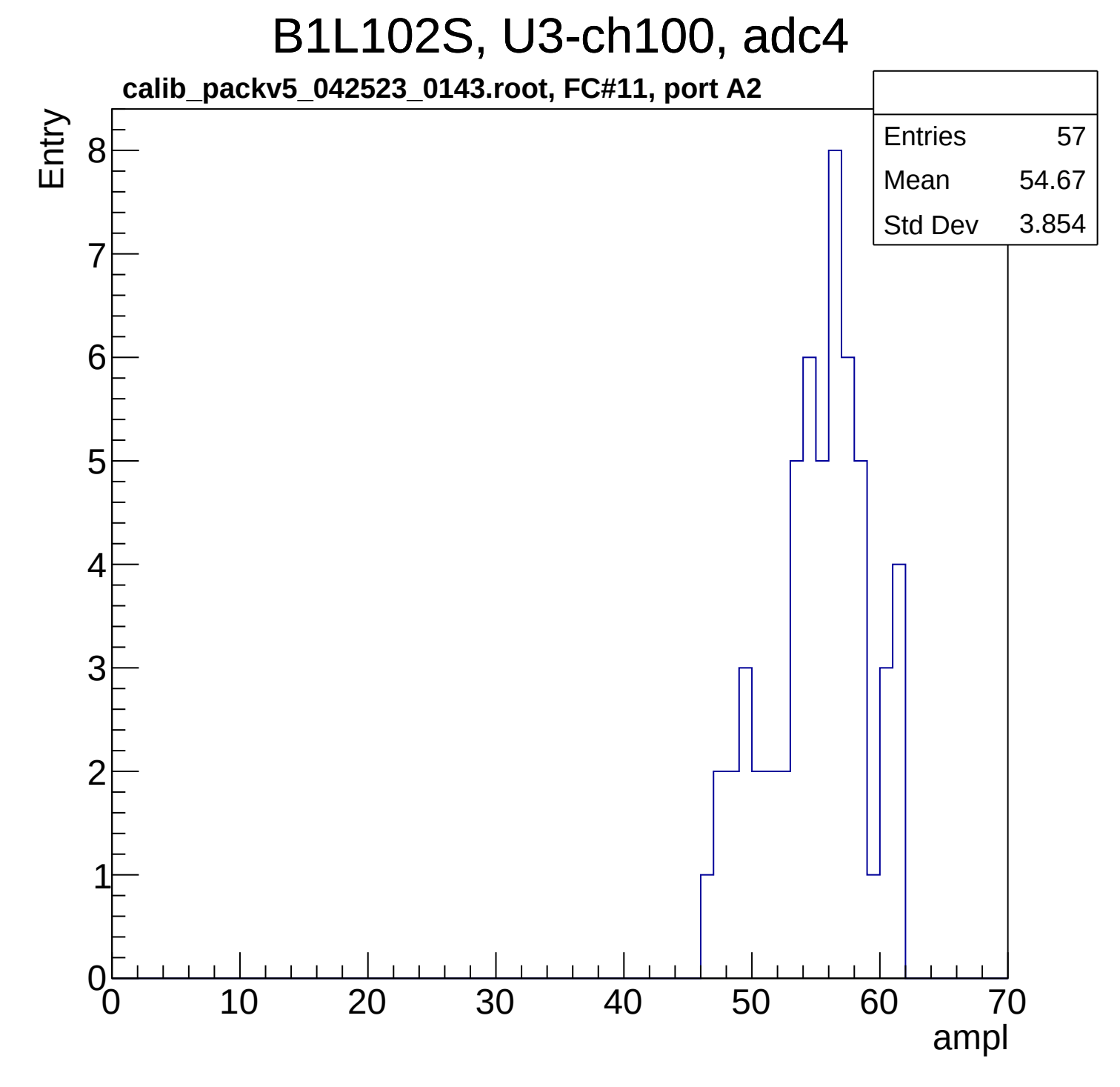
60
70


B1L102S, U3-ch100, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 54.67
Std Dev 3.854
Entry
ampl
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1
2
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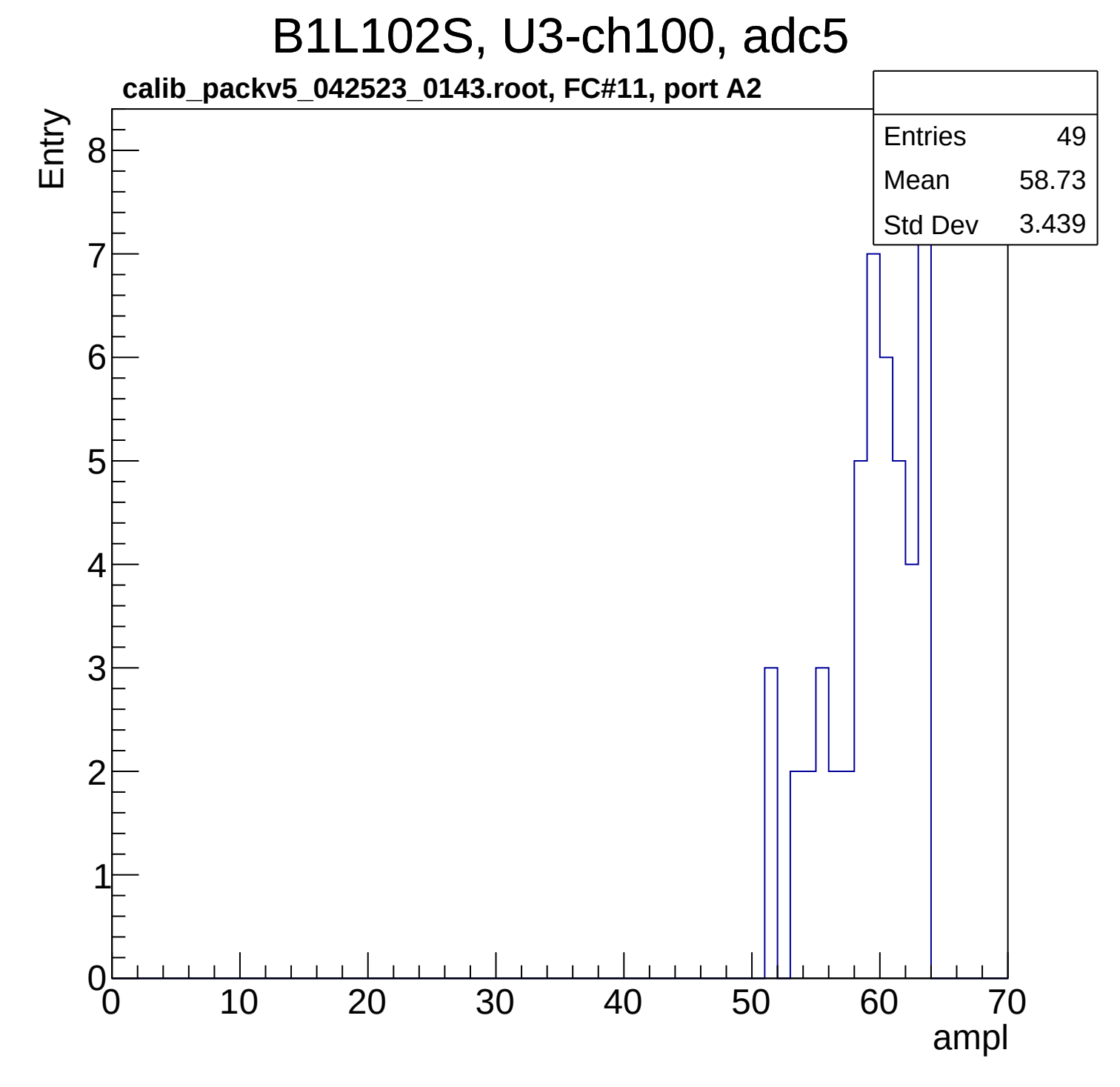
B1L102S, U3-ch100, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 58.73
Std Dev 3.439
Entry
ampl
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1
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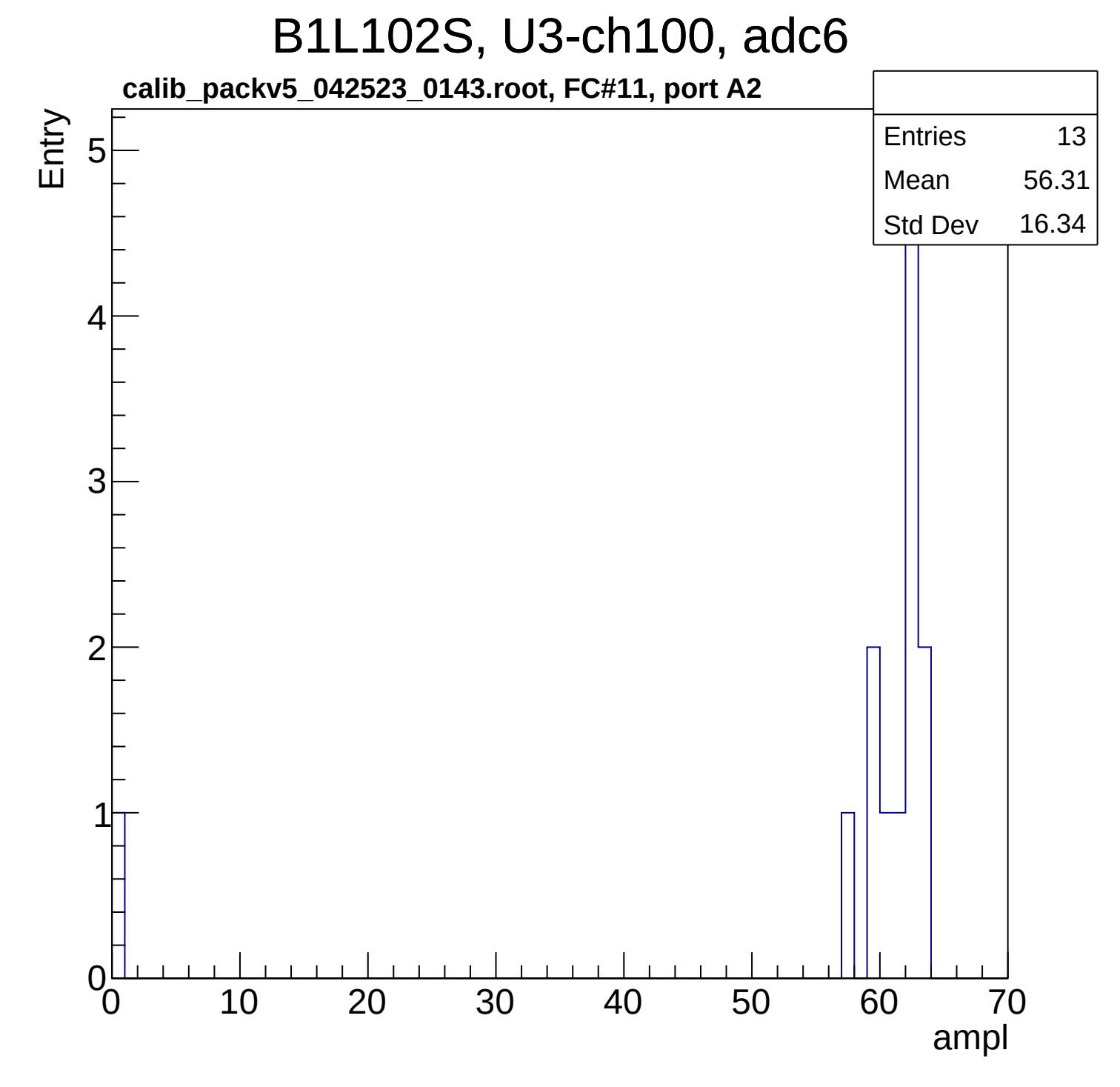
B1L102S, U3-ch100, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 56.31
Std Dev 16.34
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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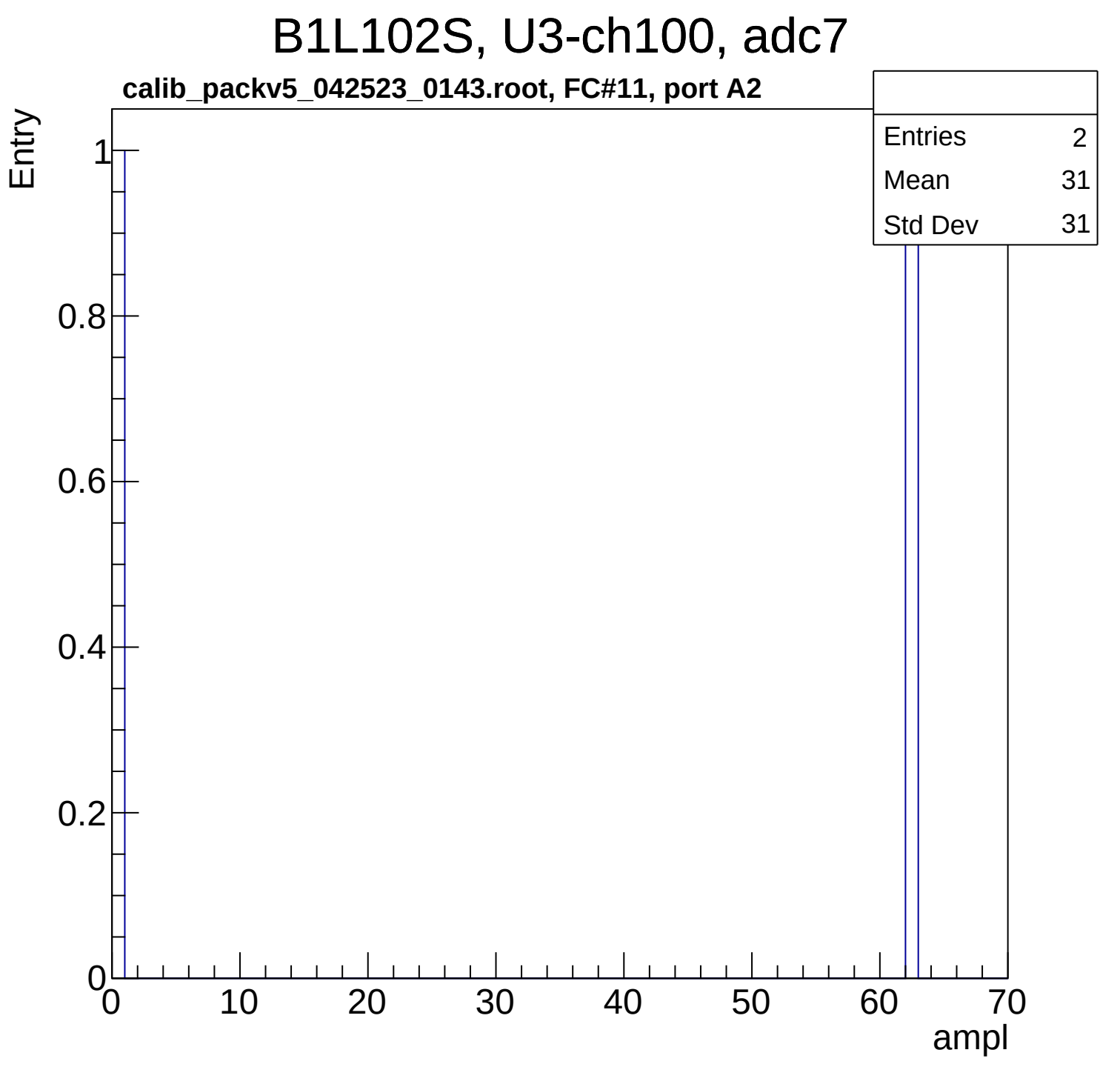
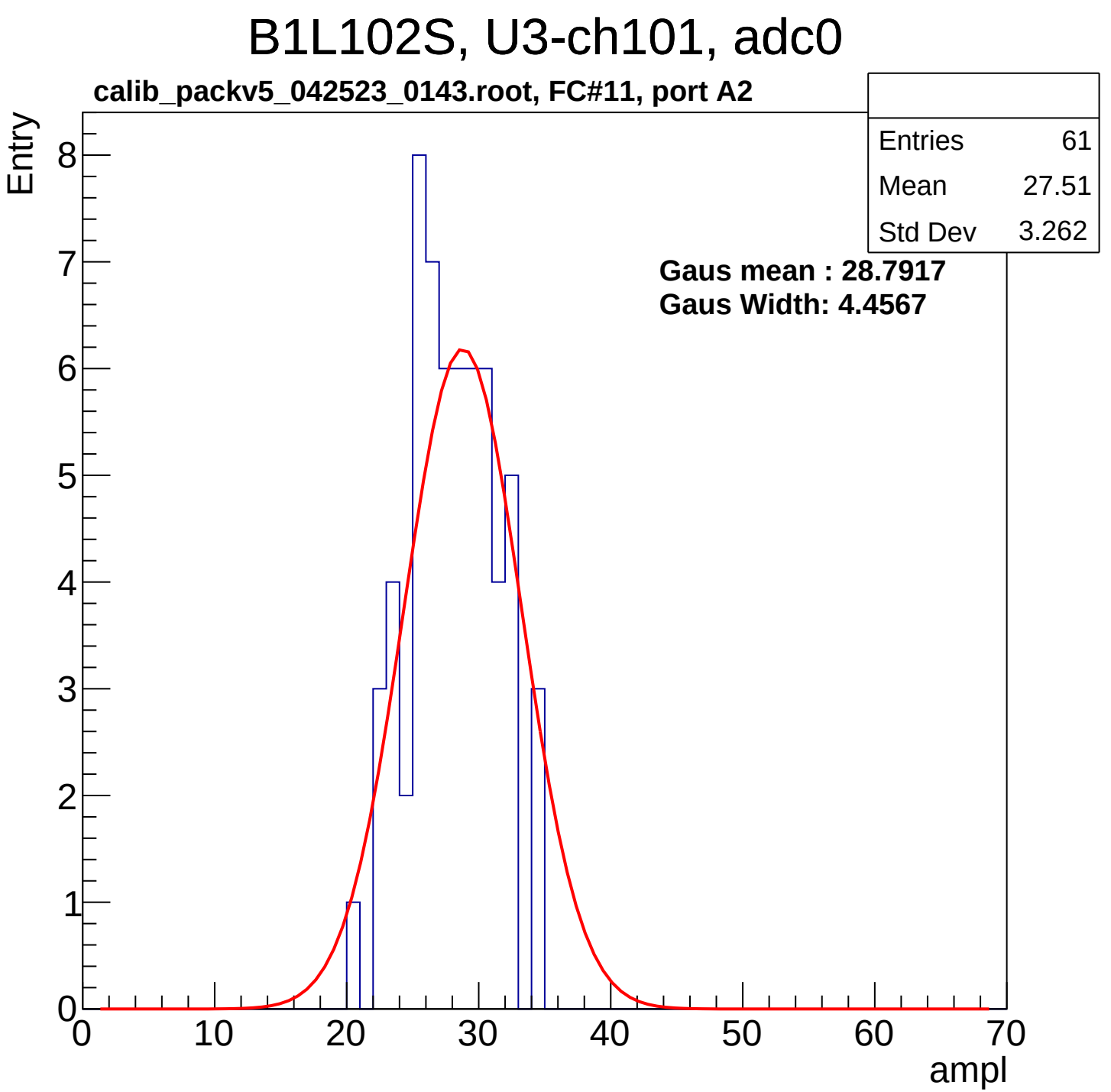

B1L102S, U3-ch100, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch101, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 27.51
Std Dev 3.262
Gaus mean : 28.7917
Gaus Width: 4.4567
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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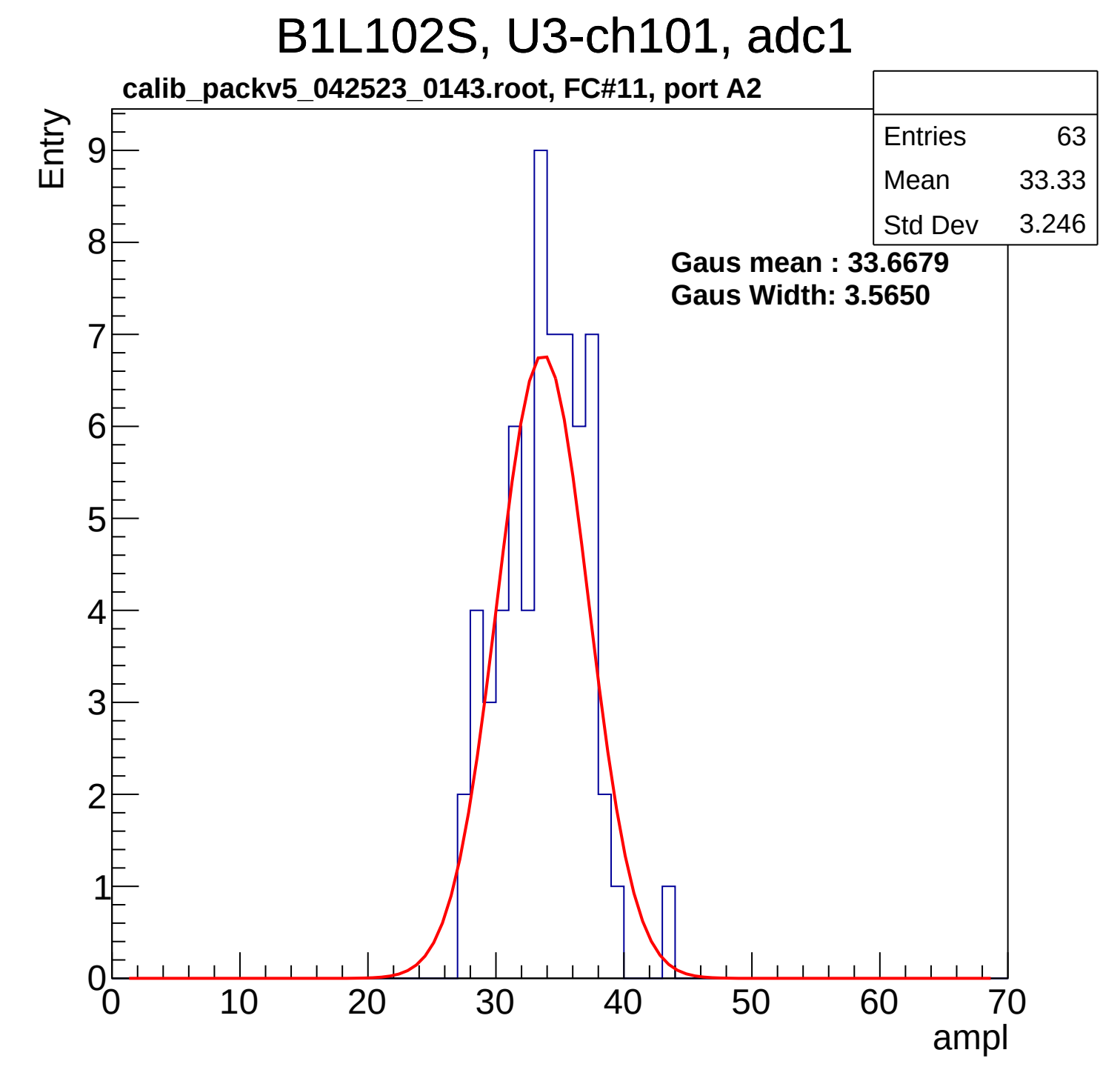
B1L102S, U3-ch101, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 33.33
Std Dev 3.246
Gaus mean : 33.6679
Gaus Width: 3.5650
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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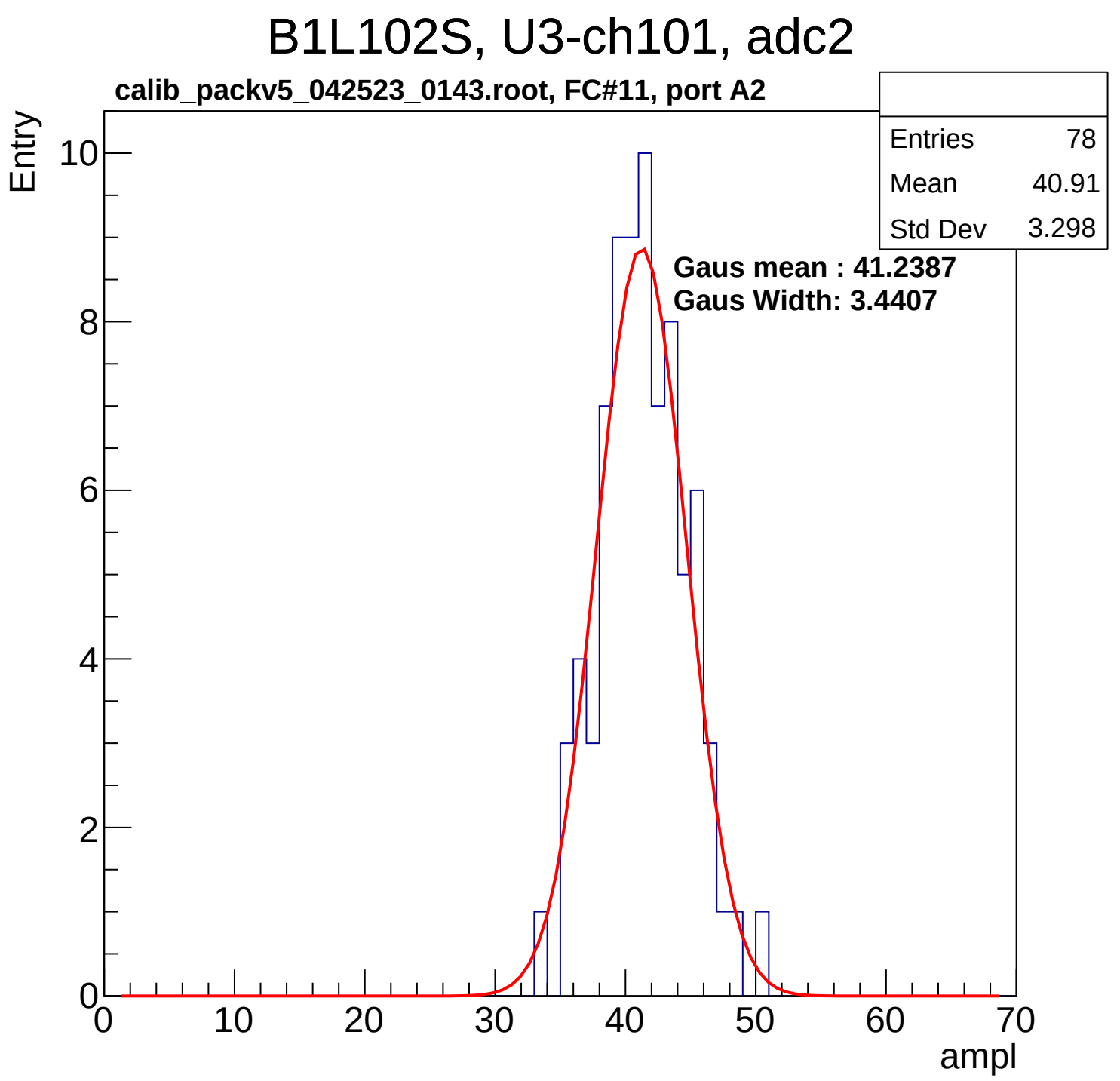
B1L102S, U3-ch101, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 40.91
Std Dev 3.298
Gaus mean : 41.2387
Gaus Width: 3.4407
Entry
ampl
0
2
4
6
8
10
0
10
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30
40
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60
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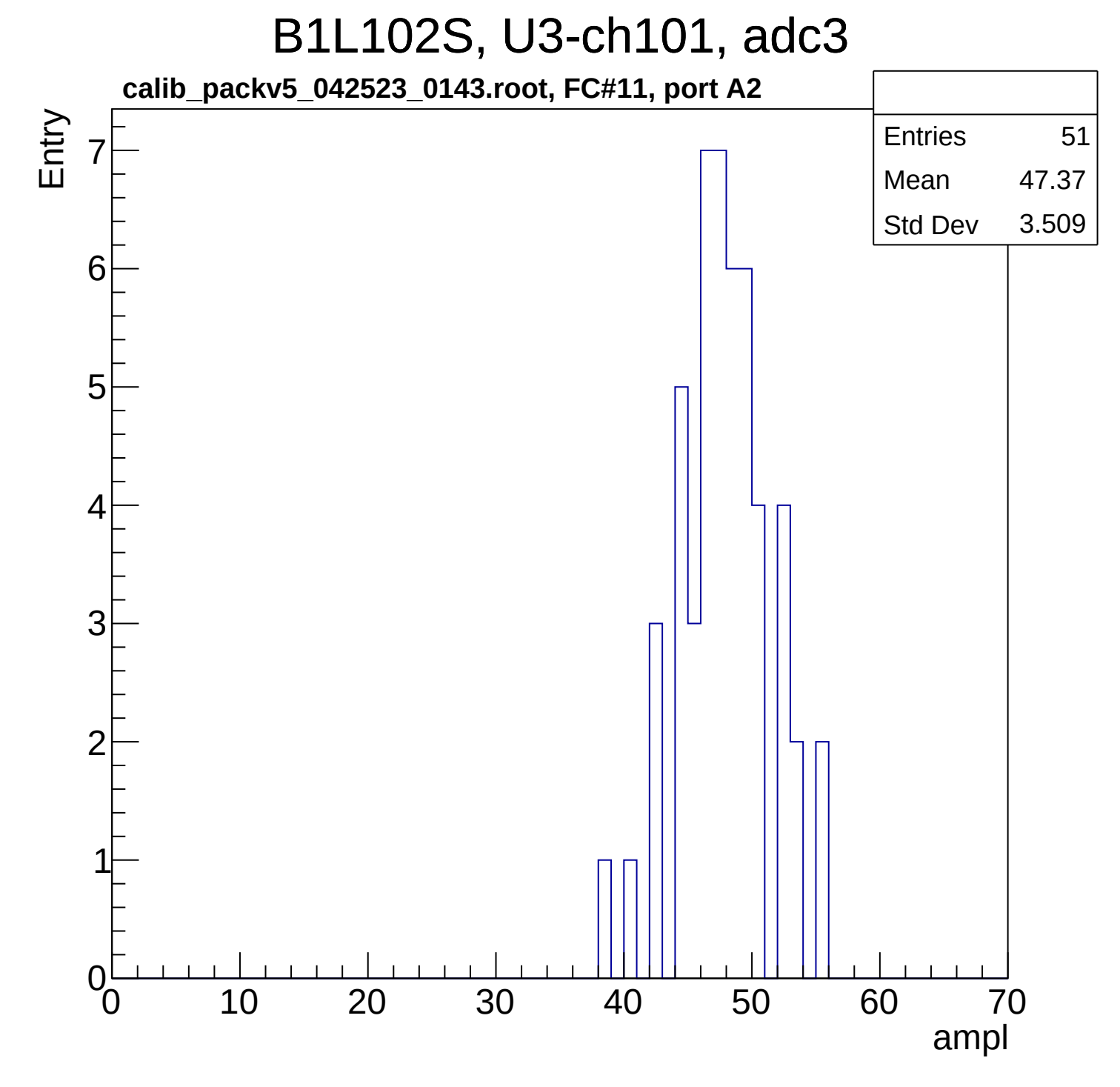
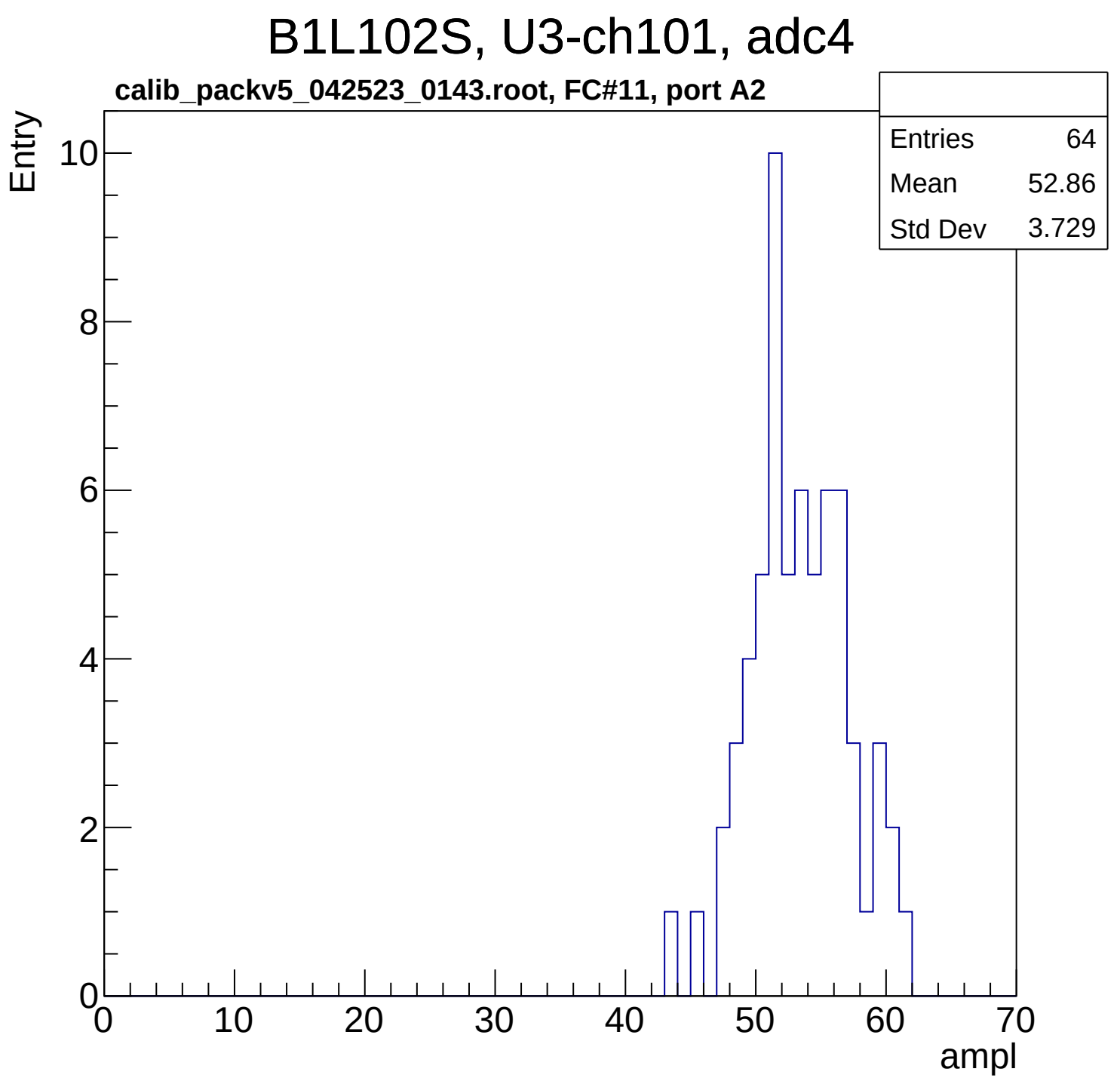
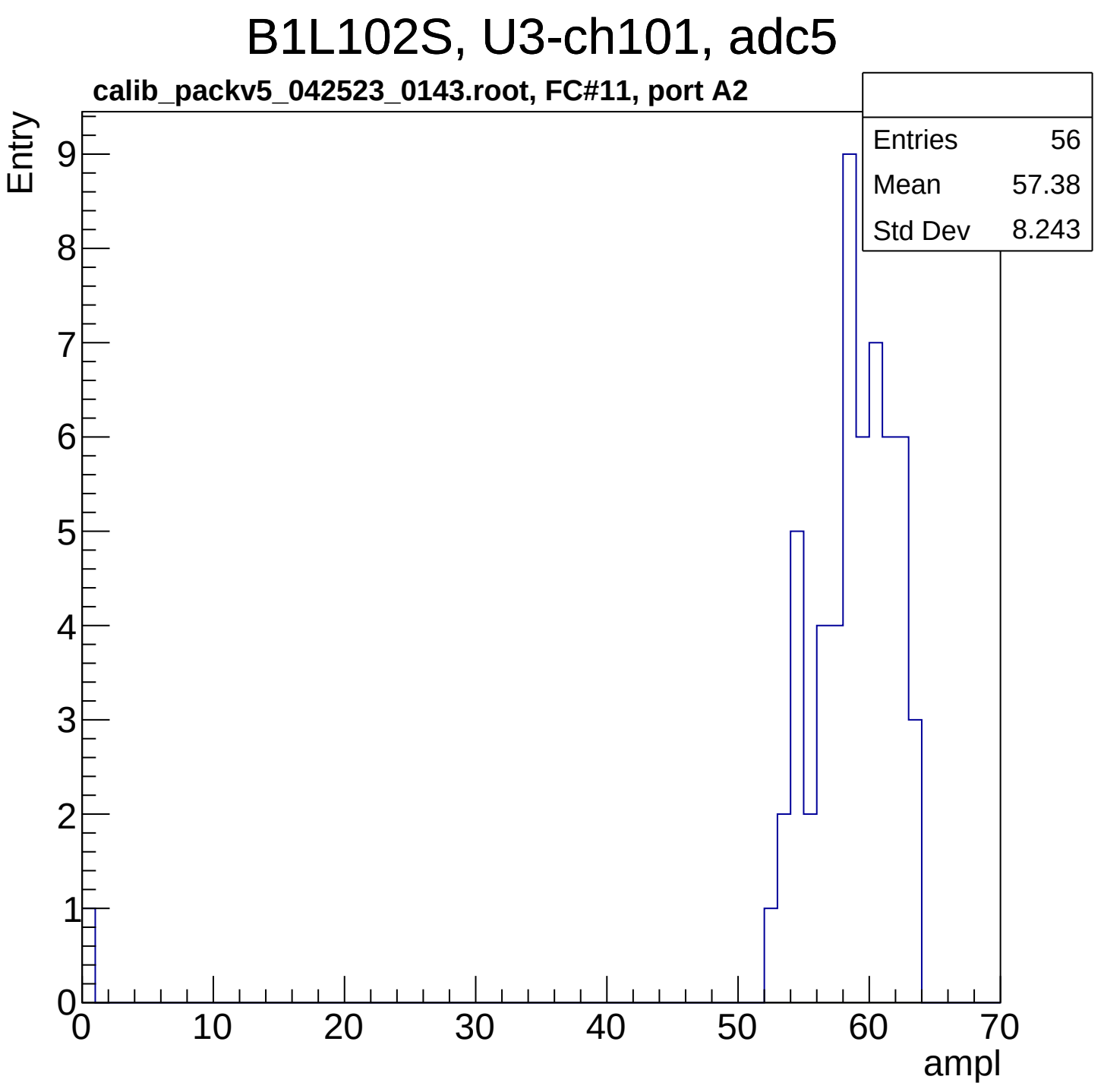
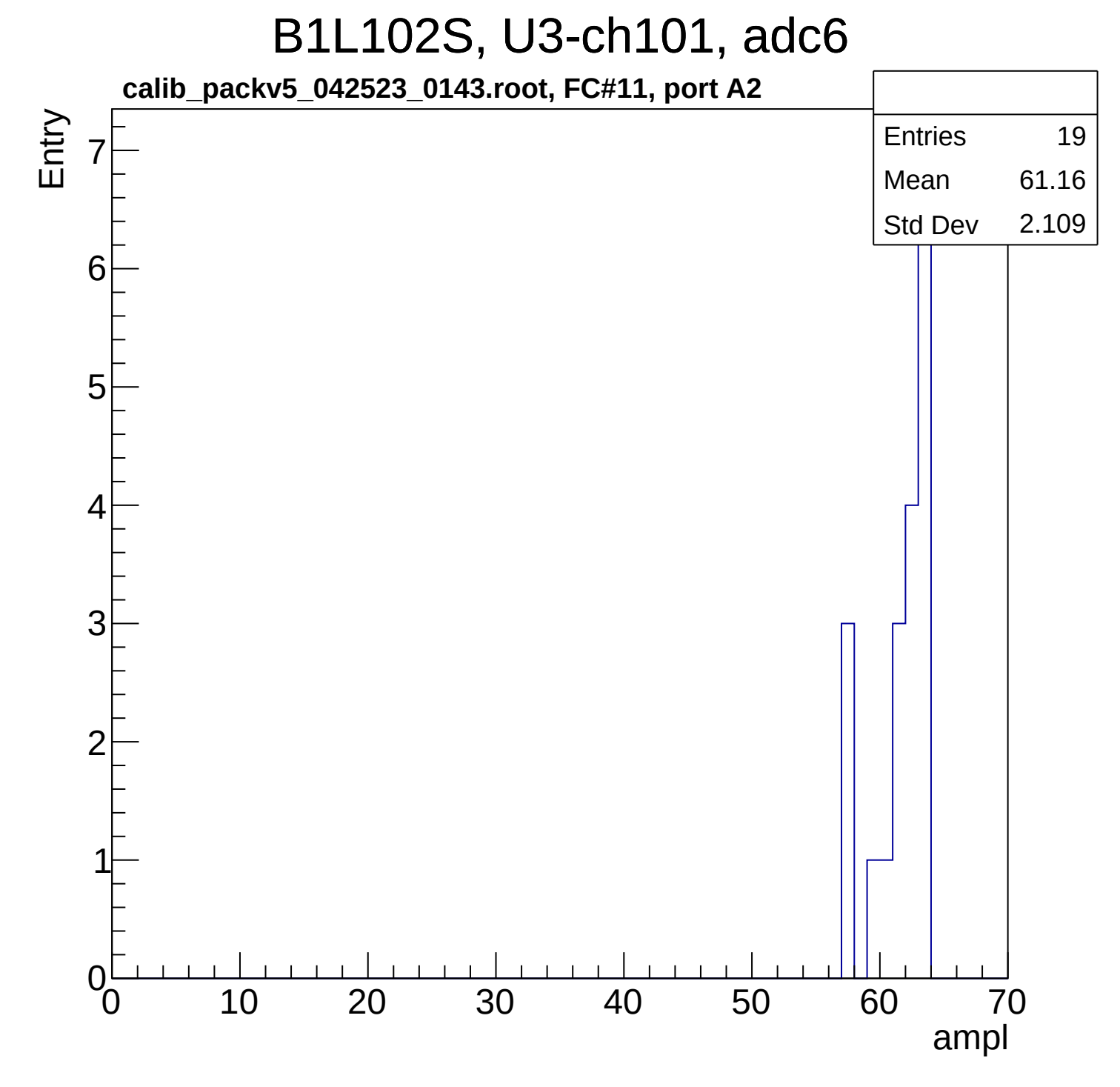
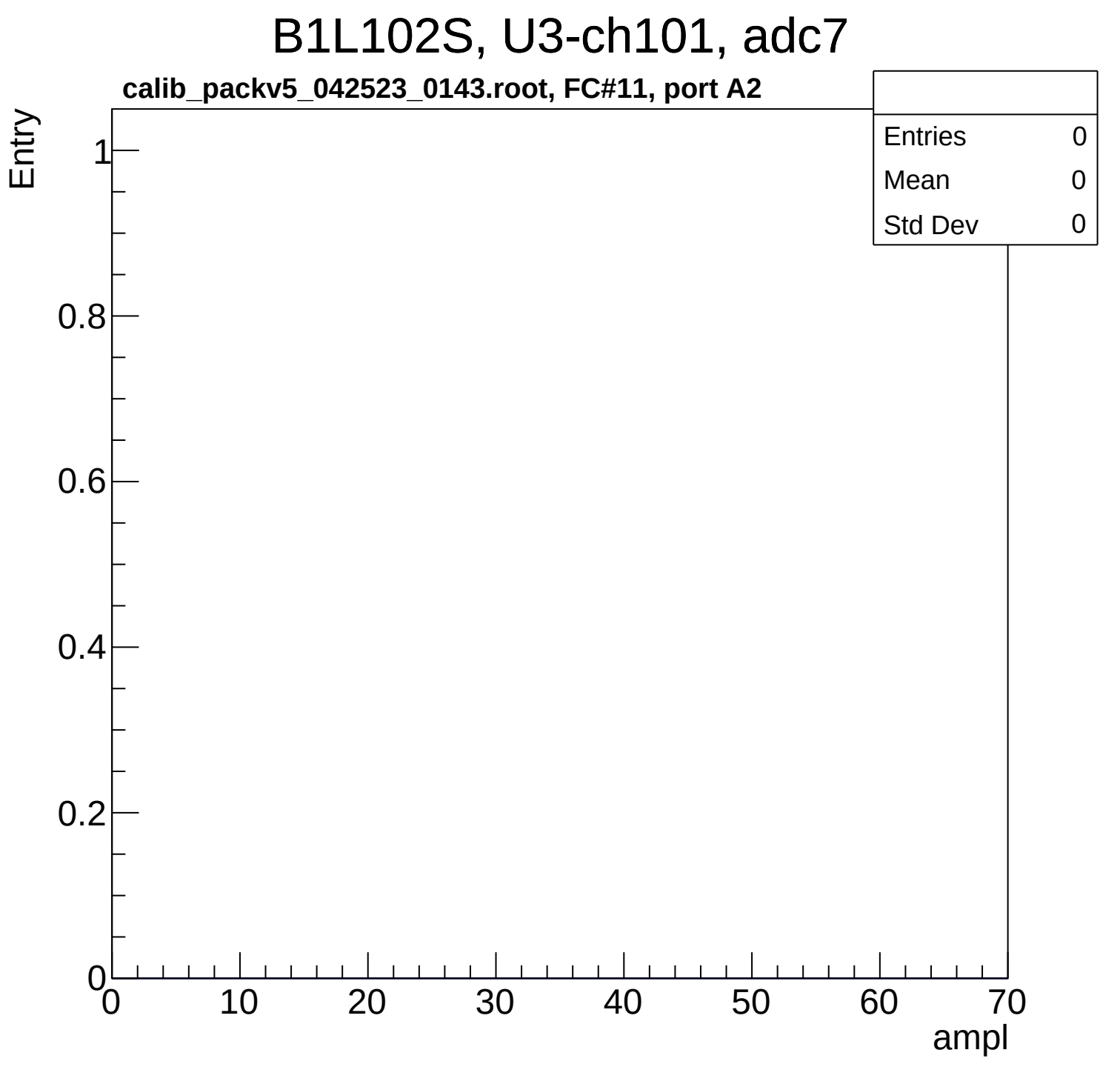
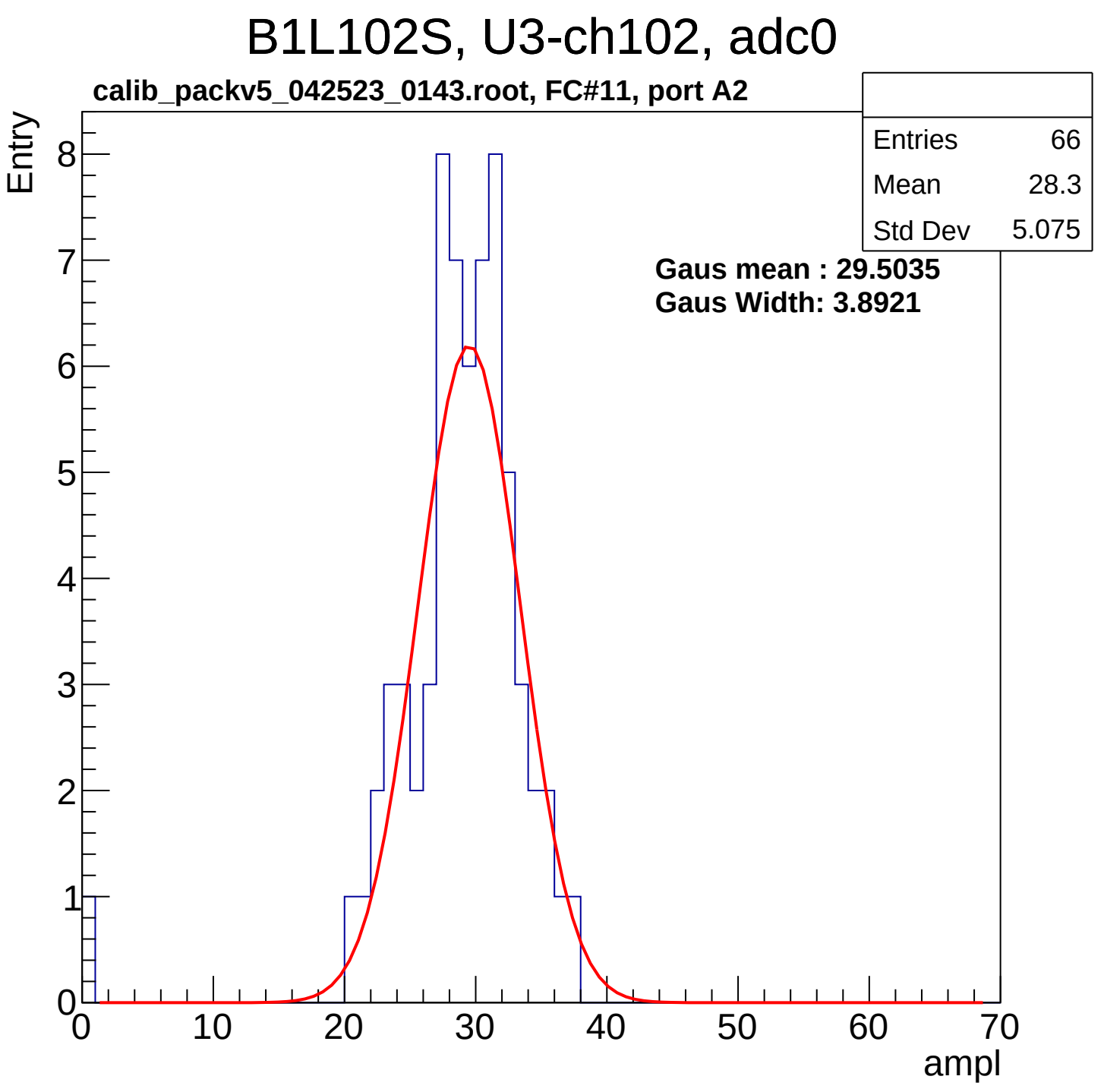

B1L102S, U3-ch101, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 47.37
Std Dev 3.509
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

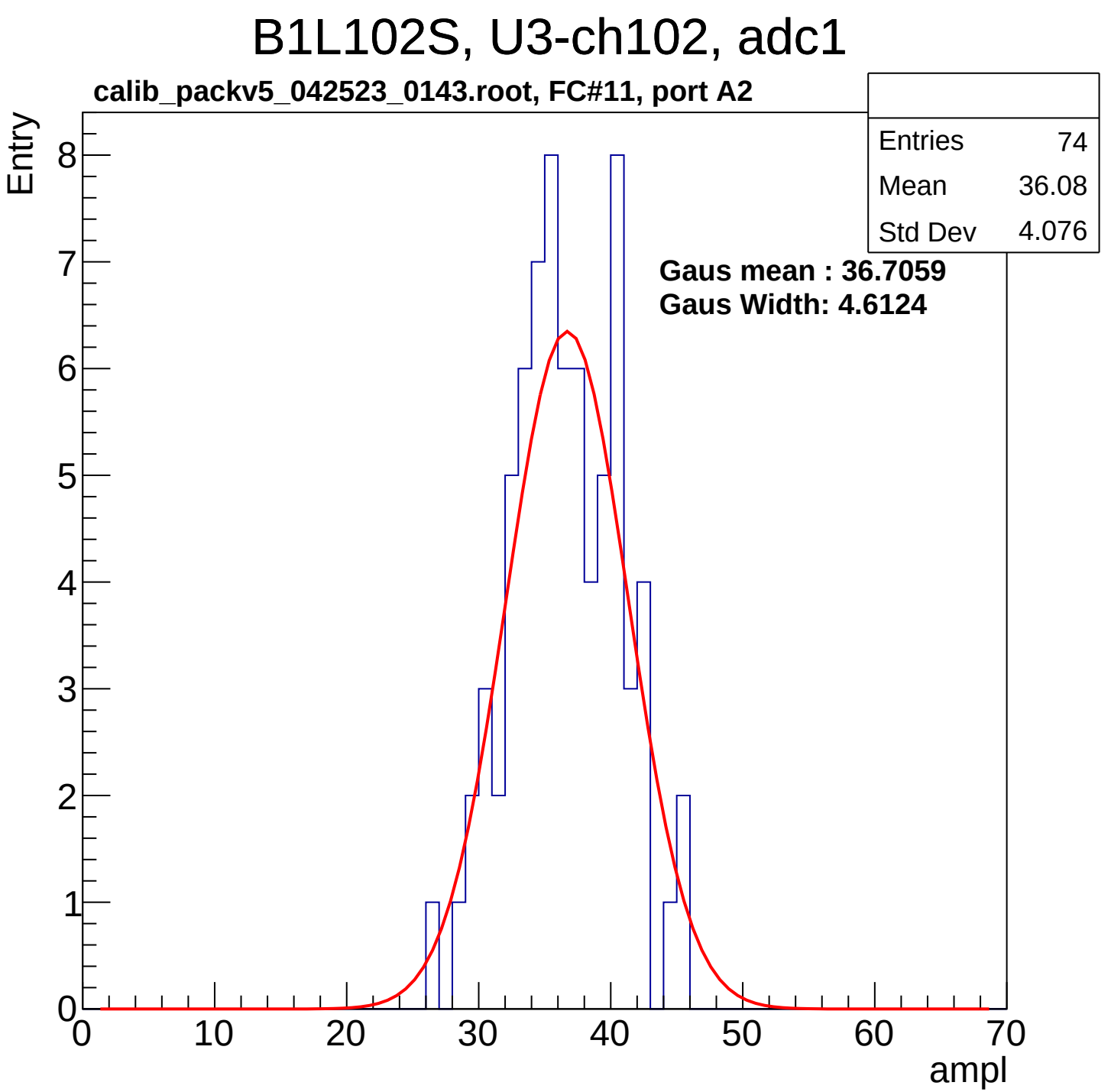

B1L102S, U3-ch101, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 52.86
Std Dev 3.729
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

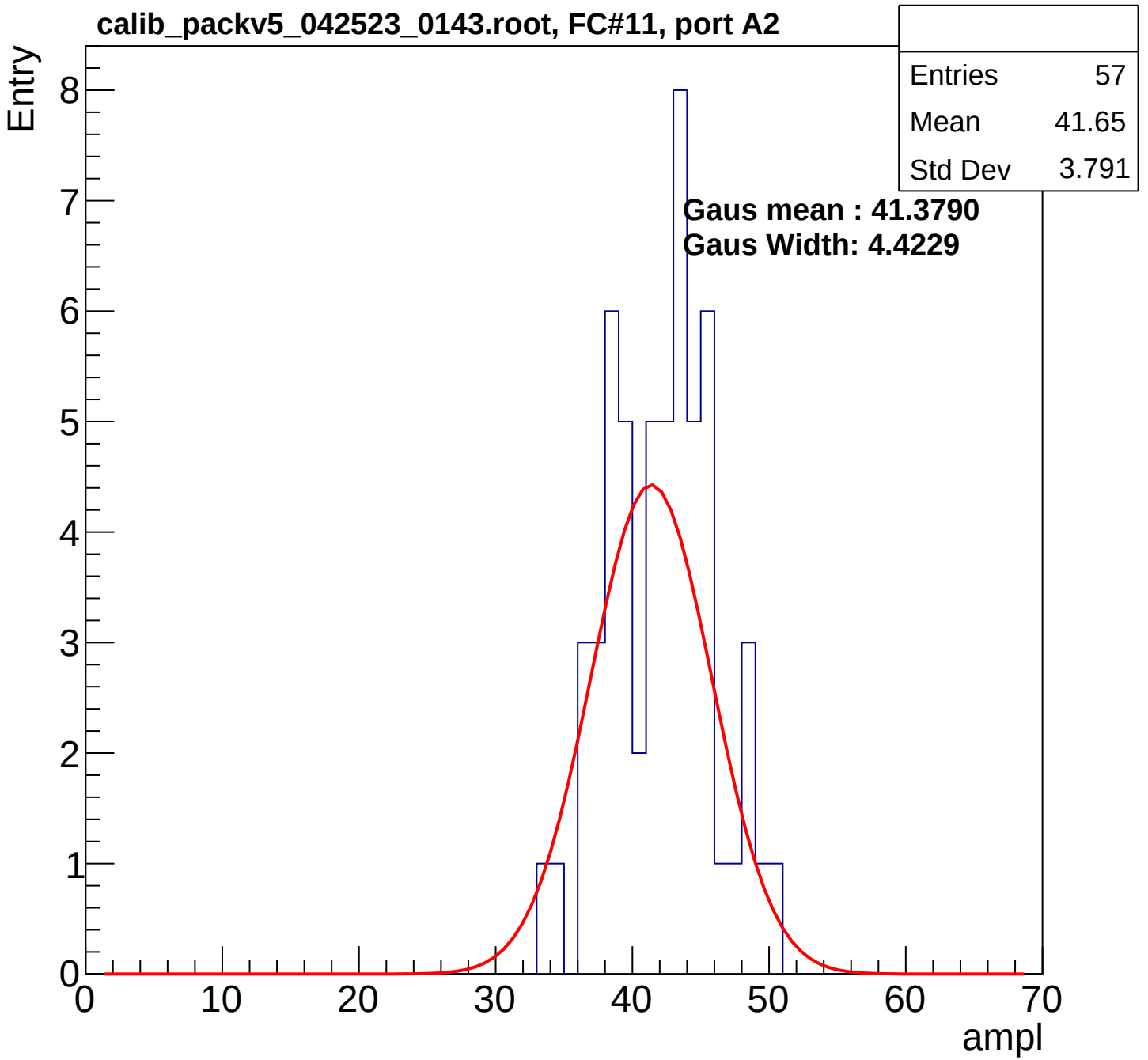

B1L102S, U3-ch101, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 57.38
Std Dev 8.243
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

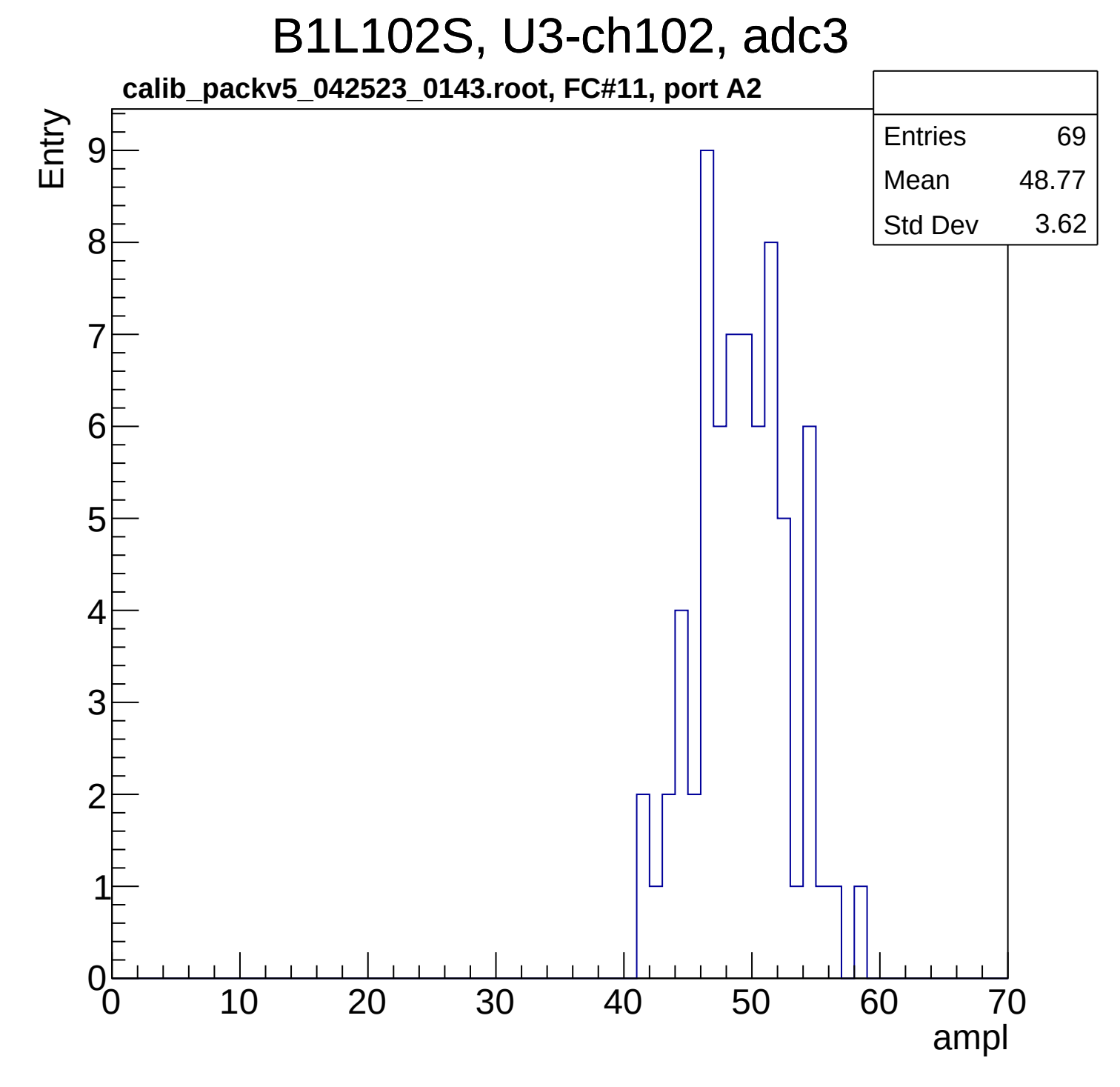

B1L102S, U3-ch101, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 19
Mean 61.16
Std Dev 2.109
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

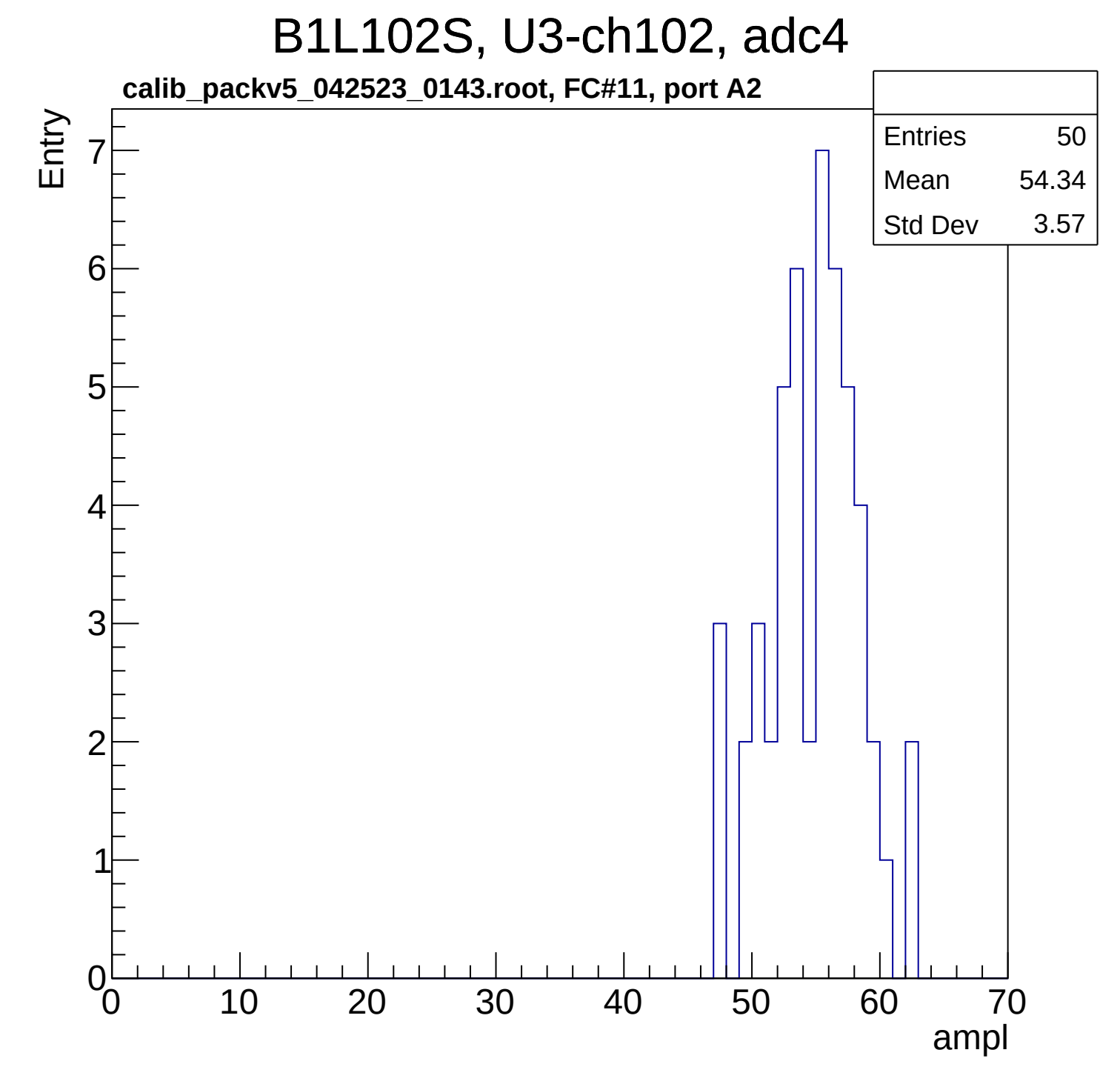

B1L102S, U3-ch101, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

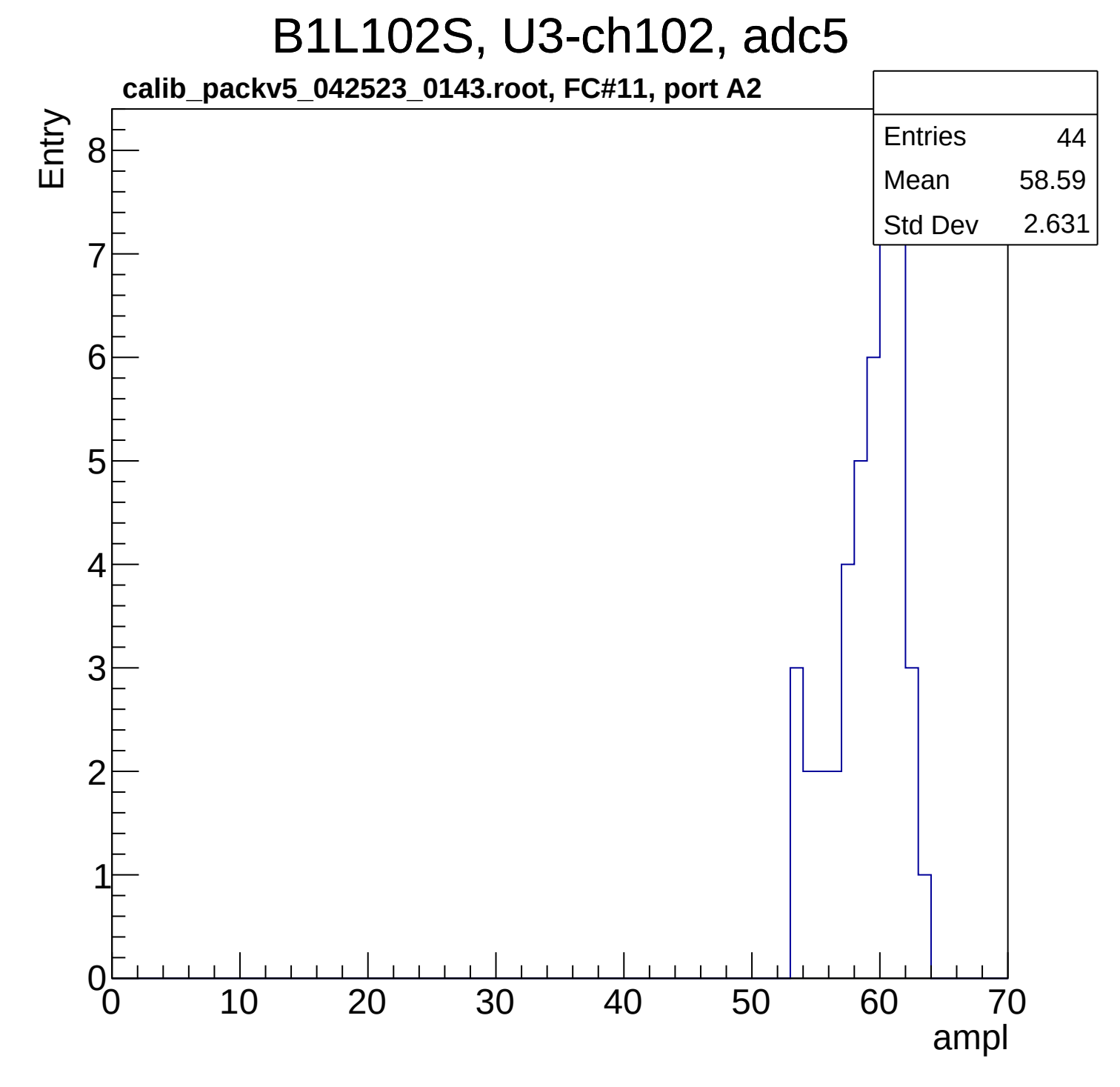

B1L102S, U3-ch102, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 28.3
Std Dev 5.075
Gaus mean : 29.5035
Gaus Width: 3.8921
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch102, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 36.08
Std Dev 4.076
Gaus mean : 36.7059
Gaus Width: 4.6124
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch102, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 41.65
Std Dev 3.791
Gaus mean : 41.3790
Gaus Width: 4.4229
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch102, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 48.77
Std Dev 3.62
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch102, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 54.34
Std Dev 3.57
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch102, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 58.59
Std Dev 2.631
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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60
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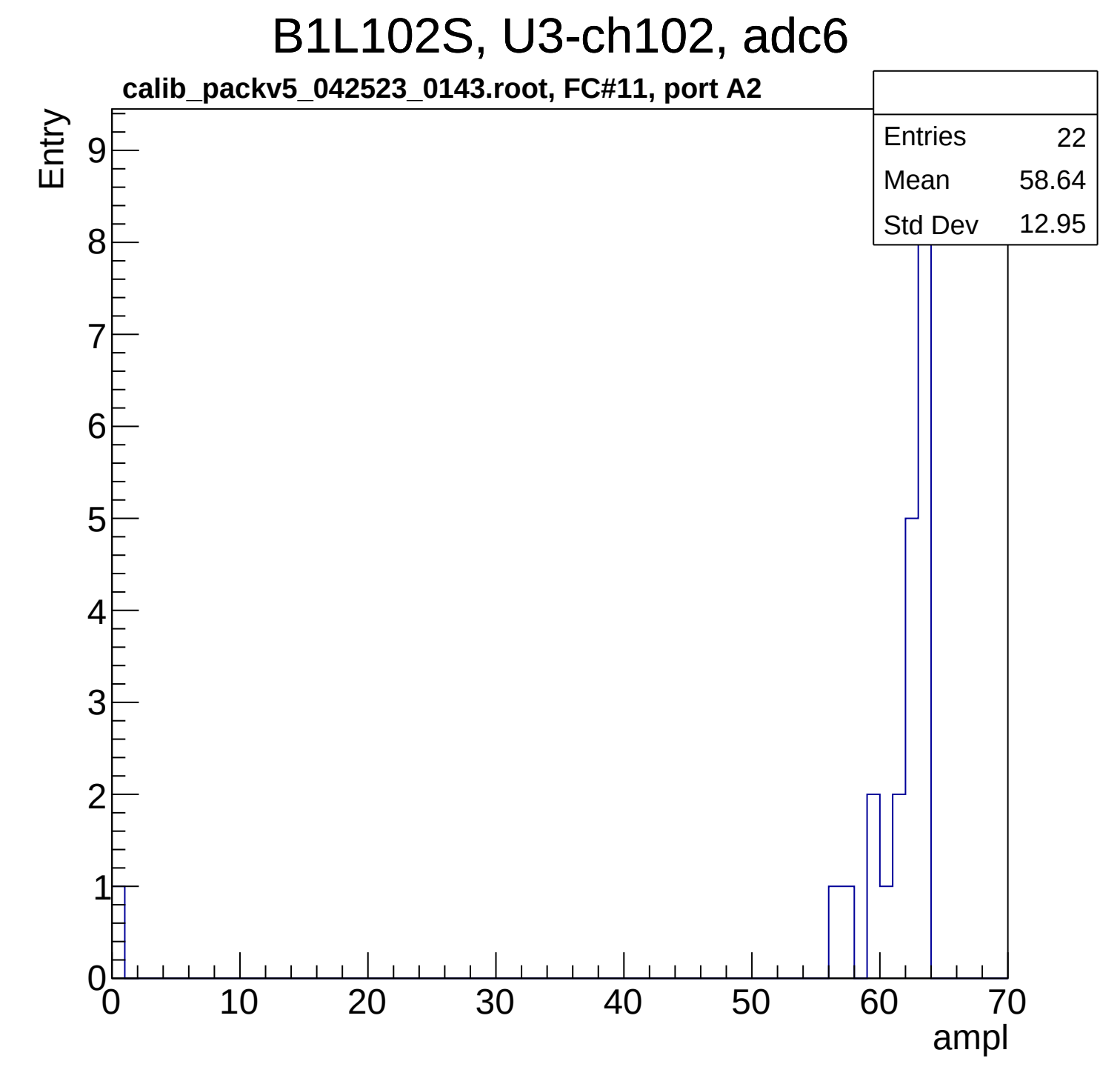
B1L102S, U3-ch102, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 22
Mean 58.64
Std Dev 12.95
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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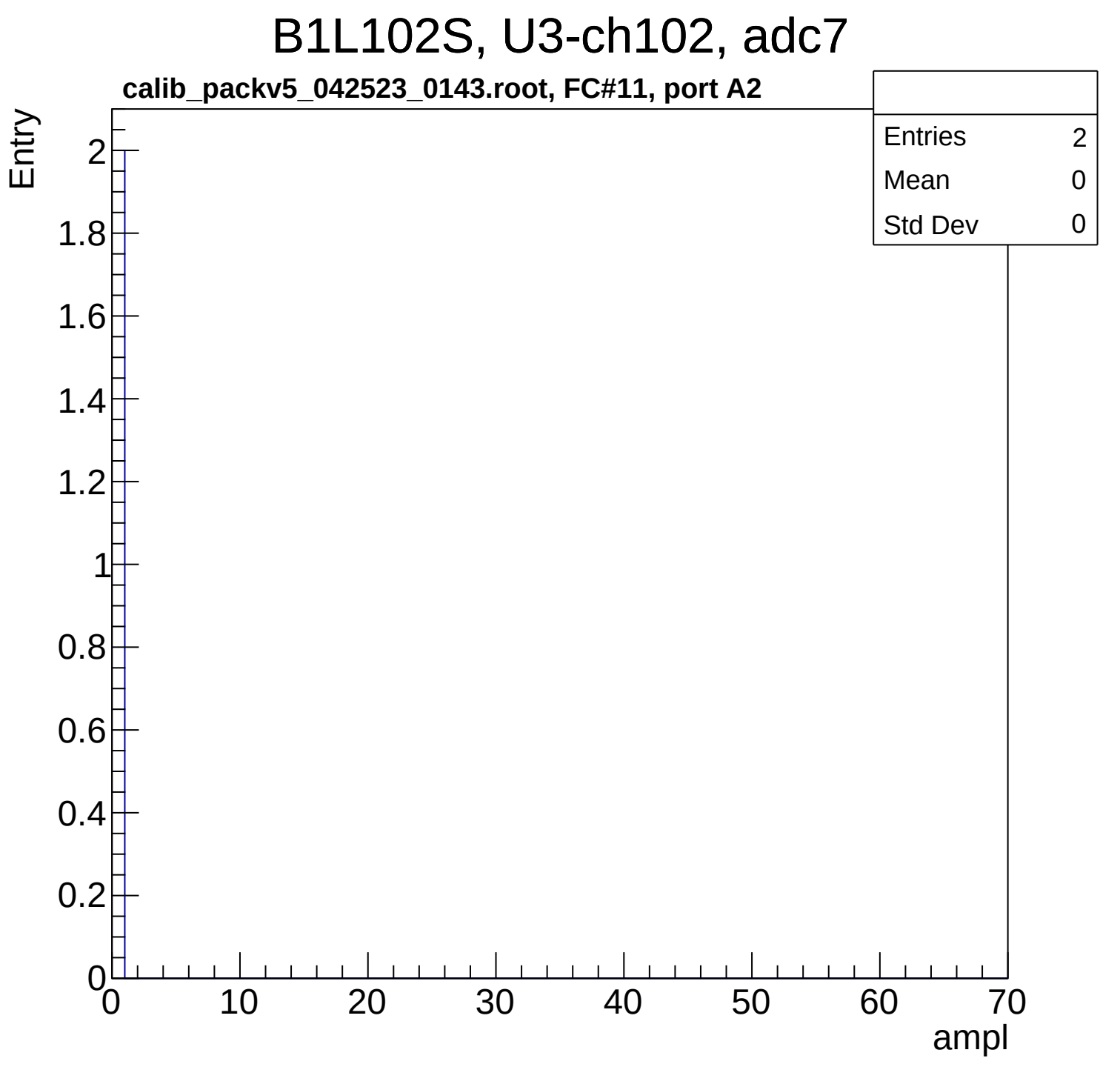
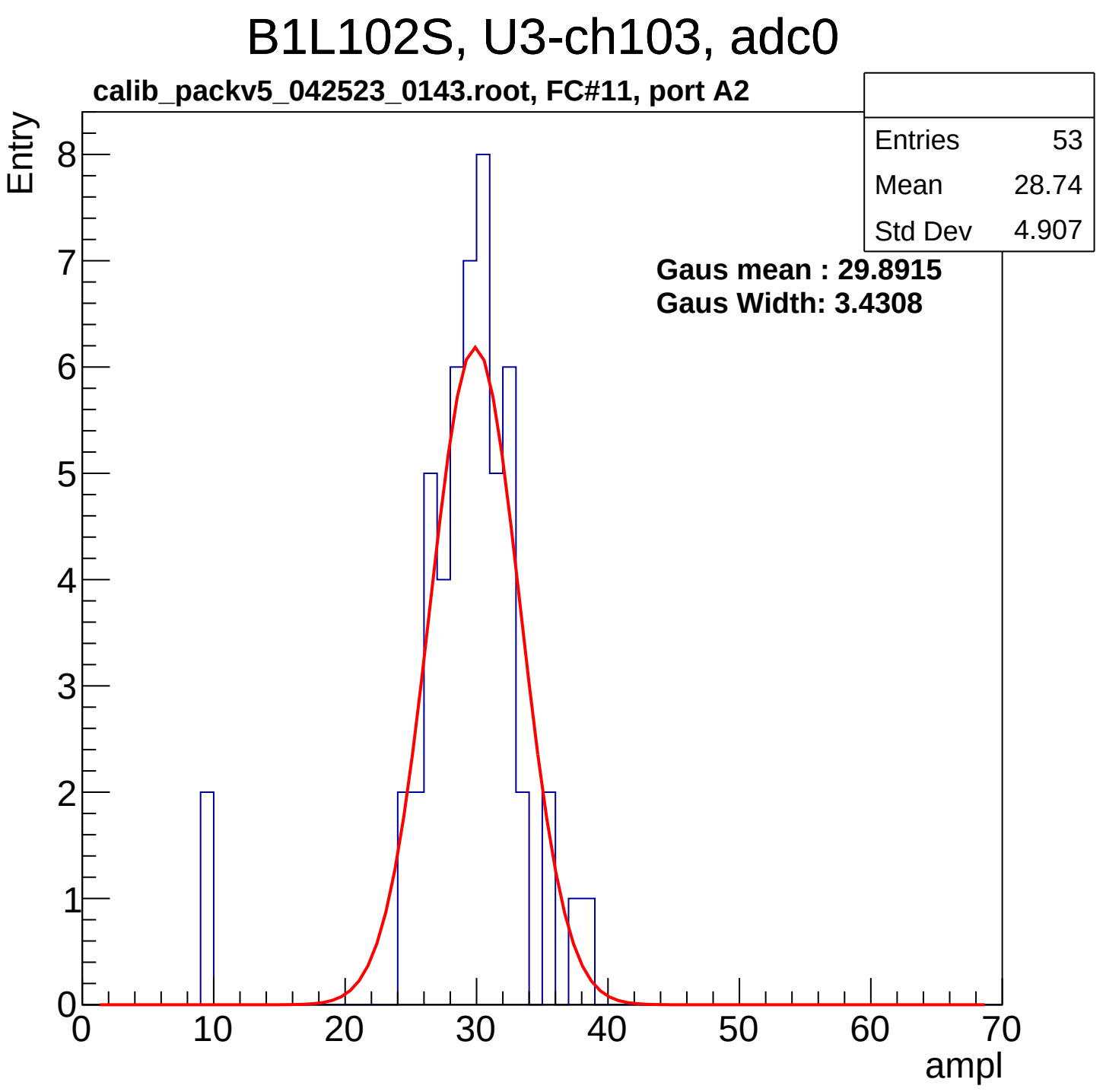

B1L102S, U3-ch102, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch103, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 28.74
Std Dev 4.907
Gaus mean : 29.8915
Gaus Width: 3.4308
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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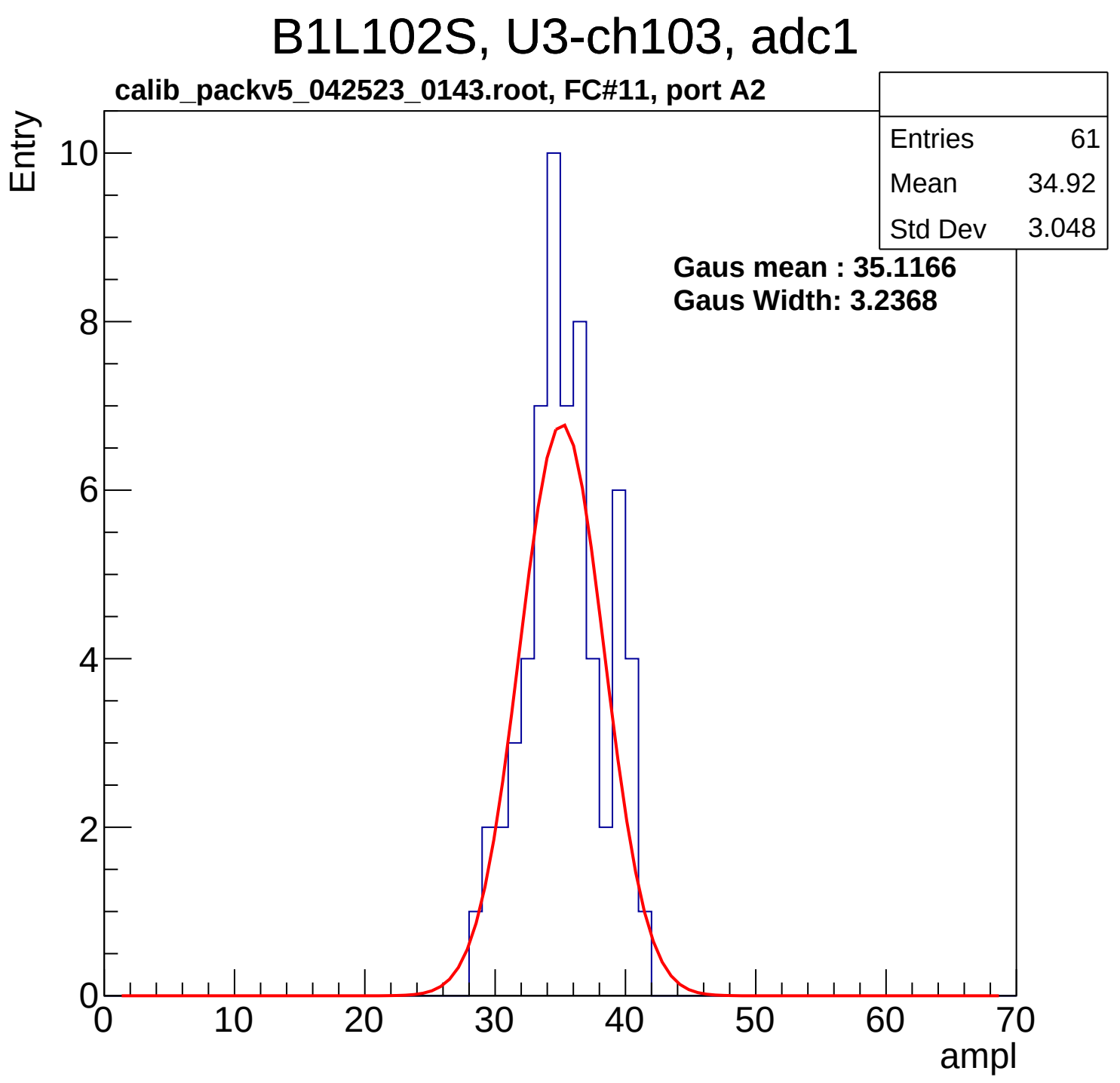
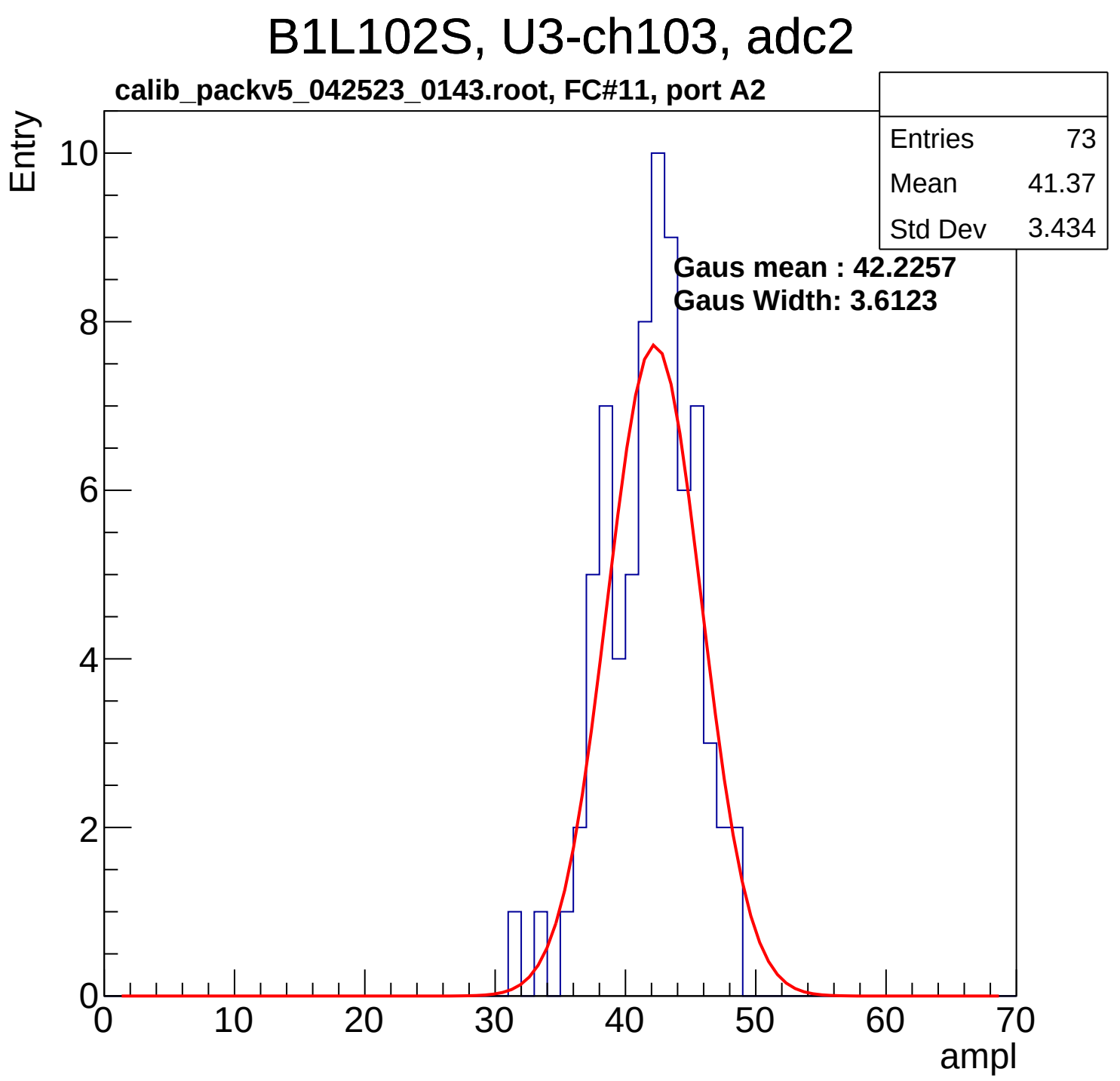
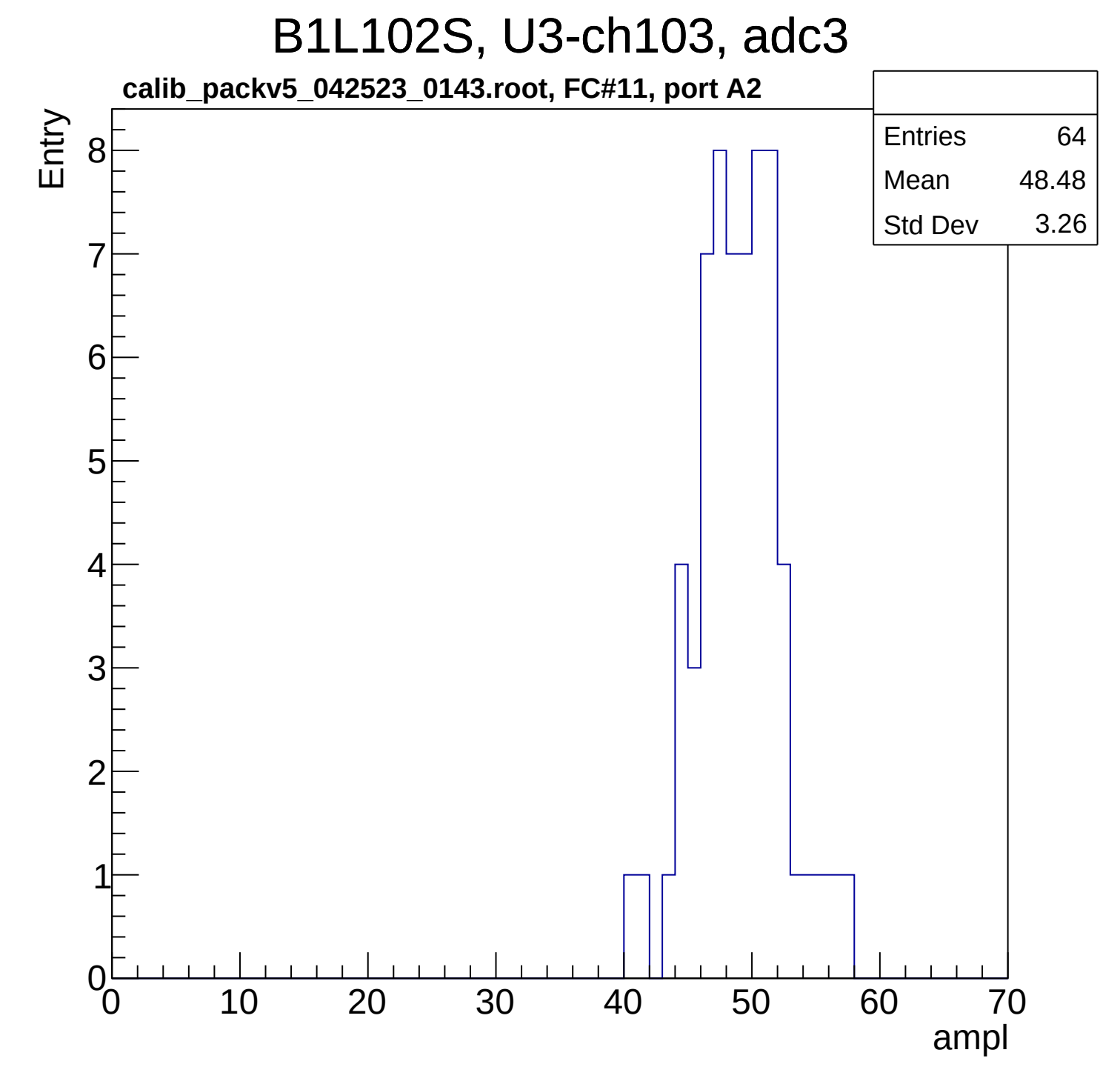

B1L102S, U3-ch103, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 34.92
Std Dev 3.048
Gaus mean : 35.1166
Gaus Width: 3.2368
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch103, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 41.37
Std Dev 3.434
Gaus mean : 42.2257
Gaus Width: 3.6123
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch103, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 48.48
Std Dev 3.26
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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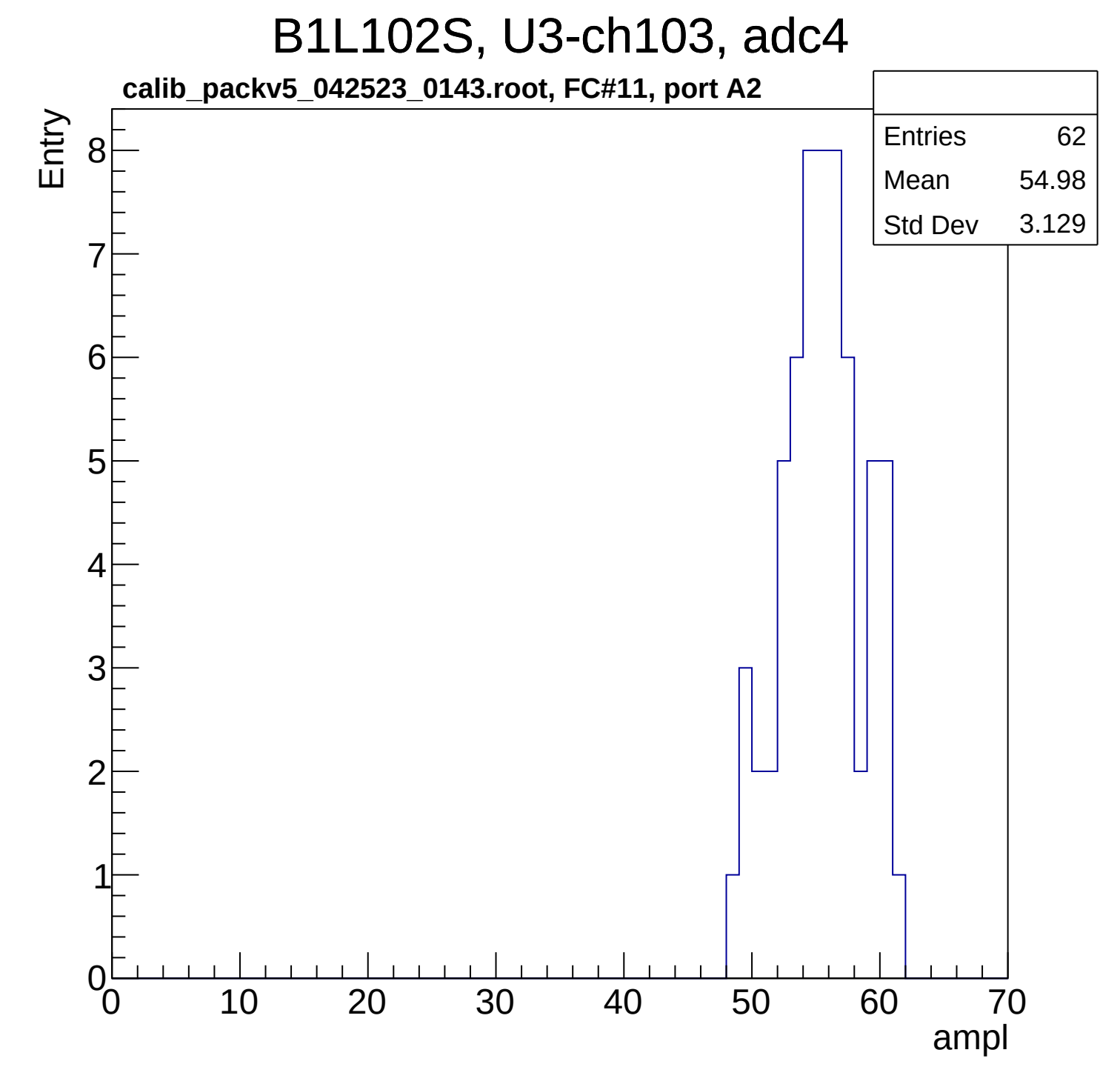
B1L102S, U3-ch103, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 54.98
Std Dev 3.129
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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60
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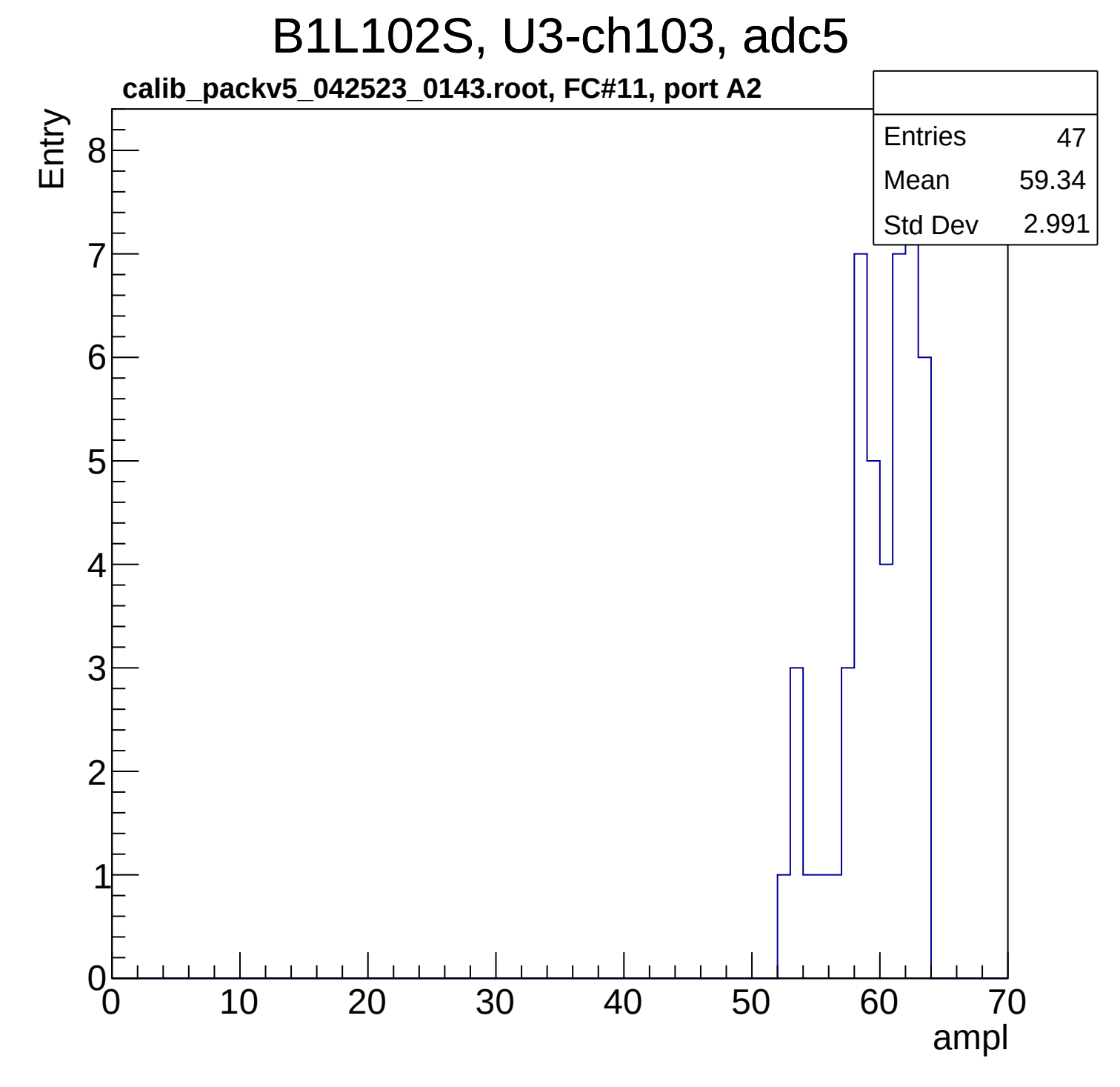
B1L102S, U3-ch103, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 59.34
Std Dev 2.991
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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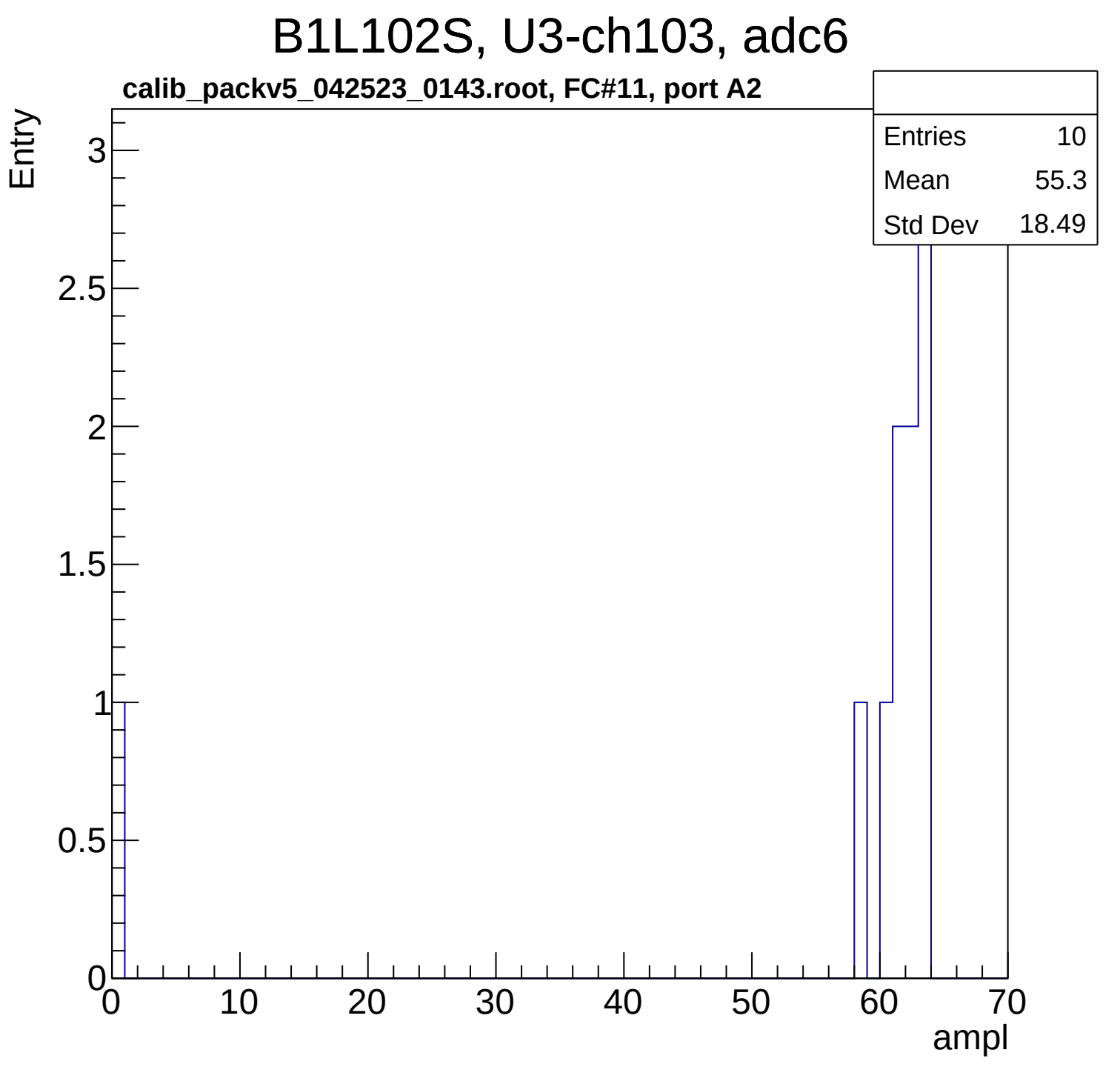
B1L102S, U3-ch103, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 55.3
Std Dev 18.49
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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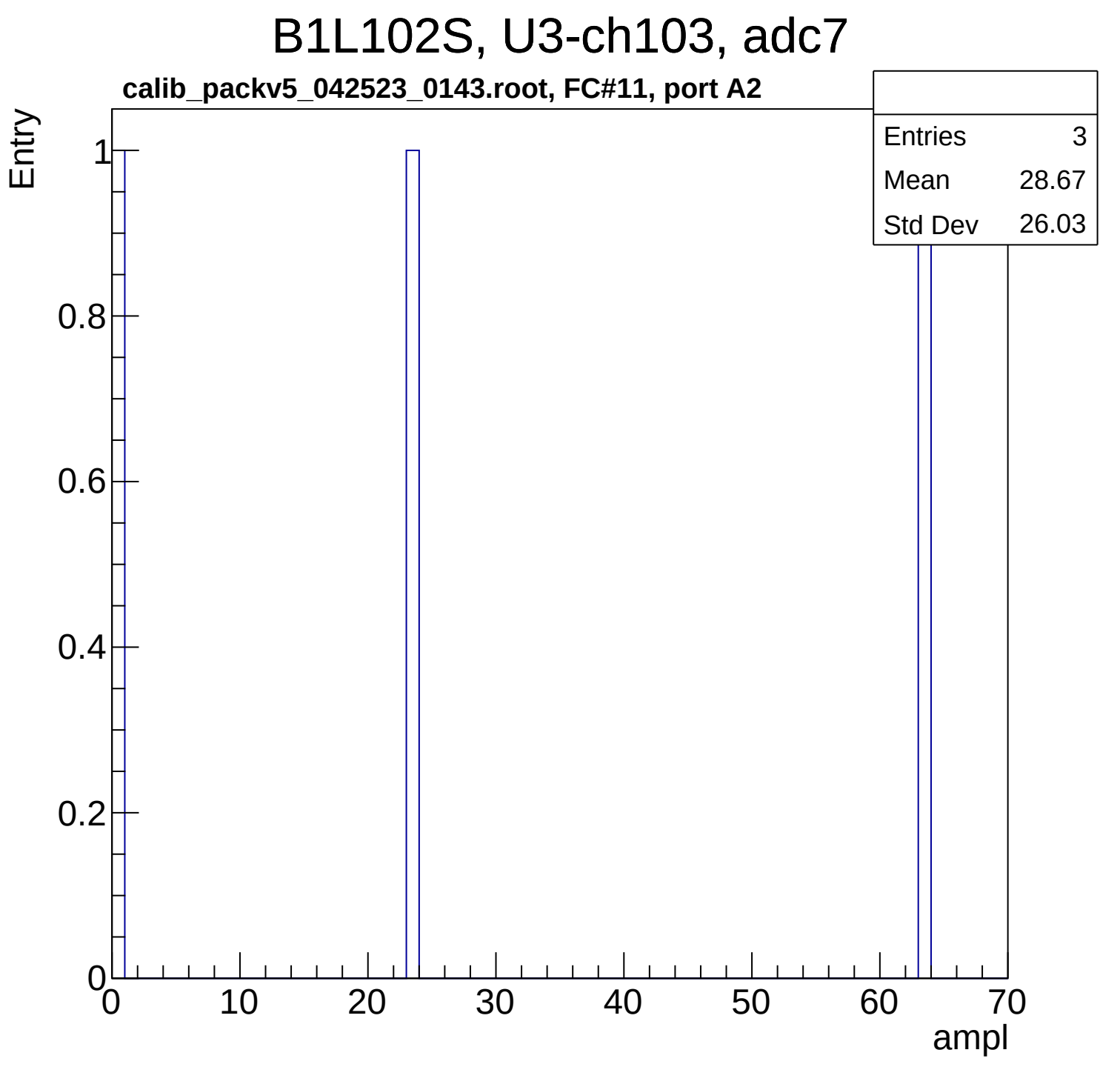
B1L102S, U3-ch103, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 28.67
Std Dev 26.03
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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40
50
60
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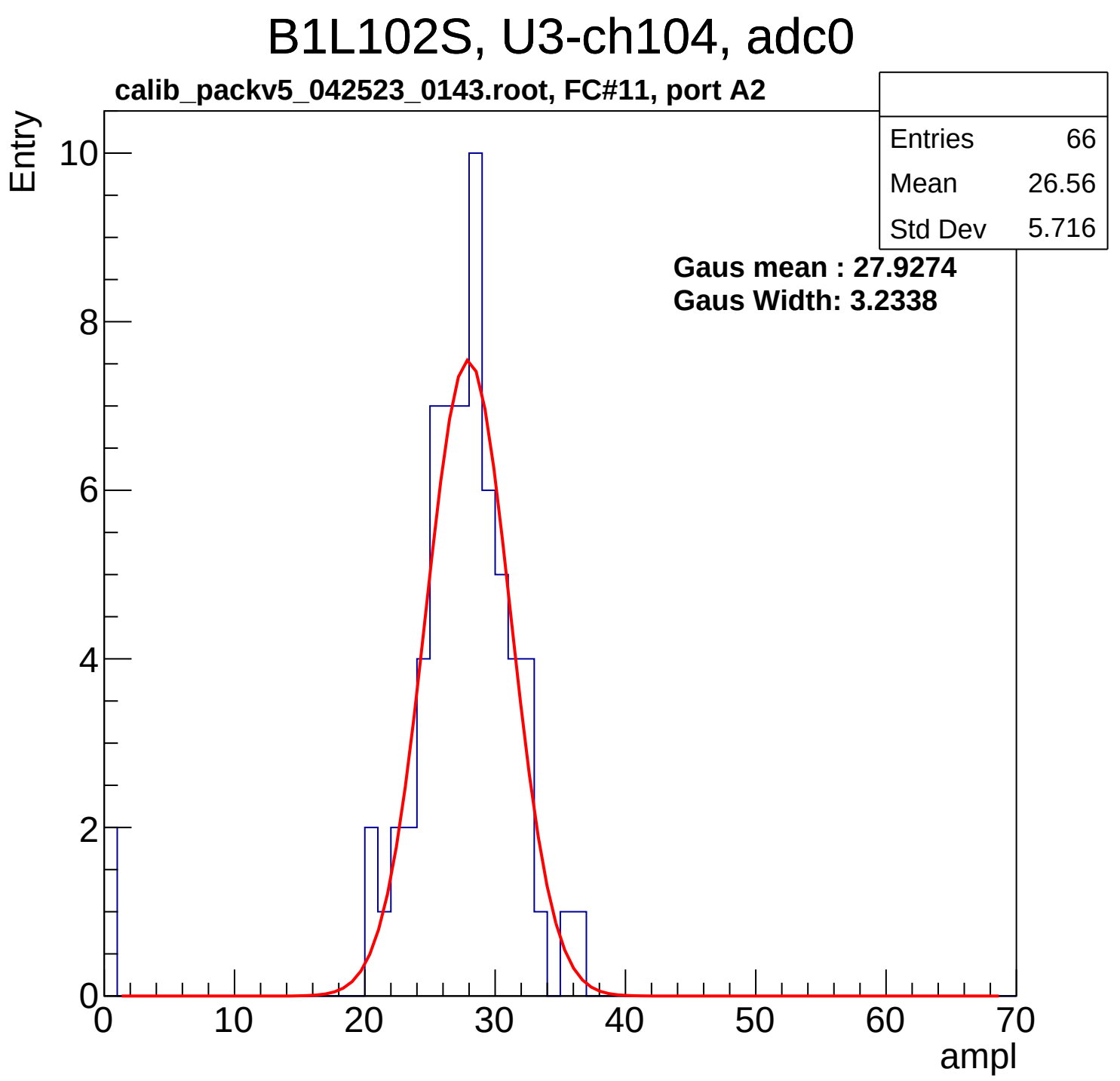
B1L102S, U3-ch104, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 26.56
Std Dev 5.716
Gaus mean : 27.9274
Gaus Width: 3.2338
Entry
ampl
0
2
4
6
8
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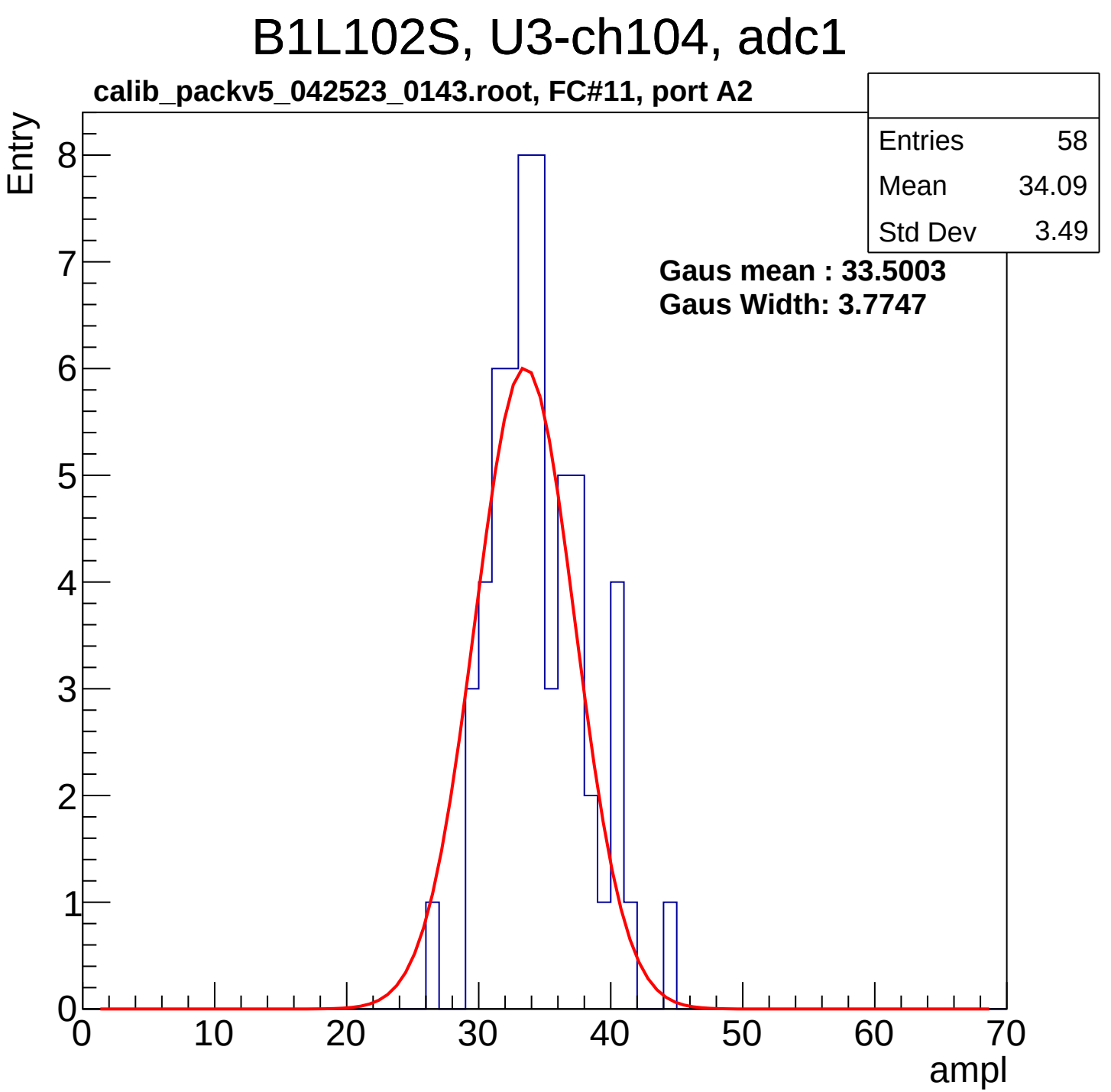
0
10
20
30
40
50
60
70


B1L102S, U3-ch104, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 34.09
Std Dev 3.49
Gaus mean : 33.5003
Gaus Width: 3.7747
Entry
ampl
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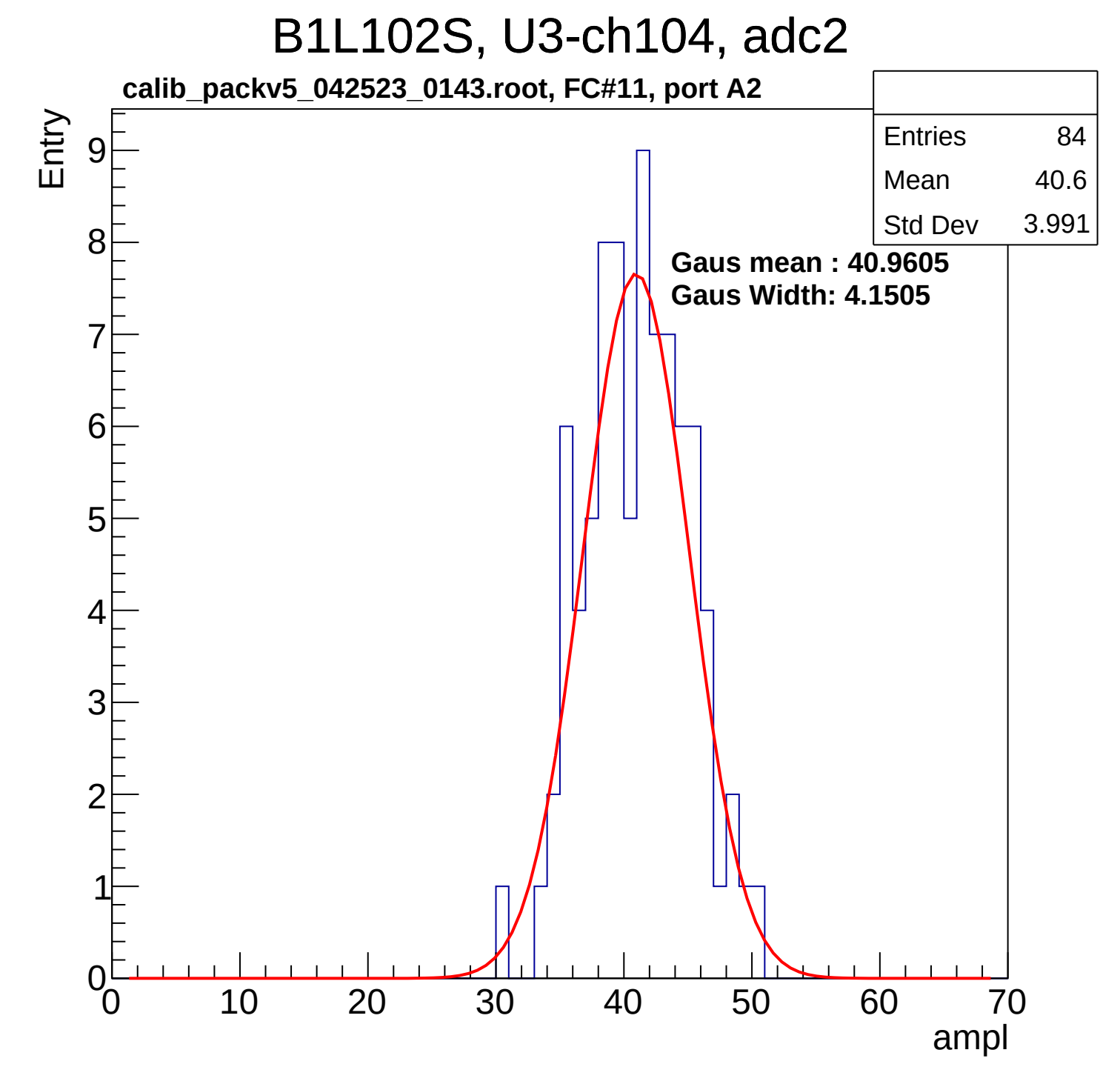
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch104, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 40.6
Std Dev 3.991
Gaus mean : 40.9605
Gaus Width: 4.1505
Entry
ampl
0
1
2
3
4
5
6
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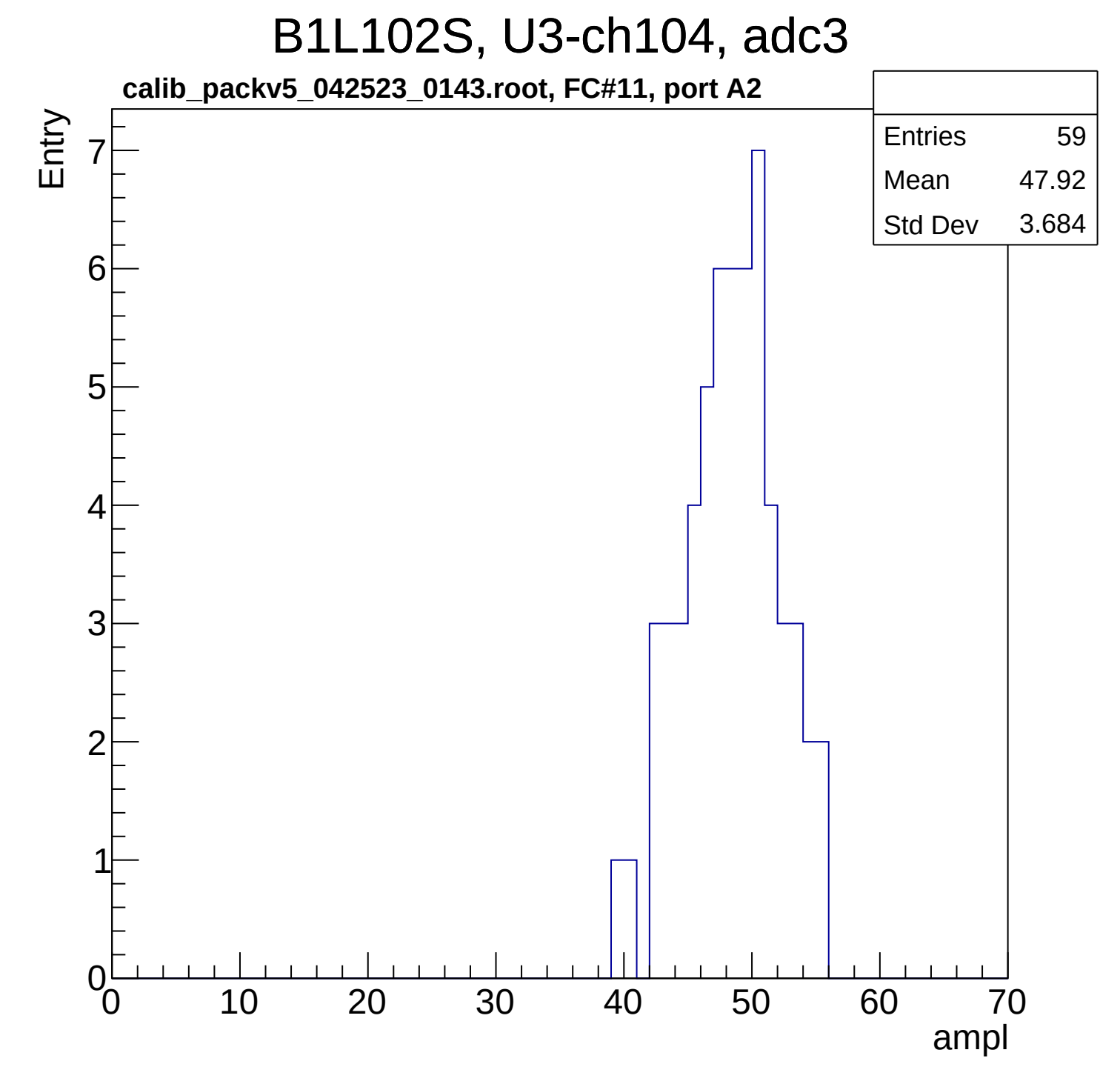
B1L102S, U3-ch104, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 47.92
Std Dev 3.684
Entry
ampl
0
1
2
3
4
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0
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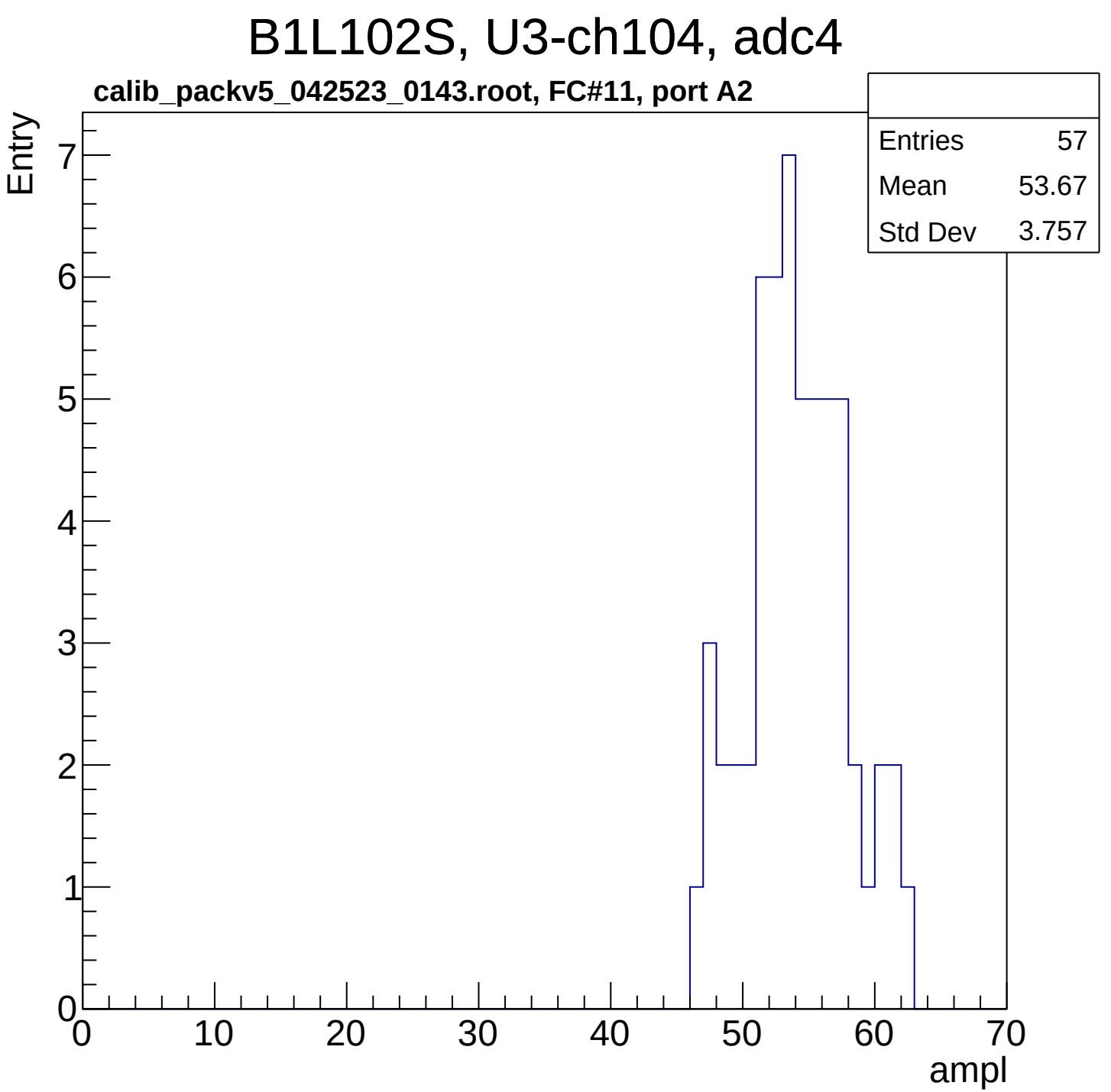
B1L102S, U3-ch104, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 53.67
Std Dev 3.757
Entry
ampl
0
1
2
3
4
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60
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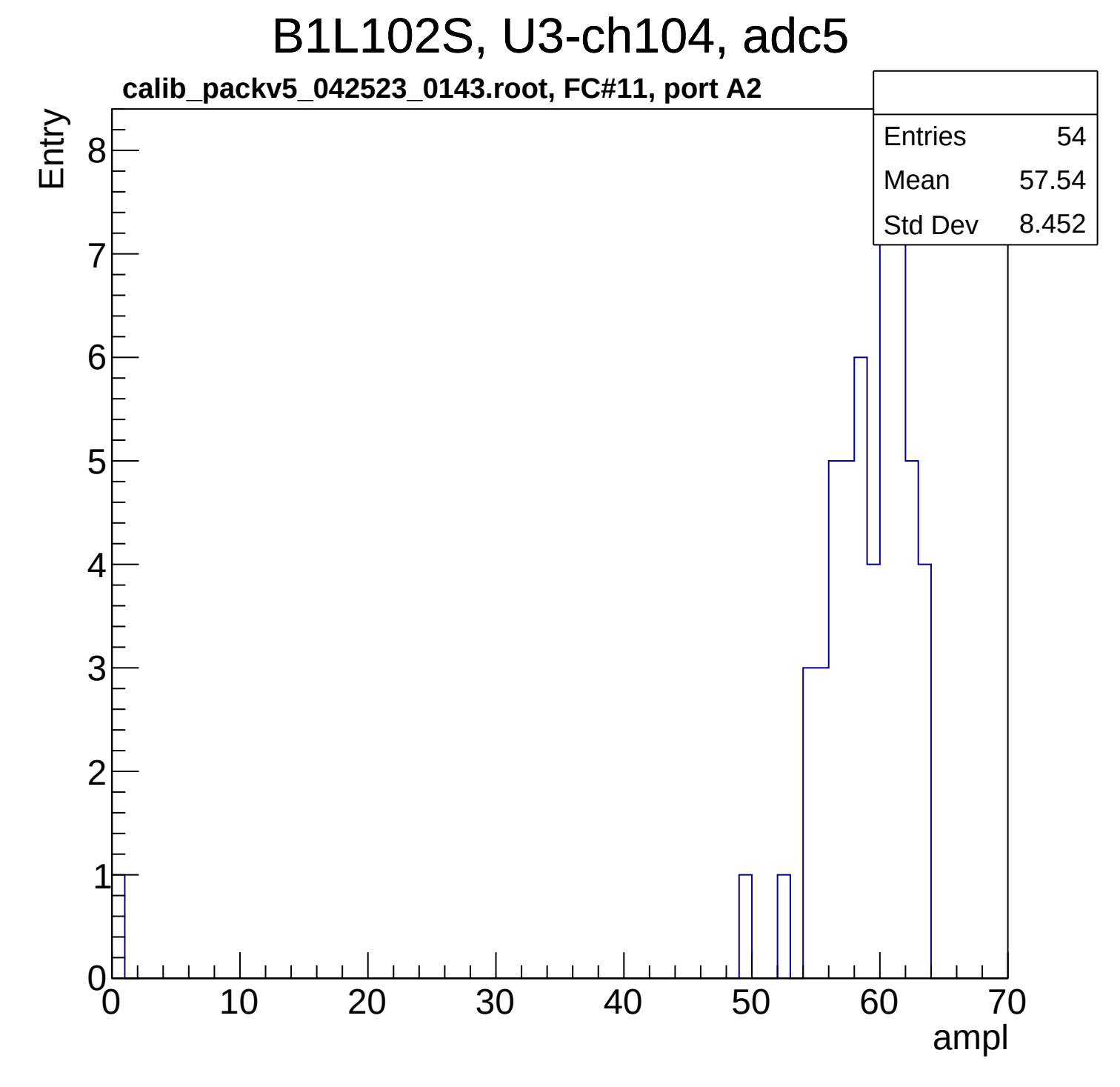
B1L102S, U3-ch104, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 57.54
Std Dev 8.452
Entry
ampl
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2
3
4
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0
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60
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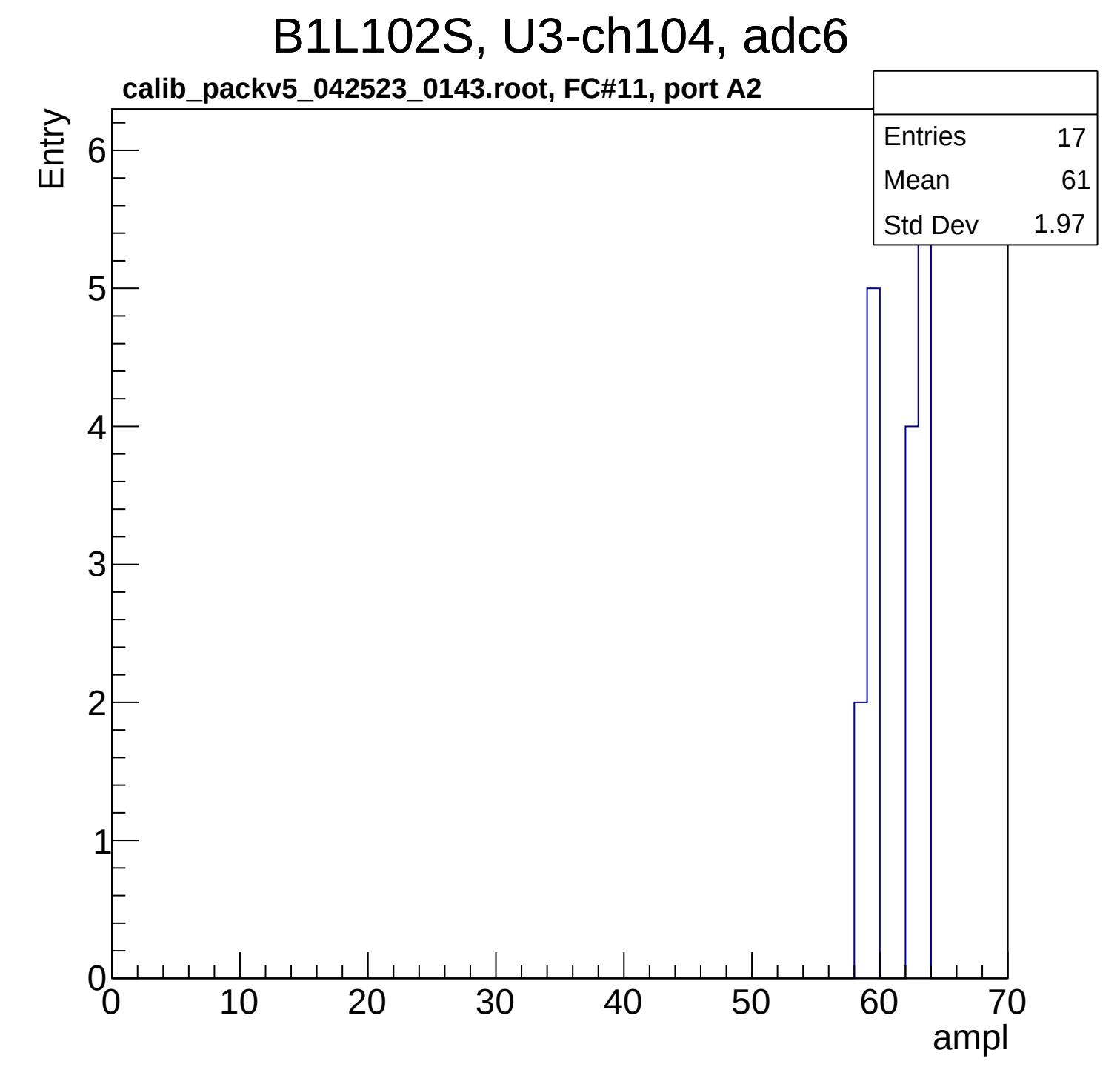
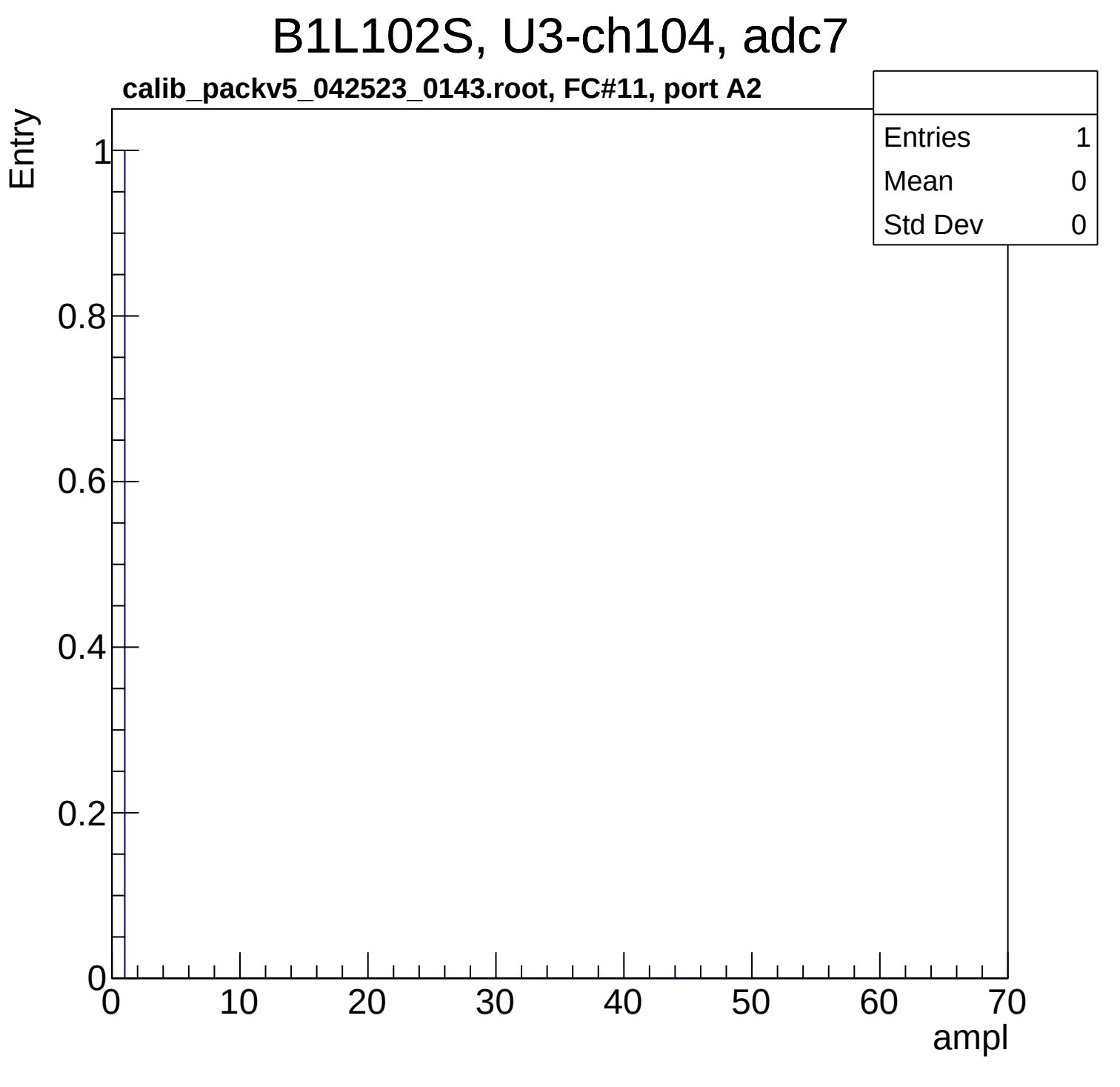

B1L102S, U3-ch104, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 17
Mean 61
Std Dev 1.97
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch104, 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
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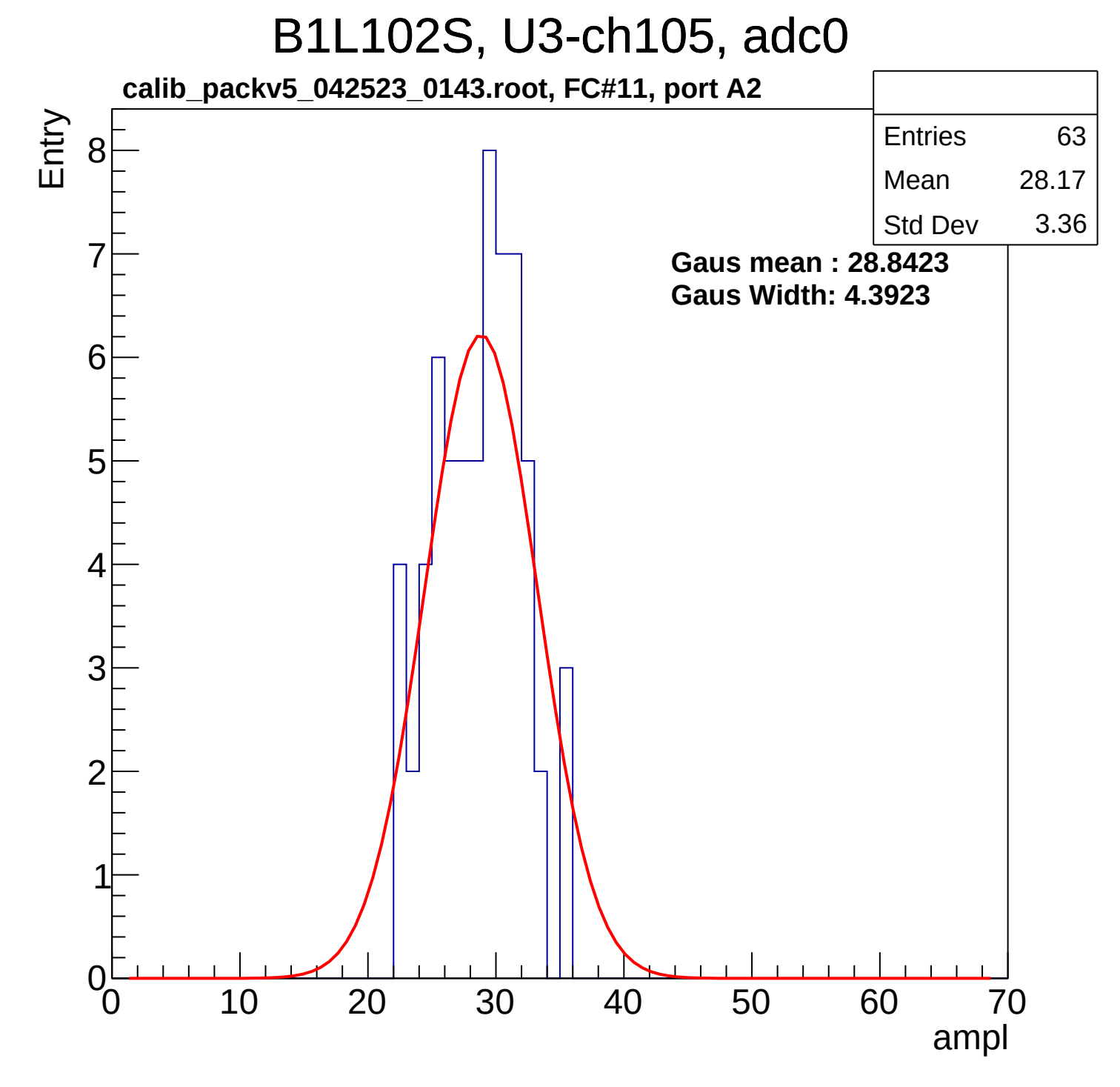
40
50
60
70
ampl


B1L102S, U3-ch105, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 28.17
Std Dev 3.36
Gaus mean : 28.8423
Gaus Width: 4.3923
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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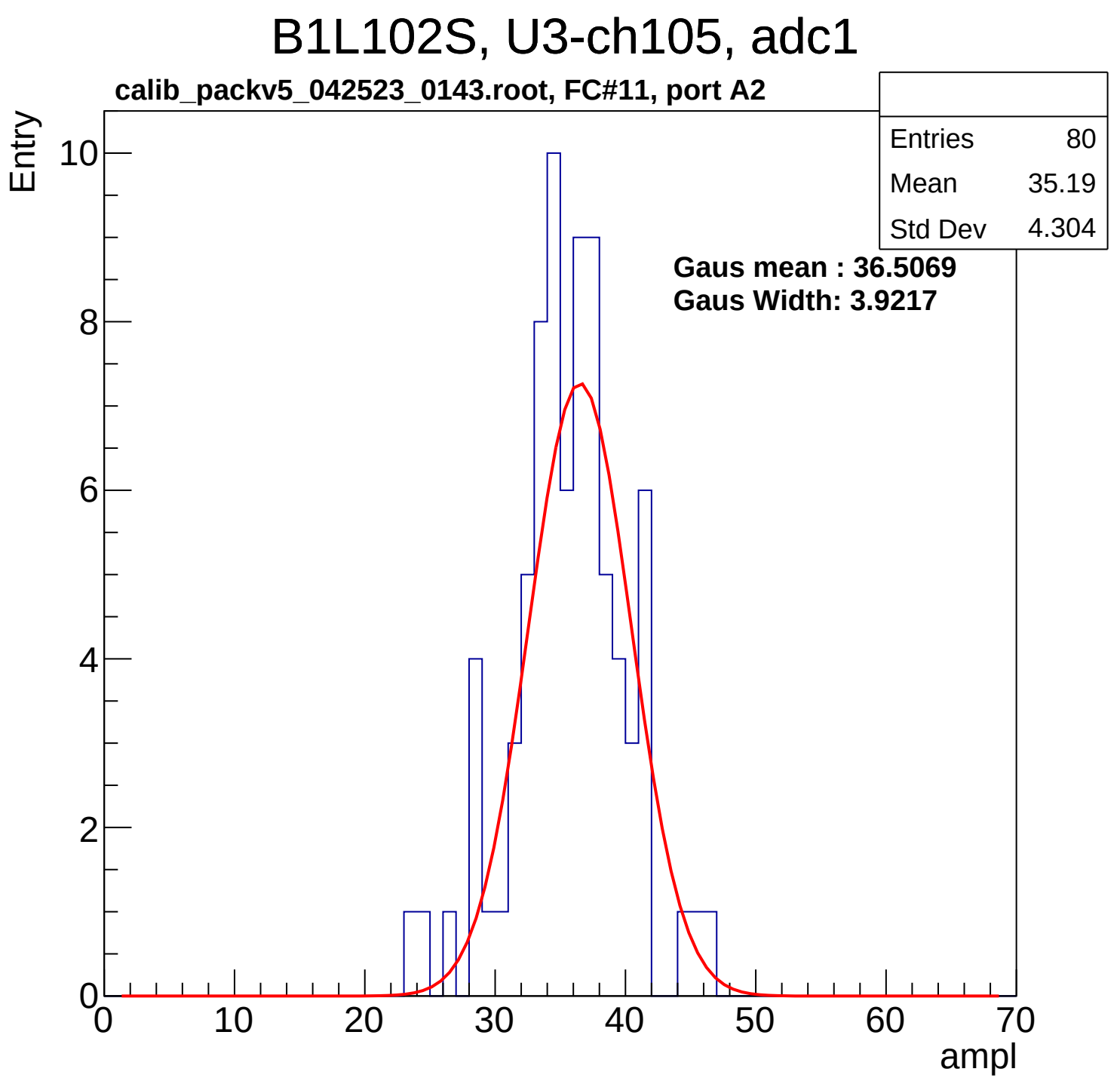
B1L102S, U3-ch105, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 35.19
Std Dev 4.304
Gaus mean : 36.5069
Gaus Width: 3.9217
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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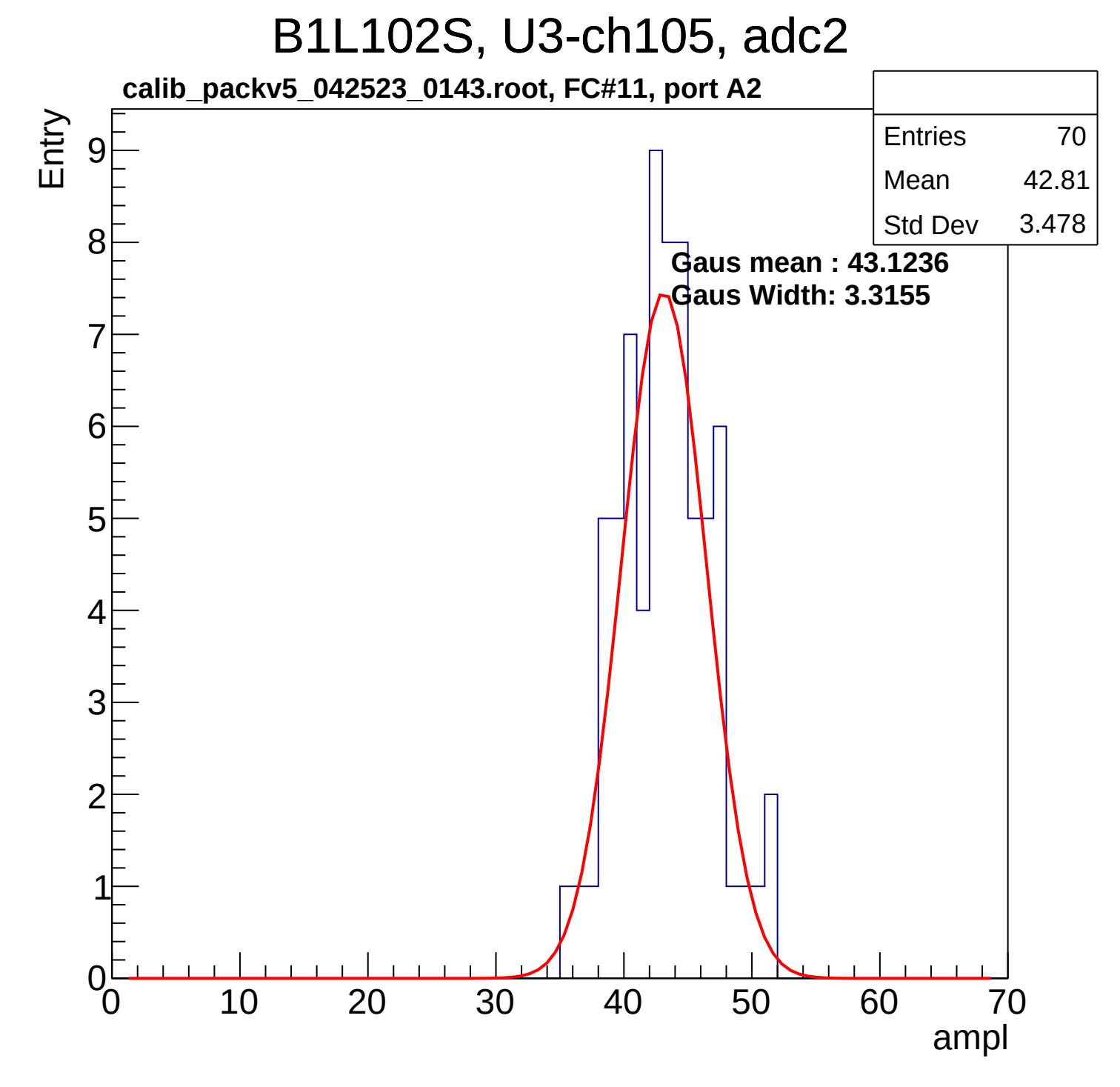
B1L102S, U3-ch105, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 42.81
Std Dev 3.478
Gaus mean : 43.1236
Gaus Width: 3.3155
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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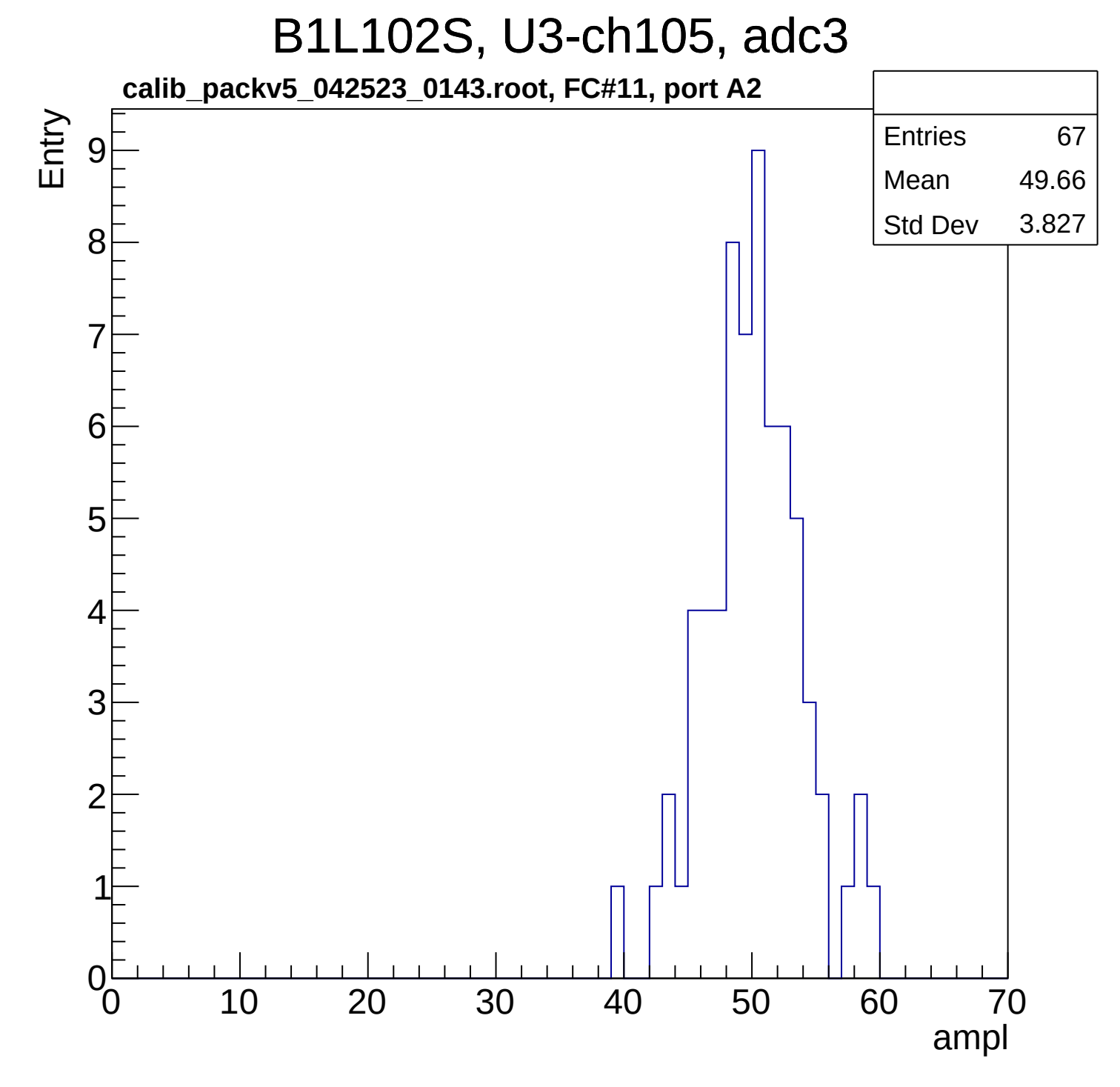
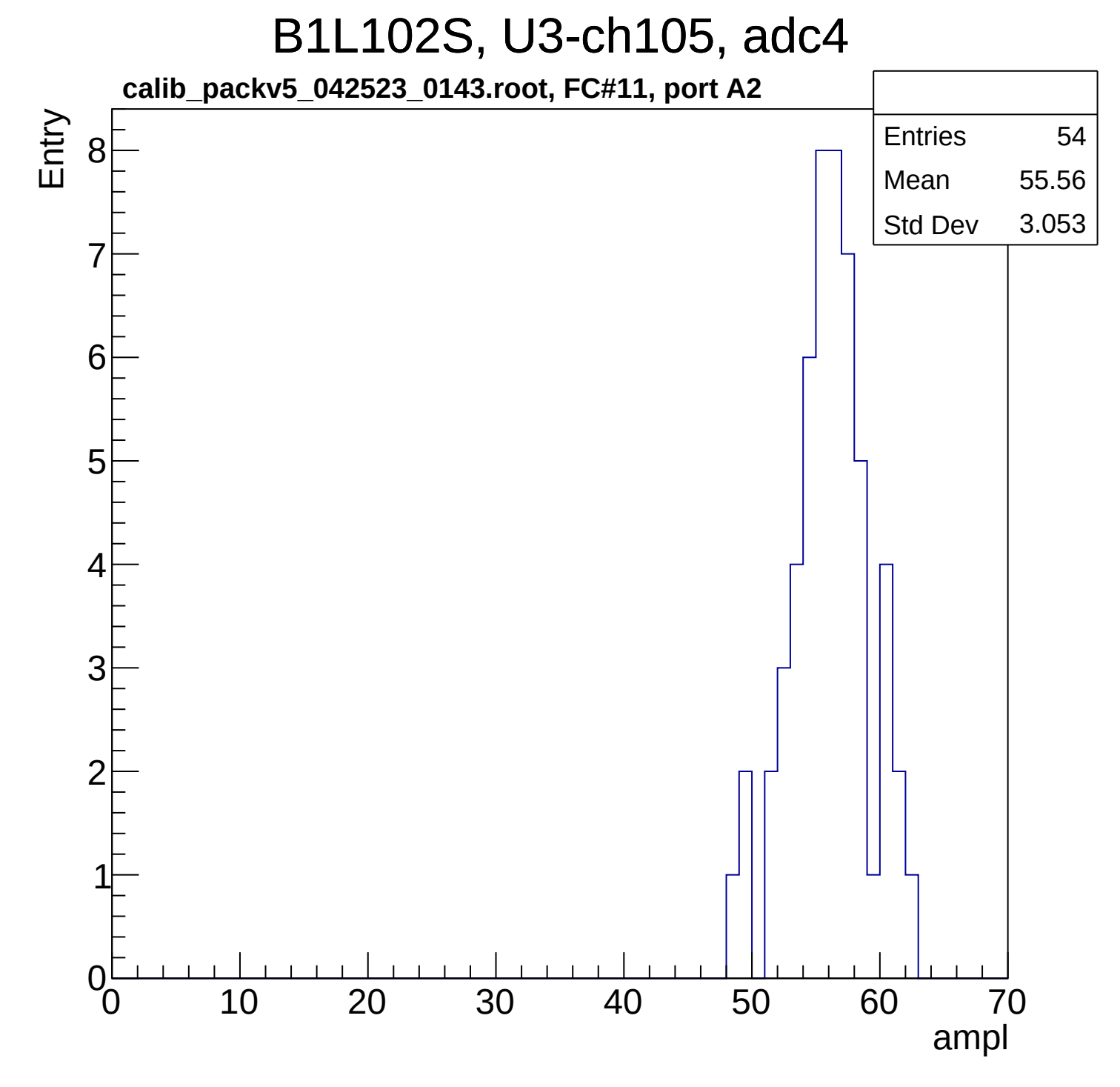

B1L102S, U3-ch105, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 49.66
Std Dev 3.827
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch105, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 55.56
Std Dev 3.053
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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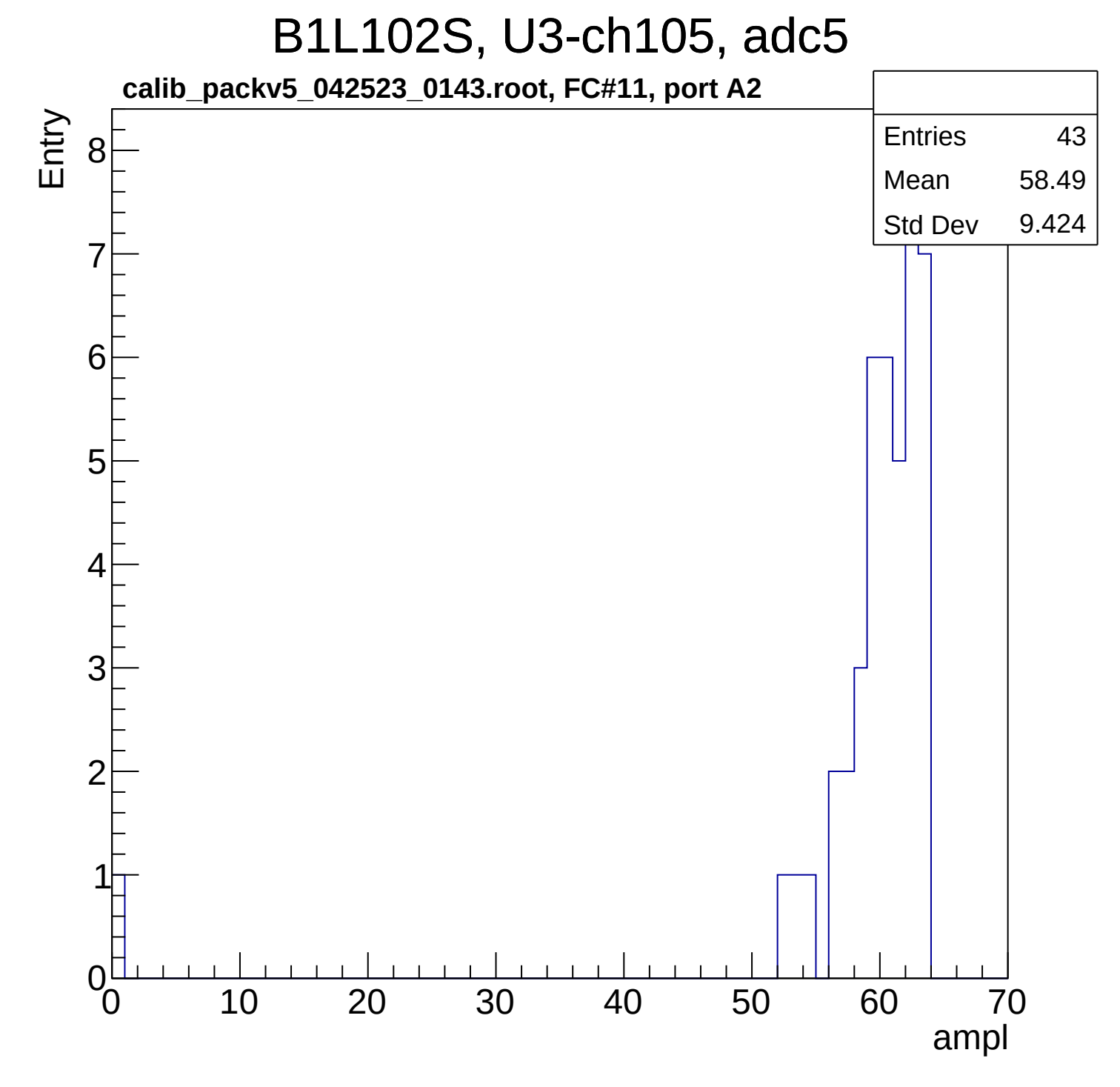
B1L102S, U3-ch105, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 58.49
Std Dev 9.424
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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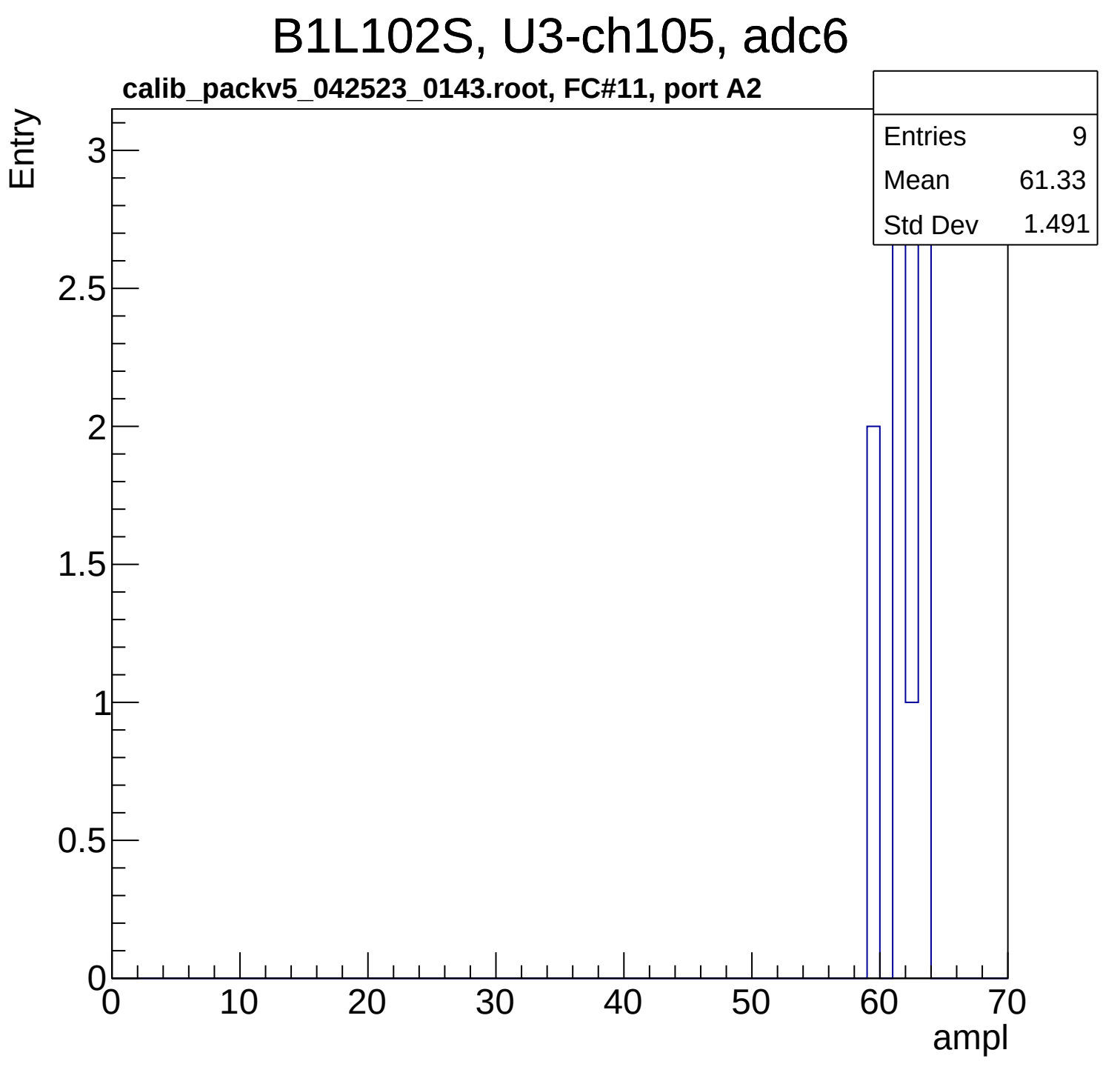
B1L102S, U3-ch105, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.33
Std Dev 1.491
Entry
ampl
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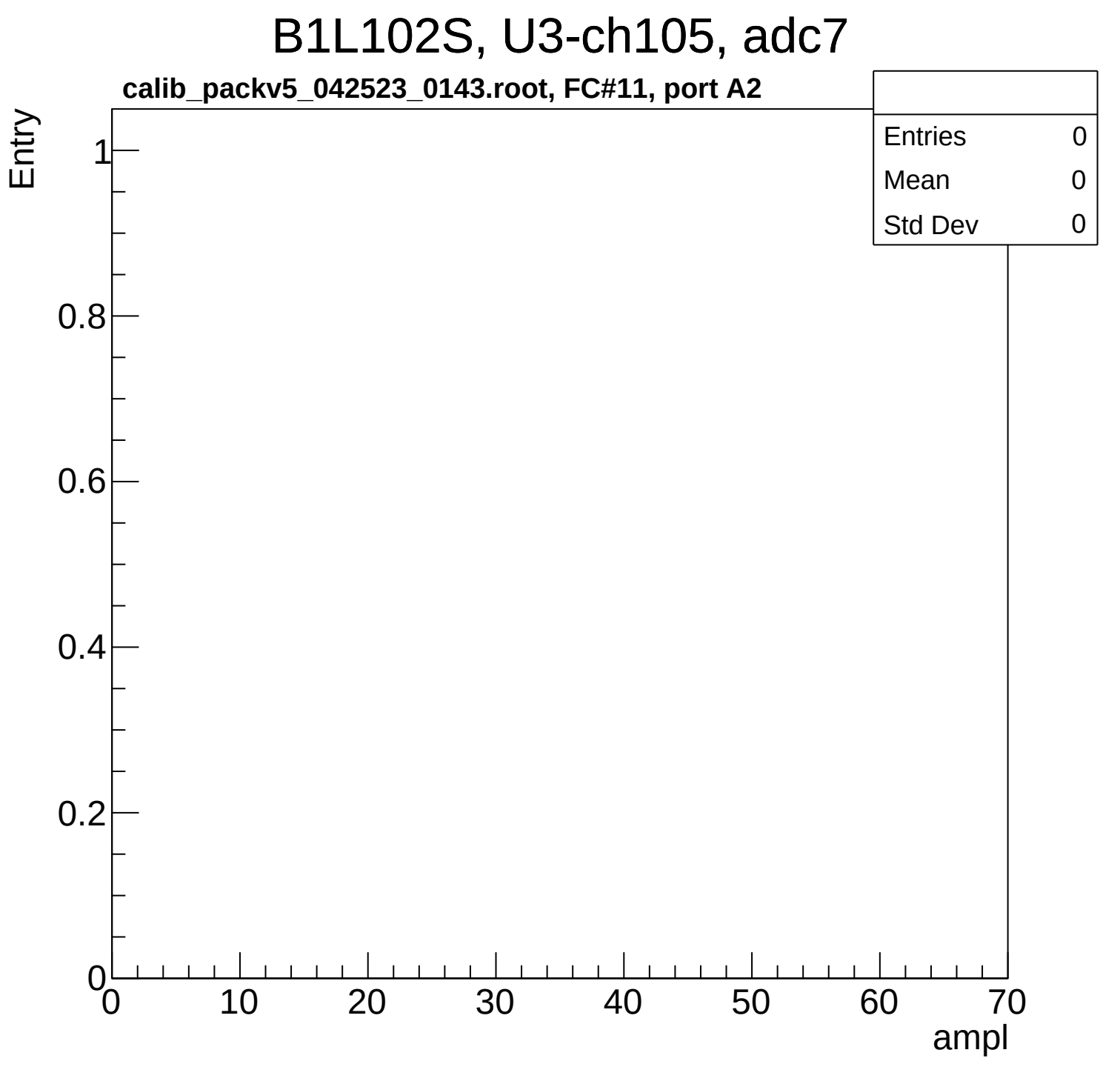
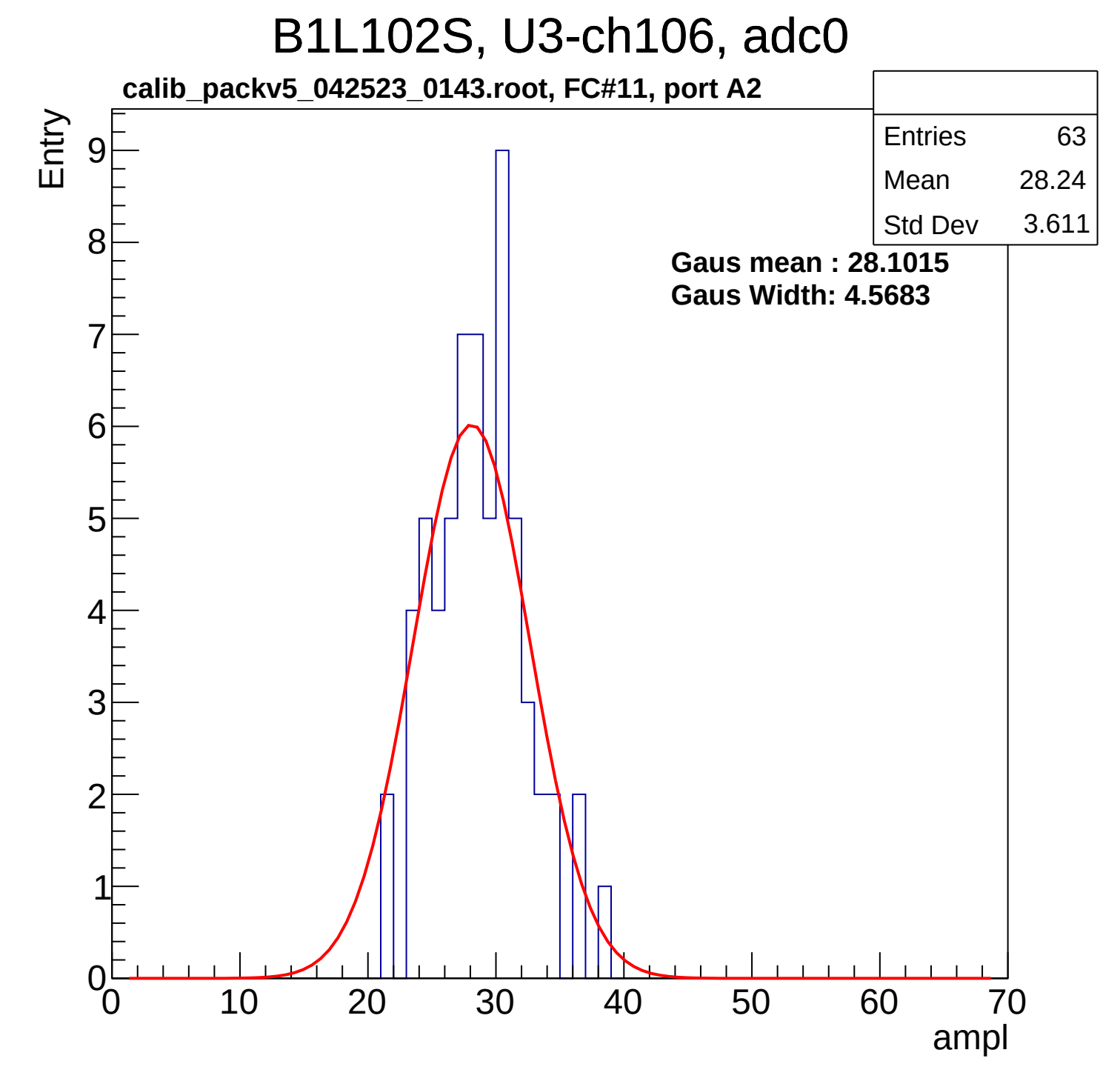
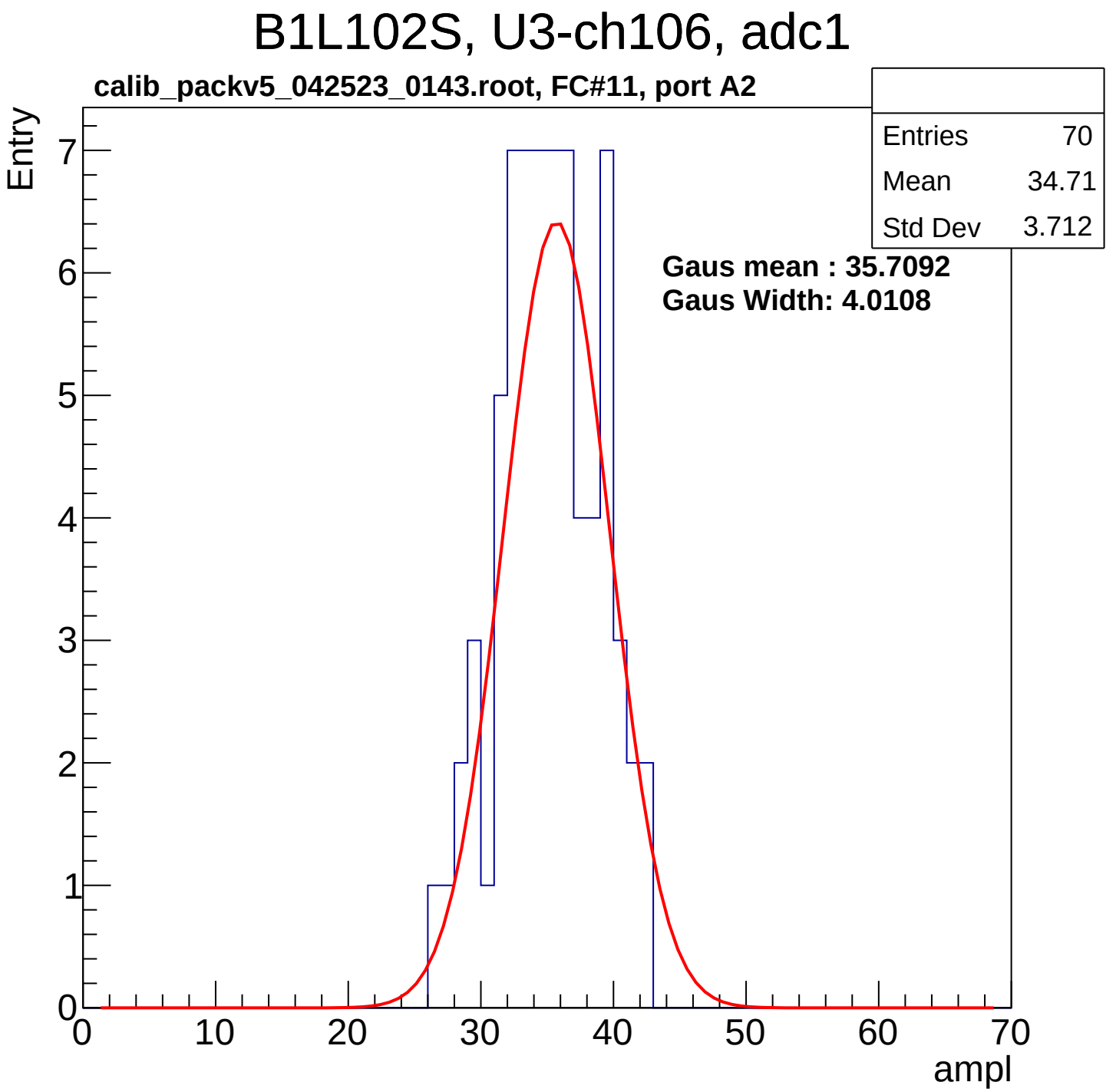
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-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, U3-ch106, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 28.24
Std Dev 3.611
Gaus mean : 28.1015
Gaus Width: 4.5683
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch106, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 34.71
Std Dev 3.712
Gaus mean : 35.7092
Gaus Width: 4.0108
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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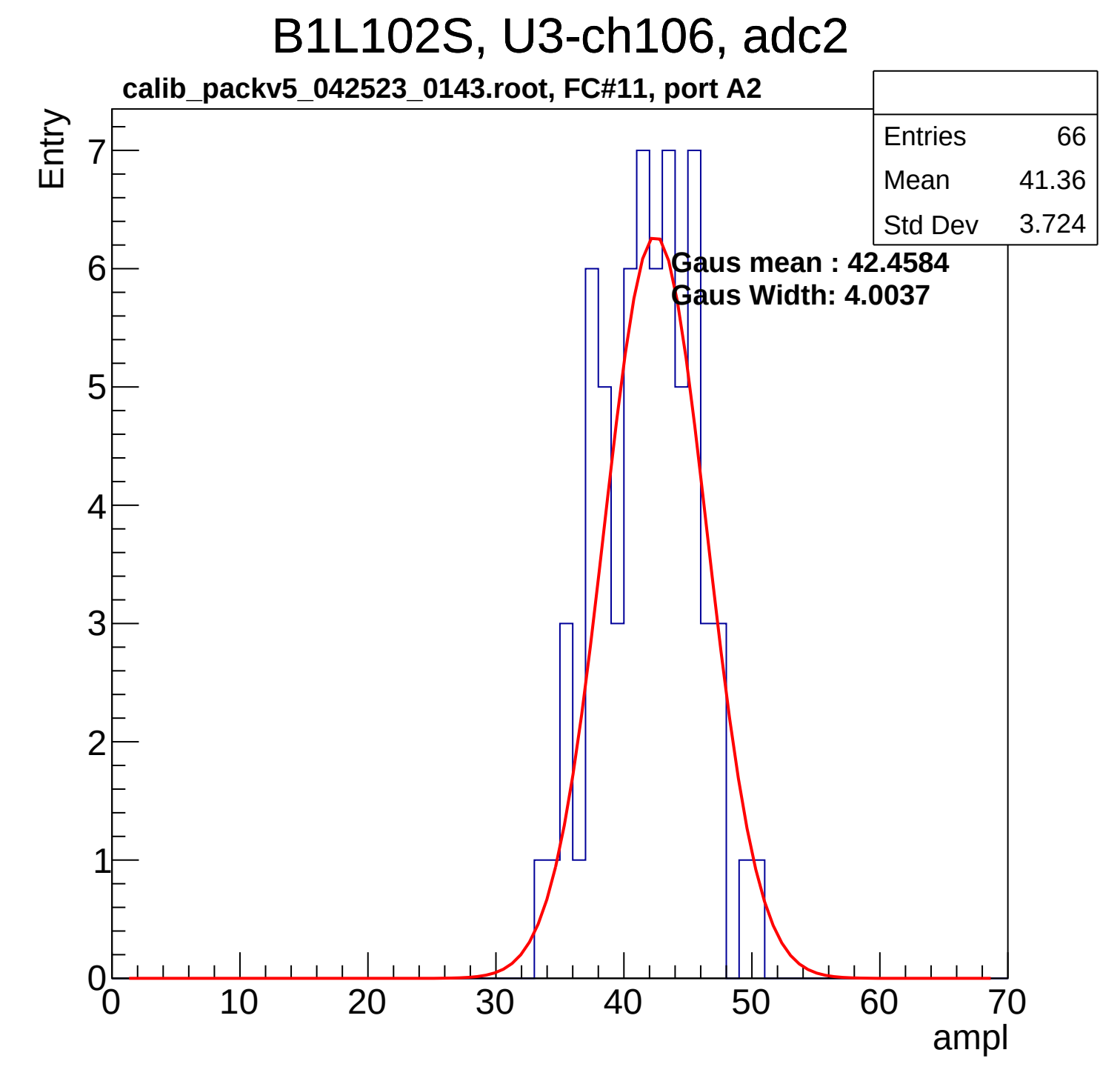
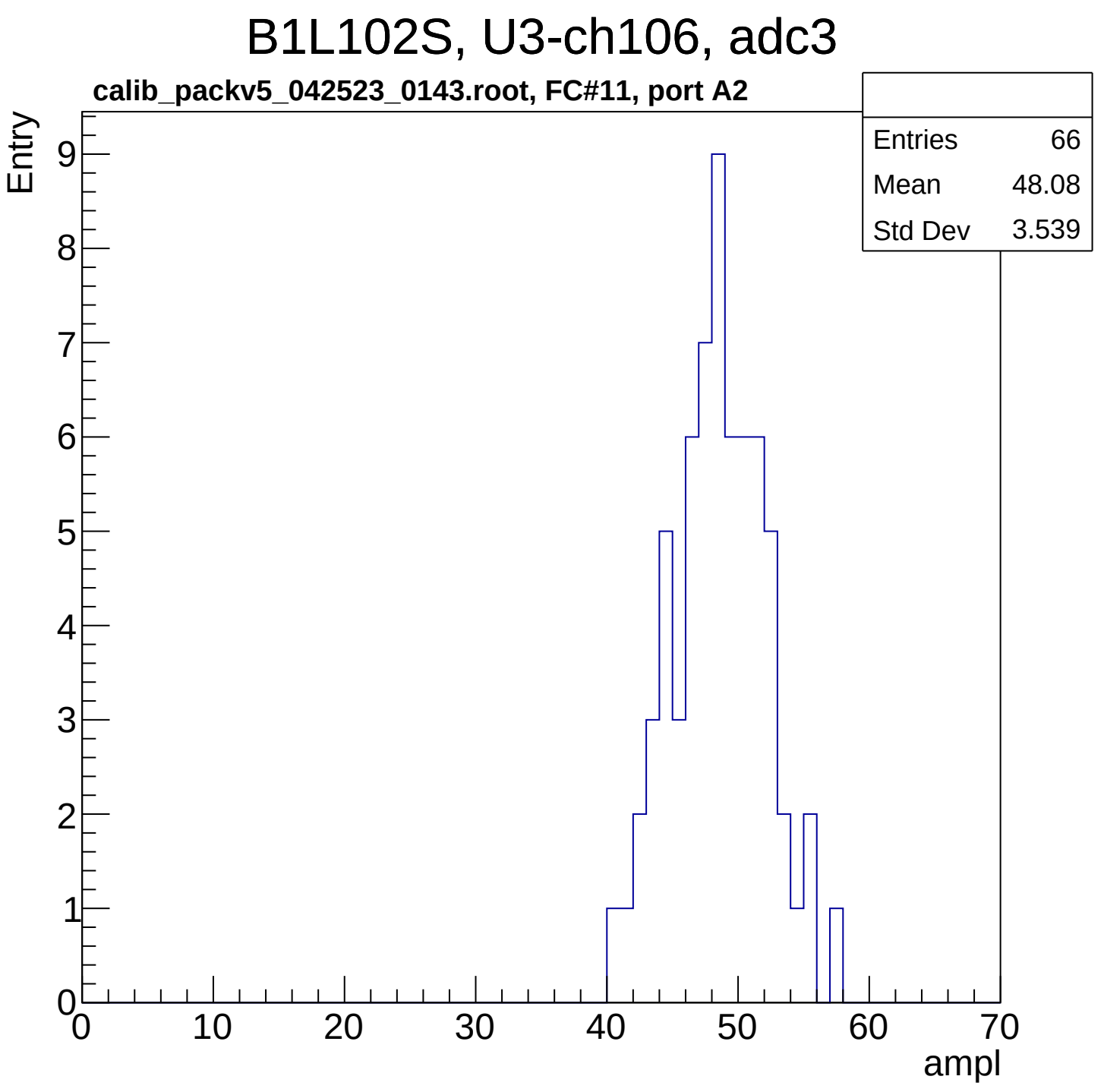

B1L102S, U3-ch106, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 41.36
Std Dev 3.724
Gaus mean : 42.4584
Gaus Width: 4.0037
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch106, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 48.08
Std Dev 3.539
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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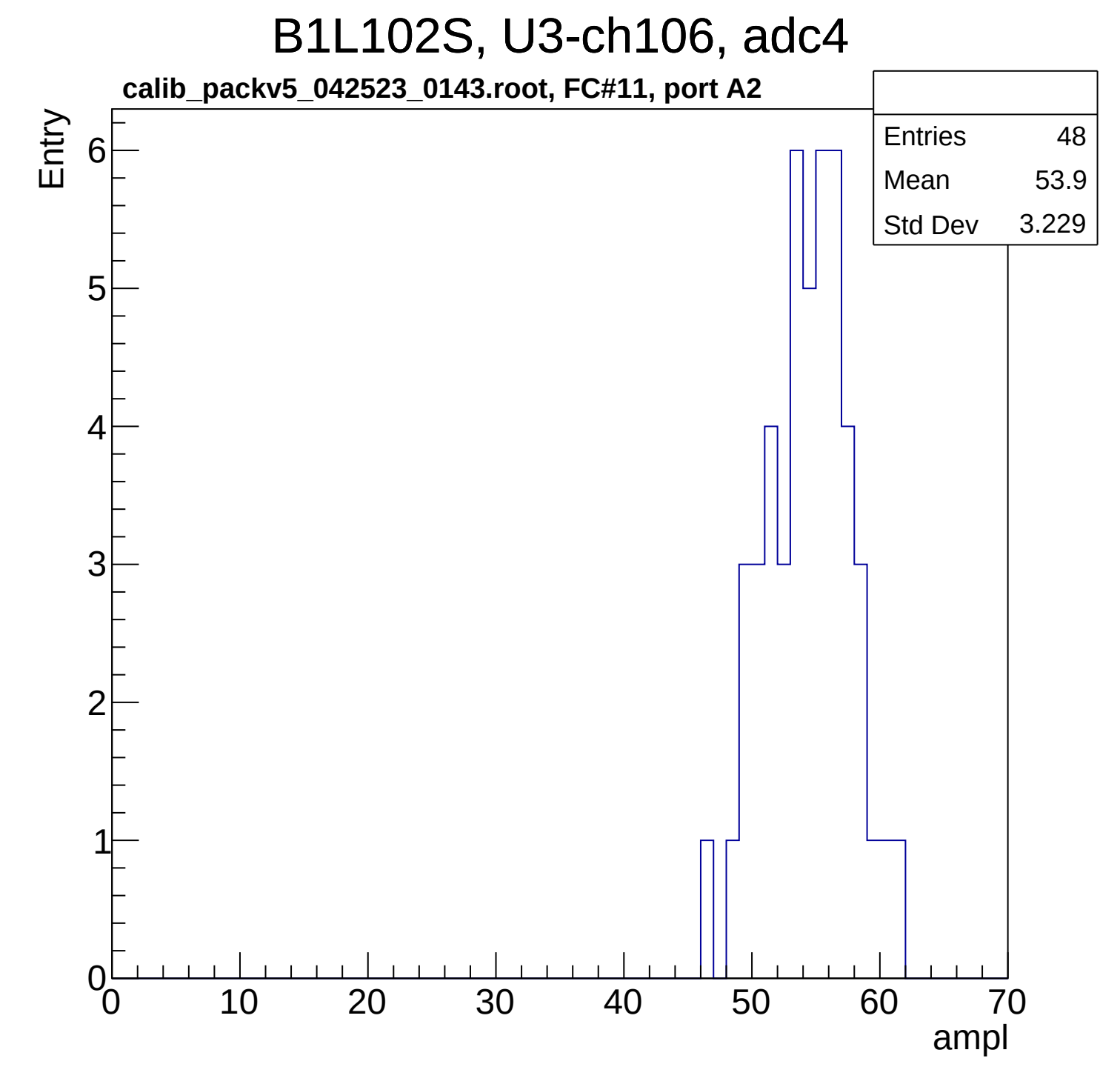
B1L102S, U3-ch106, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 53.9
Std Dev 3.229
Entry
ampl
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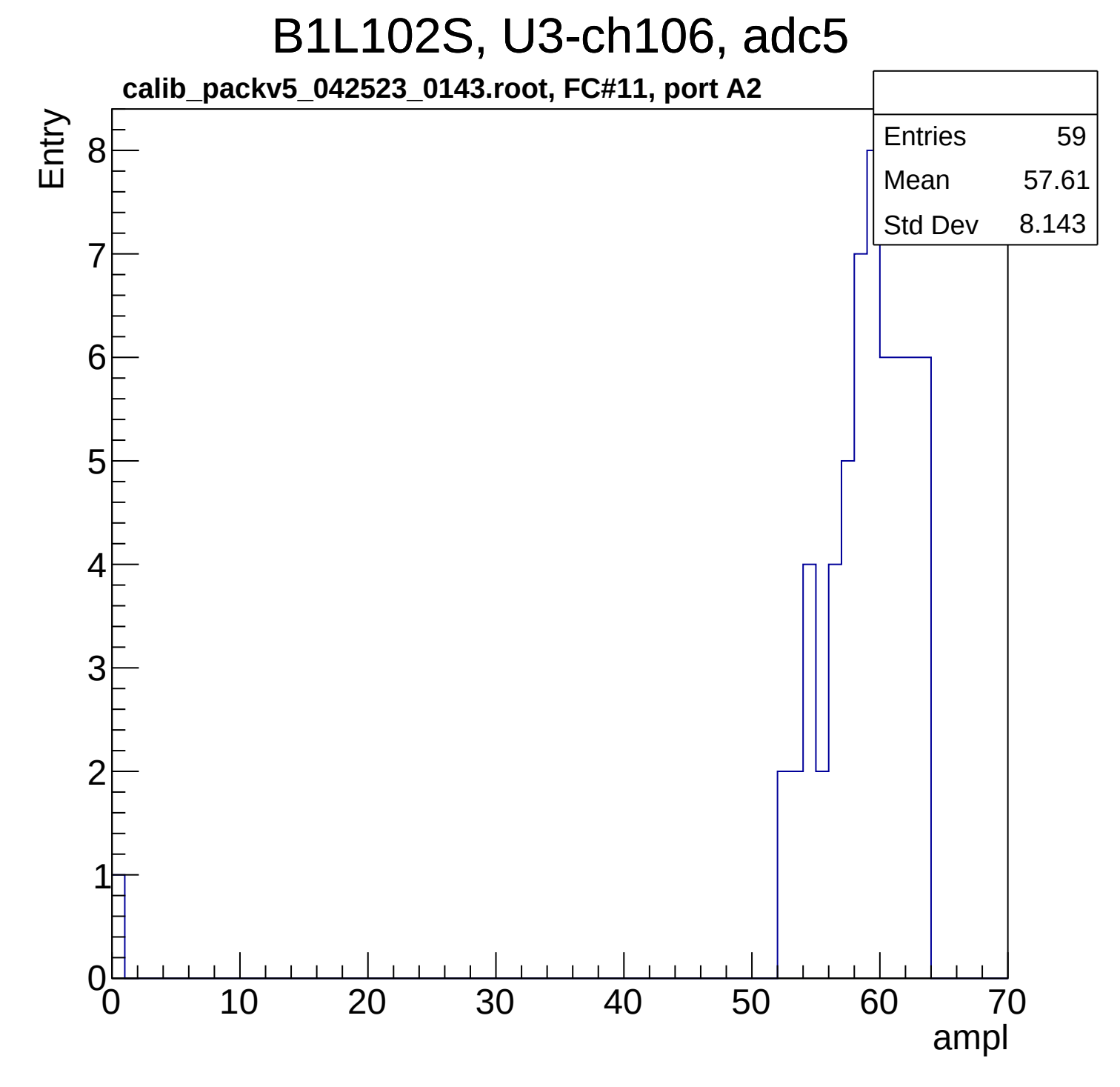
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch106, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 57.61
Std Dev 8.143
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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40
50
60
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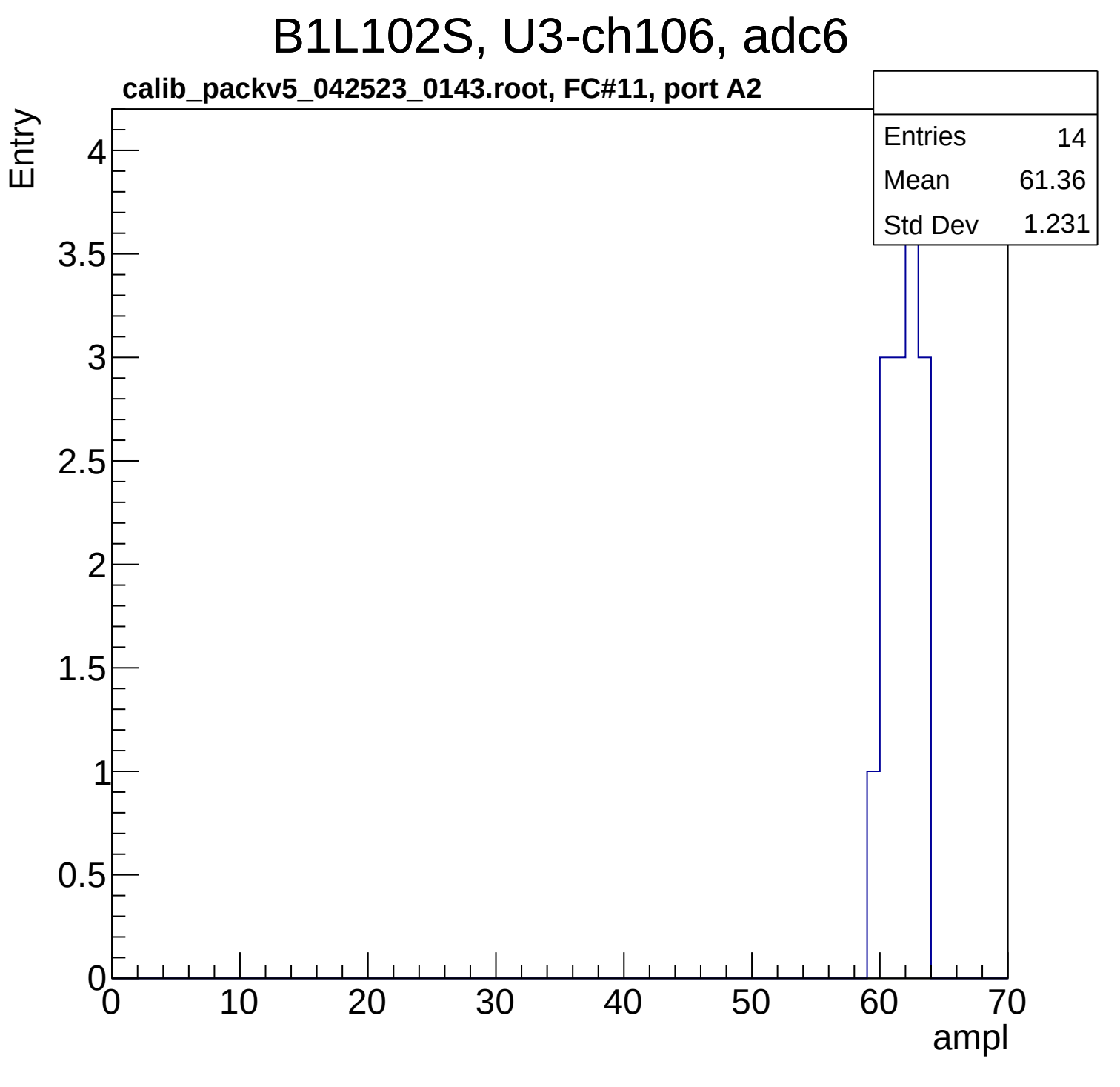
B1L102S, U3-ch106, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 61.36
Std Dev 1.231
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
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20
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60
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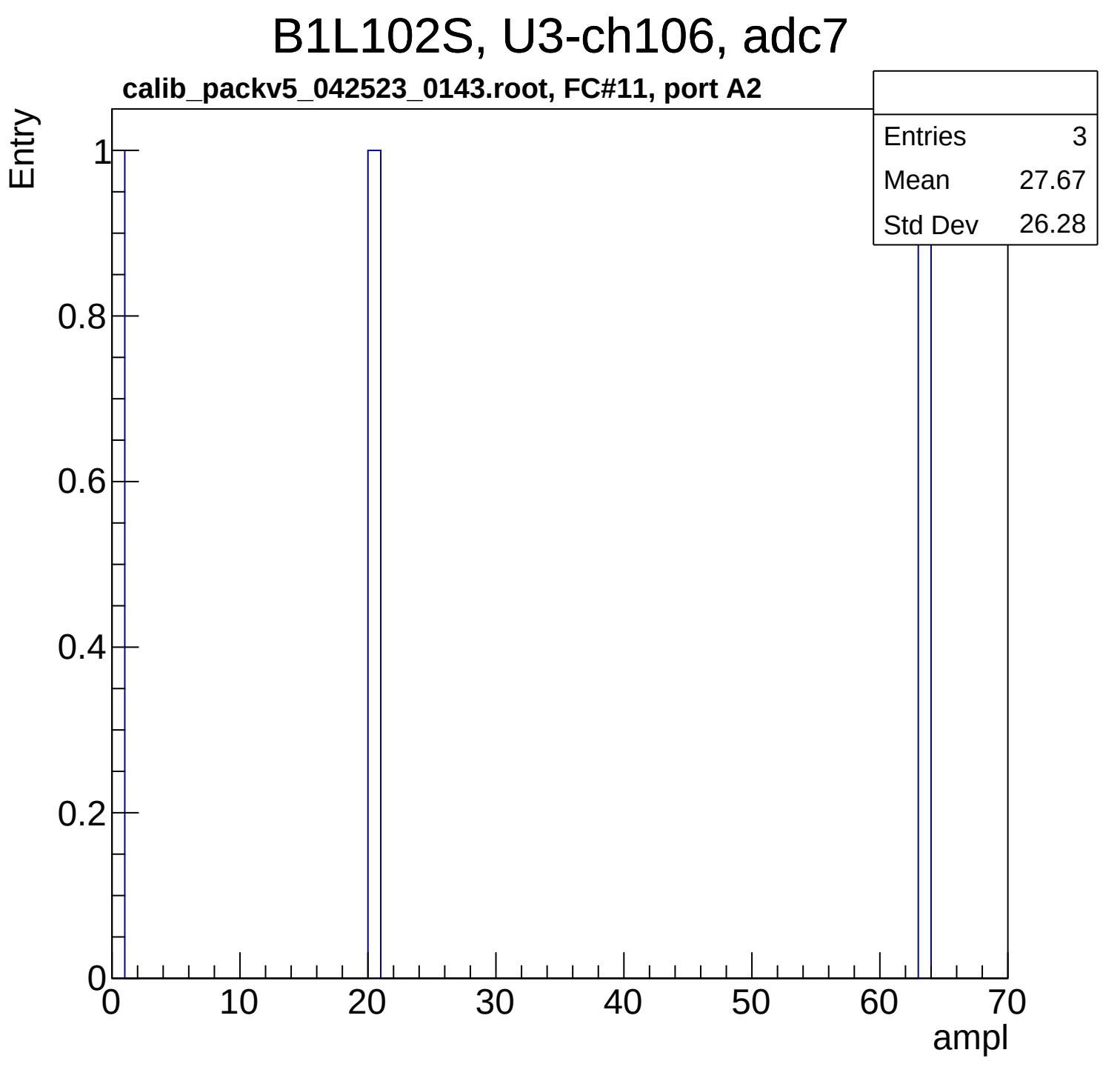
B1L102S, U3-ch106, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 27.67
Std Dev 26.28
Entry
ampl
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0.4
0.6
0.8
1
0
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20
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40
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60
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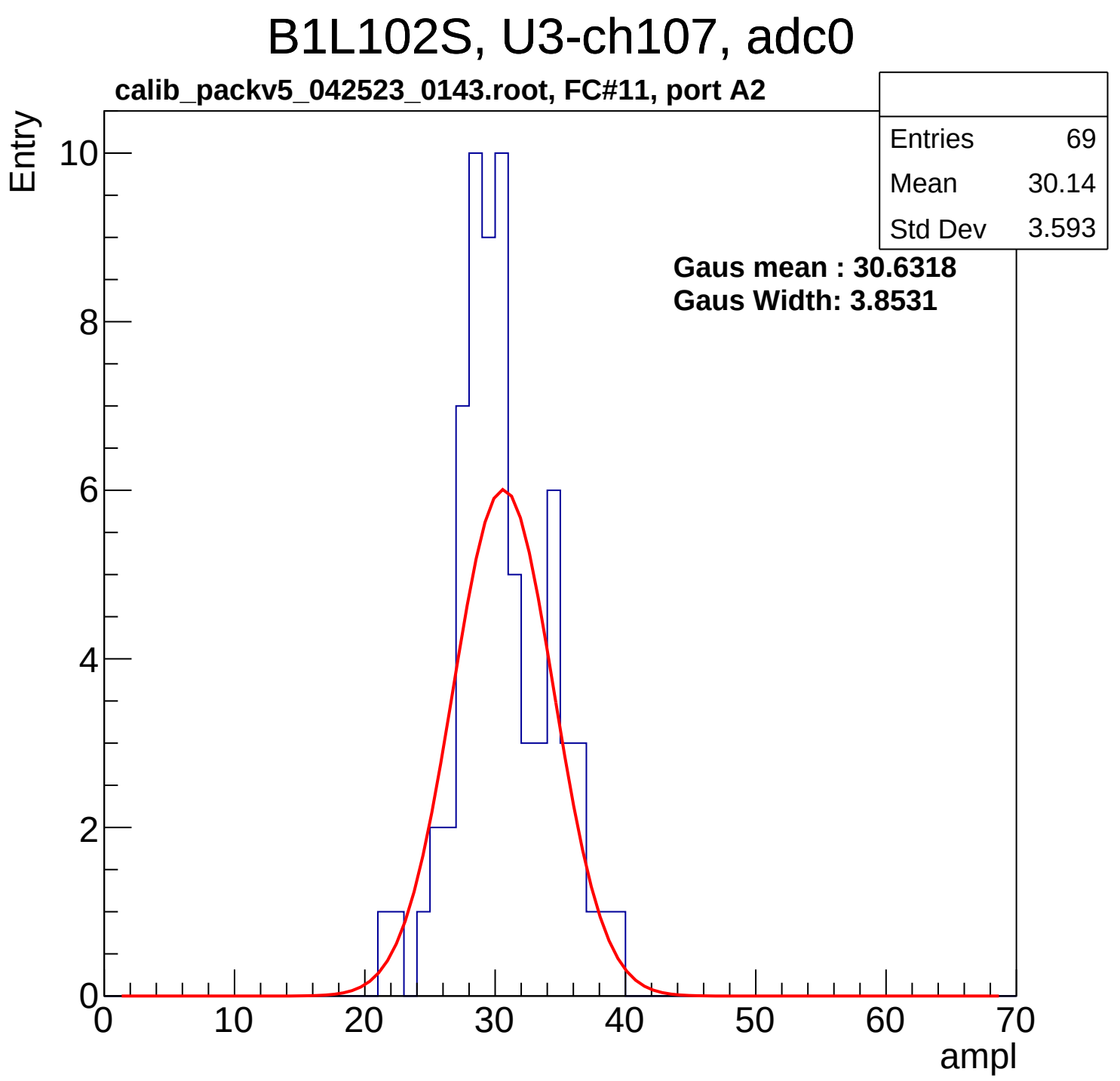
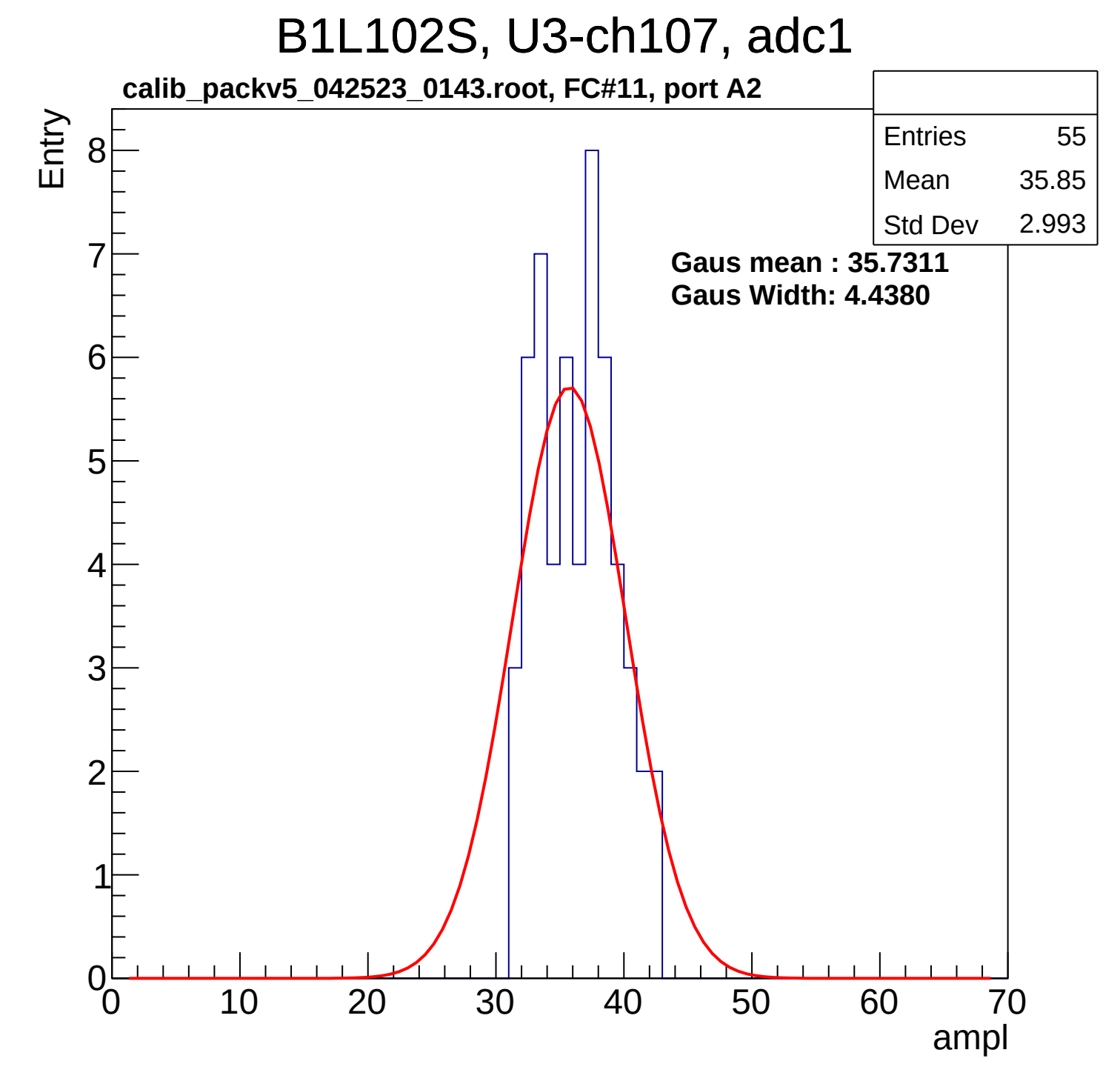
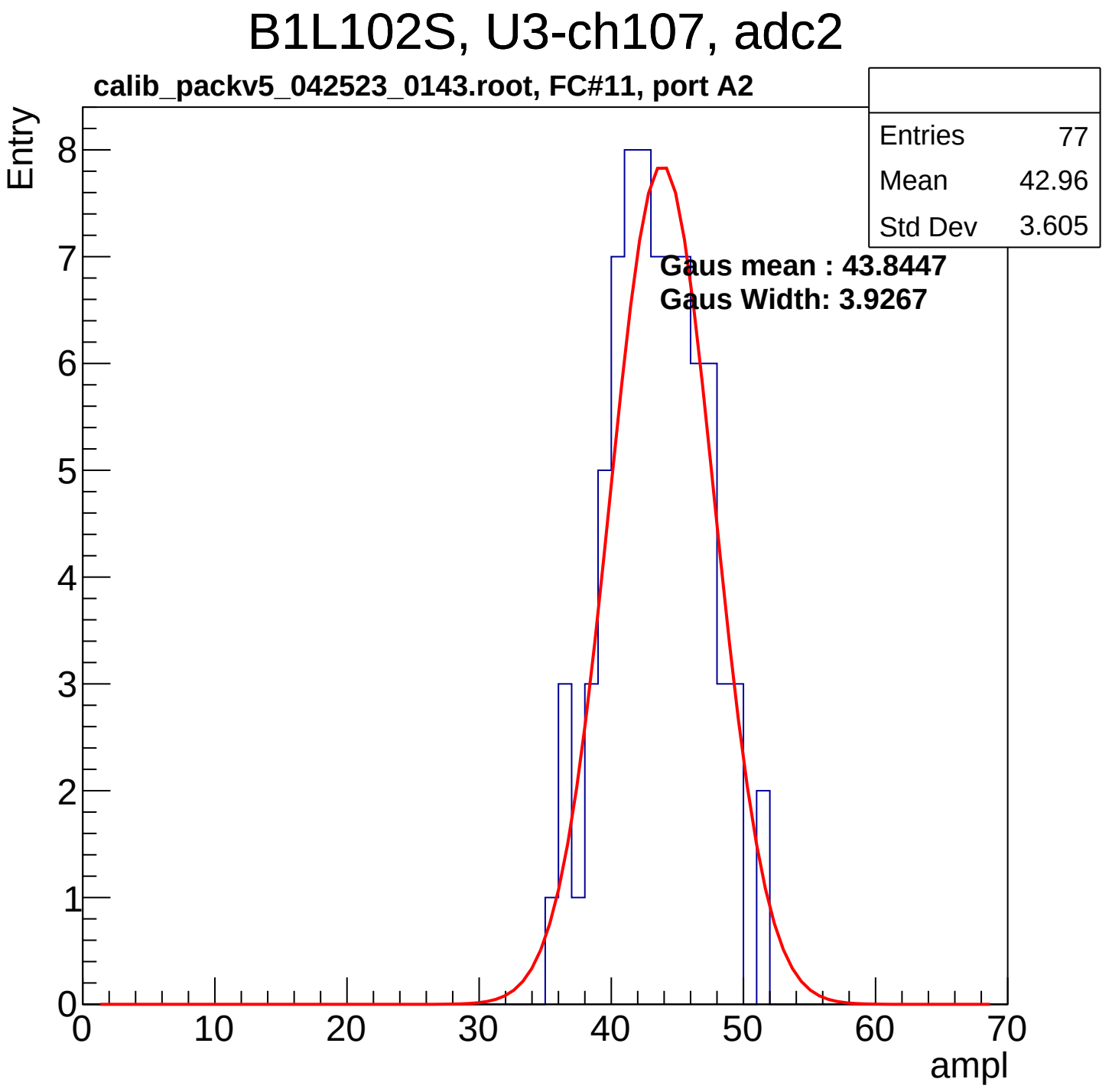

B1L102S, U3-ch107, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 30.14
Std Dev 3.593
Gaus mean : 30.6318
Gaus Width: 3.8531
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch107, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 35.85
Std Dev 2.993
Gaus mean : 35.7311
Gaus Width: 4.4380
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch107, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 42.96
Std Dev 3.605
Gaus mean : 43.8447
Gaus Width: 3.9267
Entry
ampl
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3
4
5
6
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0
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60
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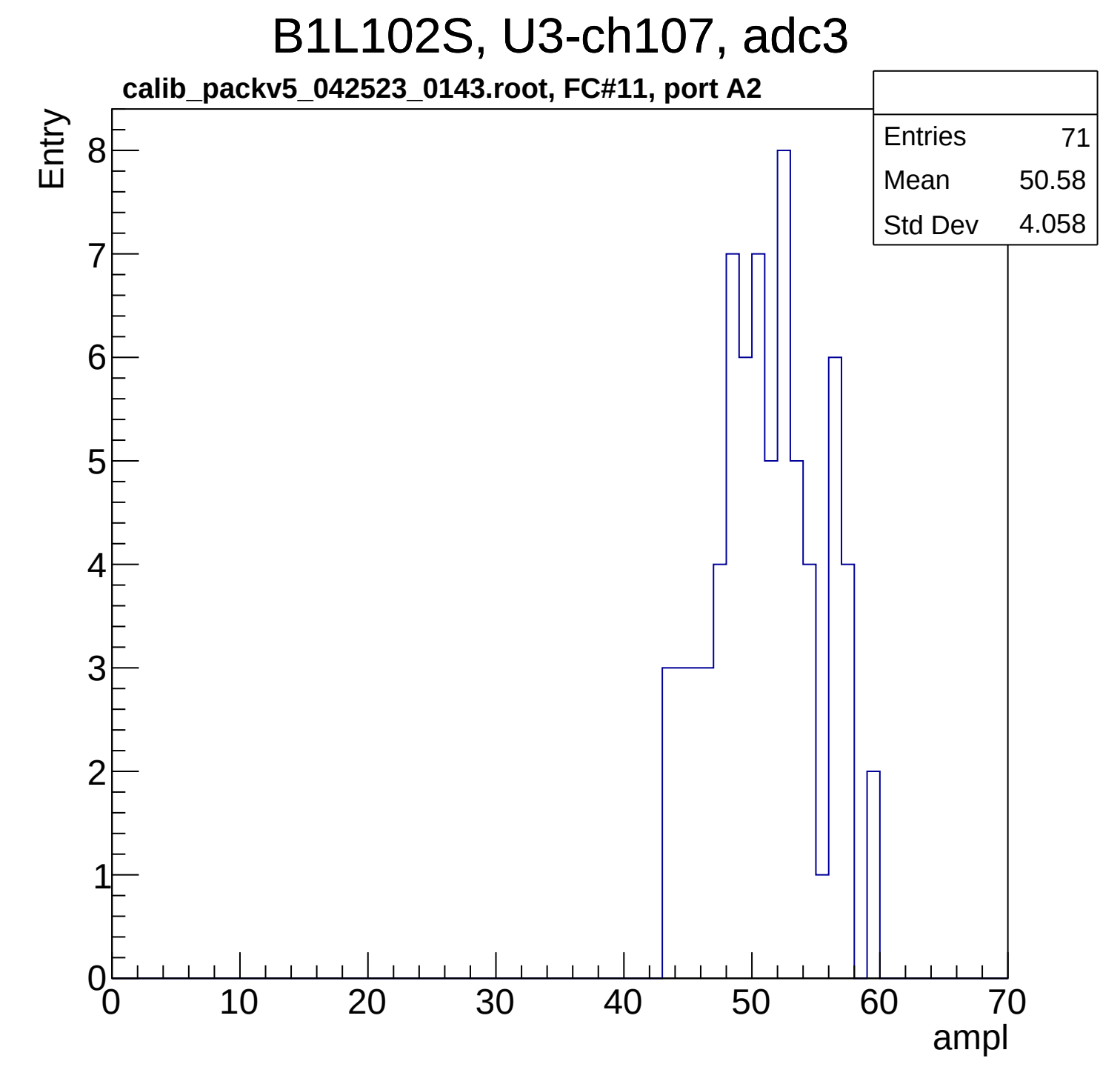
B1L102S, U3-ch107, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 50.58
Std Dev 4.058
Entry
ampl
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3
4
5
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7
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0
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40
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60
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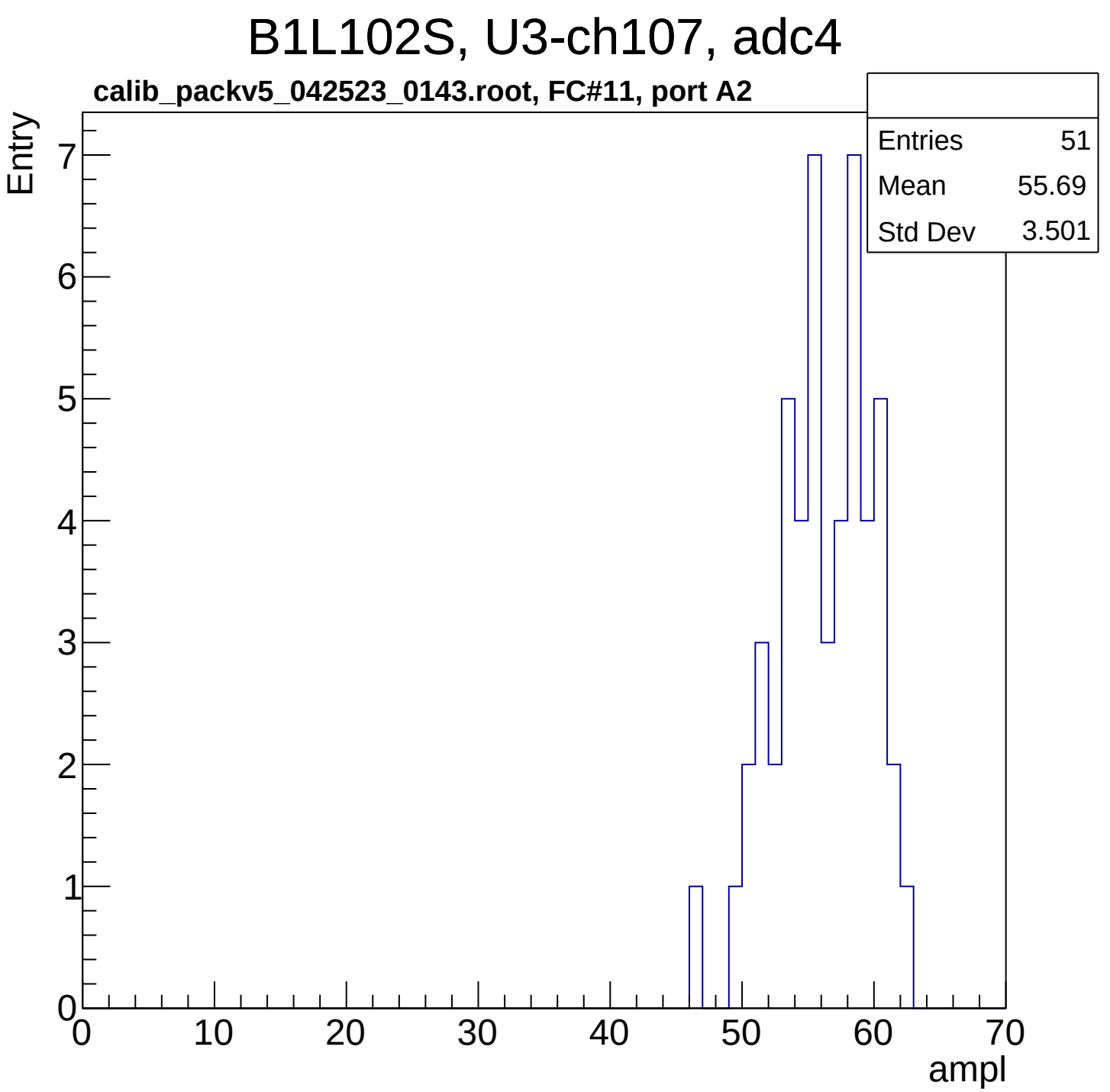
B1L102S, U3-ch107, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 55.69
Std Dev 3.501
Entry
ampl
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3
4
5
6
7
0
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40
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60
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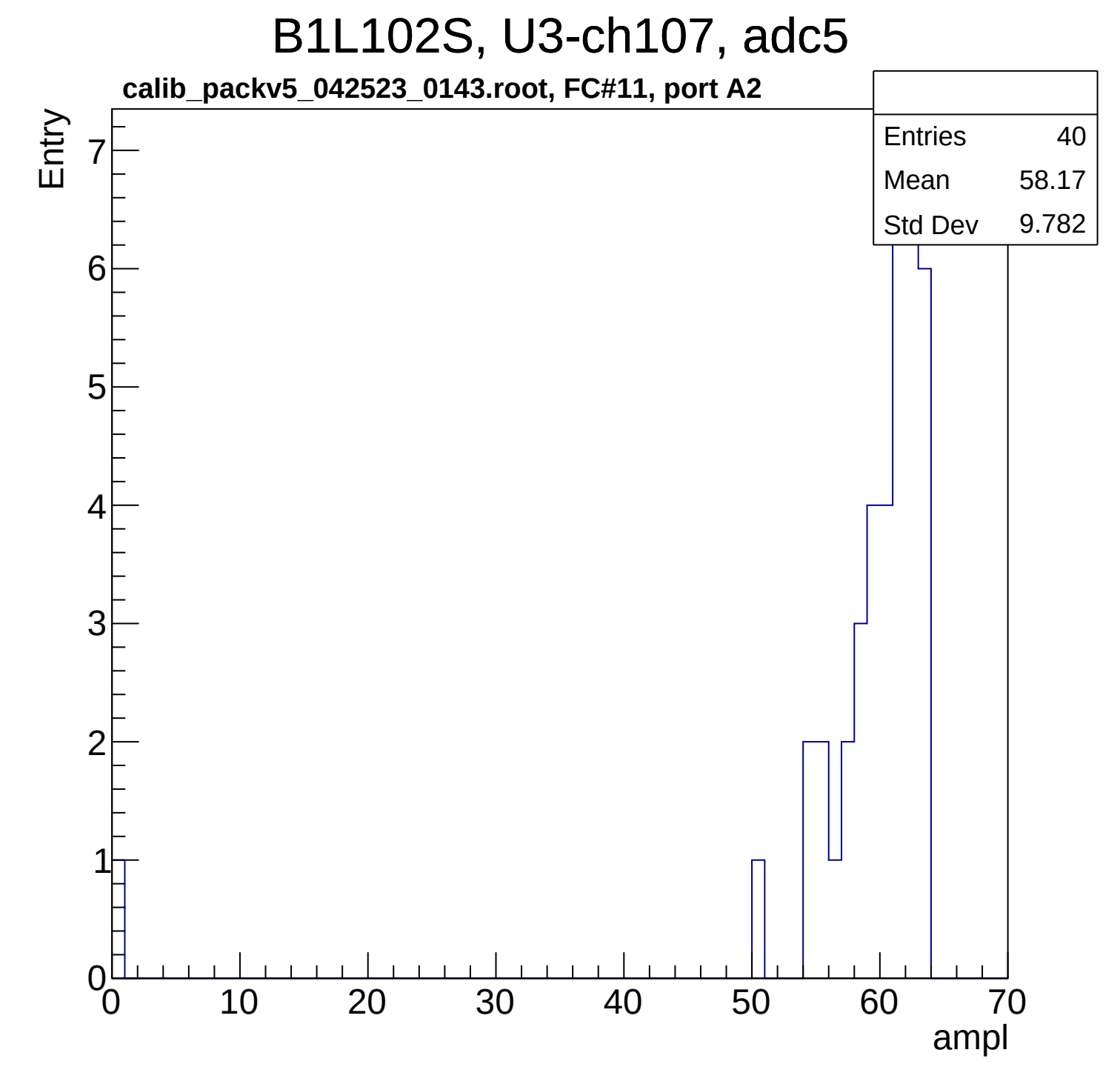
B1L102S, U3-ch107, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 58.17
Std Dev 9.782
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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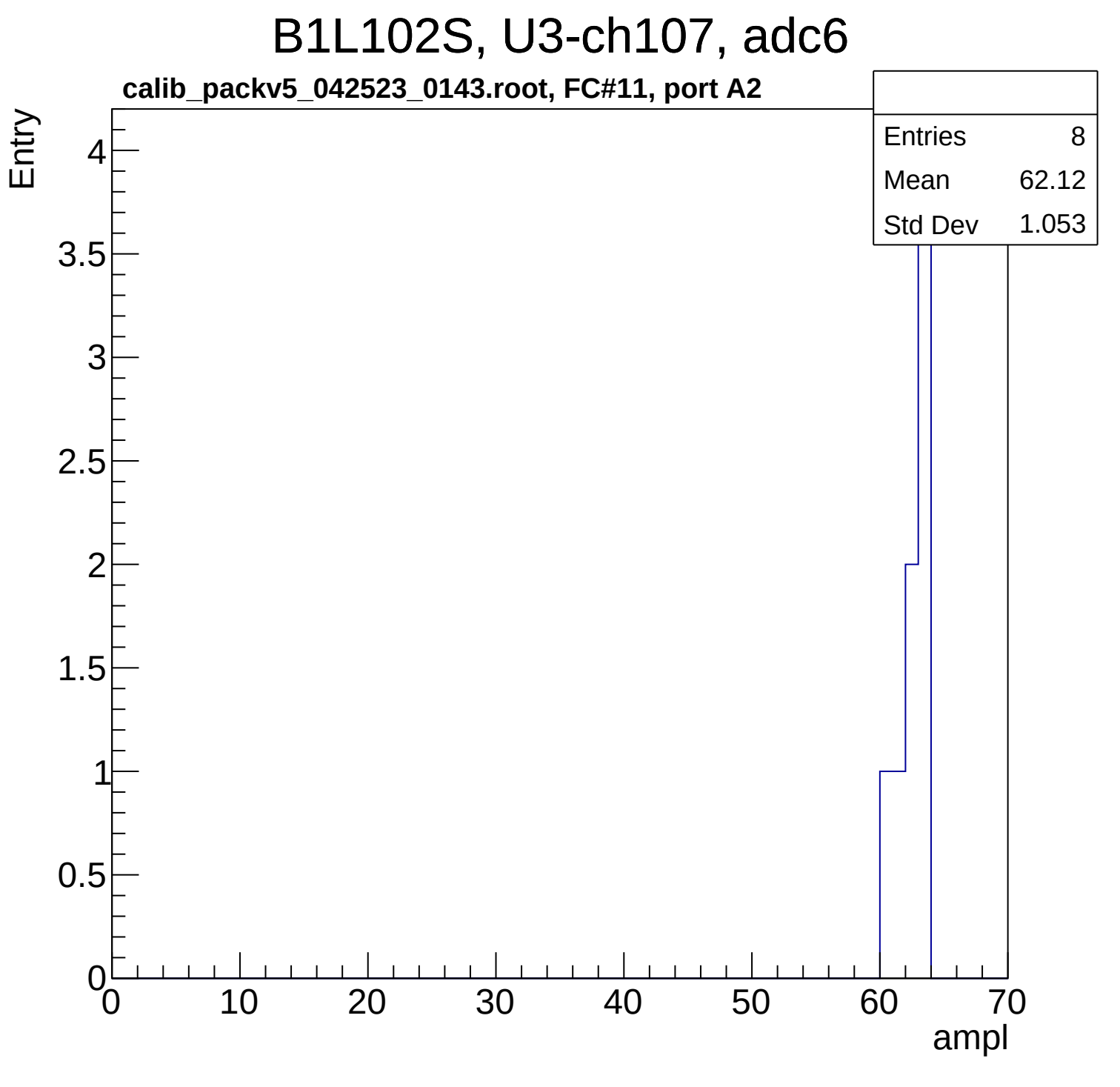
B1L102S, U3-ch107, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 62.12
Std Dev 1.053
Entry
ampl
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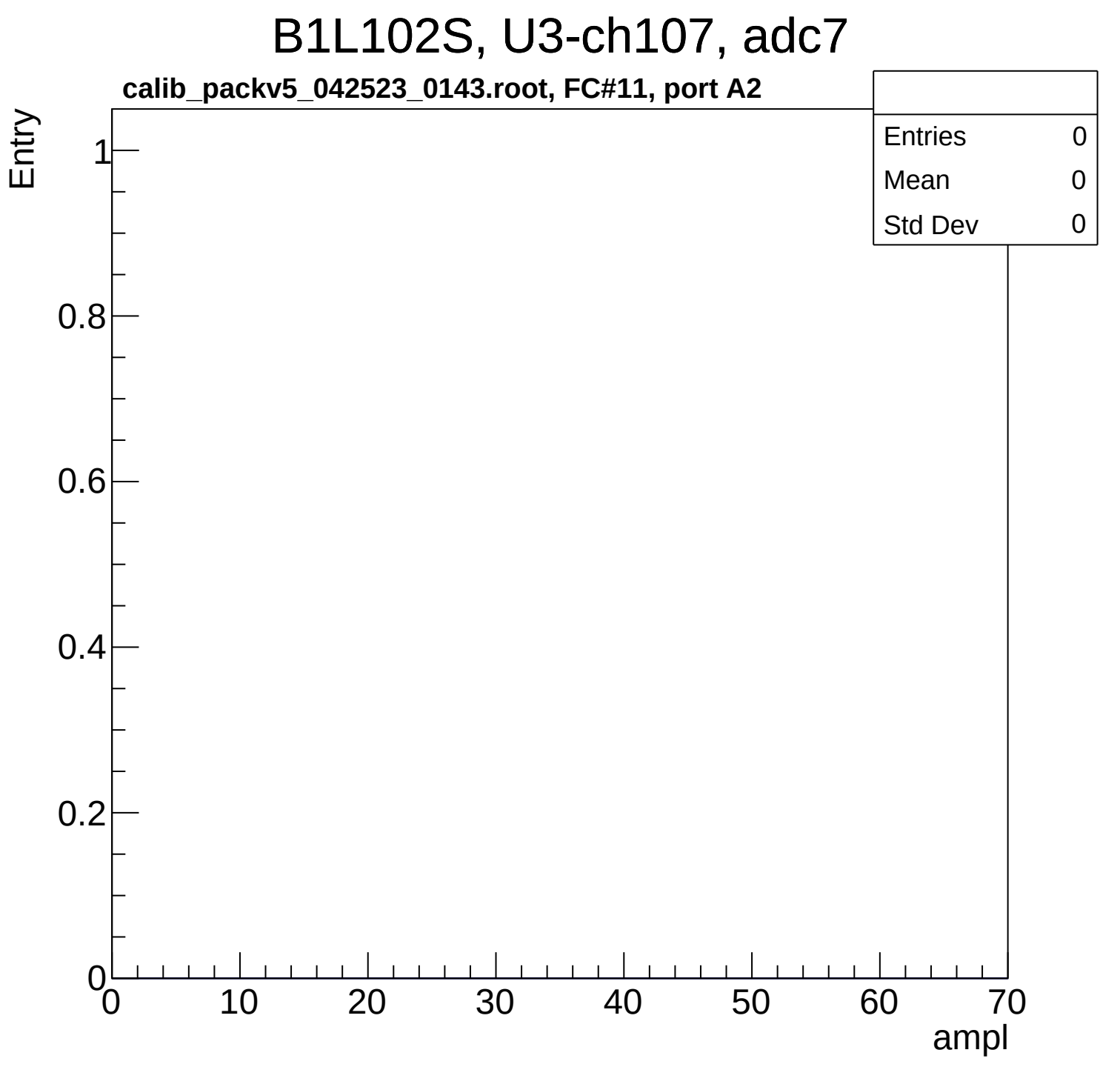
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch107, 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
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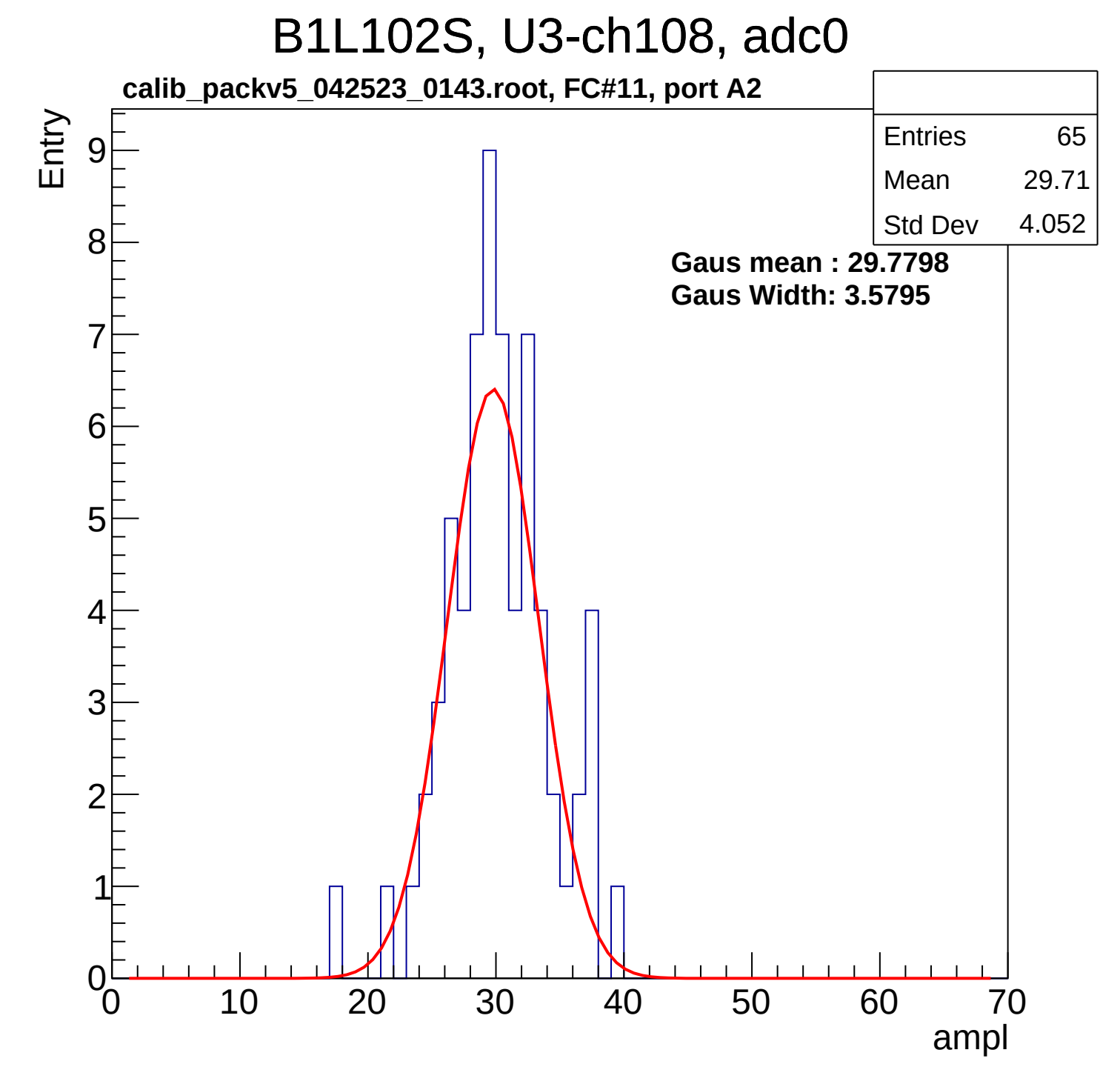
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch108, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 29.71
Std Dev 4.052
Gaus mean : 29.7798
Gaus Width: 3.5795
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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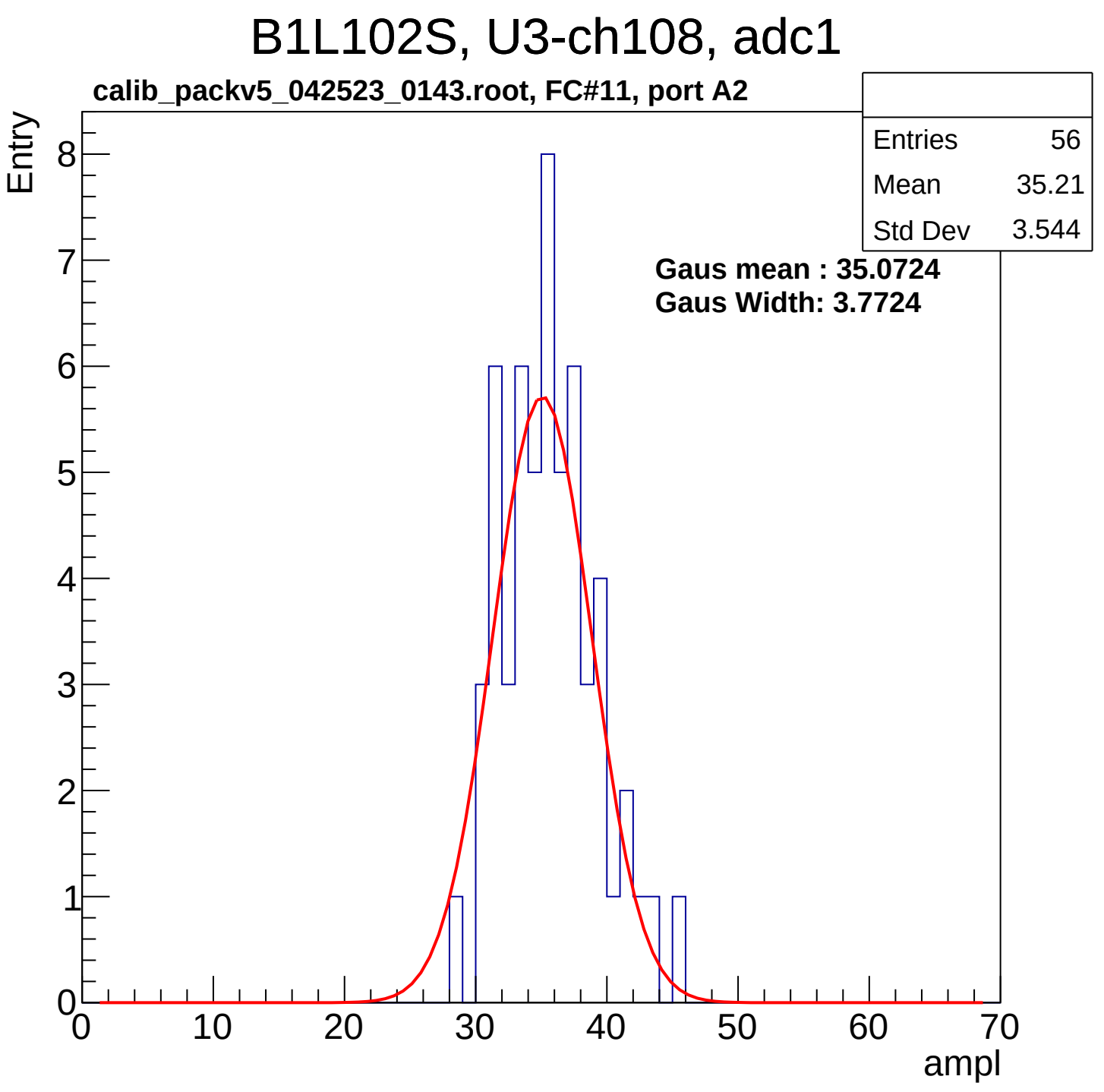
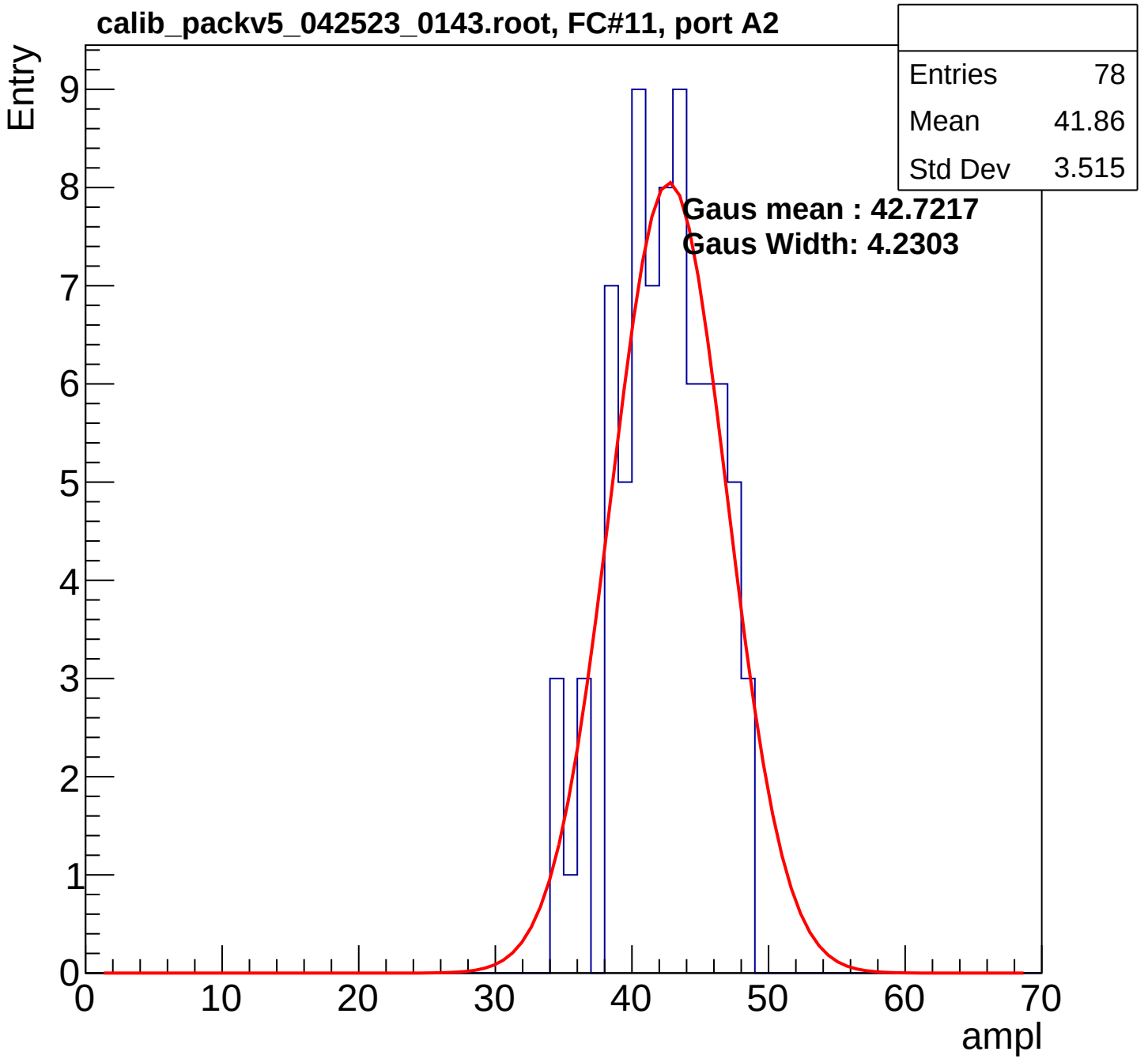

B1L102S, U3-ch108, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 35.21
Std Dev 3.544
Gaus mean : 35.0724
Gaus Width: 3.7724
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch108, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 41.86
Std Dev 3.515
Gaus mean : 42.7217
Gaus Width: 4.2303
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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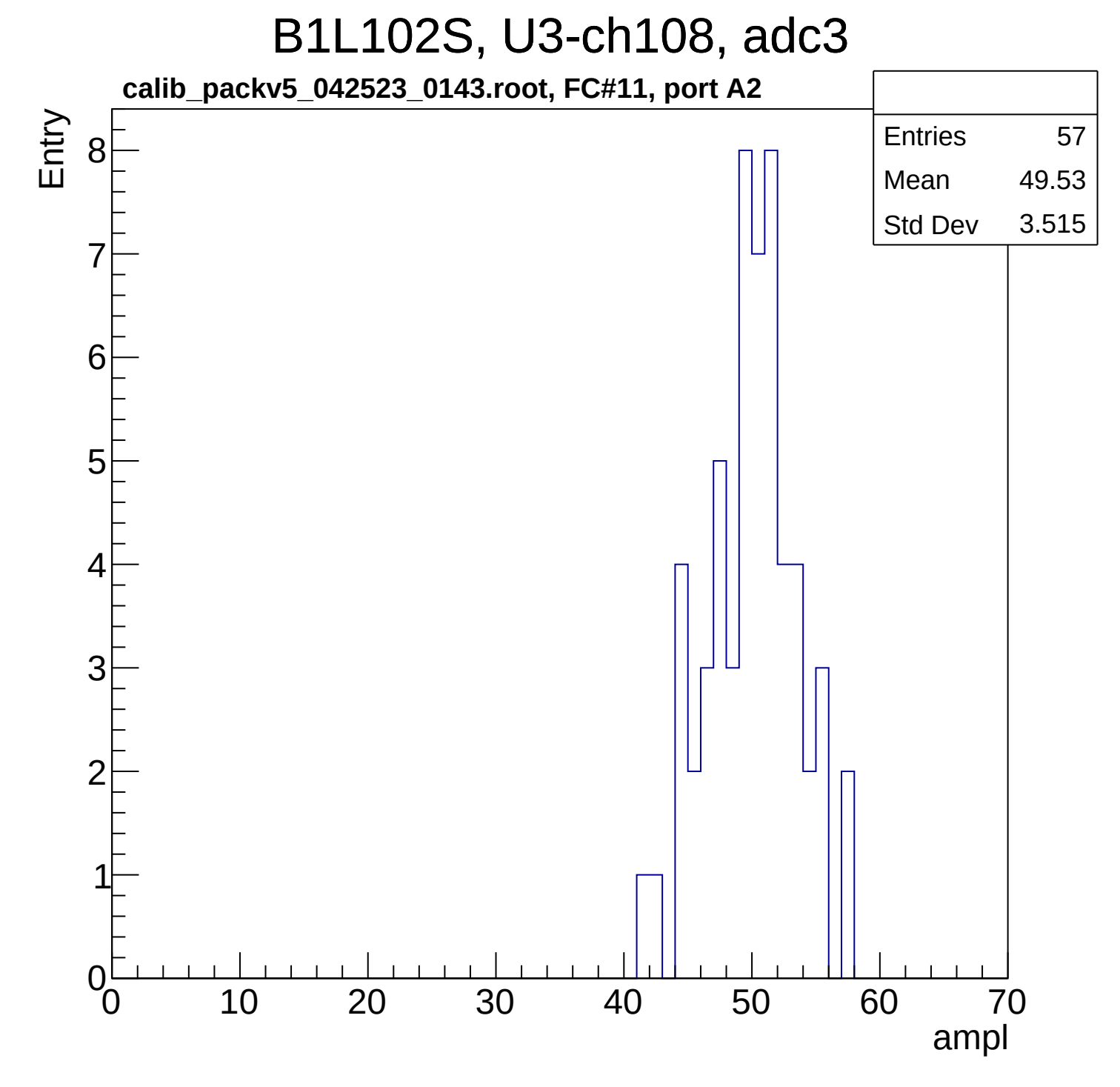
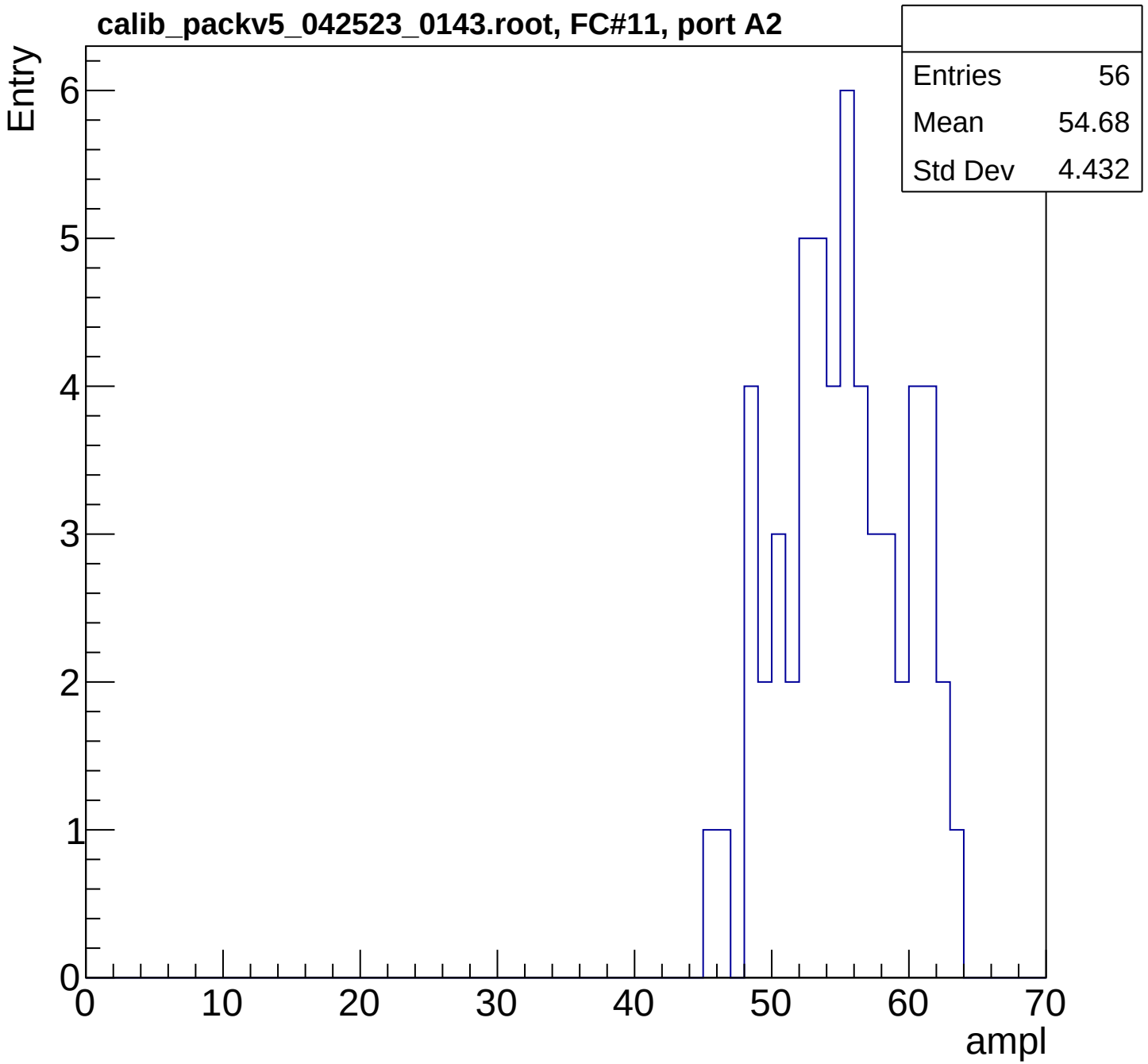
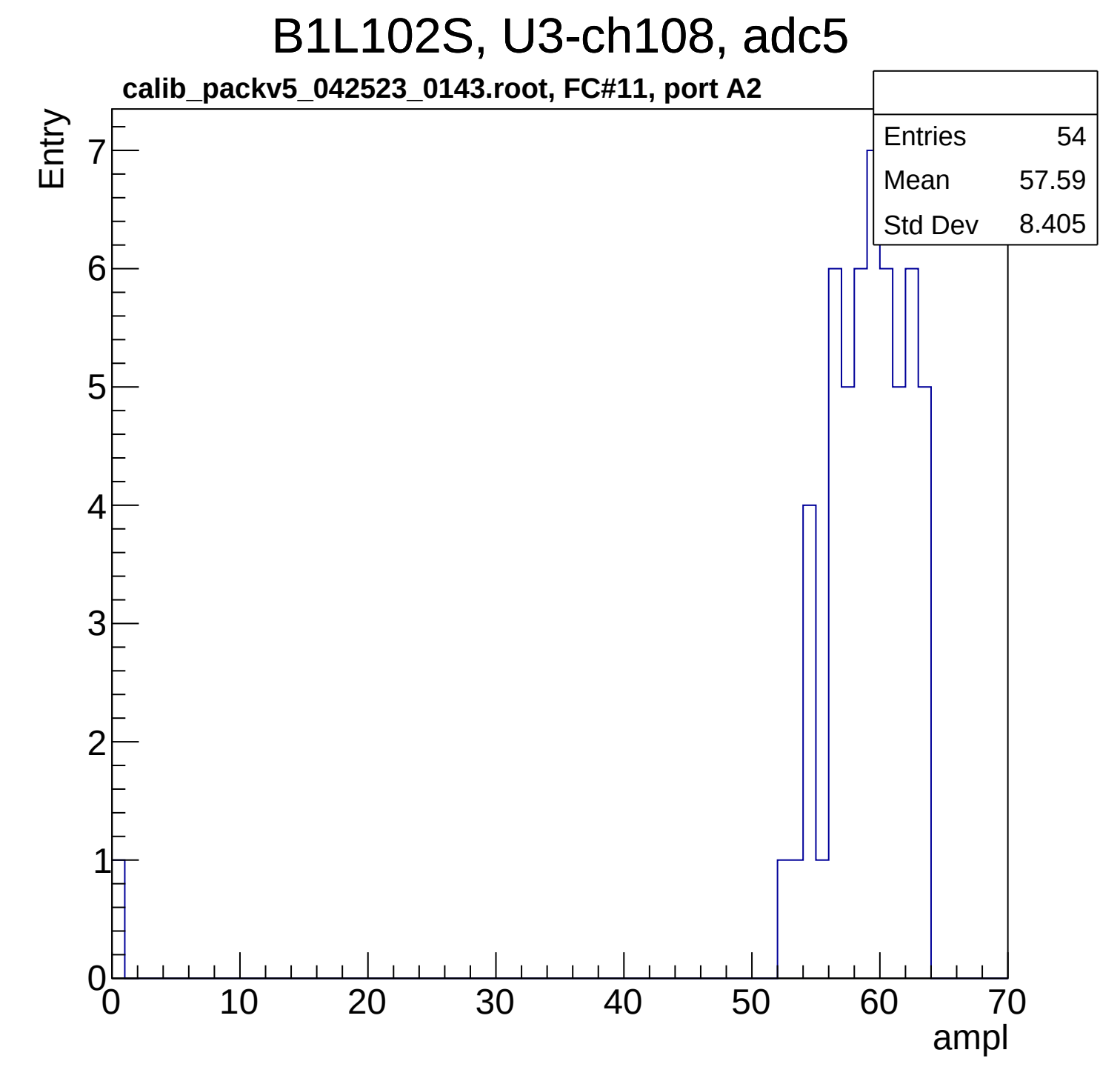

B1L102S, U3-ch108, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 49.53
Std Dev 3.515
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch108, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 54.68
Std Dev 4.432
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch108, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 57.59
Std Dev 8.405
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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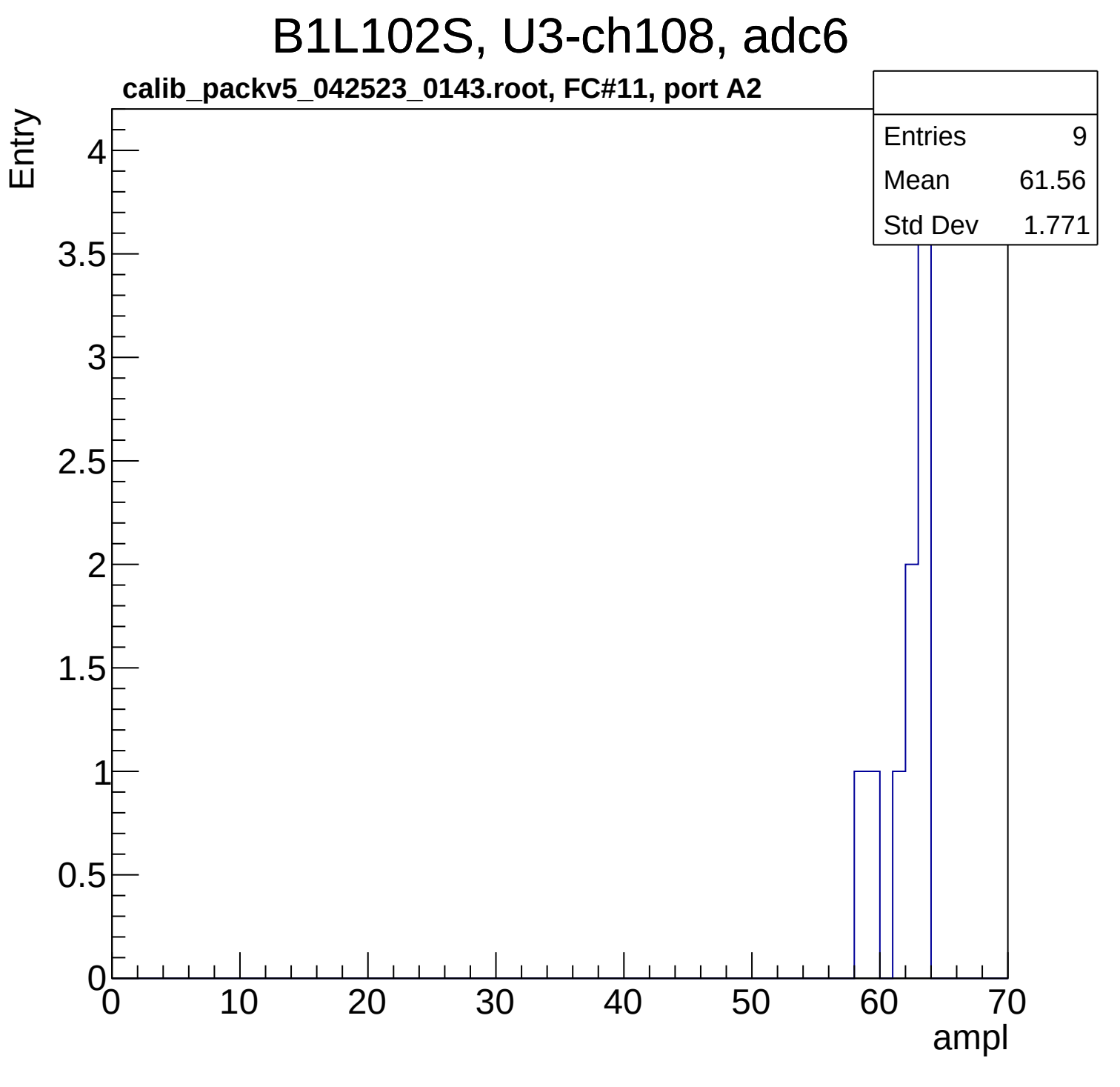
B1L102S, U3-ch108, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.56
Std Dev 1.771
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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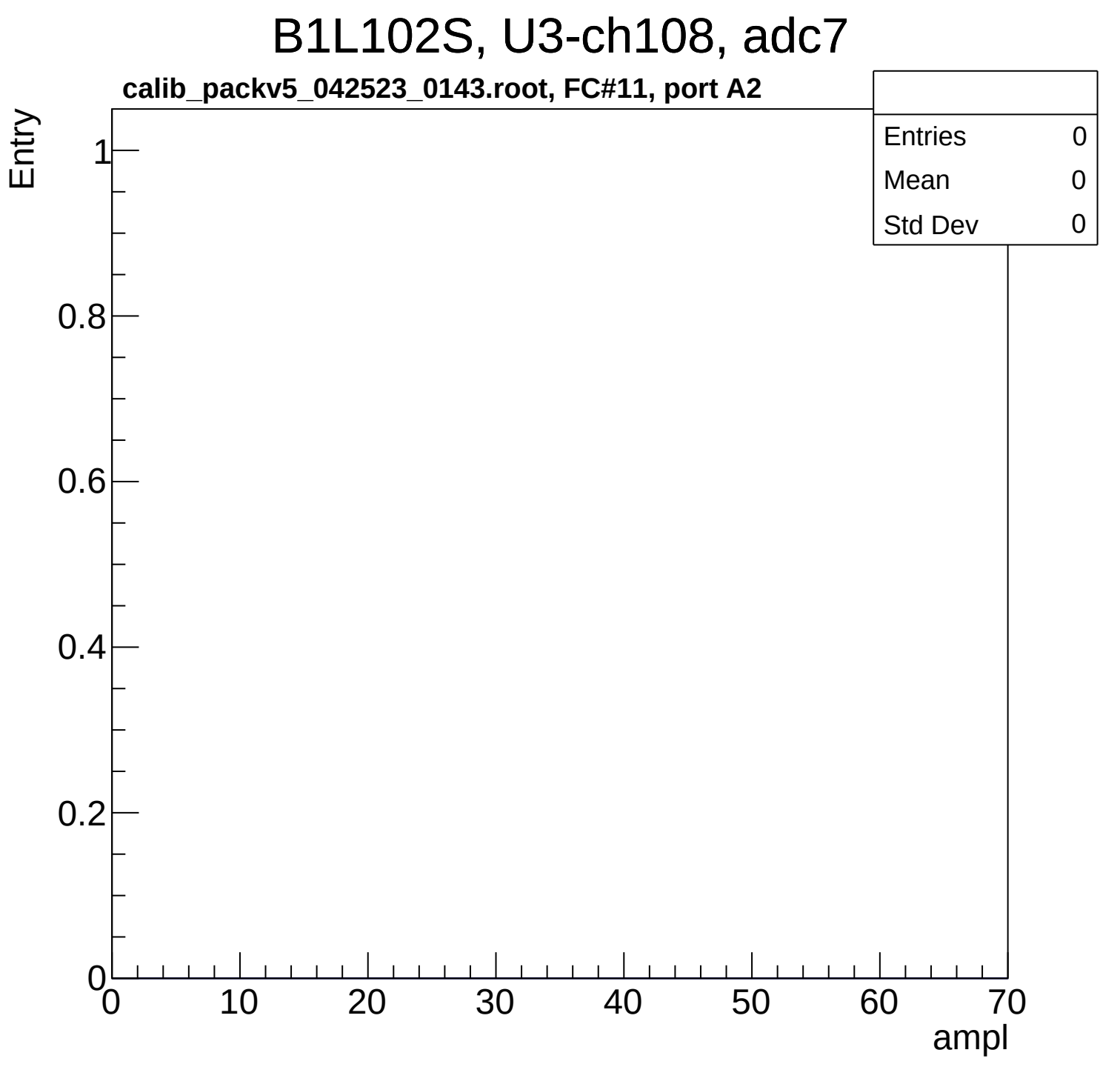
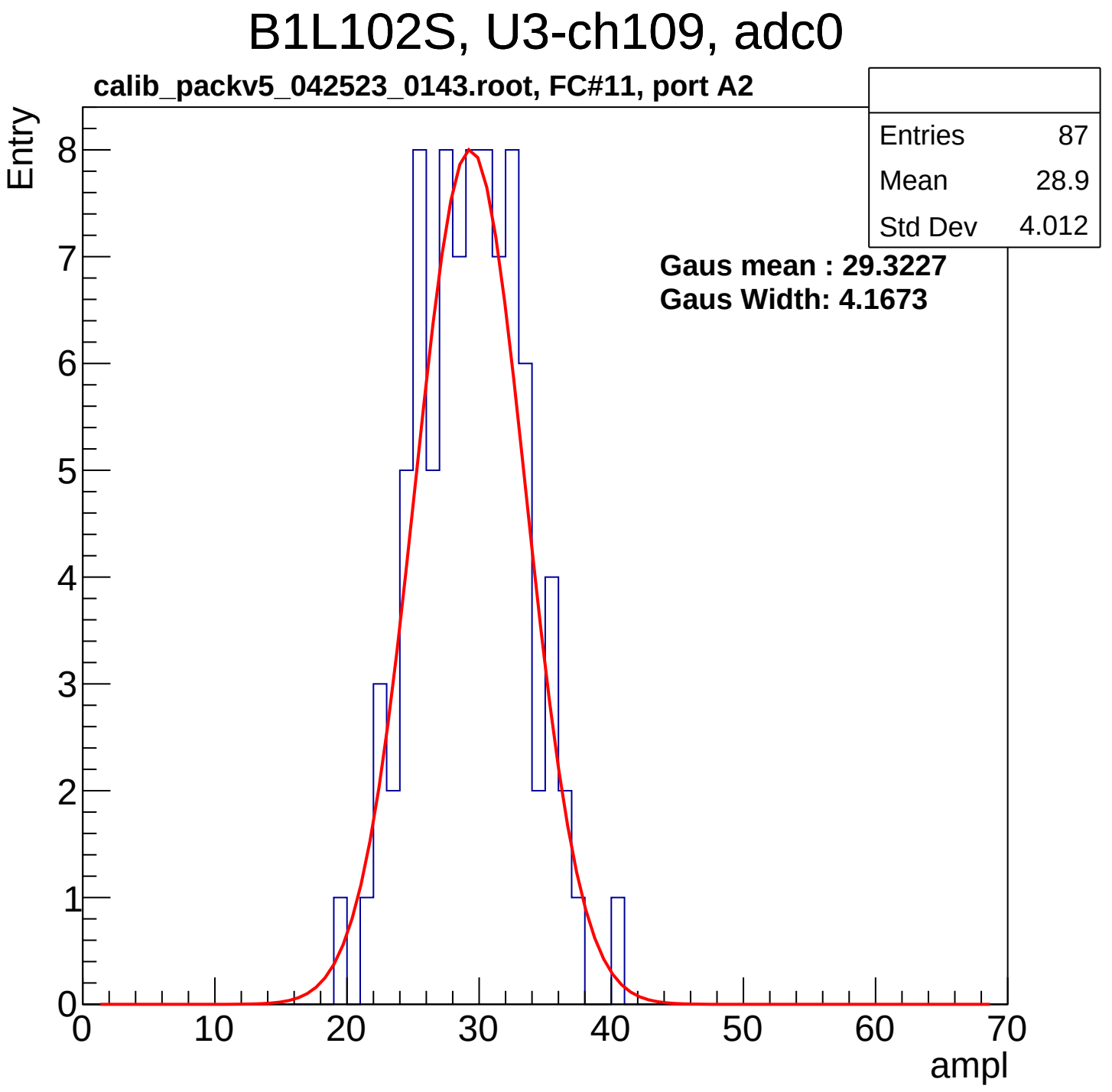
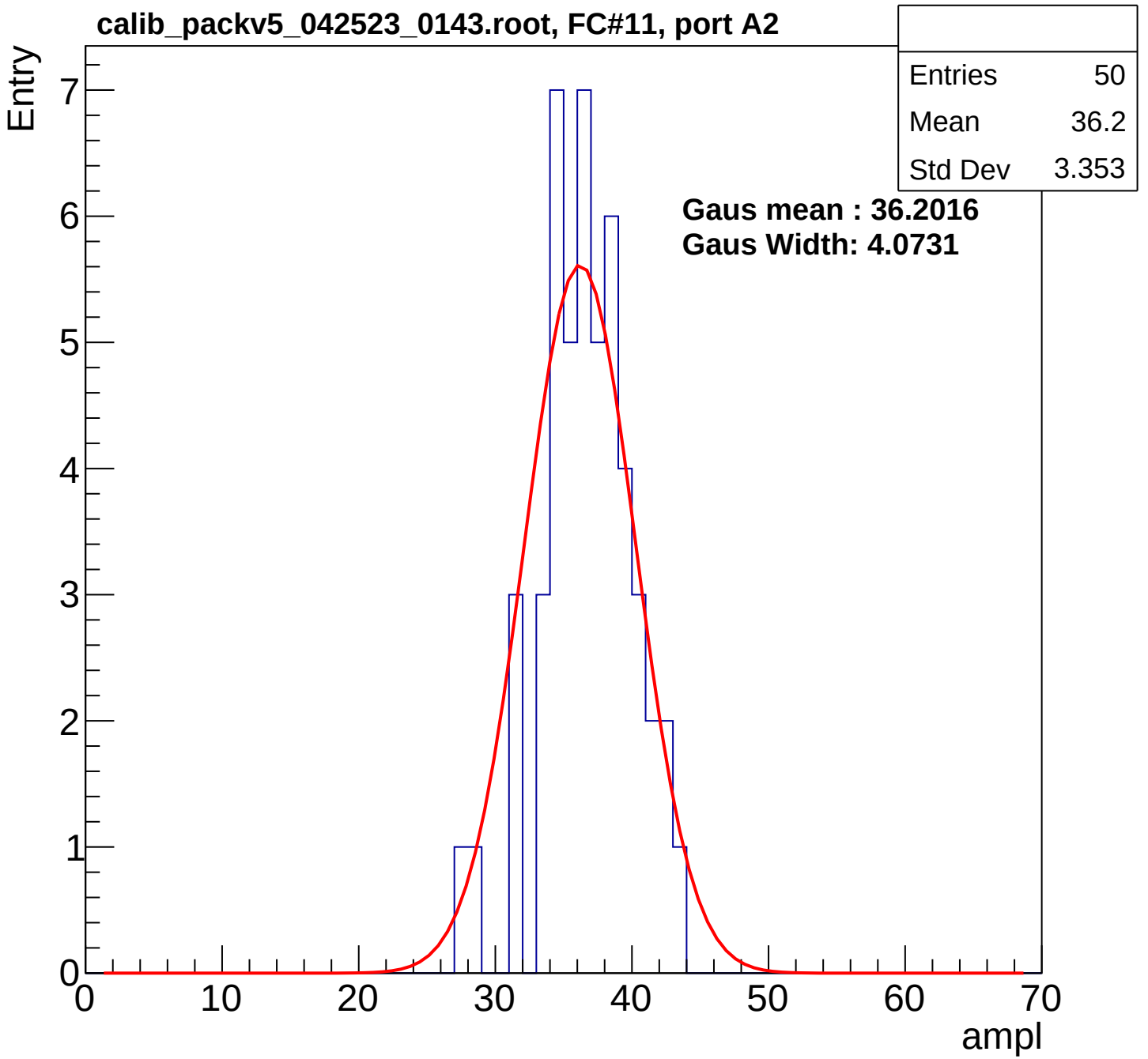

B1L102S, U3-ch108, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch109, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 87
Mean 28.9
Std Dev 4.012
Gaus mean : 29.3227
Gaus Width: 4.1673
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch109, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 36.2
Std Dev 3.353
Gaus mean : 36.2016
Gaus Width: 4.0731
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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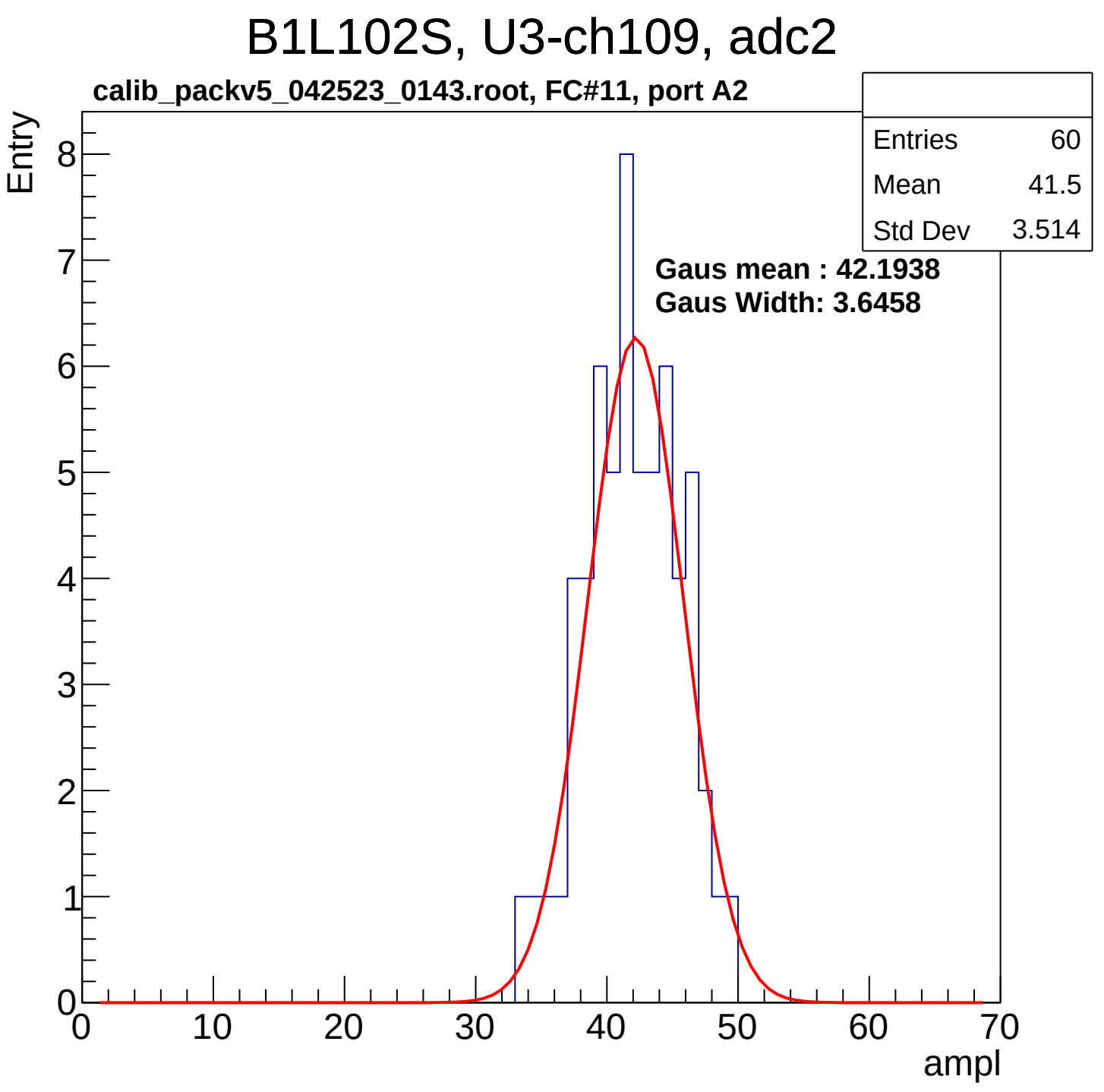
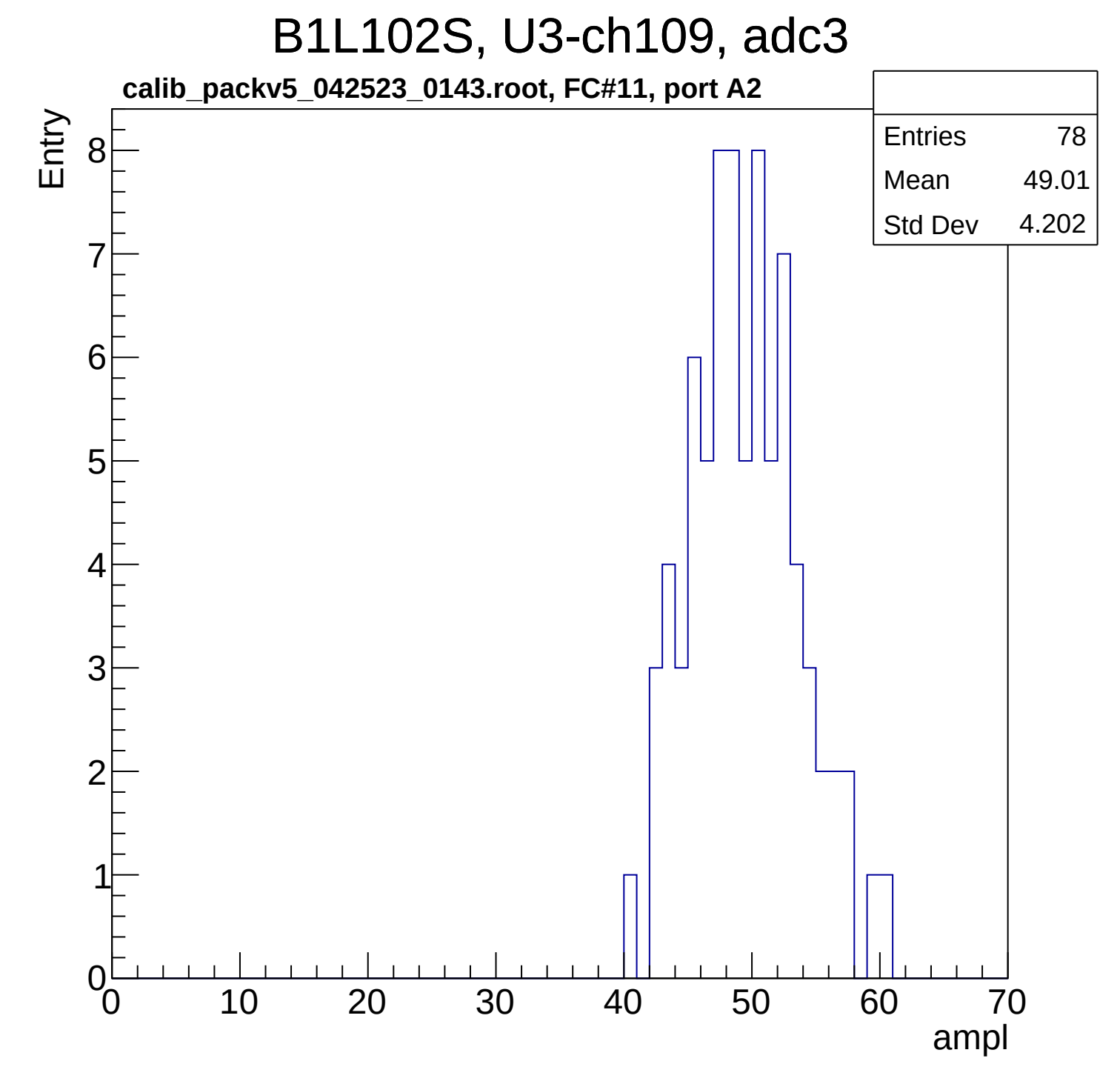
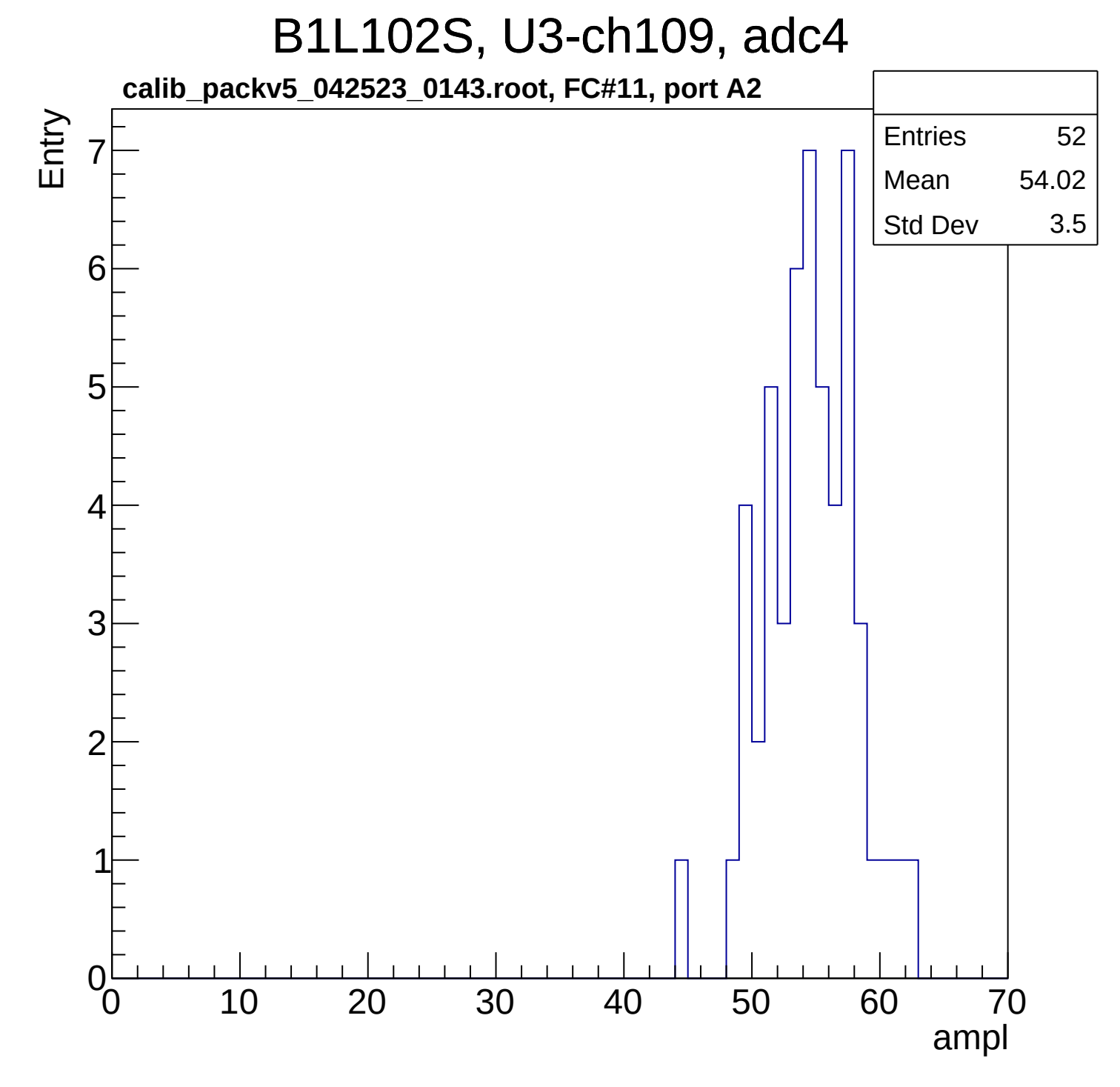
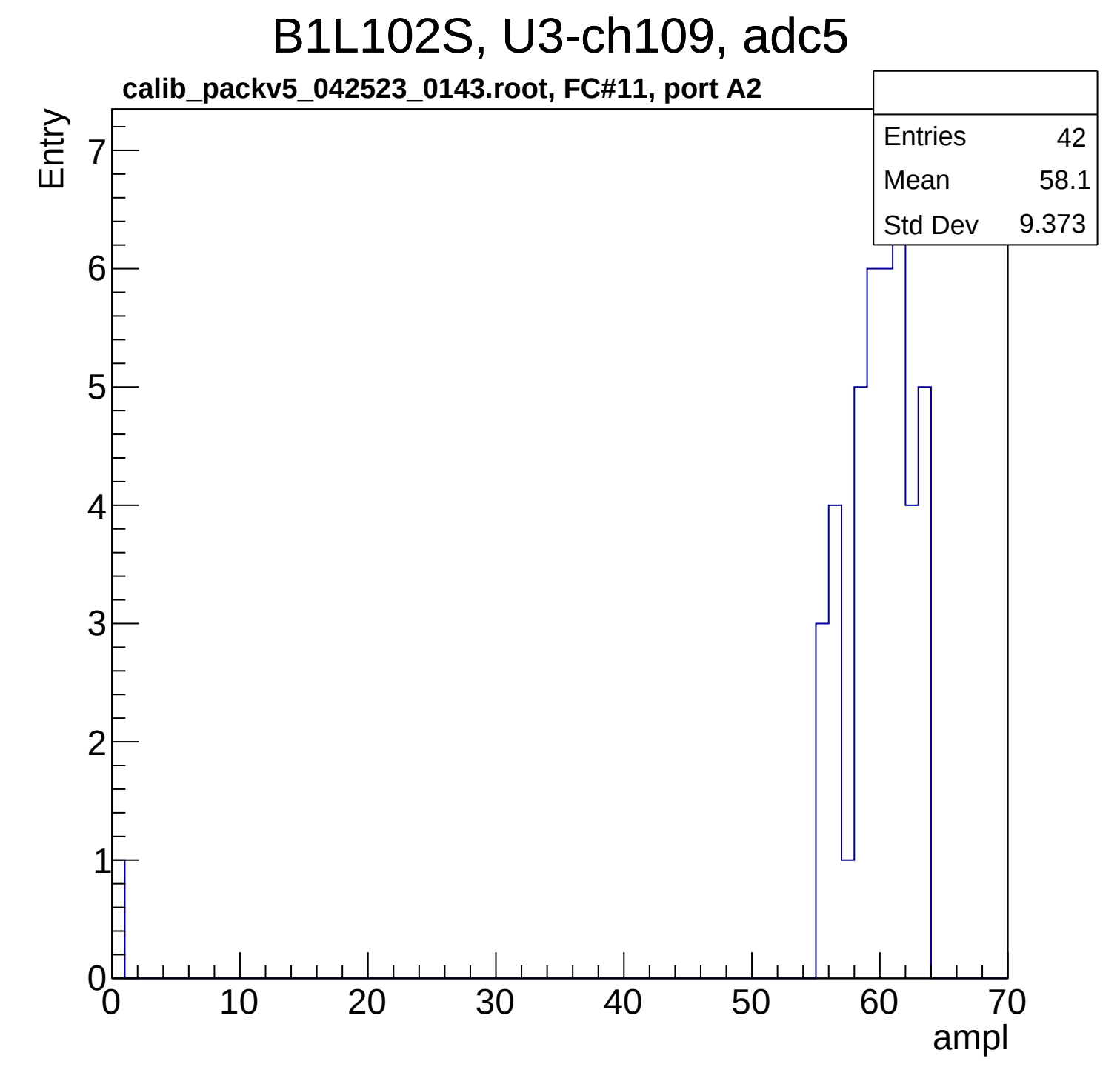
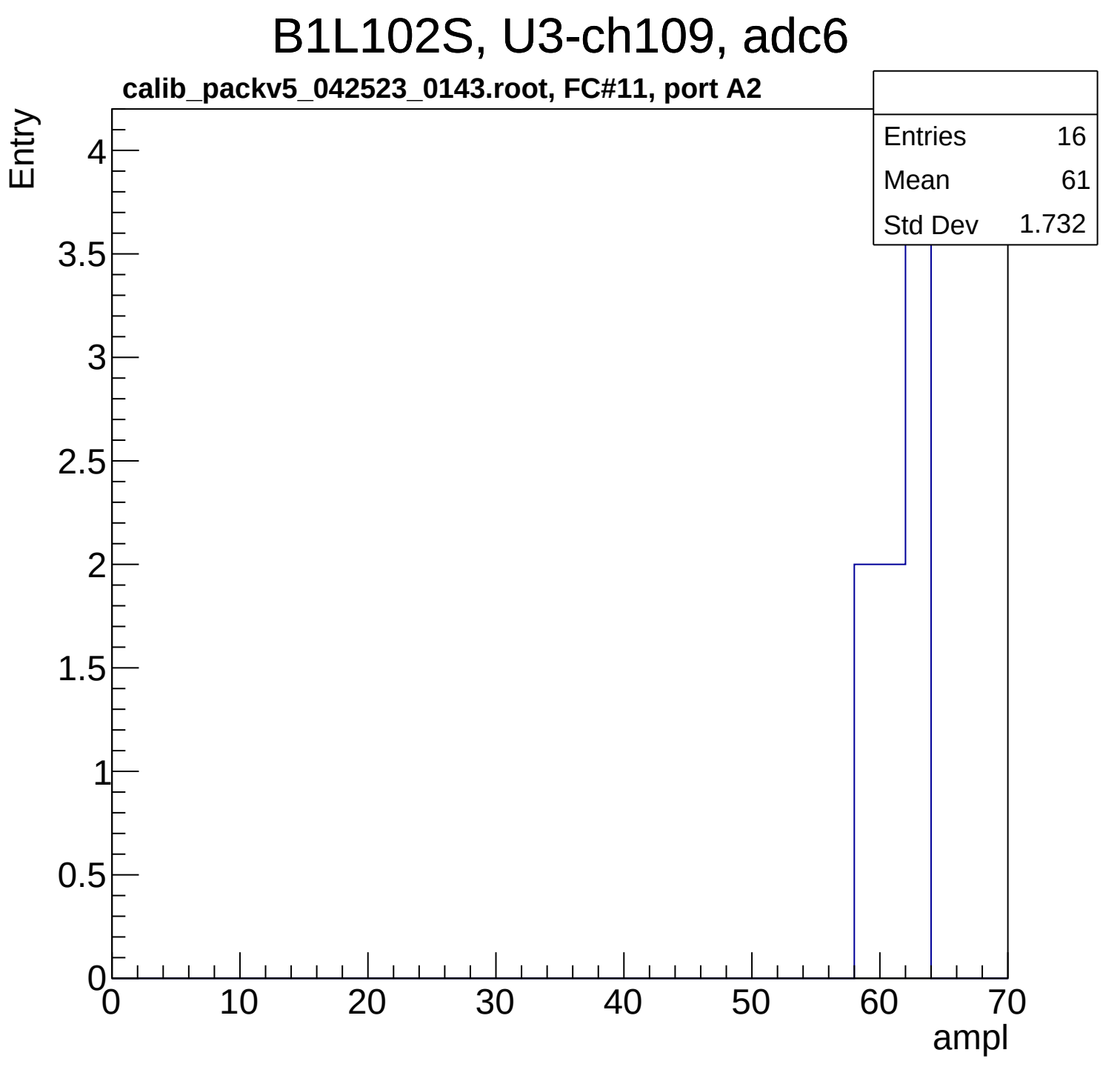
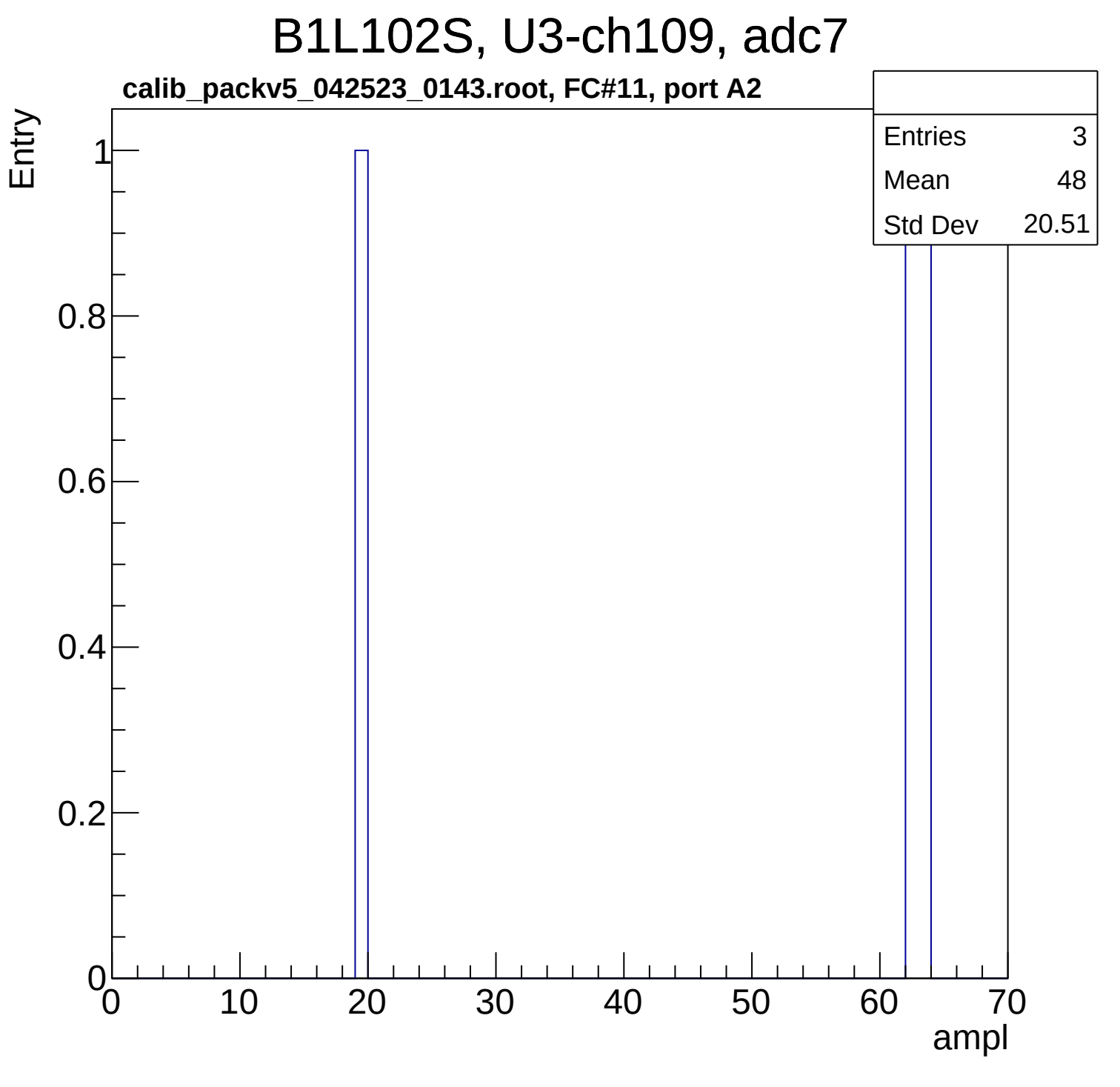

B1L102S, U3-ch109, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 41.5
Std Dev 3.514
Gaus mean : 42.1938
Gaus Width: 3.6458
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

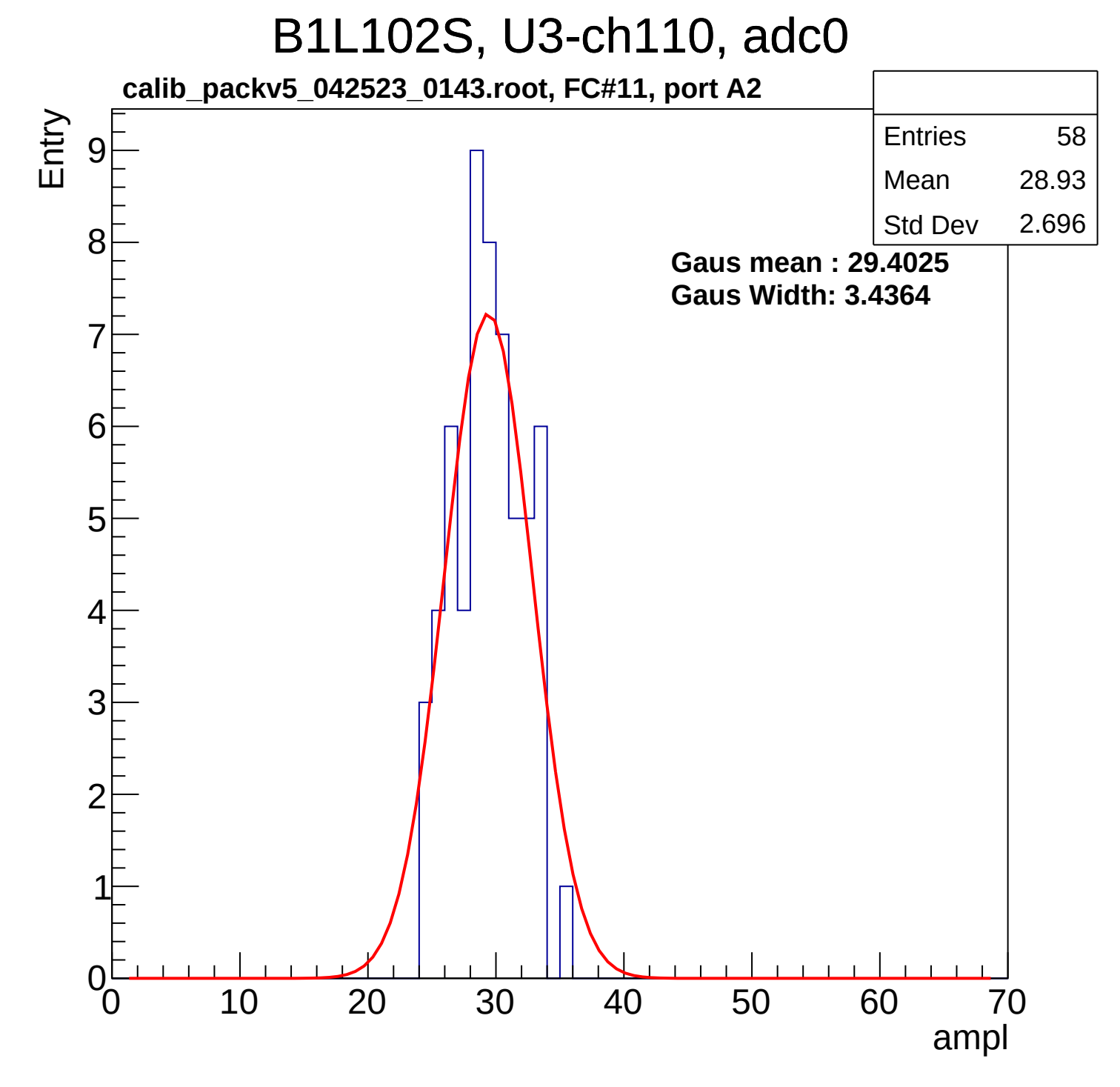

B1L102S, U3-ch109, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 49.01
Std Dev 4.202
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

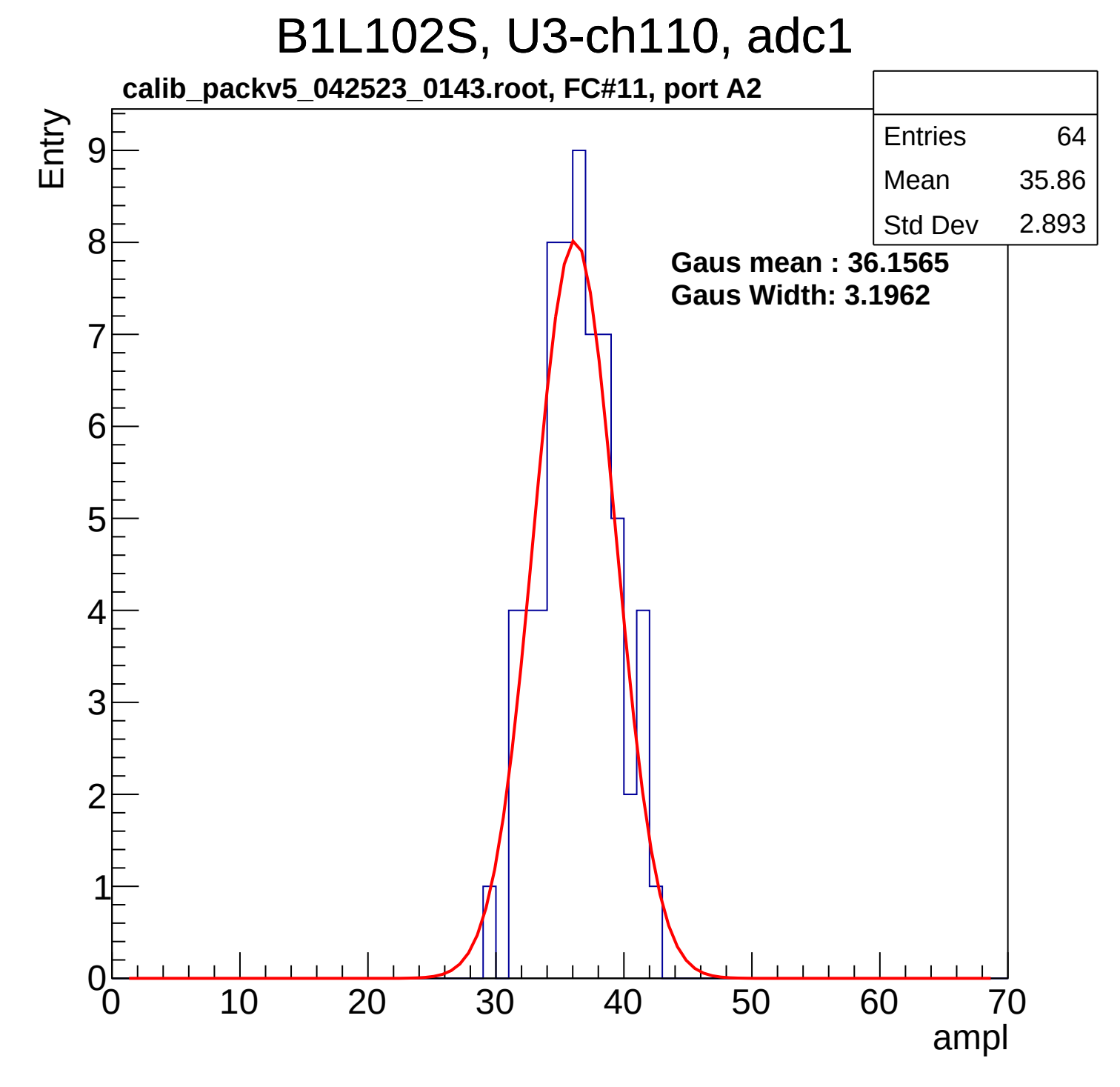

B1L102S, U3-ch109, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 54.02
Std Dev 3.5
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

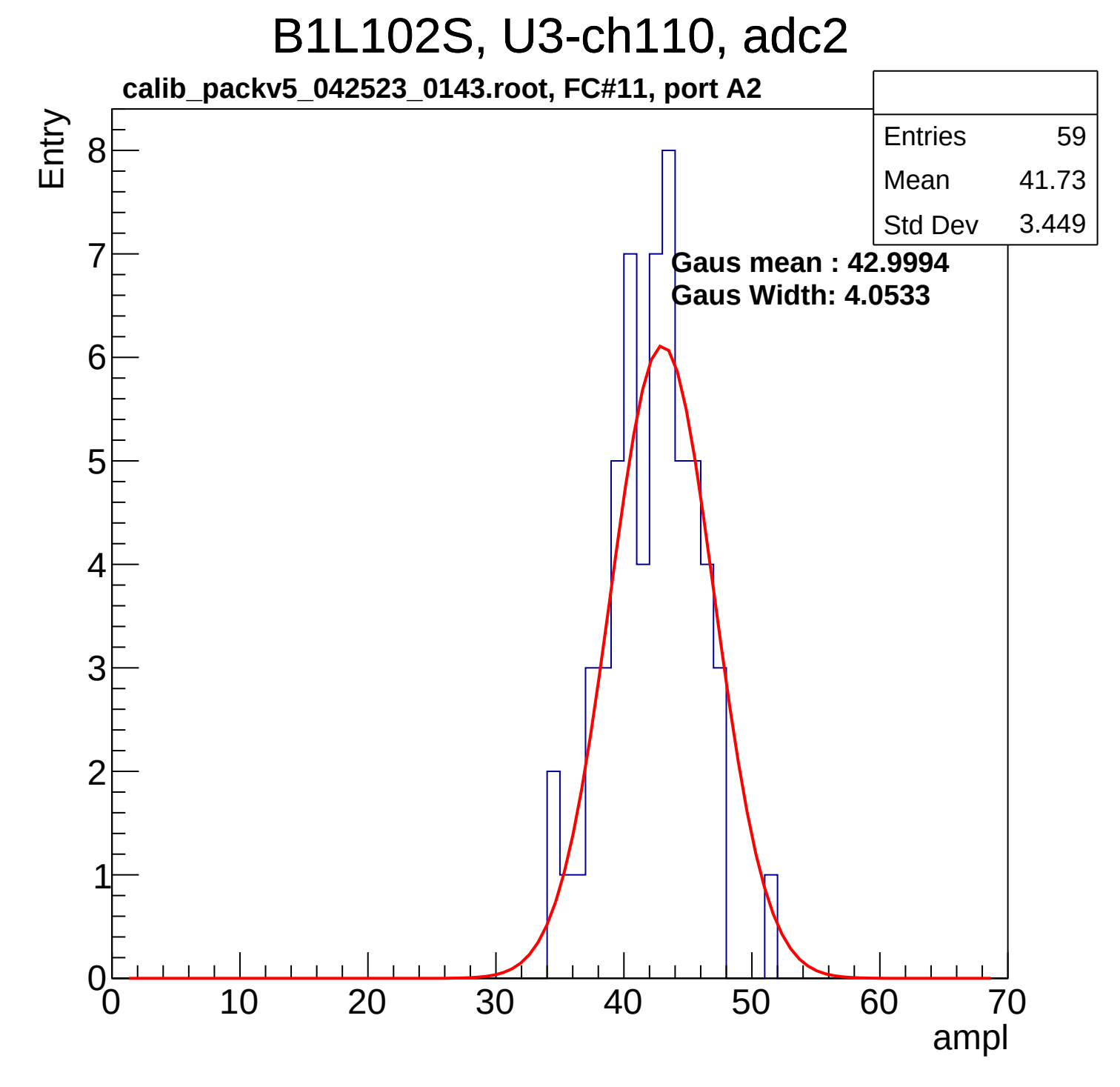

B1L102S, U3-ch109, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 58.1
Std Dev 9.373
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

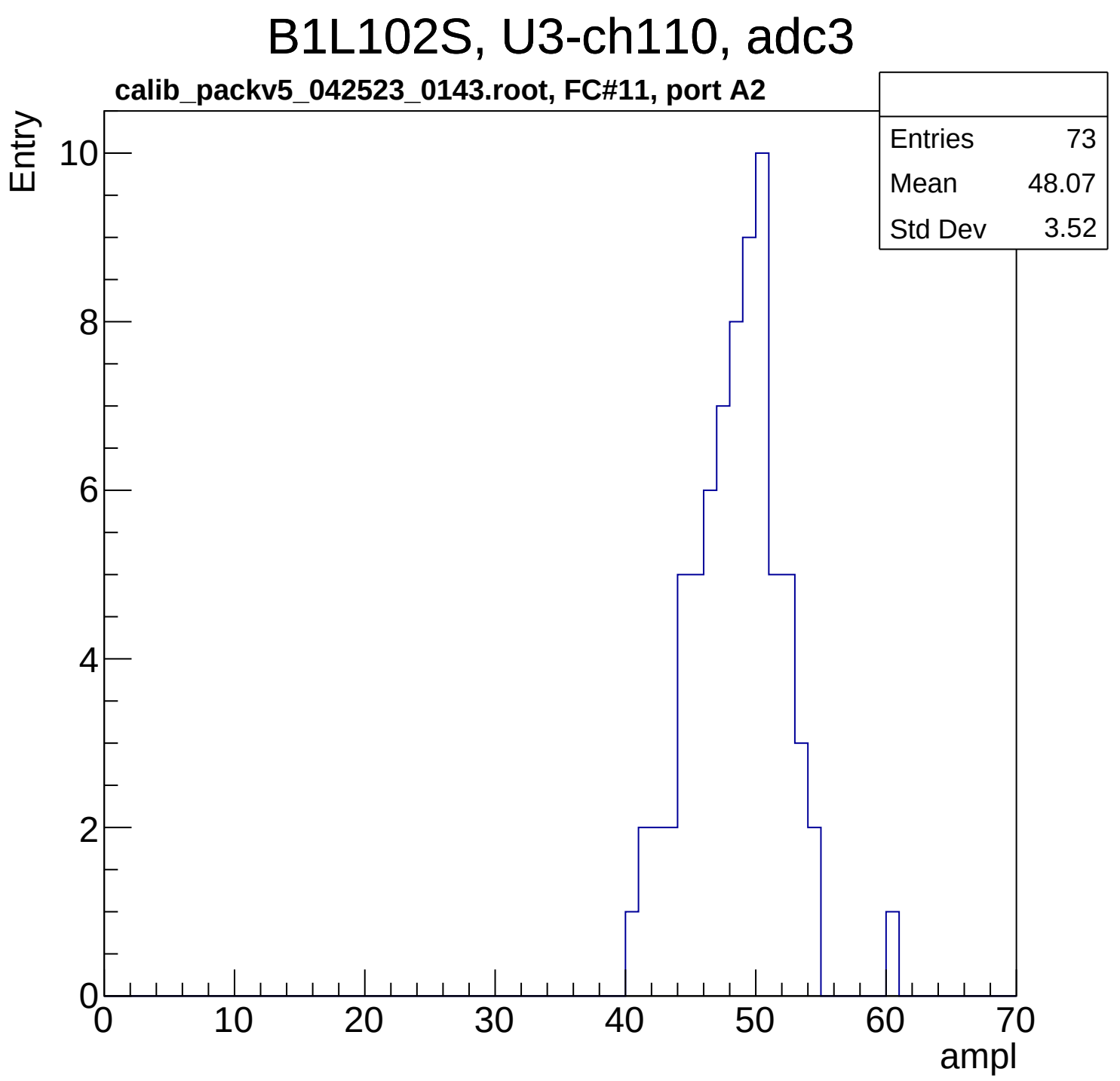

B1L102S, U3-ch109, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 16
Mean 61
Std Dev 1.732
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

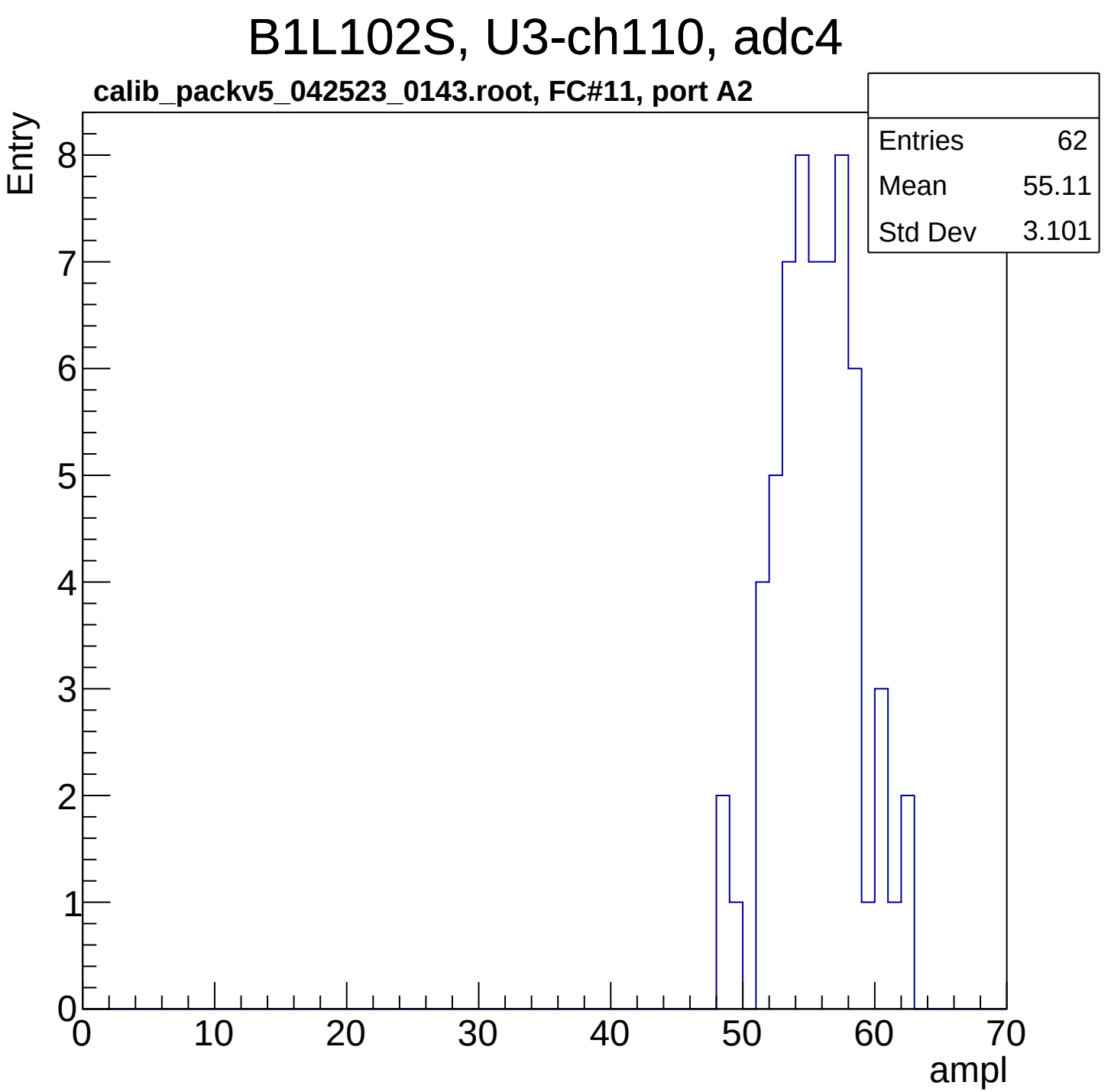

B1L102S, U3-ch109, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 48
Std Dev 20.51
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

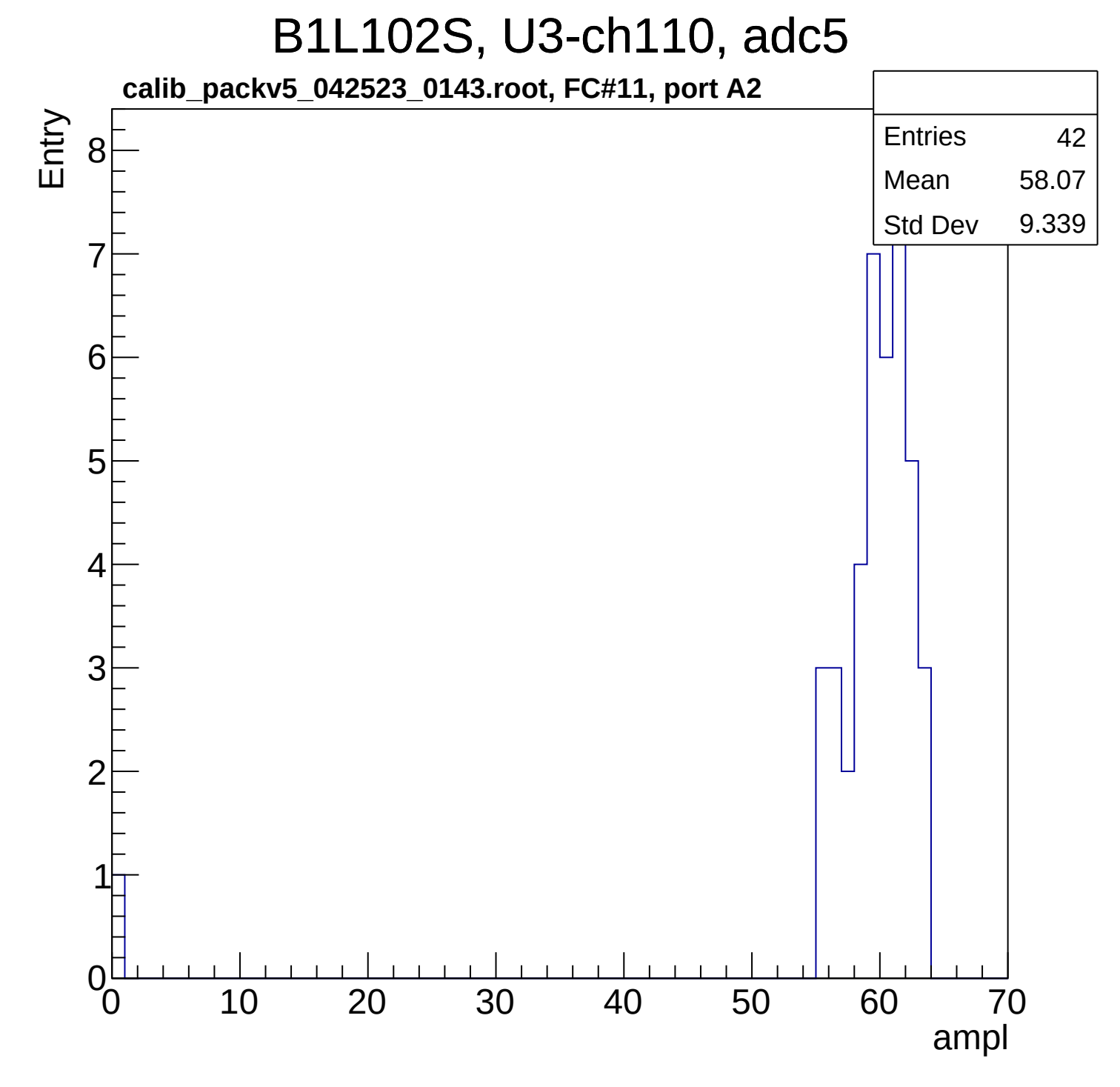

B1L102S, U3-ch110, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 28.93
Std Dev 2.696
Gaus mean : 29.4025
Gaus Width: 3.4364
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

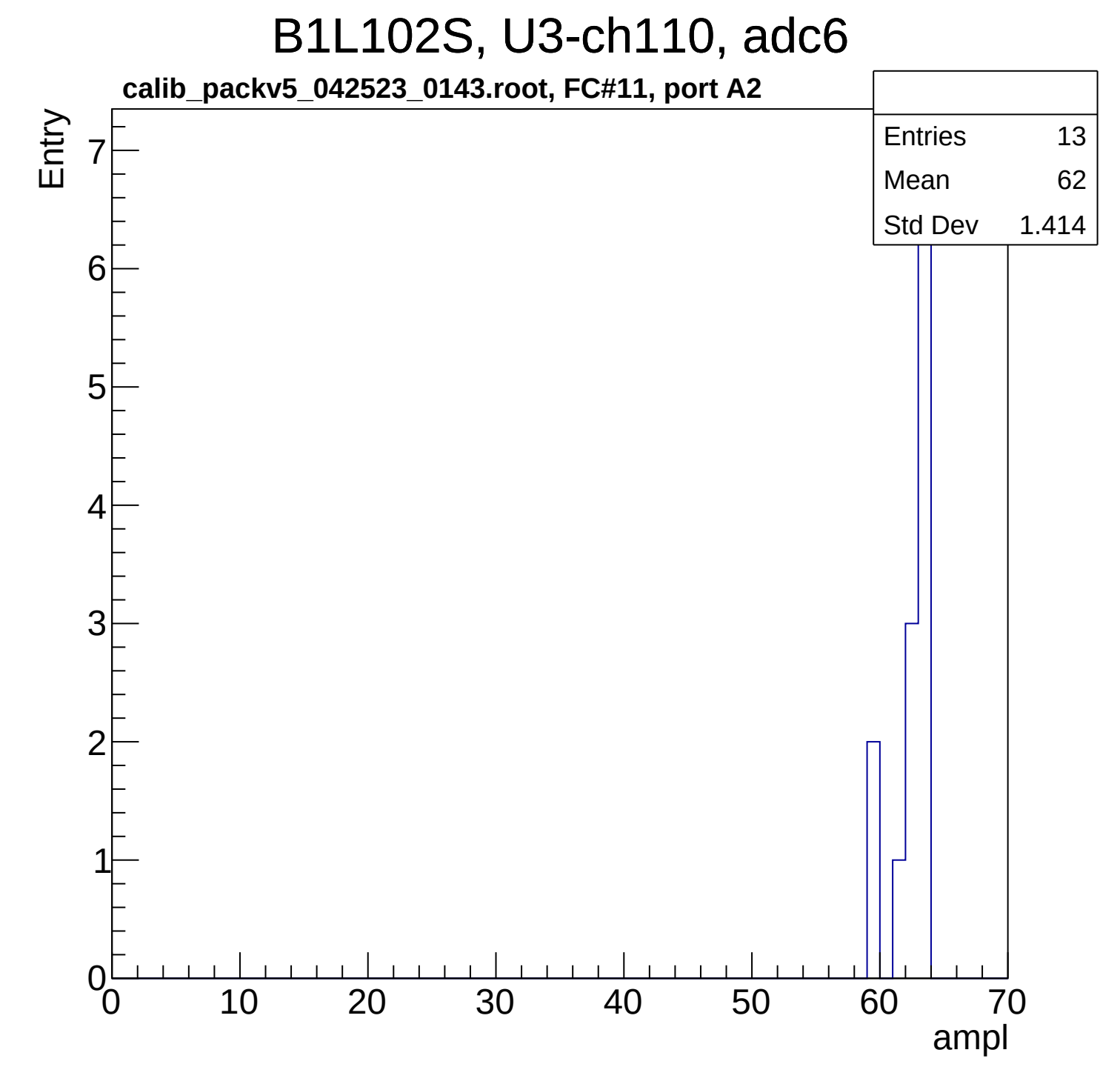

B1L102S, U3-ch110, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 35.86
Std Dev 2.893
Gaus mean : 36.1565
Gaus Width: 3.1962
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

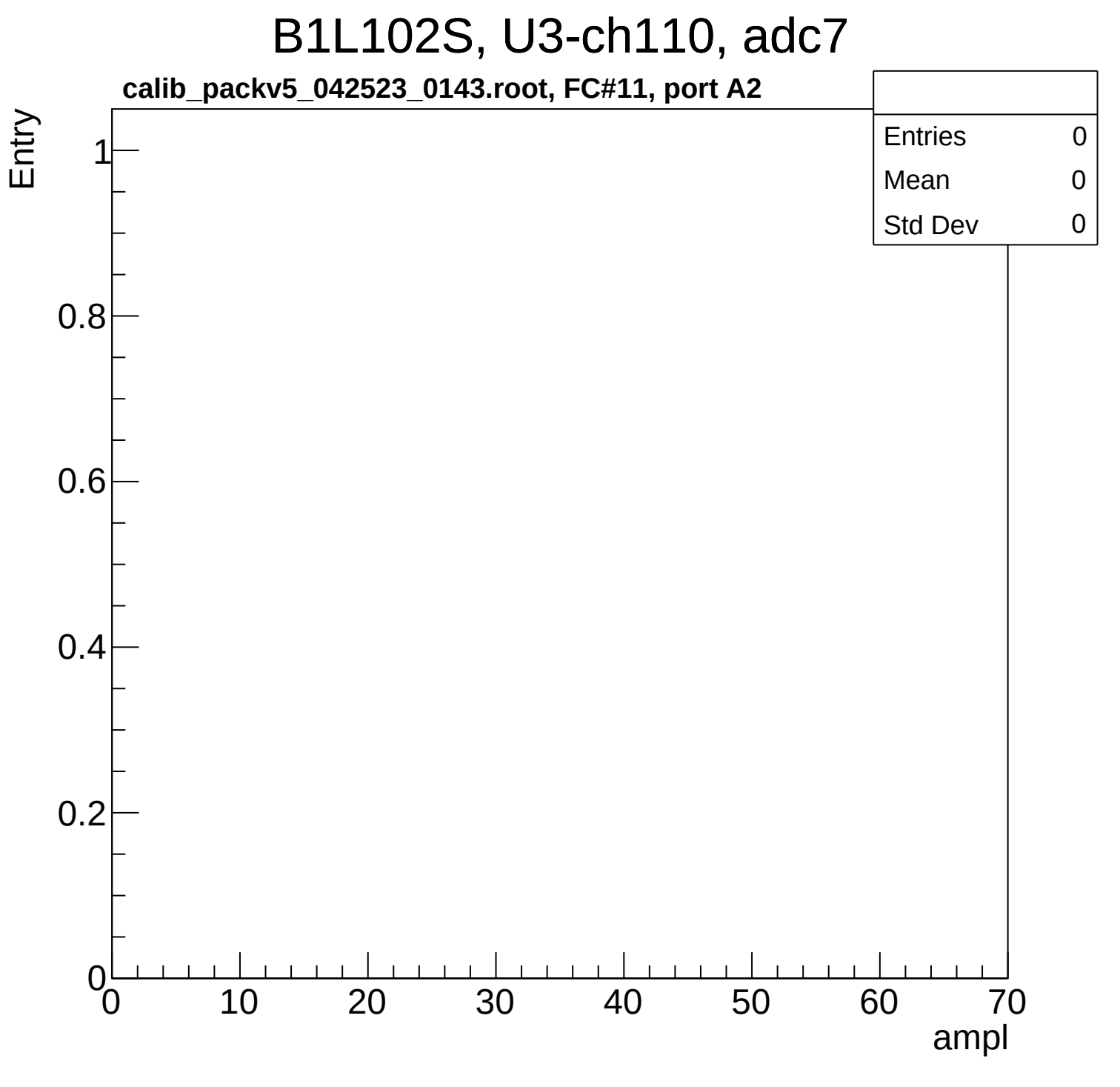

B1L102S, U3-ch110, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 41.73
Std Dev 3.449
Gaus mean : 42.9994
Gaus Width: 4.0533
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

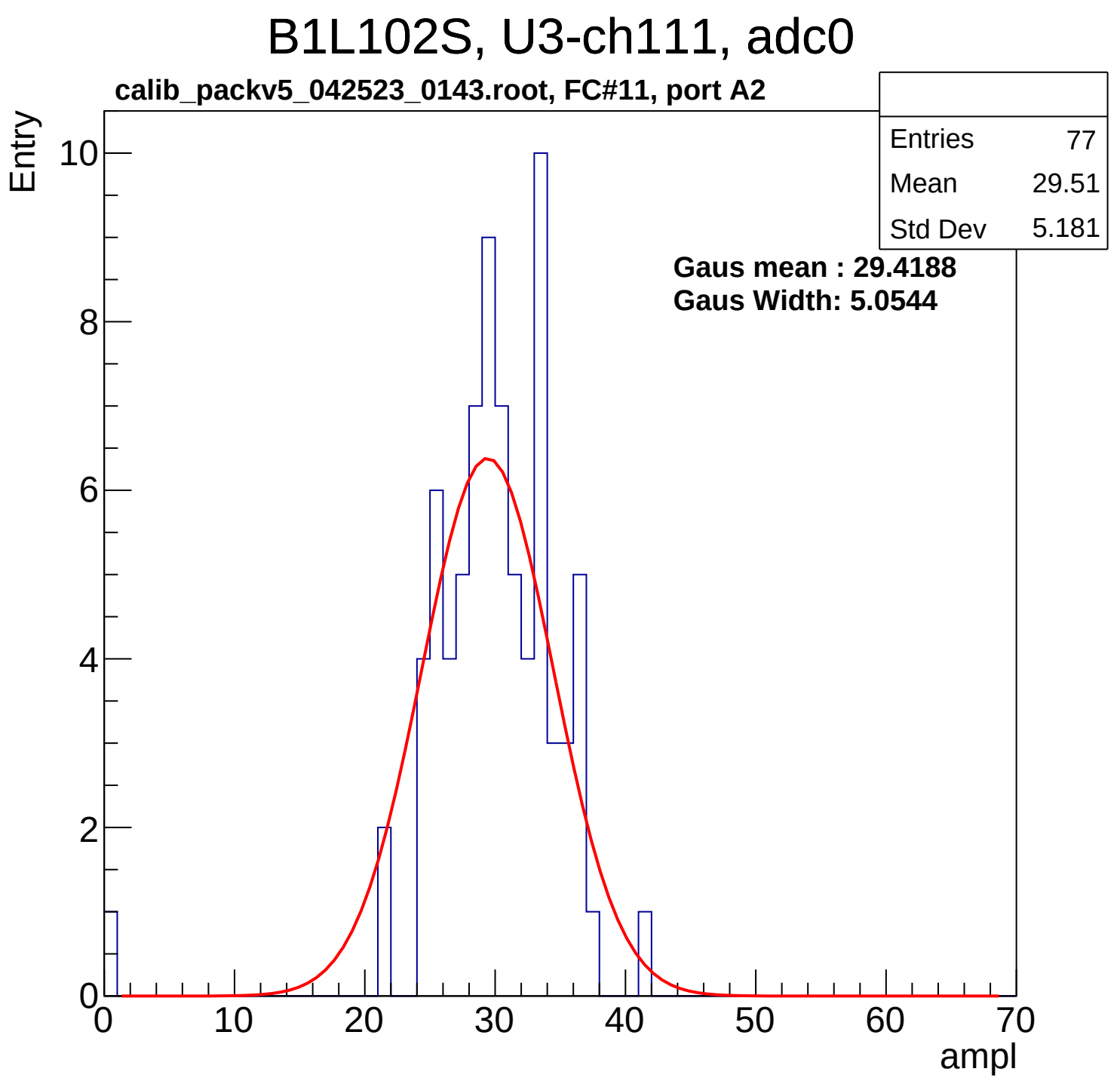

B1L102S, U3-ch110, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 48.07
Std Dev 3.52
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

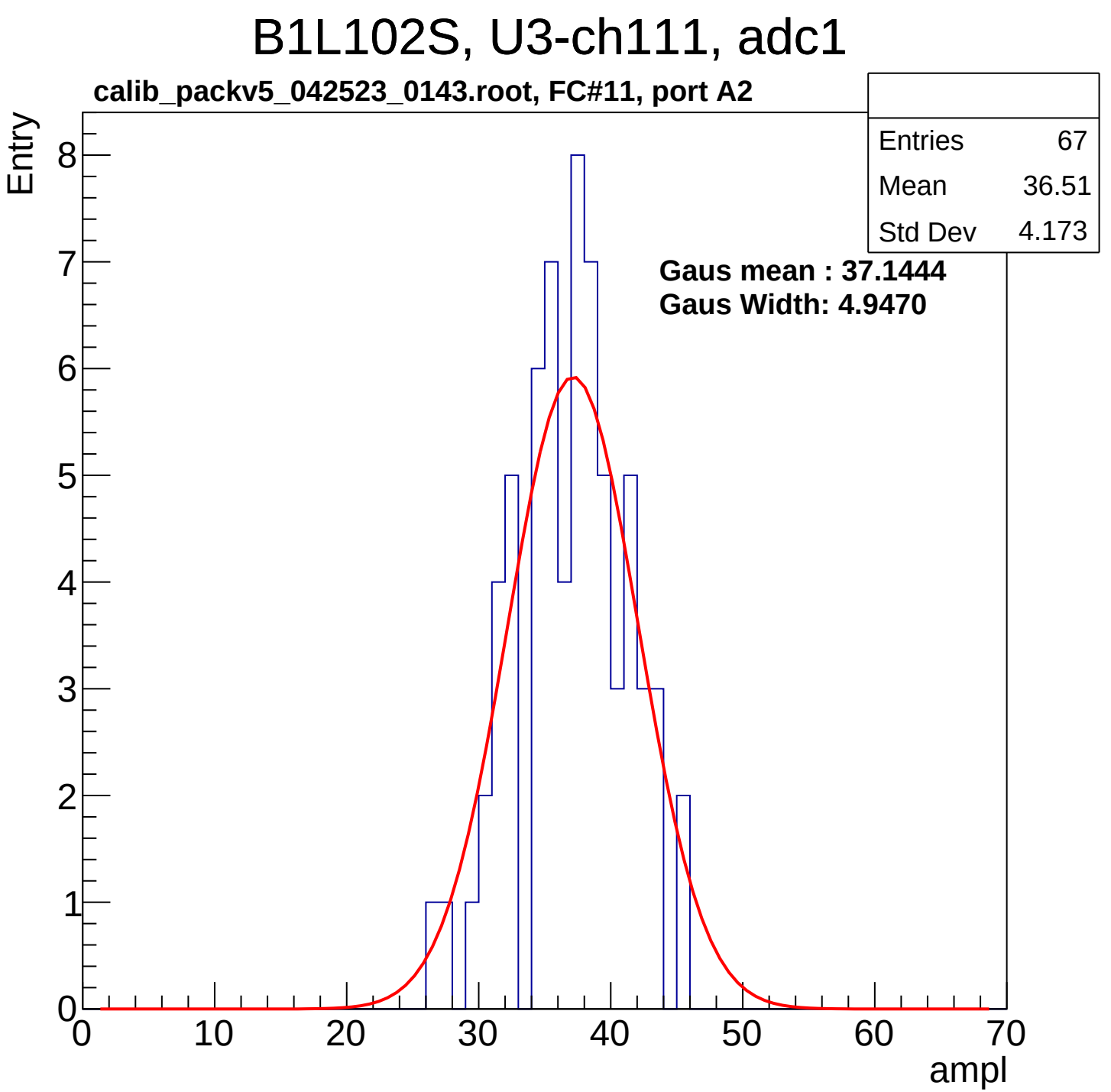

B1L102S, U3-ch110, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 55.11
Std Dev 3.101
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

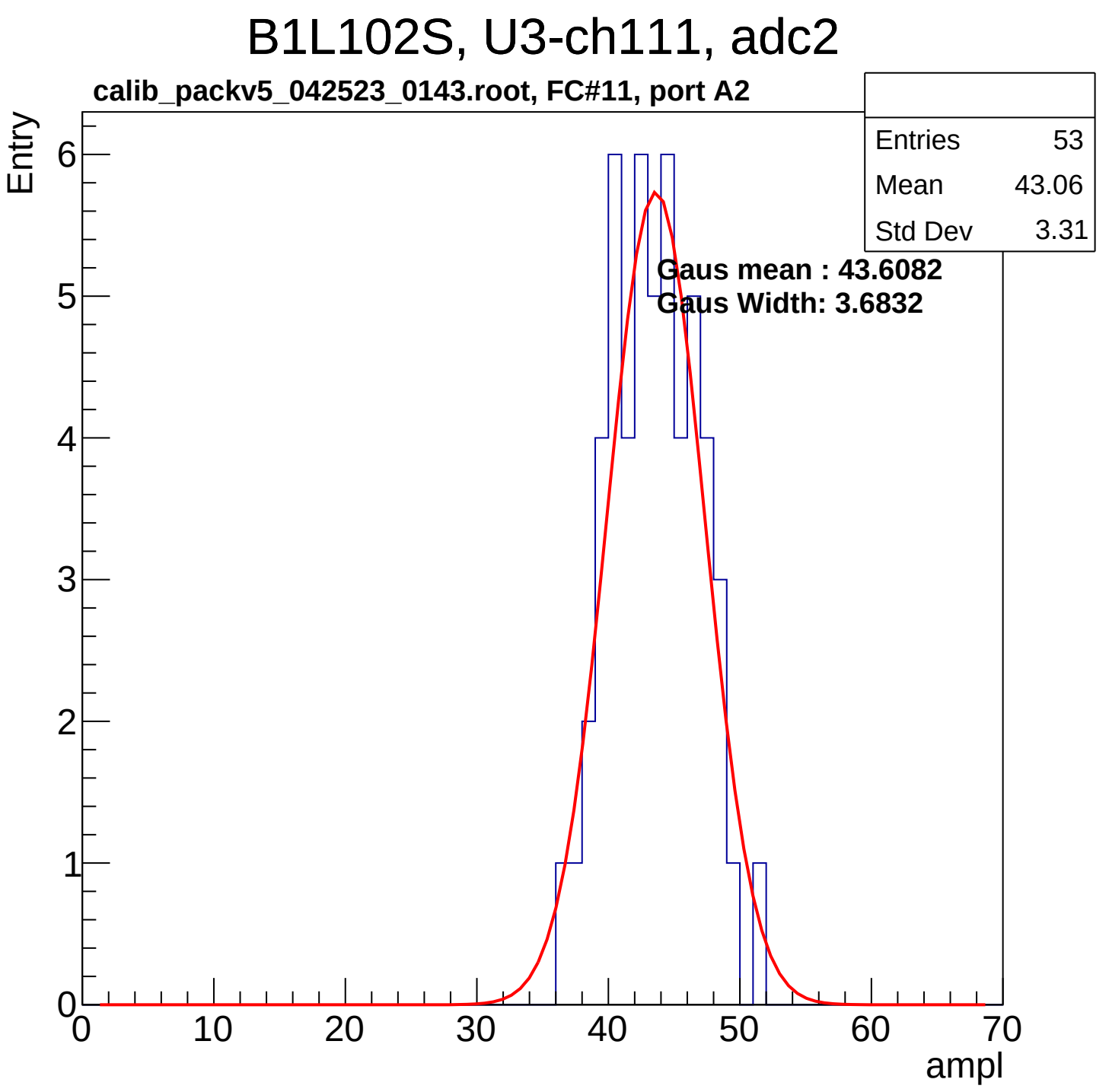

B1L102S, U3-ch110, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 58.07
Std Dev 9.339
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

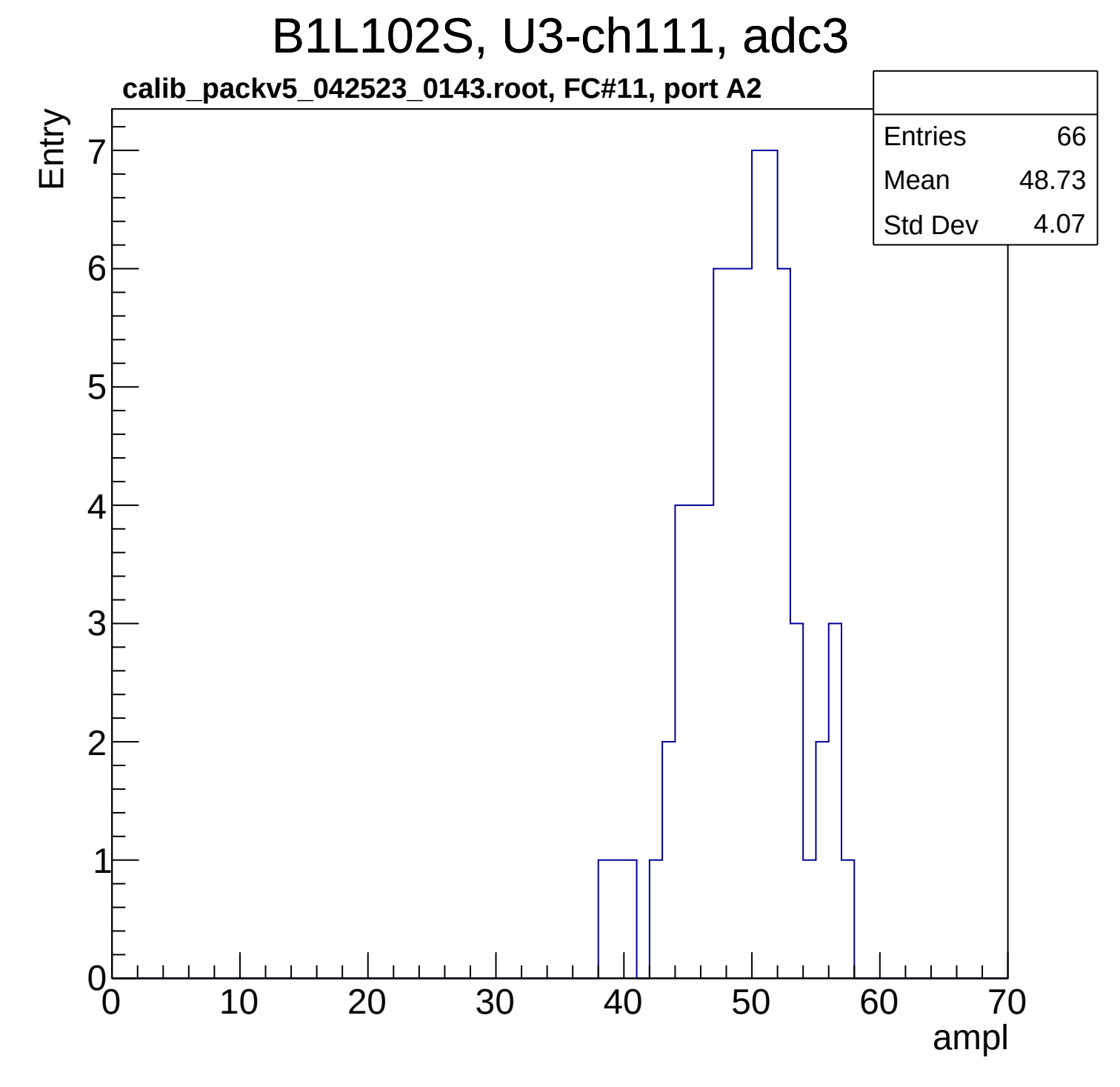

B1L102S, U3-ch110, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 62
Std Dev 1.414
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch110, 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, U3-ch111, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 29.51
Std Dev 5.181
Gaus mean : 29.4188
Gaus Width: 5.0544
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch111, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 36.51
Std Dev 4.173
Gaus mean : 37.1444
Gaus Width: 4.9470
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch111, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 43.06
Std Dev 3.31
Gaus mean : 43.6082
Gaus Width: 3.6832
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch111, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 48.73
Std Dev 4.07
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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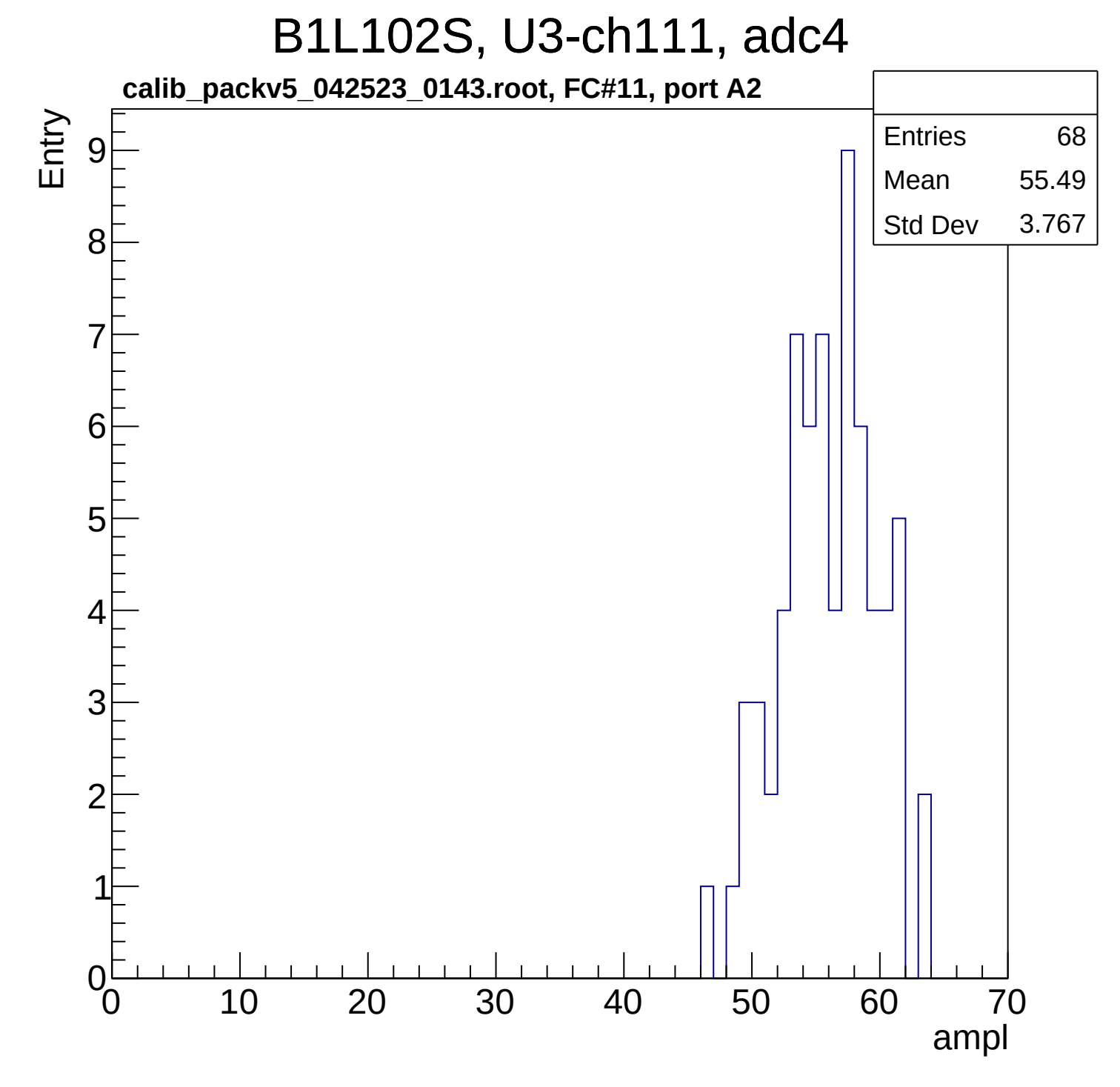
B1L102S, U3-ch111, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 55.49
Std Dev 3.767
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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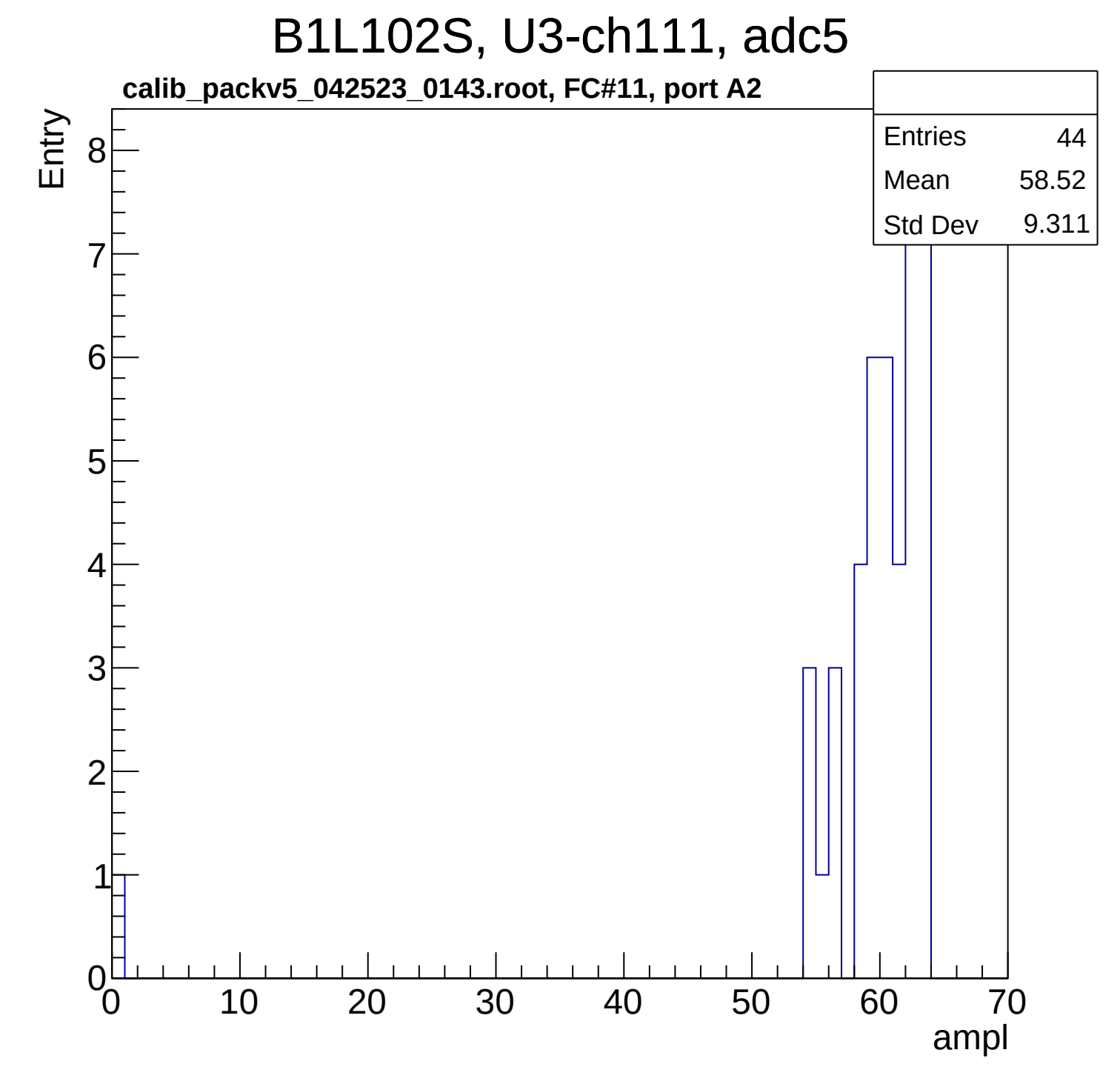
B1L102S, U3-ch111, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 58.52
Std Dev 9.311
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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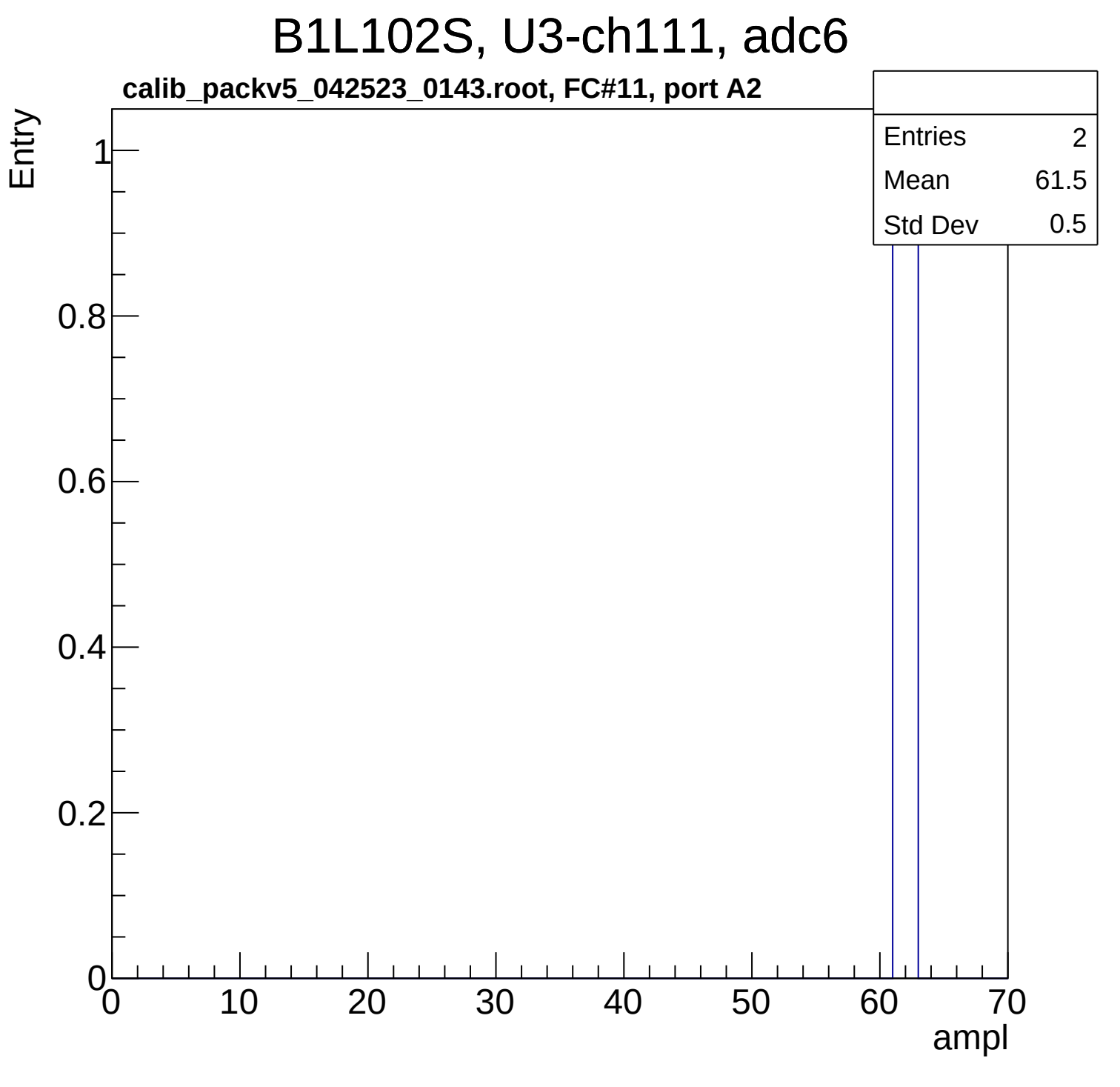
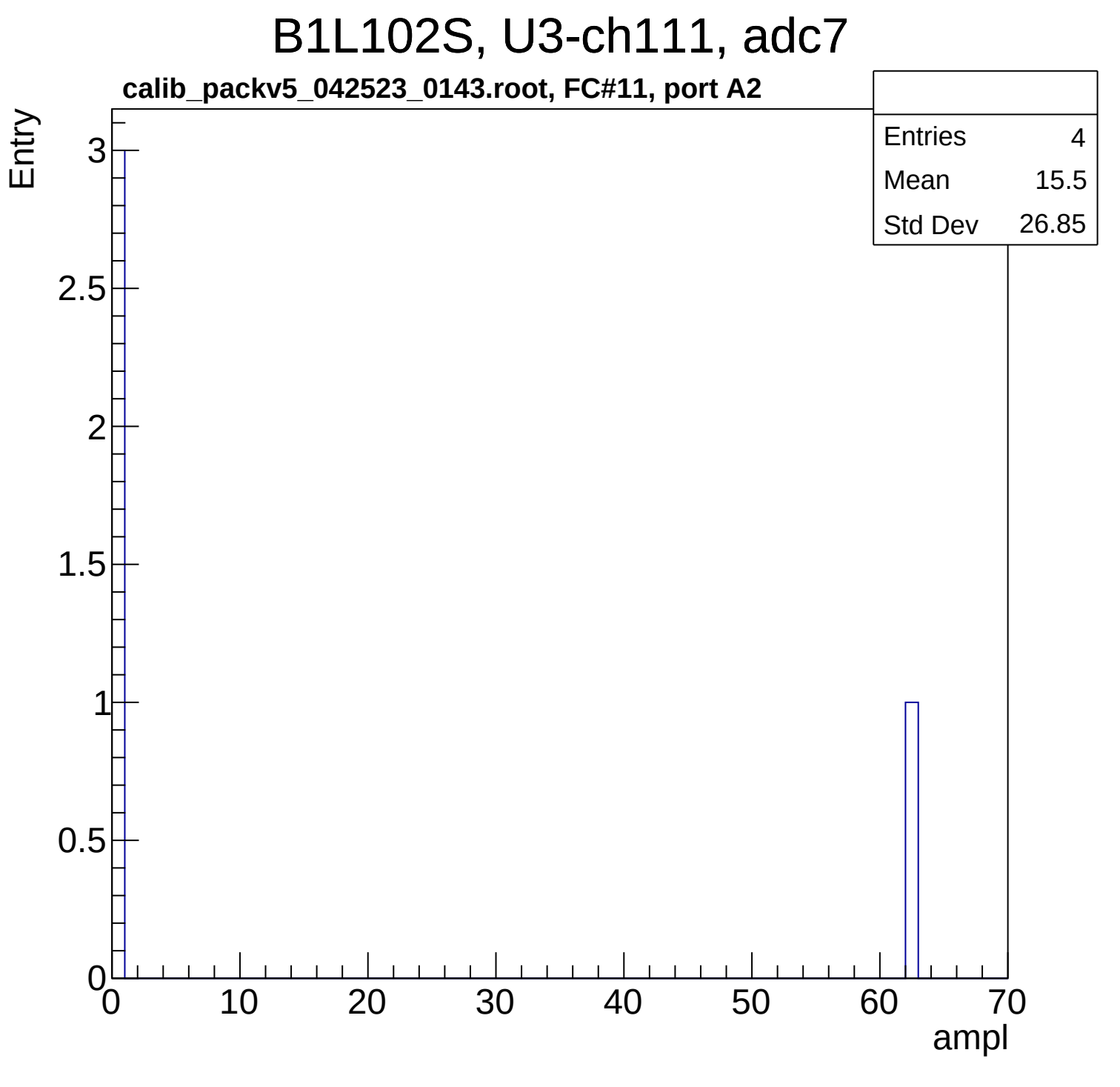
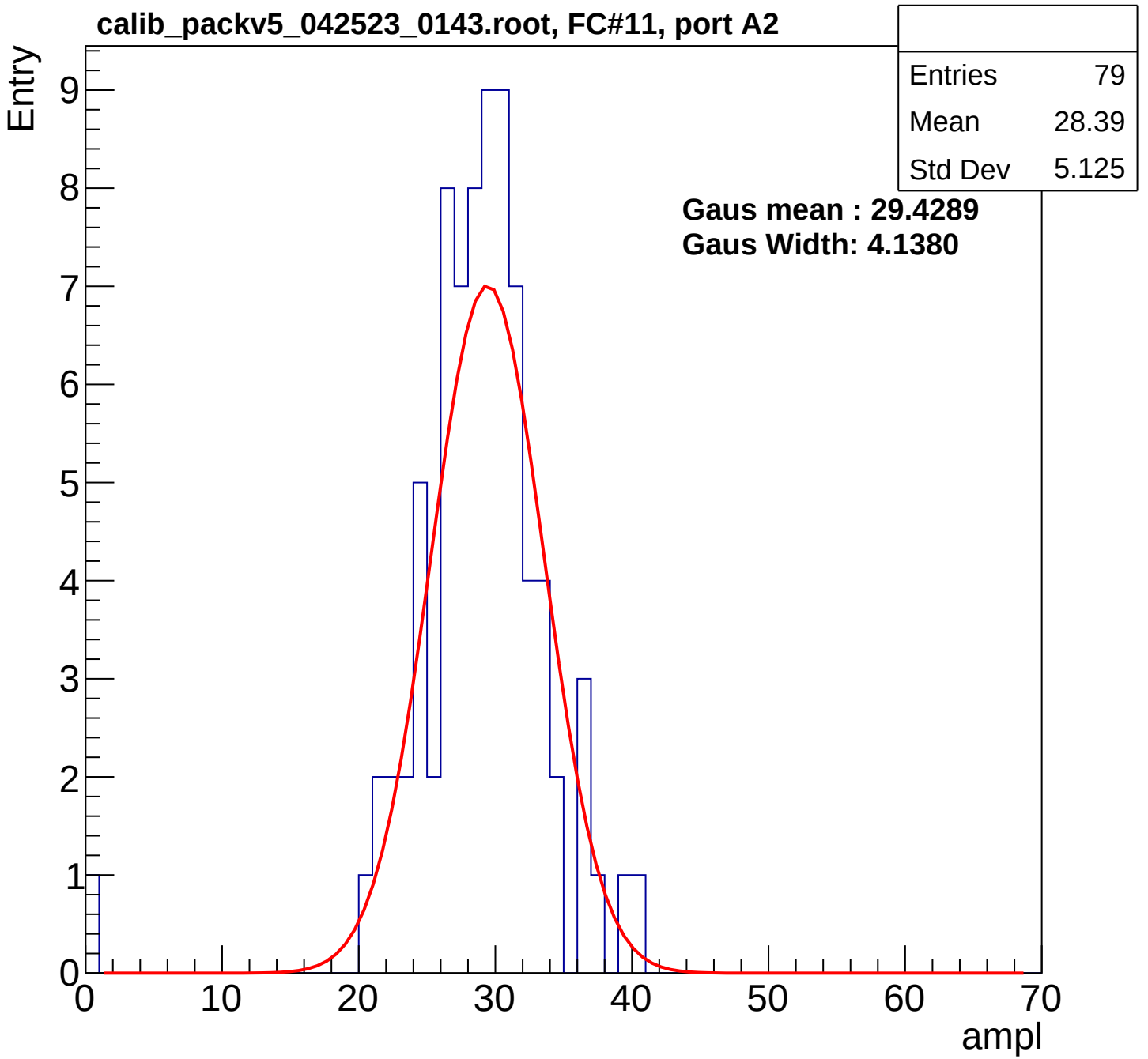
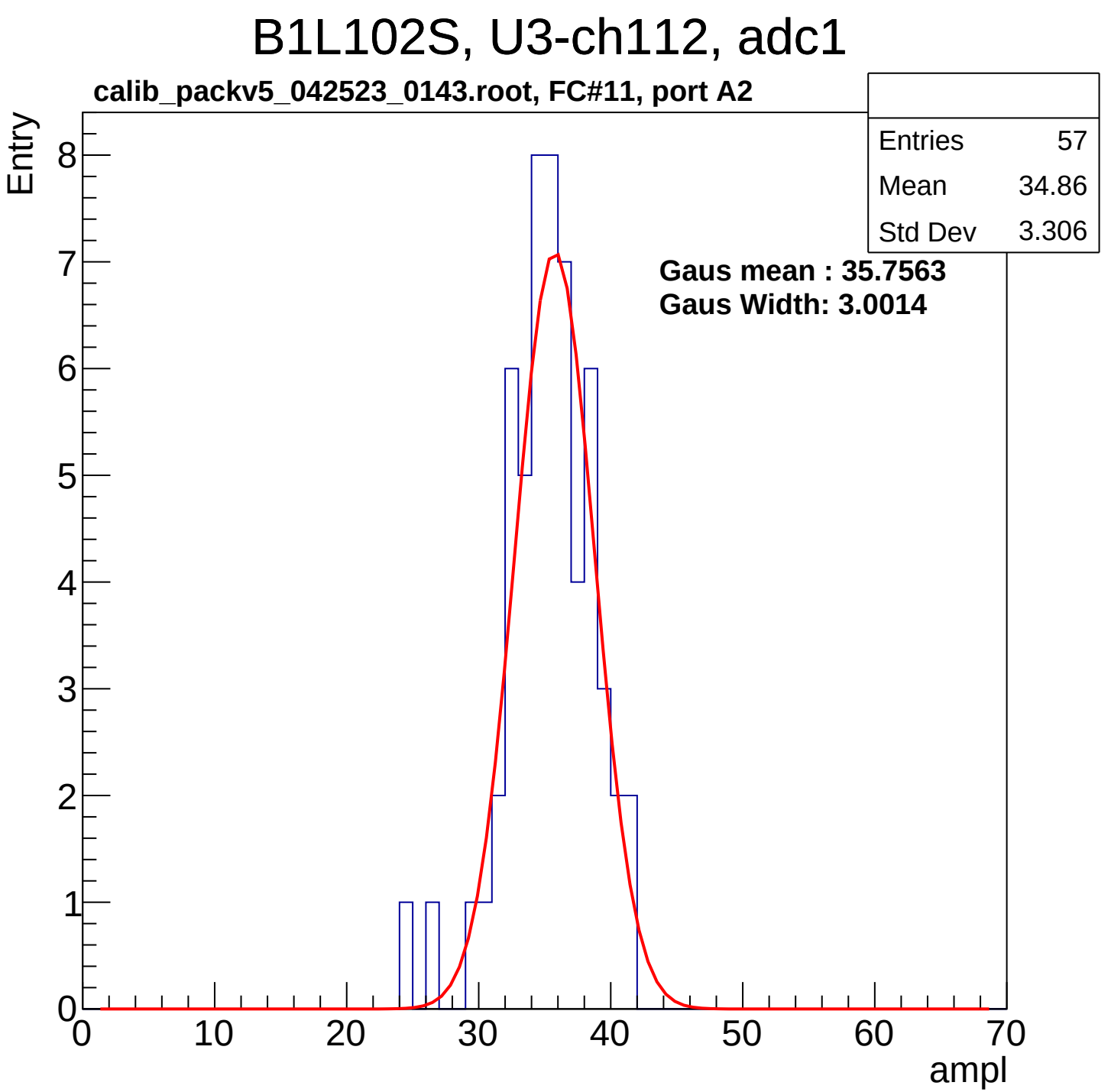

B1L102S, U3-ch111, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 61.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch111, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 15.5
Std Dev 26.85
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch112, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 28.39
Std Dev 5.125
Gaus mean : 29.4289
Gaus Width: 4.1380
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch112, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 34.86
Std Dev 3.306
Gaus mean : 35.7563
Gaus Width: 3.0014
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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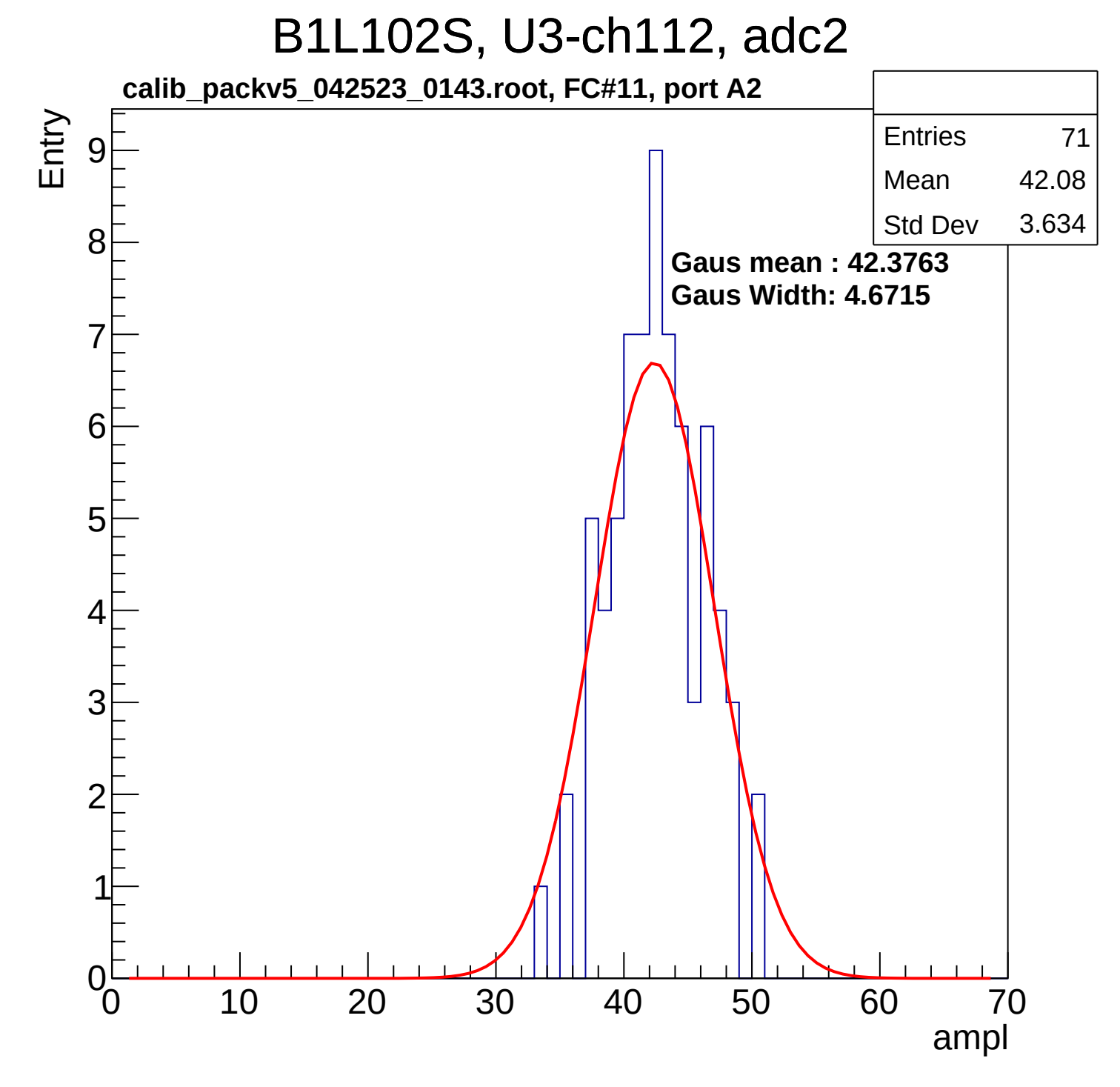
B1L102S, U3-ch112, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 42.08
Std Dev 3.634
Gaus mean : 42.3763
Gaus Width: 4.6715
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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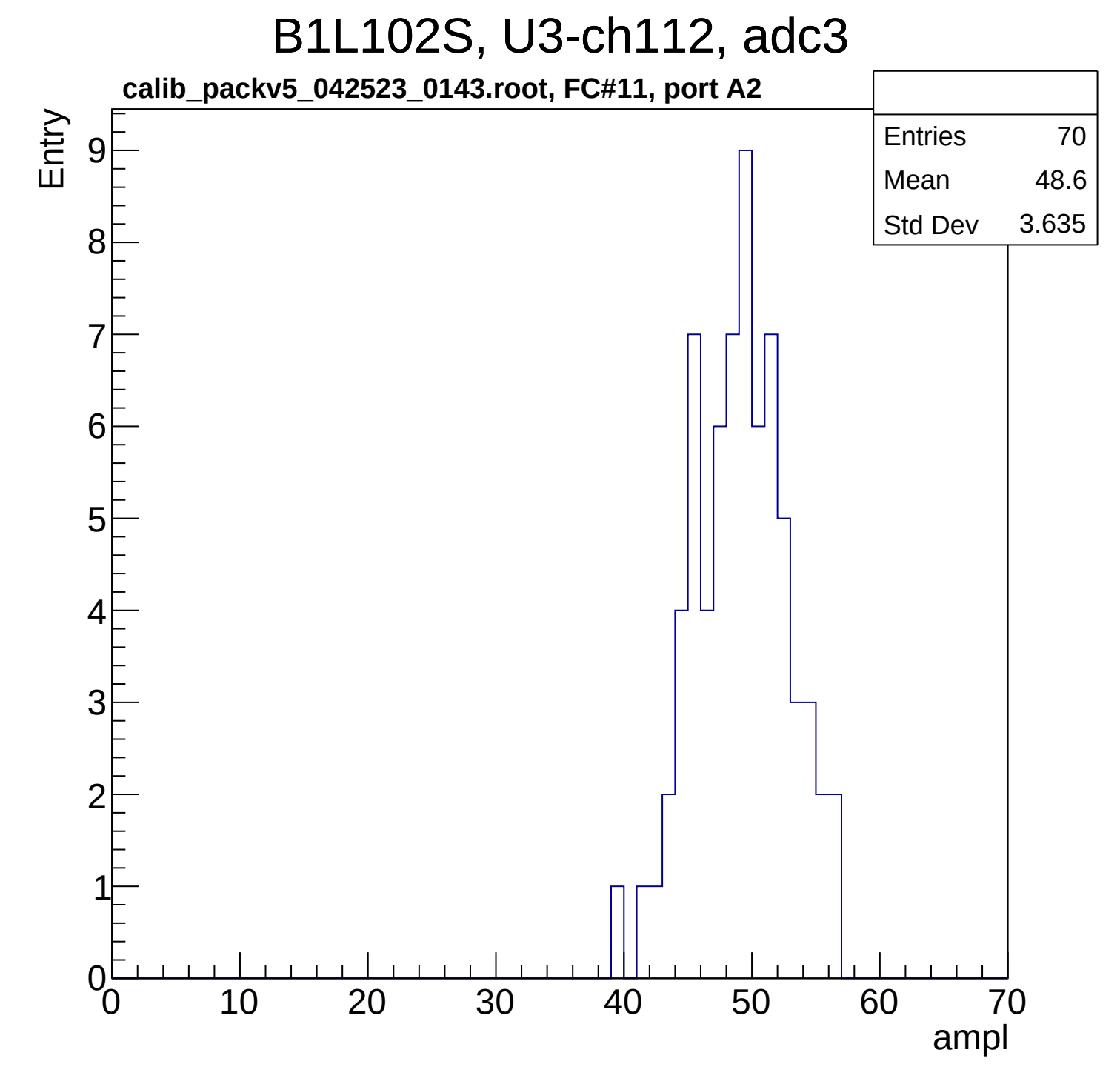
B1L102S, U3-ch112, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 48.6
Std Dev 3.635
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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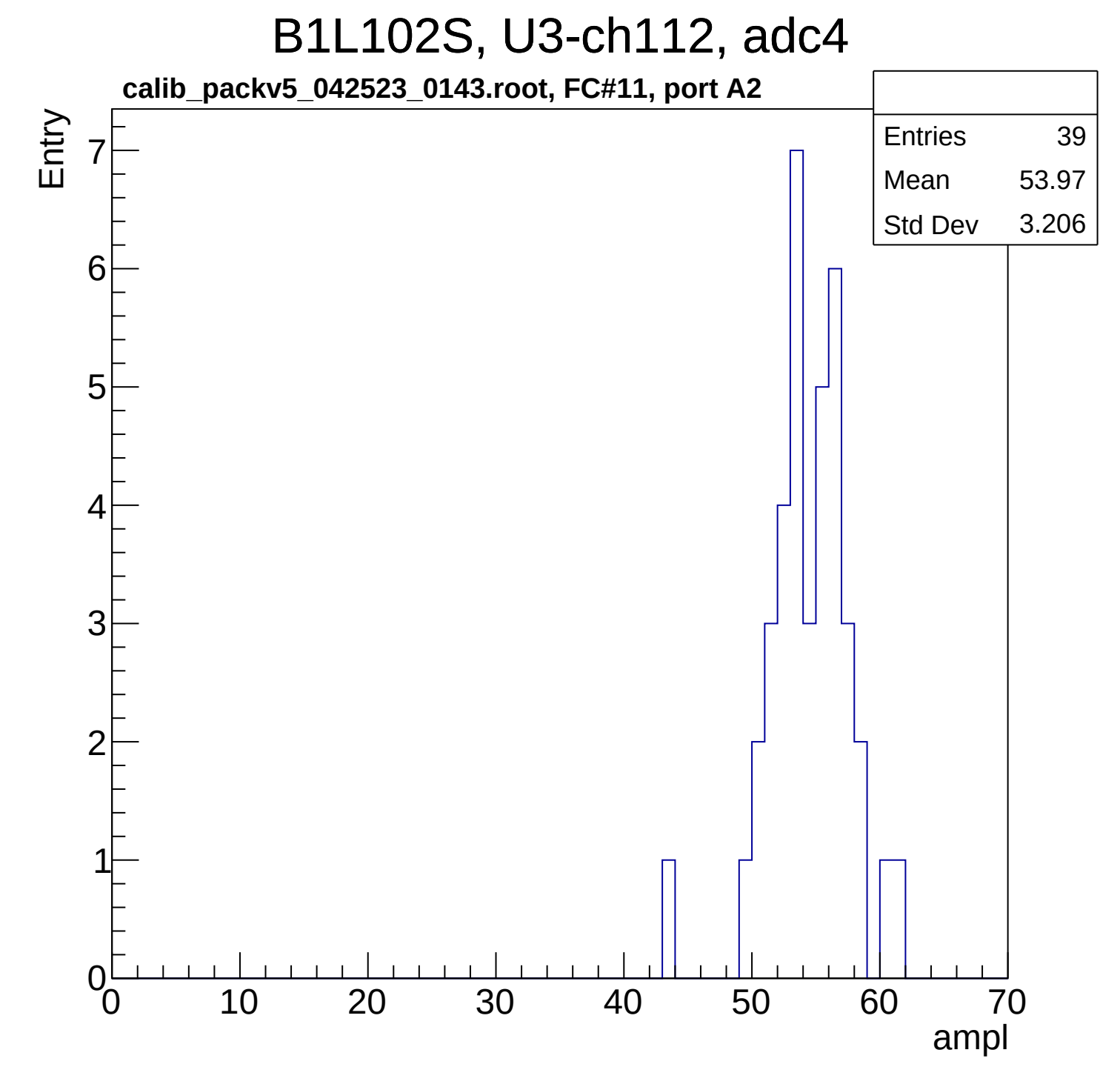
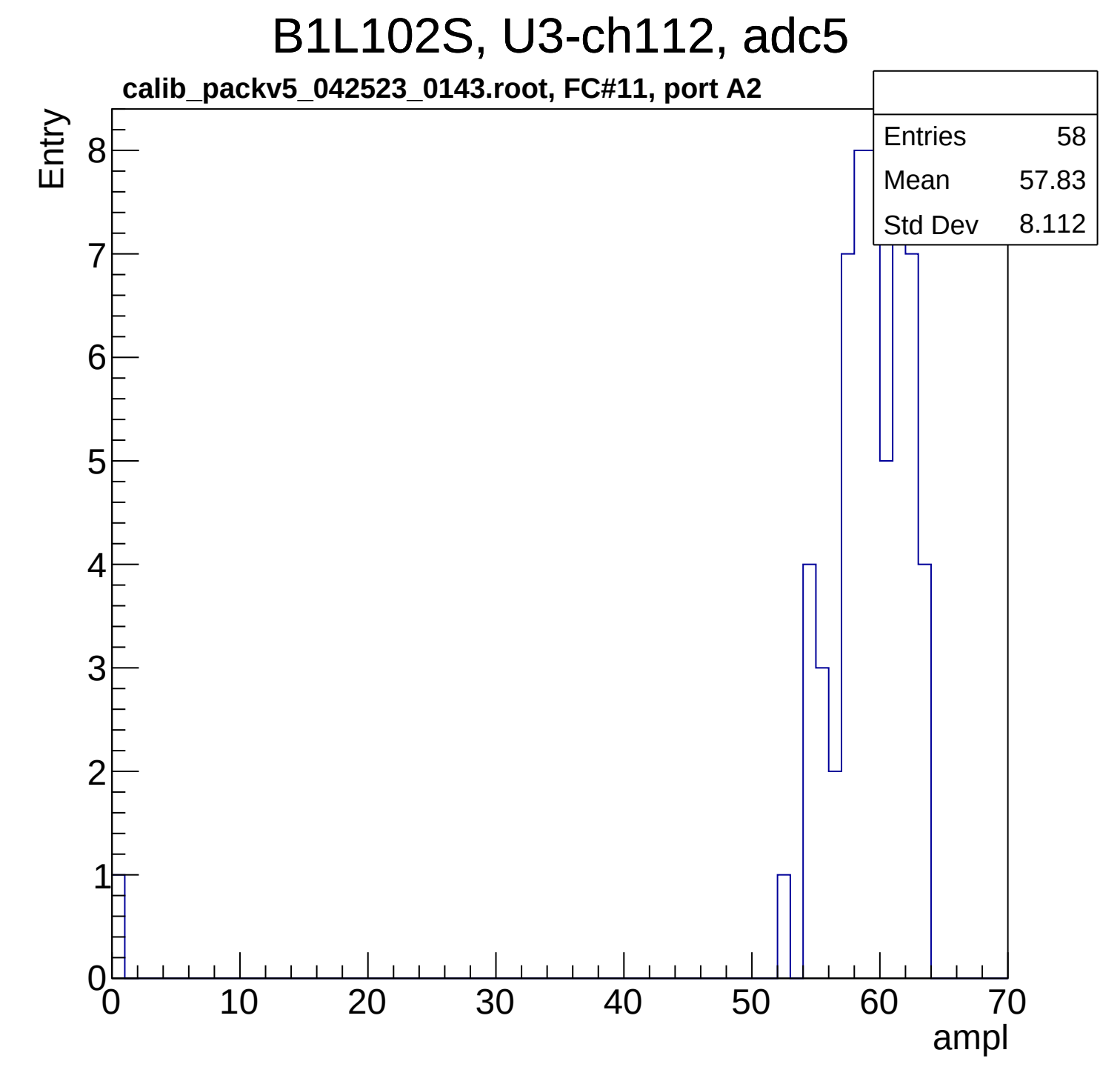

B1L102S, U3-ch112, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 53.97
Std Dev 3.206
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch112, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 57.83
Std Dev 8.112
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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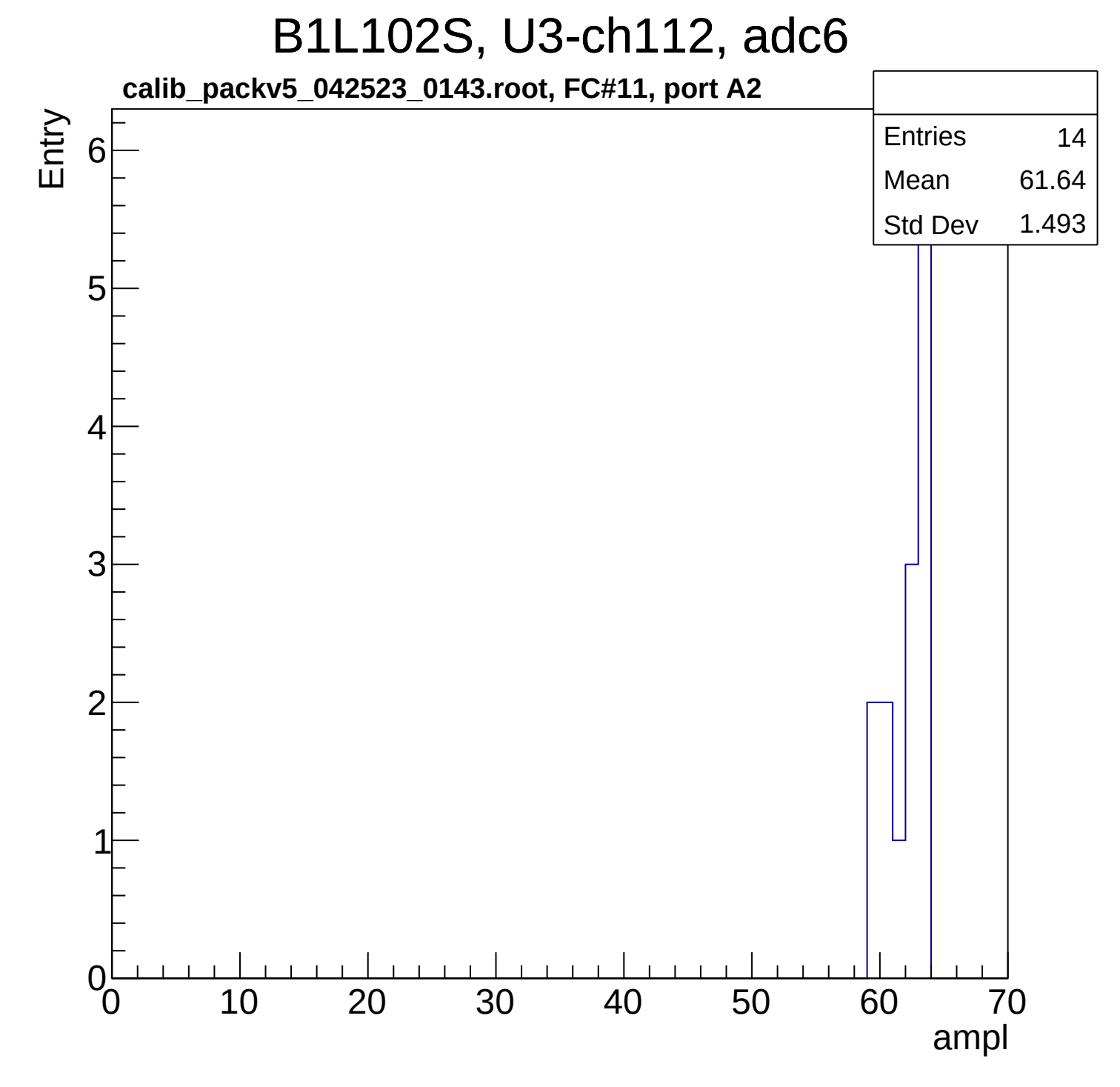
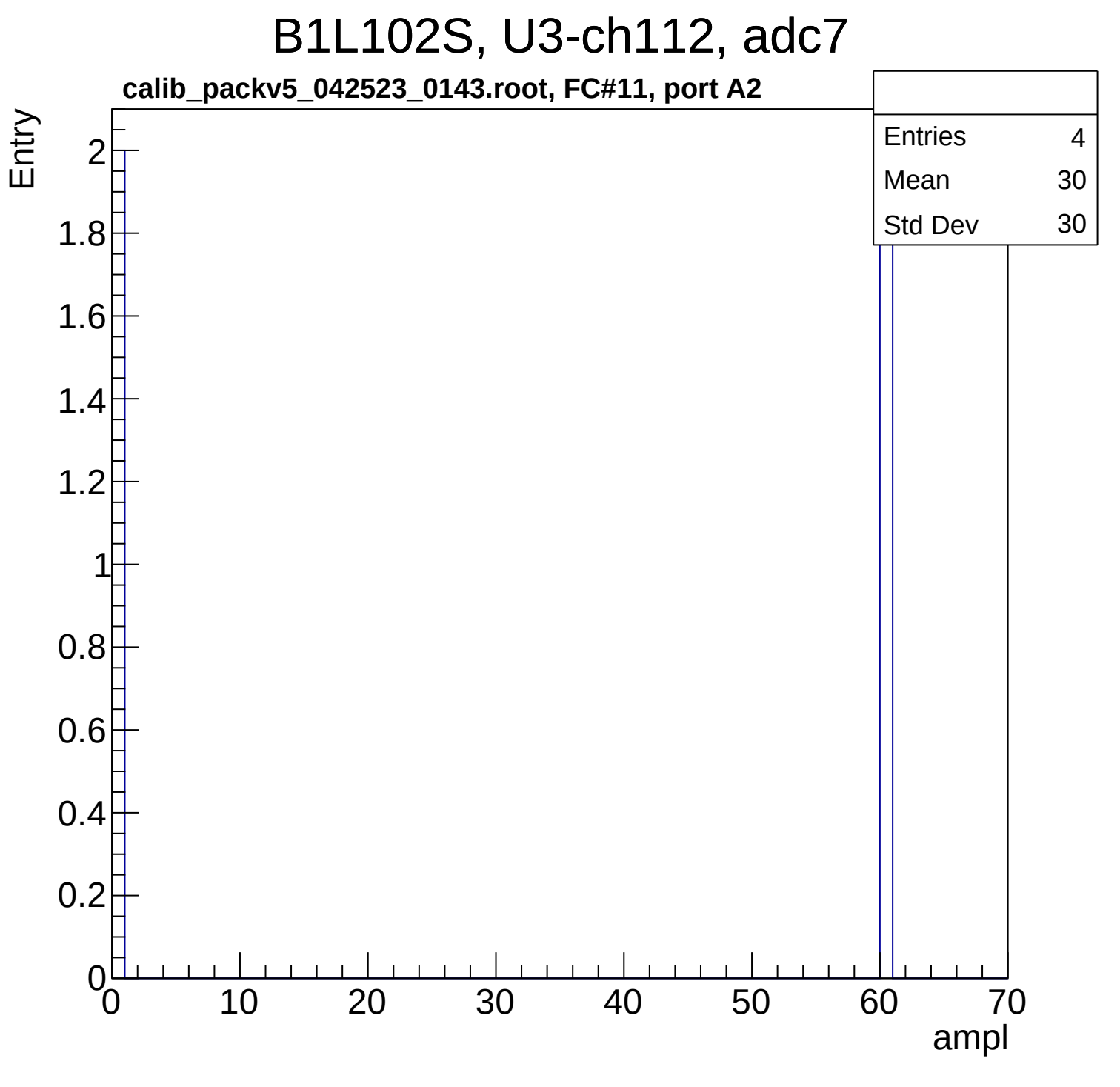
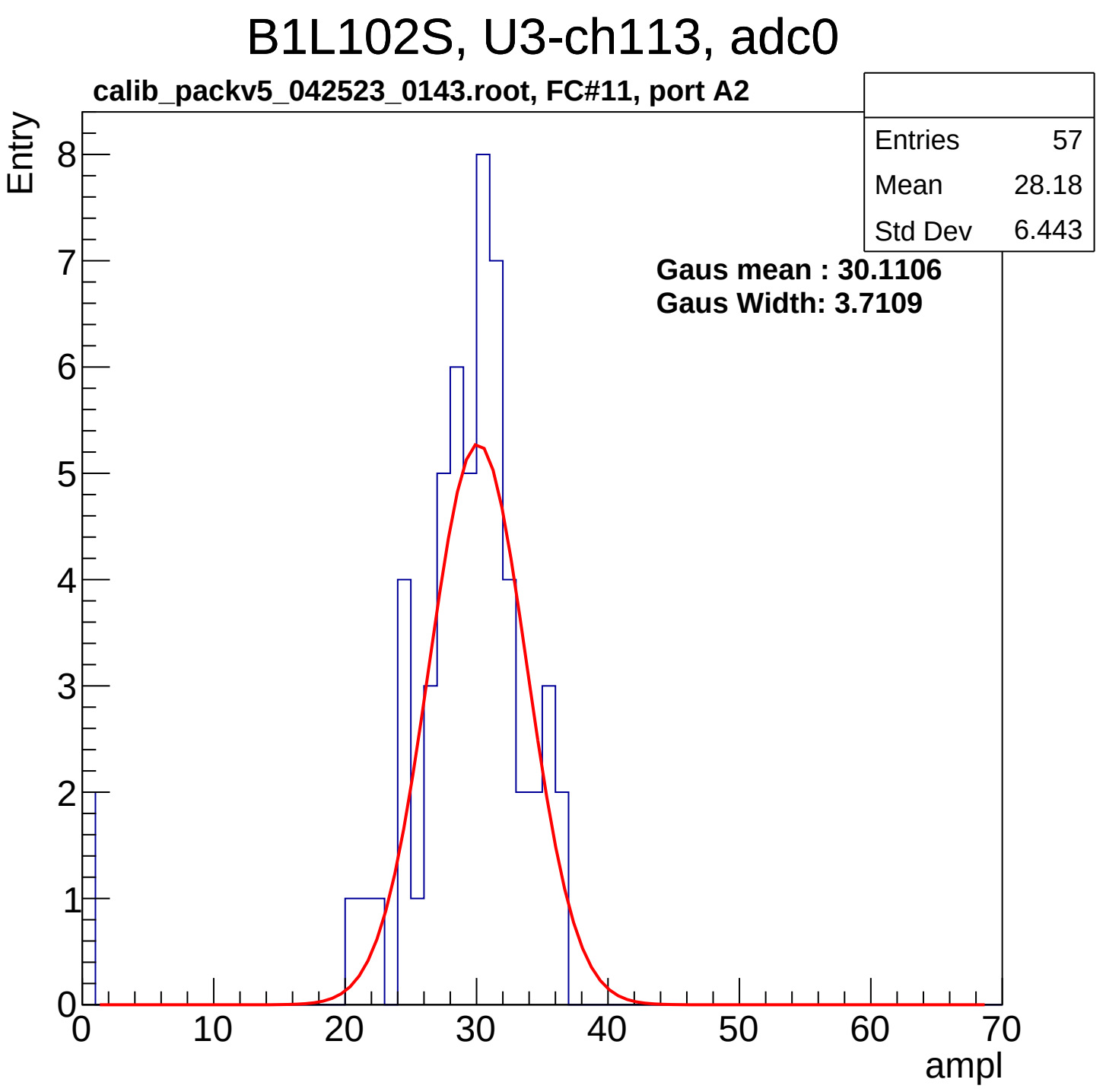

B1L102S, U3-ch112, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 61.64
Std Dev 1.493
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch112, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 30
Std Dev 30
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, U3-ch113, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 28.18
Std Dev 6.443
Gaus mean : 30.1106
Gaus Width: 3.7109
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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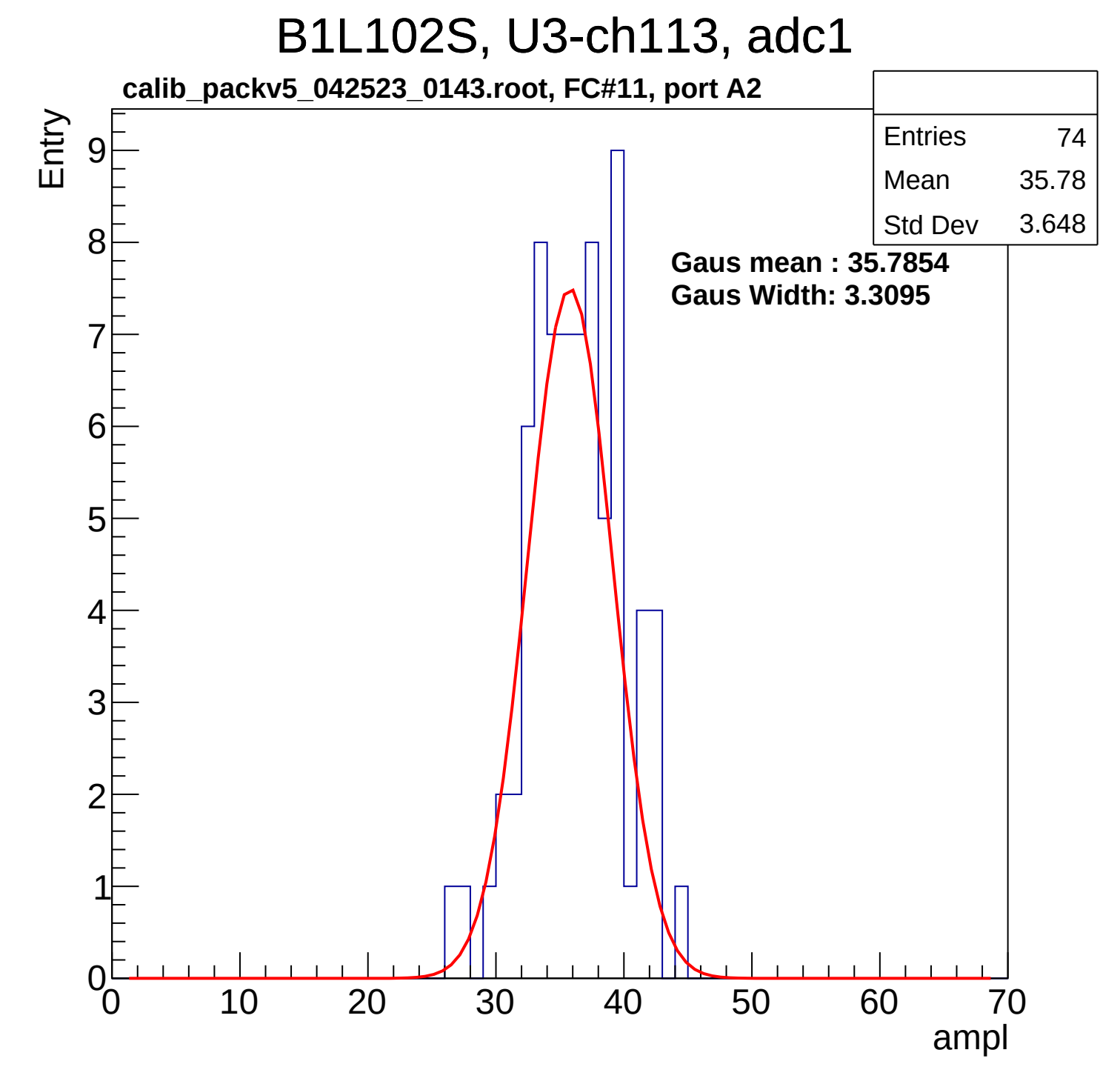
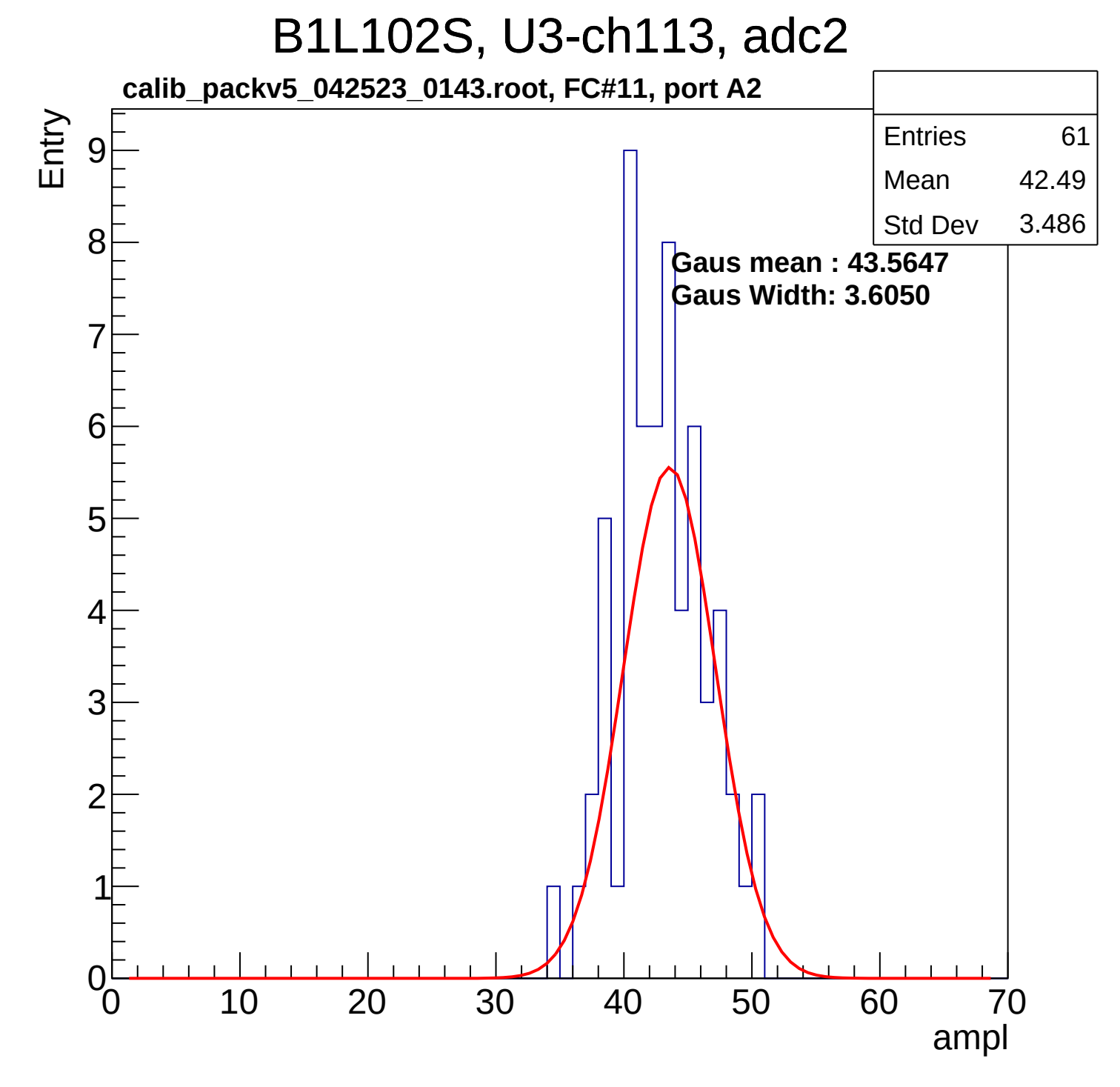

B1L102S, U3-ch113, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 35.78
Std Dev 3.648
Gaus mean : 35.7854
Gaus Width: 3.3095
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch113, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 42.49
Std Dev 3.486
Gaus mean : 43.5647
Gaus Width: 3.6050
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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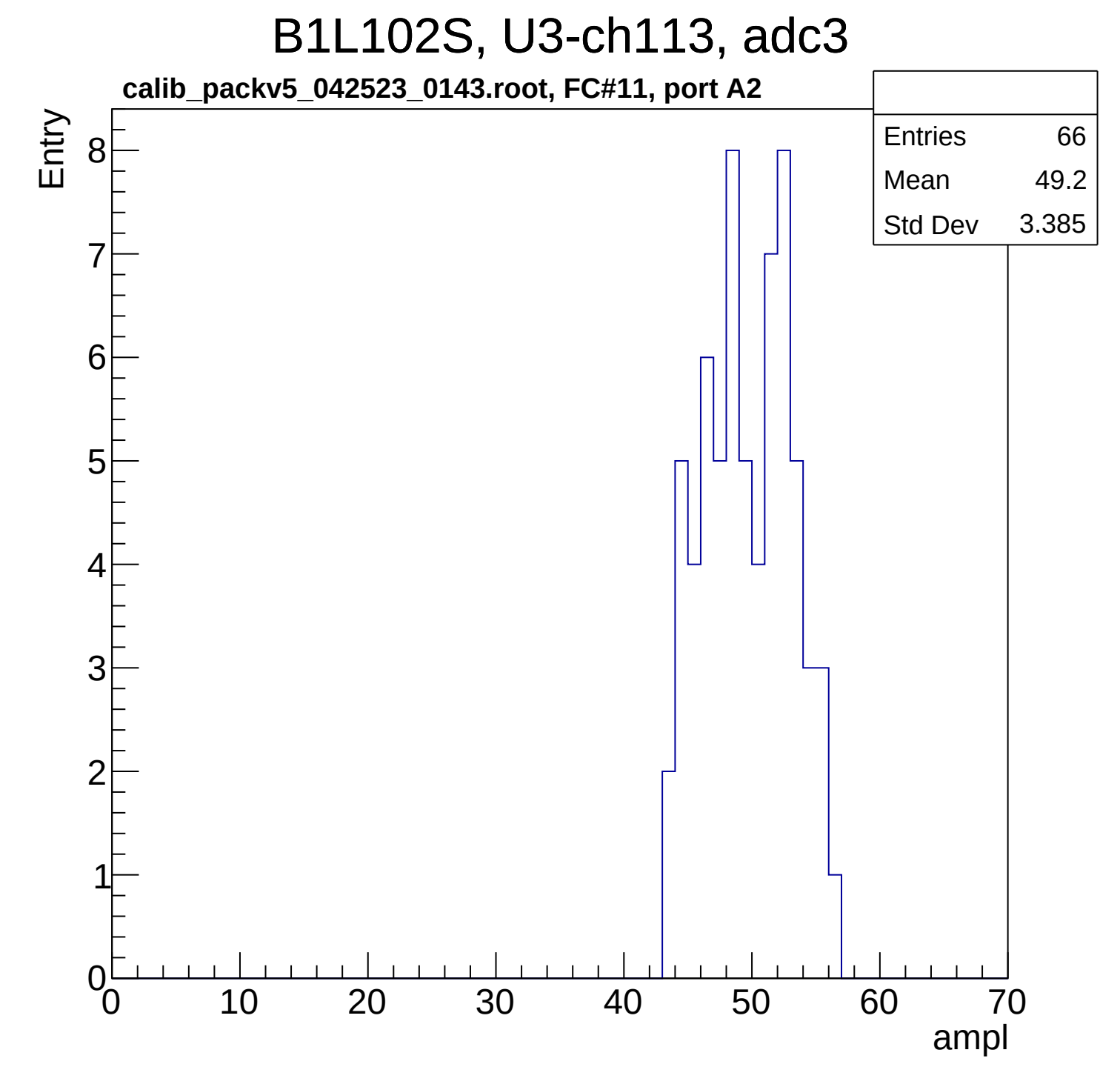
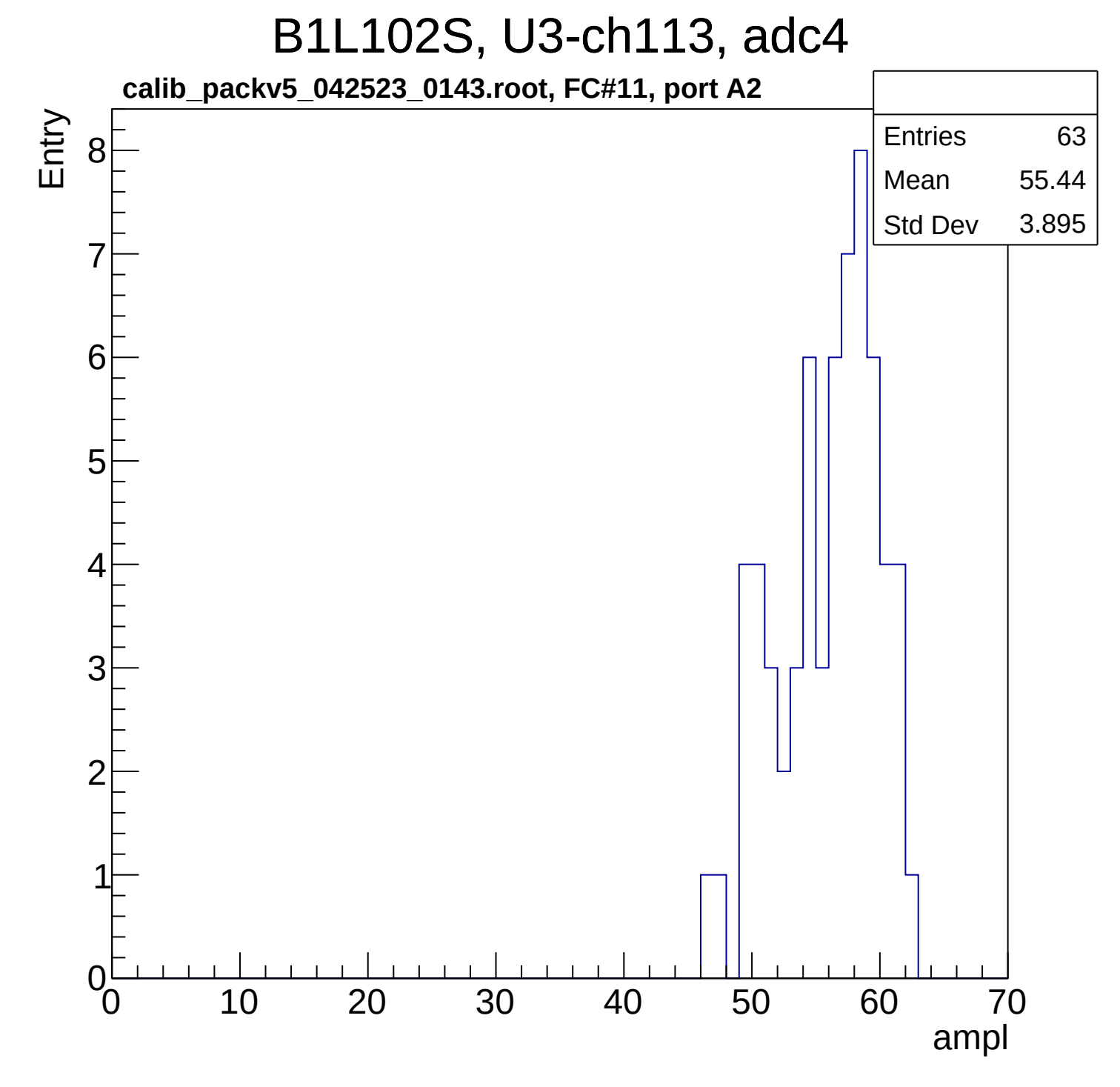

B1L102S, U3-ch113, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 49.2
Std Dev 3.385
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch113, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 55.44
Std Dev 3.895
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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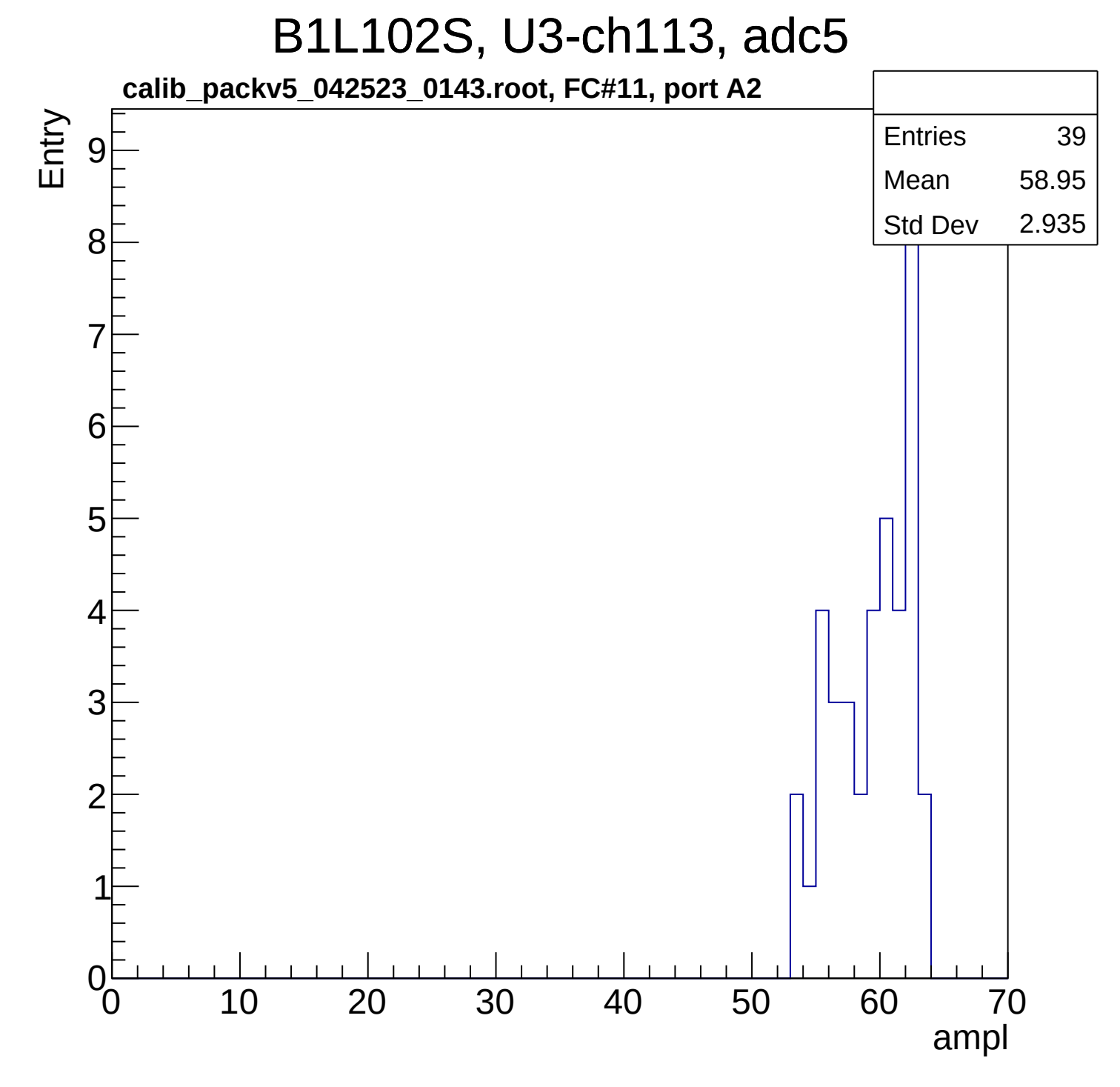
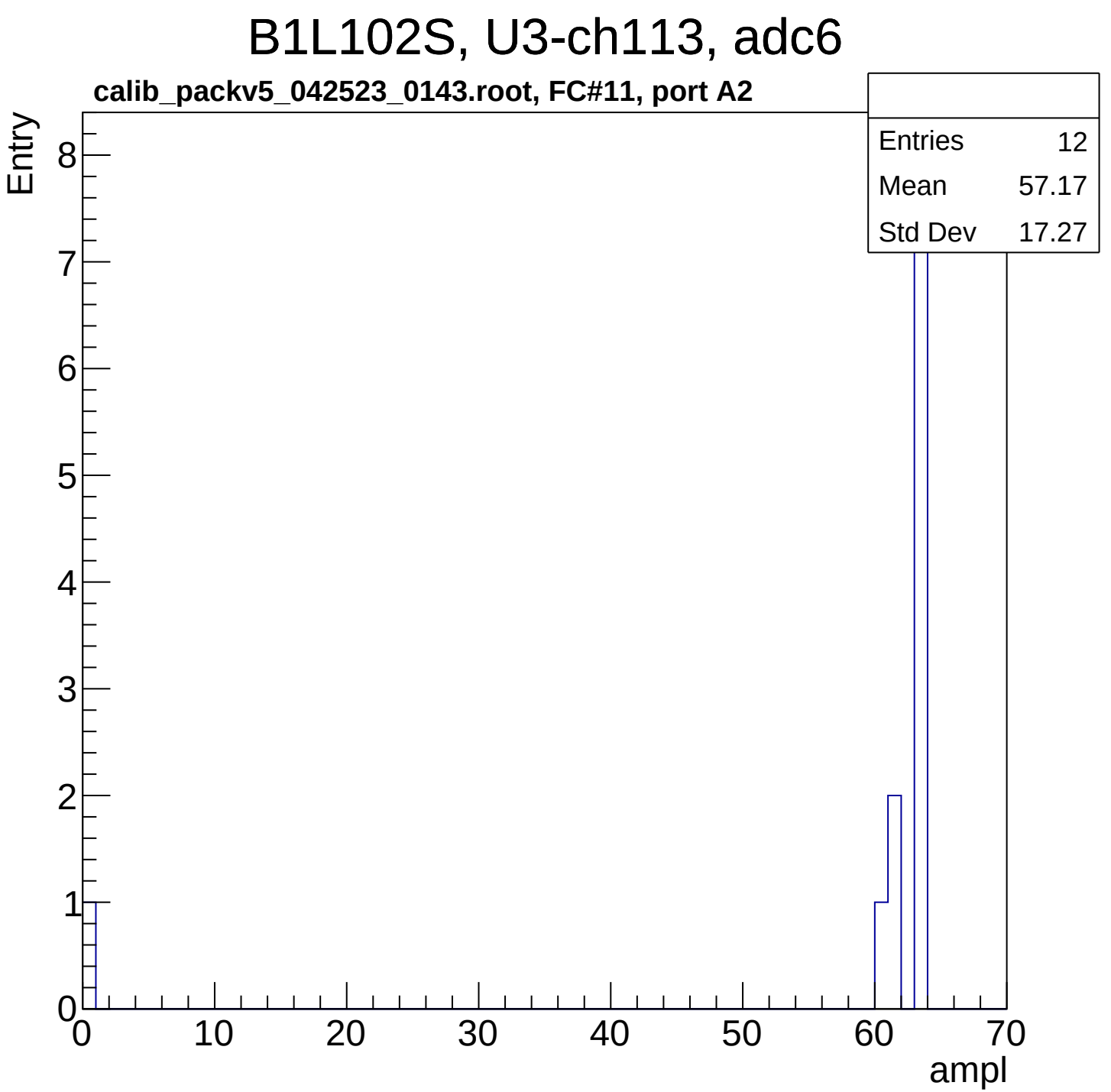
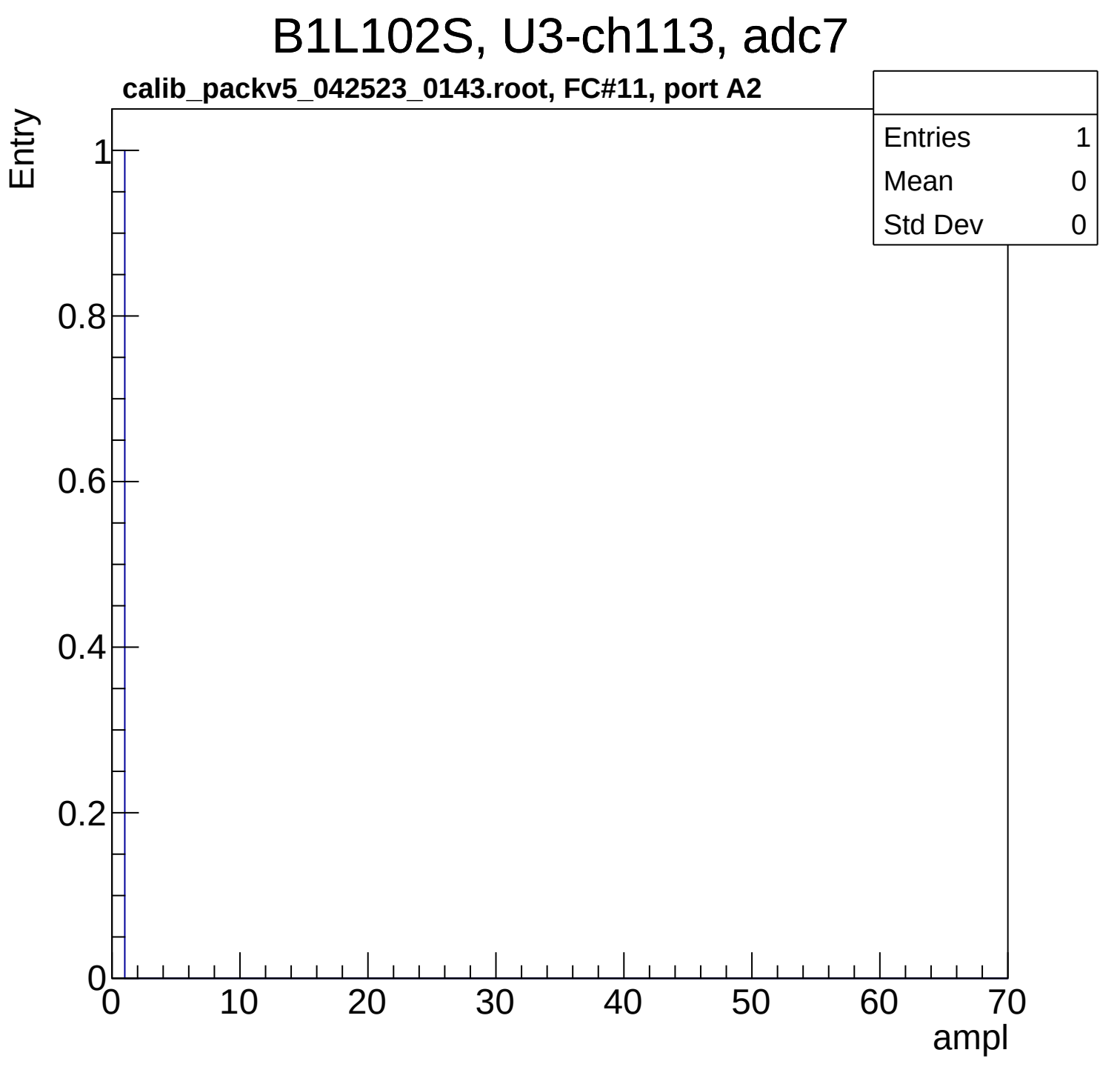
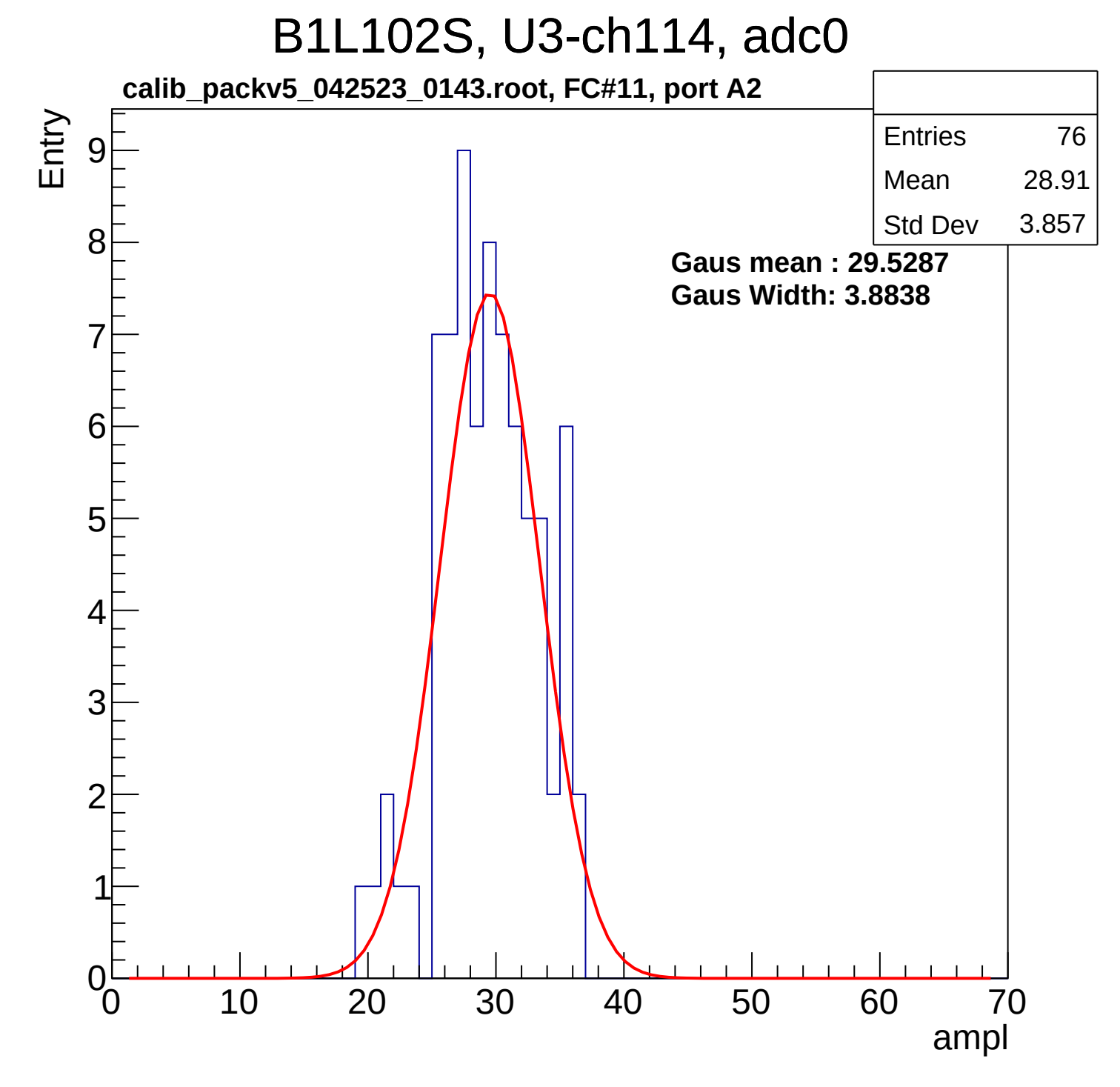
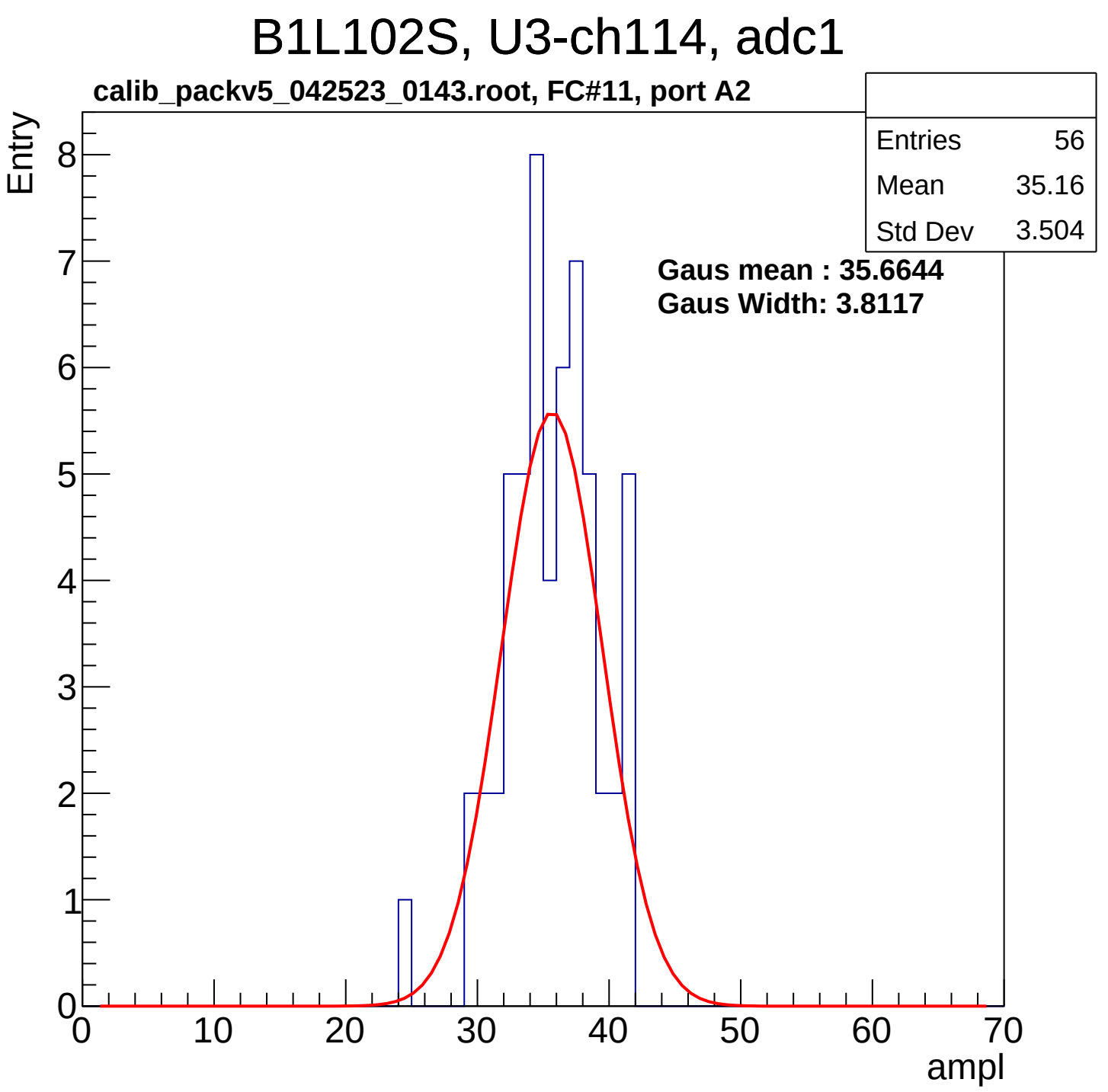
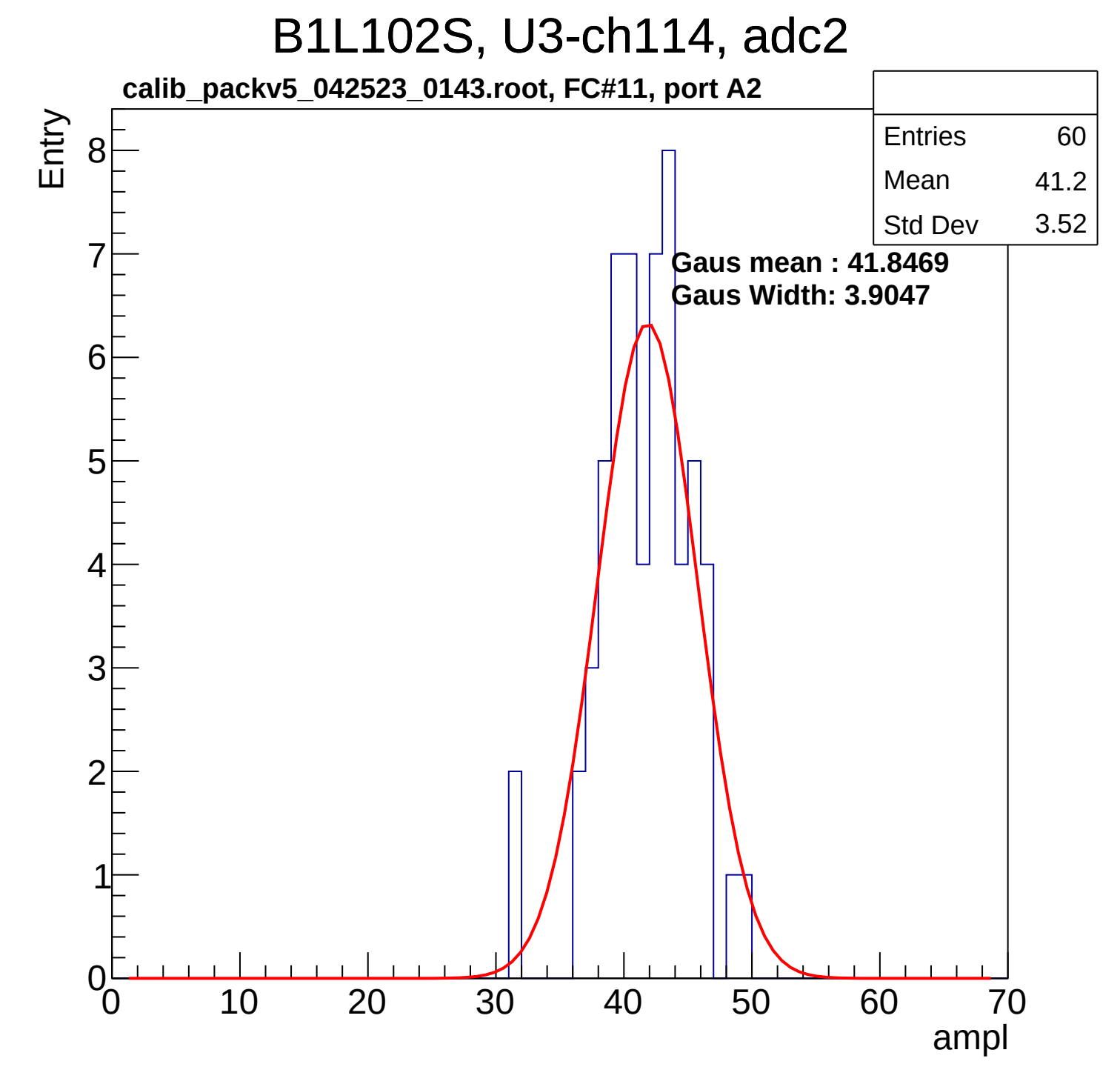

B1L102S, U3-ch113, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 58.95
Std Dev 2.935
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

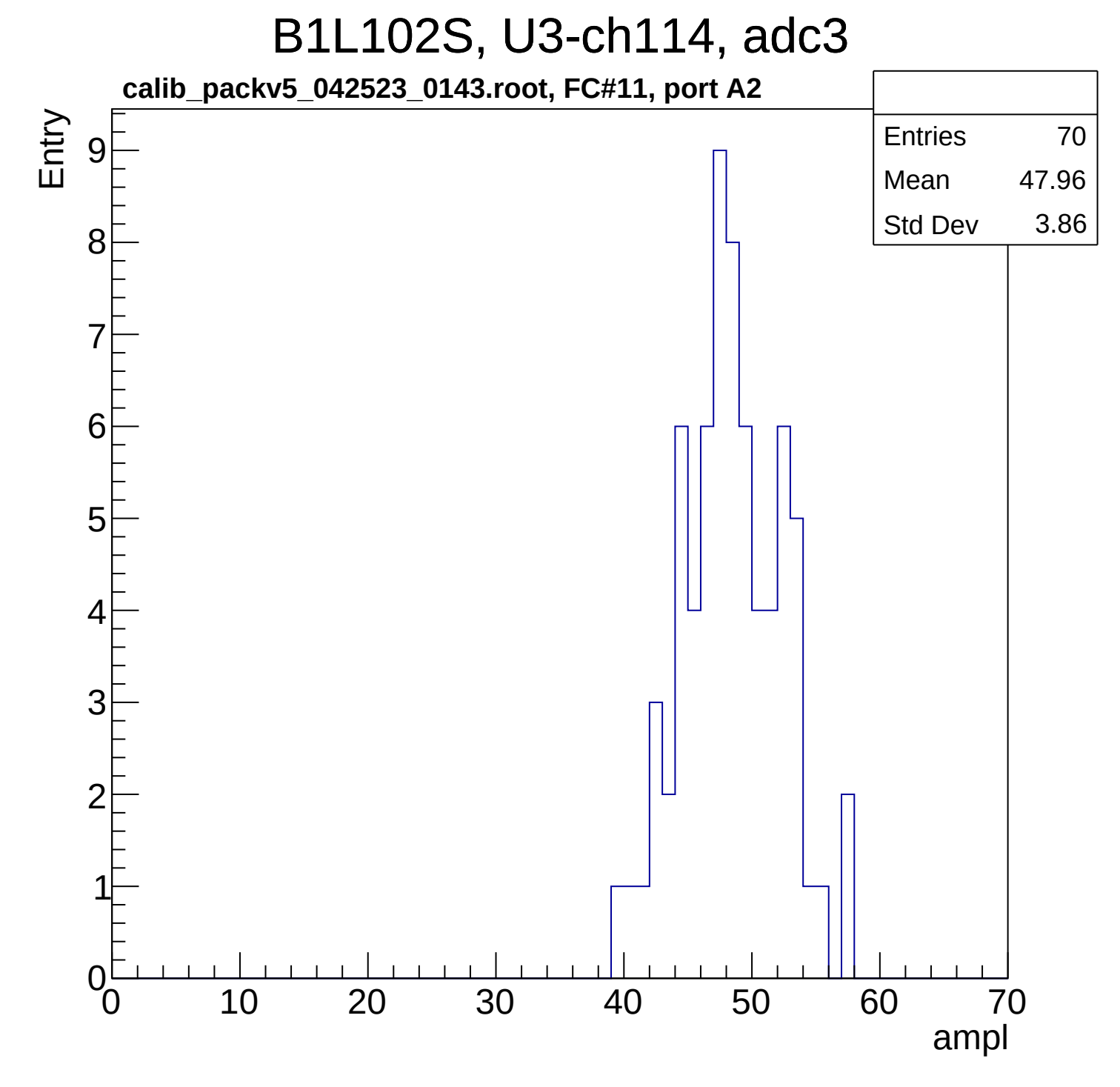

B1L102S, U3-ch113, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 57.17
Std Dev 17.27
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch113, 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, U3-ch114, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 28.91
Std Dev 3.857
Gaus mean : 29.5287
Gaus Width: 3.8838
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch114, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 35.16
Std Dev 3.504
Gaus mean : 35.6644
Gaus Width: 3.8117
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch114, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 41.2
Std Dev 3.52
Gaus mean : 41.8469
Gaus Width: 3.9047
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch114, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 47.96
Std Dev 3.86
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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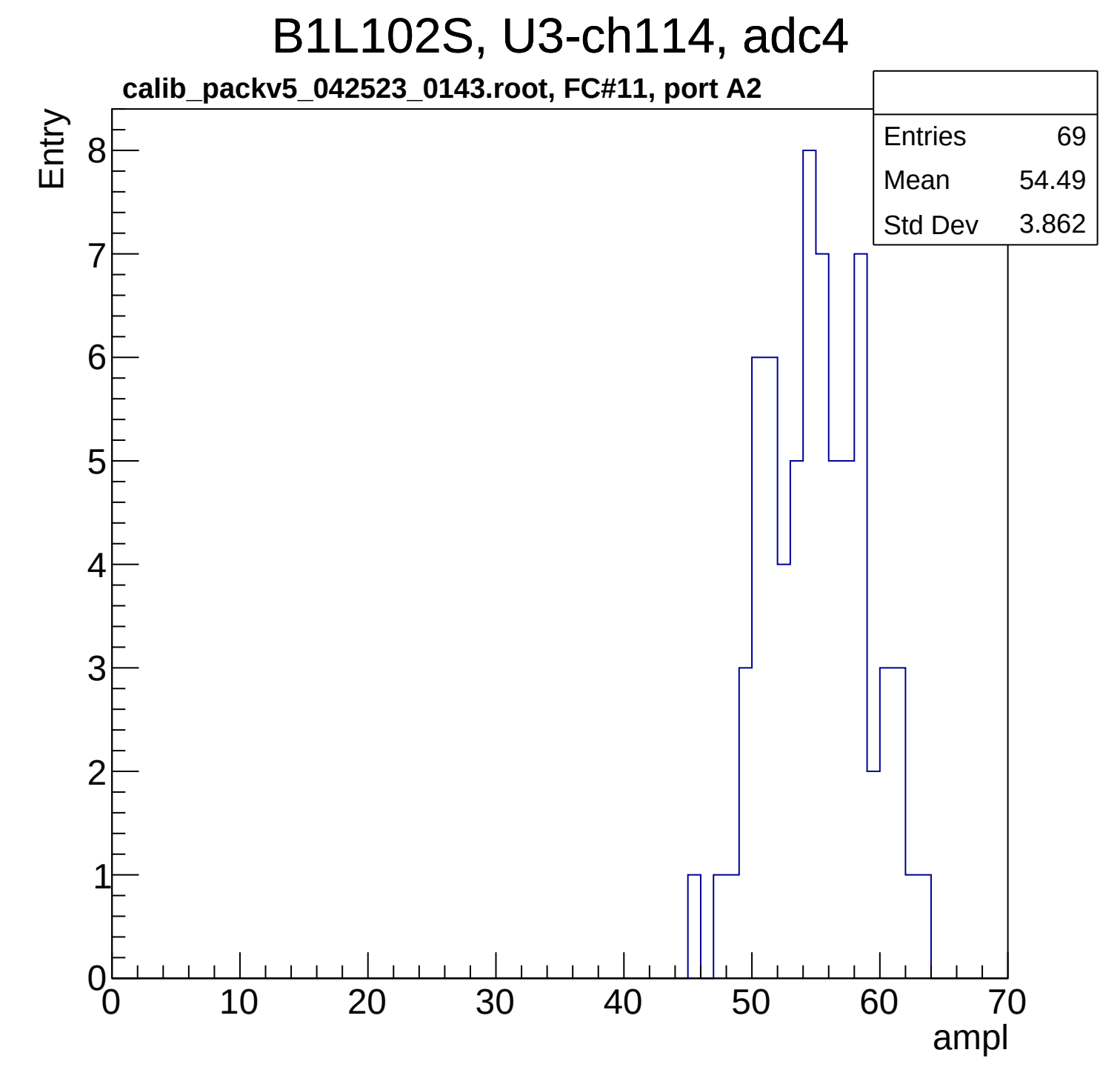
B1L102S, U3-ch114, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 54.49
Std Dev 3.862
Entry
ampl
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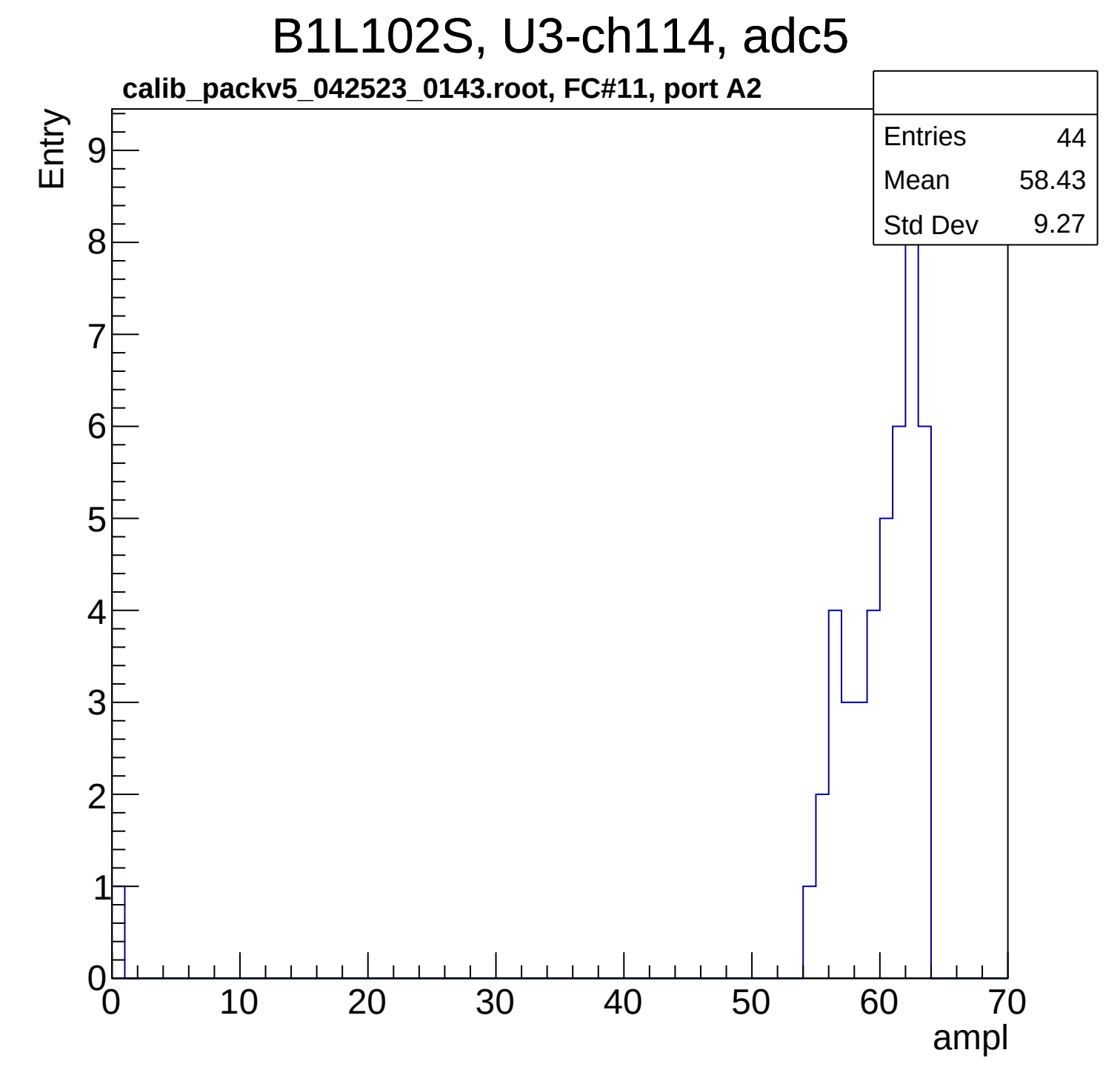
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch114, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 58.43
Std Dev 9.27
Entry
ampl
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2
3
4
5
6
7
8
9
0
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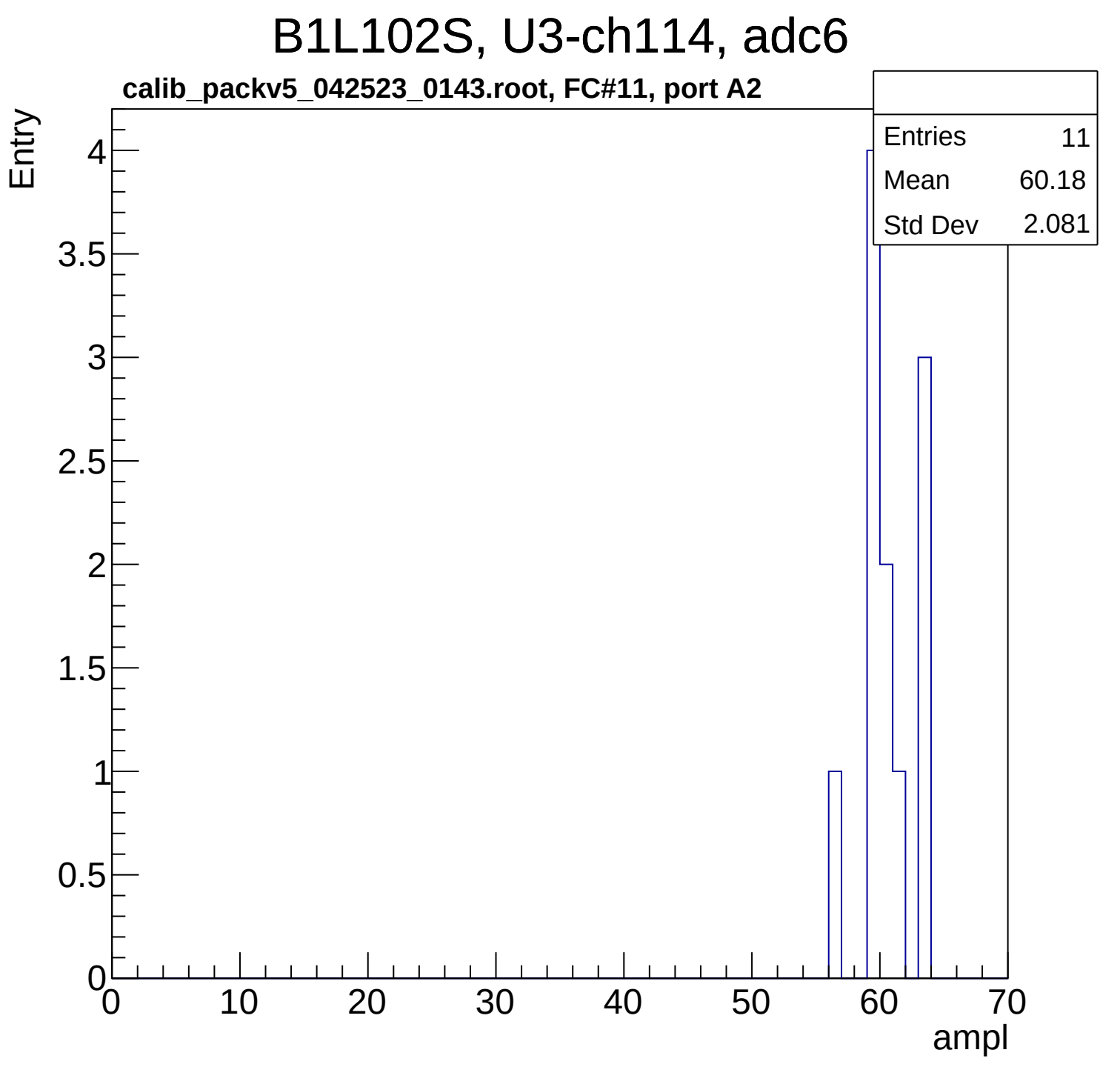
20
30
40
50
60
70


B1L102S, U3-ch114, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 60.18
Std Dev 2.081
Entry
ampl
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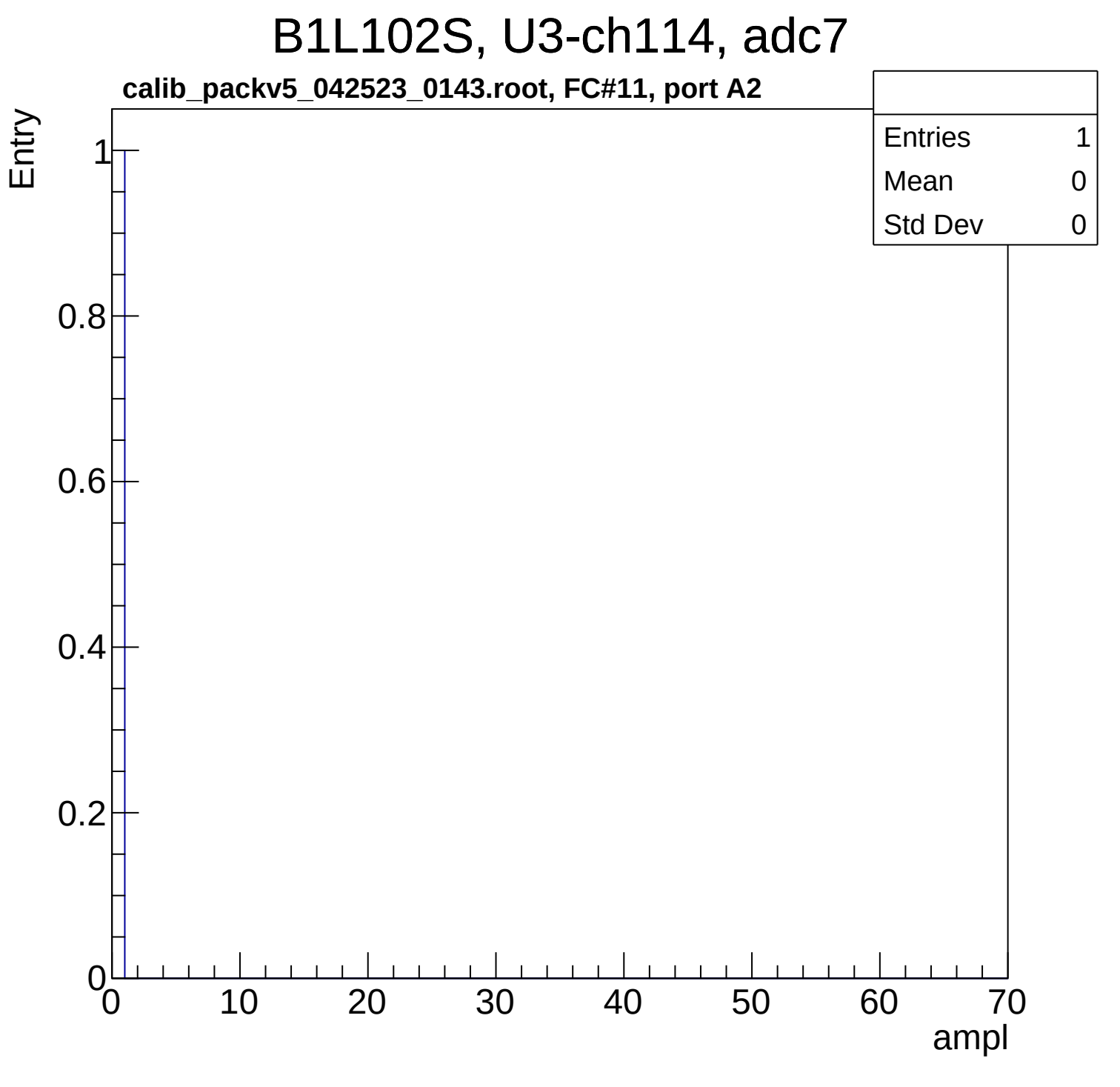
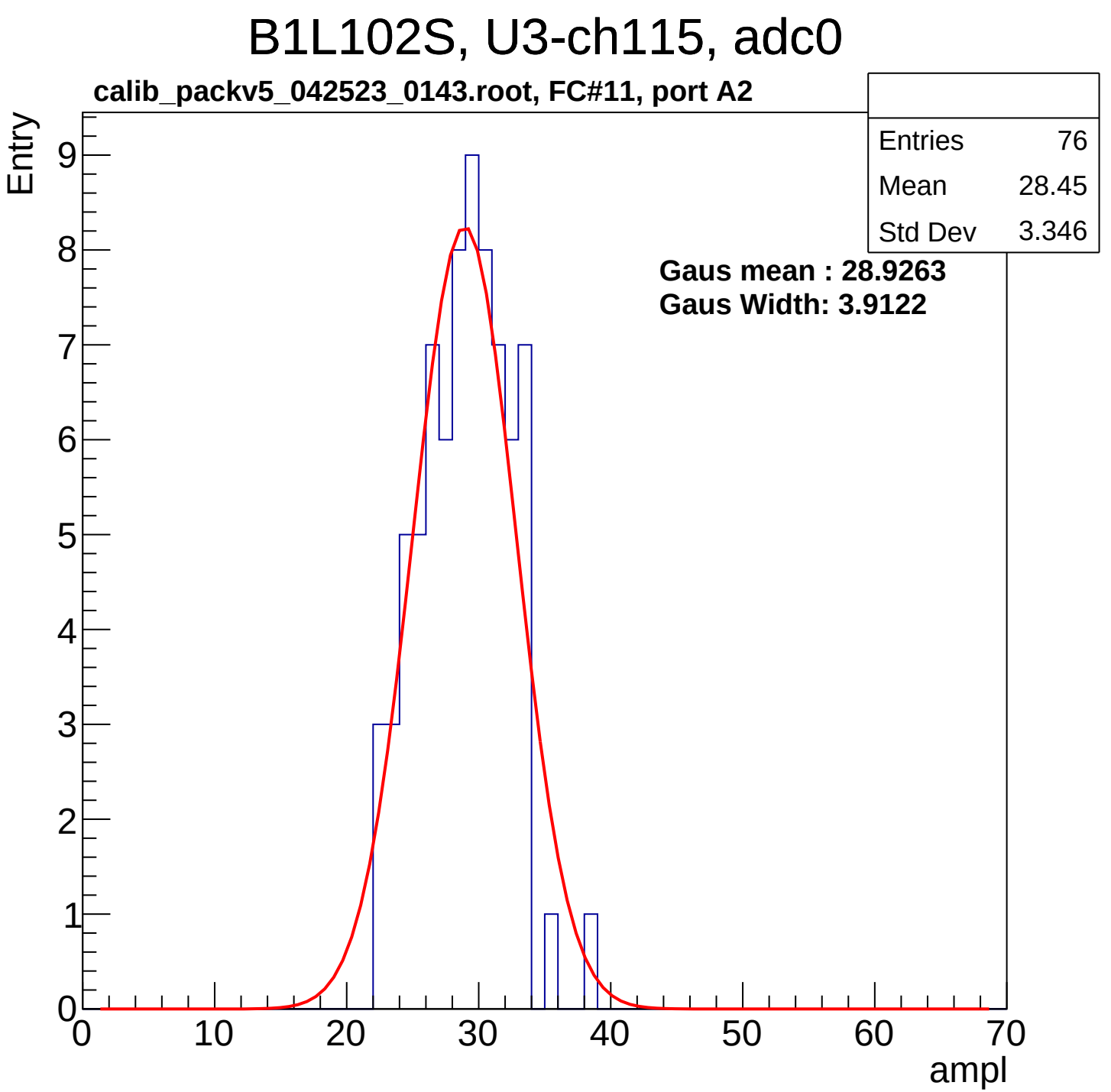
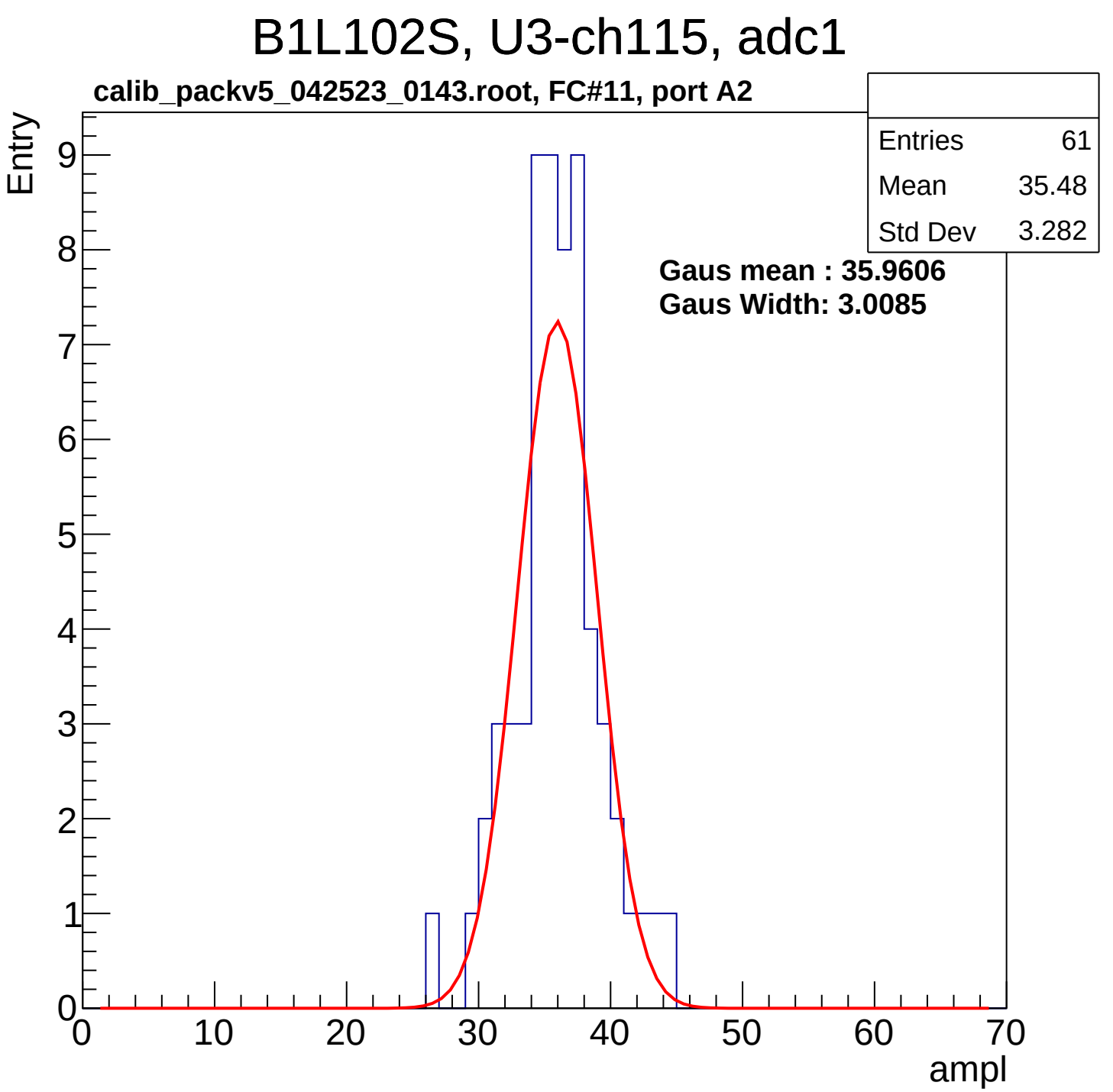
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch114, 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, U3-ch115, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 28.45
Std Dev 3.346
Gaus mean : 28.9263
Gaus Width: 3.9122
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch115, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 35.48
Std Dev 3.282
Gaus mean : 35.9606
Gaus Width: 3.0085
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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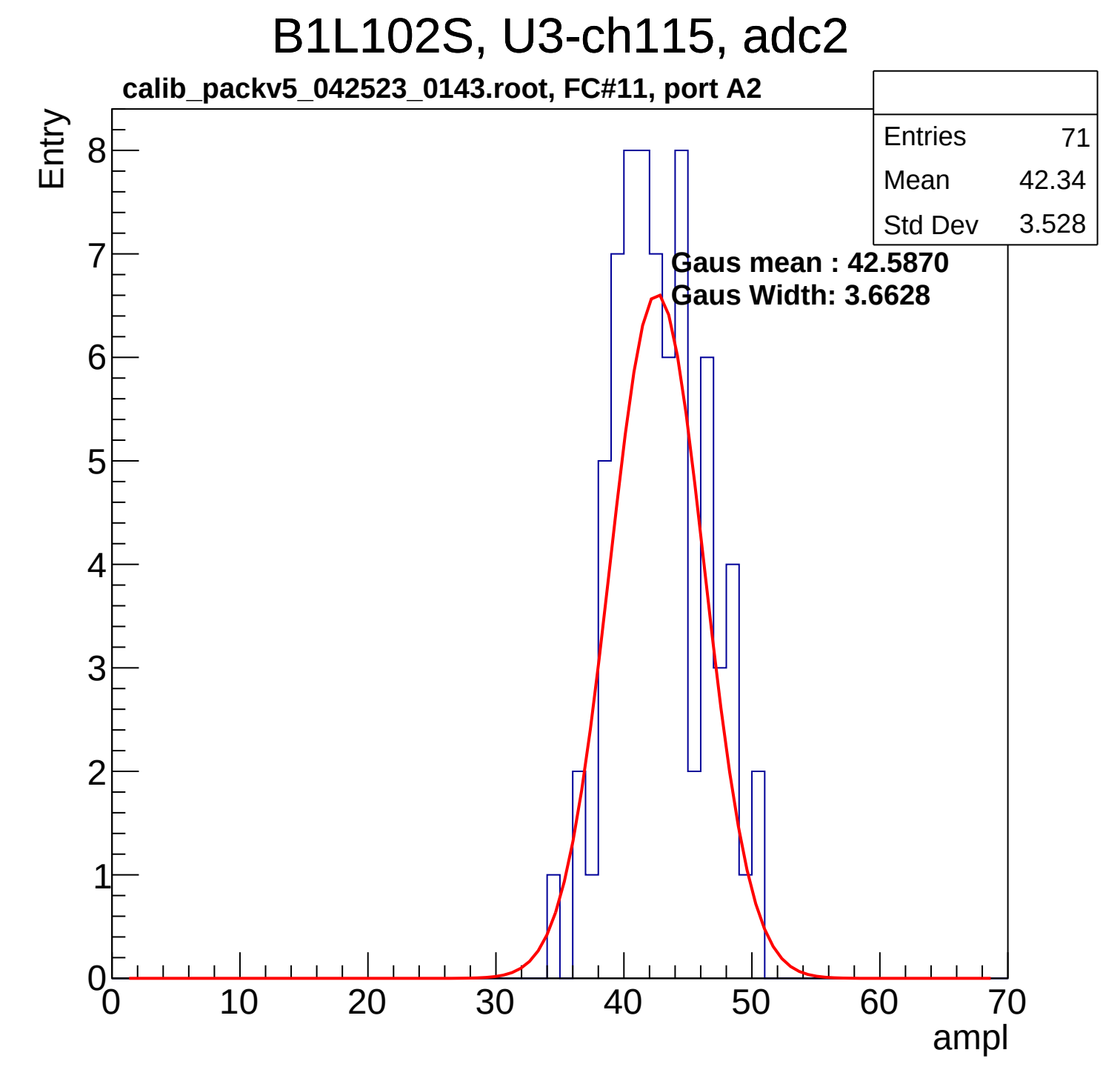
B1L102S, U3-ch115, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 42.34
Std Dev 3.528
Gaus mean : 42.5870
Gaus Width: 3.6628
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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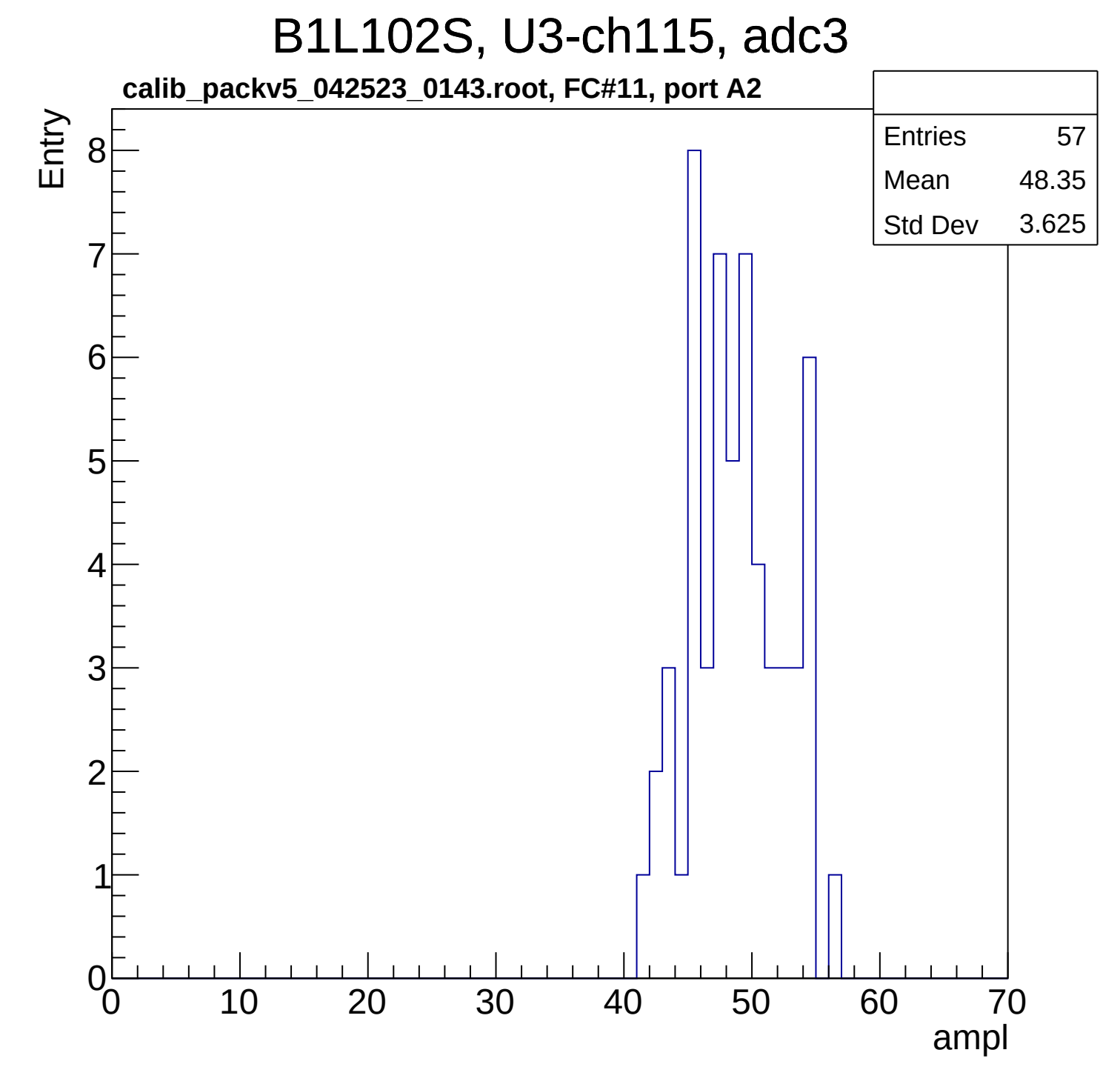
B1L102S, U3-ch115, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 48.35
Std Dev 3.625
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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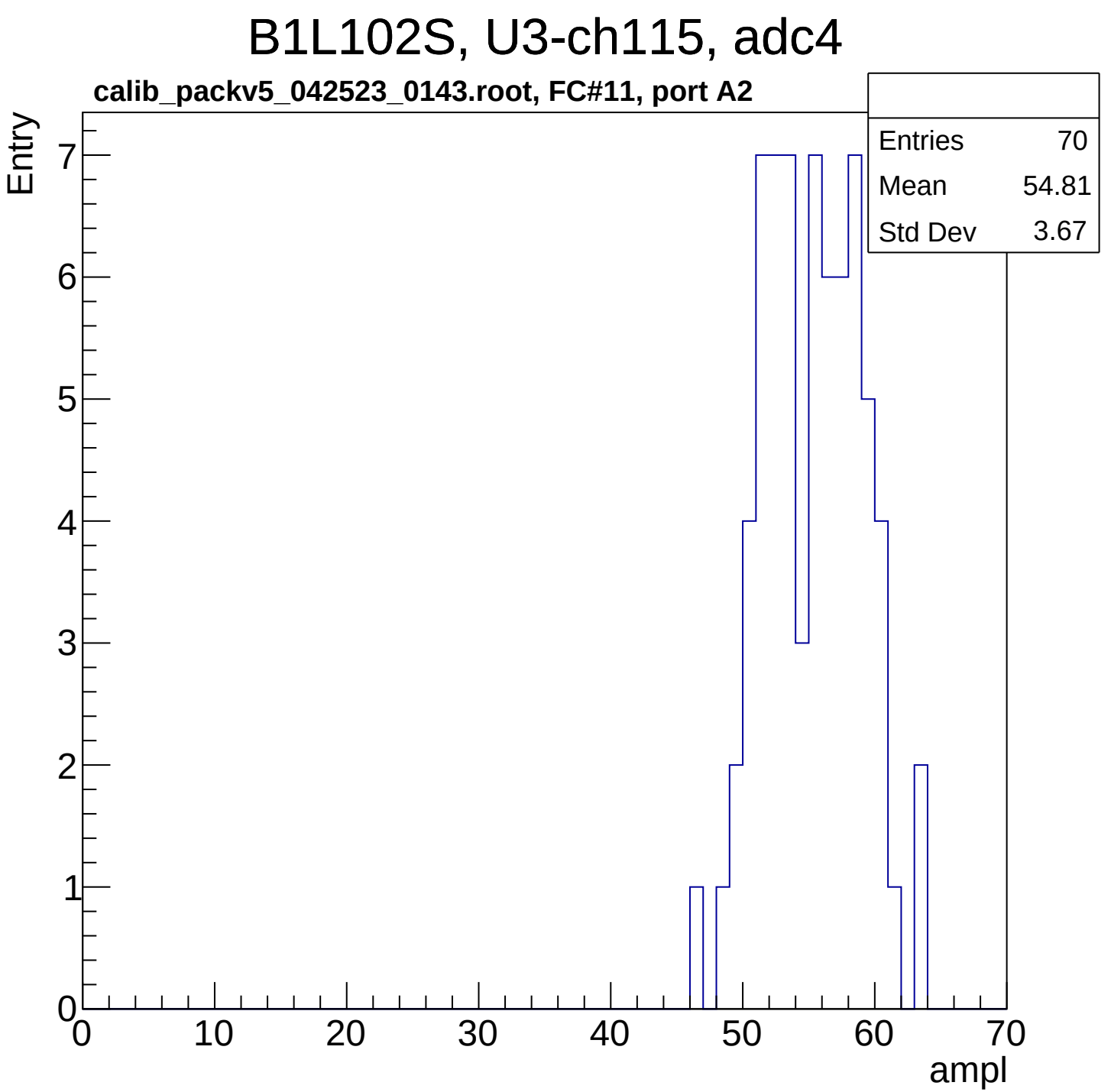
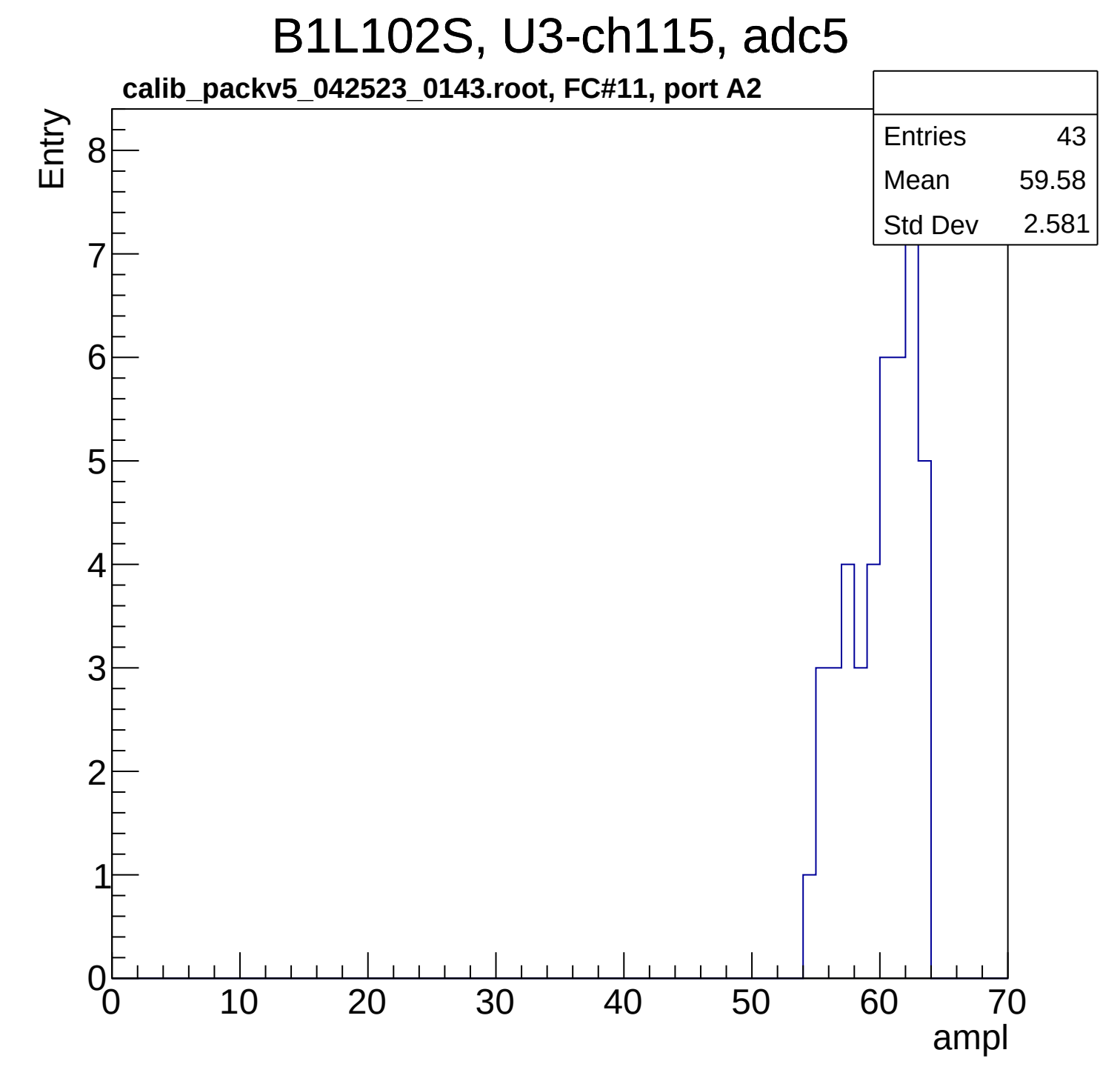
60
70


B1L102S, U3-ch115, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 54.81
Std Dev 3.67
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch115, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 59.58
Std Dev 2.581
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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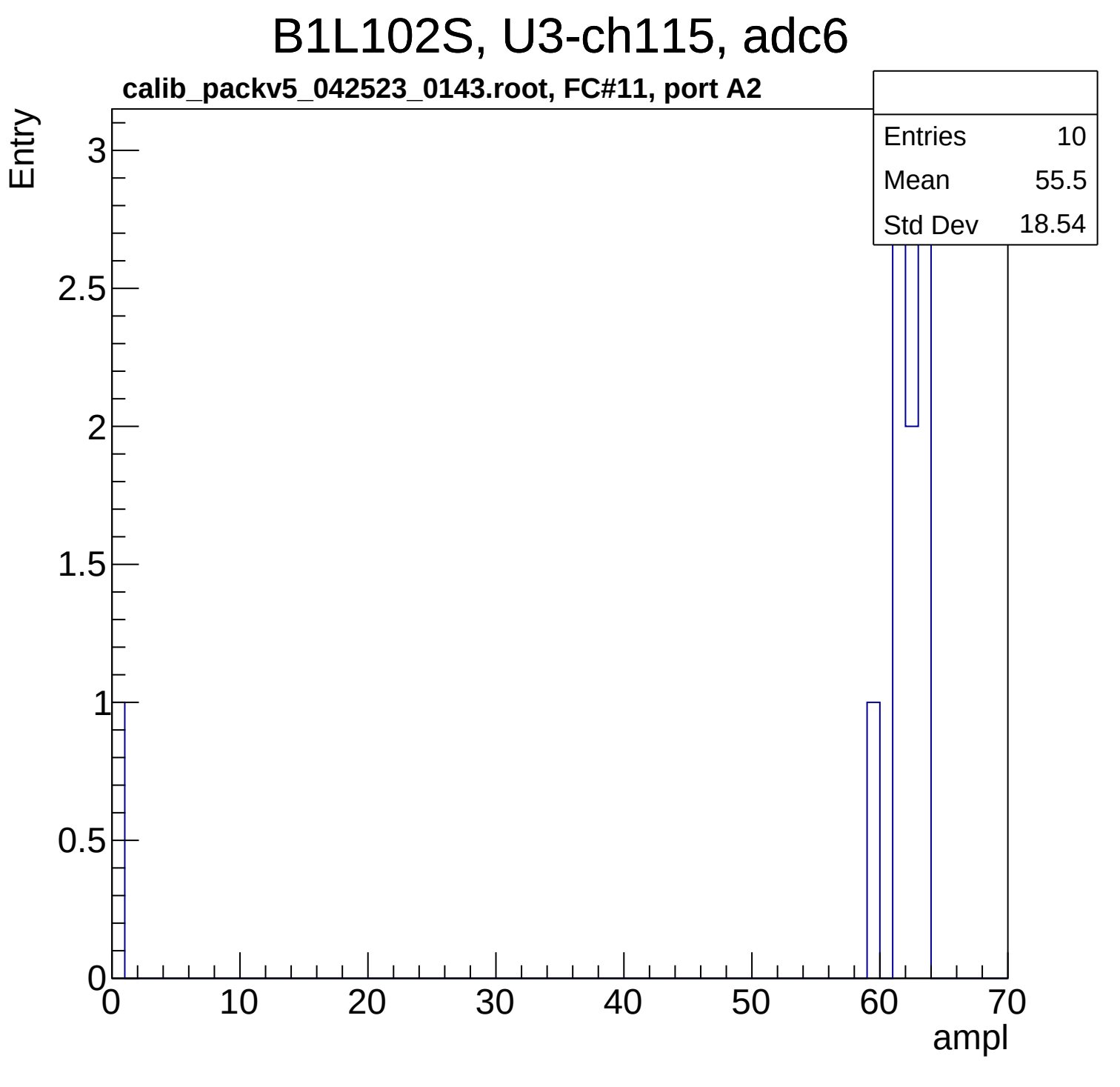
B1L102S, U3-ch115, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 55.5
Std Dev 18.54
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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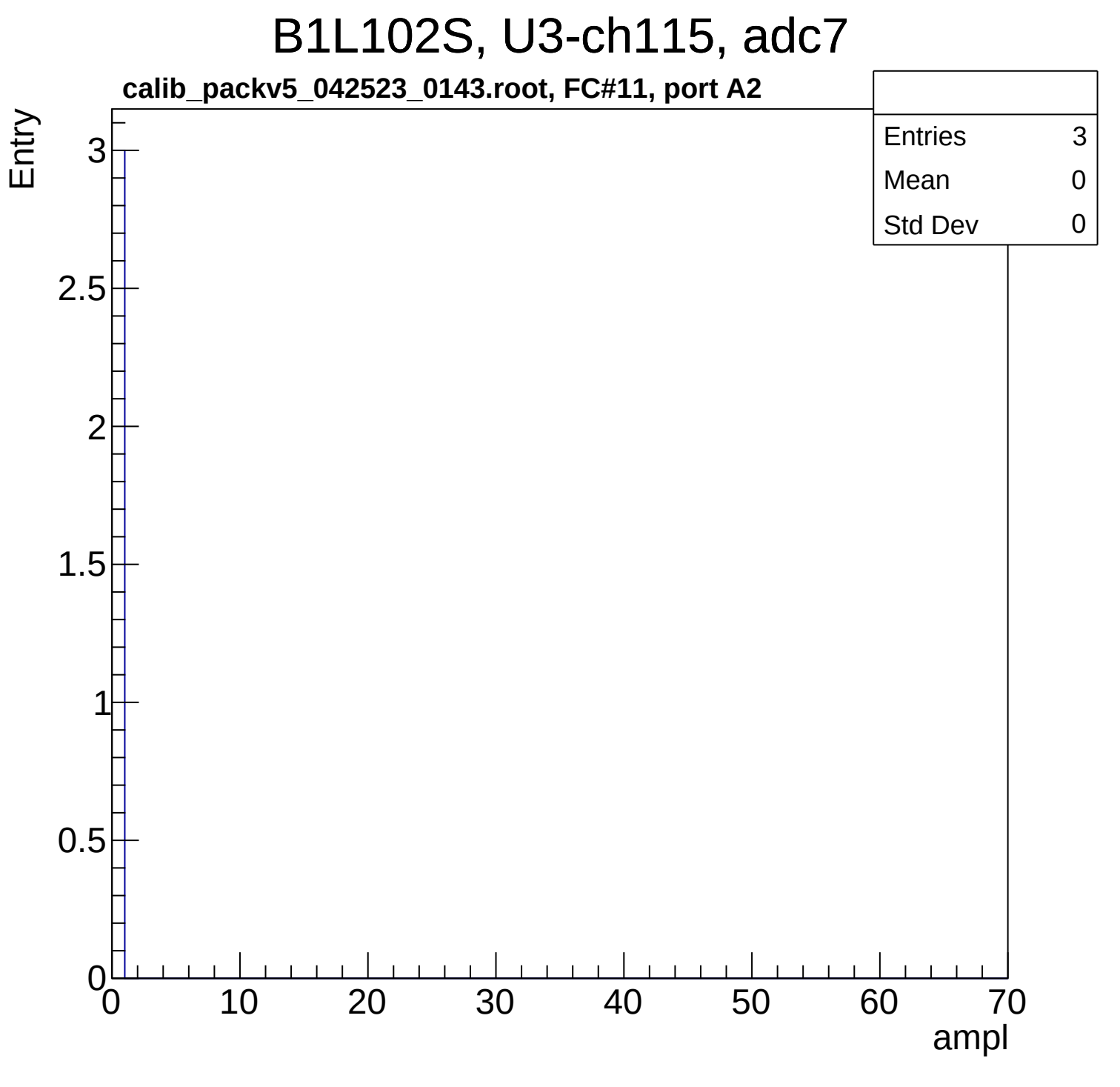
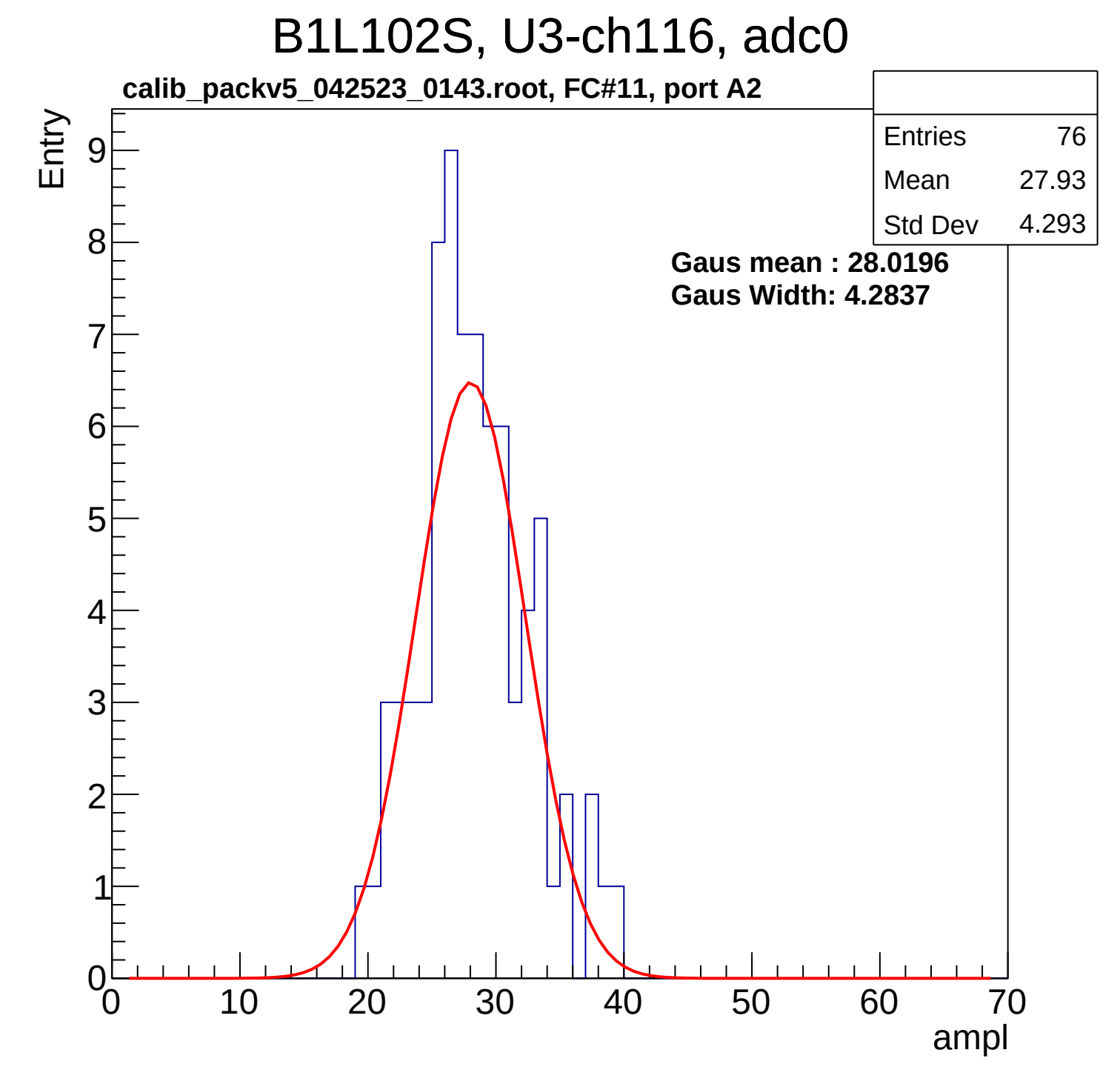
40
50
60
70


B1L102S, U3-ch115, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch116, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 27.93
Std Dev 4.293
Gaus mean : 28.0196
Gaus Width: 4.2837
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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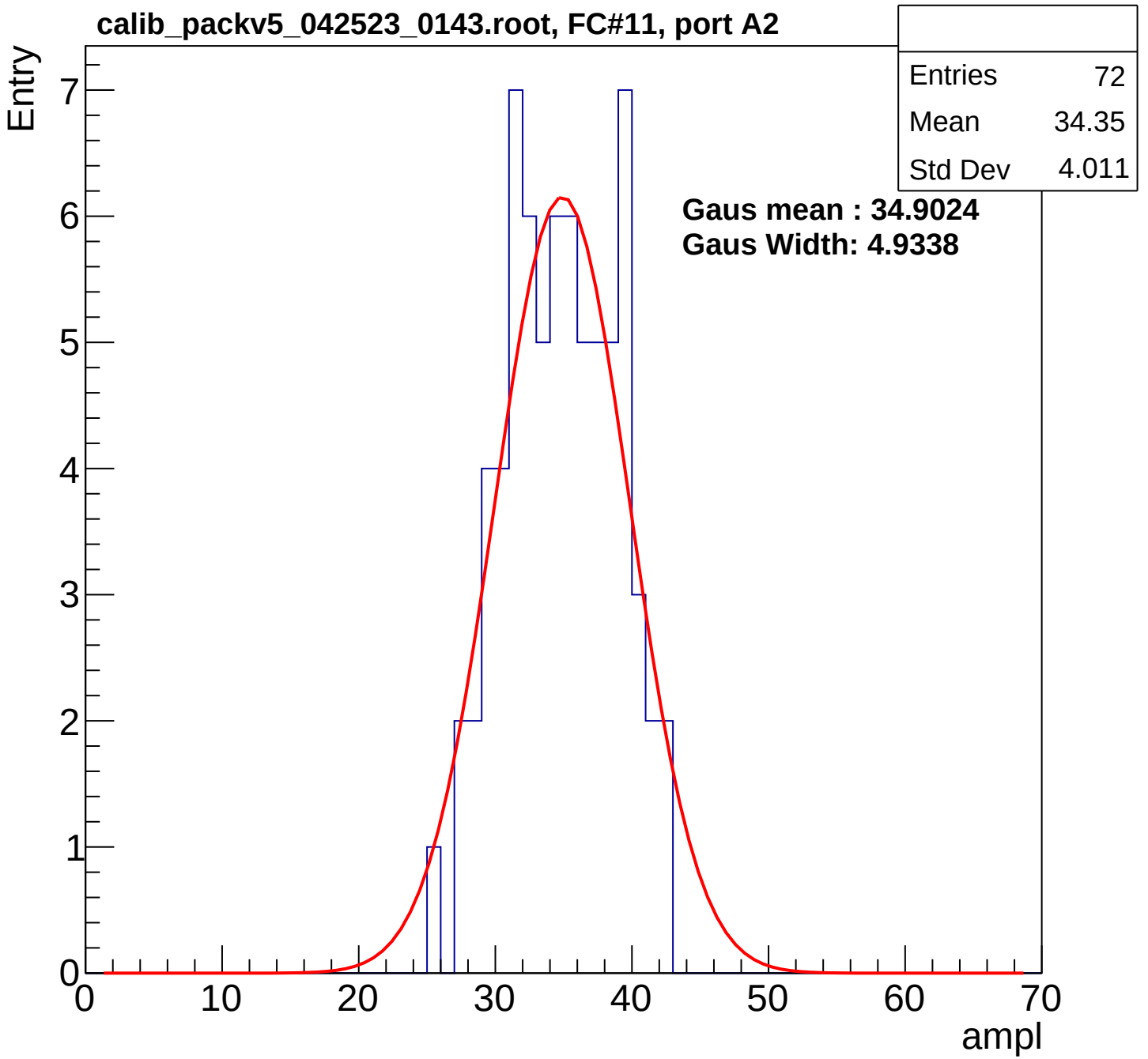
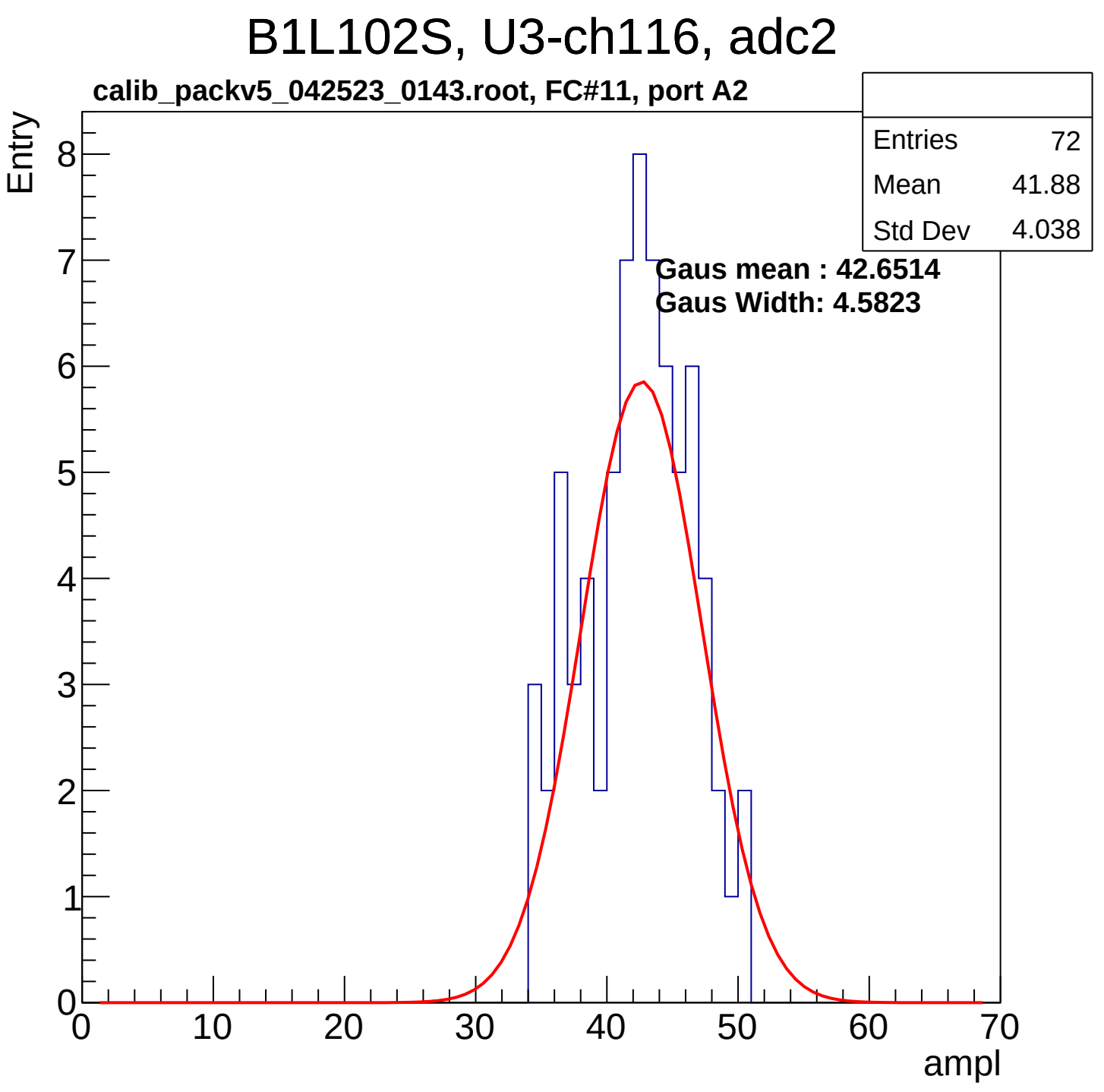

B1L102S, U3-ch116, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 34.35
Std Dev 4.011
Gaus mean : 34.9024
Gaus Width: 4.9338
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch116, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 41.88
Std Dev 4.038
Gaus mean : 42.6514
Gaus Width: 4.5823
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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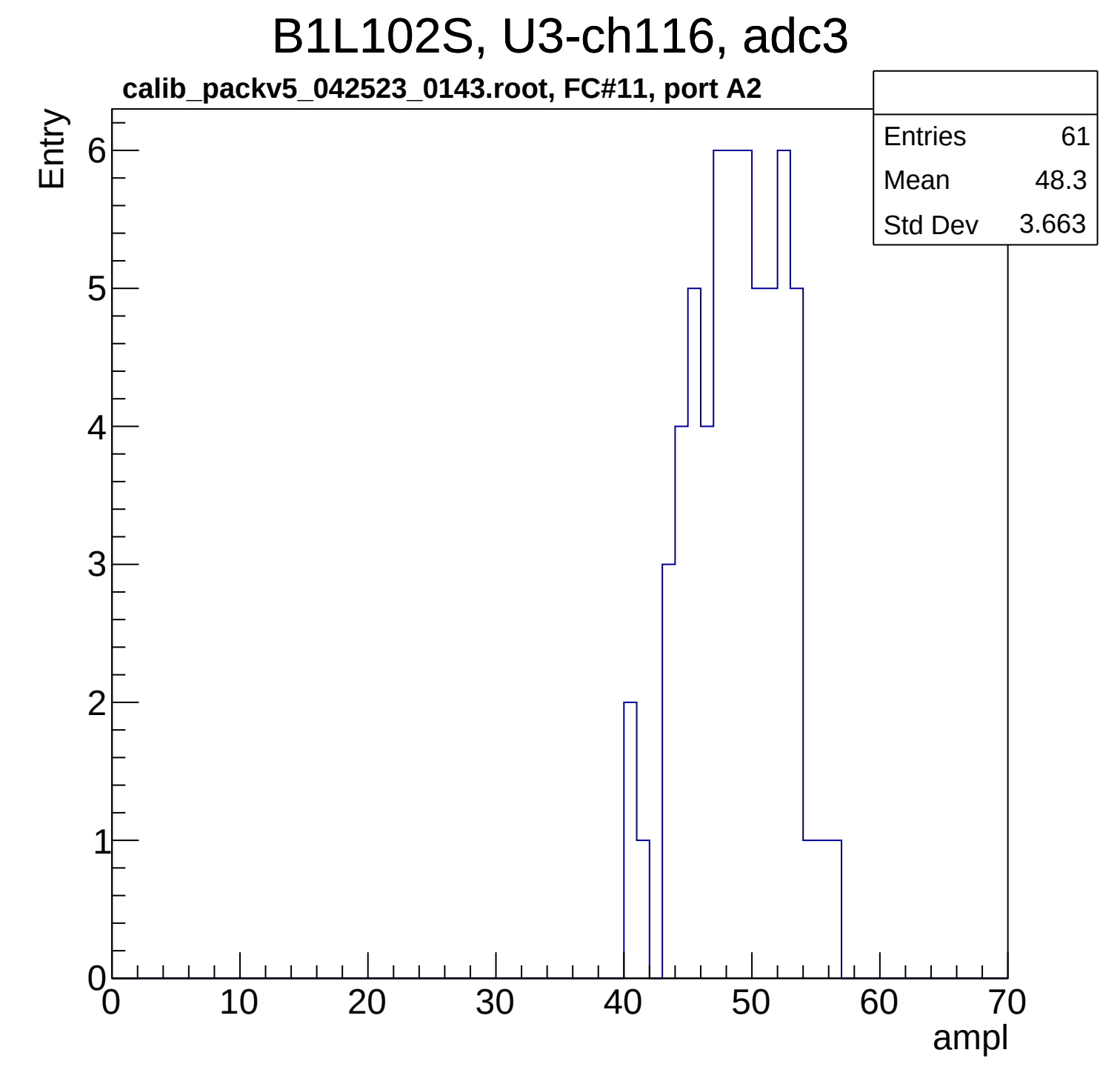
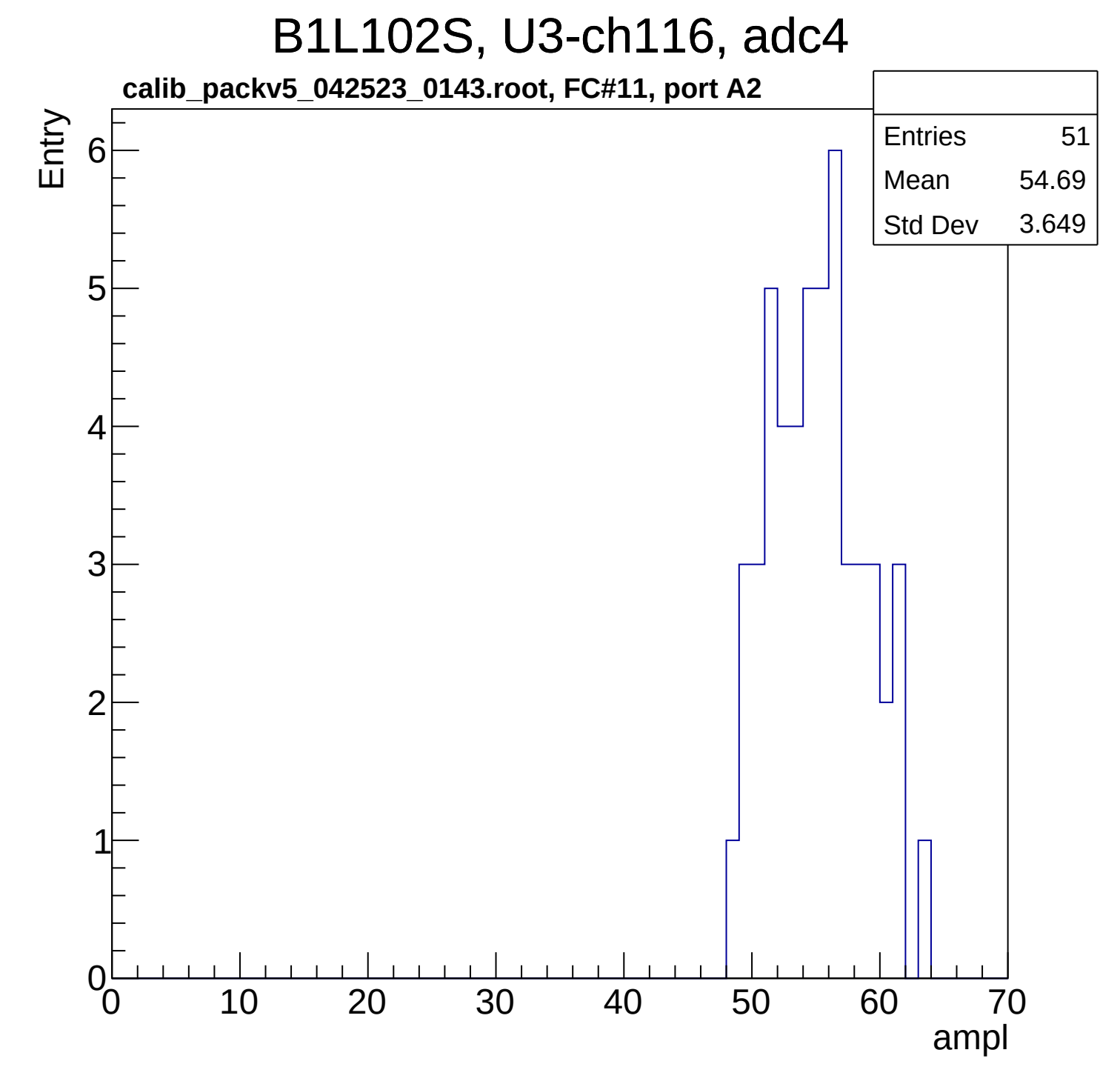
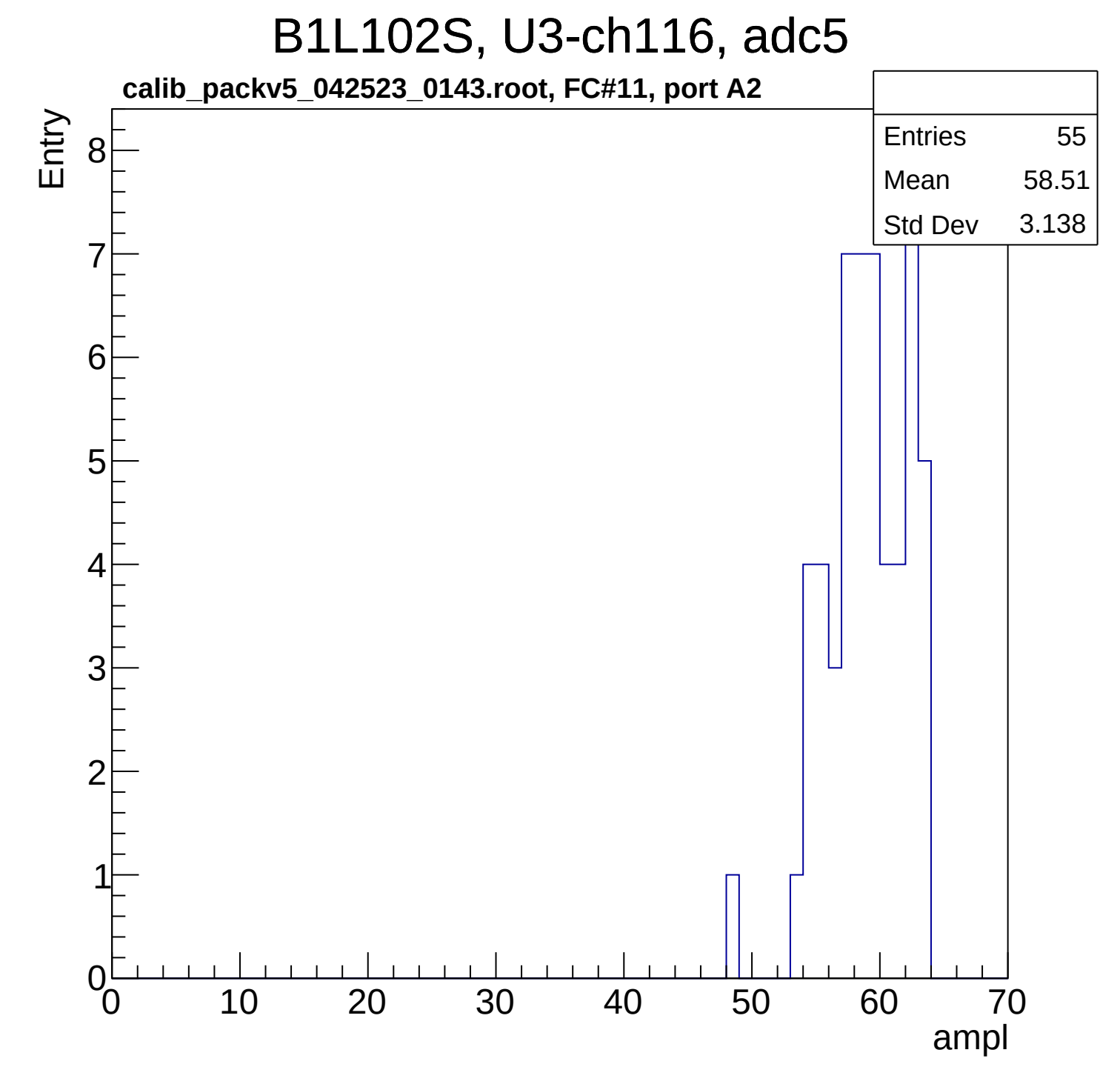

B1L102S, U3-ch116, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 48.3
Std Dev 3.663
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch116, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 54.69
Std Dev 3.649
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch116, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 58.51
Std Dev 3.138
Entry
ampl
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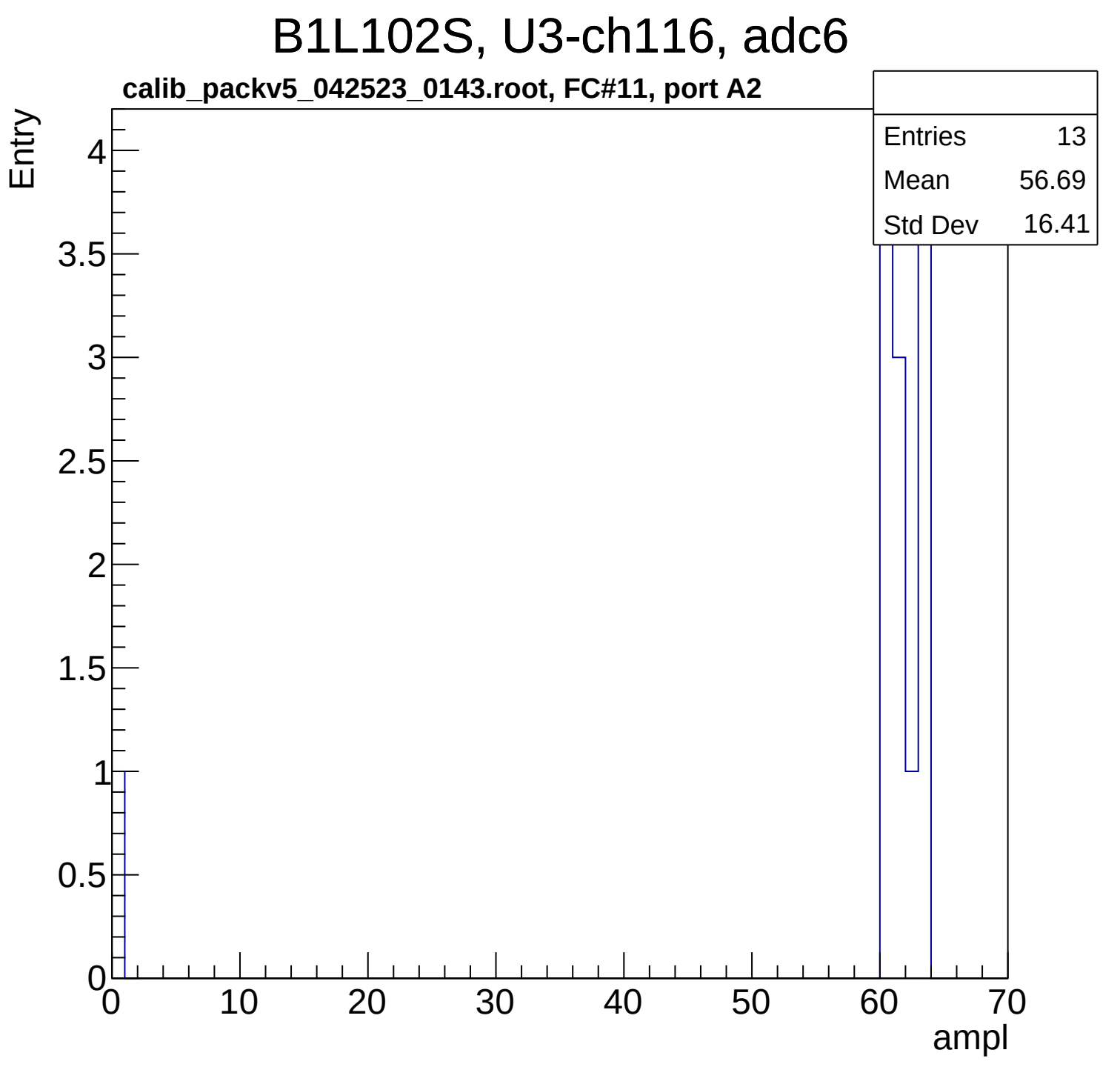
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch116, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 56.69
Std Dev 16.41
Entry
ampl
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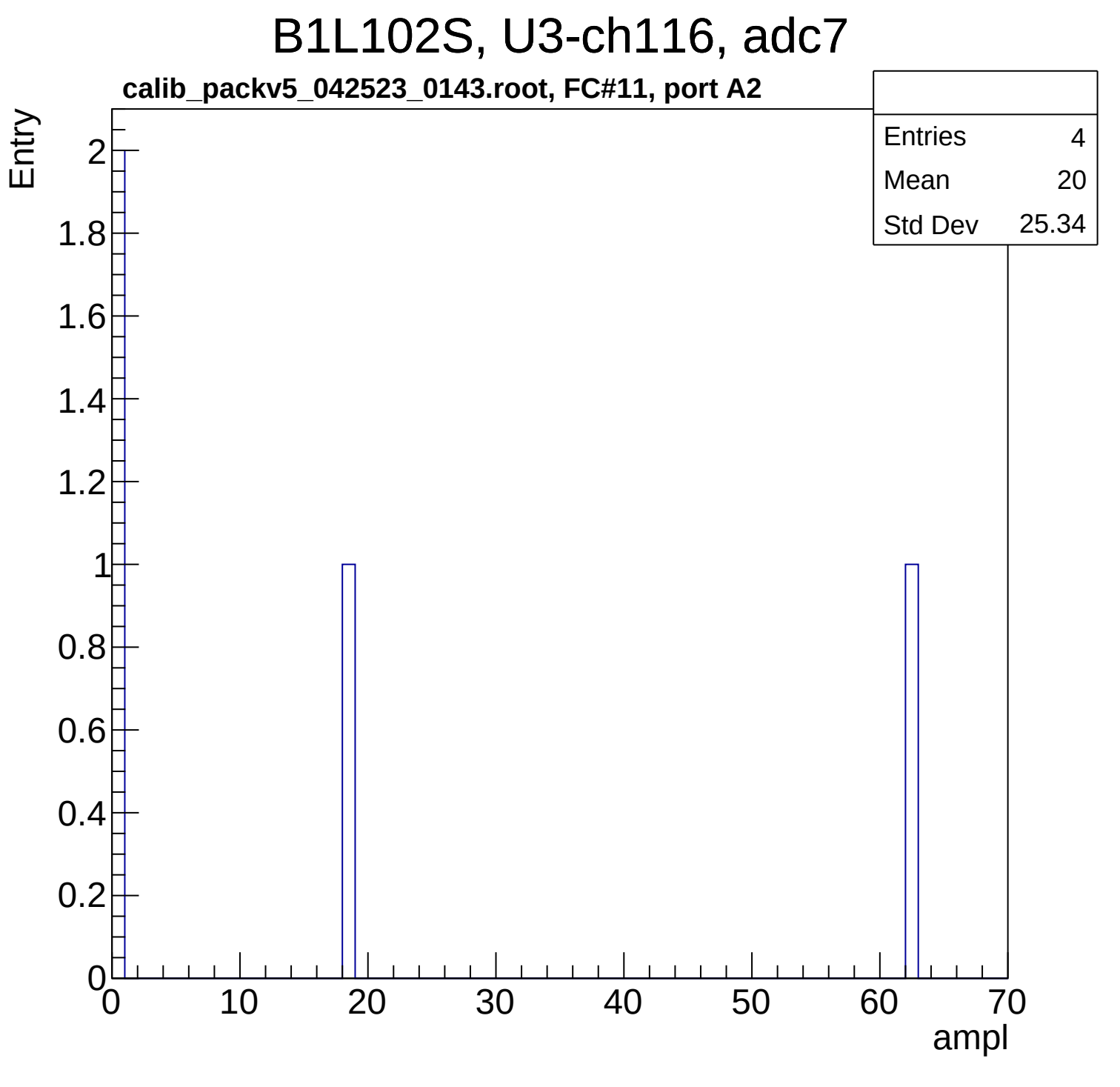
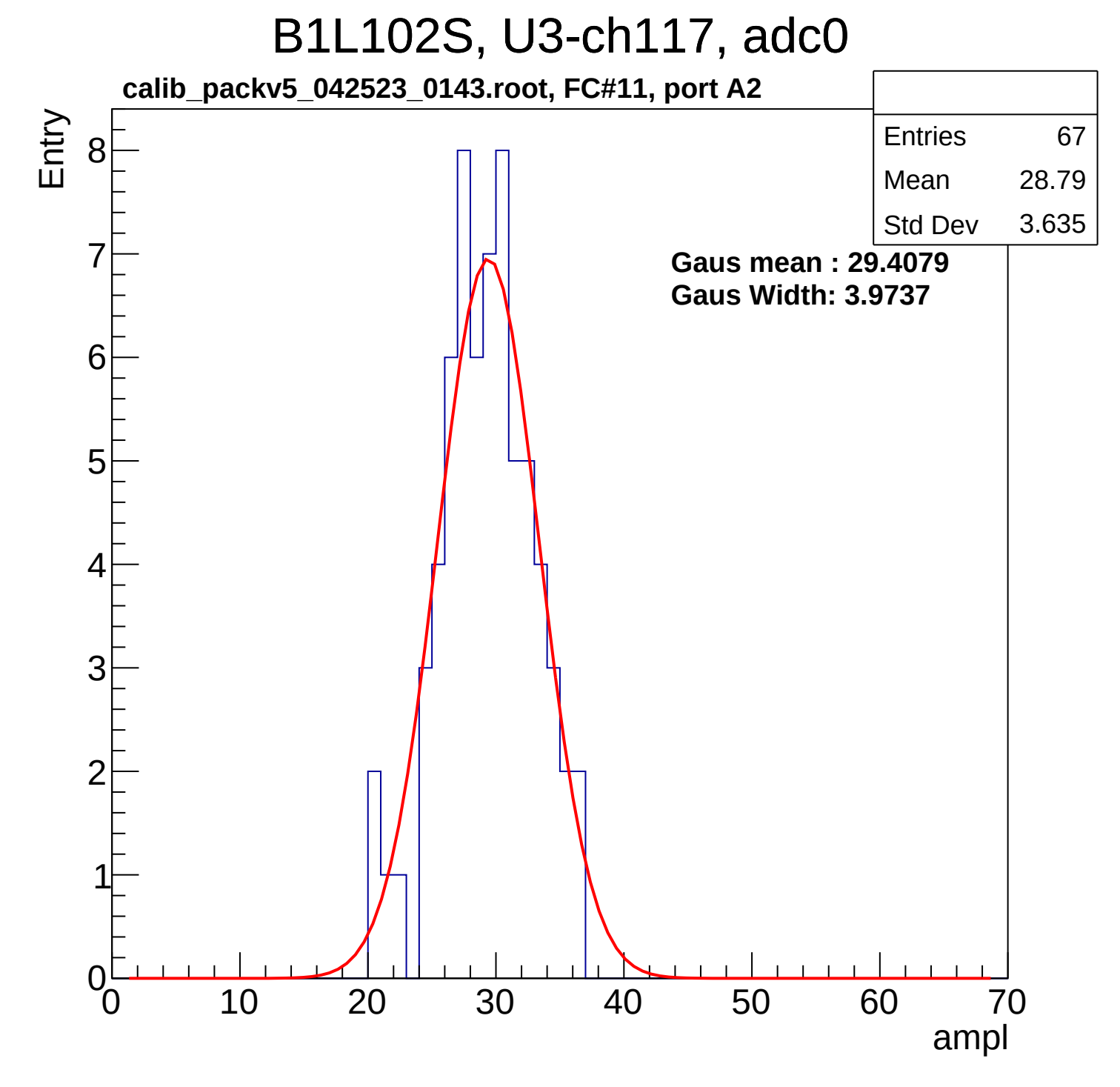
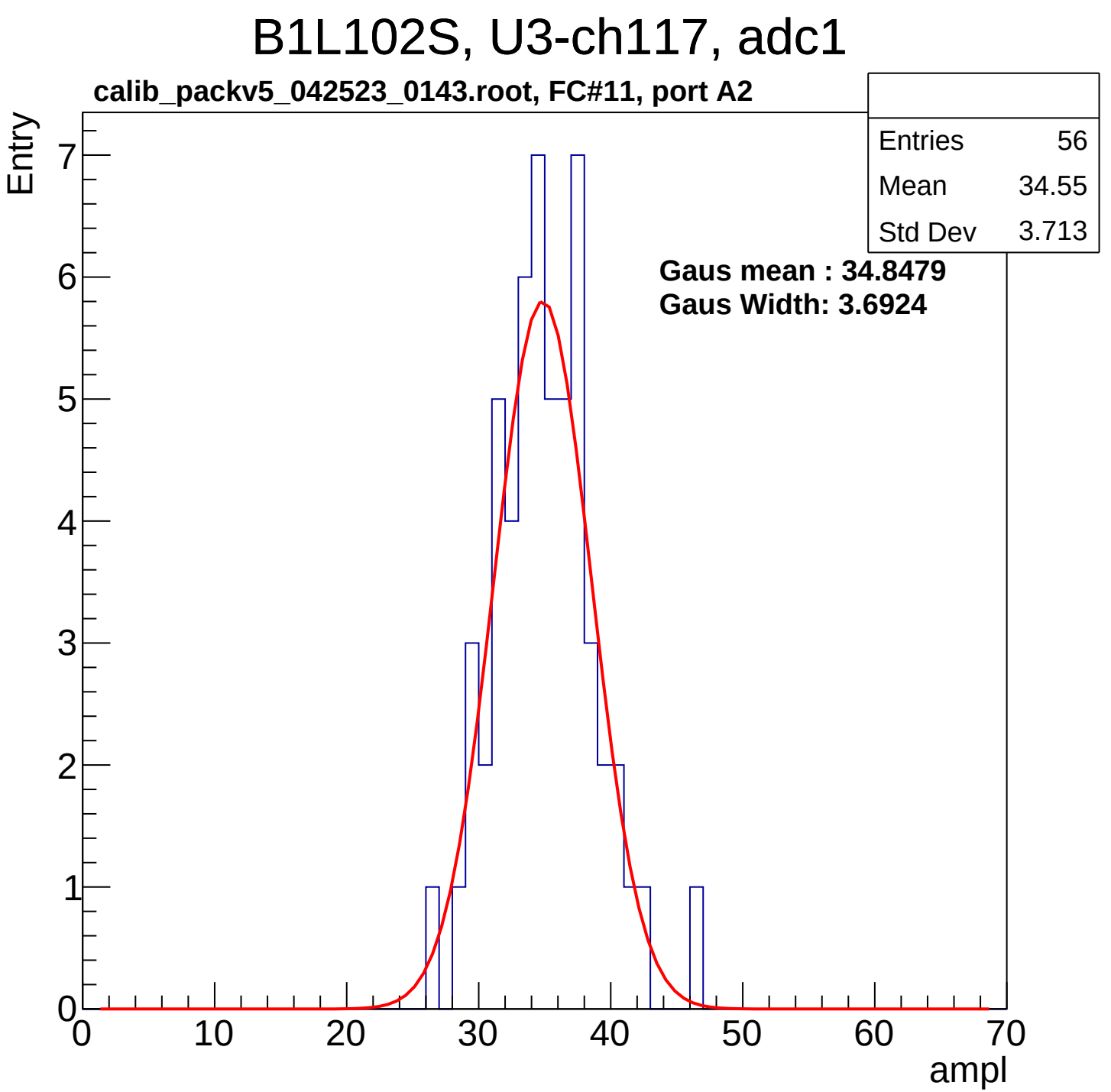
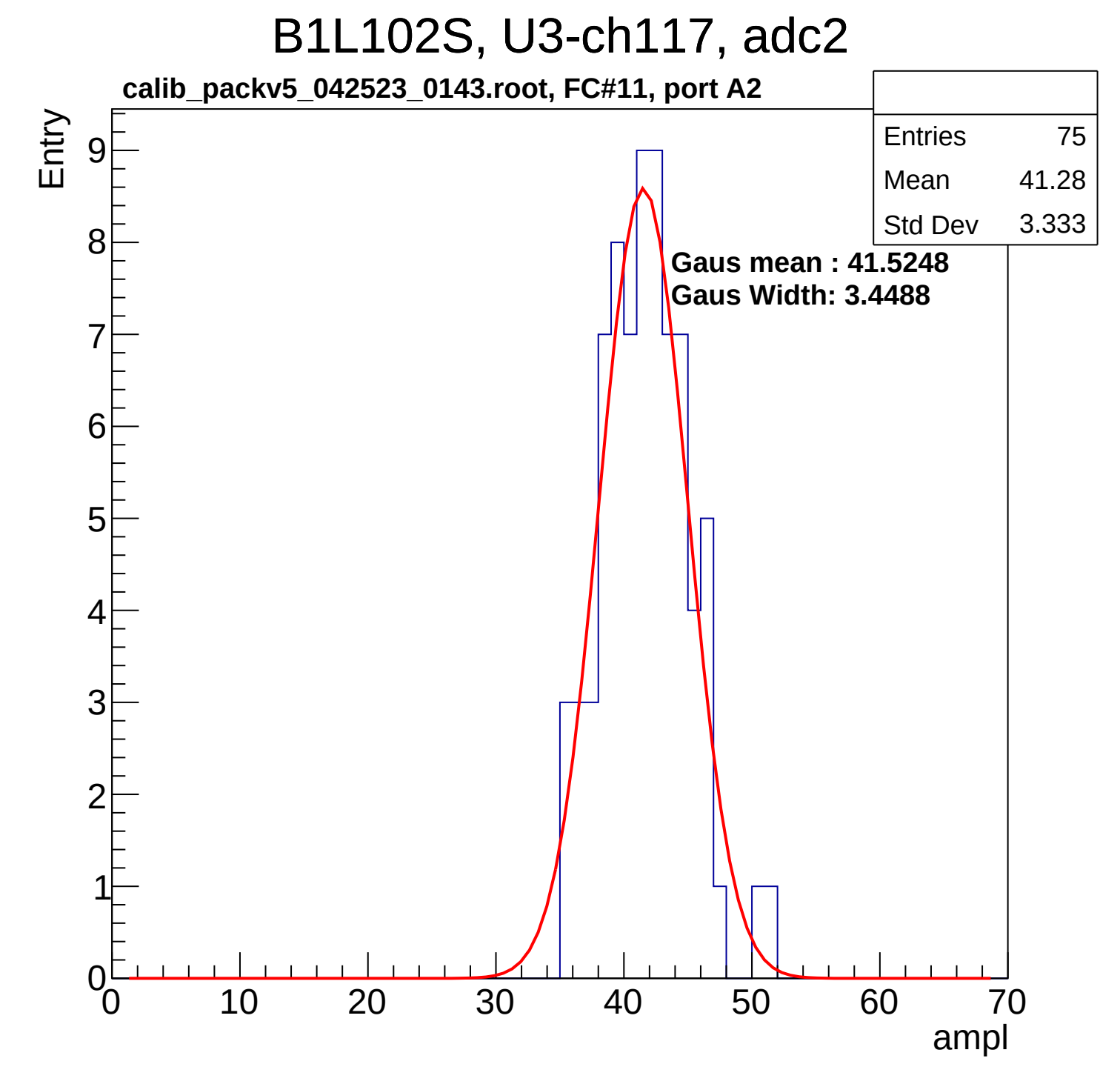
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch116, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 20
Std Dev 25.34
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, U3-ch117, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 28.79
Std Dev 3.635
Gaus mean : 29.4079
Gaus Width: 3.9737
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch117, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 34.55
Std Dev 3.713
Gaus mean : 34.8479
Gaus Width: 3.6924
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch117, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 41.28
Std Dev 3.333
Gaus mean : 41.5248
Gaus Width: 3.4488
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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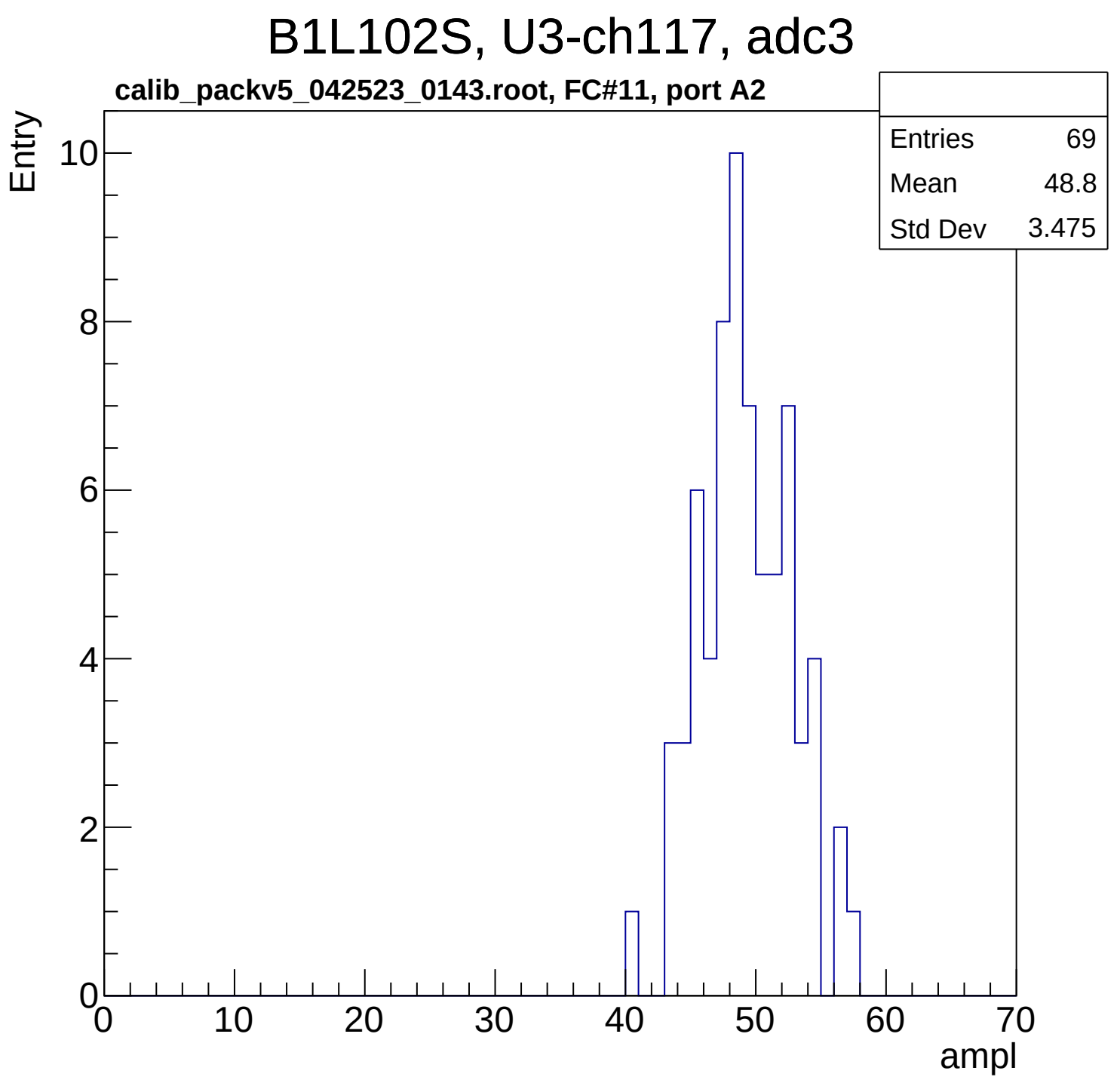
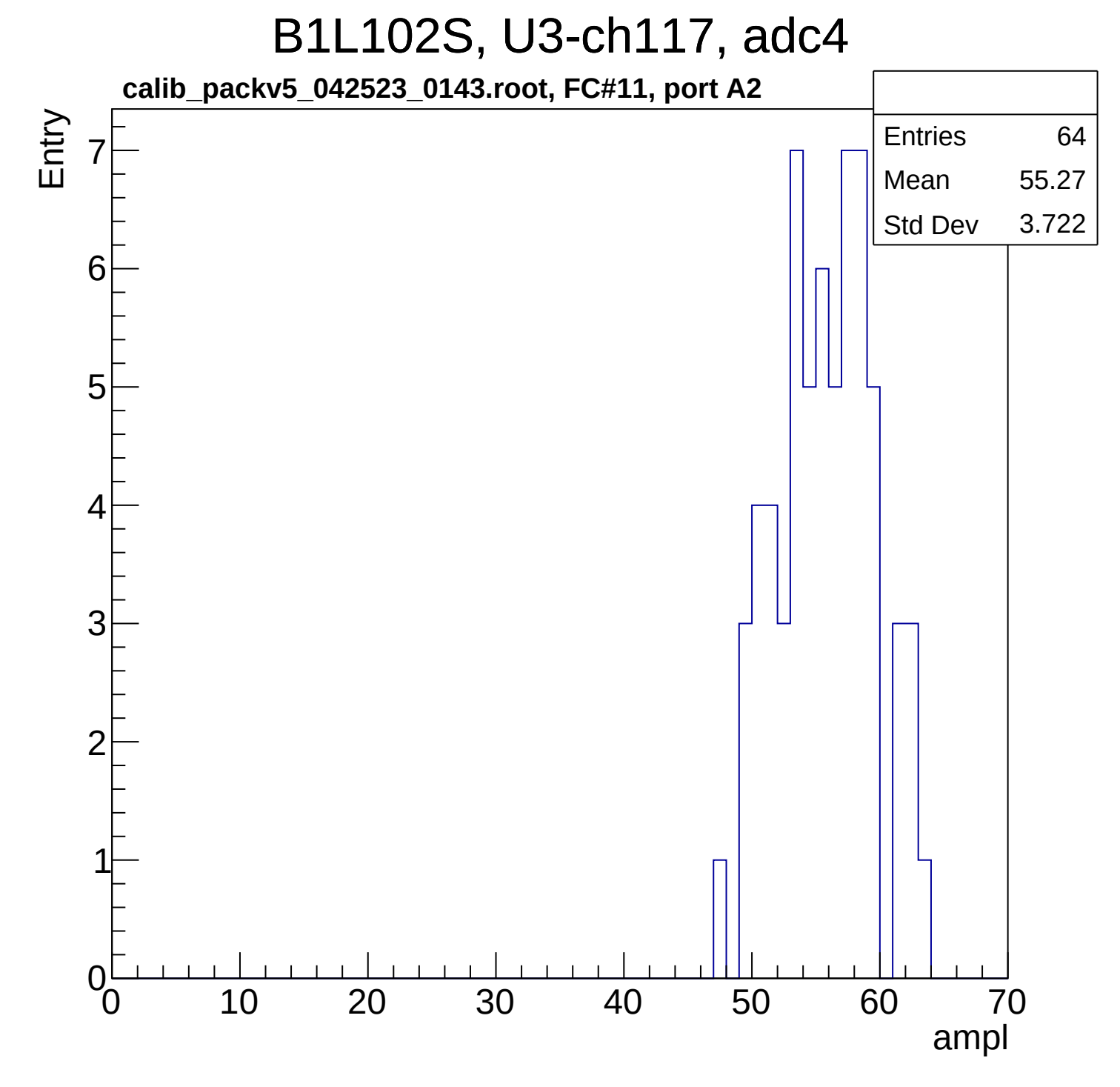
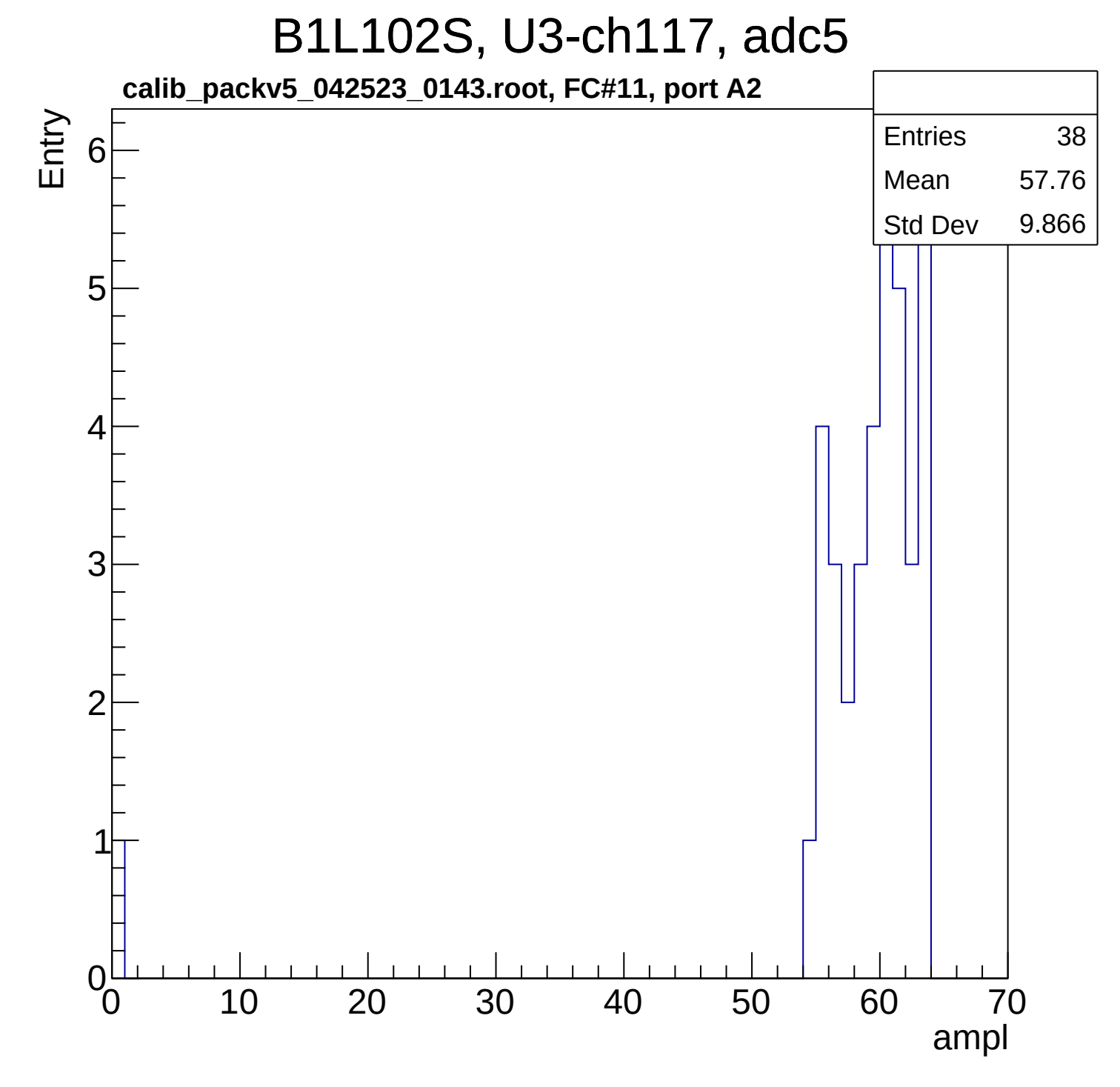
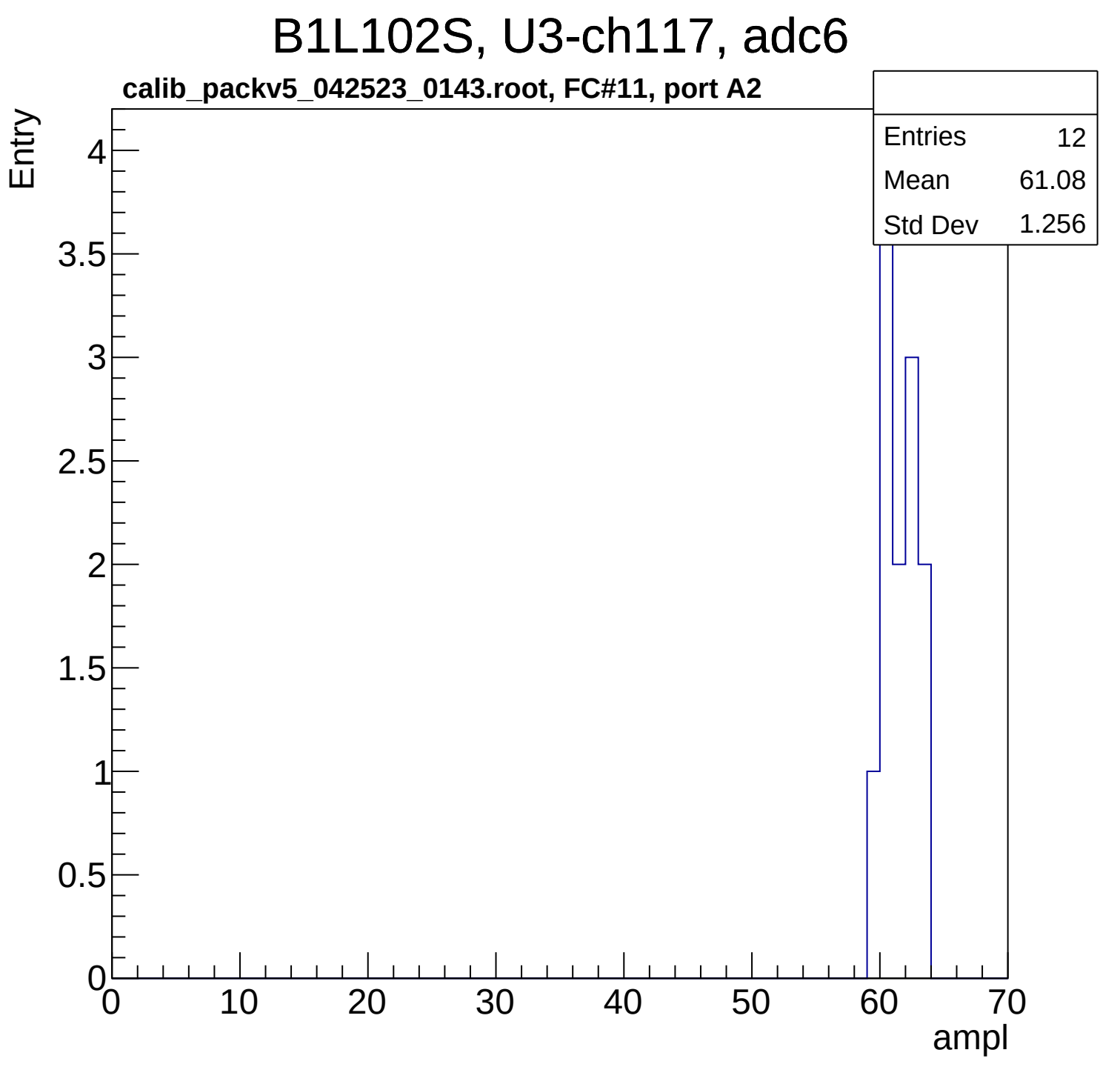
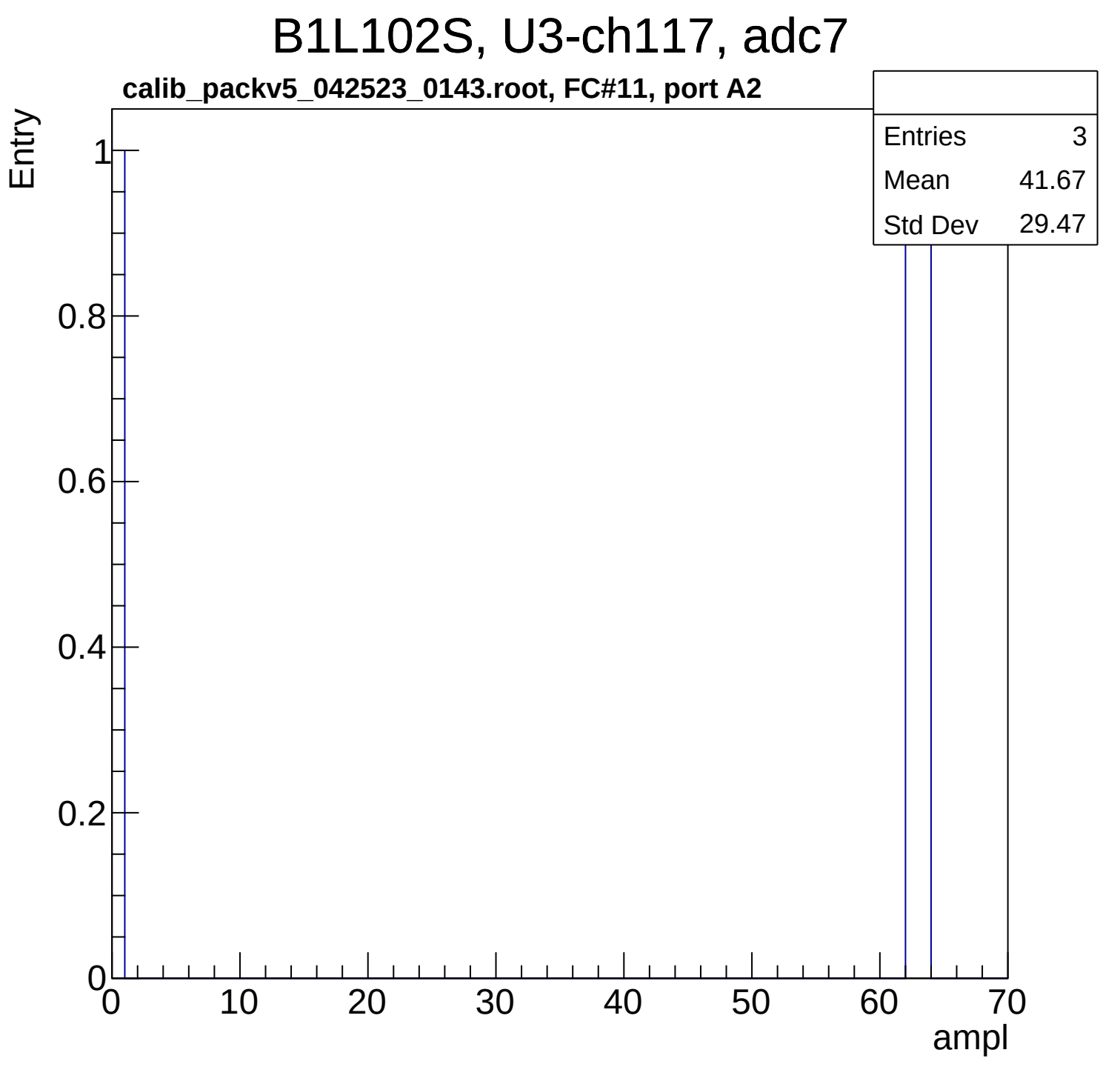
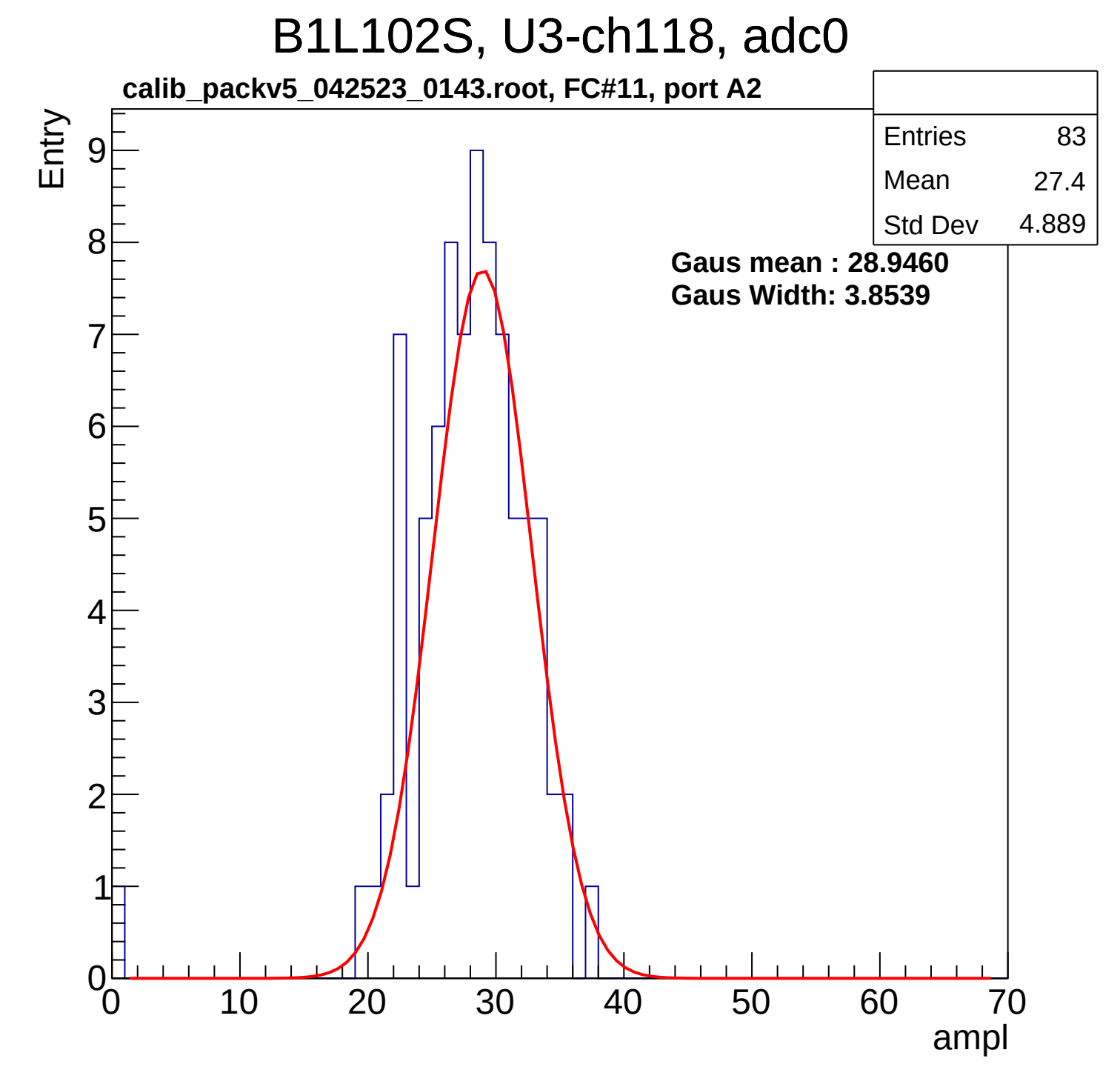

B1L102S, U3-ch117, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 48.8
Std Dev 3.475
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

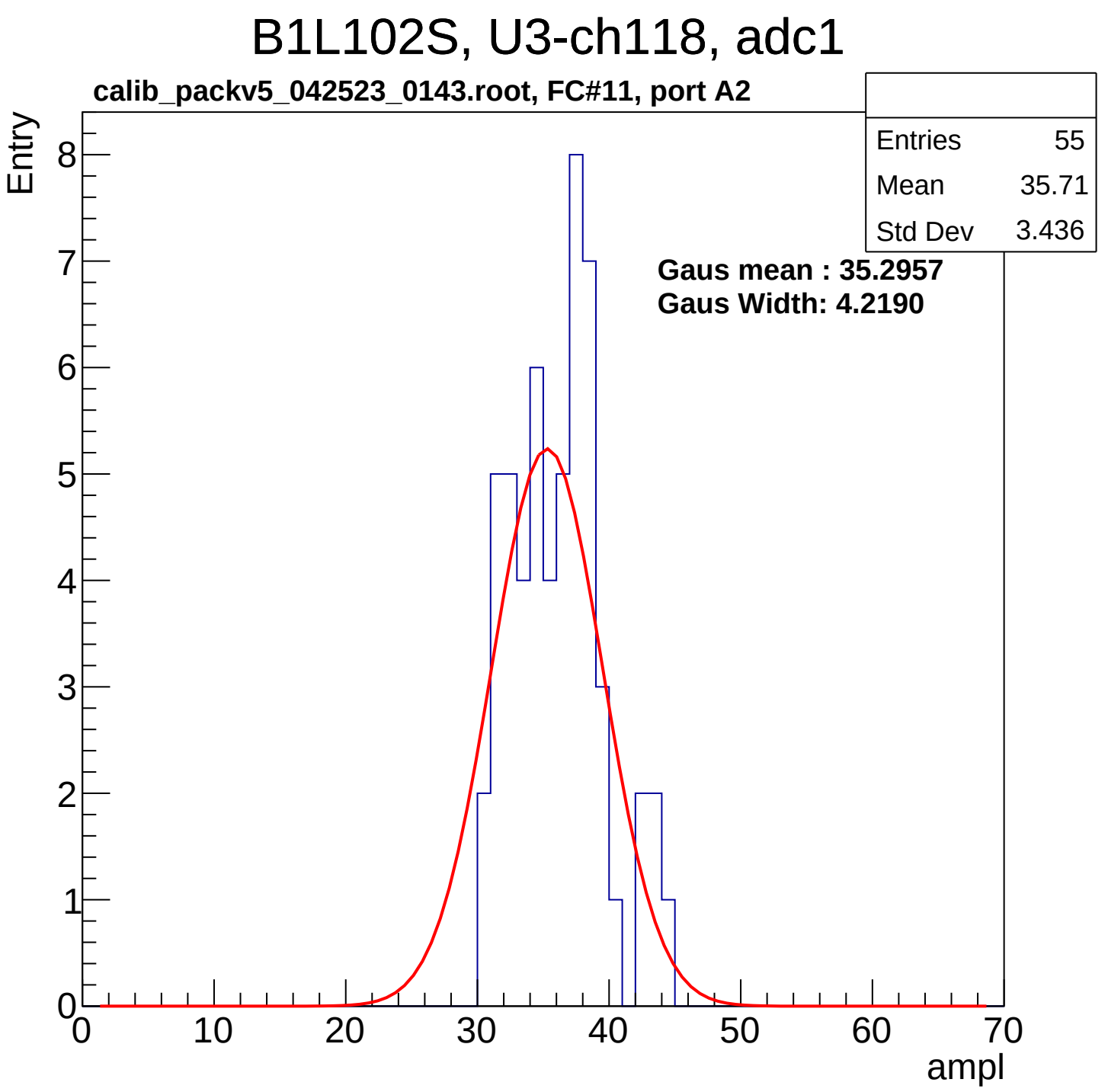

B1L102S, U3-ch117, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 55.27
Std Dev 3.722
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch117, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 38
Mean 57.76
Std Dev 9.866
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U3-ch117, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 61.08
Std Dev 1.256
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch117, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 41.67
Std Dev 29.47
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch118, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 83
Mean 27.4
Std Dev 4.889
Gaus mean : 28.9460
Gaus Width: 3.8539
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch118, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 35.71
Std Dev 3.436
Gaus mean : 35.2957
Gaus Width: 4.2190
Entry
ampl
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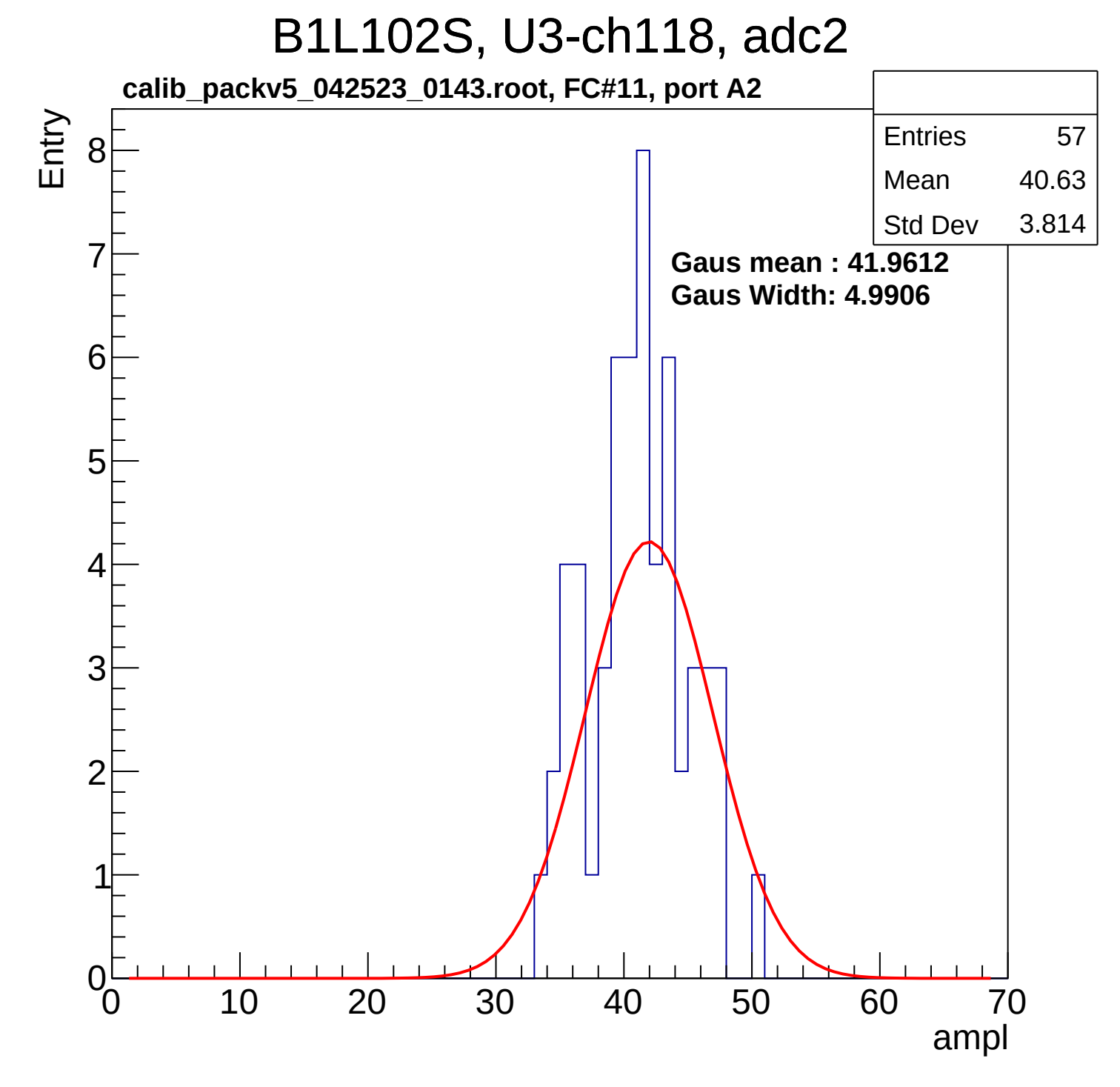
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch118, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 40.63
Std Dev 3.814
Gaus mean : 41.9612
Gaus Width: 4.9906
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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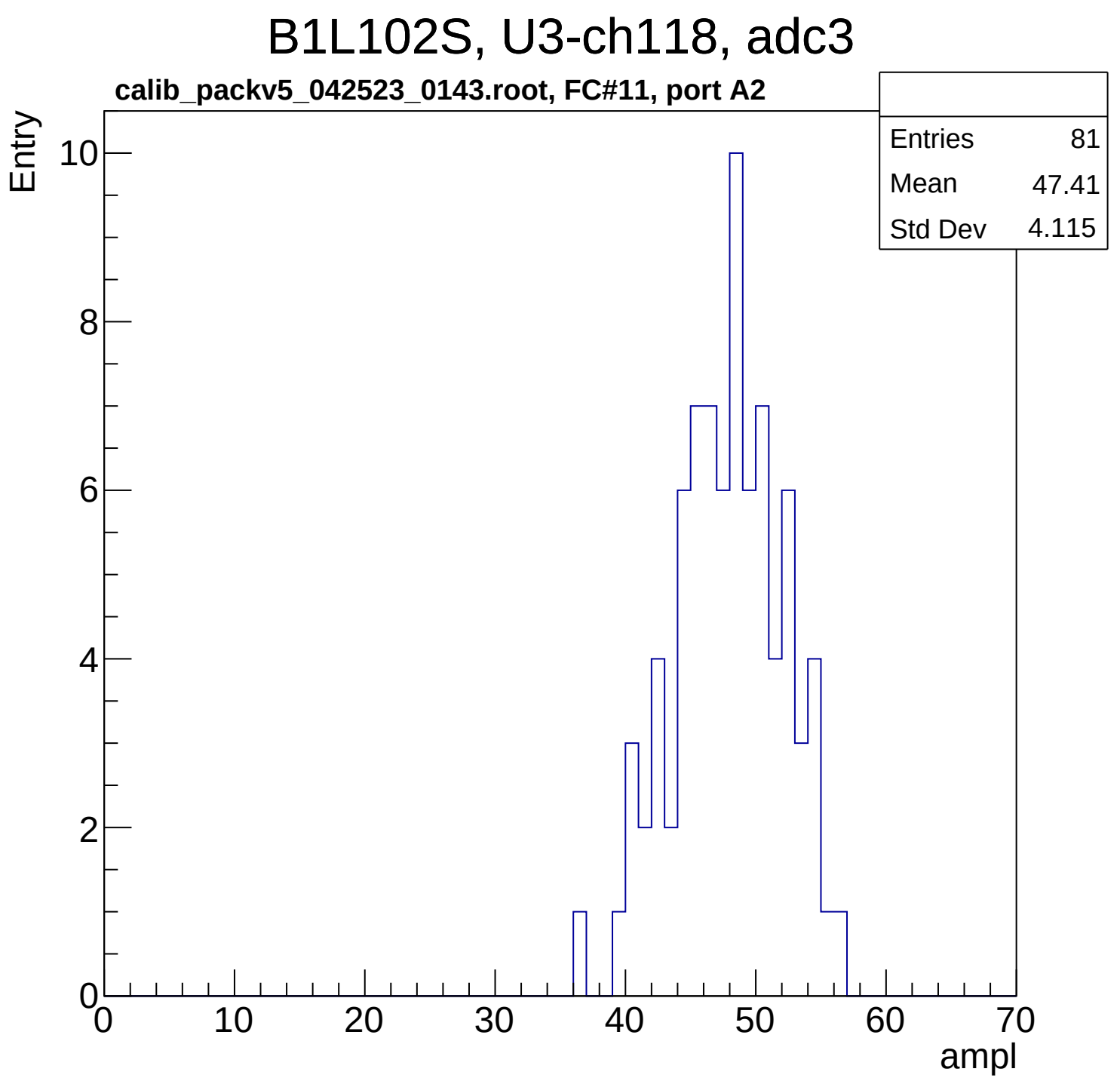
40
50
60
70


B1L102S, U3-ch118, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 47.41
Std Dev 4.115
Entry
ampl
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2
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0
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20
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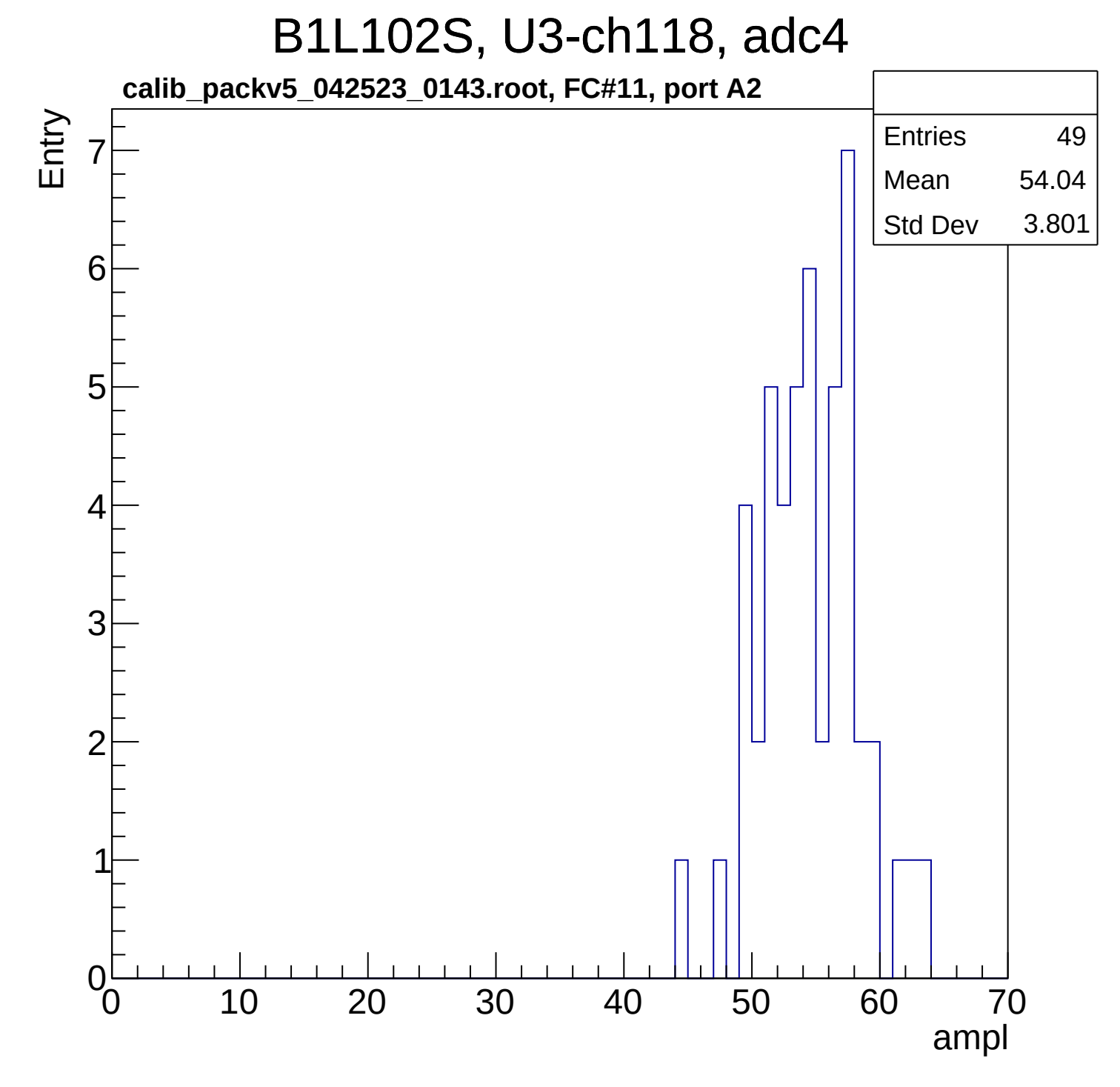
40
50
60
70


B1L102S, U3-ch118, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 54.04
Std Dev 3.801
Entry
ampl
0
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2
3
4
5
6
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0
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20
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40
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60
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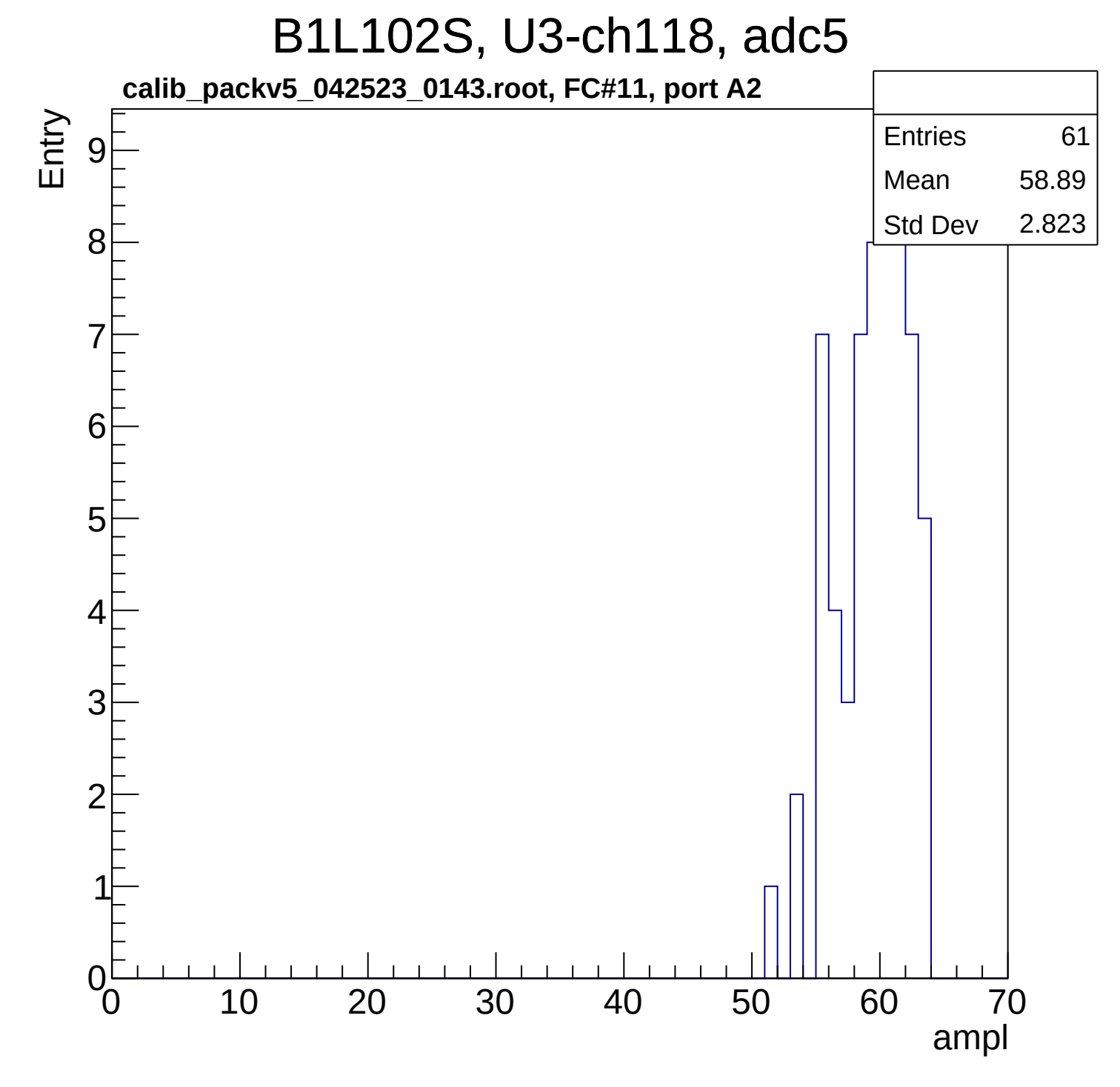
B1L102S, U3-ch118, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 58.89
Std Dev 2.823
Entry
ampl
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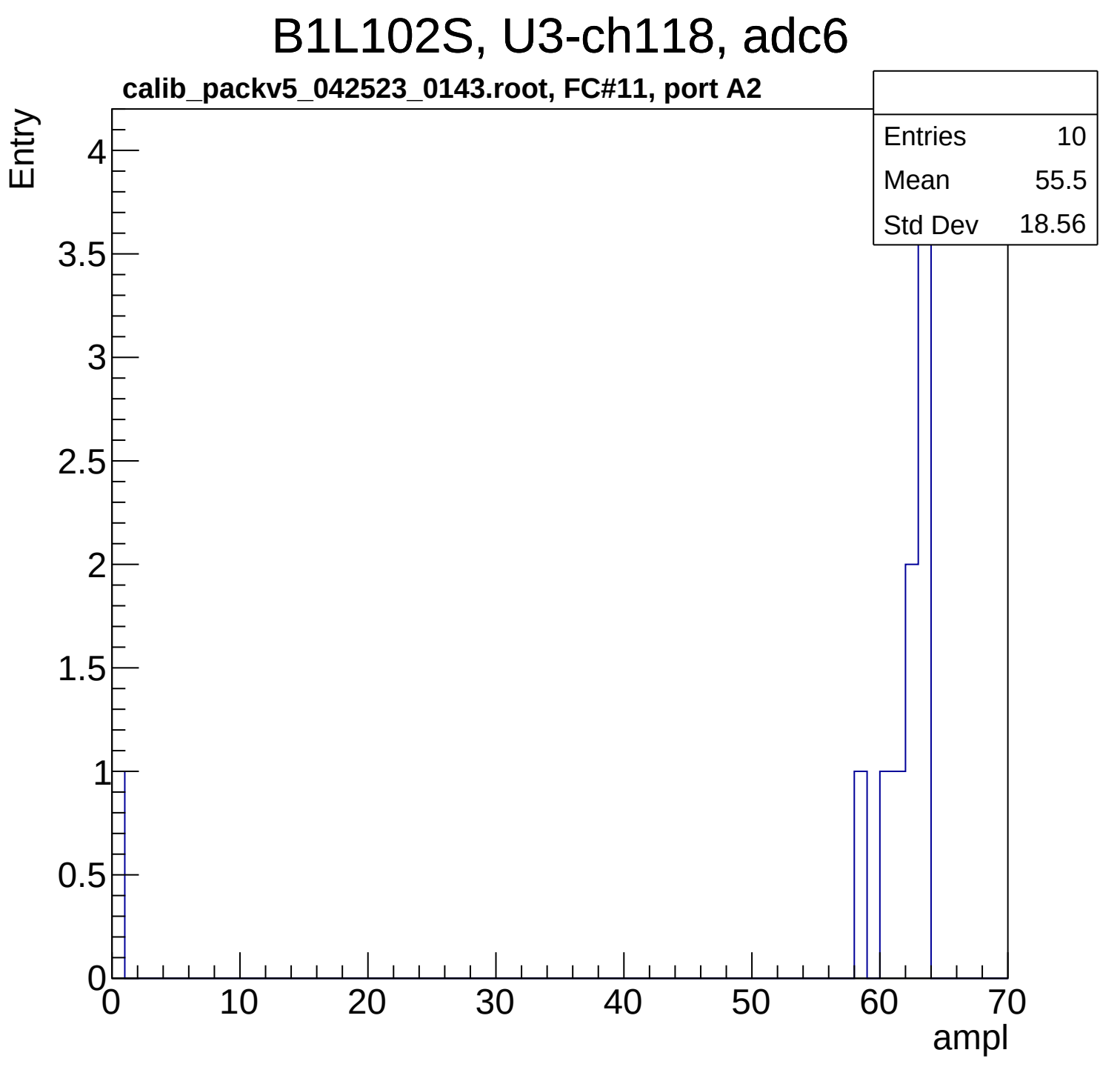
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch118, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 55.5
Std Dev 18.56
Entry
ampl
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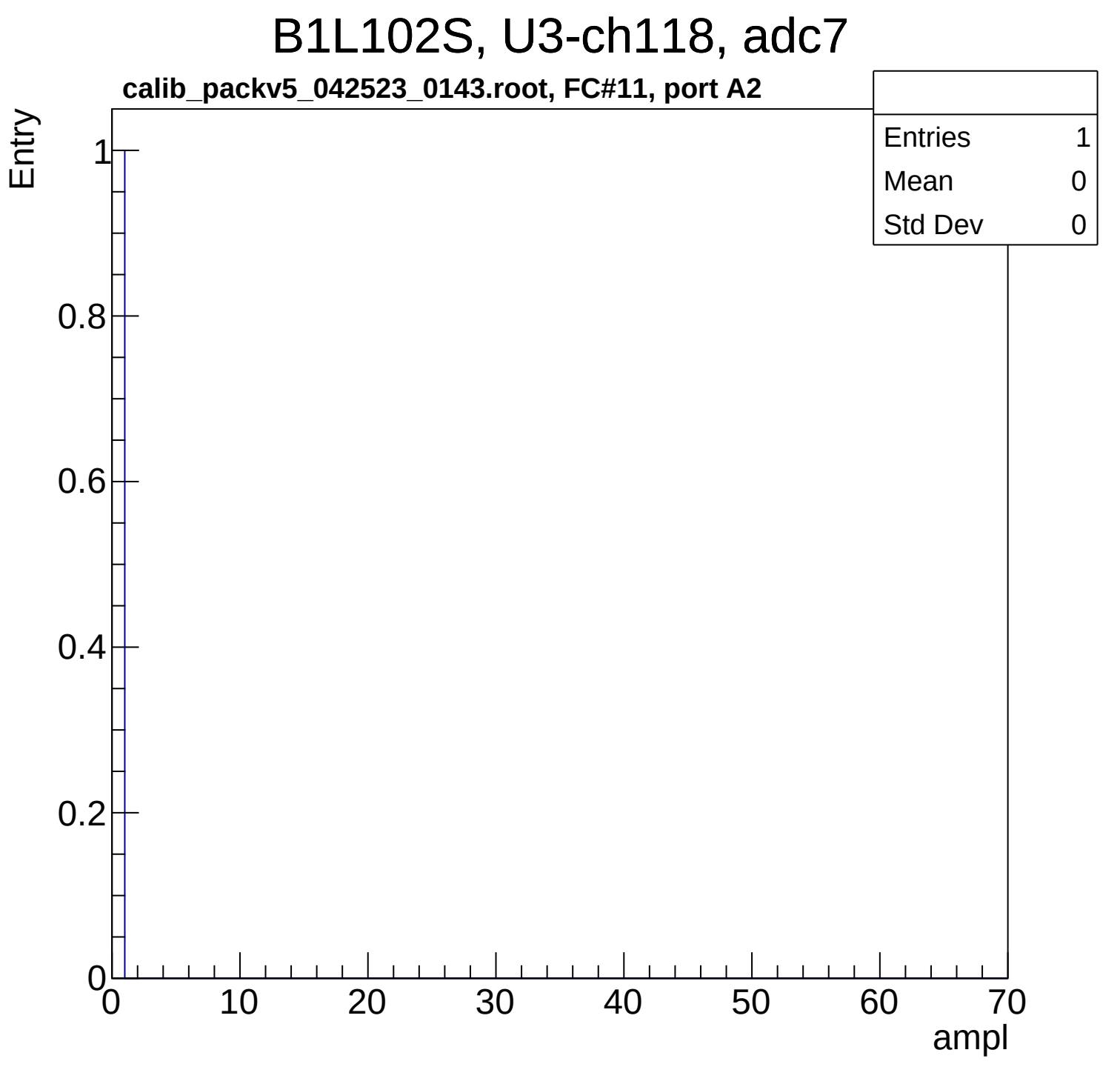
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch118, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
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0.2
0
0
10
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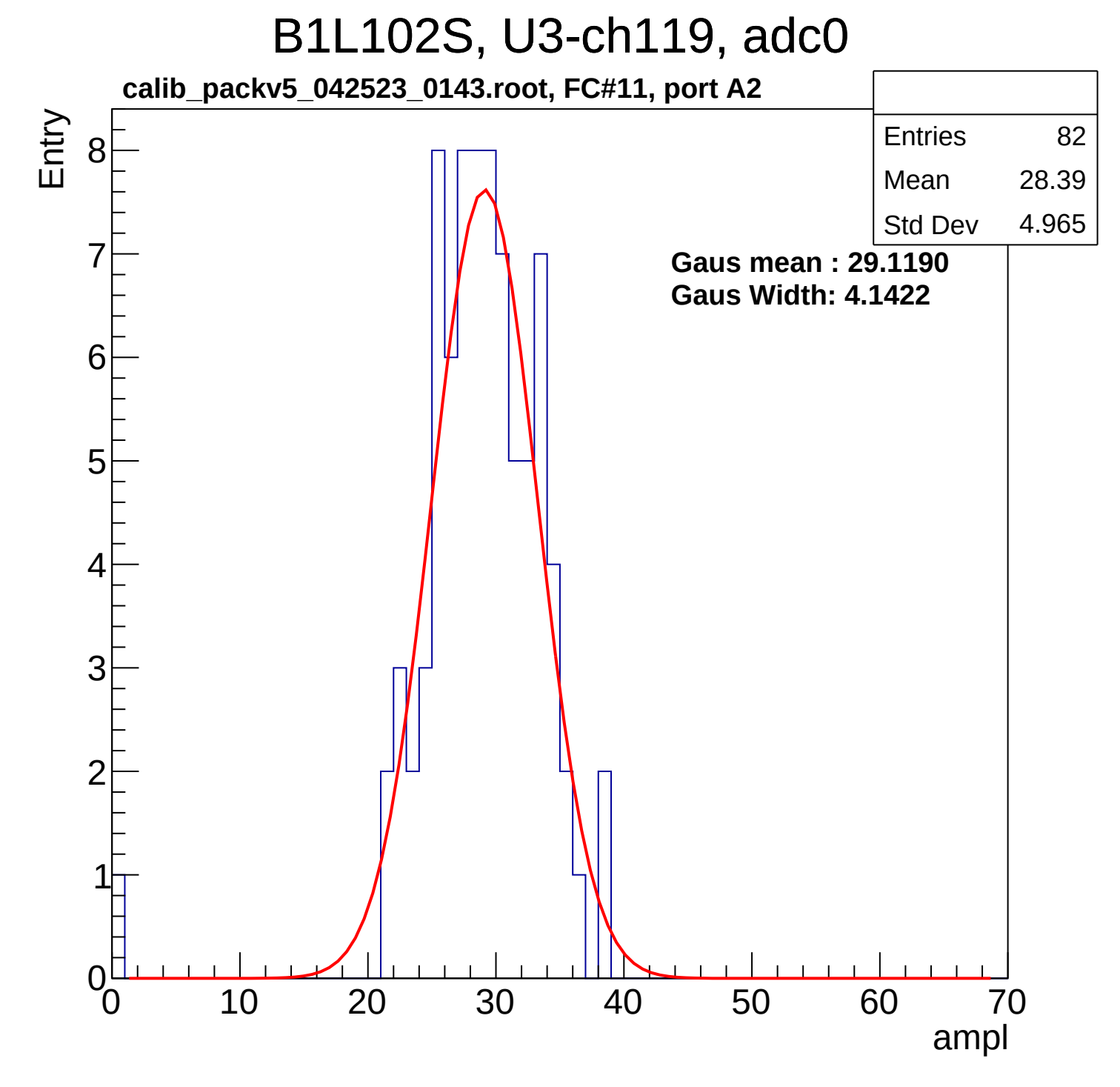
30
40
50
60
70
ampl


B1L102S, U3-ch119, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 28.39
Std Dev 4.965
Gaus mean : 29.1190
Gaus Width: 4.1422
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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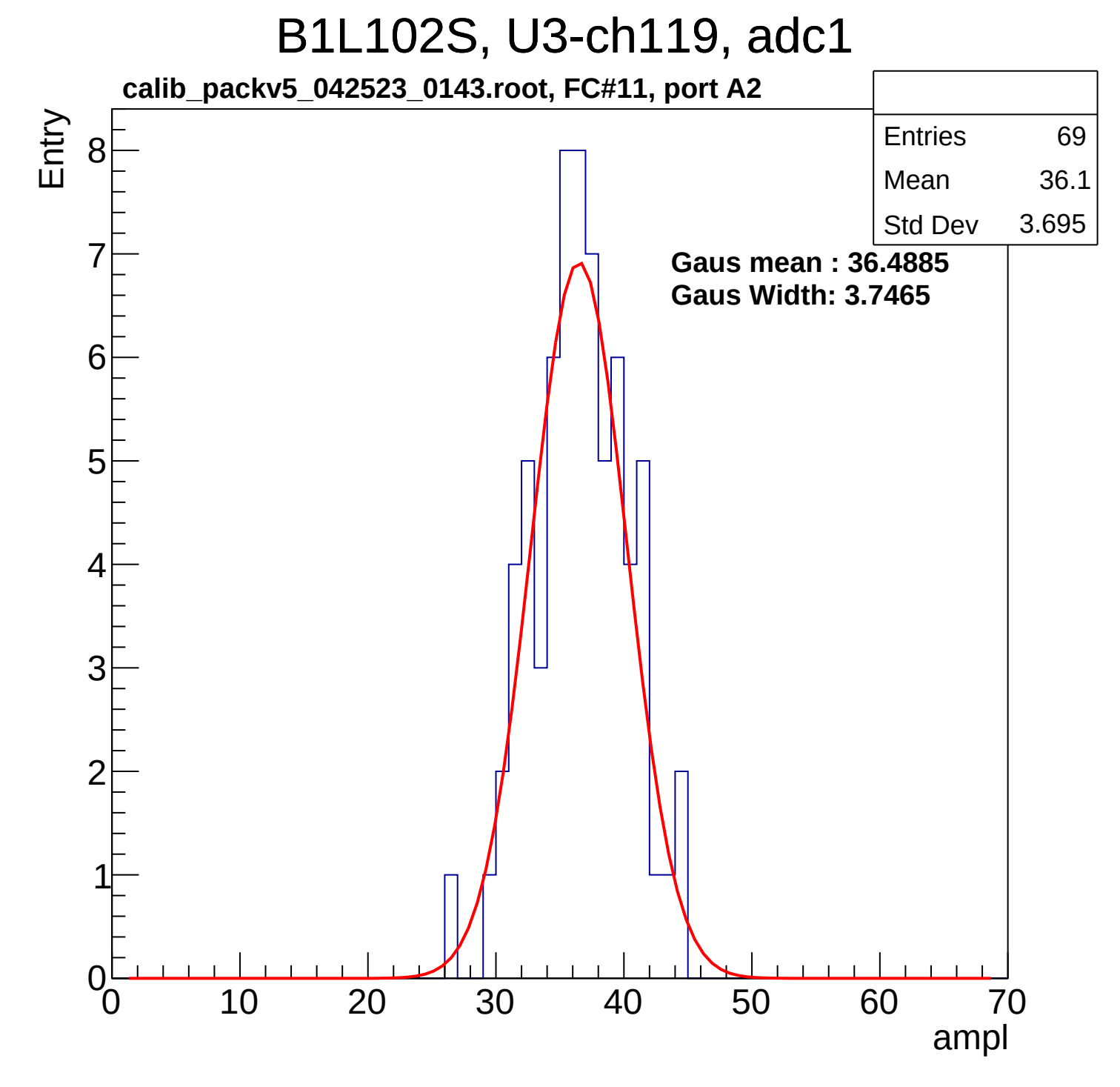
40
50
60
70


B1L102S, U3-ch119, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 36.1
Std Dev 3.695
Gaus mean : 36.4885
Gaus Width: 3.7465
Entry
ampl
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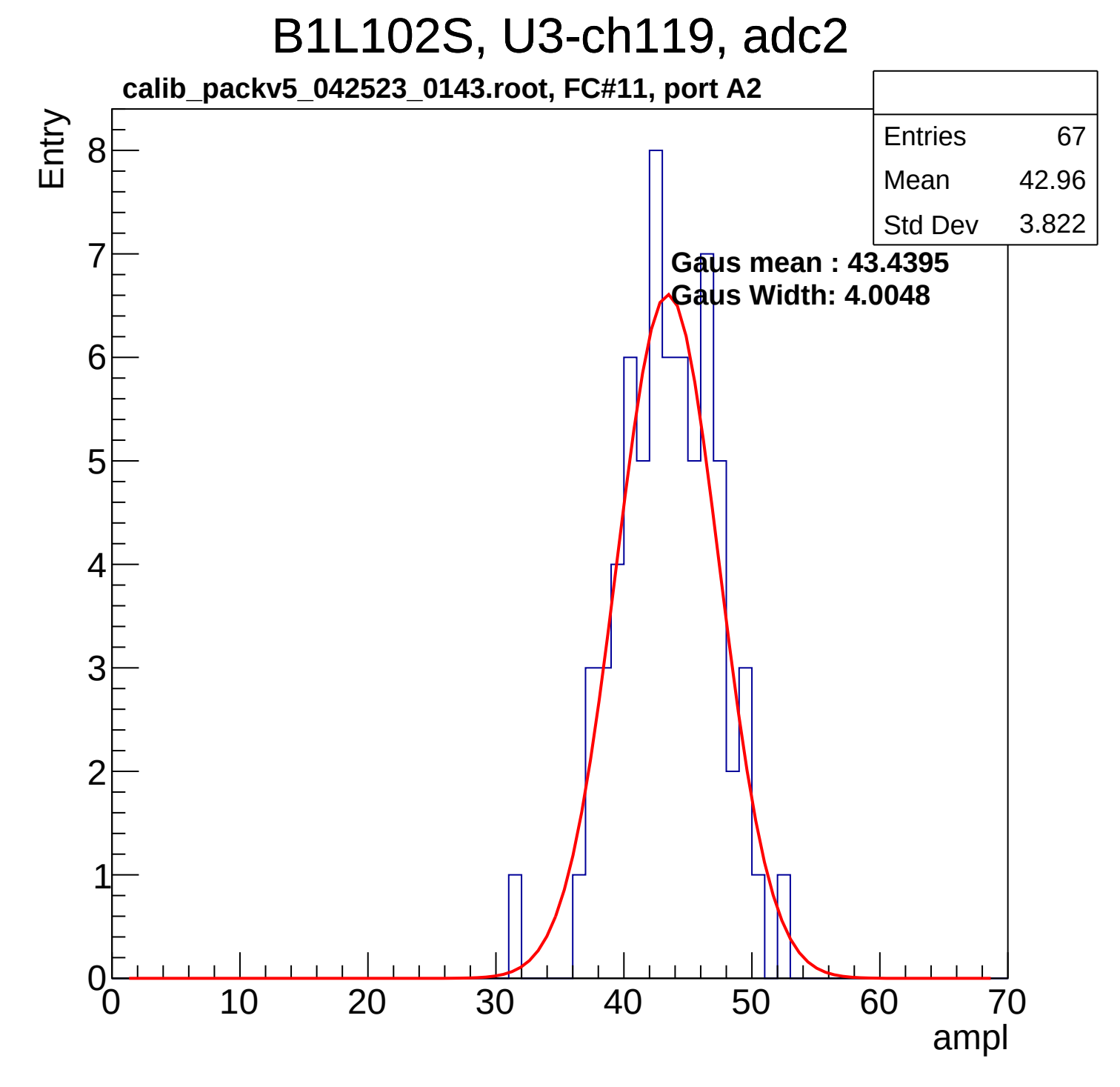
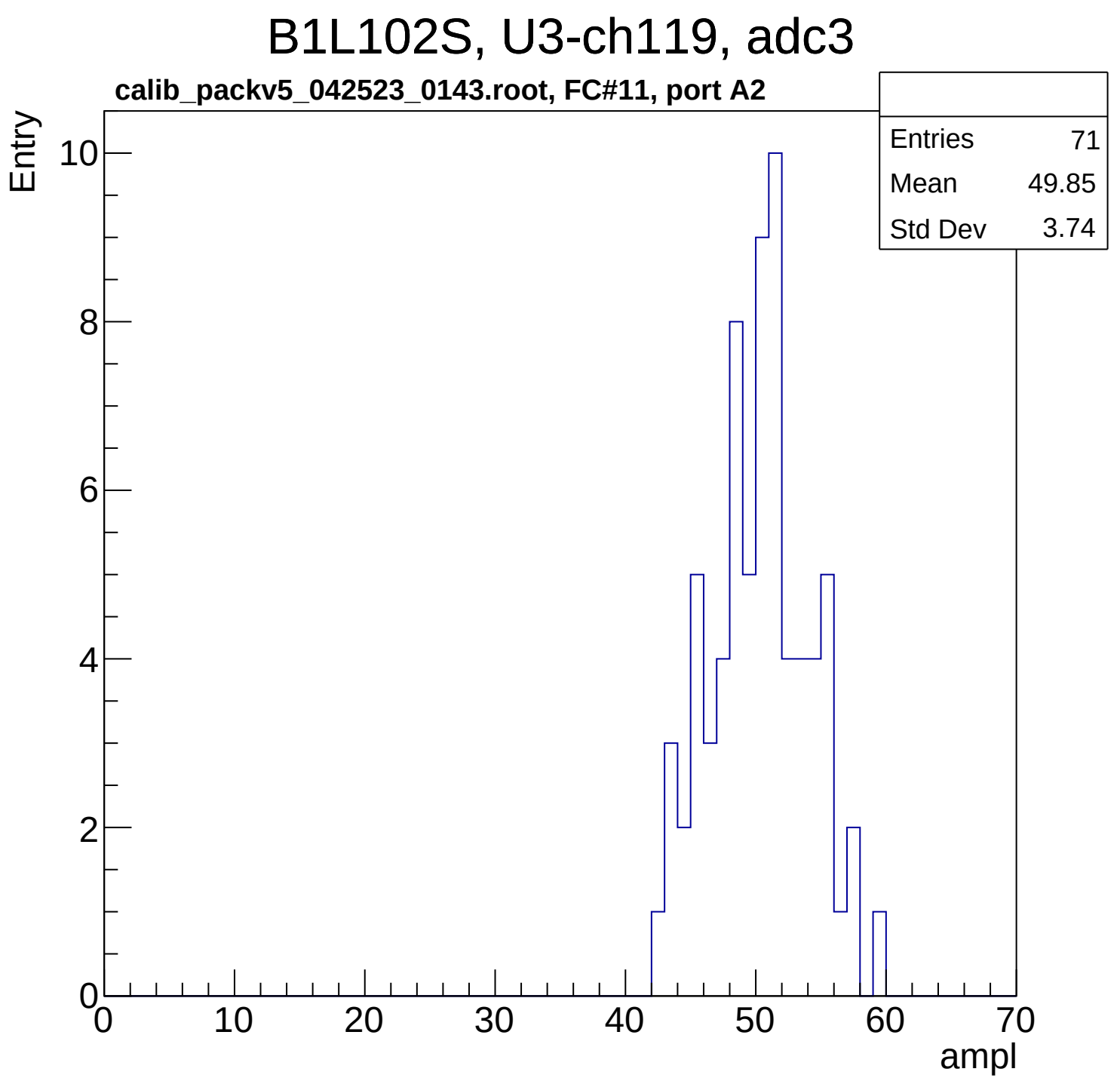
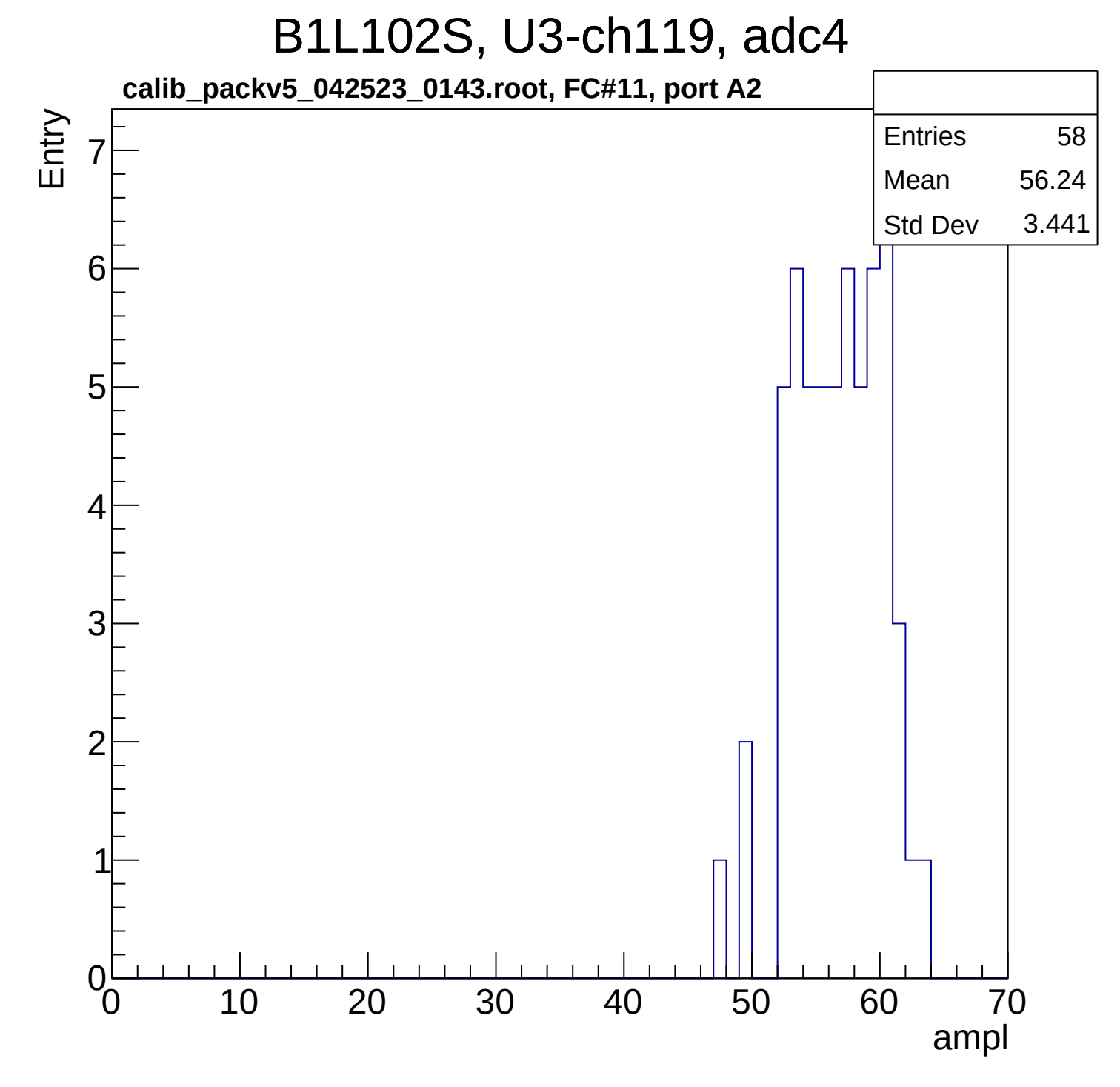
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch119, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 42.96
Std Dev 3.822
Gaus mean : 43.4395
Gaus Width: 4.0048
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch119, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 49.85
Std Dev 3.74
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch119, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 56.24
Std Dev 3.441
Entry
ampl
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1
2
3
4
5
6
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20
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40
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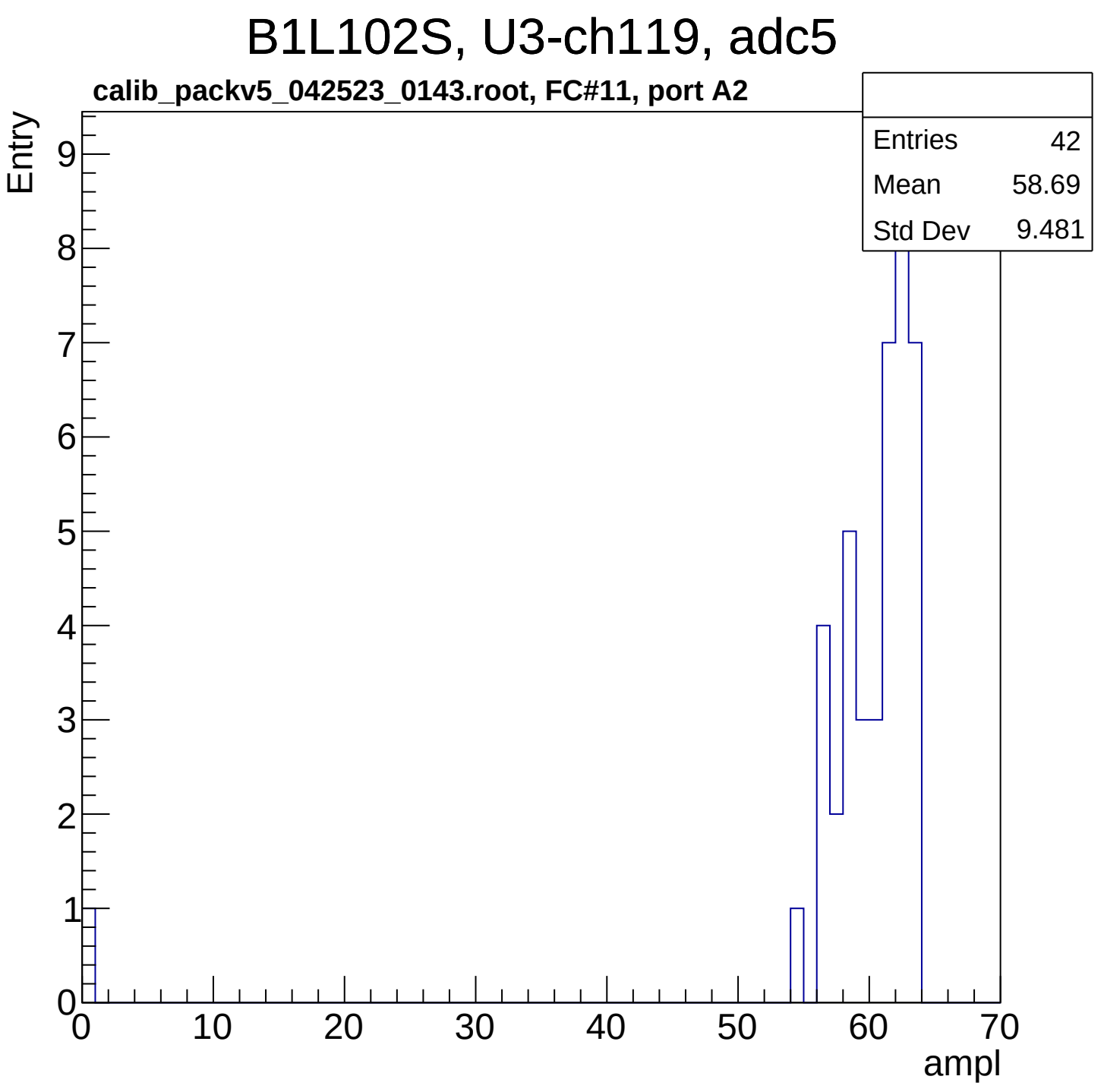
B1L102S, U3-ch119, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 58.69
Std Dev 9.481
Entry
ampl
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2
3
4
5
6
7
8
9
0
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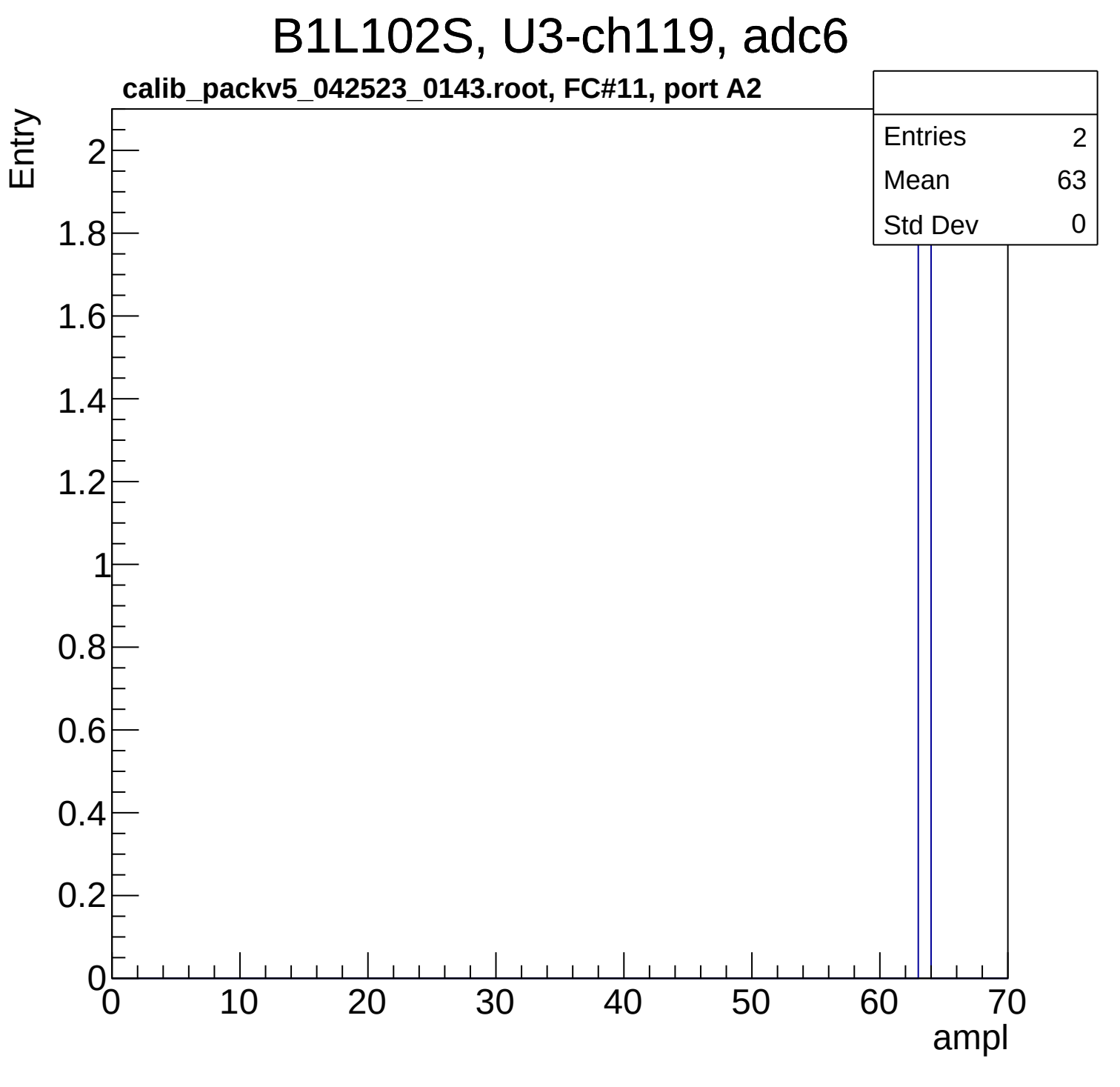
B1L102S, U3-ch119, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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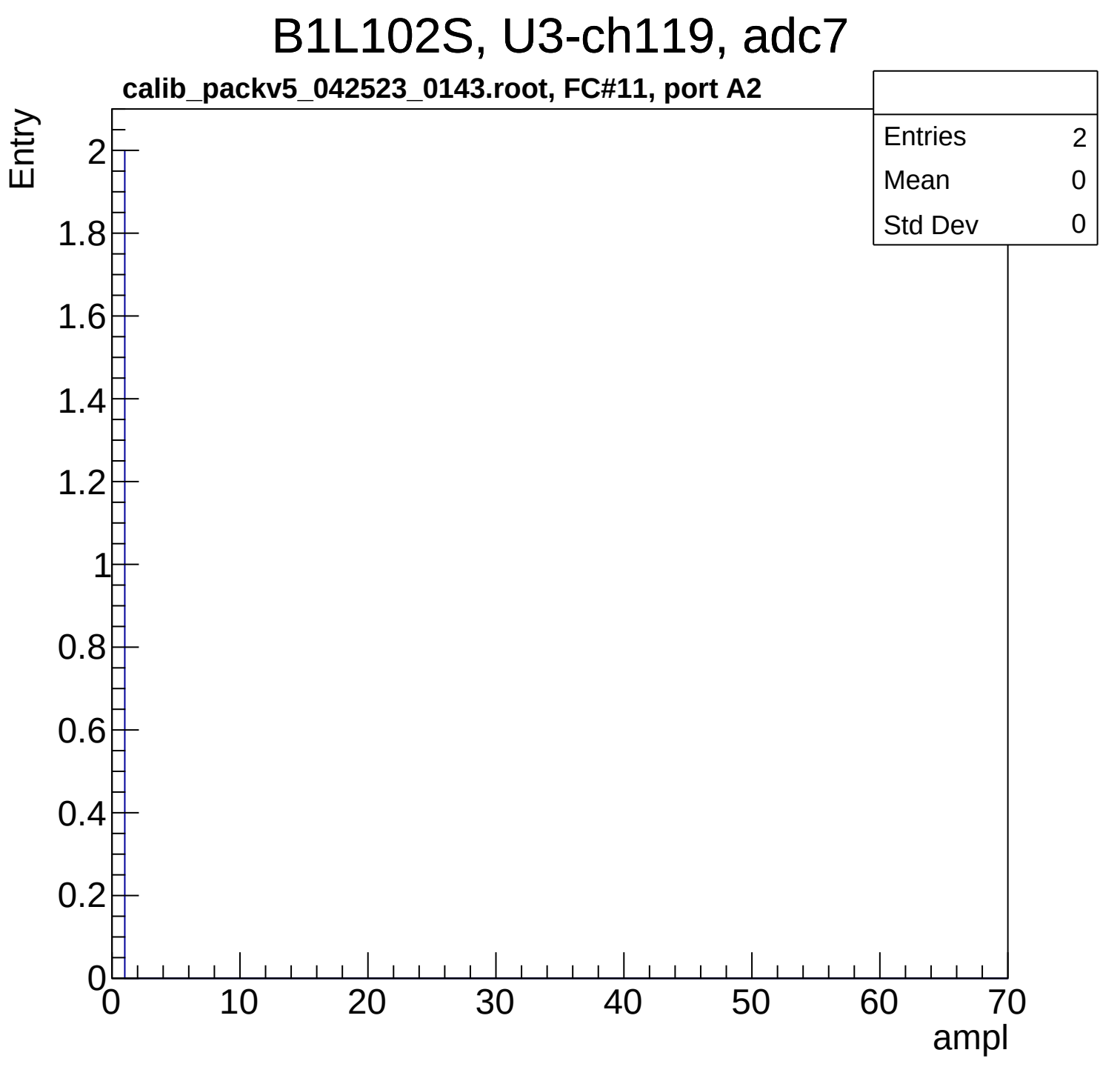
60
70


B1L102S, U3-ch119, 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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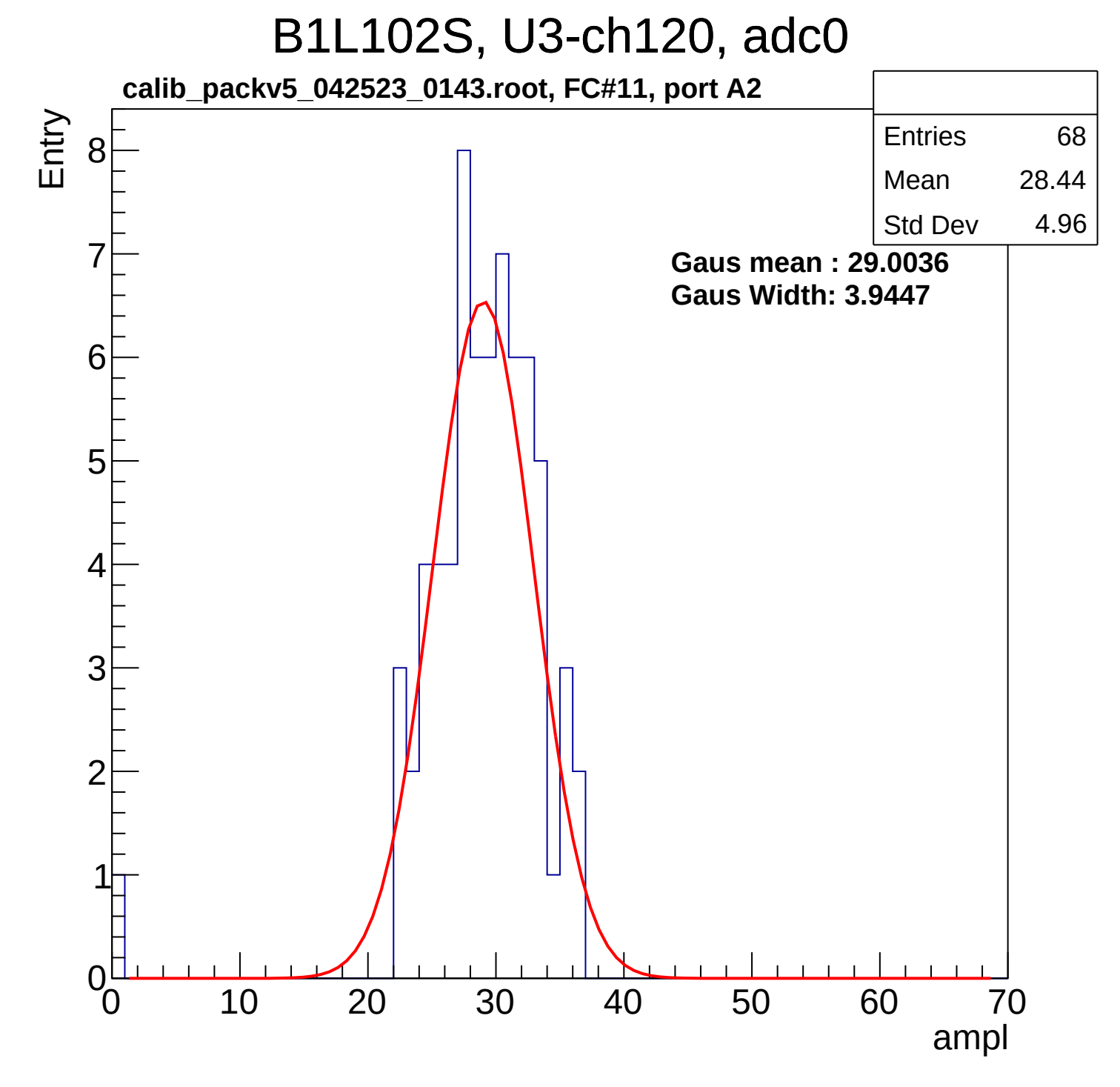
B1L102S, U3-ch120, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 28.44
Std Dev 4.96
Gaus mean : 29.0036
Gaus Width: 3.9447
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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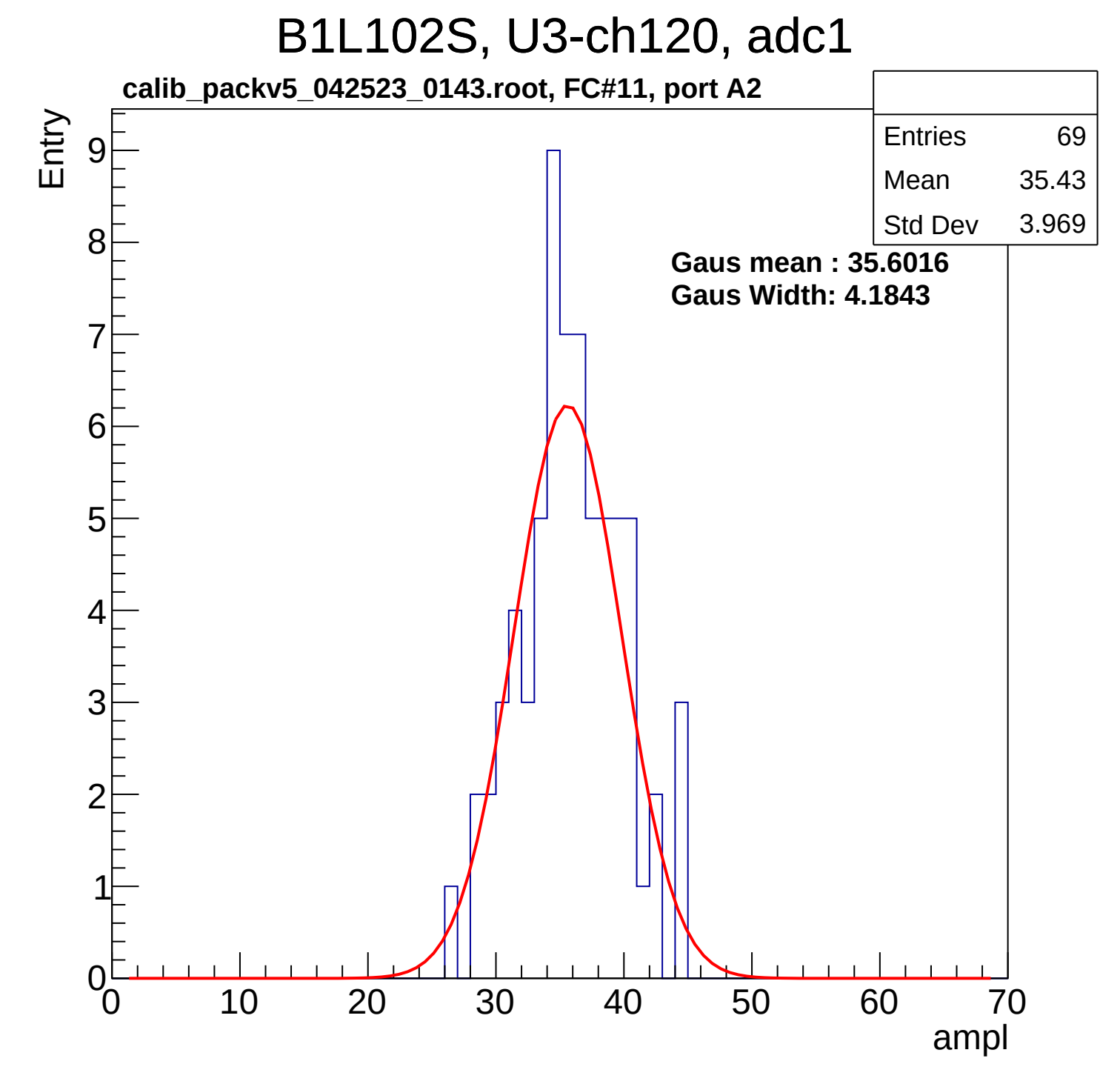
B1L102S, U3-ch120, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 35.43
Std Dev 3.969
Gaus mean : 35.6016
Gaus Width: 4.1843
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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60
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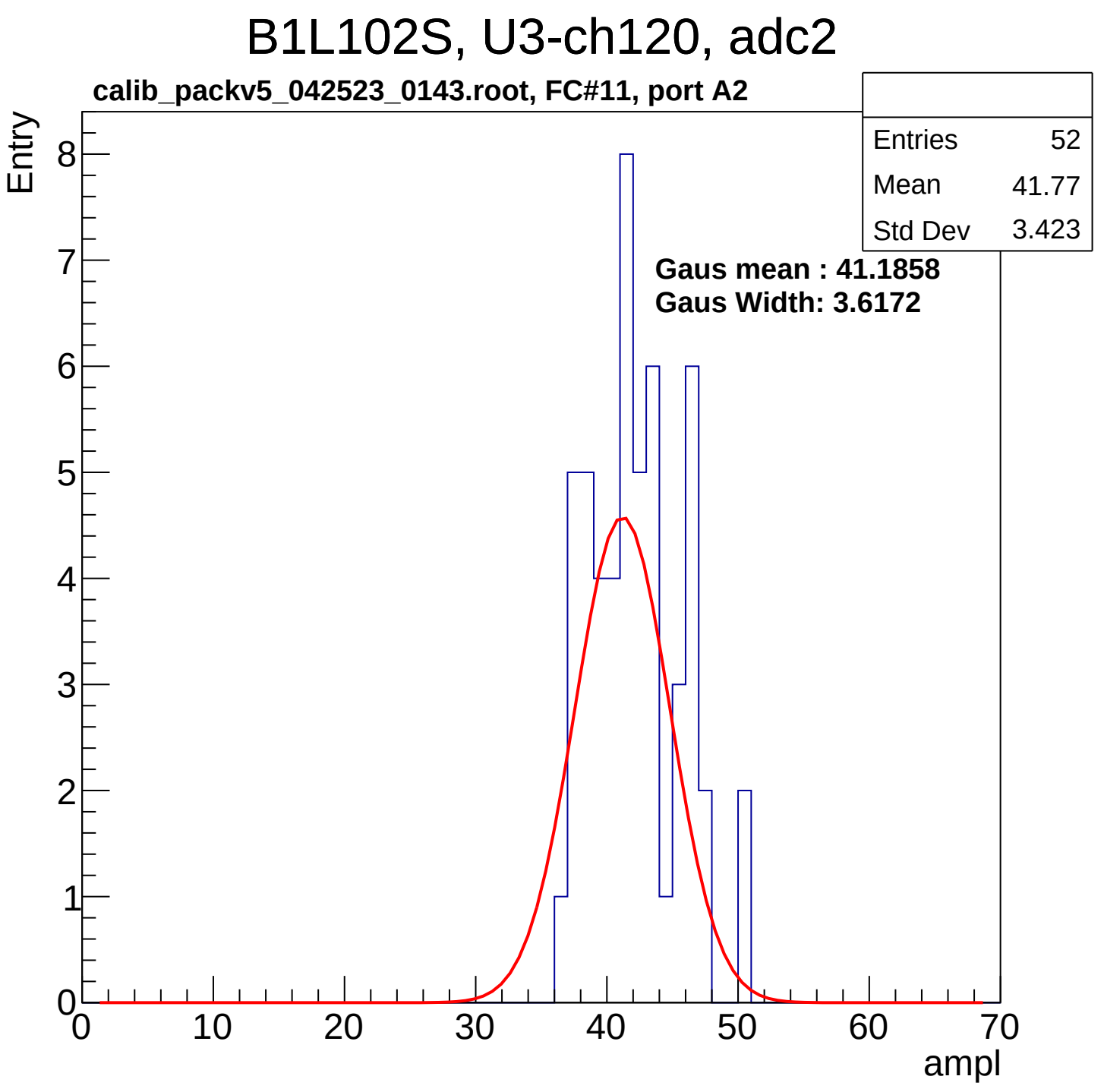
B1L102S, U3-ch120, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 41.77
Std Dev 3.423
Gaus mean : 41.1858
Gaus Width: 3.6172
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
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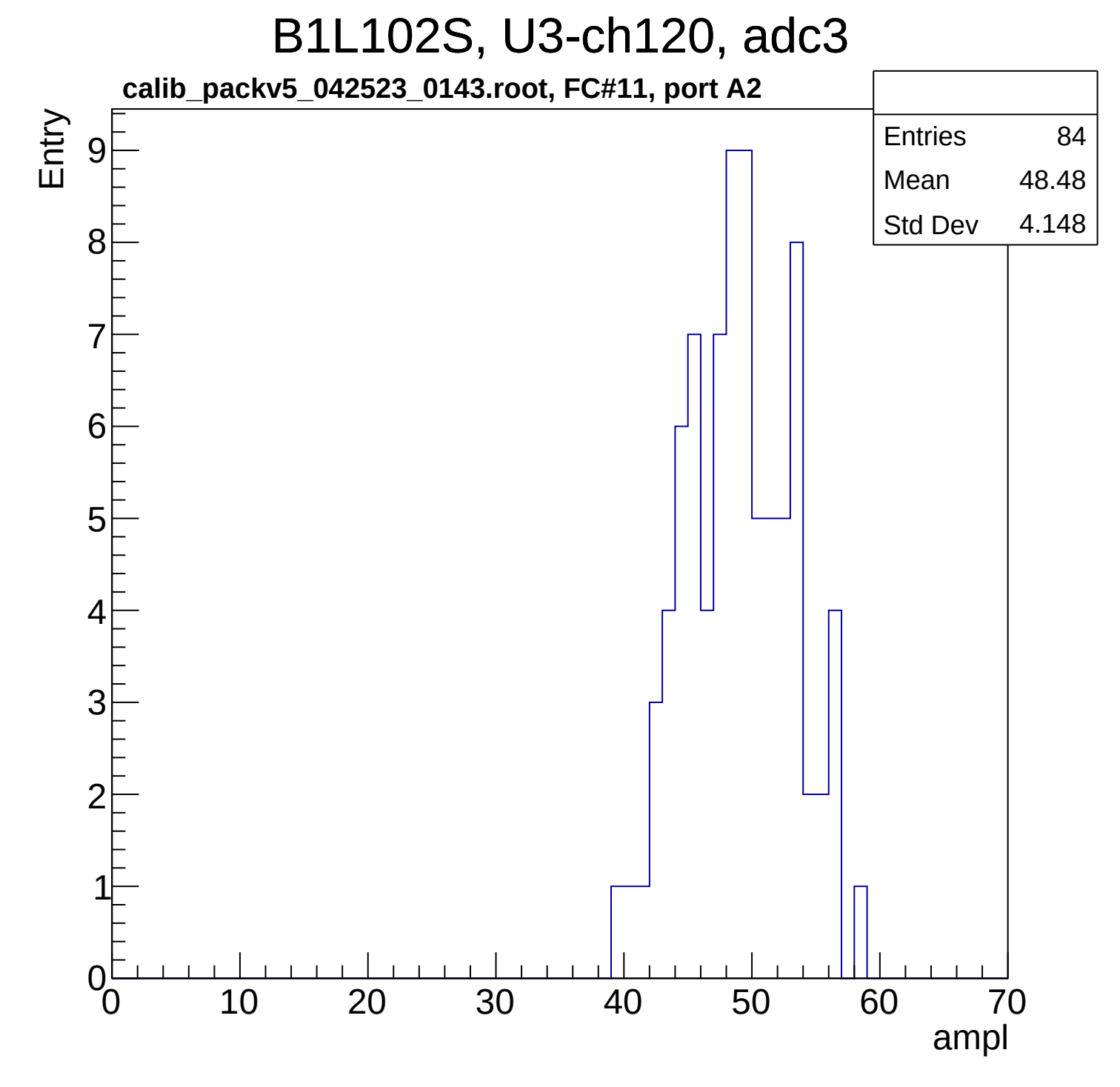
B1L102S, U3-ch120, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 48.48
Std Dev 4.148
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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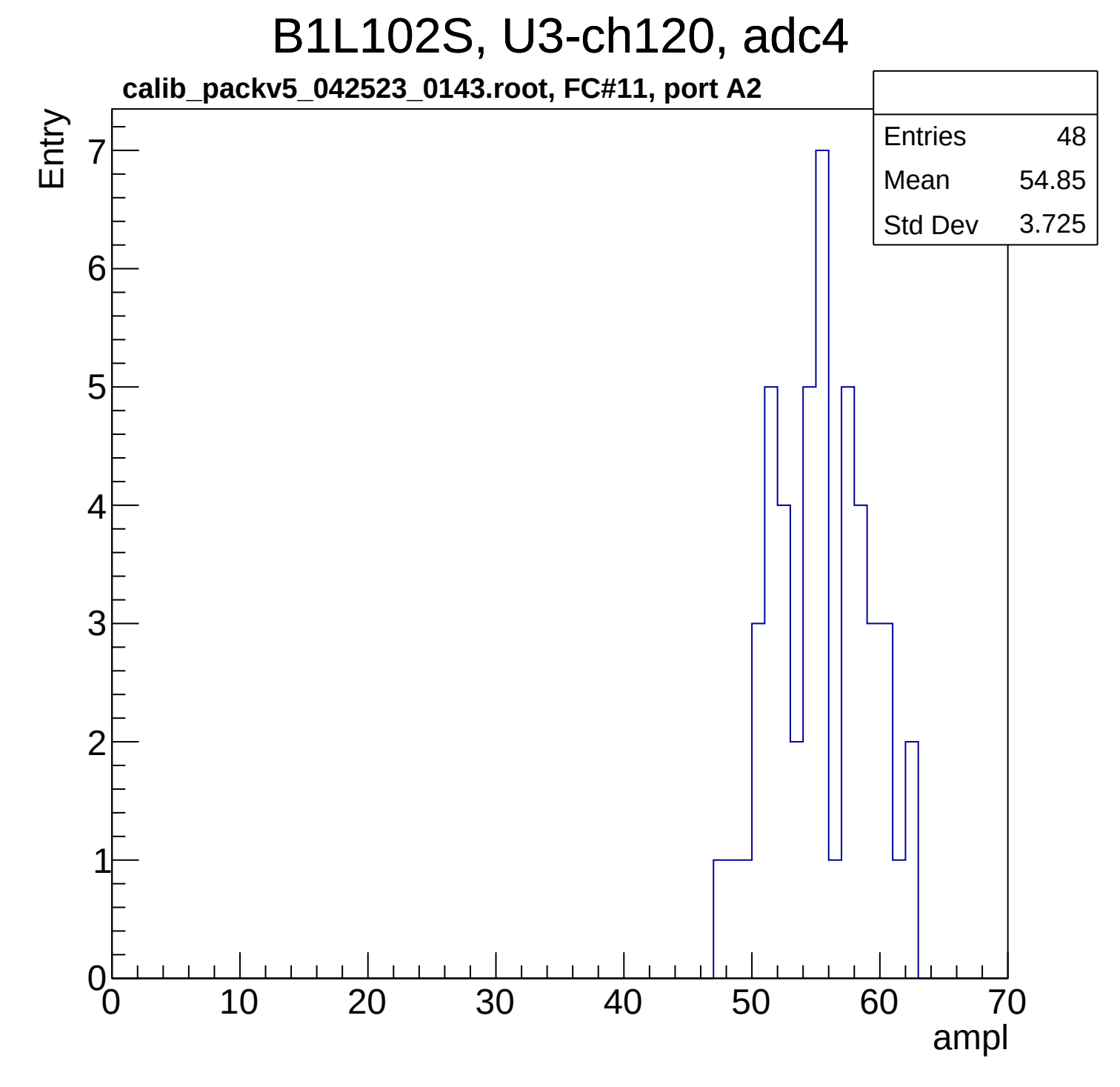
B1L102S, U3-ch120, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 54.85
Std Dev 3.725
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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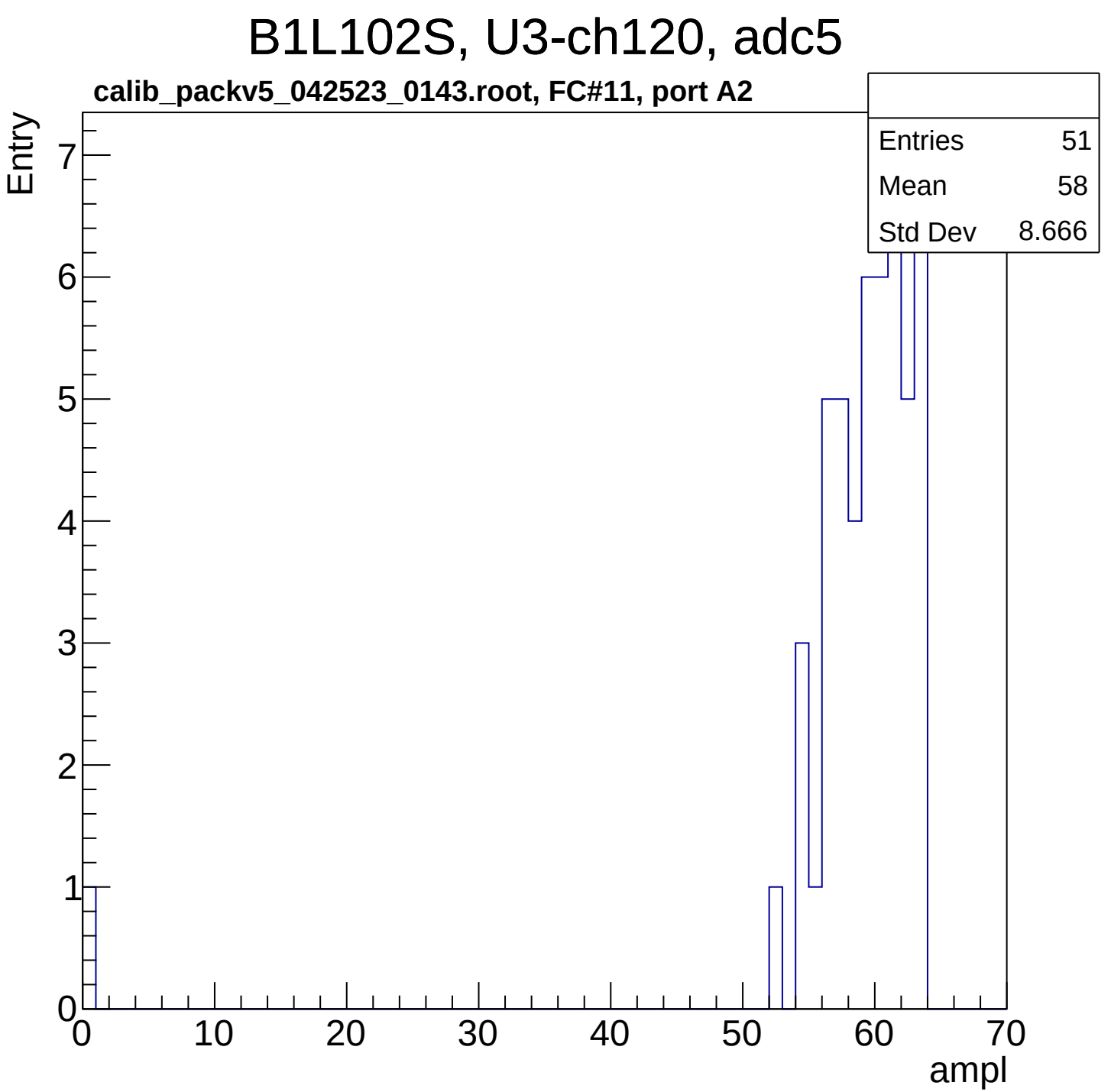
B1L102S, U3-ch120, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 58
Std Dev 8.666
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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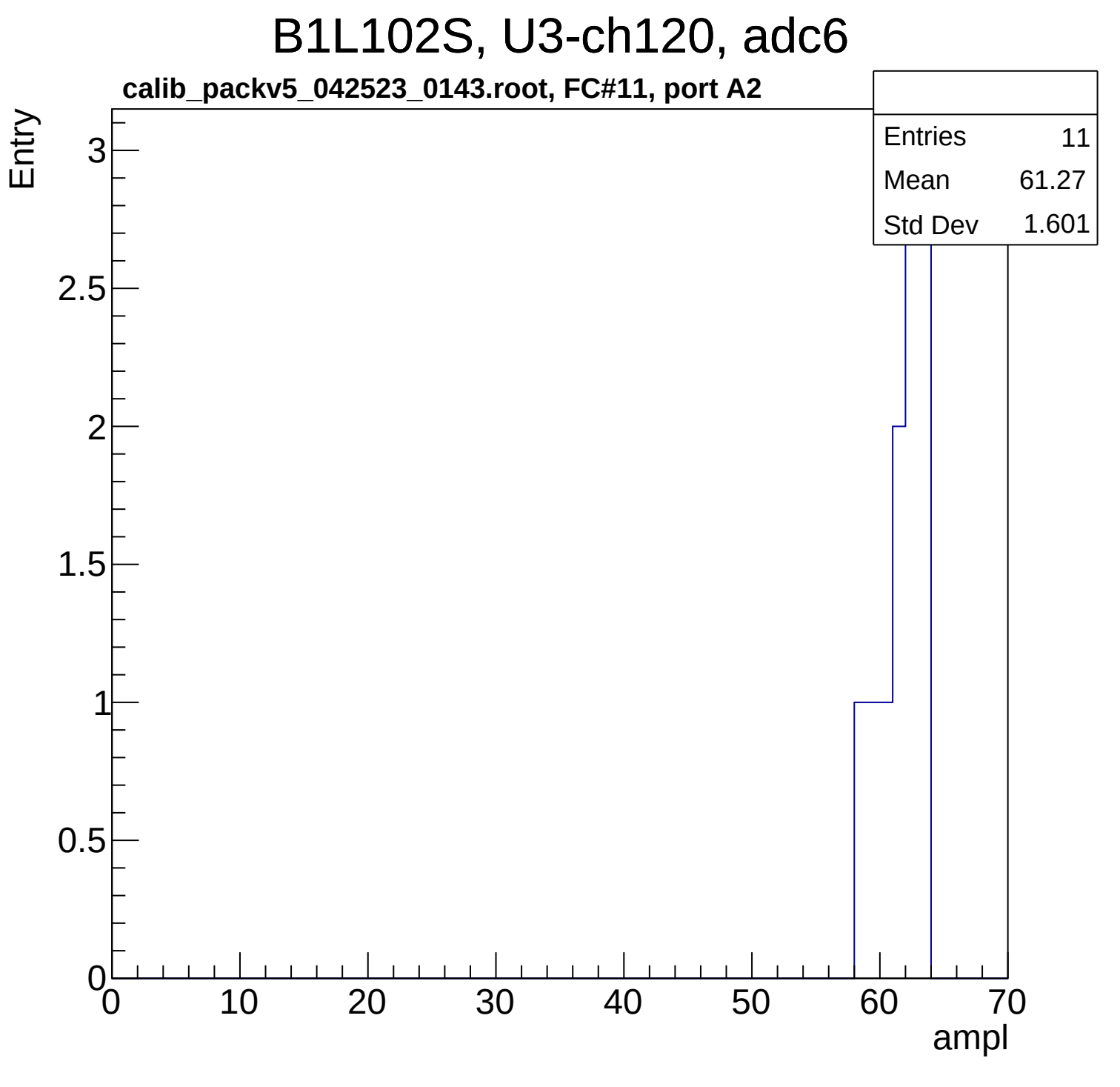
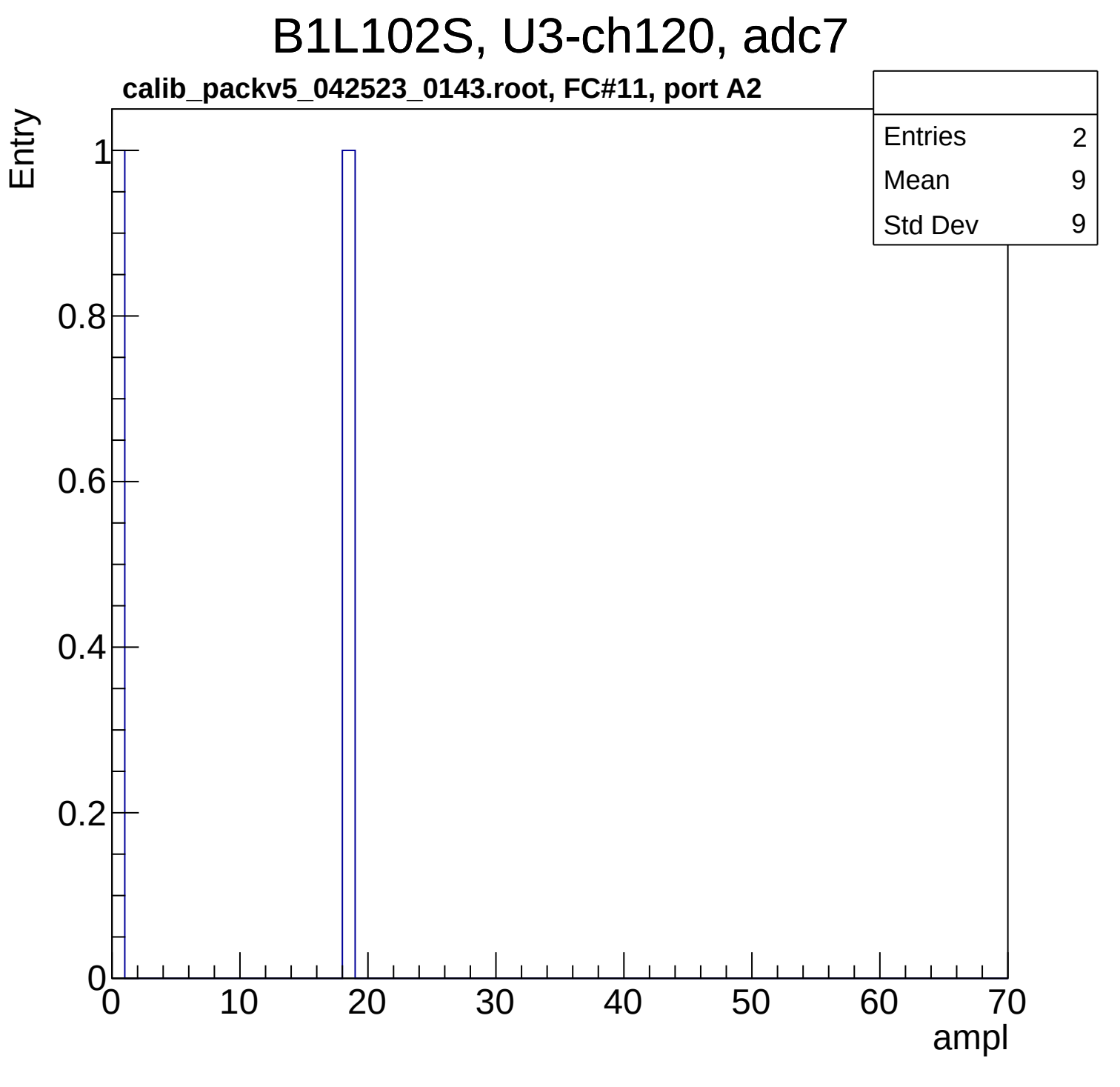
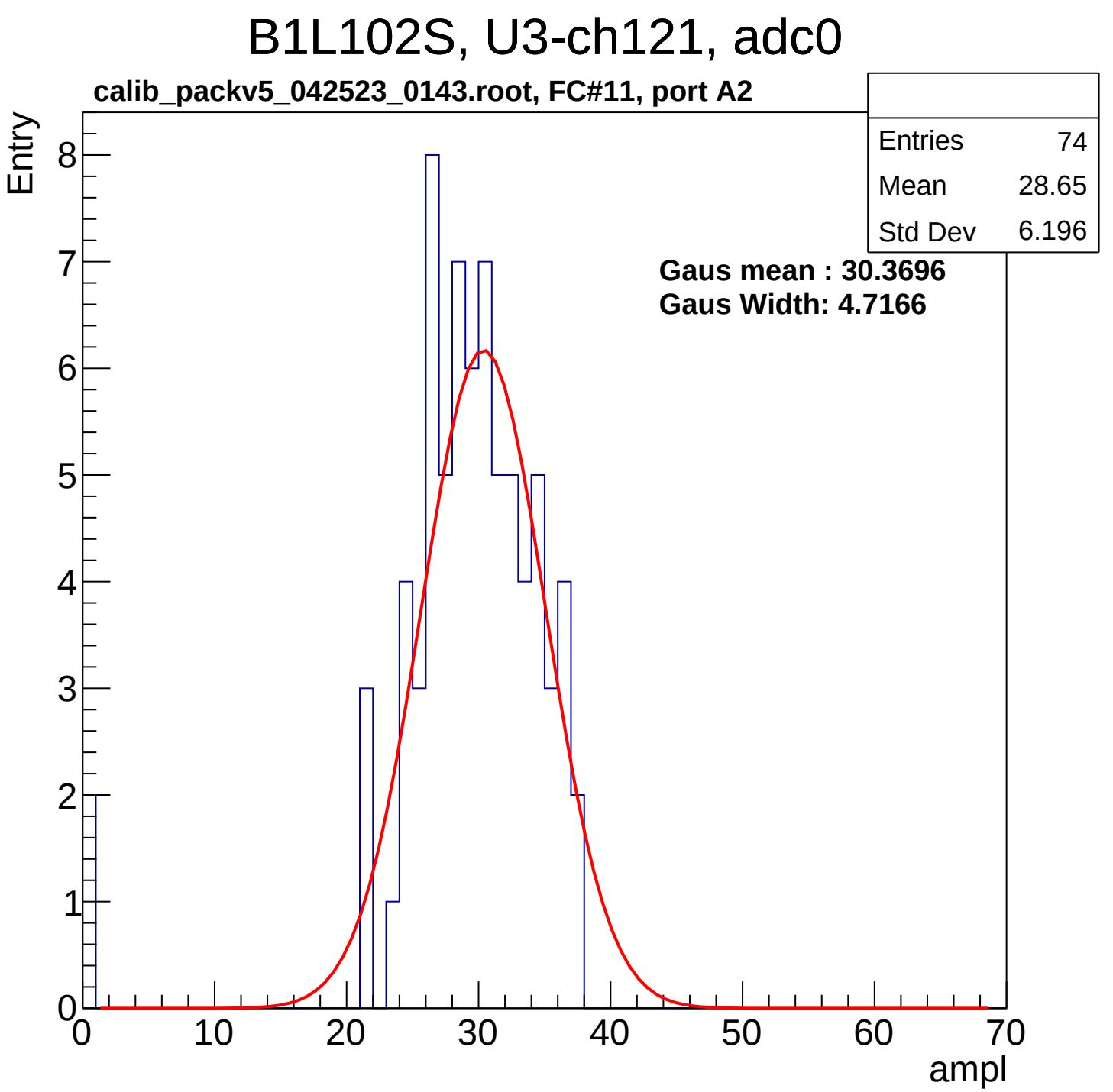
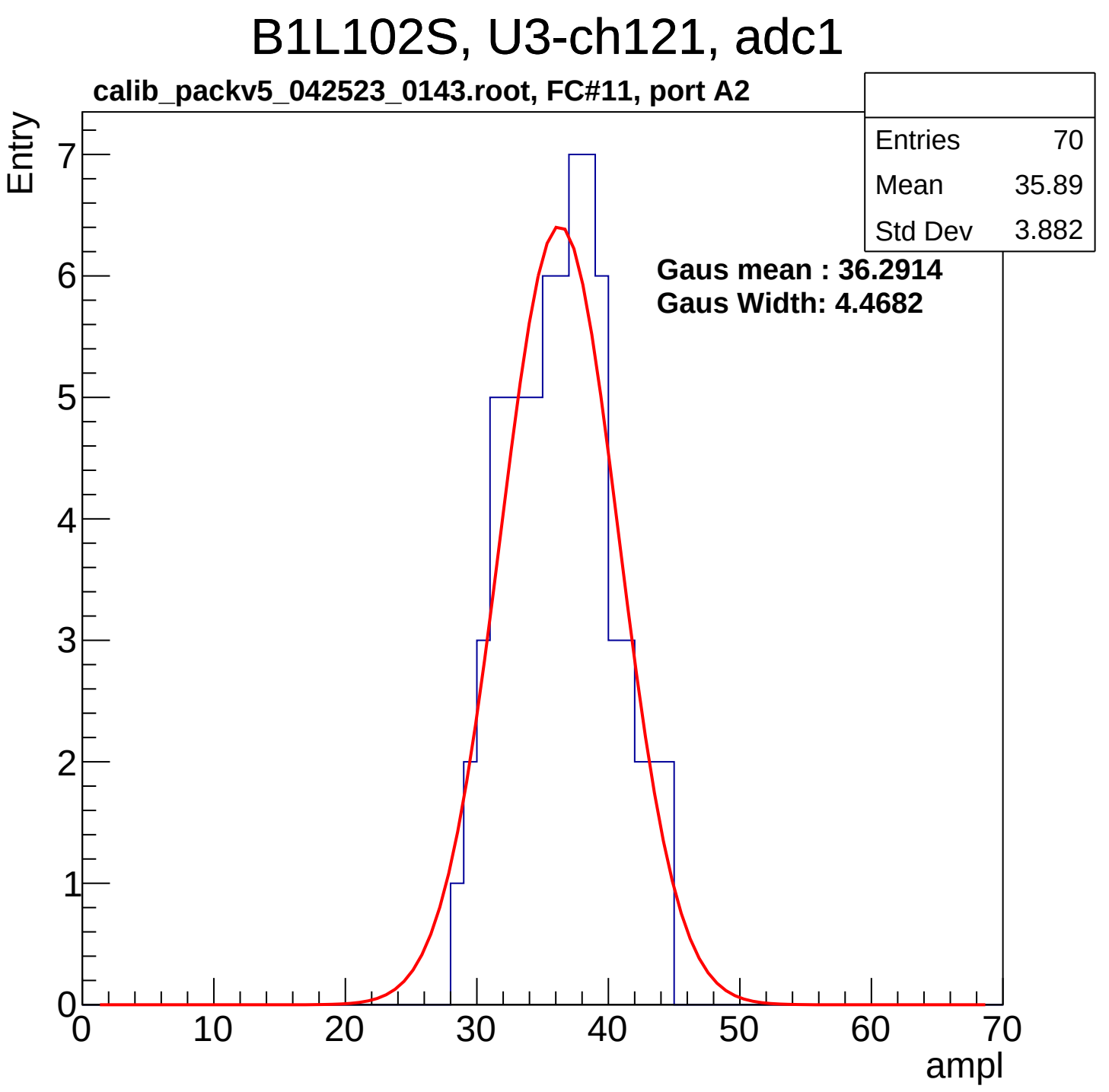
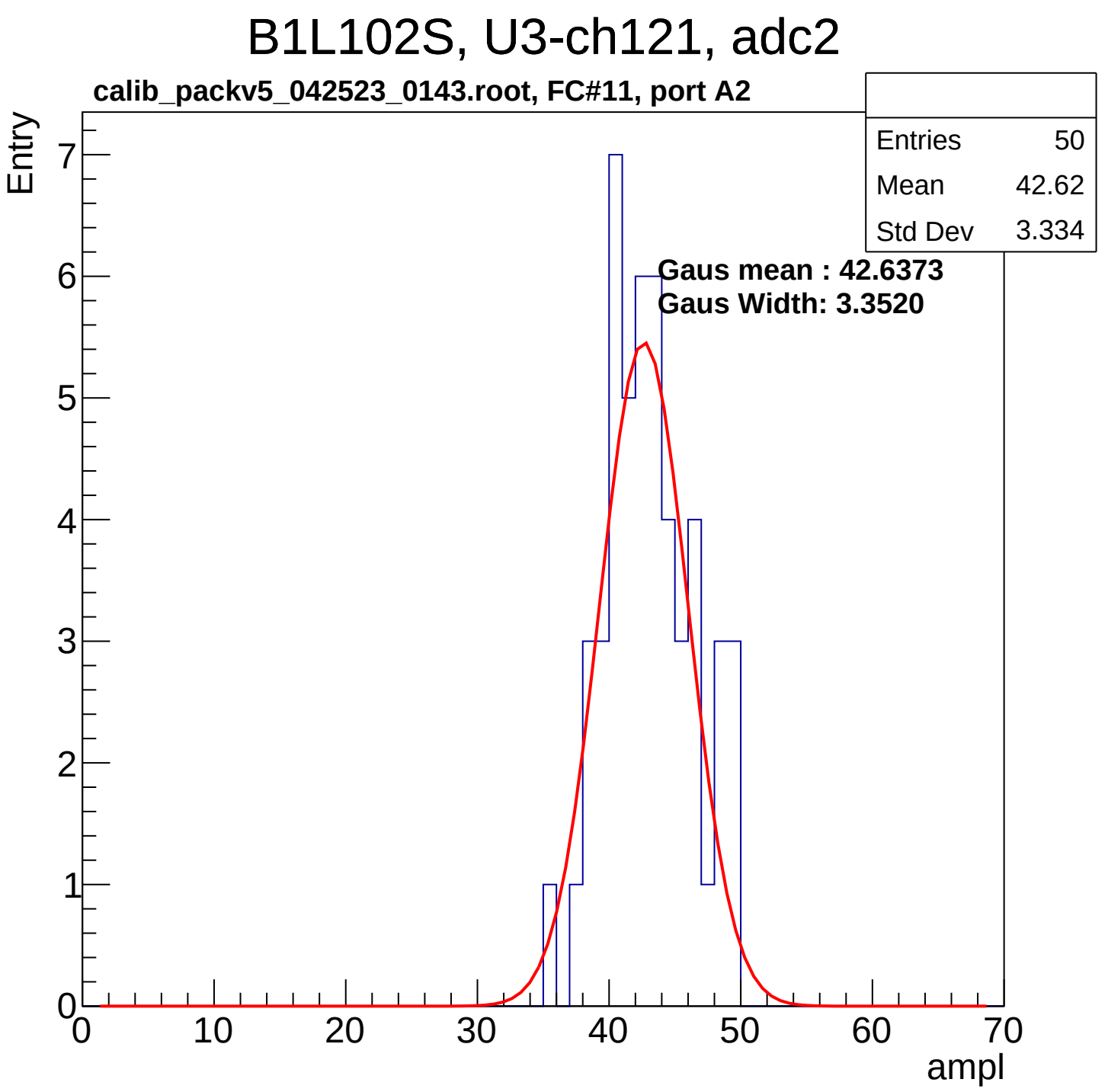
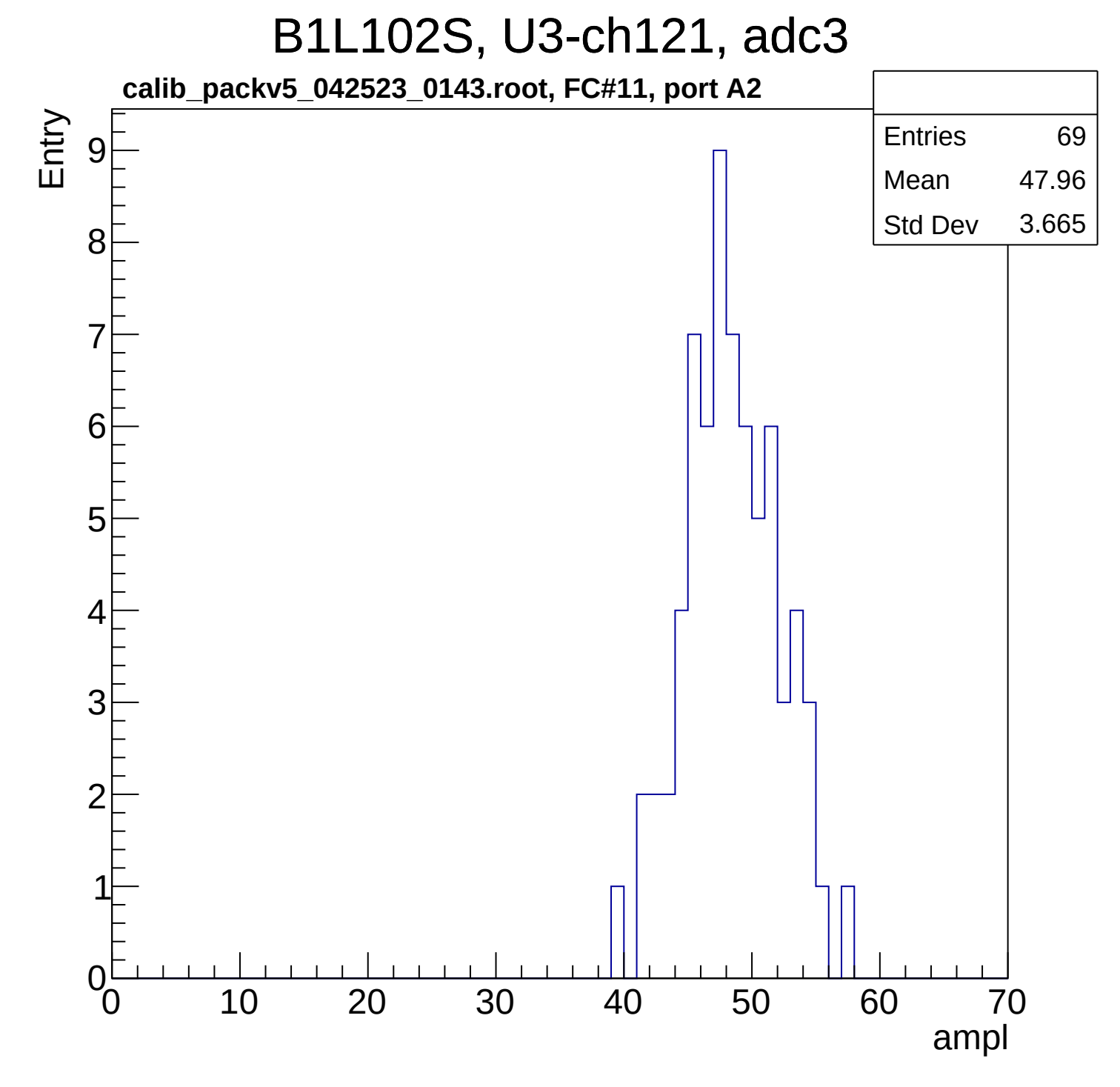

B1L102S, U3-ch120, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 61.27
Std Dev 1.601
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U3-ch120, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 9
Std Dev 9
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch121, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 28.65
Std Dev 6.196
Gaus mean : 30.3696
Gaus Width: 4.7166
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch121, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 35.89
Std Dev 3.882
Gaus mean : 36.2914
Gaus Width: 4.4682
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch121, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 42.62
Std Dev 3.334
Gaus mean : 42.6373
Gaus Width: 3.3520
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch121, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 47.96
Std Dev 3.665
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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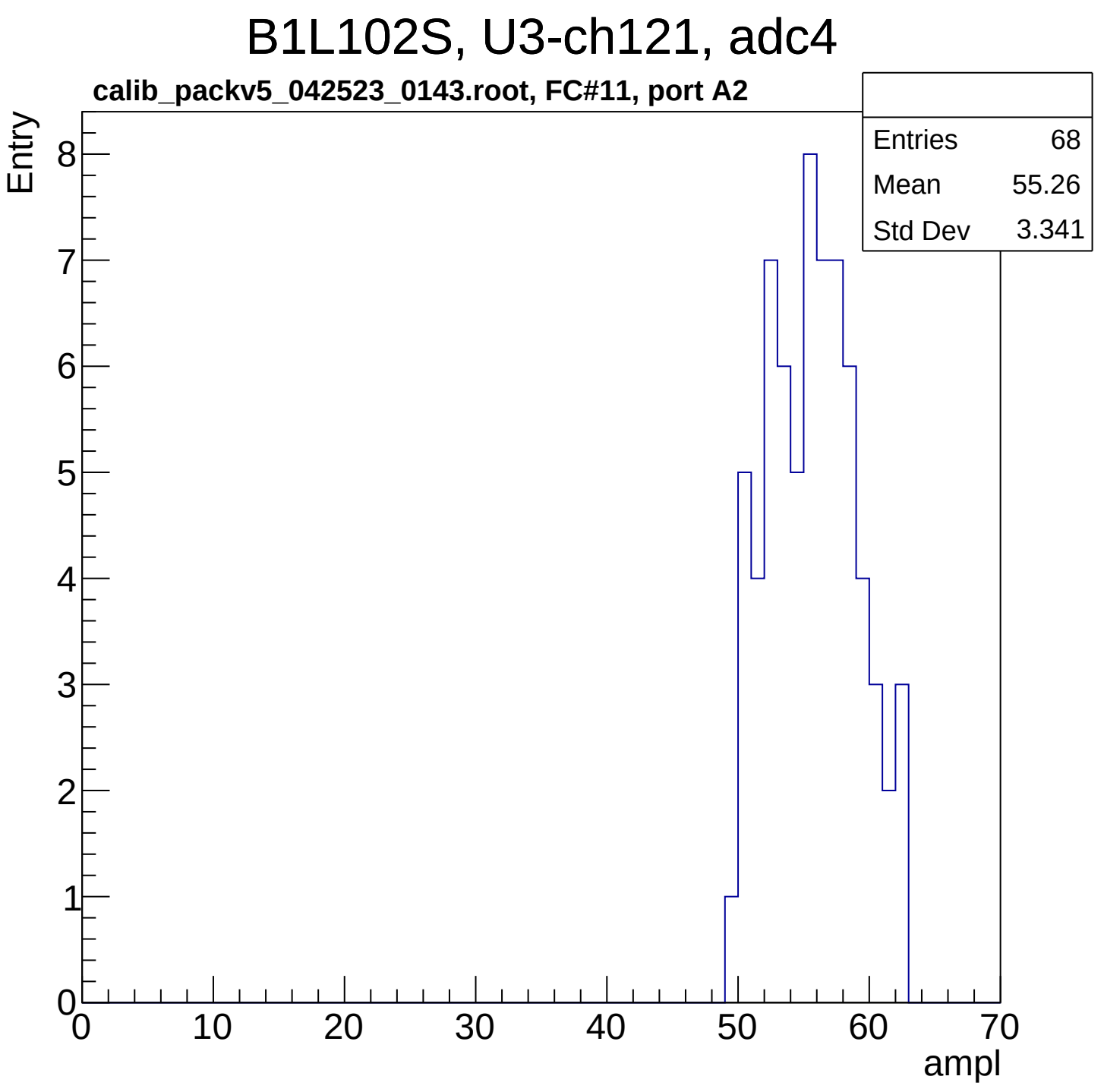
B1L102S, U3-ch121, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 55.26
Std Dev 3.341
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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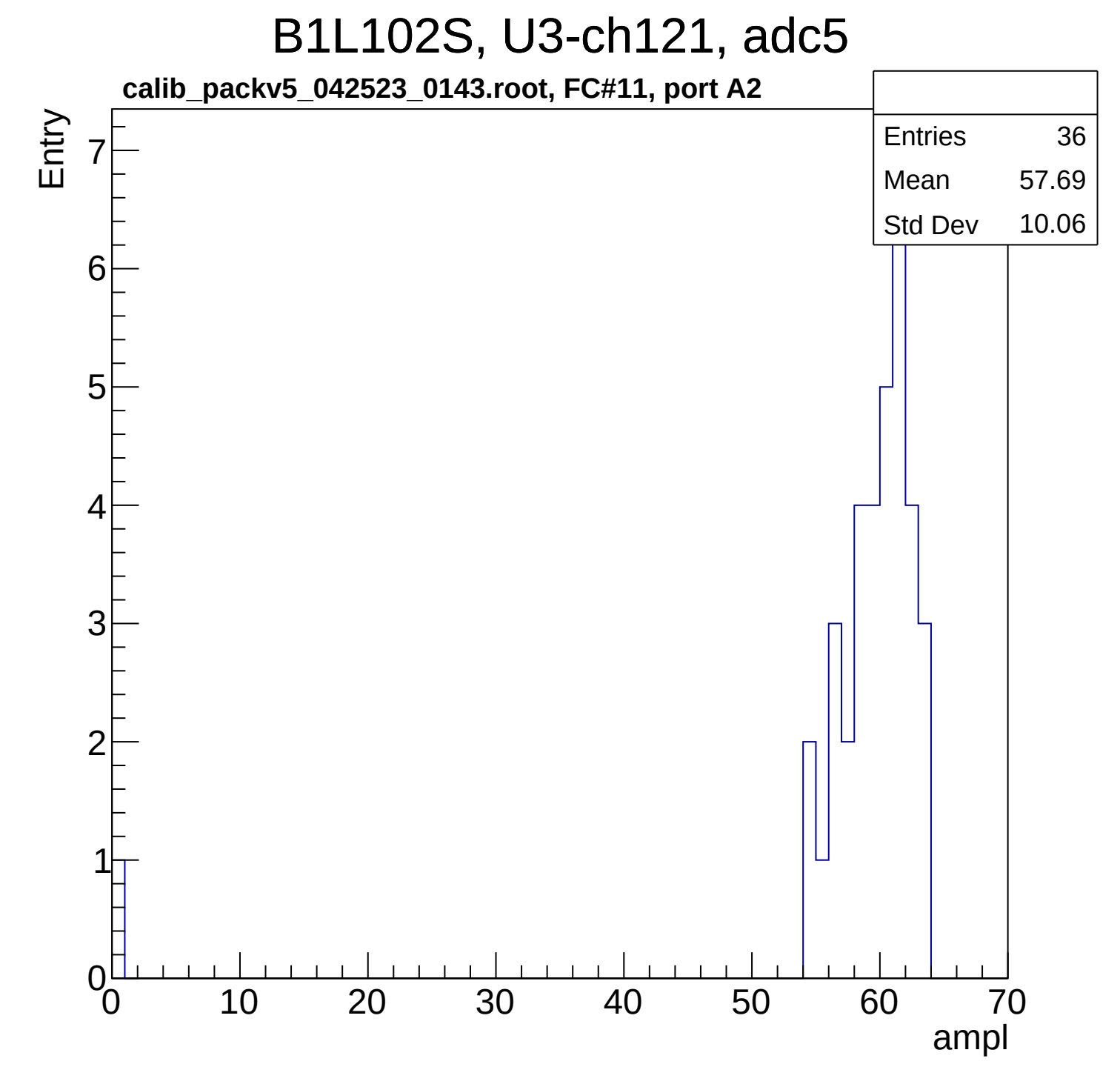
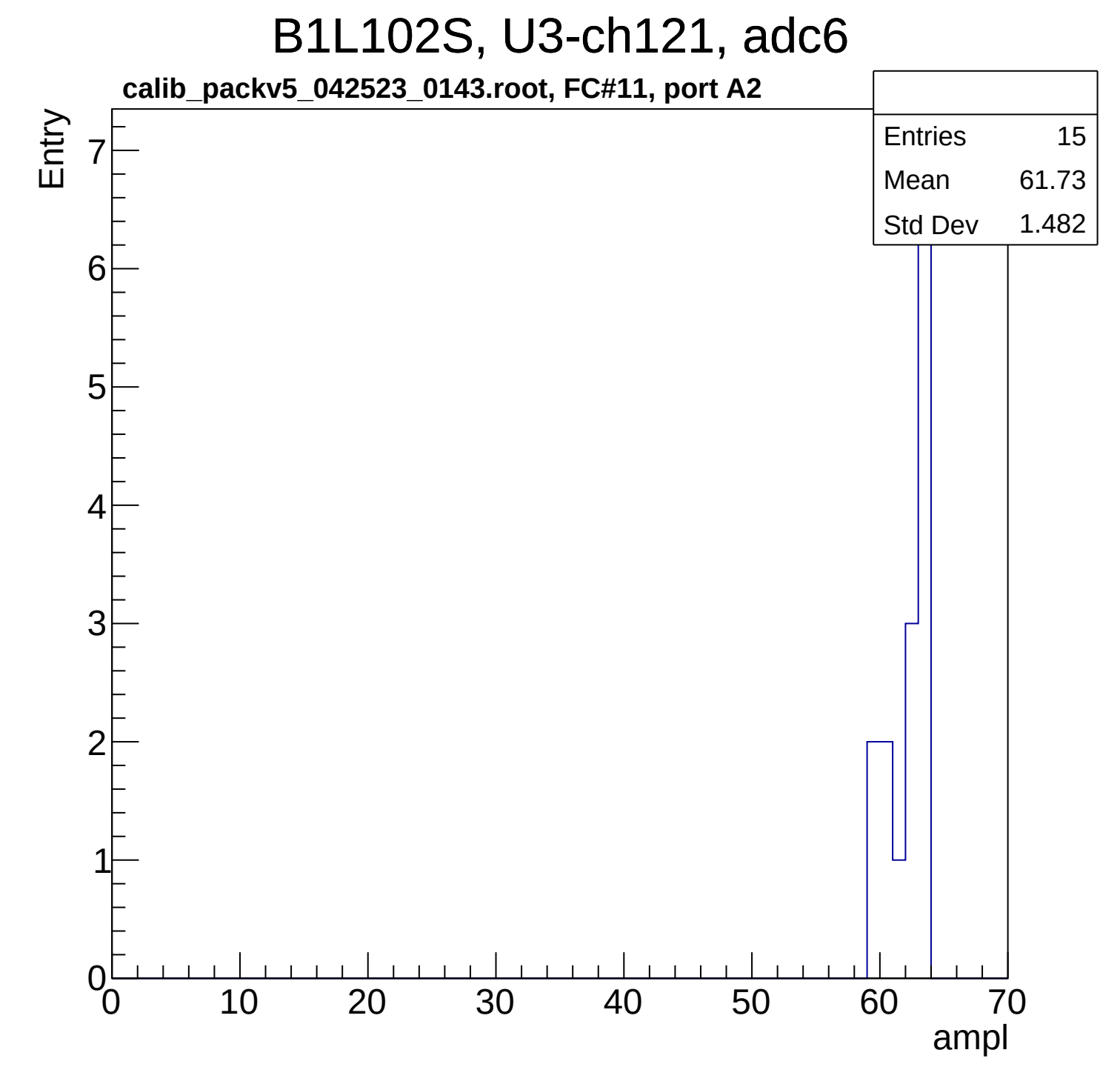

B1L102S, U3-ch121, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 36
Mean 57.69
Std Dev 10.06
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch121, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 61.73
Std Dev 1.482
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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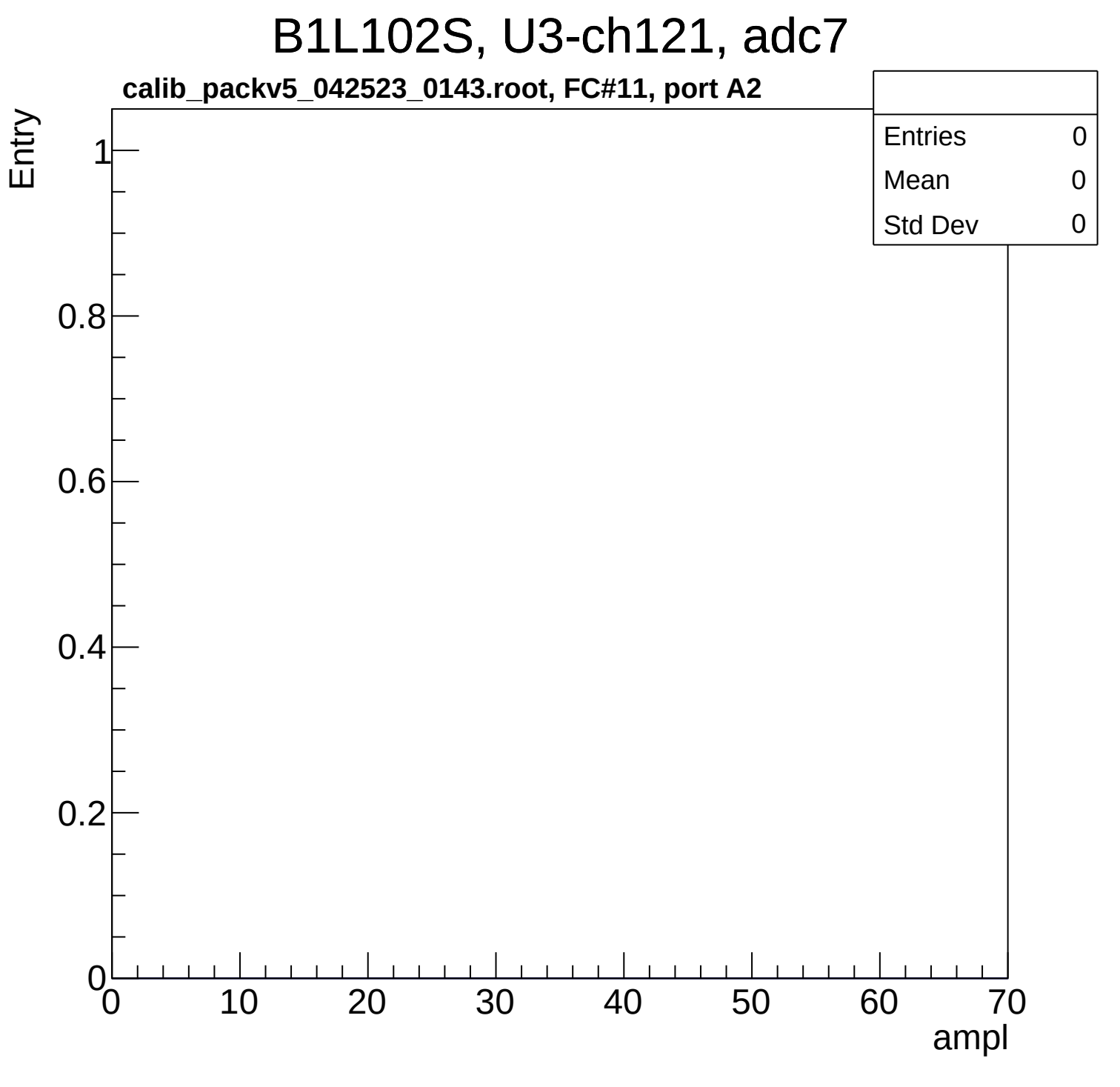
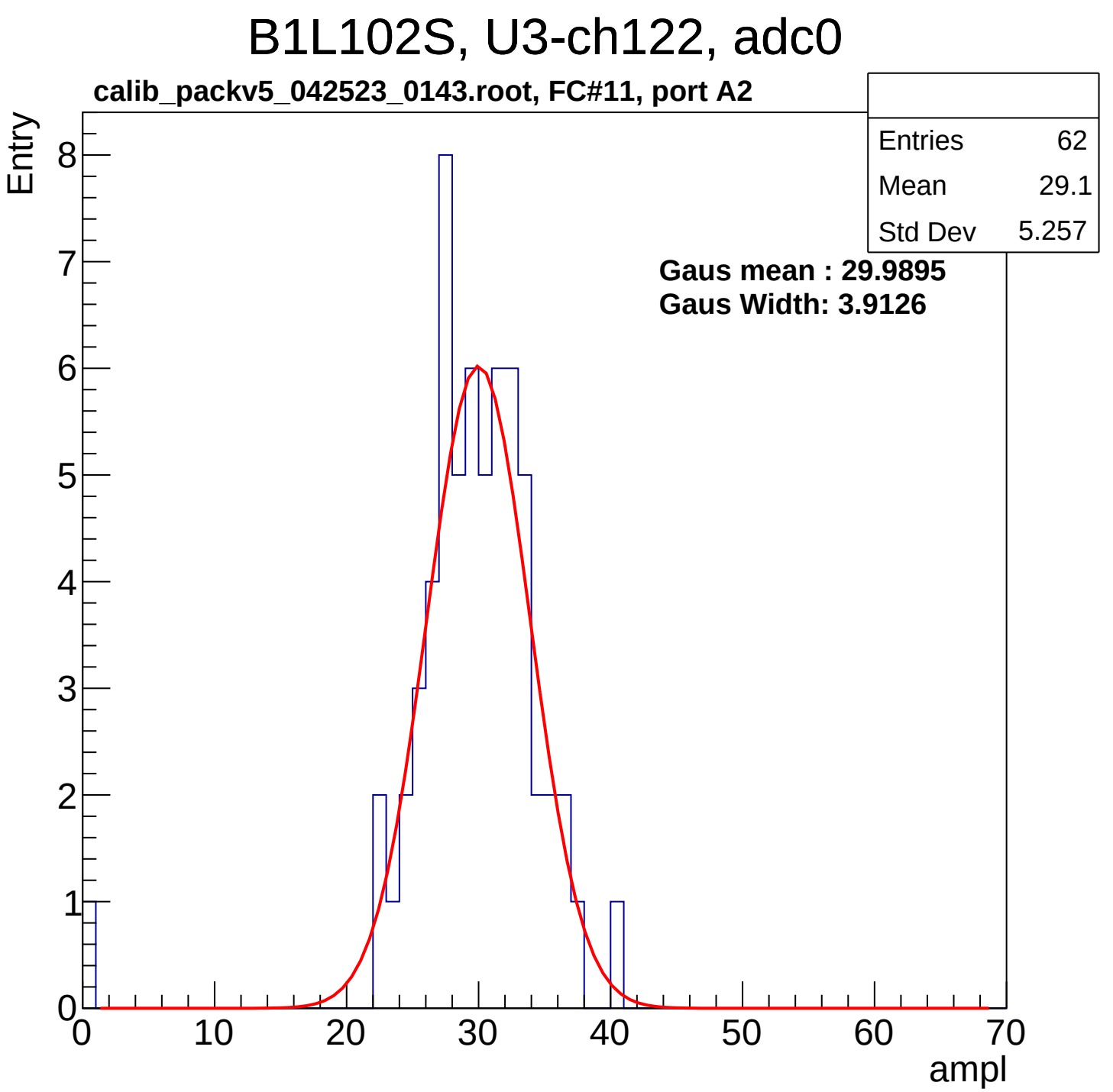
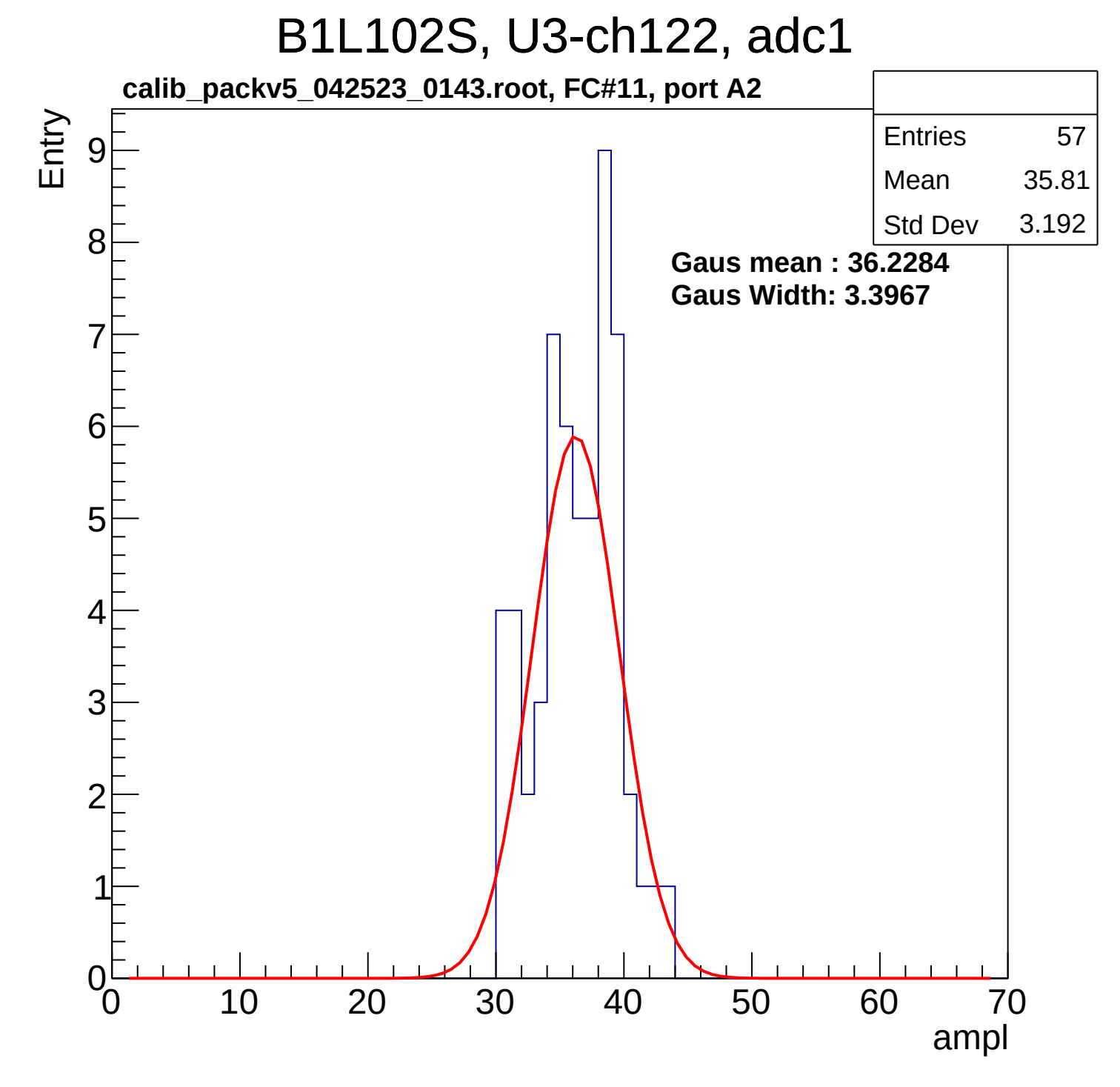
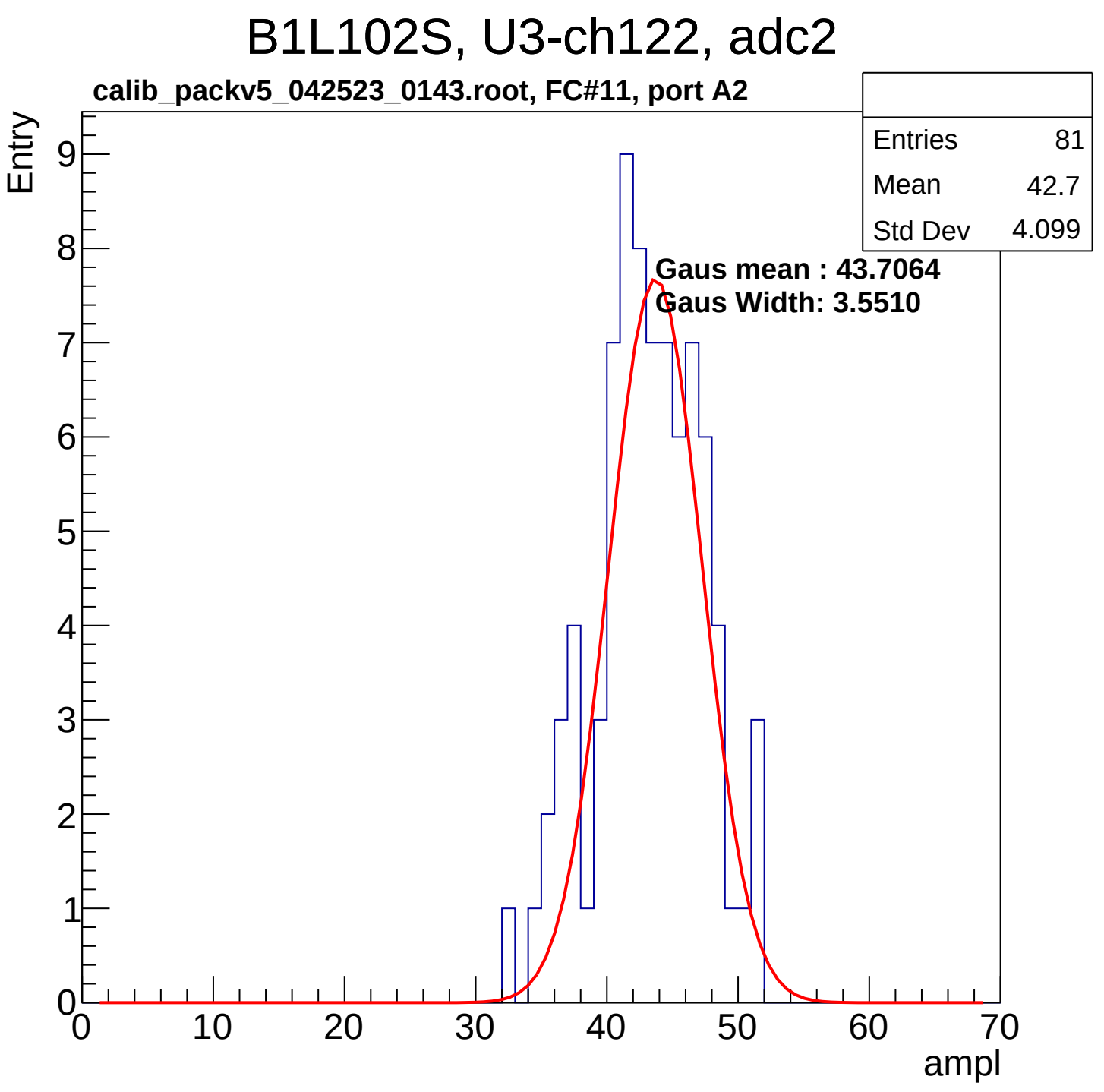
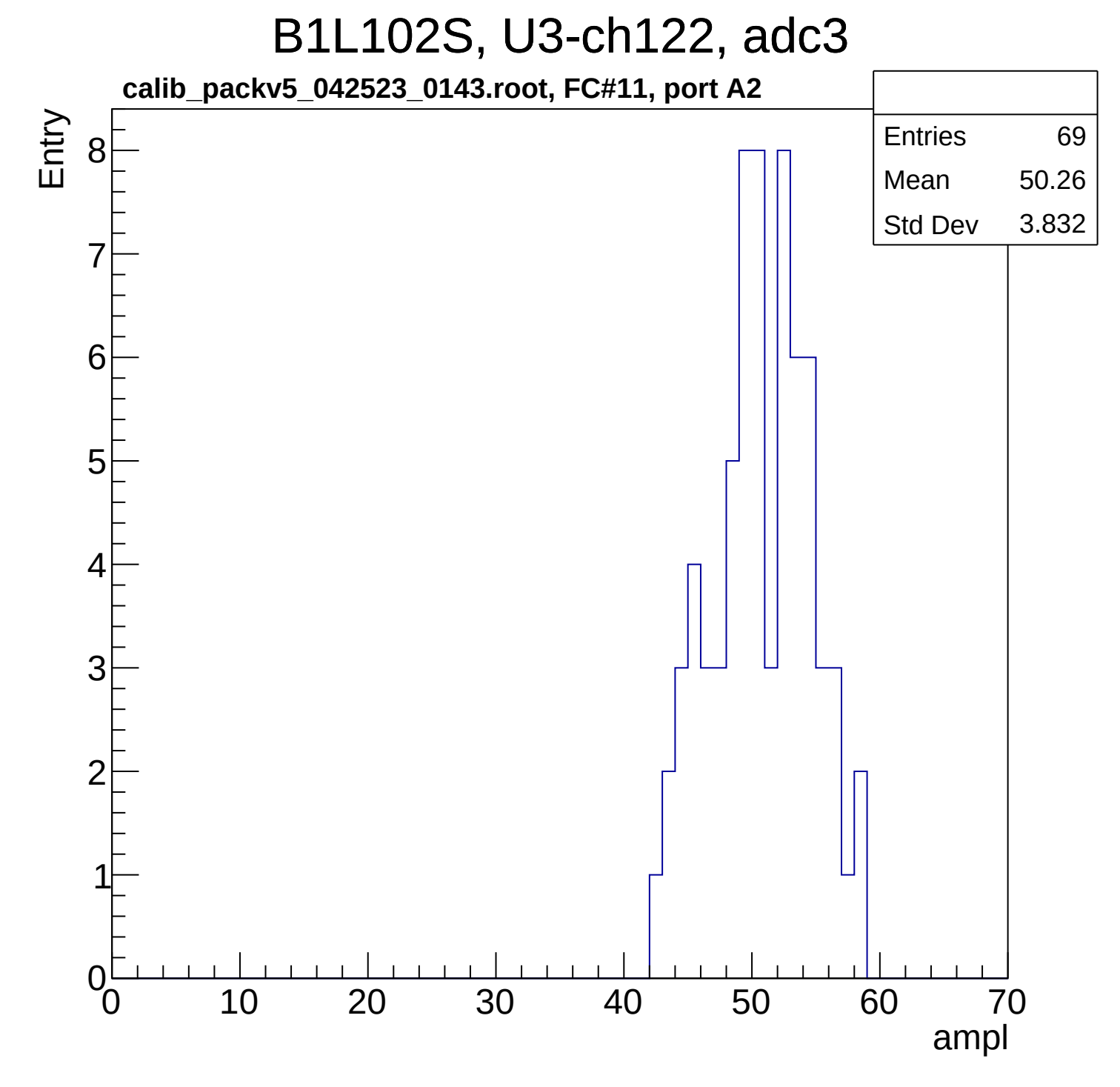

B1L102S, U3-ch121, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch122, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 29.1
Std Dev 5.257
Gaus mean : 29.9895
Gaus Width: 3.9126
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch122, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 35.81
Std Dev 3.192
Gaus mean : 36.2284
Gaus Width: 3.3967
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch122, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 42.7
Std Dev 4.099
Gaus mean : 43.7064
Gaus Width: 3.5510
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch122, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 50.26
Std Dev 3.832
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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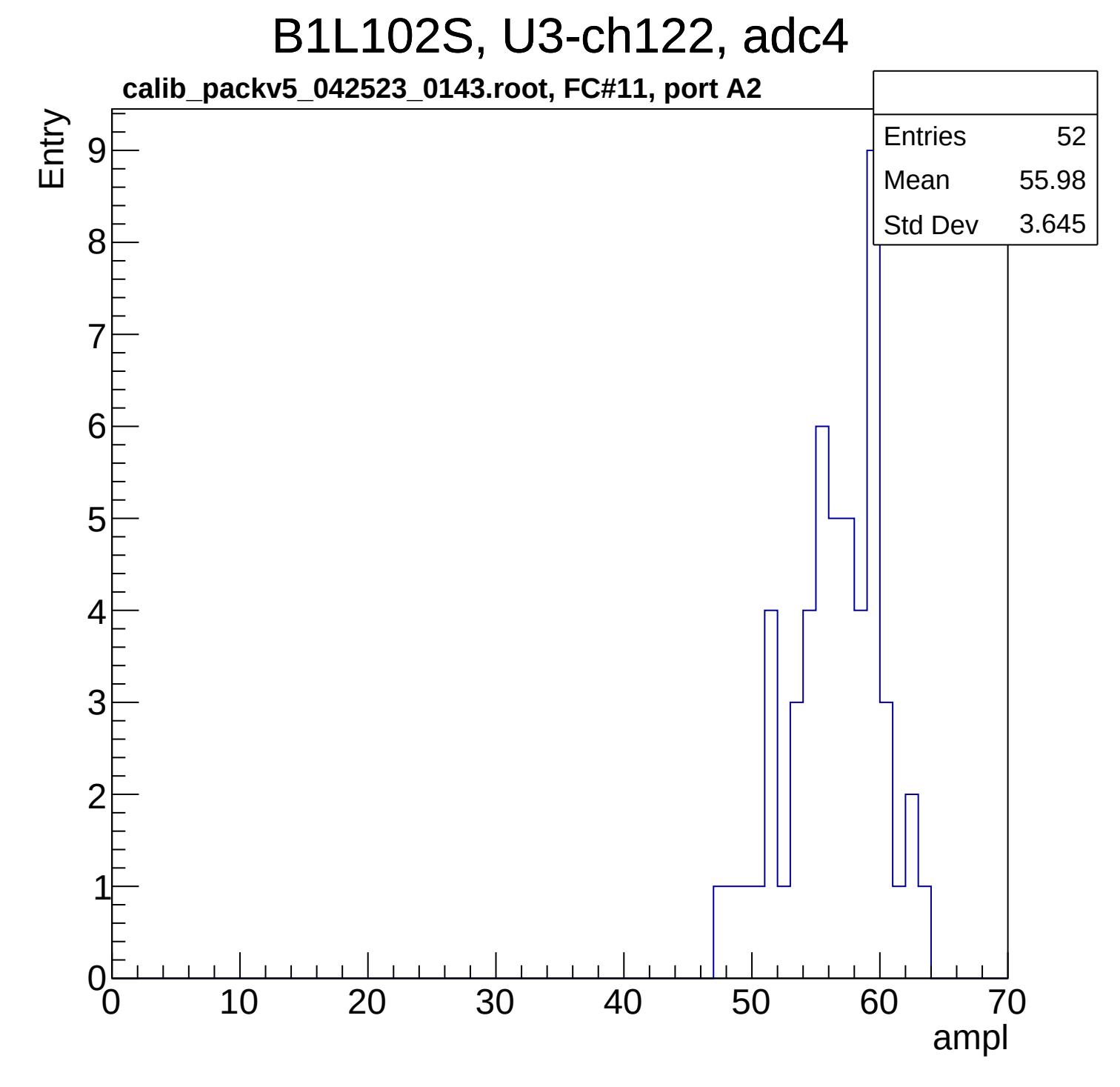
40
50
60
70


B1L102S, U3-ch122, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 55.98
Std Dev 3.645
Entry
ampl
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1
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3
4
5
6
7
8
9
0
10
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40
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60
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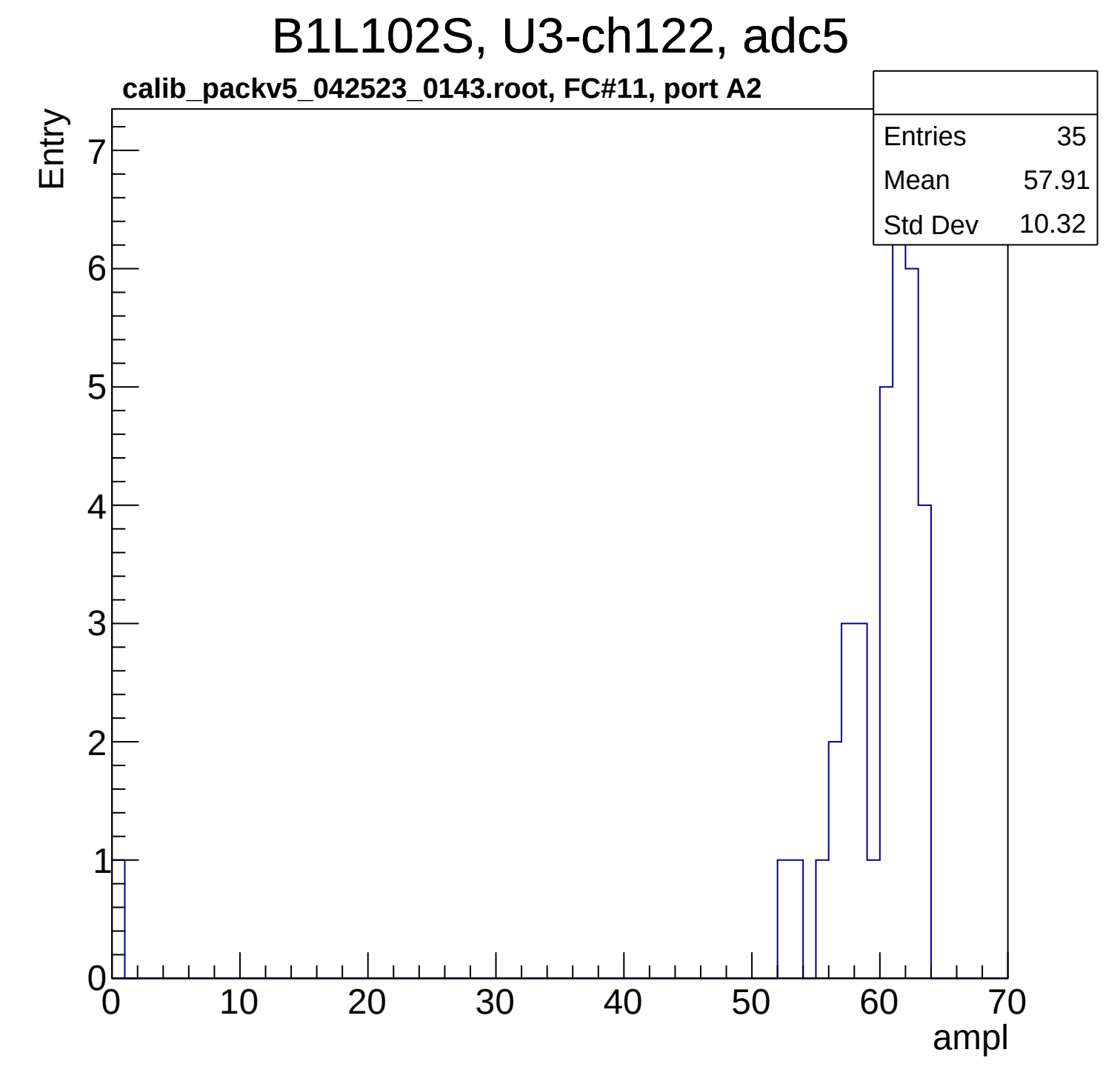
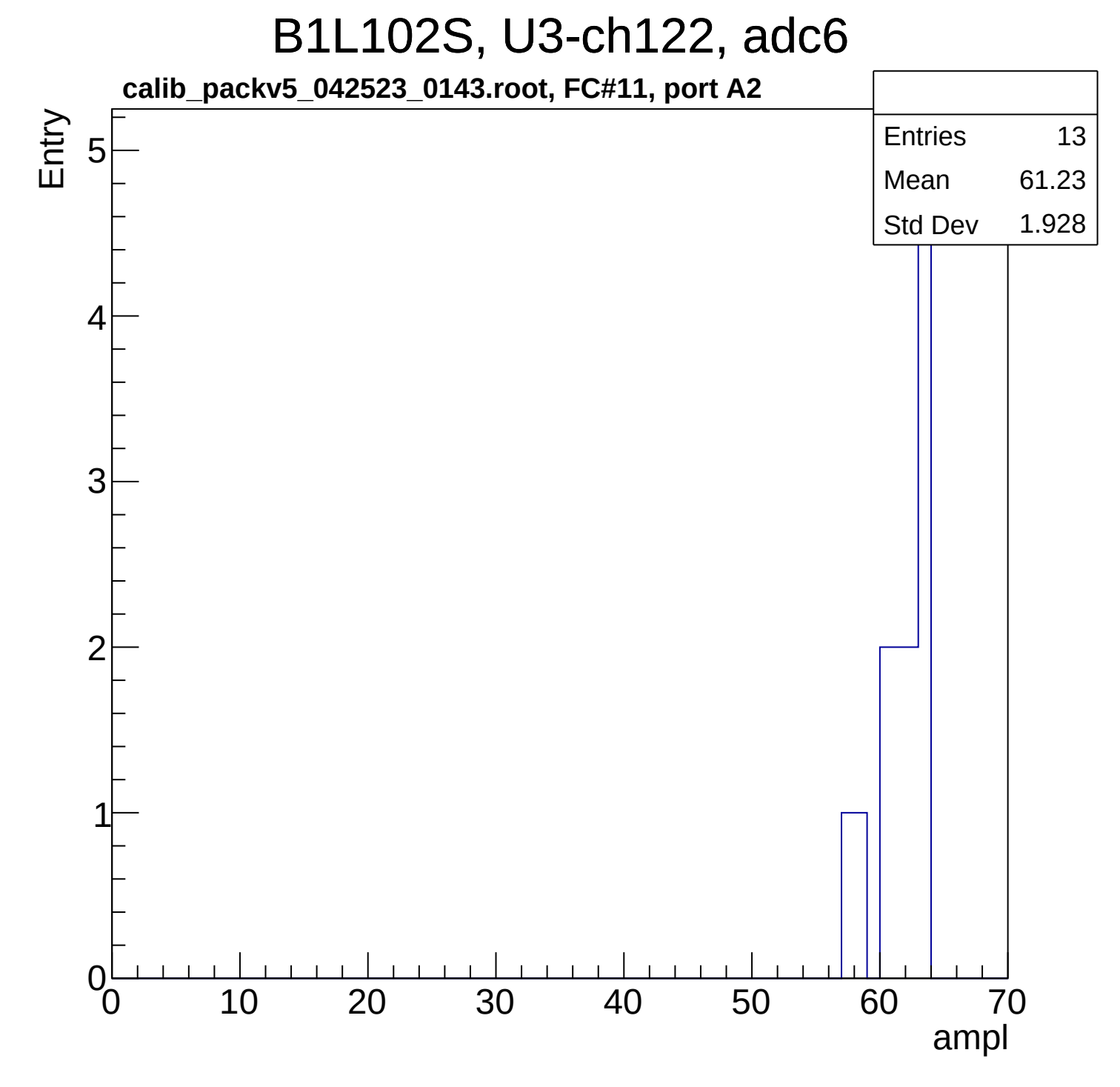

B1L102S, U3-ch122, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 35
Mean 57.91
Std Dev 10.32
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch122, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.23
Std Dev 1.928
Entry
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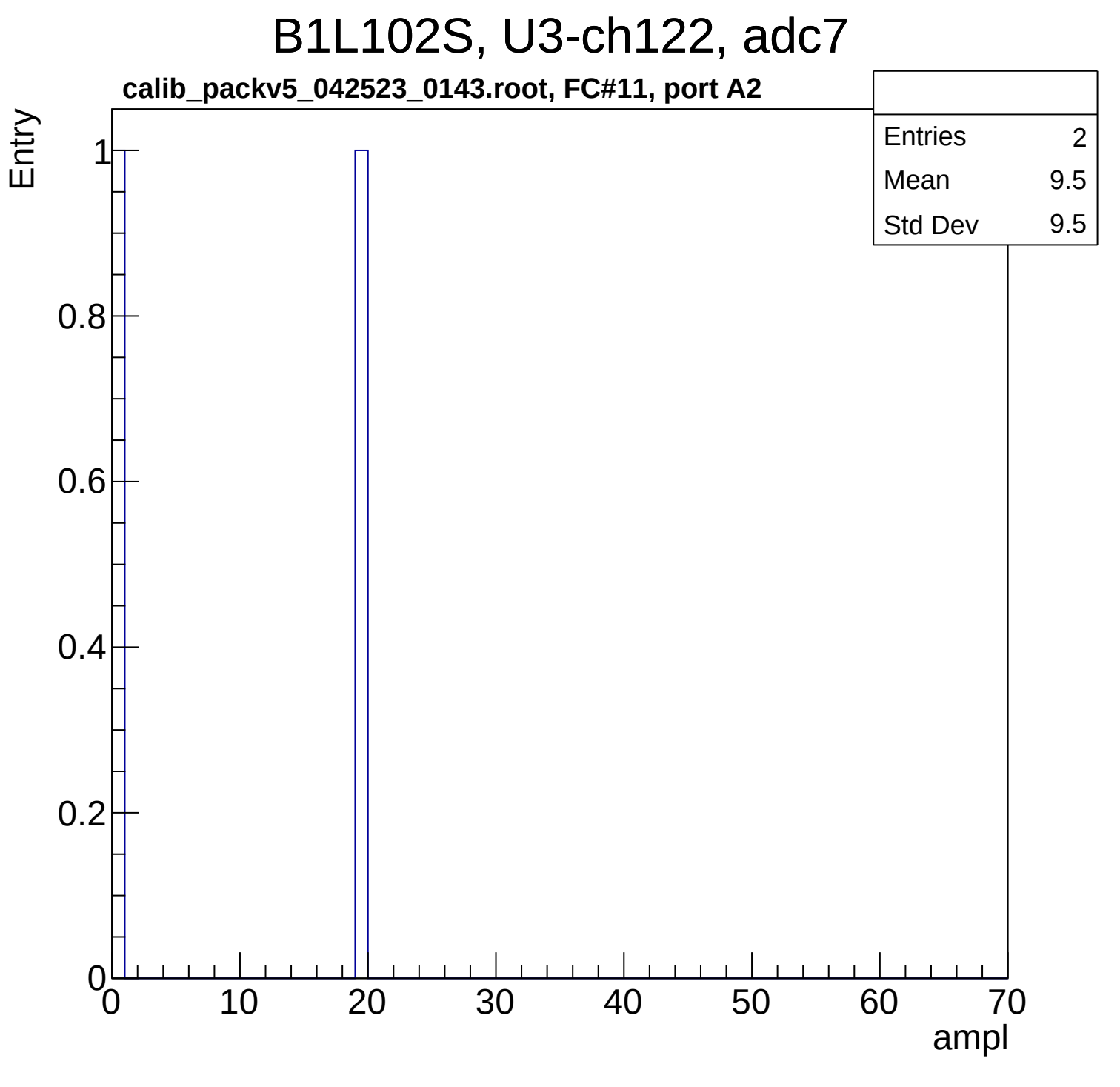
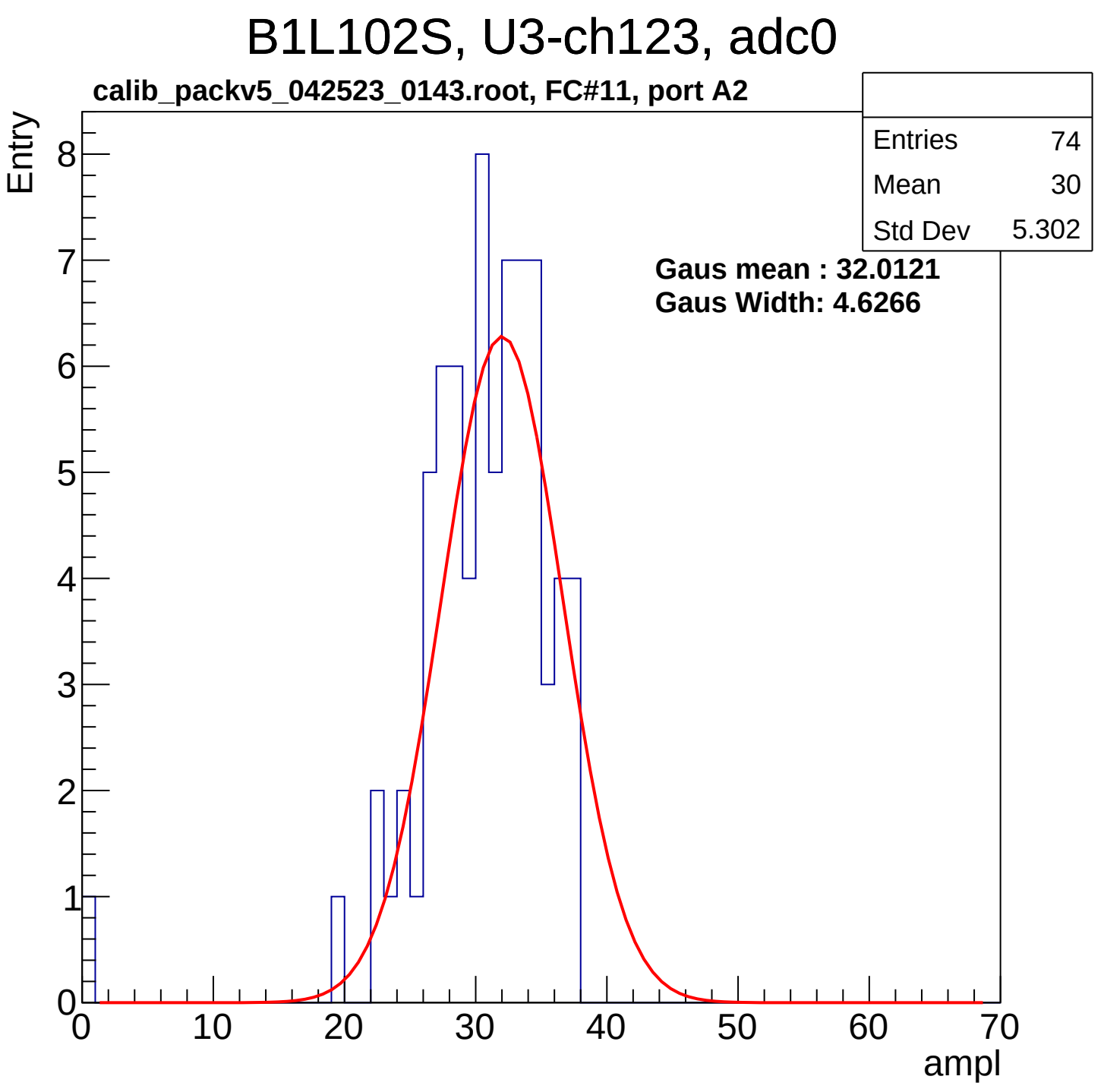
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch122, 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, U3-ch123, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 30
Std Dev 5.302
Gaus mean : 32.0121
Gaus Width: 4.6266
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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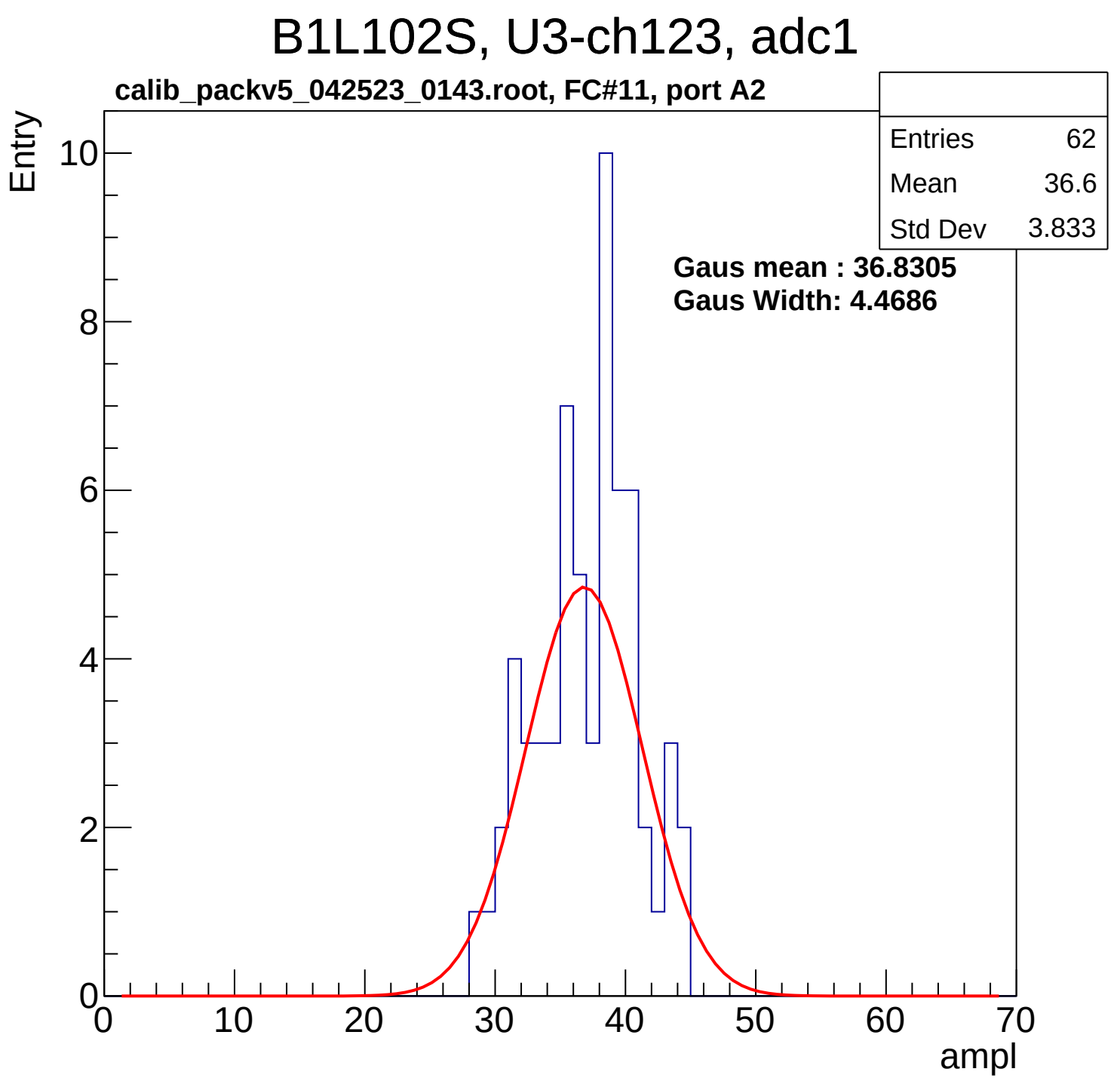
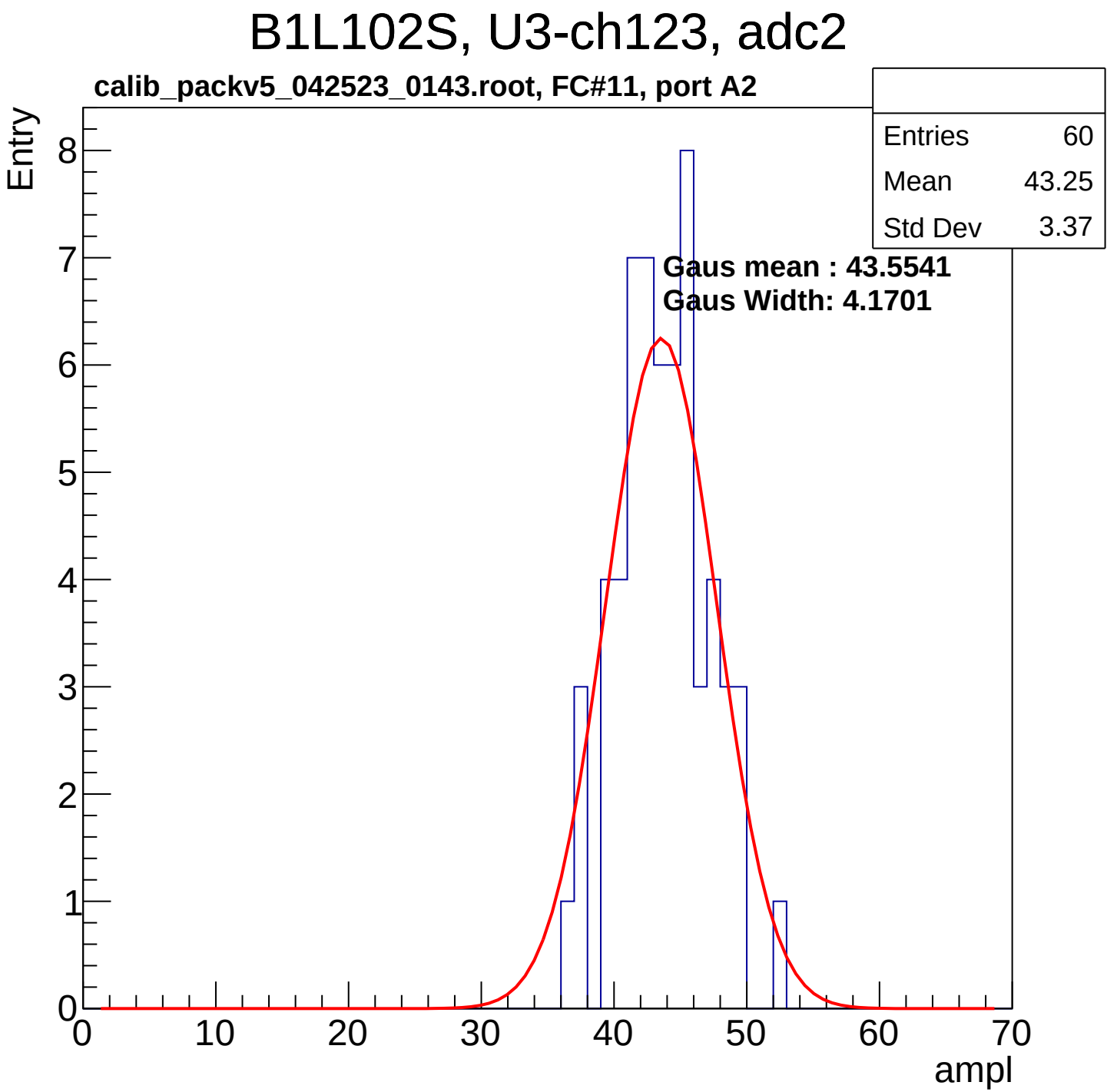
40
50
60
70


B1L102S, U3-ch123, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 36.6
Std Dev 3.833
Gaus mean : 36.8305
Gaus Width: 4.4686
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch123, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 43.25
Std Dev 3.37
Gaus mean : 43.5541
Gaus Width: 4.1701
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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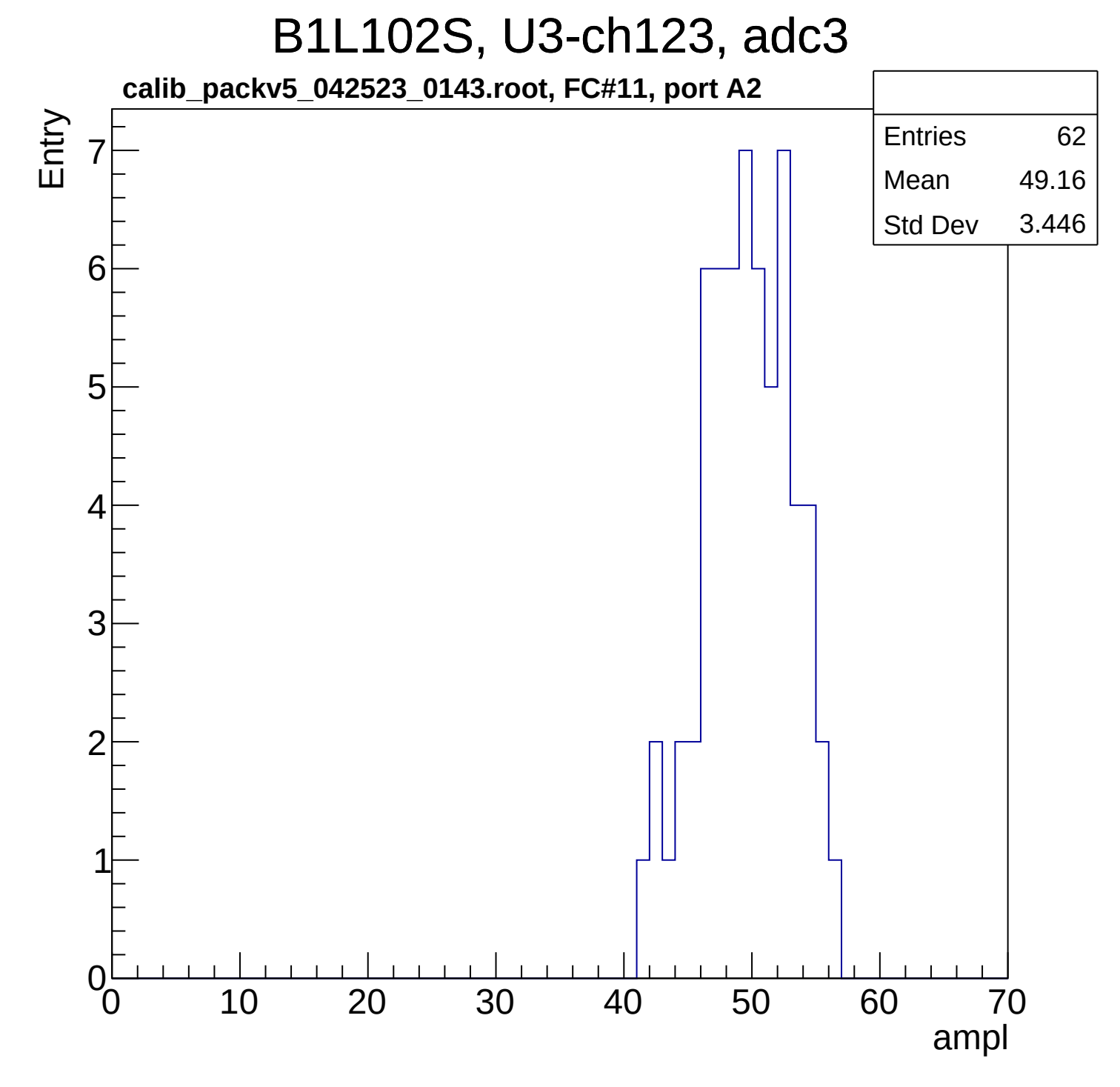
B1L102S, U3-ch123, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 49.16
Std Dev 3.446
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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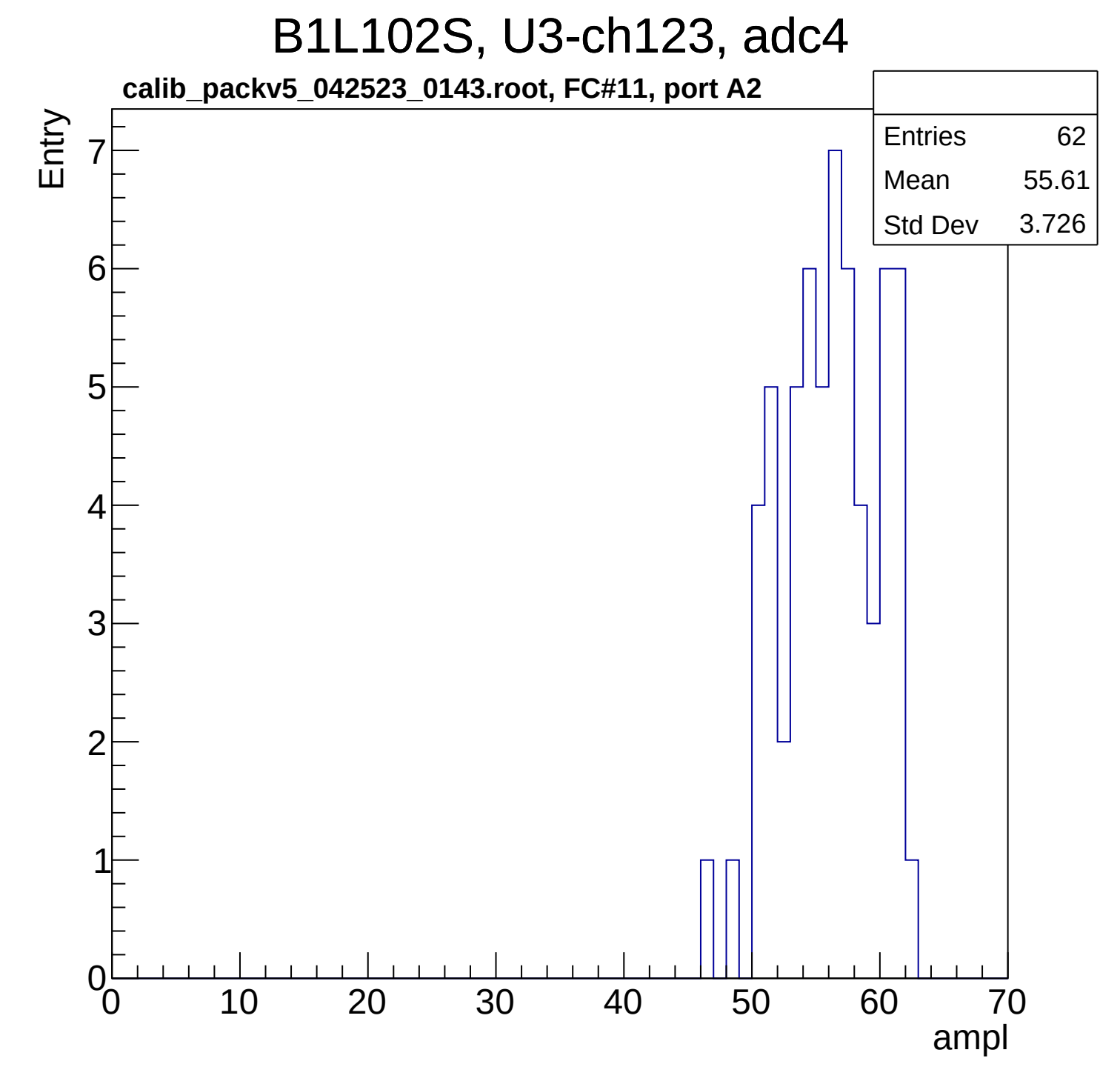
B1L102S, U3-ch123, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 55.61
Std Dev 3.726
Entry
ampl
0
1
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4
5
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7
0
10
20
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40
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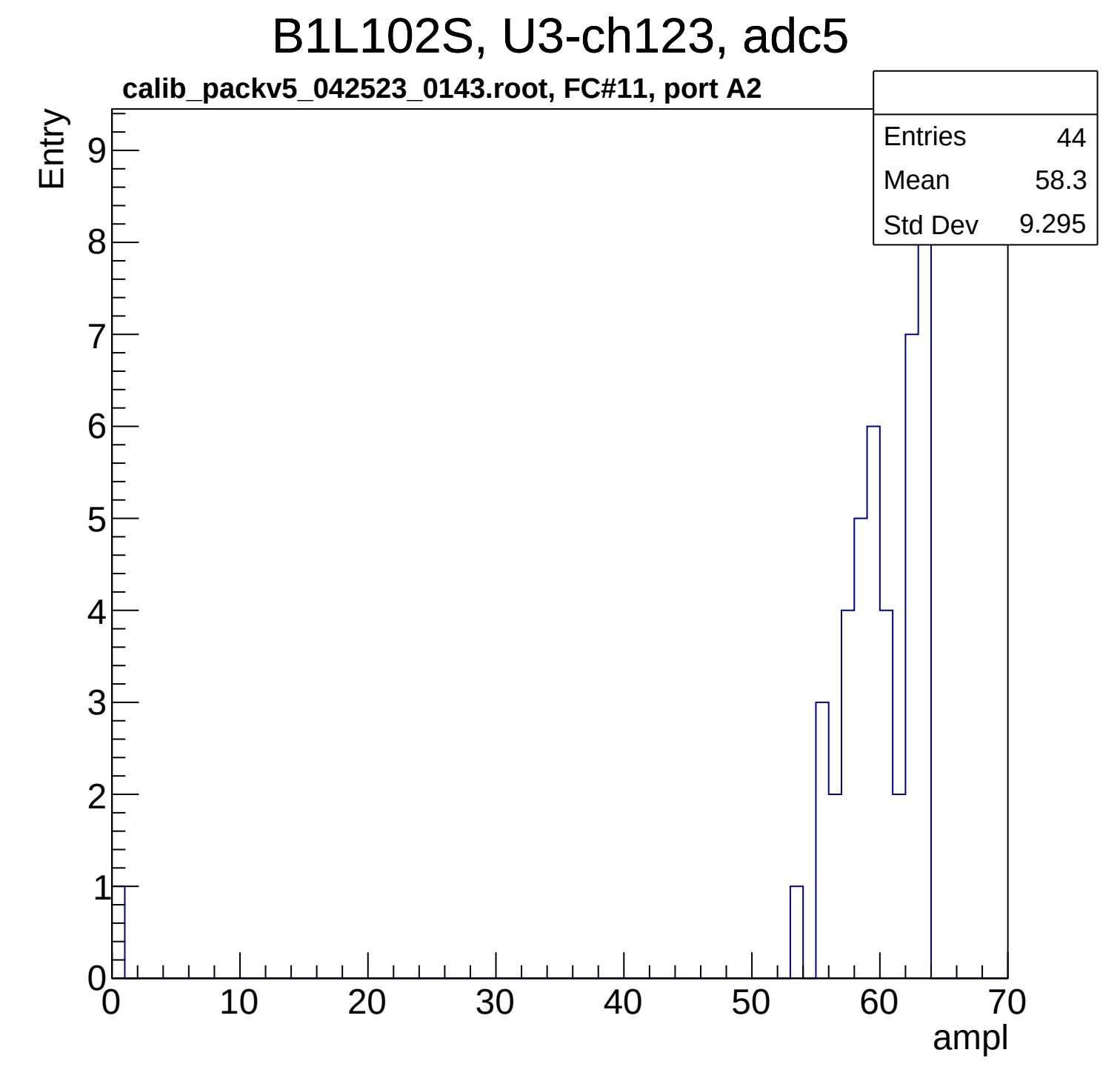
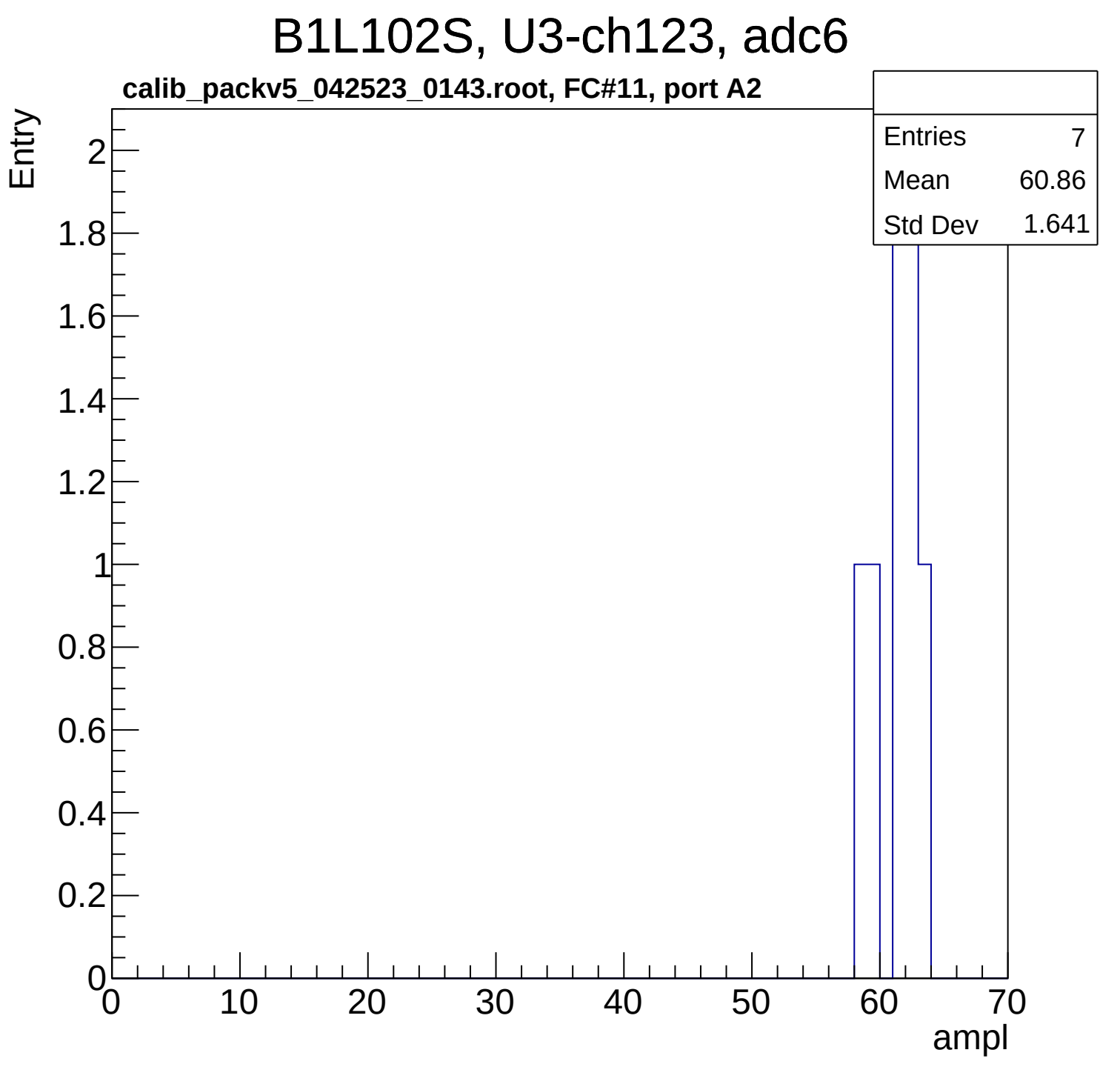
60
70


B1L102S, U3-ch123, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 58.3
Std Dev 9.295
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch123, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 60.86
Std Dev 1.641
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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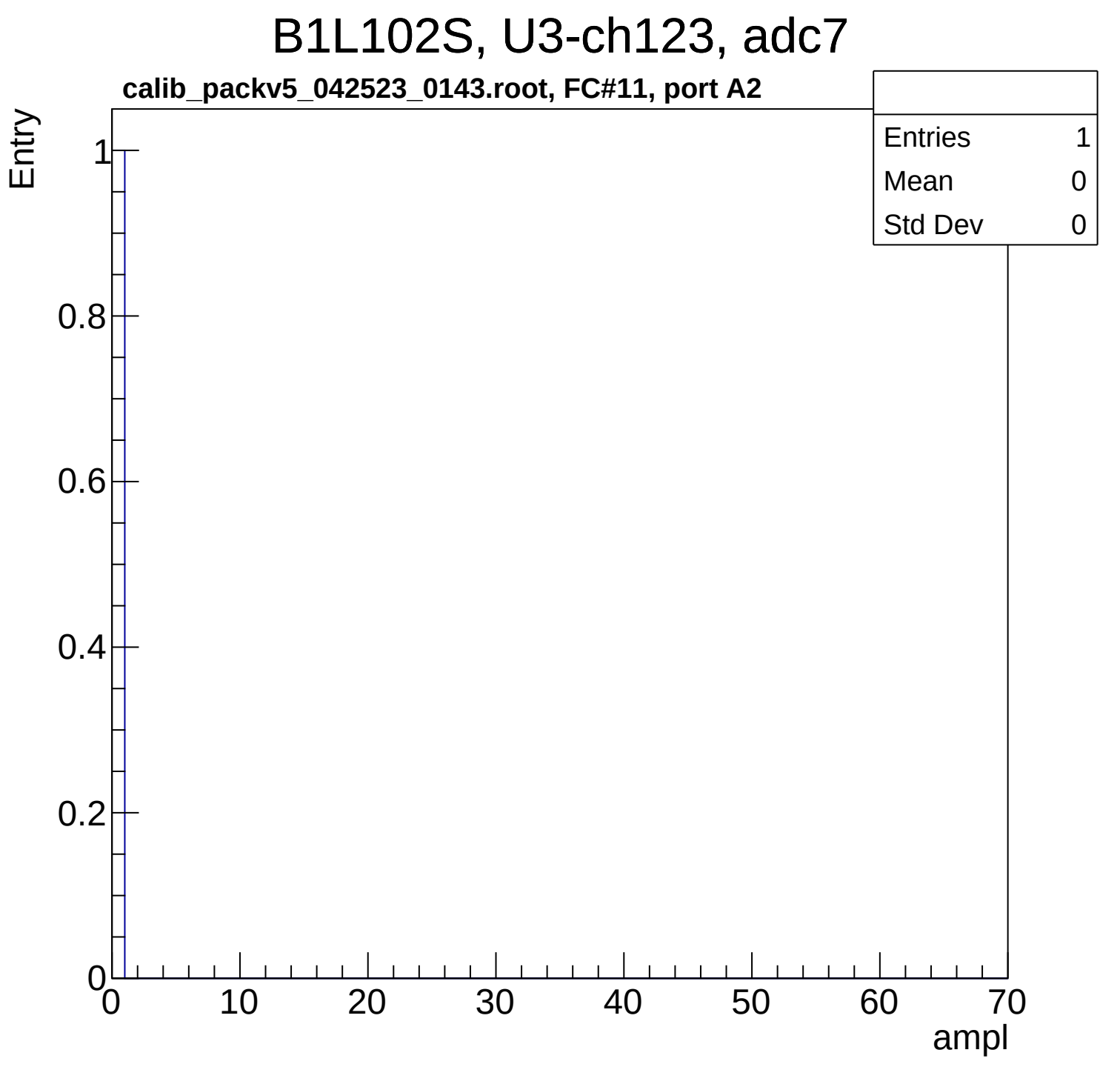
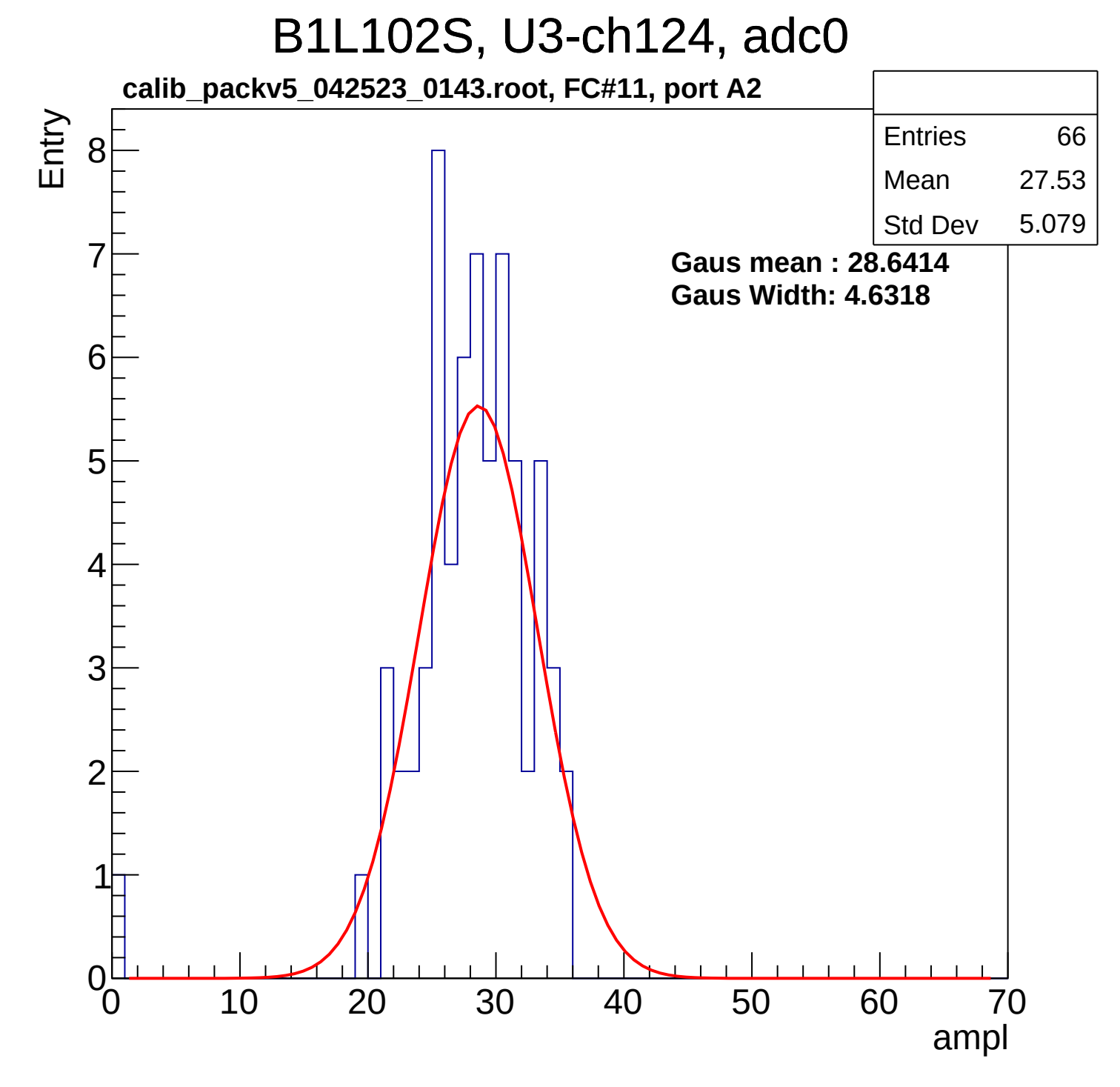
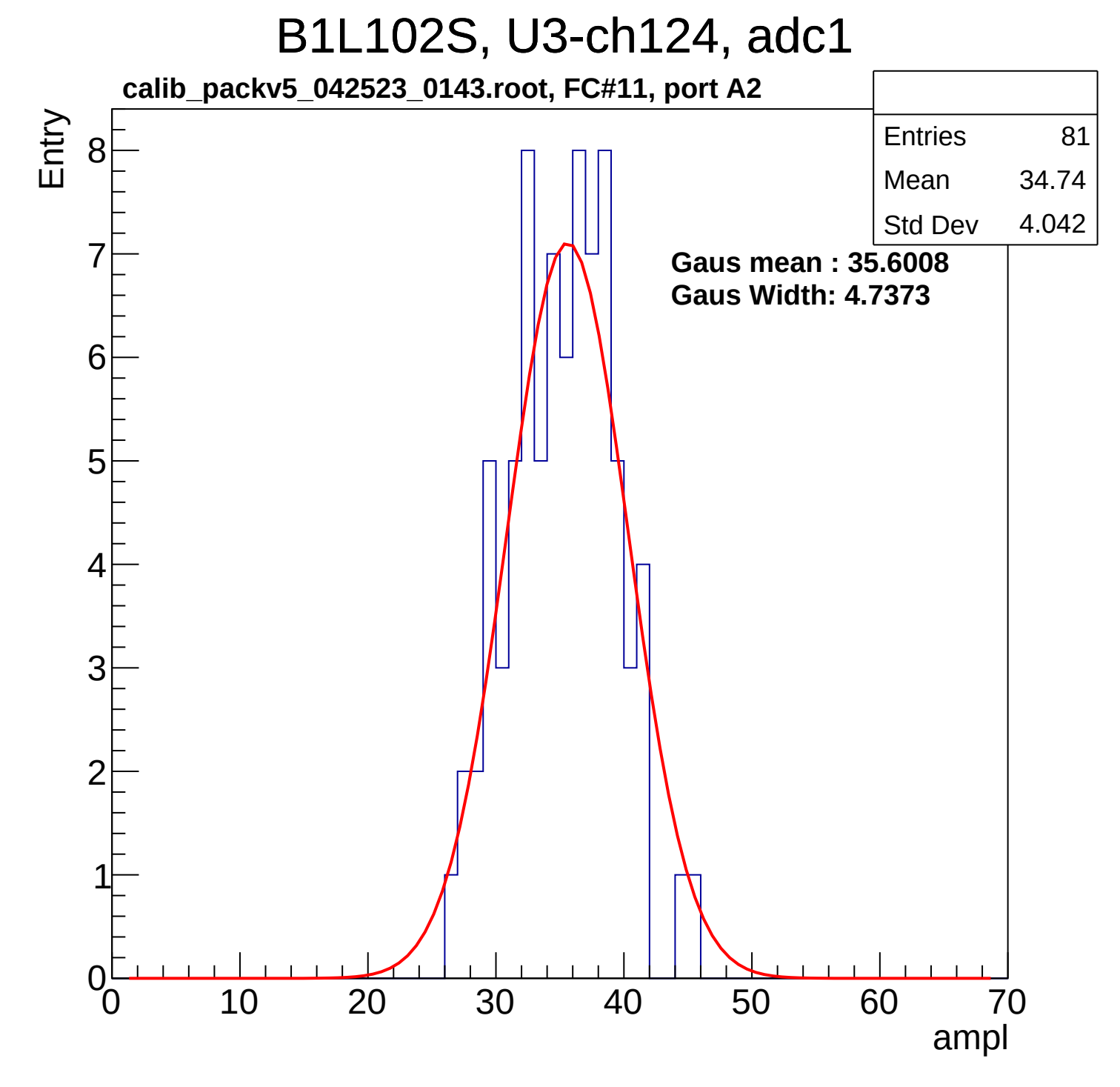

B1L102S, U3-ch123, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch124, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 27.53
Std Dev 5.079
Gaus mean : 28.6414
Gaus Width: 4.6318
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch124, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 34.74
Std Dev 4.042
Gaus mean : 35.6008
Gaus Width: 4.7373
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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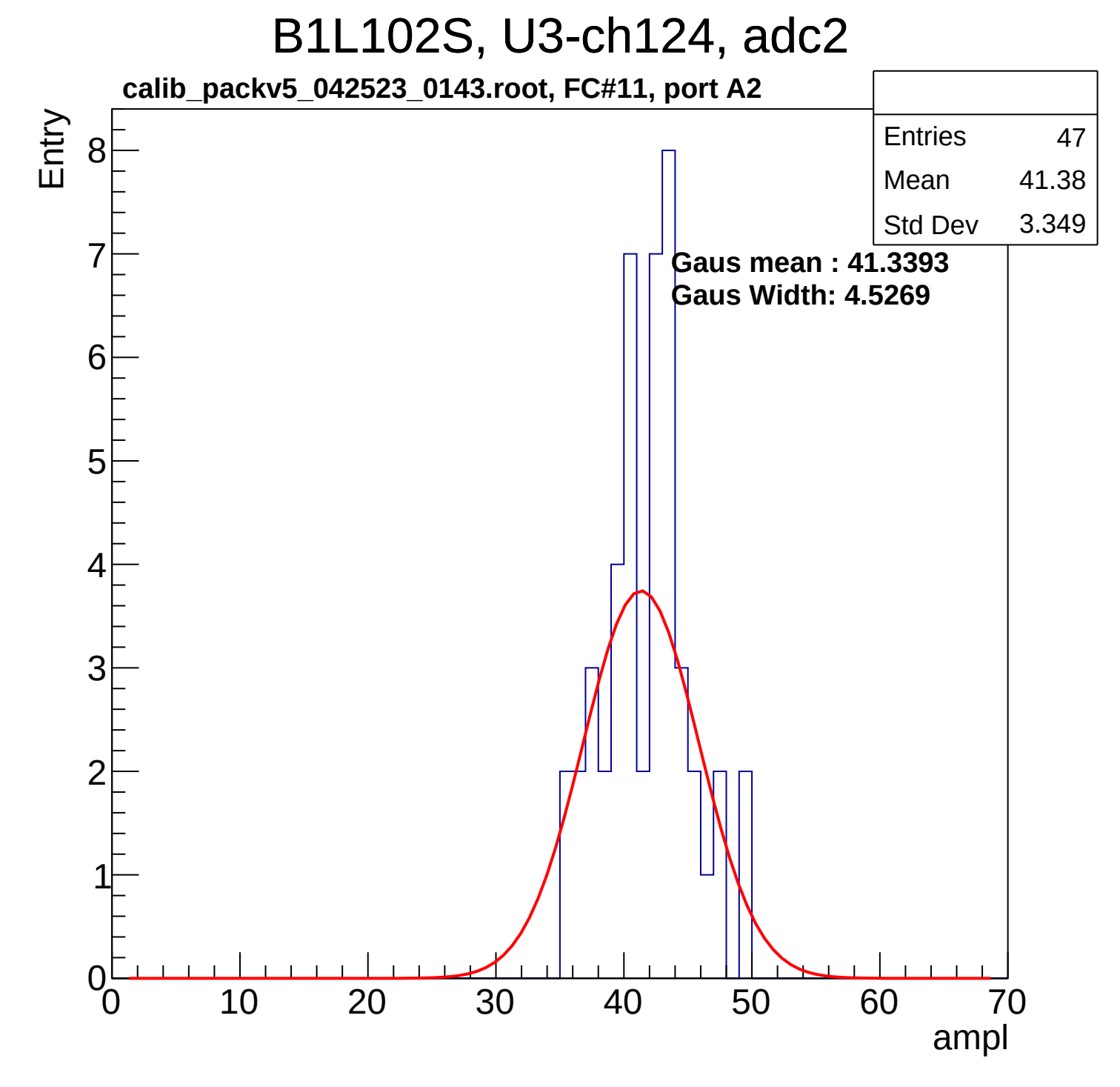
B1L102S, U3-ch124, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 41.38
Std Dev 3.349
Gaus mean : 41.3393
Gaus Width: 4.5269
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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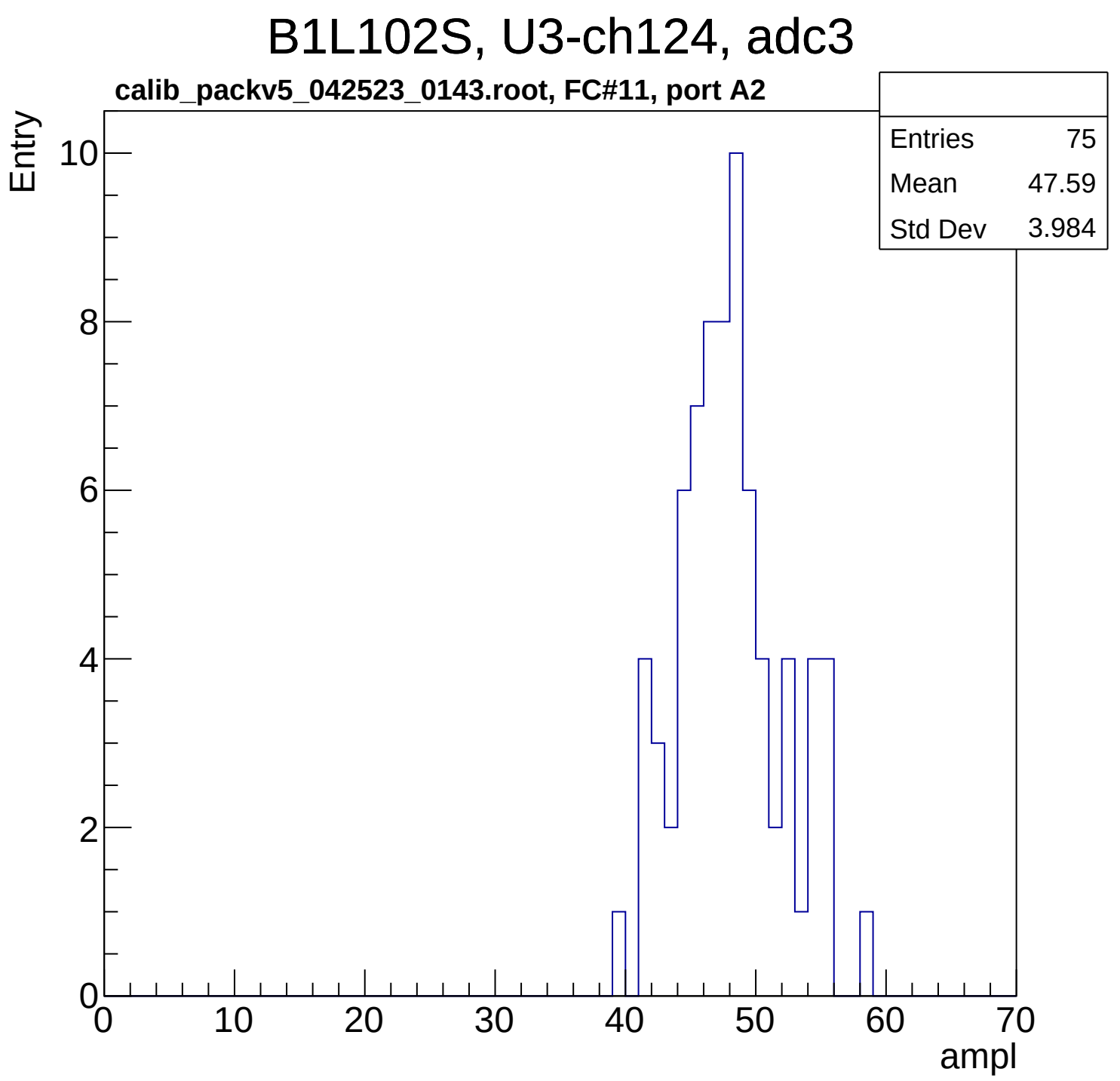
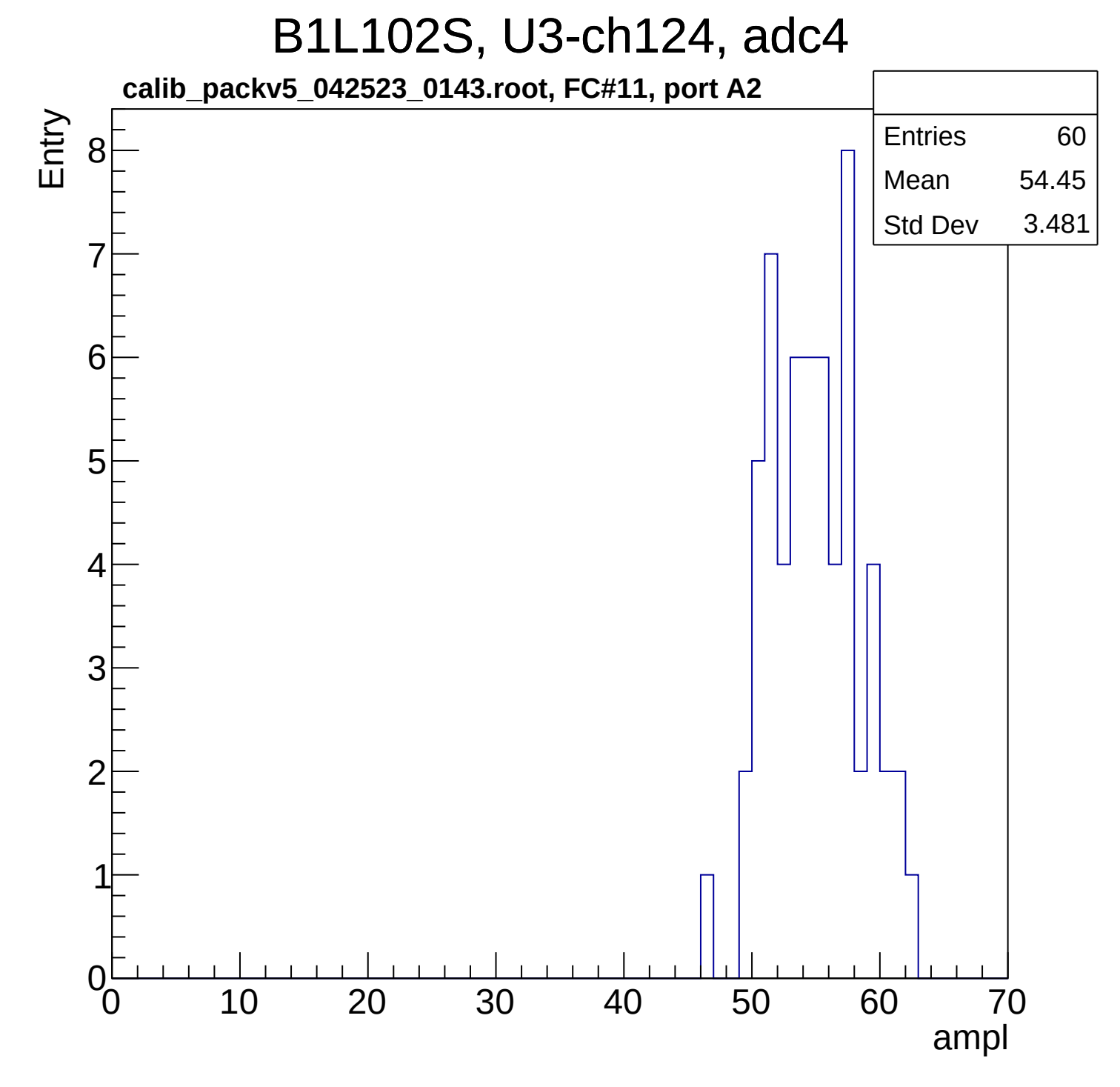

B1L102S, U3-ch124, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 47.59
Std Dev 3.984
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch124, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 54.45
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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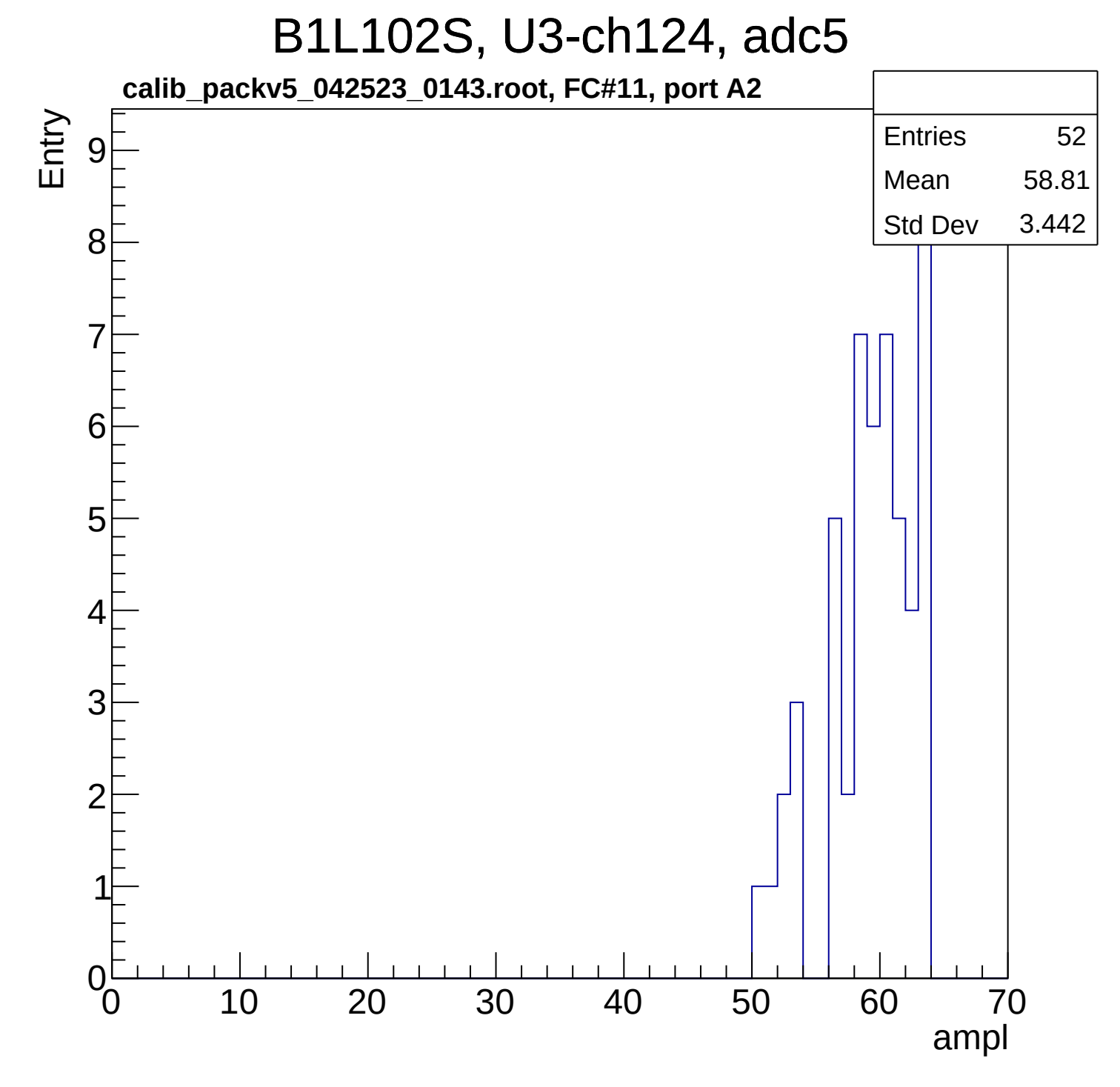
B1L102S, U3-ch124, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 58.81
Std Dev 3.442
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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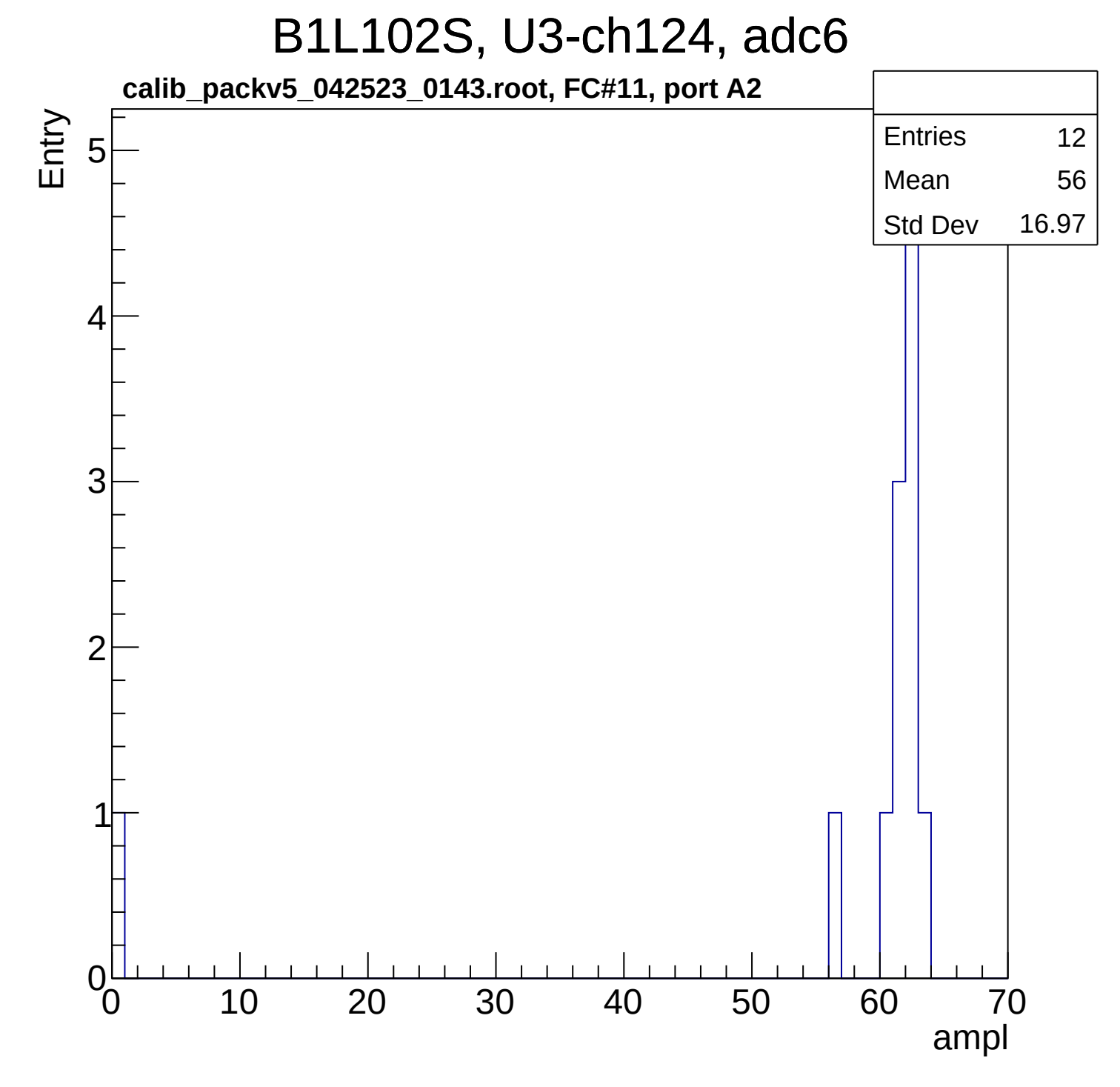
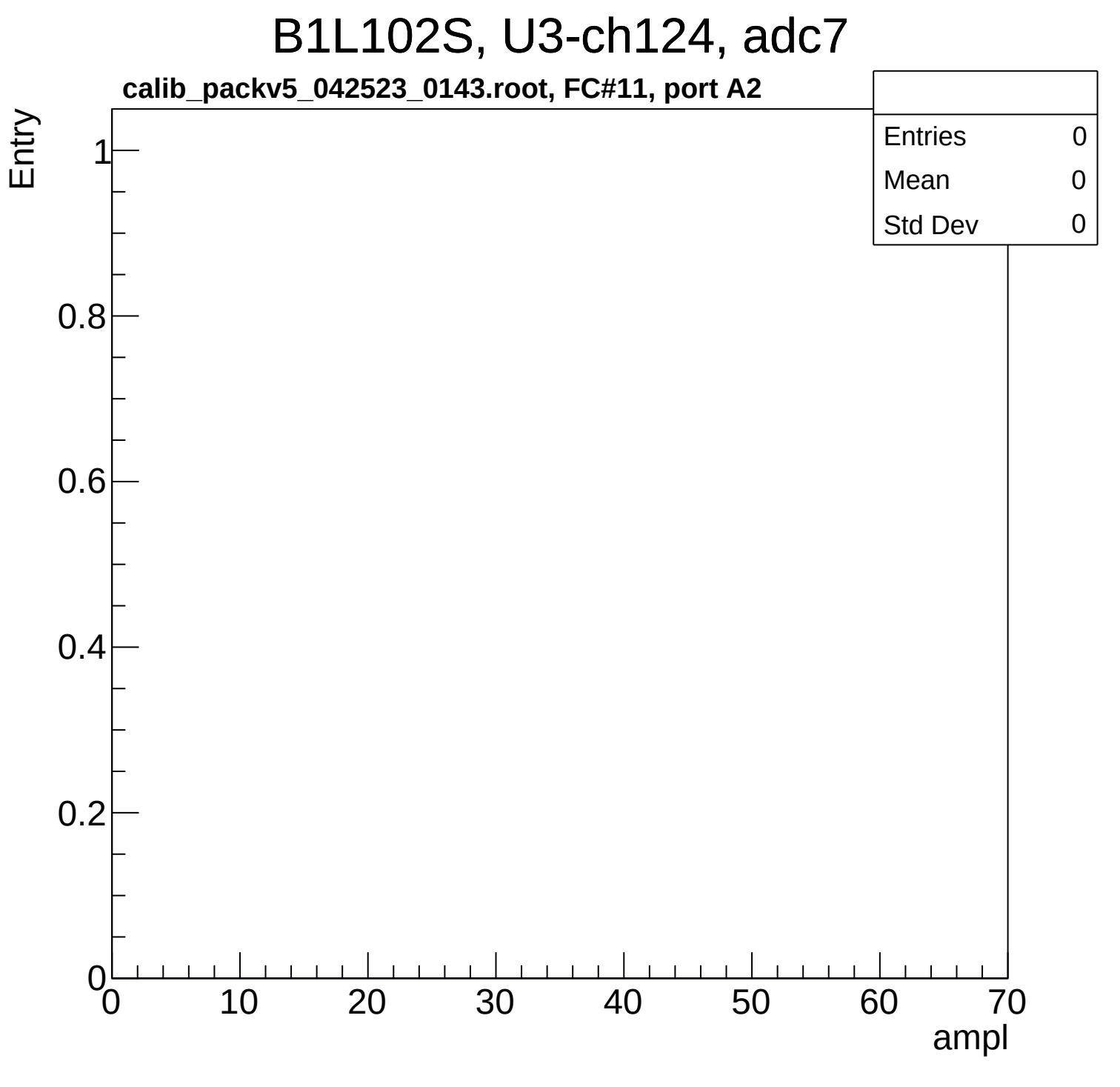
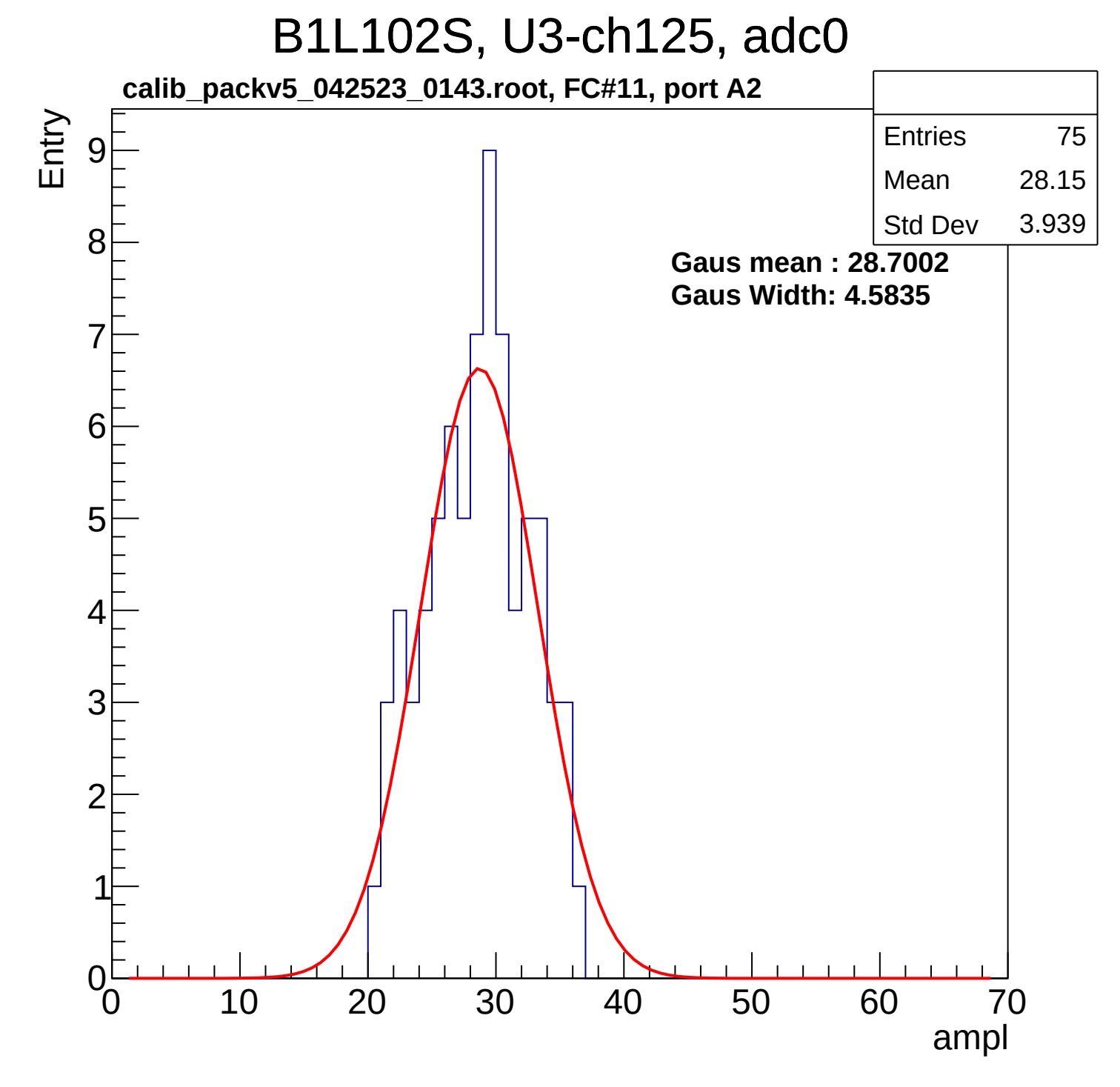
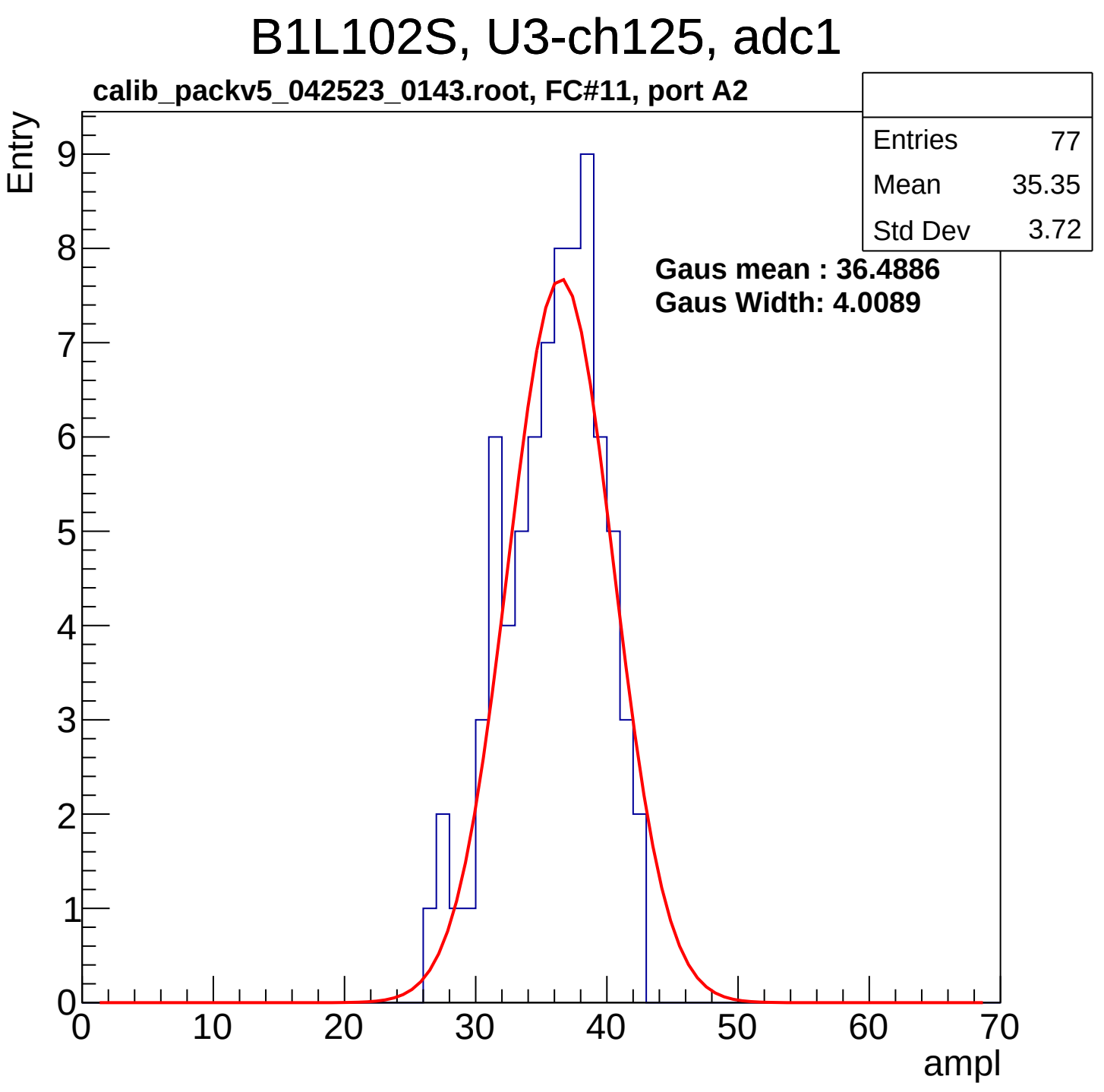

B1L102S, U3-ch124, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 56
Std Dev 16.97
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U3-ch124, 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, U3-ch125, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 28.15
Std Dev 3.939
Gaus mean : 28.7002
Gaus Width: 4.5835
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch125, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 35.35
Std Dev 3.72
Gaus mean : 36.4886
Gaus Width: 4.0089
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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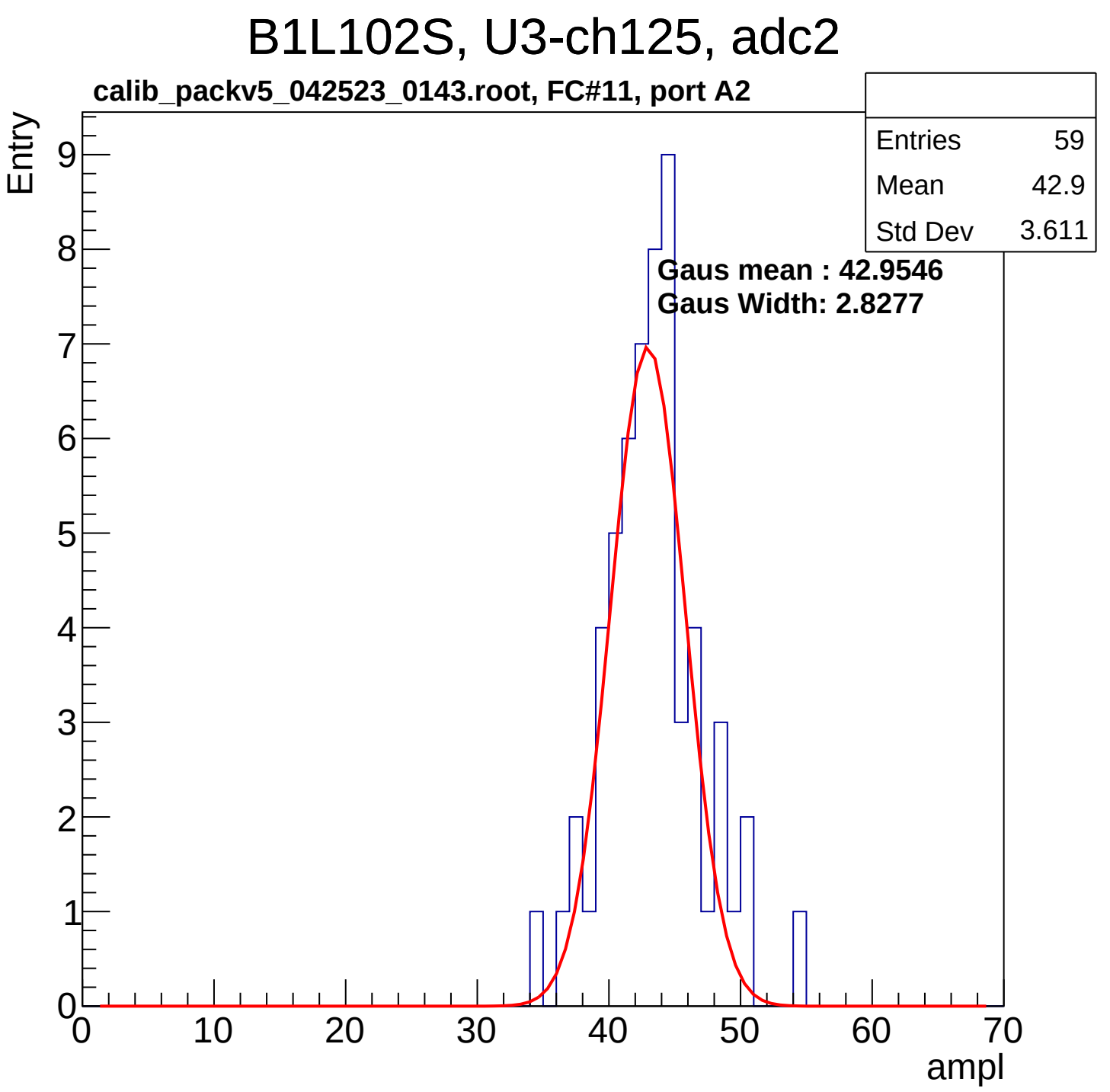
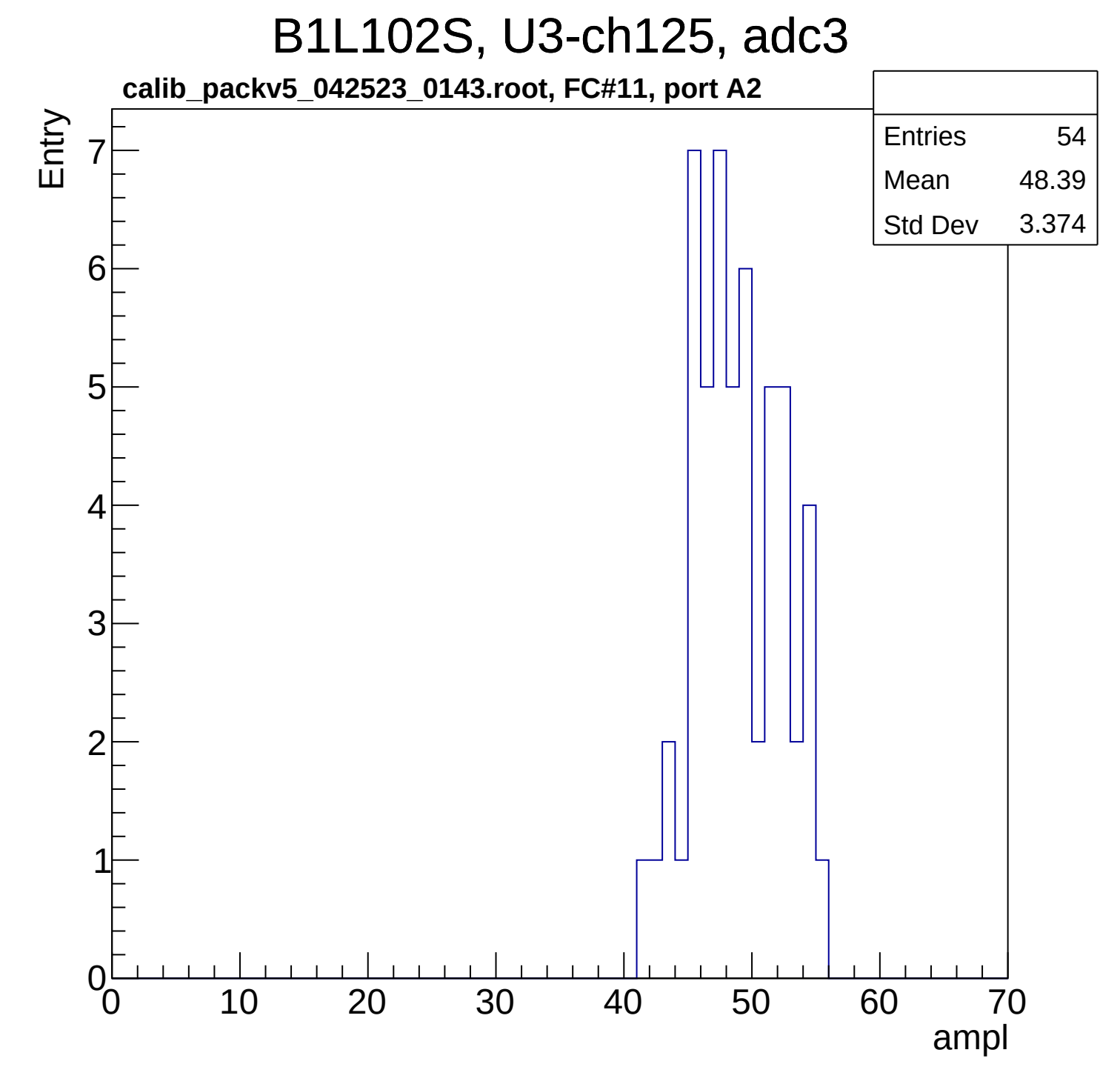
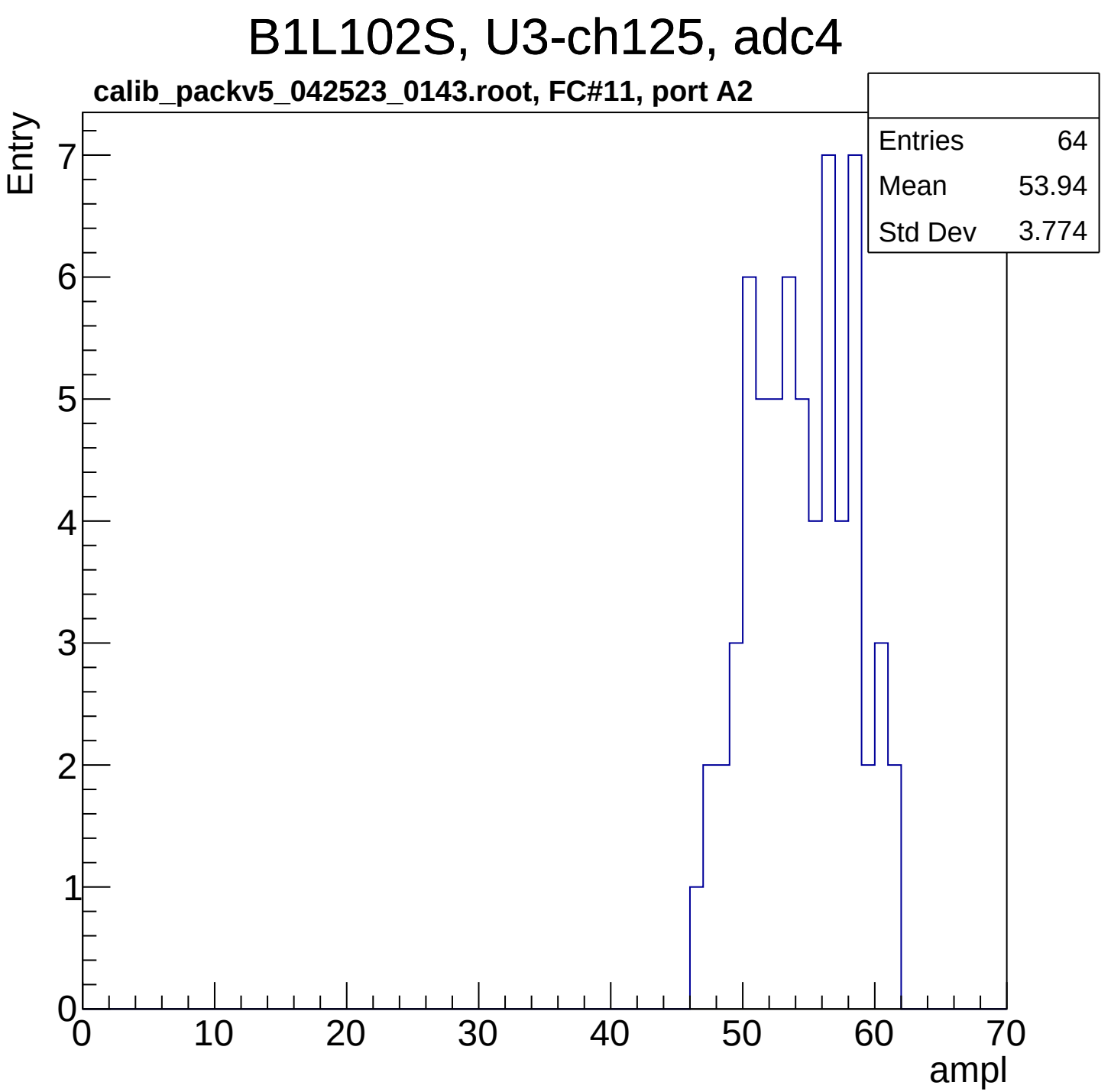
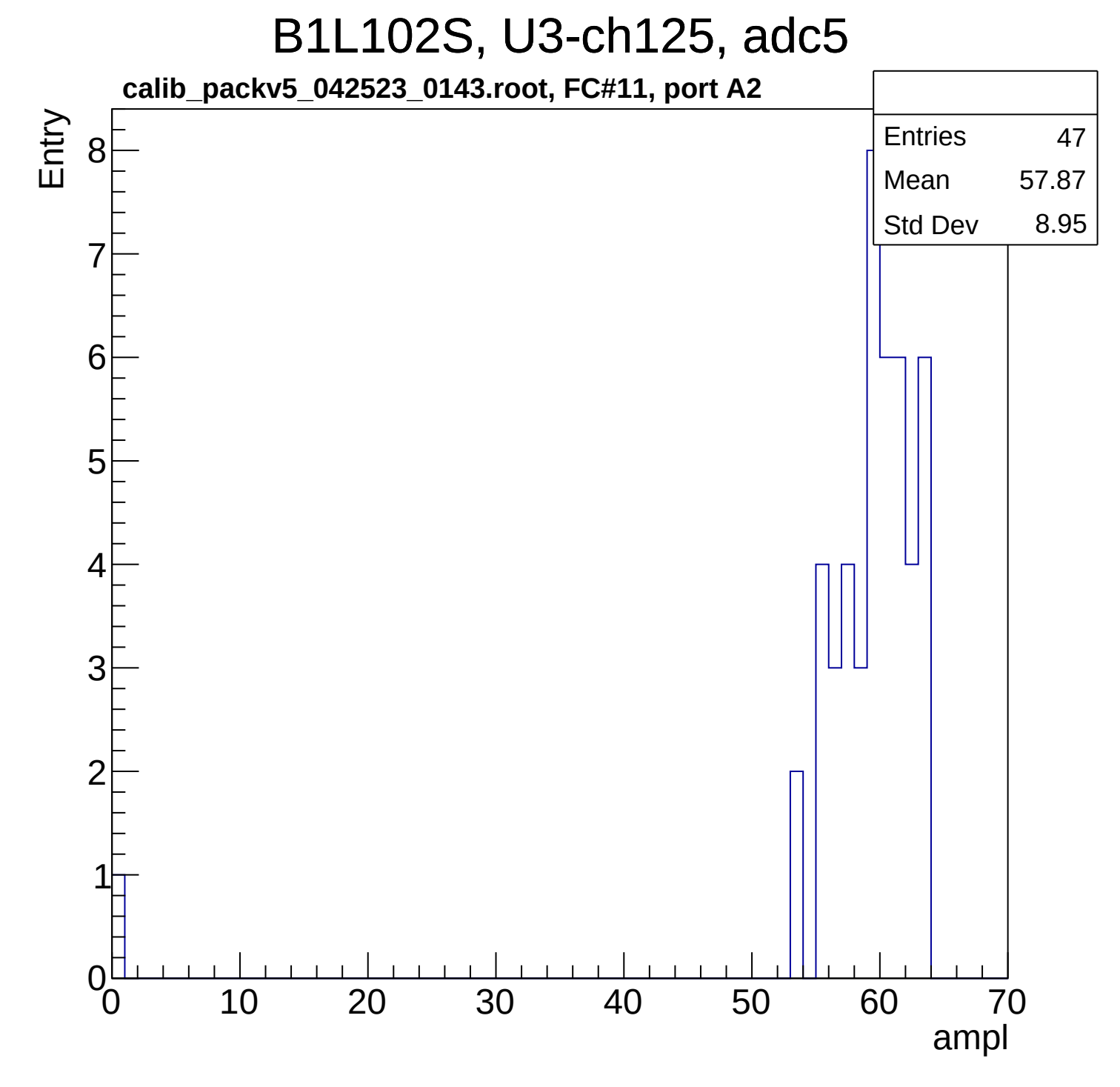
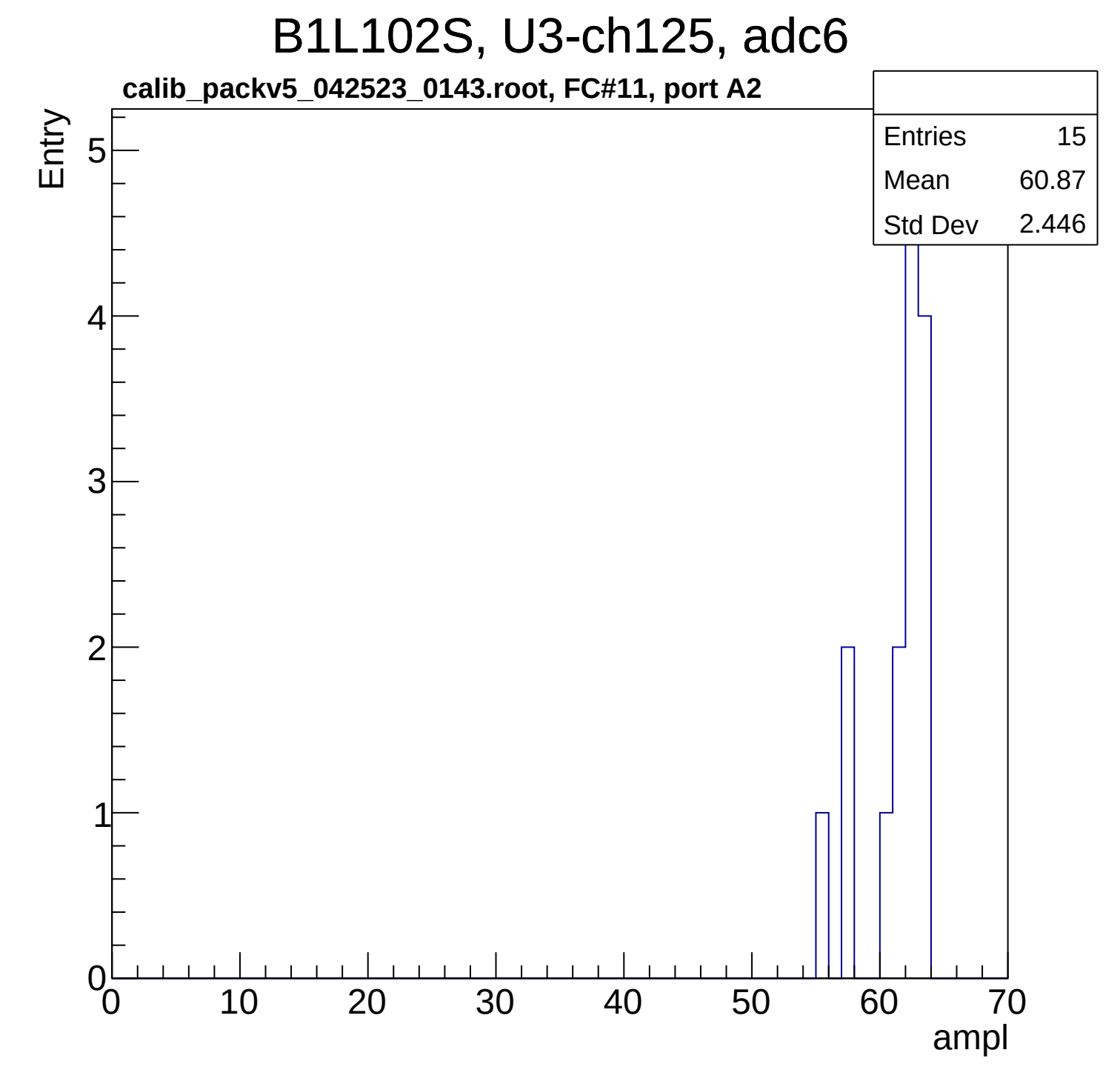
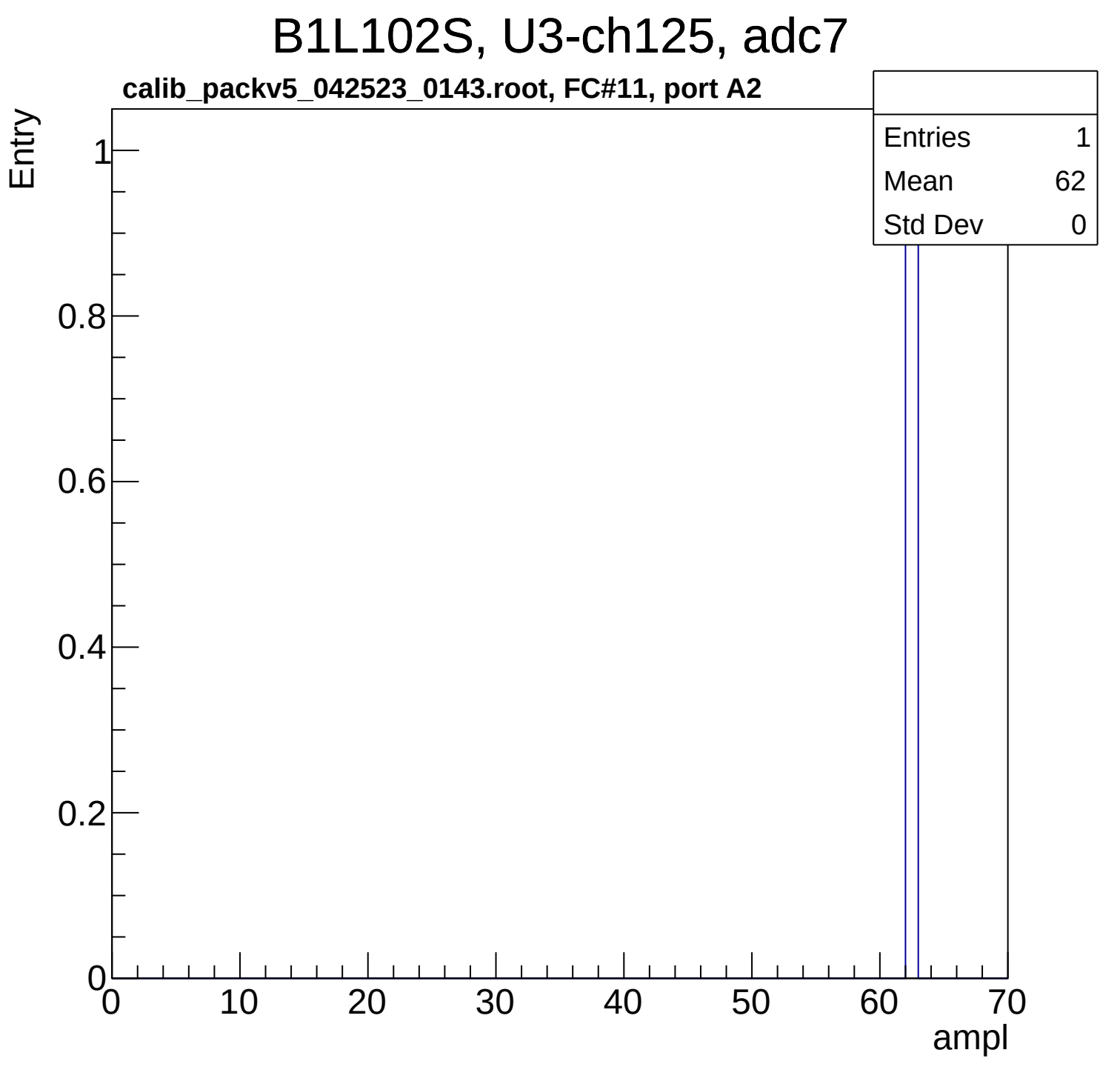

B1L102S, U3-ch125, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 42.9
Std Dev 3.611
Gaus mean : 42.9546
Gaus Width: 2.8277
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch125, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 48.39
Std Dev 3.374
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch125, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 53.94
Std Dev 3.774
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch125, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 57.87
Std Dev 8.95
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch125, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 60.87
Std Dev 2.446
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U3-ch125, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 62
Std Dev 0
Entry
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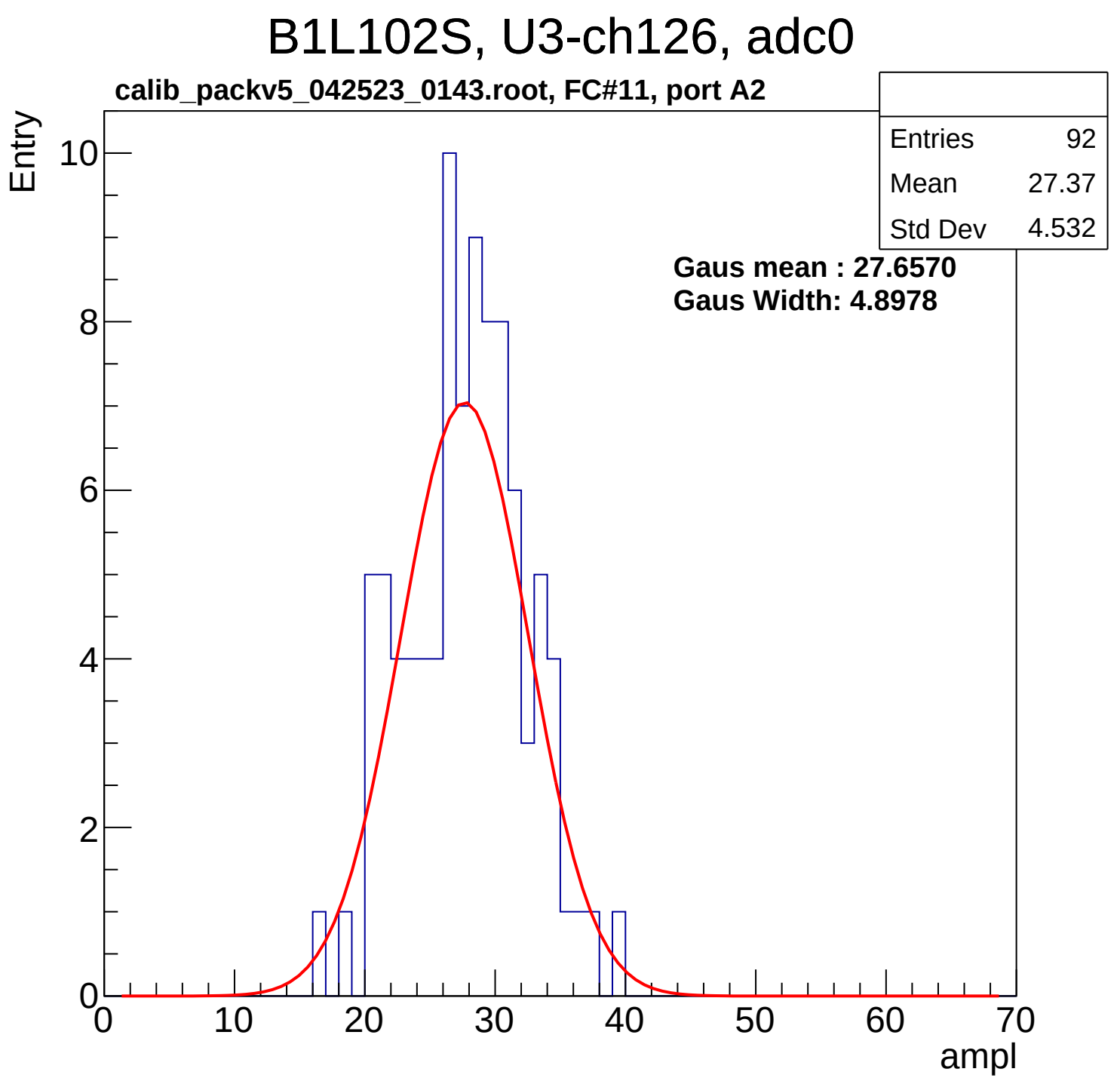
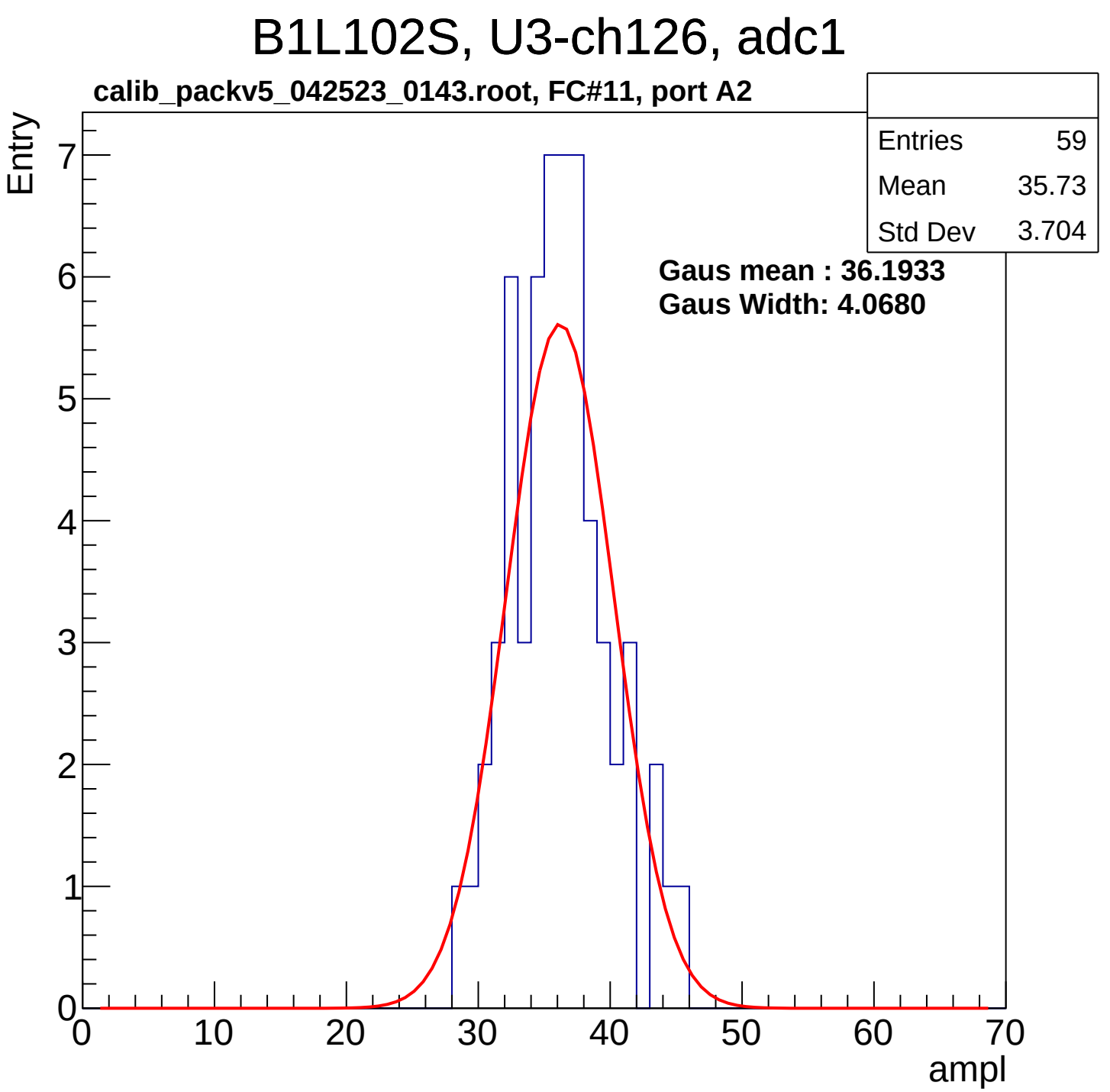
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch126, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 92
Mean 27.37
Std Dev 4.532
Gaus mean : 27.6570
Gaus Width: 4.8978
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U3-ch126, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 35.73
Std Dev 3.704
Gaus mean : 36.1933
Gaus Width: 4.0680
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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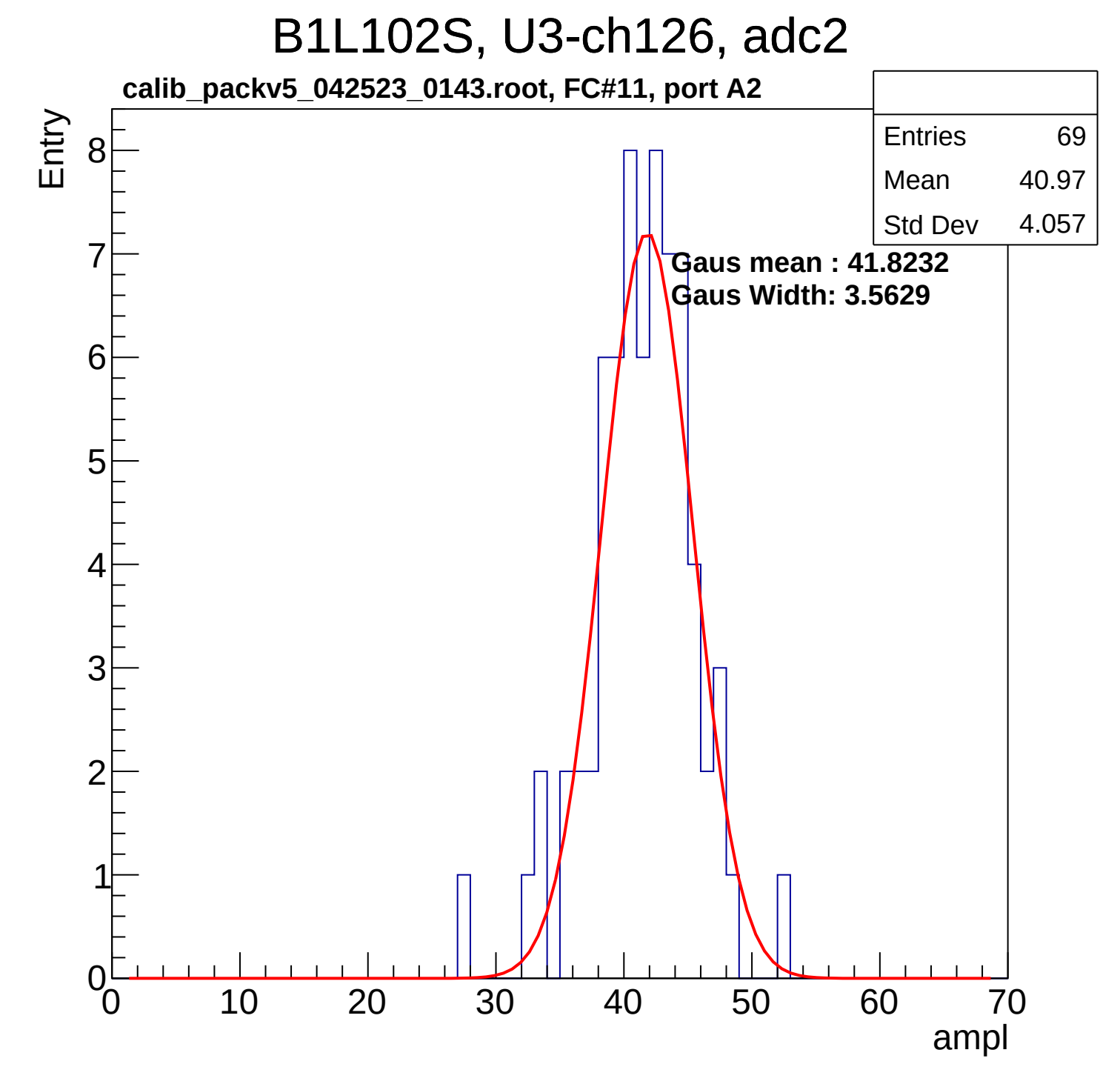
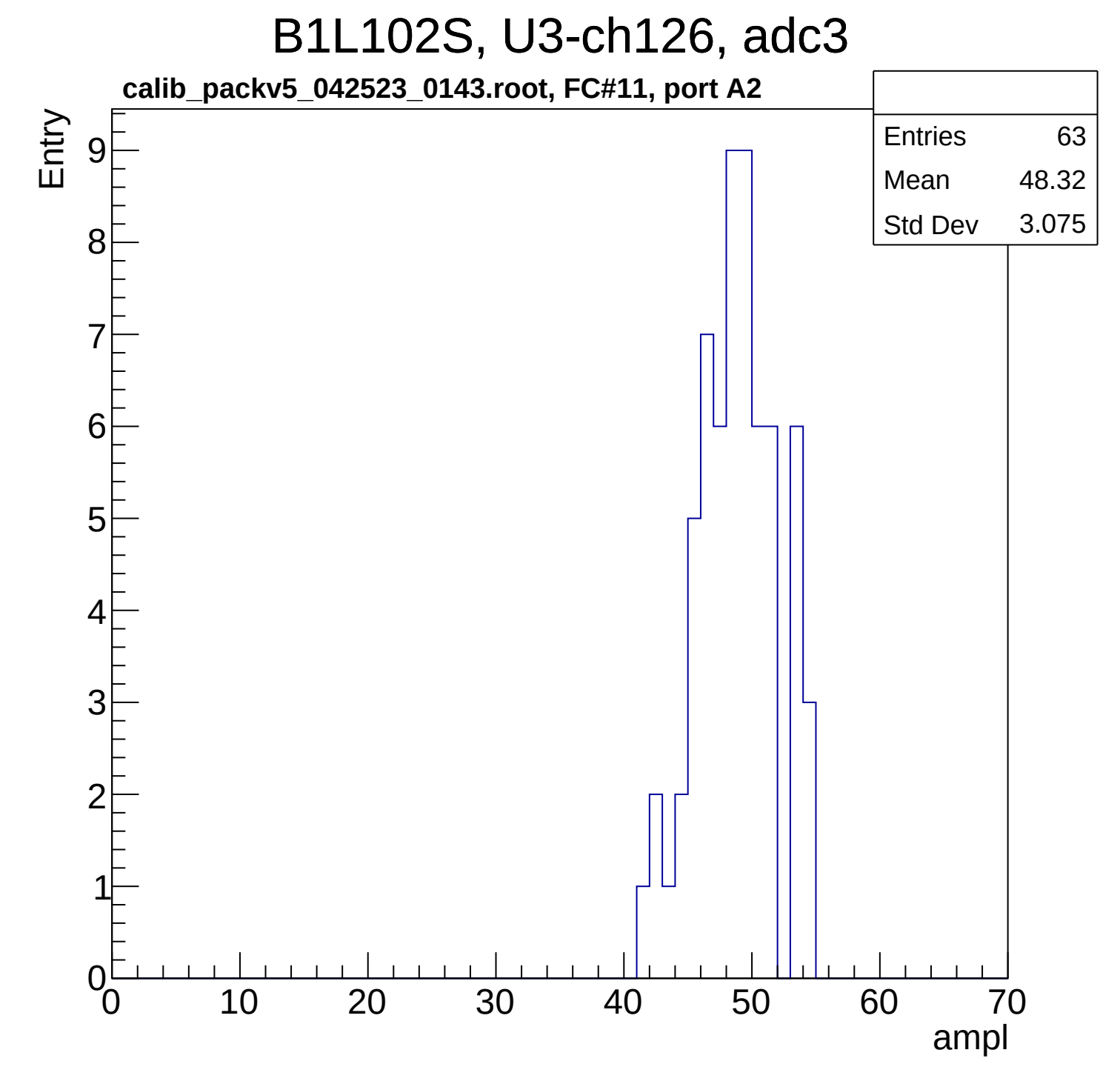
40
50
60
70


B1L102S, U3-ch126, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 40.97
Std Dev 4.057
Gaus mean : 41.8232
Gaus Width: 3.5629
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch126, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.32
Std Dev 3.075
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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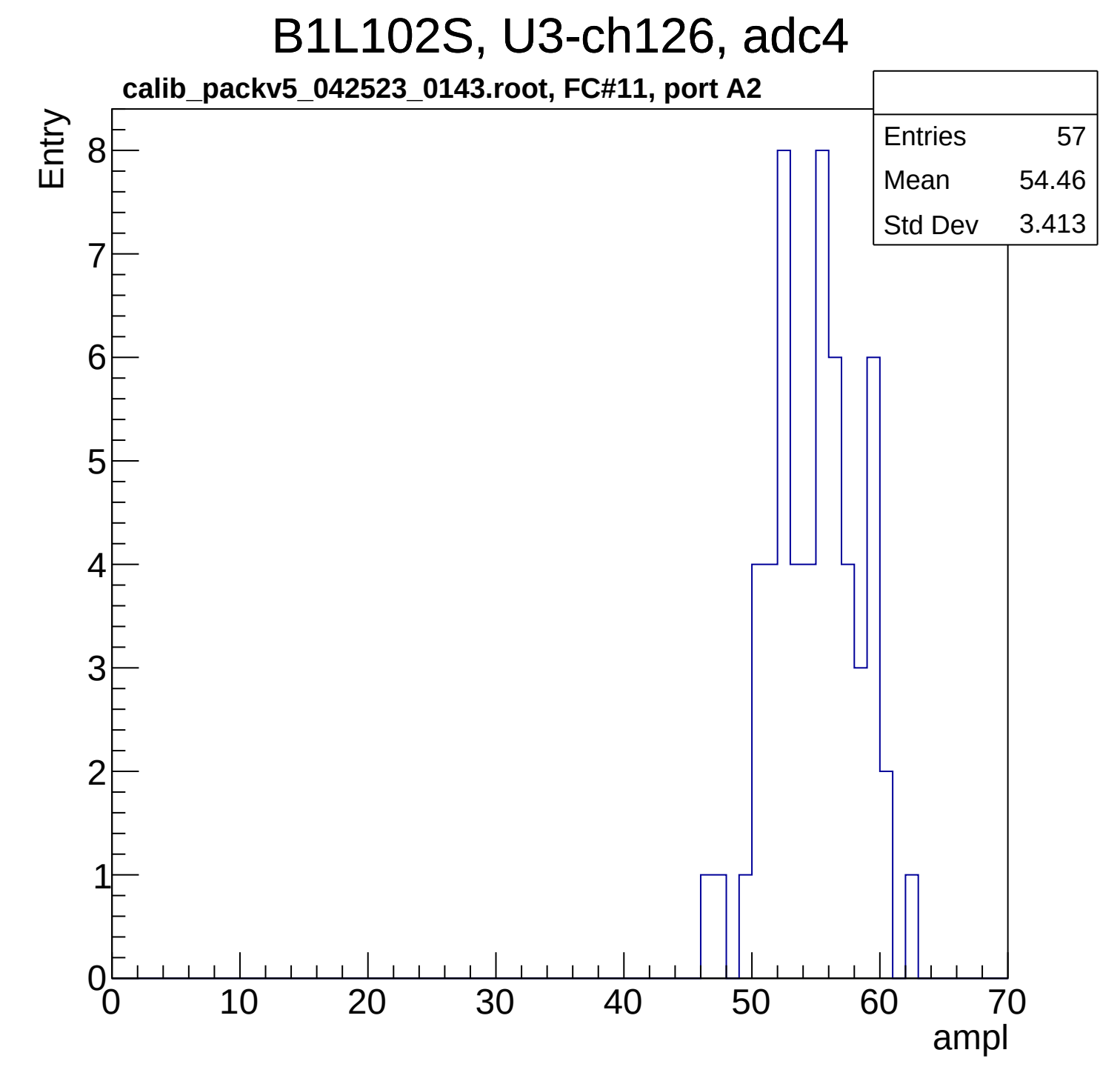
60
70


B1L102S, U3-ch126, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 54.46
Std Dev 3.413
Entry
ampl
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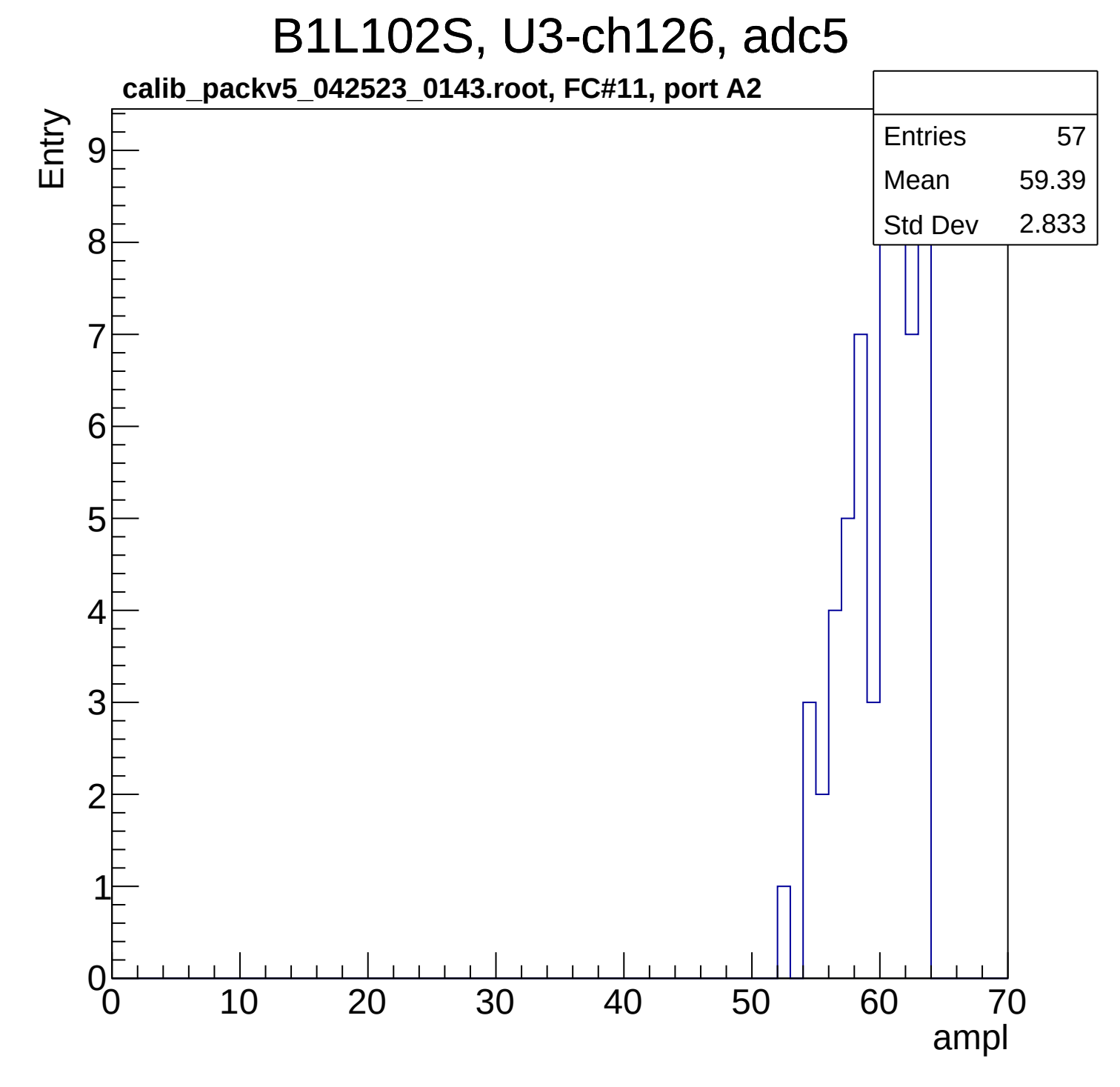
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U3-ch126, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 59.39
Std Dev 2.833
Entry
ampl
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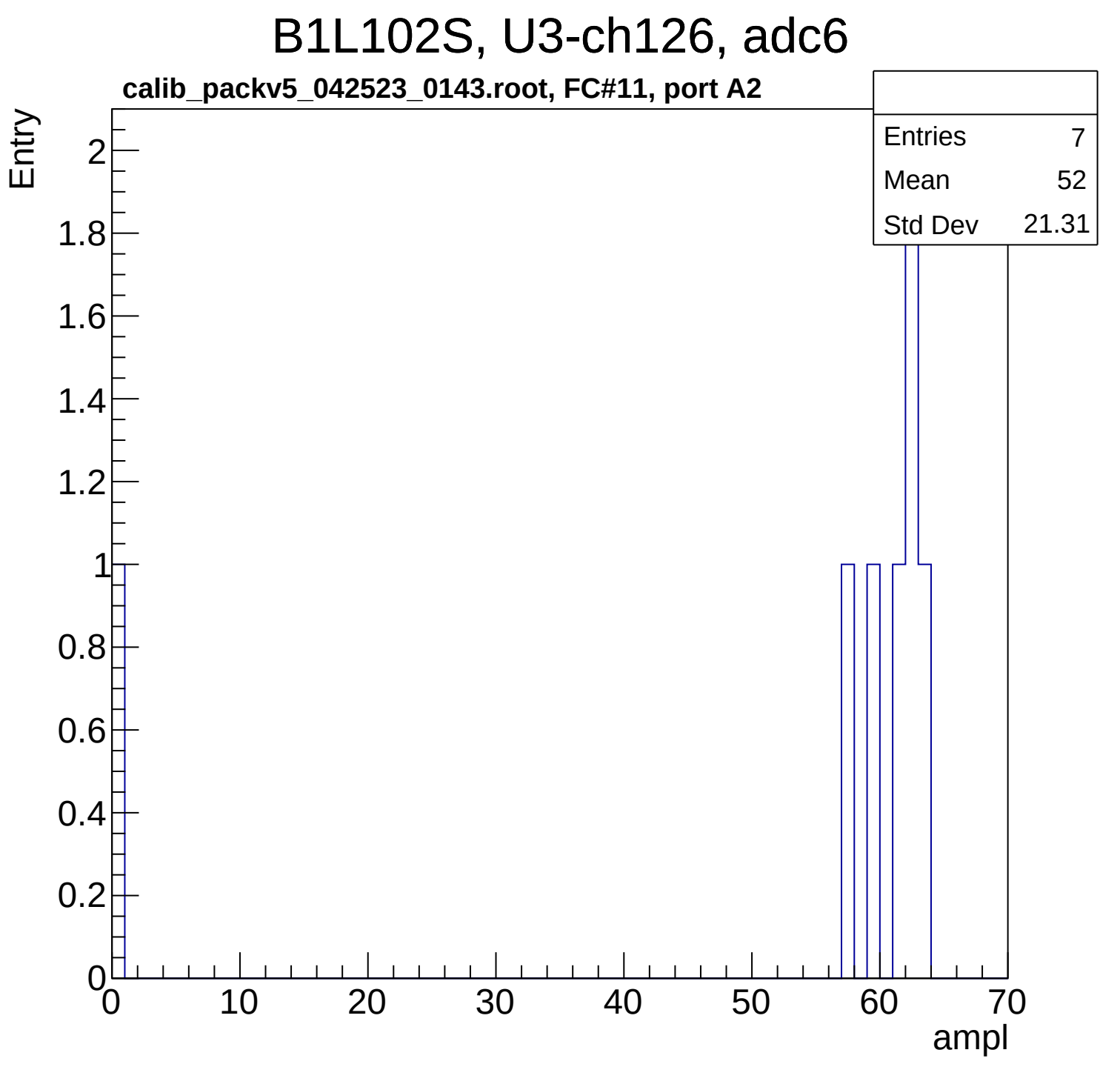
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch126, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 52
Std Dev 21.31
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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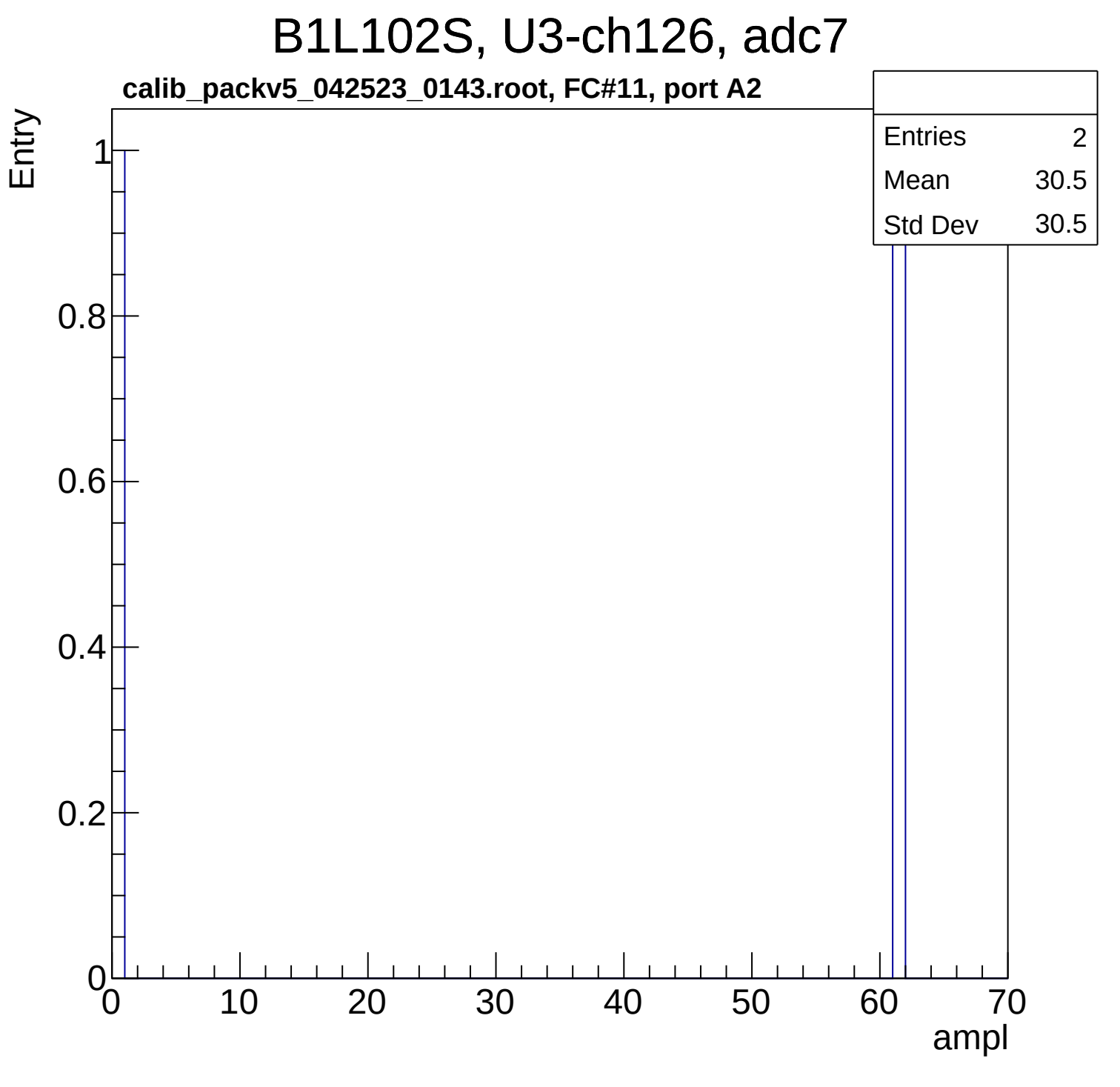
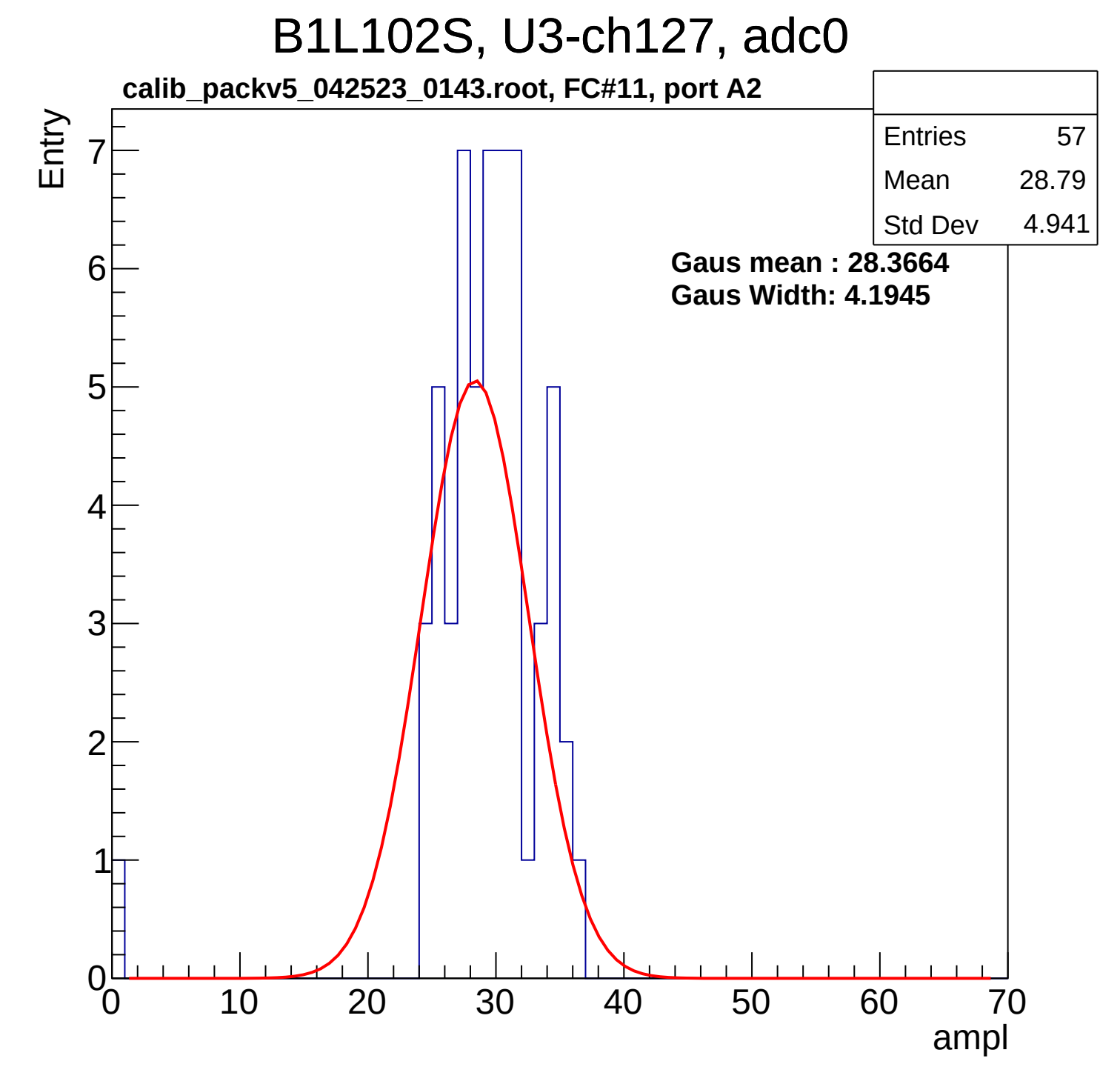

B1L102S, U3-ch126, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 30.5
Std Dev 30.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U3-ch127, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 28.79
Std Dev 4.941
Gaus mean : 28.3664
Gaus Width: 4.1945
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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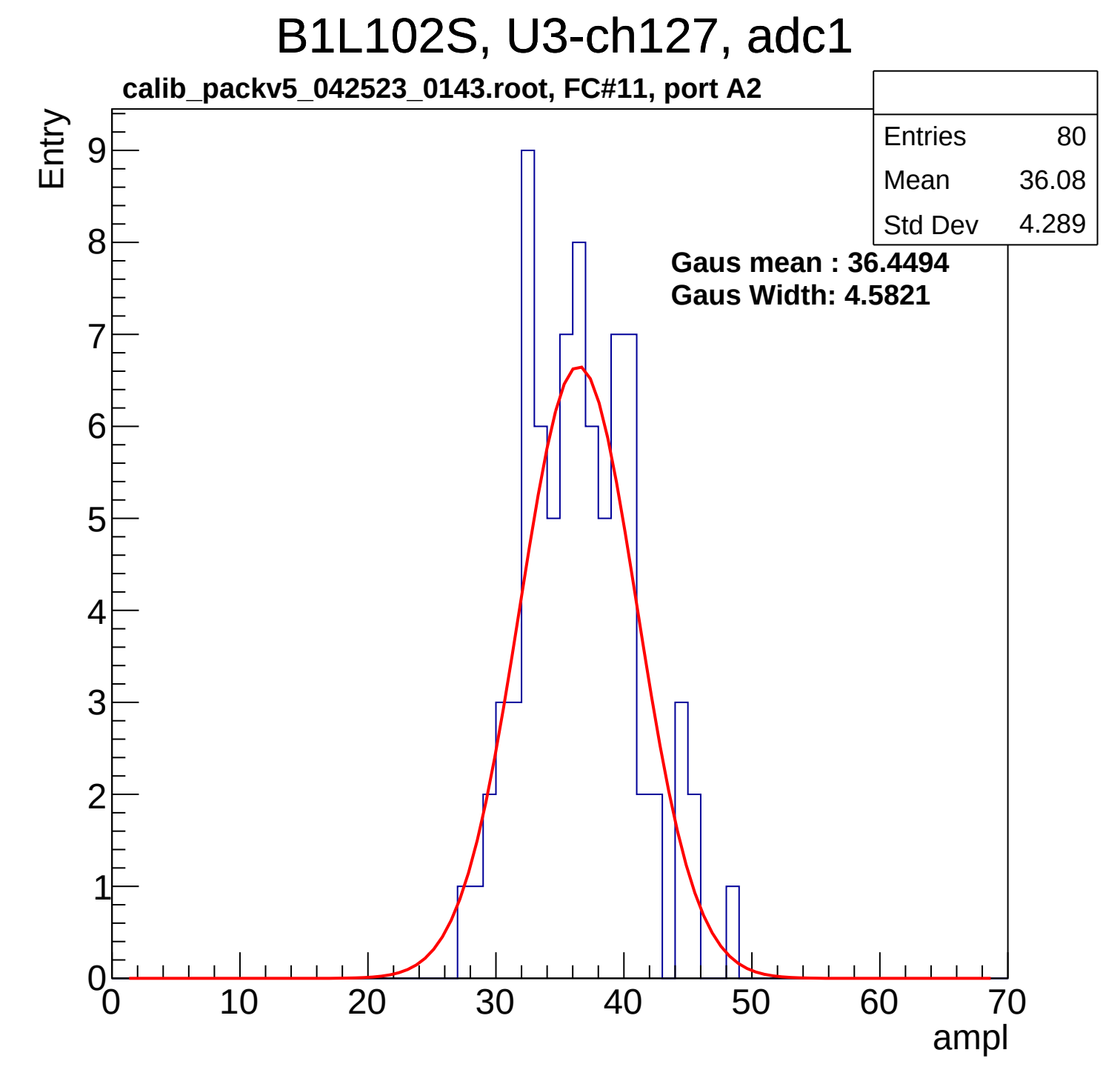
40
50
60
70


B1L102S, U3-ch127, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 36.08
Std Dev 4.289
Gaus mean : 36.4494
Gaus Width: 4.5821
Entry
ampl
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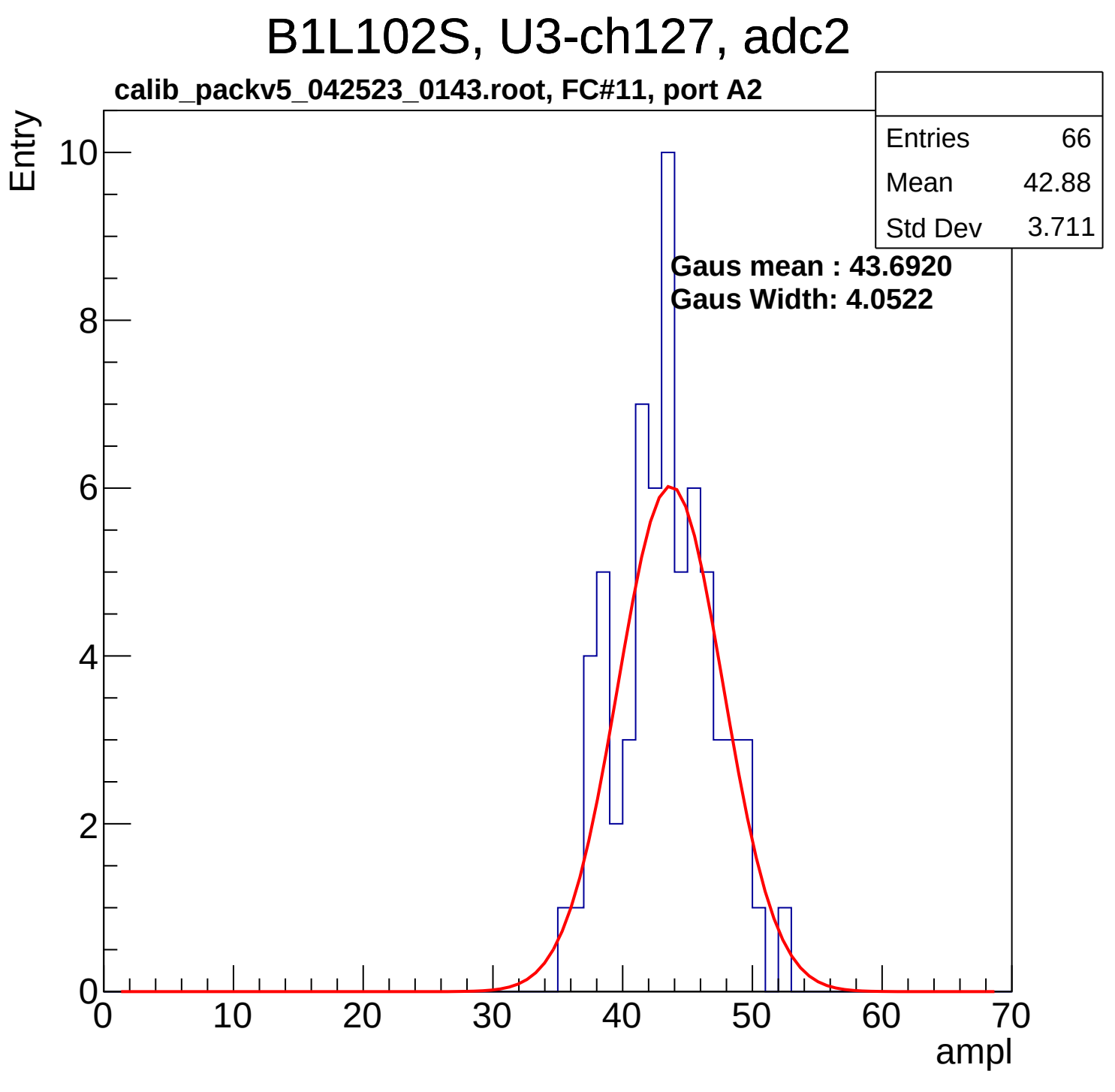
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch127, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 42.88
Std Dev 3.711
Gaus mean : 43.6920
Gaus Width: 4.0522
Entry
ampl
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4
6
8
10
0
10
20
30
40
50
60
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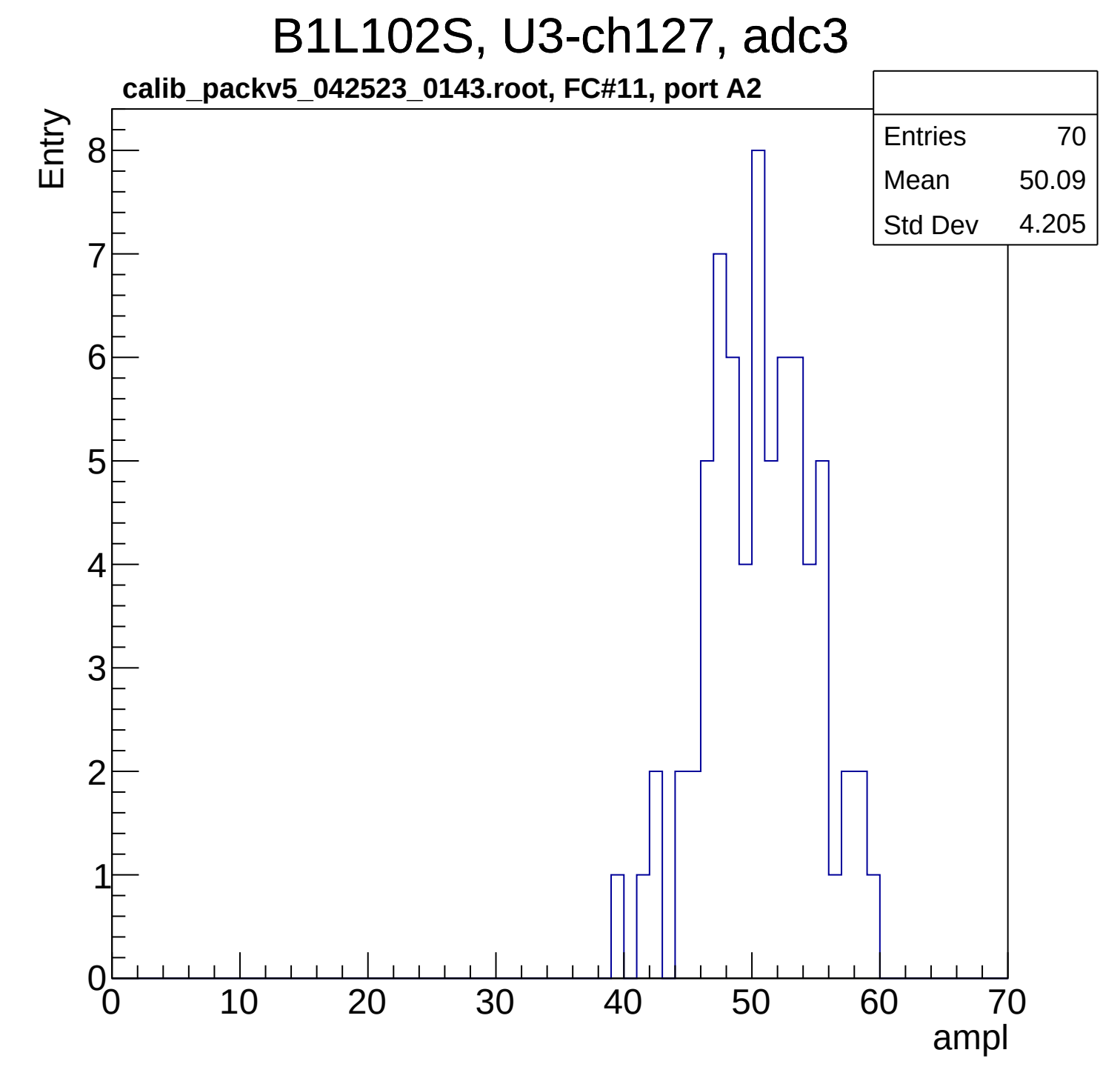
B1L102S, U3-ch127, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 50.09
Std Dev 4.205
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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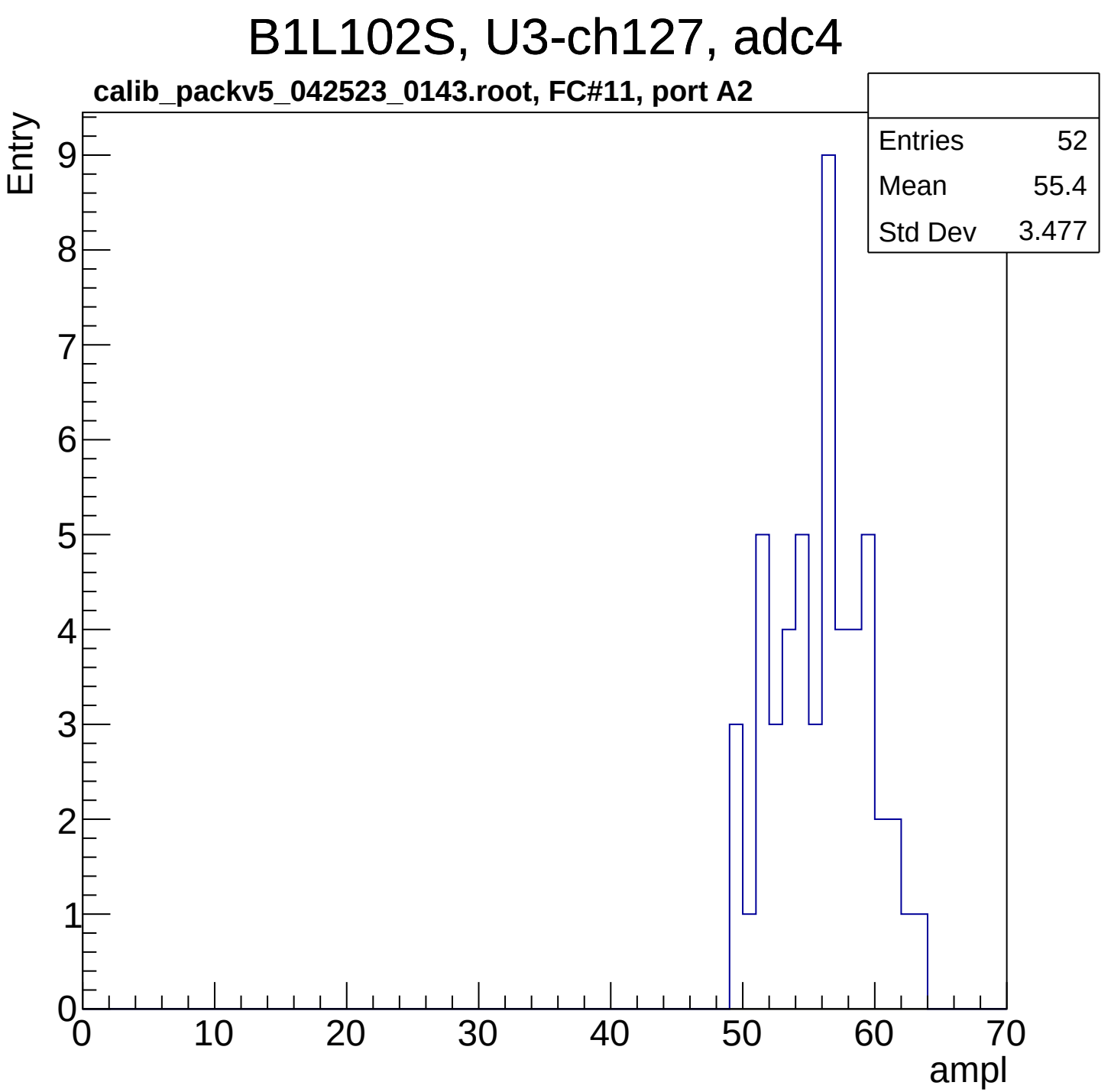
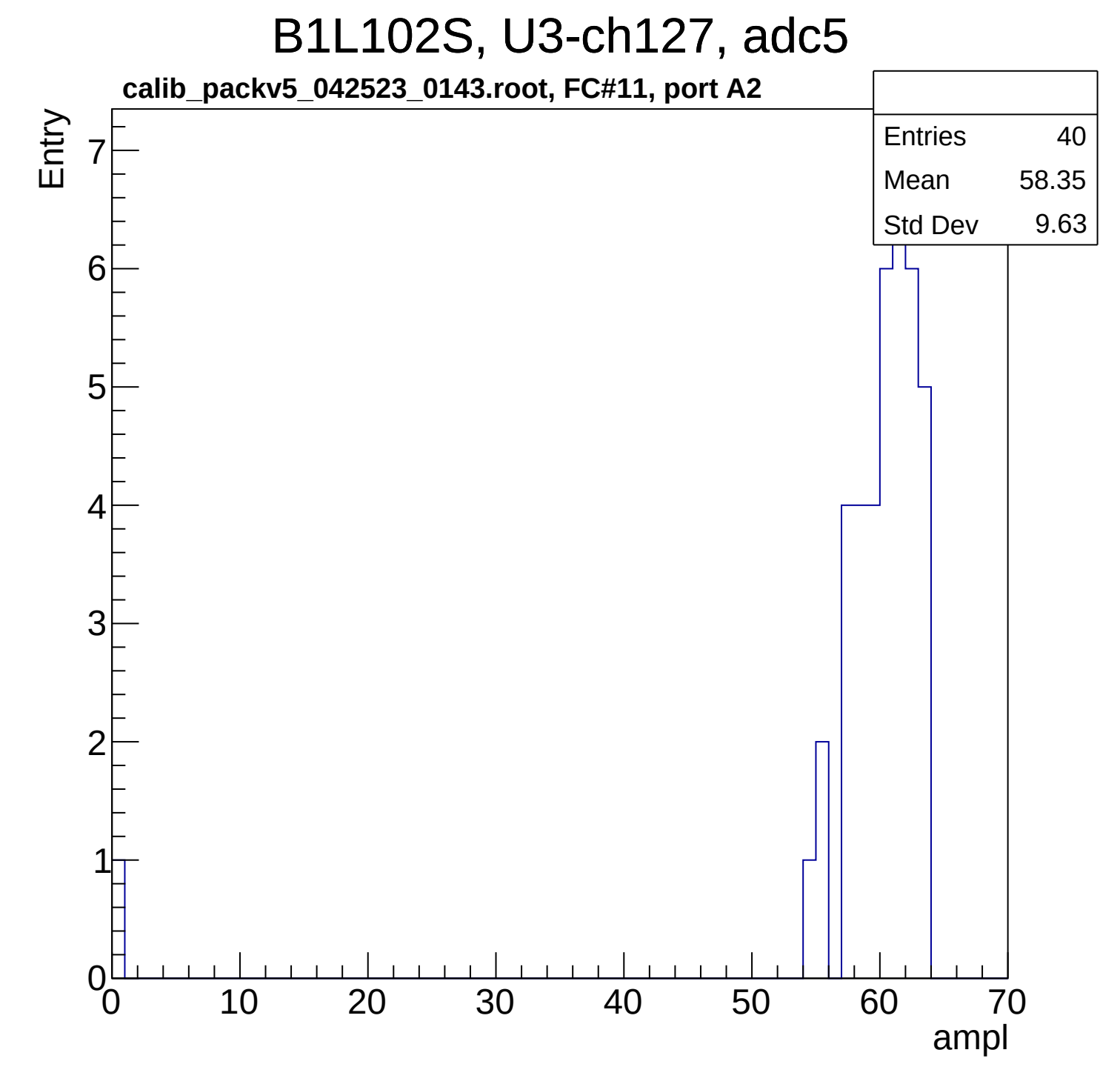
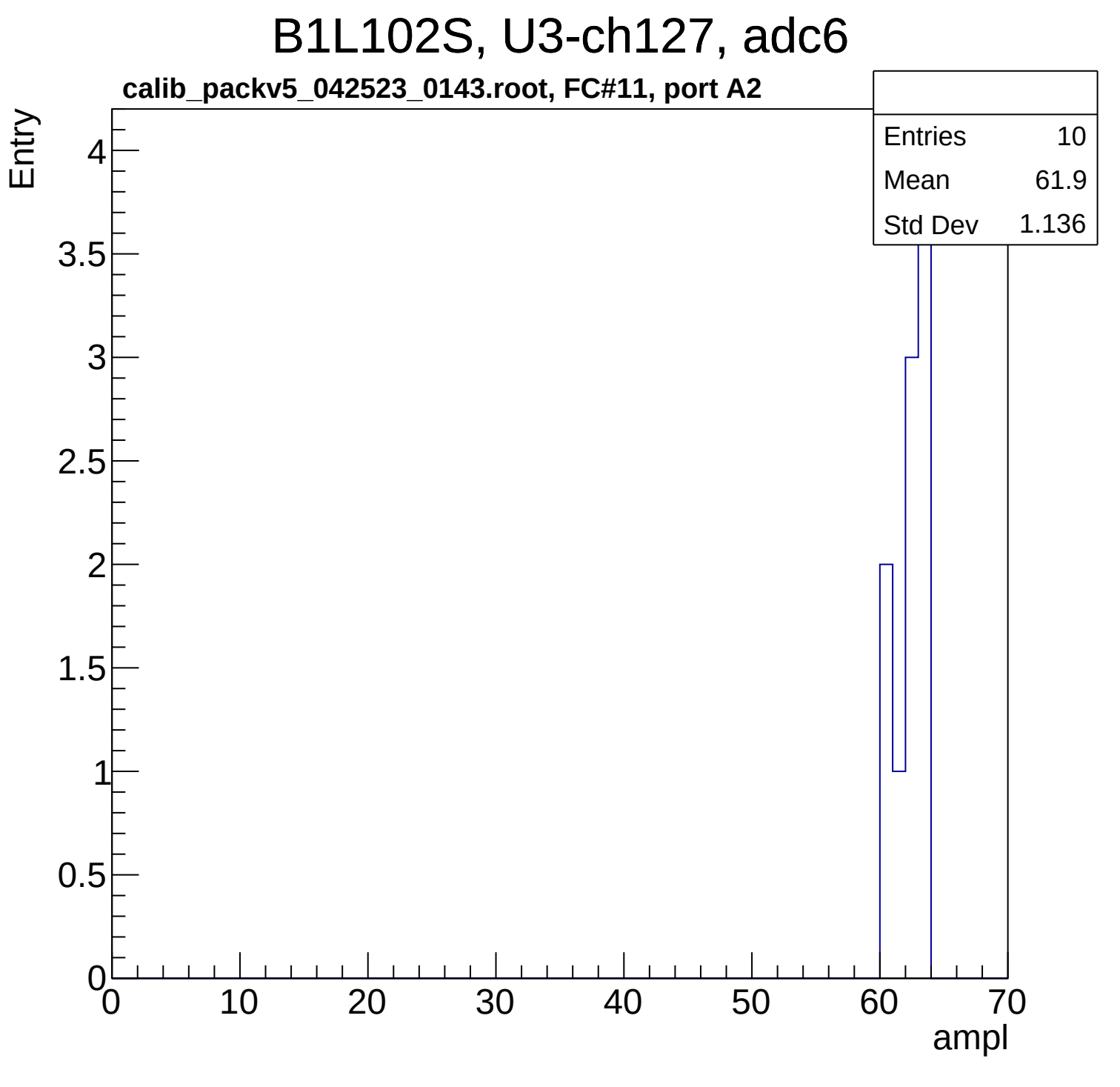
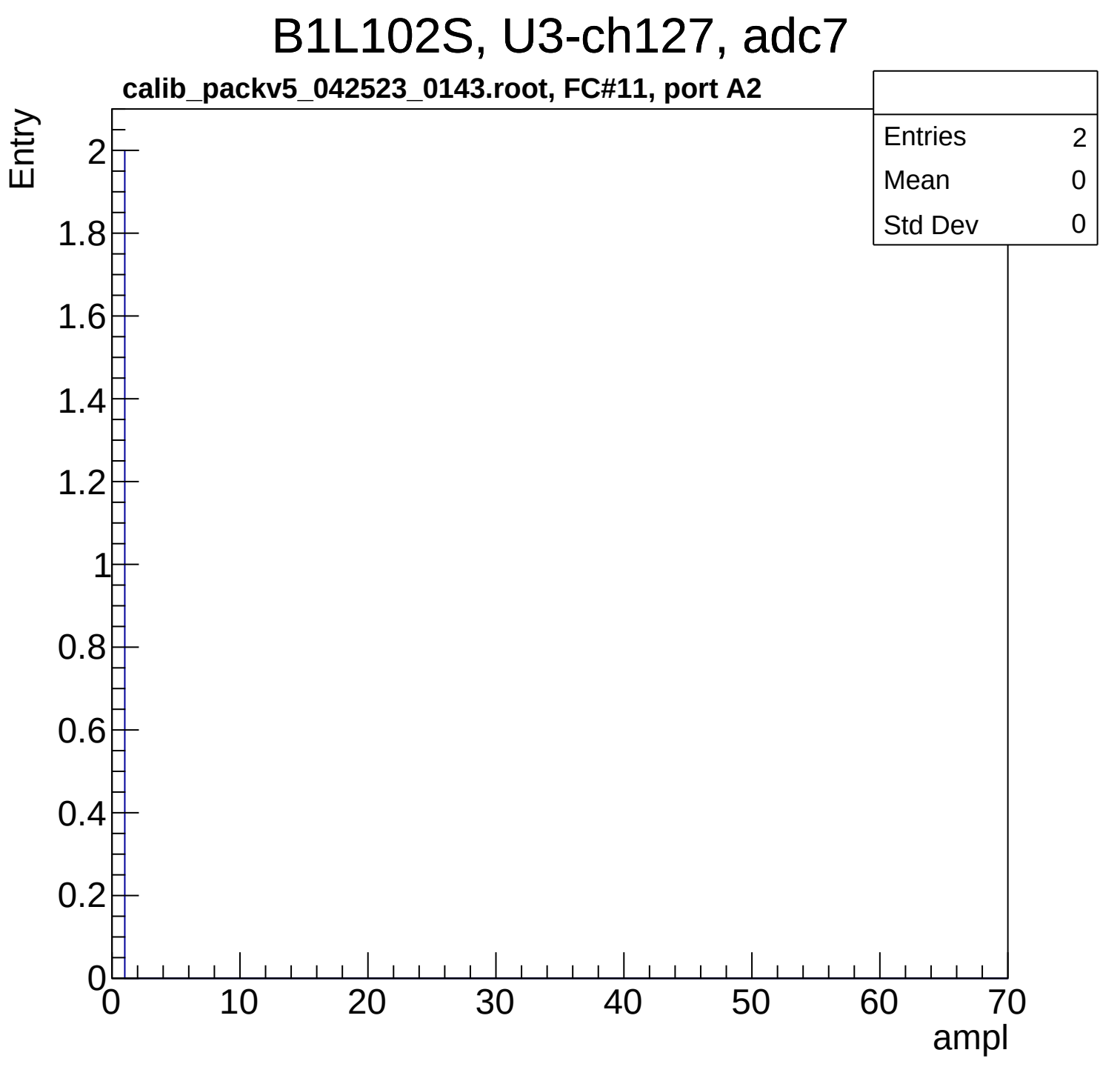
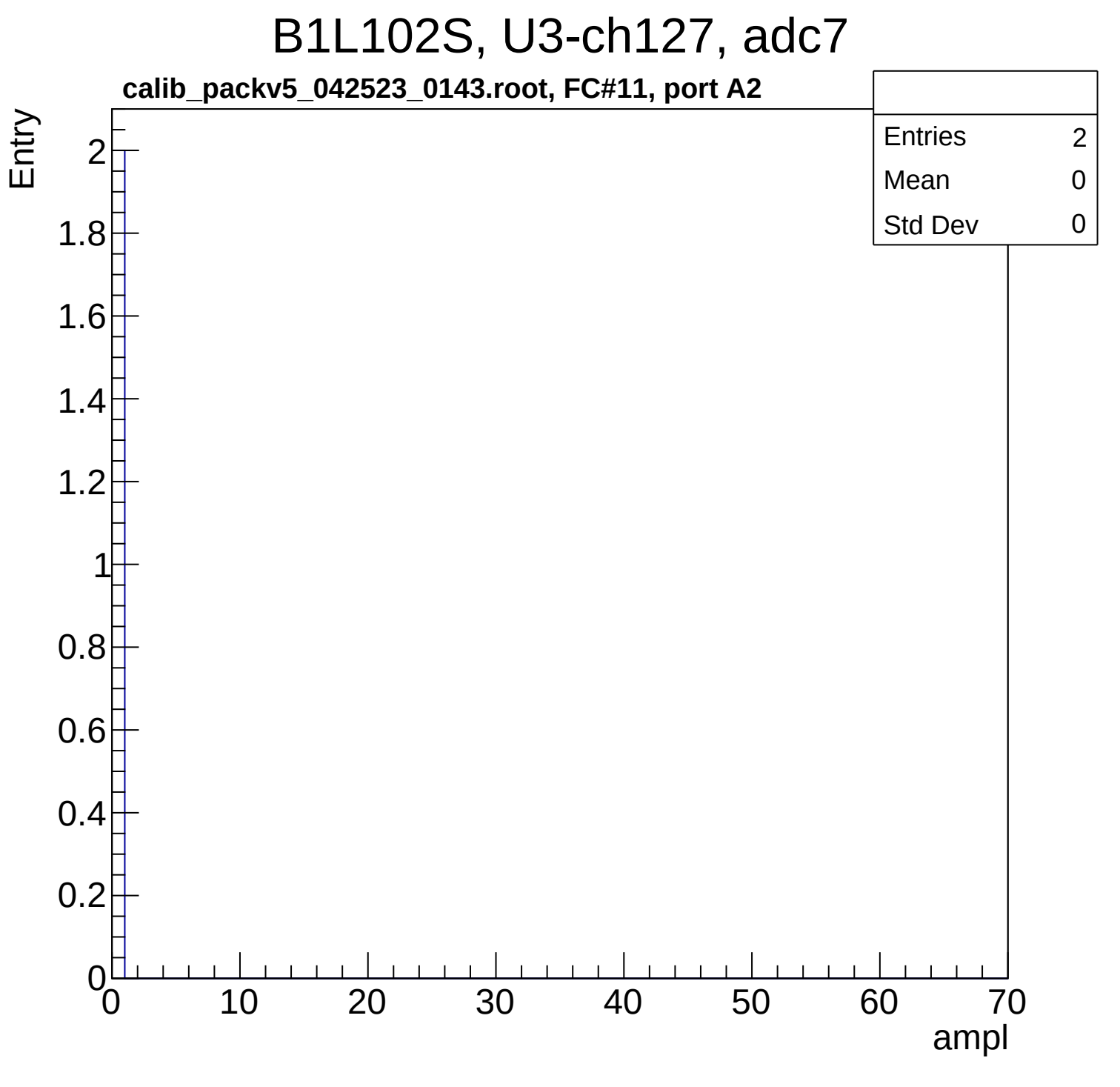
40
50
60
70


B1L102S, U3-ch127, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 55.4
Std Dev 3.477
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U3-ch127, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 58.35
Std Dev 9.63
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U3-ch127, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 61.9
Std Dev 1.136
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U3-ch127, 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, U3-ch127, 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