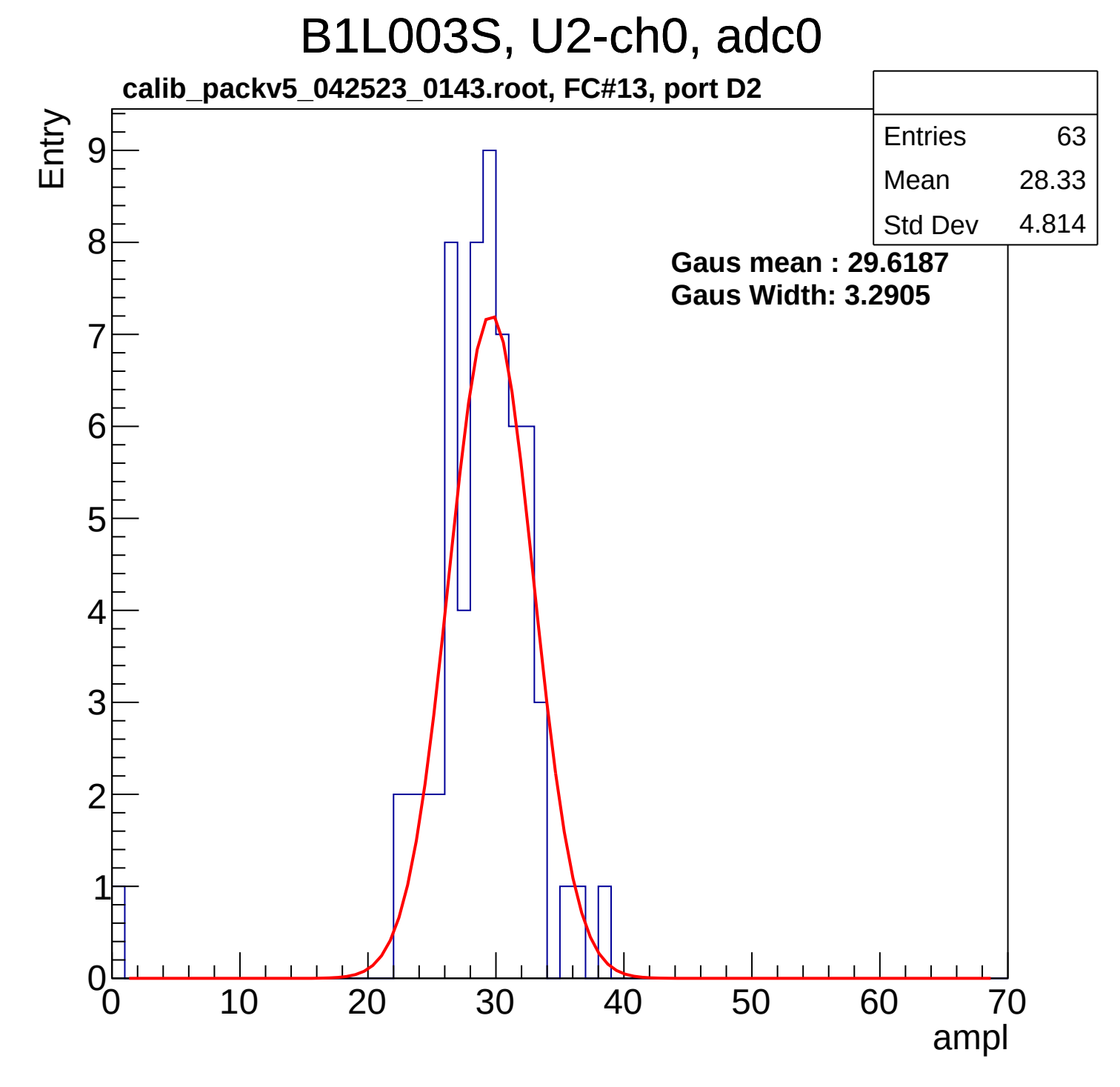
B1L003S, U2-ch0, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 28.33
Std Dev 4.814
Gaus mean : 29.6187
Gaus Width: 3.2905
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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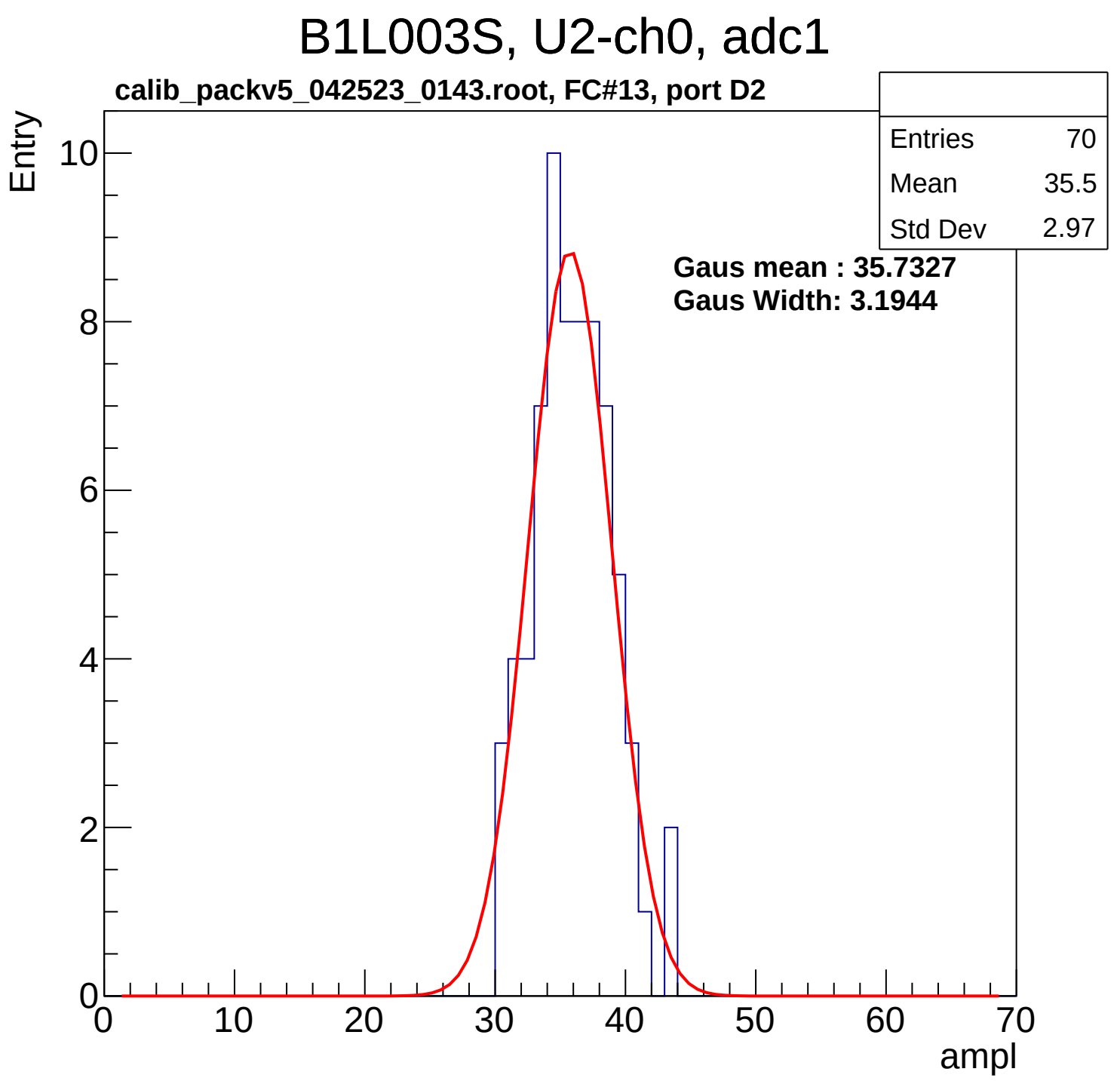
B1L003S, U2-ch0, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 35.5
Std Dev 2.97
Gaus mean : 35.7327
Gaus Width: 3.1944
Entry
ampl
0
2
4
6
8
10
0
10
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40
50
60
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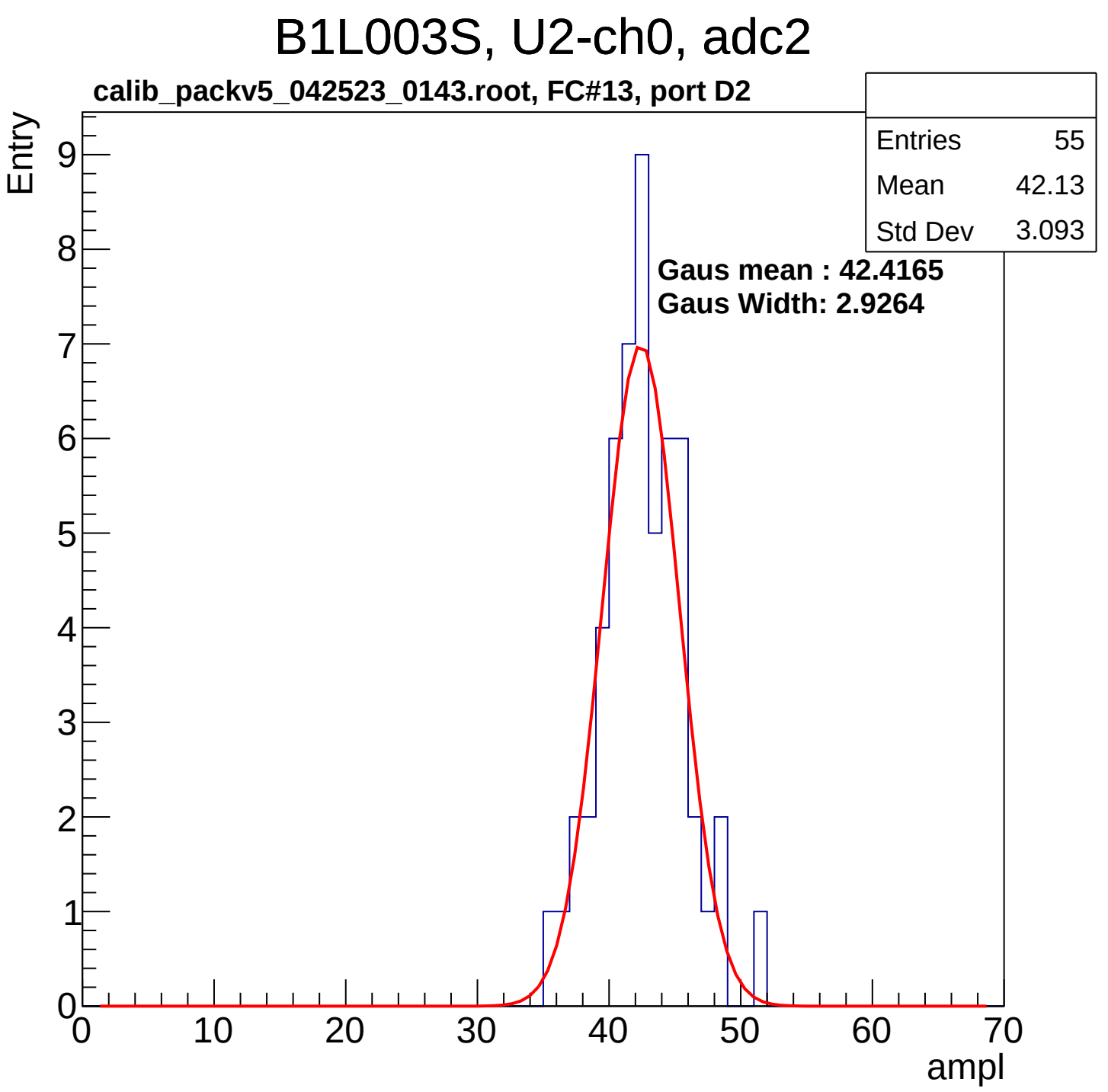
B1L003S, U2-ch0, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 42.13
Std Dev 3.093
Gaus mean : 42.4165
Gaus Width: 2.9264
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
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60
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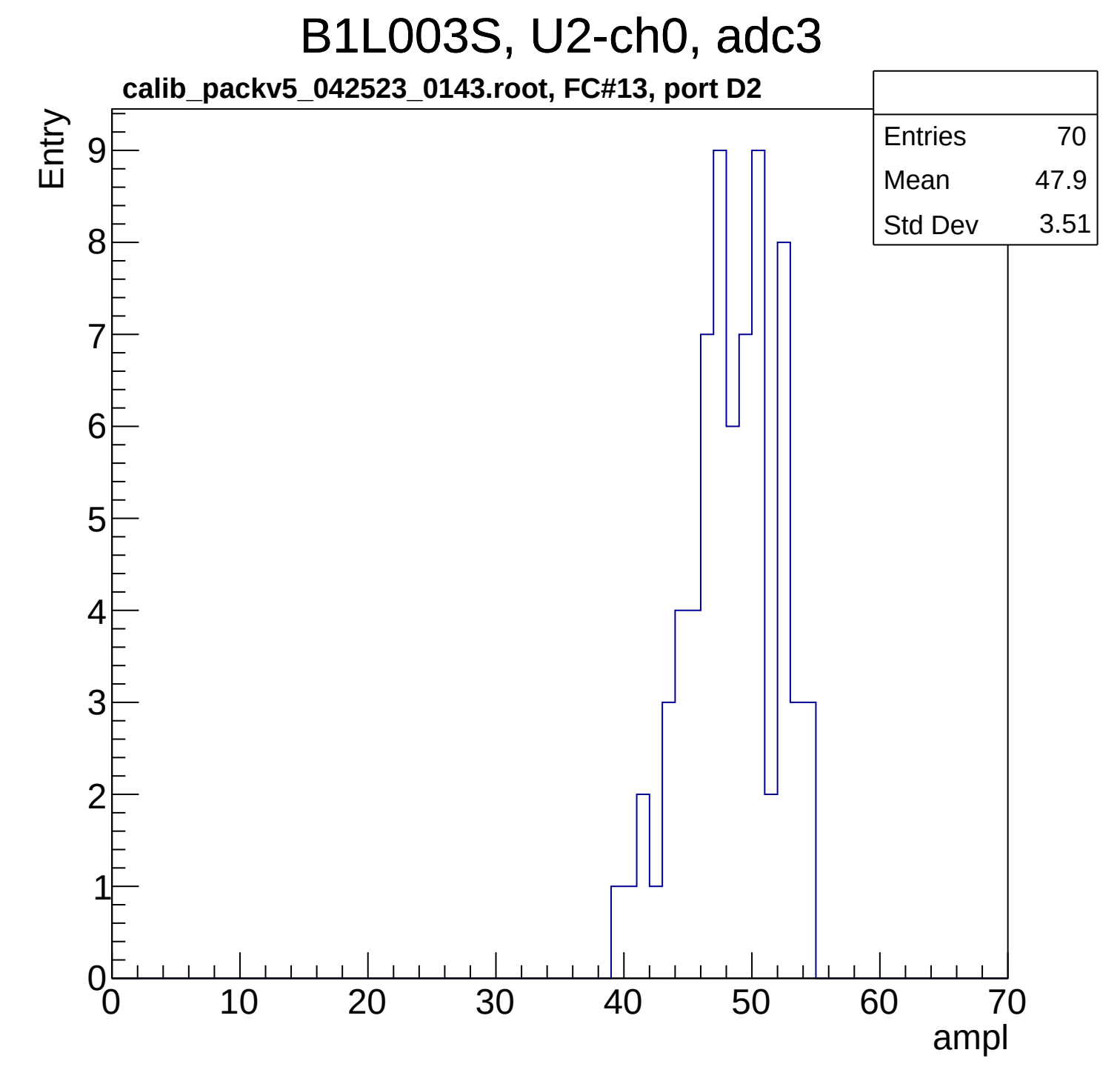
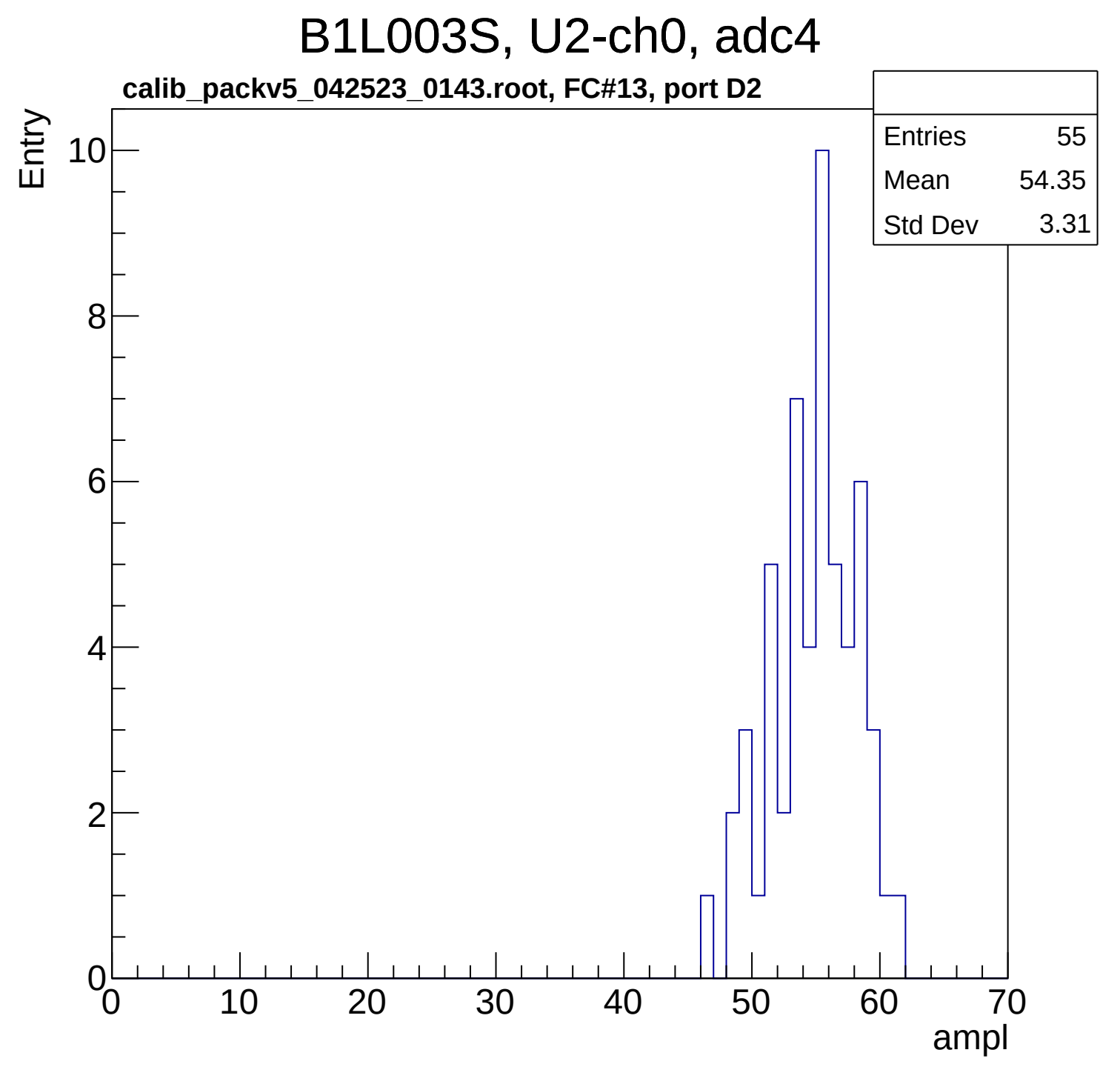
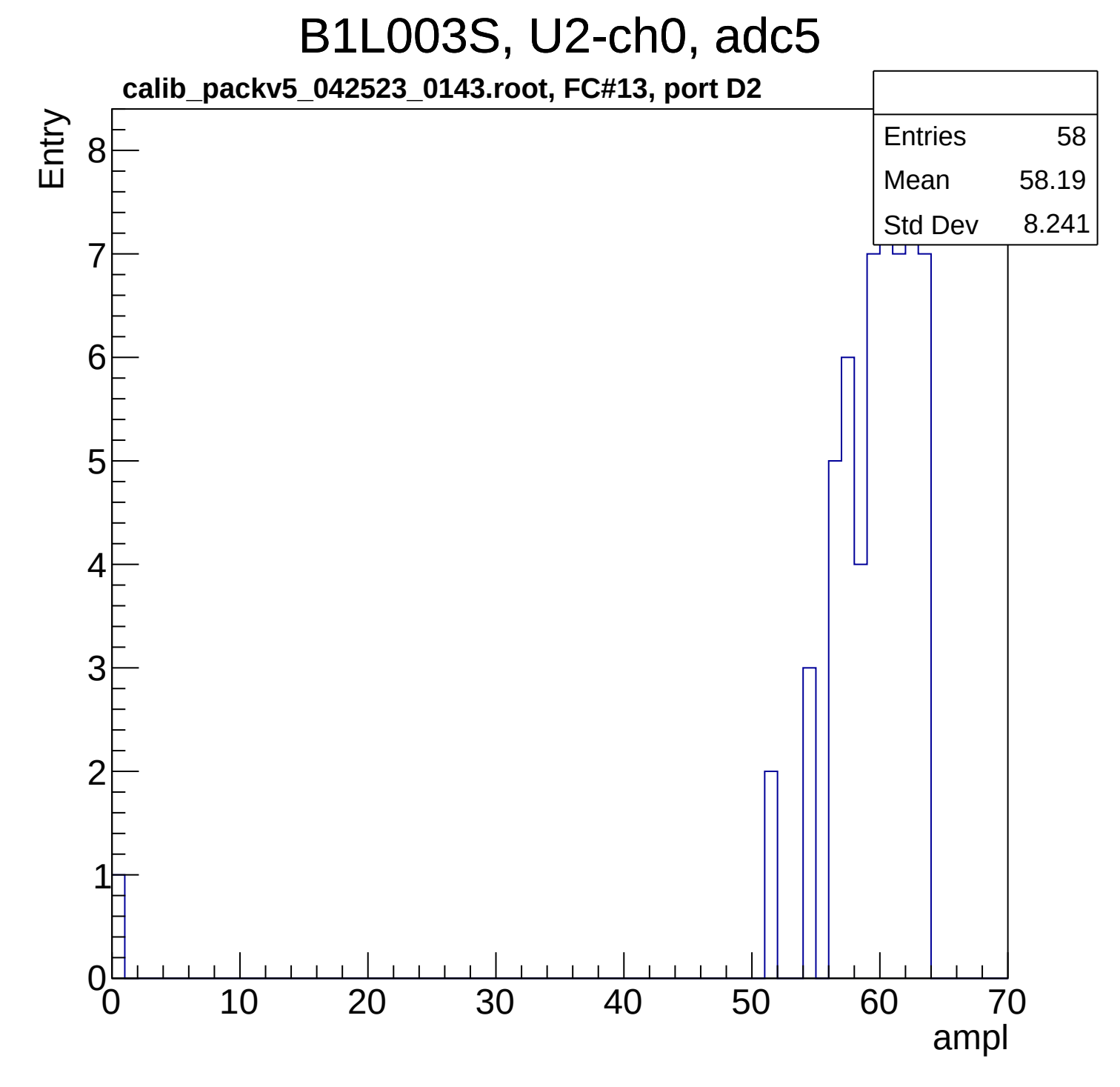

B1L003S, U2-ch0, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 47.9
Std Dev 3.51
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch0, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 54.35
Std Dev 3.31
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch0, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 58.19
Std Dev 8.241
Entry
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3
4
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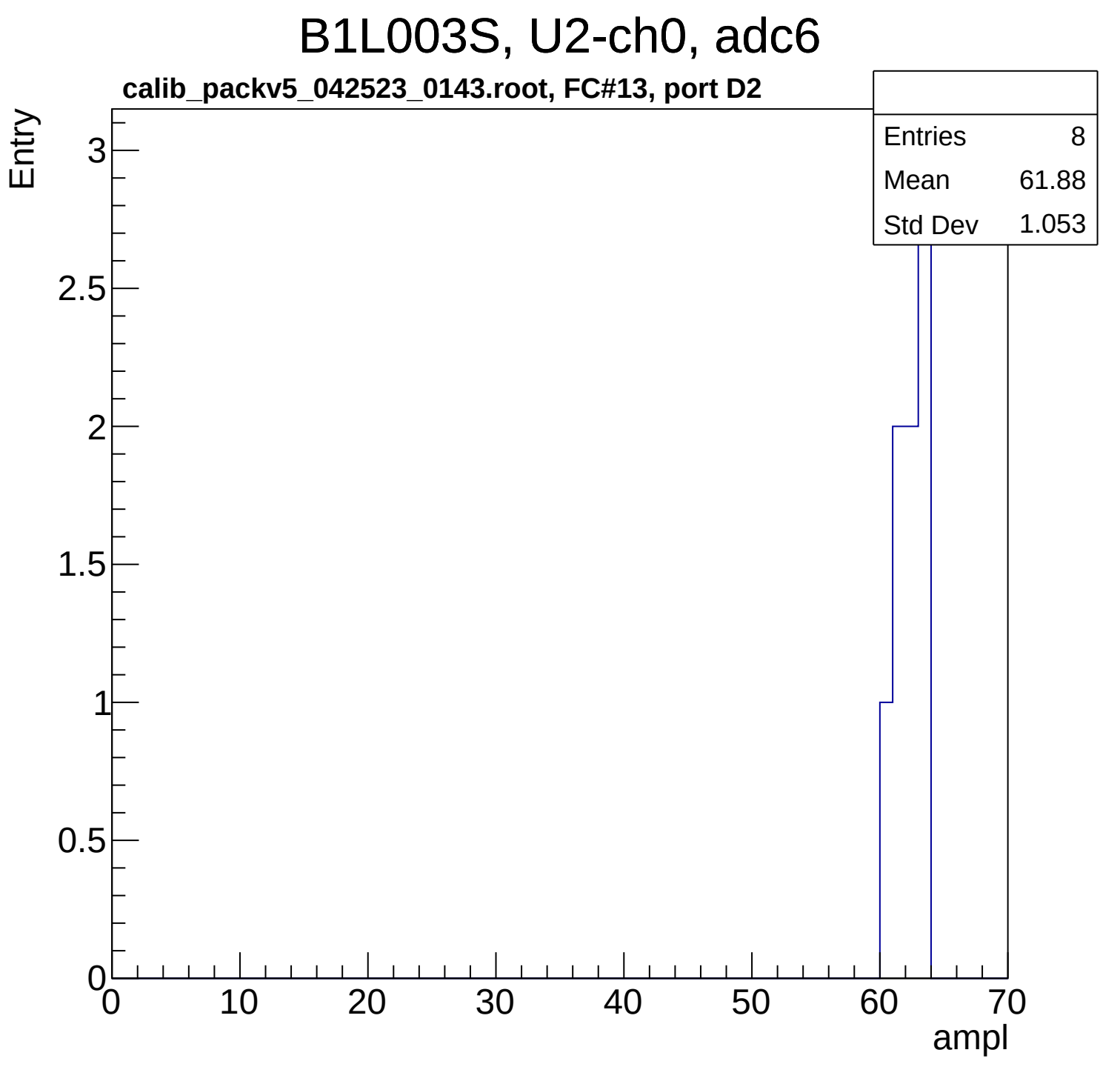
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch0, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 61.88
Std Dev 1.053
Entry
ampl
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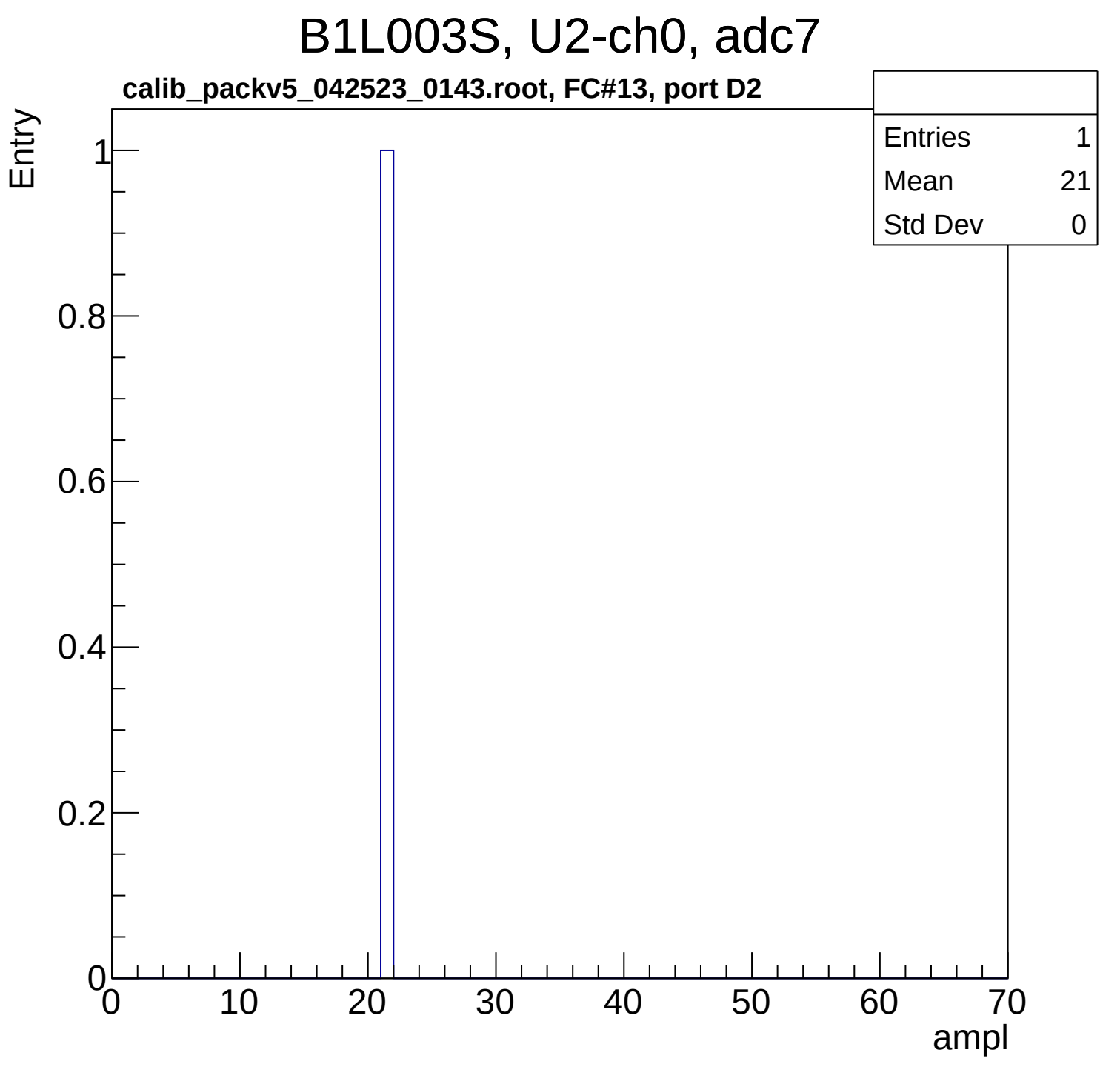
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch0, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 21
Std Dev 0
Entry
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0.6
0.4
0.2
0
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10
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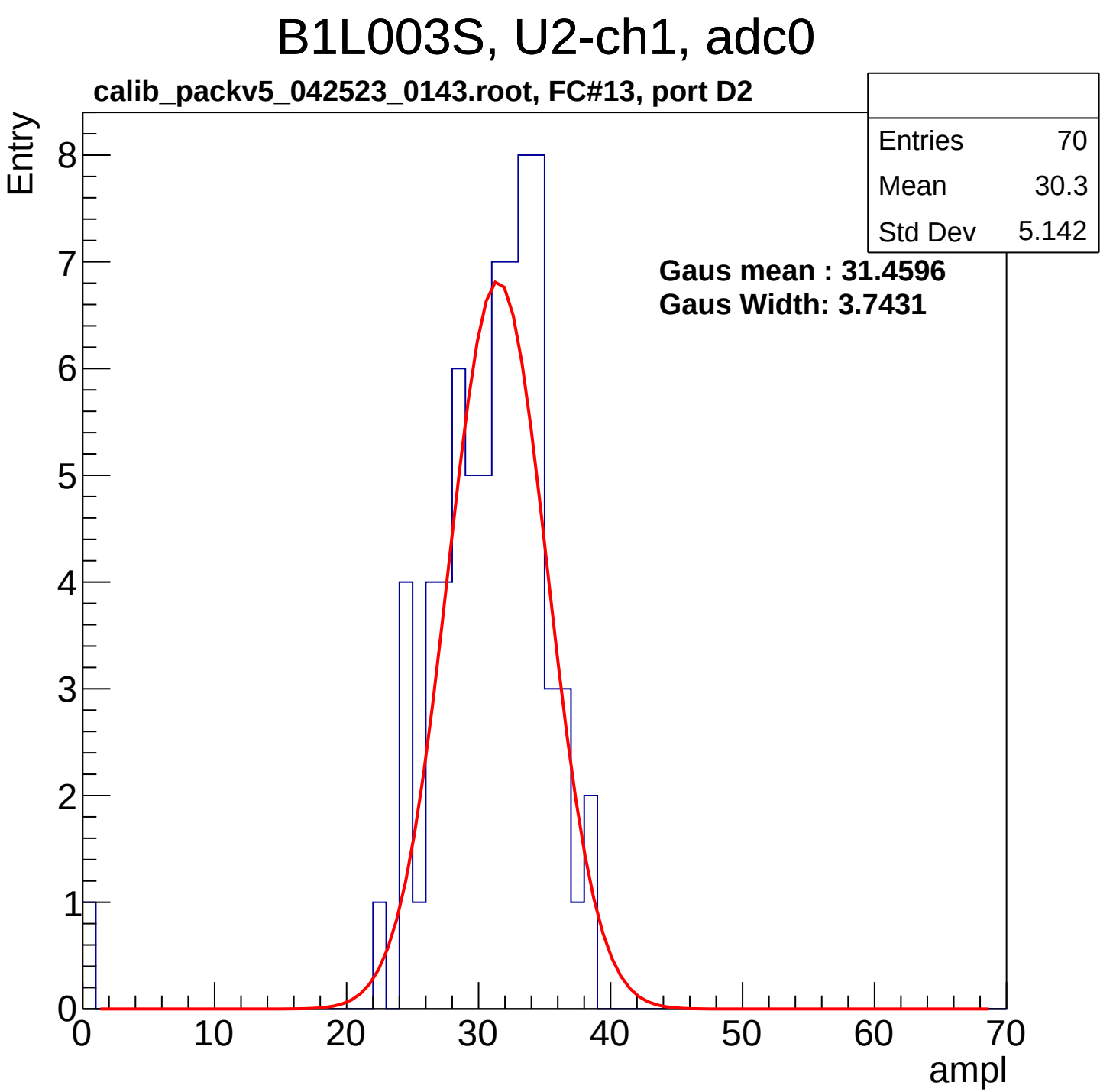
40
50
60
70
ampl


B1L003S, U2-ch1, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 30.3
Std Dev 5.142
Gaus mean : 31.4596
Gaus Width: 3.7431
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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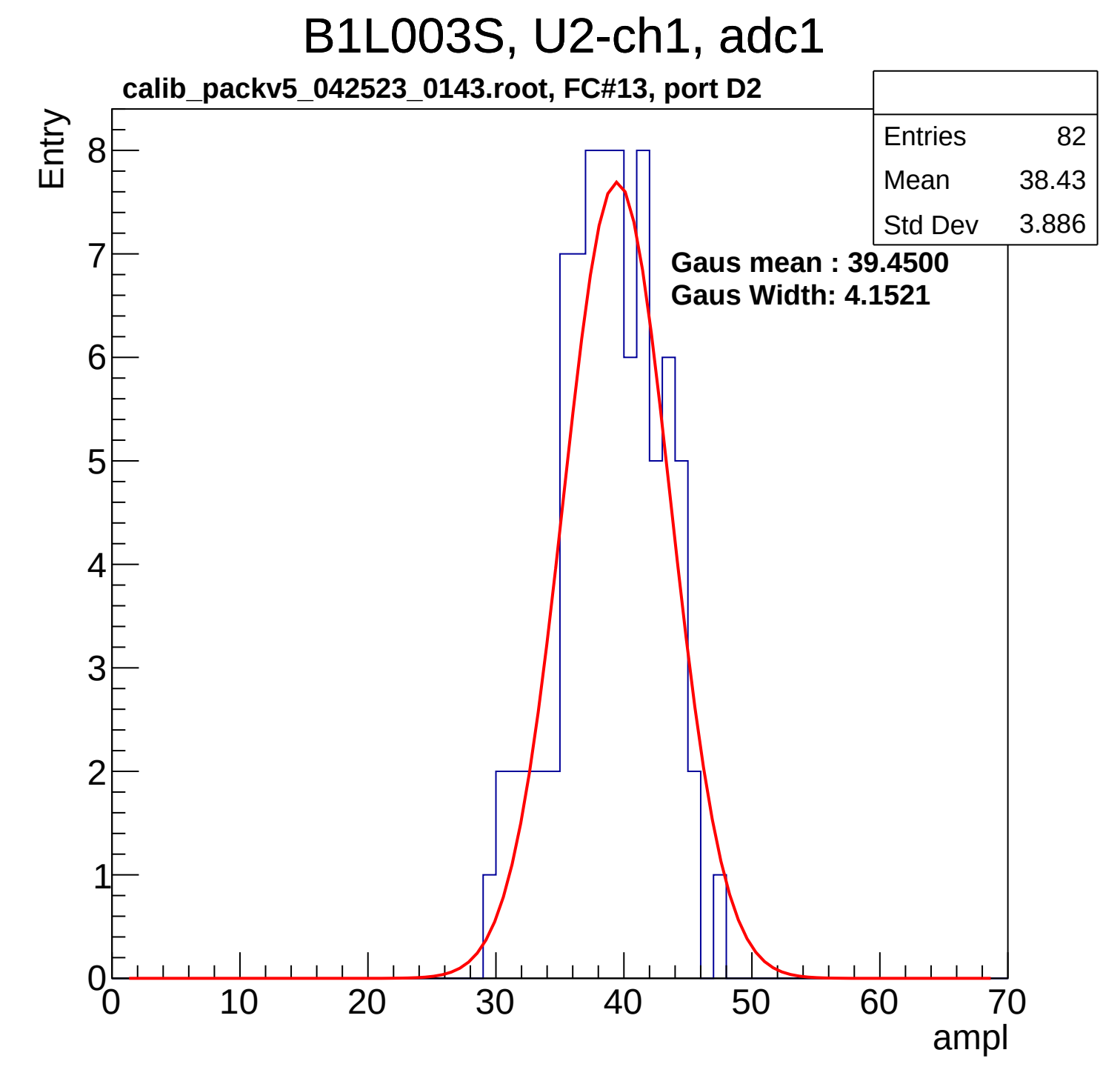
B1L003S, U2-ch1, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 38.43
Std Dev 3.886
Gaus mean : 39.4500
Gaus Width: 4.1521
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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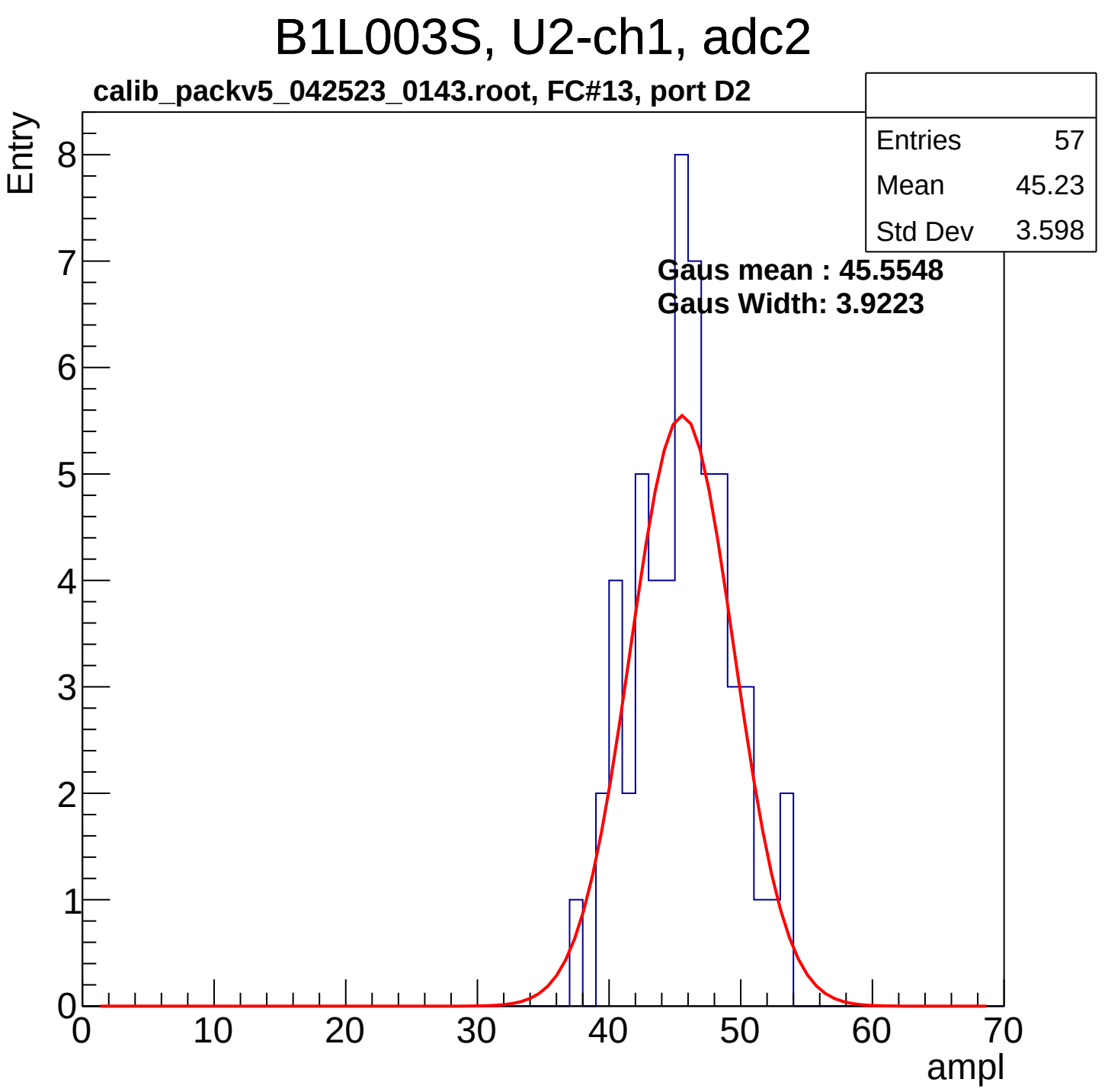
B1L003S, U2-ch1, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 45.23
Std Dev 3.598
Gaus mean : 45.5548
Gaus Width: 3.9223
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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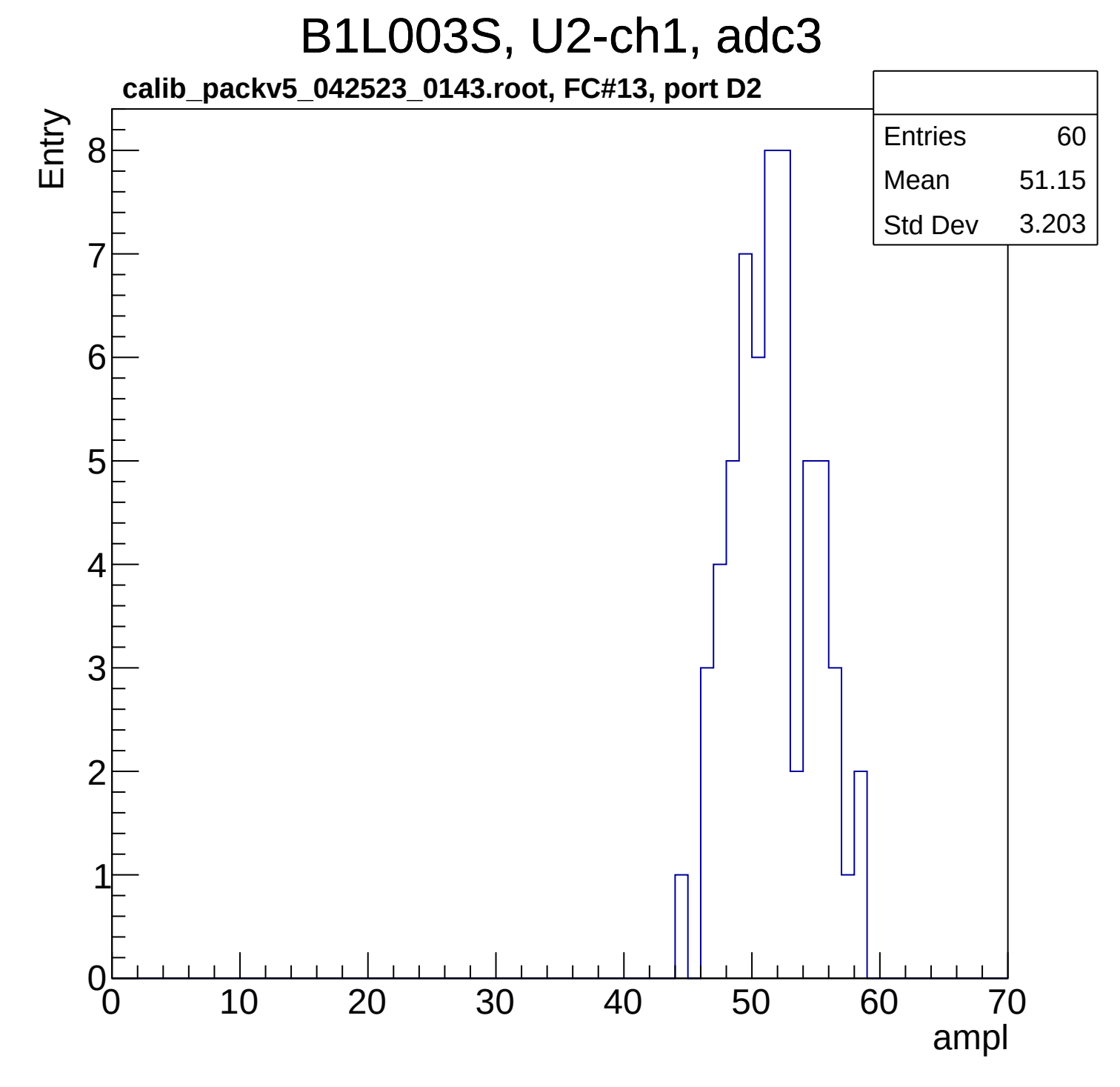
B1L003S, U2-ch1, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 51.15
Std Dev 3.203
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
30
40
50
60
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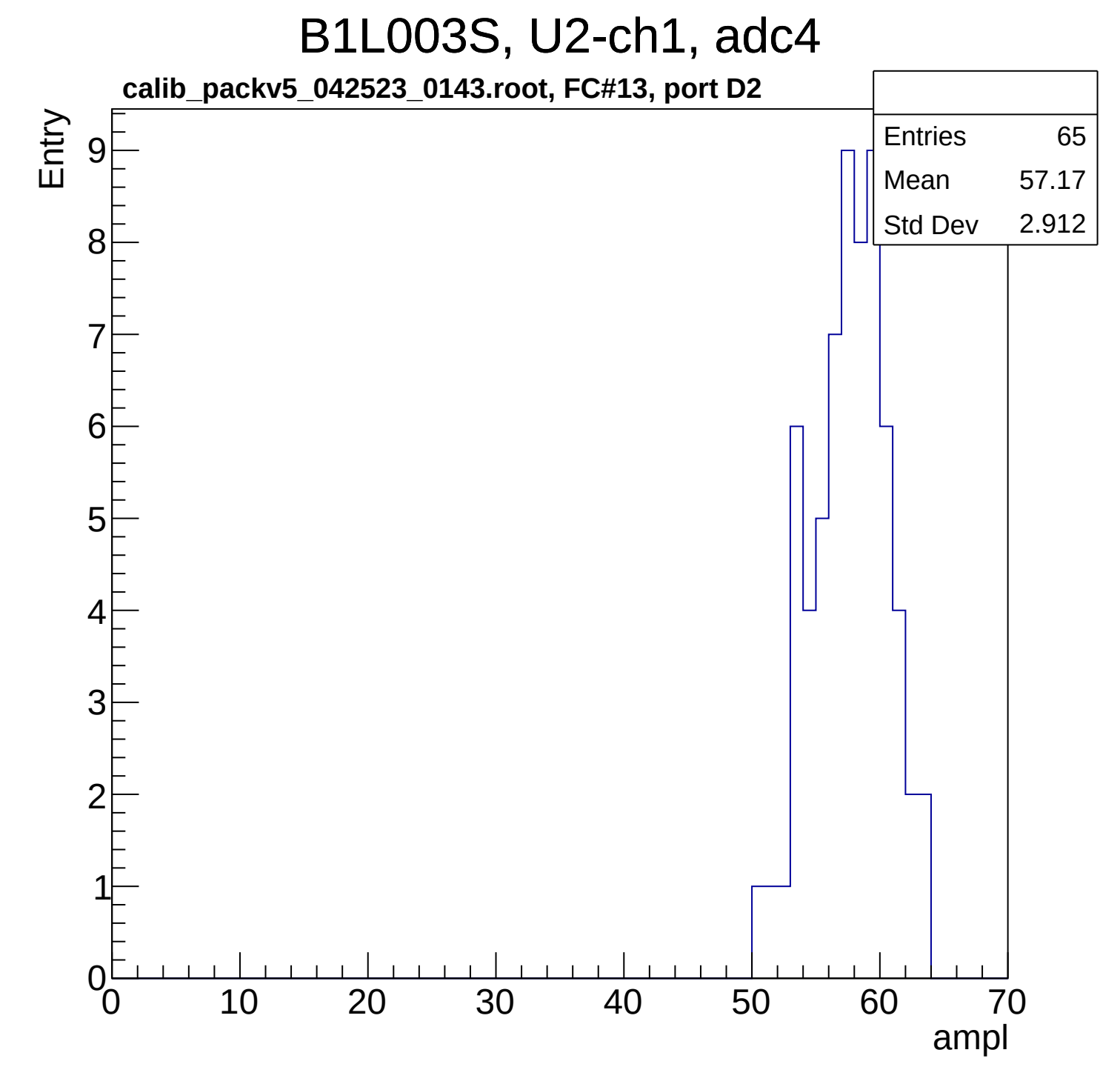
B1L003S, U2-ch1, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 57.17
Std Dev 2.912
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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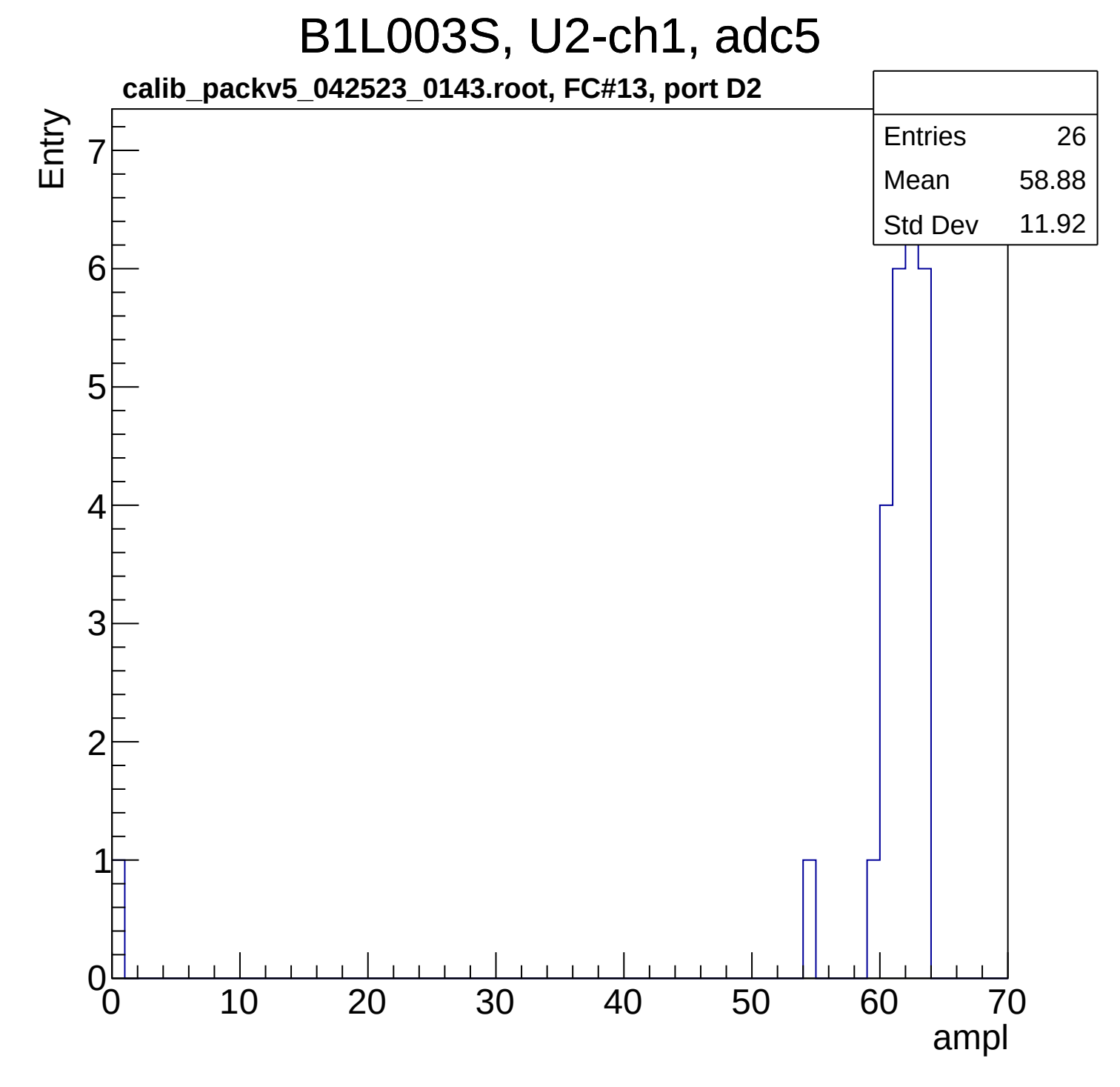
B1L003S, U2-ch1, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 26
Mean 58.88
Std Dev 11.92
Entry
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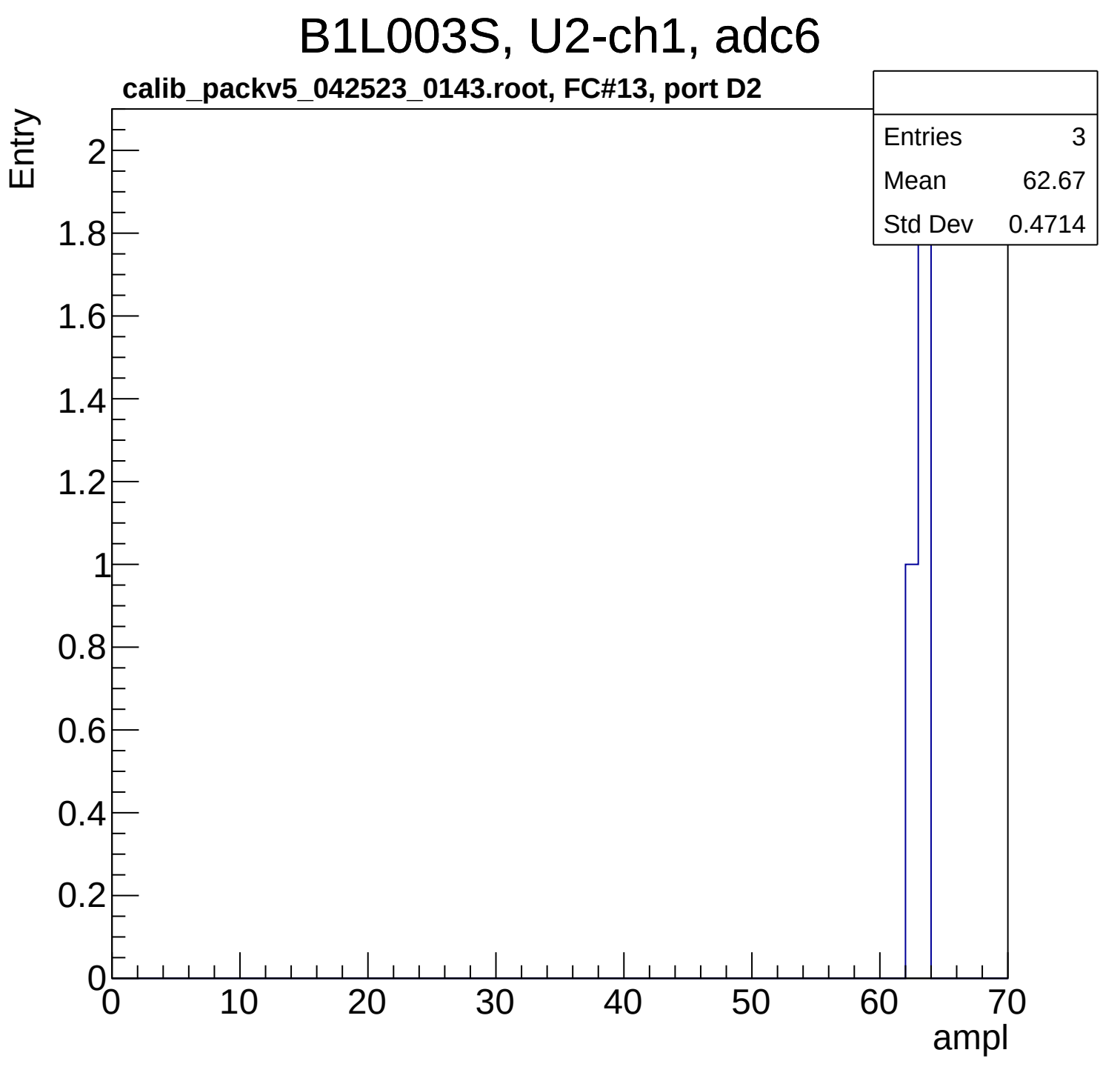
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch1, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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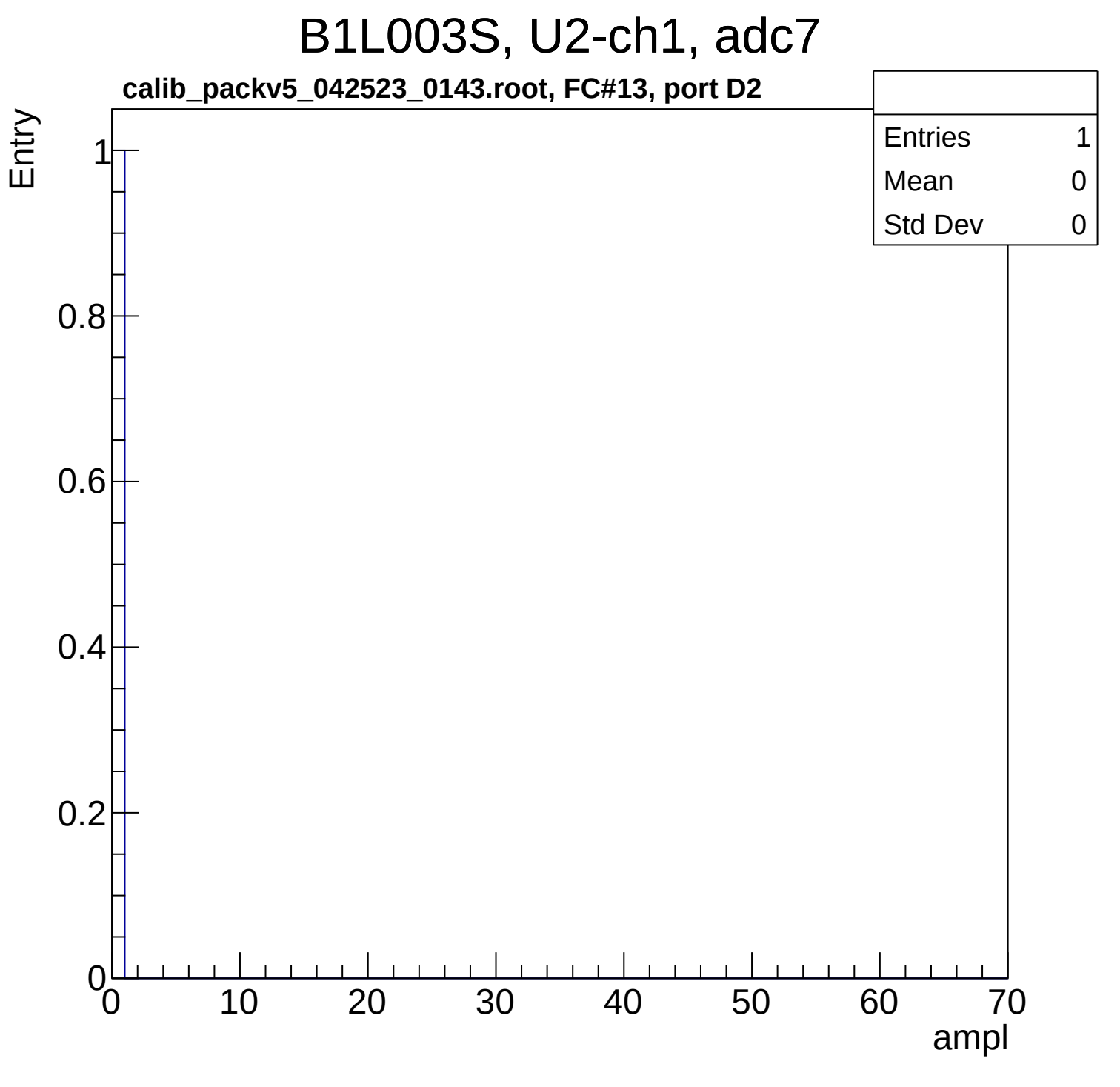
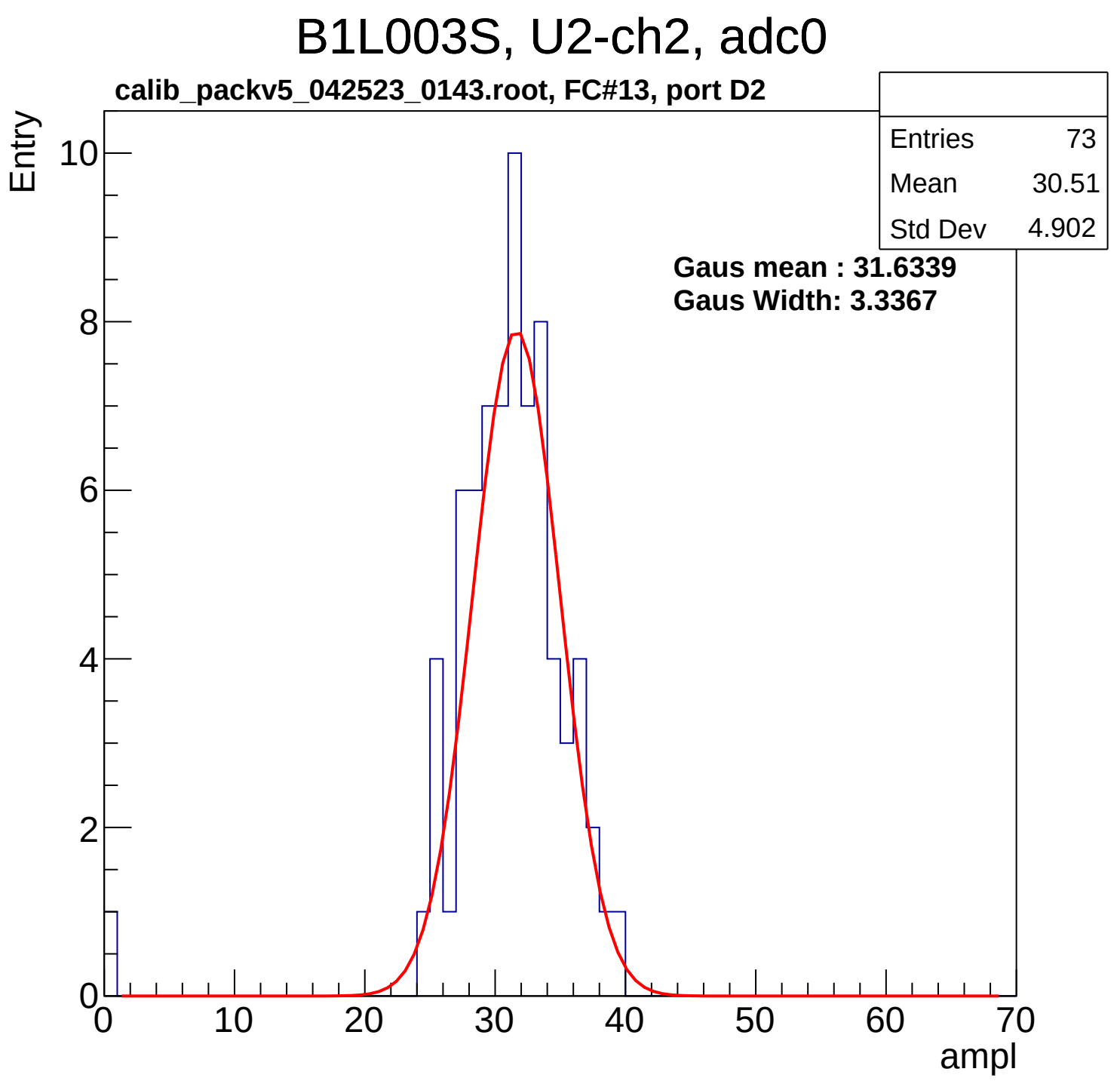
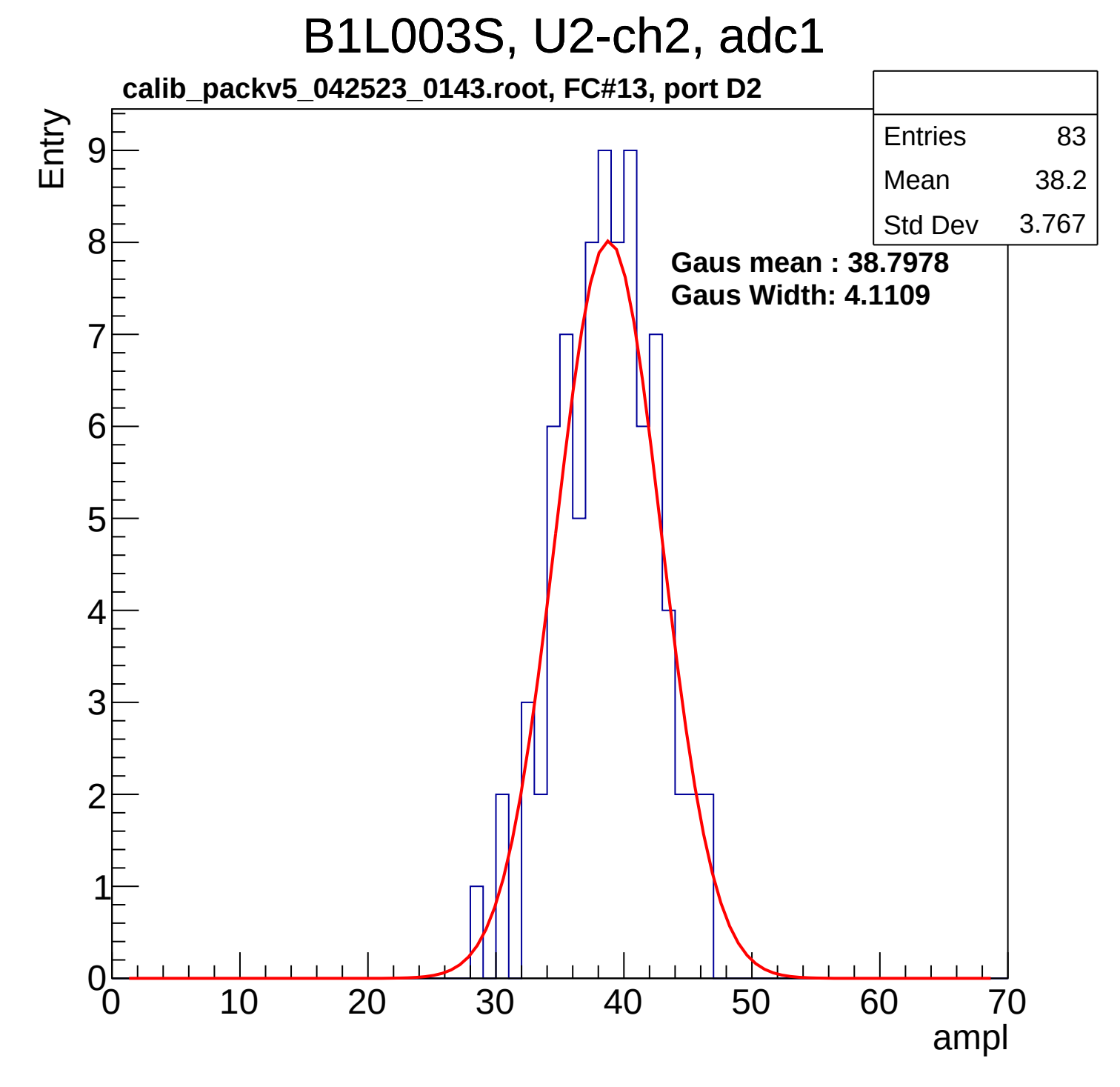

B1L003S, U2-ch1, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch2, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 30.51
Std Dev 4.902
Gaus mean : 31.6339
Gaus Width: 3.3367
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch2, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 38.2
Std Dev 3.767
Gaus mean : 38.7978
Gaus Width: 4.1109
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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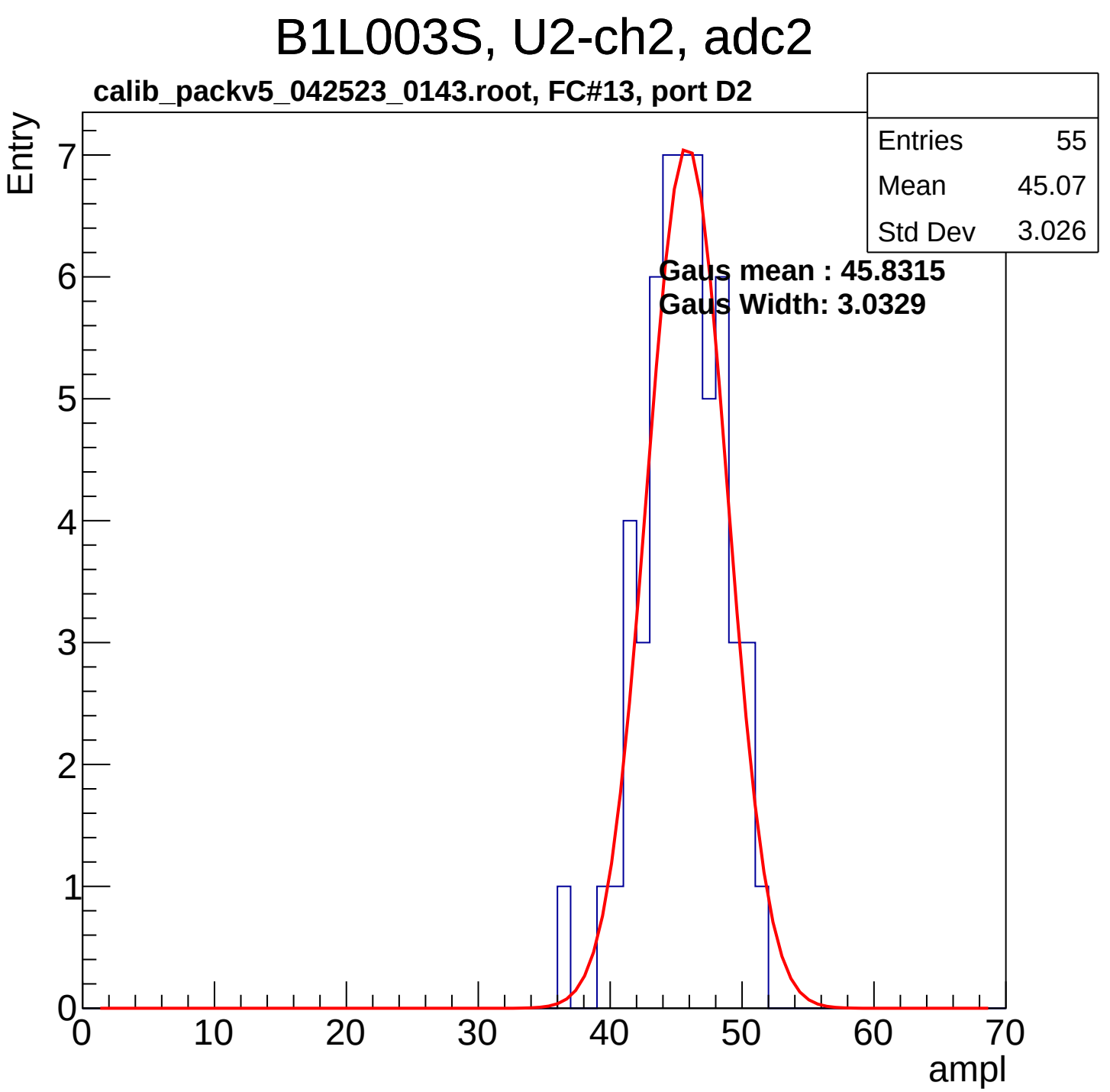
B1L003S, U2-ch2, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 45.07
Std Dev 3.026
Gaus mean : 45.8315
Gaus Width: 3.0329
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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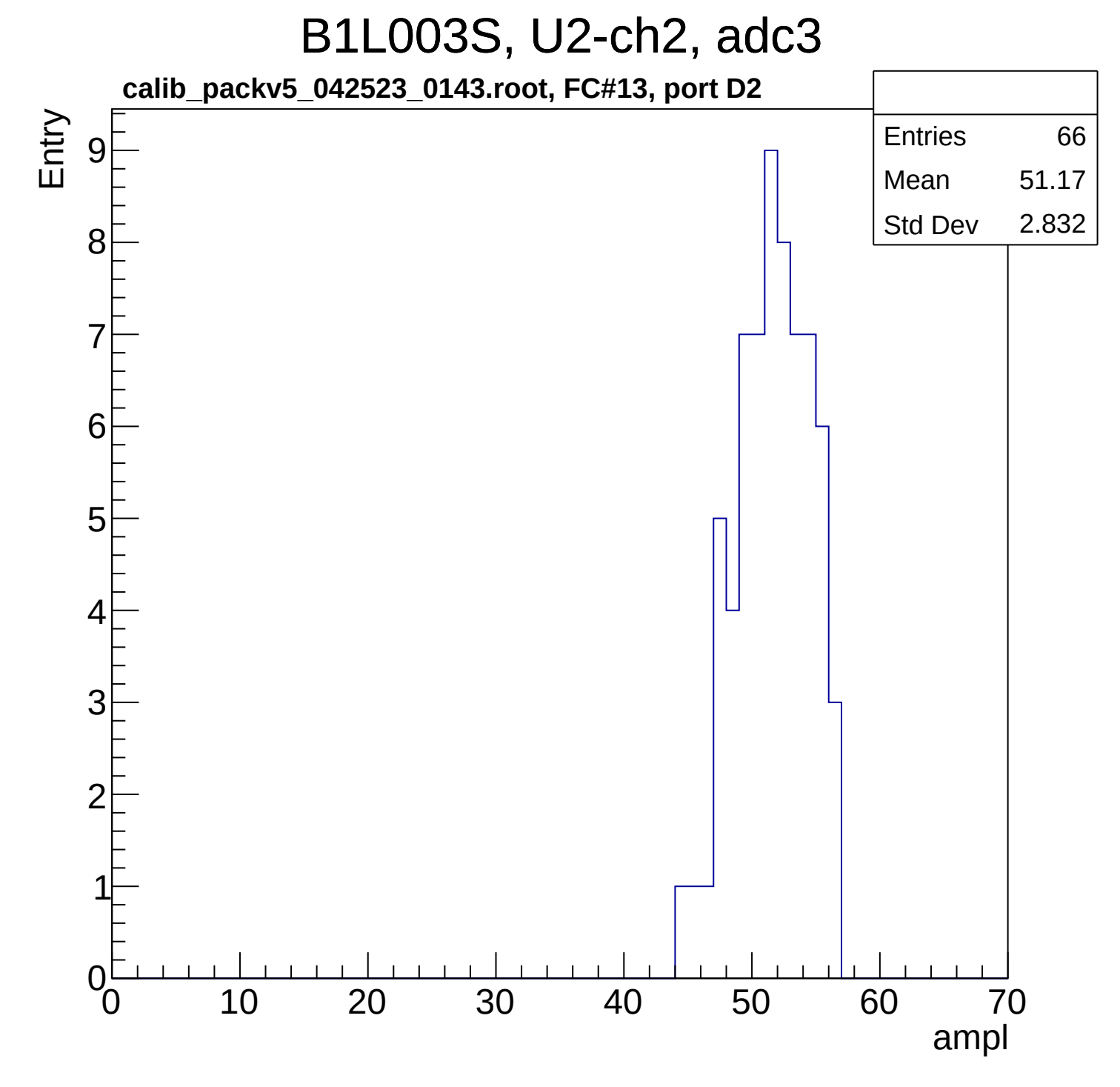
B1L003S, U2-ch2, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 51.17
Std Dev 2.832
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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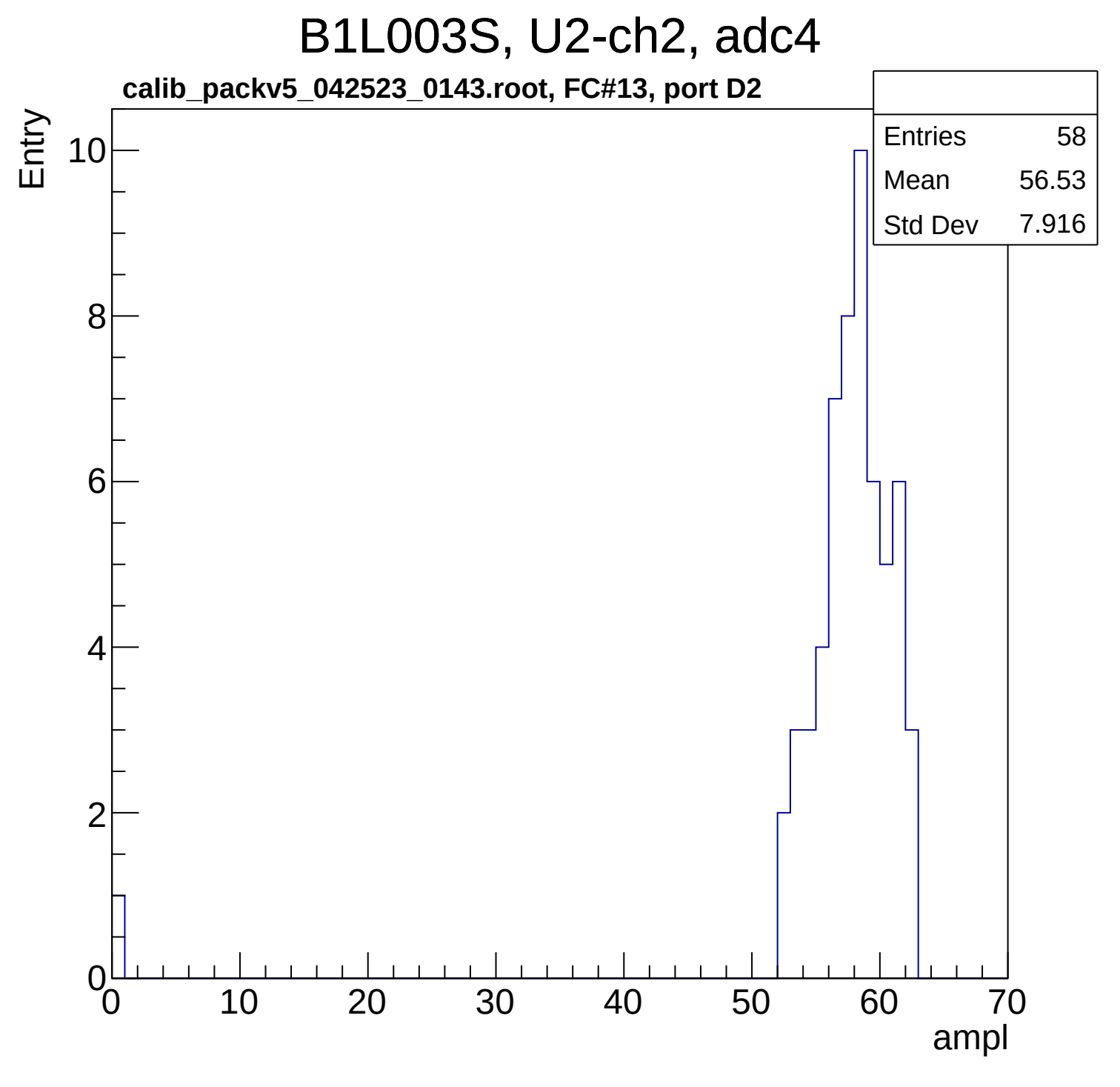
B1L003S, U2-ch2, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 56.53
Std Dev 7.916
Entry
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2
4
6
8
10
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10
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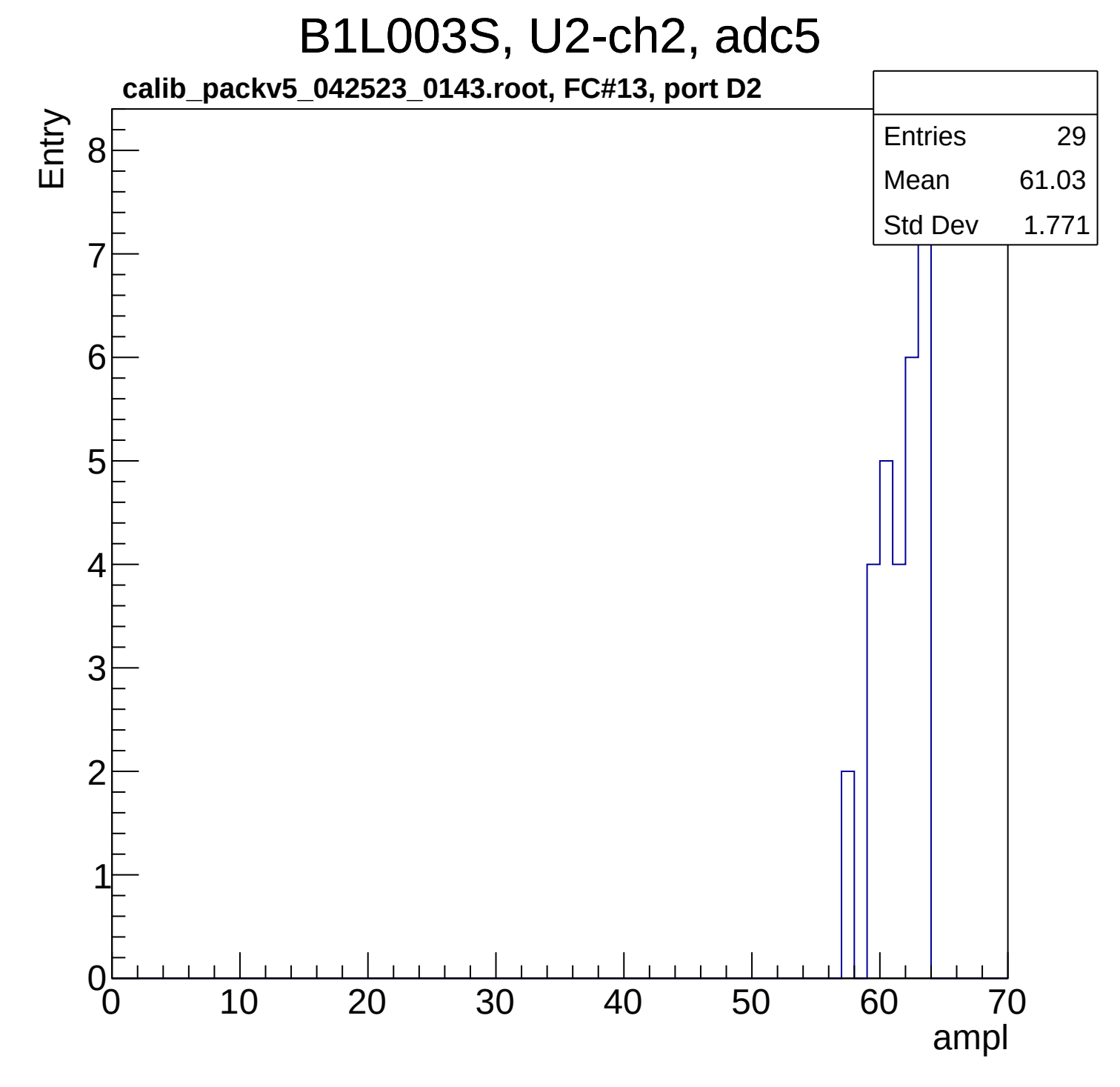
50
60
70
ampl


B1L003S, U2-ch2, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 29
Mean 61.03
Std Dev 1.771
Entry
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4
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7
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0
10
20
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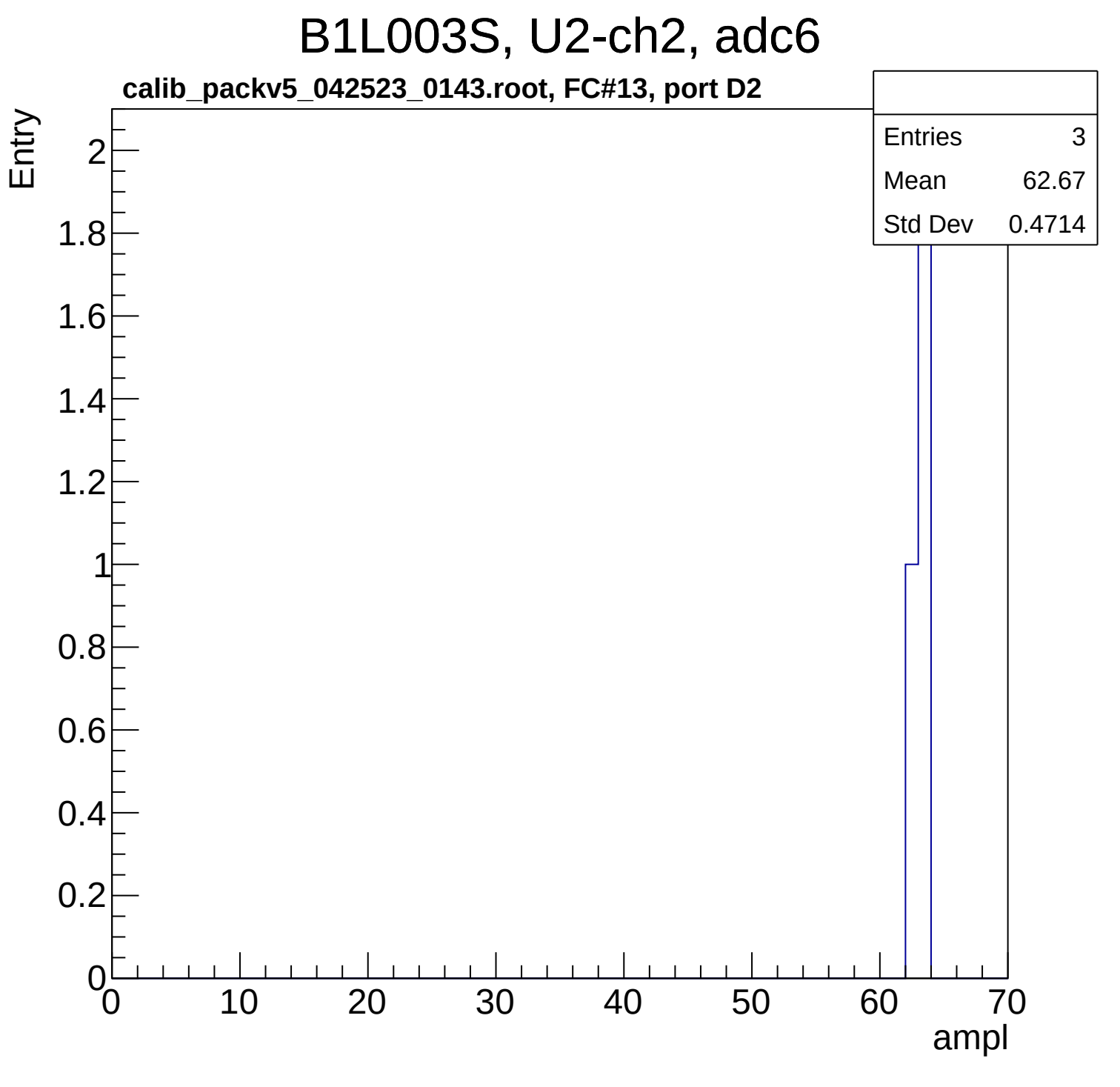
70
ampl


B1L003S, U2-ch2, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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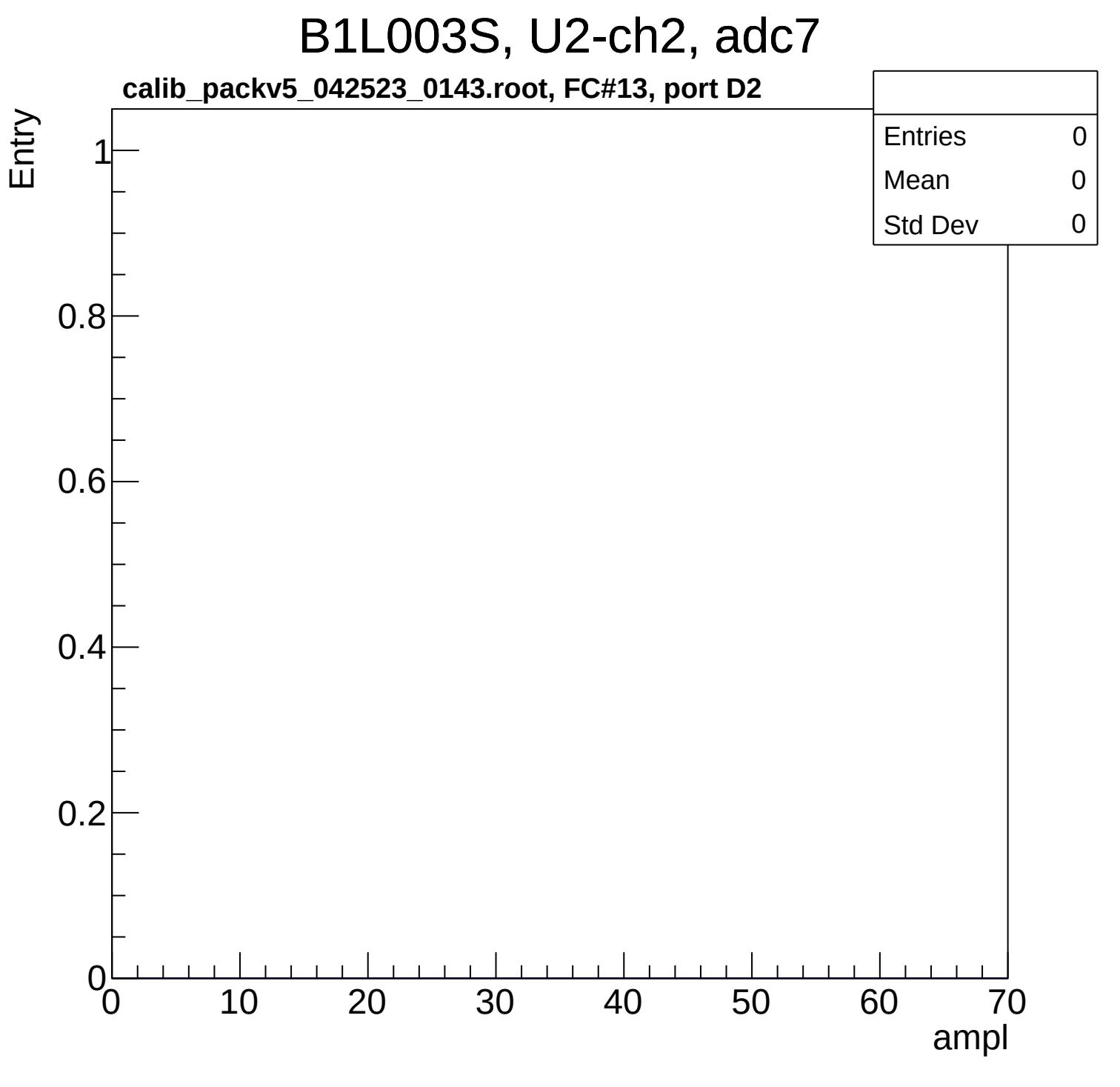
B1L003S, U2-ch2, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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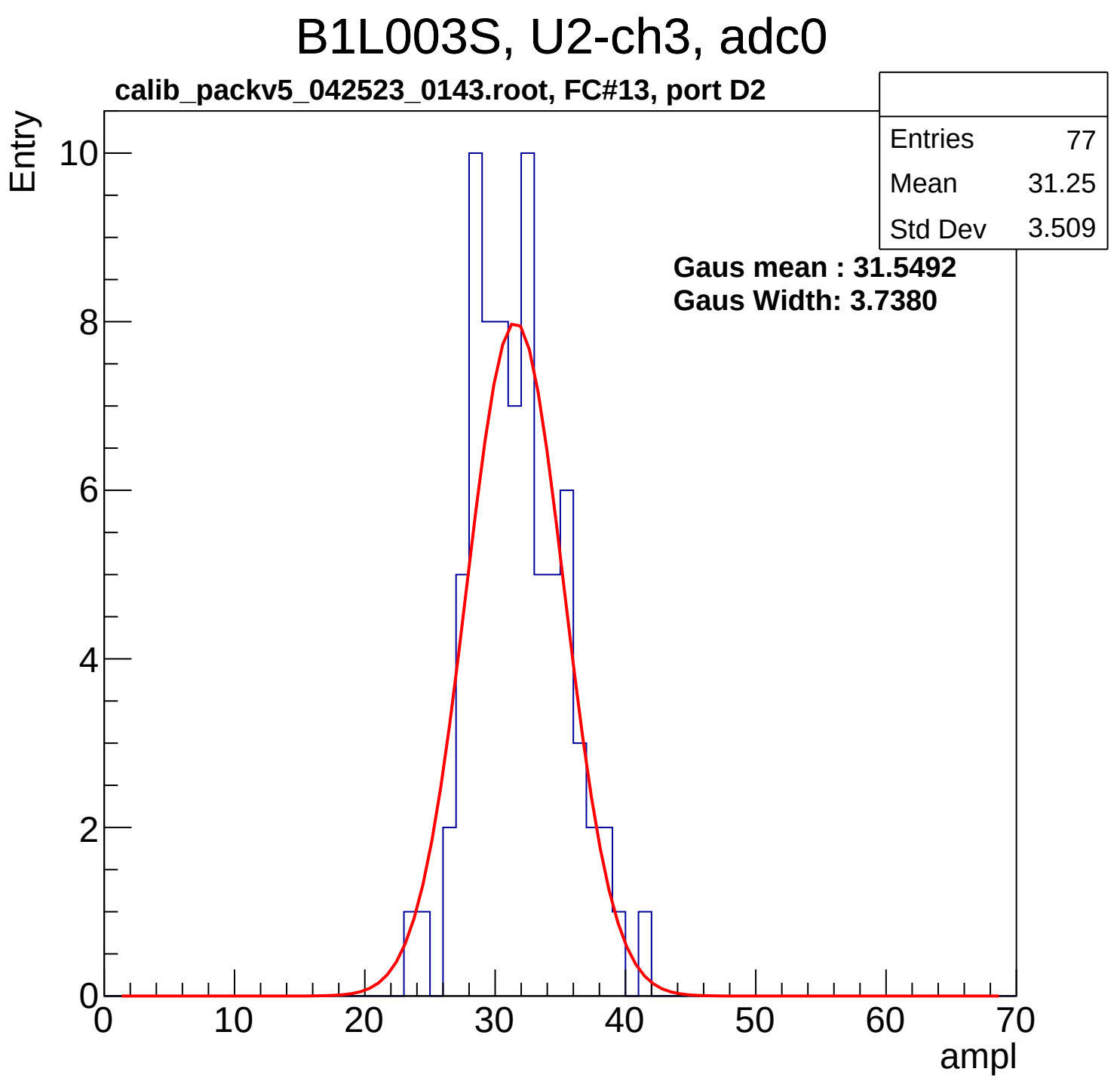
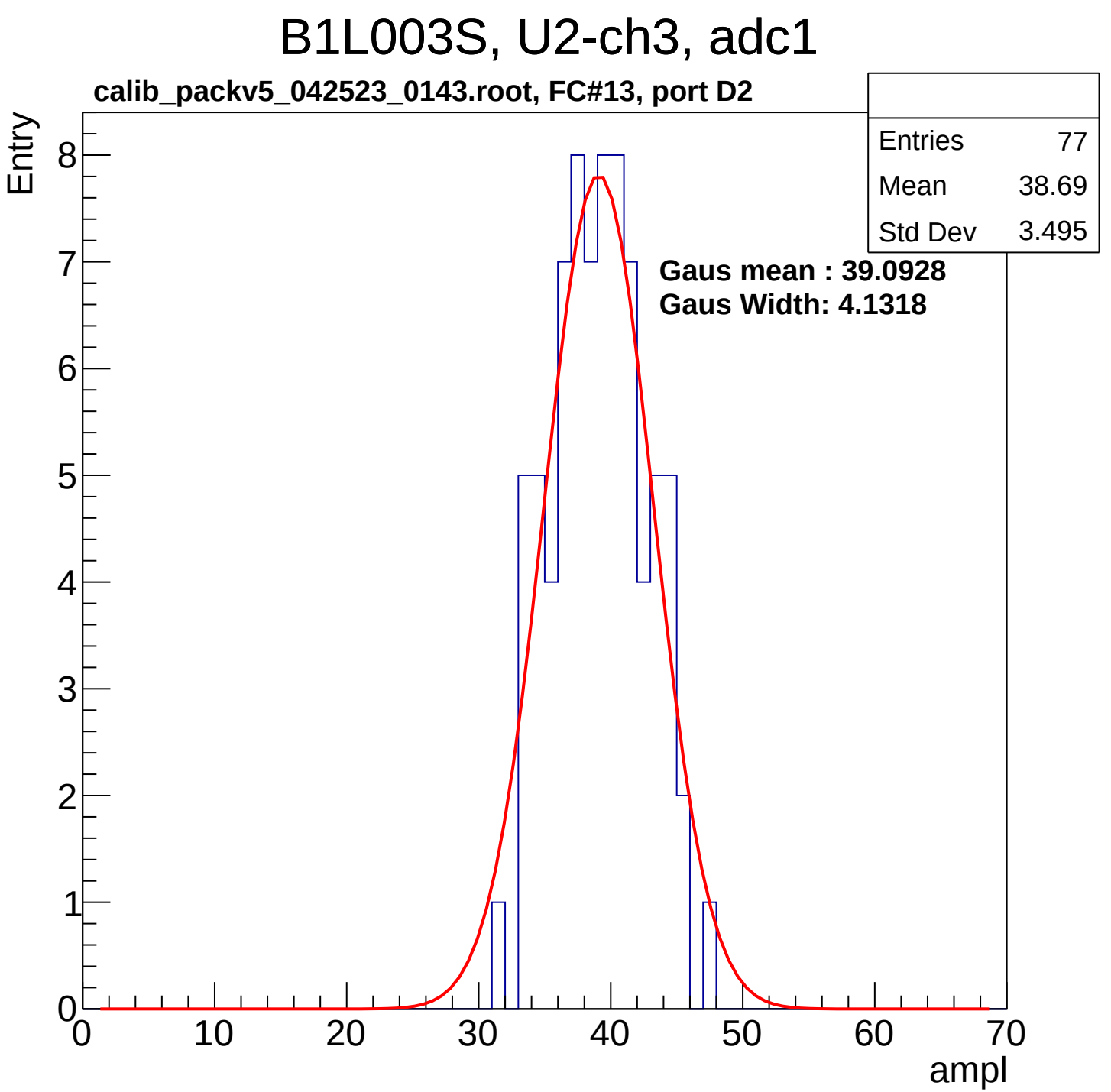
50
60
70
ampl


B1L003S, U2-ch3, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 31.25
Std Dev 3.509
Gaus mean : 31.5492
Gaus Width: 3.7380
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch3, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 38.69
Std Dev 3.495
Gaus mean : 39.0928
Gaus Width: 4.1318
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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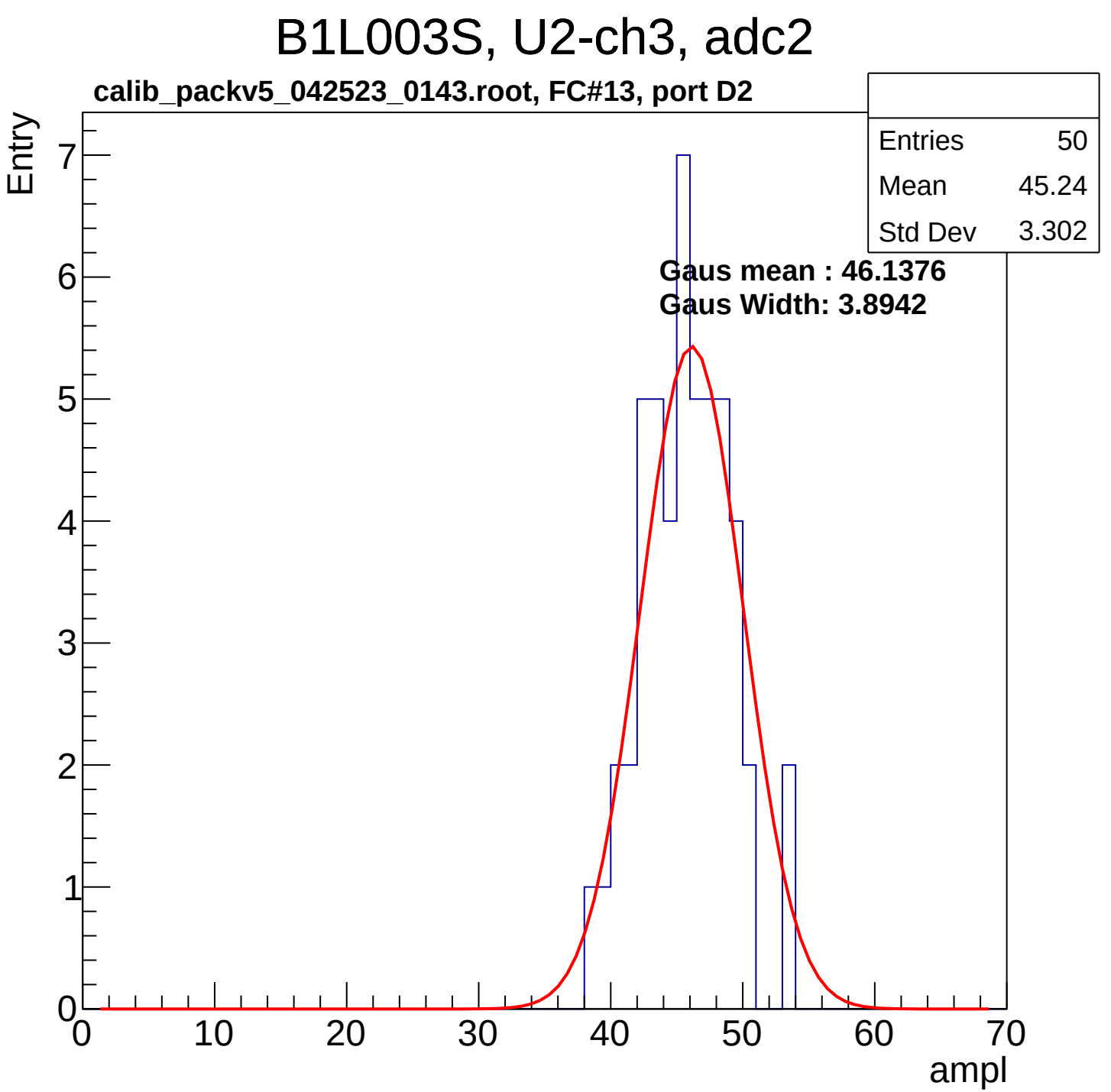
B1L003S, U2-ch3, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 45.24
Std Dev 3.302
Gaus mean : 46.1376
Gaus Width: 3.8942
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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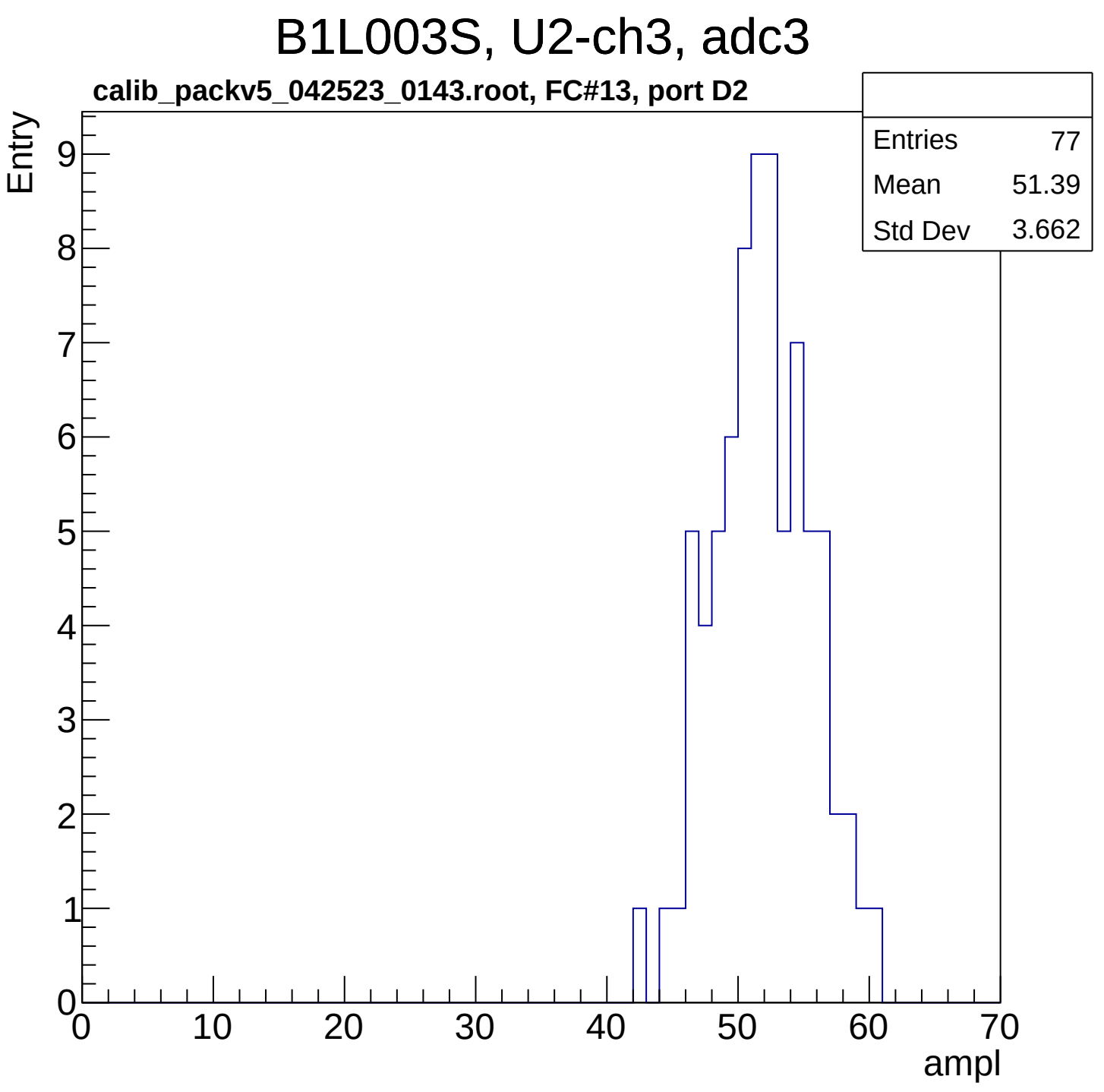
B1L003S, U2-ch3, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 51.39
Std Dev 3.662
Entry
ampl
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2
3
4
5
6
7
8
9
0
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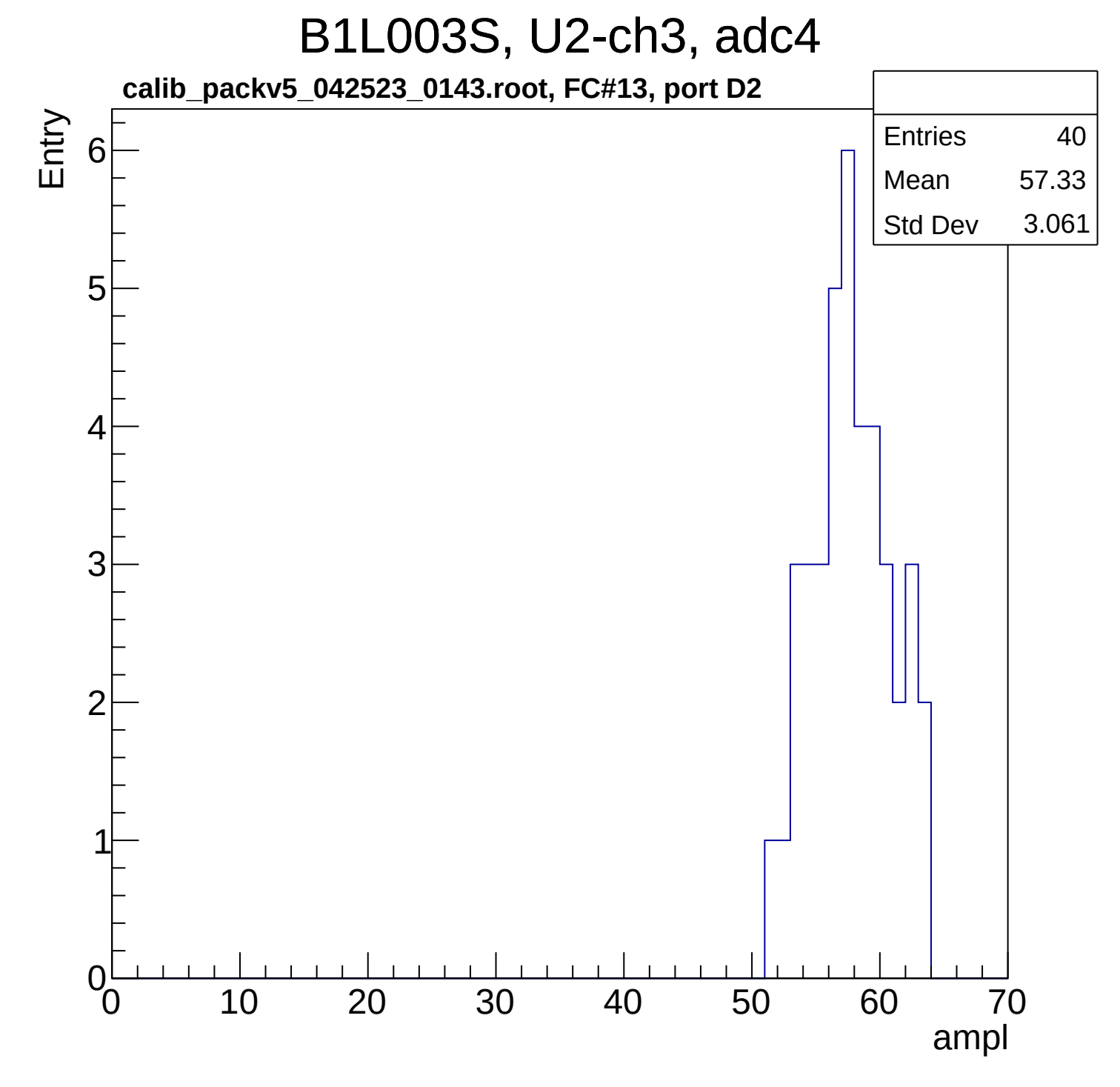
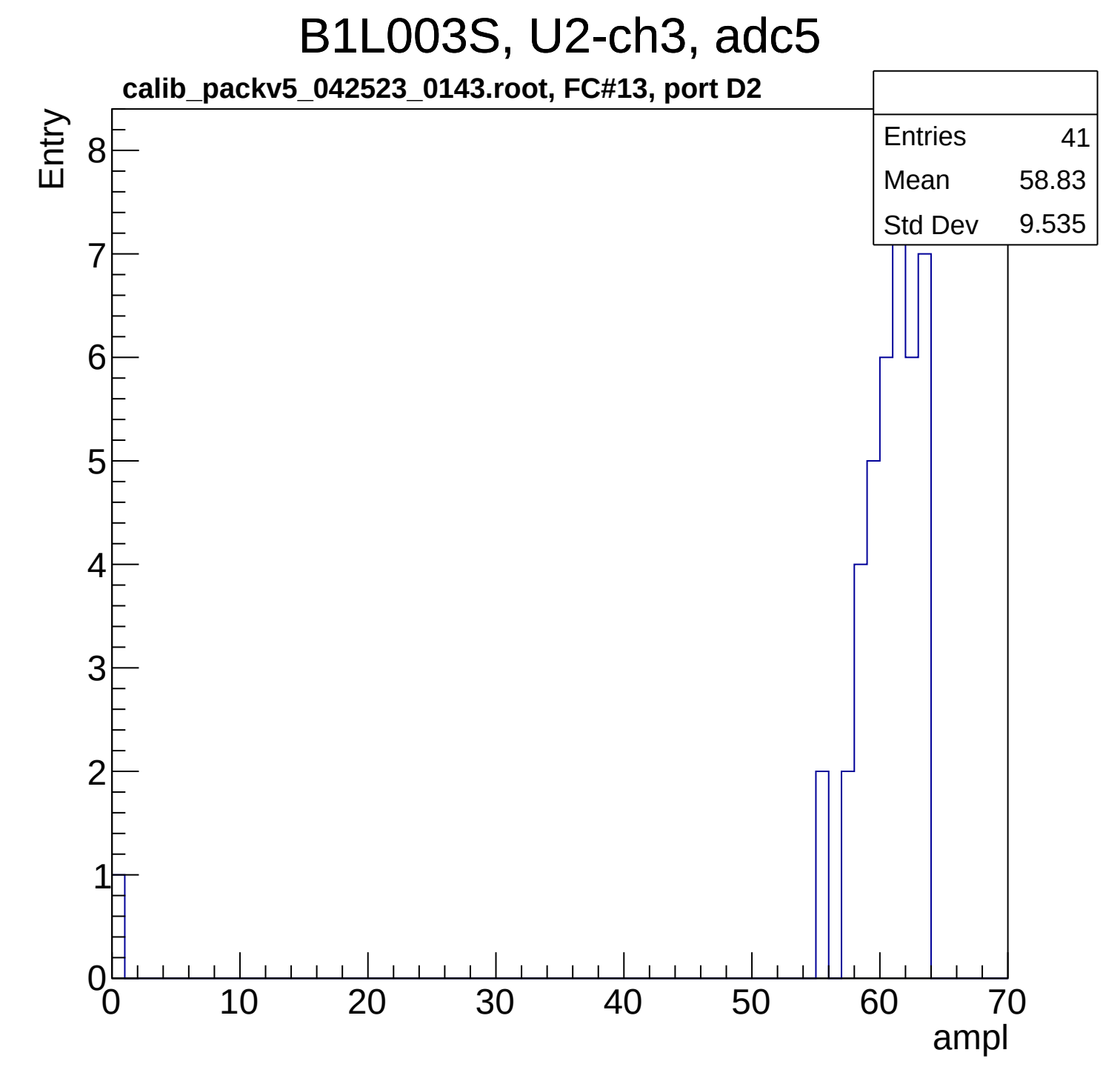
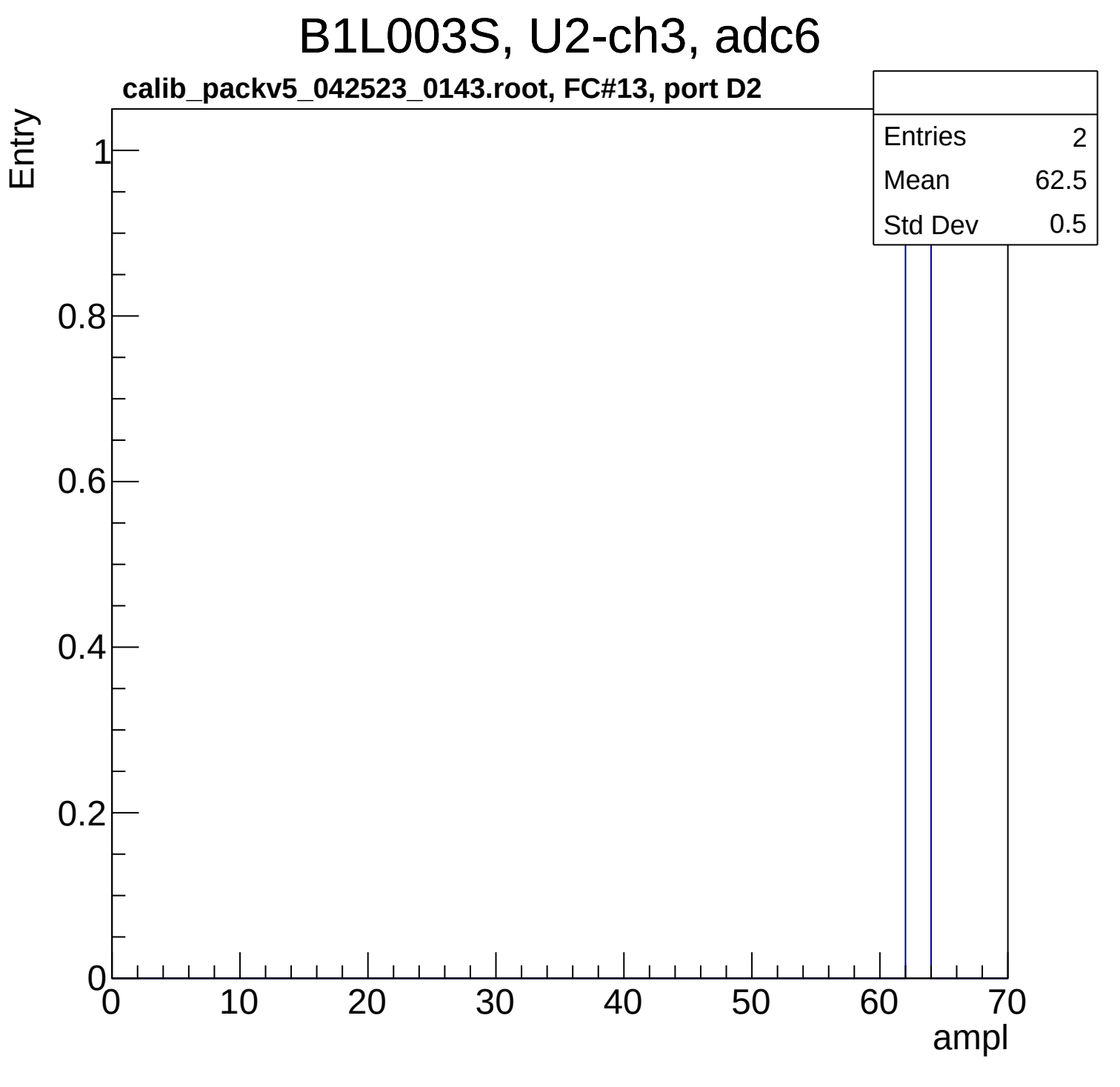

B1L003S, U2-ch3, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 57.33
Std Dev 3.061
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch3, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 58.83
Std Dev 9.535
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch3, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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0.6
0.4
0.2
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50
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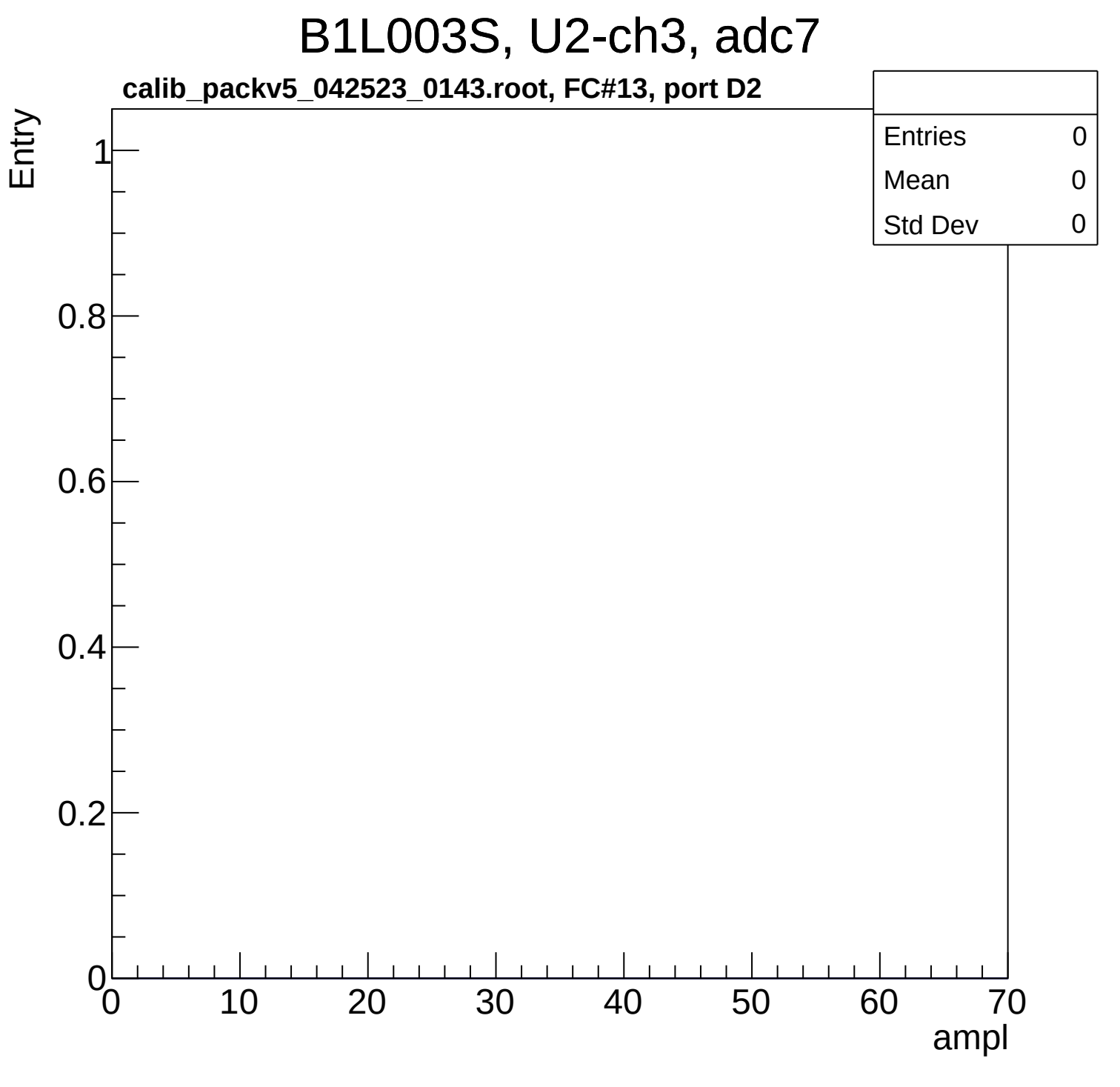
ampl


B1L003S, U2-ch3, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
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10
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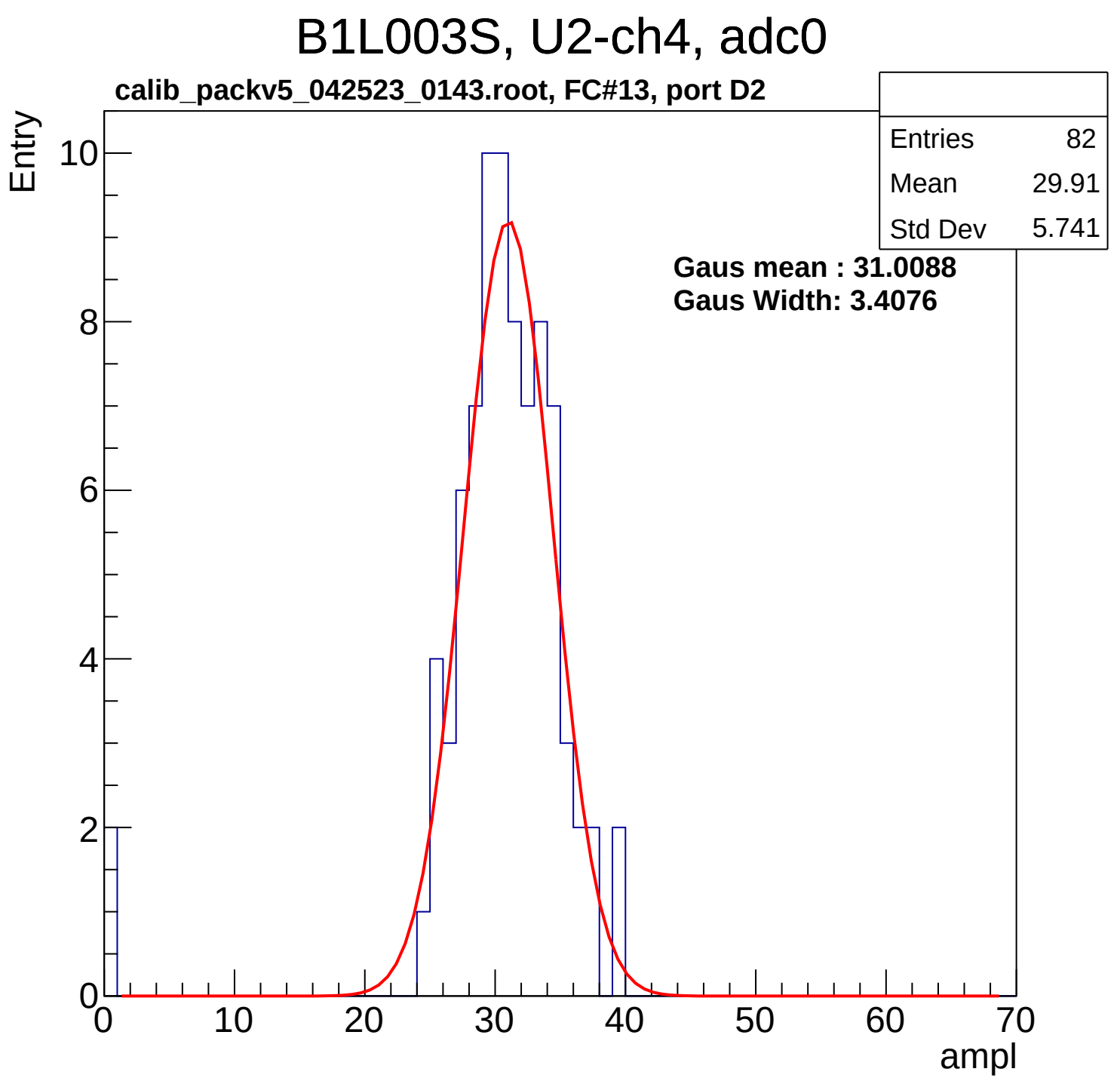
50
60
70
ampl


B1L003S, U2-ch4, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 29.91
Std Dev 5.741
Gaus mean : 31.0088
Gaus Width: 3.4076
Entry
ampl
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2
4
6
8
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0
10
20
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40
50
60
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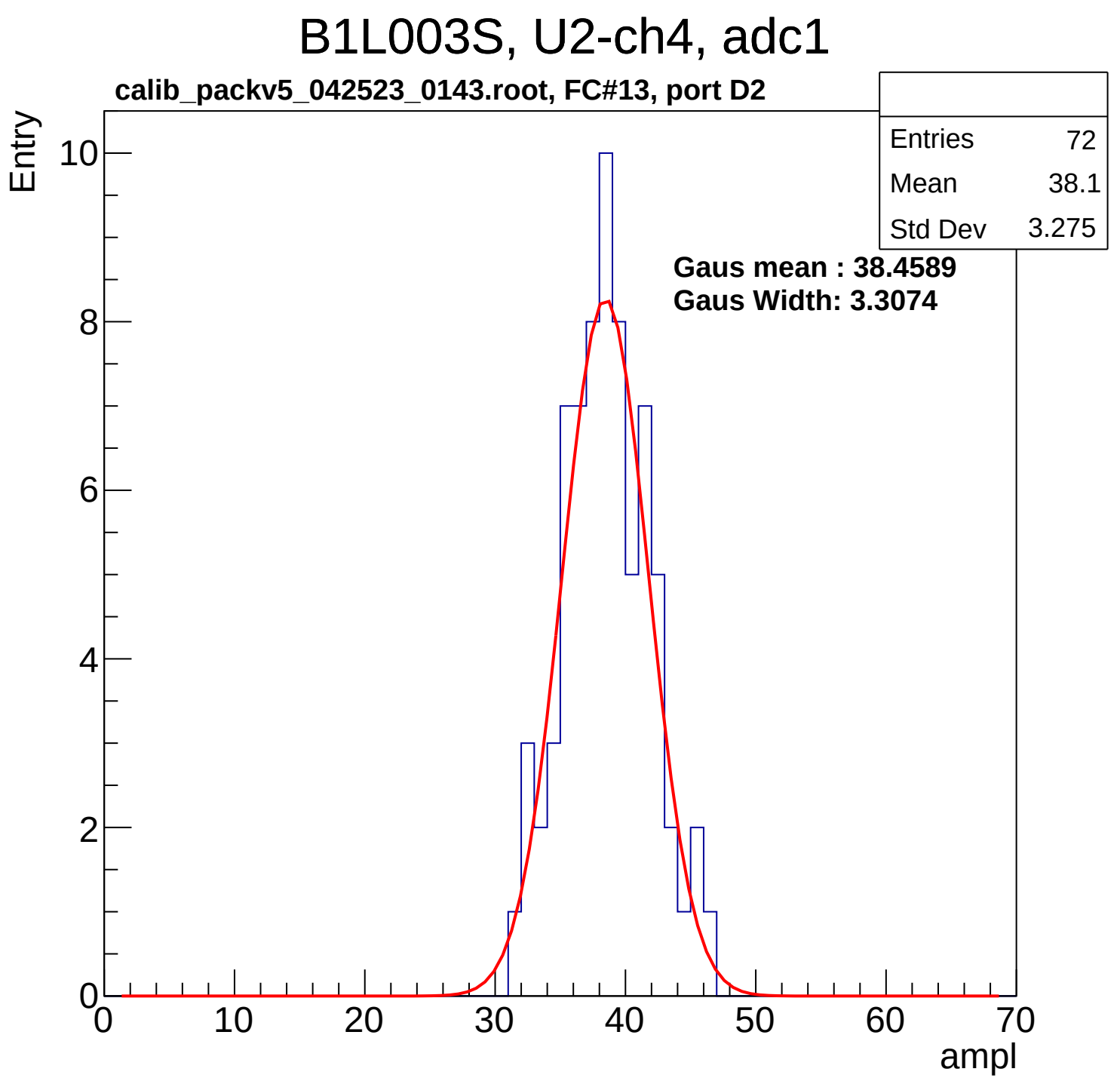
B1L003S, U2-ch4, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 38.1
Std Dev 3.275
Gaus mean : 38.4589
Gaus Width: 3.3074
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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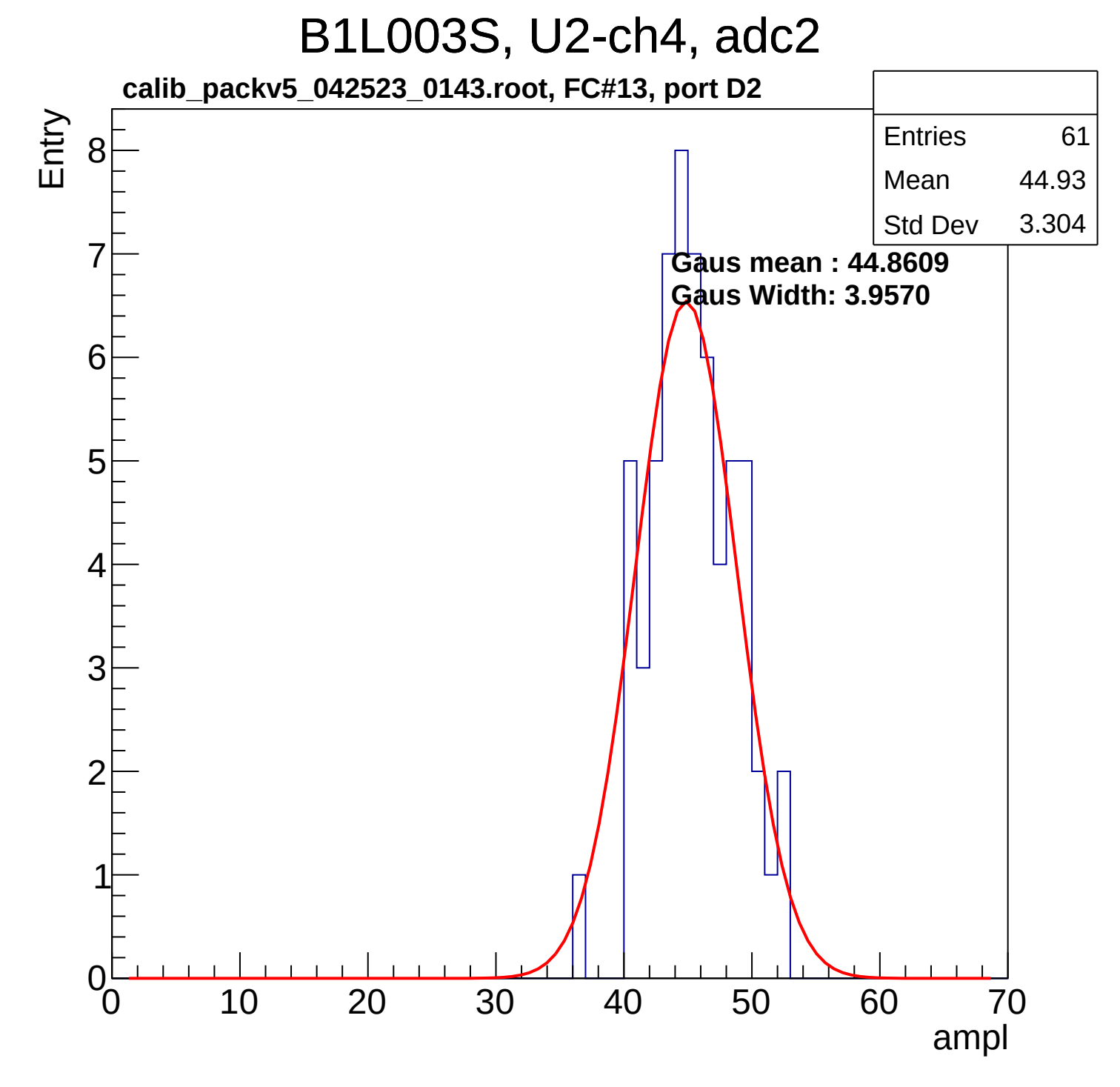
B1L003S, U2-ch4, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 44.93
Std Dev 3.304
Gaus mean : 44.8609
Gaus Width: 3.9570
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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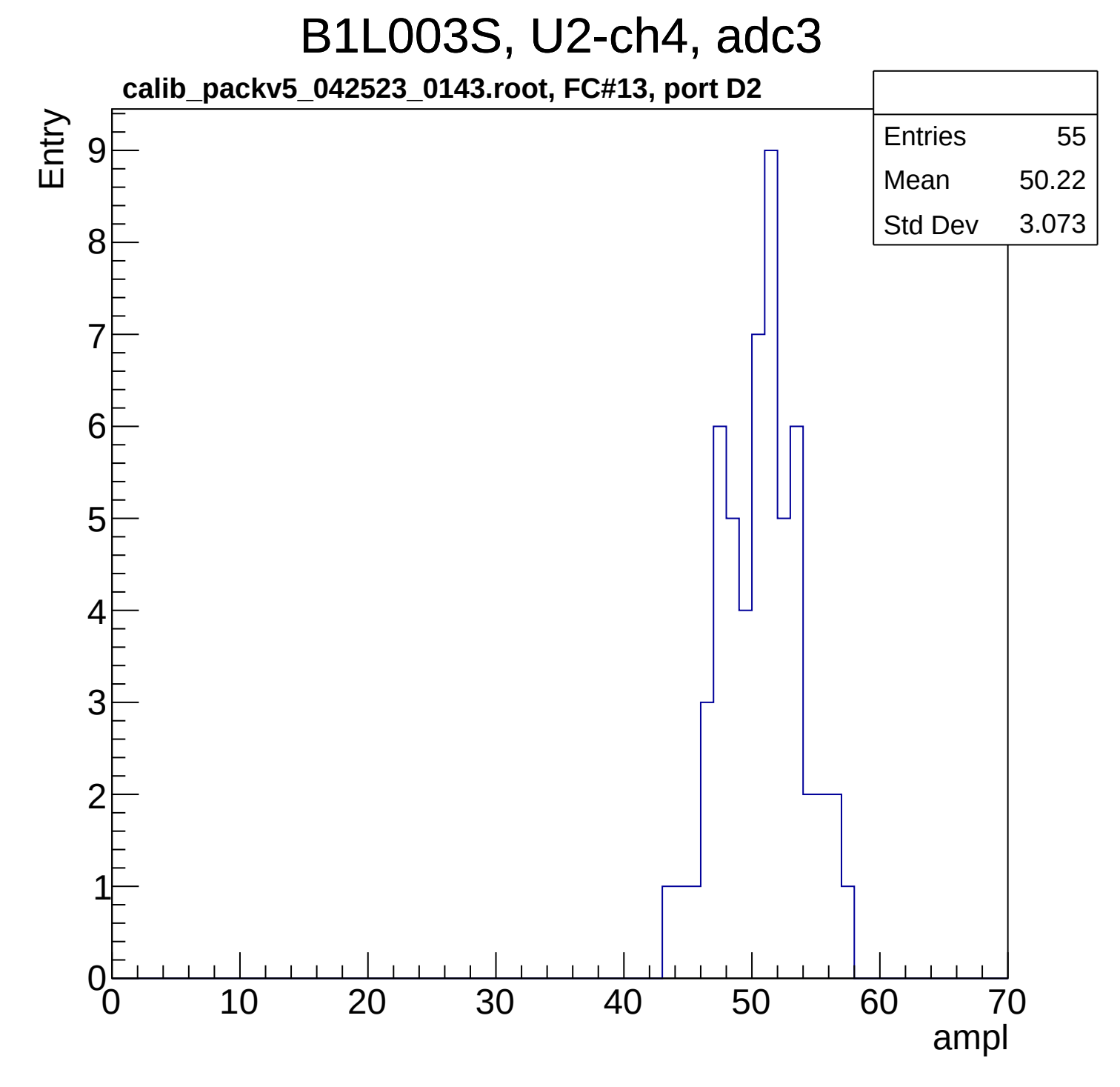
B1L003S, U2-ch4, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 50.22
Std Dev 3.073
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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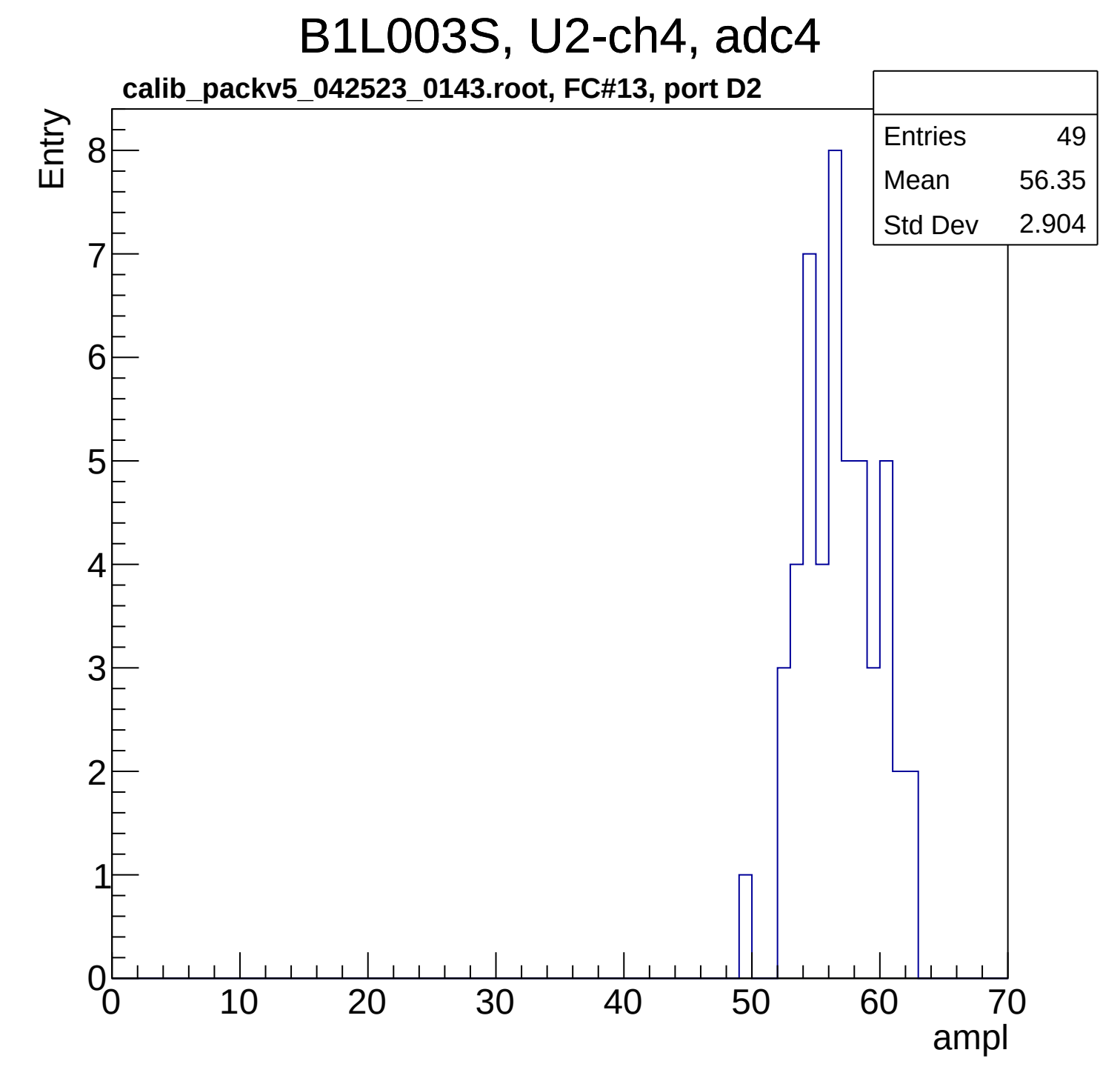
B1L003S, U2-ch4, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 56.35
Std Dev 2.904
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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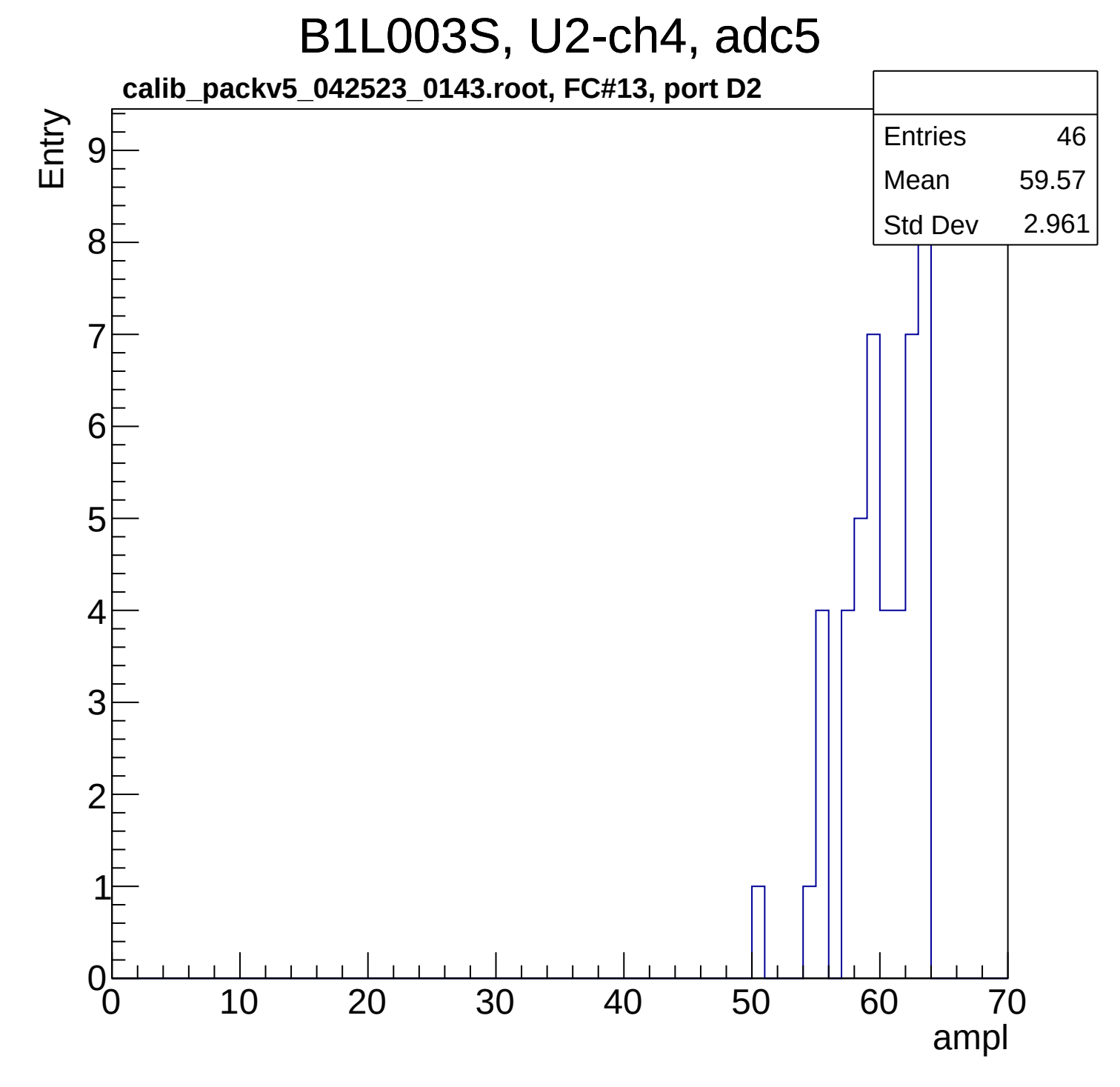
B1L003S, U2-ch4, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 59.57
Std Dev 2.961
Entry
ampl
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3
4
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6
7
8
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0
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20
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40
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60
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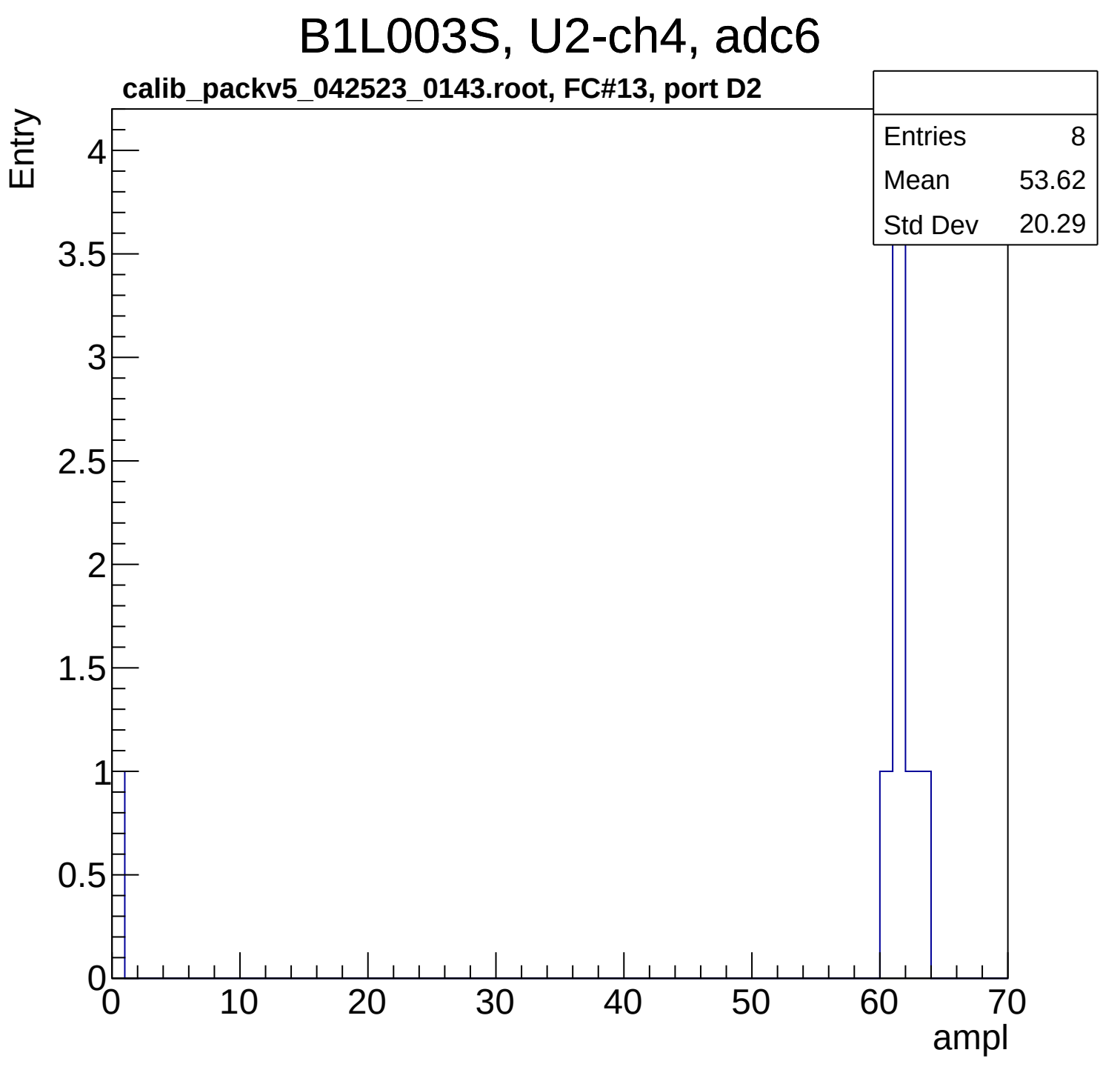
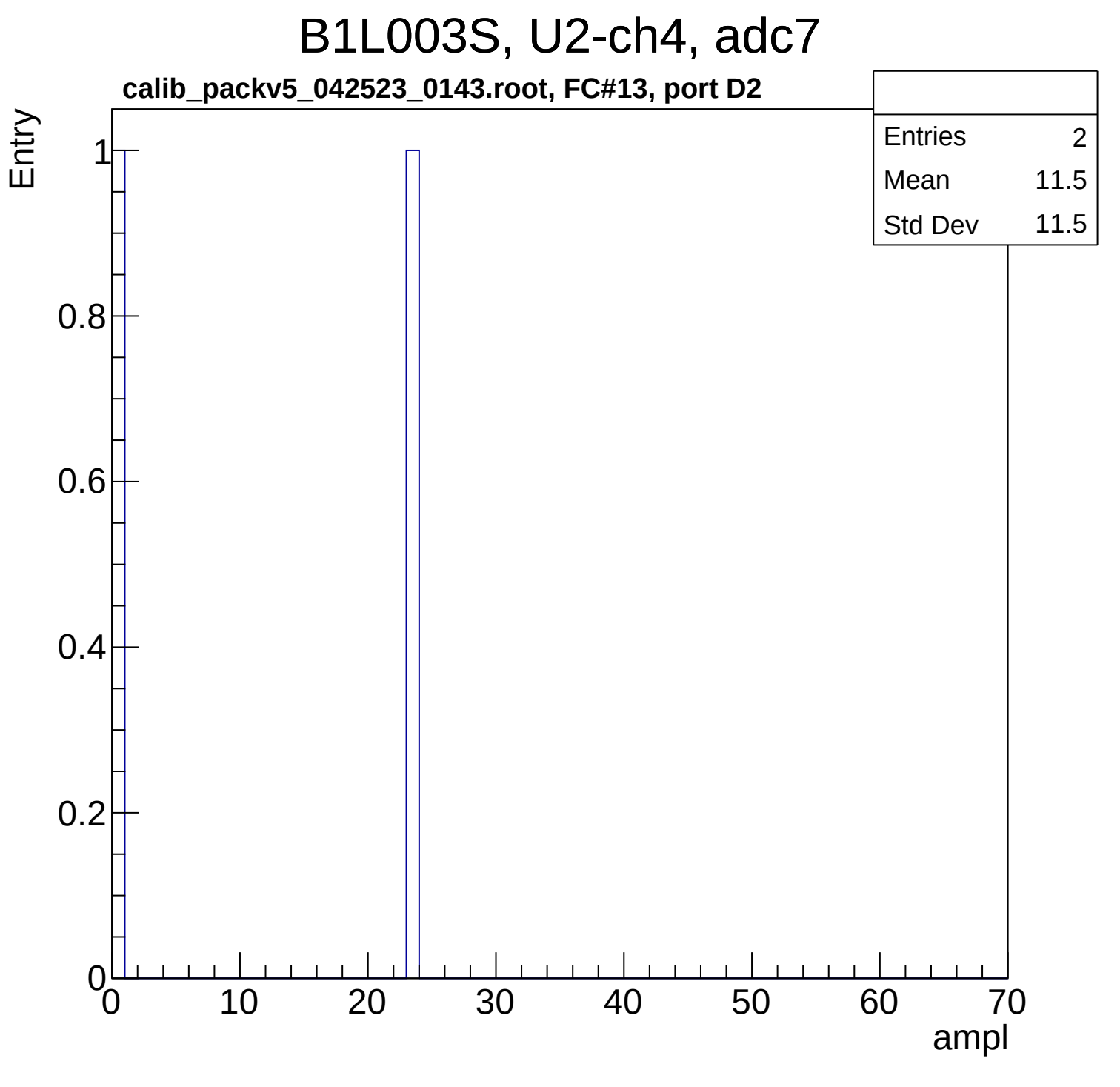

B1L003S, U2-ch4, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 53.62
Std Dev 20.29
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U2-ch4, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
ampl
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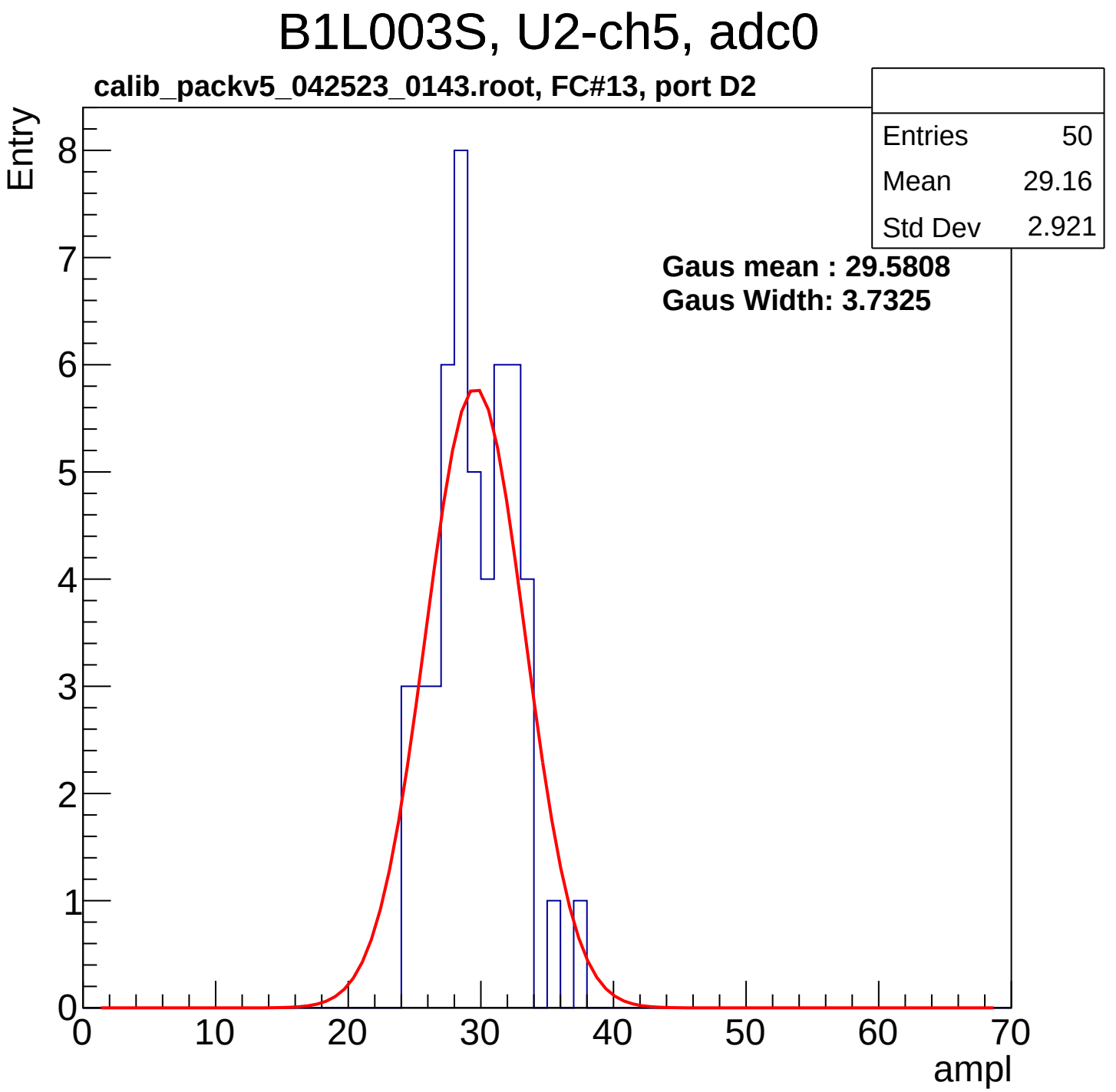
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L003S, U2-ch5, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 29.16
Std Dev 2.921
Gaus mean : 29.5808
Gaus Width: 3.7325
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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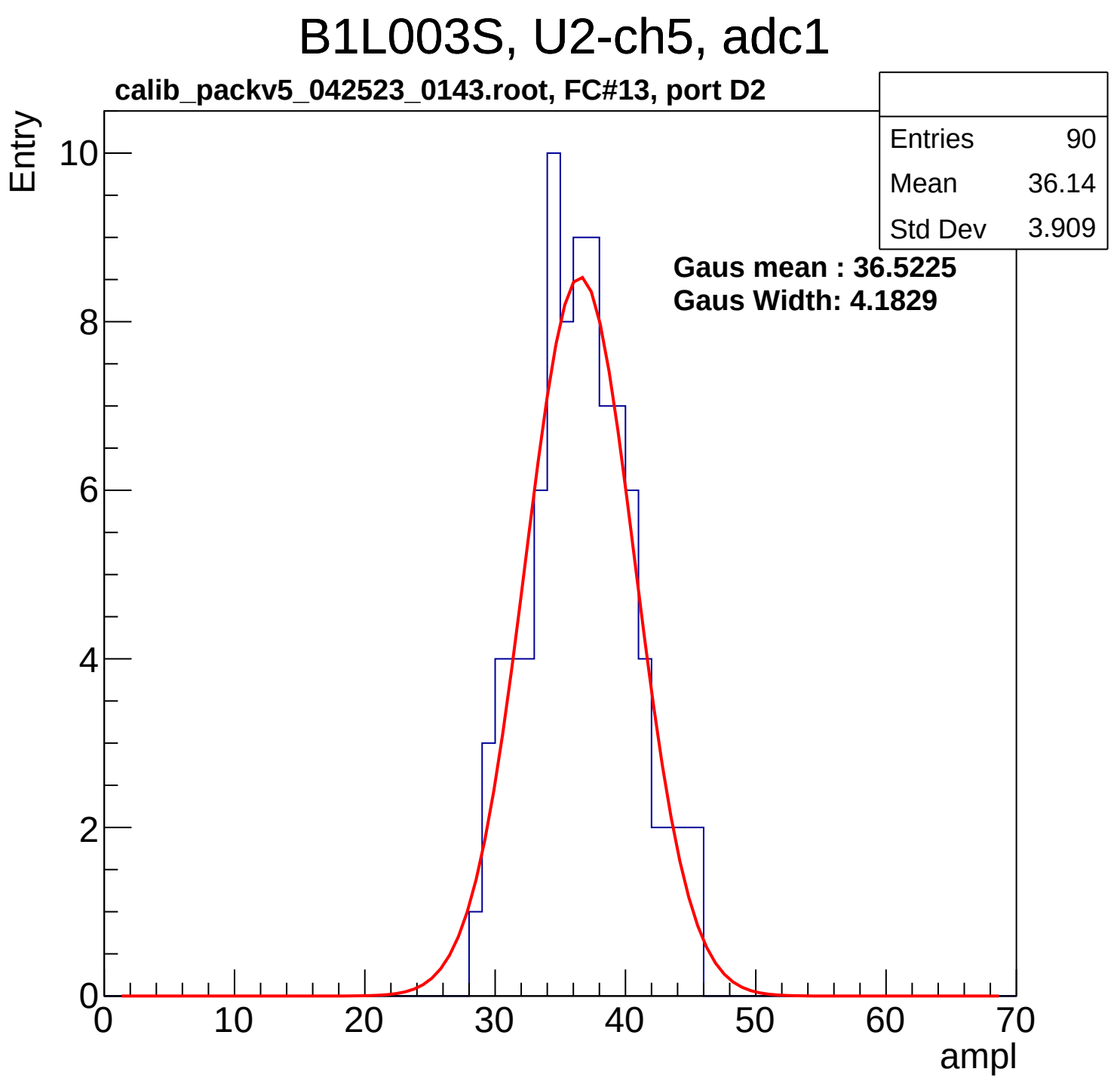
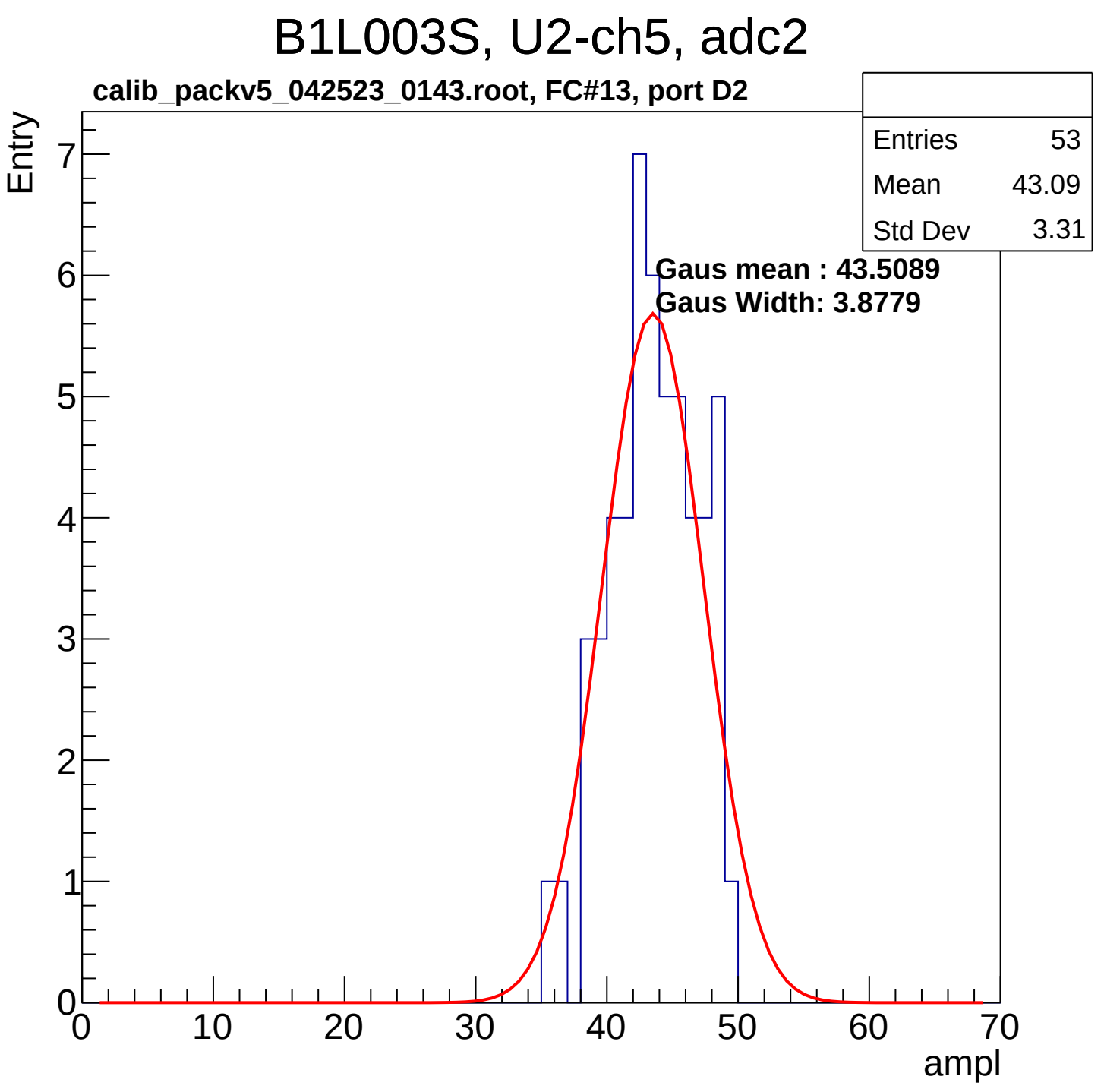

B1L003S, U2-ch5, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 90
Mean 36.14
Std Dev 3.909
Gaus mean : 36.5225
Gaus Width: 4.1829
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch5, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 43.09
Std Dev 3.31
Gaus mean : 43.5089
Gaus Width: 3.8779
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
30
40
50
60
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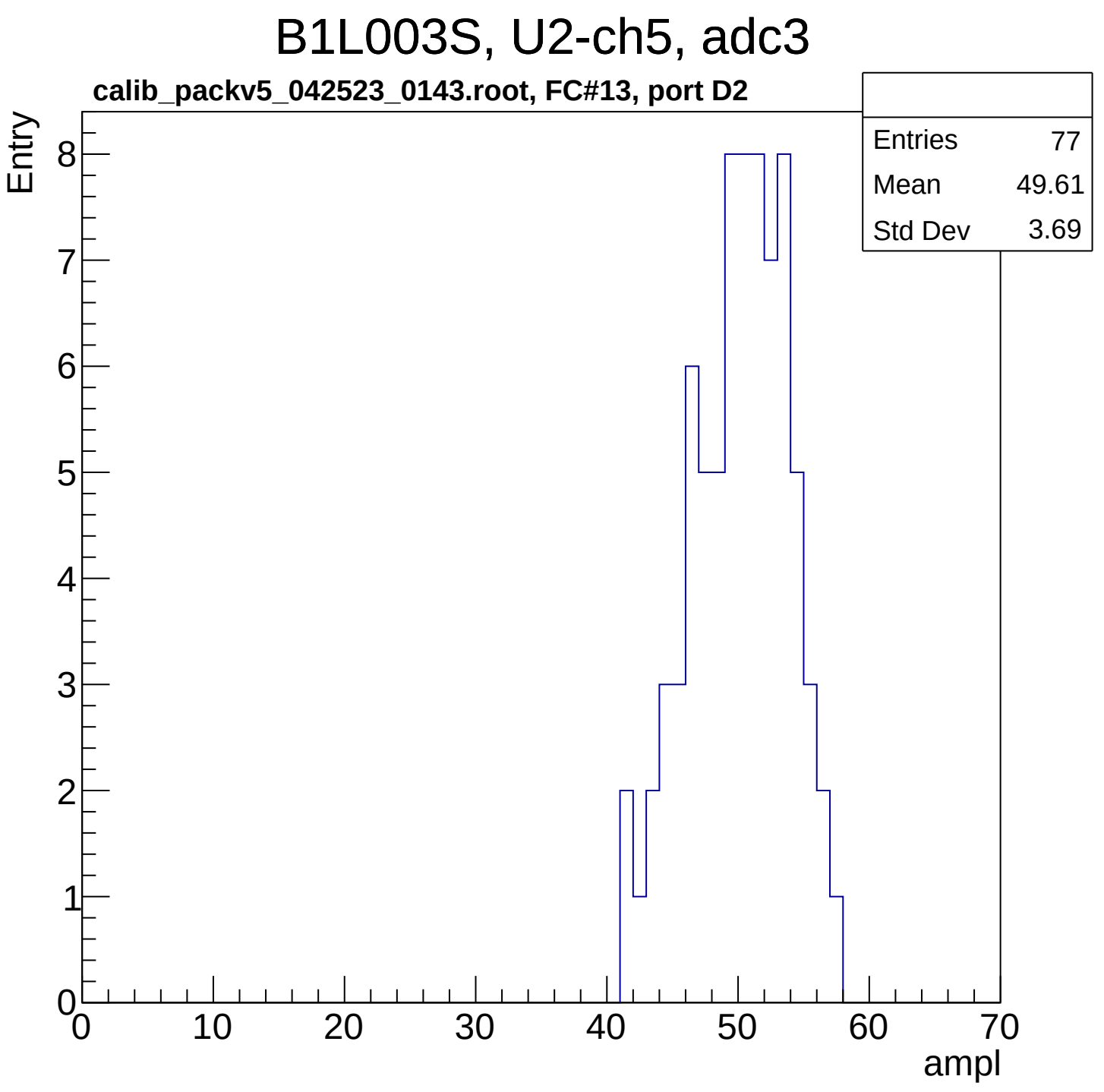
B1L003S, U2-ch5, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 49.61
Std Dev 3.69
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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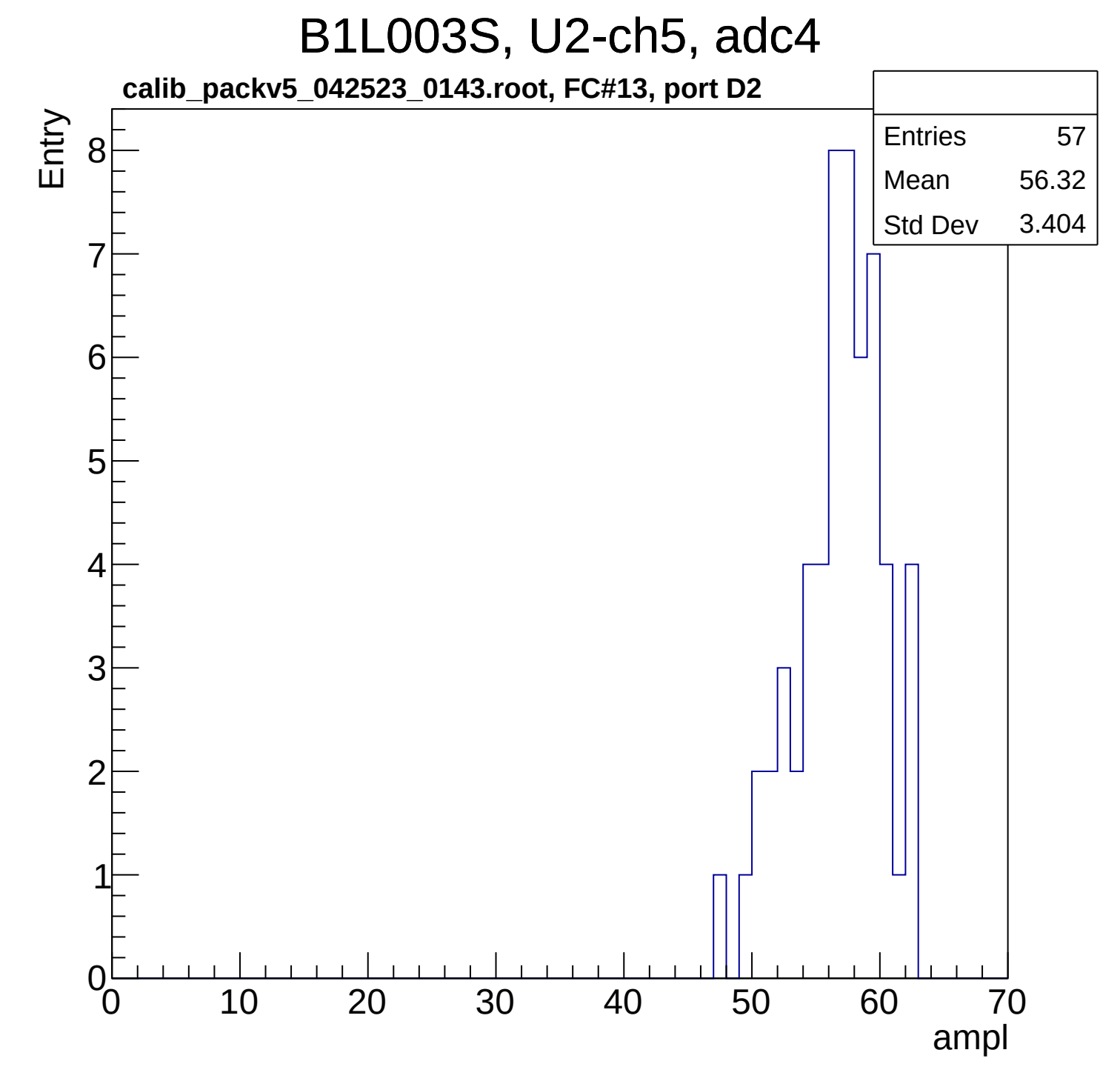
B1L003S, U2-ch5, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 56.32
Std Dev 3.404
Entry
ampl
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2
3
4
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6
7
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0
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40
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60
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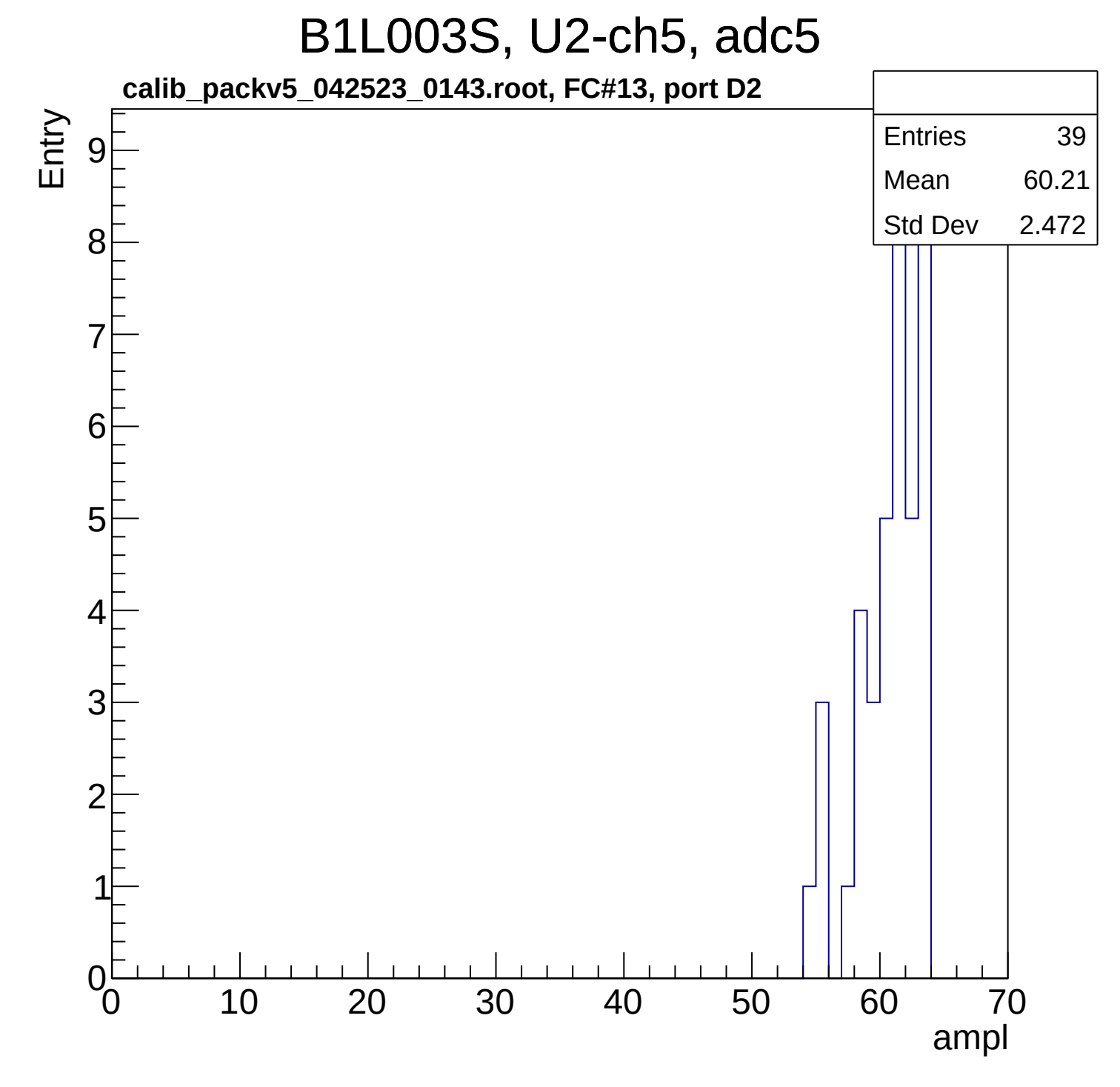
B1L003S, U2-ch5, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 60.21
Std Dev 2.472
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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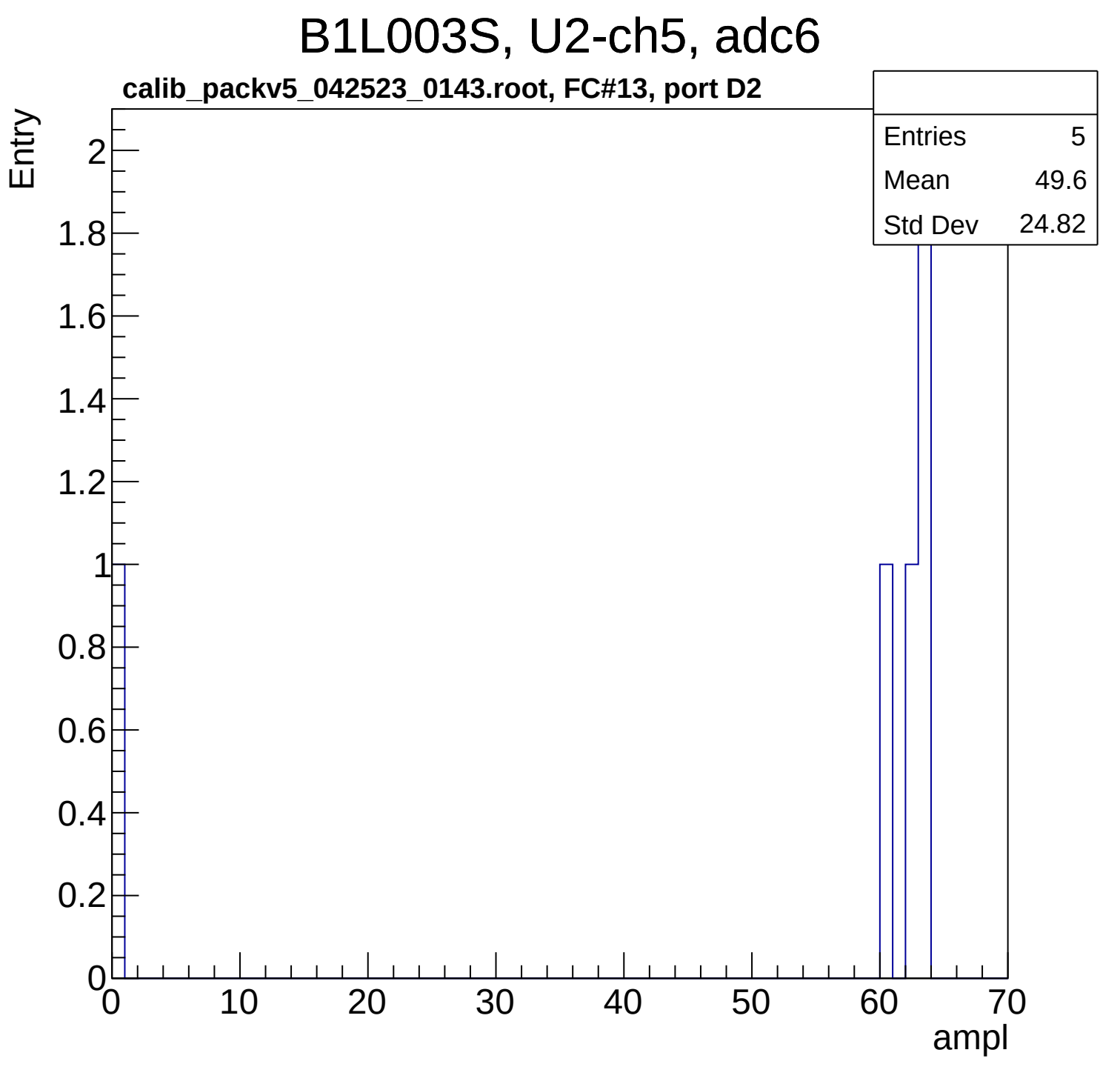
60
70


B1L003S, U2-ch5, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 49.6
Std Dev 24.82
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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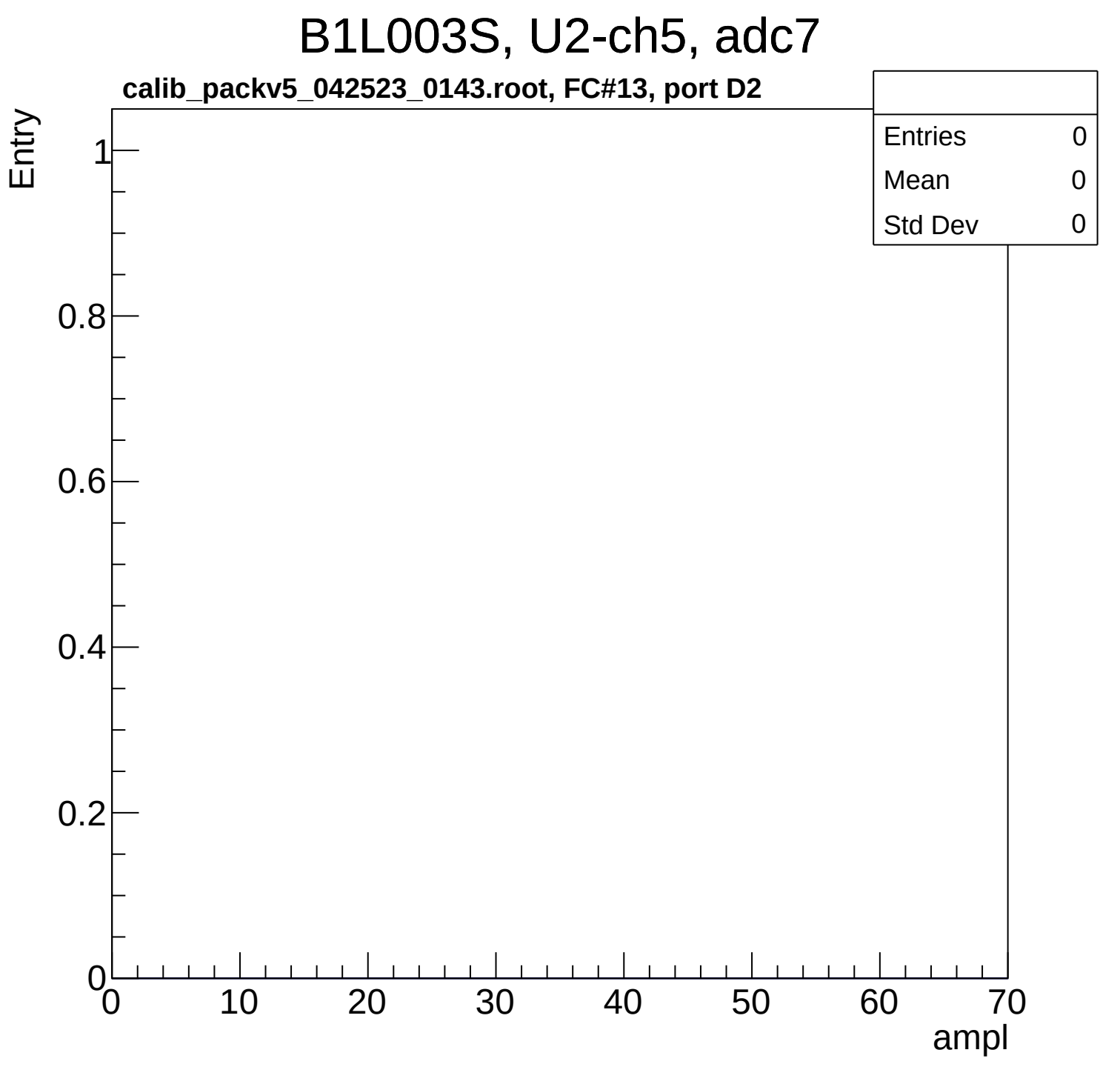
40
50
60
70


B1L003S, U2-ch5, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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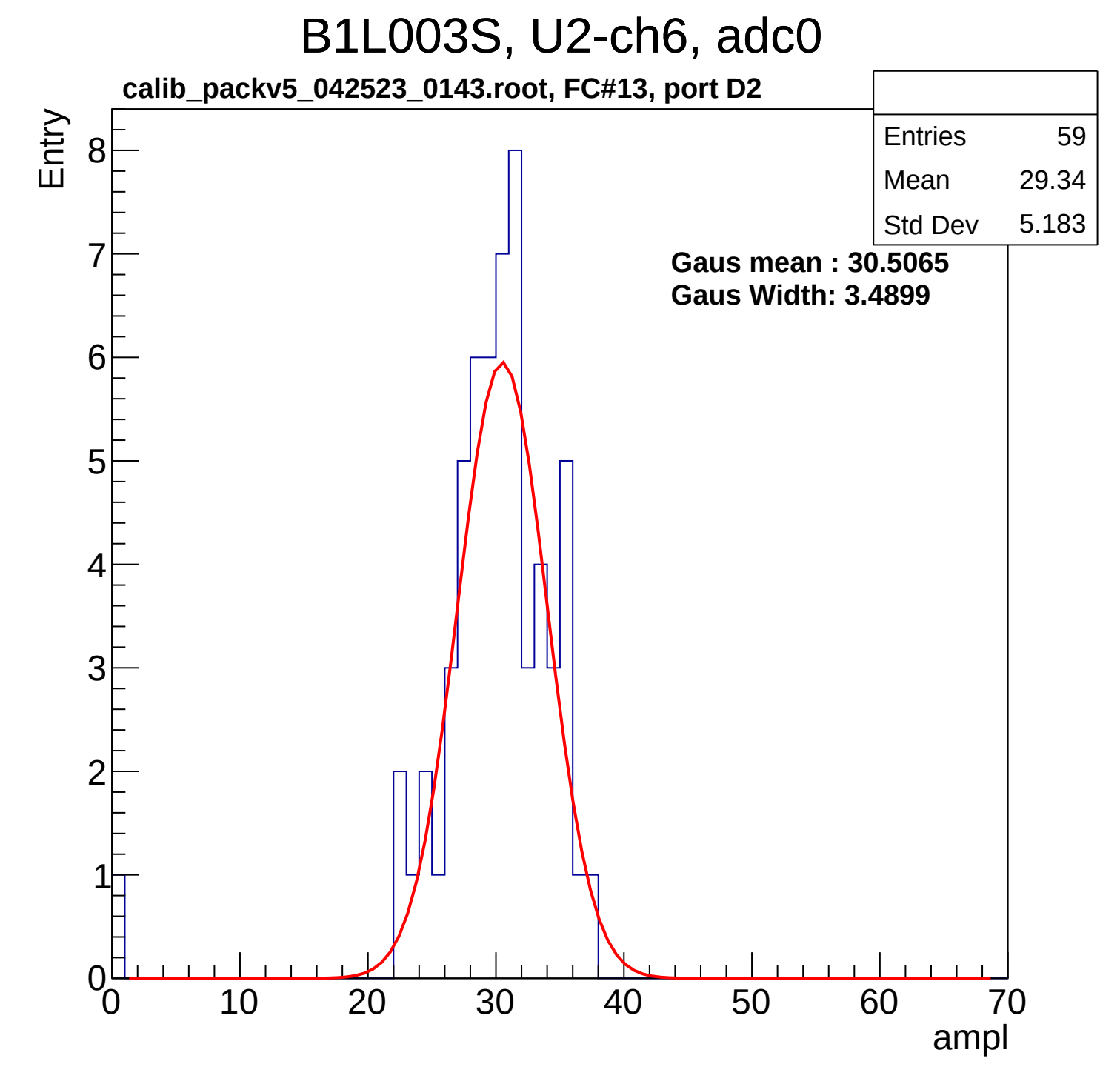
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch6, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 29.34
Std Dev 5.183
Gaus mean : 30.5065
Gaus Width: 3.4899
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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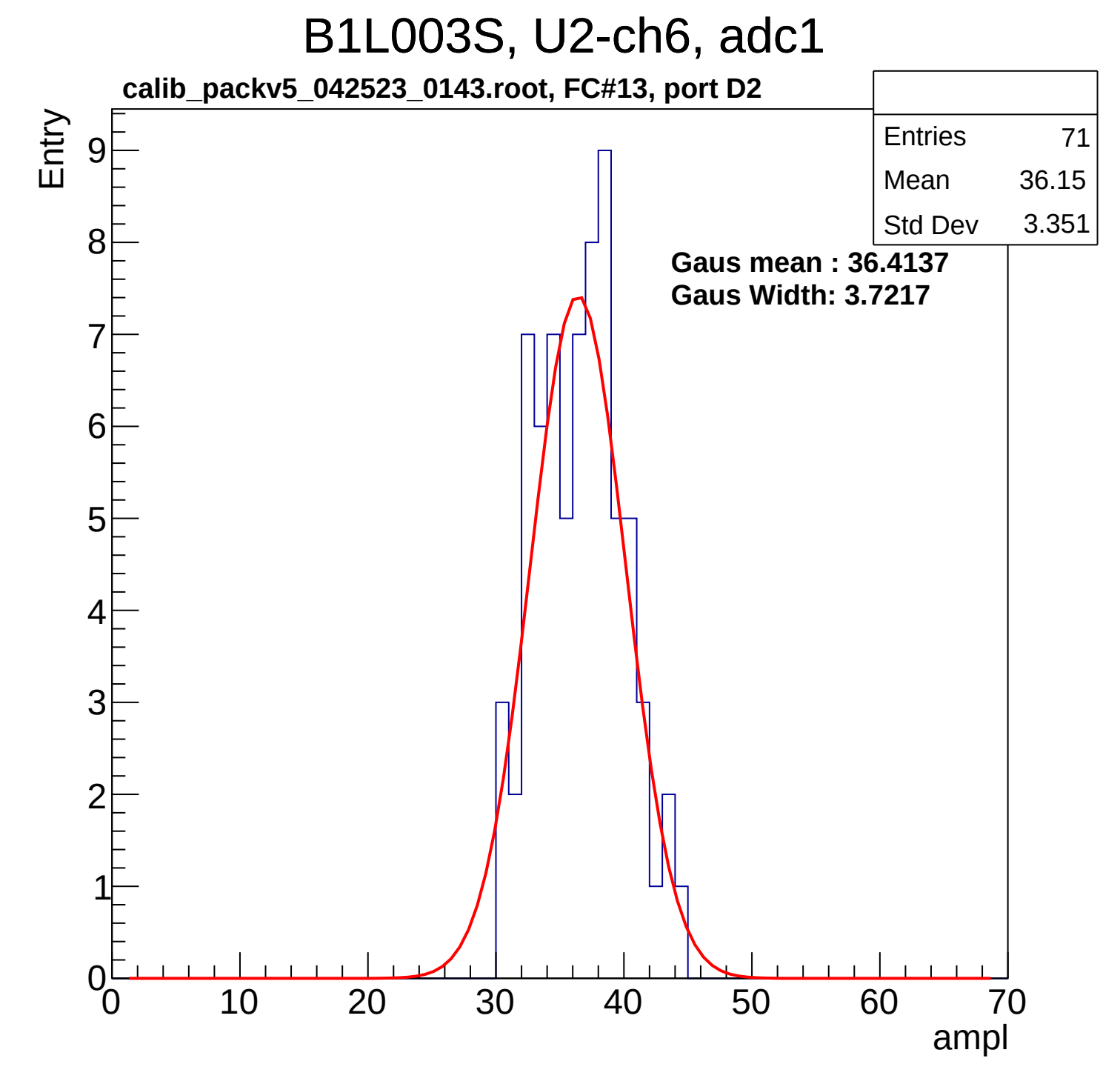
40
50
60
70


B1L003S, U2-ch6, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 36.15
Std Dev 3.351
Gaus mean : 36.4137
Gaus Width: 3.7217
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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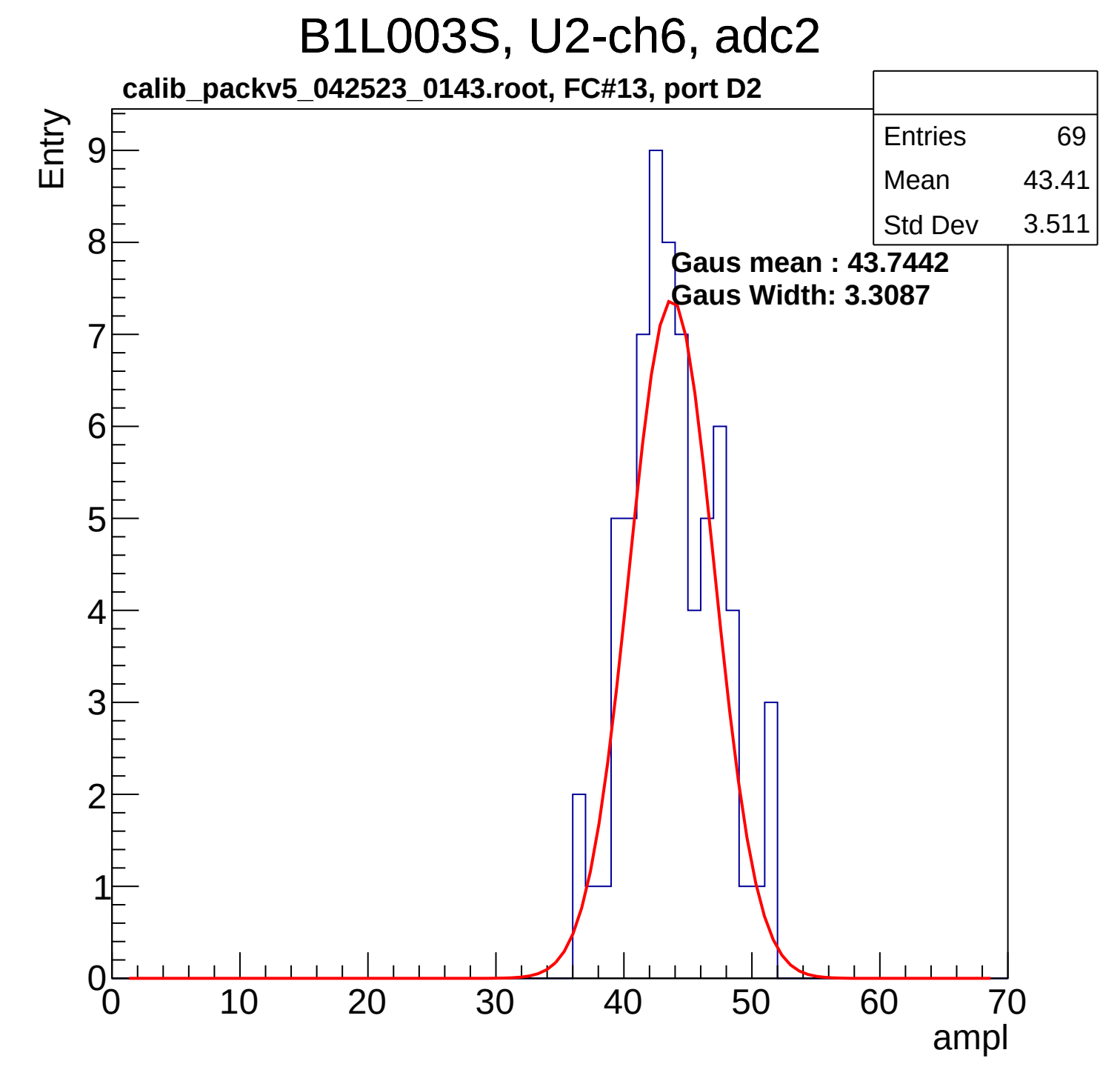
B1L003S, U2-ch6, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 43.41
Std Dev 3.511
Gaus mean : 43.7442
Gaus Width: 3.3087
Entry
ampl
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20
30
40
50
60
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1
2
3
4
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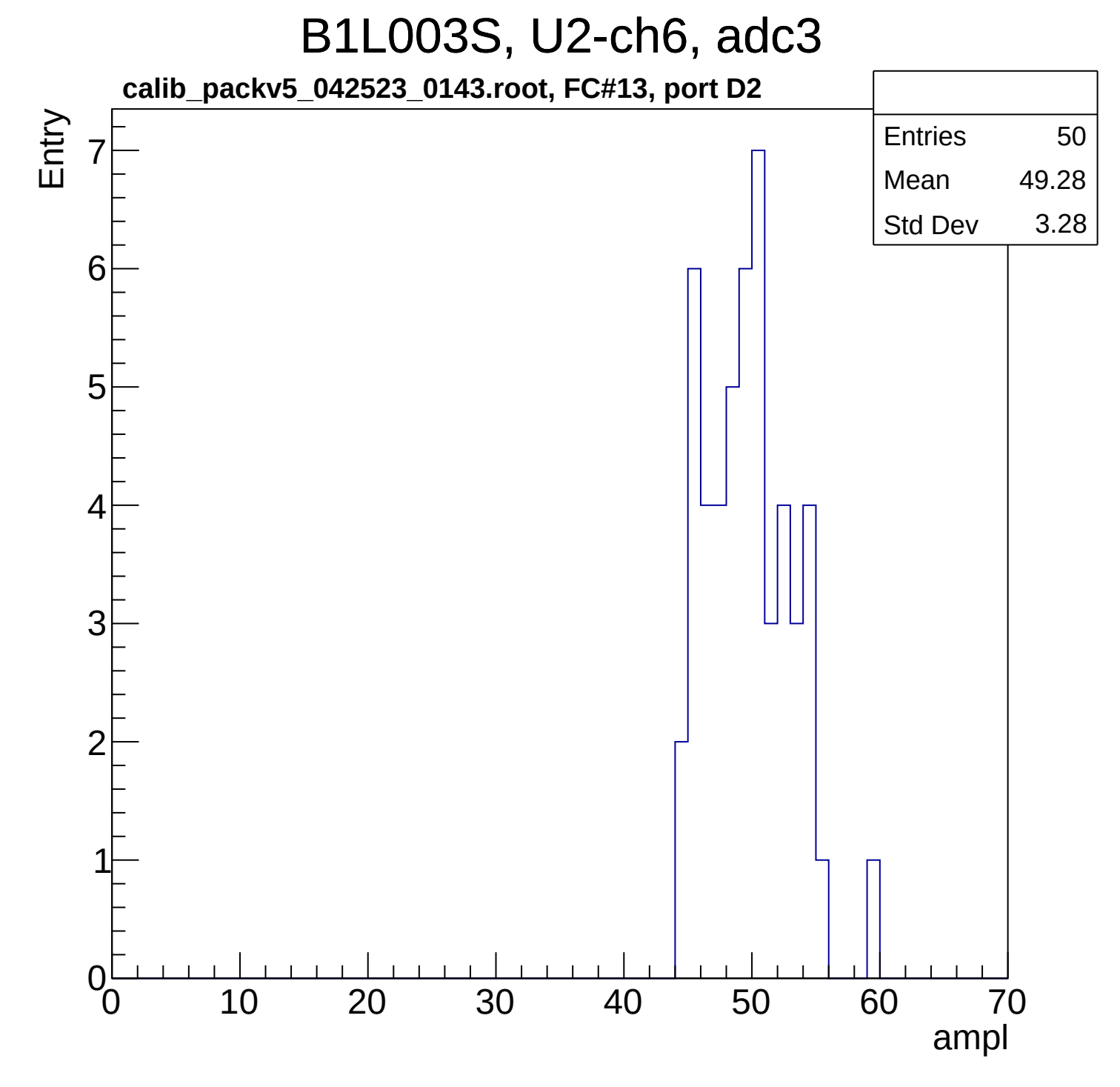
6
7
8
9


B1L003S, U2-ch6, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 49.28
Std Dev 3.28
Entry
ampl
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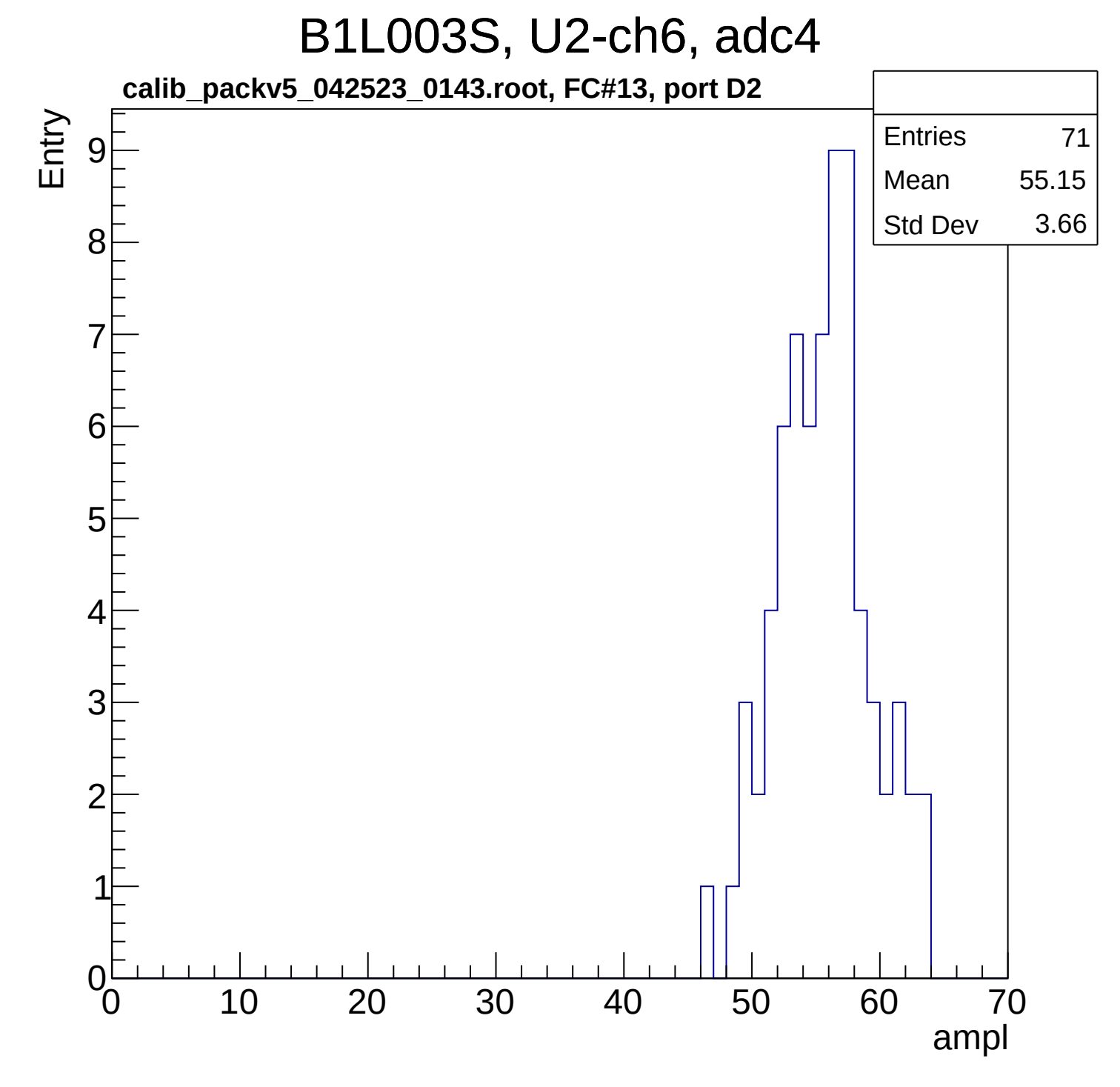
B1L003S, U2-ch6, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 55.15
Std Dev 3.66
Entry
ampl
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3
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0
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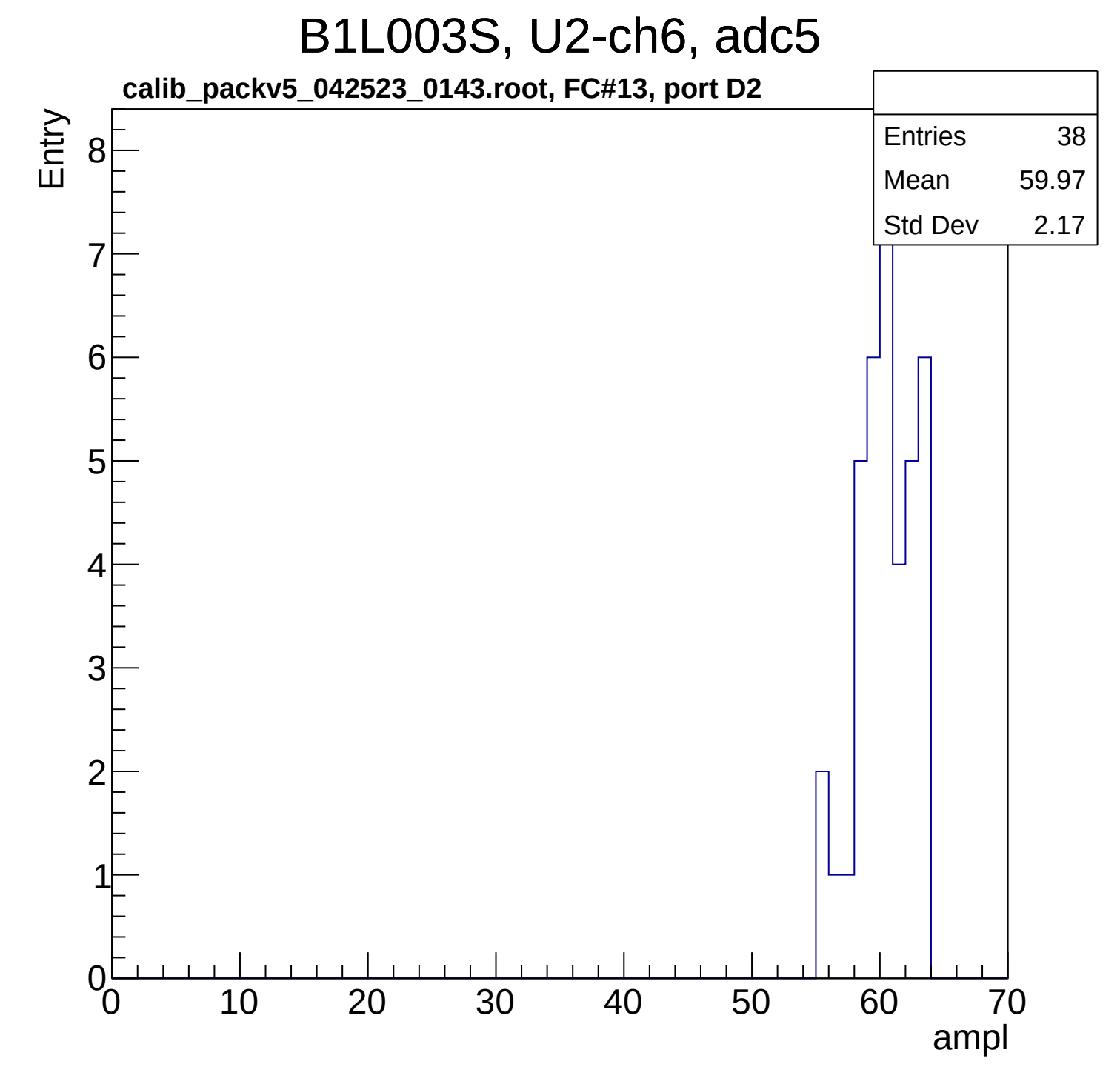
B1L003S, U2-ch6, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 59.97
Std Dev 2.17
Entry
ampl
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1
2
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0
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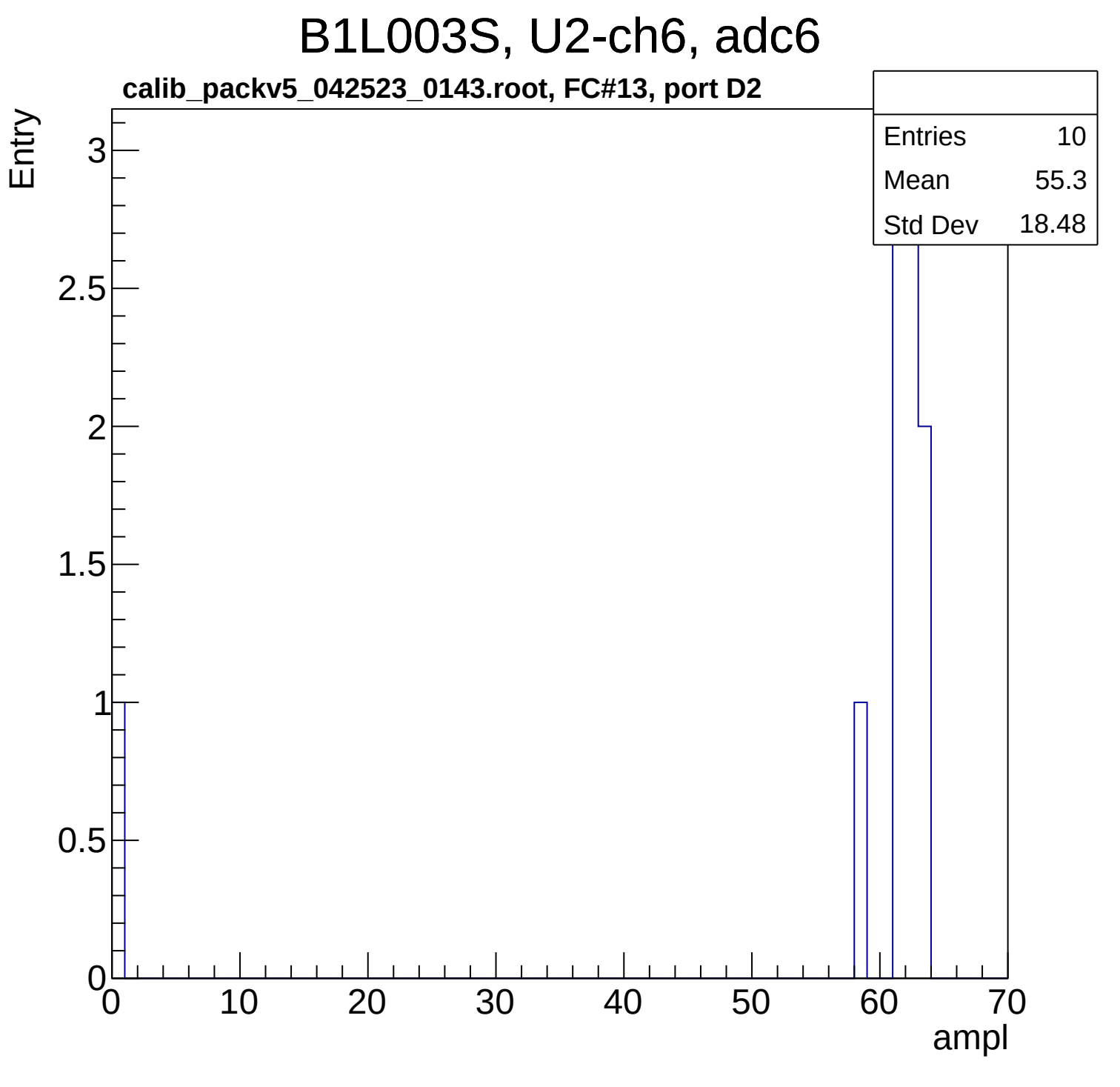
B1L003S, U2-ch6, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 55.3
Std Dev 18.48
Entry
ampl
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2
2.5
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0
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60
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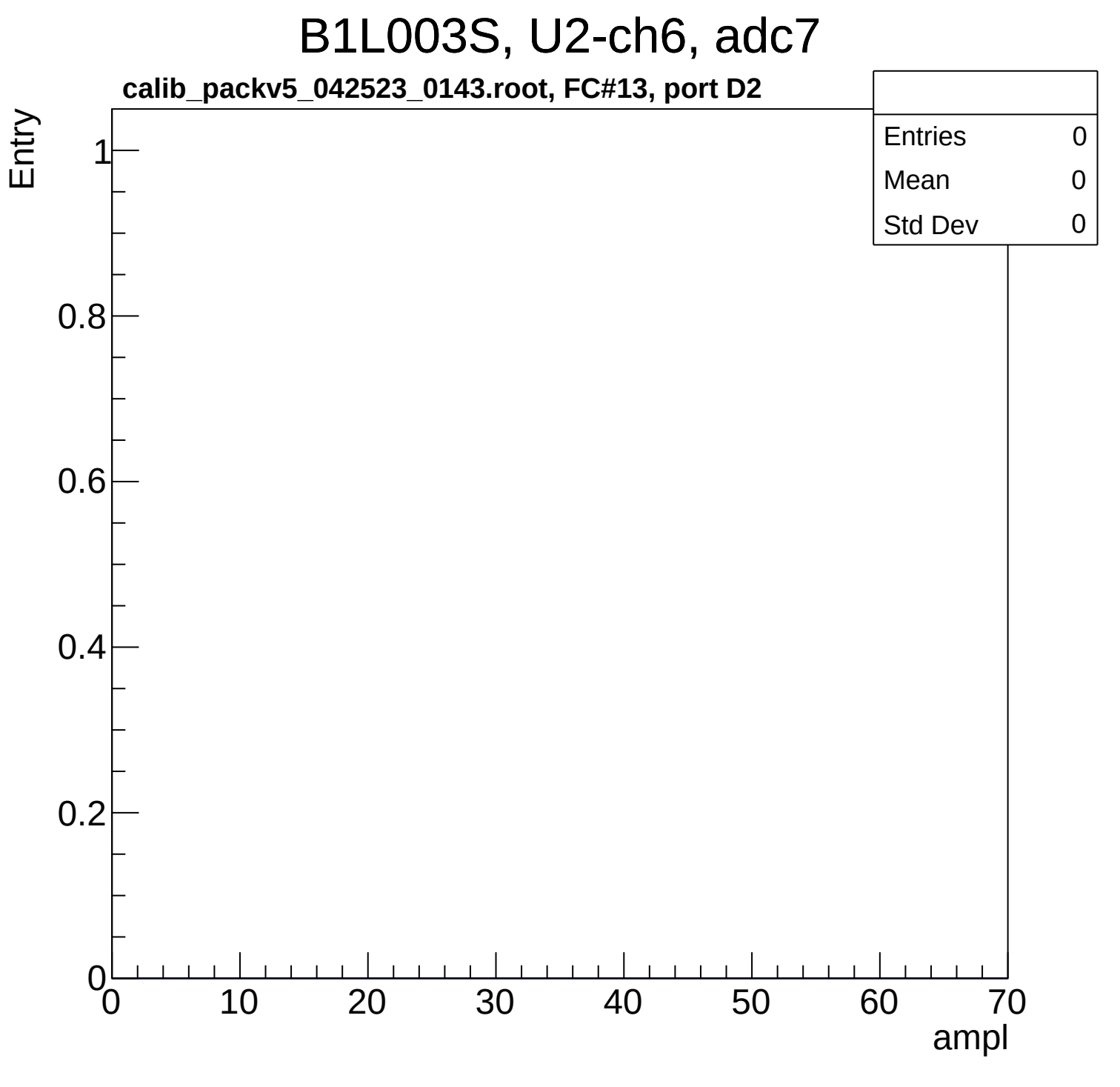
B1L003S, U2-ch6, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.4
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10
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50
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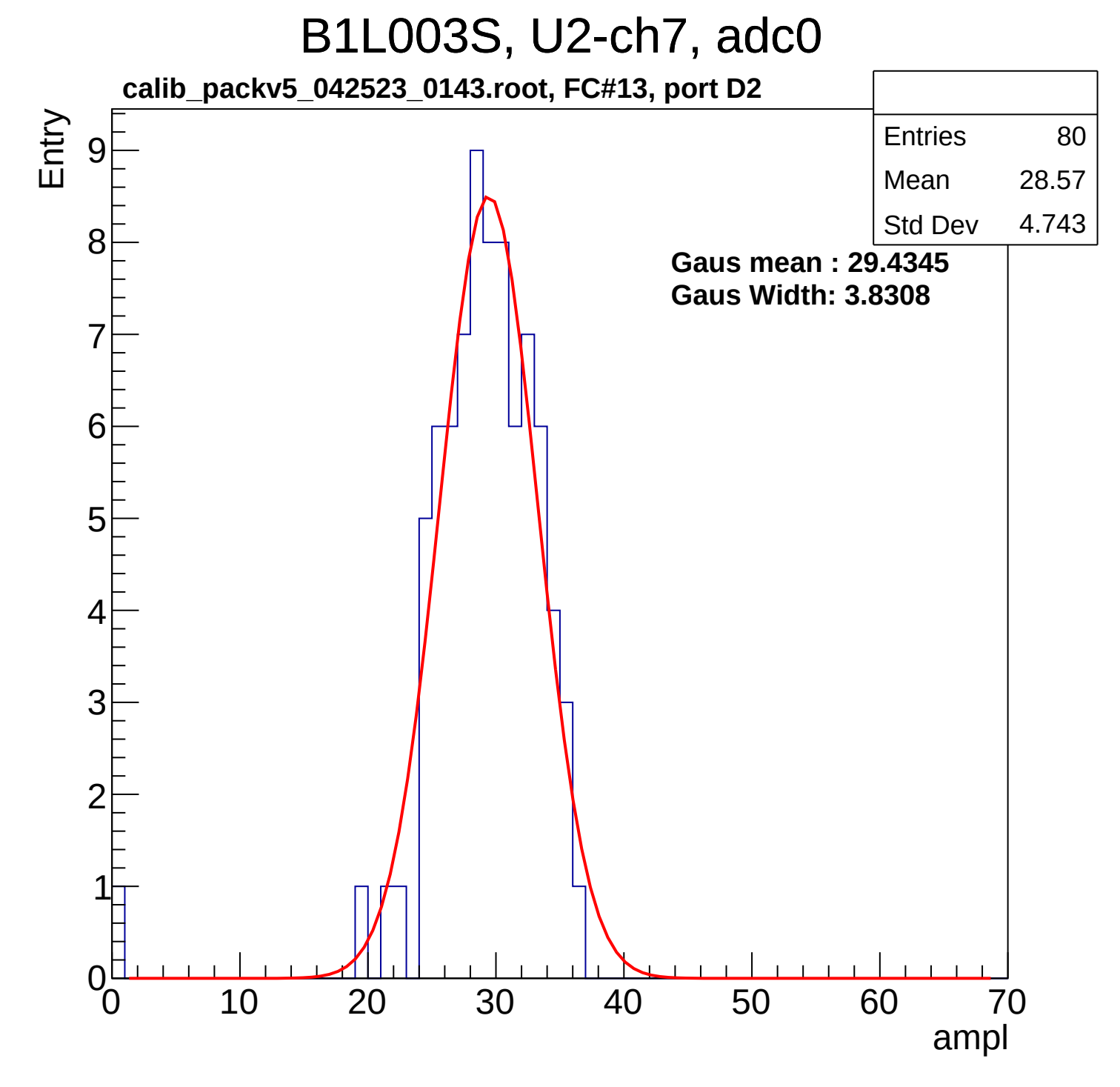
70
ampl


B1L003S, U2-ch7, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 28.57
Std Dev 4.743
Gaus mean : 29.4345
Gaus Width: 3.8308
Entry
ampl
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3
4
5
6
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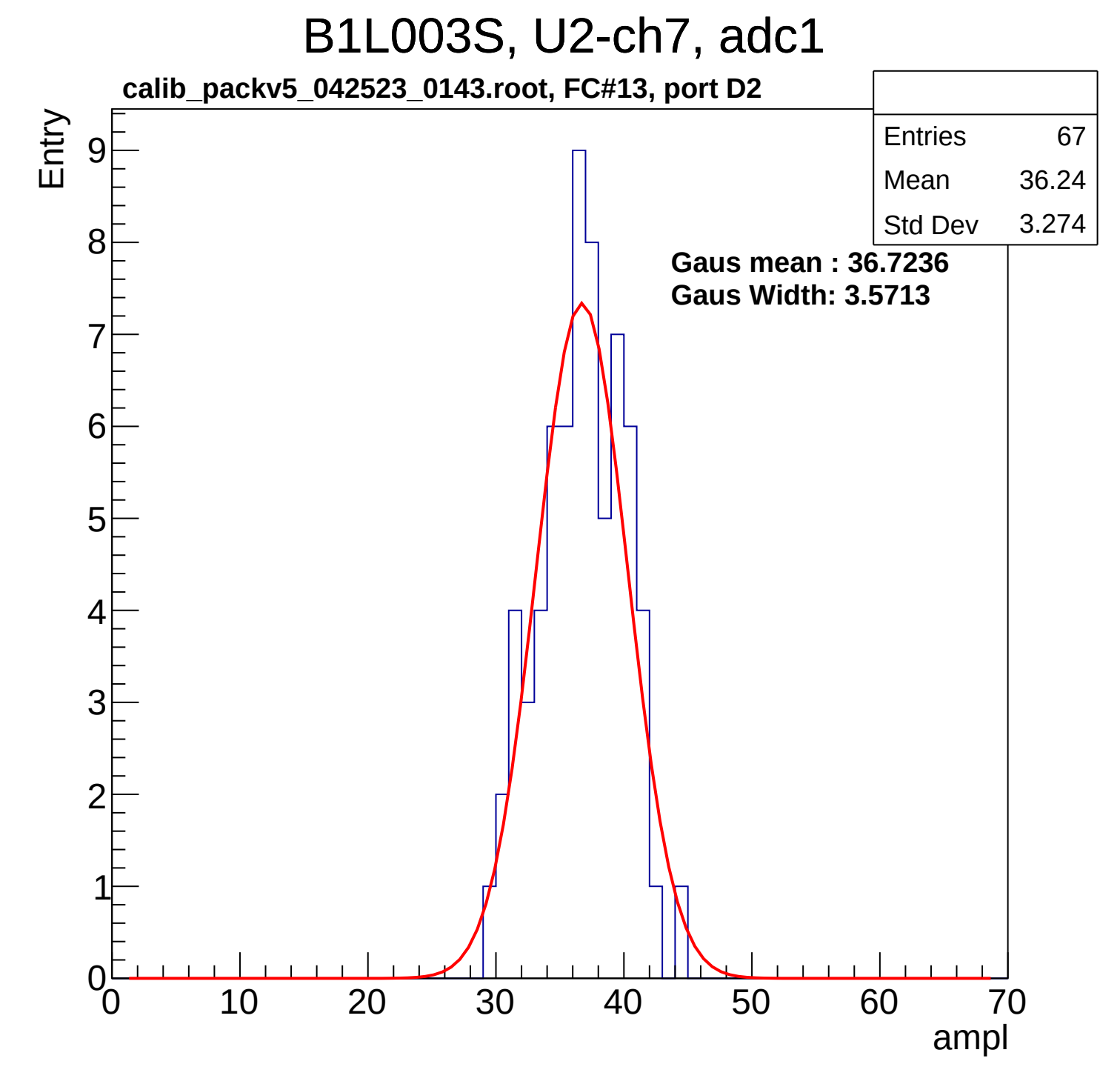
B1L003S, U2-ch7, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 36.24
Std Dev 3.274
Gaus mean : 36.7236
Gaus Width: 3.5713
Entry
ampl
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3
4
5
6
7
8
9
0
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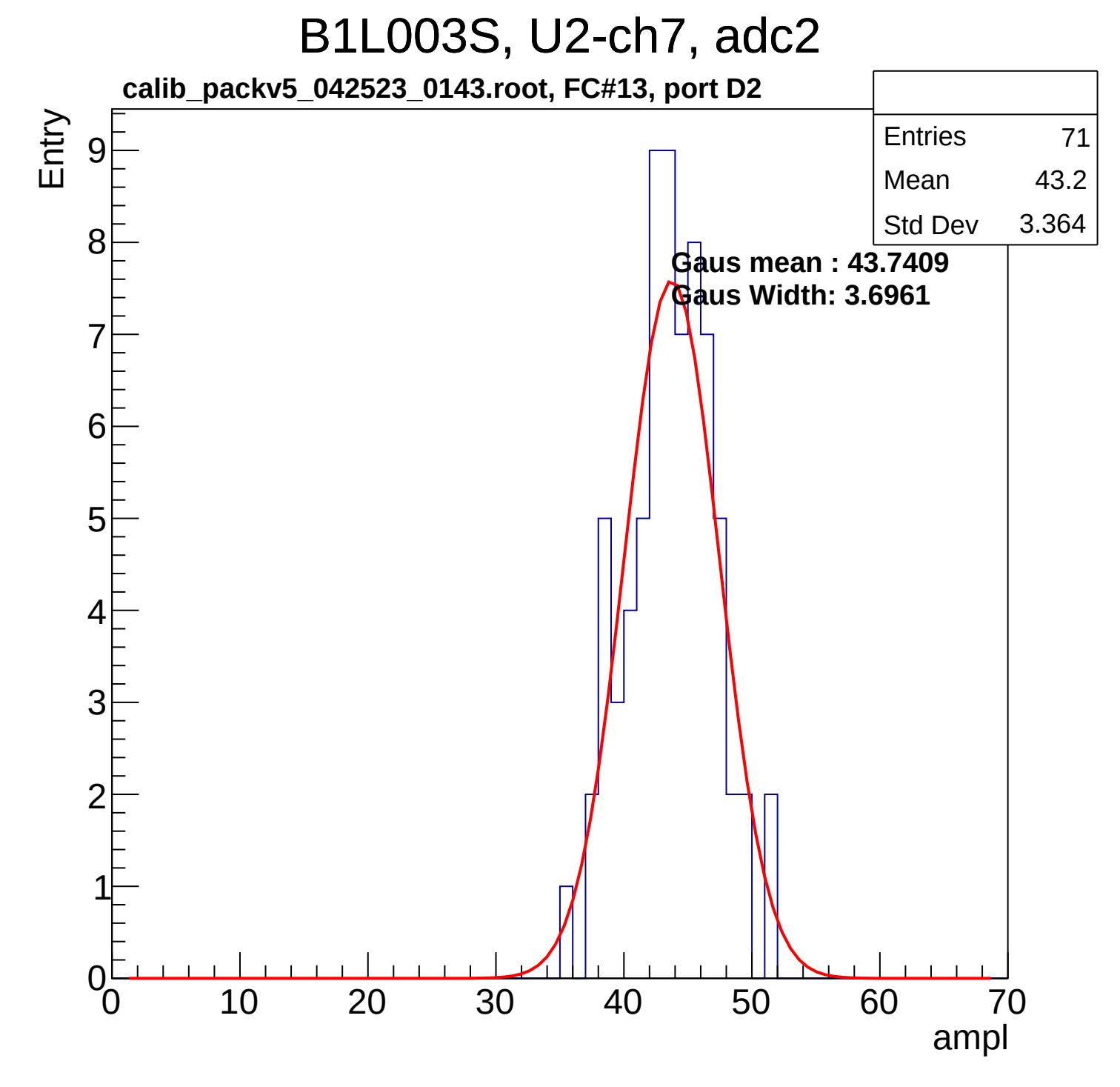
B1L003S, U2-ch7, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 43.2
Std Dev 3.364
Gaus mean : 43.7409
Gaus Width: 3.6961
Entry
ampl
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2
3
4
5
6
7
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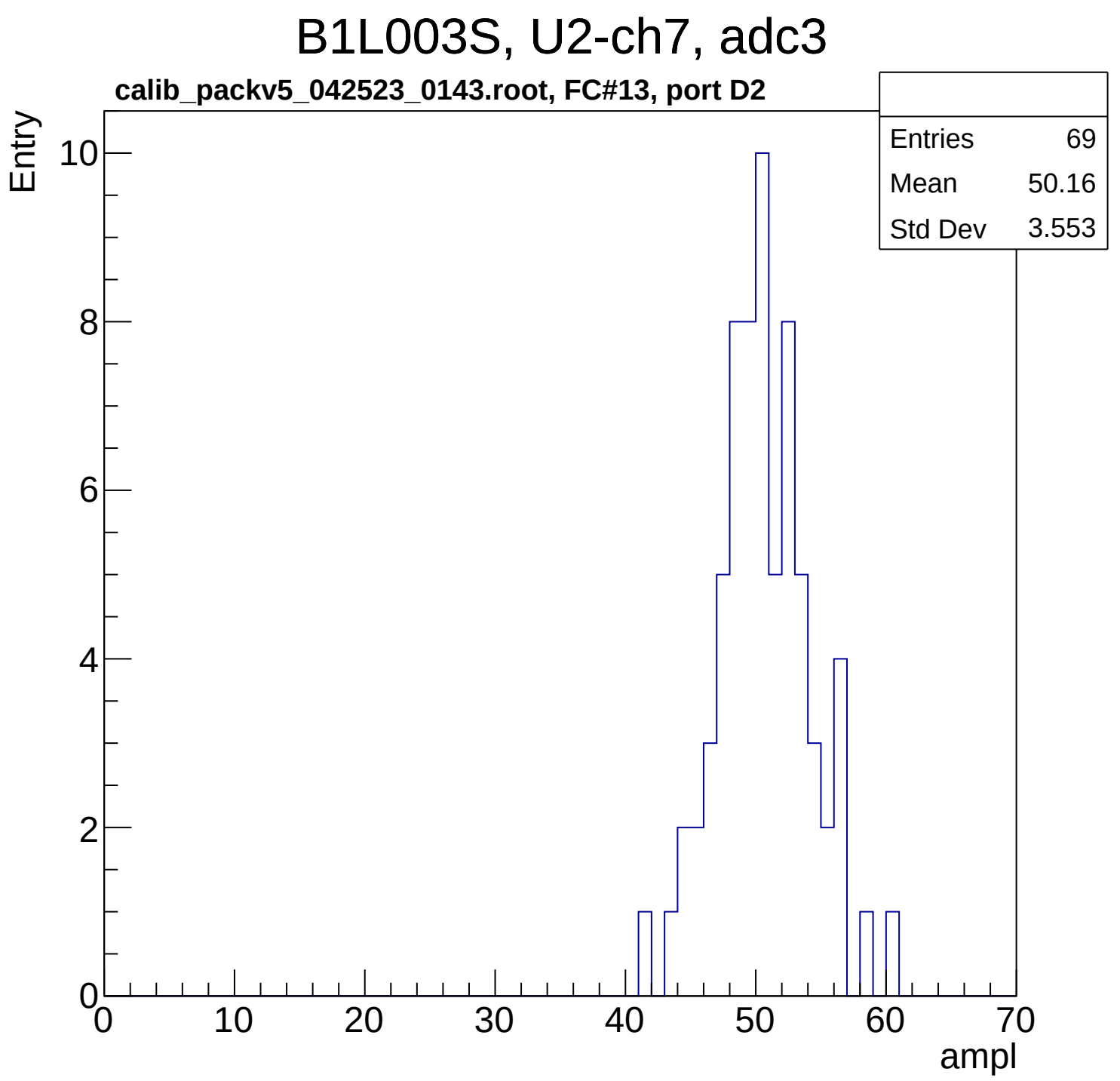
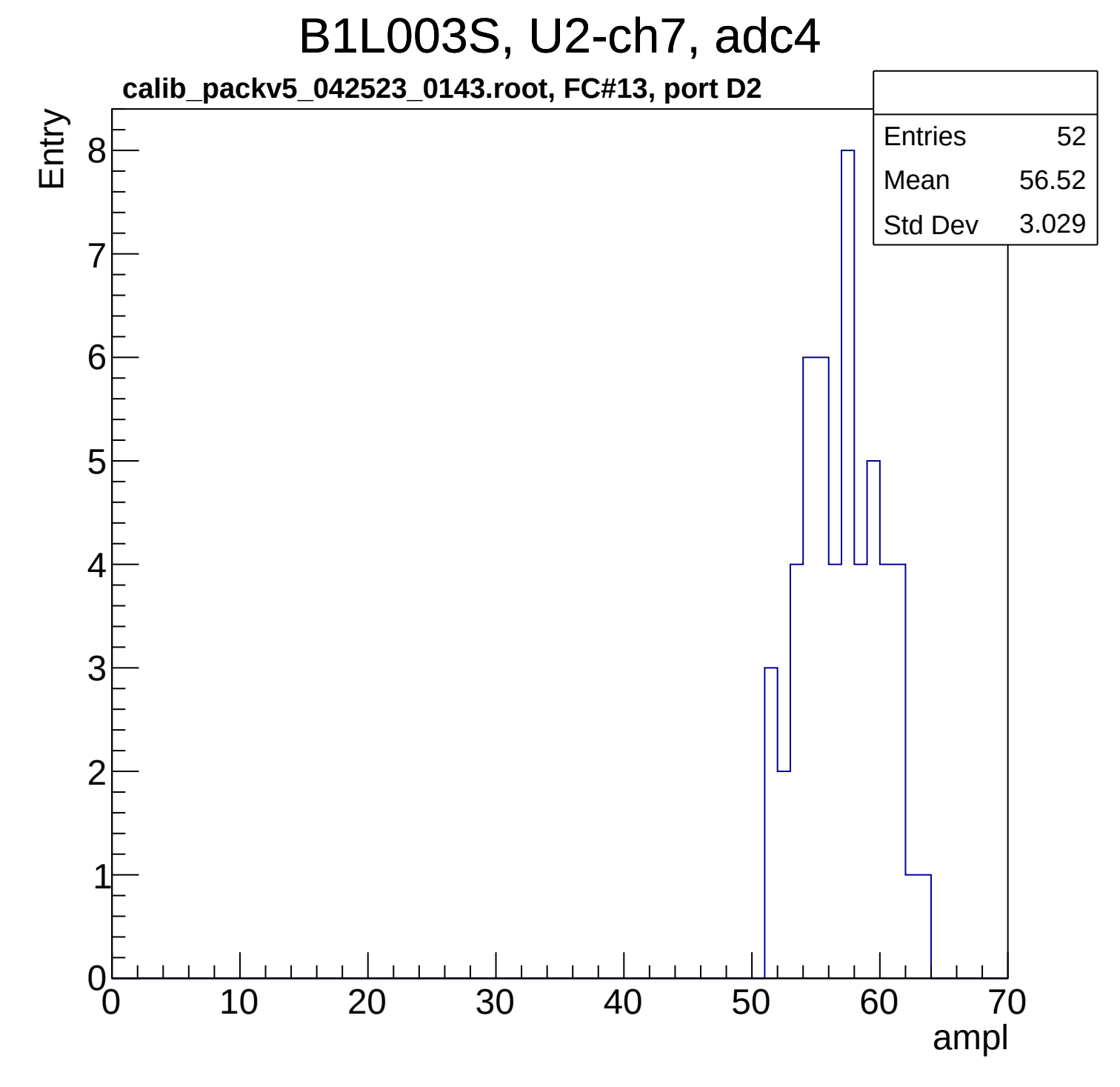

B1L003S, U2-ch7, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 50.16
Std Dev 3.553
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch7, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 56.52
Std Dev 3.029
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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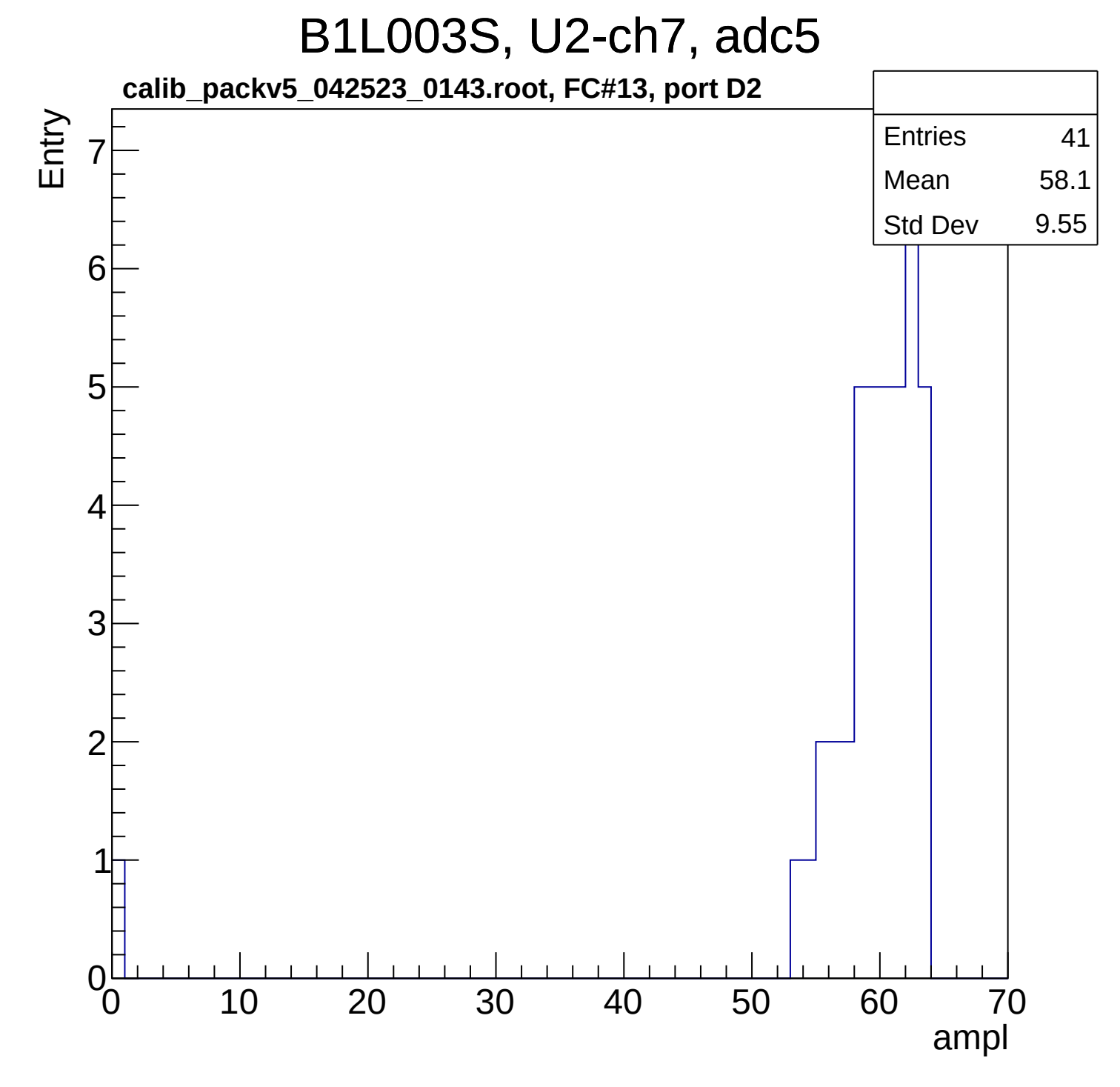
60
70


B1L003S, U2-ch7, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 58.1
Std Dev 9.55
Entry
ampl
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60
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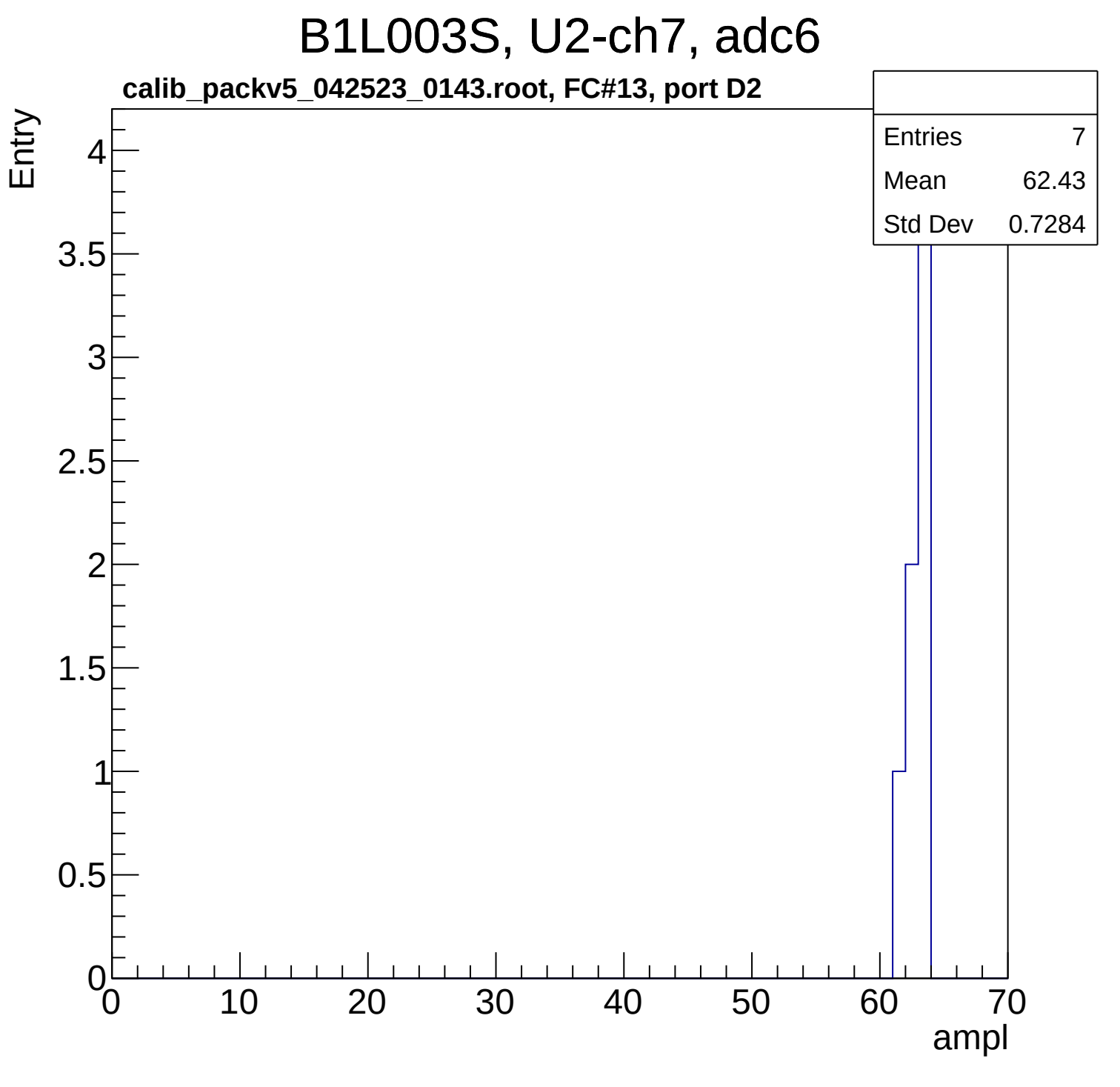
B1L003S, U2-ch7, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.43
Std Dev 0.7284
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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60
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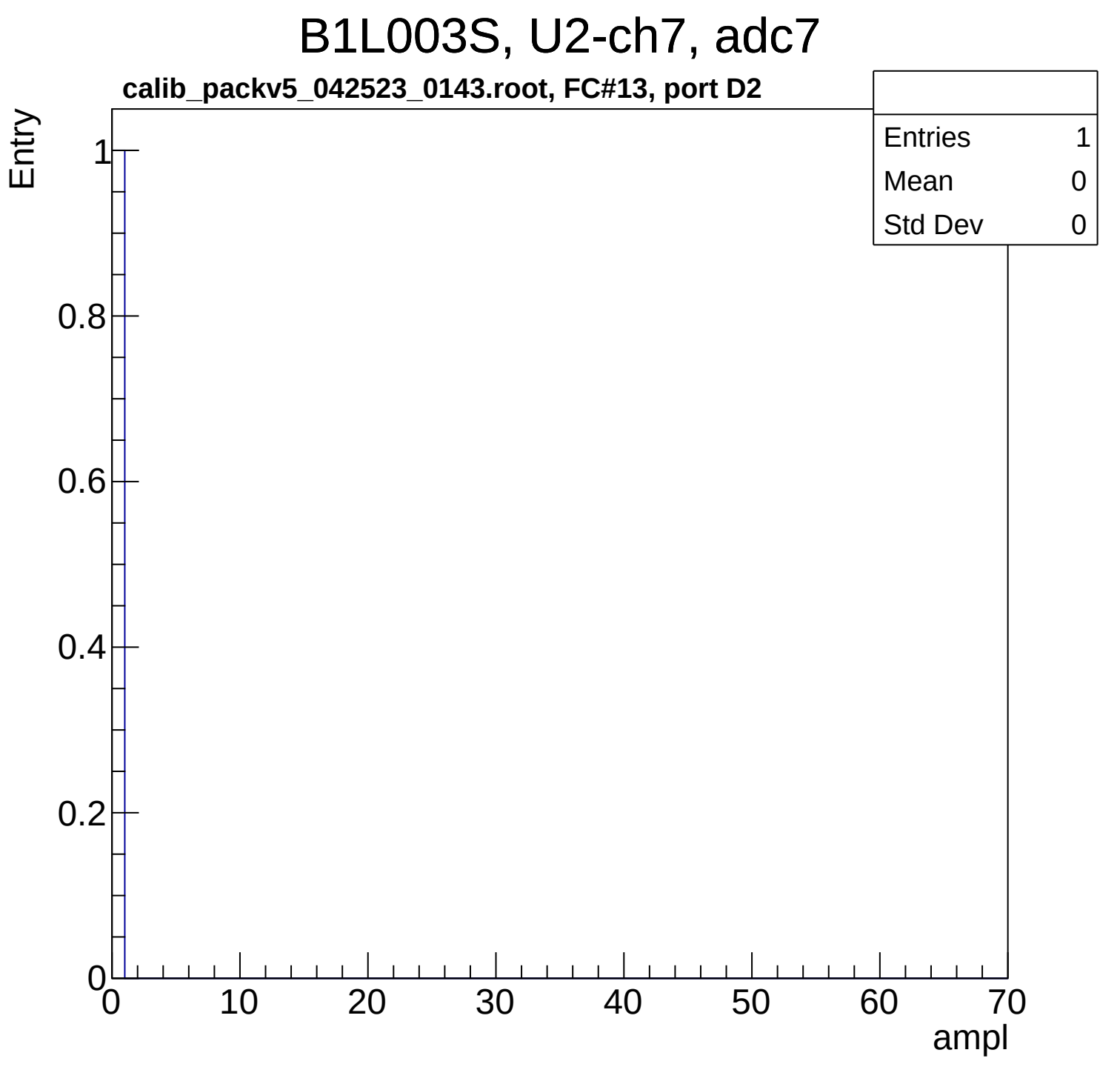
B1L003S, U2-ch7, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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10
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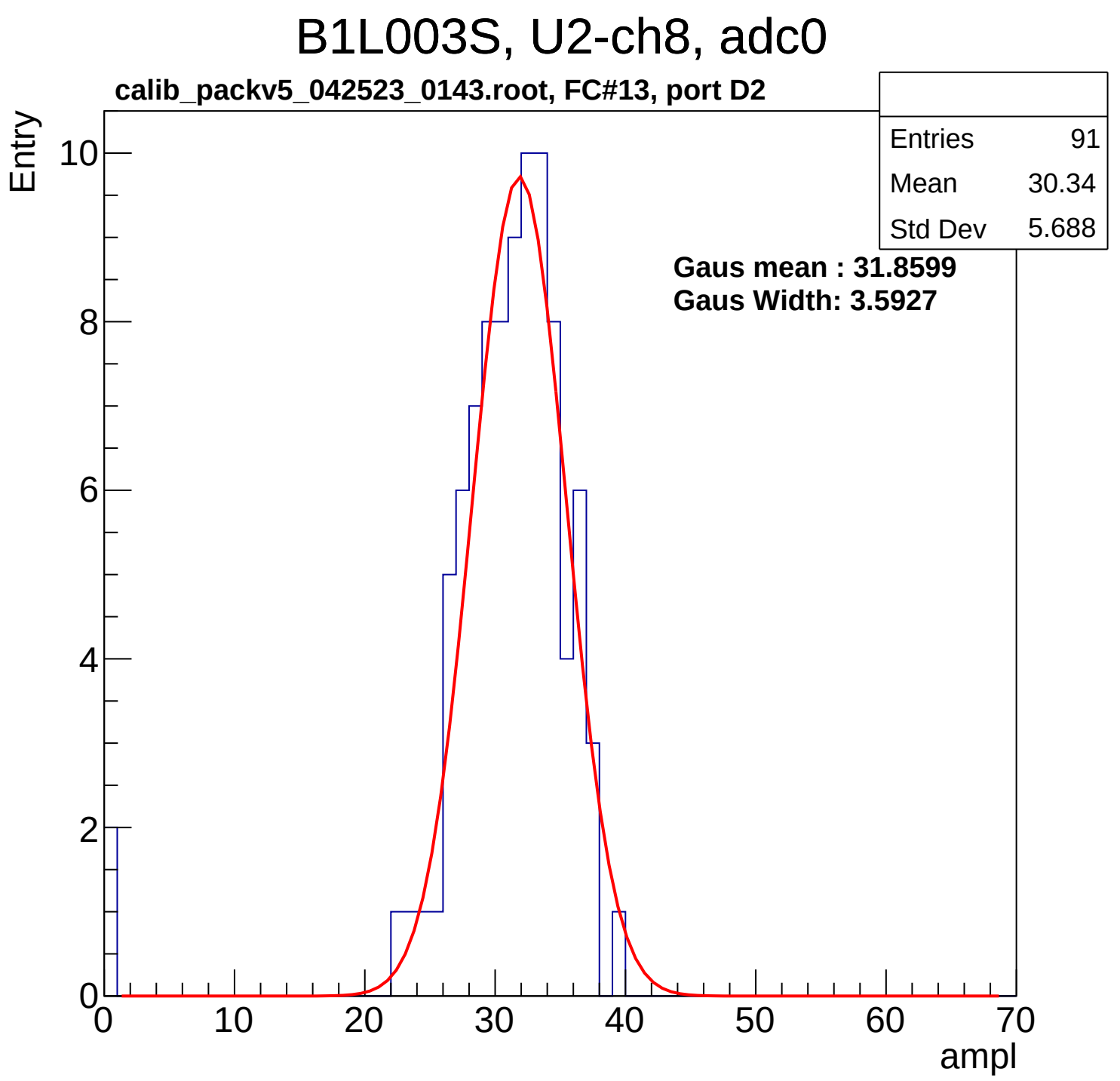
50
60
70
ampl


B1L003S, U2-ch8, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 91
Mean 30.34
Std Dev 5.688
Gaus mean : 31.8599
Gaus Width: 3.5927
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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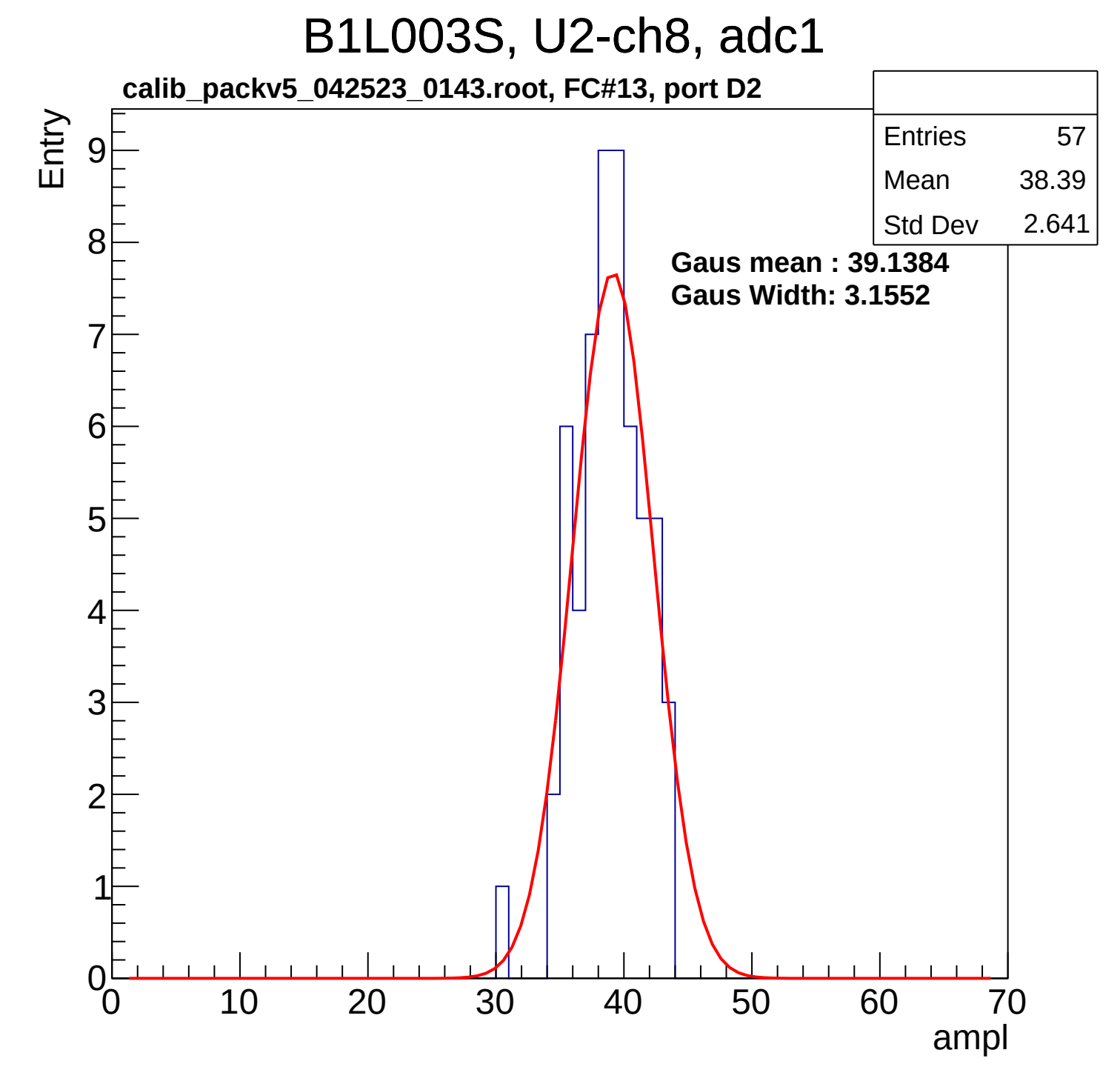
B1L003S, U2-ch8, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 38.39
Std Dev 2.641
Gaus mean : 39.1384
Gaus Width: 3.1552
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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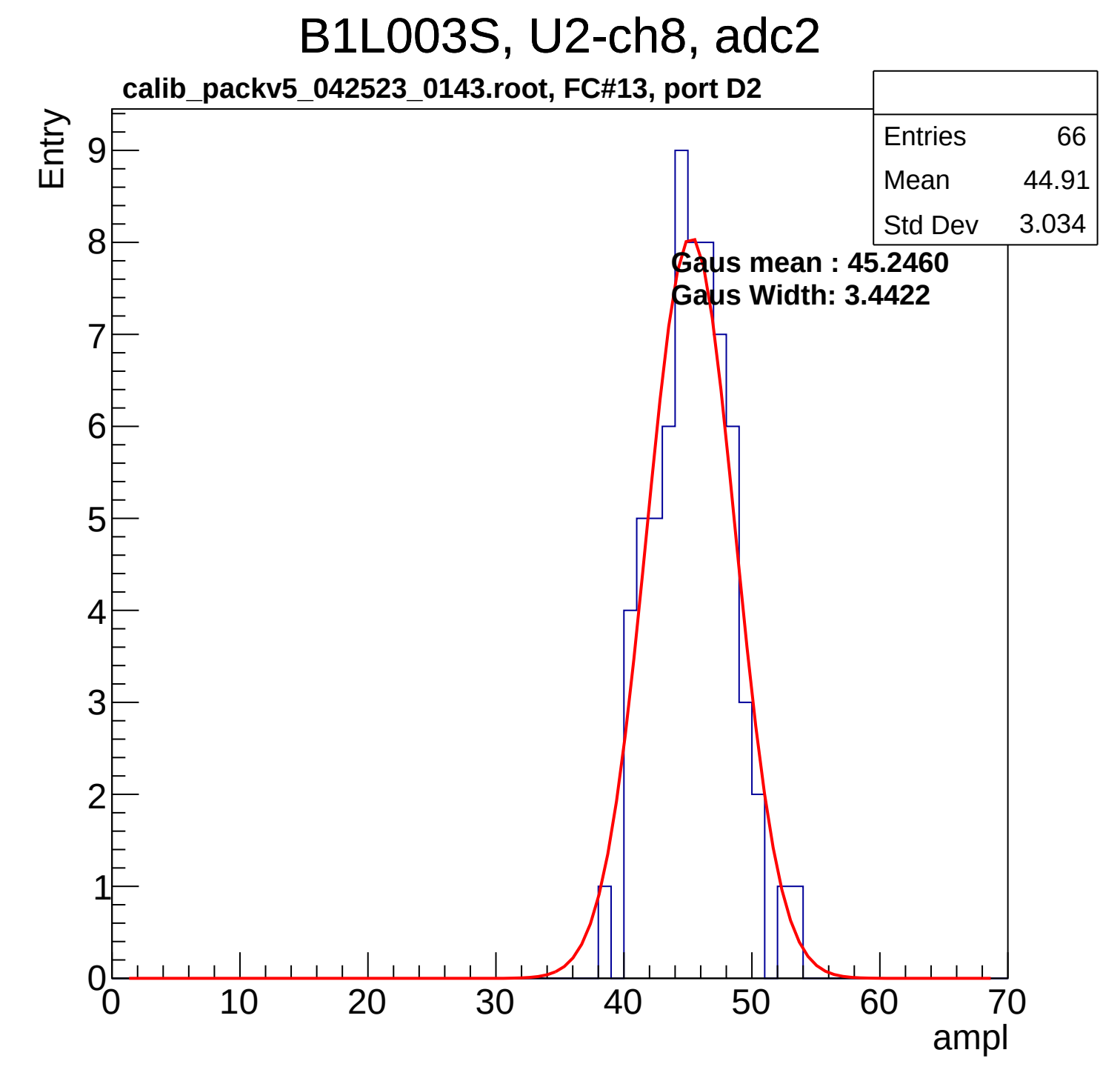
B1L003S, U2-ch8, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 44.91
Std Dev 3.034
Gaus mean : 45.2460
Gaus Width: 3.4422
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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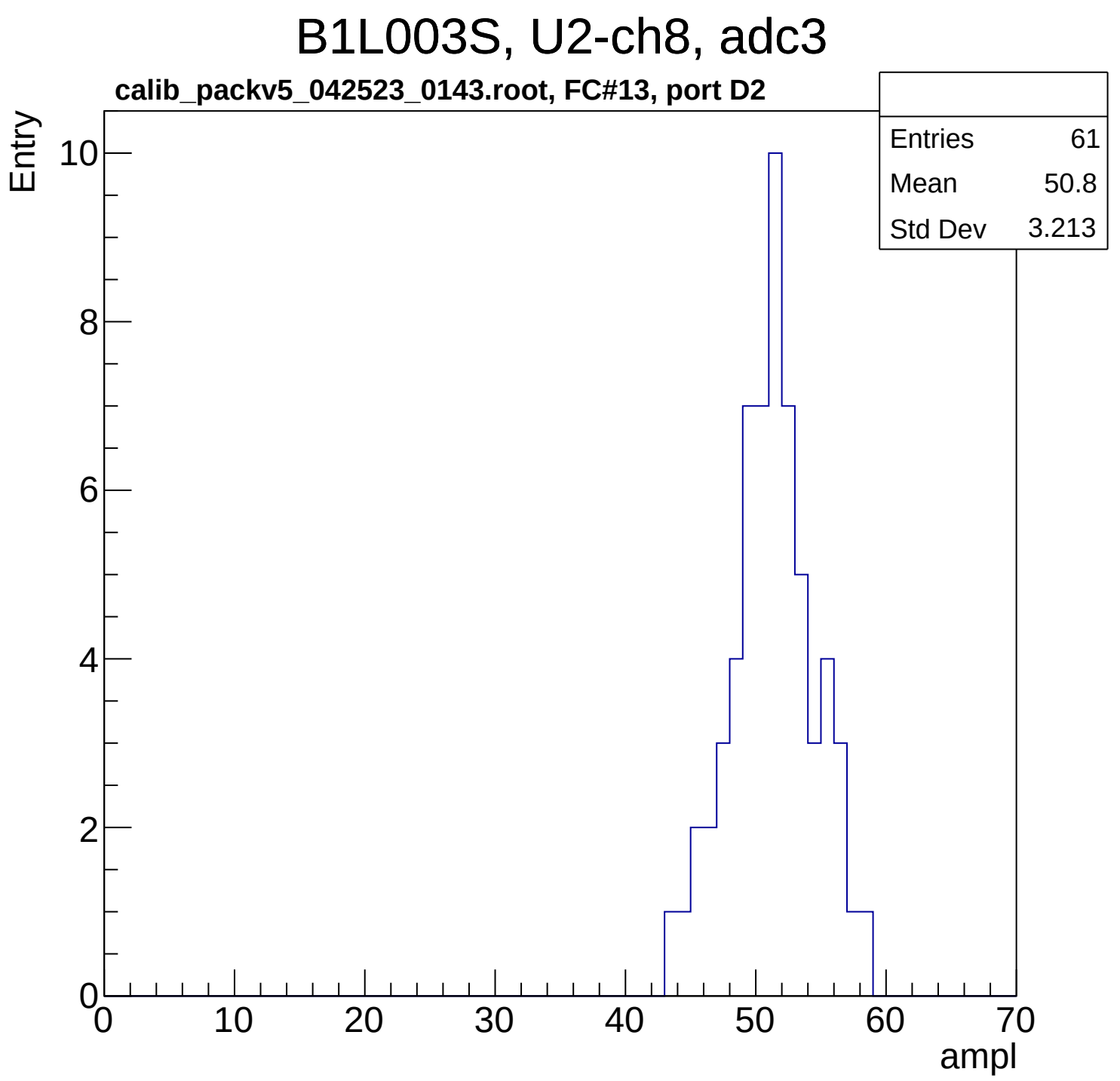
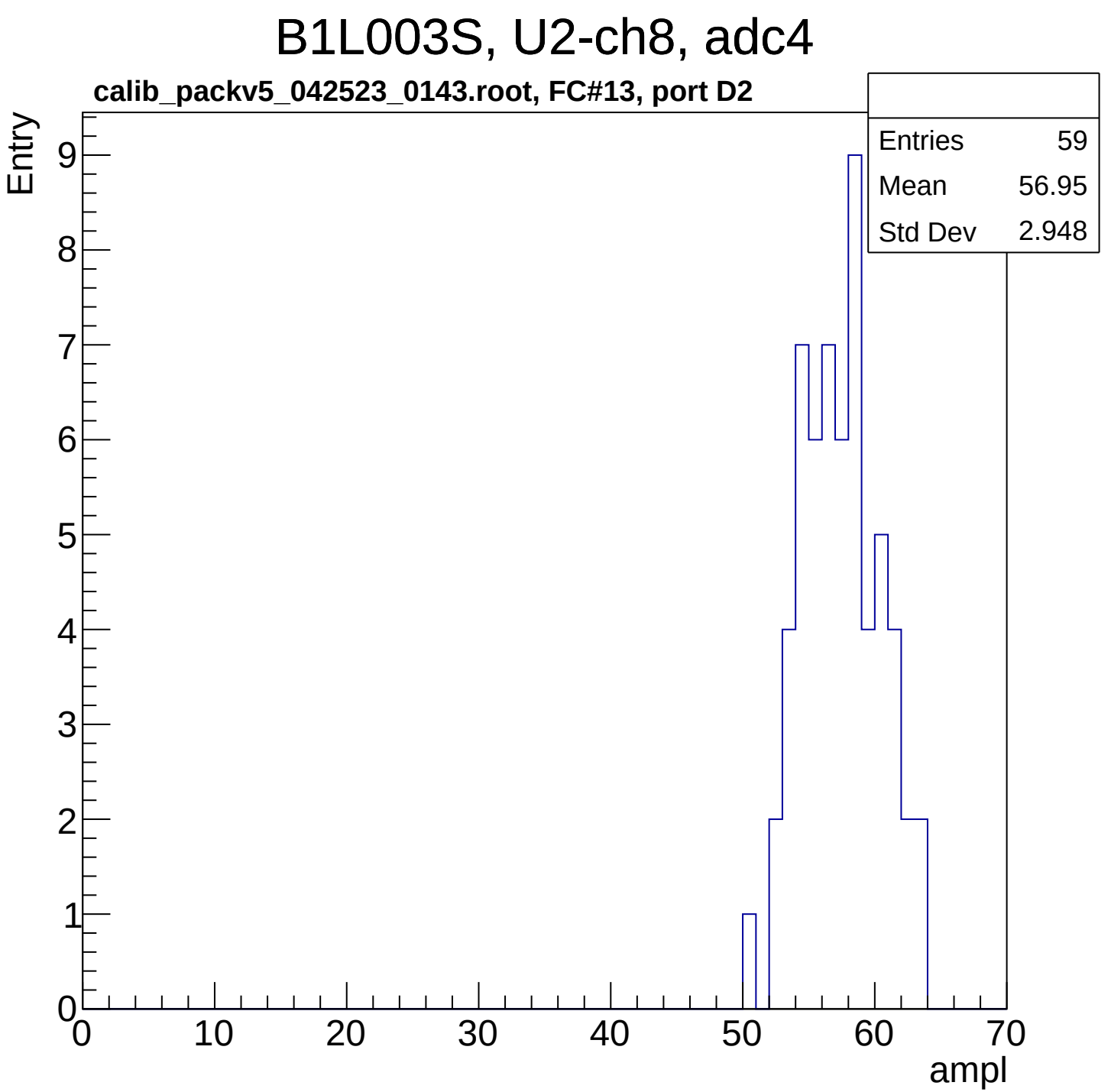
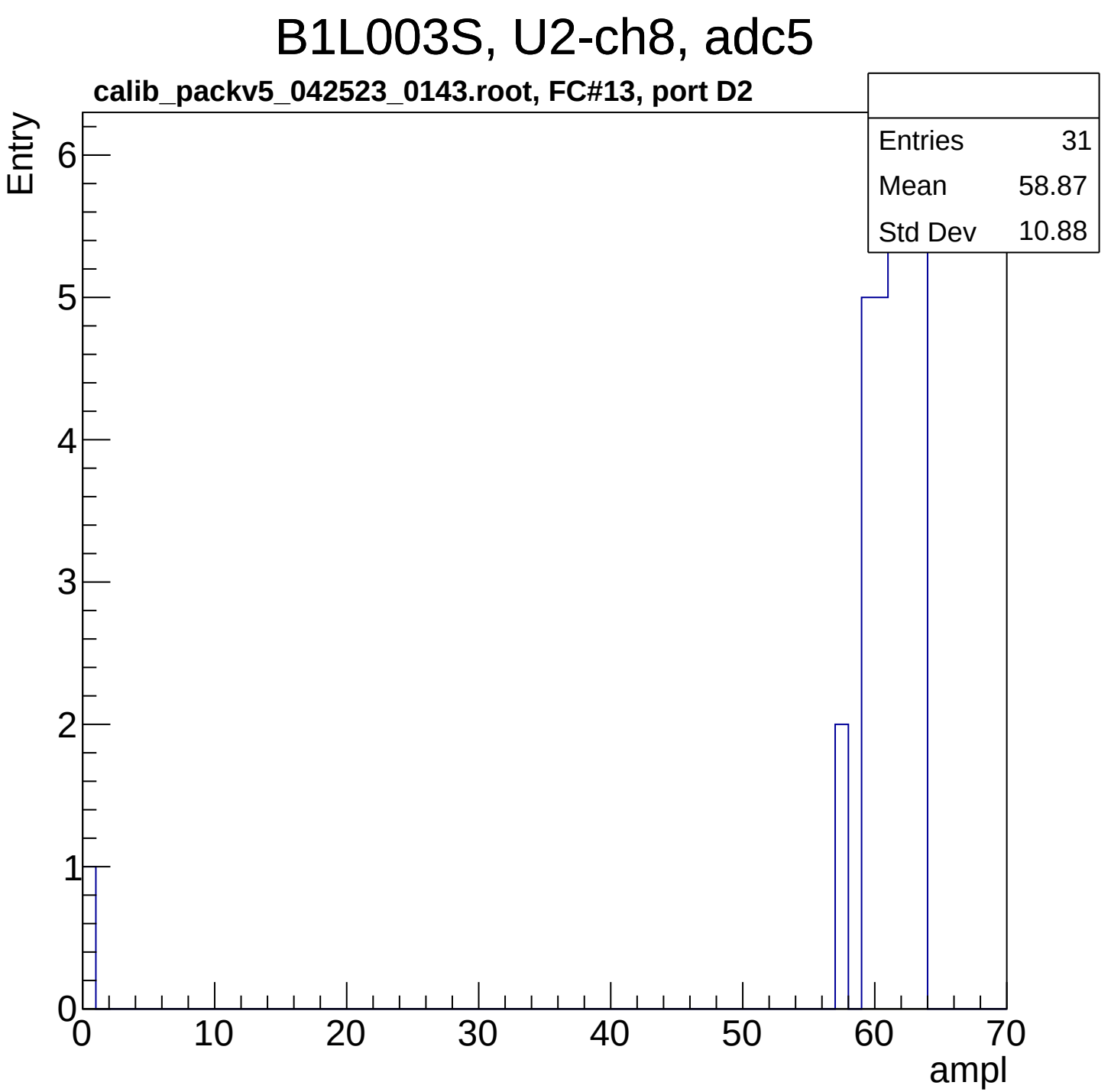
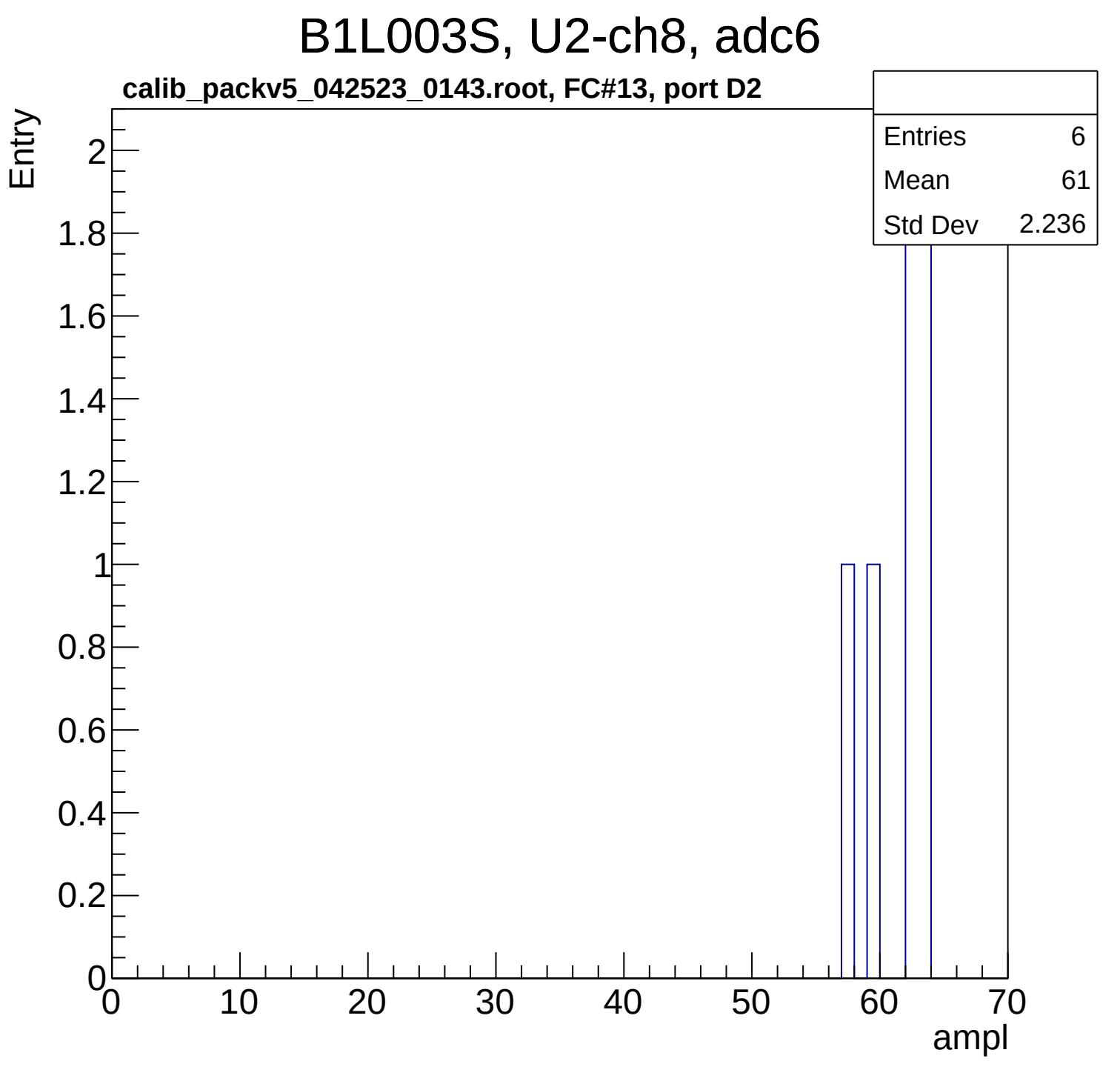
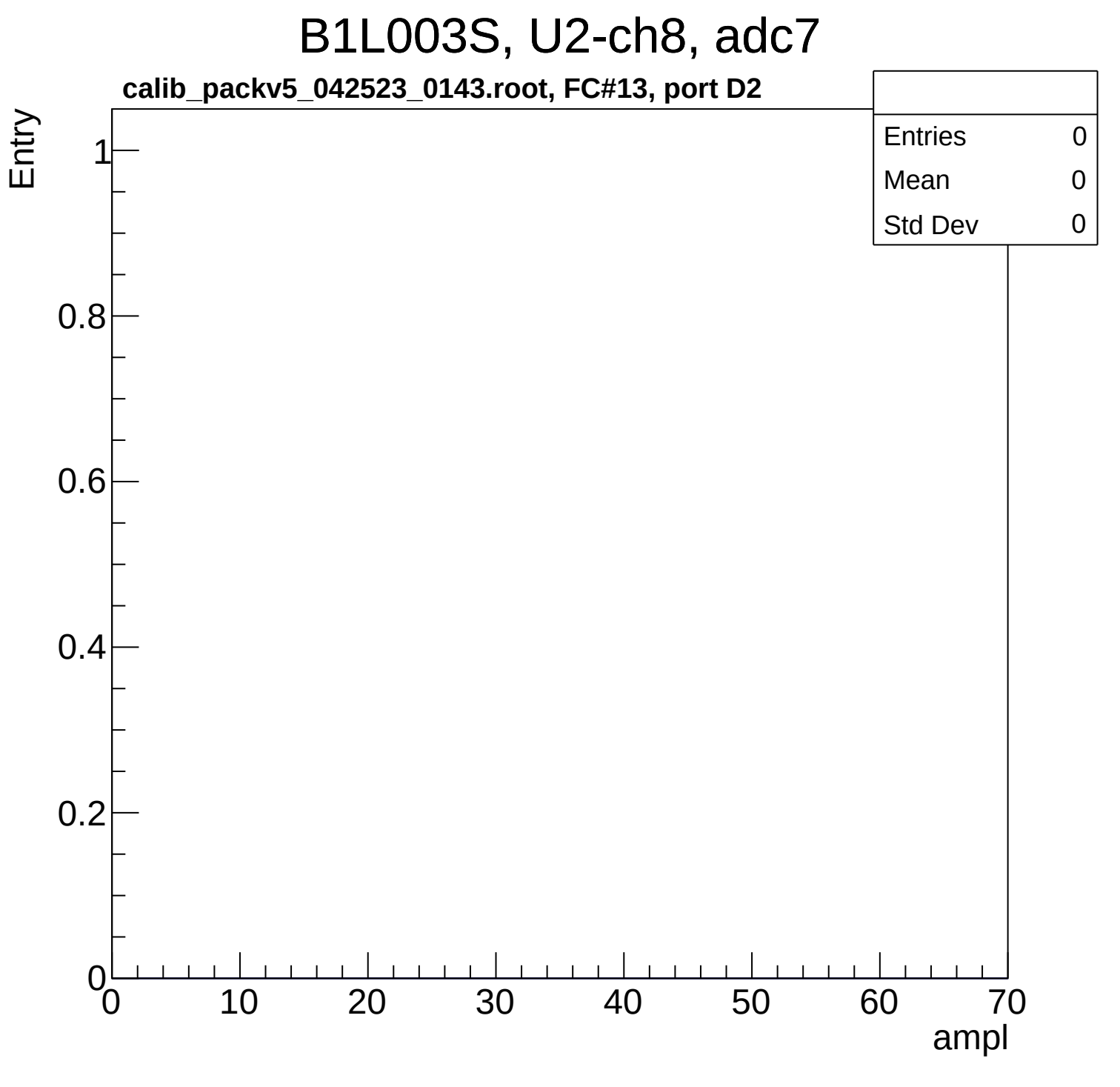
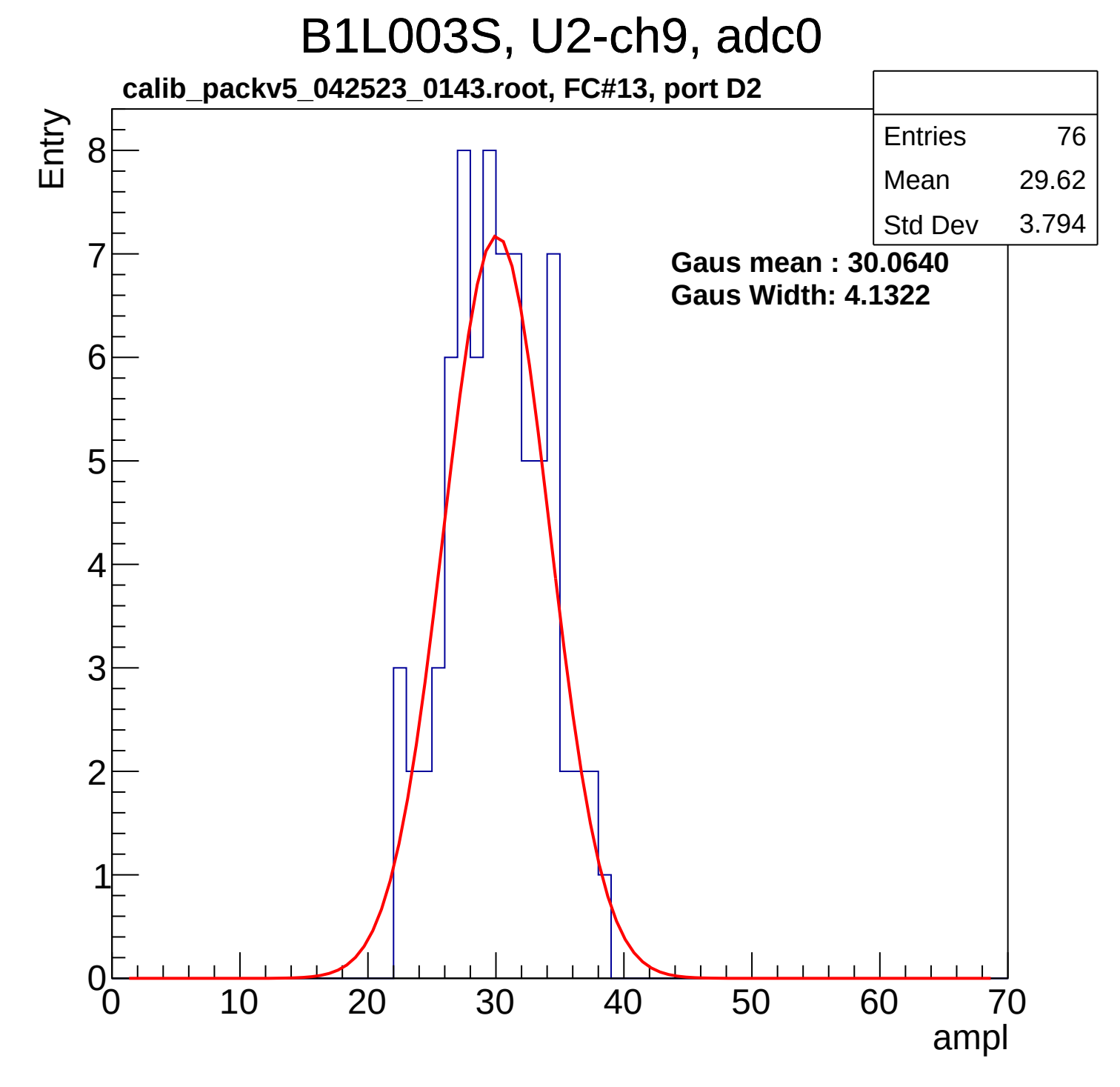

B1L003S, U2-ch8, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 50.8
Std Dev 3.213
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

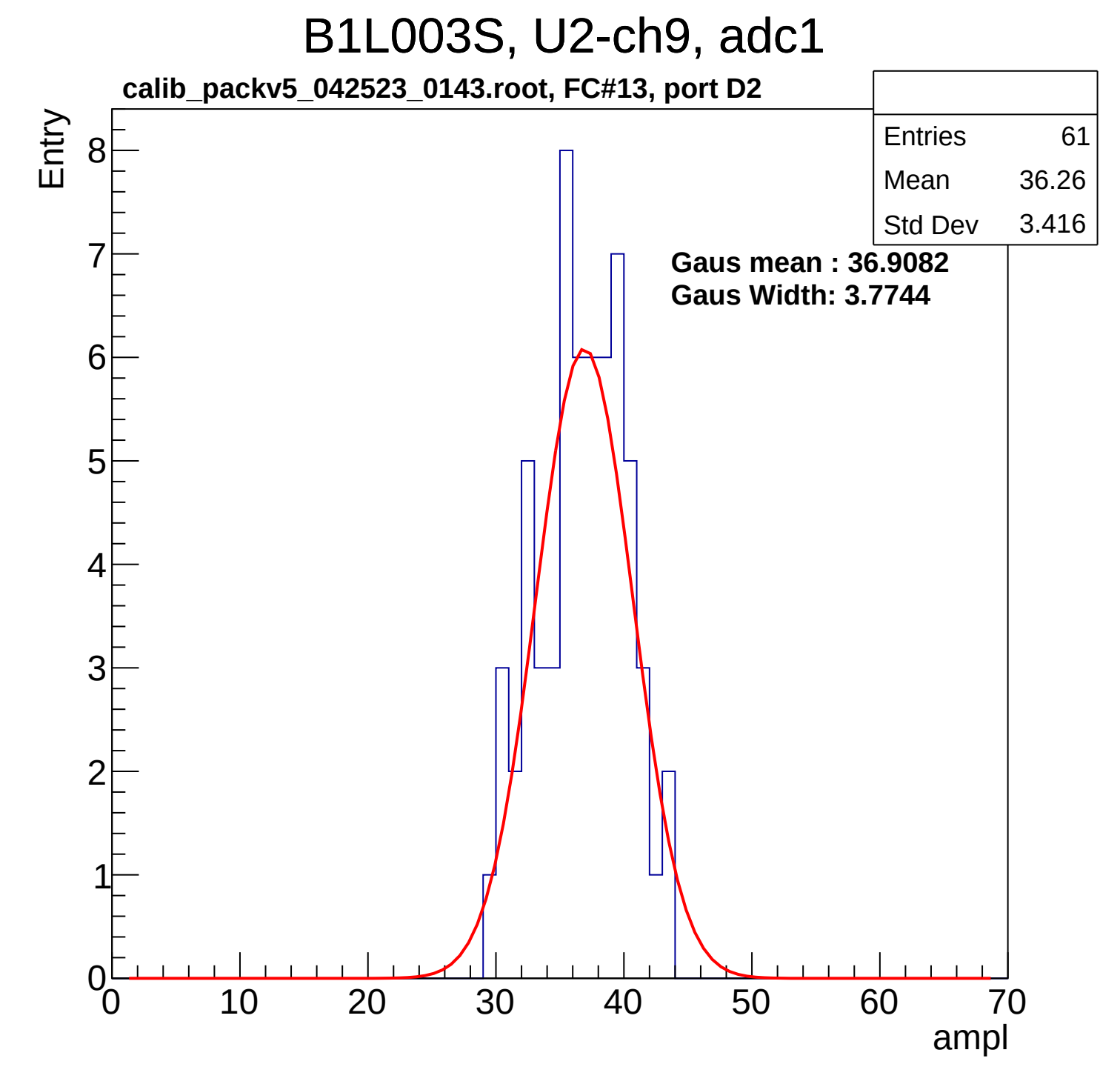

B1L003S, U2-ch8, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 56.95
Std Dev 2.948
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

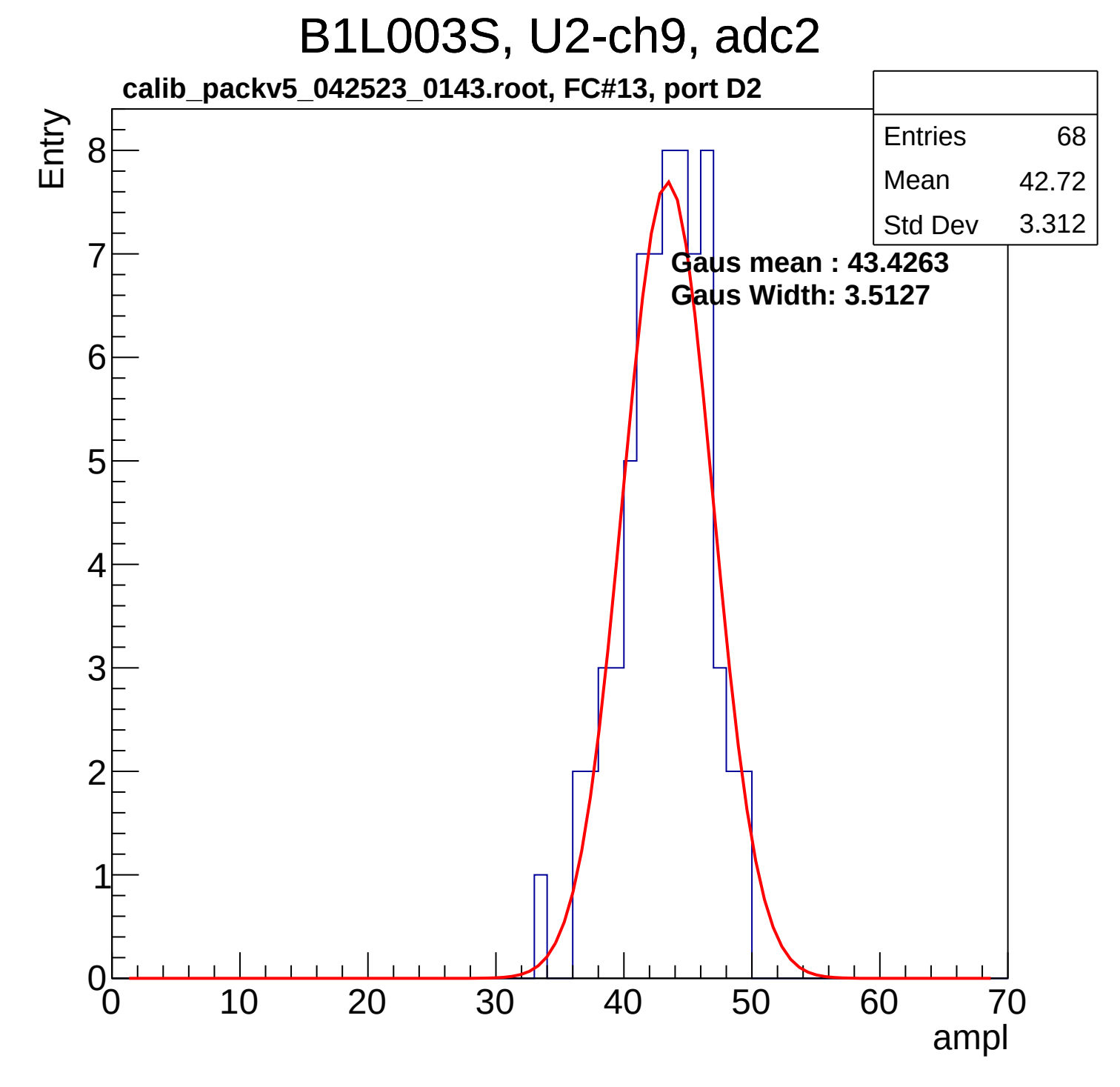

B1L003S, U2-ch8, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 31
Mean 58.87
Std Dev 10.88
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch8, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 61
Std Dev 2.236
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


B1L003S, U2-ch8, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch9, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 29.62
Std Dev 3.794
Gaus mean : 30.0640
Gaus Width: 4.1322
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch9, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.26
Std Dev 3.416
Gaus mean : 36.9082
Gaus Width: 3.7744
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch9, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 42.72
Std Dev 3.312
Gaus mean : 43.4263
Gaus Width: 3.5127
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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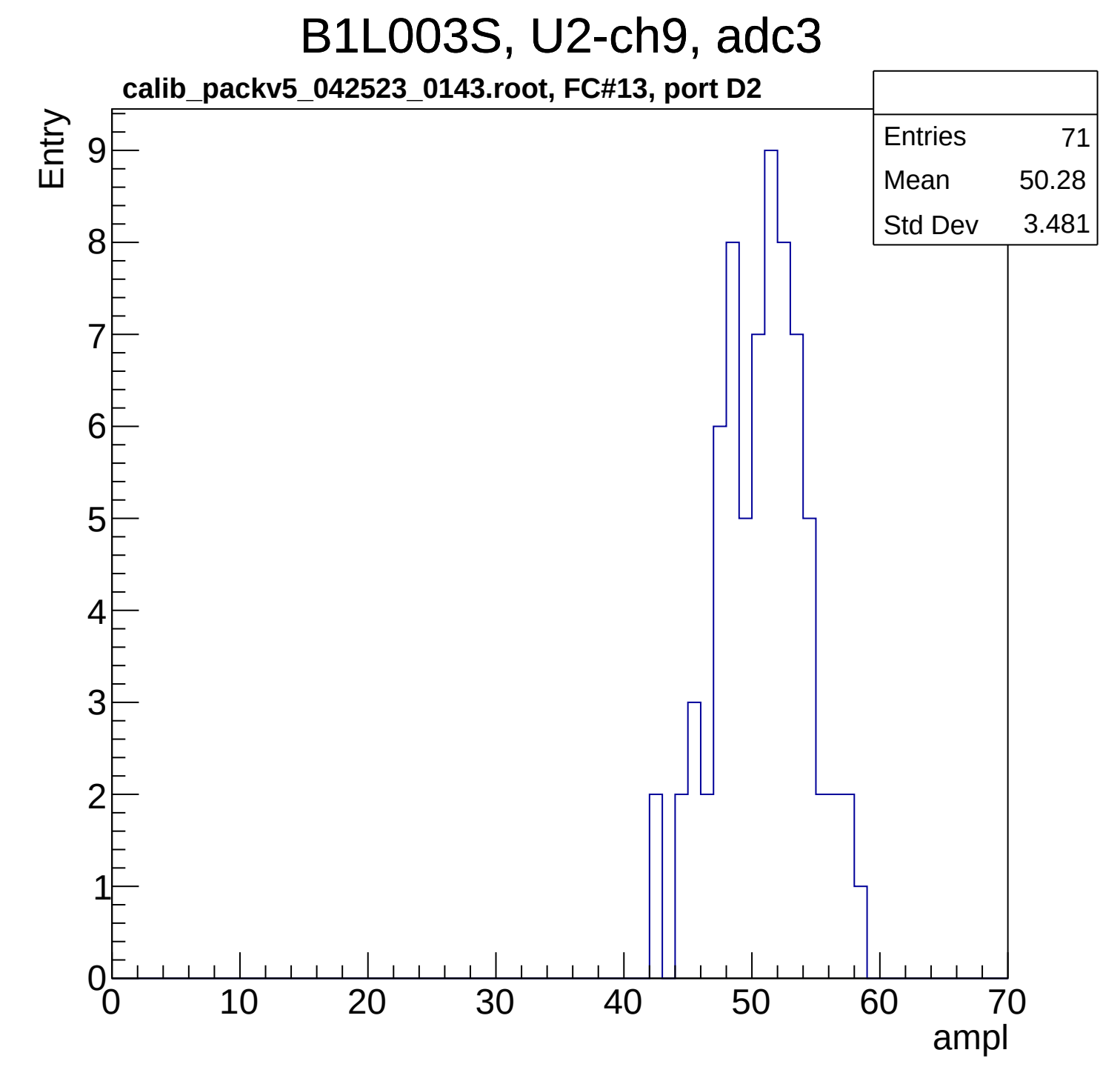
B1L003S, U2-ch9, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 50.28
Std Dev 3.481
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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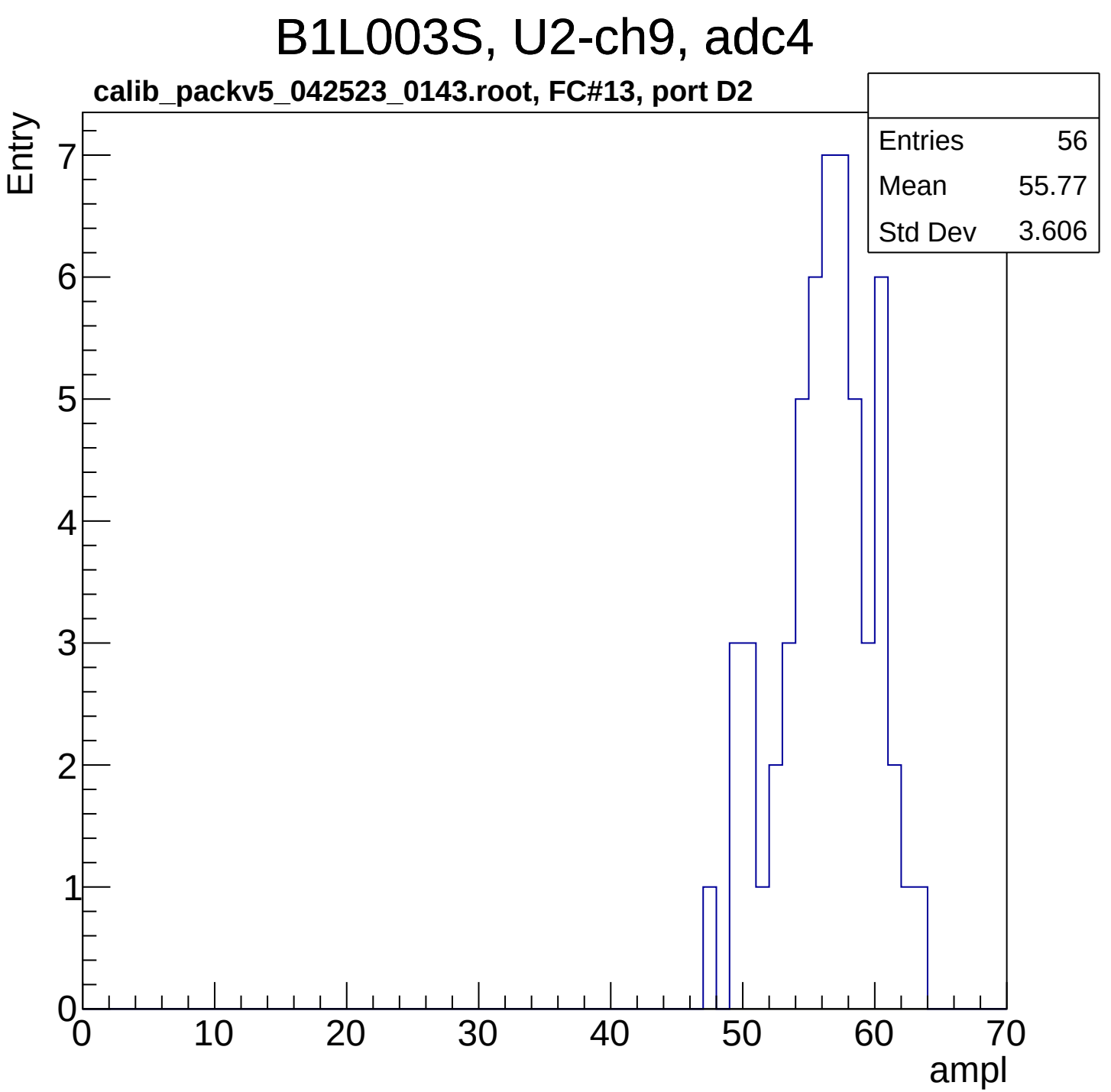
B1L003S, U2-ch9, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 55.77
Std Dev 3.606
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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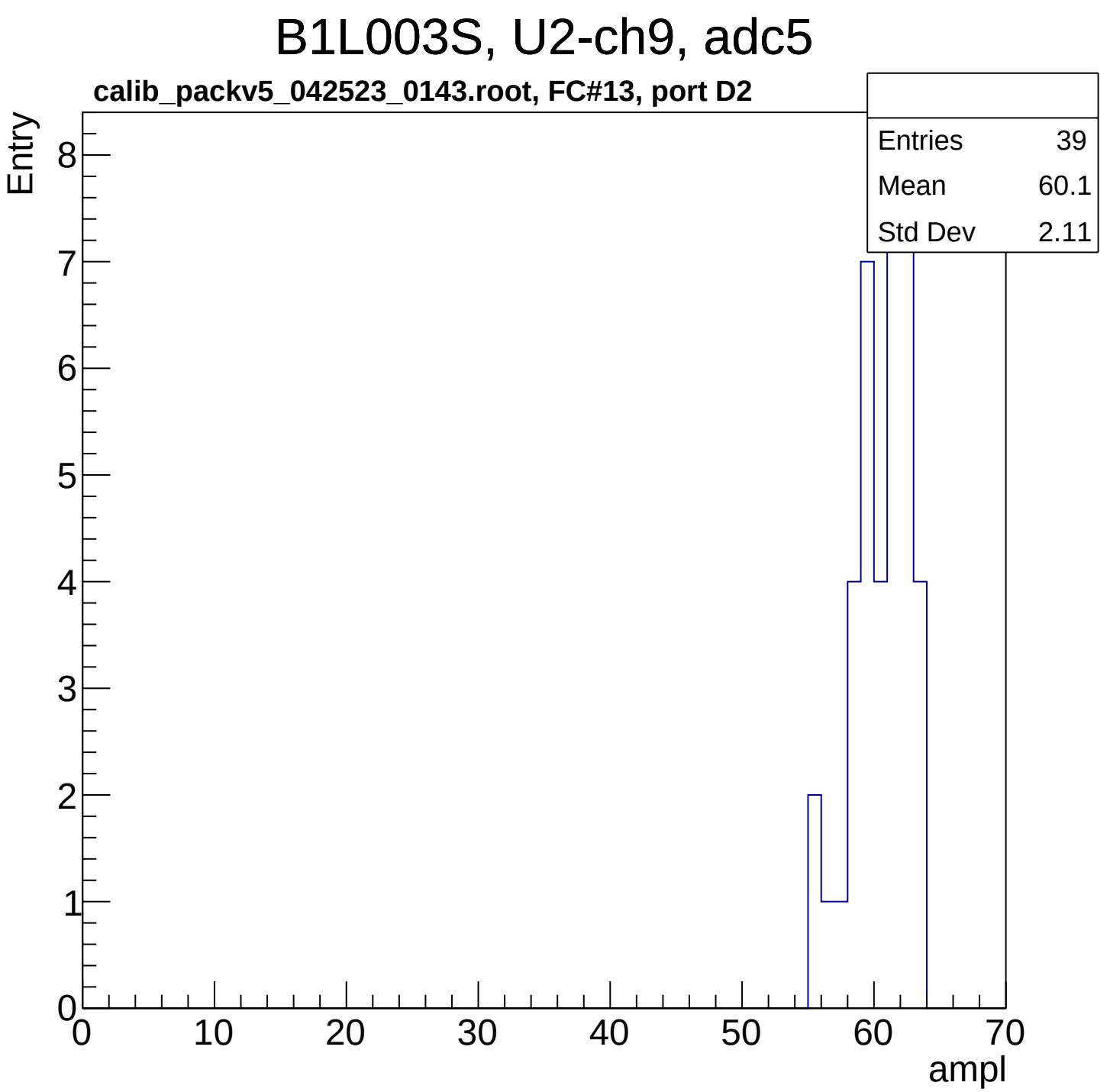
B1L003S, U2-ch9, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 60.1
Std Dev 2.11
Entry
ampl
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2
3
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5
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7
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0
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20
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40
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60
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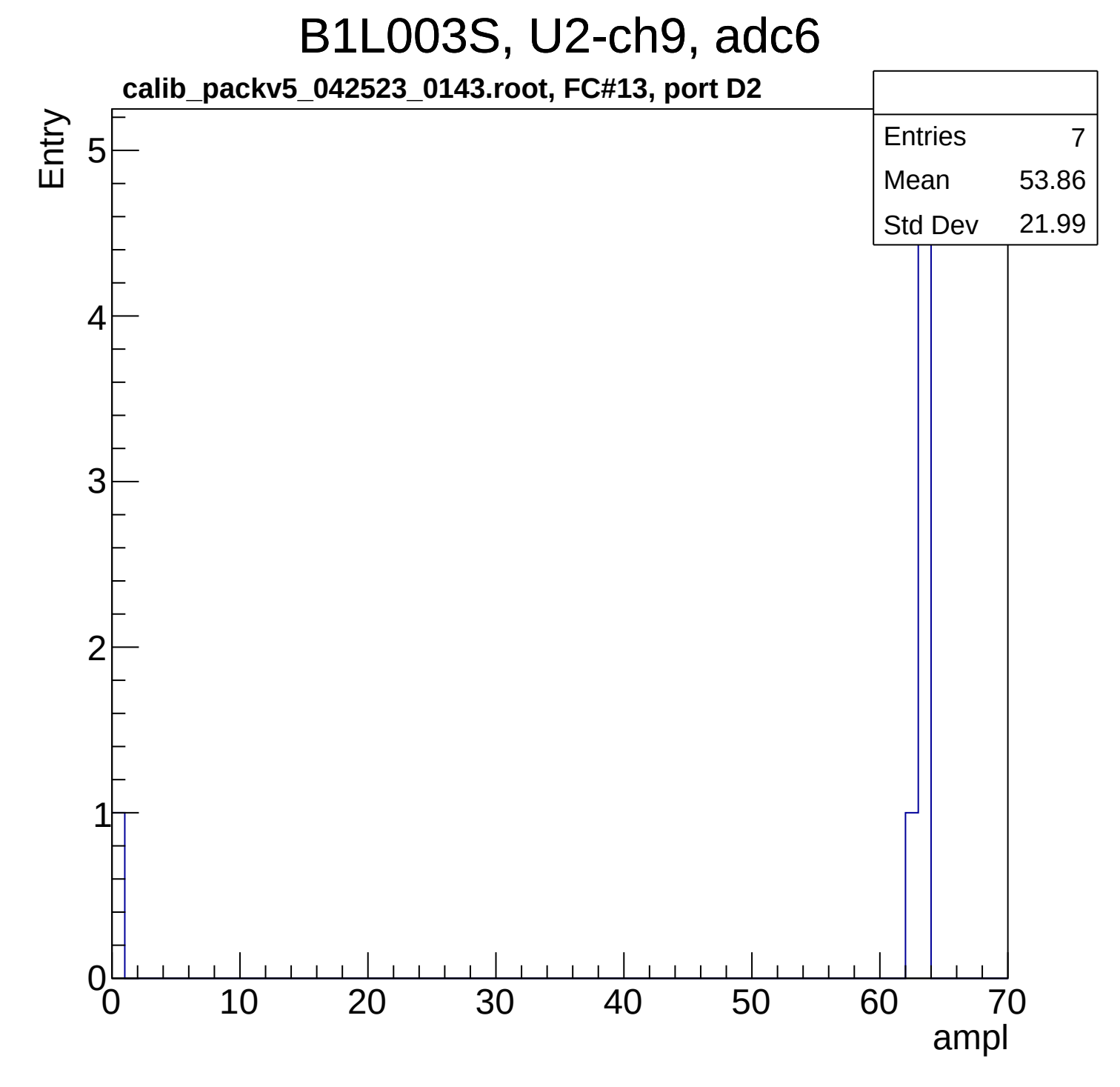
B1L003S, U2-ch9, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 53.86
Std Dev 21.99
Entry
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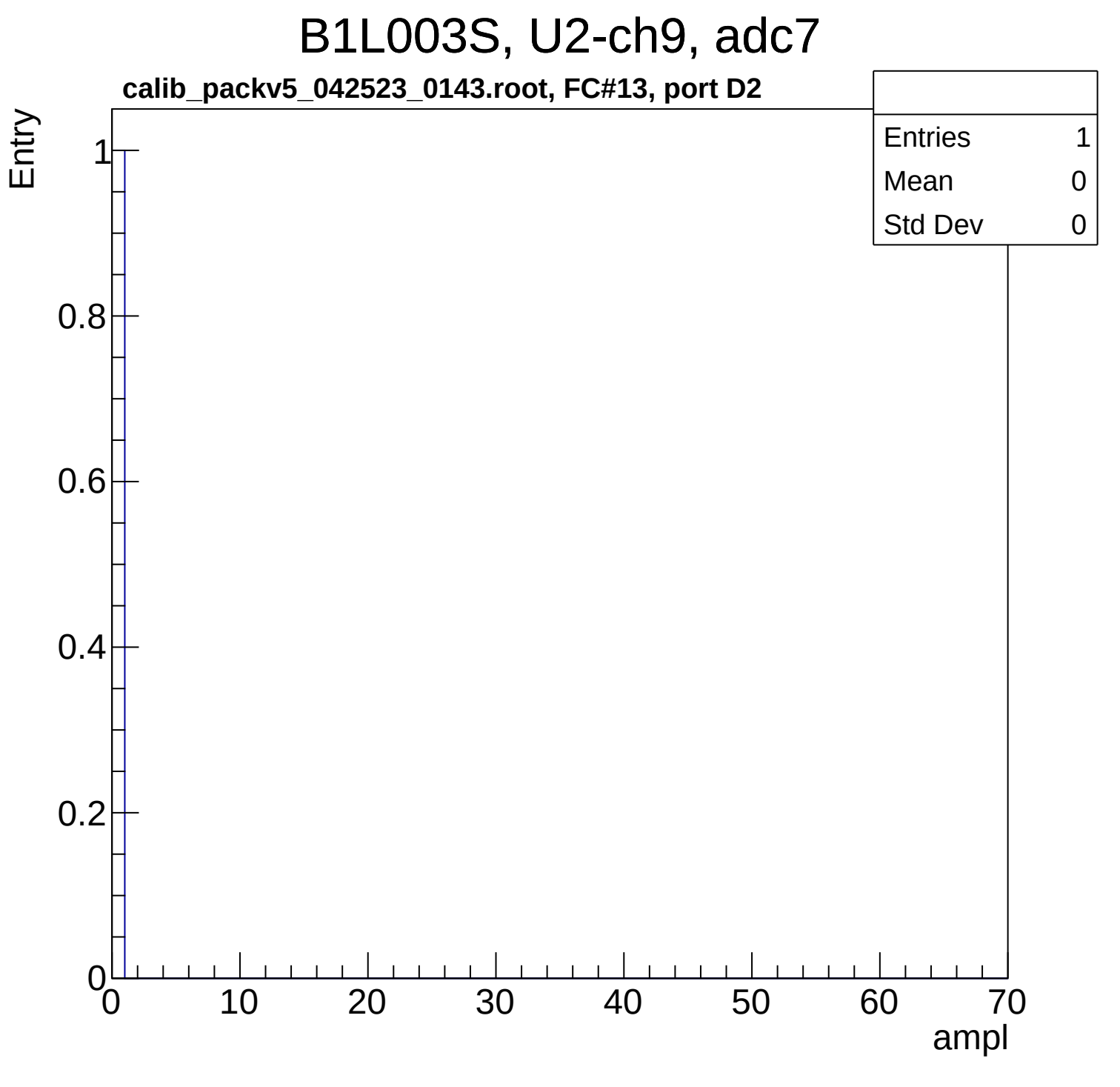
70
ampl


B1L003S, U2-ch9, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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20
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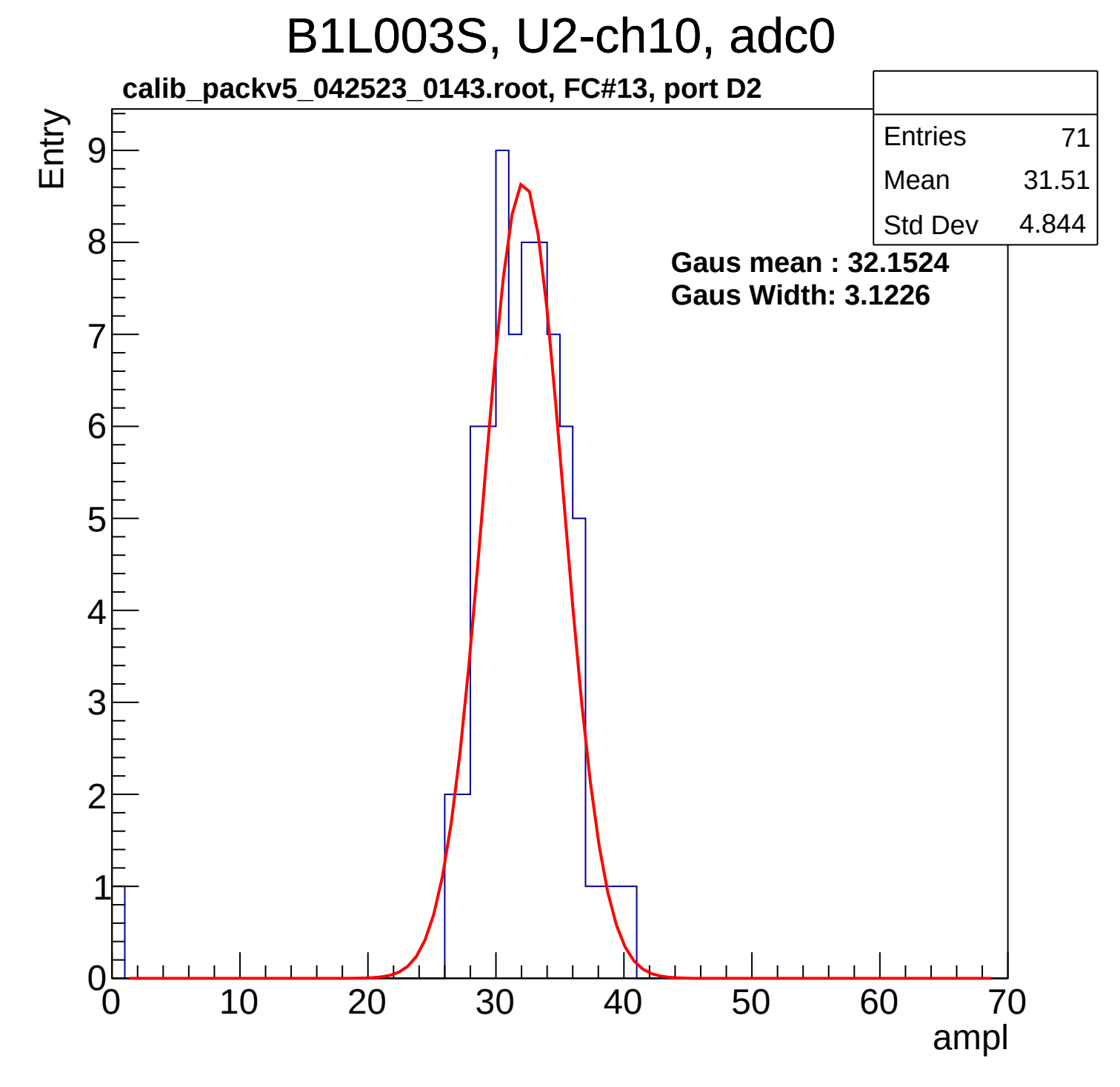
50
60
70
ampl


B1L003S, U2-ch10, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 31.51
Std Dev 4.844
Gaus mean : 32.1524
Gaus Width: 3.1226
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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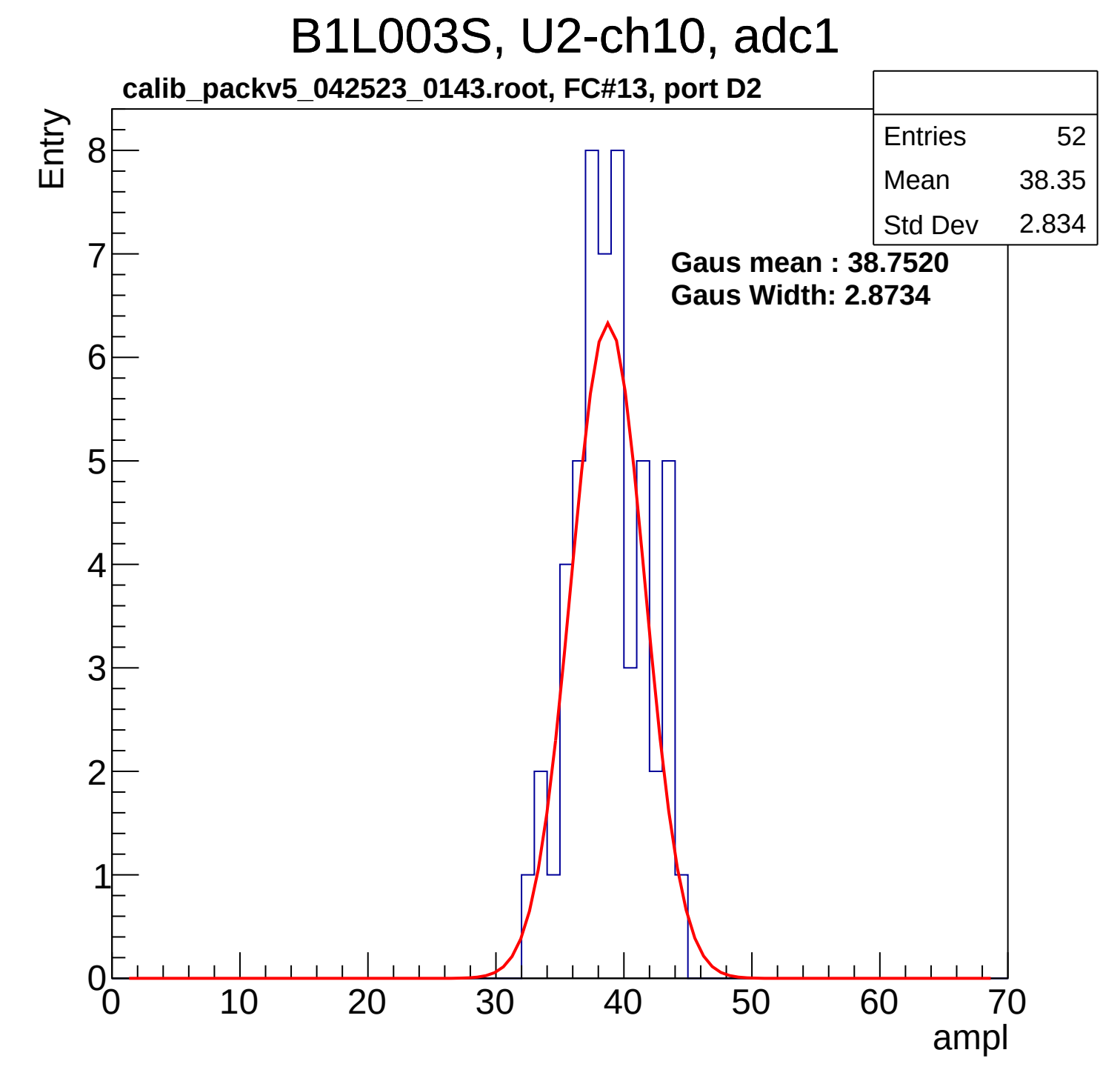
B1L003S, U2-ch10, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 38.35
Std Dev 2.834
Gaus mean : 38.7520
Gaus Width: 2.8734
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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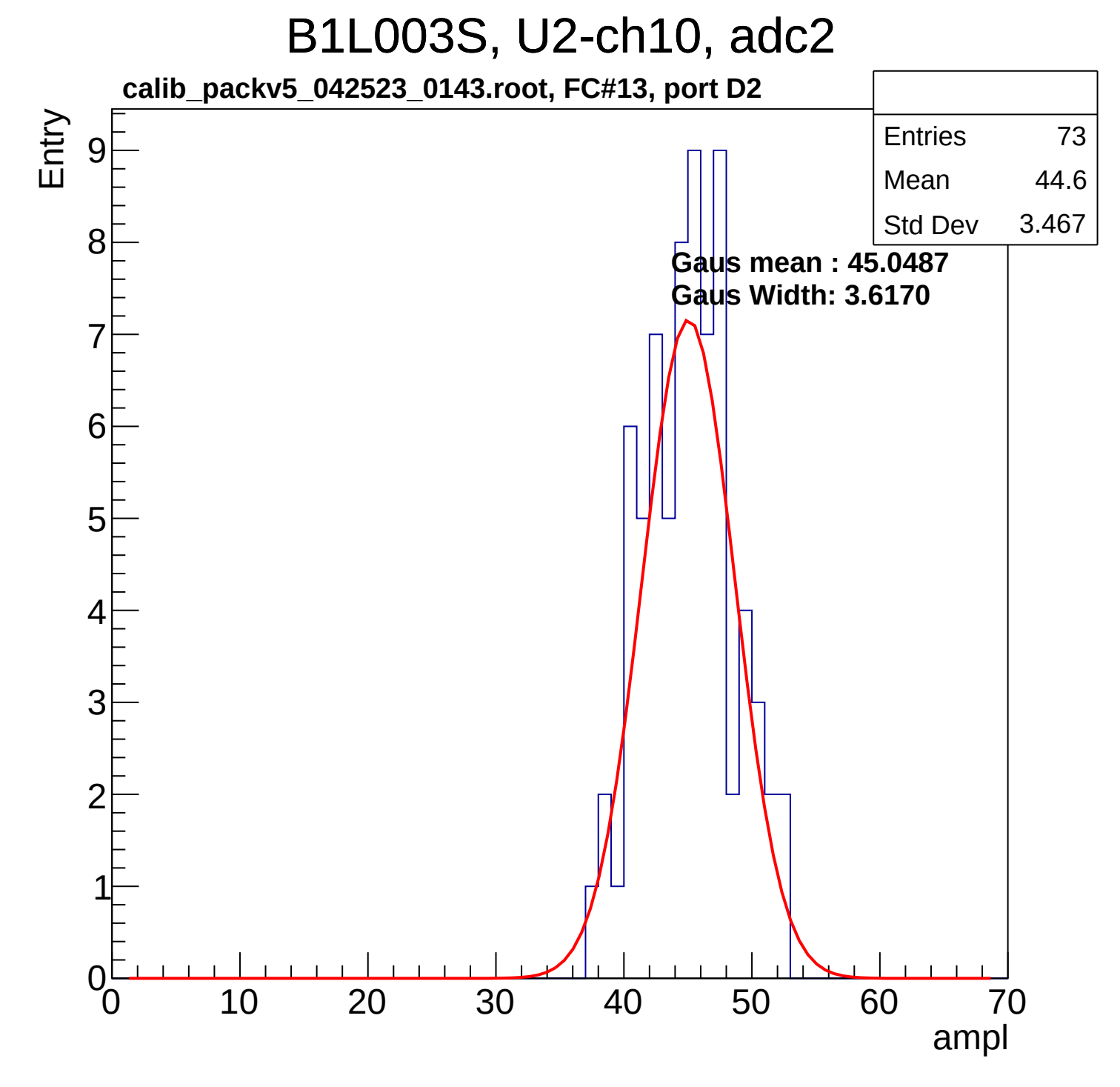
40
50
60
70


B1L003S, U2-ch10, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 44.6
Std Dev 3.467
Gaus mean : 45.0487
Gaus Width: 3.6170
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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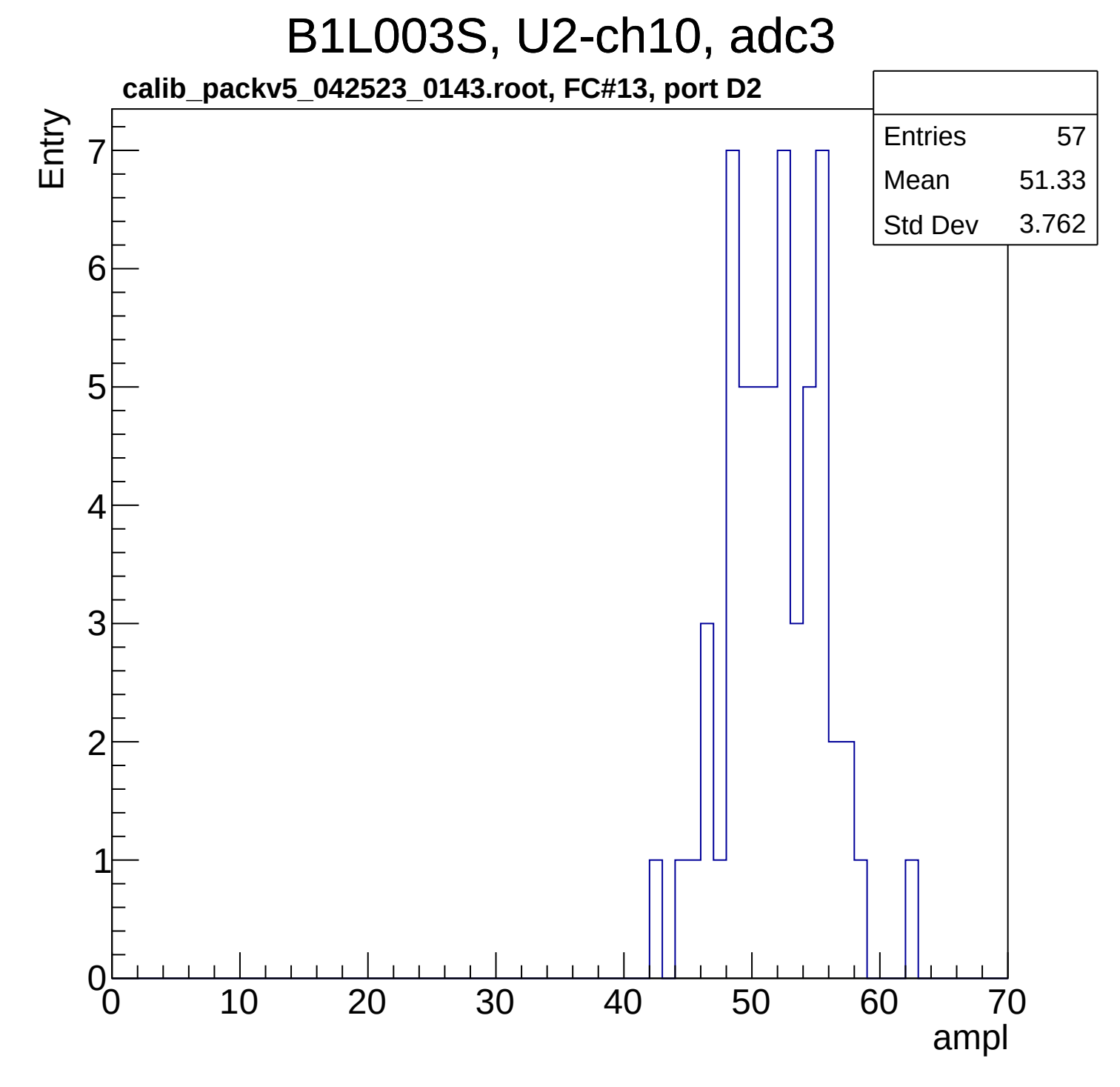
B1L003S, U2-ch10, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 51.33
Std Dev 3.762
Entry
ampl
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0
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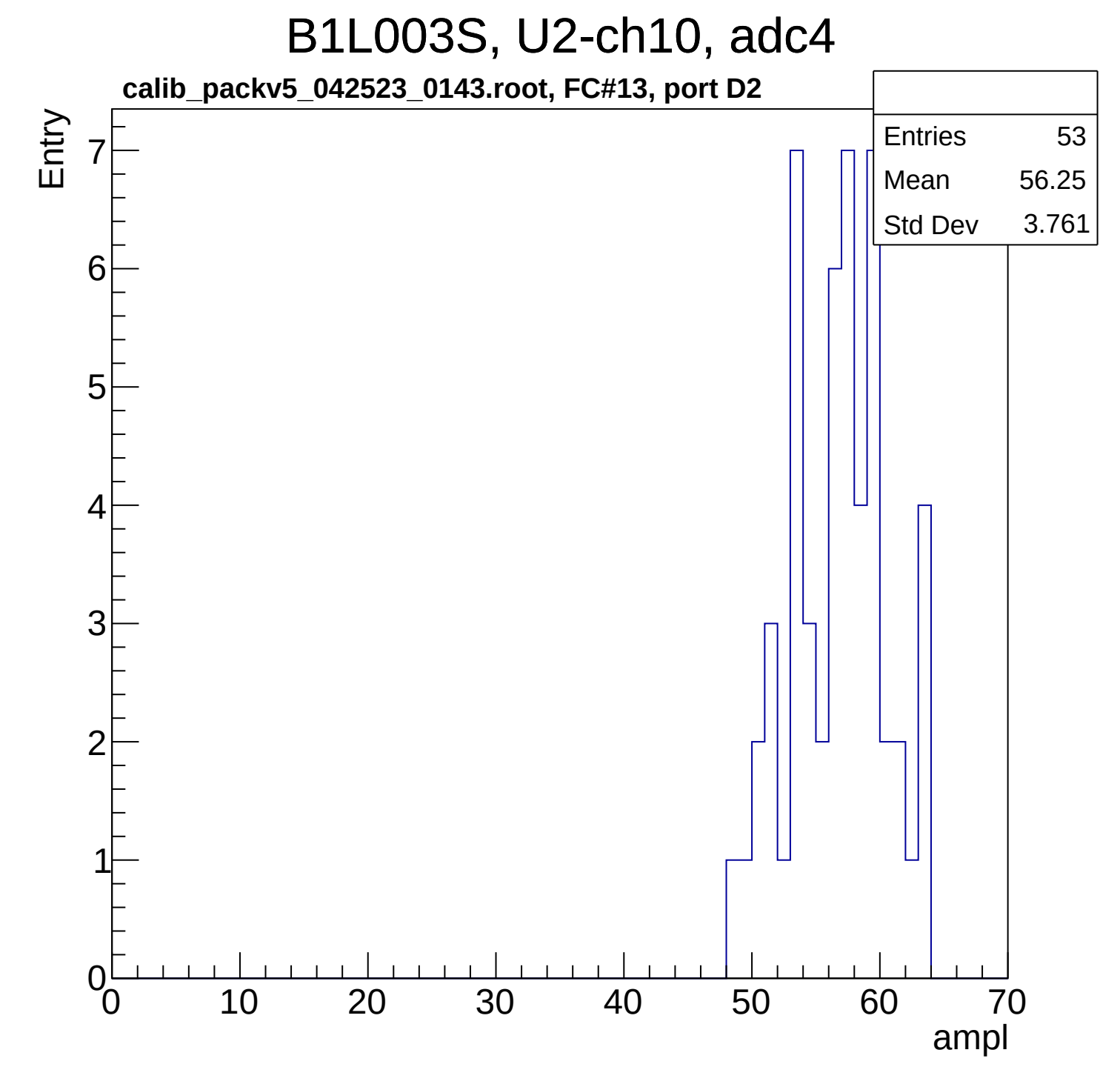
B1L003S, U2-ch10, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 56.25
Std Dev 3.761
Entry
ampl
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0
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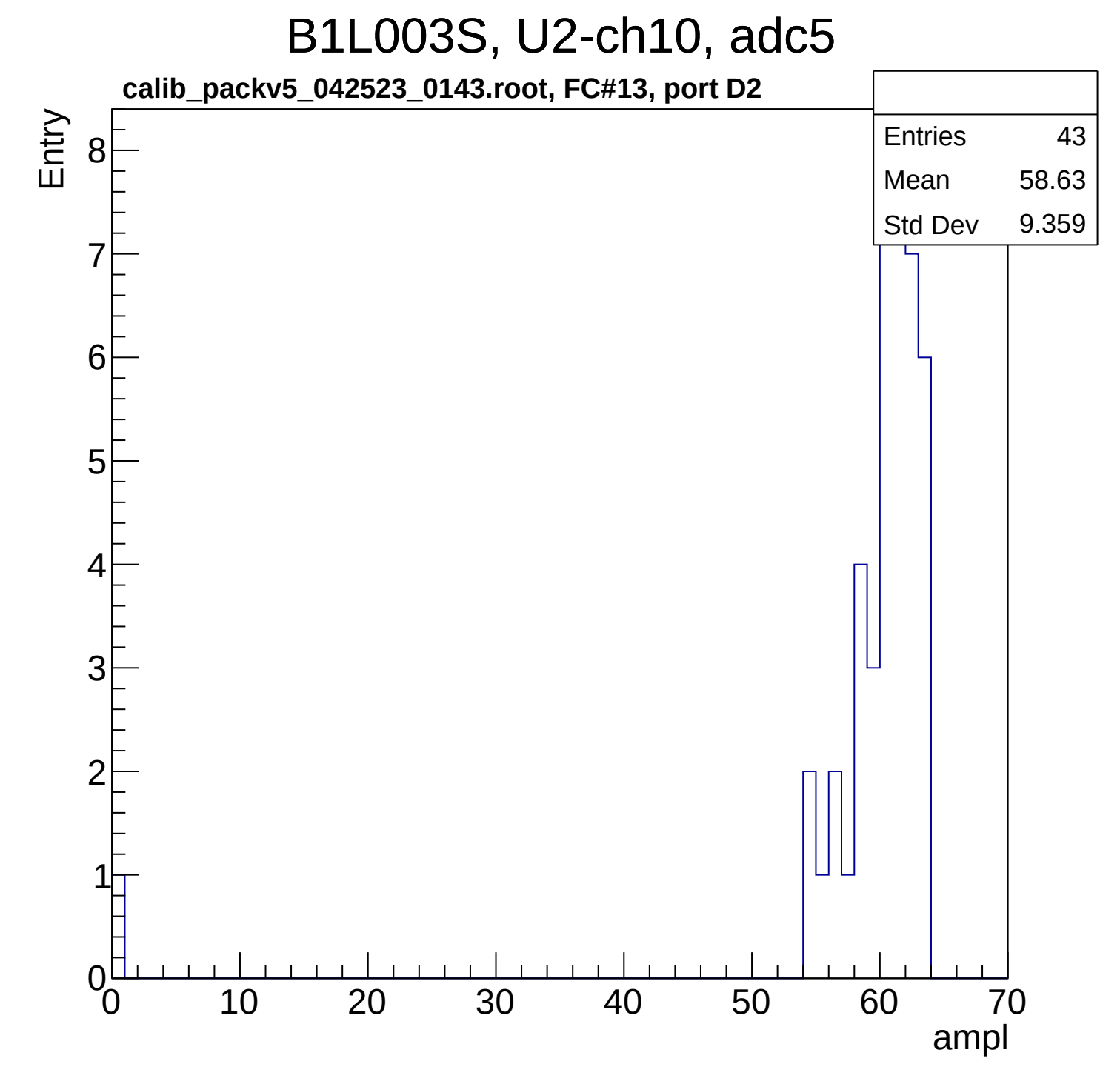
B1L003S, U2-ch10, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 58.63
Std Dev 9.359
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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60
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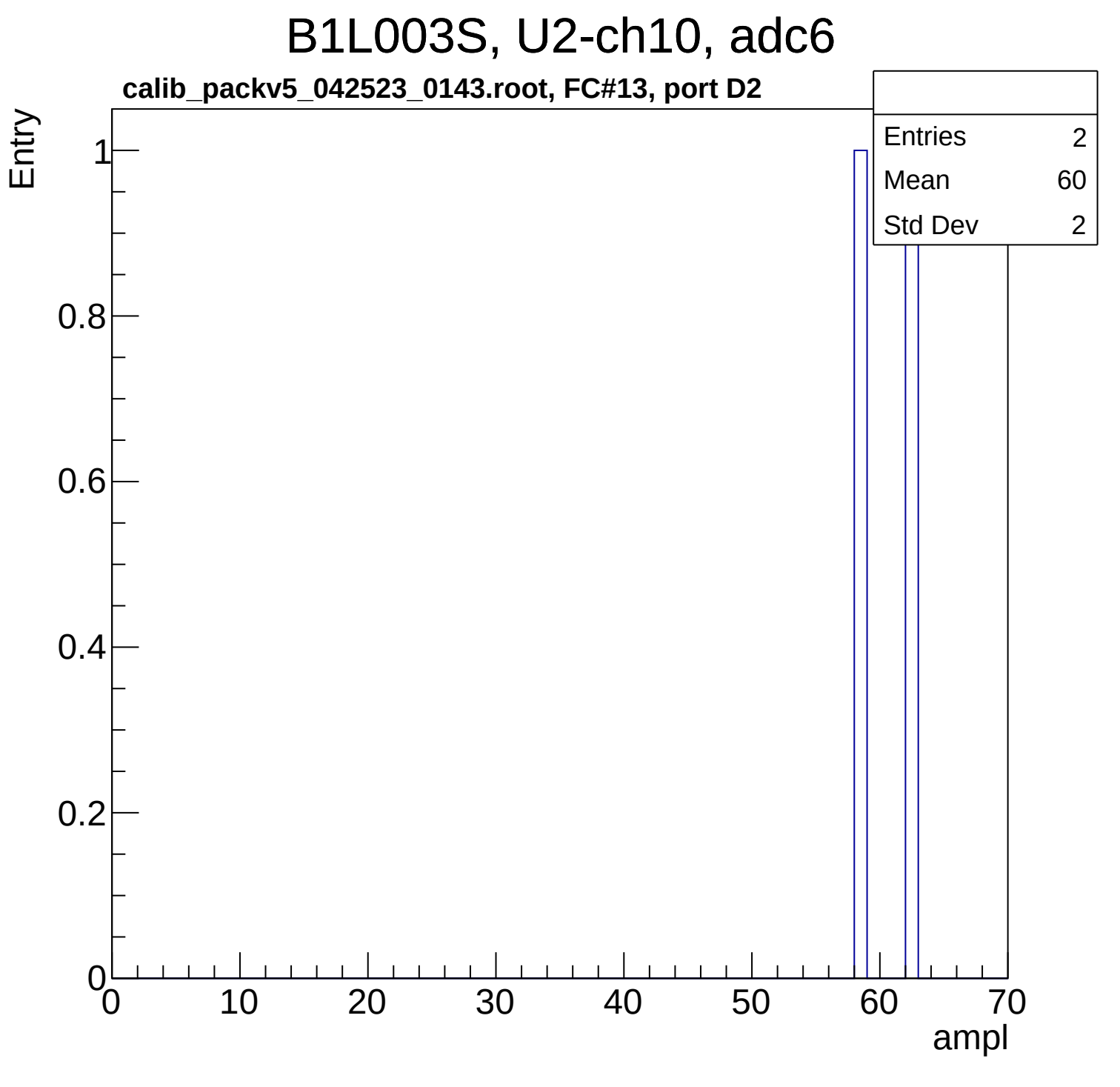
B1L003S, U2-ch10, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 60
Std Dev 2
Entry
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0.6
0.4
0.2
0
0
10
20
30
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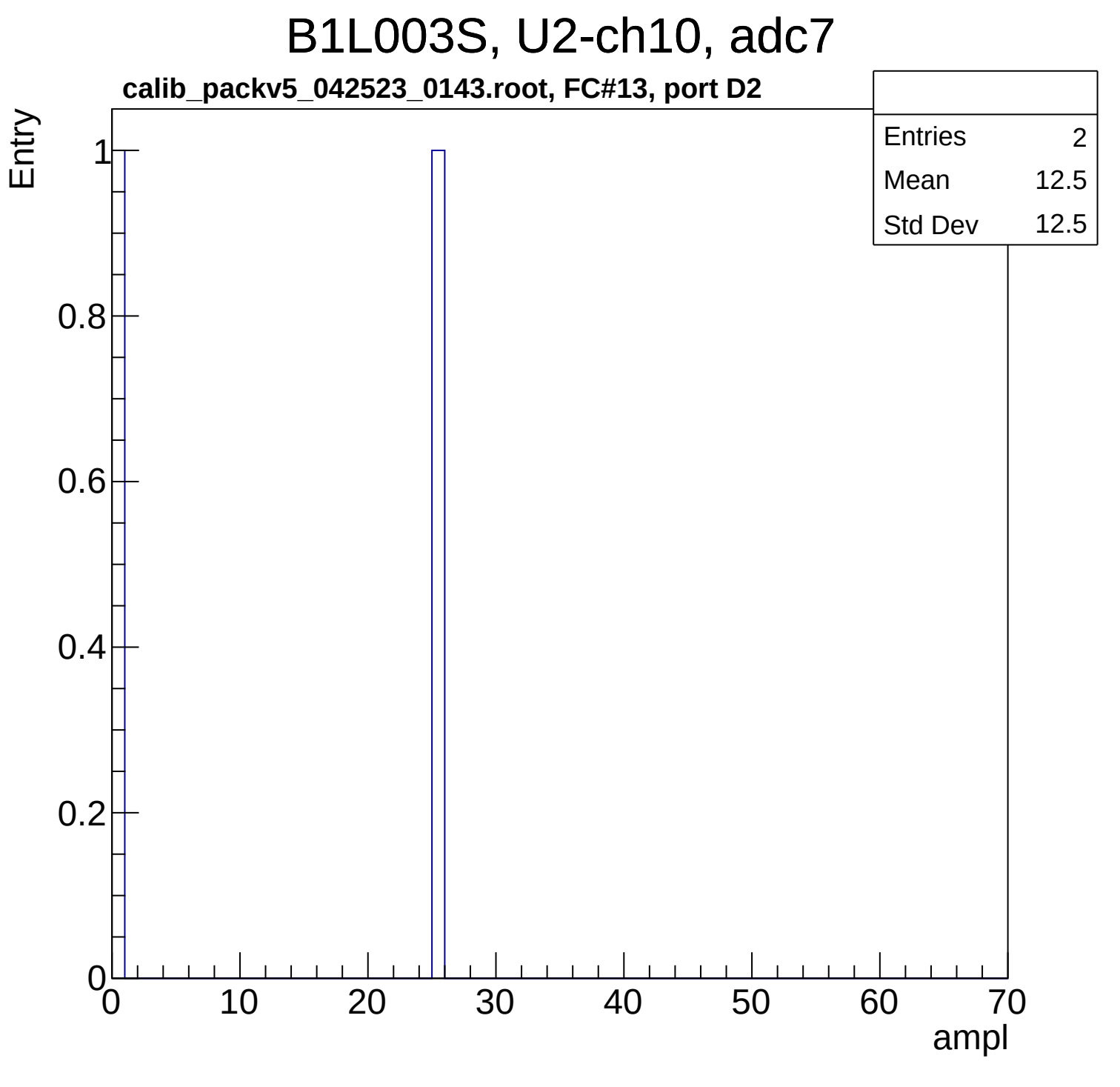
50
60
70
ampl


B1L003S, U2-ch10, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12.5
Std Dev 12.5
Entry
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0.6
0.4
0.2
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20
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50
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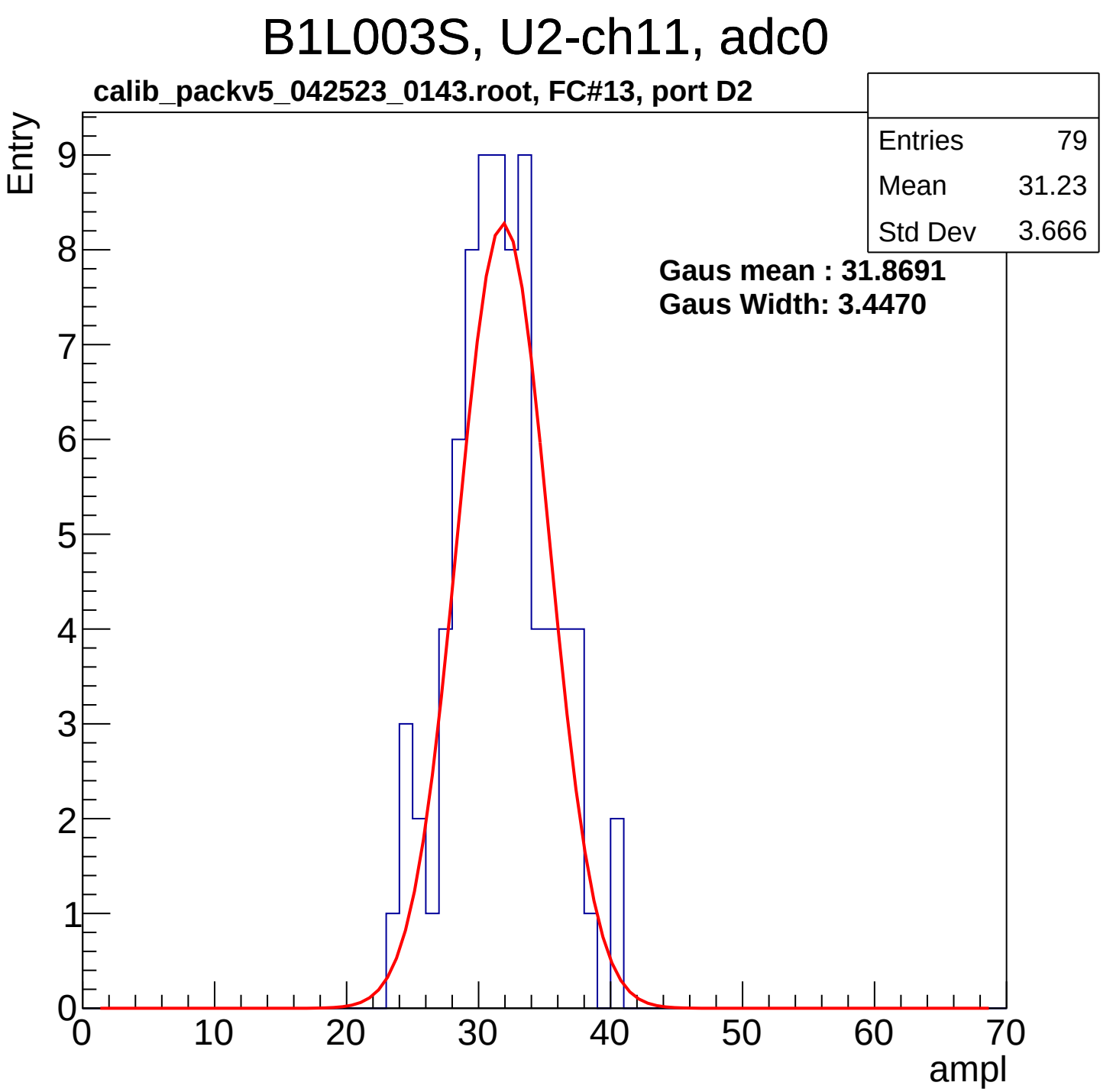
70
ampl


B1L003S, U2-ch11, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 31.23
Std Dev 3.666
Gaus mean : 31.8691
Gaus Width: 3.4470
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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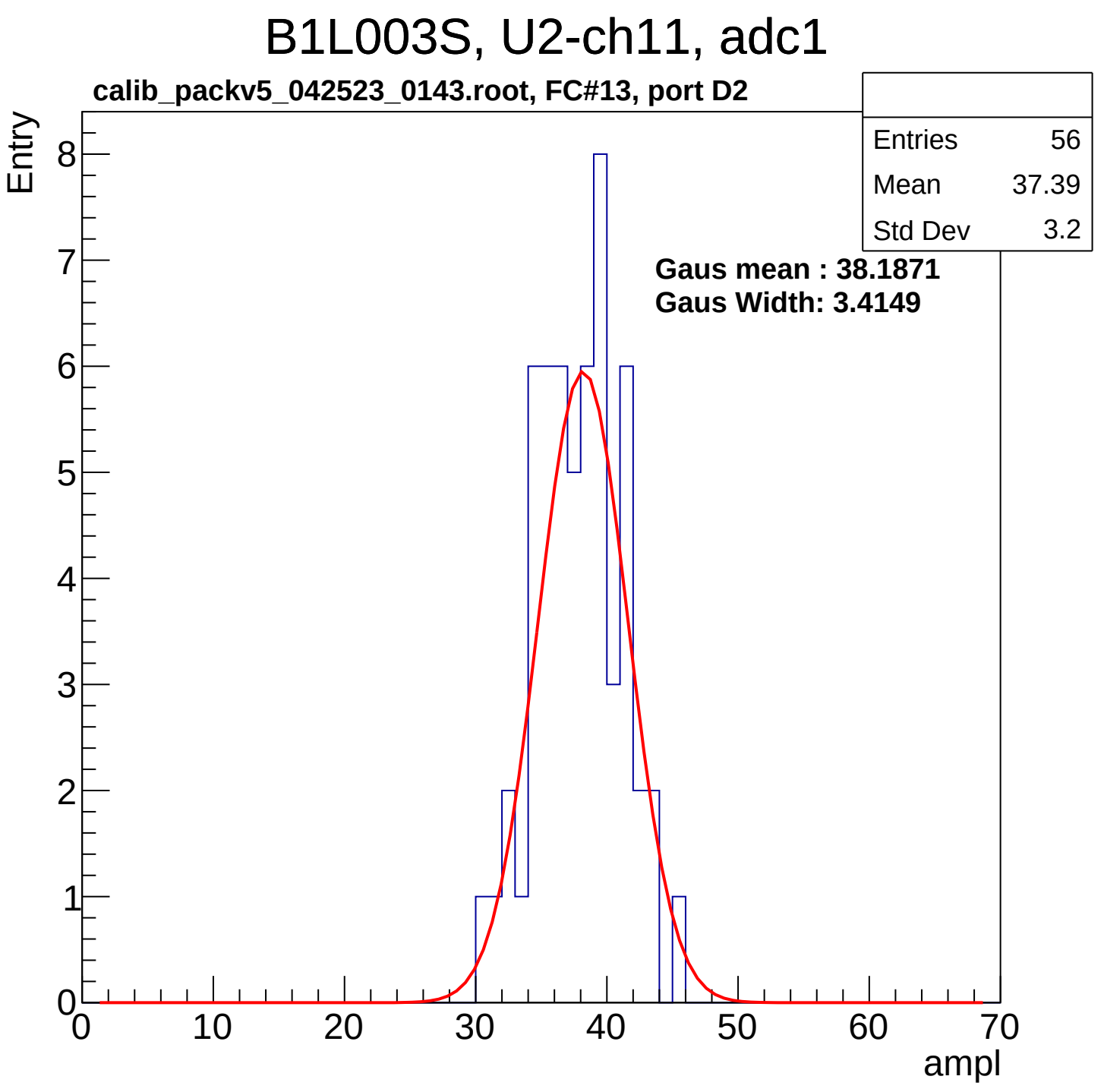
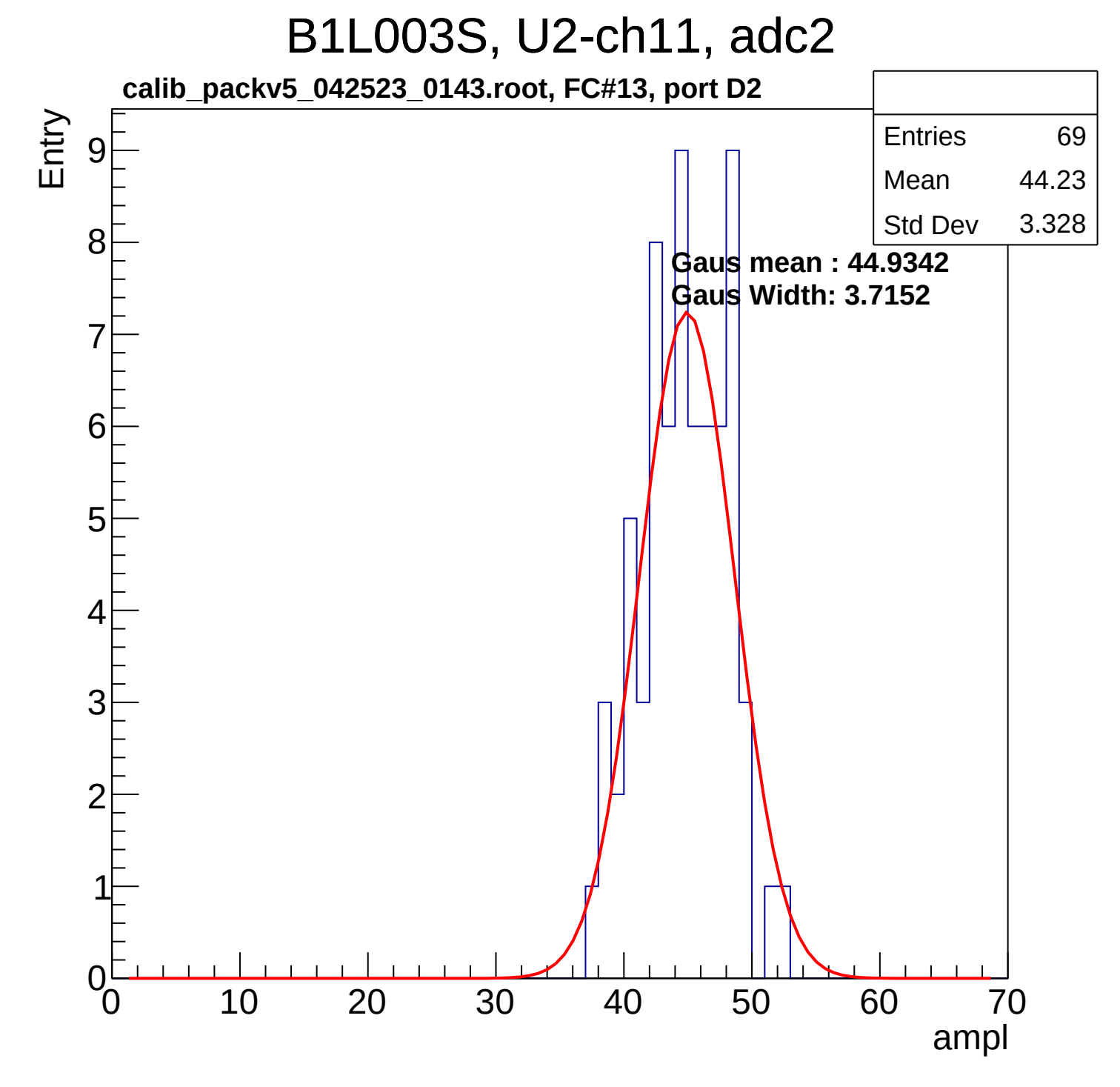

B1L003S, U2-ch11, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 37.39
Std Dev 3.2
Gaus mean : 38.1871
Gaus Width: 3.4149
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch11, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 44.23
Std Dev 3.328
Gaus mean : 44.9342
Gaus Width: 3.7152
Entry
ampl
0
1
2
3
4
5
6
7
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0
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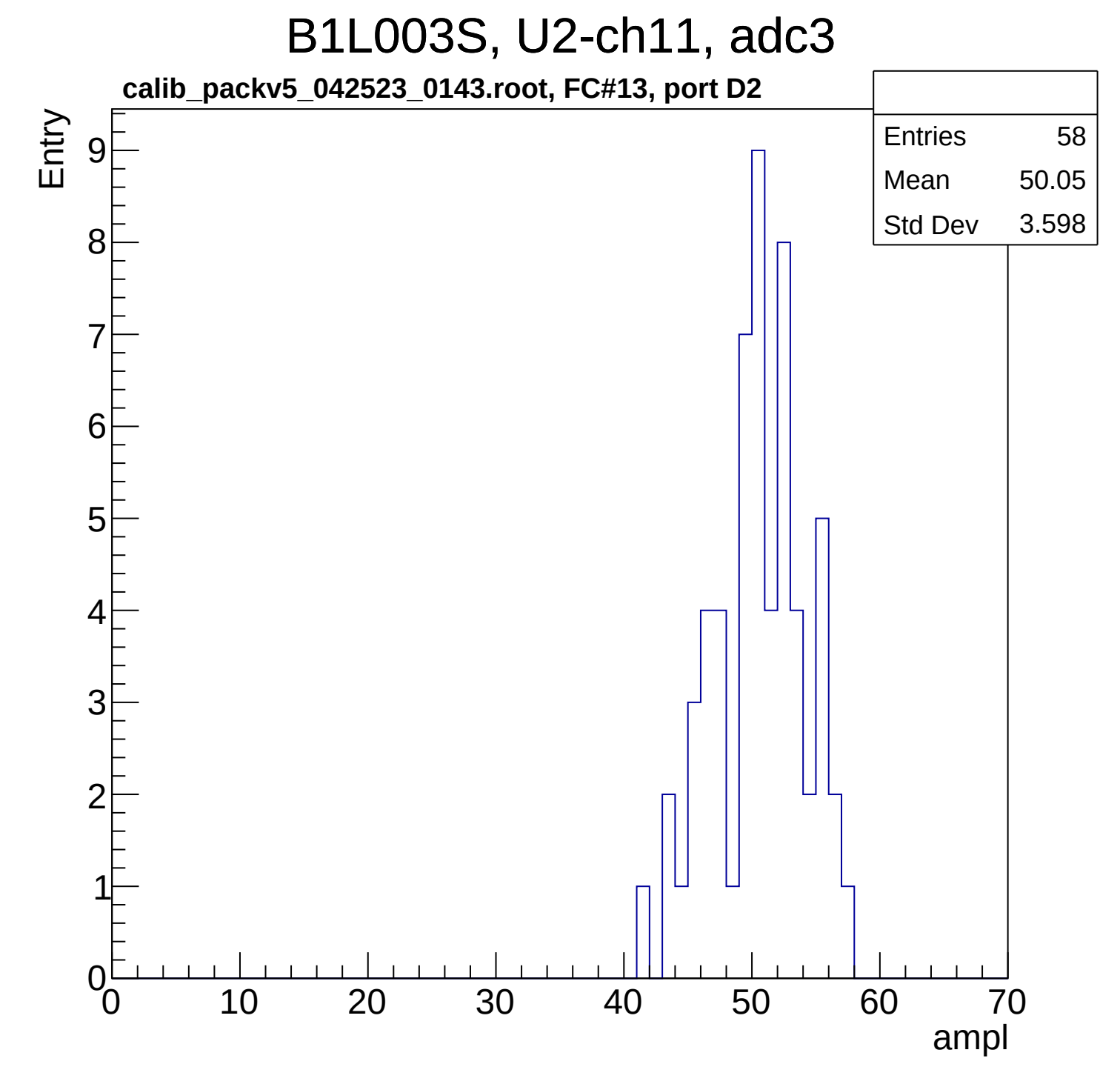
B1L003S, U2-ch11, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 50.05
Std Dev 3.598
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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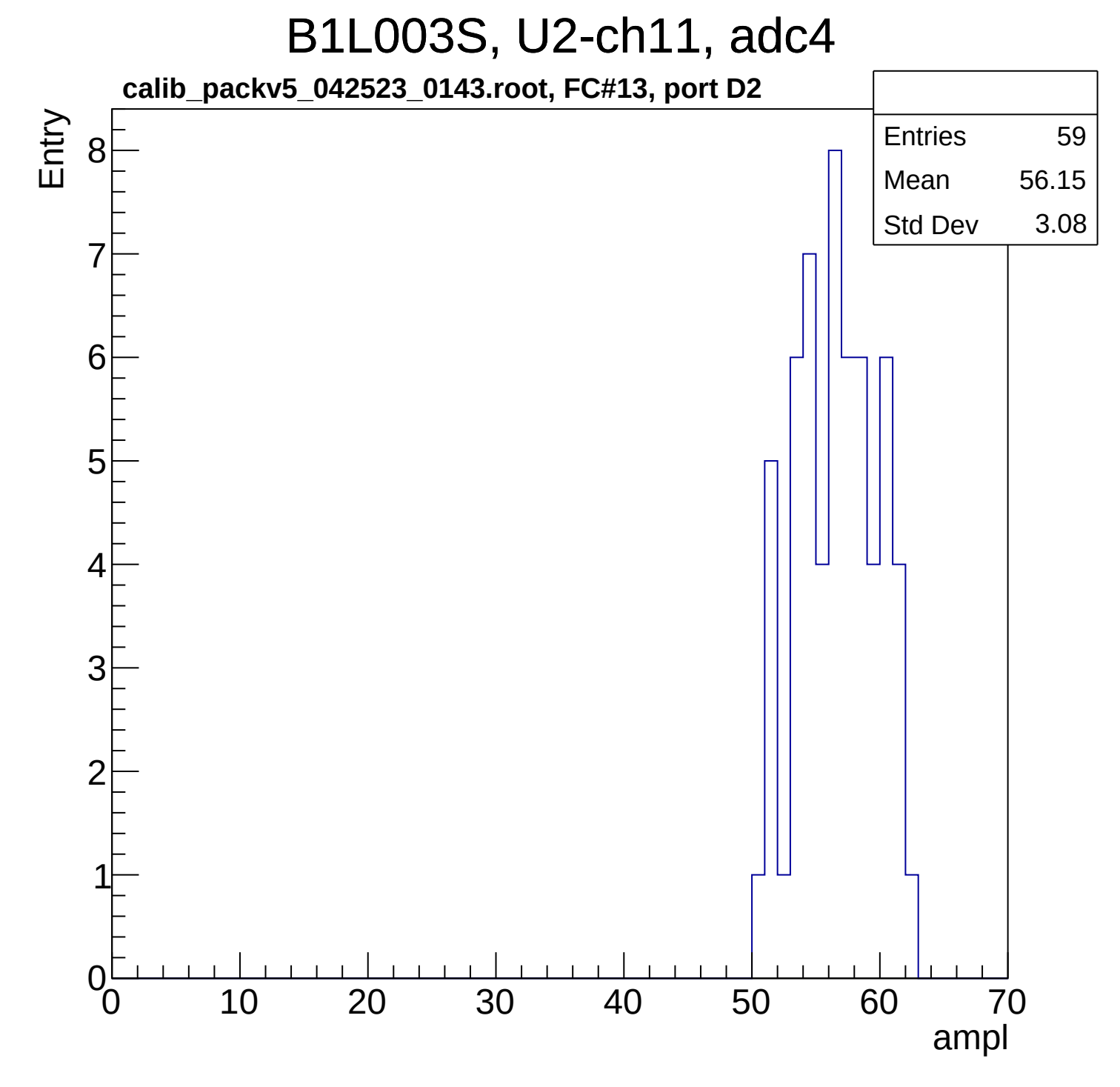
B1L003S, U2-ch11, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 56.15
Std Dev 3.08
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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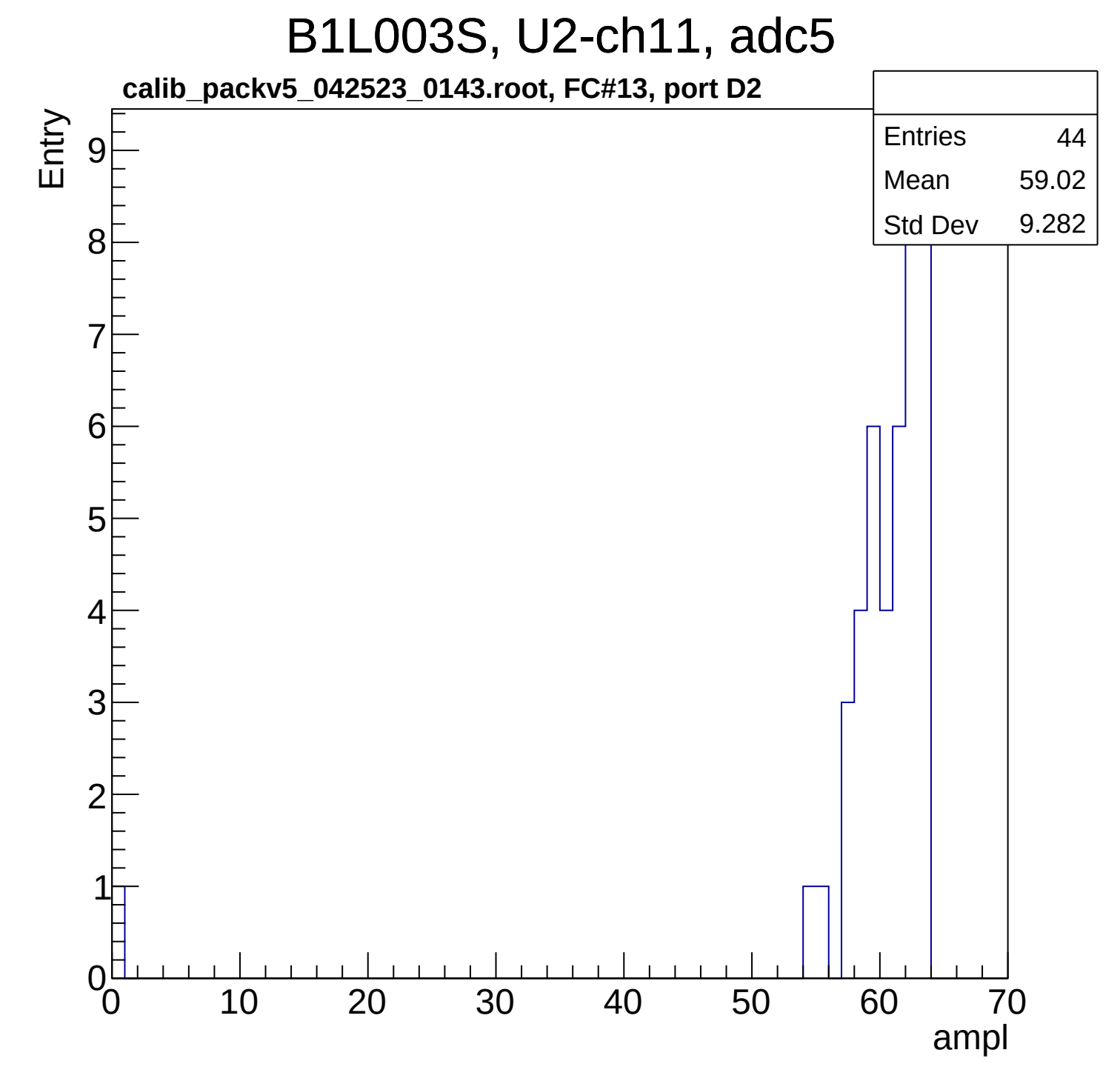
B1L003S, U2-ch11, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.02
Std Dev 9.282
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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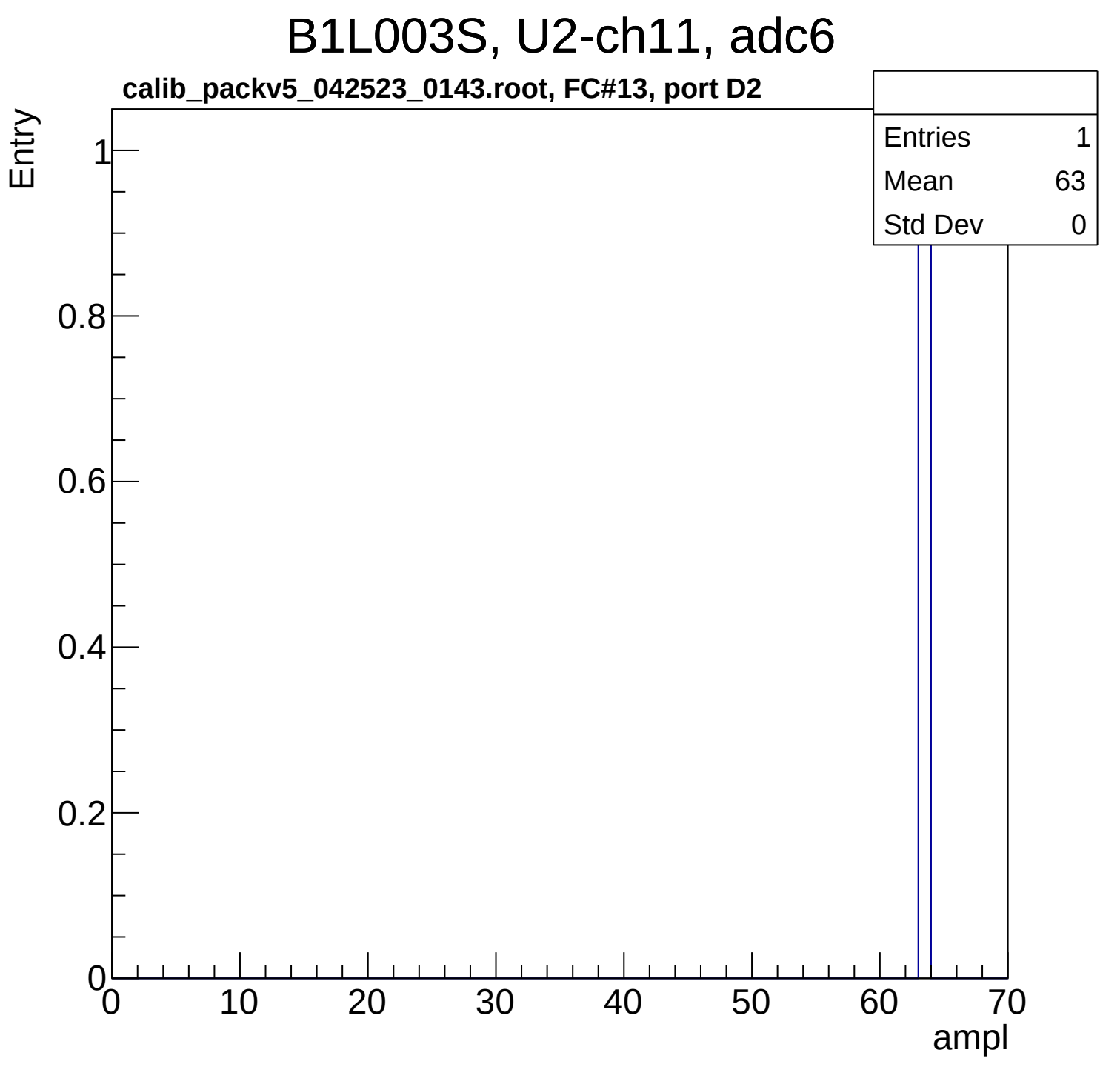
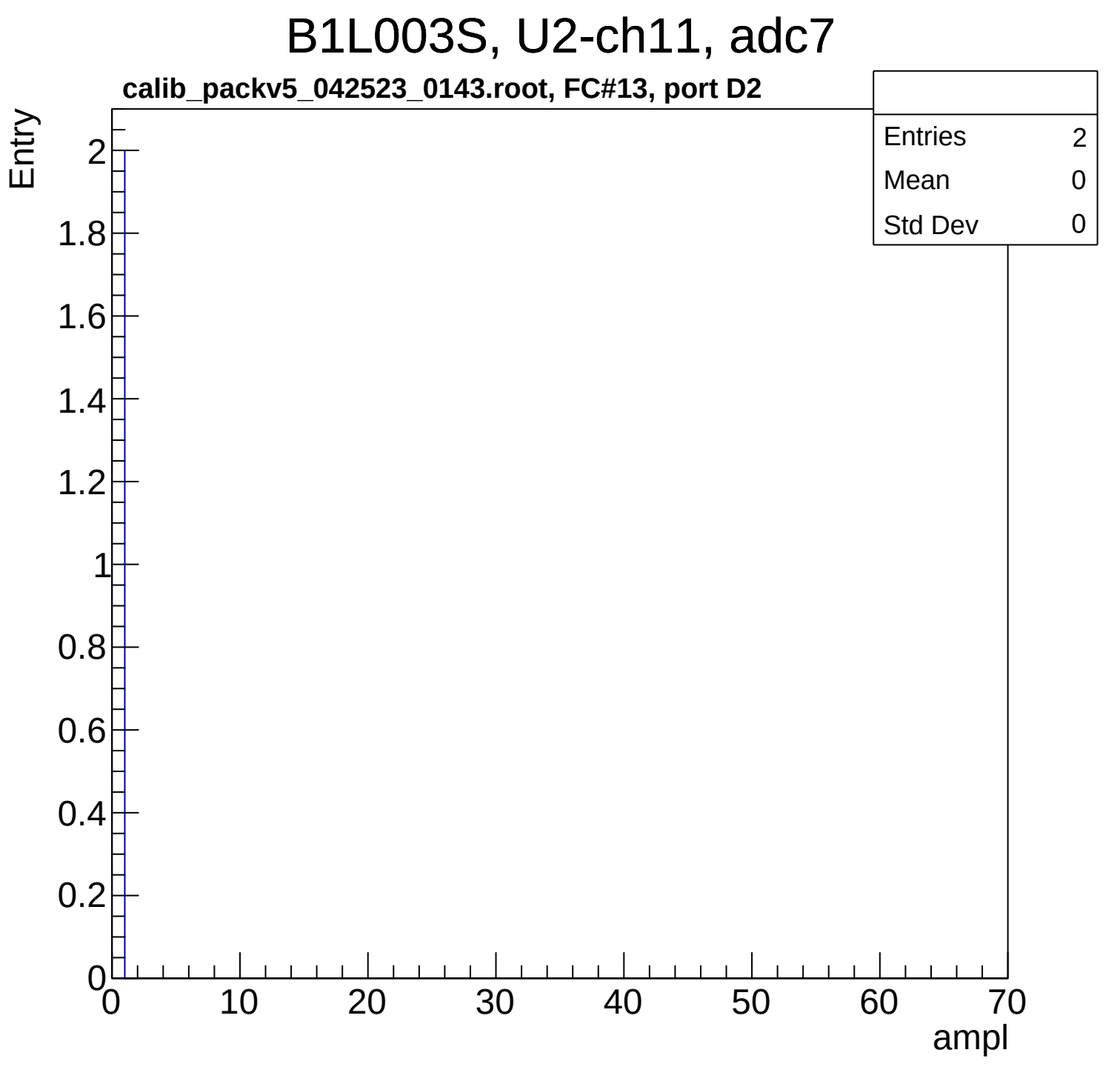

B1L003S, U2-ch11, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch11, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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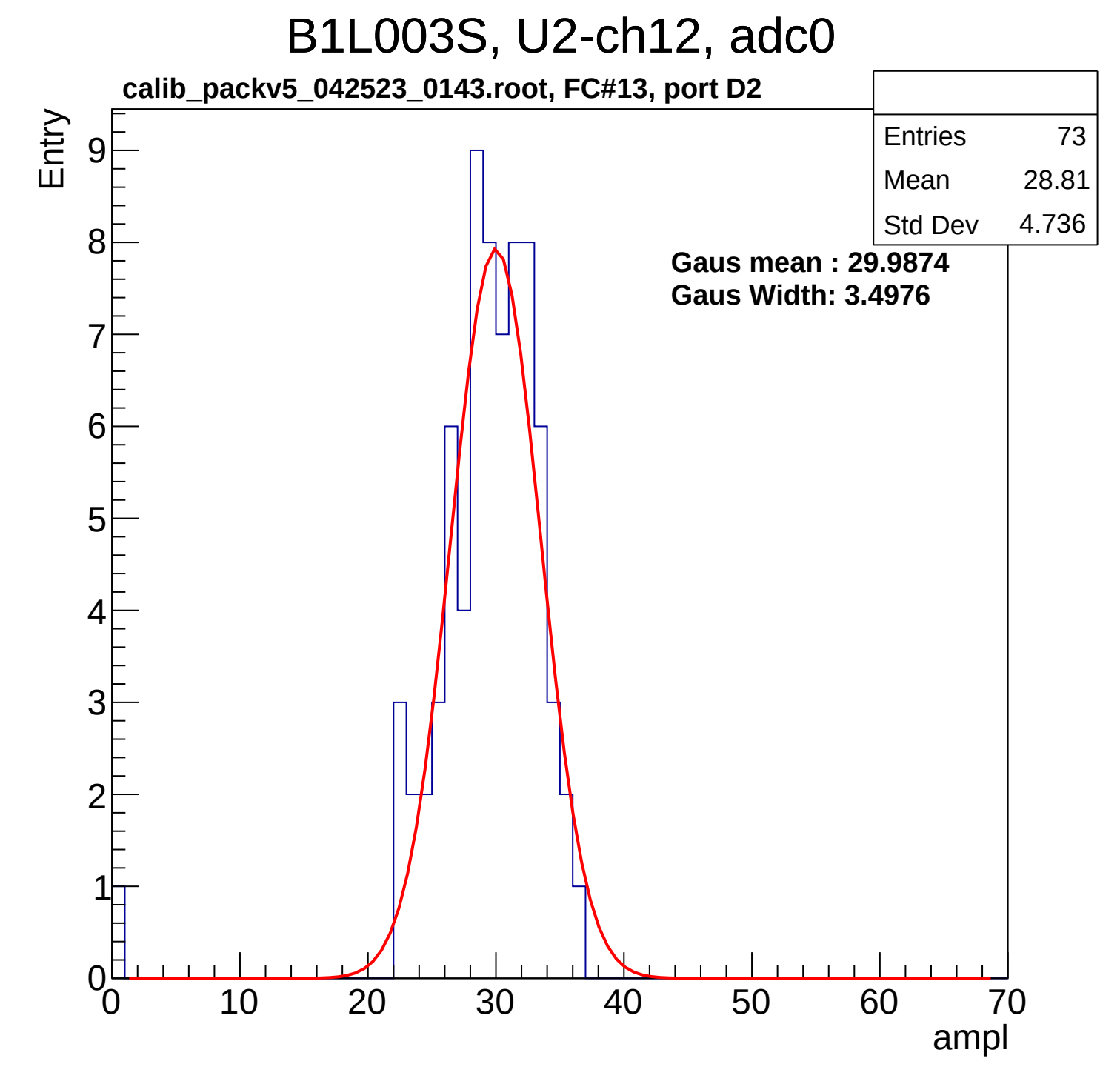
B1L003S, U2-ch12, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 28.81
Std Dev 4.736
Gaus mean : 29.9874
Gaus Width: 3.4976
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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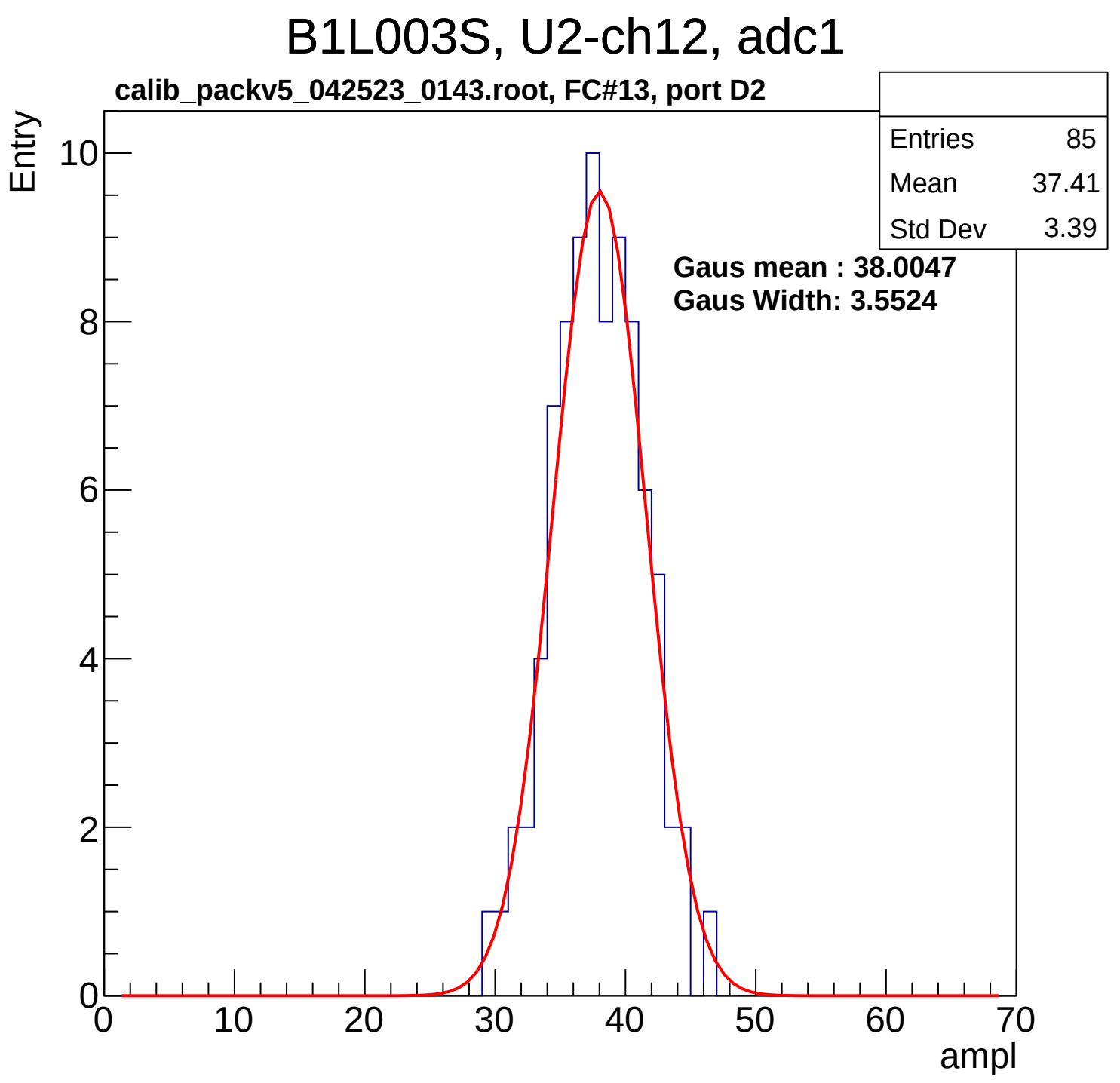
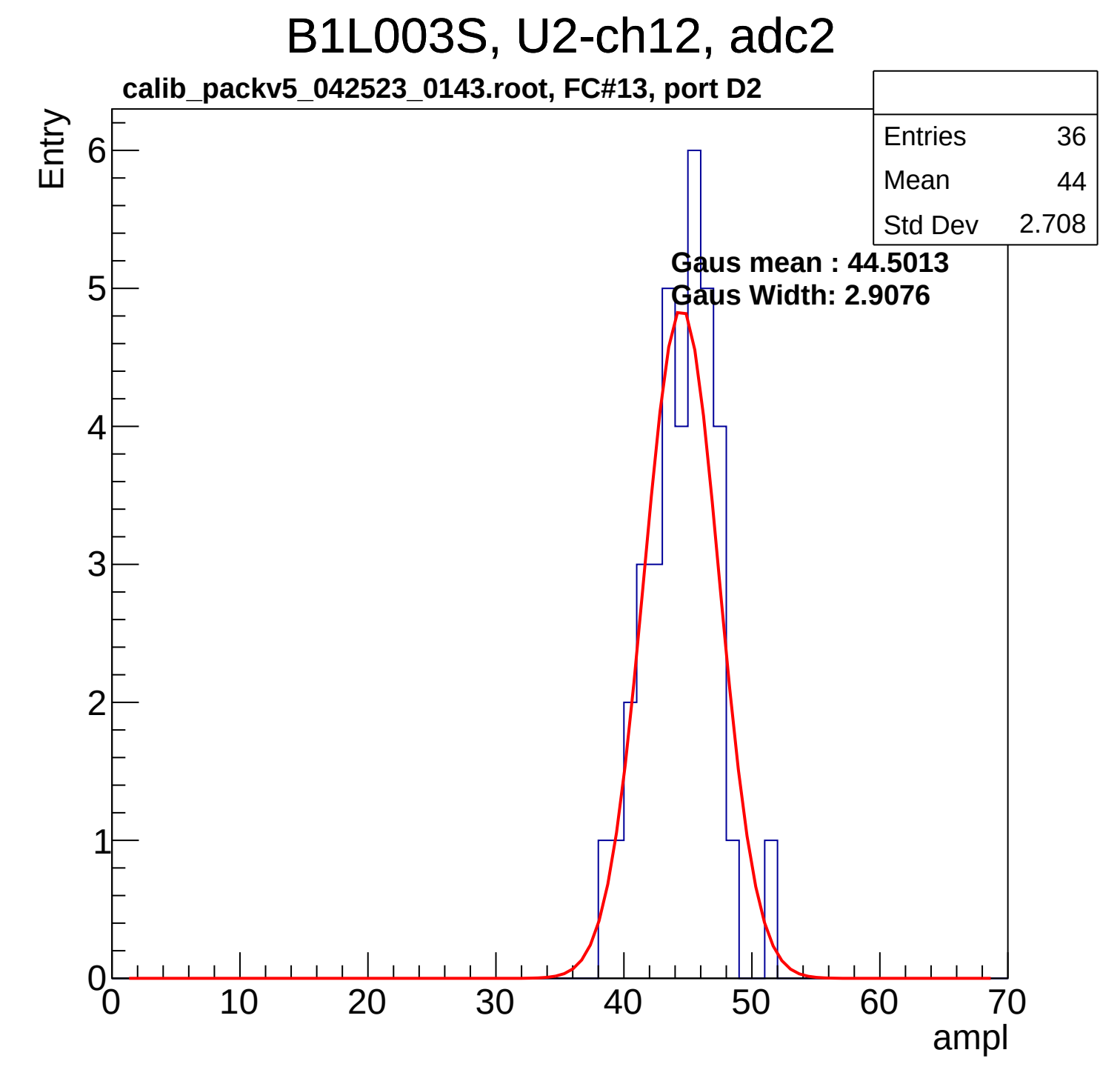
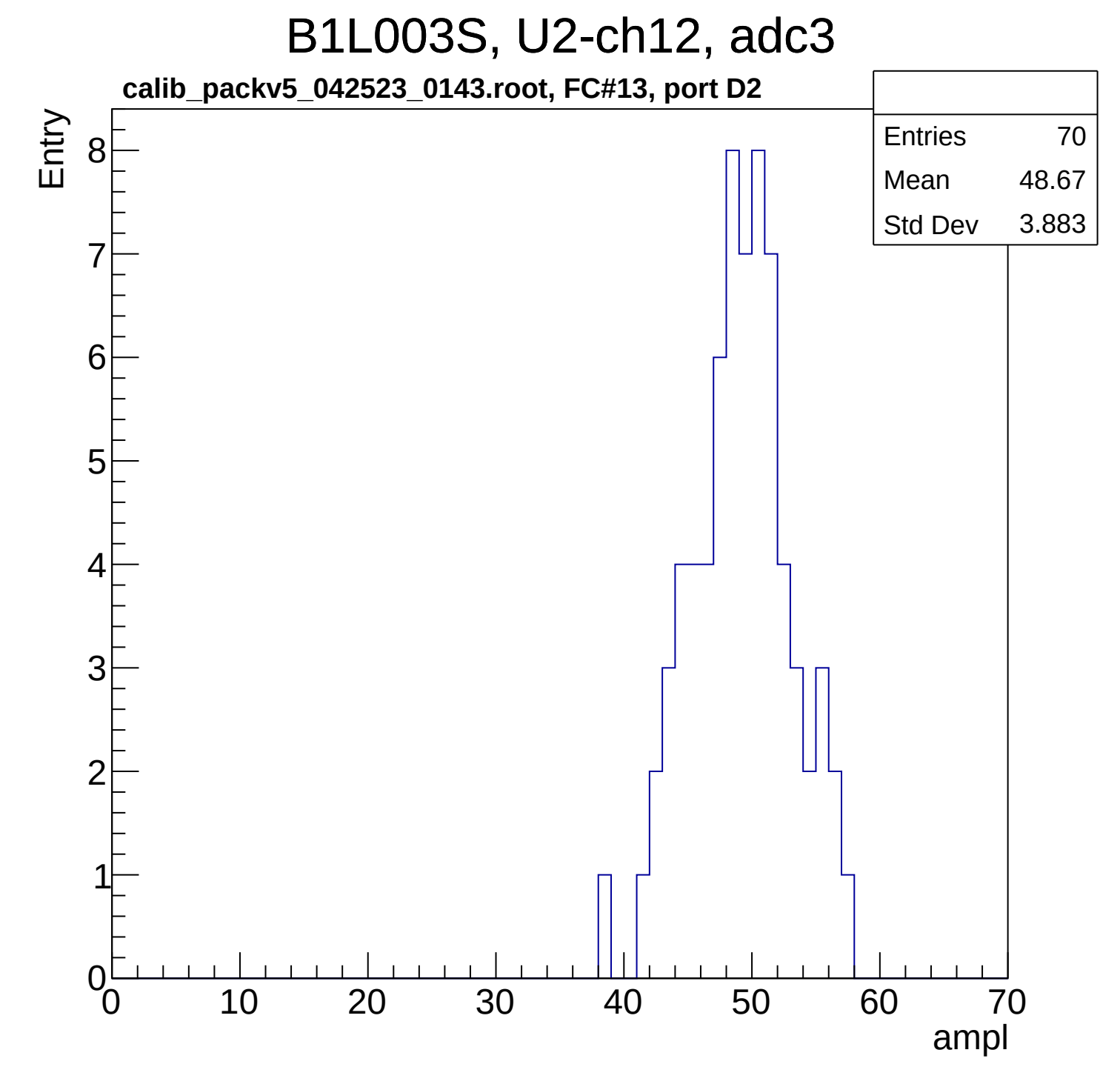
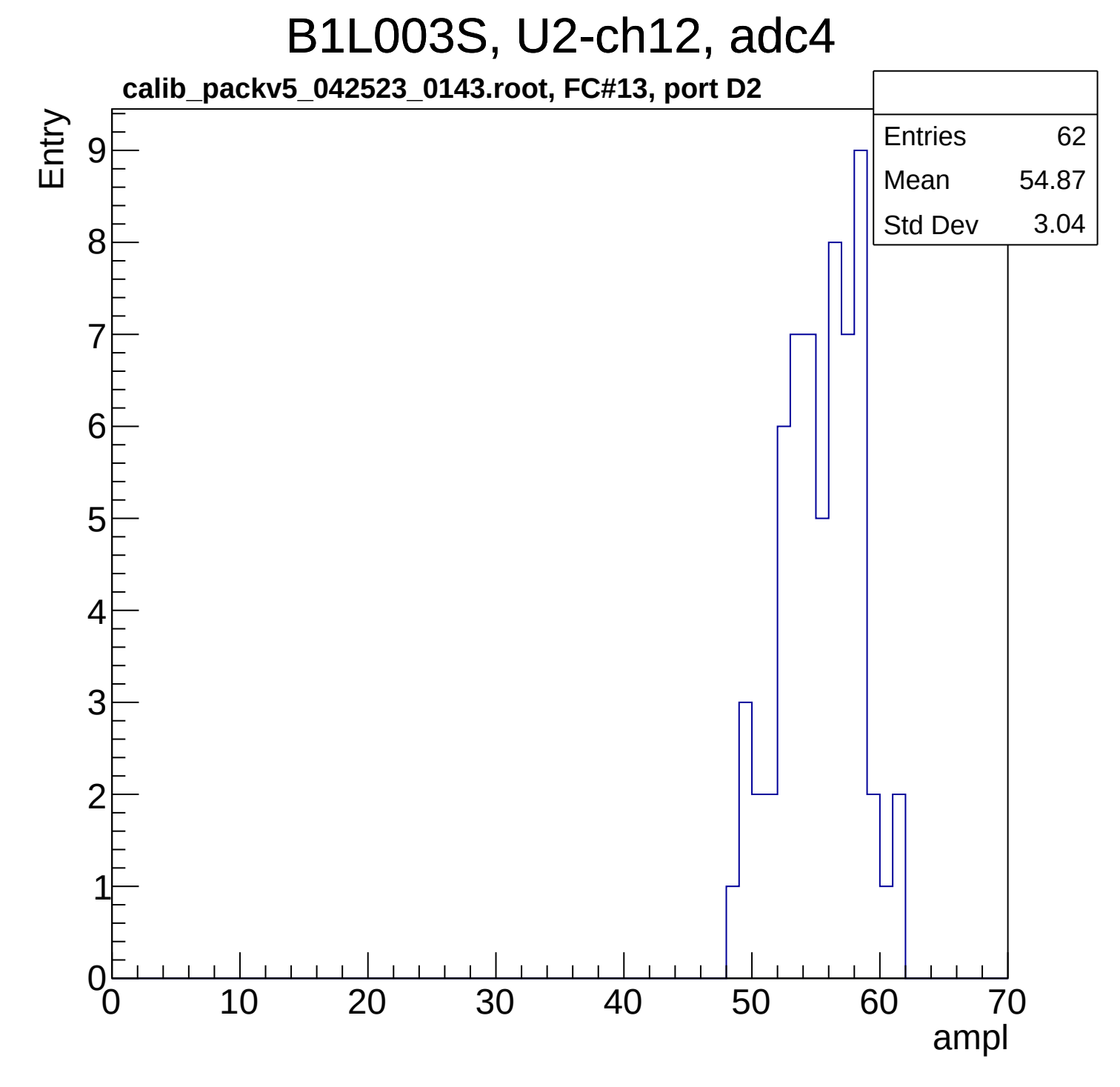

B1L003S, U2-ch12, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 37.41
Std Dev 3.39
Gaus mean : 38.0047
Gaus Width: 3.5524
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch12, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 44
Std Dev 2.708
Gaus mean : 44.5013
Gaus Width: 2.9076
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L003S, U2-ch12, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 48.67
Std Dev 3.883
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch12, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 54.87
Std Dev 3.04
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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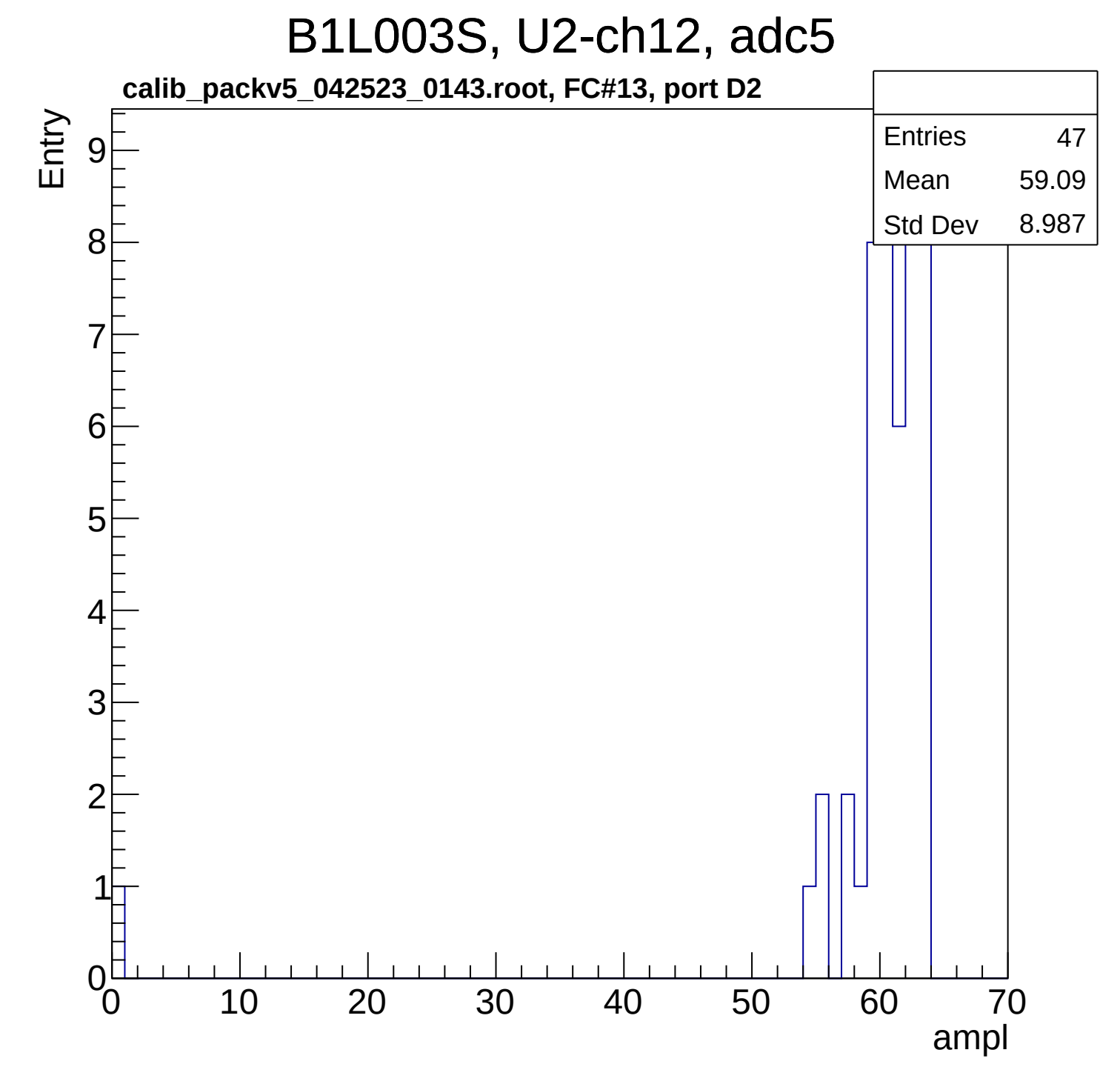
B1L003S, U2-ch12, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 59.09
Std Dev 8.987
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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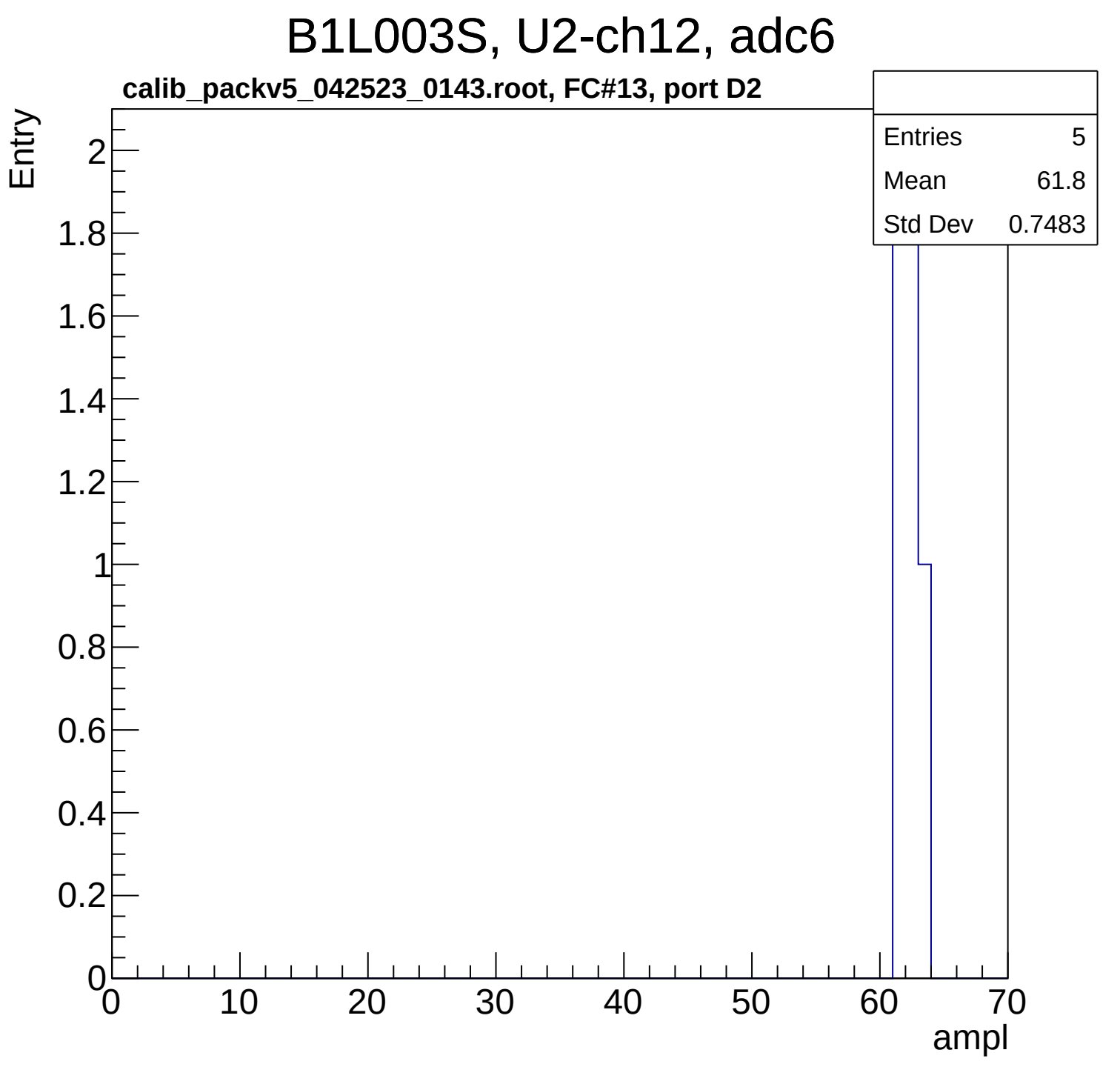
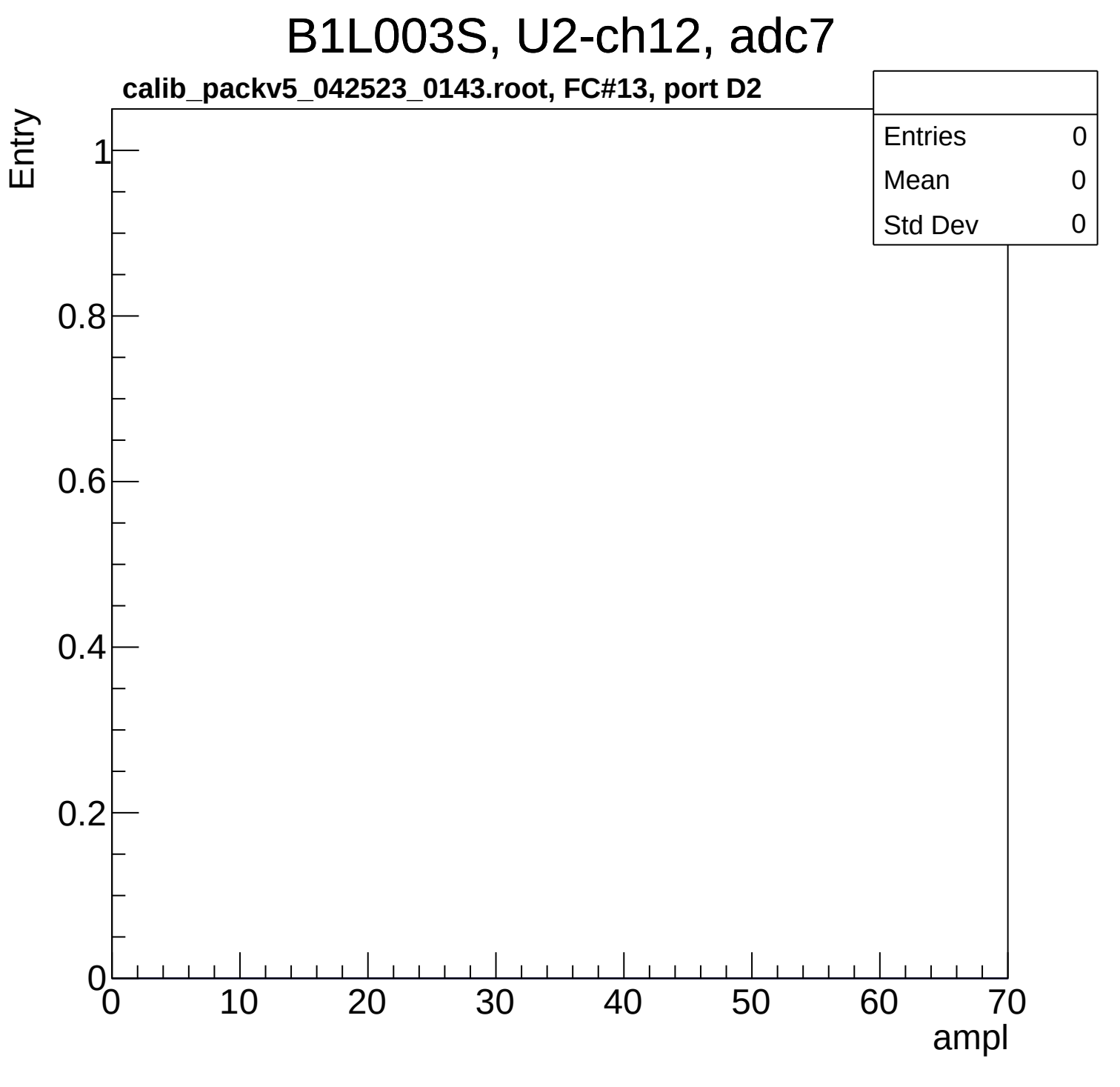
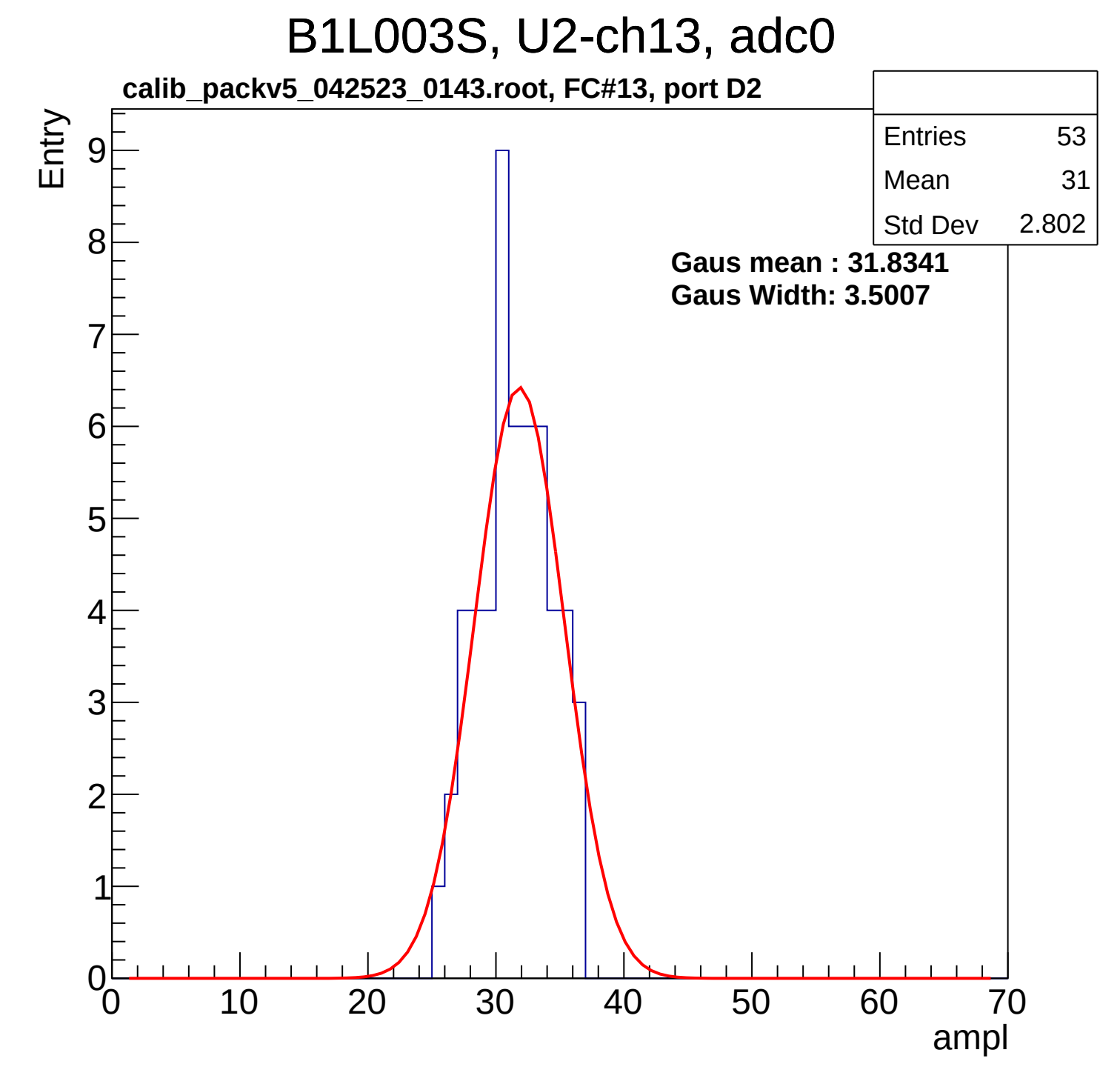

B1L003S, U2-ch12, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.8
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U2-ch12, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch13, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 31
Std Dev 2.802
Gaus mean : 31.8341
Gaus Width: 3.5007
Entry
ampl
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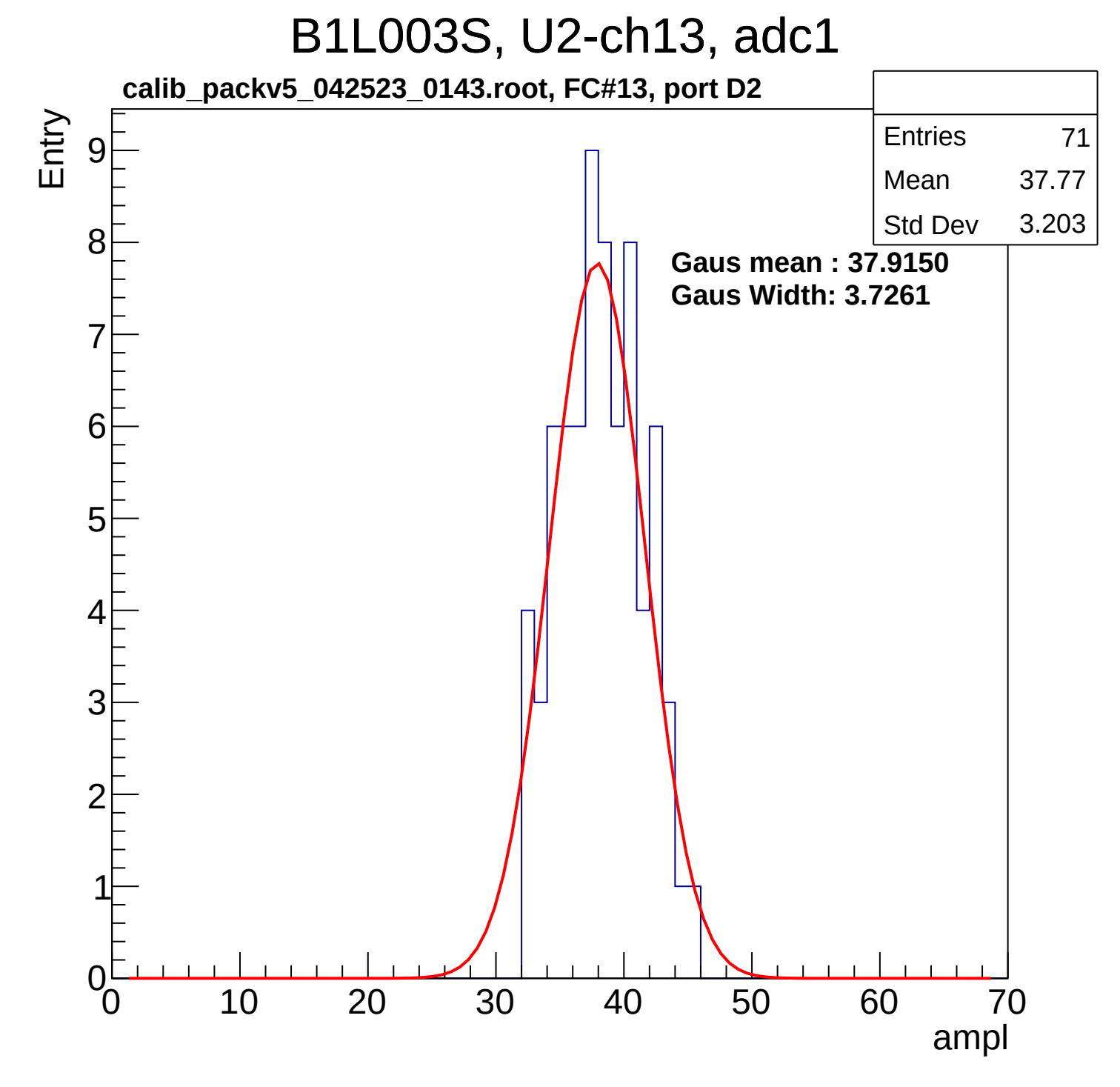
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch13, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 37.77
Std Dev 3.203
Gaus mean : 37.9150
Gaus Width: 3.7261
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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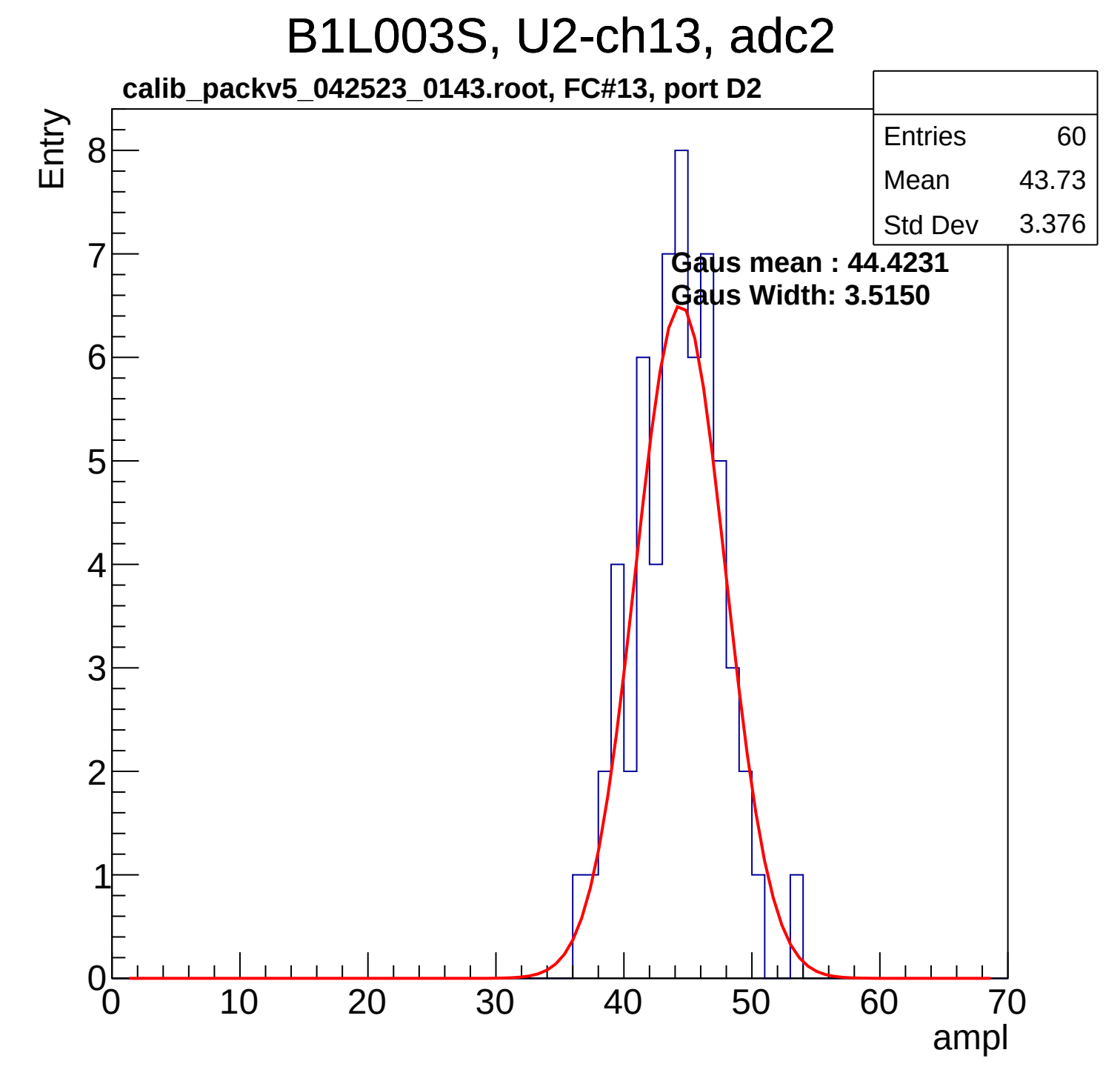
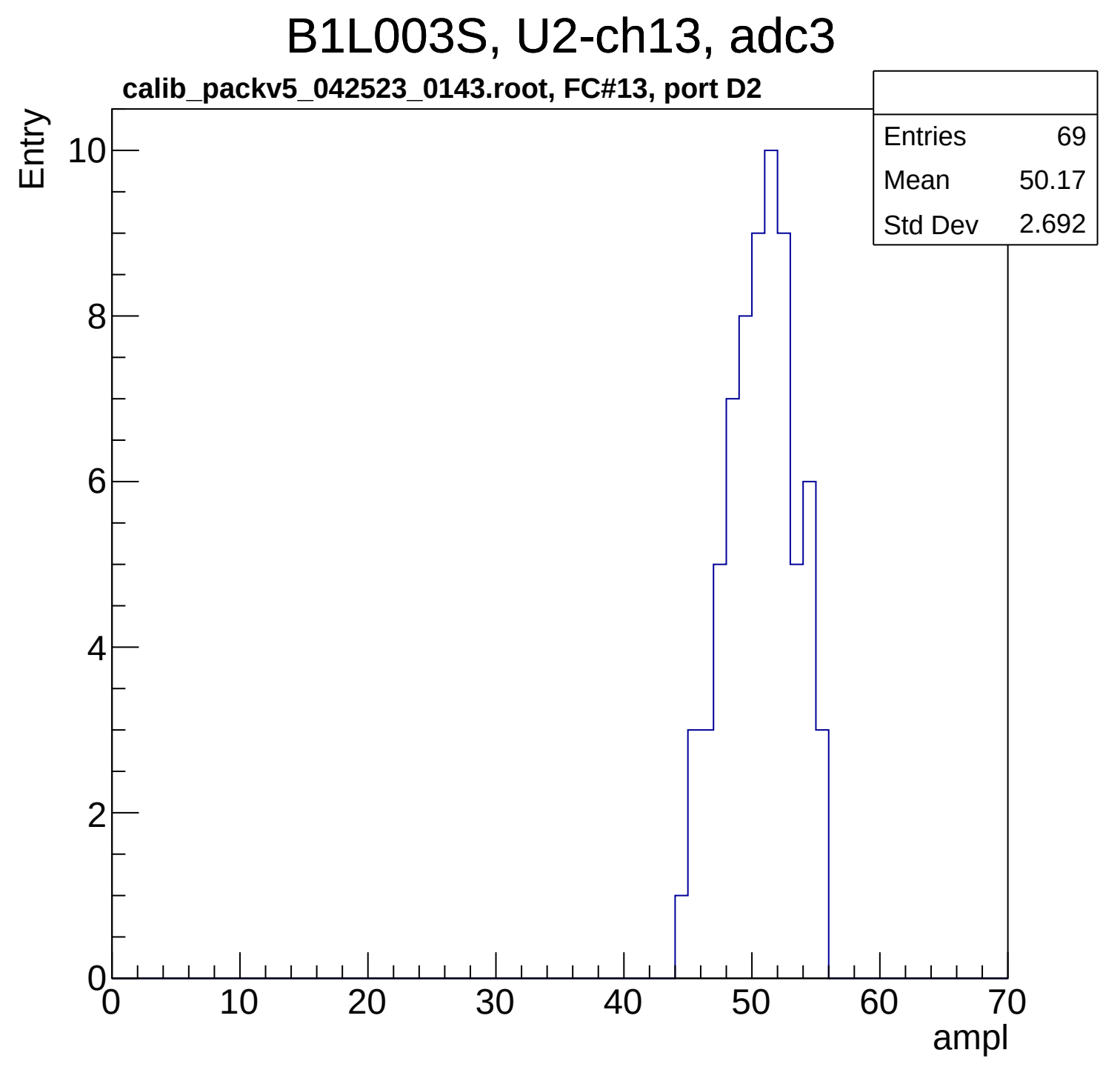
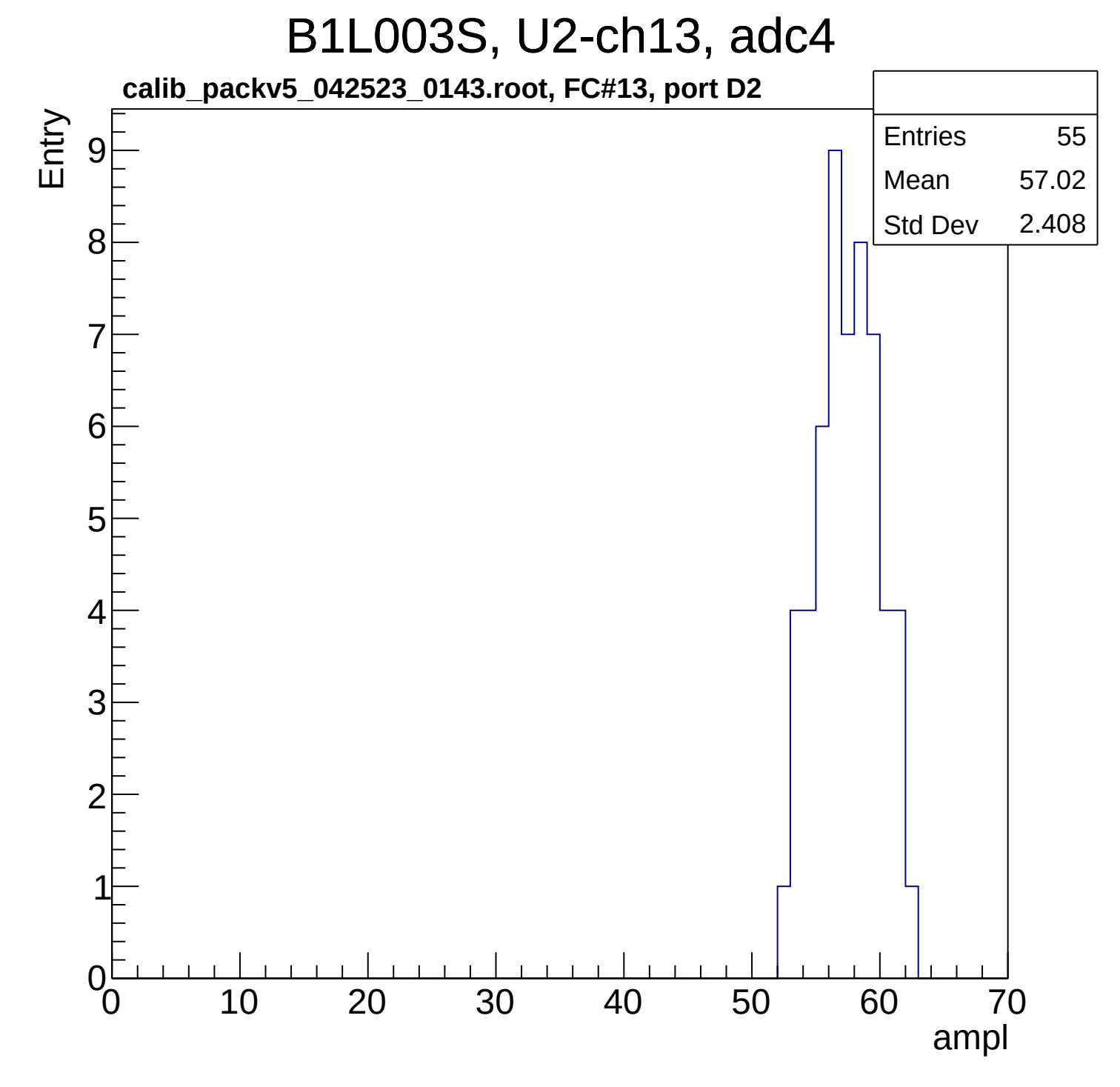

B1L003S, U2-ch13, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 43.73
Std Dev 3.376
Gaus mean : 44.4231
Gaus Width: 3.5150
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch13, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 50.17
Std Dev 2.692
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch13, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 57.02
Std Dev 2.408
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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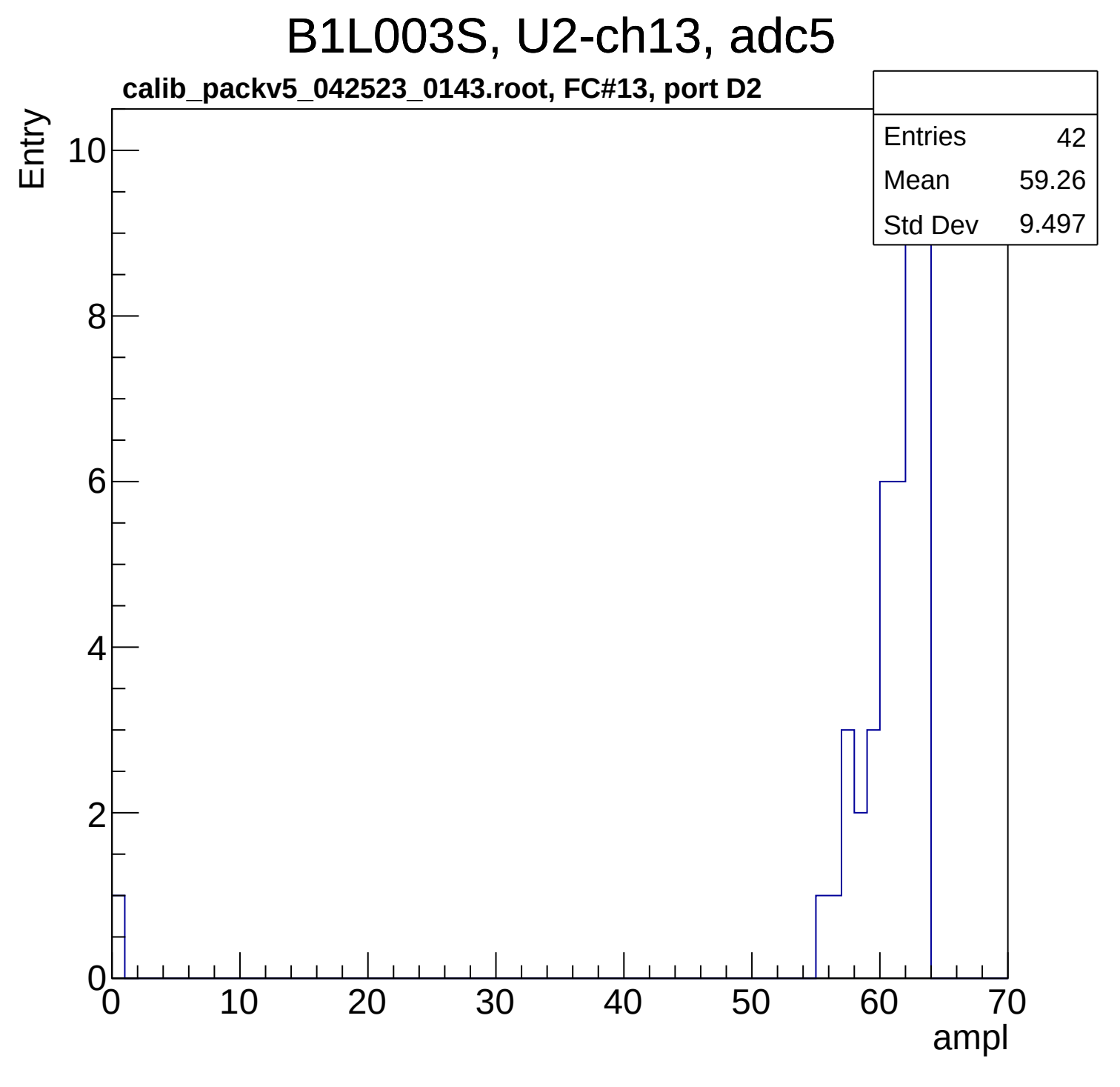
B1L003S, U2-ch13, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 59.26
Std Dev 9.497
Entry
0
2
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6
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10
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50
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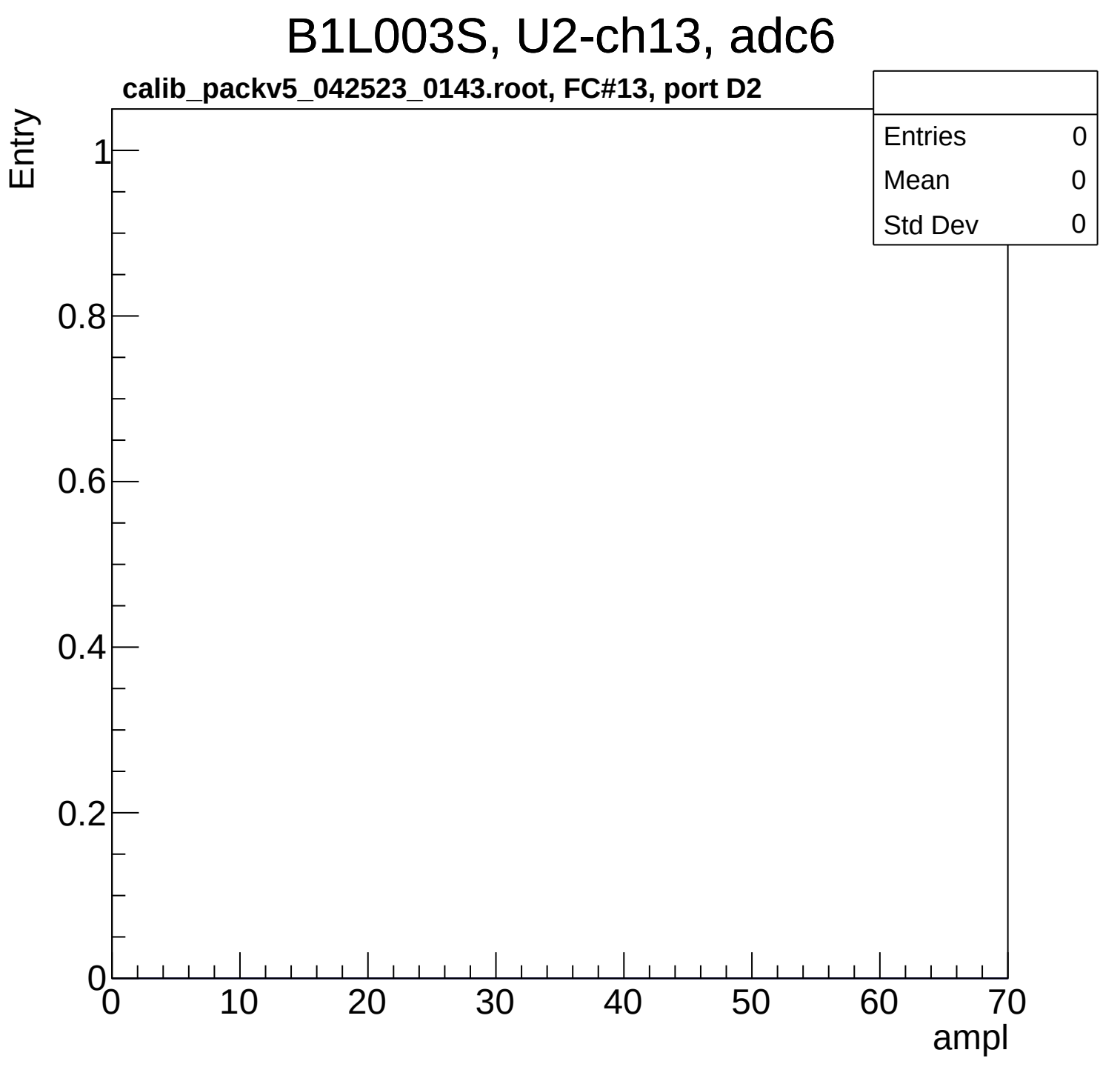
70
ampl


B1L003S, U2-ch13, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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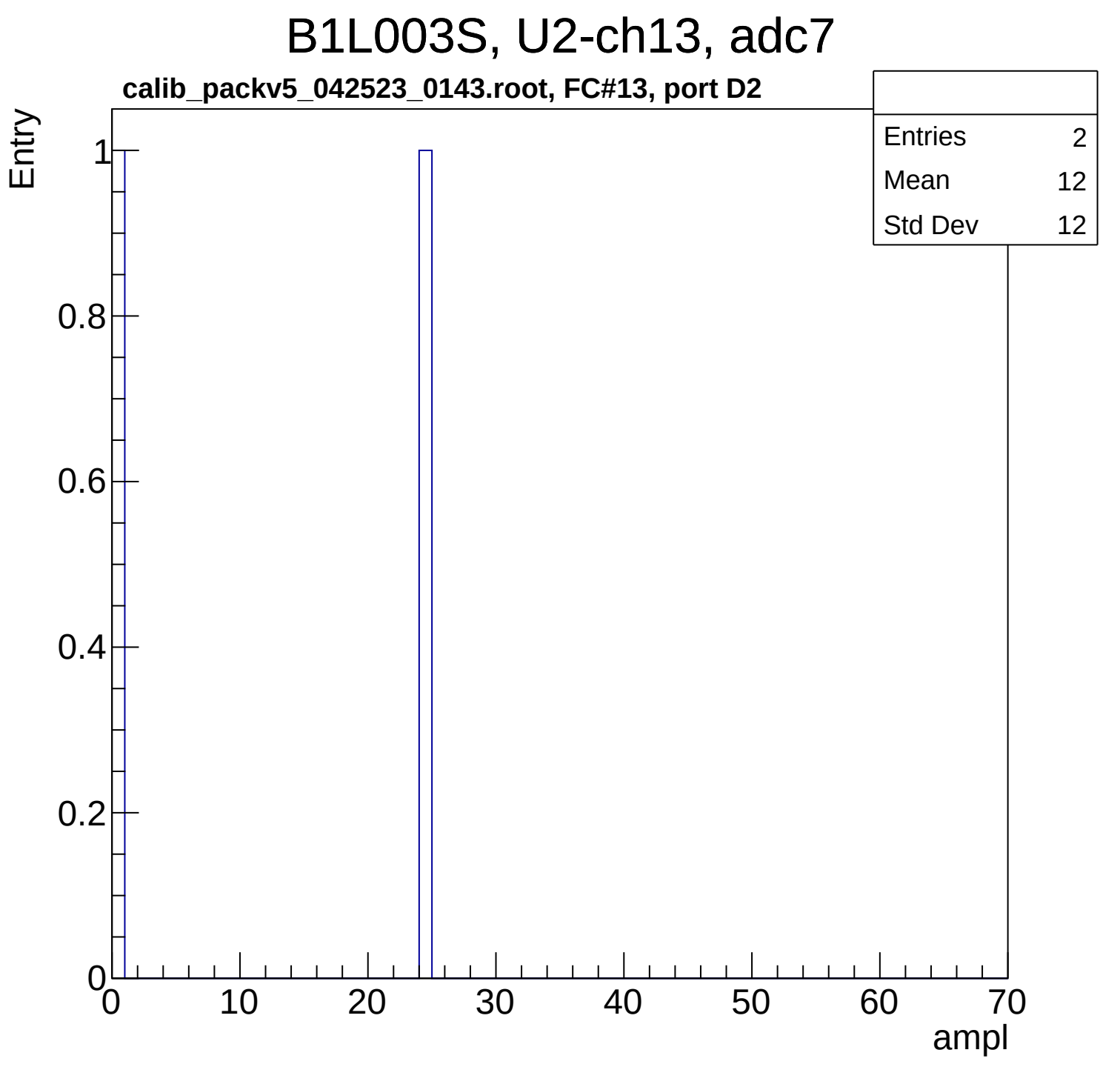
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch13, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12
Std Dev 12
Entry
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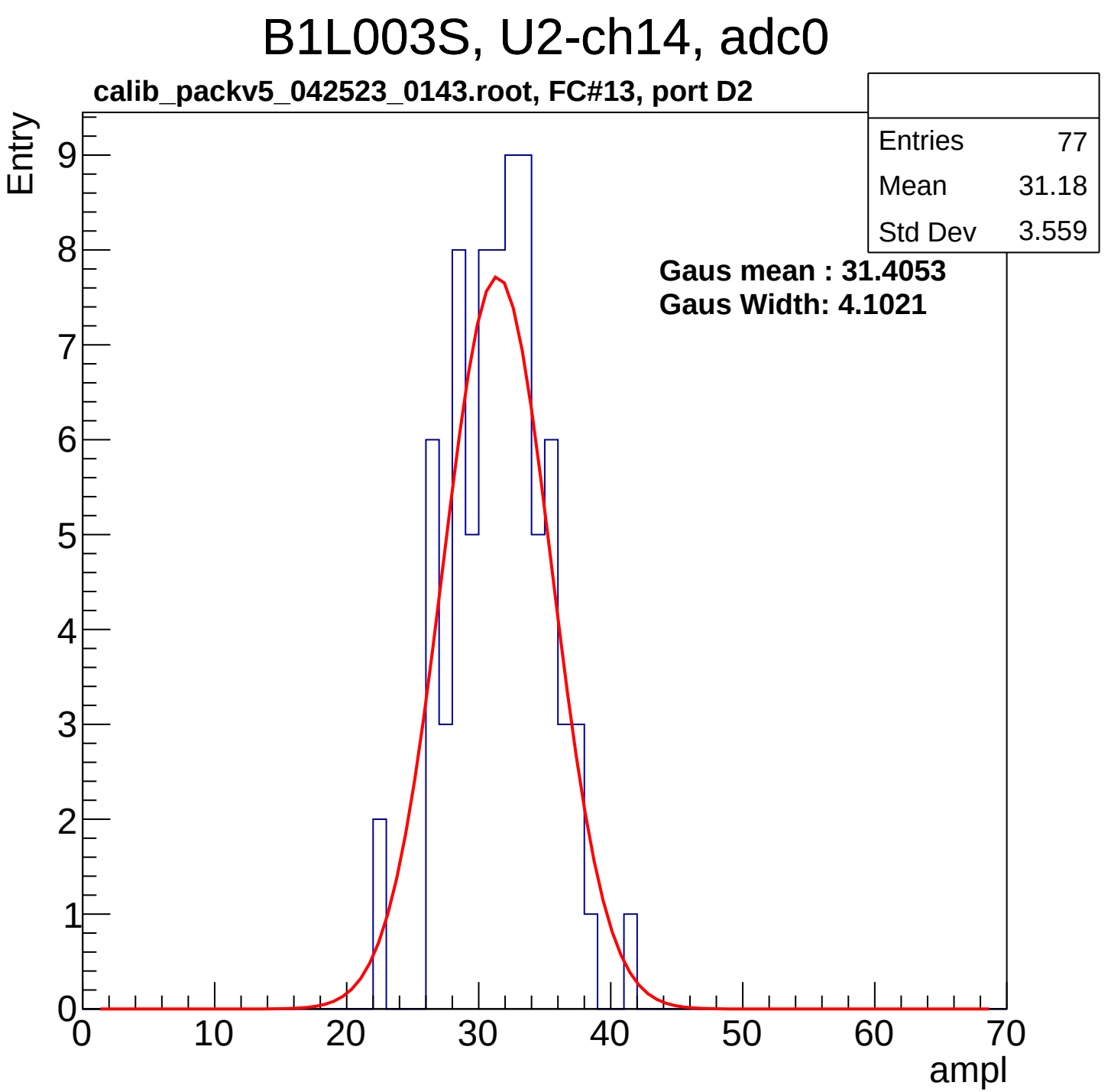
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch14, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 31.18
Std Dev 3.559
Gaus mean : 31.4053
Gaus Width: 4.1021
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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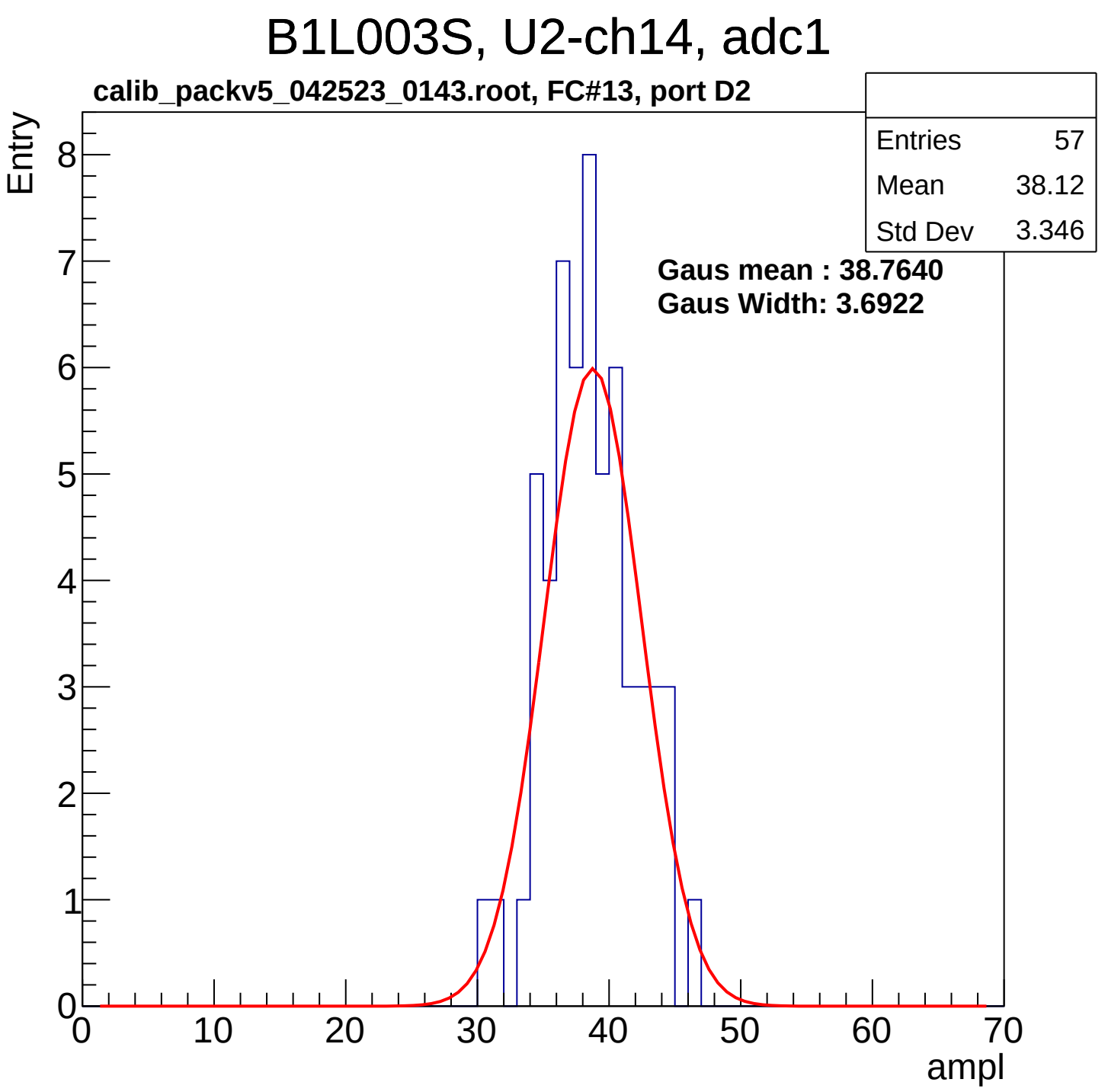
60
70


B1L003S, U2-ch14, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 38.12
Std Dev 3.346
Gaus mean : 38.7640
Gaus Width: 3.6922
Entry
ampl
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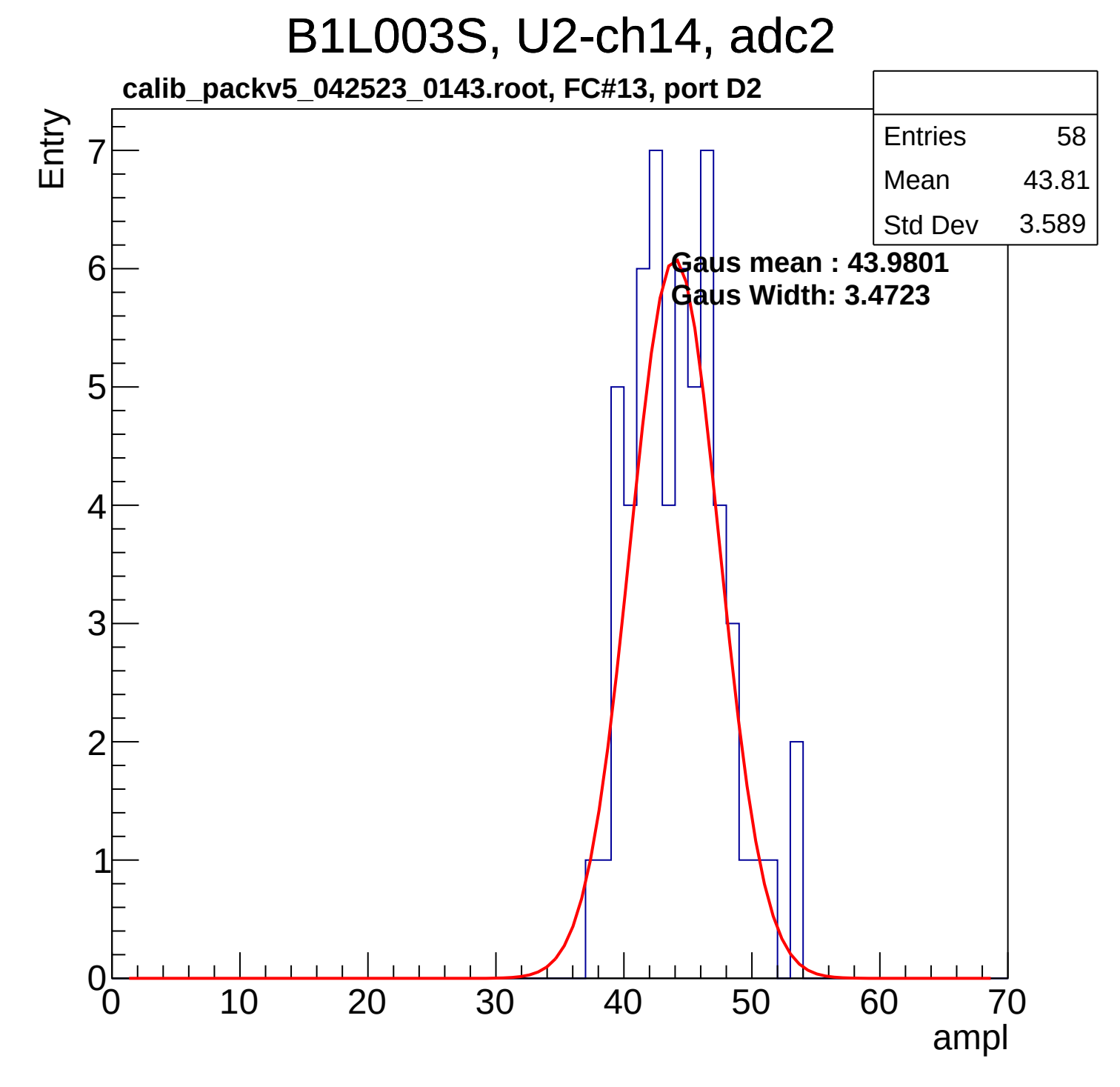
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch14, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 43.81
Std Dev 3.589
Gaus mean : 43.9801
Gaus Width: 3.4723
Entry
ampl
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1
2
3
4
5
6
7
0
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60
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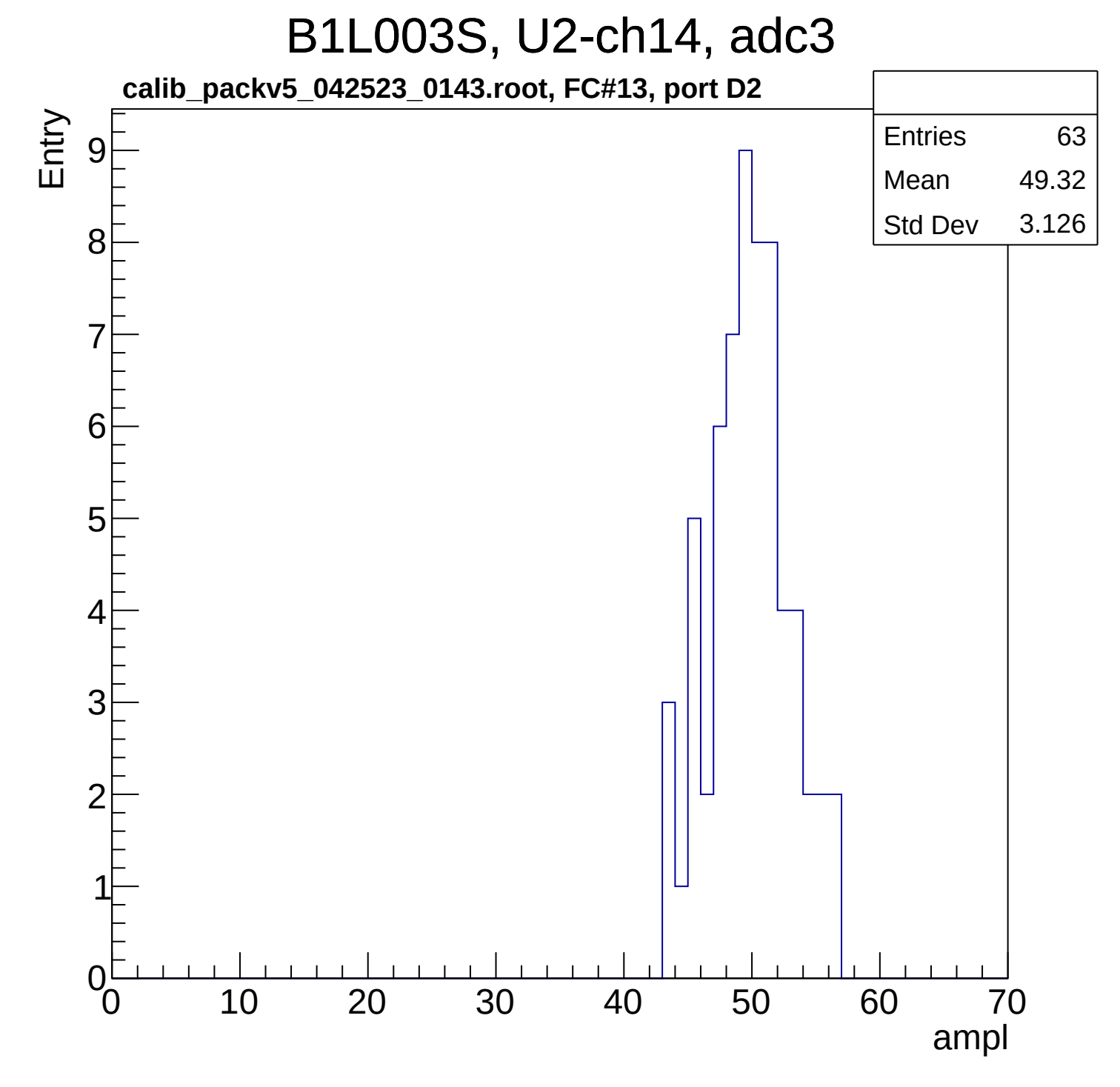
B1L003S, U2-ch14, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 49.32
Std Dev 3.126
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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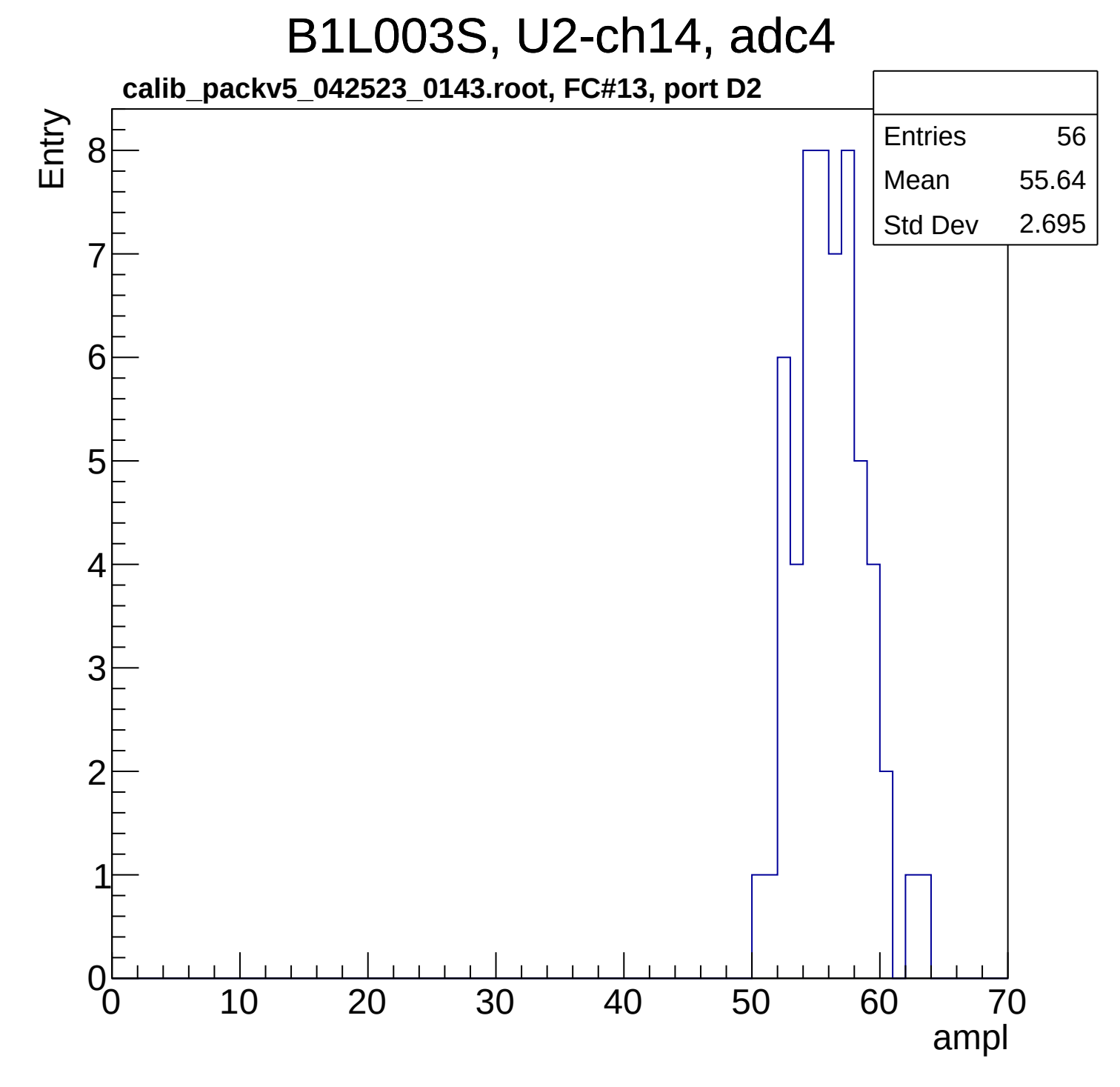
B1L003S, U2-ch14, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 55.64
Std Dev 2.695
Entry
ampl
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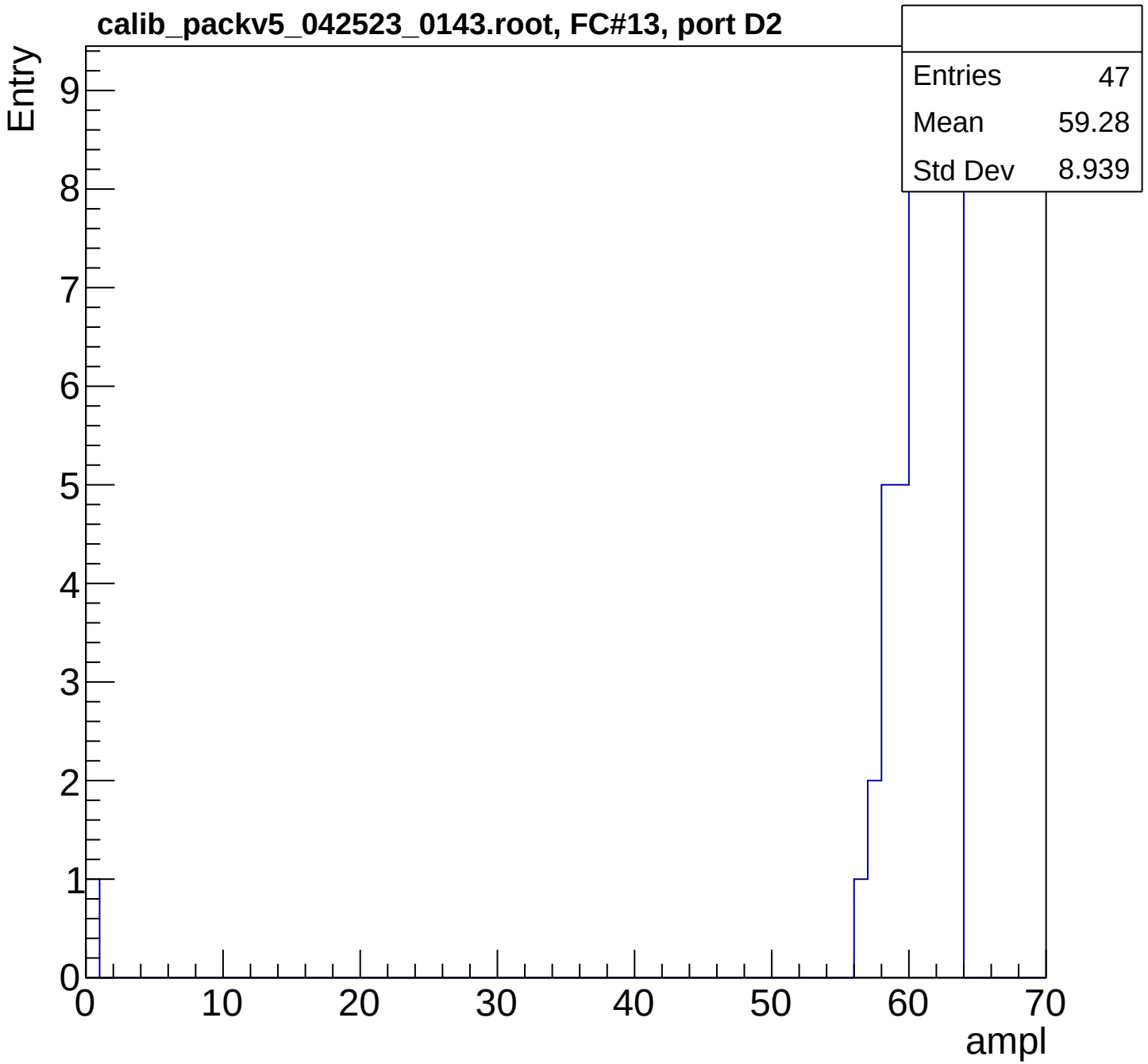
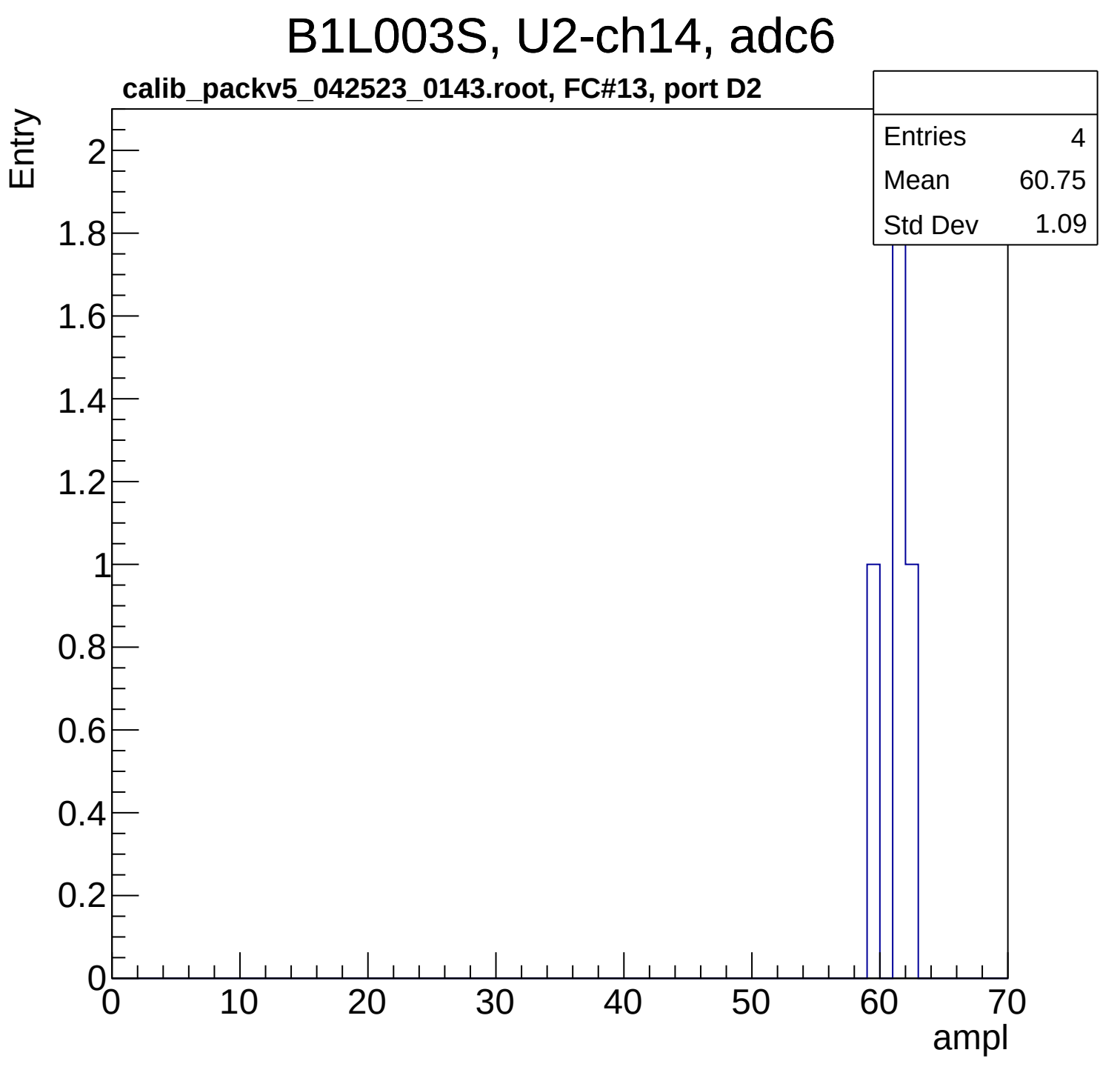
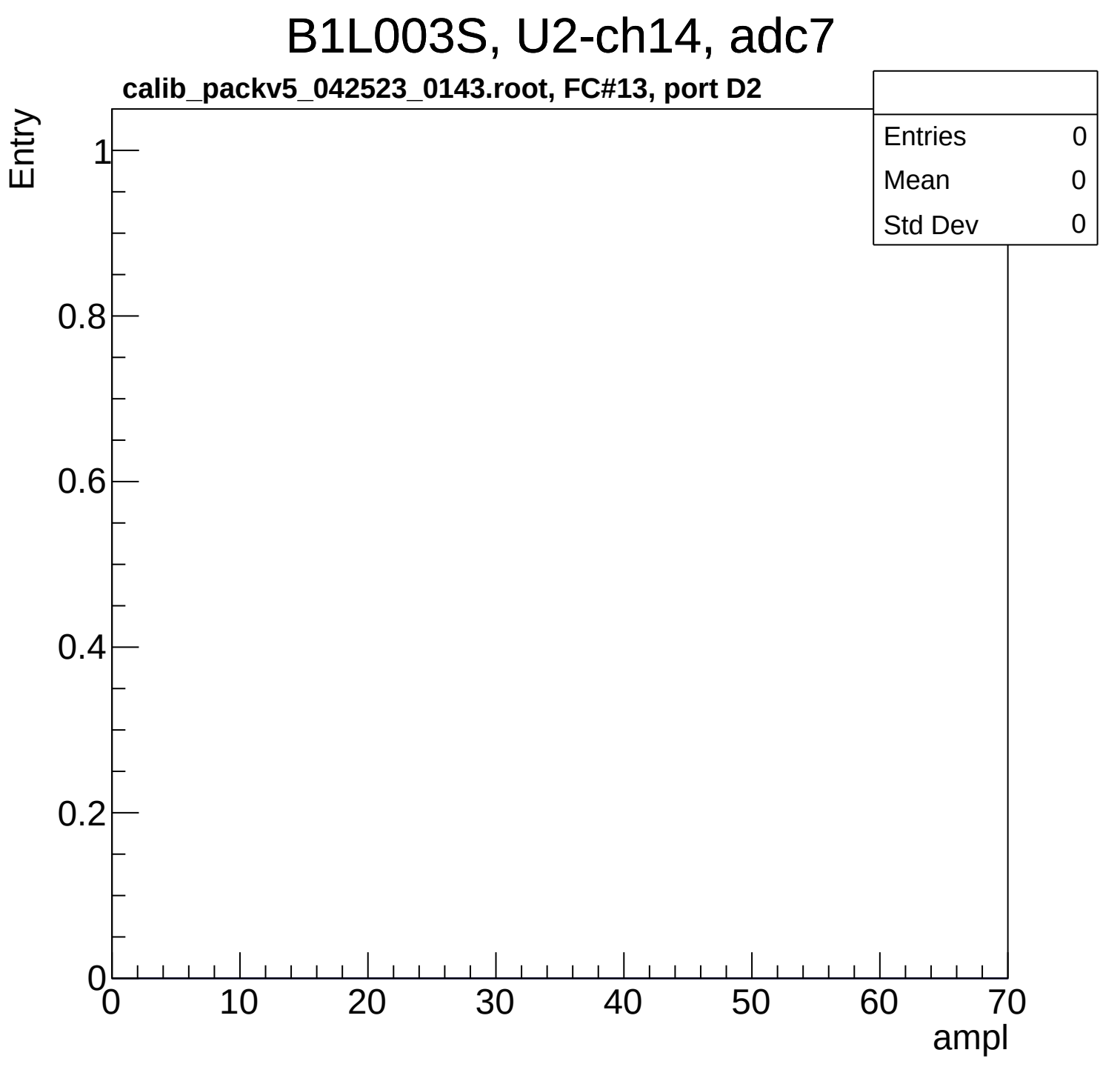
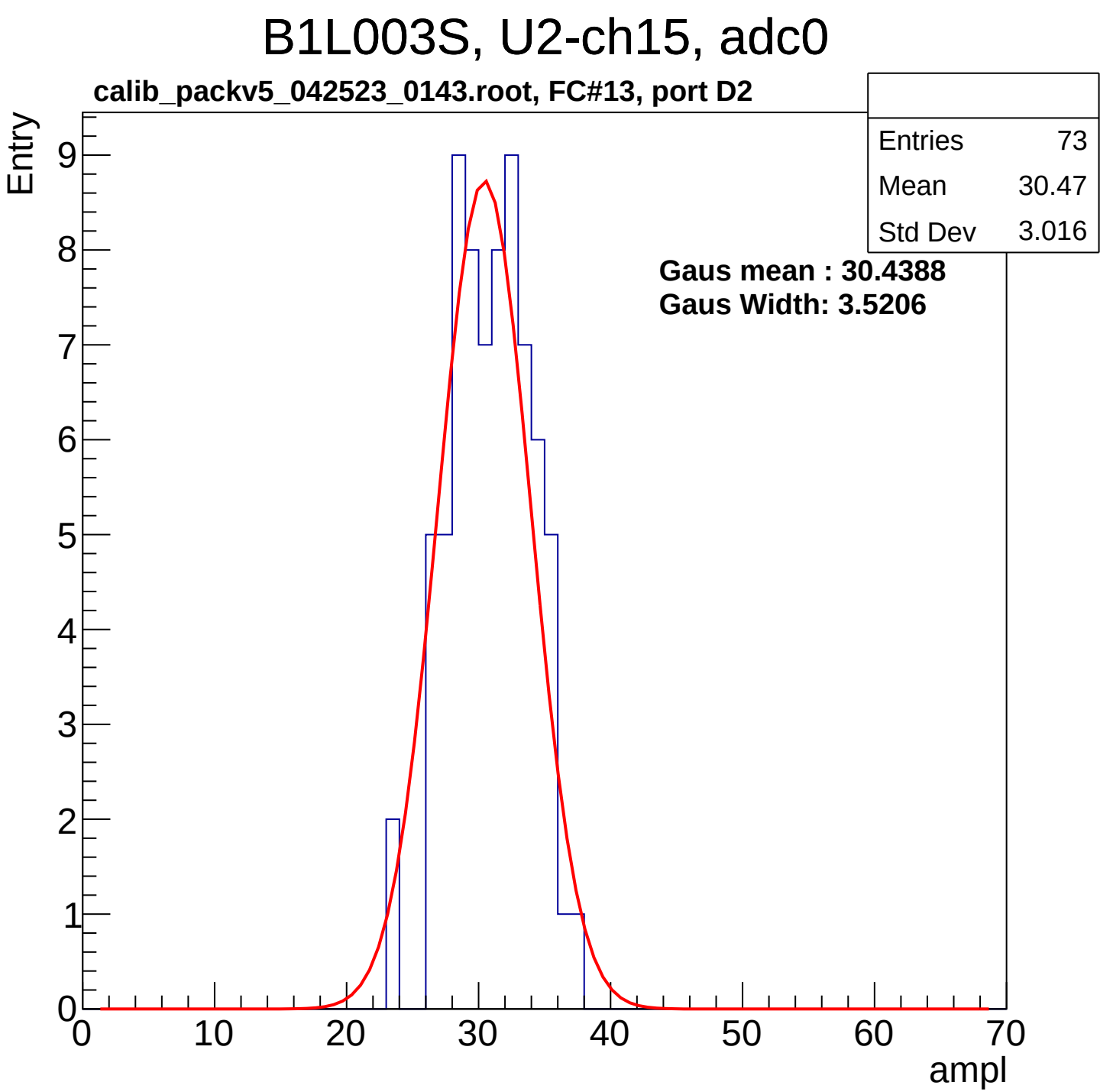
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch14, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 59.28
Std Dev 8.939
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch14, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 60.75
Std Dev 1.09
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


B1L003S, U2-ch14, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch15, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 30.47
Std Dev 3.016
Gaus mean : 30.4388
Gaus Width: 3.5206
Entry
ampl
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0
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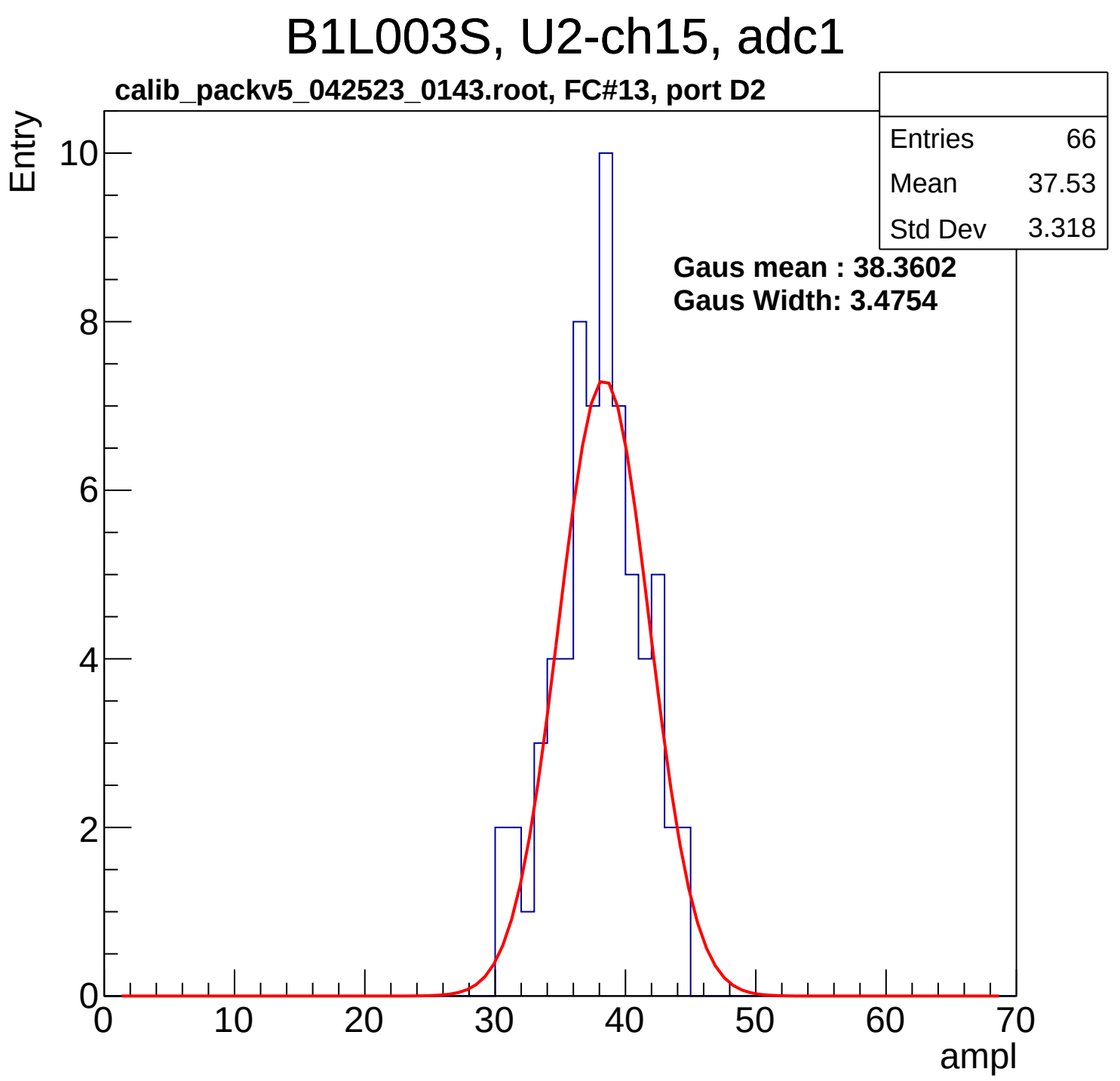
B1L003S, U2-ch15, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 37.53
Std Dev 3.318
Gaus mean : 38.3602
Gaus Width: 3.4754
Entry
ampl
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4
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0
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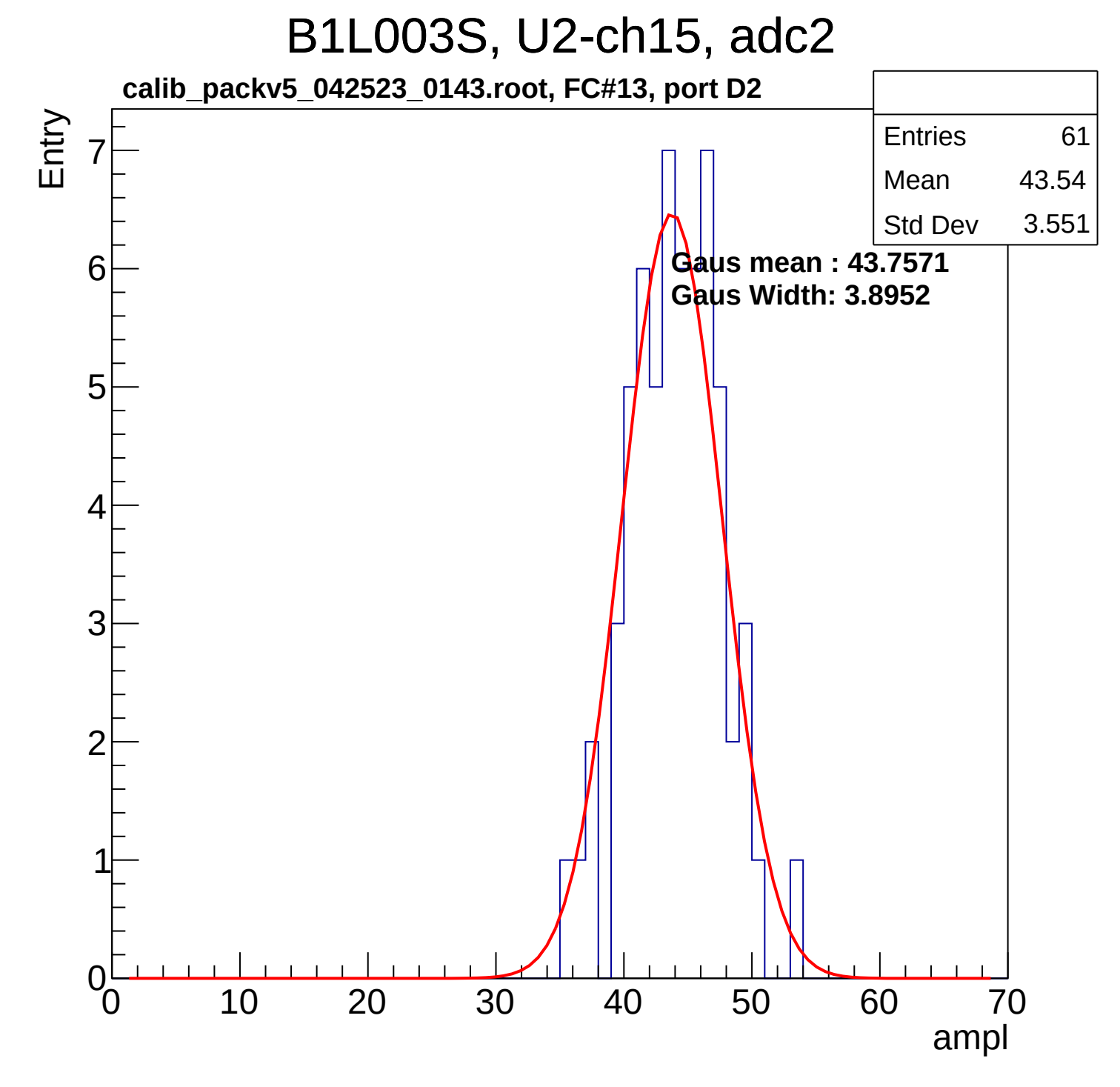
B1L003S, U2-ch15, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 43.54
Std Dev 3.551
Gaus mean : 43.7571
Gaus Width: 3.8952
Entry
ampl
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1
2
3
4
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0
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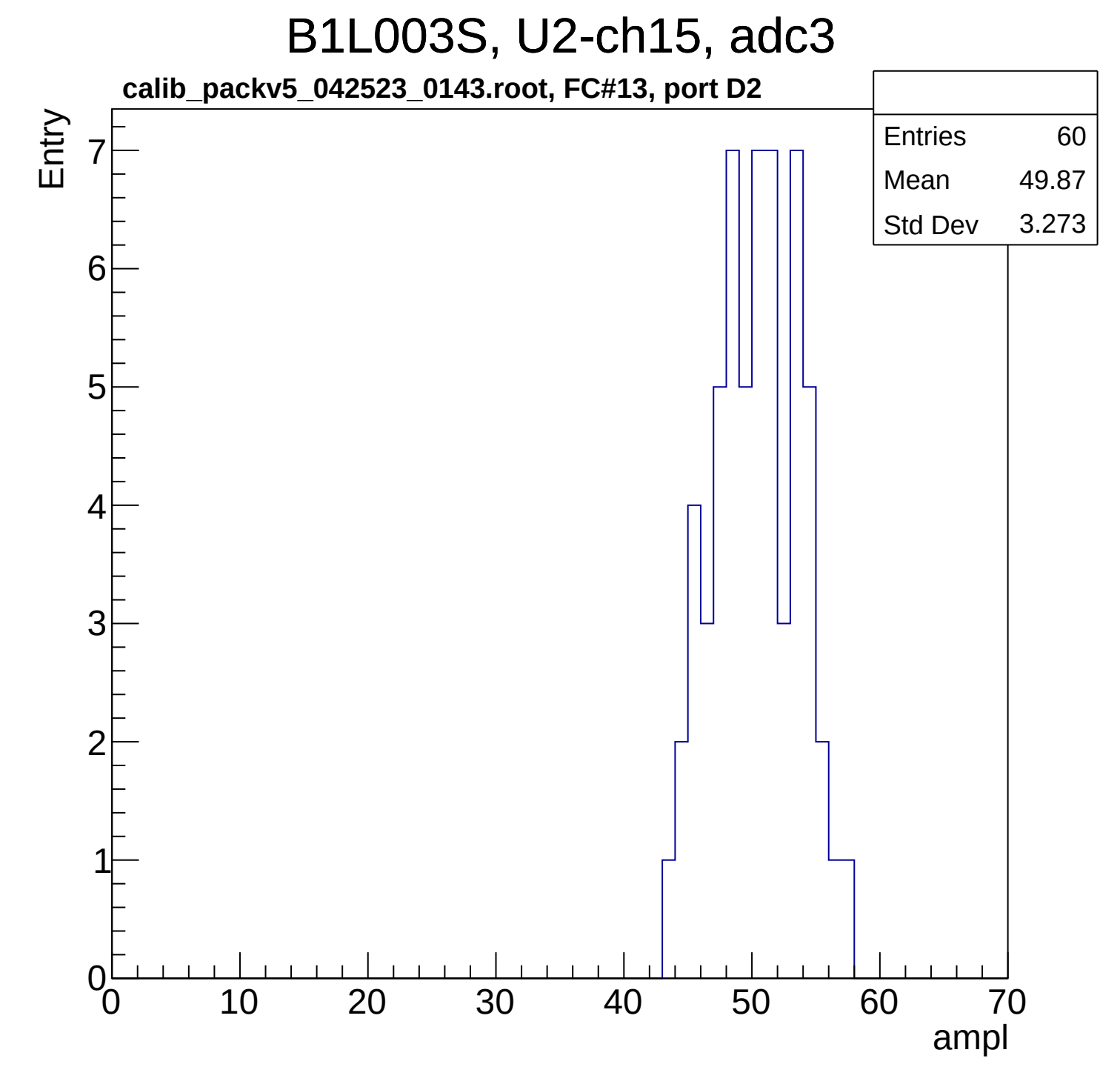
B1L003S, U2-ch15, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 49.87
Std Dev 3.273
Entry
ampl
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2
3
4
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6
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0
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40
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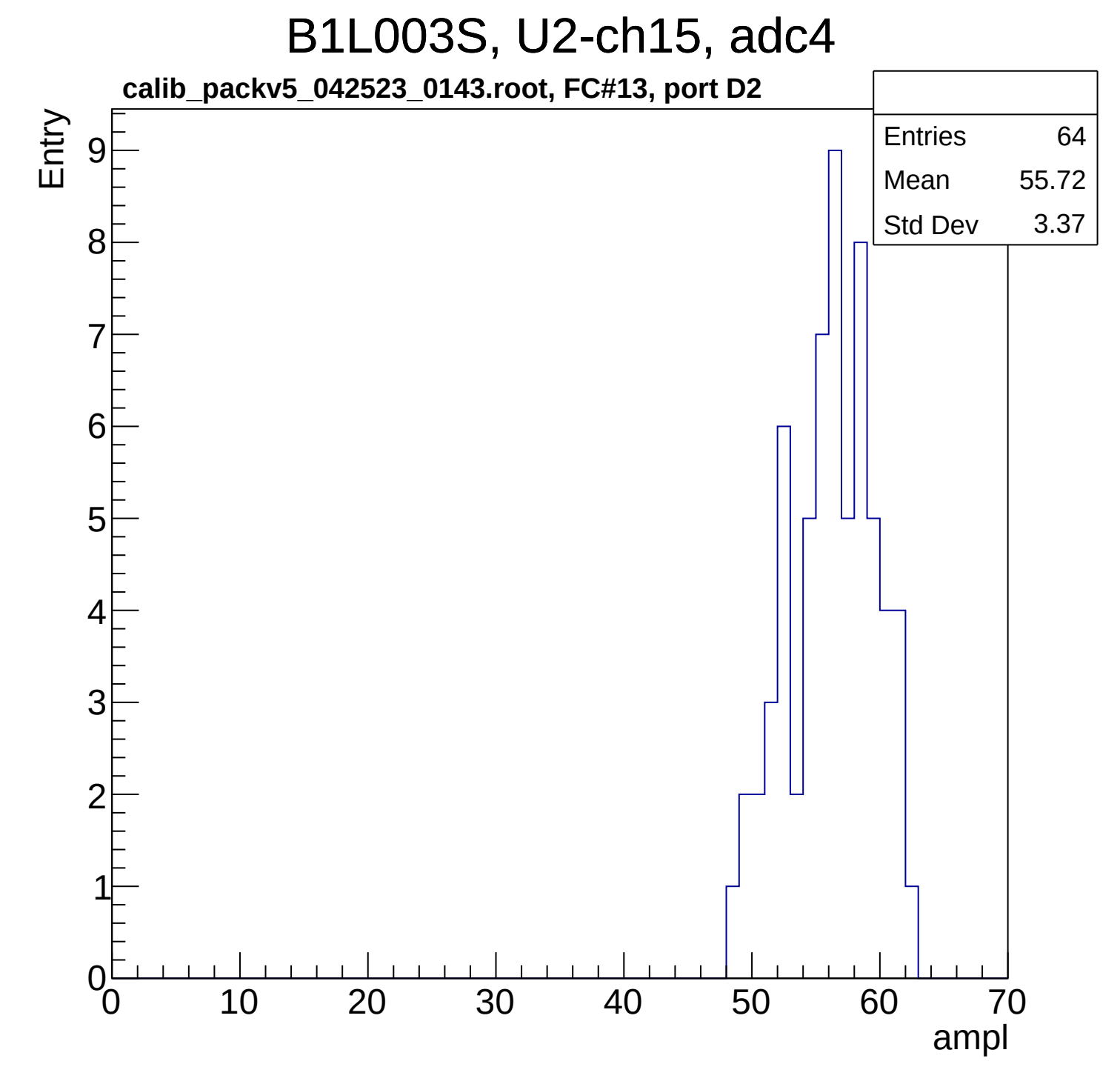
B1L003S, U2-ch15, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 55.72
Std Dev 3.37
Entry
ampl
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3
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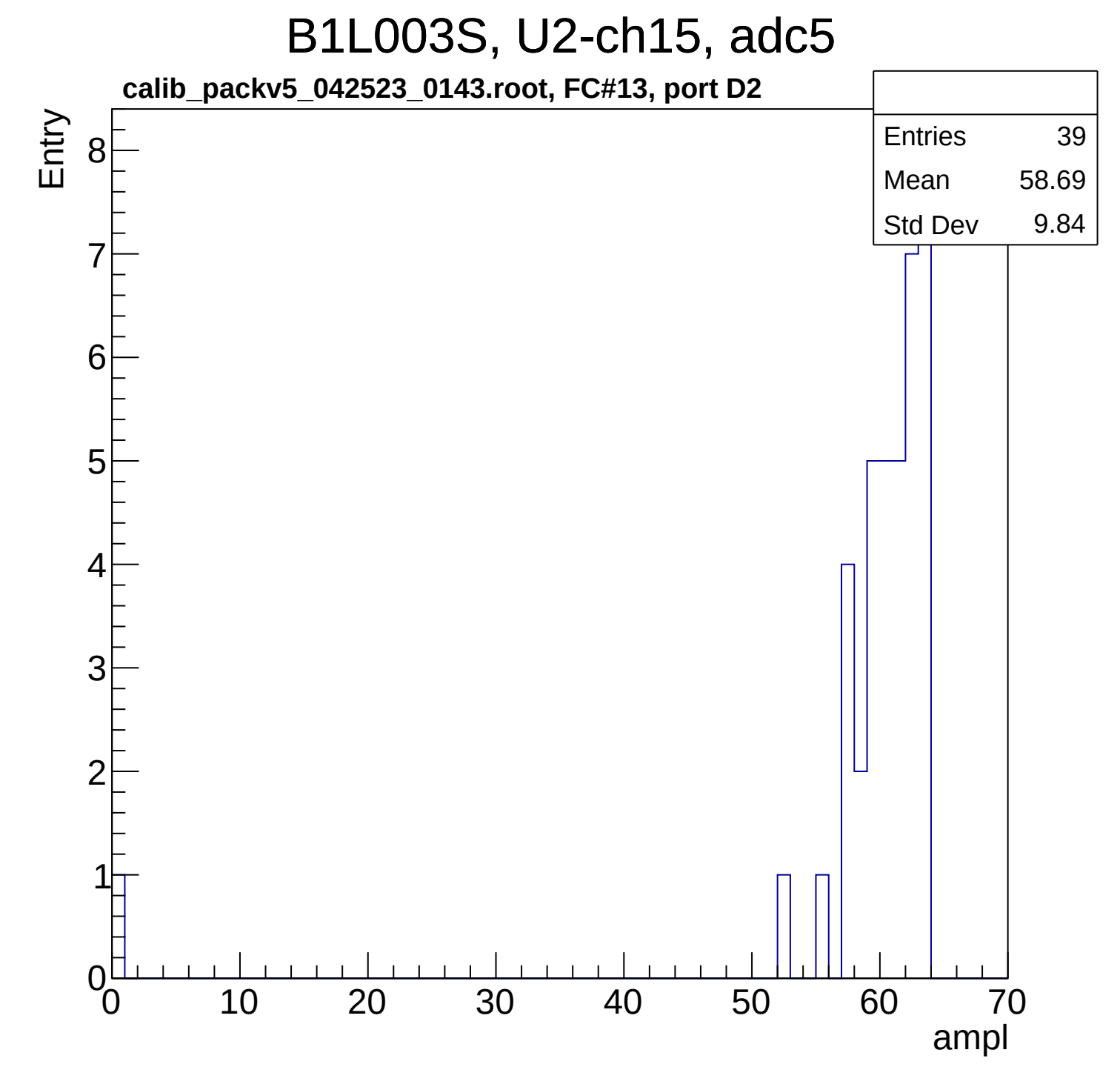
B1L003S, U2-ch15, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 58.69
Std Dev 9.84
Entry
ampl
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7
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40
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60
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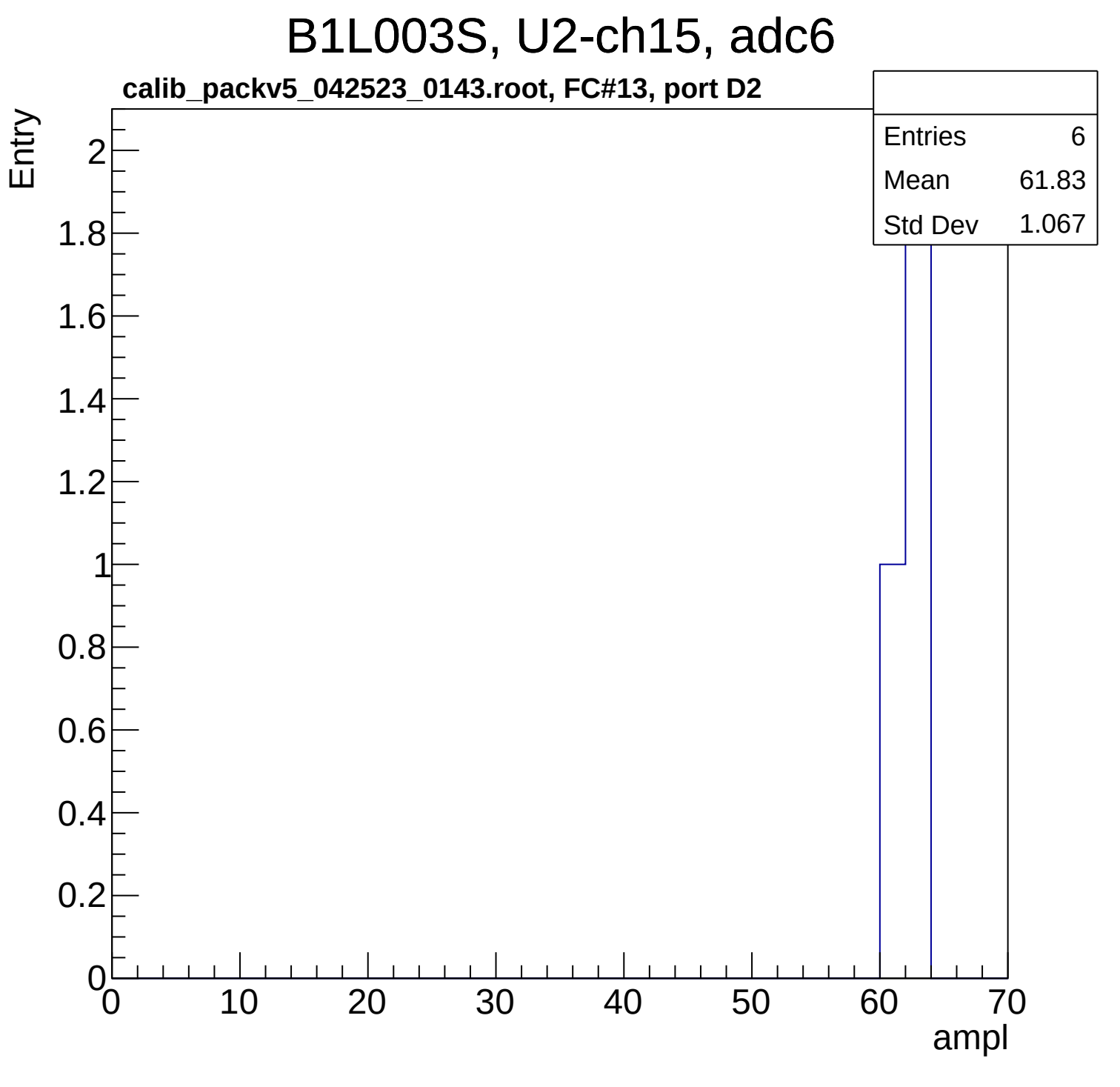
B1L003S, U2-ch15, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 61.83
Std Dev 1.067
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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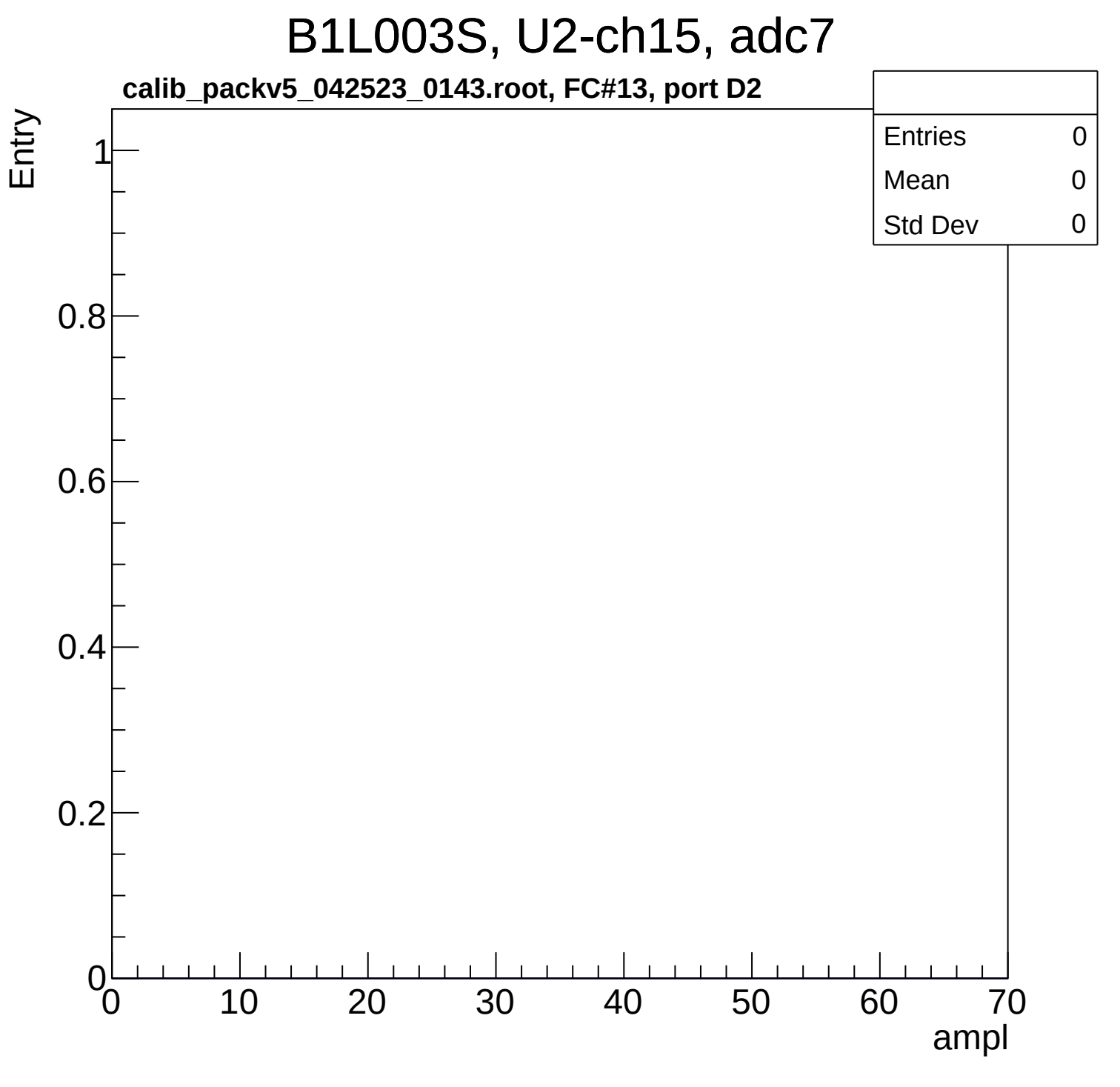
B1L003S, U2-ch15, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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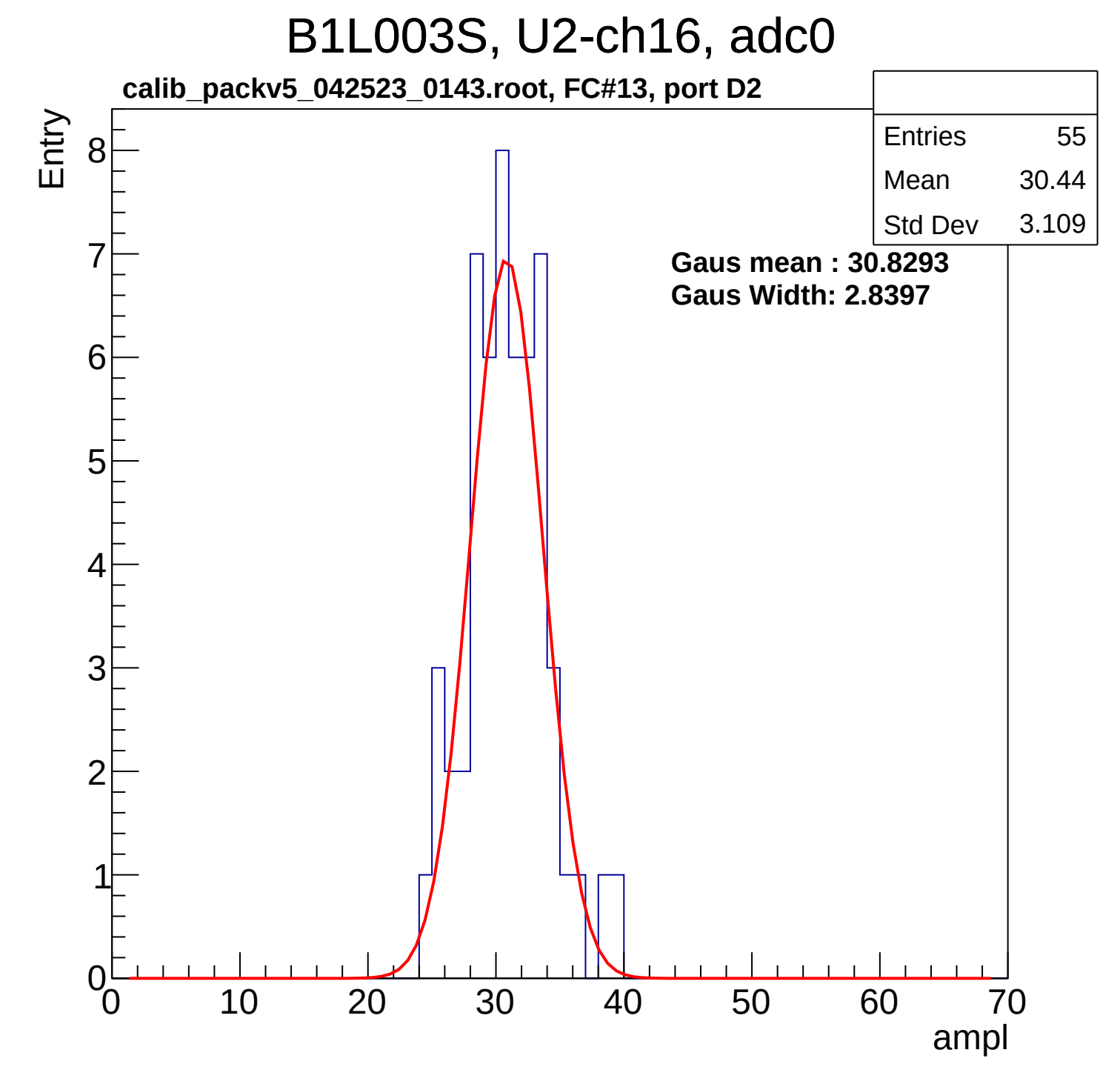
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch16, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 30.44
Std Dev 3.109
Gaus mean : 30.8293
Gaus Width: 2.8397
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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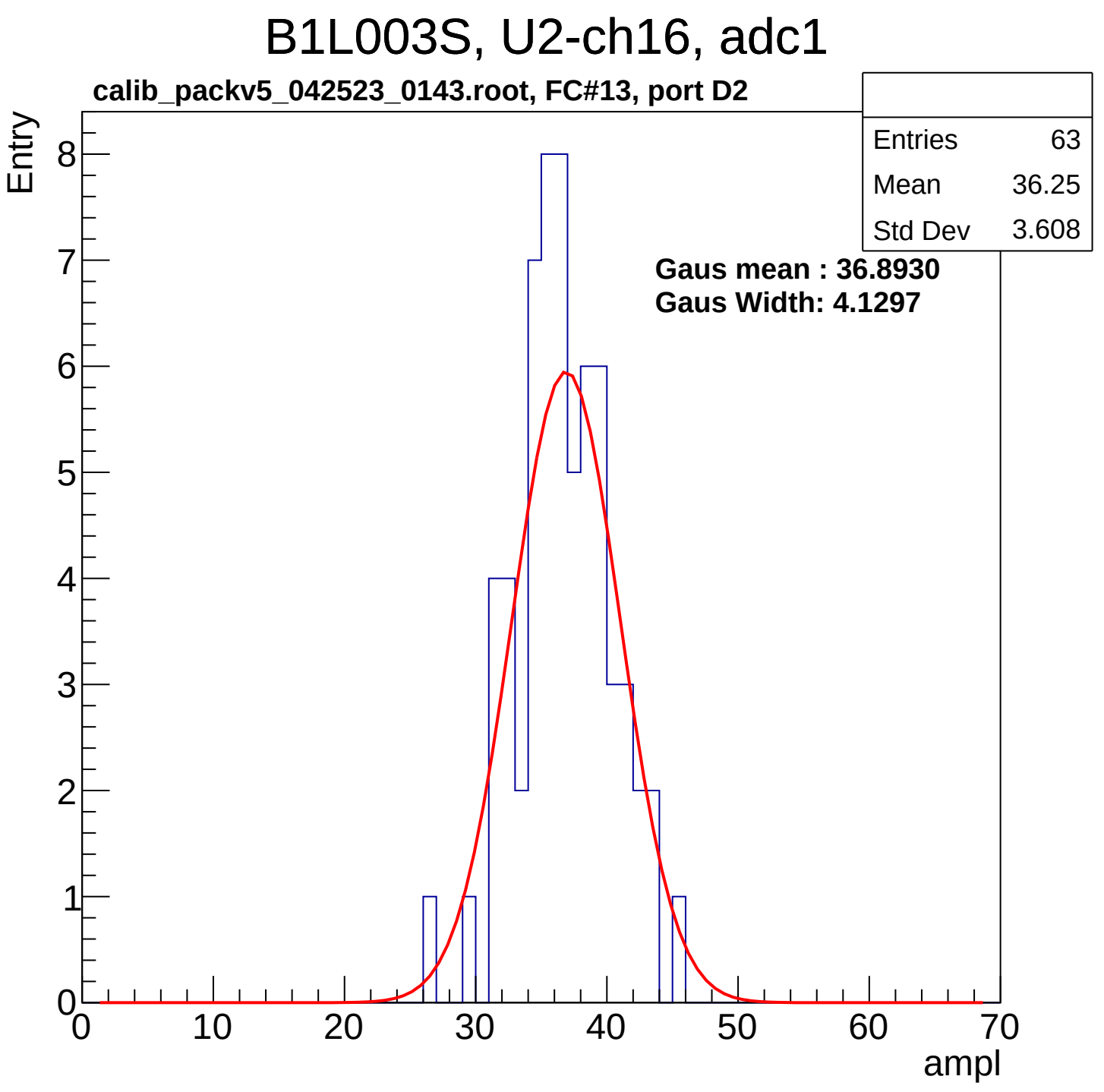
B1L003S, U2-ch16, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 36.25
Std Dev 3.608
Gaus mean : 36.8930
Gaus Width: 4.1297
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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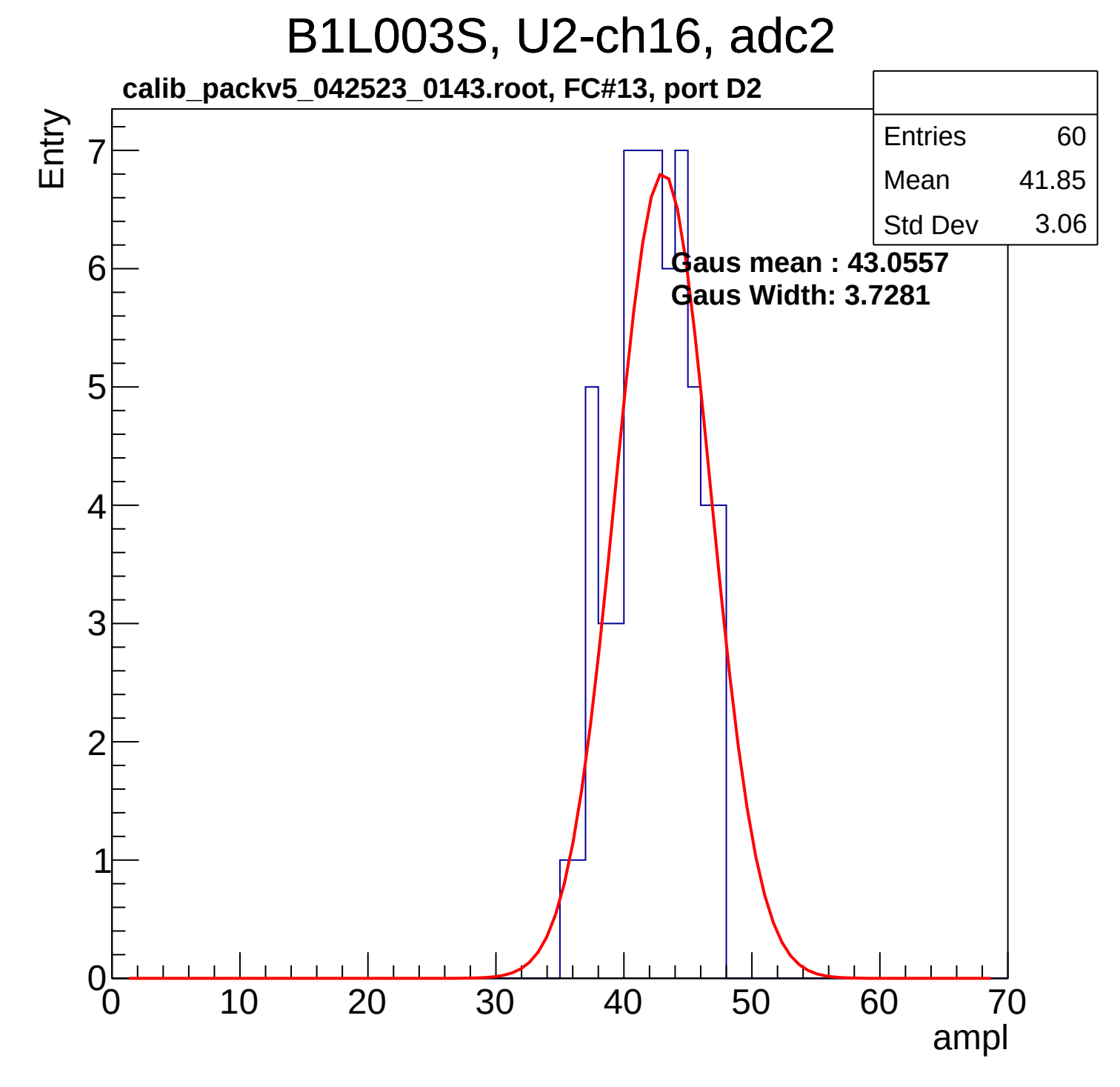
B1L003S, U2-ch16, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 41.85
Std Dev 3.06
Gaus mean : 43.0557
Gaus Width: 3.7281
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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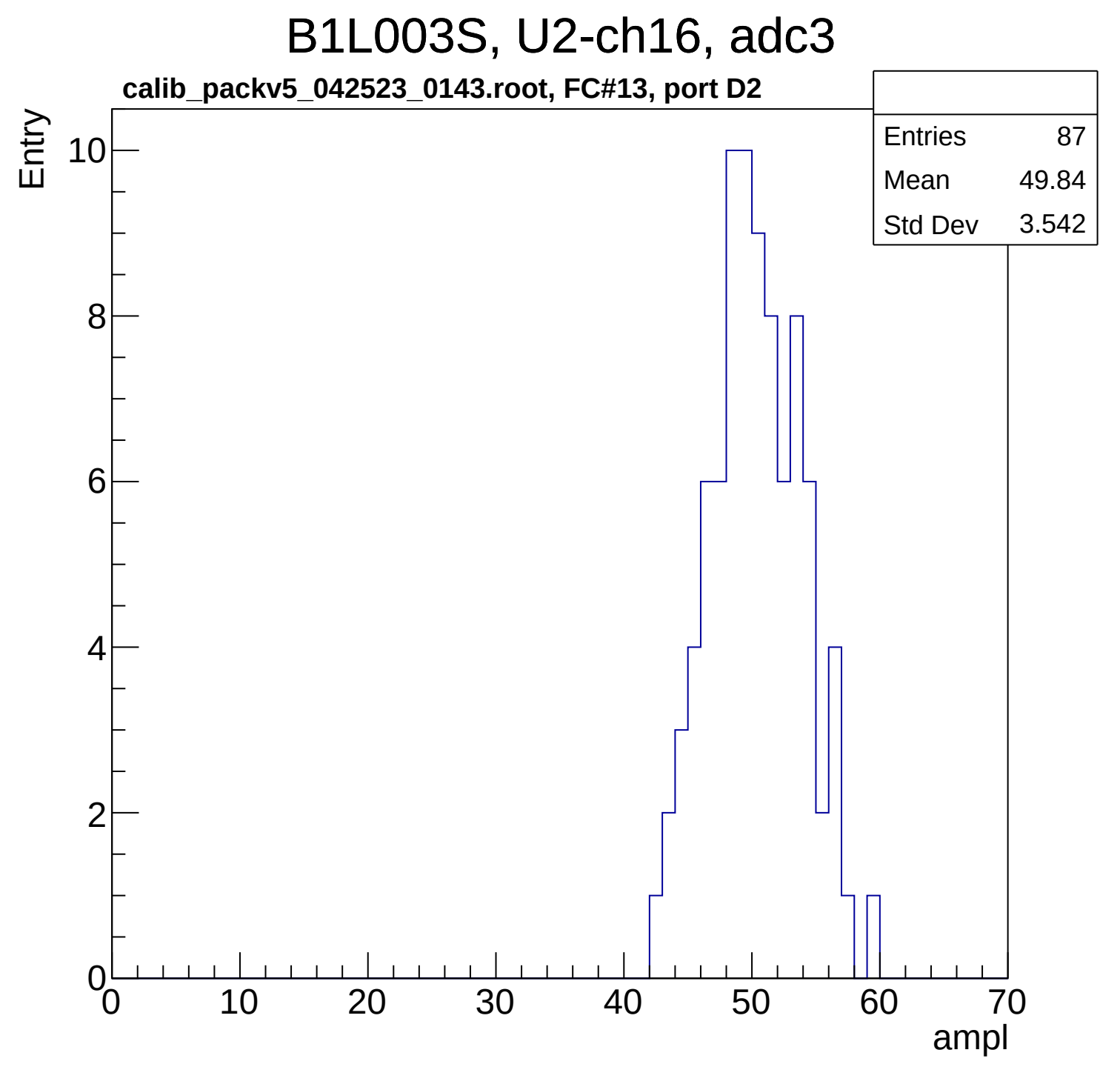
B1L003S, U2-ch16, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 87
Mean 49.84
Std Dev 3.542
Entry
ampl
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2
4
6
8
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0
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20
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40
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60
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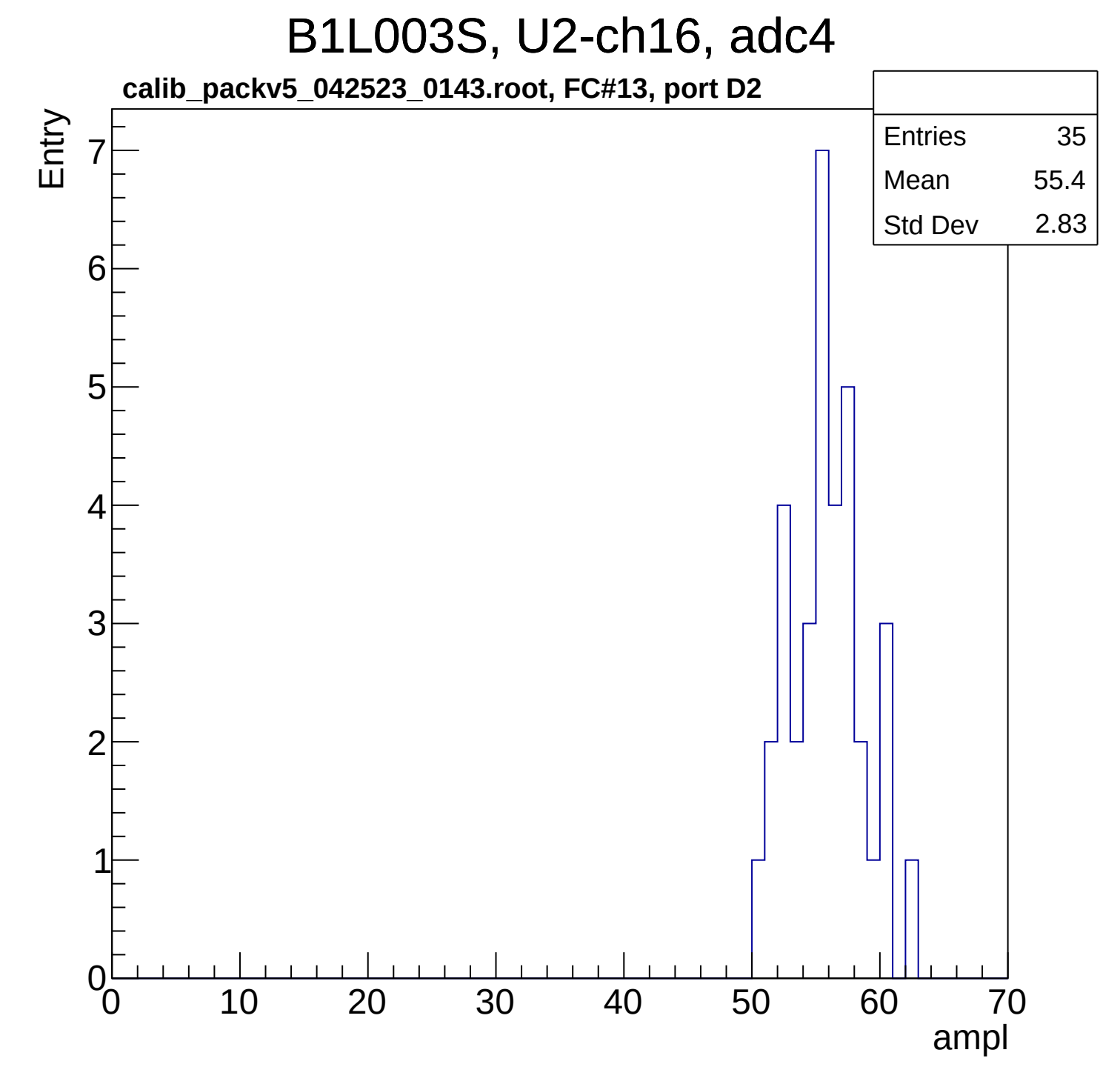
B1L003S, U2-ch16, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 55.4
Std Dev 2.83
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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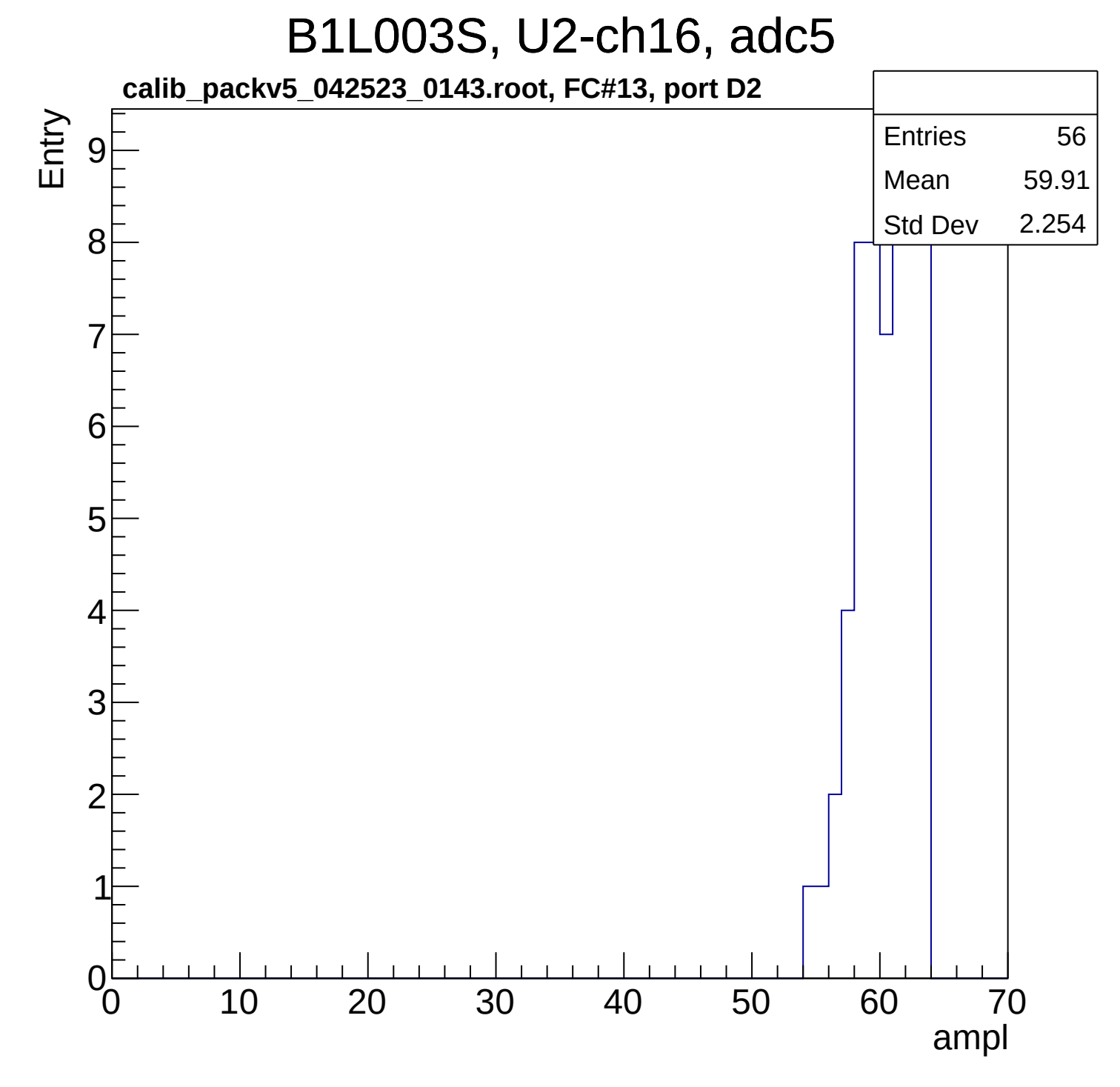
B1L003S, U2-ch16, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 59.91
Std Dev 2.254
Entry
ampl
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3
4
5
6
7
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0
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60
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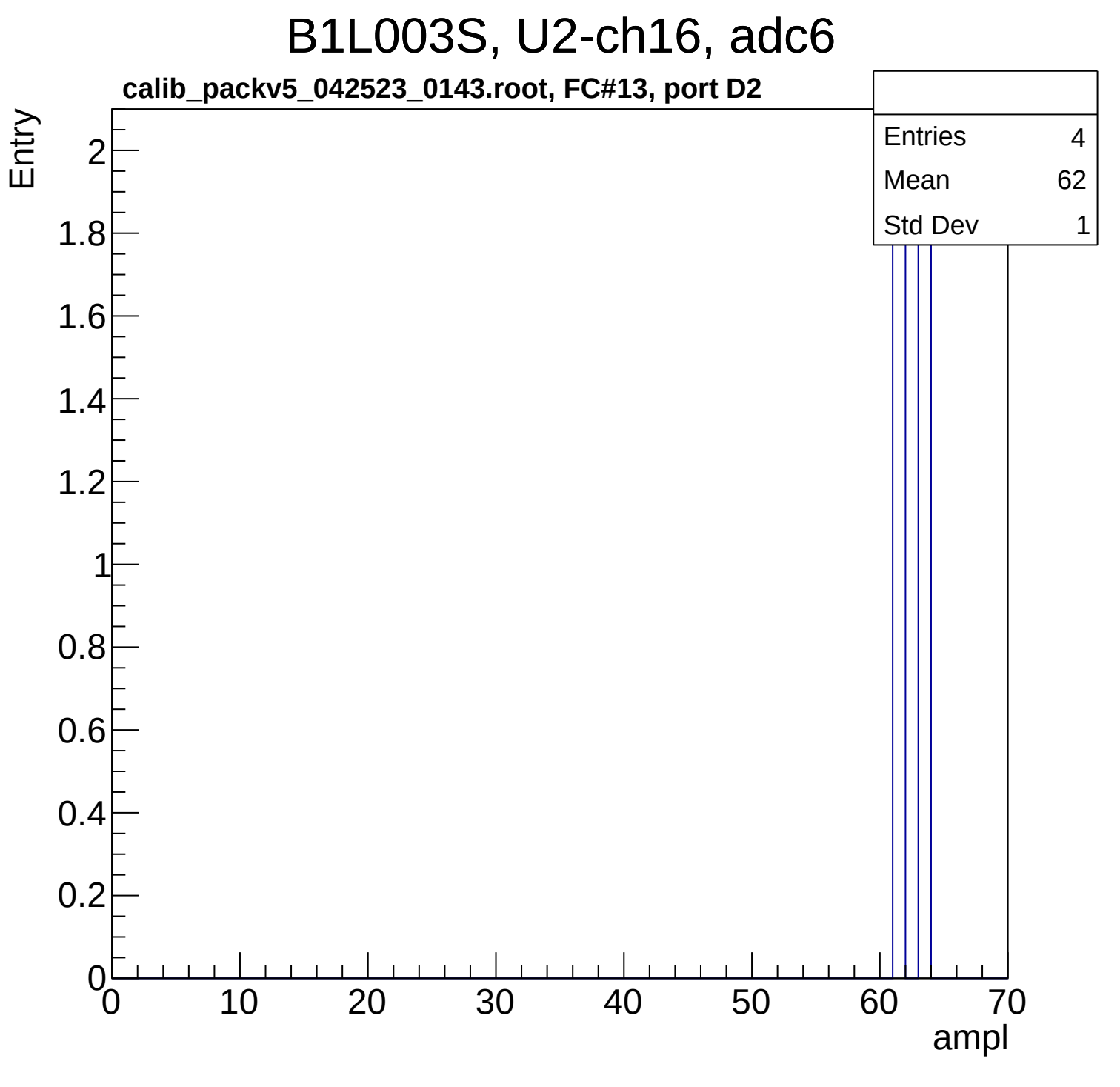
B1L003S, U2-ch16, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62
Std Dev 1
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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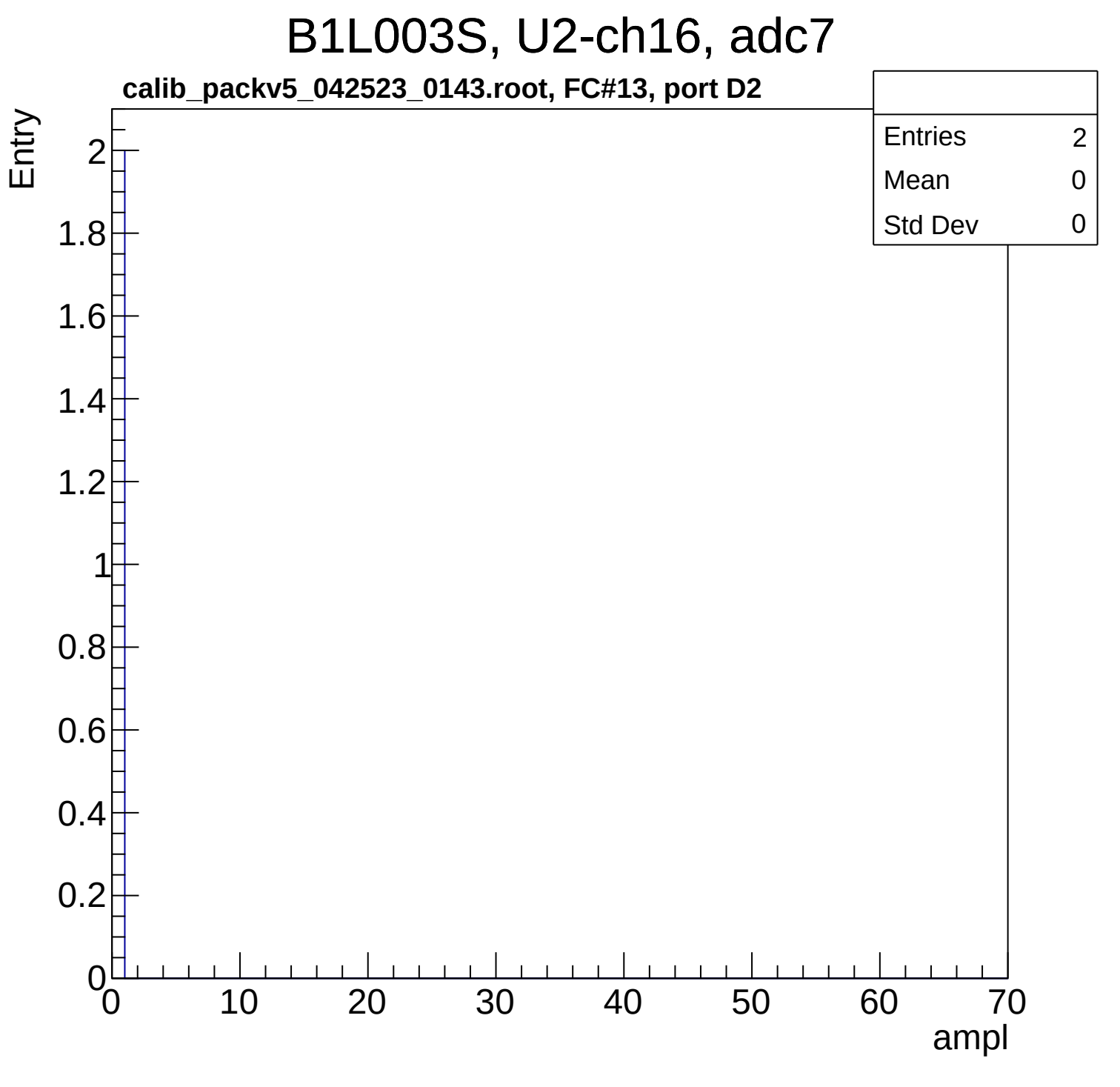
B1L003S, U2-ch16, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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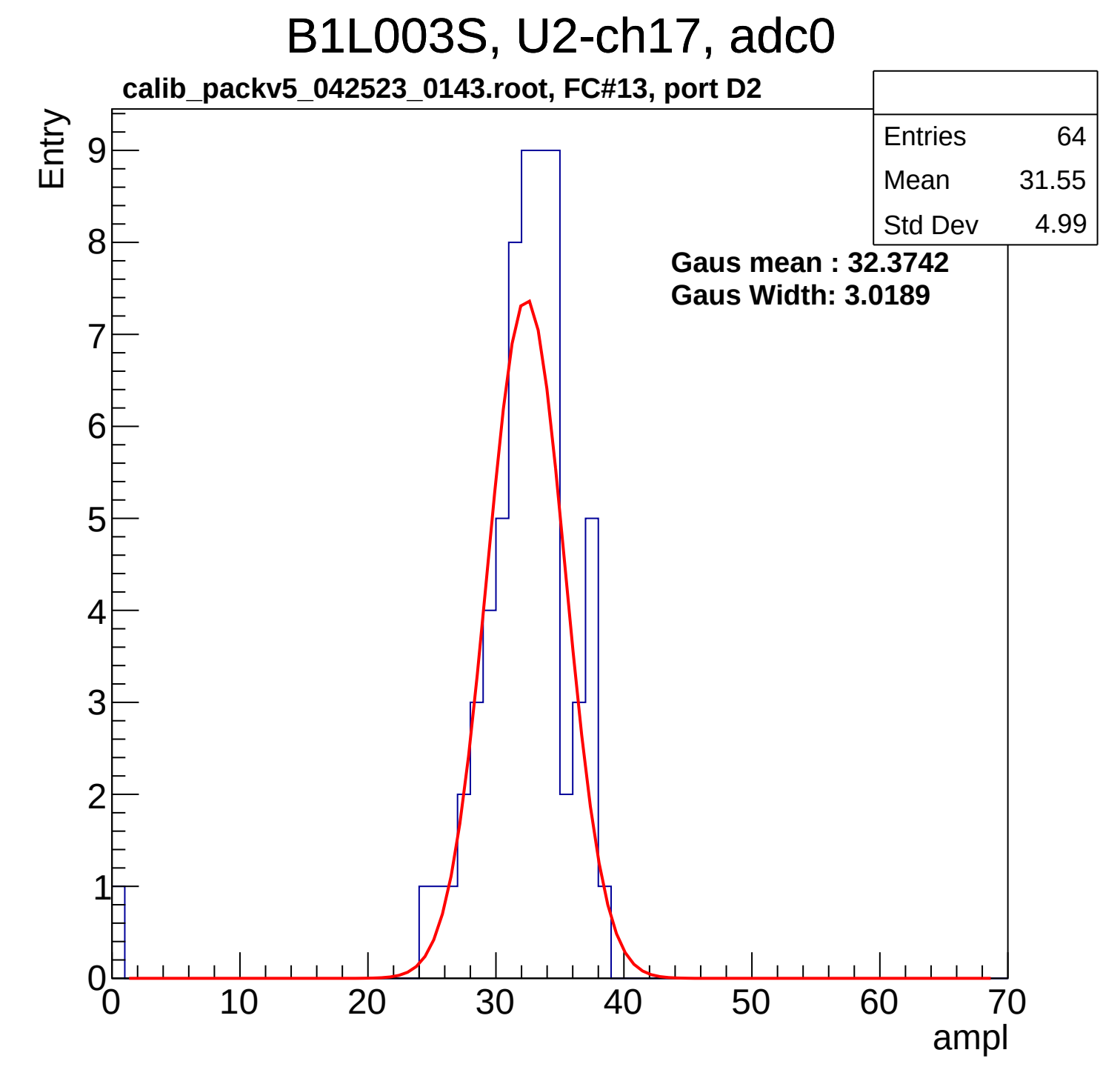
B1L003S, U2-ch17, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 31.55
Std Dev 4.99
Gaus mean : 32.3742
Gaus Width: 3.0189
Entry
ampl
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3
4
5
6
7
8
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0
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60
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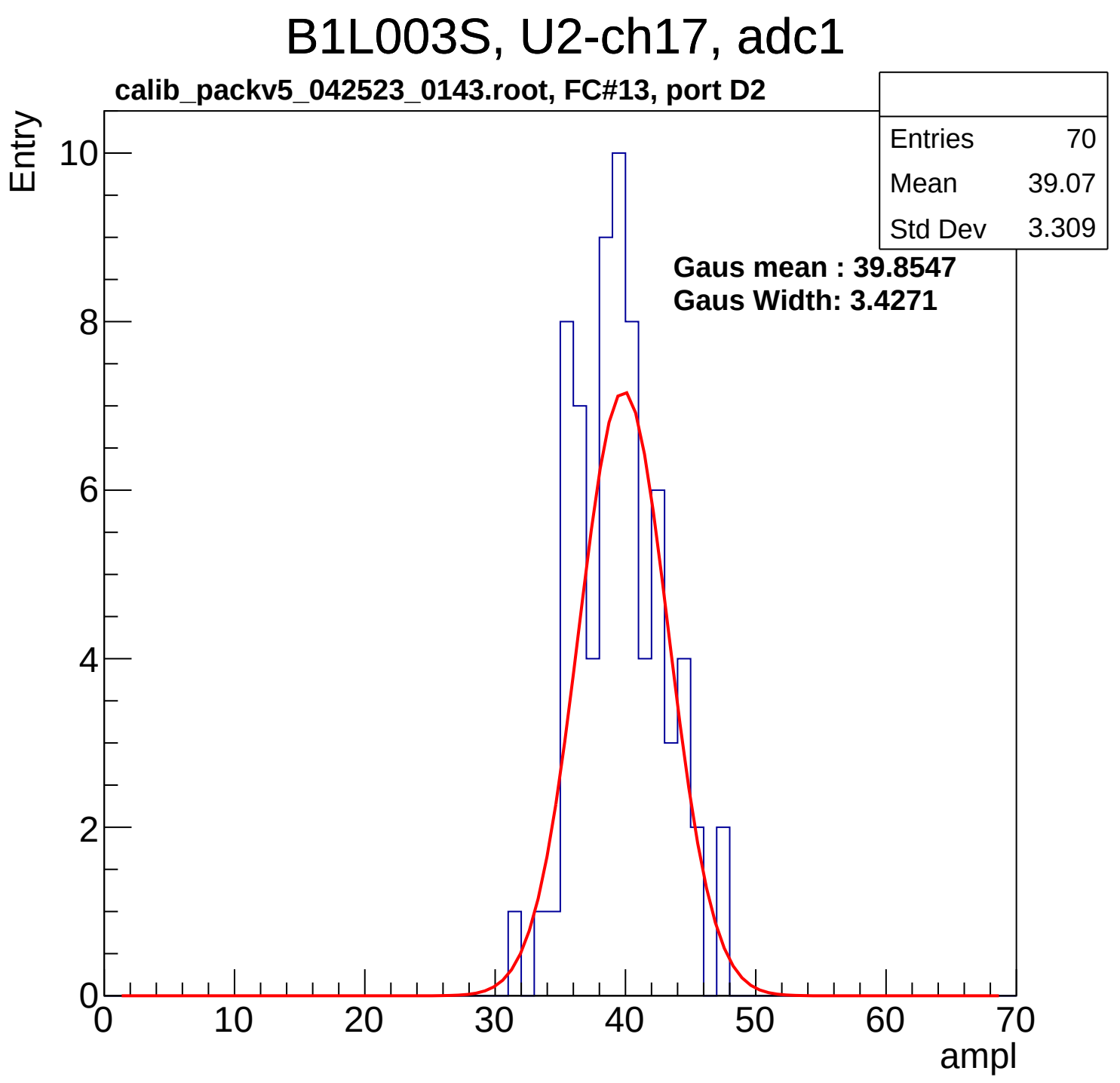
B1L003S, U2-ch17, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 39.07
Std Dev 3.309
Gaus mean : 39.8547
Gaus Width: 3.4271
Entry
ampl
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2
4
6
8
10
0
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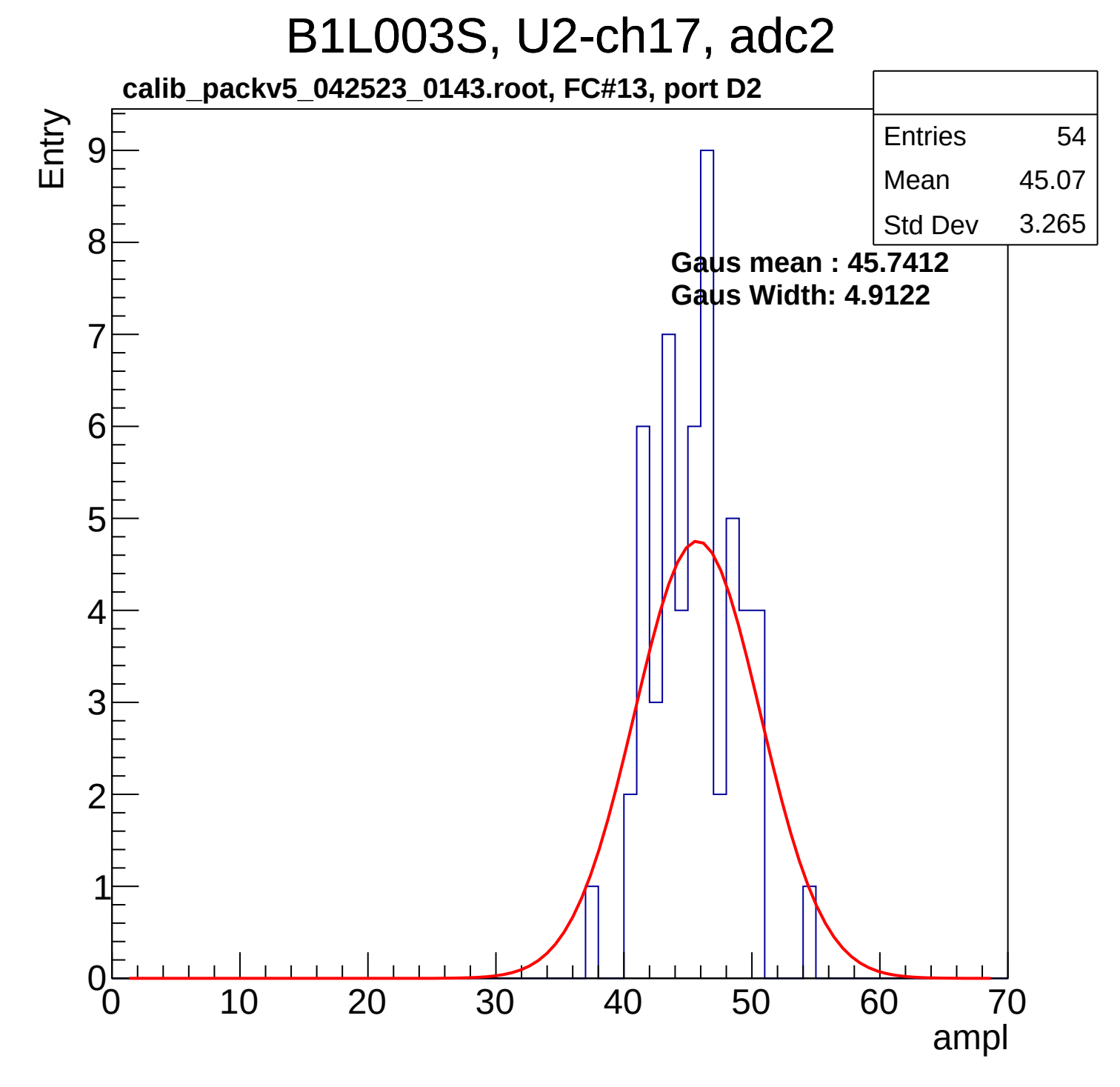
20
30
40
50
60
70


B1L003S, U2-ch17, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 45.07
Std Dev 3.265
Gaus mean : 45.7412
Gaus Width: 4.9122
Entry
ampl
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2
3
4
5
6
7
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0
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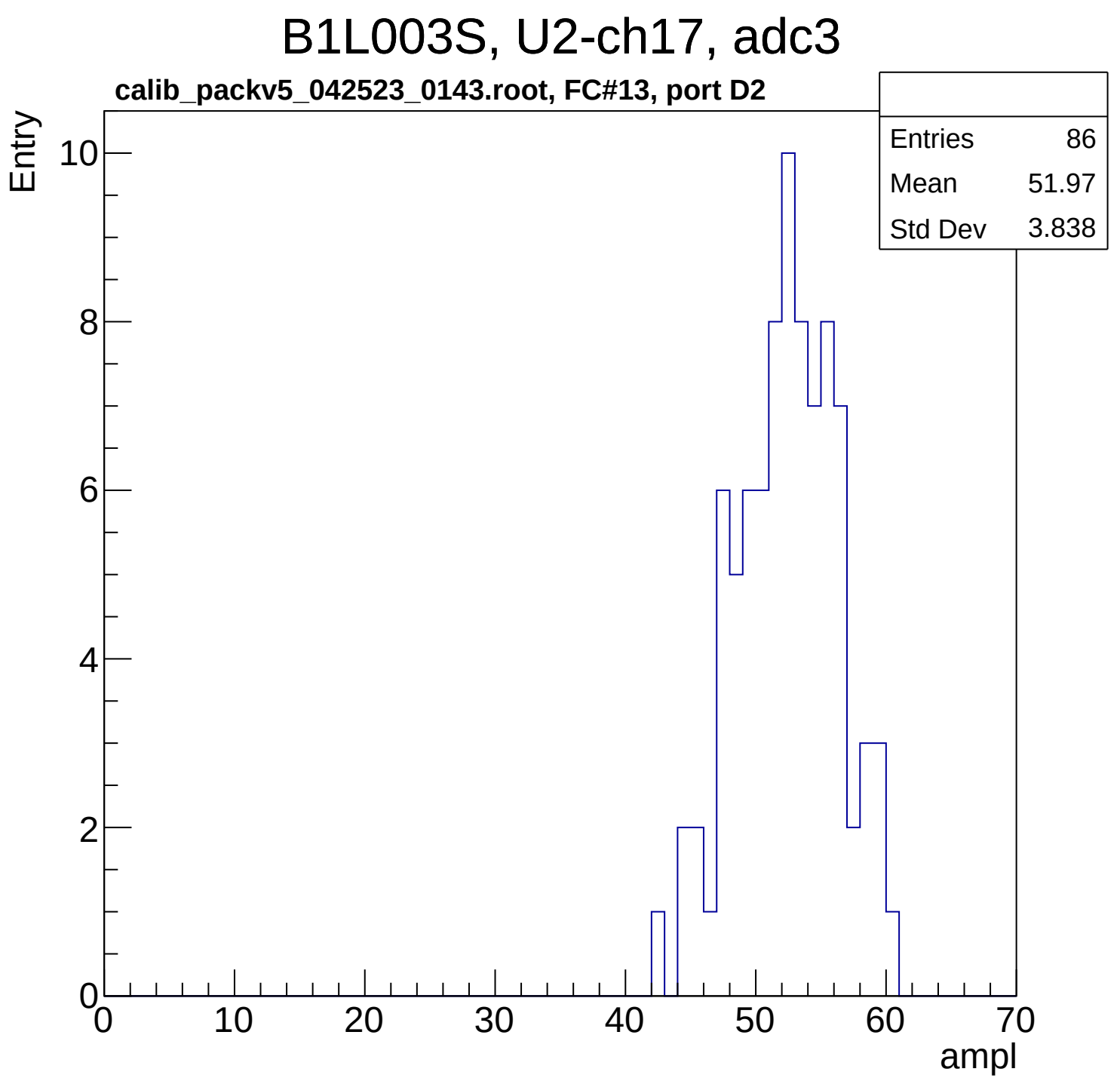
B1L003S, U2-ch17, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 86
Mean 51.97
Std Dev 3.838
Entry
ampl
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0
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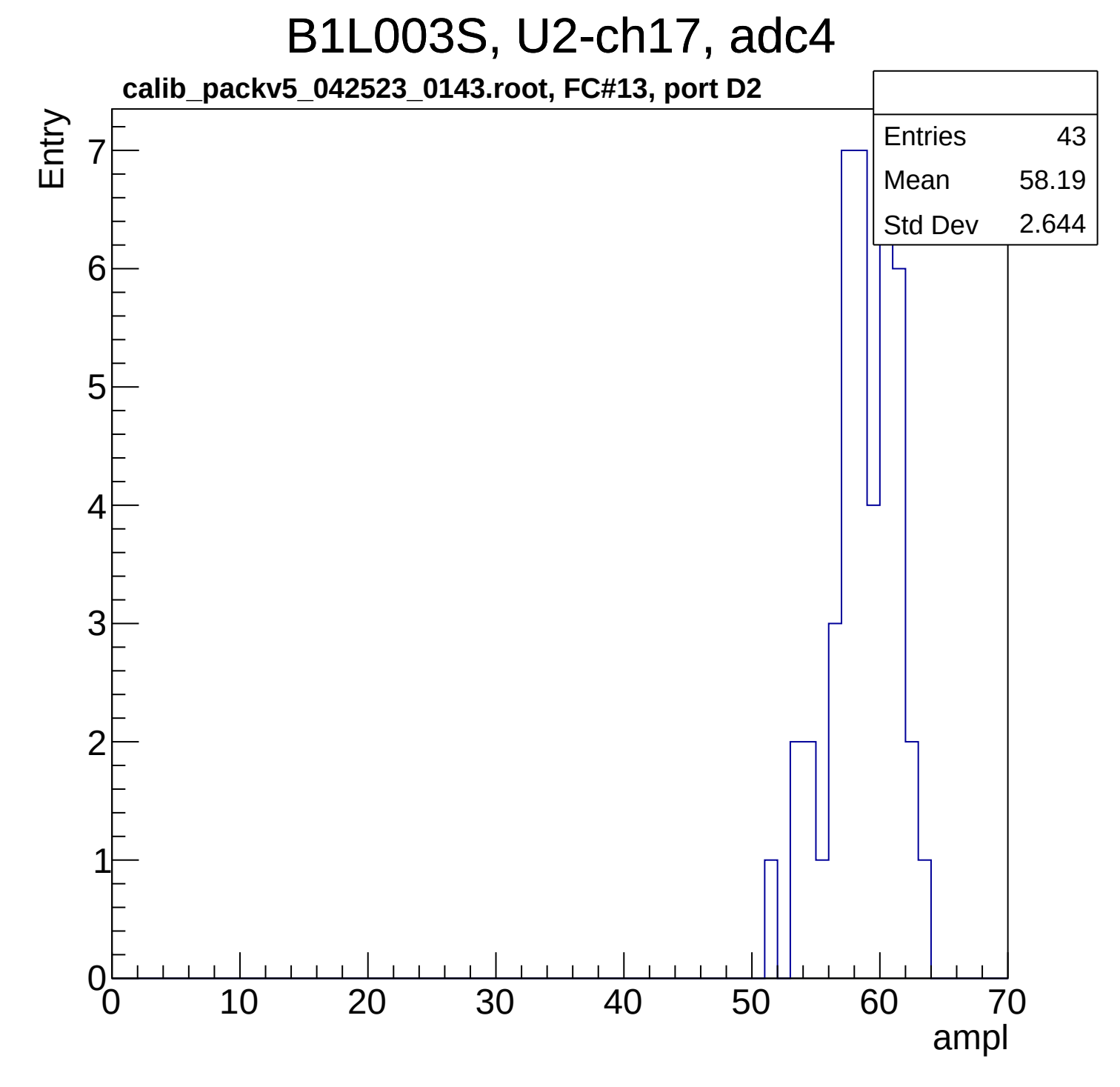
B1L003S, U2-ch17, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 58.19
Std Dev 2.644
Entry
ampl
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0
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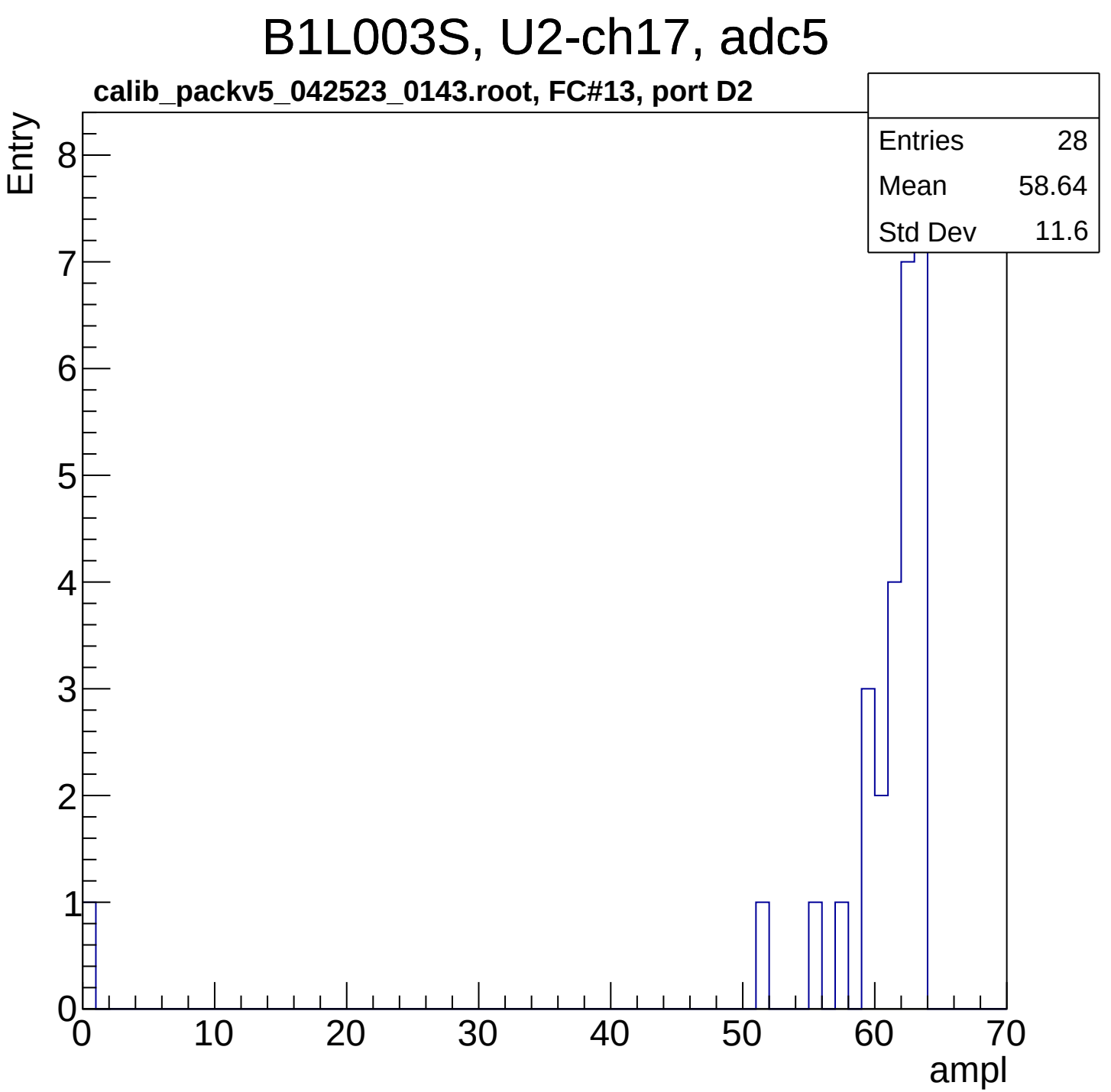
B1L003S, U2-ch17, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 28
Mean 58.64
Std Dev 11.6
Entry
ampl
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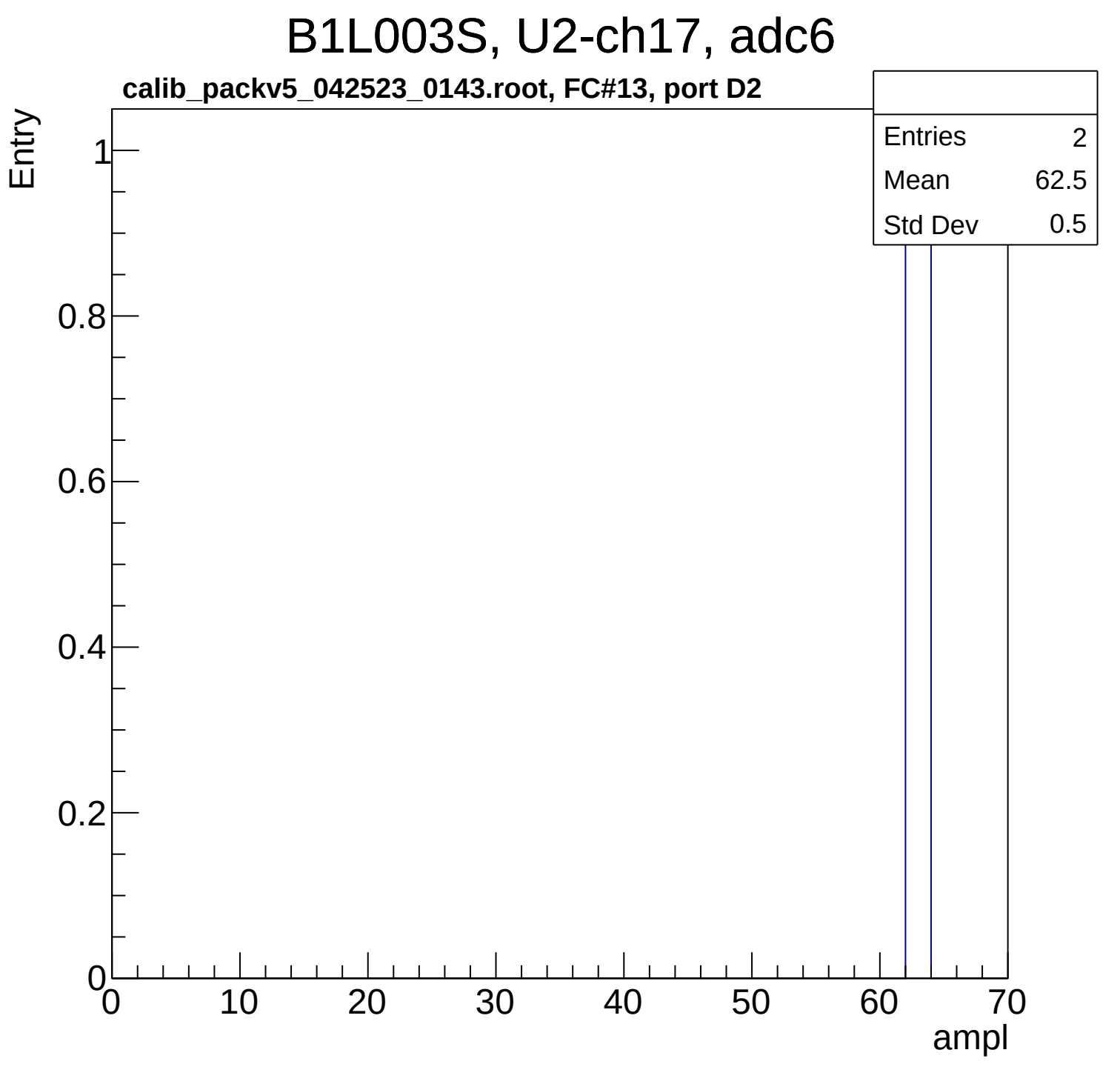
B1L003S, U2-ch17, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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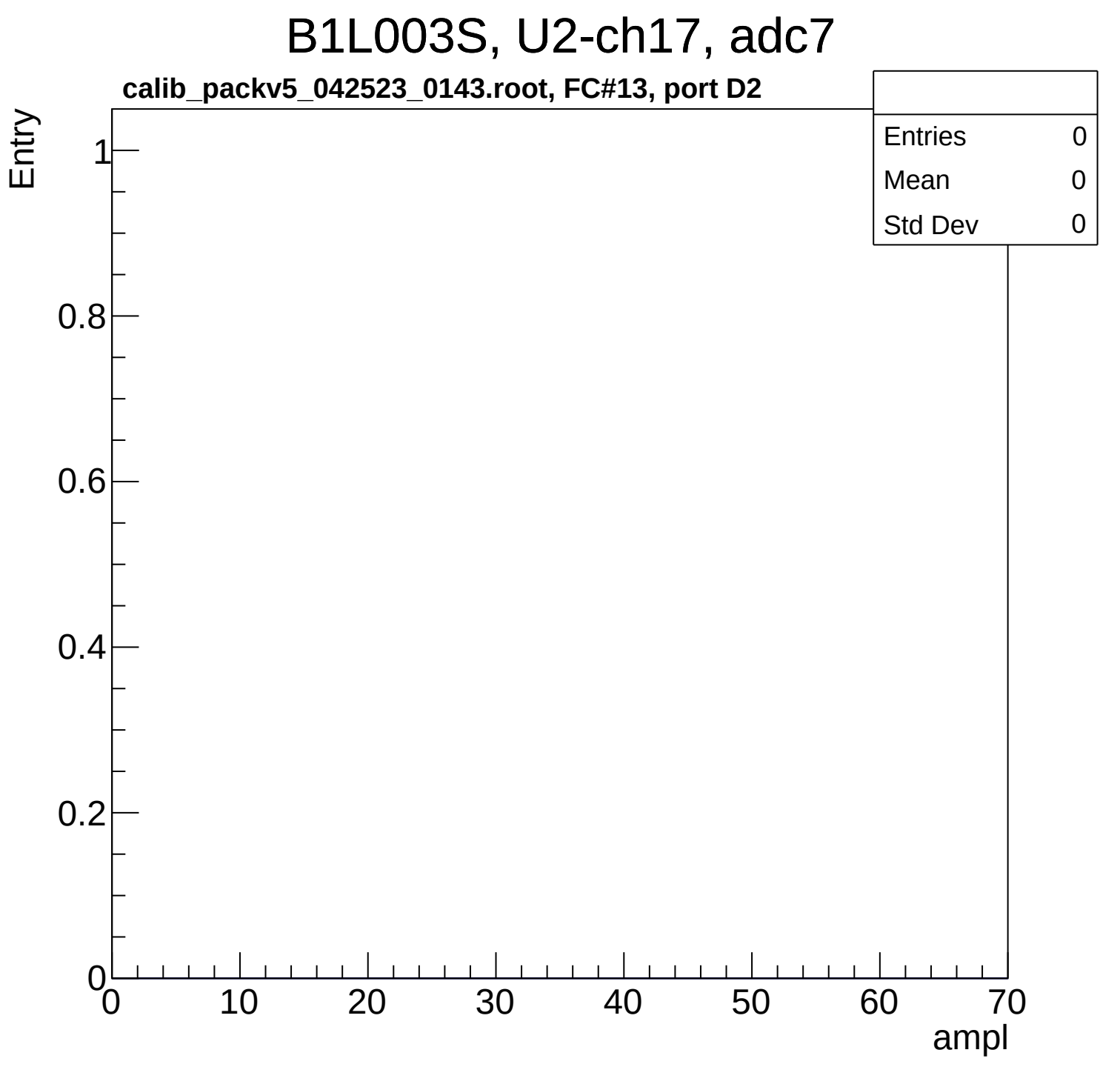
60
70
ampl


B1L003S, U2-ch17, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.4
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10
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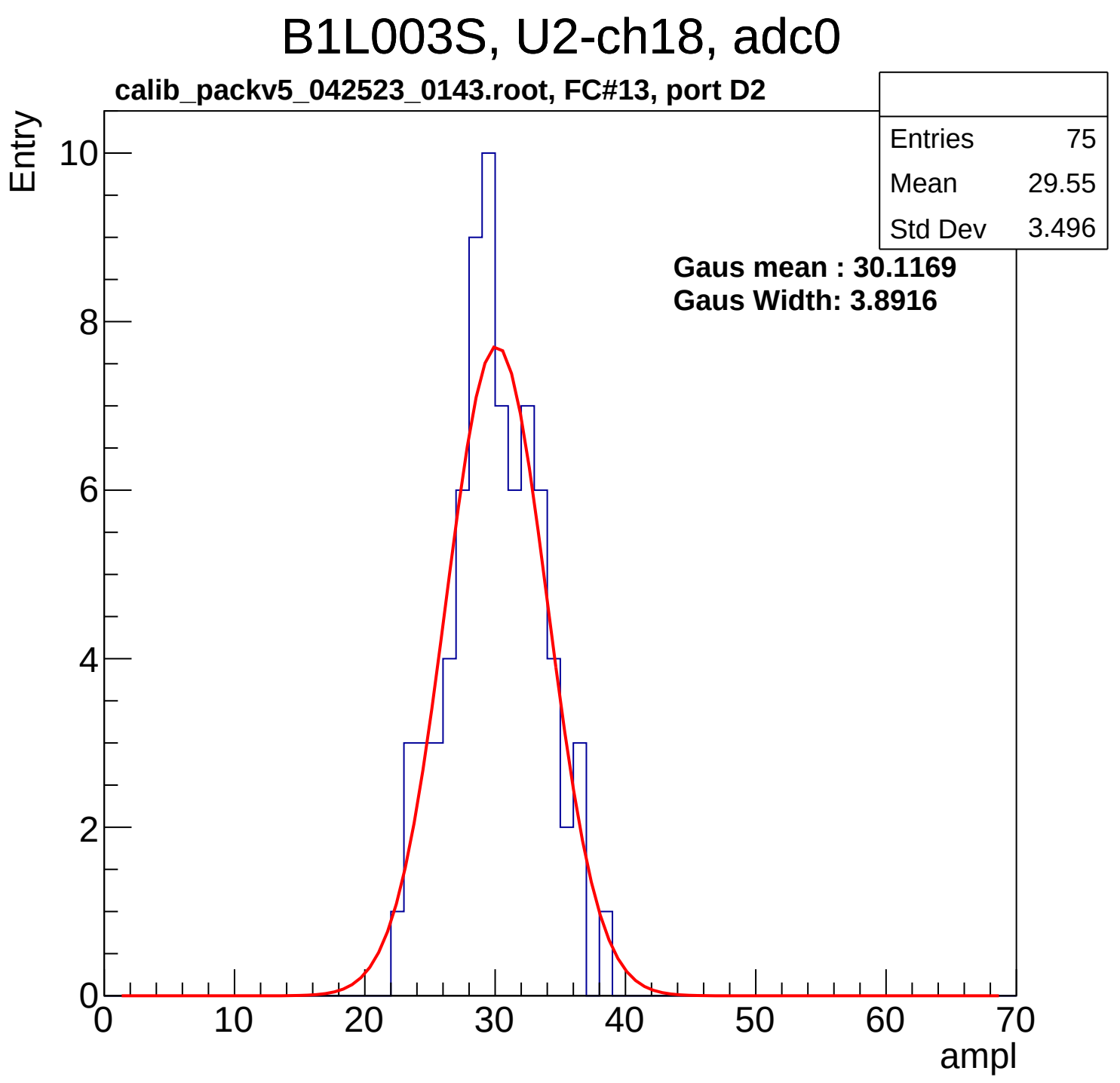
70
ampl


B1L003S, U2-ch18, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 29.55
Std Dev 3.496
Gaus mean : 30.1169
Gaus Width: 3.8916
Entry
ampl
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8
10
0
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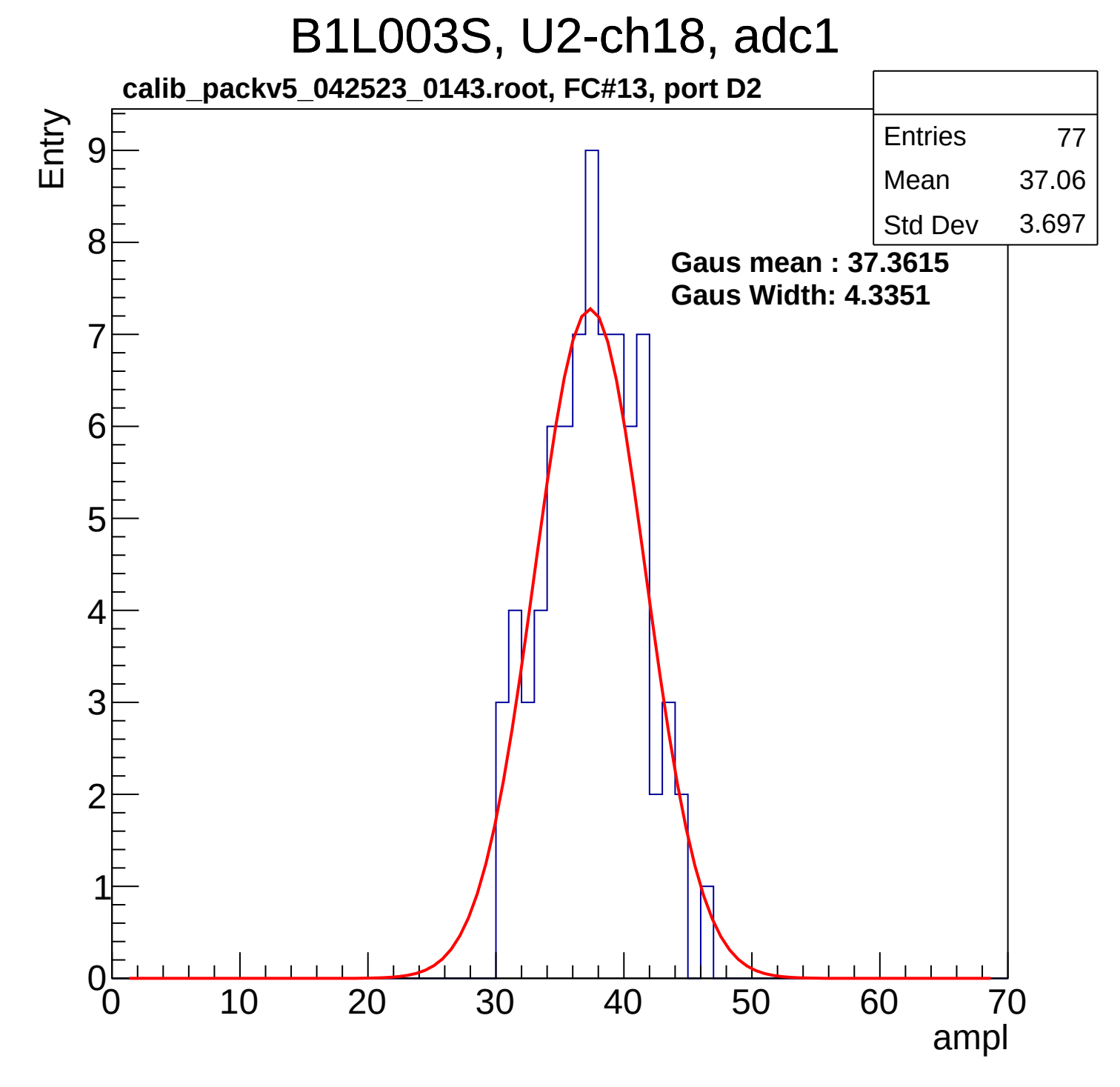
20
30
40
50
60
70


B1L003S, U2-ch18, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 37.06
Std Dev 3.697
Gaus mean : 37.3615
Gaus Width: 4.3351
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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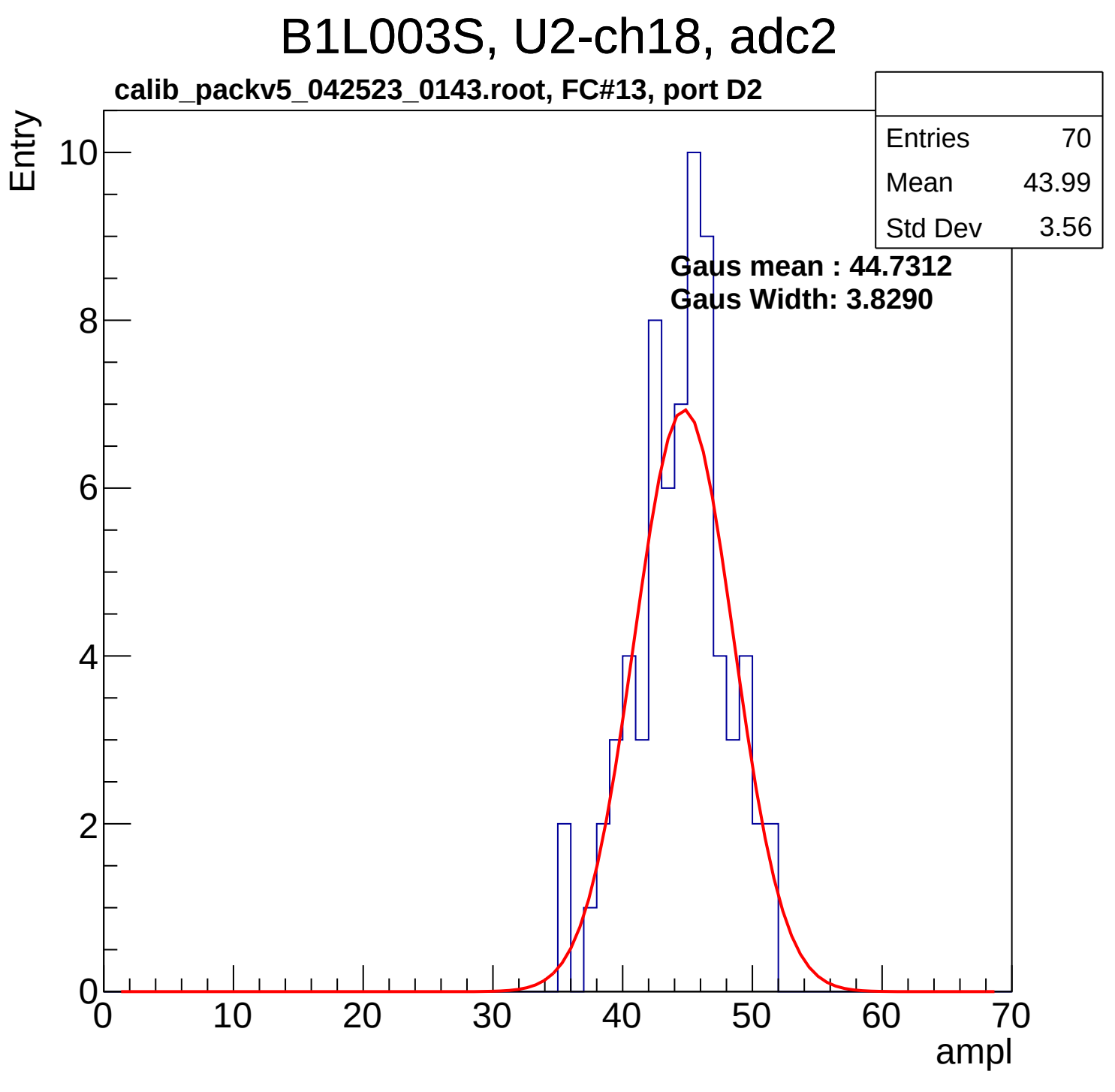
B1L003S, U2-ch18, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 43.99
Std Dev 3.56
Gaus mean : 44.7312
Gaus Width: 3.8290
Entry
ampl
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2
4
6
8
10
0
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40
50
60
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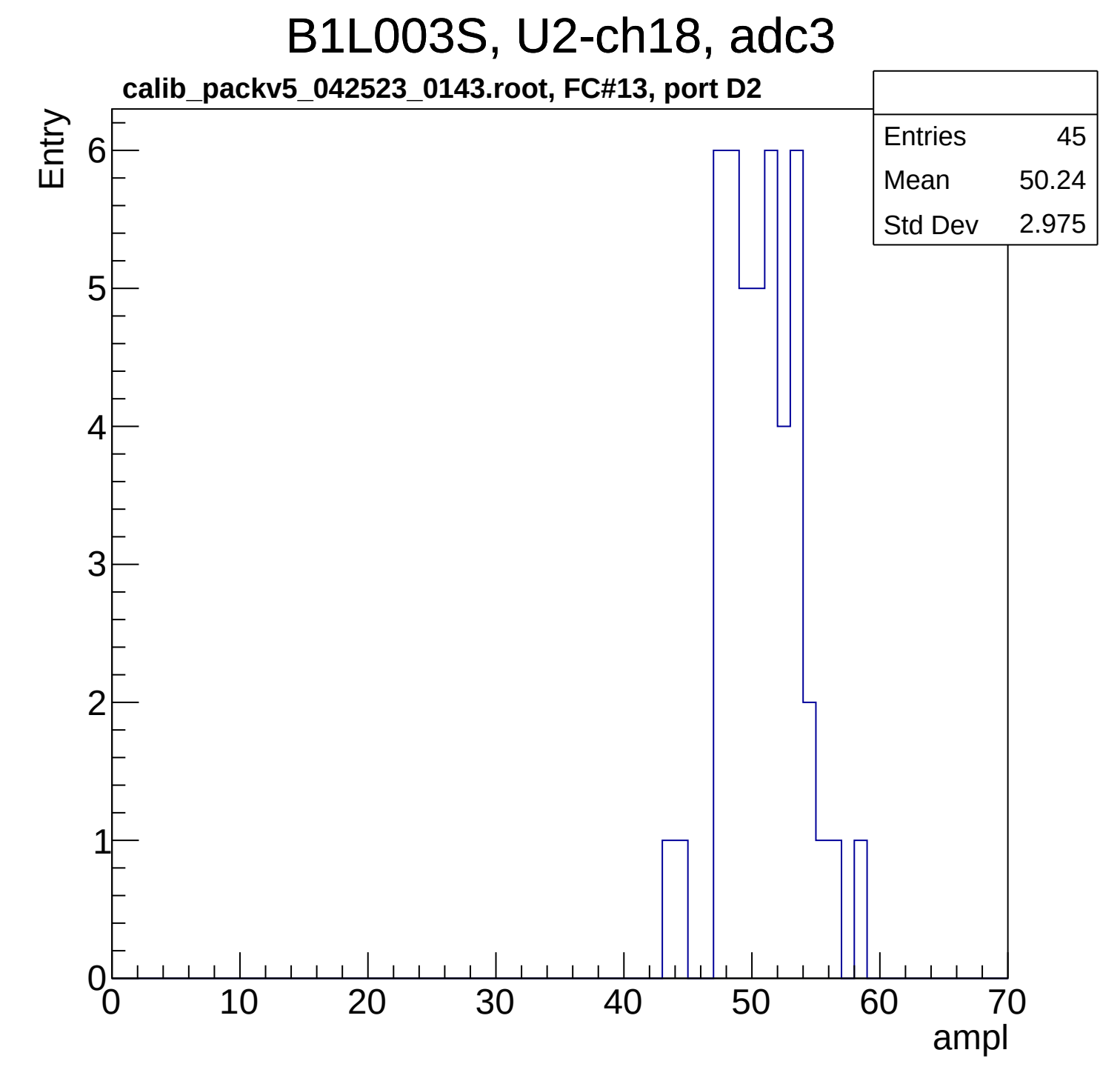
B1L003S, U2-ch18, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 50.24
Std Dev 2.975
Entry
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4
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6
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30
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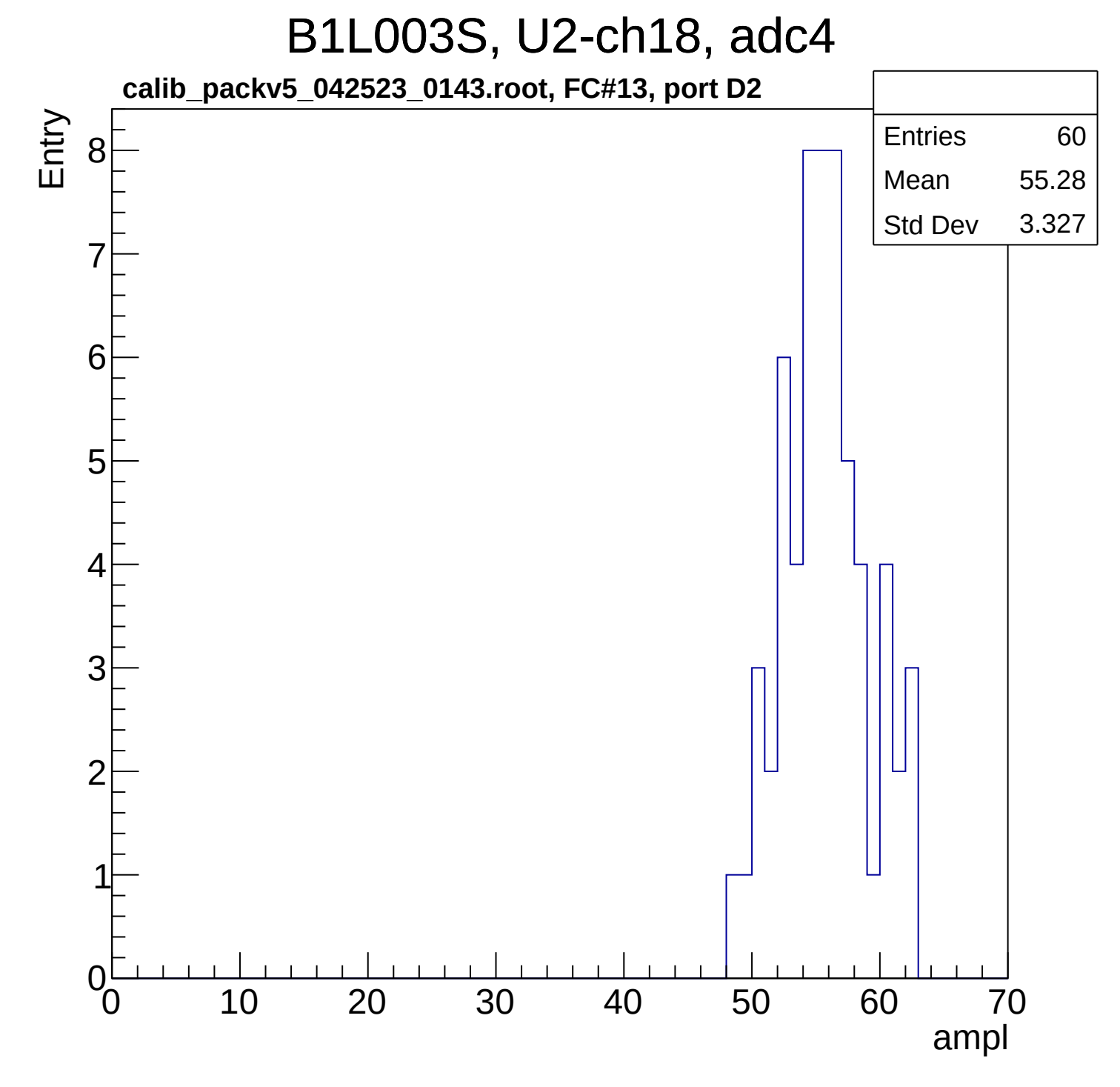
70
ampl


B1L003S, U2-ch18, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 55.28
Std Dev 3.327
Entry
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3
4
5
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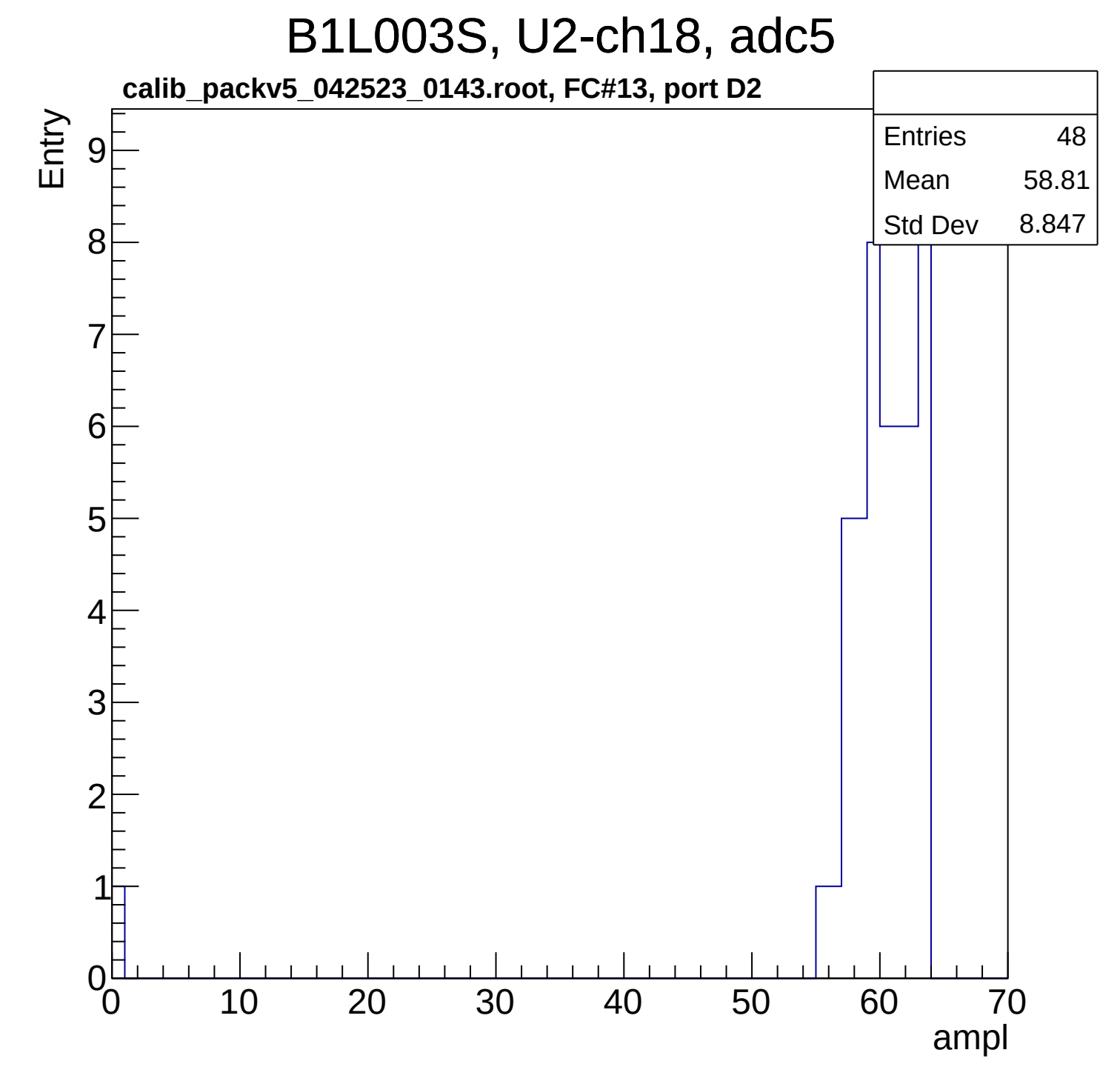
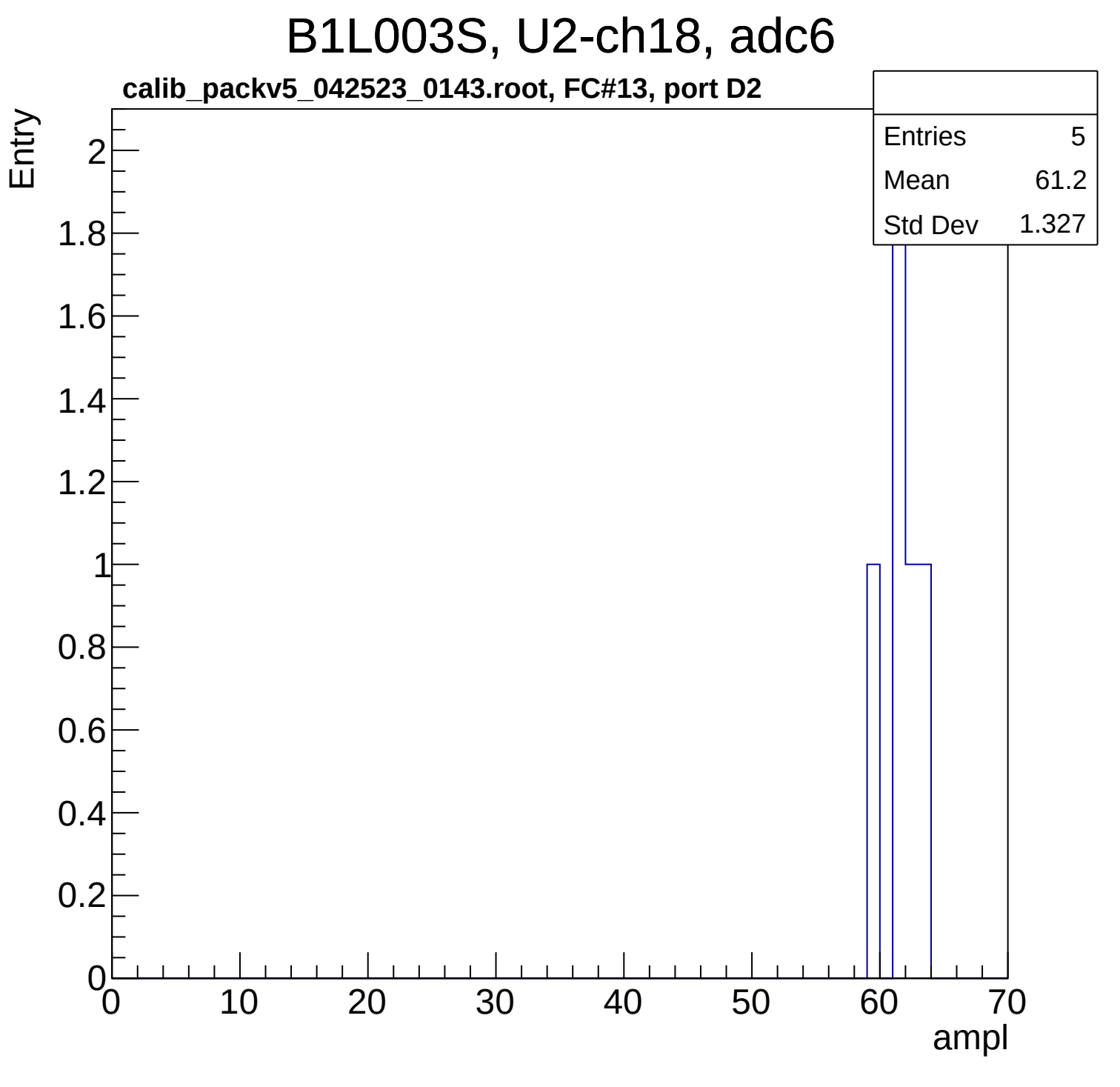
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch18, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 58.81
Std Dev 8.847
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch18, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.2
Std Dev 1.327
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
10
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60
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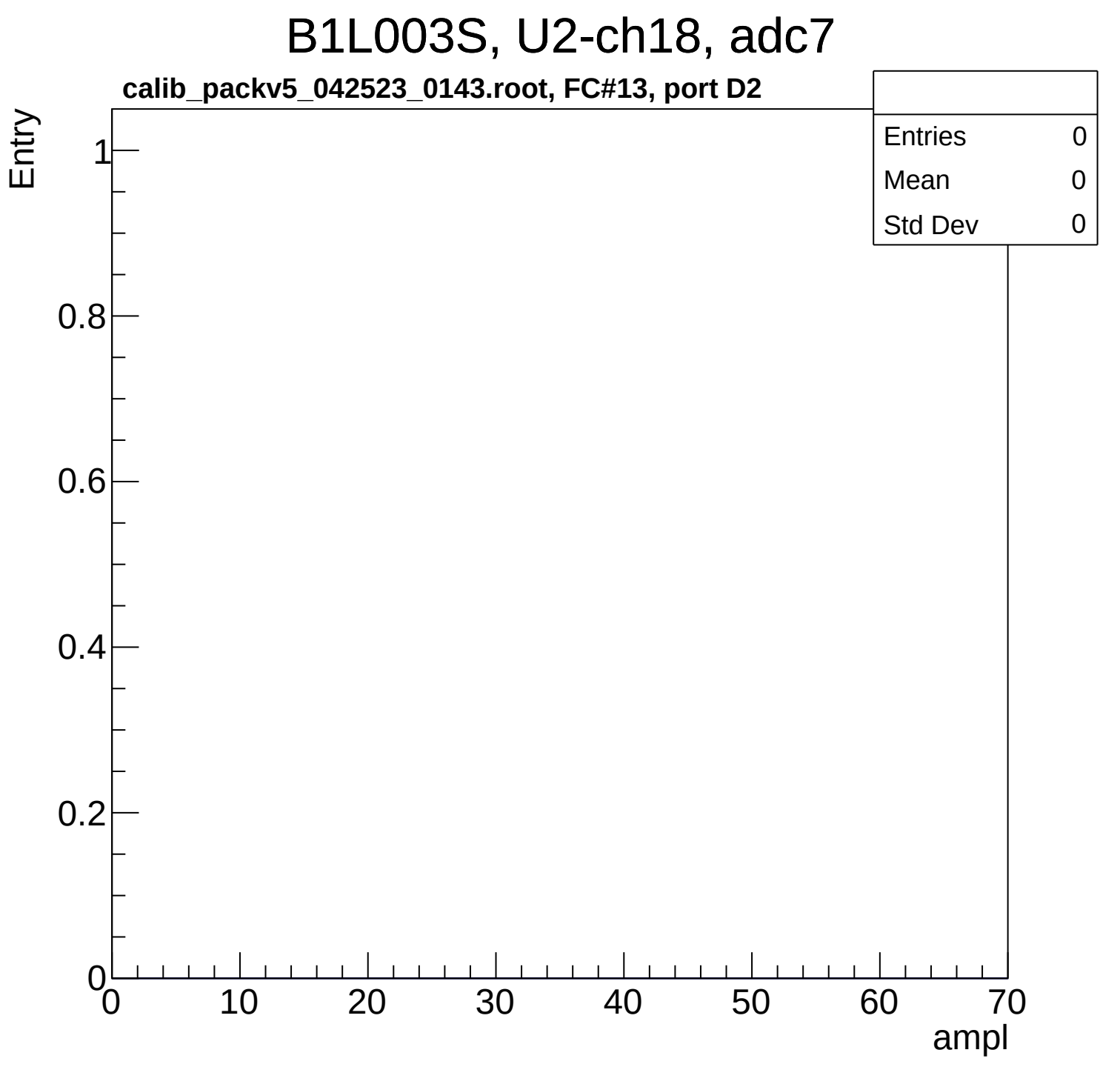
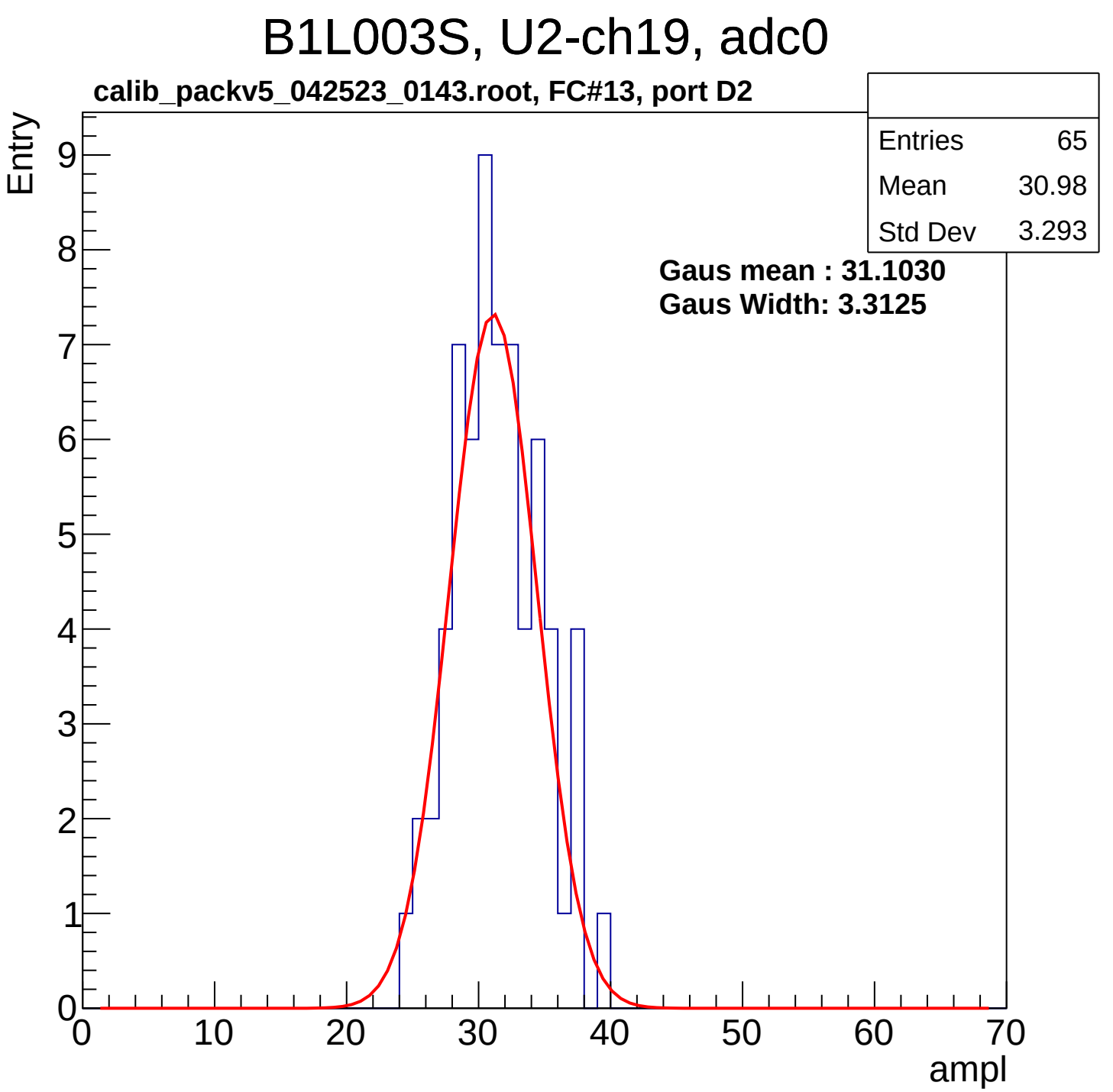
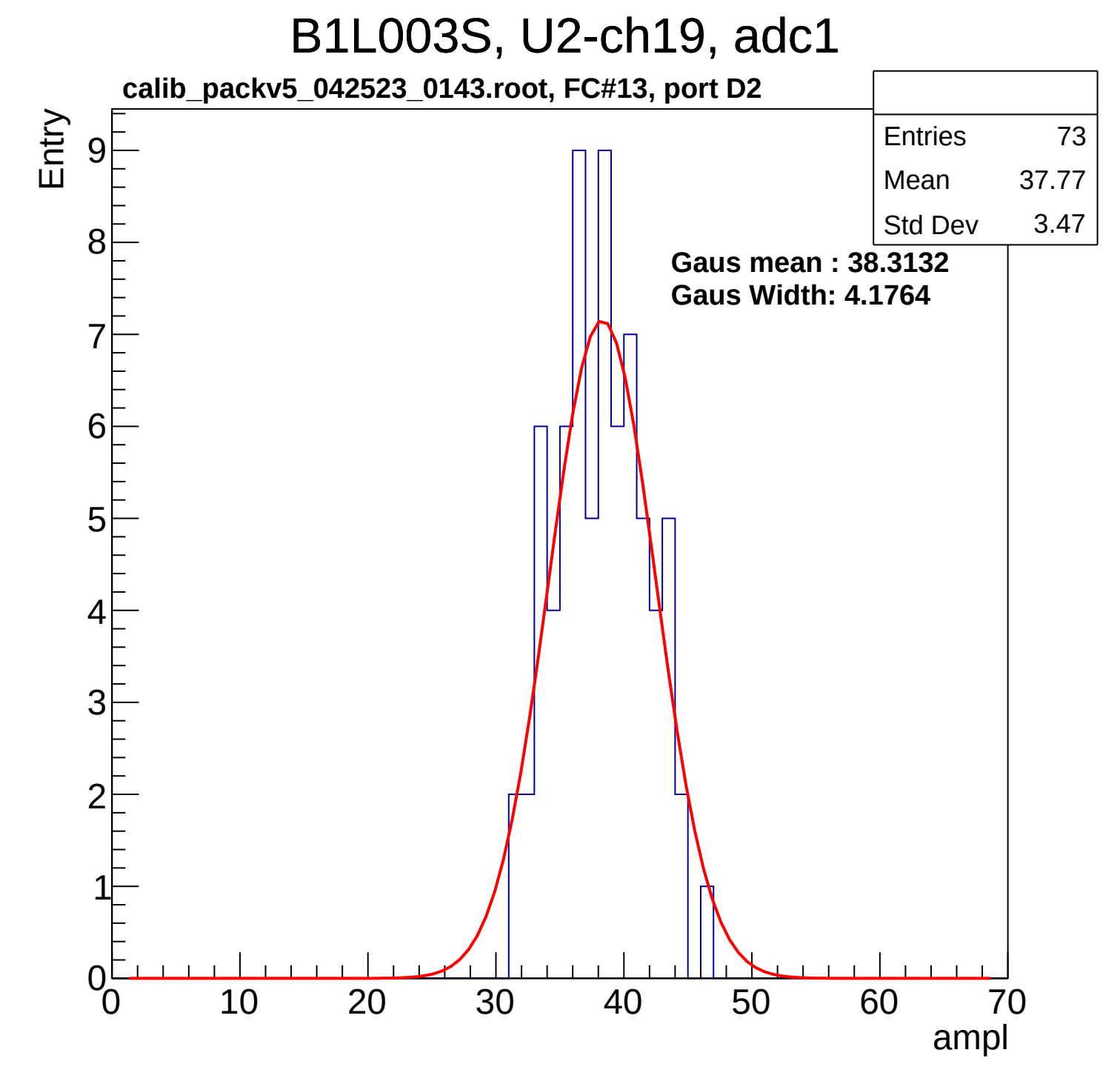

B1L003S, U2-ch18, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch19, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 30.98
Std Dev 3.293
Gaus mean : 31.1030
Gaus Width: 3.3125
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U2-ch19, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 37.77
Std Dev 3.47
Gaus mean : 38.3132
Gaus Width: 4.1764
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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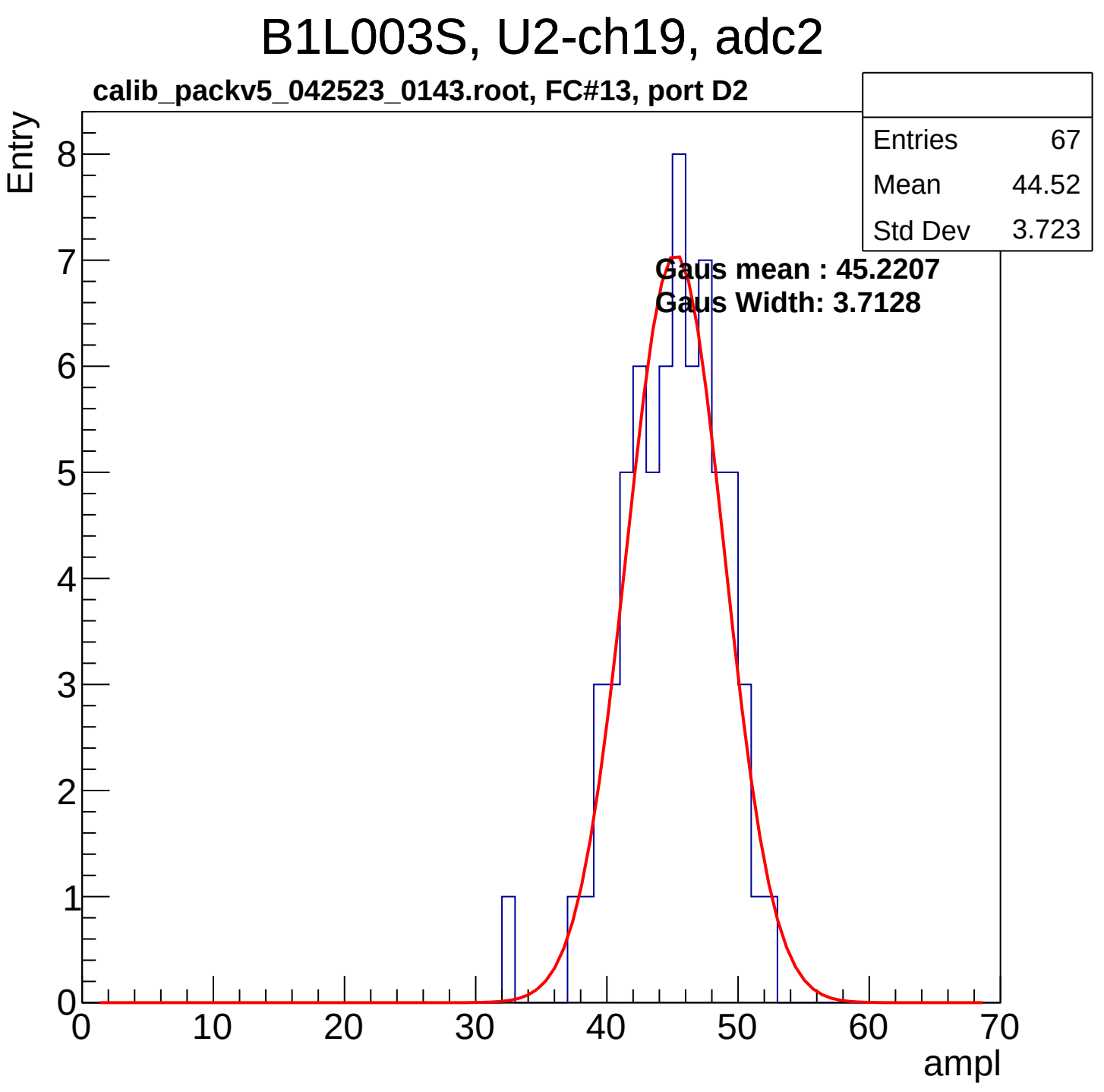
B1L003S, U2-ch19, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 44.52
Std Dev 3.723
Gaus mean : 45.2207
Gaus Width: 3.7128
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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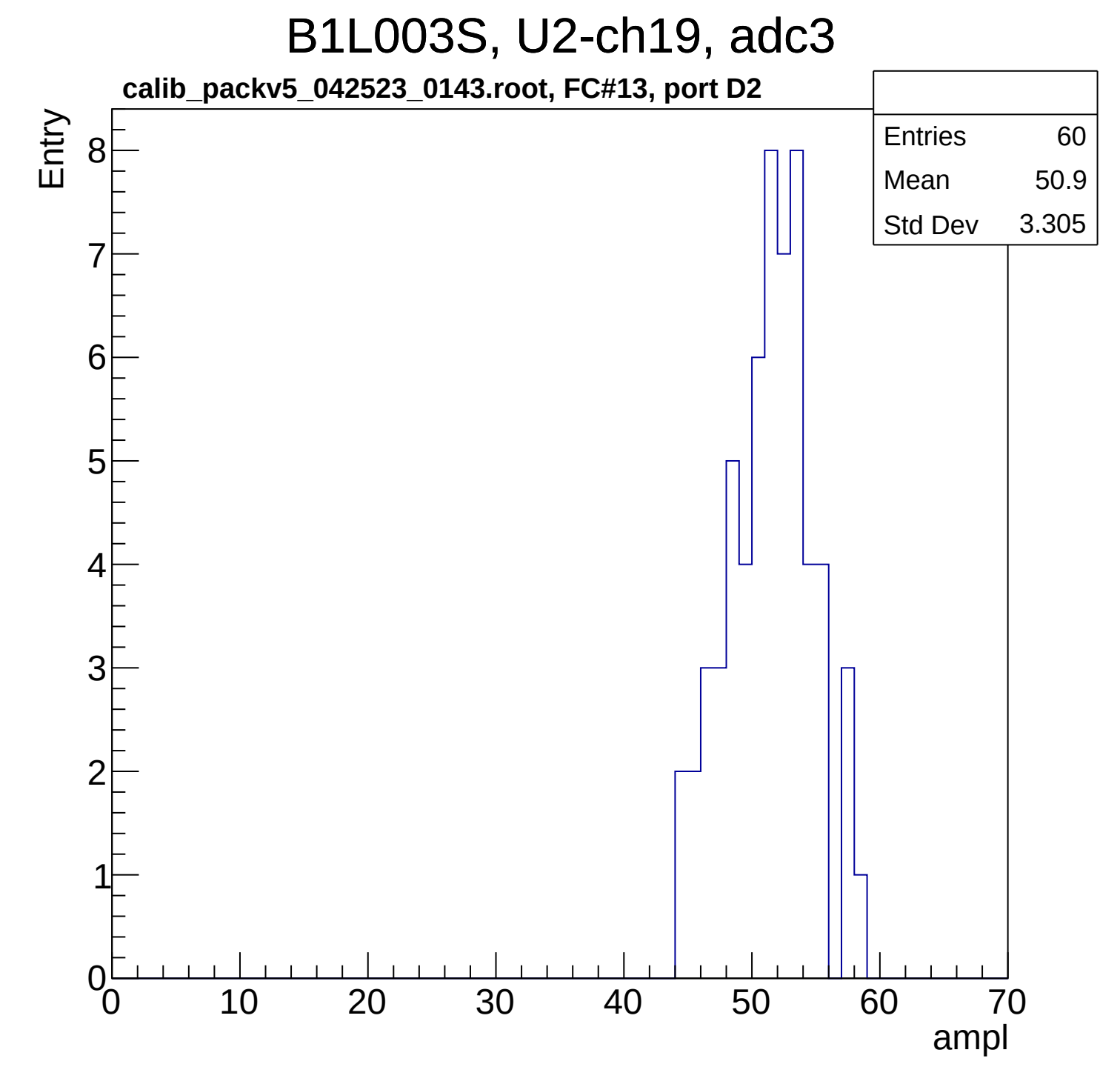
B1L003S, U2-ch19, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 50.9
Std Dev 3.305
Entry
ampl
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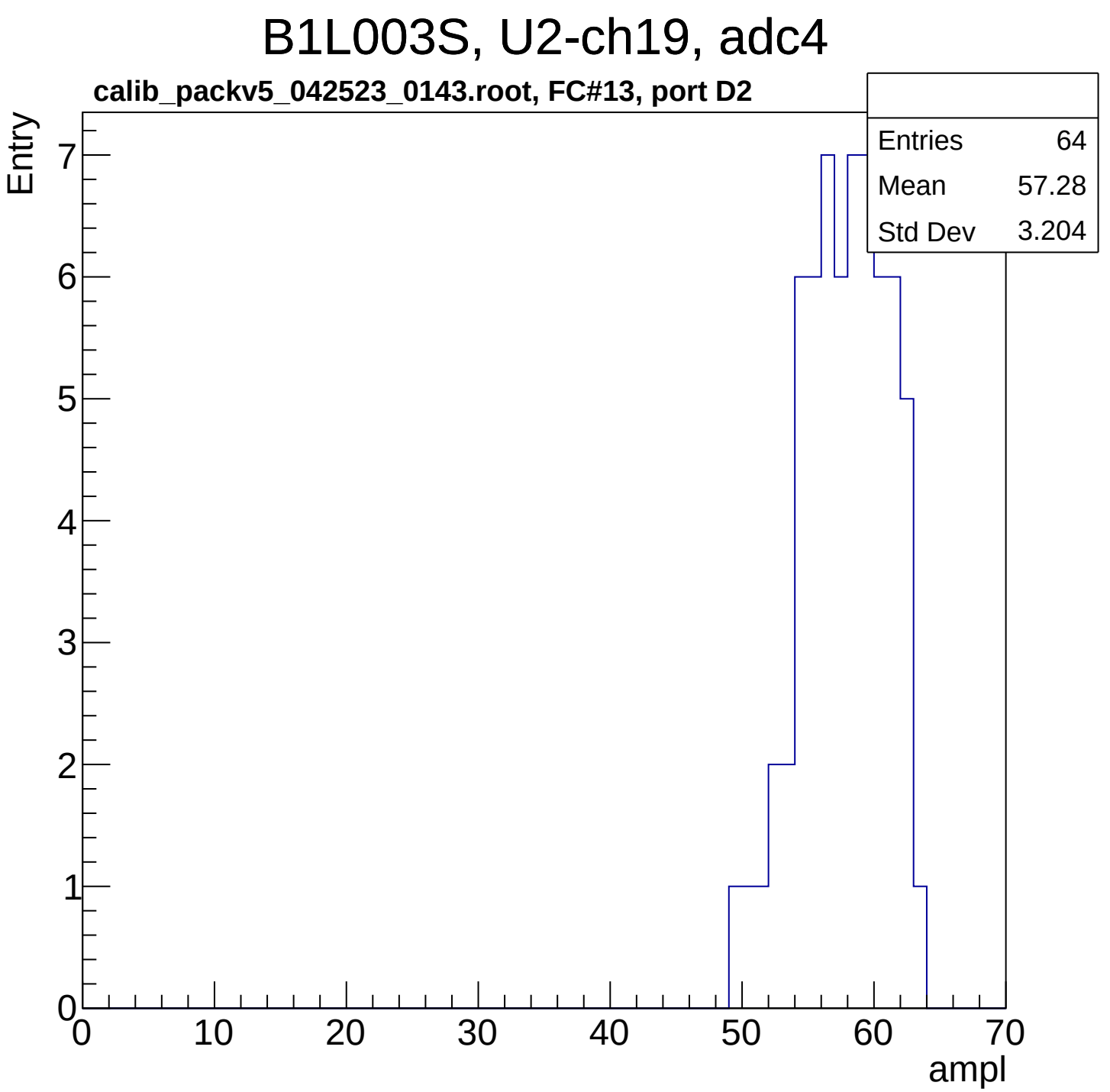
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch19, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 57.28
Std Dev 3.204
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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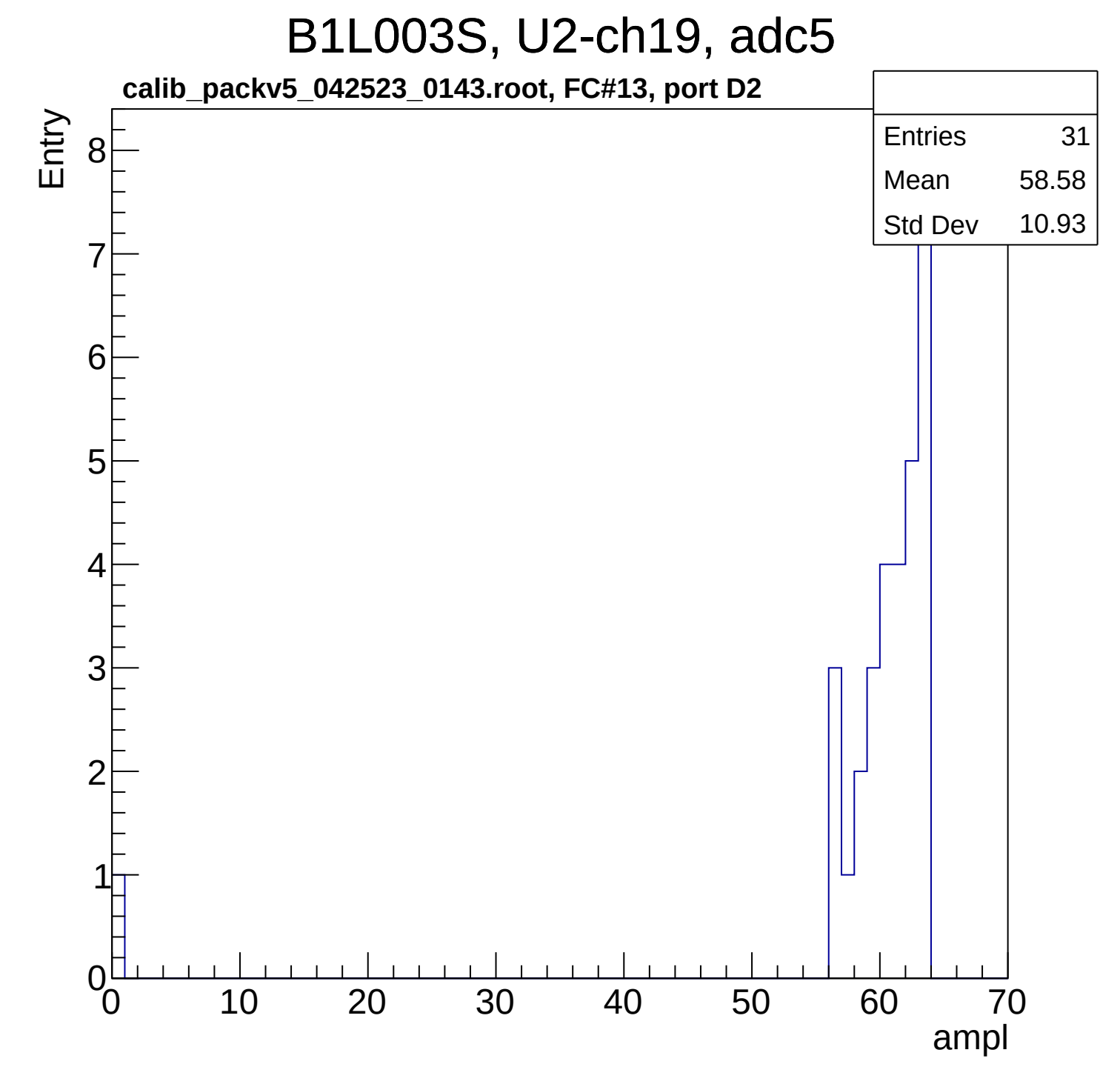
B1L003S, U2-ch19, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 31
Mean 58.58
Std Dev 10.93
Entry
ampl
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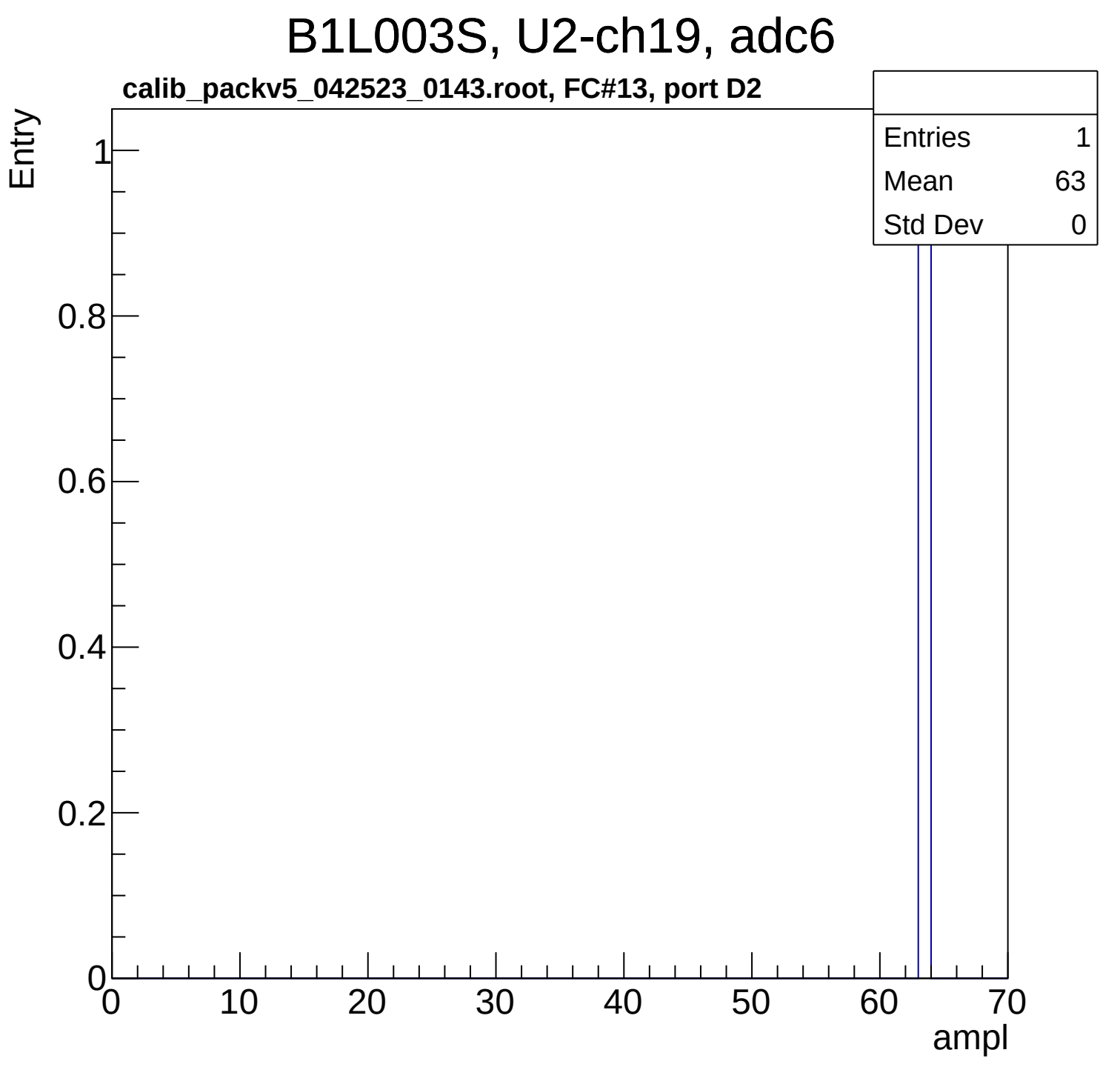
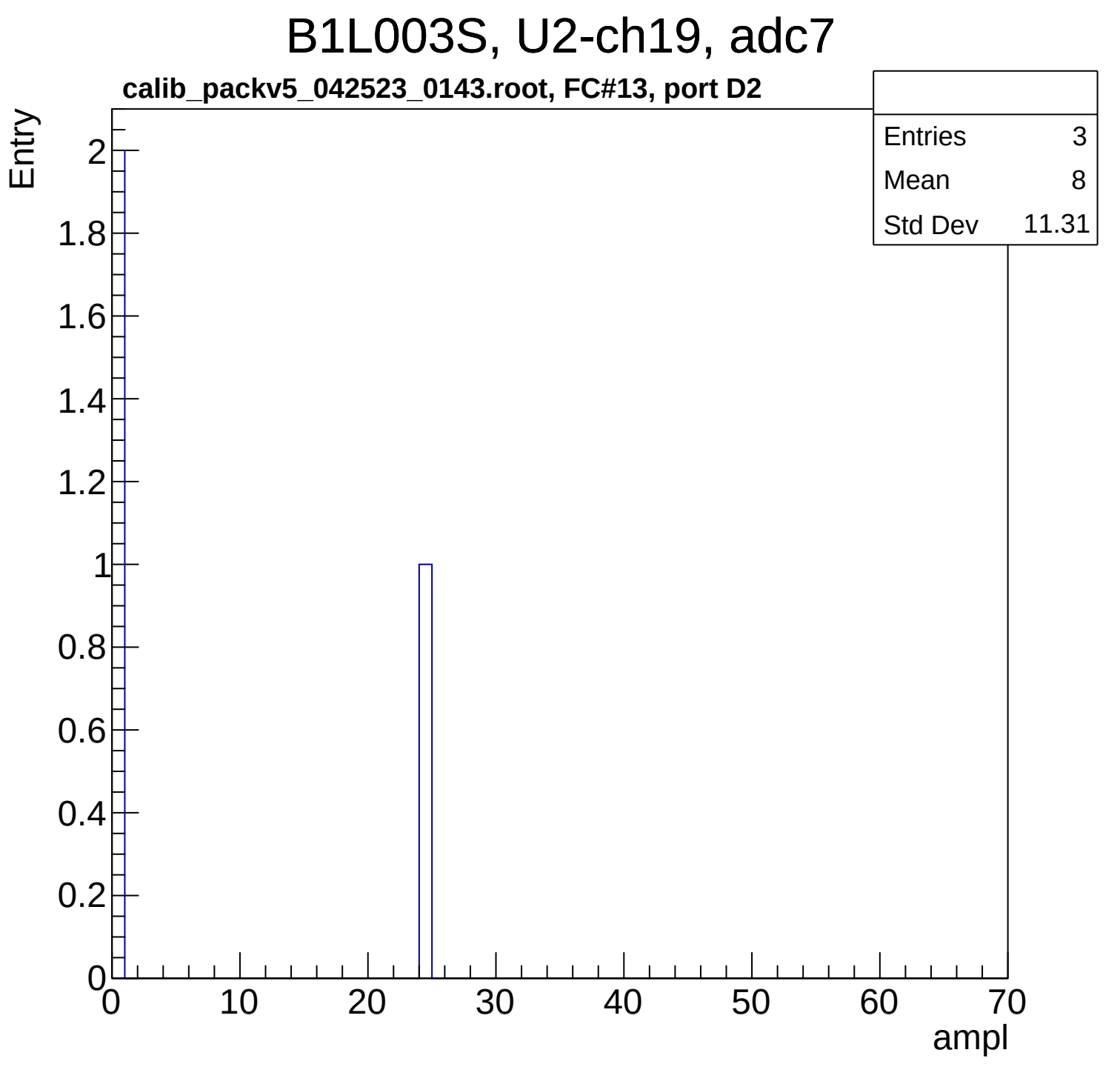
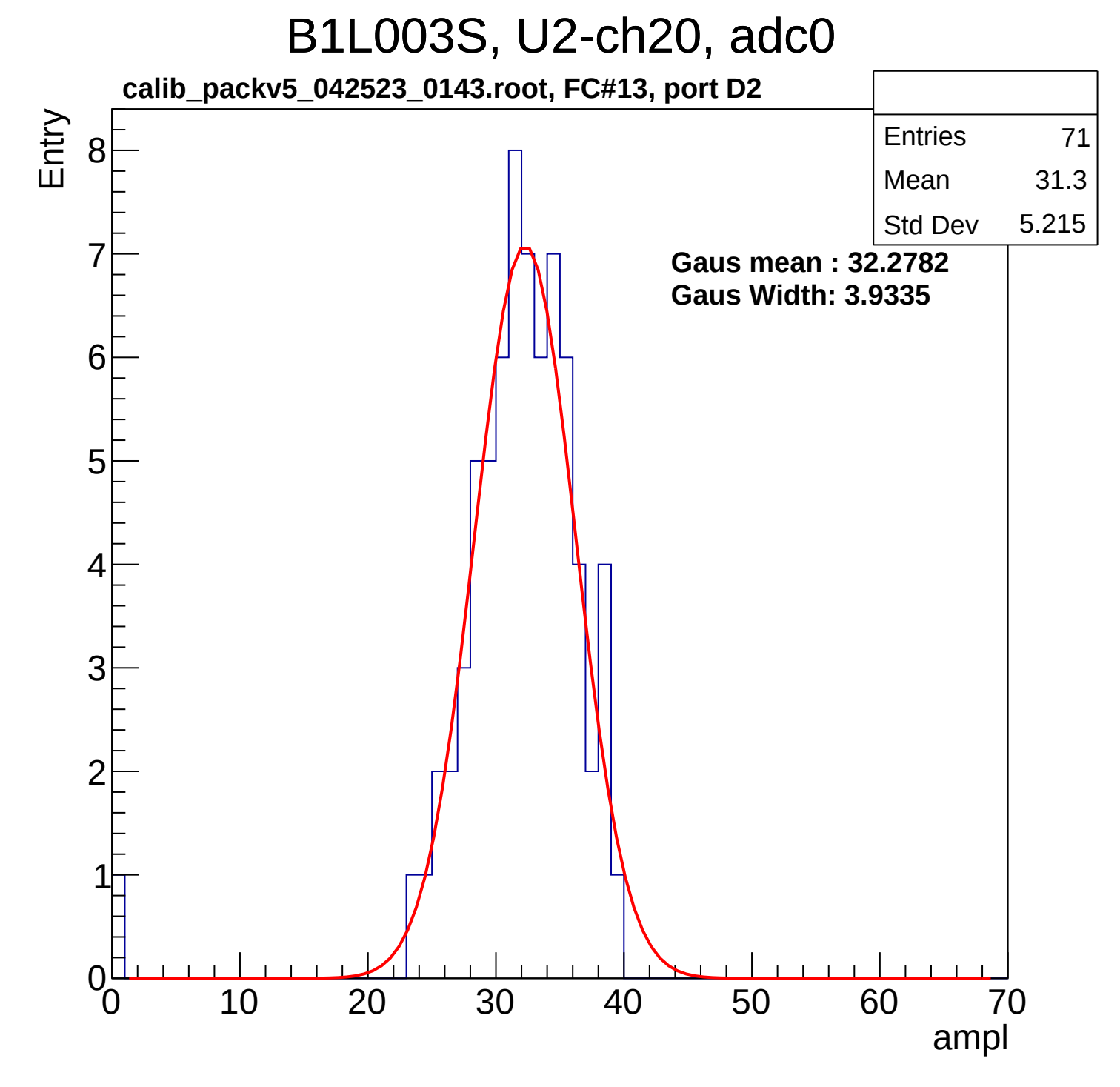
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch19, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch19, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 8
Std Dev 11.31
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U2-ch20, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 31.3
Std Dev 5.215
Gaus mean : 32.2782
Gaus Width: 3.9335
Entry
ampl
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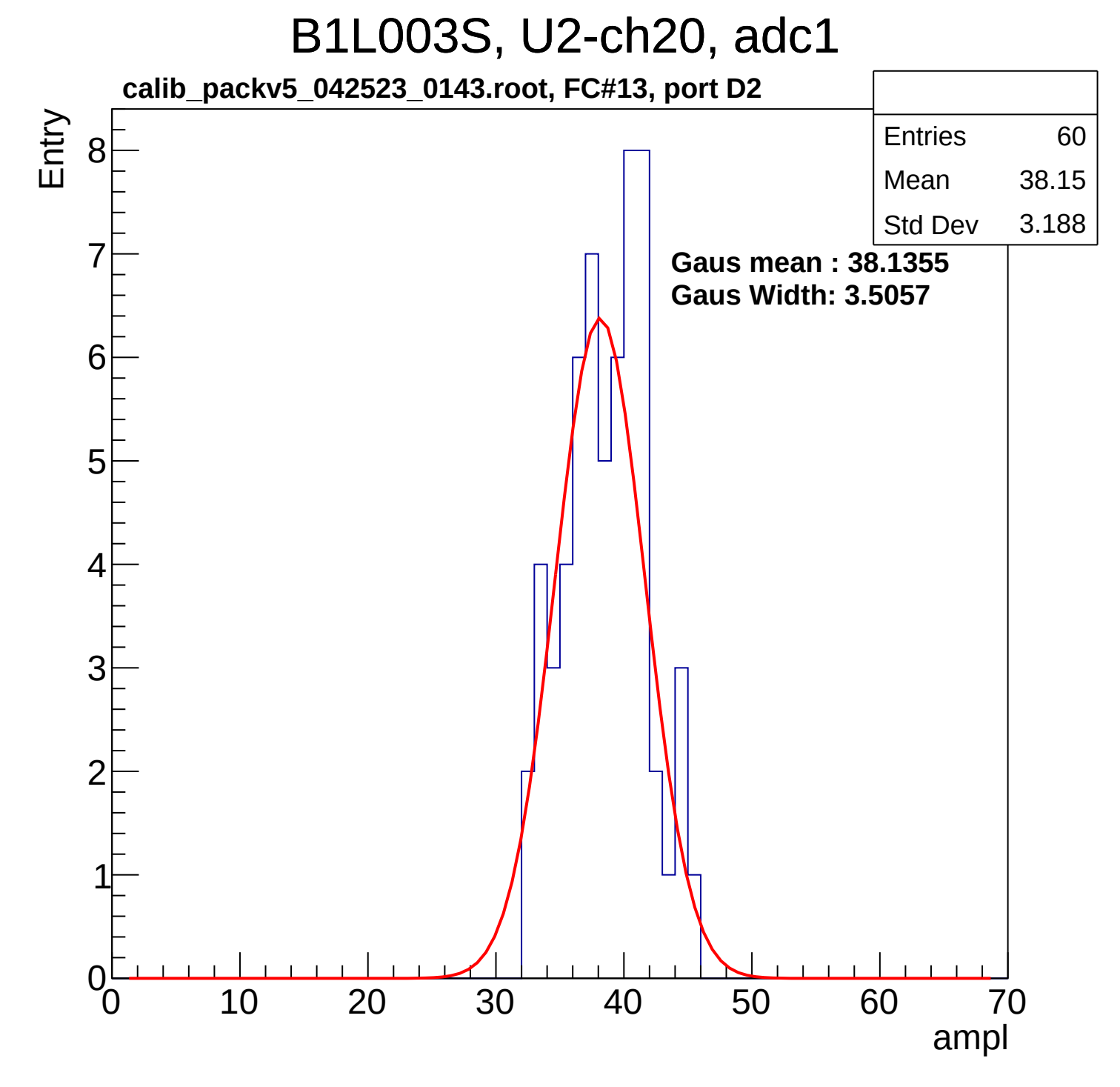
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch20, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 38.15
Std Dev 3.188
Gaus mean : 38.1355
Gaus Width: 3.5057
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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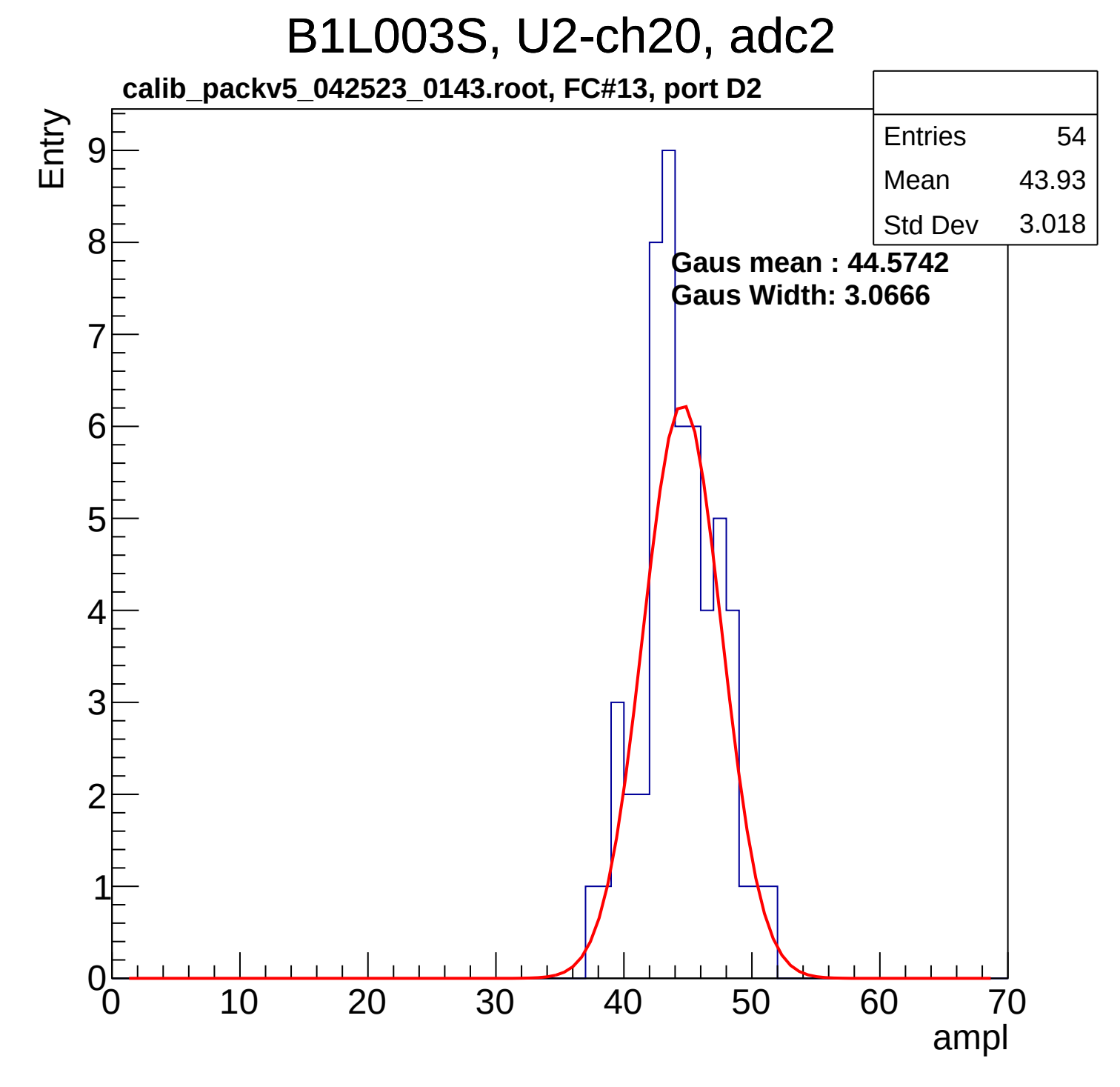
B1L003S, U2-ch20, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 43.93
Std Dev 3.018
Gaus mean : 44.5742
Gaus Width: 3.0666
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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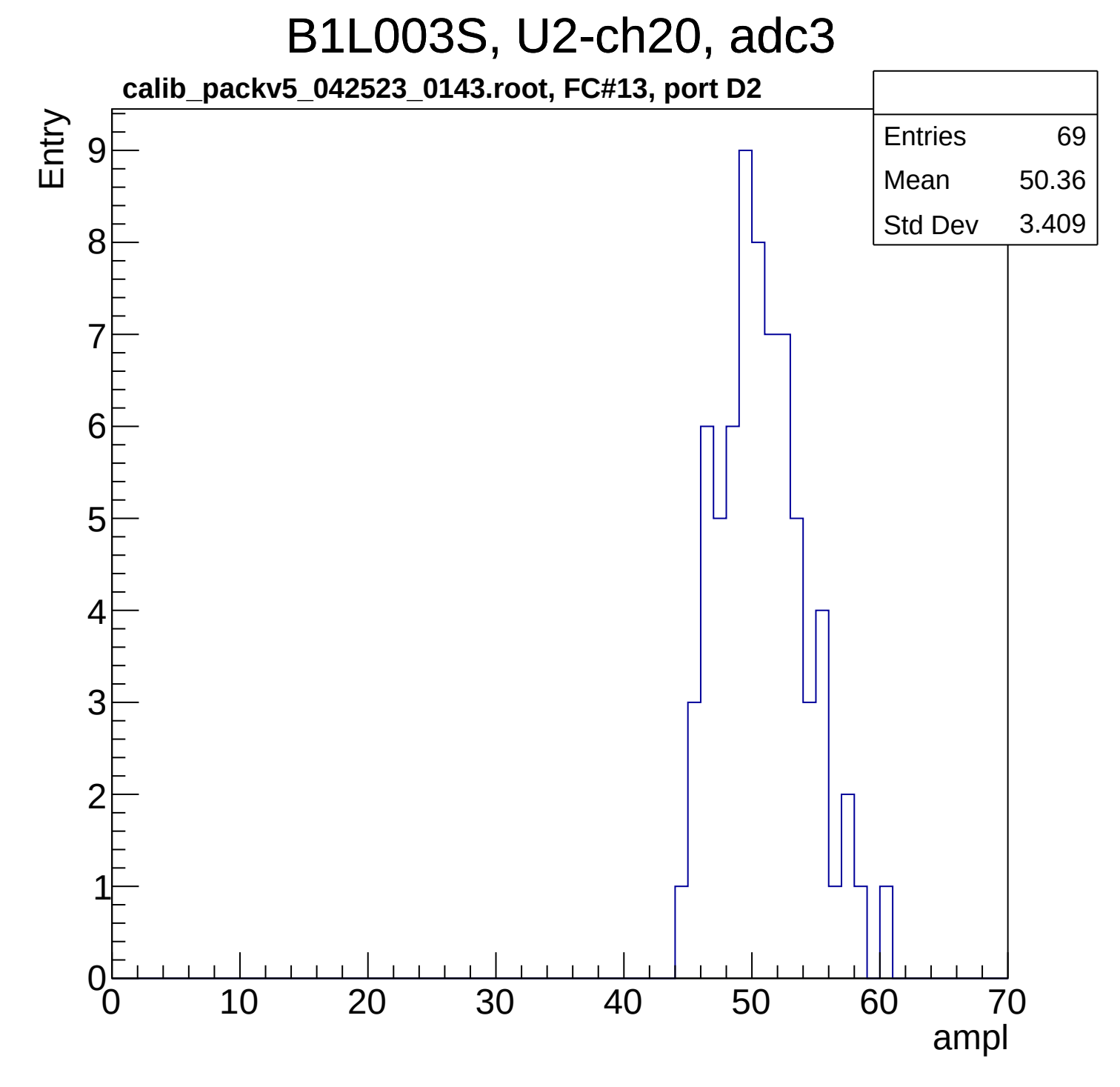
B1L003S, U2-ch20, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 50.36
Std Dev 3.409
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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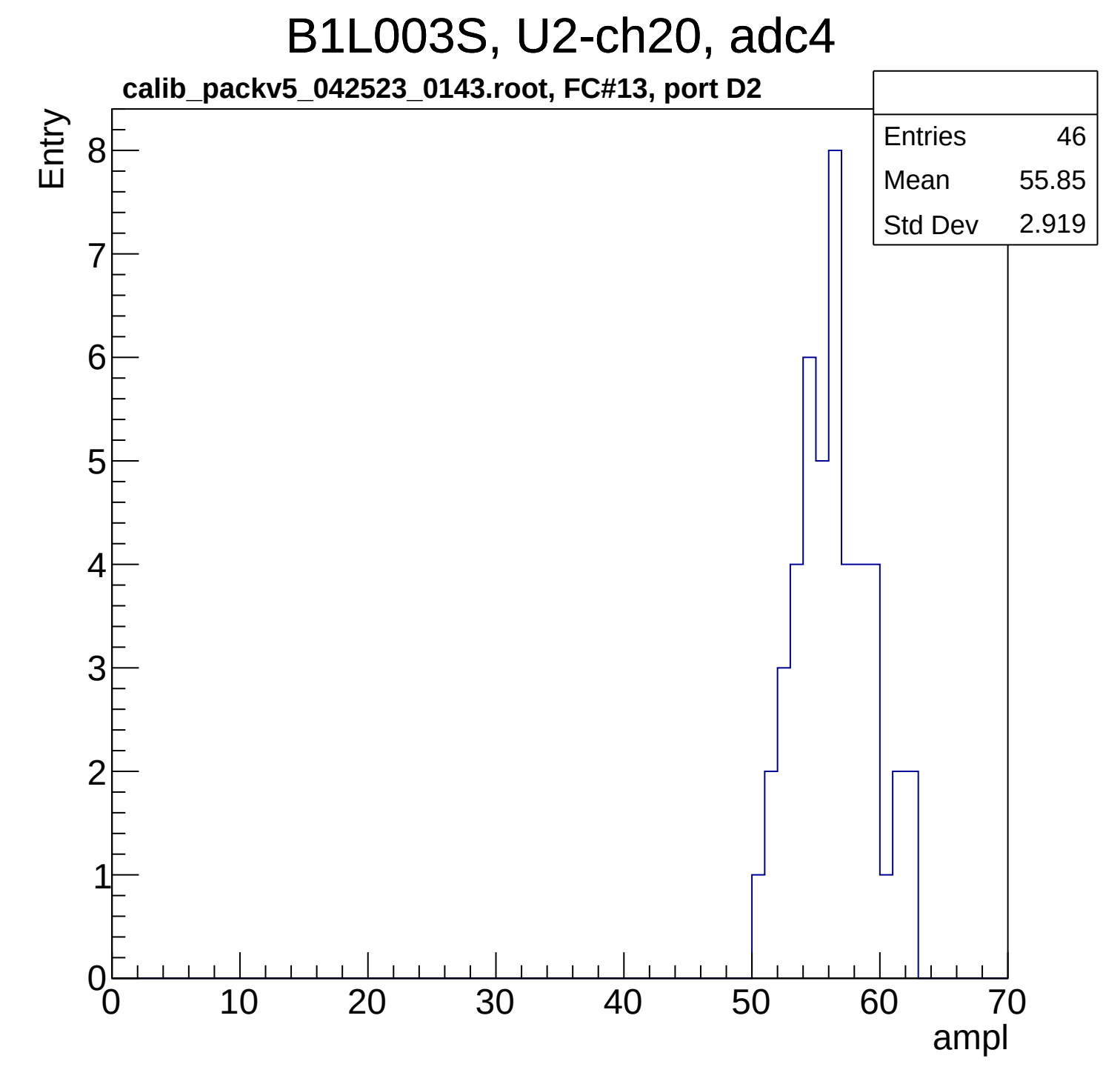
60
70


B1L003S, U2-ch20, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 55.85
Std Dev 2.919
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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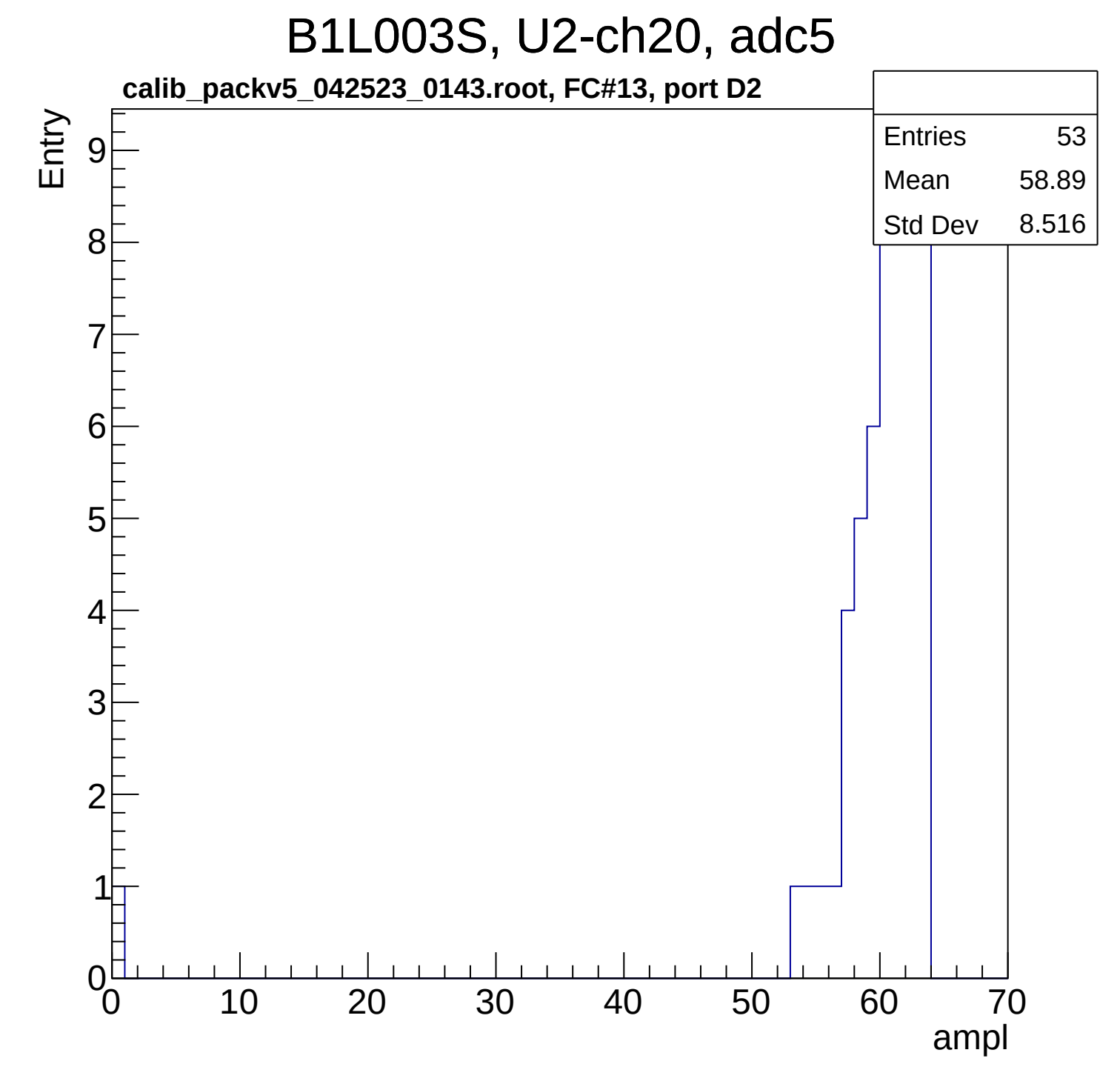
B1L003S, U2-ch20, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 58.89
Std Dev 8.516
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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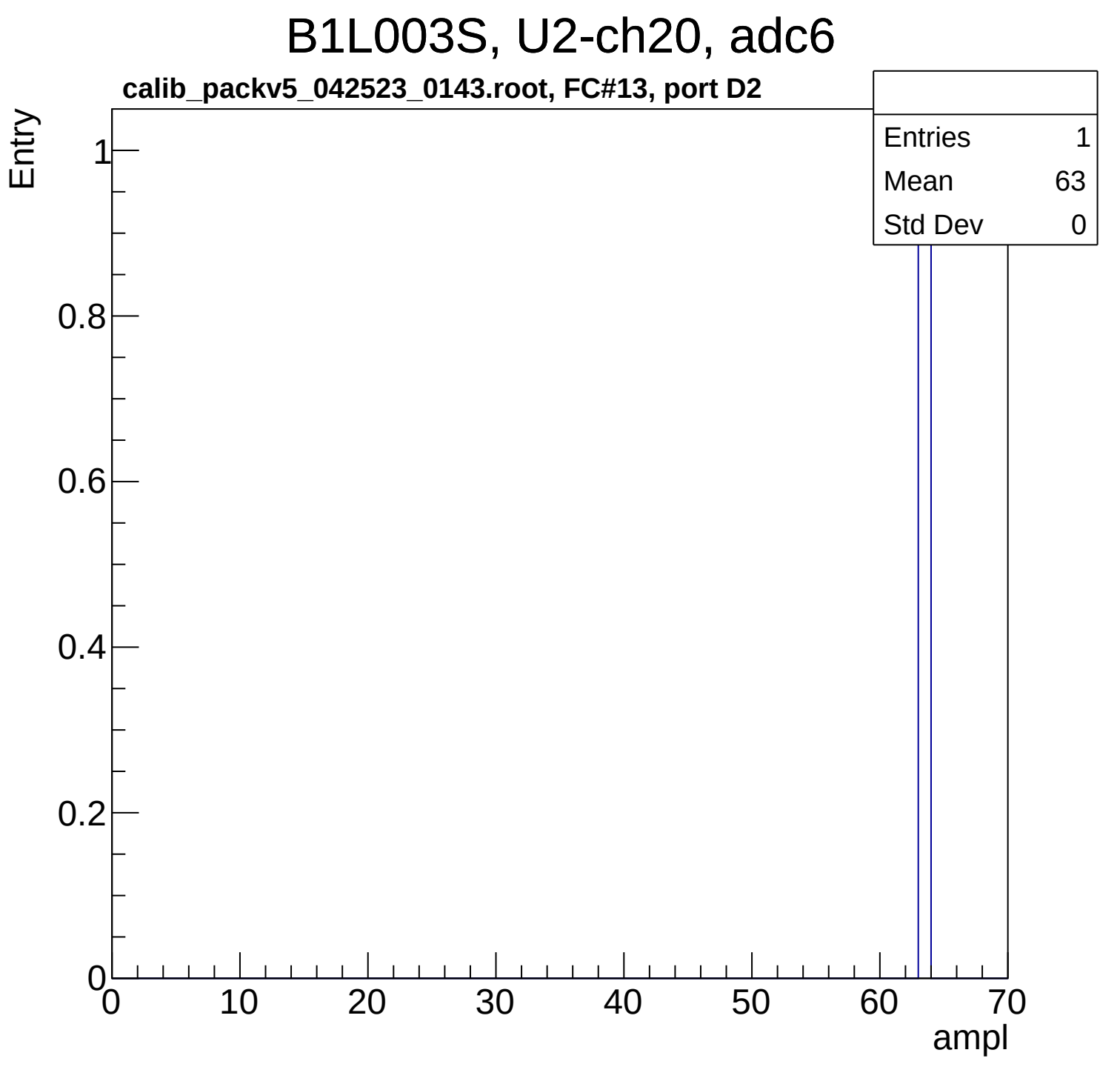
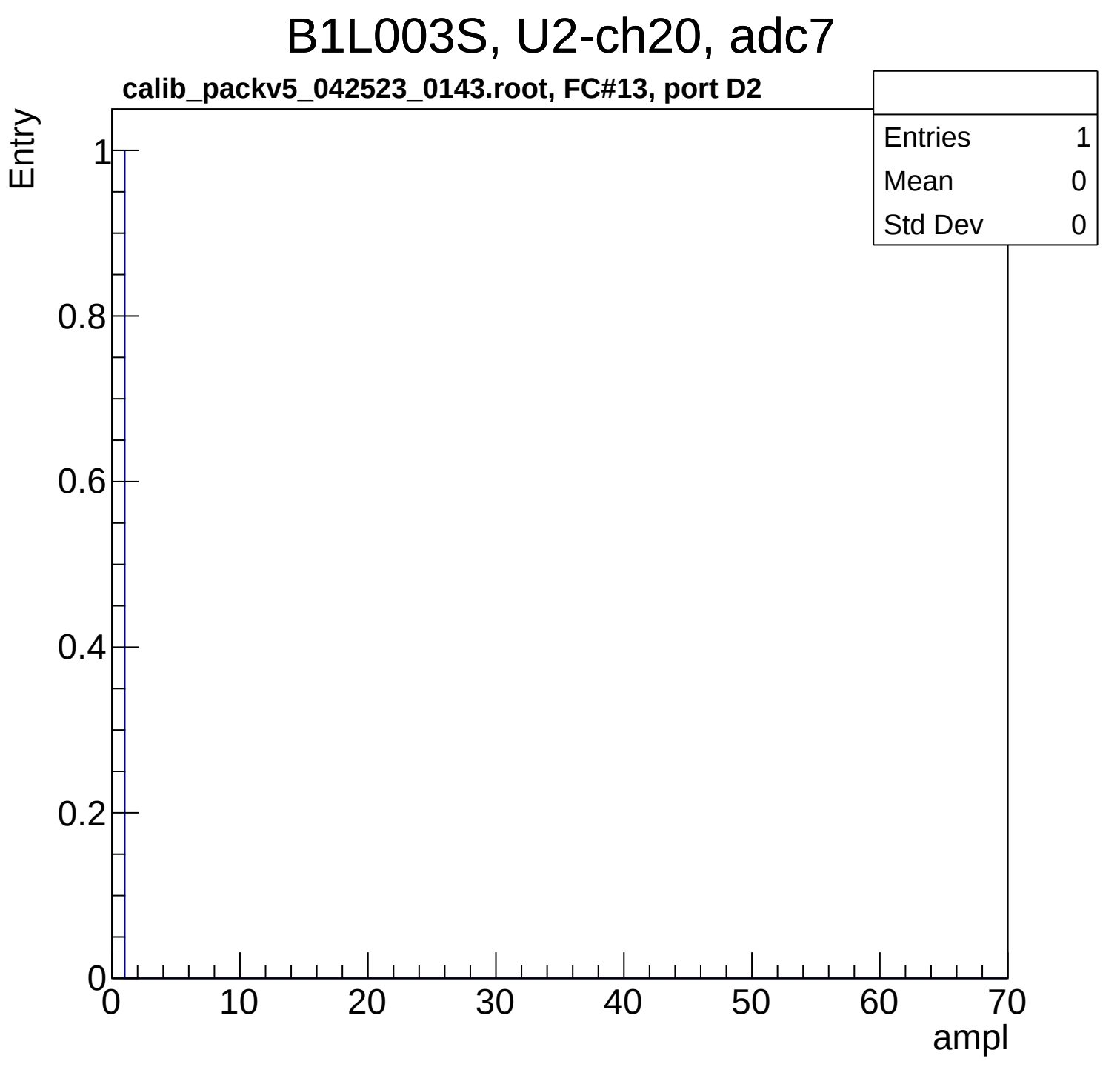

B1L003S, U2-ch20, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch20, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
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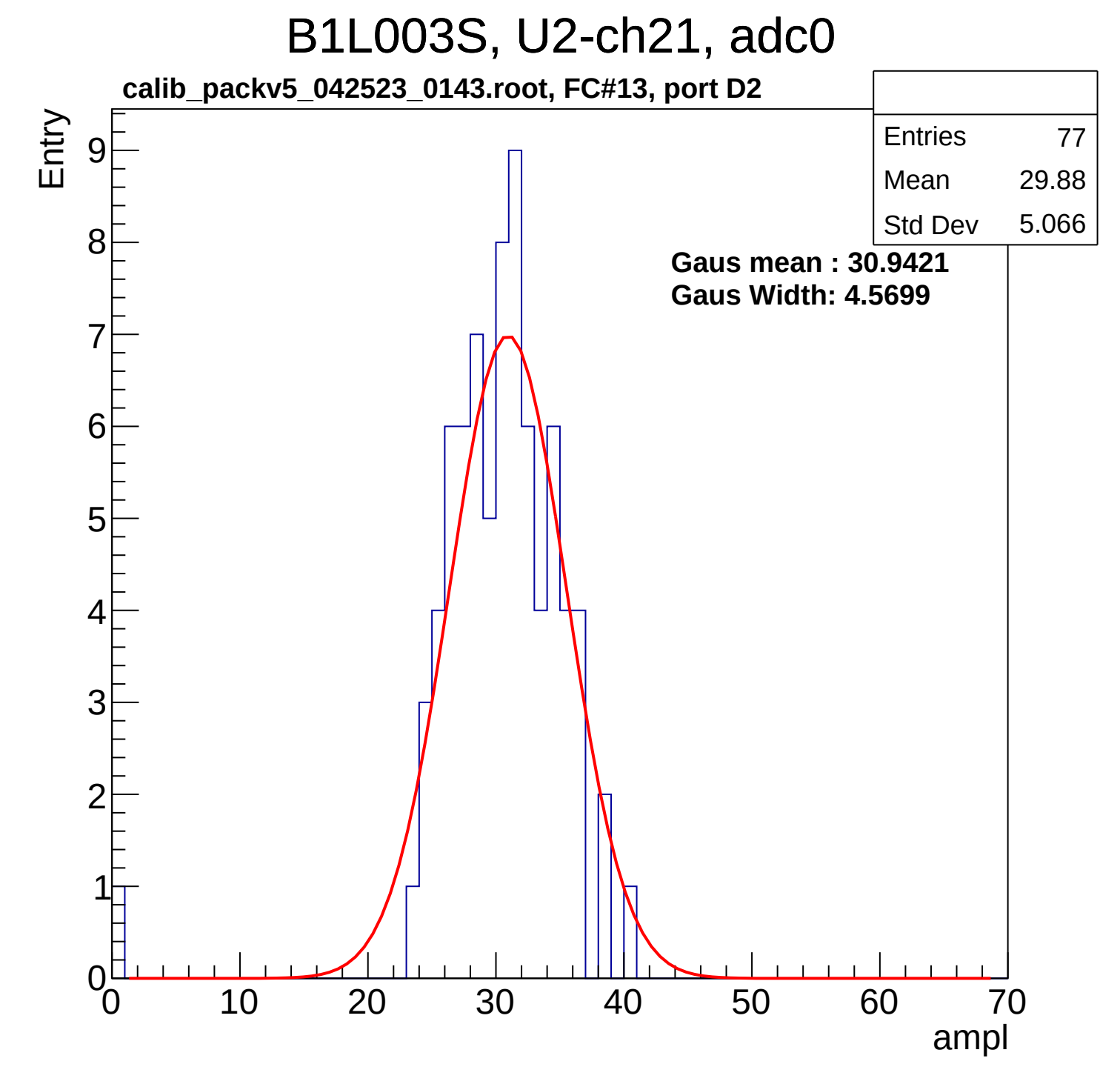
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch21, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 29.88
Std Dev 5.066
Gaus mean : 30.9421
Gaus Width: 4.5699
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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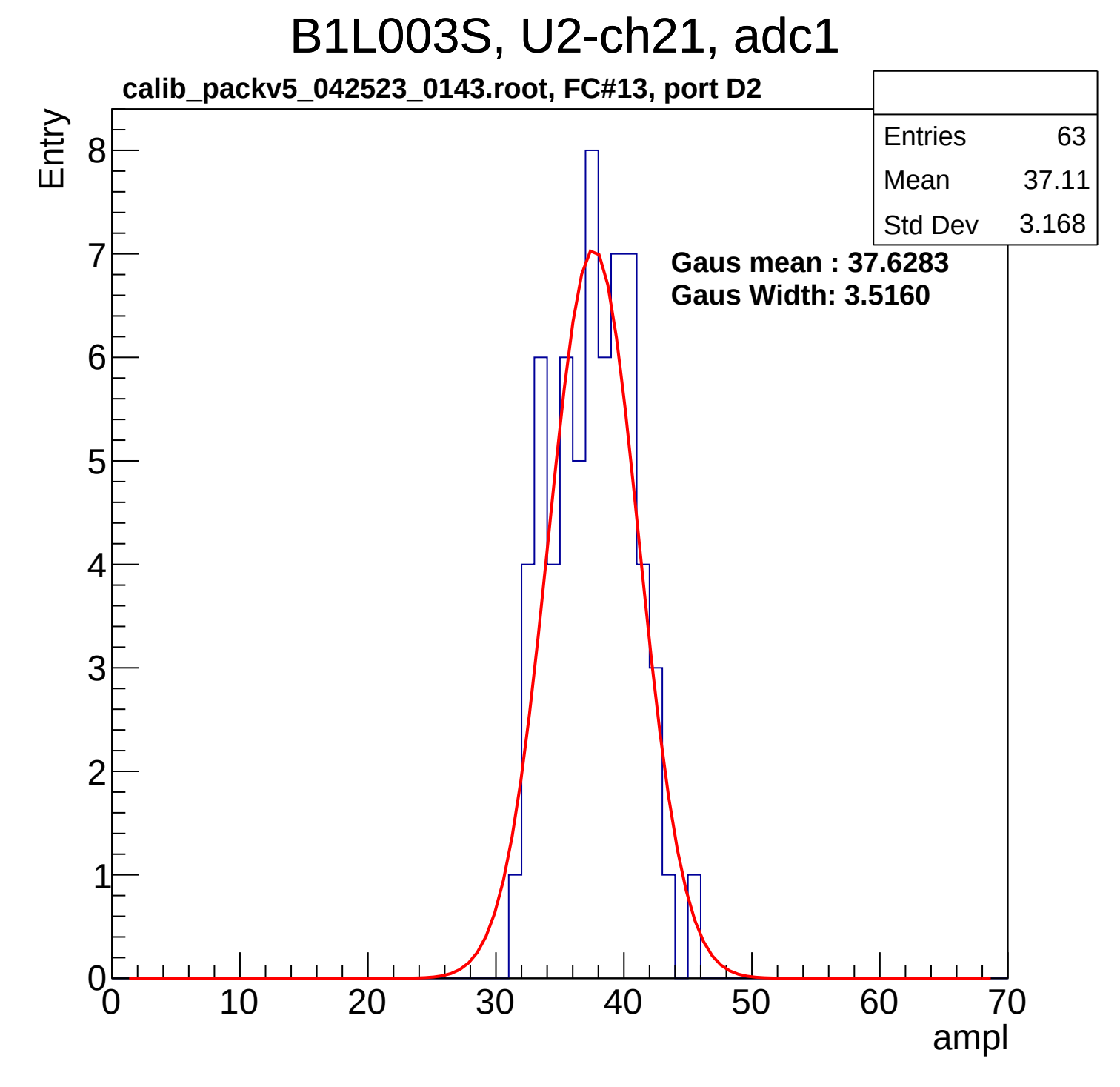
B1L003S, U2-ch21, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 37.11
Std Dev 3.168
Gaus mean : 37.6283
Gaus Width: 3.5160
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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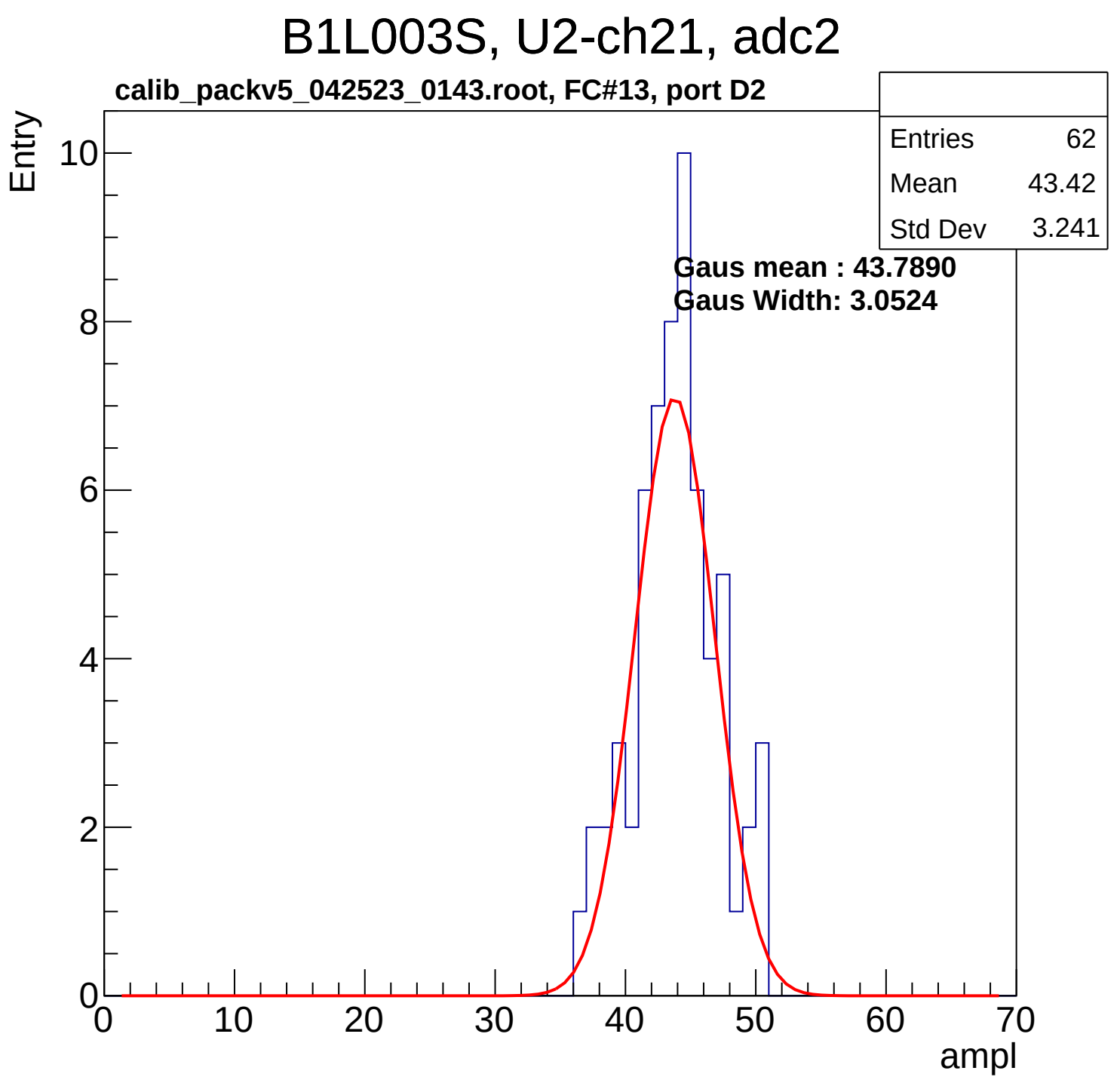
40
50
60
70


B1L003S, U2-ch21, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 43.42
Std Dev 3.241
Gaus mean : 43.7890
Gaus Width: 3.0524
Entry
ampl
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2
4
6
8
10
0
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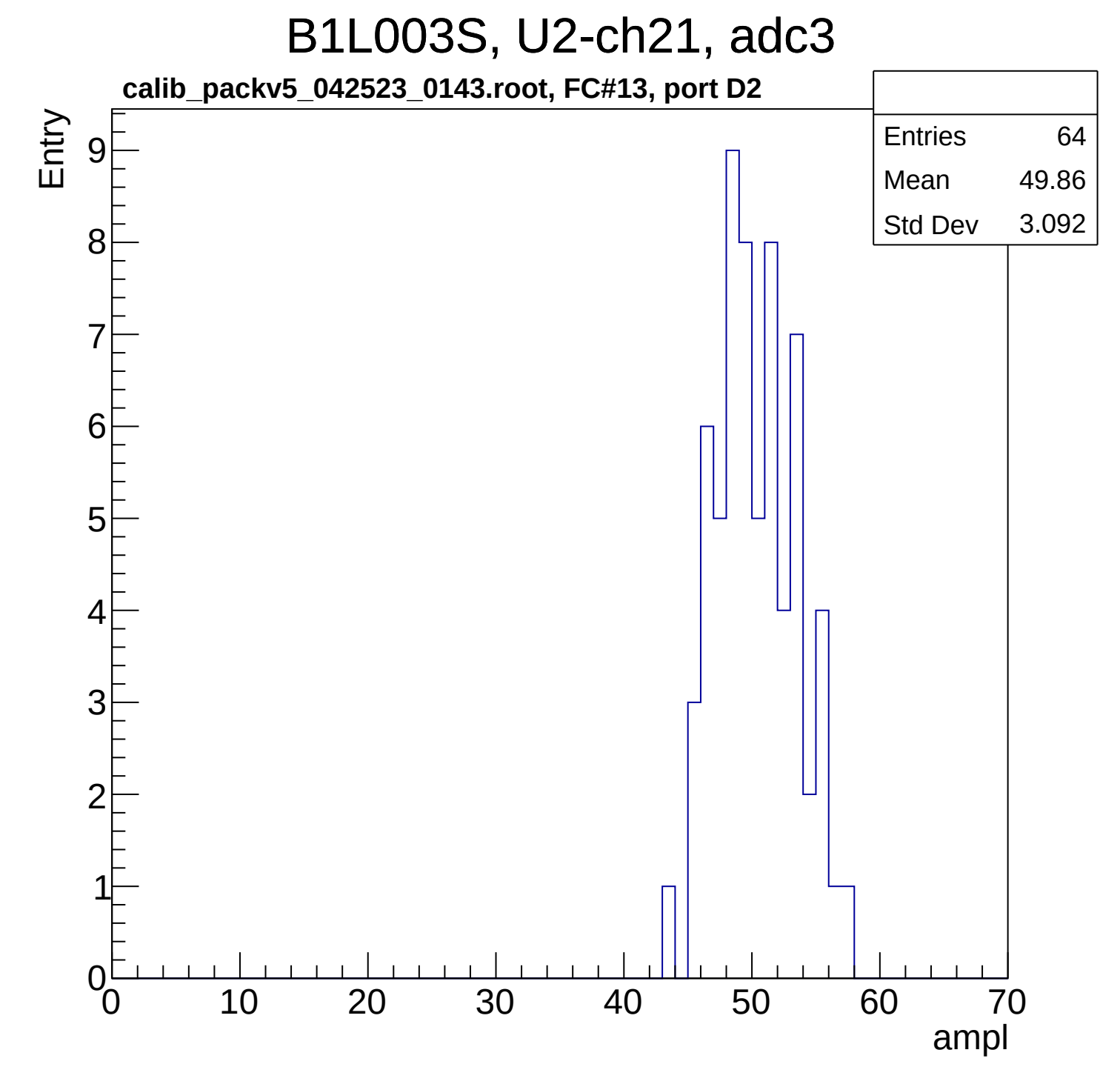
20
30
40
50
60
70


B1L003S, U2-ch21, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 49.86
Std Dev 3.092
Entry
ampl
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2
3
4
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6
7
8
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0
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60
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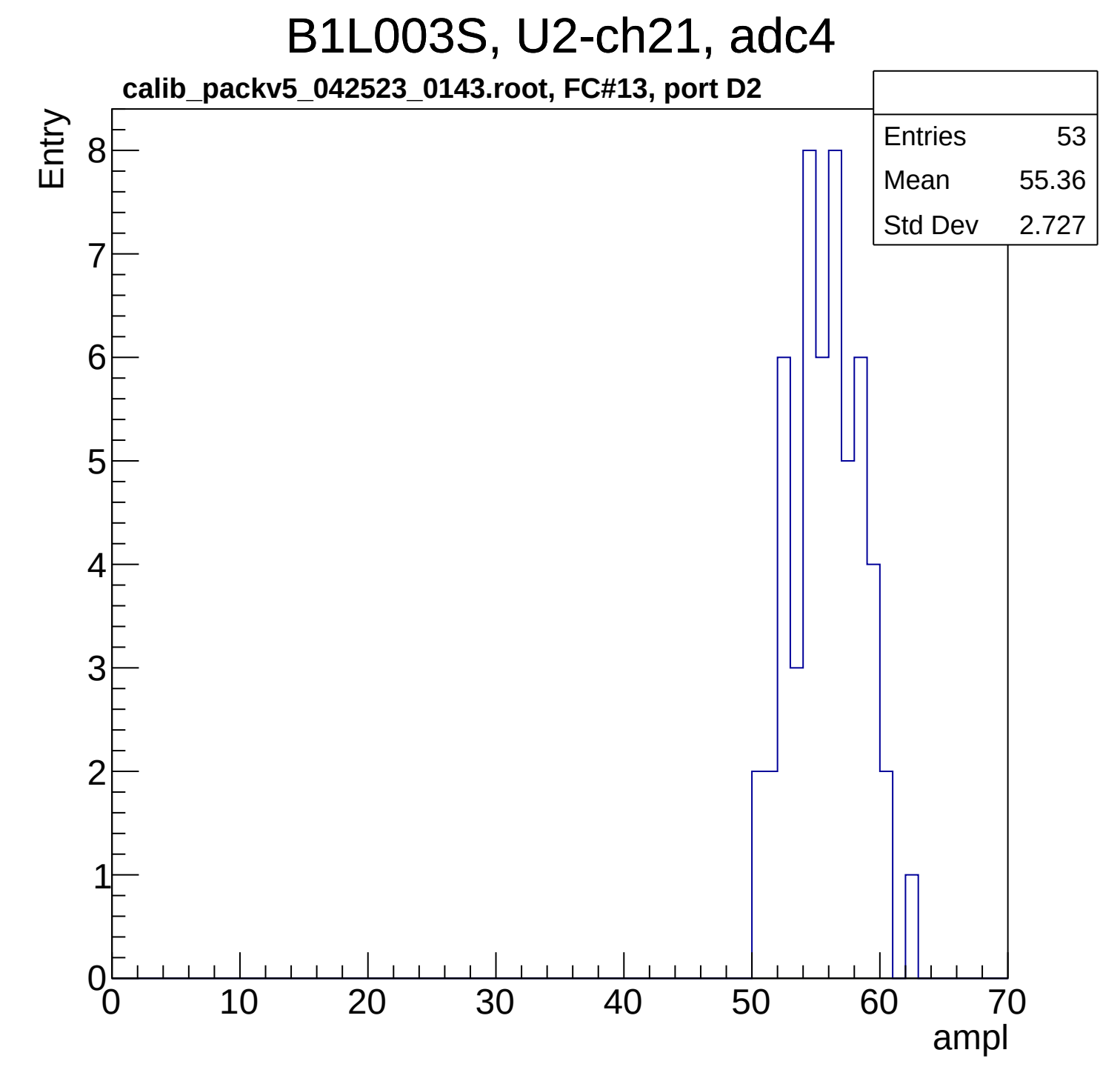
B1L003S, U2-ch21, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 55.36
Std Dev 2.727
Entry
ampl
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2
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4
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7
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0
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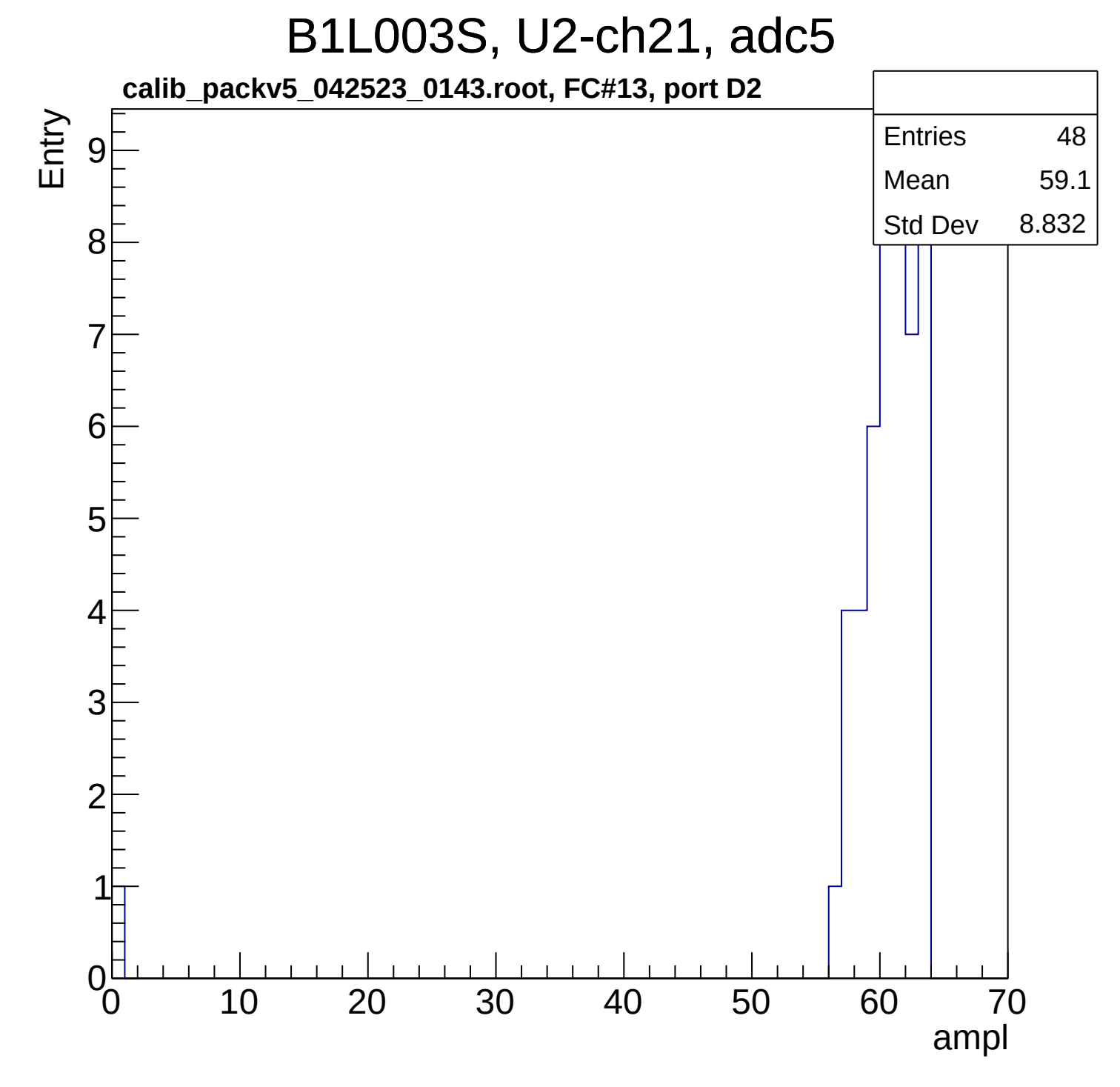
B1L003S, U2-ch21, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 59.1
Std Dev 8.832
Entry
ampl
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3
4
5
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0
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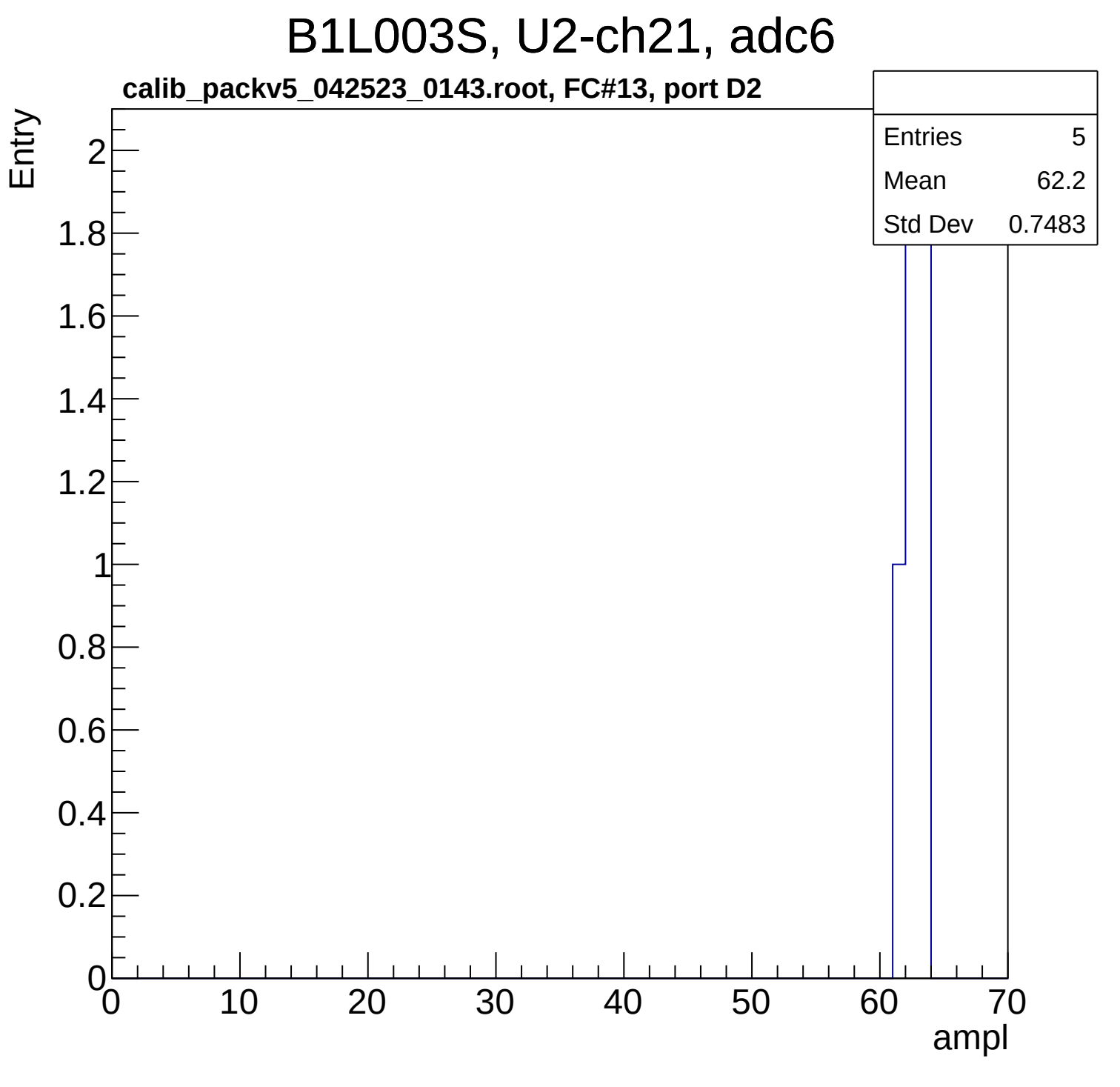
B1L003S, U2-ch21, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
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0
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60
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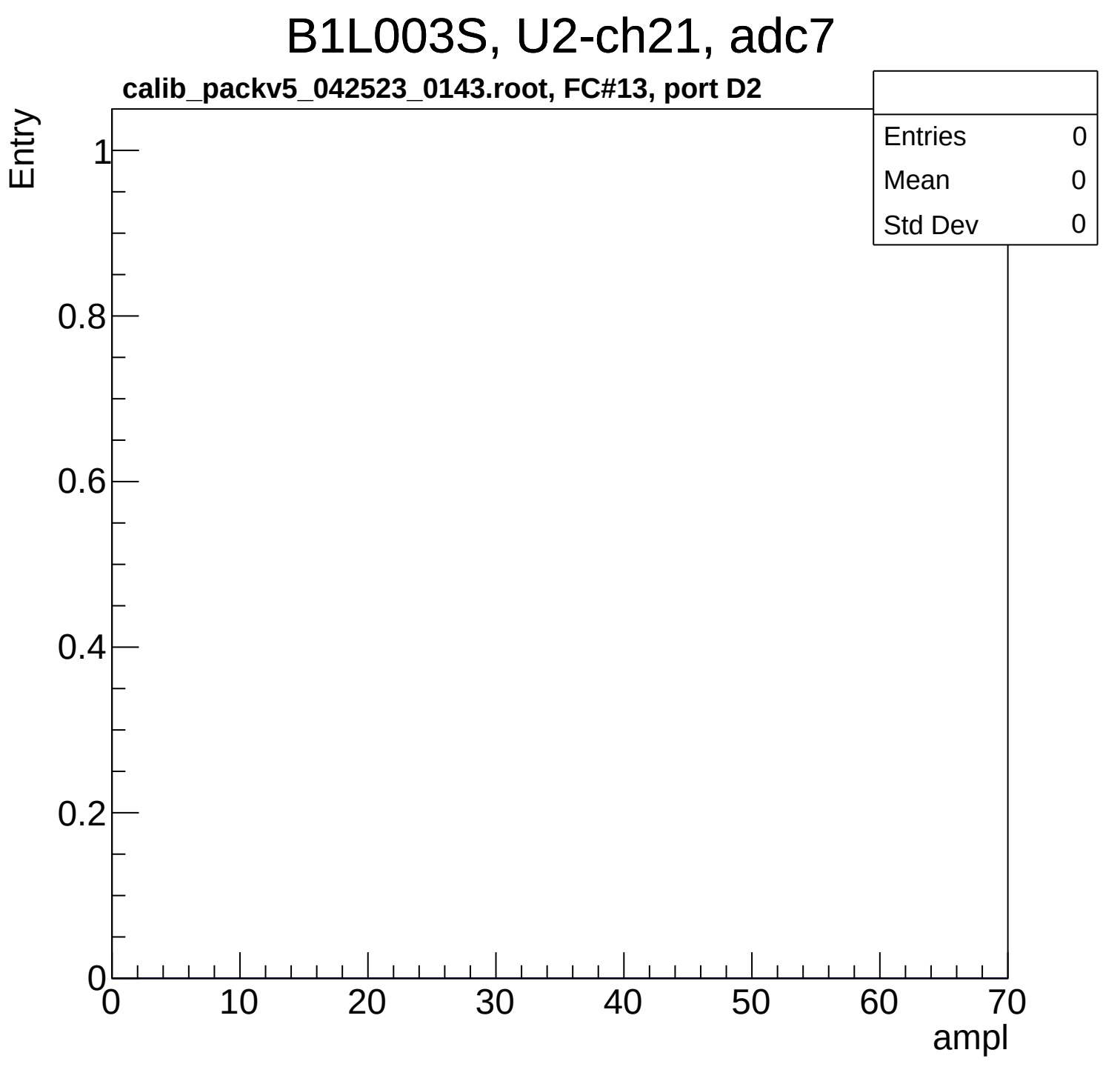
B1L003S, U2-ch21, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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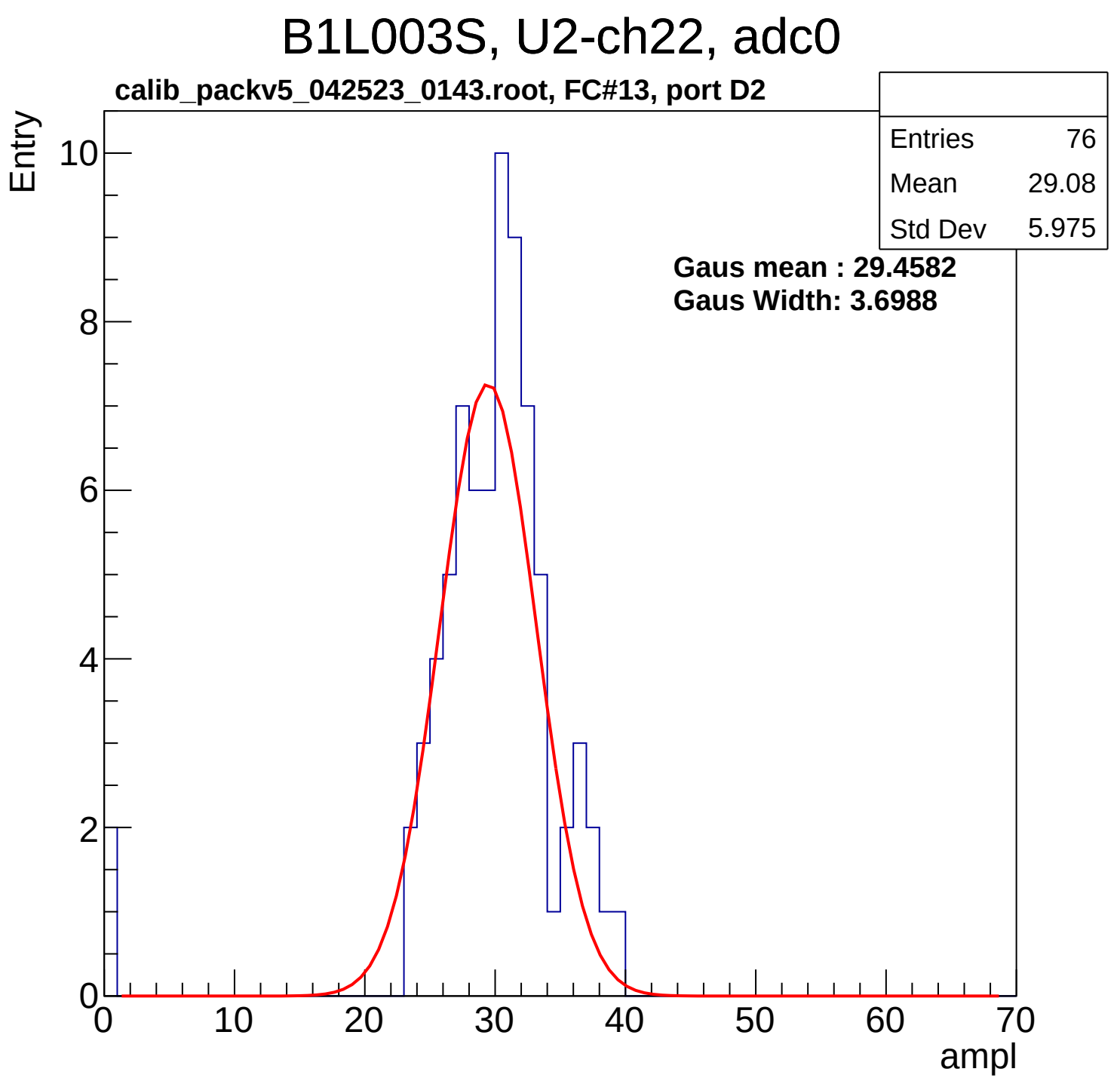
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch22, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 29.08
Std Dev 5.975
Gaus mean : 29.4582
Gaus Width: 3.6988
Entry
ampl
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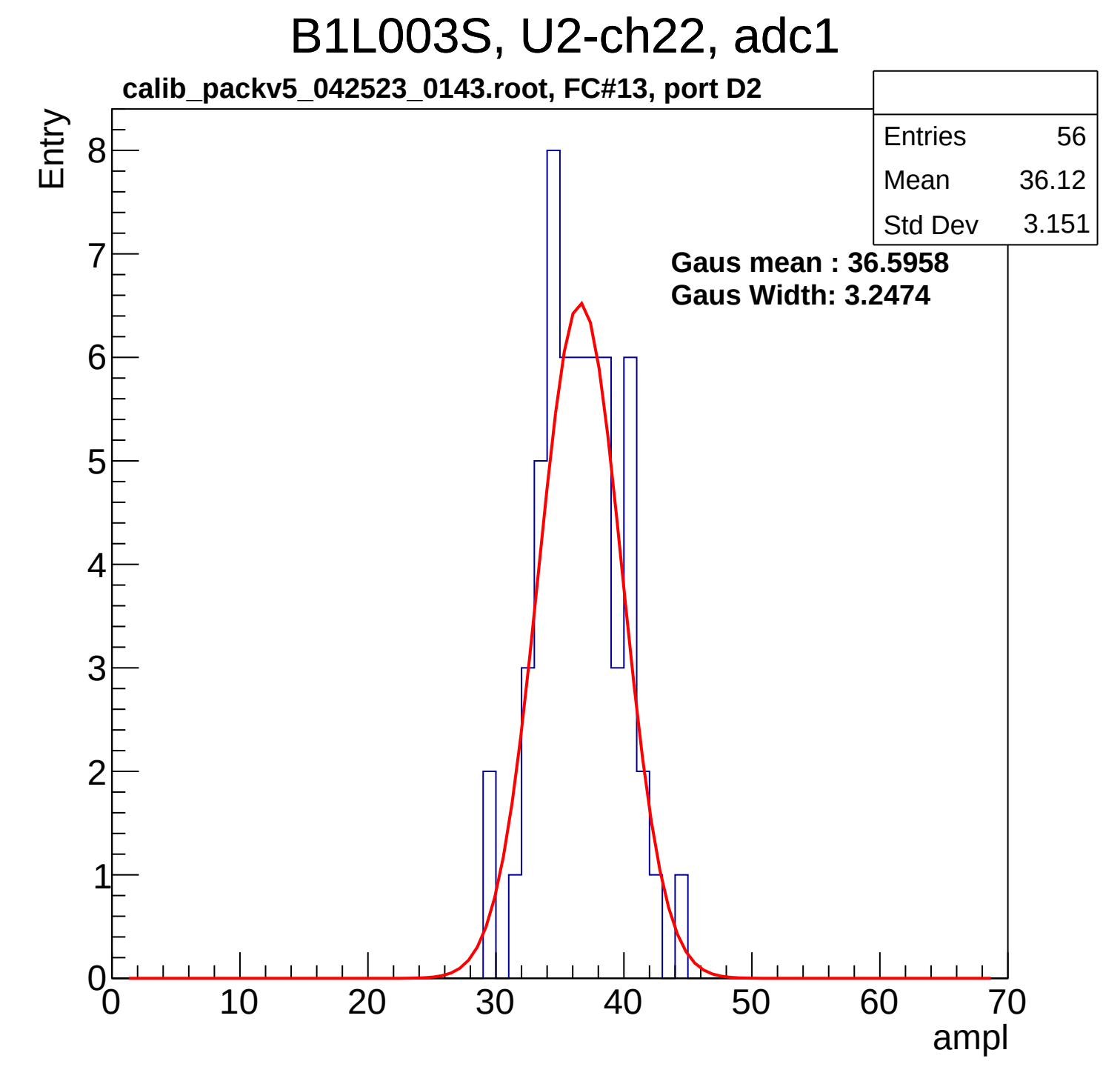
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch22, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 36.12
Std Dev 3.151
Gaus mean : 36.5958
Gaus Width: 3.2474
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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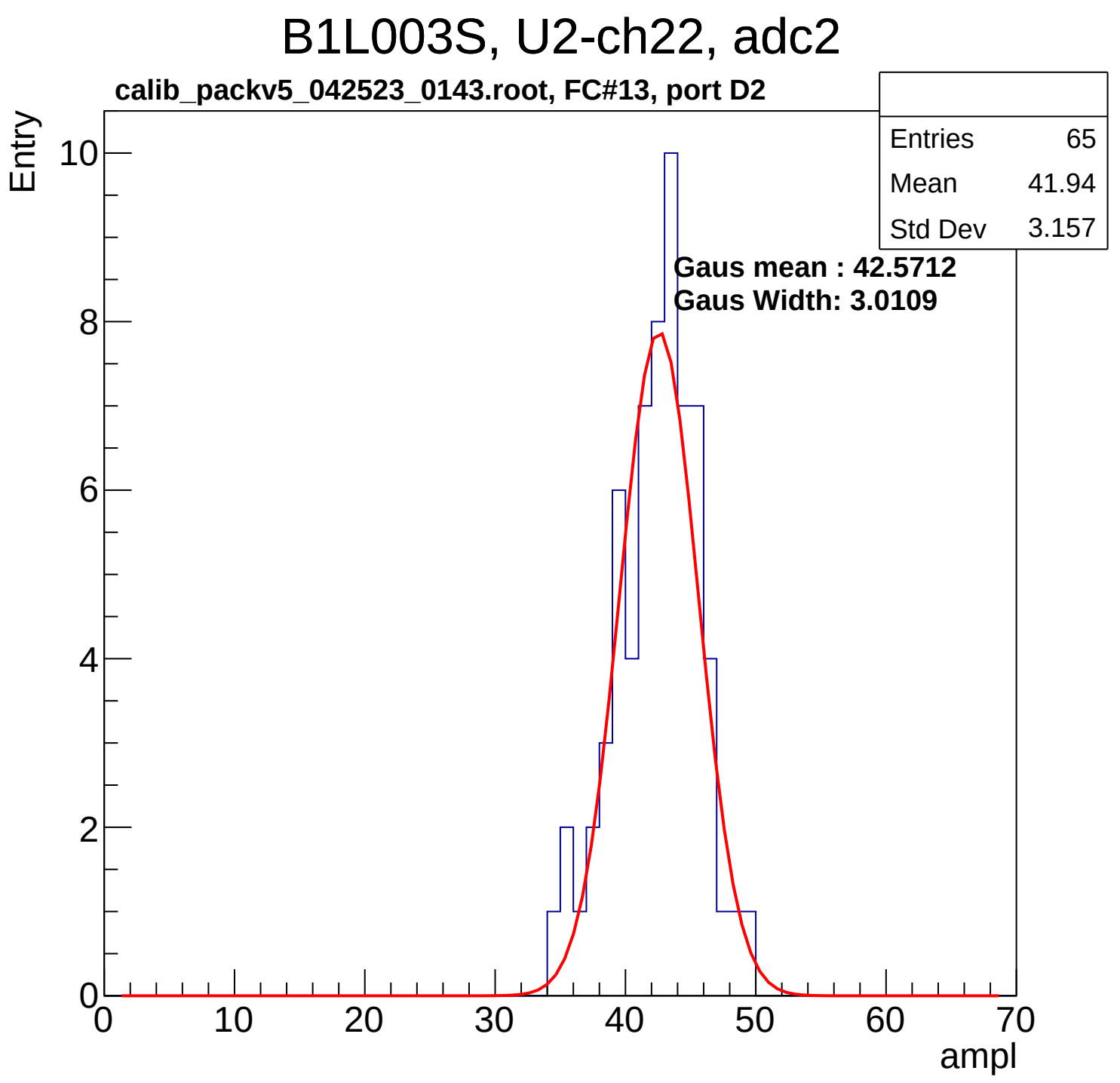
B1L003S, U2-ch22, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 41.94
Std Dev 3.157
Gaus mean : 42.5712
Gaus Width: 3.0109
Entry
ampl
0
2
4
6
8
10
0
10
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60
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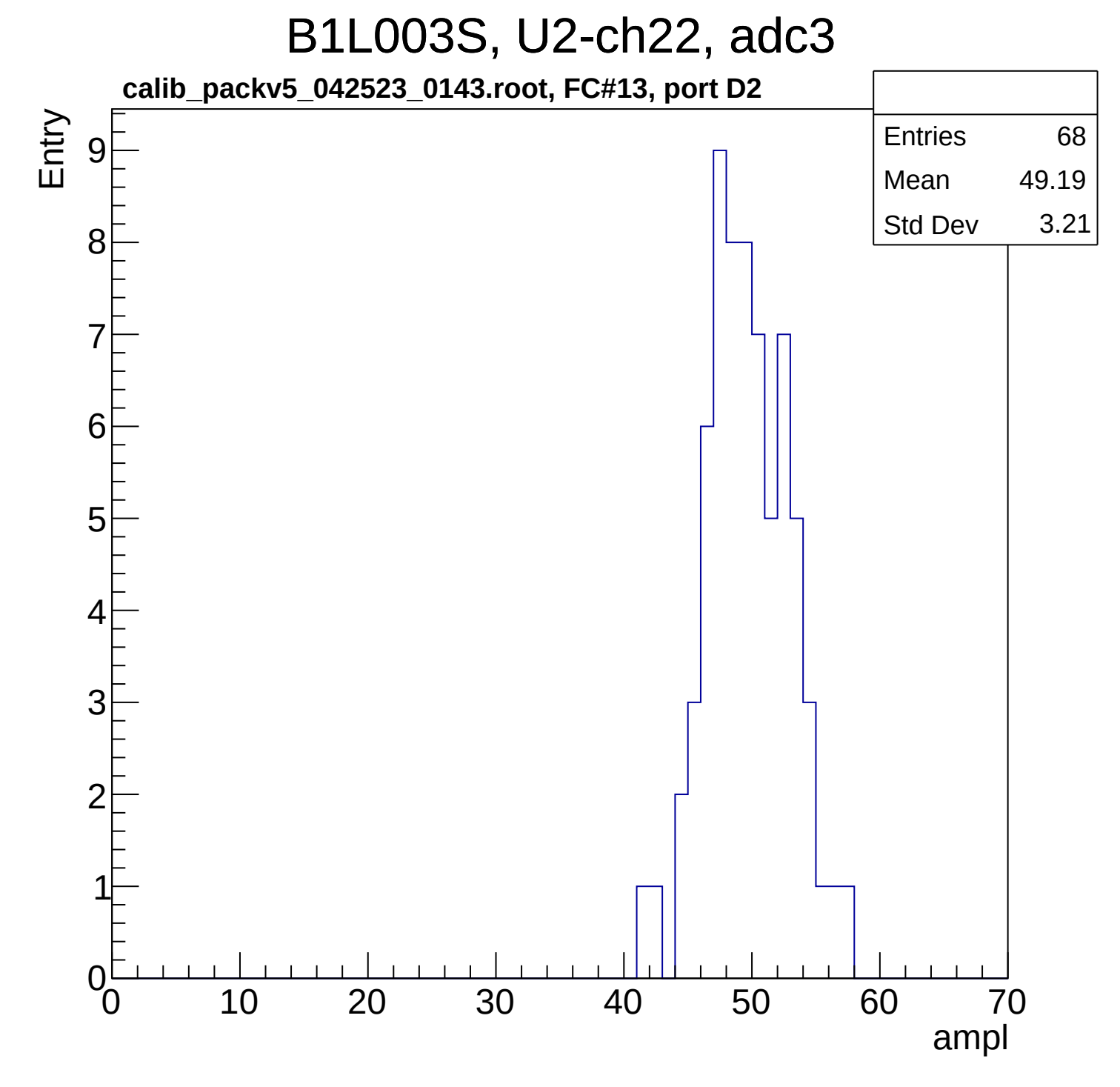
B1L003S, U2-ch22, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 49.19
Std Dev 3.21
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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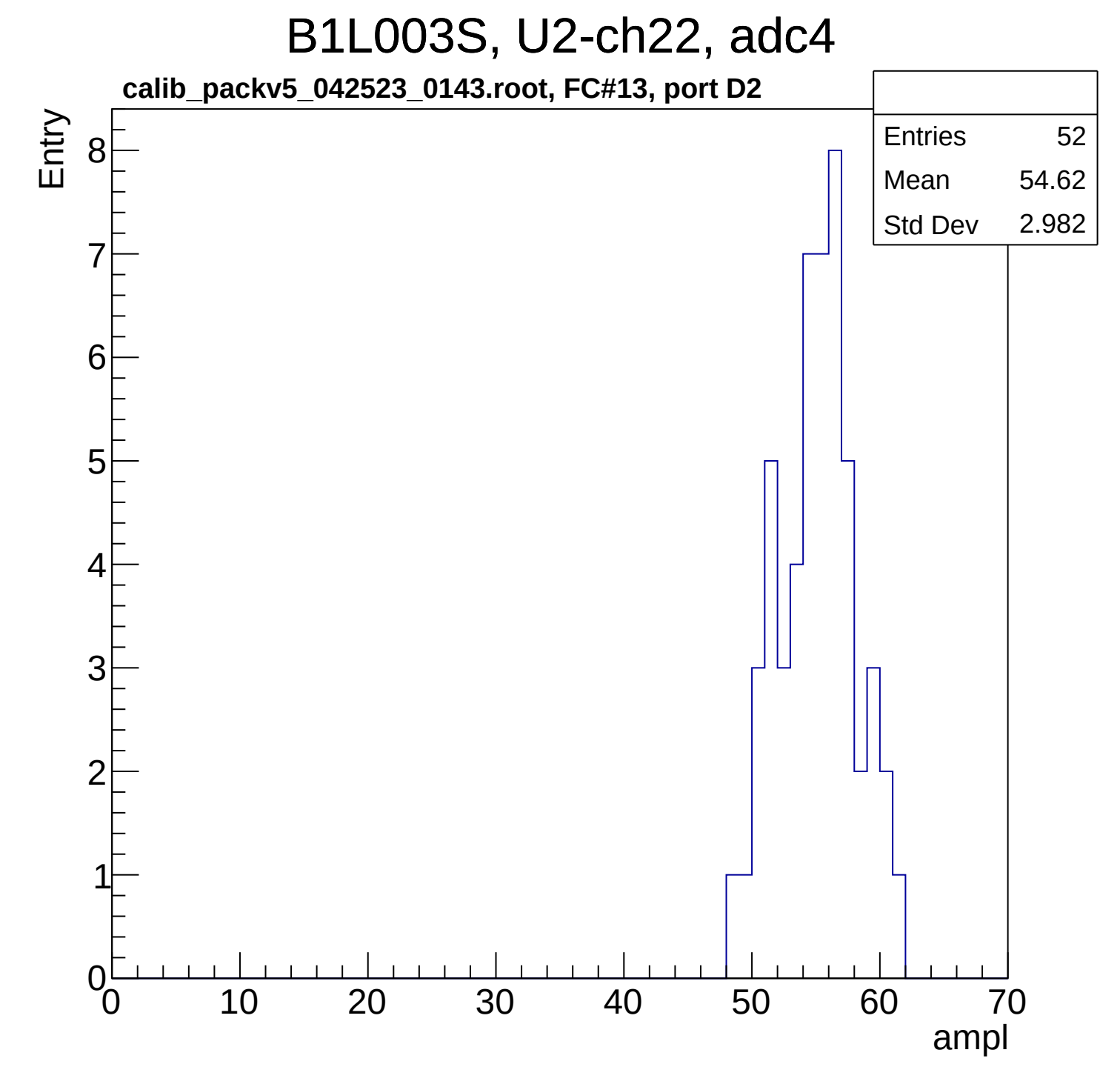
B1L003S, U2-ch22, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 54.62
Std Dev 2.982
Entry
ampl
0
1
2
3
4
5
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7
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0
10
20
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40
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60
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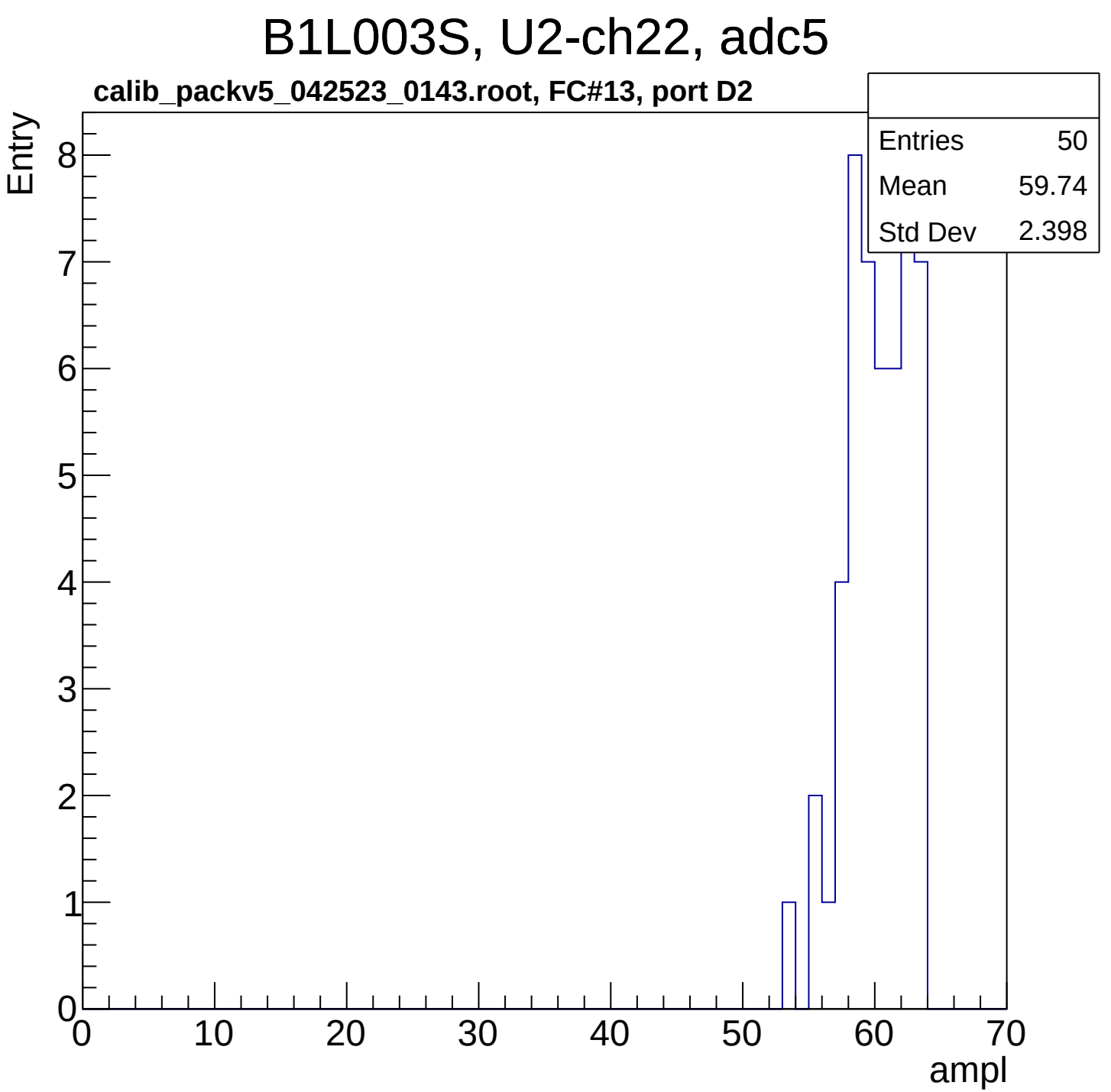
B1L003S, U2-ch22, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 59.74
Std Dev 2.398
Entry
ampl
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60
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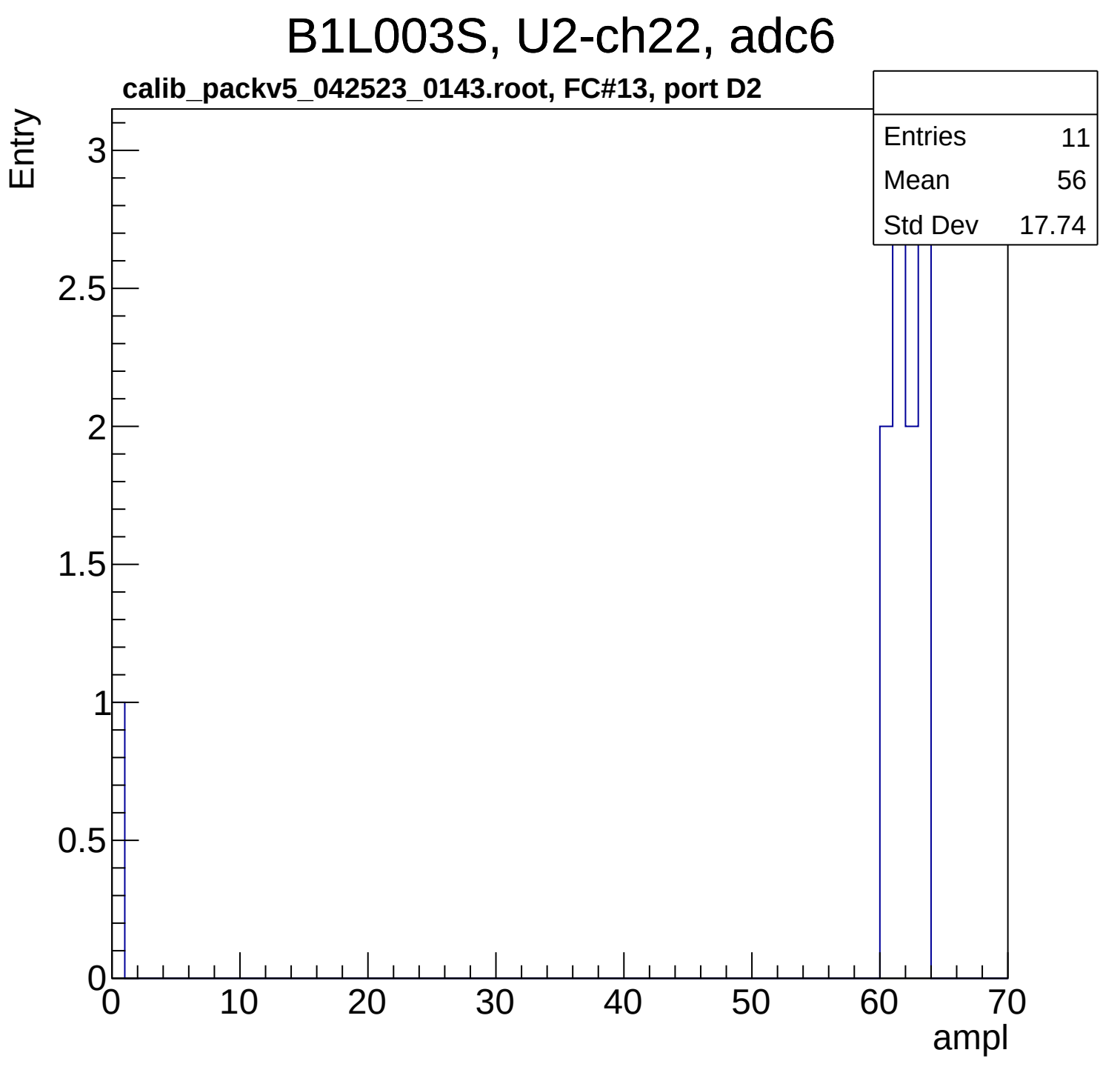
B1L003S, U2-ch22, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 56
Std Dev 17.74
Entry
ampl
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0.5
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1.5
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2.5
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0
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20
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50
60
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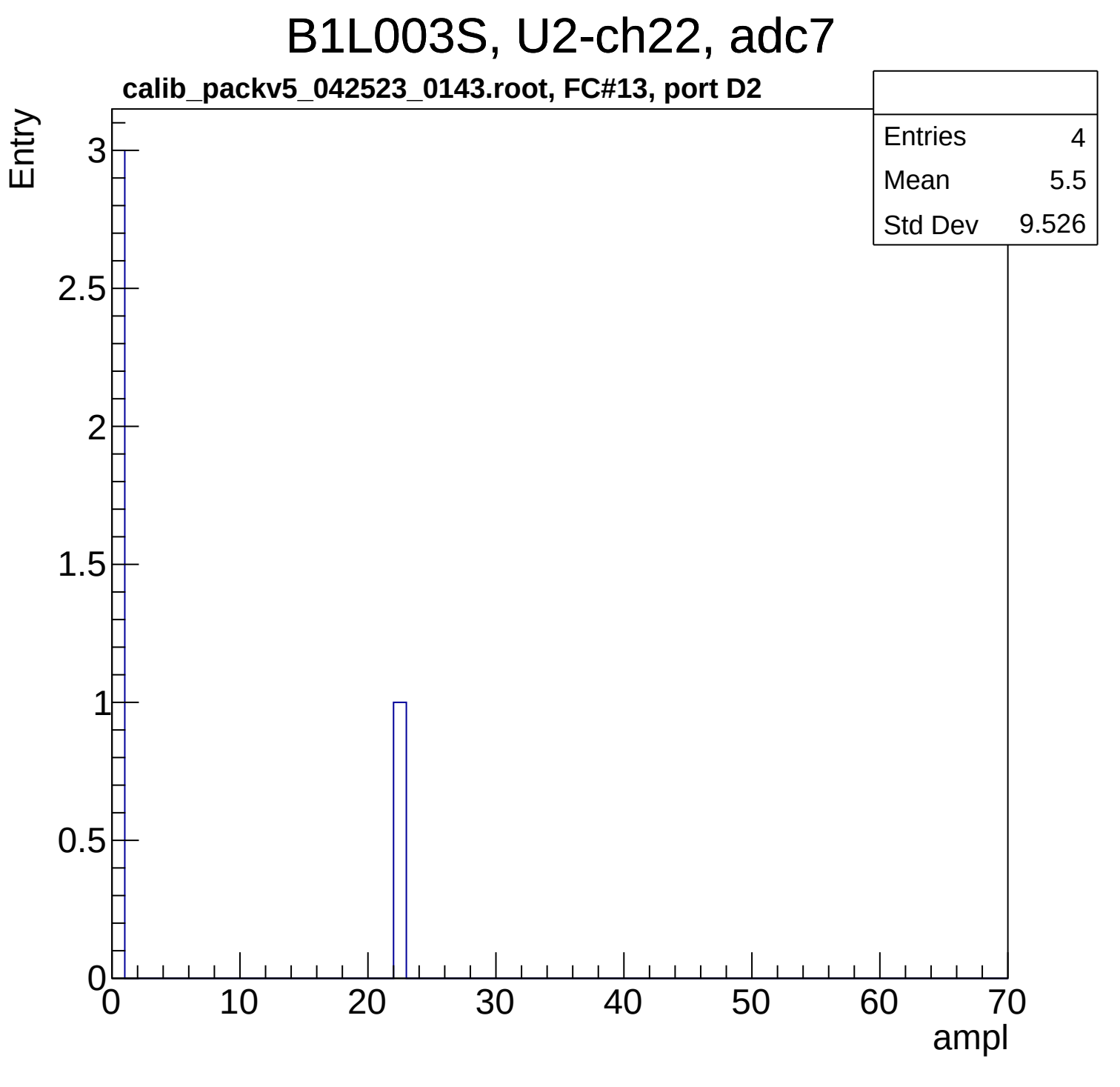
B1L003S, U2-ch22, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 5.5
Std Dev 9.526
Entry
ampl
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2.5
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0
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60
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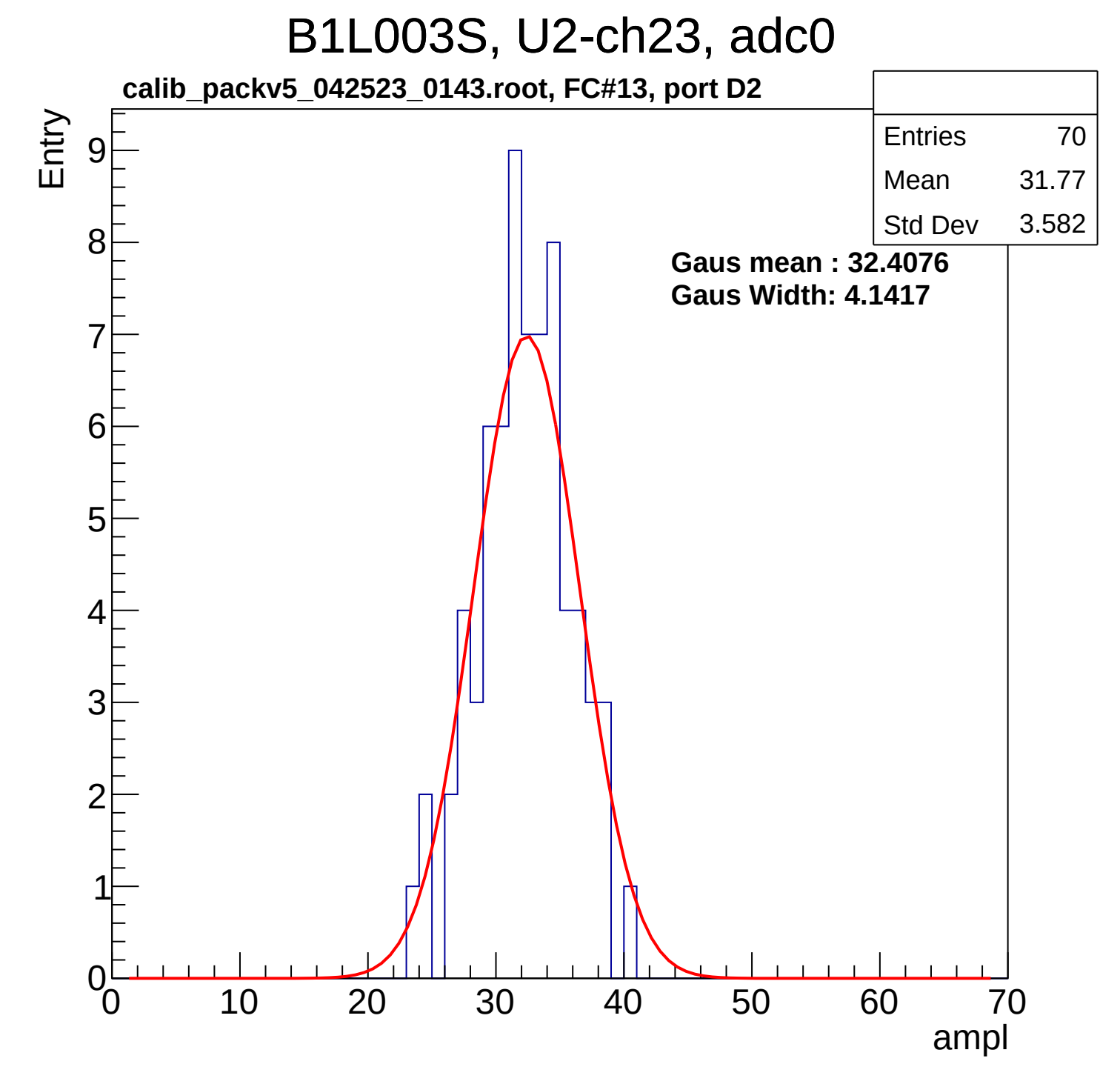
B1L003S, U2-ch23, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 31.77
Std Dev 3.582
Gaus mean : 32.4076
Gaus Width: 4.1417
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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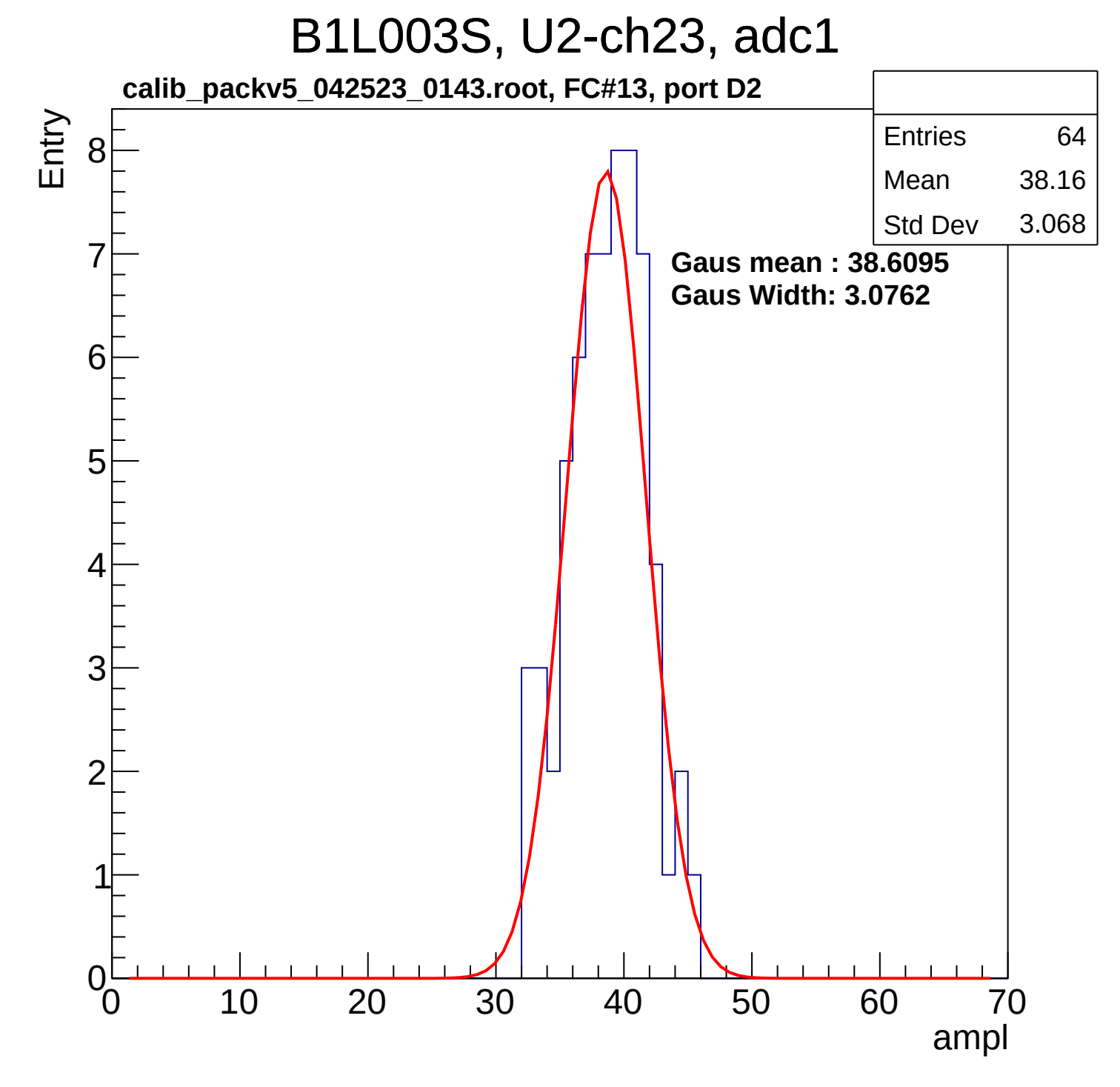
B1L003S, U2-ch23, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 38.16
Std Dev 3.068
Gaus mean : 38.6095
Gaus Width: 3.0762
Entry
ampl
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3
4
5
6
7
8
0
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60
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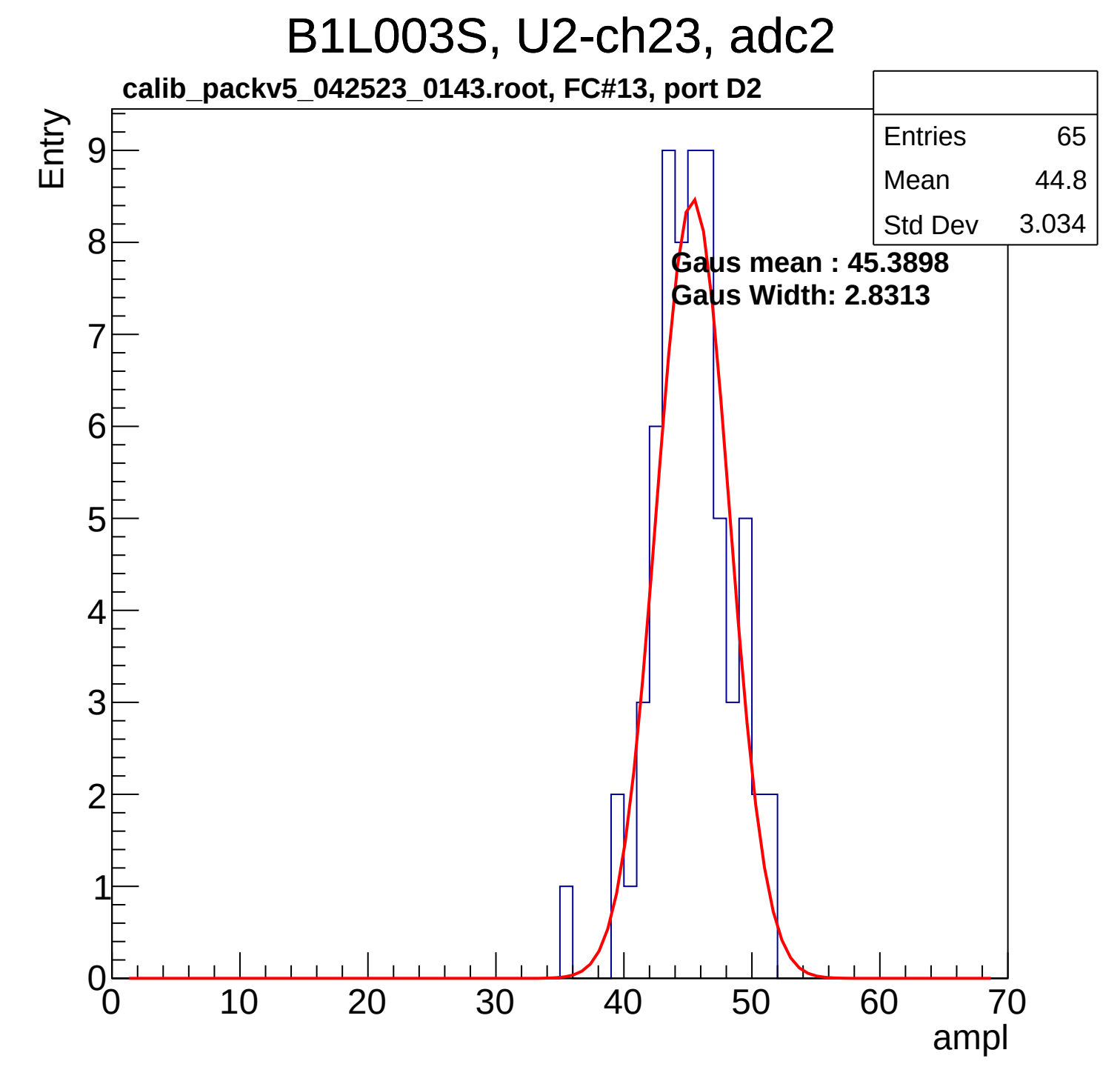
B1L003S, U2-ch23, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 44.8
Std Dev 3.034
Gaus mean : 45.3898
Gaus Width: 2.8313
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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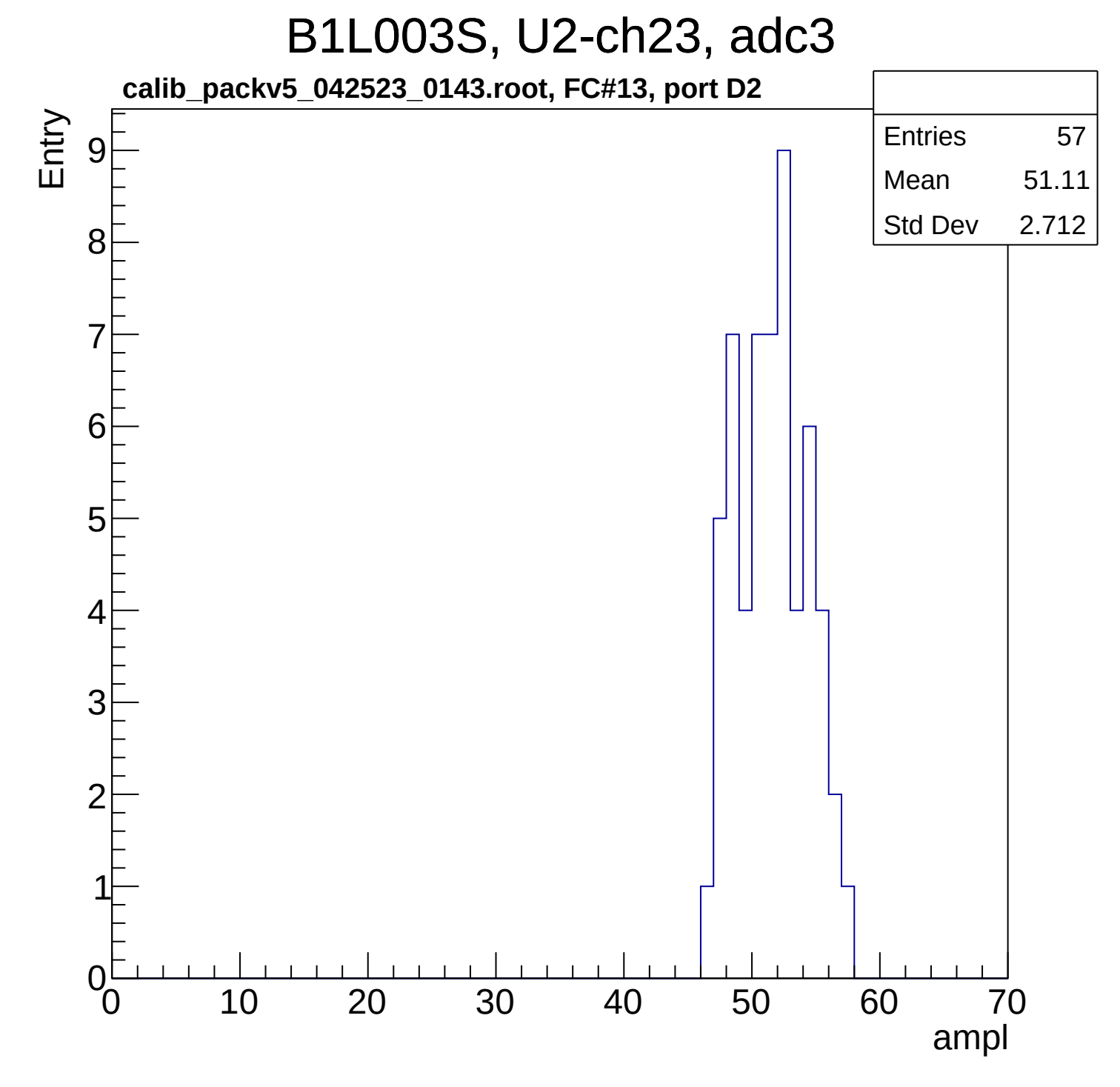
B1L003S, U2-ch23, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 51.11
Std Dev 2.712
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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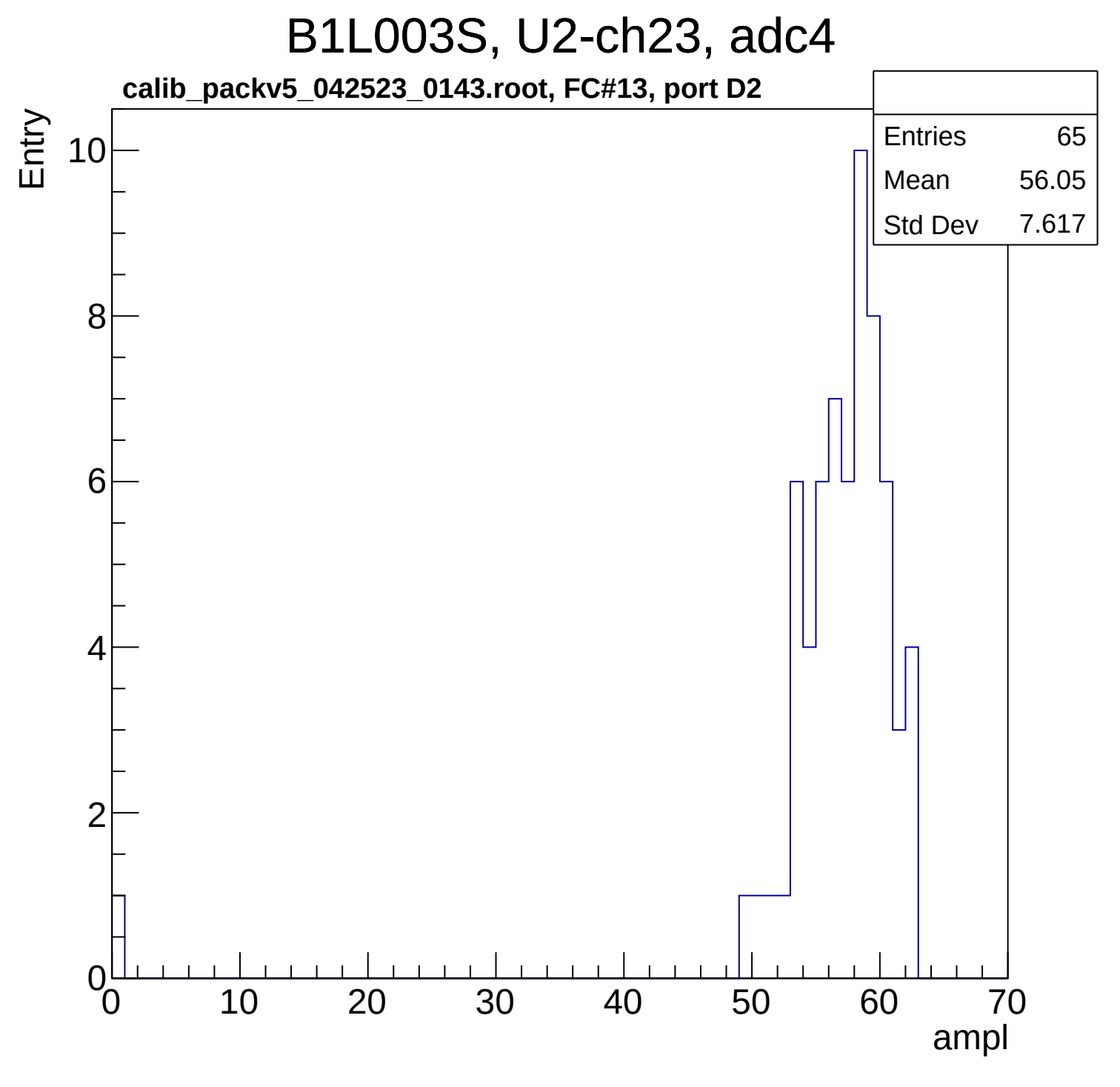
B1L003S, U2-ch23, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 56.05
Std Dev 7.617
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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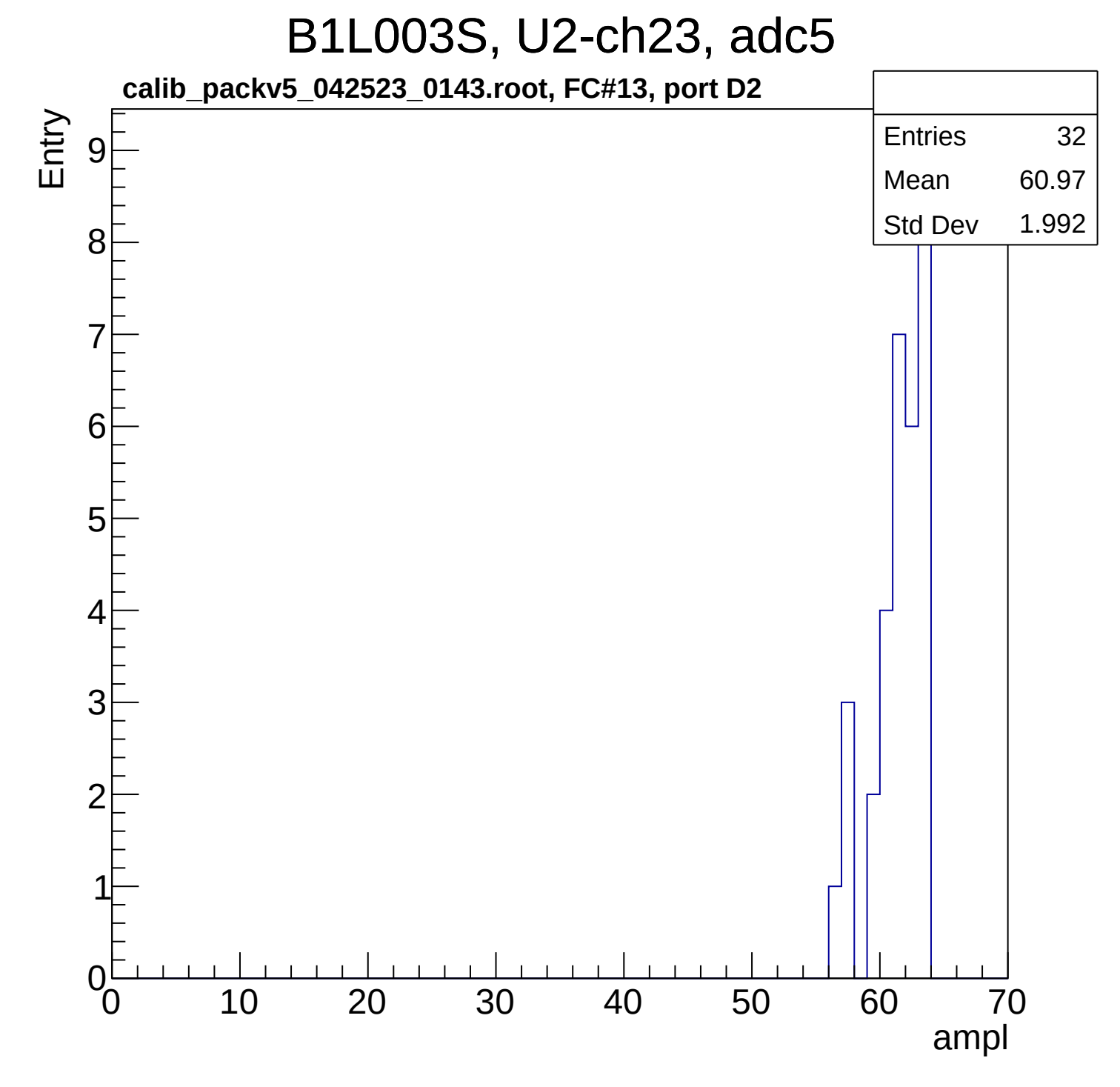
B1L003S, U2-ch23, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 32
Mean 60.97
Std Dev 1.992
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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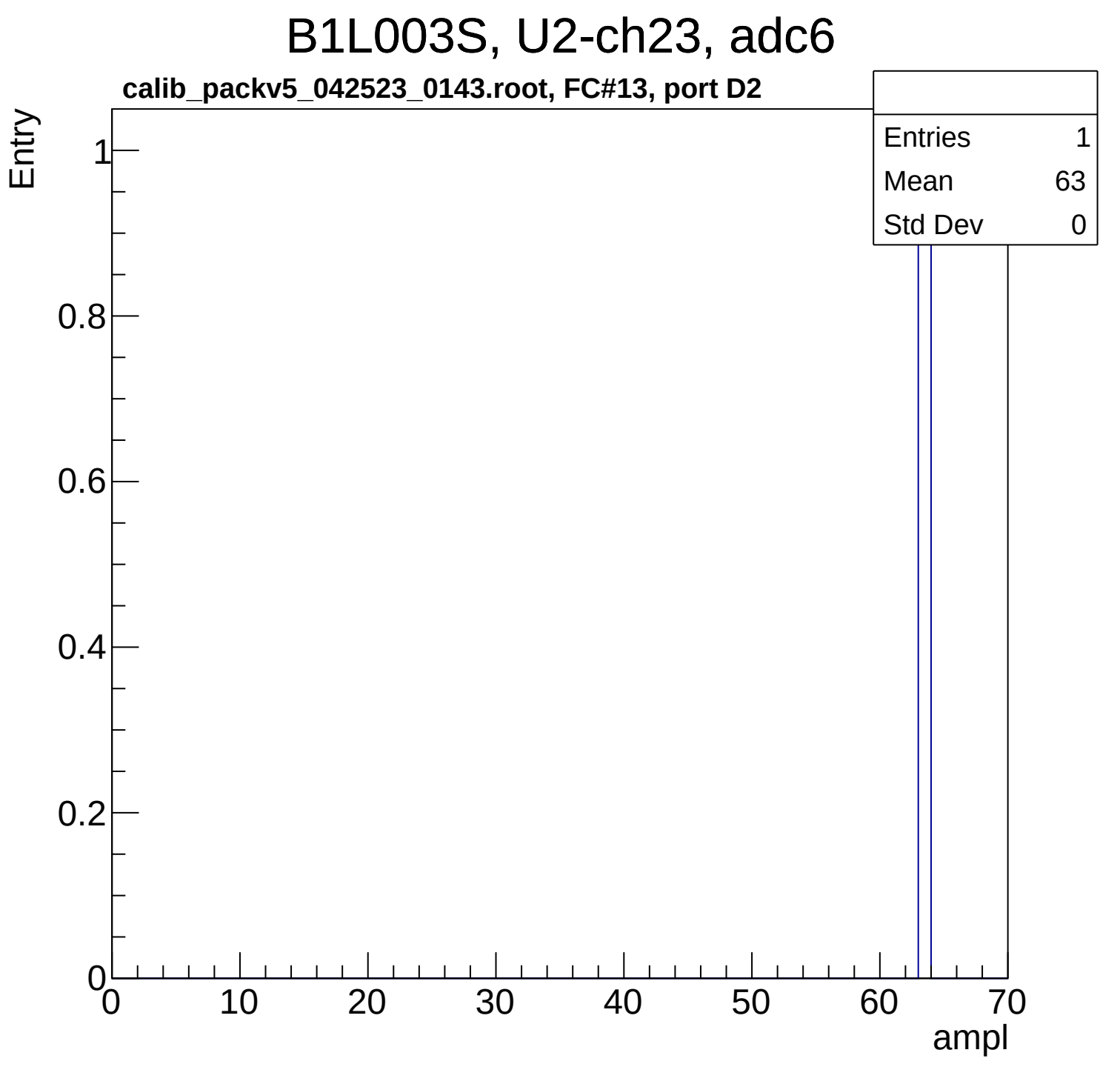
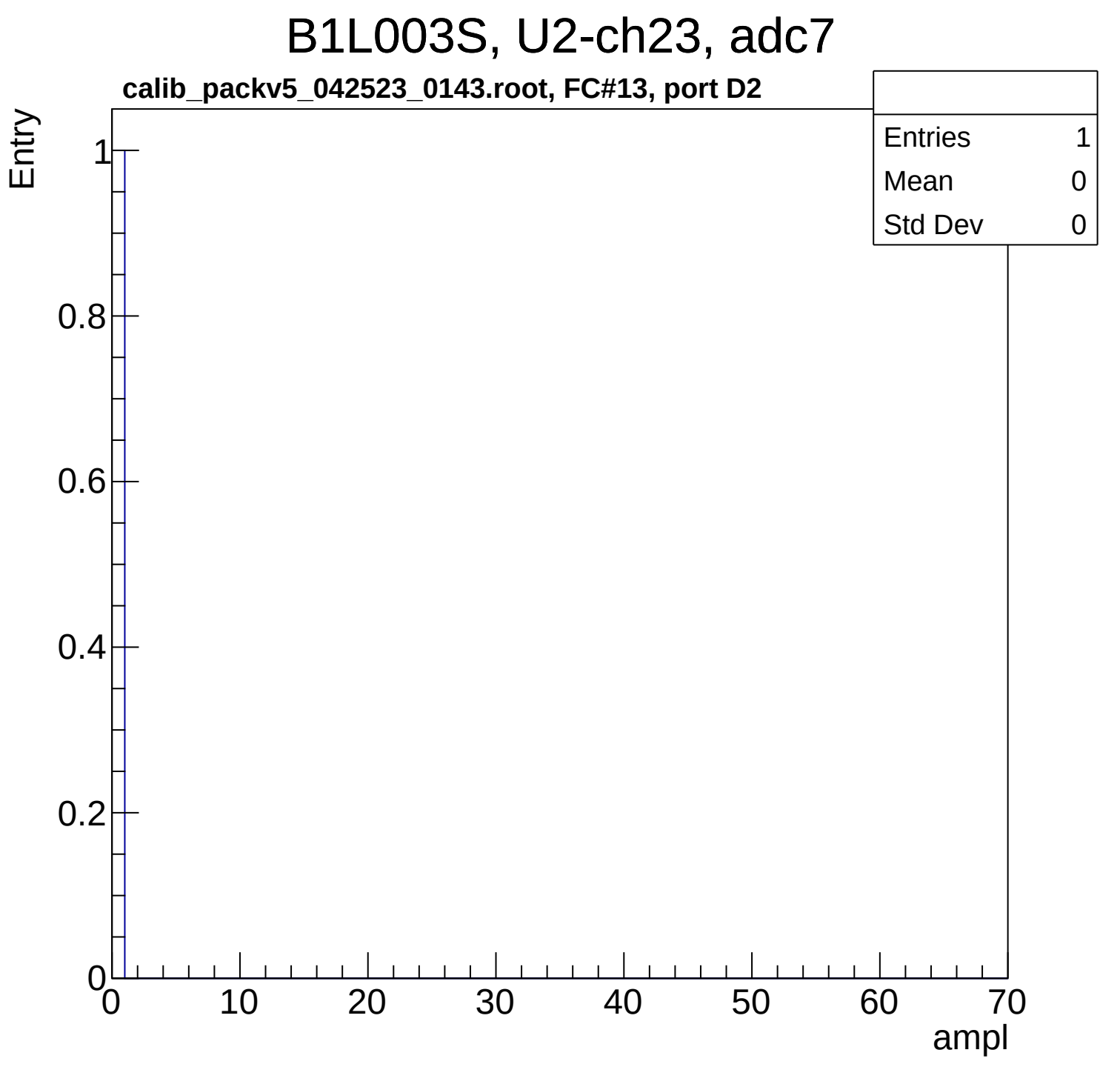

B1L003S, U2-ch23, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch23, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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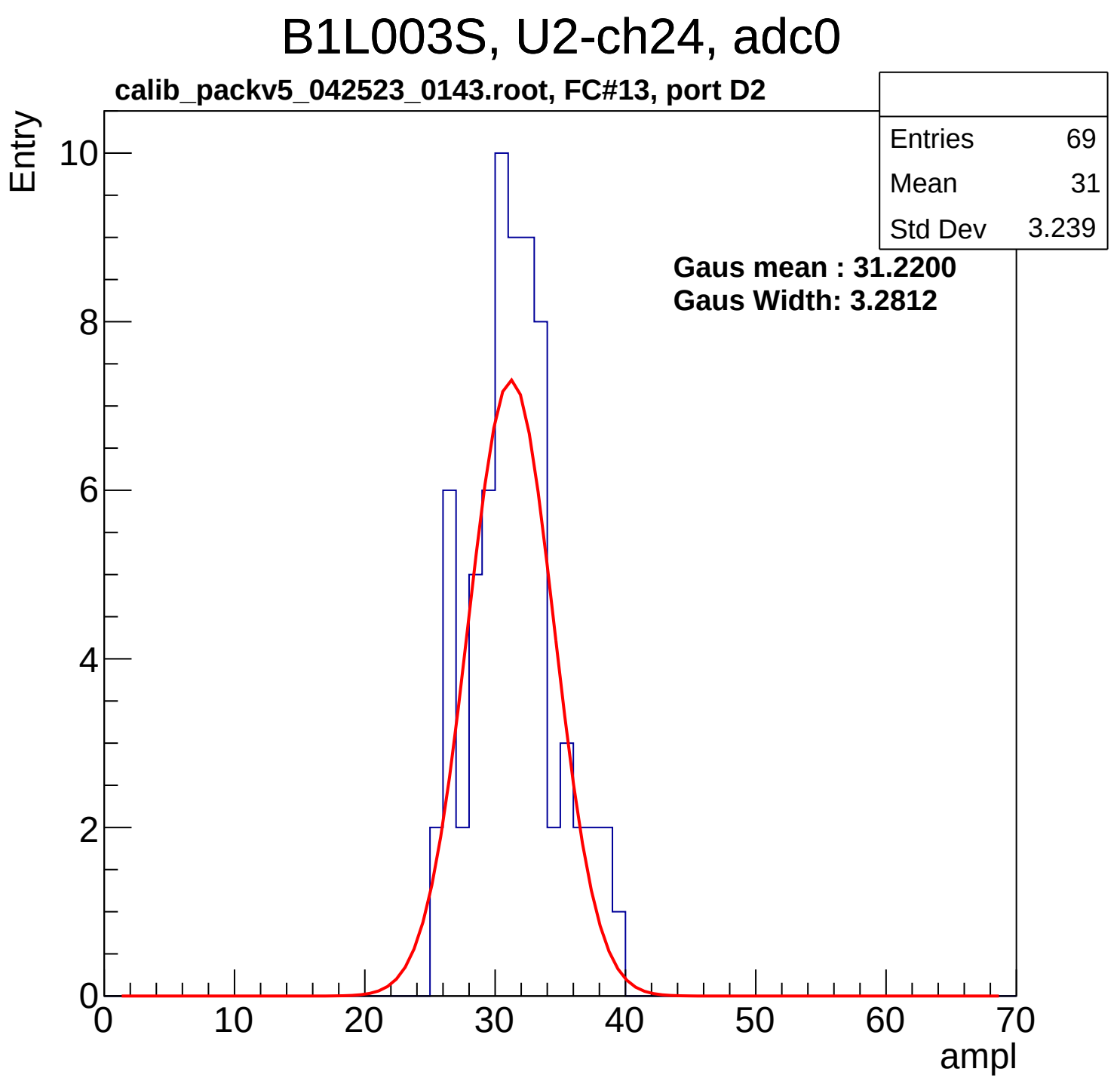
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch24, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 31
Std Dev 3.239
Gaus mean : 31.2200
Gaus Width: 3.2812
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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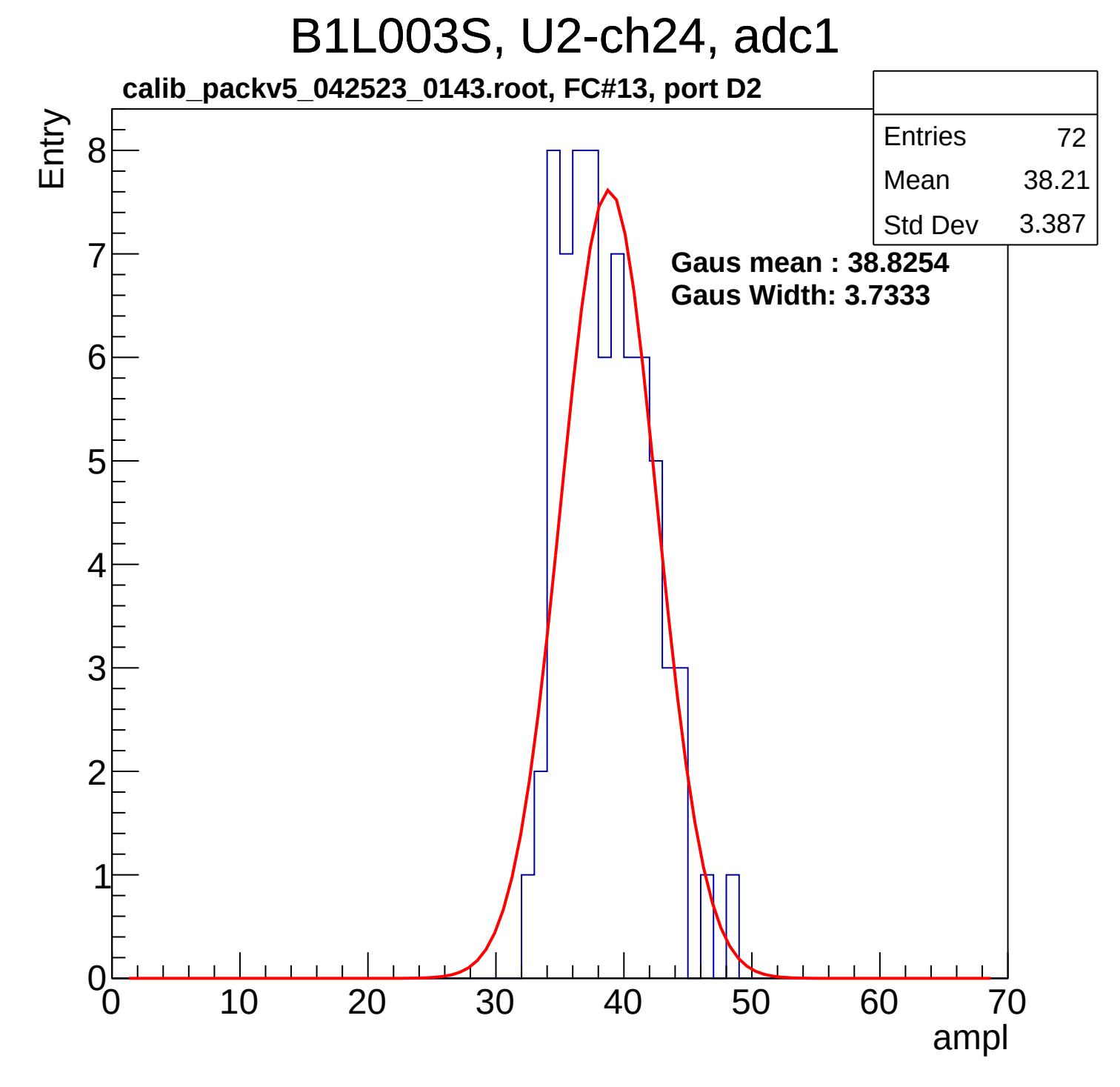
B1L003S, U2-ch24, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 38.21
Std Dev 3.387
Gaus mean : 38.8254
Gaus Width: 3.7333
Entry
ampl
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1
2
3
4
5
6
7
8
0
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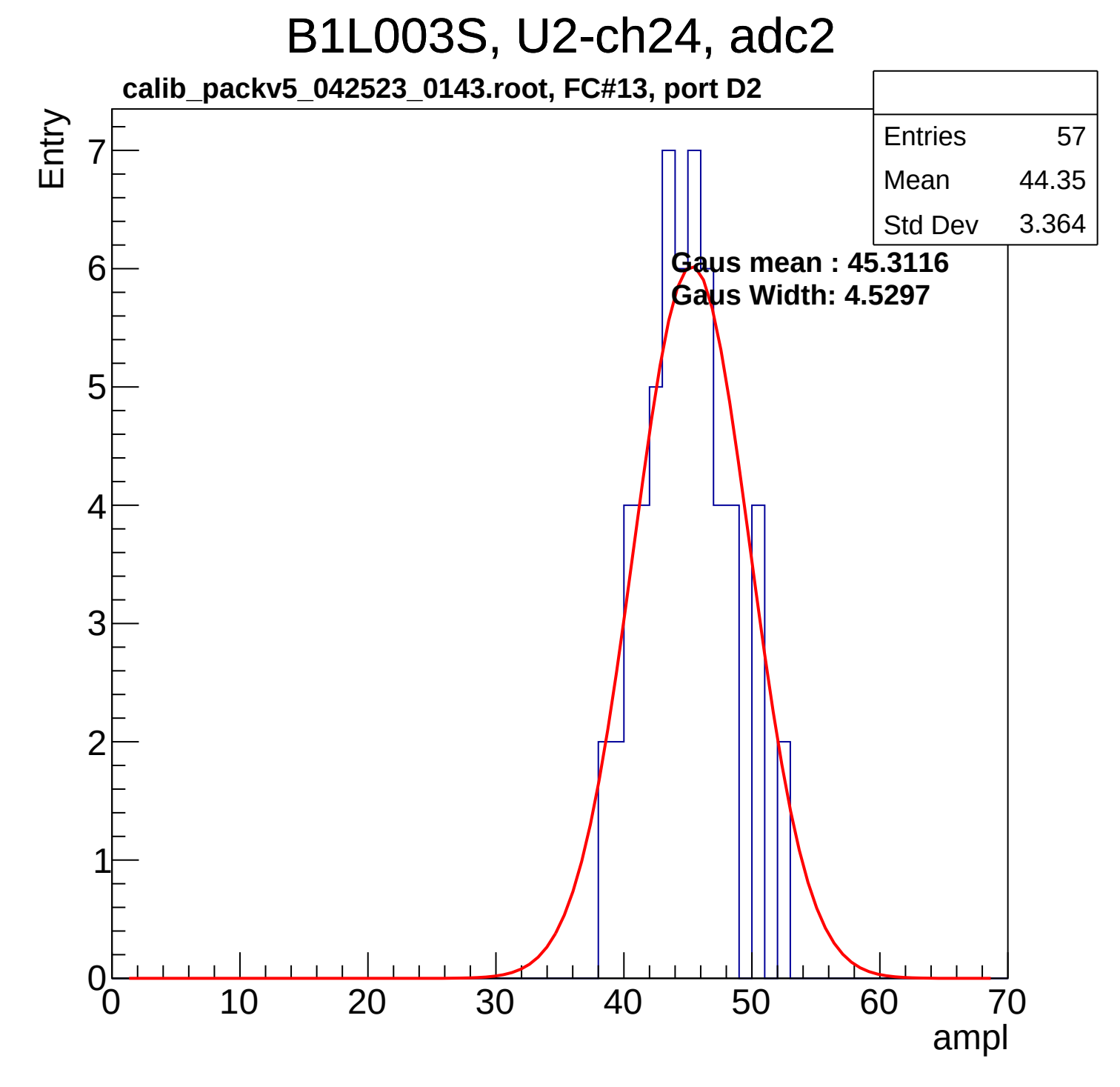
B1L003S, U2-ch24, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 44.35
Std Dev 3.364
Gaus mean : 45.3116
Gaus Width: 4.5297
Entry
ampl
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1
2
3
4
5
6
7
0
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60
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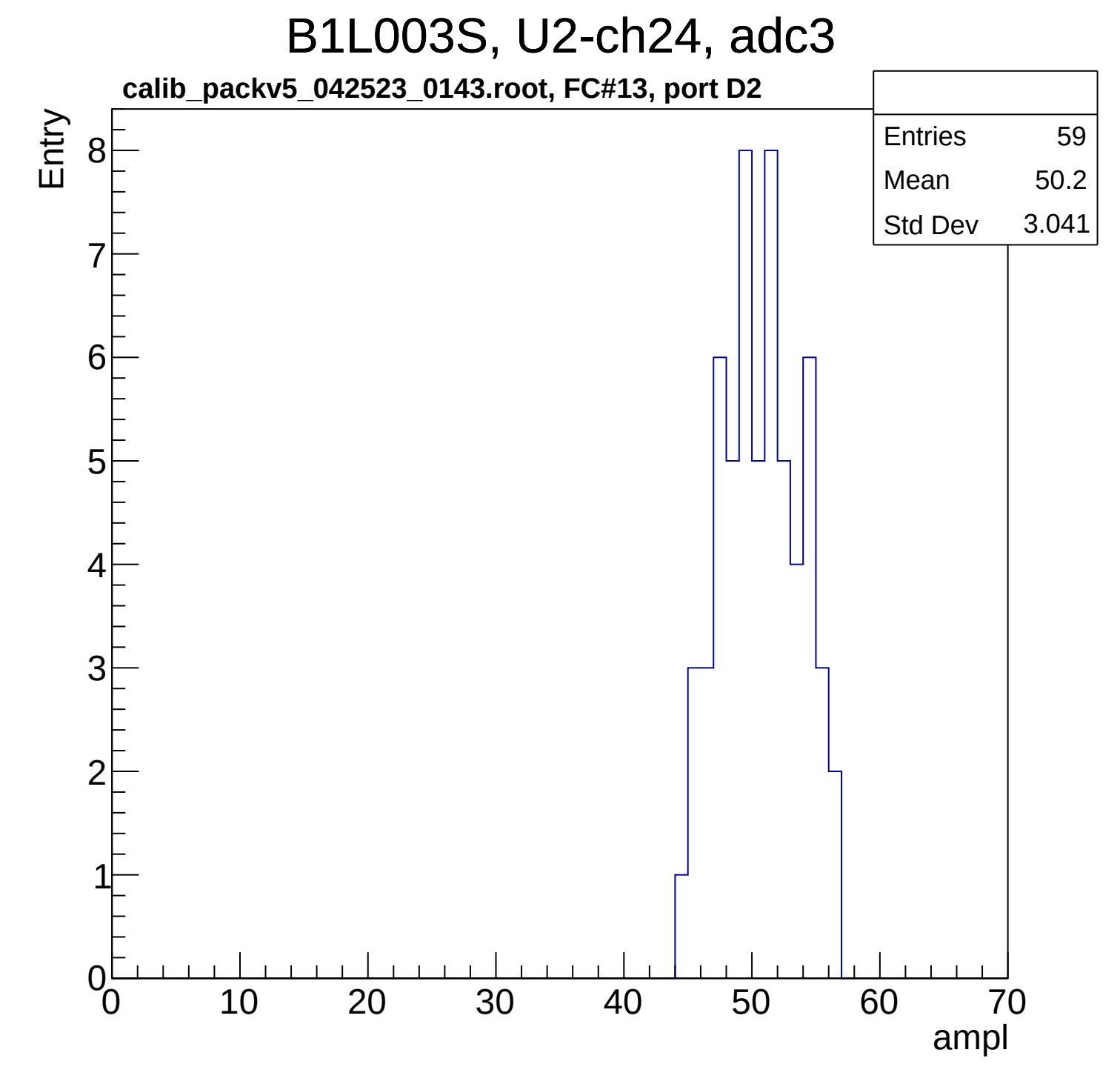
B1L003S, U2-ch24, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 50.2
Std Dev 3.041
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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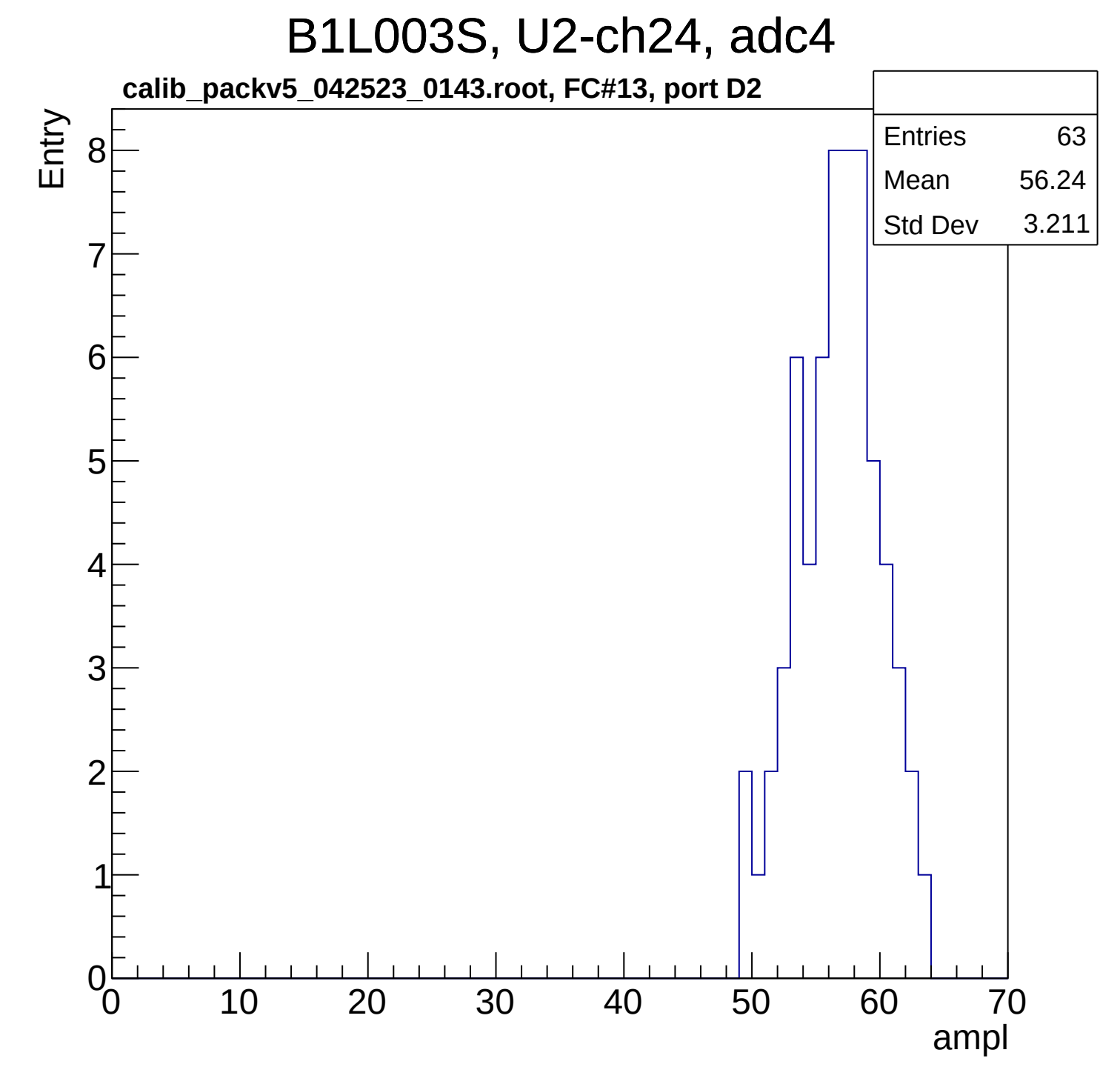
B1L003S, U2-ch24, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 56.24
Std Dev 3.211
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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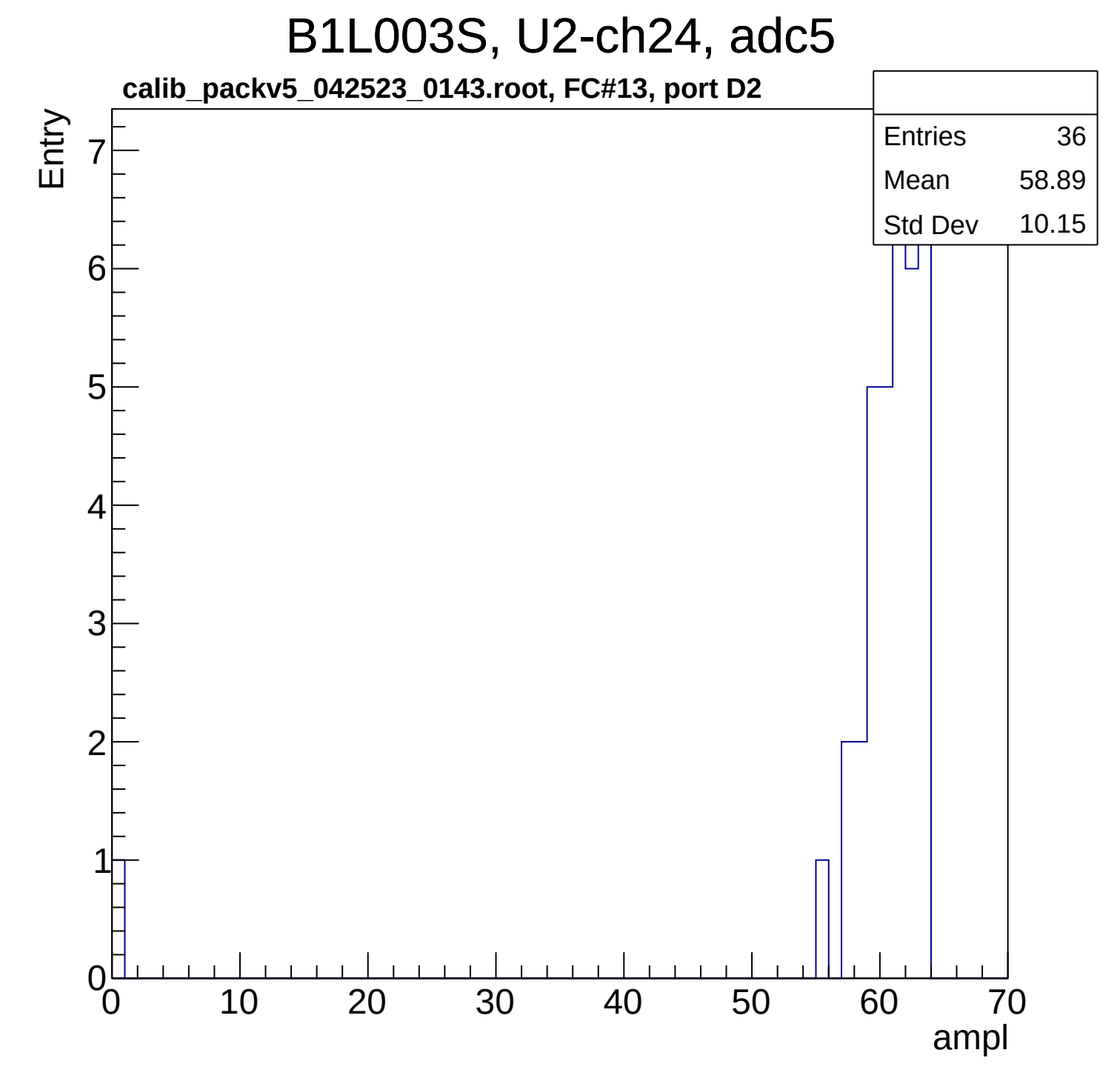
B1L003S, U2-ch24, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 58.89
Std Dev 10.15
Entry
ampl
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4
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6
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0
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40
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60
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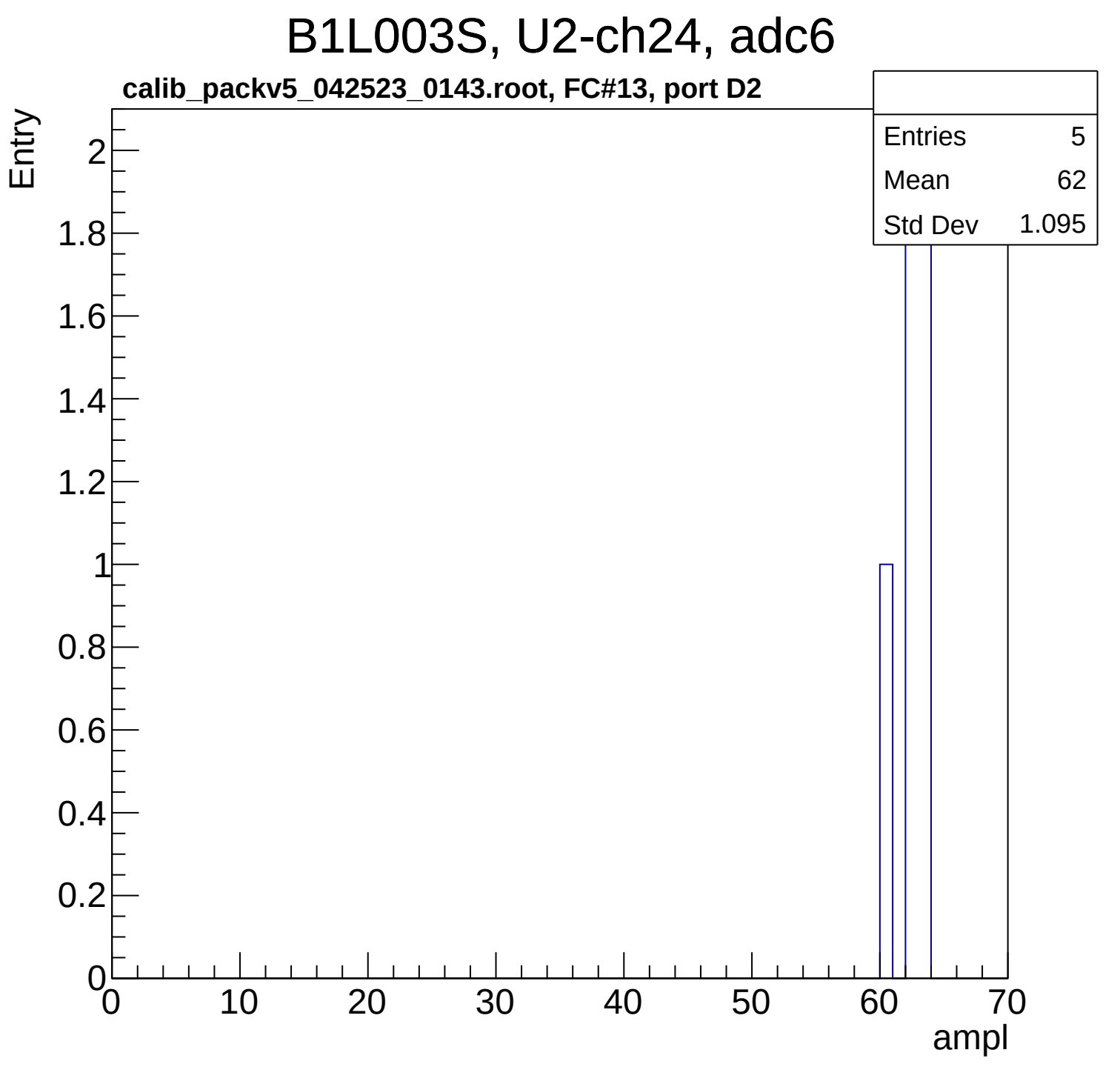
B1L003S, U2-ch24, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62
Std Dev 1.095
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
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0
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60
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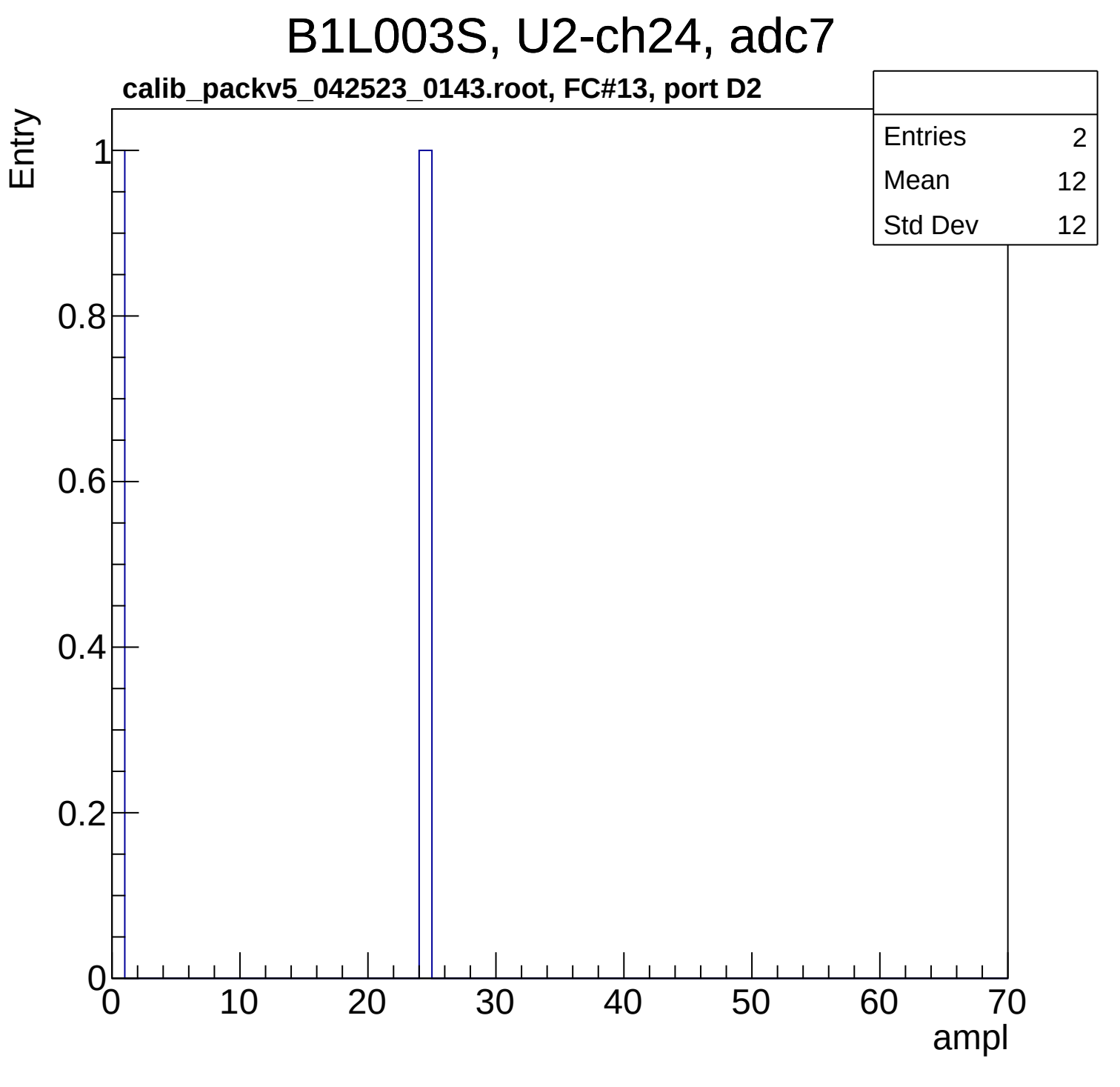
B1L003S, U2-ch24, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12
Std Dev 12
Entry
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0.6
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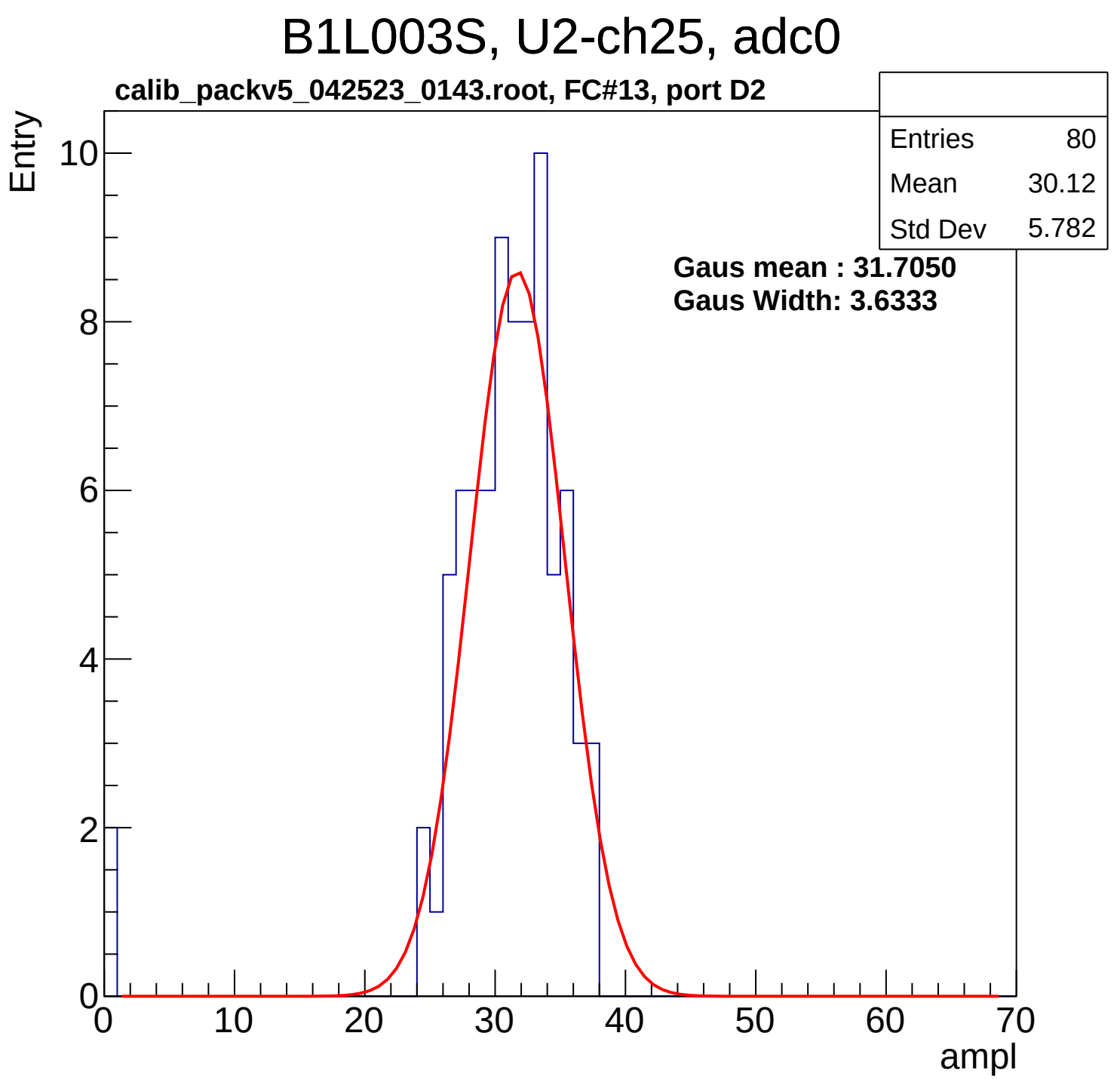
70
ampl


B1L003S, U2-ch25, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 30.12
Std Dev 5.782
Gaus mean : 31.7050
Gaus Width: 3.6333
Entry
ampl
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2
4
6
8
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0
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40
50
60
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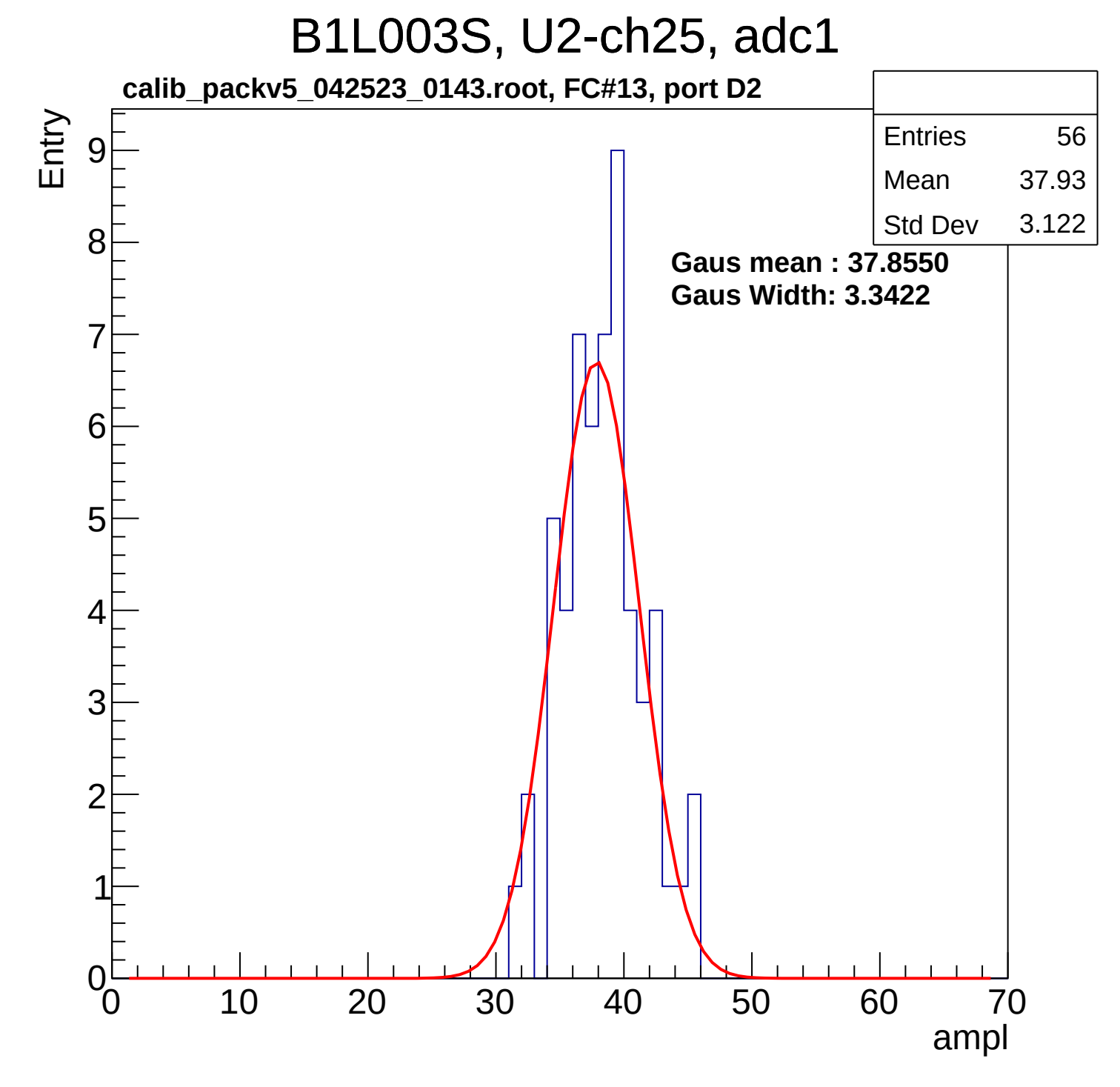
B1L003S, U2-ch25, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 37.93
Std Dev 3.122
Gaus mean : 37.8550
Gaus Width: 3.3422
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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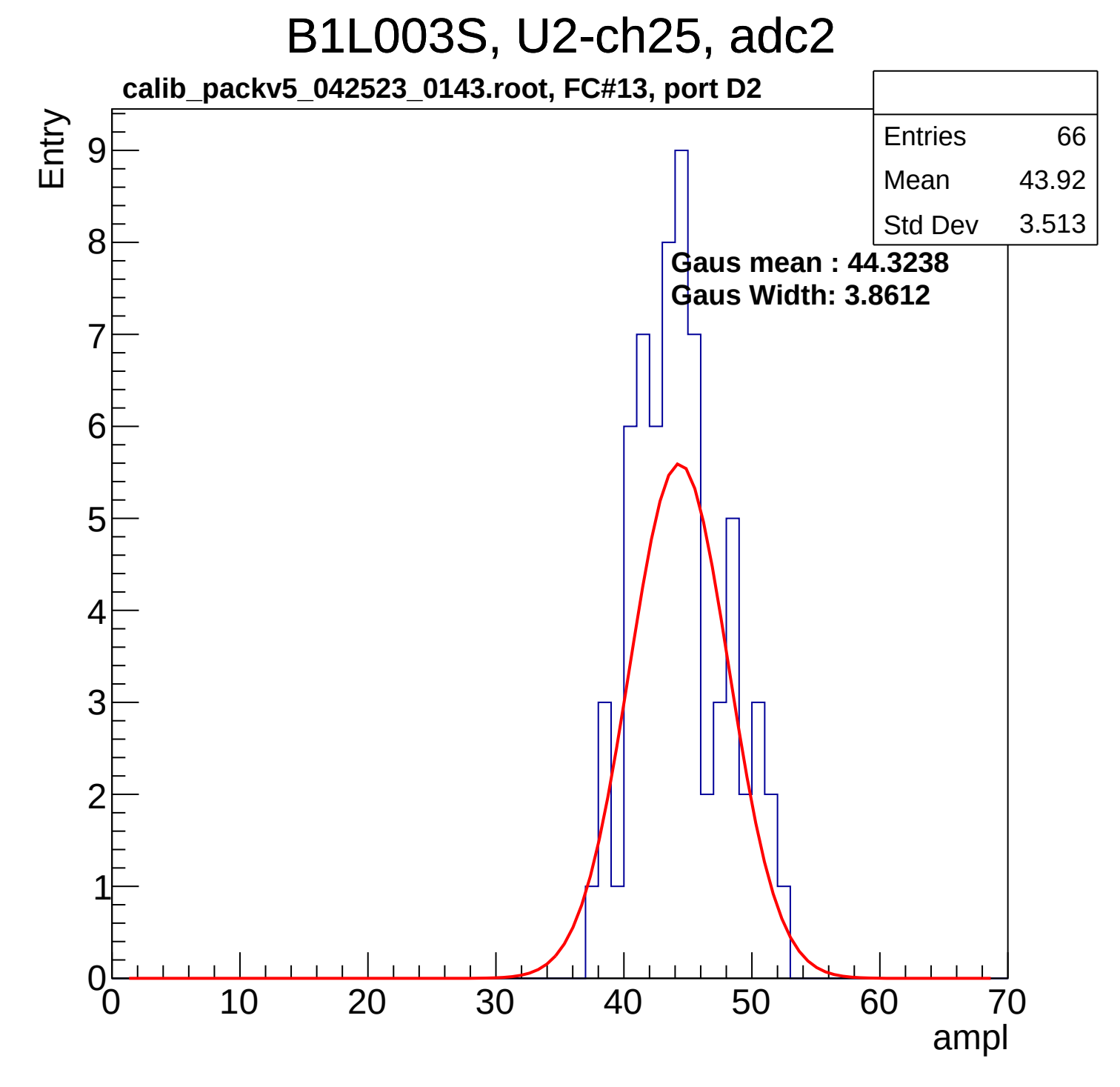
B1L003S, U2-ch25, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 43.92
Std Dev 3.513
Gaus mean : 44.3238
Gaus Width: 3.8612
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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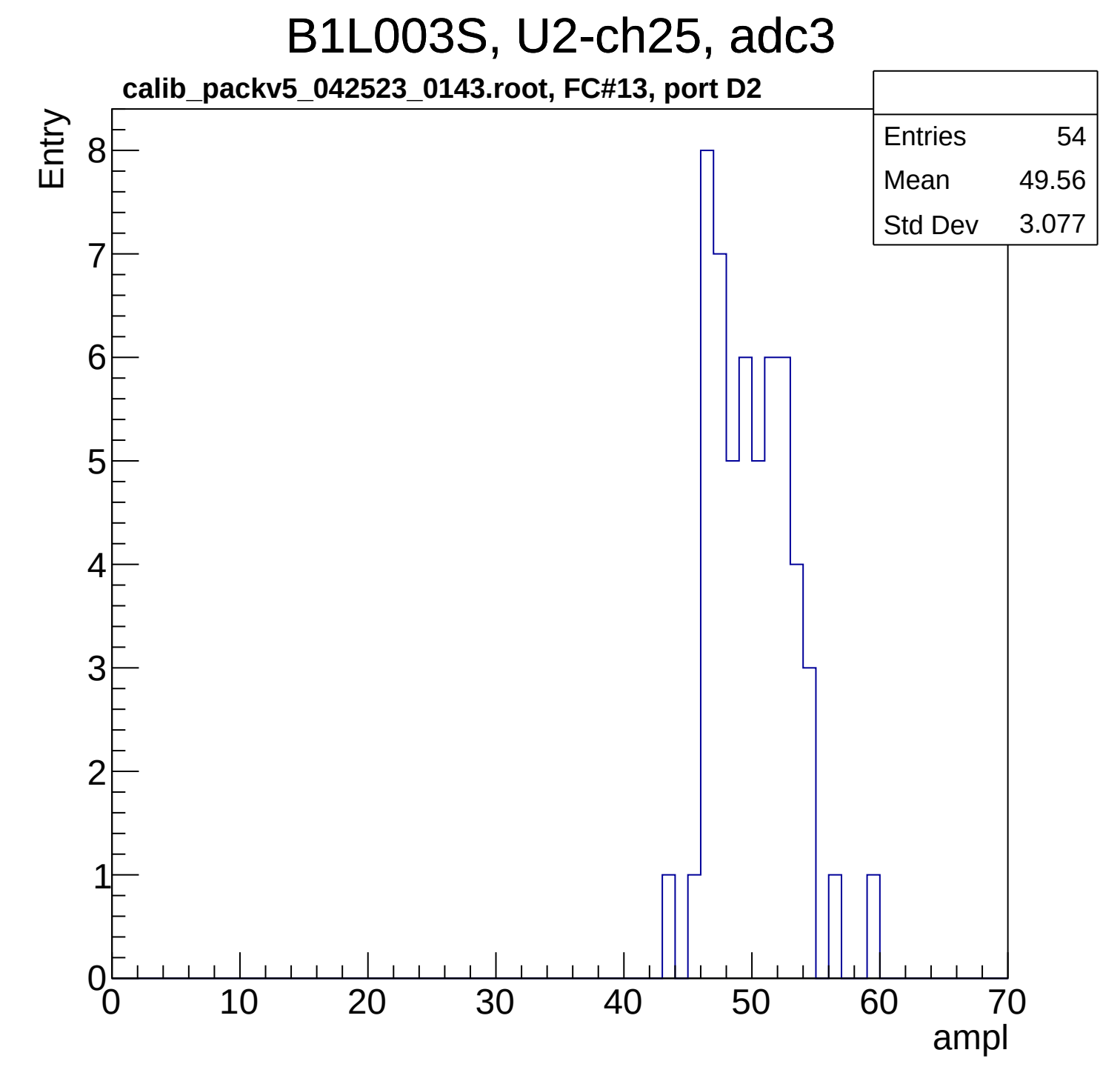
B1L003S, U2-ch25, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 49.56
Std Dev 3.077
Entry
ampl
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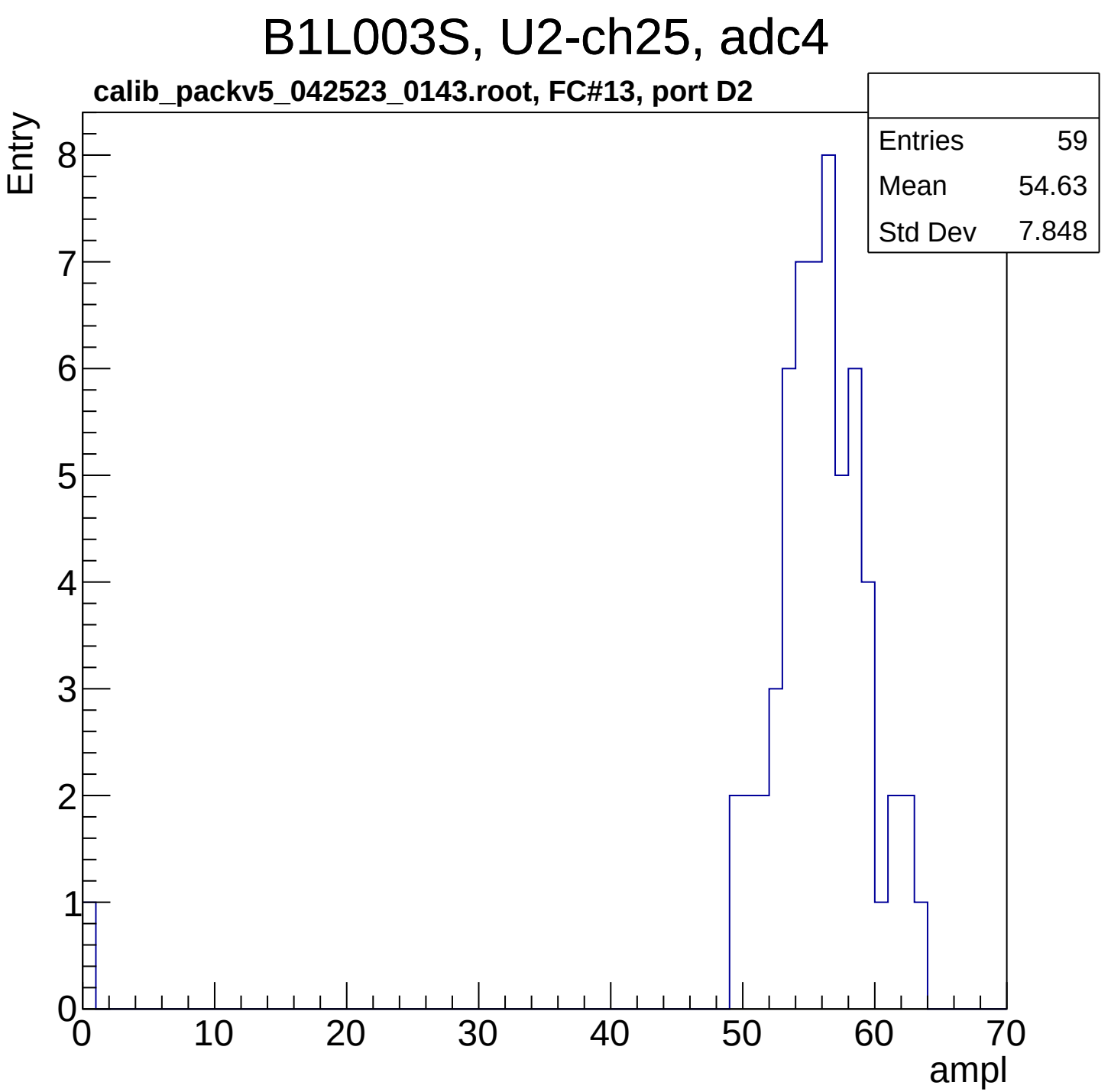
B1L003S, U2-ch25, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 54.63
Std Dev 7.848
Entry
ampl
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2
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5
6
7
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0
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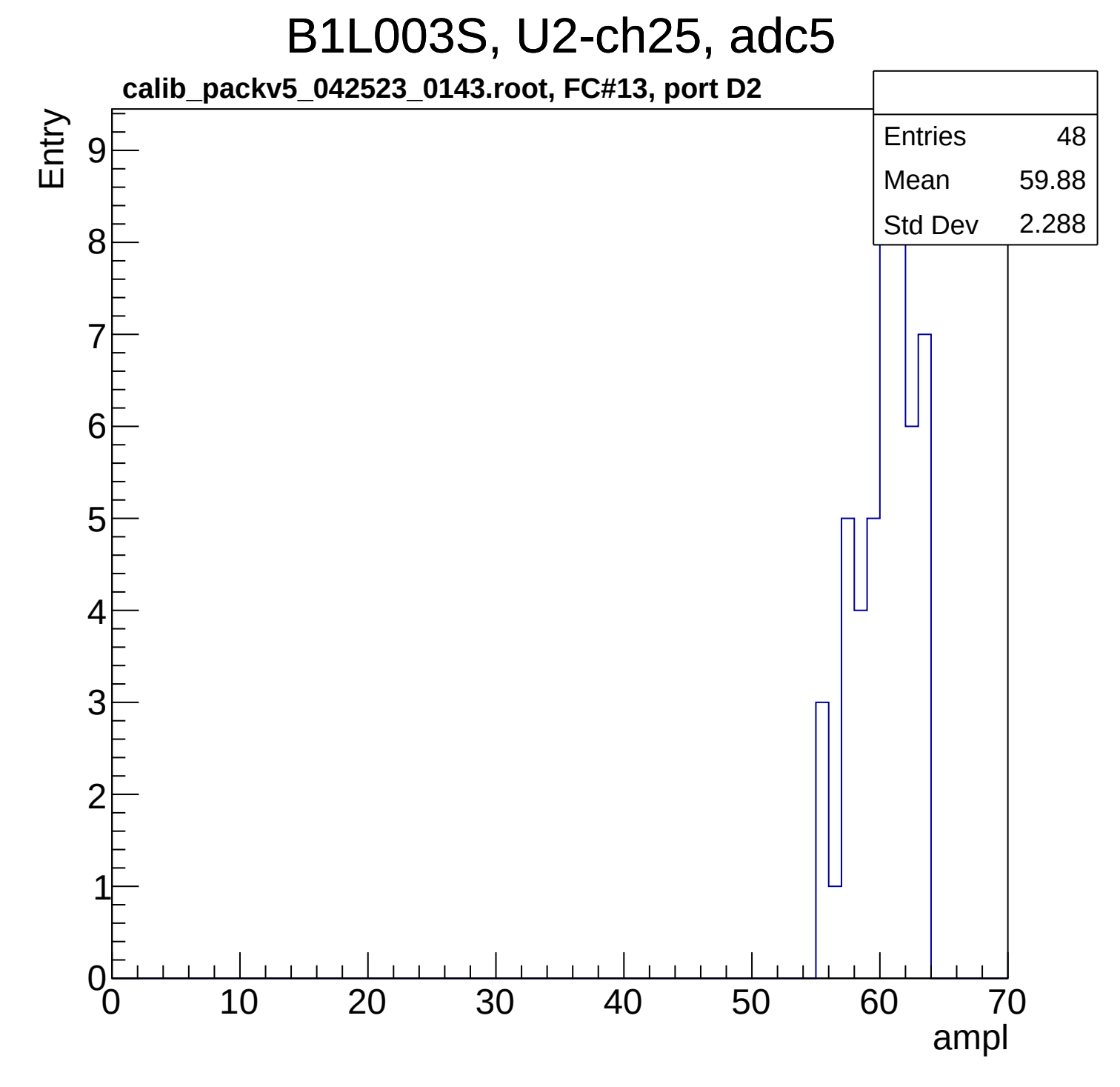
B1L003S, U2-ch25, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 59.88
Std Dev 2.288
Entry
ampl
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5
6
7
8
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0
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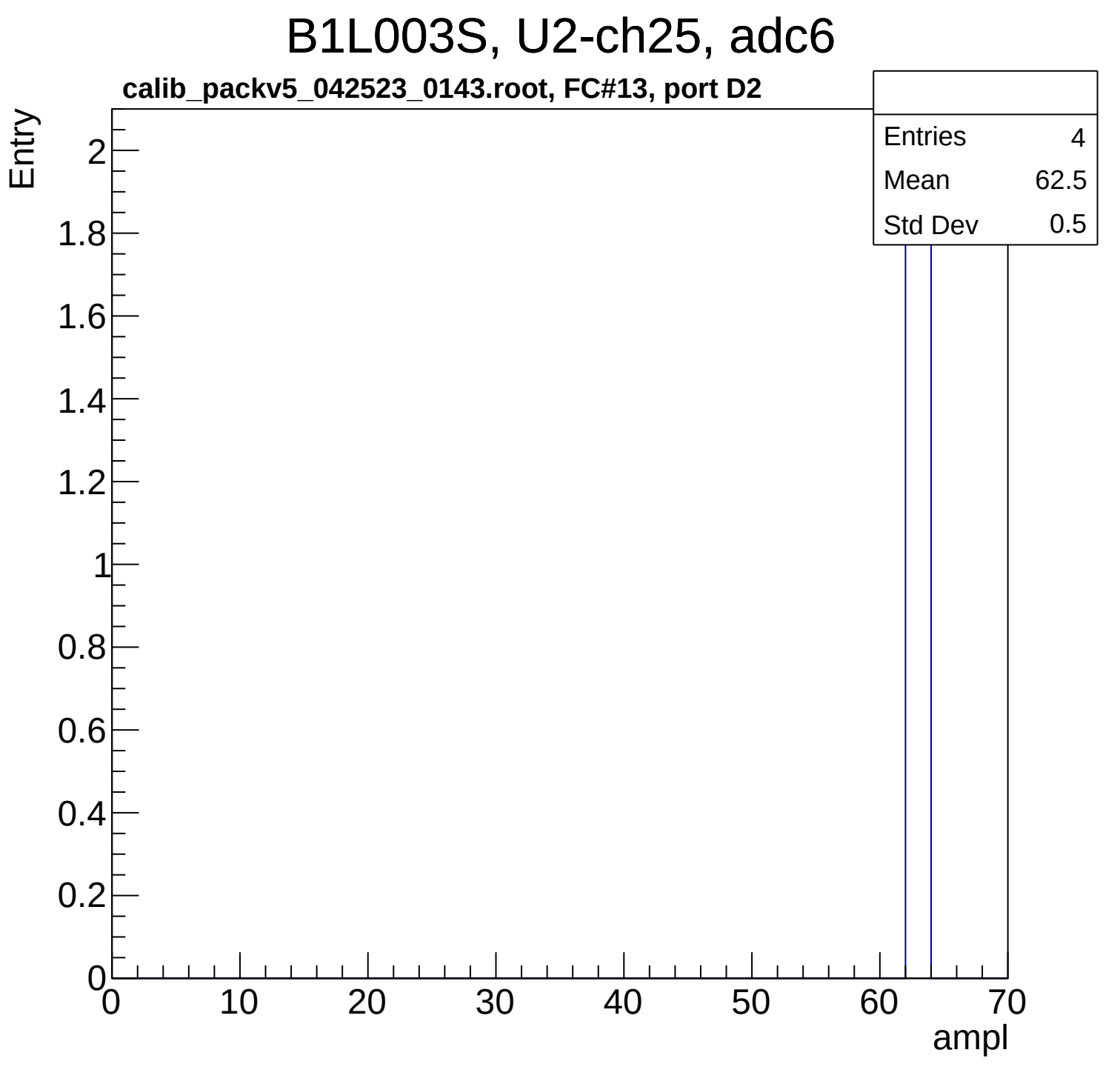
B1L003S, U2-ch25, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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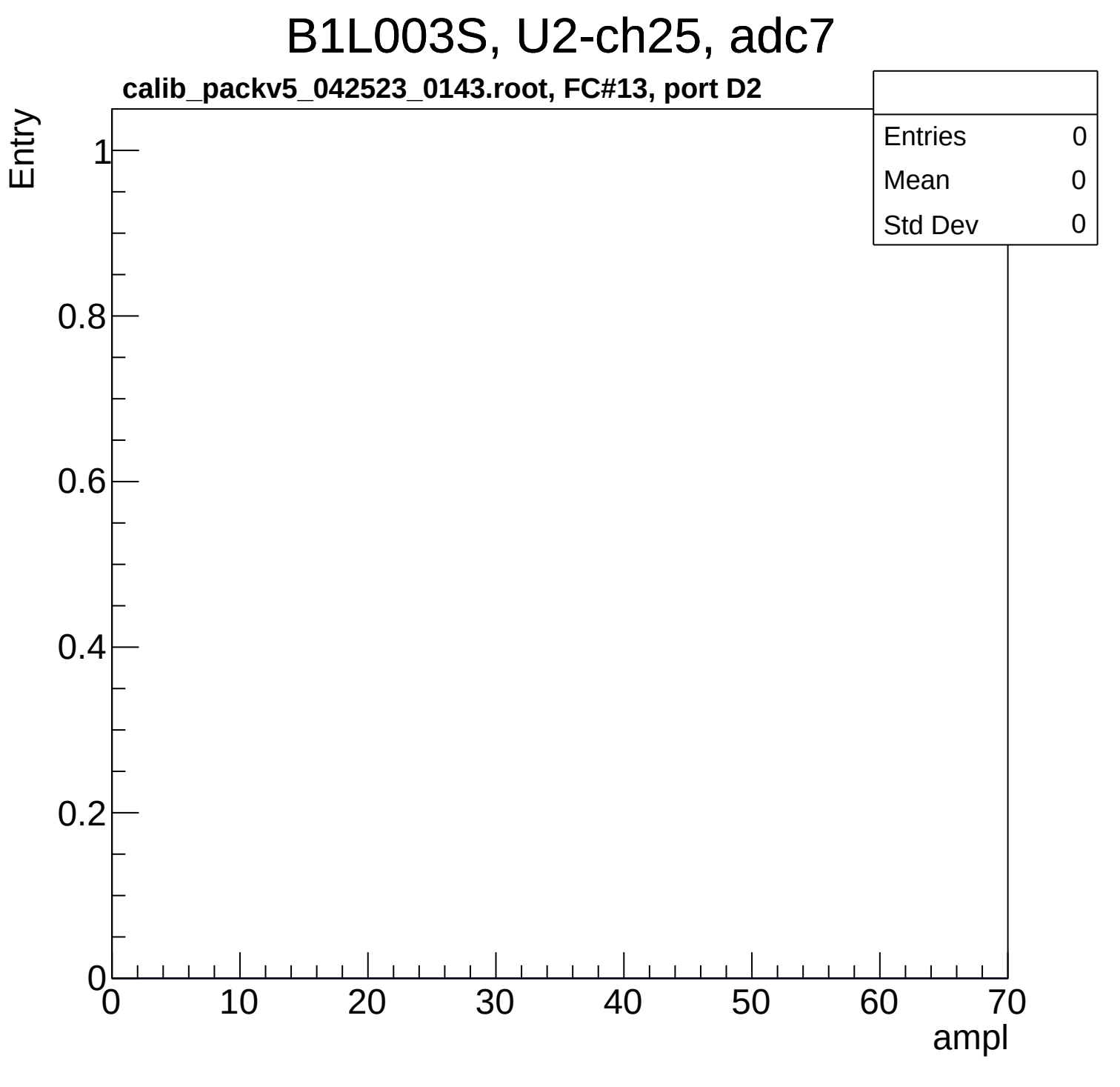
B1L003S, U2-ch25, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
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50
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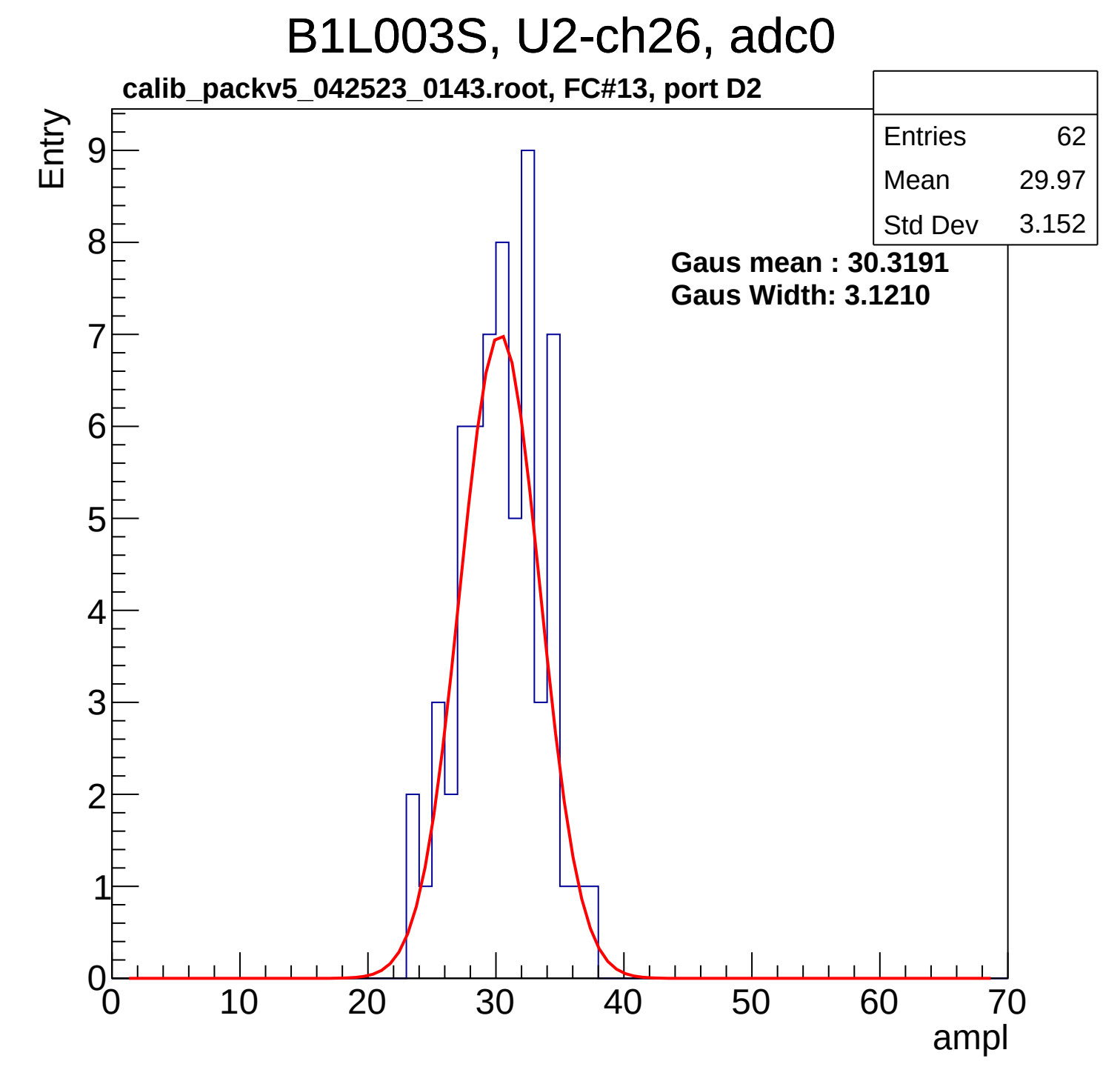
70
ampl


B1L003S, U2-ch26, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 29.97
Std Dev 3.152
Gaus mean : 30.3191
Gaus Width: 3.1210
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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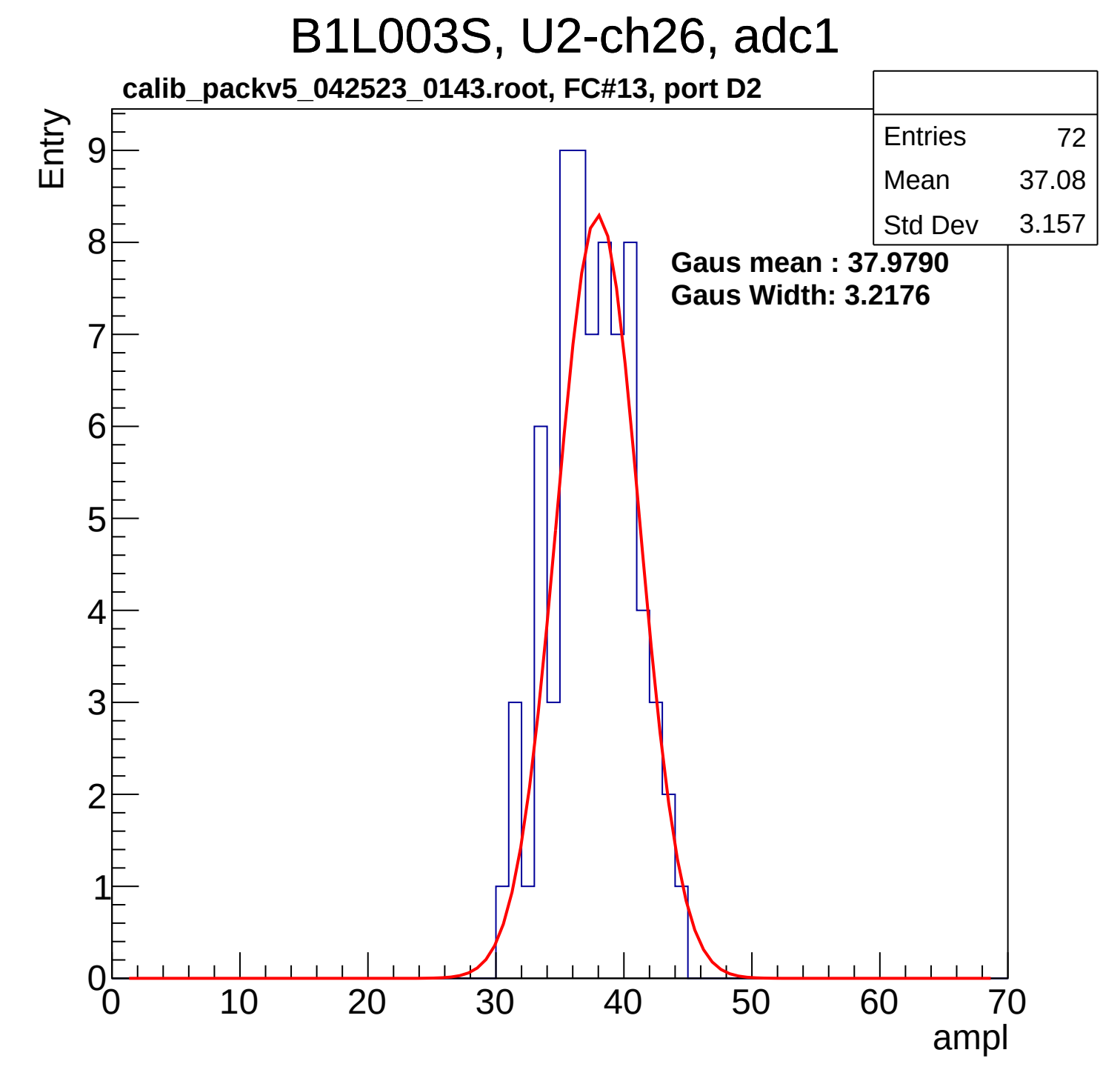
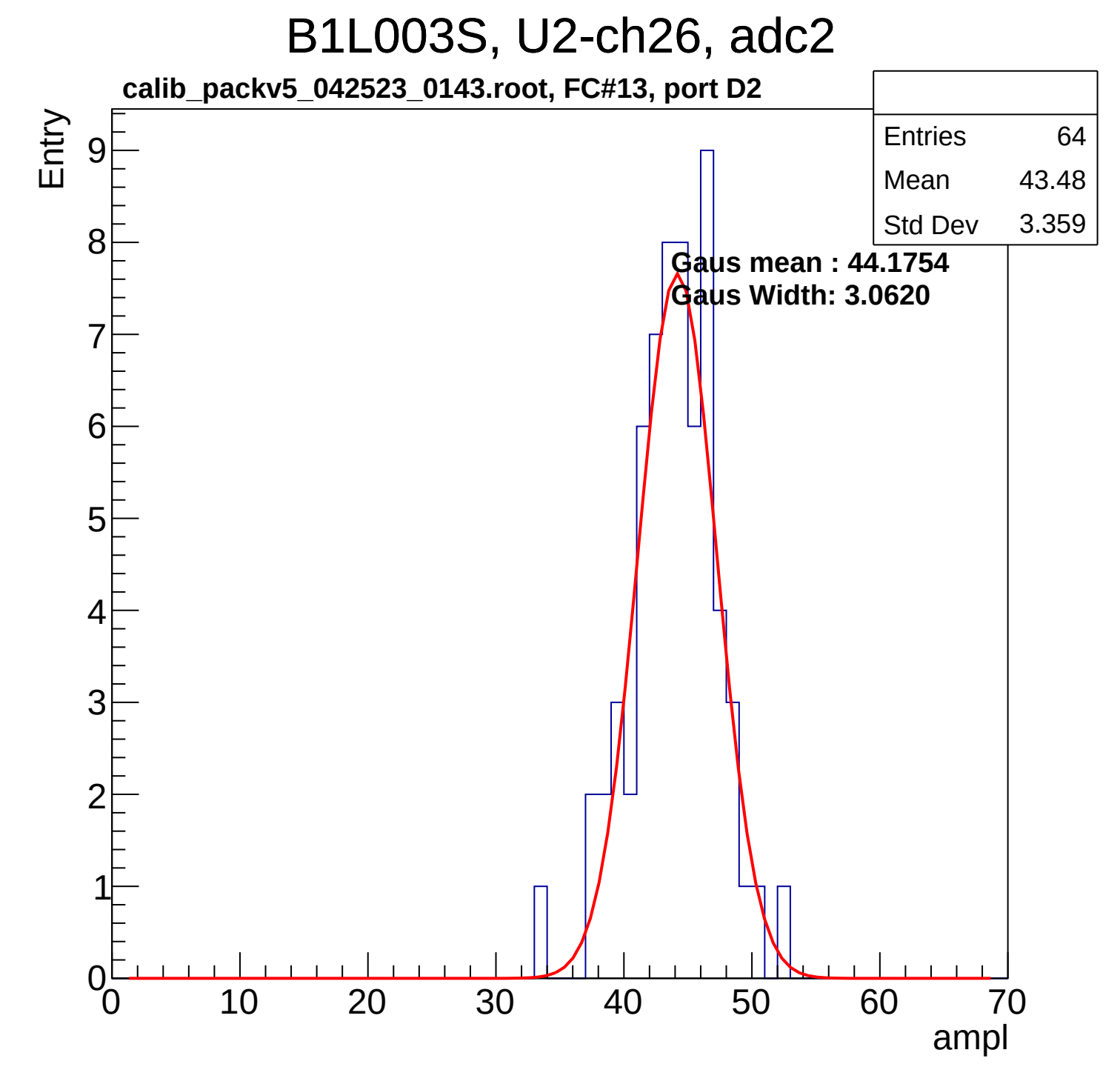

B1L003S, U2-ch26, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 37.08
Std Dev 3.157
Gaus mean : 37.9790
Gaus Width: 3.2176
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch26, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 43.48
Std Dev 3.359
Gaus mean : 44.1754
Gaus Width: 3.0620
Entry
ampl
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2
3
4
5
6
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8
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0
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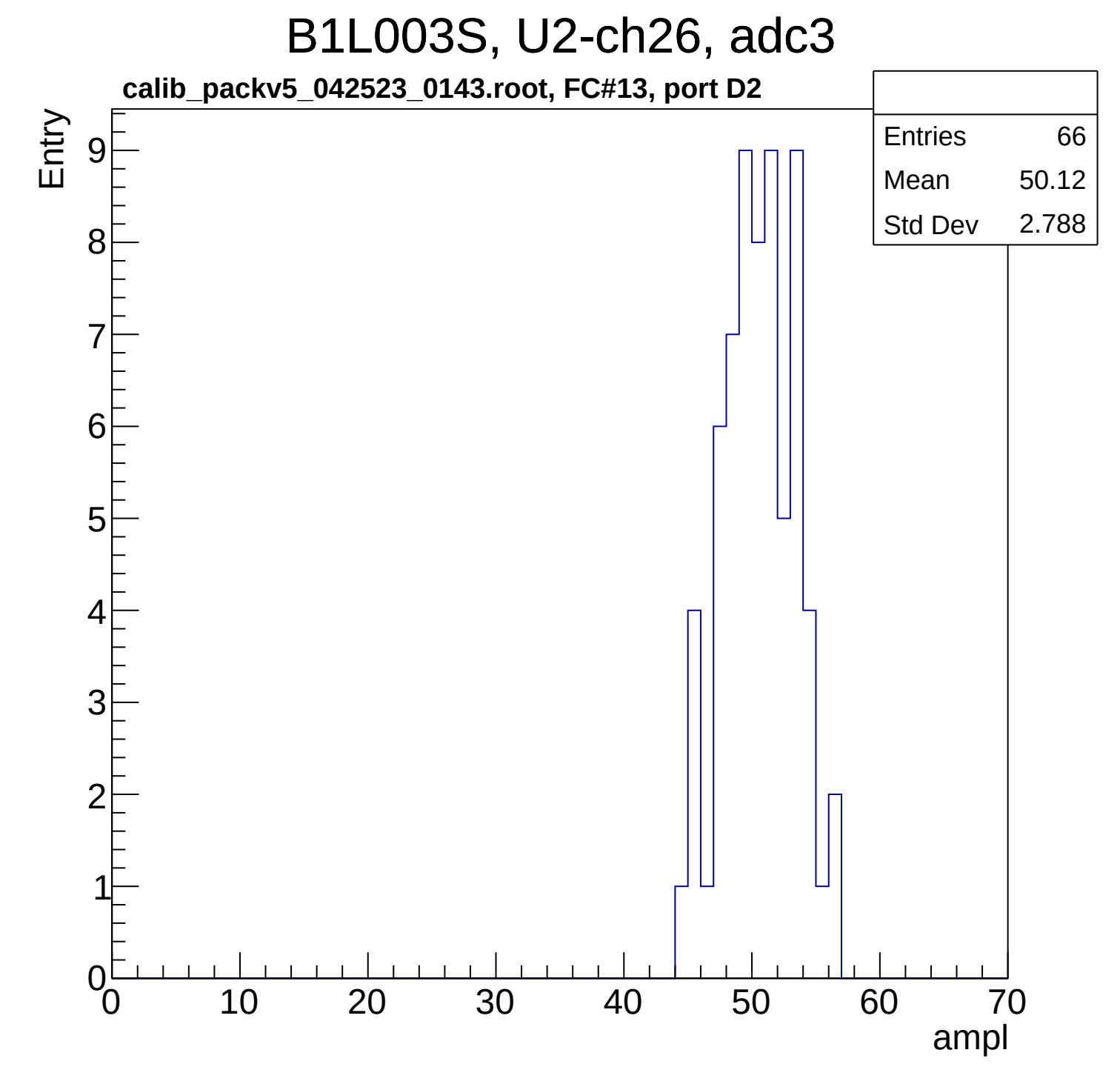
B1L003S, U2-ch26, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 50.12
Std Dev 2.788
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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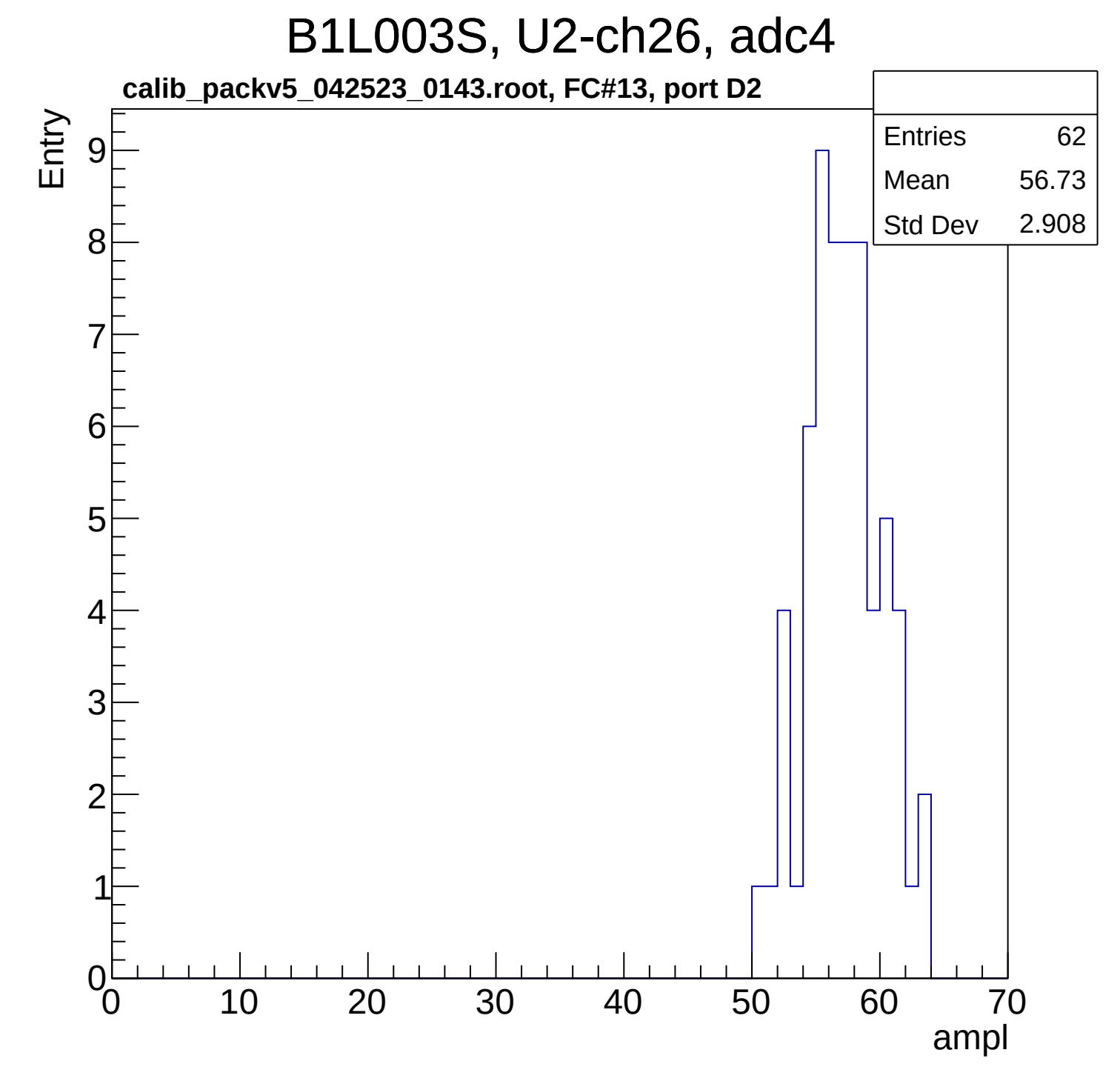
B1L003S, U2-ch26, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 56.73
Std Dev 2.908
Entry
ampl
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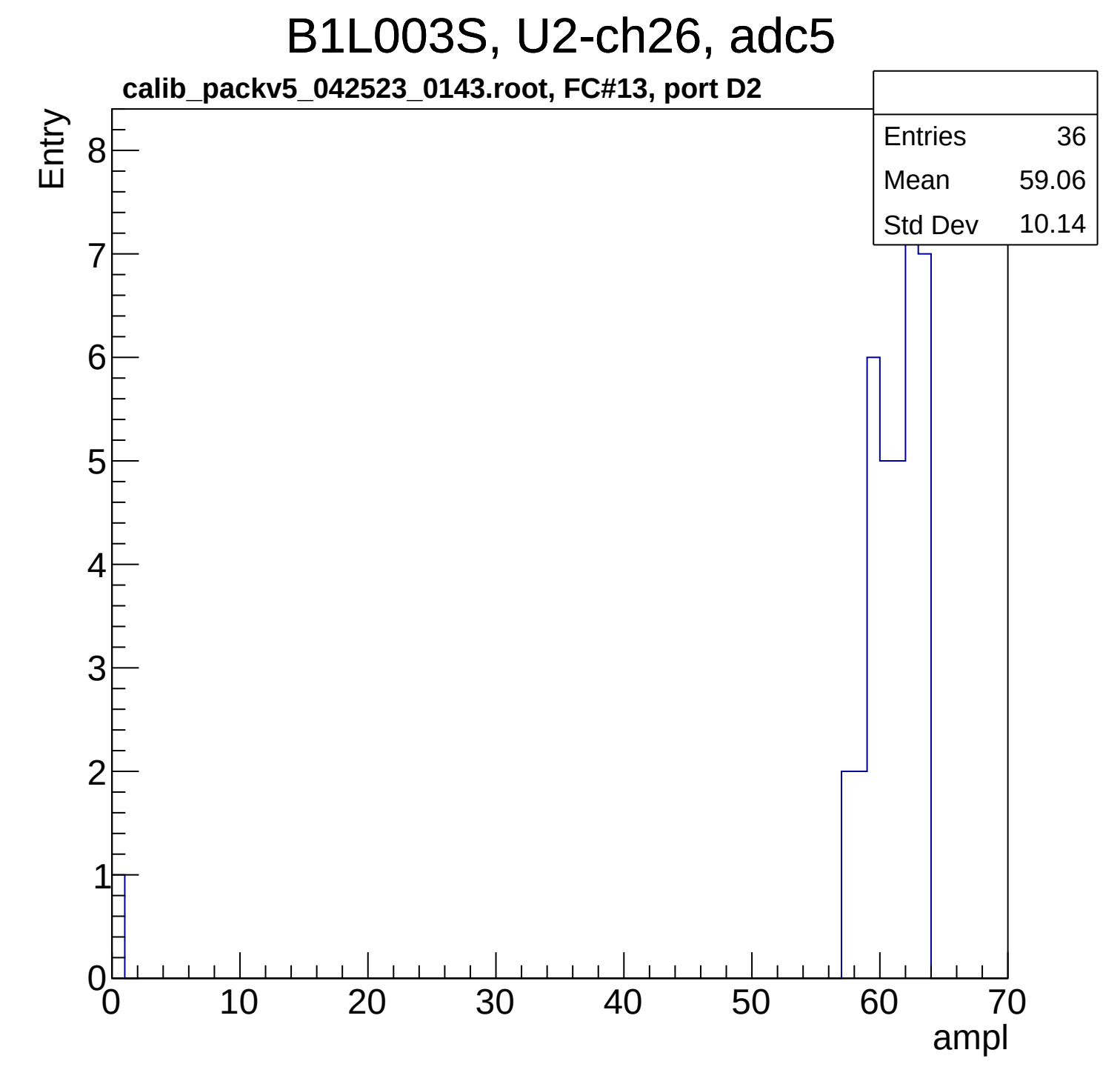
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch26, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 59.06
Std Dev 10.14
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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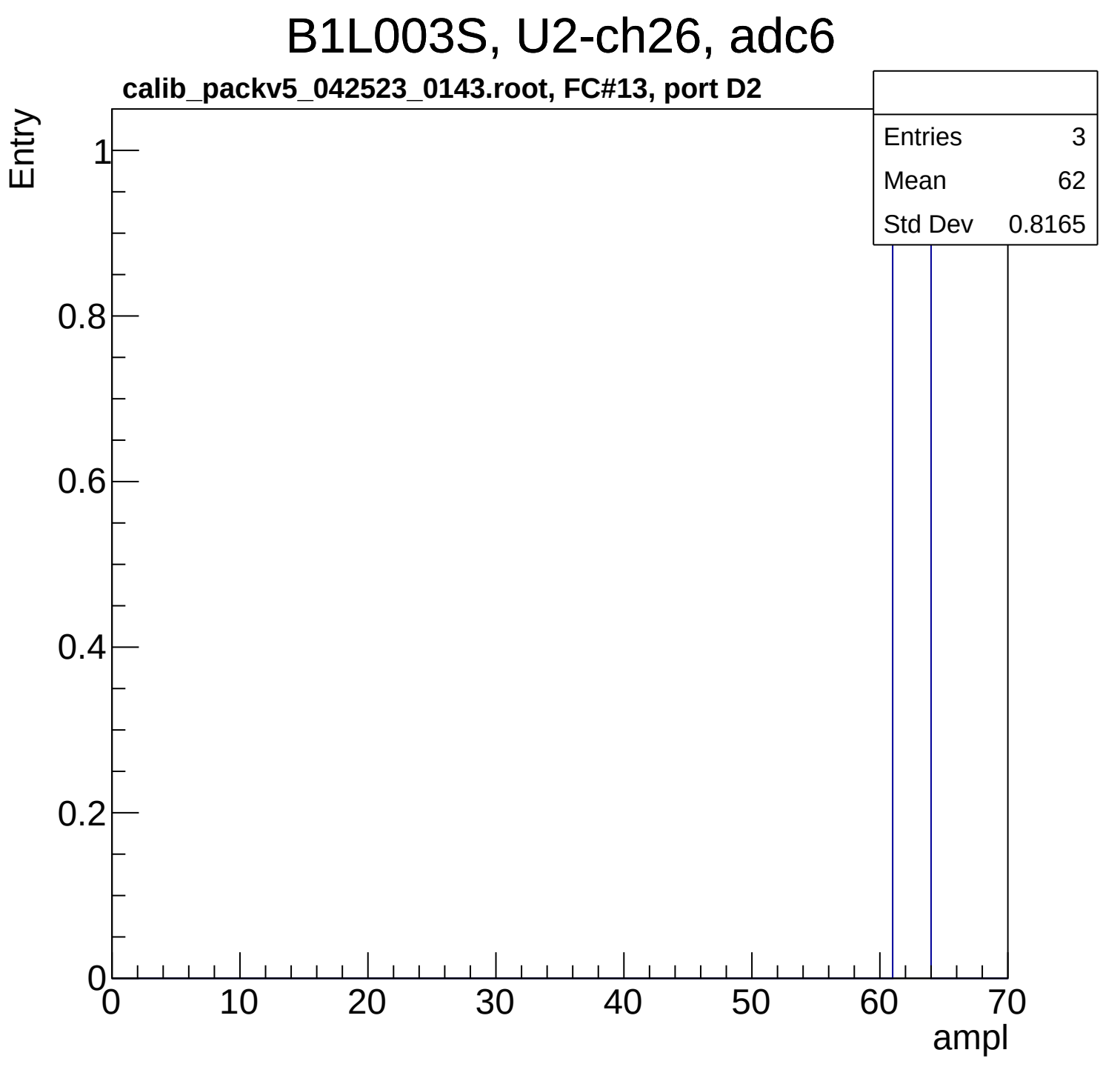
B1L003S, U2-ch26, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62
Std Dev 0.8165
Entry
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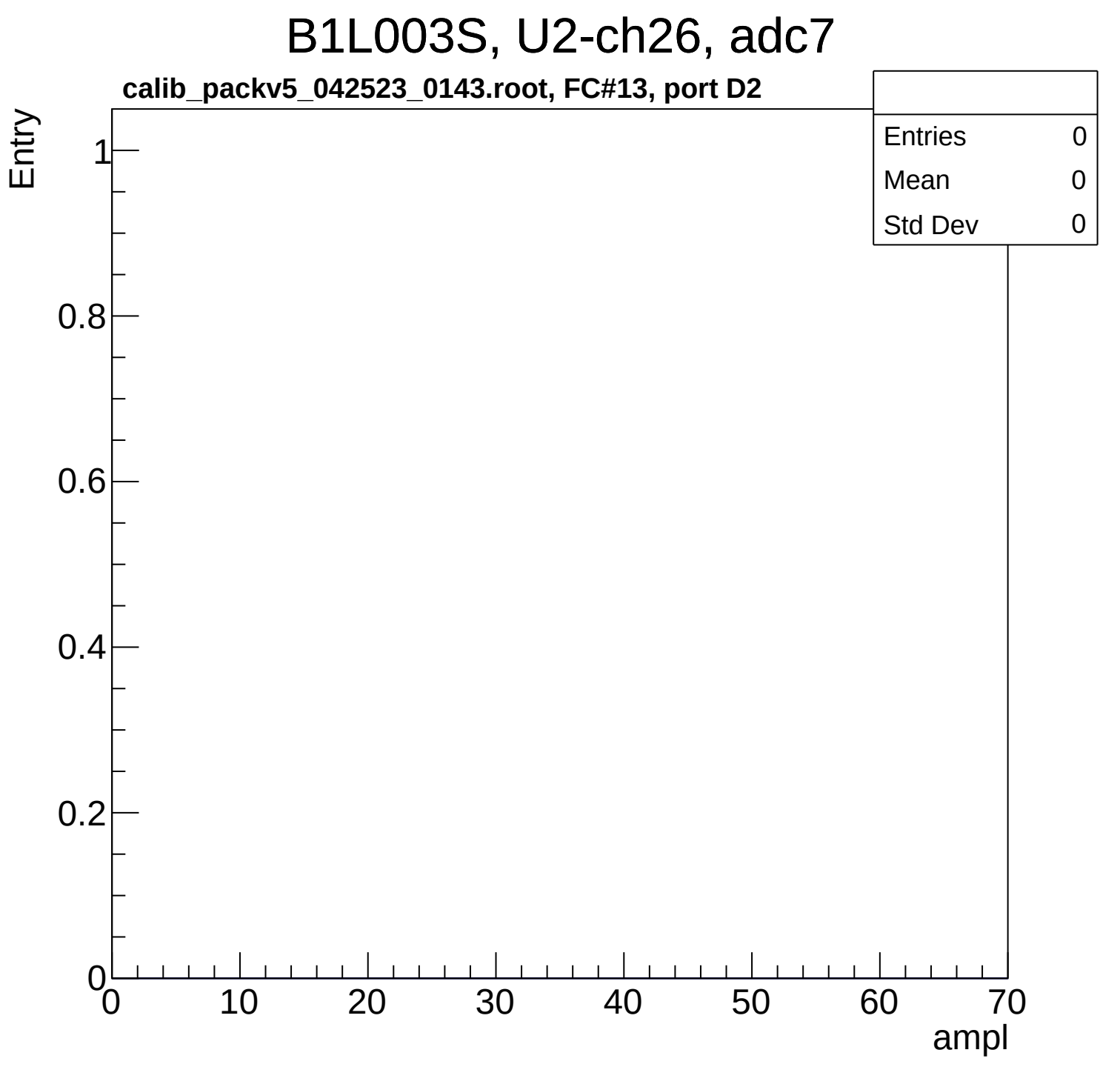
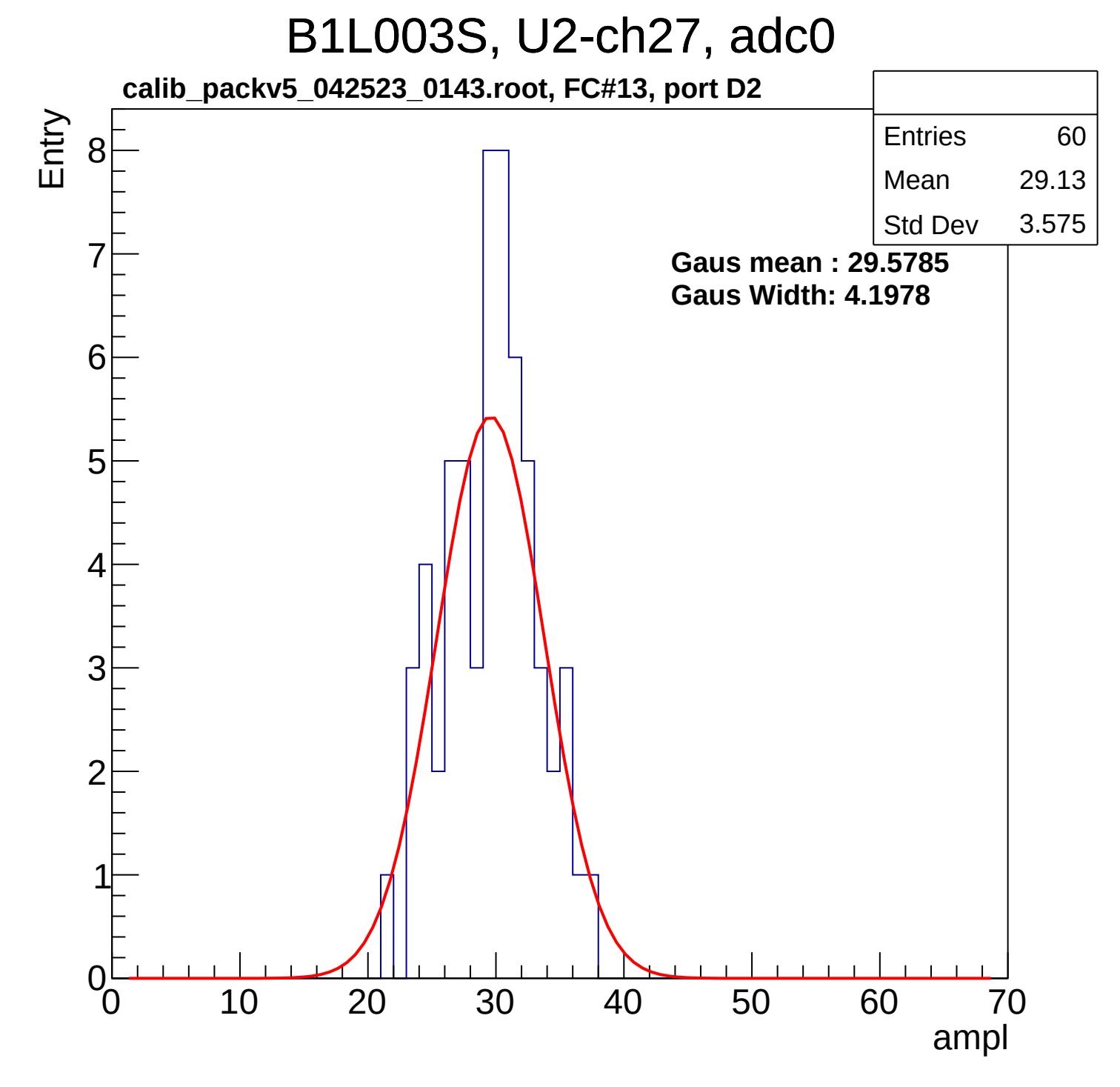
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch26, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch27, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 29.13
Std Dev 3.575
Gaus mean : 29.5785
Gaus Width: 4.1978
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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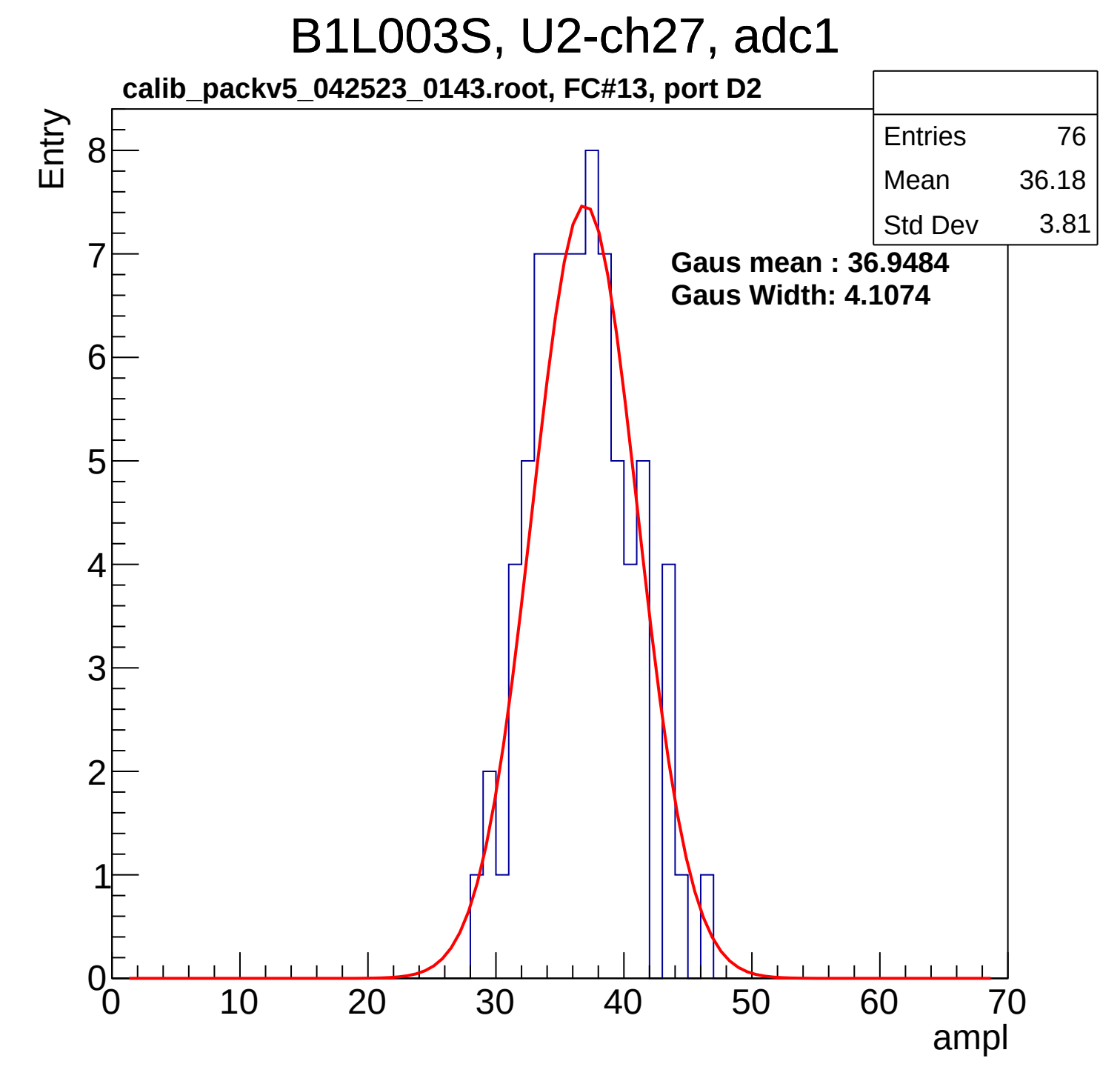
B1L003S, U2-ch27, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 36.18
Std Dev 3.81
Gaus mean : 36.9484
Gaus Width: 4.1074
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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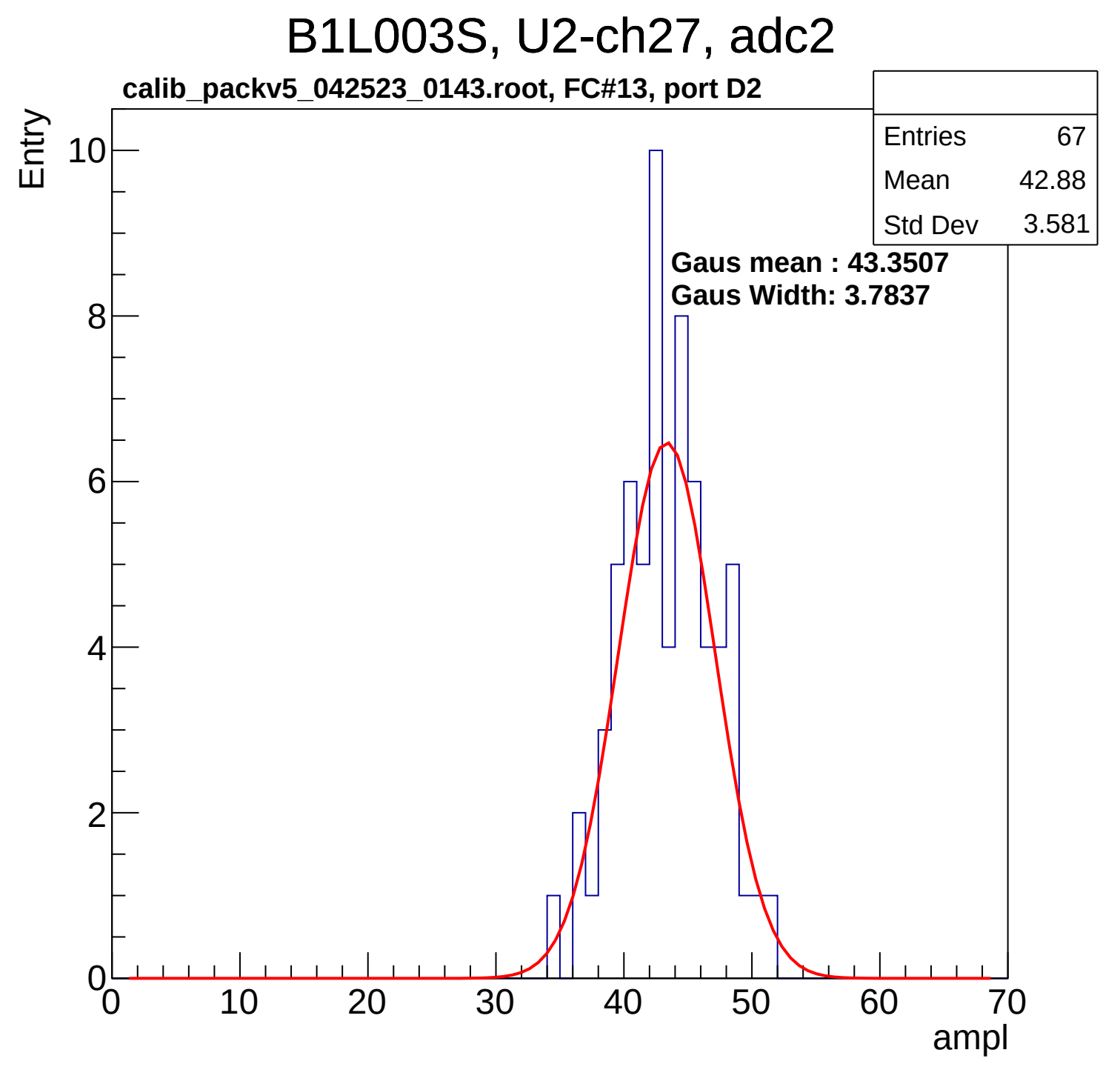
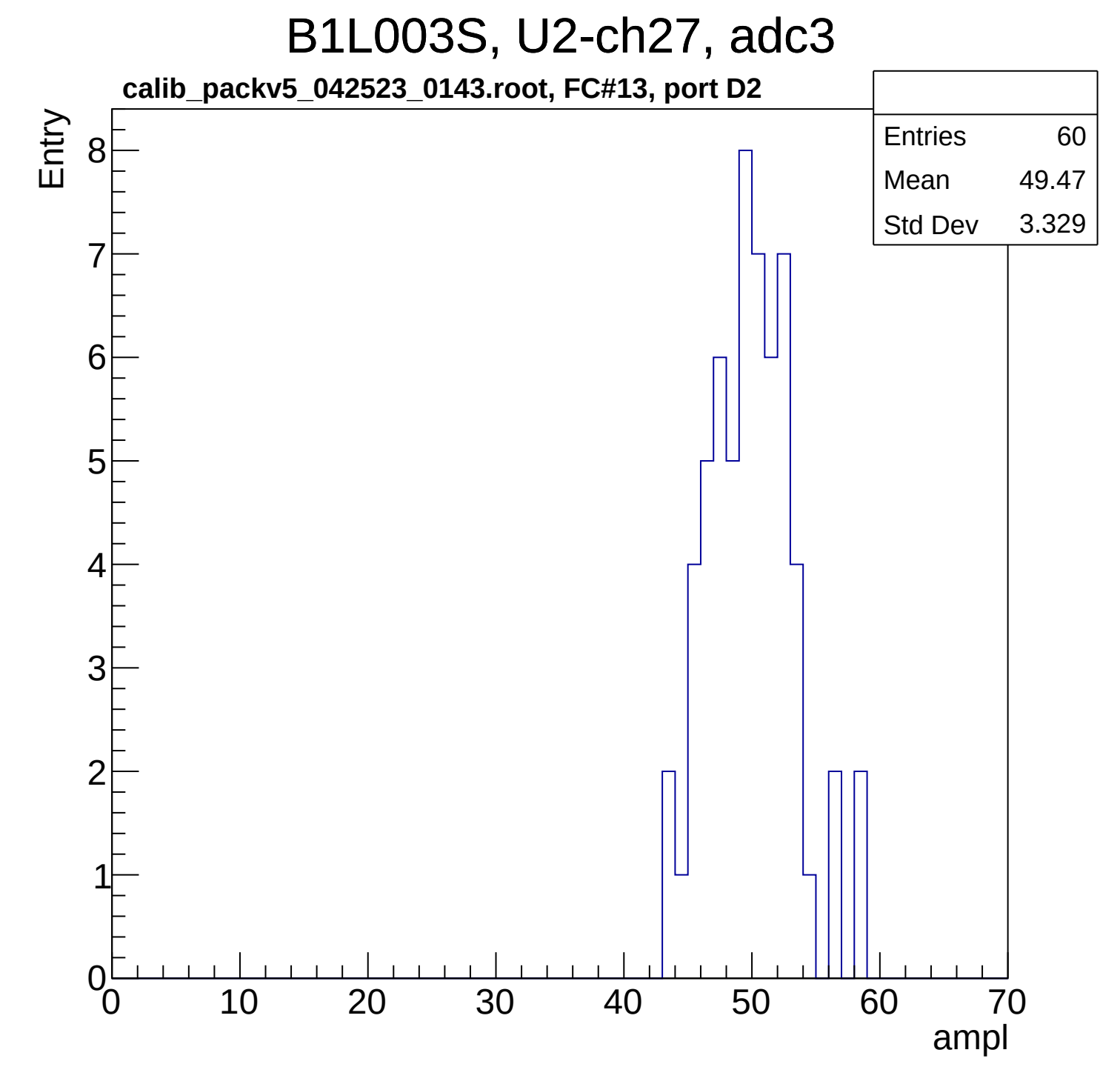

B1L003S, U2-ch27, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 42.88
Std Dev 3.581
Gaus mean : 43.3507
Gaus Width: 3.7837
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch27, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 49.47
Std Dev 3.329
Entry
ampl
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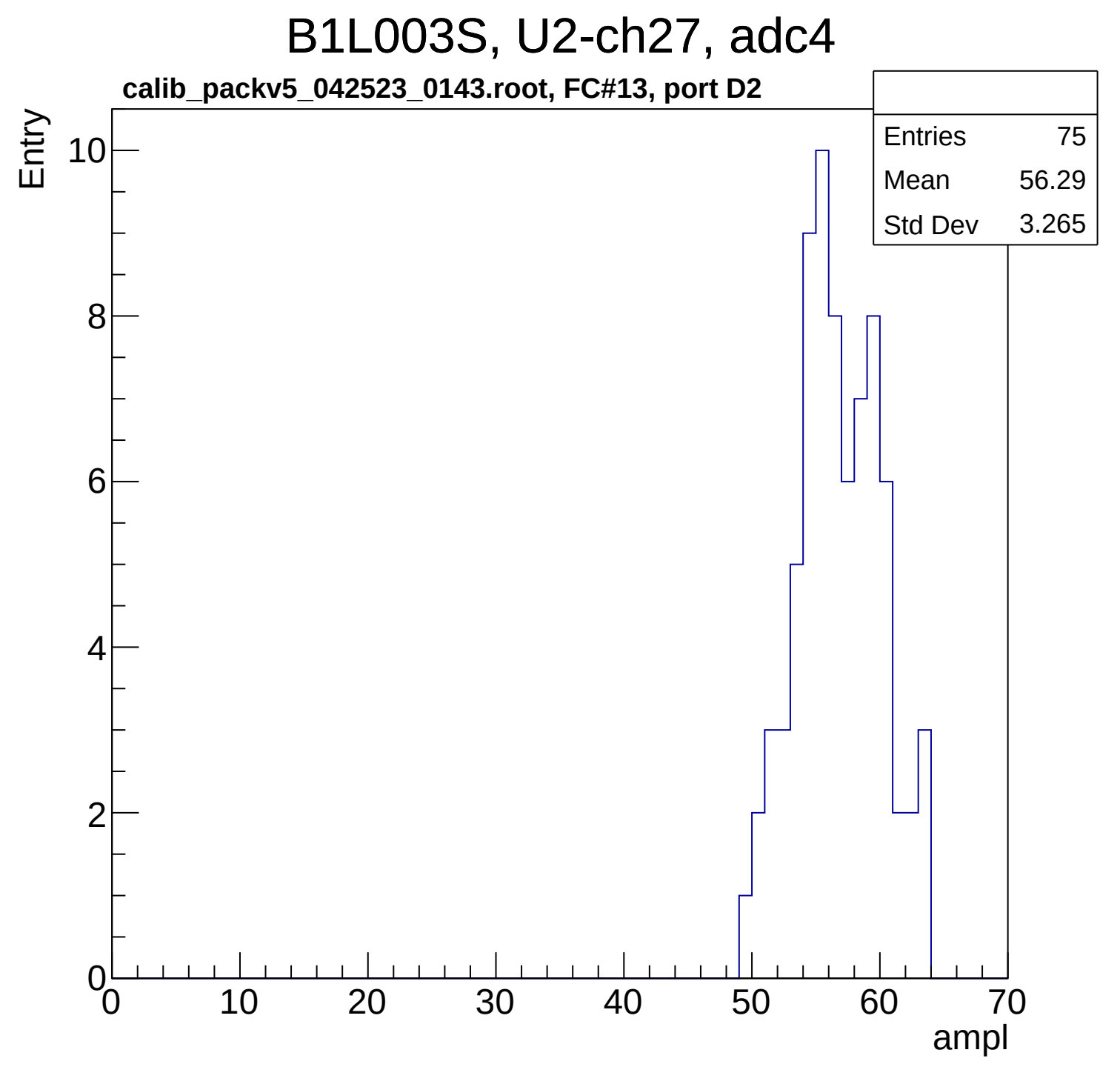
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch27, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 56.29
Std Dev 3.265
Entry
ampl
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2
4
6
8
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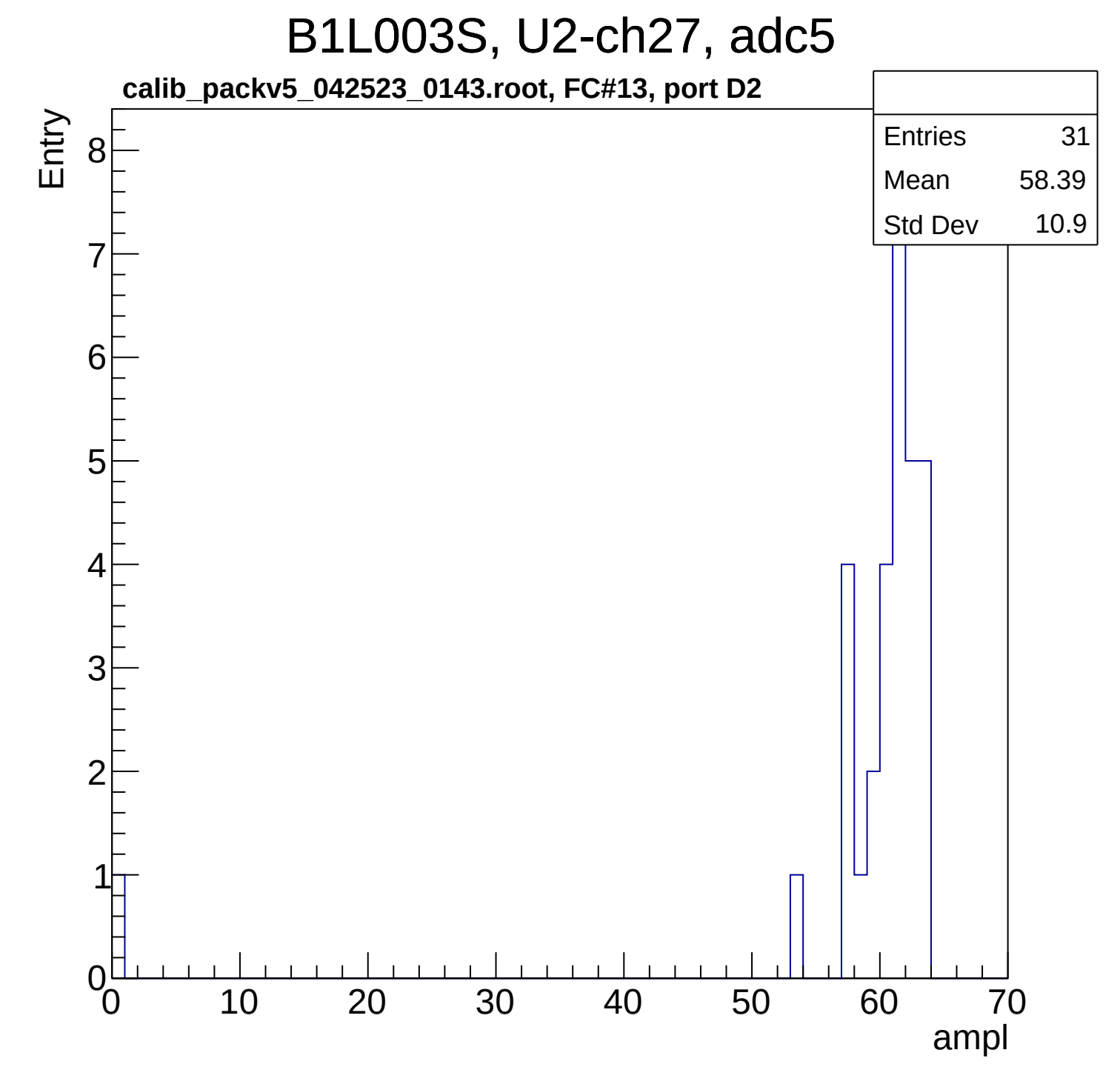
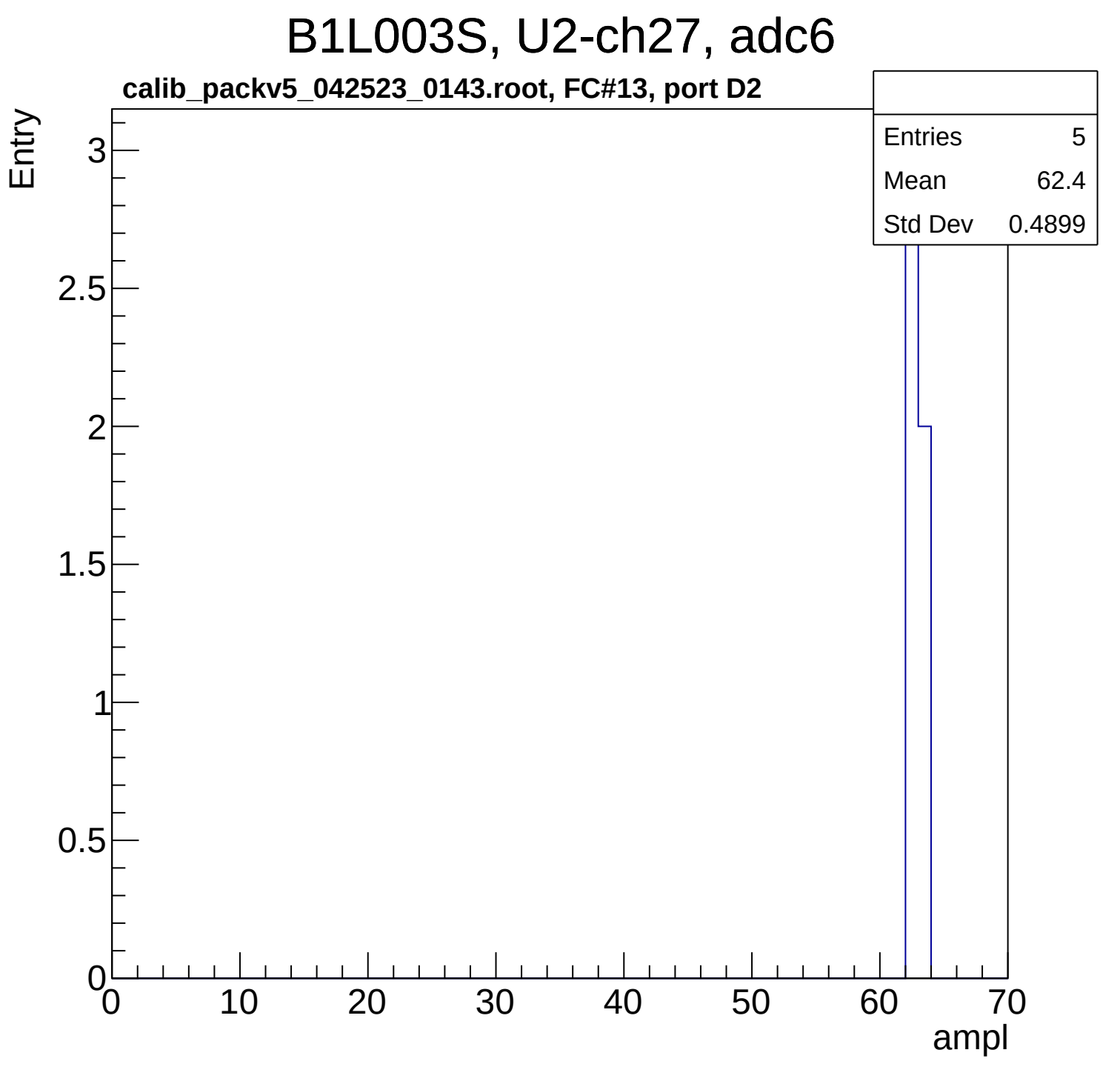
0
10
20
30
40
50
60
70


B1L003S, U2-ch27, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 31
Mean 58.39
Std Dev 10.9
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch27, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.4
Std Dev 0.4899
Entry
ampl
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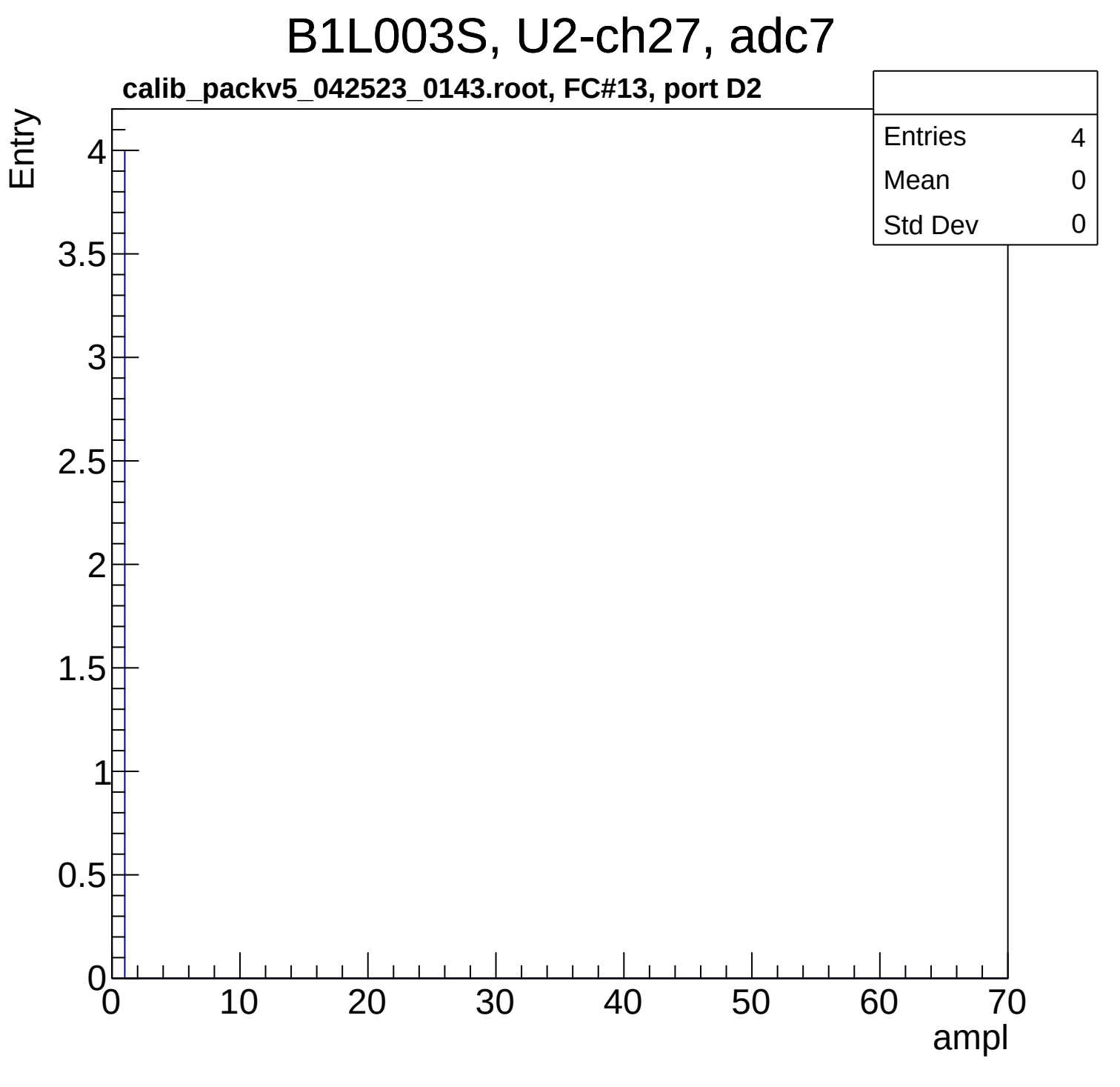
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch27, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 0
Std Dev 0
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
10
20
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40
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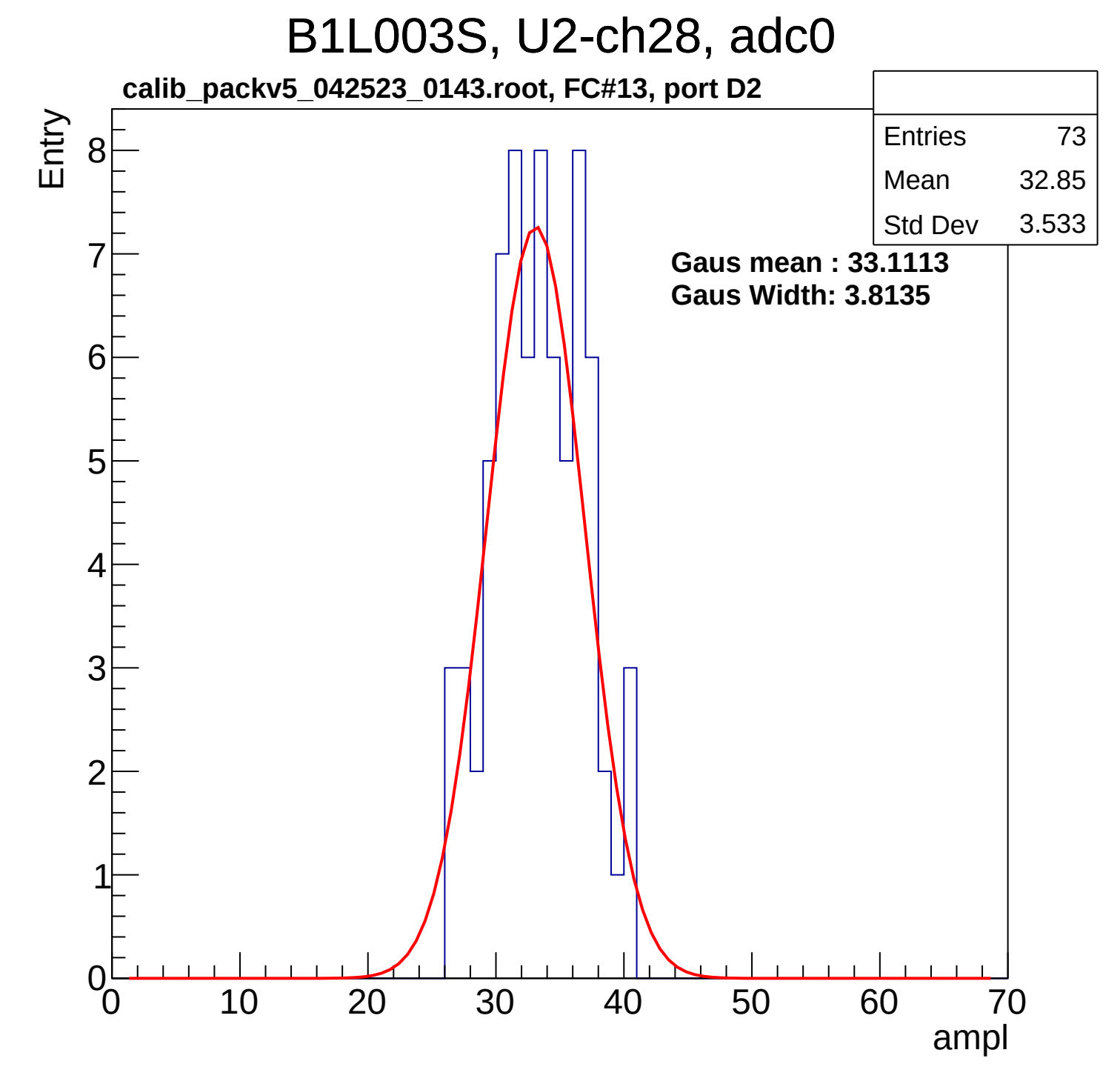
60
70


B1L003S, U2-ch28, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 32.85
Std Dev 3.533
Gaus mean : 33.1113
Gaus Width: 3.8135
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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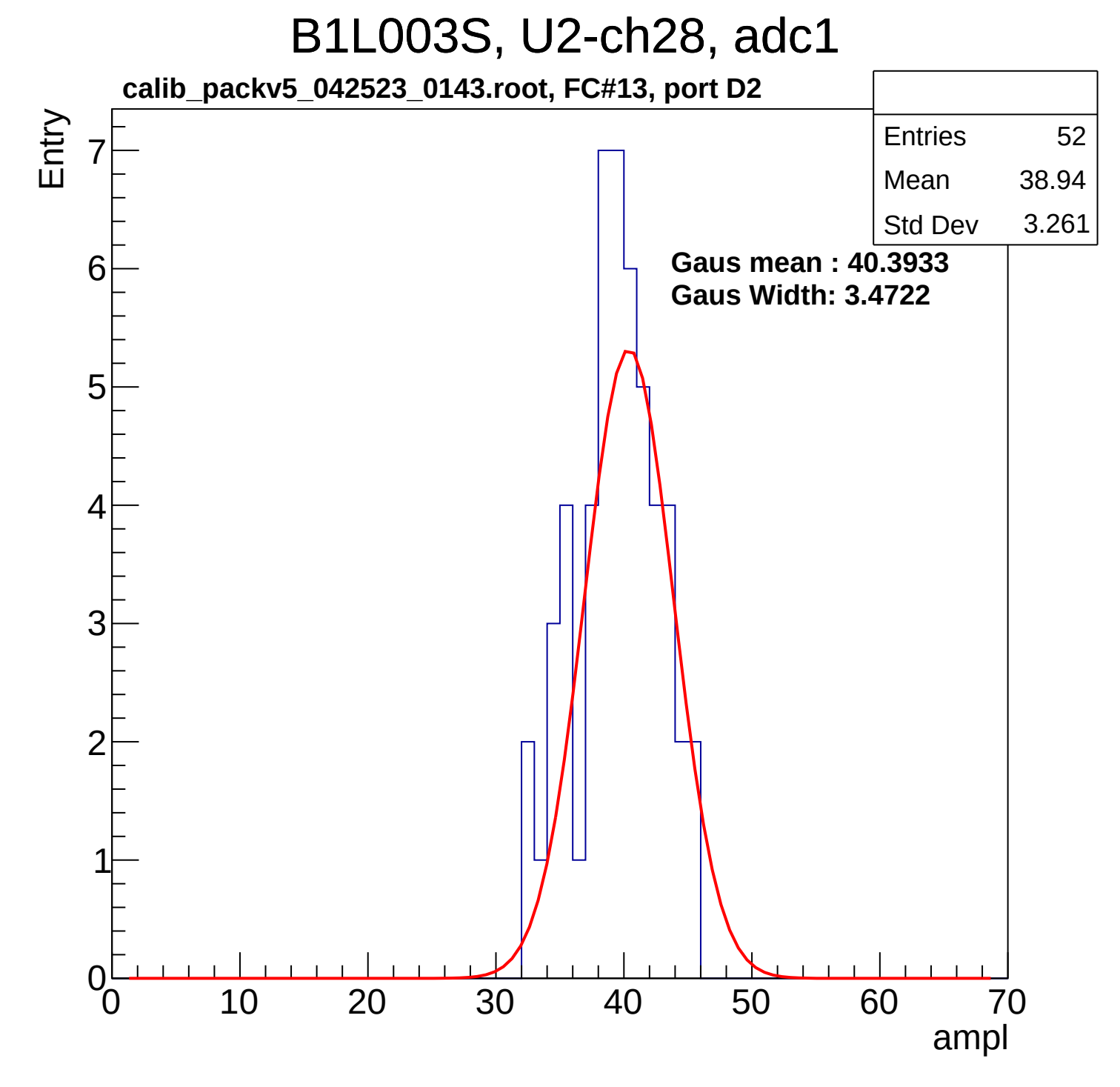
B1L003S, U2-ch28, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 38.94
Std Dev 3.261
Gaus mean : 40.3933
Gaus Width: 3.4722
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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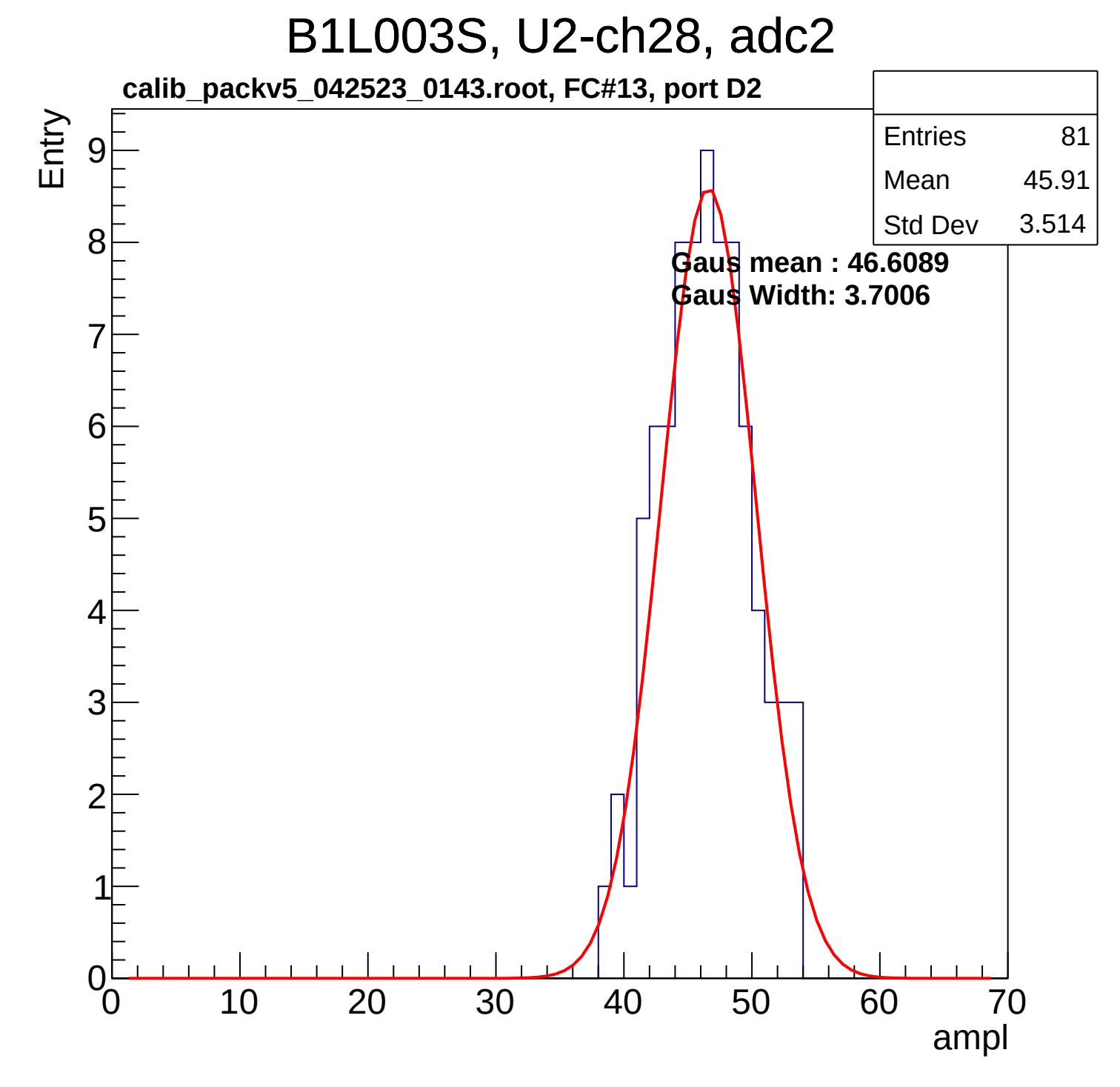
B1L003S, U2-ch28, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 45.91
Std Dev 3.514
Gaus mean : 46.6089
Gaus Width: 3.7006
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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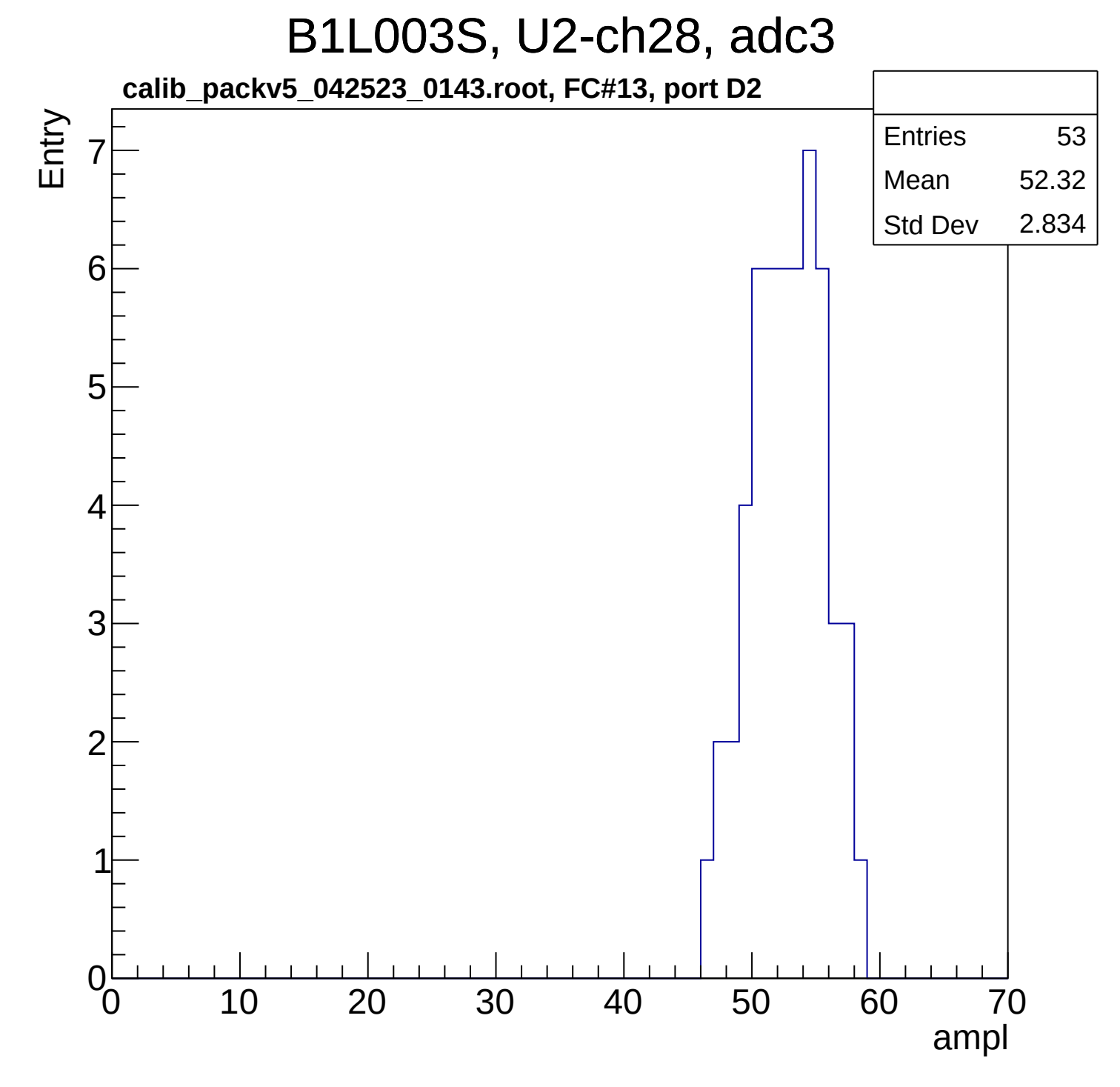
40
50
60
70


B1L003S, U2-ch28, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 52.32
Std Dev 2.834
Entry
ampl
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1
2
3
4
5
6
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0
10
20
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40
50
60
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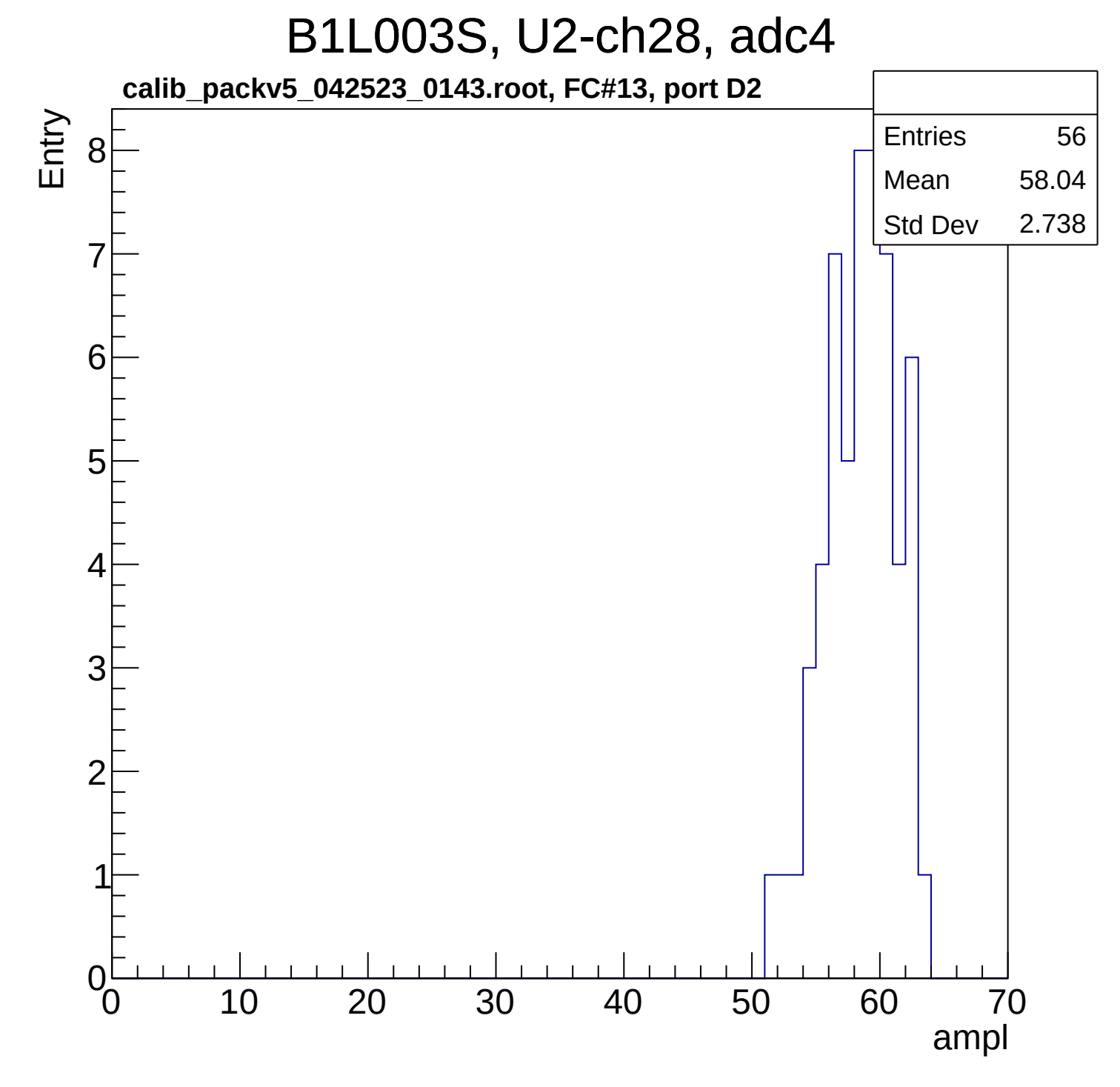
B1L003S, U2-ch28, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 58.04
Std Dev 2.738
Entry
ampl
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0
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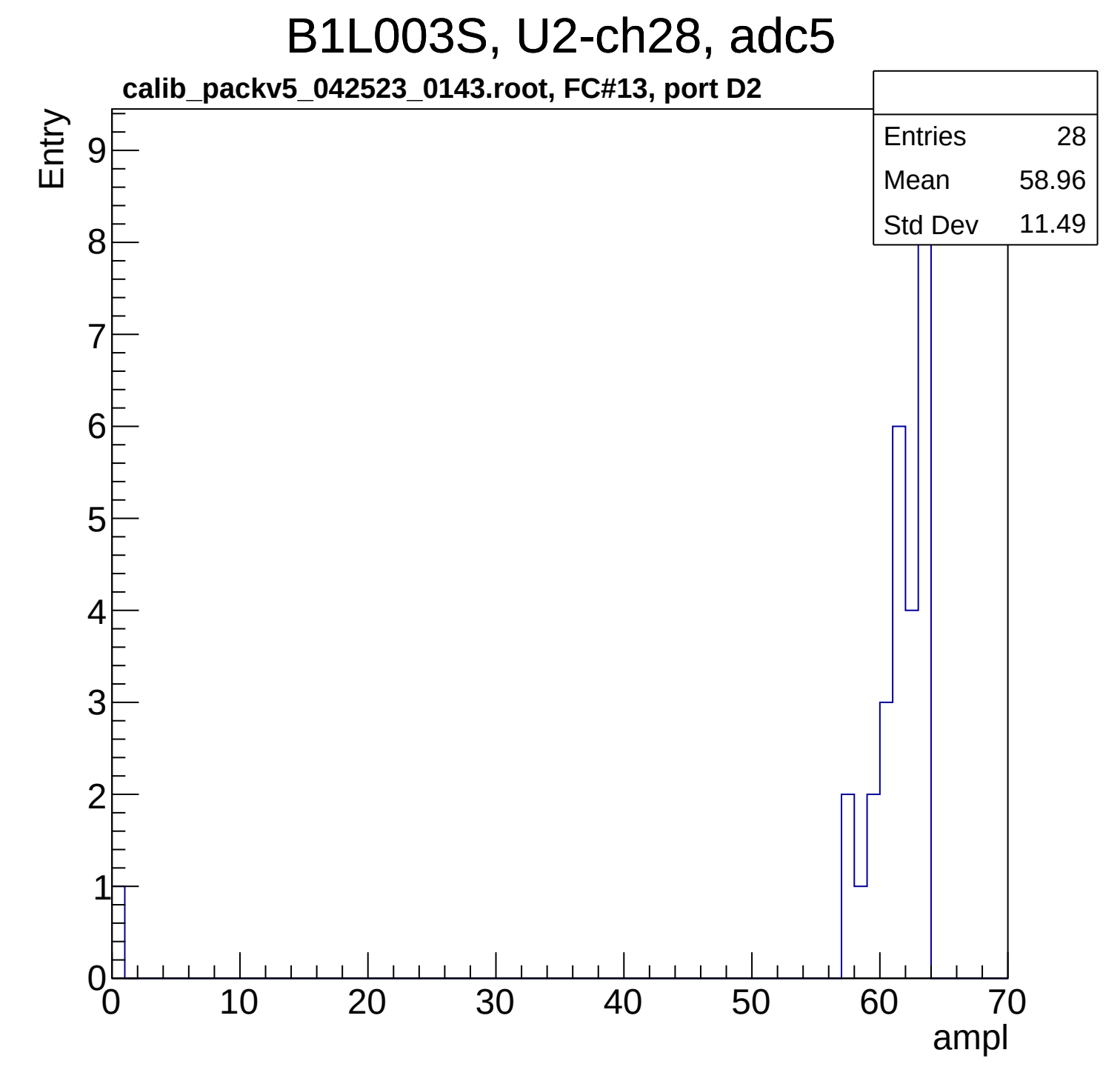
B1L003S, U2-ch28, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 28
Mean 58.96
Std Dev 11.49
Entry
ampl
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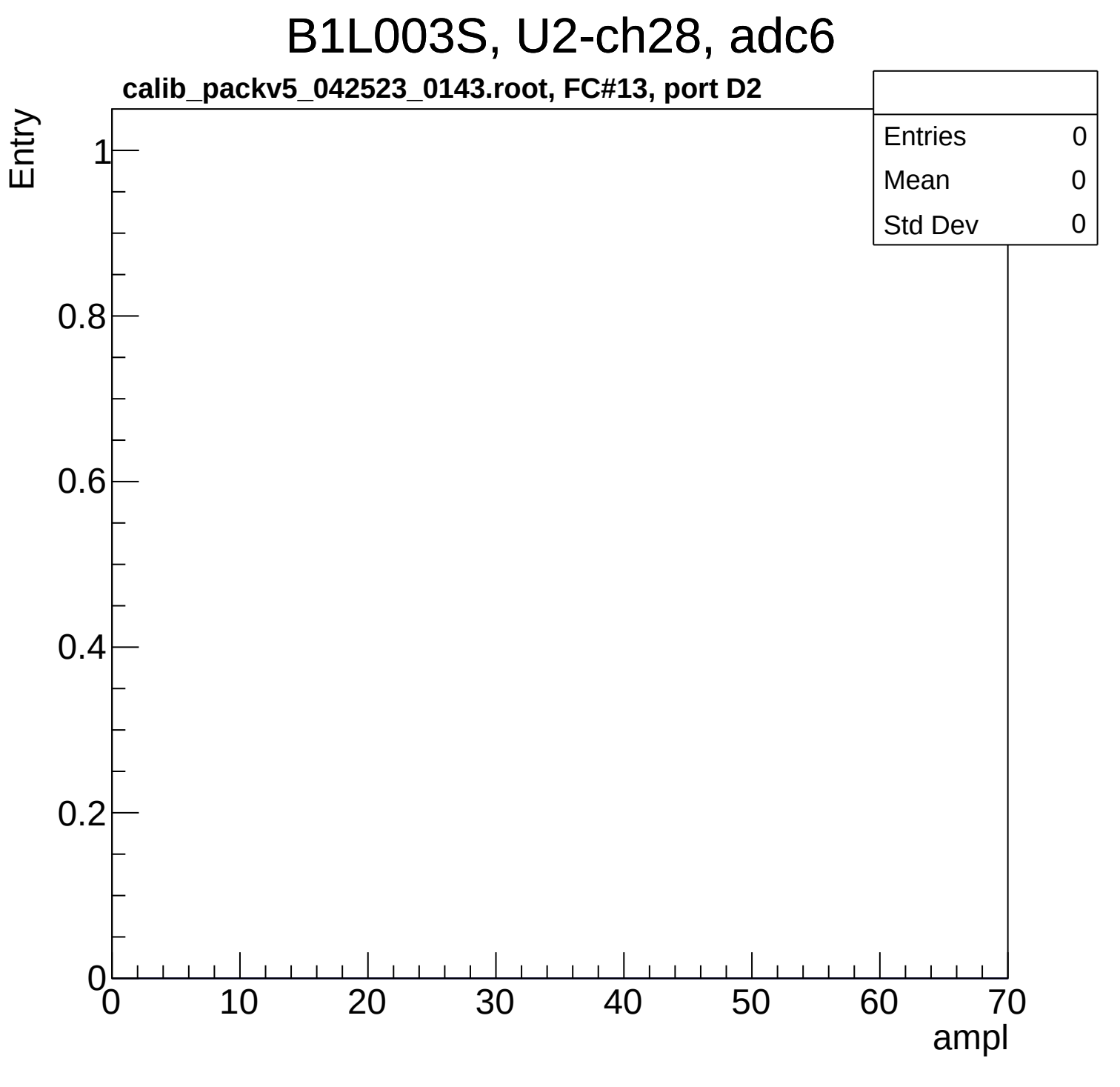
B1L003S, U2-ch28, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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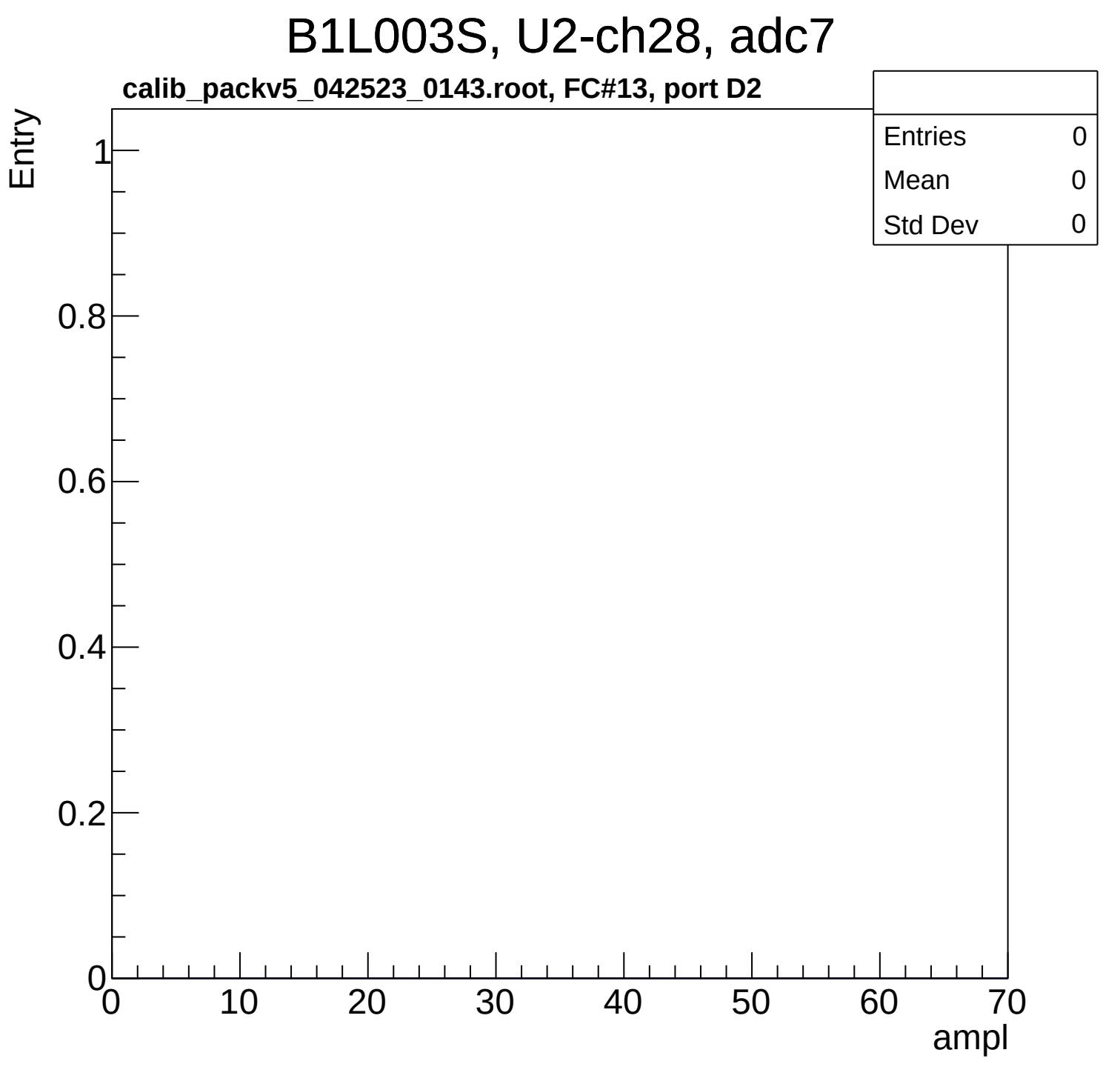
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch28, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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0
10
20
30
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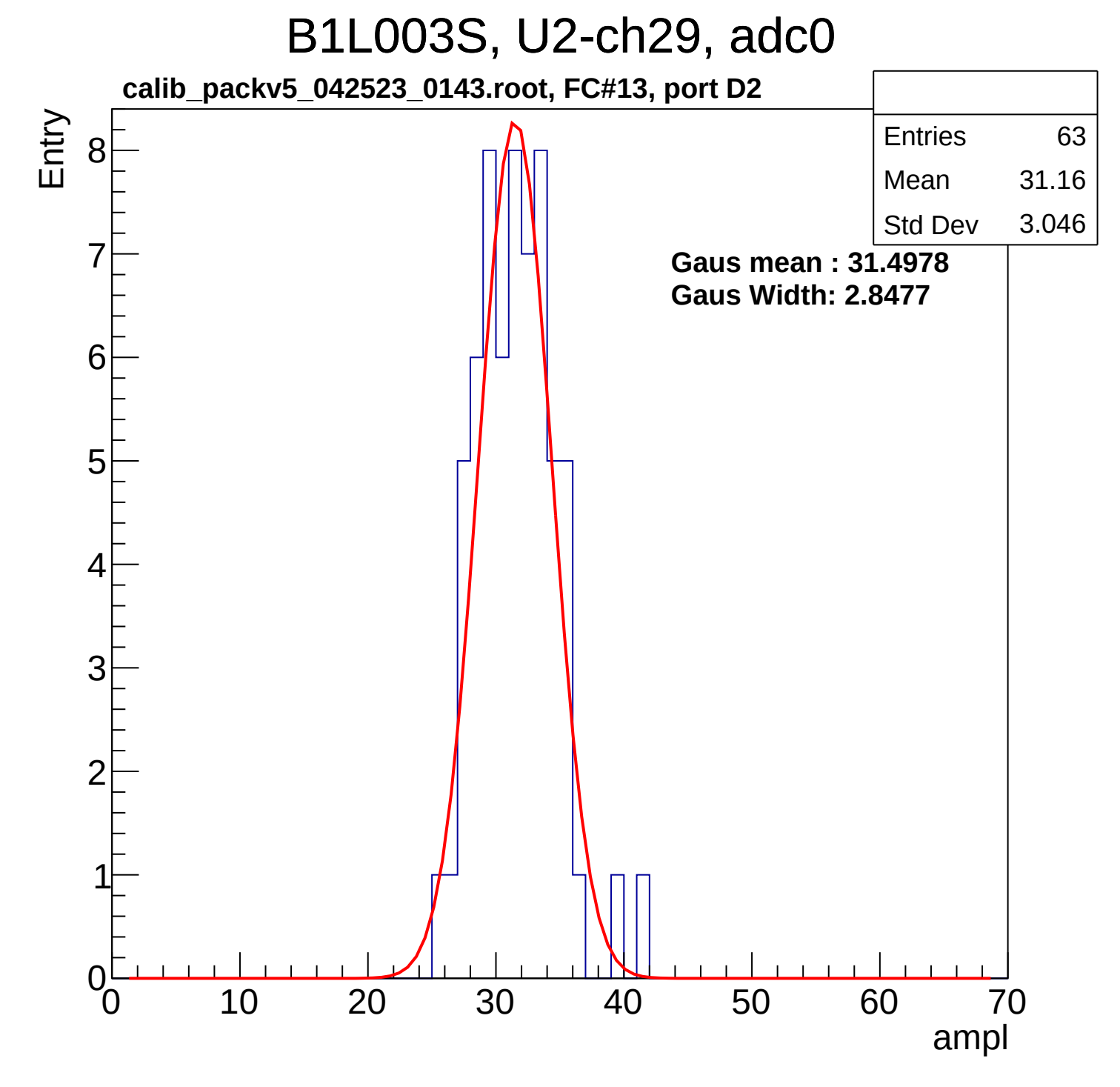
50
60
70
ampl


B1L003S, U2-ch29, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 31.16
Std Dev 3.046
Gaus mean : 31.4978
Gaus Width: 2.8477
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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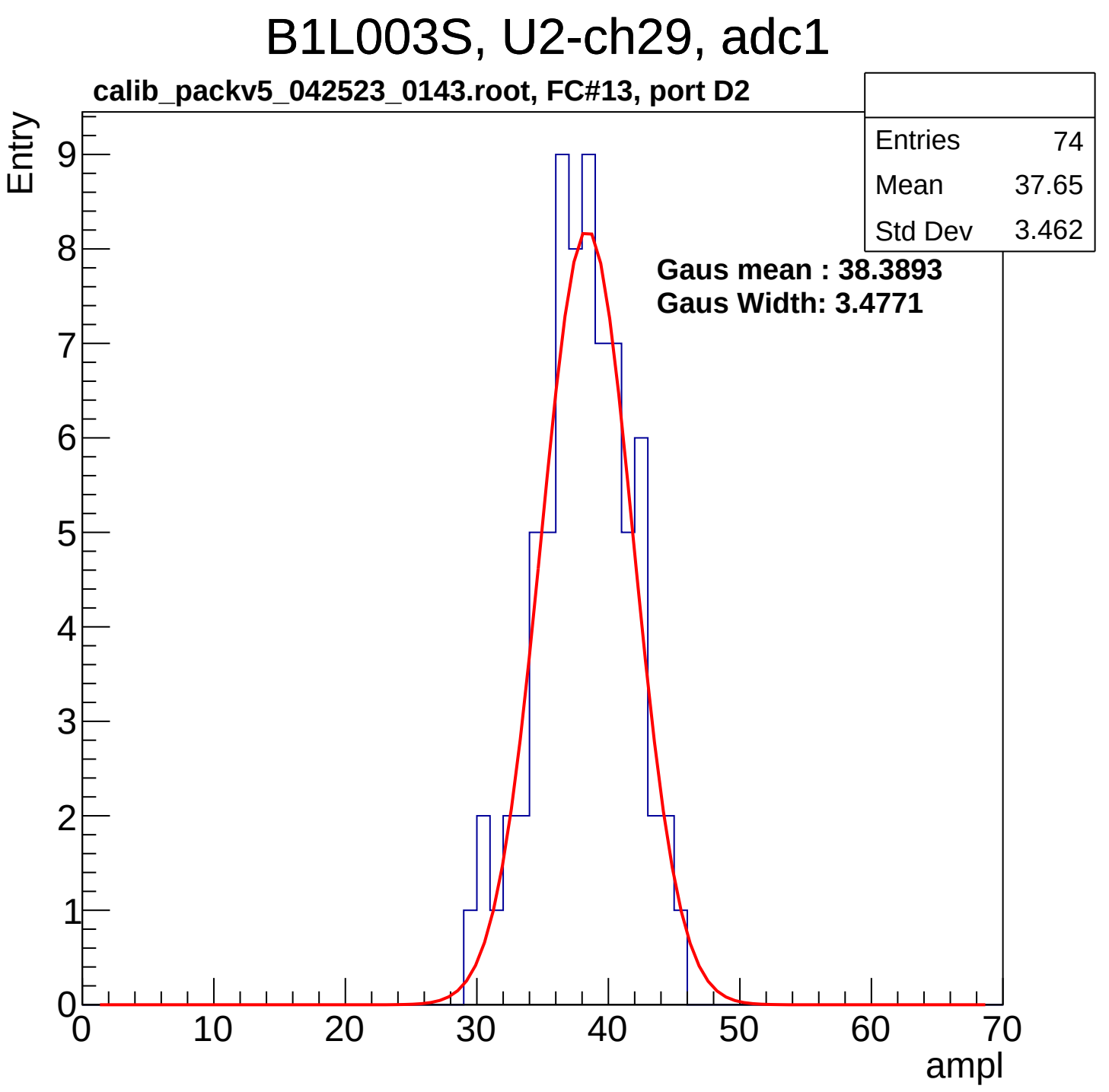
B1L003S, U2-ch29, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 37.65
Std Dev 3.462
Gaus mean : 38.3893
Gaus Width: 3.4771
Entry
ampl
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20
30
40
50
60
70
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2
3
4
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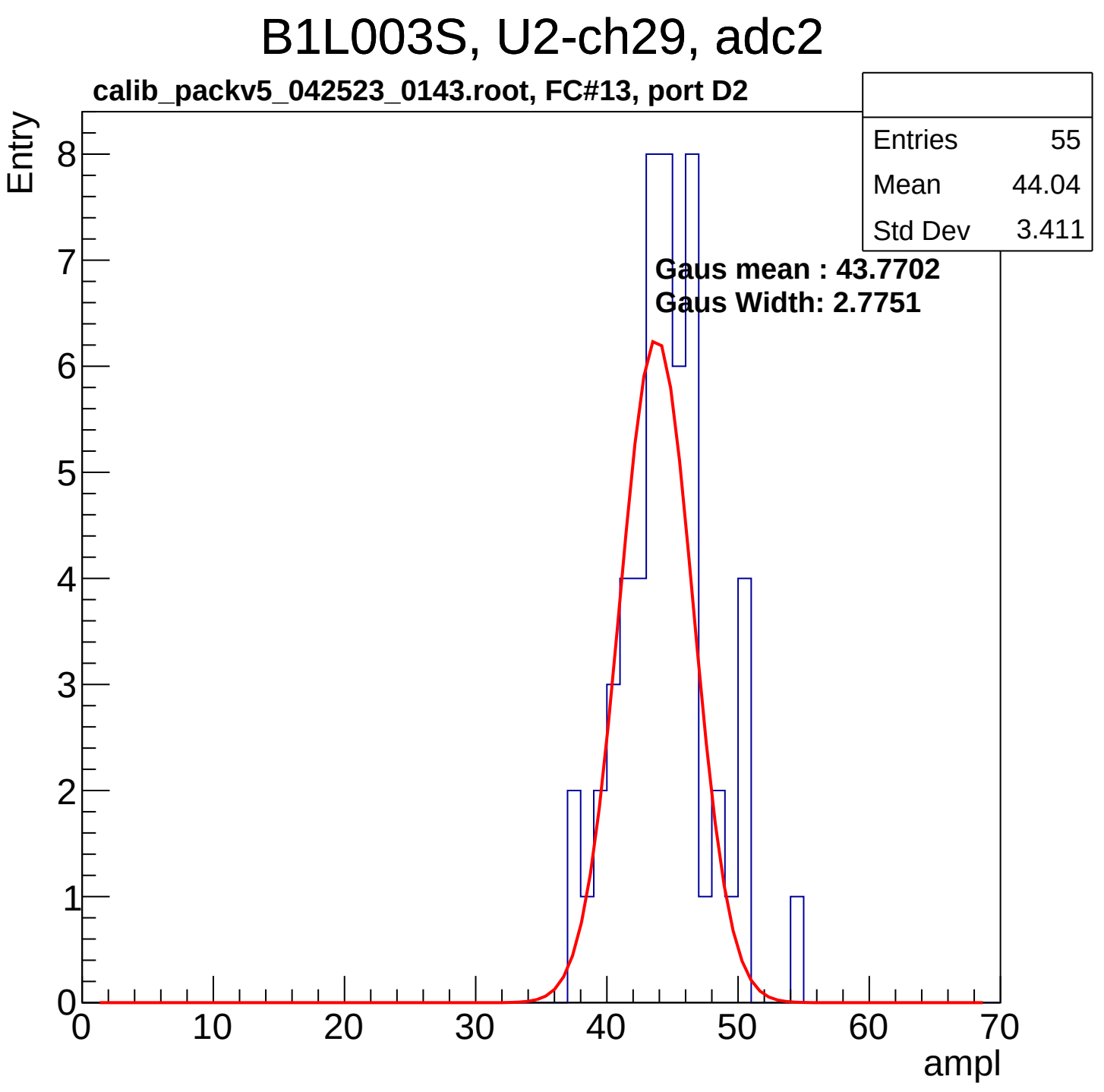
6
7
8
9


B1L003S, U2-ch29, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 44.04
Std Dev 3.411
Gaus mean : 43.7702
Gaus Width: 2.7751
Entry
ampl
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2
3
4
5
6
7
8
0
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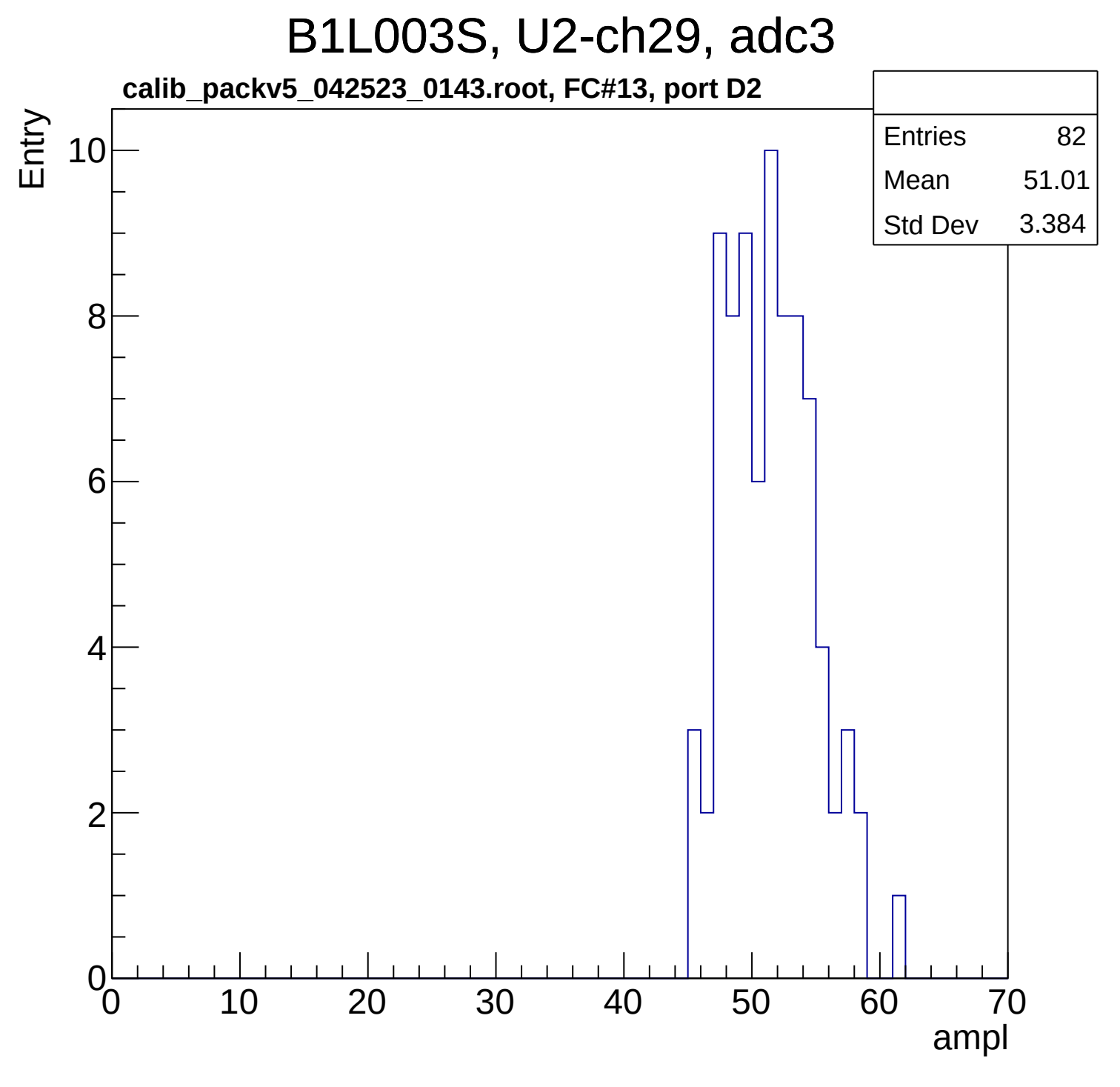
B1L003S, U2-ch29, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 51.01
Std Dev 3.384
Entry
ampl
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2
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0
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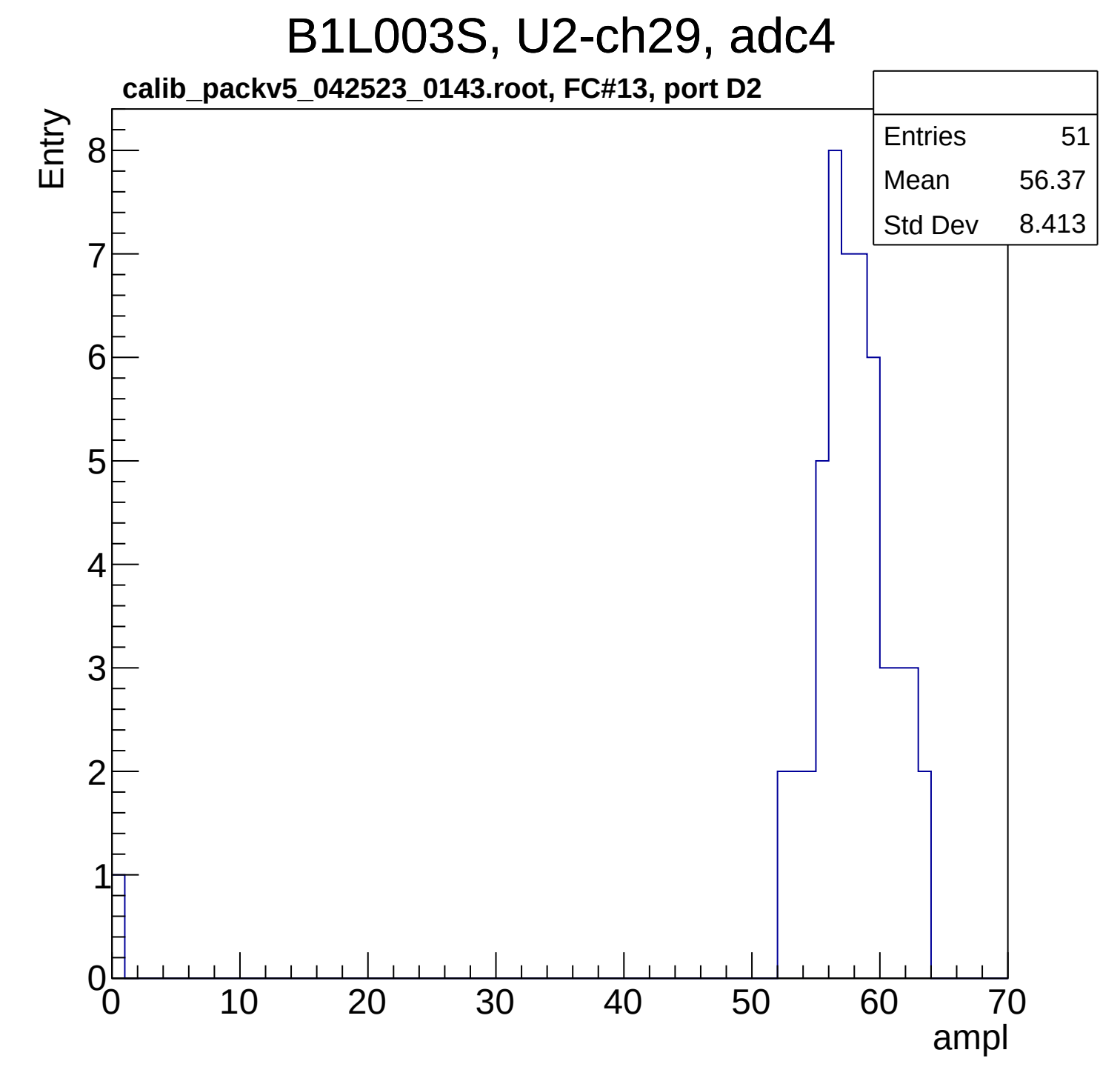
B1L003S, U2-ch29, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 56.37
Std Dev 8.413
Entry
ampl
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0
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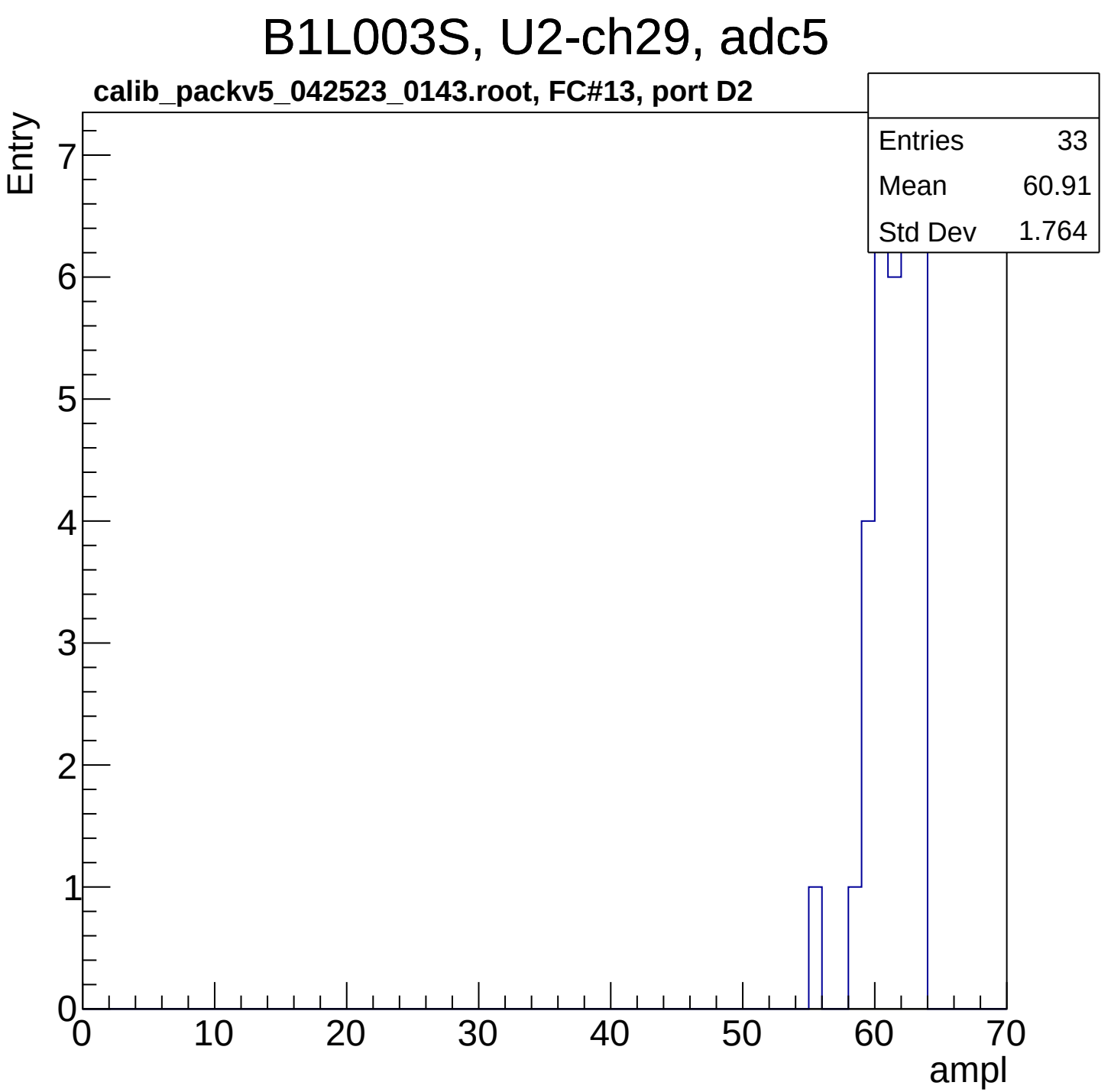
B1L003S, U2-ch29, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 33
Mean 60.91
Std Dev 1.764
Entry
ampl
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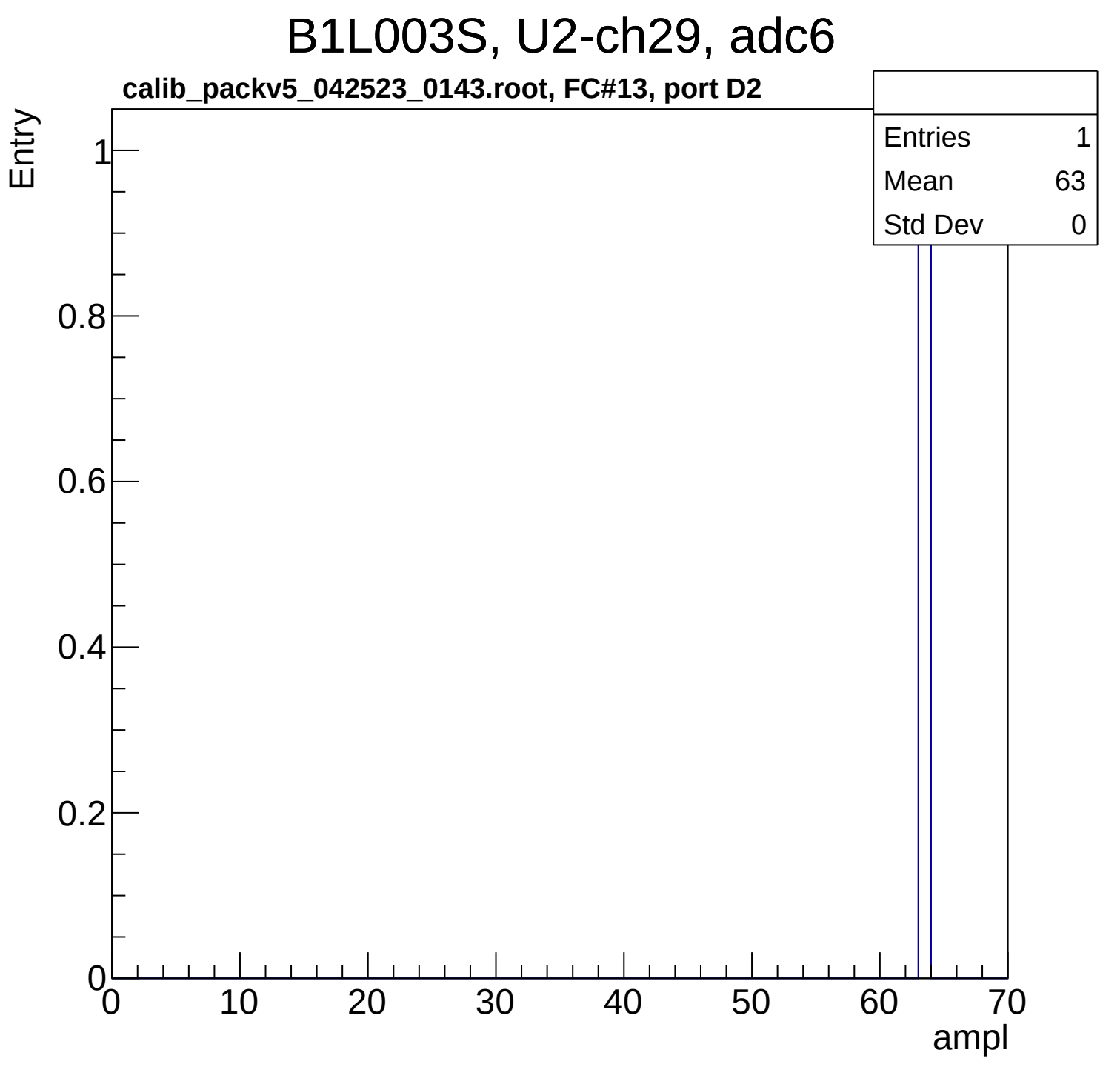
B1L003S, U2-ch29, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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0.6
0.4
0.2
0
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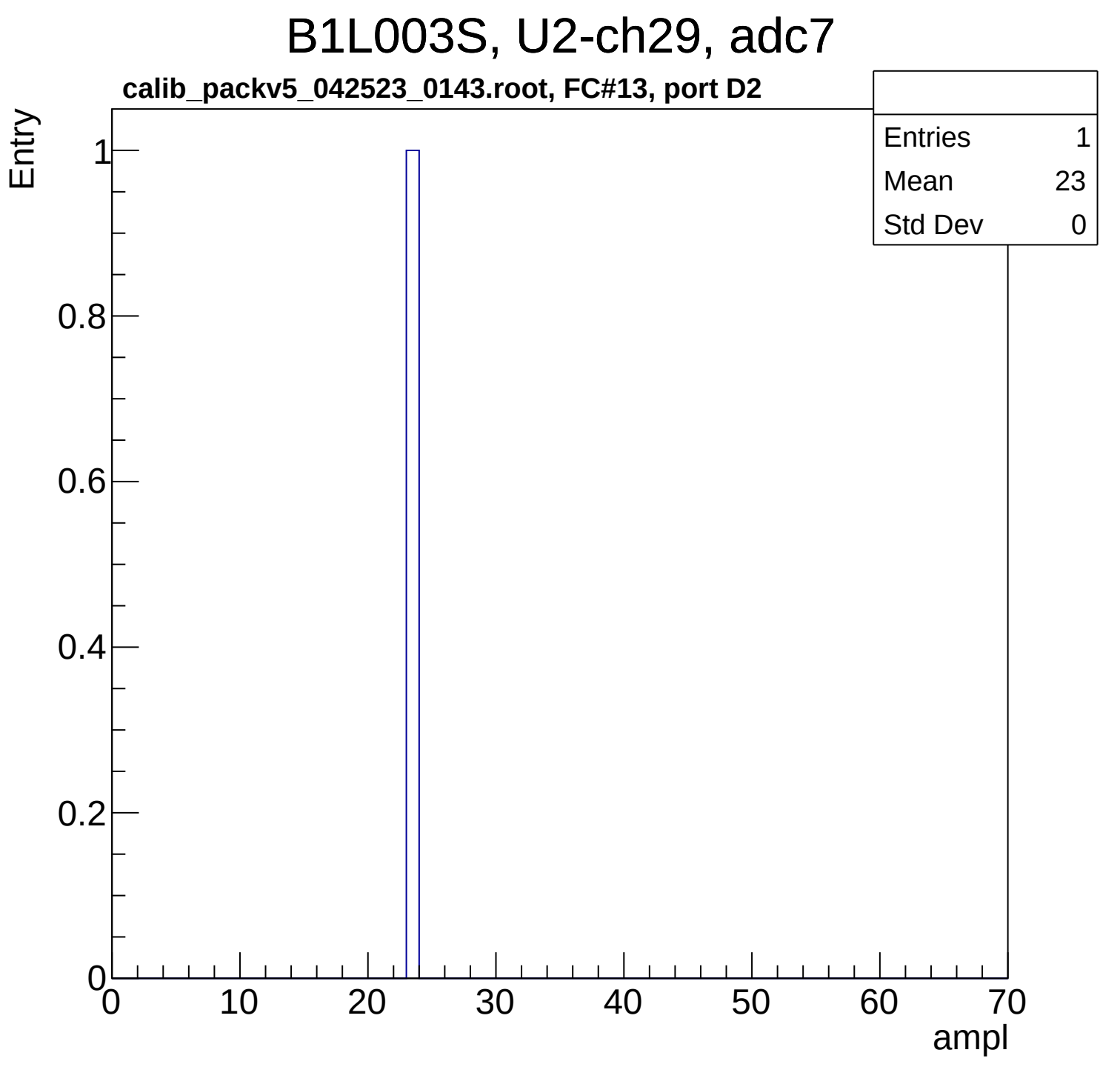
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch29, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 23
Std Dev 0
Entry
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0.6
0.4
0.2
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10
20
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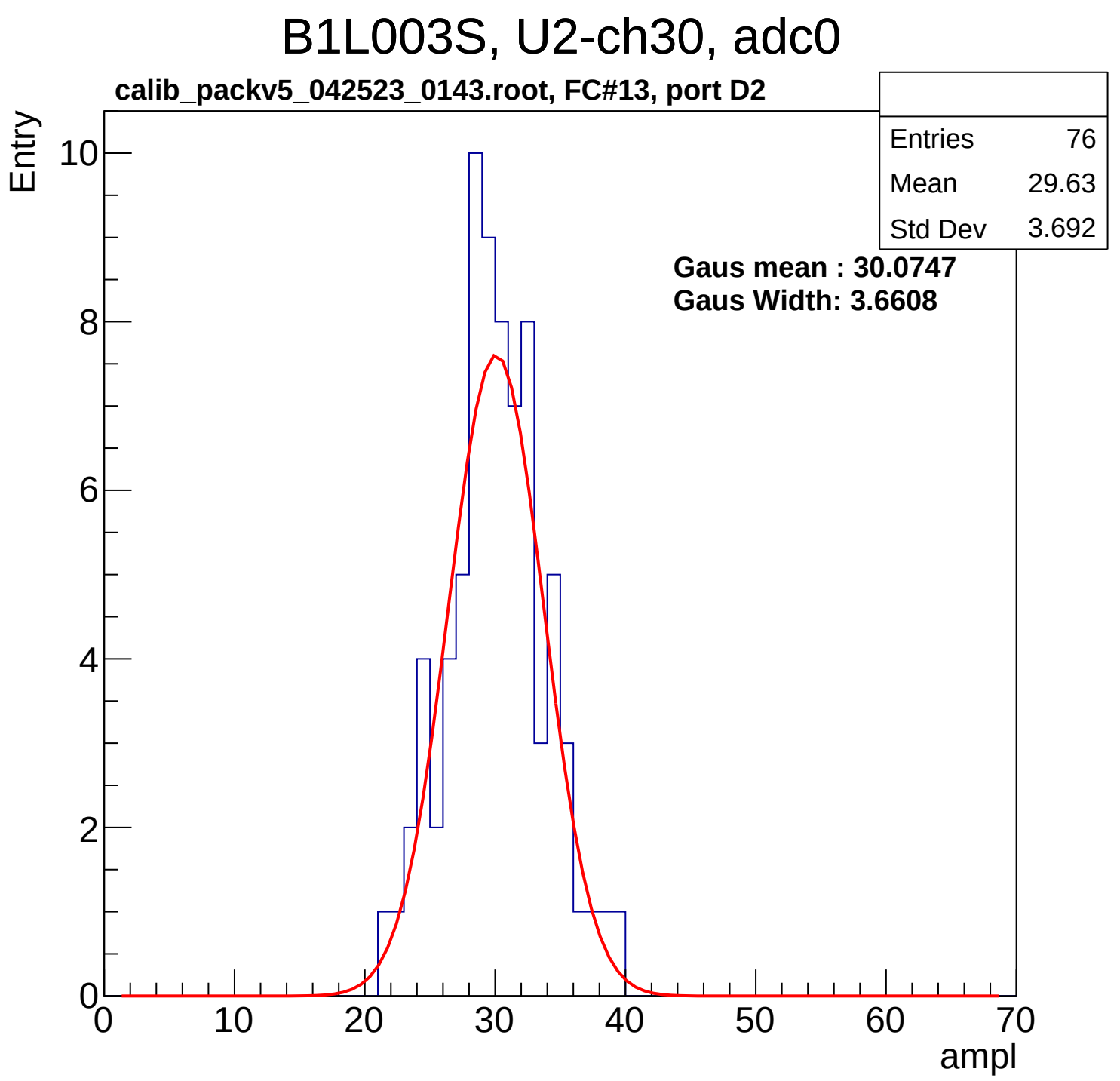
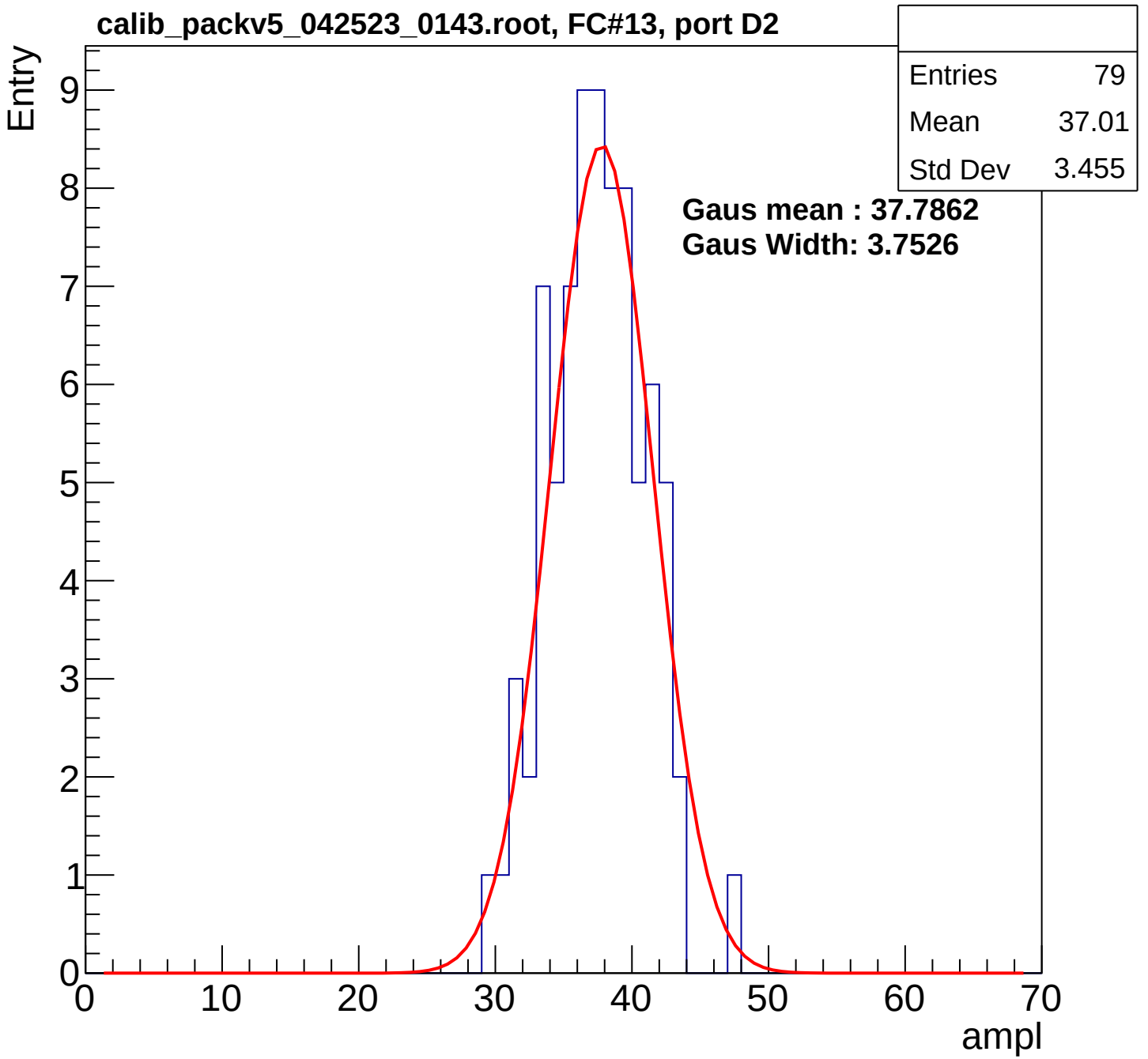
50
60
70
ampl


B1L003S, U2-ch30, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 29.63
Std Dev 3.692
Gaus mean : 30.0747
Gaus Width: 3.6608
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch30, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 37.01
Std Dev 3.455
Gaus mean : 37.7862
Gaus Width: 3.7526
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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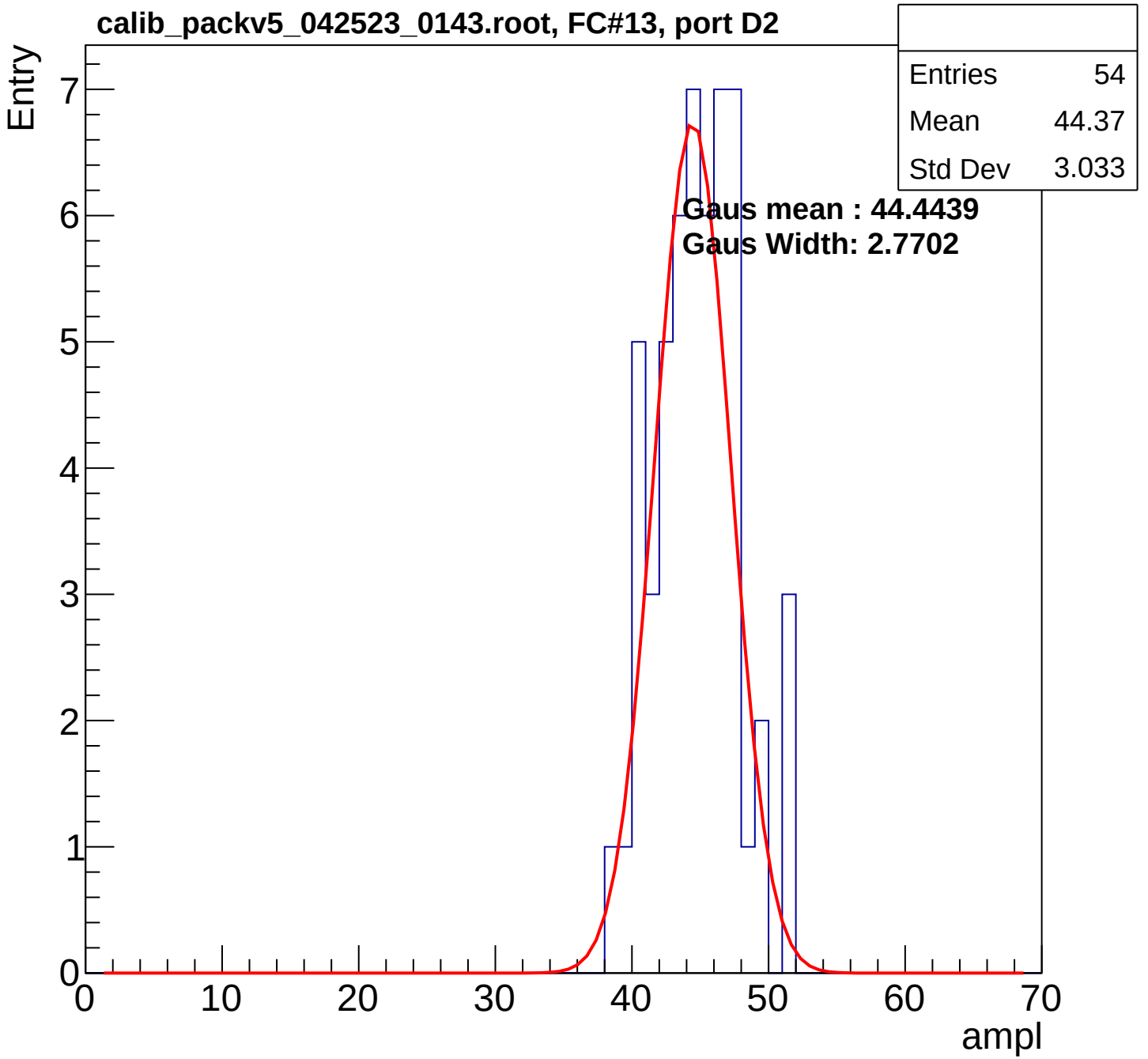
B1L003S, U2-ch30, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 44.37
Std Dev 3.033
Gaus mean : 44.4439
Gaus Width: 2.7702
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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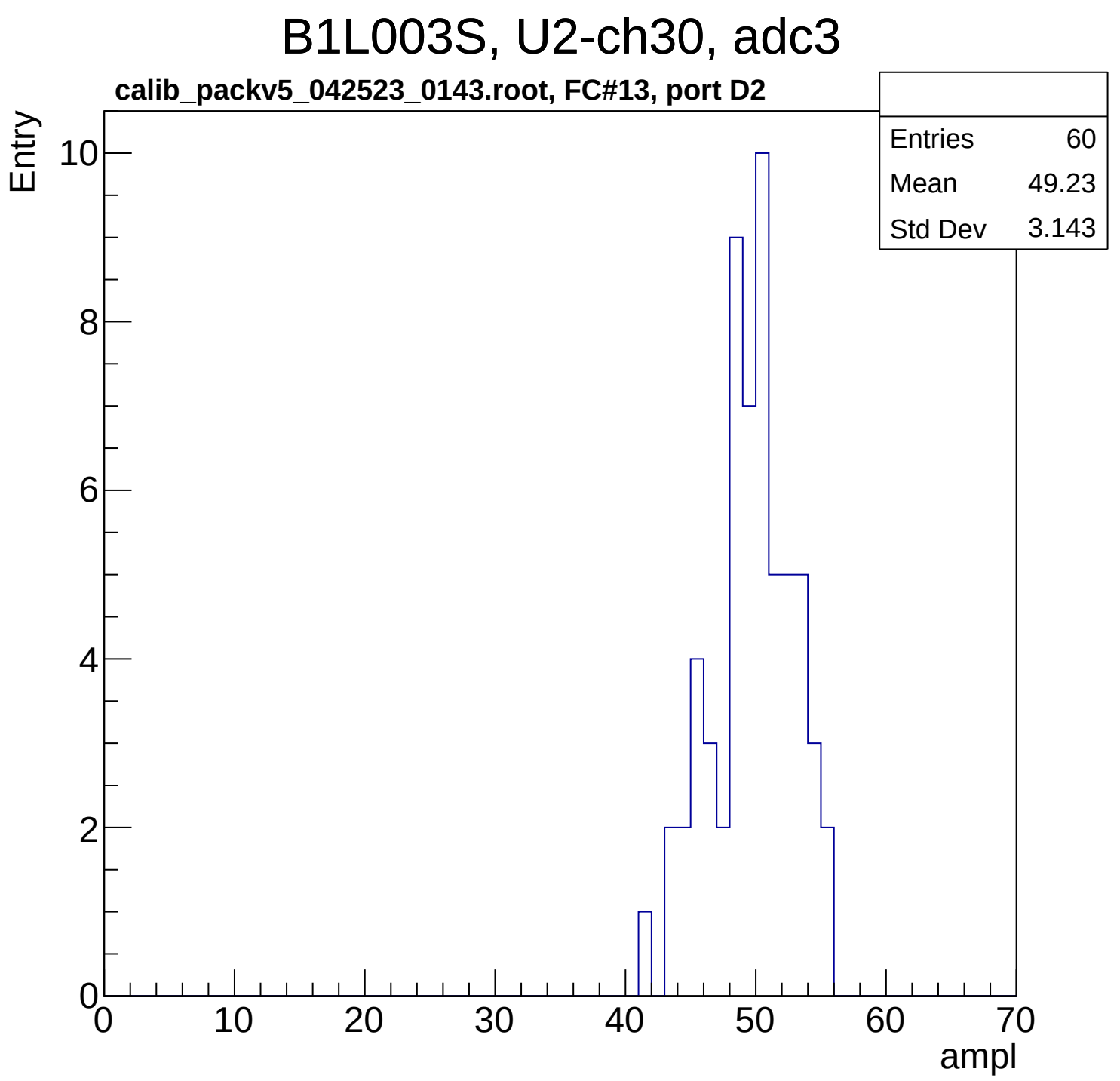
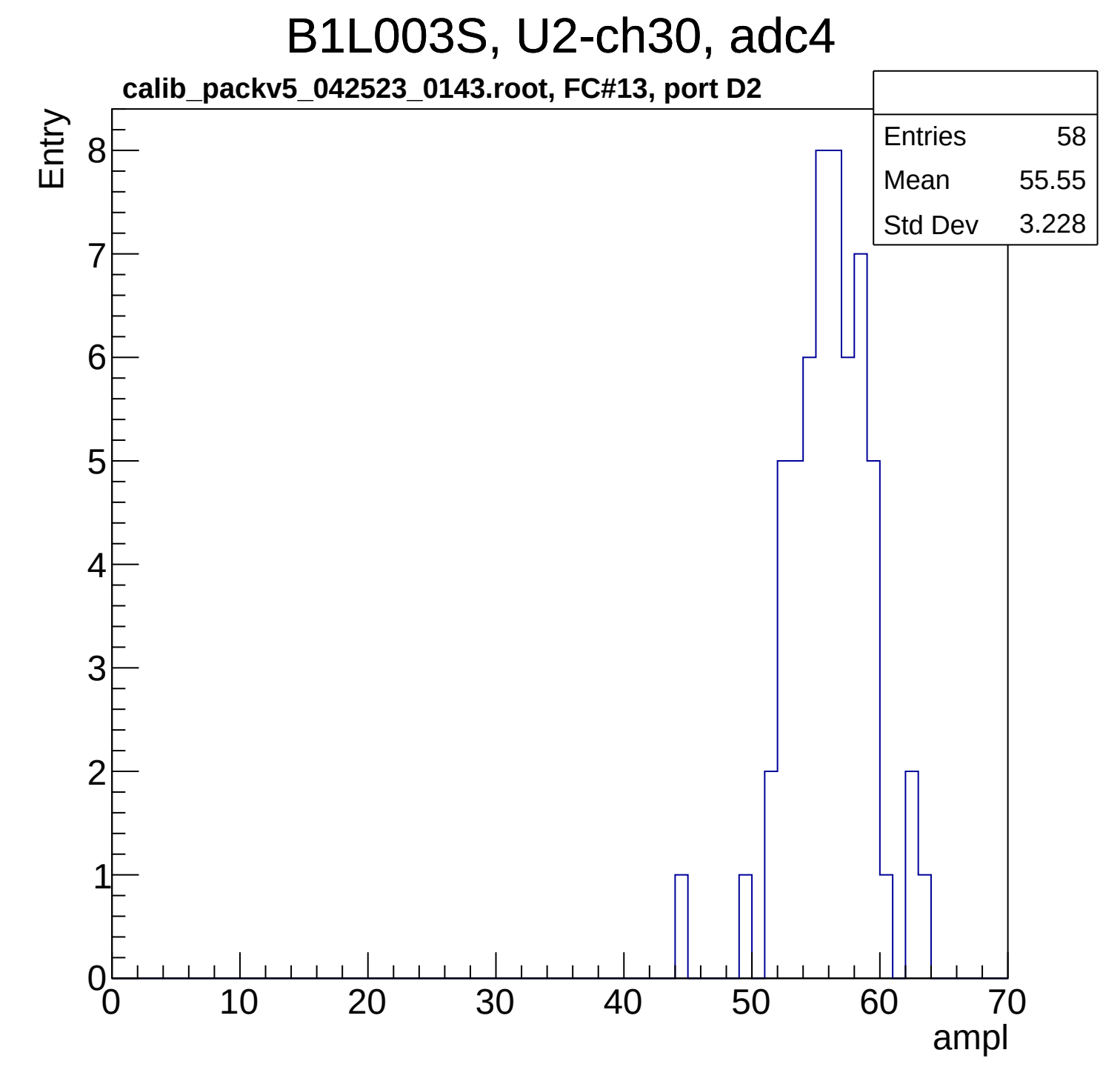

B1L003S, U2-ch30, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 49.23
Std Dev 3.143
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch30, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 55.55
Std Dev 3.228
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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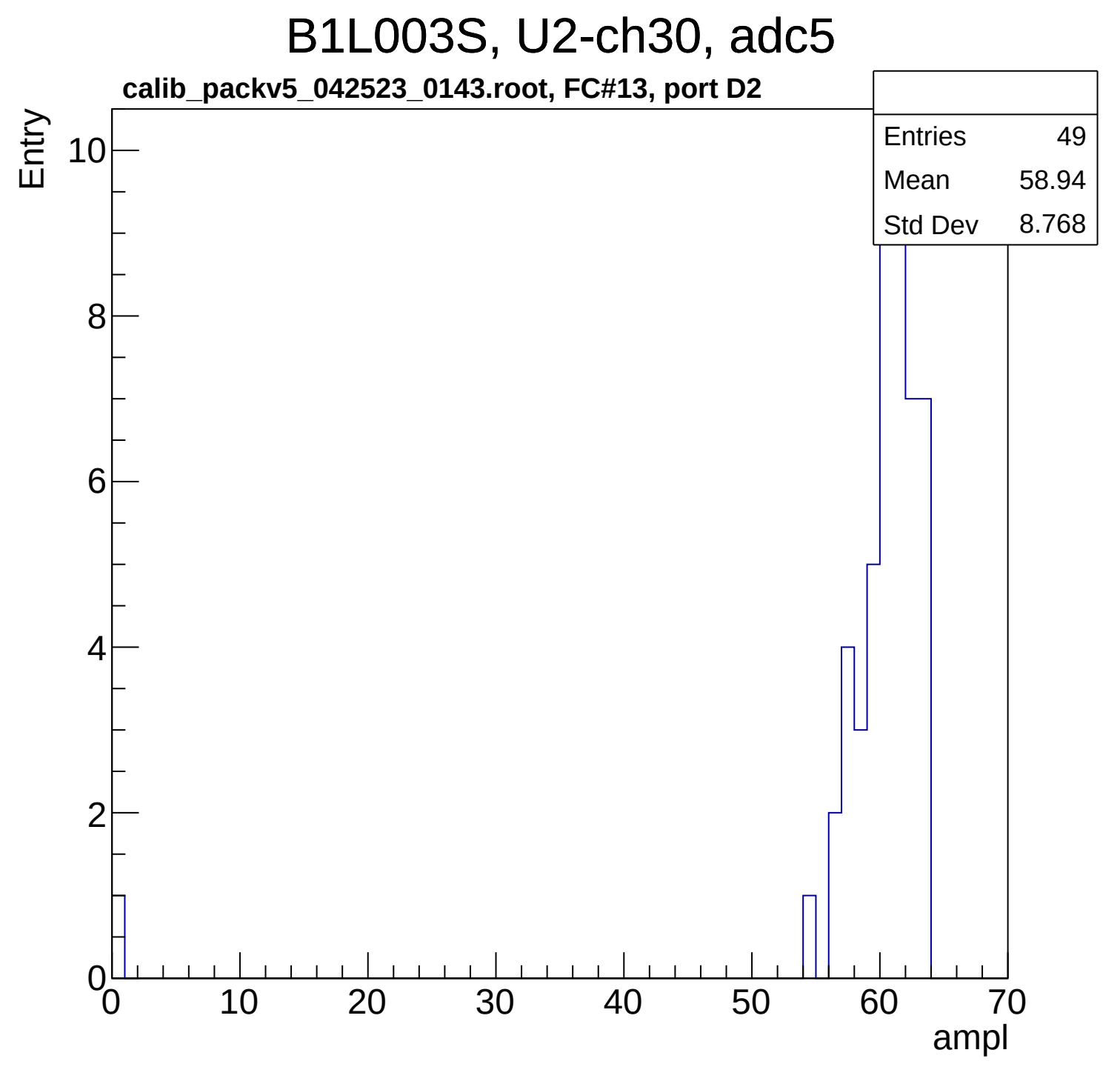
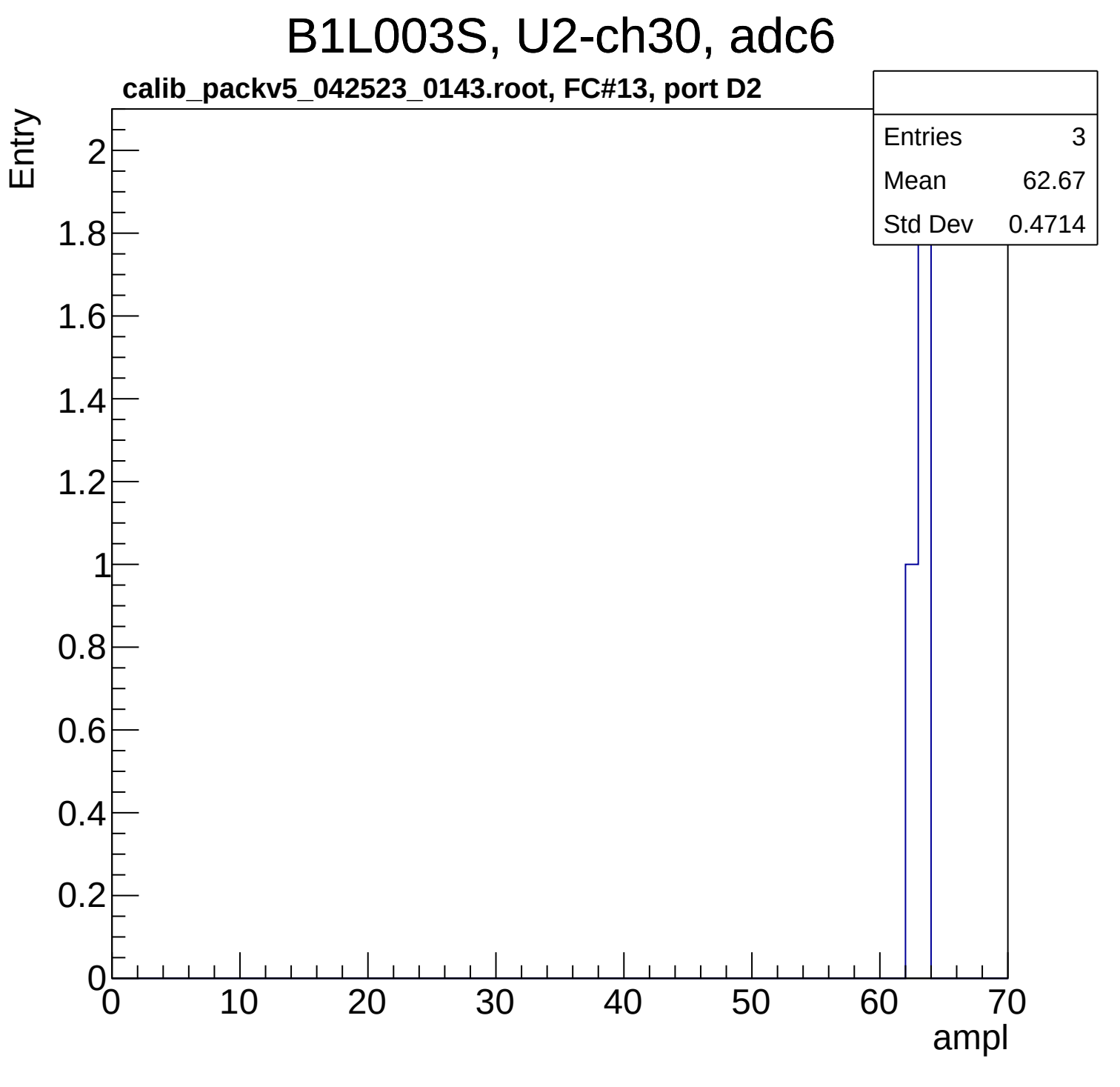
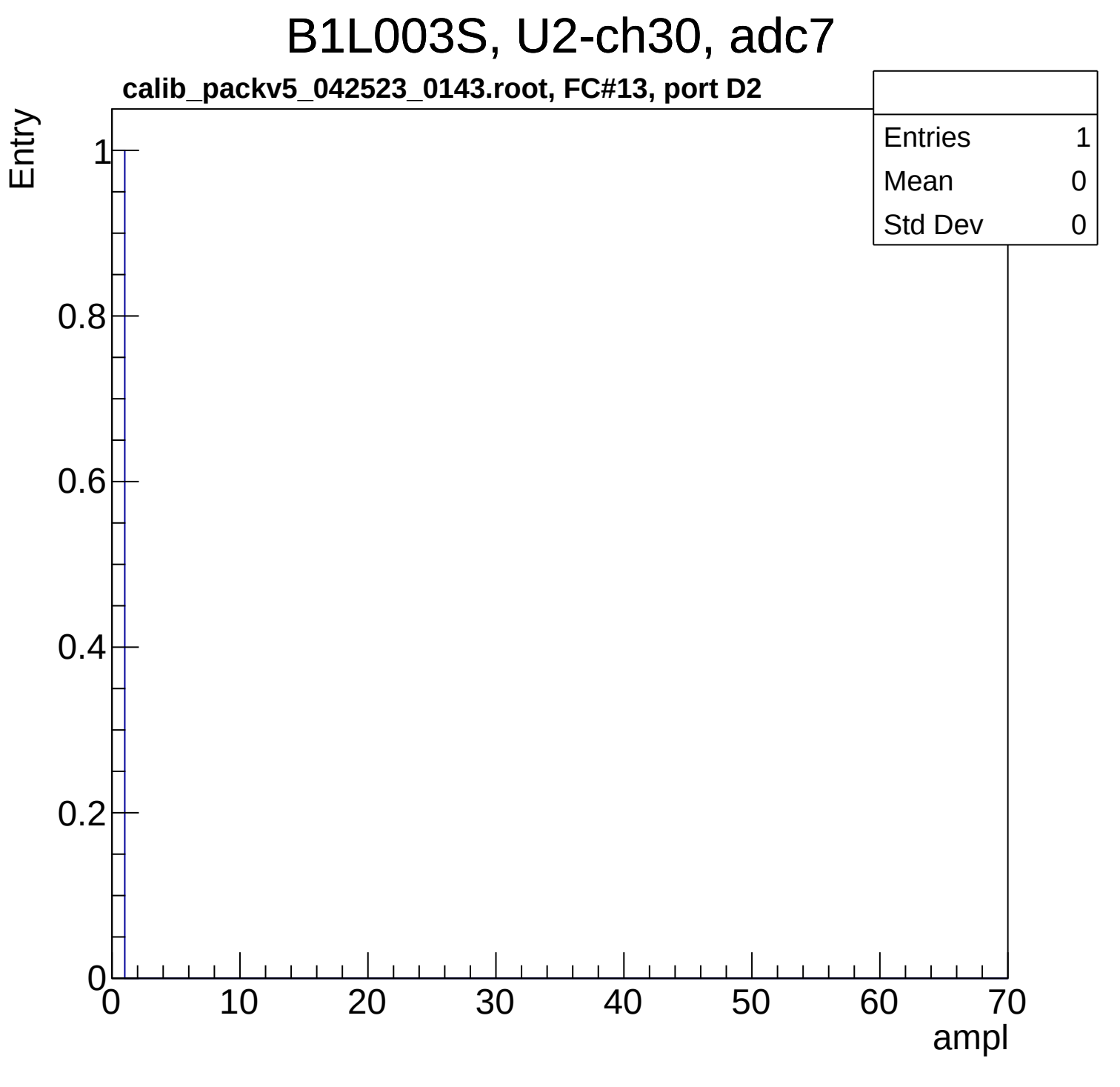
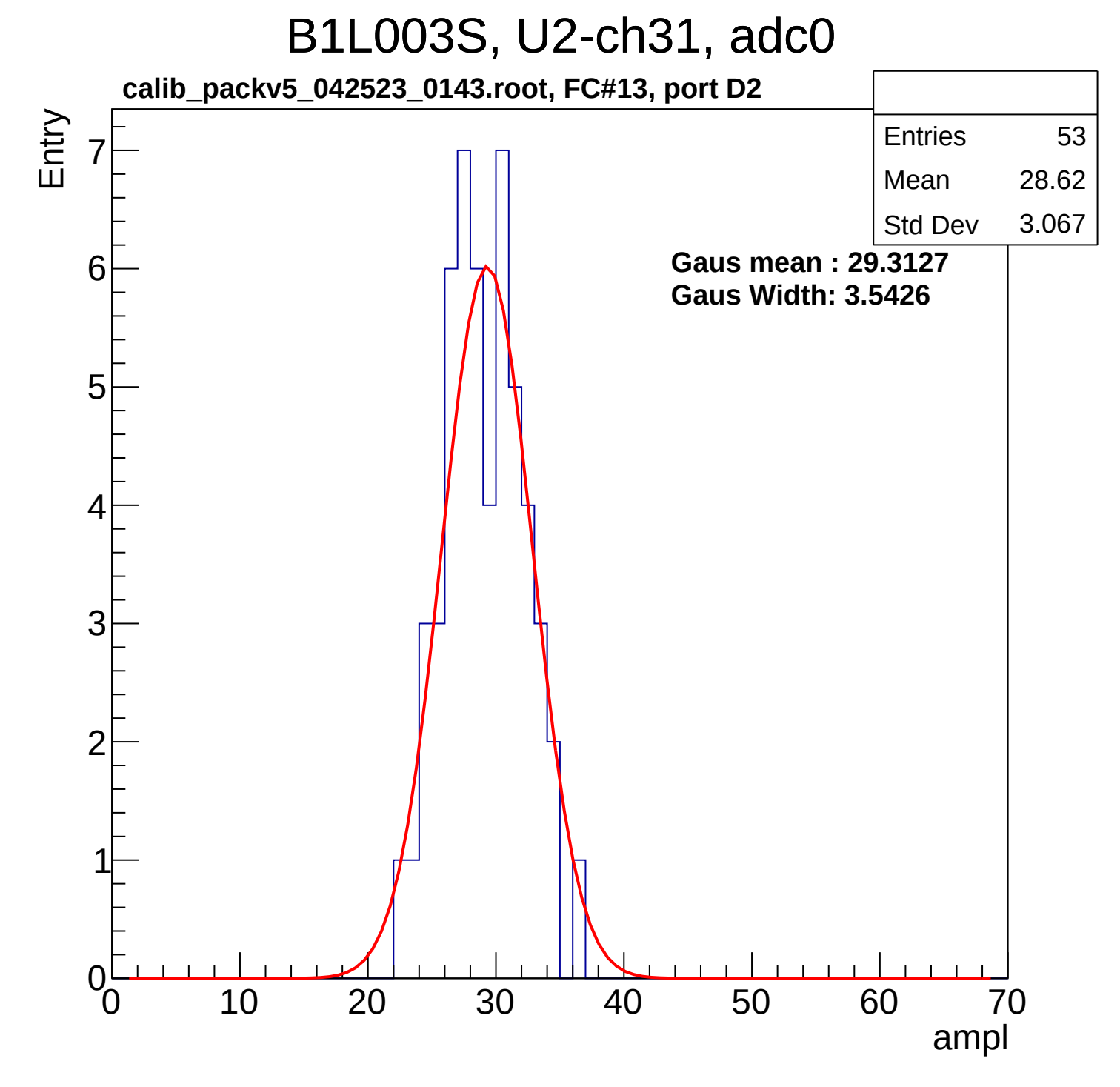
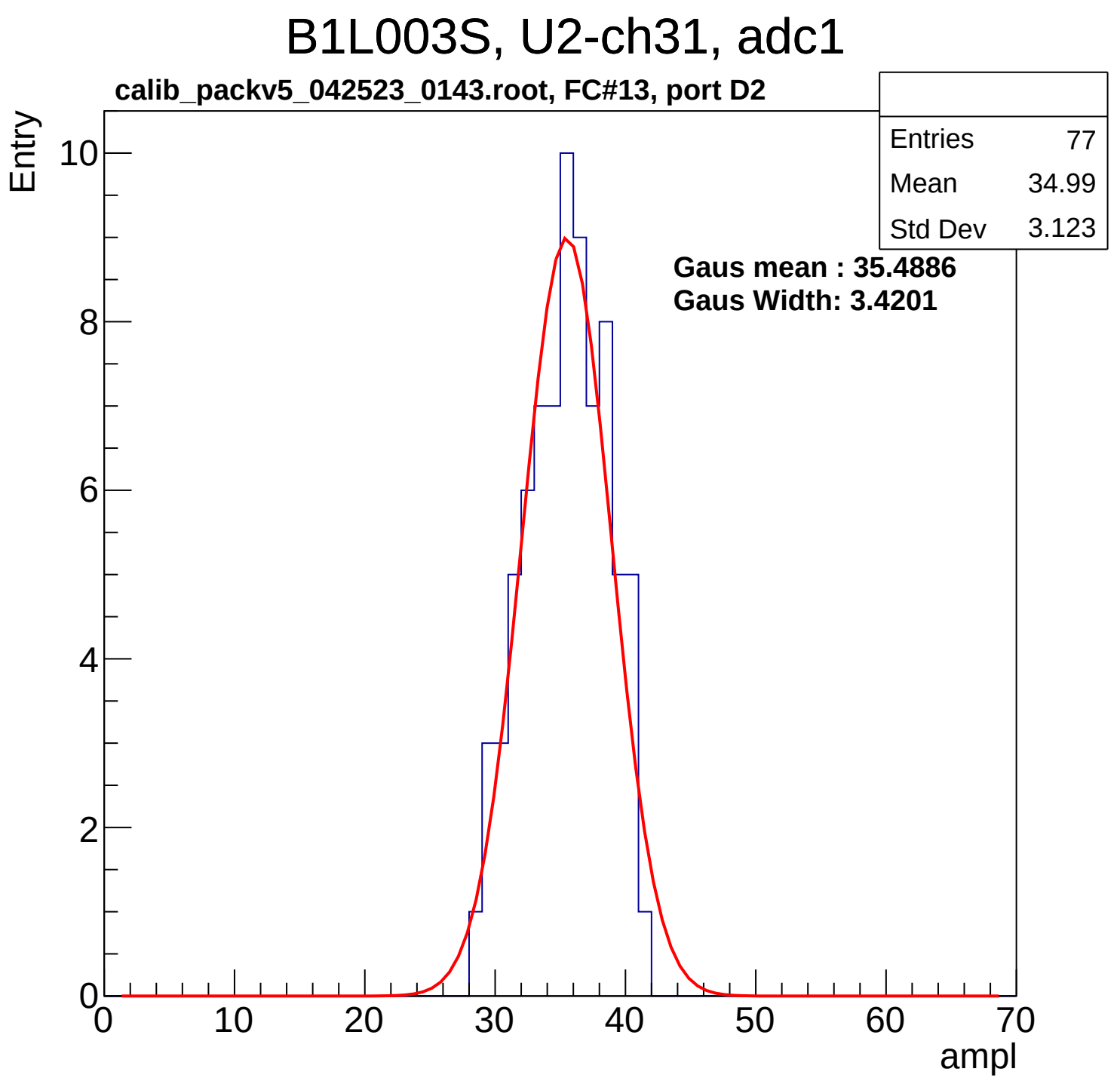
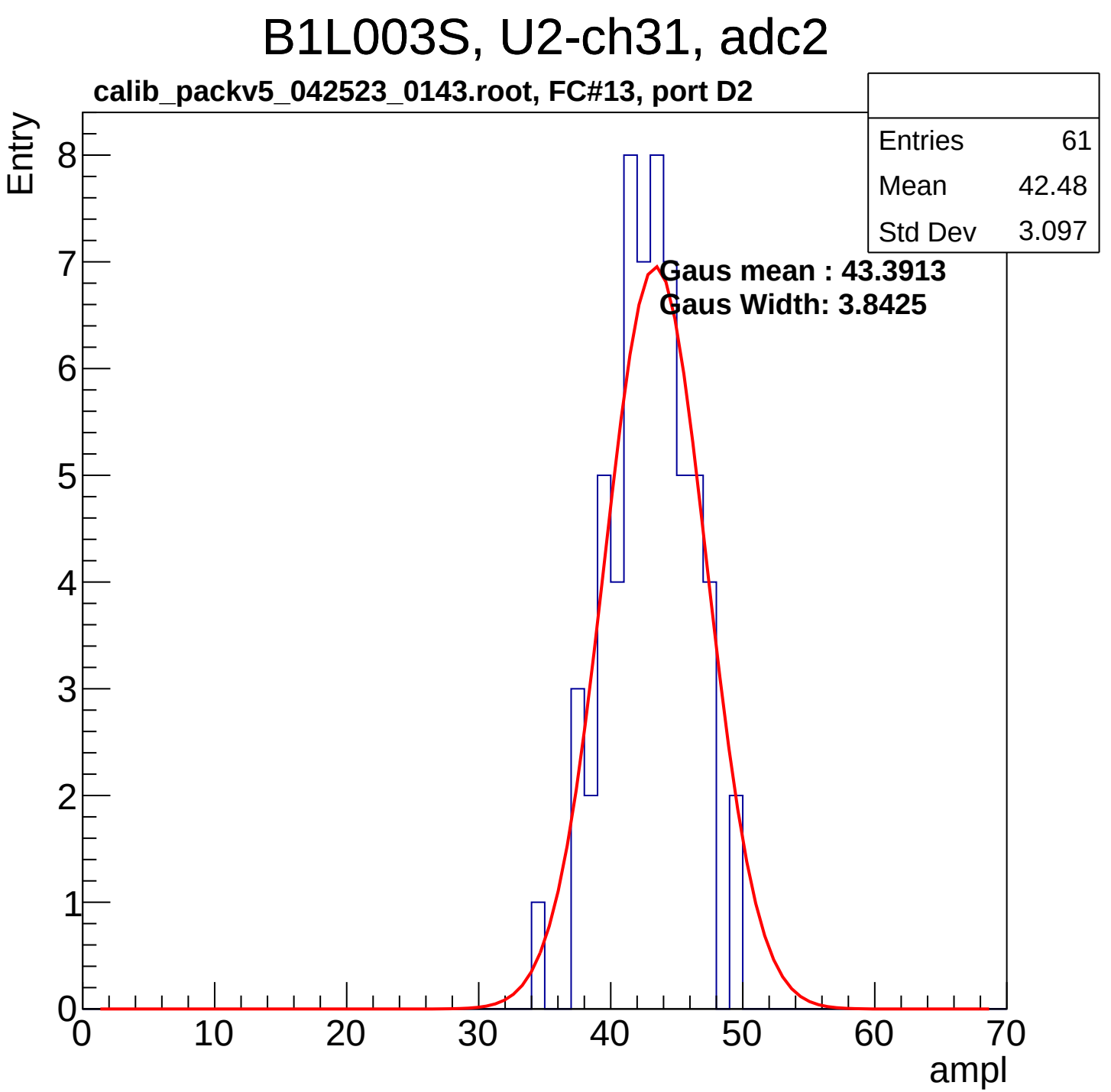

B1L003S, U2-ch30, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 58.94
Std Dev 8.768
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch30, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U2-ch30, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch31, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 28.62
Std Dev 3.067
Gaus mean : 29.3127
Gaus Width: 3.5426
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U2-ch31, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 34.99
Std Dev 3.123
Gaus mean : 35.4886
Gaus Width: 3.4201
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch31, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 42.48
Std Dev 3.097
Gaus mean : 43.3913
Gaus Width: 3.8425
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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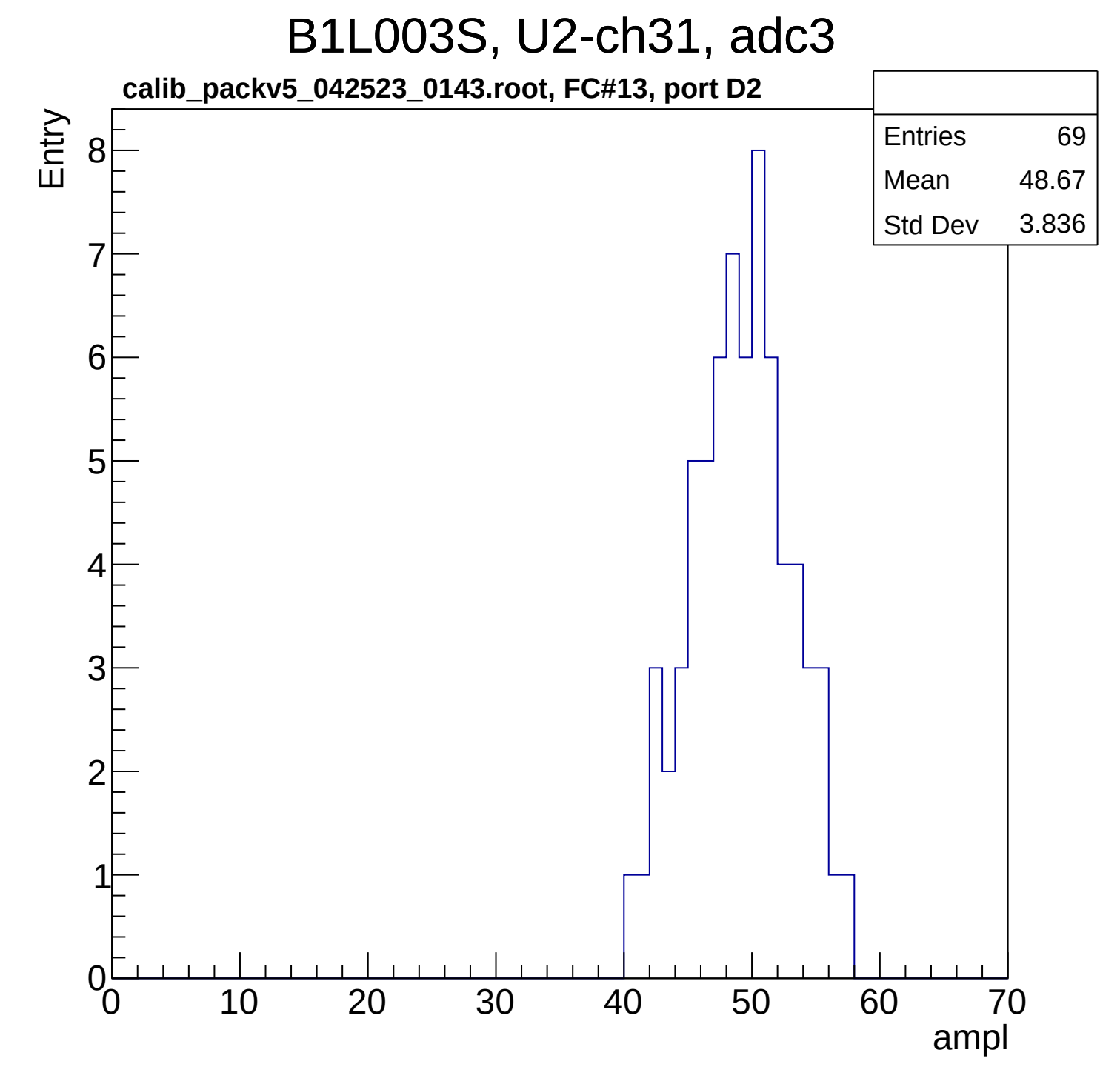
B1L003S, U2-ch31, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 48.67
Std Dev 3.836
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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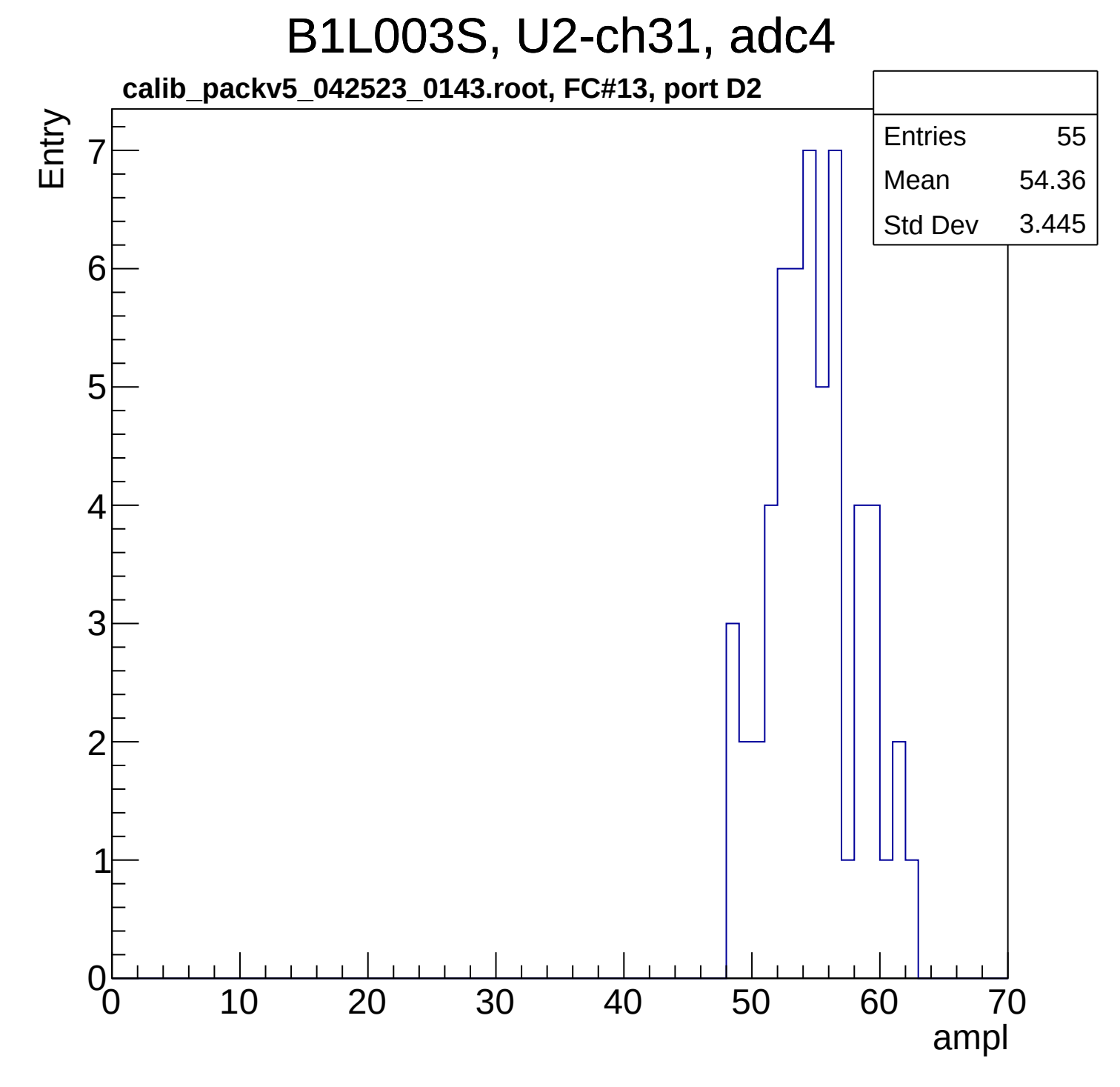
B1L003S, U2-ch31, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 54.36
Std Dev 3.445
Entry
ampl
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2
3
4
5
6
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0
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20
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40
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60
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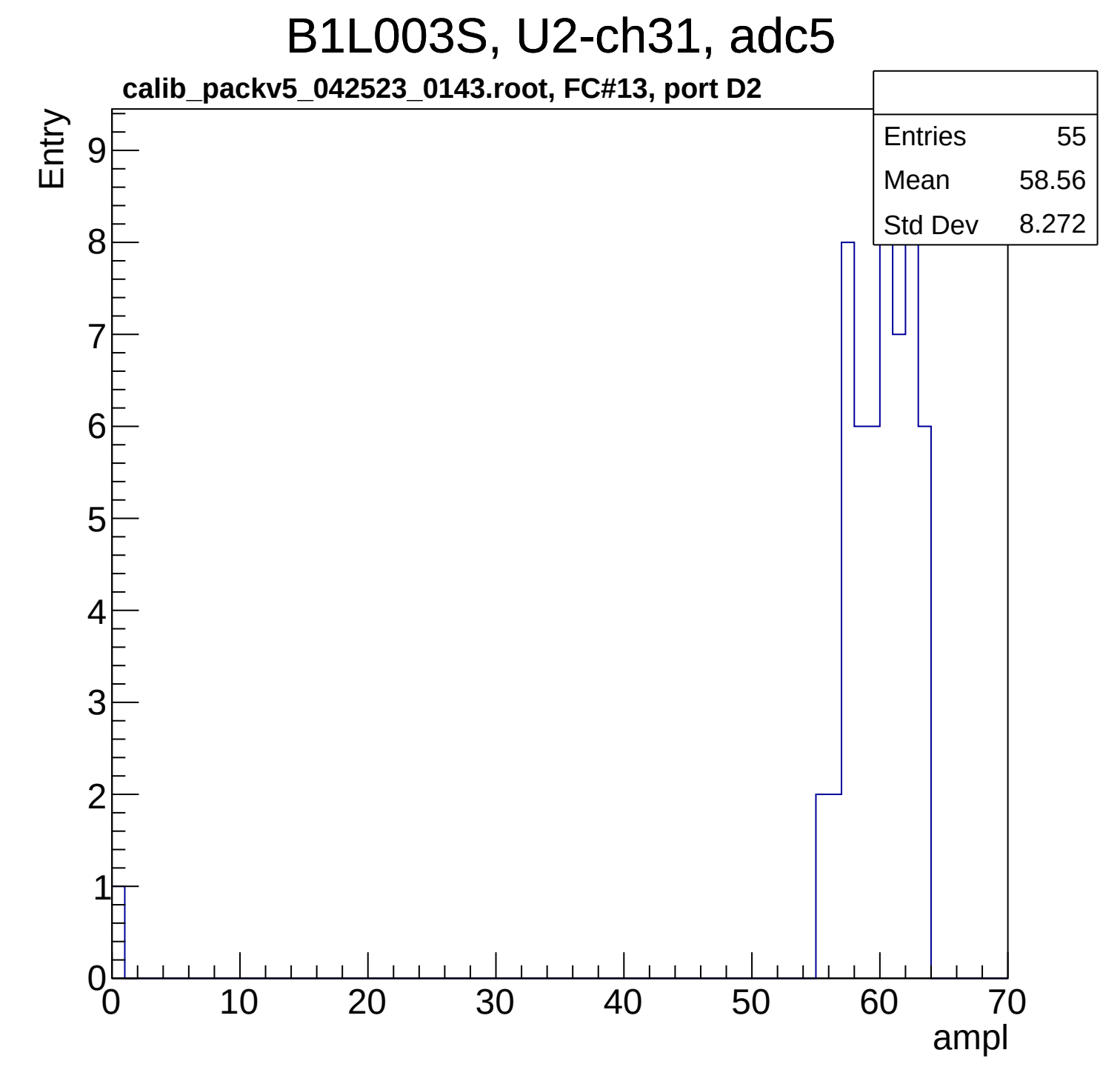
B1L003S, U2-ch31, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 58.56
Std Dev 8.272
Entry
ampl
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3
4
5
6
7
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0
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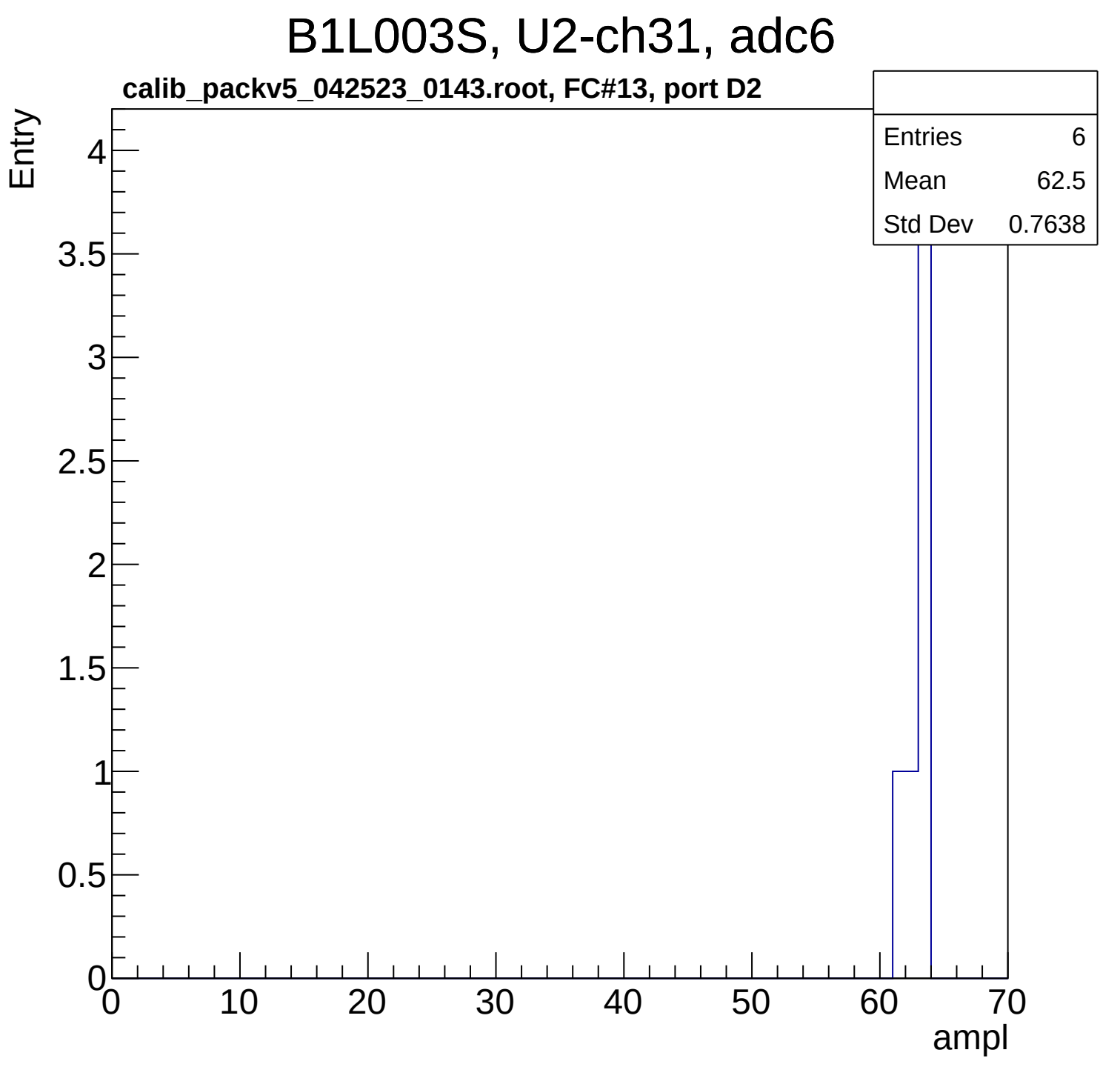
B1L003S, U2-ch31, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 62.5
Std Dev 0.7638
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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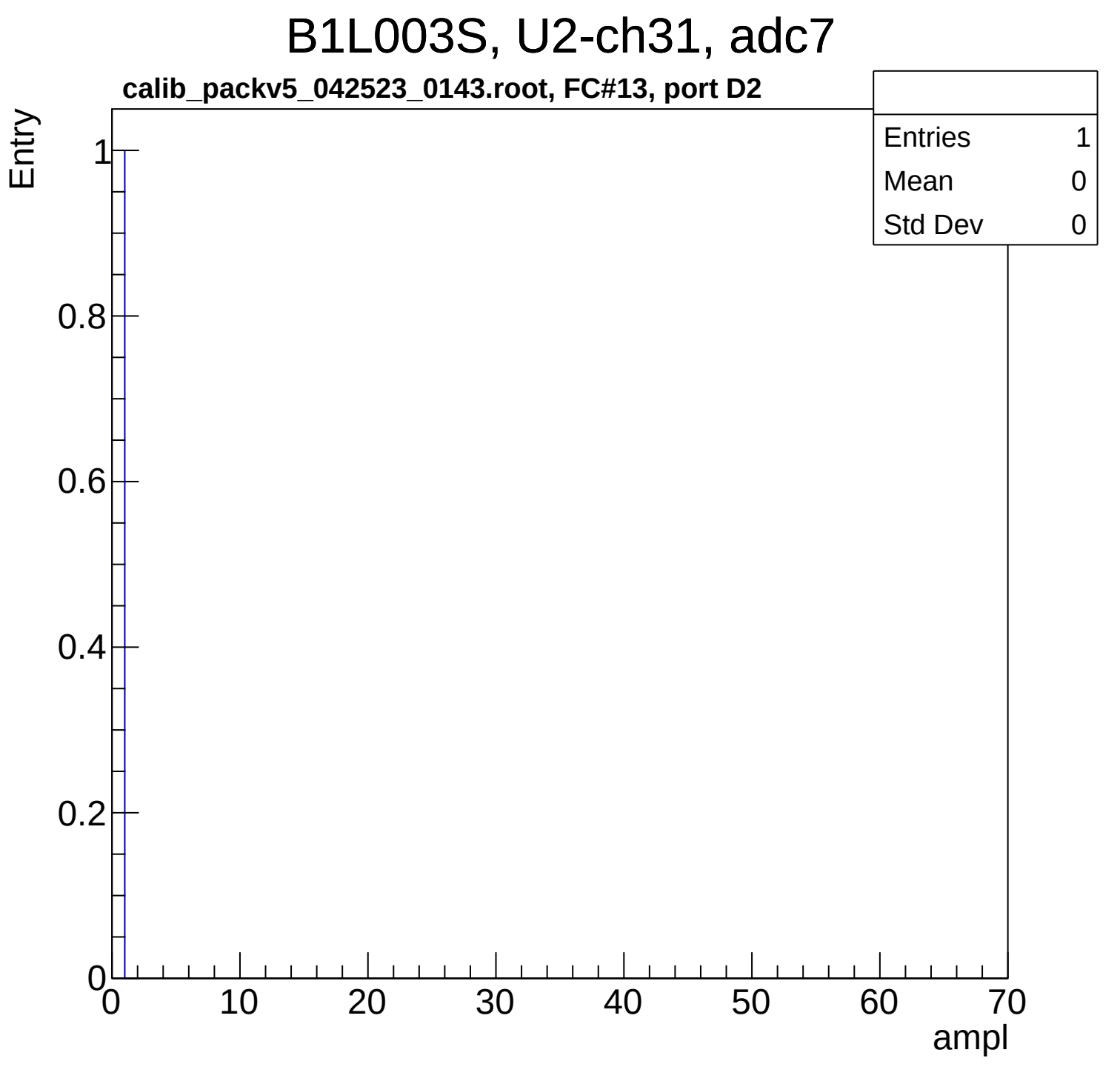
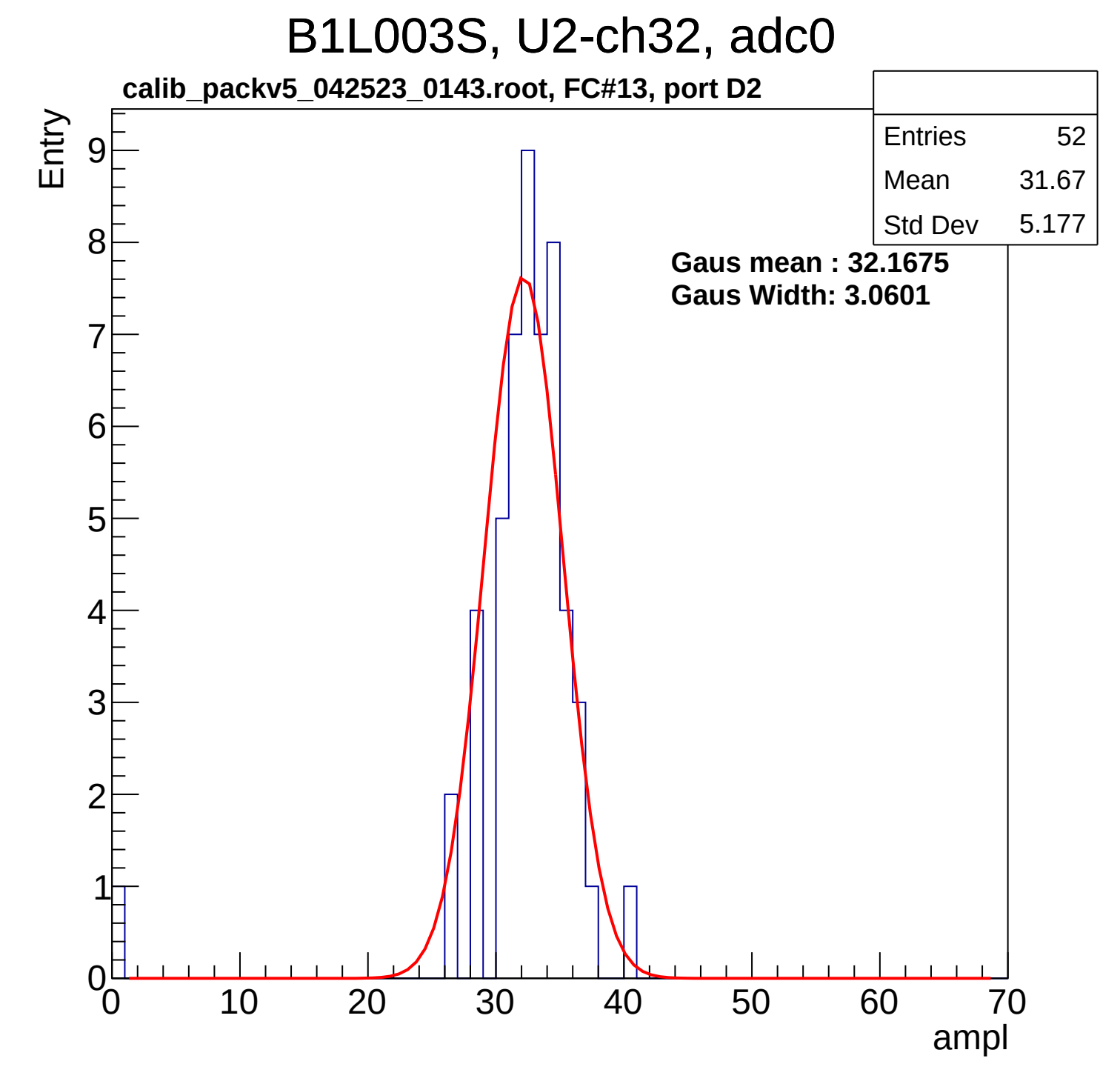
40
50
60
70


B1L003S, U2-ch31, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch32, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 31.67
Std Dev 5.177
Gaus mean : 32.1675
Gaus Width: 3.0601
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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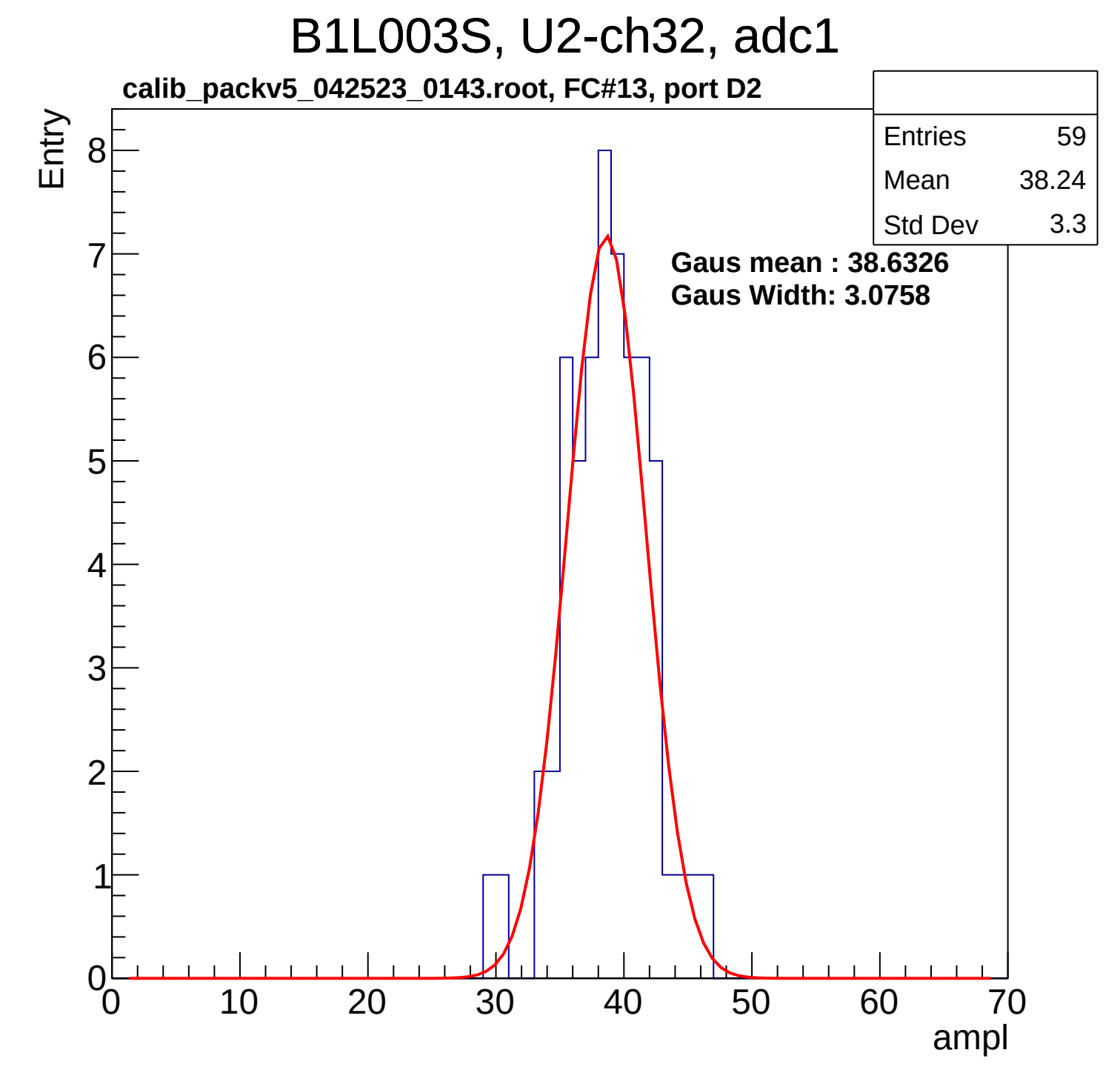
40
50
60
70


B1L003S, U2-ch32, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 38.24
Std Dev 3.3
Gaus mean : 38.6326
Gaus Width: 3.0758
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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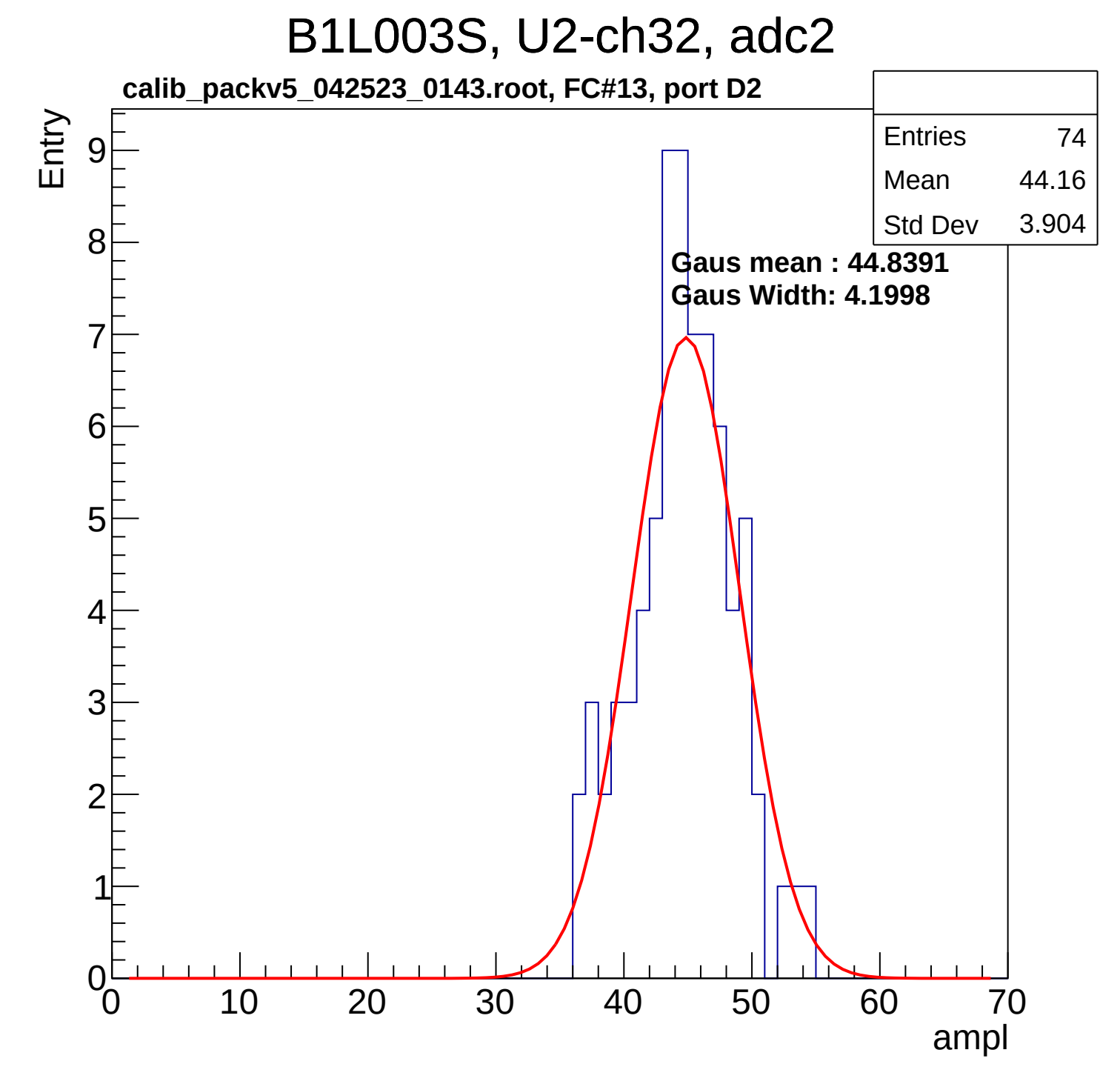
60
70


B1L003S, U2-ch32, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 44.16
Std Dev 3.904
Gaus mean : 44.8391
Gaus Width: 4.1998
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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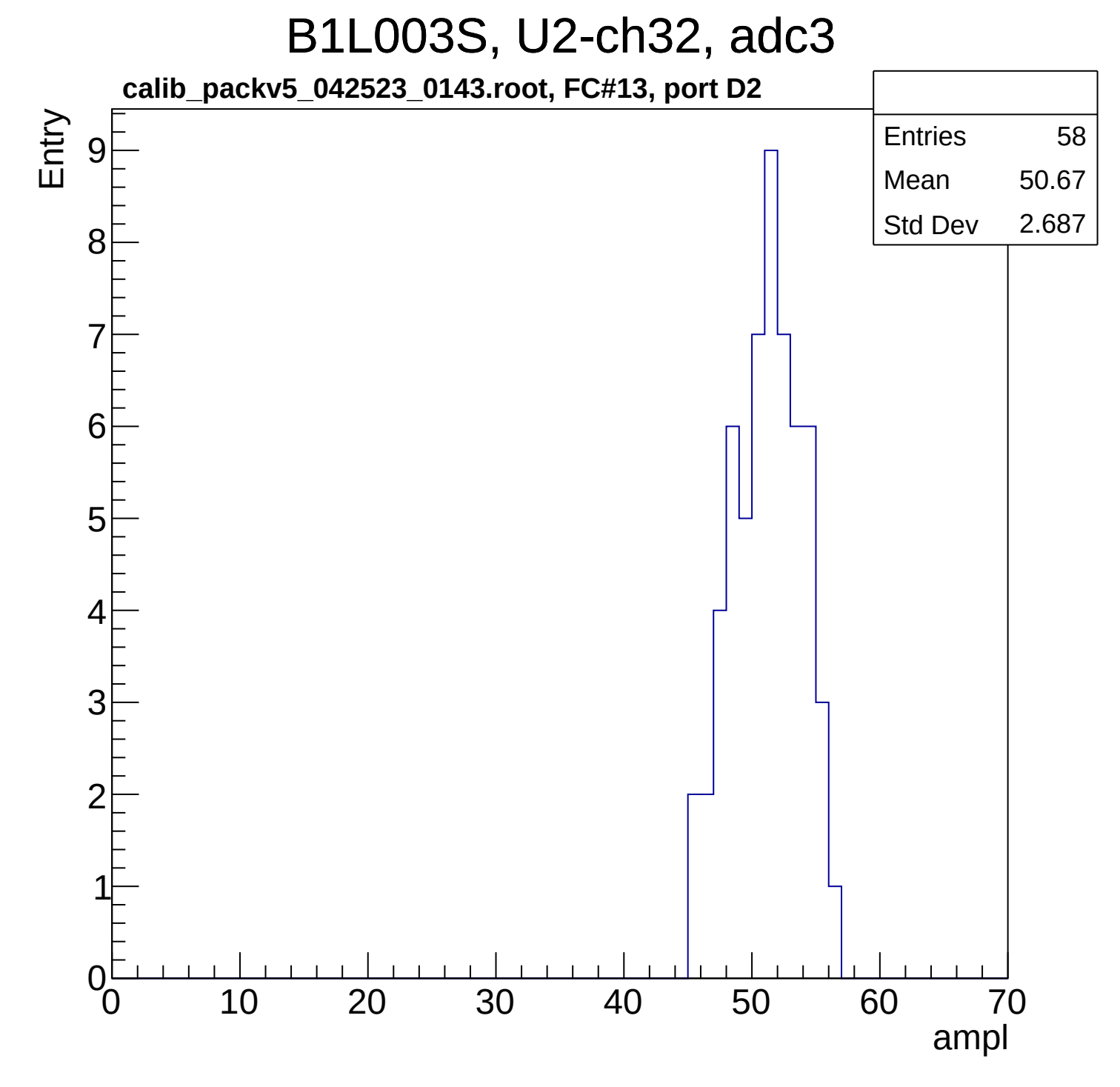
B1L003S, U2-ch32, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 50.67
Std Dev 2.687
Entry
ampl
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3
4
5
6
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0
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60
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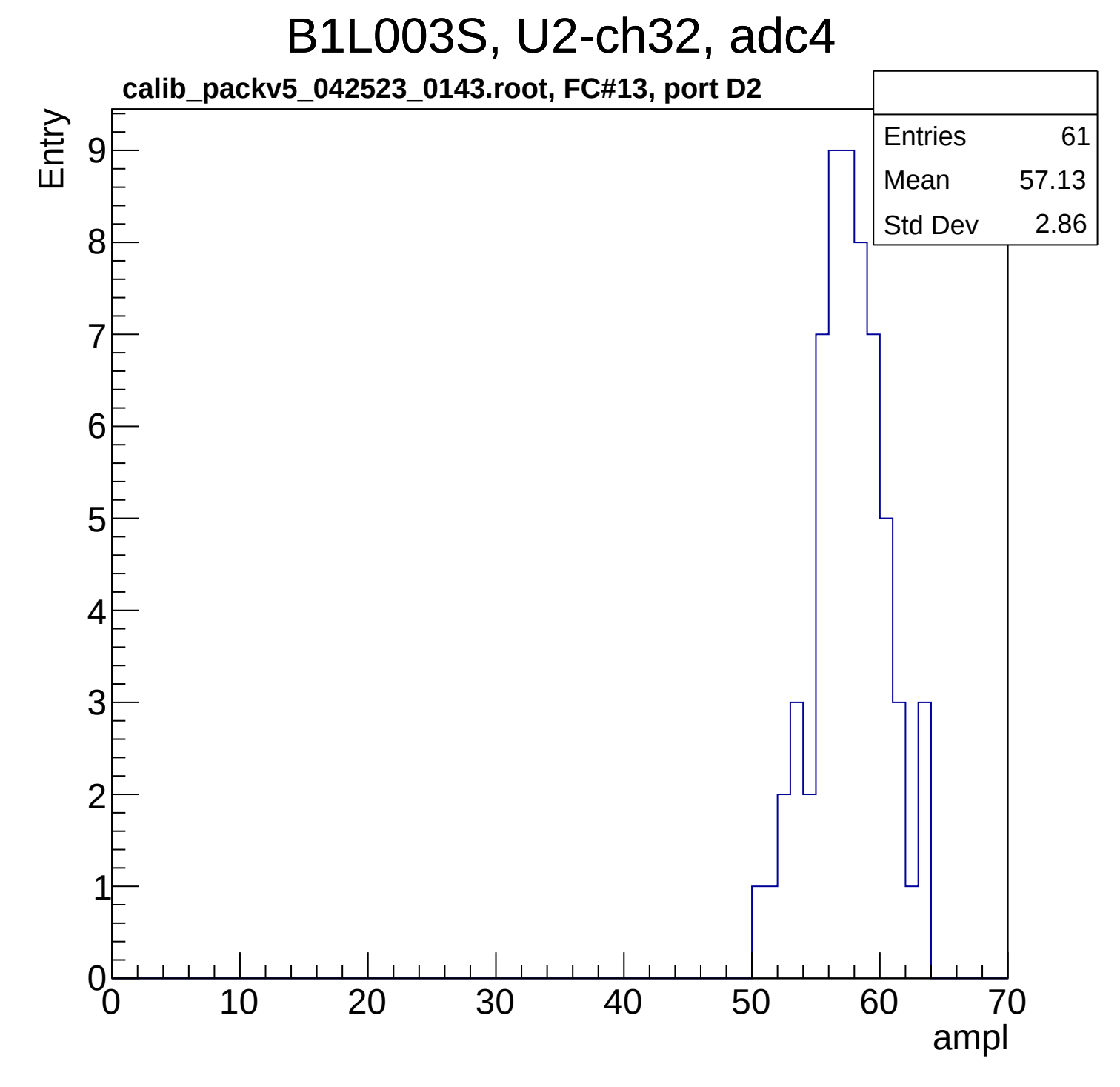
B1L003S, U2-ch32, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 57.13
Std Dev 2.86
Entry
ampl
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0
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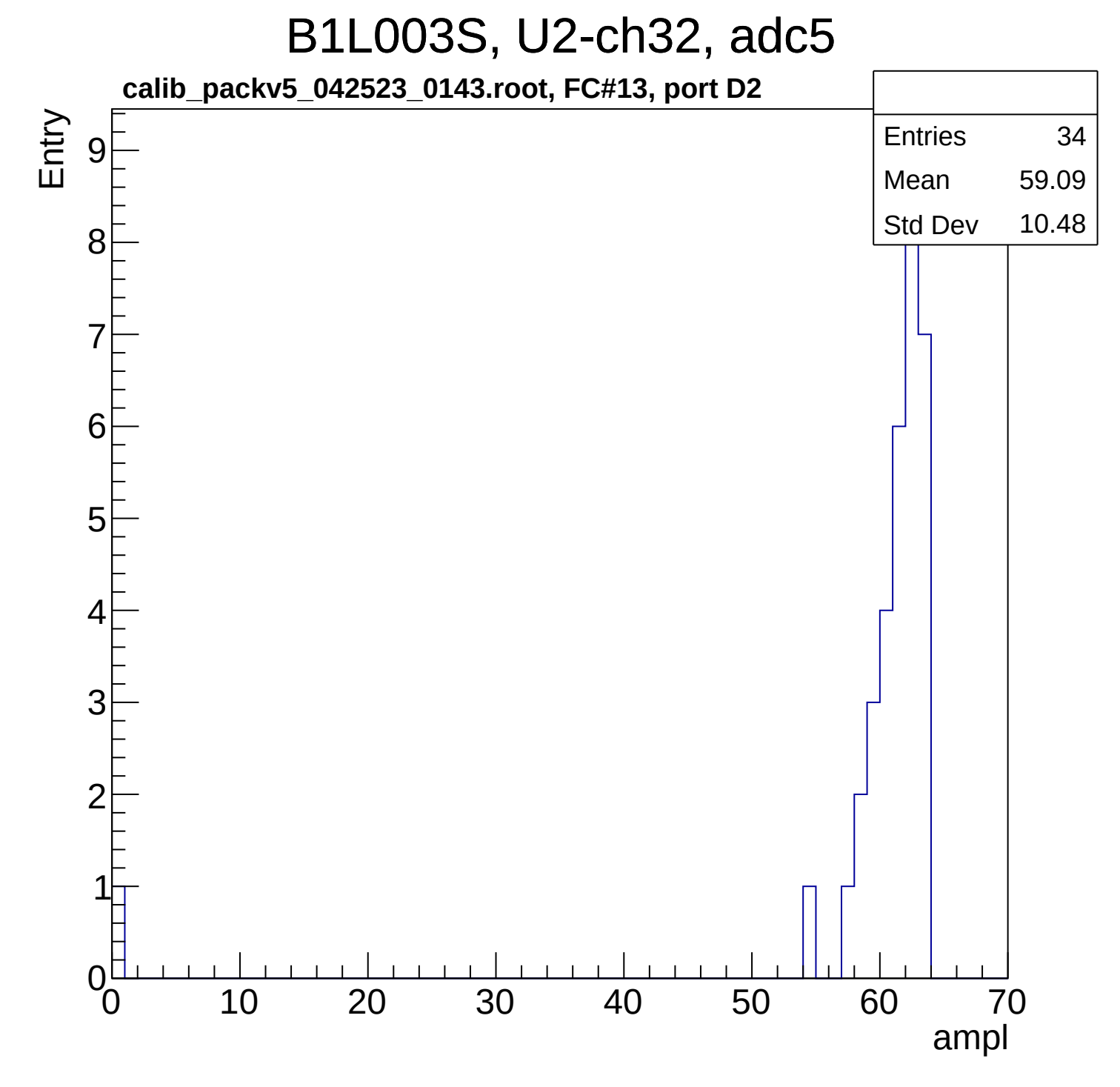
B1L003S, U2-ch32, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 34
Mean 59.09
Std Dev 10.48
Entry
ampl
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6
7
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0
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60
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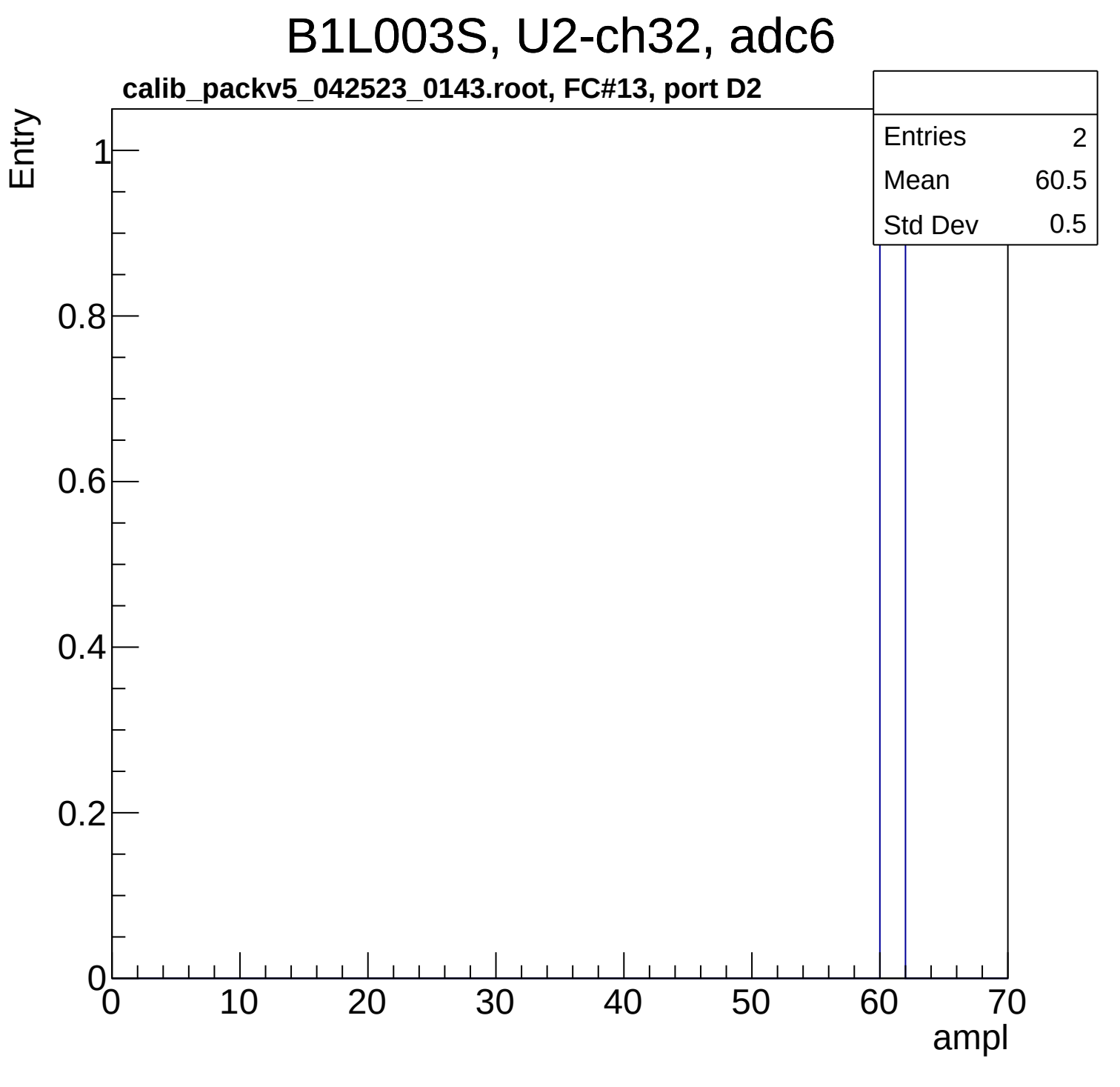
B1L003S, U2-ch32, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 60.5
Std Dev 0.5
Entry
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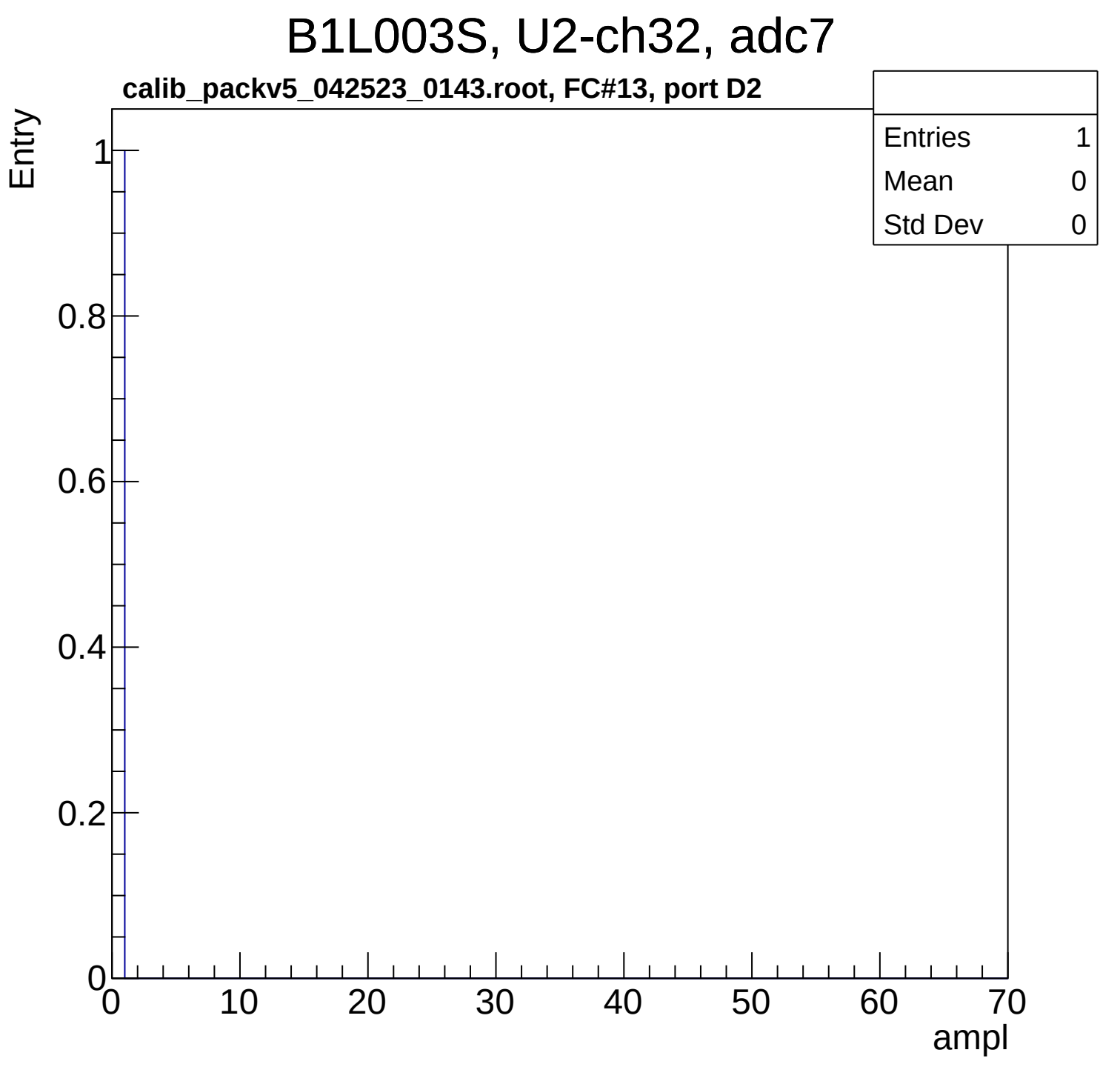
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch32, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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0
10
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30
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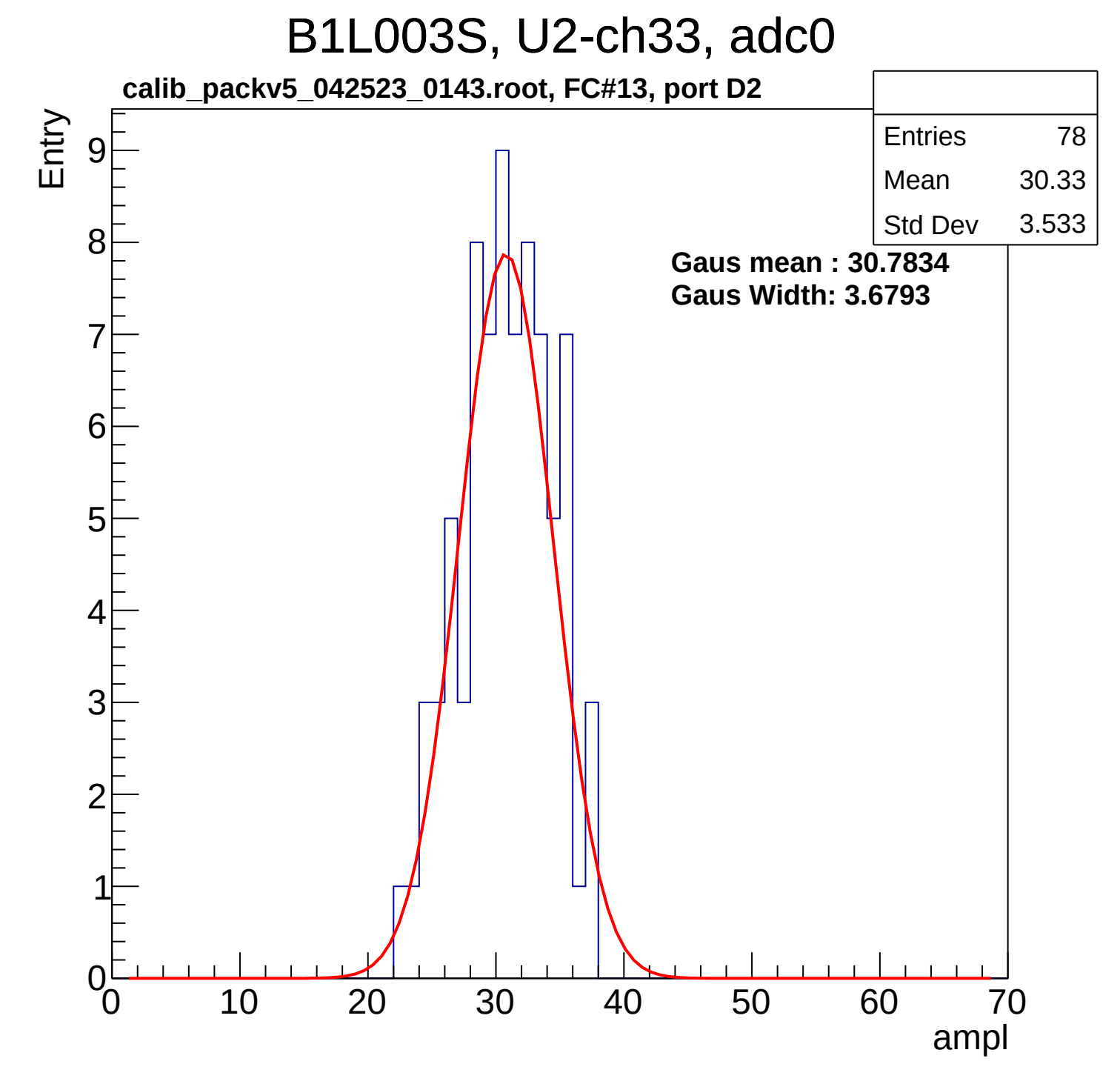
50
60
70
ampl


B1L003S, U2-ch33, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 30.33
Std Dev 3.533
Gaus mean : 30.7834
Gaus Width: 3.6793
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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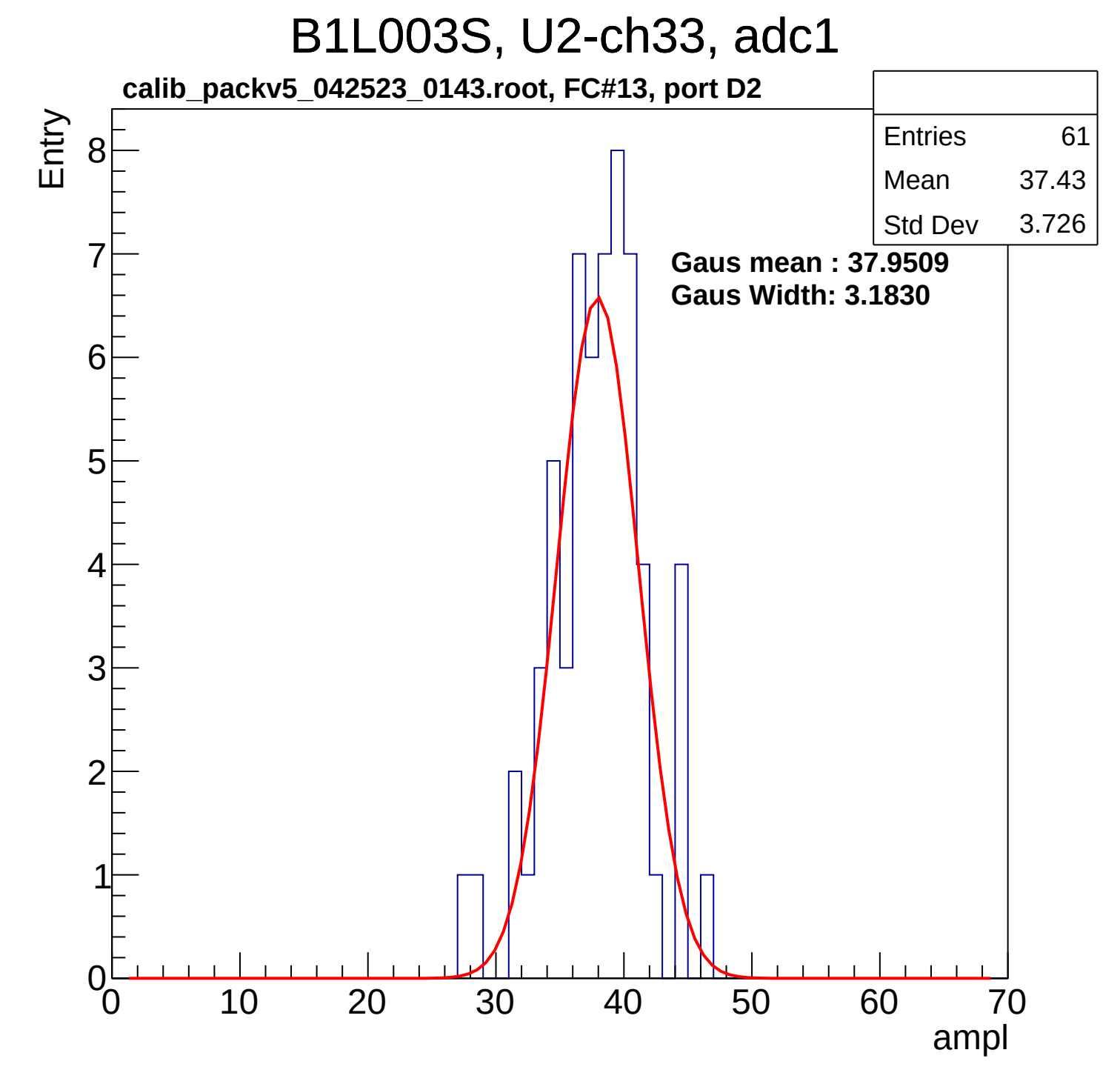
B1L003S, U2-ch33, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 37.43
Std Dev 3.726
Gaus mean : 37.9509
Gaus Width: 3.1830
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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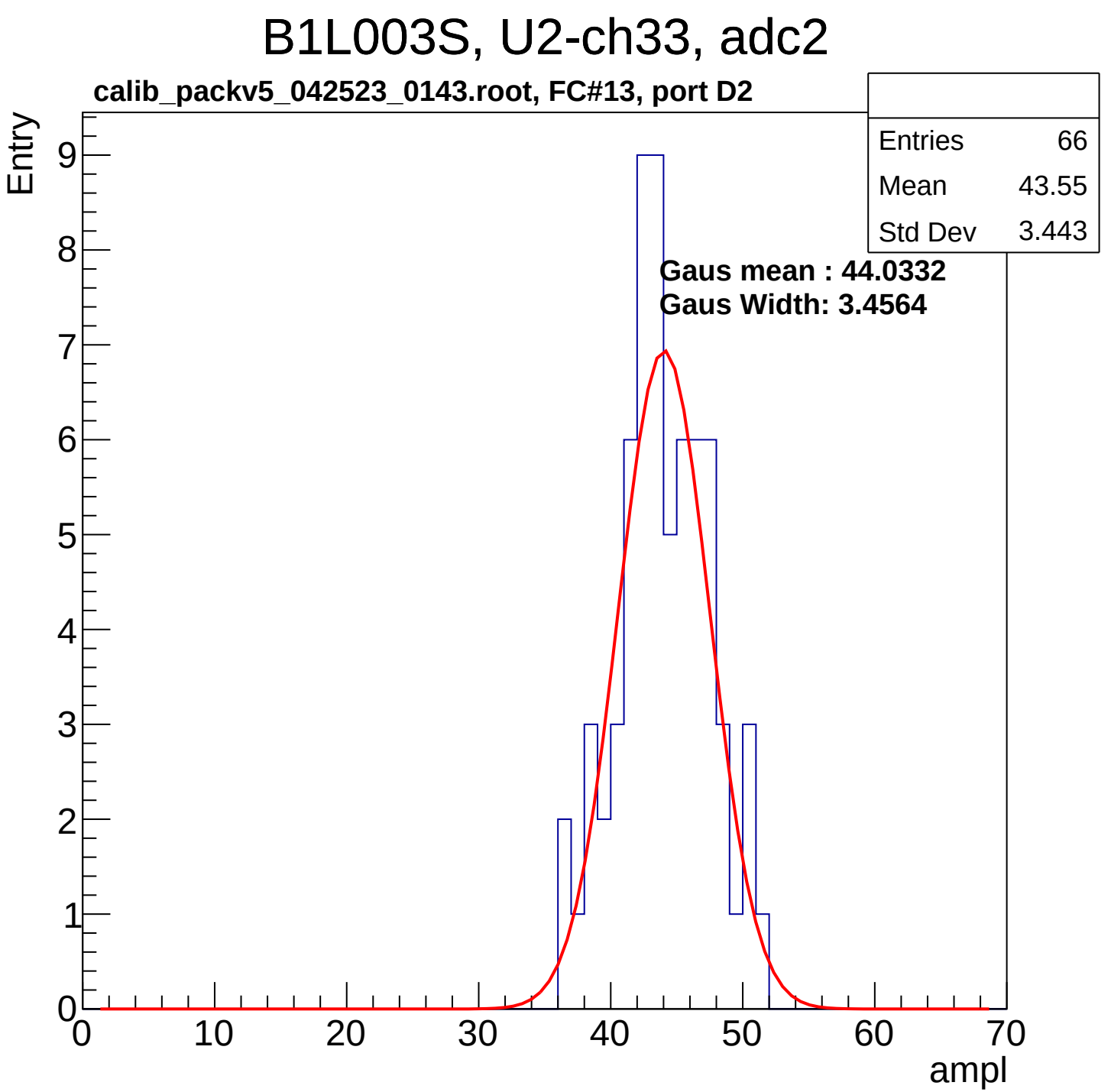
B1L003S, U2-ch33, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 43.55
Std Dev 3.443
Gaus mean : 44.0332
Gaus Width: 3.4564
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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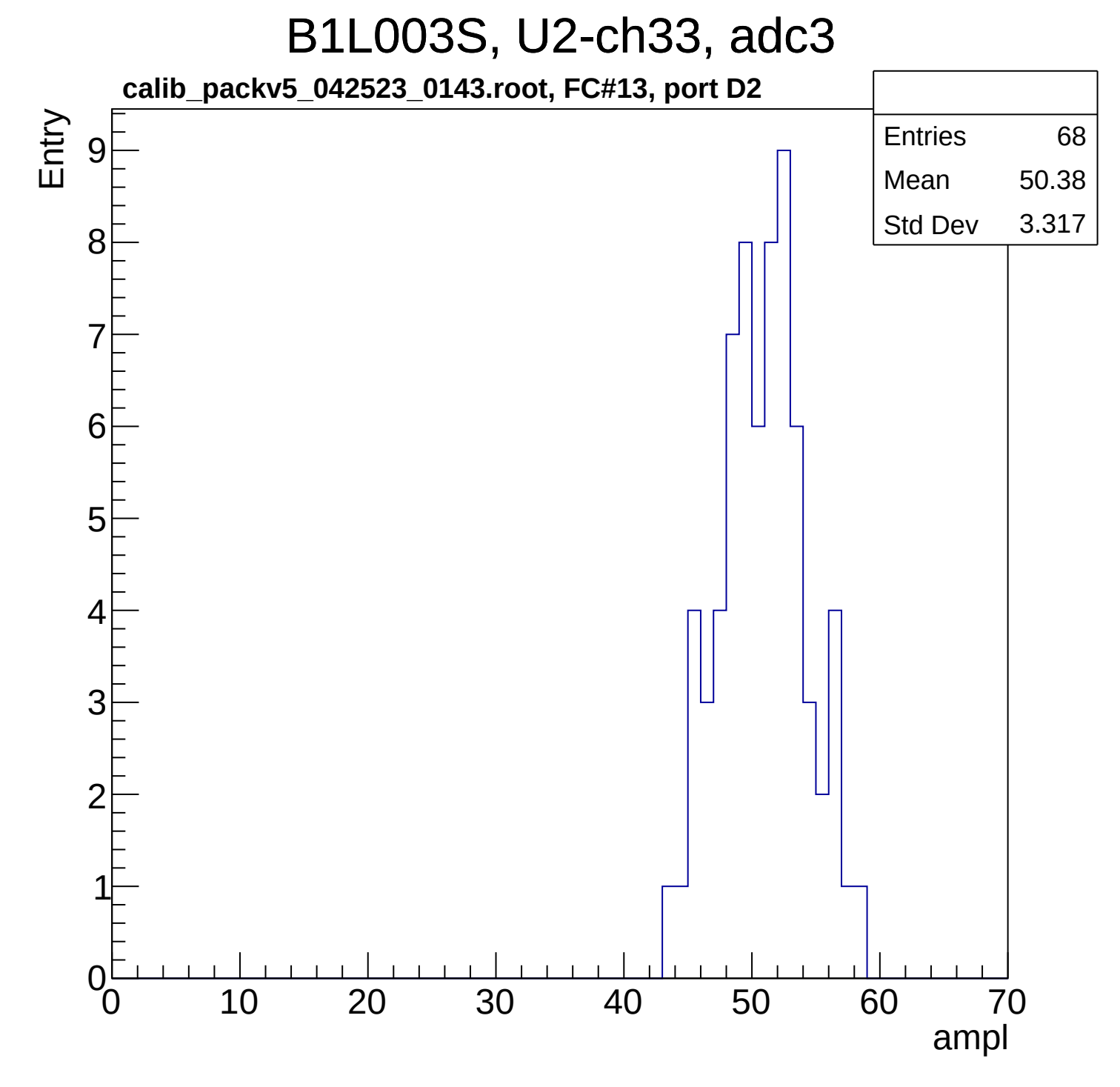
B1L003S, U2-ch33, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 50.38
Std Dev 3.317
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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40
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60
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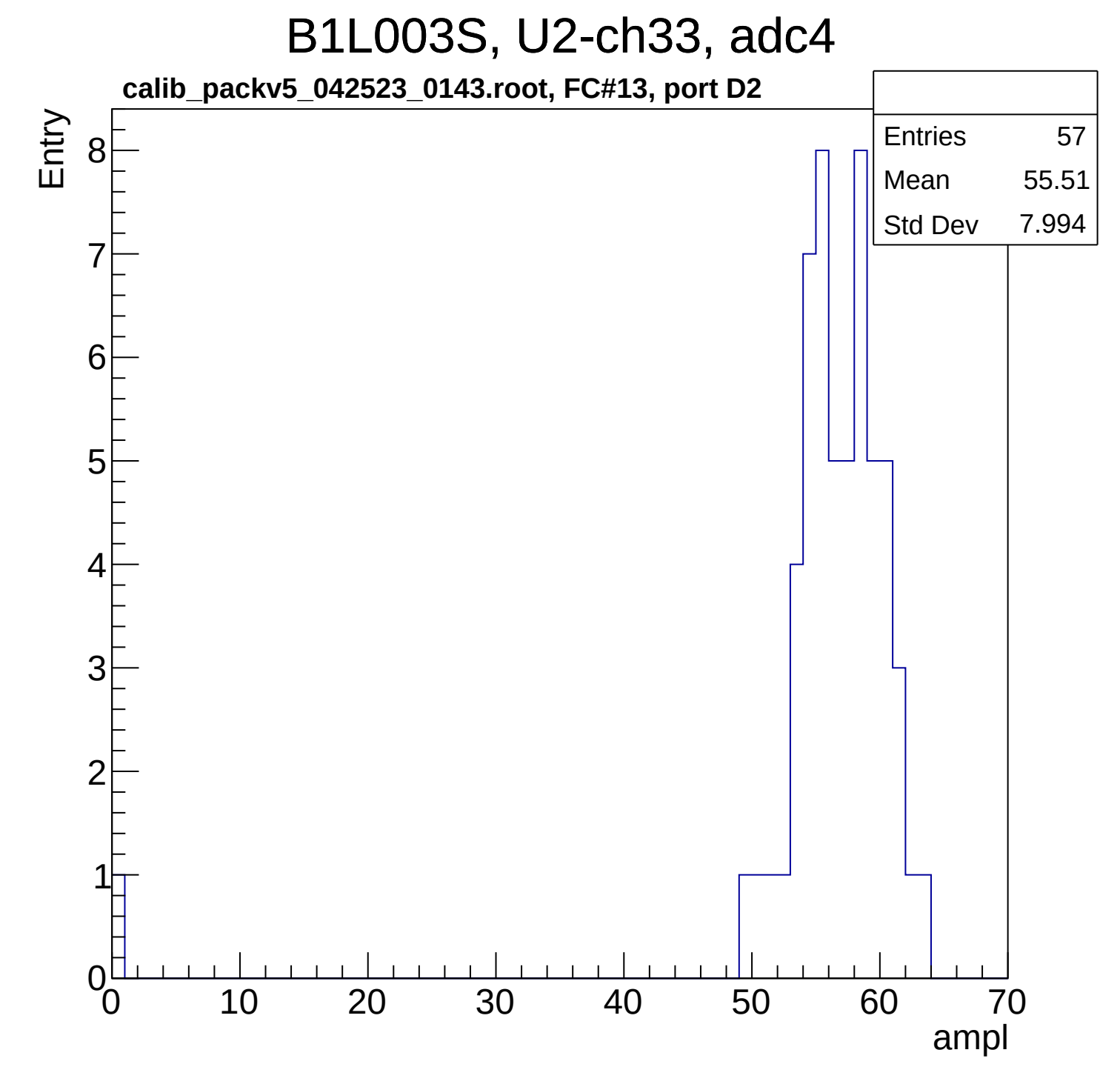
B1L003S, U2-ch33, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 55.51
Std Dev 7.994
Entry
ampl
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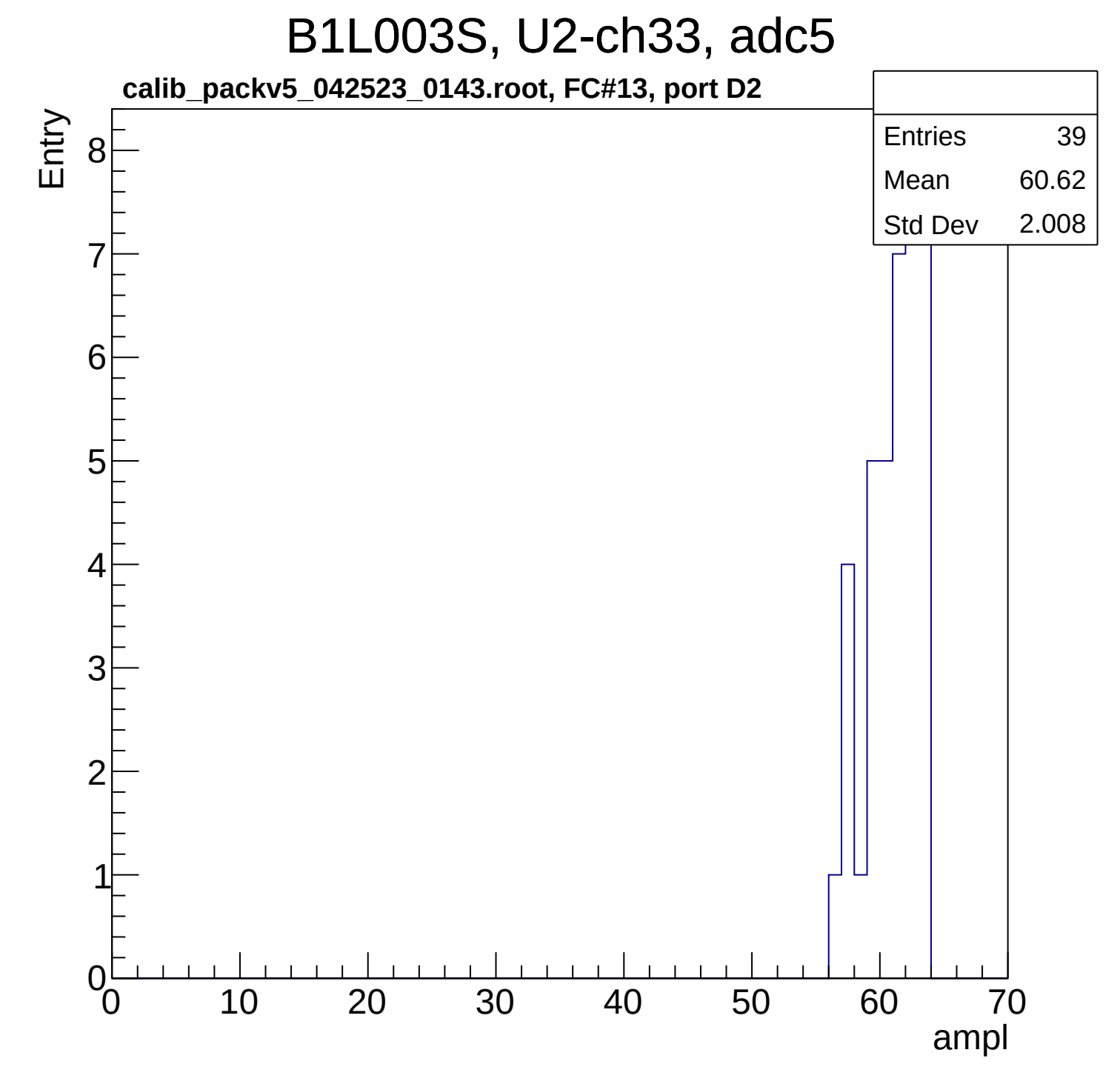
B1L003S, U2-ch33, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 60.62
Std Dev 2.008
Entry
ampl
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60
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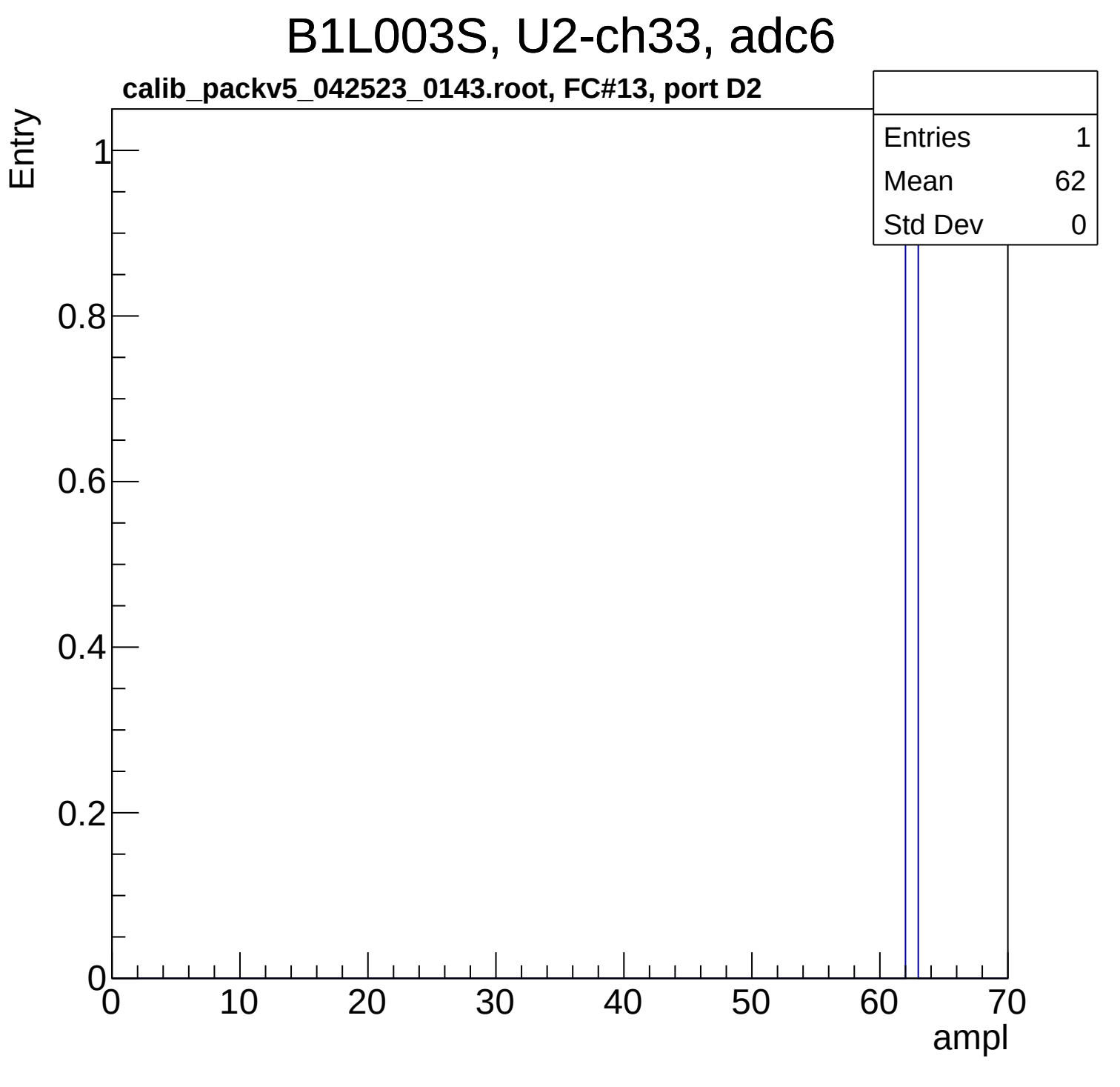
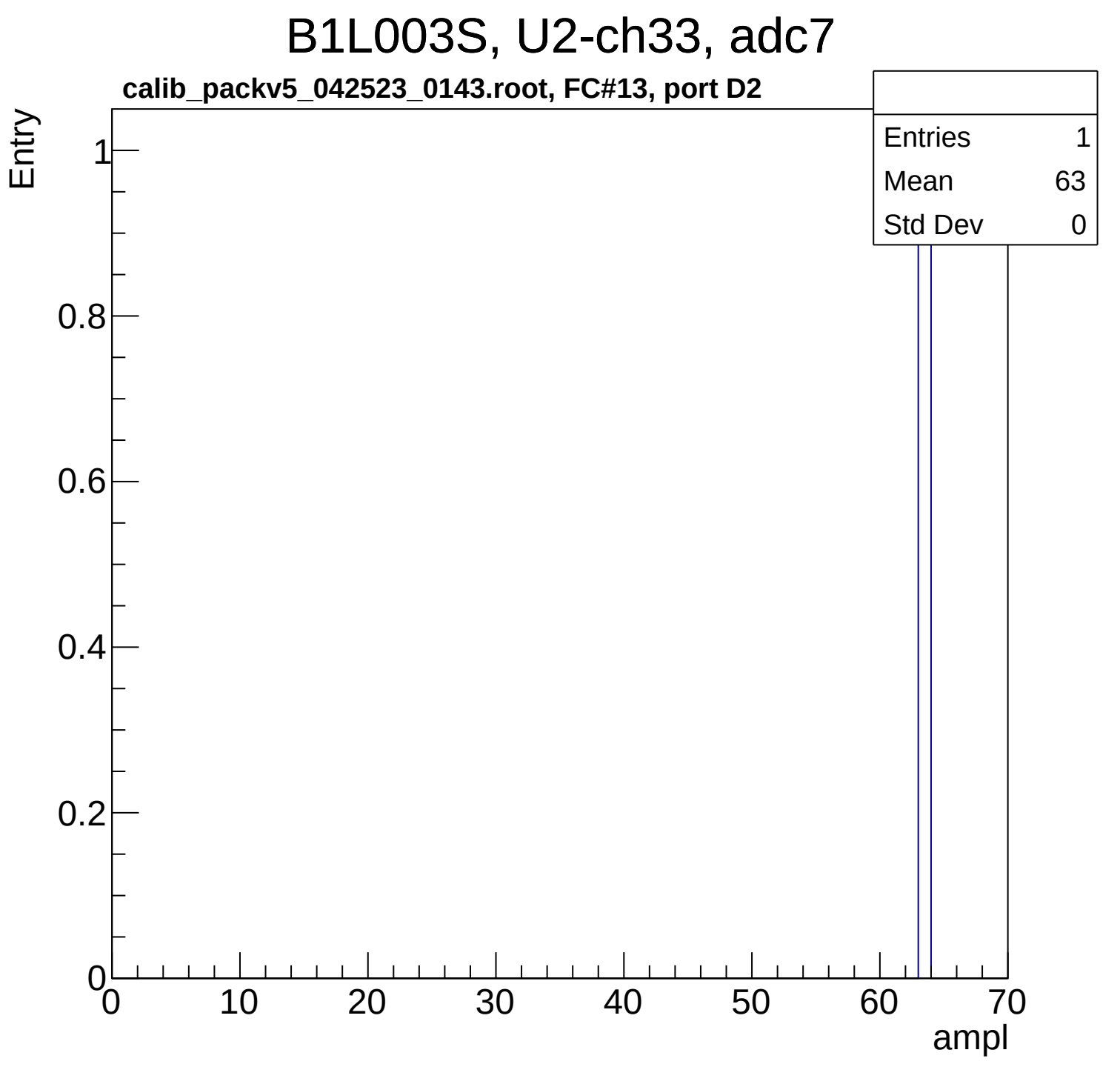

B1L003S, U2-ch33, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch33, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
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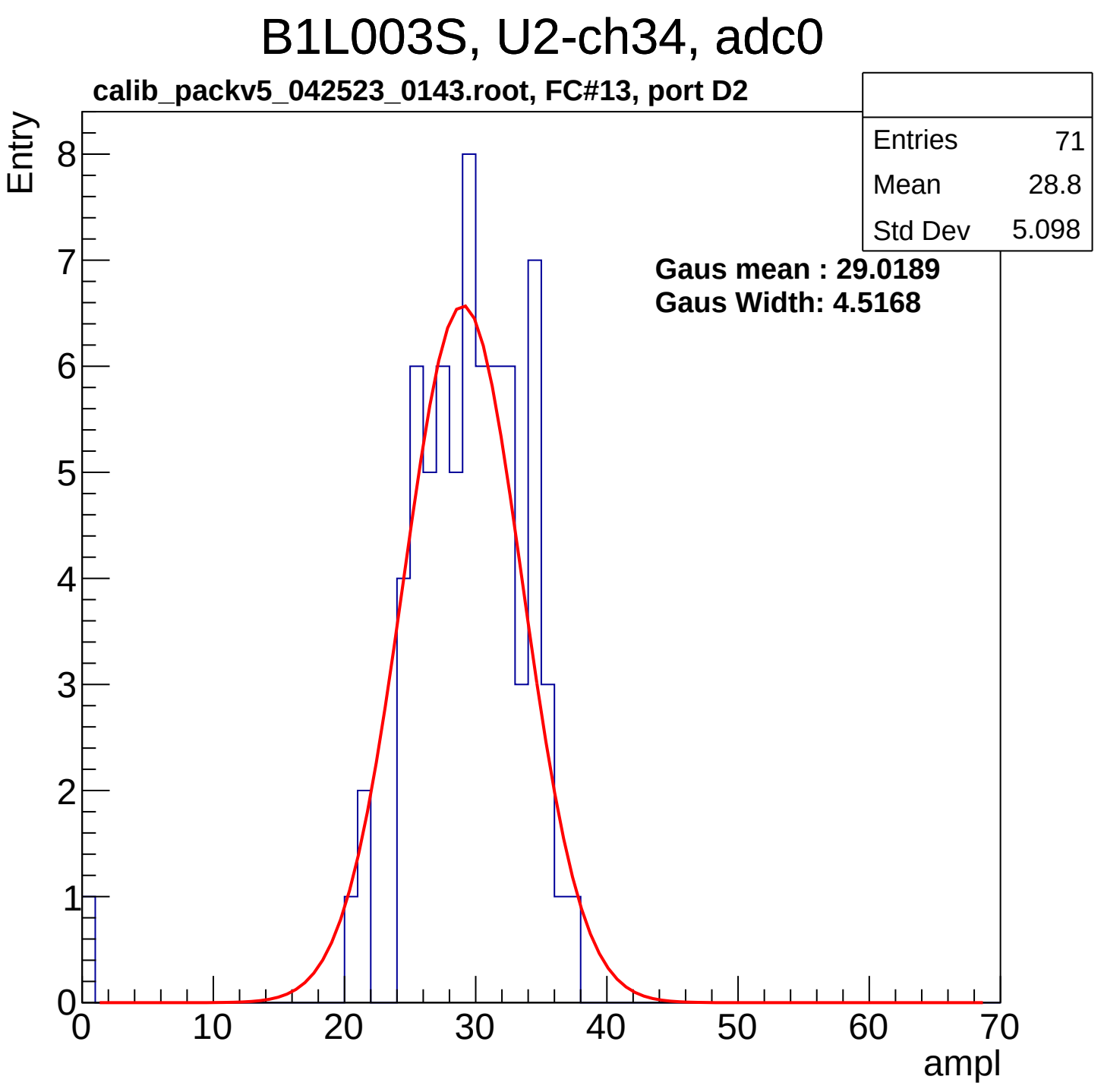
60
70
ampl


B1L003S, U2-ch34, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 28.8
Std Dev 5.098
Gaus mean : 29.0189
Gaus Width: 4.5168
Entry
ampl
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1
2
3
4
5
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7
8
0
10
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40
50
60
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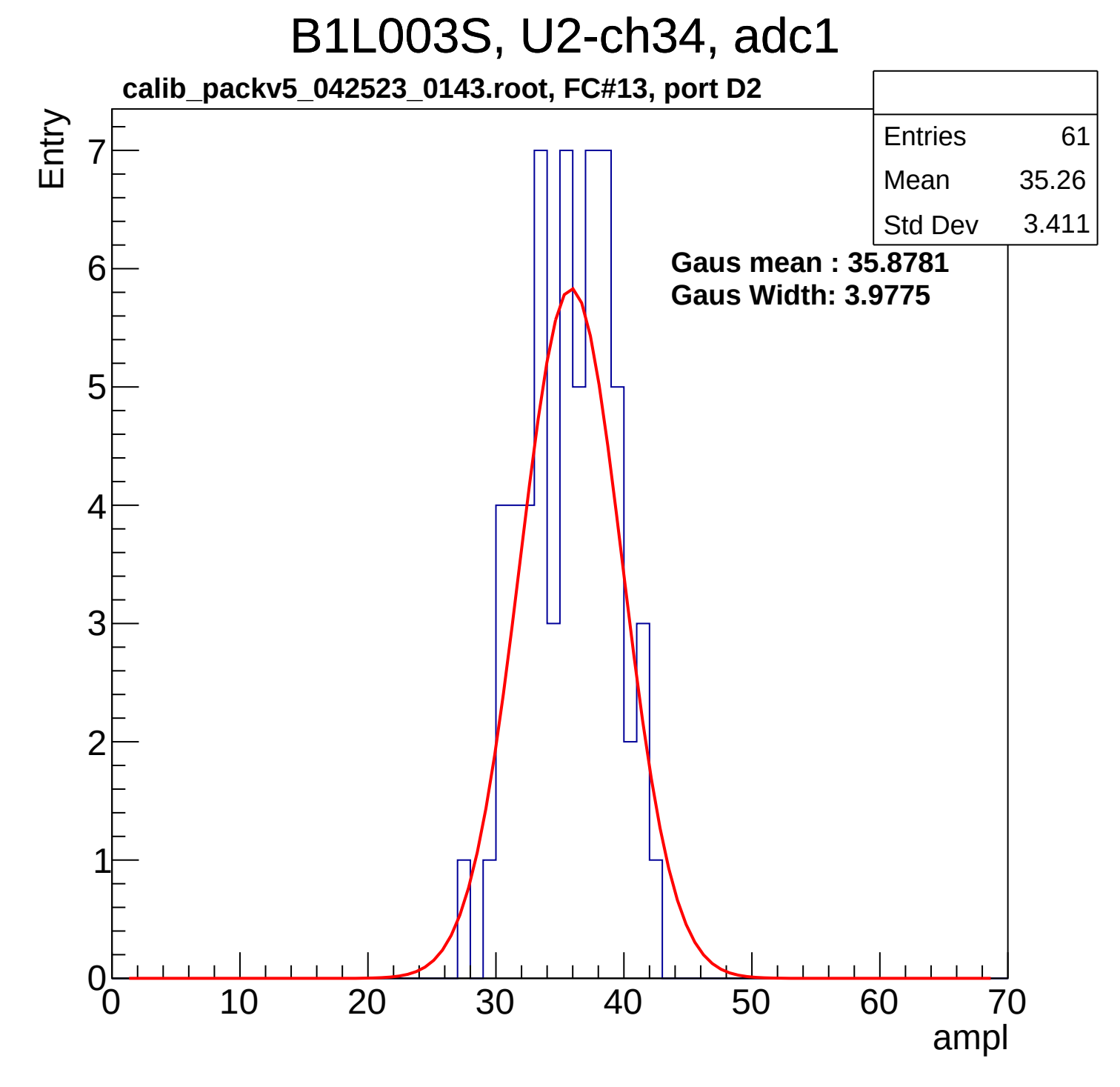
B1L003S, U2-ch34, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 35.26
Std Dev 3.411
Gaus mean : 35.8781
Gaus Width: 3.9775
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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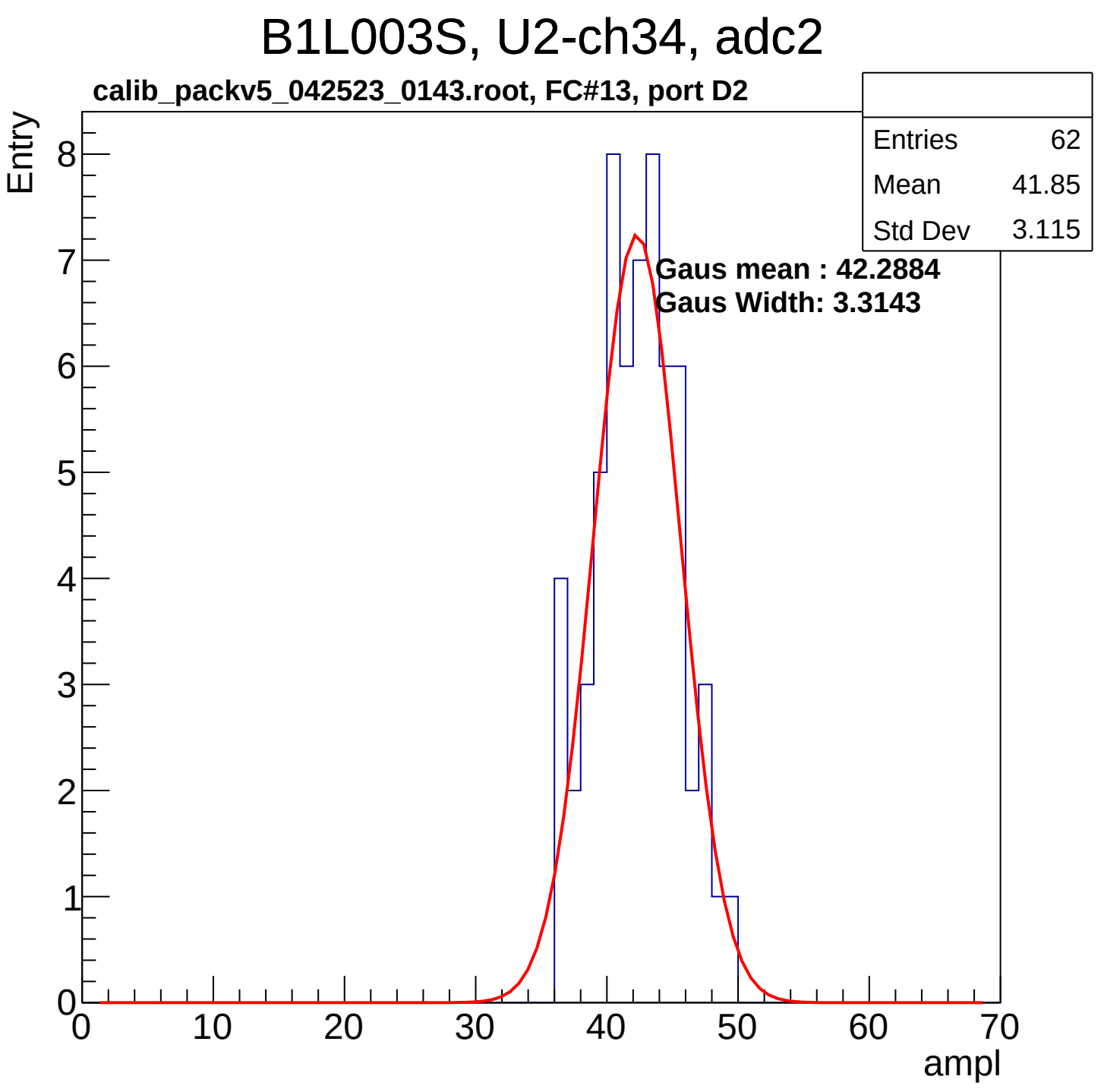
B1L003S, U2-ch34, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 41.85
Std Dev 3.115
Gaus mean : 42.2884
Gaus Width: 3.3143
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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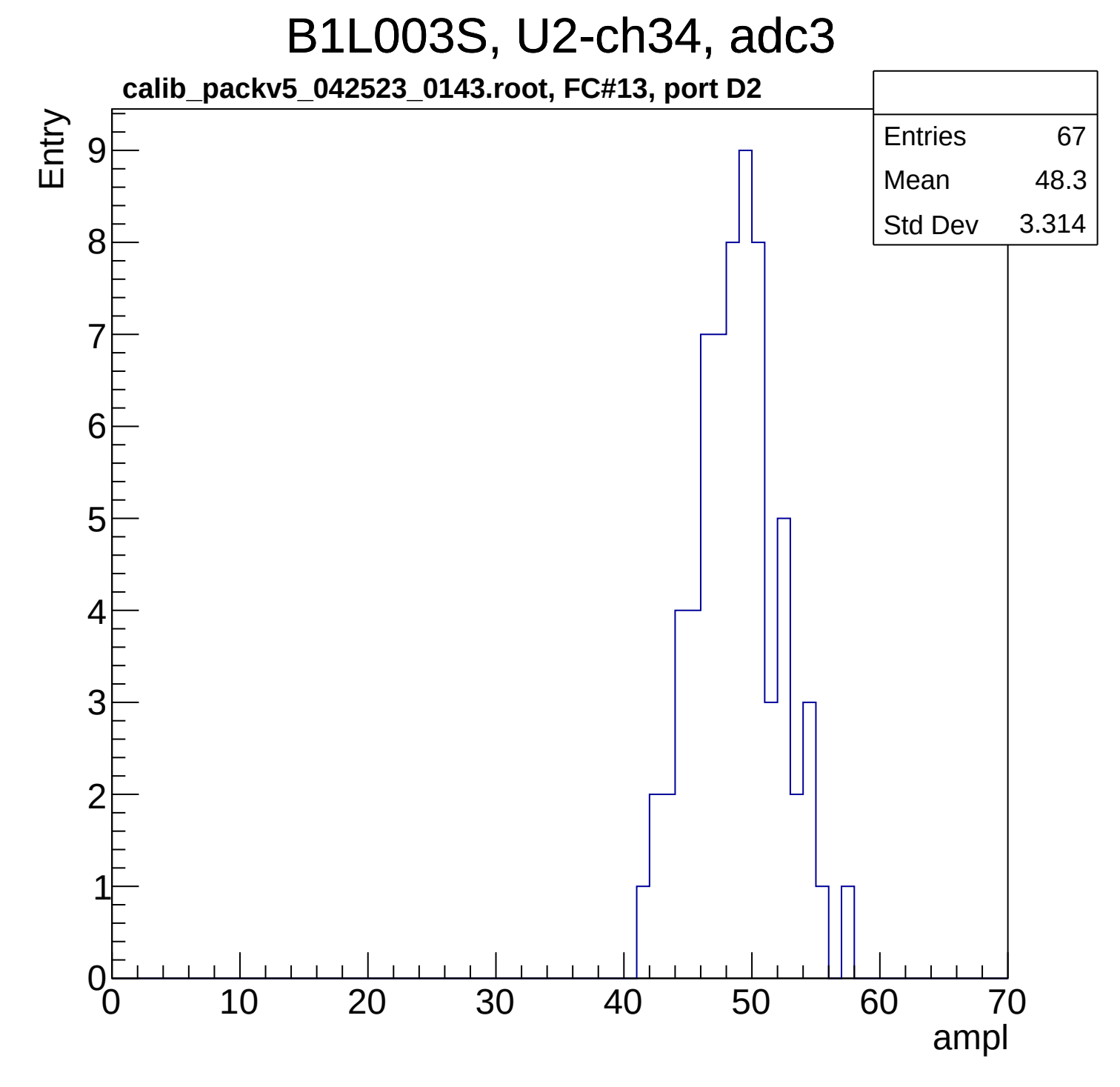
B1L003S, U2-ch34, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 48.3
Std Dev 3.314
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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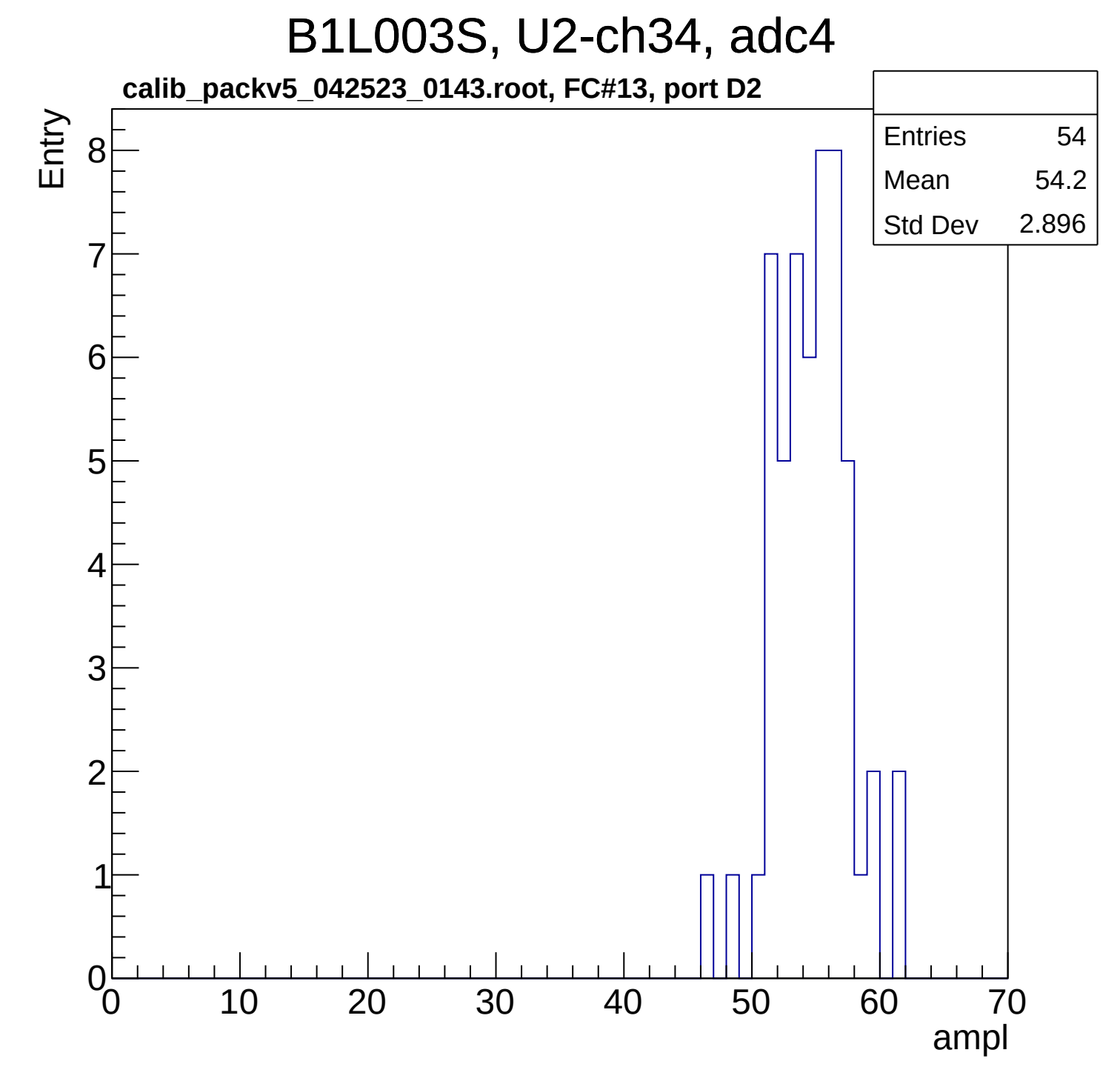
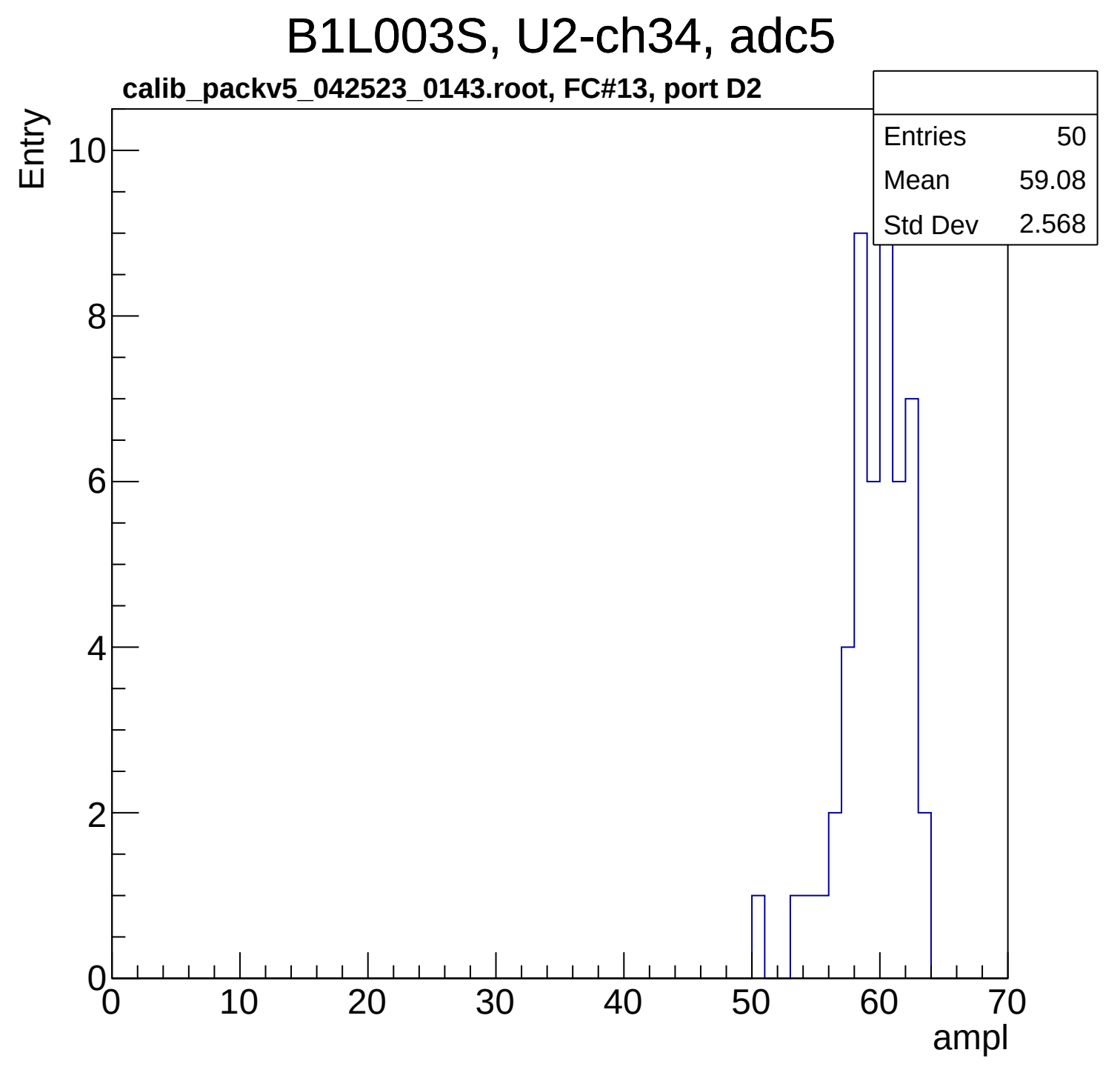

B1L003S, U2-ch34, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 54.2
Std Dev 2.896
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch34, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 59.08
Std Dev 2.568
Entry
ampl
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2
4
6
8
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0
10
20
30
40
50
60
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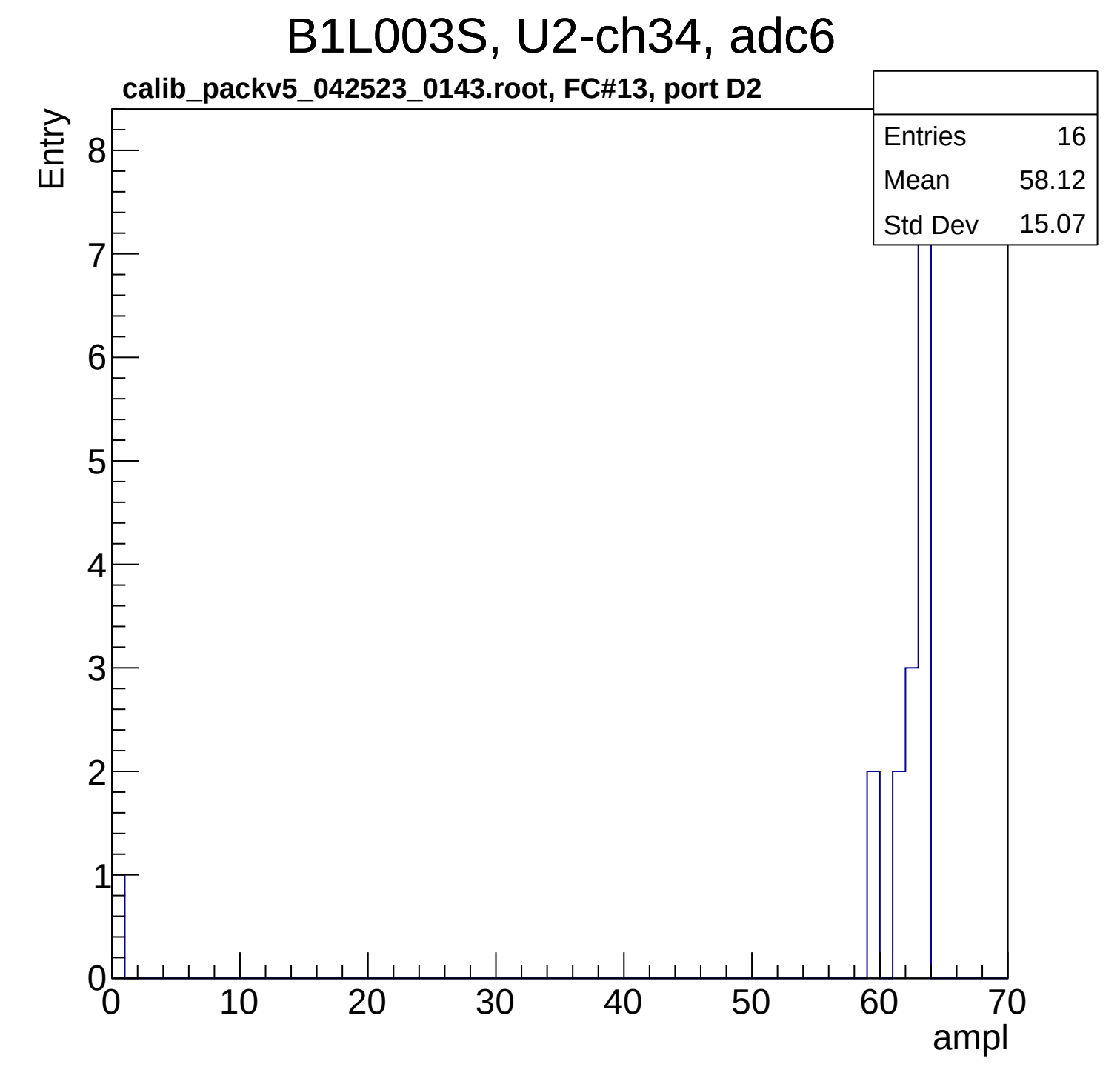
B1L003S, U2-ch34, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 16
Mean 58.12
Std Dev 15.07
Entry
ampl
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5
6
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0
10
20
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40
50
60
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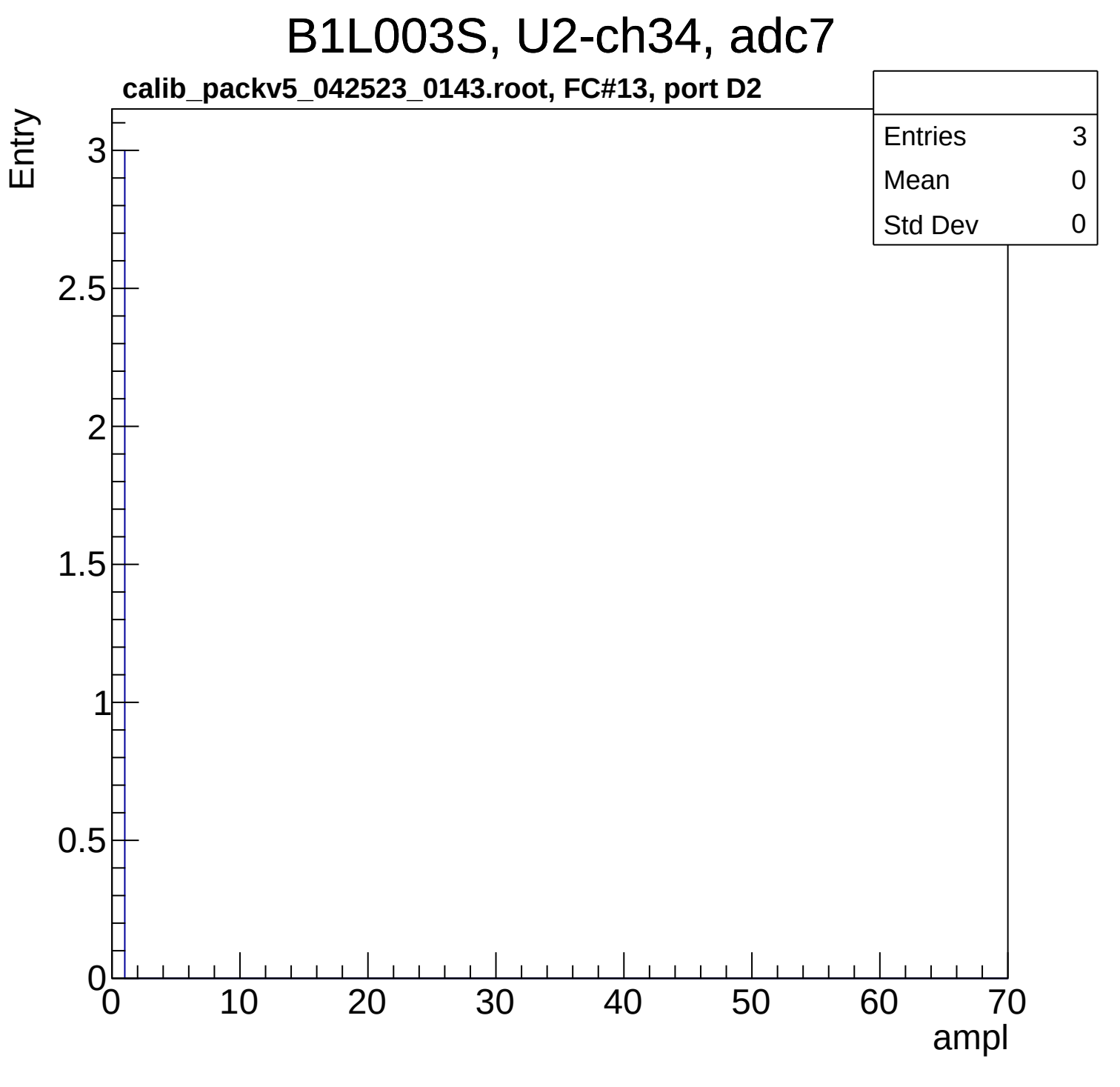
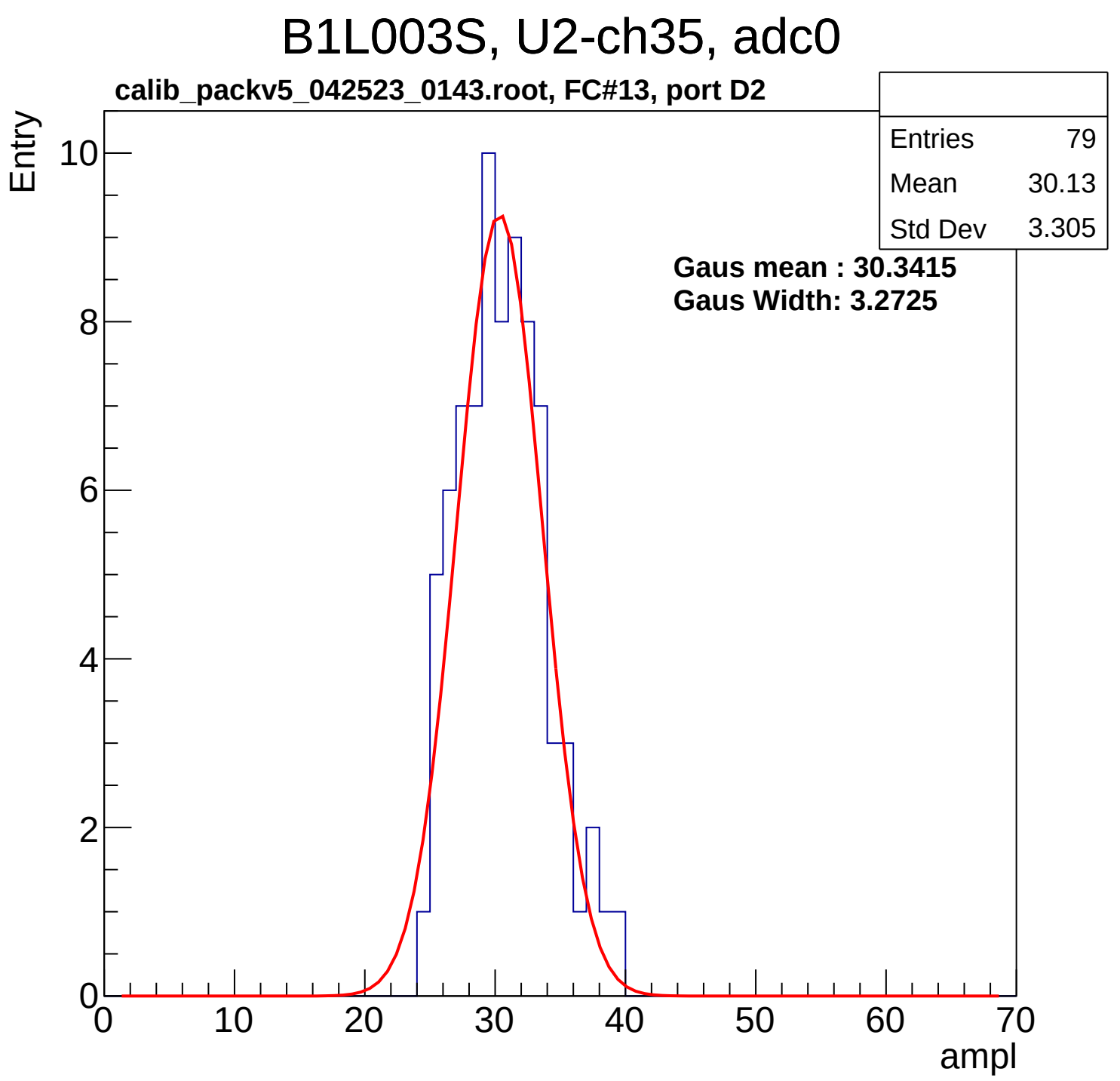
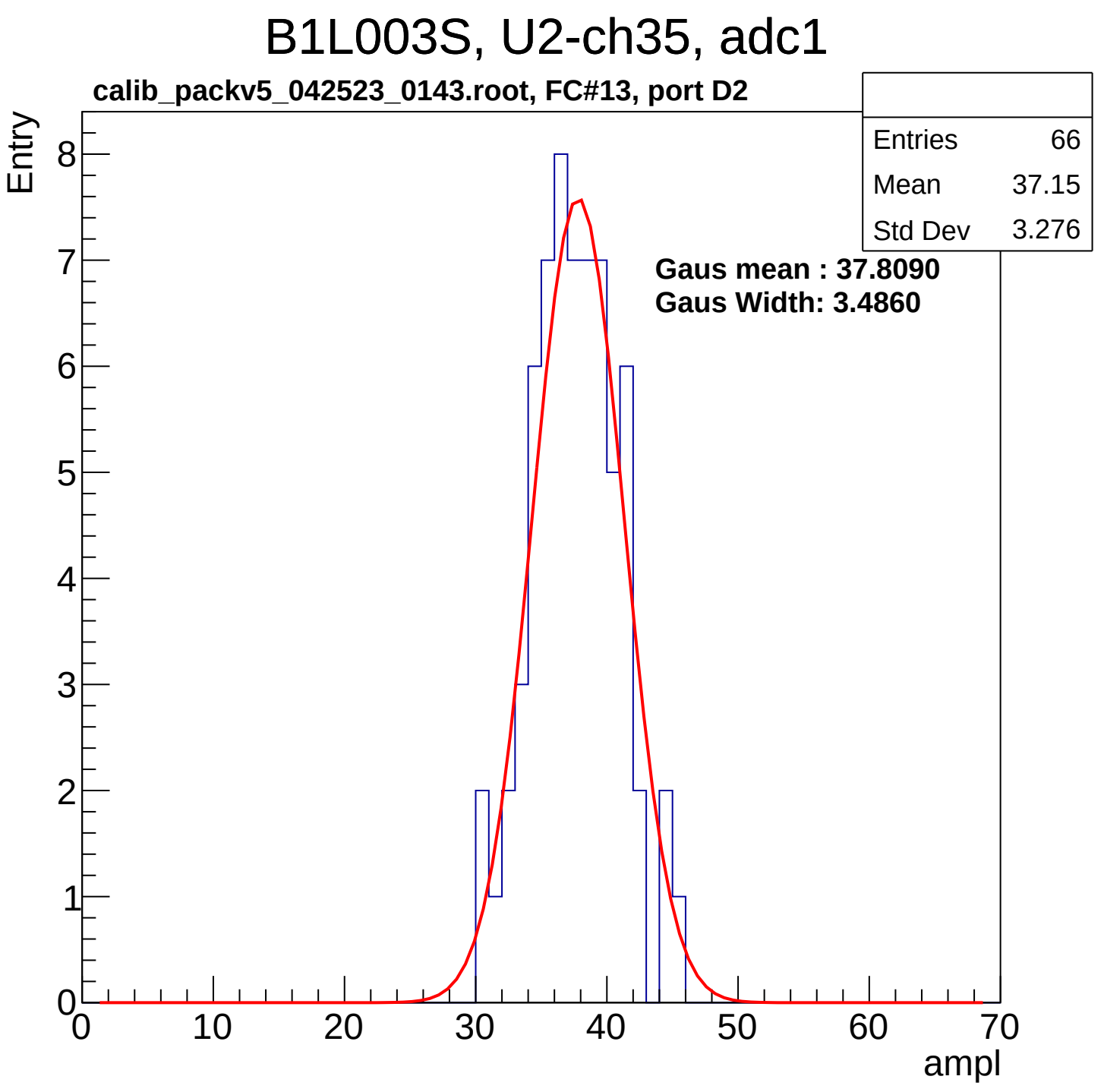

B1L003S, U2-ch34, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch35, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 30.13
Std Dev 3.305
Gaus mean : 30.3415
Gaus Width: 3.2725
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch35, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 37.15
Std Dev 3.276
Gaus mean : 37.8090
Gaus Width: 3.4860
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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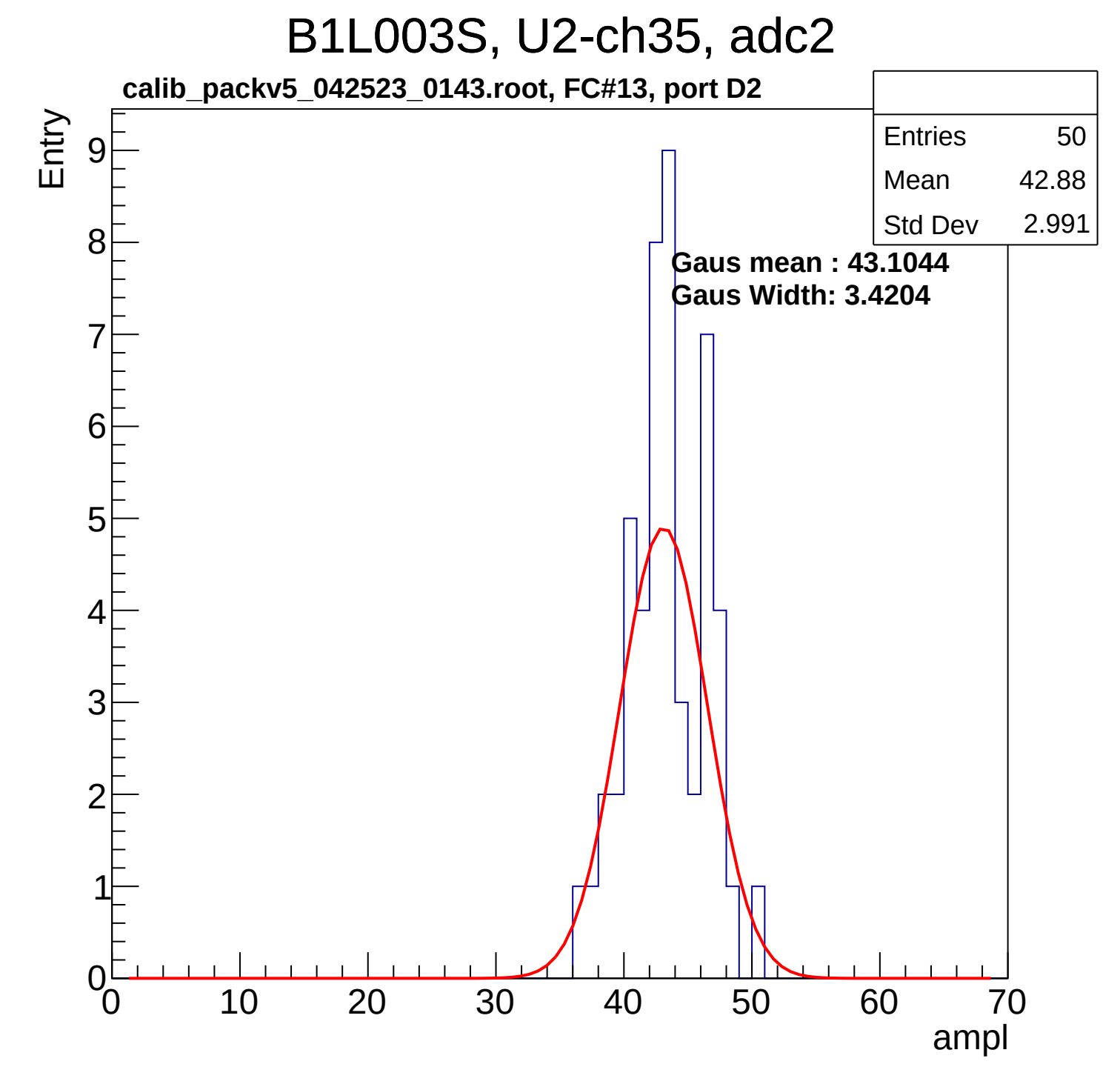
B1L003S, U2-ch35, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 42.88
Std Dev 2.991
Gaus mean : 43.1044
Gaus Width: 3.4204
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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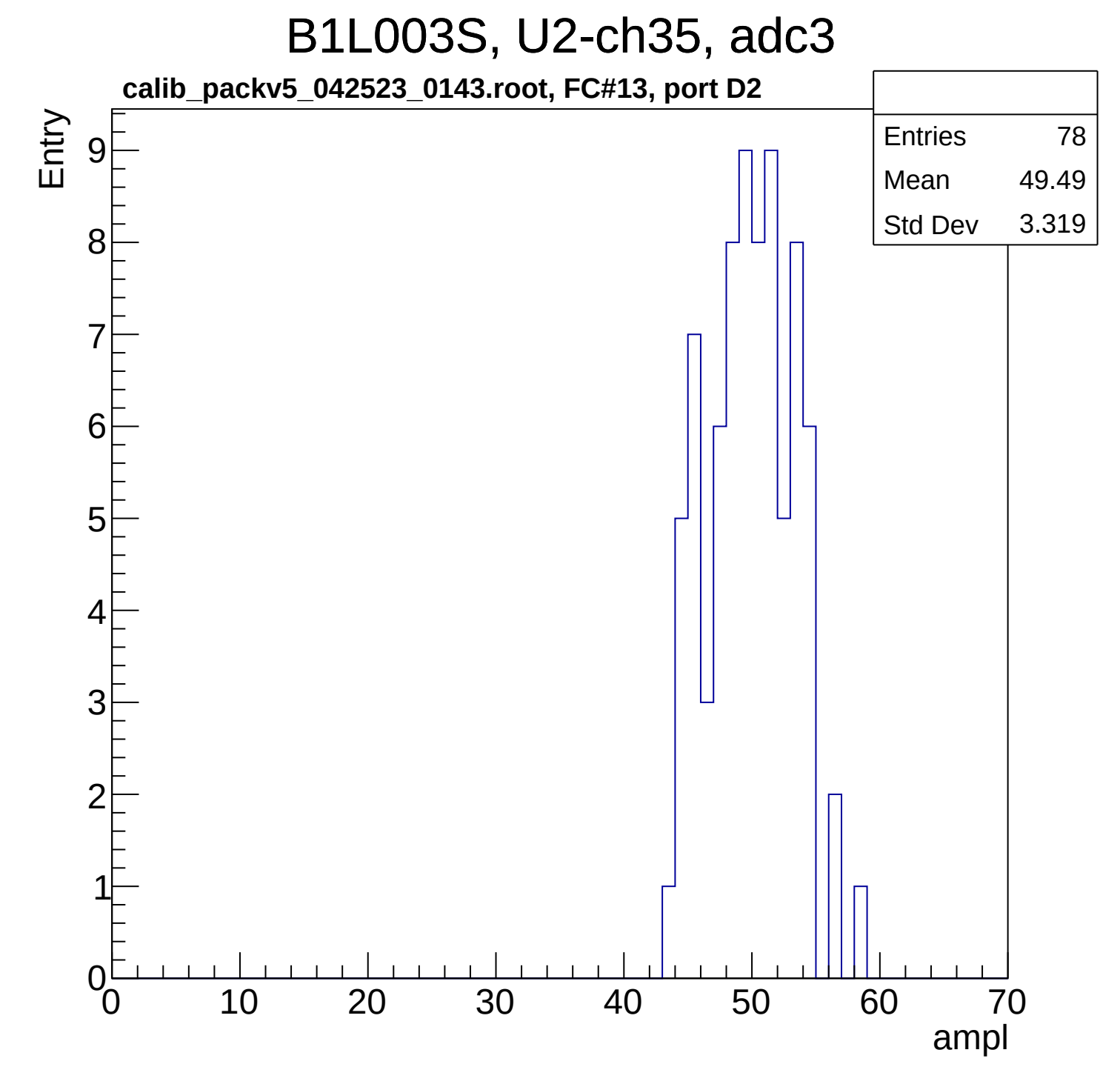
B1L003S, U2-ch35, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 49.49
Std Dev 3.319
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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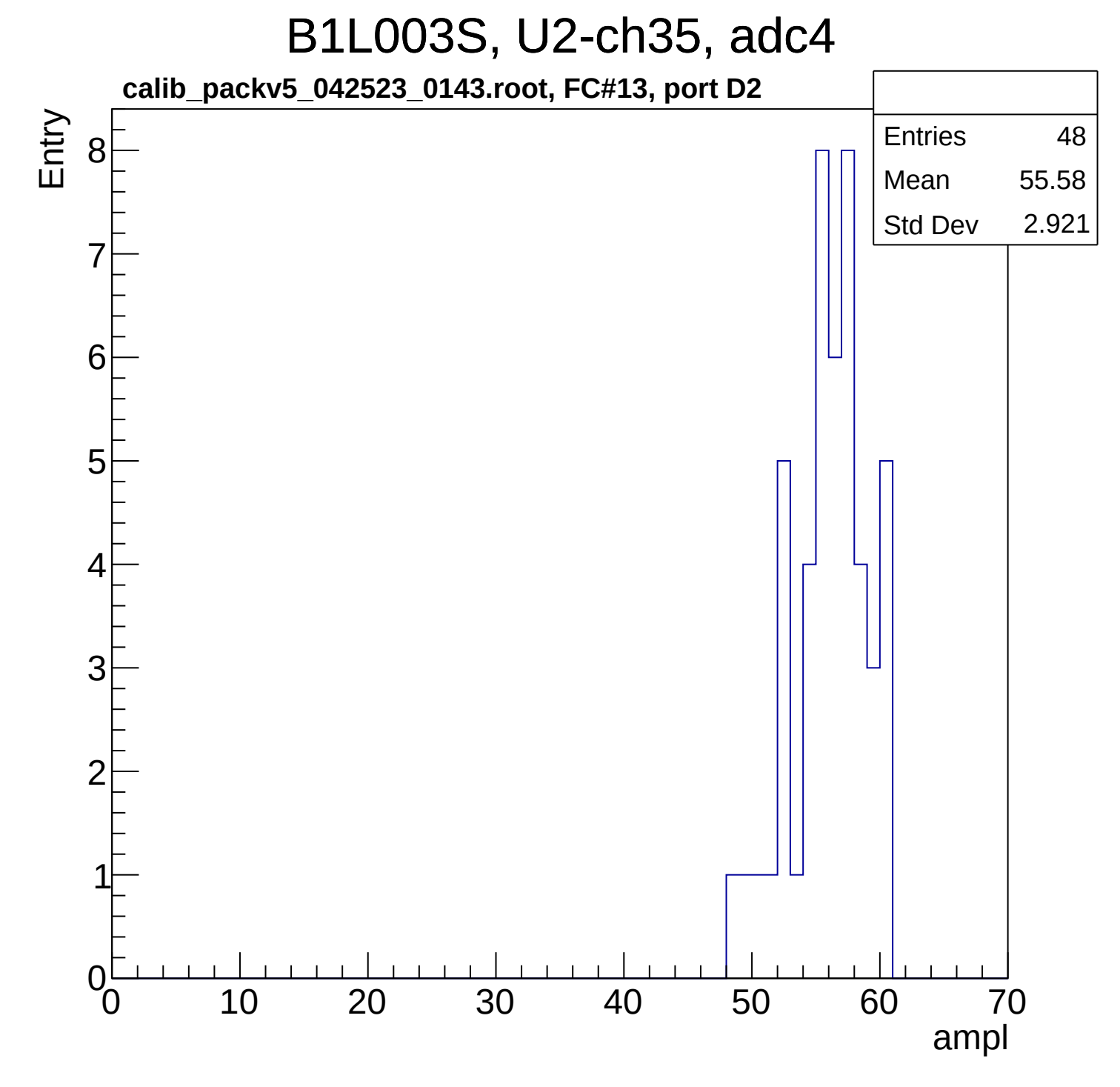
B1L003S, U2-ch35, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 55.58
Std Dev 2.921
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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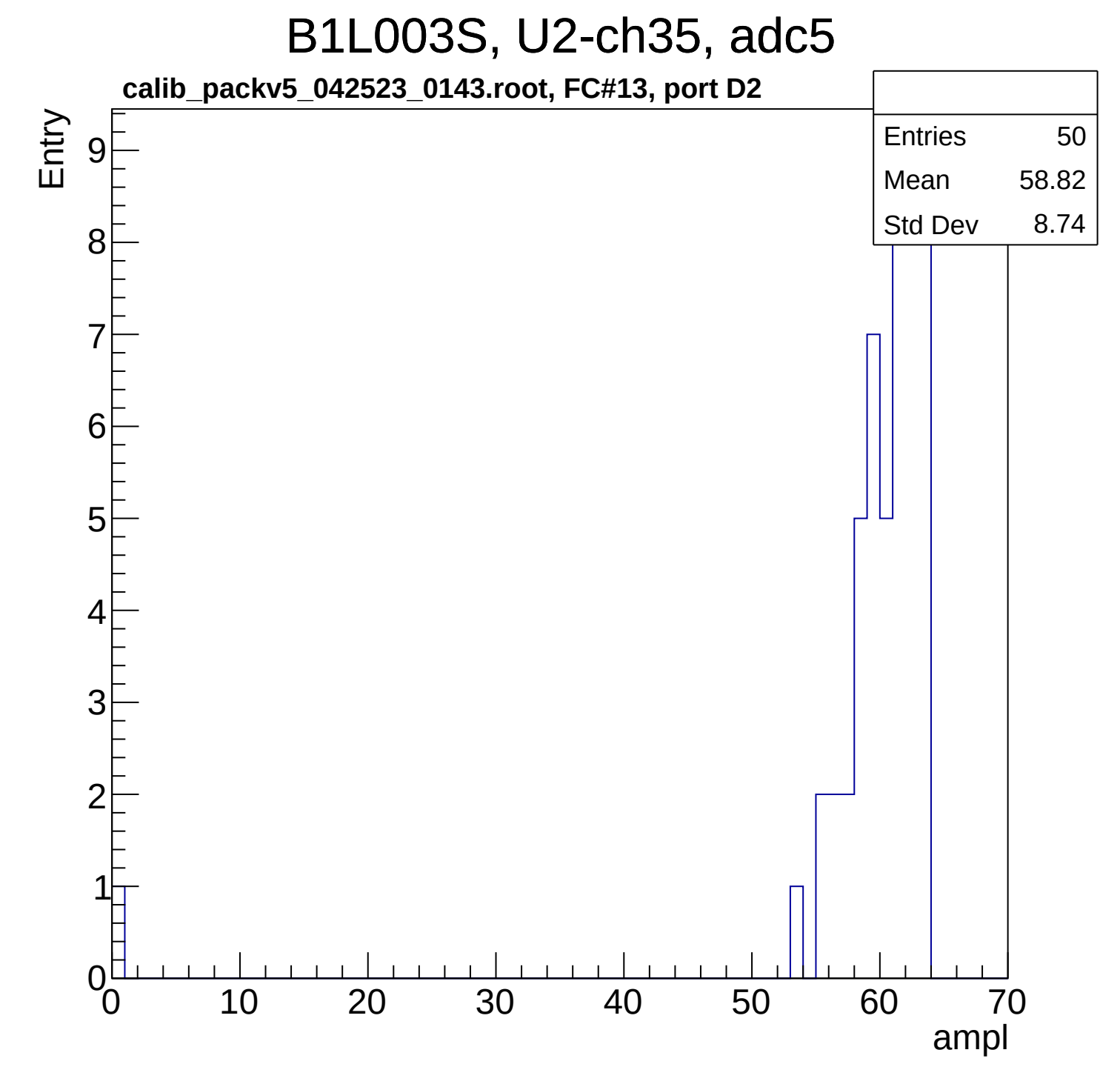
B1L003S, U2-ch35, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 58.82
Std Dev 8.74
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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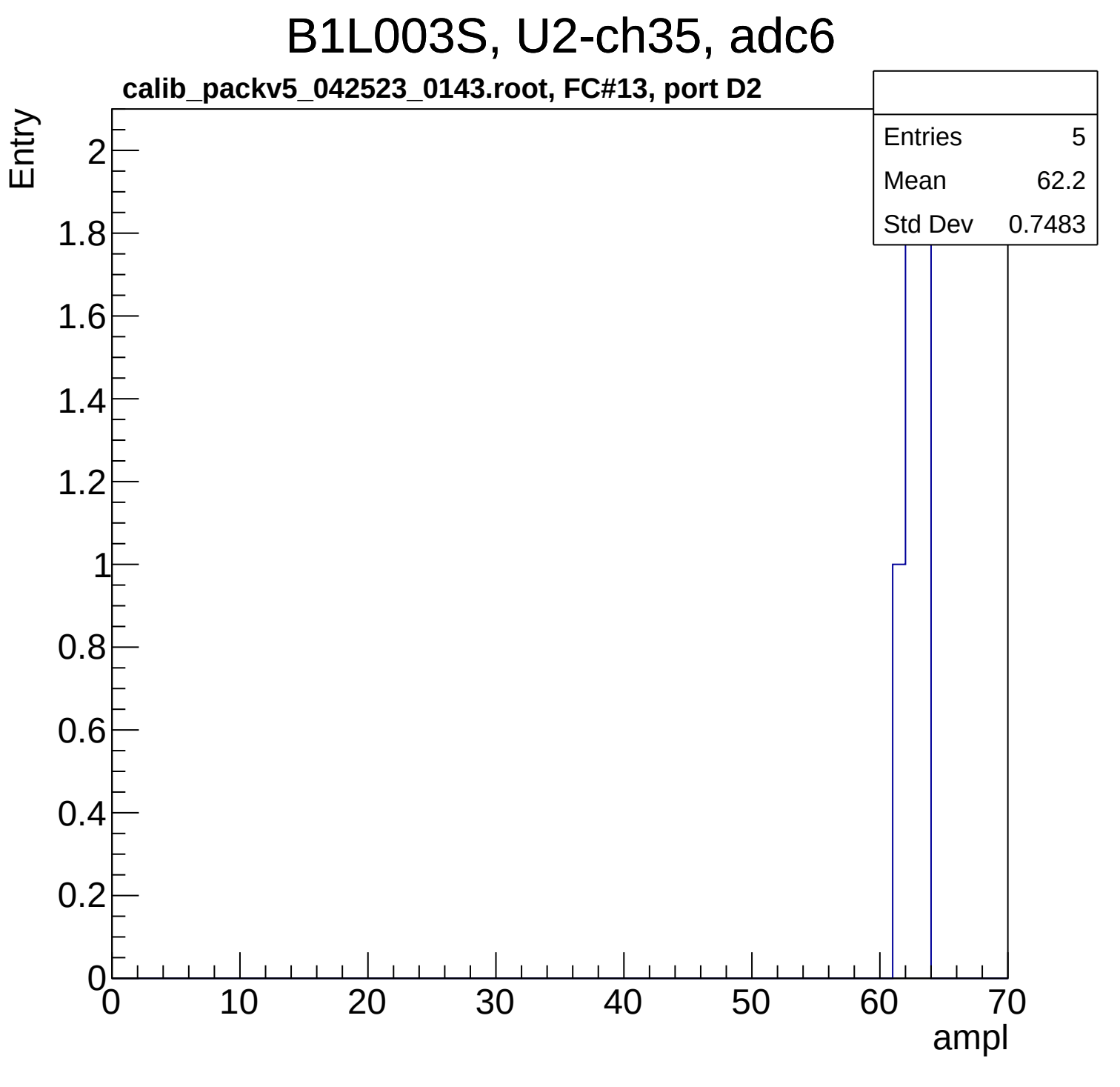
B1L003S, U2-ch35, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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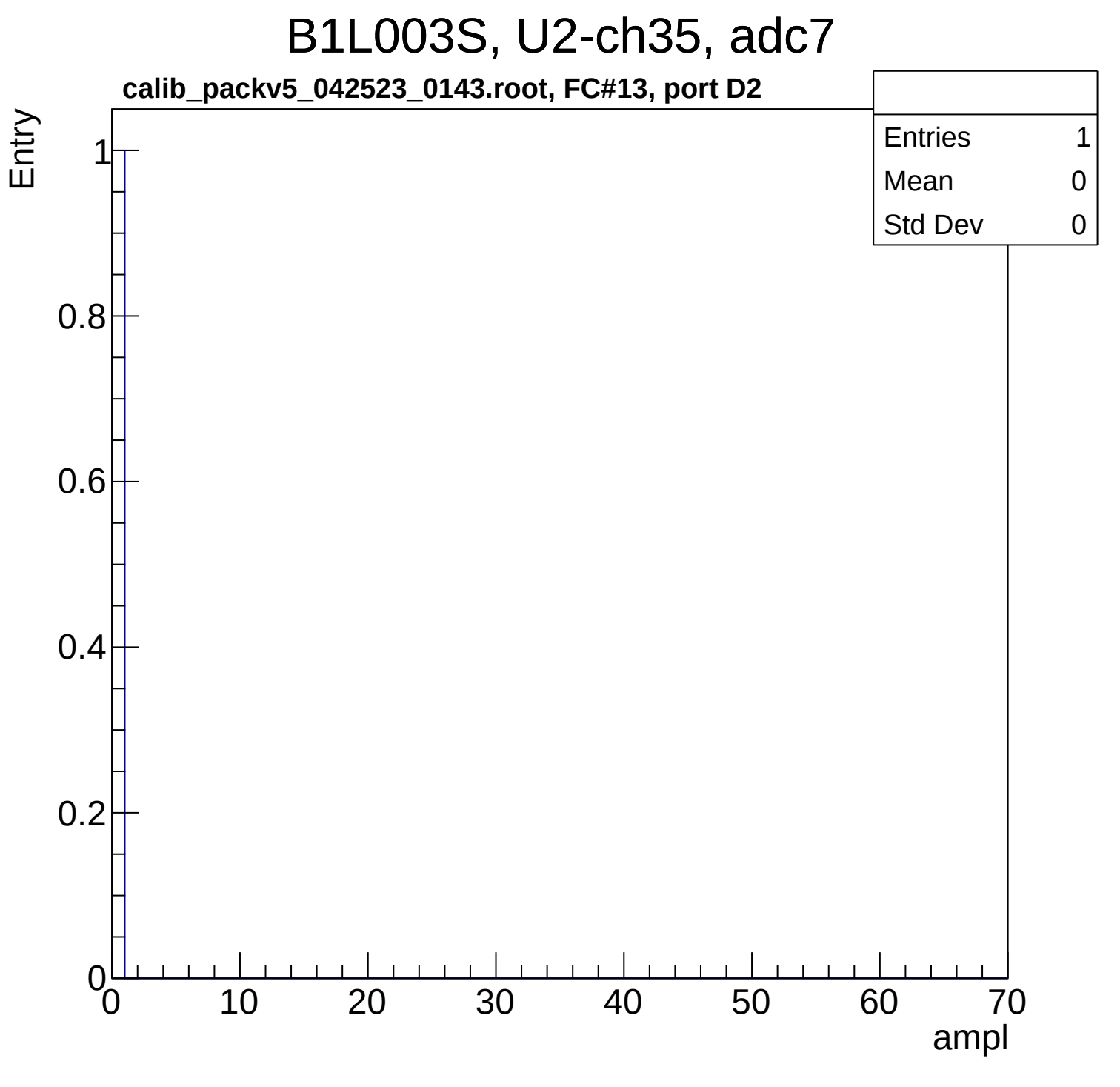
B1L003S, U2-ch35, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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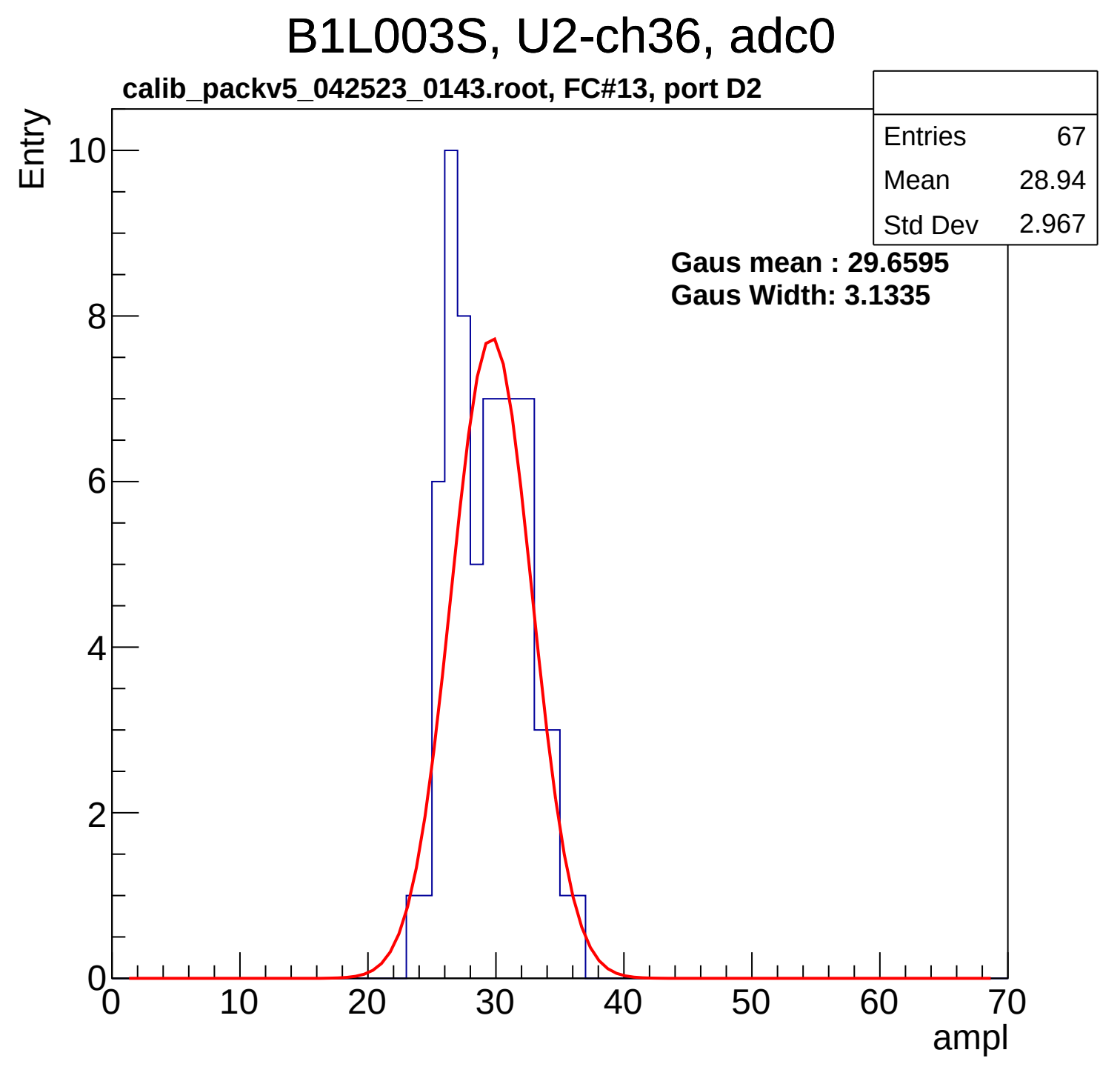
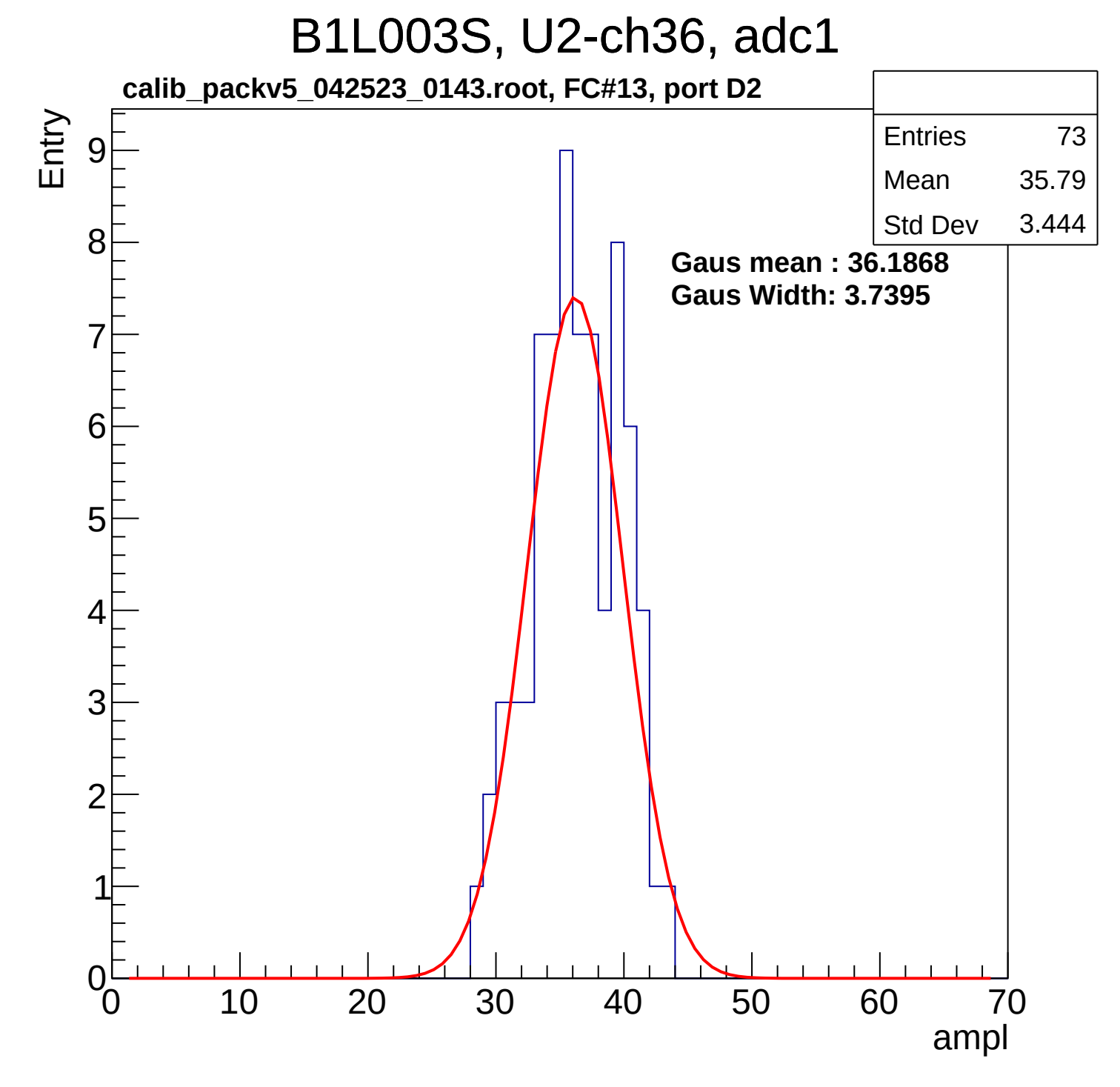
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch36, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 28.94
Std Dev 2.967
Gaus mean : 29.6595
Gaus Width: 3.1335
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch36, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 35.79
Std Dev 3.444
Gaus mean : 36.1868
Gaus Width: 3.7395
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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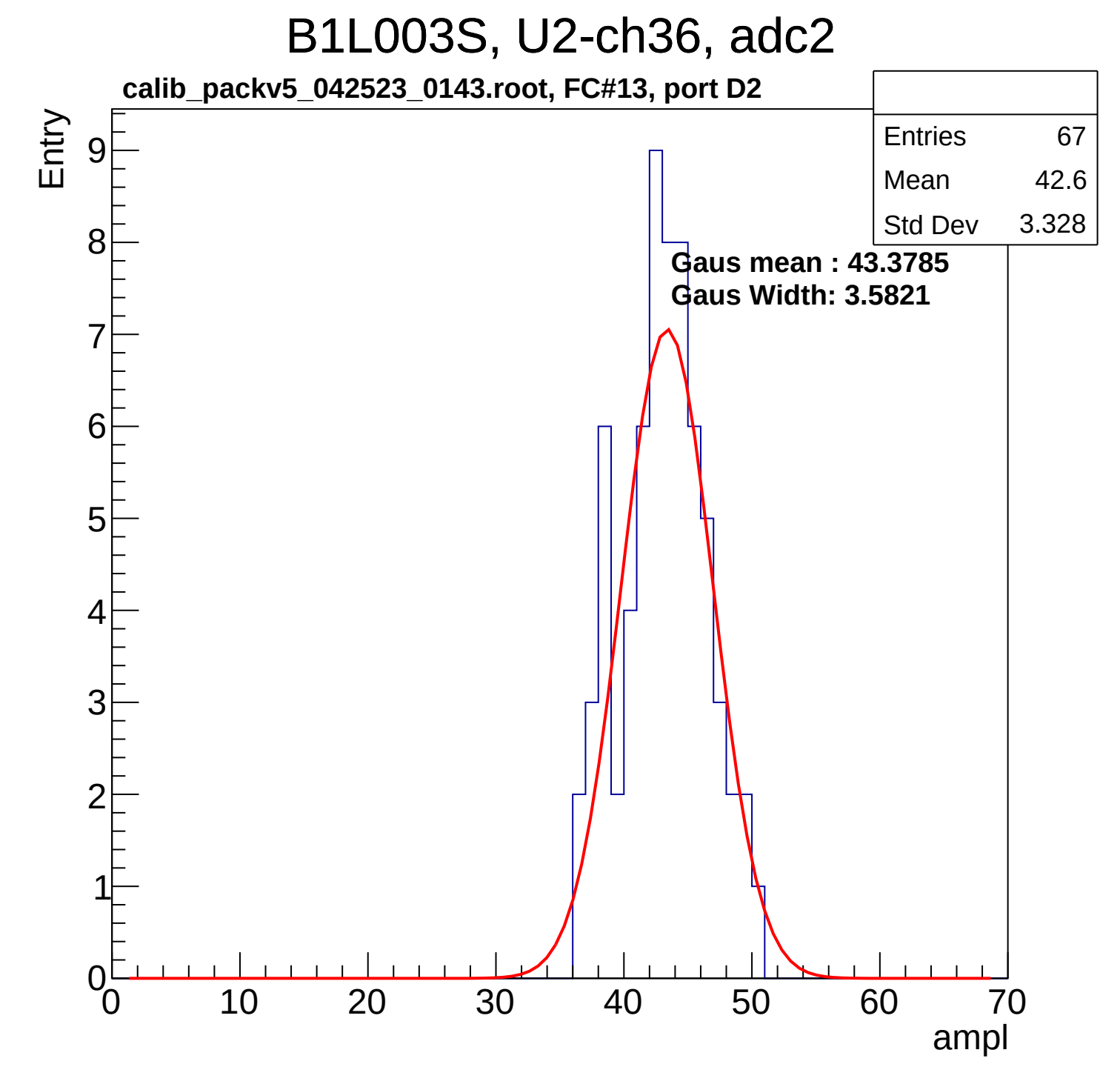
B1L003S, U2-ch36, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 42.6
Std Dev 3.328
Gaus mean : 43.3785
Gaus Width: 3.5821
Entry
ampl
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2
3
4
5
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7
8
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0
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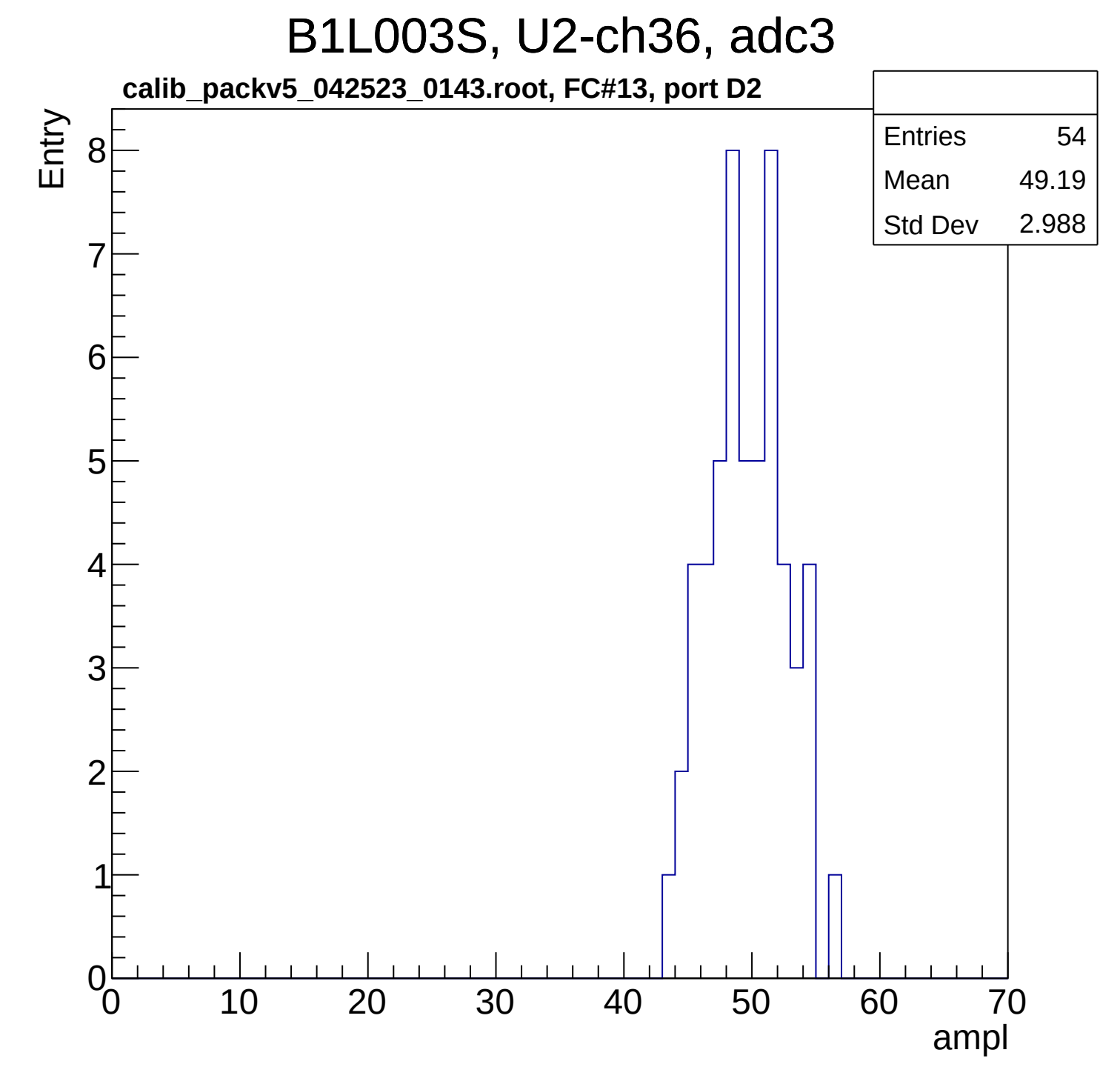
B1L003S, U2-ch36, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 49.19
Std Dev 2.988
Entry
ampl
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5
6
7
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0
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60
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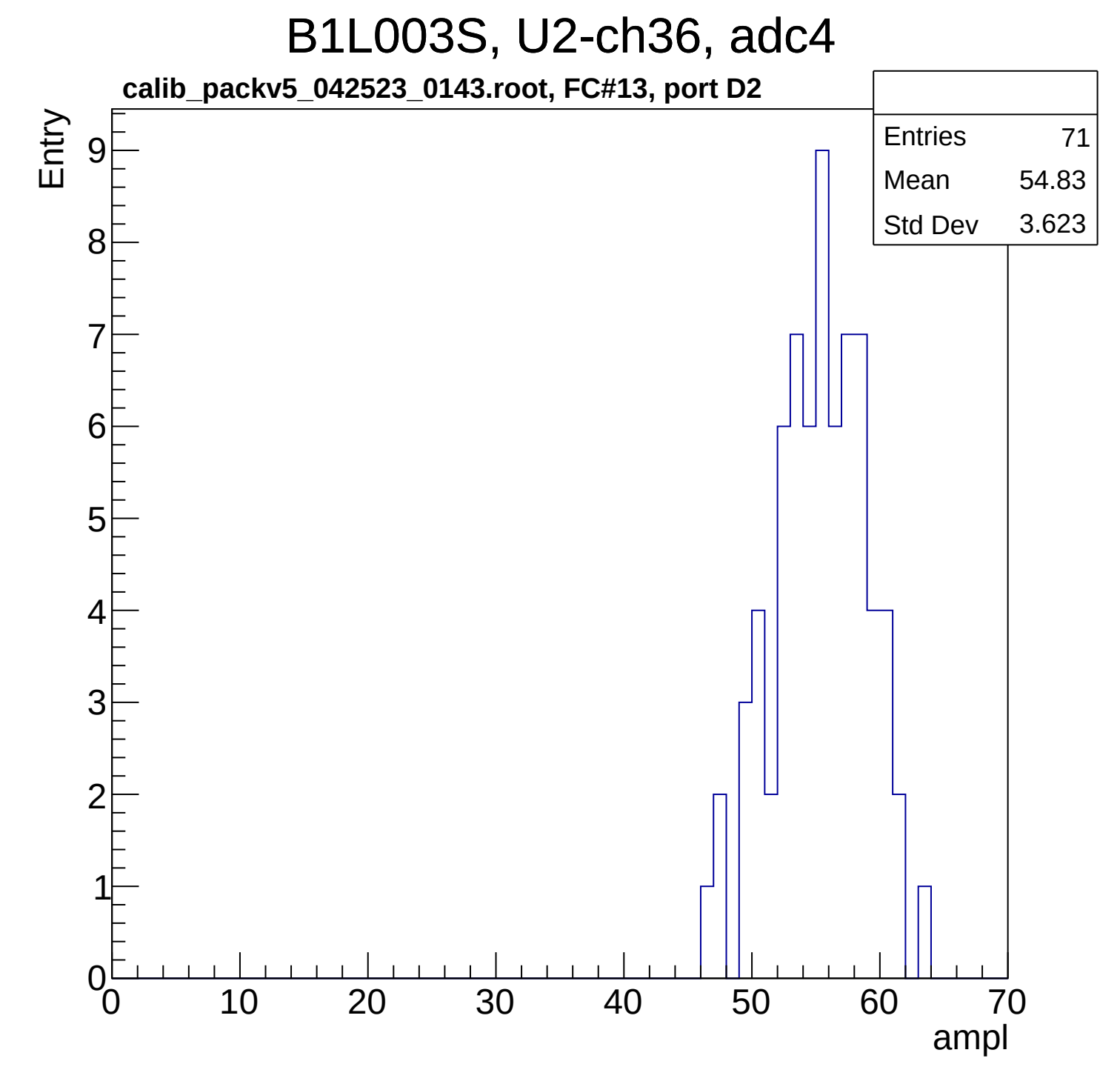
B1L003S, U2-ch36, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 54.83
Std Dev 3.623
Entry
ampl
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0
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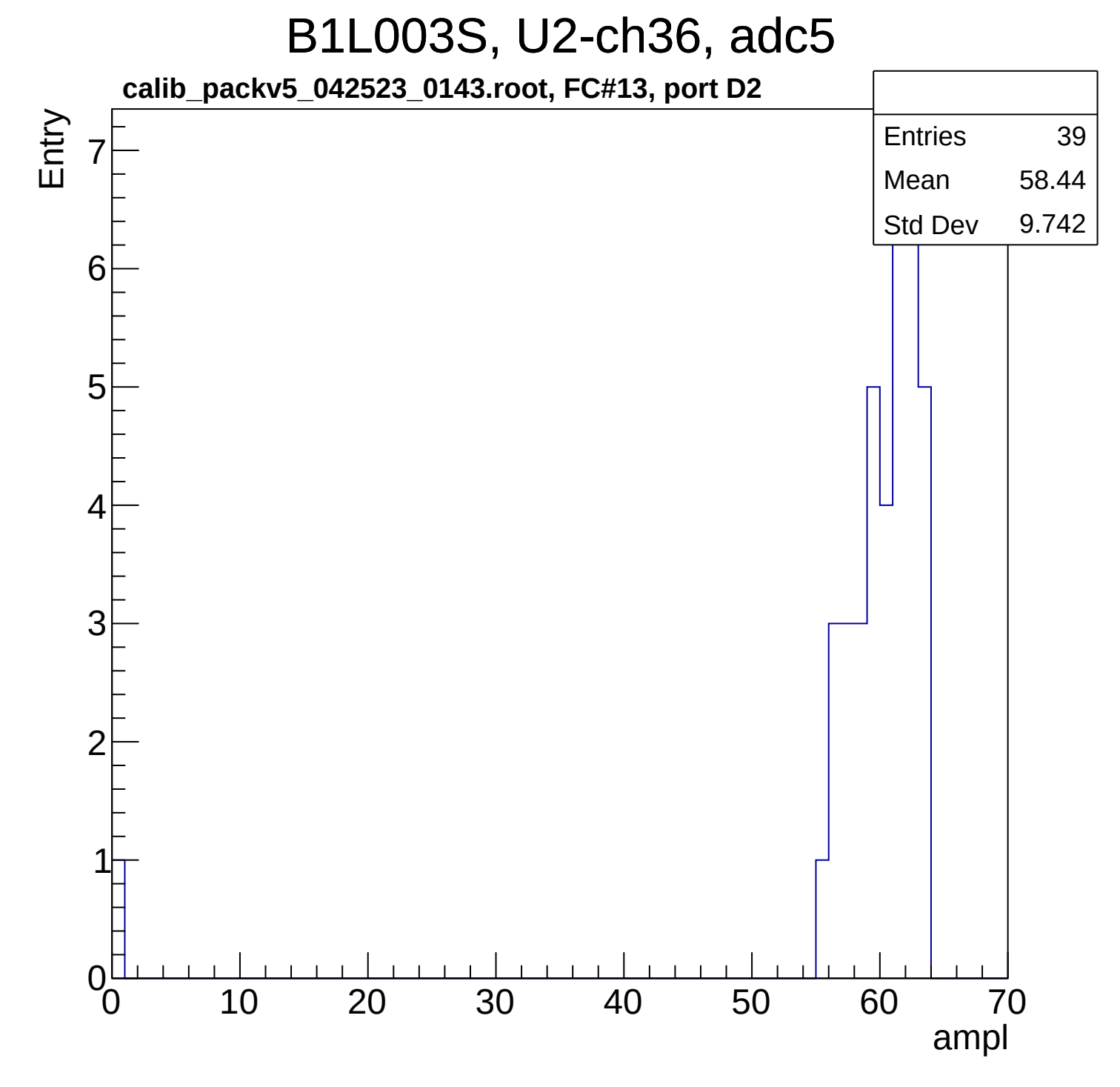
B1L003S, U2-ch36, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 58.44
Std Dev 9.742
Entry
ampl
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0
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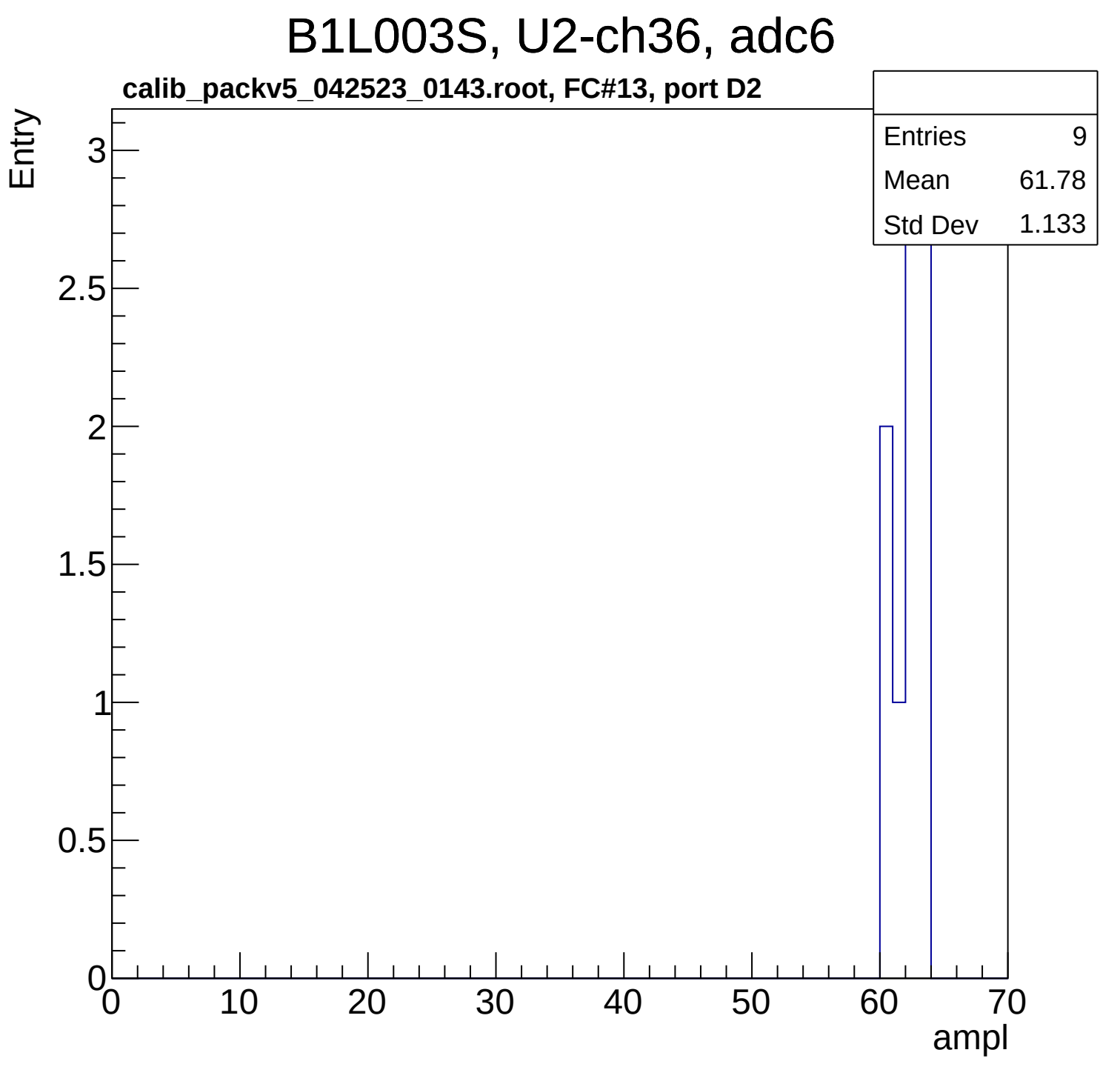
B1L003S, U2-ch36, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.78
Std Dev 1.133
Entry
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1
1.5
2
2.5
3
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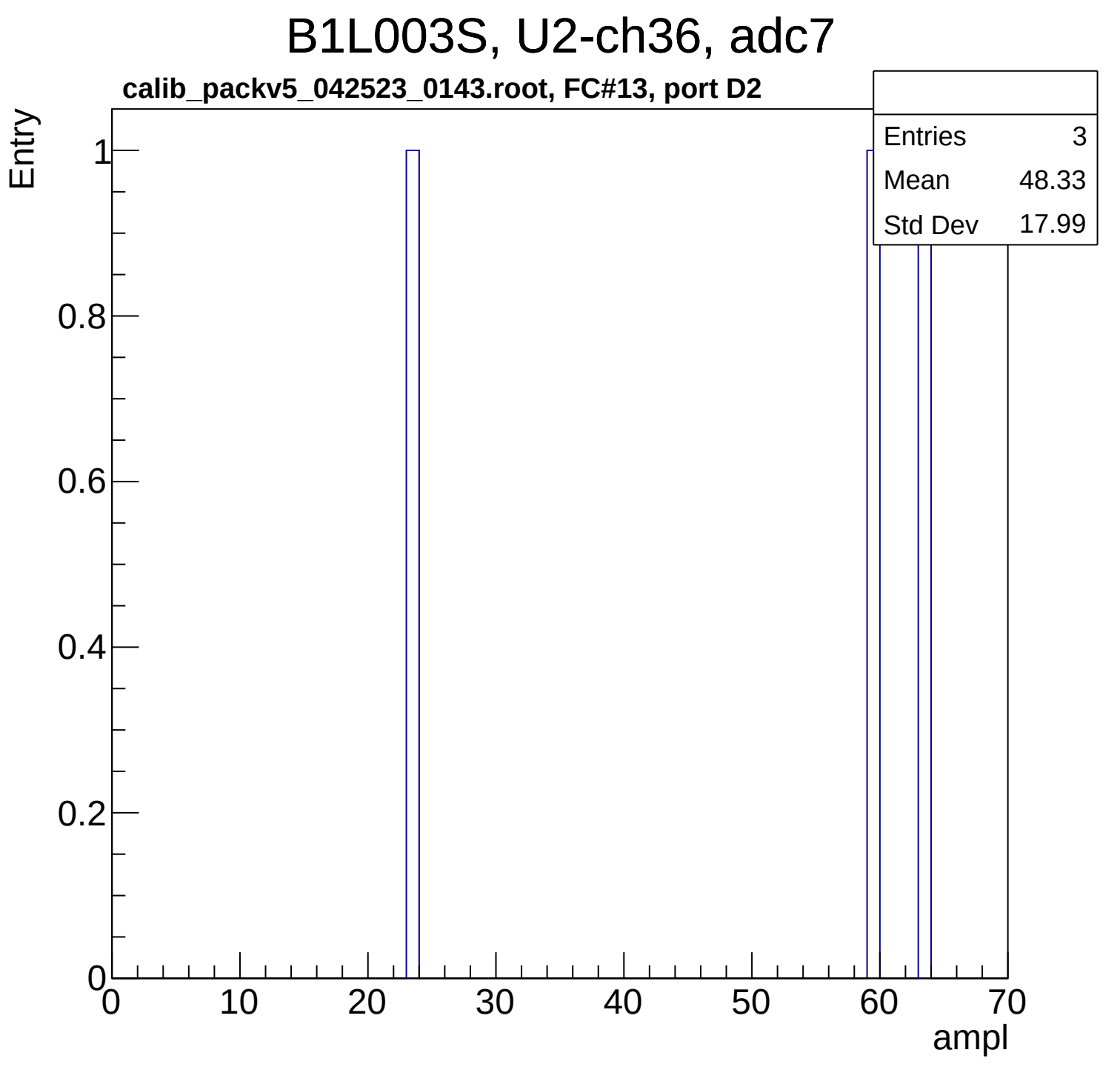
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch36, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 48.33
Std Dev 17.99
Entry
ampl
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0.4
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0
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60
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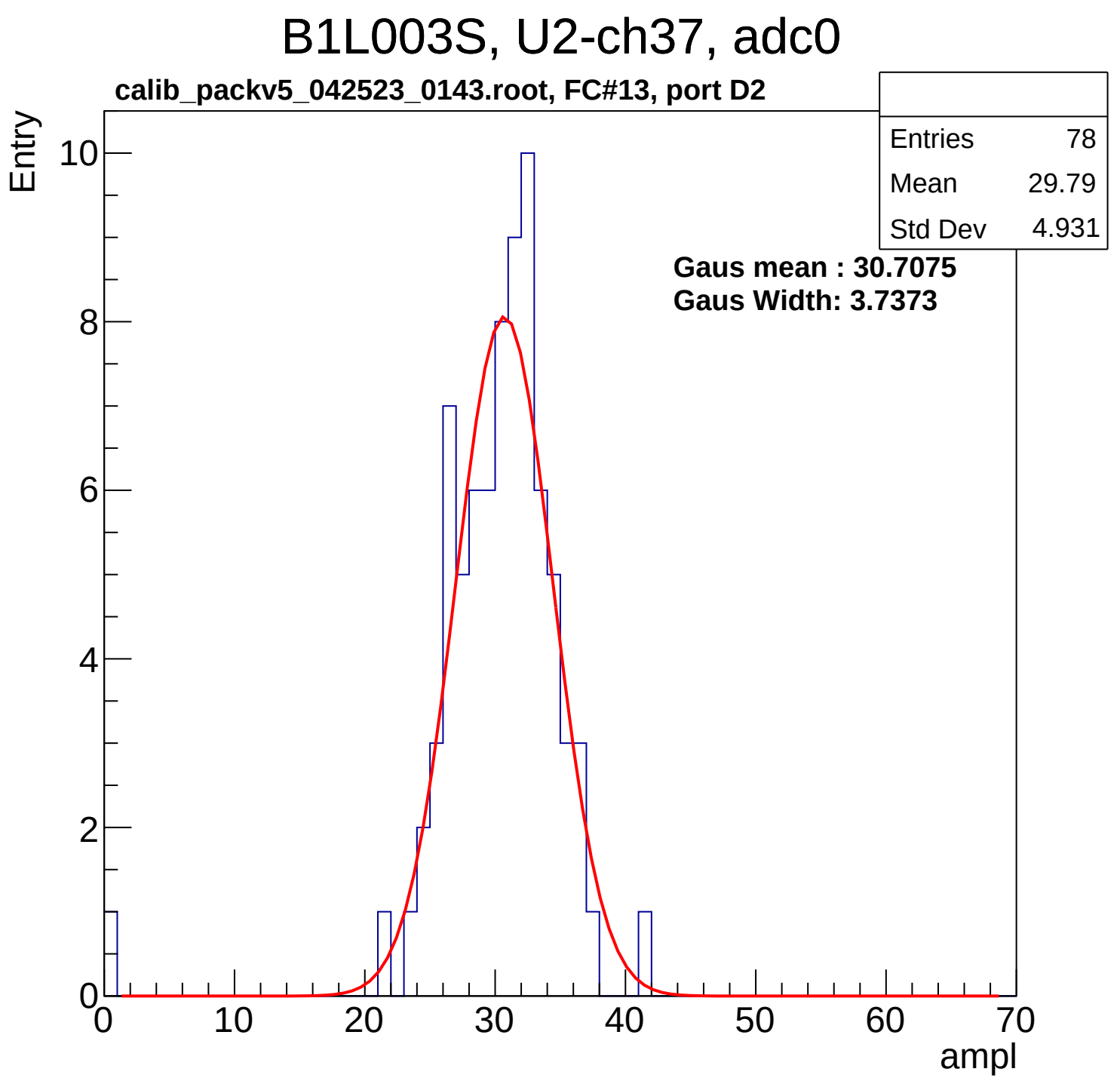
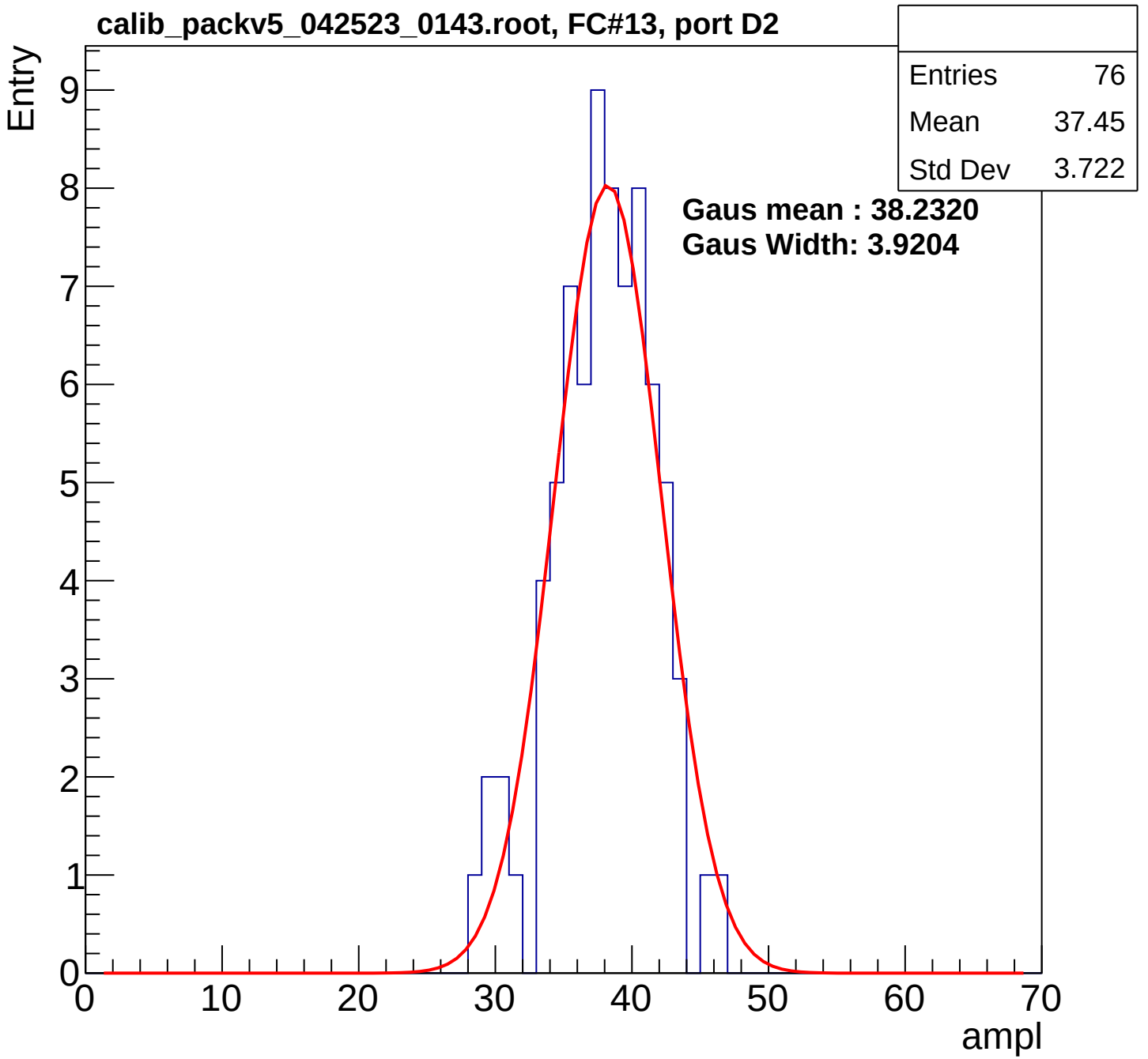

B1L003S, U2-ch37, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 29.79
Std Dev 4.931
Gaus mean : 30.7075
Gaus Width: 3.7373
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch37, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 37.45
Std Dev 3.722
Gaus mean : 38.2320
Gaus Width: 3.9204
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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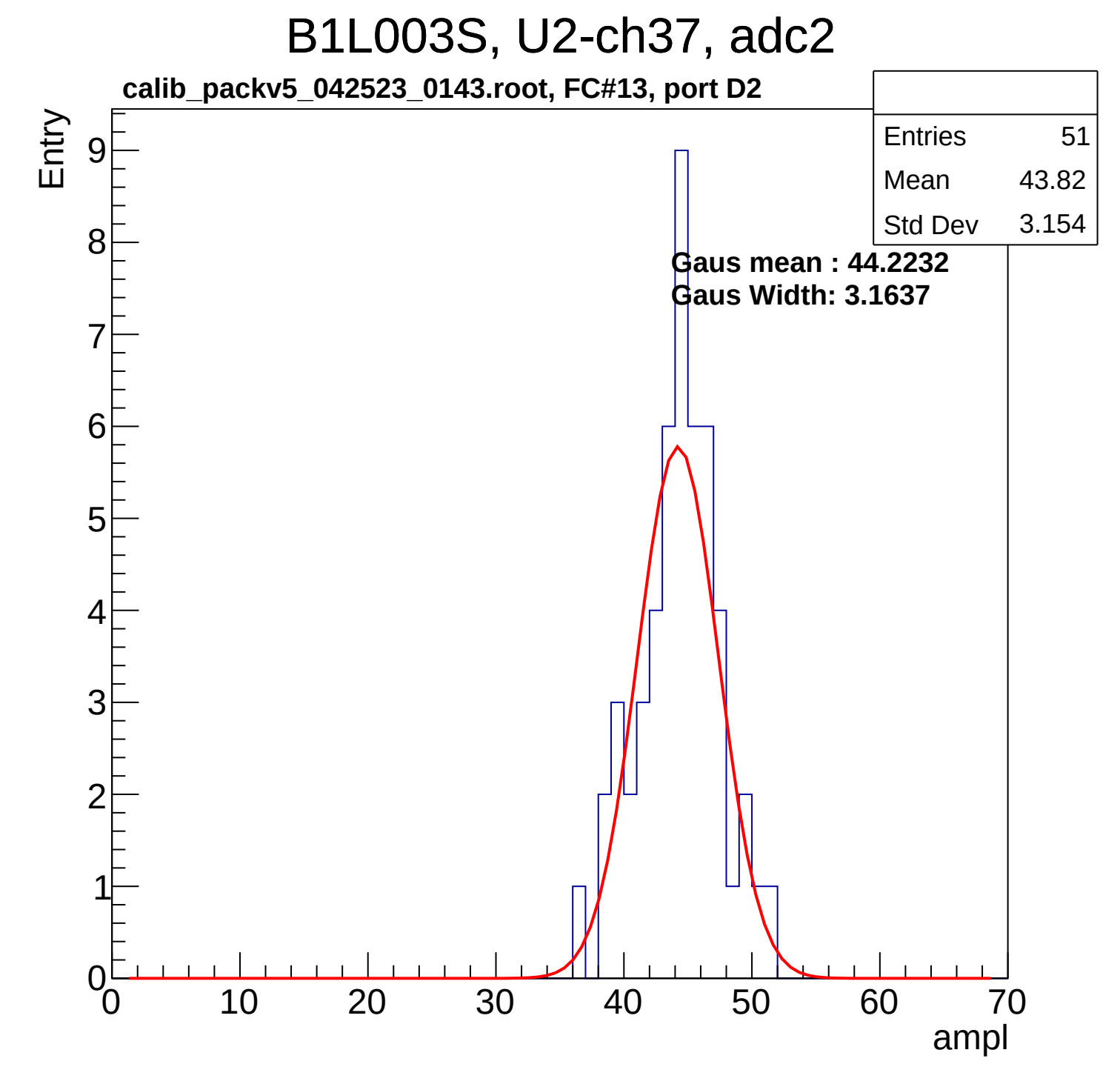
B1L003S, U2-ch37, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 43.82
Std Dev 3.154
Gaus mean : 44.2232
Gaus Width: 3.1637
Entry
ampl
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2
3
4
5
6
7
8
9
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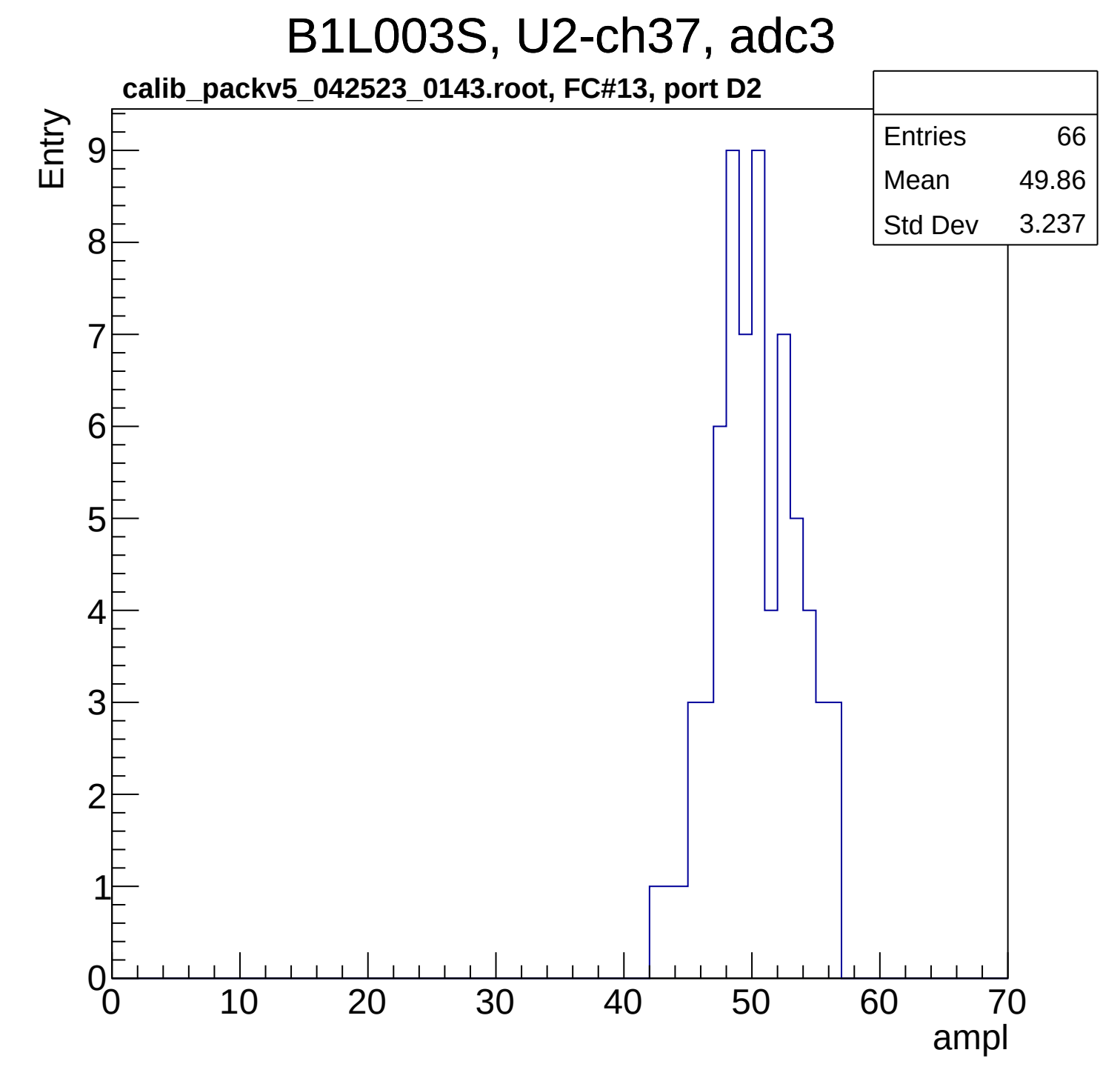
B1L003S, U2-ch37, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 49.86
Std Dev 3.237
Entry
ampl
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3
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5
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7
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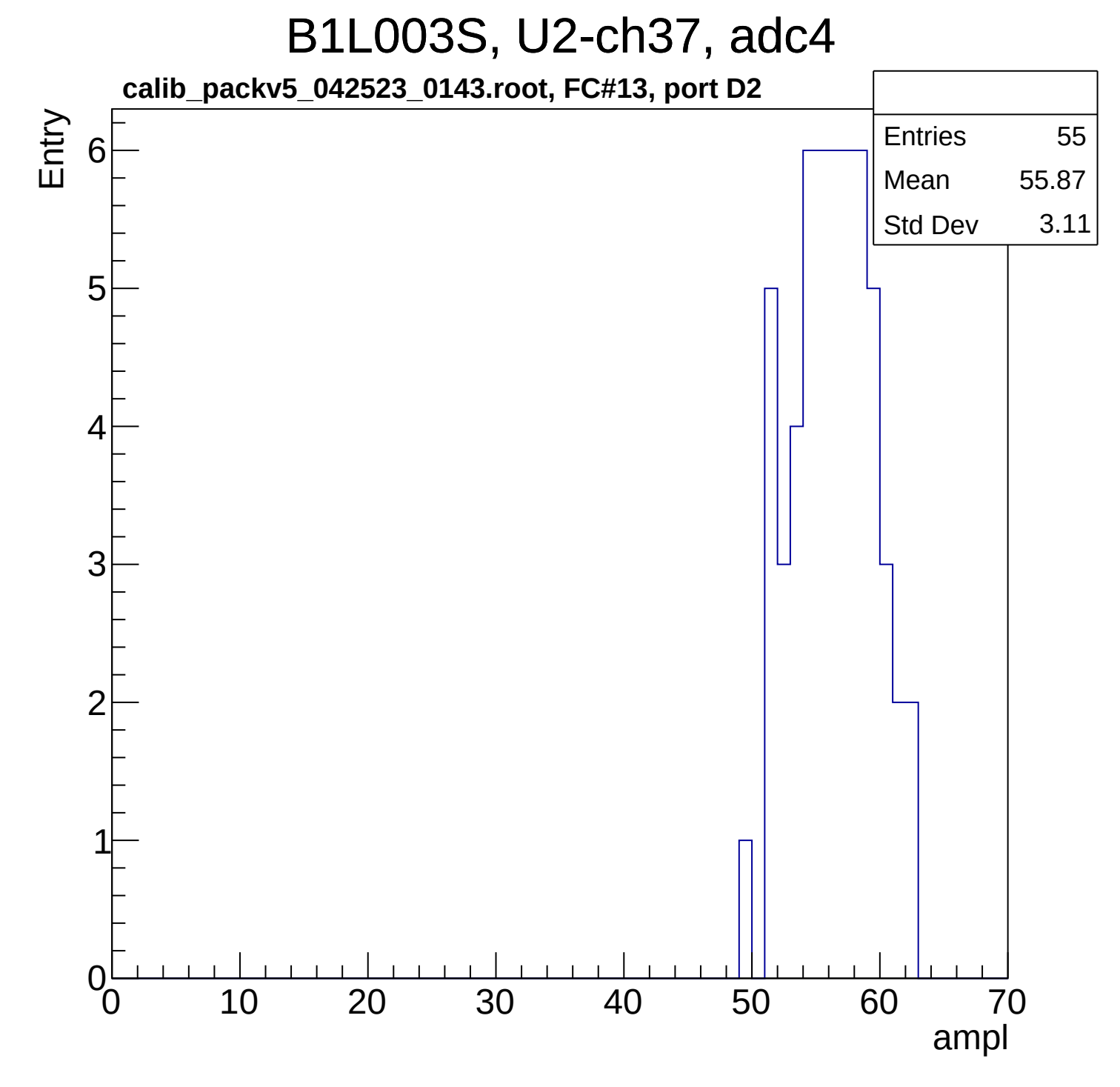
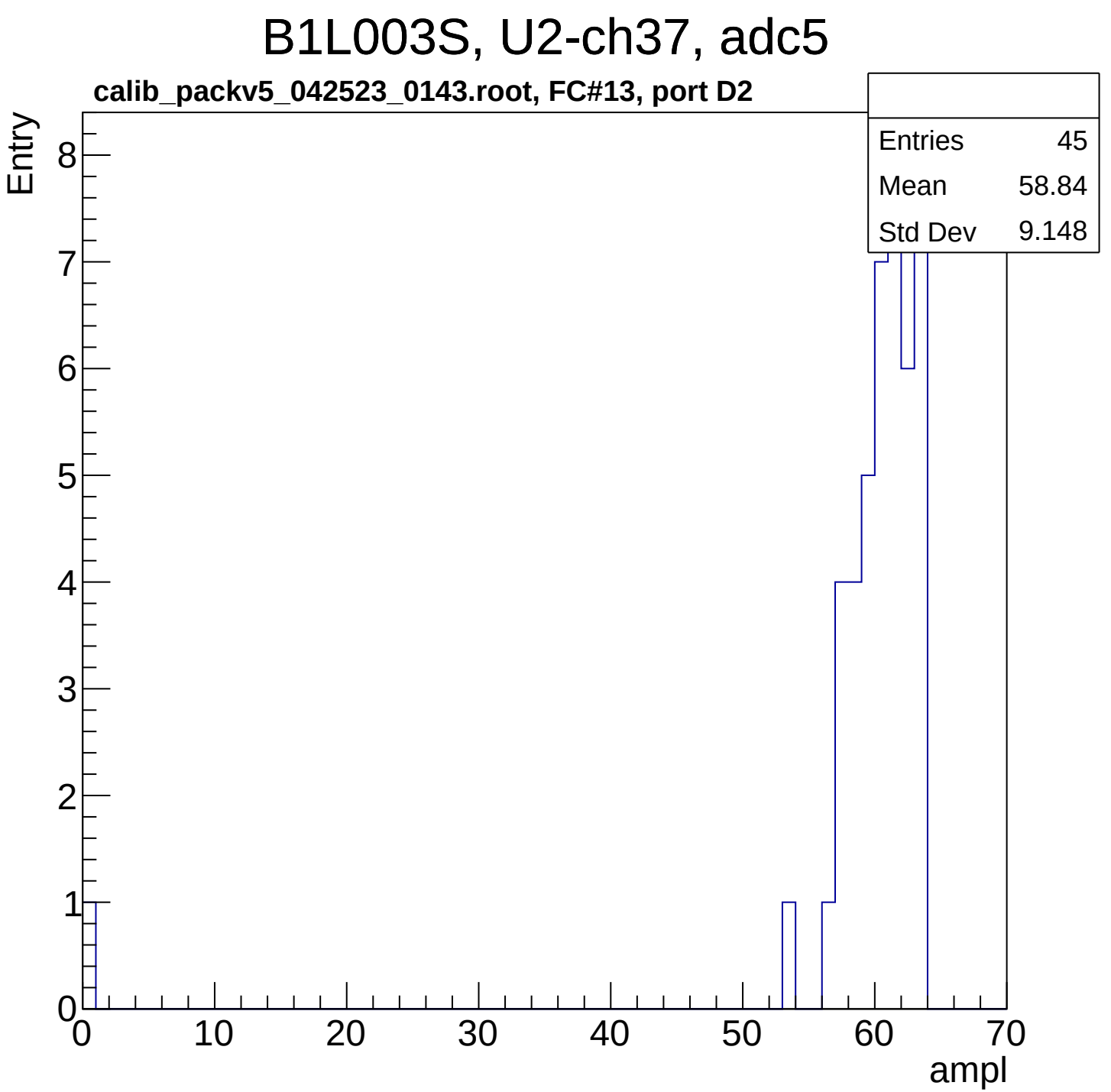

B1L003S, U2-ch37, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 55.87
Std Dev 3.11
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L003S, U2-ch37, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.84
Std Dev 9.148
Entry
ampl
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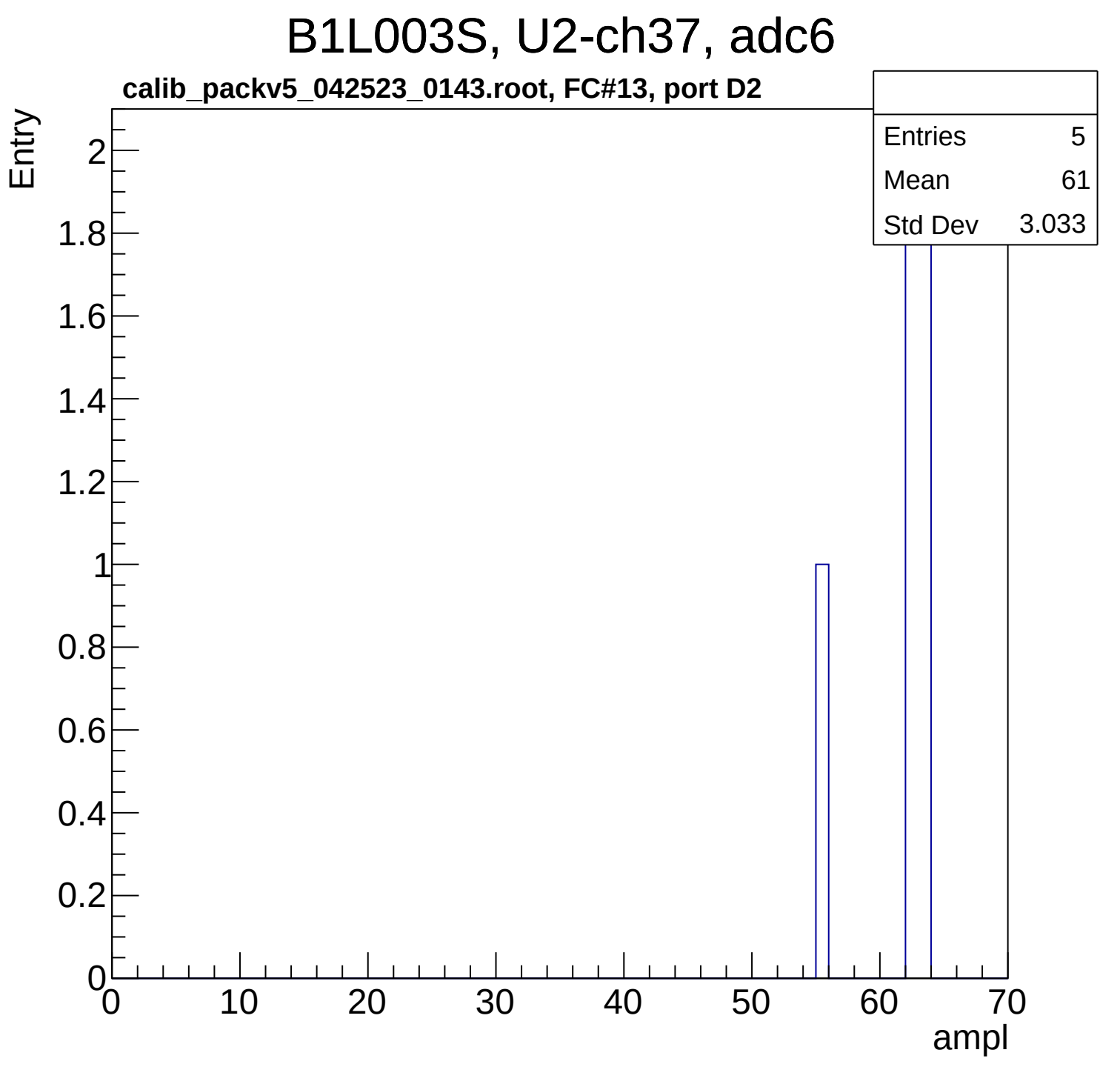
B1L003S, U2-ch37, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61
Std Dev 3.033
Entry
ampl
0
0.2
0.4
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1.4
1.6
1.8
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0
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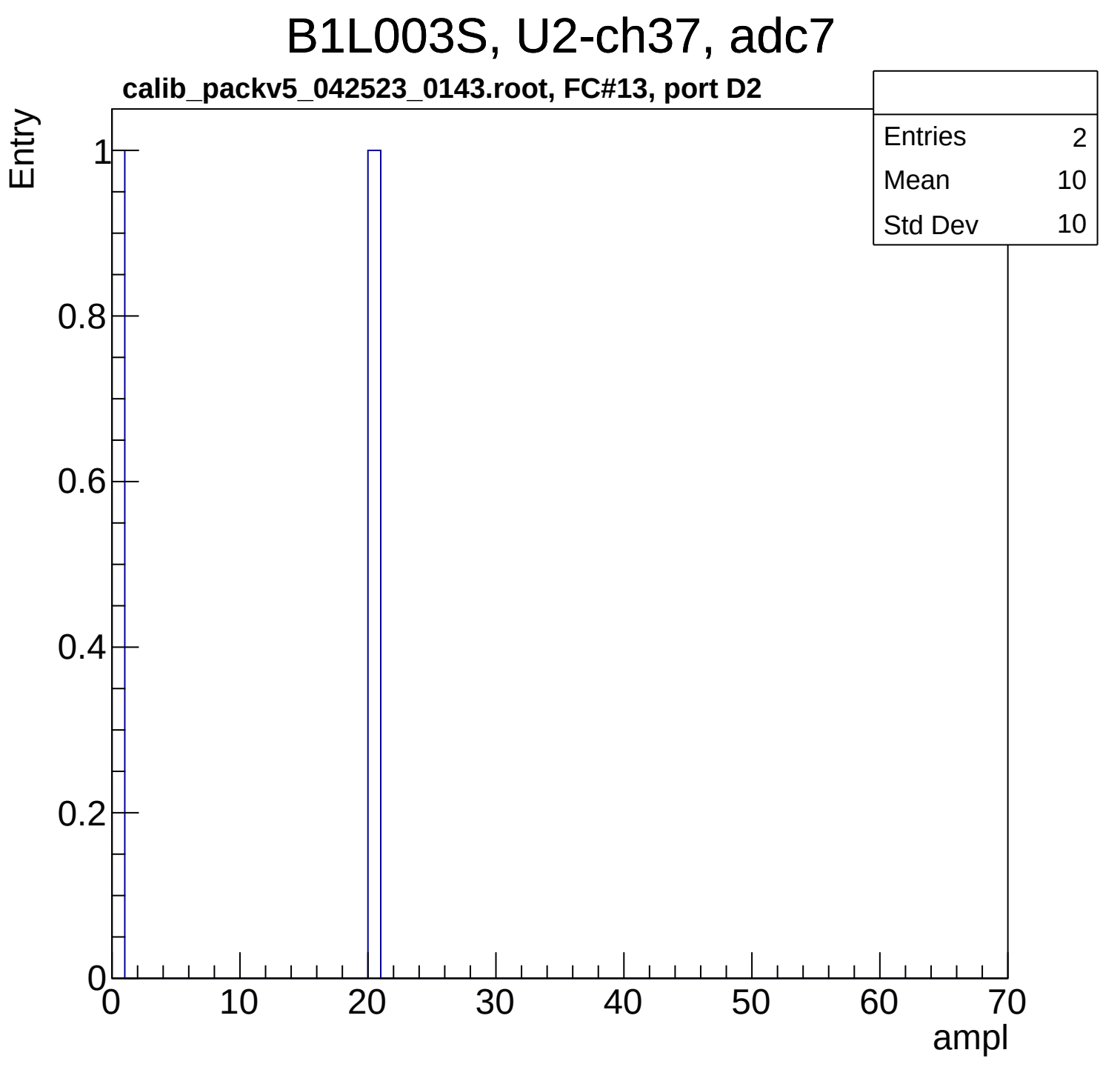
B1L003S, U2-ch37, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 10
Std Dev 10
Entry
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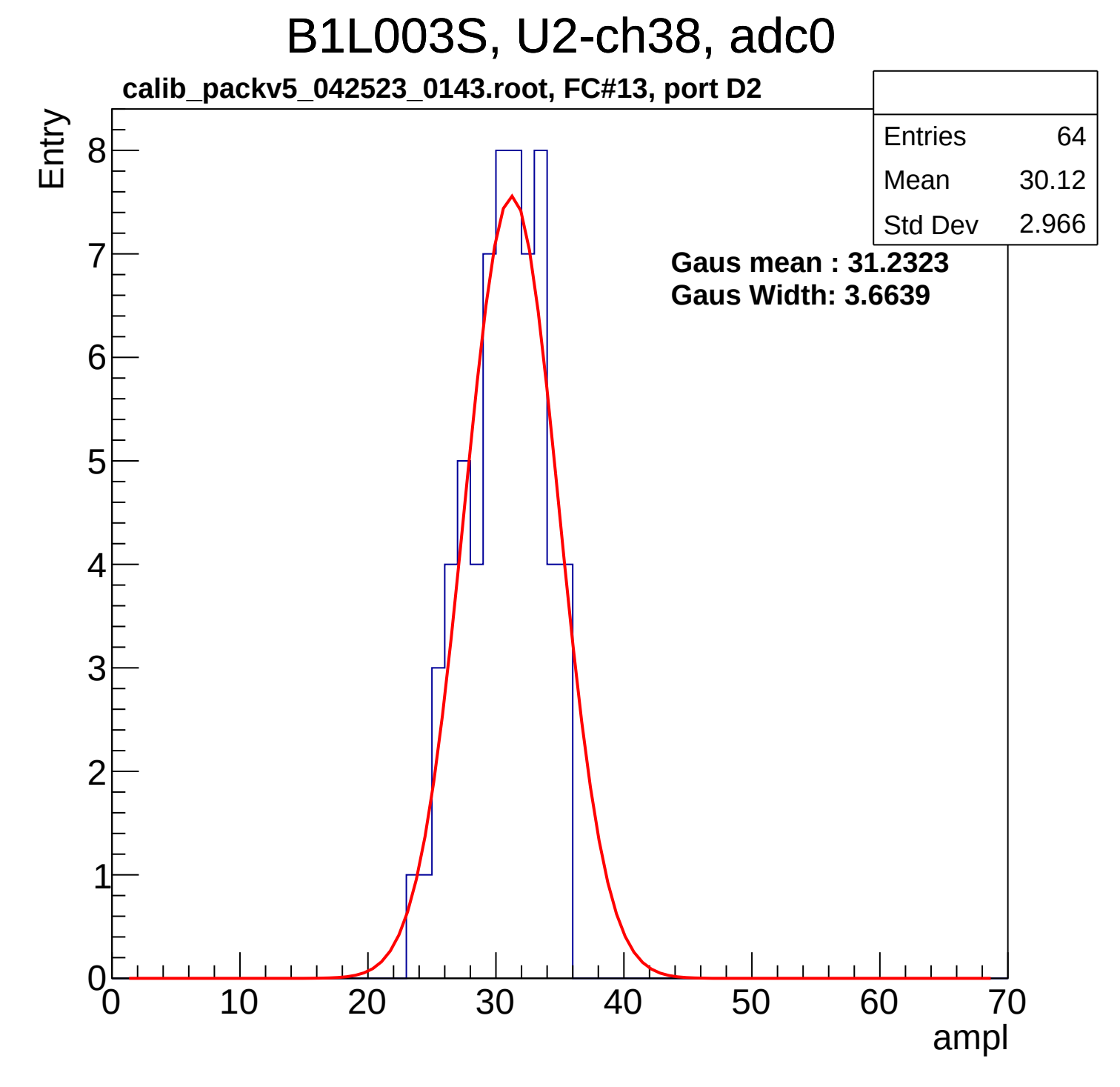
70
ampl


B1L003S, U2-ch38, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 30.12
Std Dev 2.966
Gaus mean : 31.2323
Gaus Width: 3.6639
Entry
ampl
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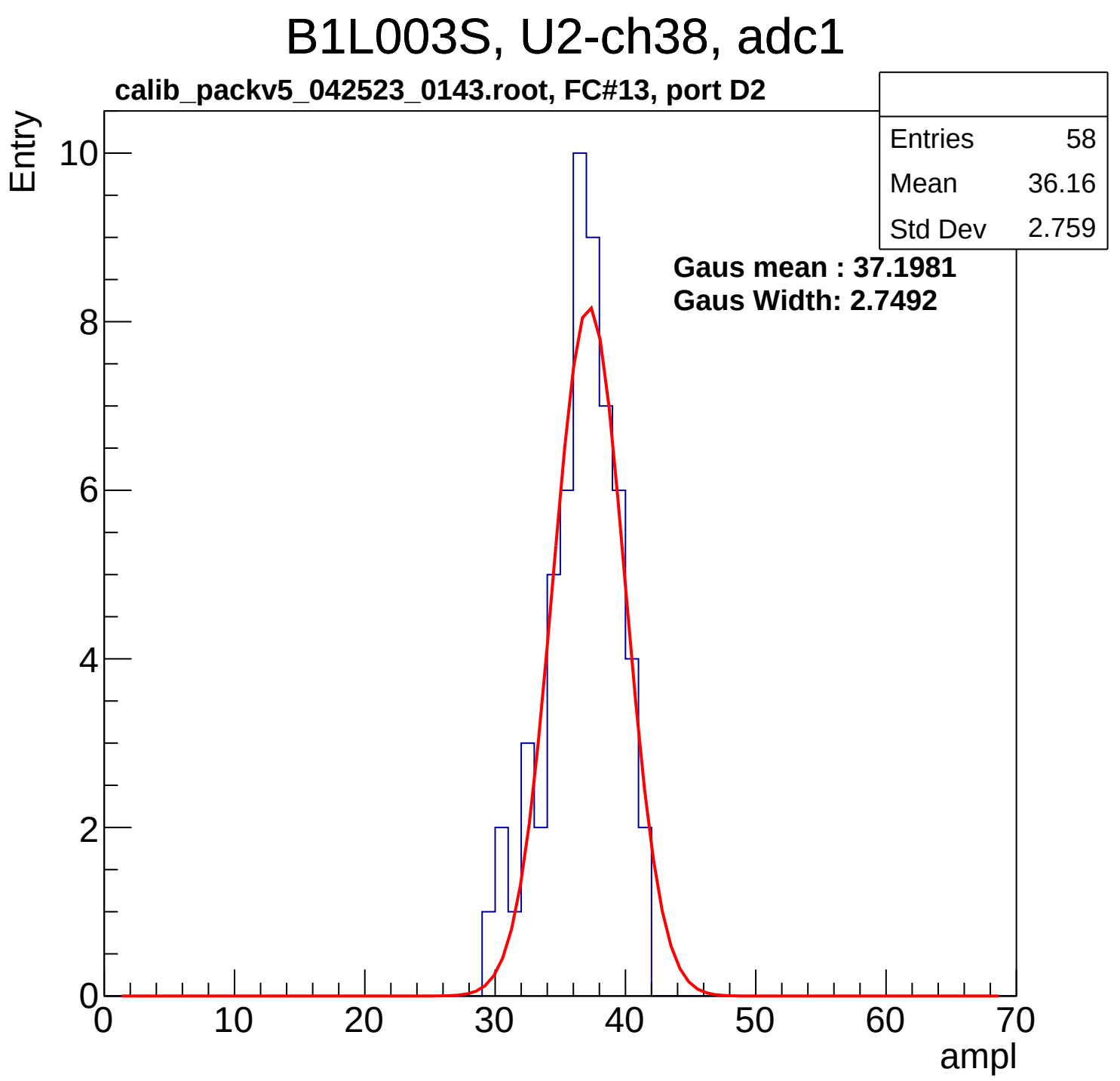
B1L003S, U2-ch38, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 36.16
Std Dev 2.759
Gaus mean : 37.1981
Gaus Width: 2.7492
Entry
ampl
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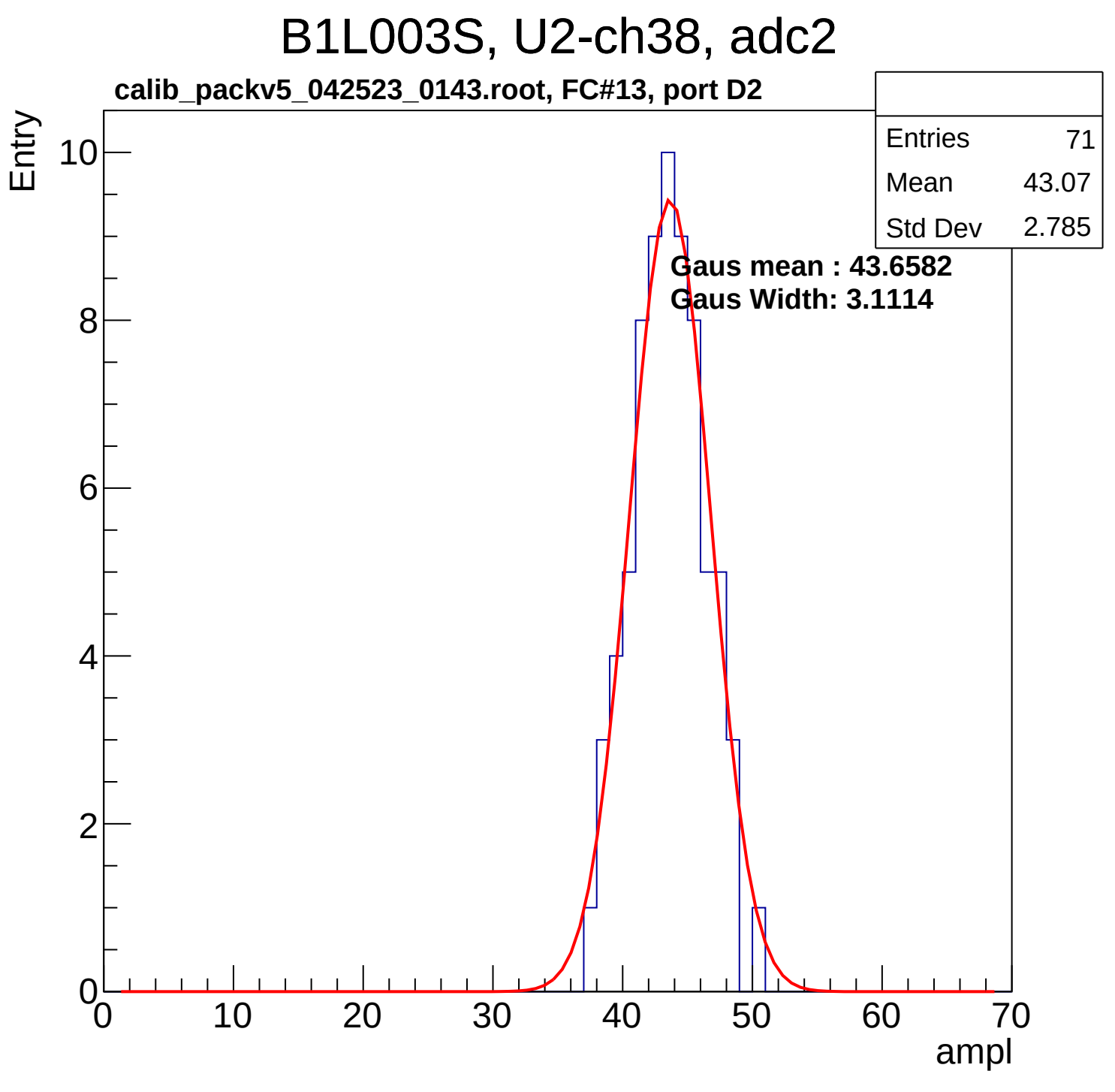
B1L003S, U2-ch38, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 43.07
Std Dev 2.785
Gaus mean : 43.6582
Gaus Width: 3.1114
Entry
ampl
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0
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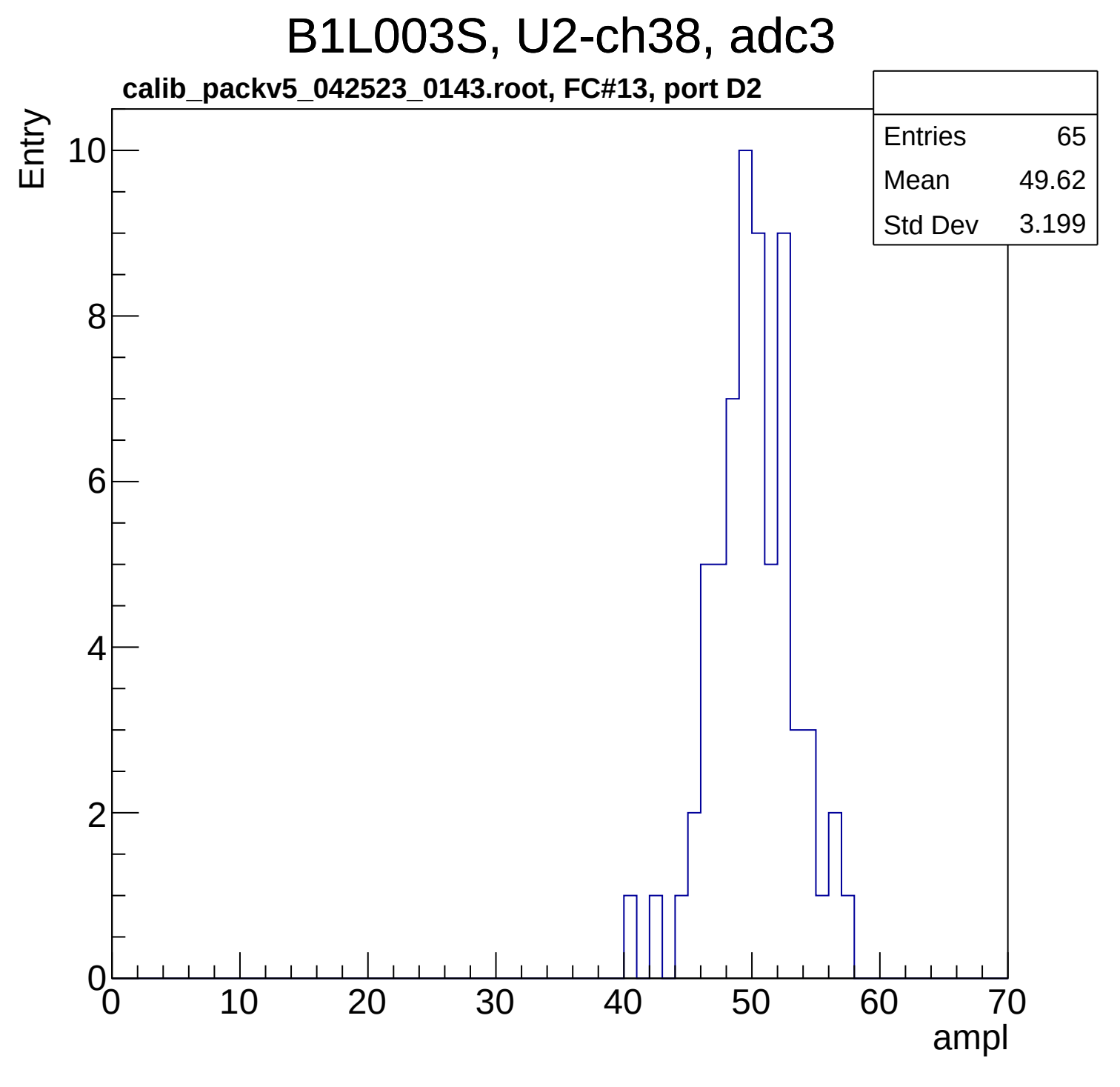
B1L003S, U2-ch38, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 49.62
Std Dev 3.199
Entry
ampl
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4
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0
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40
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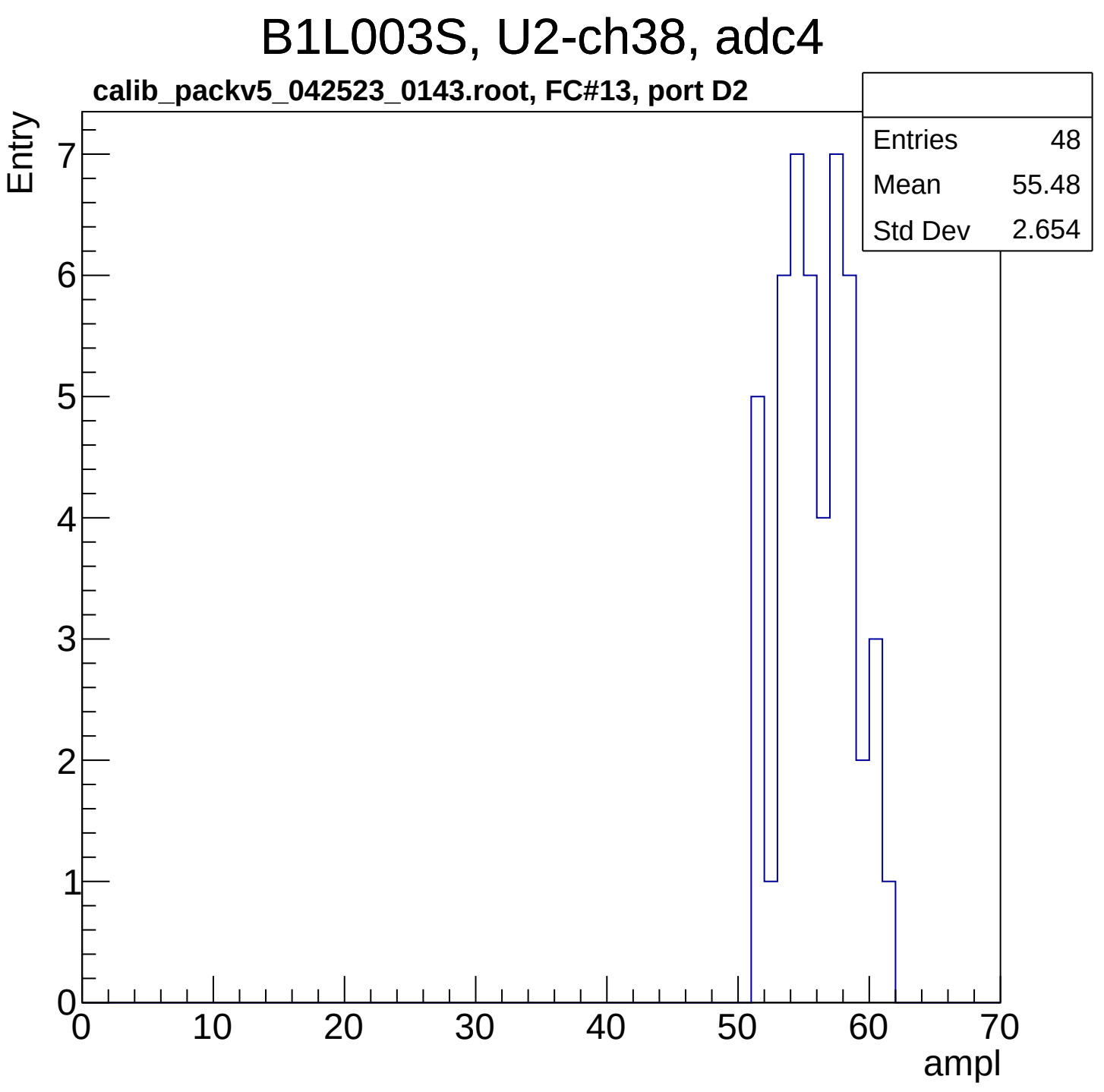
B1L003S, U2-ch38, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 55.48
Std Dev 2.654
Entry
ampl
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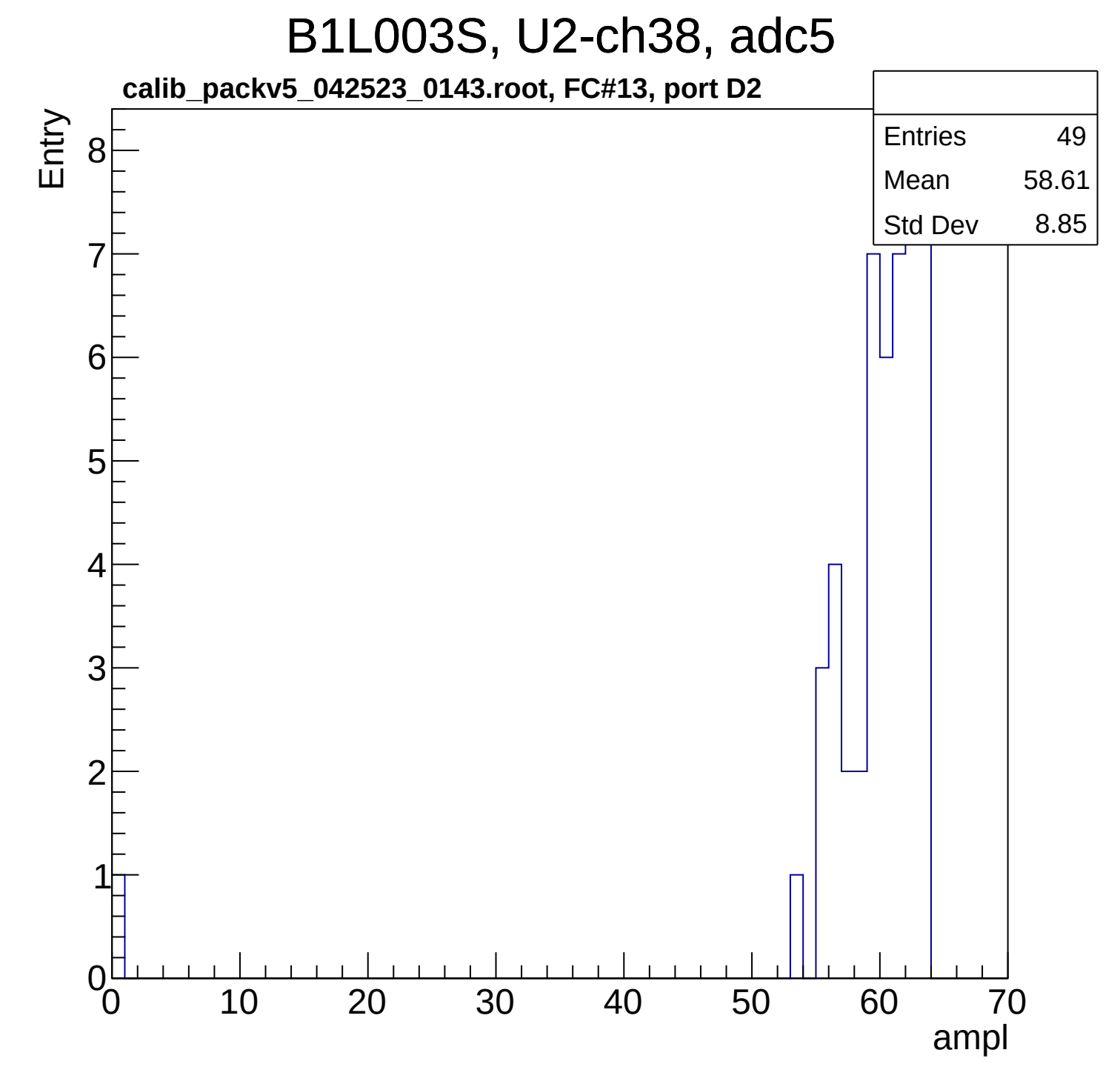
B1L003S, U2-ch38, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 58.61
Std Dev 8.85
Entry
ampl
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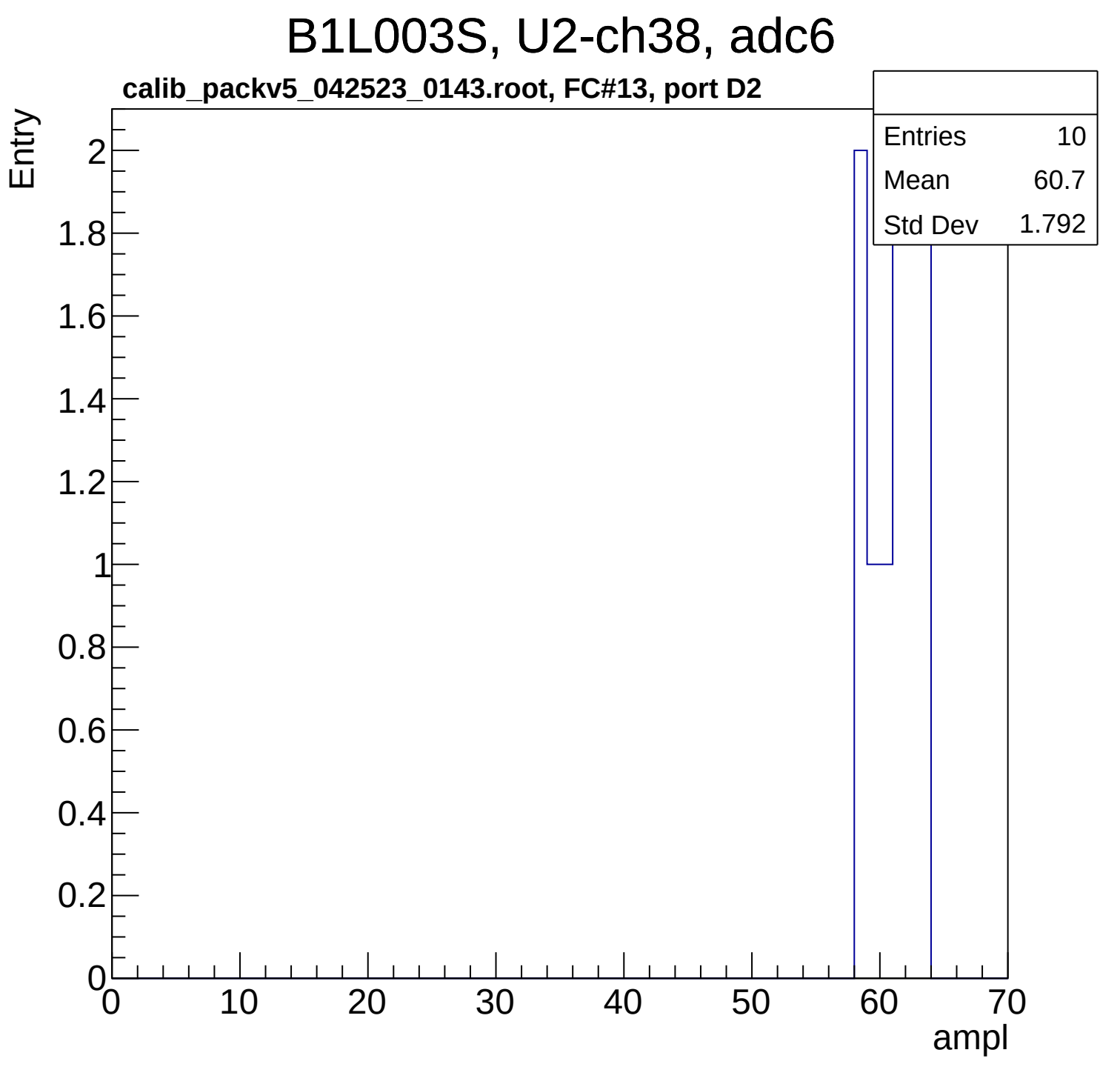
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch38, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 60.7
Std Dev 1.792
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
30
40
50
60
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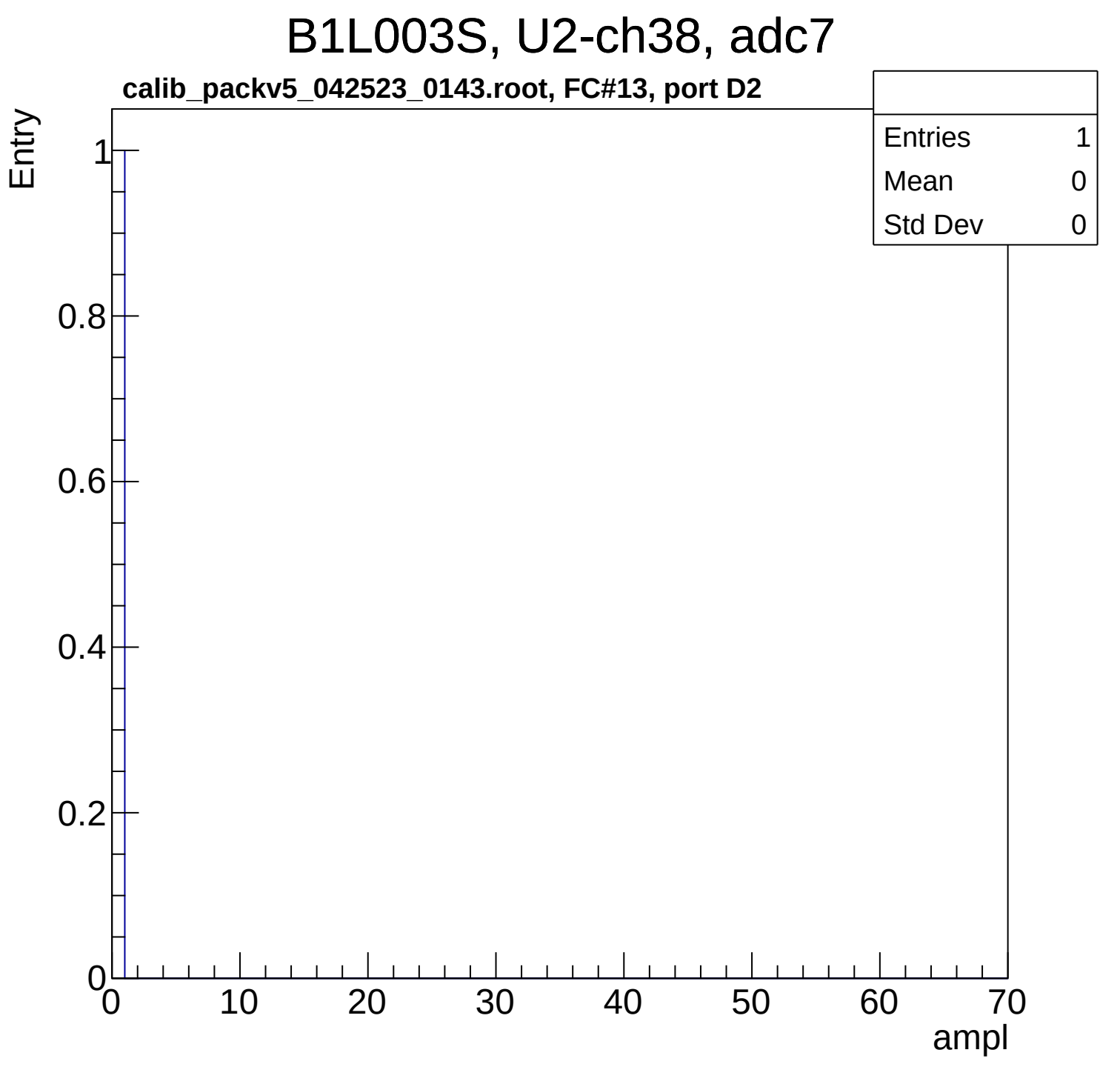
B1L003S, U2-ch38, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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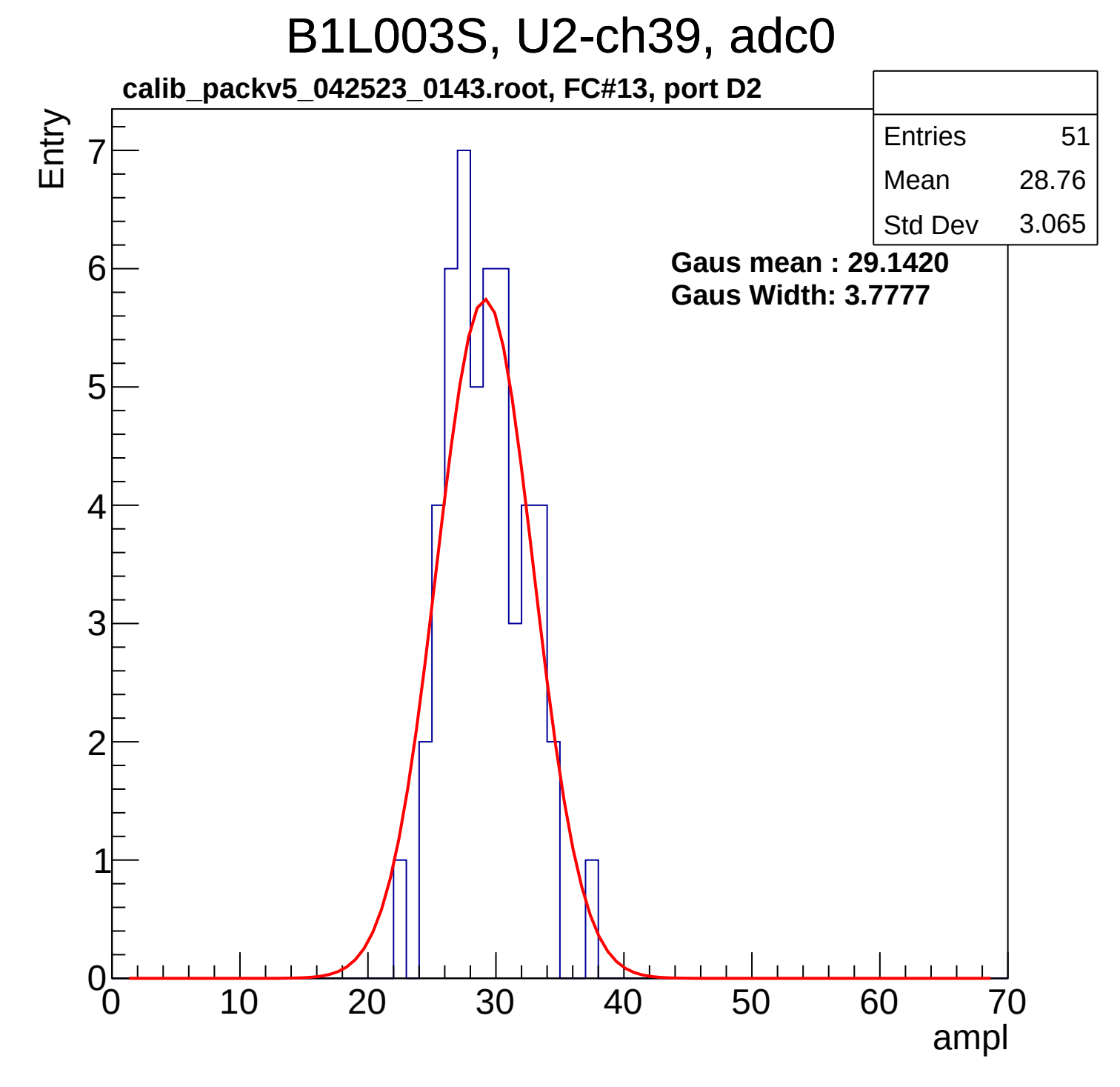
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch39, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 28.76
Std Dev 3.065
Gaus mean : 29.1420
Gaus Width: 3.7777
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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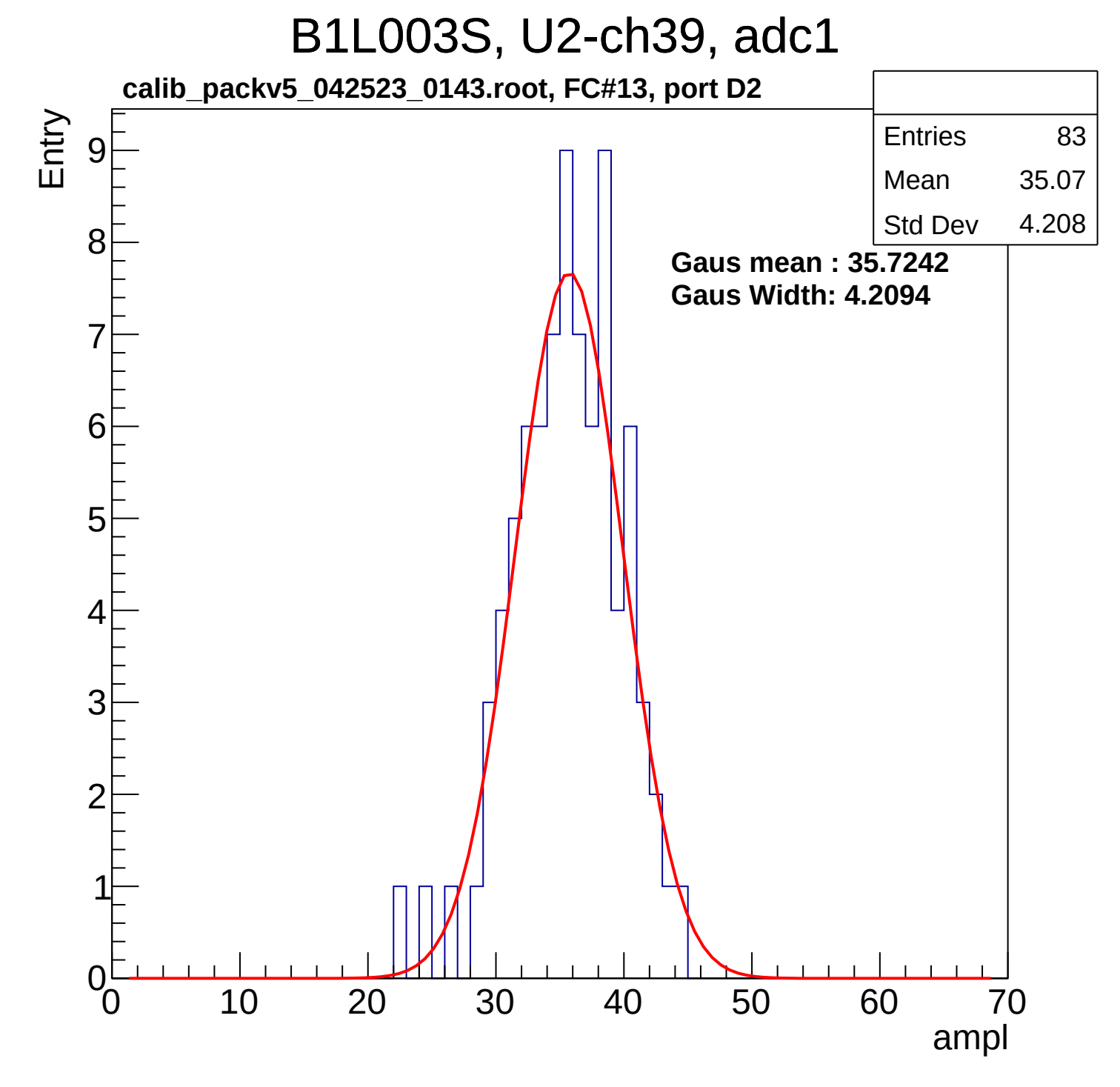
B1L003S, U2-ch39, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 35.07
Std Dev 4.208
Gaus mean : 35.7242
Gaus Width: 4.2094
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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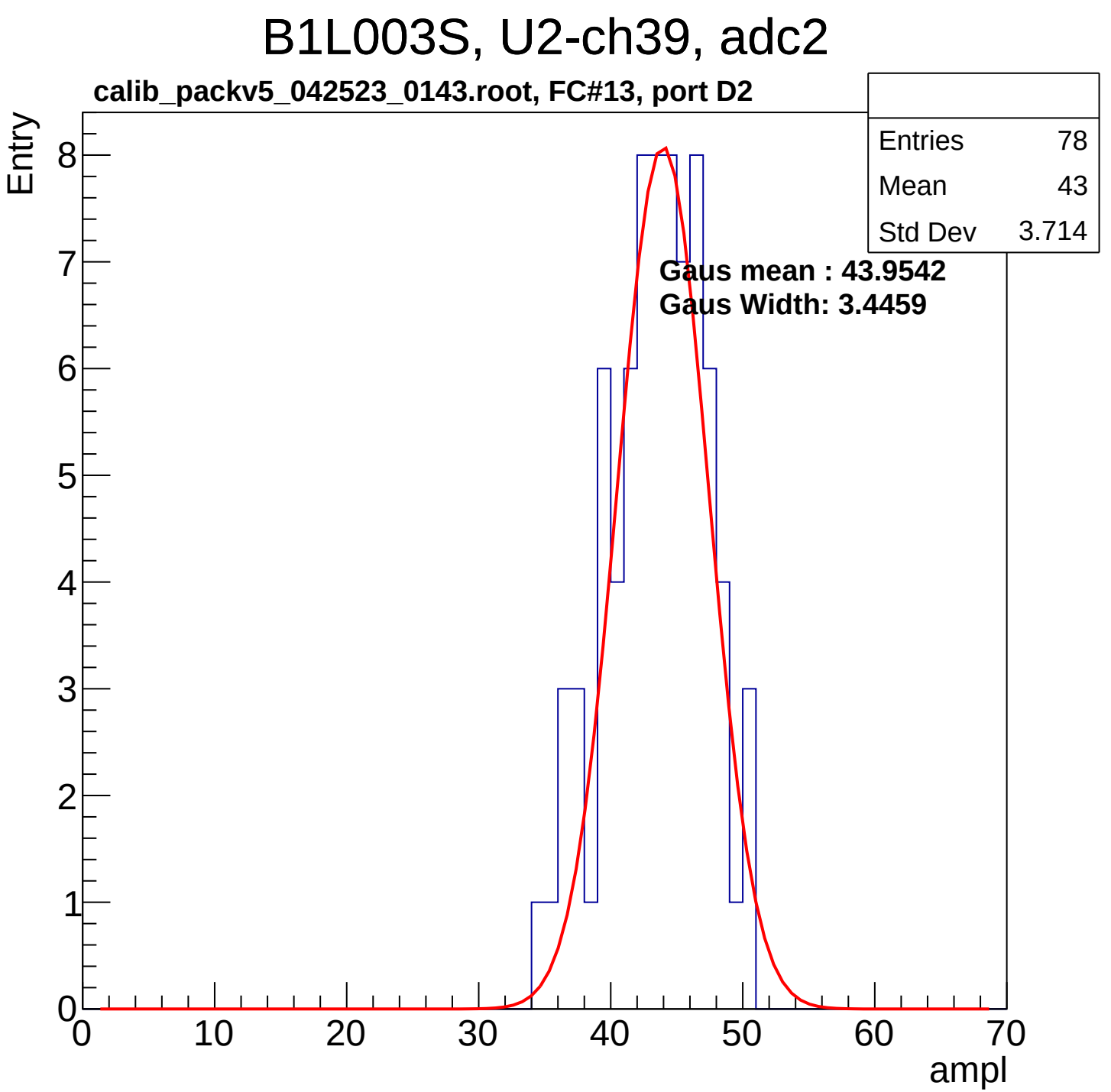
B1L003S, U2-ch39, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 43
Std Dev 3.714
Gaus mean : 43.9542
Gaus Width: 3.4459
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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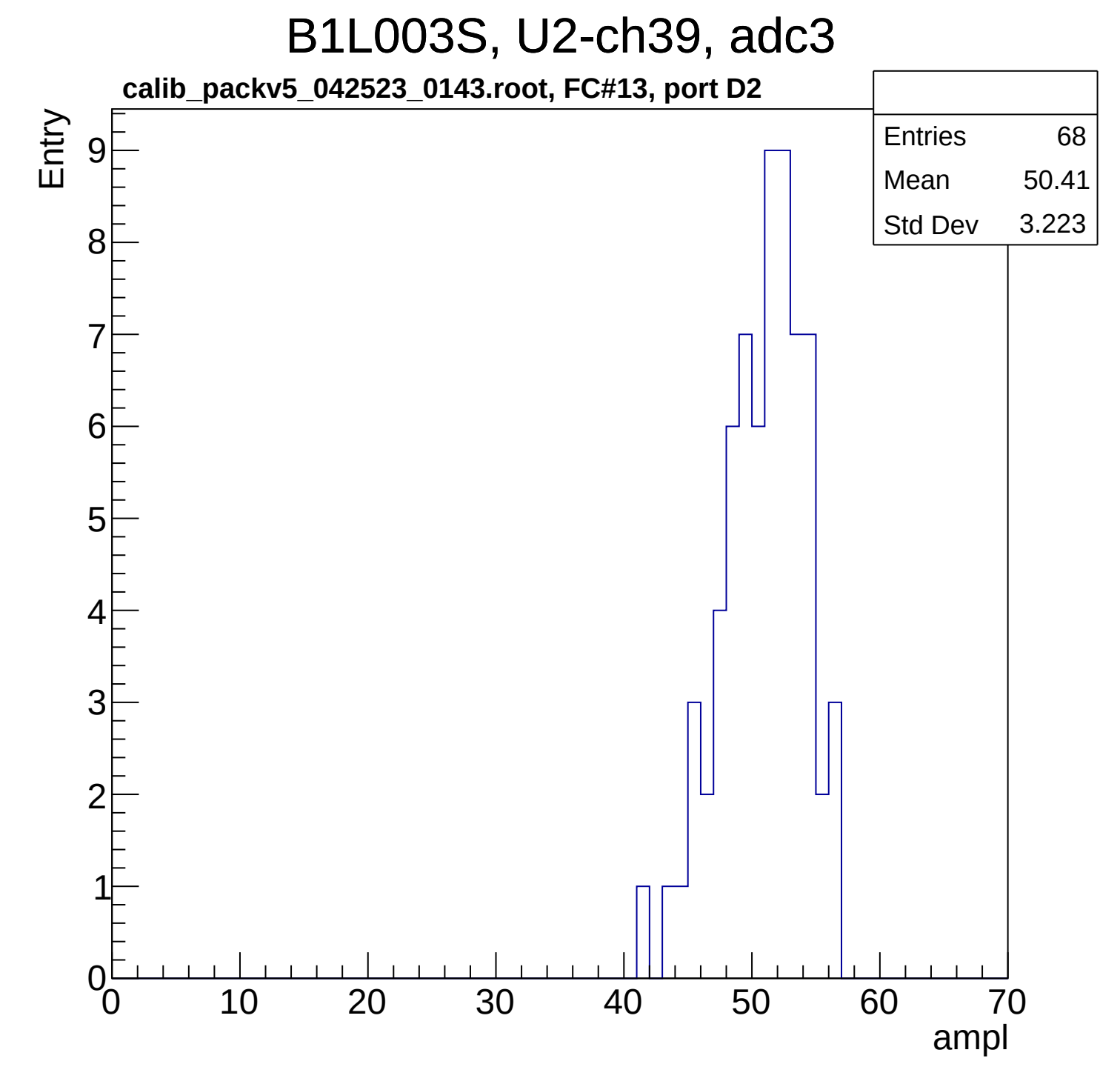
B1L003S, U2-ch39, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 50.41
Std Dev 3.223
Entry
ampl
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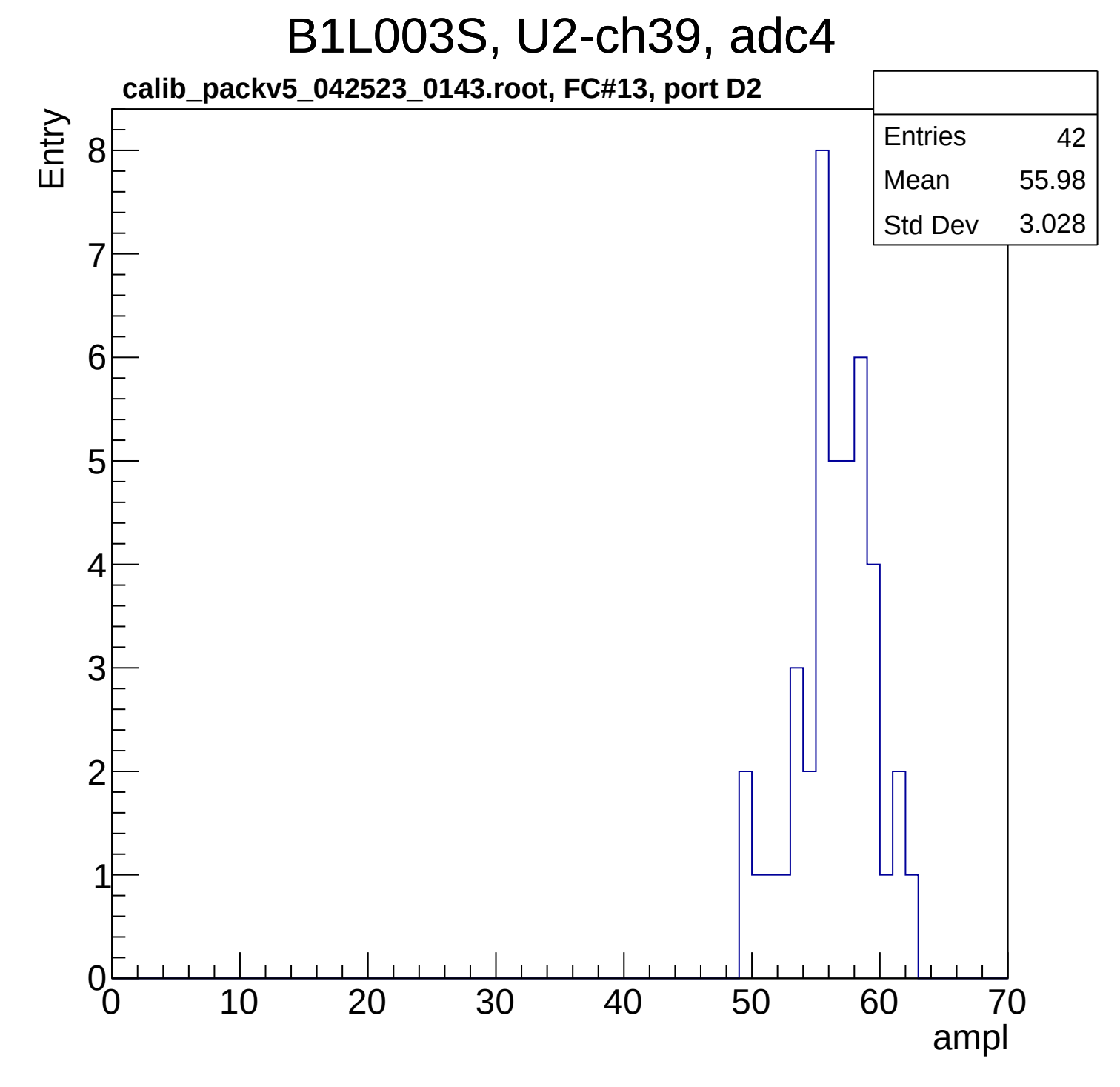
B1L003S, U2-ch39, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 55.98
Std Dev 3.028
Entry
ampl
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5
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7
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0
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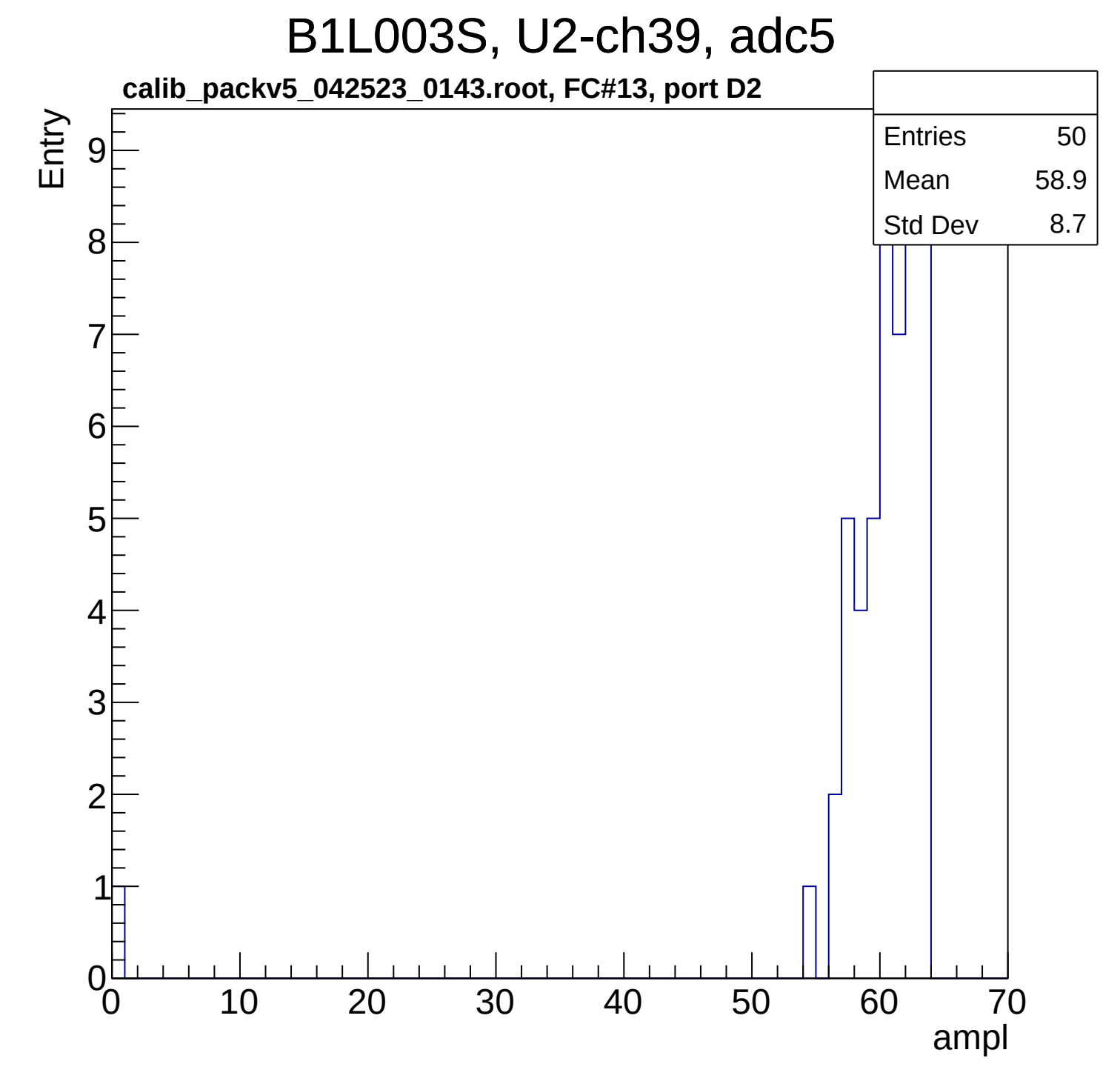
B1L003S, U2-ch39, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 58.9
Std Dev 8.7
Entry
ampl
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4
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0
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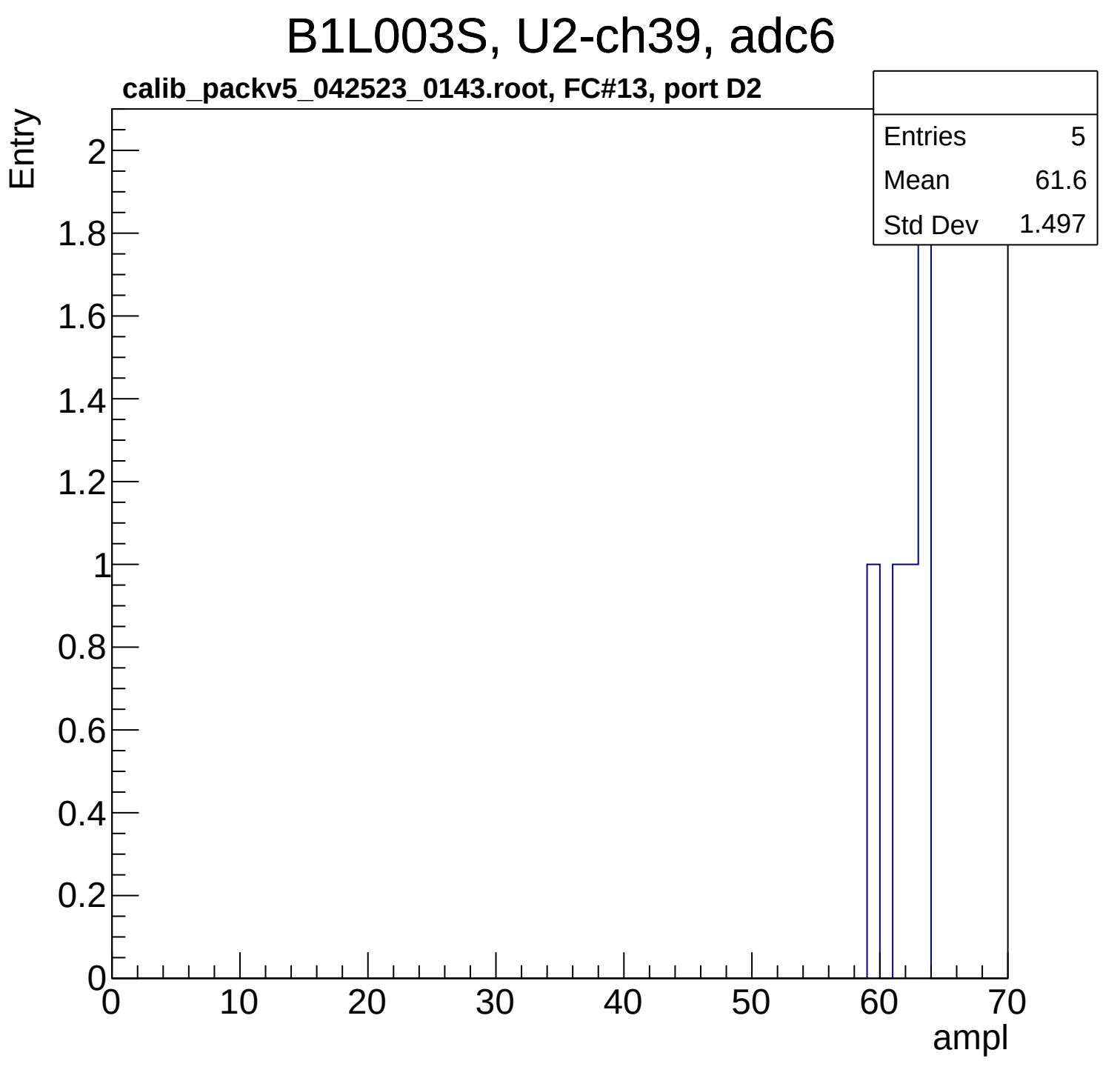
B1L003S, U2-ch39, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.6
Std Dev 1.497
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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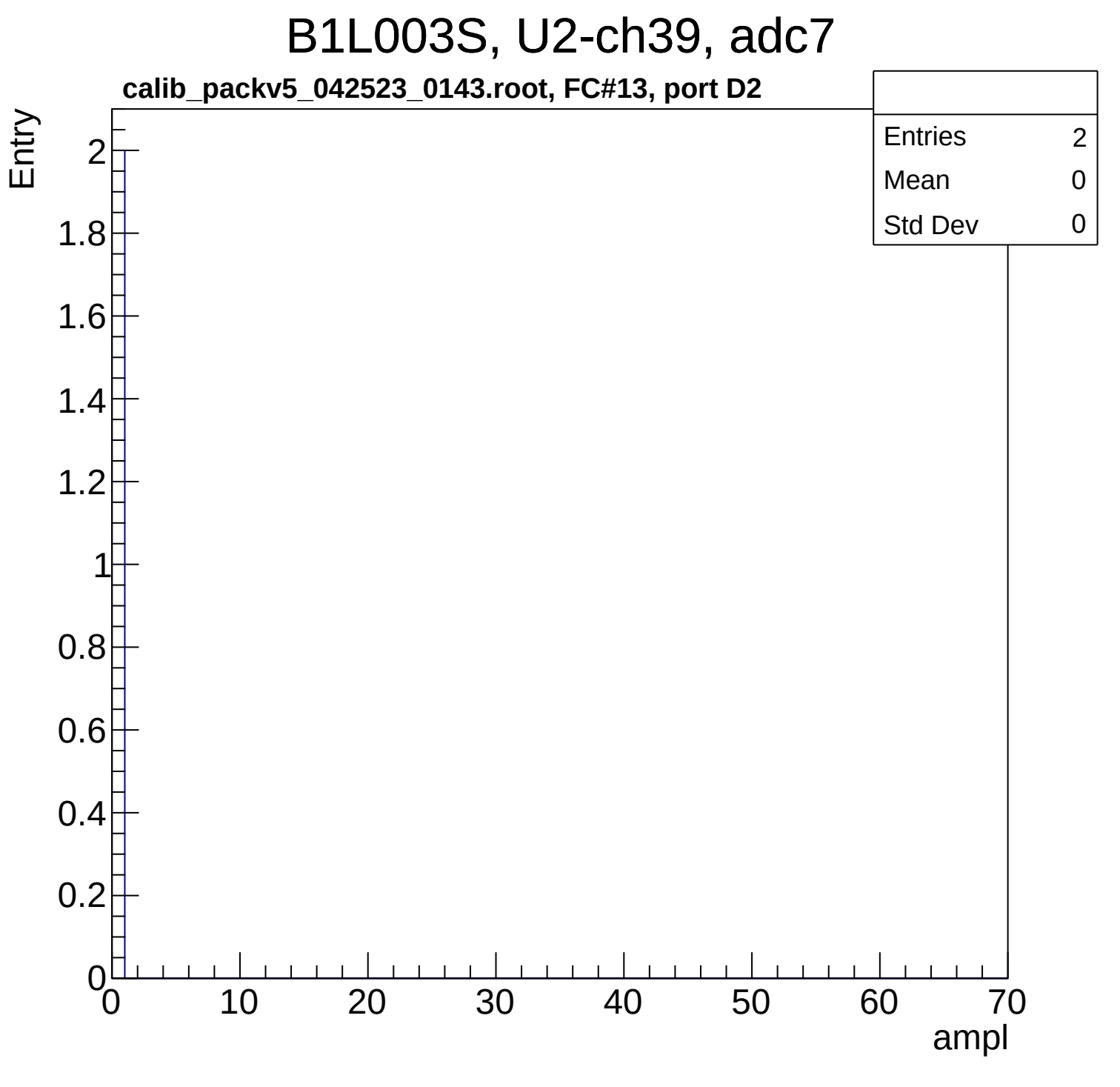
B1L003S, U2-ch39, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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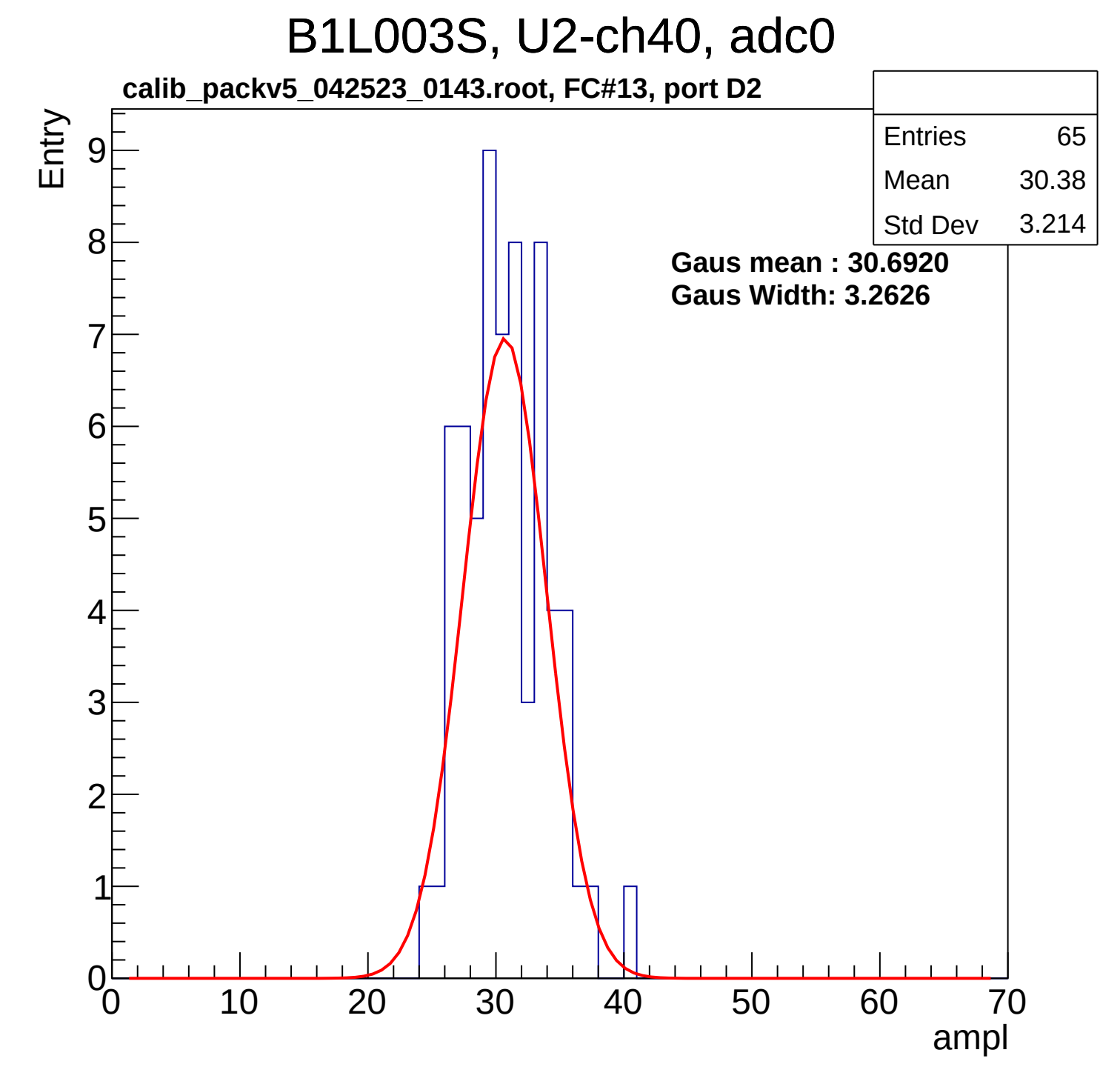
B1L003S, U2-ch40, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 30.38
Std Dev 3.214
Gaus mean : 30.6920
Gaus Width: 3.2626
Entry
ampl
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3
4
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6
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0
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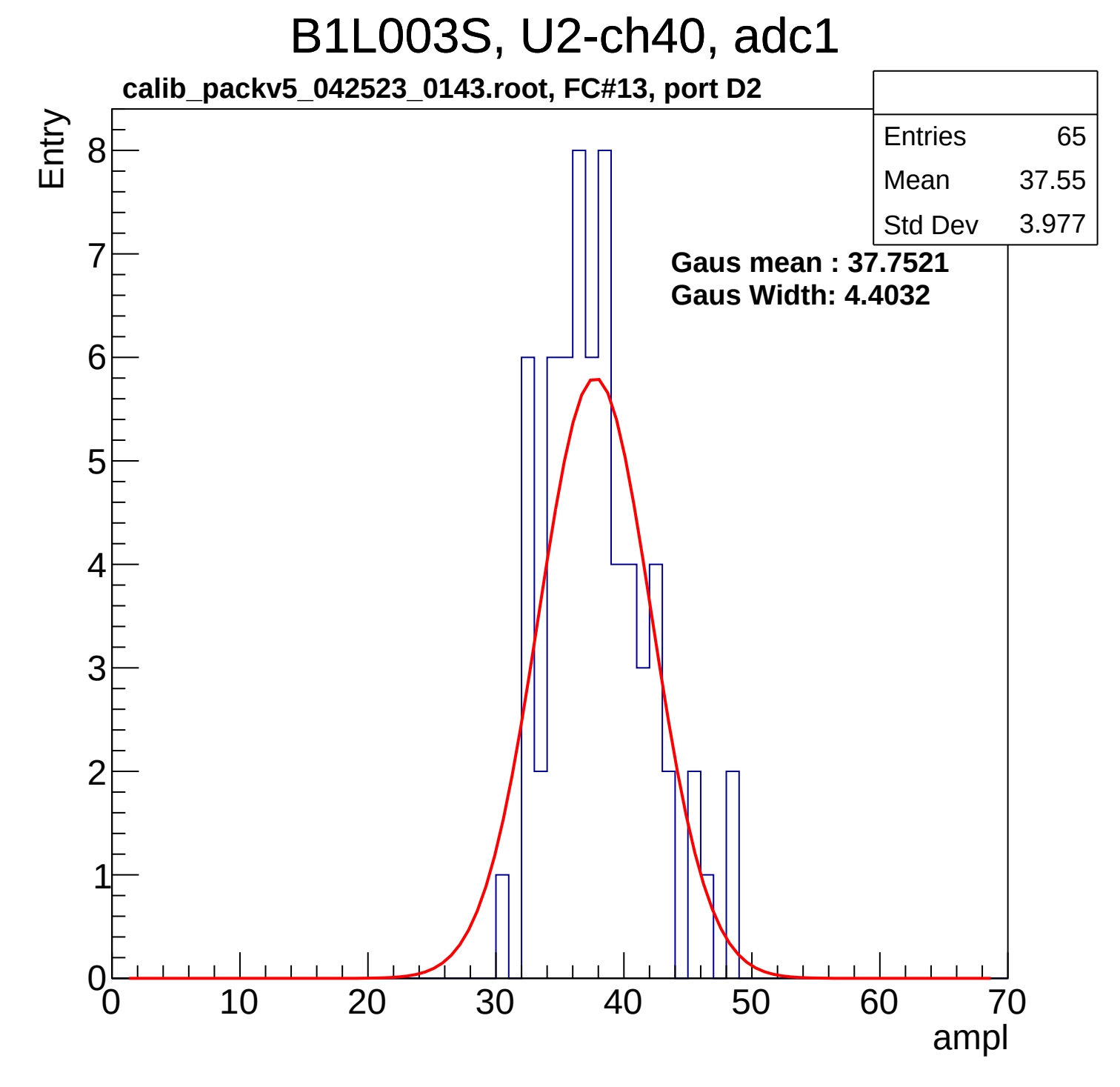
B1L003S, U2-ch40, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 37.55
Std Dev 3.977
Gaus mean : 37.7521
Gaus Width: 4.4032
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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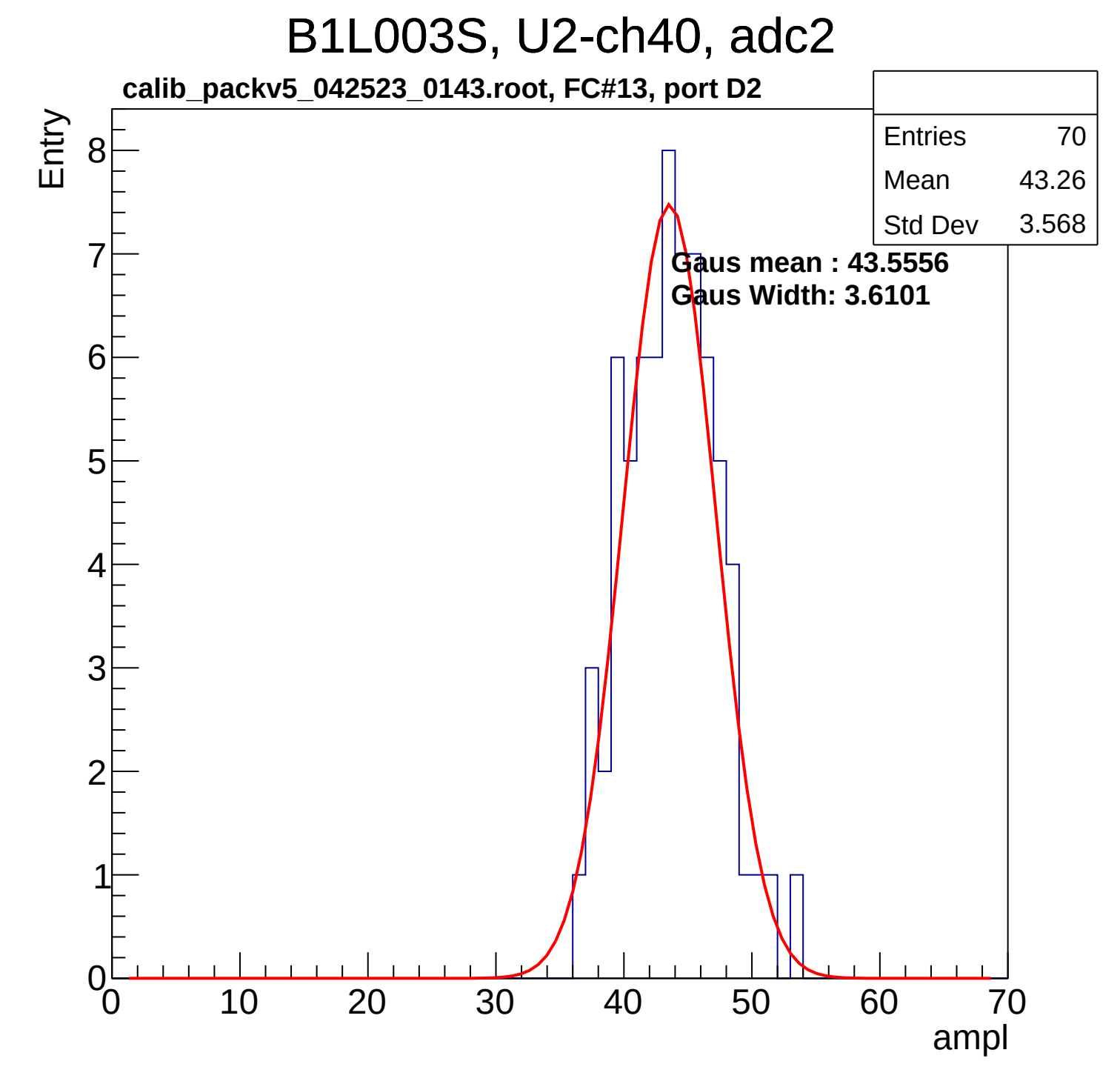
B1L003S, U2-ch40, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 43.26
Std Dev 3.568
Gaus mean : 43.5556
Gaus Width: 3.6101
Entry
ampl
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5
6
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0
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60
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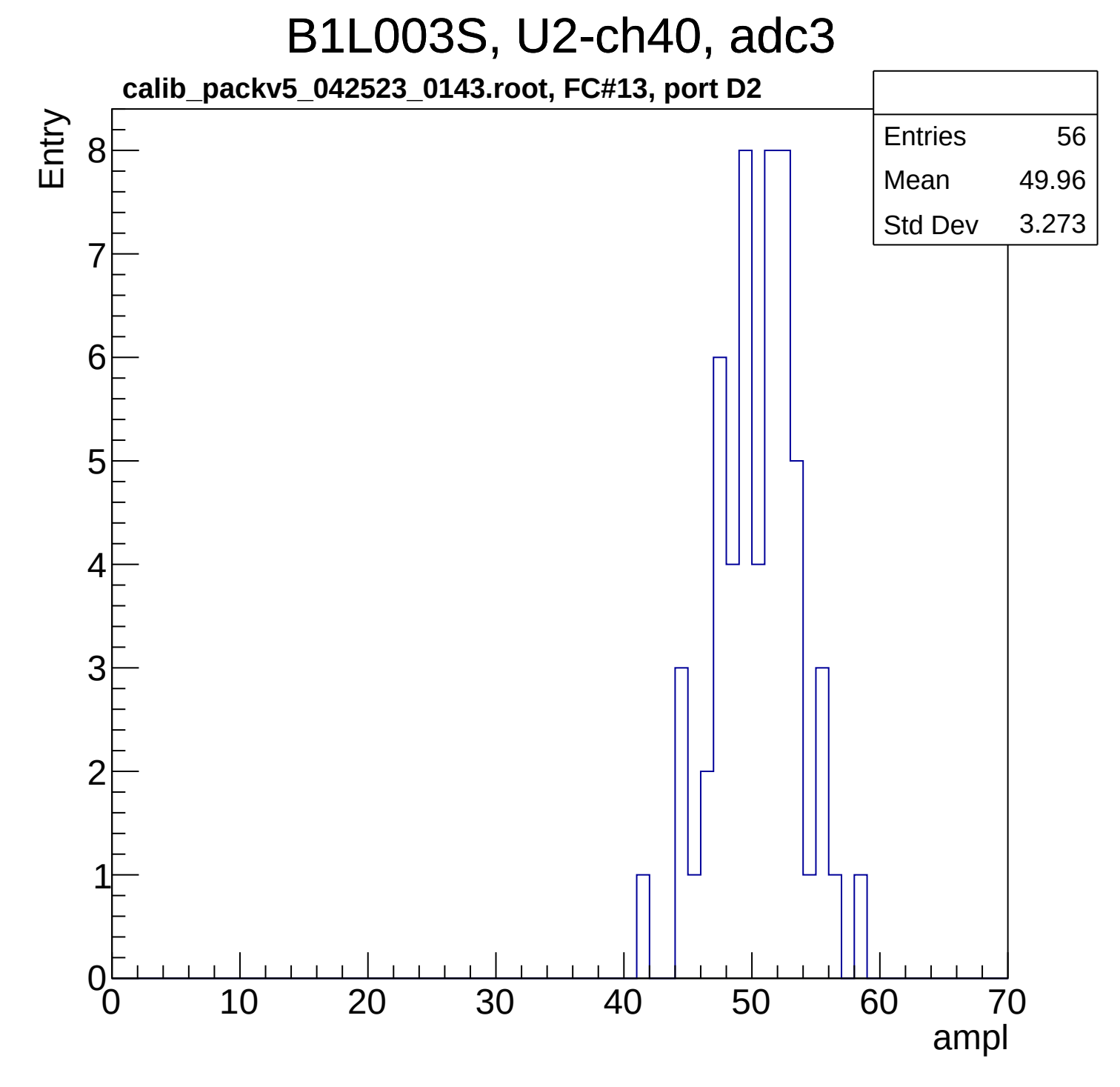
B1L003S, U2-ch40, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 49.96
Std Dev 3.273
Entry
ampl
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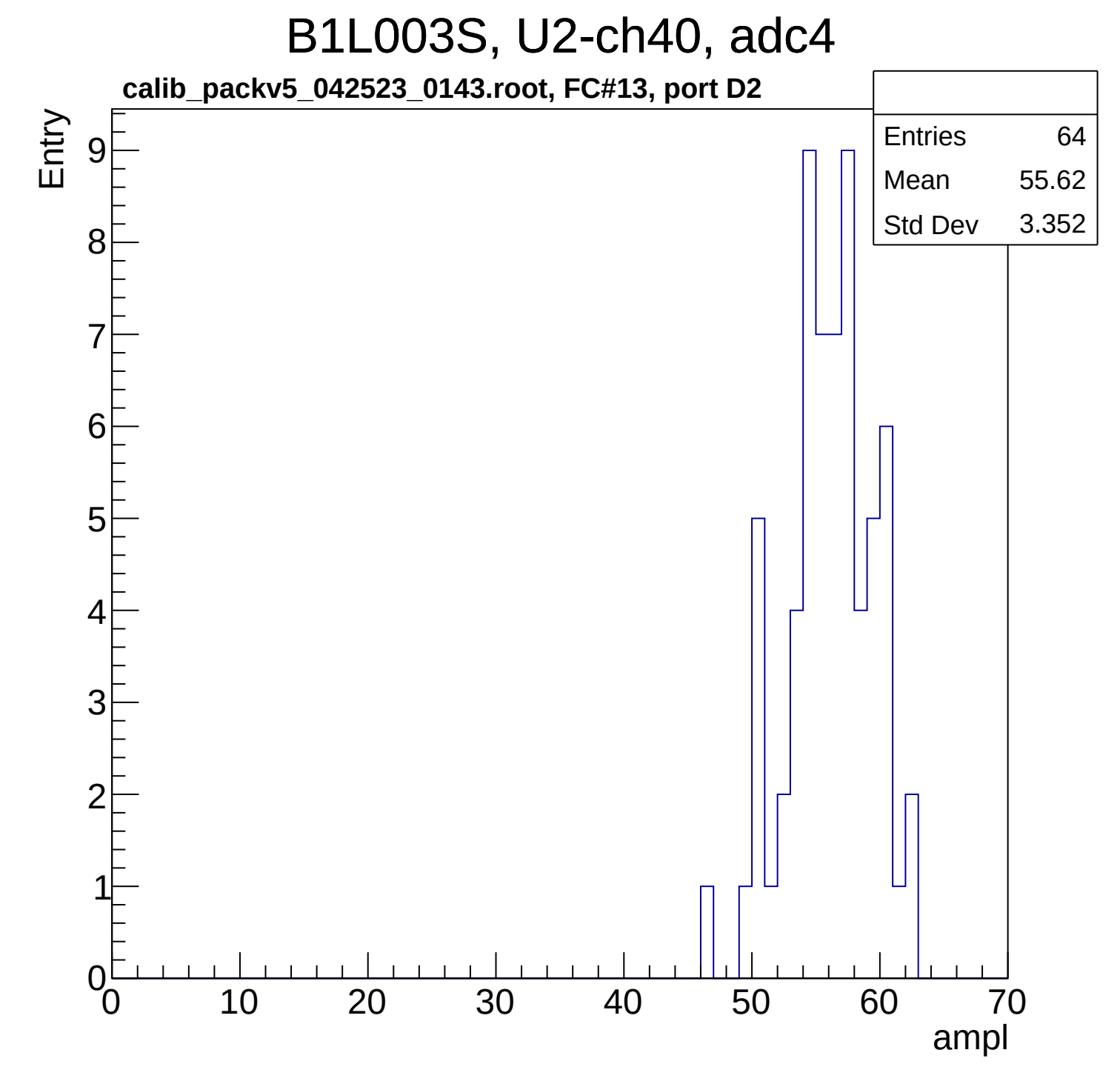
B1L003S, U2-ch40, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 55.62
Std Dev 3.352
Entry
ampl
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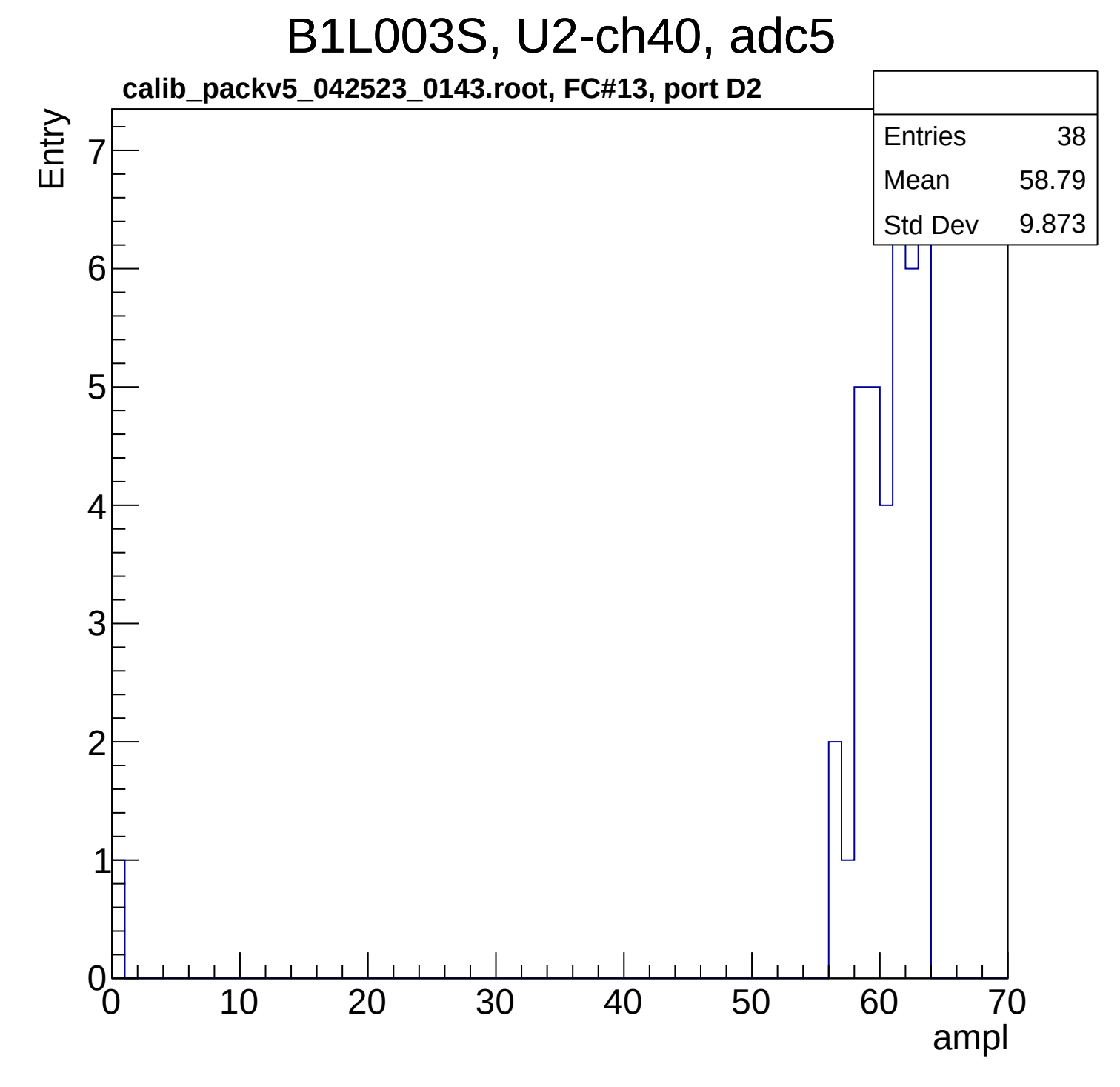
B1L003S, U2-ch40, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 58.79
Std Dev 9.873
Entry
ampl
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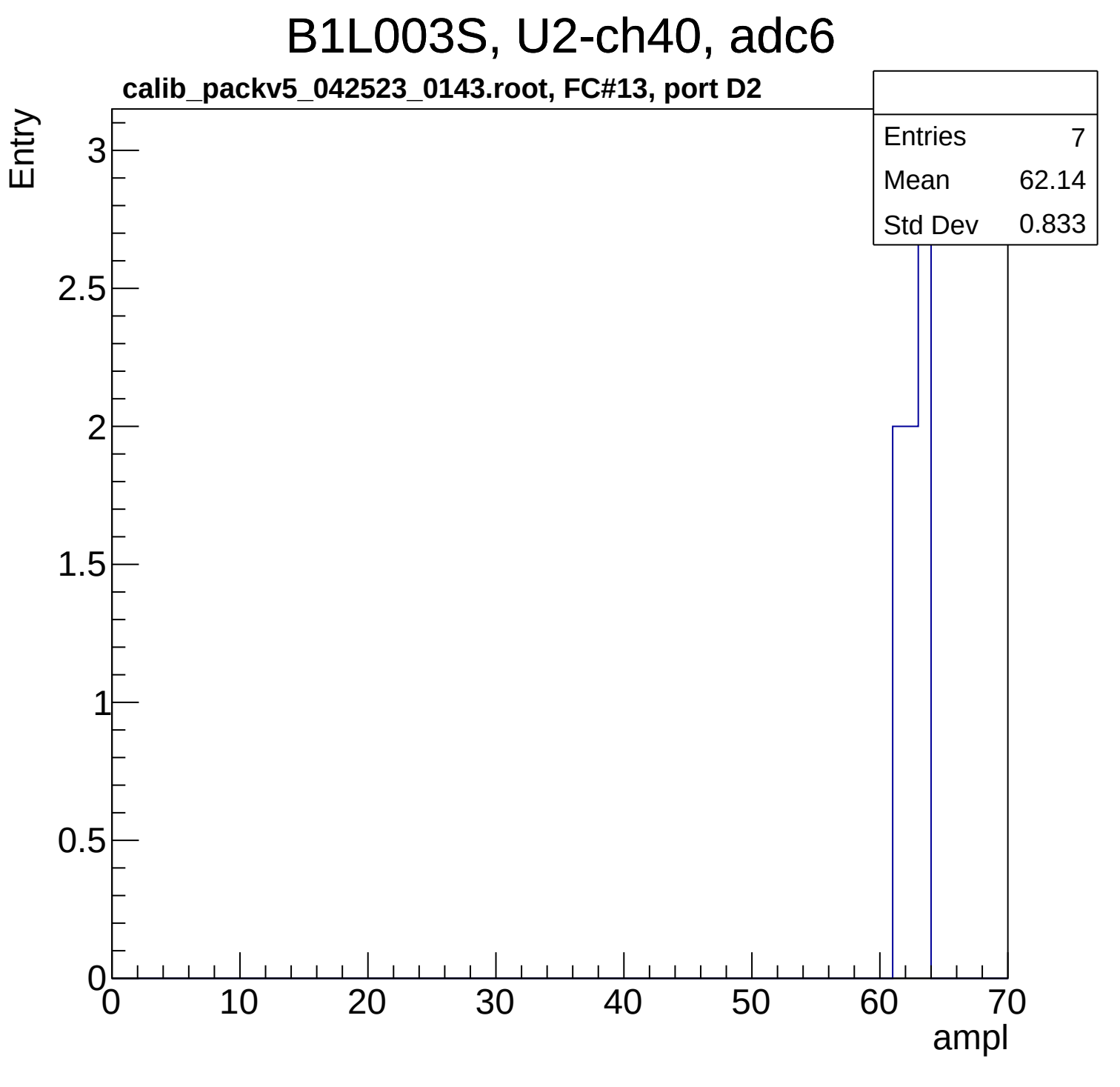
B1L003S, U2-ch40, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.14
Std Dev 0.833
Entry
ampl
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1.5
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2.5
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60
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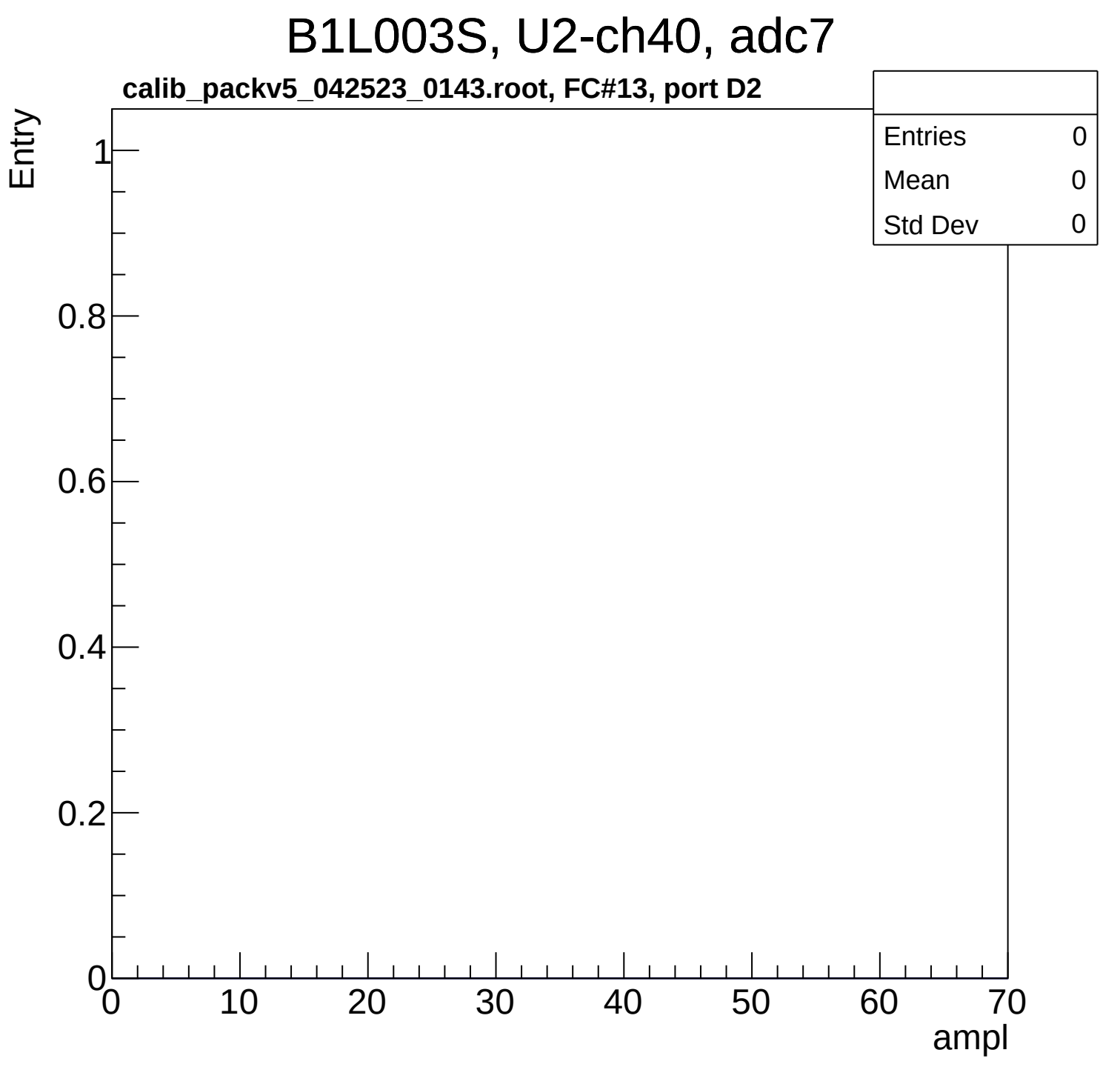
B1L003S, U2-ch40, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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10
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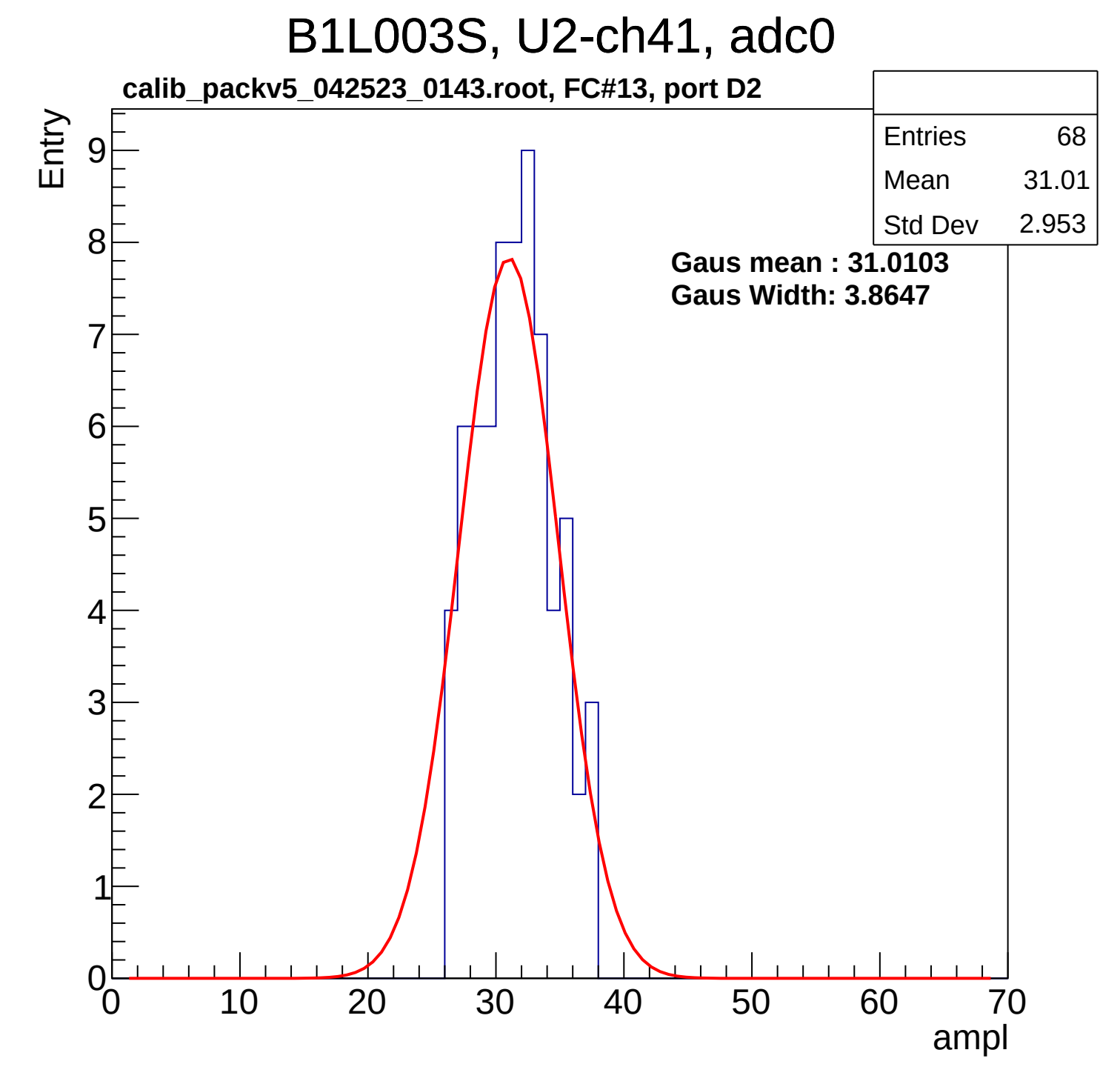
50
60
70
ampl


B1L003S, U2-ch41, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 31.01
Std Dev 2.953
Gaus mean : 31.0103
Gaus Width: 3.8647
Entry
ampl
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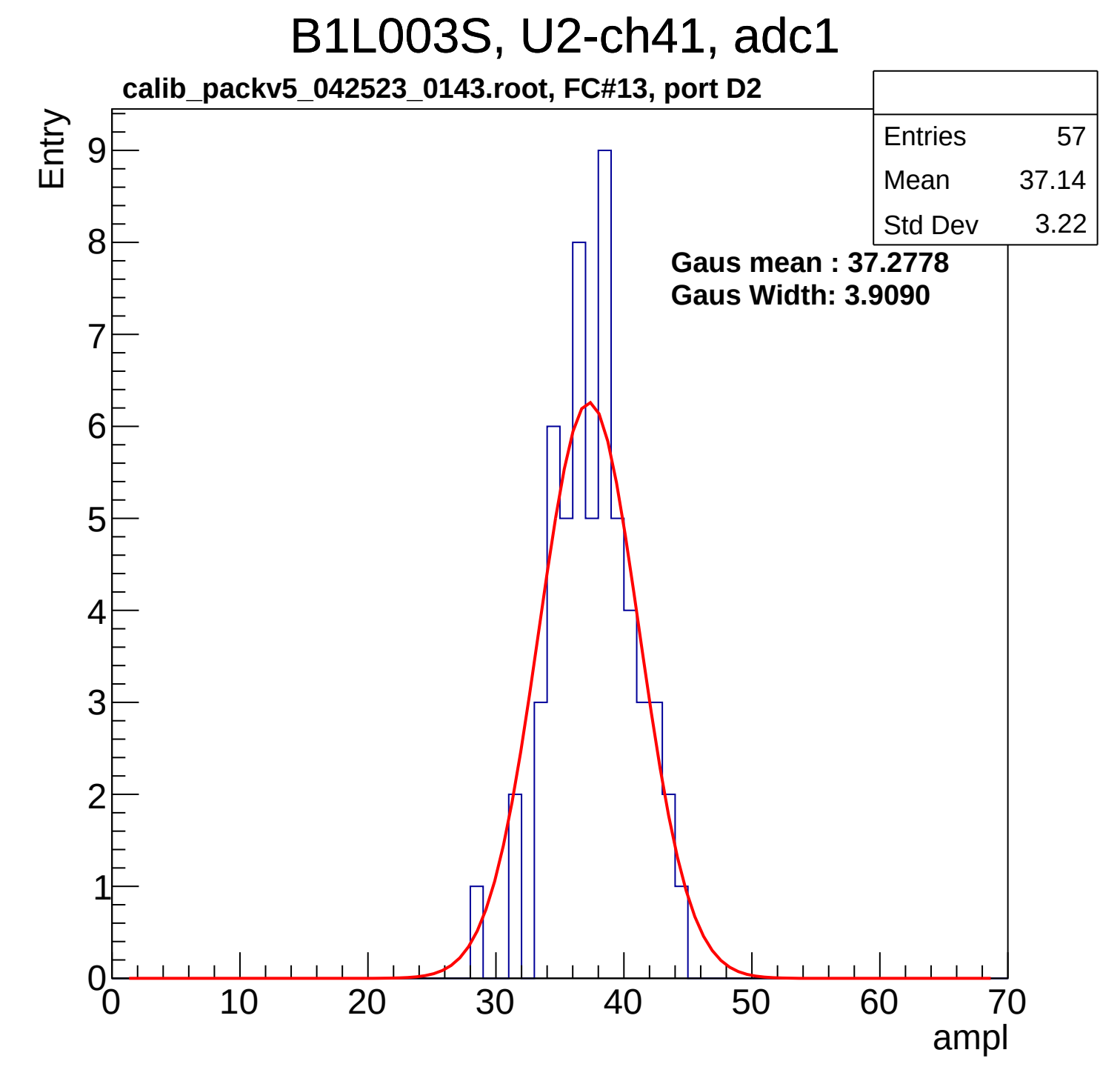
B1L003S, U2-ch41, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 37.14
Std Dev 3.22
Gaus mean : 37.2778
Gaus Width: 3.9090
Entry
ampl
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3
4
5
6
7
8
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0
10
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40
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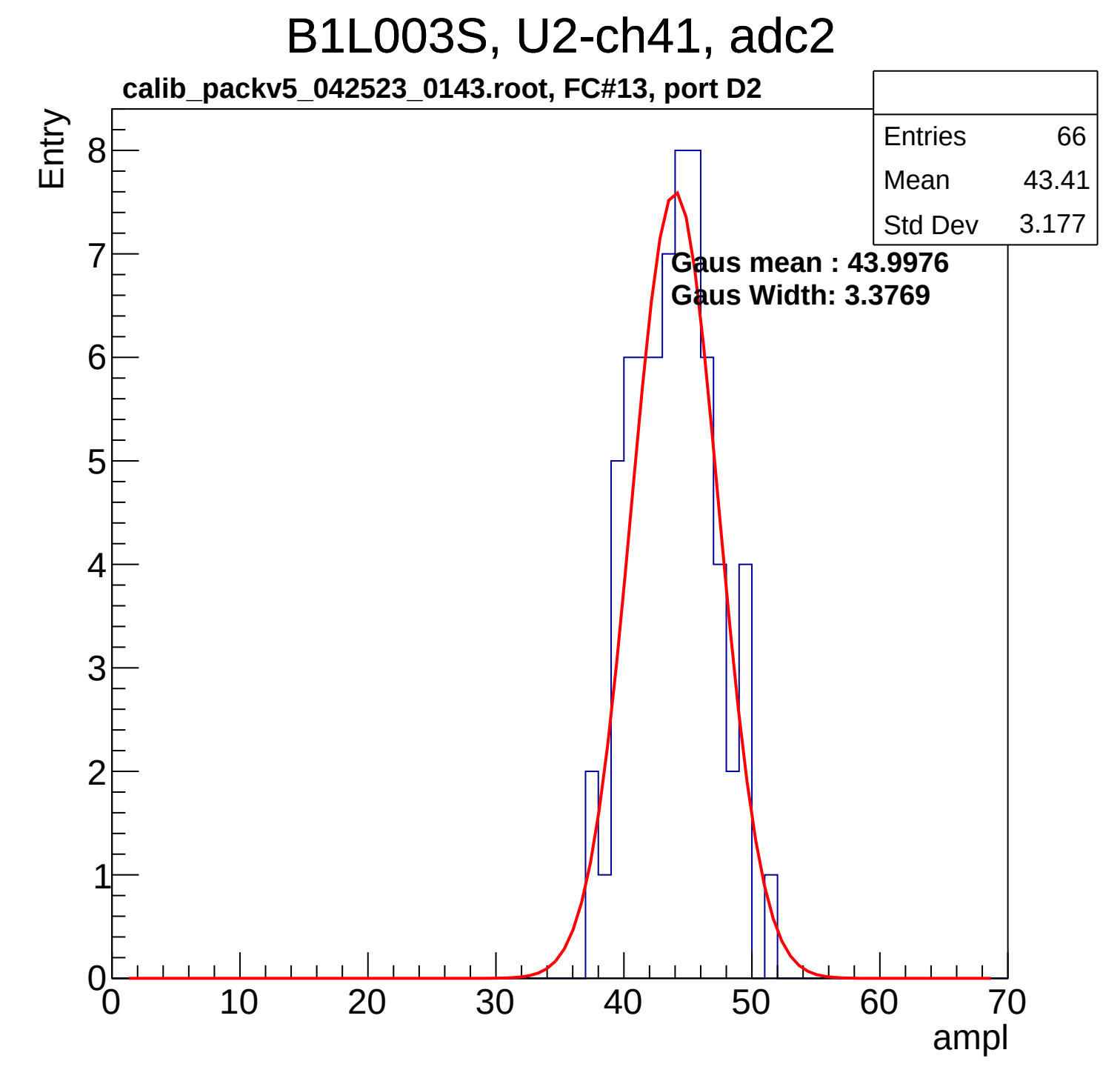
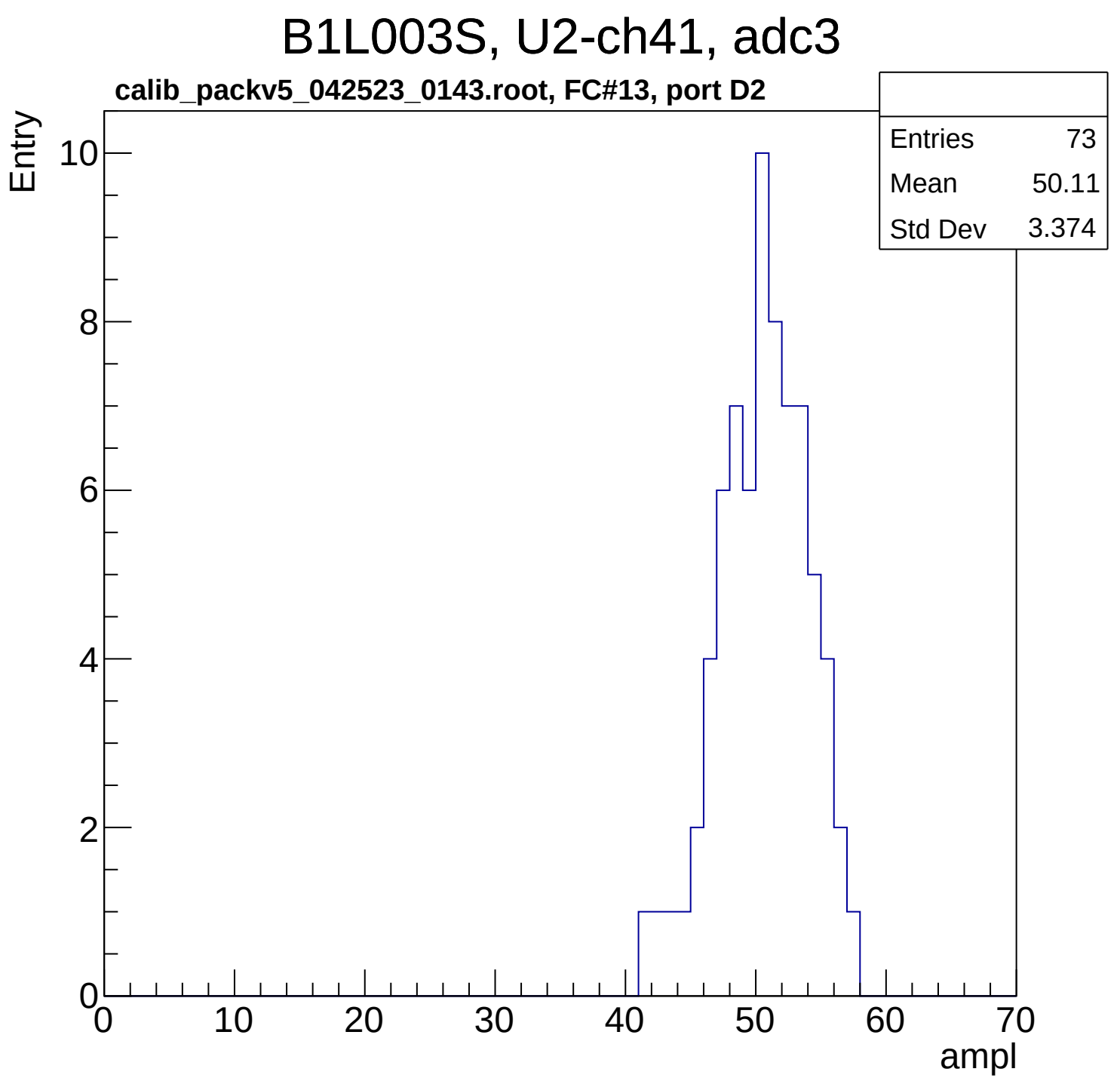

B1L003S, U2-ch41, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 43.41
Std Dev 3.177
Gaus mean : 43.9976
Gaus Width: 3.3769
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch41, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 50.11
Std Dev 3.374
Entry
0
2
4
6
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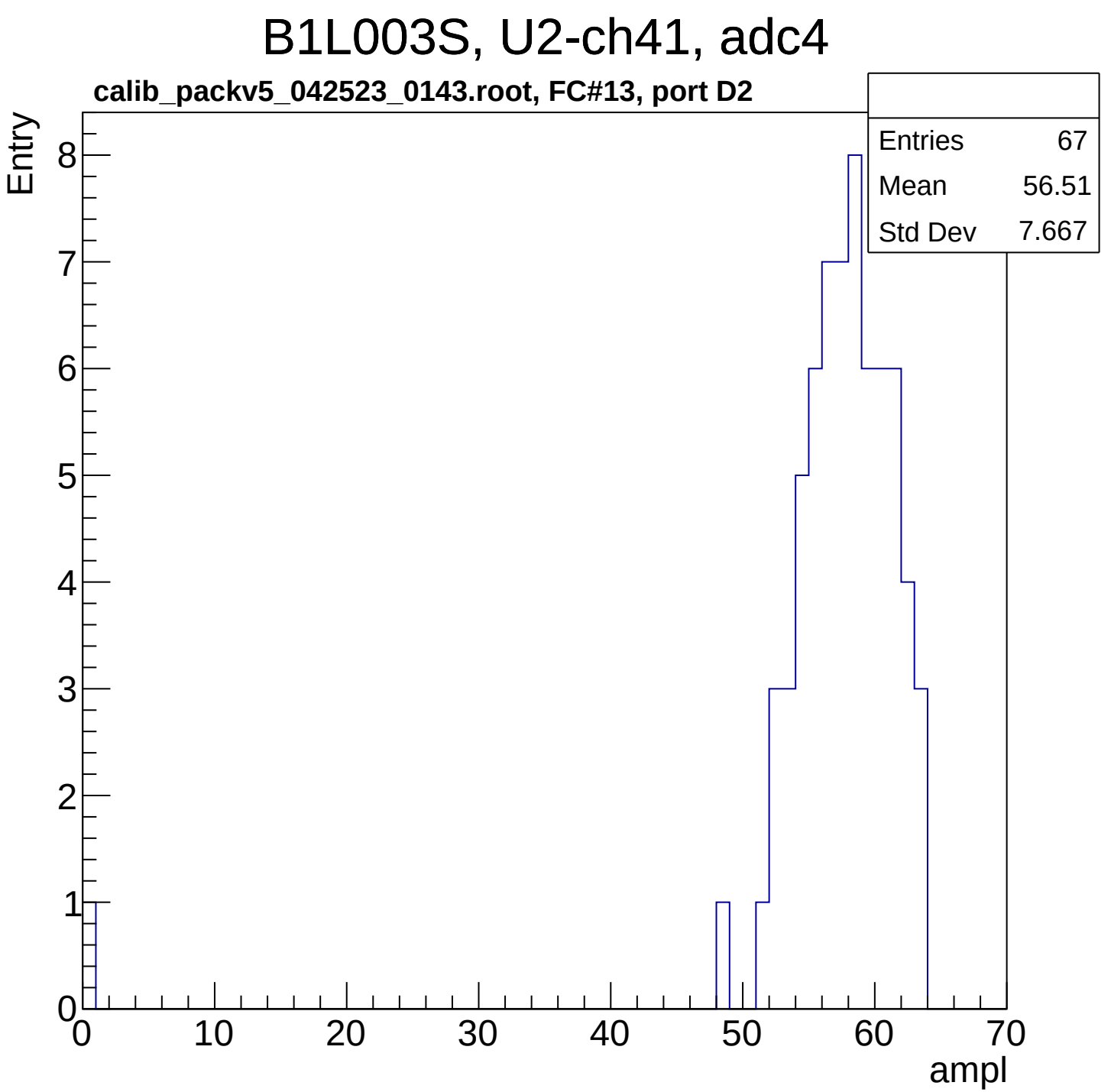
ampl


B1L003S, U2-ch41, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 56.51
Std Dev 7.667
Entry
ampl
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1
2
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50
60
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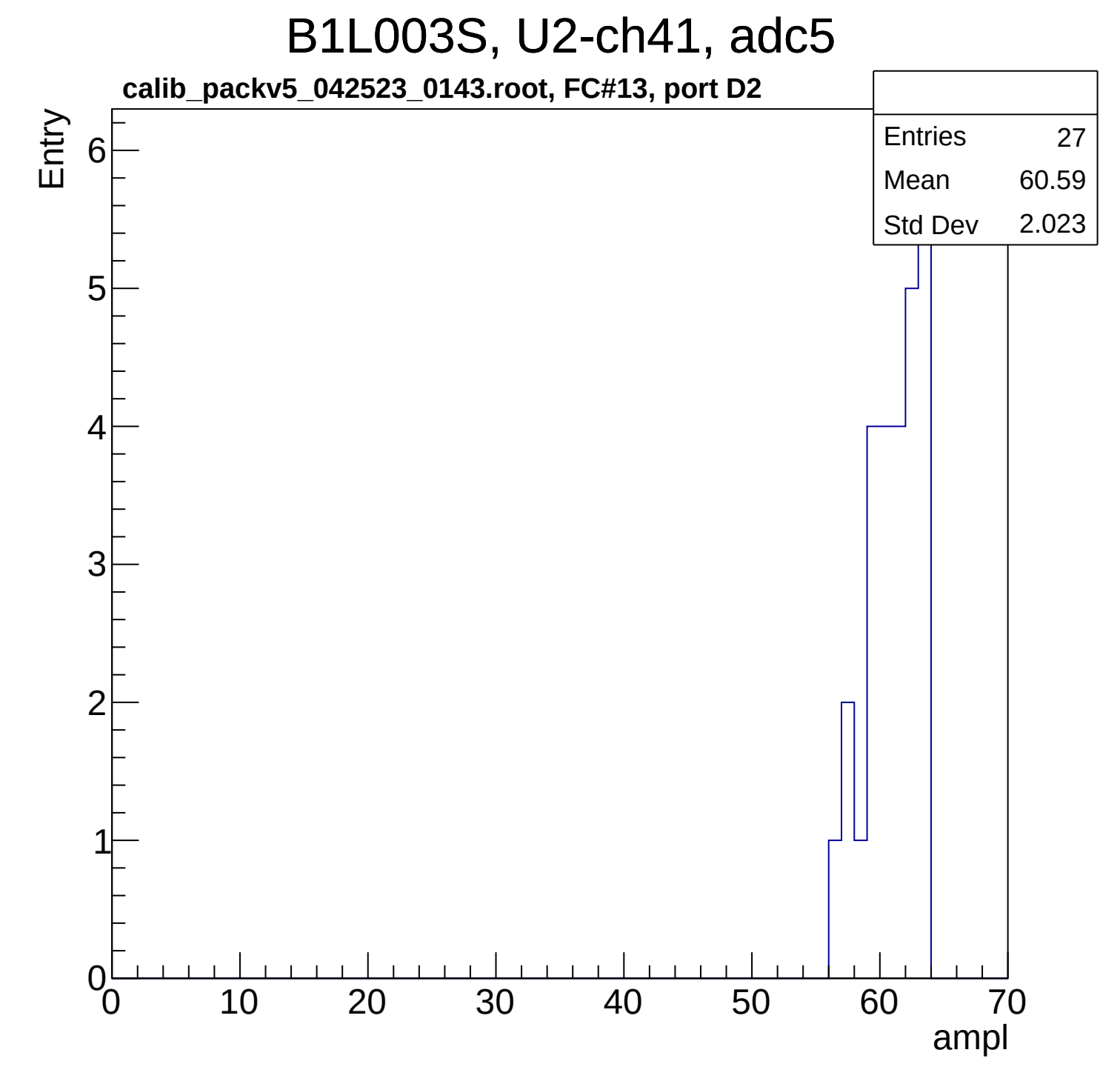
B1L003S, U2-ch41, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 27
Mean 60.59
Std Dev 2.023
Entry
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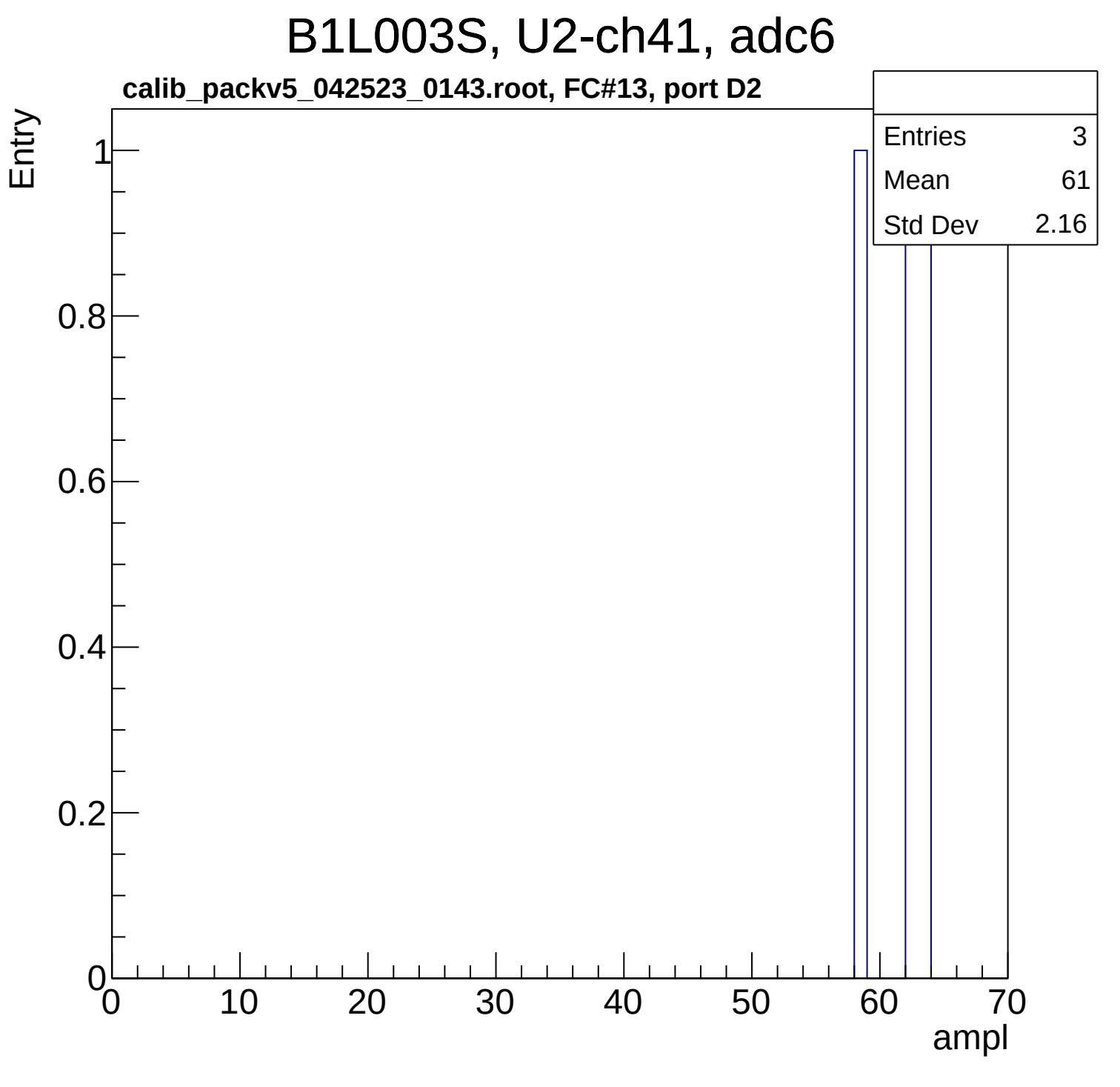
70
ampl


B1L003S, U2-ch41, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 61
Std Dev 2.16
Entry
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0.4
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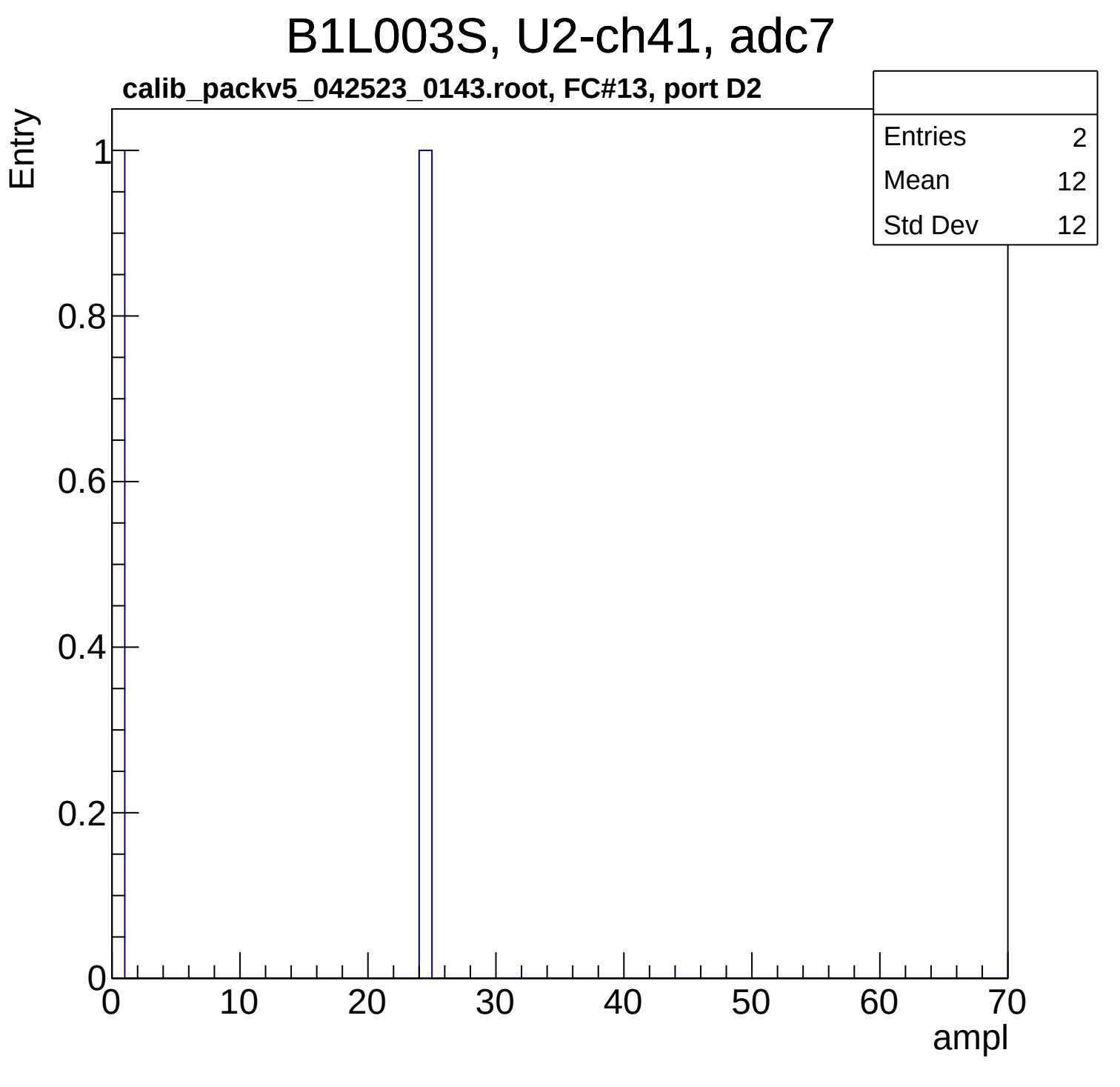
70
ampl


B1L003S, U2-ch41, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12
Std Dev 12
Entry
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0.6
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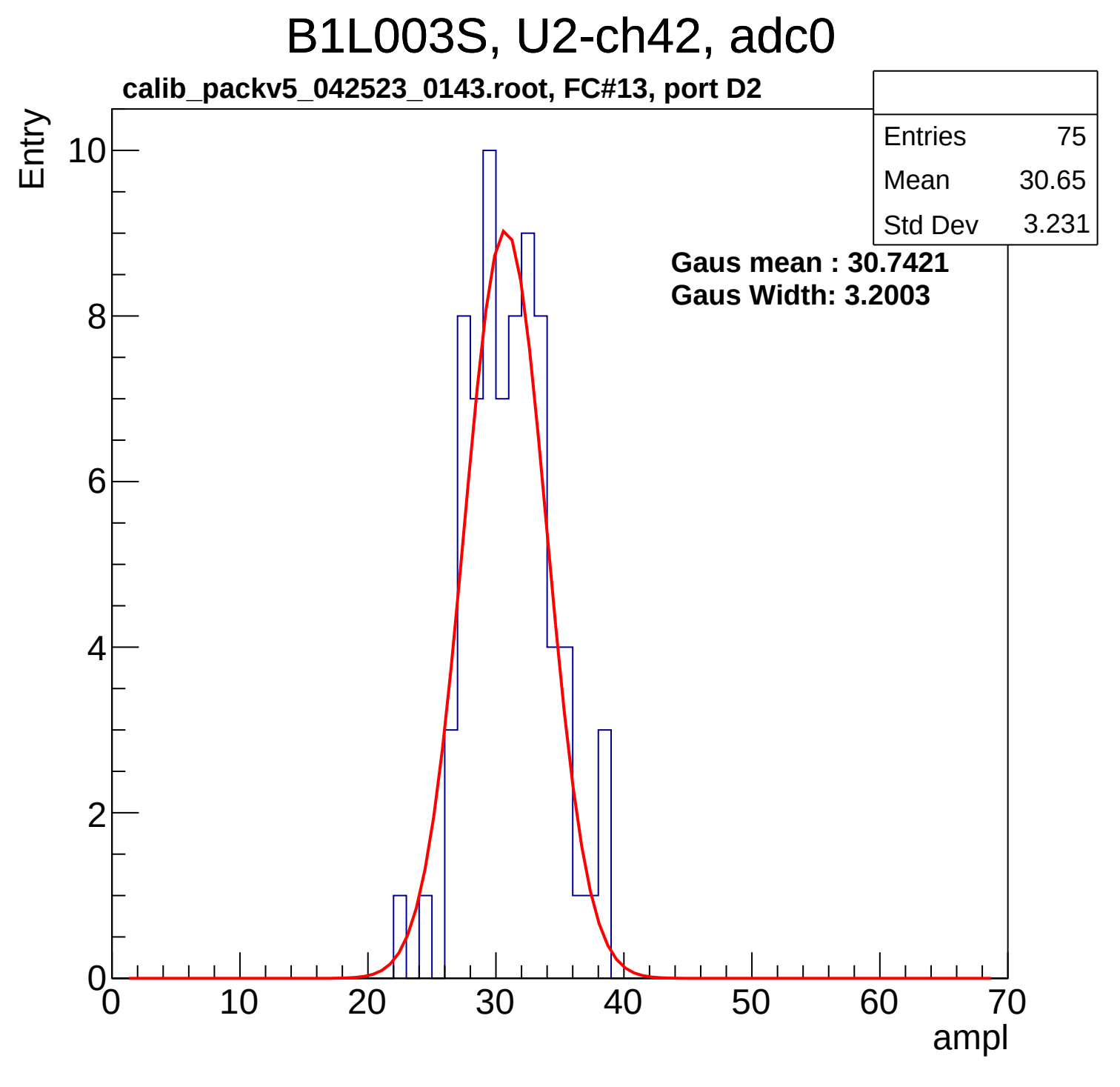
70
ampl


B1L003S, U2-ch42, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 30.65
Std Dev 3.231
Gaus mean : 30.7421
Gaus Width: 3.2003
Entry
ampl
0
2
4
6
8
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0
10
20
30
40
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60
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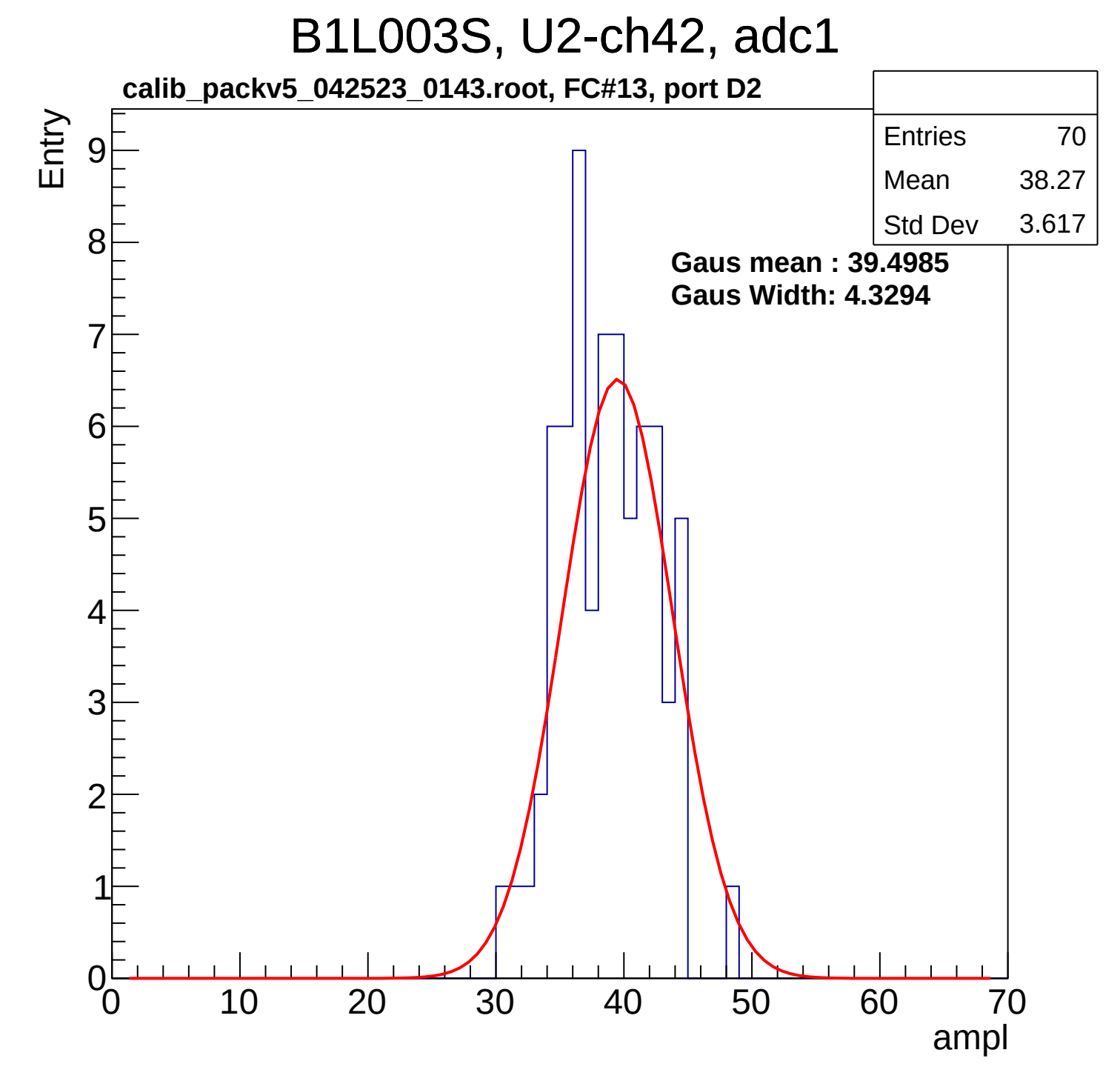
B1L003S, U2-ch42, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 38.27
Std Dev 3.617
Gaus mean : 39.4985
Gaus Width: 4.3294
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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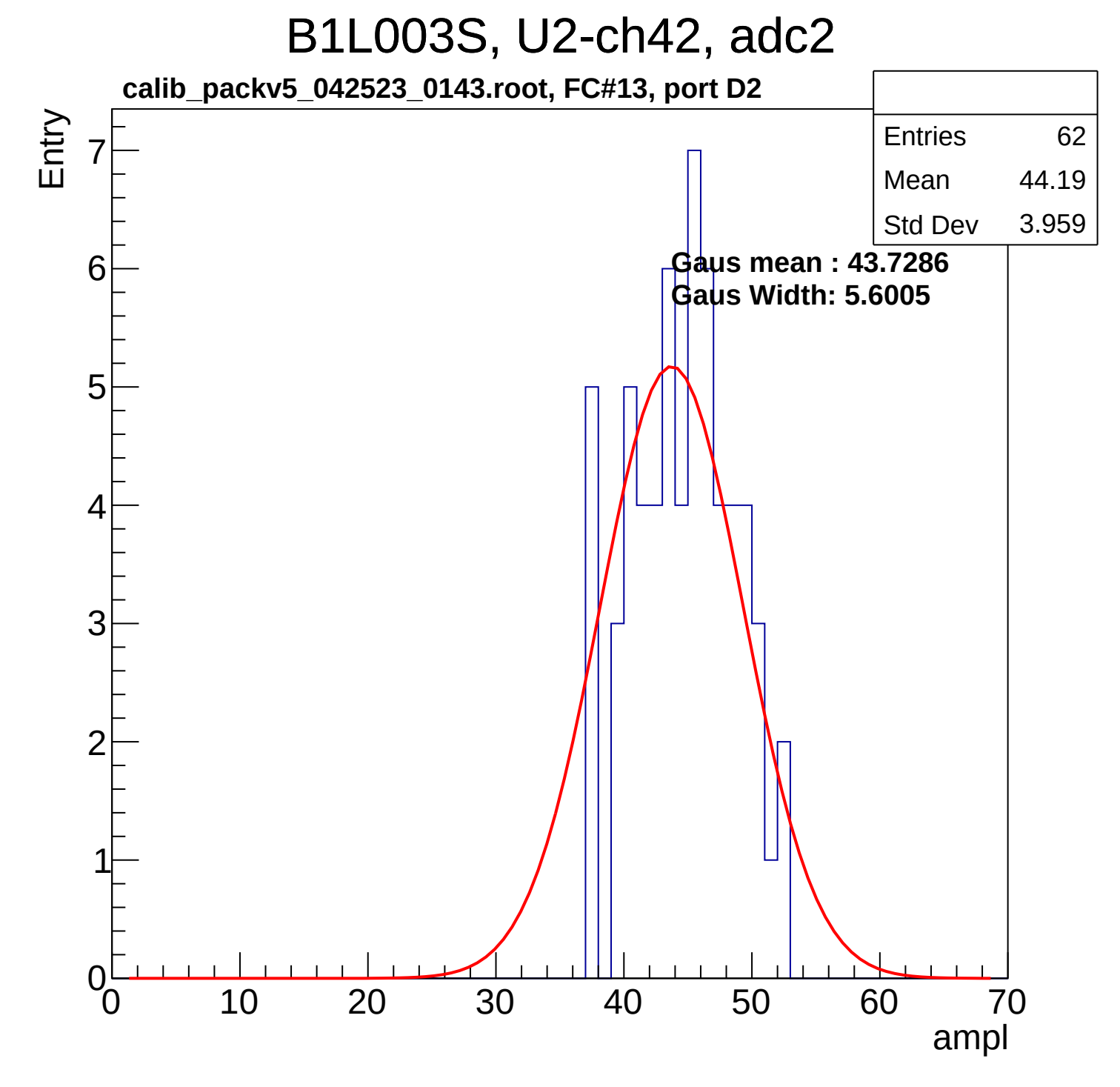
B1L003S, U2-ch42, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 44.19
Std Dev 3.959
Gaus mean : 43.7286
Gaus Width: 5.6005
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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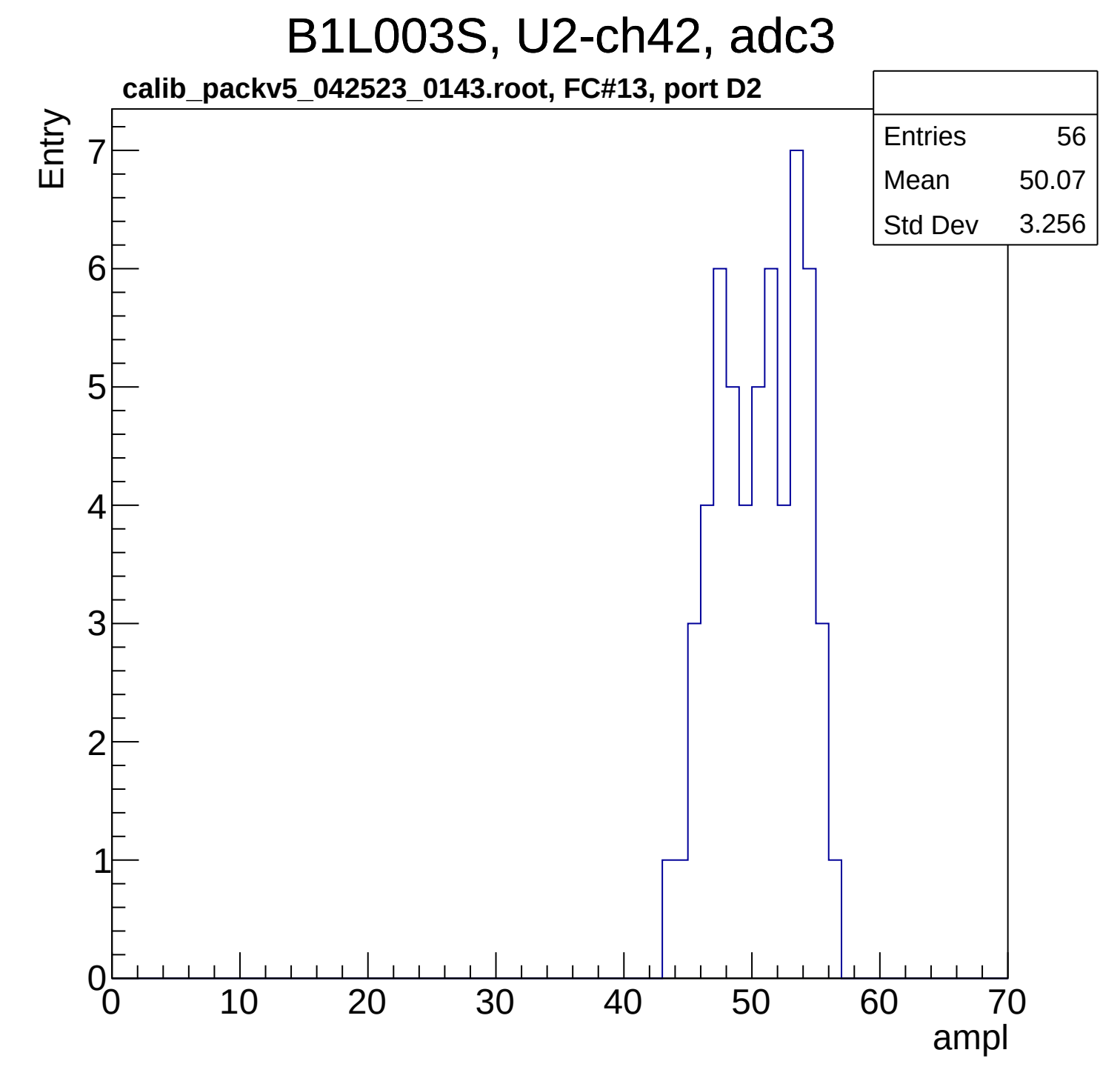
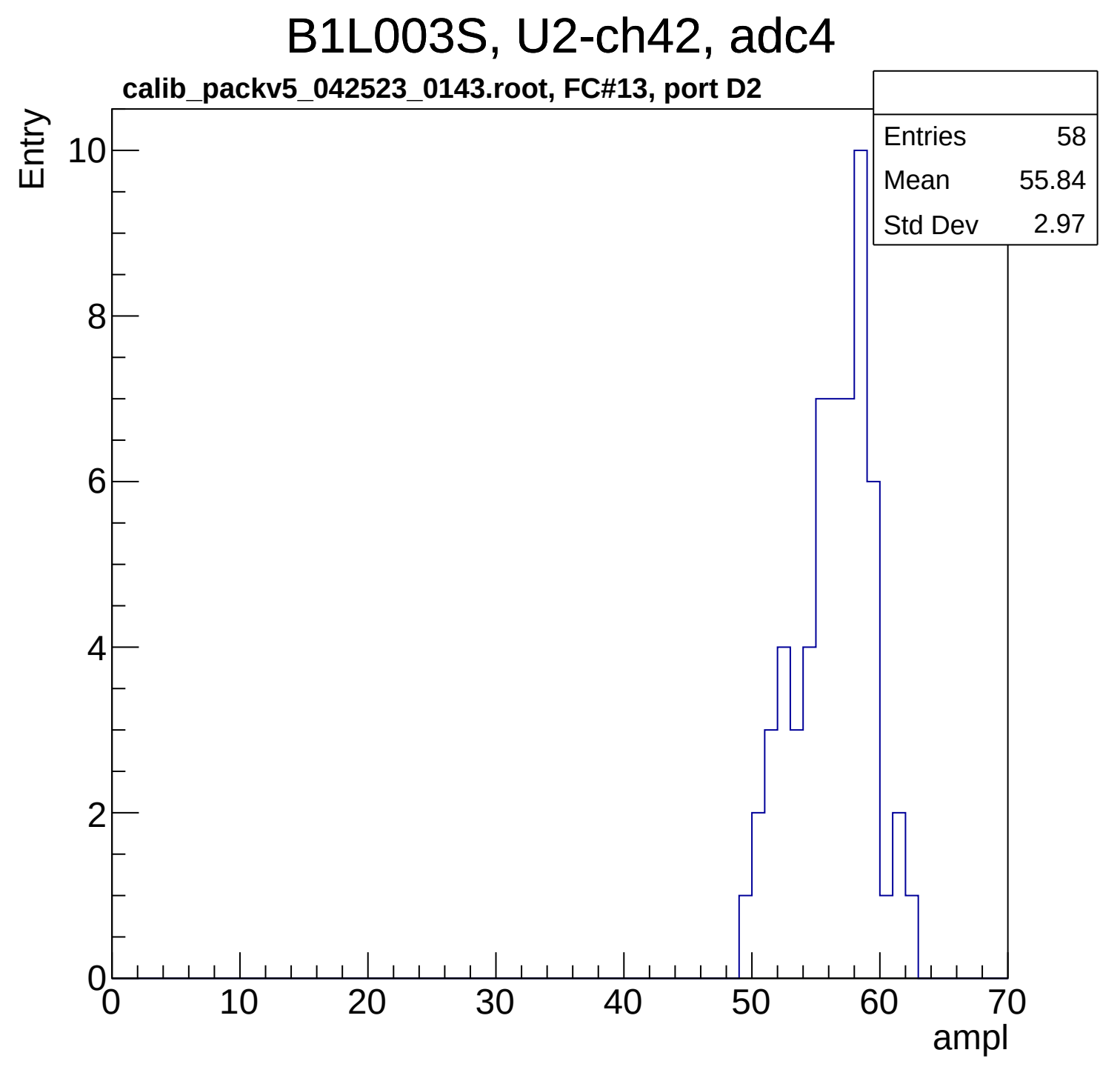
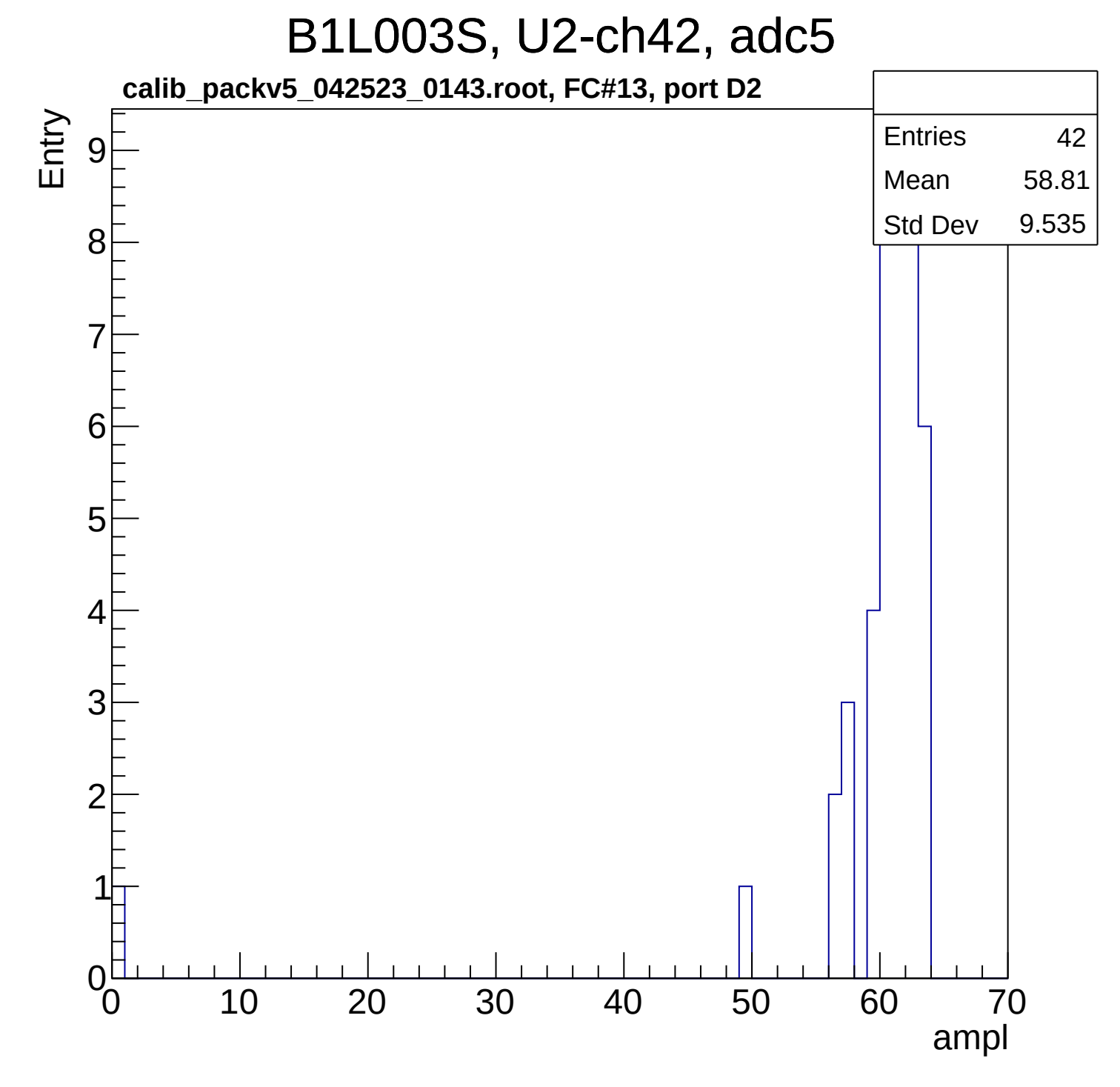
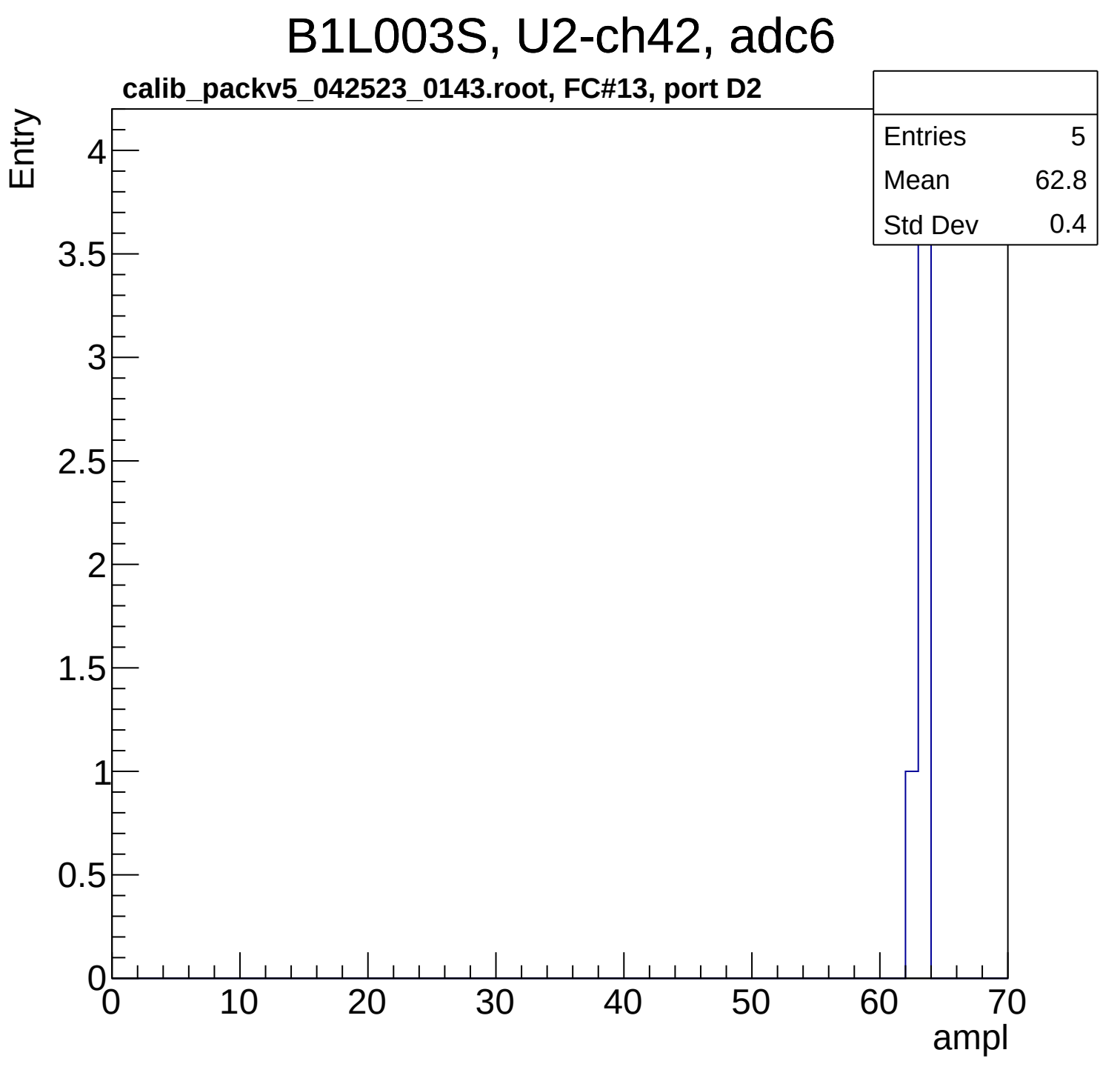
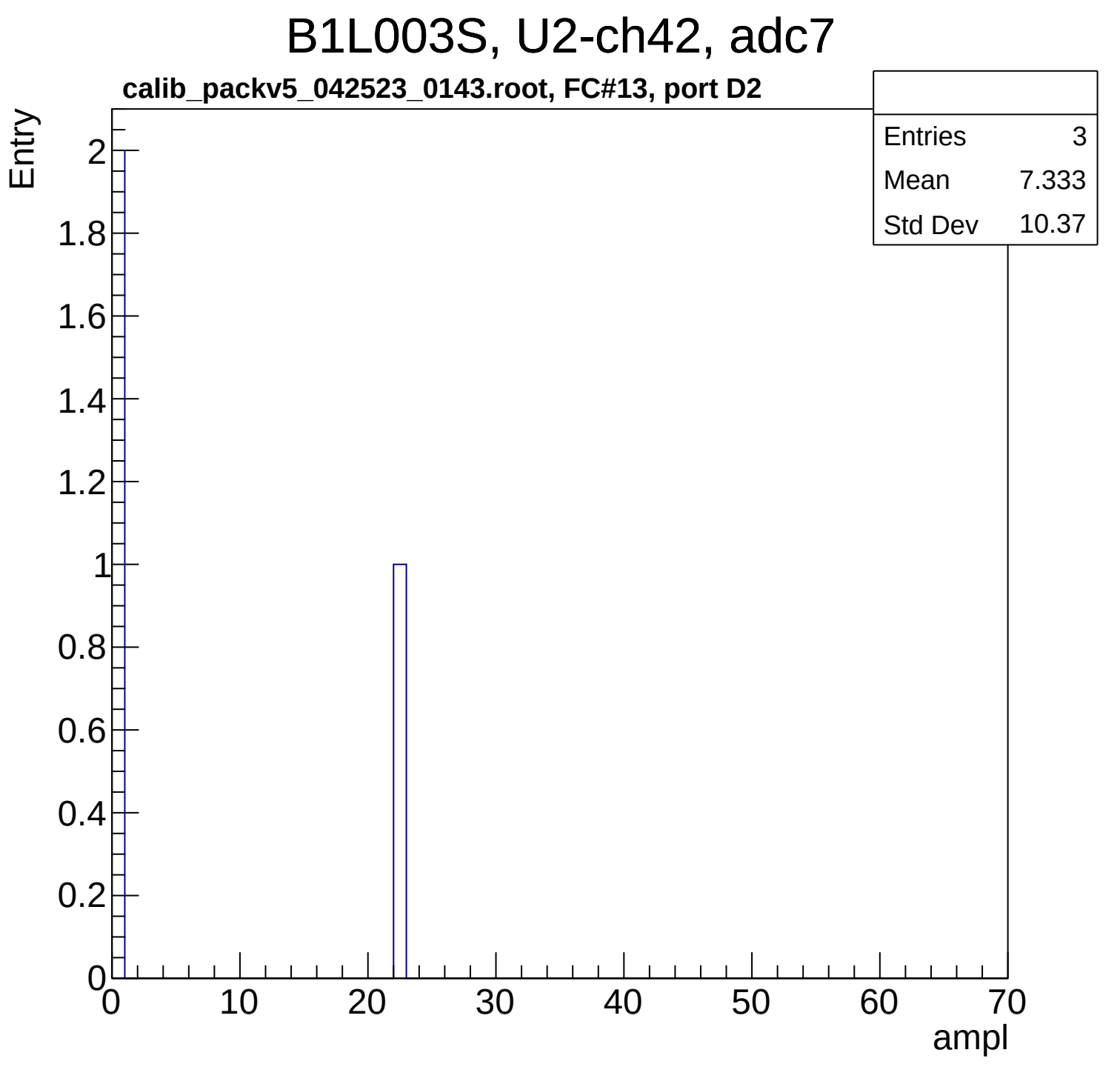
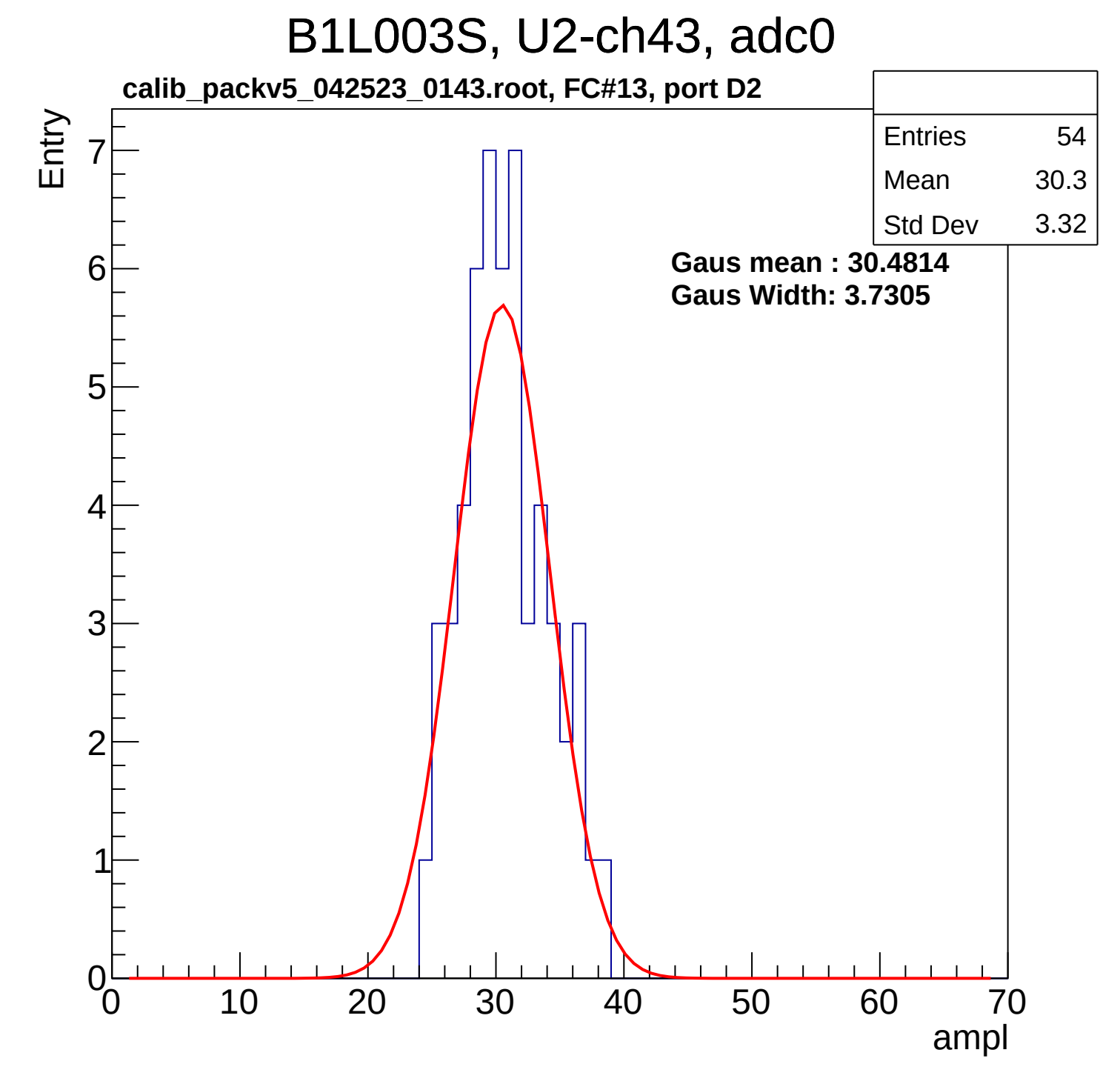

B1L003S, U2-ch42, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 50.07
Std Dev 3.256
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U2-ch42, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 55.84
Std Dev 2.97
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch42, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 58.81
Std Dev 9.535
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch42, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.8
Std Dev 0.4
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch42, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U2-ch43, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 30.3
Std Dev 3.32
Gaus mean : 30.4814
Gaus Width: 3.7305
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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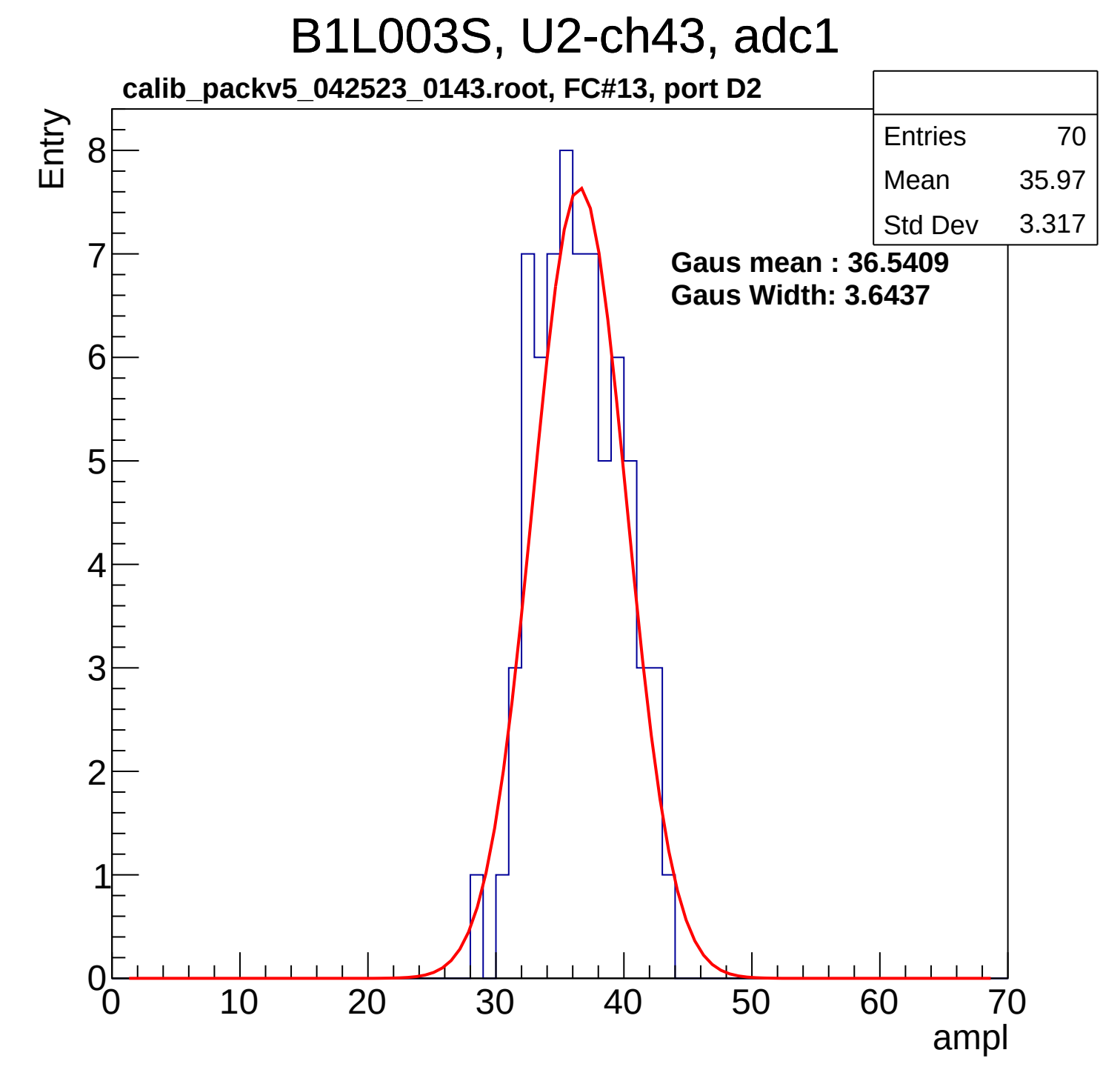
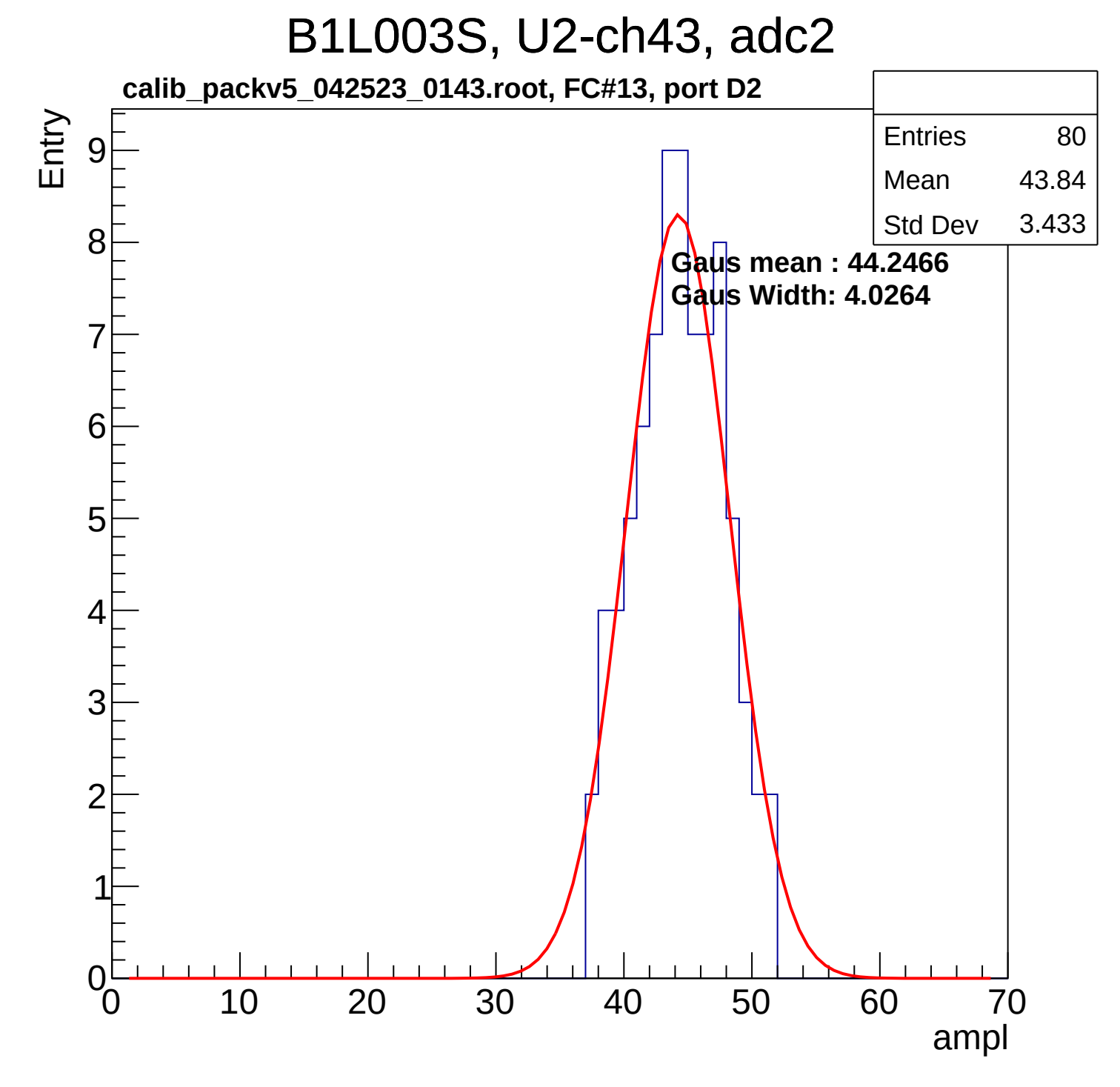

B1L003S, U2-ch43, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 35.97
Std Dev 3.317
Gaus mean : 36.5409
Gaus Width: 3.6437
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch43, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 43.84
Std Dev 3.433
Gaus mean : 44.2466
Gaus Width: 4.0264
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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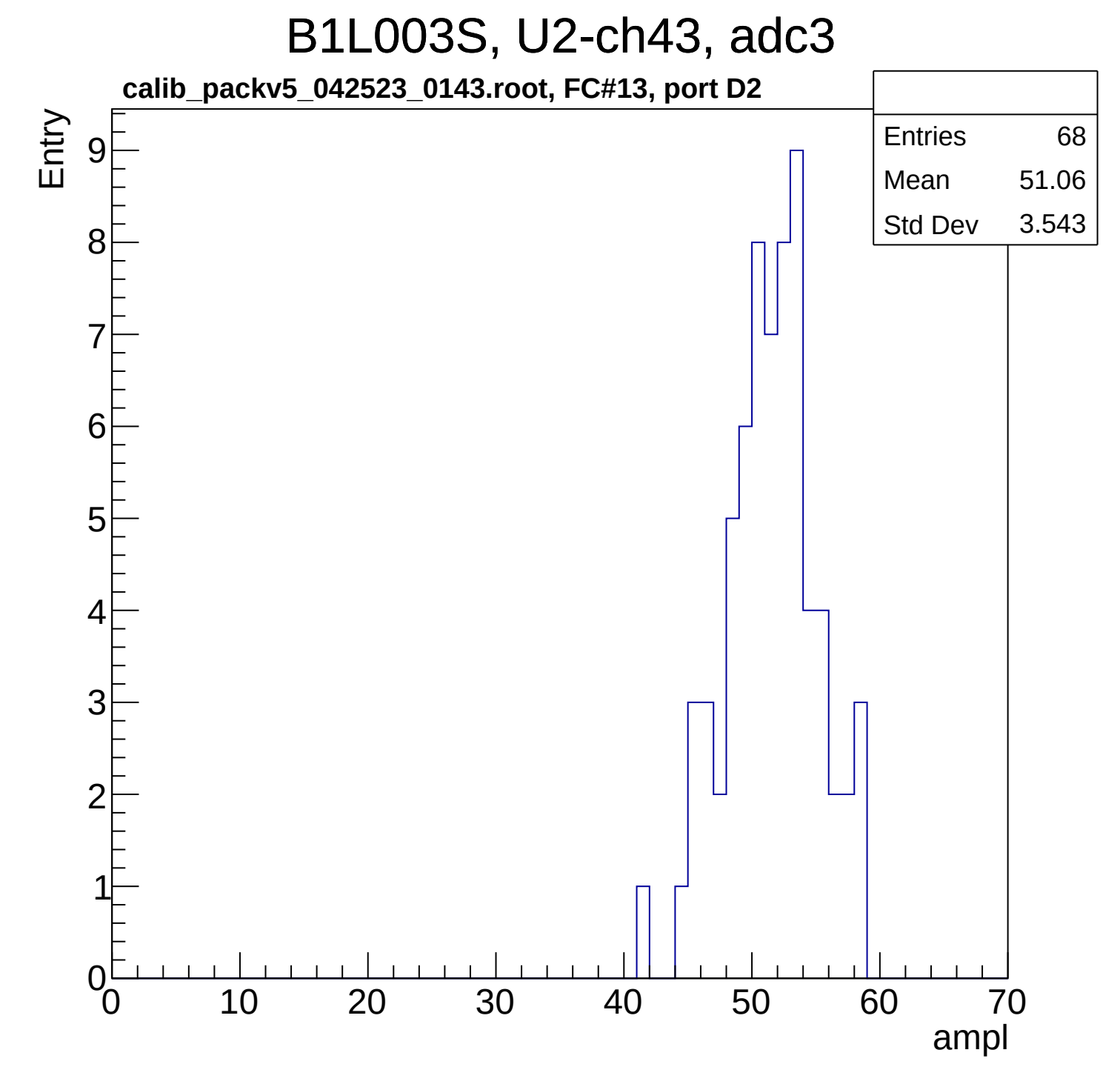
B1L003S, U2-ch43, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 51.06
Std Dev 3.543
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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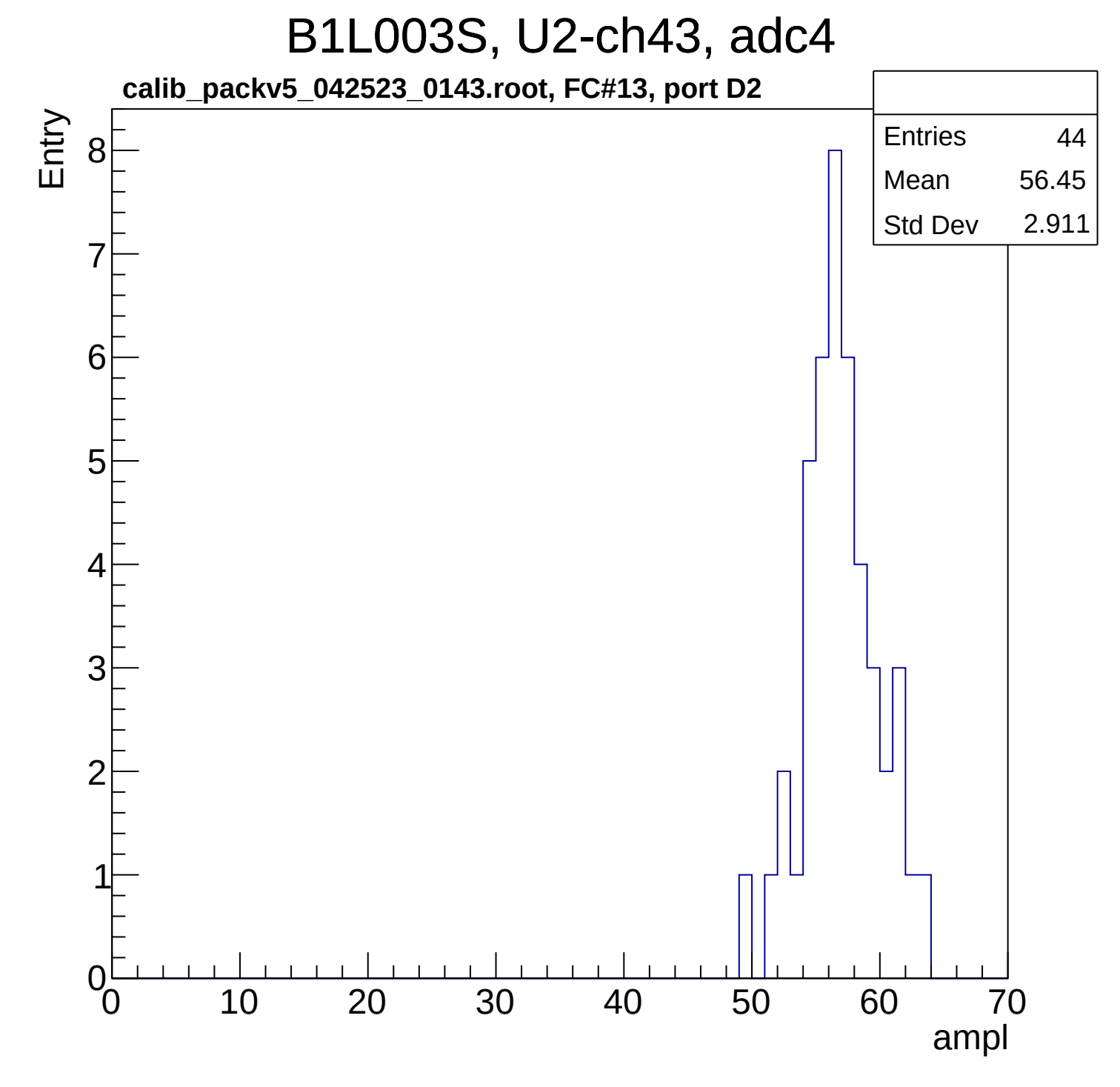
60
70


B1L003S, U2-ch43, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 56.45
Std Dev 2.911
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
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60
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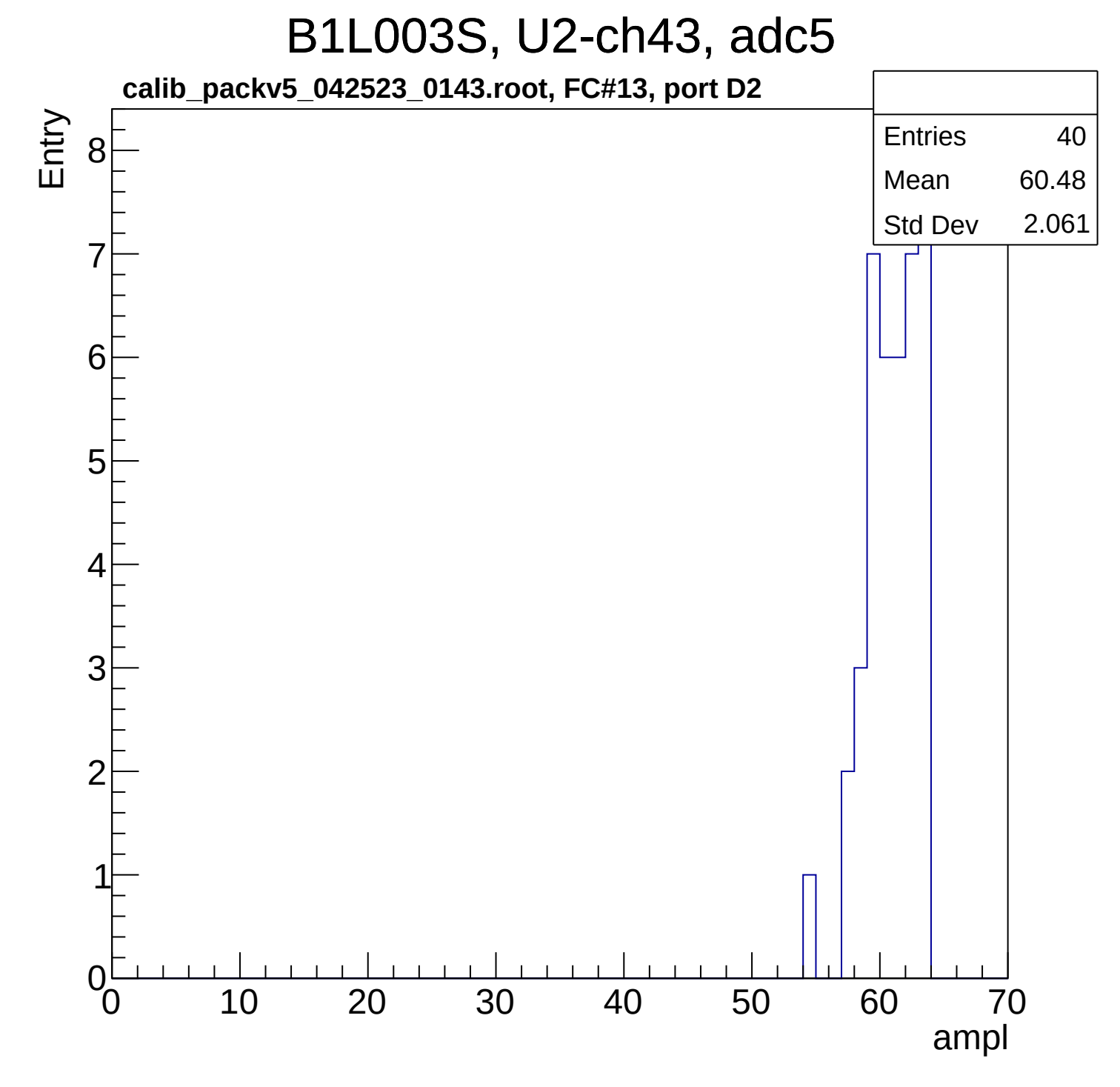
B1L003S, U2-ch43, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 60.48
Std Dev 2.061
Entry
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2
3
4
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6
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20
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50
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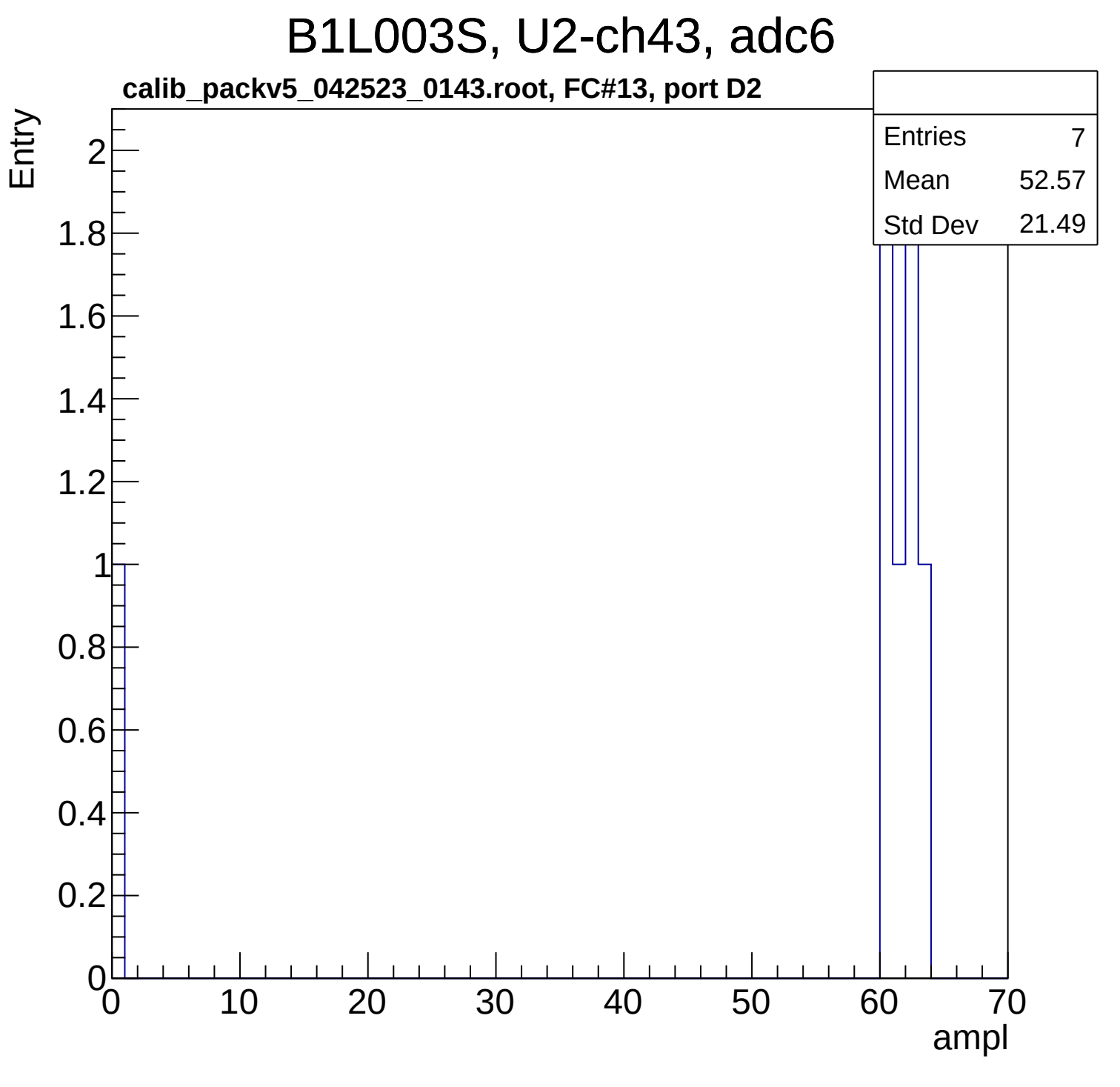
70
ampl


B1L003S, U2-ch43, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 52.57
Std Dev 21.49
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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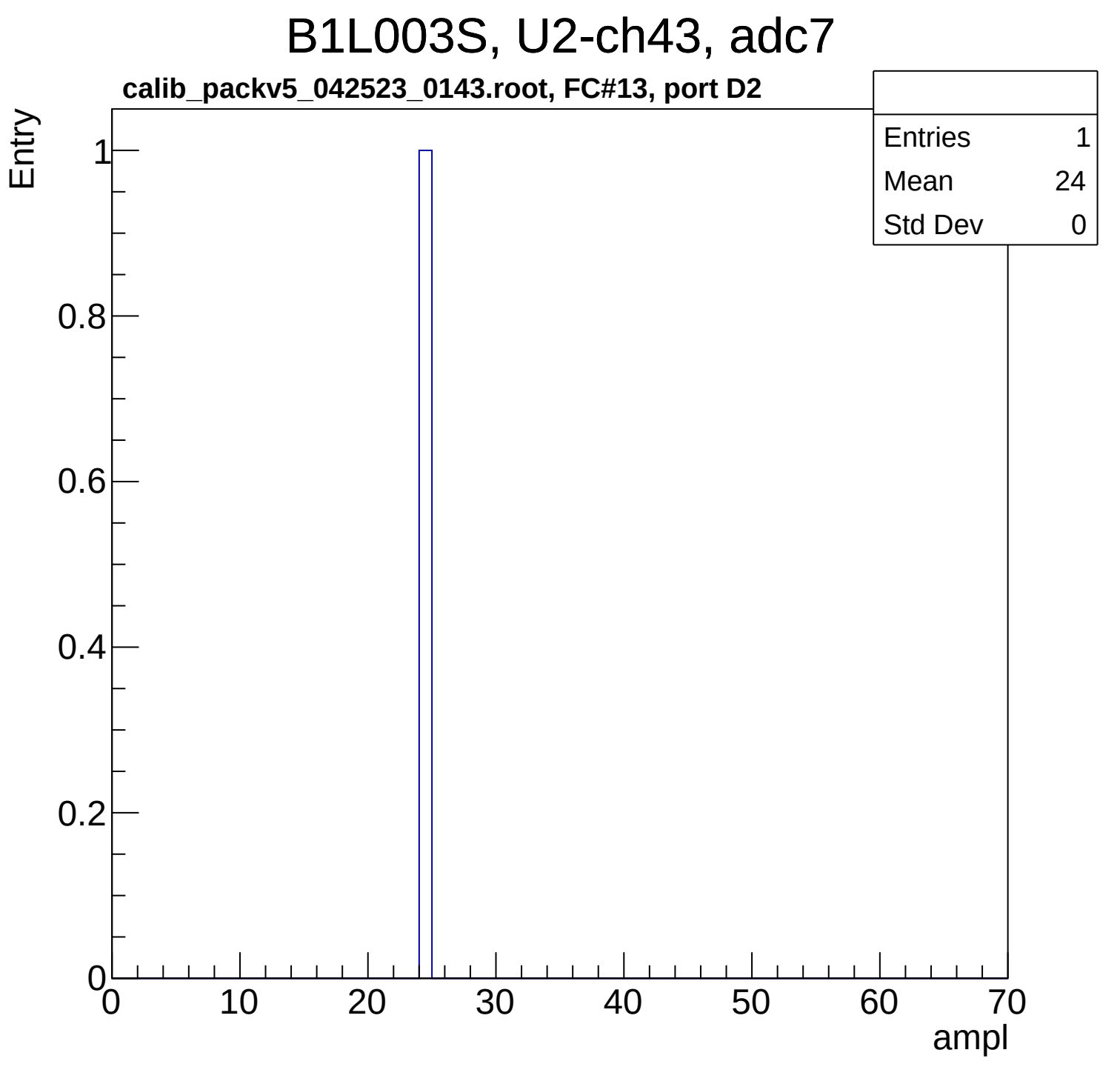
B1L003S, U2-ch43, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 24
Std Dev 0
Entry
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0.6
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0.2
0
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10
20
30
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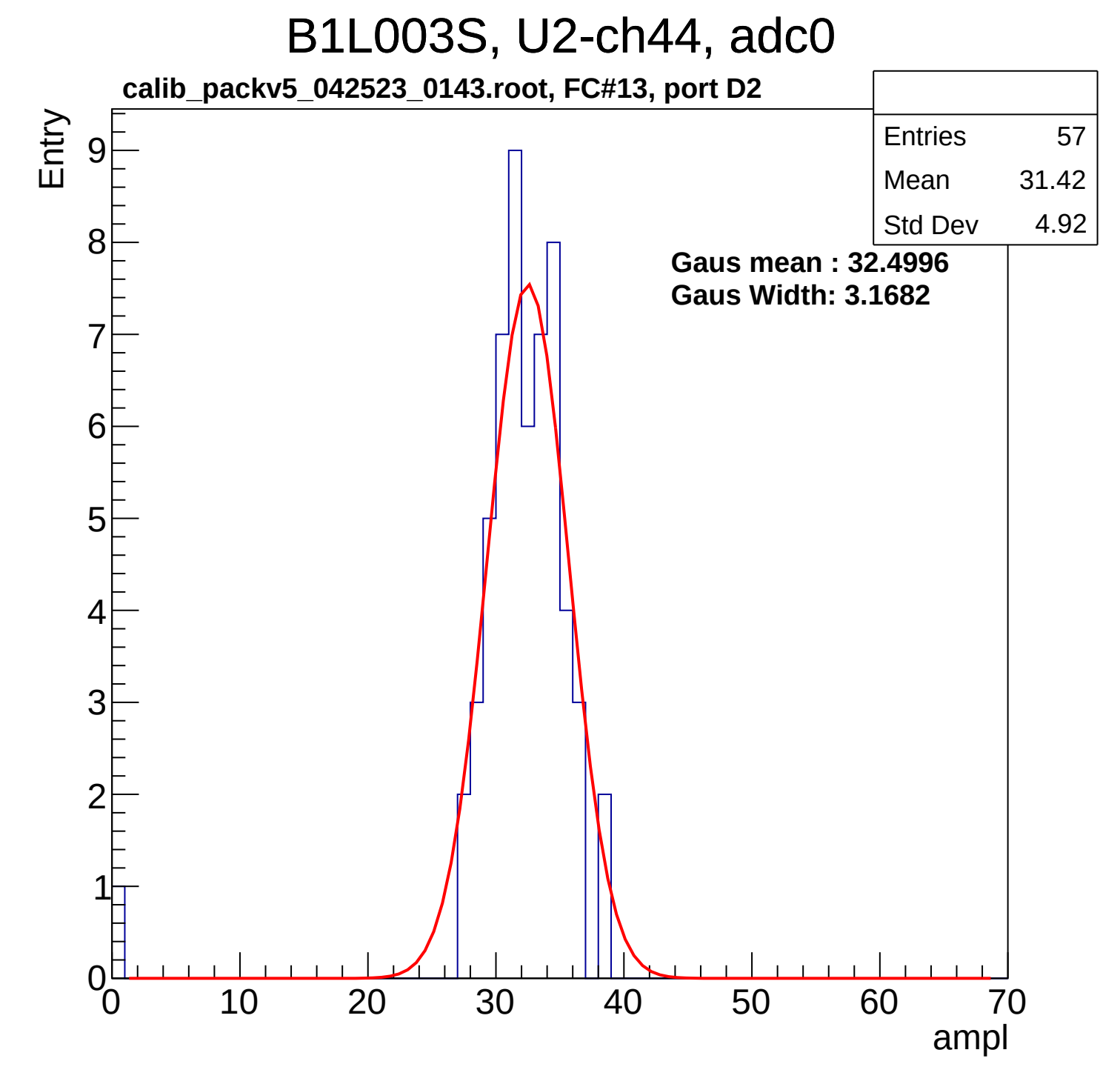
50
60
70
ampl


B1L003S, U2-ch44, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 31.42
Std Dev 4.92
Gaus mean : 32.4996
Gaus Width: 3.1682
Entry
ampl
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1
2
3
4
5
6
7
8
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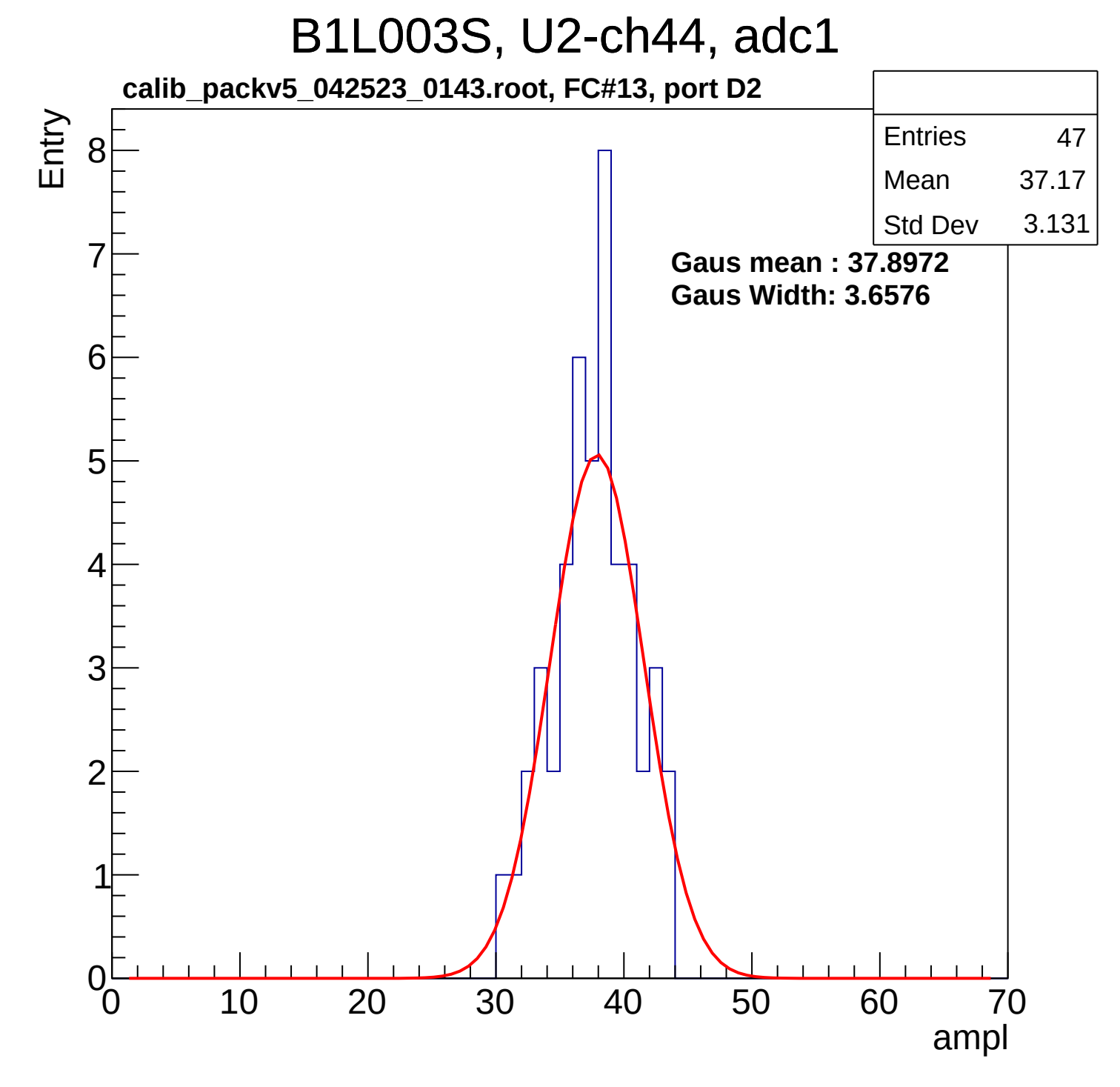
0
10
20
30
40
50
60
70


B1L003S, U2-ch44, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 37.17
Std Dev 3.131
Gaus mean : 37.8972
Gaus Width: 3.6576
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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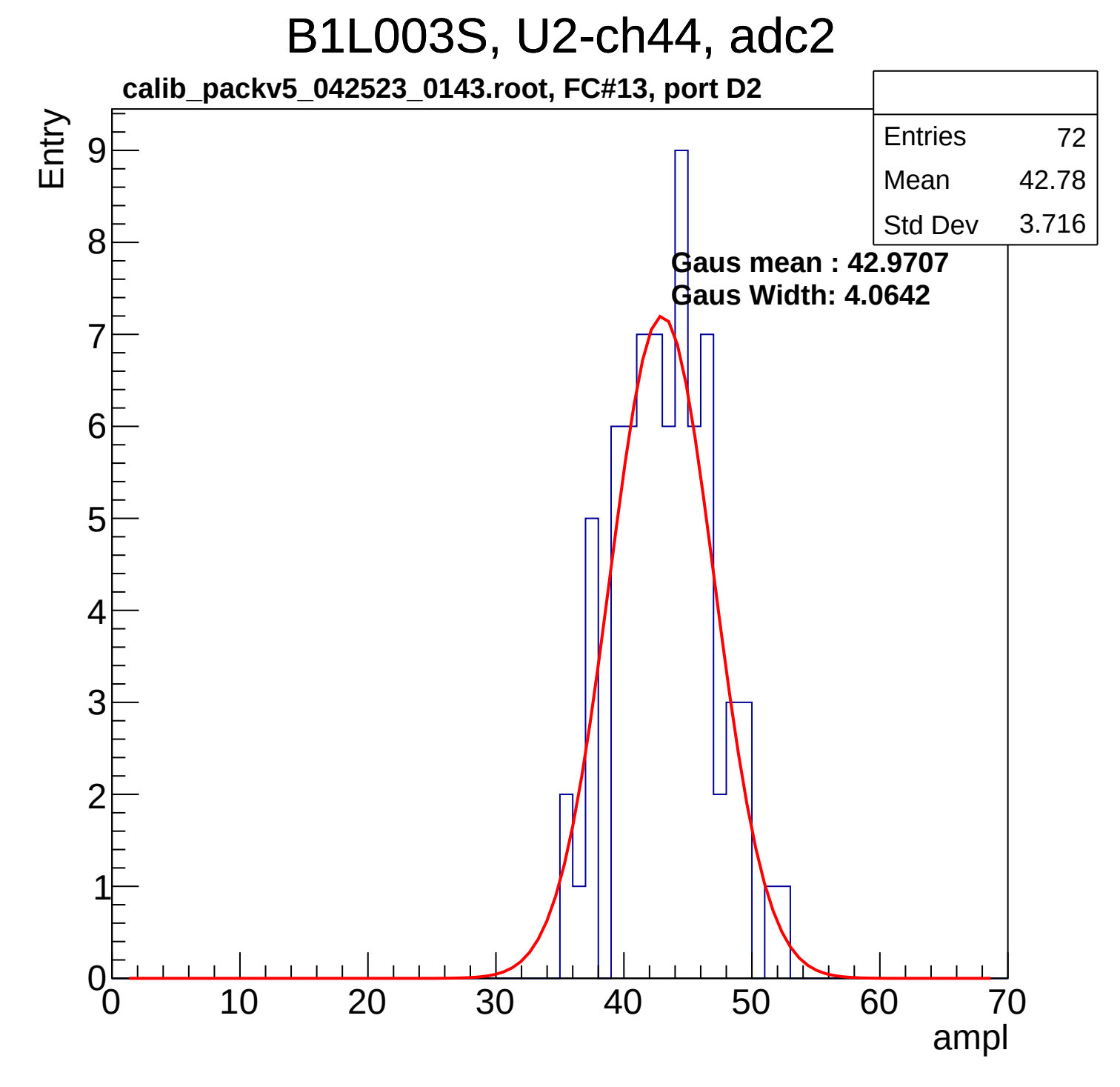
B1L003S, U2-ch44, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 42.78
Std Dev 3.716
Gaus mean : 42.9707
Gaus Width: 4.0642
Entry
ampl
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3
4
5
6
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0
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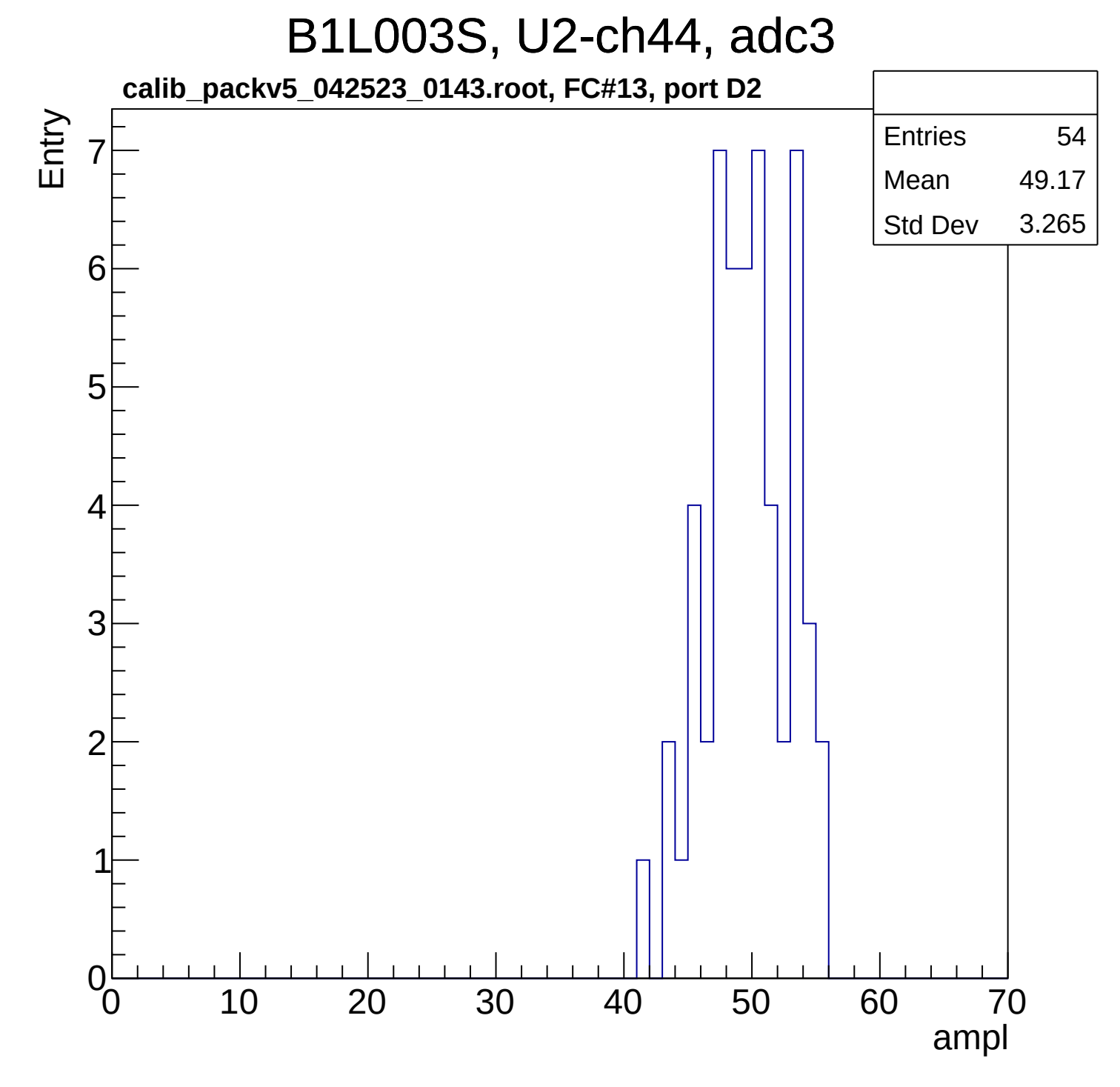
B1L003S, U2-ch44, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 49.17
Std Dev 3.265
Entry
ampl
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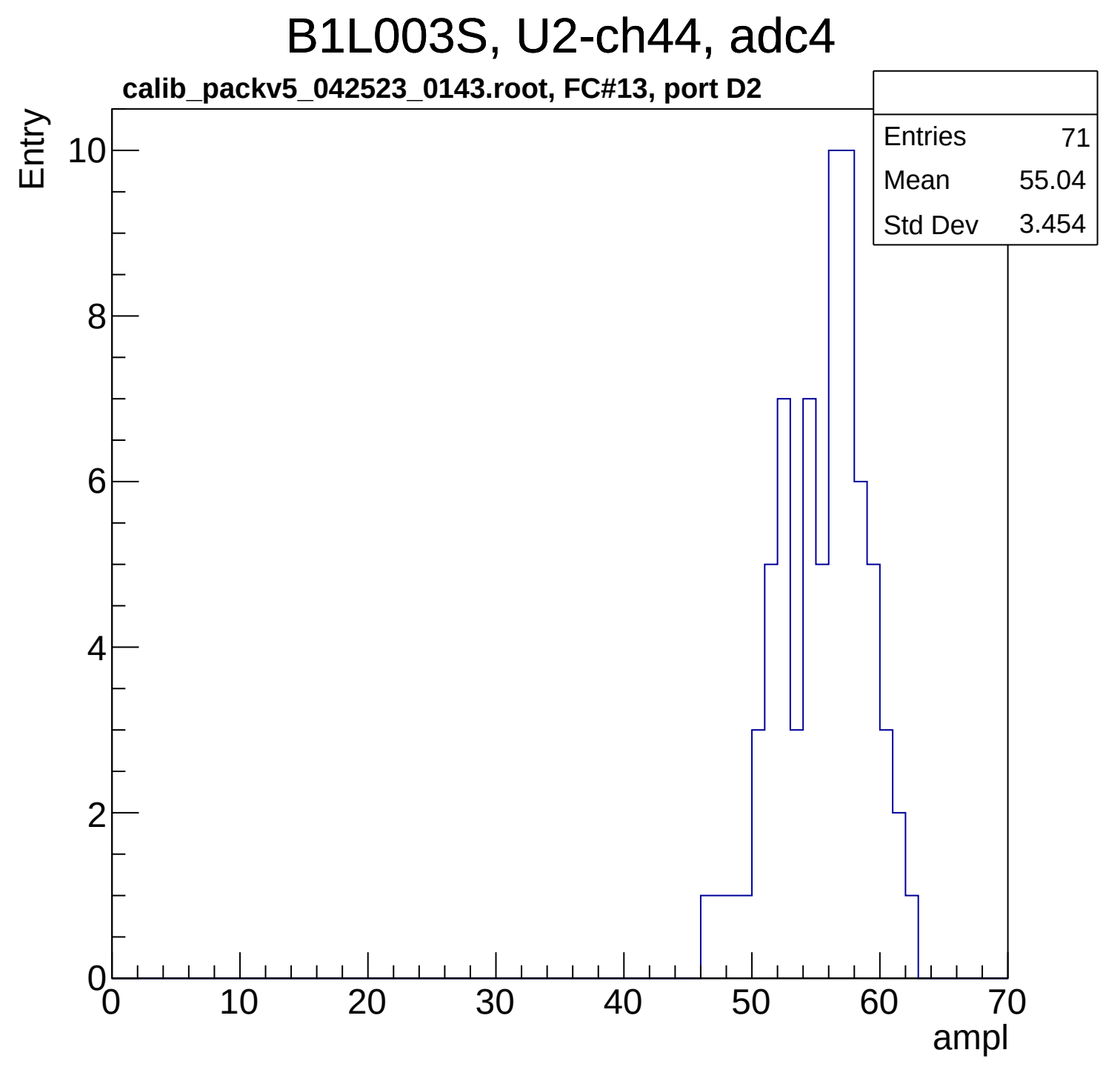
B1L003S, U2-ch44, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 55.04
Std Dev 3.454
Entry
ampl
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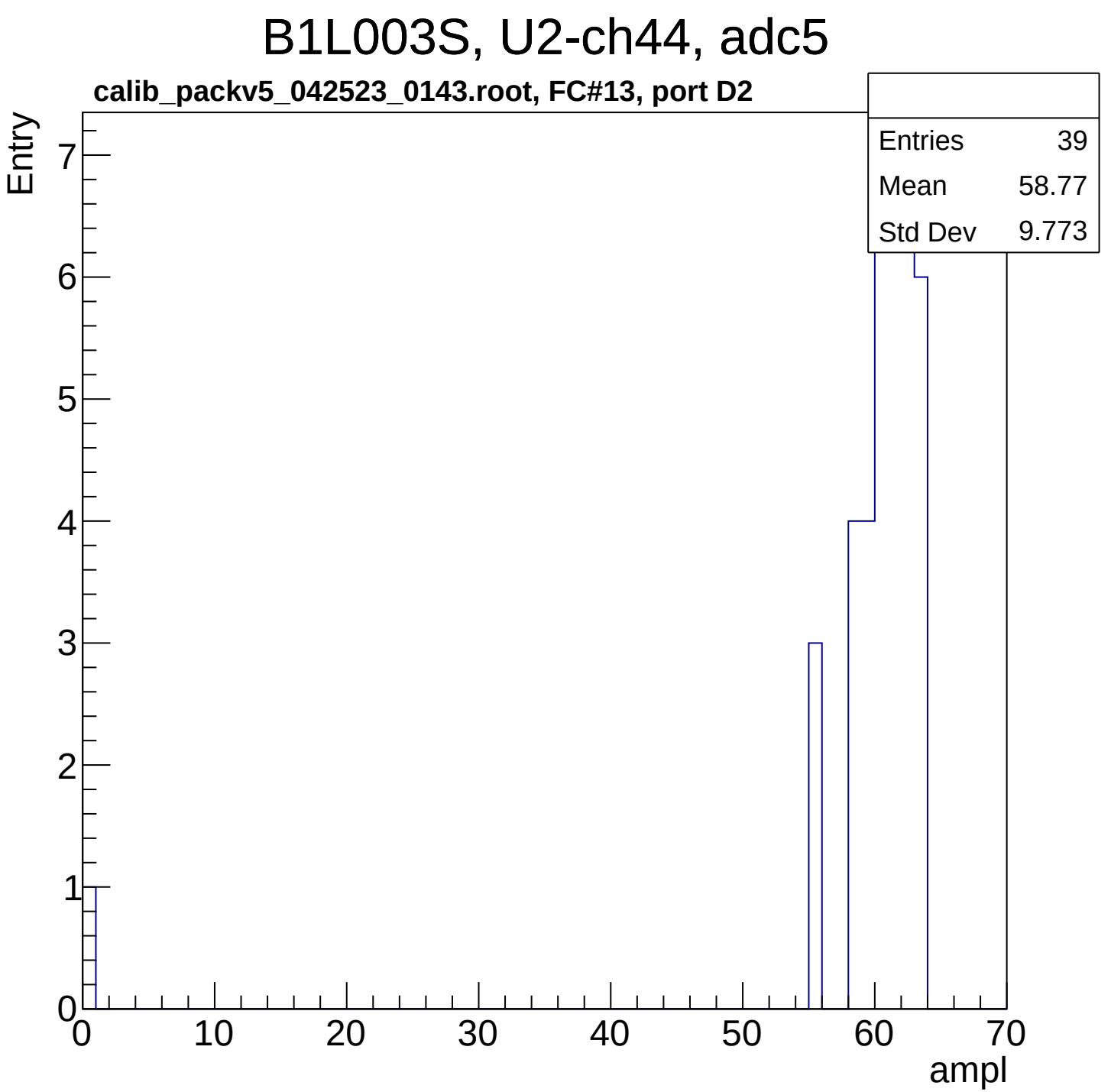
B1L003S, U2-ch44, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 58.77
Std Dev 9.773
Entry
ampl
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60
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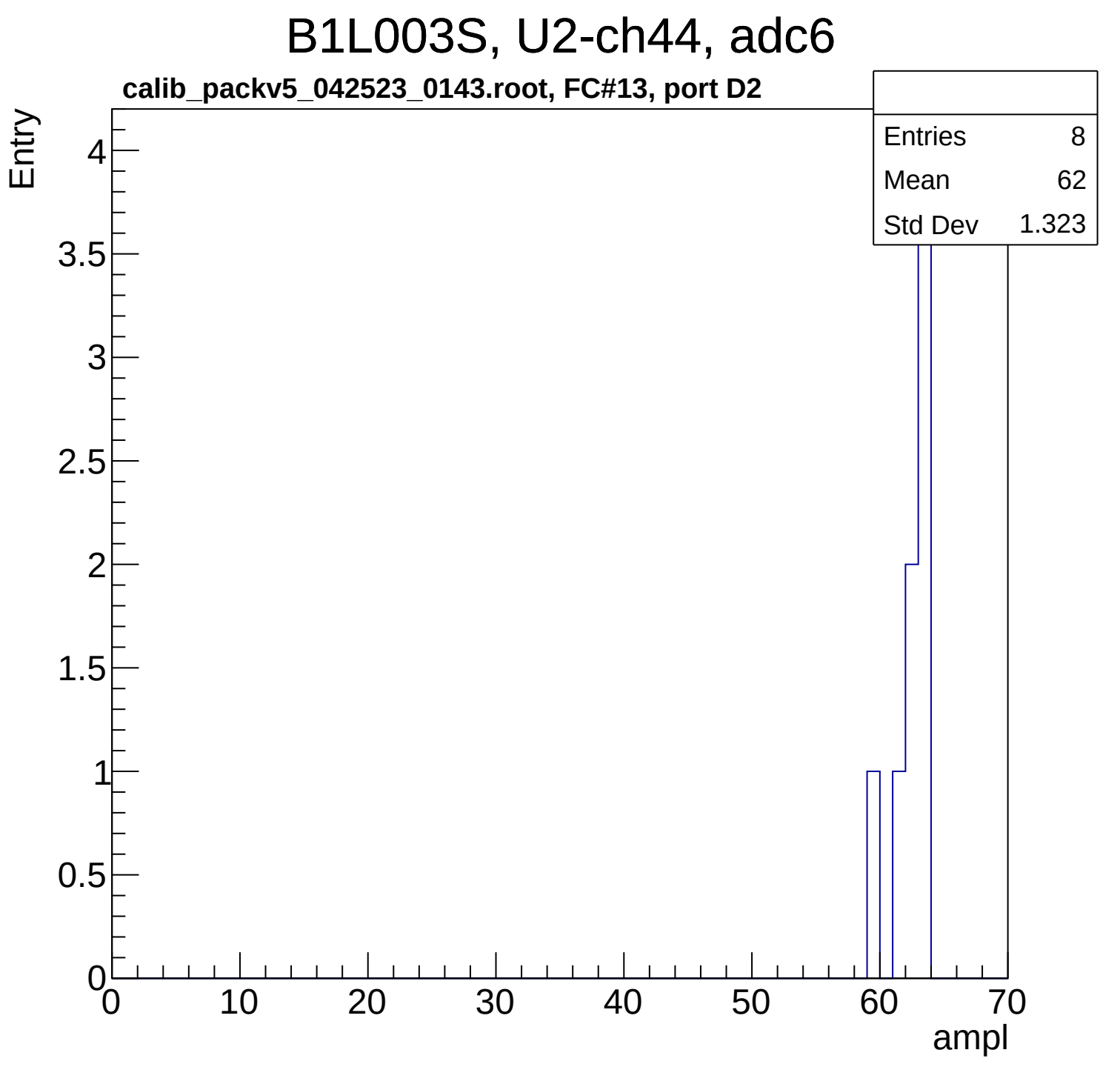
B1L003S, U2-ch44, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 62
Std Dev 1.323
Entry
ampl
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1.5
2
2.5
3
3.5
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0
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60
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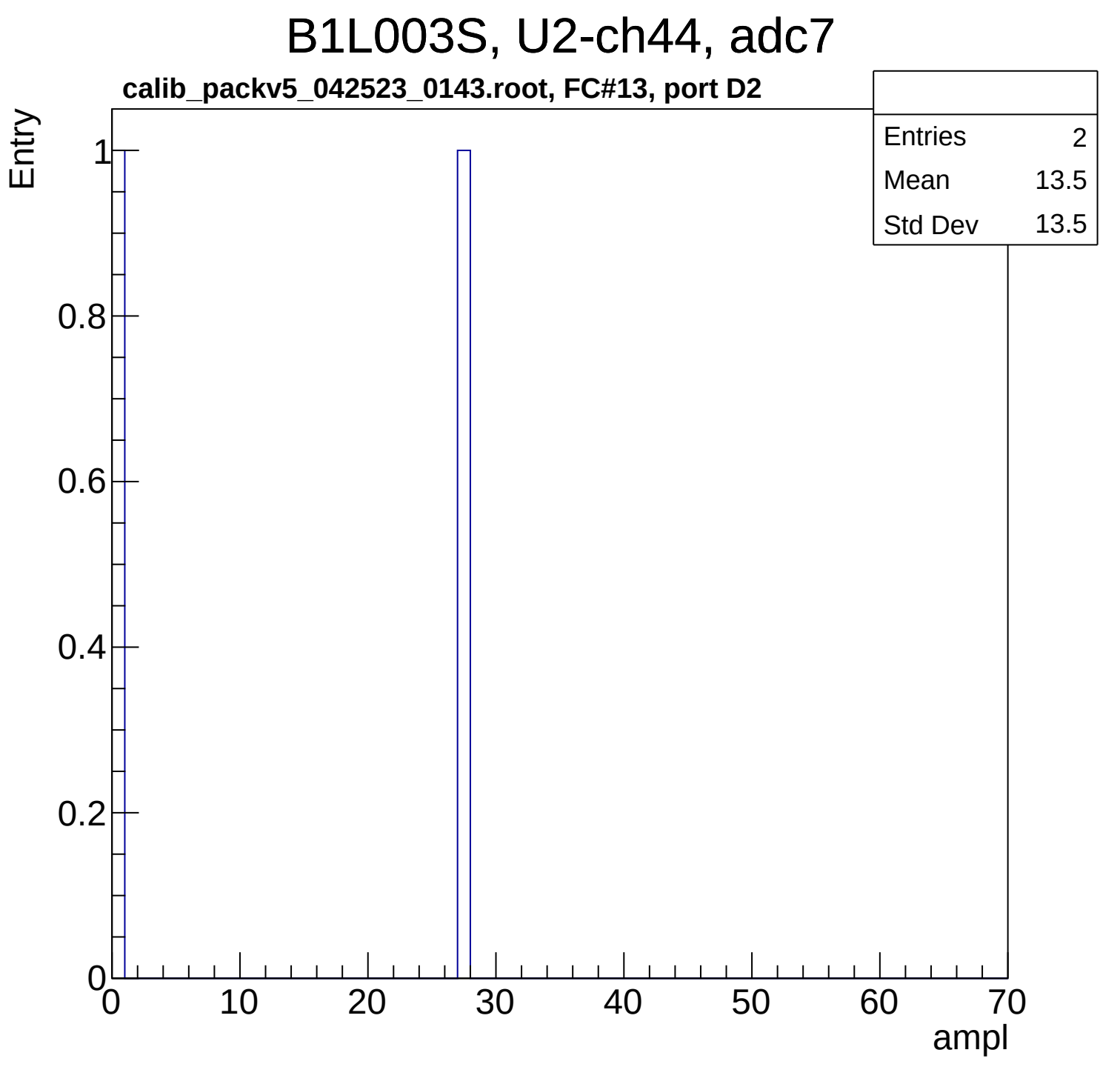
B1L003S, U2-ch44, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 13.5
Std Dev 13.5
Entry
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50
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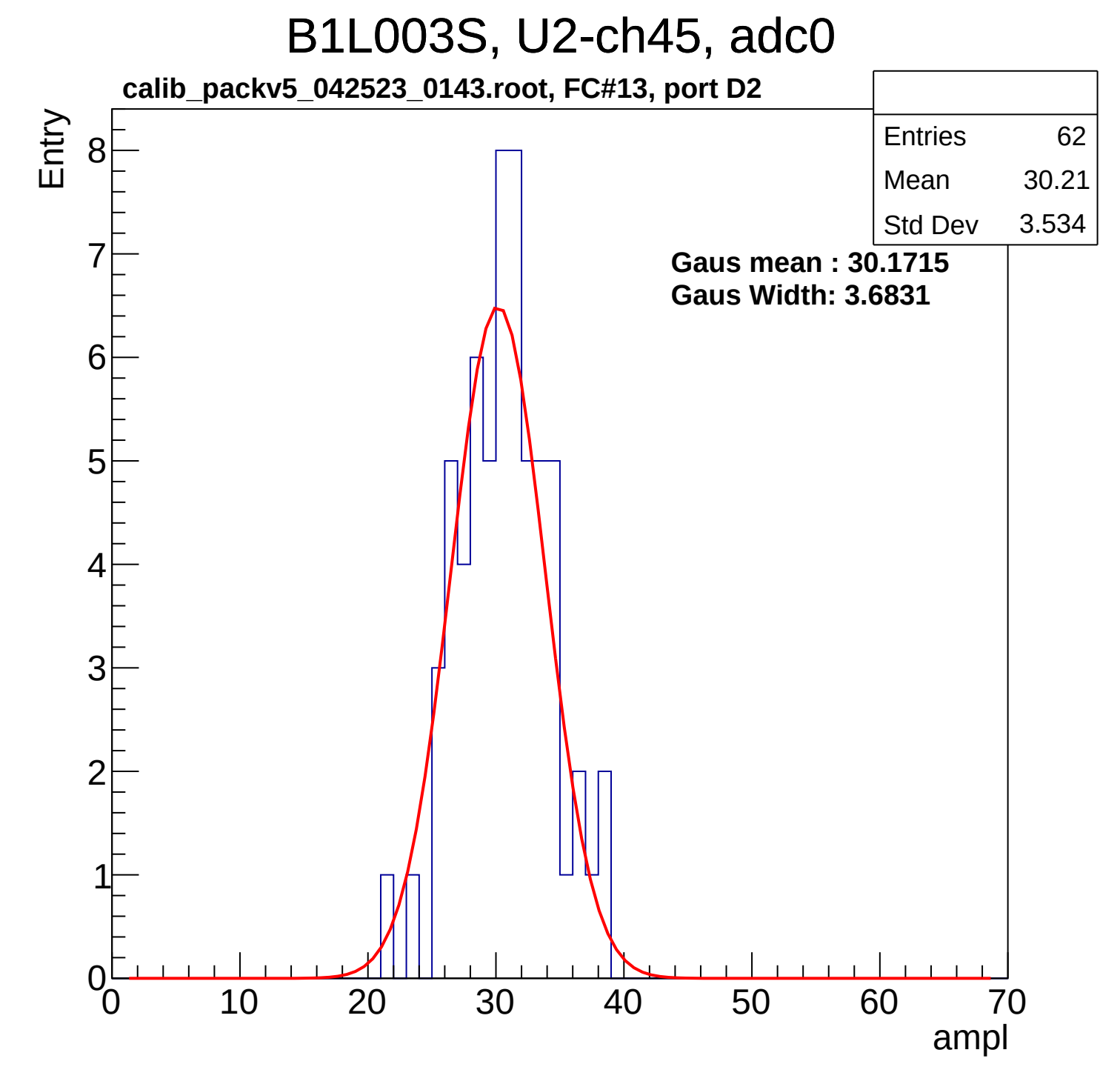
70
ampl


B1L003S, U2-ch45, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 30.21
Std Dev 3.534
Gaus mean : 30.1715
Gaus Width: 3.6831
Entry
ampl
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0
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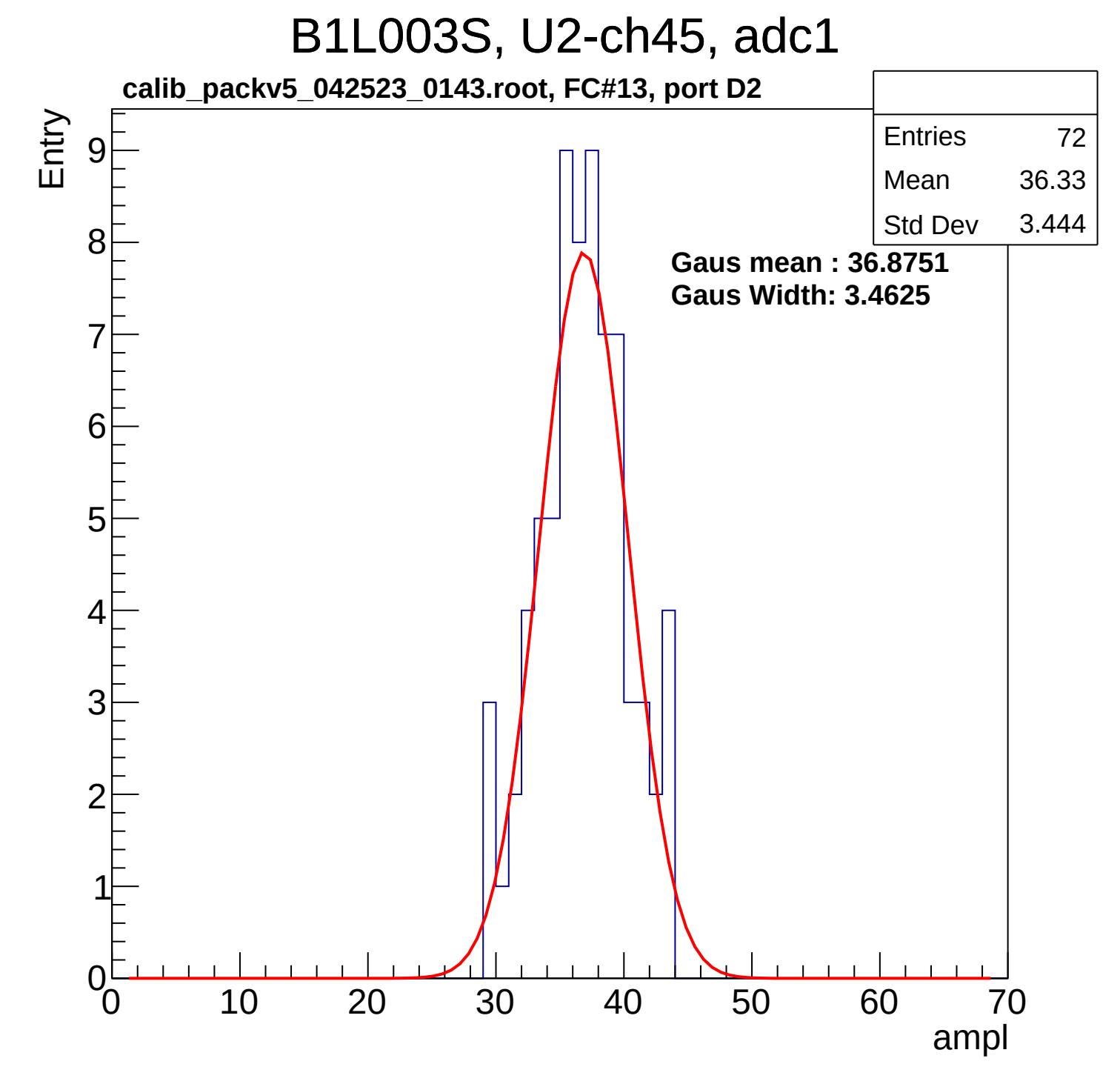
B1L003S, U2-ch45, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 36.33
Std Dev 3.444
Gaus mean : 36.8751
Gaus Width: 3.4625
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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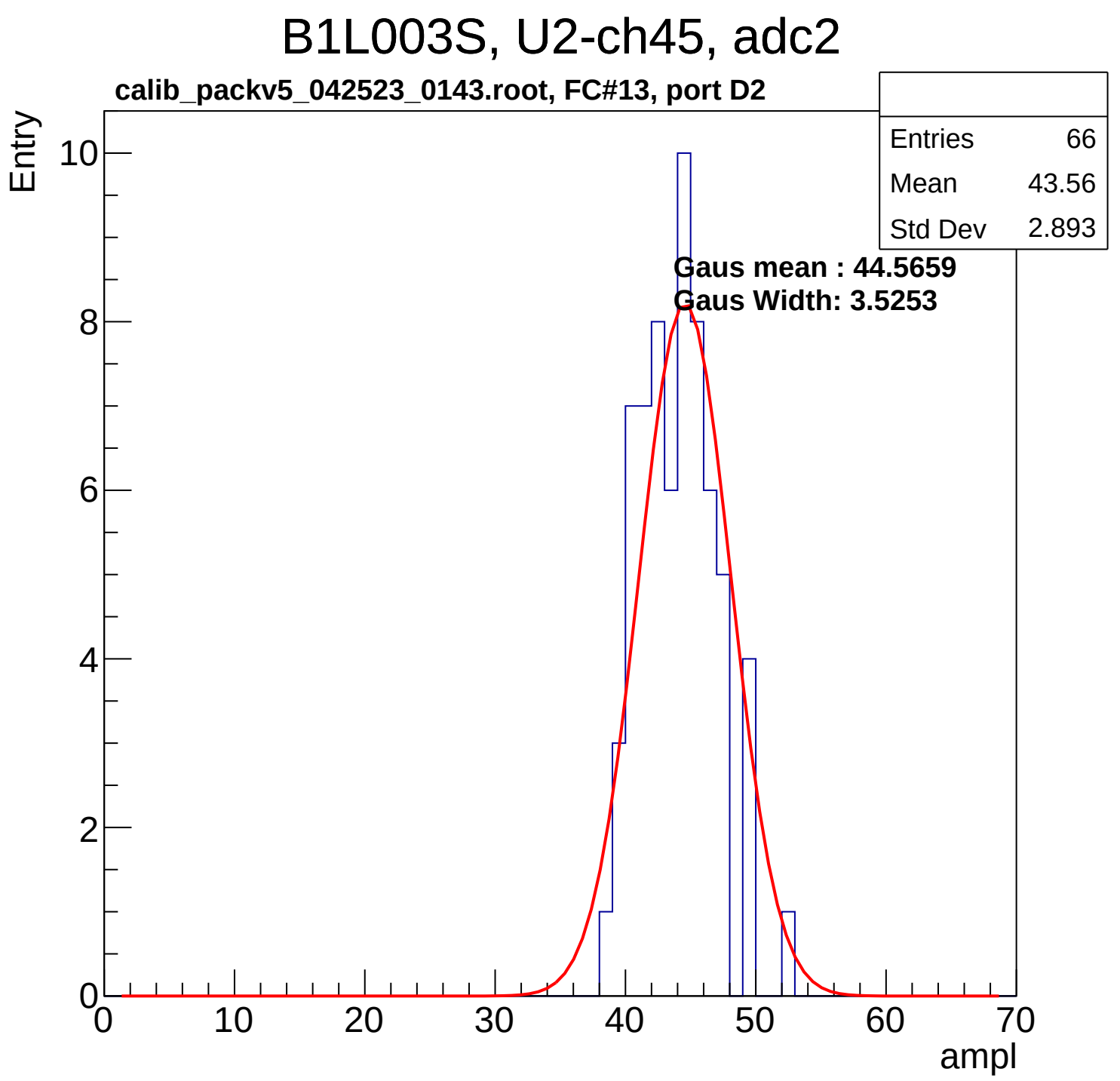
B1L003S, U2-ch45, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 43.56
Std Dev 2.893
Gaus mean : 44.5659
Gaus Width: 3.5253
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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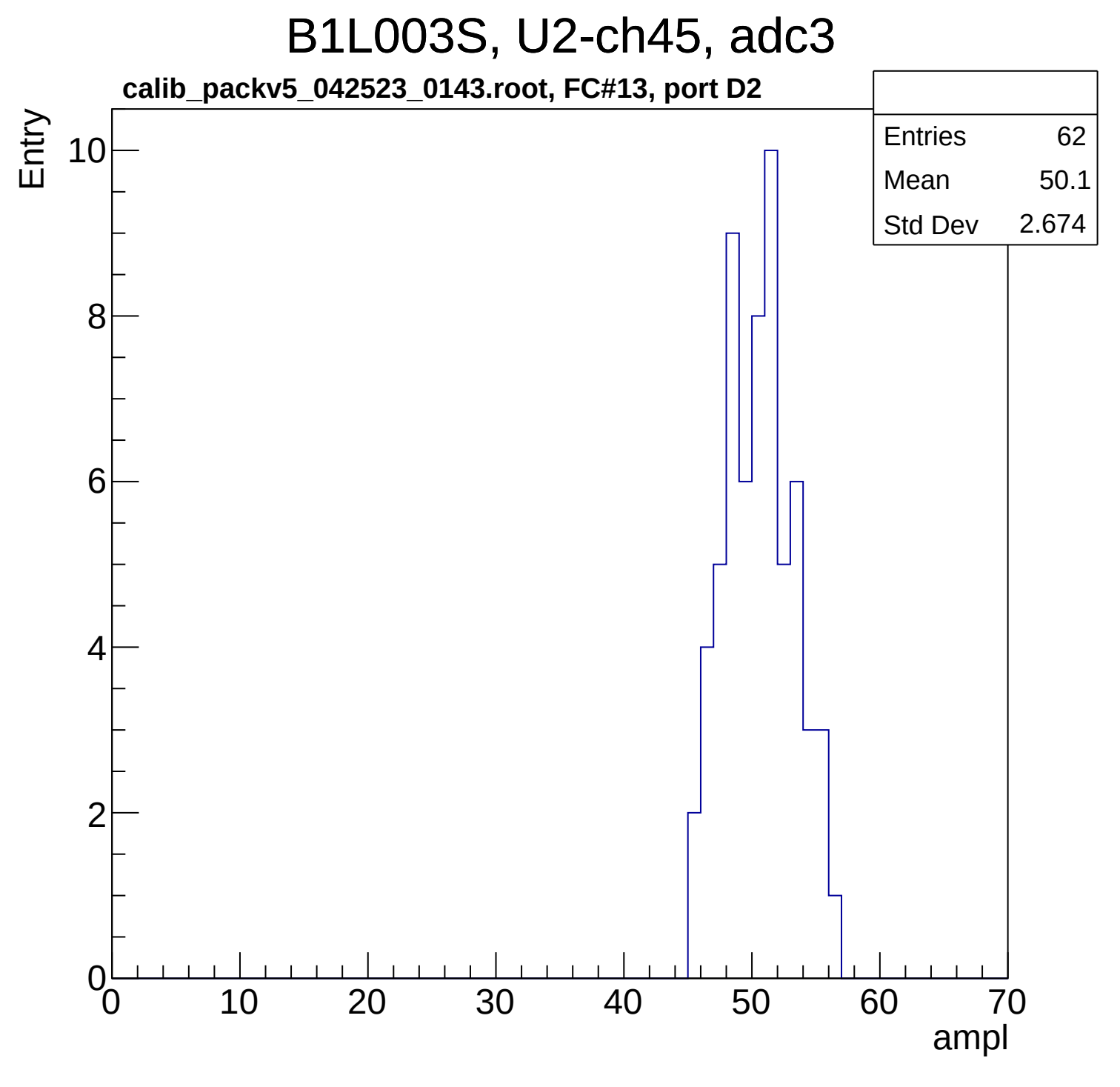
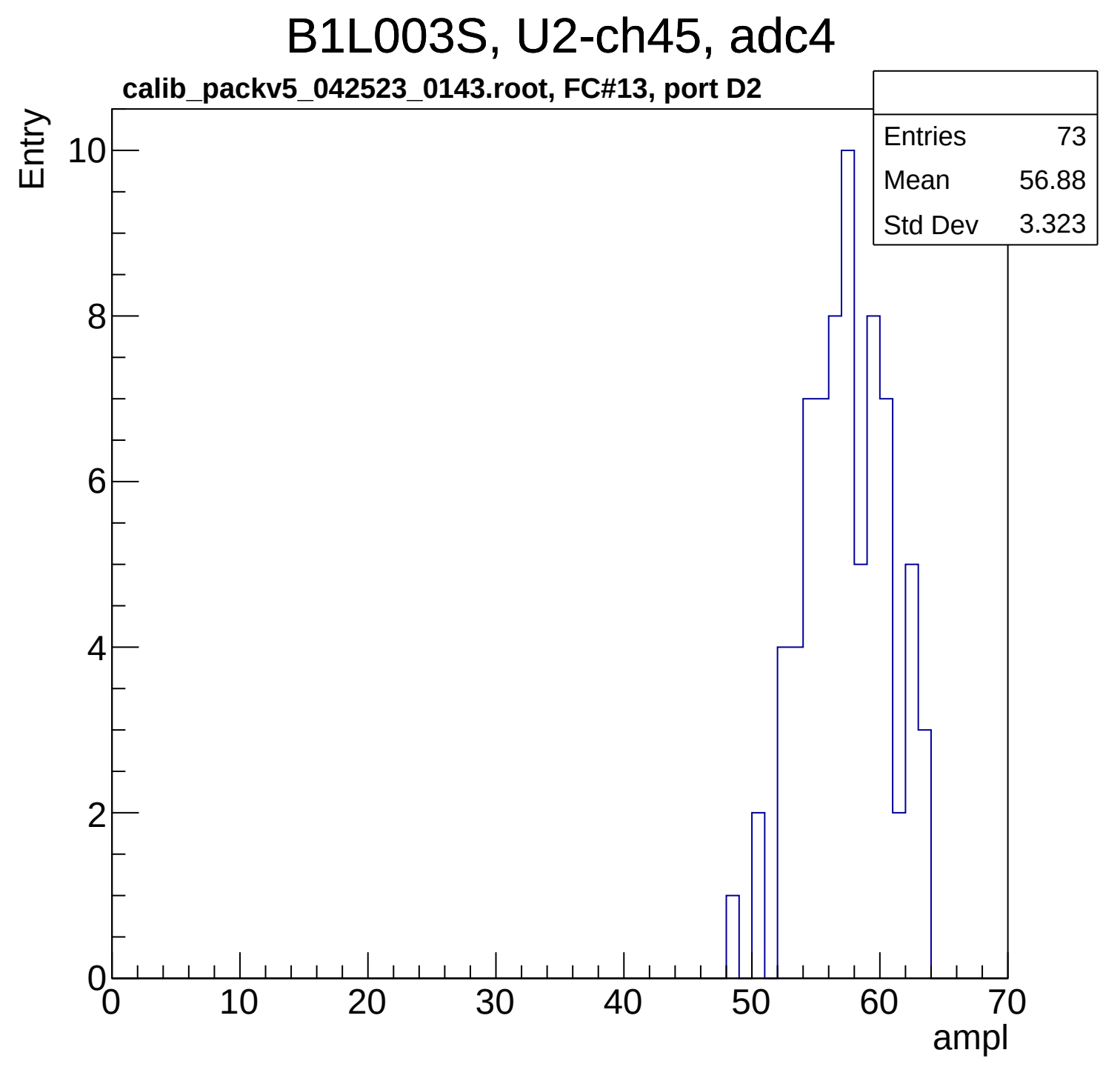

B1L003S, U2-ch45, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 50.1
Std Dev 2.674
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch45, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 56.88
Std Dev 3.323
Entry
ampl
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0
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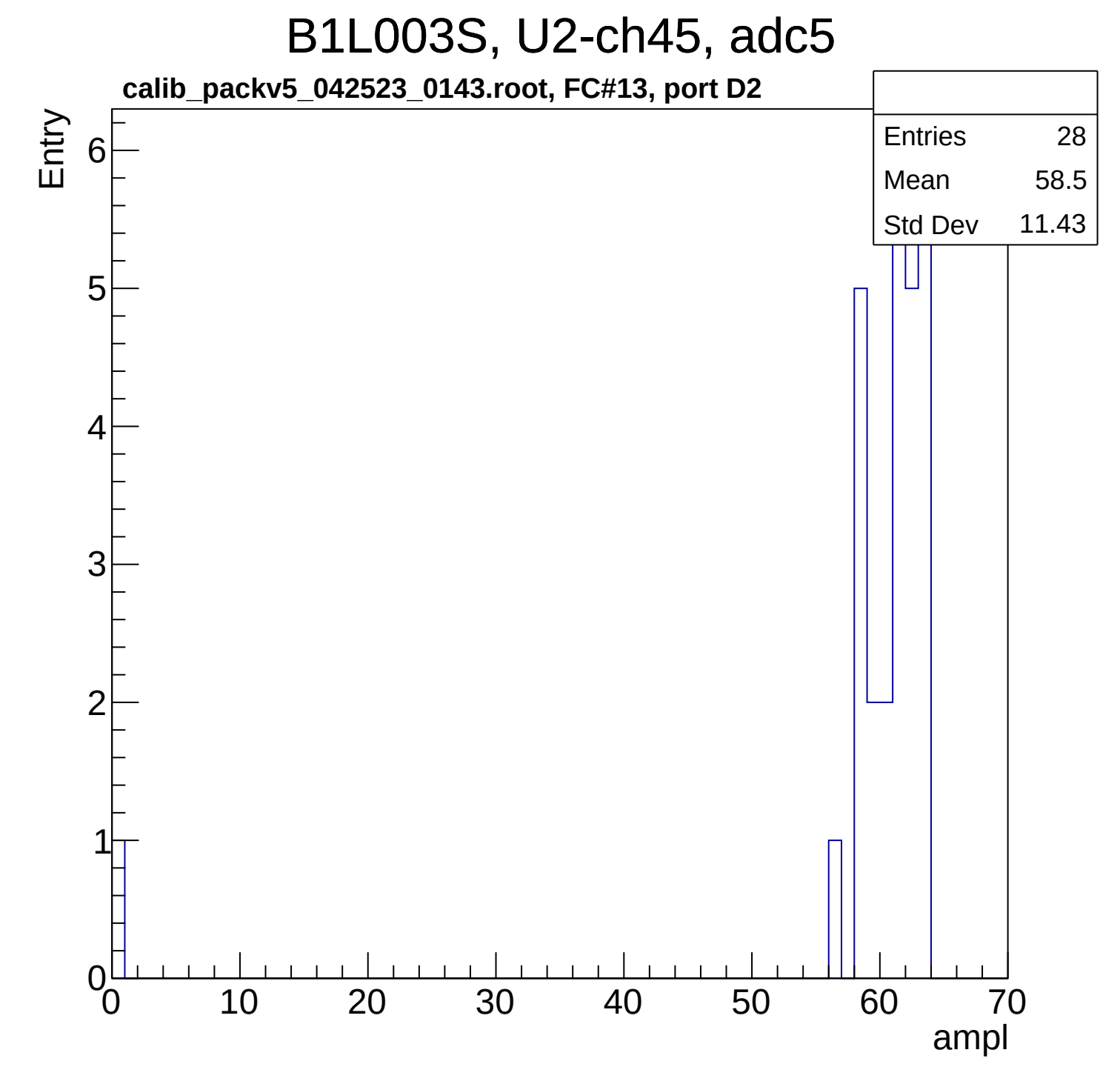
B1L003S, U2-ch45, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 28
Mean 58.5
Std Dev 11.43
Entry
0
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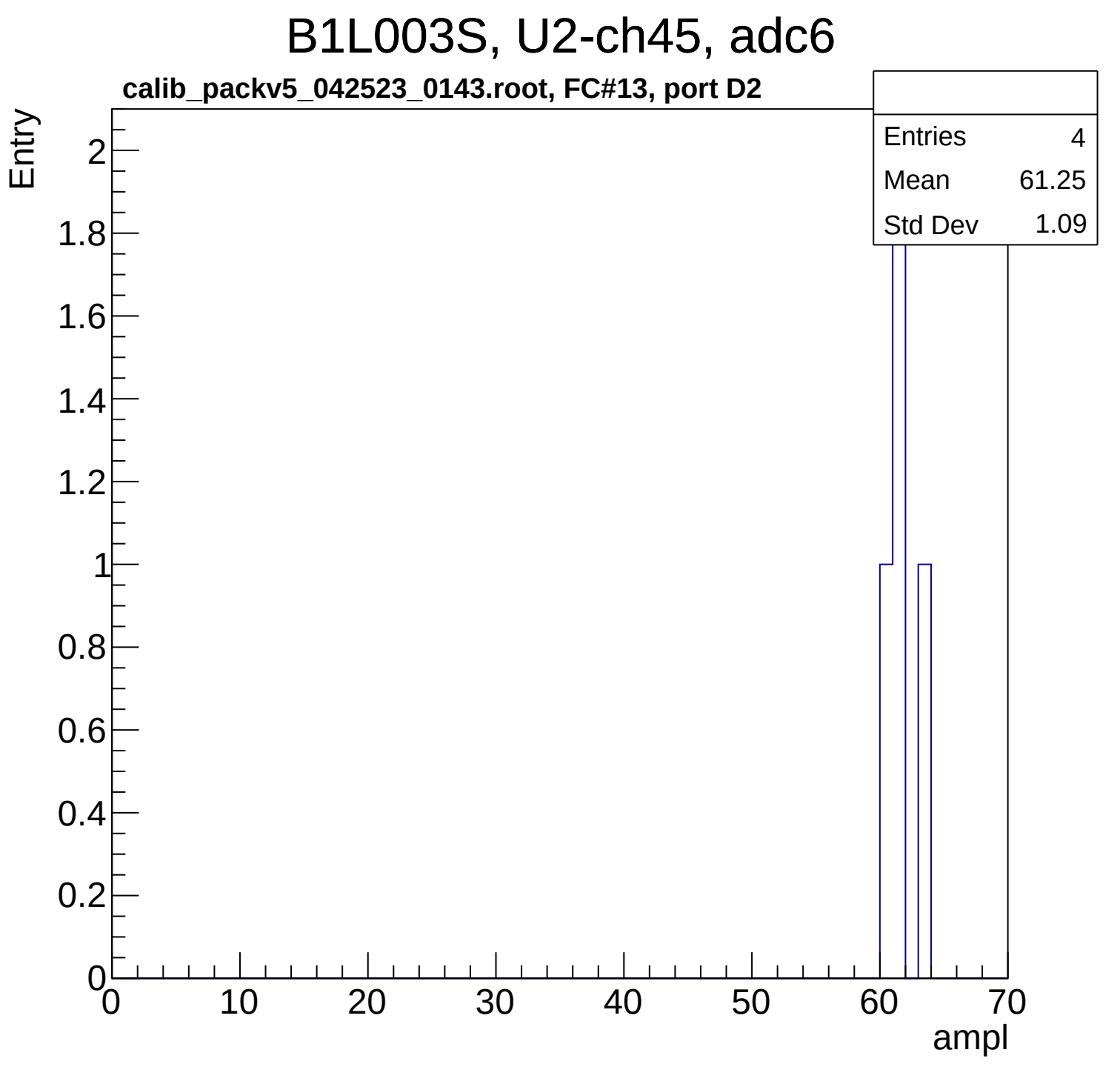
70
ampl


B1L003S, U2-ch45, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.25
Std Dev 1.09
Entry
ampl
0
0.2
0.4
0.6
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1.4
1.6
1.8
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0
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60
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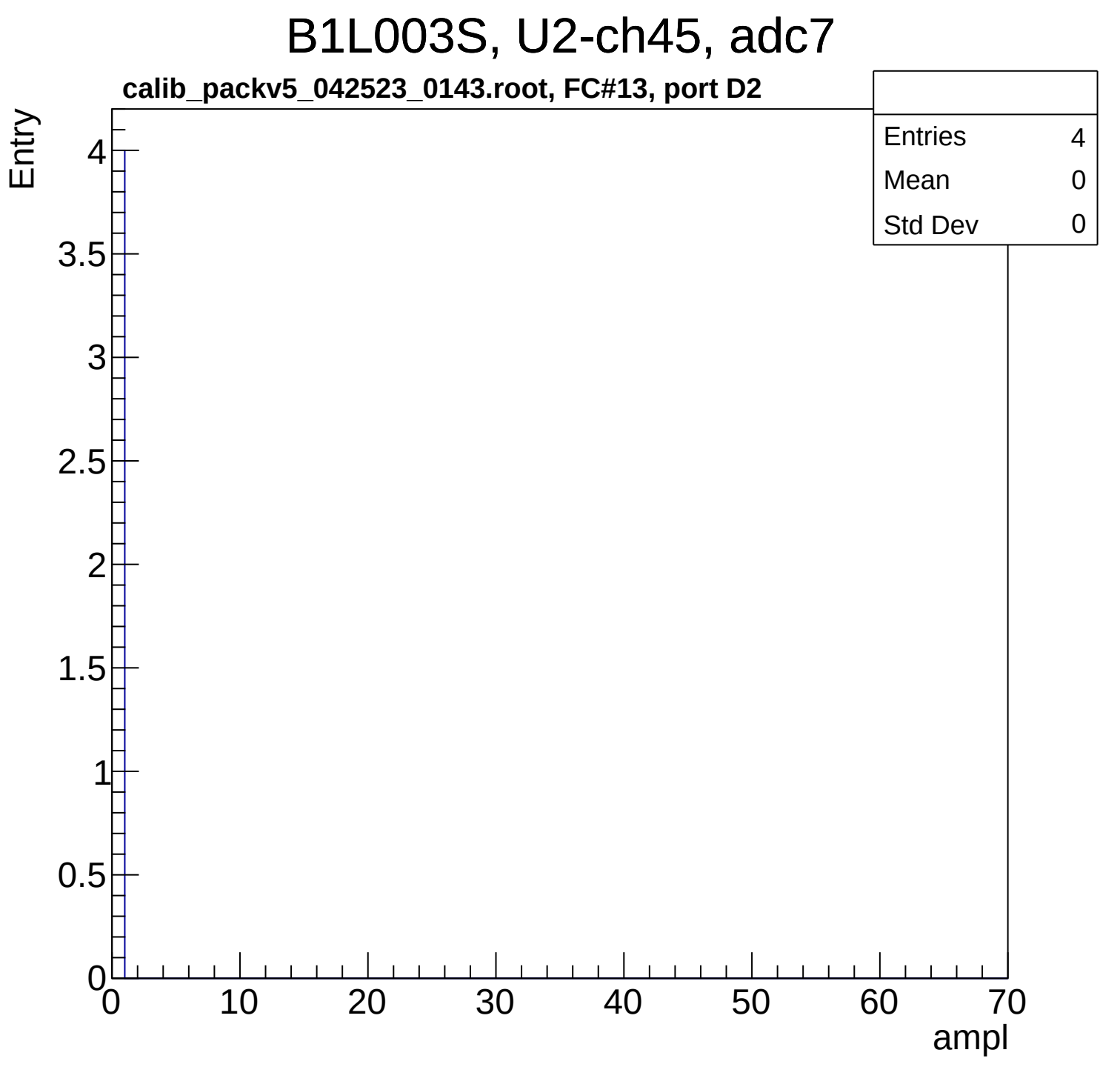
B1L003S, U2-ch45, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 0
Std Dev 0
Entry
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2.5
3
3.5
4
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10
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30
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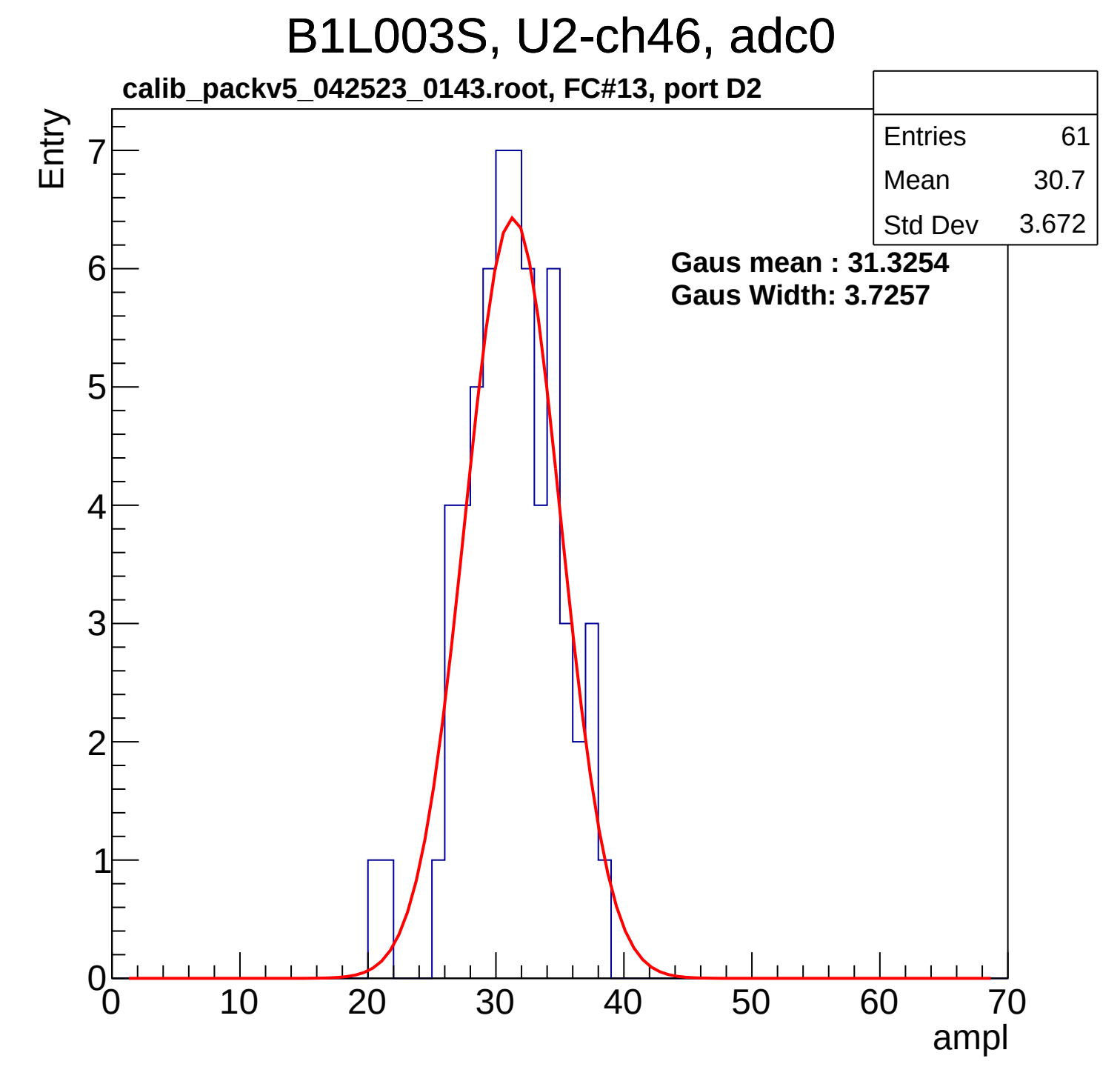
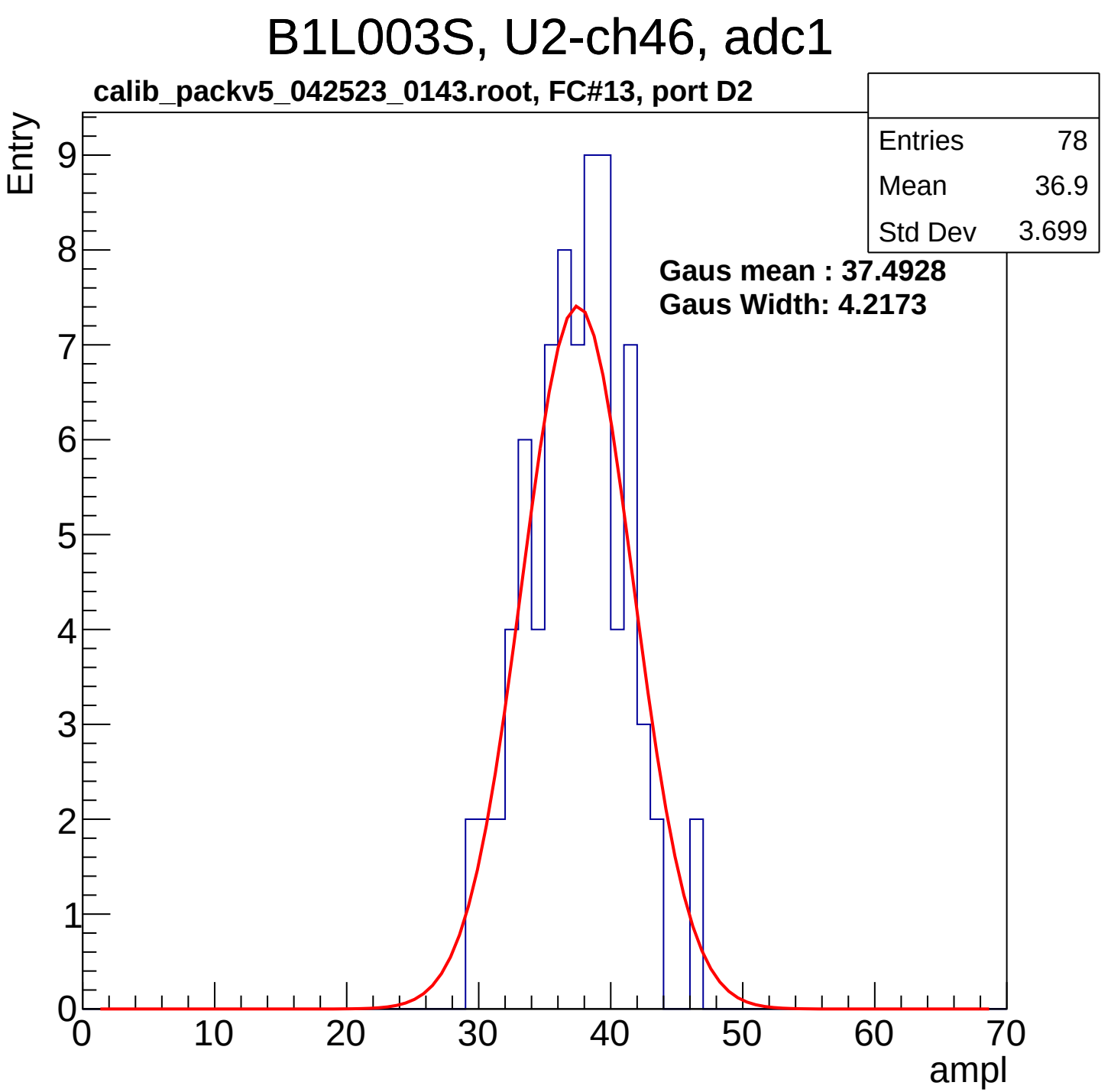
50
60
70
ampl


B1L003S, U2-ch46, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 30.7
Std Dev 3.672
Gaus mean : 31.3254
Gaus Width: 3.7257
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U2-ch46, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 36.9
Std Dev 3.699
Gaus mean : 37.4928
Gaus Width: 4.2173
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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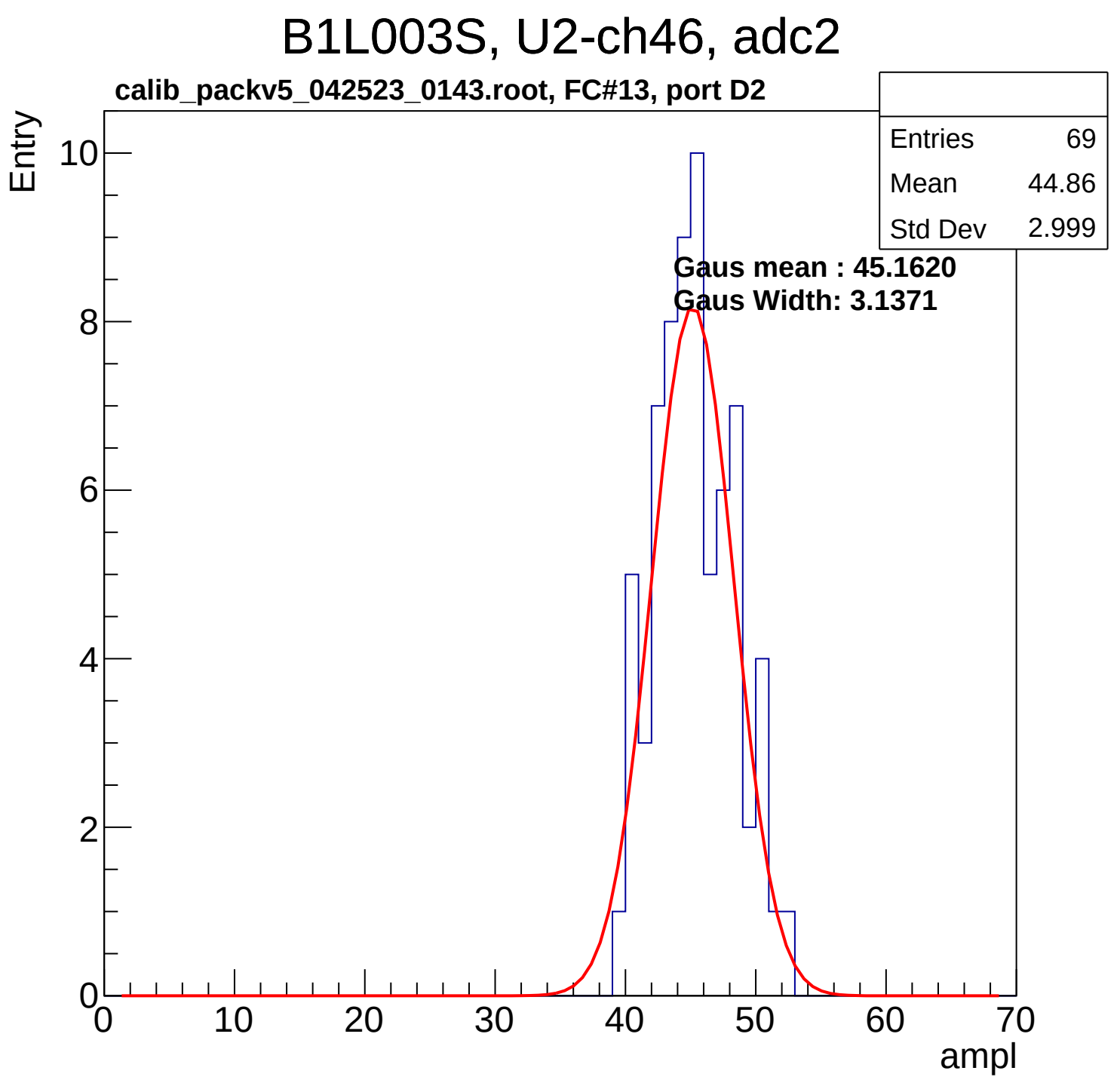
B1L003S, U2-ch46, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 44.86
Std Dev 2.999
Gaus mean : 45.1620
Gaus Width: 3.1371
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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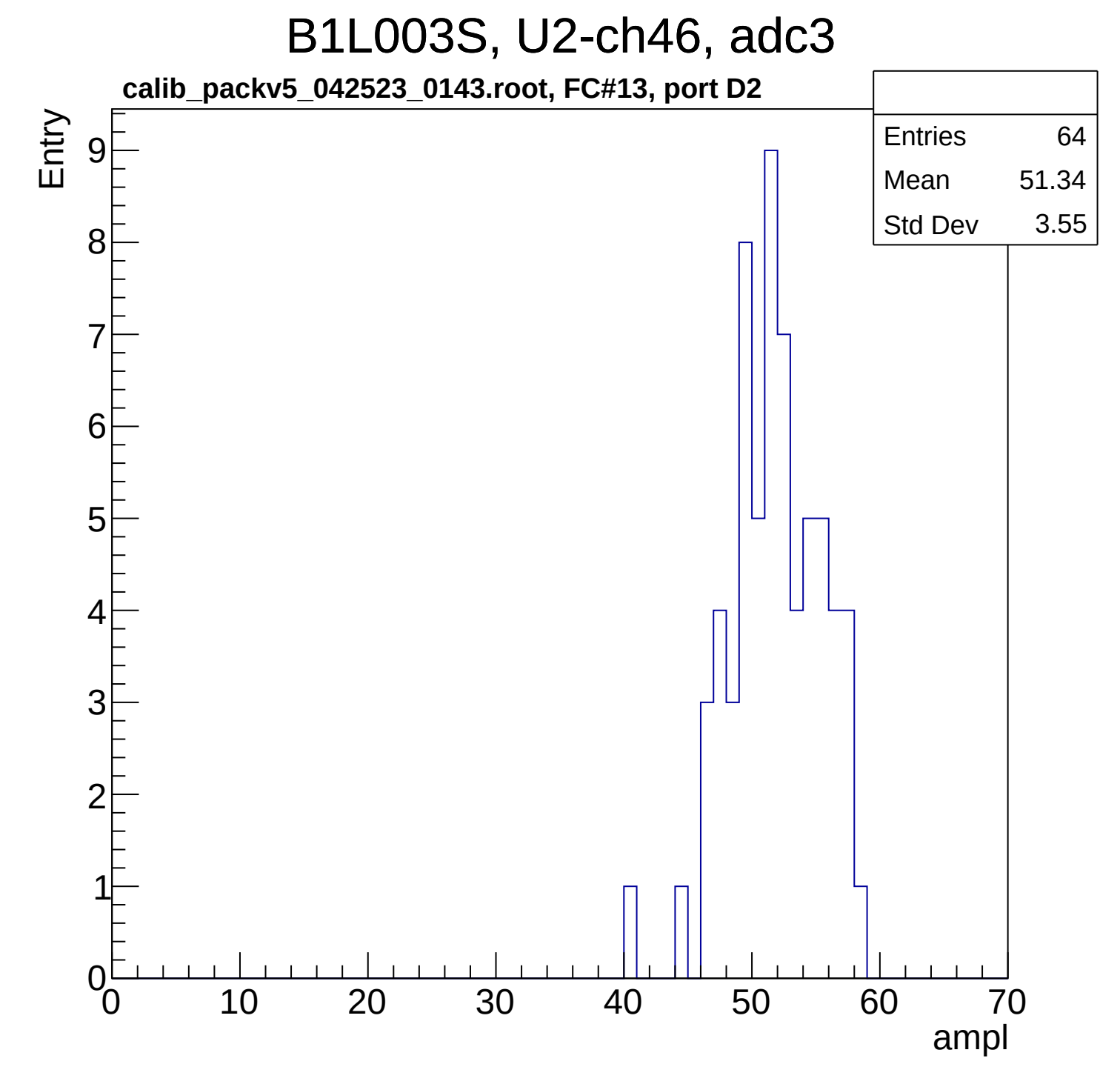
B1L003S, U2-ch46, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 51.34
Std Dev 3.55
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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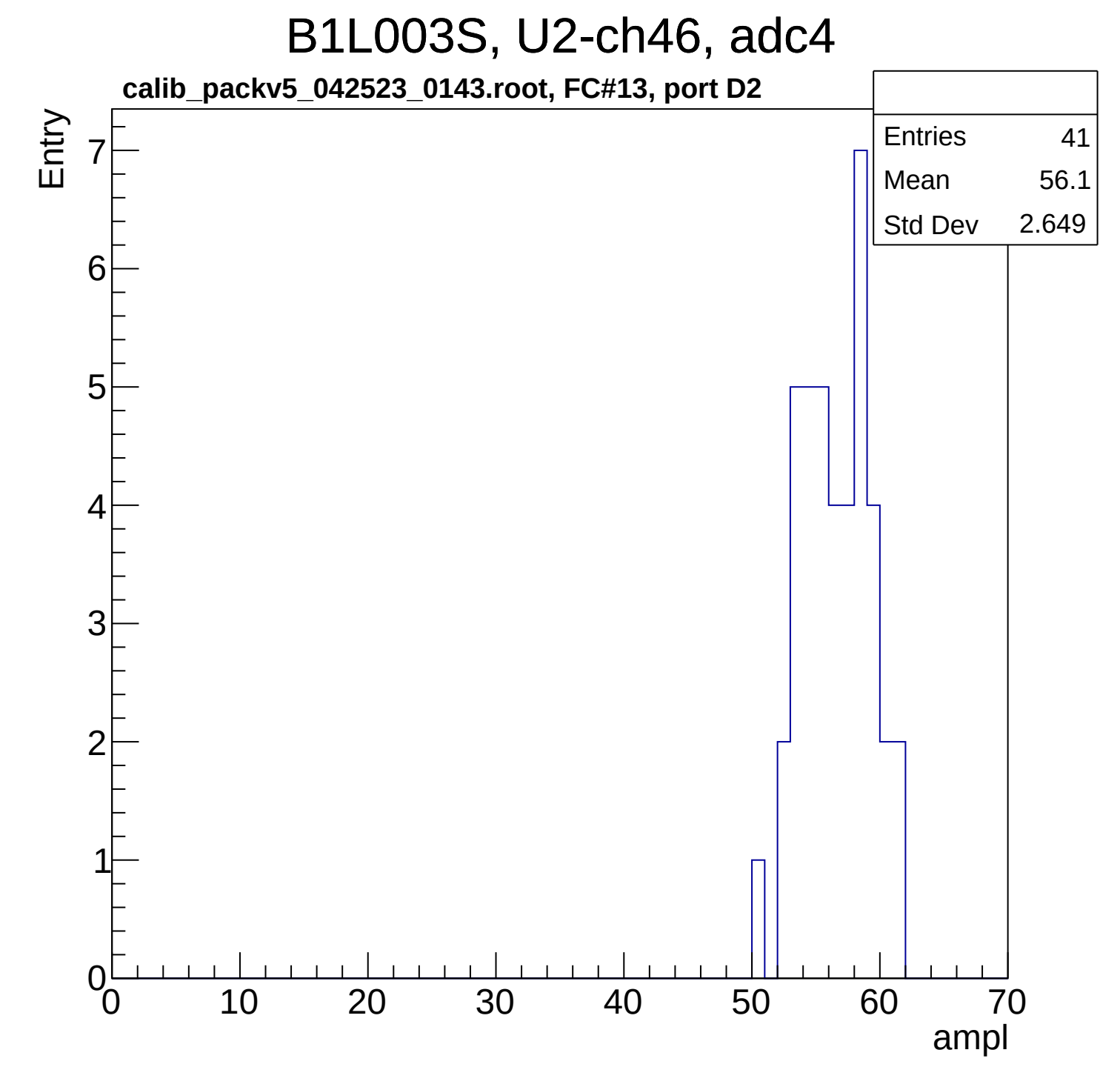
B1L003S, U2-ch46, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 56.1
Std Dev 2.649
Entry
ampl
0
1
2
3
4
5
6
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0
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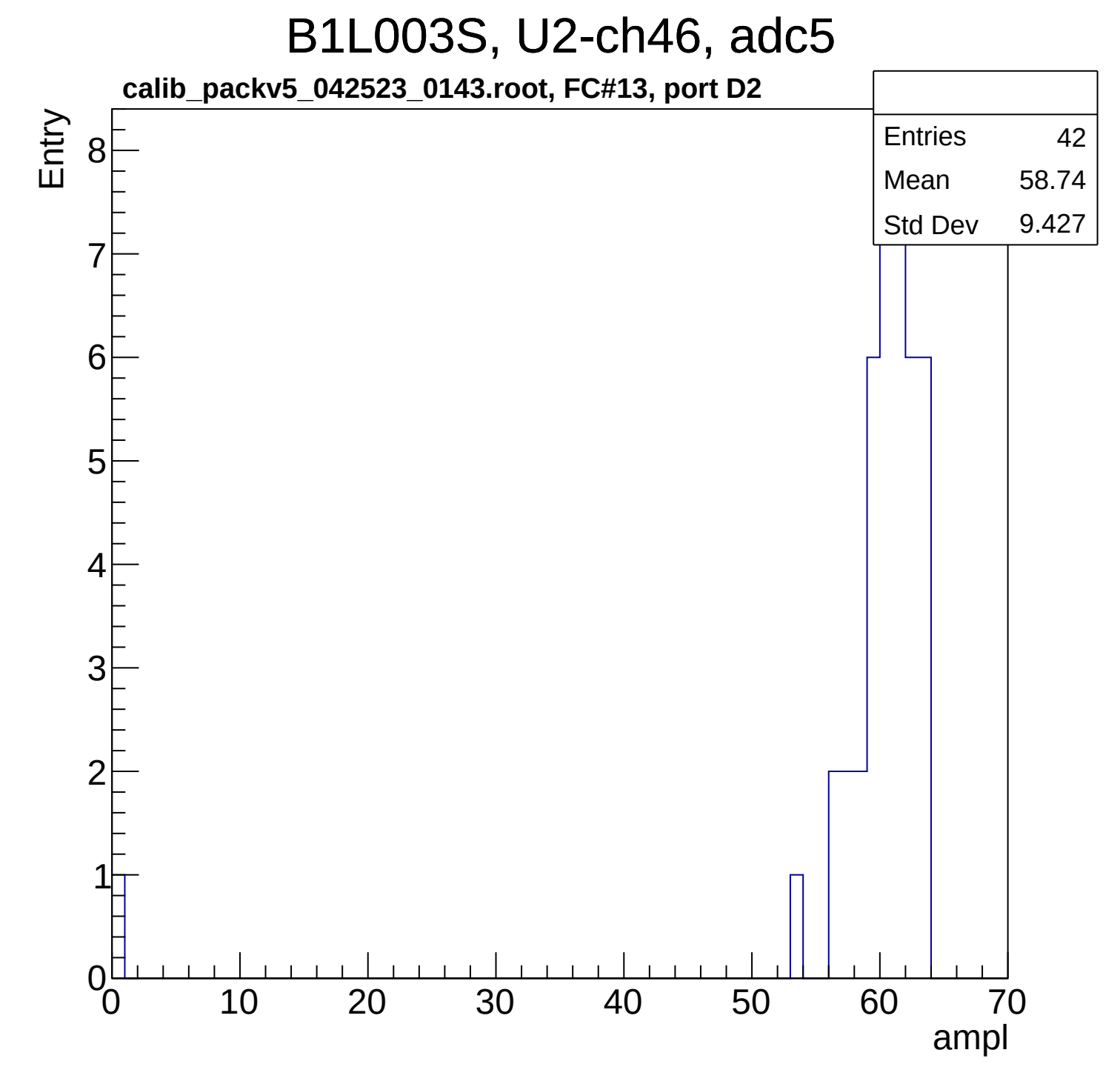
B1L003S, U2-ch46, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 58.74
Std Dev 9.427
Entry
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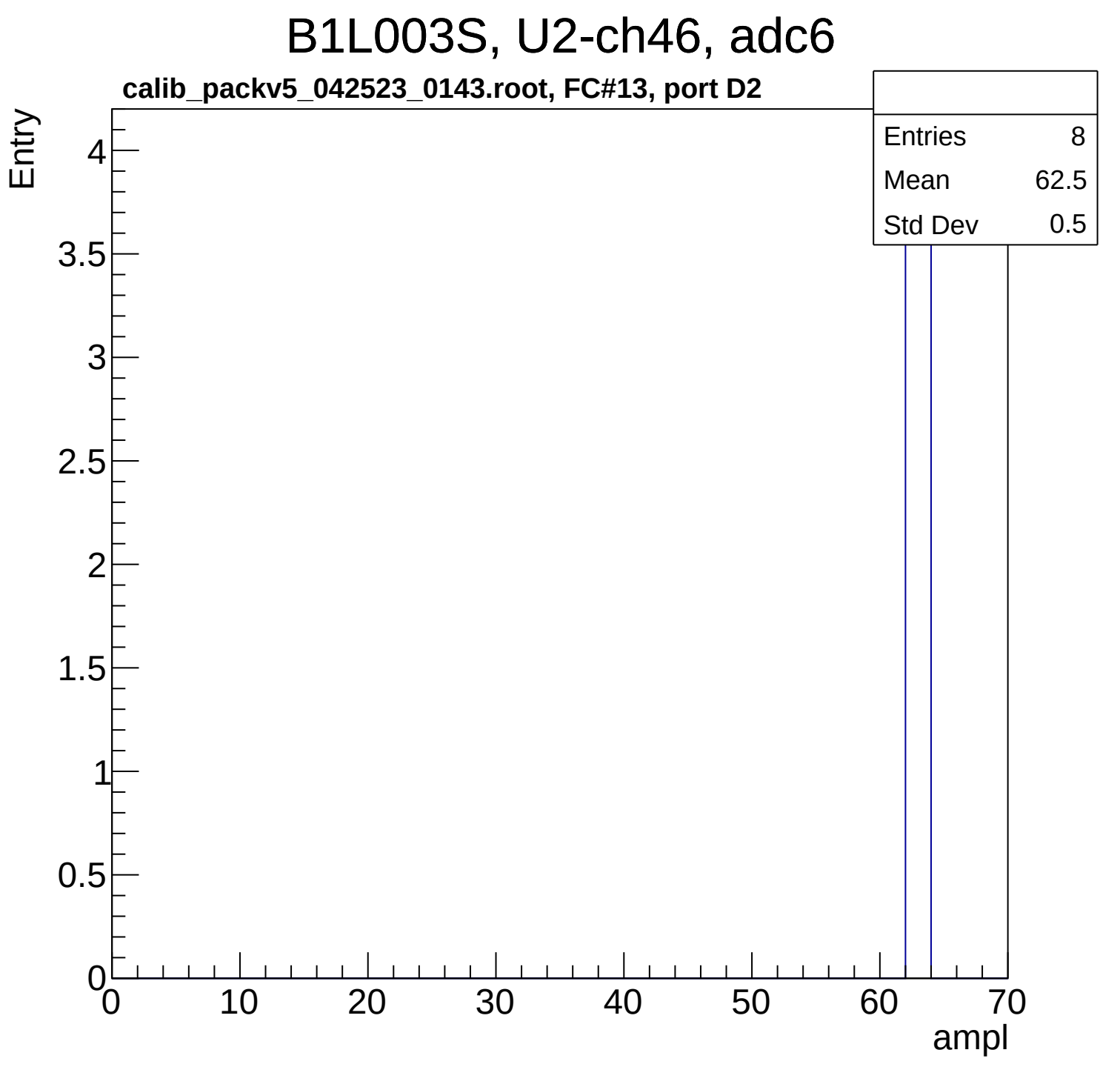
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch46, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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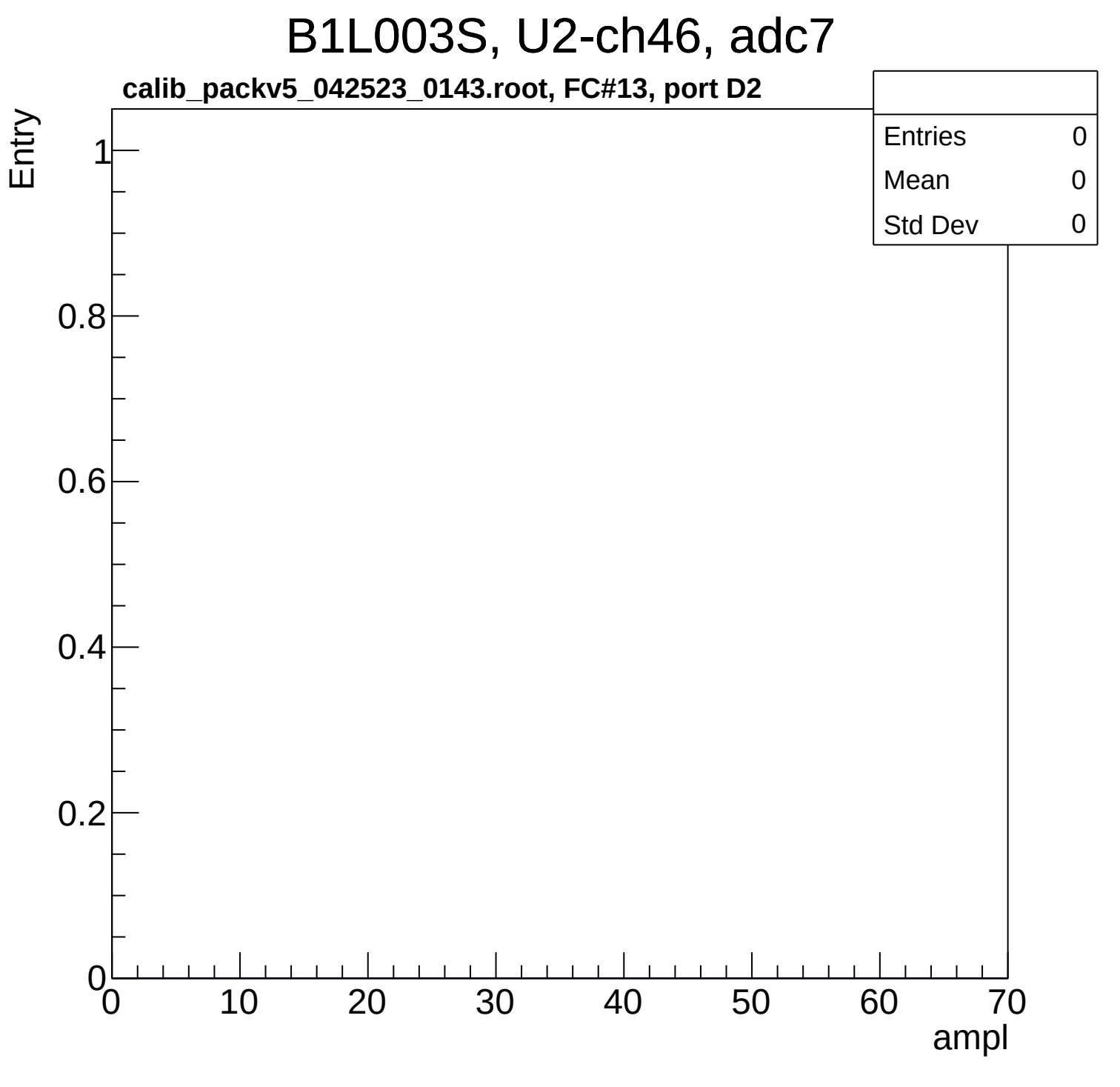
B1L003S, U2-ch46, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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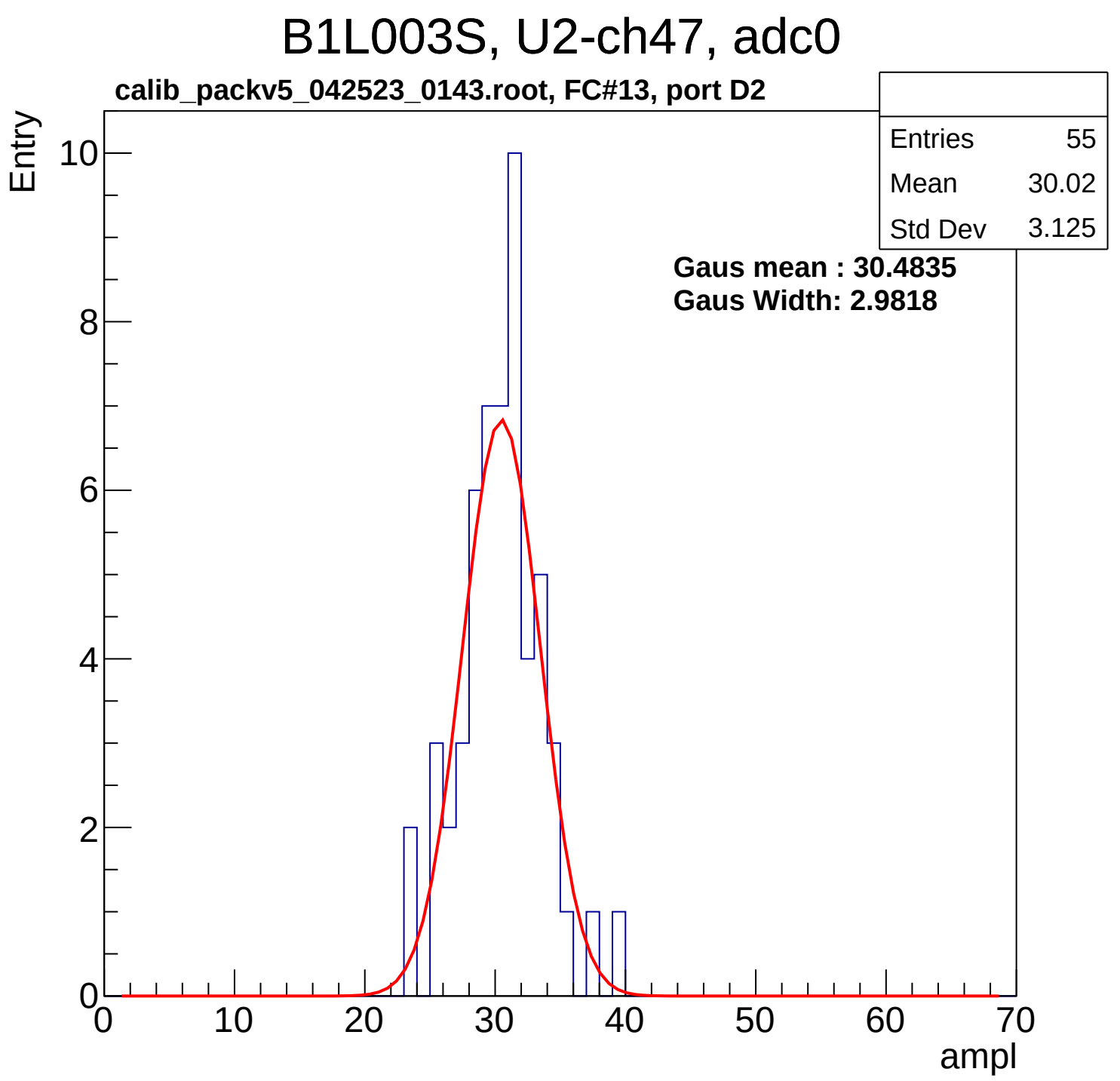
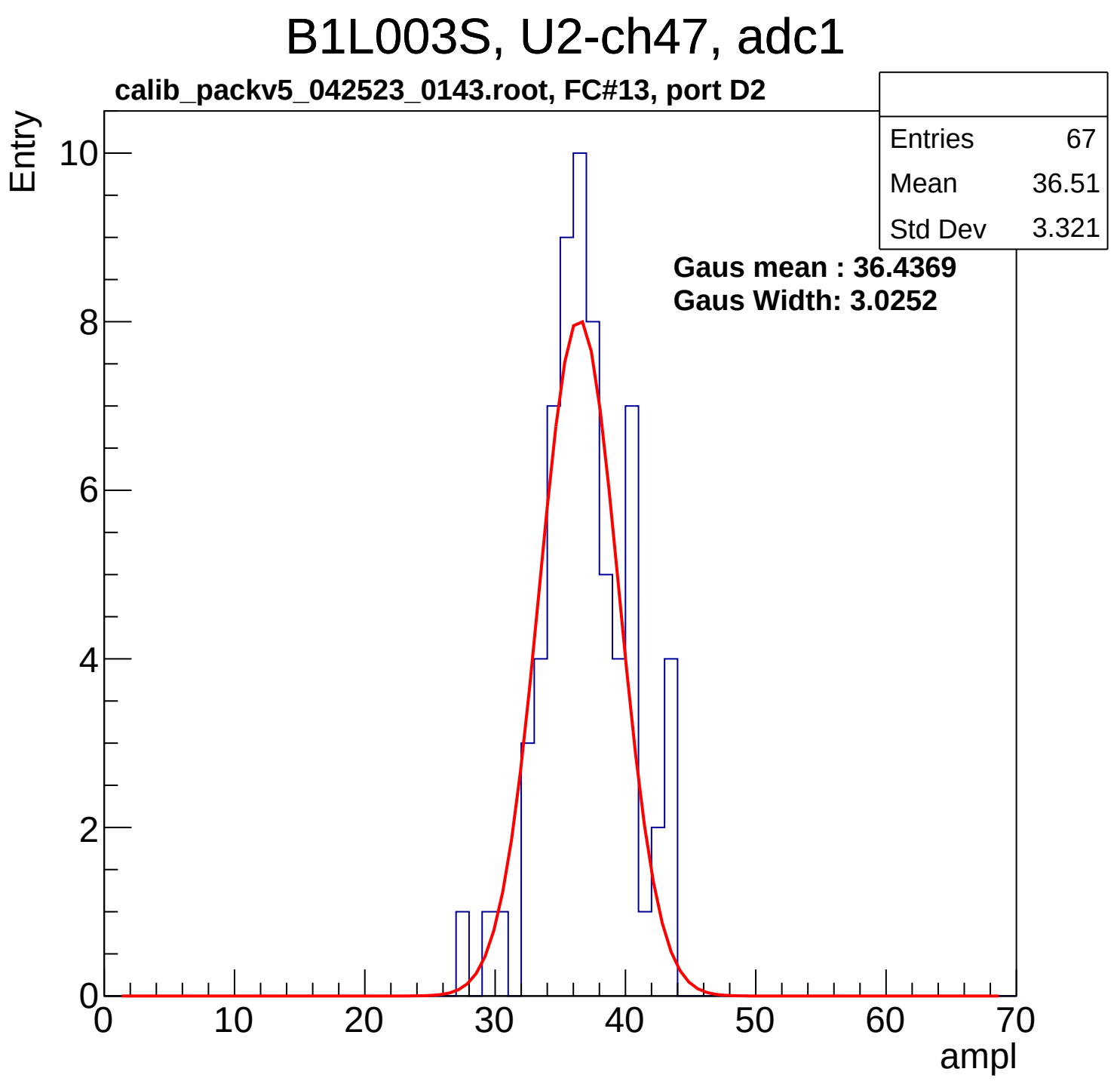
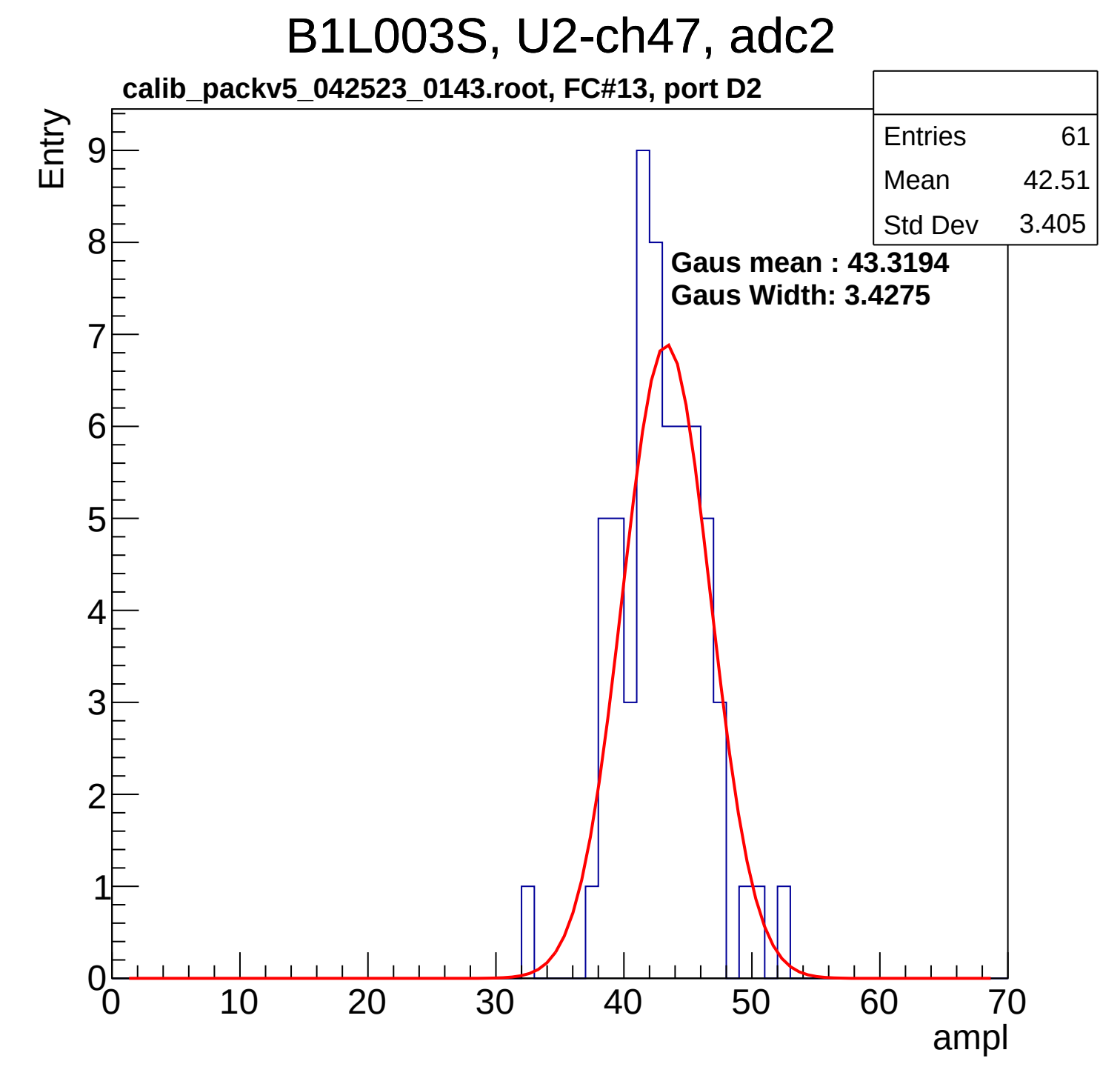
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch47, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 30.02
Std Dev 3.125
Gaus mean : 30.4835
Gaus Width: 2.9818
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch47, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 36.51
Std Dev 3.321
Gaus mean : 36.4369
Gaus Width: 3.0252
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch47, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 42.51
Std Dev 3.405
Gaus mean : 43.3194
Gaus Width: 3.4275
Entry
ampl
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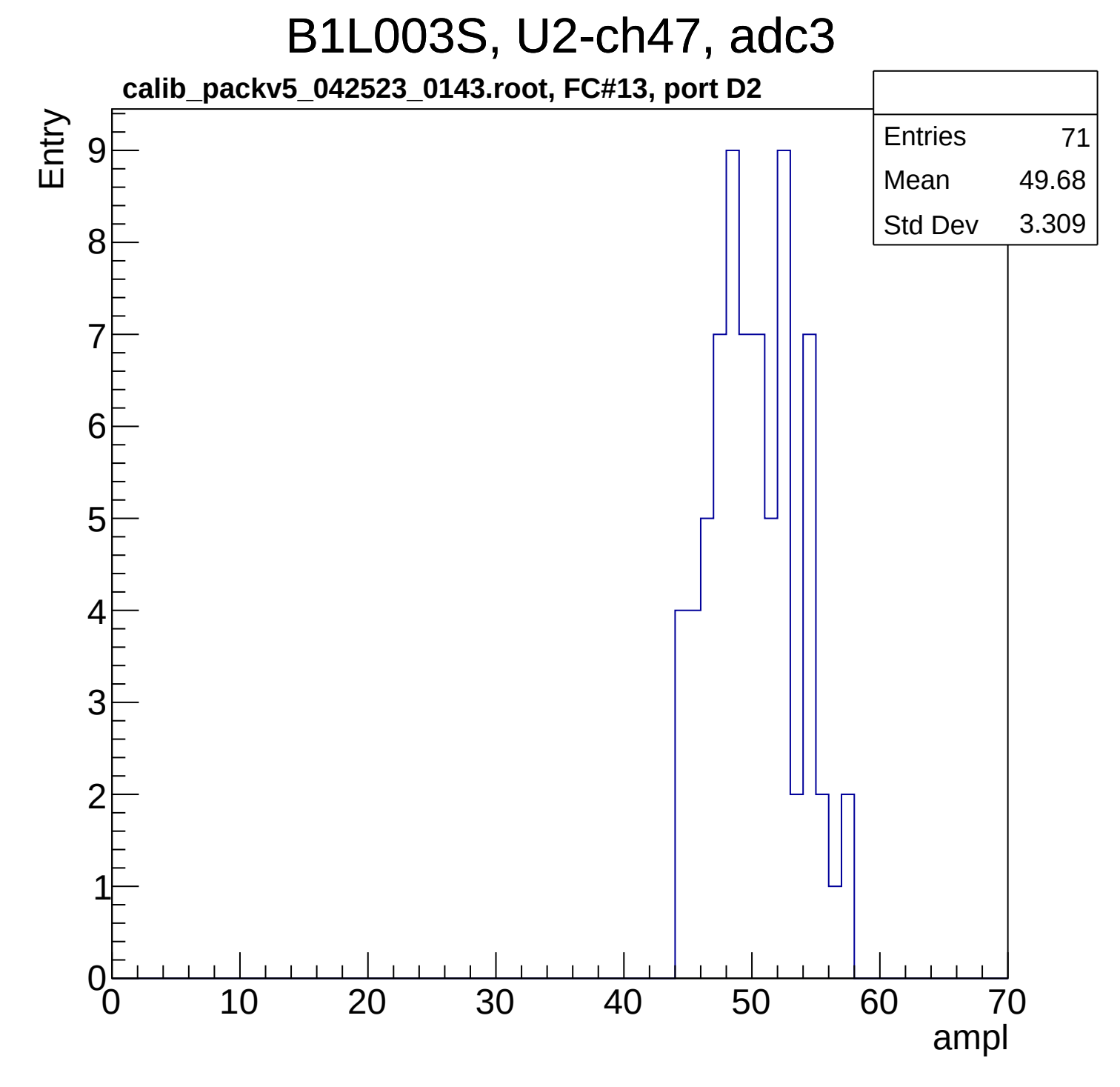
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U2-ch47, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 49.68
Std Dev 3.309
Entry
ampl
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4
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0
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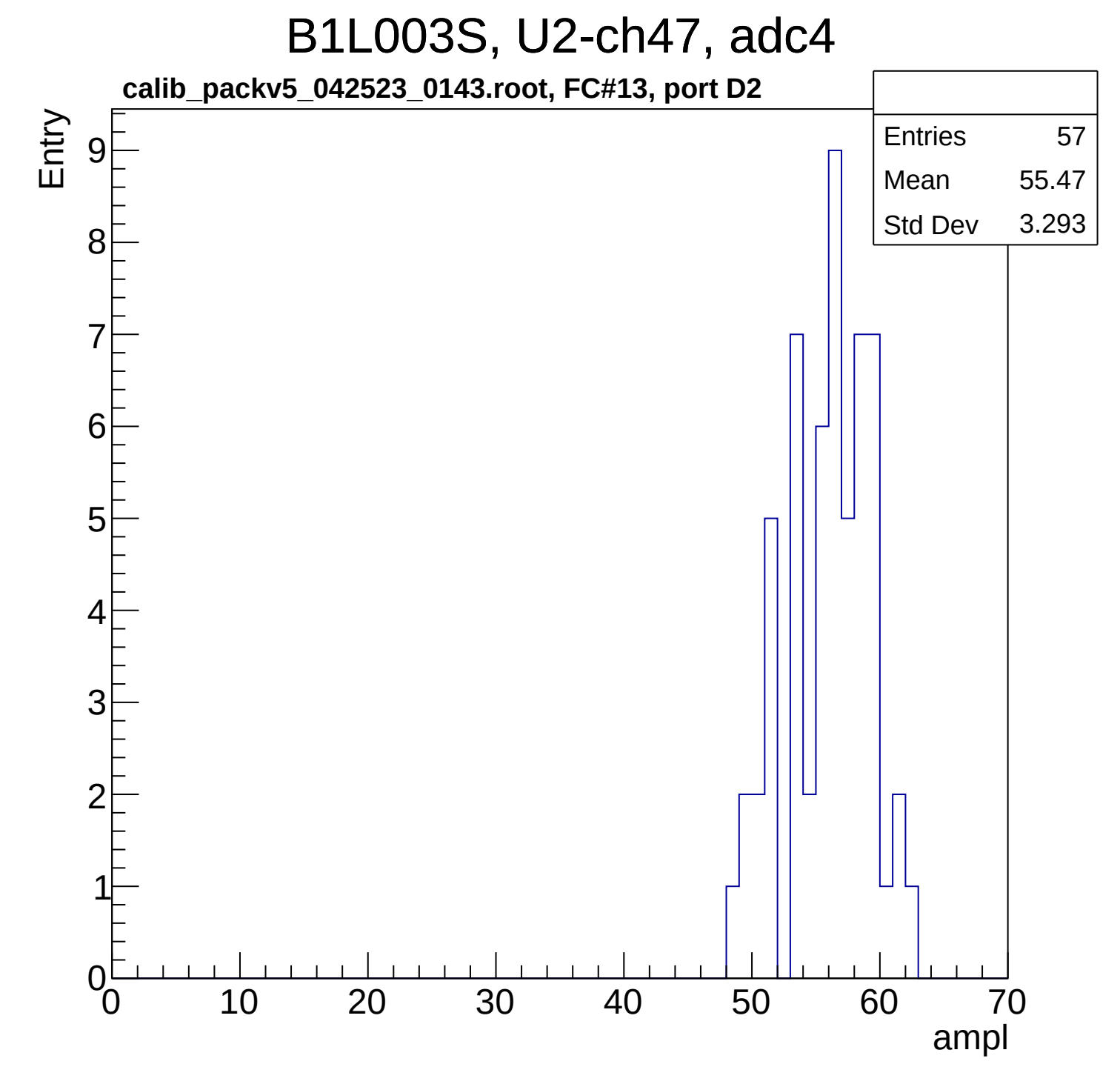
B1L003S, U2-ch47, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 55.47
Std Dev 3.293
Entry
ampl
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4
5
6
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8
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0
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40
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60
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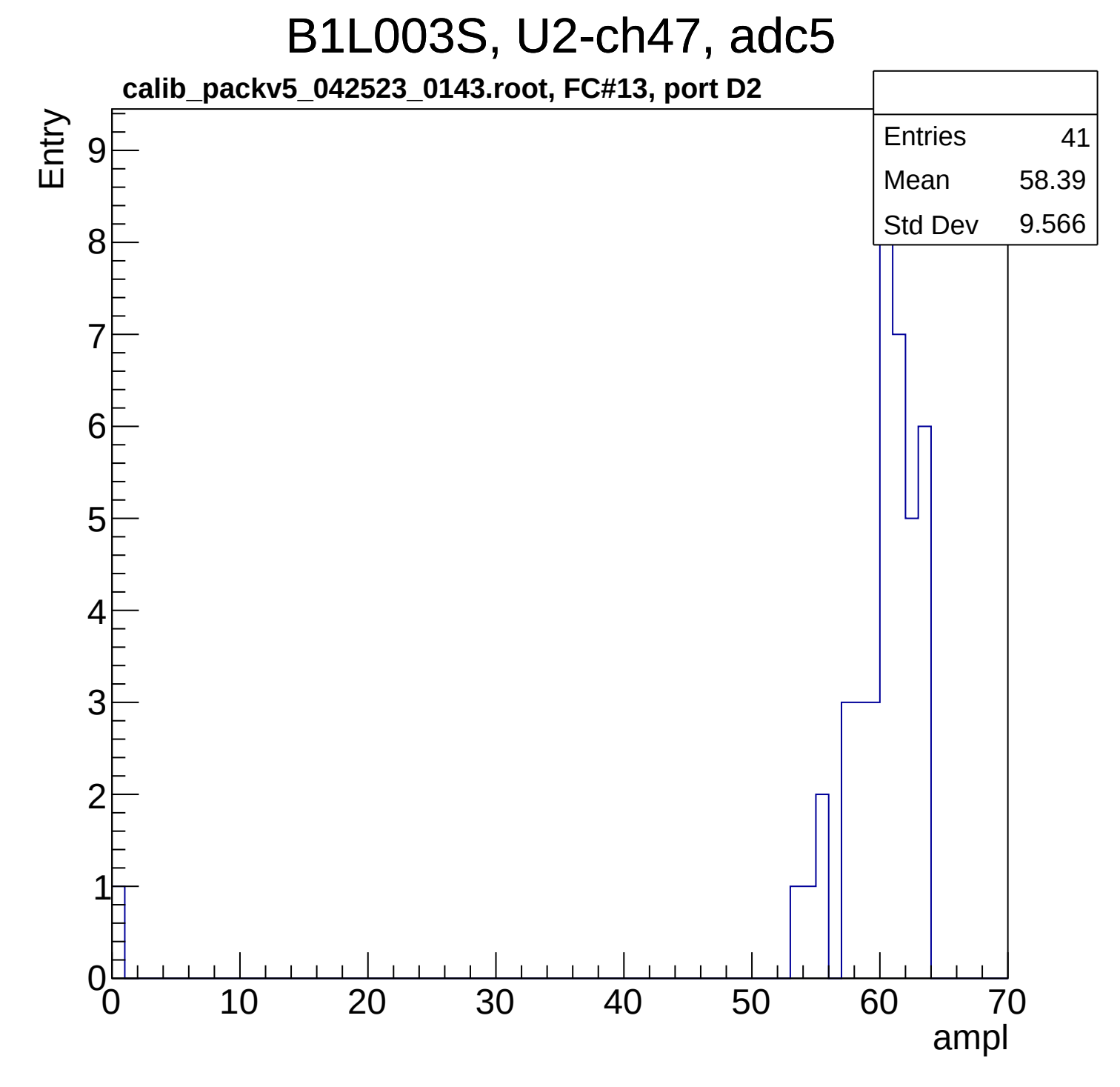
B1L003S, U2-ch47, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 58.39
Std Dev 9.566
Entry
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7
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30
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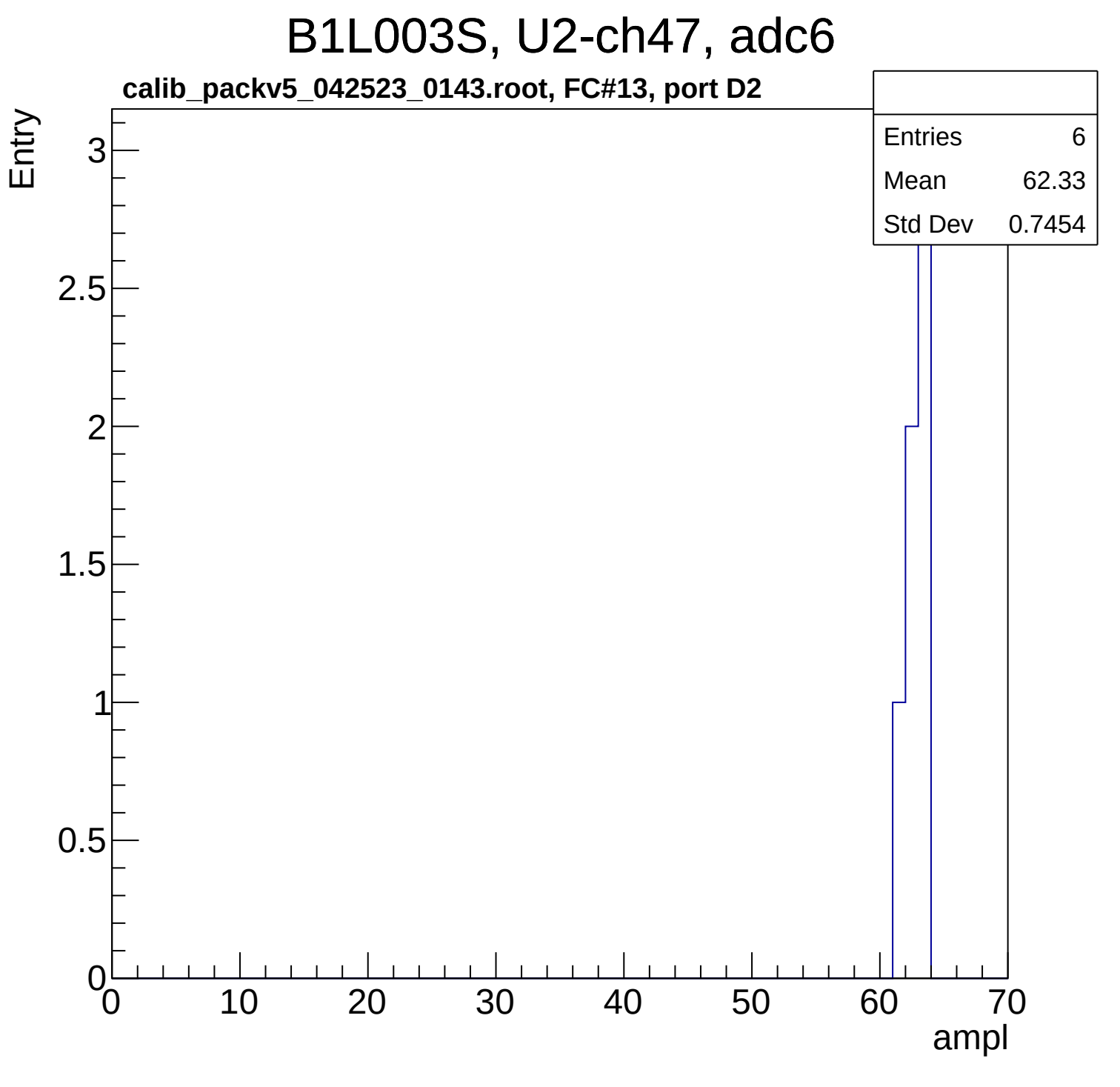
70
ampl


B1L003S, U2-ch47, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 62.33
Std Dev 0.7454
Entry
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1
1.5
2
2.5
3
0
10
20
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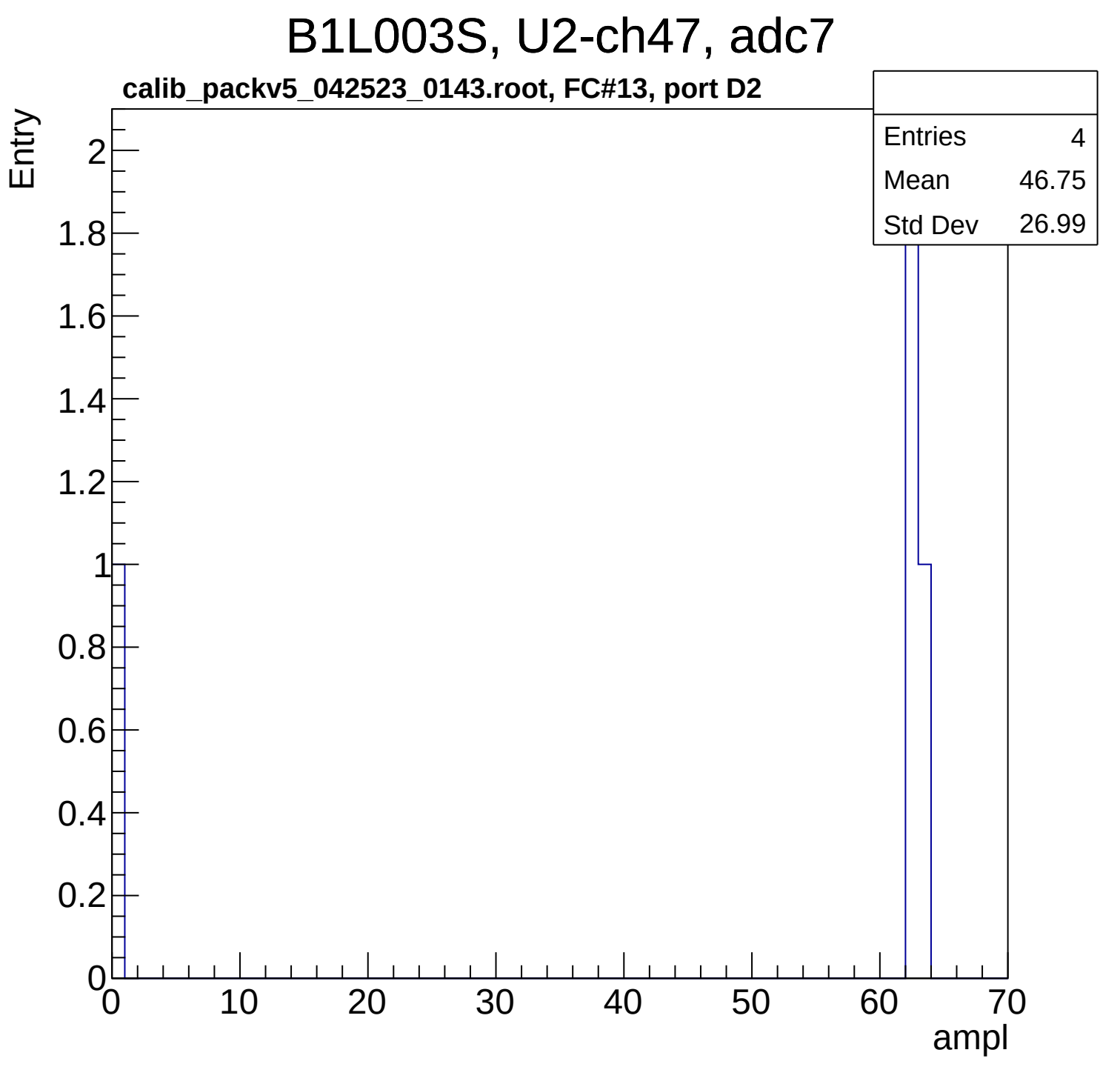
60
70
ampl


B1L003S, U2-ch47, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 46.75
Std Dev 26.99
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
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60
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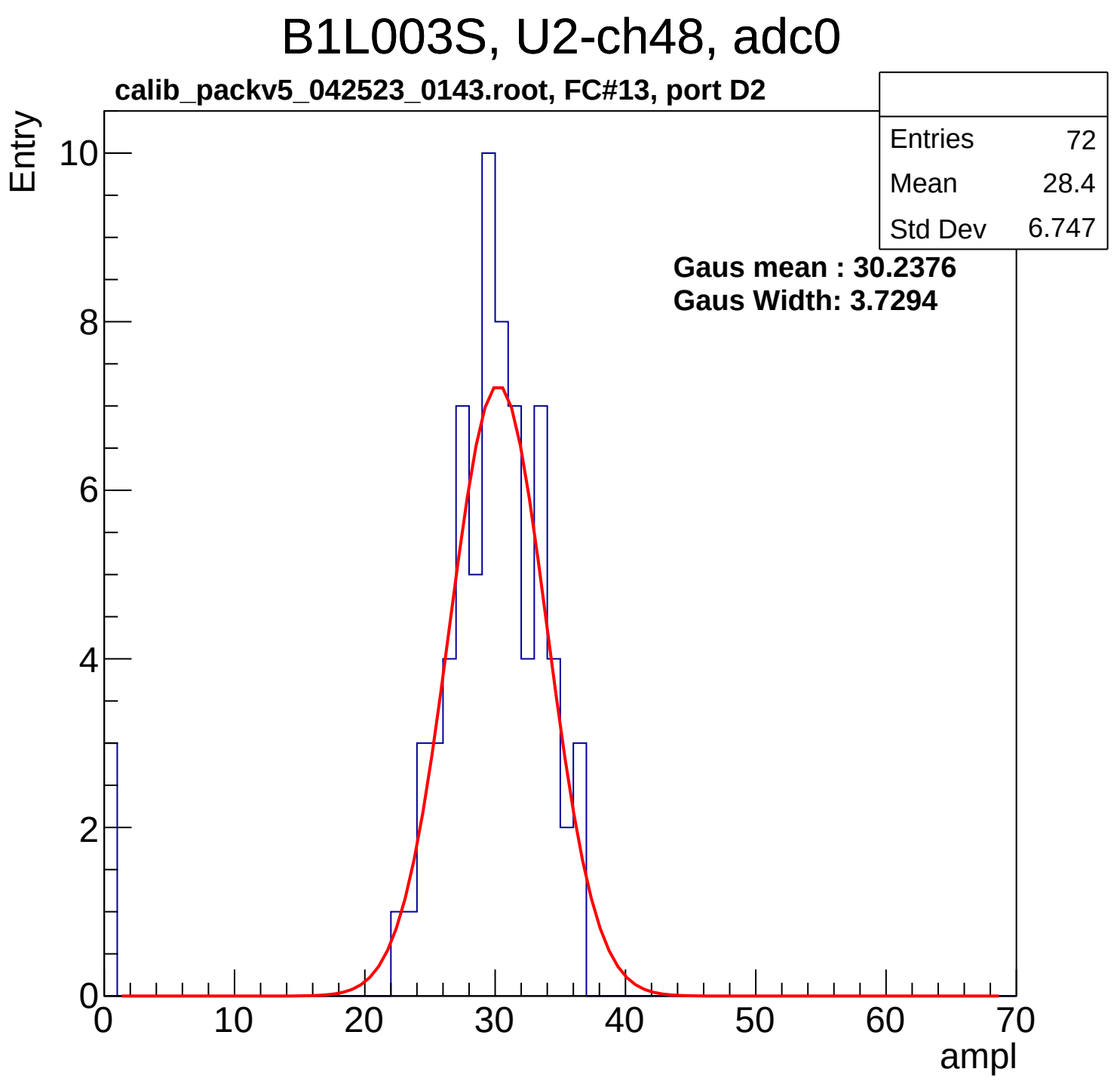
B1L003S, U2-ch48, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 28.4
Std Dev 6.747
Gaus mean : 30.2376
Gaus Width: 3.7294
Entry
ampl
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4
6
8
10
0
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20
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40
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60
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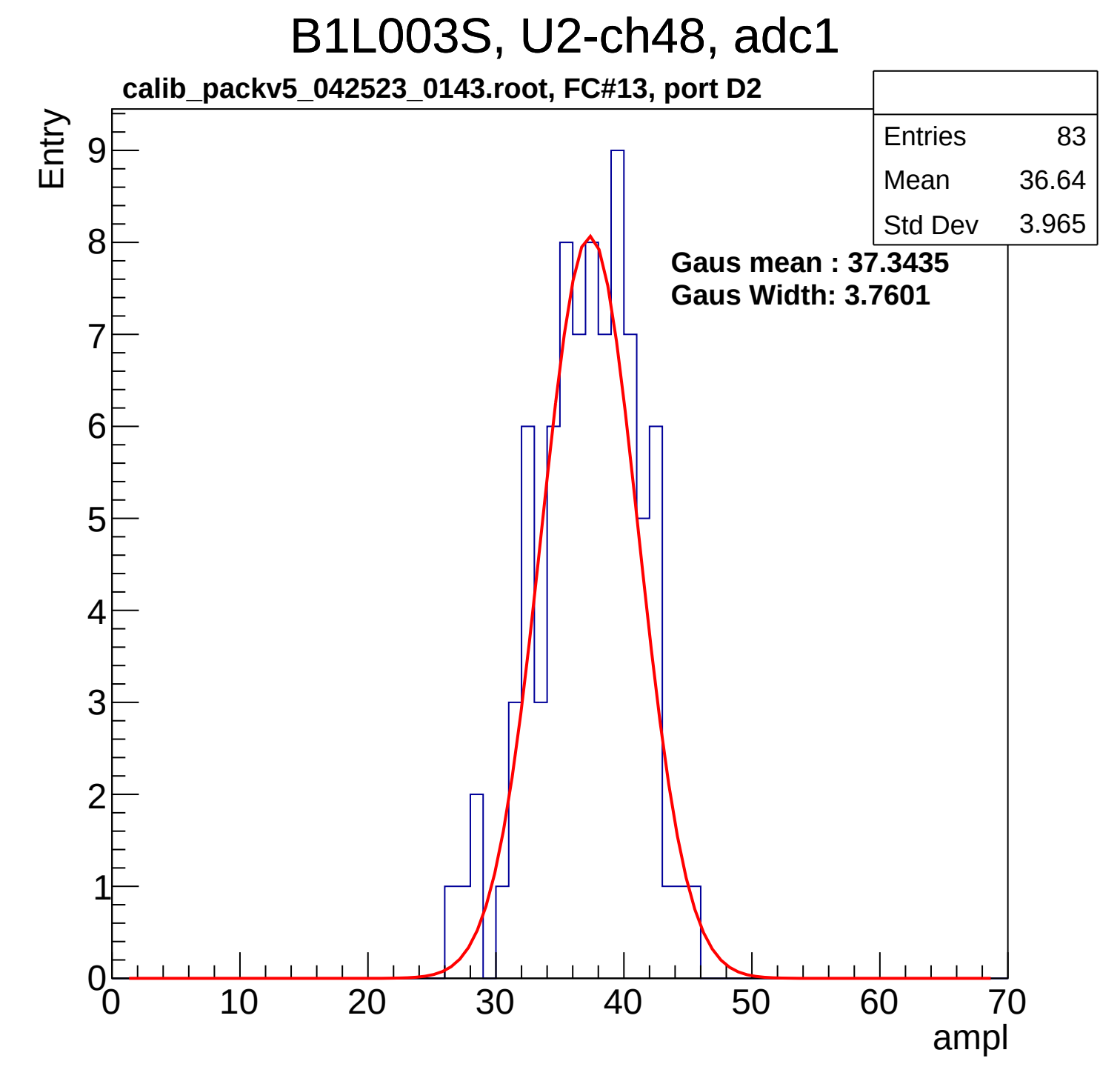
B1L003S, U2-ch48, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 36.64
Std Dev 3.965
Gaus mean : 37.3435
Gaus Width: 3.7601
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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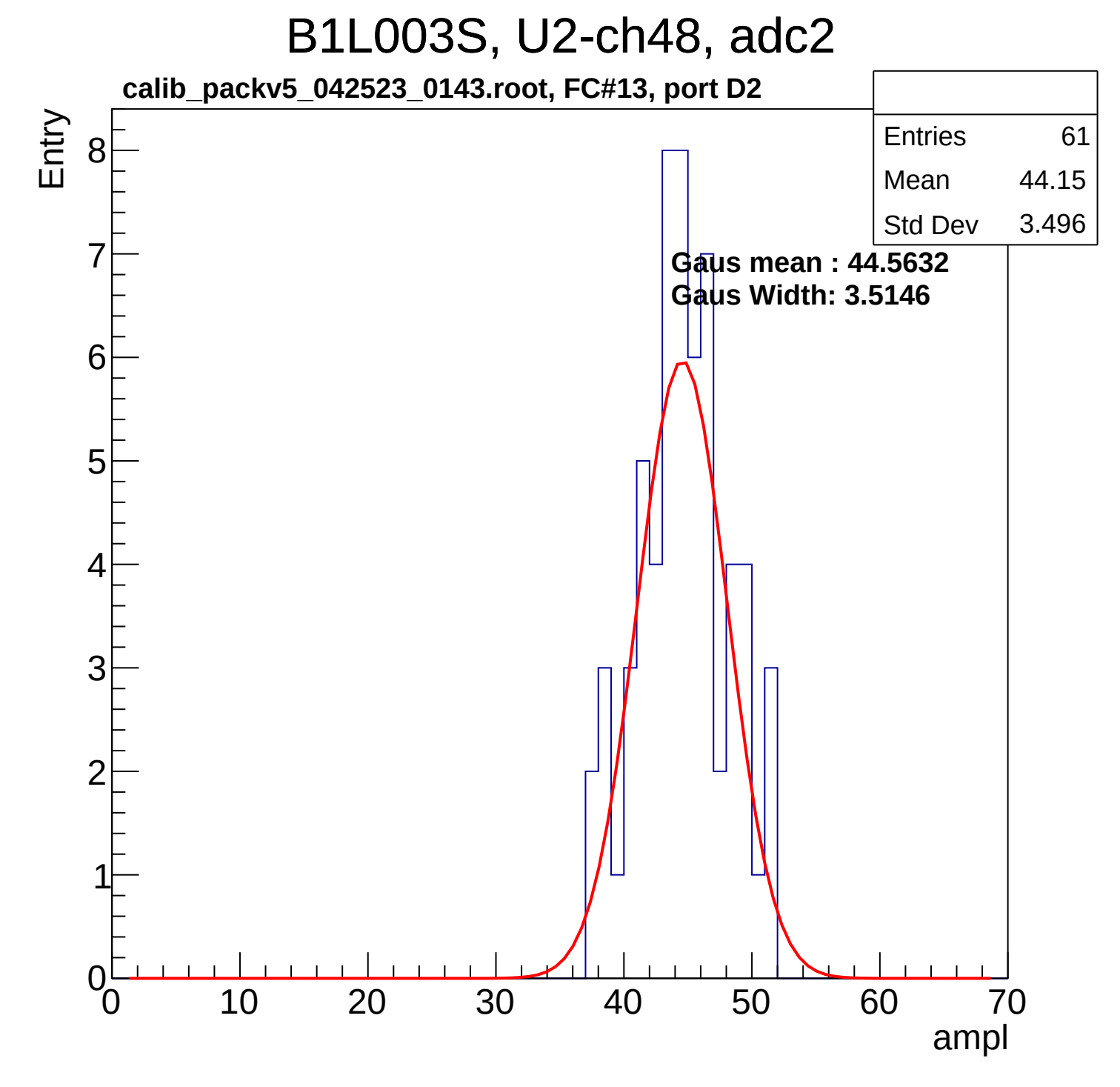
B1L003S, U2-ch48, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 44.15
Std Dev 3.496
Gaus mean : 44.5632
Gaus Width: 3.5146
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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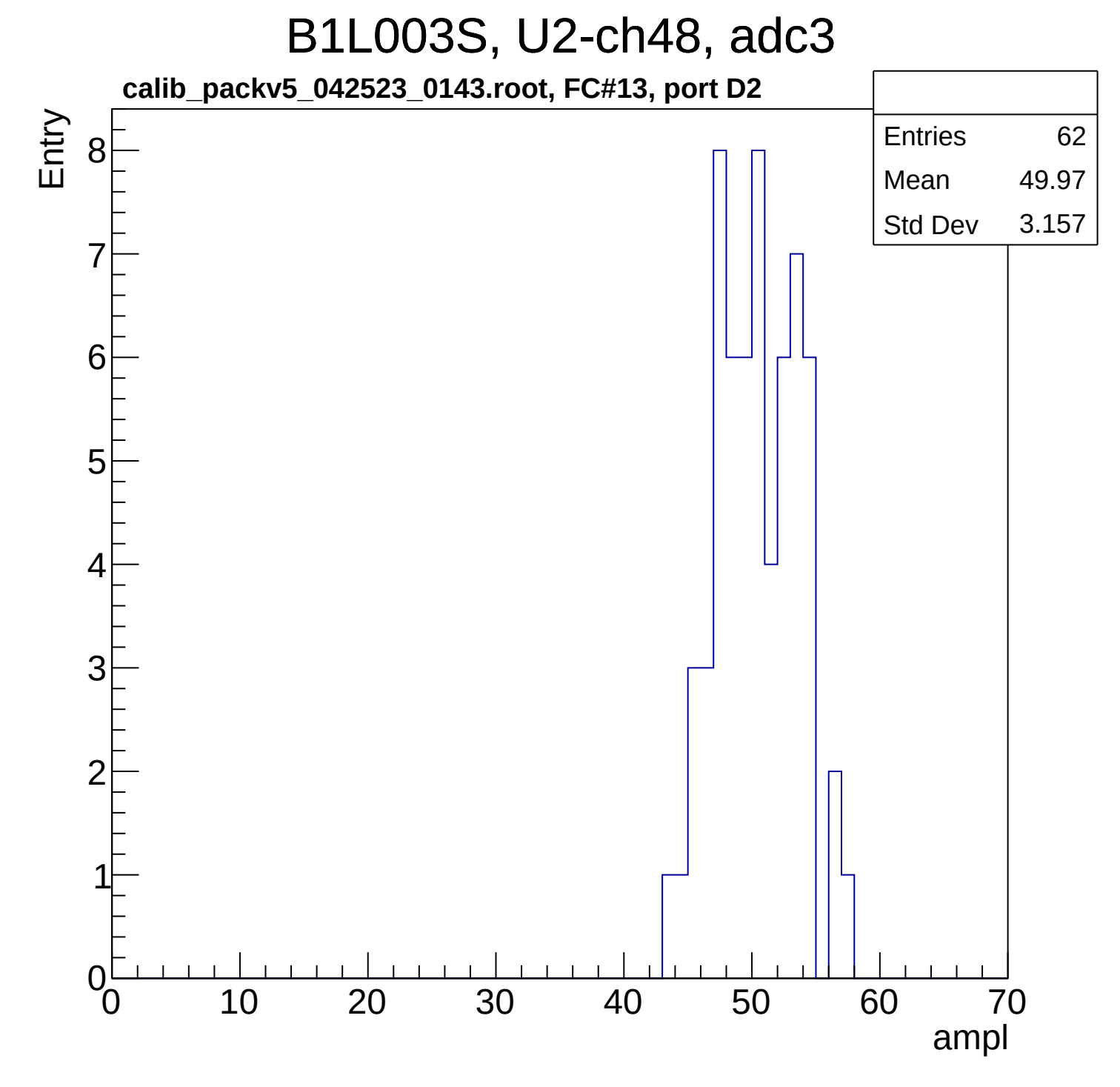
B1L003S, U2-ch48, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 49.97
Std Dev 3.157
Entry
ampl
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0
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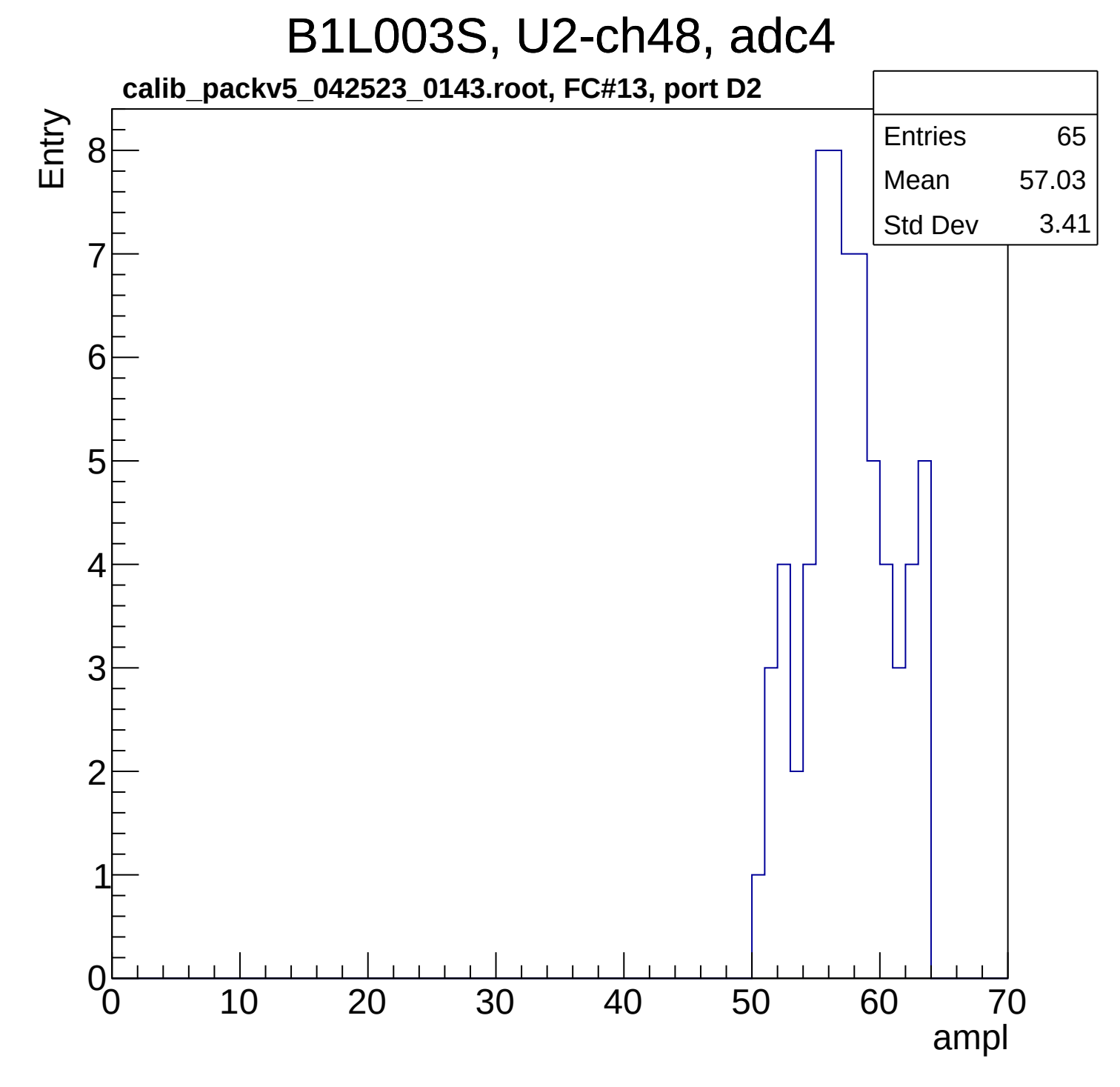
B1L003S, U2-ch48, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 57.03
Std Dev 3.41
Entry
ampl
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4
5
6
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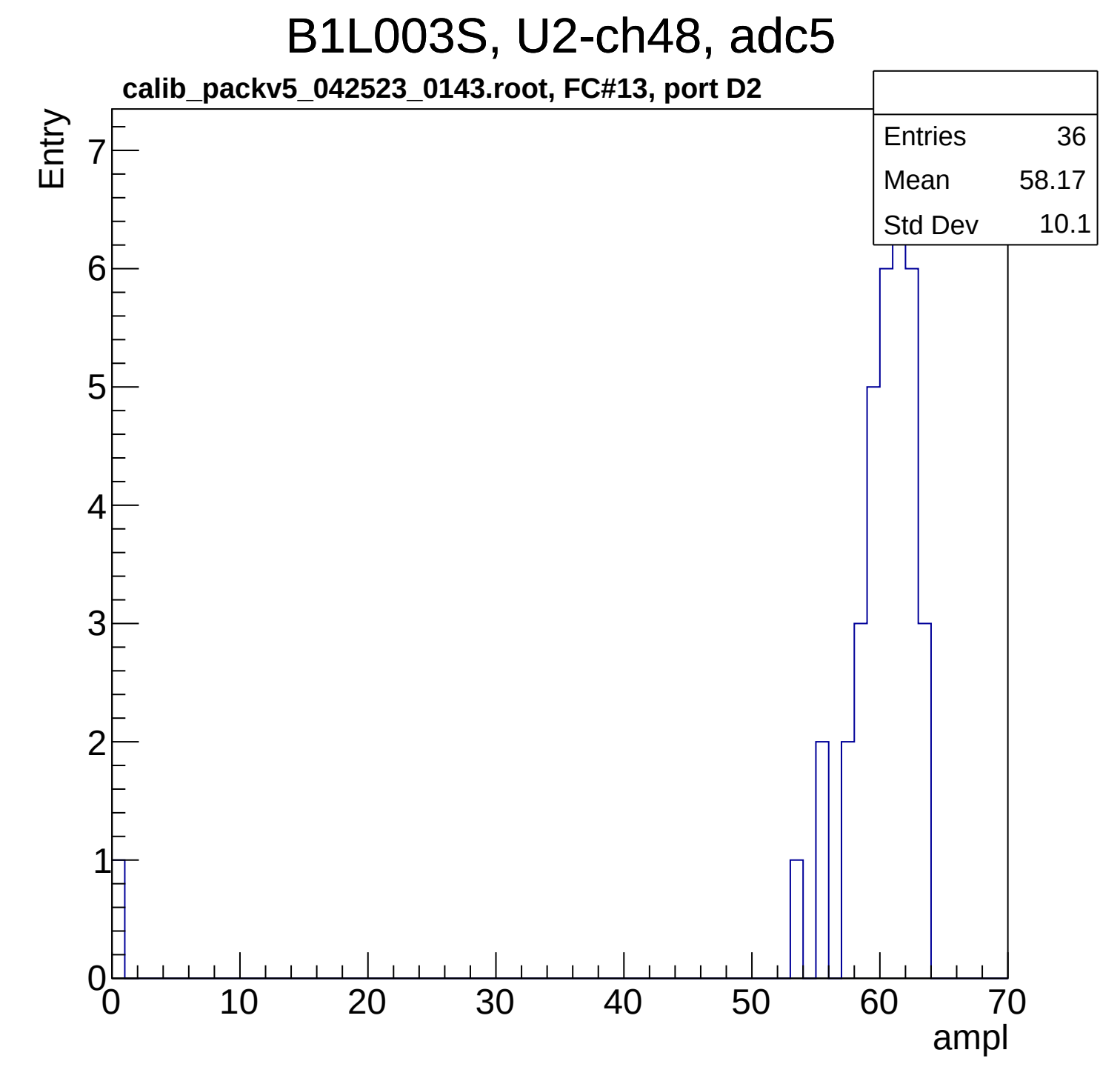
B1L003S, U2-ch48, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 58.17
Std Dev 10.1
Entry
ampl
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1
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3
4
5
6
7
0
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60
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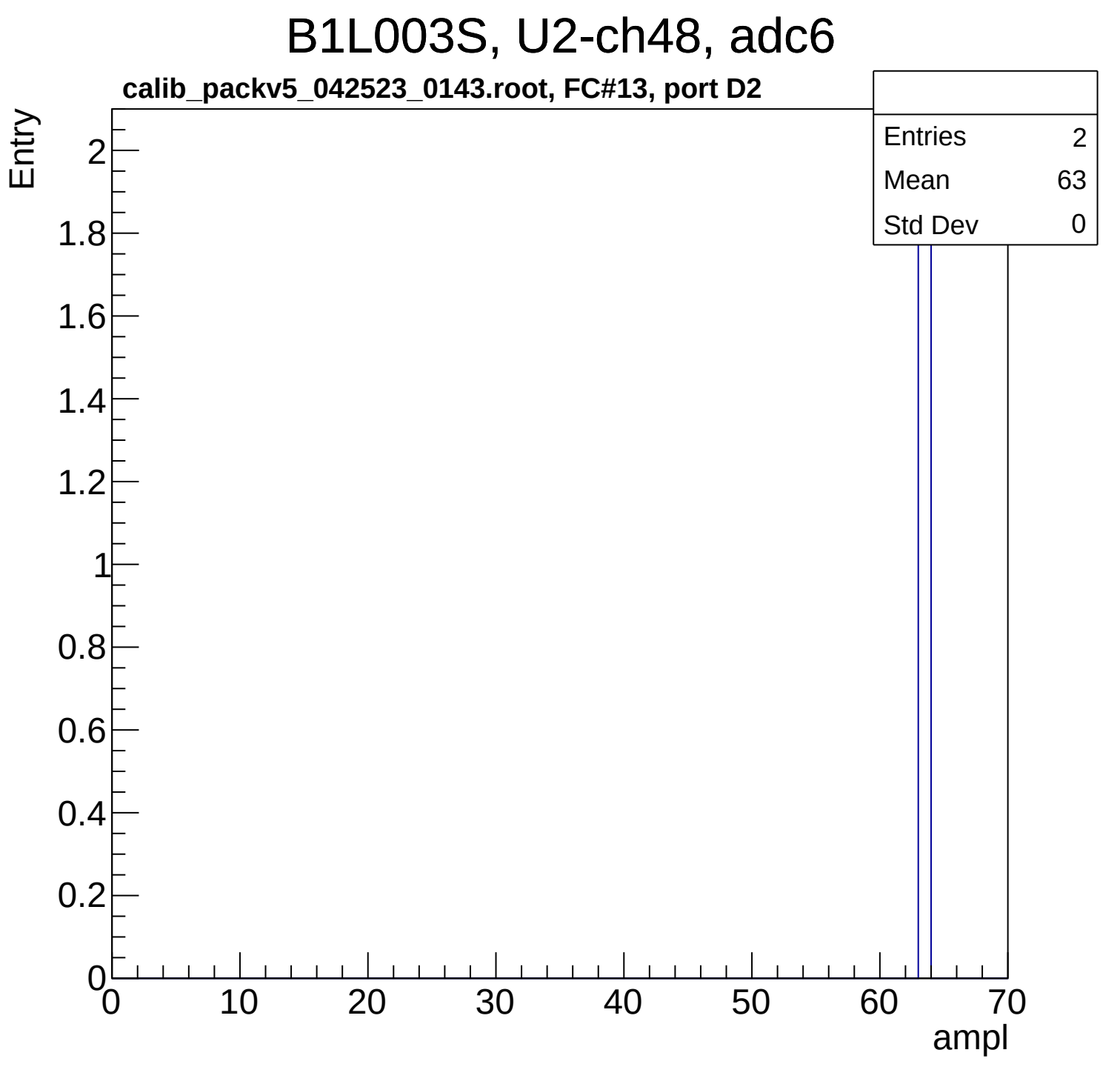
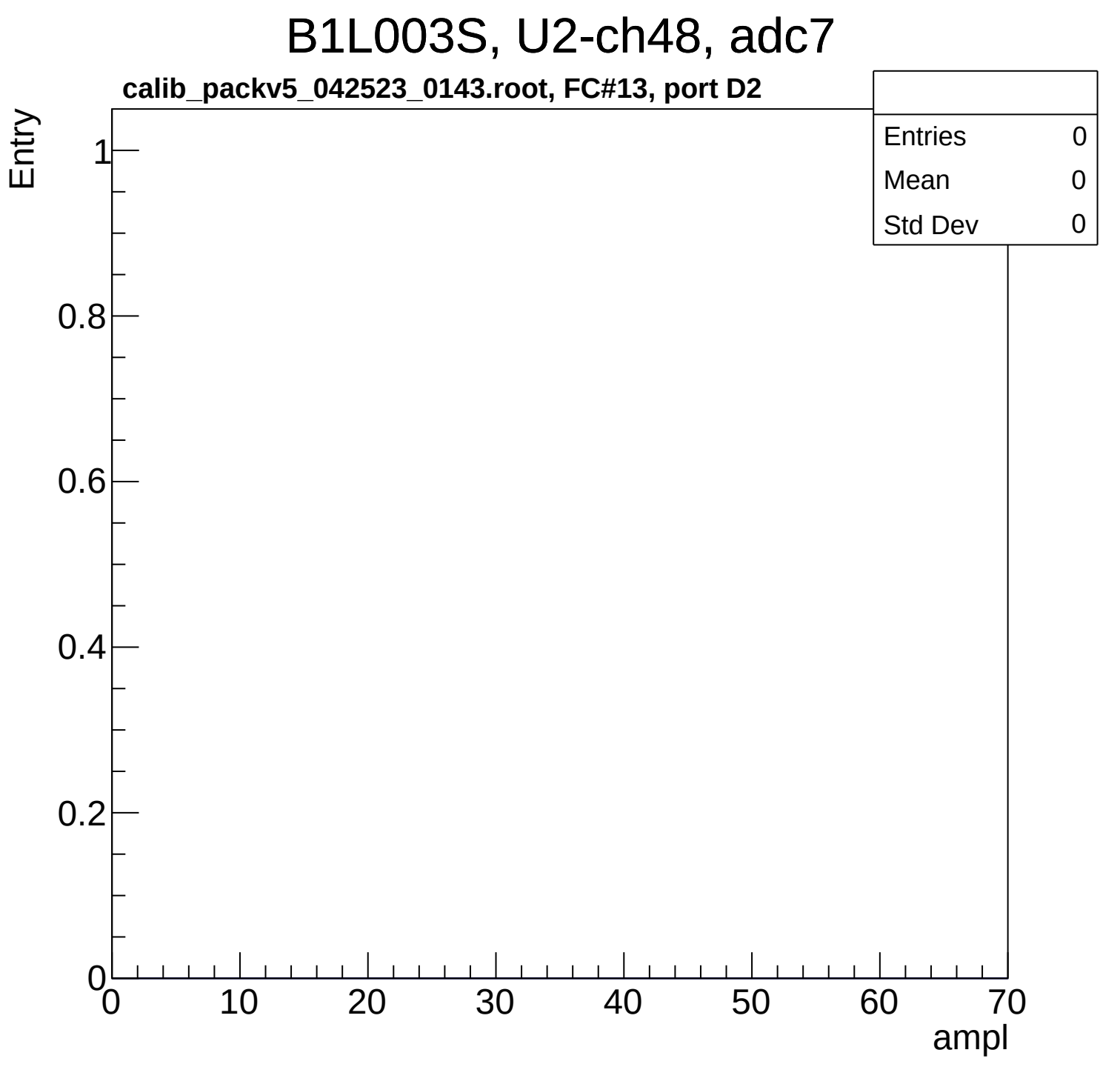

B1L003S, U2-ch48, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U2-ch48, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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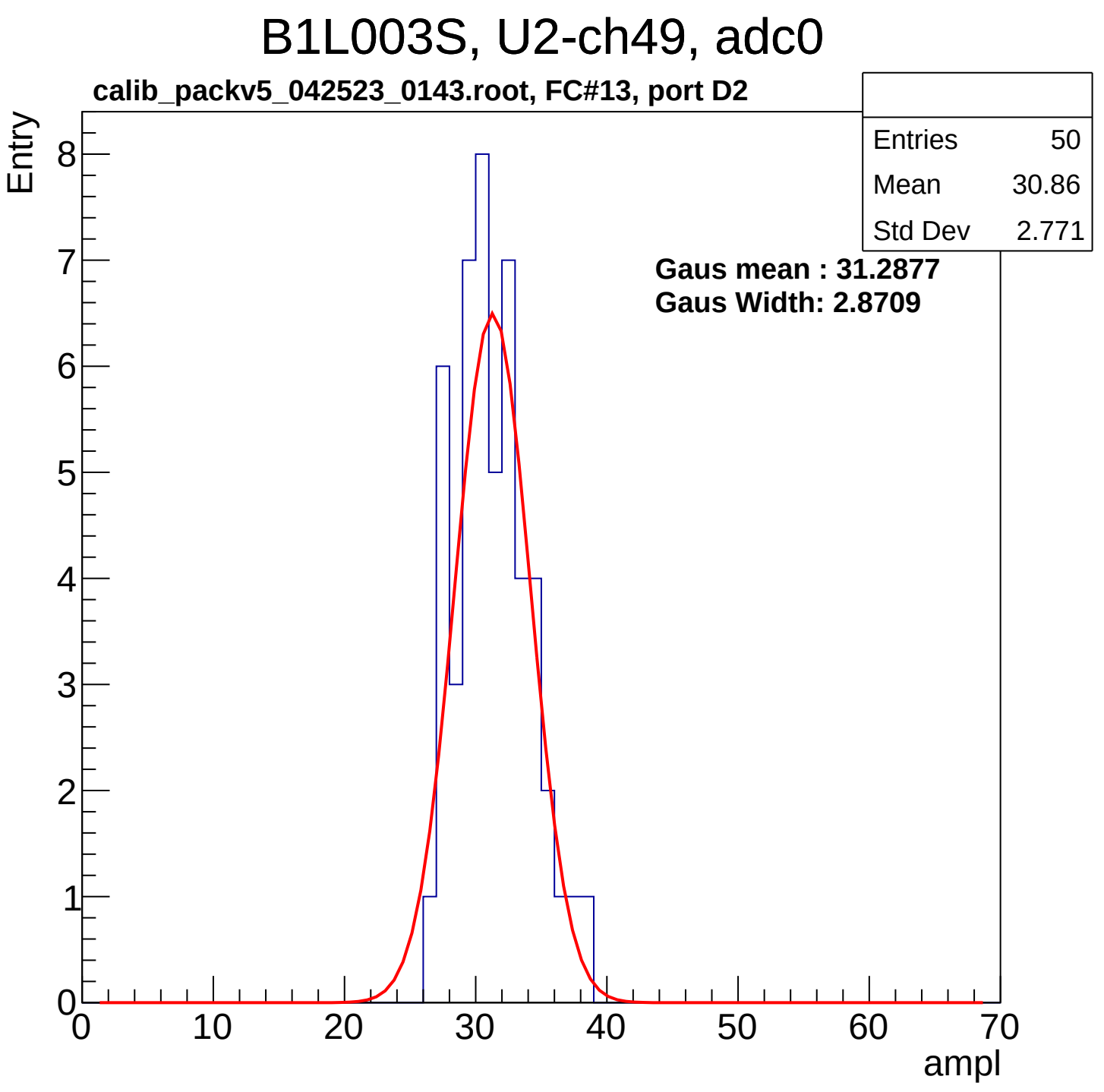
ampl


B1L003S, U2-ch49, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 30.86
Std Dev 2.771
Gaus mean : 31.2877
Gaus Width: 2.8709
Entry
ampl
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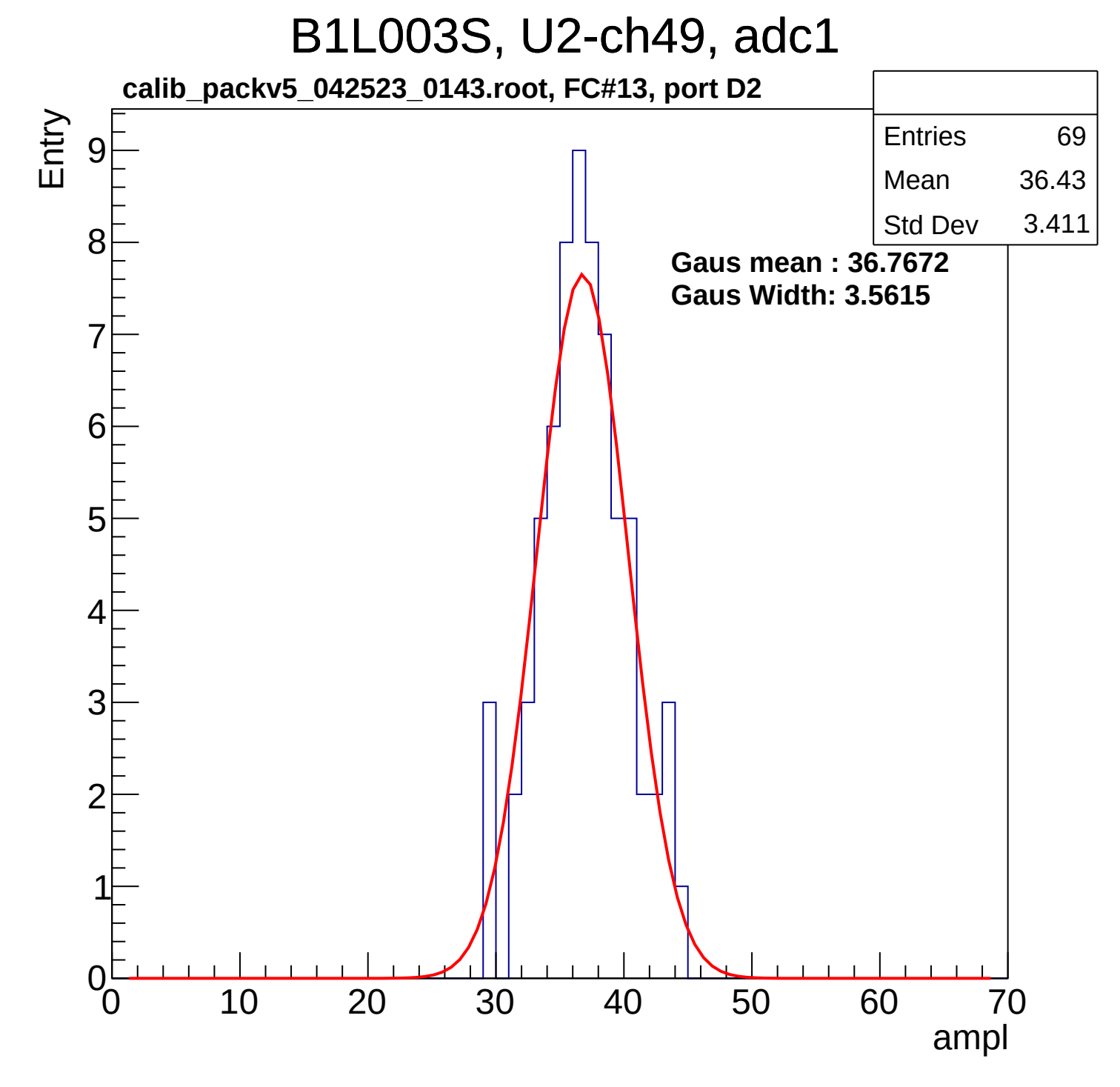
B1L003S, U2-ch49, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 36.43
Std Dev 3.411
Gaus mean : 36.7672
Gaus Width: 3.5615
Entry
ampl
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3
4
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6
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0
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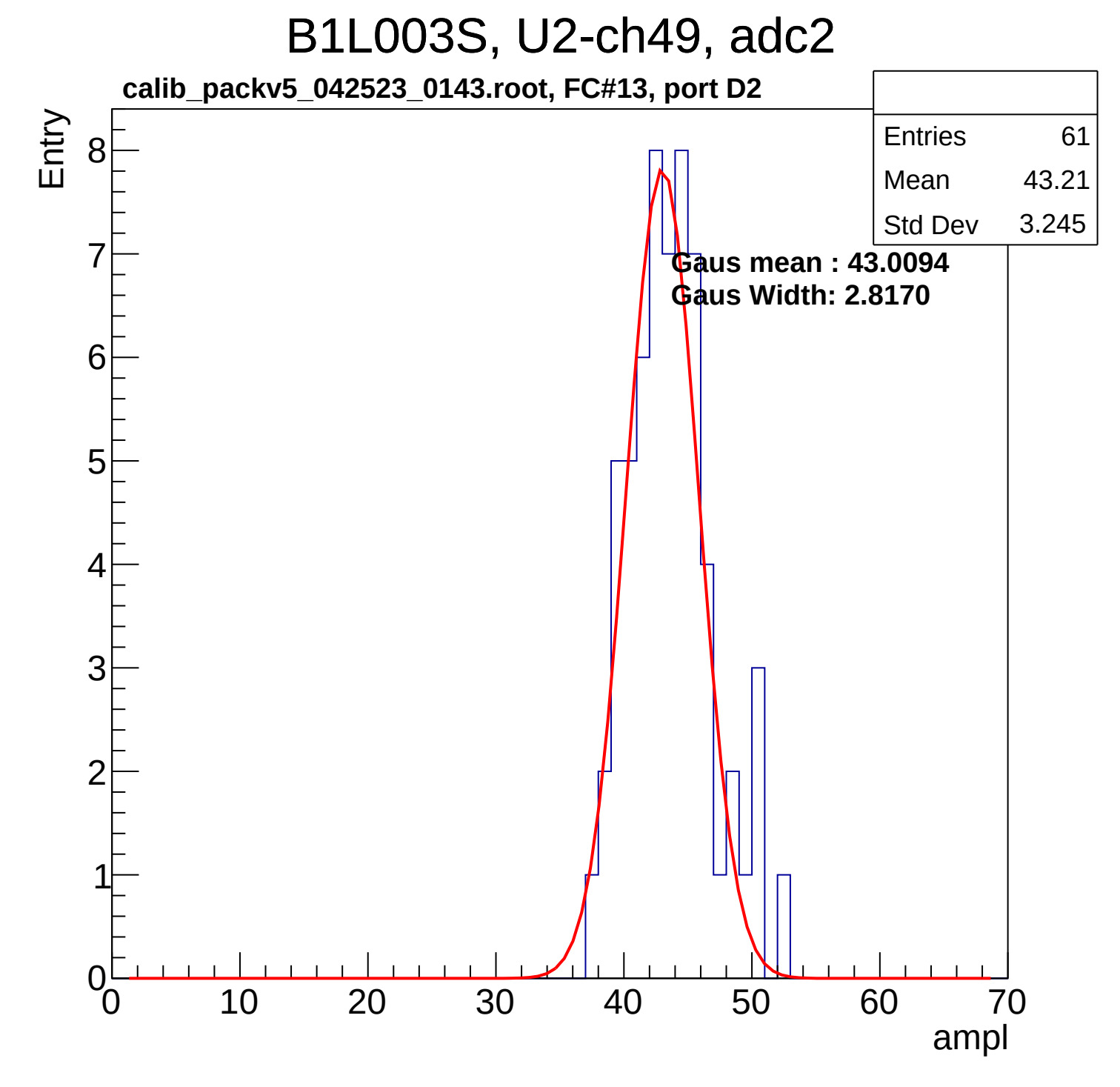
B1L003S, U2-ch49, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 43.21
Std Dev 3.245
Gaus mean : 43.0094
Gaus Width: 2.8170
Entry
ampl
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2
3
4
5
6
7
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0
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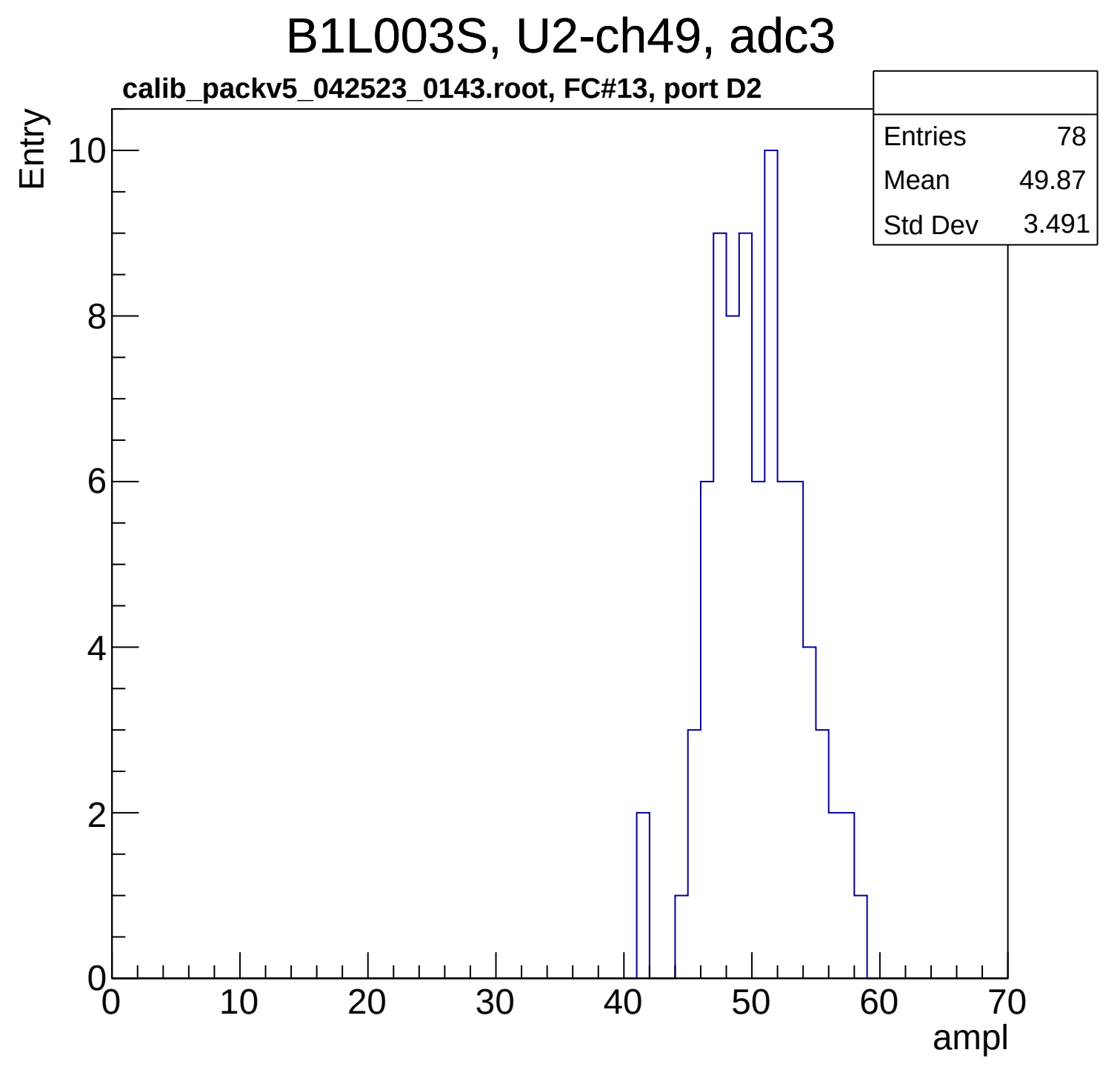
B1L003S, U2-ch49, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 49.87
Std Dev 3.491
Entry
ampl
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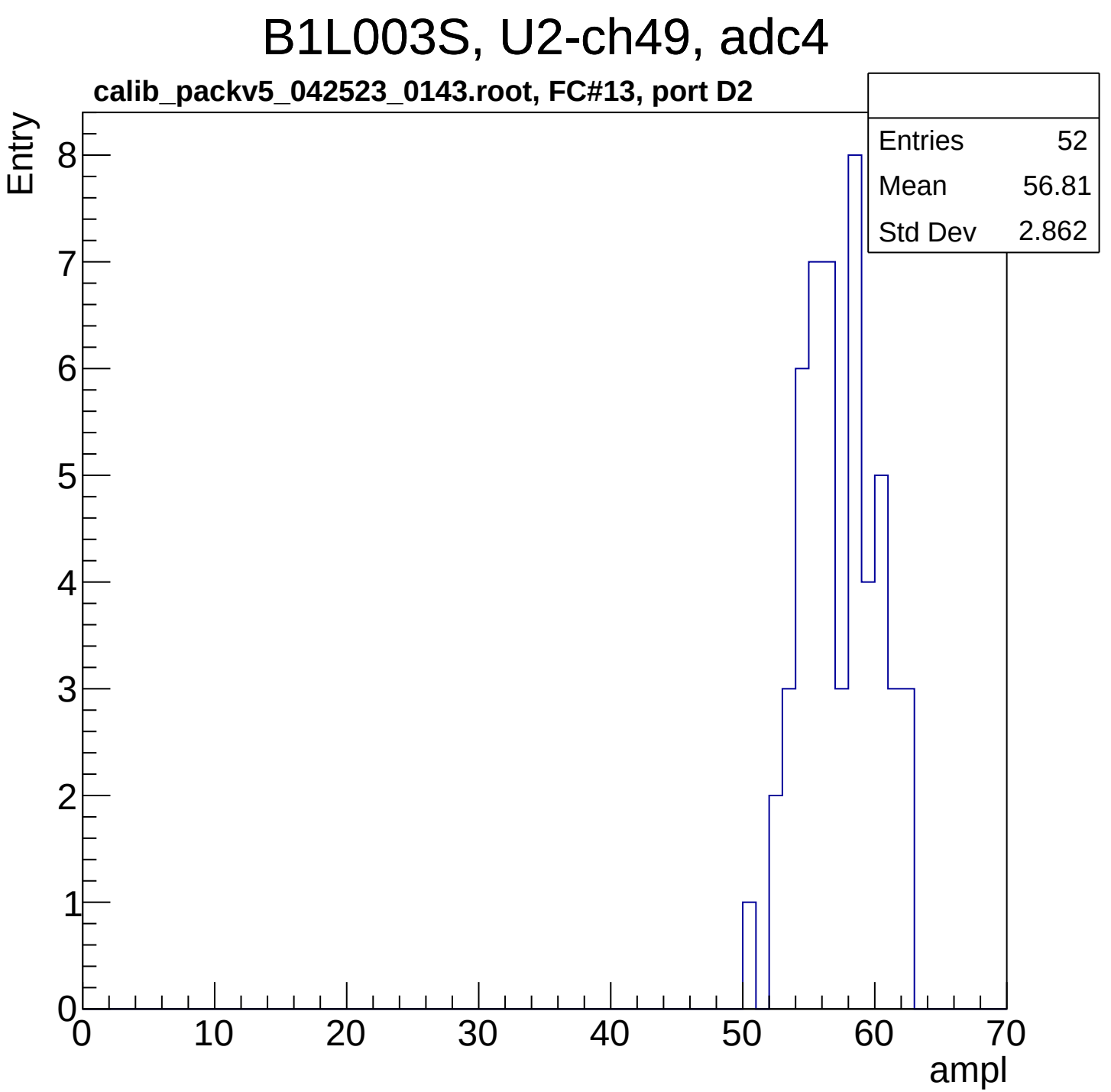
B1L003S, U2-ch49, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 56.81
Std Dev 2.862
Entry
ampl
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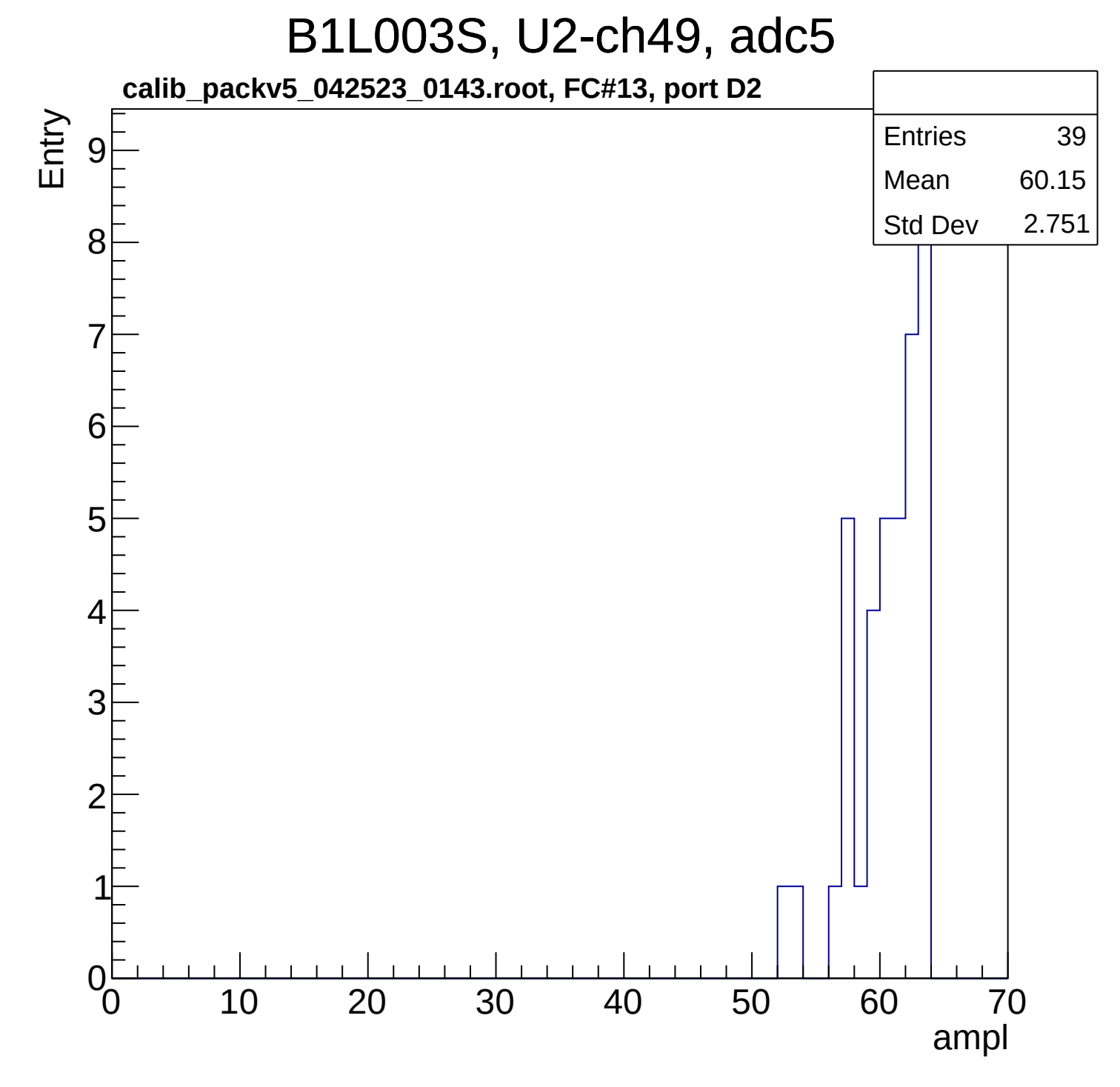
B1L003S, U2-ch49, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 60.15
Std Dev 2.751
Entry
ampl
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3
4
5
6
7
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9
0
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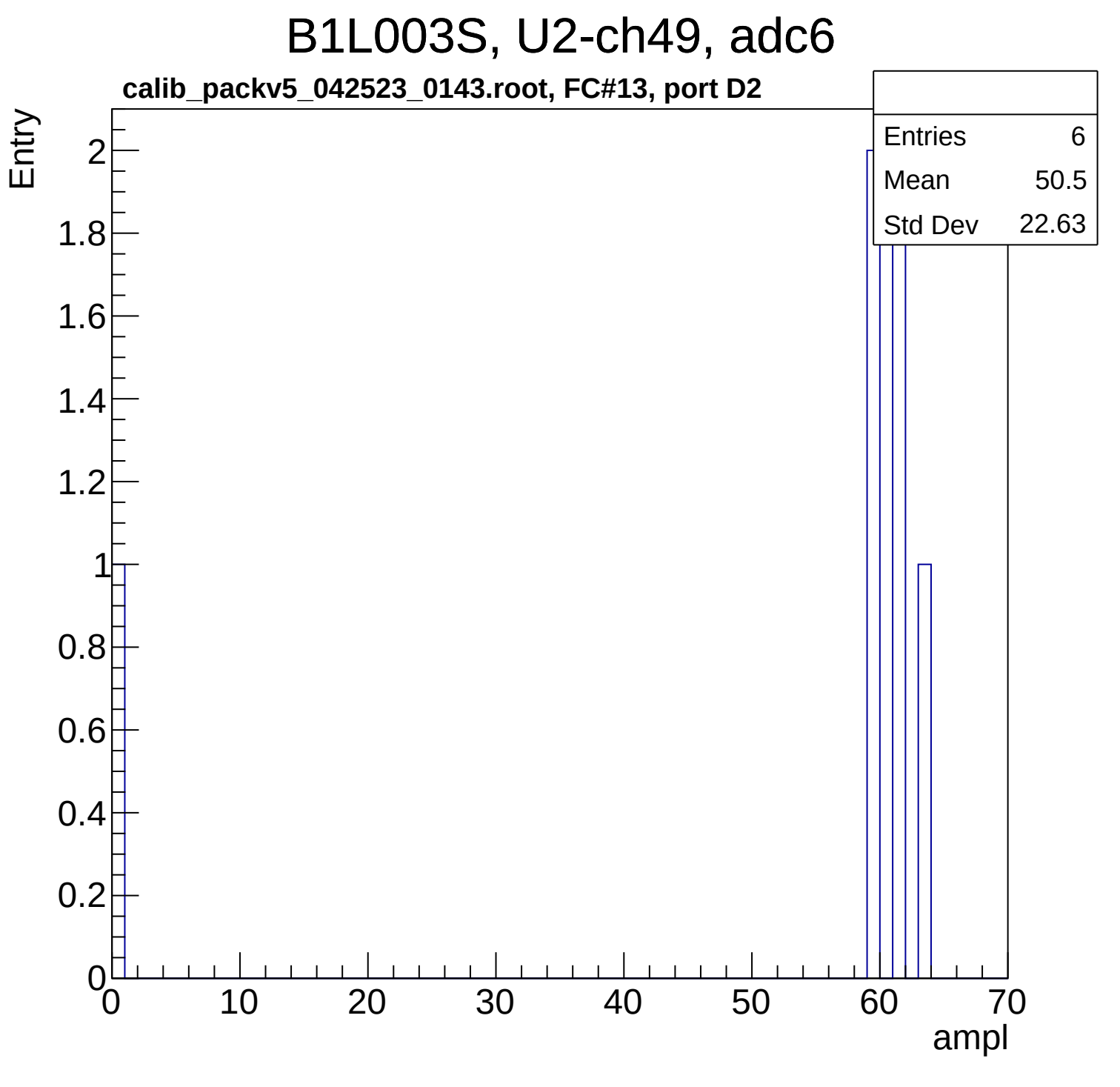
B1L003S, U2-ch49, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 50.5
Std Dev 22.63
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
2
0
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60
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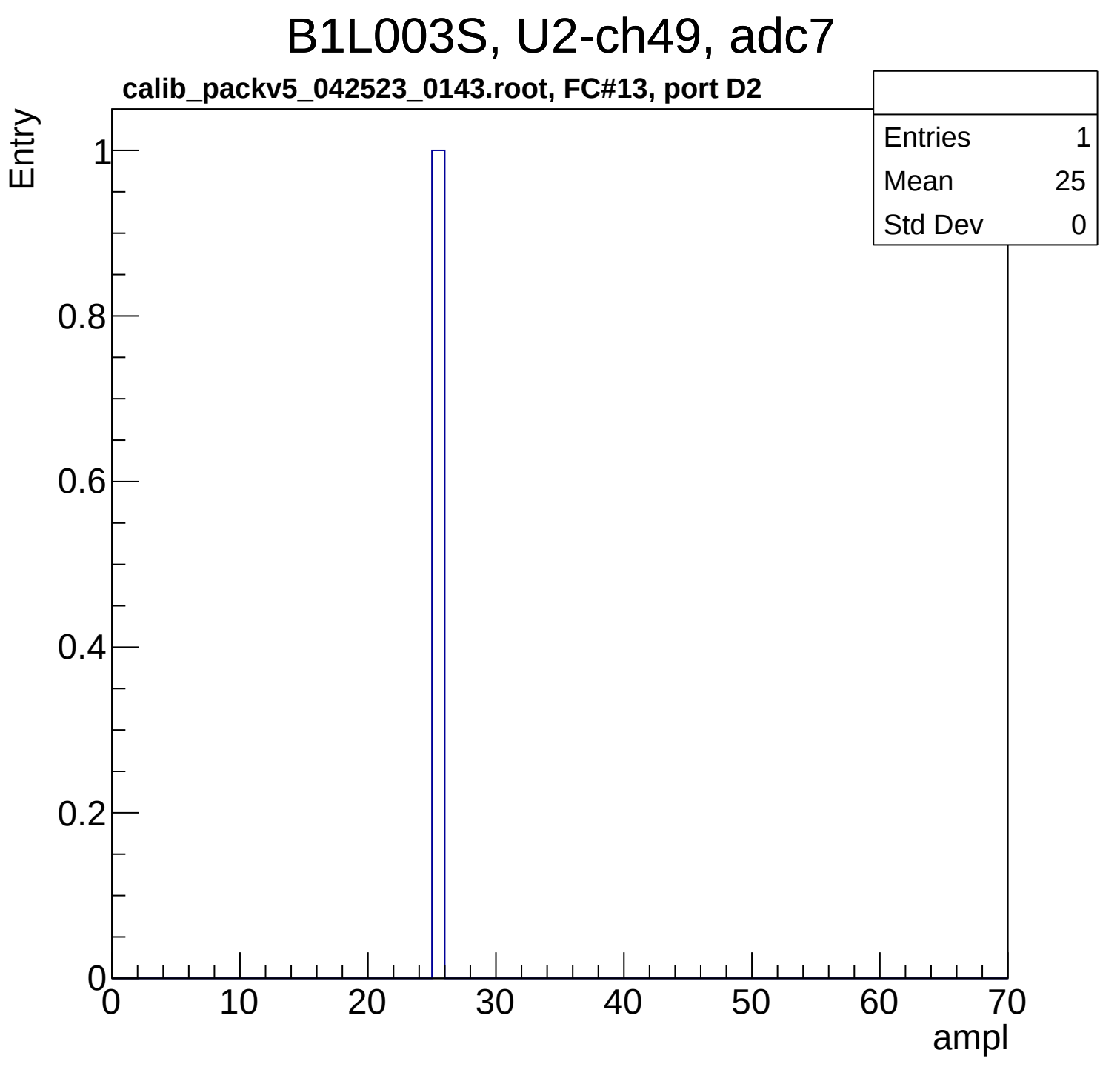
B1L003S, U2-ch49, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 25
Std Dev 0
Entry
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0.6
0.4
0.2
0
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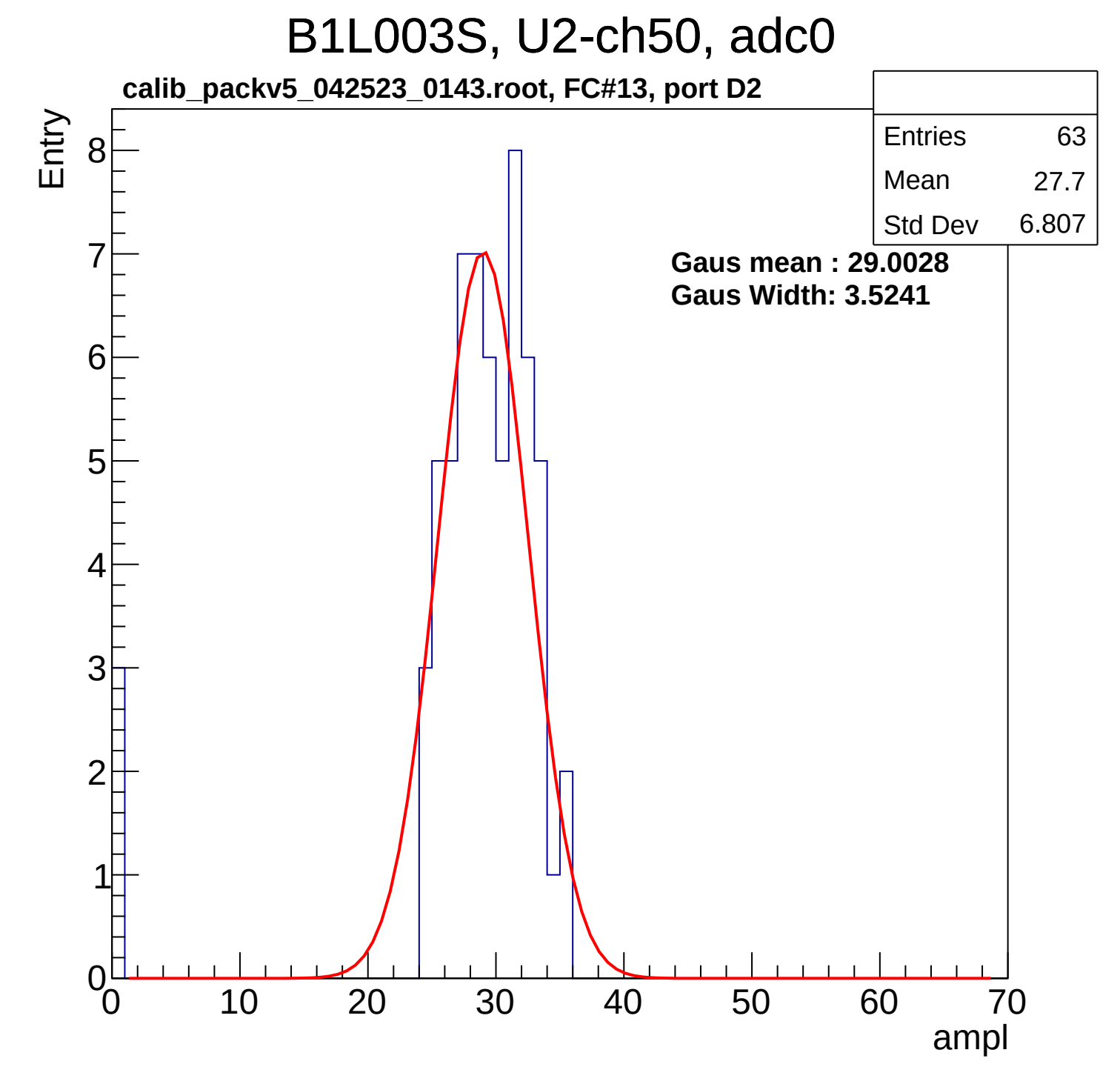
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch50, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 27.7
Std Dev 6.807
Gaus mean : 29.0028
Gaus Width: 3.5241
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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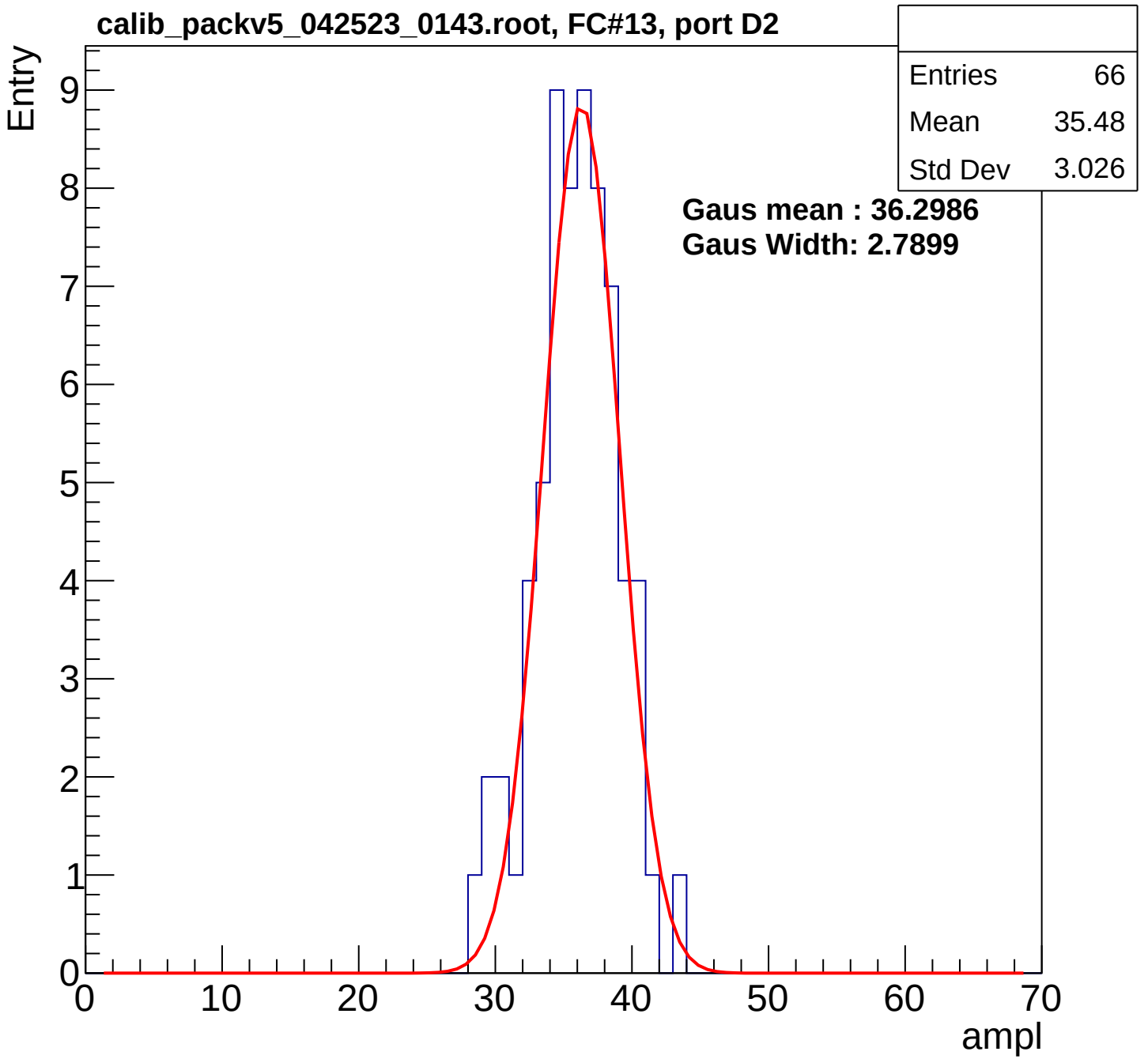
B1L003S, U2-ch50, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 35.48
Std Dev 3.026
Gaus mean : 36.2986
Gaus Width: 2.7899
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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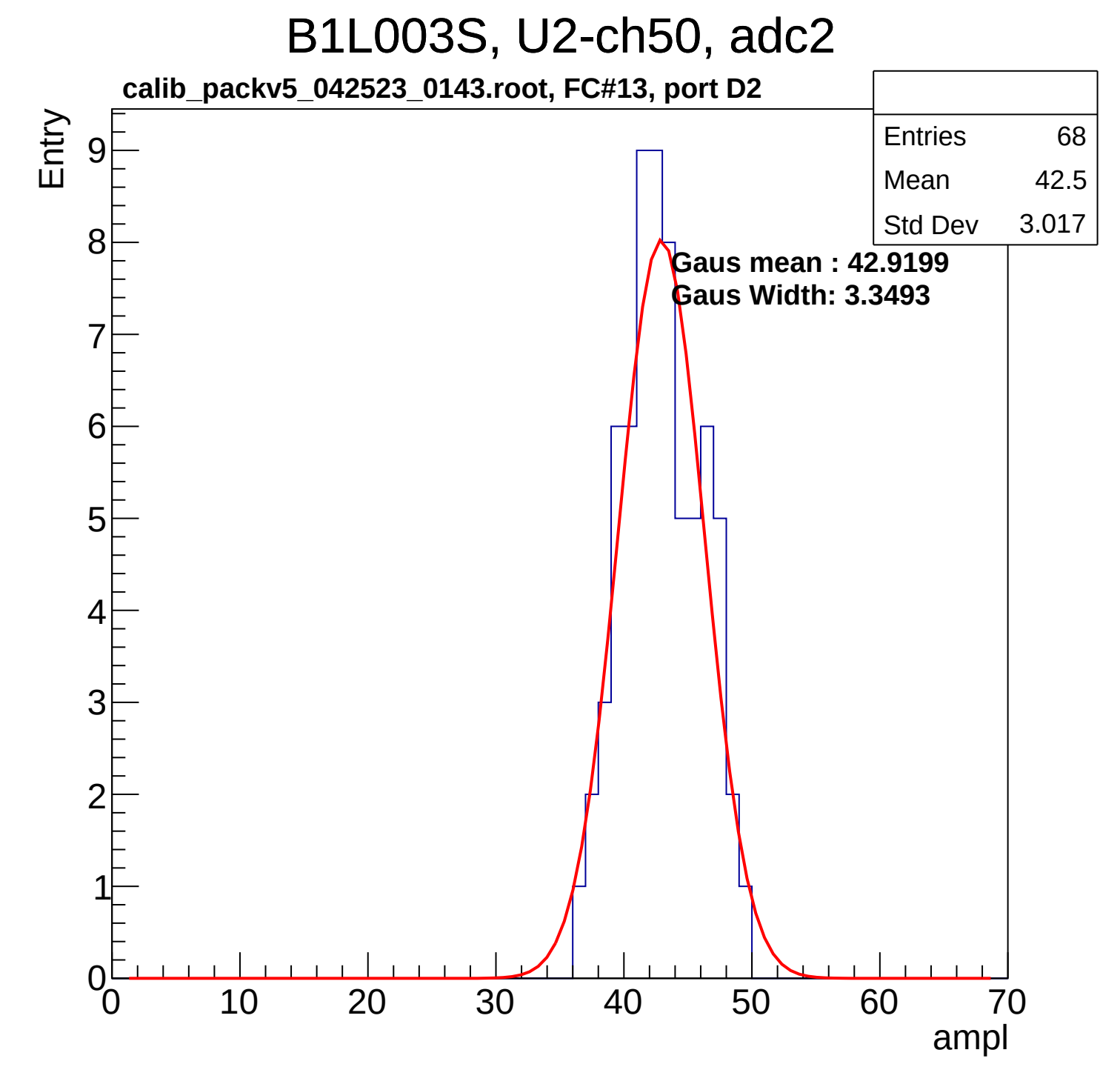
B1L003S, U2-ch50, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 42.5
Std Dev 3.017
Gaus mean : 42.9199
Gaus Width: 3.3493
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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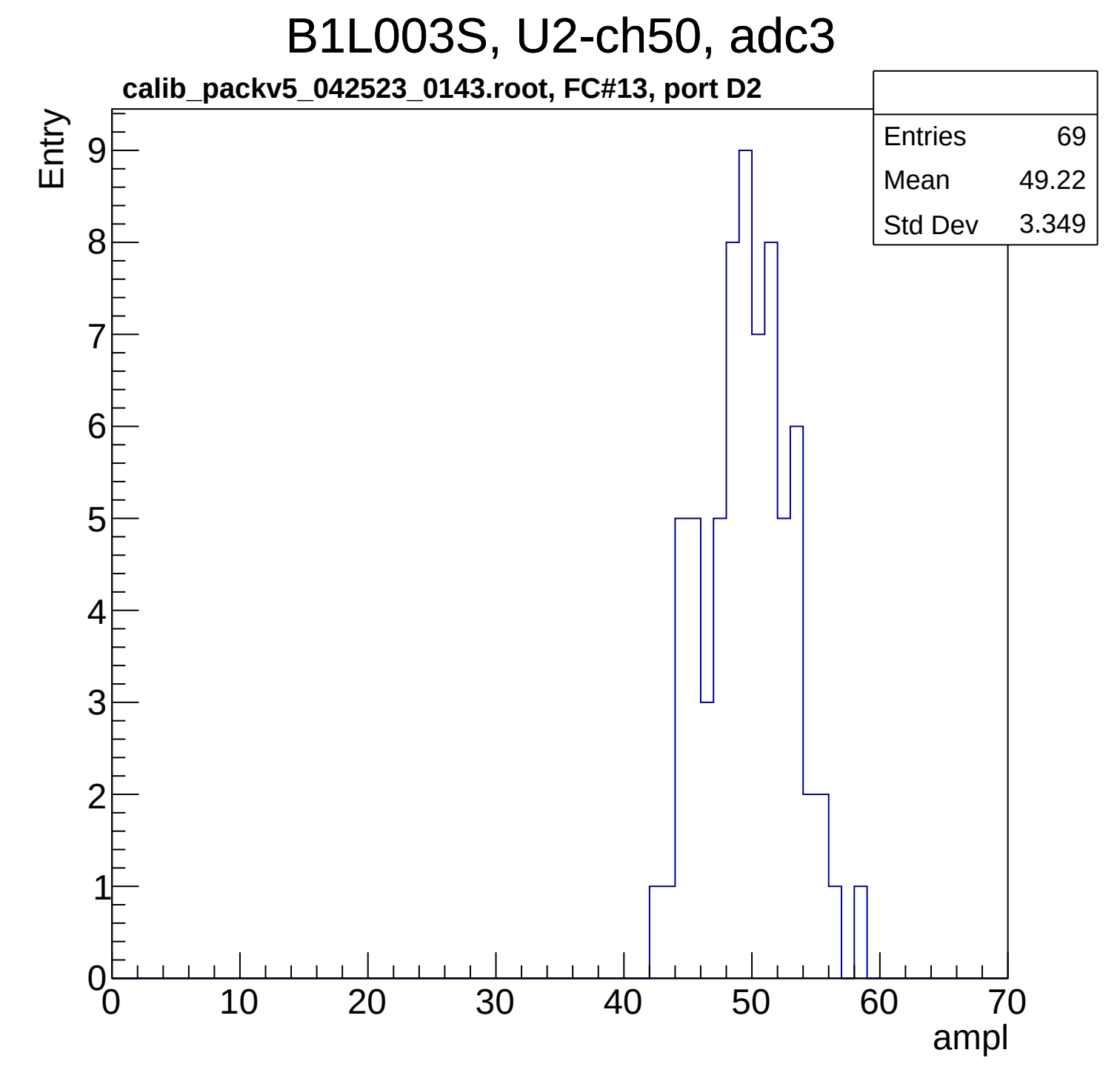
B1L003S, U2-ch50, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 49.22
Std Dev 3.349
Entry
ampl
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3
4
5
6
7
8
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0
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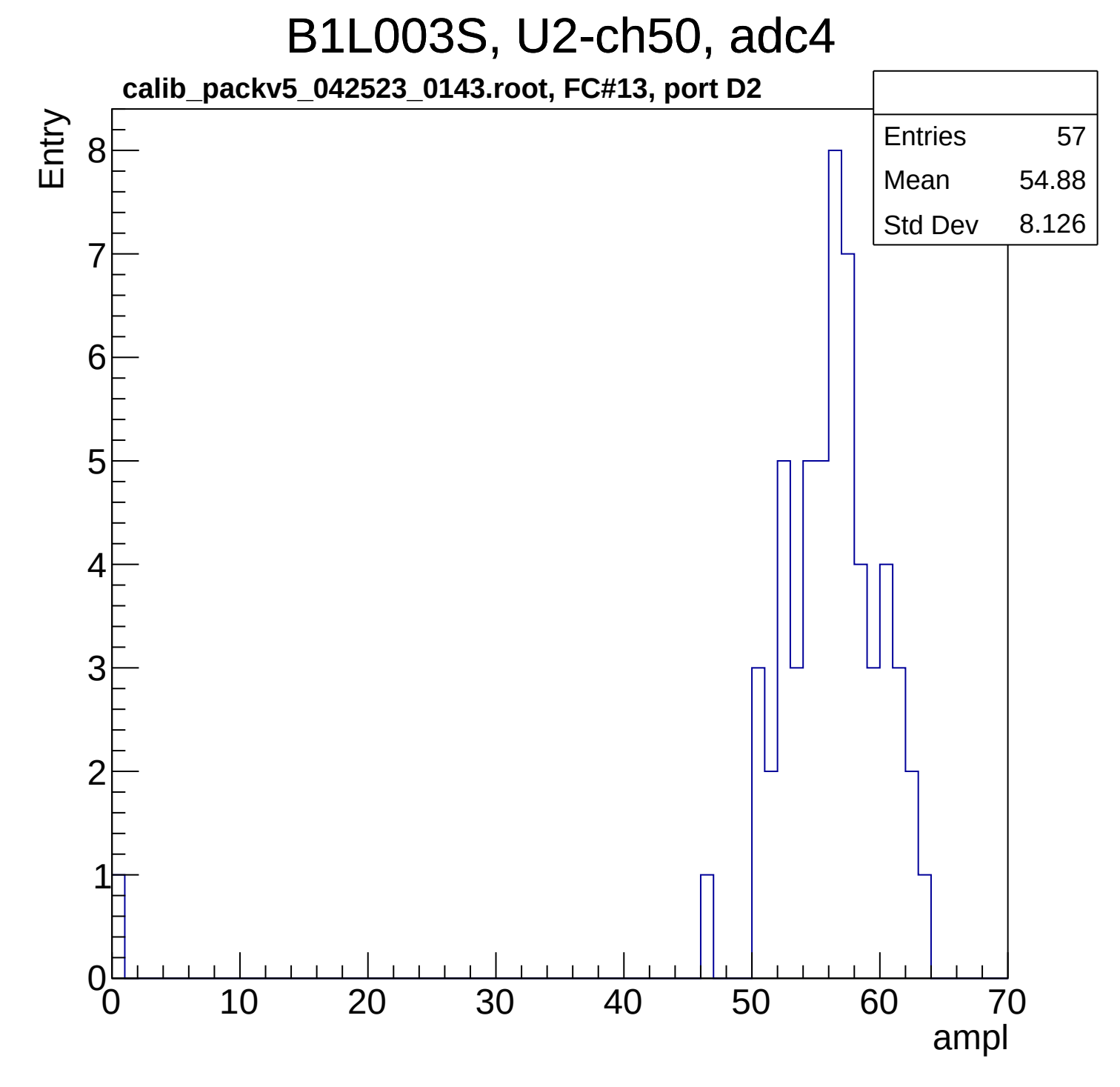
B1L003S, U2-ch50, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 54.88
Std Dev 8.126
Entry
ampl
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2
3
4
5
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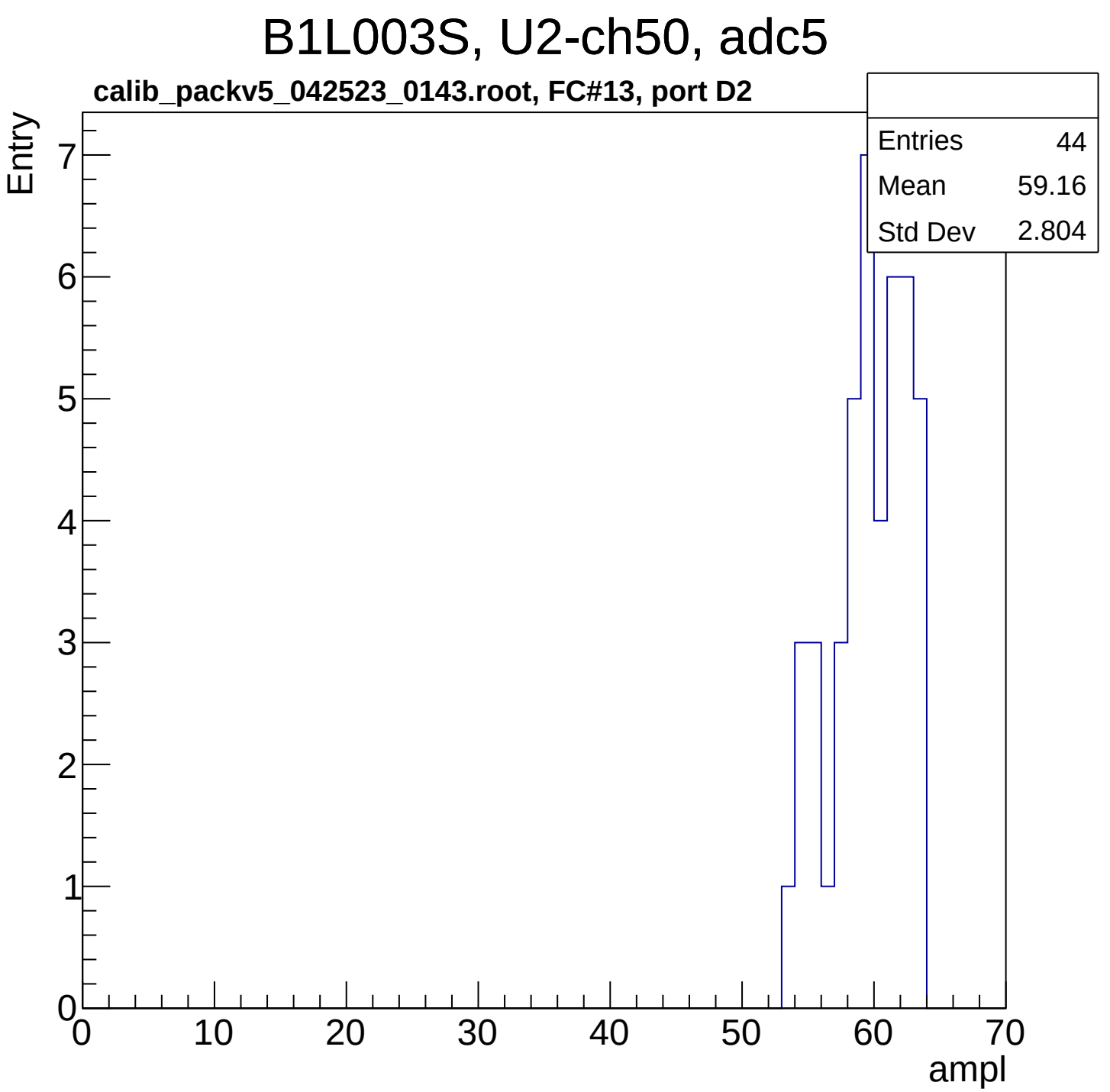
B1L003S, U2-ch50, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.16
Std Dev 2.804
Entry
ampl
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1
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3
4
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0
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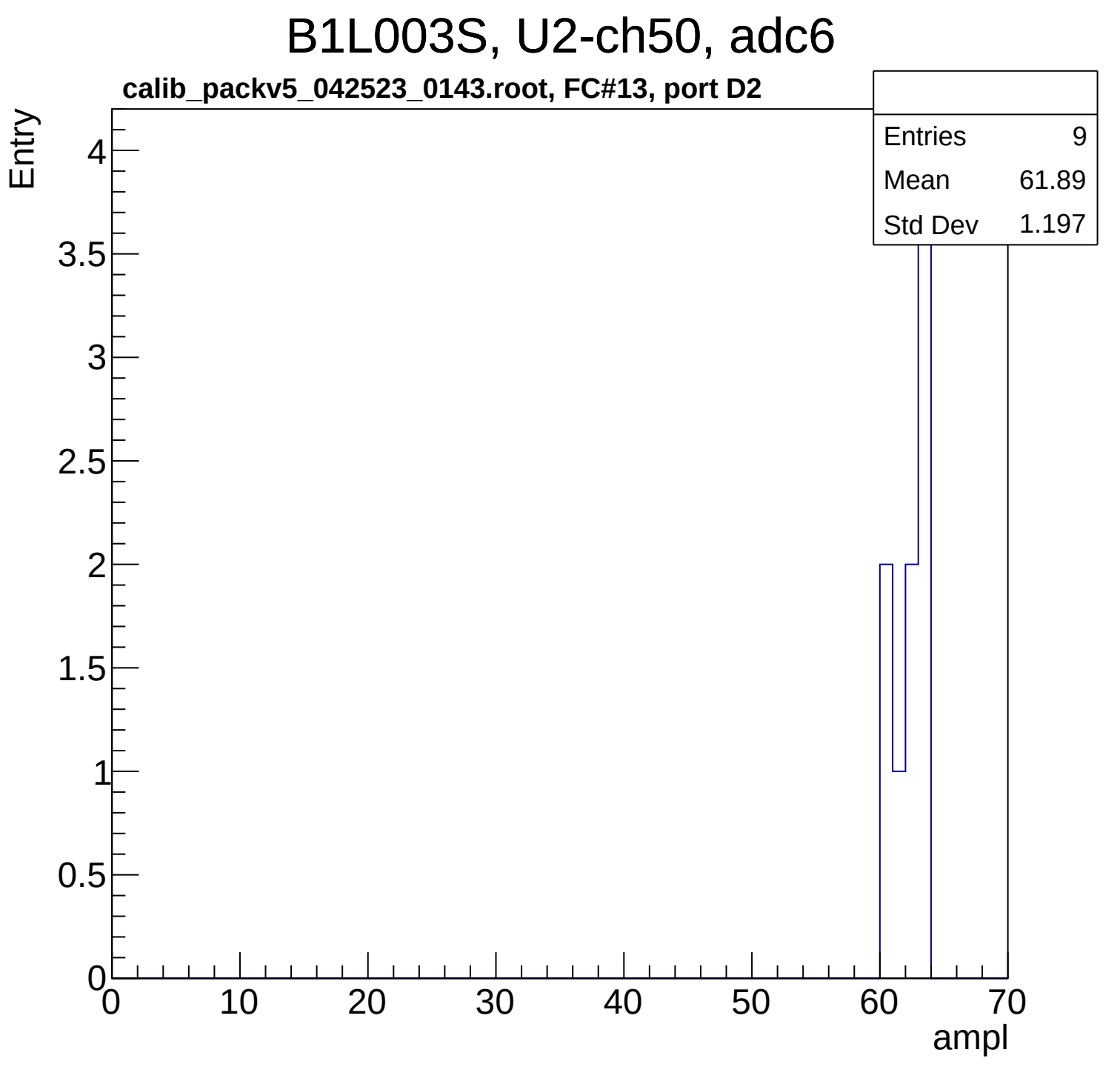
B1L003S, U2-ch50, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.89
Std Dev 1.197
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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60
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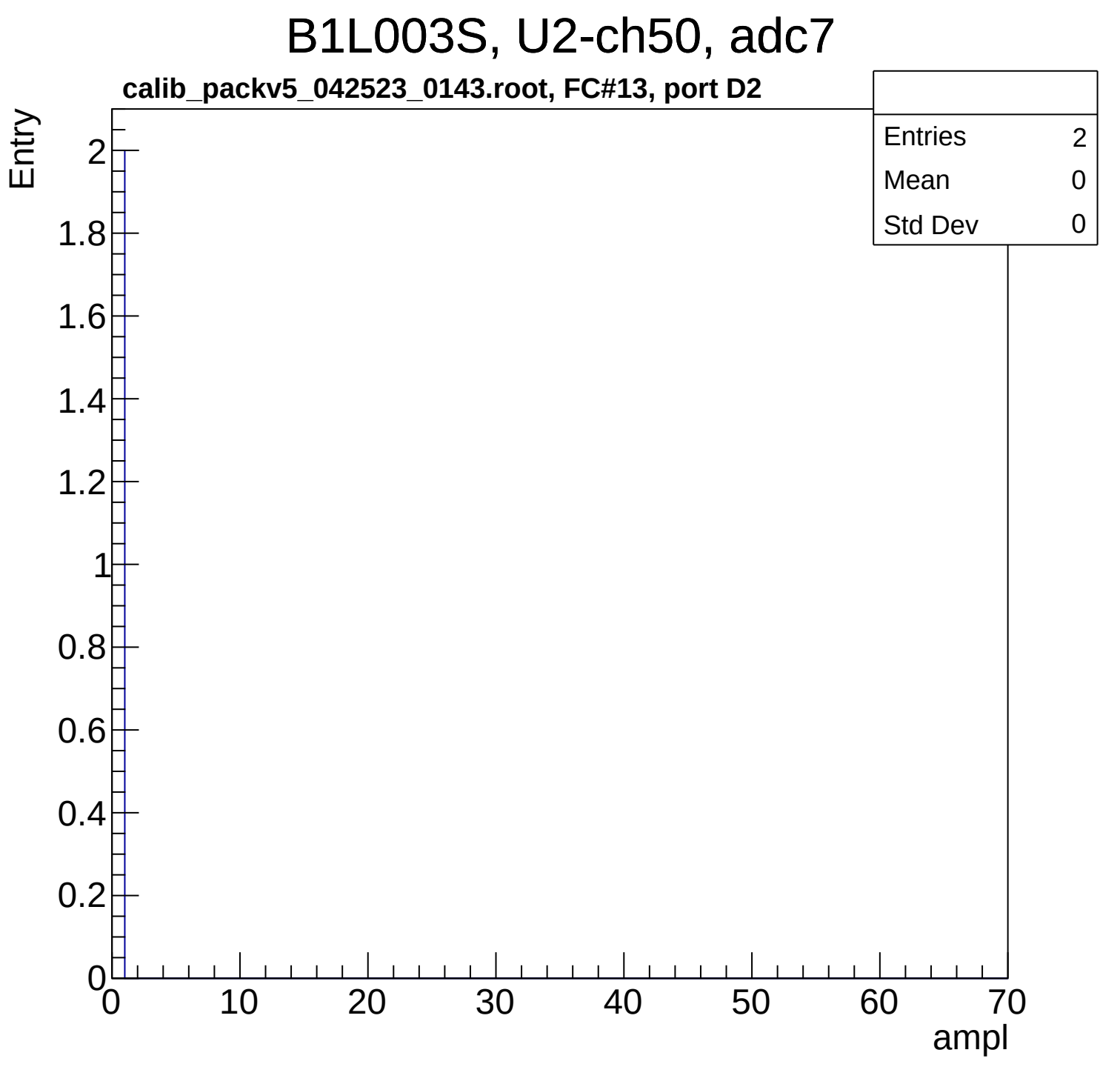
B1L003S, U2-ch50, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
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60
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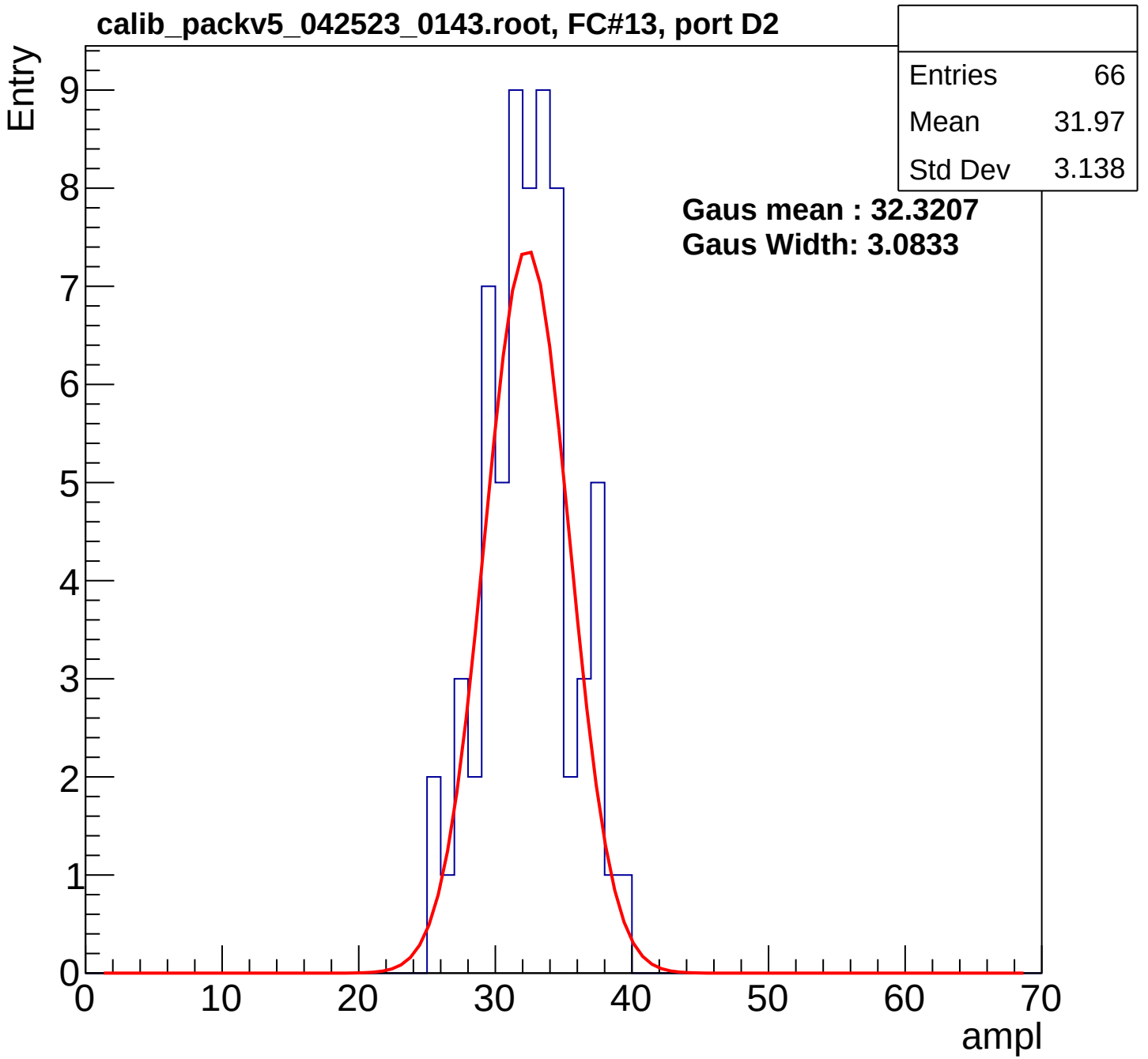
B1L003S, U2-ch51, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 31.97
Std Dev 3.138
Gaus mean : 32.3207
Gaus Width: 3.0833
Entry
ampl
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3
4
5
6
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8
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0
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40
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60
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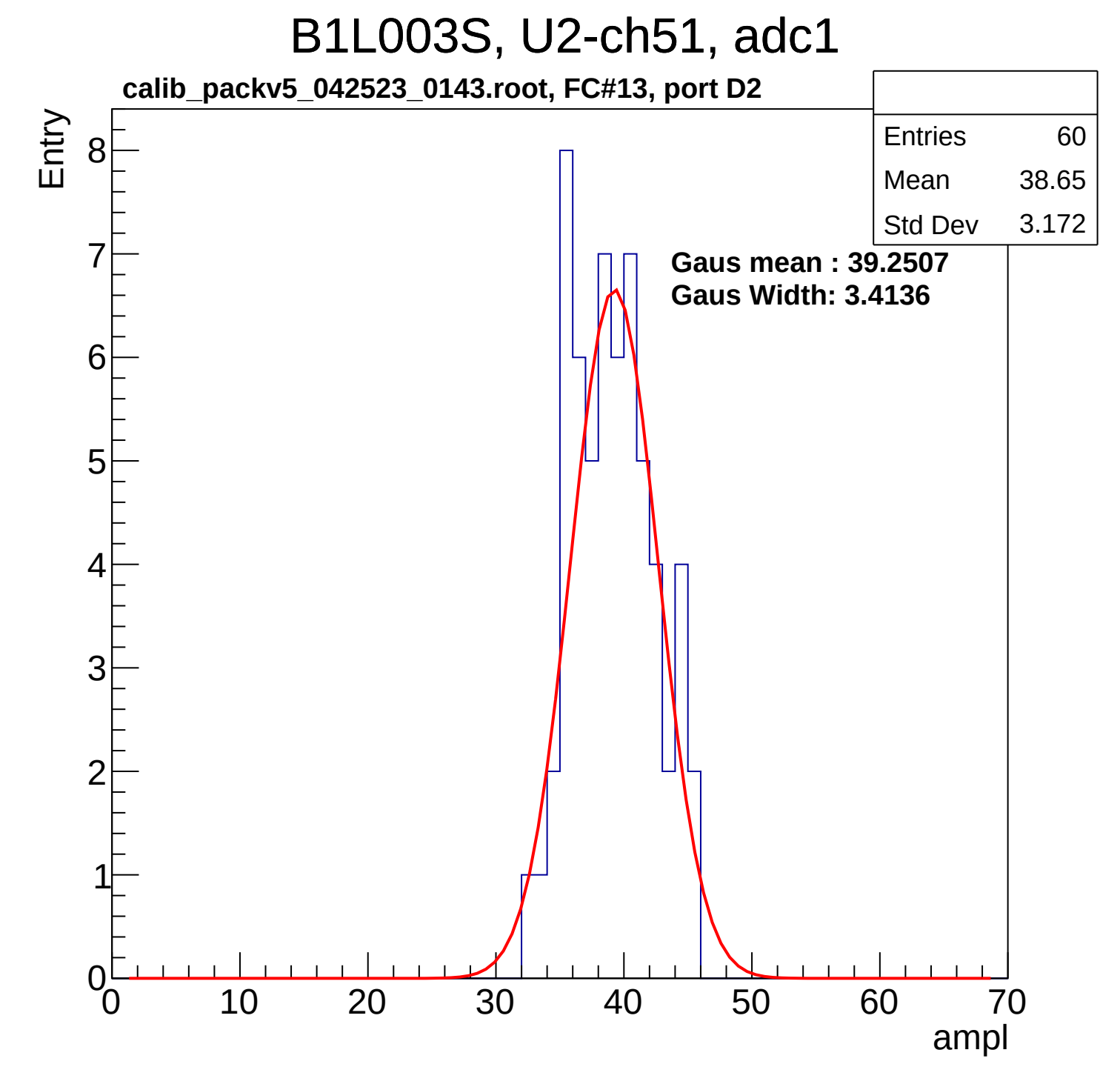
B1L003S, U2-ch51, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 38.65
Std Dev 3.172
Gaus mean : 39.2507
Gaus Width: 3.4136
Entry
ampl
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3
4
5
6
7
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0
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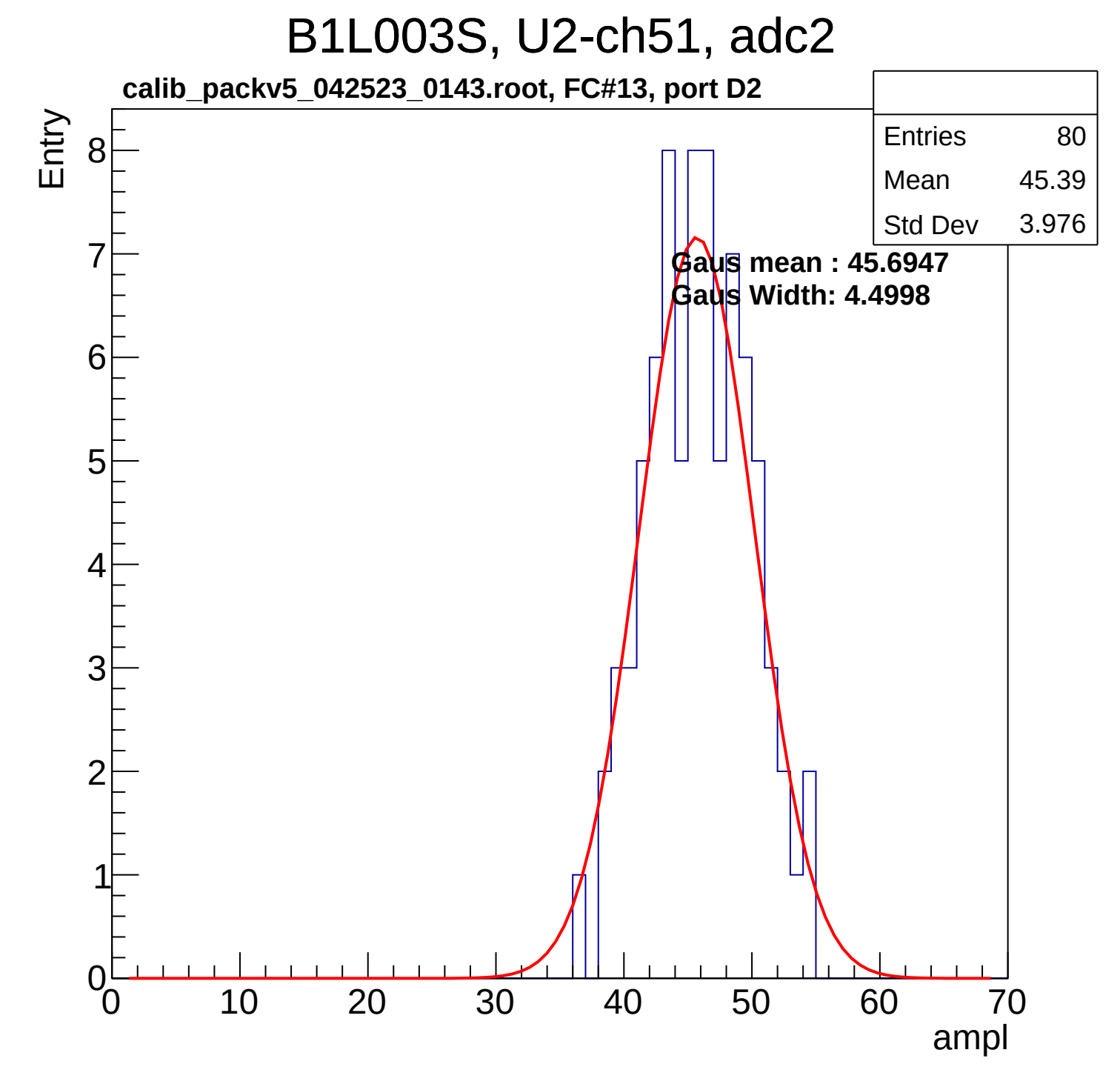
B1L003S, U2-ch51, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 45.39
Std Dev 3.976
Gaus mean : 45.6947
Gaus Width: 4.4998
Entry
ampl
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1
2
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4
5
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0
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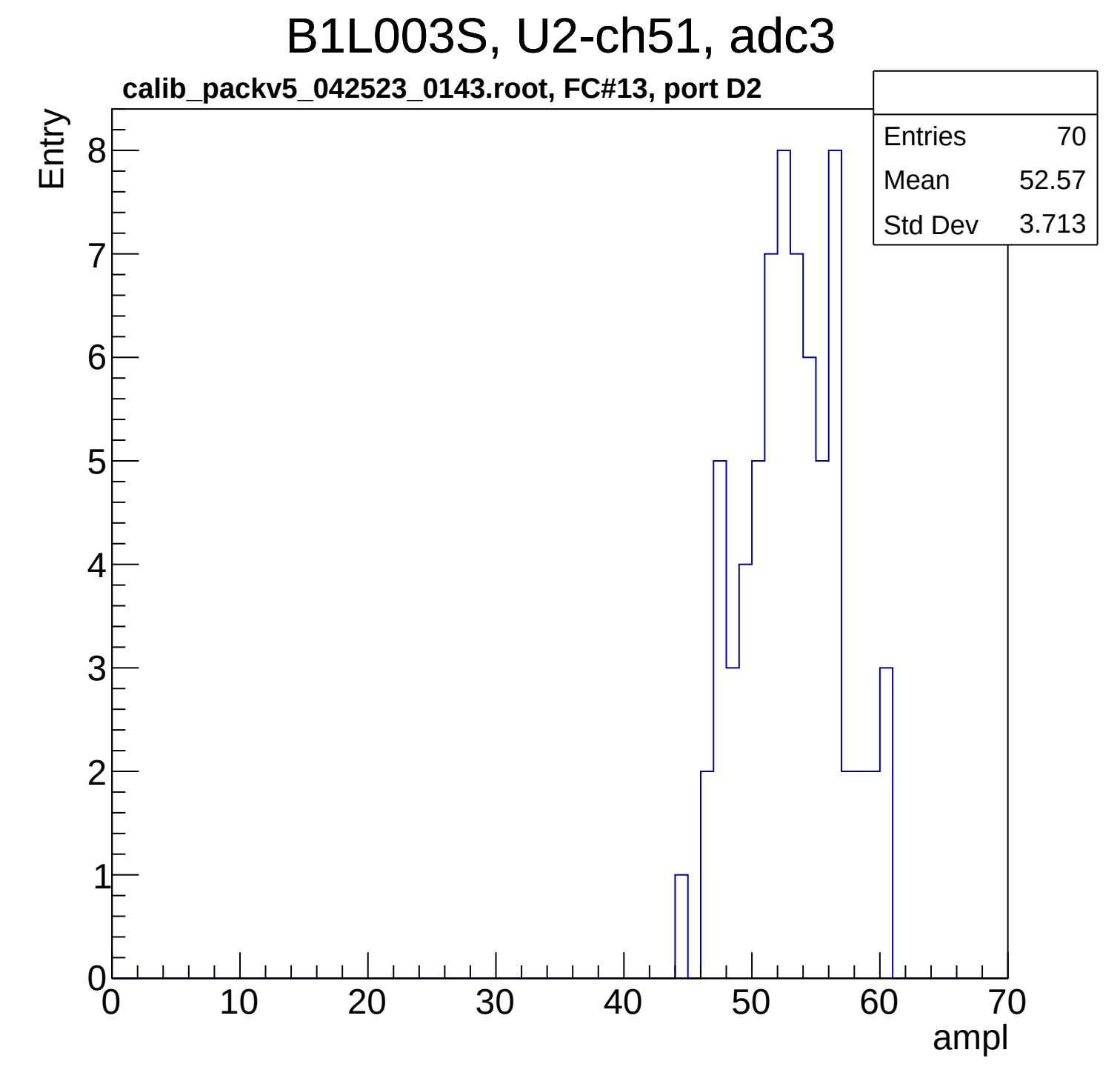
B1L003S, U2-ch51, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 52.57
Std Dev 3.713
Entry
ampl
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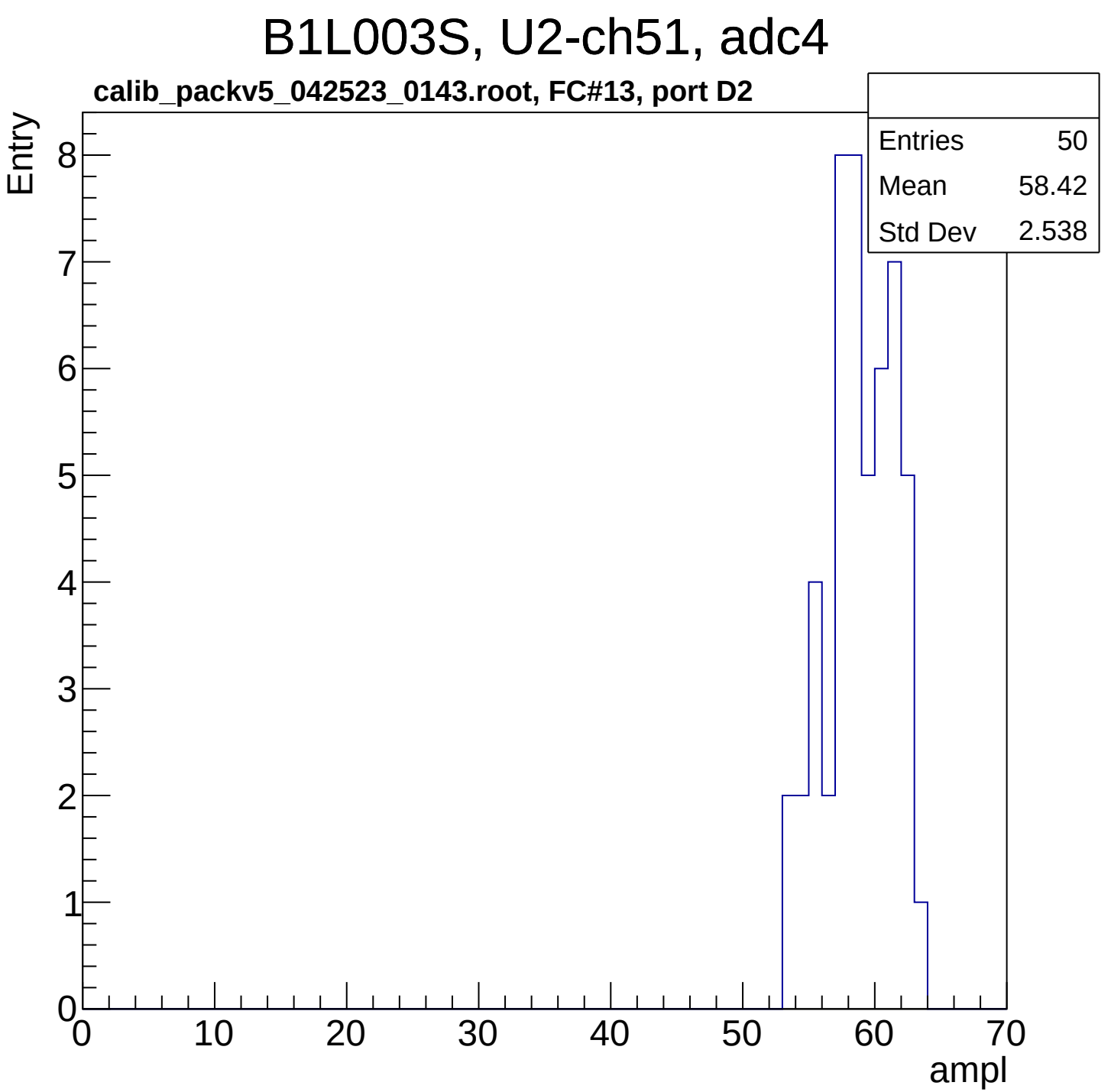
B1L003S, U2-ch51, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 58.42
Std Dev 2.538
Entry
ampl
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0
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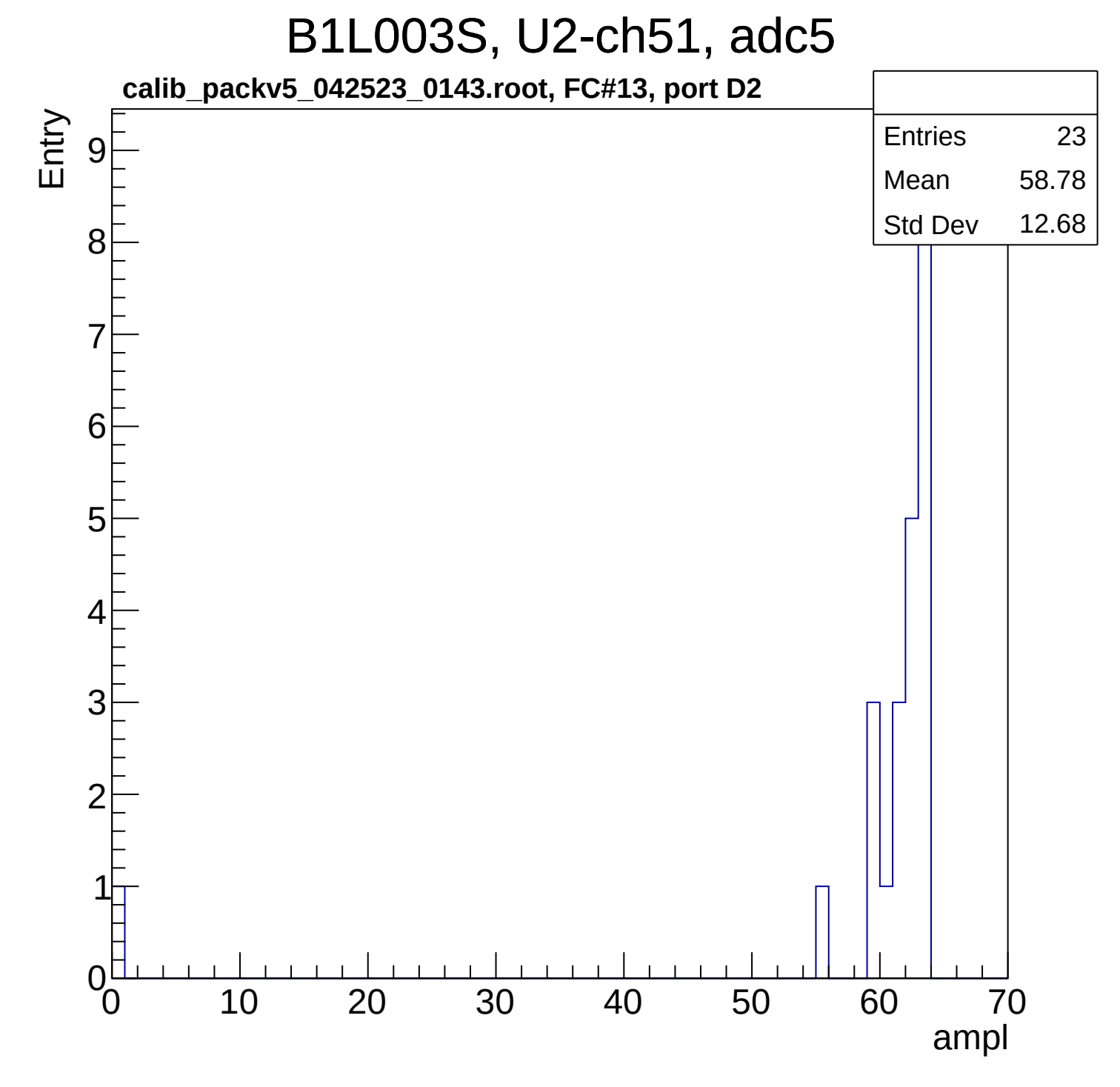
B1L003S, U2-ch51, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 23
Mean 58.78
Std Dev 12.68
Entry
ampl
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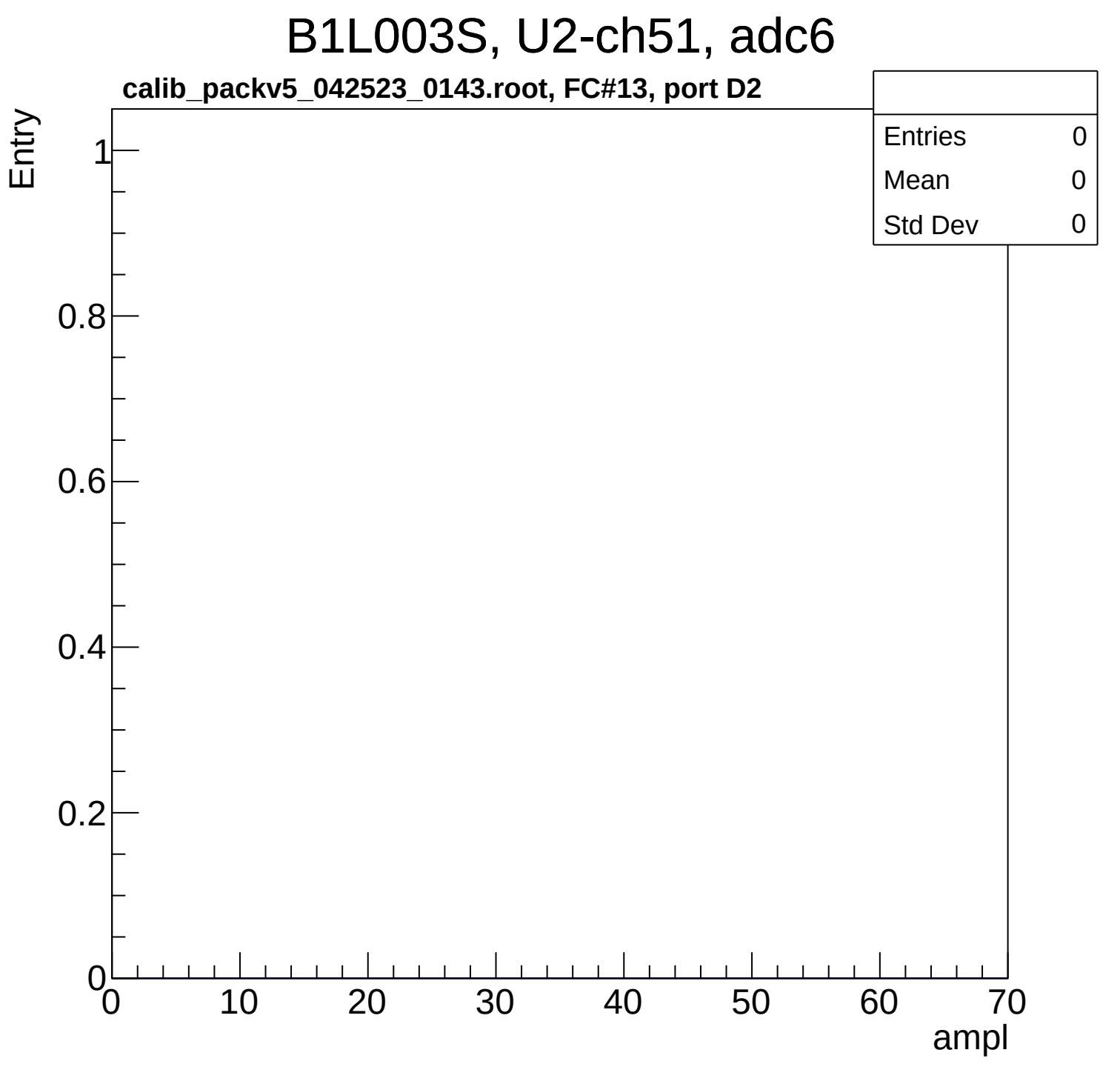
B1L003S, U2-ch51, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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10
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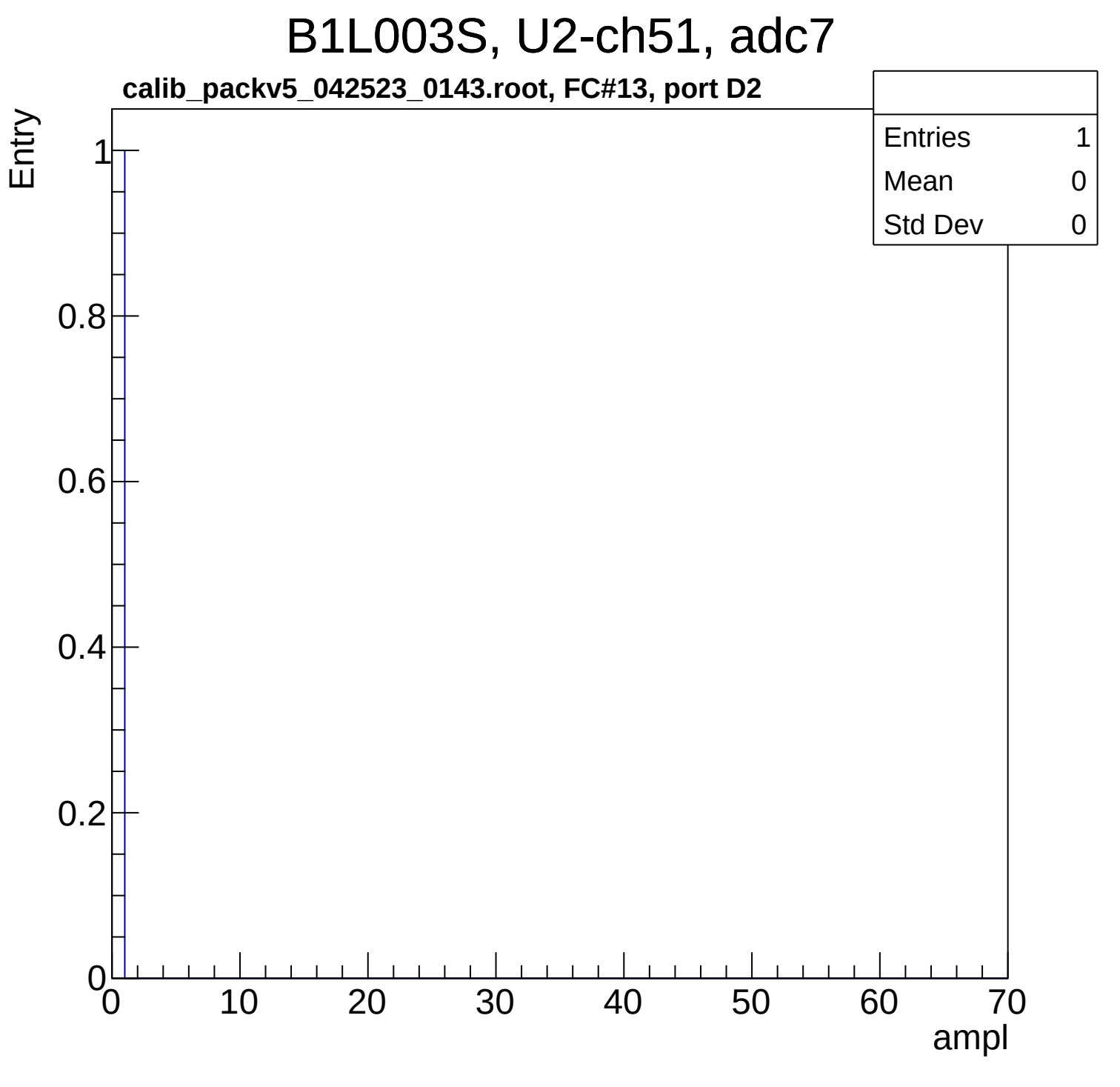
60
70
ampl


B1L003S, U2-ch51, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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20
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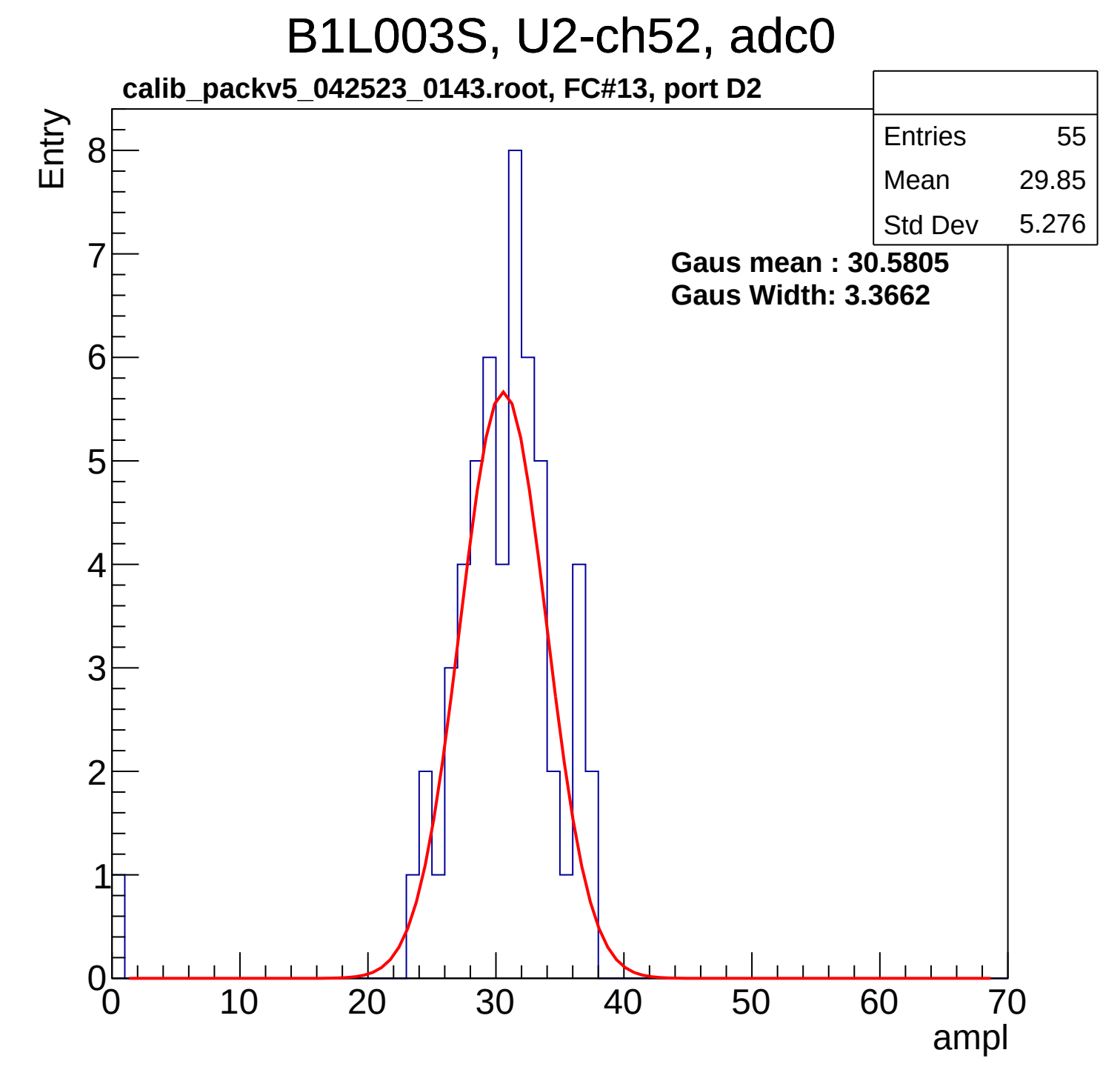
50
60
70
ampl


B1L003S, U2-ch52, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 29.85
Std Dev 5.276
Gaus mean : 30.5805
Gaus Width: 3.3662
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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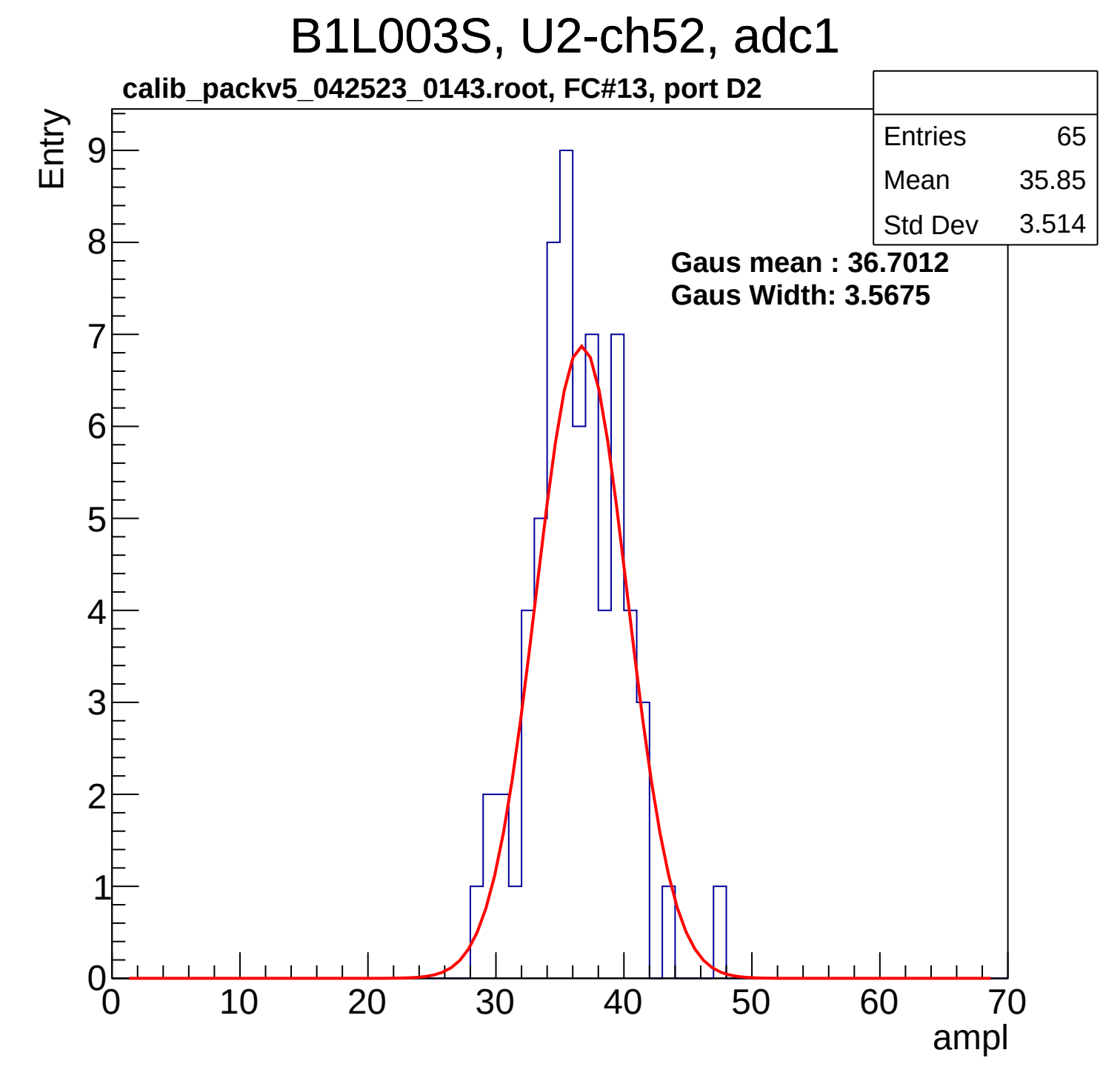
B1L003S, U2-ch52, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 35.85
Std Dev 3.514
Gaus mean : 36.7012
Gaus Width: 3.5675
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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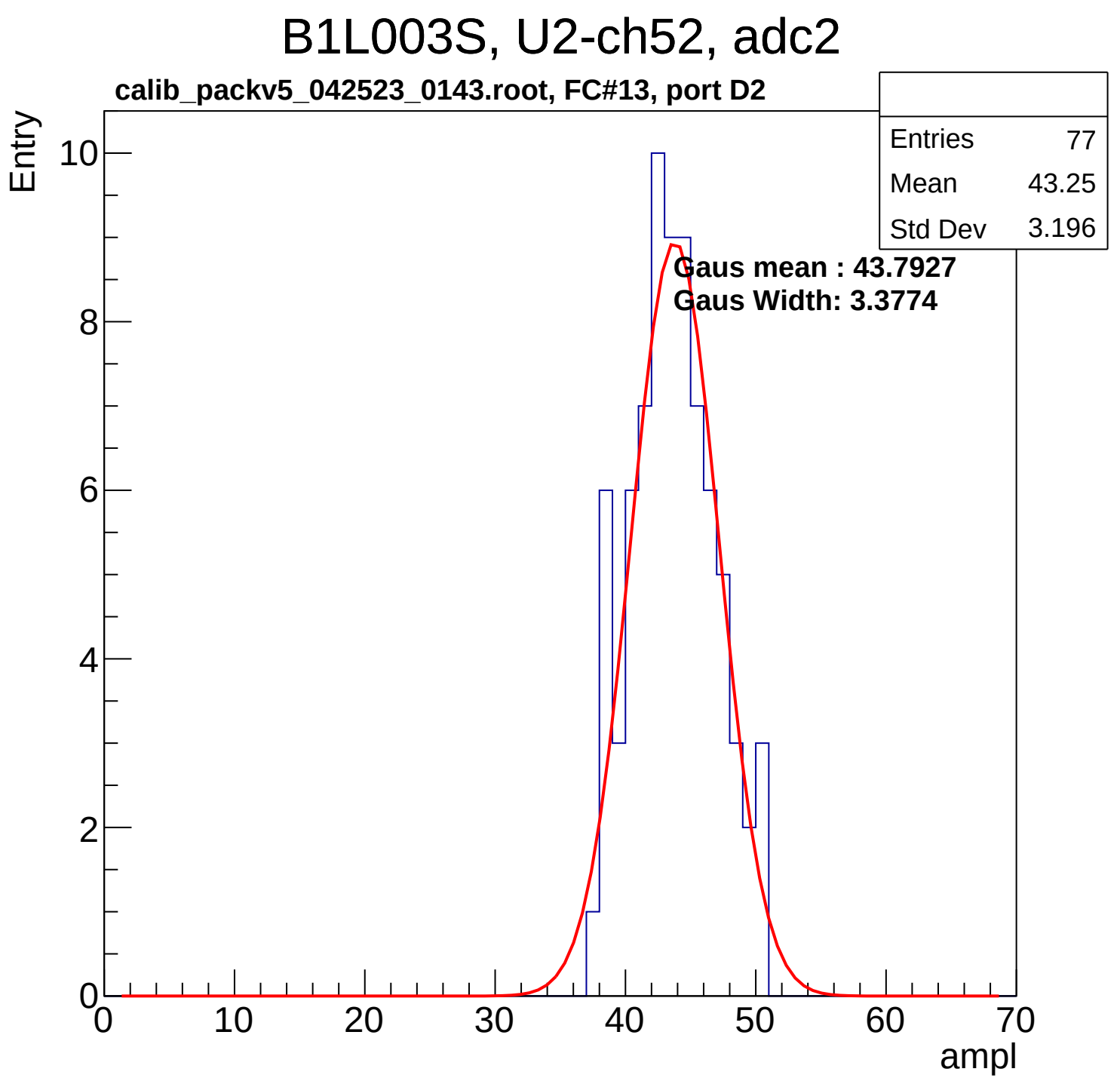
B1L003S, U2-ch52, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 43.25
Std Dev 3.196
Gaus mean : 43.7927
Gaus Width: 3.3774
Entry
ampl
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8
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0
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60
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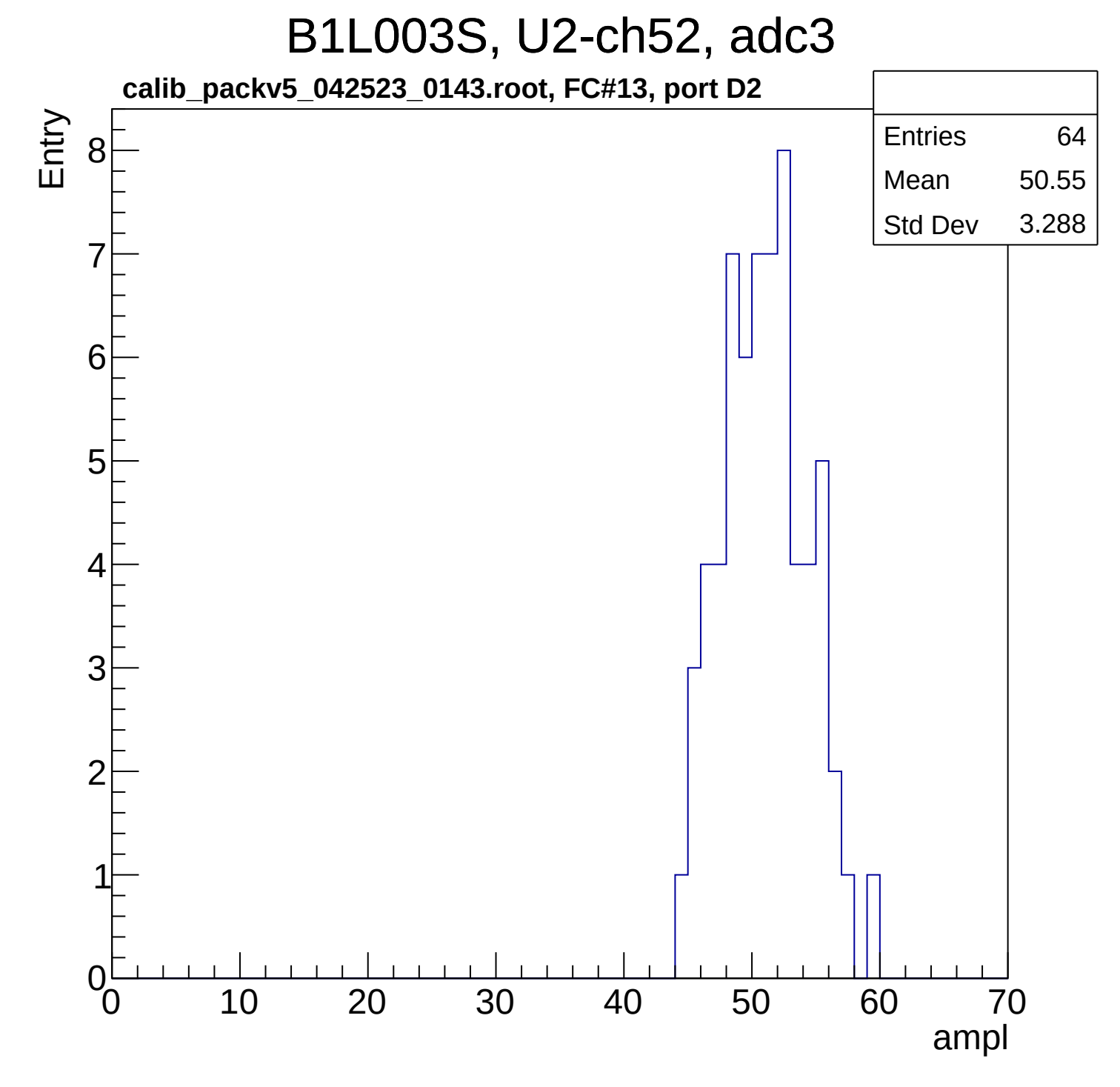
B1L003S, U2-ch52, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 50.55
Std Dev 3.288
Entry
ampl
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5
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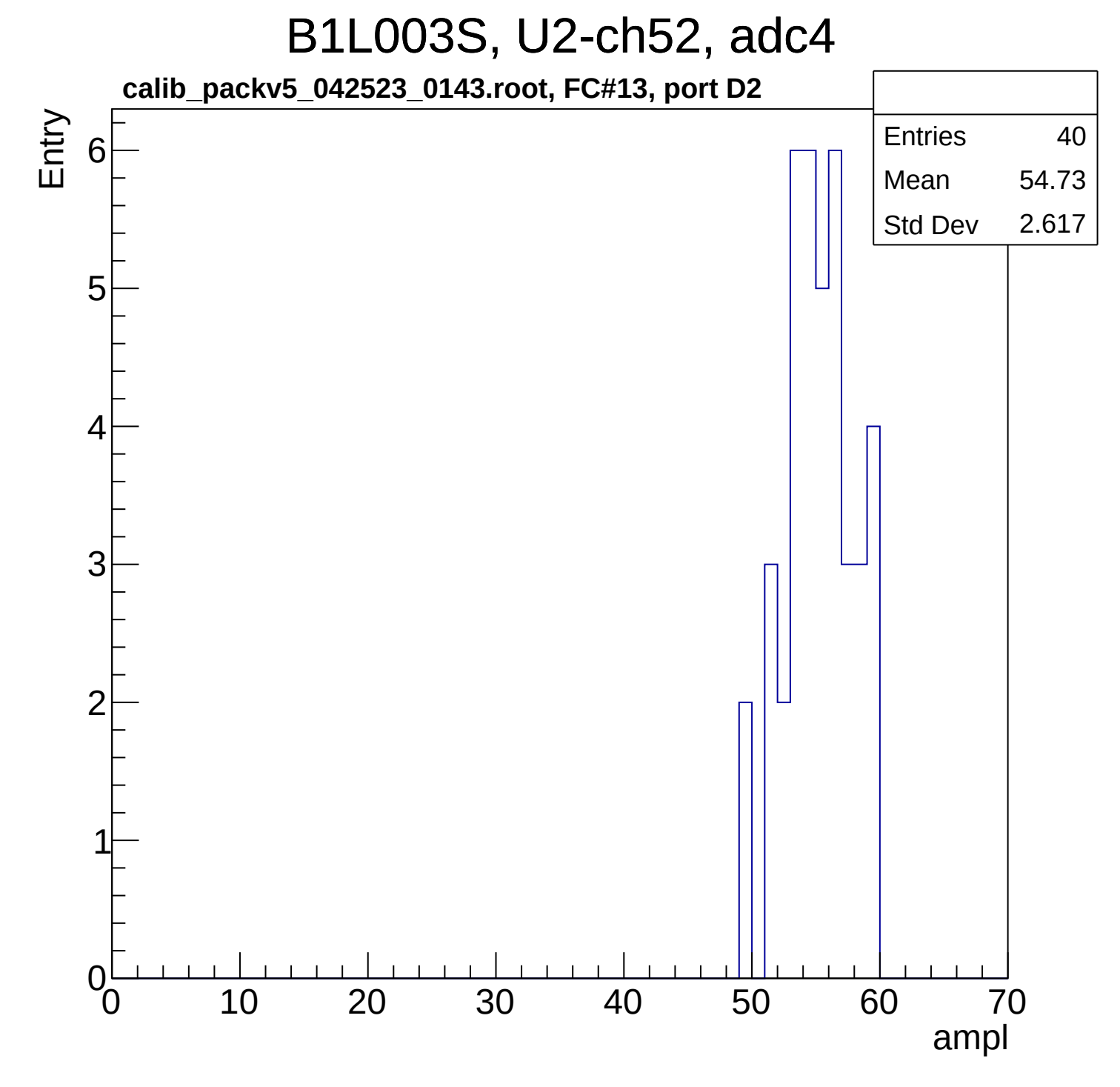
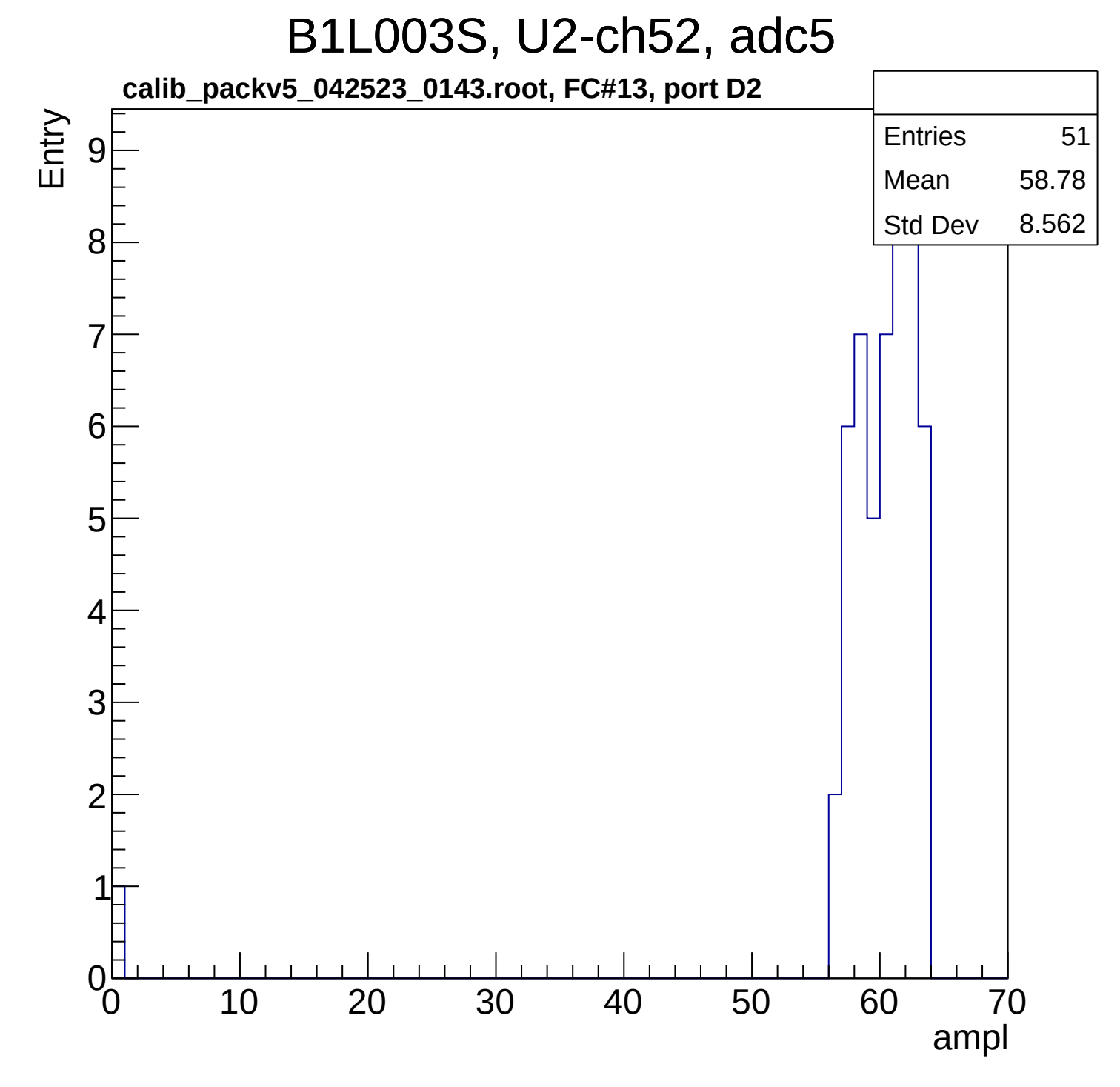

B1L003S, U2-ch52, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 54.73
Std Dev 2.617
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch52, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 58.78
Std Dev 8.562
Entry
ampl
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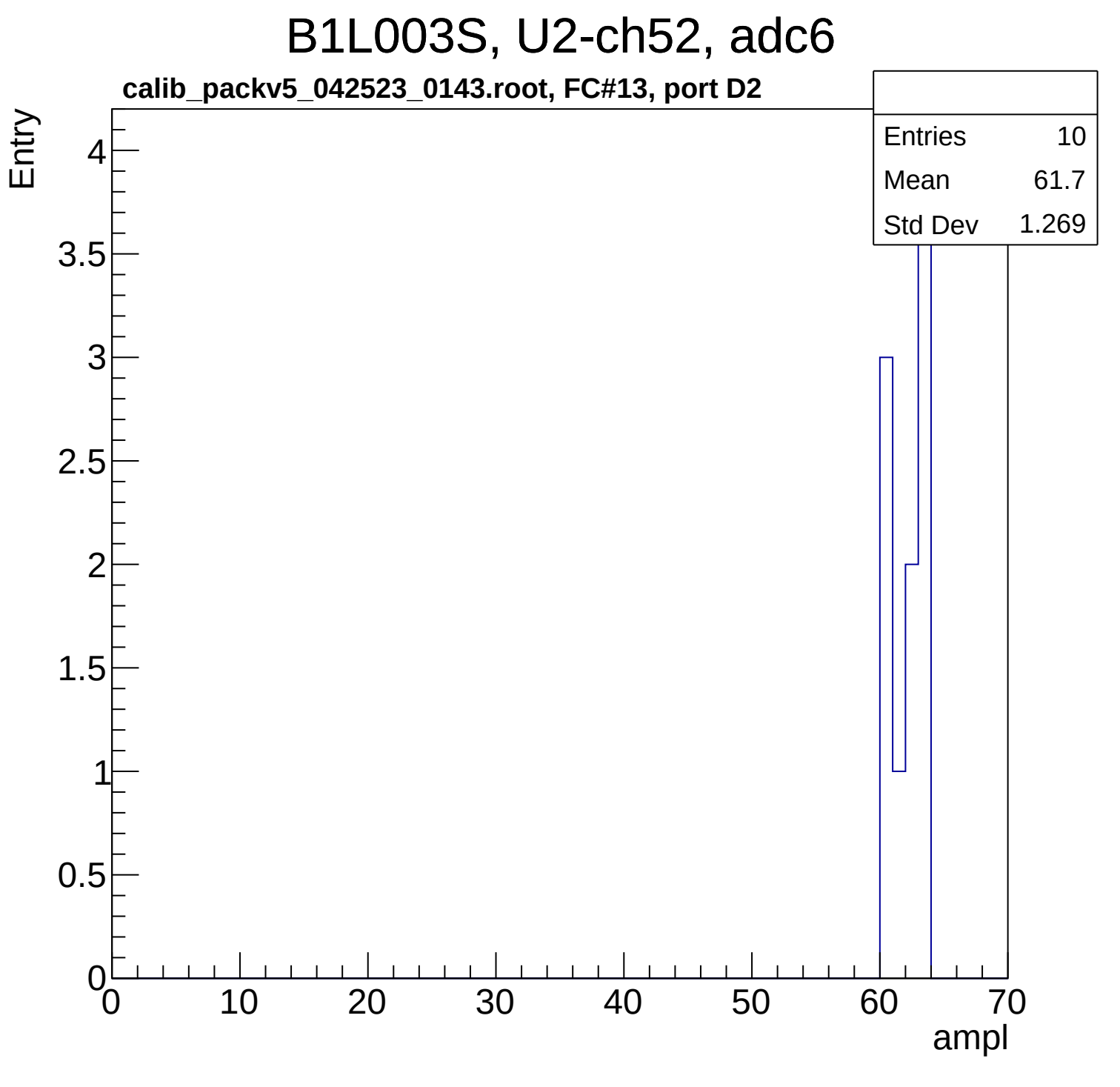
B1L003S, U2-ch52, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 61.7
Std Dev 1.269
Entry
ampl
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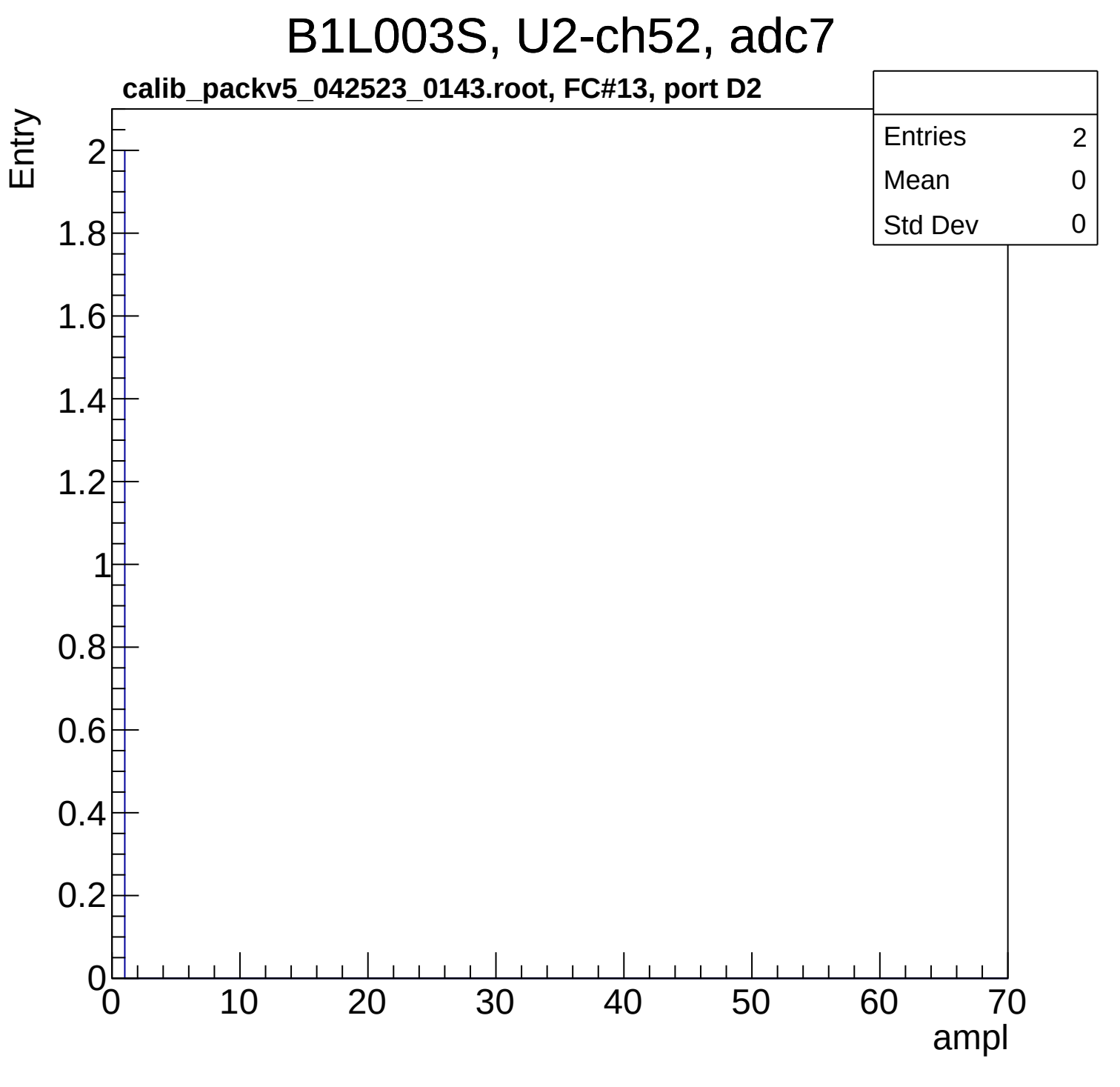
B1L003S, U2-ch52, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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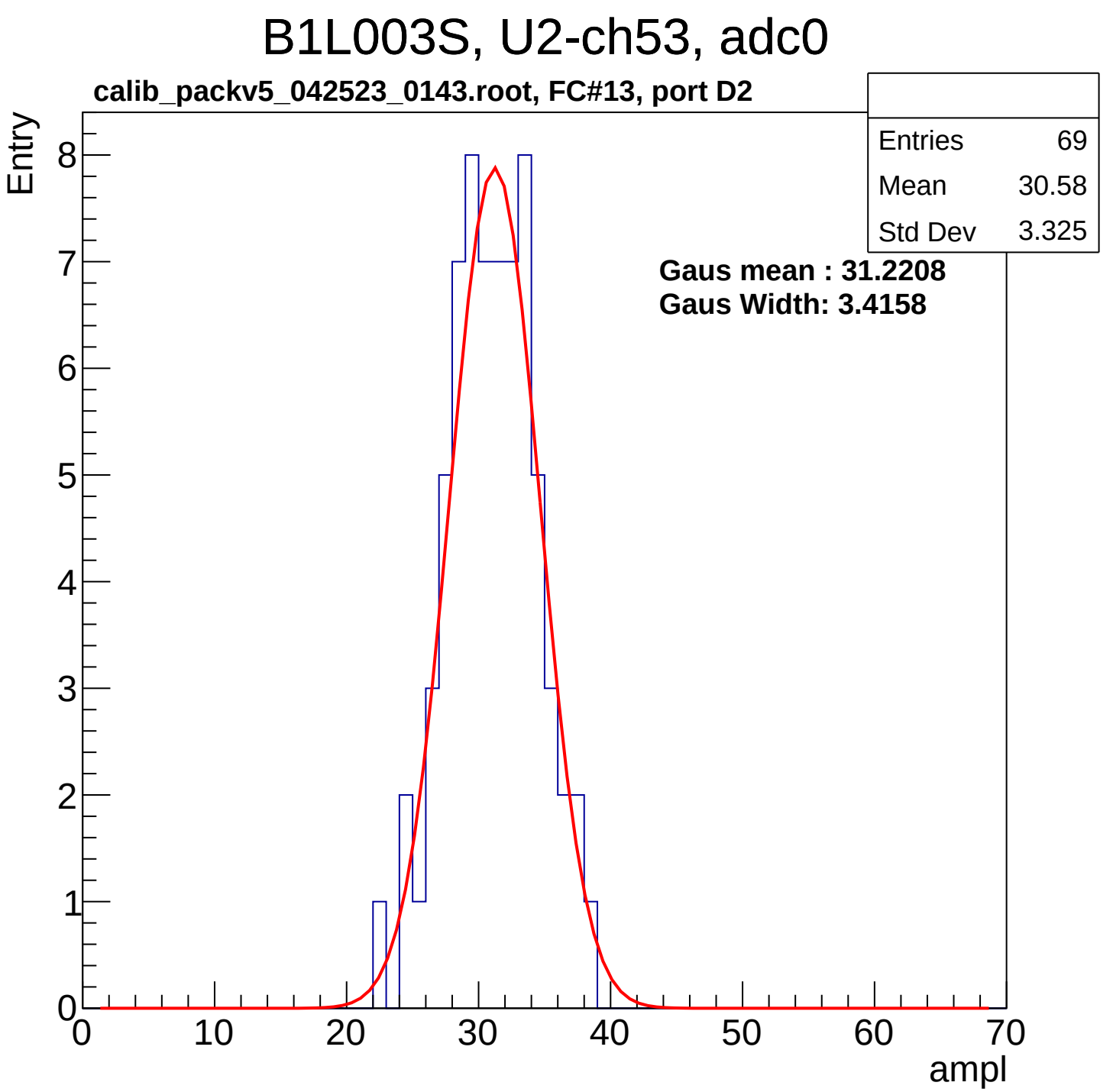
B1L003S, U2-ch53, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 30.58
Std Dev 3.325
Gaus mean : 31.2208
Gaus Width: 3.4158
Entry
ampl
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4
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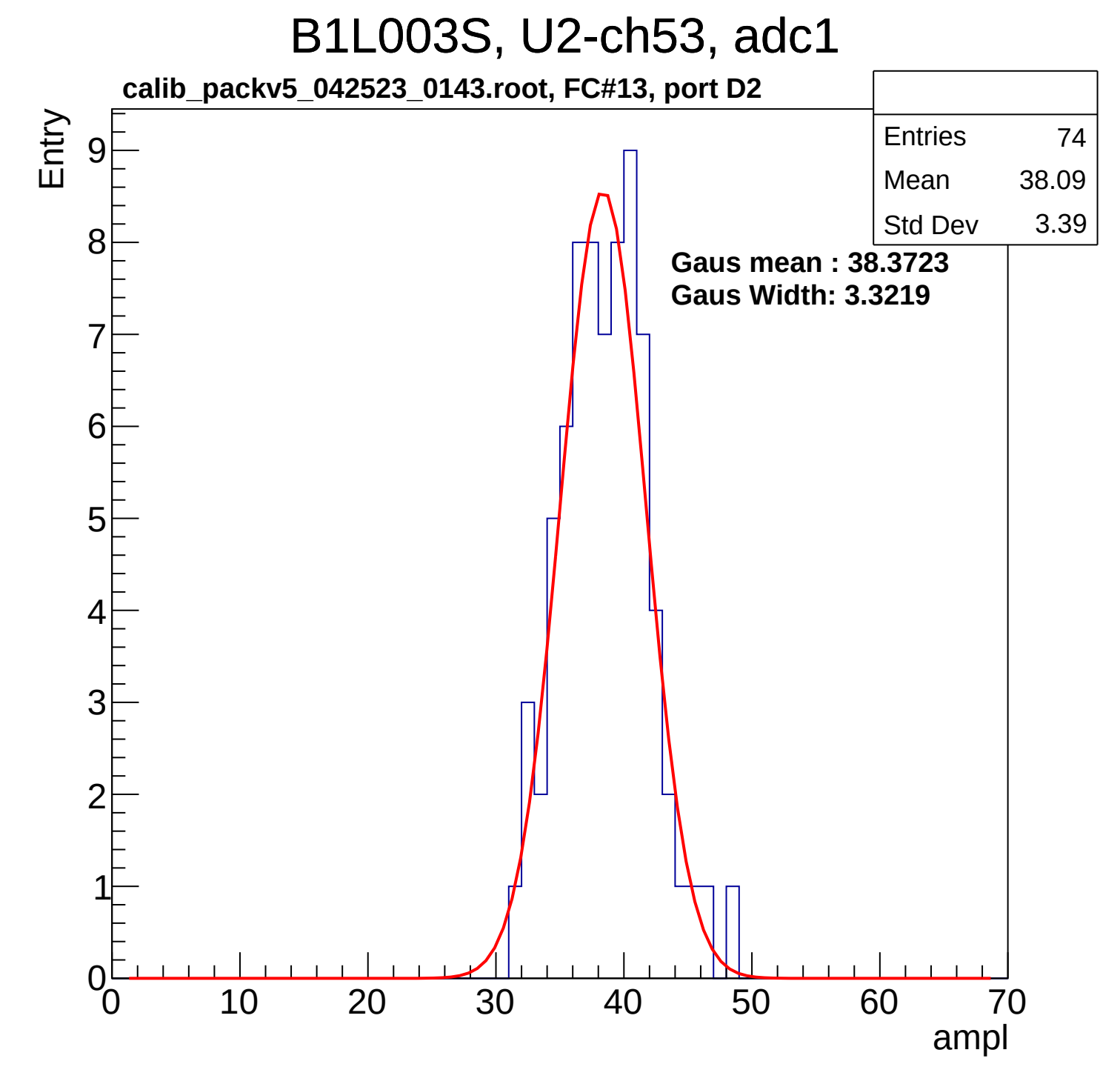
B1L003S, U2-ch53, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 38.09
Std Dev 3.39
Gaus mean : 38.3723
Gaus Width: 3.3219
Entry
ampl
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3
4
5
6
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0
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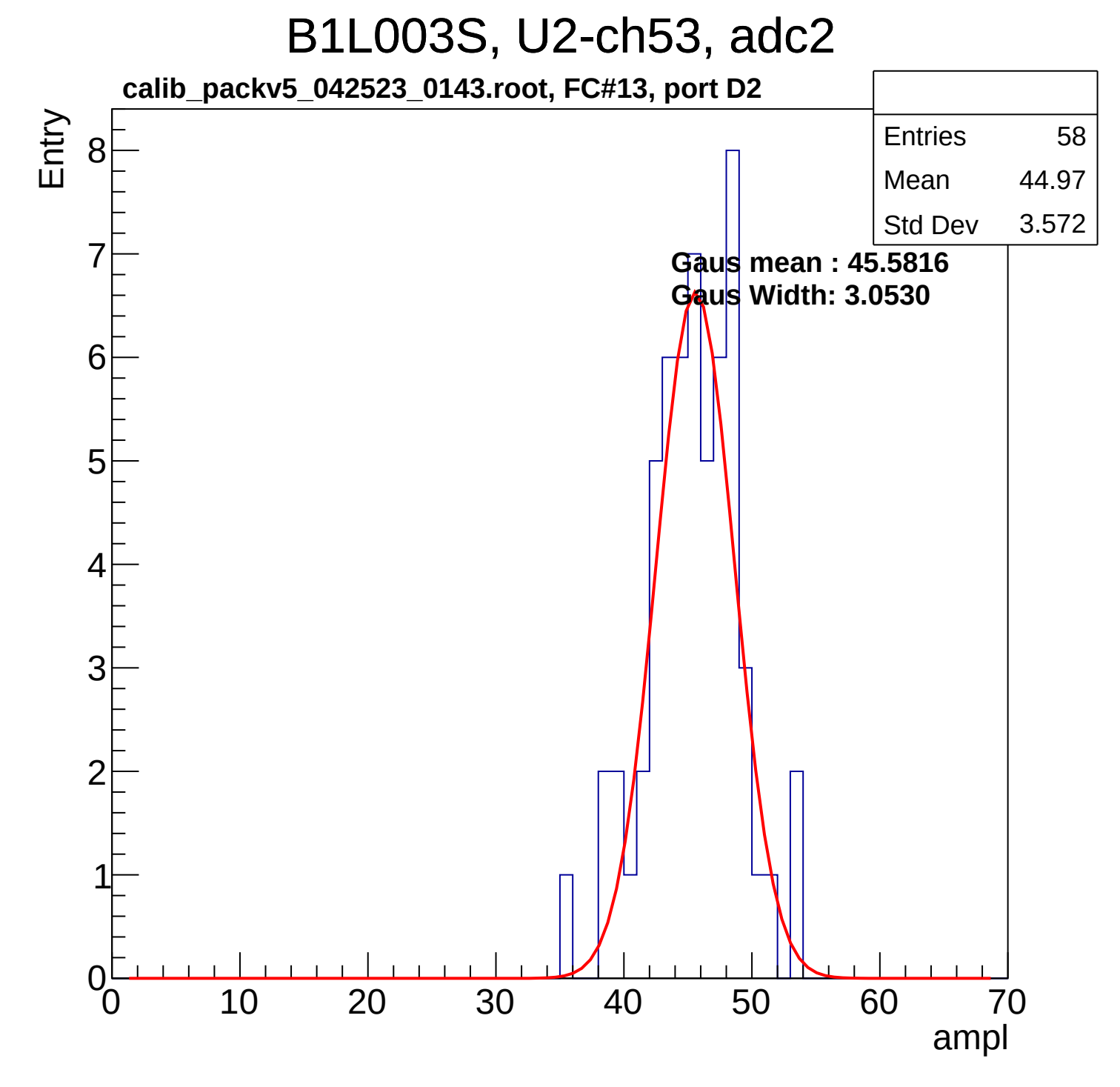
B1L003S, U2-ch53, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 44.97
Std Dev 3.572
Gaus mean : 45.5816
Gaus Width: 3.0530
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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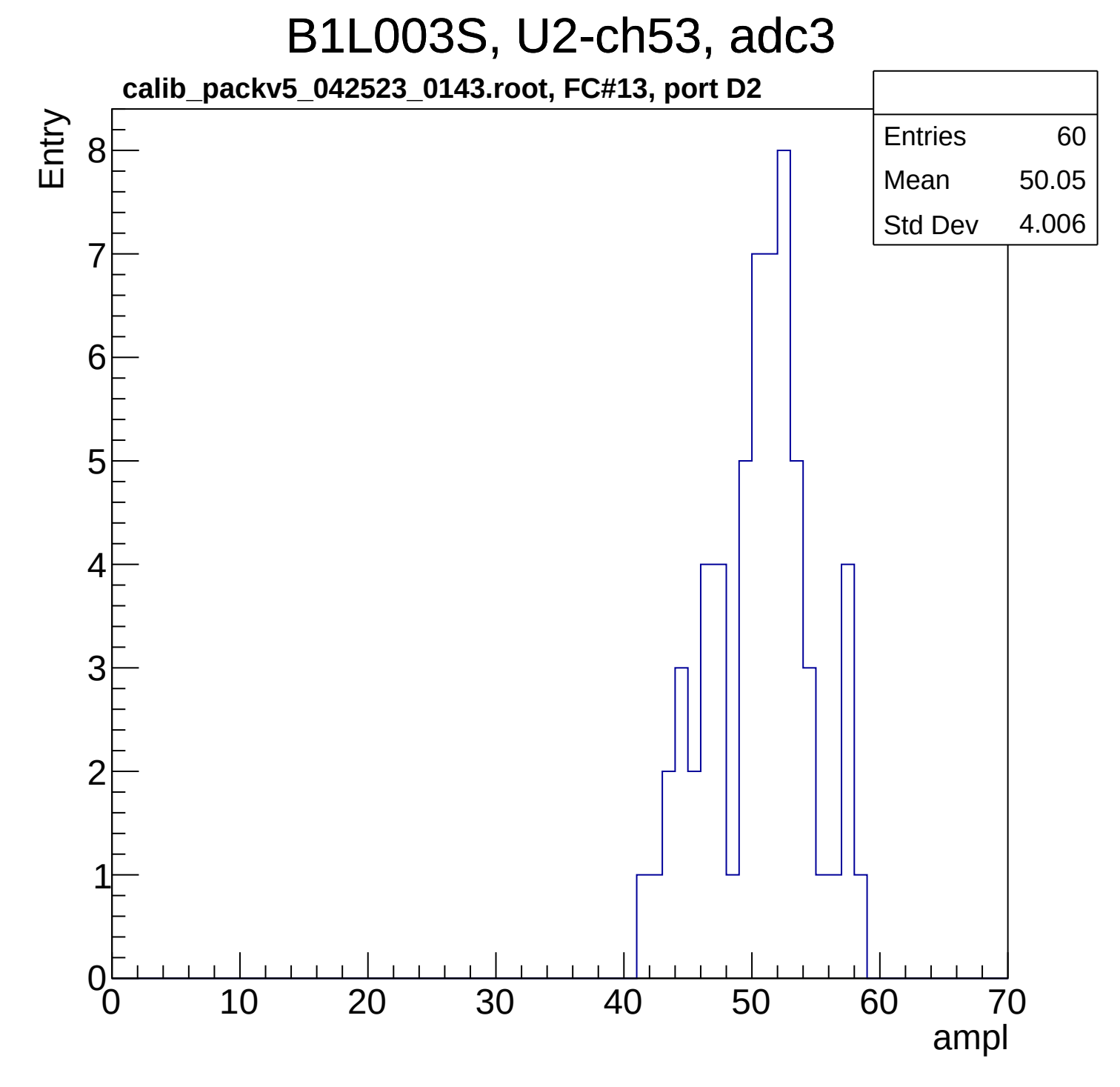
B1L003S, U2-ch53, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 50.05
Std Dev 4.006
Entry
ampl
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2
3
4
5
6
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0
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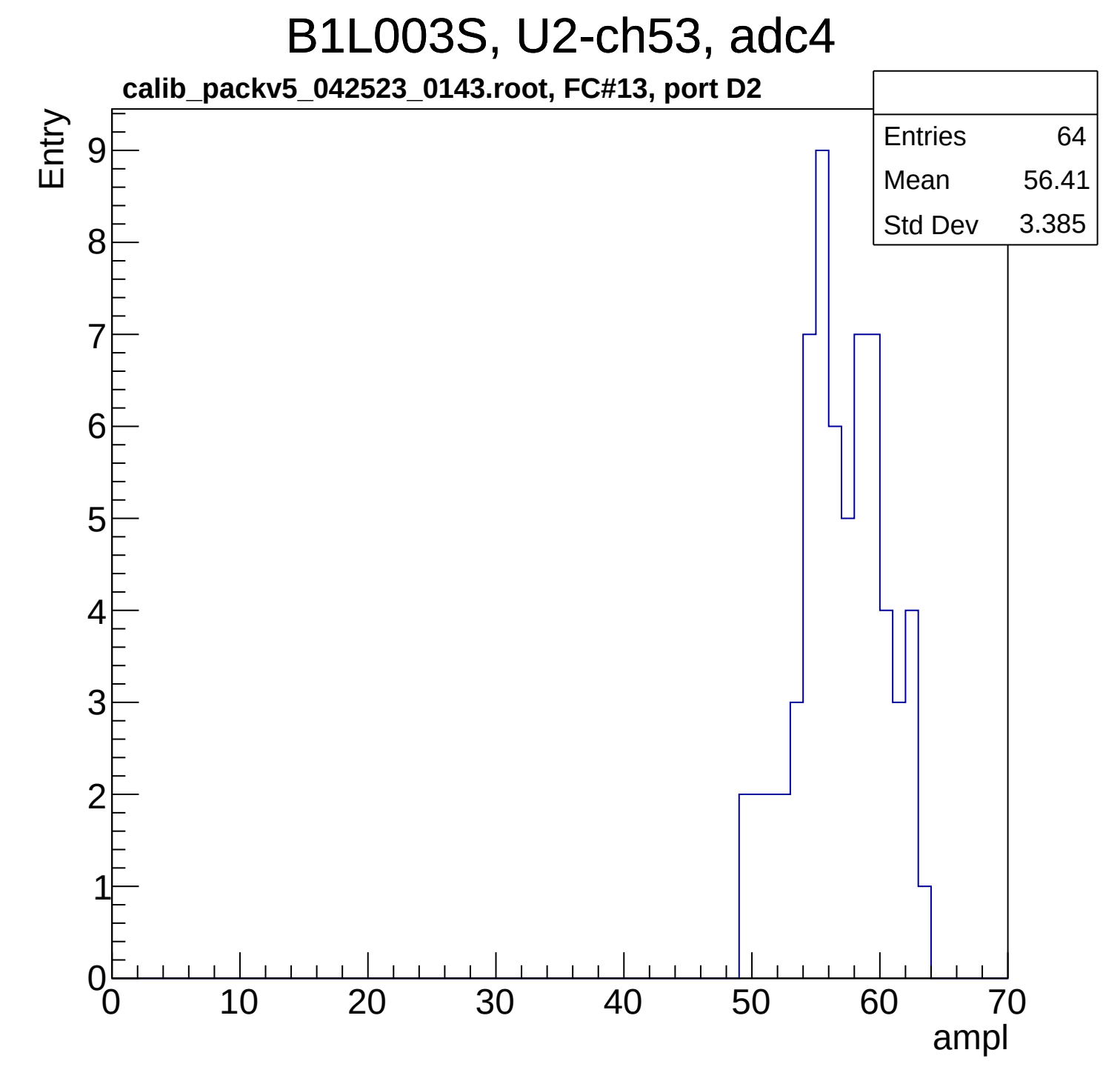
B1L003S, U2-ch53, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 56.41
Std Dev 3.385
Entry
ampl
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3
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5
6
7
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0
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40
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60
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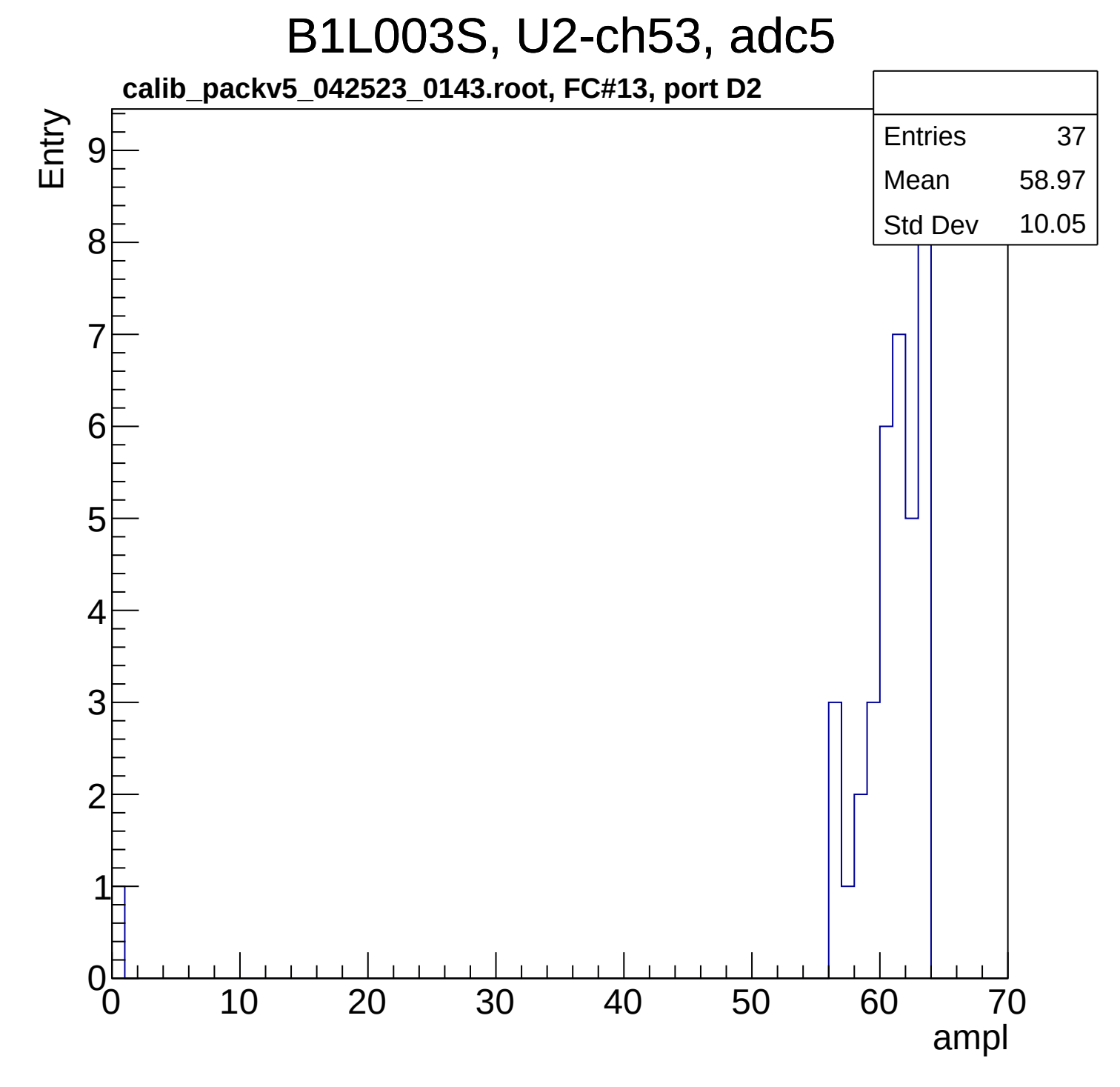
B1L003S, U2-ch53, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 58.97
Std Dev 10.05
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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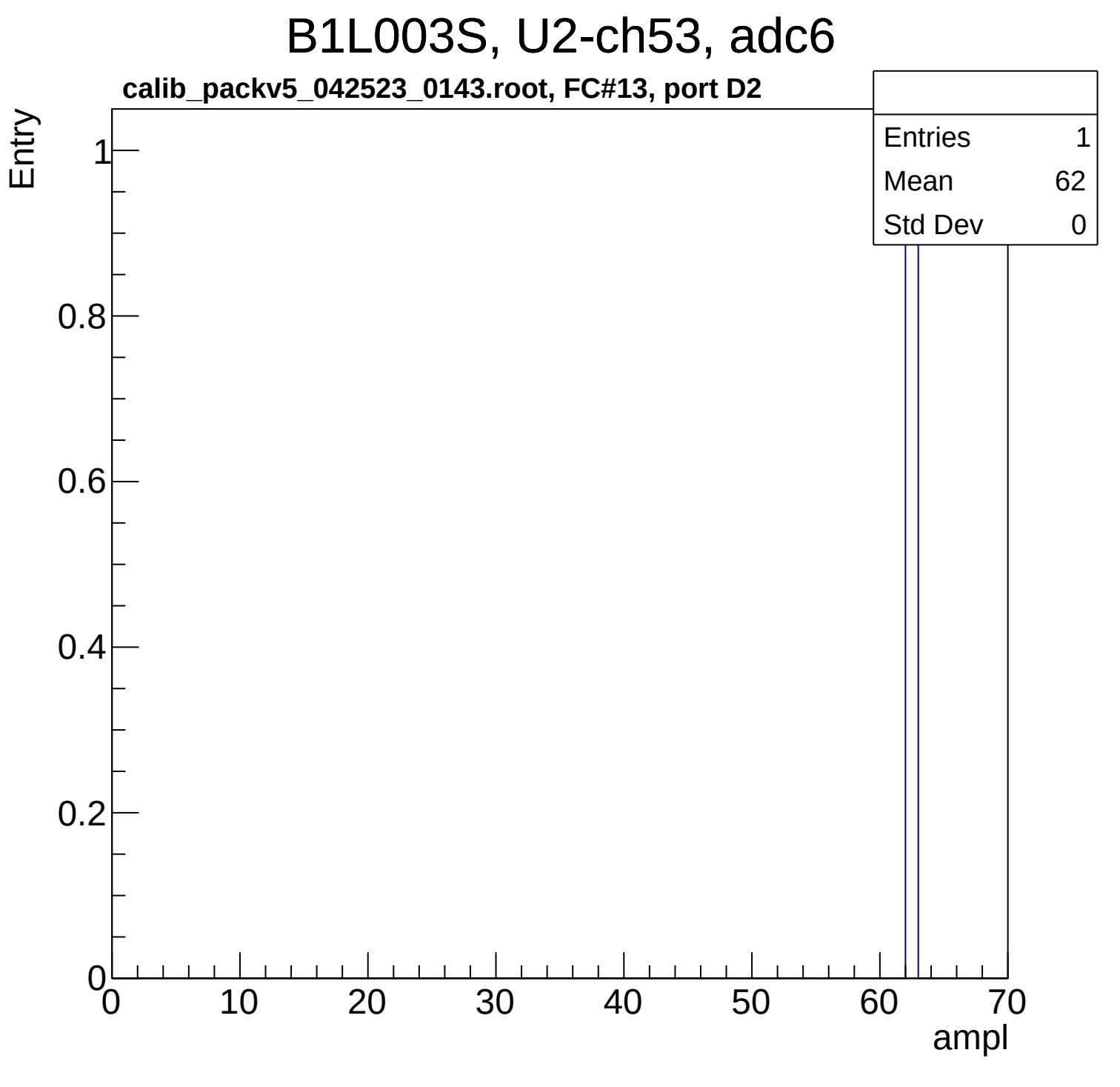
B1L003S, U2-ch53, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 62
Std Dev 0
Entry
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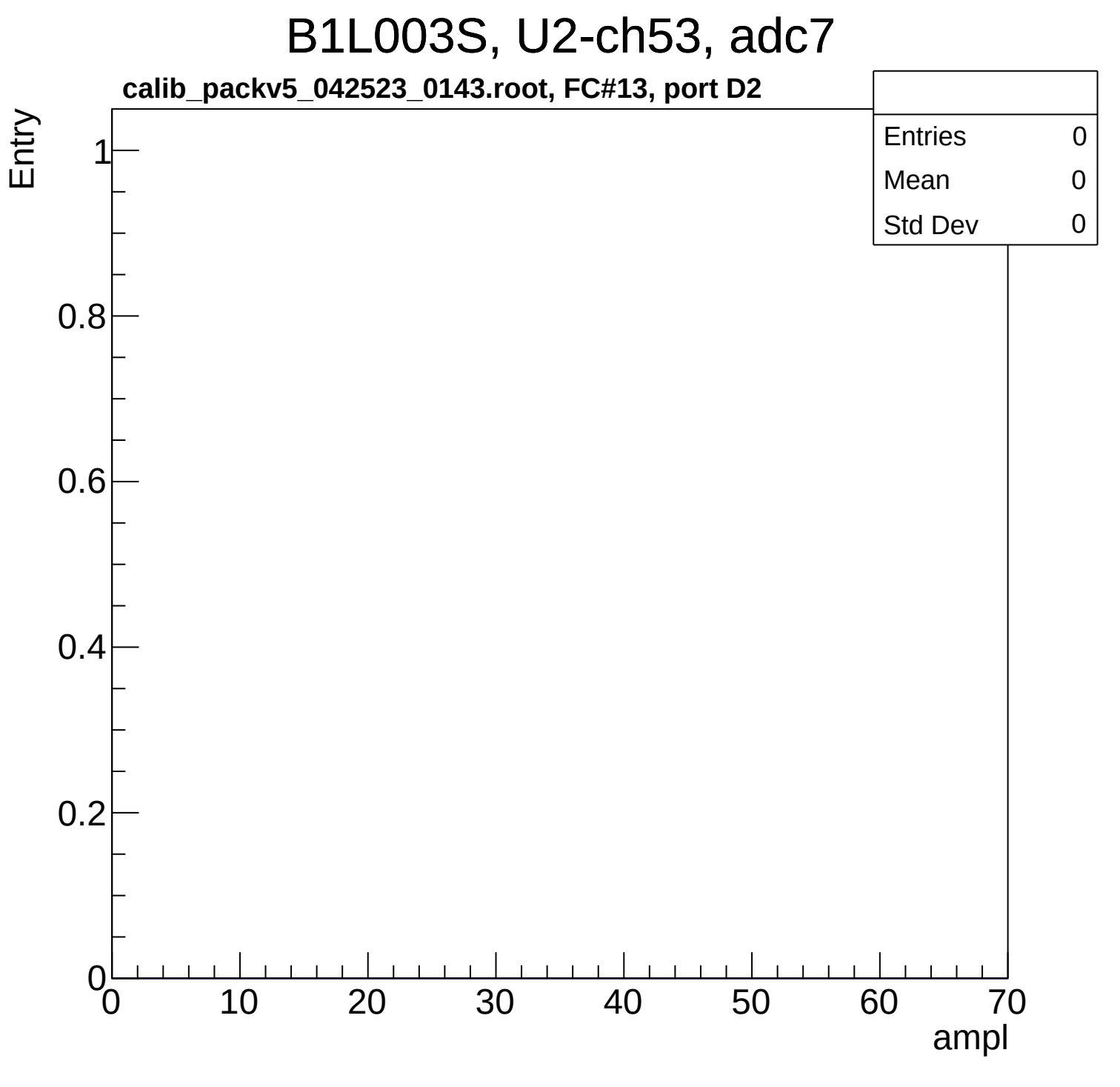
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch53, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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0
10
20
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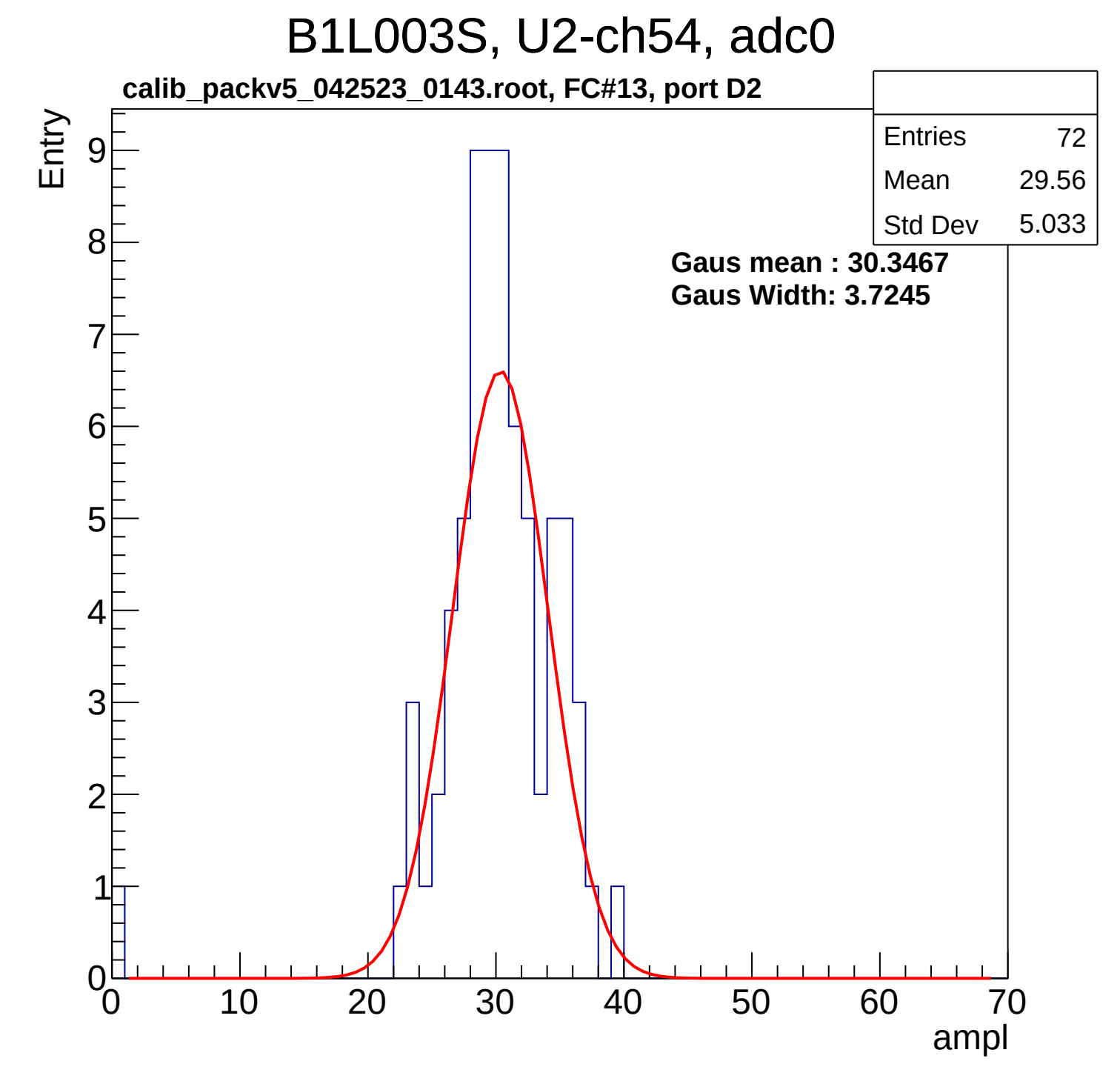
60
70
ampl


B1L003S, U2-ch54, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 29.56
Std Dev 5.033
Gaus mean : 30.3467
Gaus Width: 3.7245
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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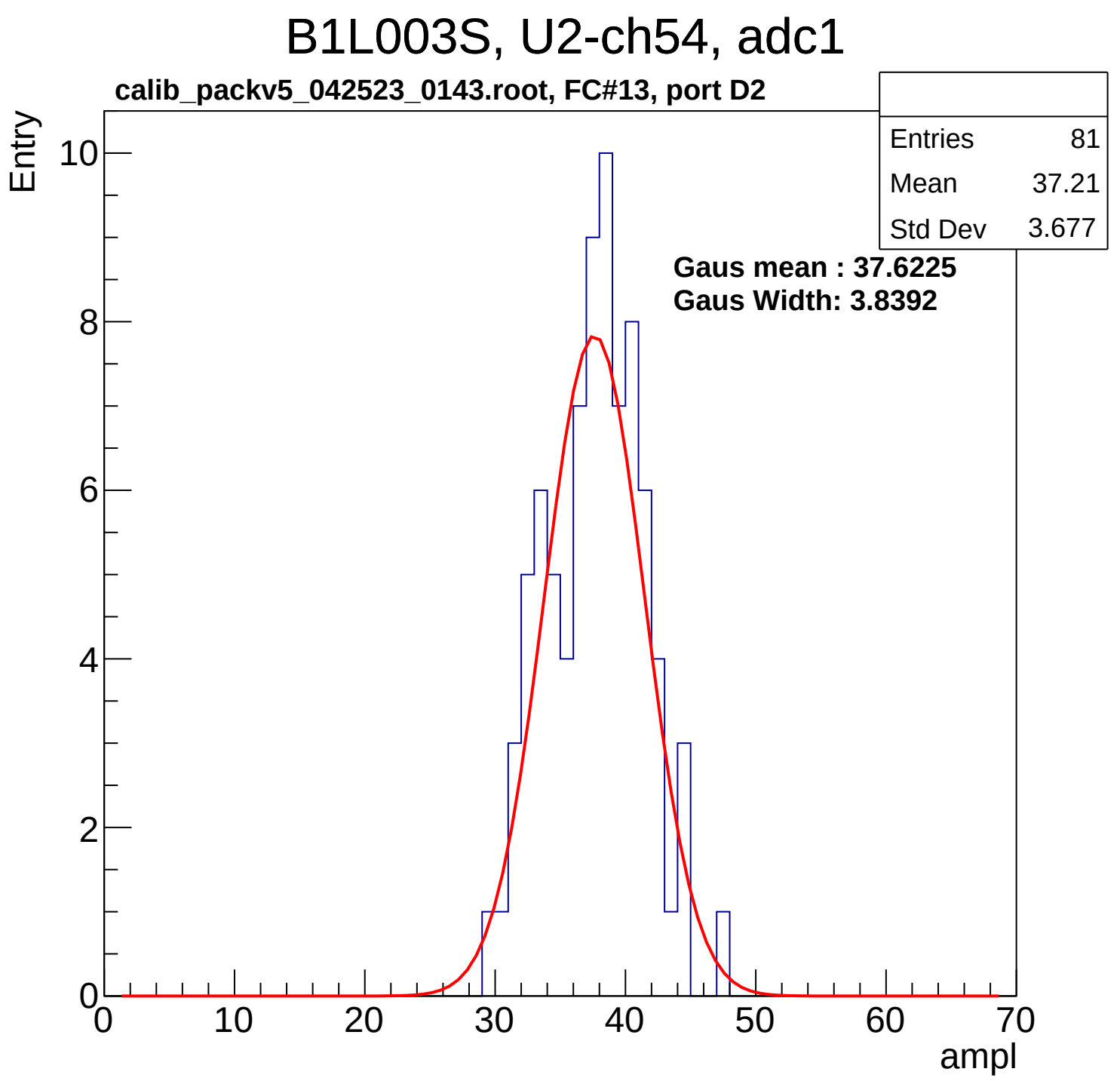
B1L003S, U2-ch54, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 37.21
Std Dev 3.677
Gaus mean : 37.6225
Gaus Width: 3.8392
Entry
ampl
0
2
4
6
8
10
0
10
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40
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60
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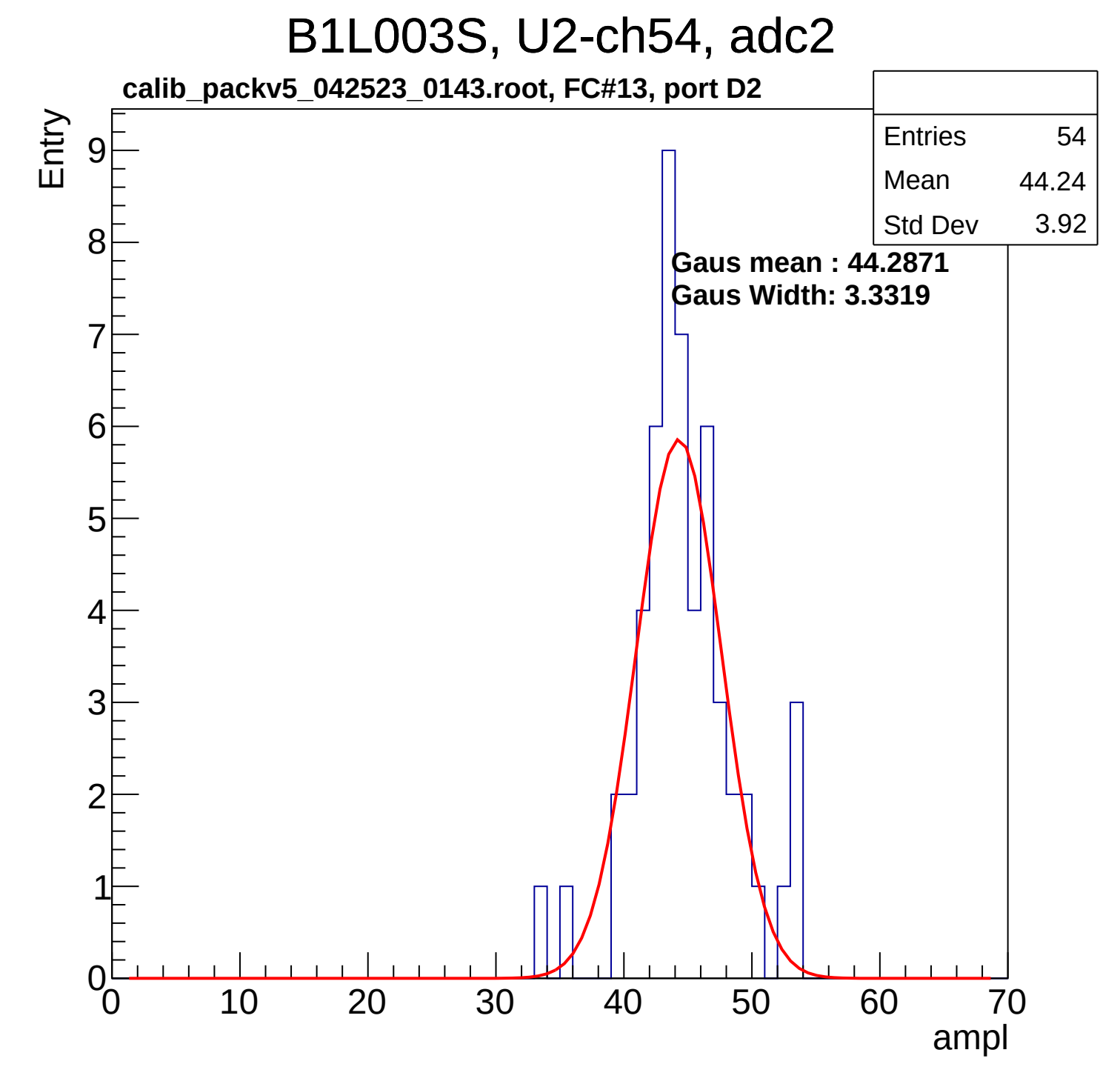
B1L003S, U2-ch54, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 44.24
Std Dev 3.92
Gaus mean : 44.2871
Gaus Width: 3.3319
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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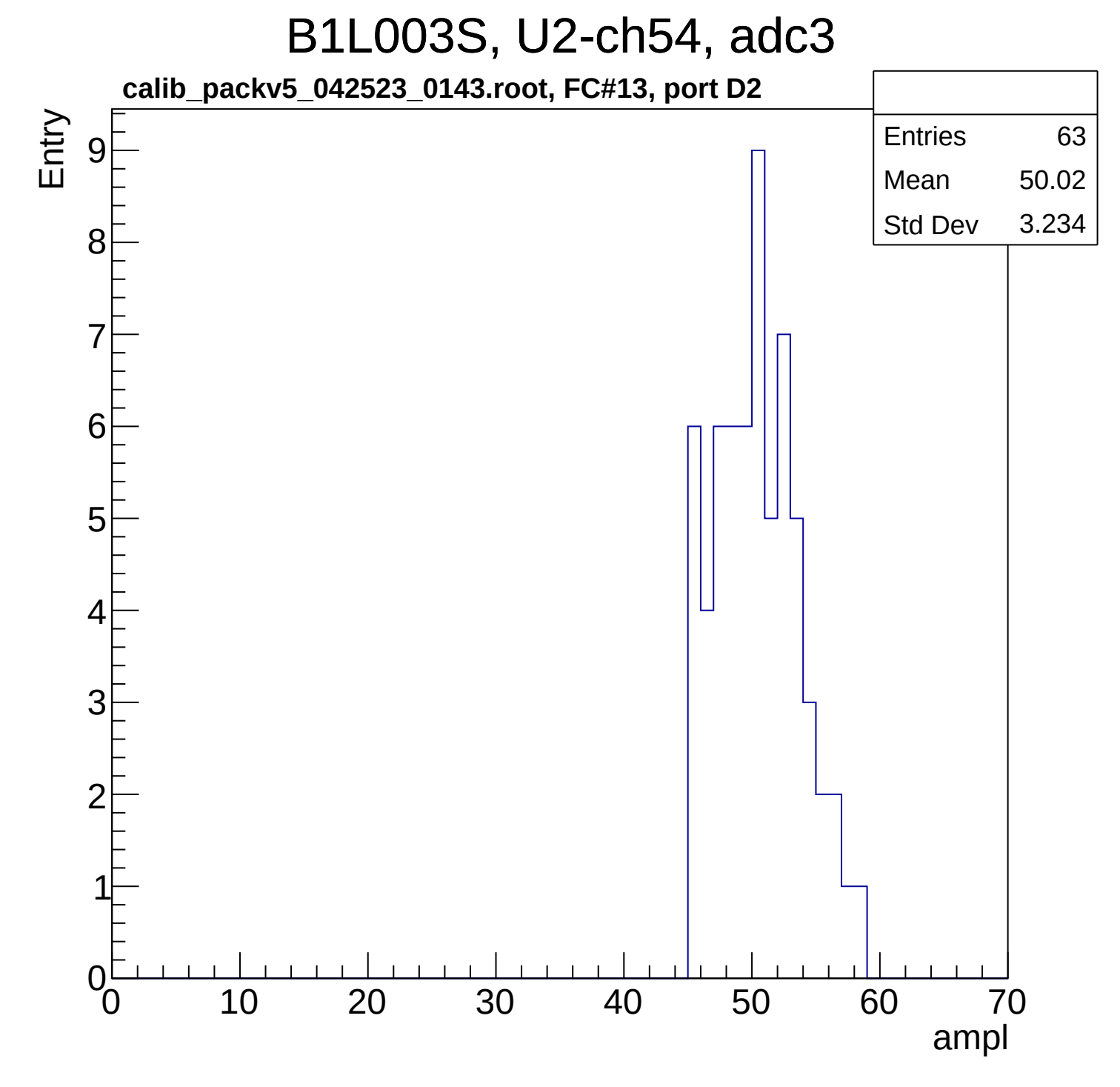
B1L003S, U2-ch54, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 50.02
Std Dev 3.234
Entry
ampl
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2
3
4
5
6
7
8
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0
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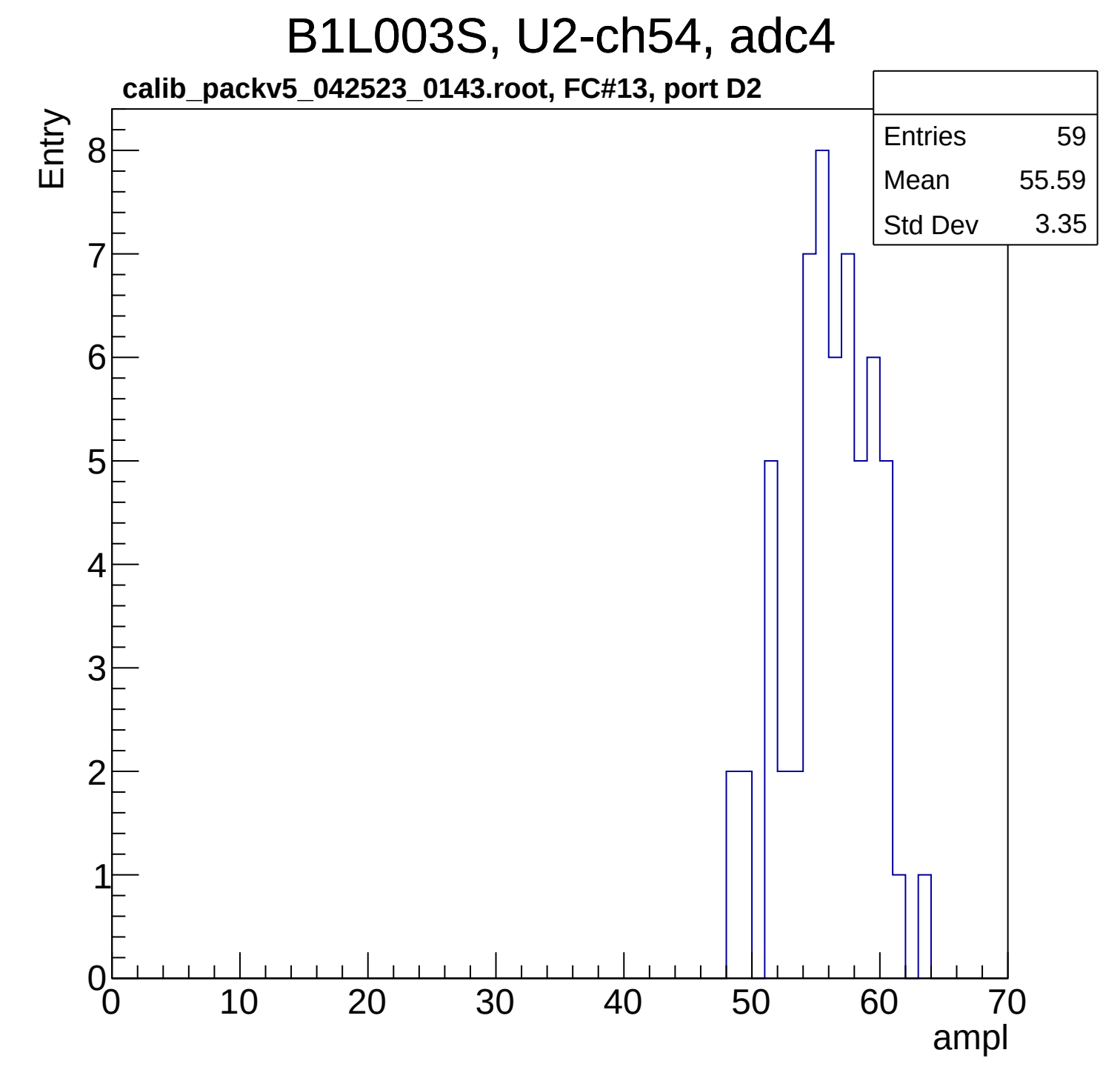
B1L003S, U2-ch54, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 55.59
Std Dev 3.35
Entry
ampl
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2
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0
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40
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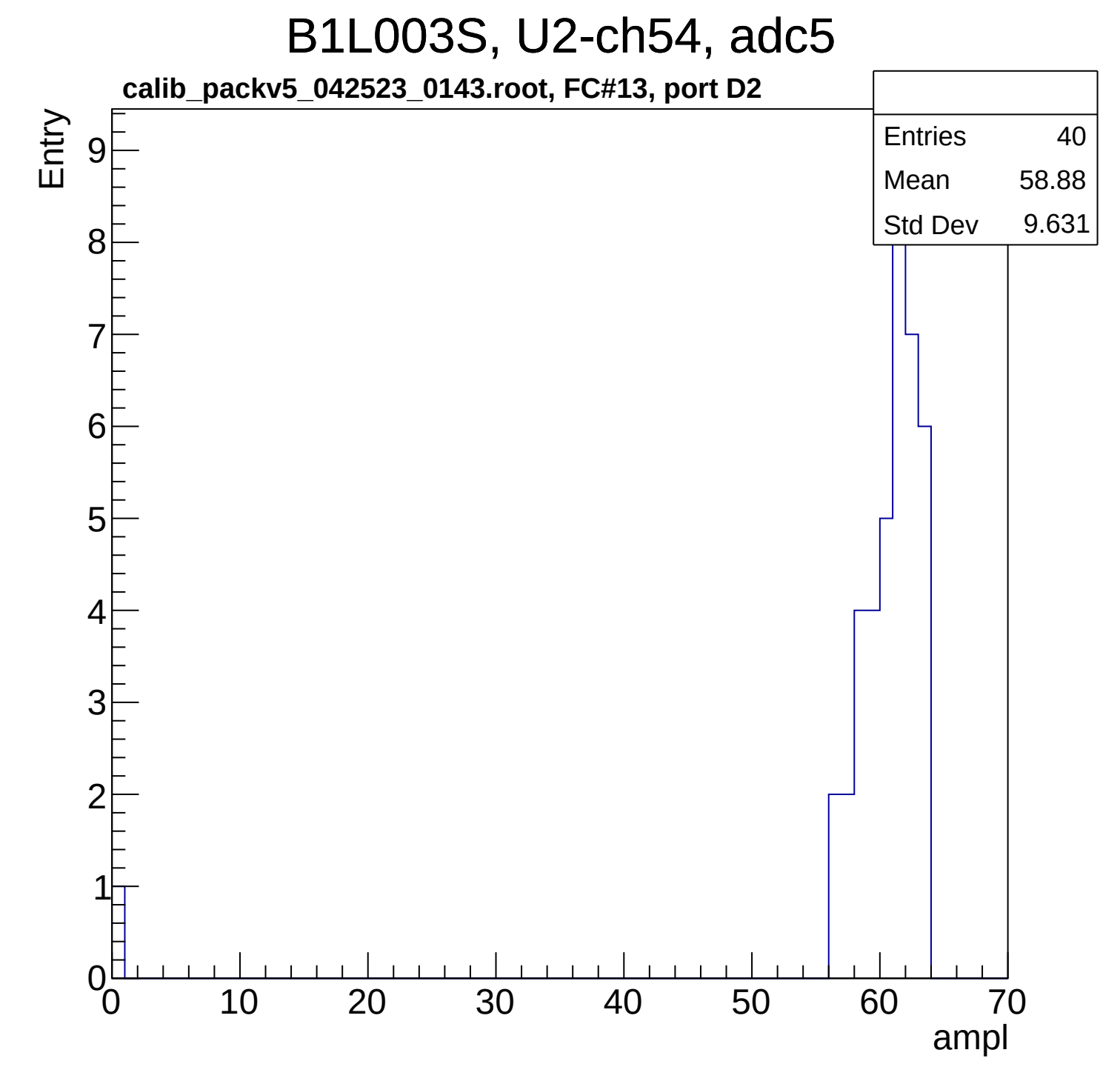
B1L003S, U2-ch54, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 58.88
Std Dev 9.631
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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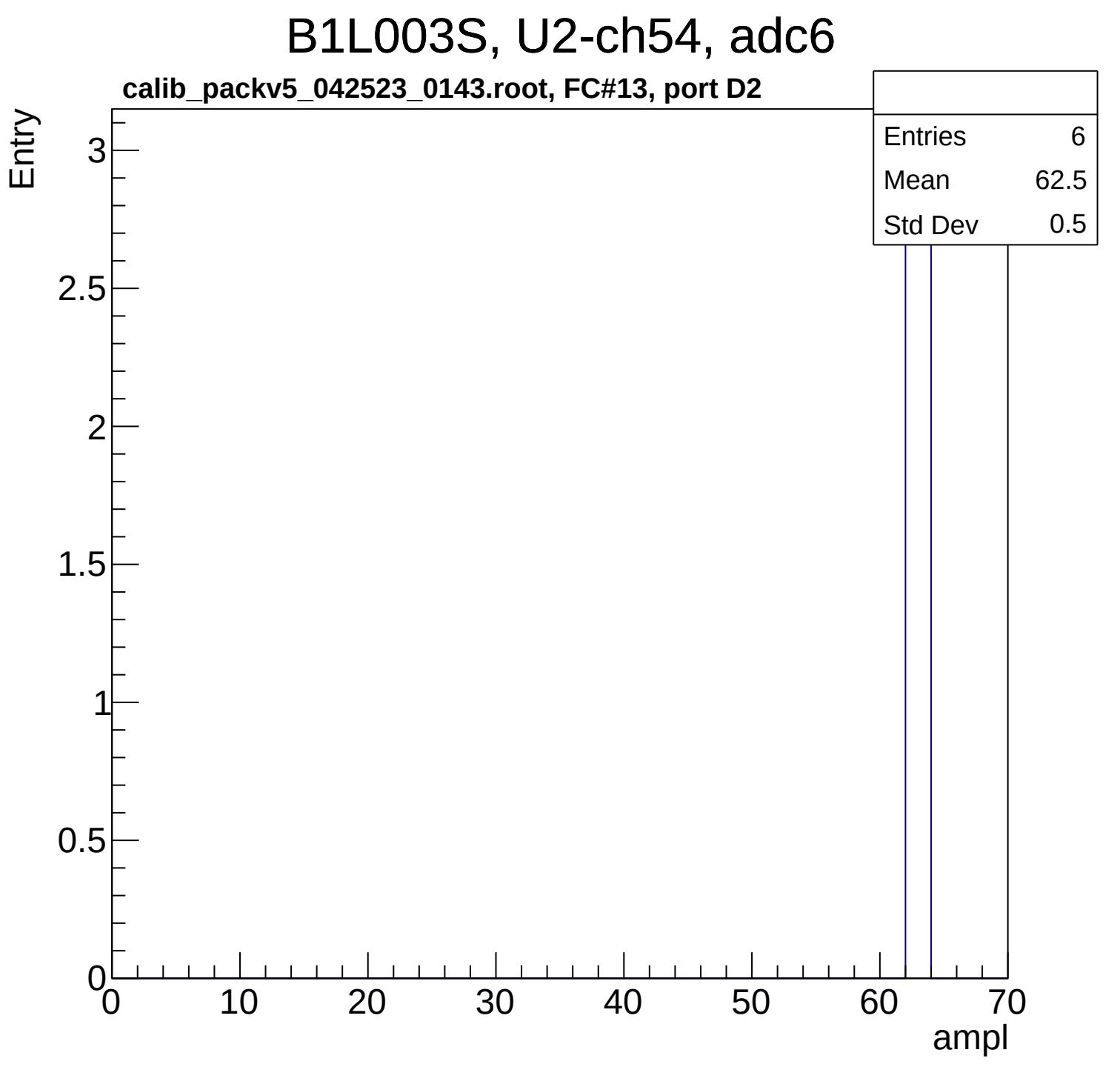
B1L003S, U2-ch54, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 62.5
Std Dev 0.5
Entry
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1
1.5
2
2.5
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10
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50
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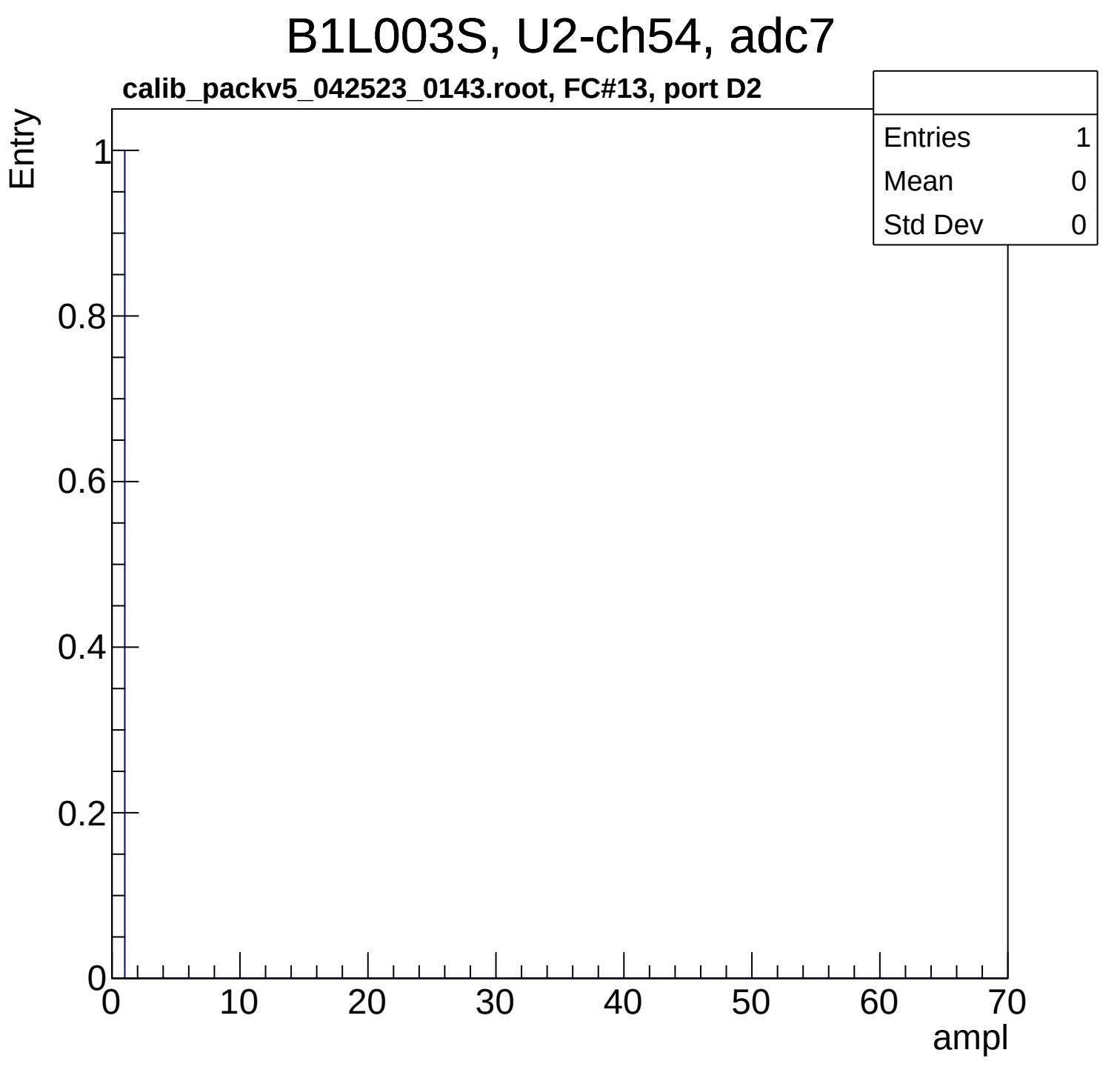
70
ampl


B1L003S, U2-ch54, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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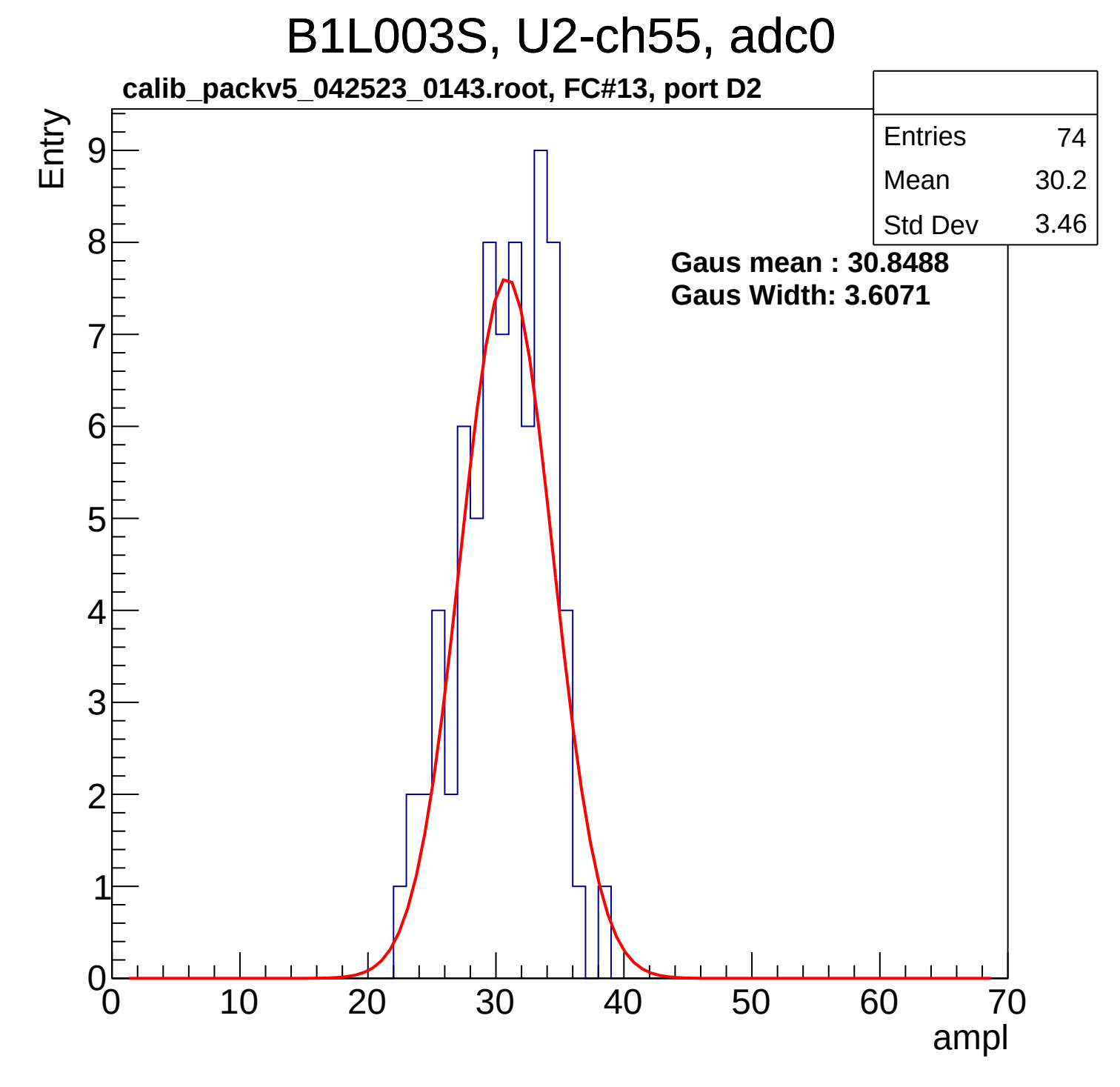
70
ampl


B1L003S, U2-ch55, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 30.2
Std Dev 3.46
Gaus mean : 30.8488
Gaus Width: 3.6071
Entry
ampl
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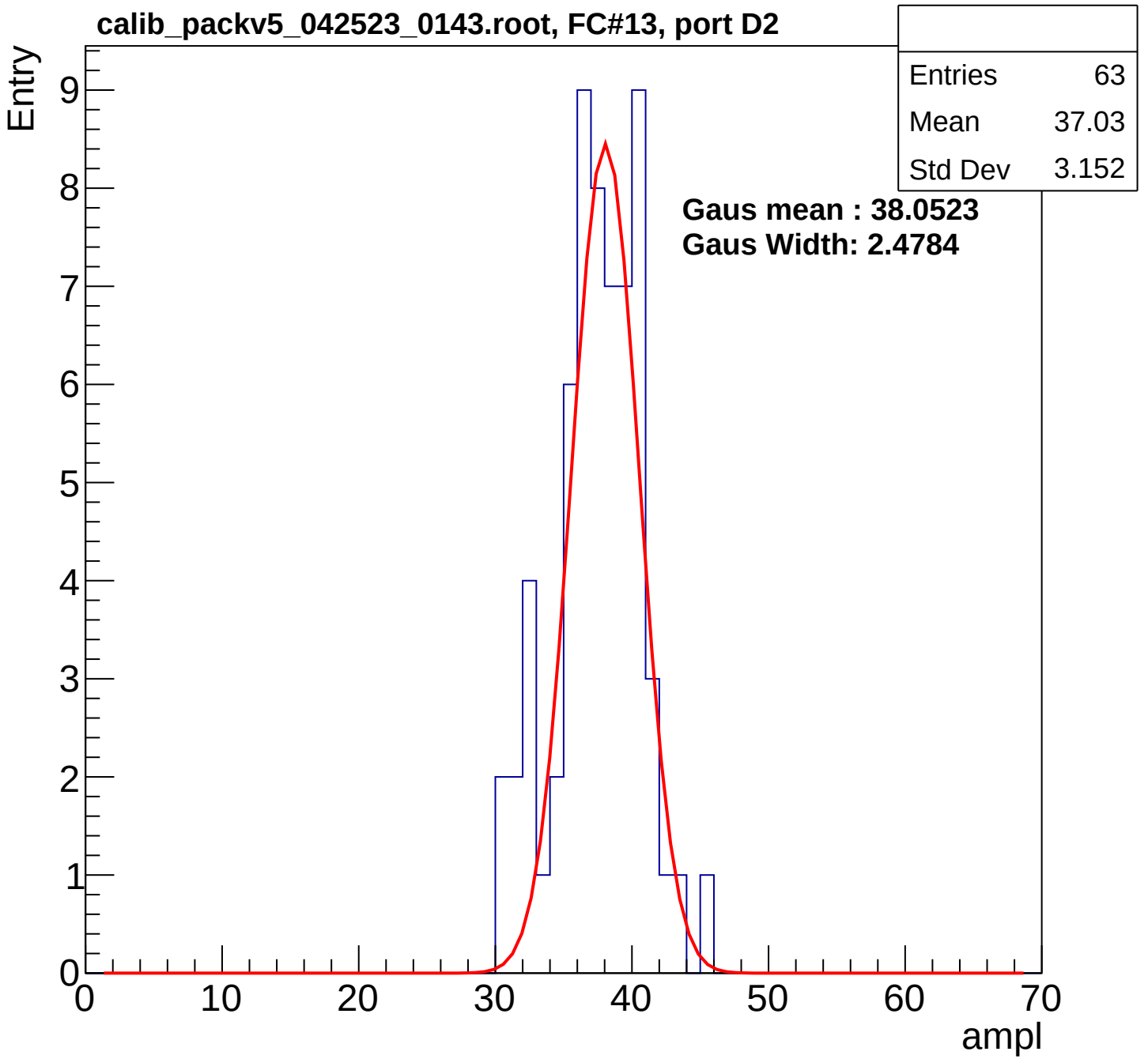
8
9


B1L003S, U2-ch55, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 37.03
Std Dev 3.152
Gaus mean : 38.0523
Gaus Width: 2.4784
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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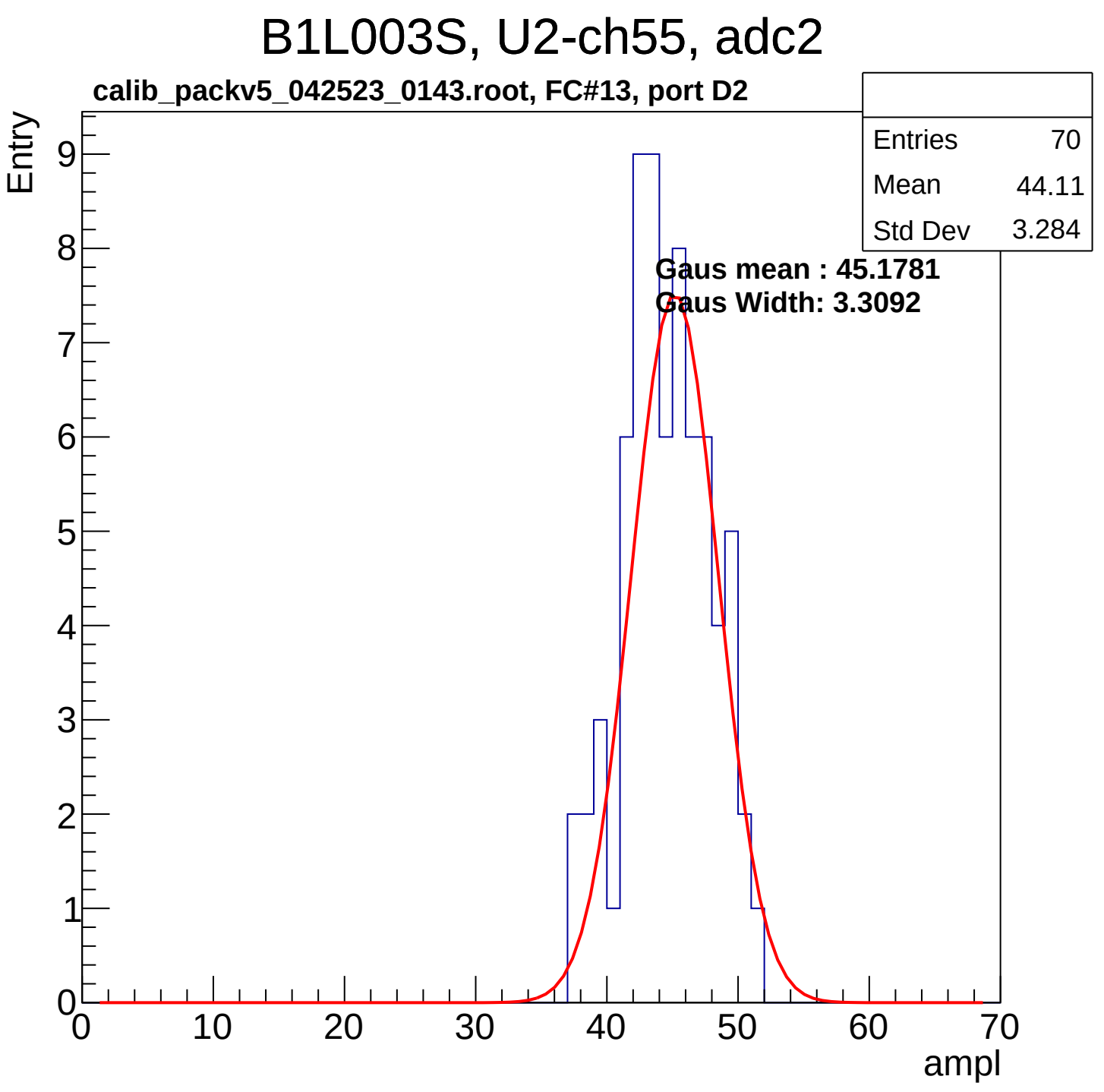
B1L003S, U2-ch55, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 44.11
Std Dev 3.284
Gaus mean : 45.1781
Gaus Width: 3.3092
Entry
ampl
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3
4
5
6
7
8
9
0
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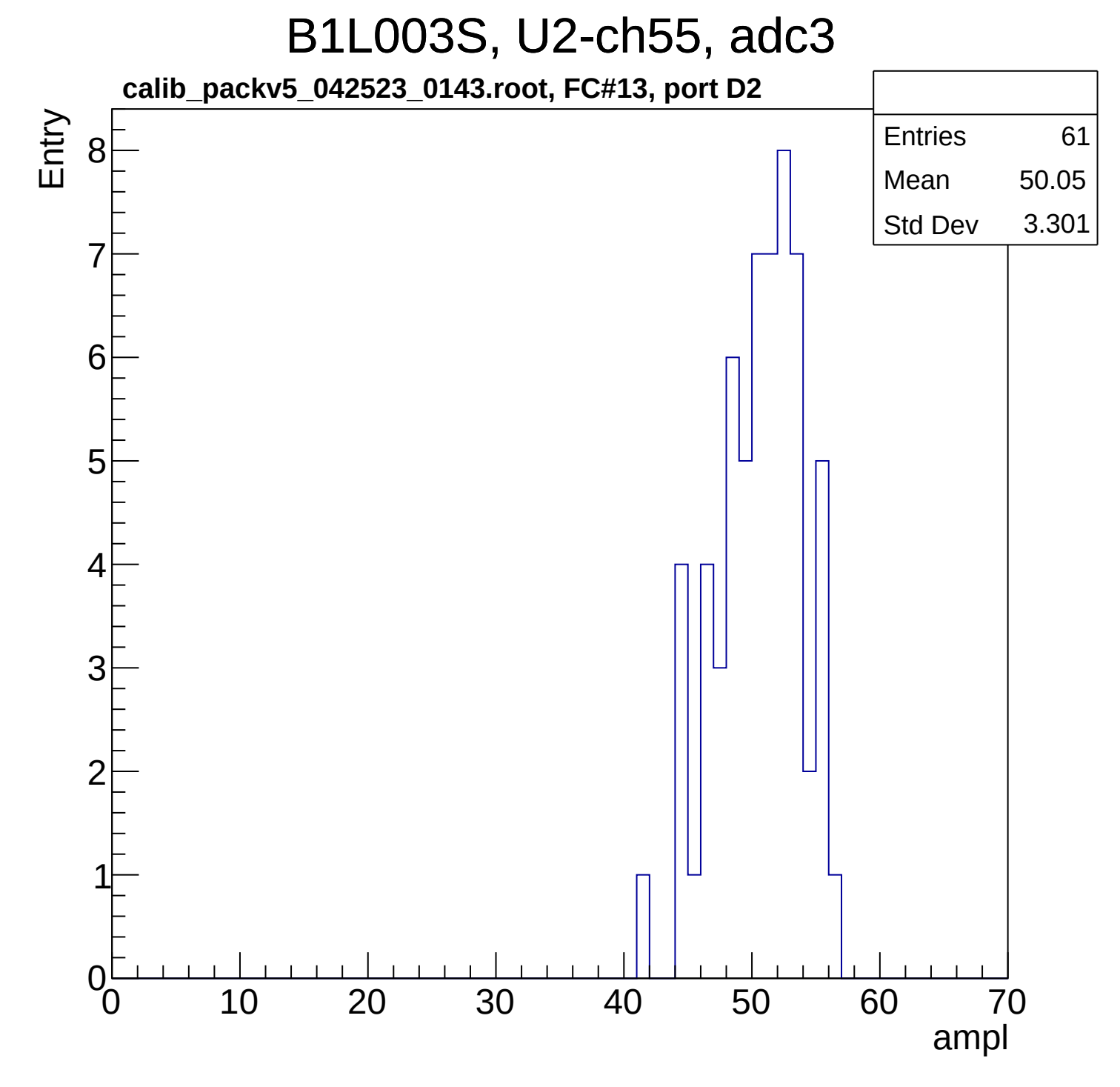
B1L003S, U2-ch55, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 50.05
Std Dev 3.301
Entry
ampl
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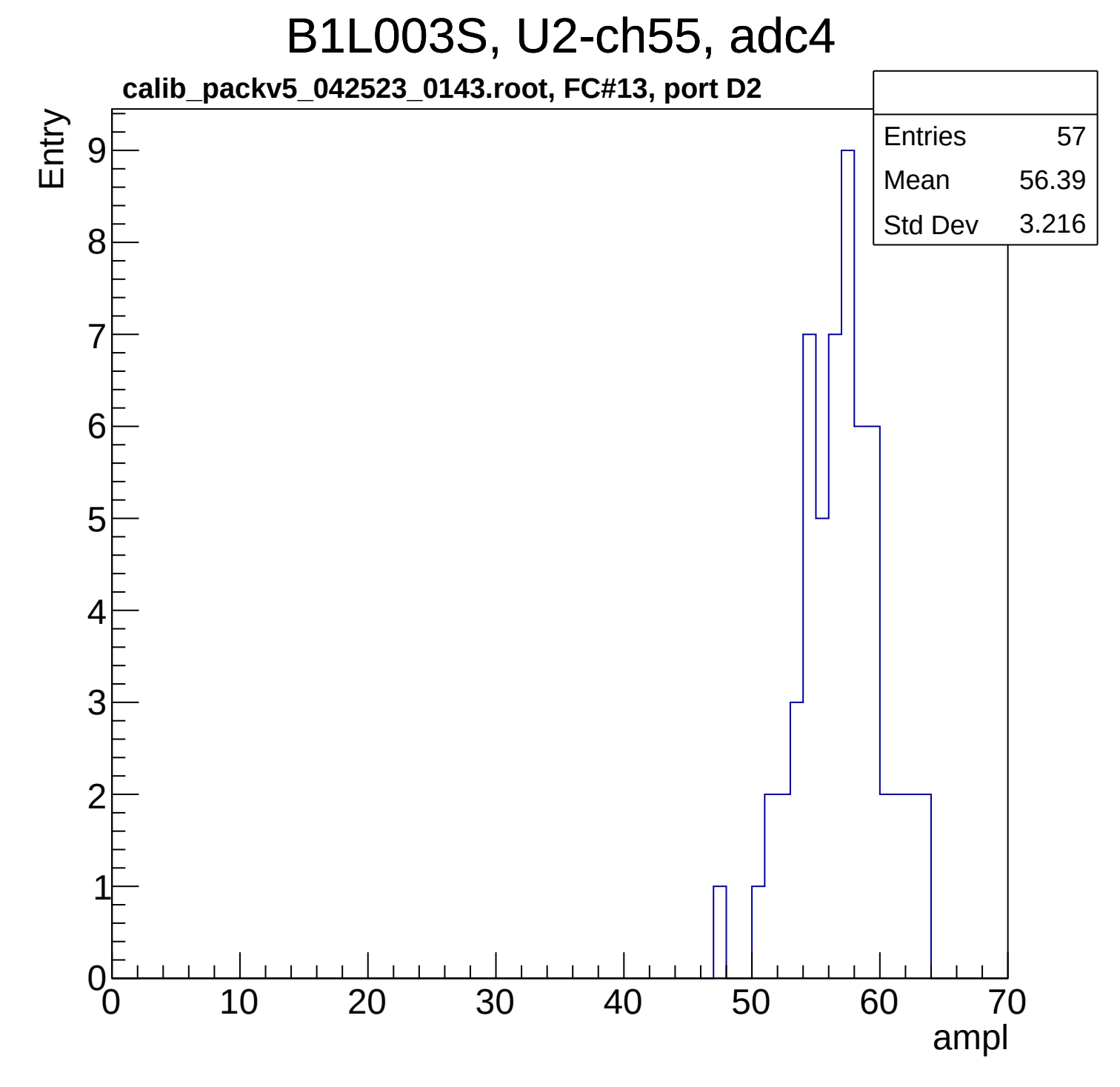
B1L003S, U2-ch55, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 56.39
Std Dev 3.216
Entry
ampl
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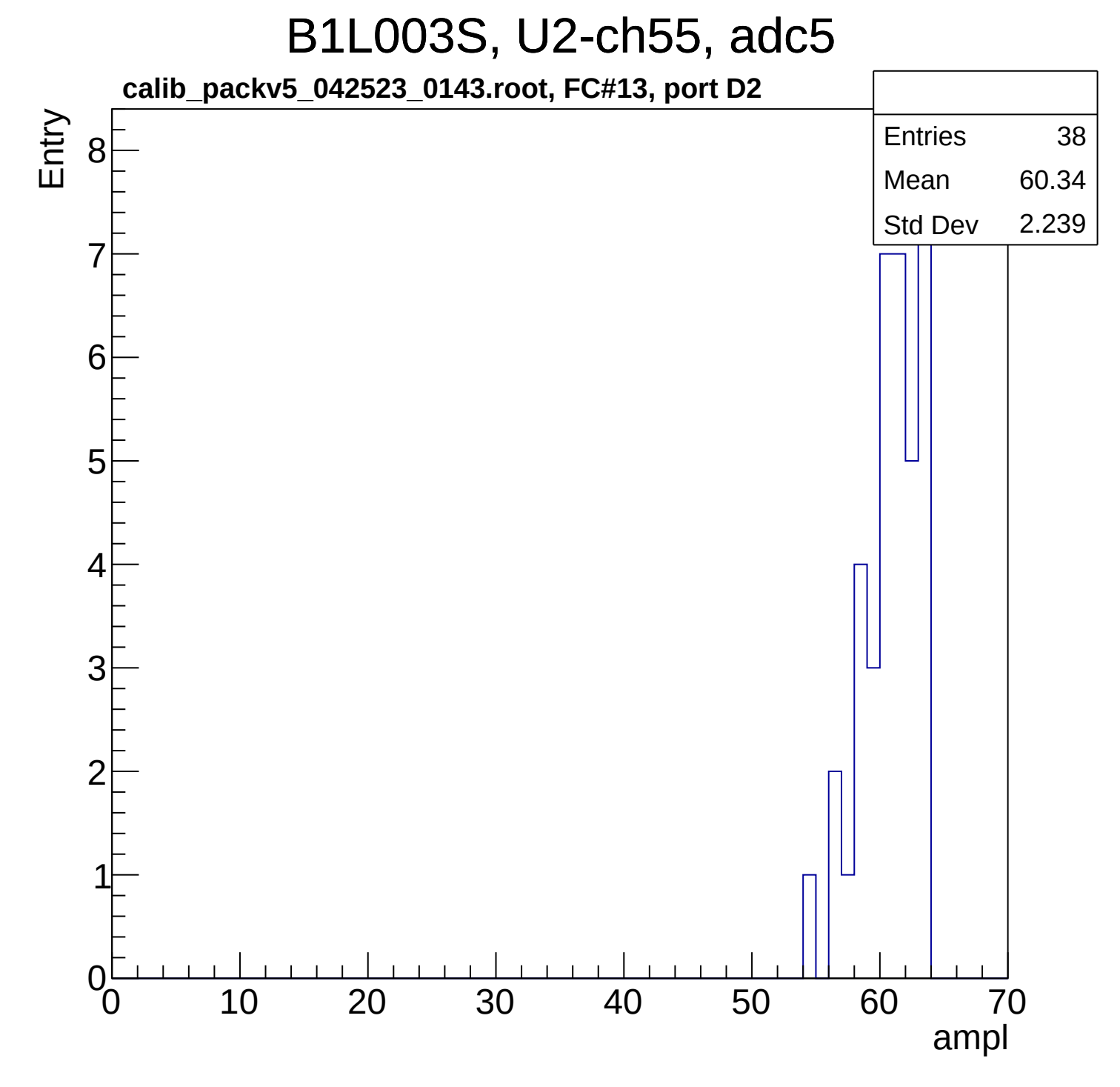
B1L003S, U2-ch55, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 60.34
Std Dev 2.239
Entry
ampl
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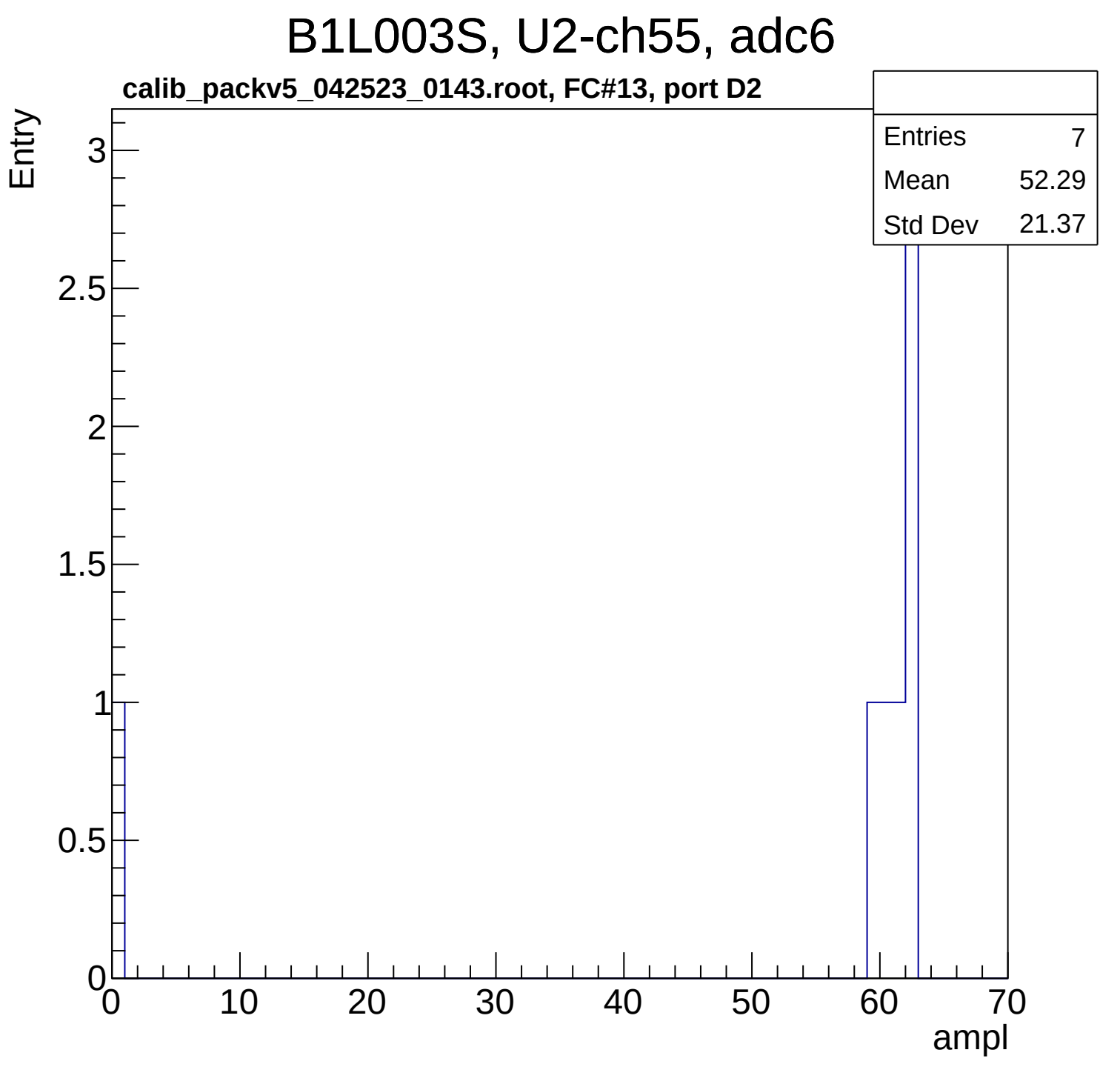
B1L003S, U2-ch55, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 52.29
Std Dev 21.37
Entry
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1
1.5
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2.5
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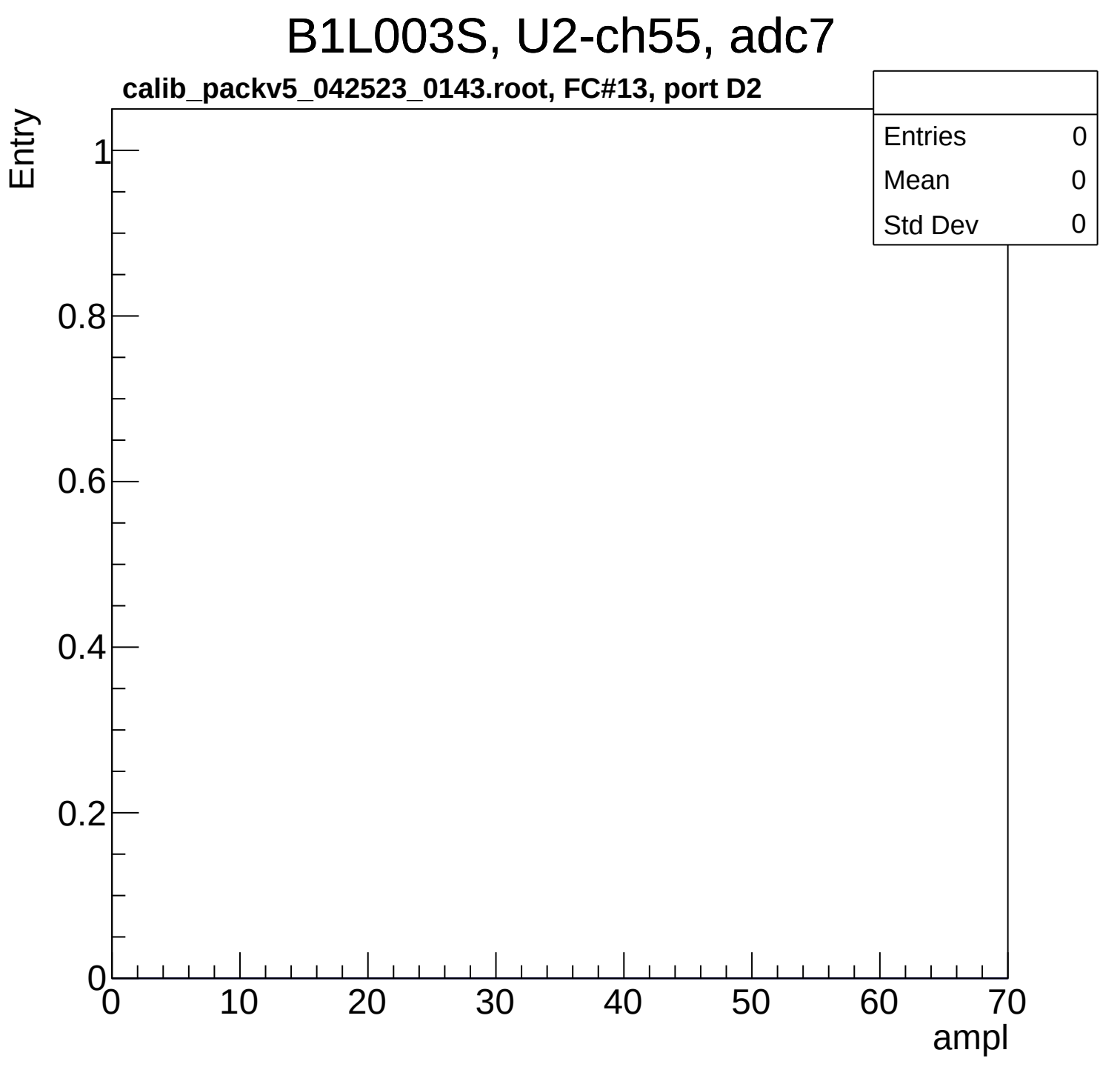
ampl


B1L003S, U2-ch55, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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0
0
10
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30
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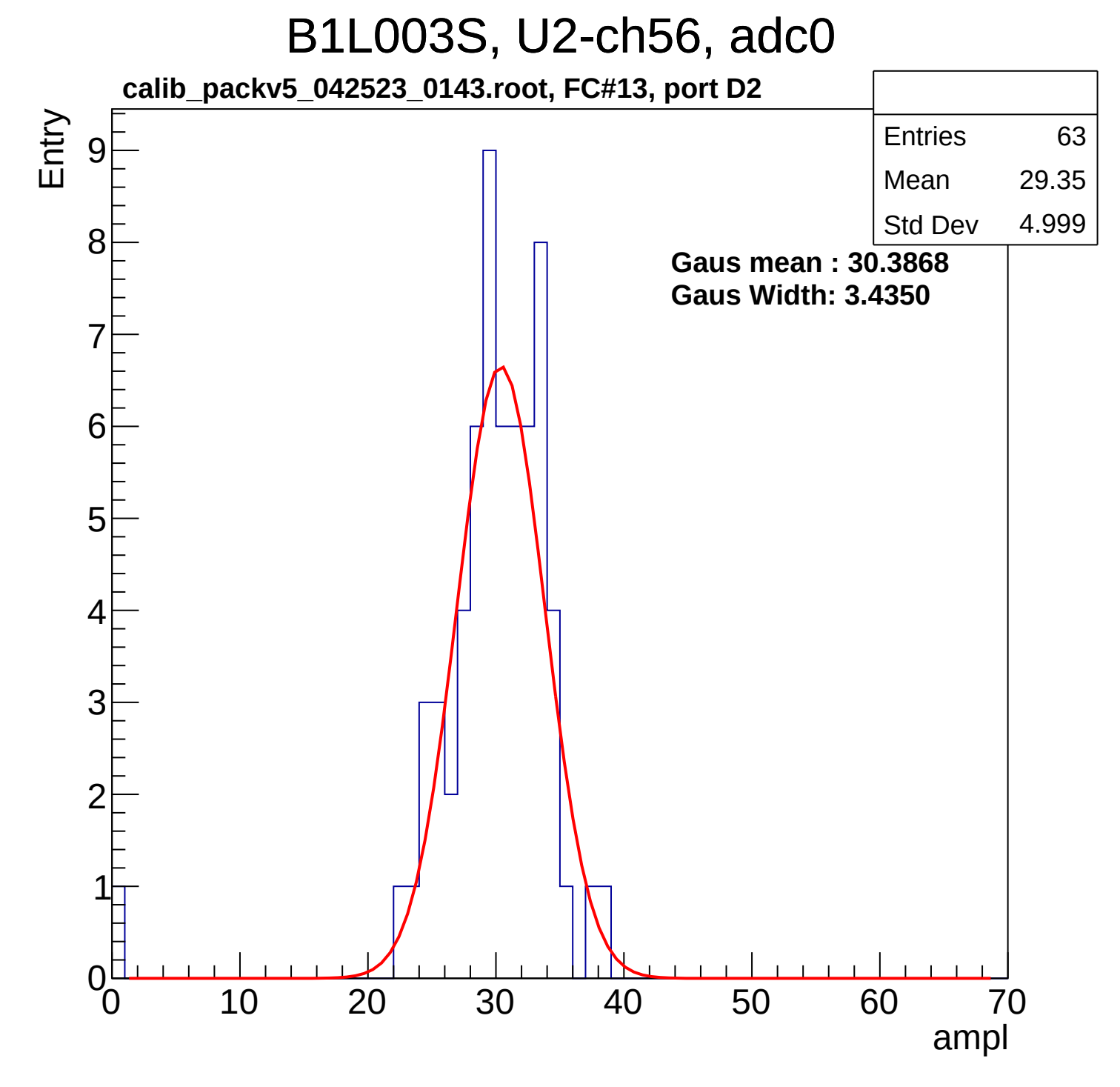
70
ampl


B1L003S, U2-ch56, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 29.35
Std Dev 4.999
Gaus mean : 30.3868
Gaus Width: 3.4350
Entry
ampl
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2
3
4
5
6
7
8
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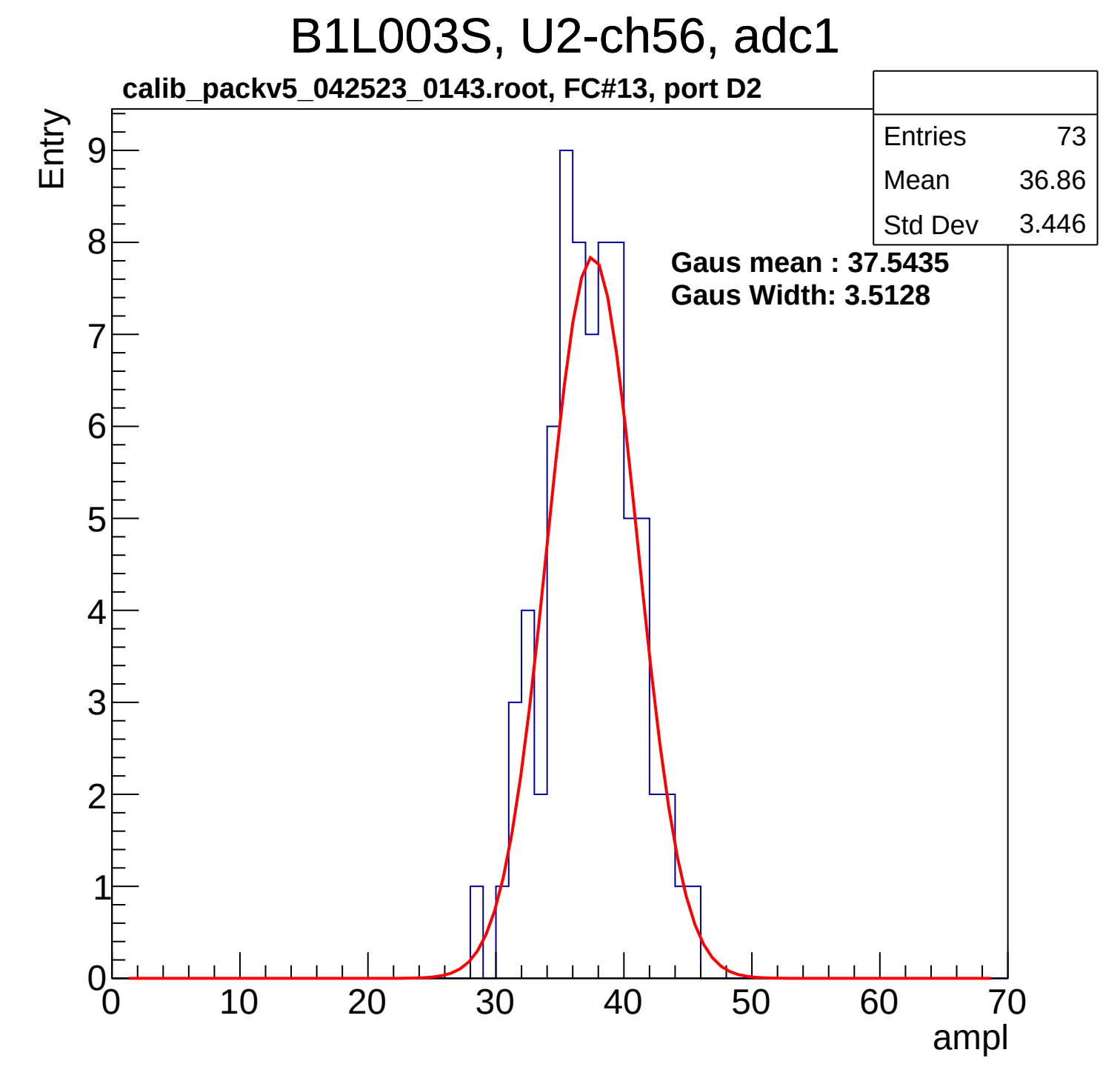
B1L003S, U2-ch56, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 36.86
Std Dev 3.446
Gaus mean : 37.5435
Gaus Width: 3.5128
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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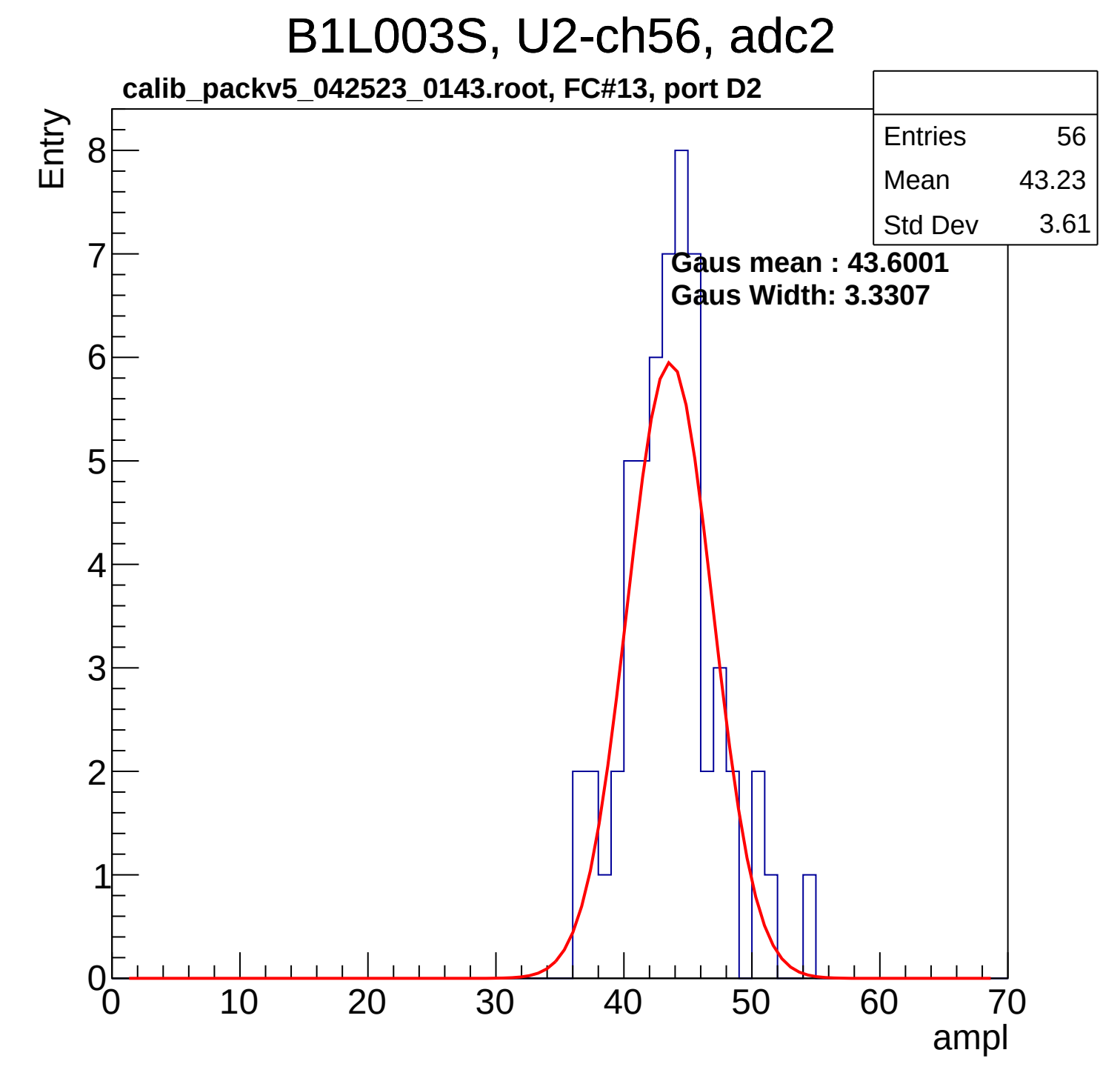
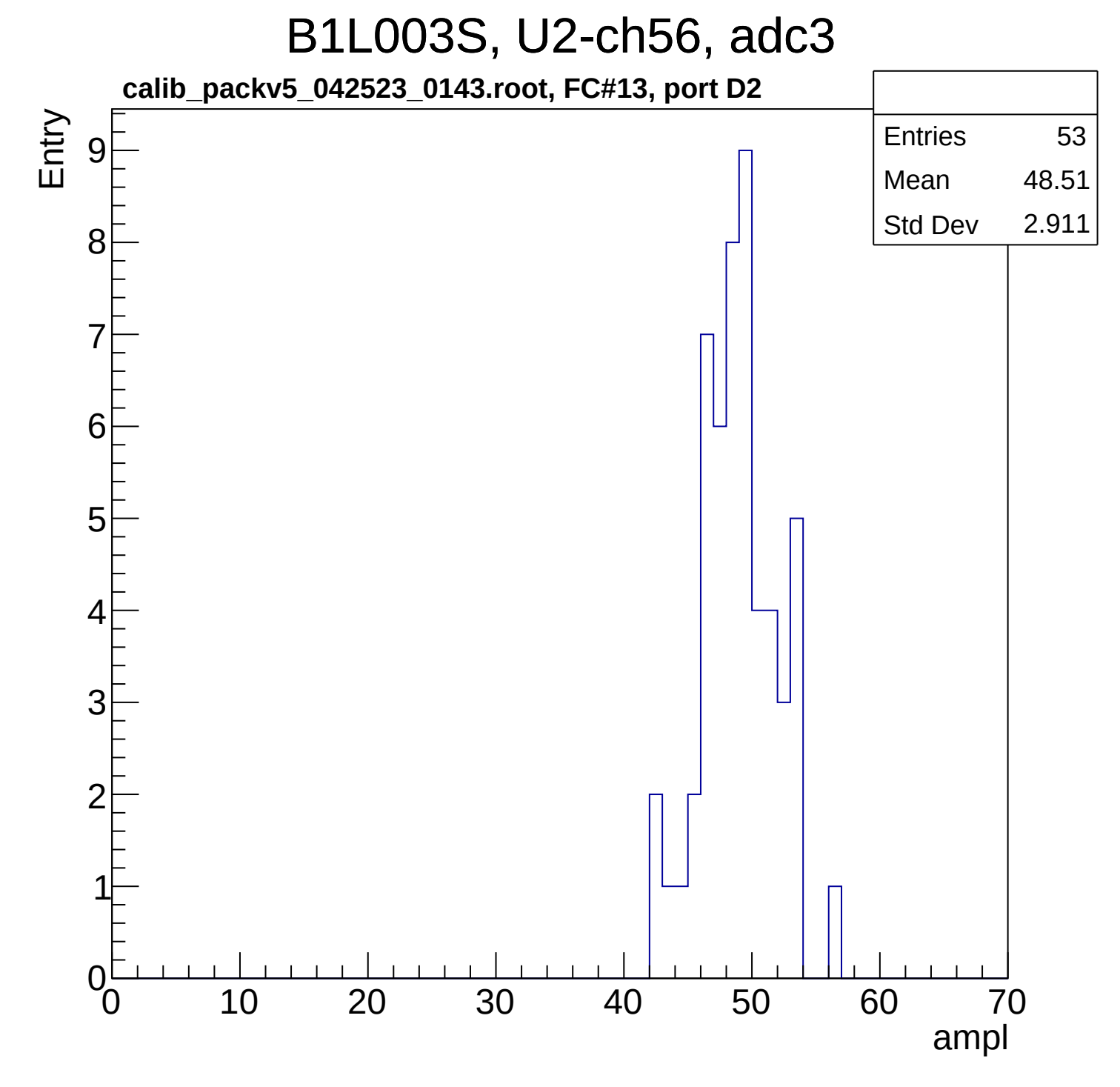

B1L003S, U2-ch56, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 43.23
Std Dev 3.61
Gaus mean : 43.6001
Gaus Width: 3.3307
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch56, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 48.51
Std Dev 2.911
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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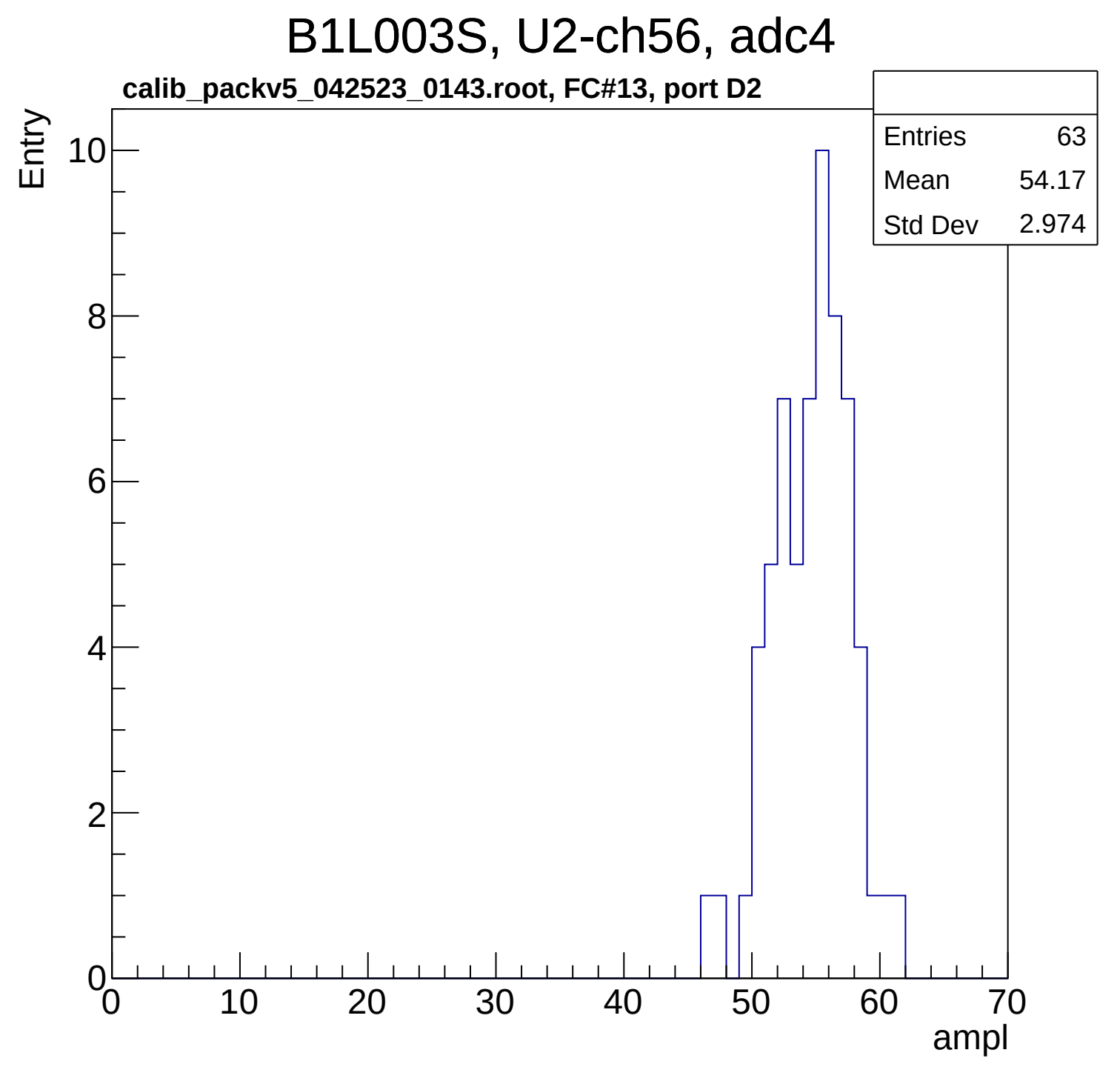
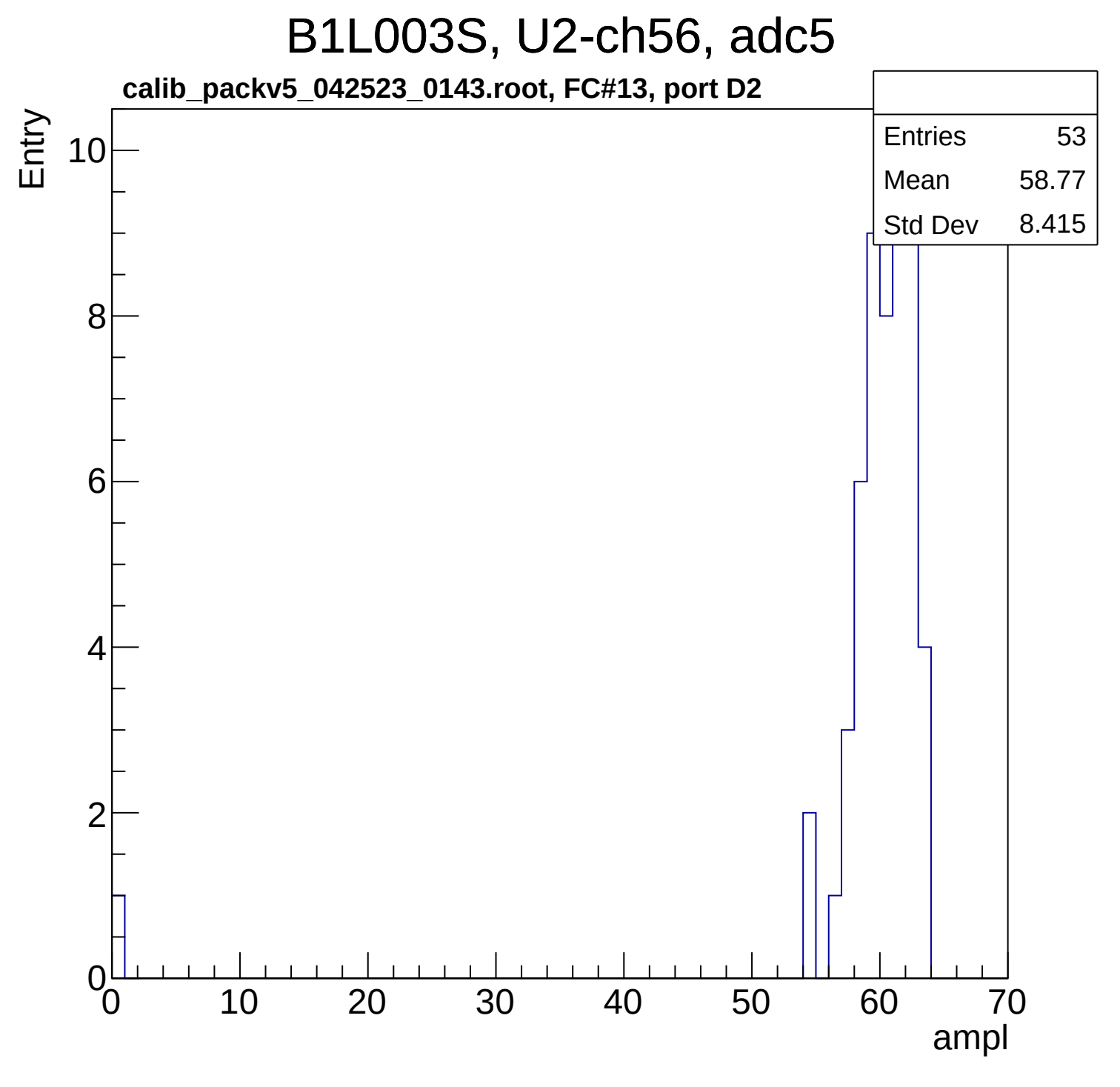
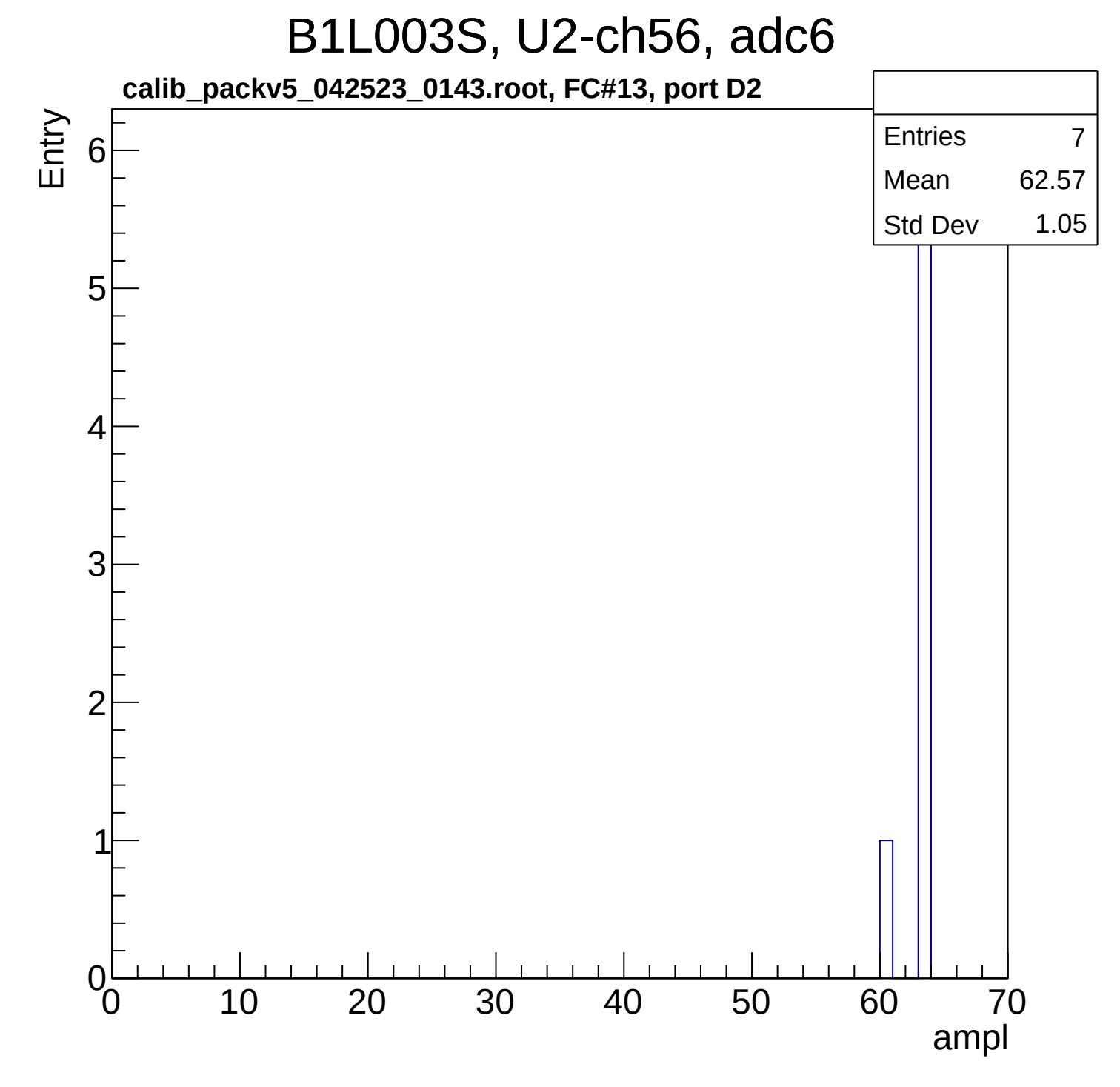
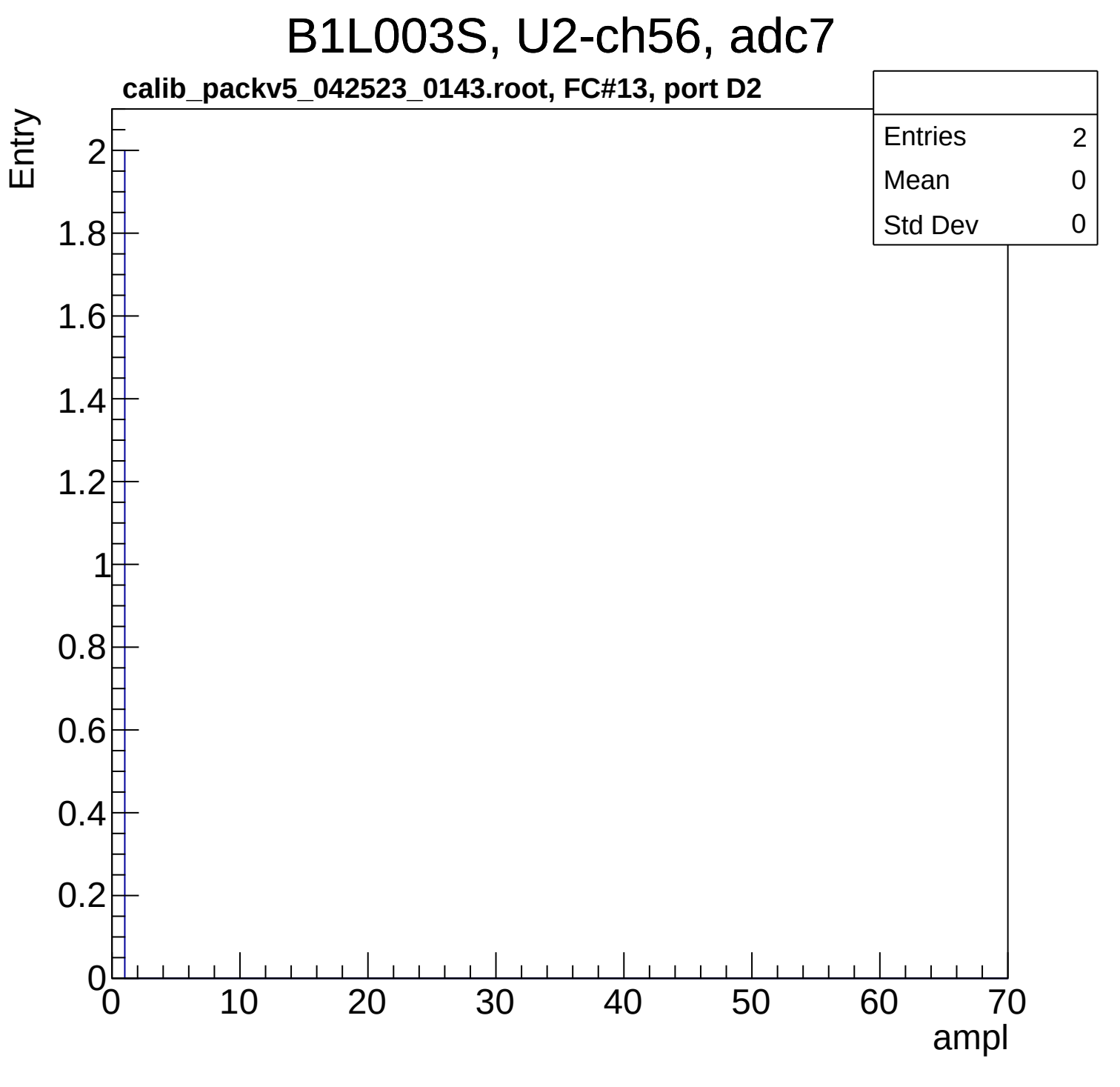
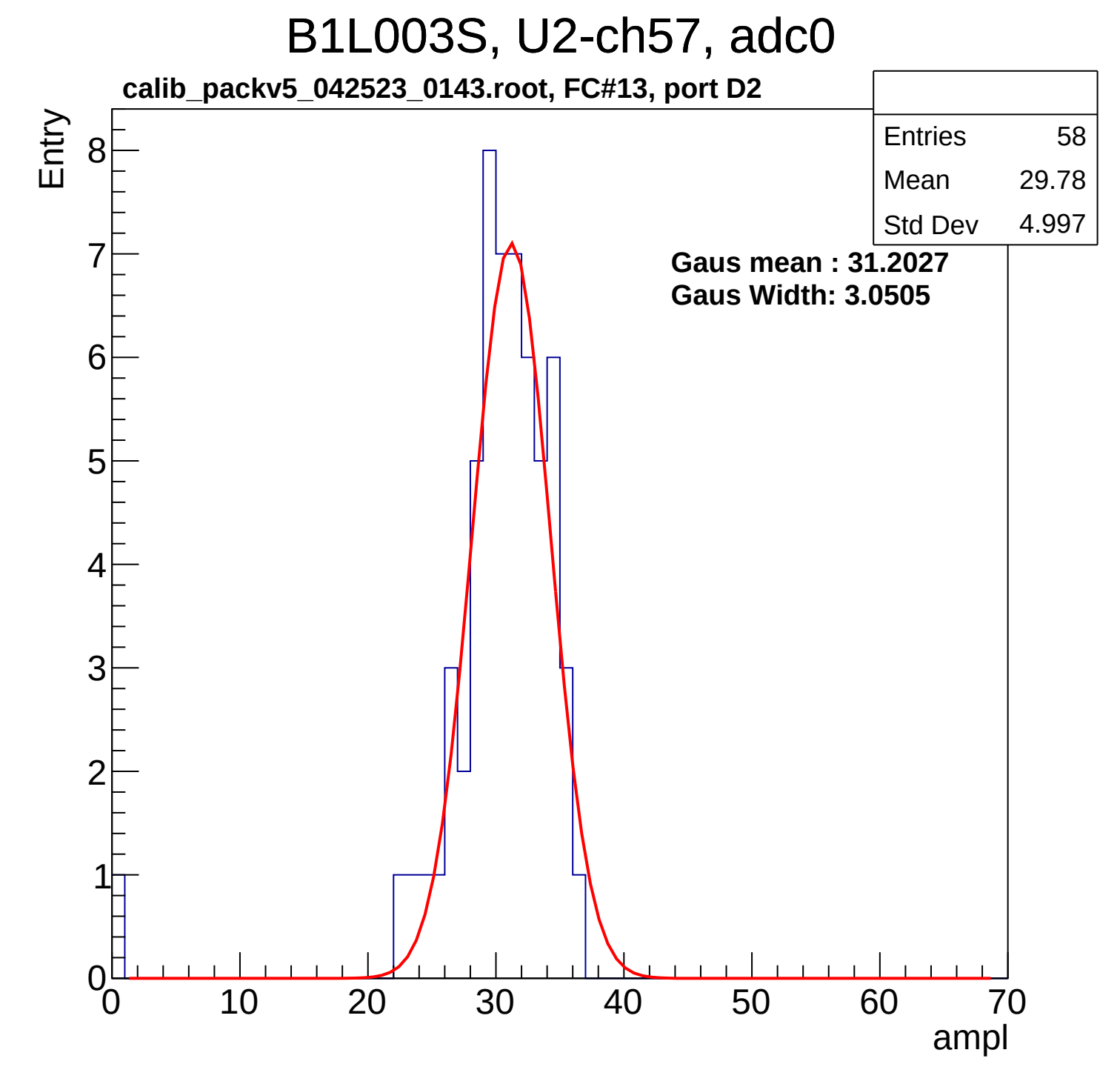
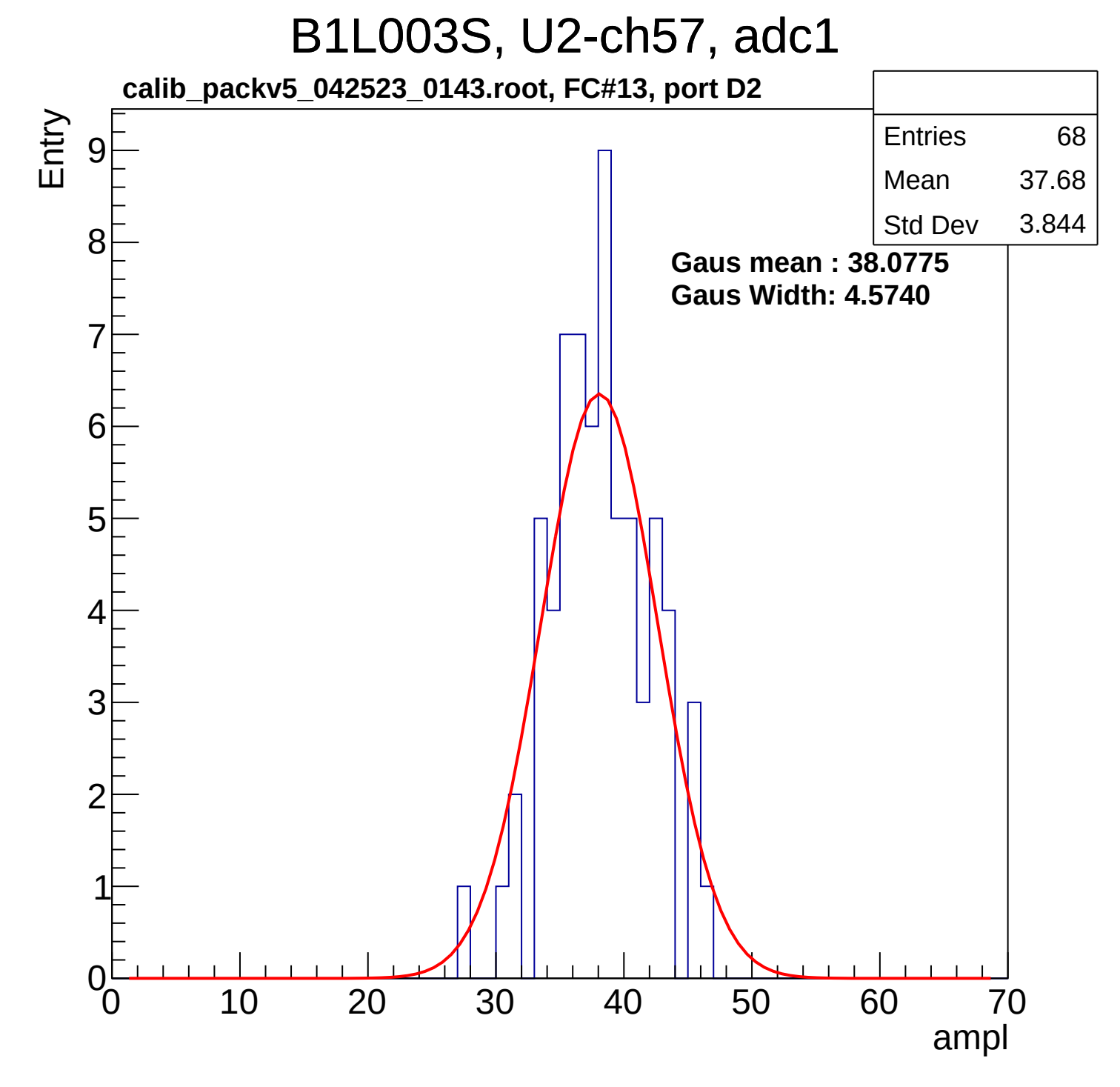

B1L003S, U2-ch56, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 54.17
Std Dev 2.974
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

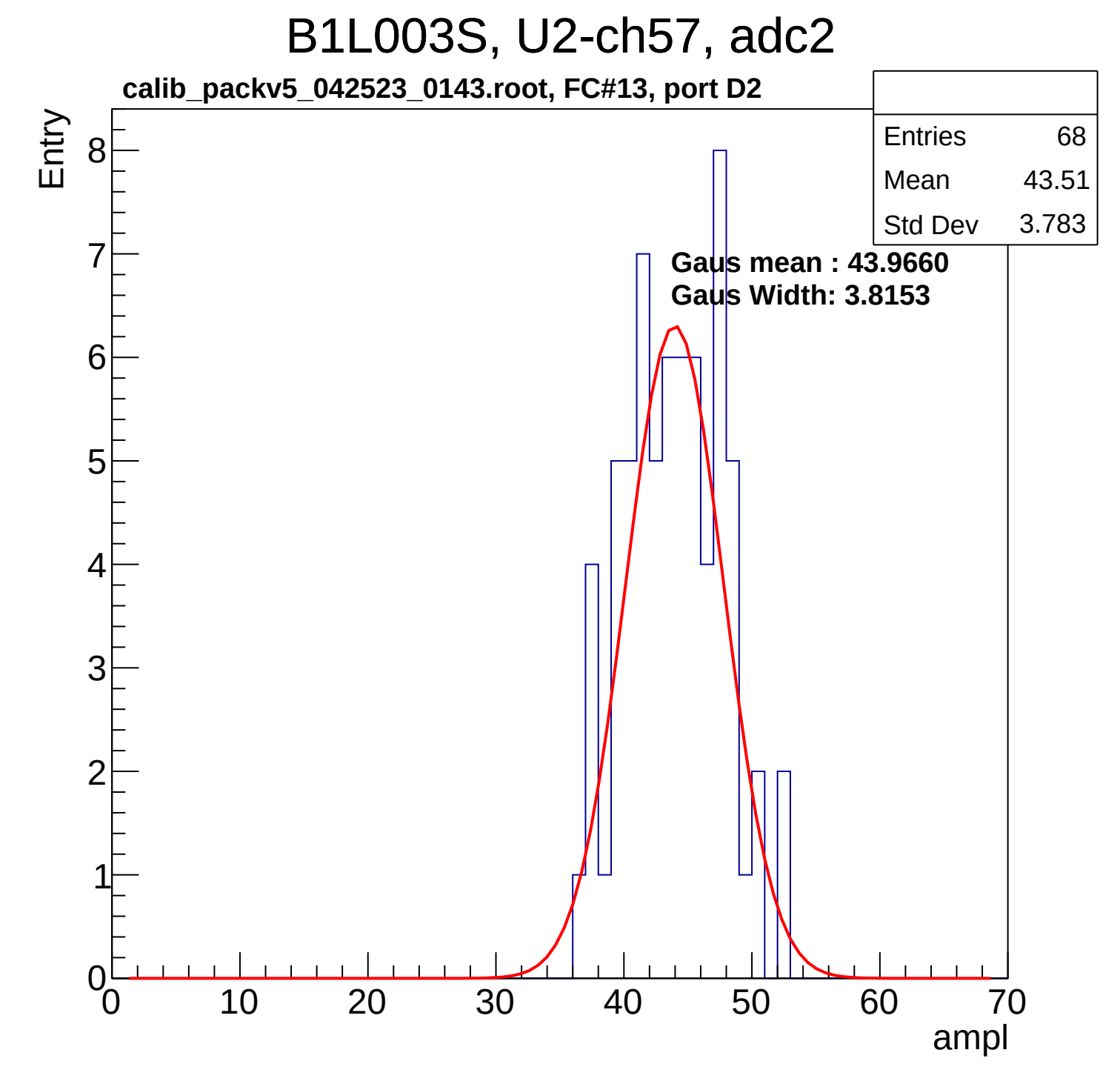

B1L003S, U2-ch56, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 58.77
Std Dev 8.415
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

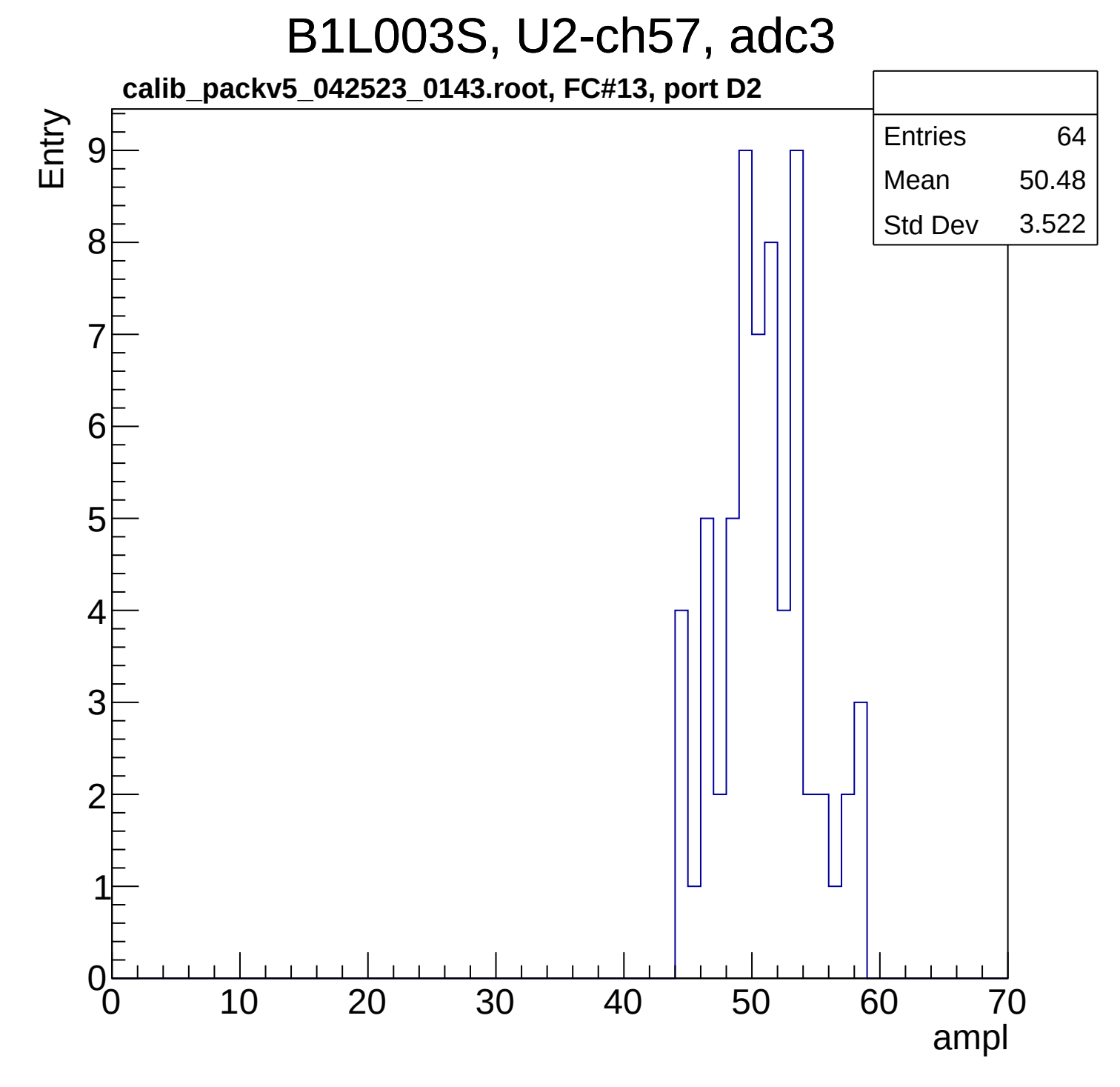

B1L003S, U2-ch56, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.57
Std Dev 1.05
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

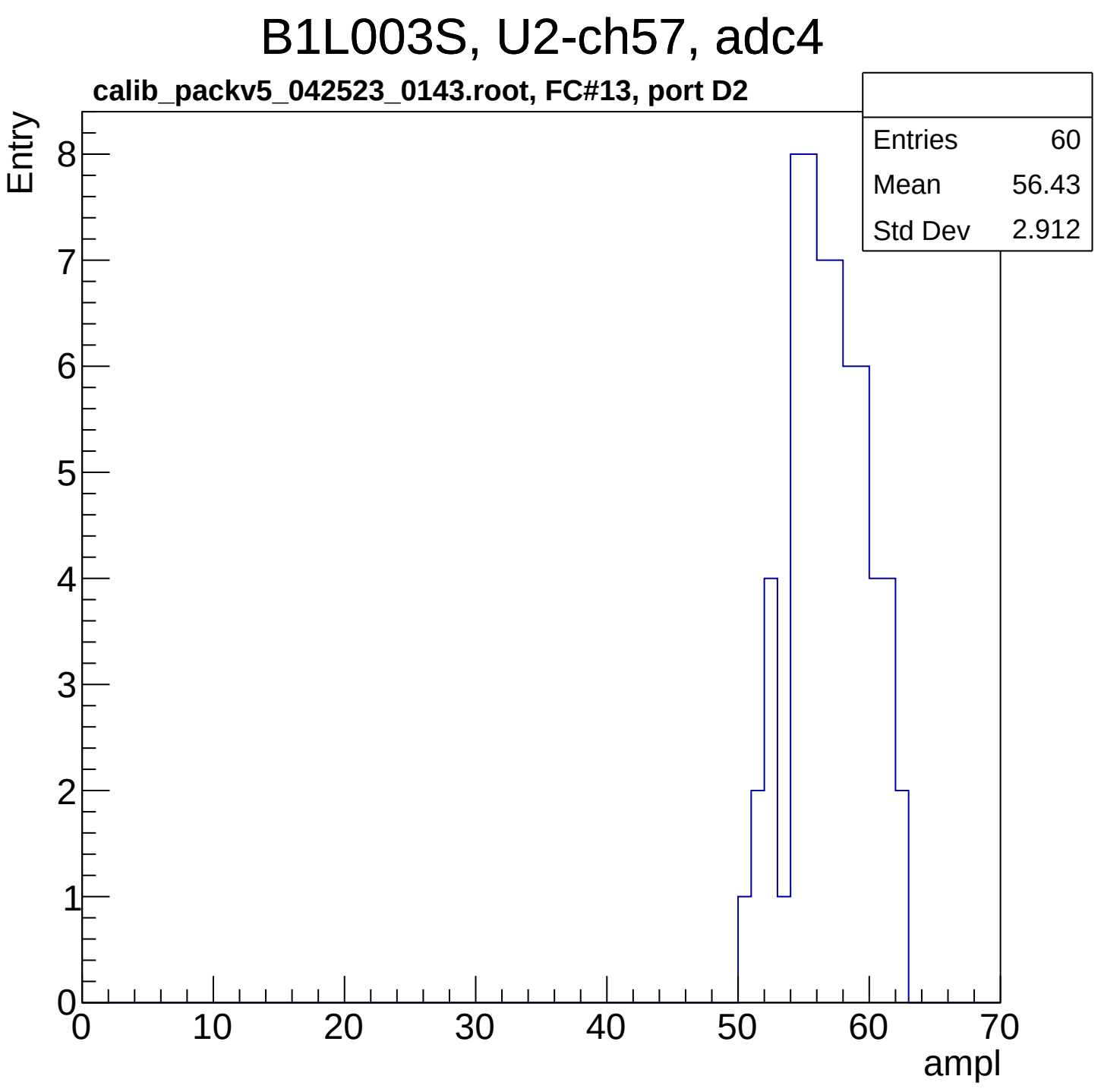

B1L003S, U2-ch56, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

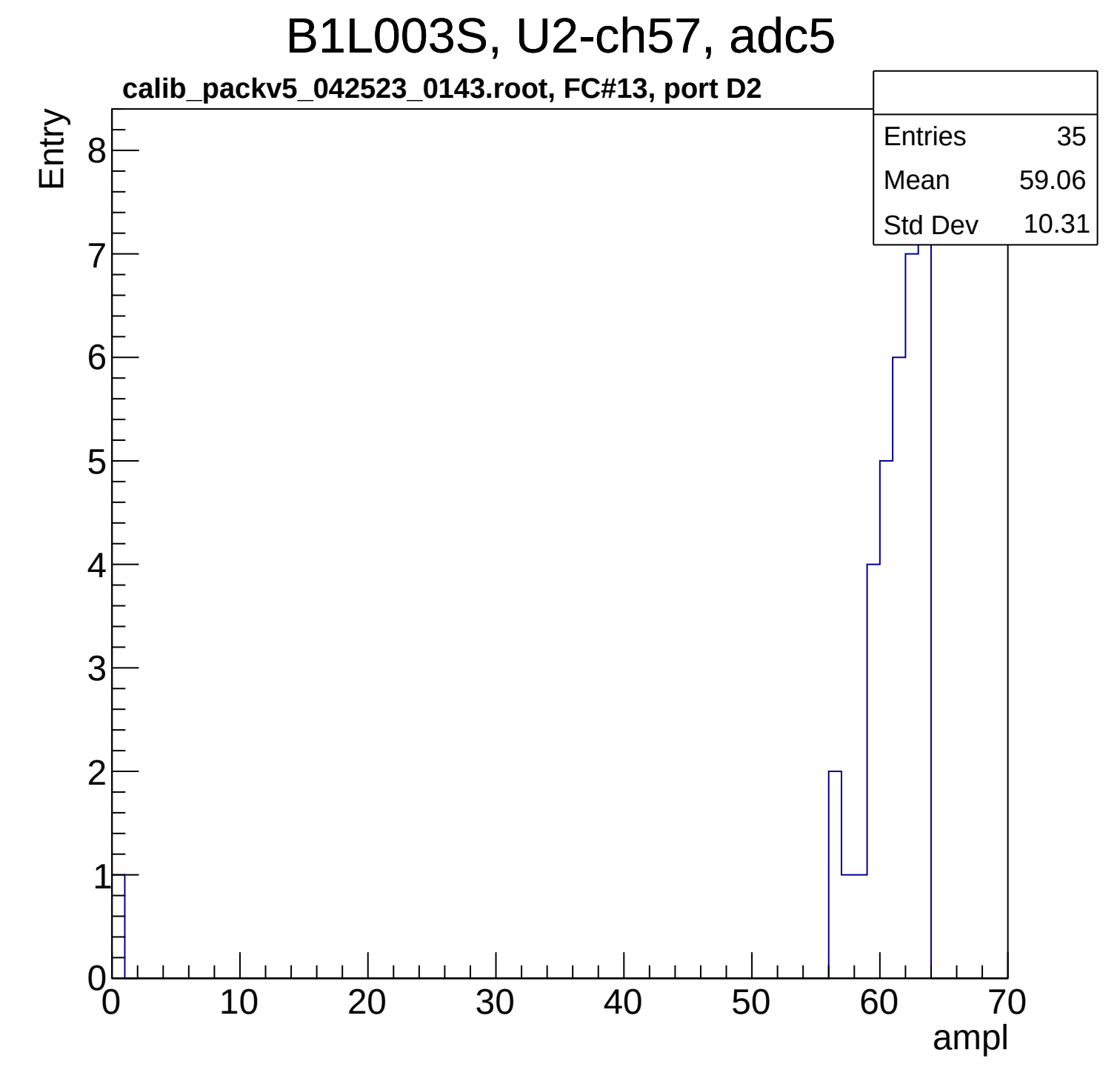

B1L003S, U2-ch57, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 29.78
Std Dev 4.997
Gaus mean : 31.2027
Gaus Width: 3.0505
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

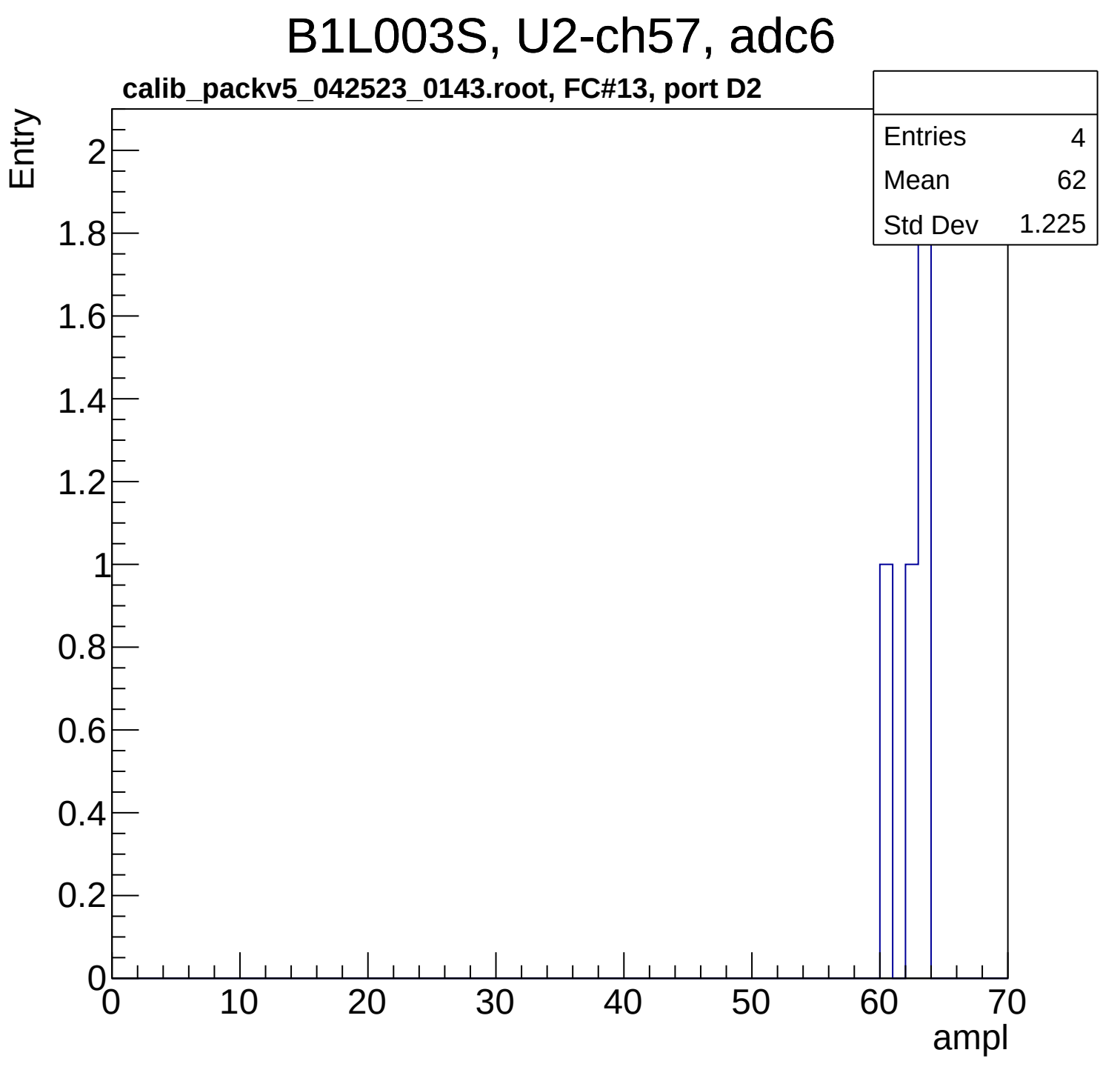

B1L003S, U2-ch57, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 37.68
Std Dev 3.844
Gaus mean : 38.0775
Gaus Width: 4.5740
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

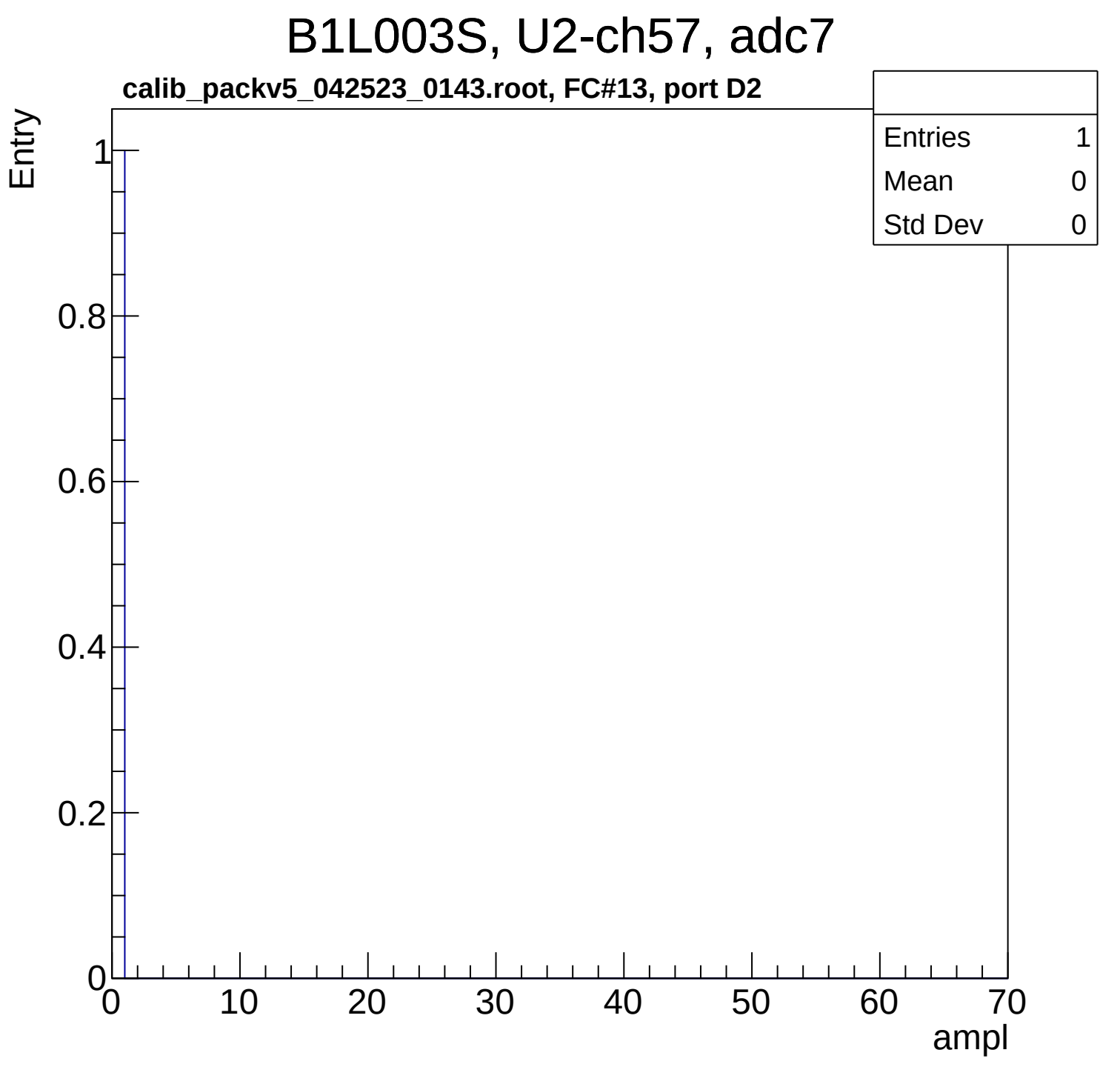

B1L003S, U2-ch57, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 43.51
Std Dev 3.783
Gaus mean : 43.9660
Gaus Width: 3.8153
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

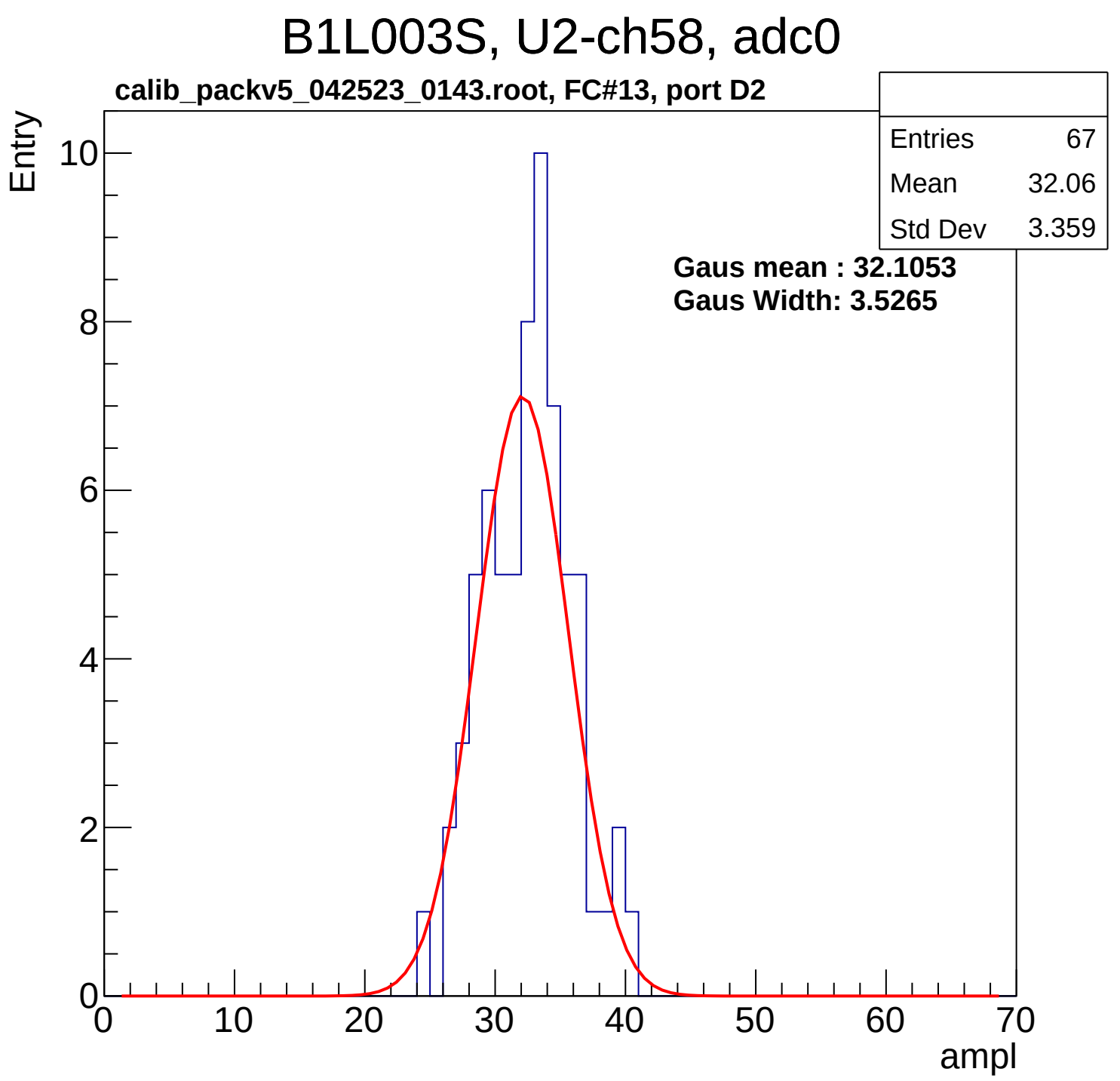

B1L003S, U2-ch57, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 50.48
Std Dev 3.522
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

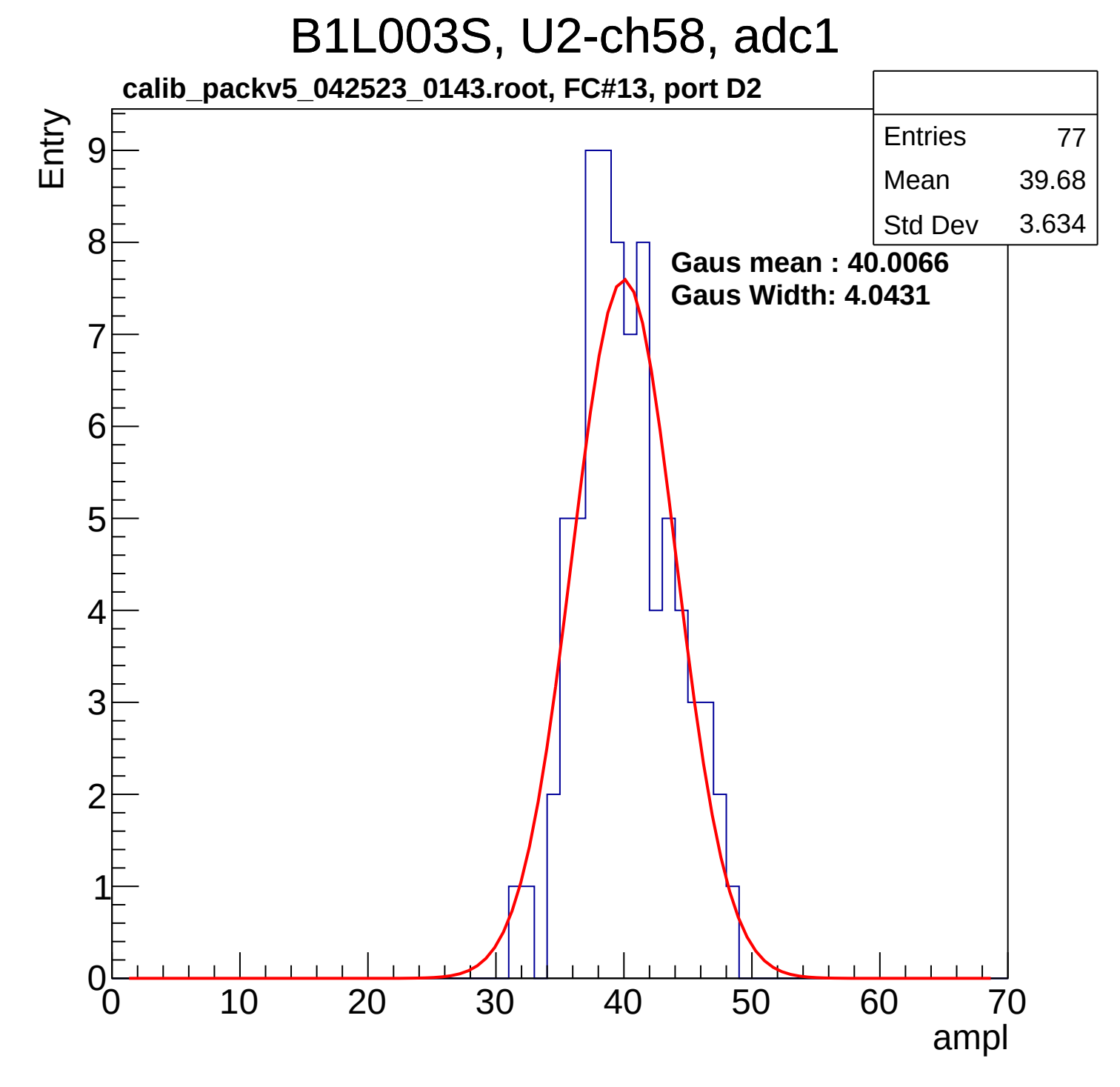

B1L003S, U2-ch57, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 56.43
Std Dev 2.912
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

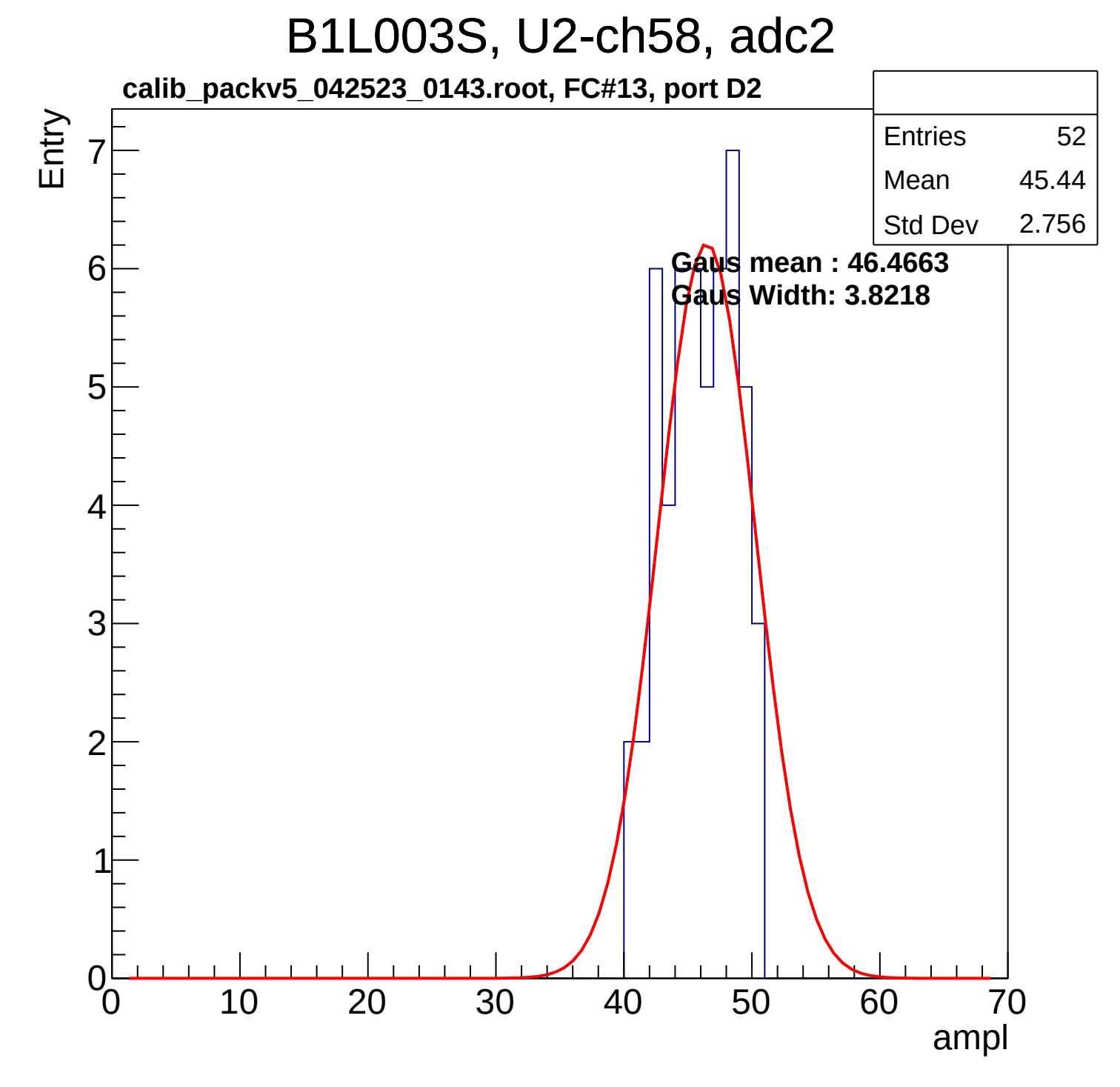

B1L003S, U2-ch57, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 59.06
Std Dev 10.31
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch57, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62
Std Dev 1.225
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U2-ch57, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch58, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 32.06
Std Dev 3.359
Gaus mean : 32.1053
Gaus Width: 3.5265
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch58, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 39.68
Std Dev 3.634
Gaus mean : 40.0066
Gaus Width: 4.0431
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch58, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 45.44
Std Dev 2.756
Gaus mean : 46.4663
Gaus Width: 3.8218
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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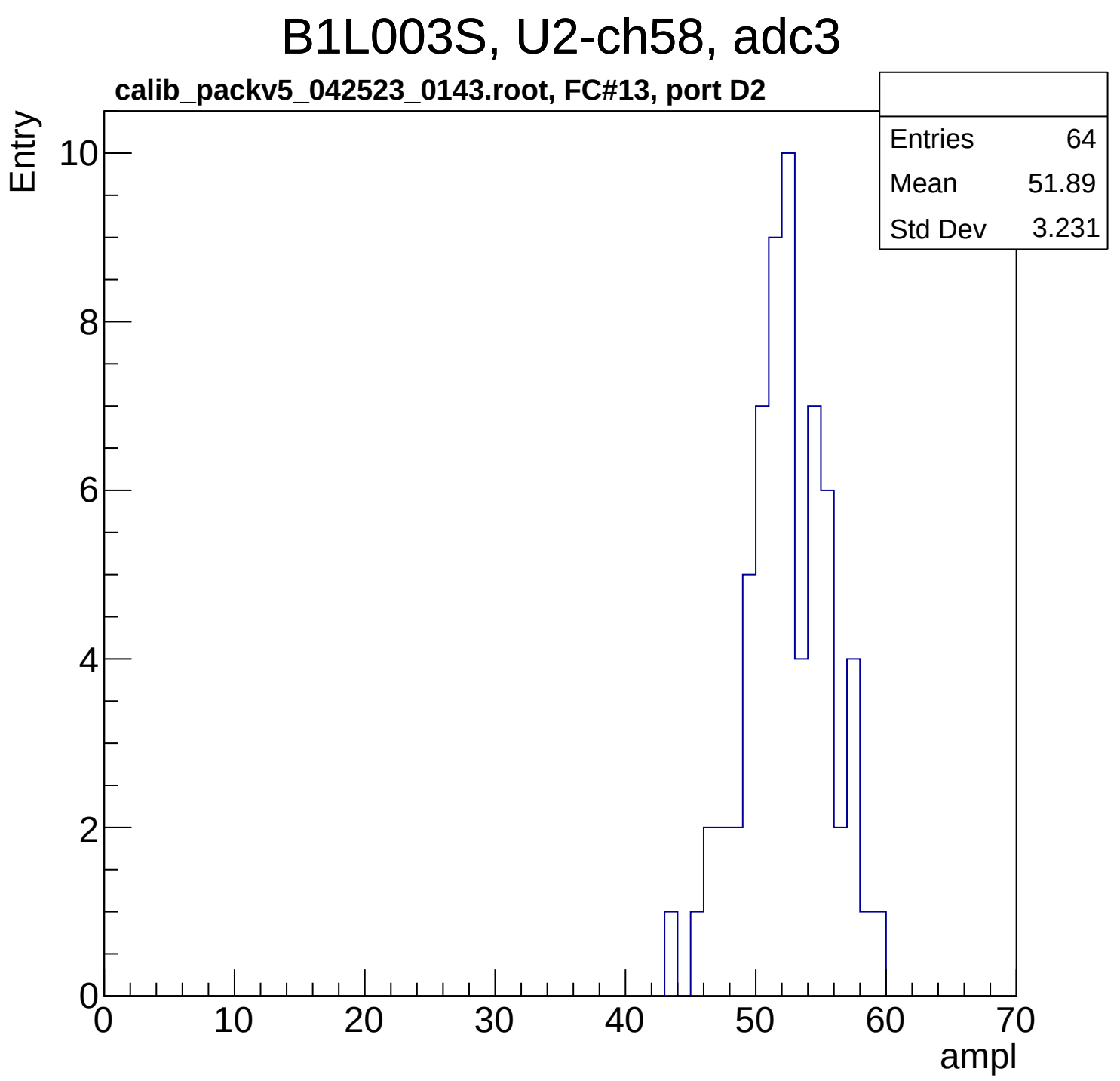
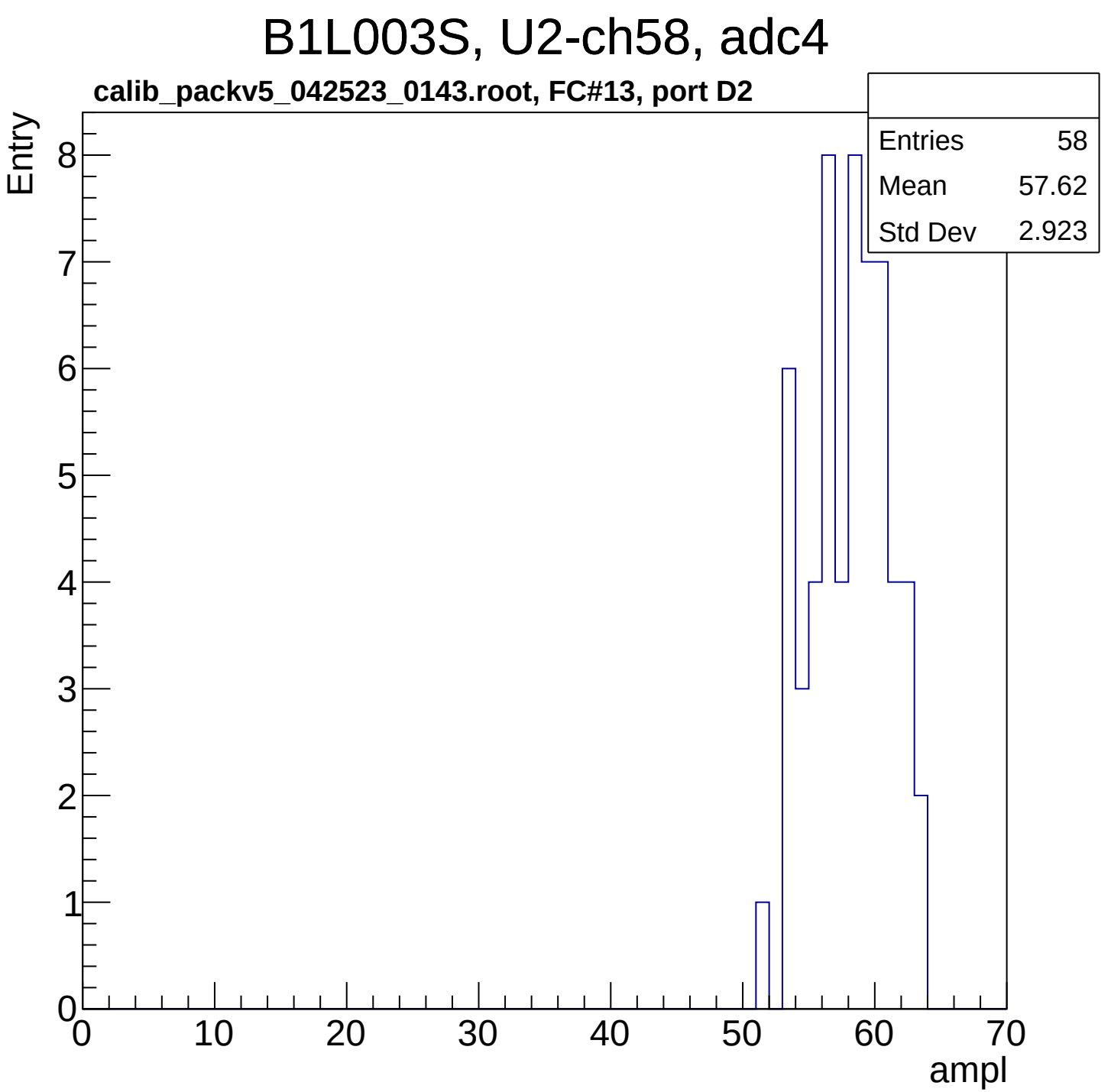

B1L003S, U2-ch58, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 51.89
Std Dev 3.231
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch58, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 57.62
Std Dev 2.923
Entry
ampl
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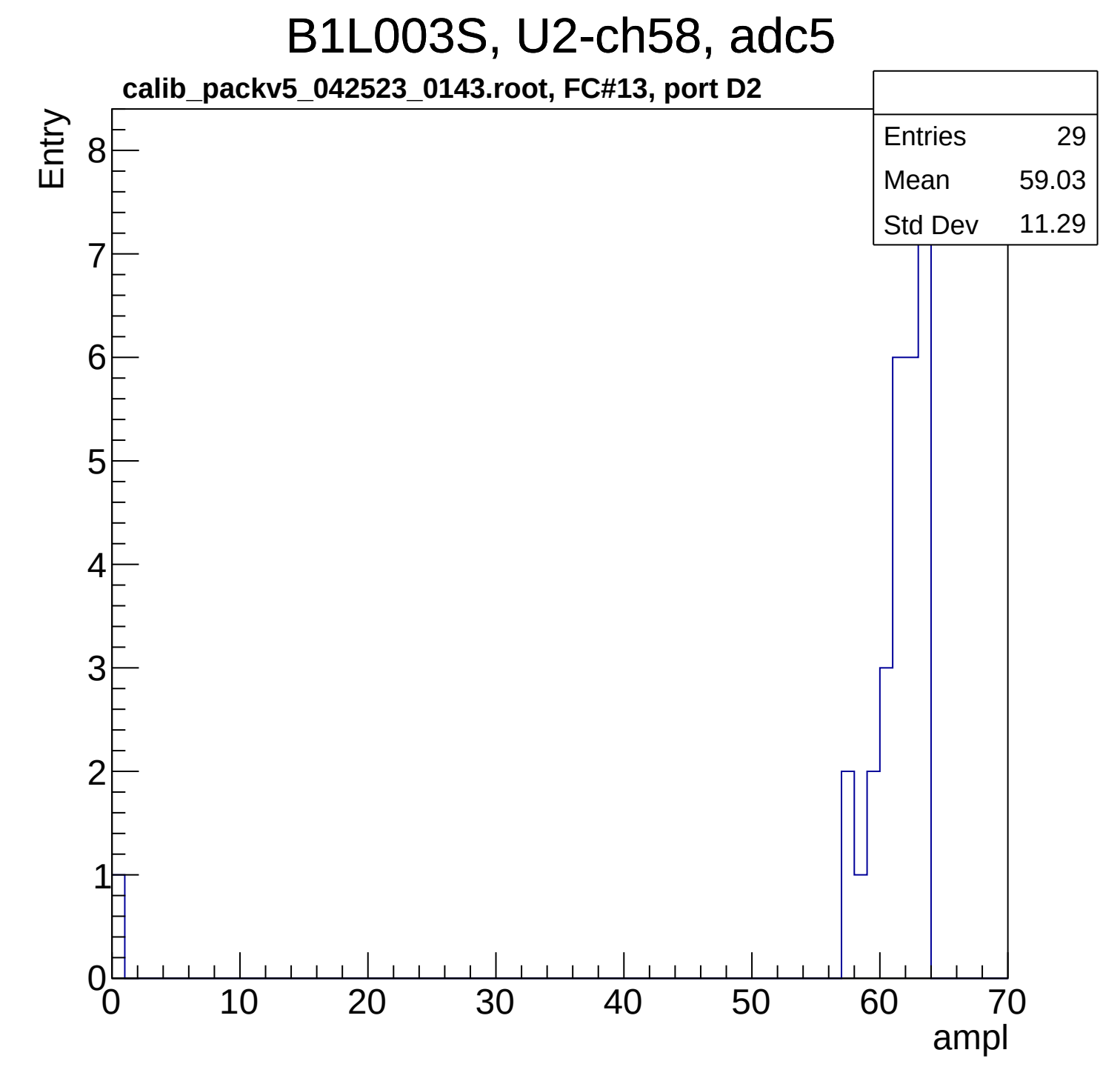
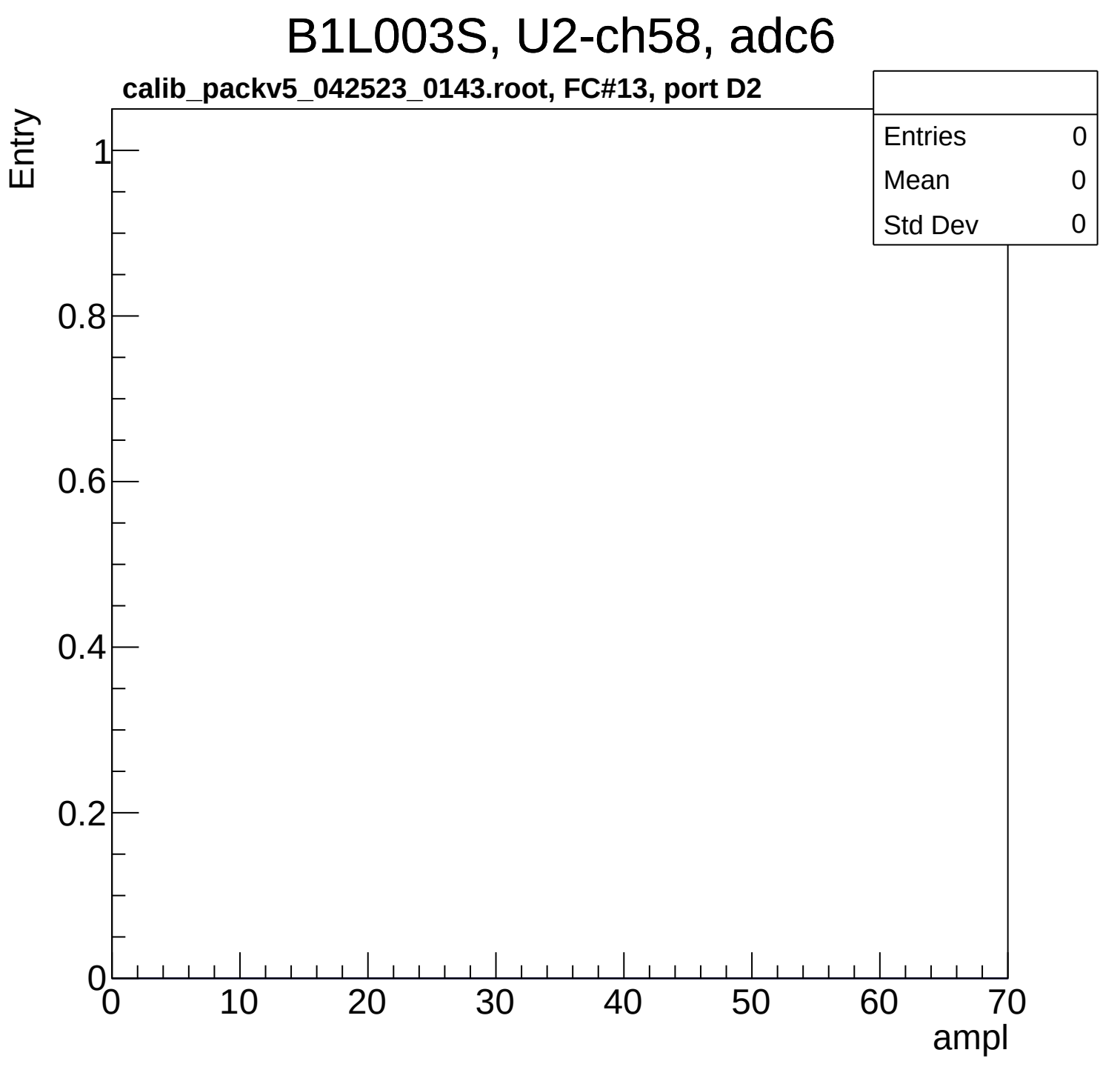
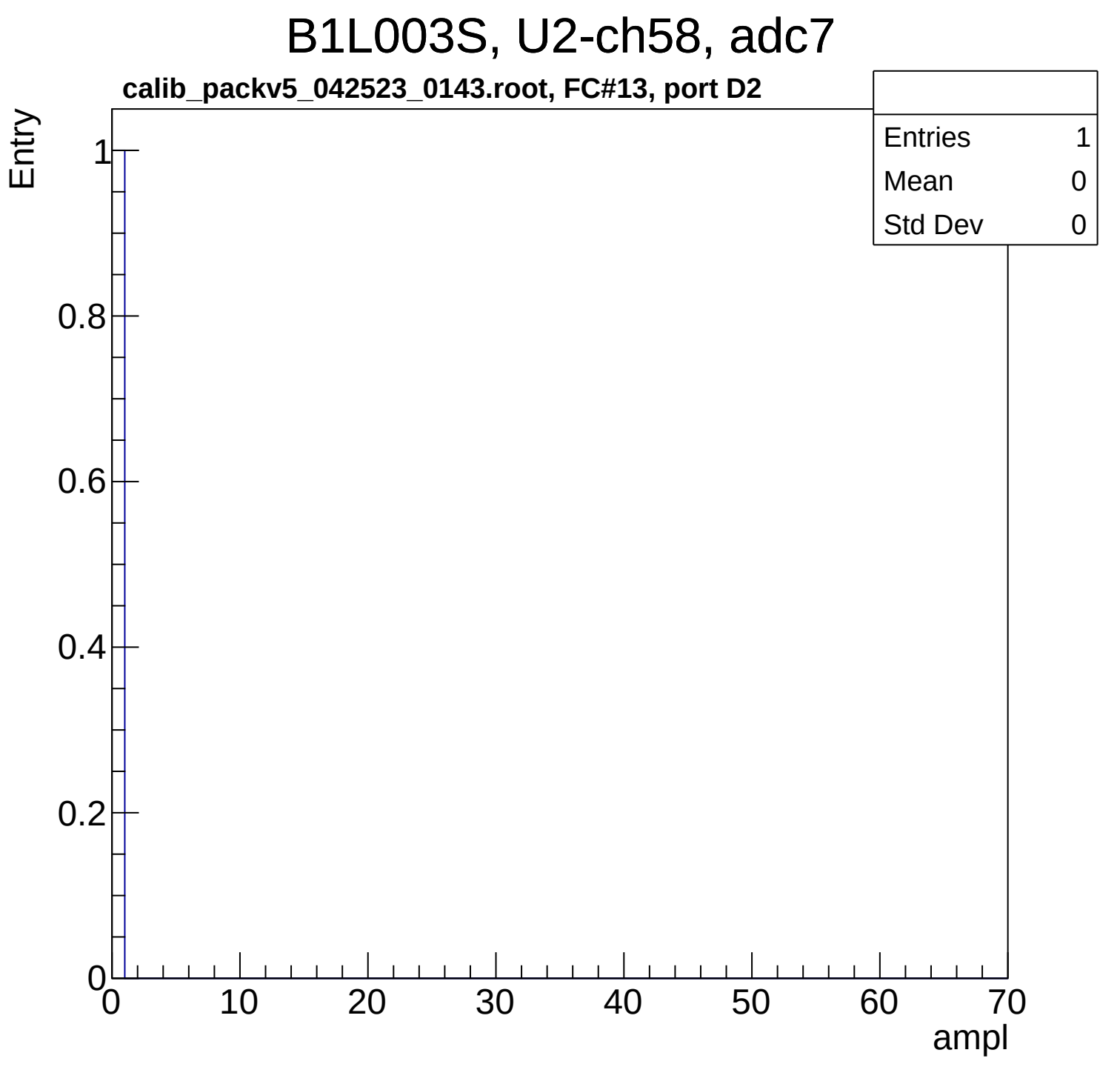
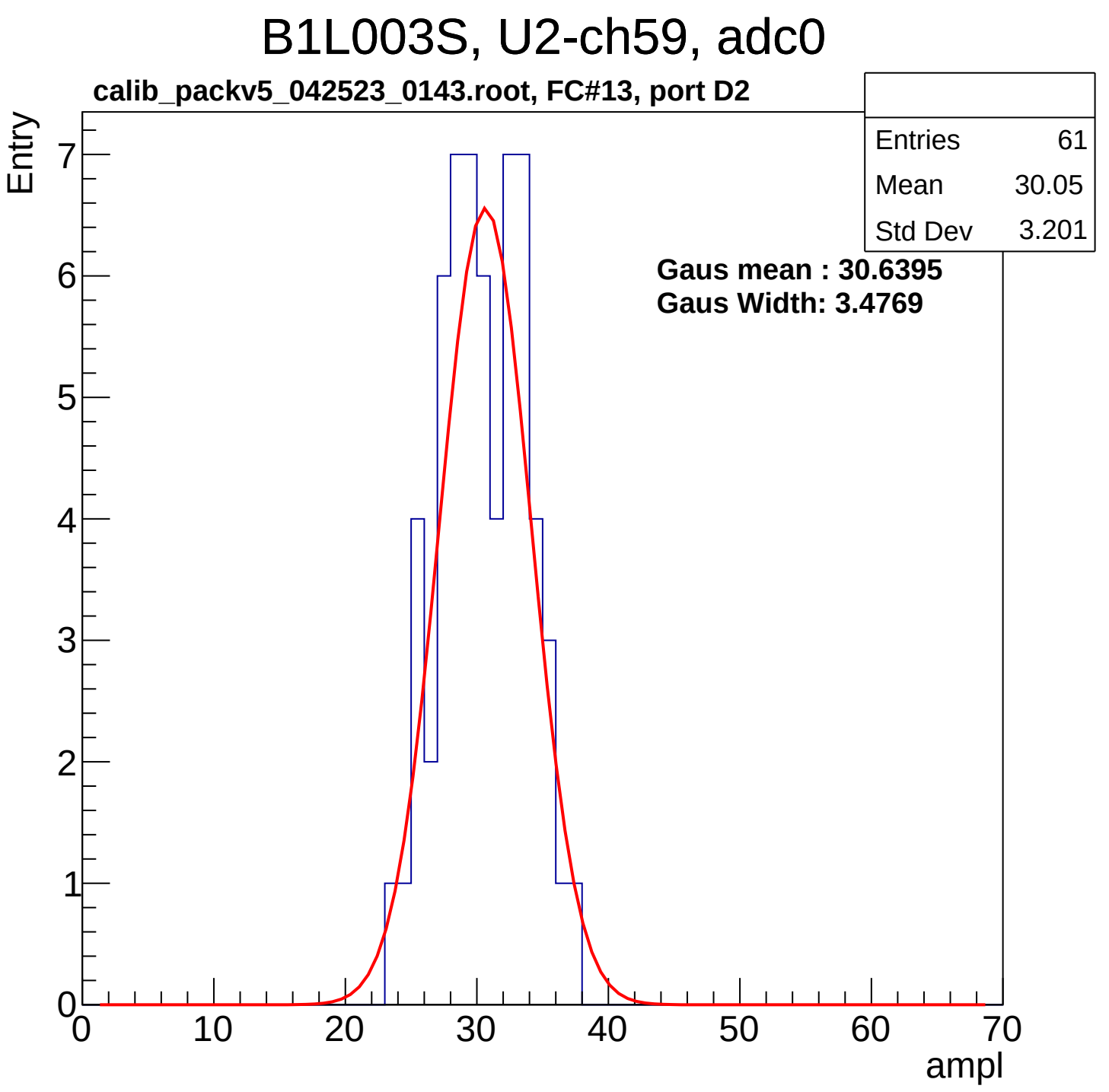
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch58, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 29
Mean 59.03
Std Dev 11.29
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch58, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch58, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch59, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 30.05
Std Dev 3.201
Gaus mean : 30.6395
Gaus Width: 3.4769
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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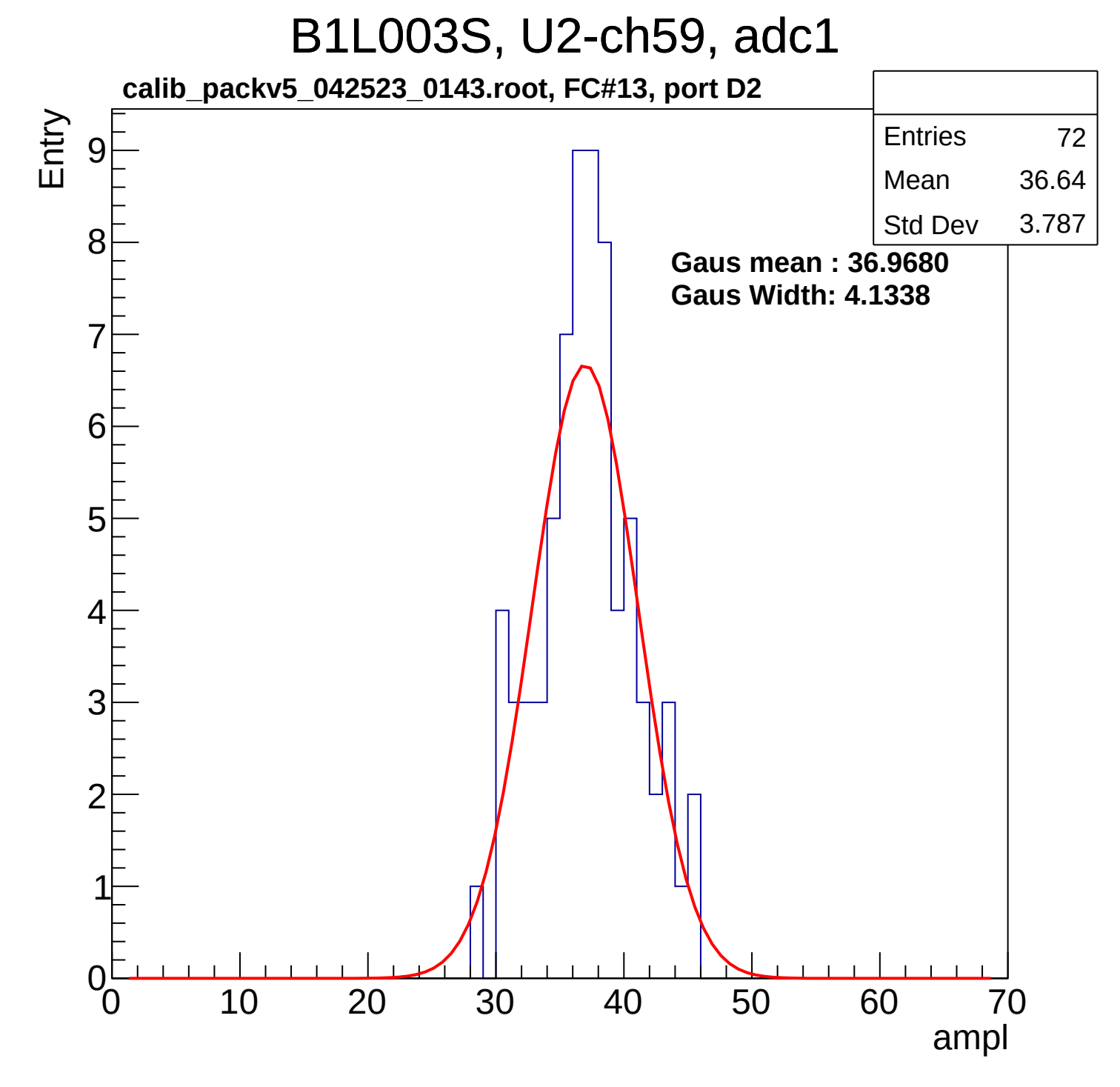
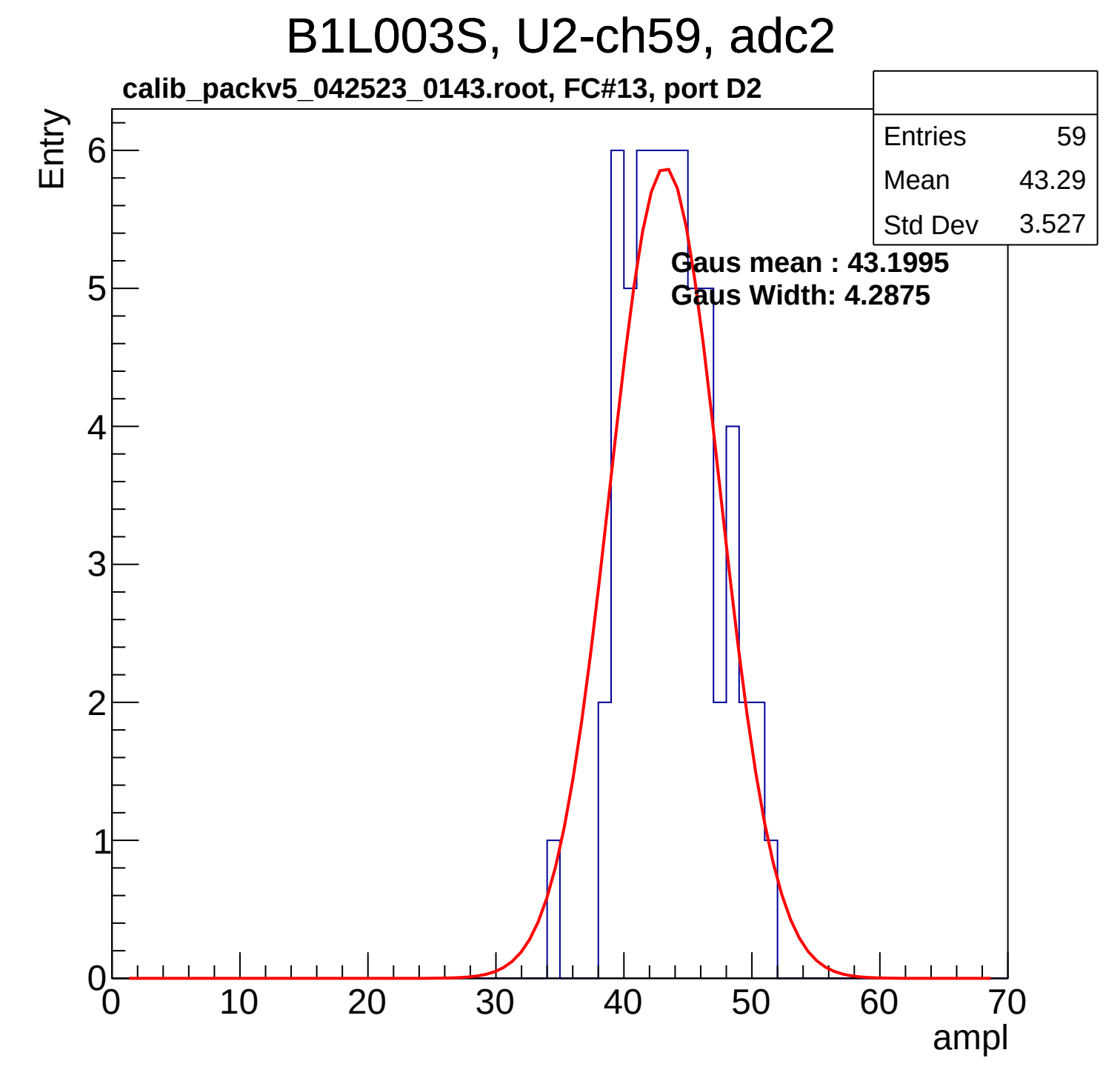

B1L003S, U2-ch59, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 36.64
Std Dev 3.787
Gaus mean : 36.9680
Gaus Width: 4.1338
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch59, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 43.29
Std Dev 3.527
Gaus mean : 43.1995
Gaus Width: 4.2875
Entry
ampl
0
1
2
3
4
5
6
0
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20
30
40
50
60
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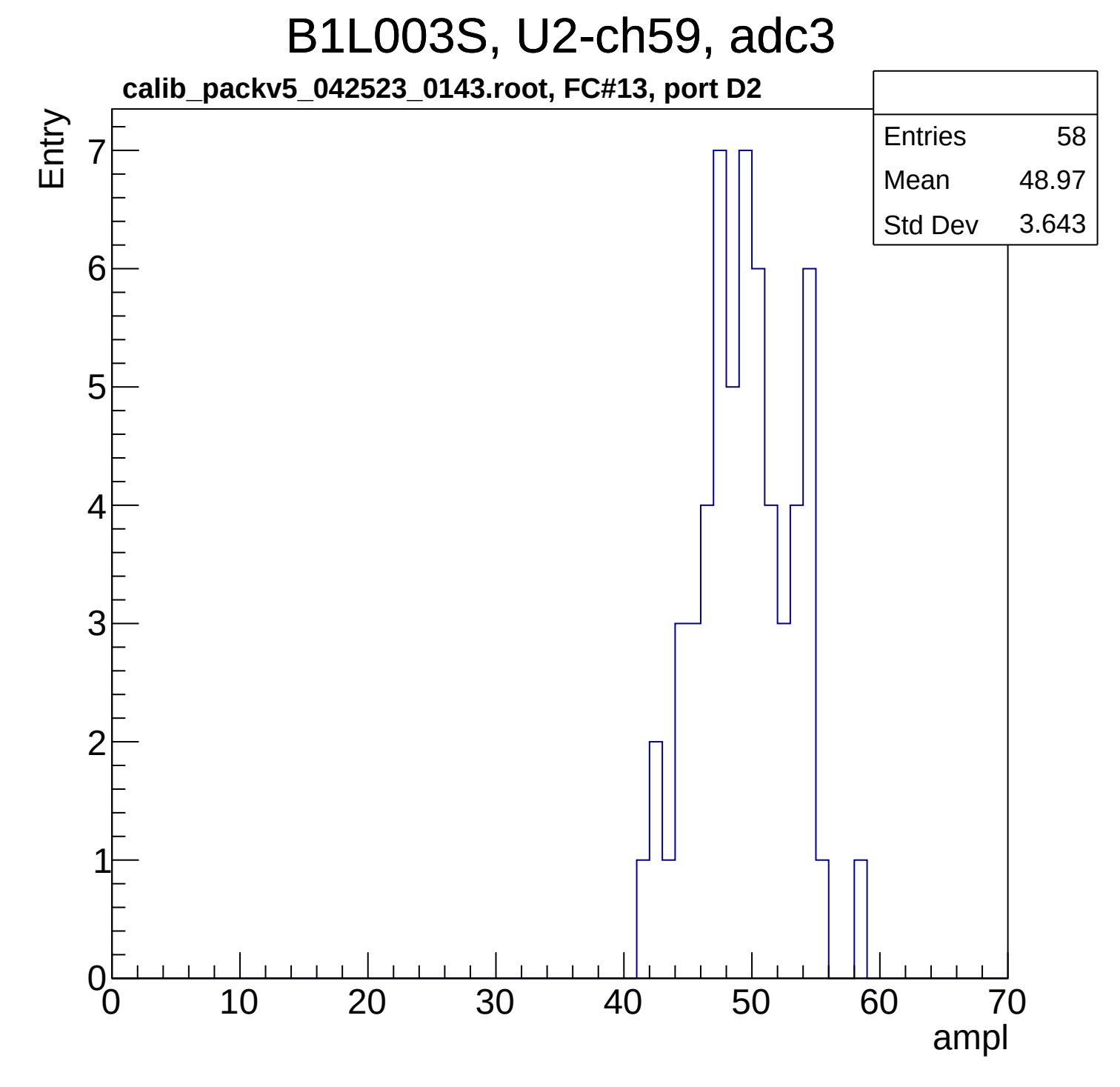
B1L003S, U2-ch59, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 48.97
Std Dev 3.643
Entry
ampl
0
1
2
3
4
5
6
7
0
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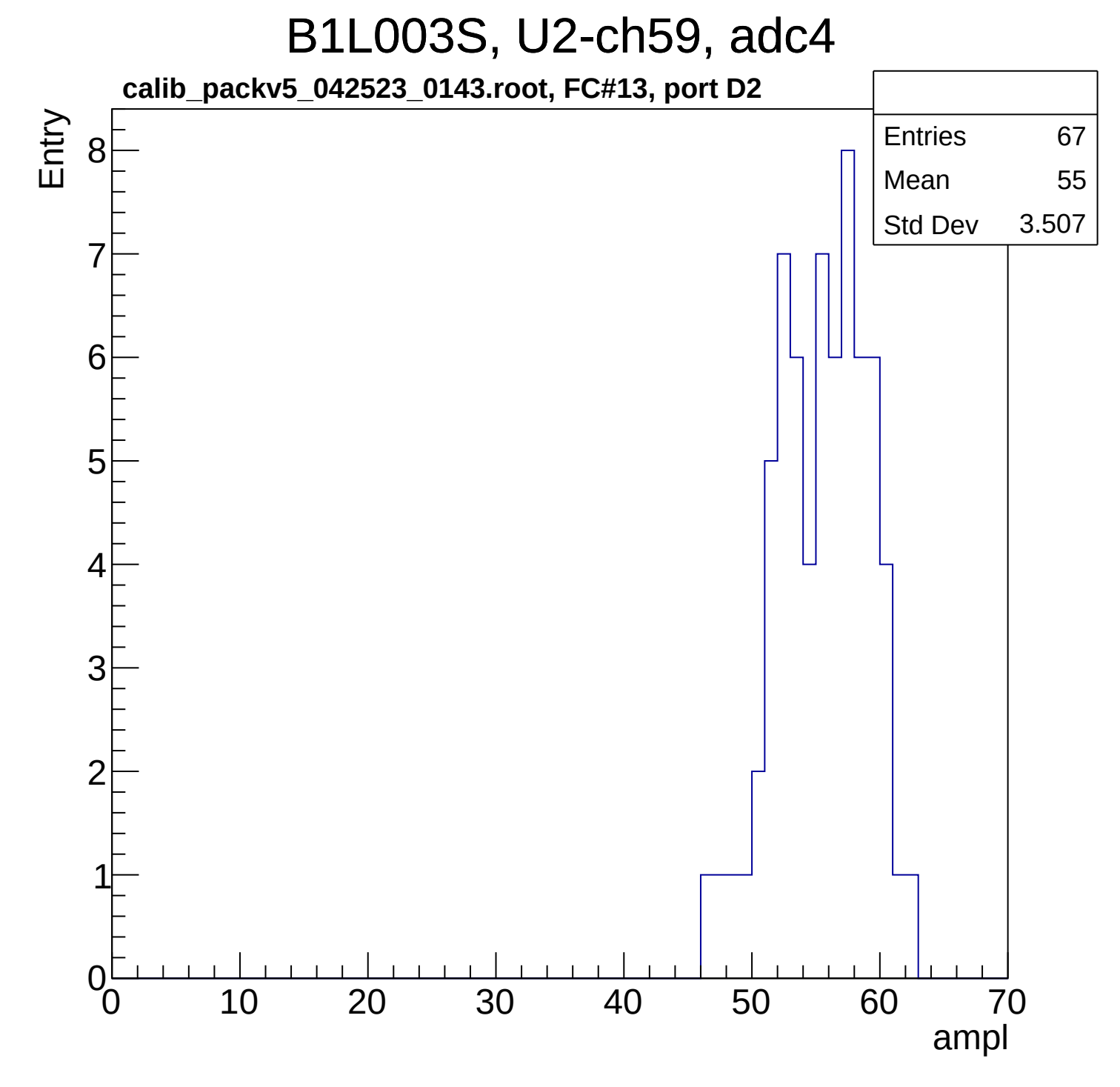
40
50
60
70


B1L003S, U2-ch59, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 55
Std Dev 3.507
Entry
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2
3
4
5
6
7
8
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10
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30
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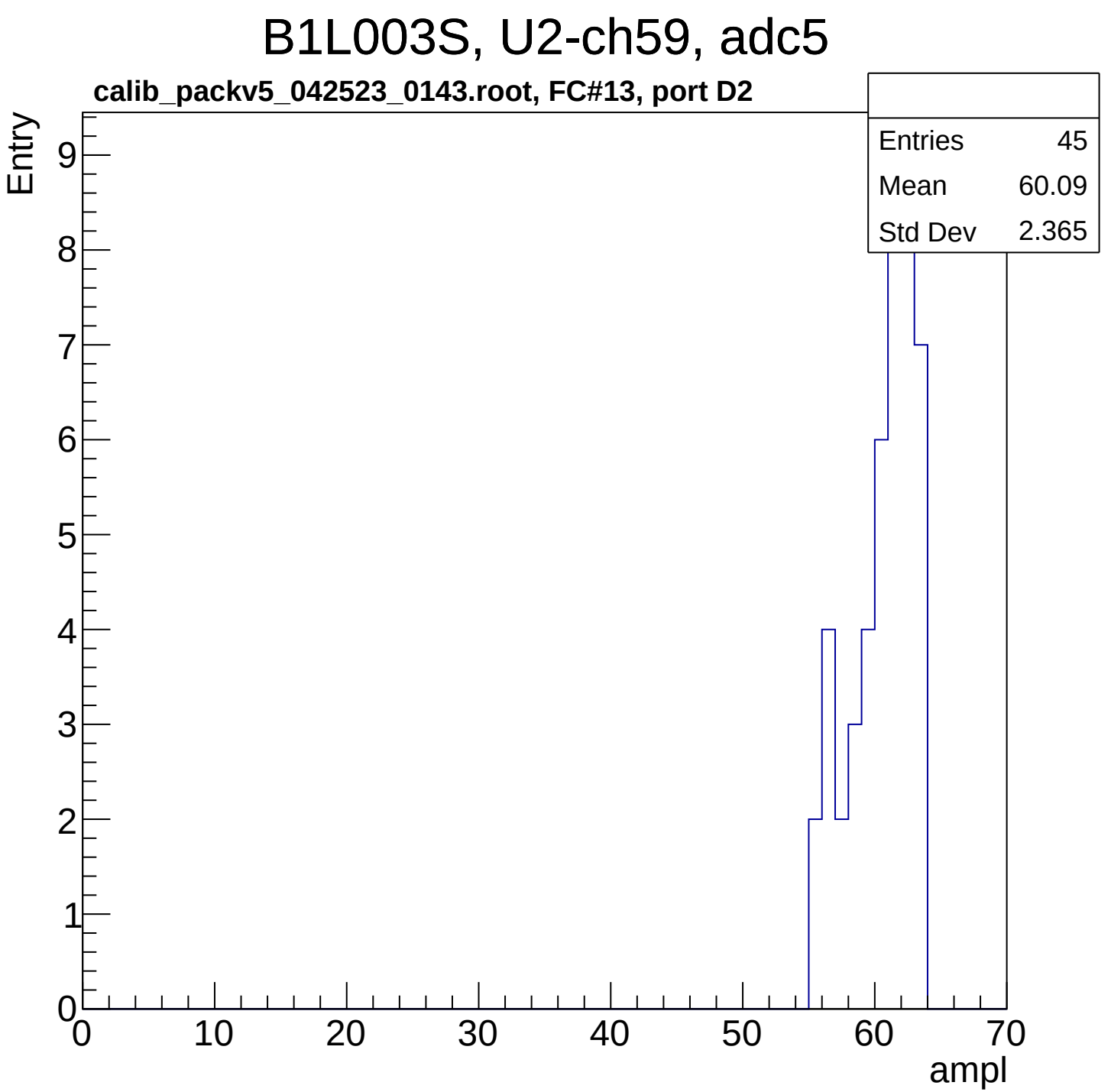
50
60
70
ampl


B1L003S, U2-ch59, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 60.09
Std Dev 2.365
Entry
ampl
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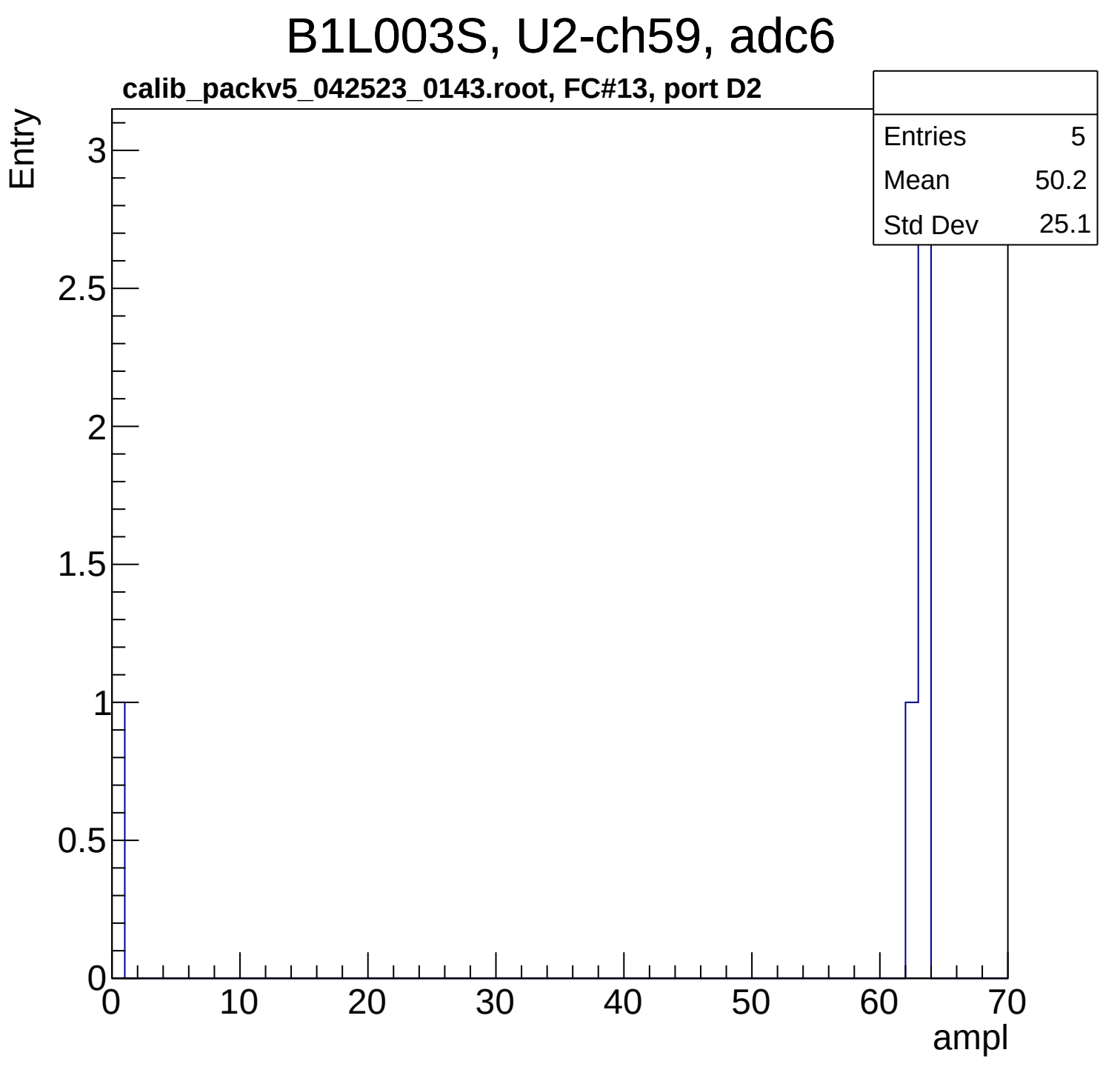
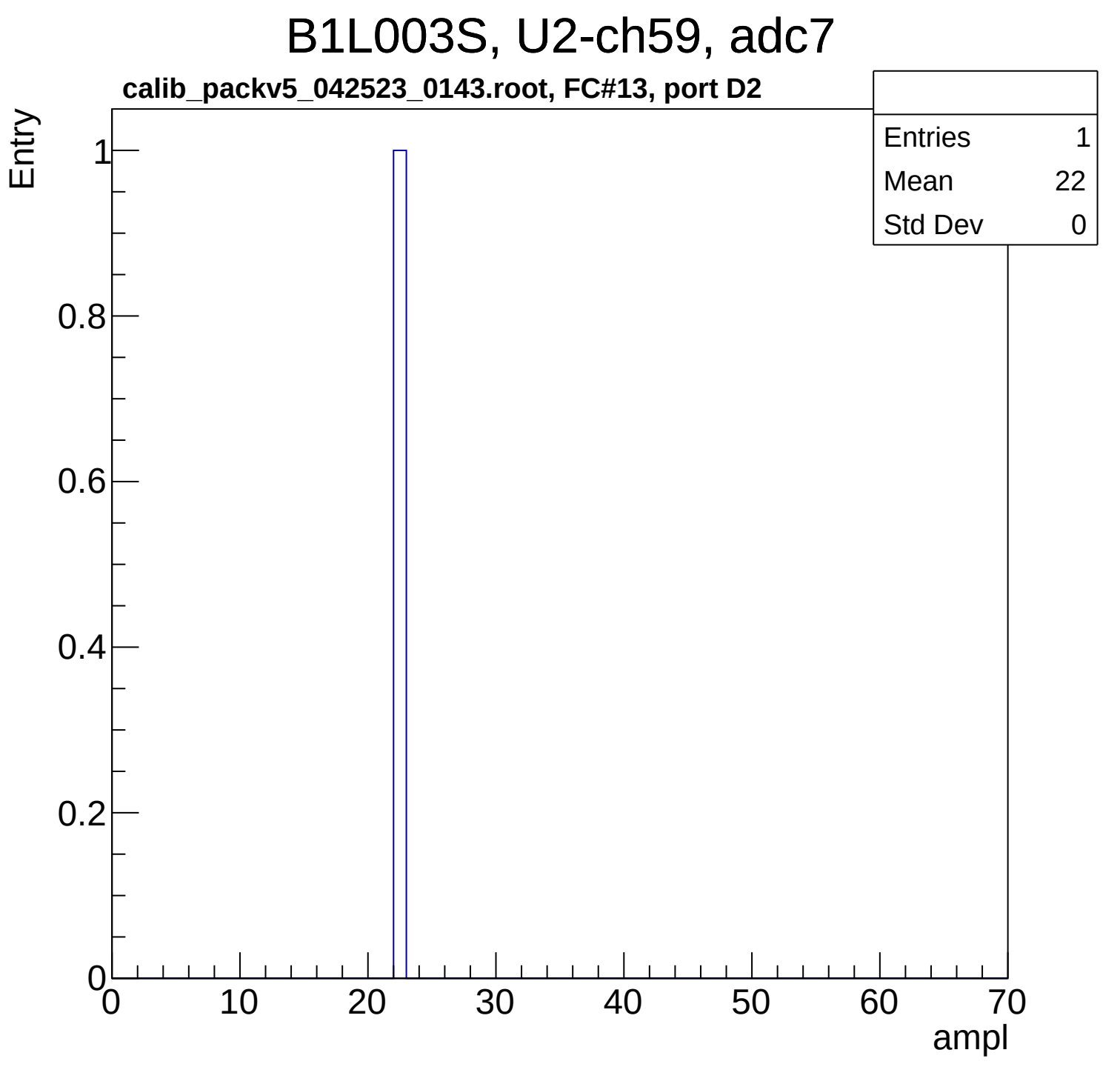
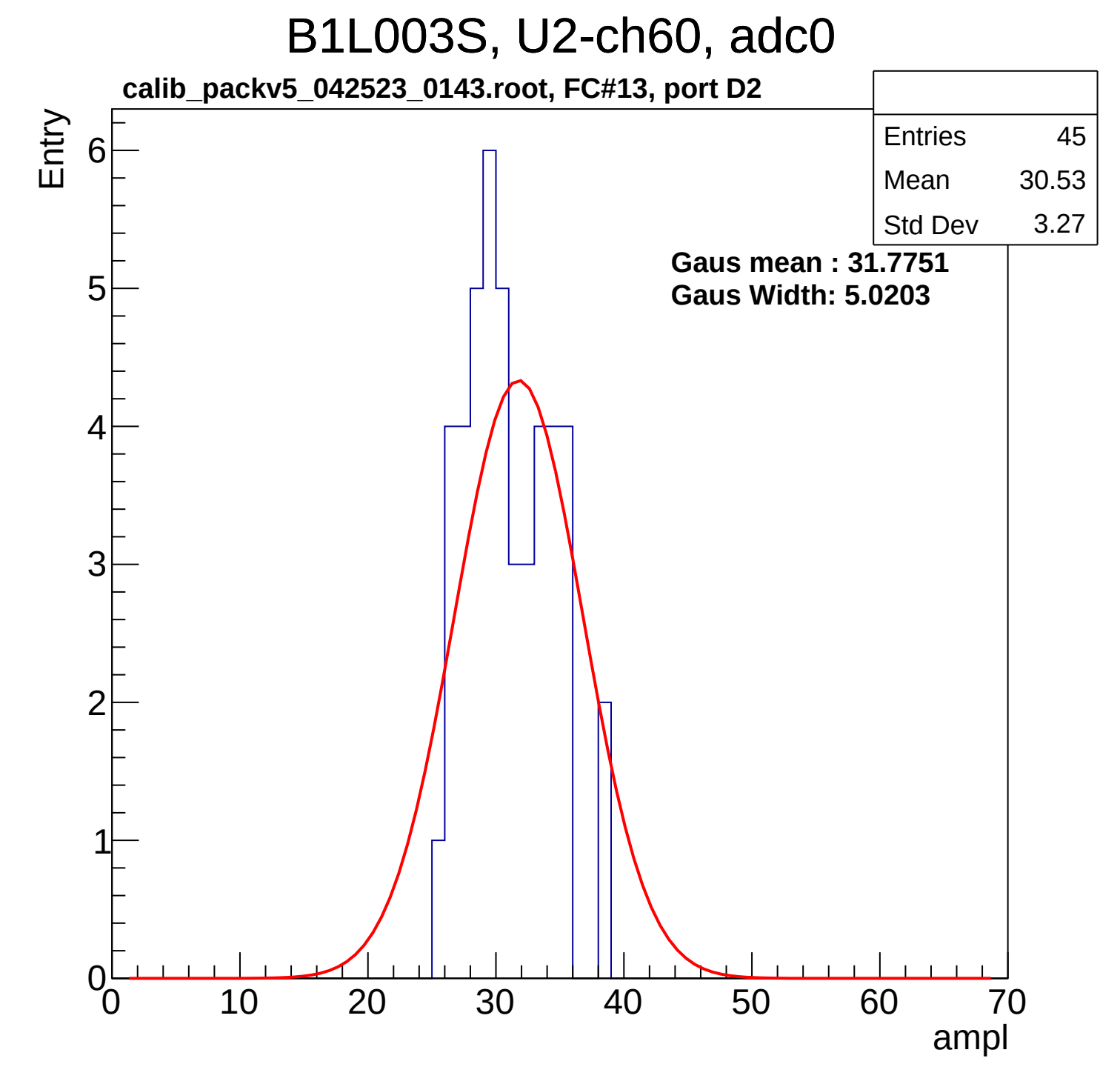
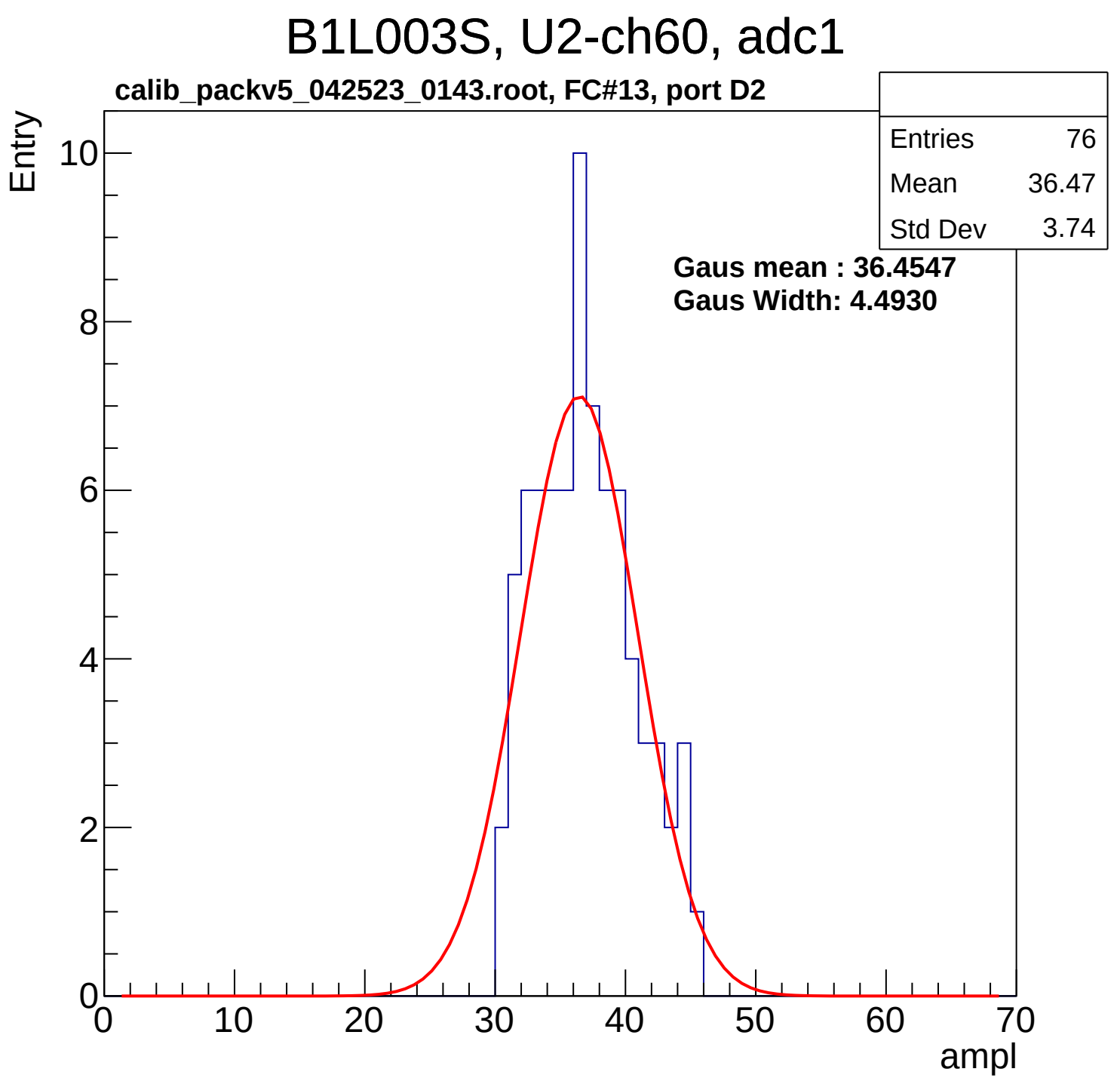
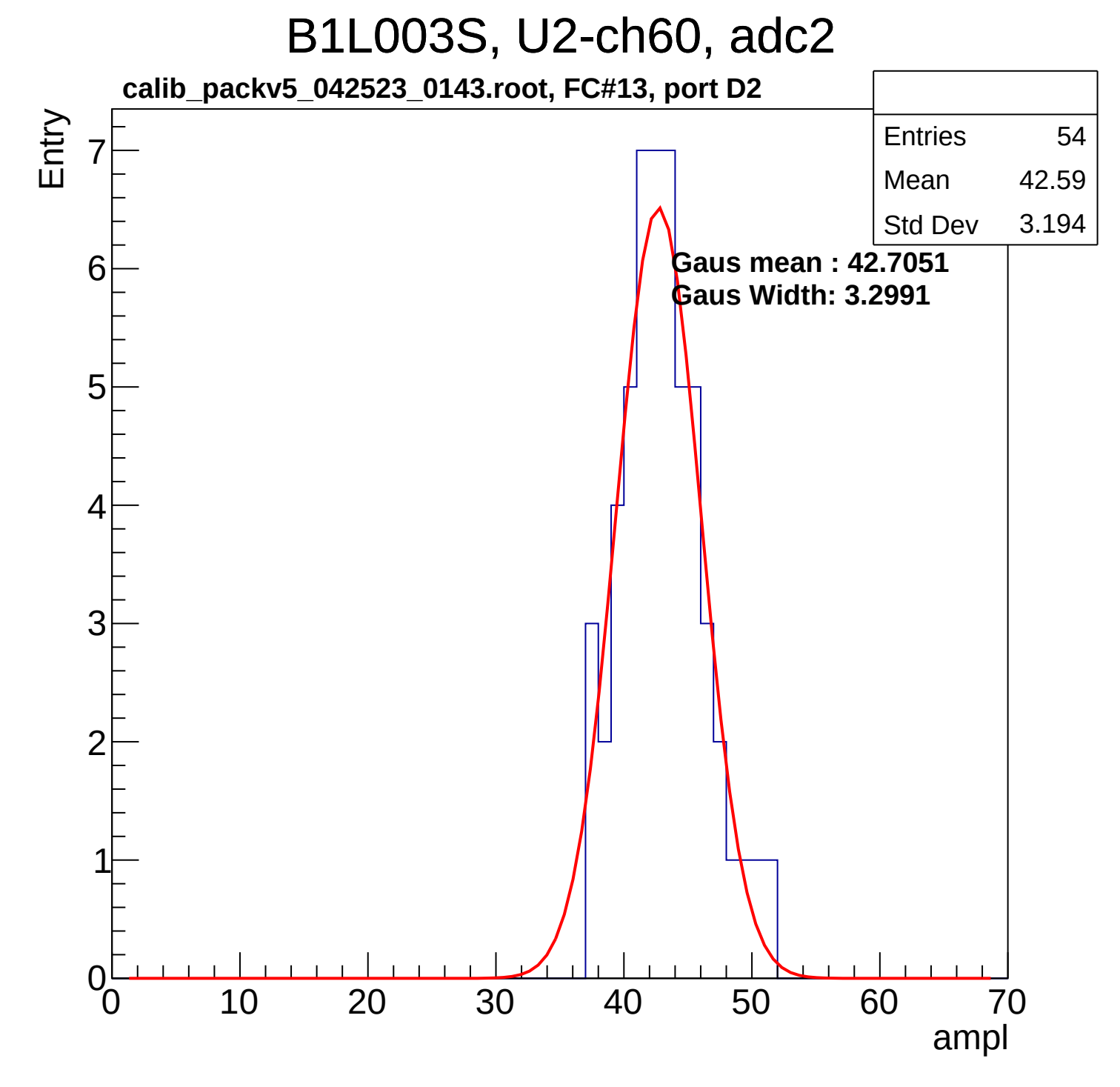
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch59, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 50.2
Std Dev 25.1
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch59, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch60, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 30.53
Std Dev 3.27
Gaus mean : 31.7751
Gaus Width: 5.0203
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L003S, U2-ch60, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 36.47
Std Dev 3.74
Gaus mean : 36.4547
Gaus Width: 4.4930
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch60, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 42.59
Std Dev 3.194
Gaus mean : 42.7051
Gaus Width: 3.2991
Entry
ampl
0
1
2
3
4
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6
7
0
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60
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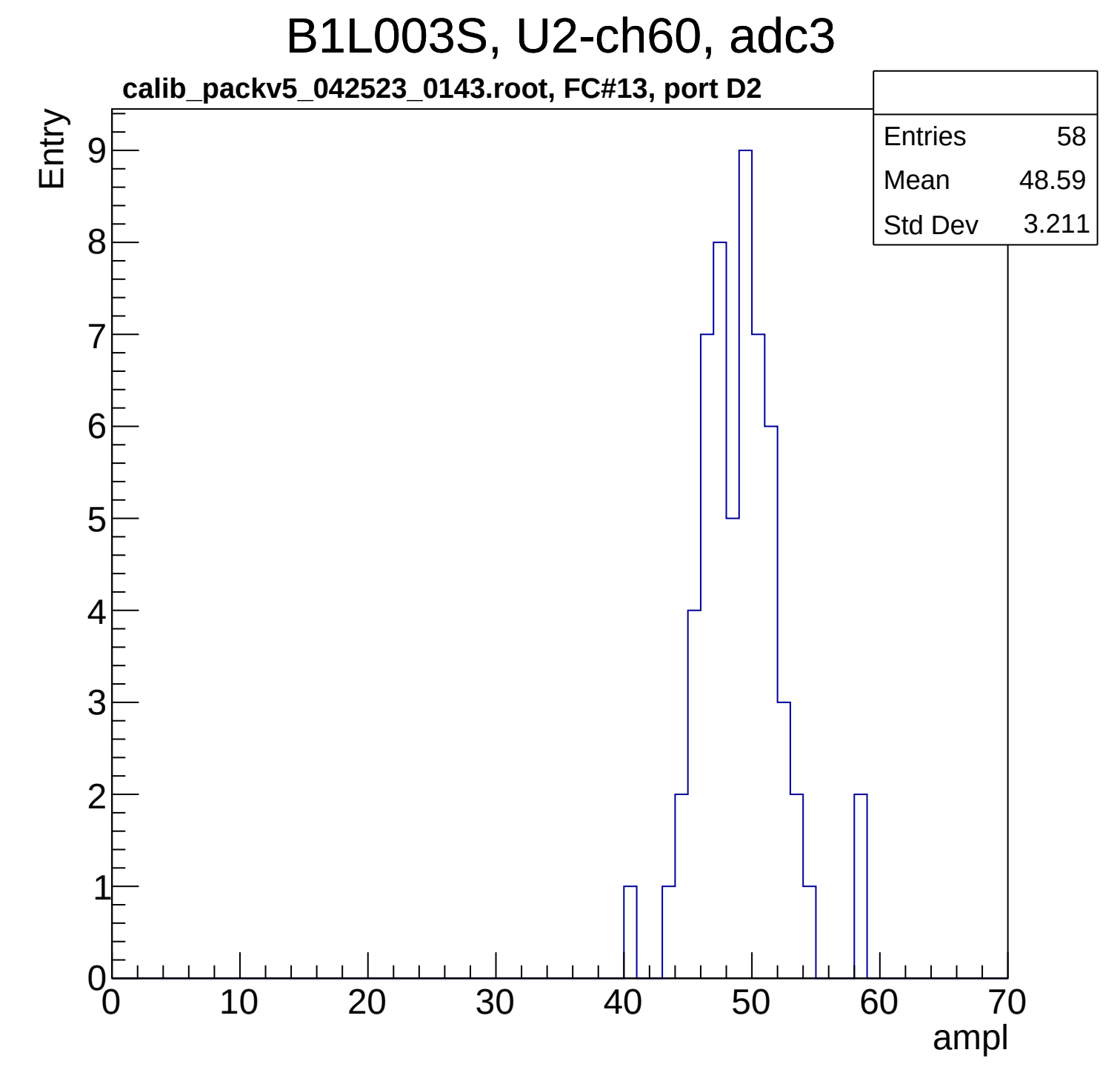
B1L003S, U2-ch60, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 48.59
Std Dev 3.211
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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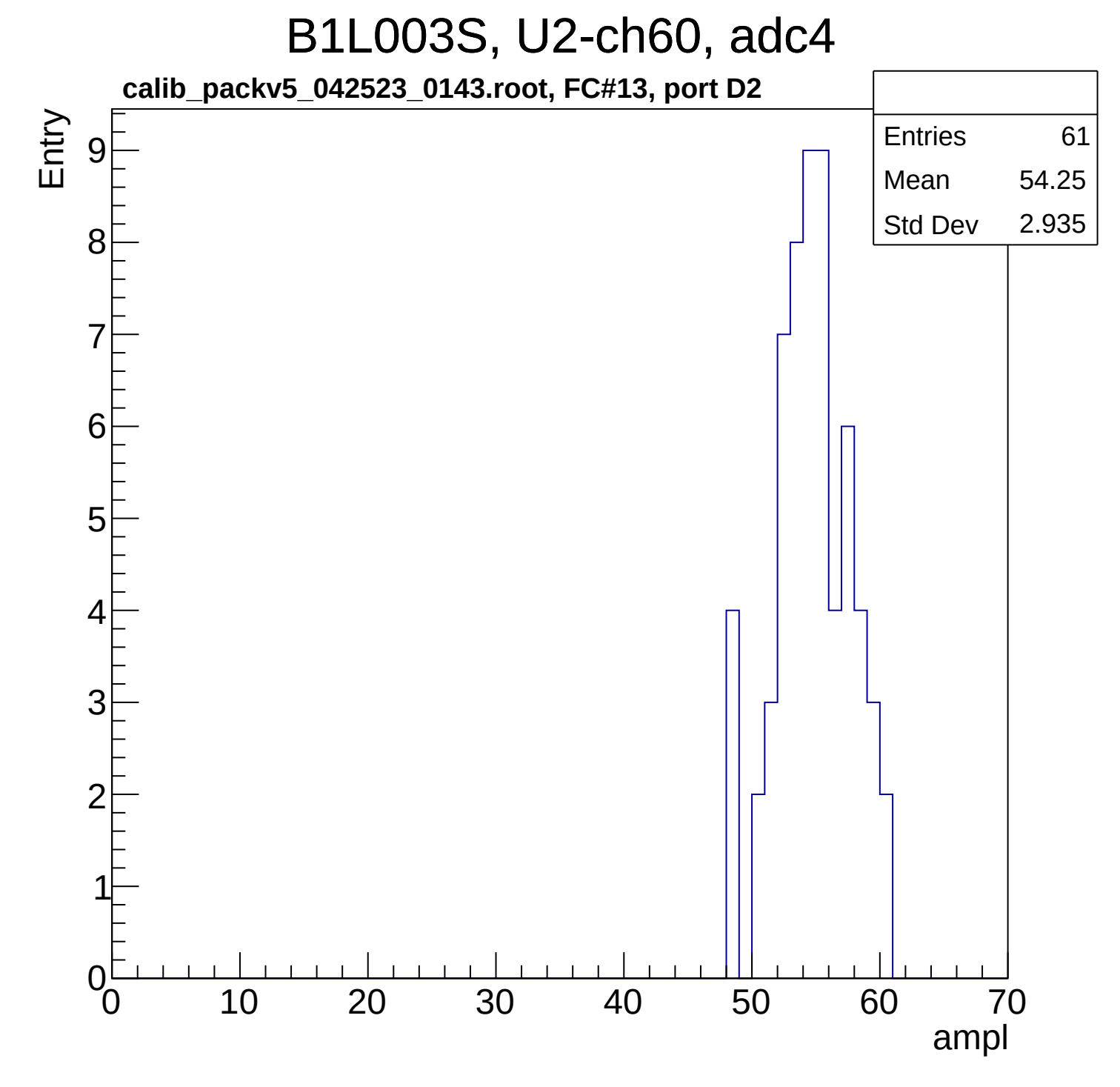
B1L003S, U2-ch60, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 54.25
Std Dev 2.935
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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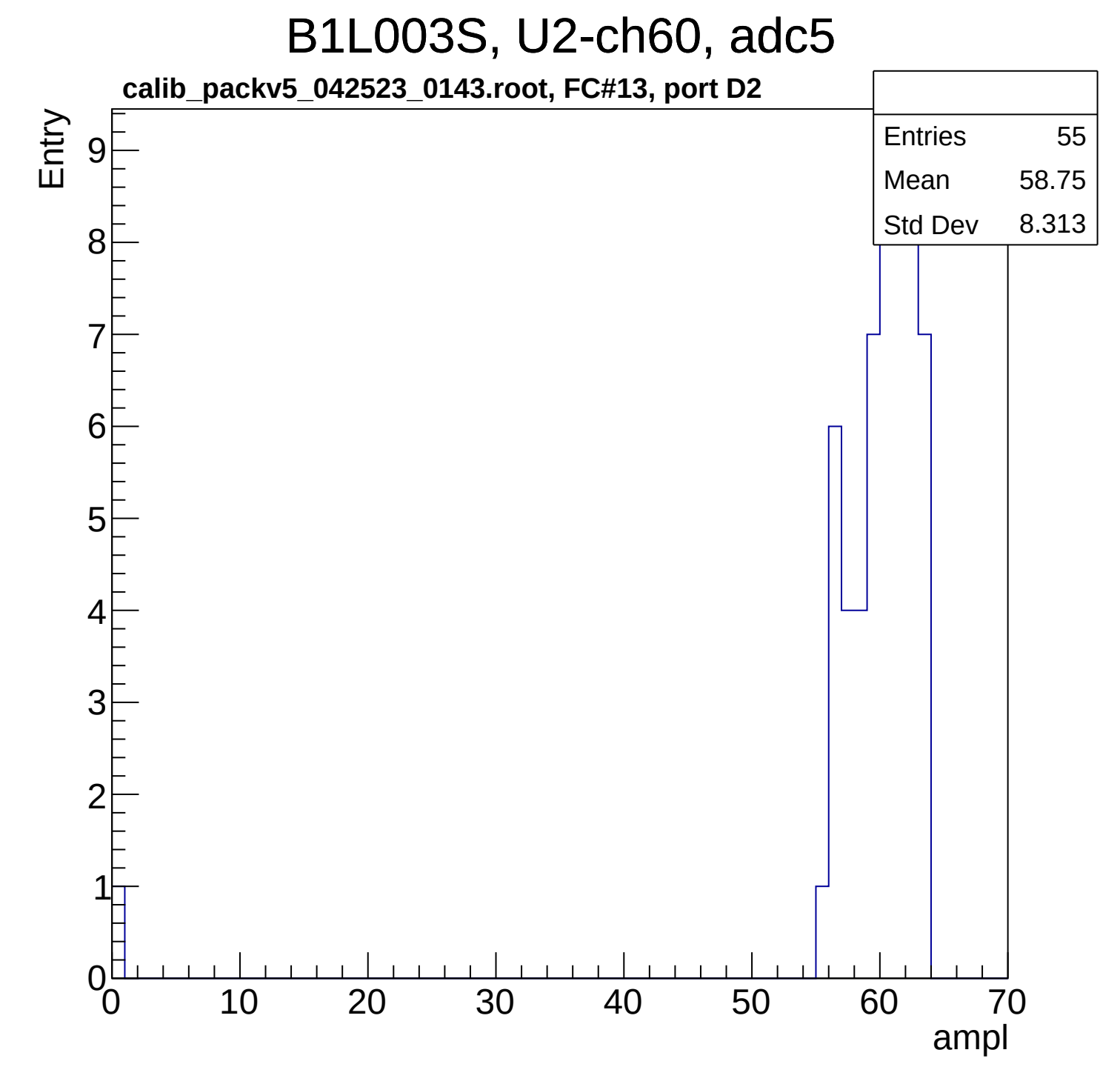
B1L003S, U2-ch60, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 58.75
Std Dev 8.313
Entry
0
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4
5
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7
8
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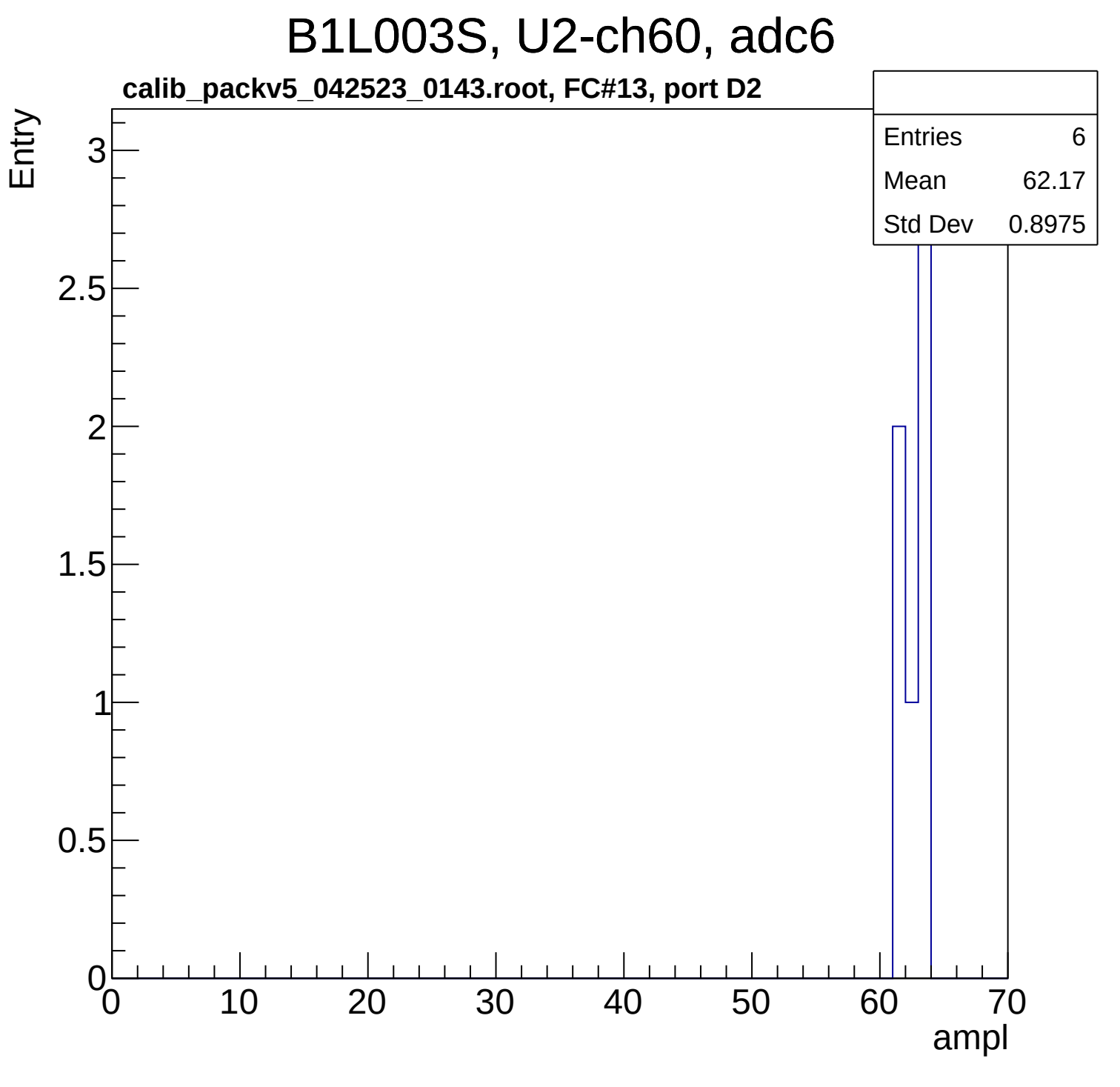
60
70
ampl


B1L003S, U2-ch60, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 62.17
Std Dev 0.8975
Entry
ampl
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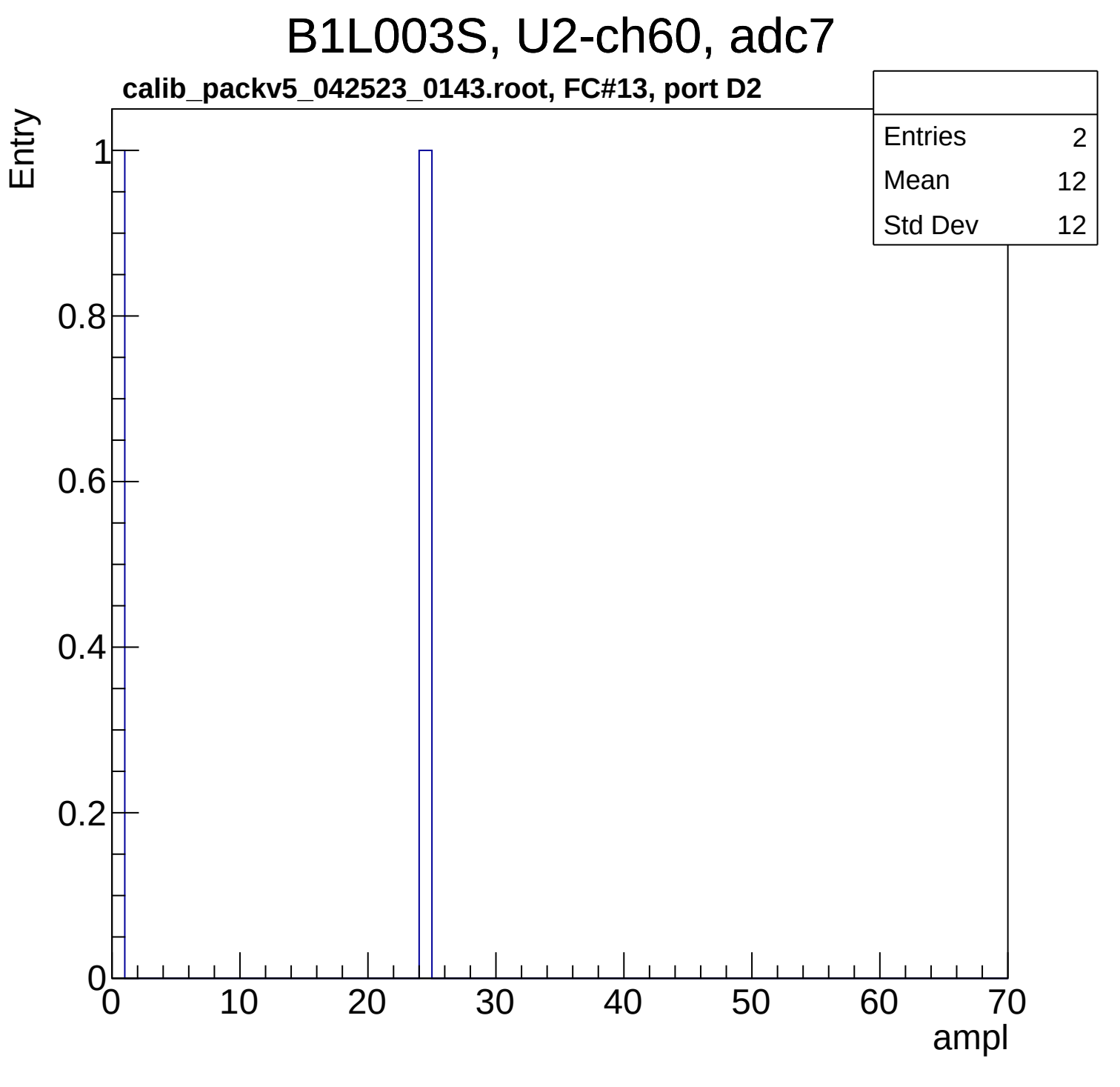
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch60, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12
Std Dev 12
Entry
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0.8
0.6
0.4
0.2
0
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10
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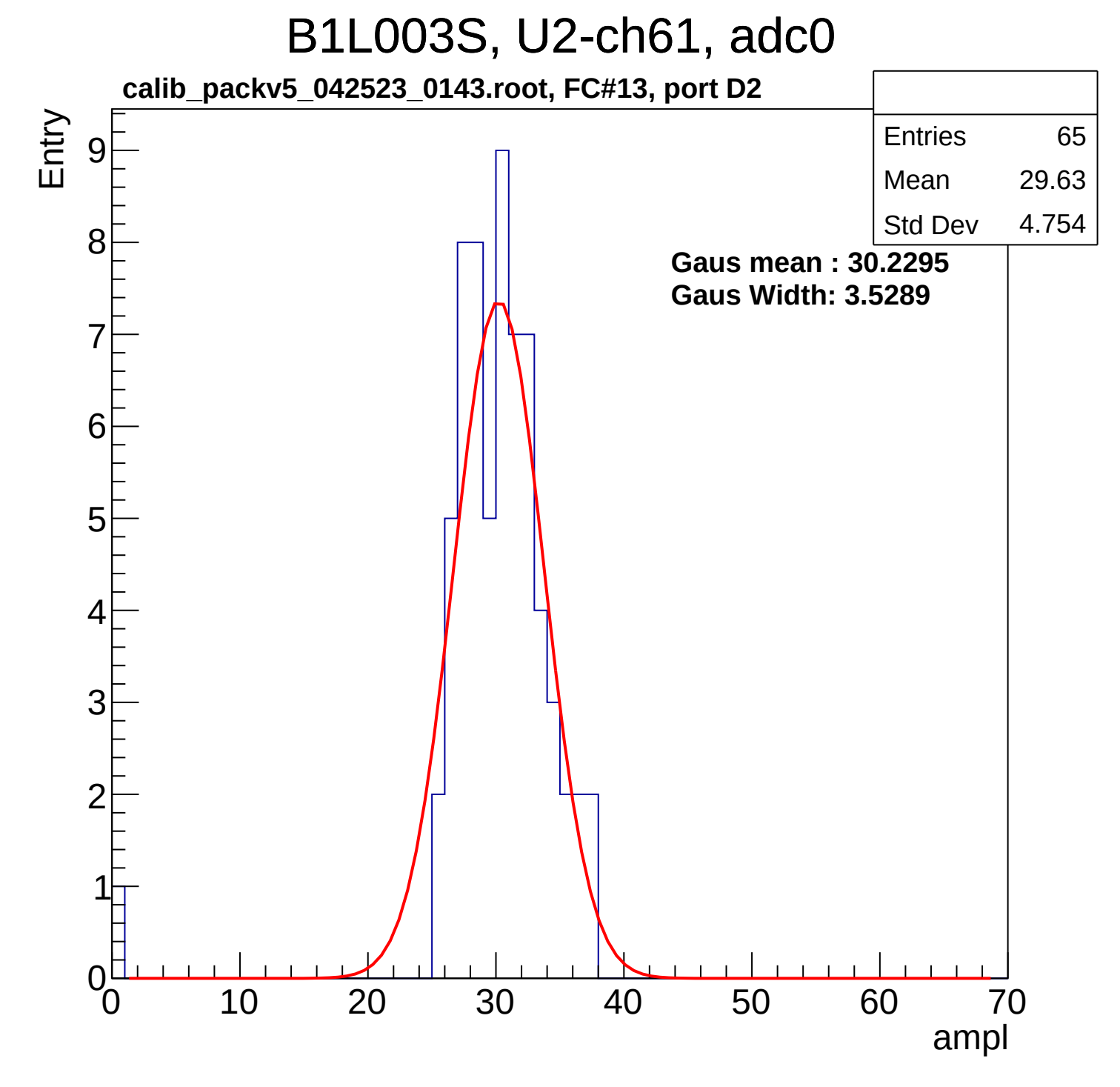
50
60
70
ampl


B1L003S, U2-ch61, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 29.63
Std Dev 4.754
Gaus mean : 30.2295
Gaus Width: 3.5289
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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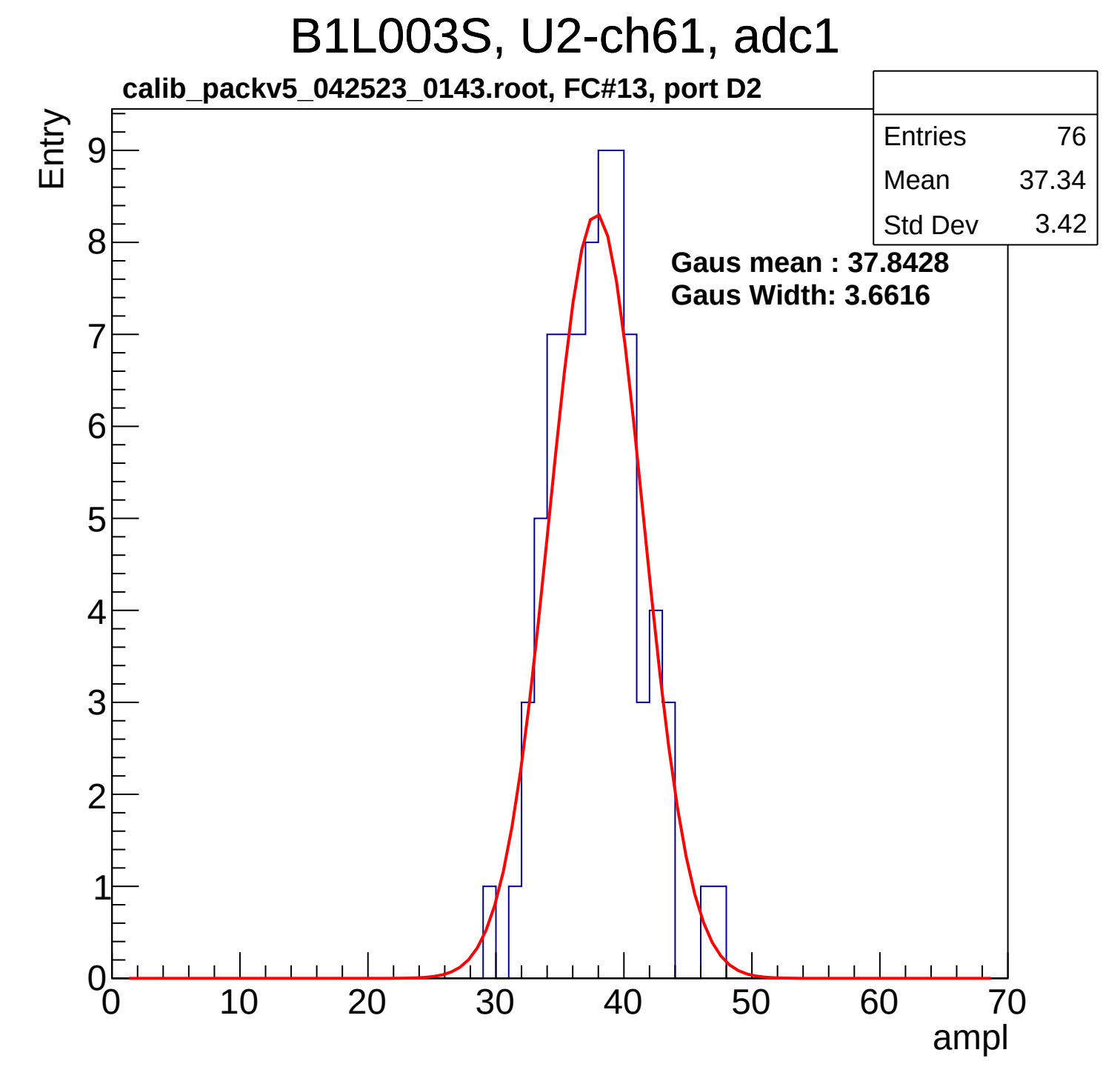
60
70


B1L003S, U2-ch61, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 37.34
Std Dev 3.42
Gaus mean : 37.8428
Gaus Width: 3.6616
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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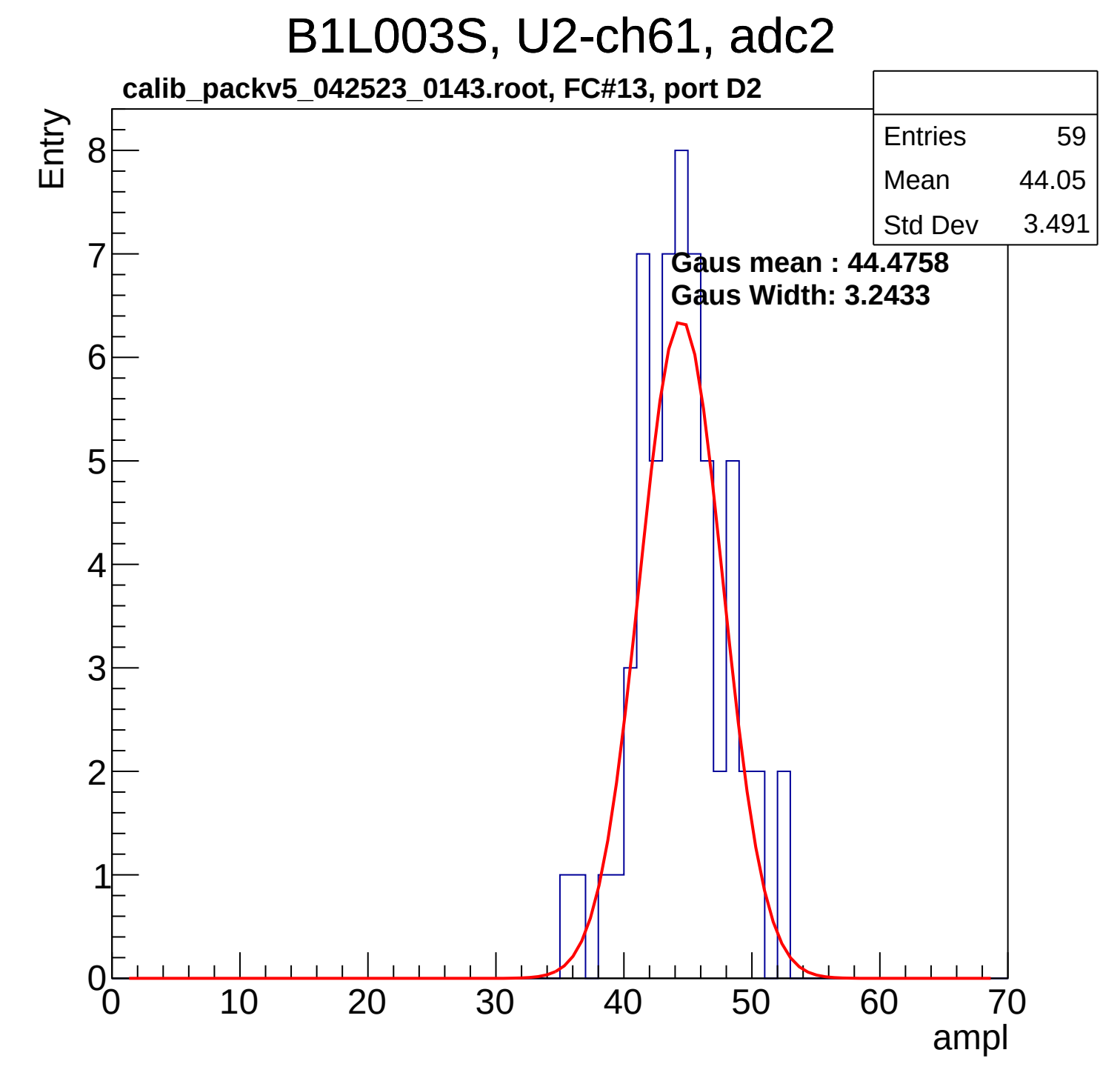
B1L003S, U2-ch61, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 44.05
Std Dev 3.491
Gaus mean : 44.4758
Gaus Width: 3.2433
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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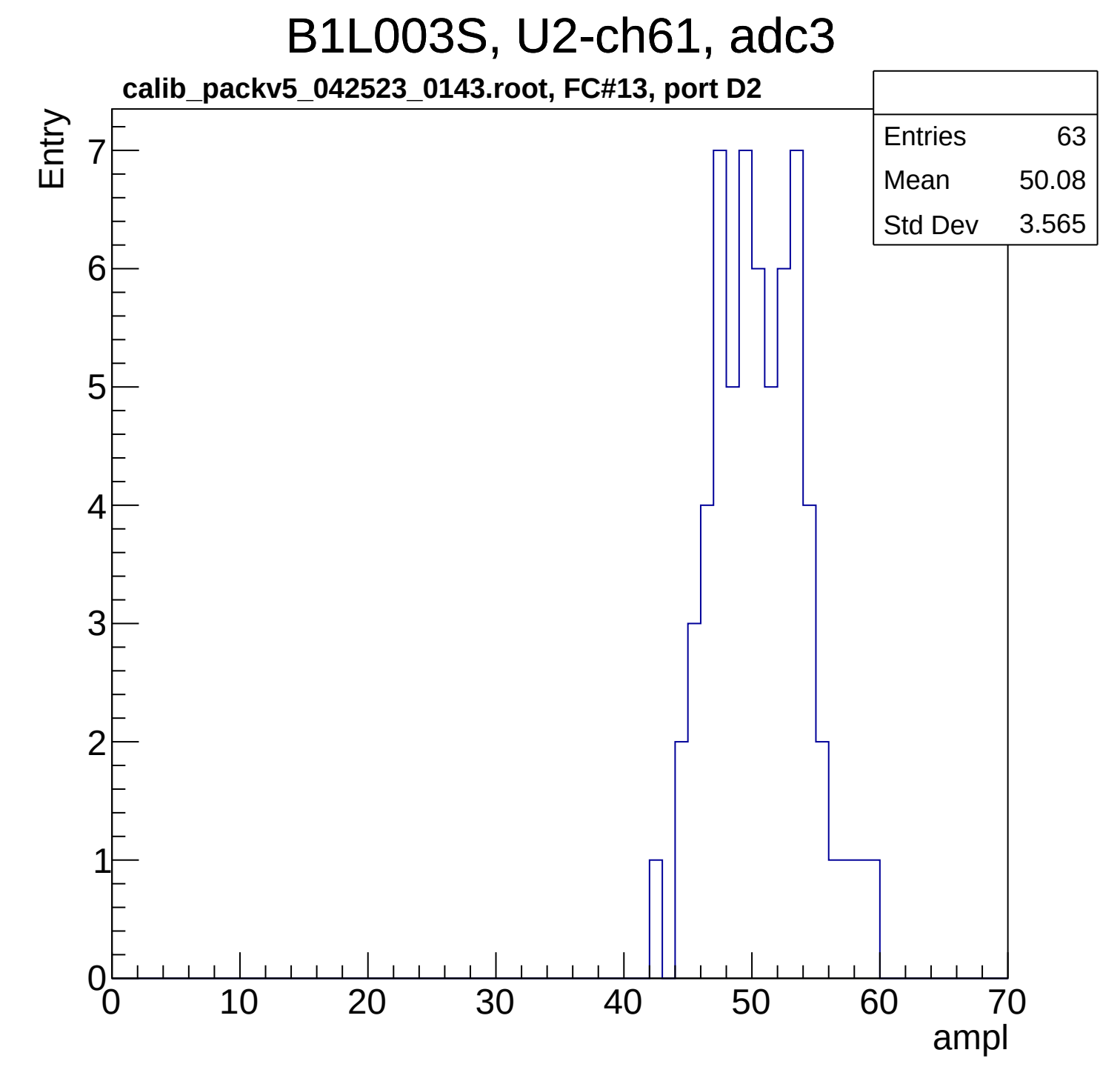
B1L003S, U2-ch61, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 50.08
Std Dev 3.565
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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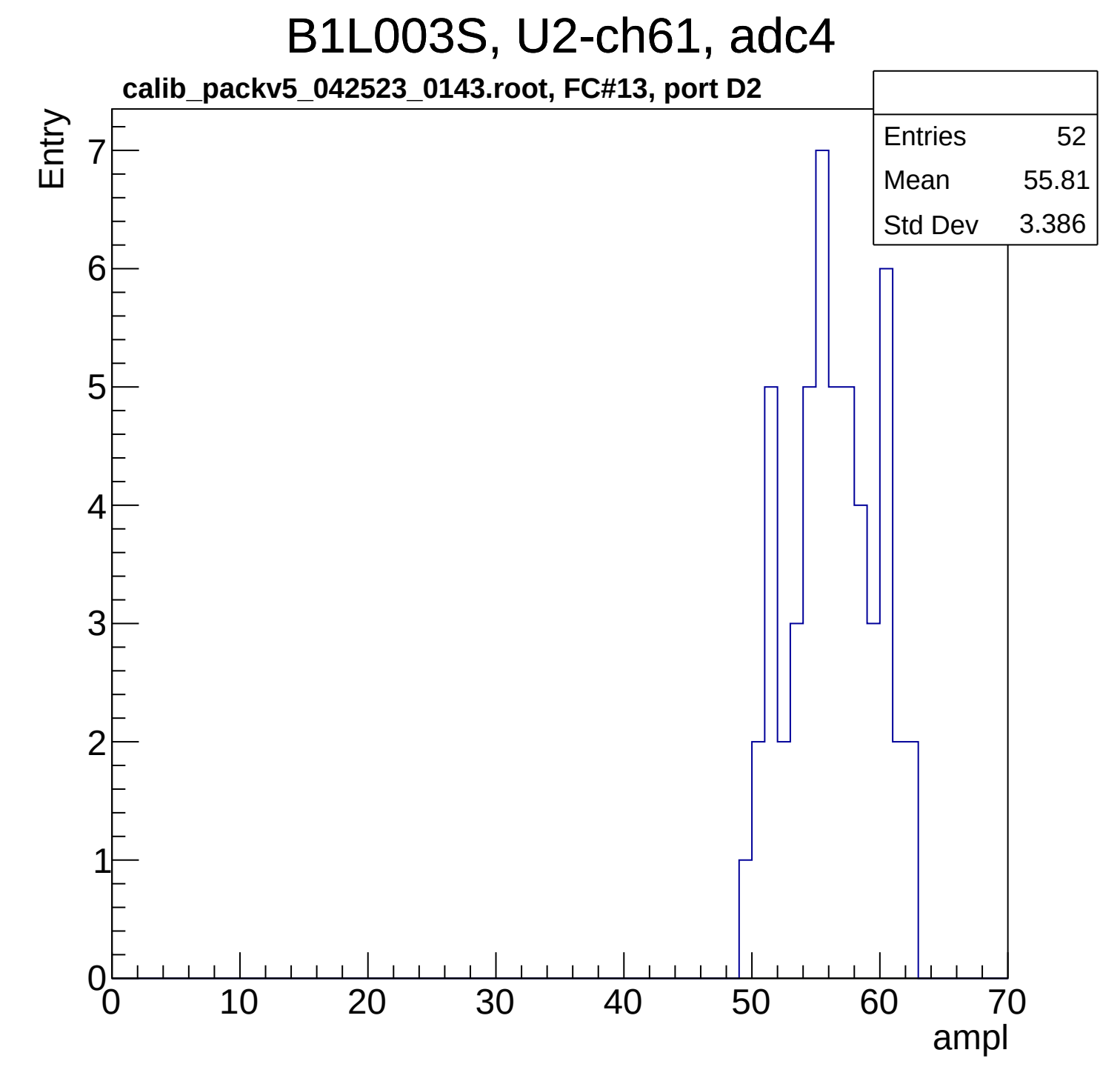
B1L003S, U2-ch61, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 55.81
Std Dev 3.386
Entry
ampl
0
1
2
3
4
5
6
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0
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20
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40
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60
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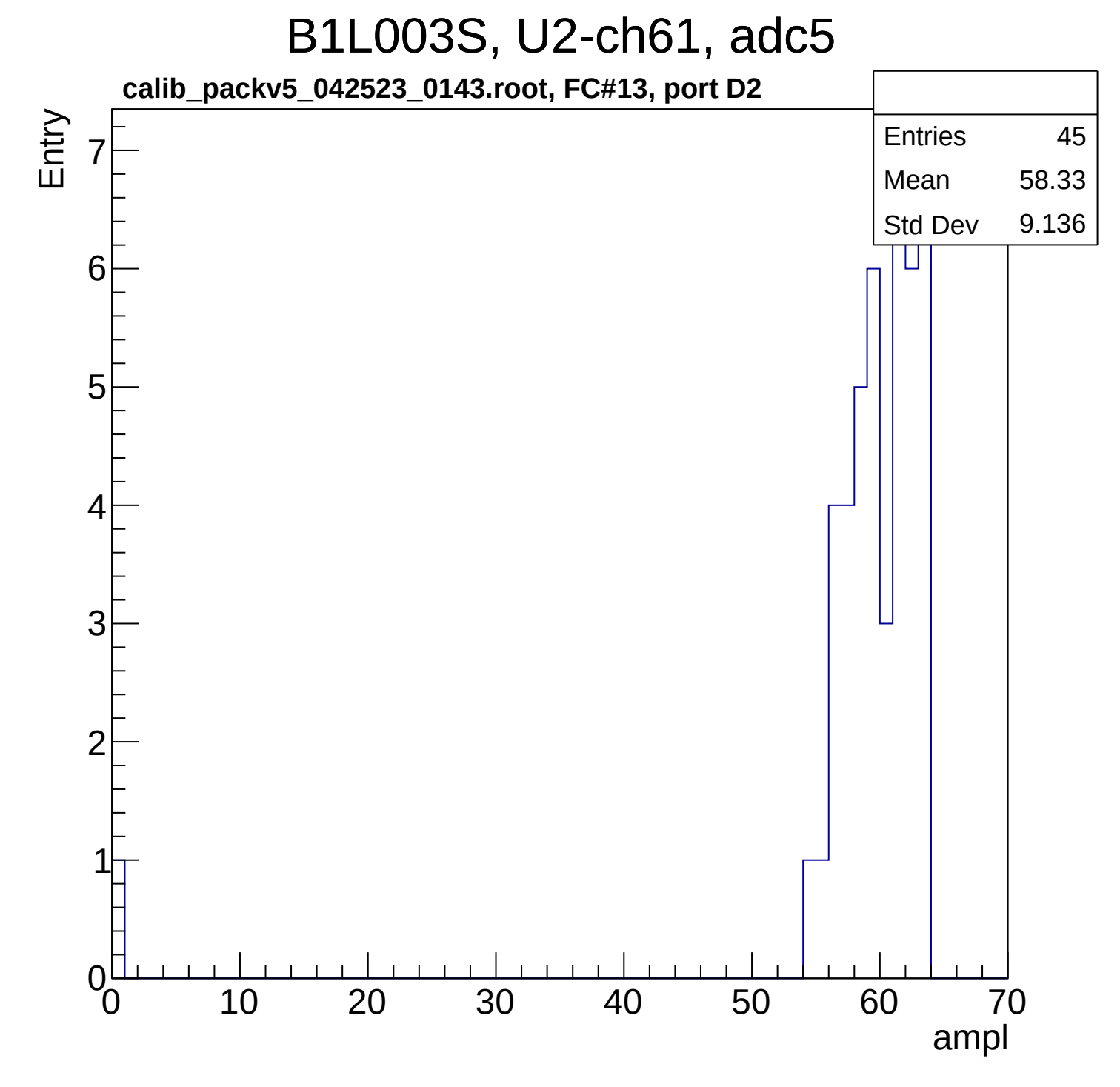
B1L003S, U2-ch61, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.33
Std Dev 9.136
Entry
ampl
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1
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3
4
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6
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0
10
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40
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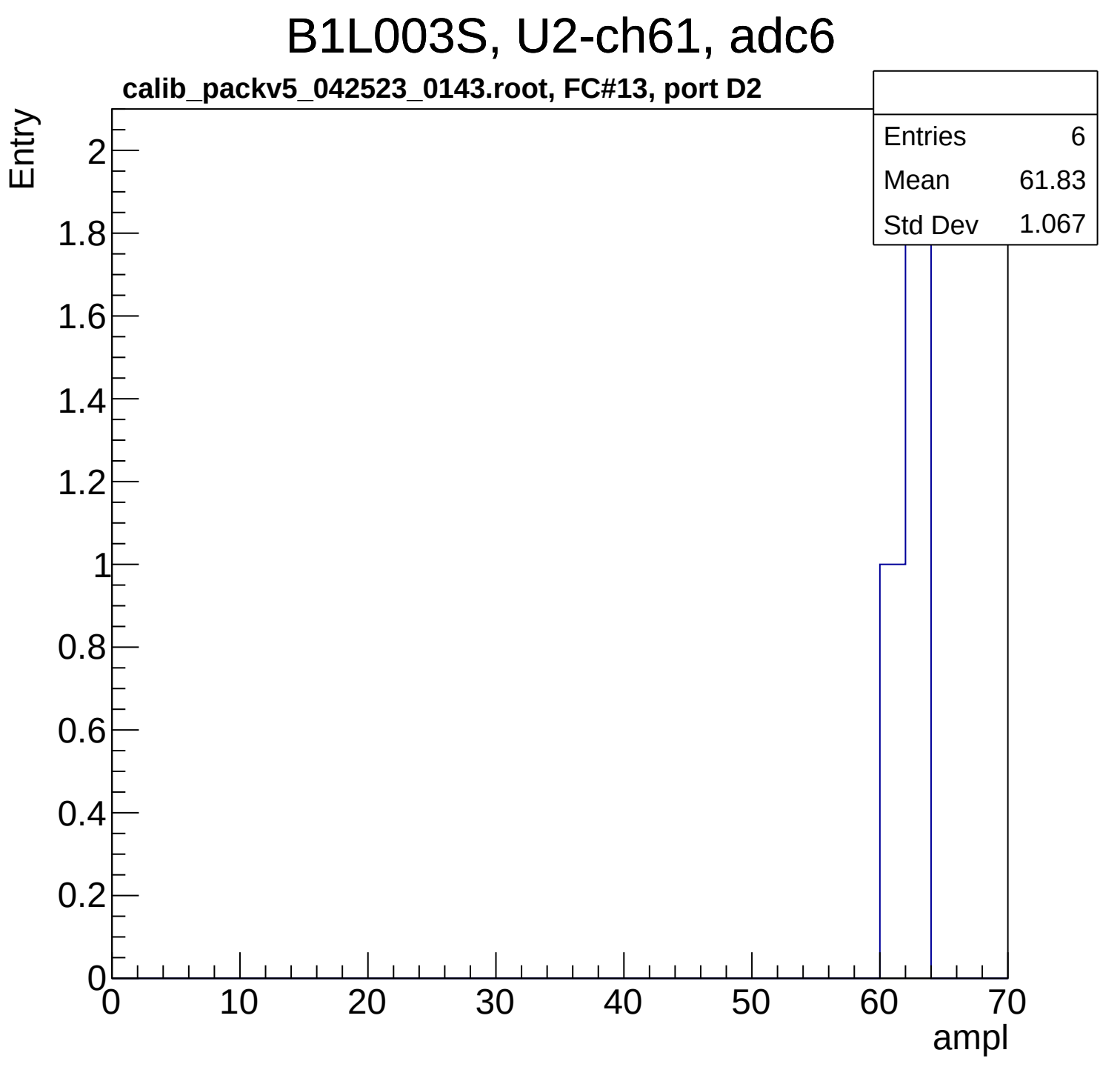
B1L003S, U2-ch61, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 61.83
Std Dev 1.067
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
50
60
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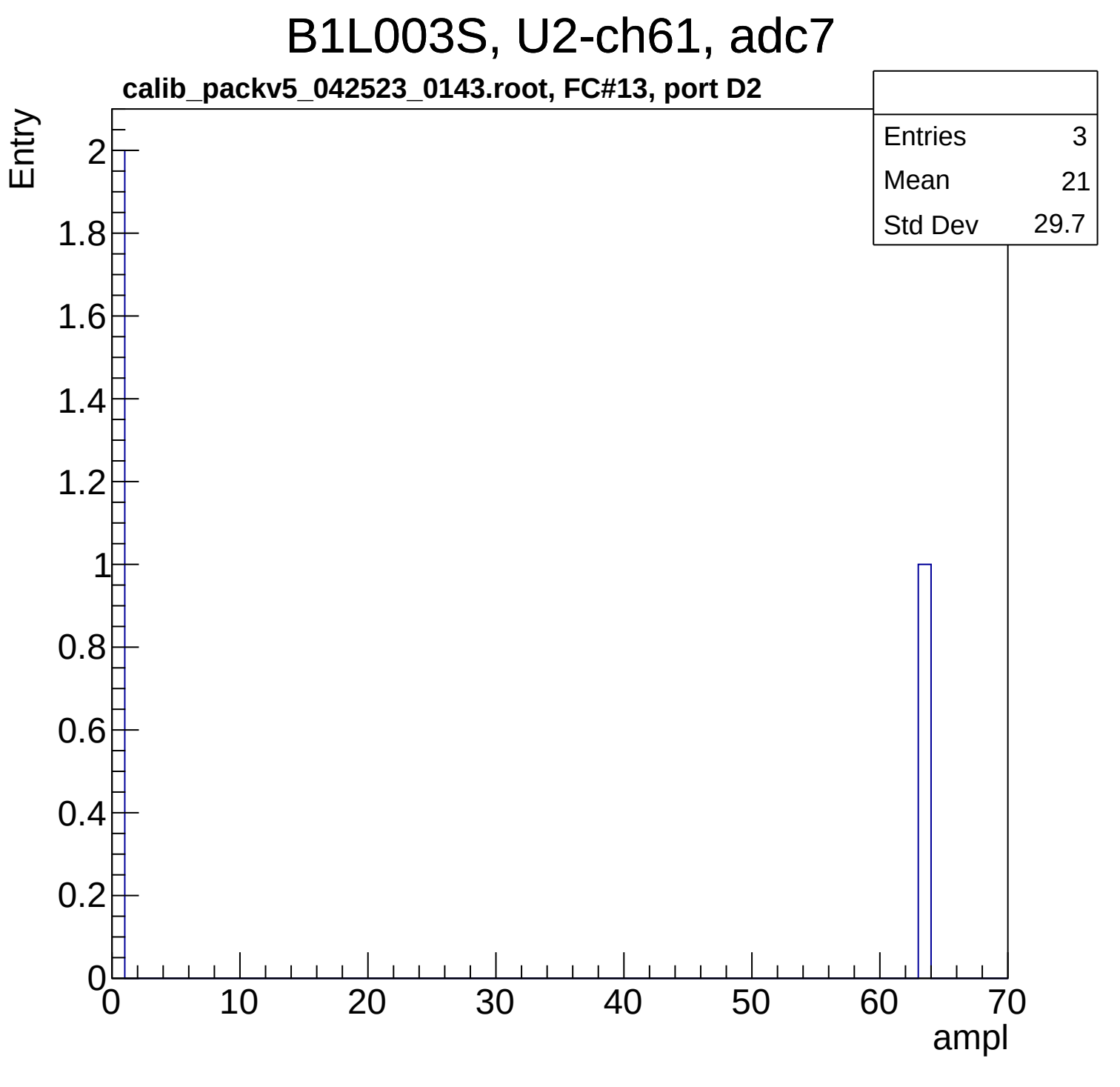
B1L003S, U2-ch61, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
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60
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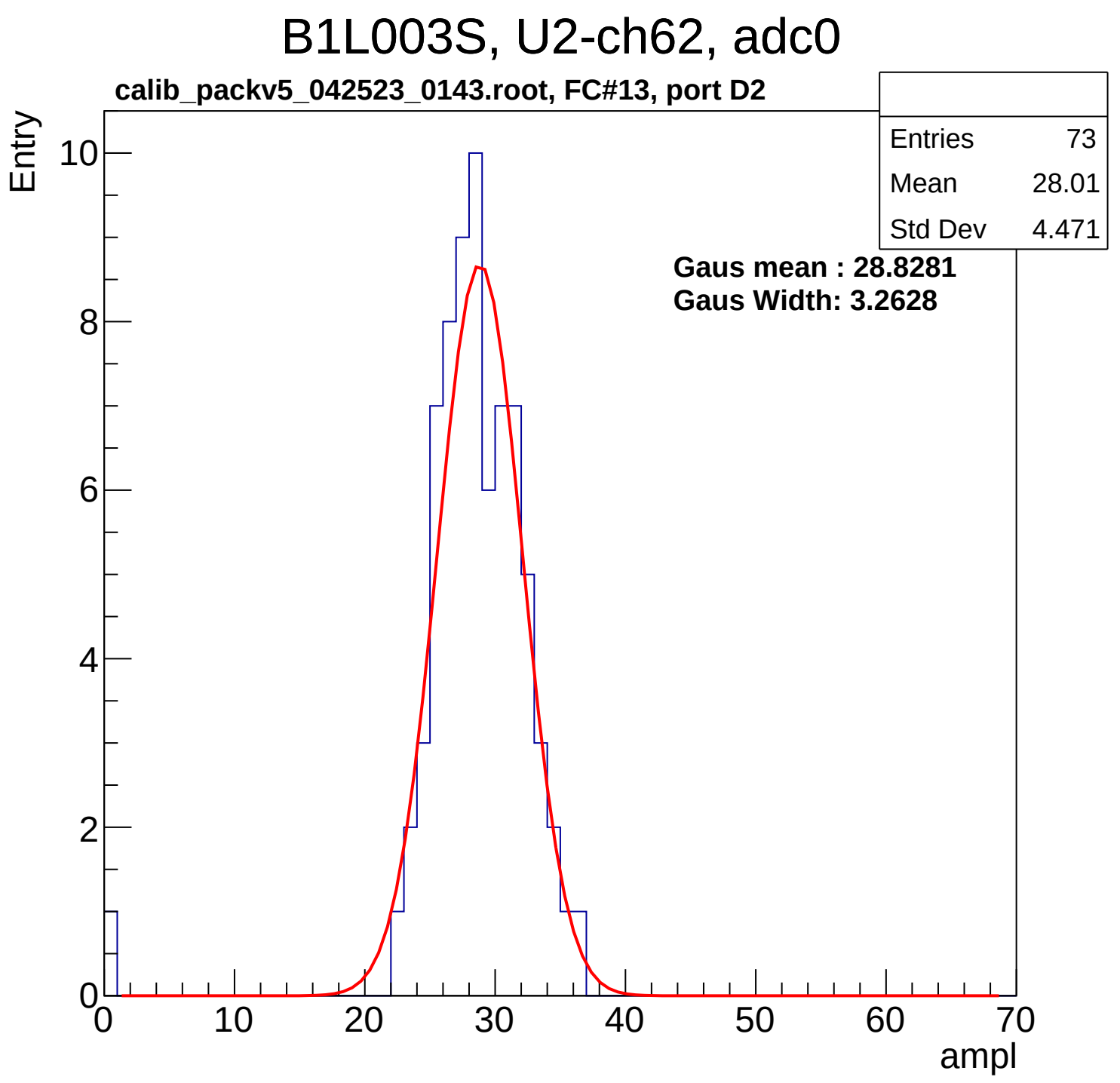
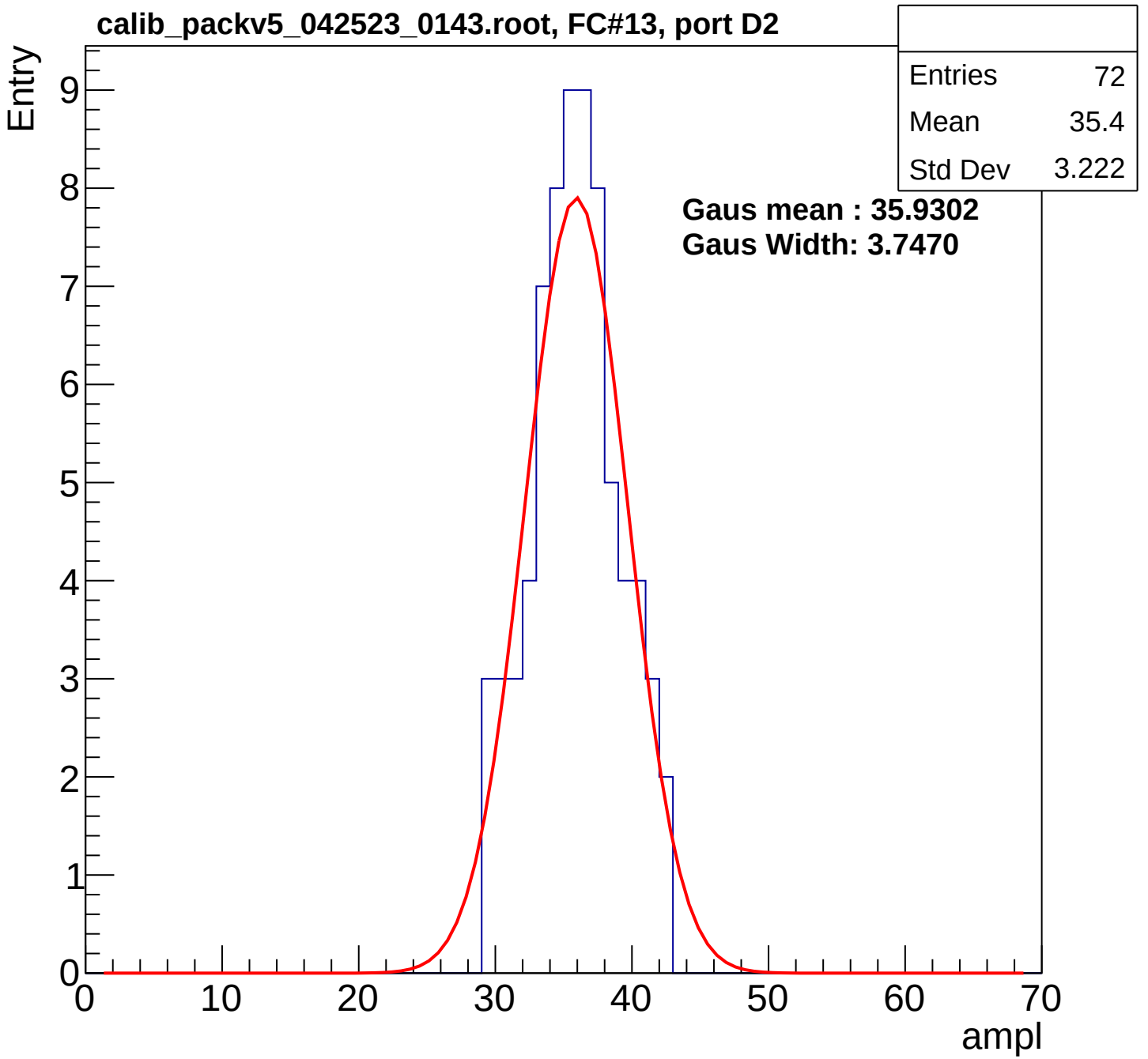
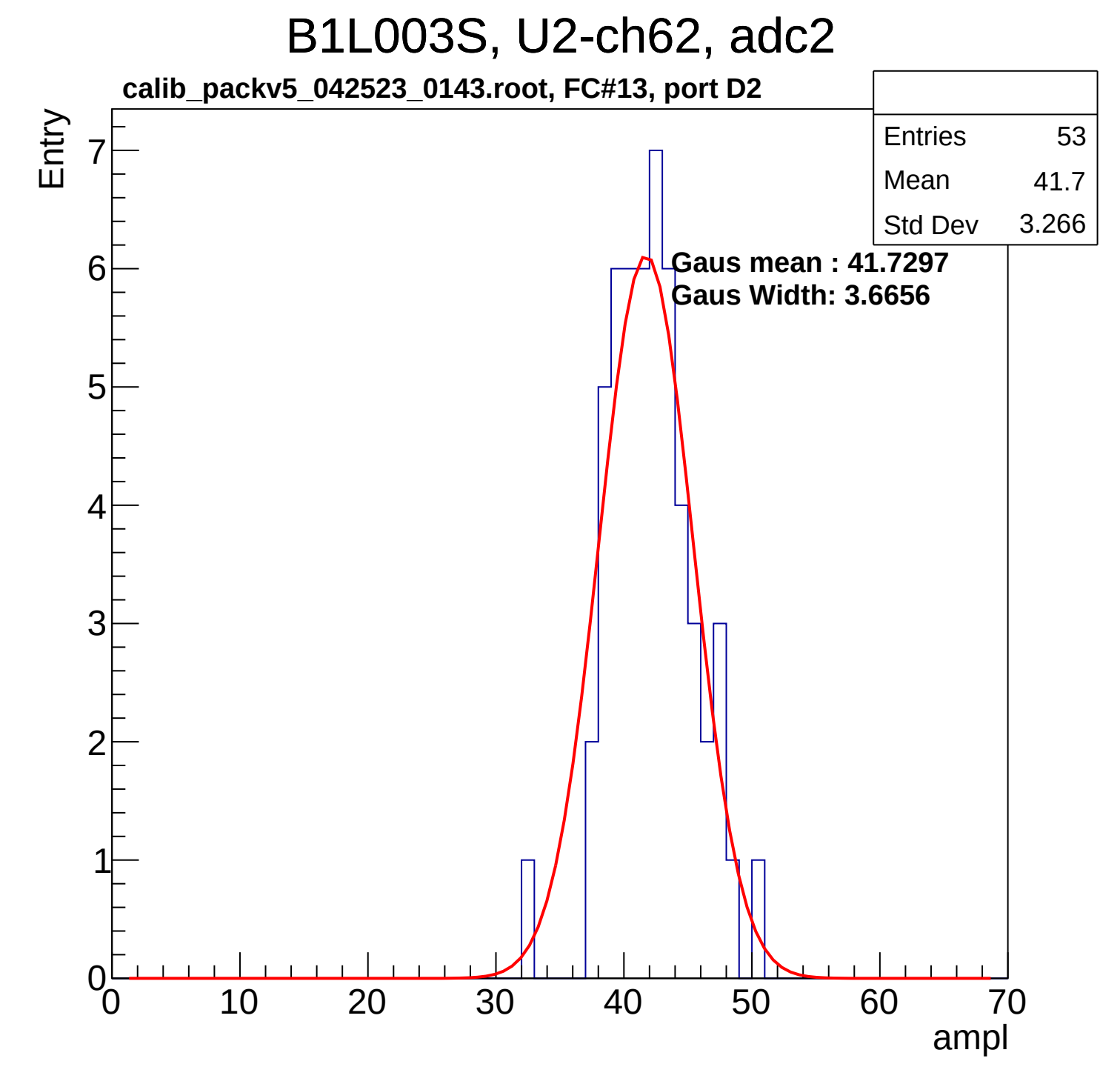
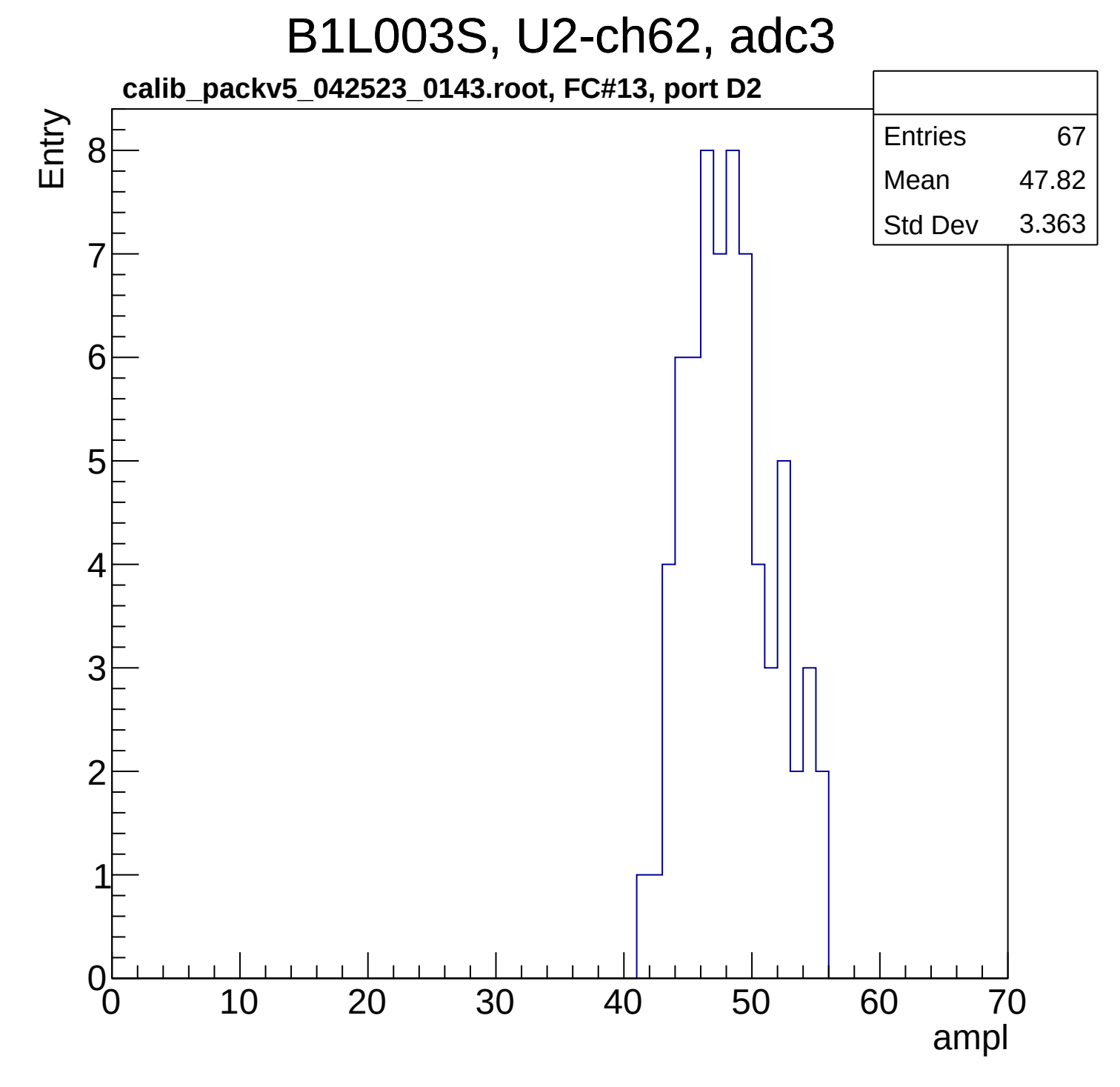

B1L003S, U2-ch62, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 28.01
Std Dev 4.471
Gaus mean : 28.8281
Gaus Width: 3.2628
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch62, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 35.4
Std Dev 3.222
Gaus mean : 35.9302
Gaus Width: 3.7470
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U2-ch62, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 41.7
Std Dev 3.266
Gaus mean : 41.7297
Gaus Width: 3.6656
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U2-ch62, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 47.82
Std Dev 3.363
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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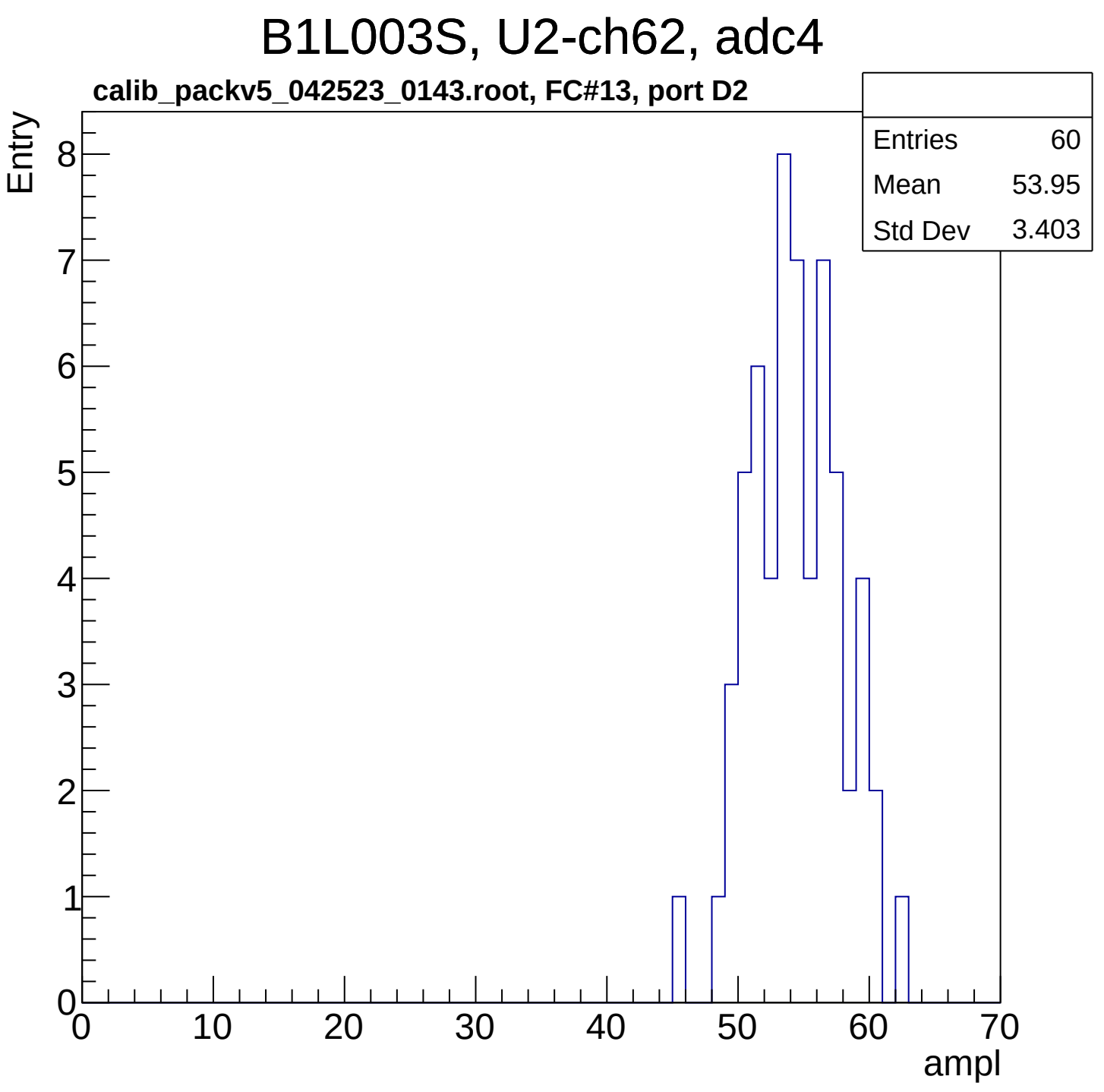
B1L003S, U2-ch62, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 53.95
Std Dev 3.403
Entry
ampl
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2
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0
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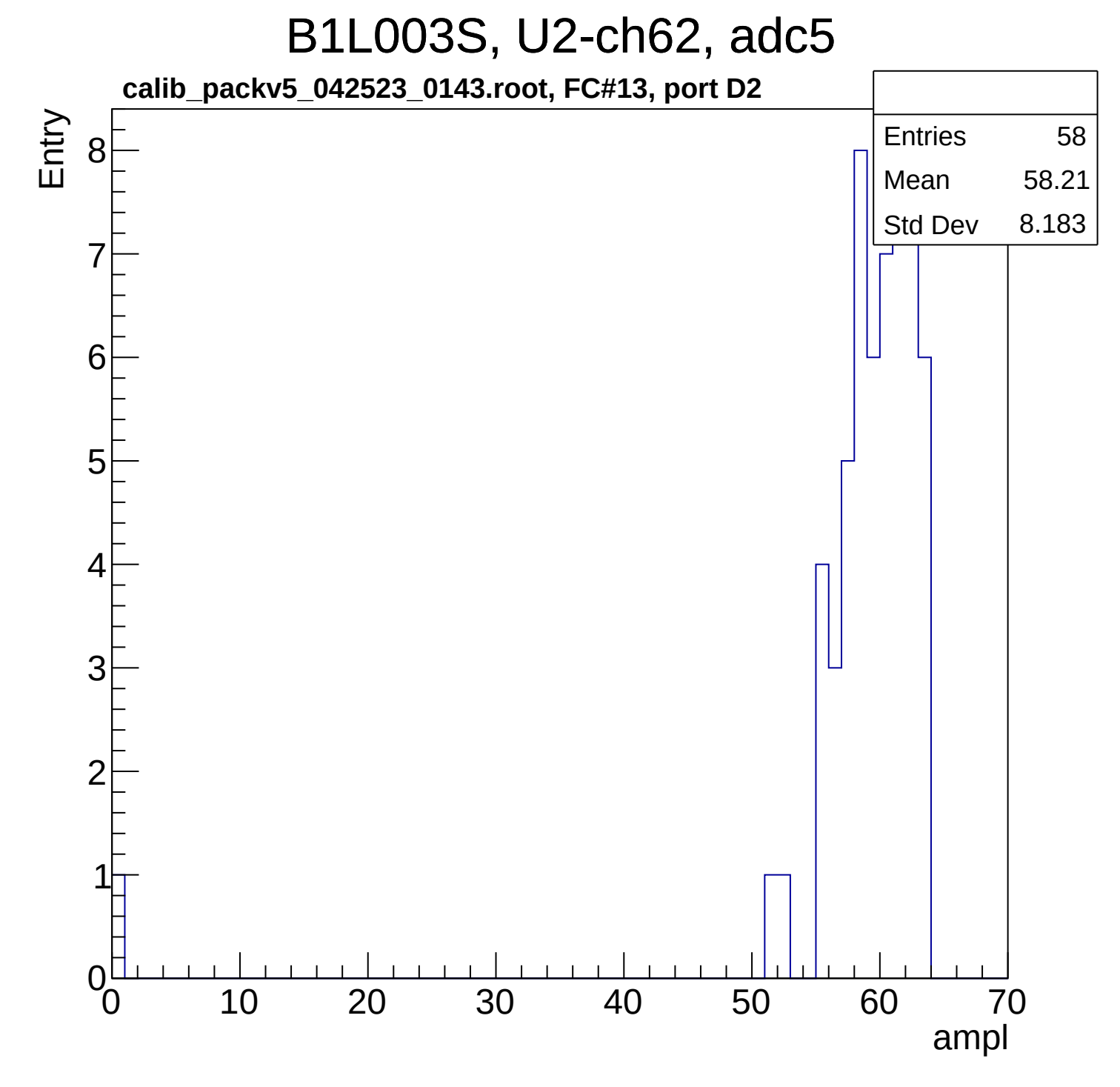
B1L003S, U2-ch62, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 58.21
Std Dev 8.183
Entry
ampl
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0
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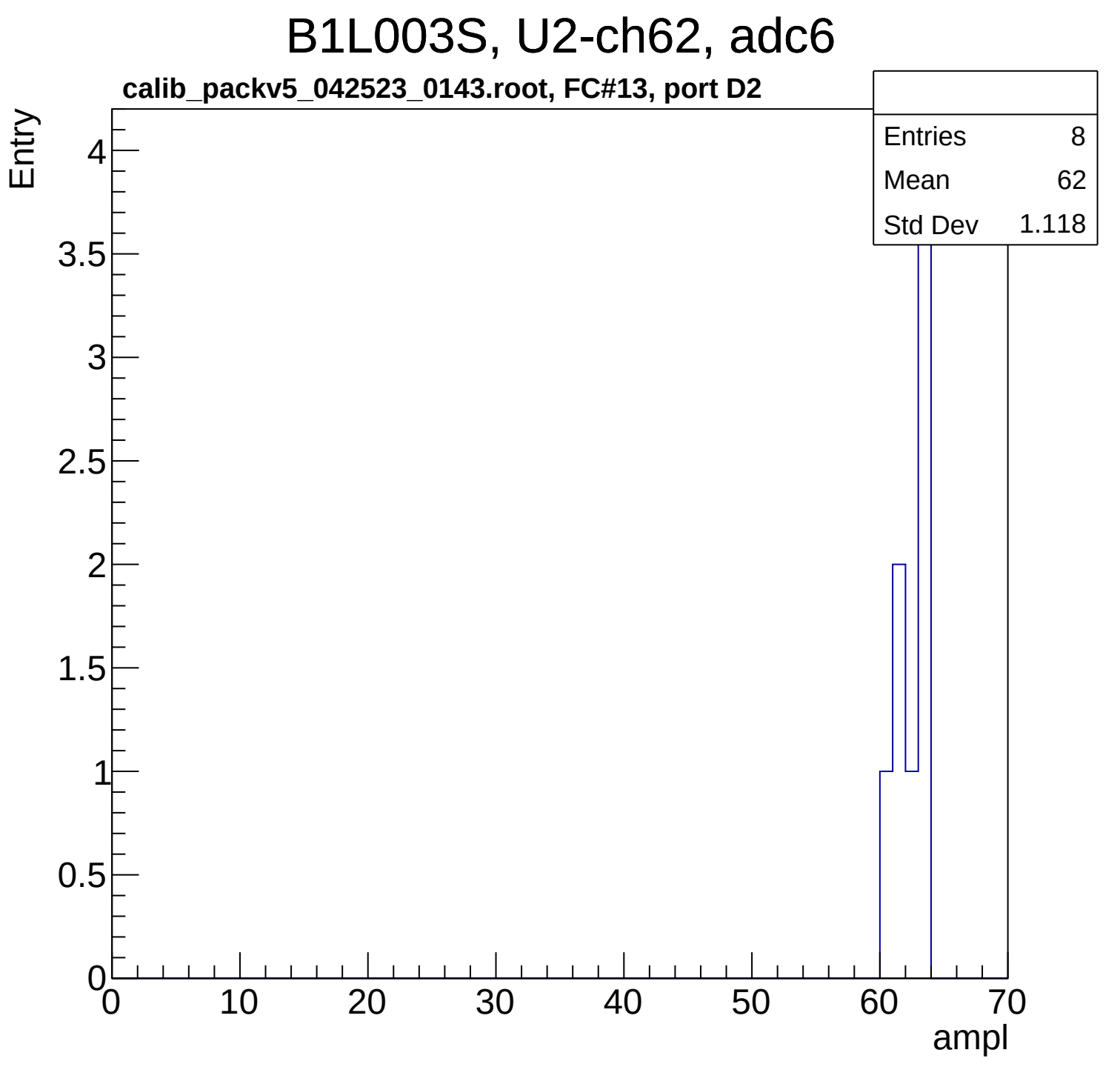
B1L003S, U2-ch62, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 62
Std Dev 1.118
Entry
ampl
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1.5
2
2.5
3
3.5
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0
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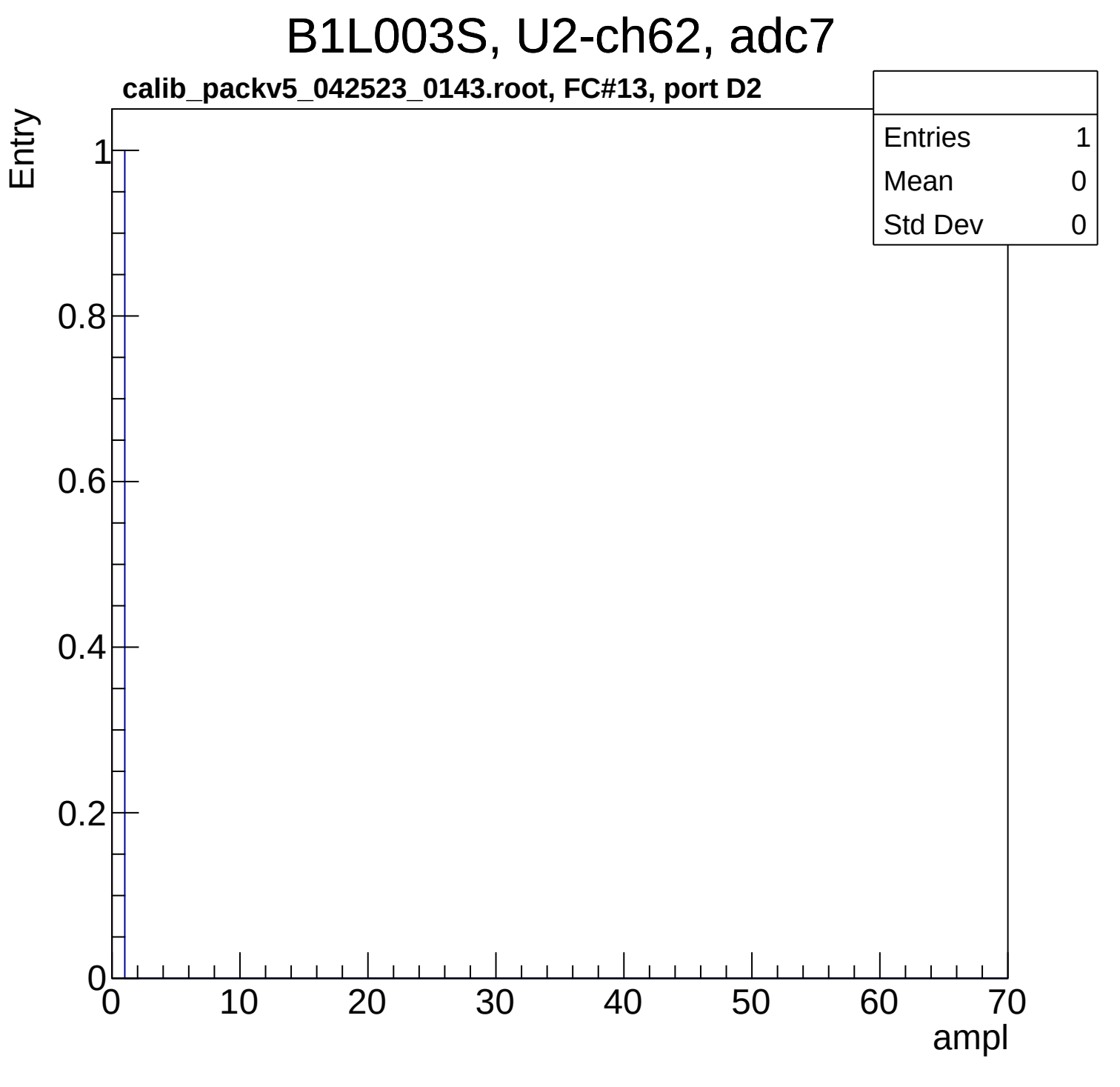
B1L003S, U2-ch62, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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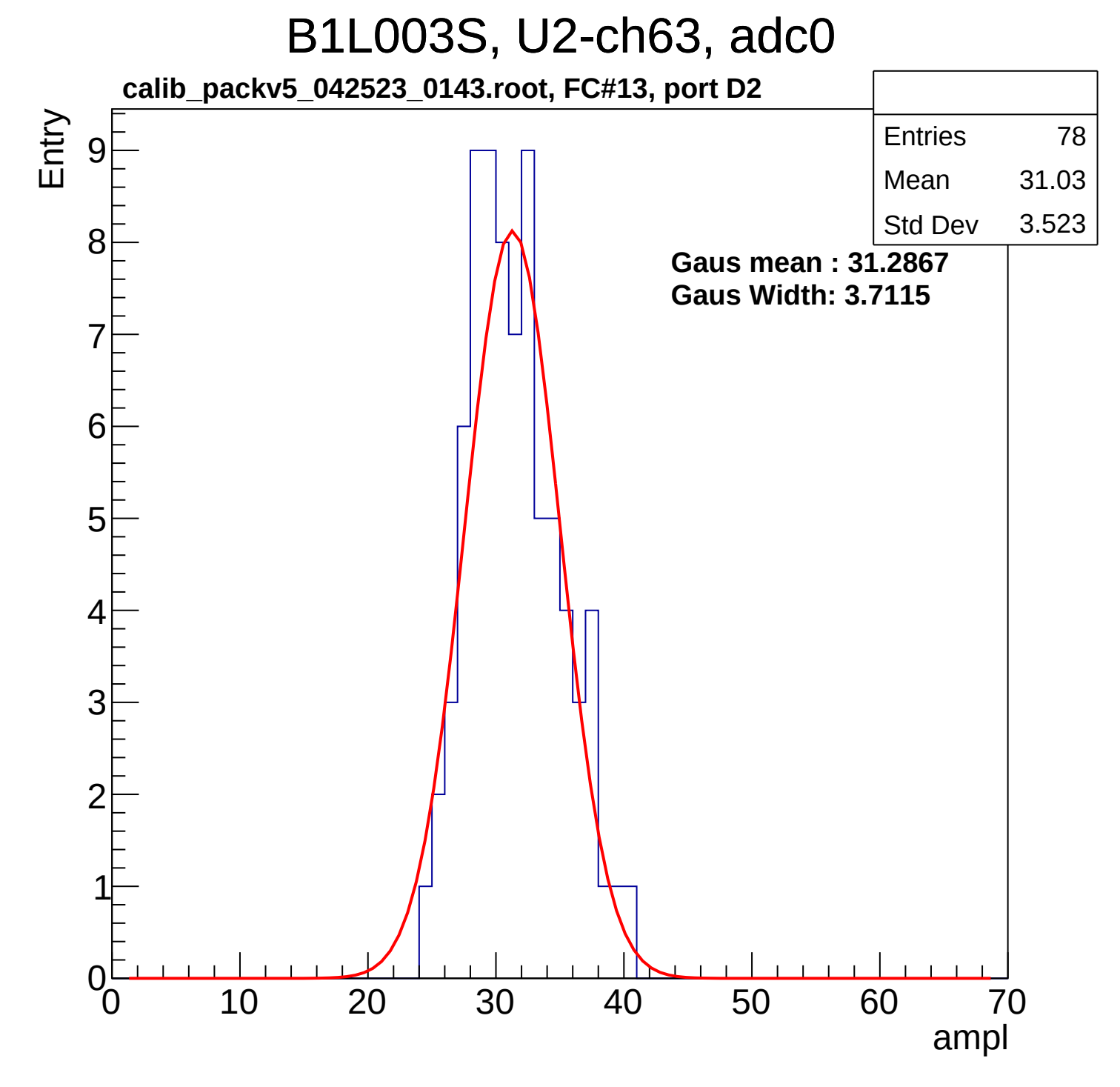
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch63, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 31.03
Std Dev 3.523
Gaus mean : 31.2867
Gaus Width: 3.7115
Entry
ampl
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10
20
30
40
50
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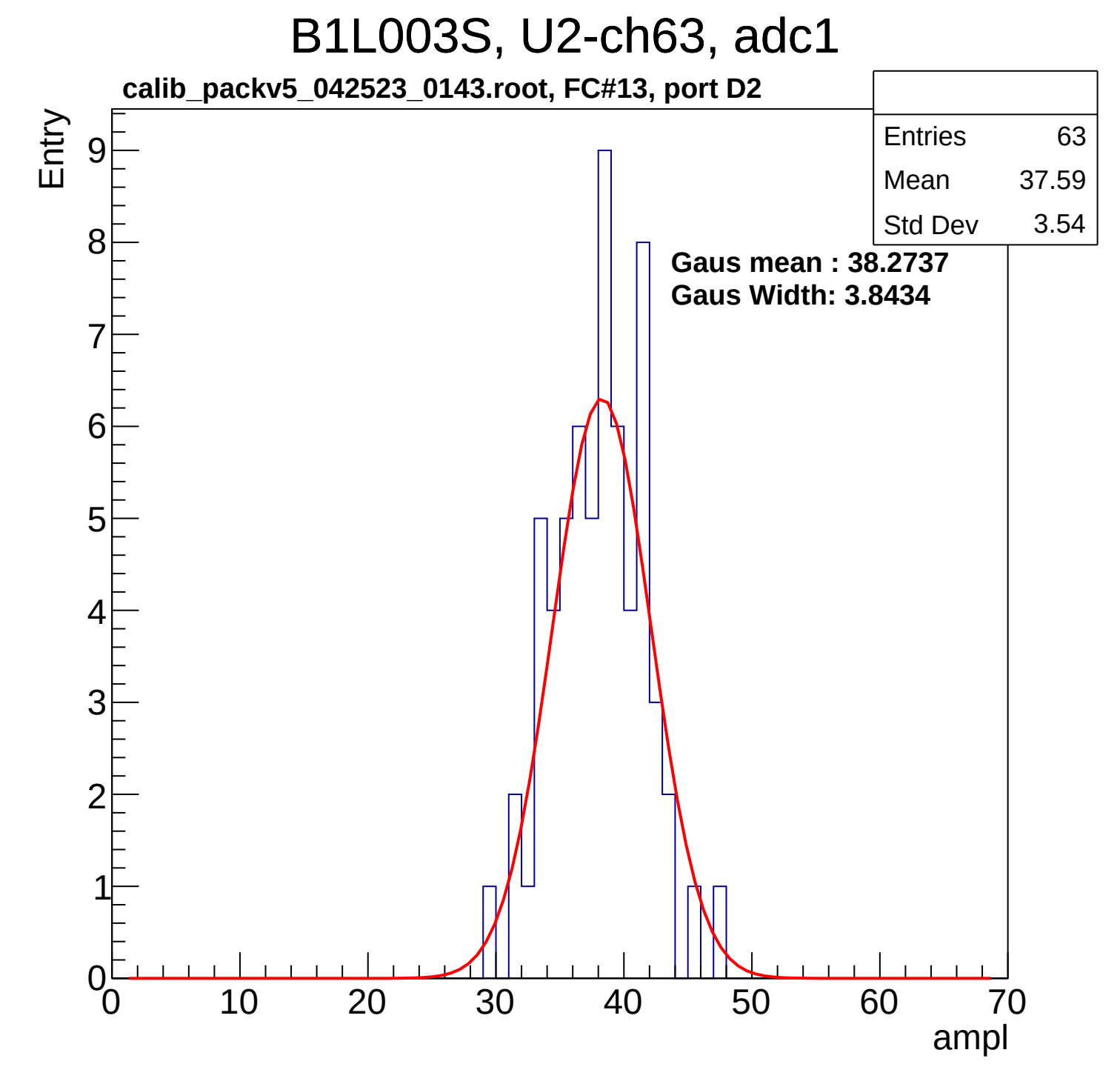
1
2
3
4
5
6
7
8
9


B1L003S, U2-ch63, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 37.59
Std Dev 3.54
Gaus mean : 38.2737
Gaus Width: 3.8434
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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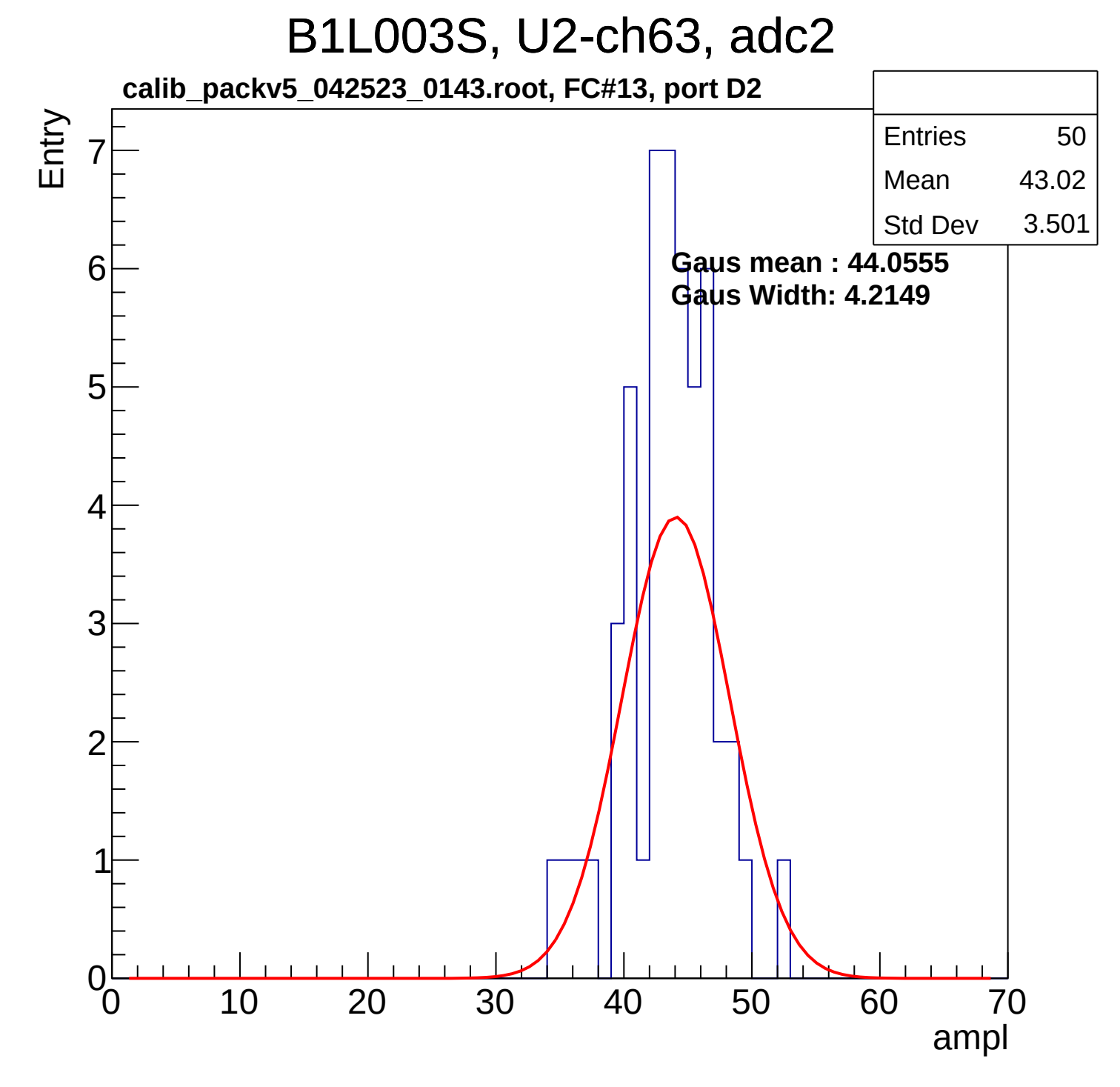
B1L003S, U2-ch63, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 43.02
Std Dev 3.501
Gaus mean : 44.0555
Gaus Width: 4.2149
Entry
ampl
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1
2
3
4
5
6
7
0
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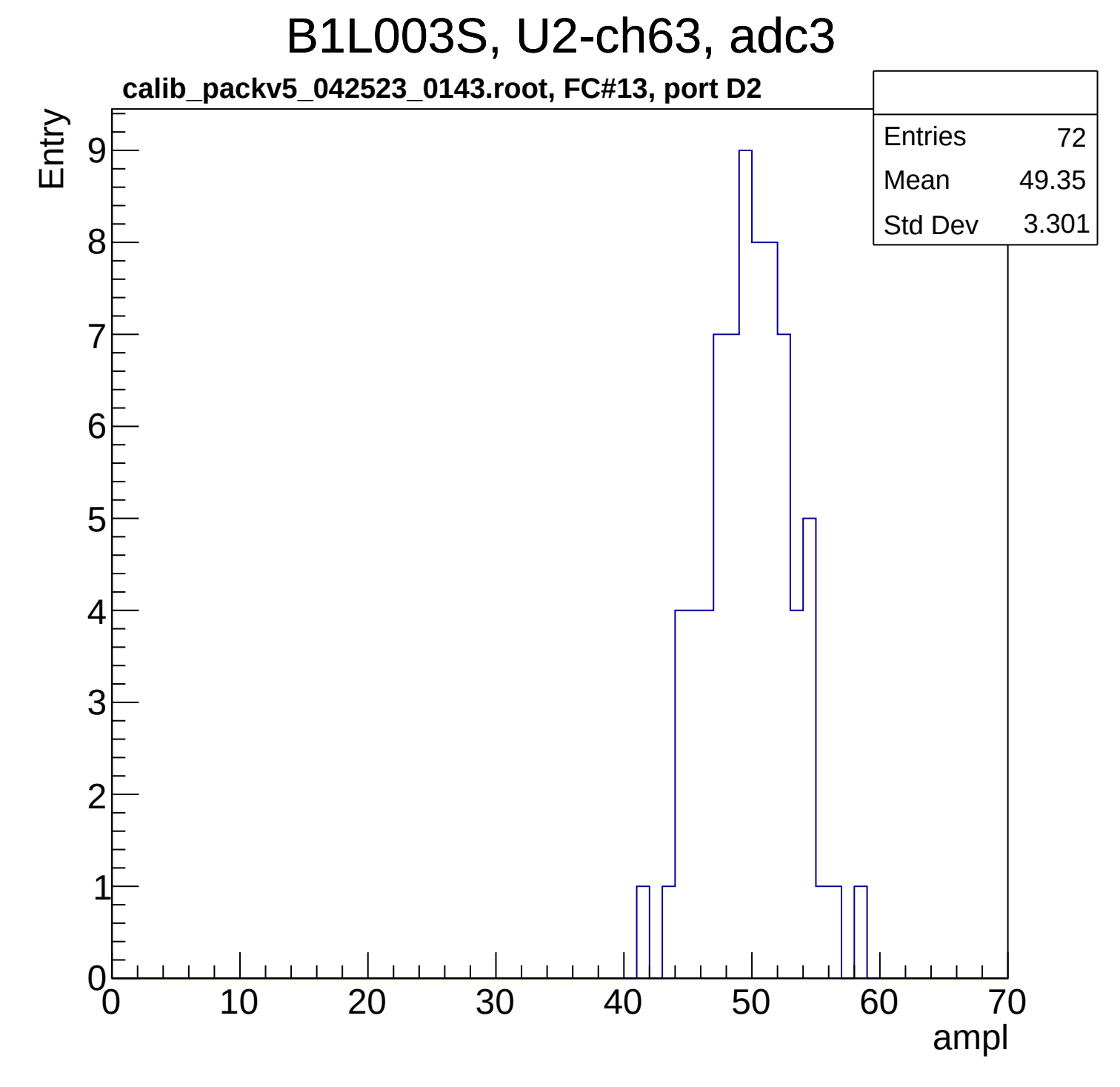
B1L003S, U2-ch63, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 49.35
Std Dev 3.301
Entry
ampl
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2
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6
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8
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0
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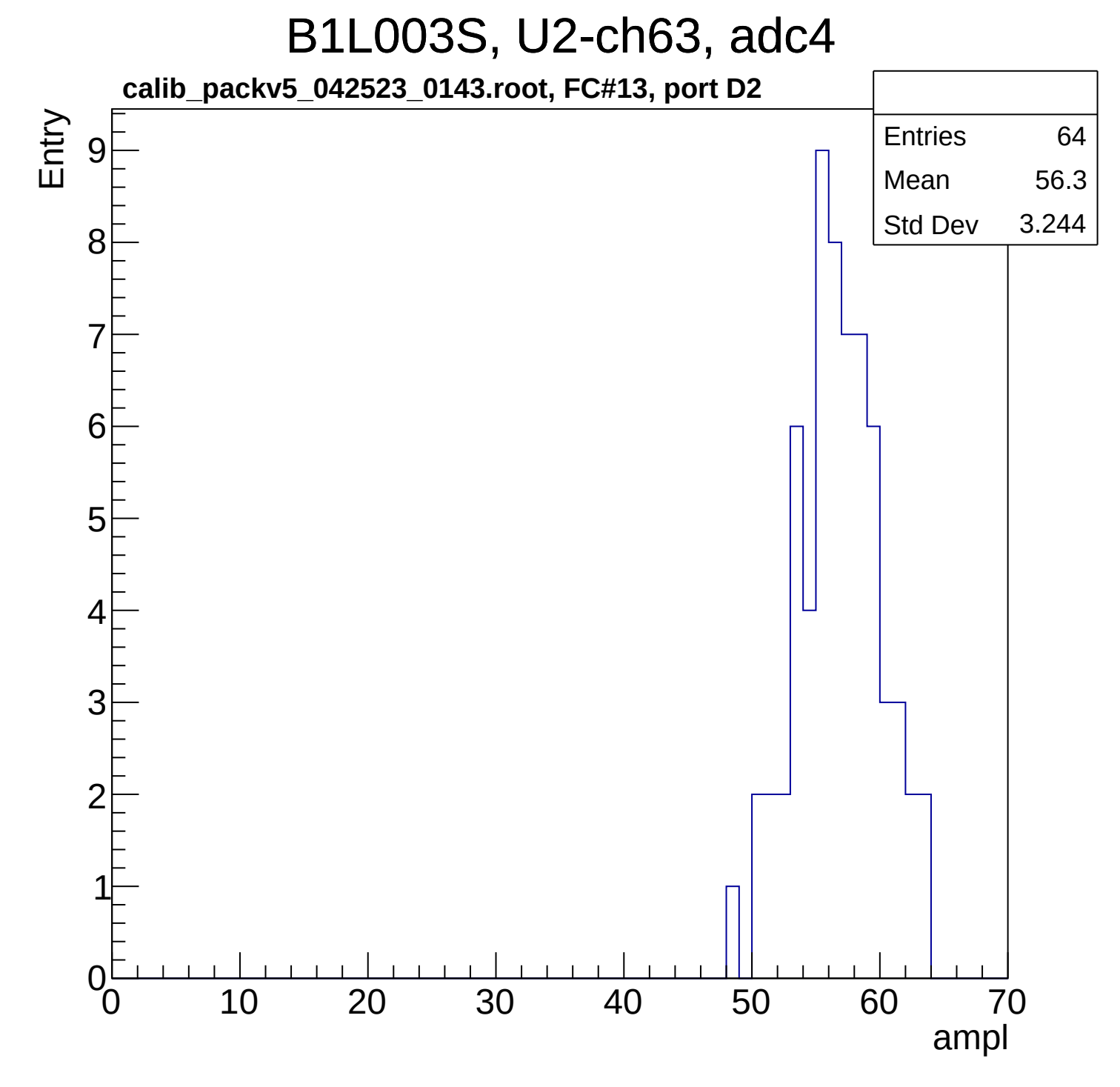
B1L003S, U2-ch63, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 56.3
Std Dev 3.244
Entry
ampl
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2
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6
7
8
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0
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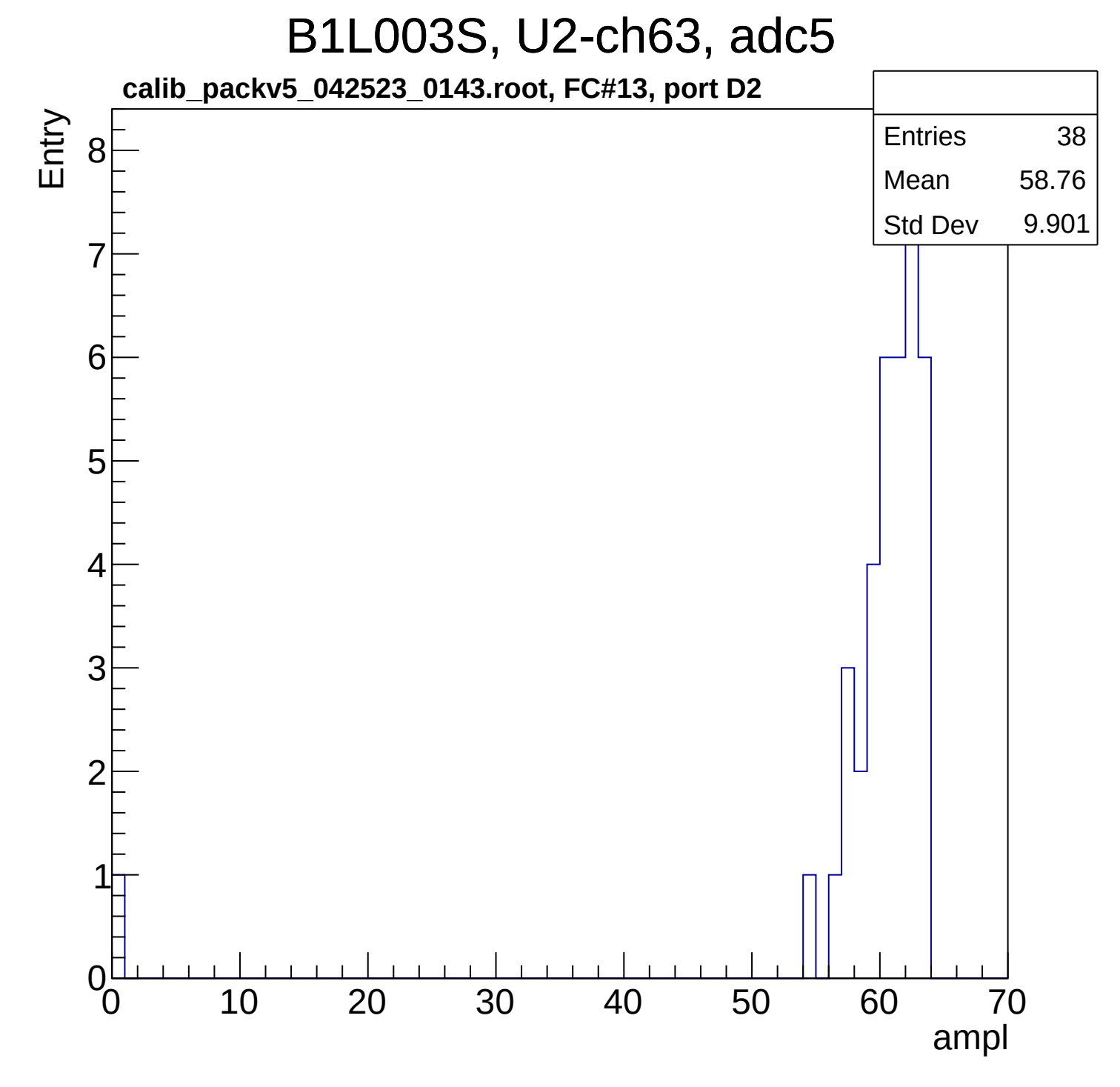
B1L003S, U2-ch63, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 58.76
Std Dev 9.901
Entry
ampl
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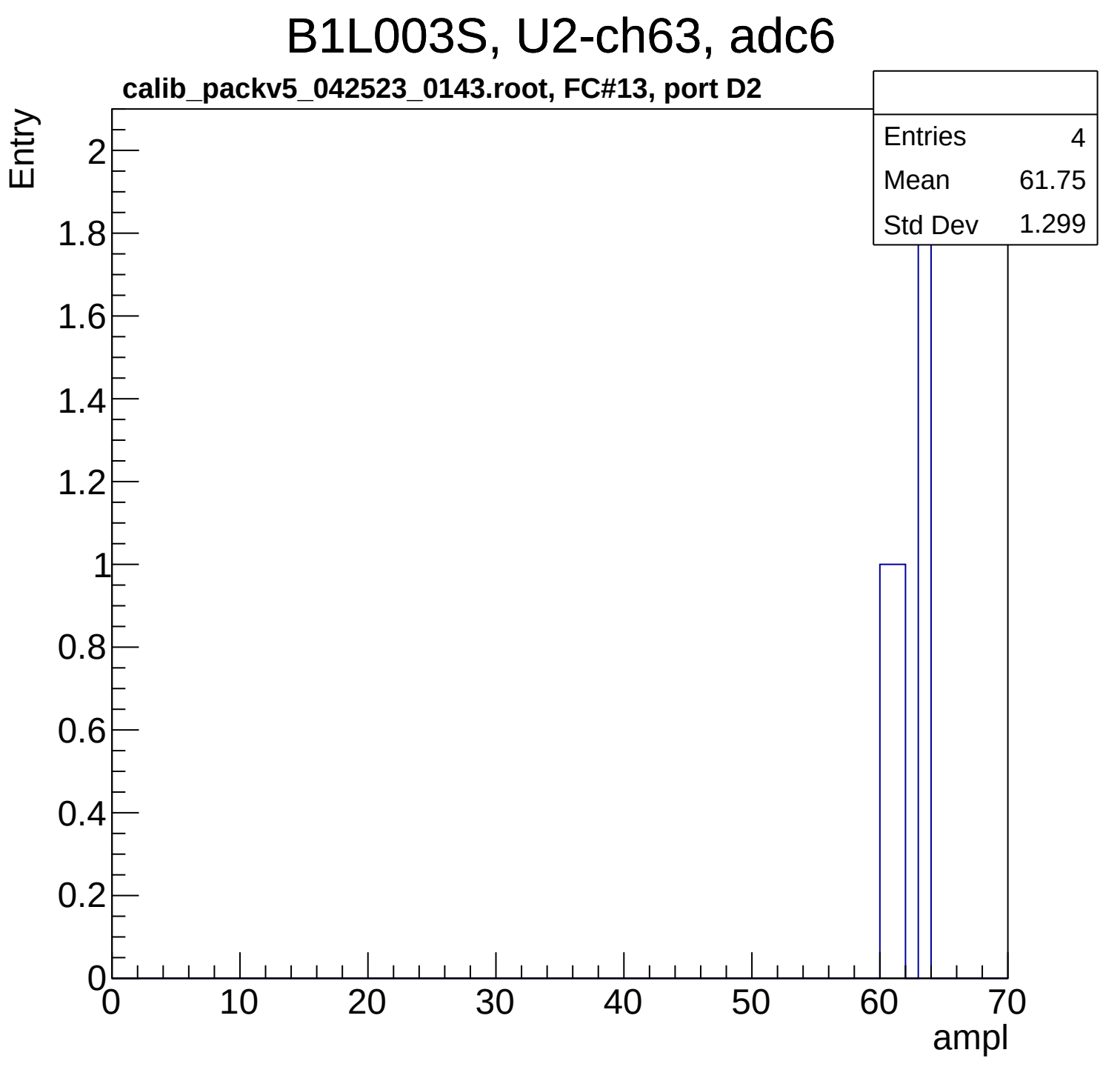
B1L003S, U2-ch63, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.75
Std Dev 1.299
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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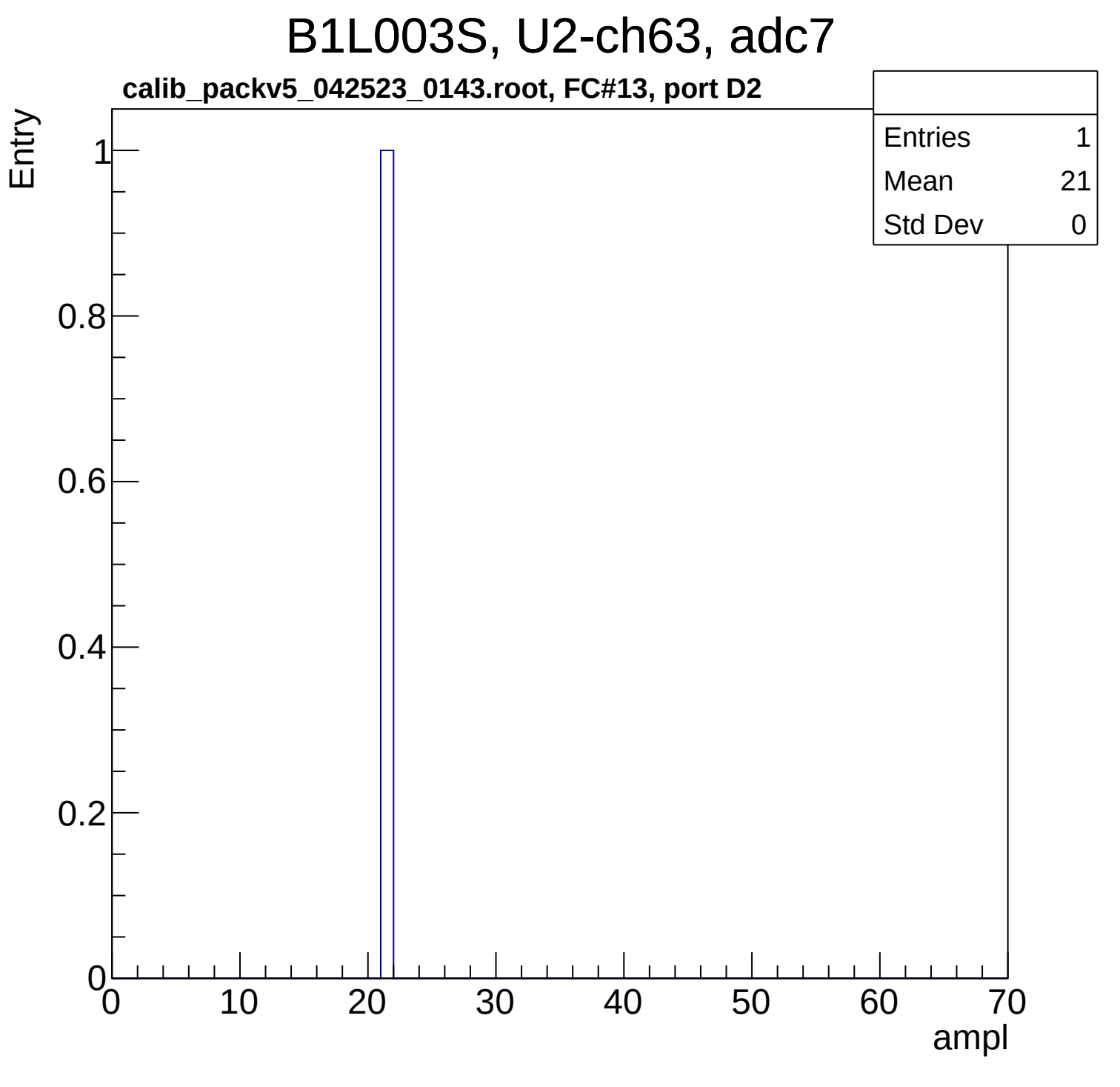
60
70


B1L003S, U2-ch63, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
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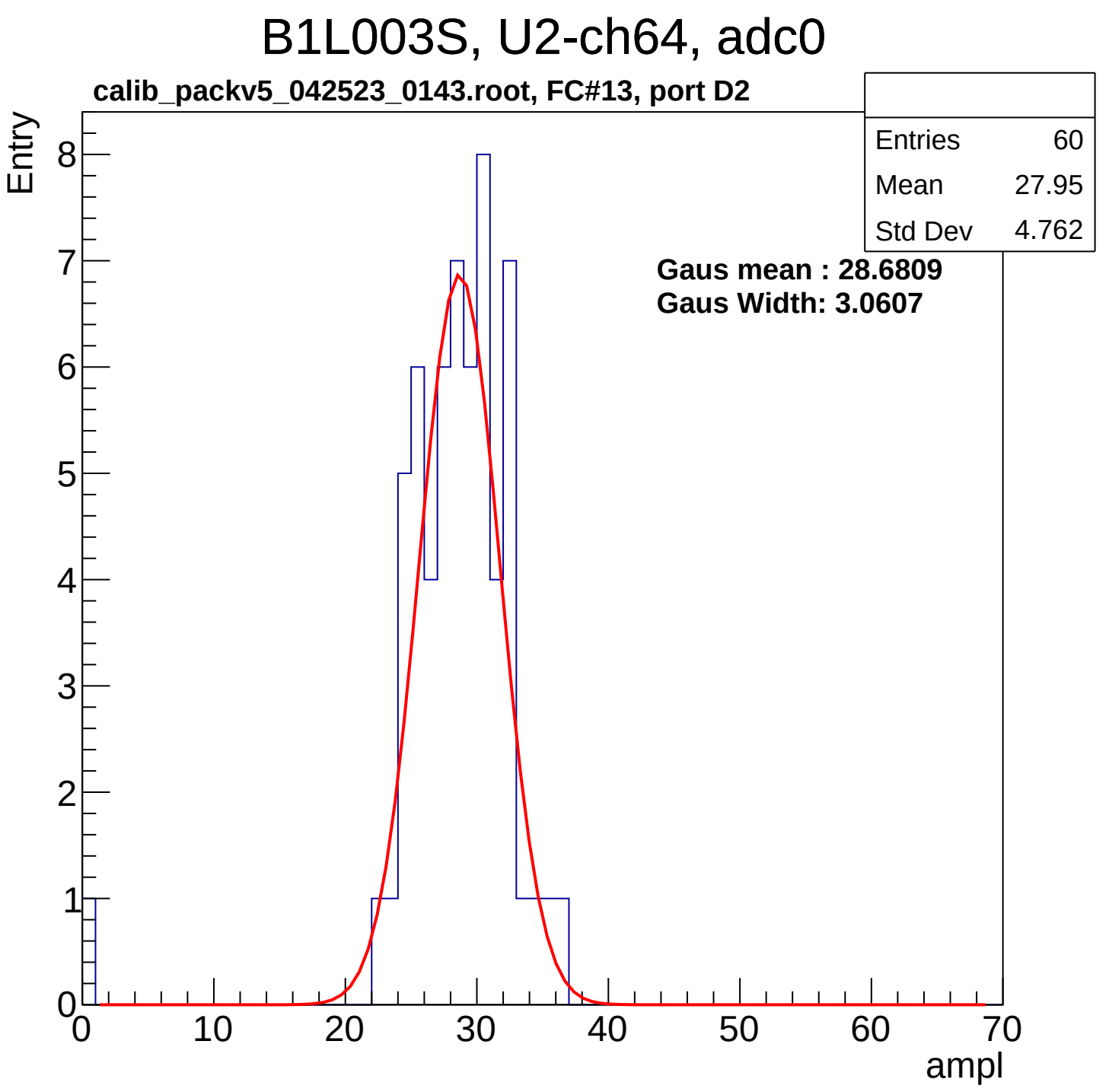
50
60
70
ampl


B1L003S, U2-ch64, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 27.95
Std Dev 4.762
Gaus mean : 28.6809
Gaus Width: 3.0607
Entry
ampl
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2
3
4
5
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0
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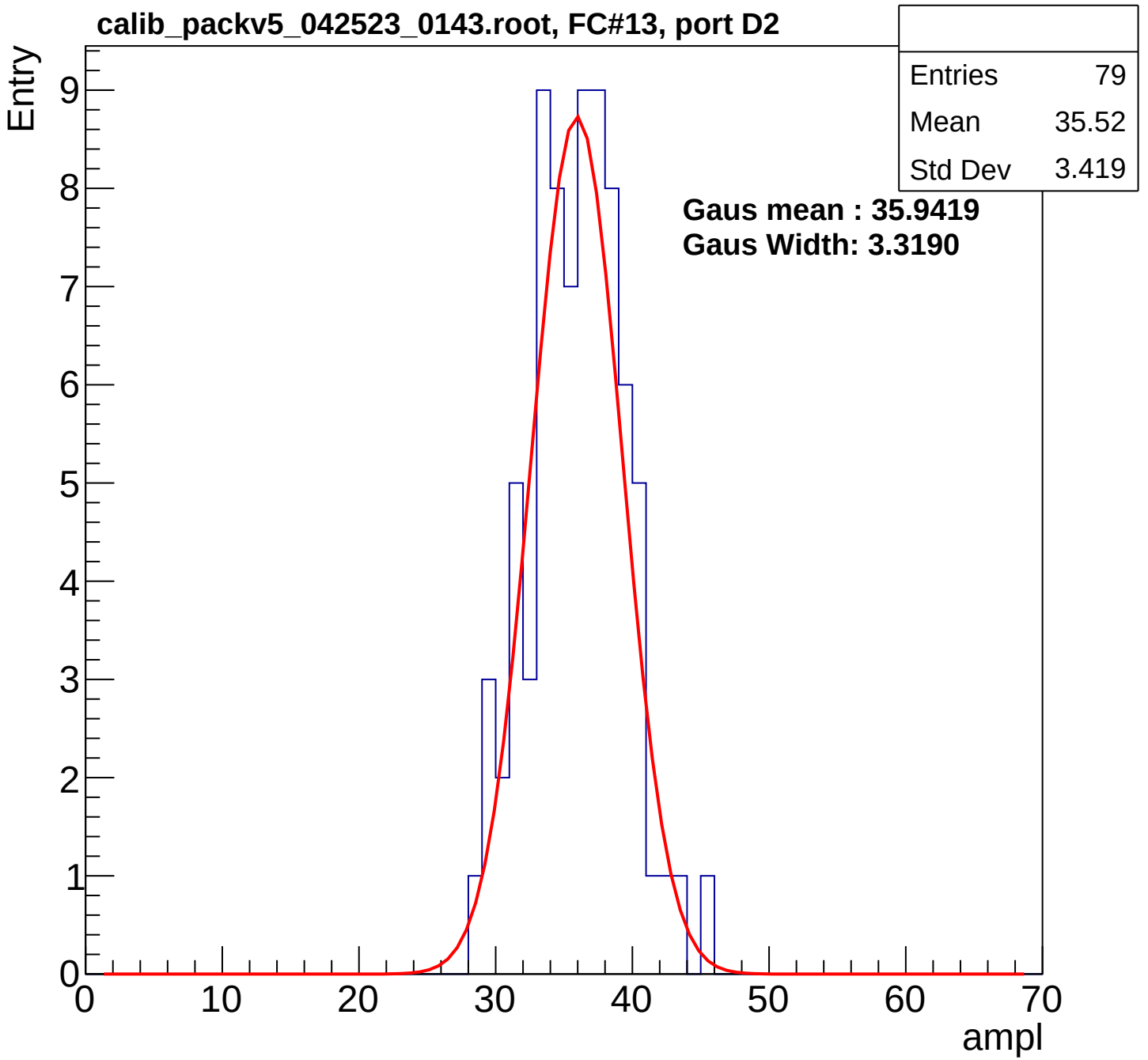
B1L003S, U2-ch64, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 35.52
Std Dev 3.419
Gaus mean : 35.9419
Gaus Width: 3.3190
Entry
ampl
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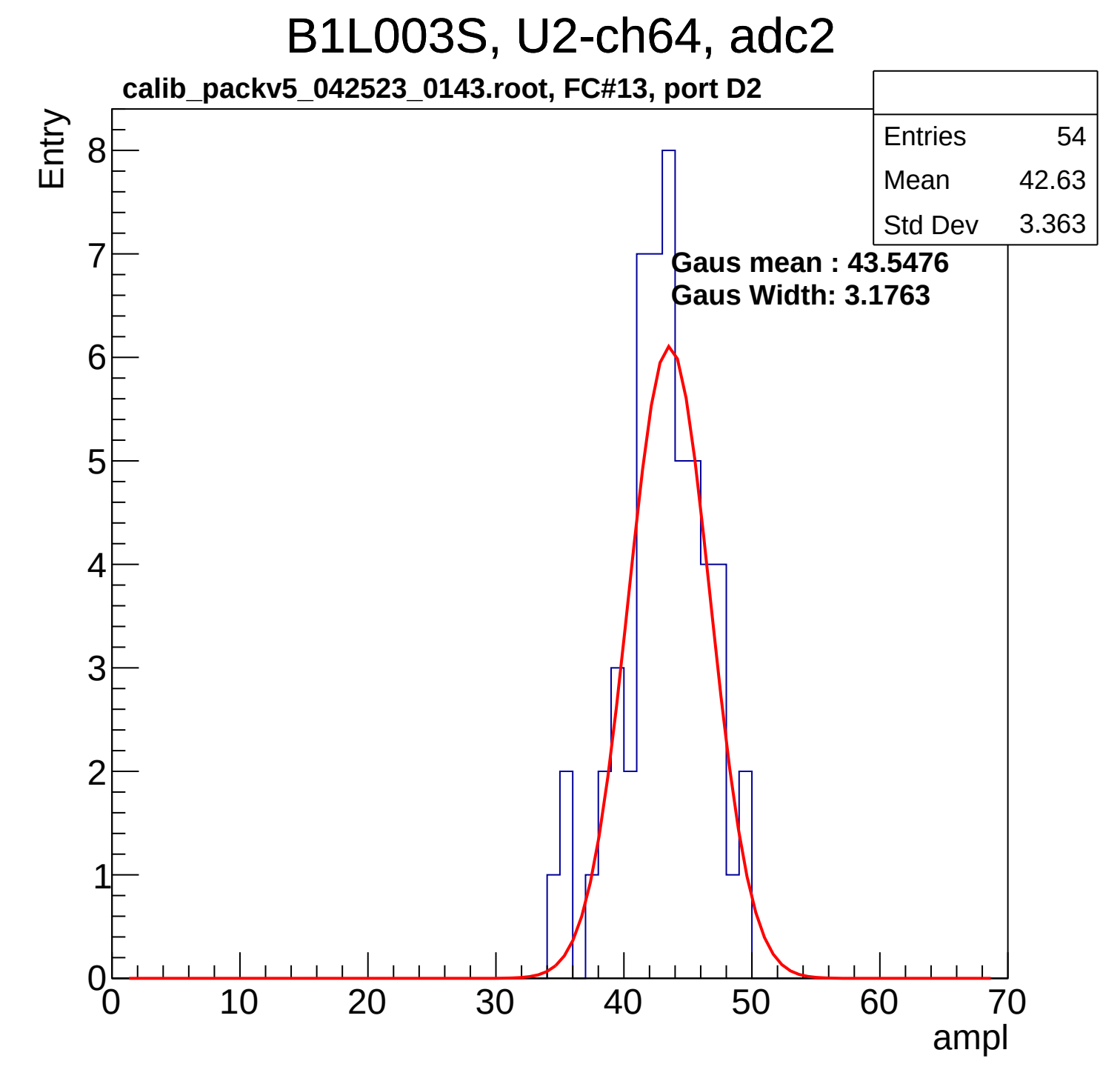
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U2-ch64, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 42.63
Std Dev 3.363
Gaus mean : 43.5476
Gaus Width: 3.1763
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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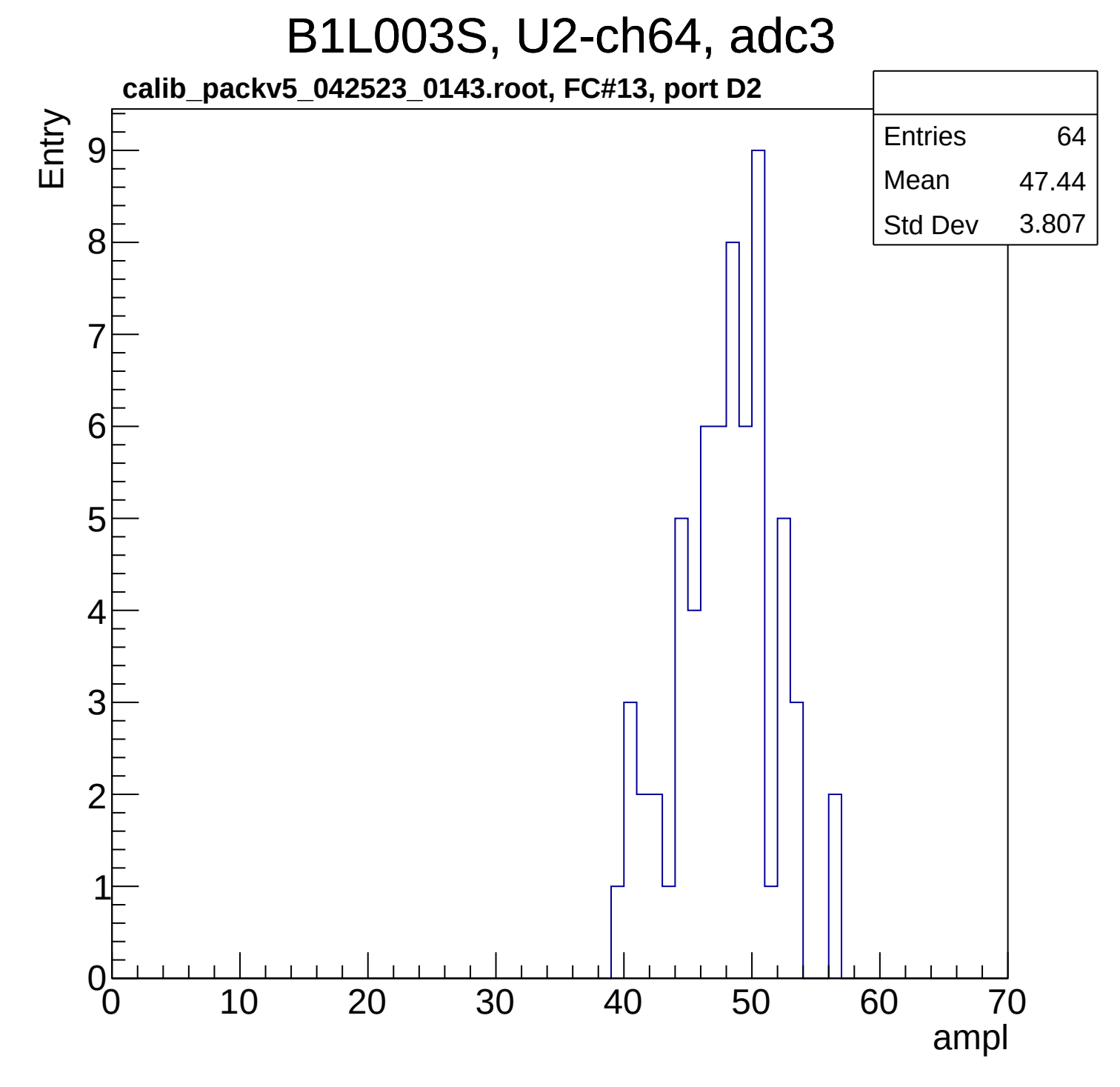
B1L003S, U2-ch64, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 47.44
Std Dev 3.807
Entry
ampl
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3
4
5
6
7
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0
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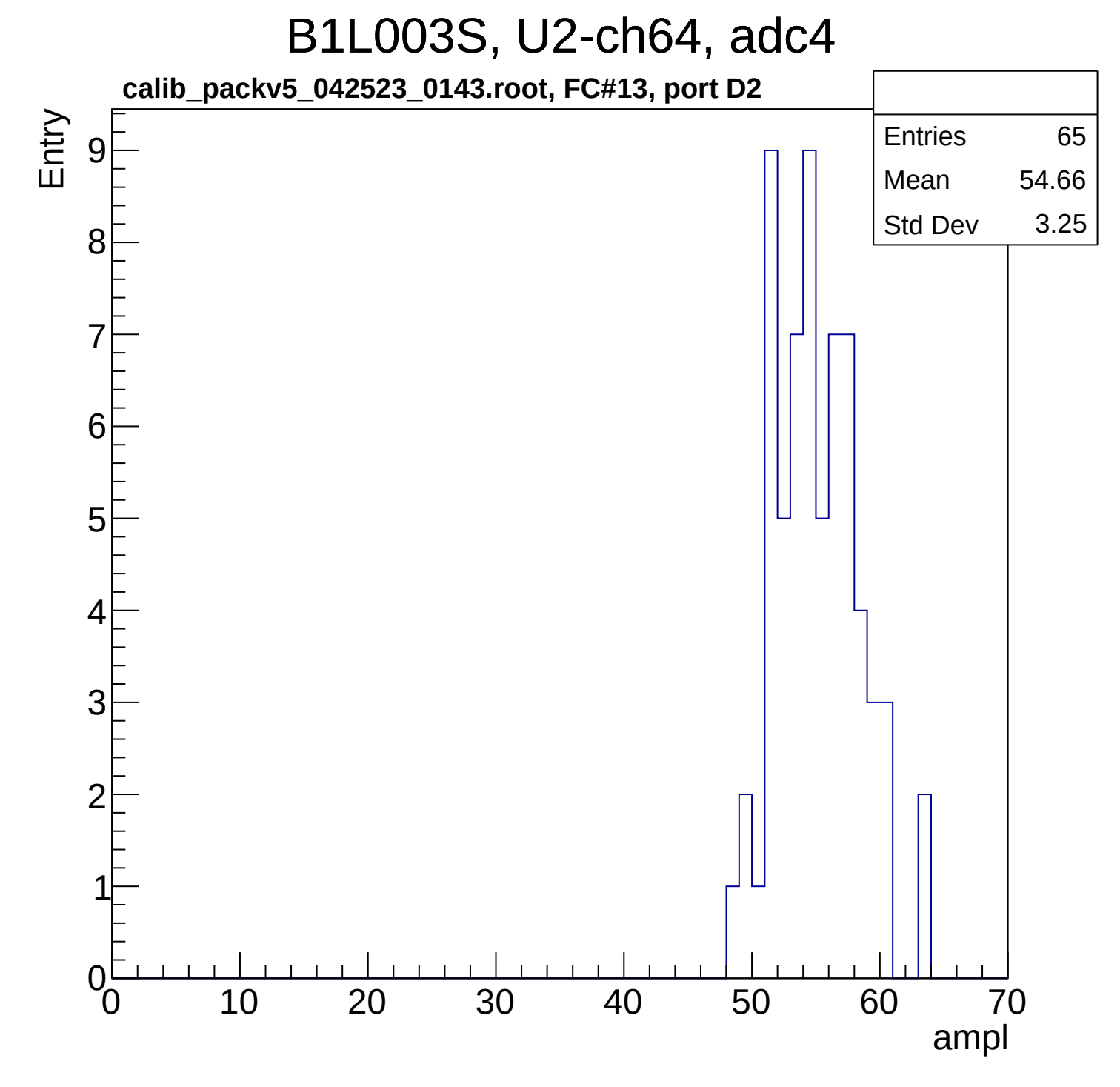
B1L003S, U2-ch64, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 54.66
Std Dev 3.25
Entry
ampl
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0
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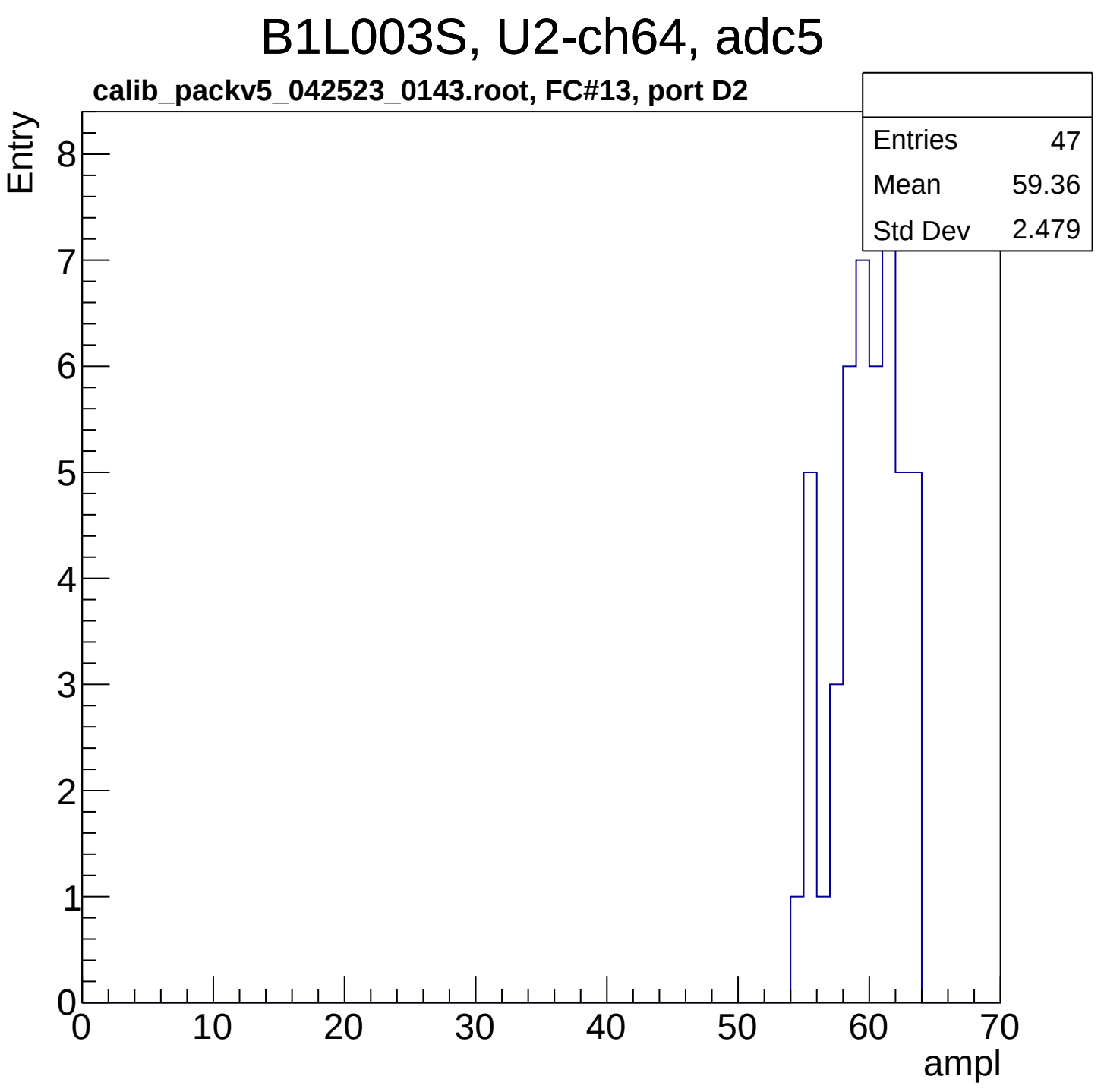
B1L003S, U2-ch64, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 59.36
Std Dev 2.479
Entry
ampl
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60
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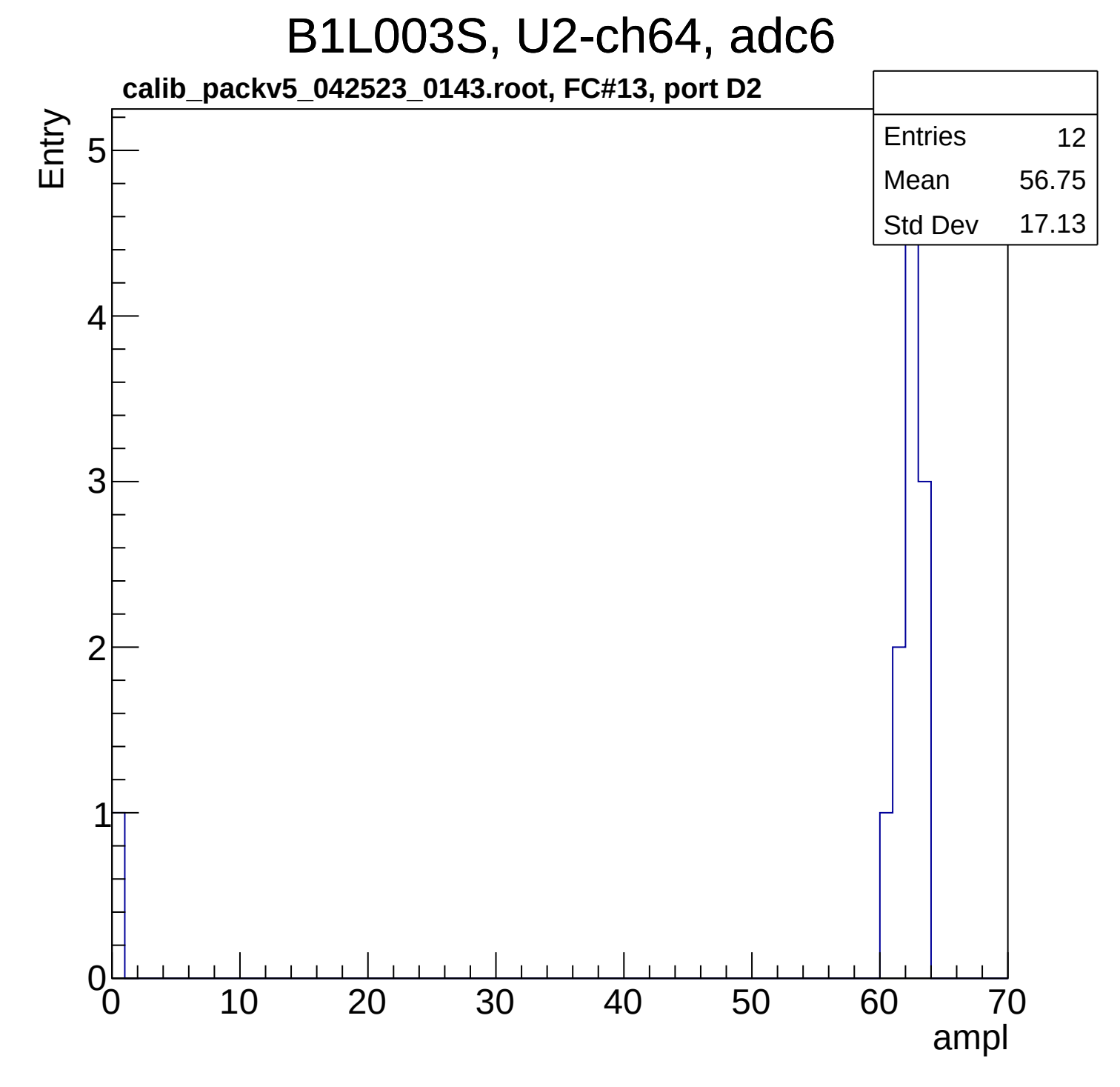
B1L003S, U2-ch64, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 56.75
Std Dev 17.13
Entry
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1
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3
4
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30
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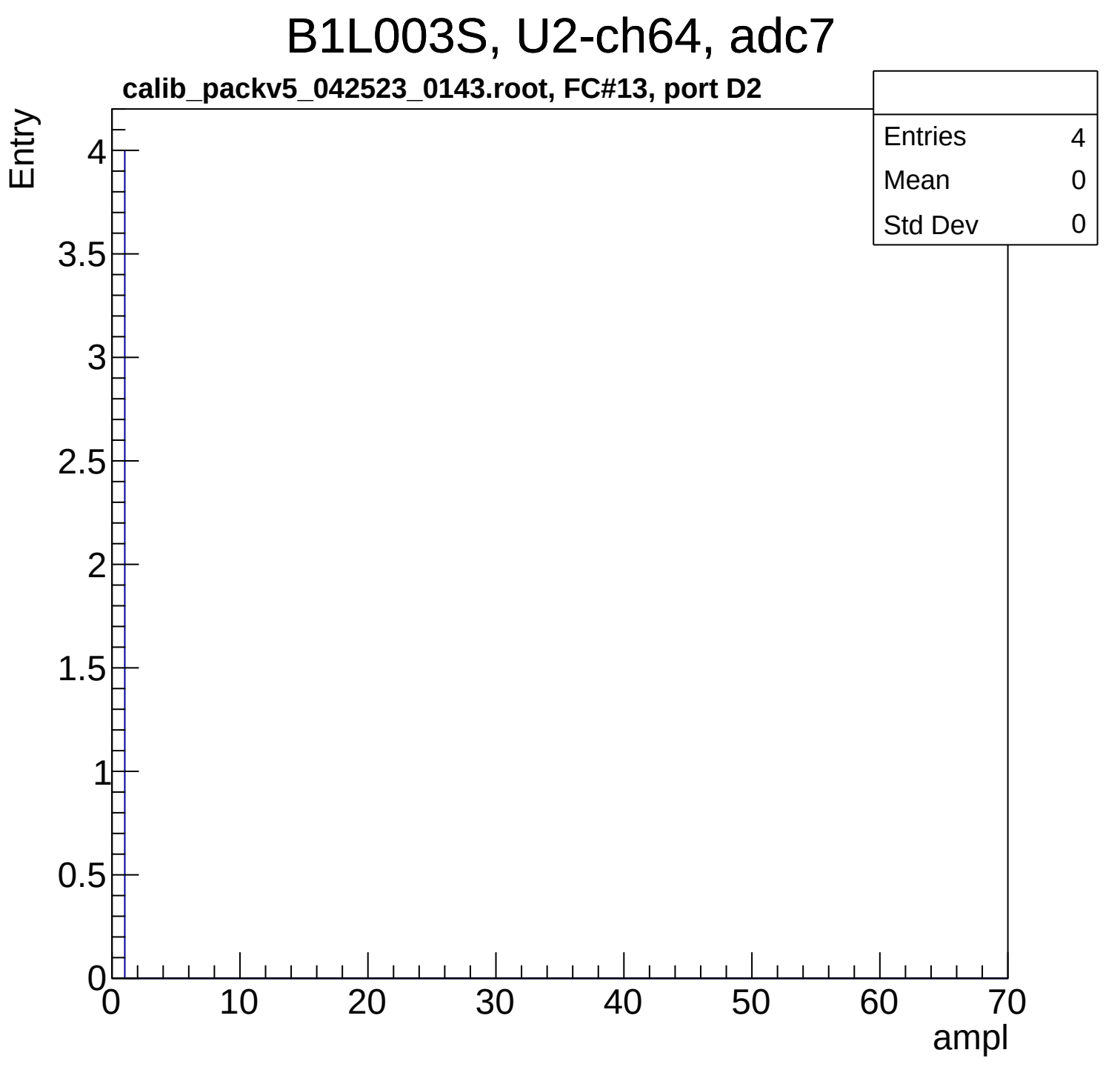
50
60
70
ampl


B1L003S, U2-ch64, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 0
Std Dev 0
Entry
ampl
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1.5
2
2.5
3
3.5
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0
10
20
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40
50
60
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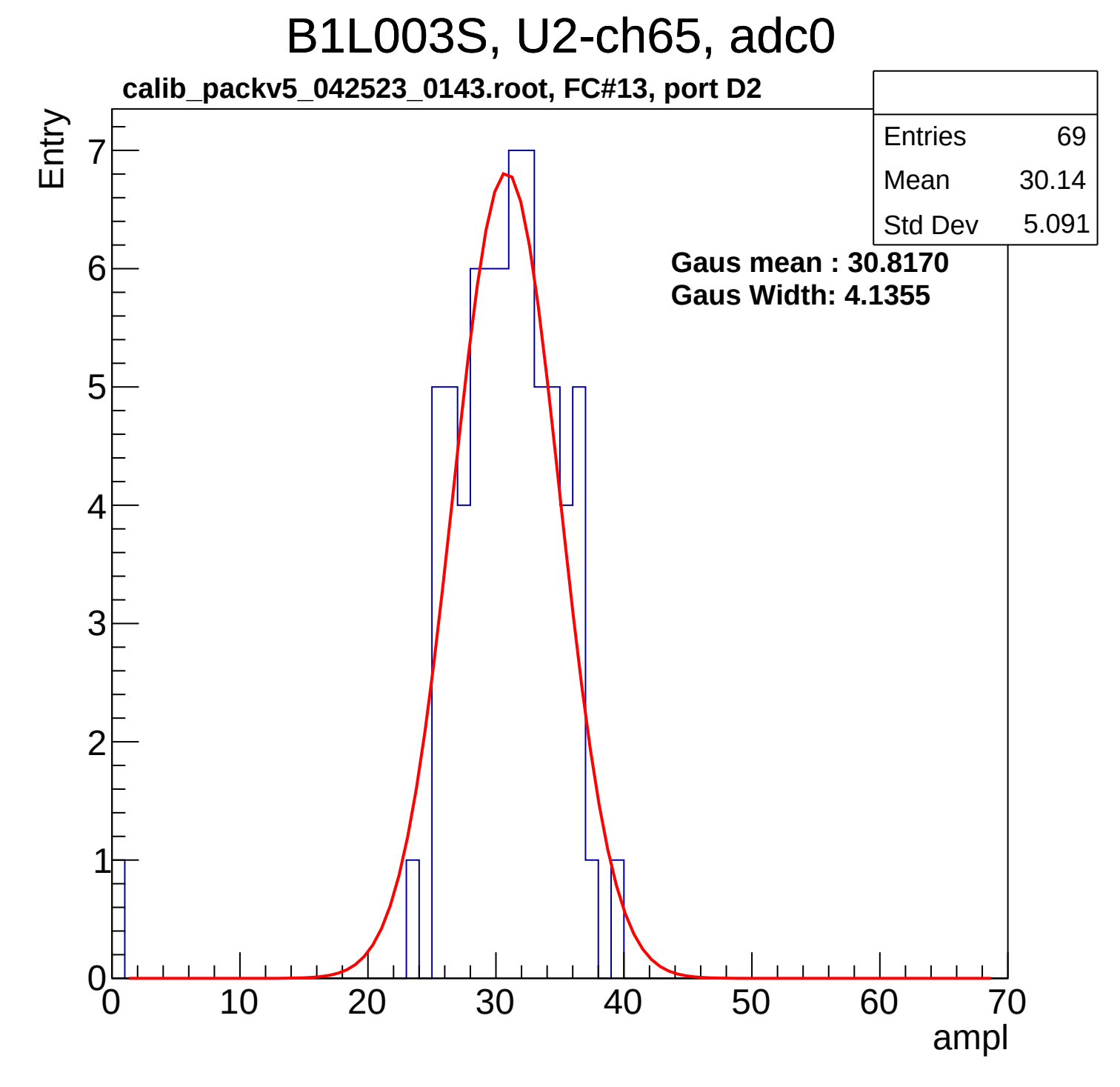
B1L003S, U2-ch65, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 30.14
Std Dev 5.091
Gaus mean : 30.8170
Gaus Width: 4.1355
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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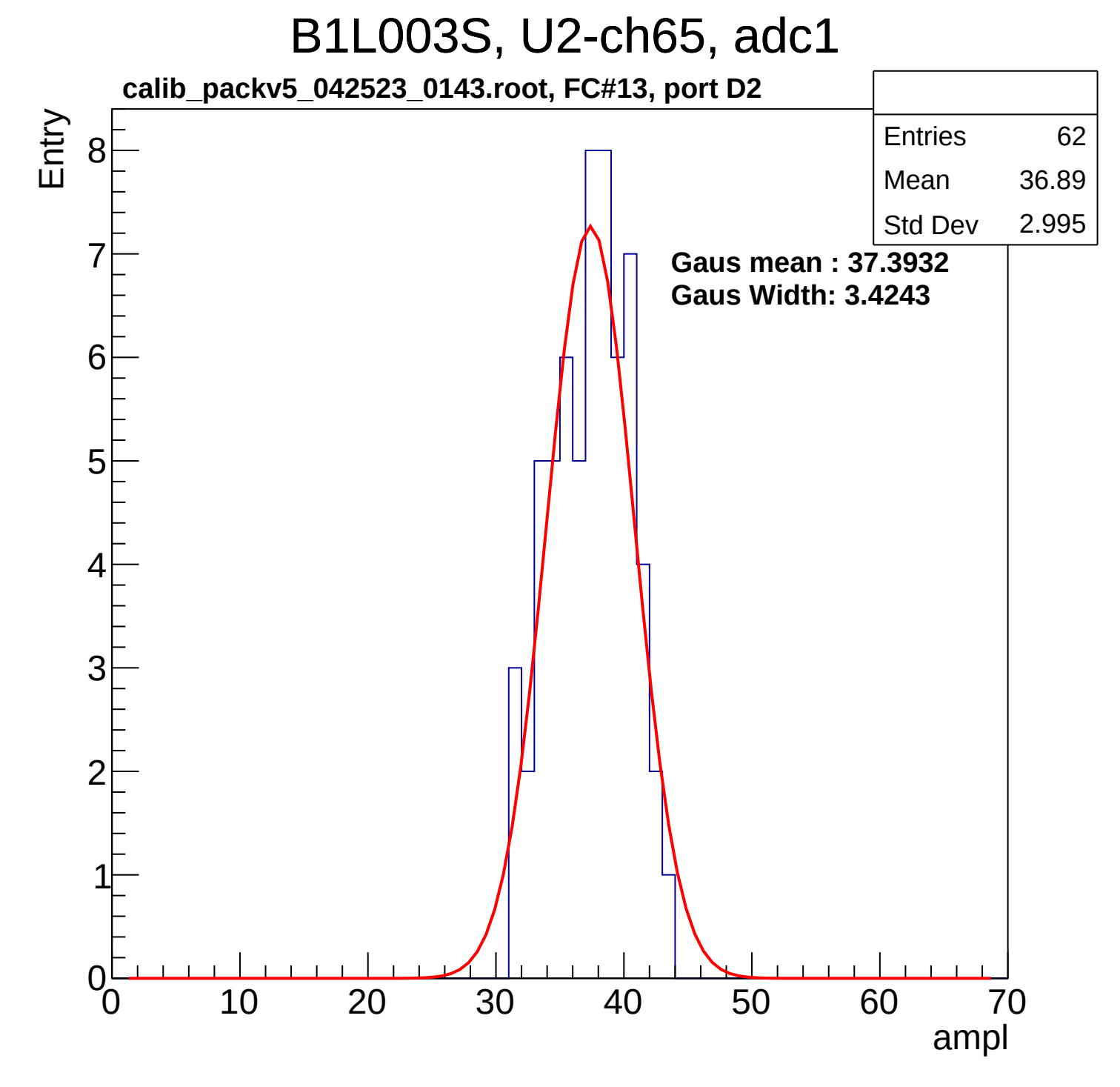
B1L003S, U2-ch65, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 36.89
Std Dev 2.995
Gaus mean : 37.3932
Gaus Width: 3.4243
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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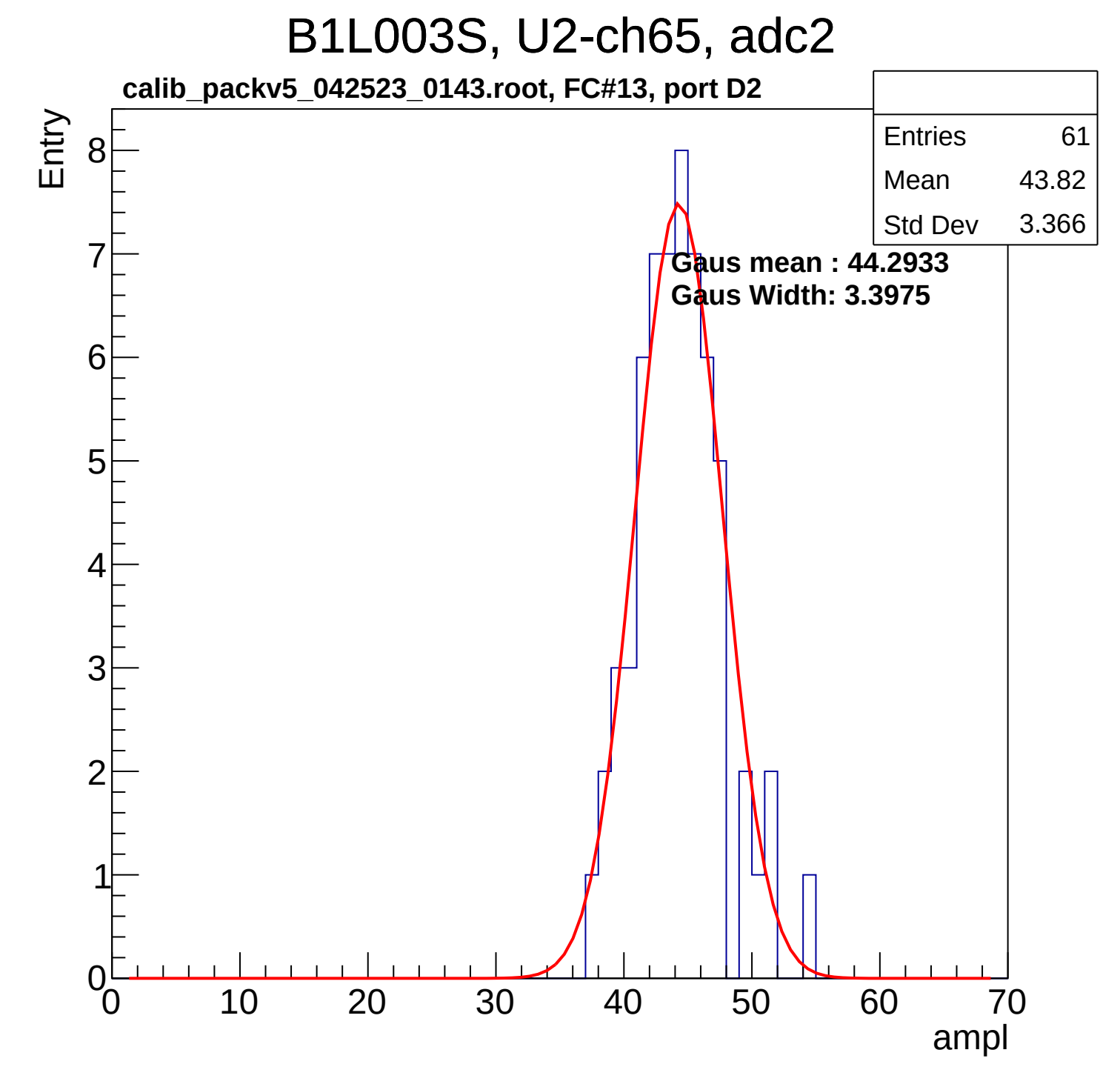
B1L003S, U2-ch65, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 43.82
Std Dev 3.366
Gaus mean : 44.2933
Gaus Width: 3.3975
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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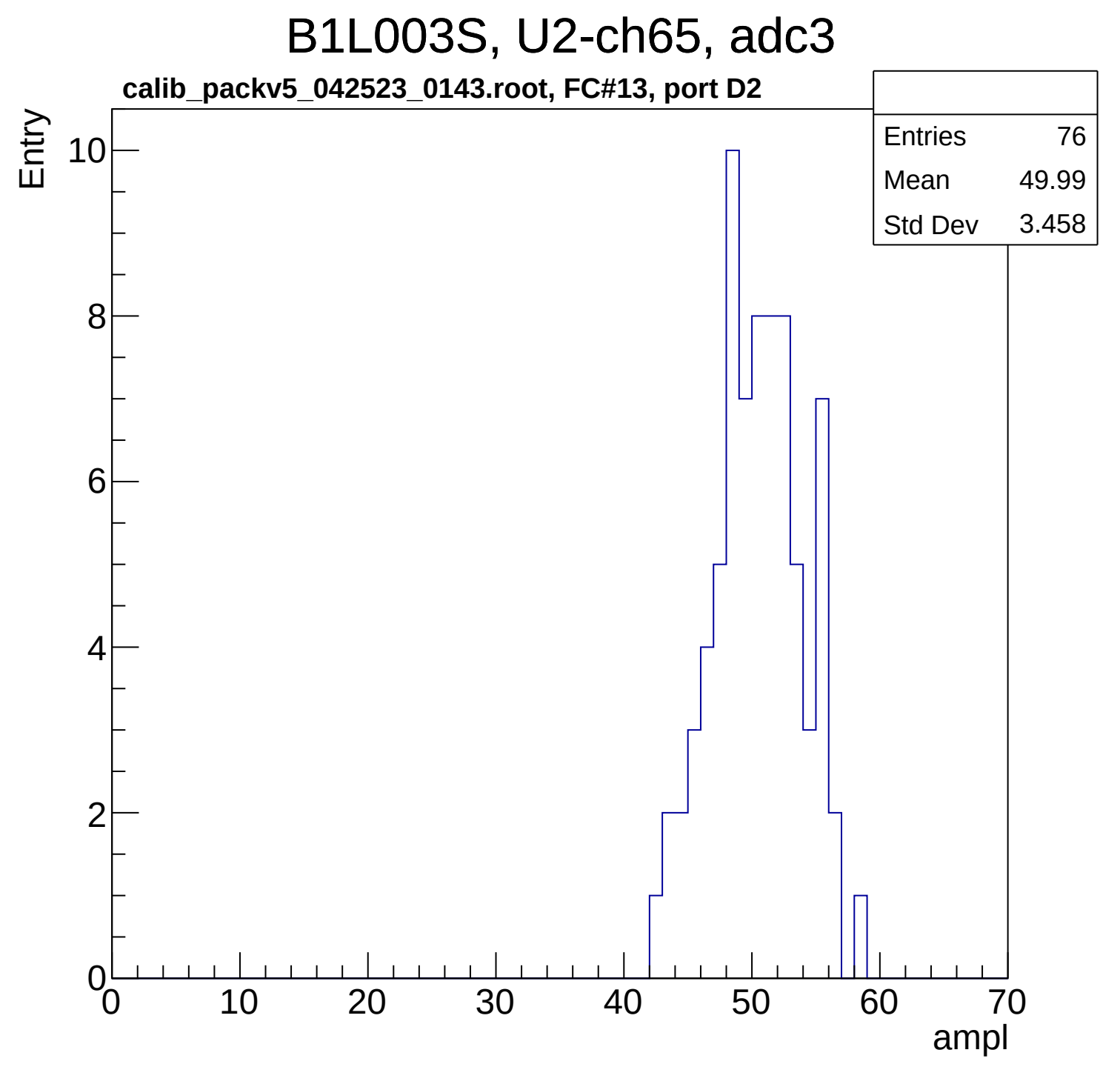
B1L003S, U2-ch65, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 49.99
Std Dev 3.458
Entry
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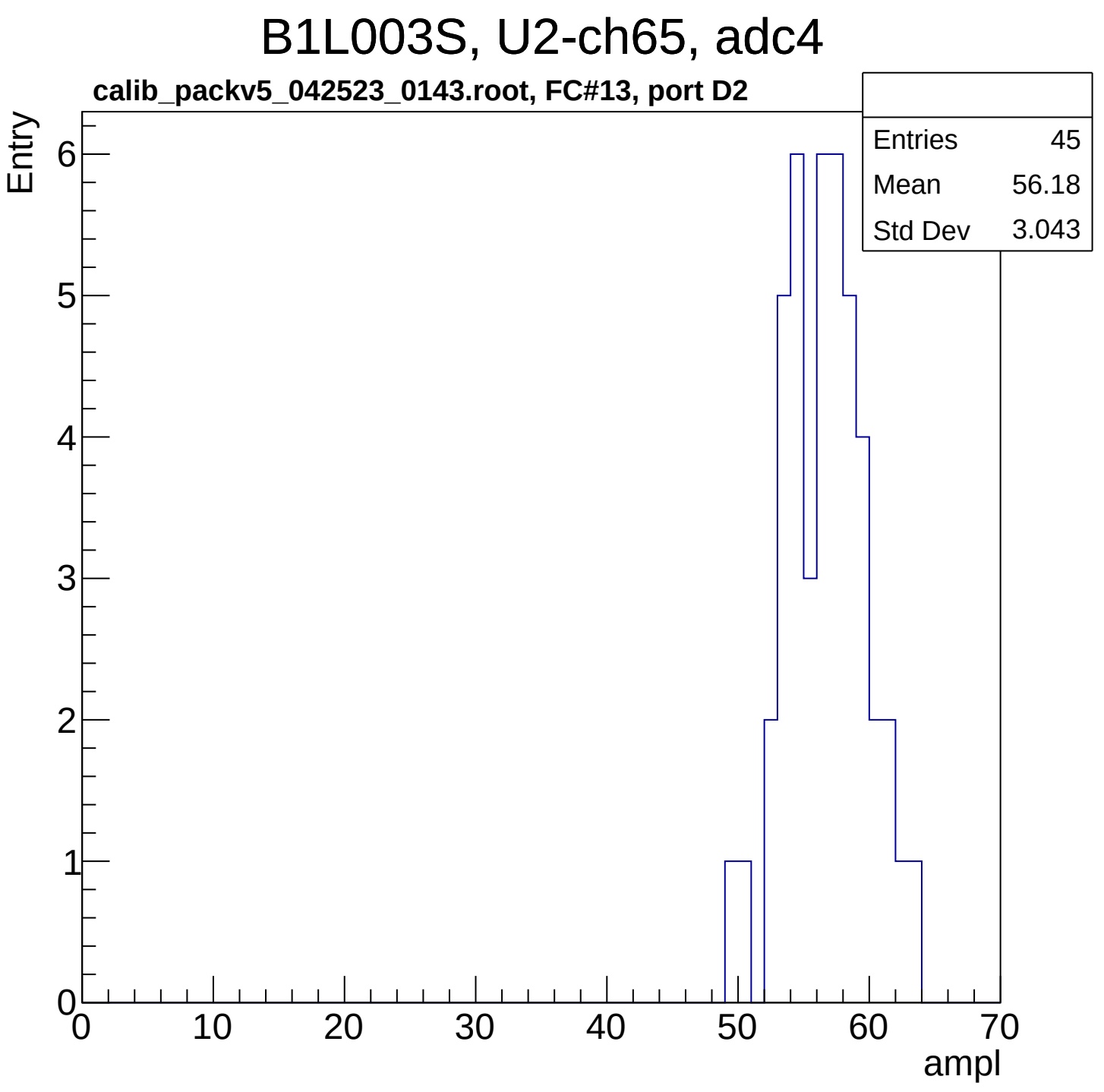
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch65, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 56.18
Std Dev 3.043
Entry
ampl
0
1
2
3
4
5
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0
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60
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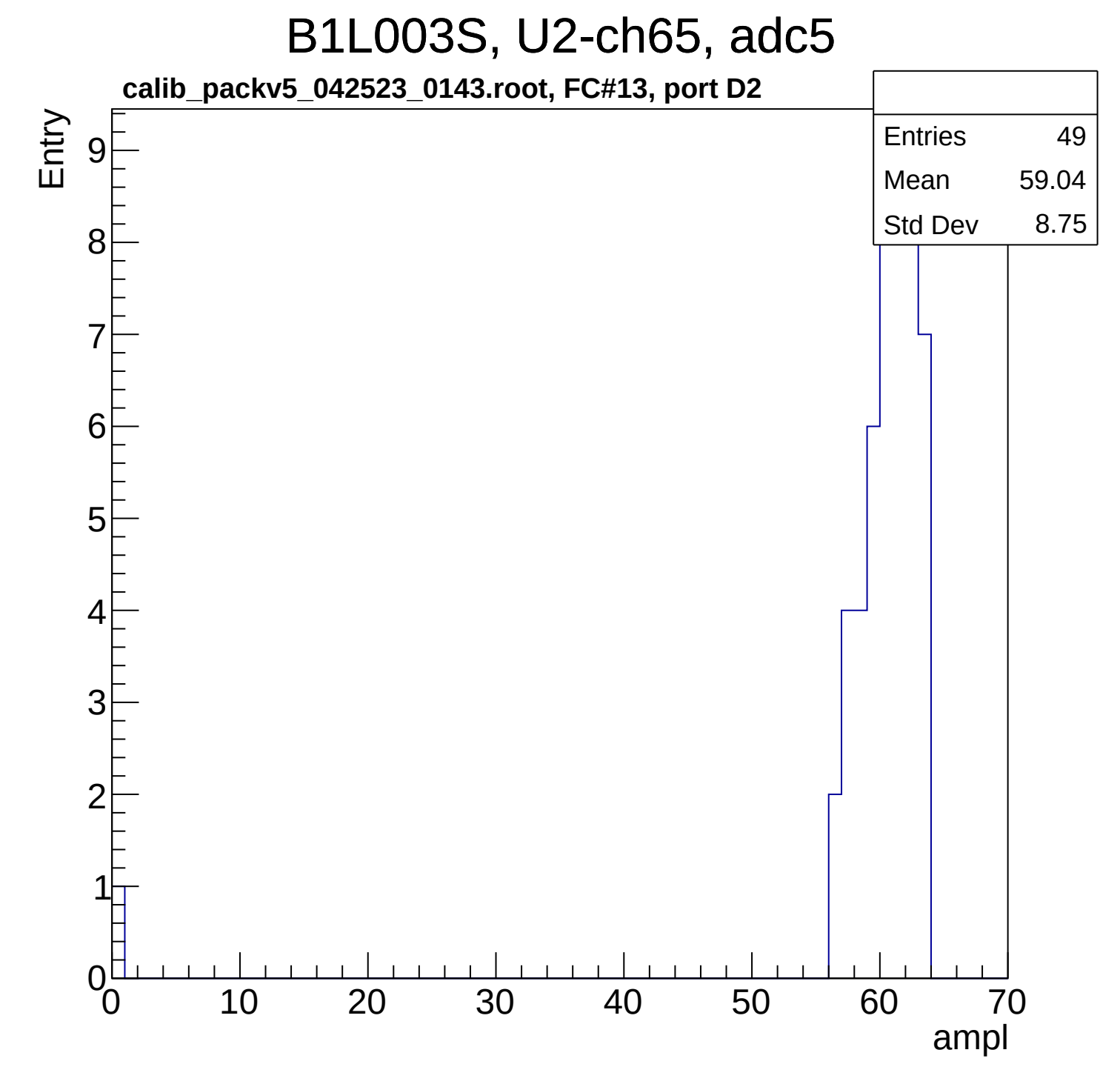
B1L003S, U2-ch65, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 59.04
Std Dev 8.75
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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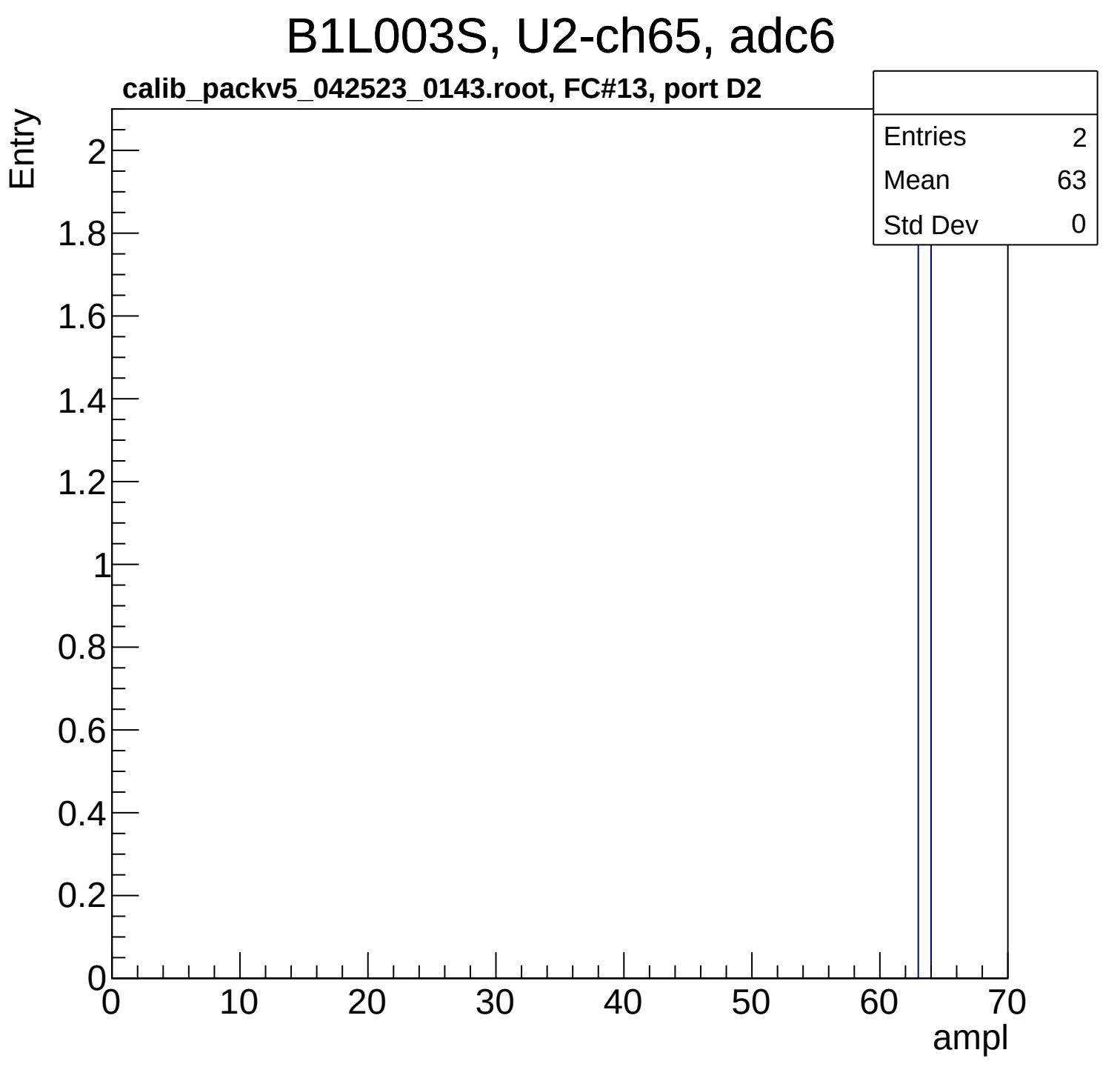
B1L003S, U2-ch65, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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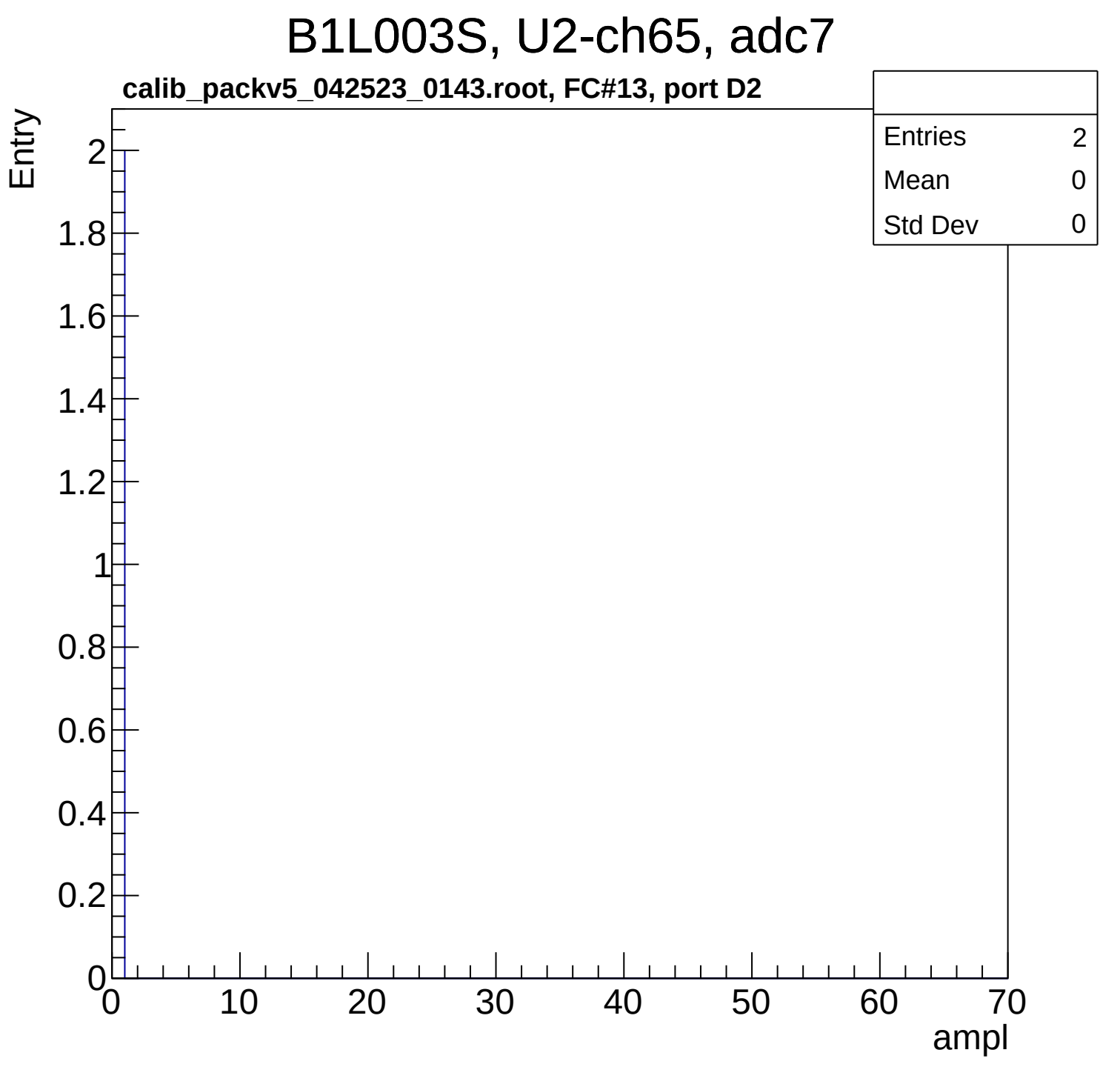
B1L003S, U2-ch65, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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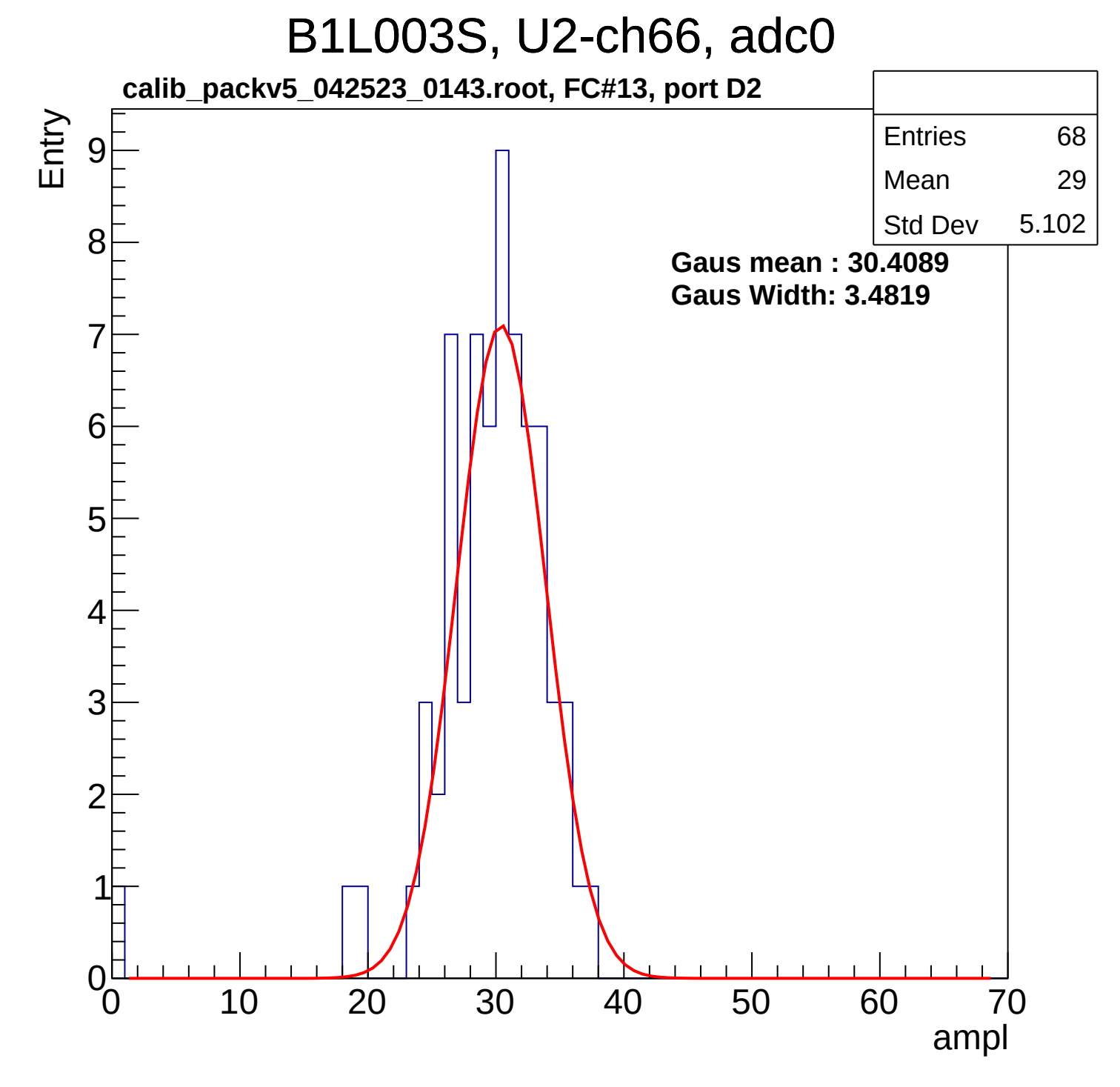
B1L003S, U2-ch66, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 29
Std Dev 5.102
Gaus mean : 30.4089
Gaus Width: 3.4819
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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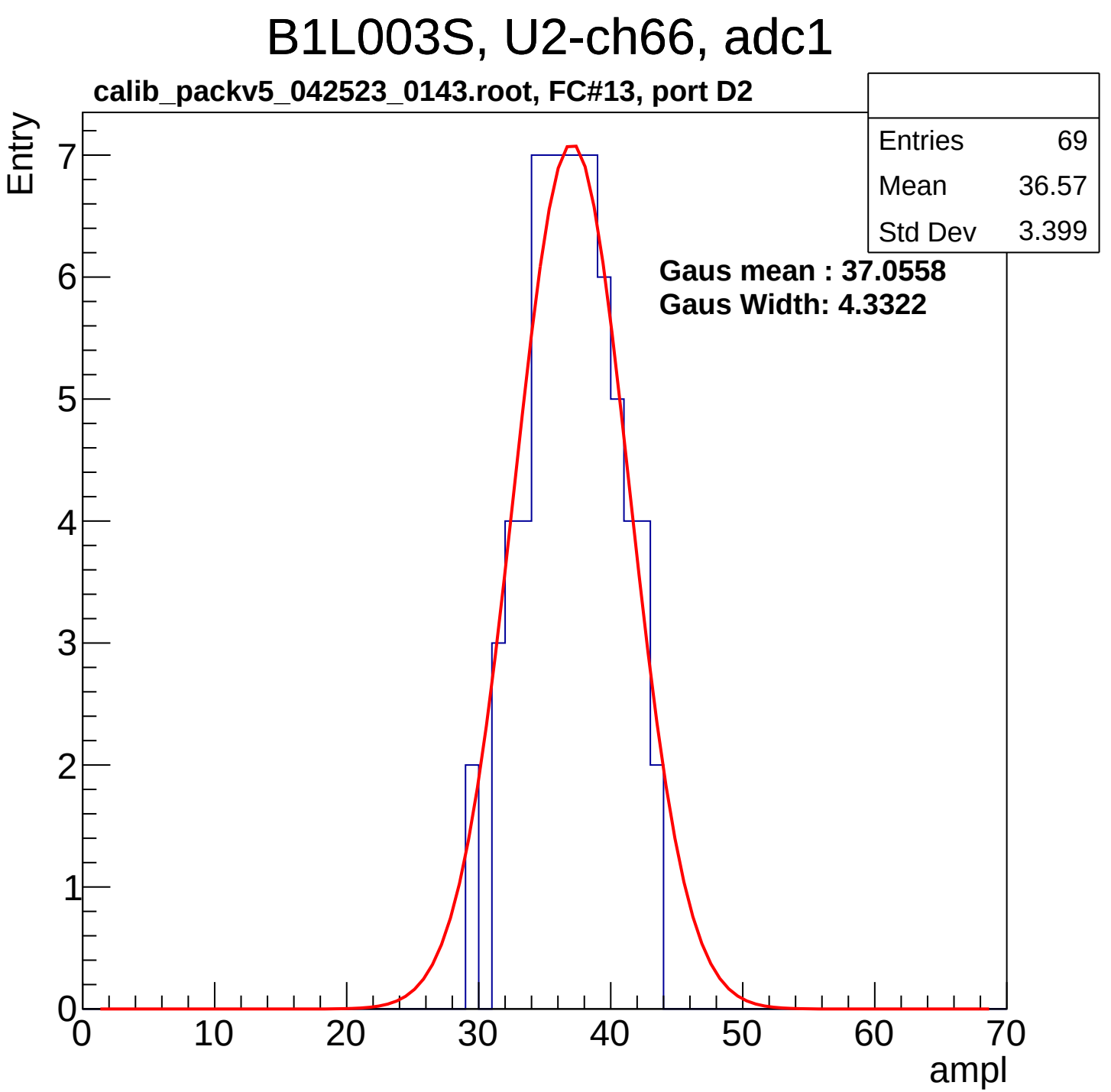
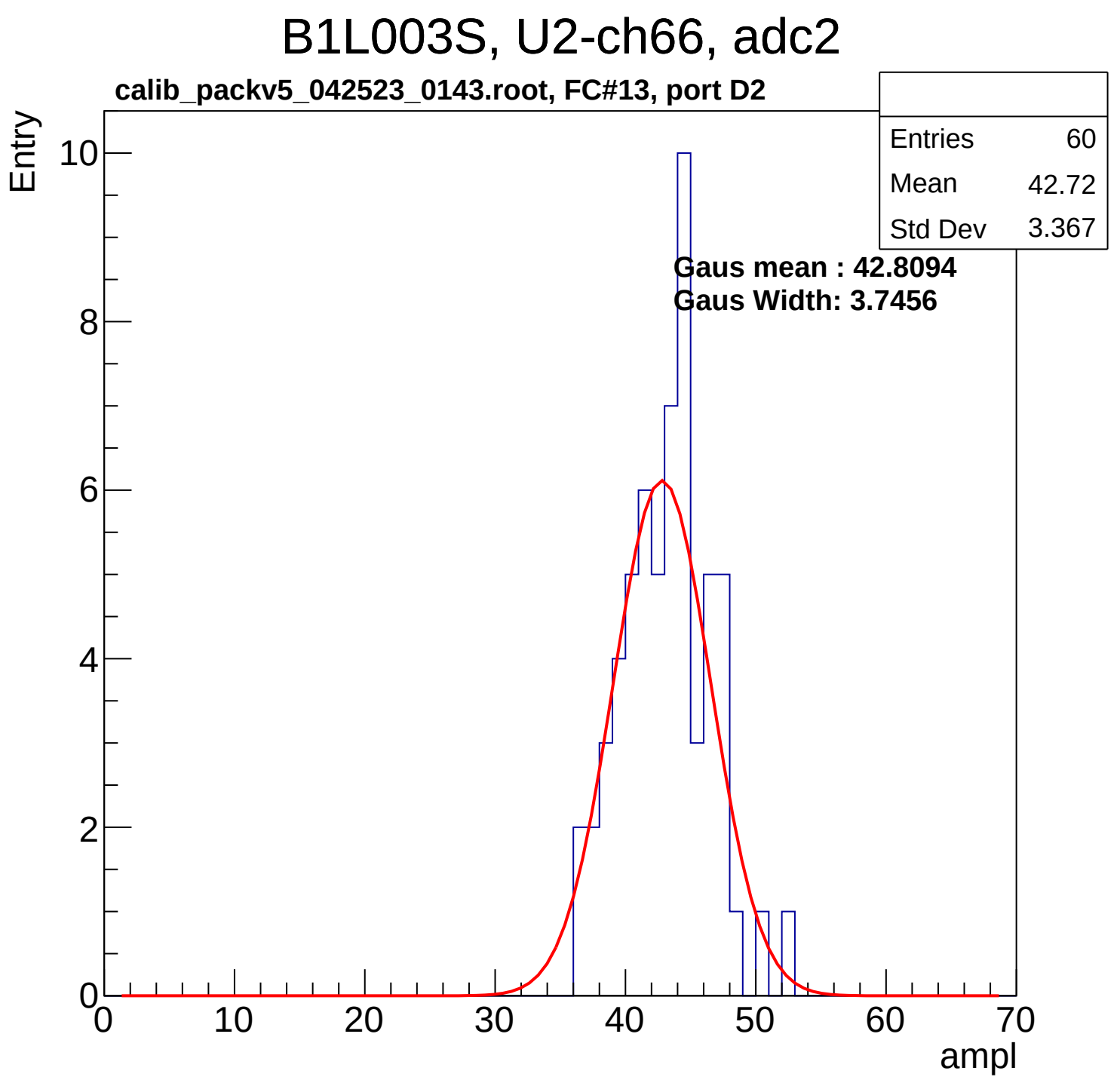

B1L003S, U2-ch66, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 36.57
Std Dev 3.399
Gaus mean : 37.0558
Gaus Width: 4.3322
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U2-ch66, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 42.72
Std Dev 3.367
Gaus mean : 42.8094
Gaus Width: 3.7456
Entry
ampl
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2
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6
8
10
0
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40
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60
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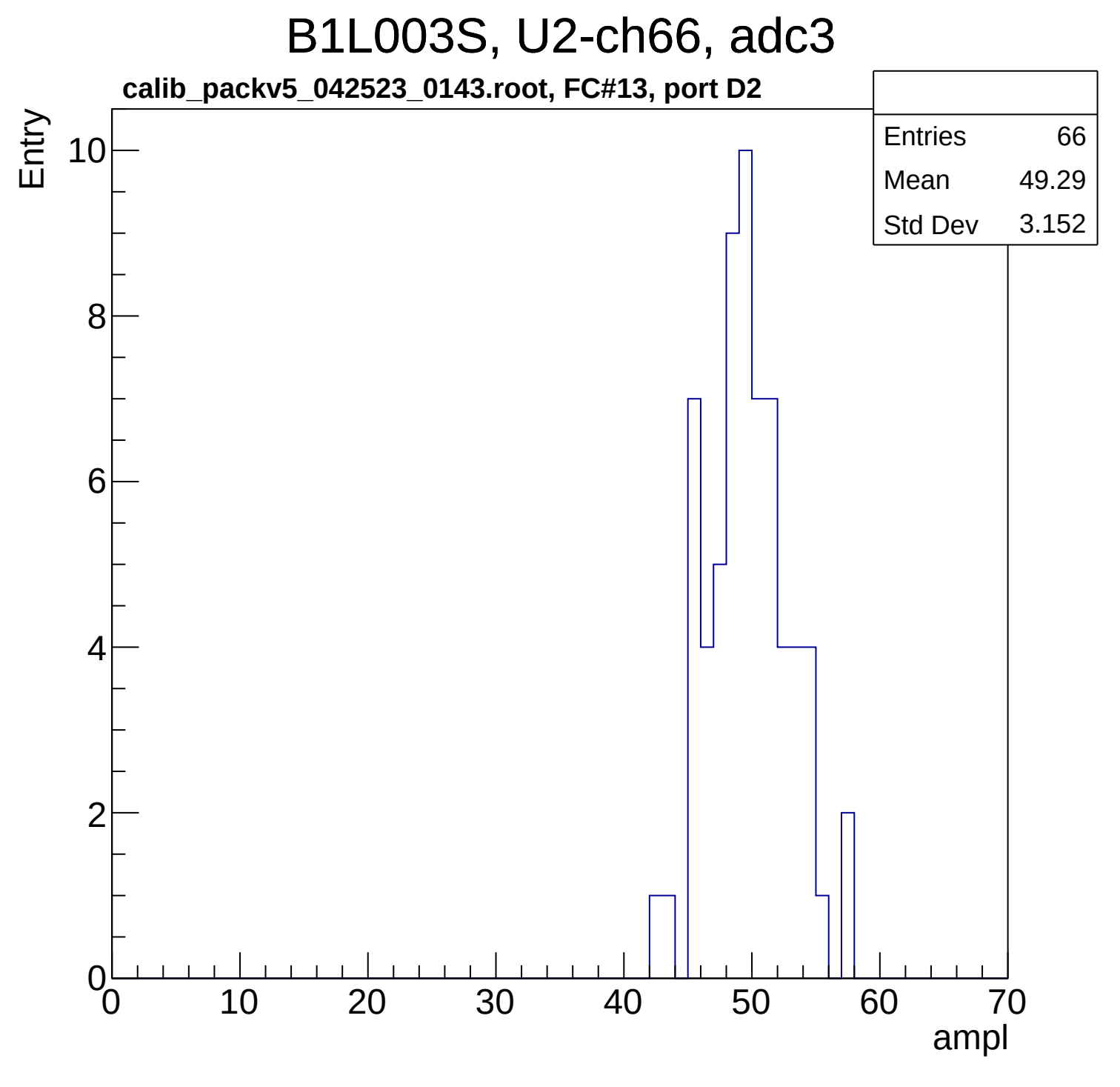
B1L003S, U2-ch66, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 49.29
Std Dev 3.152
Entry
ampl
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0
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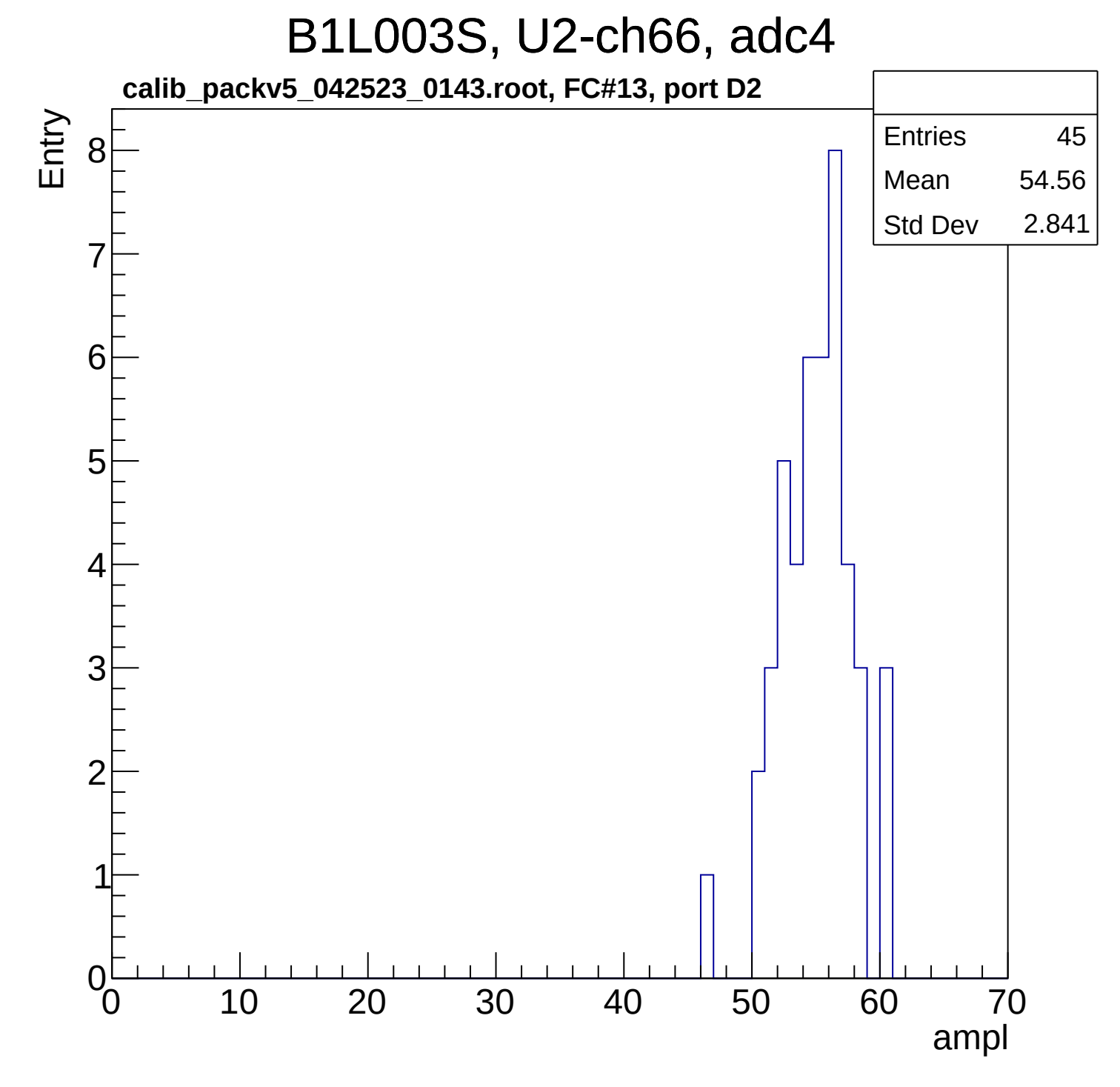
B1L003S, U2-ch66, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 54.56
Std Dev 2.841
Entry
ampl
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4
5
6
7
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0
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60
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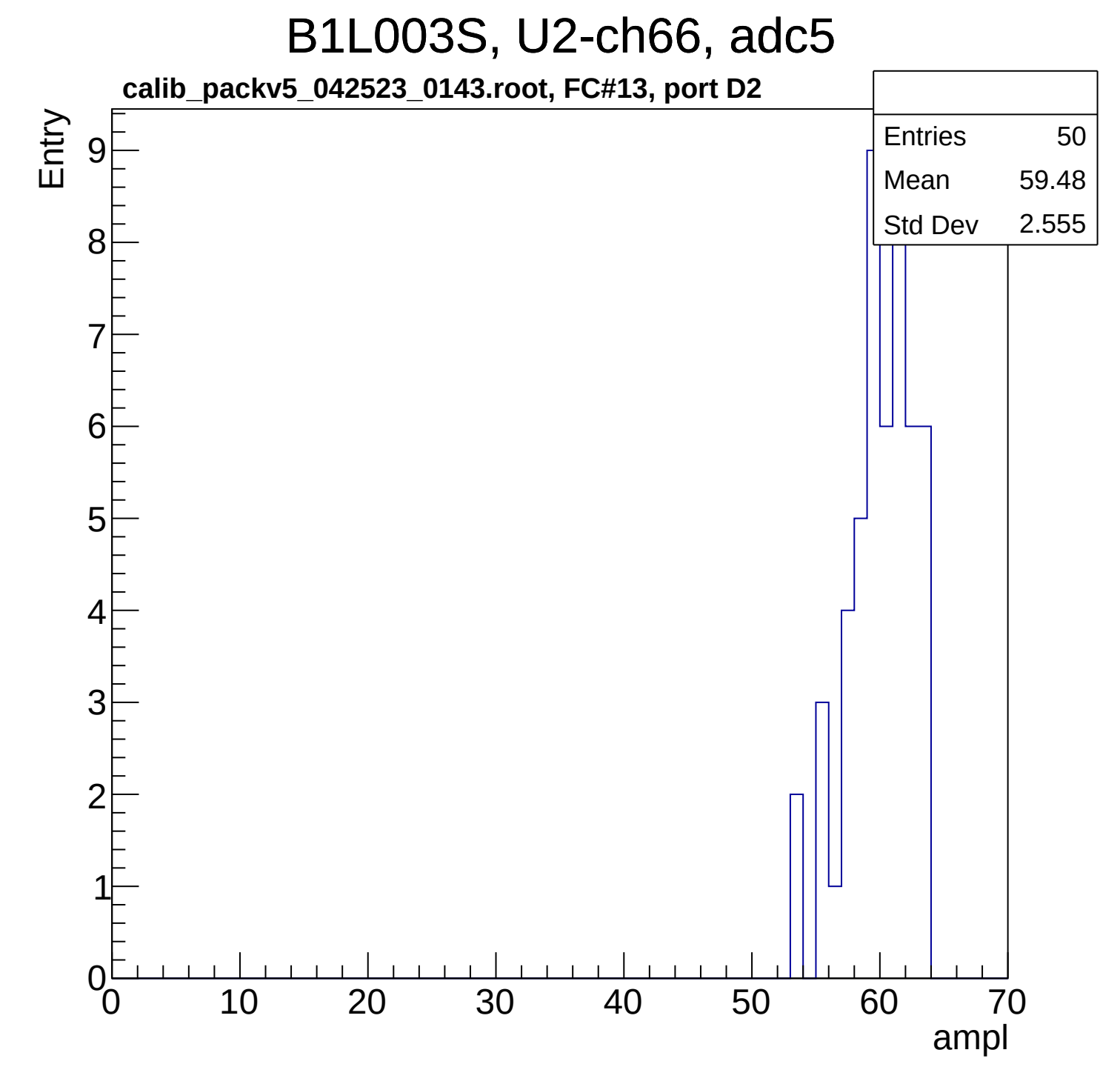
B1L003S, U2-ch66, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 59.48
Std Dev 2.555
Entry
ampl
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0
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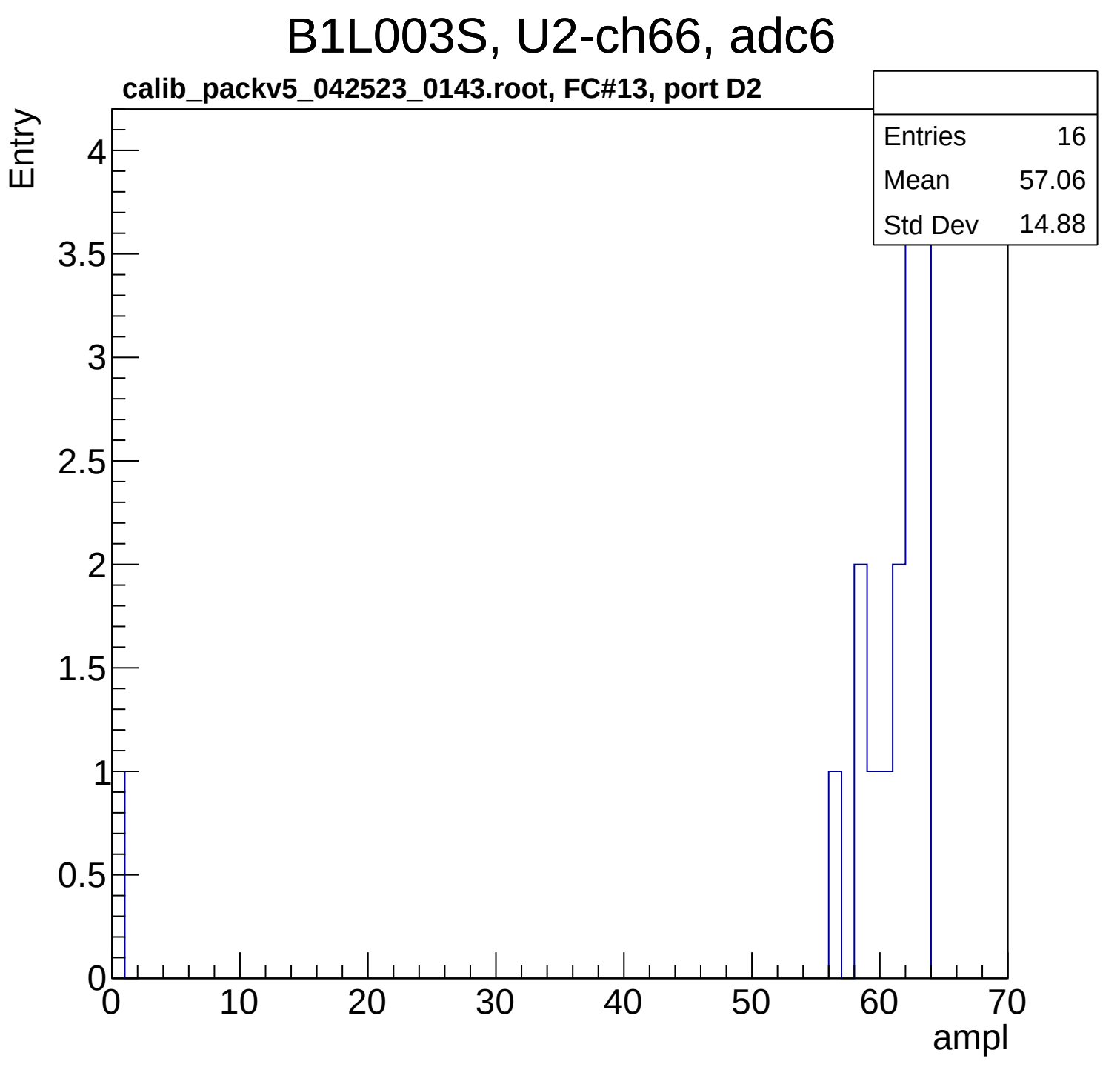
B1L003S, U2-ch66, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 16
Mean 57.06
Std Dev 14.88
Entry
ampl
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1.5
2
2.5
3
3.5
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0
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60
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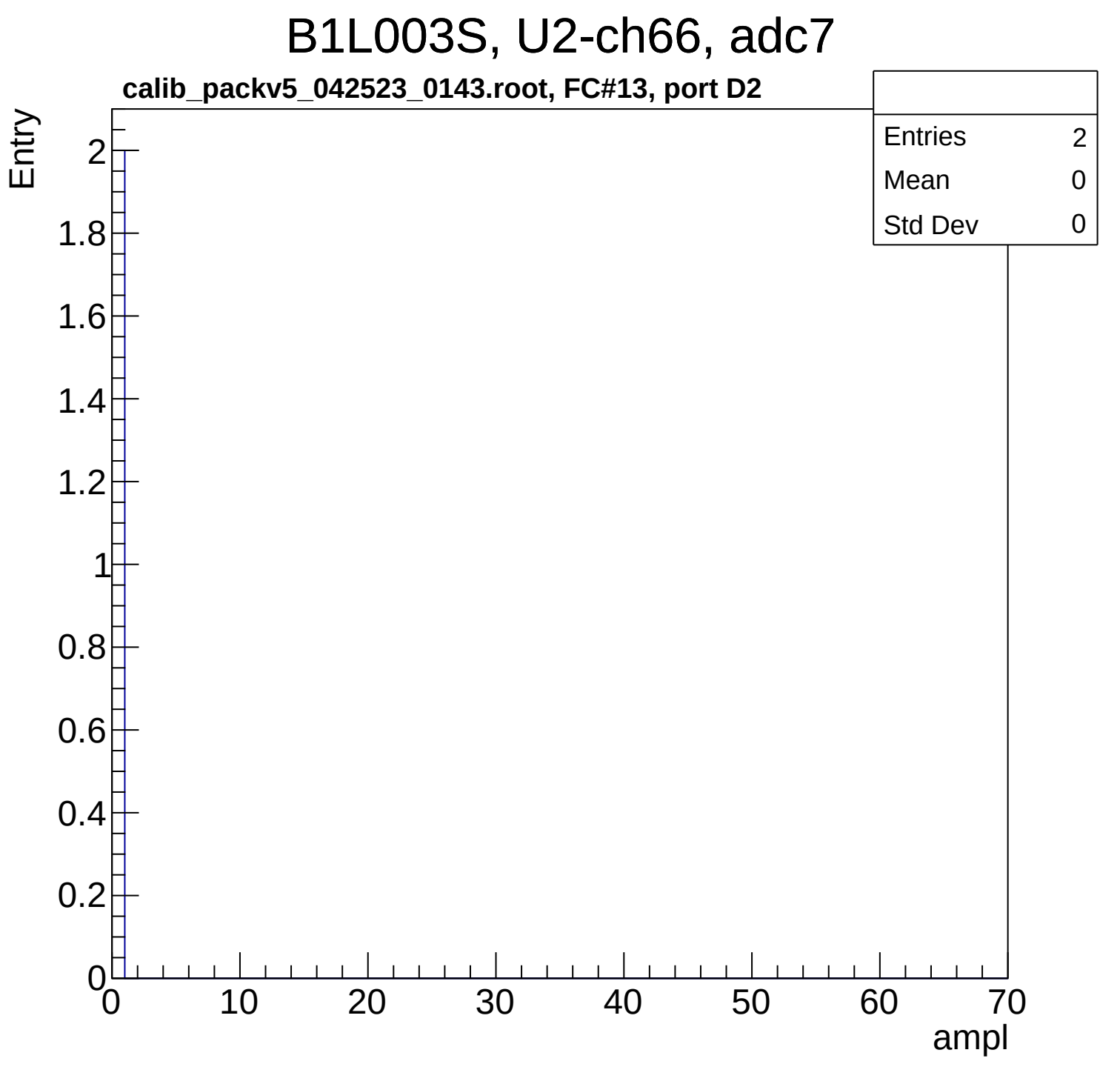
B1L003S, U2-ch66, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
10
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40
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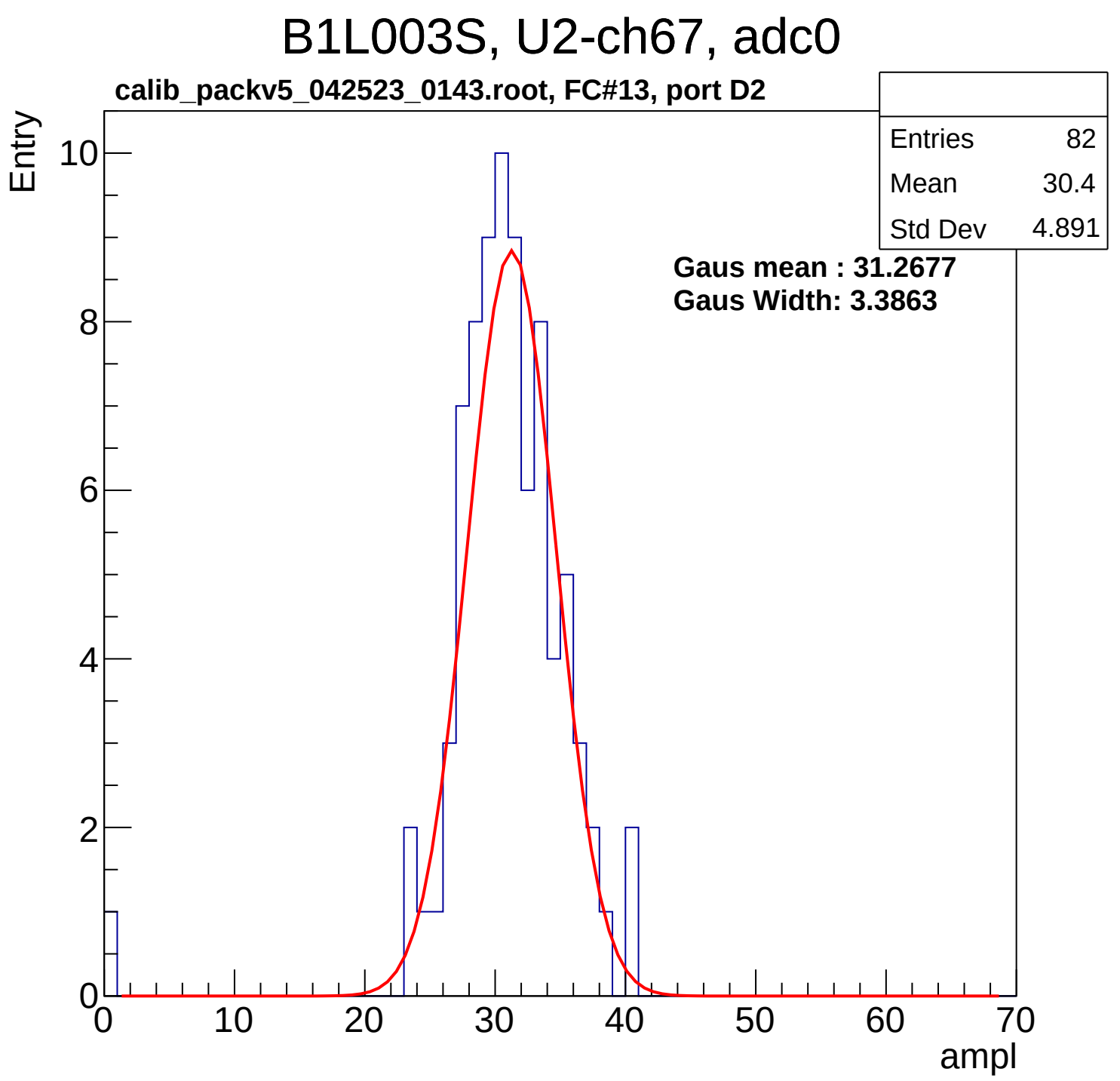
B1L003S, U2-ch67, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 30.4
Std Dev 4.891
Gaus mean : 31.2677
Gaus Width: 3.3863
Entry
ampl
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4
6
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0
10
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40
50
60
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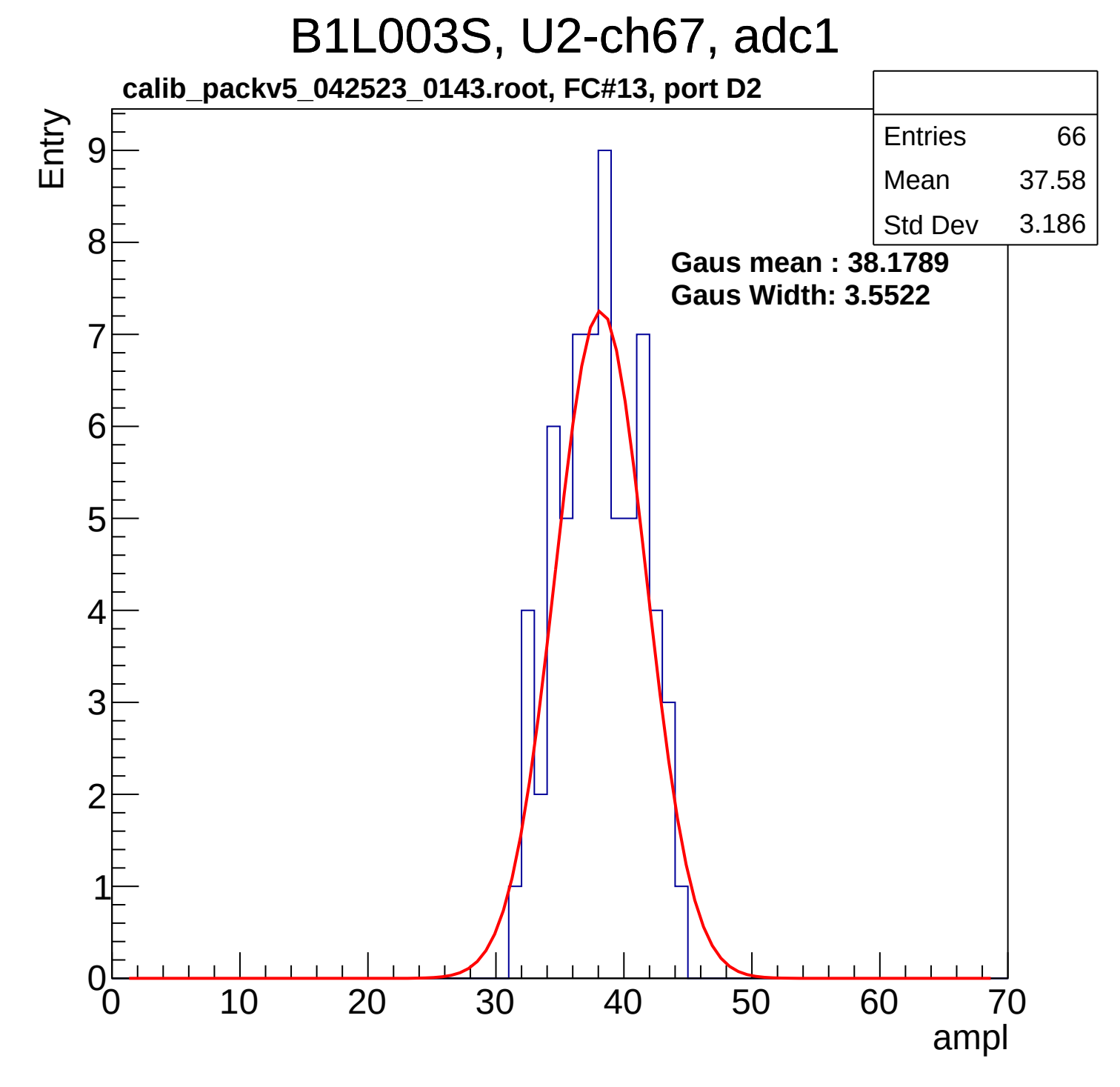
B1L003S, U2-ch67, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 37.58
Std Dev 3.186
Gaus mean : 38.1789
Gaus Width: 3.5522
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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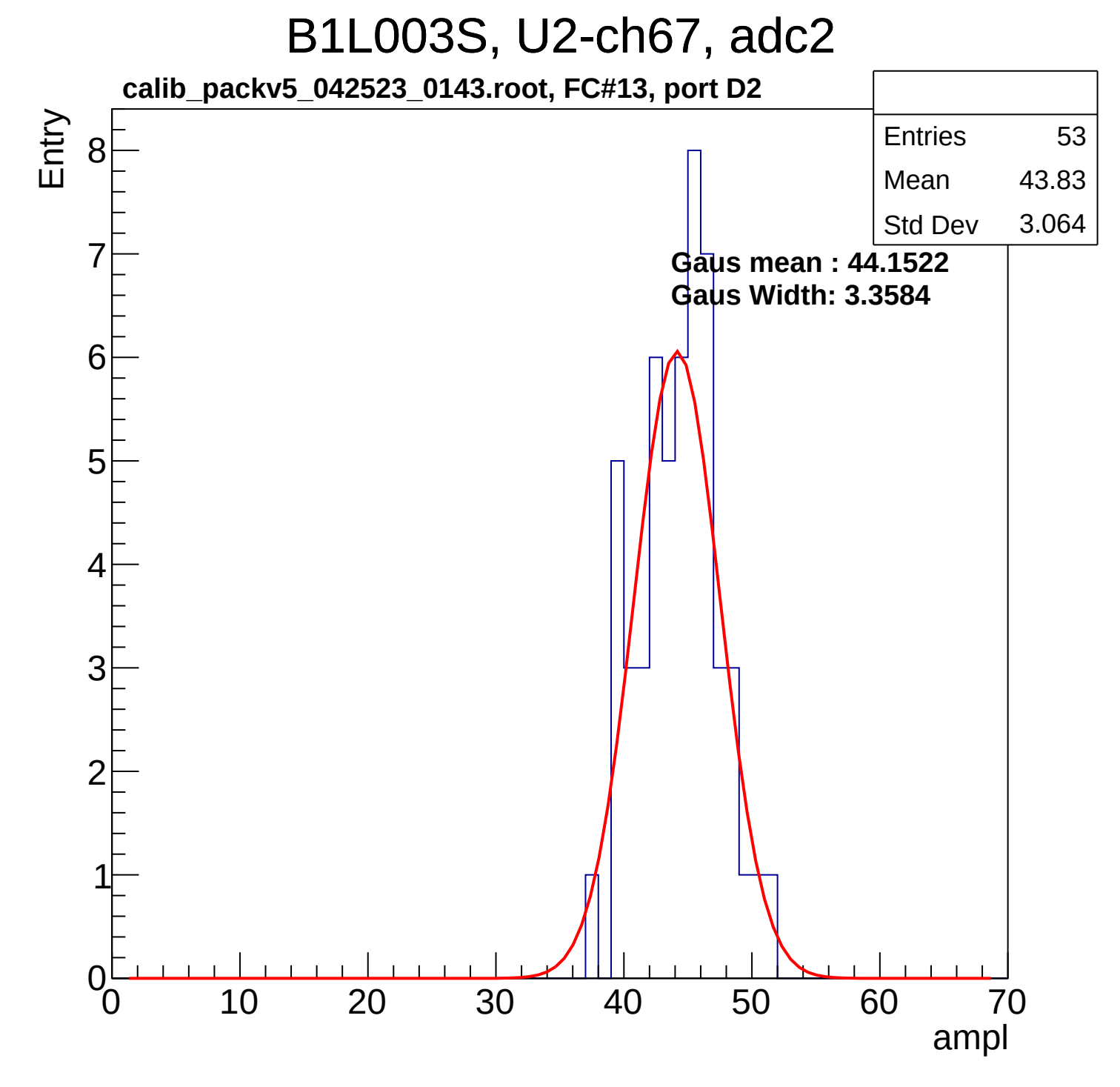
B1L003S, U2-ch67, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 43.83
Std Dev 3.064
Gaus mean : 44.1522
Gaus Width: 3.3584
Entry
ampl
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1
2
3
4
5
6
7
8
0
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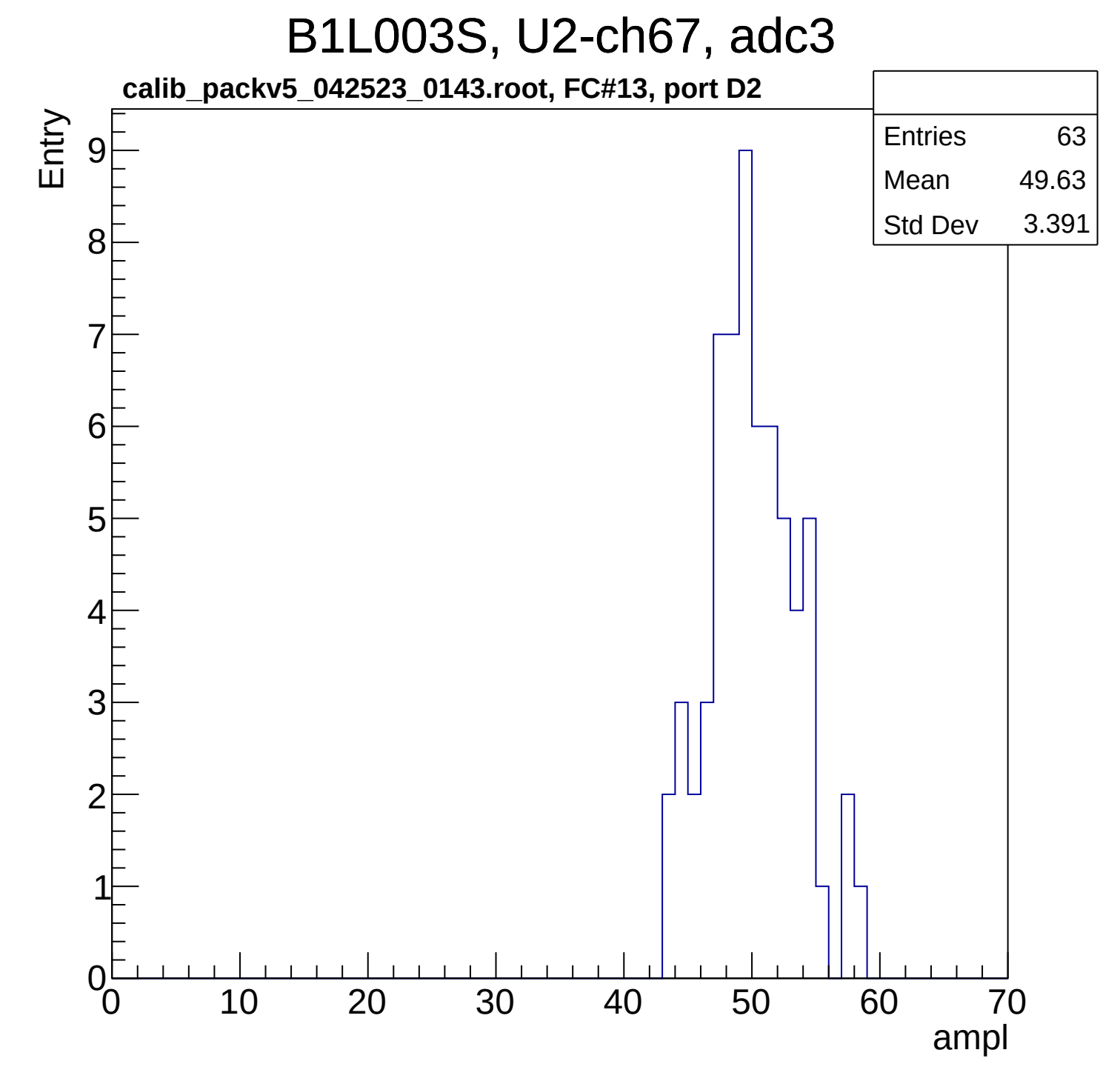
B1L003S, U2-ch67, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 49.63
Std Dev 3.391
Entry
ampl
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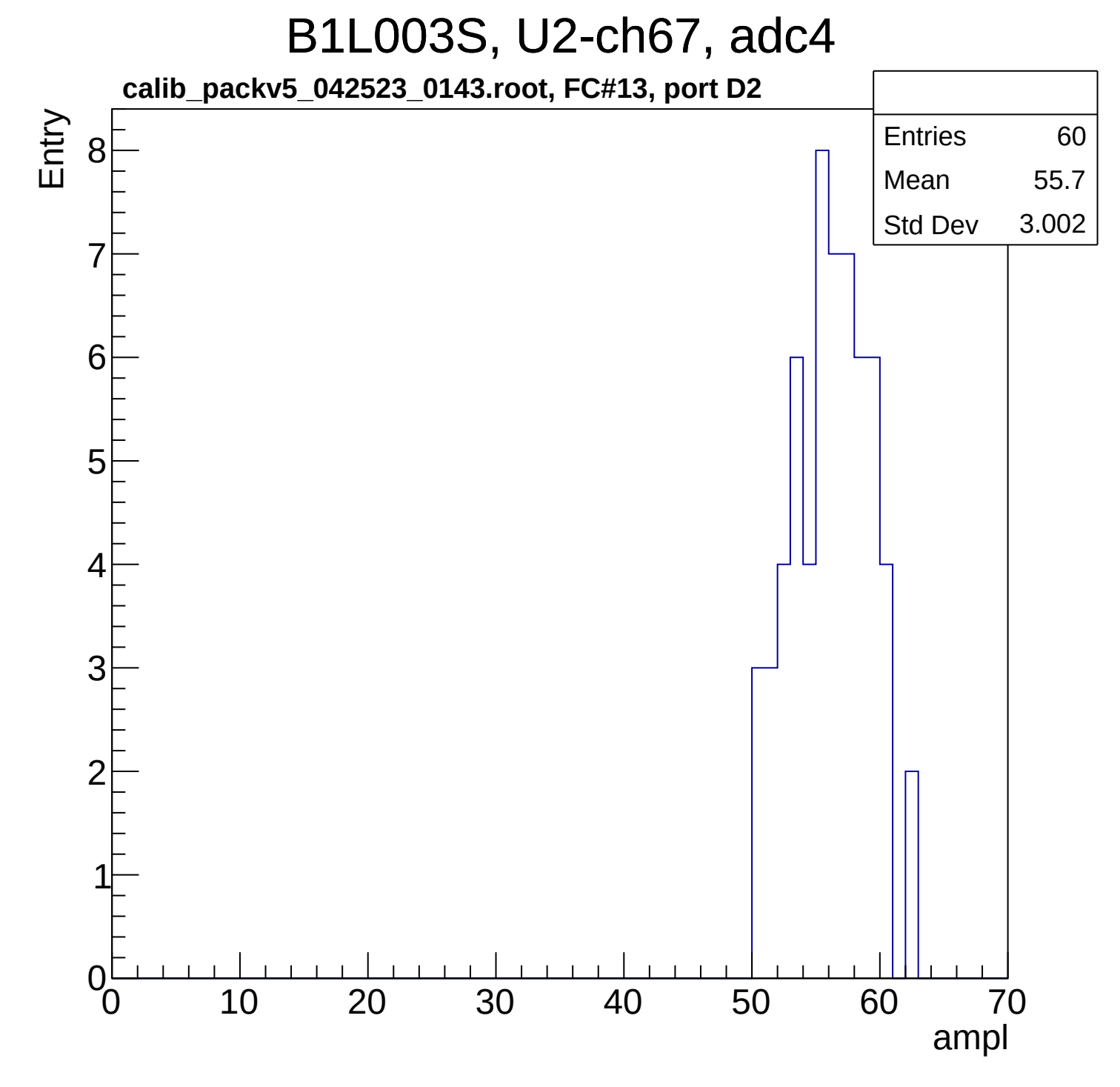
B1L003S, U2-ch67, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 55.7
Std Dev 3.002
Entry
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3
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7
8
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10
20
30
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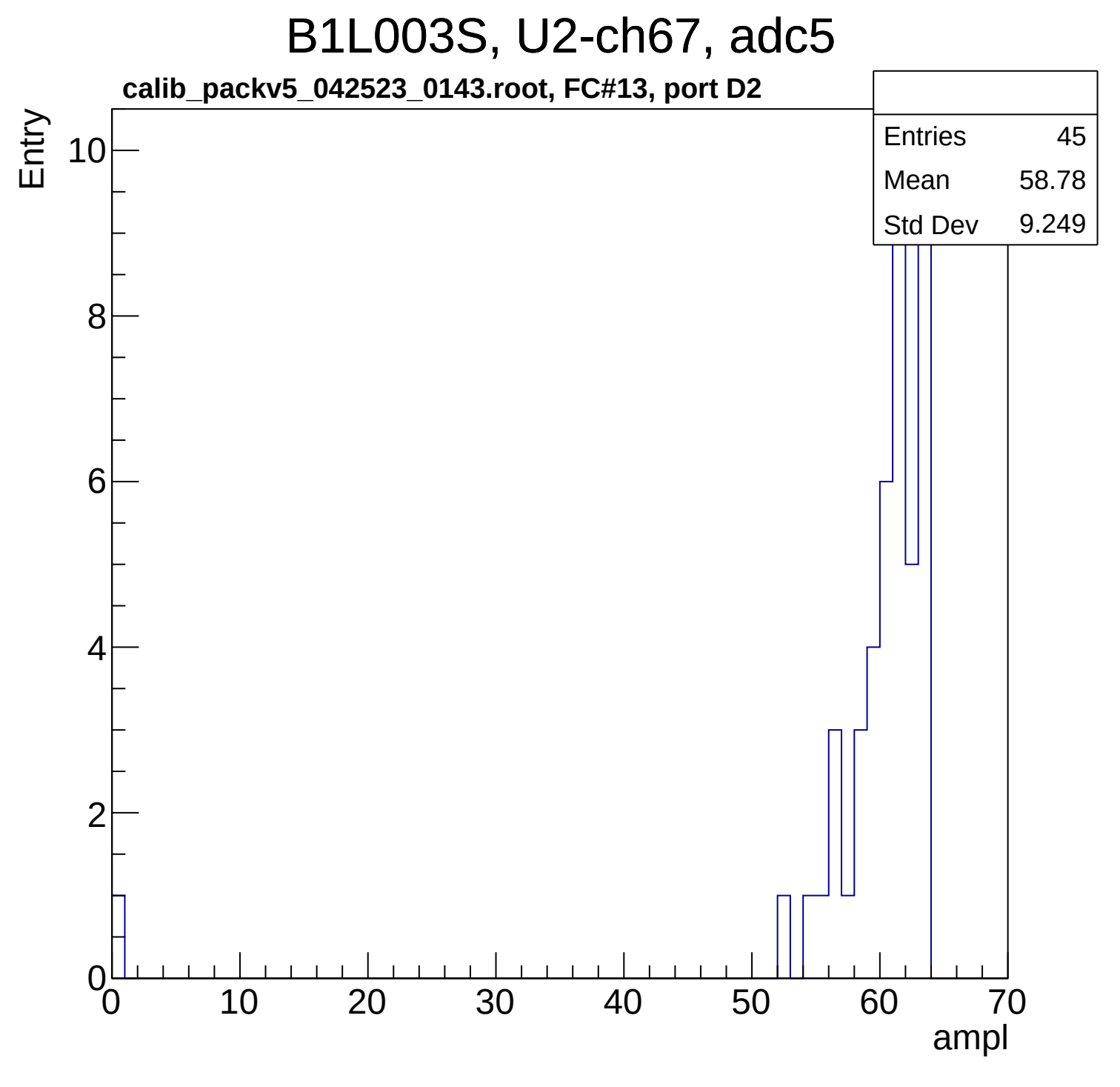
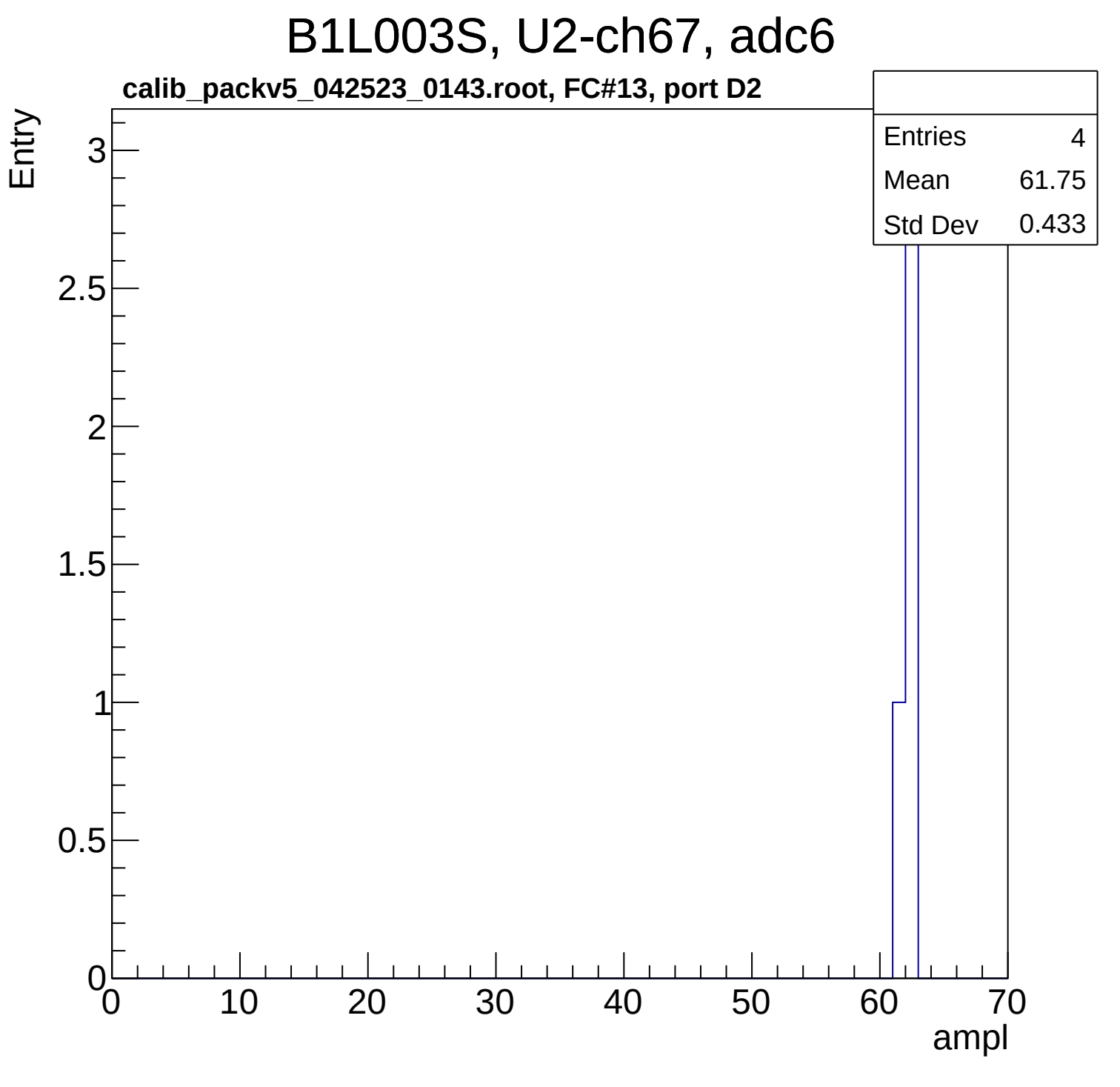
50
60
70
ampl


B1L003S, U2-ch67, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.78
Std Dev 9.249
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch67, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.75
Std Dev 0.433
Entry
ampl
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0.5
1
1.5
2
2.5
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0
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40
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60
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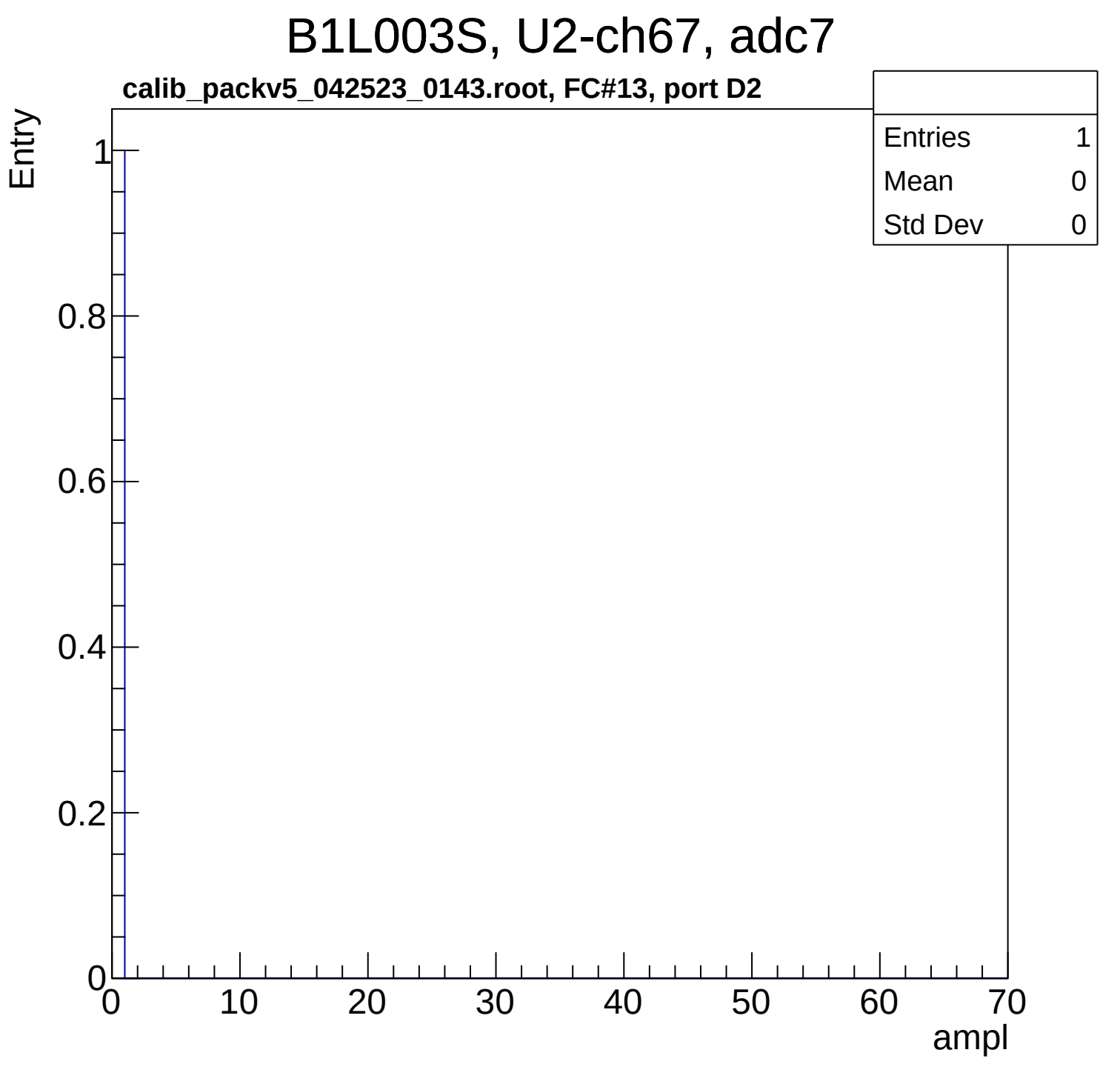
B1L003S, U2-ch67, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
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0.6
0.4
0.2
0
0
10
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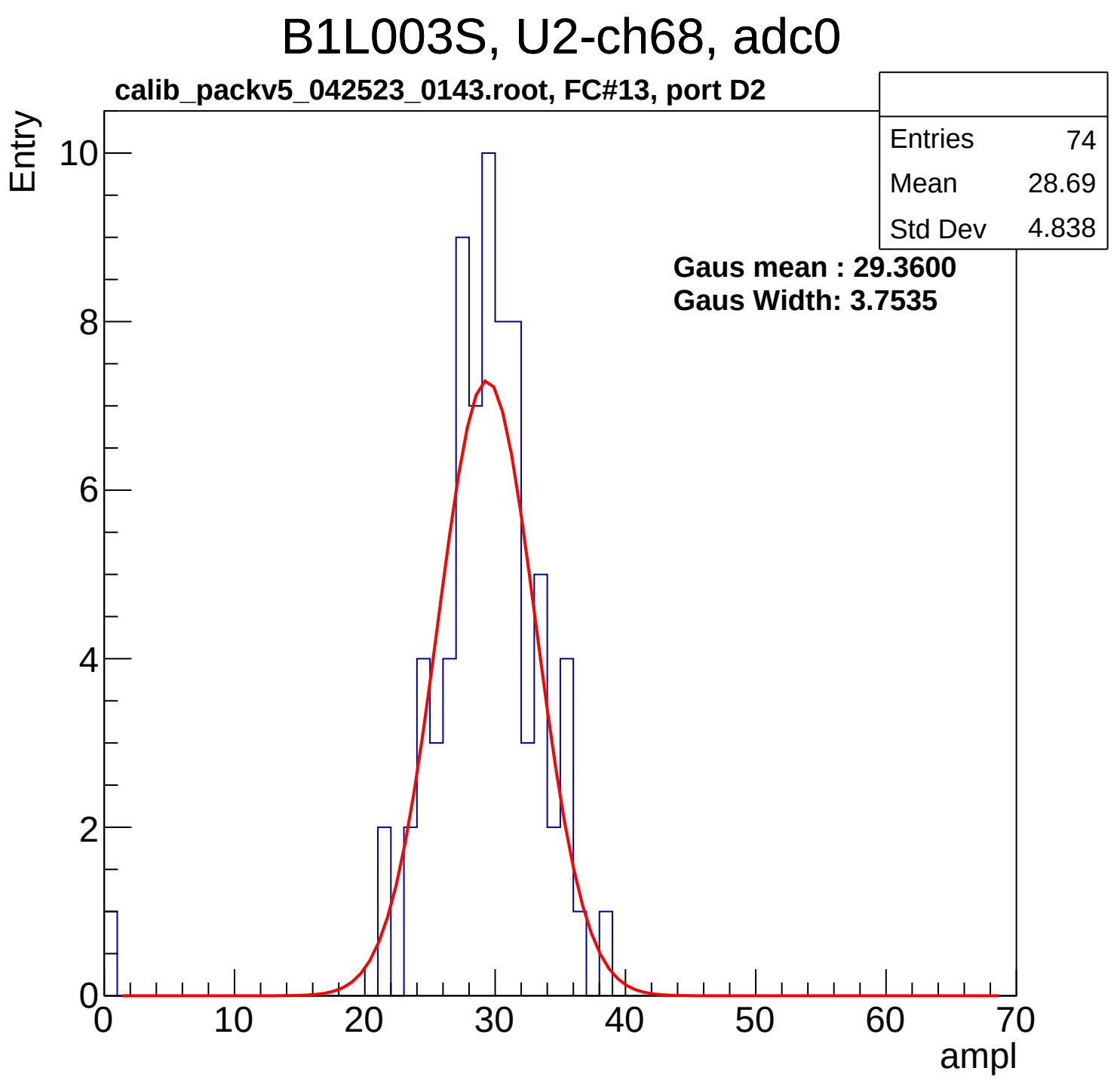
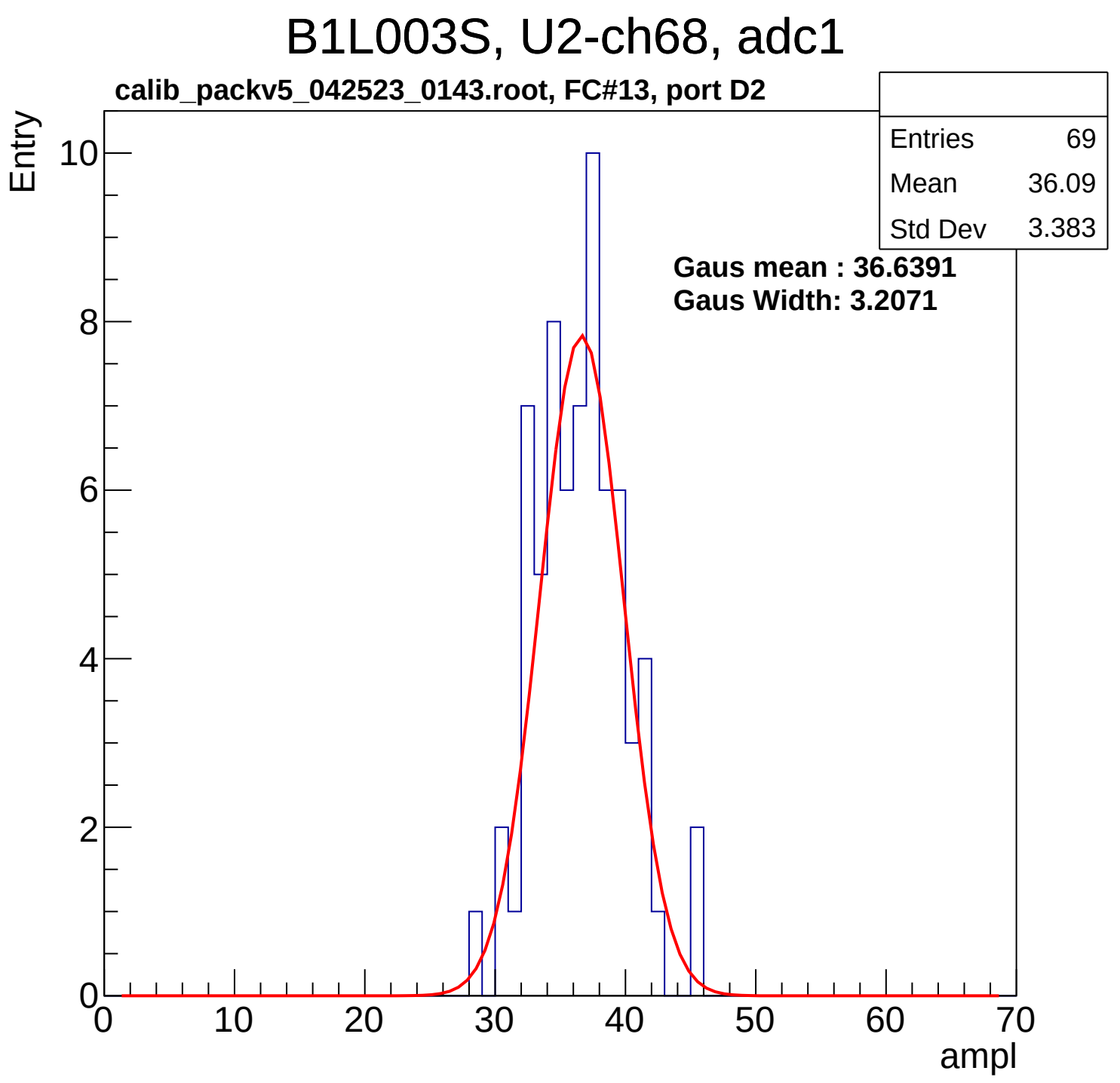
40
50
60
70
ampl


B1L003S, U2-ch68, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 28.69
Std Dev 4.838
Gaus mean : 29.3600
Gaus Width: 3.7535
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch68, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 36.09
Std Dev 3.383
Gaus mean : 36.6391
Gaus Width: 3.2071
Entry
ampl
0
2
4
6
8
10
0
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30
40
50
60
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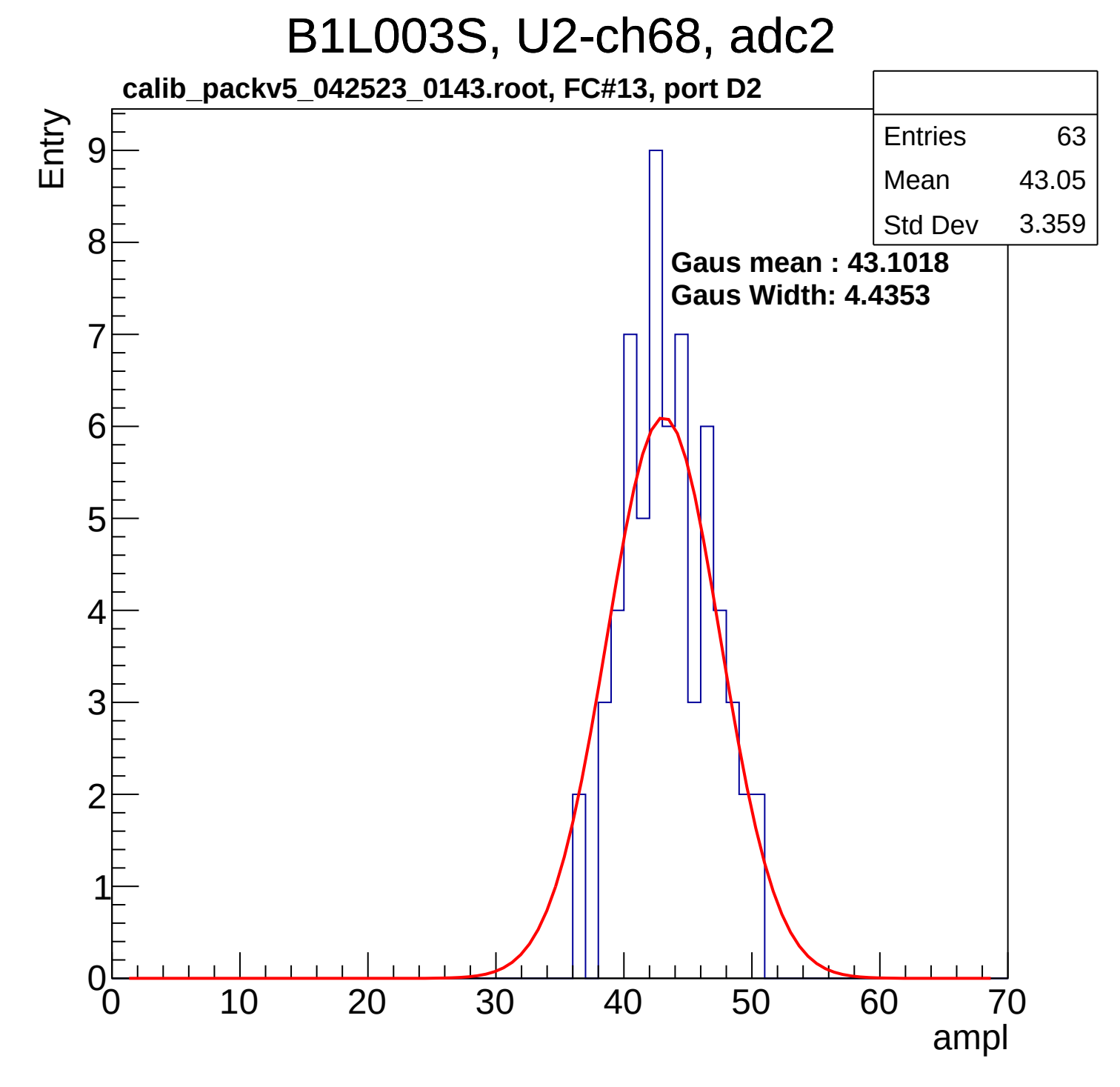
B1L003S, U2-ch68, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 43.05
Std Dev 3.359
Gaus mean : 43.1018
Gaus Width: 4.4353
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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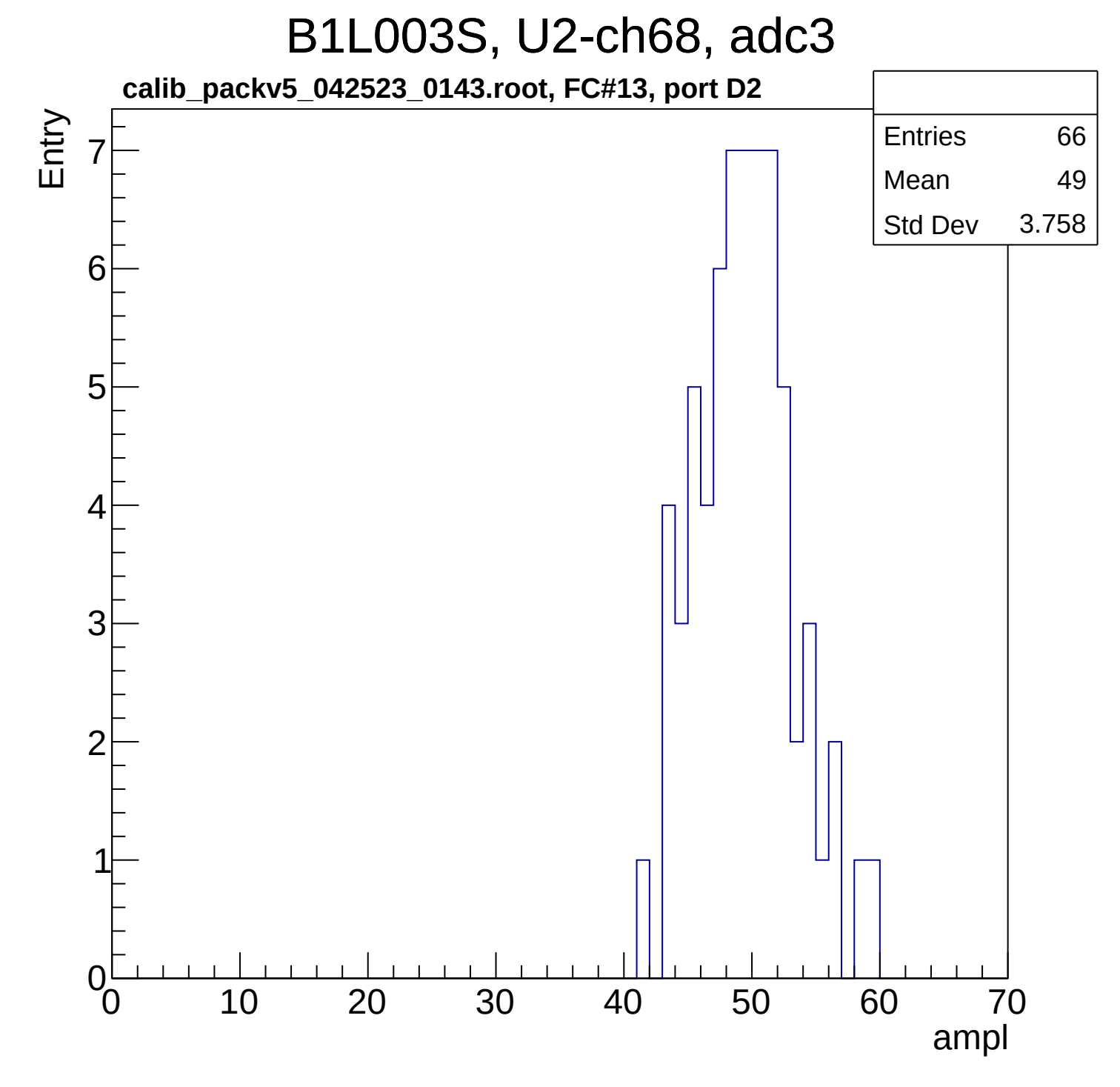
B1L003S, U2-ch68, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 49
Std Dev 3.758
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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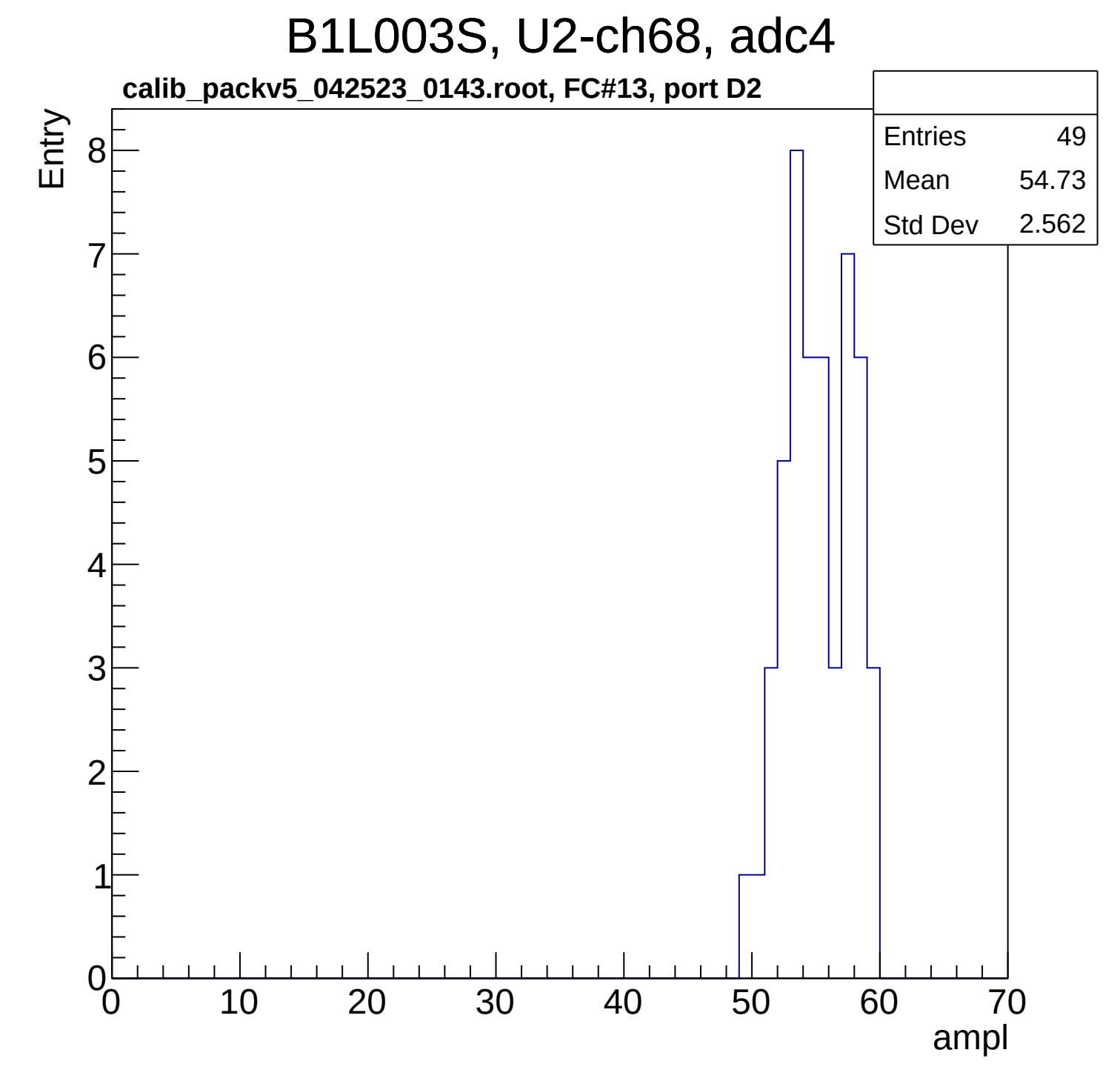
B1L003S, U2-ch68, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 54.73
Std Dev 2.562
Entry
ampl
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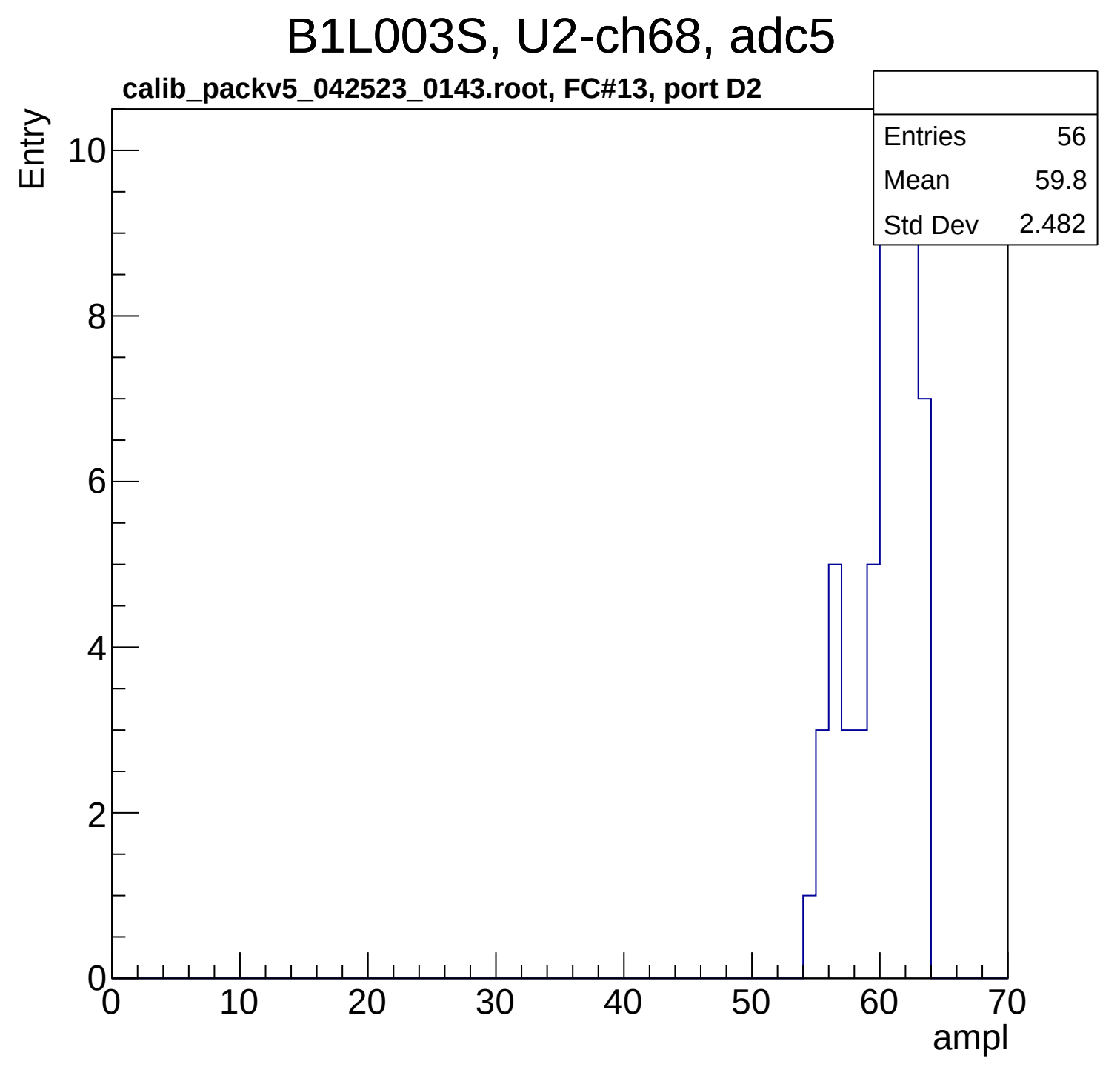
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch68, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 59.8
Std Dev 2.482
Entry
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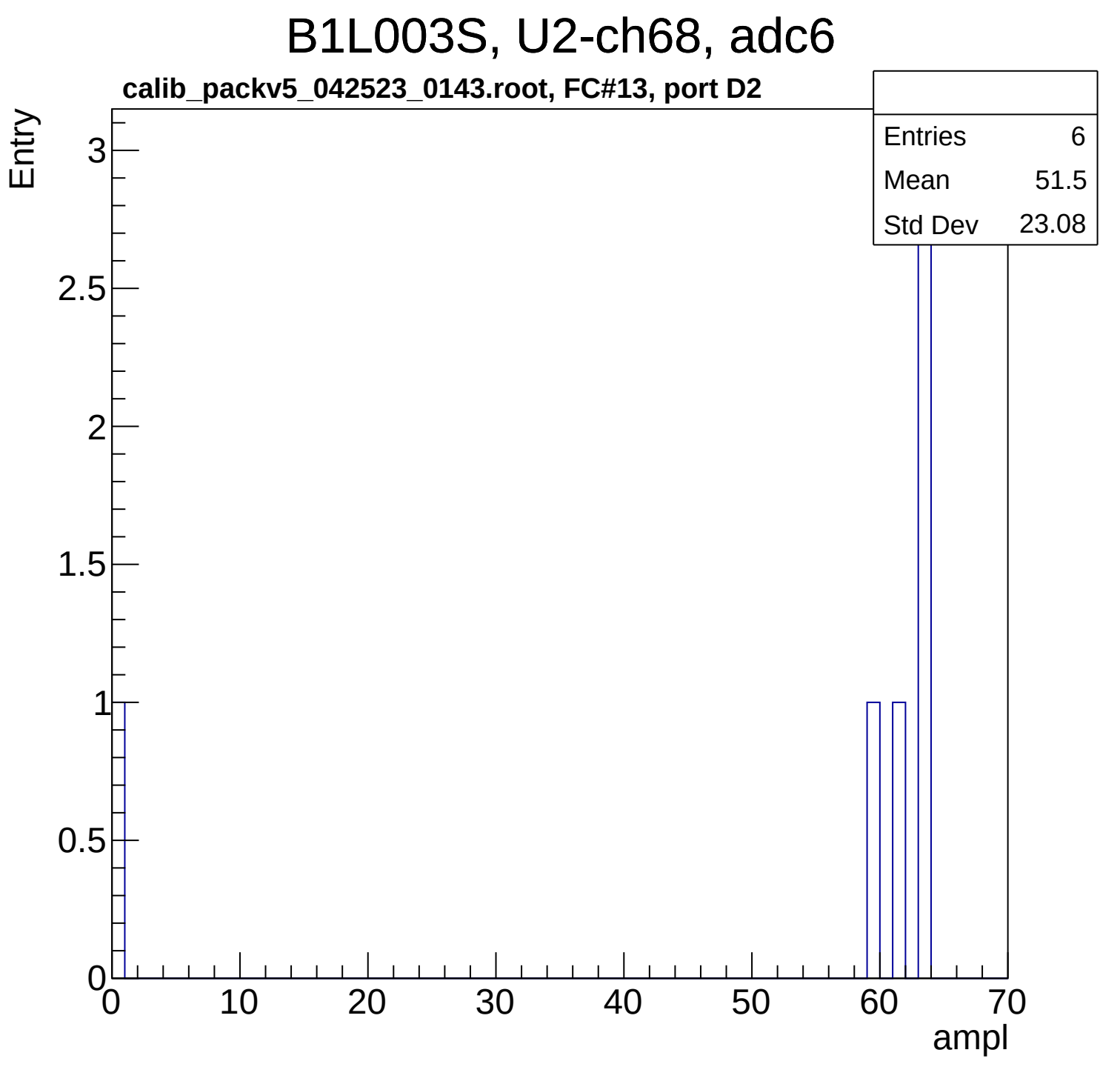
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch68, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 51.5
Std Dev 23.08
Entry
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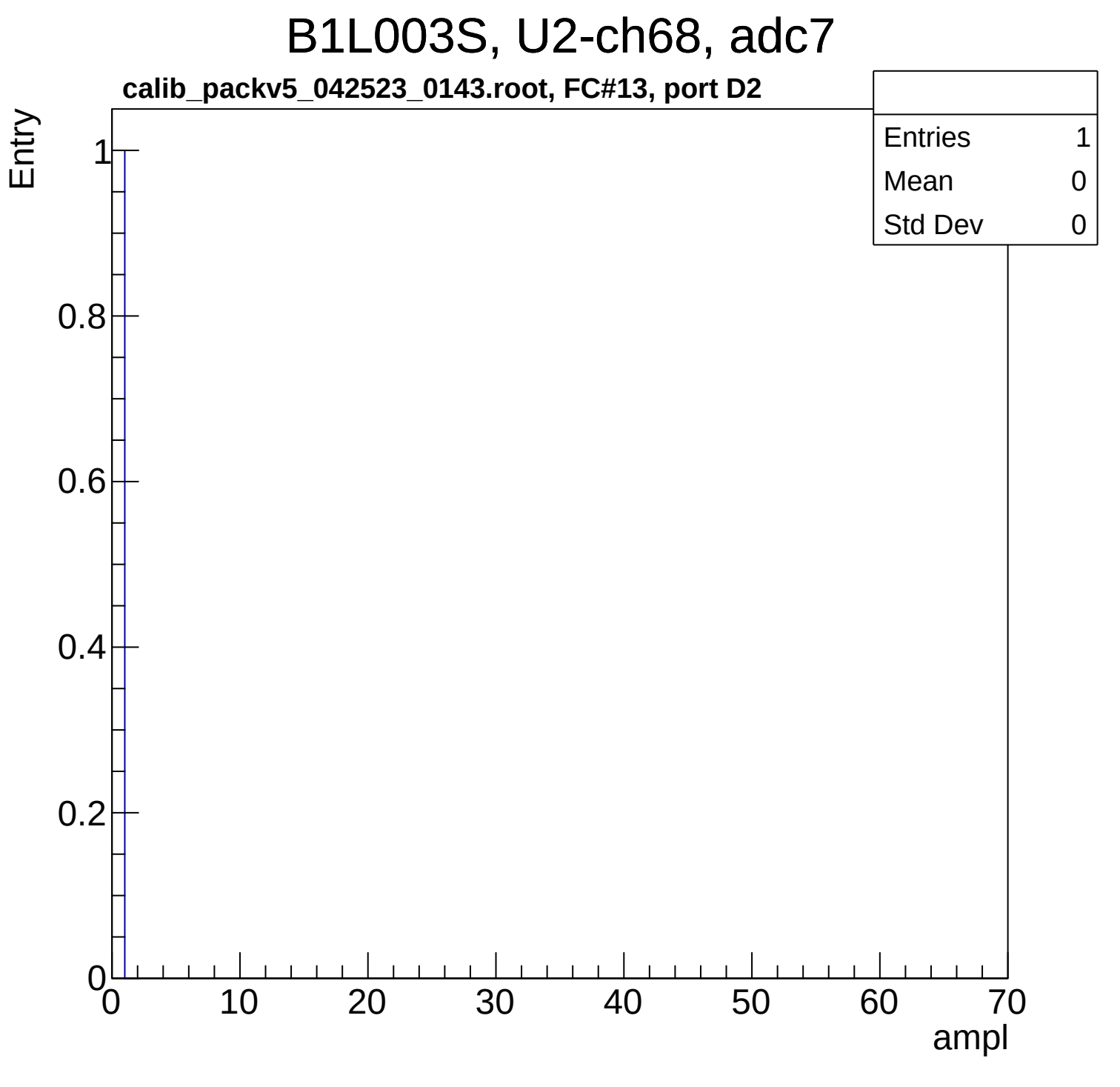
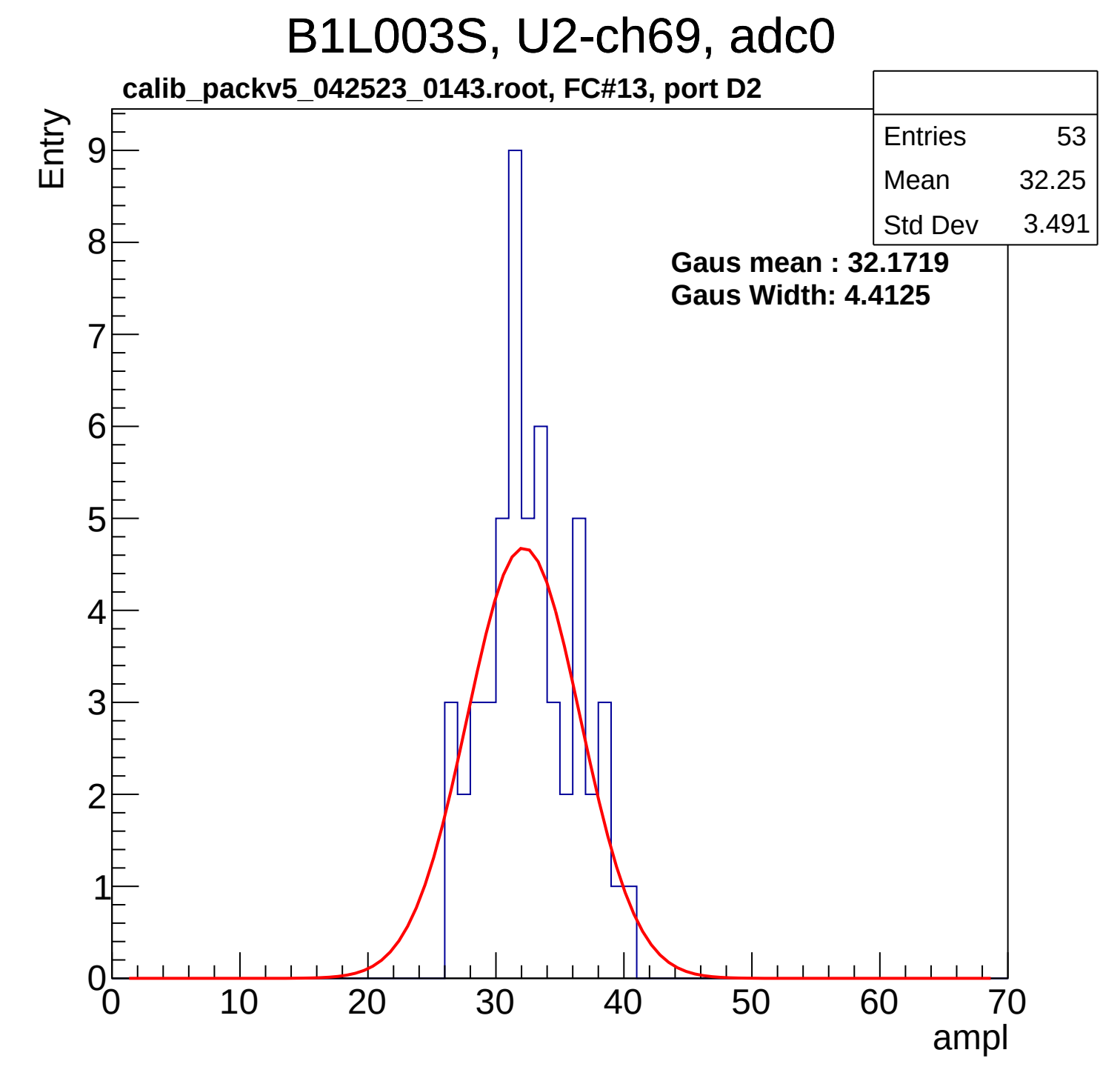
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch68, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch69, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 32.25
Std Dev 3.491
Gaus mean : 32.1719
Gaus Width: 4.4125
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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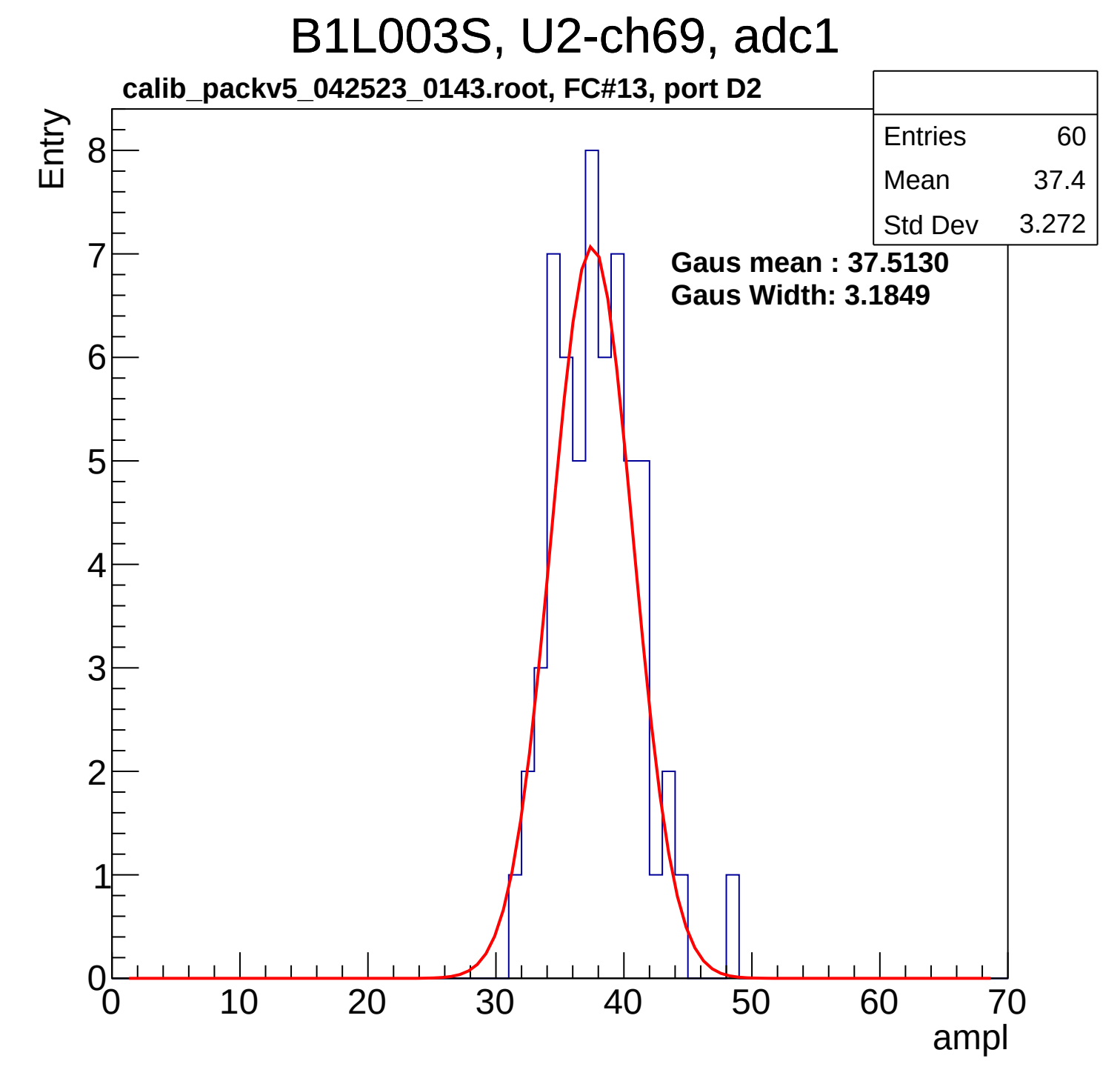
B1L003S, U2-ch69, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 37.4
Std Dev 3.272
Gaus mean : 37.5130
Gaus Width: 3.1849
Entry
ampl
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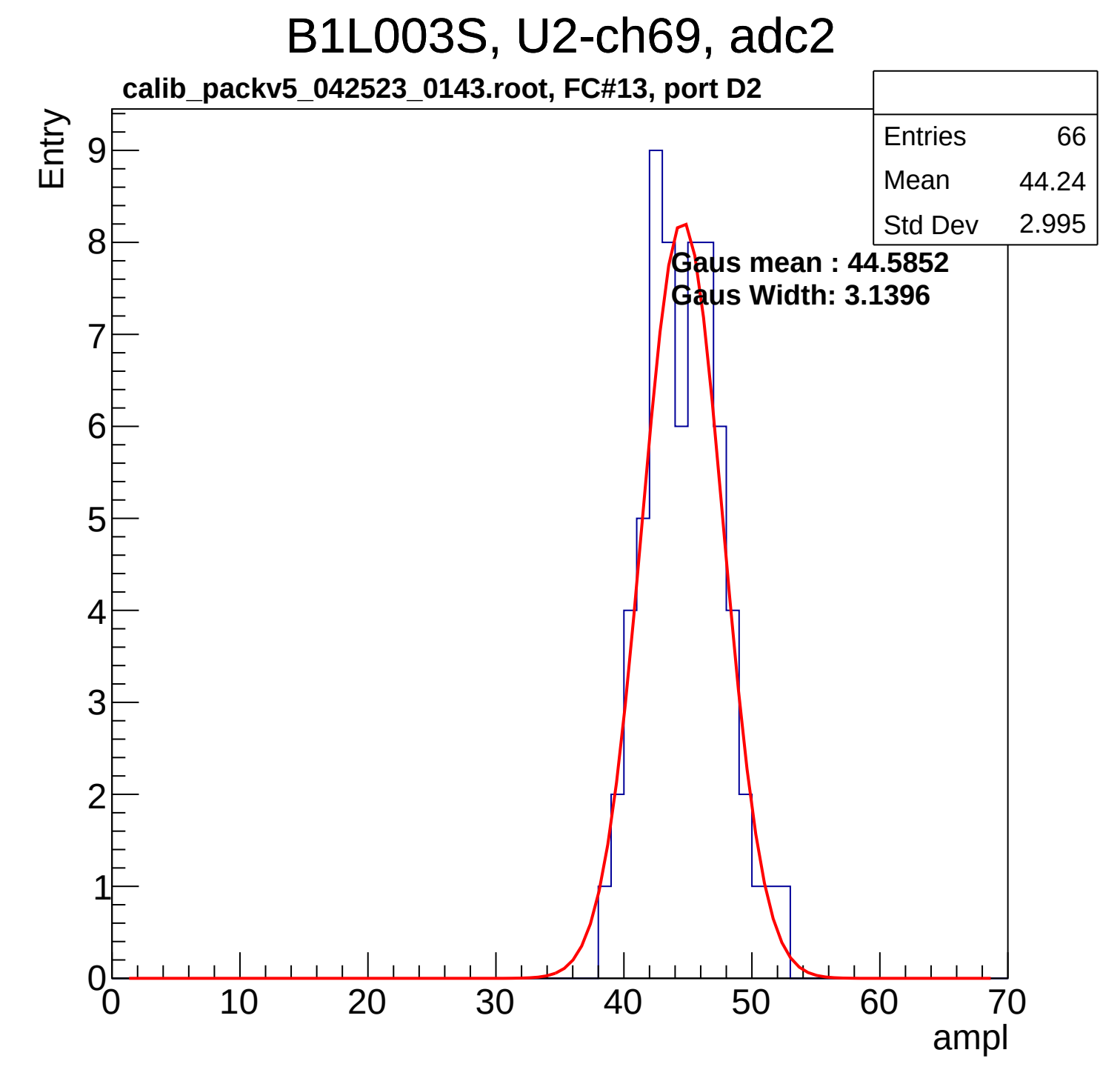
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch69, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 44.24
Std Dev 2.995
Gaus mean : 44.5852
Gaus Width: 3.1396
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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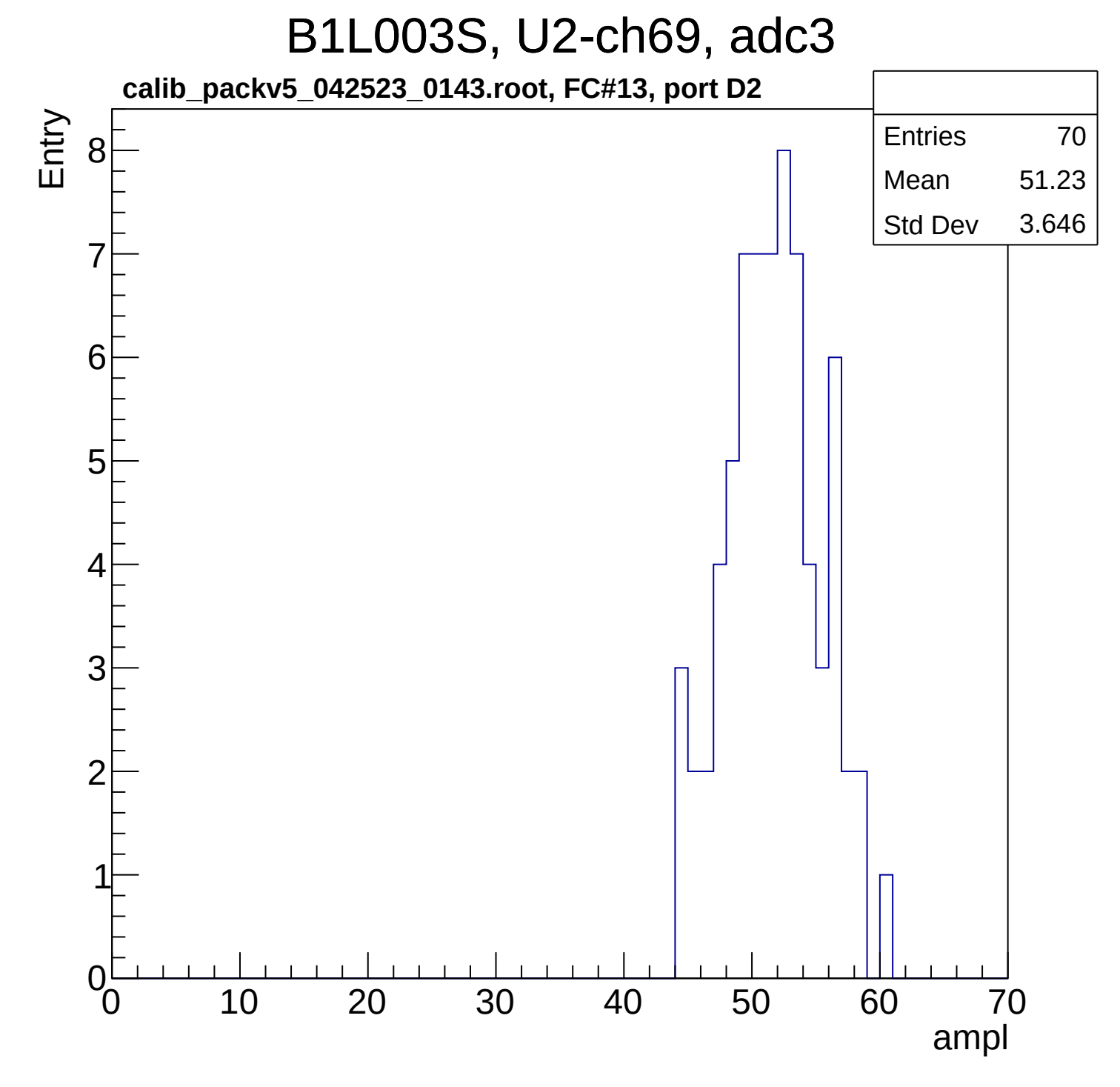
60
70


B1L003S, U2-ch69, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 51.23
Std Dev 3.646
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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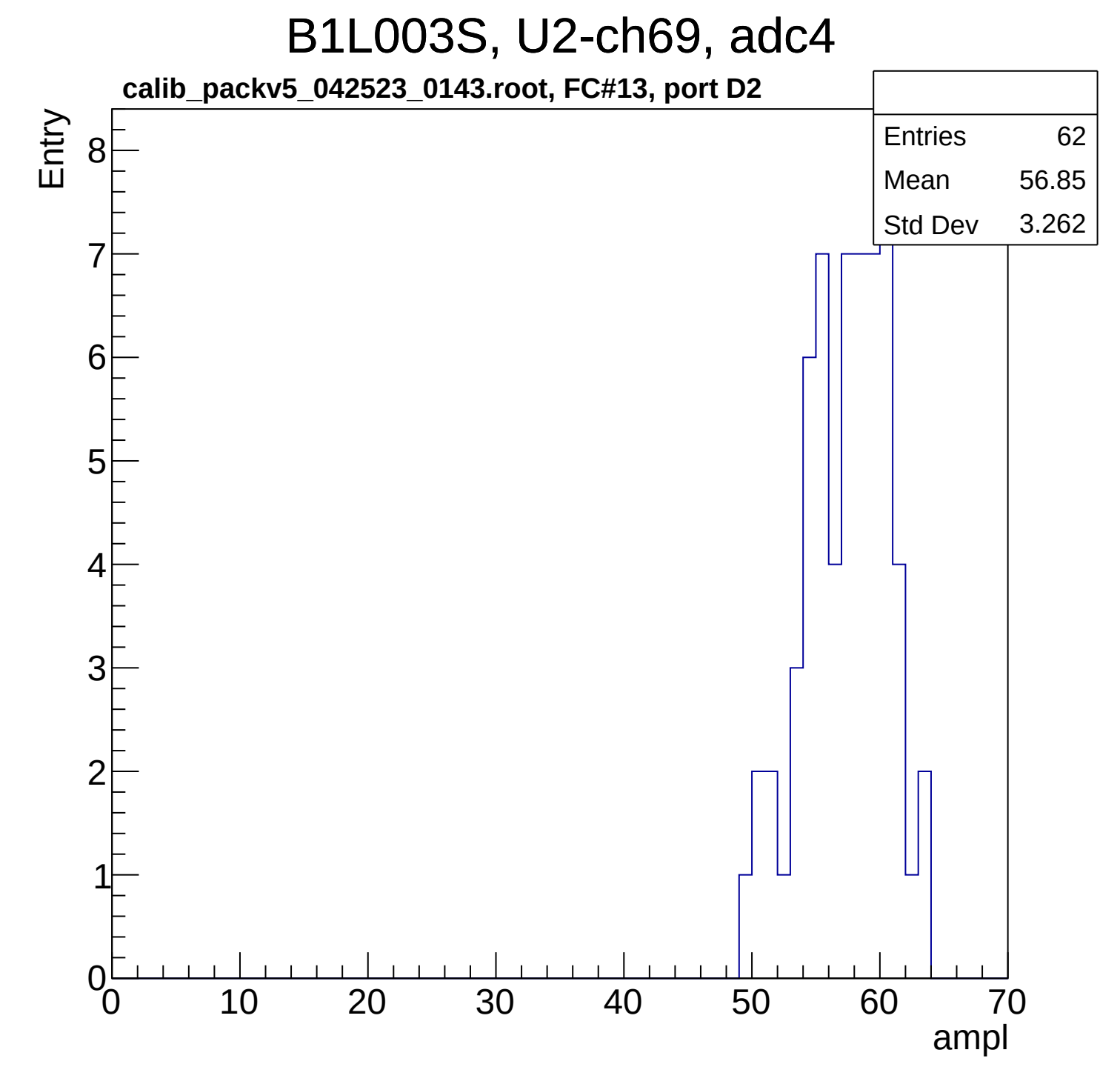
B1L003S, U2-ch69, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 56.85
Std Dev 3.262
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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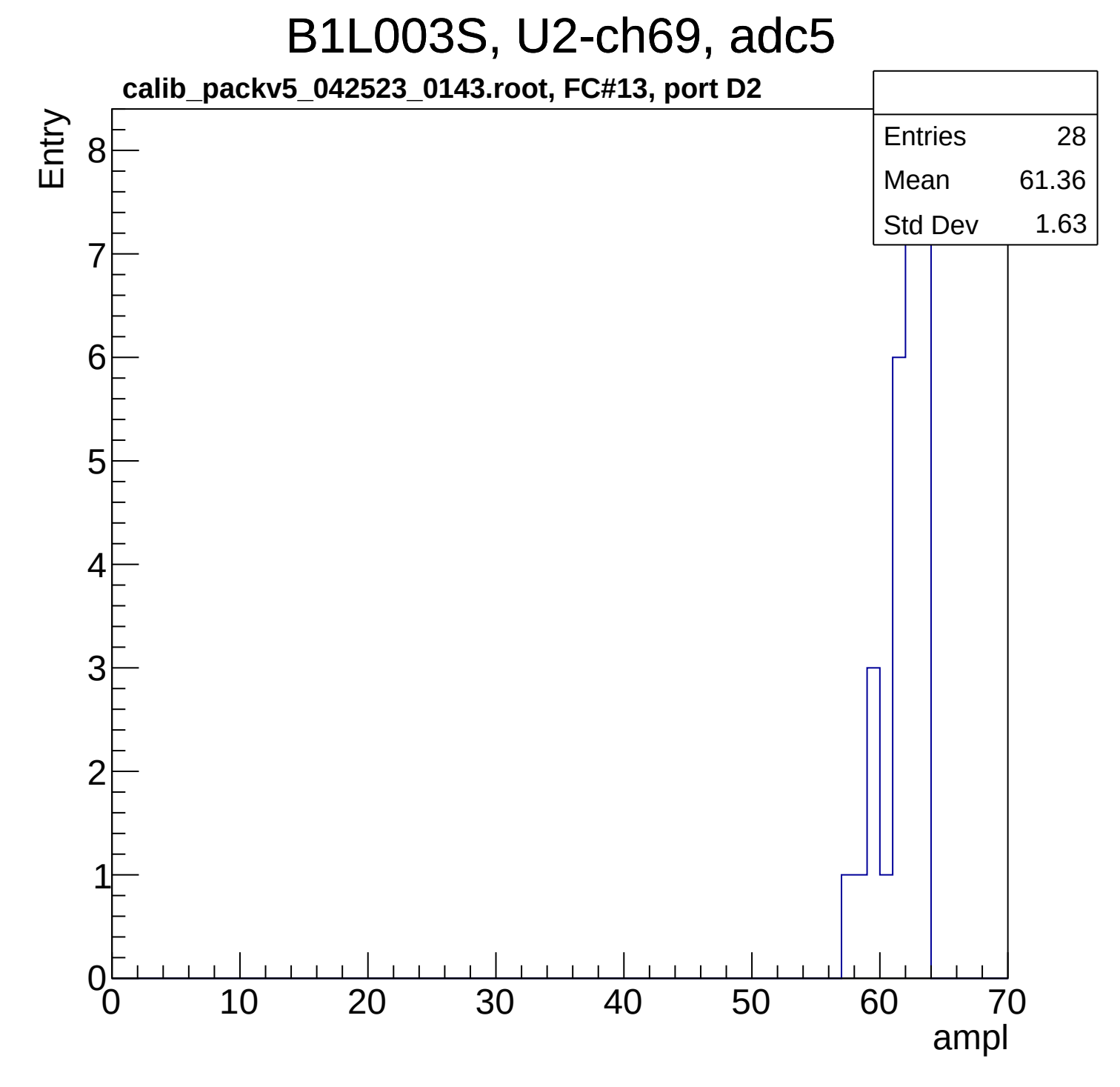
B1L003S, U2-ch69, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 28
Mean 61.36
Std Dev 1.63
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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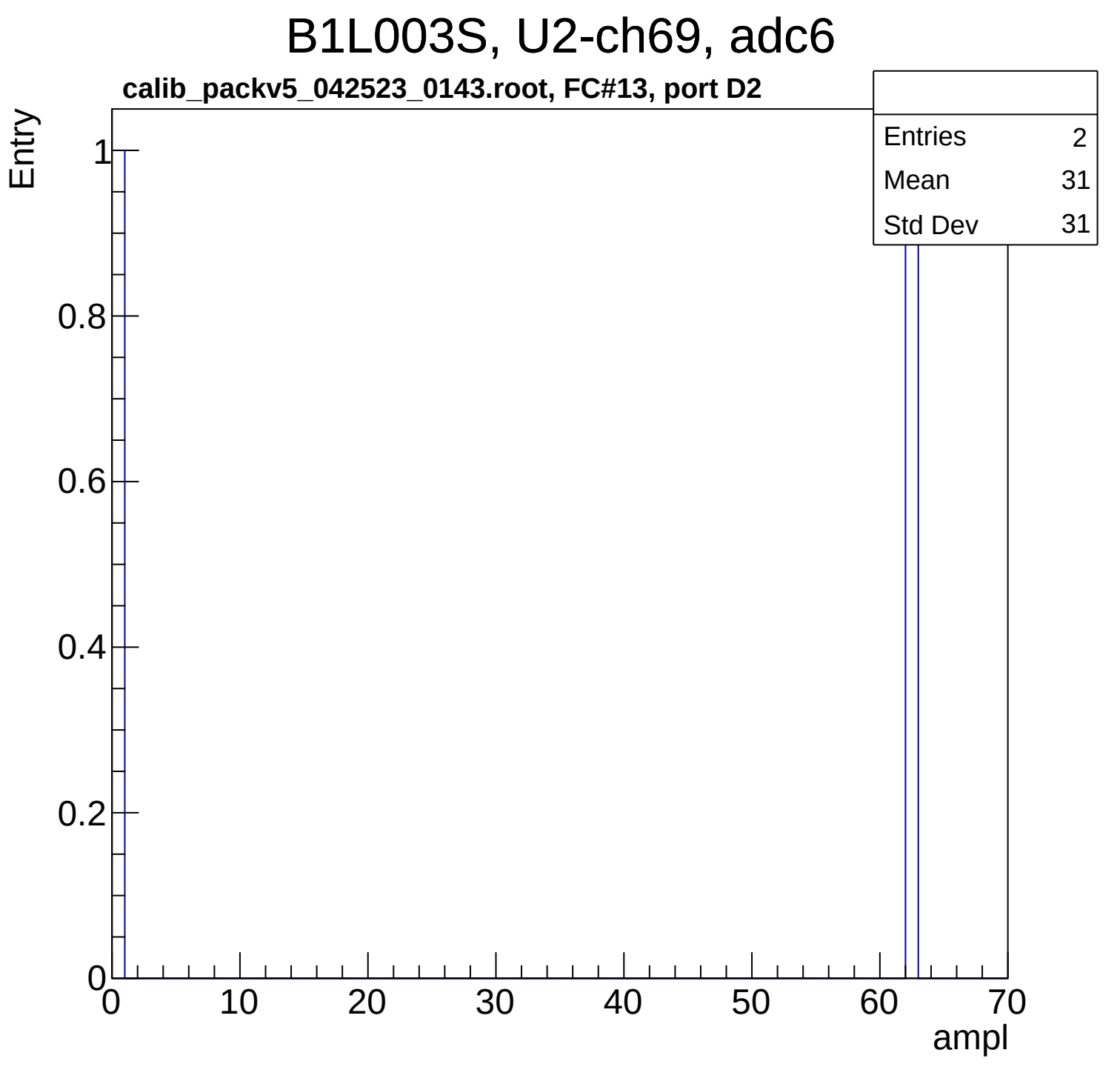
B1L003S, U2-ch69, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31
Std Dev 31
Entry
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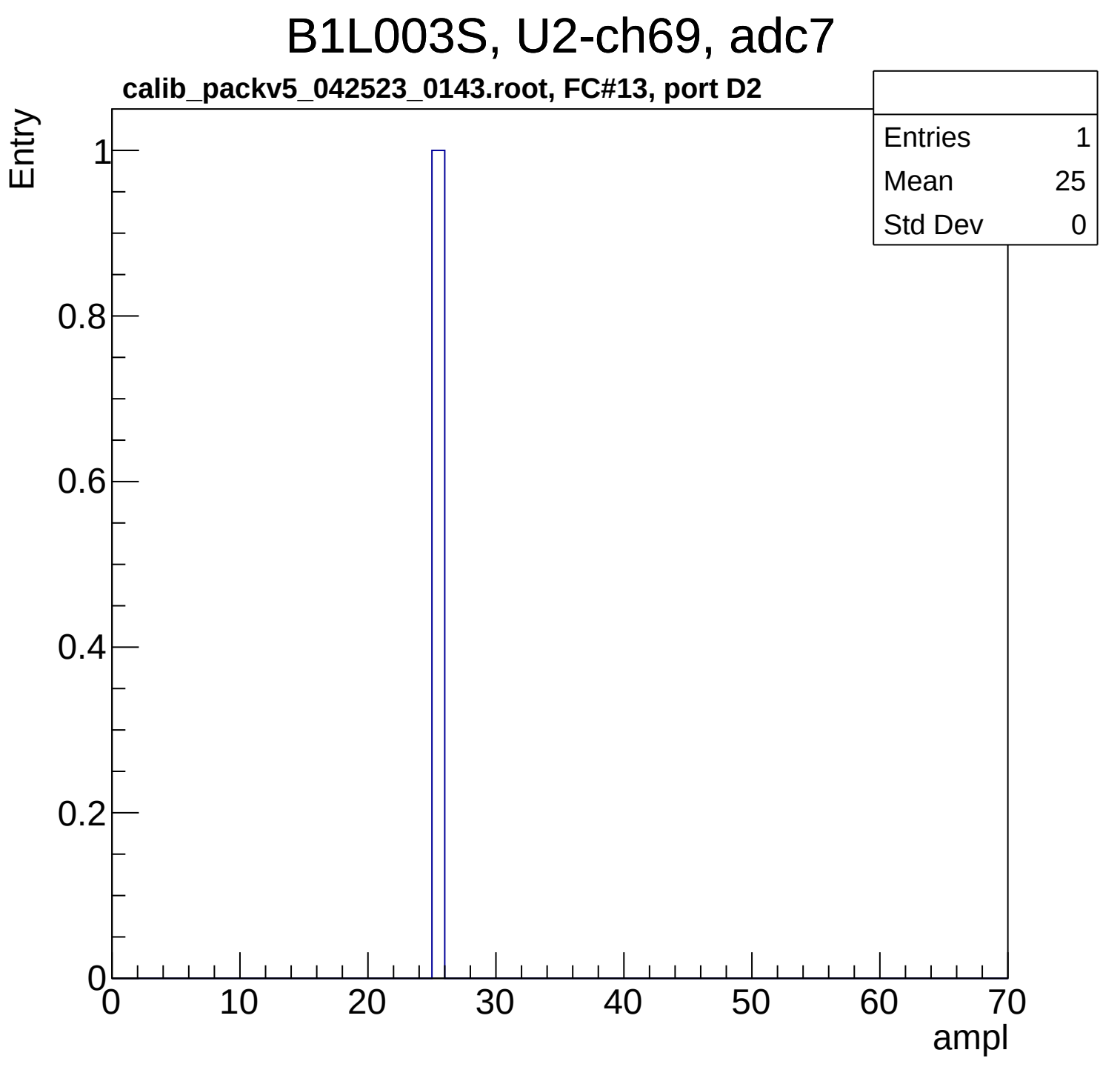
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch69, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 25
Std Dev 0
Entry
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0.4
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0
10
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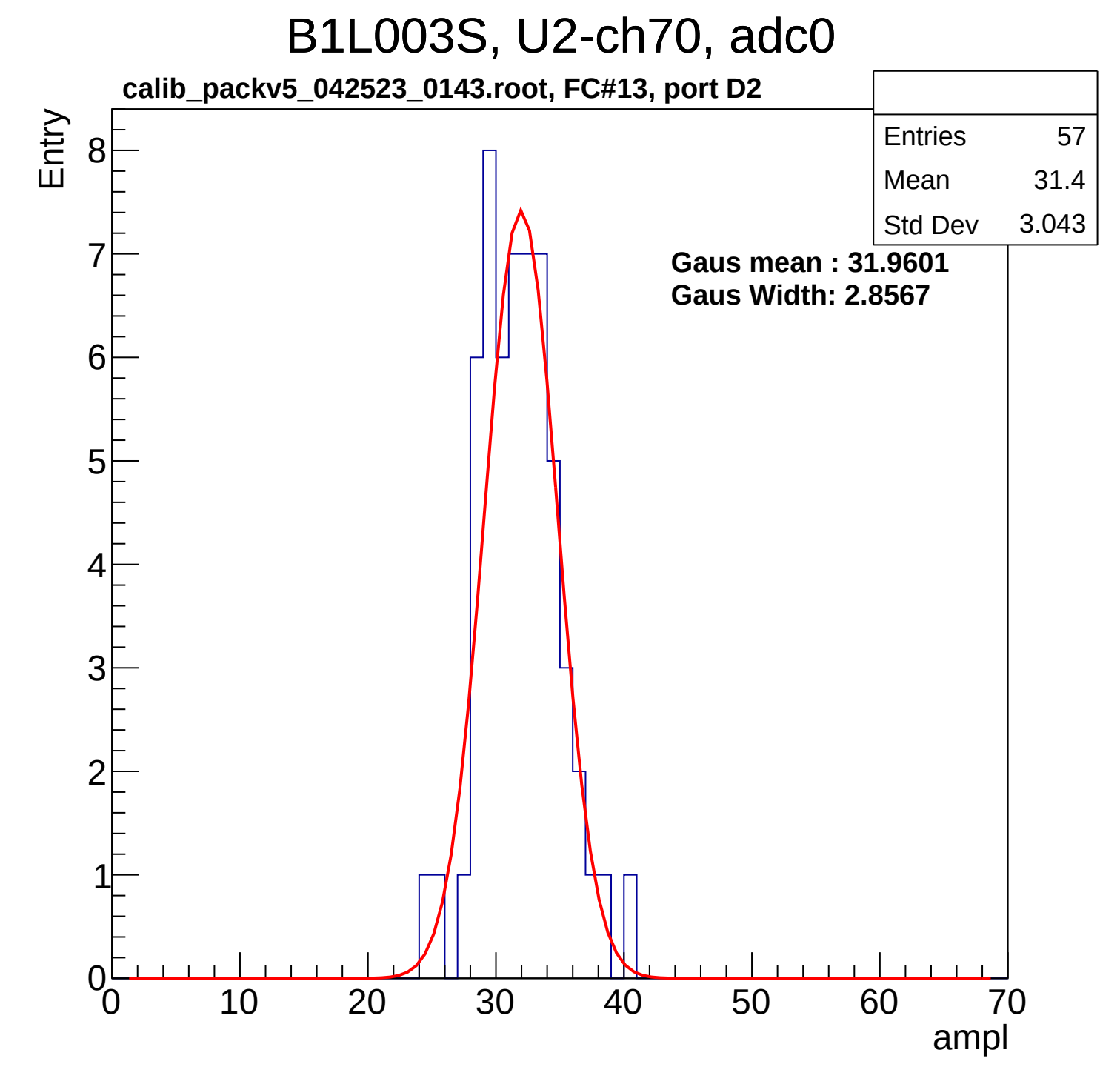
30
40
50
60
70
ampl


B1L003S, U2-ch70, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 31.4
Std Dev 3.043
Gaus mean : 31.9601
Gaus Width: 2.8567
Entry
ampl
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3
4
5
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7
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0
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20
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40
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60
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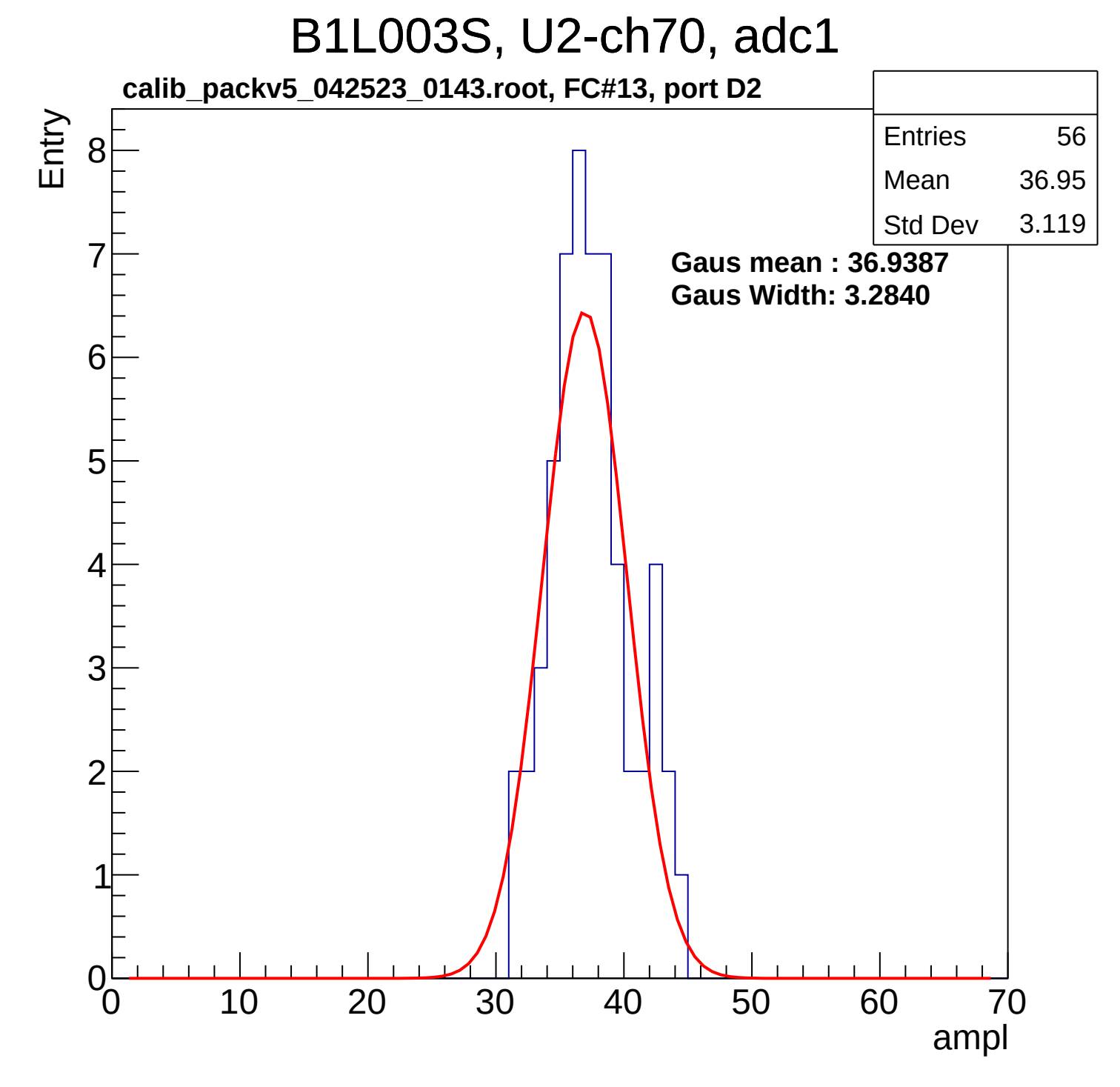
B1L003S, U2-ch70, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 36.95
Std Dev 3.119
Gaus mean : 36.9387
Gaus Width: 3.2840
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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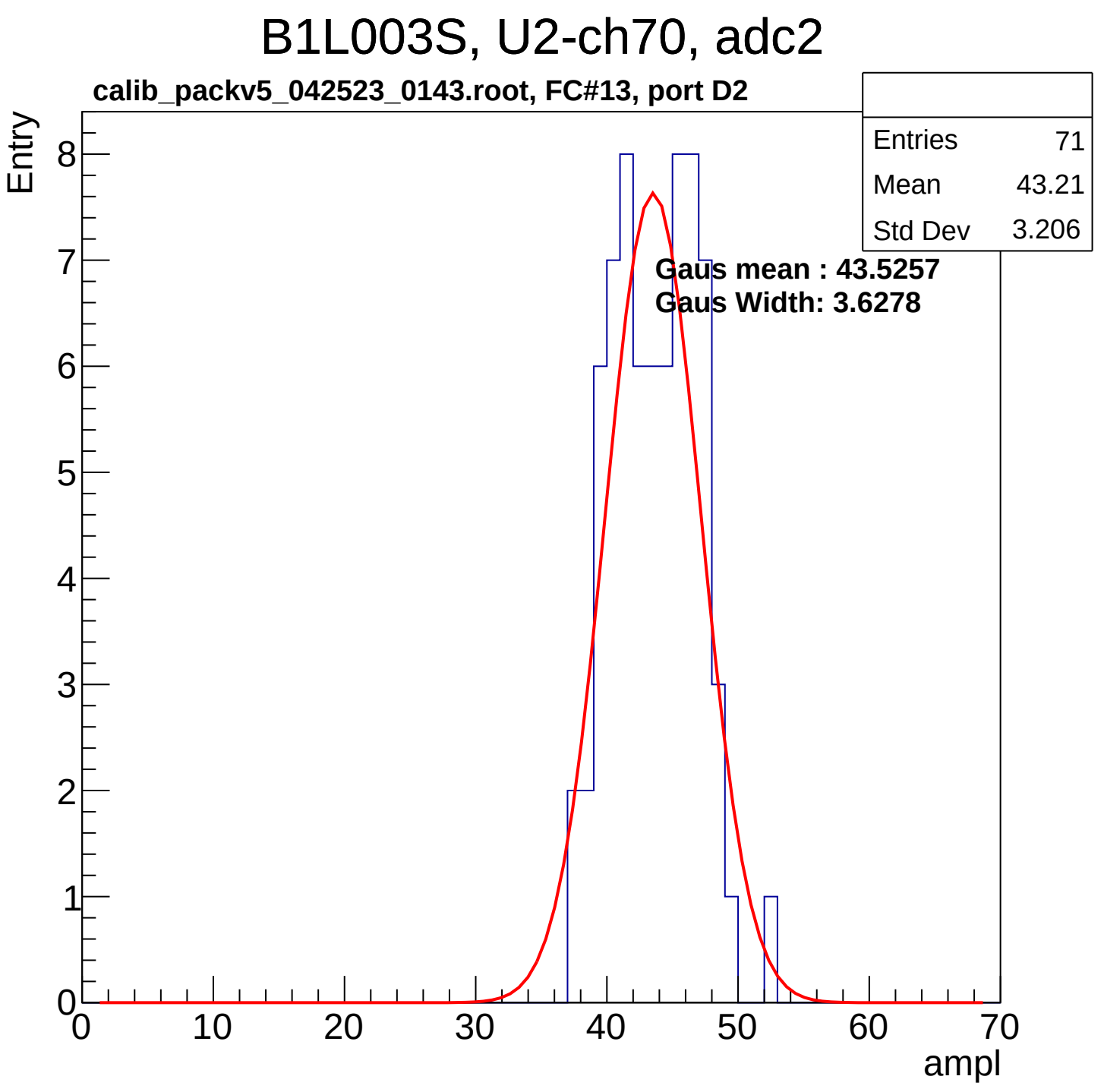
B1L003S, U2-ch70, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 43.21
Std Dev 3.206
Gaus mean : 43.5257
Gaus Width: 3.6278
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
50
60
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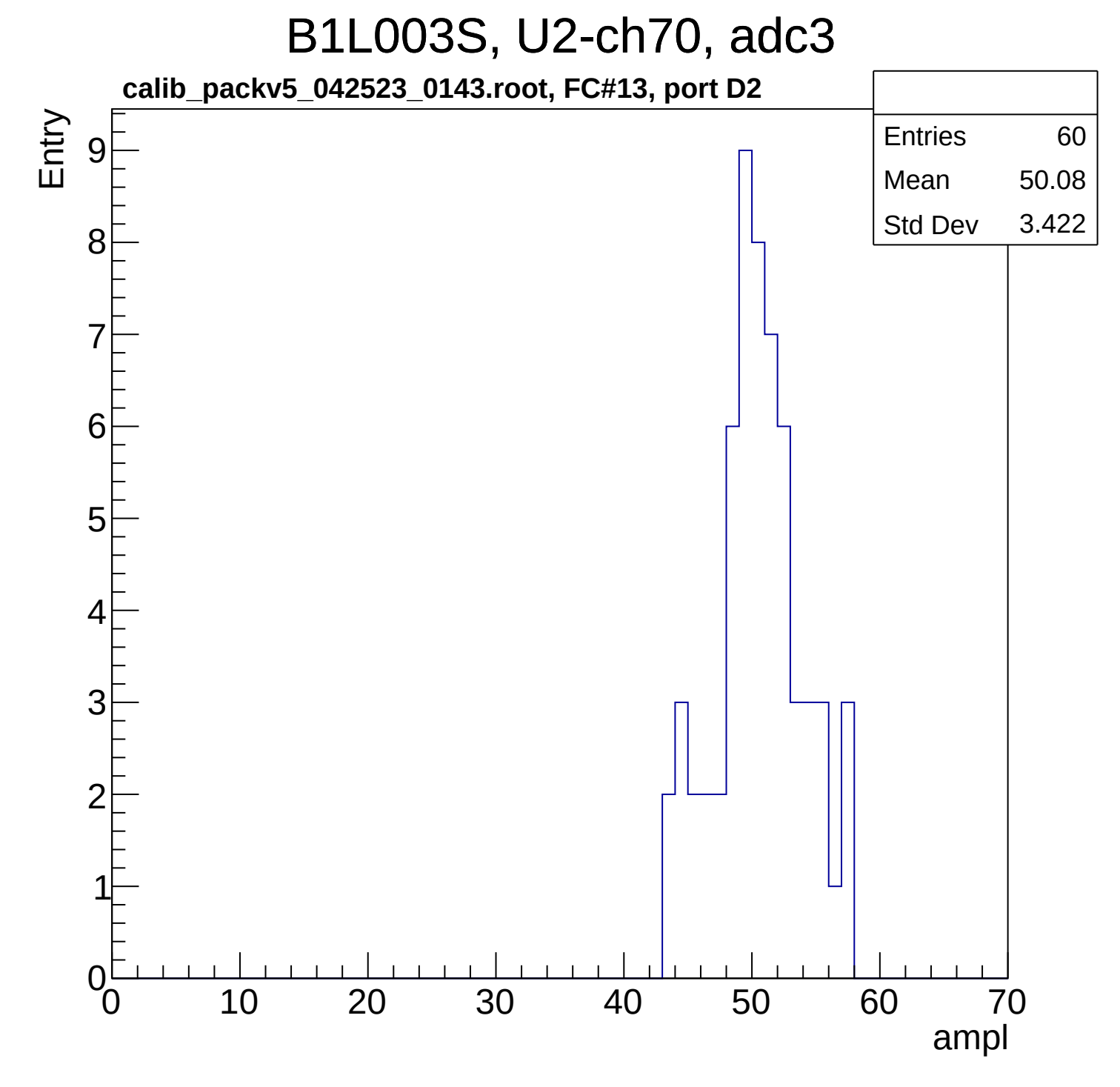
B1L003S, U2-ch70, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 50.08
Std Dev 3.422
Entry
ampl
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8
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0
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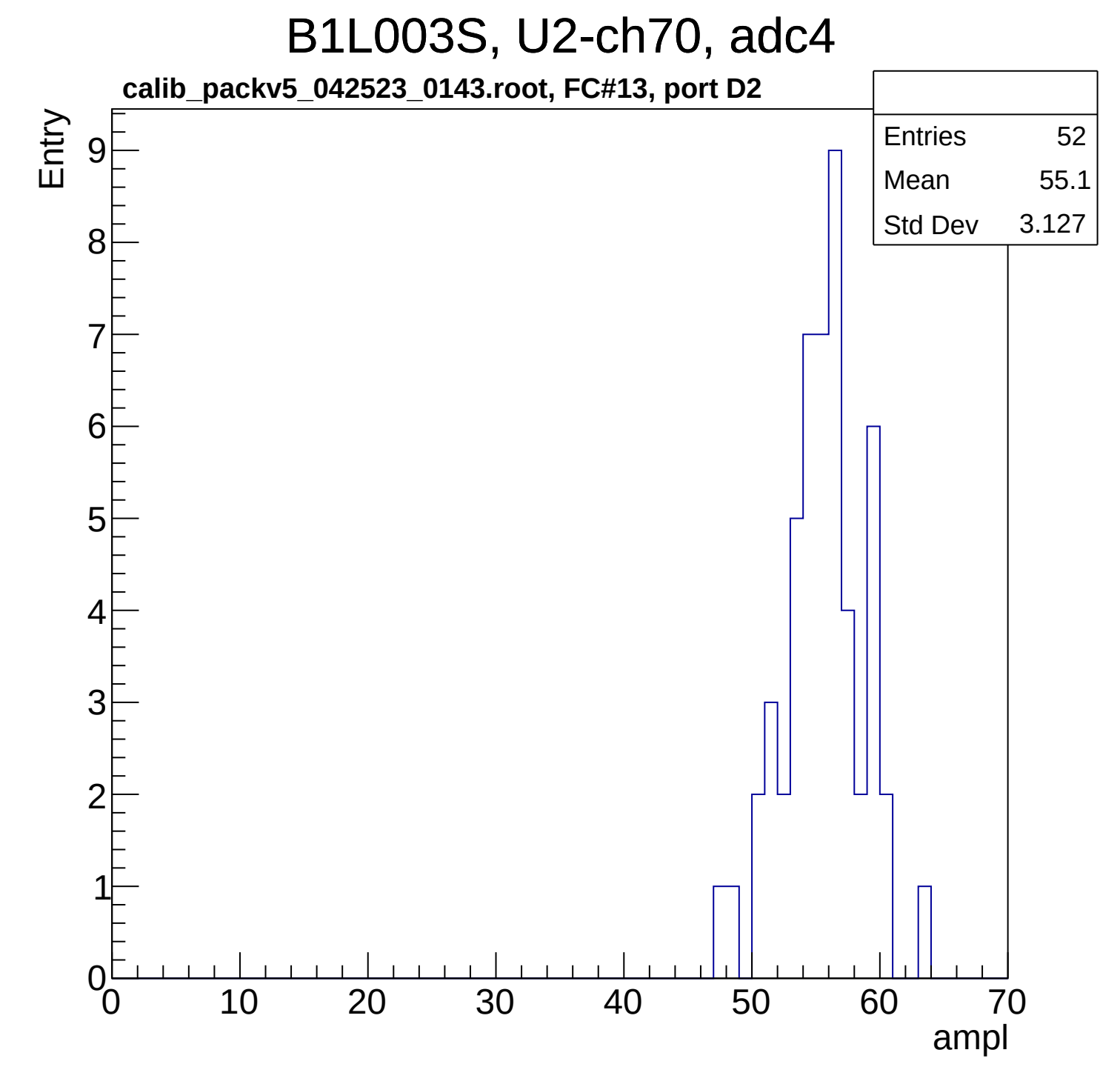
B1L003S, U2-ch70, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 55.1
Std Dev 3.127
Entry
ampl
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7
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0
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60
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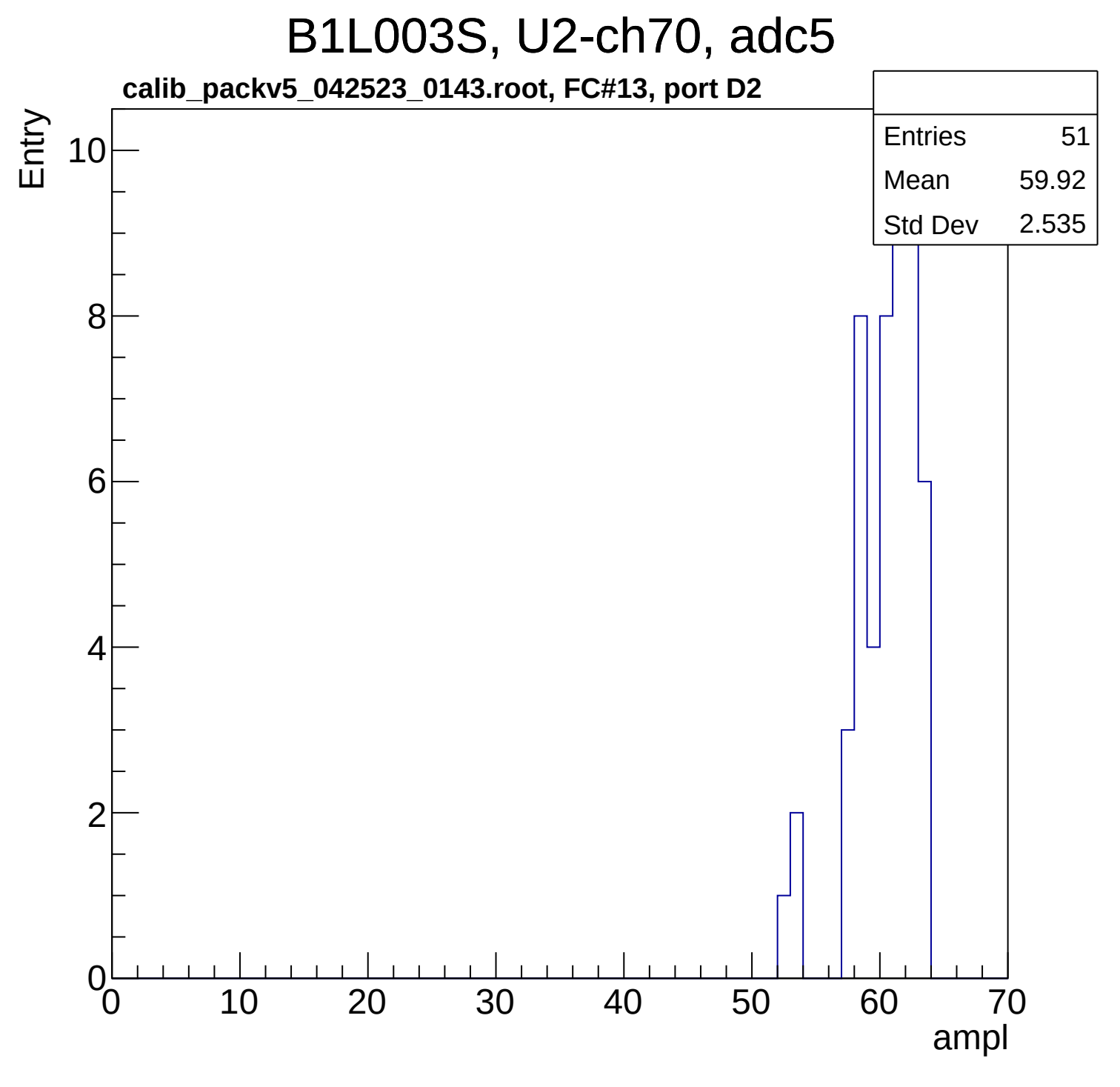
B1L003S, U2-ch70, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 59.92
Std Dev 2.535
Entry
ampl
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0
10
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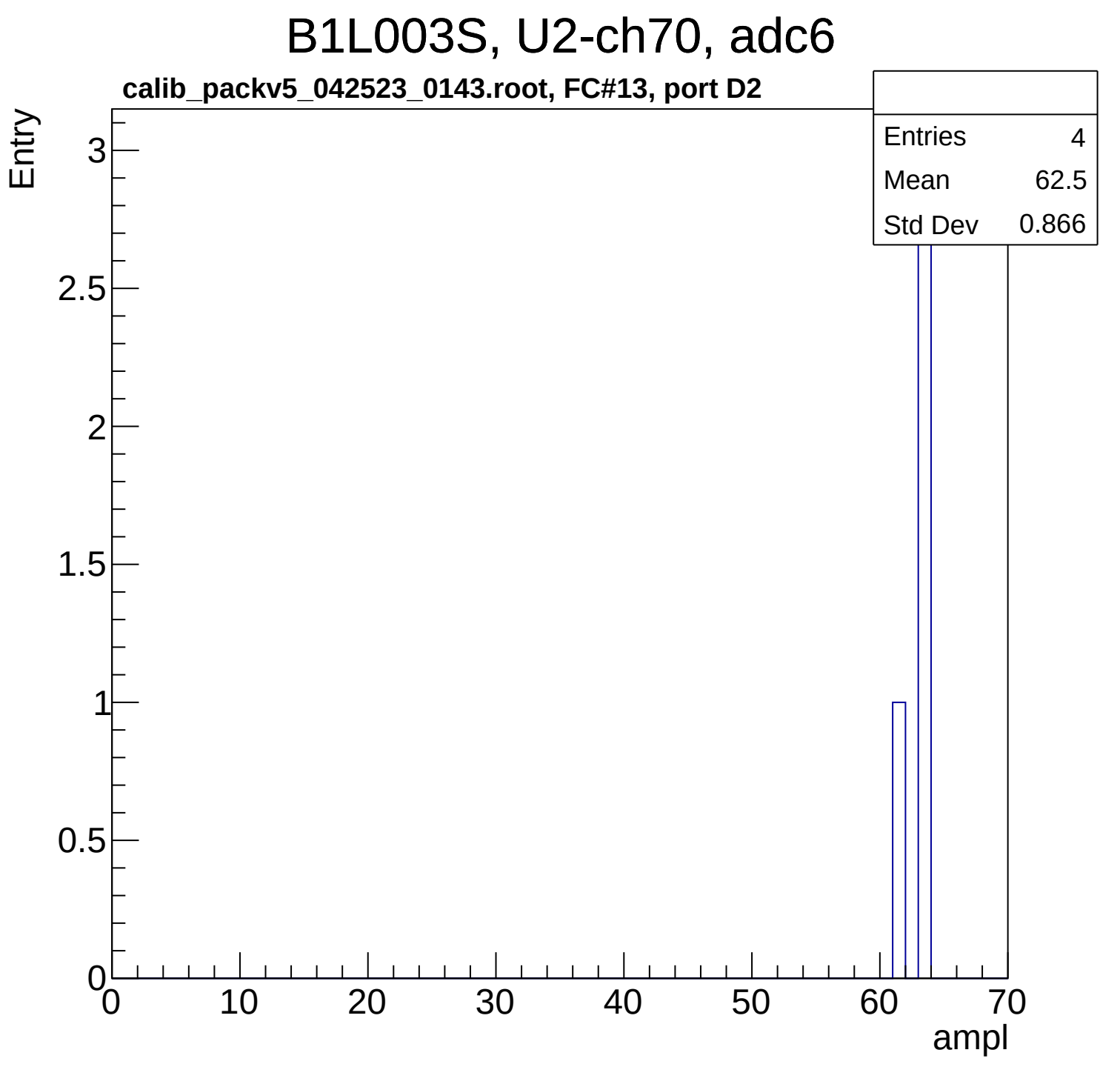
40
50
60
70


B1L003S, U2-ch70, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.5
Std Dev 0.866
Entry
ampl
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1.5
2
2.5
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0
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20
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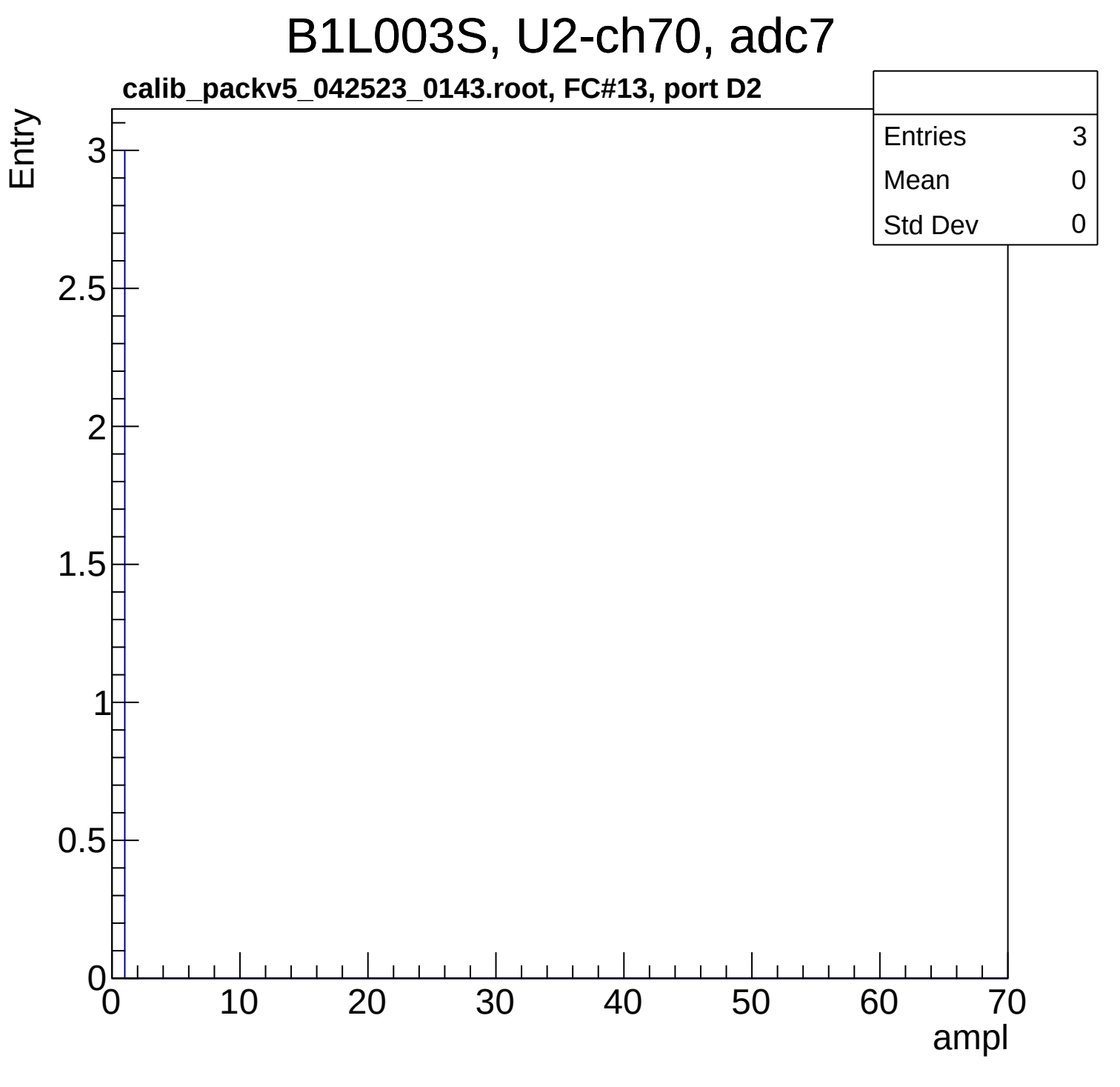
40
50
60
70


B1L003S, U2-ch70, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 0
Std Dev 0
Entry
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1.5
1
0.5
0
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10
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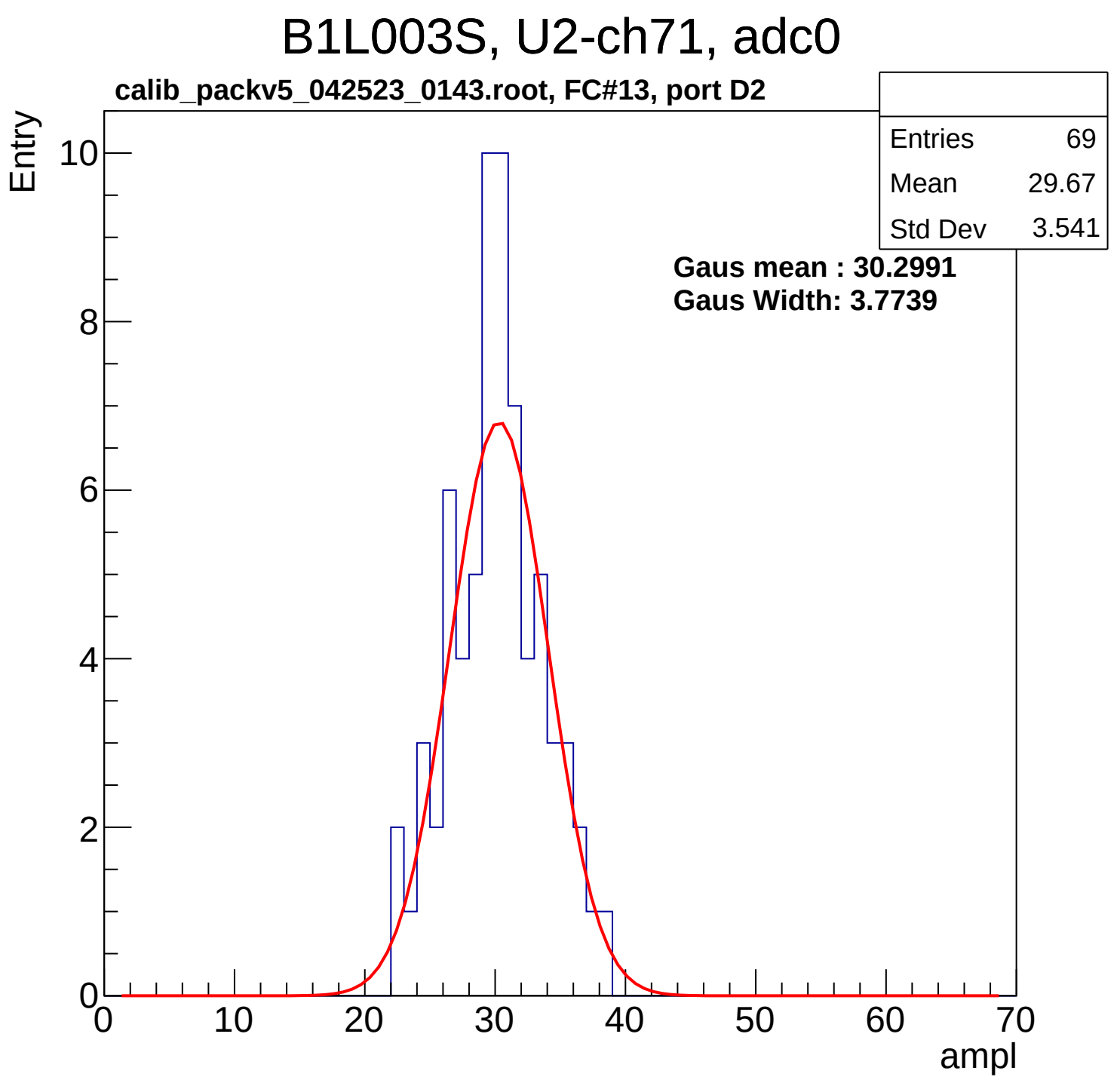
40
50
60
70
ampl


B1L003S, U2-ch71, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 29.67
Std Dev 3.541
Gaus mean : 30.2991
Gaus Width: 3.7739
Entry
ampl
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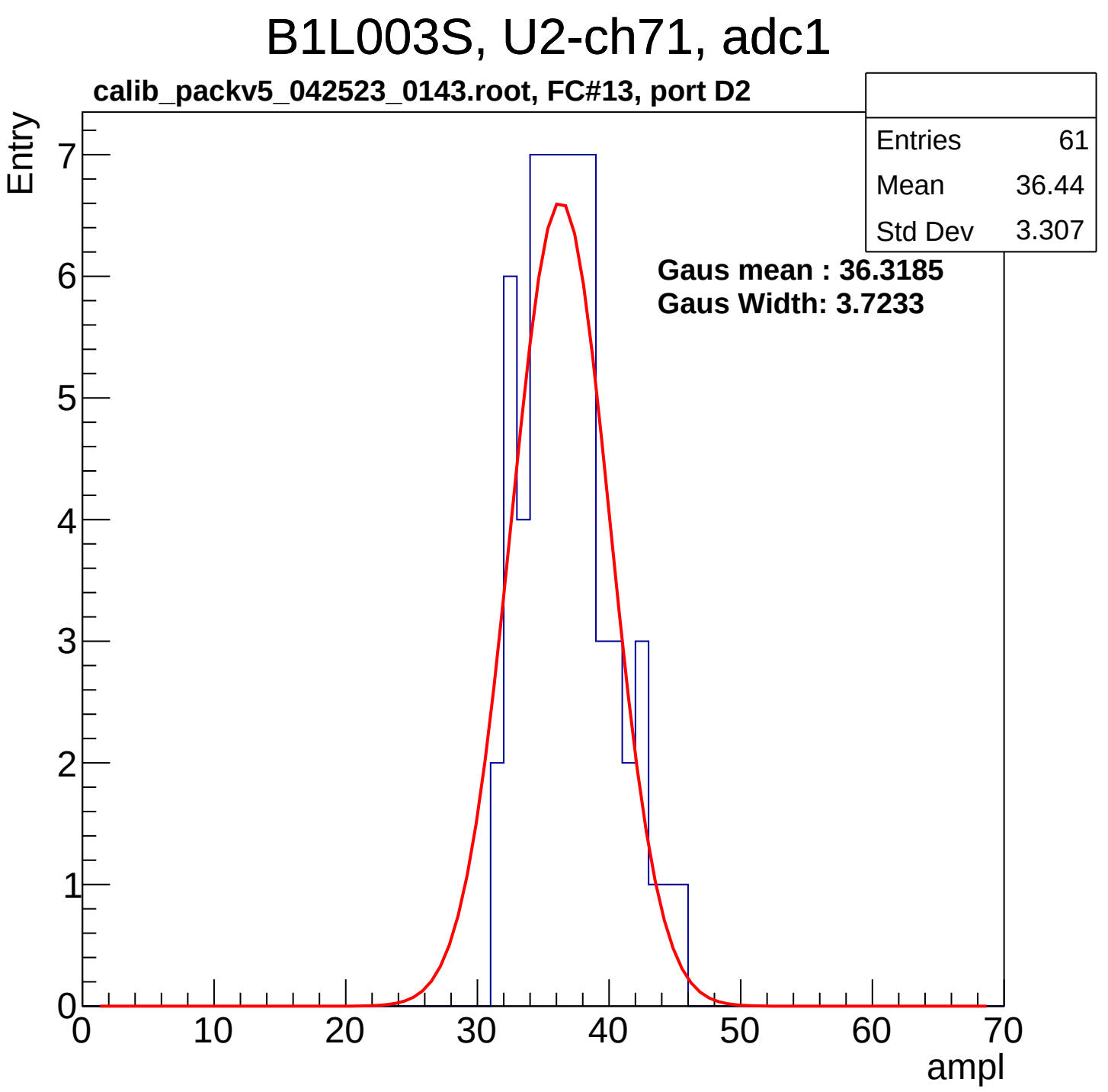
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch71, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.44
Std Dev 3.307
Gaus mean : 36.3185
Gaus Width: 3.7233
Entry
ampl
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1
2
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4
5
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0
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60
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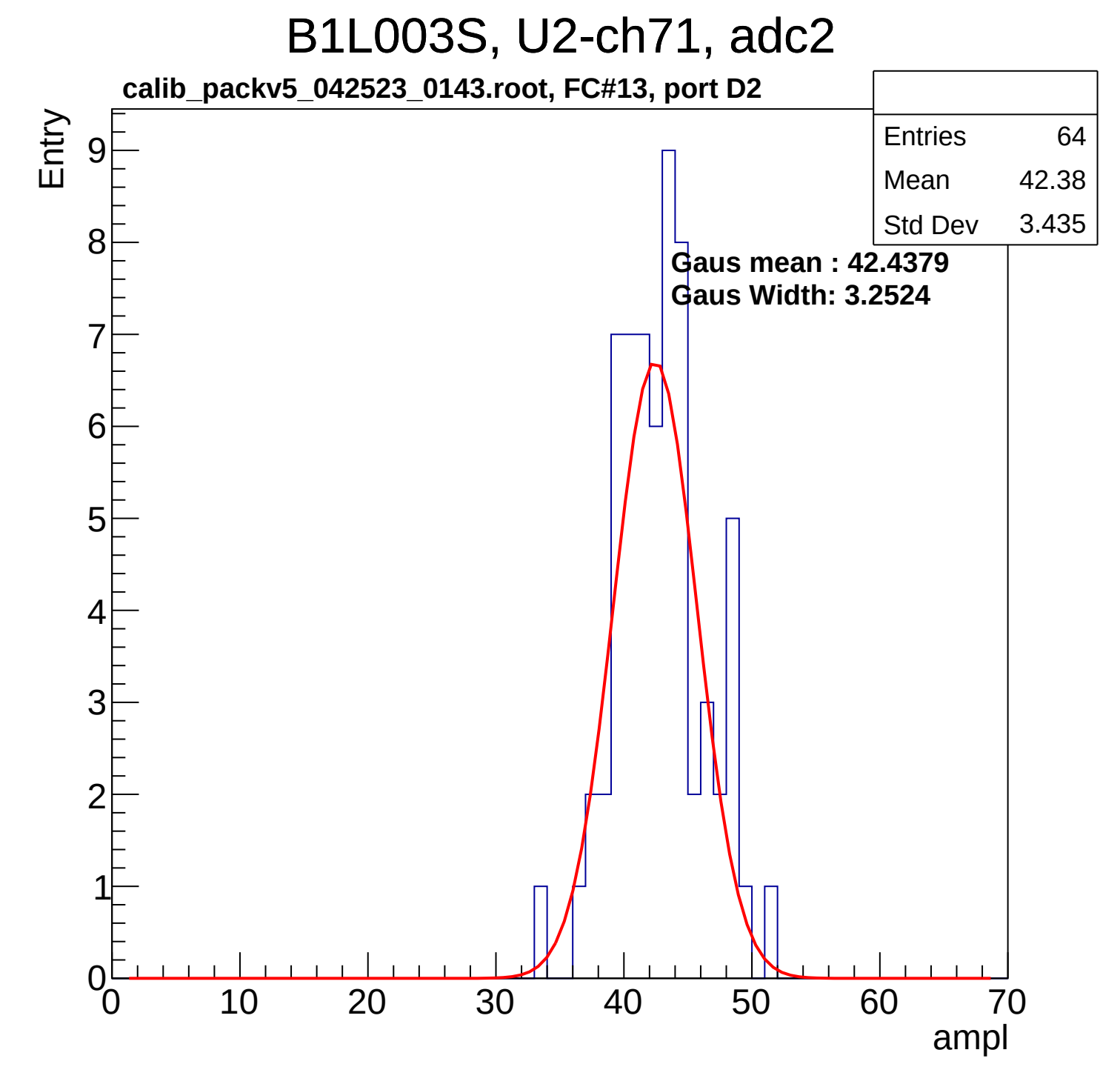
B1L003S, U2-ch71, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 42.38
Std Dev 3.435
Gaus mean : 42.4379
Gaus Width: 3.2524
Entry
ampl
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2
3
4
5
6
7
8
9
0
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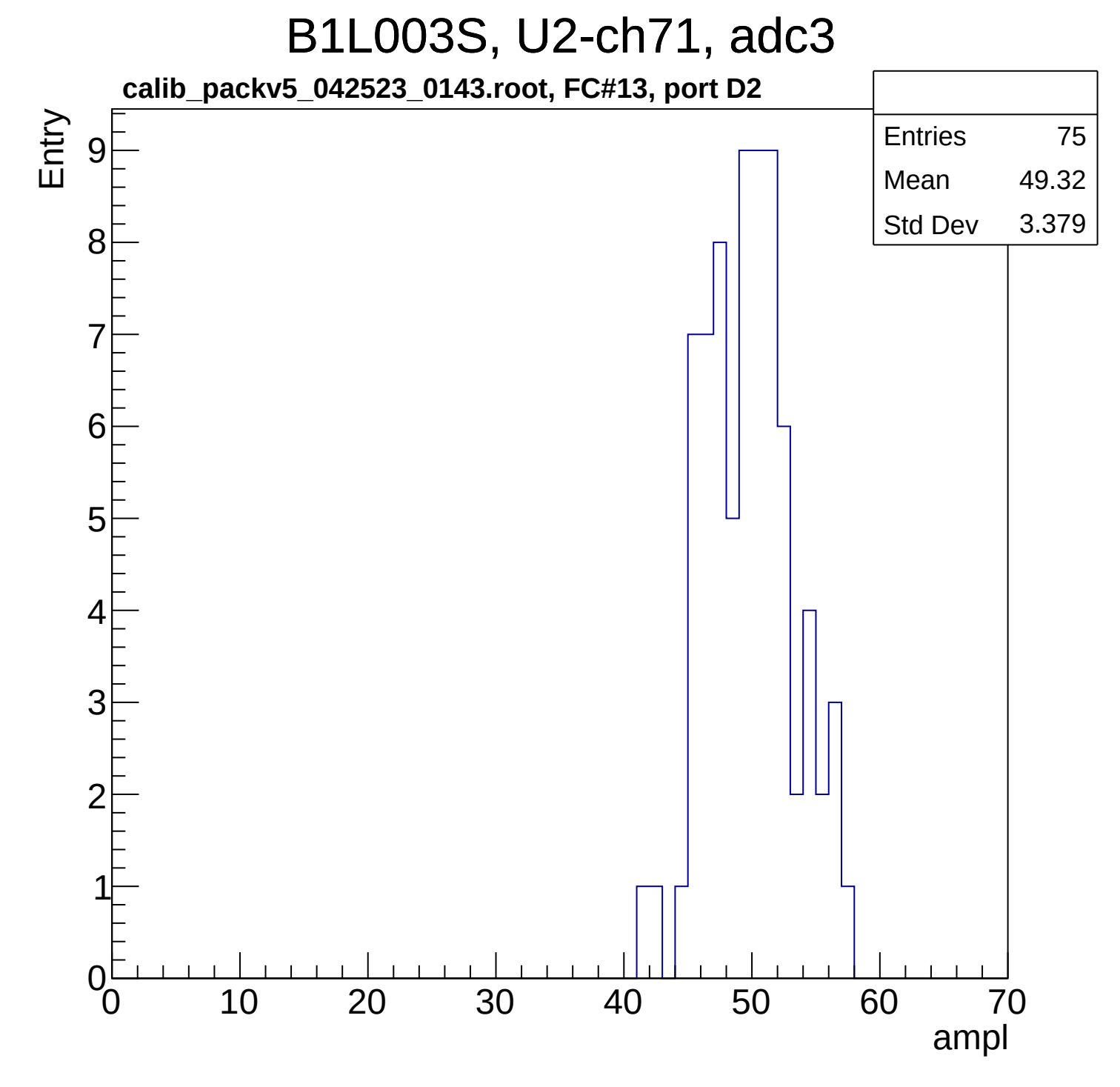
B1L003S, U2-ch71, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 49.32
Std Dev 3.379
Entry
ampl
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3
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7
8
9
0
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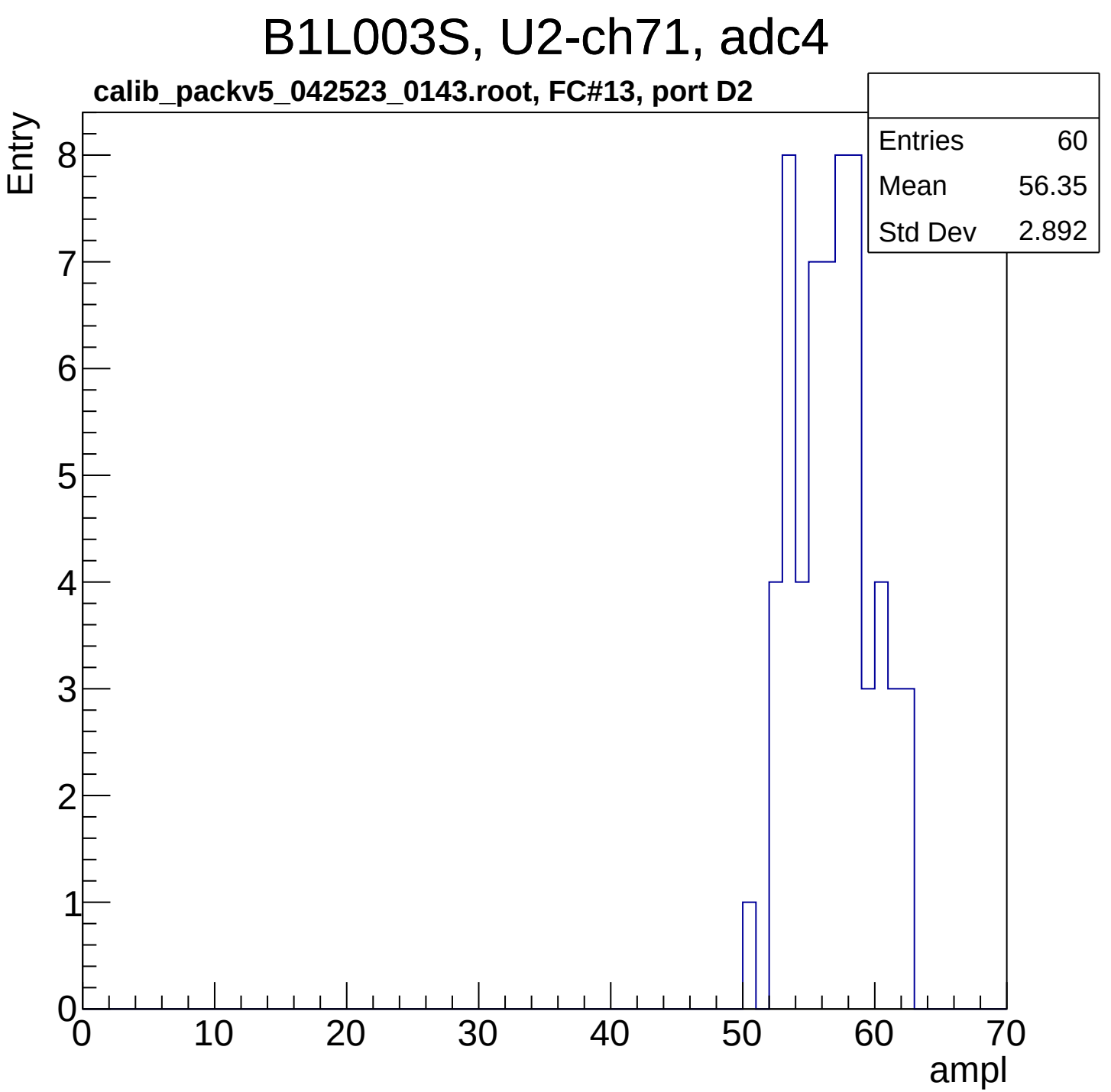
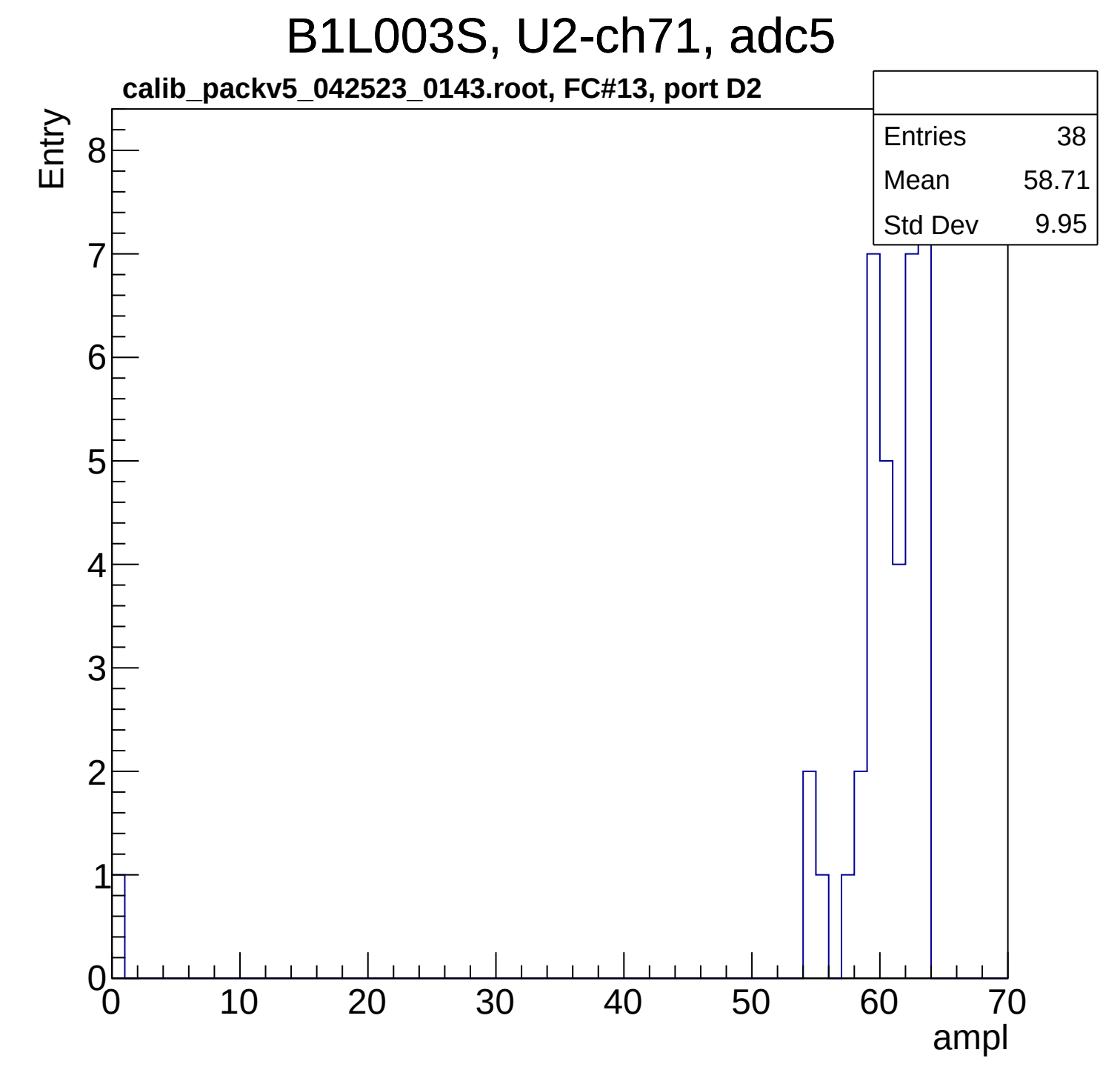

B1L003S, U2-ch71, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 56.35
Std Dev 2.892
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch71, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 58.71
Std Dev 9.95
Entry
ampl
0
1
2
3
4
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0
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40
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60
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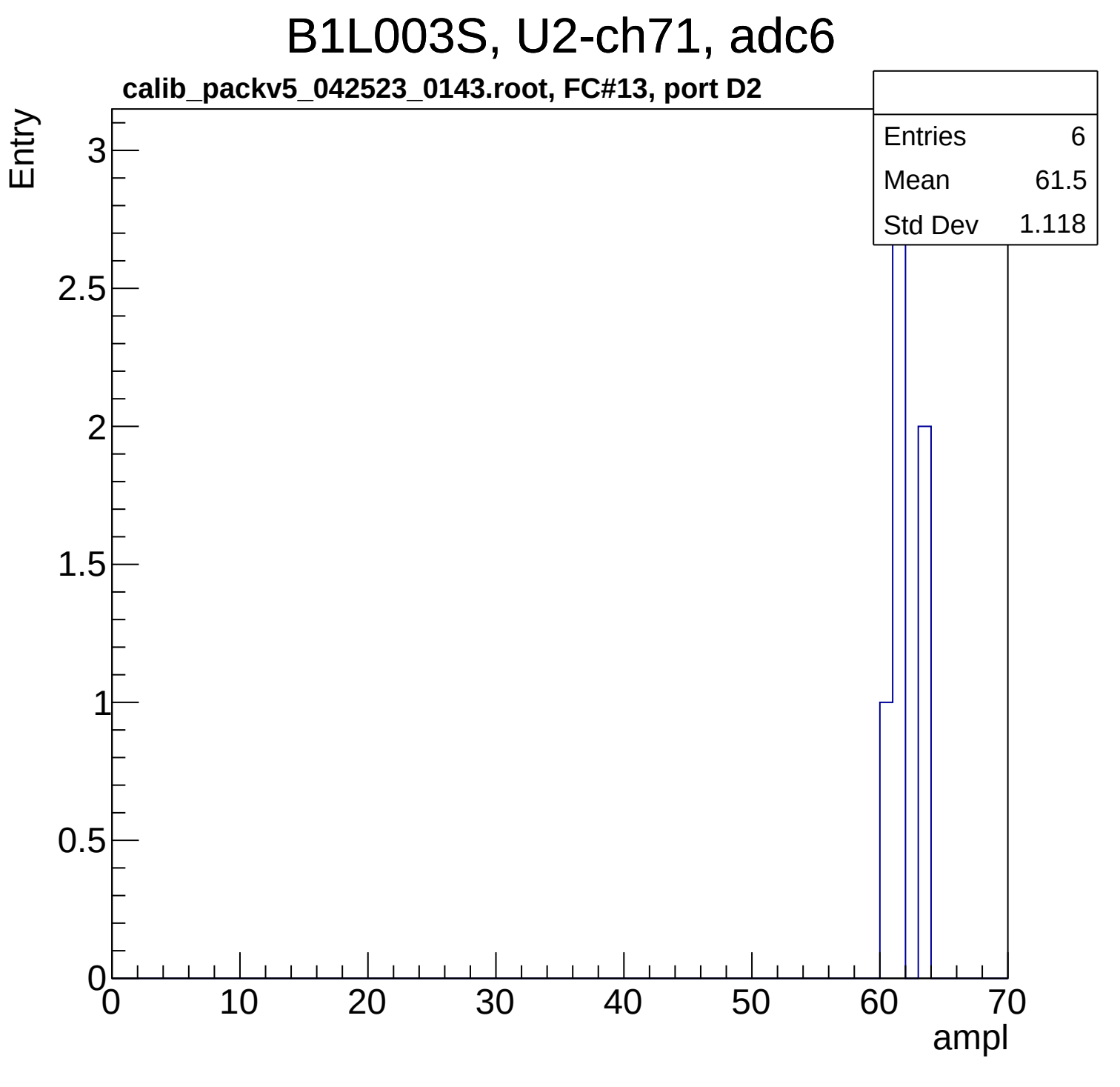
B1L003S, U2-ch71, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 61.5
Std Dev 1.118
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
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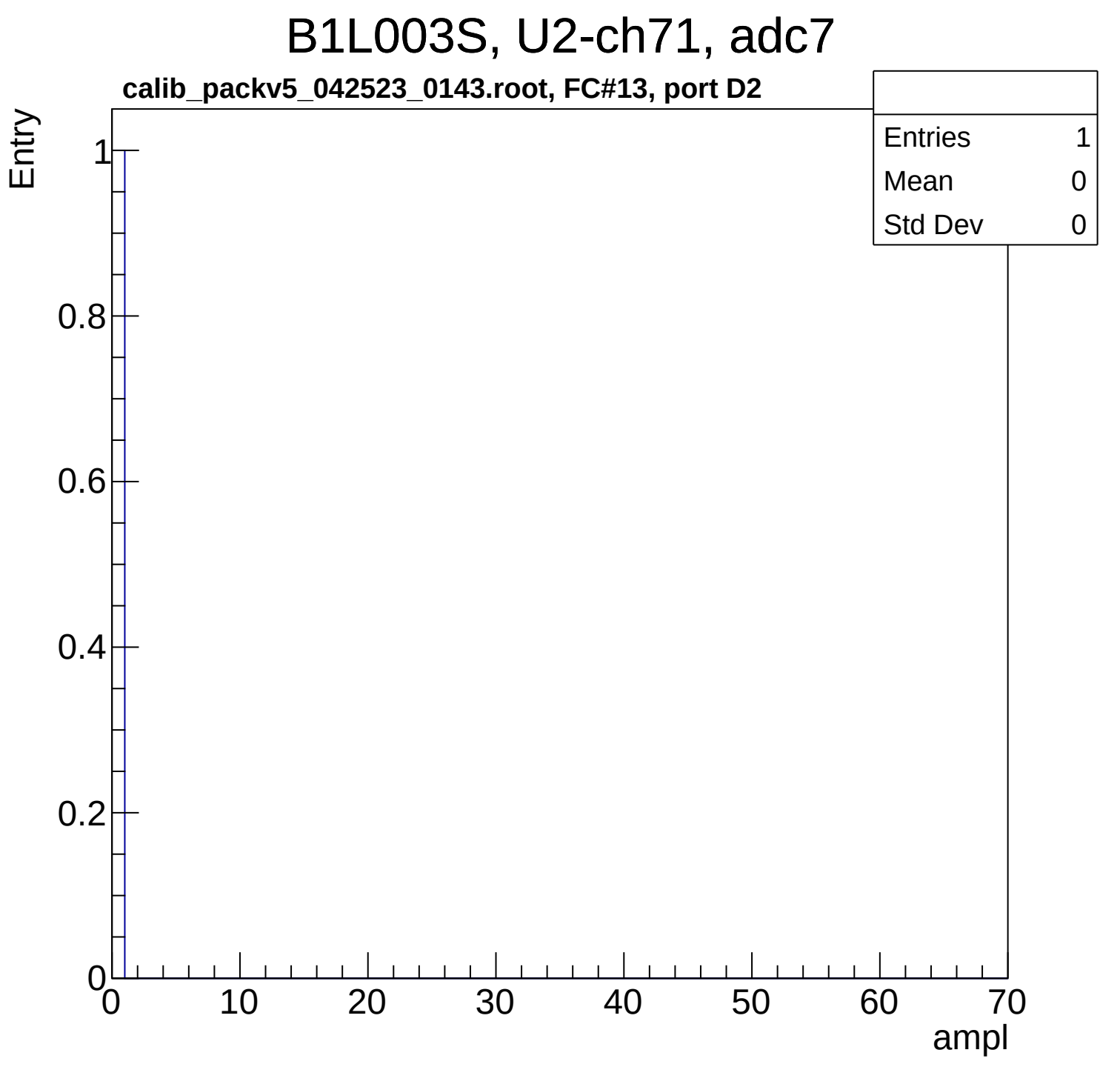
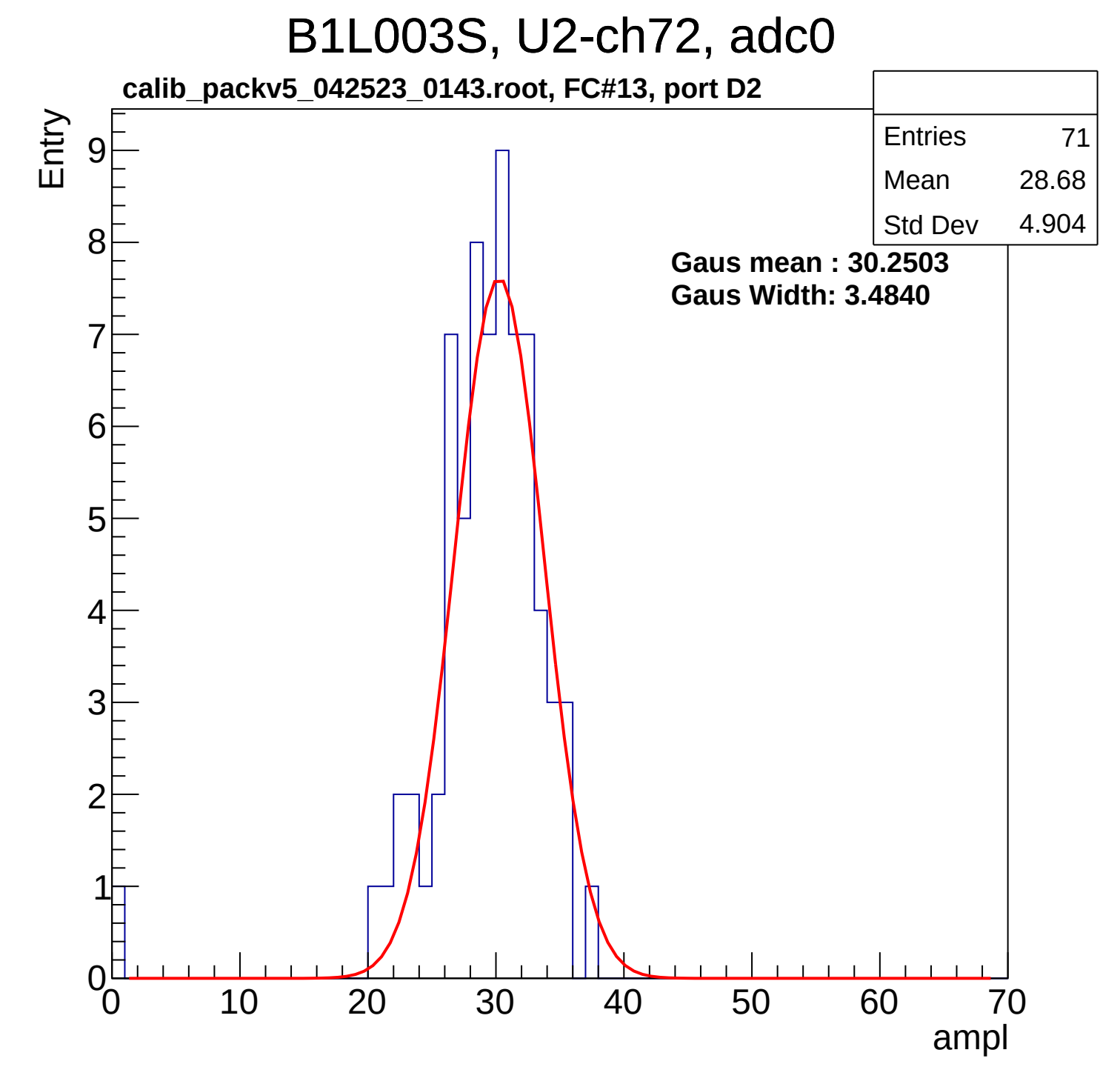
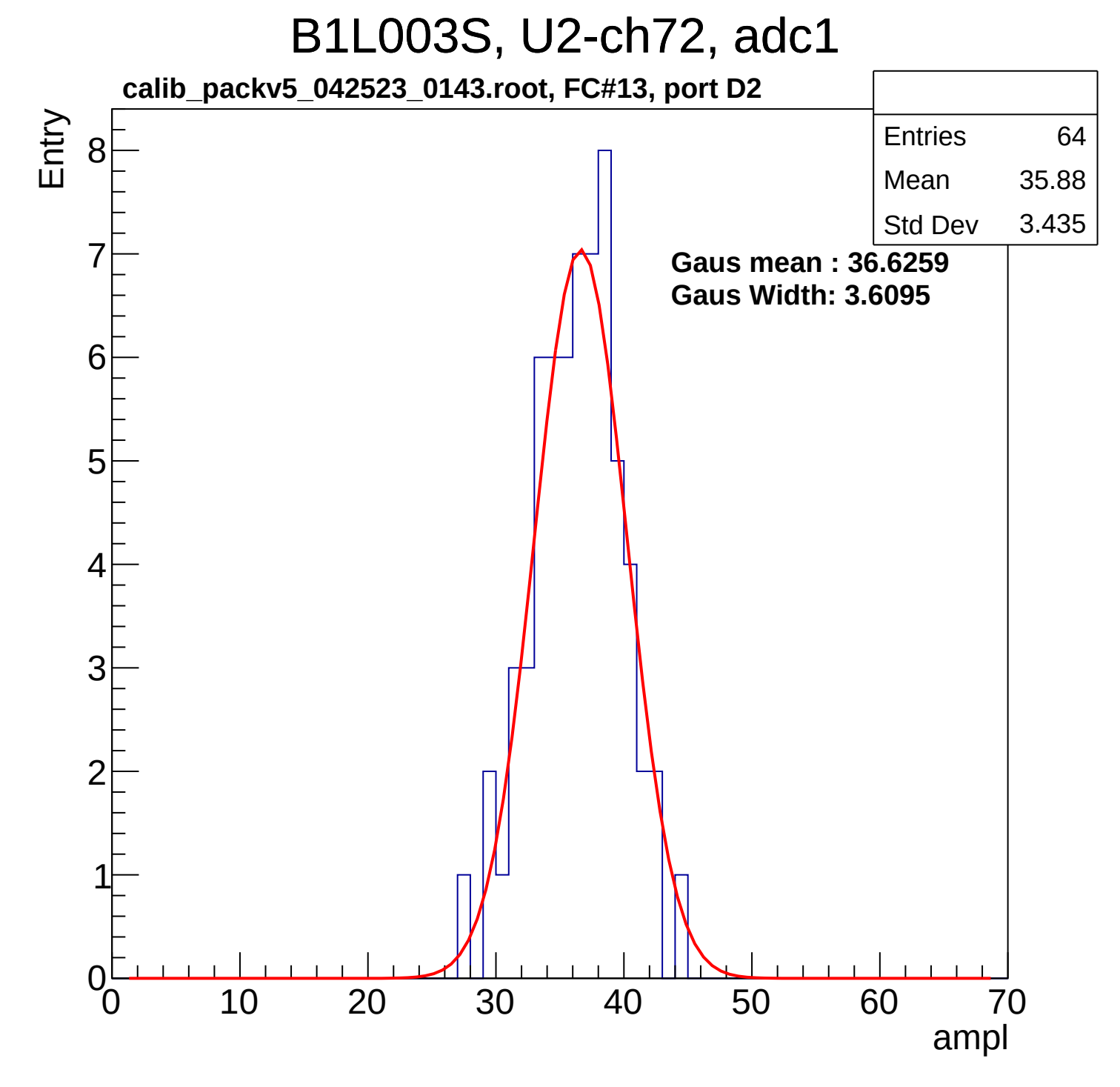
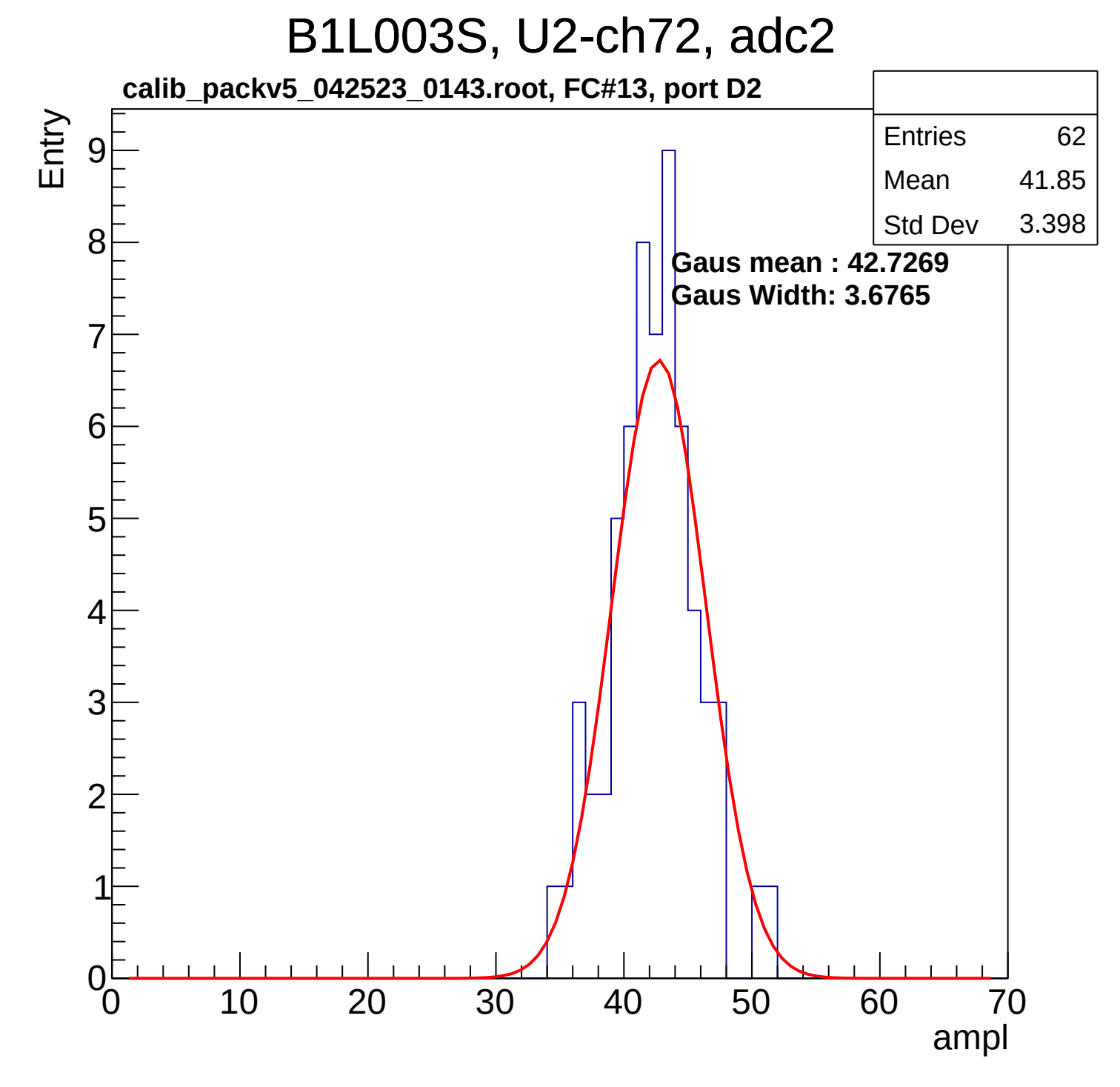
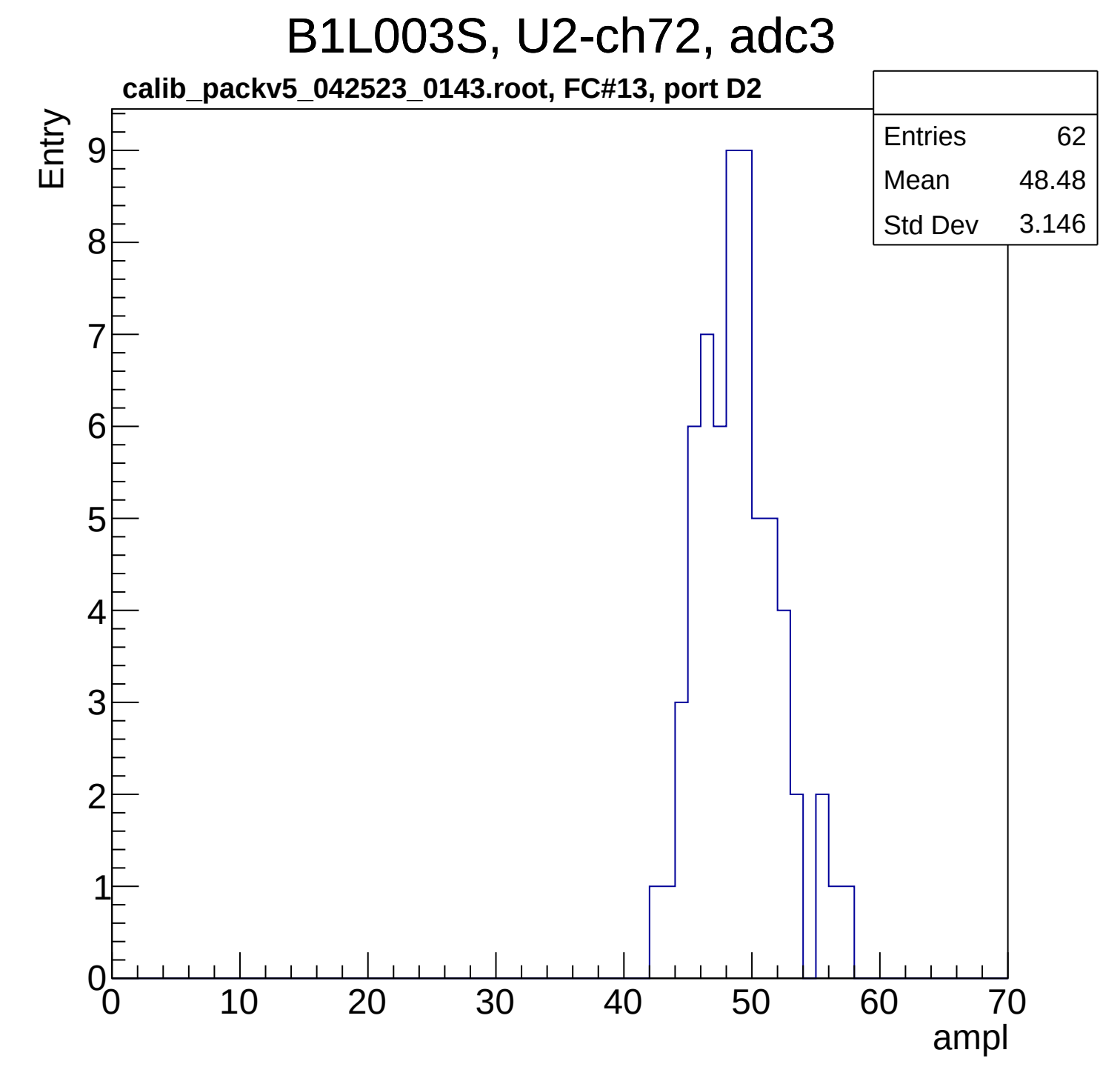
40
50
60
70
ampl


B1L003S, U2-ch71, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch72, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 28.68
Std Dev 4.904
Gaus mean : 30.2503
Gaus Width: 3.4840
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch72, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 35.88
Std Dev 3.435
Gaus mean : 36.6259
Gaus Width: 3.6095
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch72, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 41.85
Std Dev 3.398
Gaus mean : 42.7269
Gaus Width: 3.6765
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch72, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 48.48
Std Dev 3.146
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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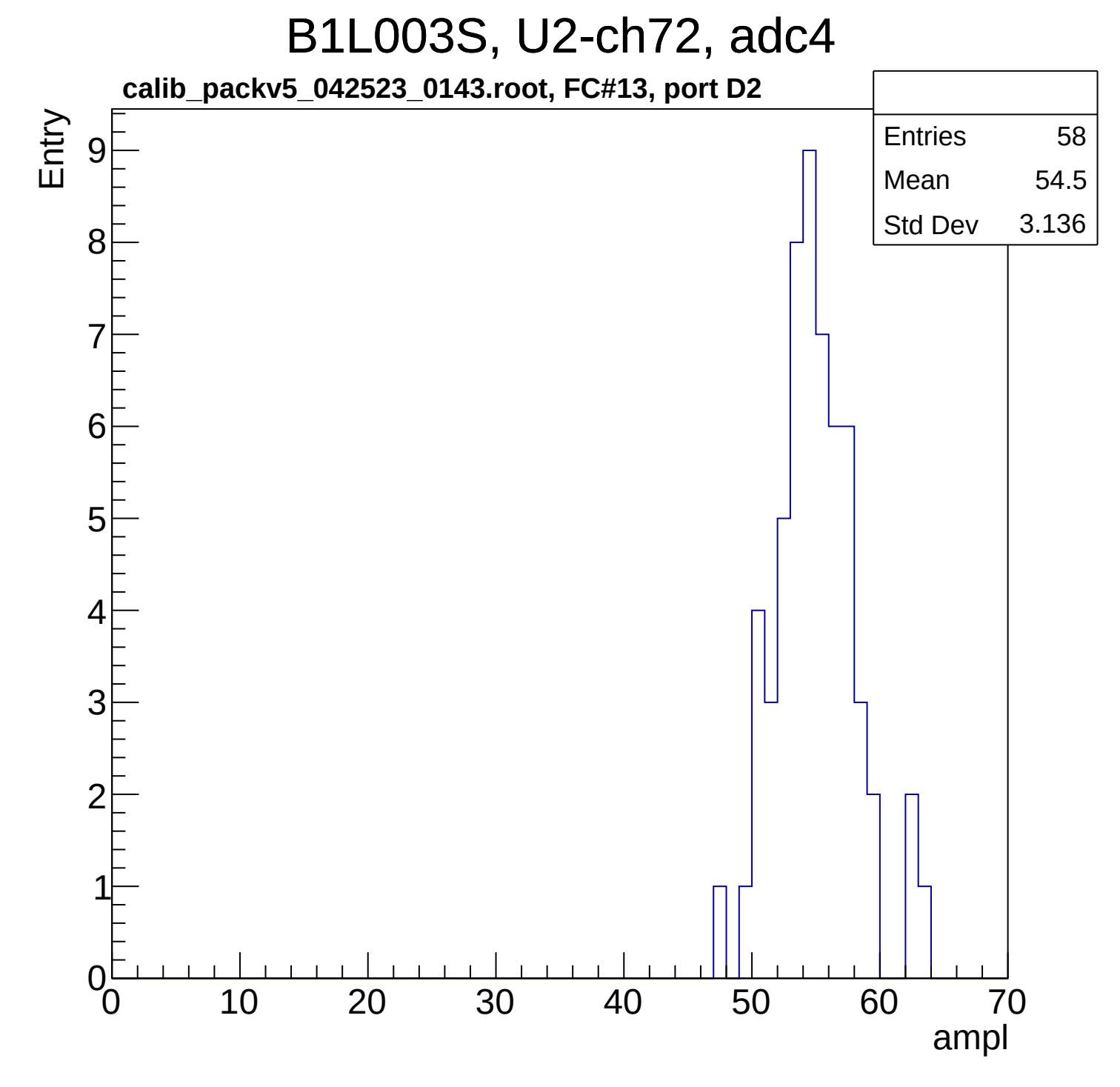
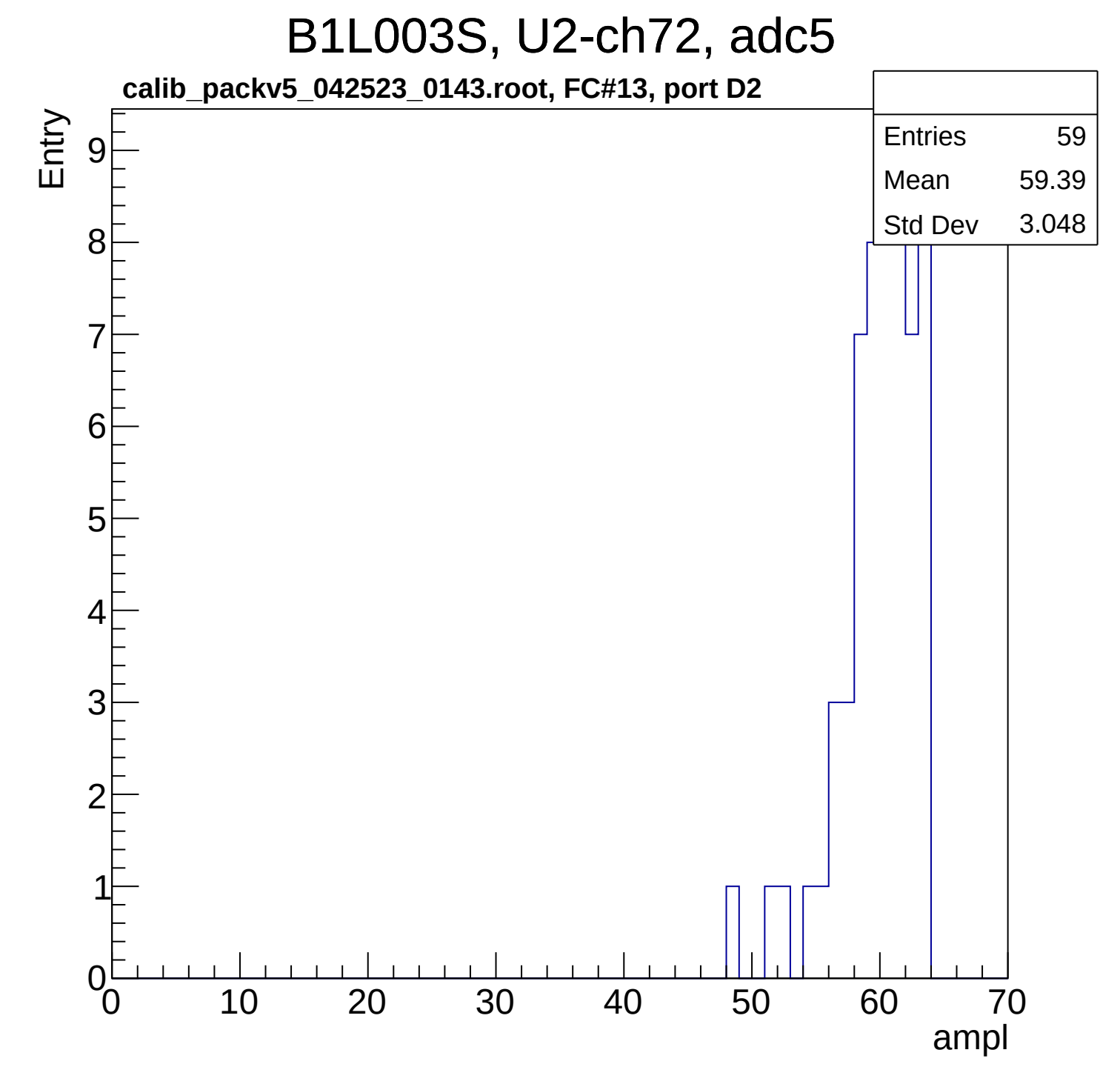

B1L003S, U2-ch72, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 54.5
Std Dev 3.136
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch72, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 59.39
Std Dev 3.048
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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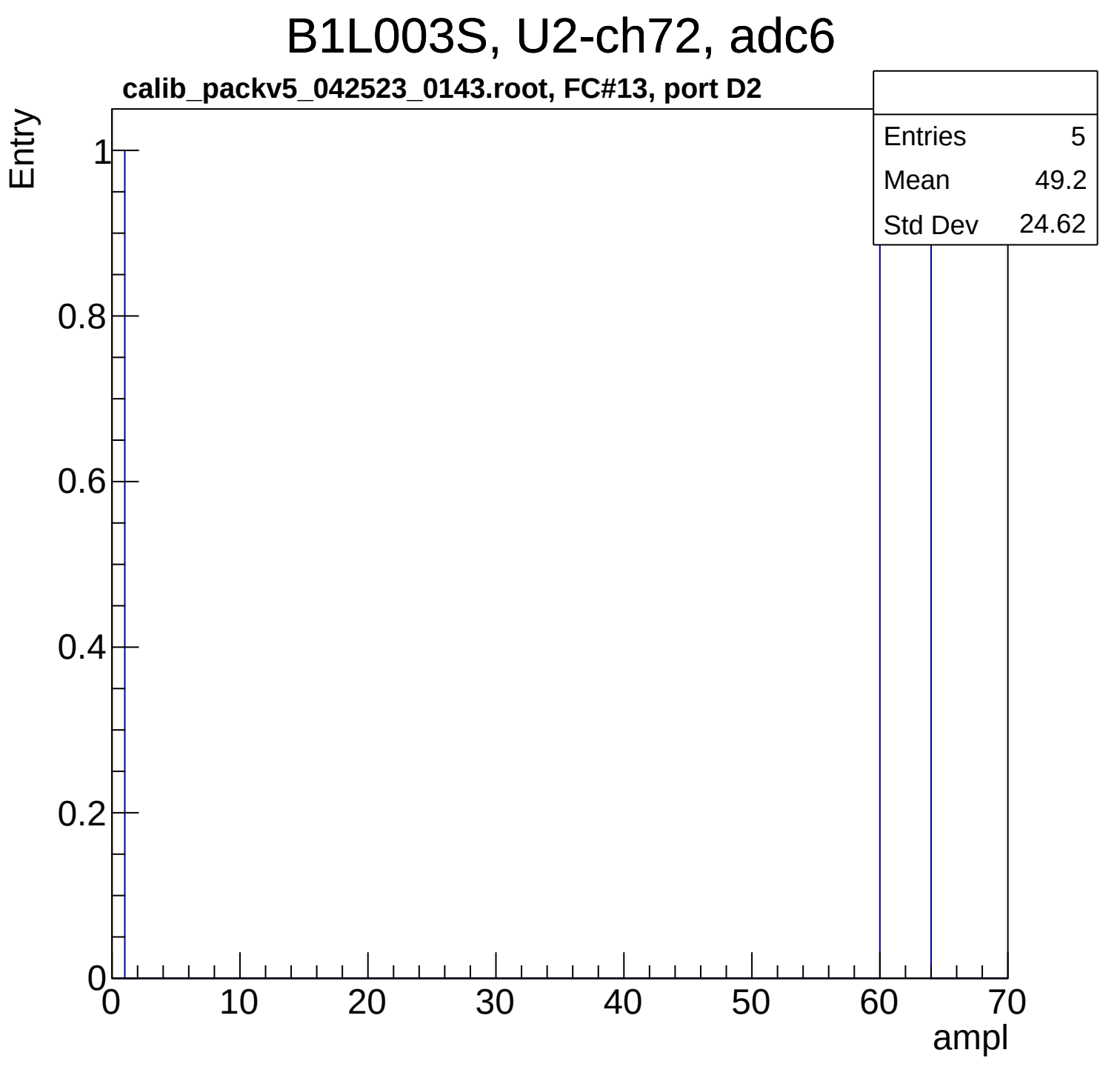
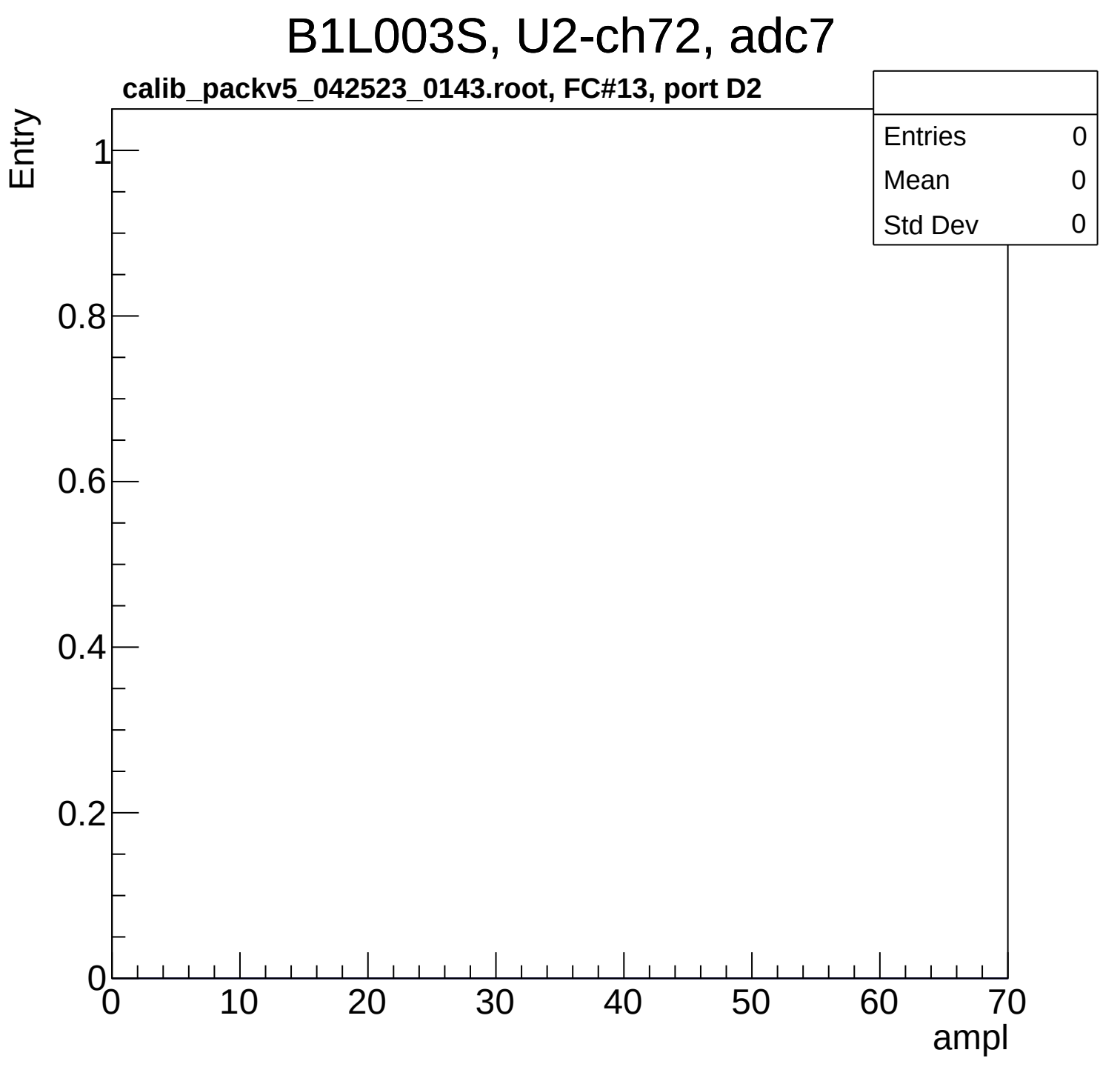
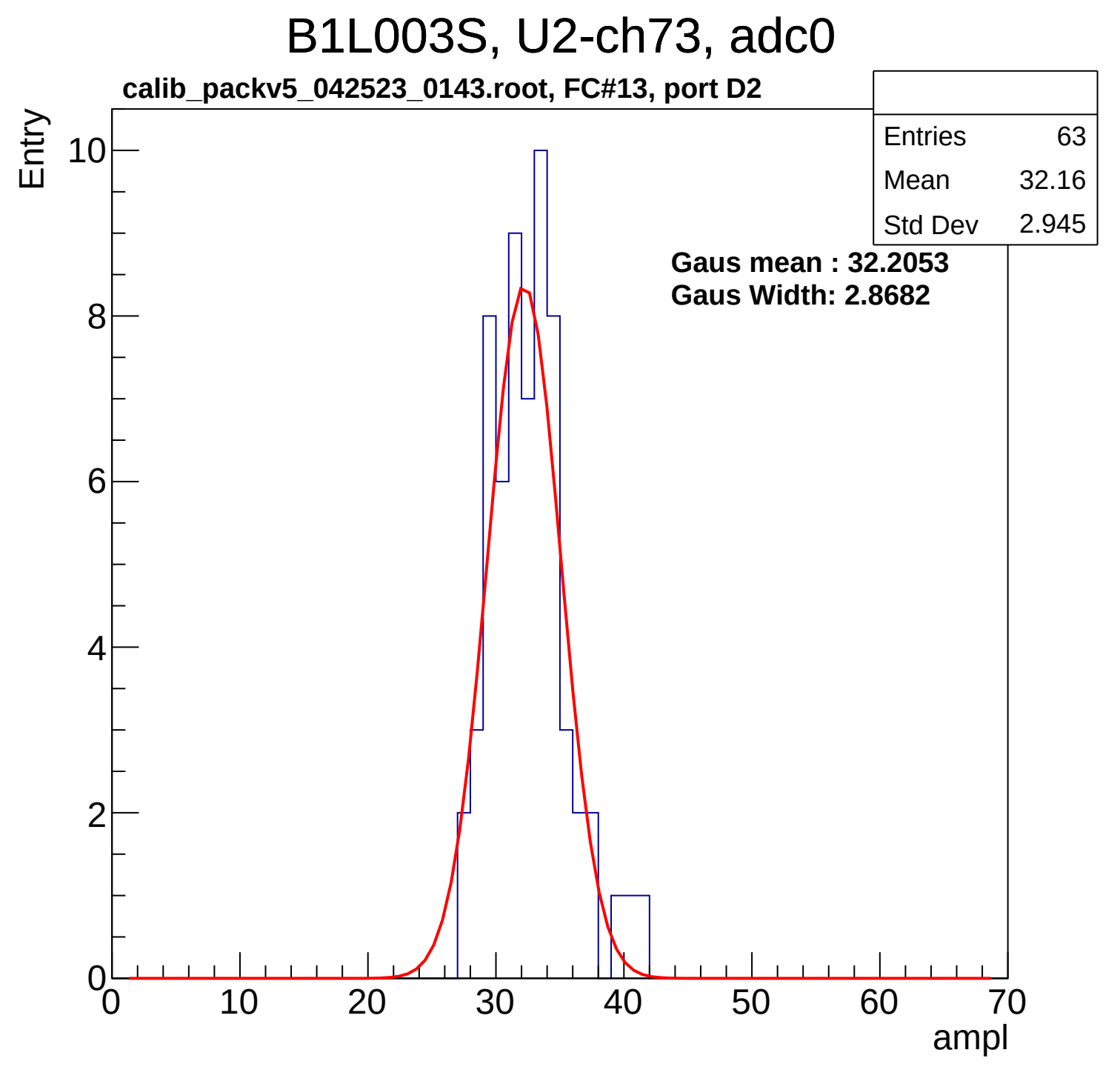
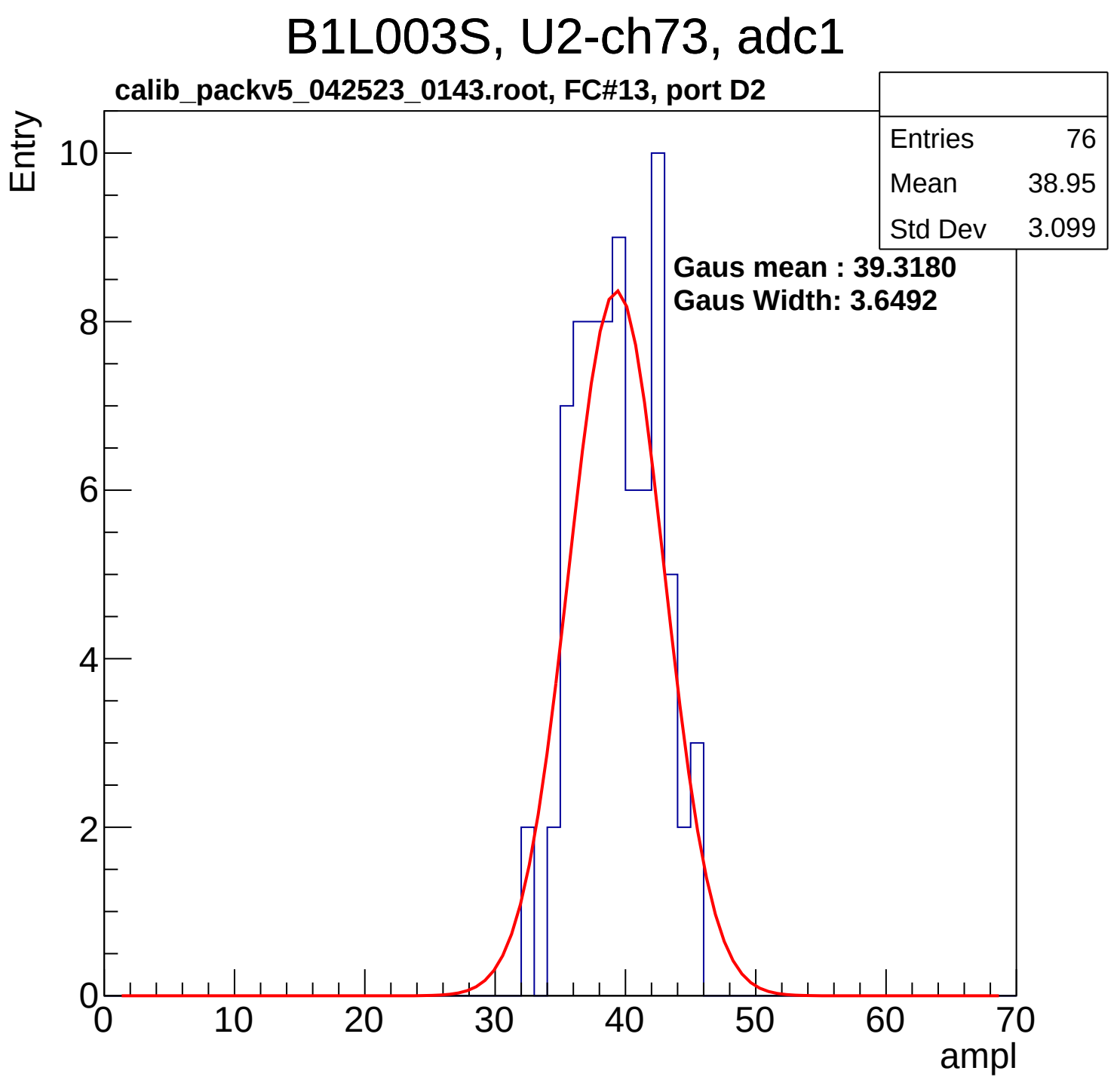

B1L003S, U2-ch72, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 49.2
Std Dev 24.62
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch72, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch73, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 32.16
Std Dev 2.945
Gaus mean : 32.2053
Gaus Width: 2.8682
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch73, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 38.95
Std Dev 3.099
Gaus mean : 39.3180
Gaus Width: 3.6492
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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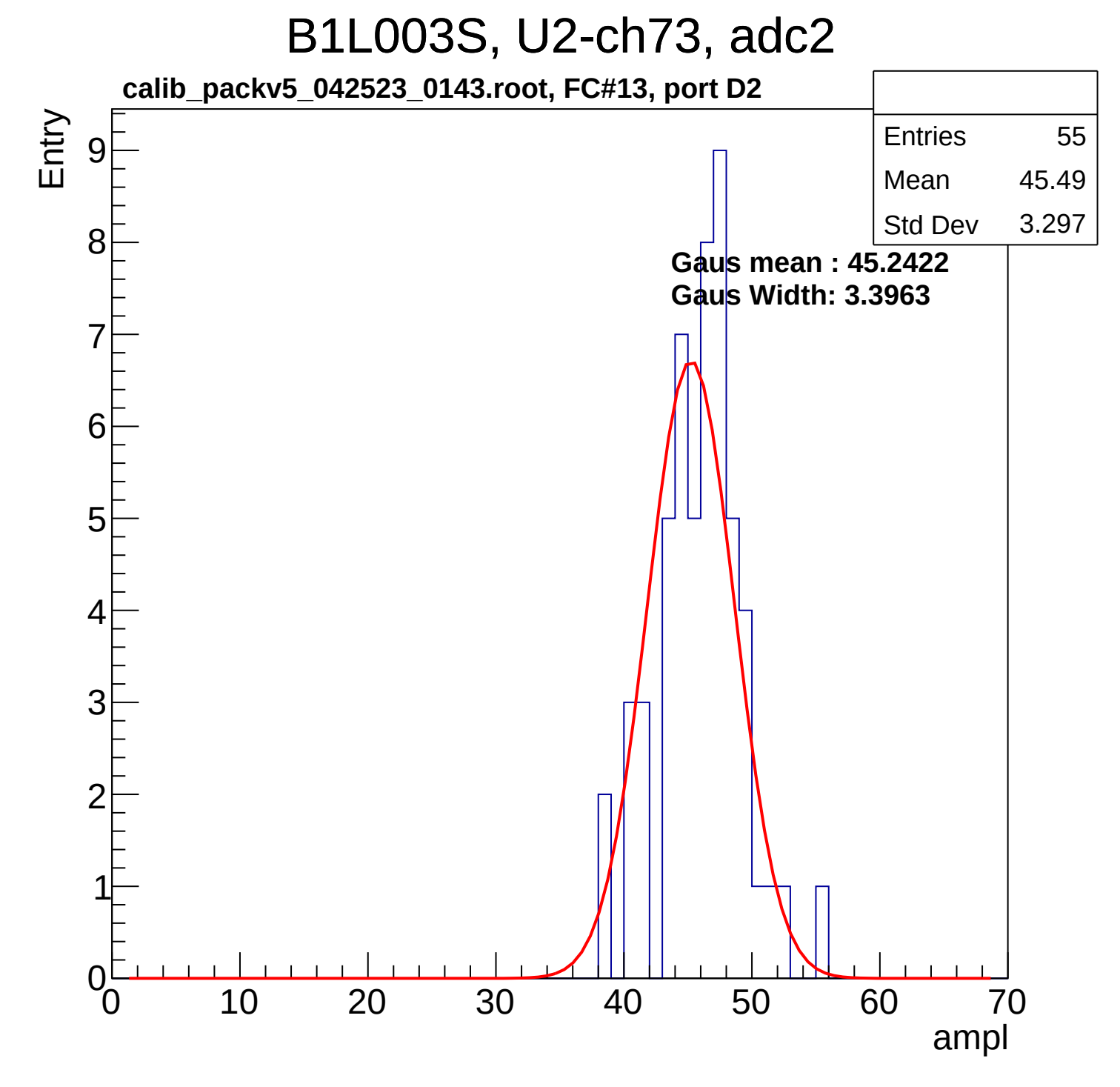
B1L003S, U2-ch73, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 45.49
Std Dev 3.297
Gaus mean : 45.2422
Gaus Width: 3.3963
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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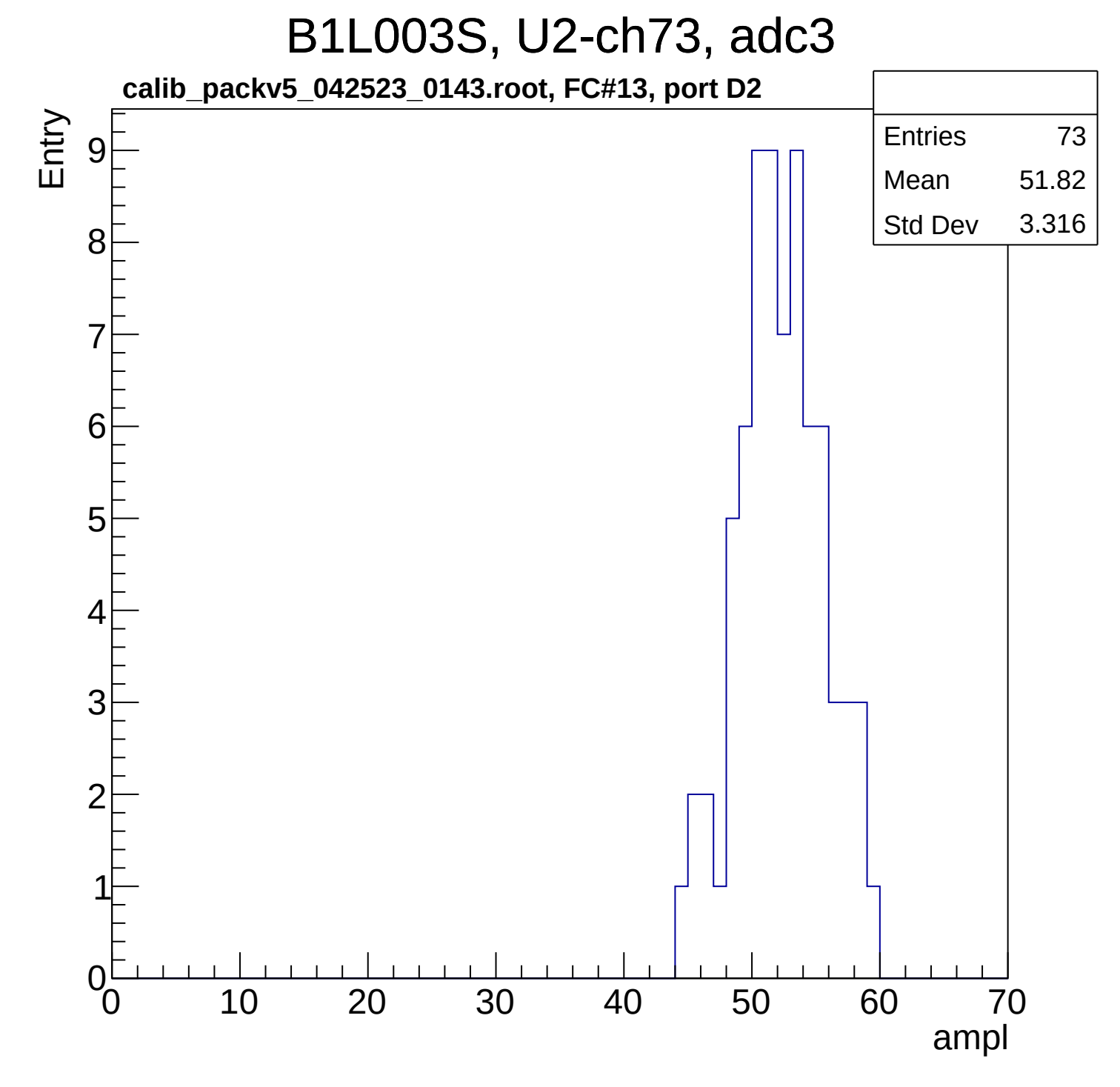
B1L003S, U2-ch73, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 51.82
Std Dev 3.316
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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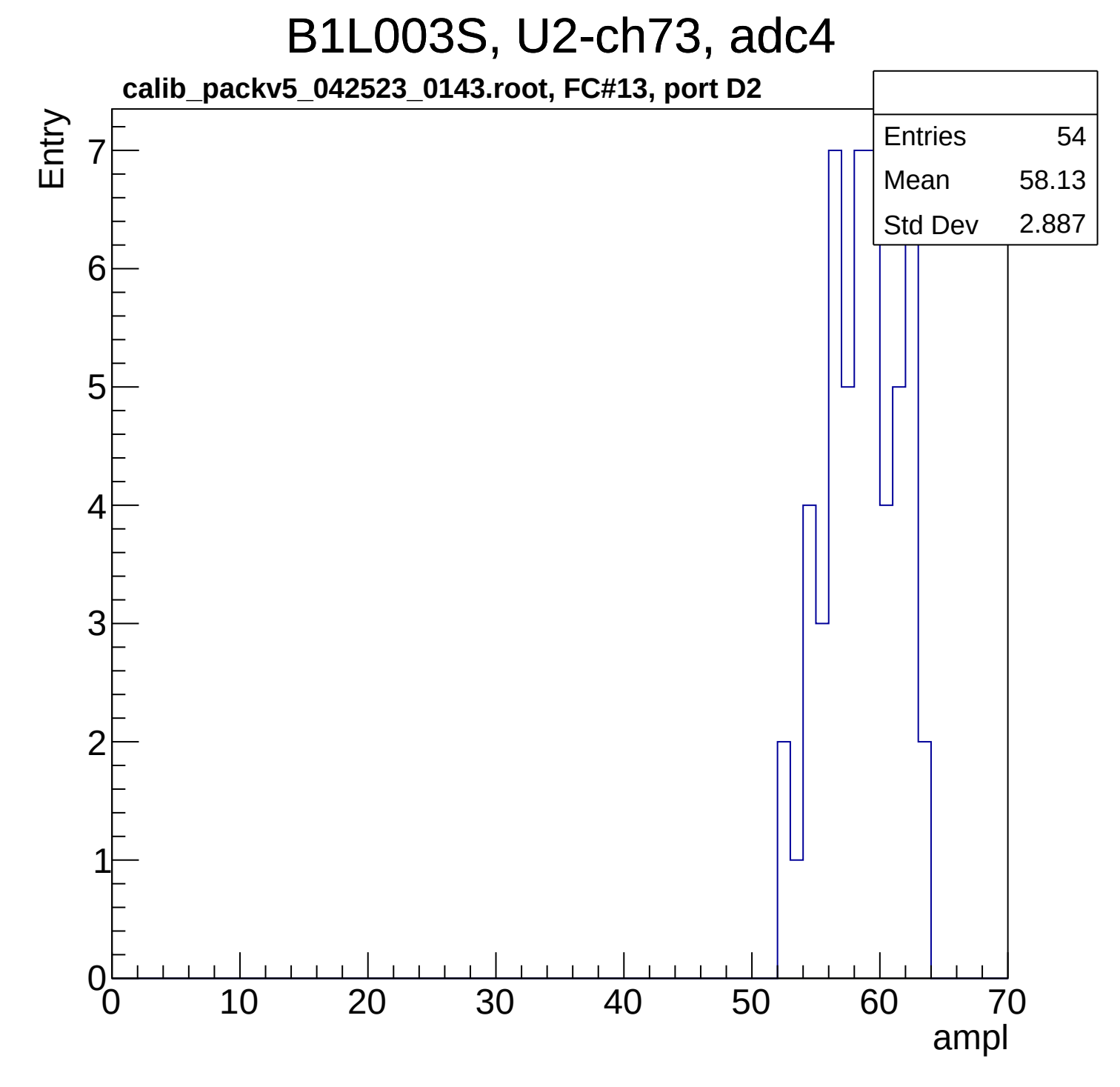
B1L003S, U2-ch73, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.13
Std Dev 2.887
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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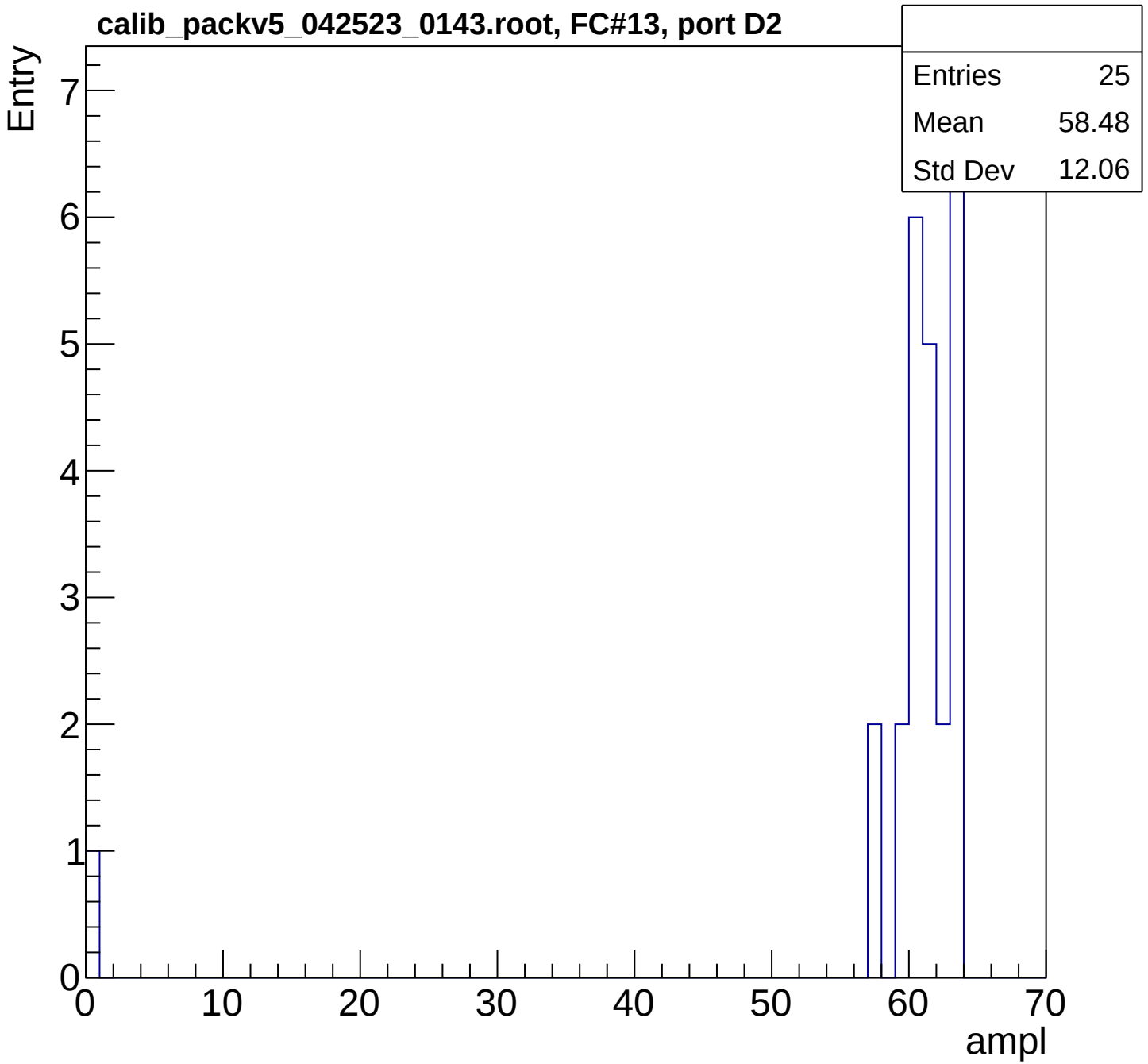
B1L003S, U2-ch73, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 25
Mean 58.48
Std Dev 12.06
Entry
ampl
0
1
2
3
4
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6
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0
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60
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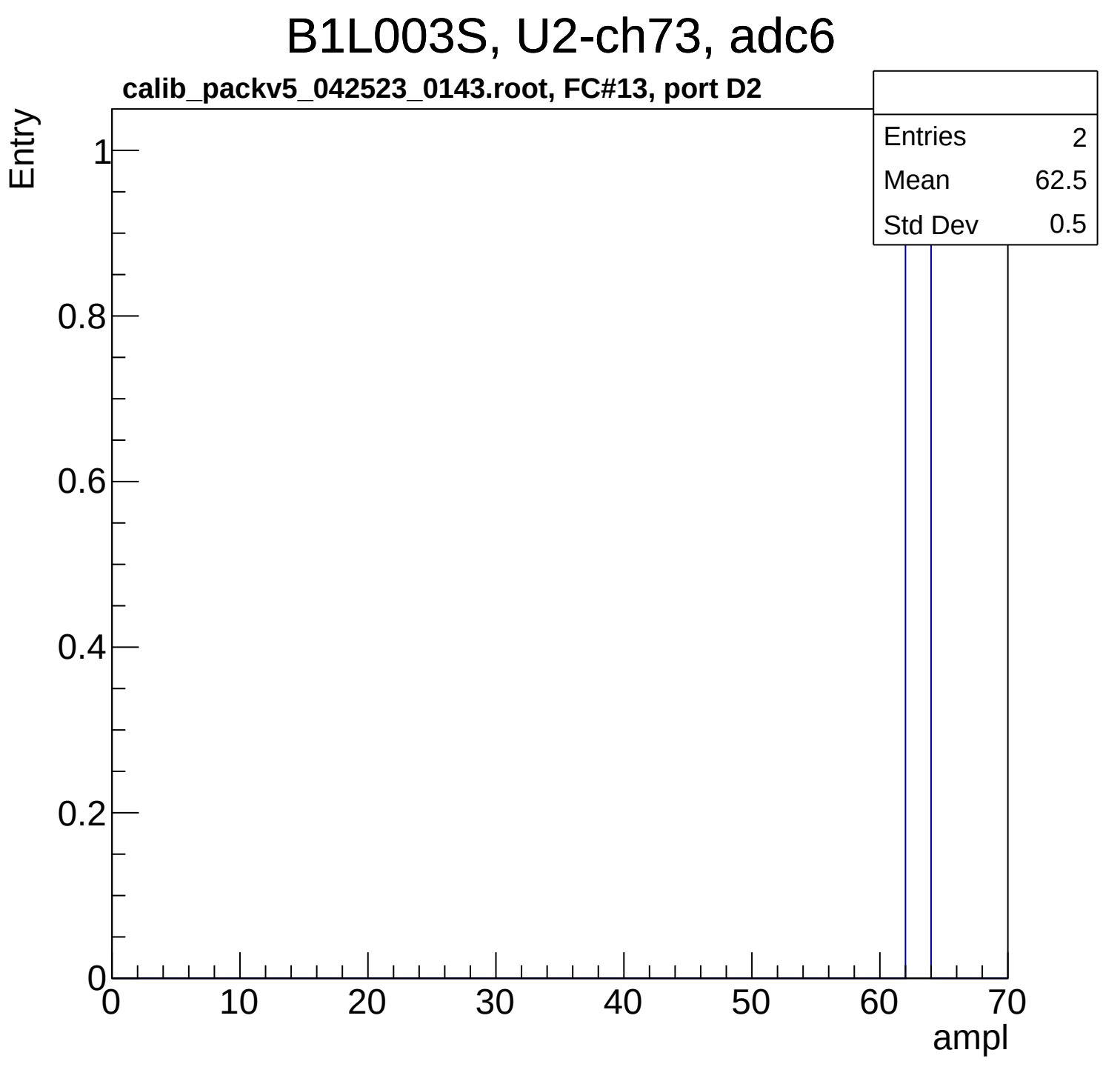
B1L003S, U2-ch73, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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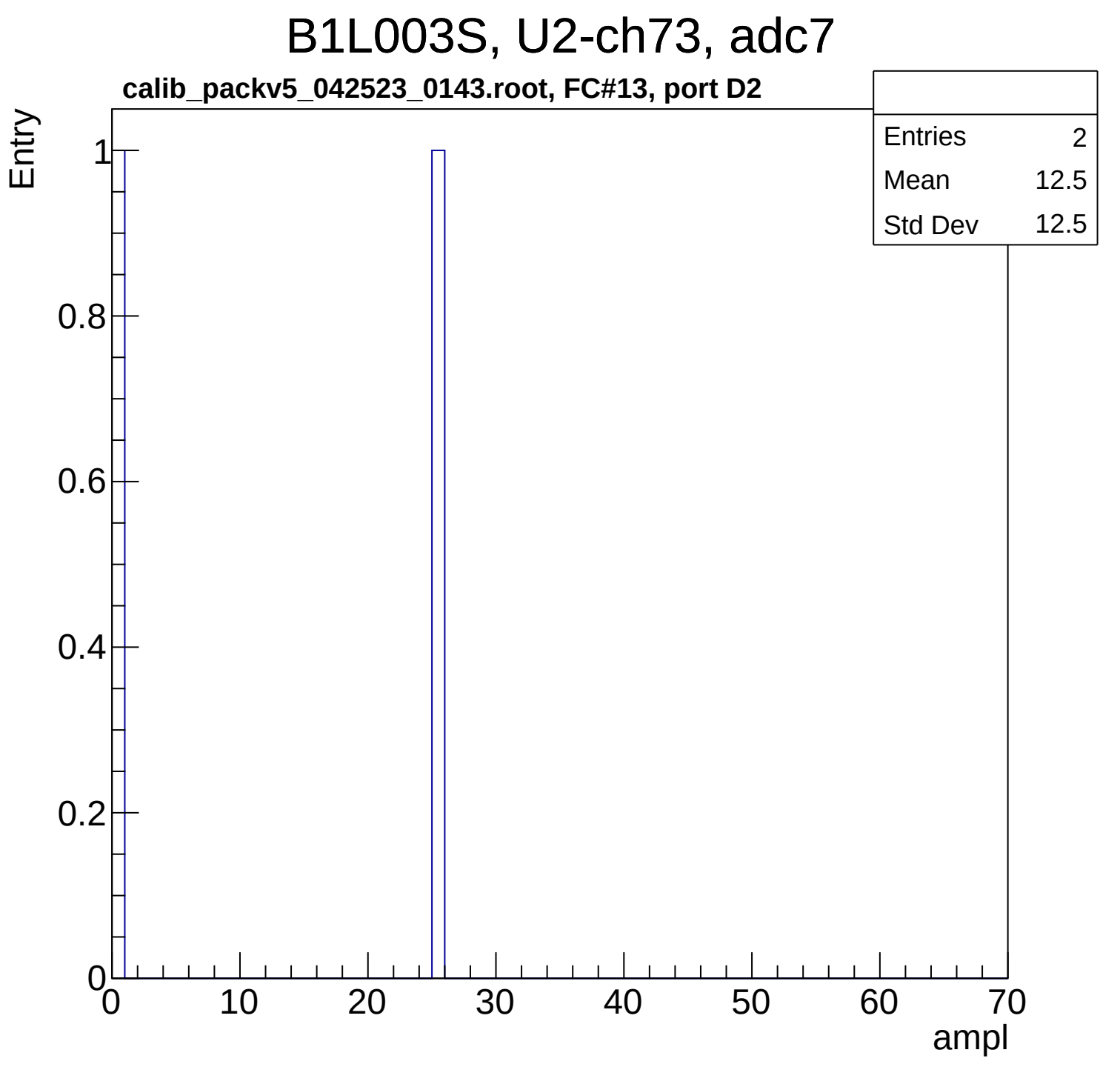
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch73, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12.5
Std Dev 12.5
Entry
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0.8
0.6
0.4
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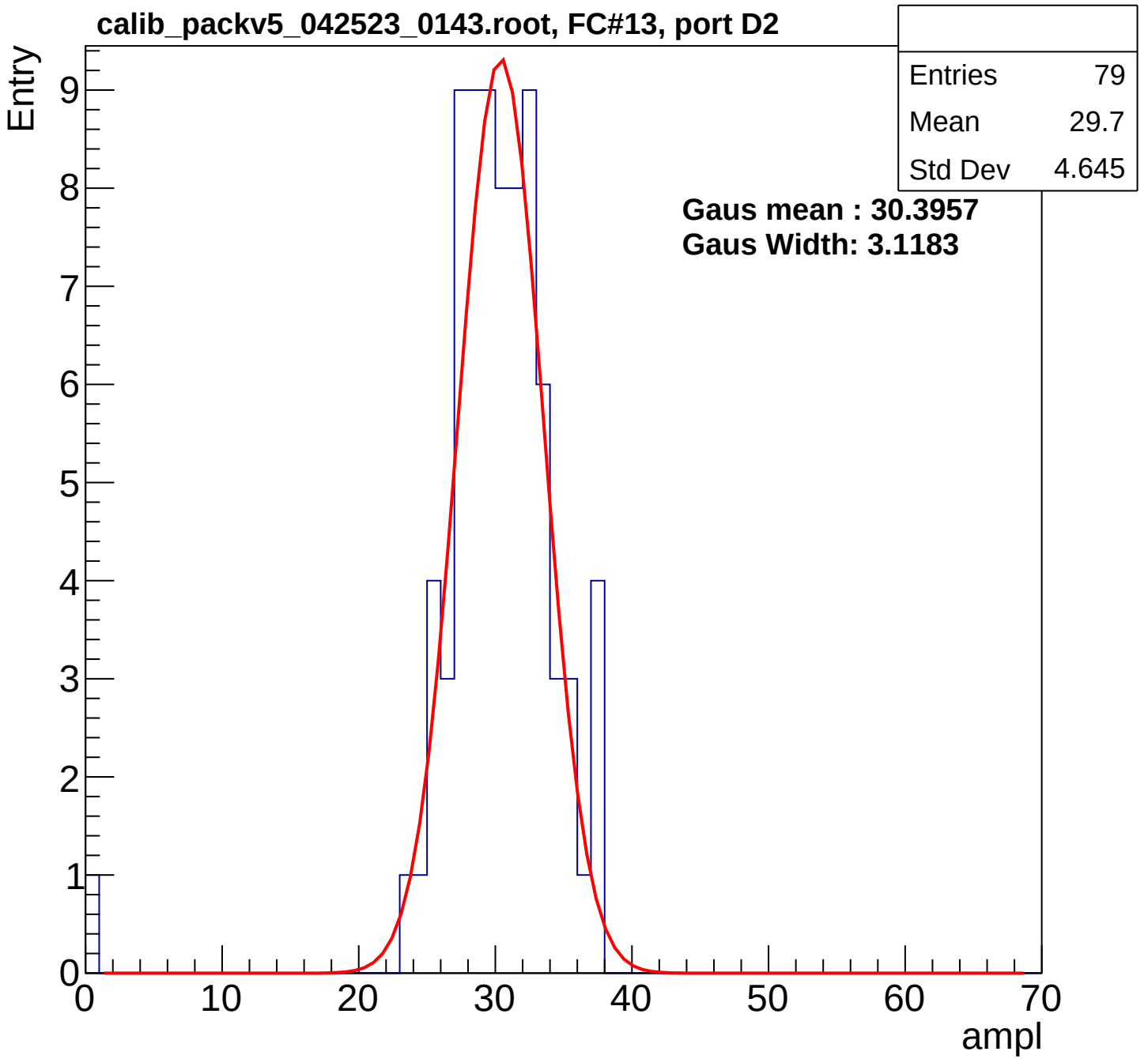
70
ampl


B1L003S, U2-ch74, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 29.7
Std Dev 4.645
Gaus mean : 30.3957
Gaus Width: 3.1183
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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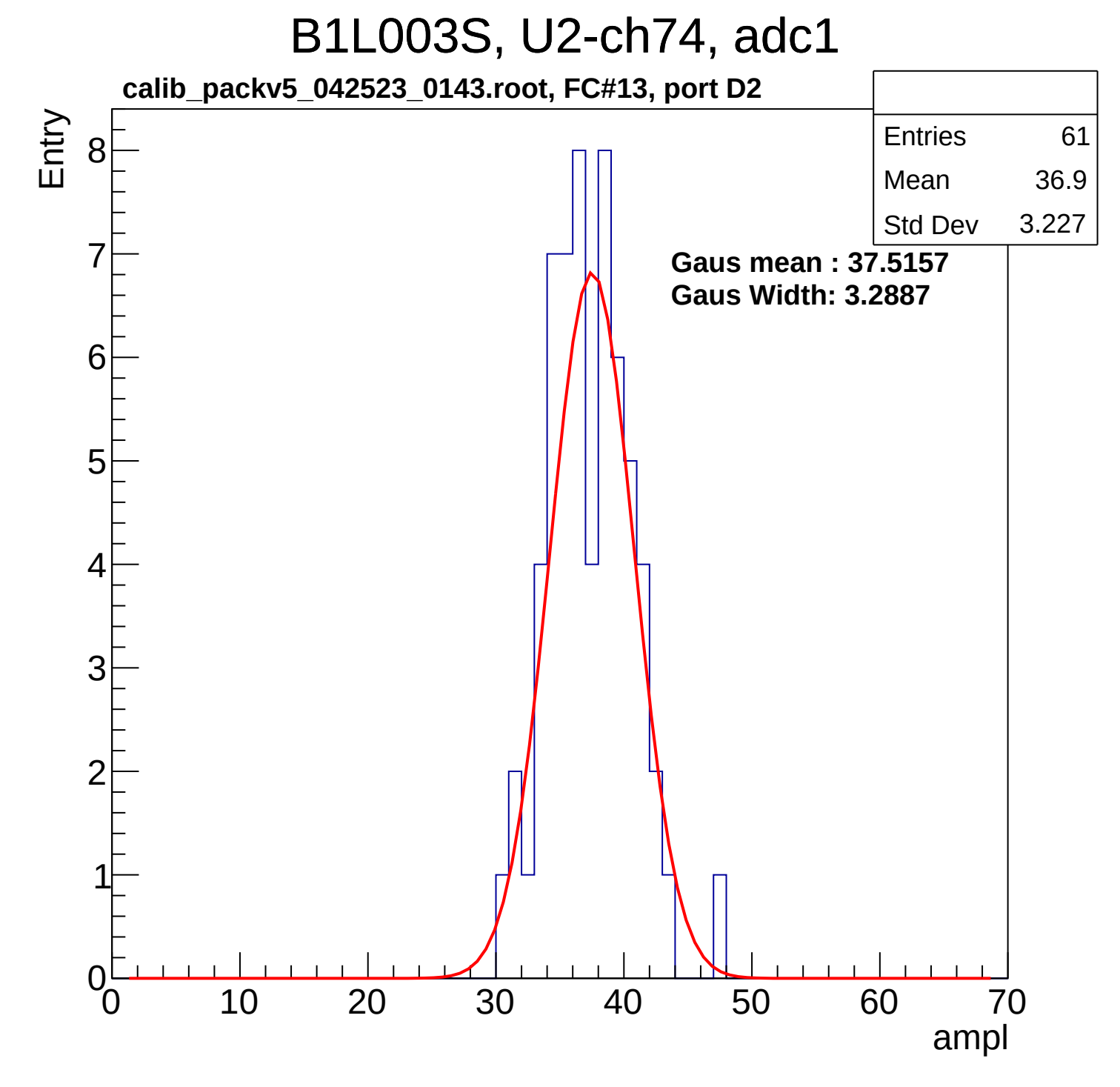
B1L003S, U2-ch74, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.9
Std Dev 3.227
Gaus mean : 37.5157
Gaus Width: 3.2887
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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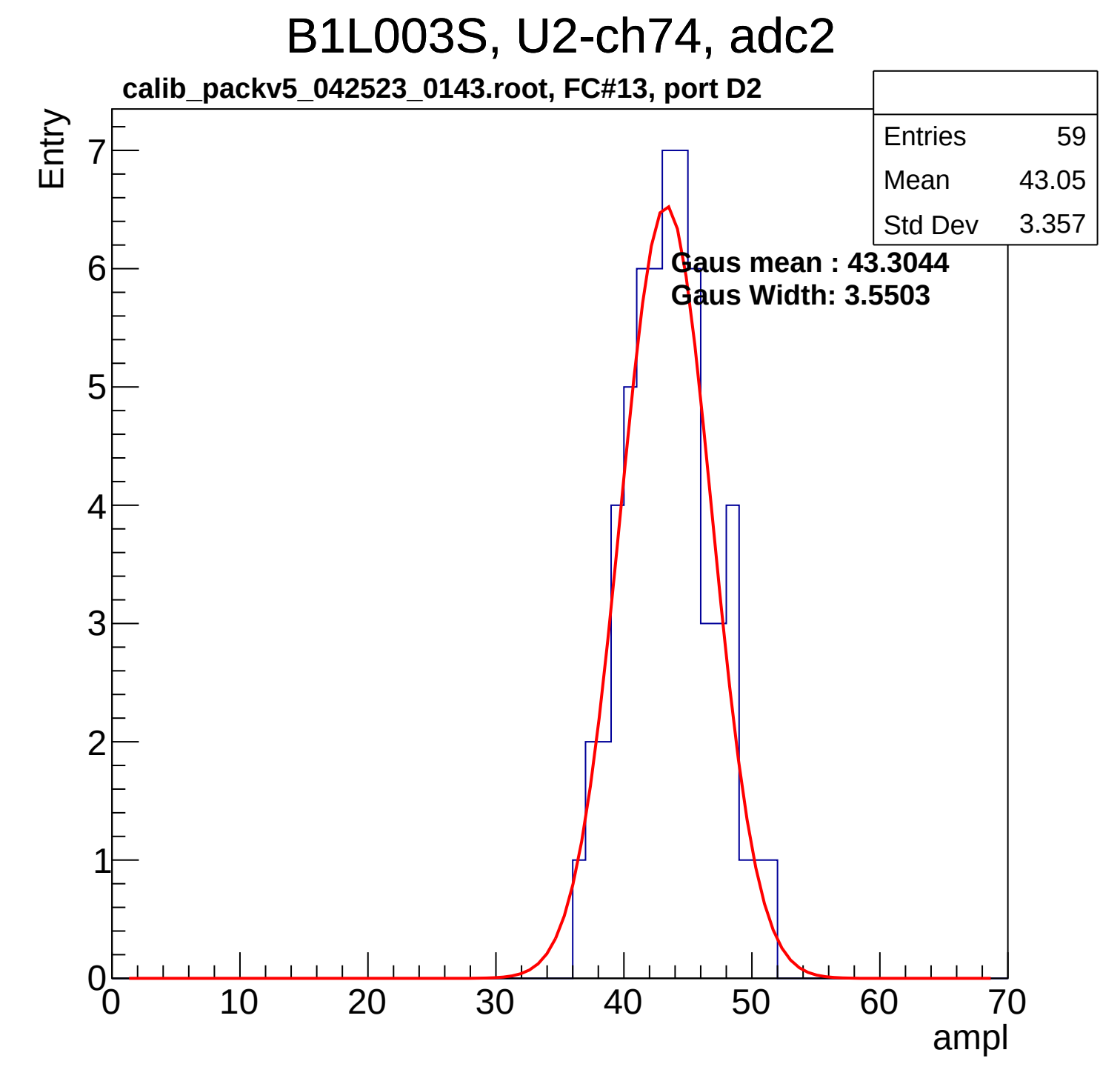
B1L003S, U2-ch74, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 43.05
Std Dev 3.357
Gaus mean : 43.3044
Gaus Width: 3.5503
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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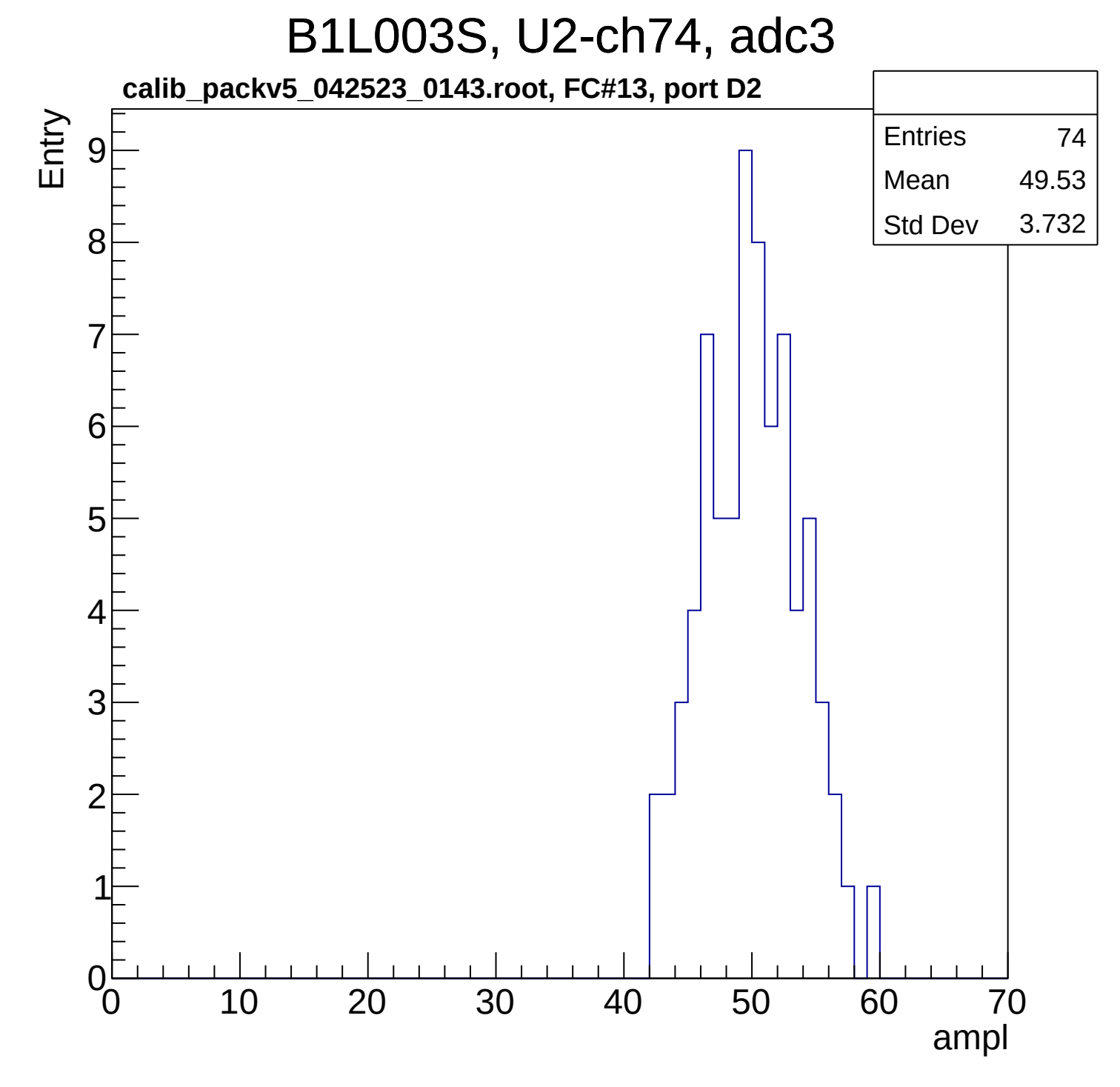
B1L003S, U2-ch74, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 49.53
Std Dev 3.732
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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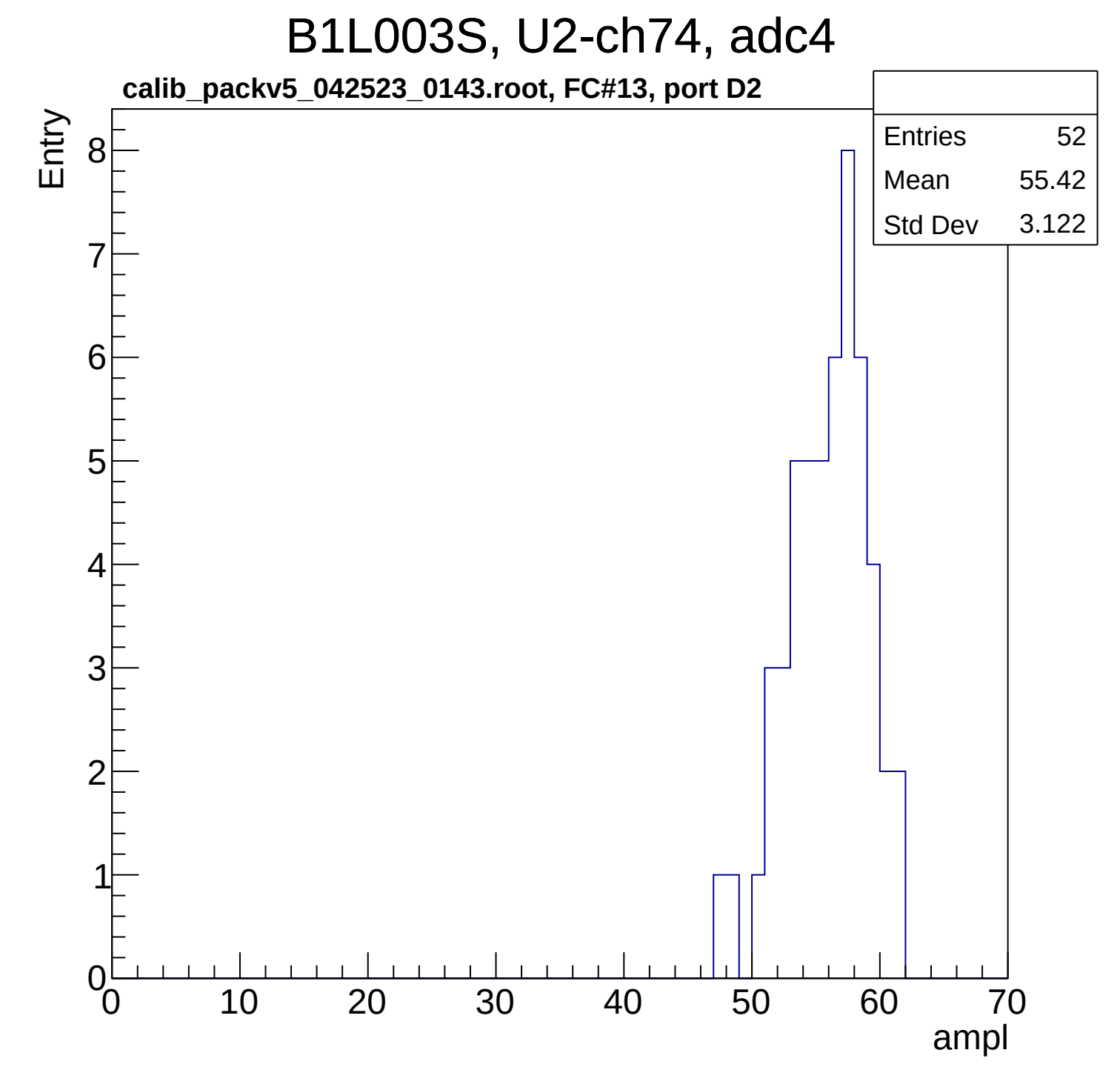
B1L003S, U2-ch74, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 55.42
Std Dev 3.122
Entry
ampl
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1
2
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5
6
7
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0
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60
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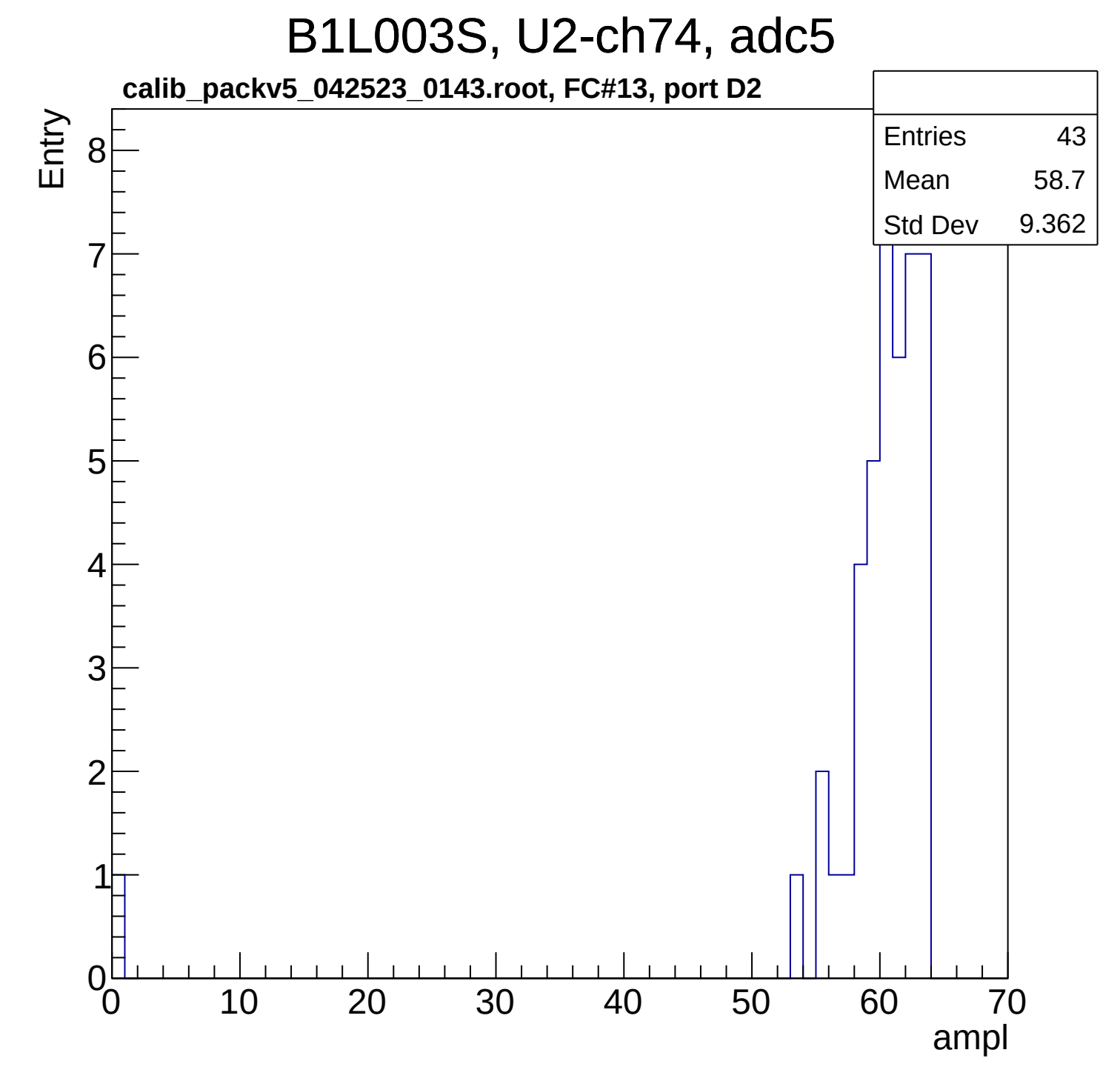
B1L003S, U2-ch74, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 58.7
Std Dev 9.362
Entry
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2
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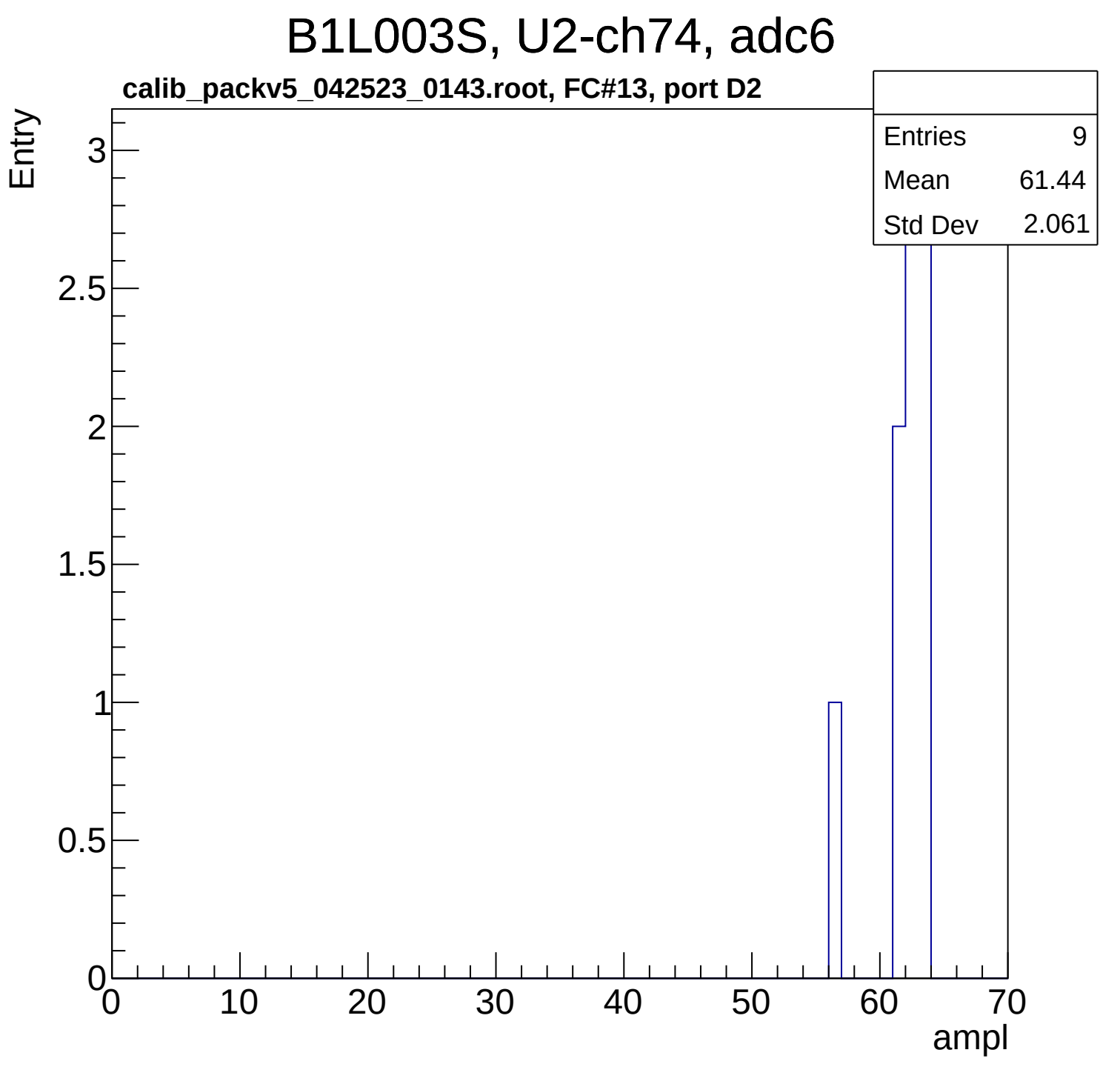
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch74, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.44
Std Dev 2.061
Entry
ampl
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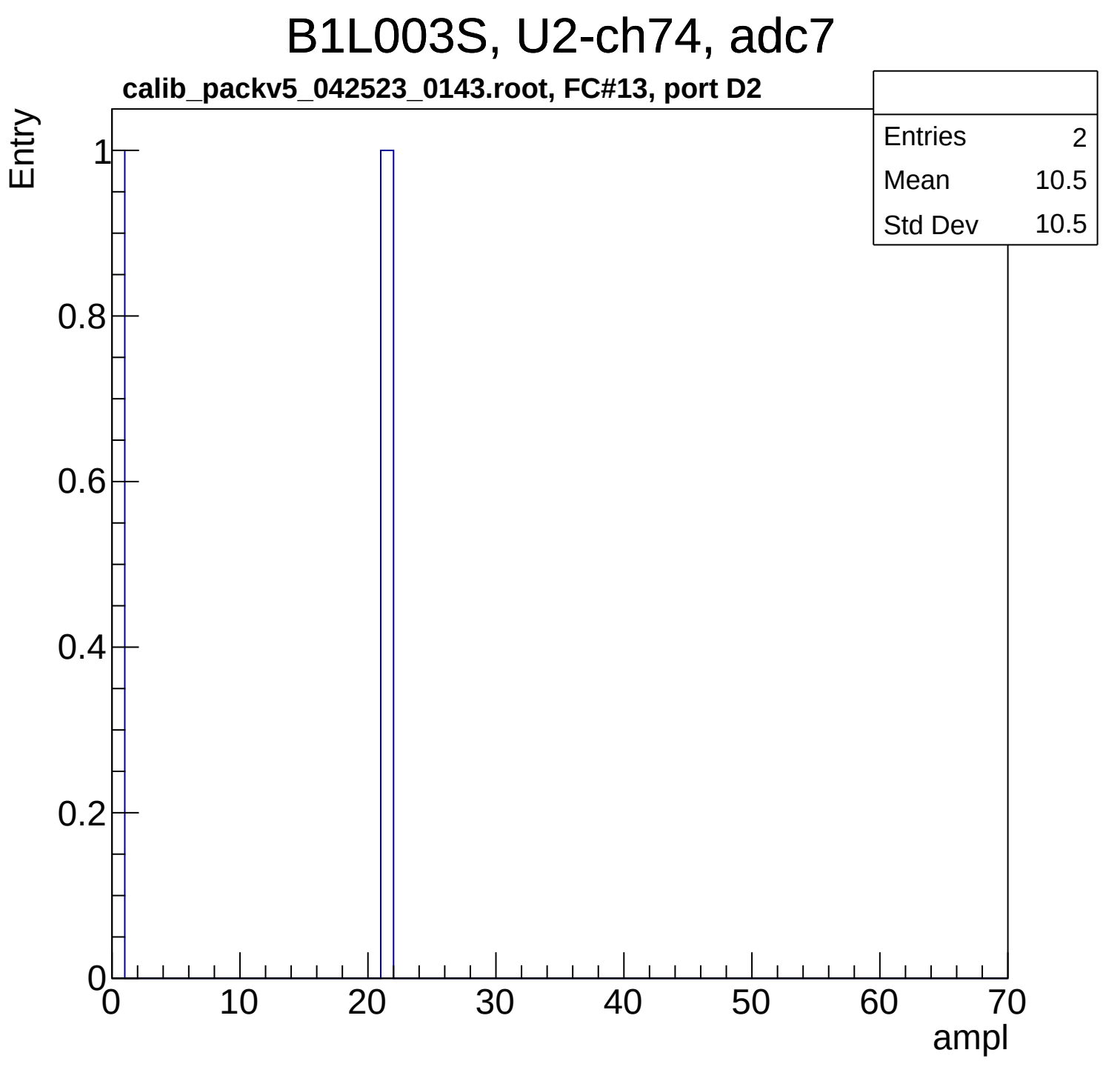
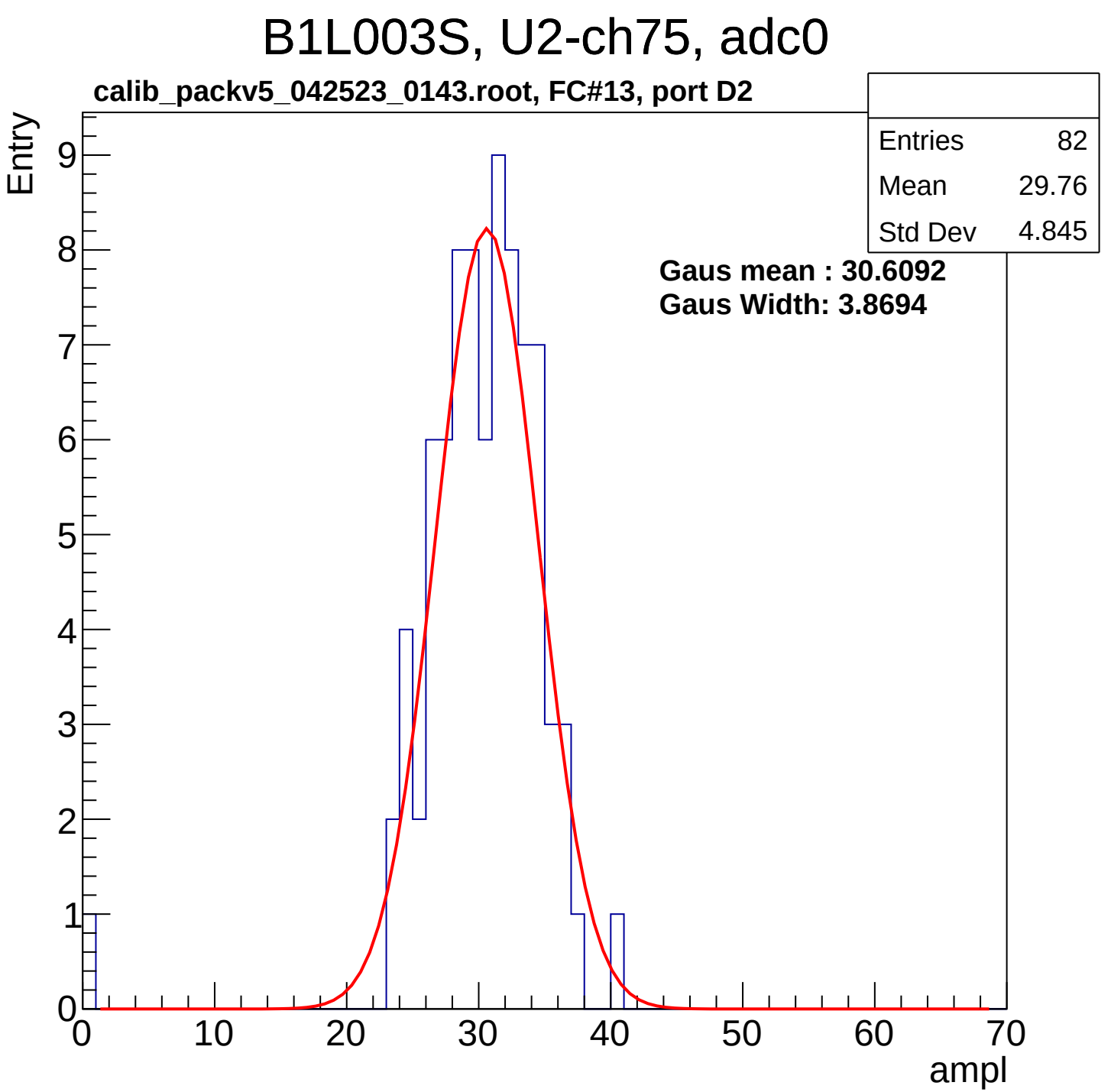
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch74, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch75, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 29.76
Std Dev 4.845
Gaus mean : 30.6092
Gaus Width: 3.8694
Entry
ampl
0
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2
3
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7
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0
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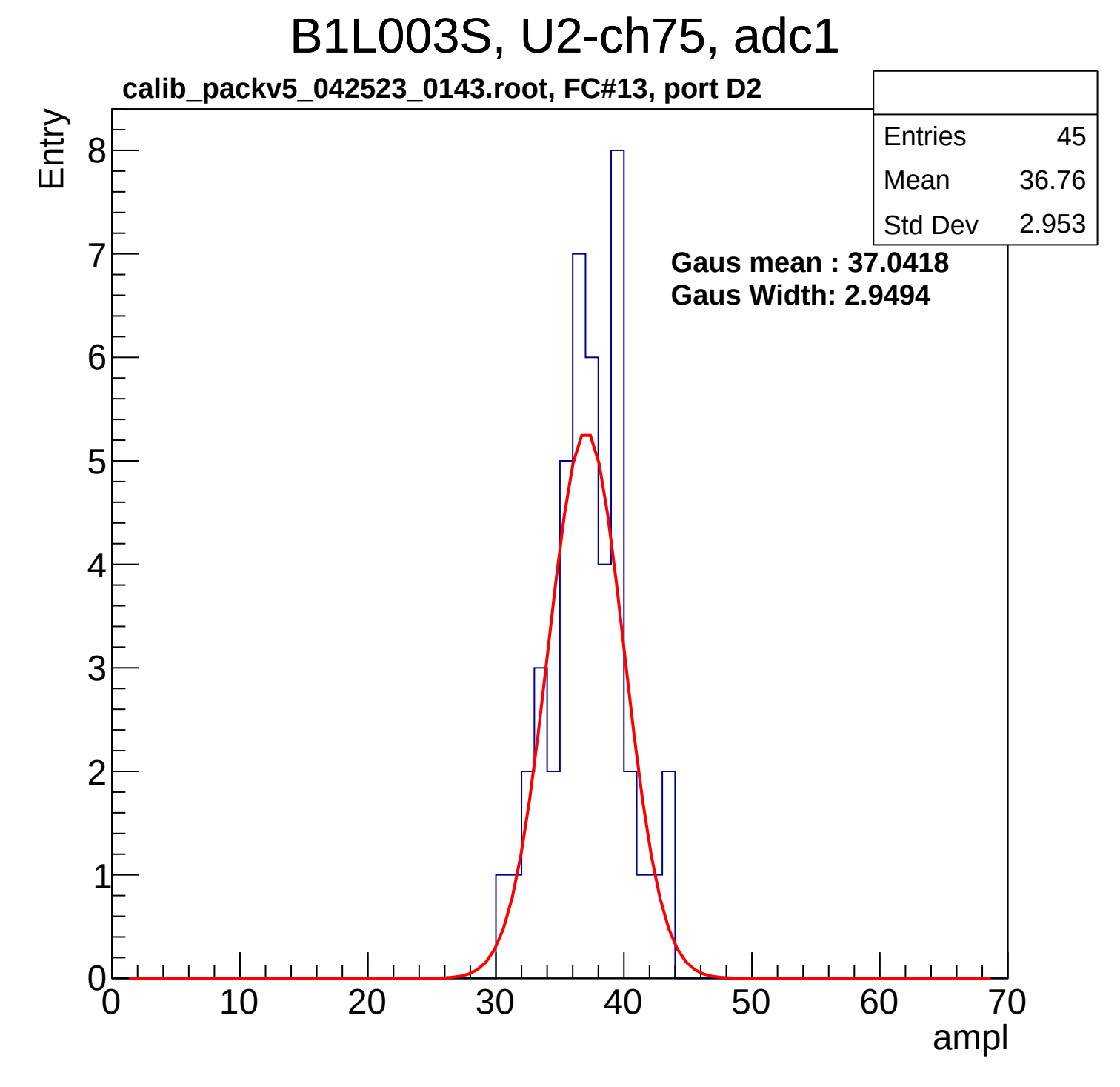
B1L003S, U2-ch75, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 36.76
Std Dev 2.953
Gaus mean : 37.0418
Gaus Width: 2.9494
Entry
ampl
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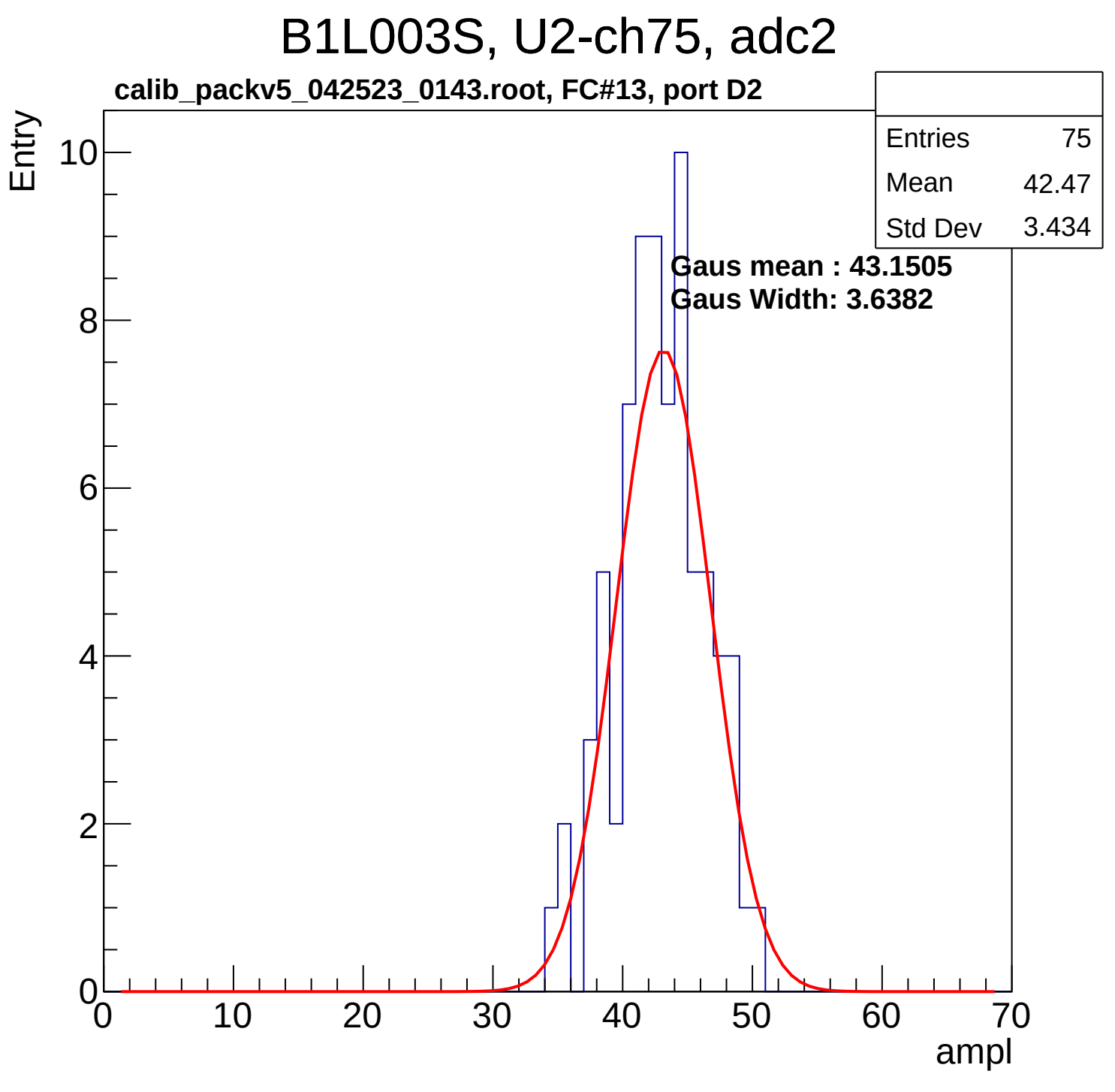
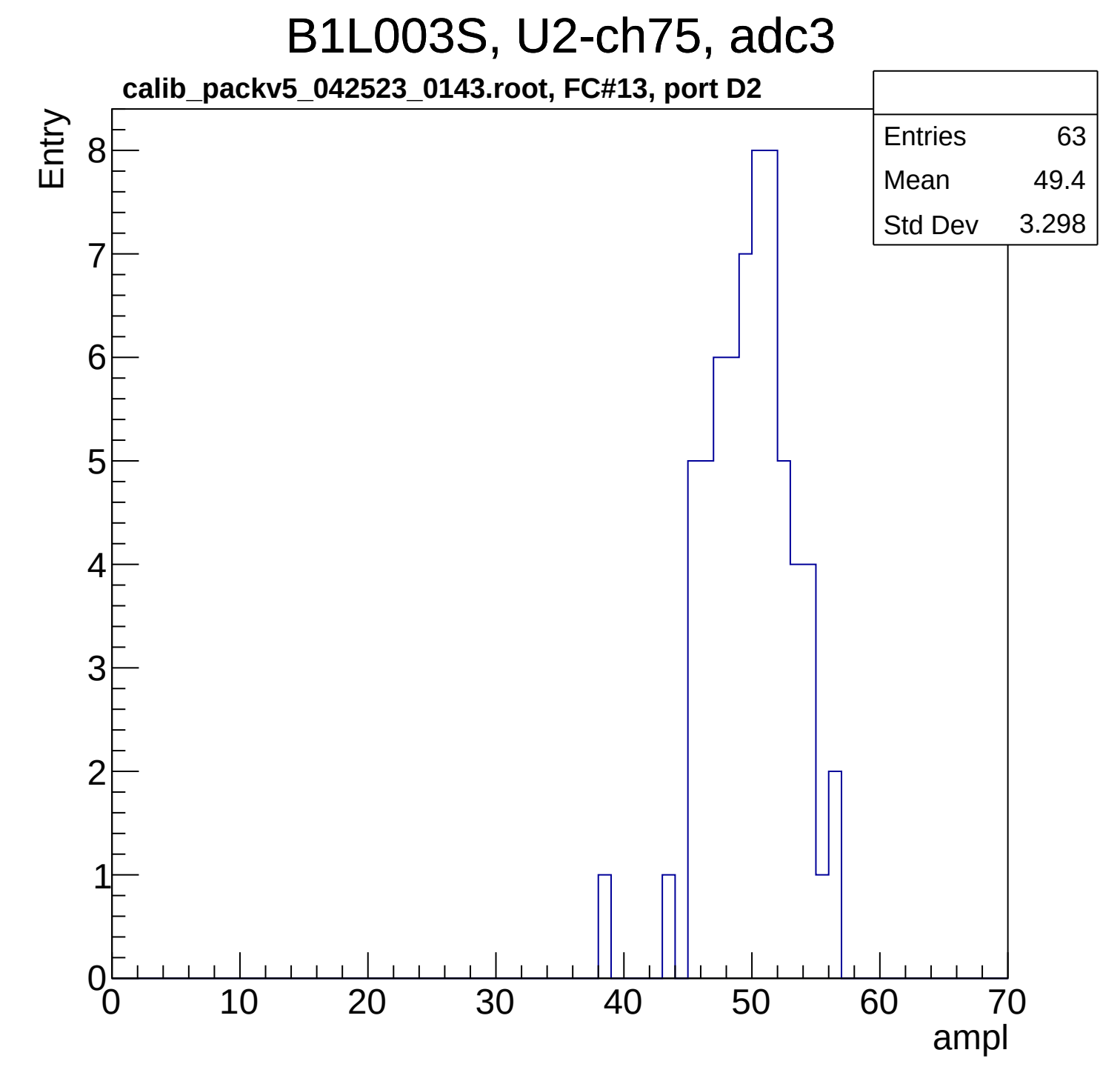
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch75, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 42.47
Std Dev 3.434
Gaus mean : 43.1505
Gaus Width: 3.6382
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch75, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 49.4
Std Dev 3.298
Entry
ampl
0
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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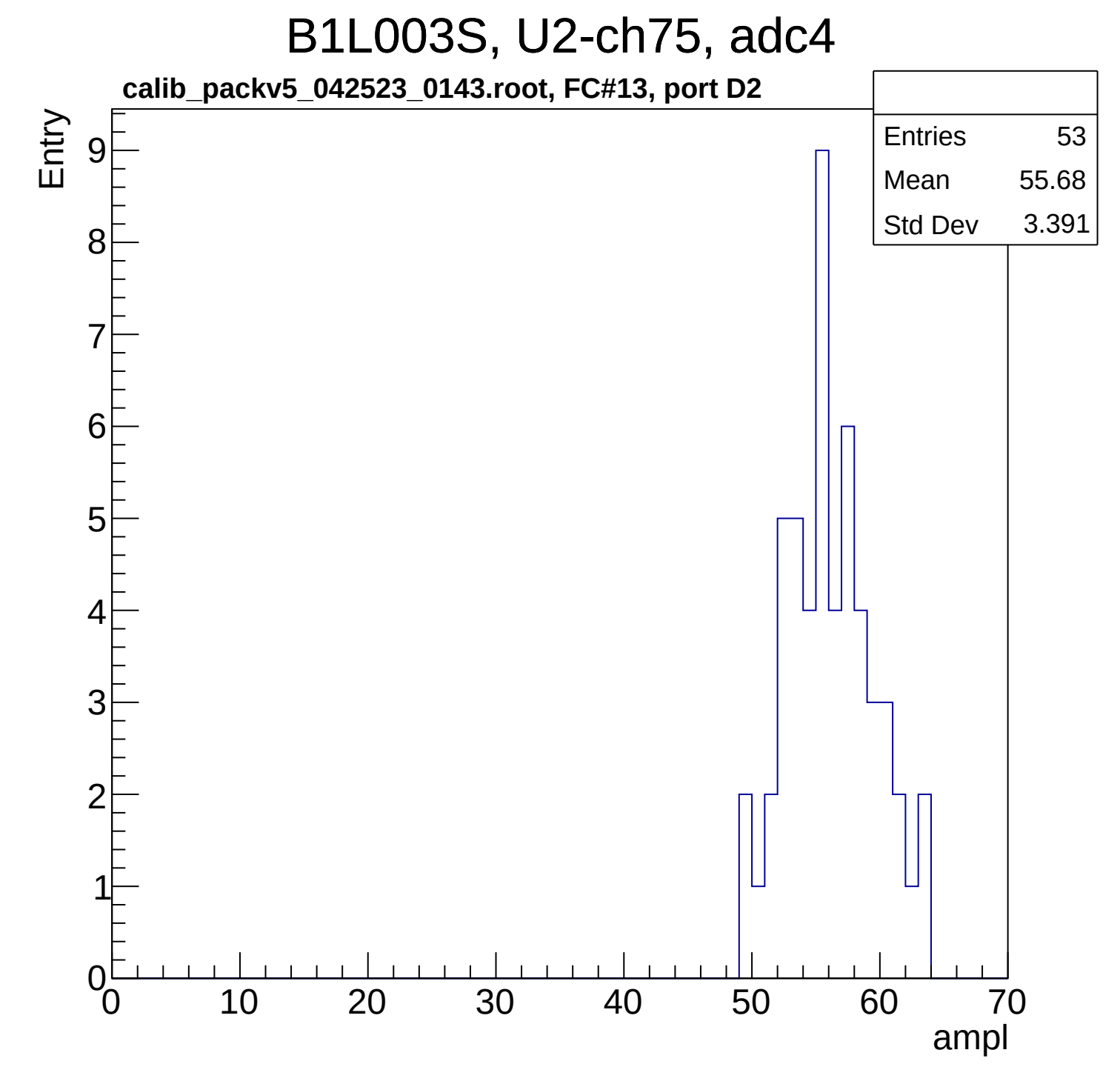
B1L003S, U2-ch75, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 55.68
Std Dev 3.391
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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60
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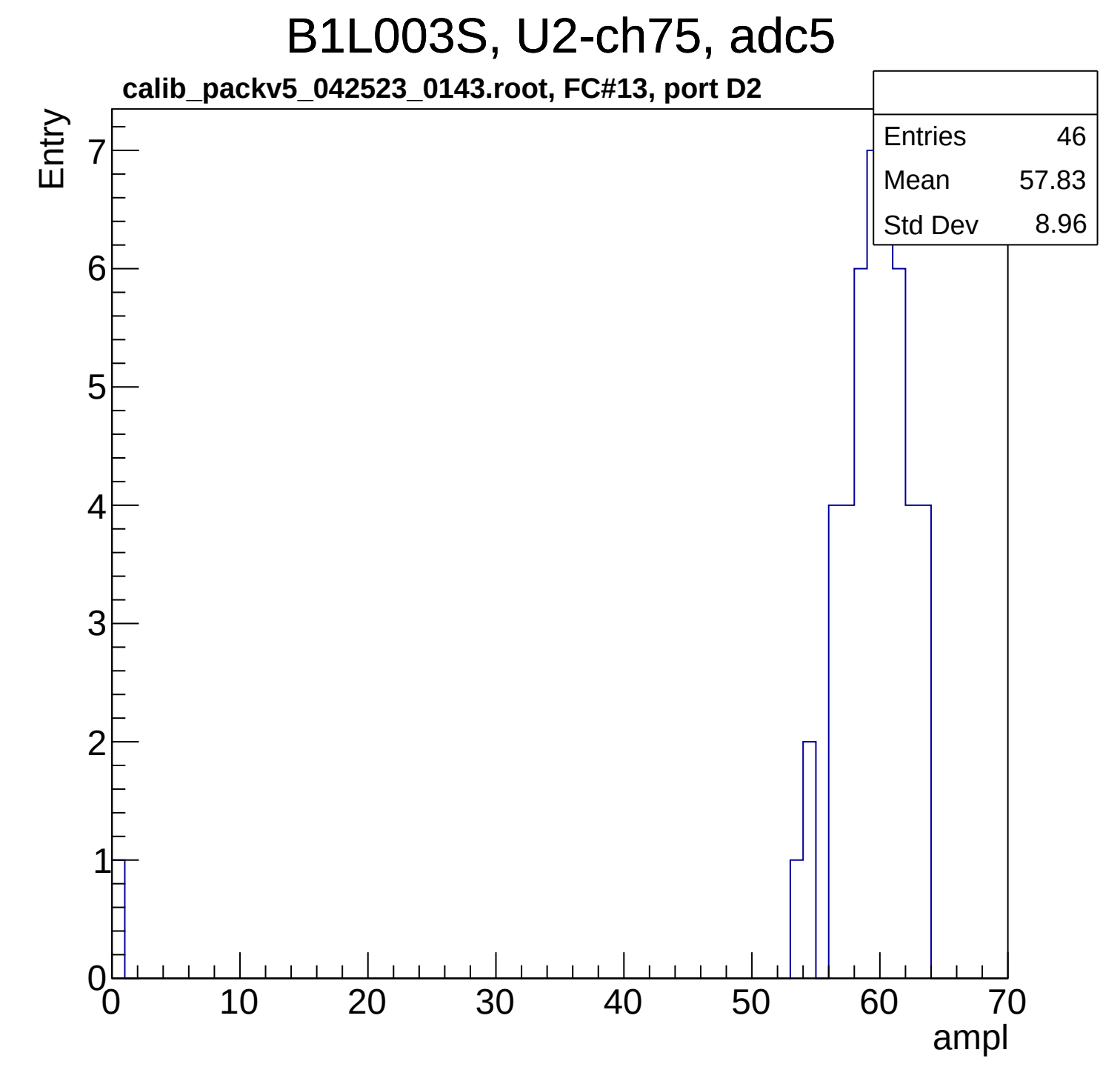
B1L003S, U2-ch75, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 57.83
Std Dev 8.96
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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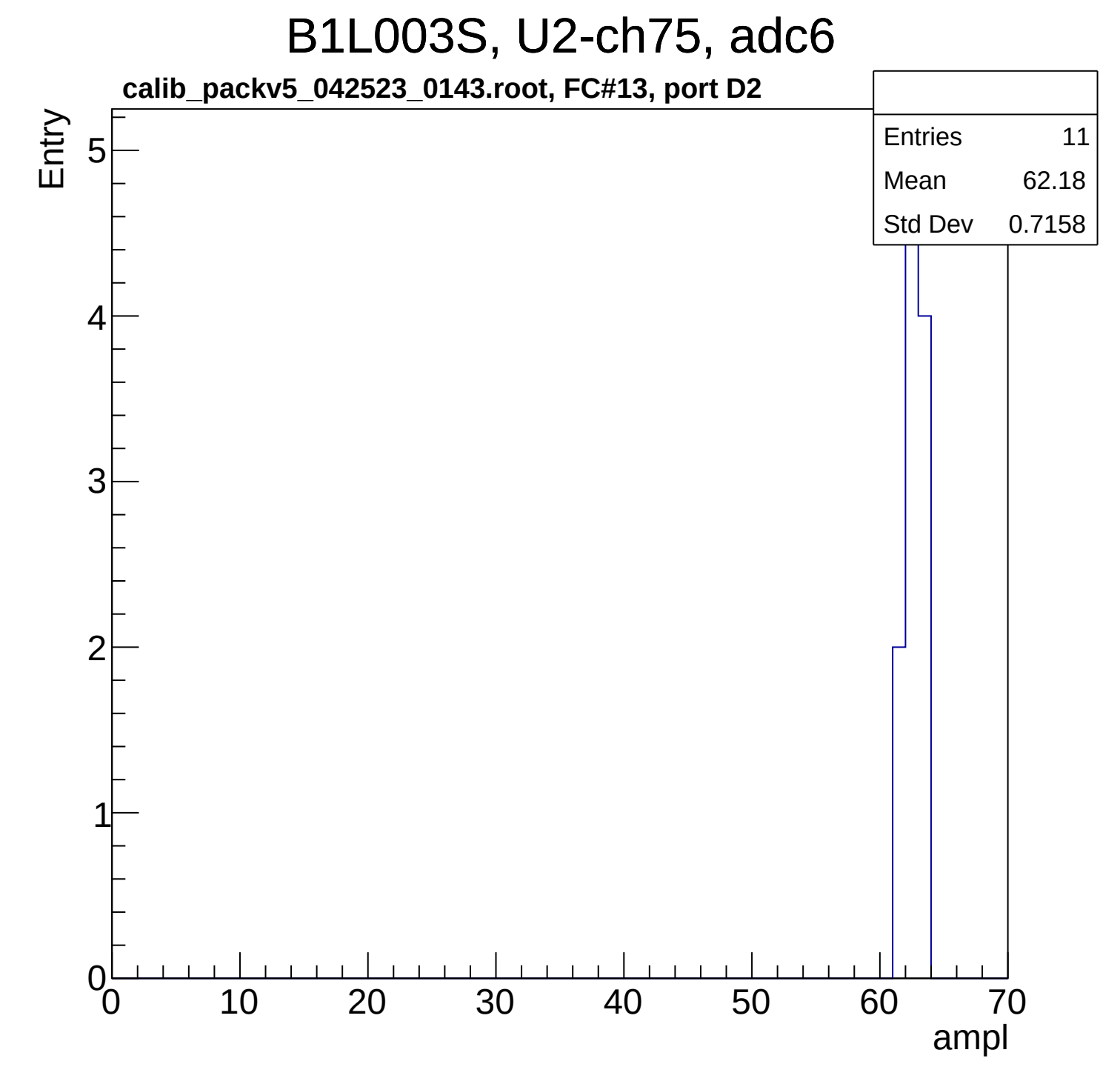
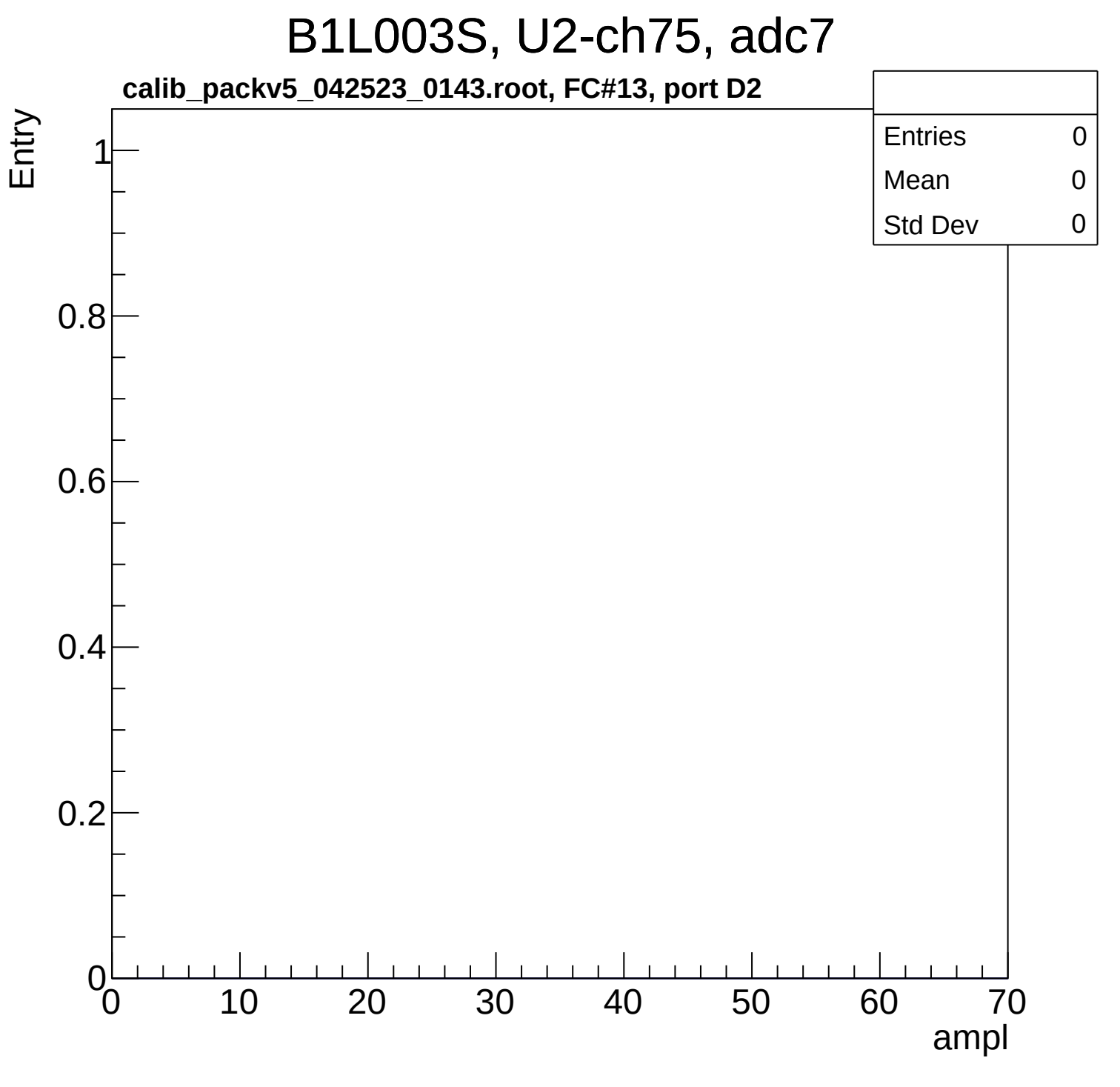
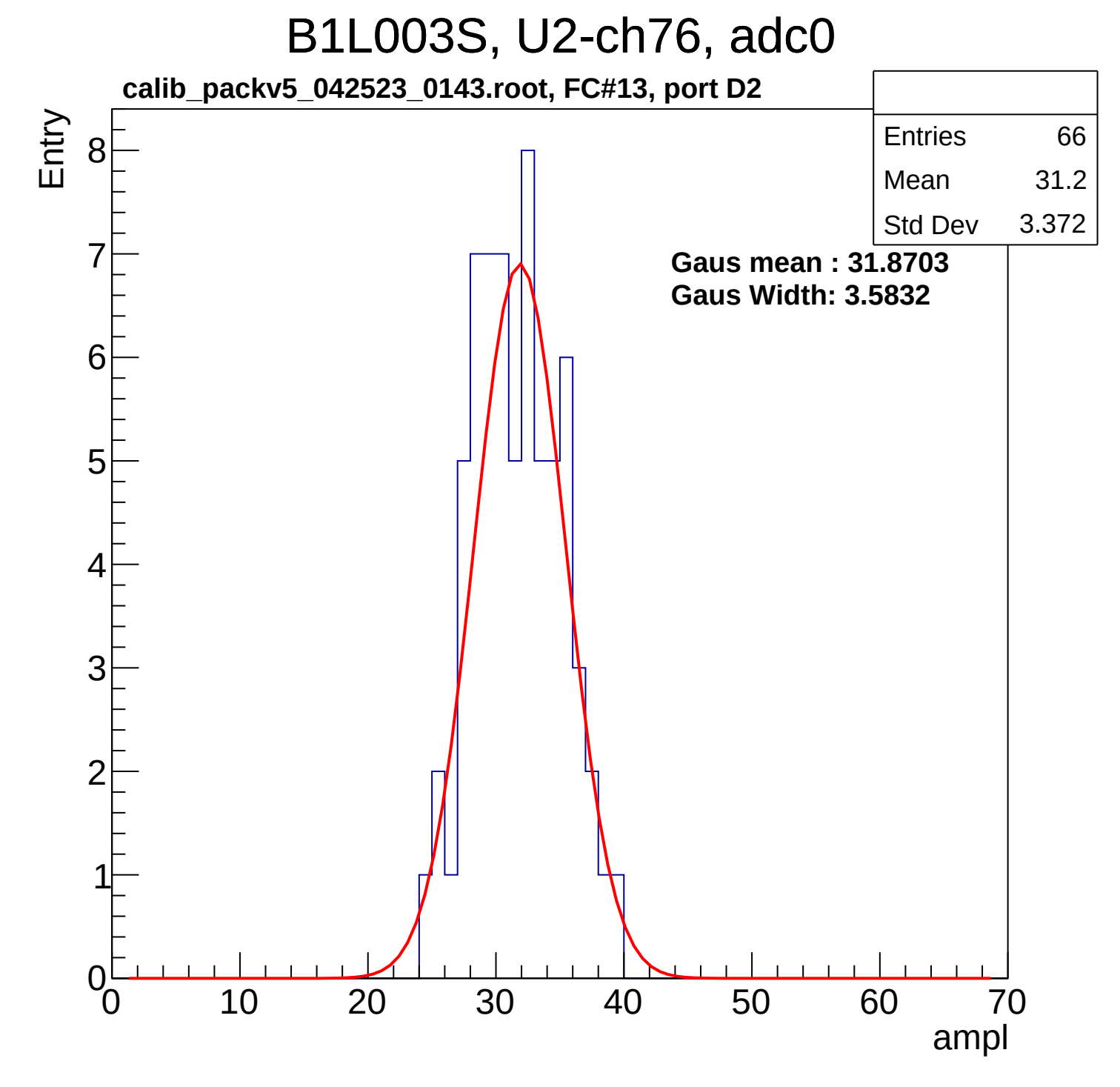

B1L003S, U2-ch75, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 62.18
Std Dev 0.7158
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch75, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch76, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 31.2
Std Dev 3.372
Gaus mean : 31.8703
Gaus Width: 3.5832
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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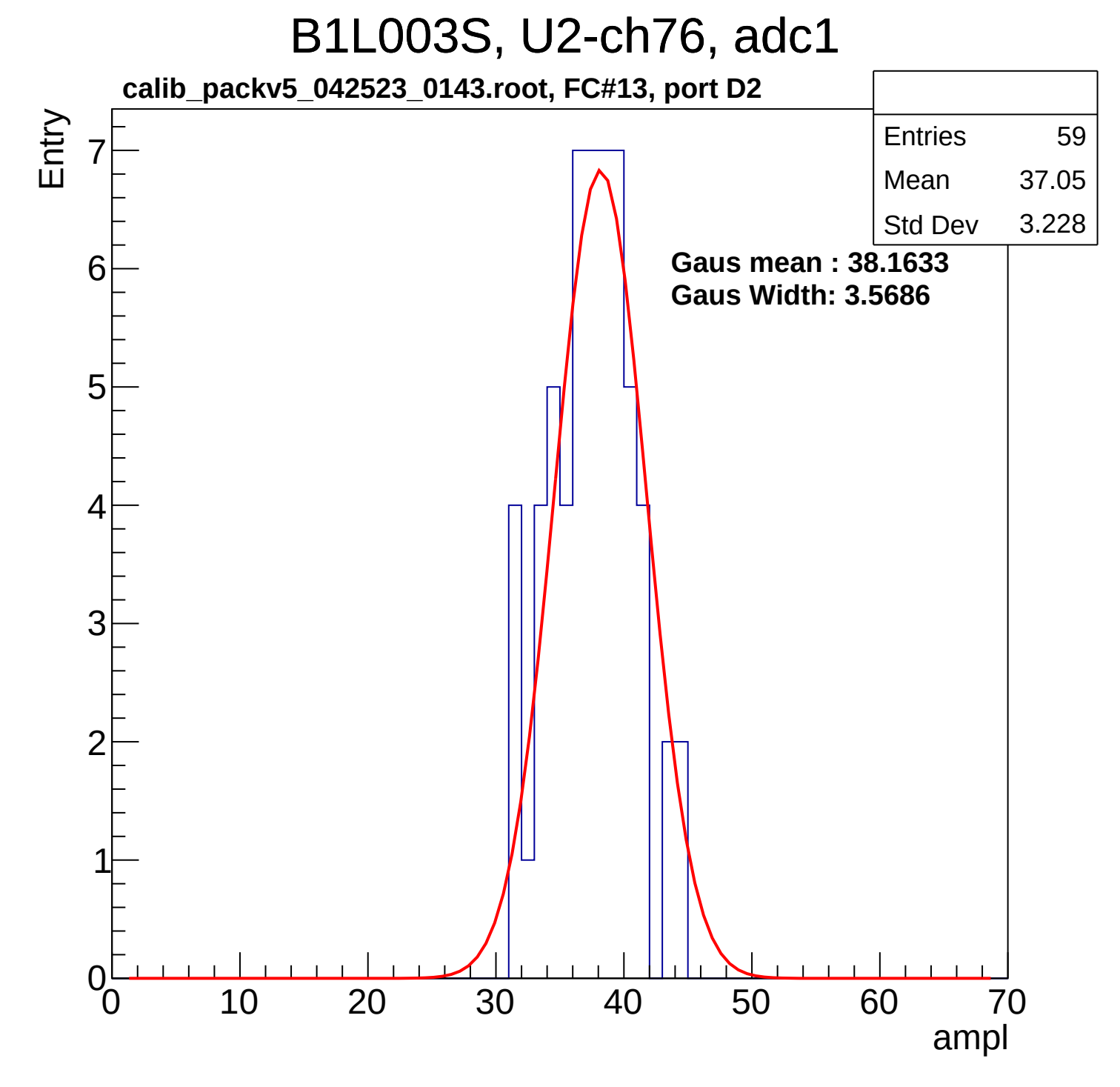
B1L003S, U2-ch76, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 37.05
Std Dev 3.228
Gaus mean : 38.1633
Gaus Width: 3.5686
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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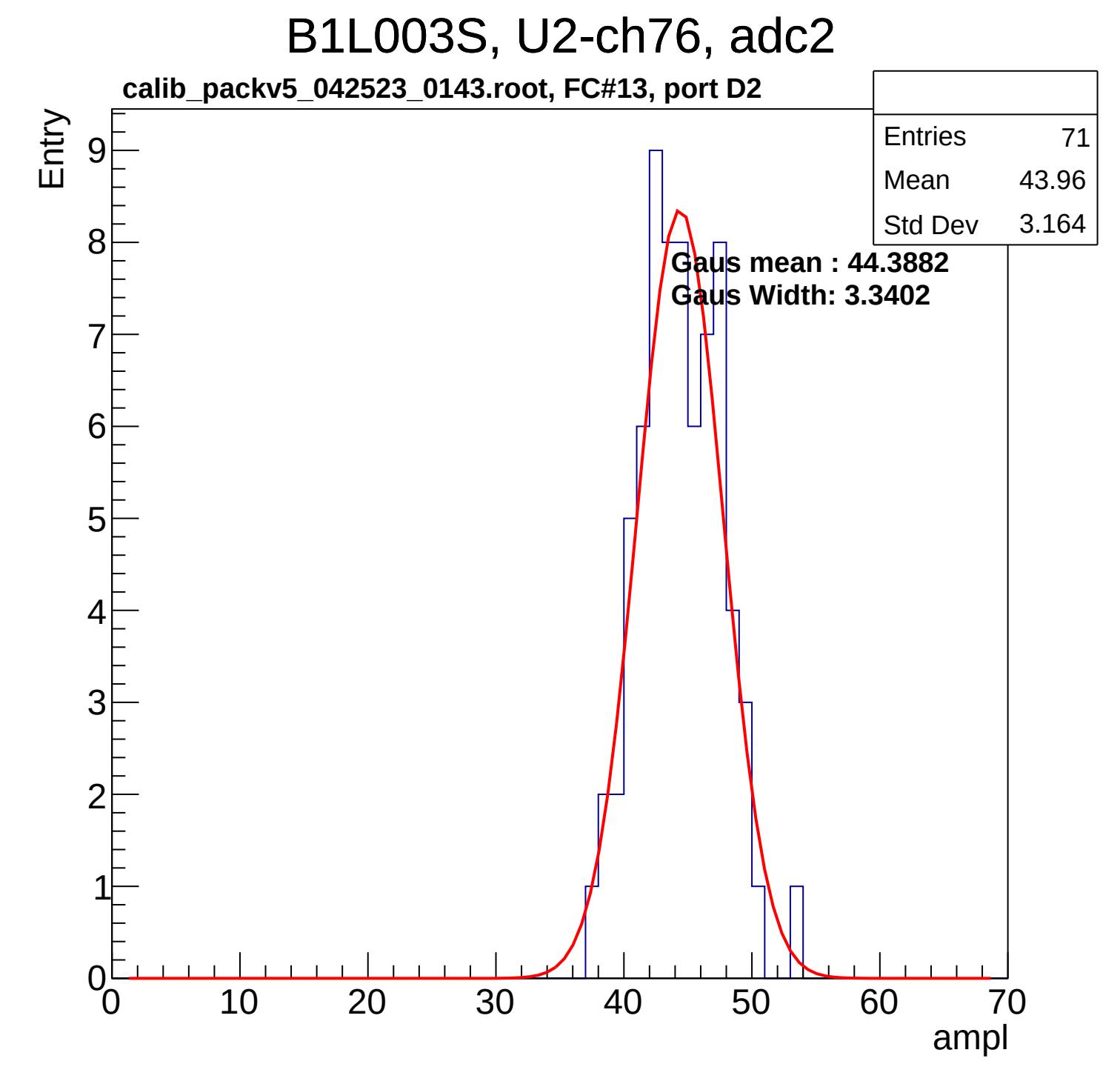
B1L003S, U2-ch76, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 43.96
Std Dev 3.164
Gaus mean : 44.3882
Gaus Width: 3.3402
Entry
ampl
0
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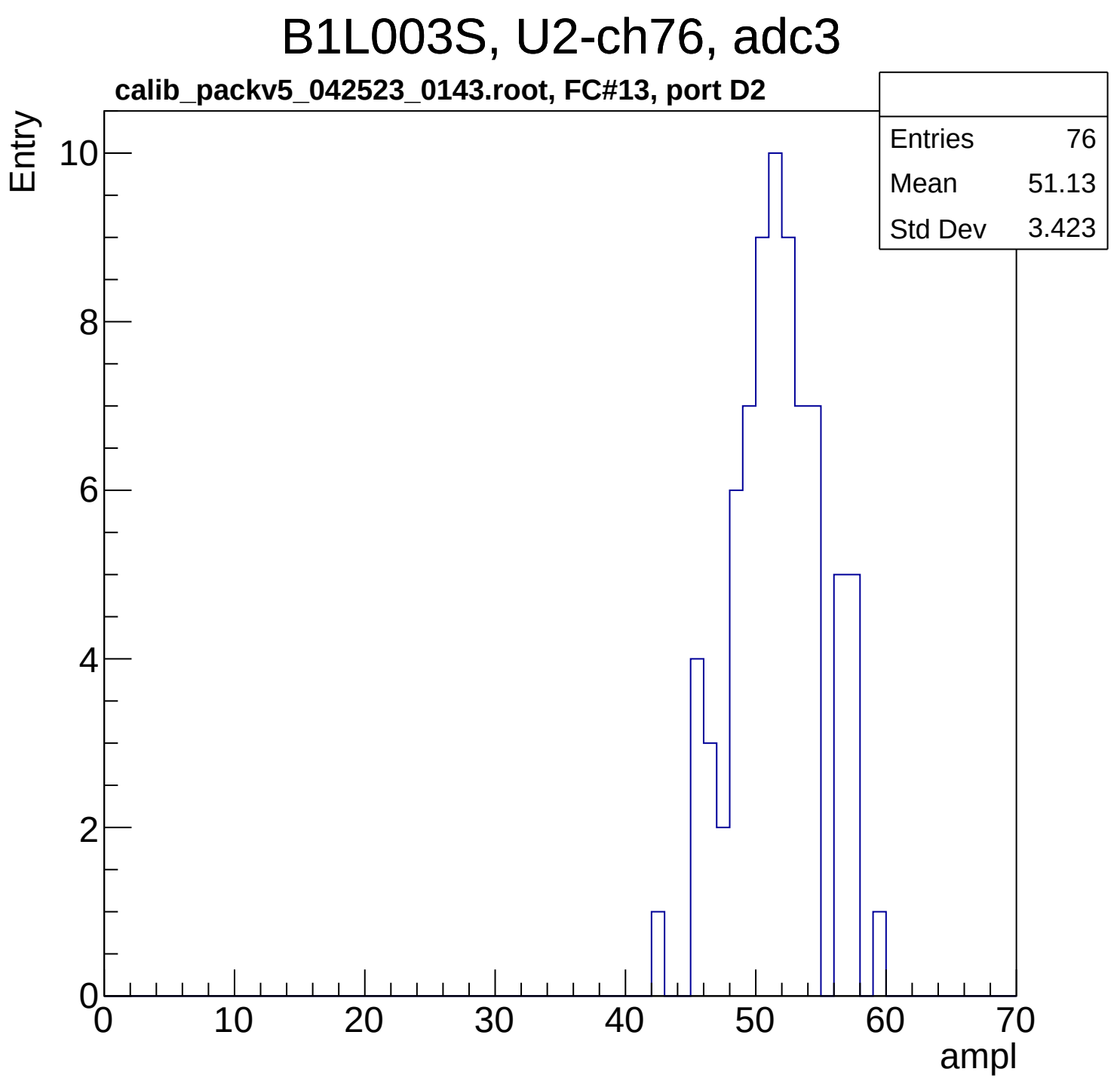
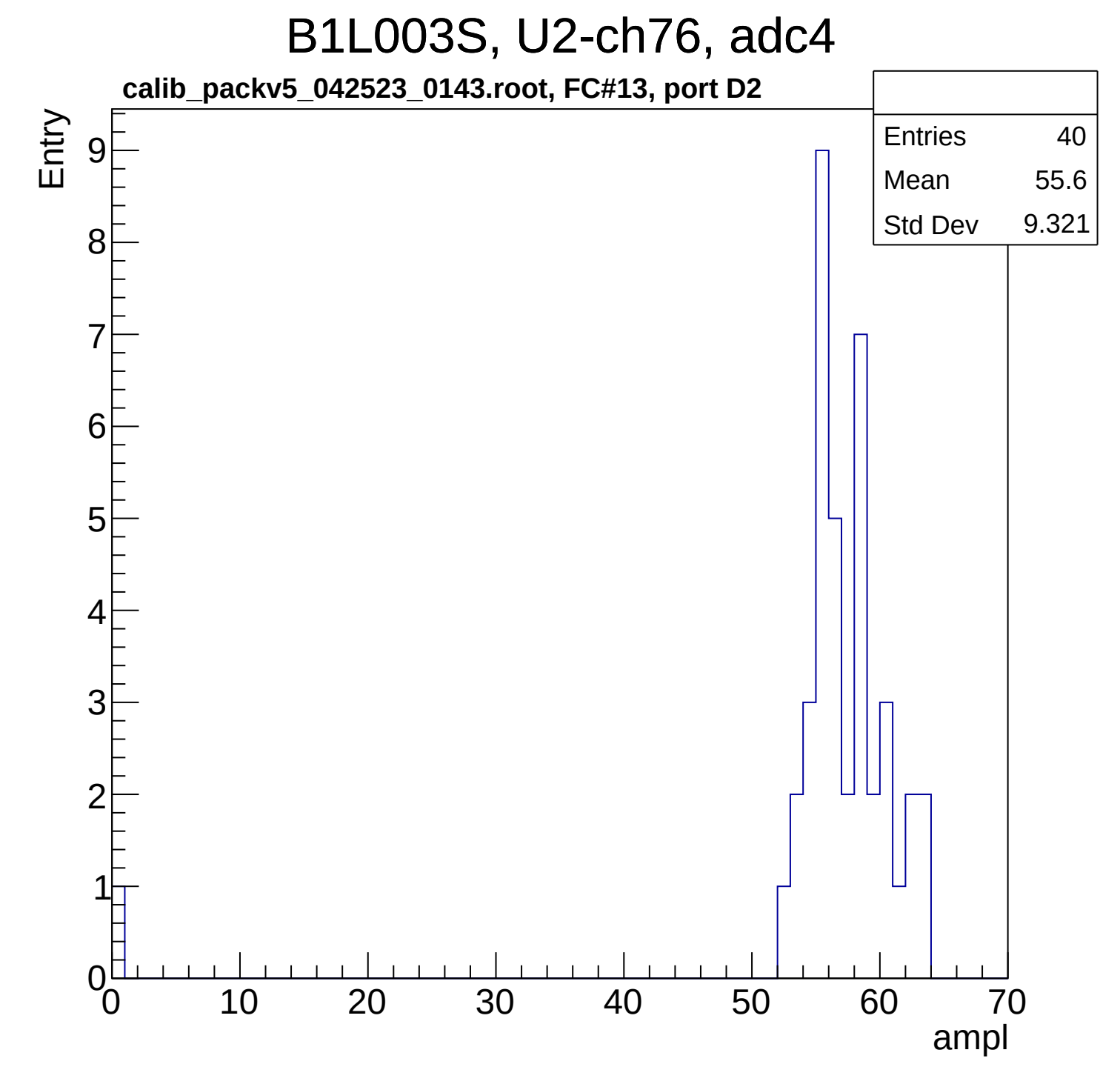
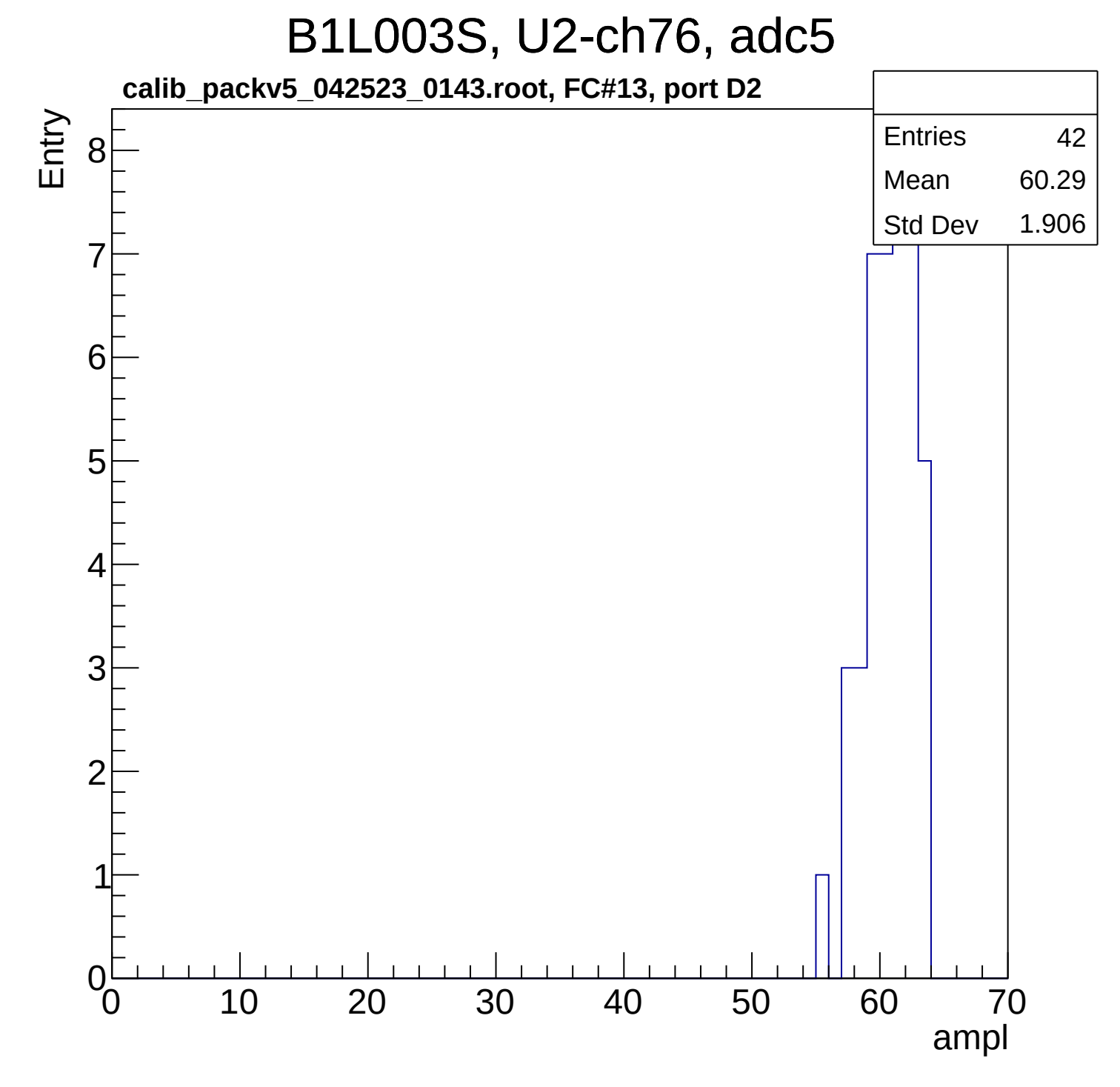
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch76, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 51.13
Std Dev 3.423
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch76, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 55.6
Std Dev 9.321
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch76, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 60.29
Std Dev 1.906
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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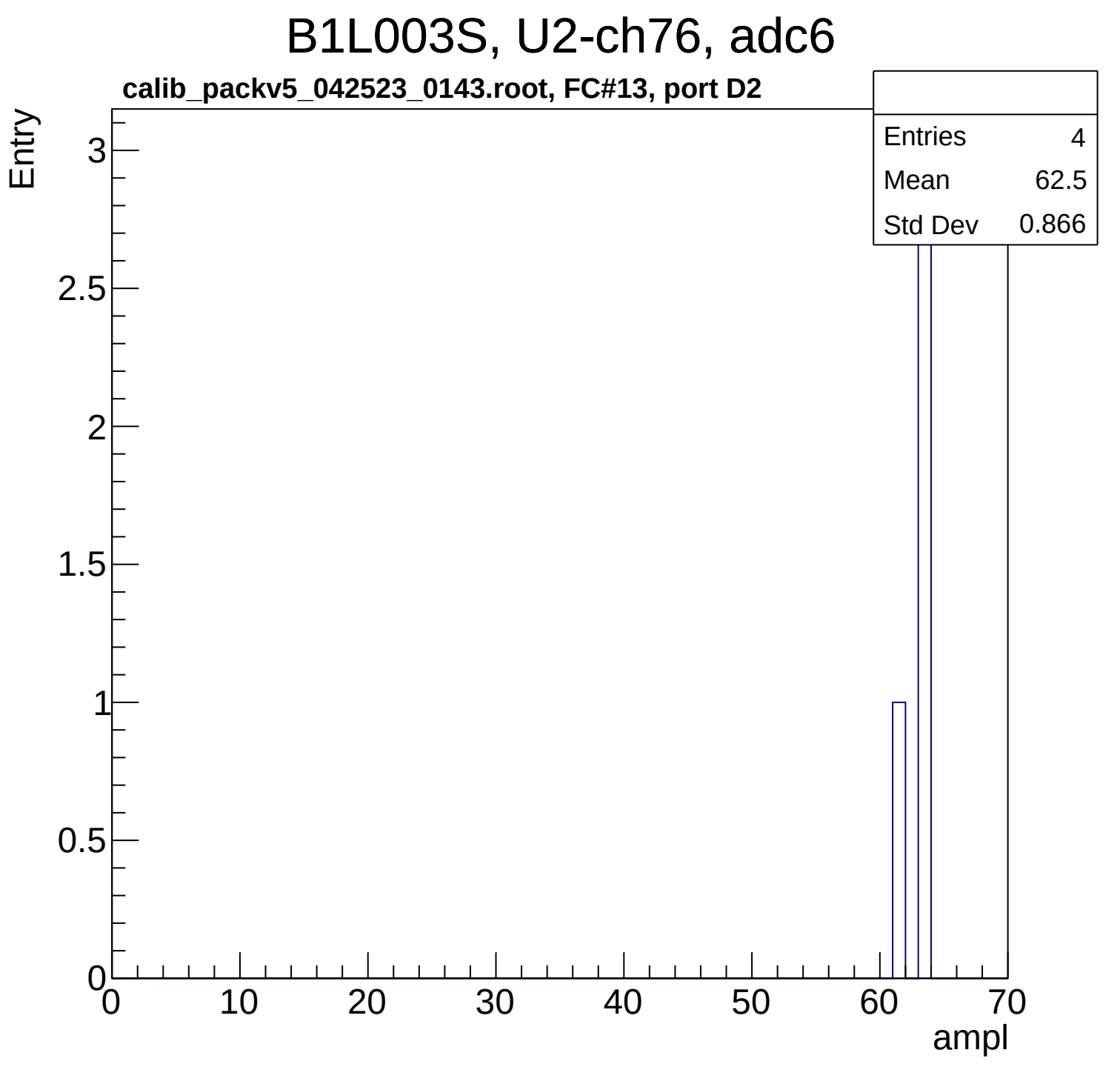
B1L003S, U2-ch76, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.5
Std Dev 0.866
Entry
ampl
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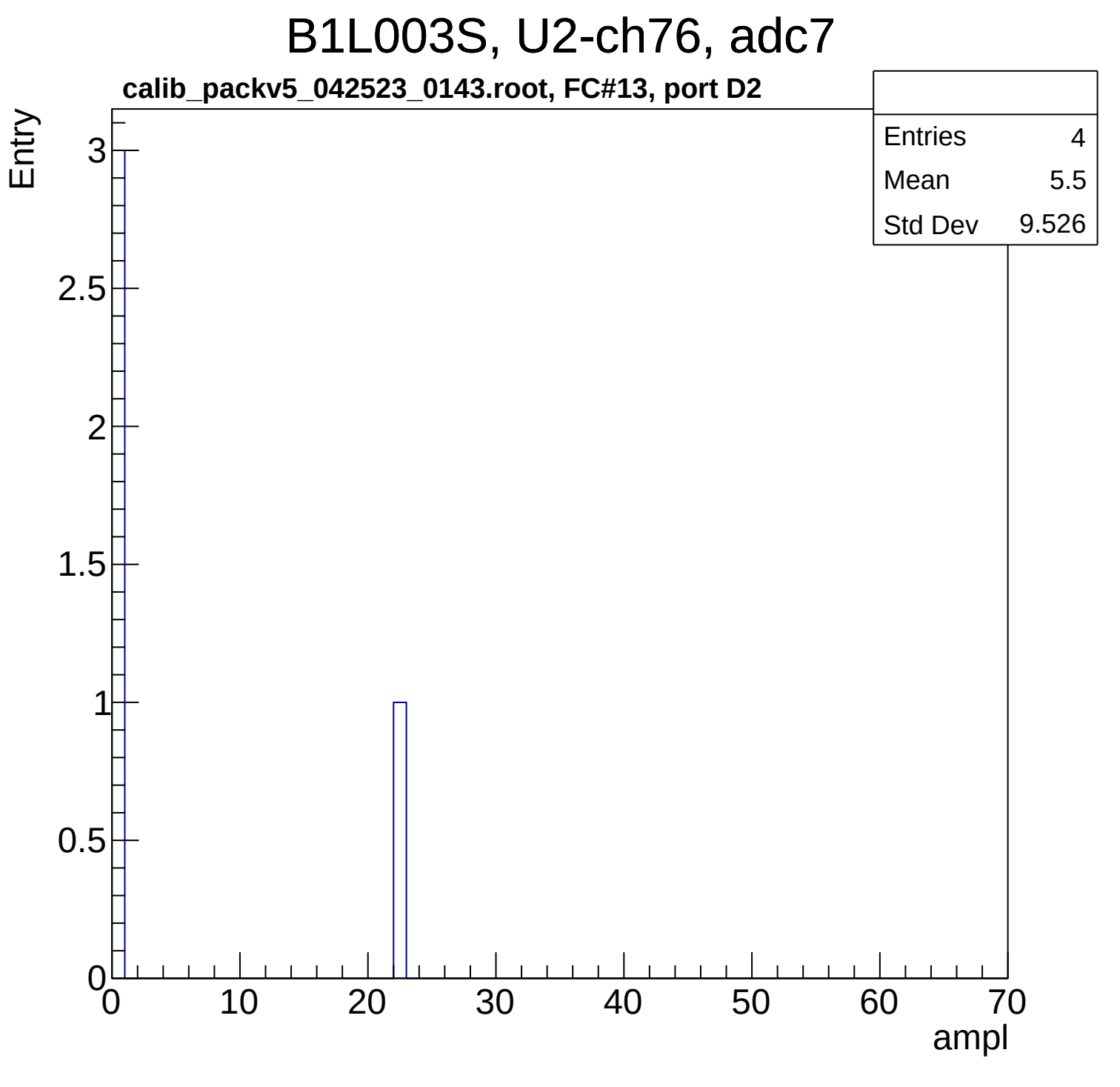
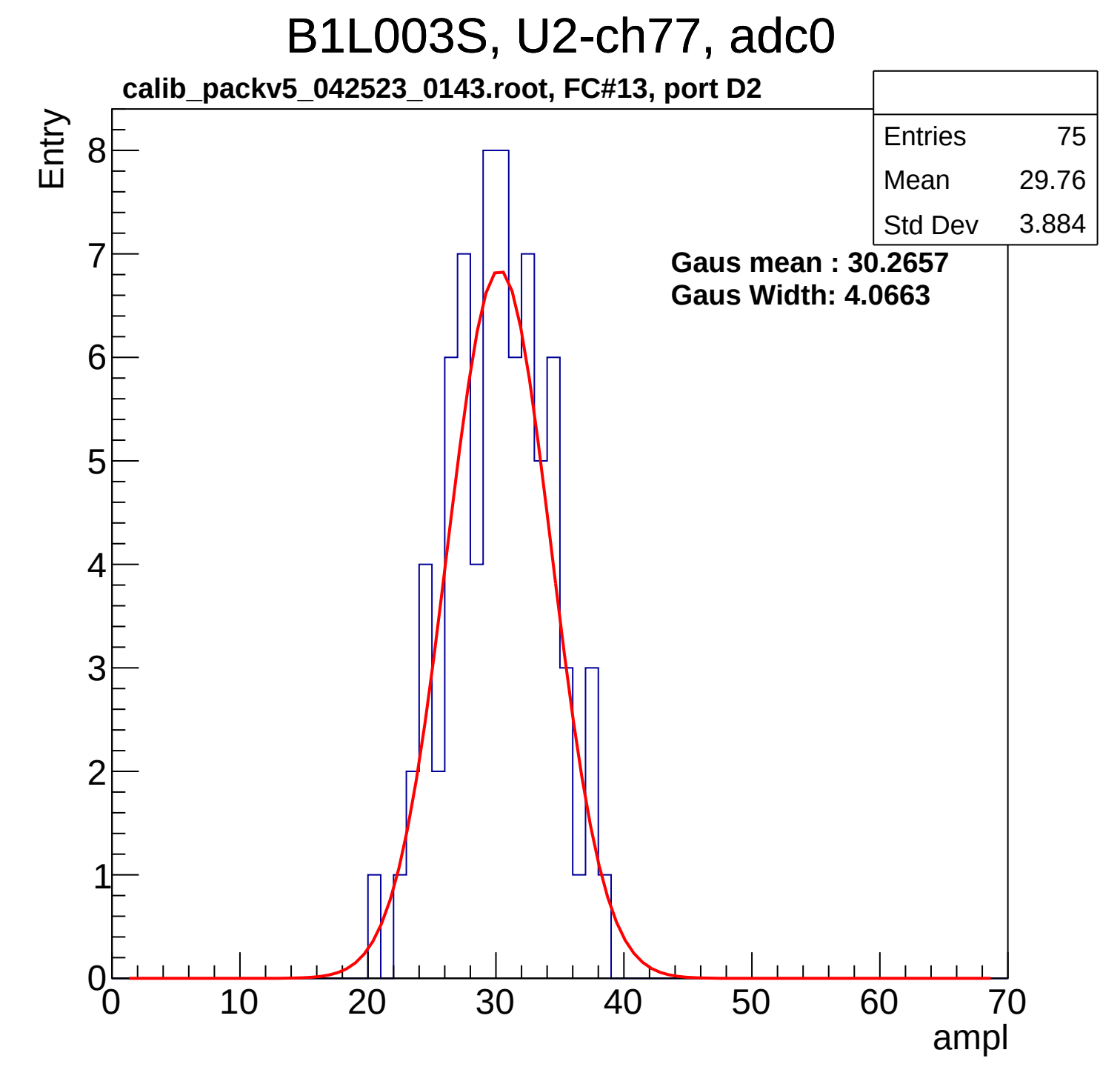
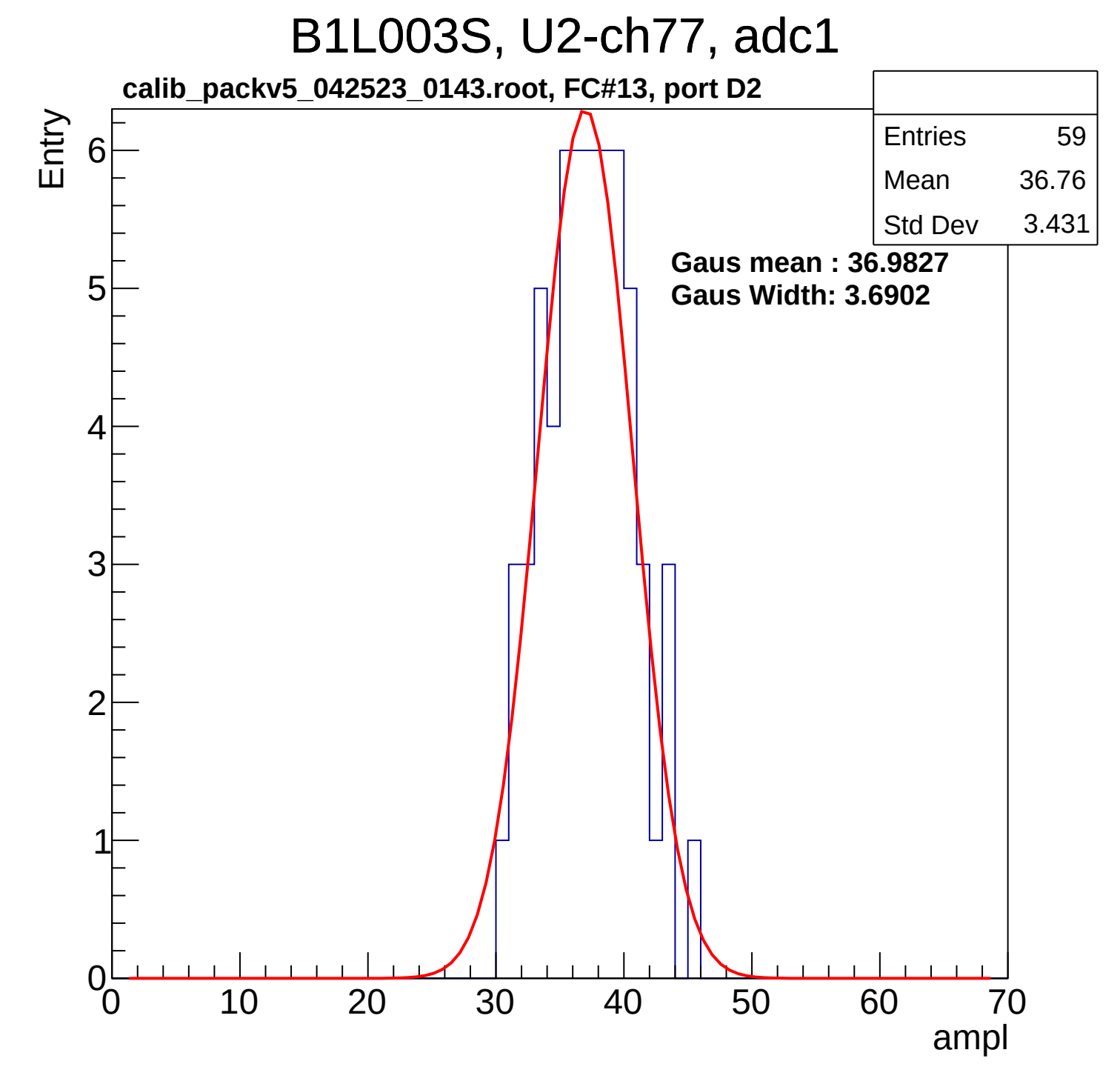
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch76, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 5.5
Std Dev 9.526
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch77, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 29.76
Std Dev 3.884
Gaus mean : 30.2657
Gaus Width: 4.0663
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch77, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 36.76
Std Dev 3.431
Gaus mean : 36.9827
Gaus Width: 3.6902
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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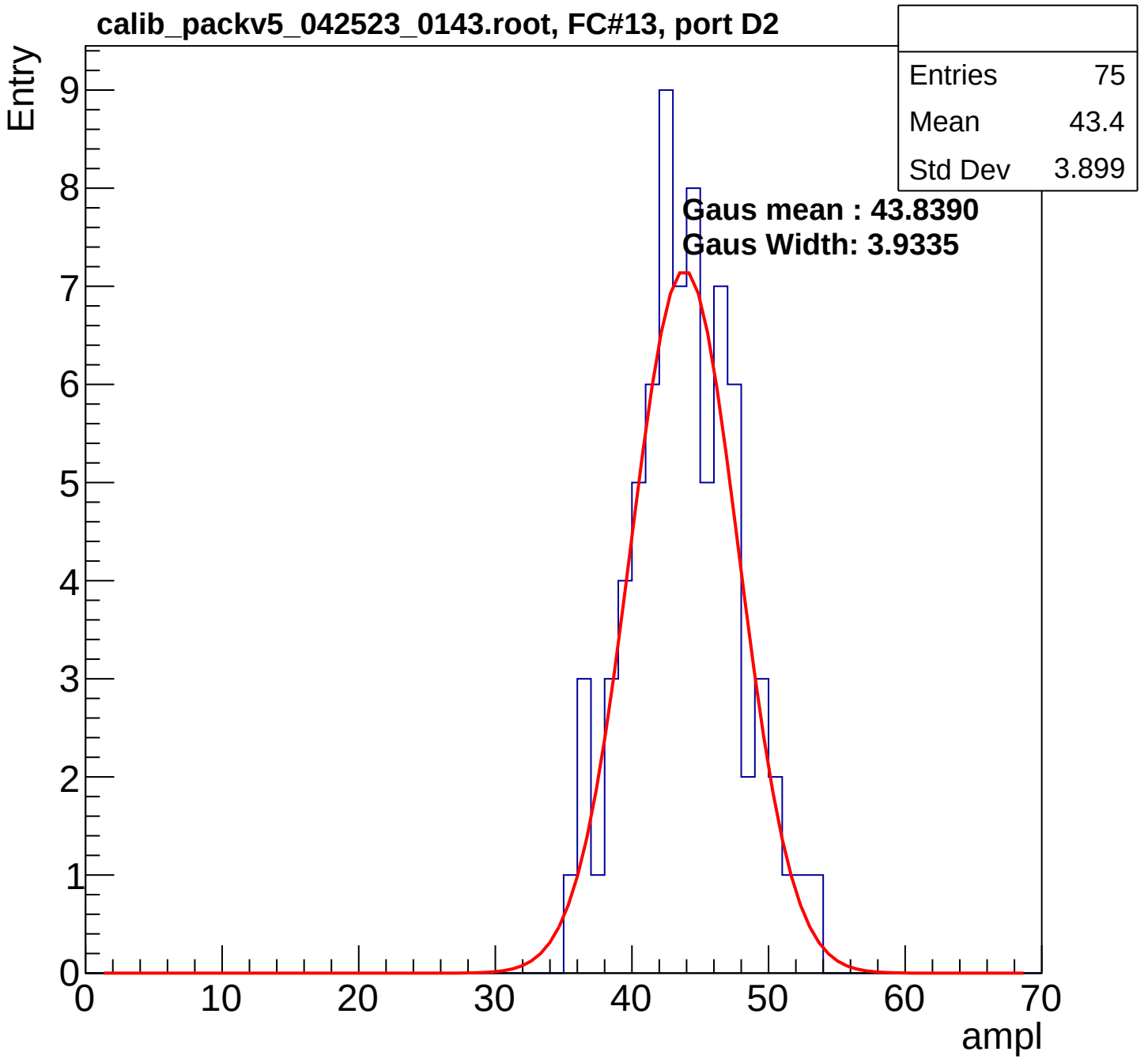
B1L003S, U2-ch77, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 43.4
Std Dev 3.899
Gaus mean : 43.8390
Gaus Width: 3.9335
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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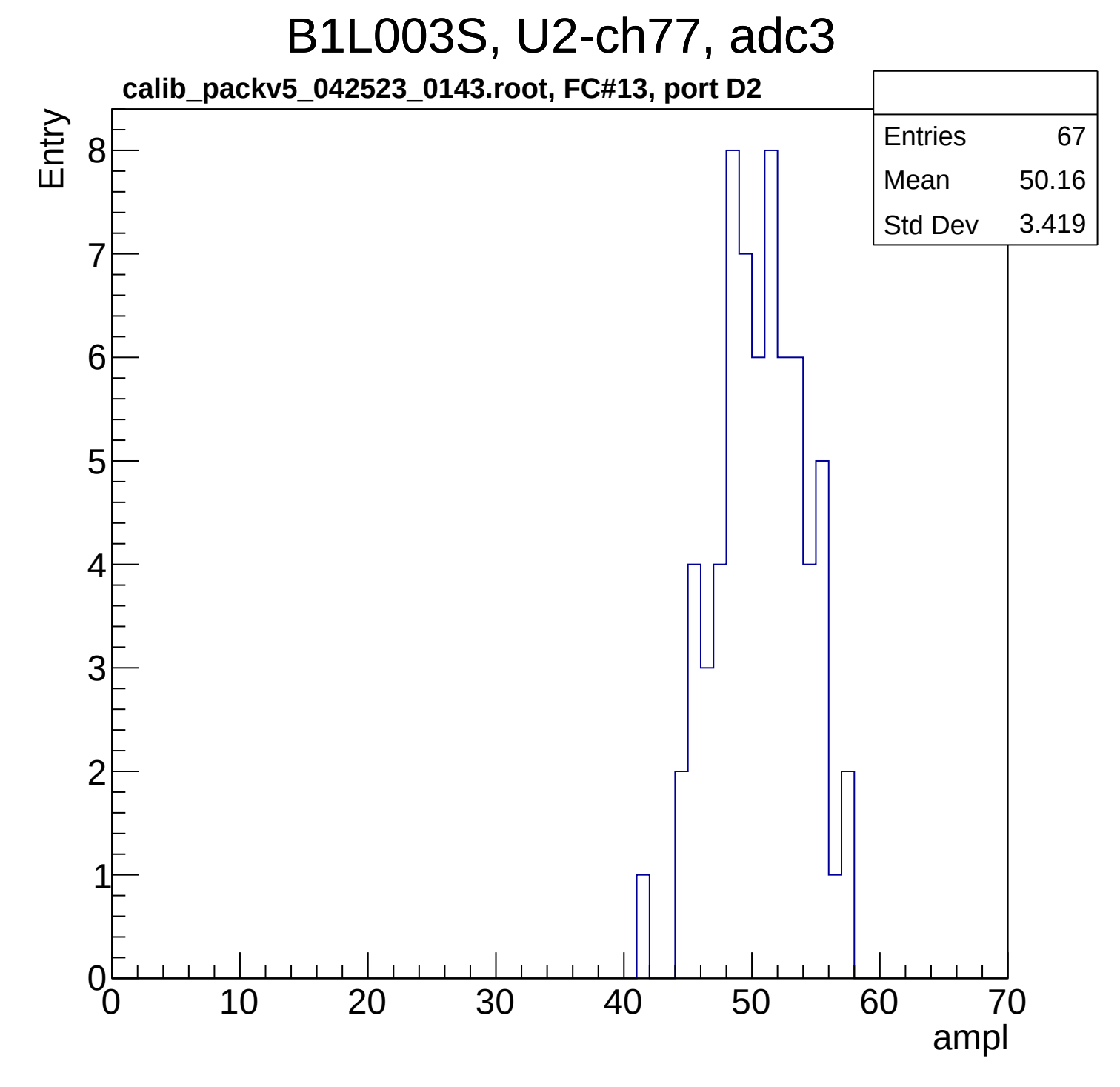
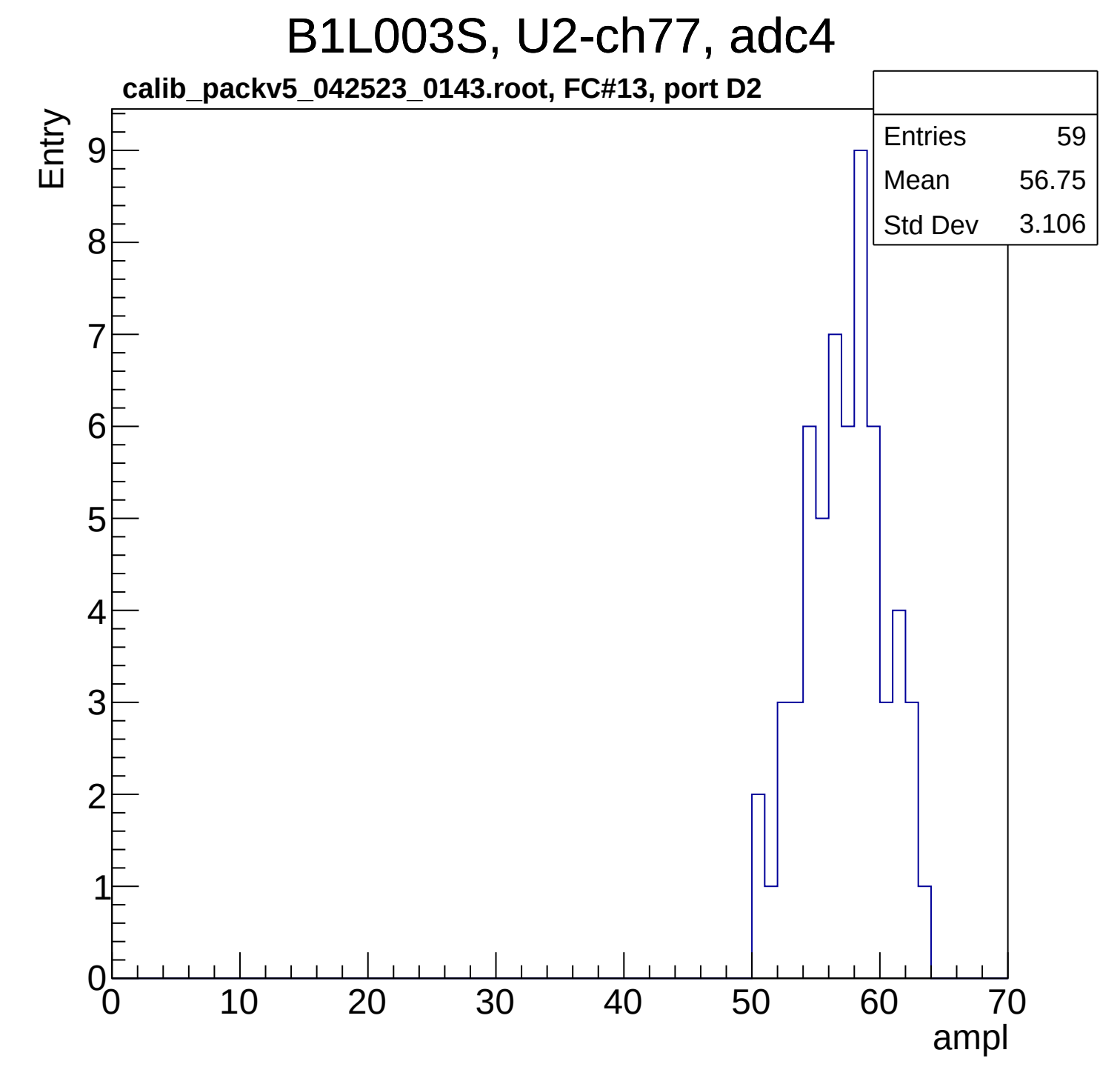

B1L003S, U2-ch77, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 50.16
Std Dev 3.419
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch77, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 56.75
Std Dev 3.106
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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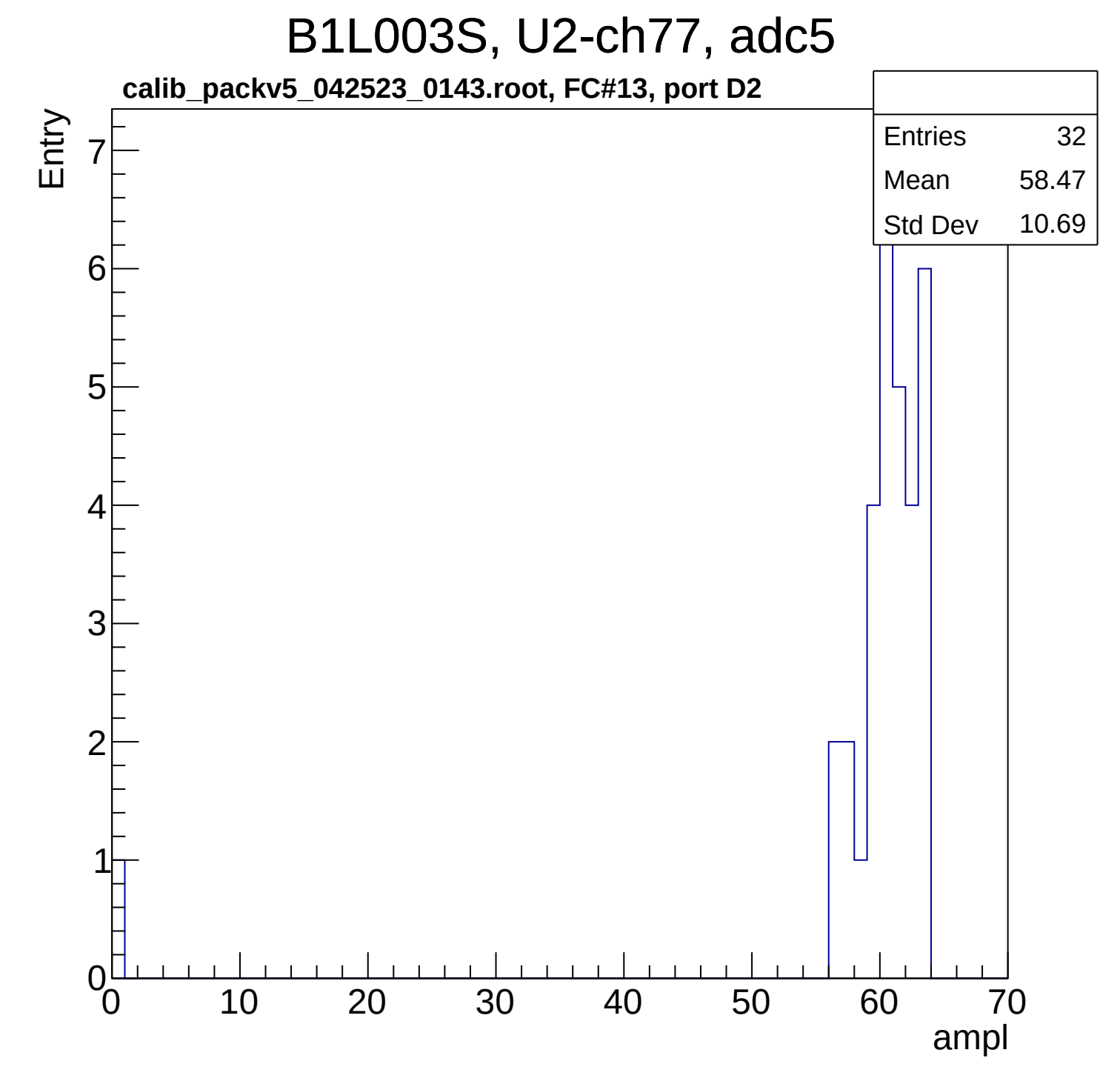
B1L003S, U2-ch77, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 32
Mean 58.47
Std Dev 10.69
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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60
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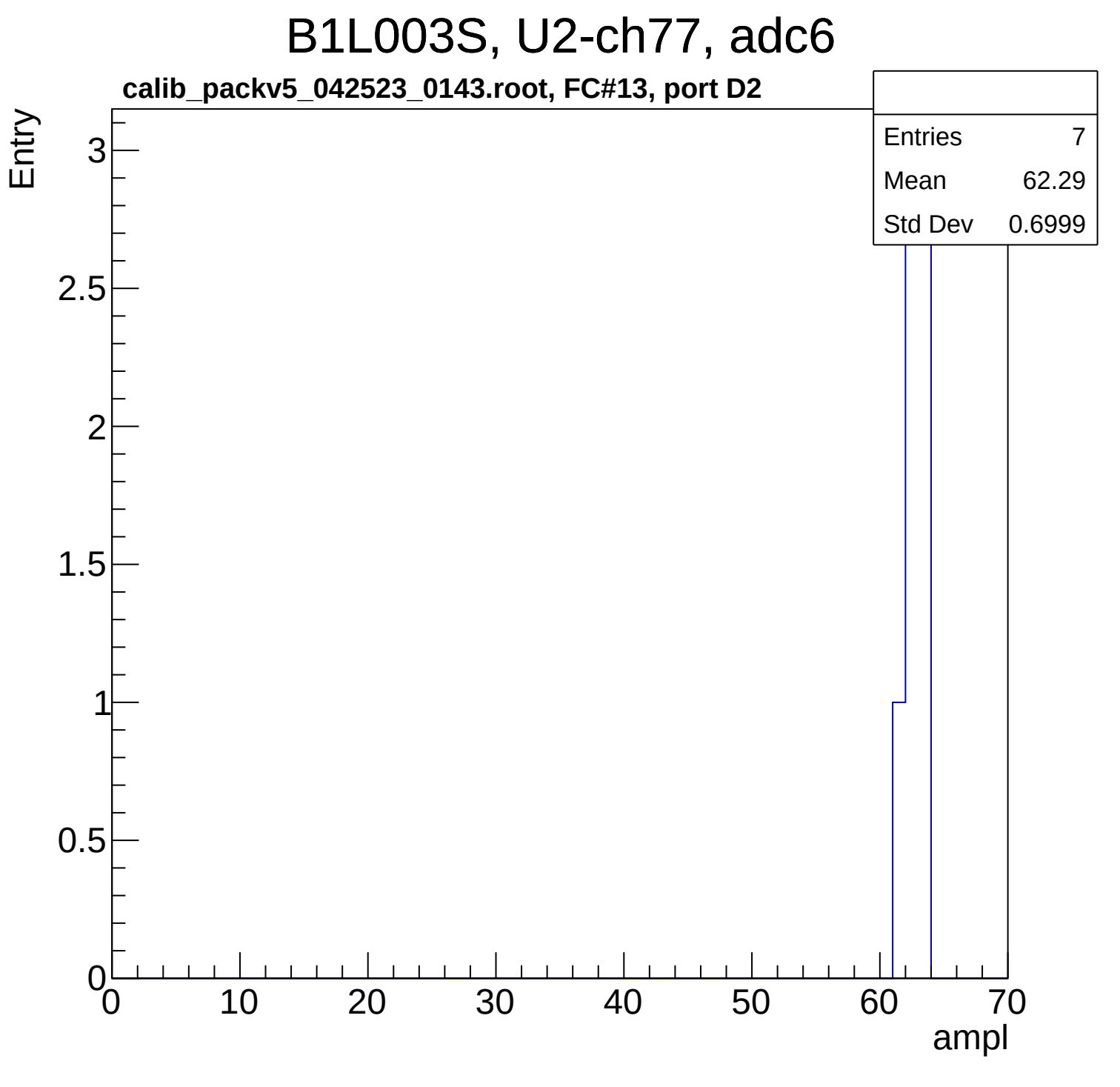
B1L003S, U2-ch77, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.29
Std Dev 0.6999
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
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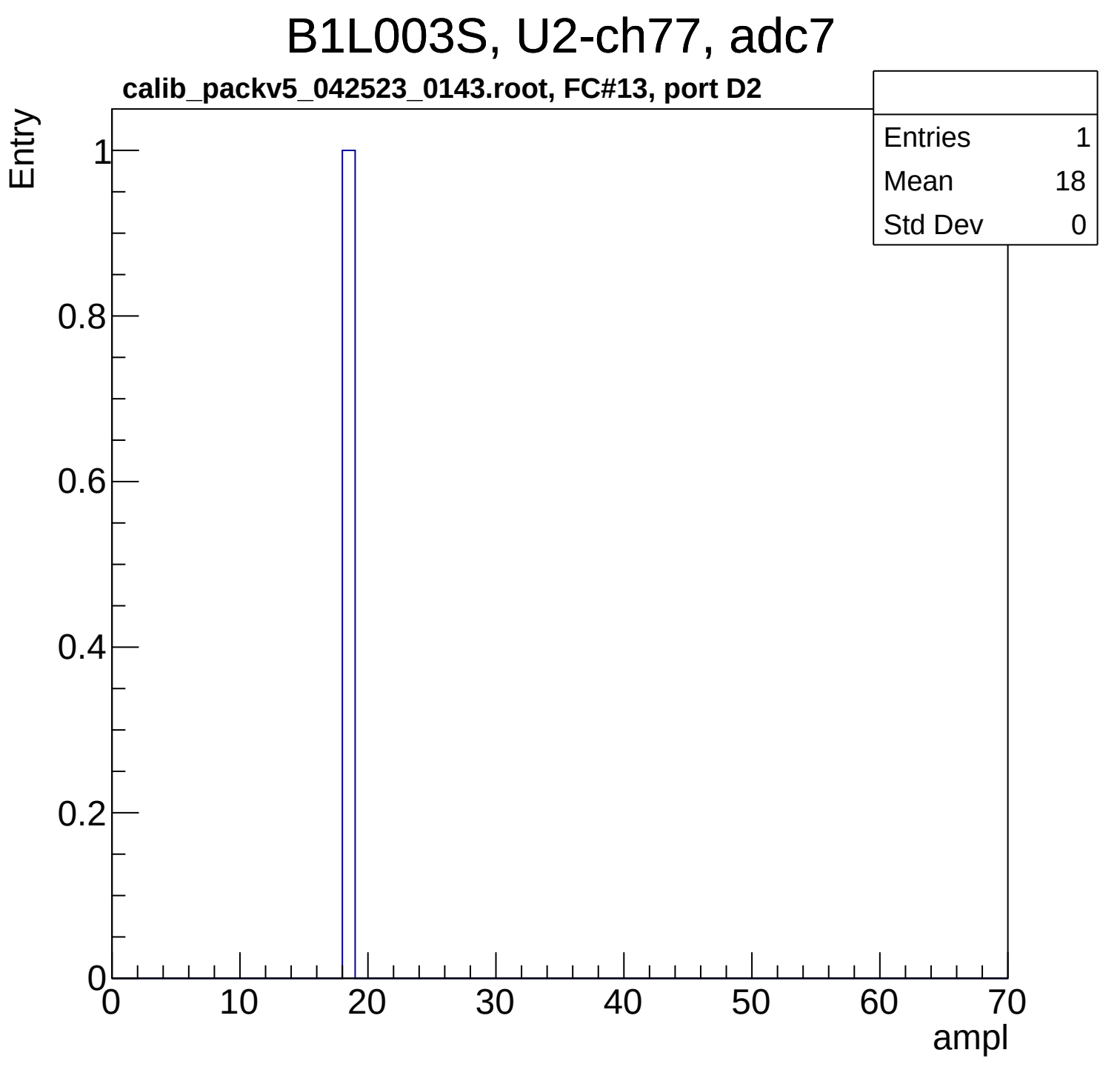
50
60
70


B1L003S, U2-ch77, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 18
Std Dev 0
Entry
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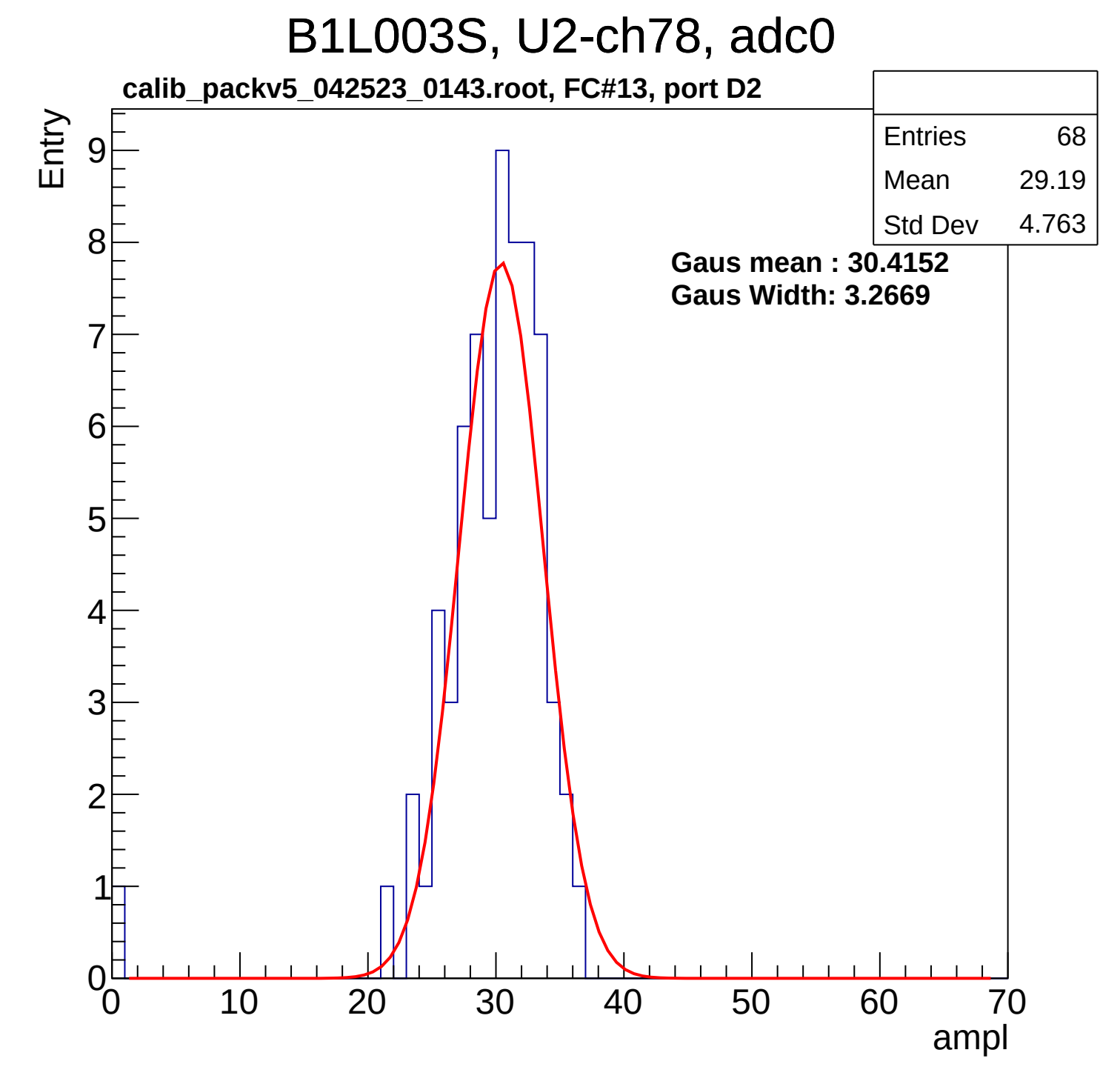
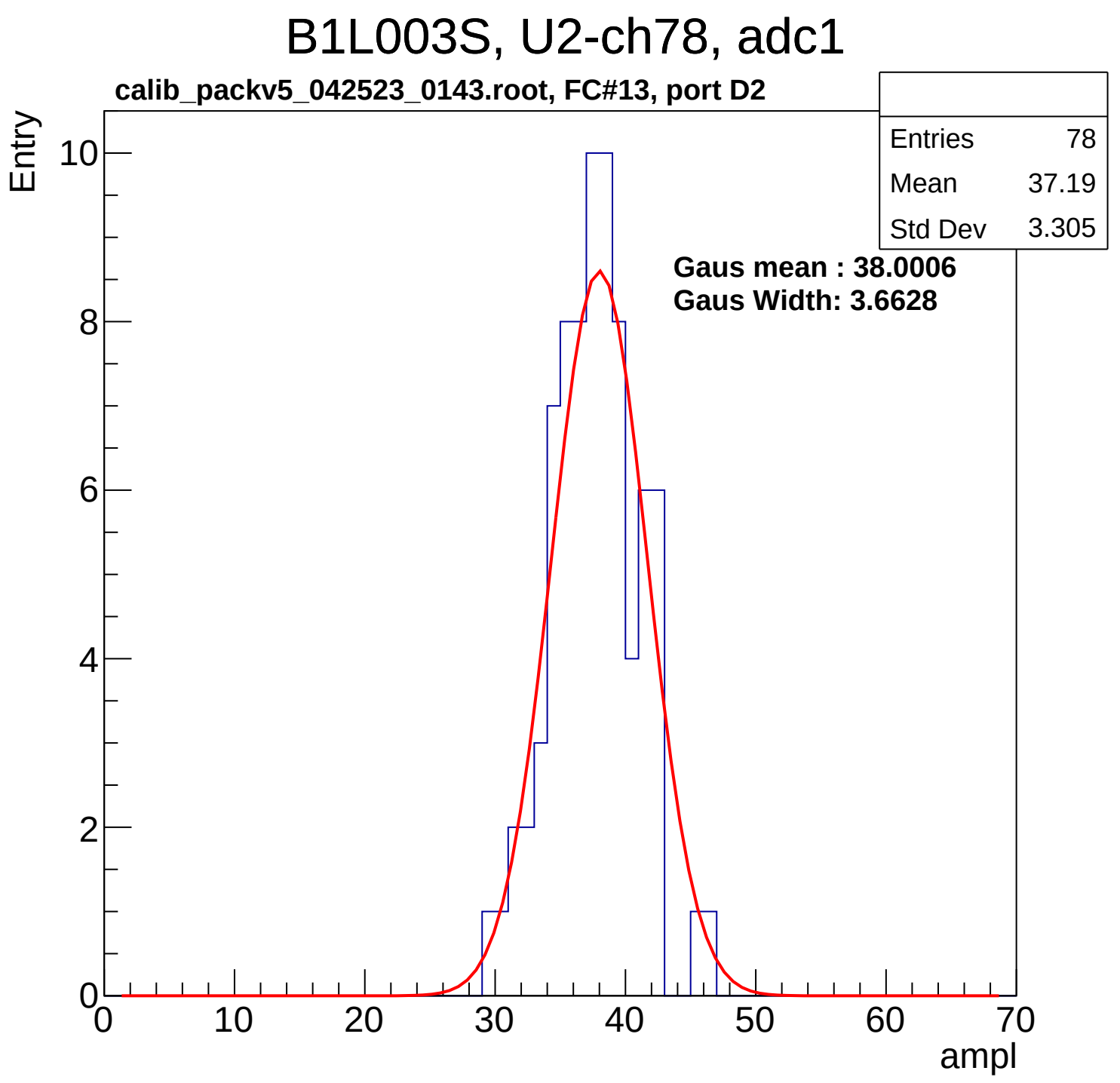
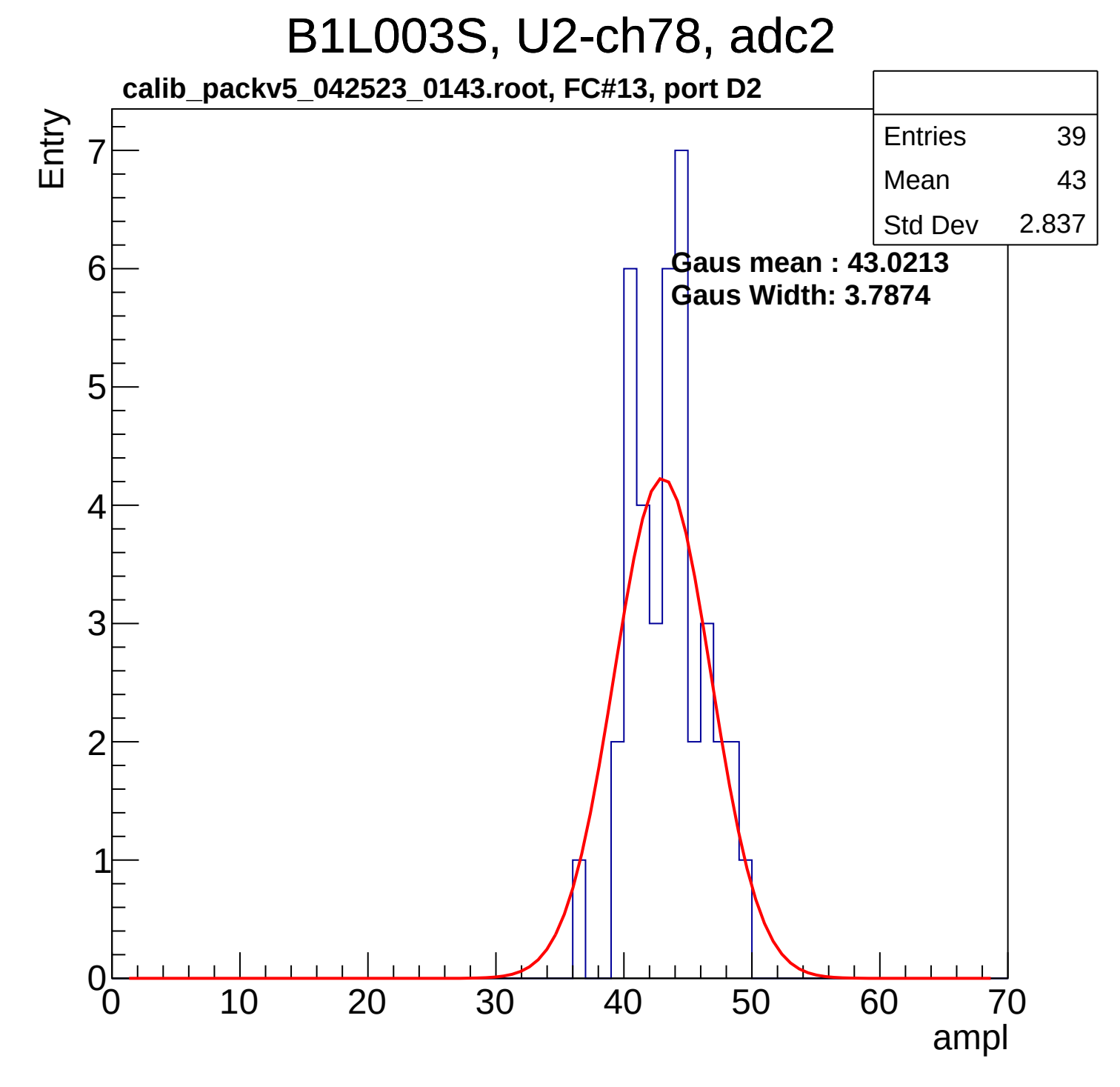
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch78, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 29.19
Std Dev 4.763
Gaus mean : 30.4152
Gaus Width: 3.2669
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch78, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 37.19
Std Dev 3.305
Gaus mean : 38.0006
Gaus Width: 3.6628
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch78, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 43
Std Dev 2.837
Gaus mean : 43.0213
Gaus Width: 3.7874
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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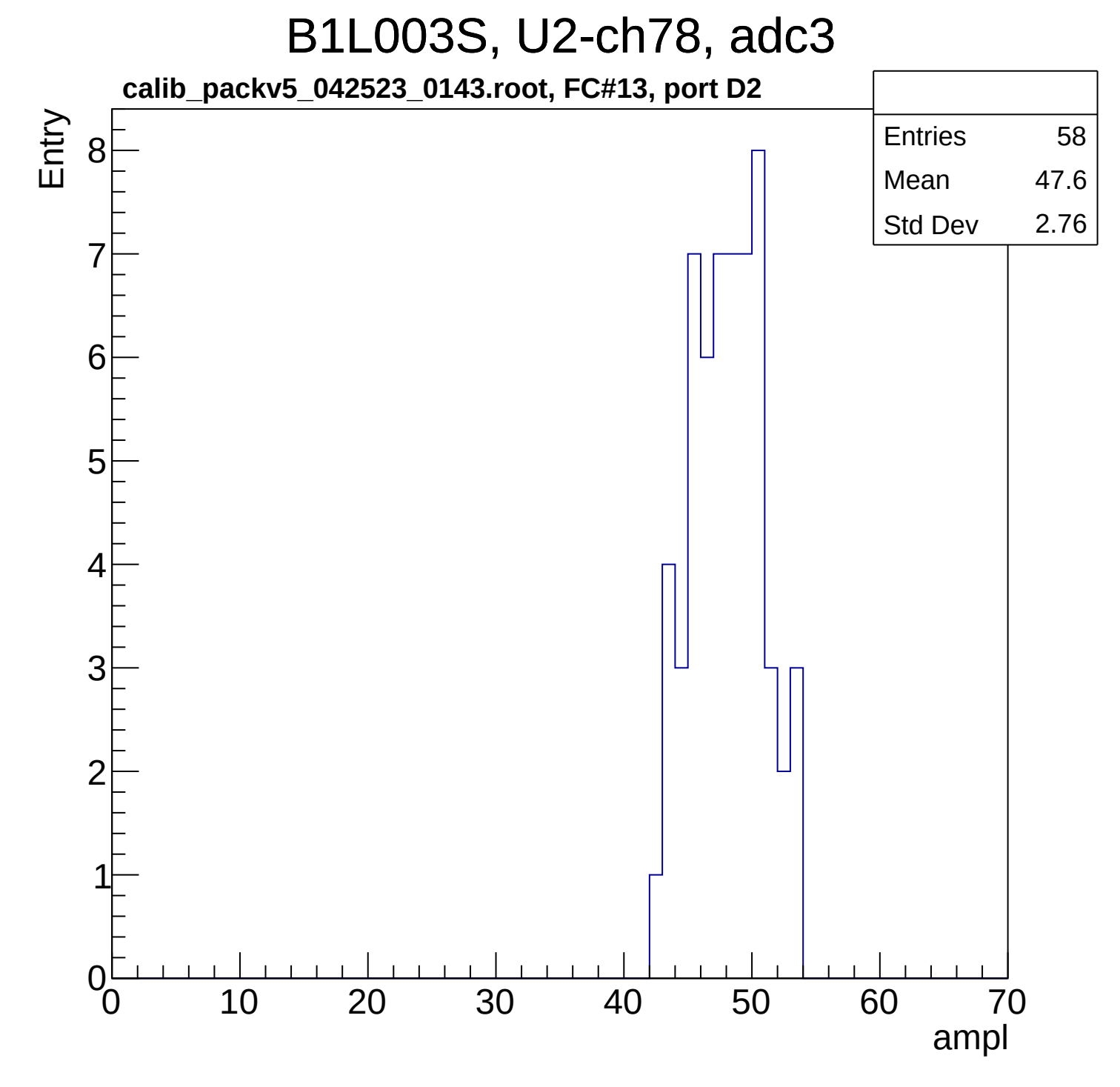
B1L003S, U2-ch78, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 47.6
Std Dev 2.76
Entry
ampl
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4
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6
7
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0
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60
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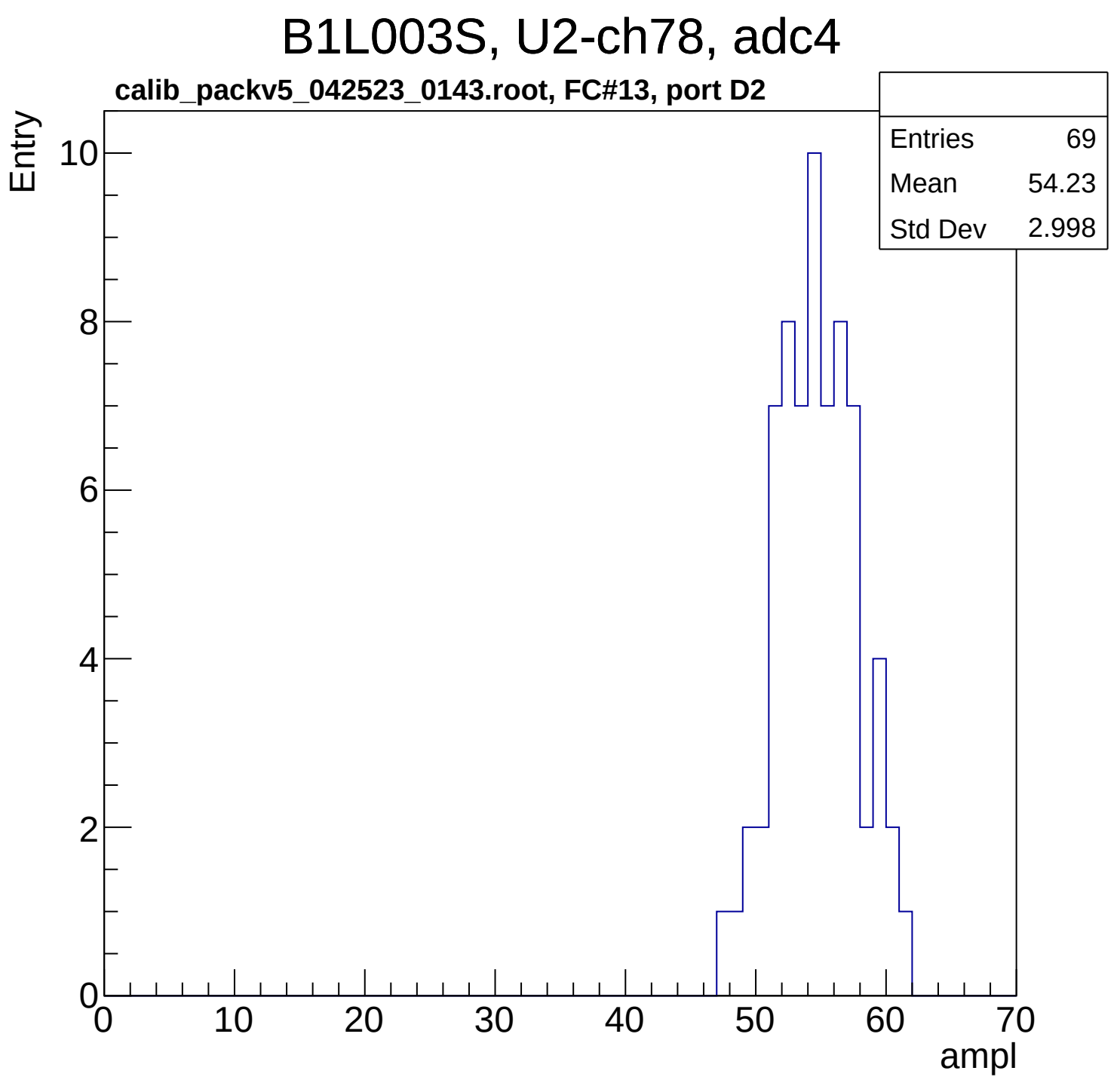
B1L003S, U2-ch78, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 54.23
Std Dev 2.998
Entry
ampl
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4
6
8
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0
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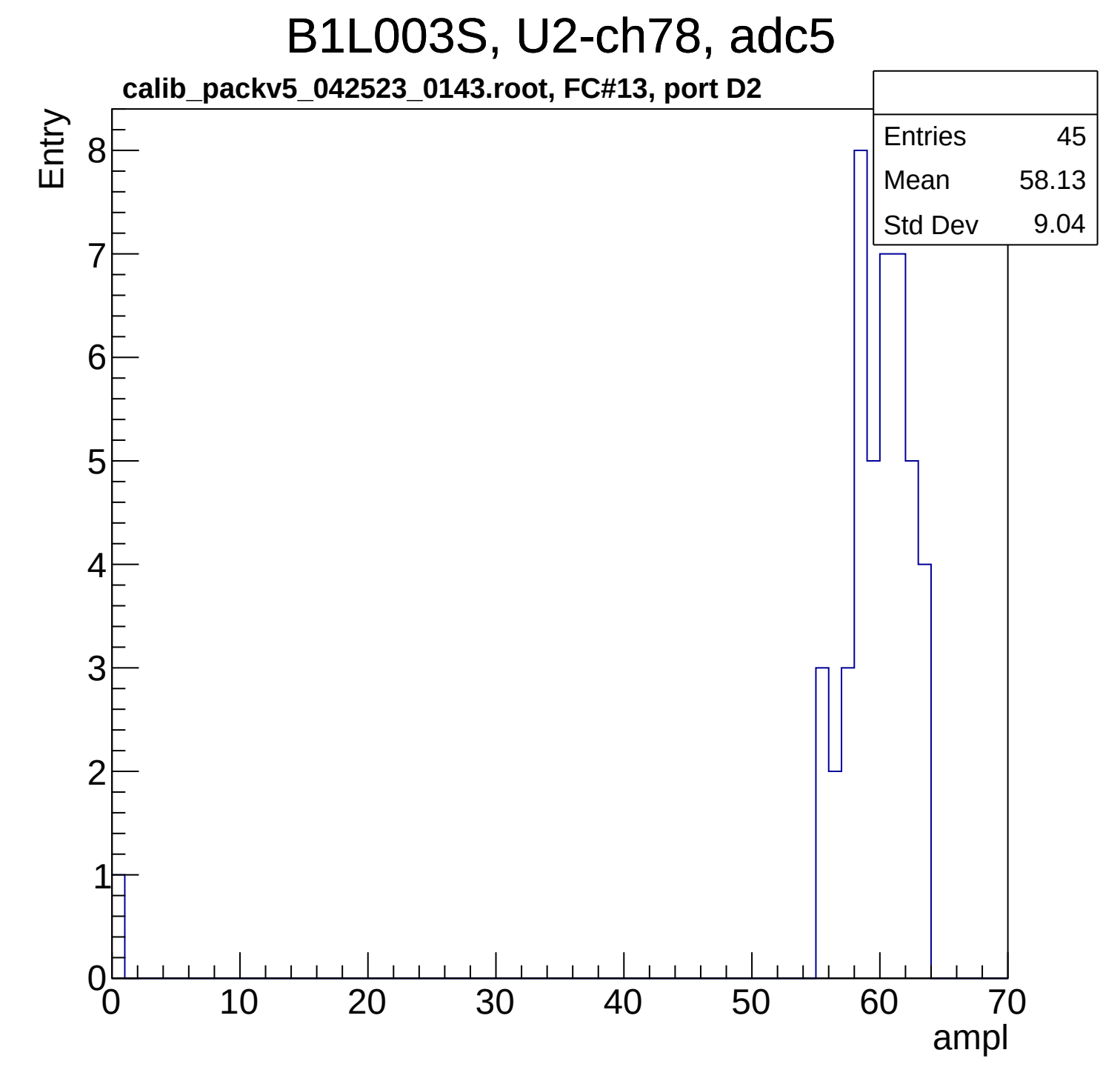
40
50
60
70


B1L003S, U2-ch78, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.13
Std Dev 9.04
Entry
ampl
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2
3
4
5
6
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20
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40
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60
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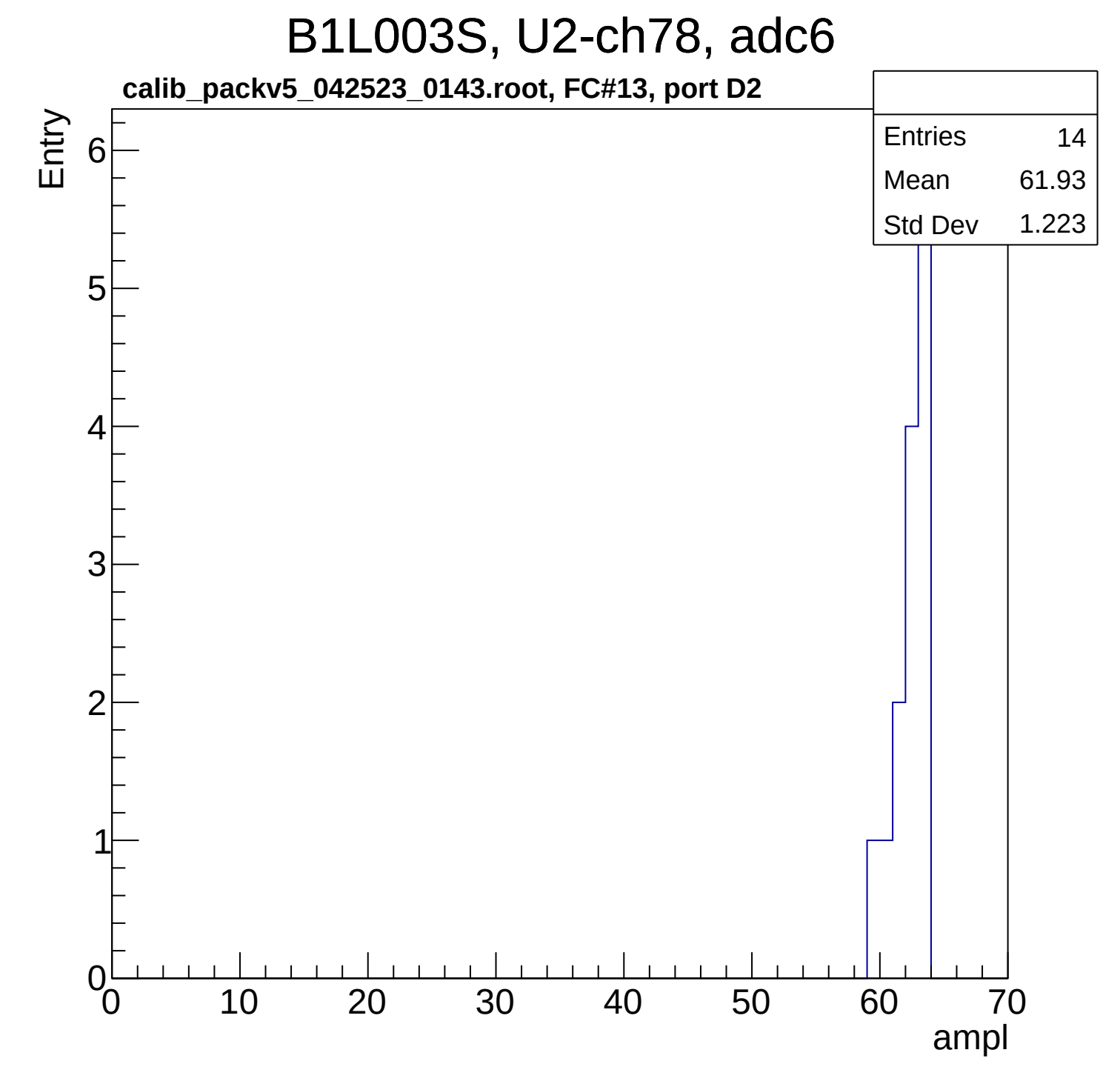
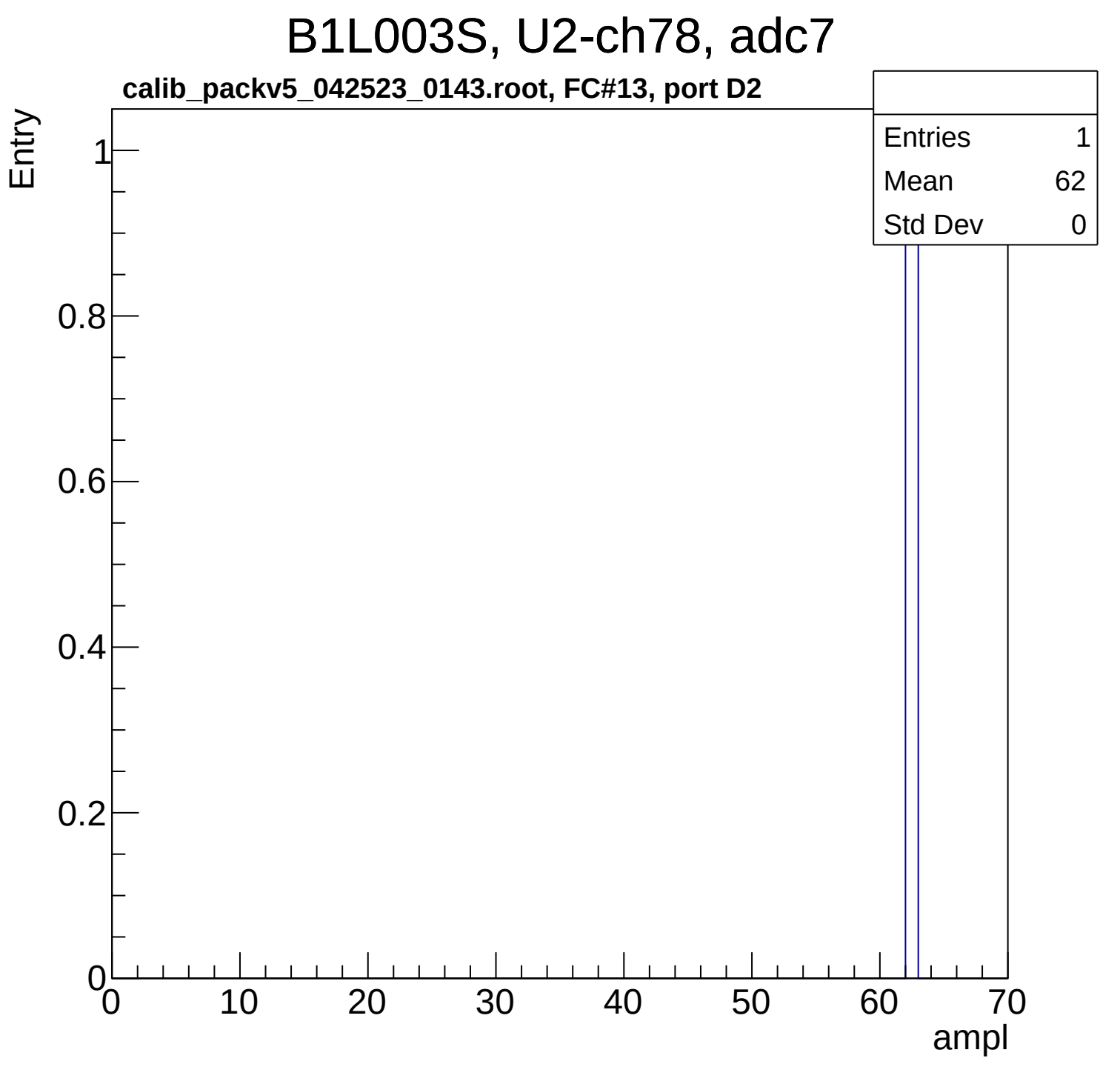

B1L003S, U2-ch78, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 14
Mean 61.93
Std Dev 1.223
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch78, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 62
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
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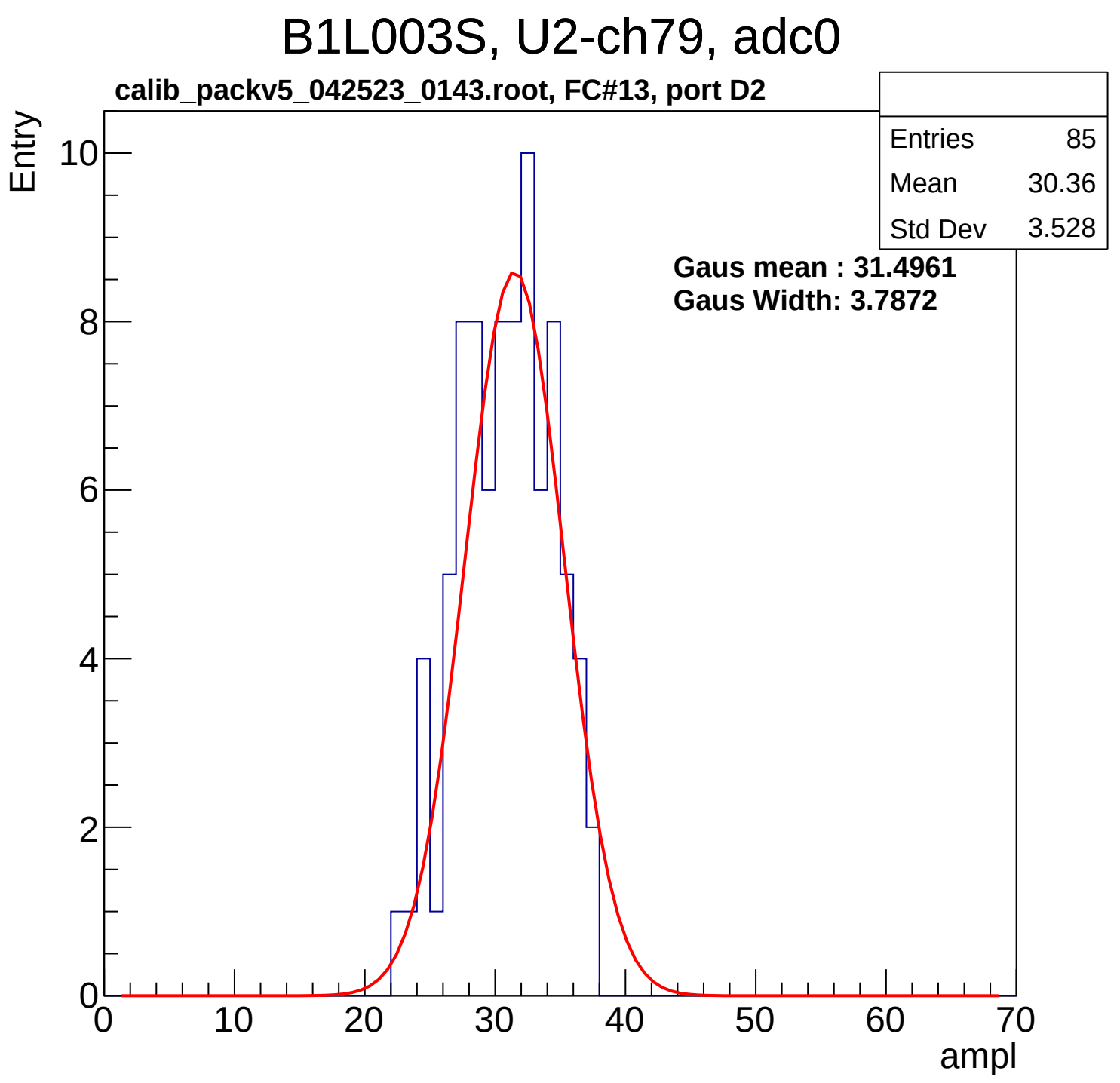
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch79, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 30.36
Std Dev 3.528
Gaus mean : 31.4961
Gaus Width: 3.7872
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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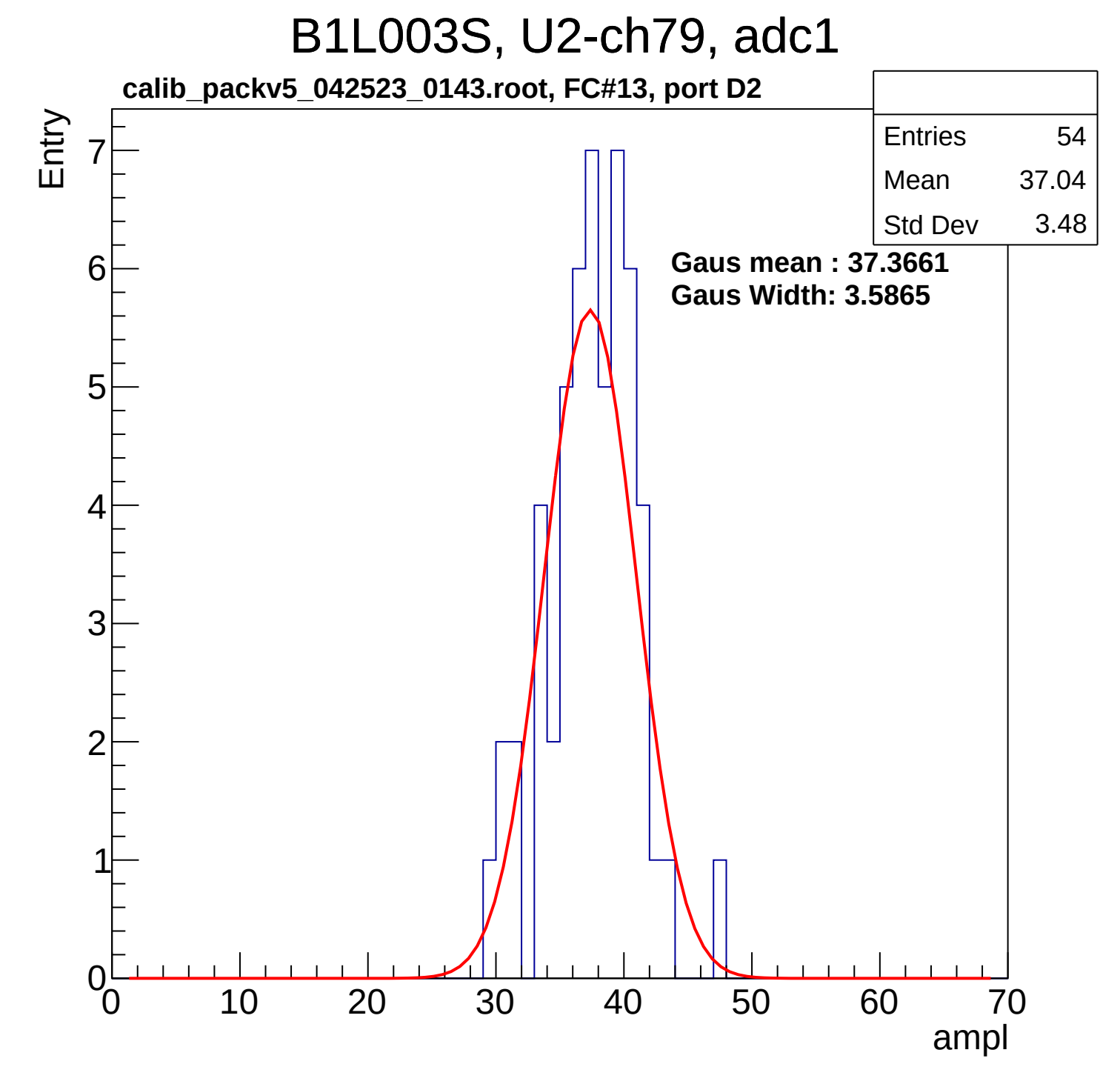
B1L003S, U2-ch79, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 37.04
Std Dev 3.48
Gaus mean : 37.3661
Gaus Width: 3.5865
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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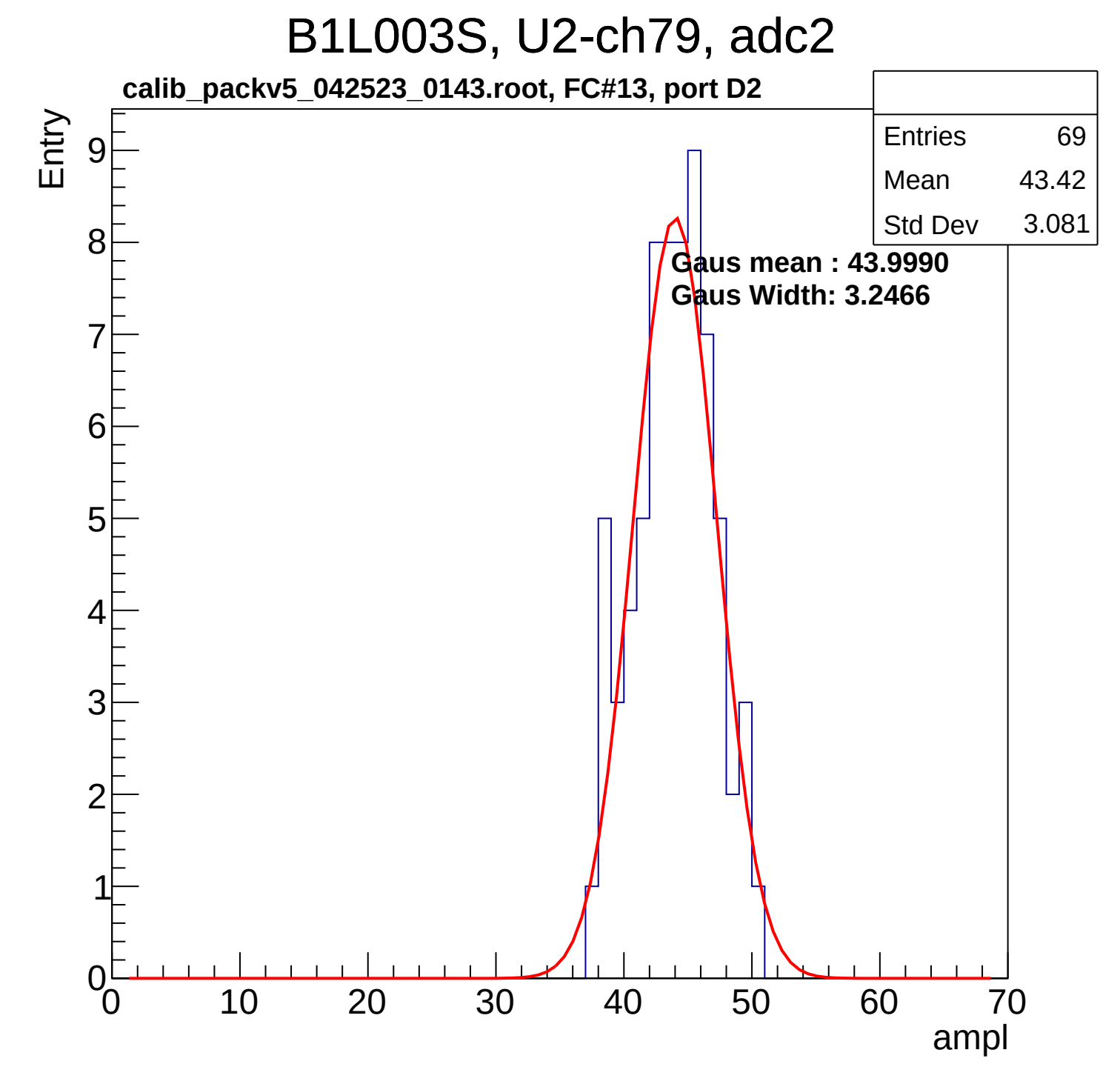
B1L003S, U2-ch79, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 43.42
Std Dev 3.081
Gaus mean : 43.9990
Gaus Width: 3.2466
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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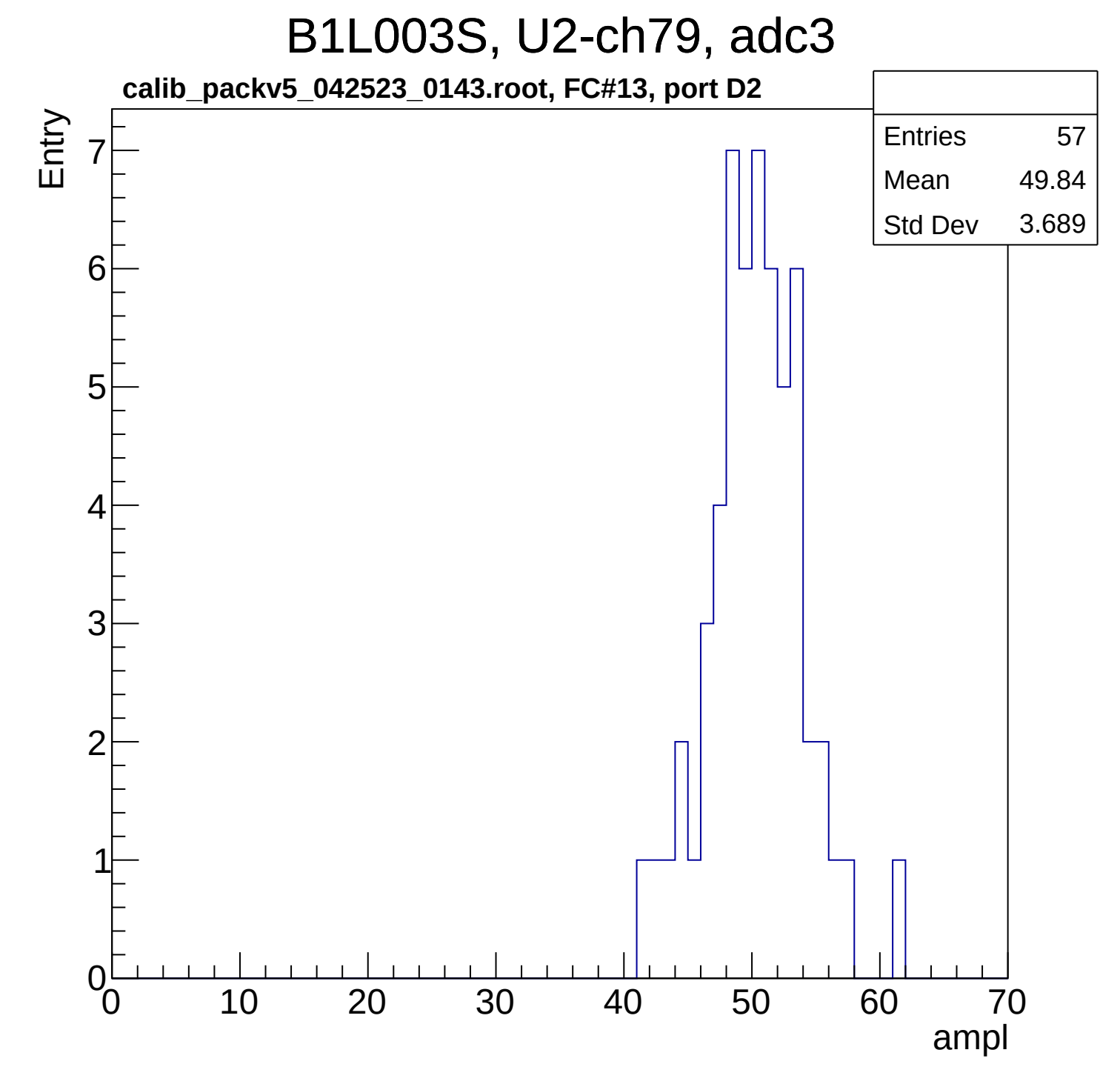
B1L003S, U2-ch79, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 49.84
Std Dev 3.689
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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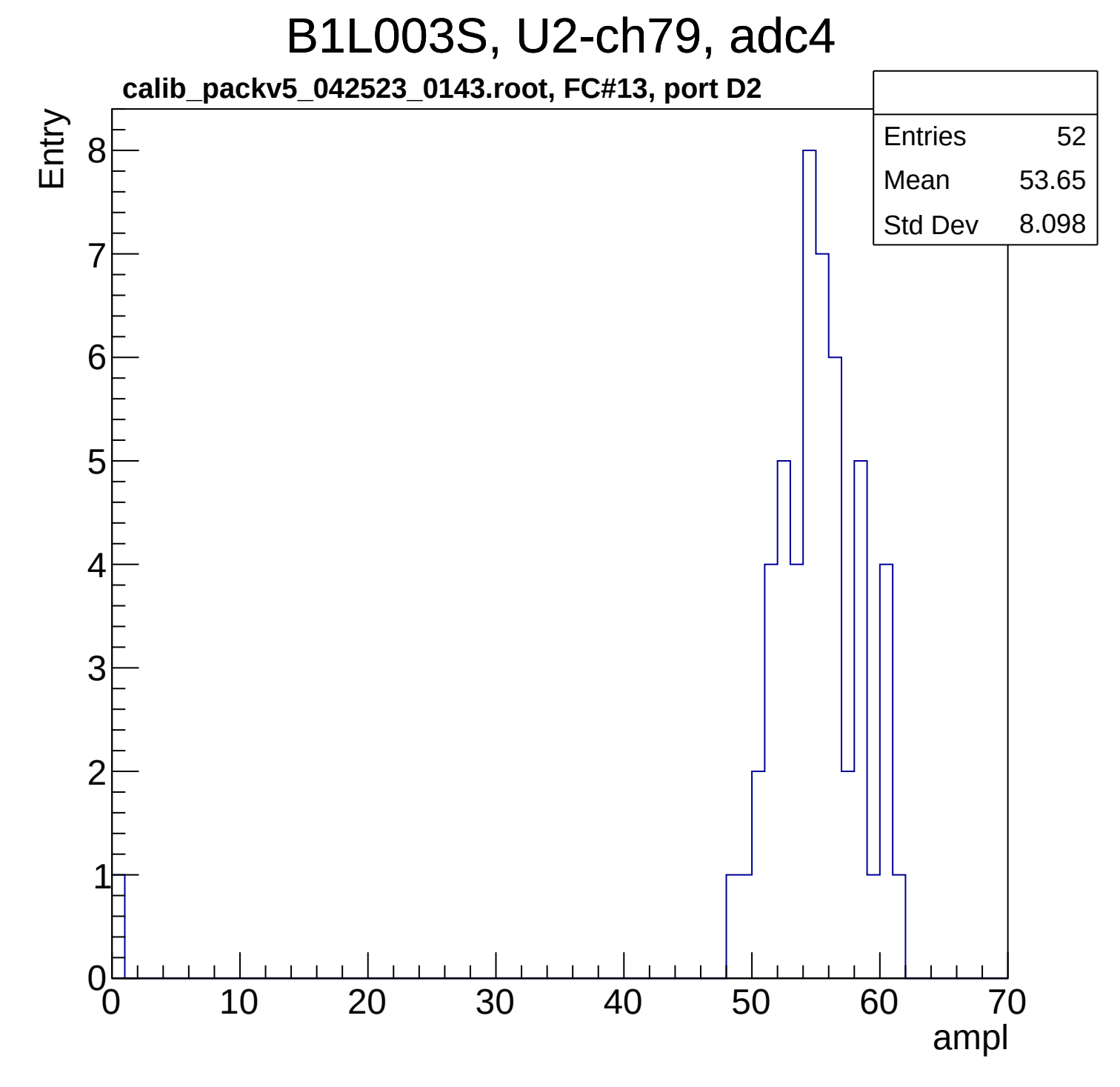
B1L003S, U2-ch79, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 53.65
Std Dev 8.098
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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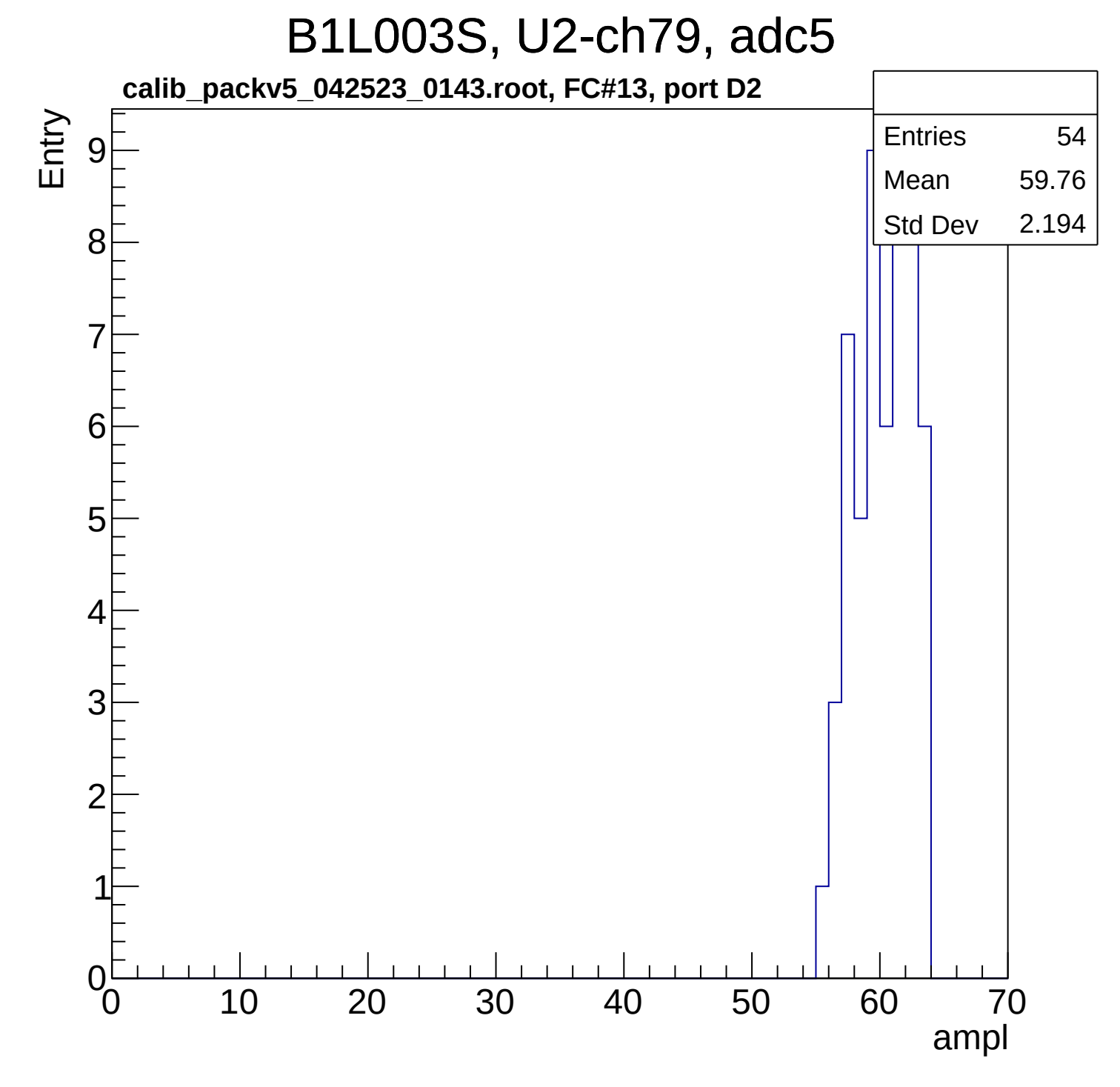
B1L003S, U2-ch79, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 59.76
Std Dev 2.194
Entry
ampl
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3
4
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6
7
8
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0
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40
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60
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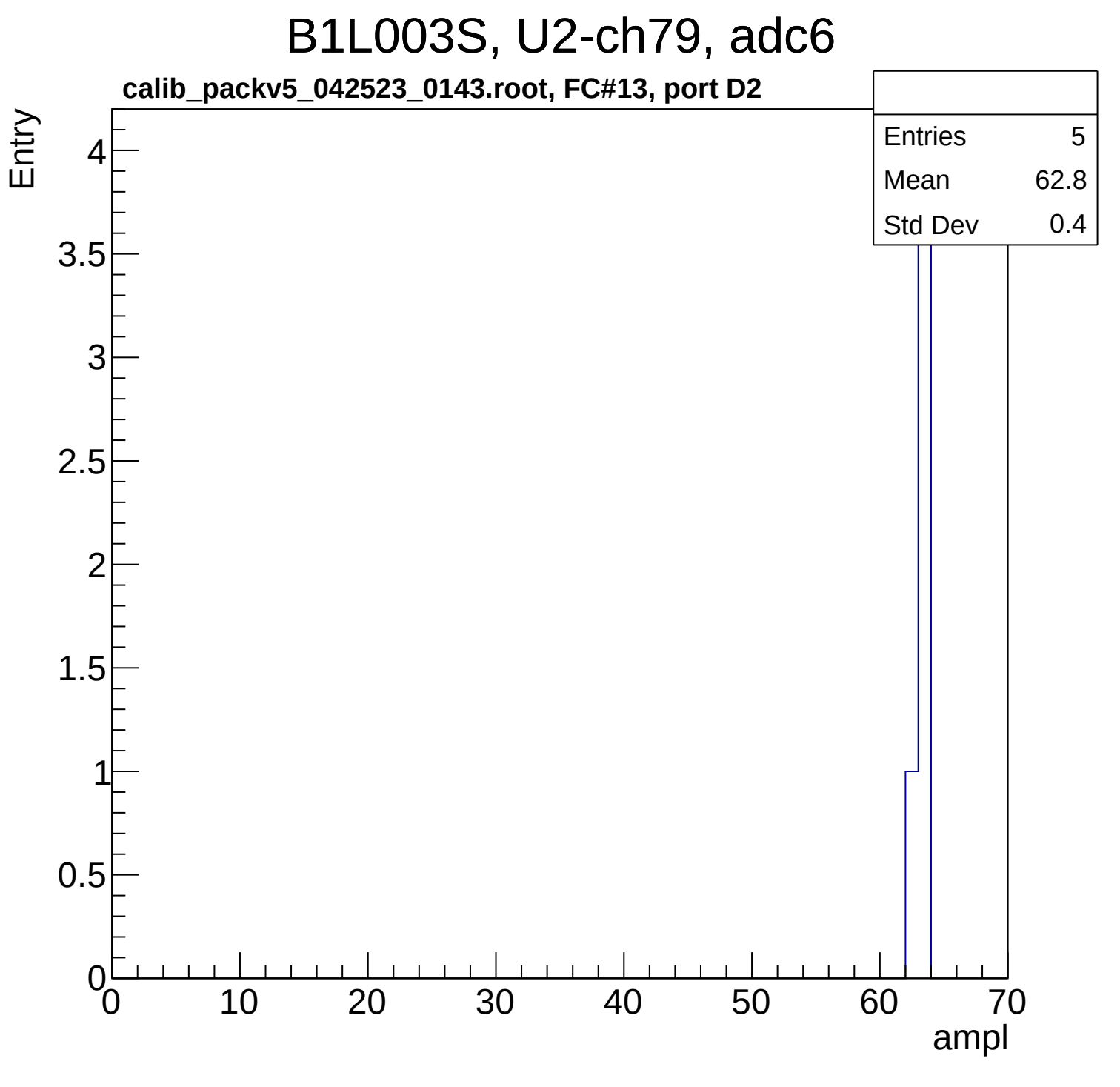
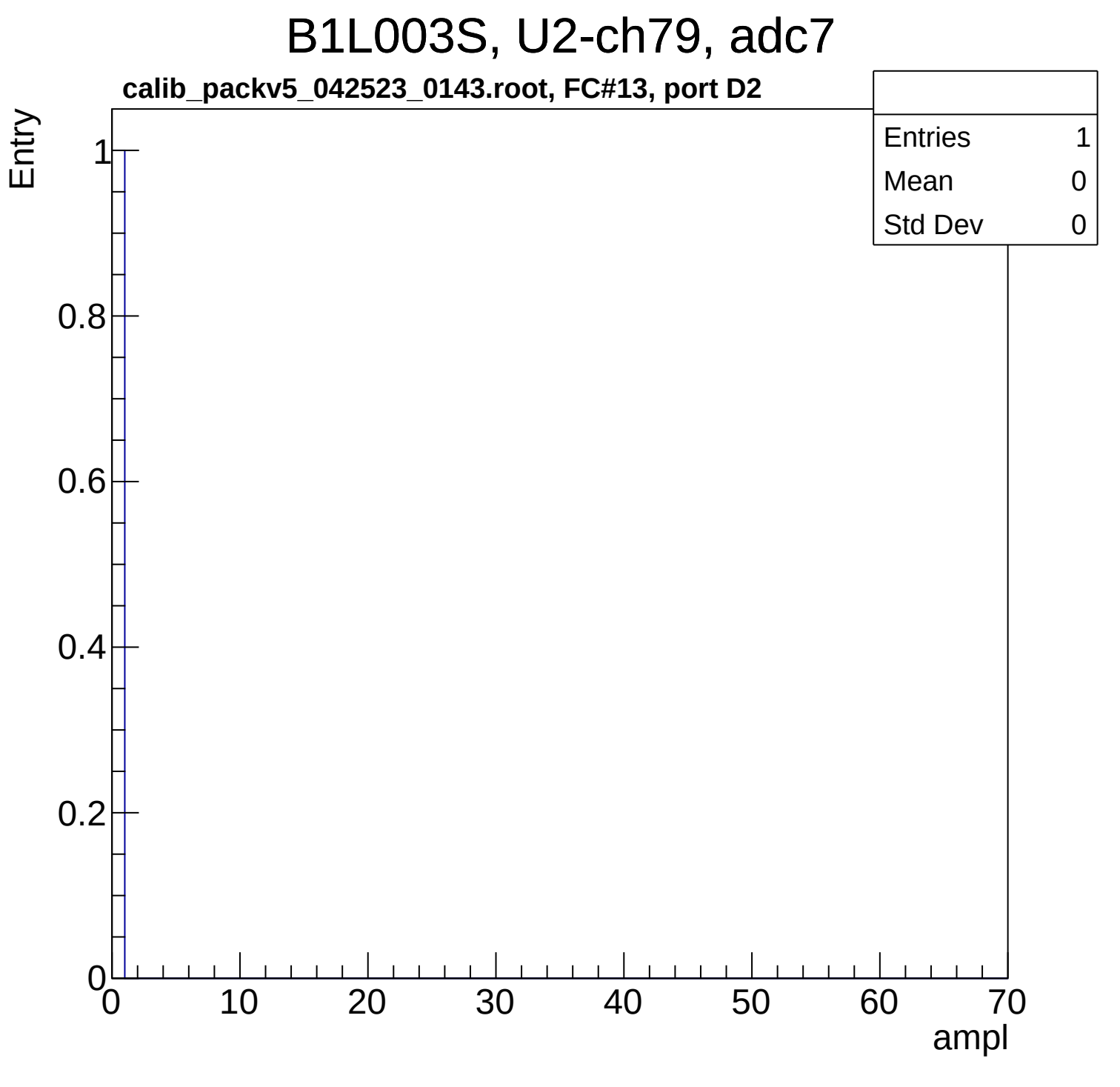
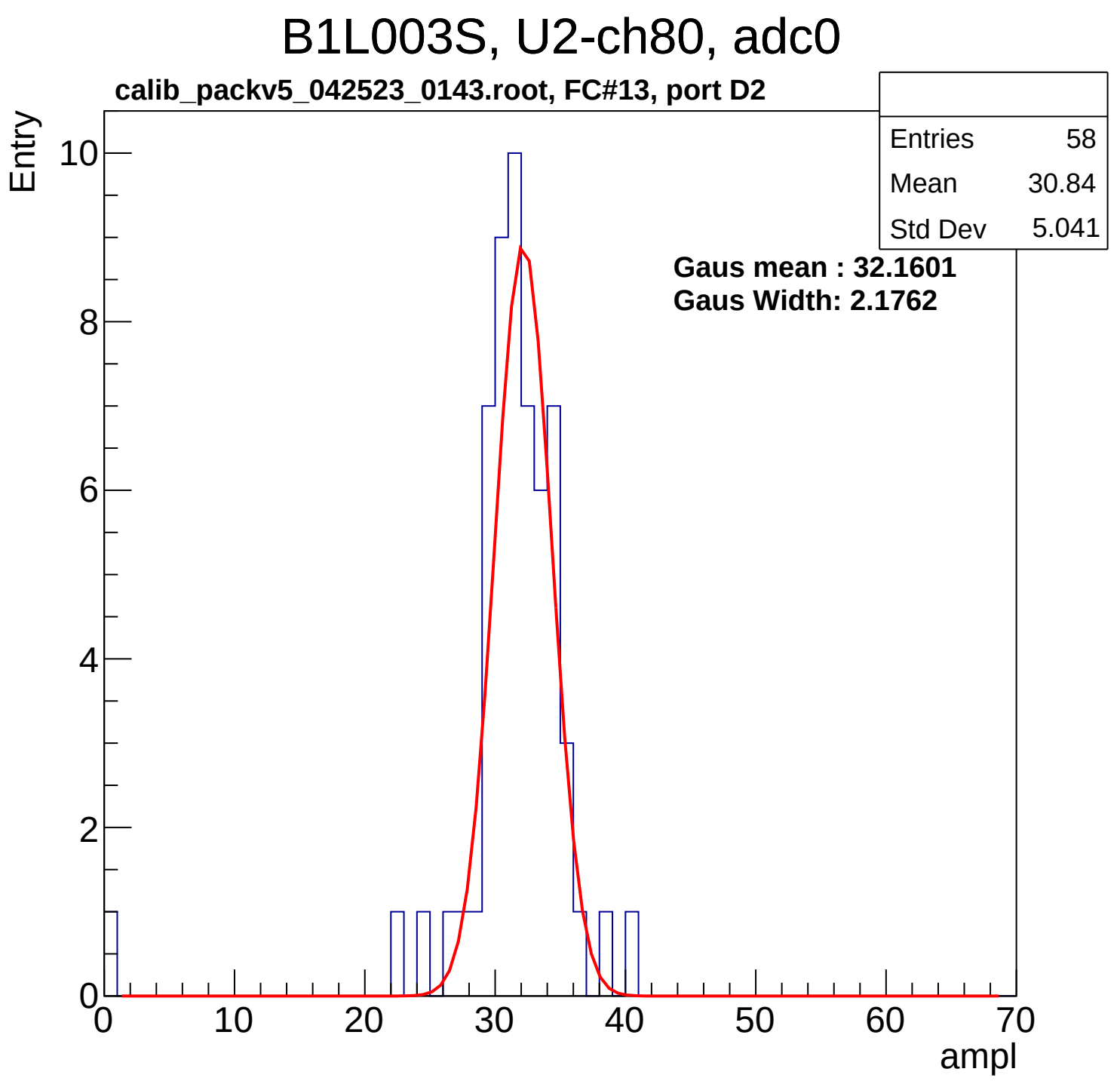
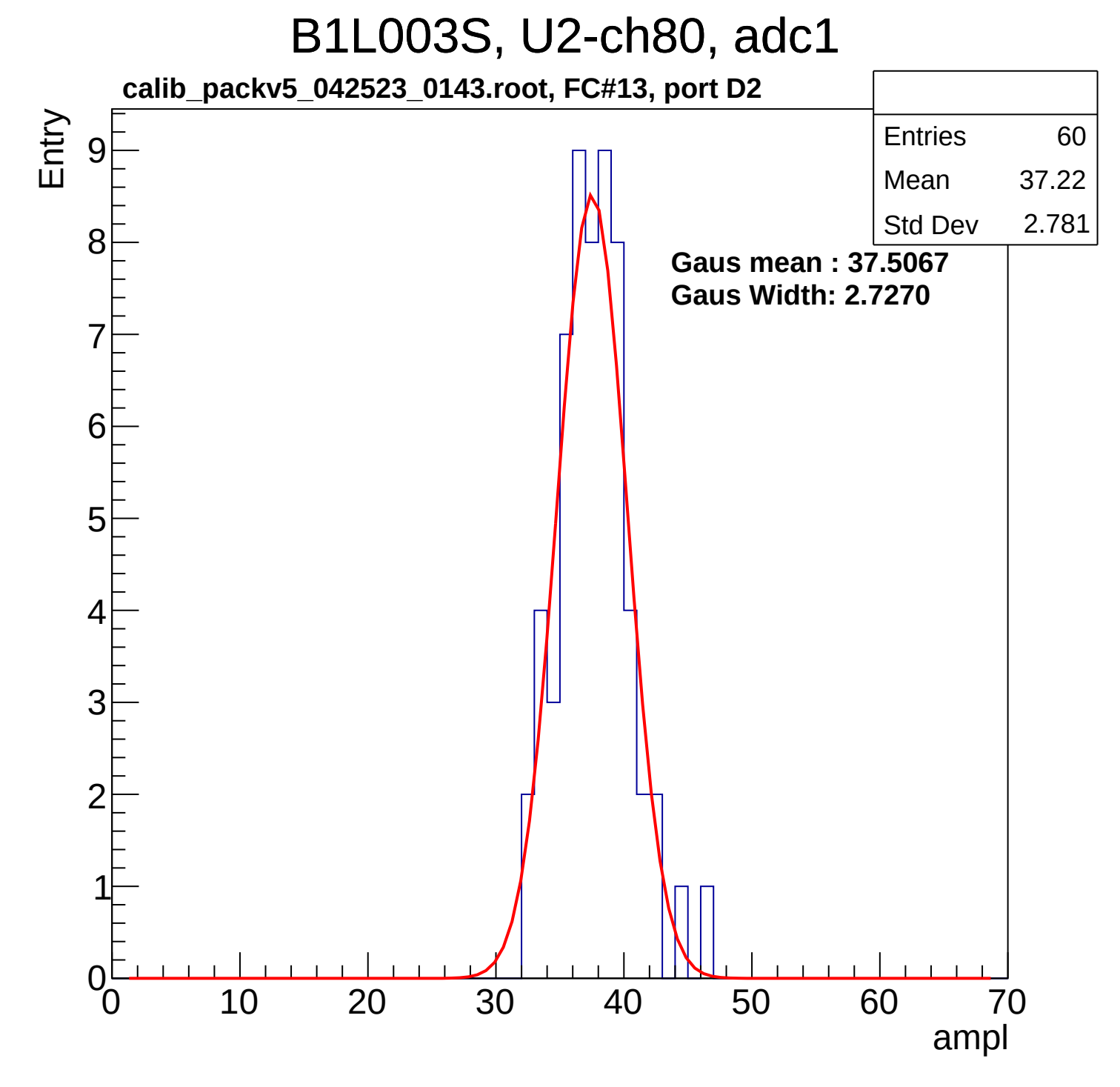

B1L003S, U2-ch79, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.8
Std Dev 0.4
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U2-ch79, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch80, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 30.84
Std Dev 5.041
Gaus mean : 32.1601
Gaus Width: 2.1762
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch80, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 37.22
Std Dev 2.781
Gaus mean : 37.5067
Gaus Width: 2.7270
Entry
ampl
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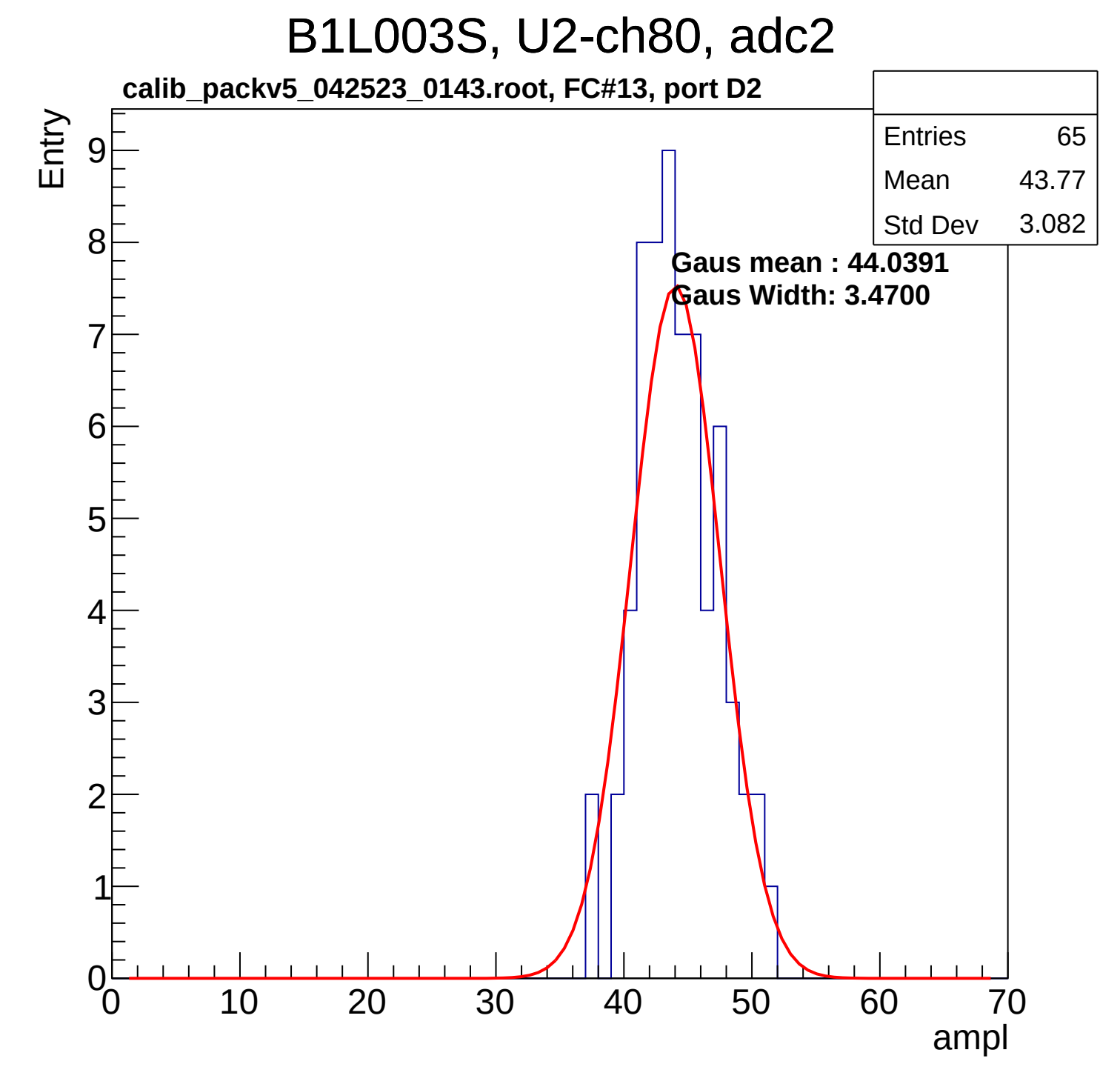
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch80, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 43.77
Std Dev 3.082
Gaus mean : 44.0391
Gaus Width: 3.4700
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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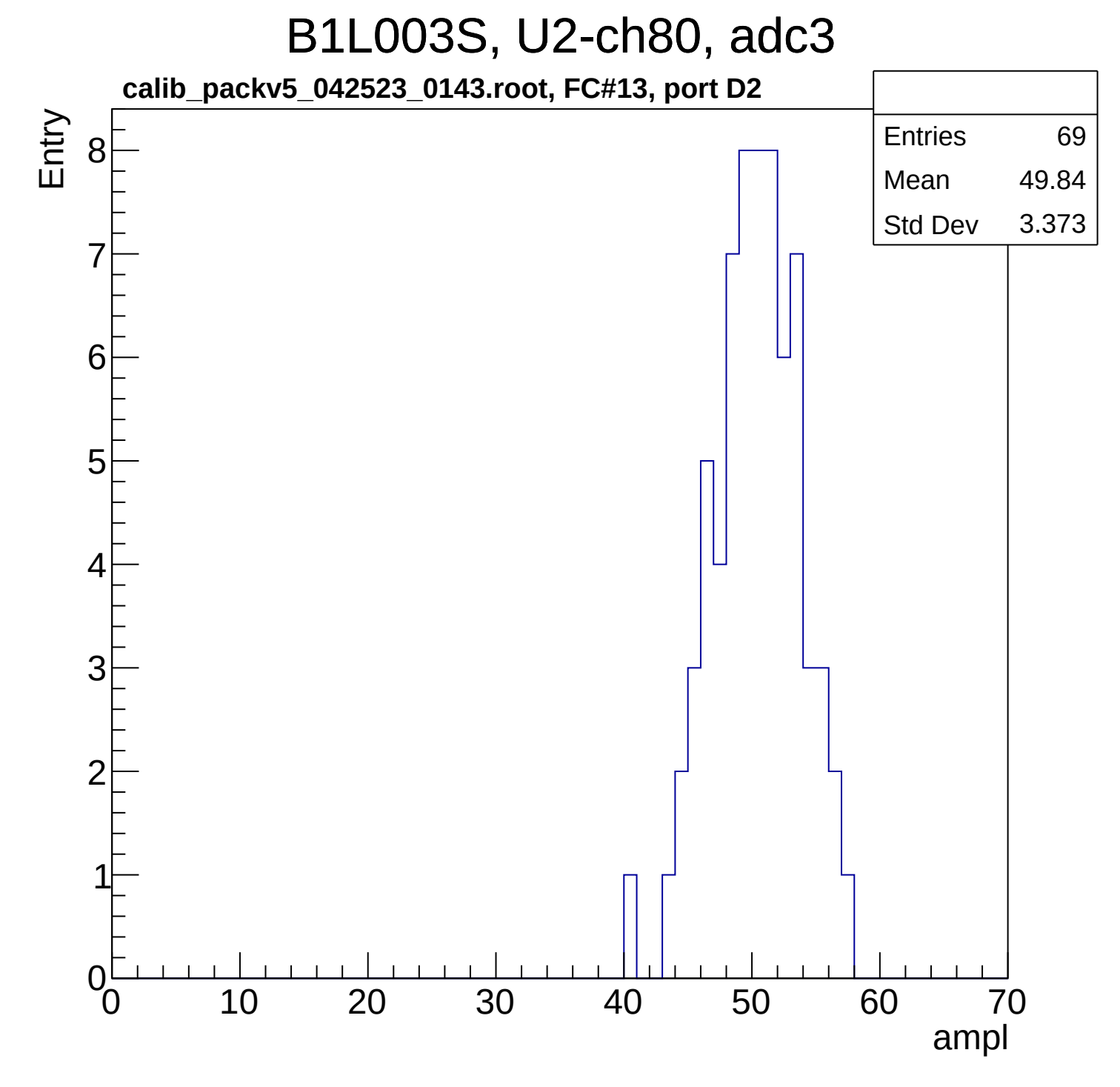
B1L003S, U2-ch80, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 49.84
Std Dev 3.373
Entry
ampl
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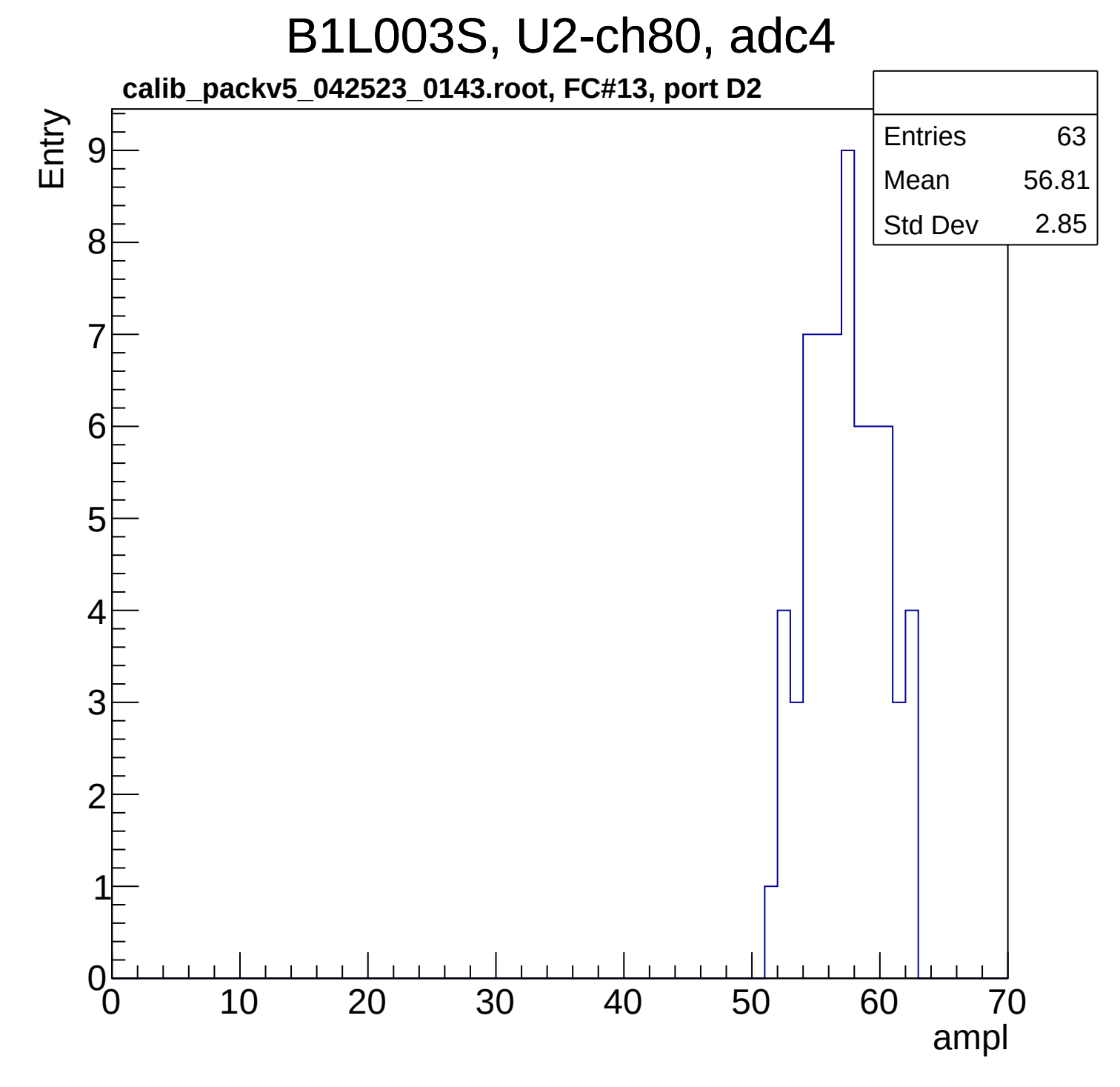
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch80, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 56.81
Std Dev 2.85
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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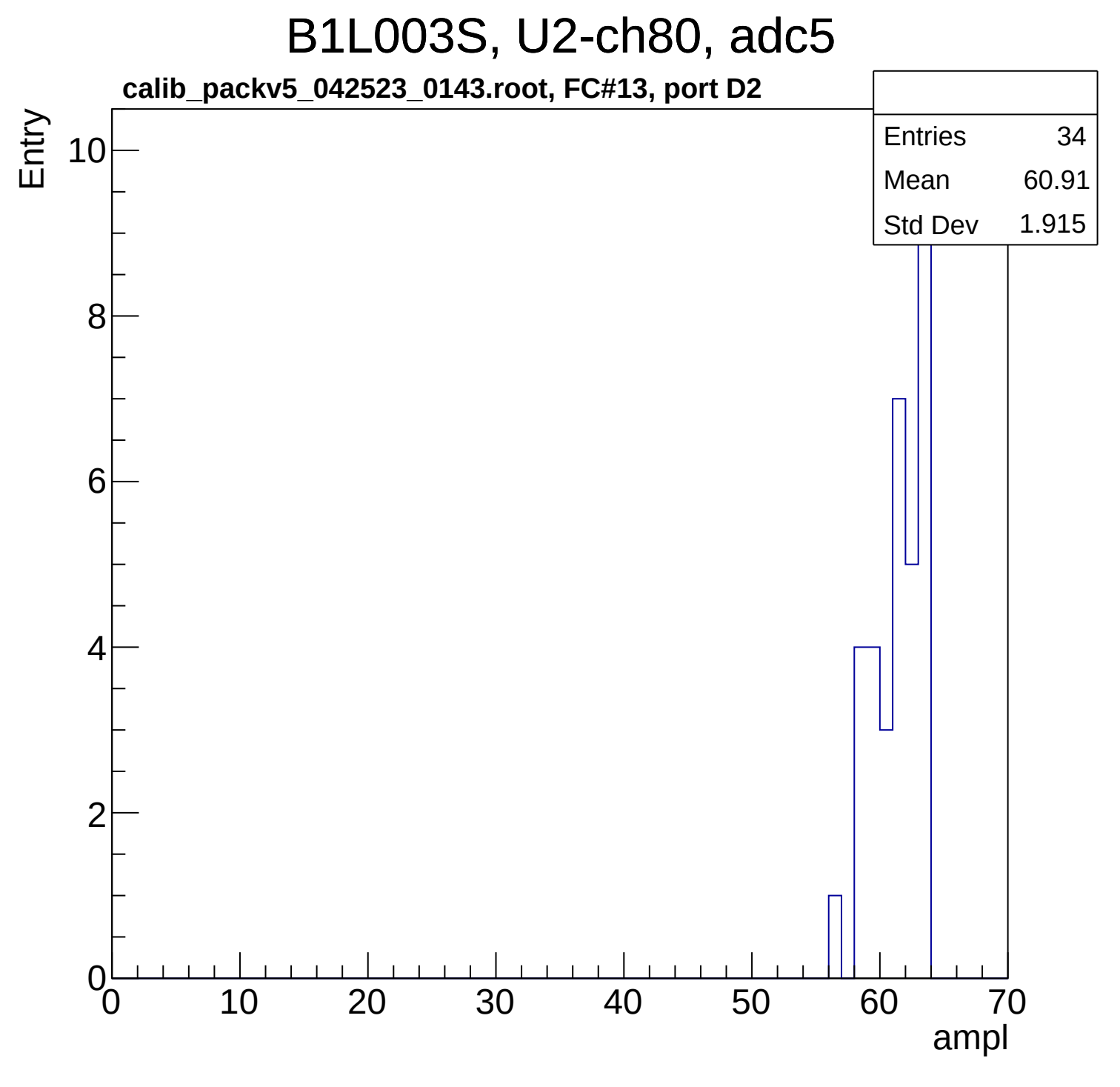
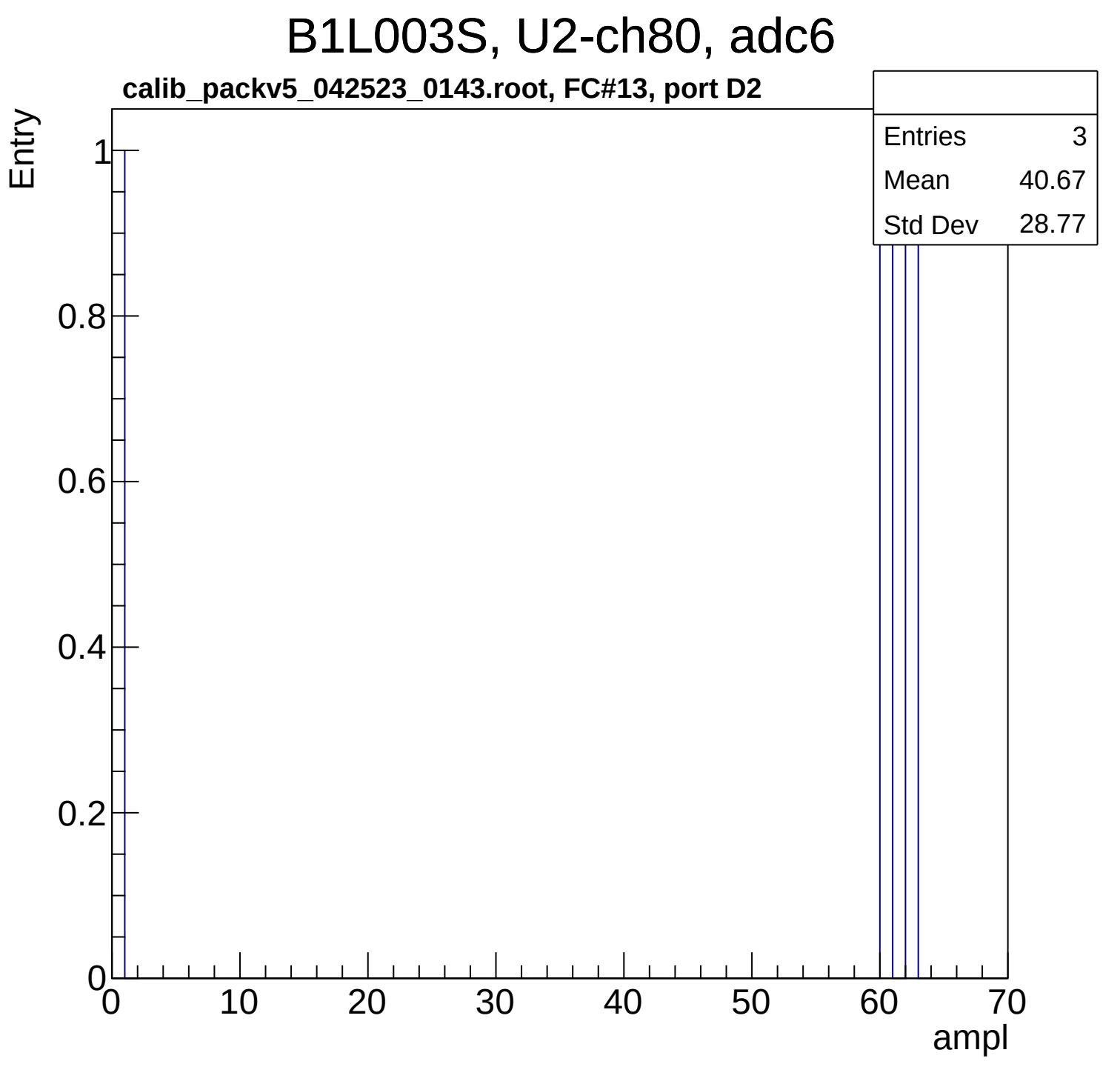
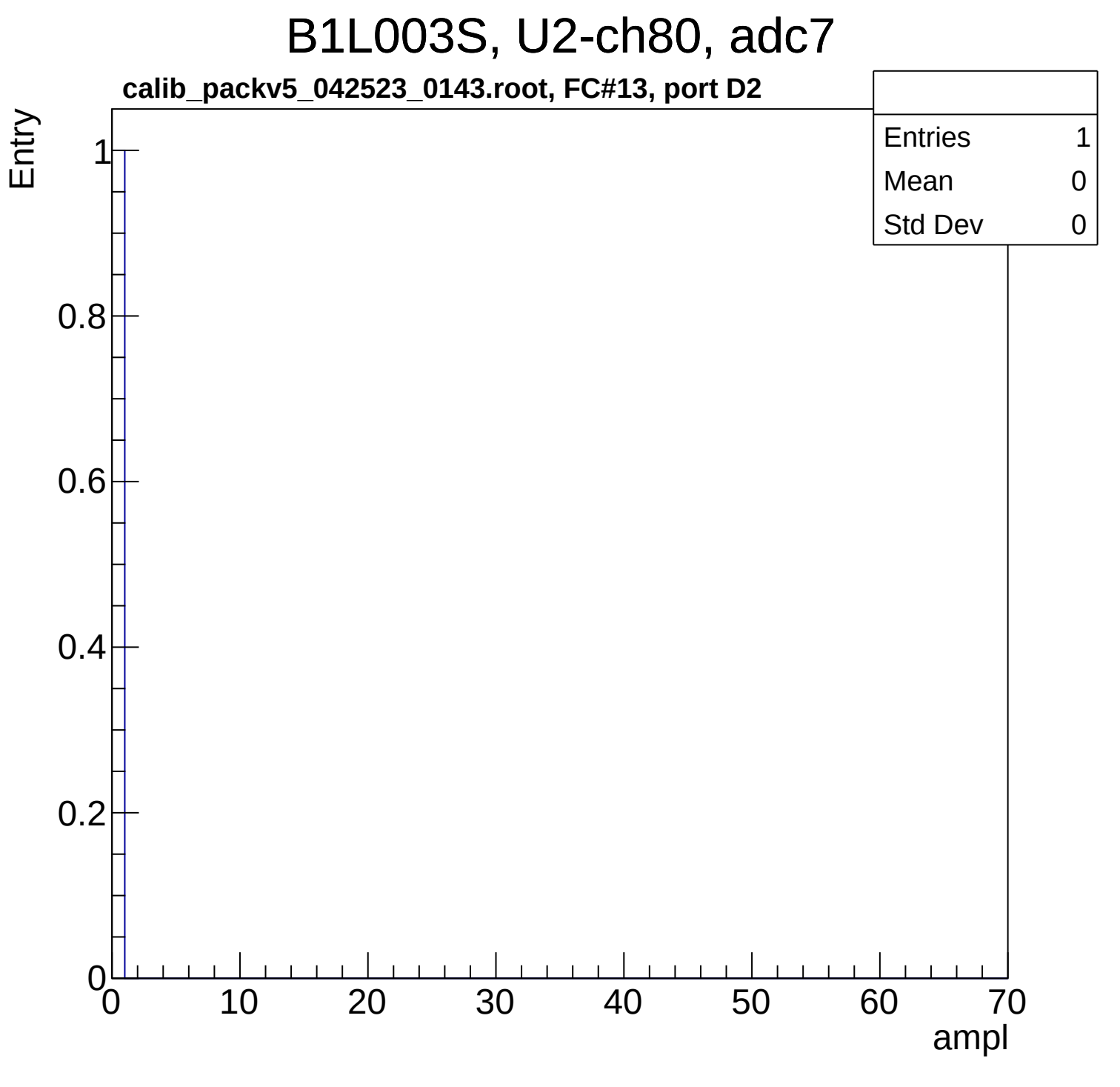
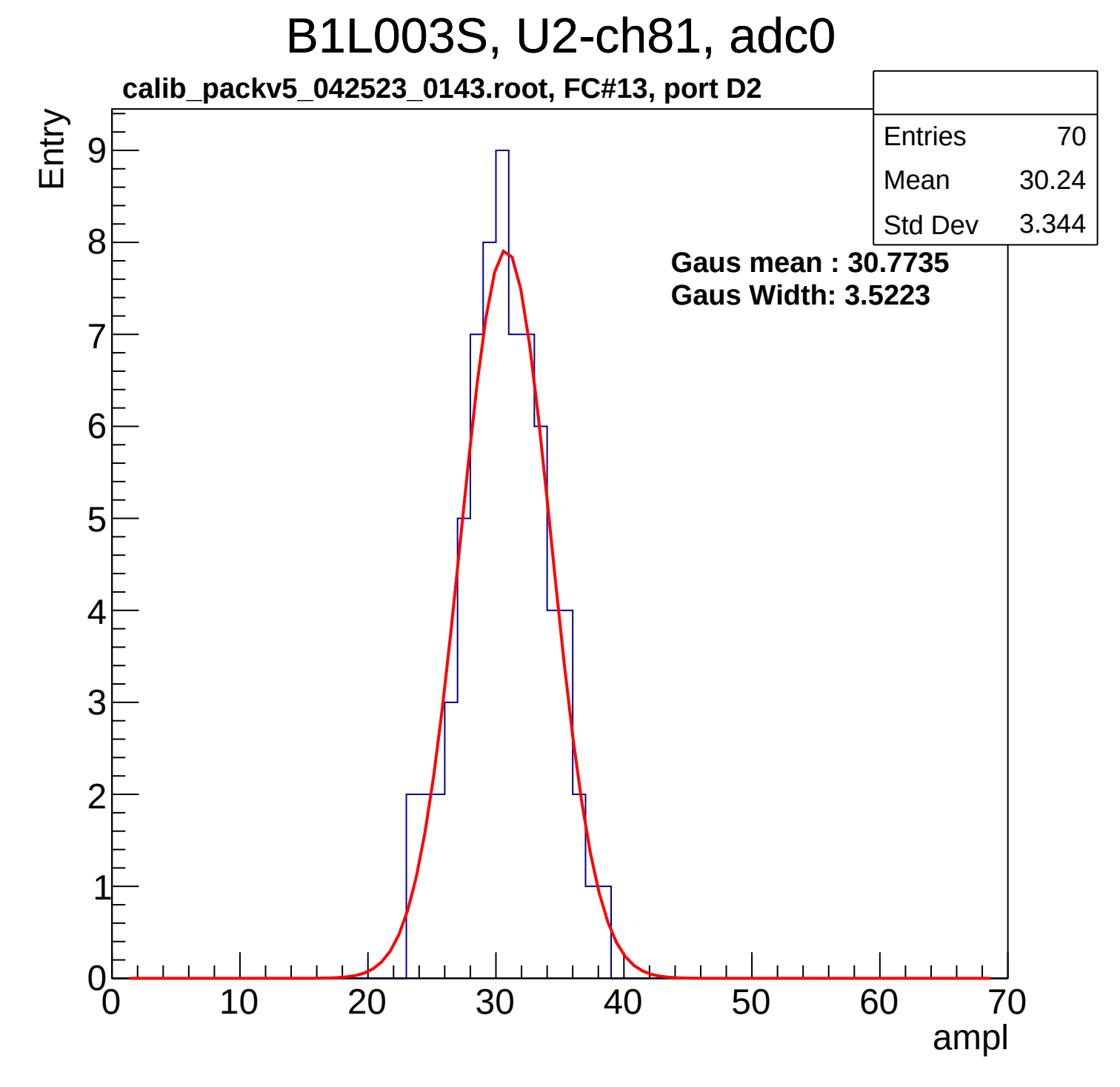

B1L003S, U2-ch80, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 34
Mean 60.91
Std Dev 1.915
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch80, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 40.67
Std Dev 28.77
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L003S, U2-ch80, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch81, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 30.24
Std Dev 3.344
Gaus mean : 30.7735
Gaus Width: 3.5223
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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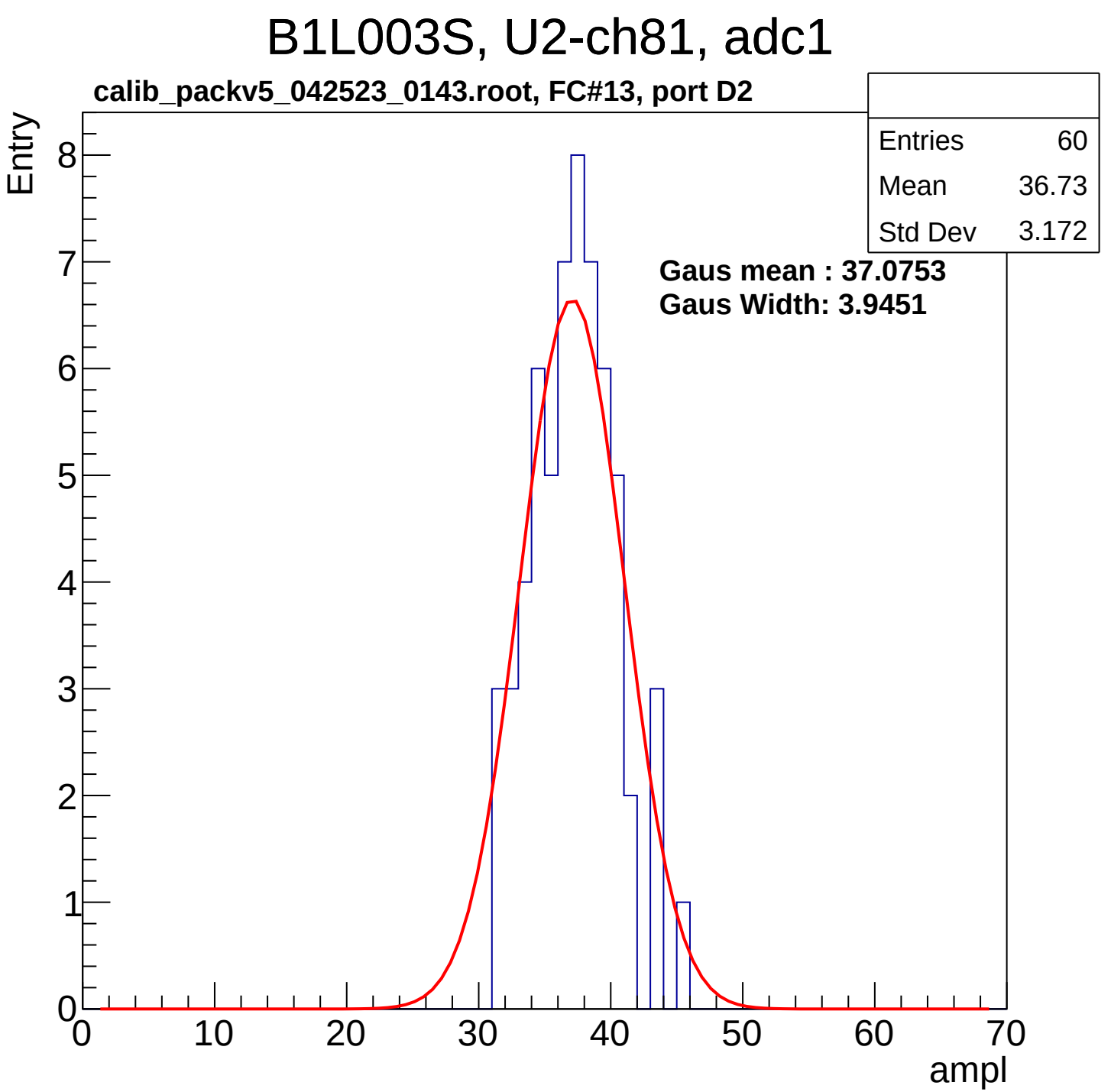
40
50
60
70


B1L003S, U2-ch81, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 36.73
Std Dev 3.172
Gaus mean : 37.0753
Gaus Width: 3.9451
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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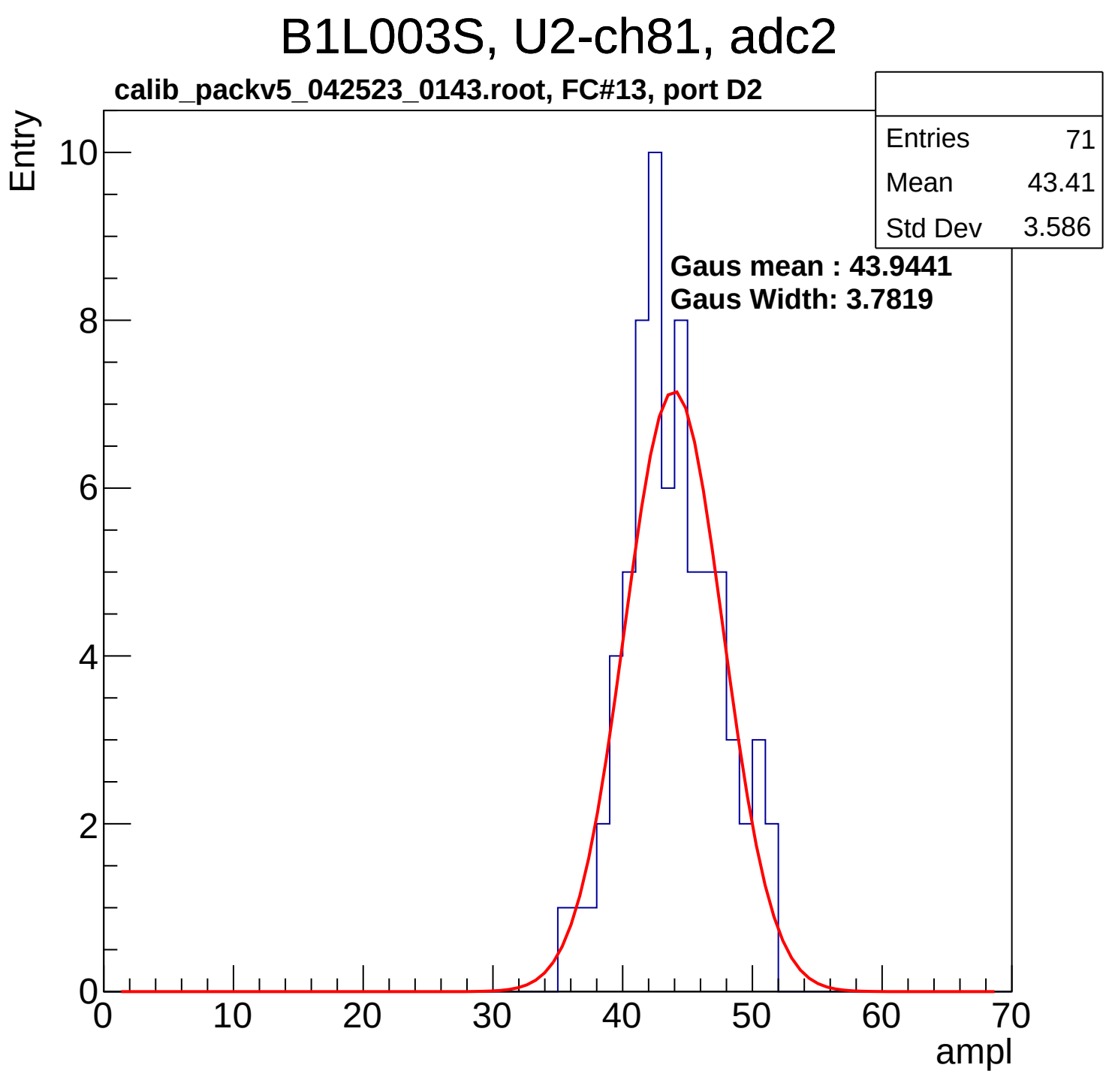
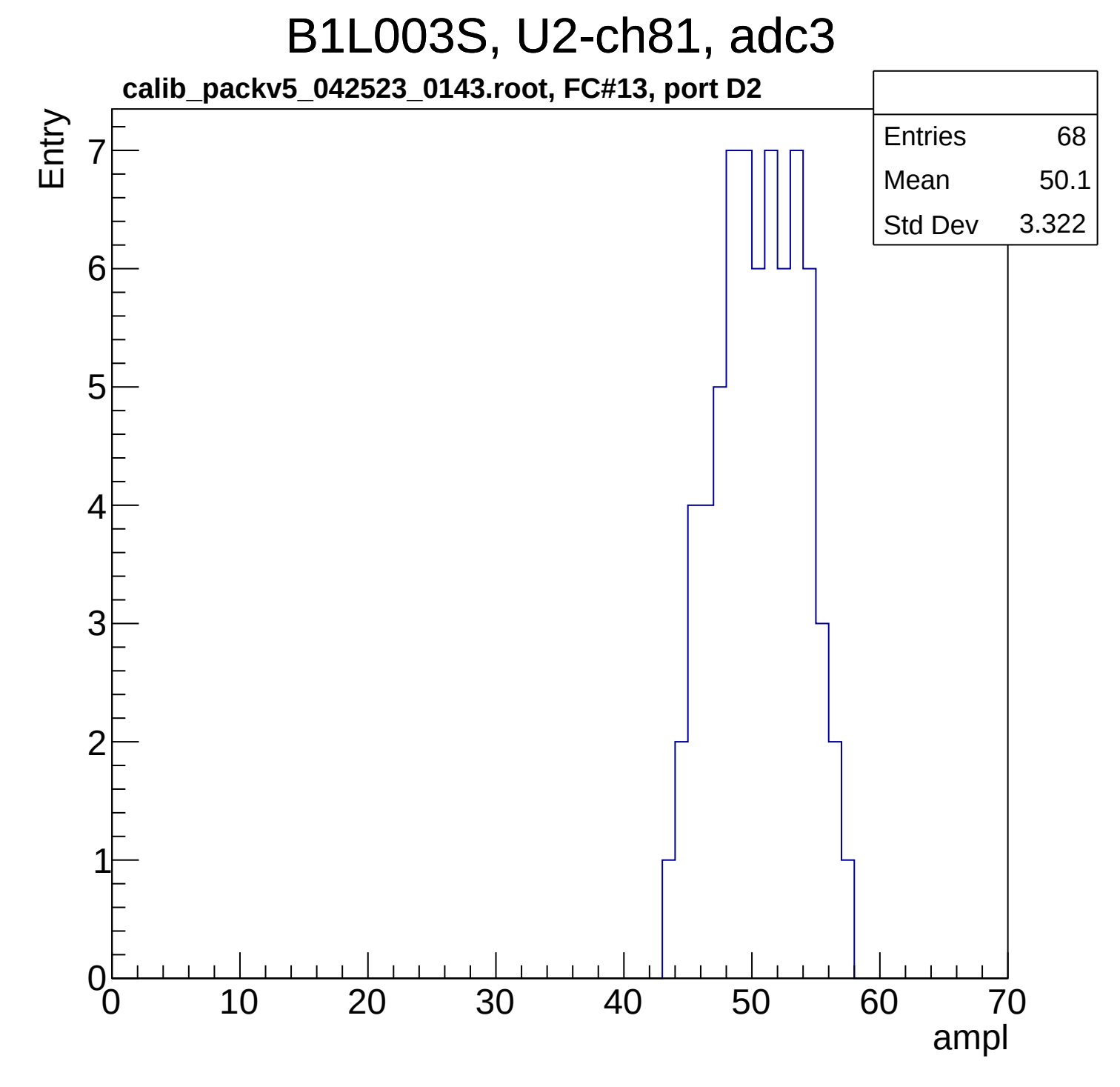

B1L003S, U2-ch81, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 43.41
Std Dev 3.586
Gaus mean : 43.9441
Gaus Width: 3.7819
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch81, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 50.1
Std Dev 3.322
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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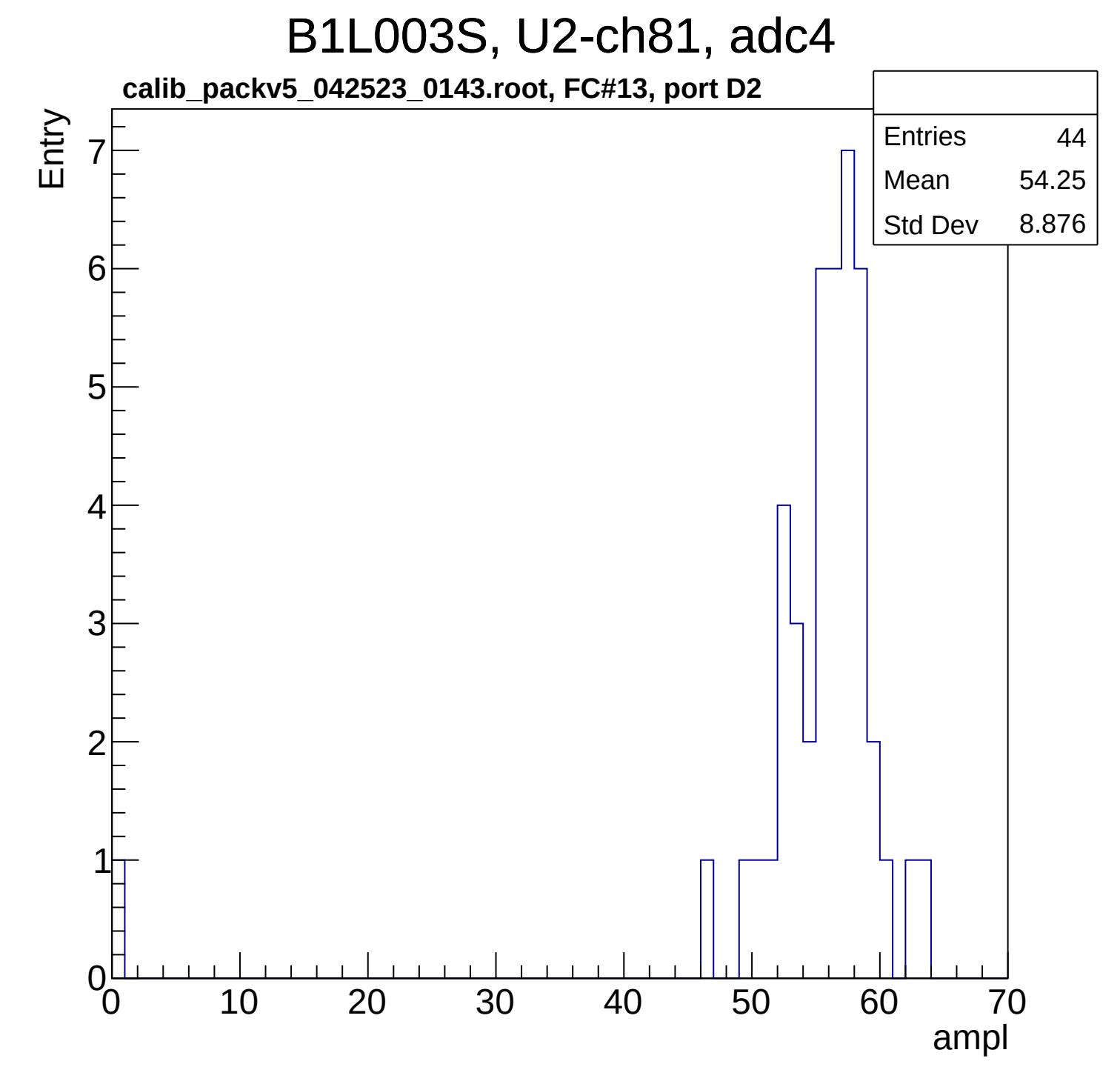
40
50
60
70


B1L003S, U2-ch81, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 54.25
Std Dev 8.876
Entry
ampl
0
1
2
3
4
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6
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0
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60
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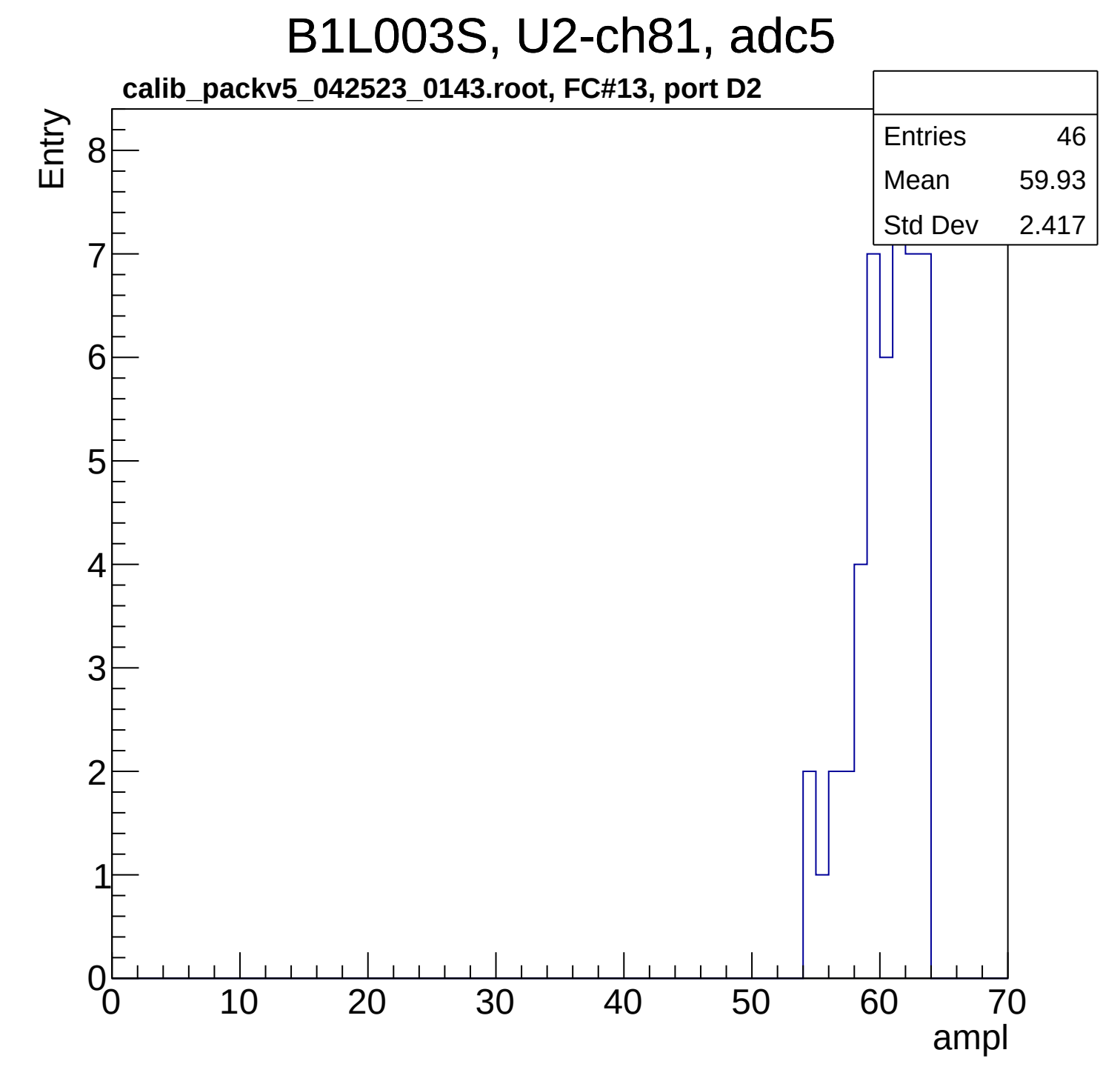
B1L003S, U2-ch81, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 59.93
Std Dev 2.417
Entry
ampl
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0
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60
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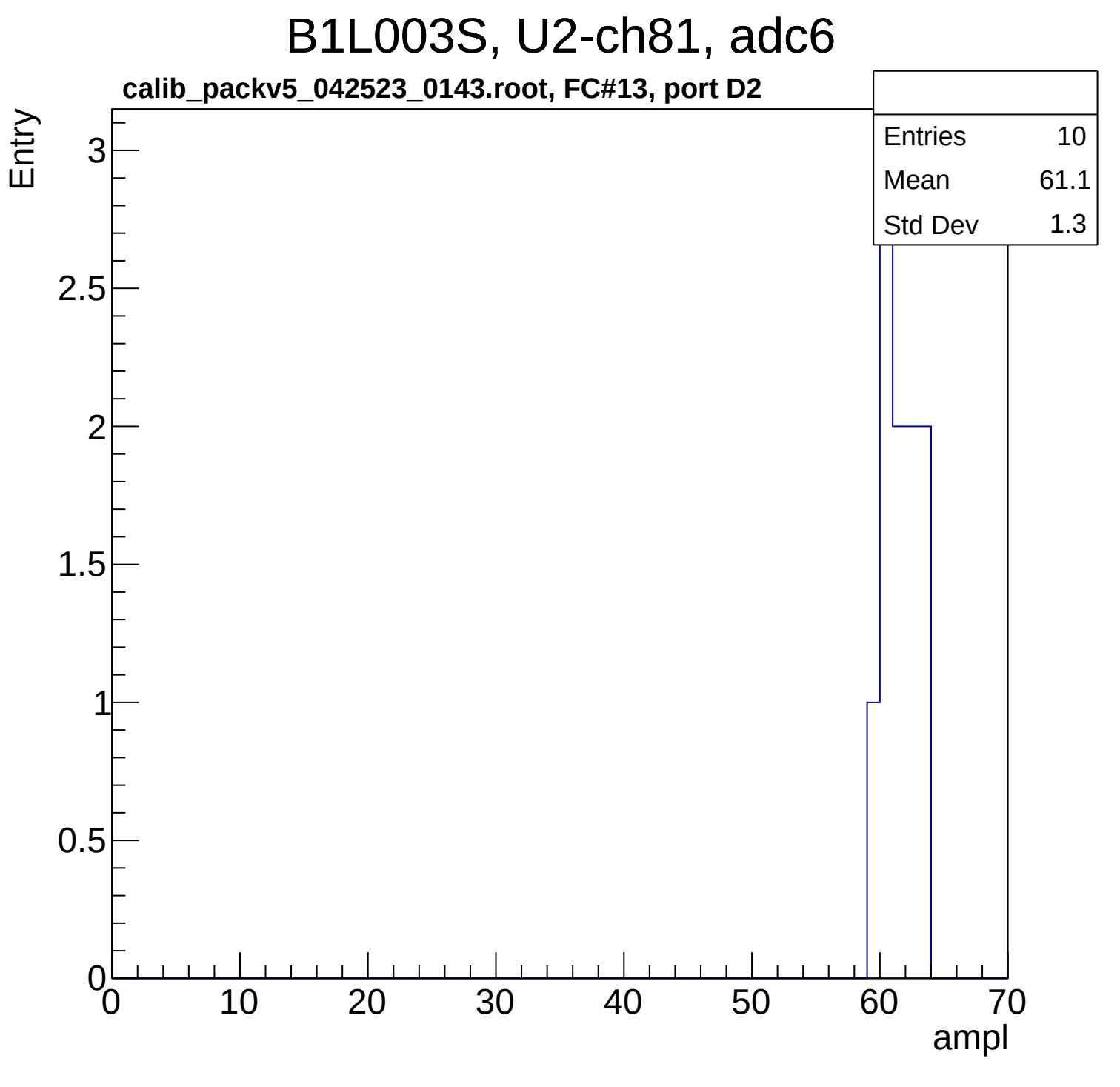
B1L003S, U2-ch81, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 61.1
Std Dev 1.3
Entry
ampl
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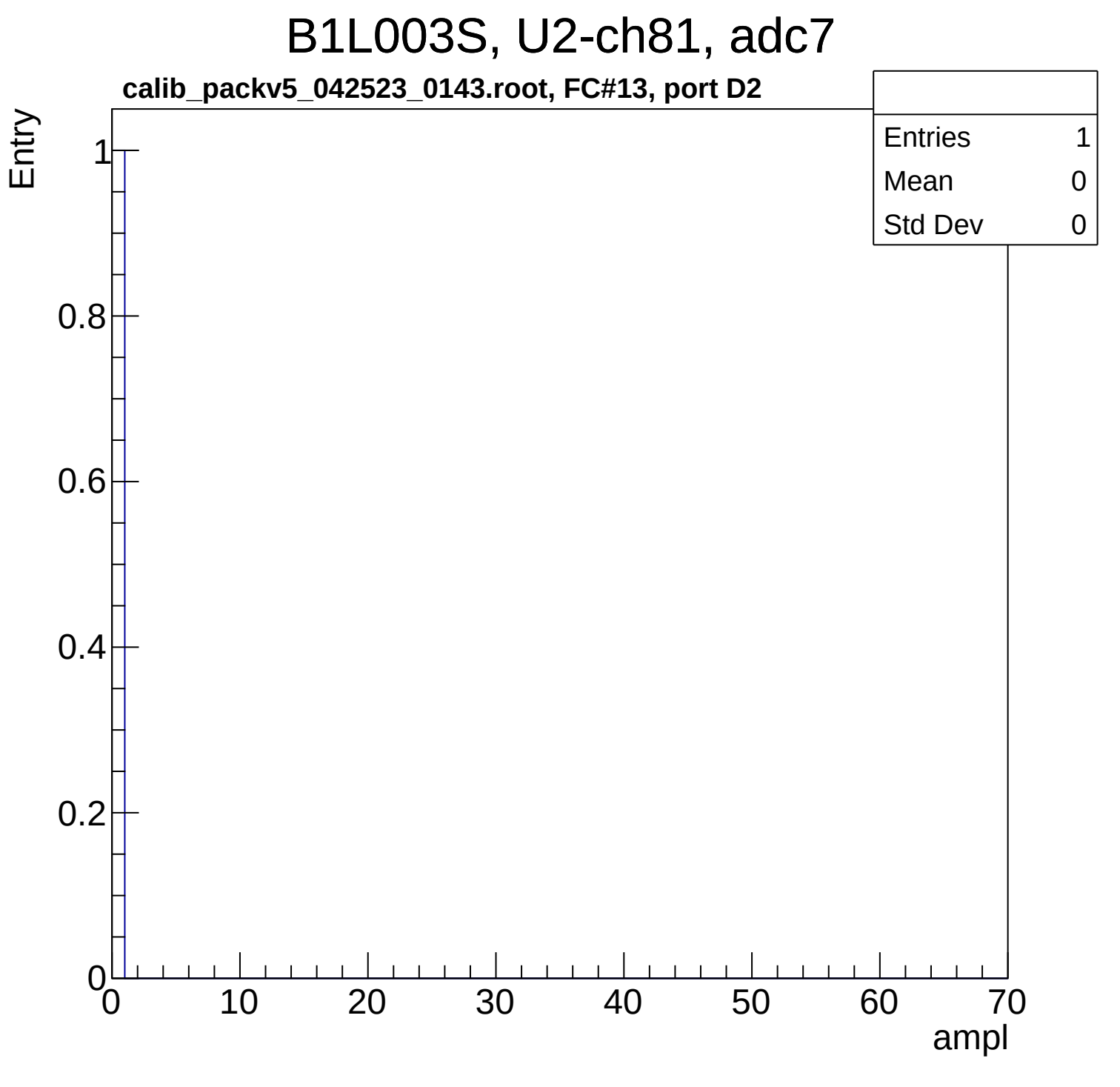
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch81, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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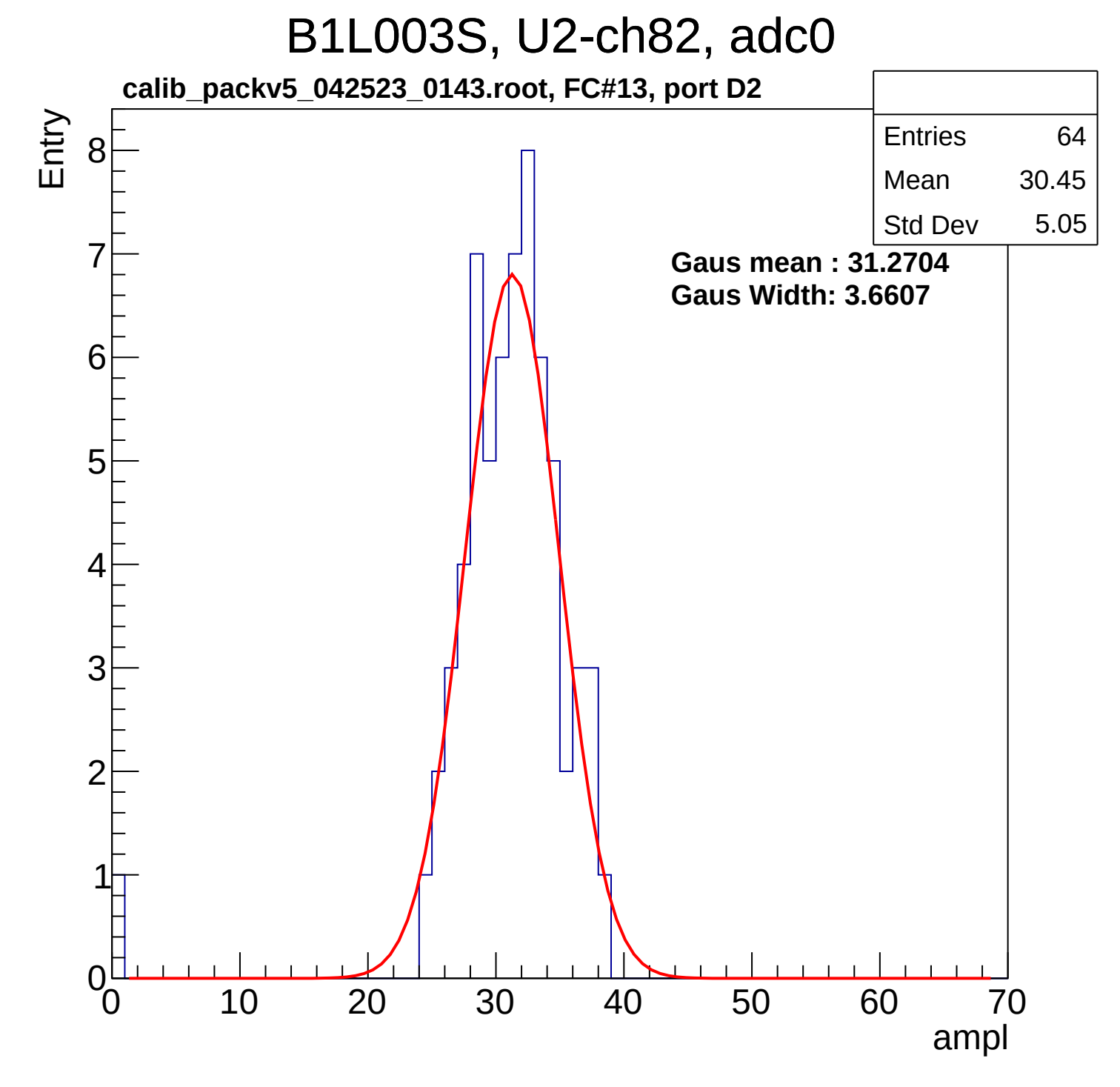
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch82, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 30.45
Std Dev 5.05
Gaus mean : 31.2704
Gaus Width: 3.6607
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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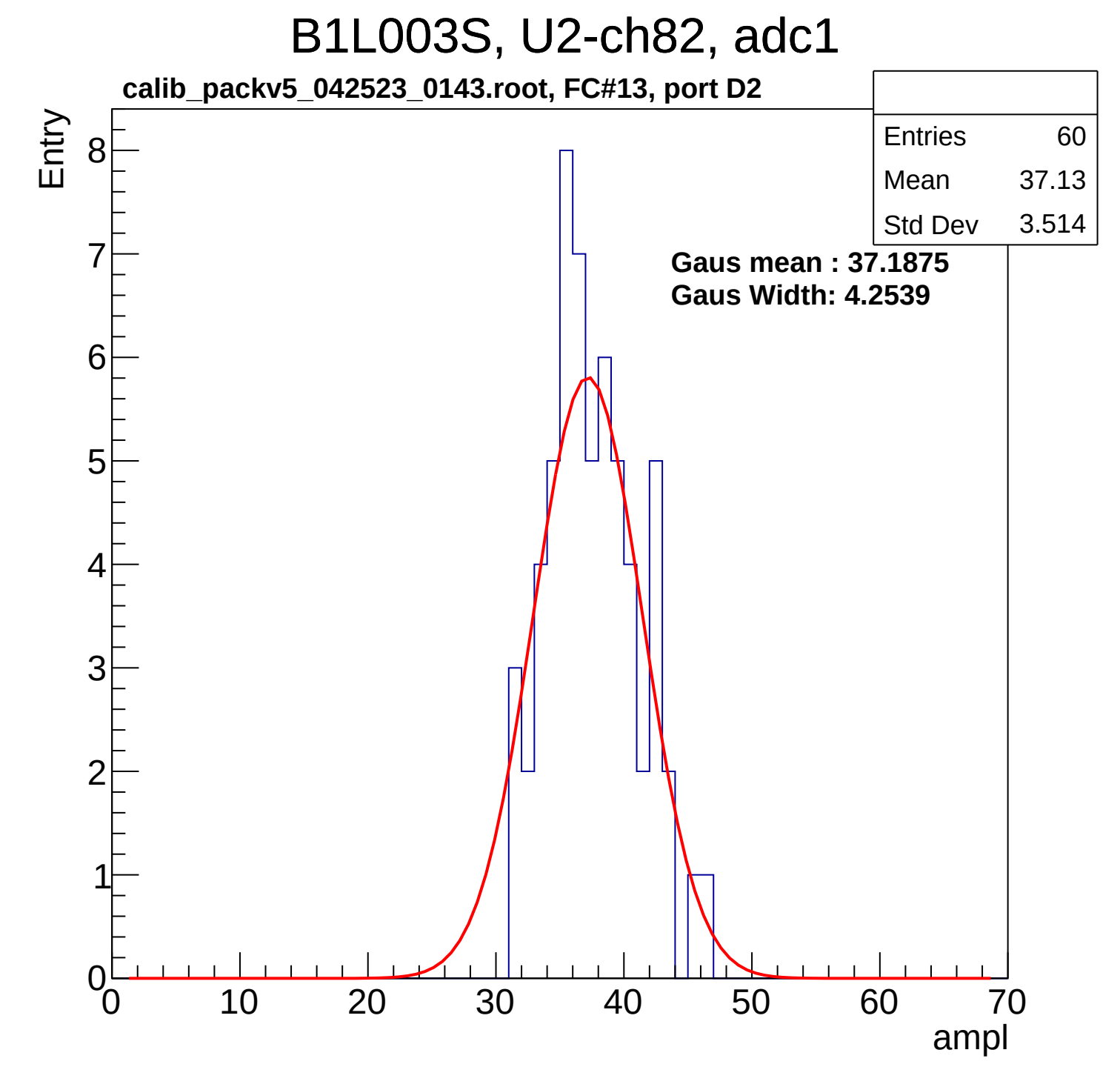
40
50
60
70


B1L003S, U2-ch82, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 37.13
Std Dev 3.514
Gaus mean : 37.1875
Gaus Width: 4.2539
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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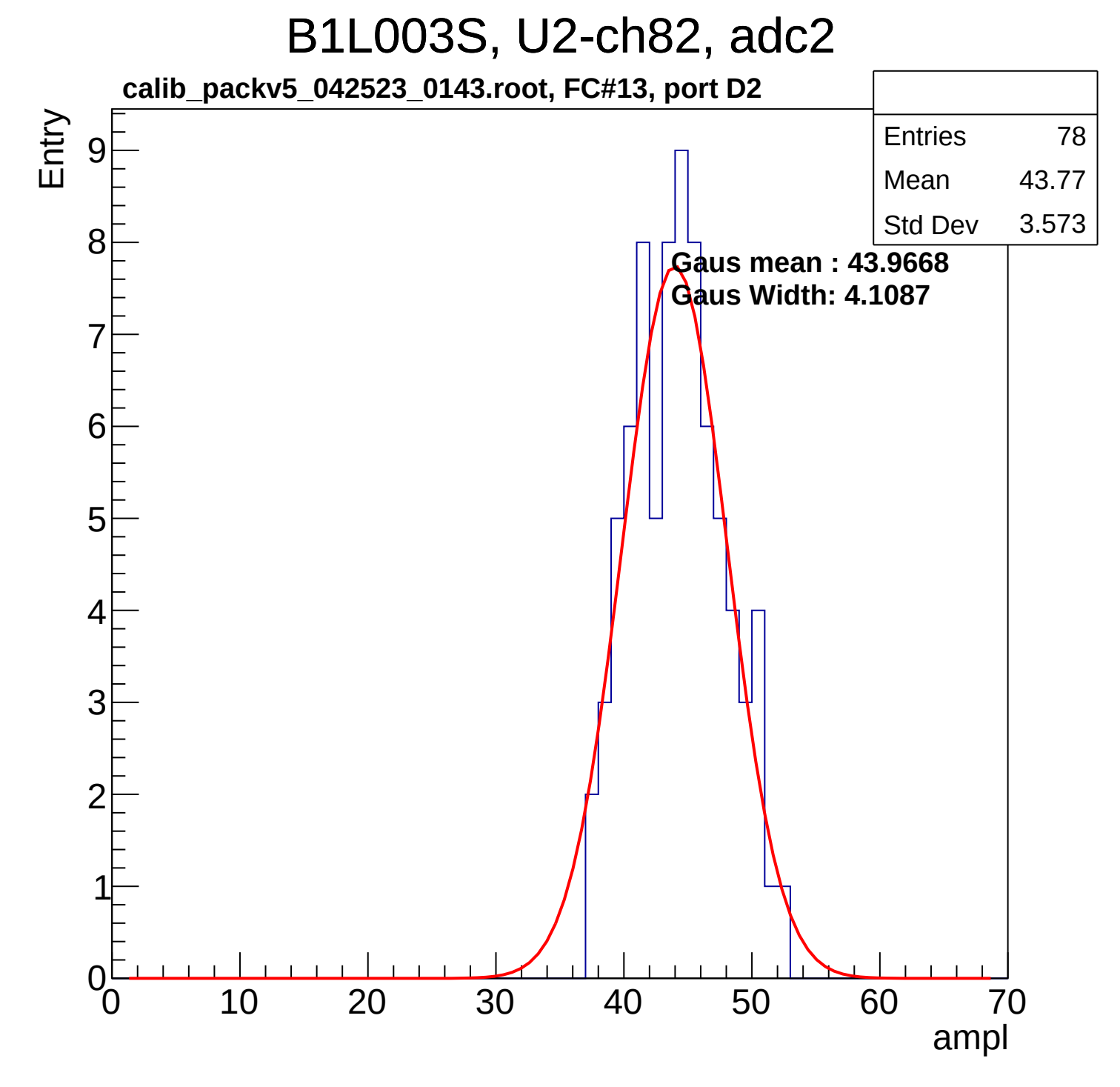
60
70


B1L003S, U2-ch82, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 43.77
Std Dev 3.573
Gaus mean : 43.9668
Gaus Width: 4.1087
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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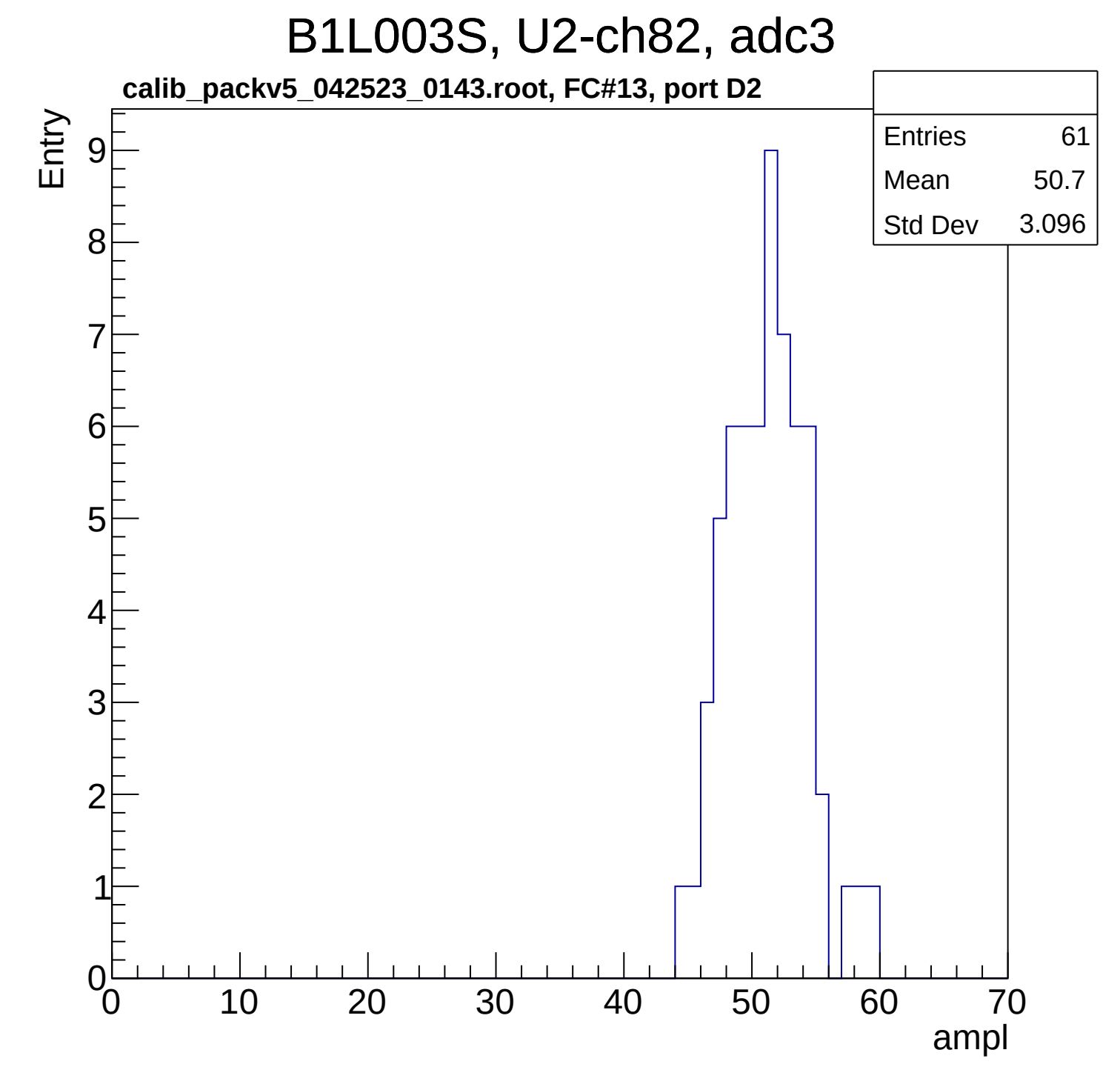
B1L003S, U2-ch82, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 50.7
Std Dev 3.096
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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50
60
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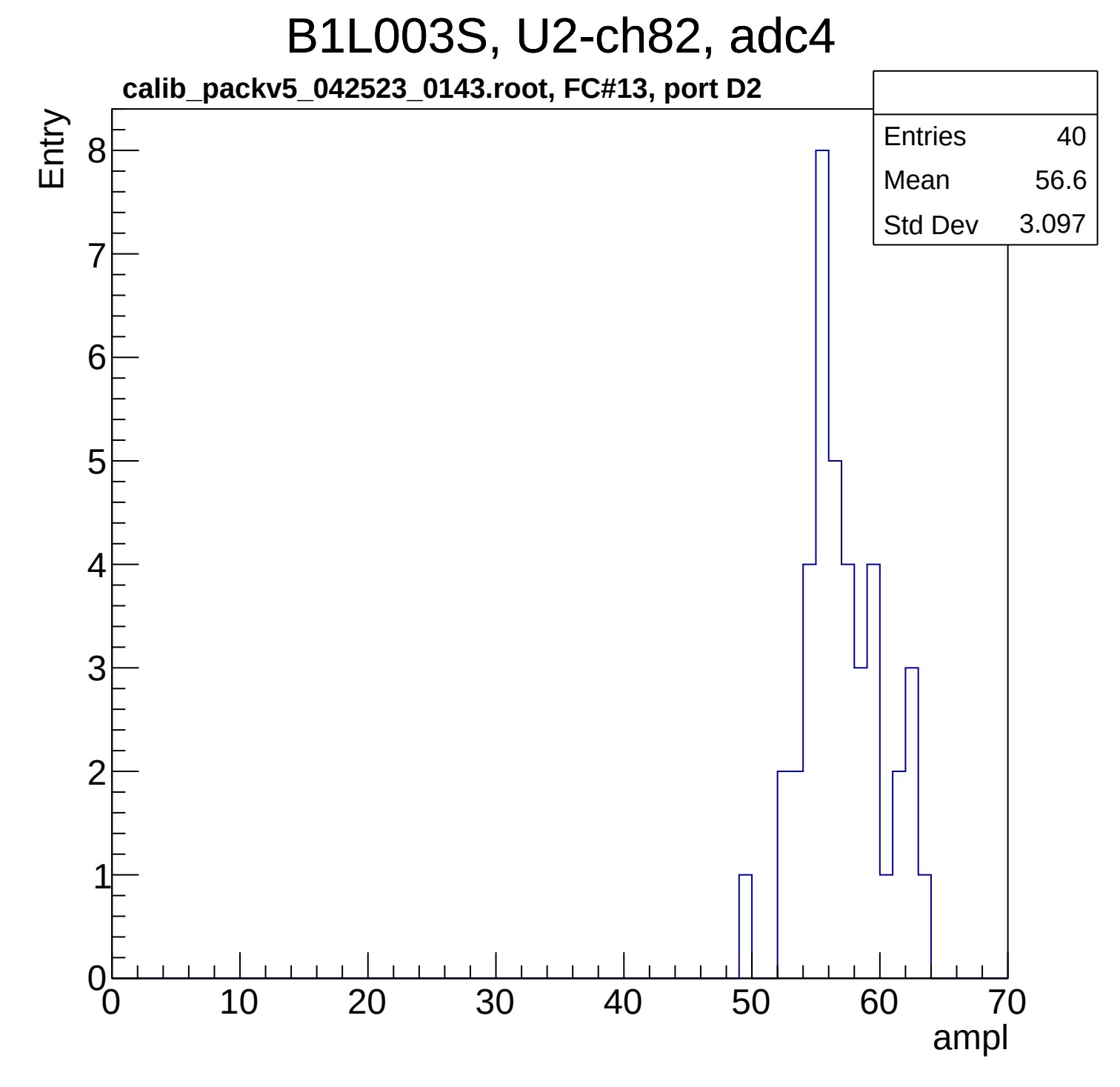
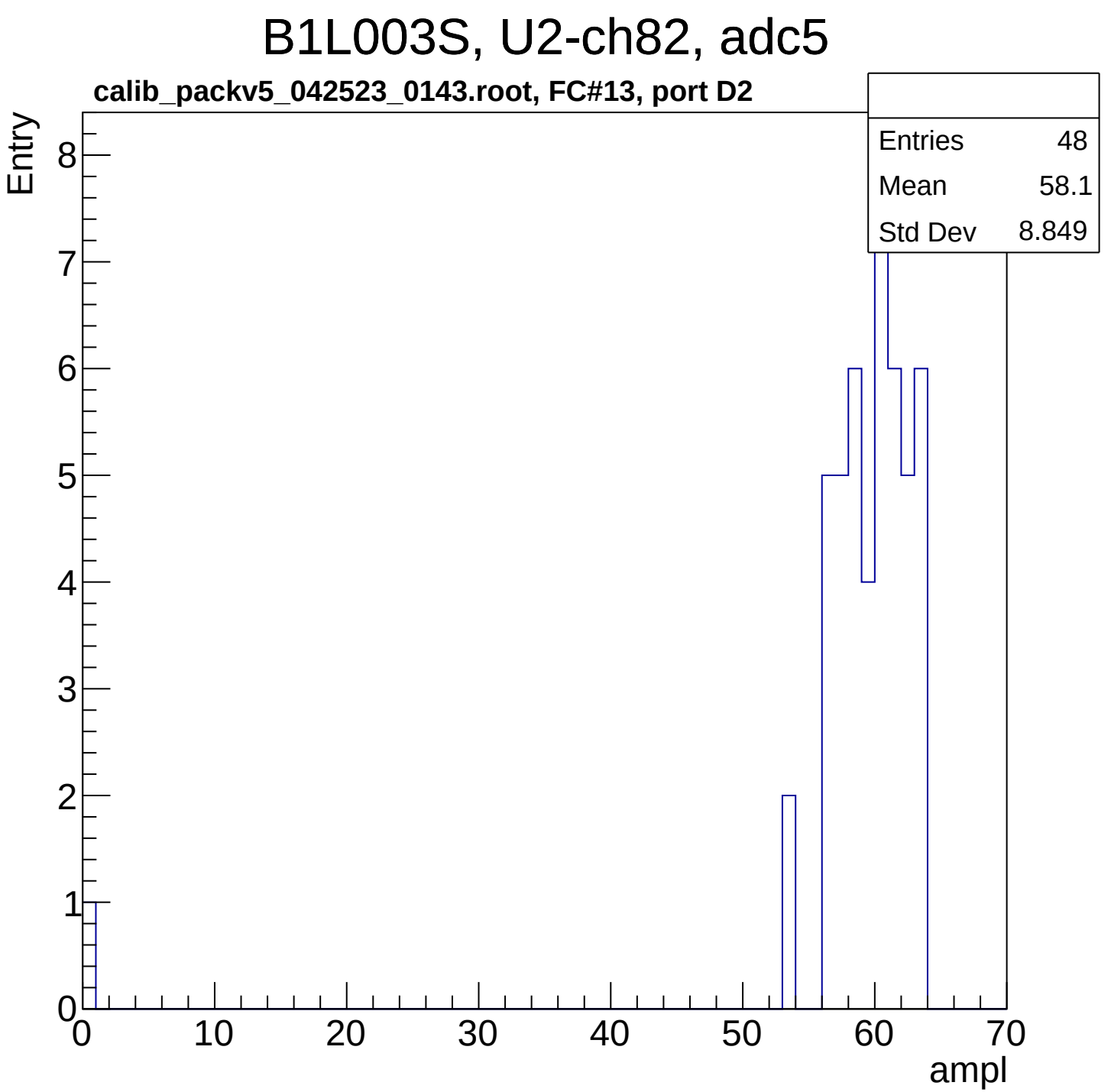

B1L003S, U2-ch82, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 56.6
Std Dev 3.097
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch82, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 58.1
Std Dev 8.849
Entry
ampl
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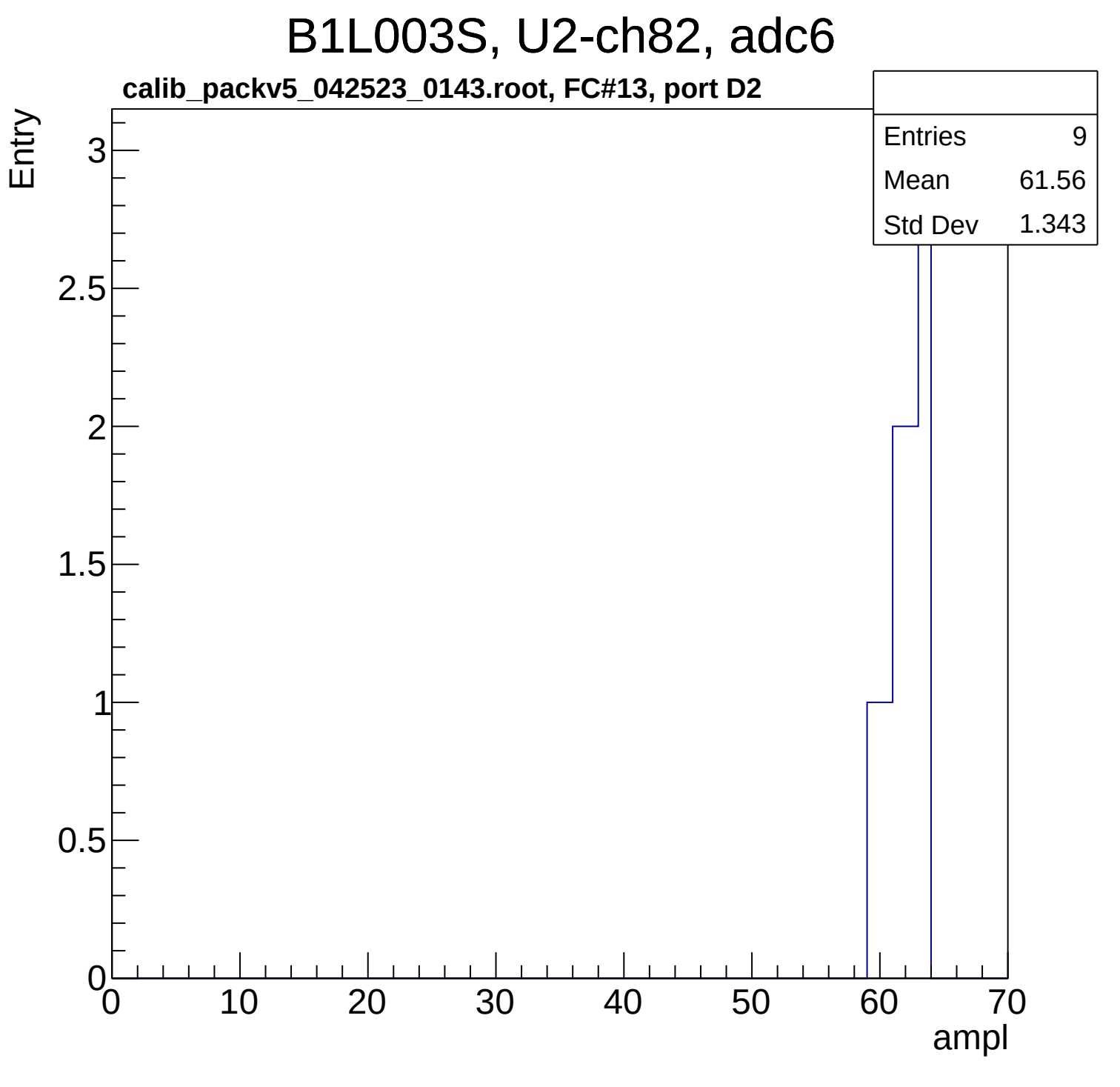
B1L003S, U2-ch82, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.56
Std Dev 1.343
Entry
ampl
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1
1.5
2
2.5
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0
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20
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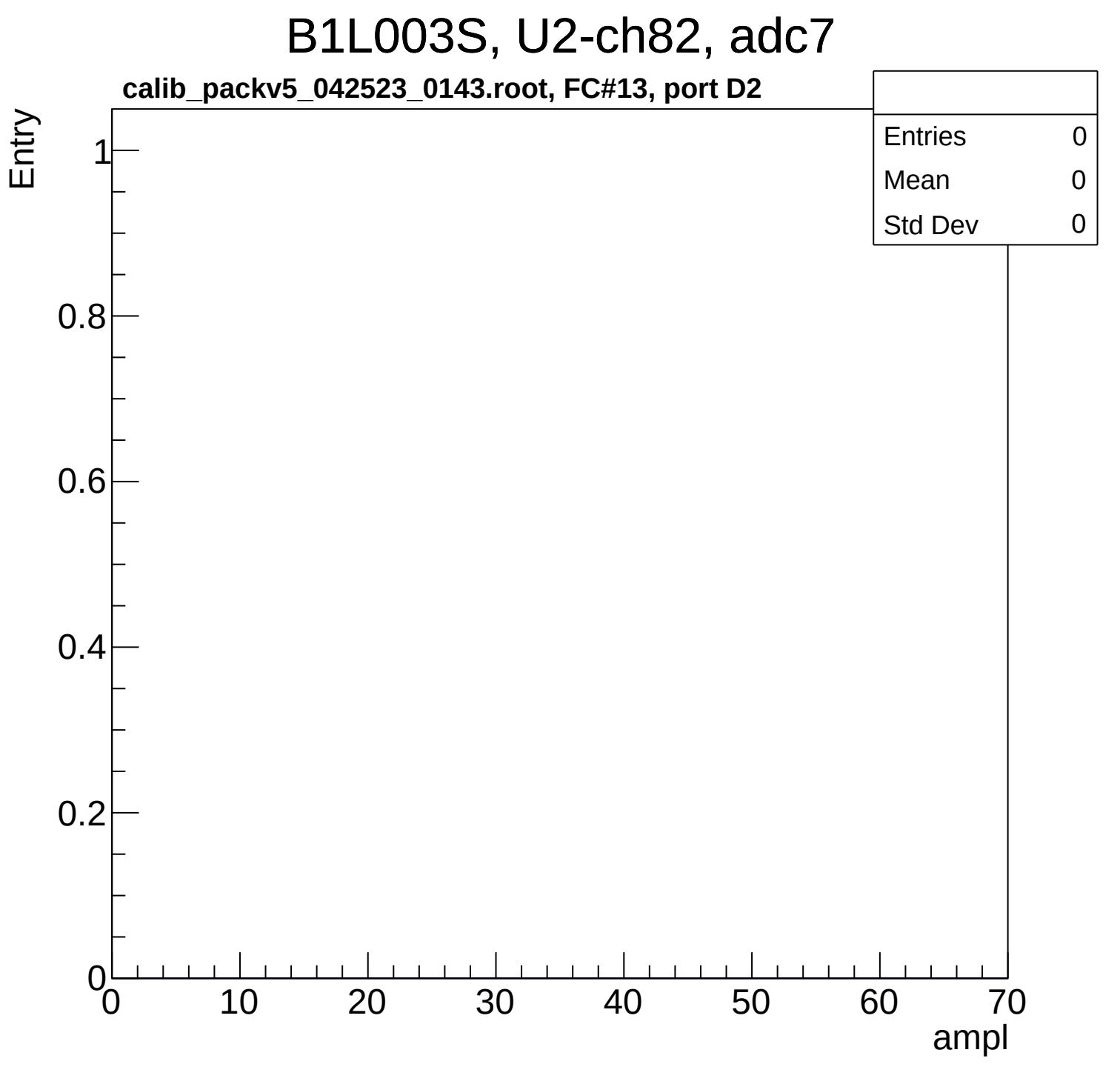
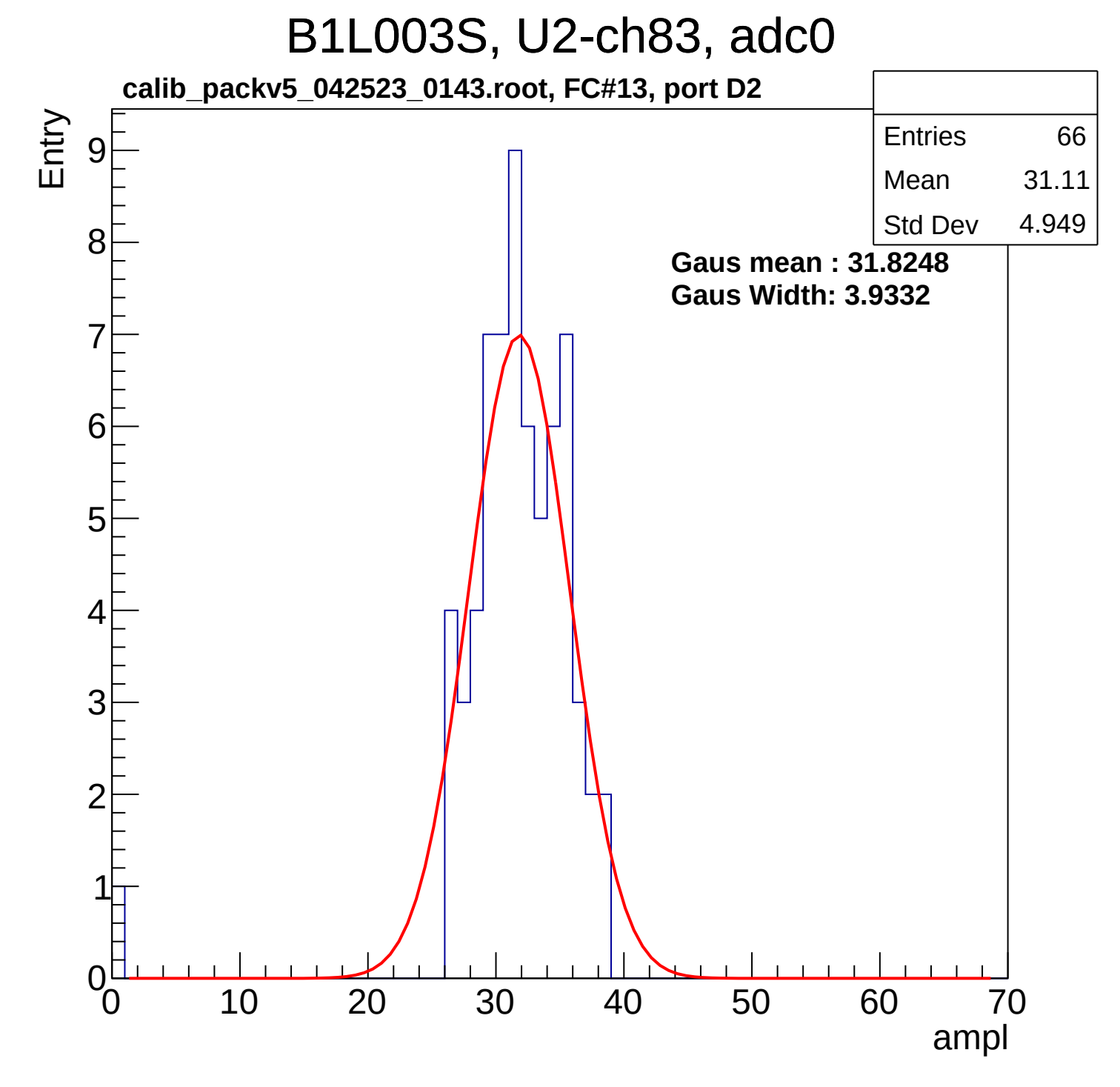
40
50
60
70


B1L003S, U2-ch82, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch83, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 31.11
Std Dev 4.949
Gaus mean : 31.8248
Gaus Width: 3.9332
Entry
ampl
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10
20
30
40
50
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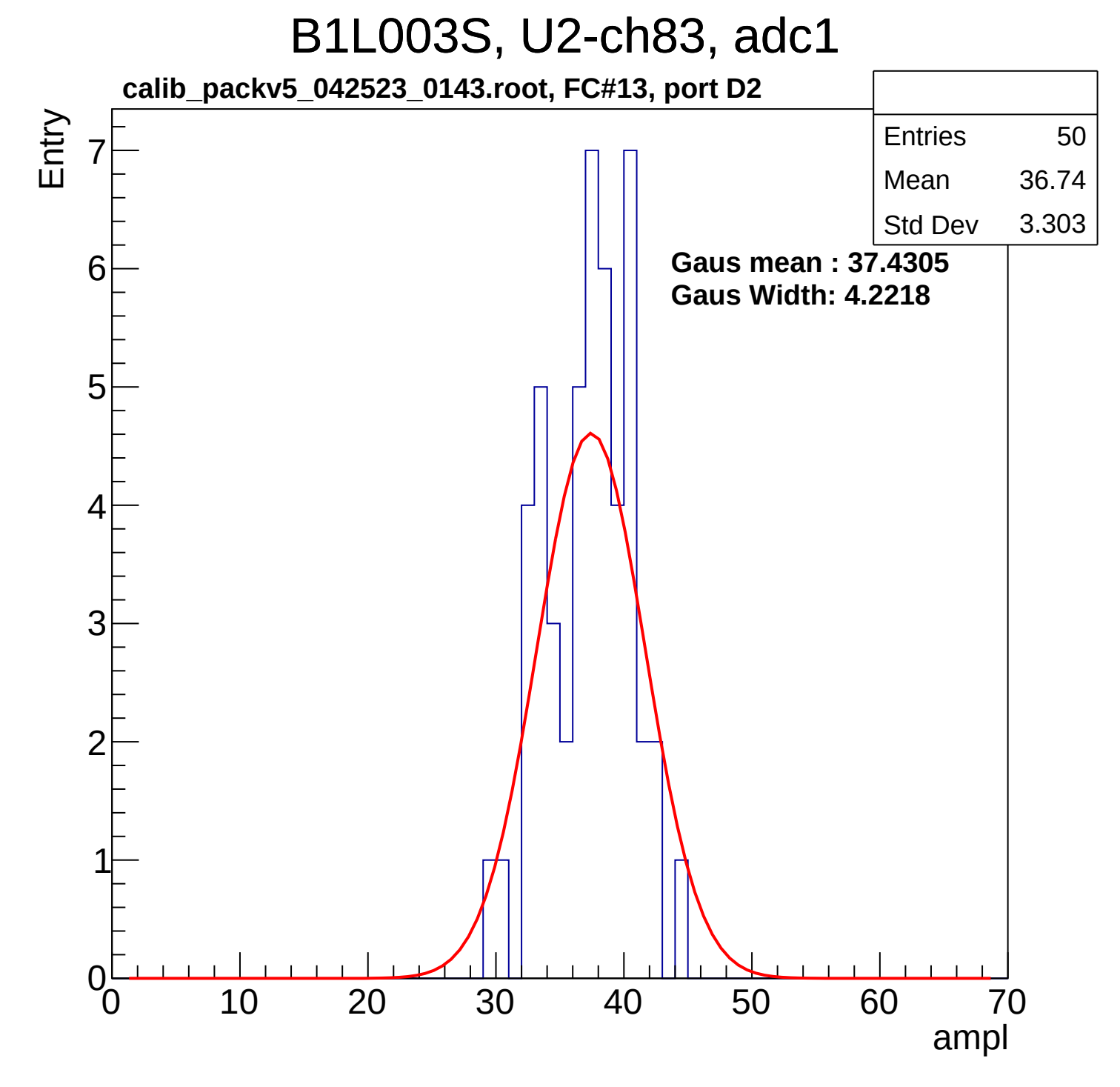
70
1
2
3
4
5
6
7
8
9


B1L003S, U2-ch83, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 36.74
Std Dev 3.303
Gaus mean : 37.4305
Gaus Width: 4.2218
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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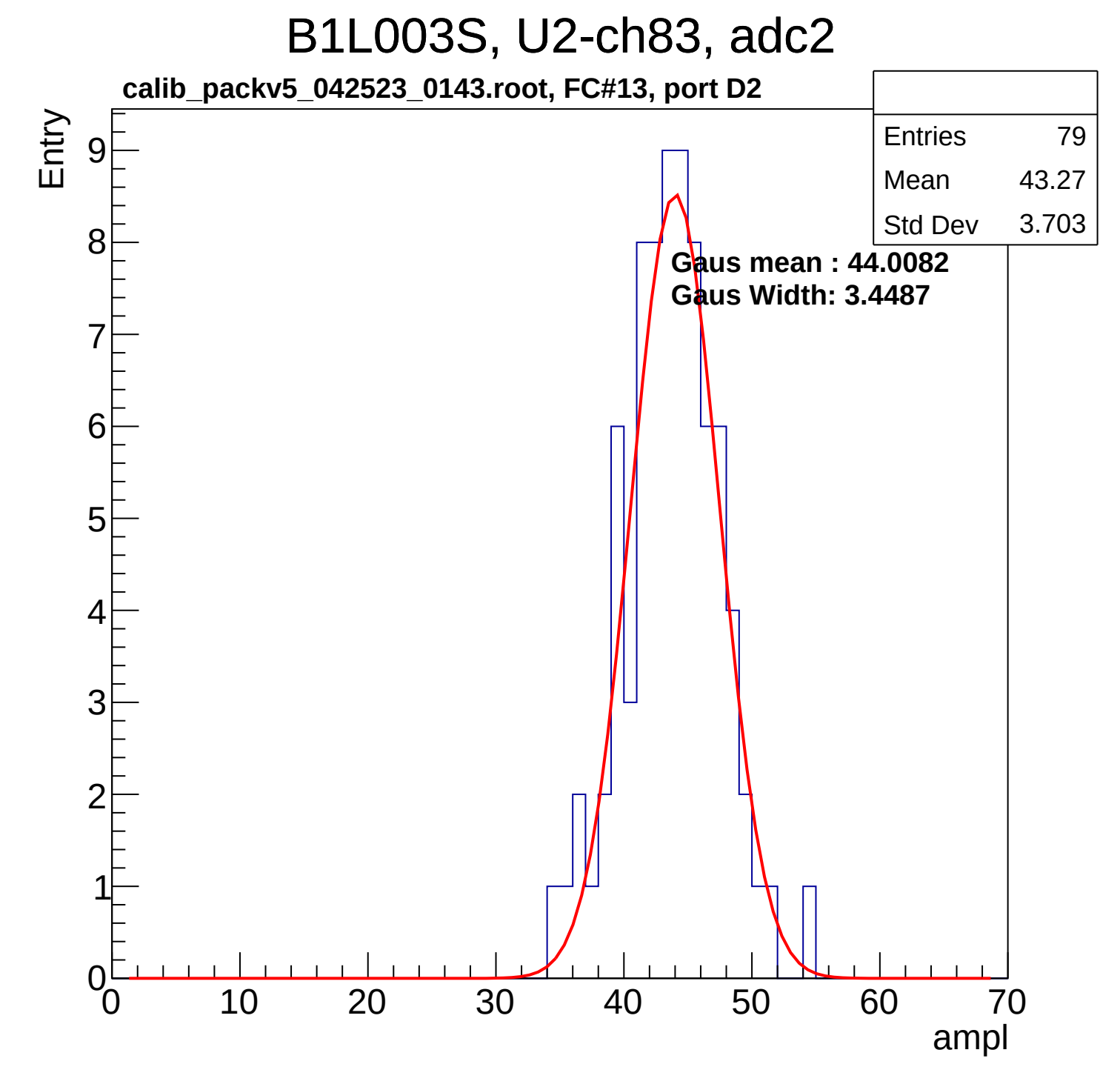
B1L003S, U2-ch83, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 43.27
Std Dev 3.703
Gaus mean : 44.0082
Gaus Width: 3.4487
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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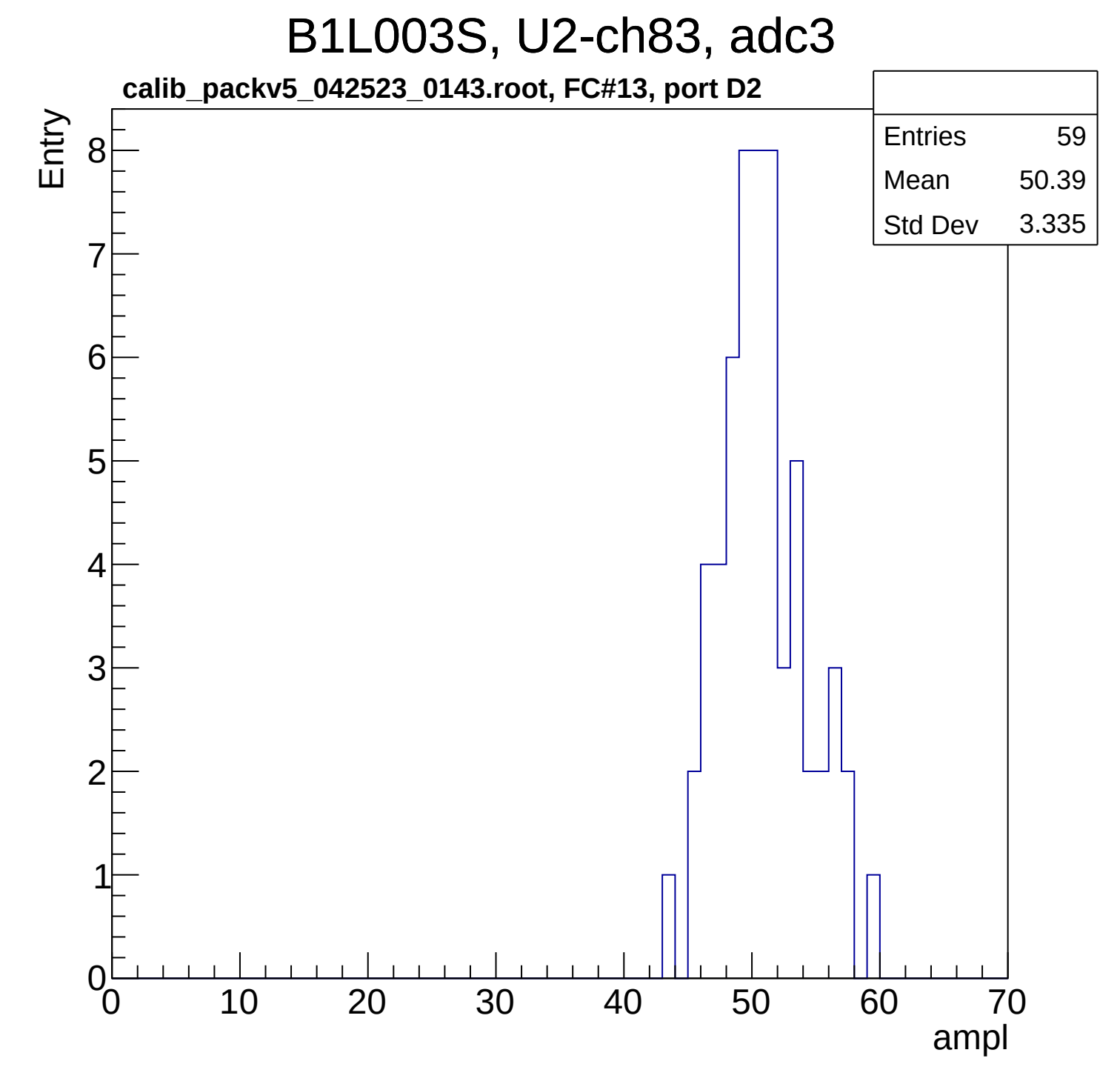
B1L003S, U2-ch83, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 50.39
Std Dev 3.335
Entry
ampl
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2
3
4
5
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7
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0
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60
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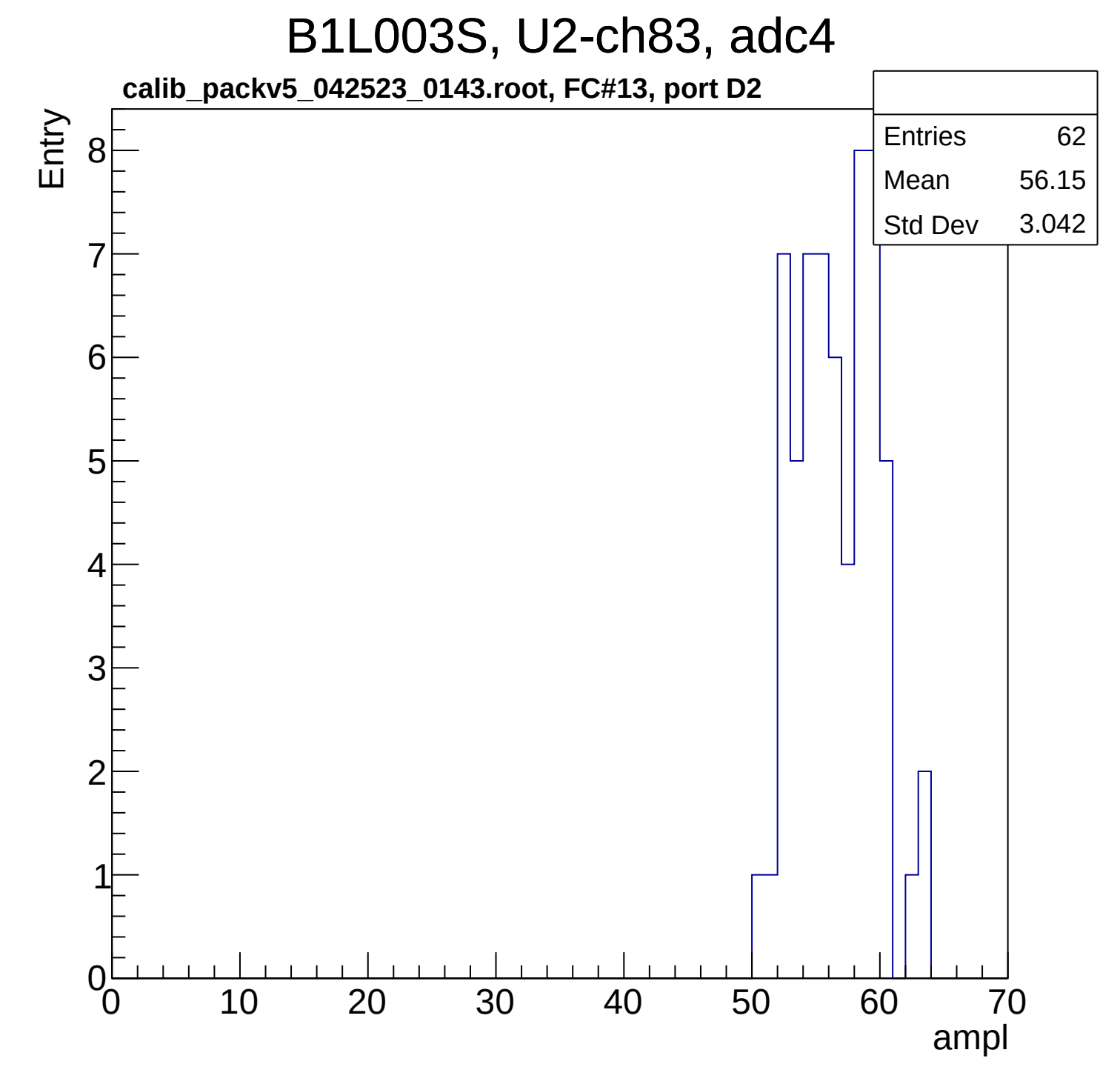
B1L003S, U2-ch83, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 56.15
Std Dev 3.042
Entry
ampl
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1
2
3
4
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7
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0
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60
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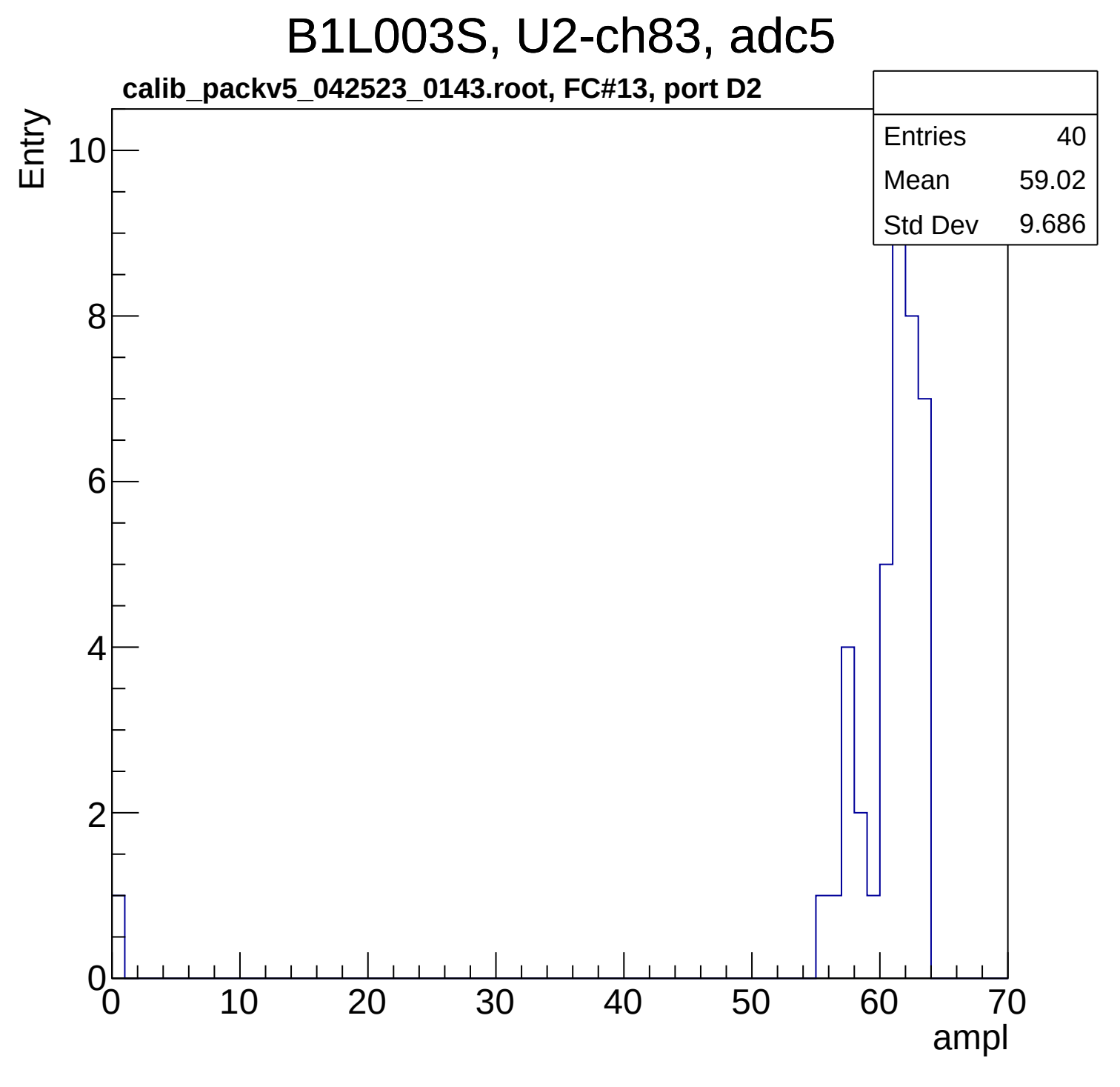
B1L003S, U2-ch83, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 59.02
Std Dev 9.686
Entry
0
2
4
6
8
10
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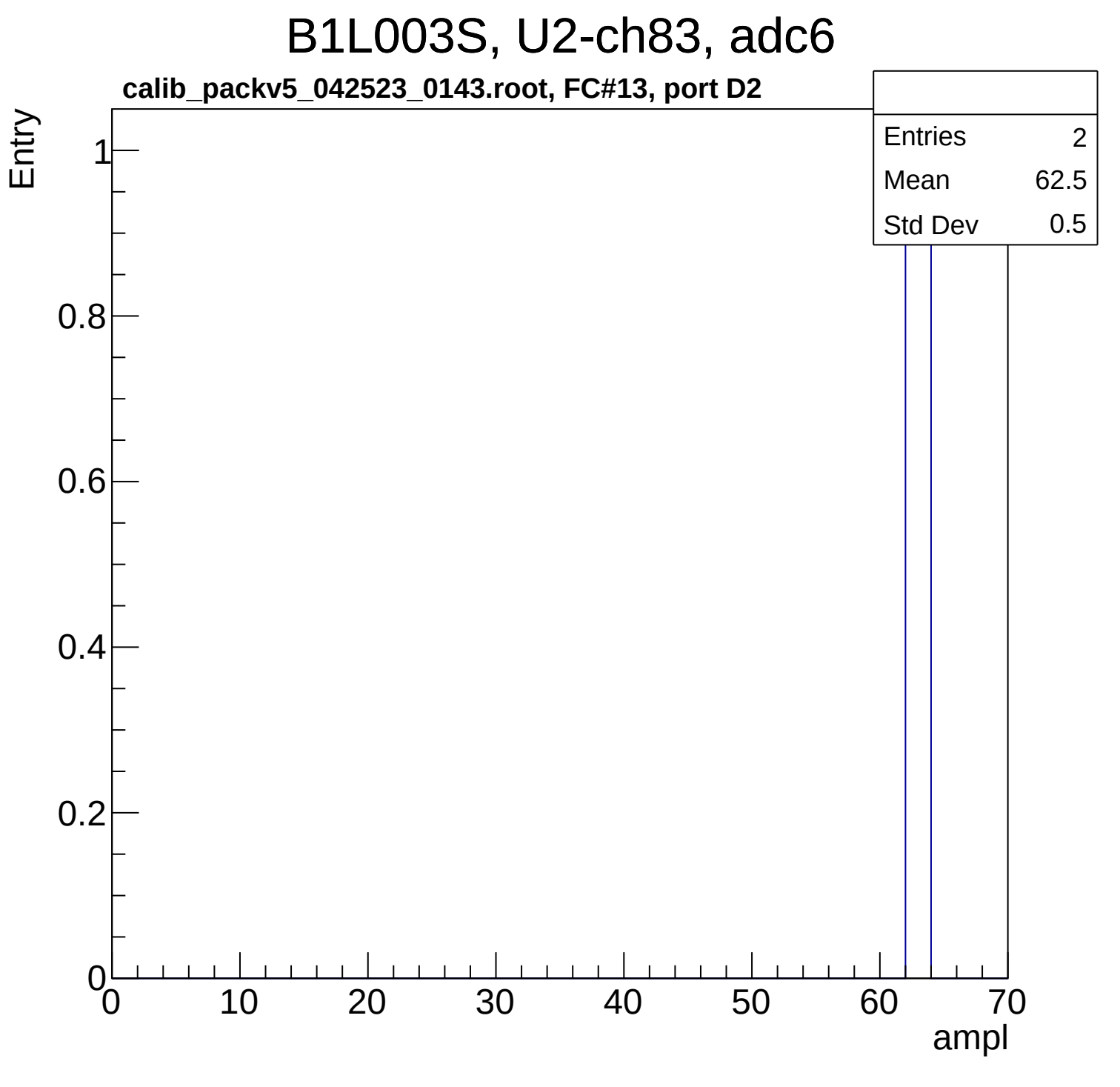
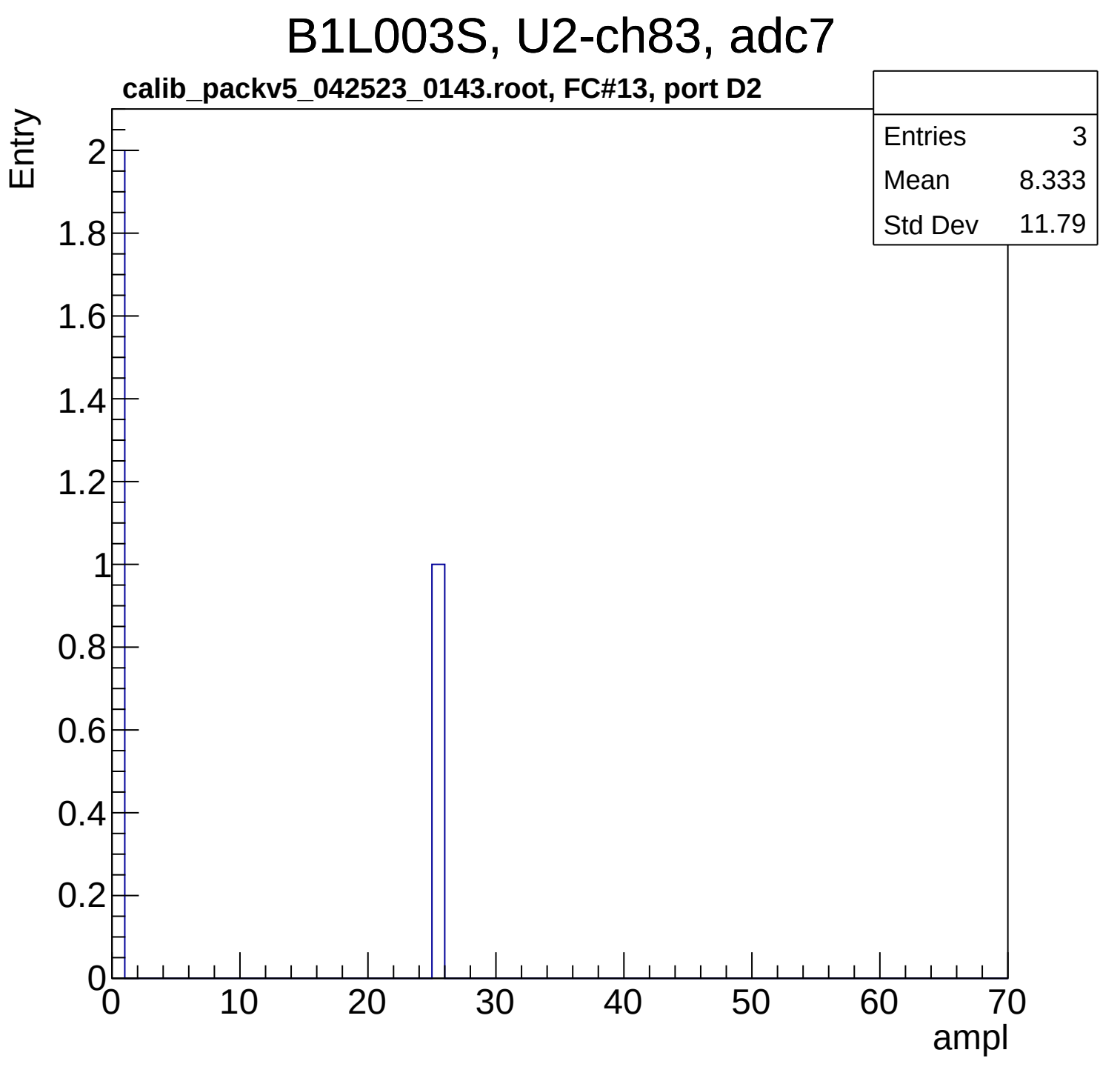
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch83, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch83, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 8.333
Std Dev 11.79
Entry
ampl
0
0.2
0.4
0.6
0.8
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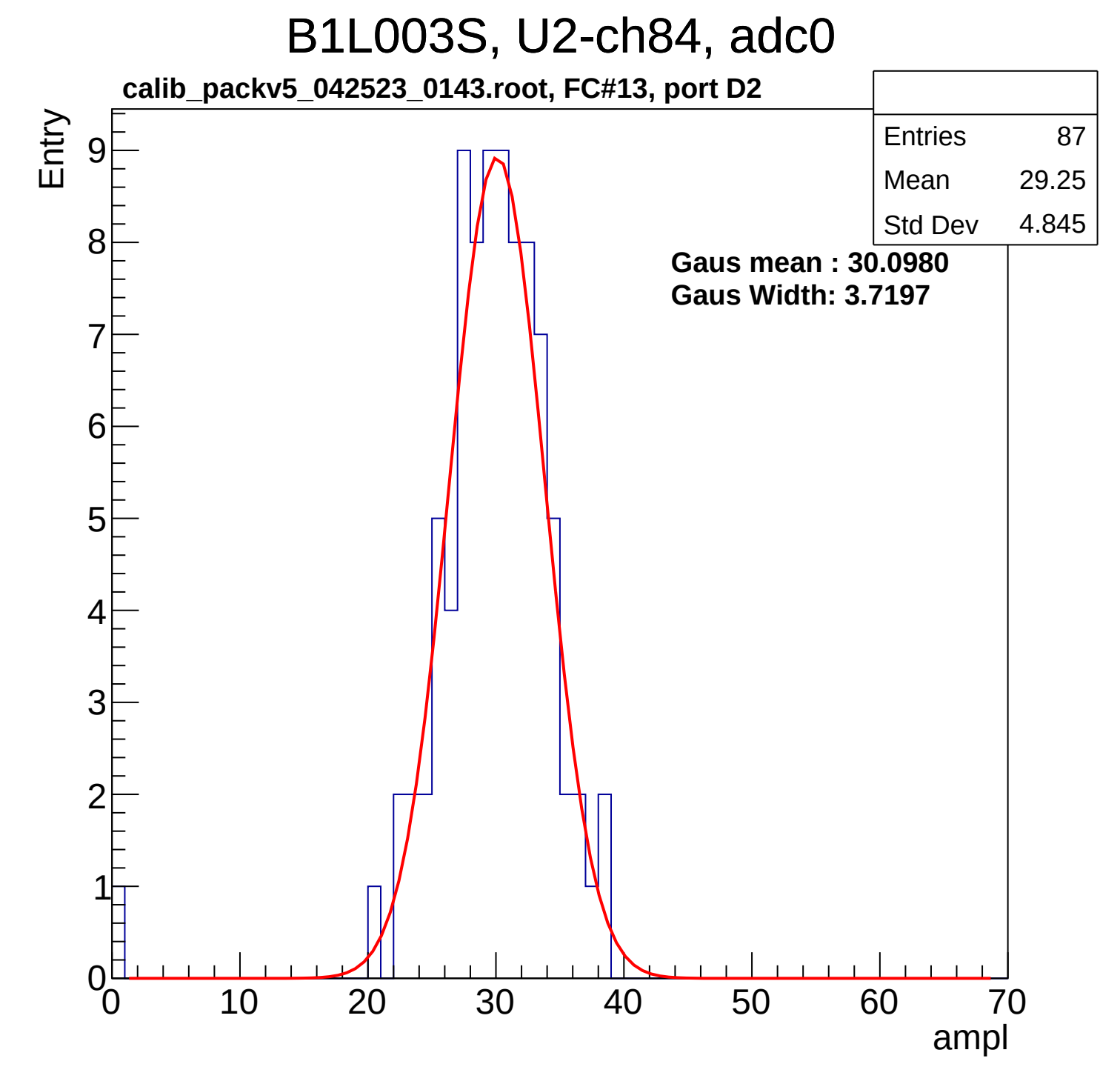
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U2-ch84, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 87
Mean 29.25
Std Dev 4.845
Gaus mean : 30.0980
Gaus Width: 3.7197
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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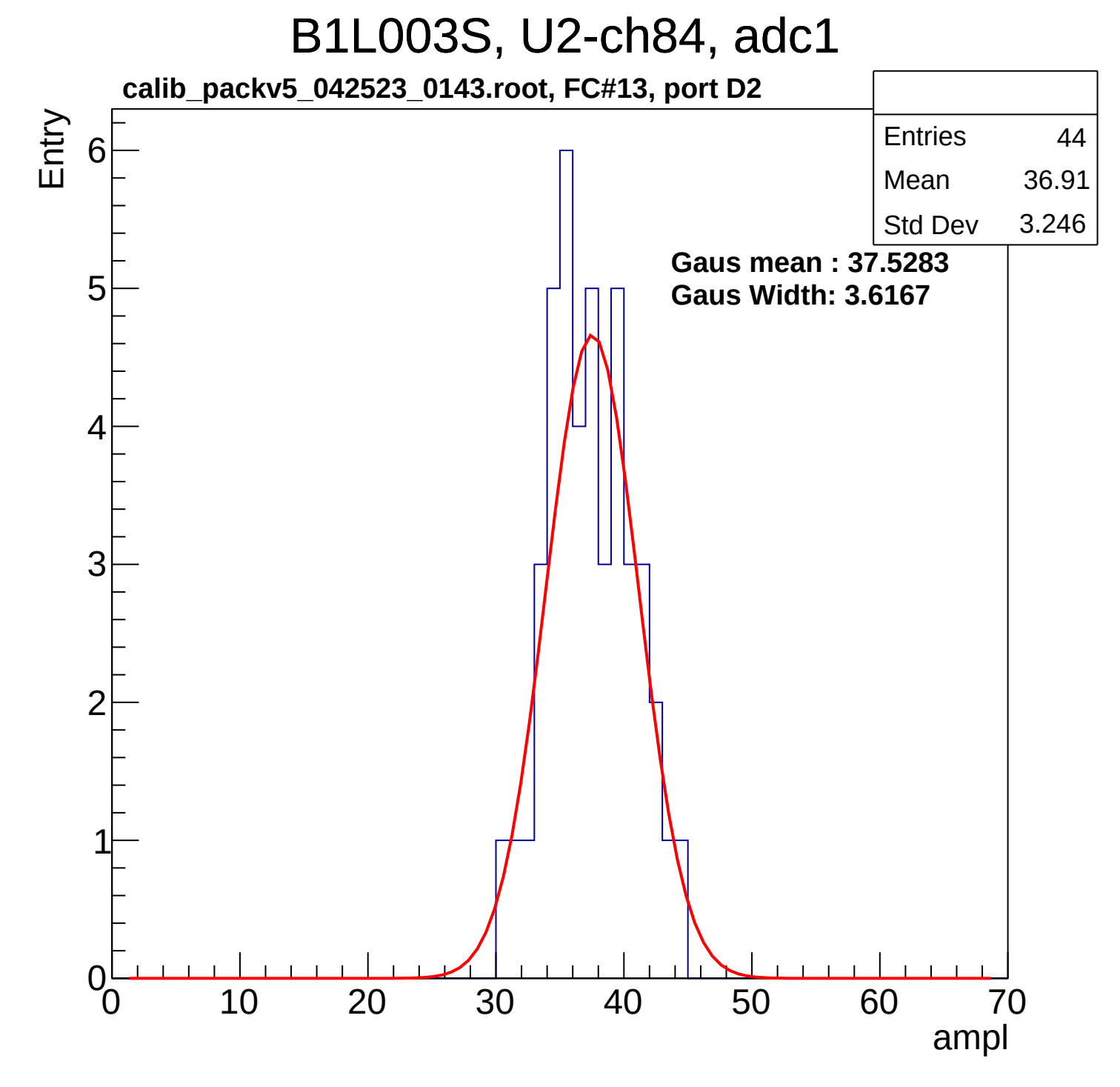
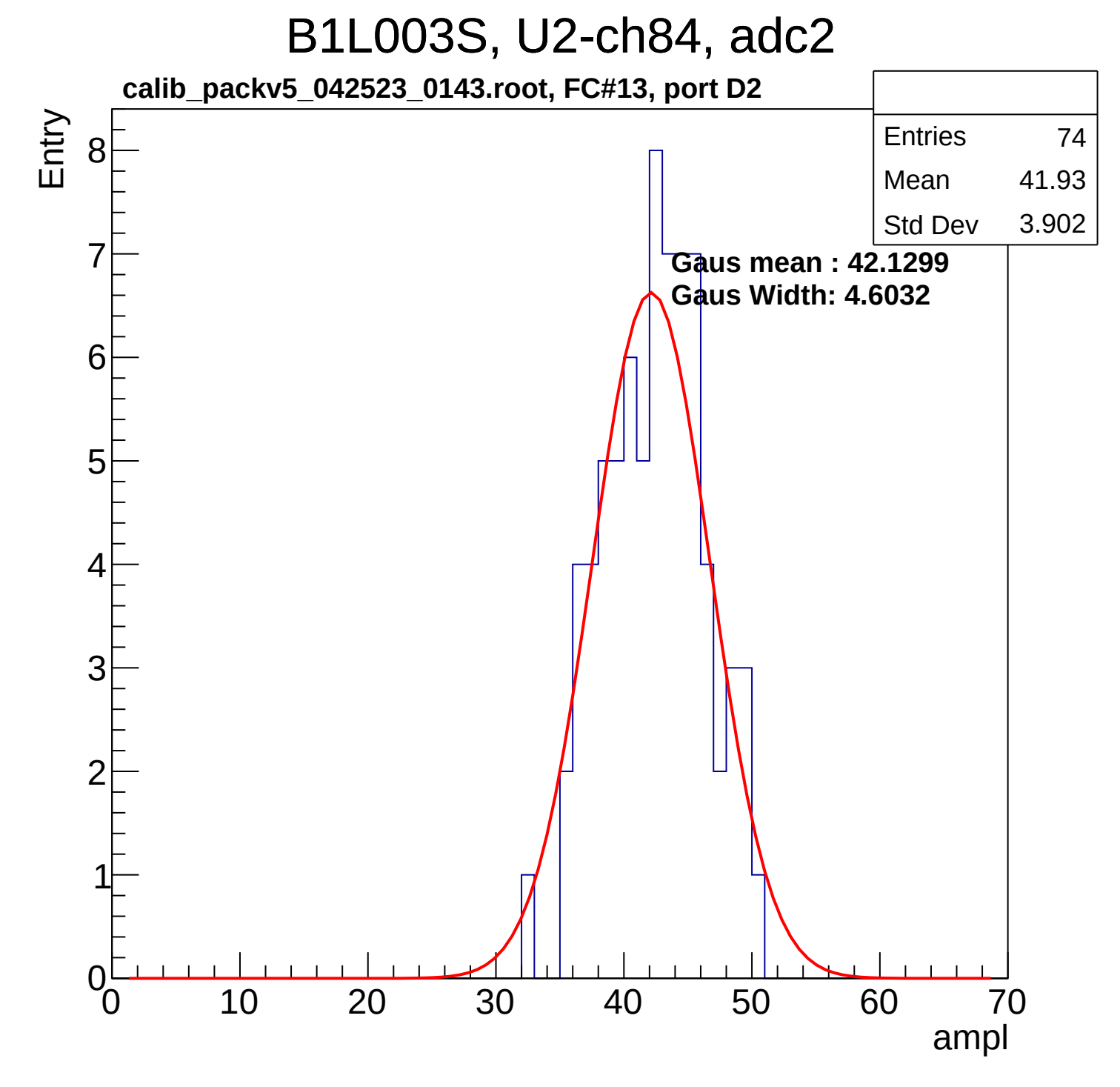

B1L003S, U2-ch84, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 36.91
Std Dev 3.246
Gaus mean : 37.5283
Gaus Width: 3.6167
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L003S, U2-ch84, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 41.93
Std Dev 3.902
Gaus mean : 42.1299
Gaus Width: 4.6032
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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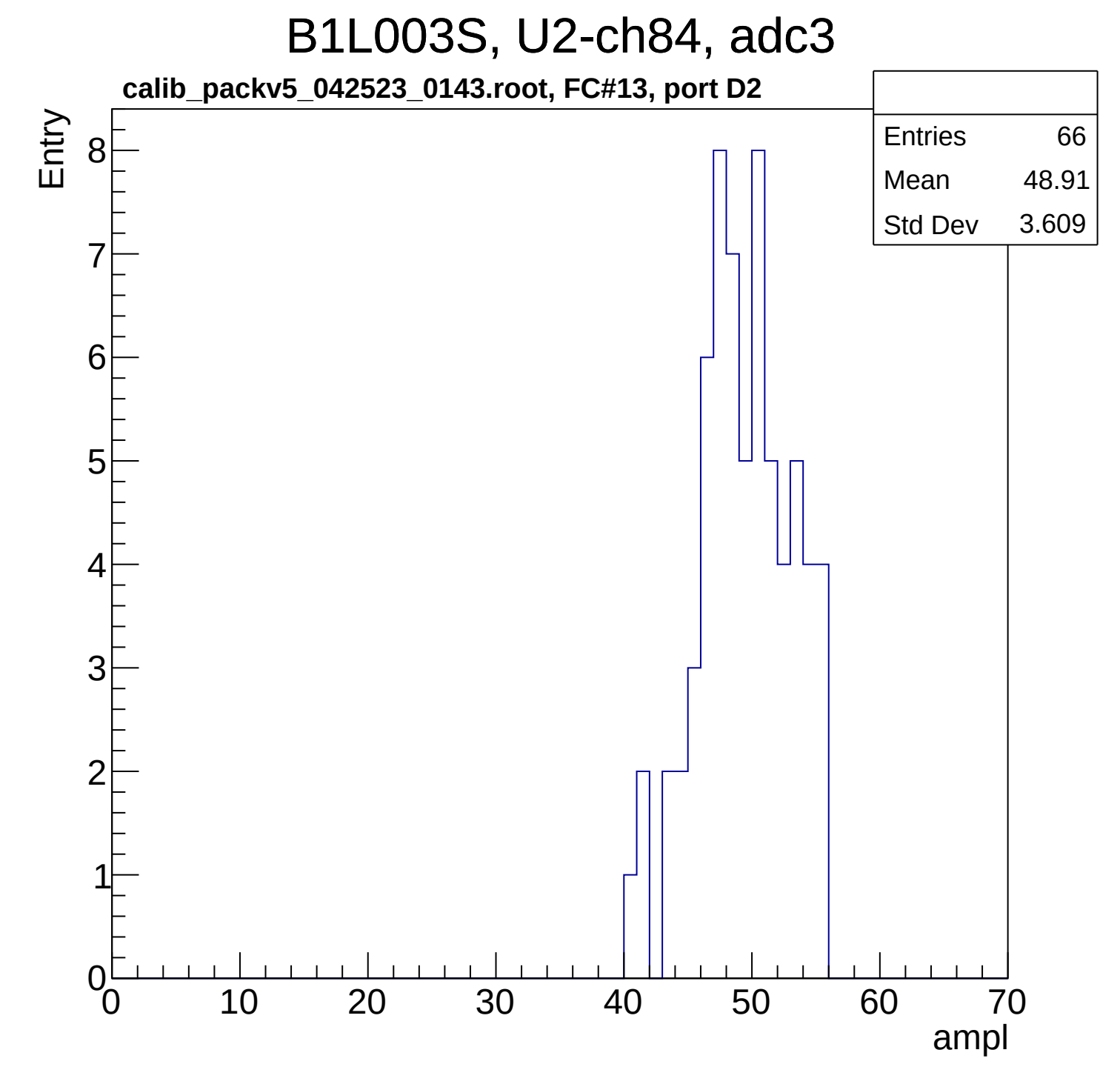
B1L003S, U2-ch84, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 48.91
Std Dev 3.609
Entry
ampl
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1
2
3
4
5
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0
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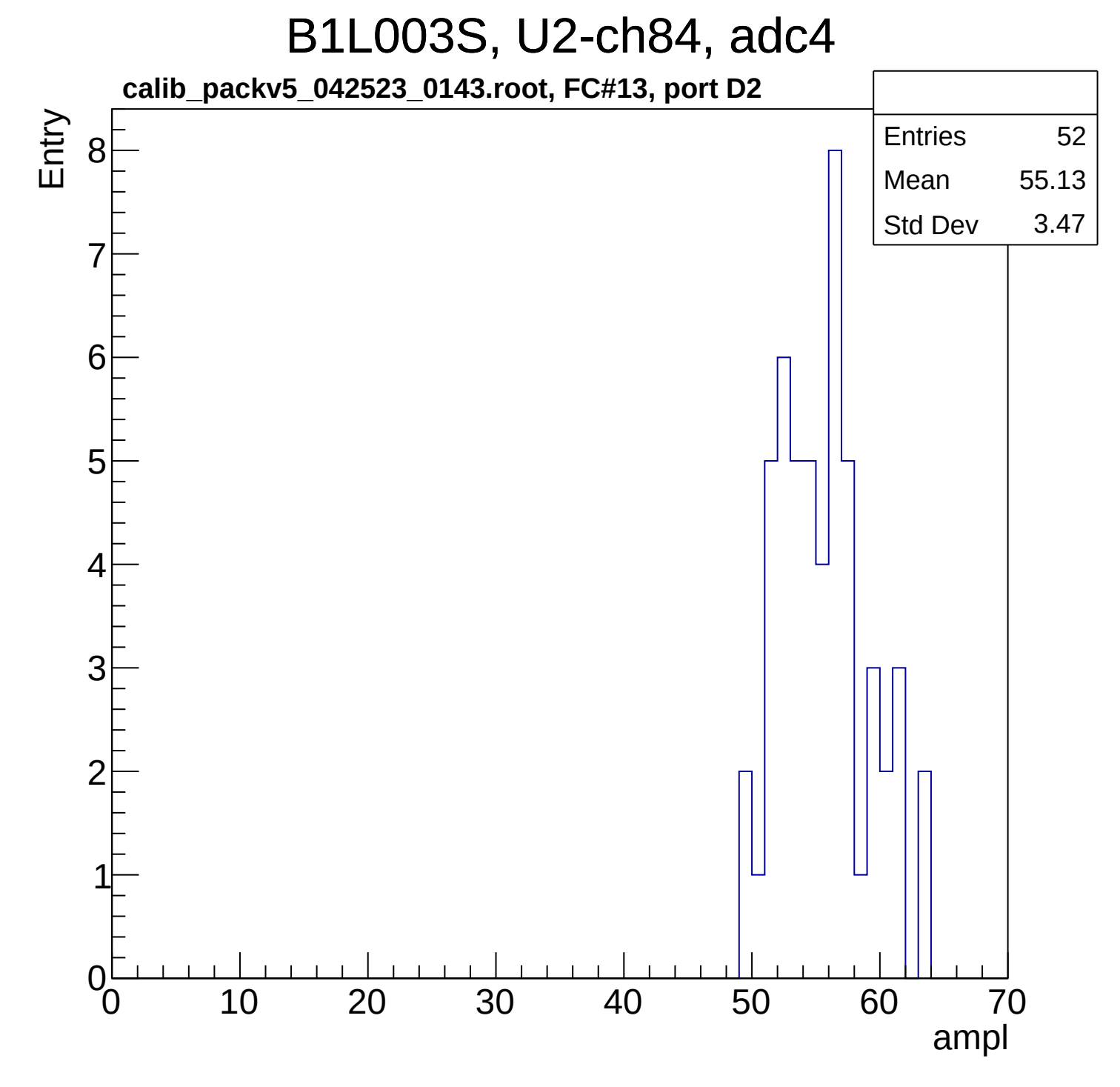
B1L003S, U2-ch84, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 55.13
Std Dev 3.47
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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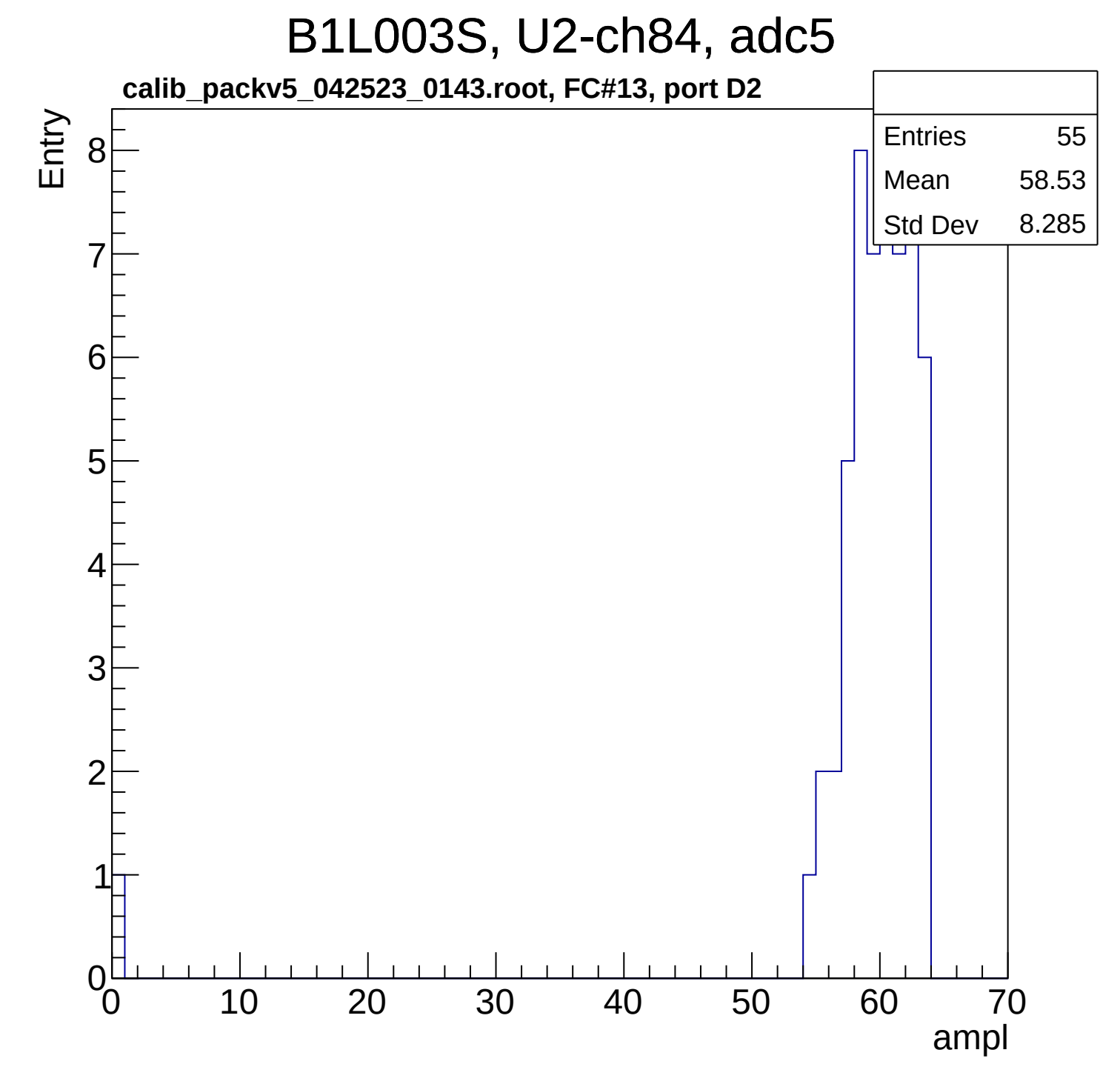
B1L003S, U2-ch84, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 58.53
Std Dev 8.285
Entry
ampl
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3
4
5
6
7
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0
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20
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40
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60
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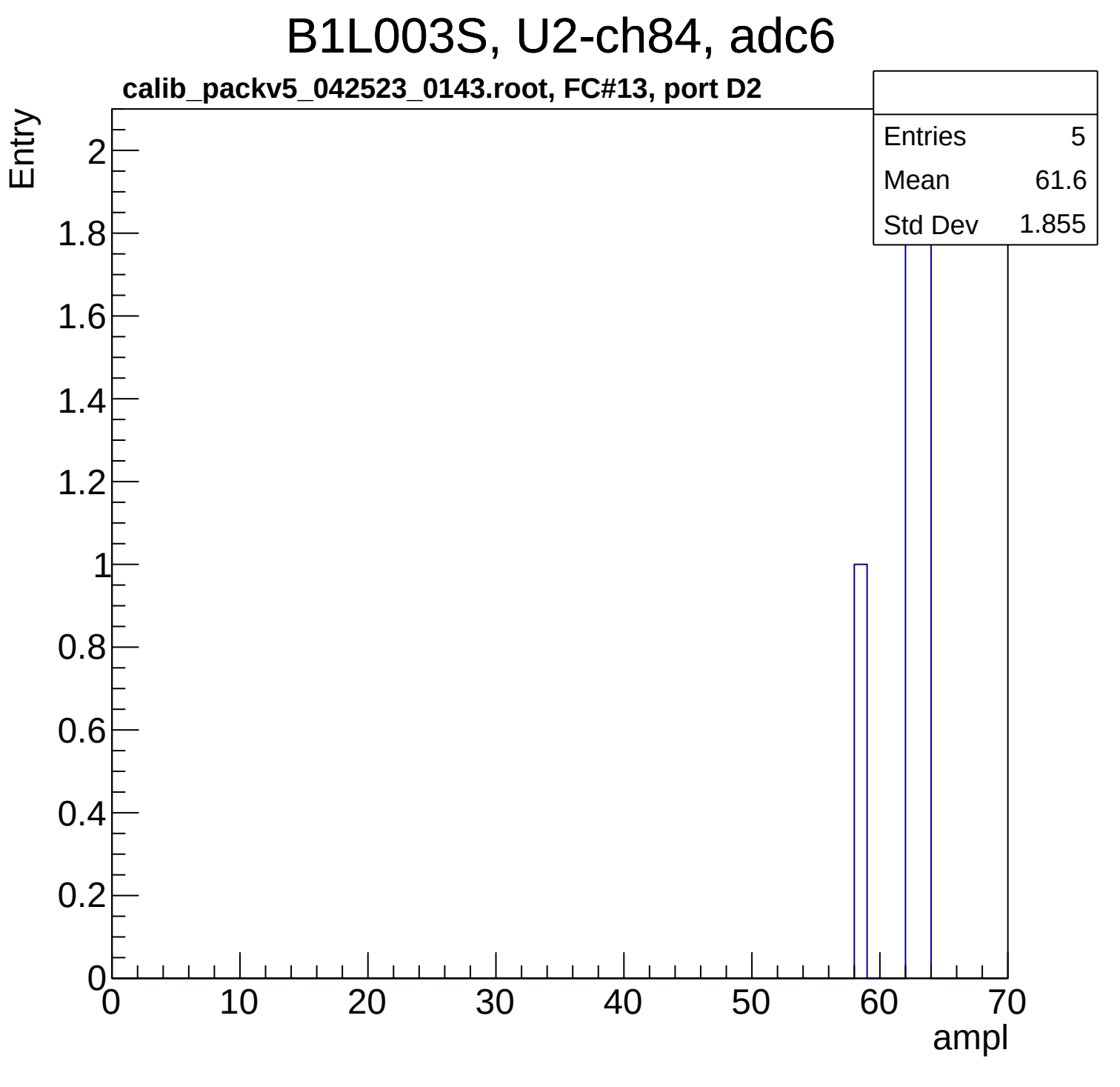
B1L003S, U2-ch84, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.6
Std Dev 1.855
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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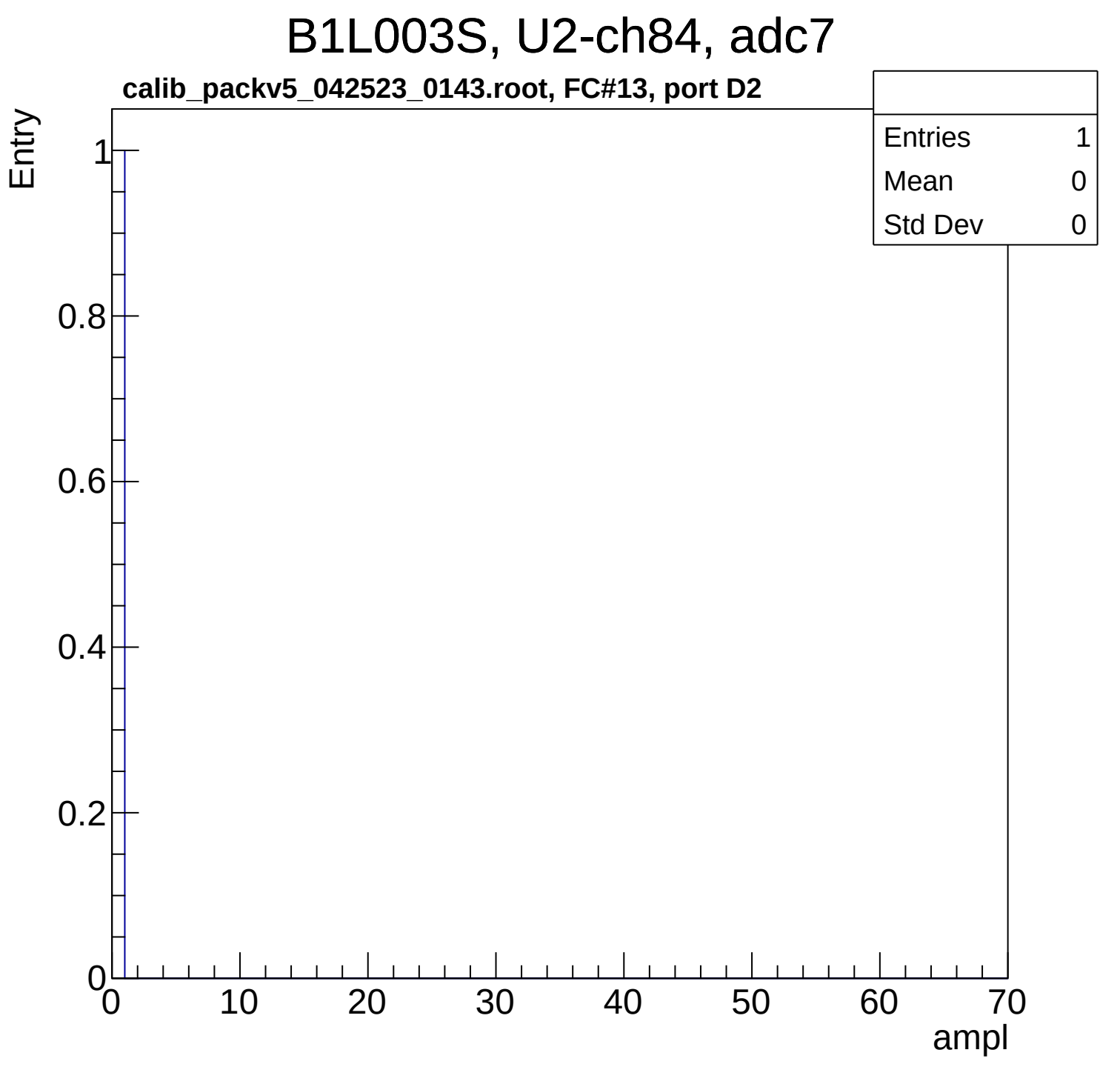
B1L003S, U2-ch84, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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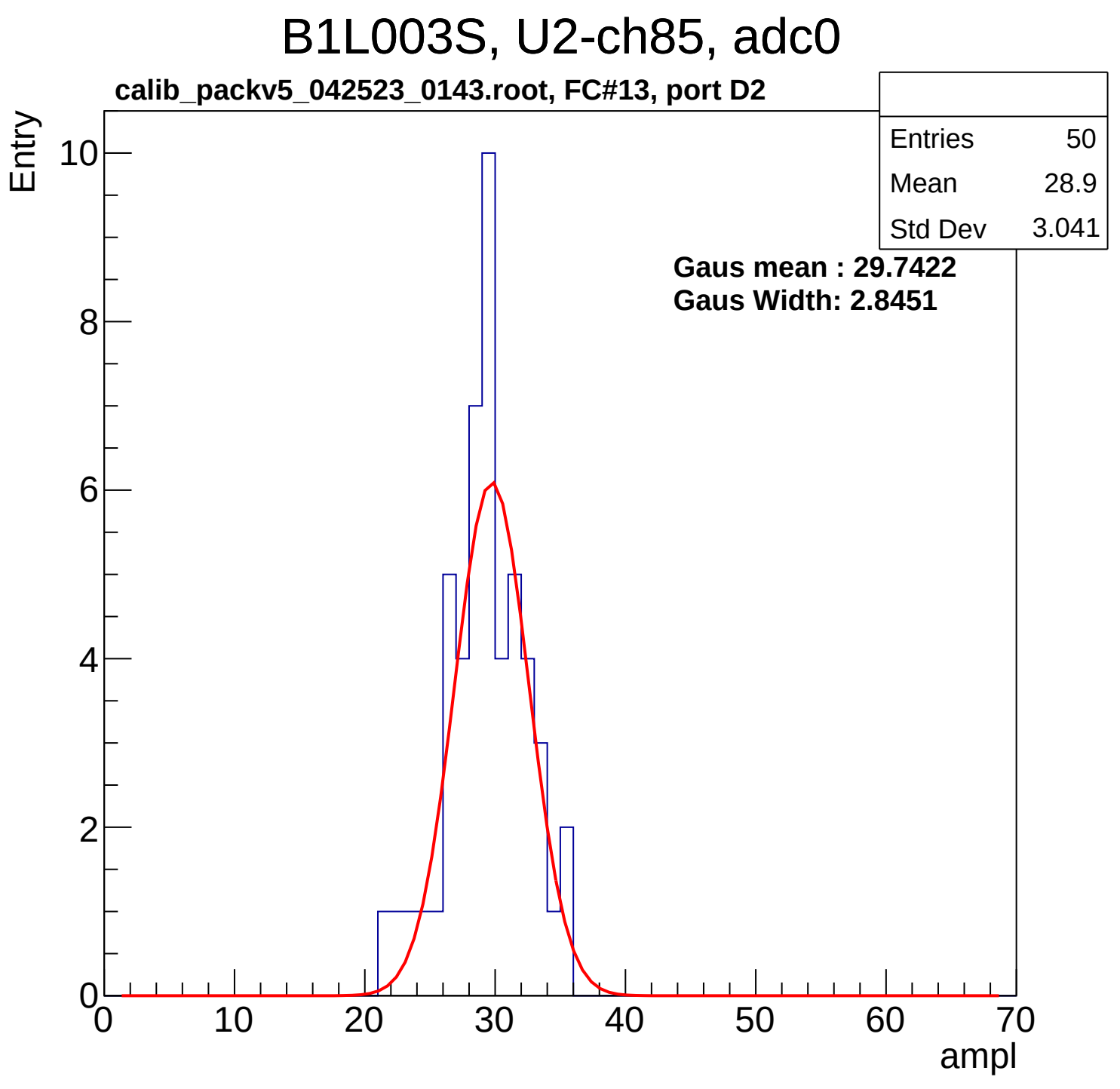
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch85, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 28.9
Std Dev 3.041
Gaus mean : 29.7422
Gaus Width: 2.8451
Entry
ampl
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6
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0
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60
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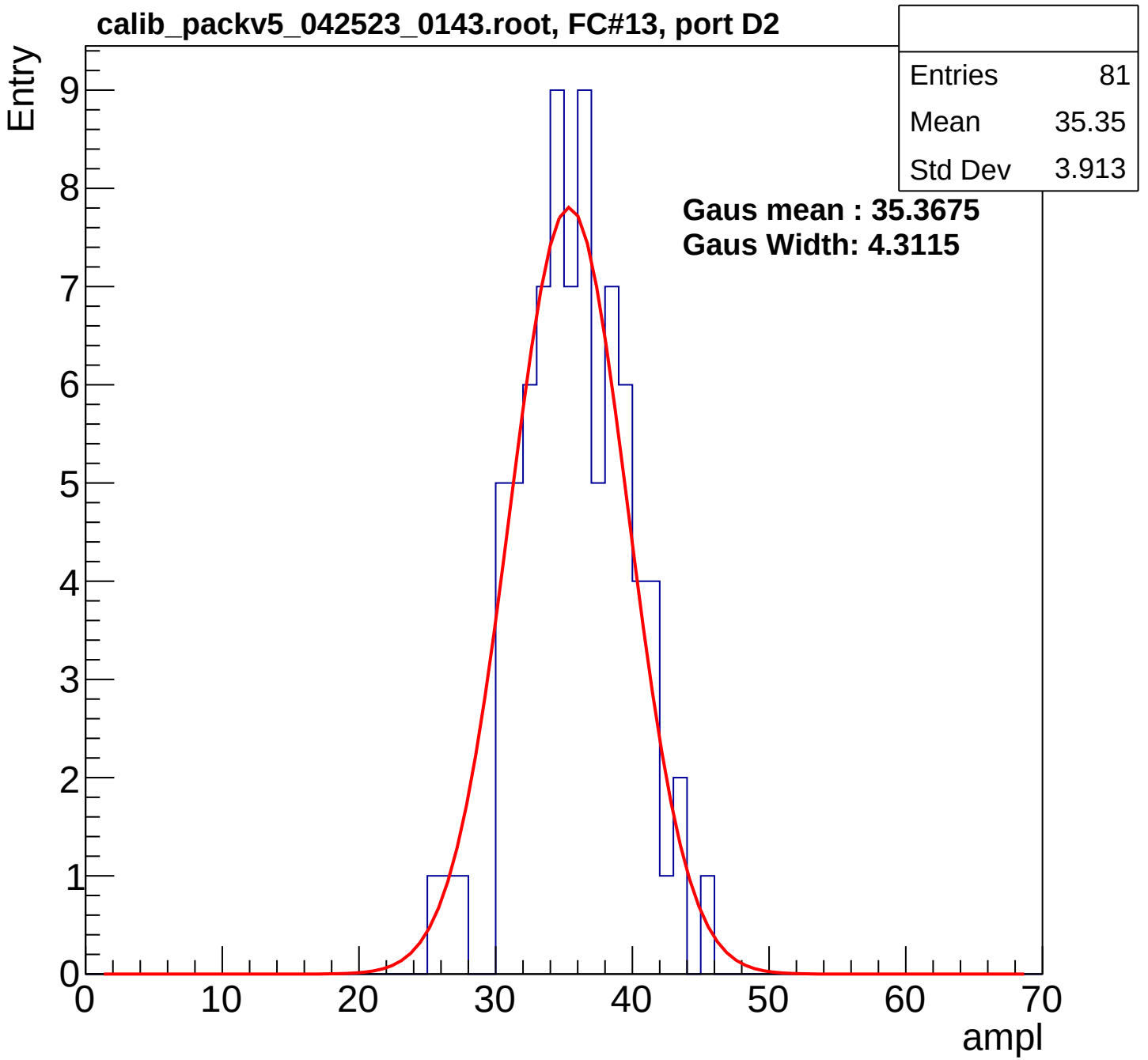
B1L003S, U2-ch85, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 35.35
Std Dev 3.913
Gaus mean : 35.3675
Gaus Width: 4.3115
Entry
ampl
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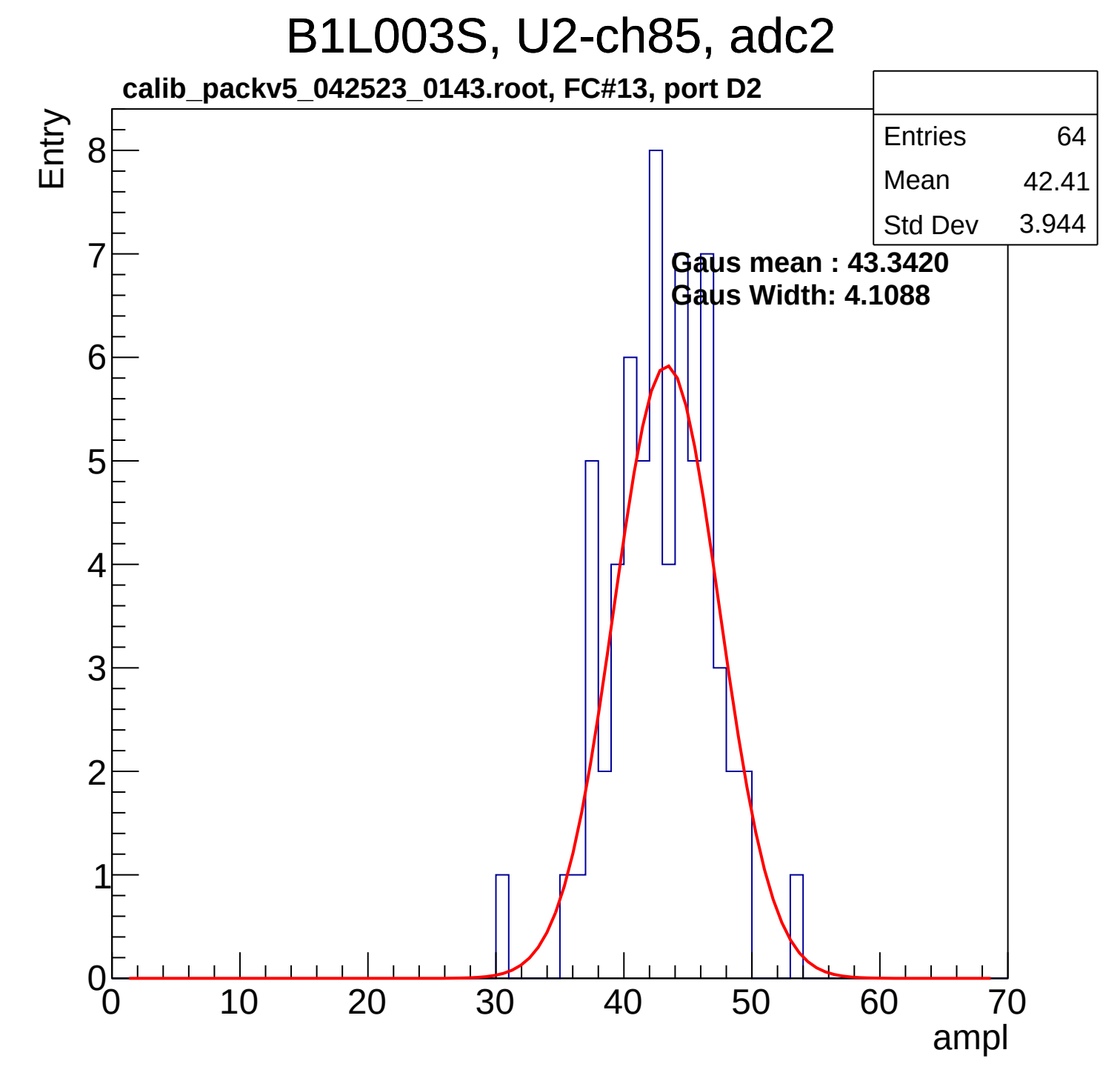
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U2-ch85, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 42.41
Std Dev 3.944
Gaus mean : 43.3420
Gaus Width: 4.1088
Entry
ampl
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2
3
4
5
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7
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0
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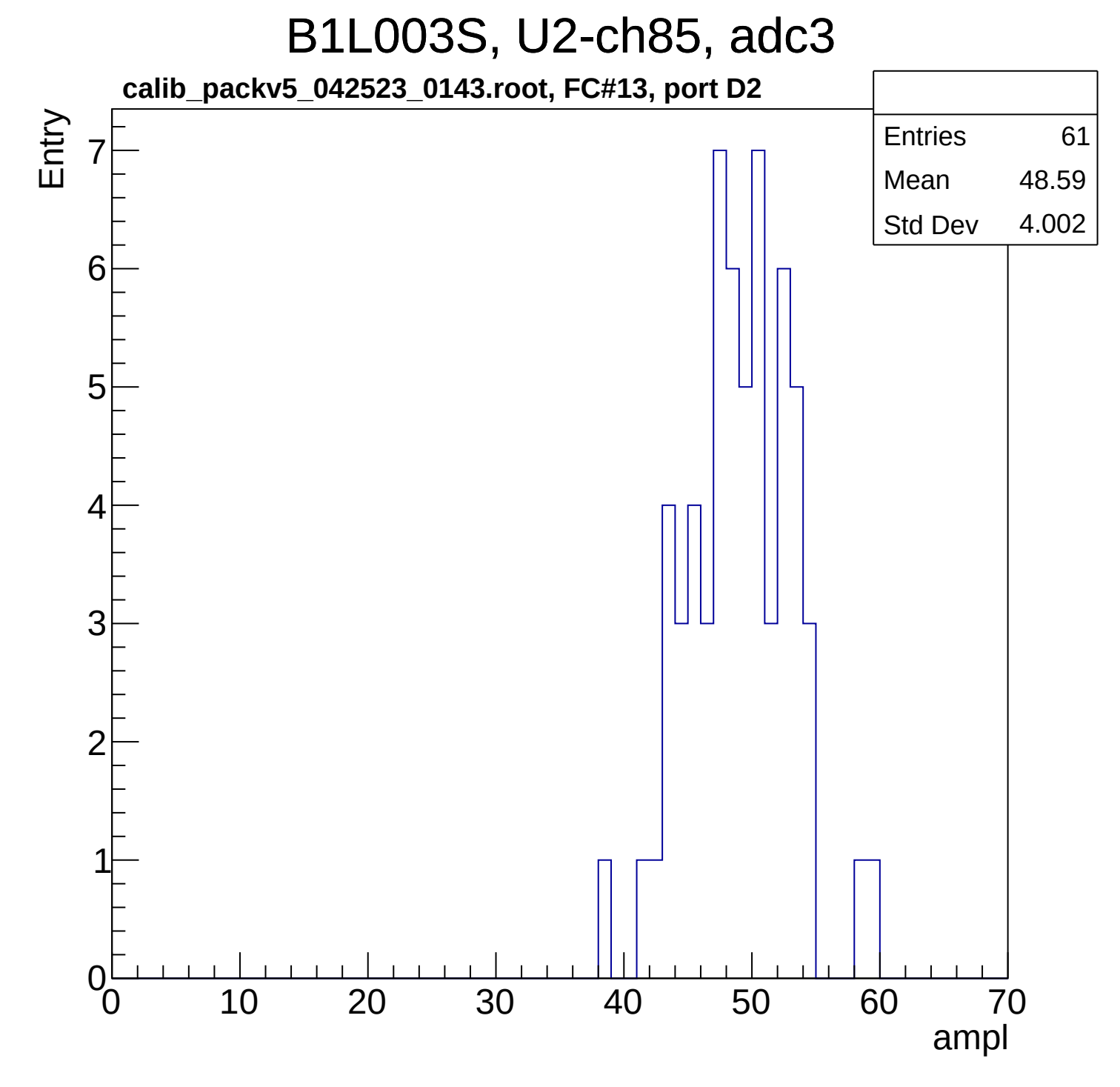
B1L003S, U2-ch85, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 48.59
Std Dev 4.002
Entry
ampl
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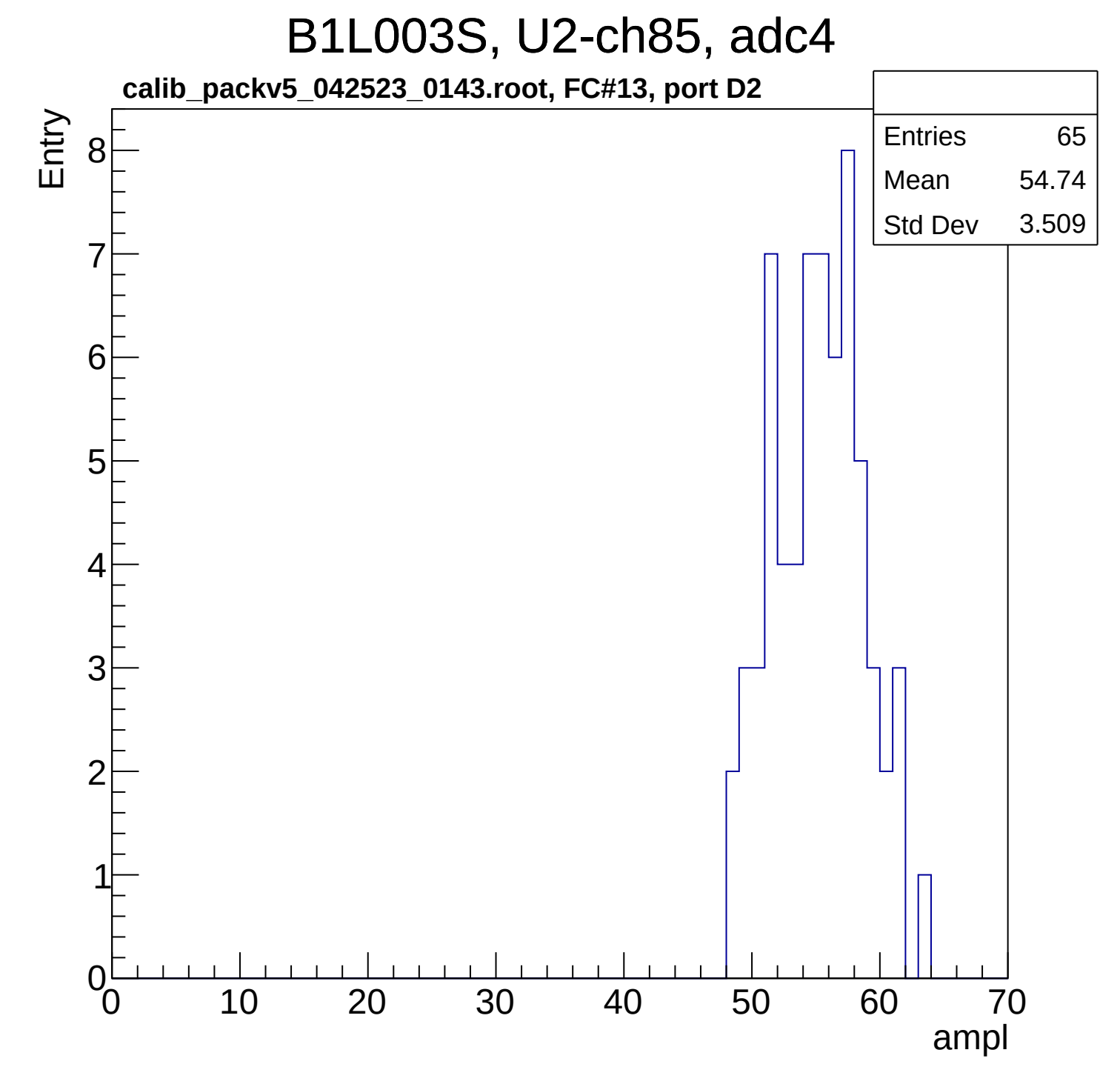
B1L003S, U2-ch85, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 54.74
Std Dev 3.509
Entry
ampl
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2
3
4
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7
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0
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60
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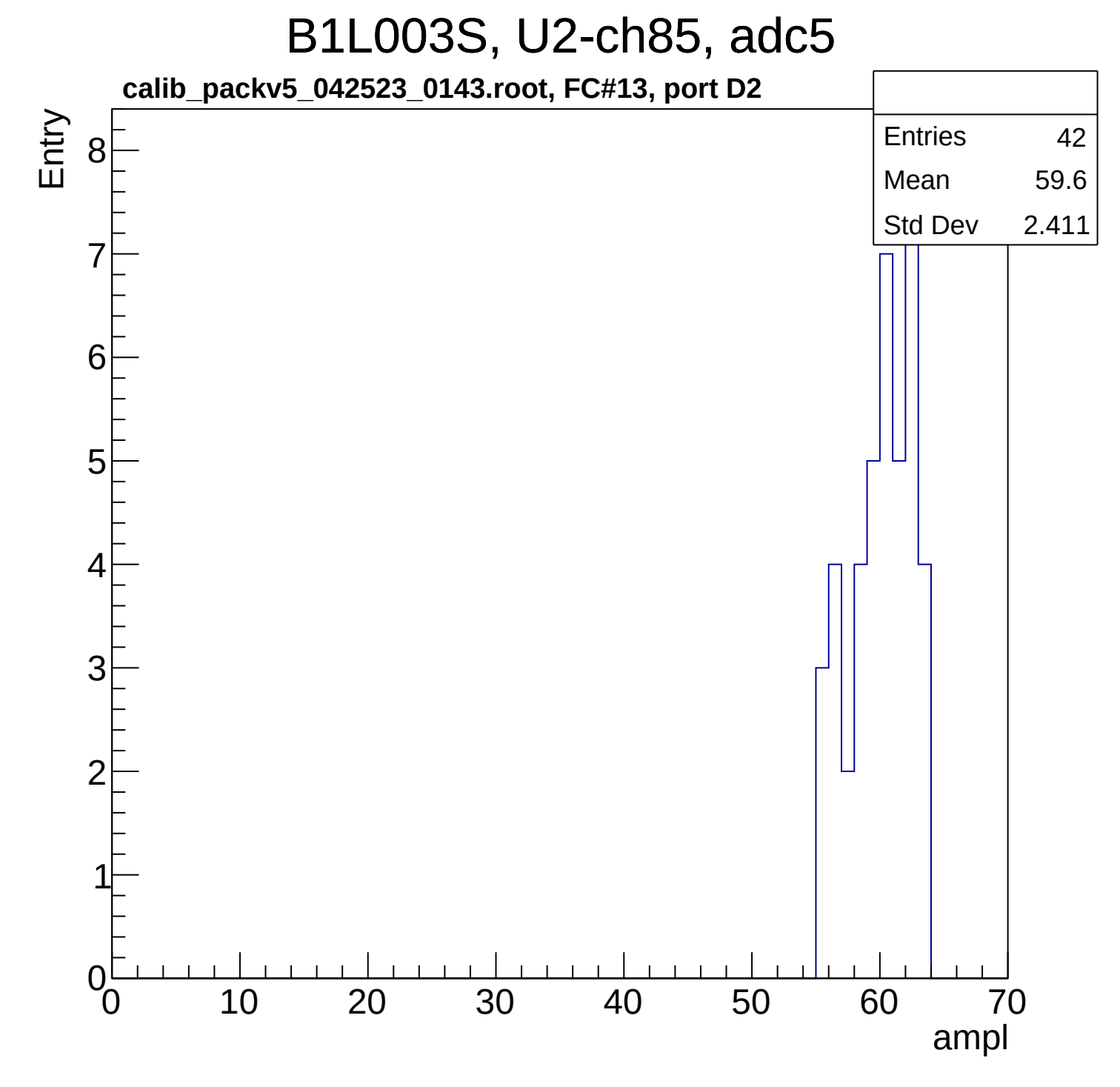
B1L003S, U2-ch85, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 59.6
Std Dev 2.411
Entry
ampl
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5
6
7
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0
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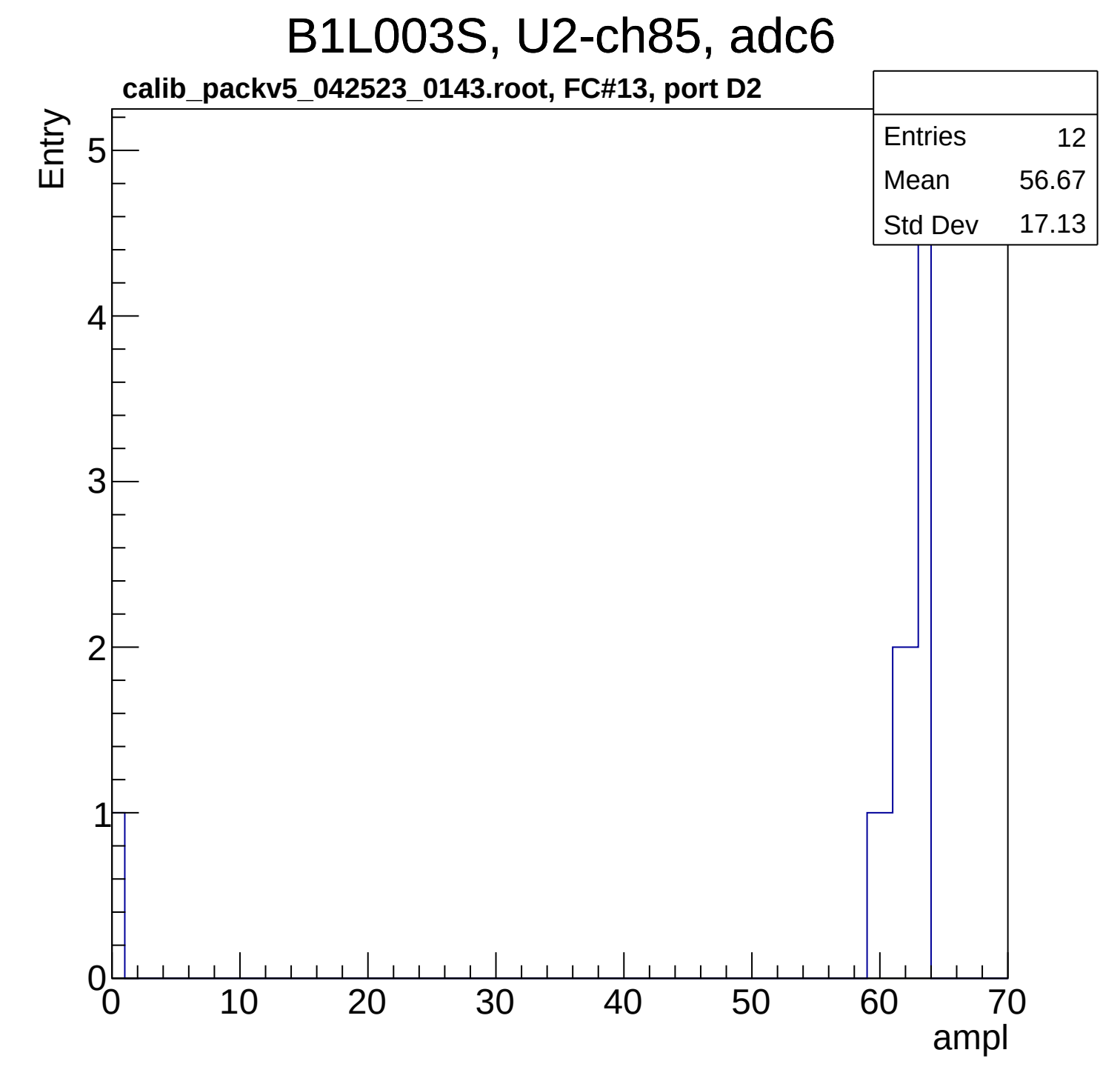
B1L003S, U2-ch85, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 56.67
Std Dev 17.13
Entry
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30
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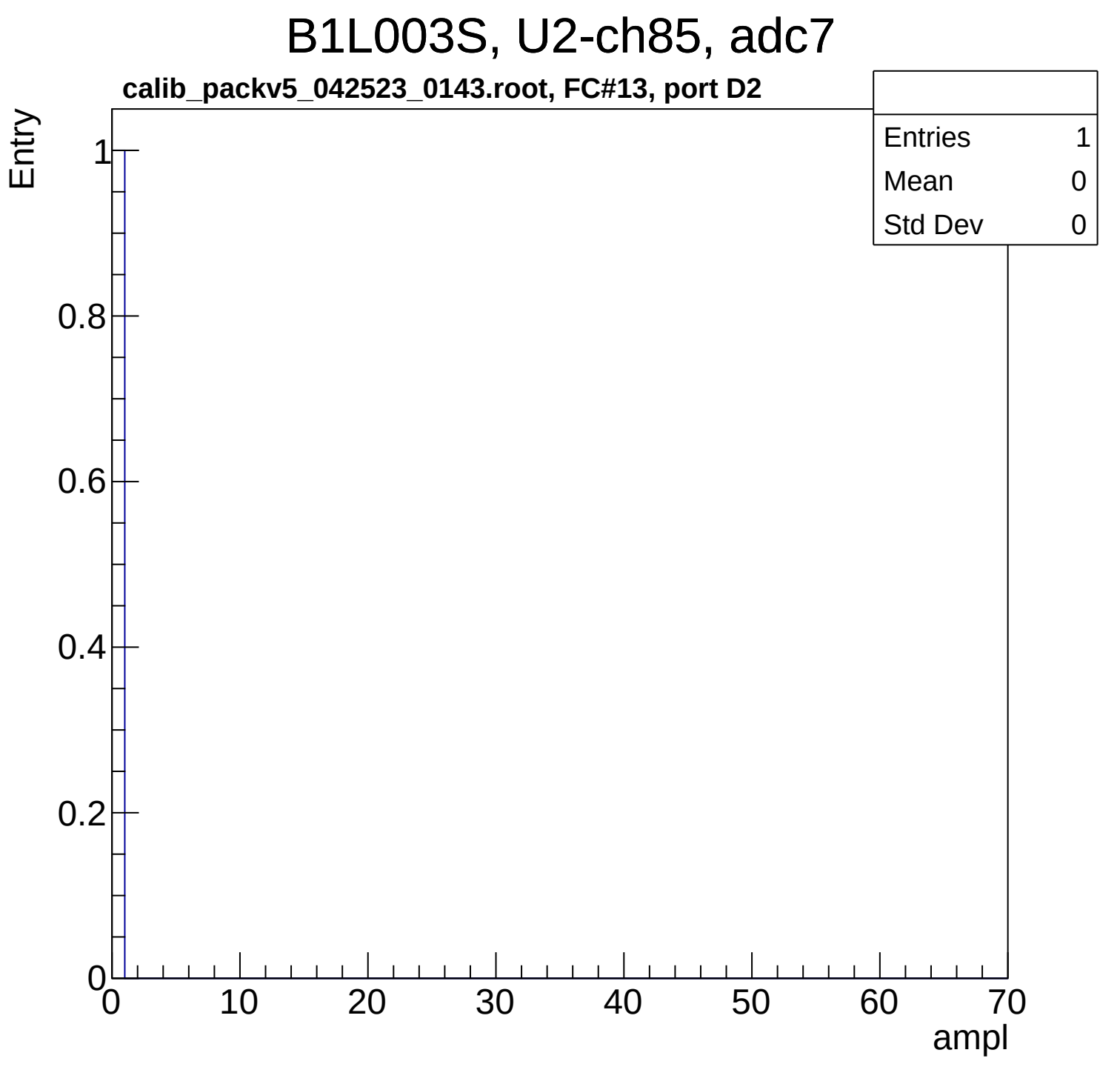
50
60
70
ampl


B1L003S, U2-ch85, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.4
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0
0
10
20
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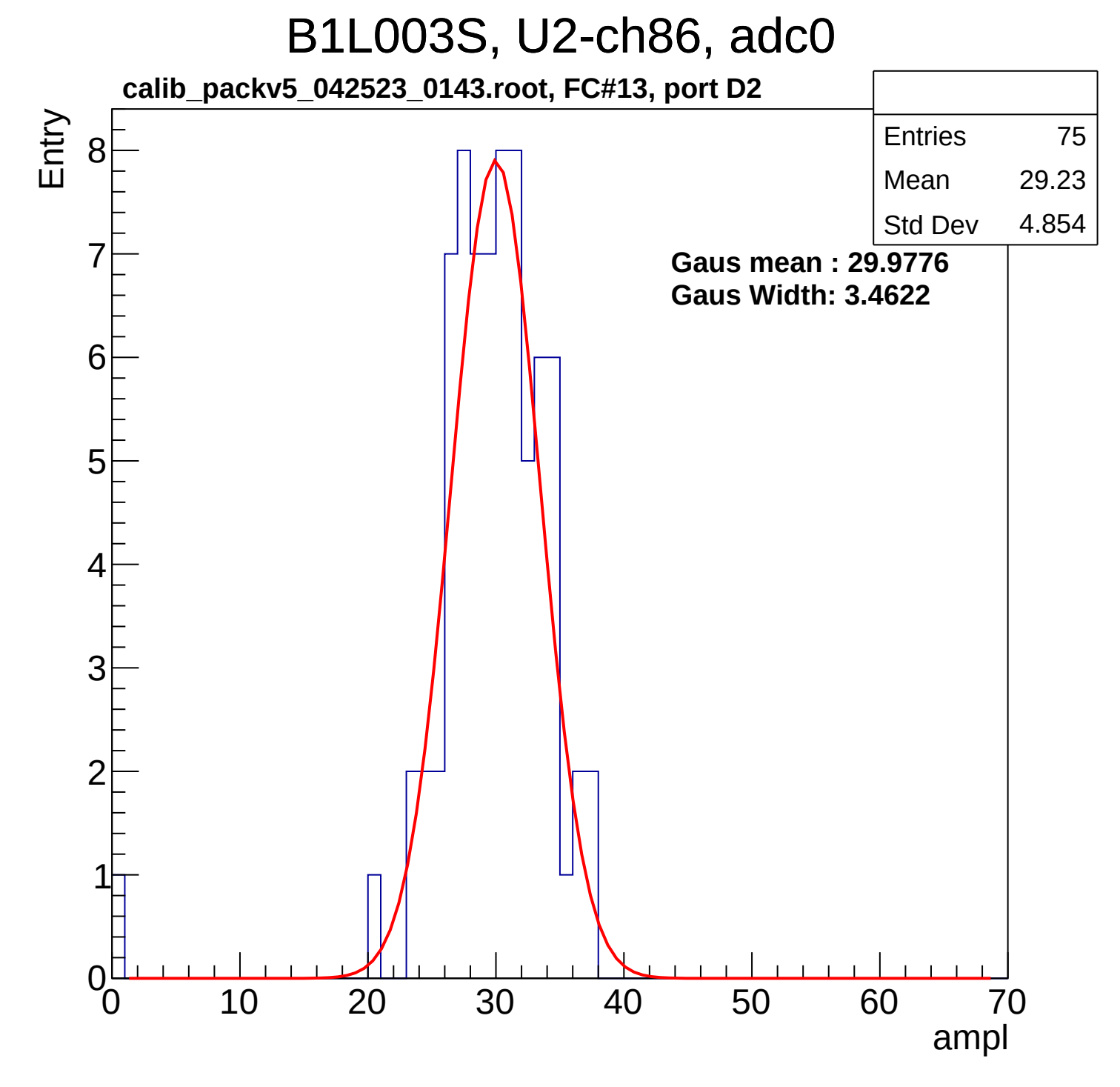
50
60
70
ampl


B1L003S, U2-ch86, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 29.23
Std Dev 4.854
Gaus mean : 29.9776
Gaus Width: 3.4622
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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60
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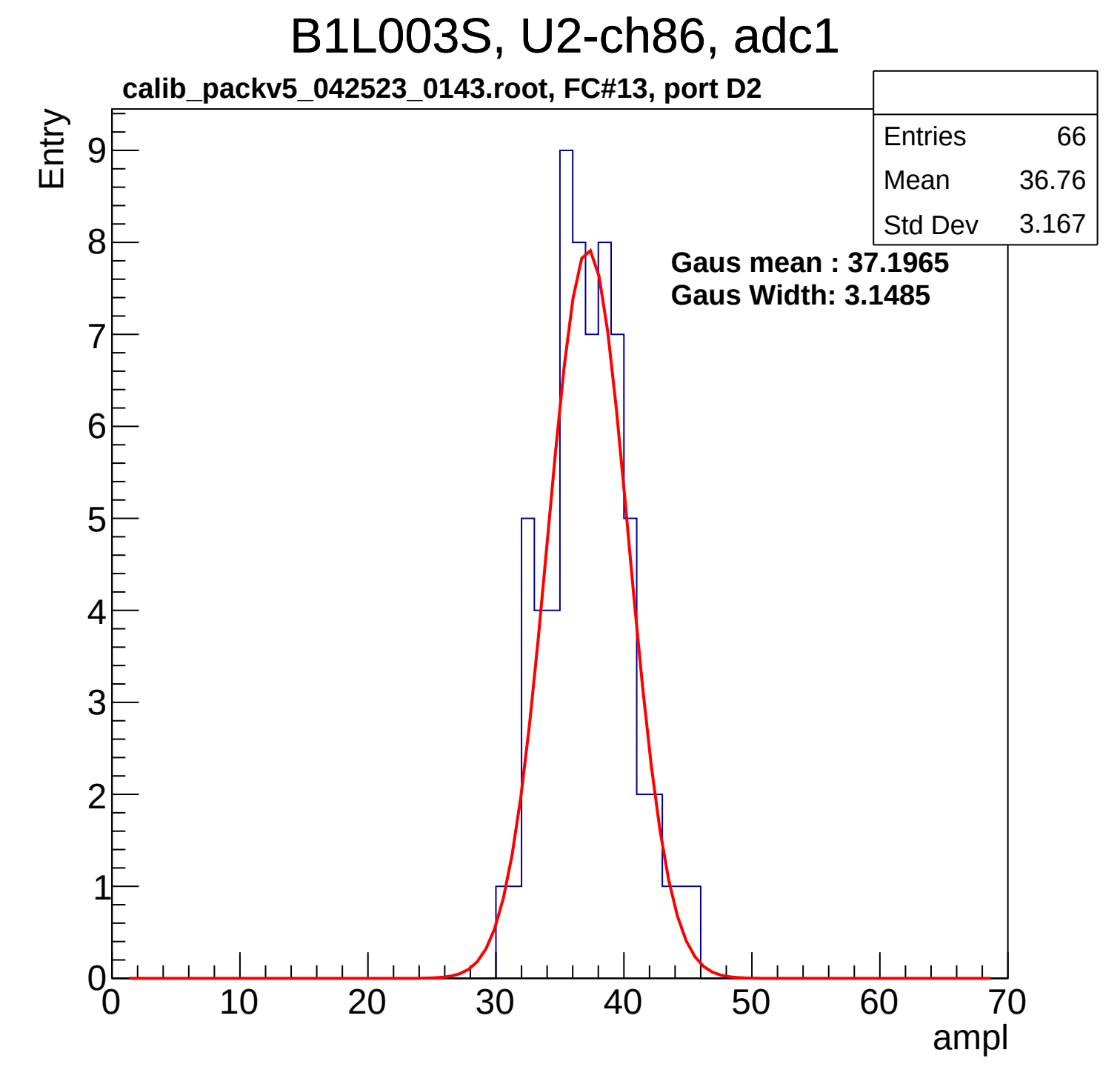
B1L003S, U2-ch86, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 36.76
Std Dev 3.167
Gaus mean : 37.1965
Gaus Width: 3.1485
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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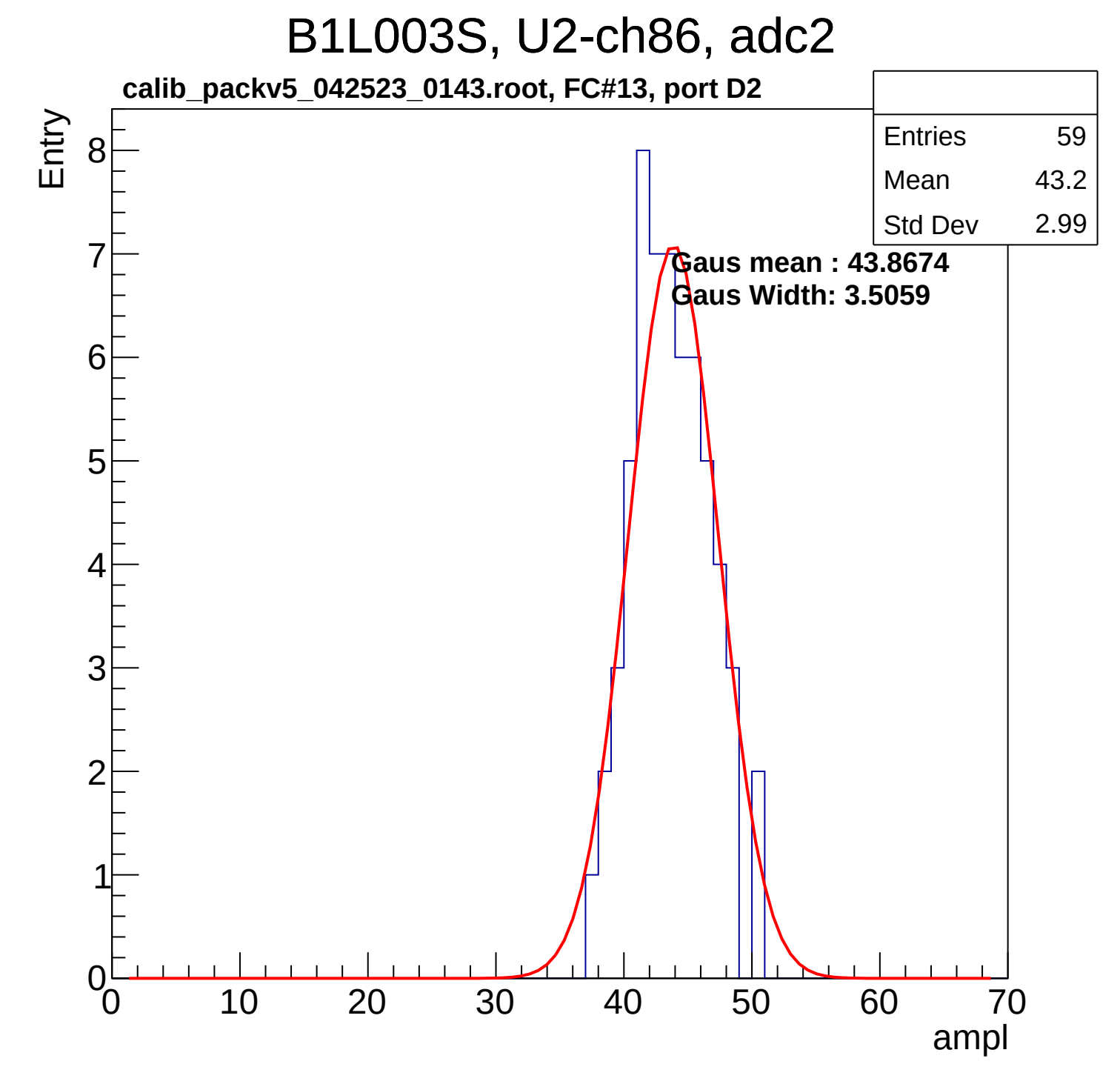
B1L003S, U2-ch86, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 43.2
Std Dev 2.99
Gaus mean : 43.8674
Gaus Width: 3.5059
Entry
ampl
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1
2
3
4
5
6
7
8
0
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50
60
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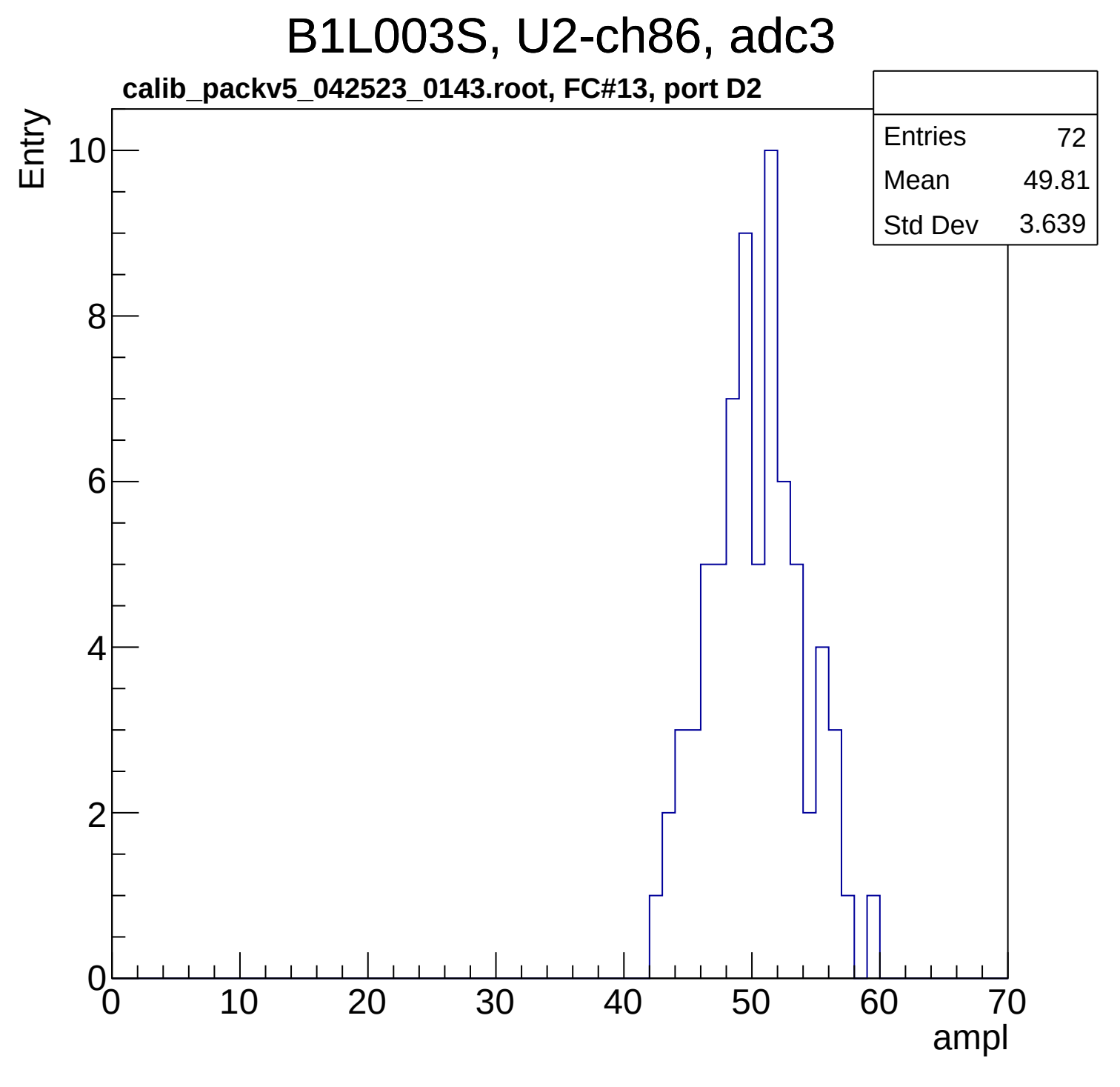
B1L003S, U2-ch86, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 49.81
Std Dev 3.639
Entry
ampl
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8
10
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40
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60
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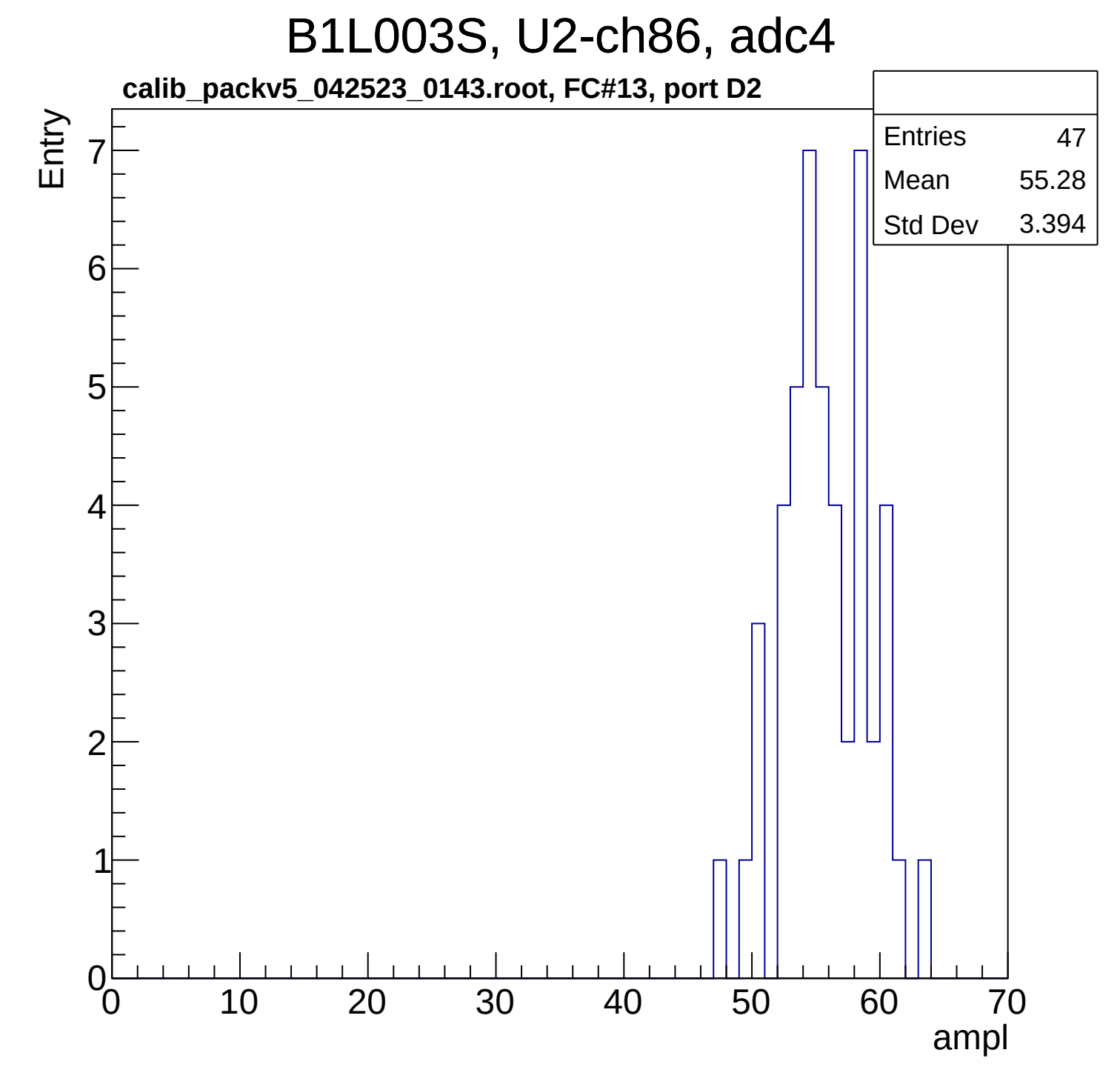
B1L003S, U2-ch86, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 55.28
Std Dev 3.394
Entry
ampl
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40
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60
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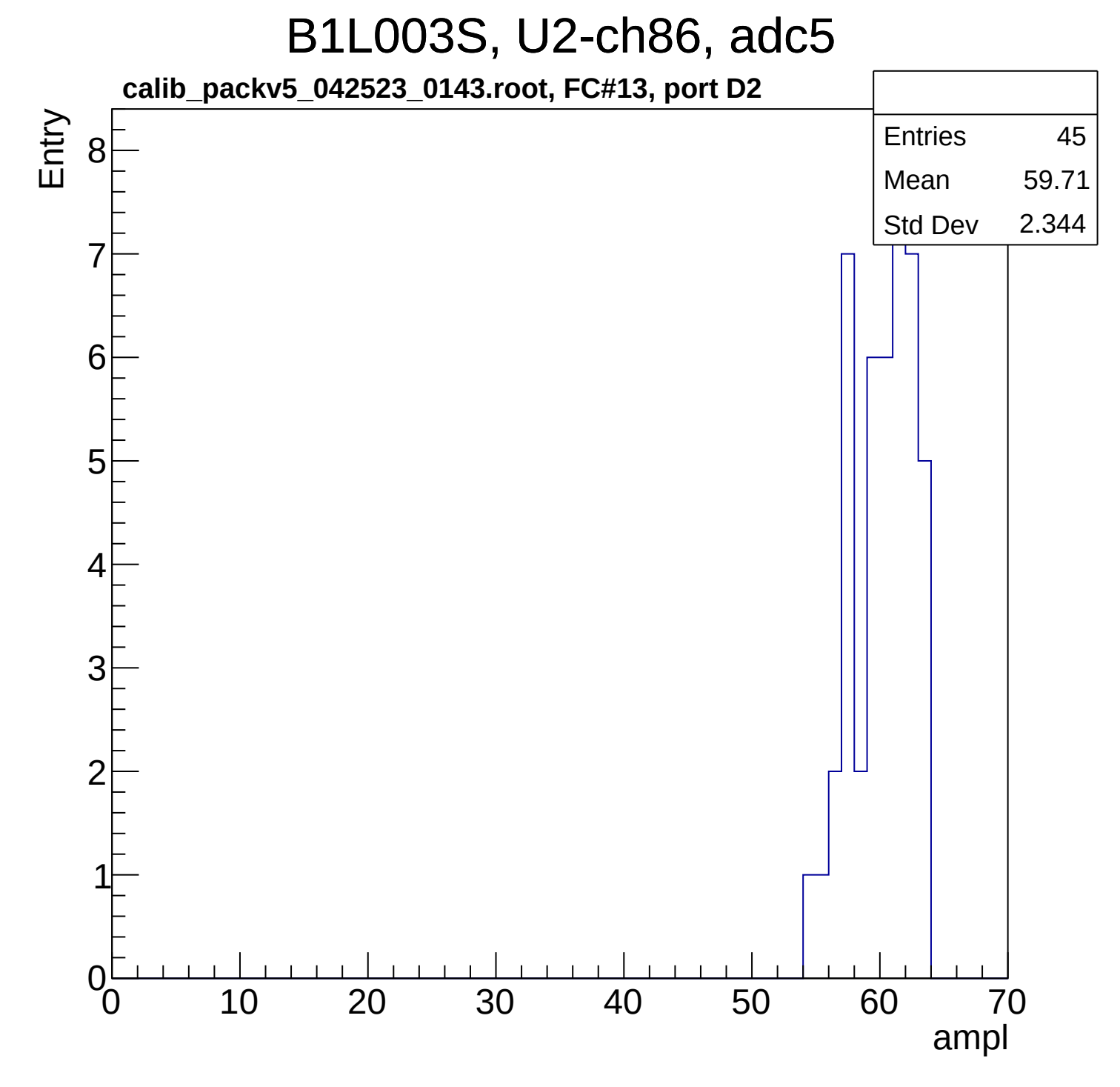
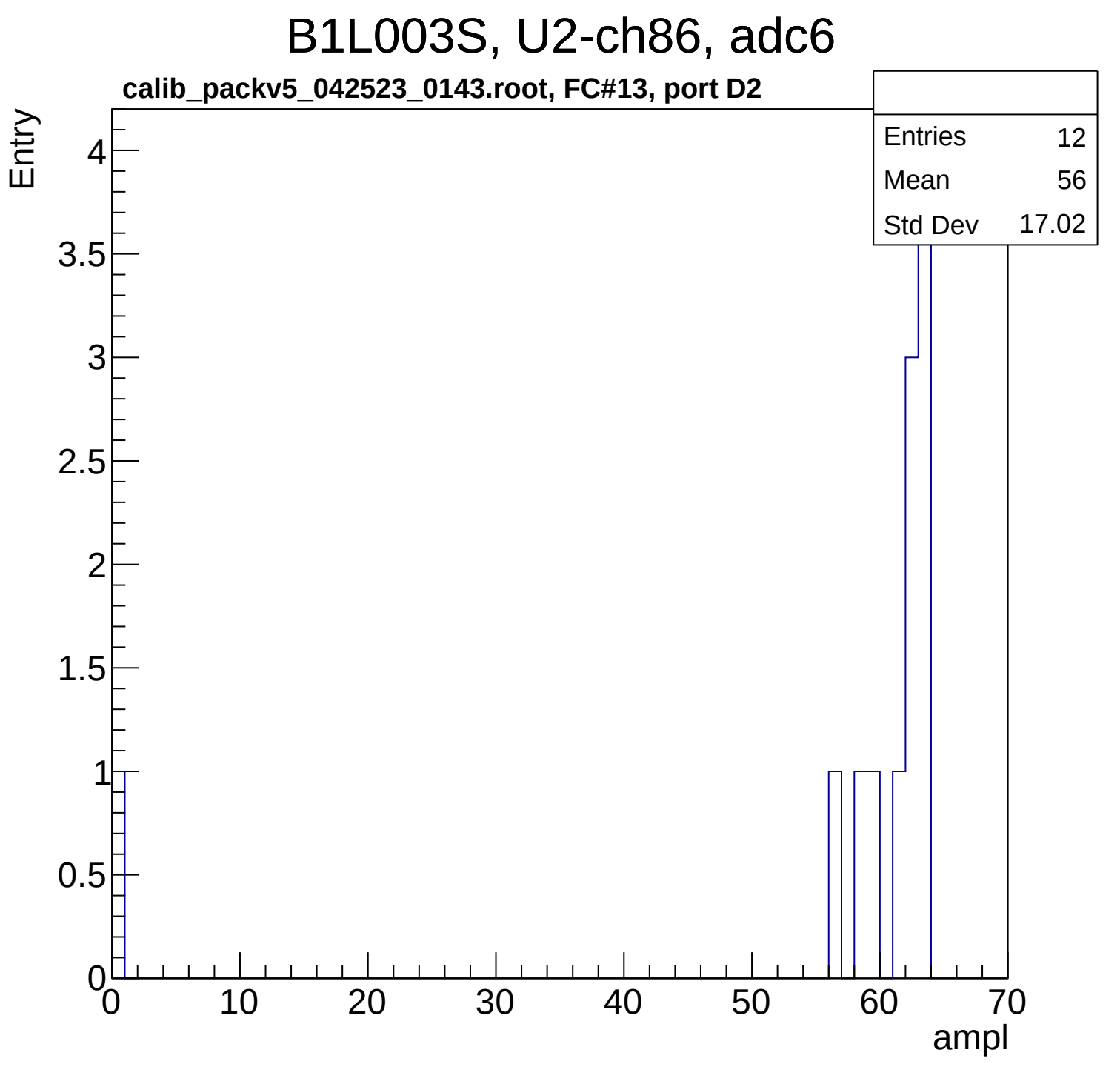

B1L003S, U2-ch86, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 59.71
Std Dev 2.344
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch86, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 56
Std Dev 17.02
Entry
ampl
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0.5
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1.5
2
2.5
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3.5
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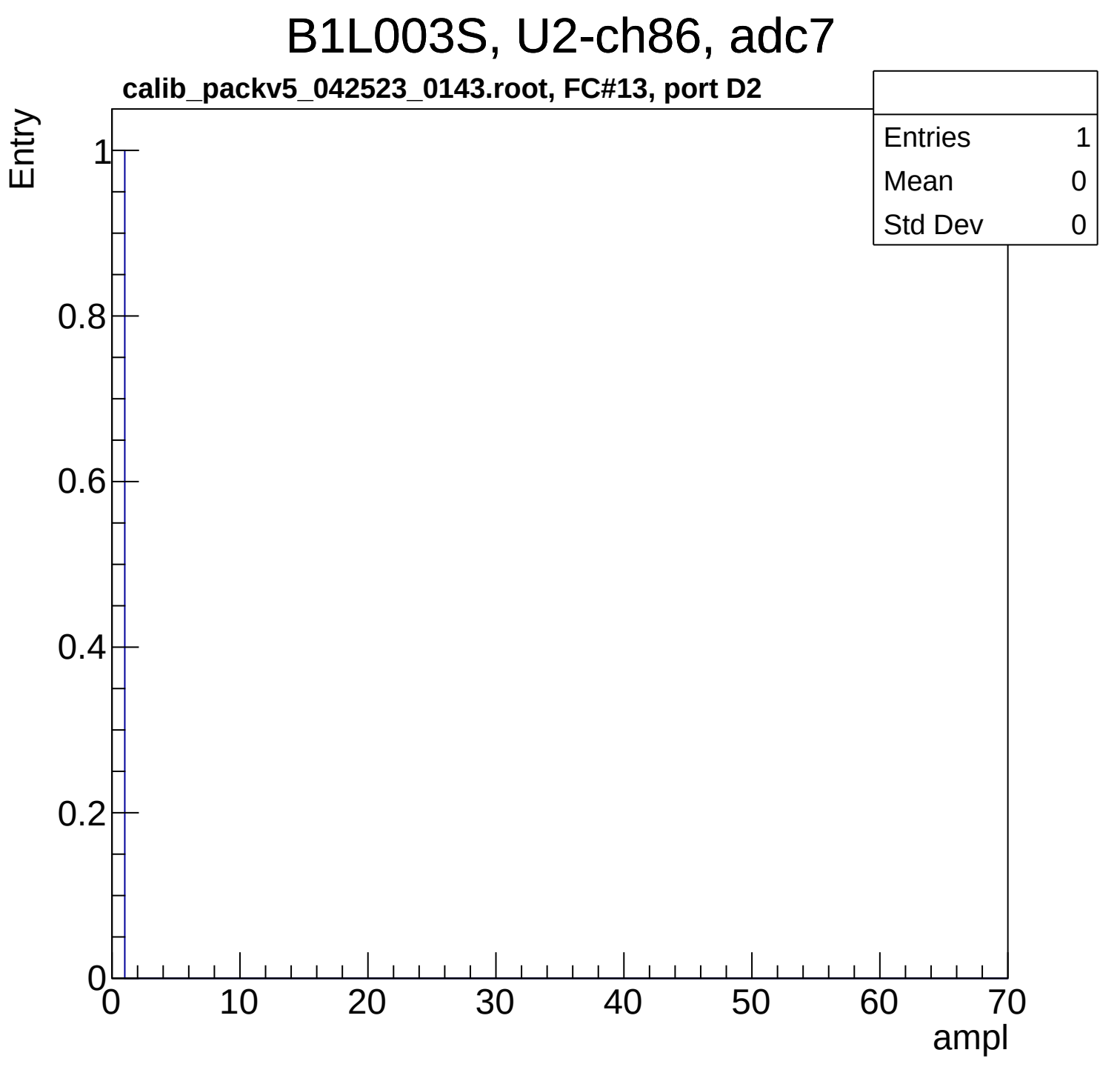
B1L003S, U2-ch86, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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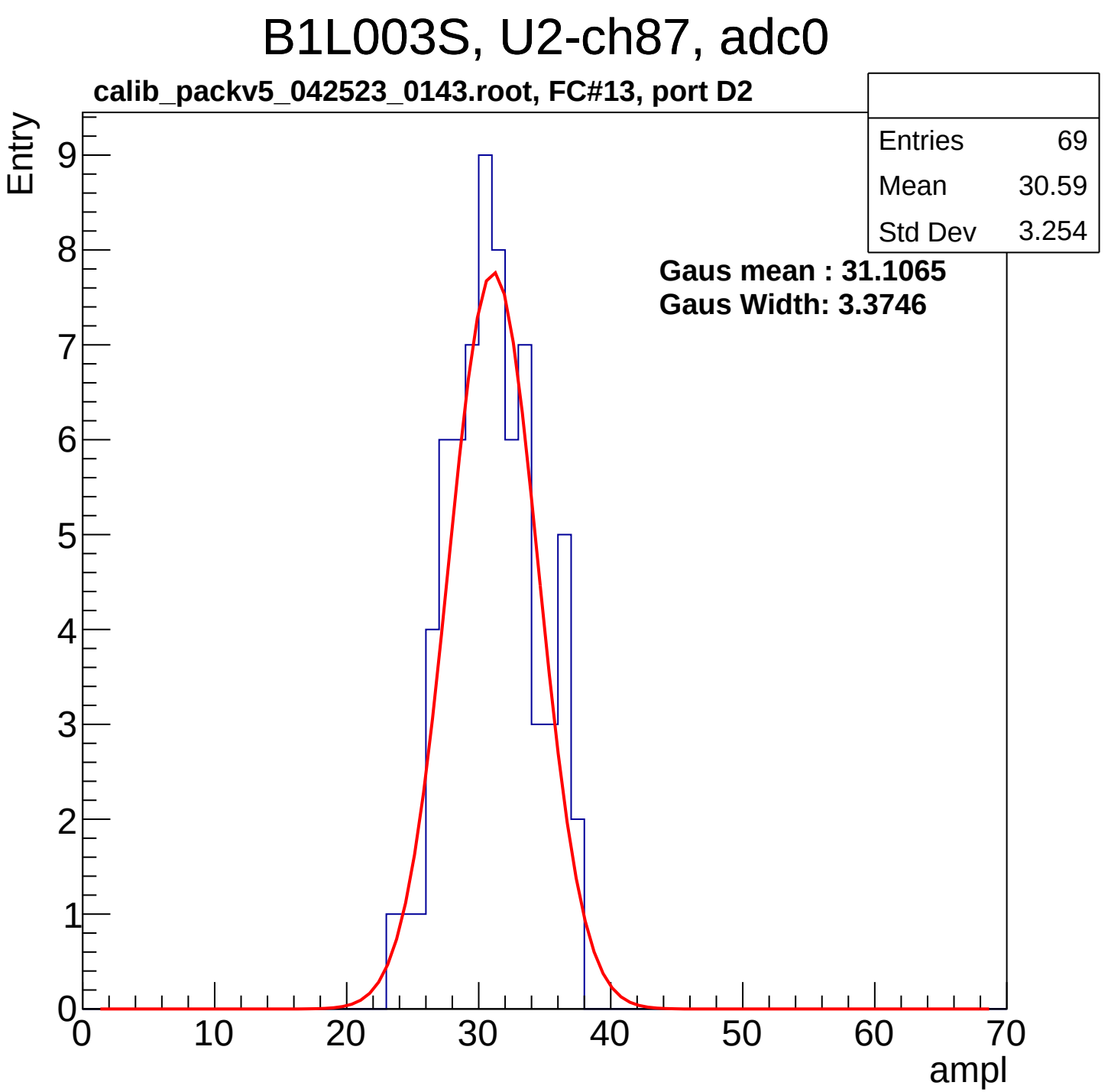
30
40
50
60
70
ampl


B1L003S, U2-ch87, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 30.59
Std Dev 3.254
Gaus mean : 31.1065
Gaus Width: 3.3746
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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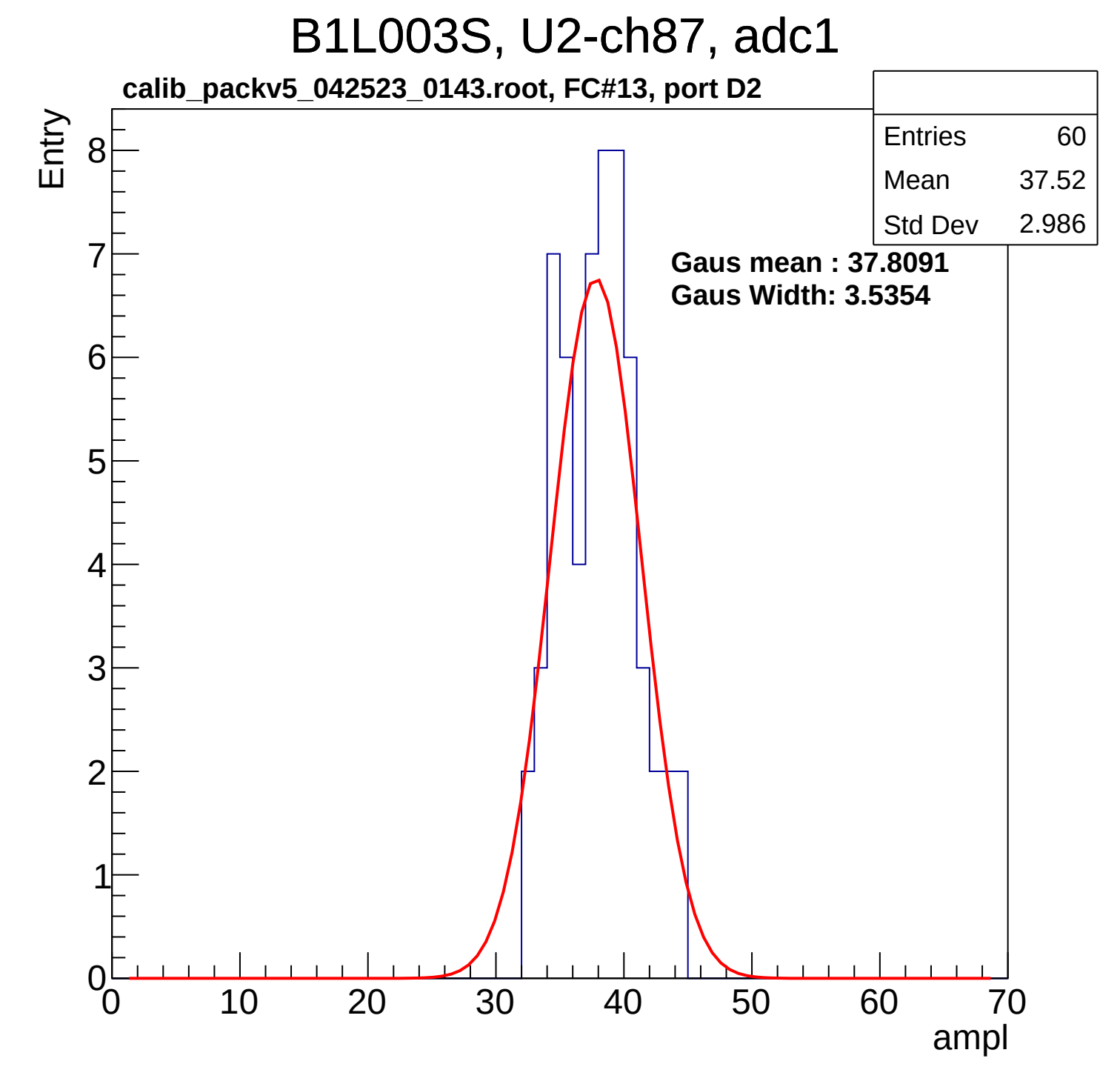
B1L003S, U2-ch87, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 37.52
Std Dev 2.986
Gaus mean : 37.8091
Gaus Width: 3.5354
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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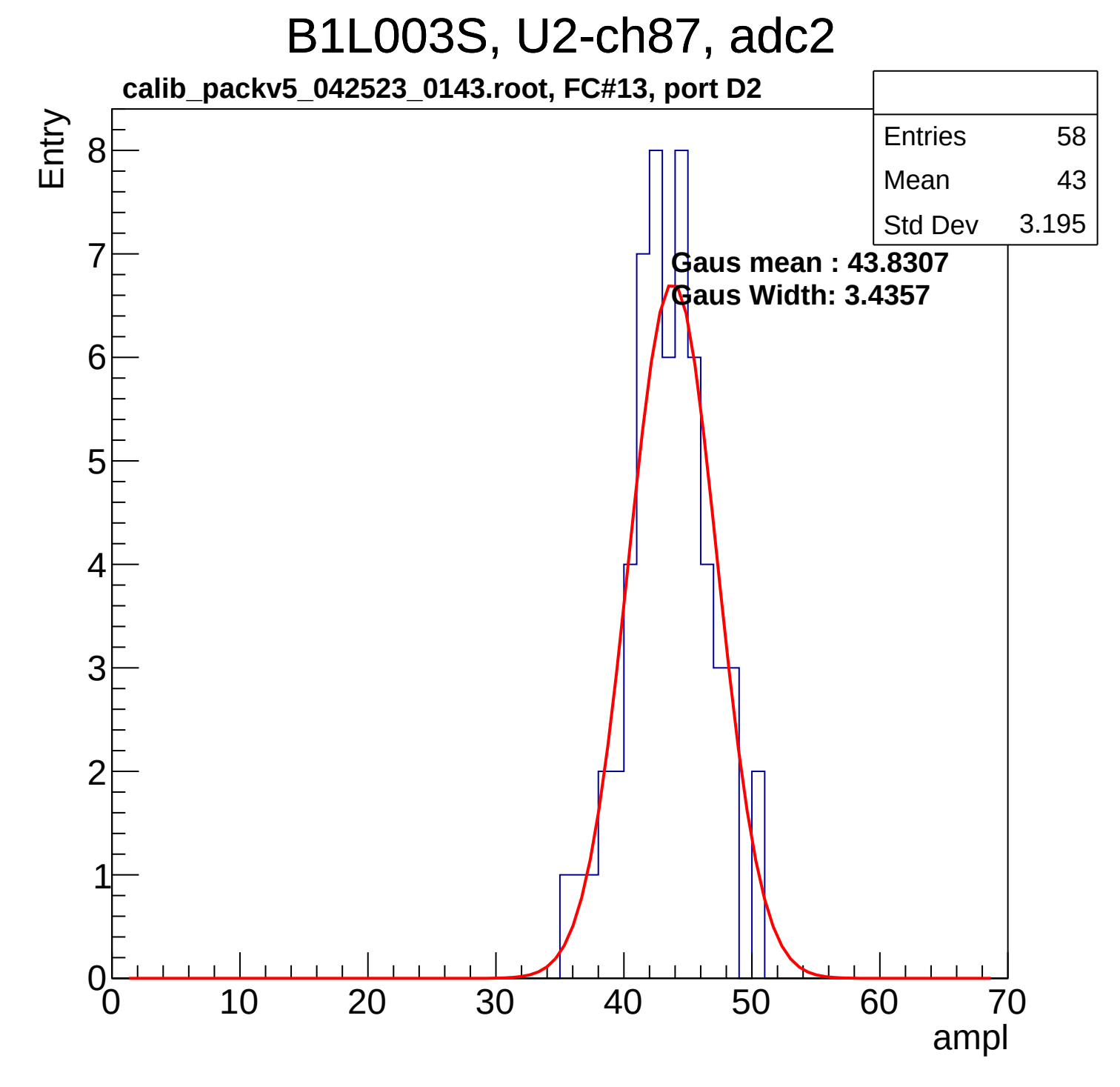
B1L003S, U2-ch87, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 43
Std Dev 3.195
Gaus mean : 43.8307
Gaus Width: 3.4357
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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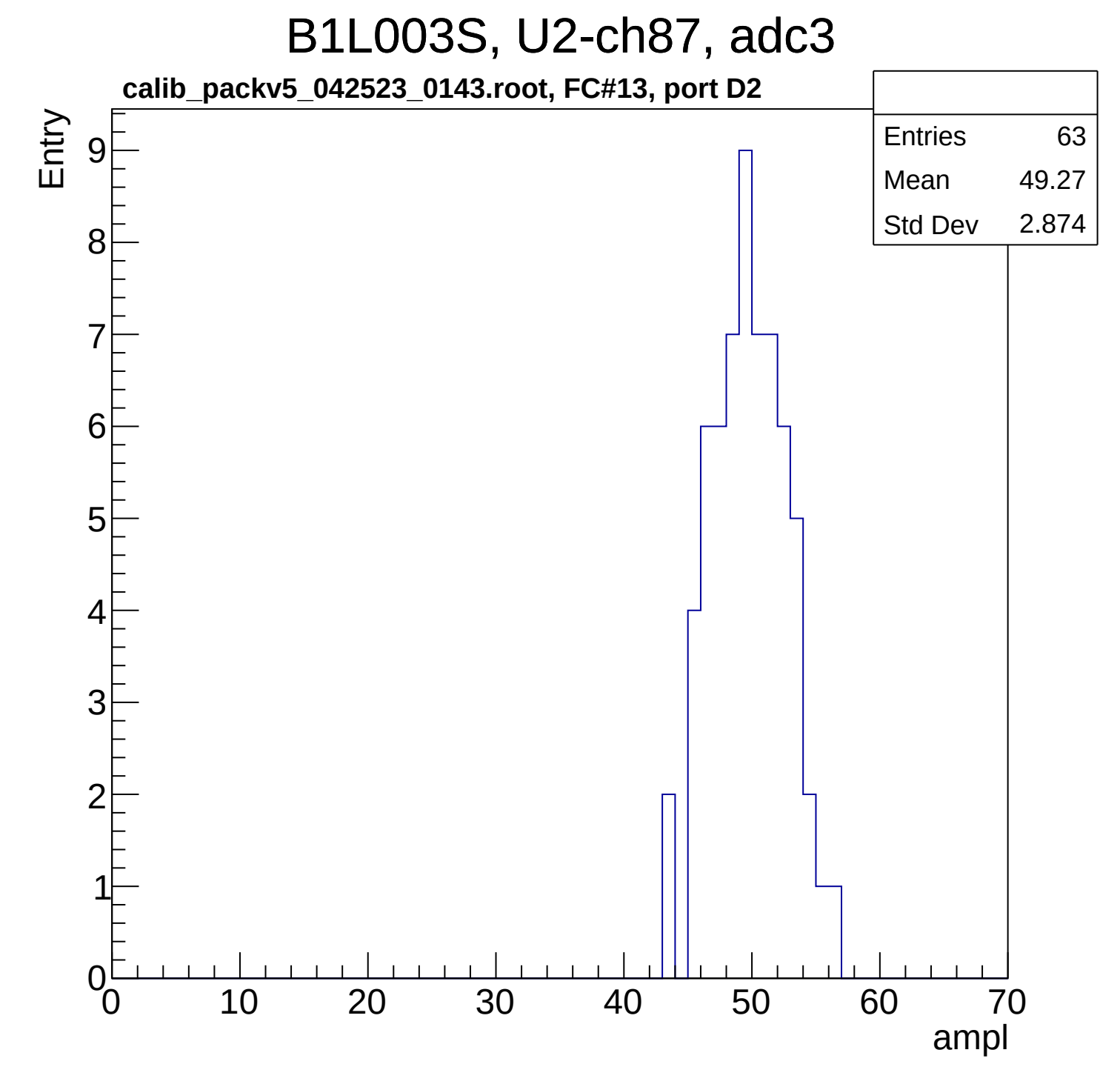
B1L003S, U2-ch87, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 49.27
Std Dev 2.874
Entry
ampl
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0
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60
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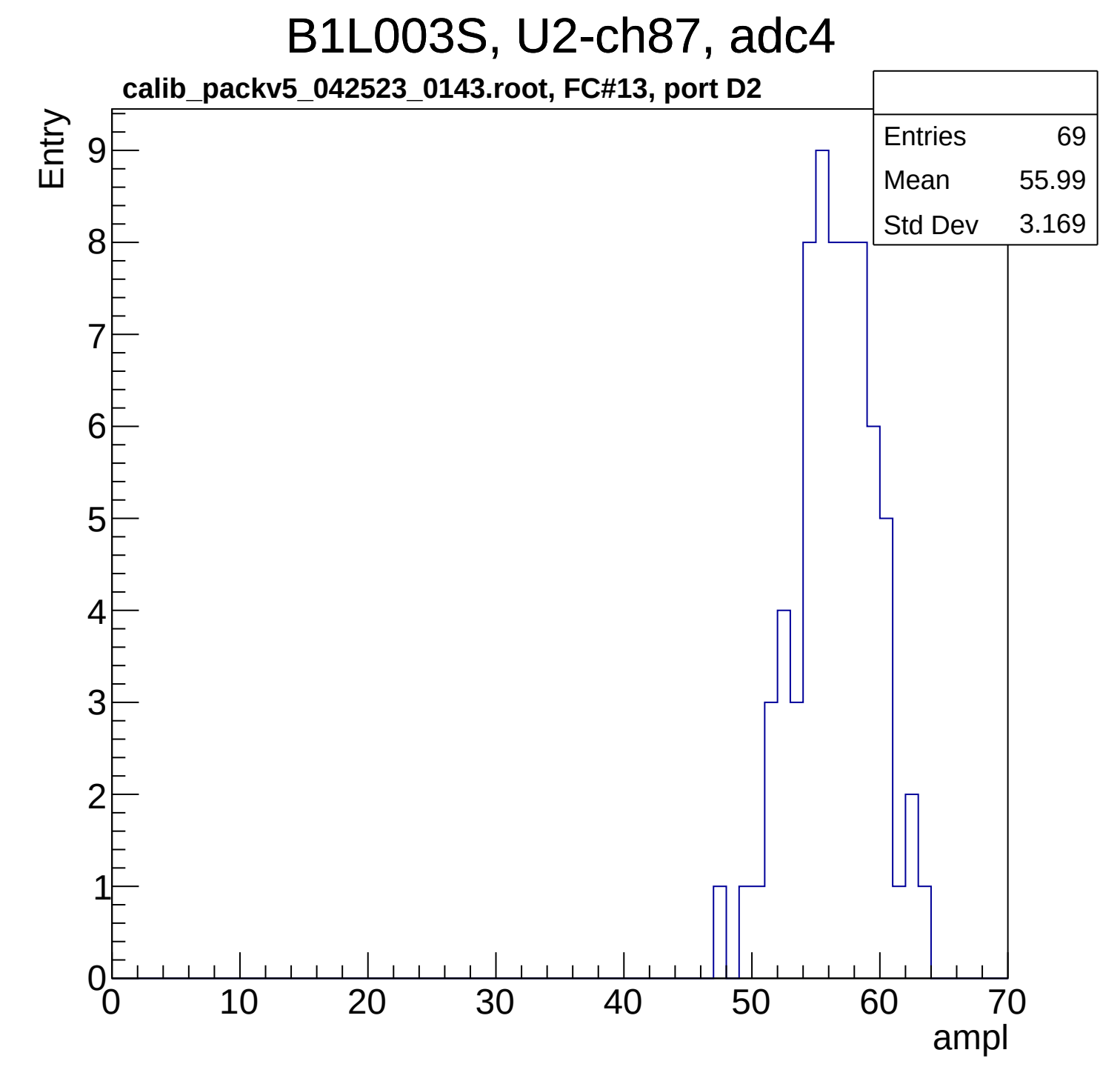
B1L003S, U2-ch87, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 55.99
Std Dev 3.169
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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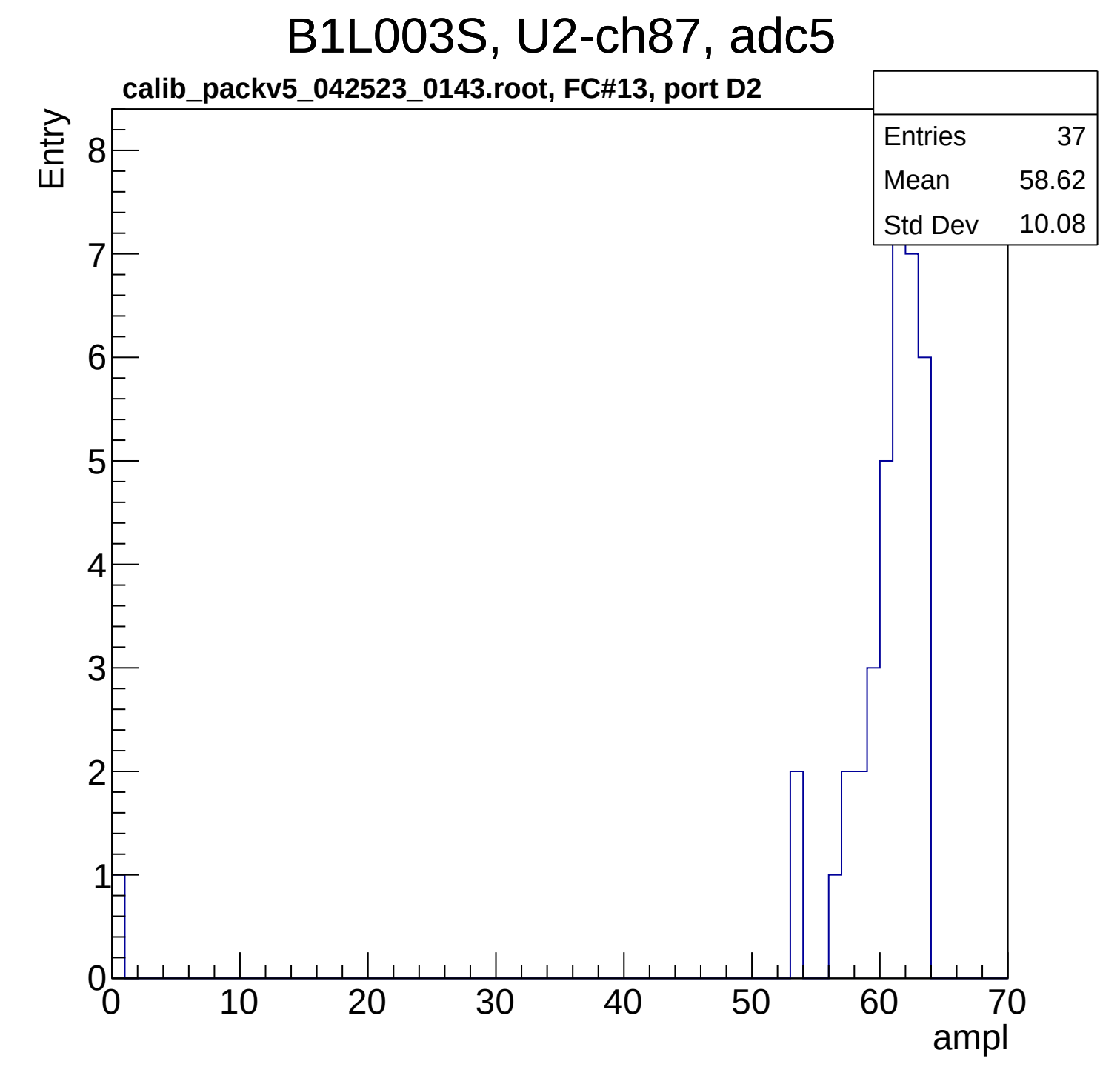
B1L003S, U2-ch87, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 58.62
Std Dev 10.08
Entry
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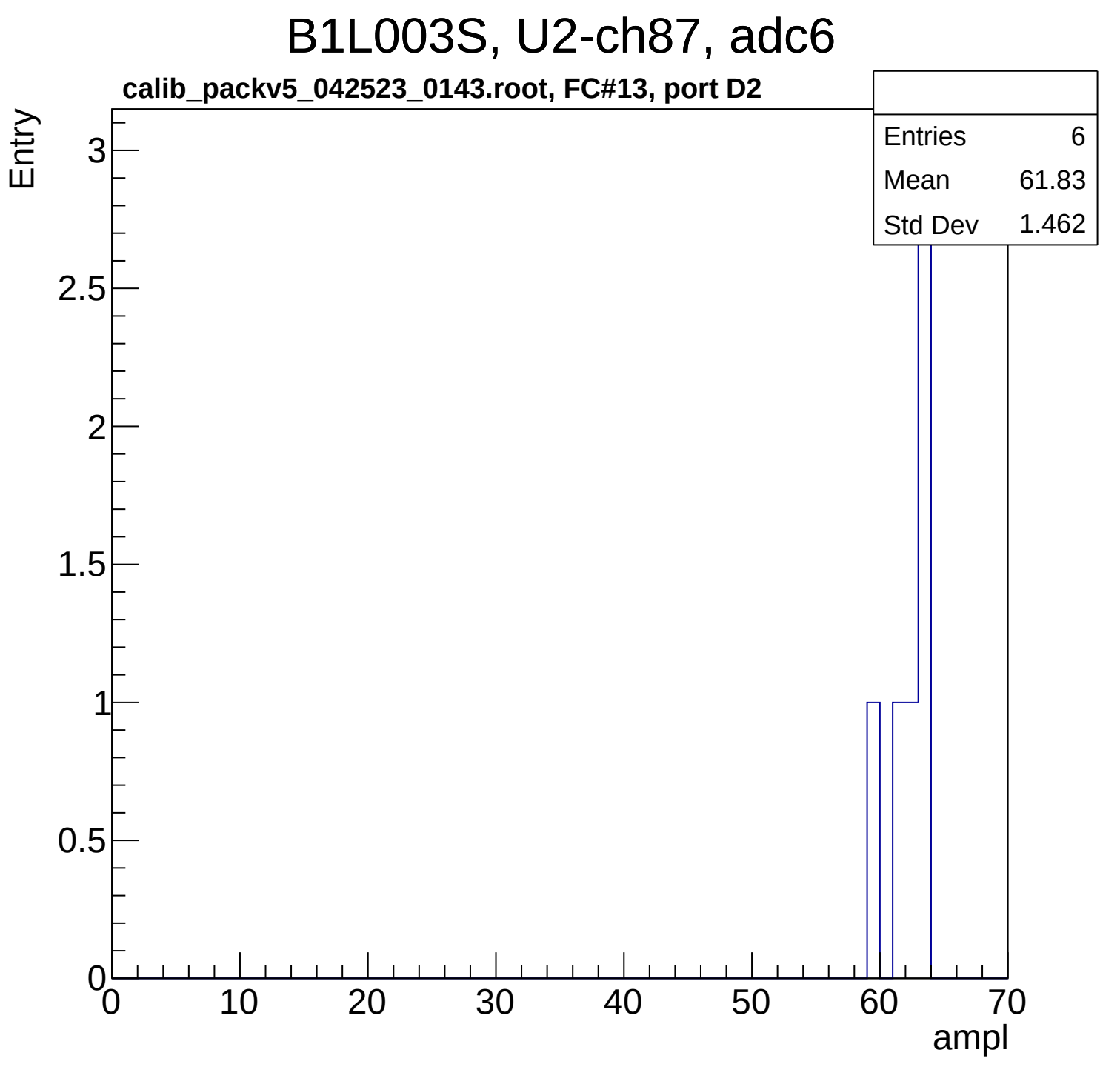
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch87, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 61.83
Std Dev 1.462
Entry
ampl
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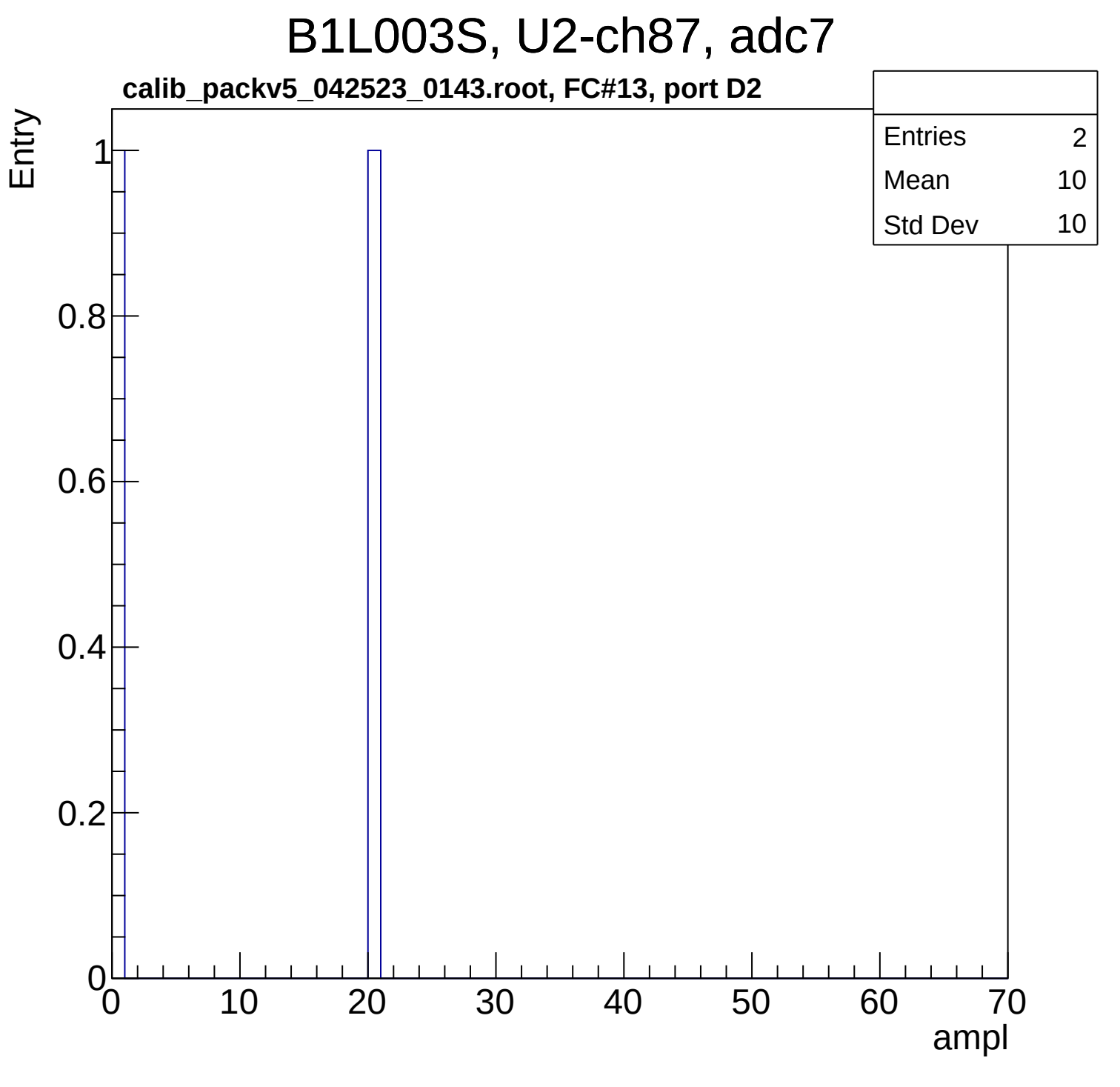
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch87, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 10
Std Dev 10
Entry
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0.6
0.4
0.2
0
0
10
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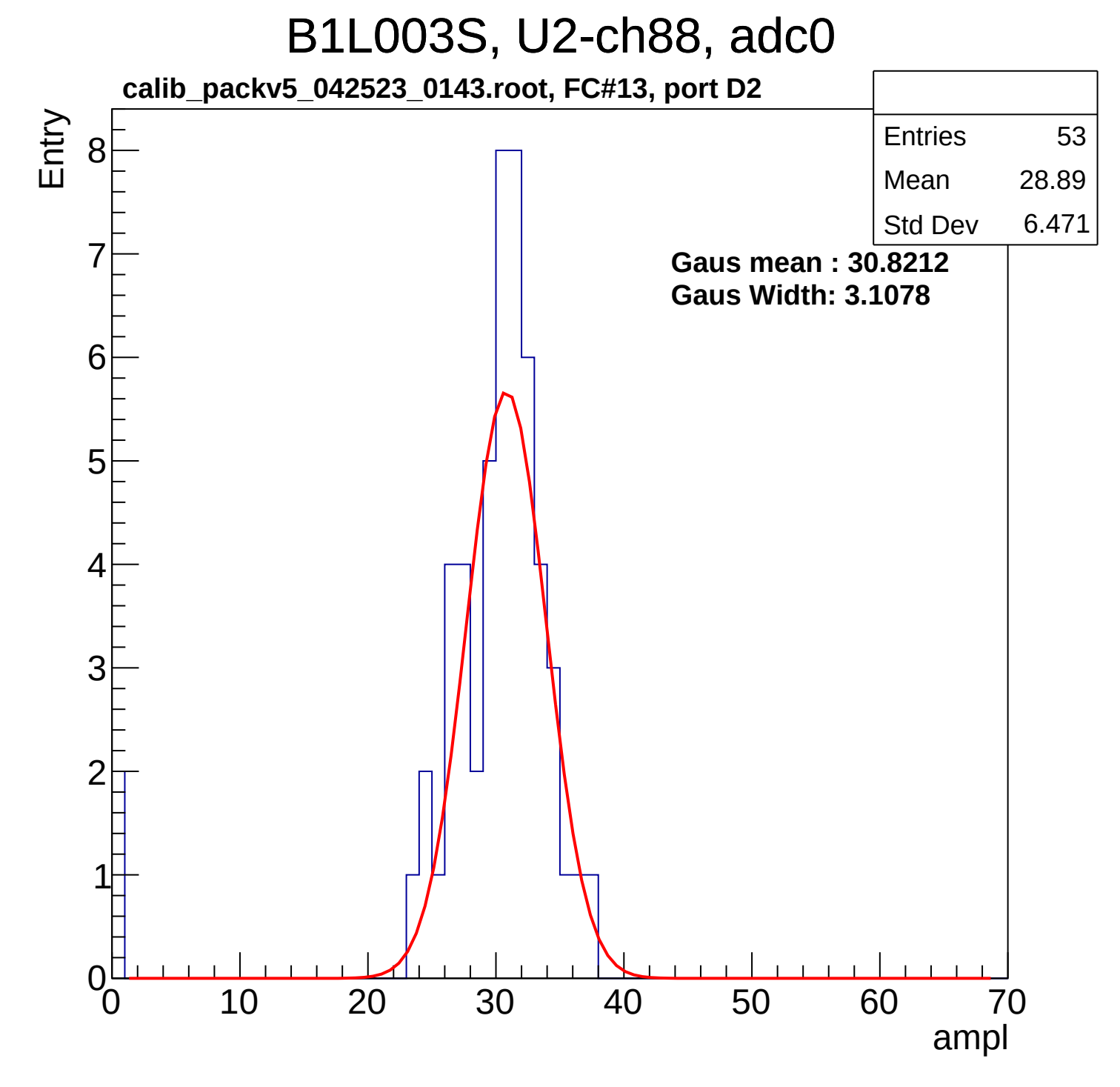
40
50
60
70
ampl


B1L003S, U2-ch88, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 28.89
Std Dev 6.471
Gaus mean : 30.8212
Gaus Width: 3.1078
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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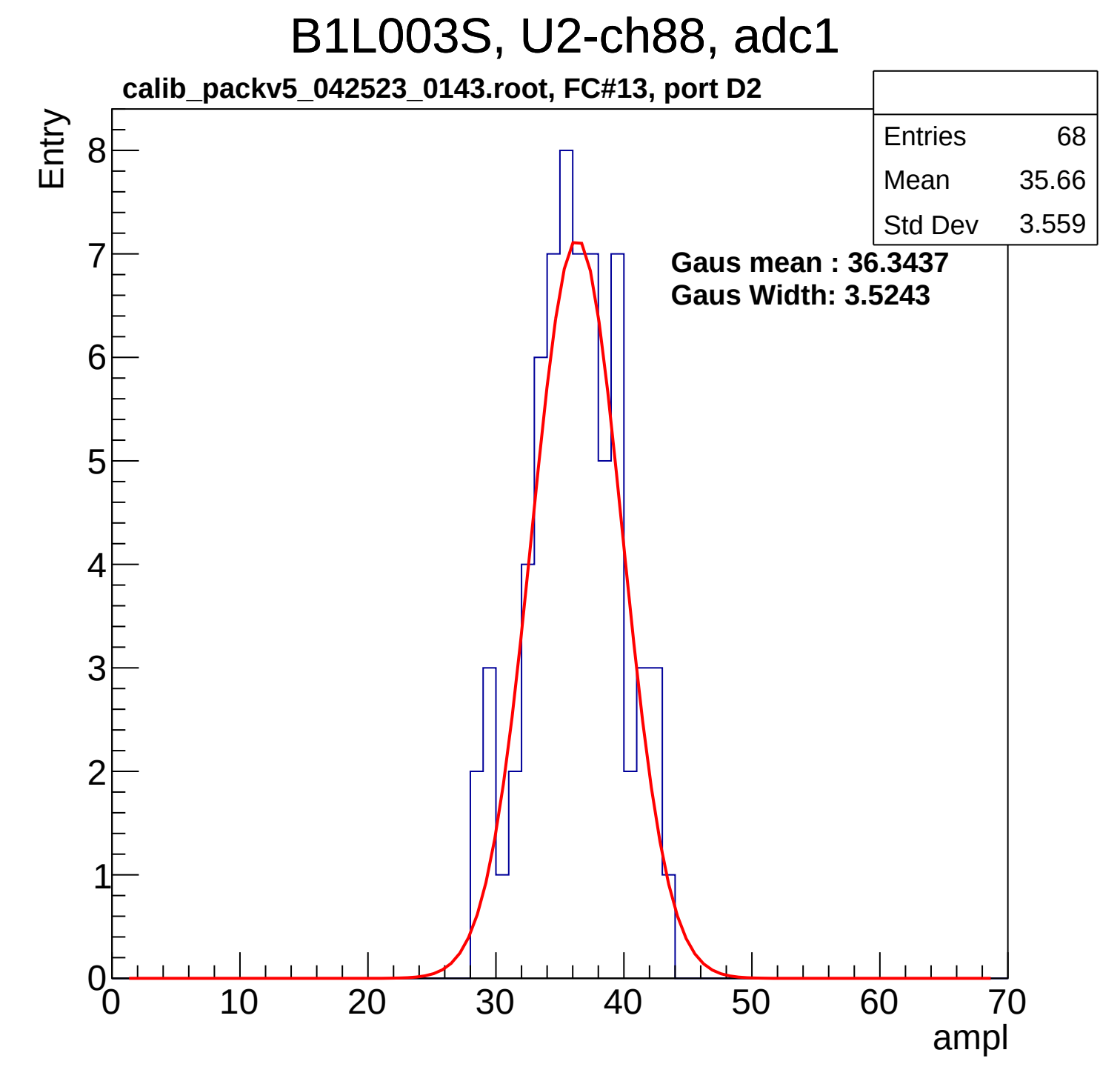
B1L003S, U2-ch88, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 35.66
Std Dev 3.559
Gaus mean : 36.3437
Gaus Width: 3.5243
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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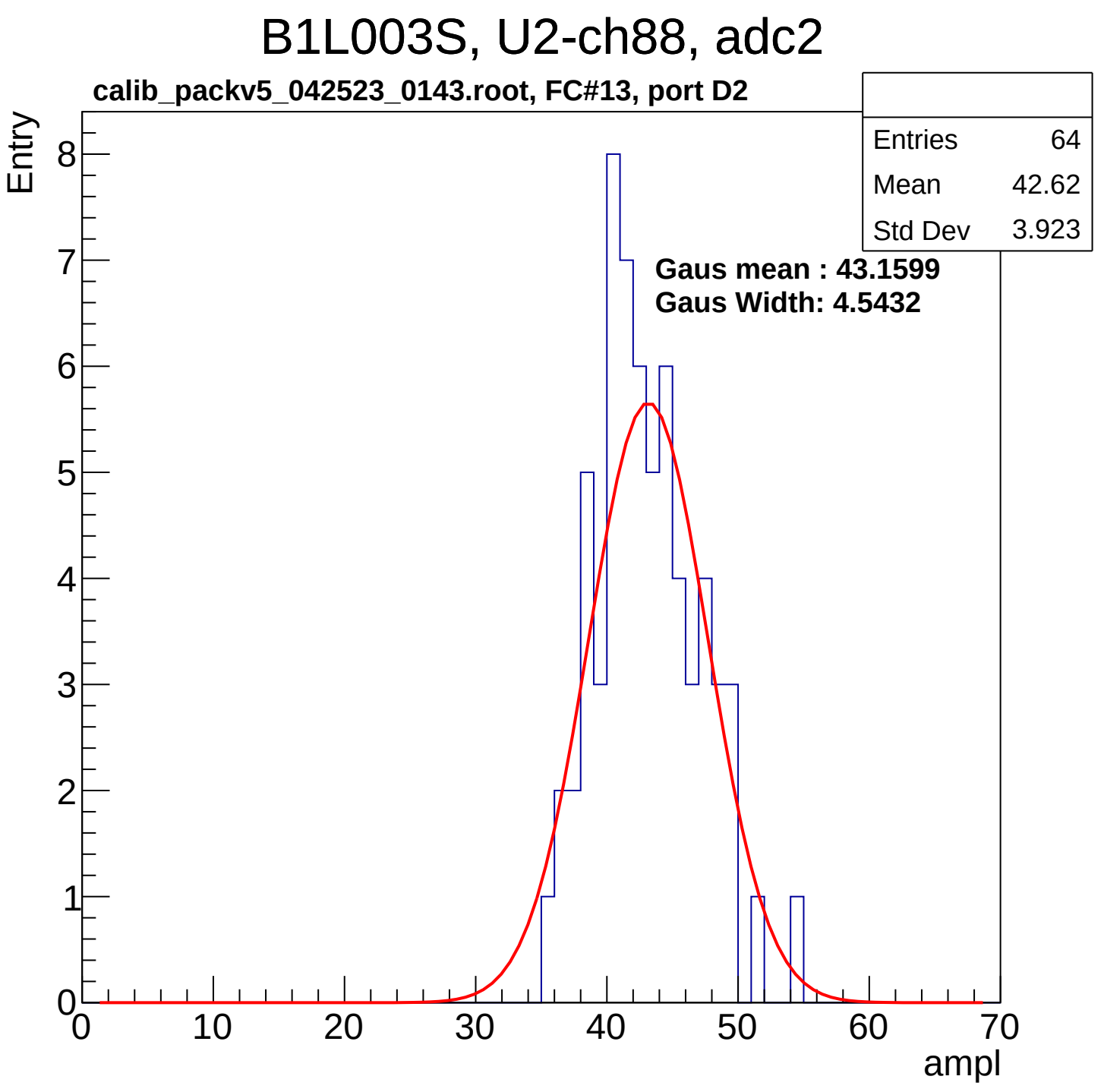
B1L003S, U2-ch88, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 42.62
Std Dev 3.923
Gaus mean : 43.1599
Gaus Width: 4.5432
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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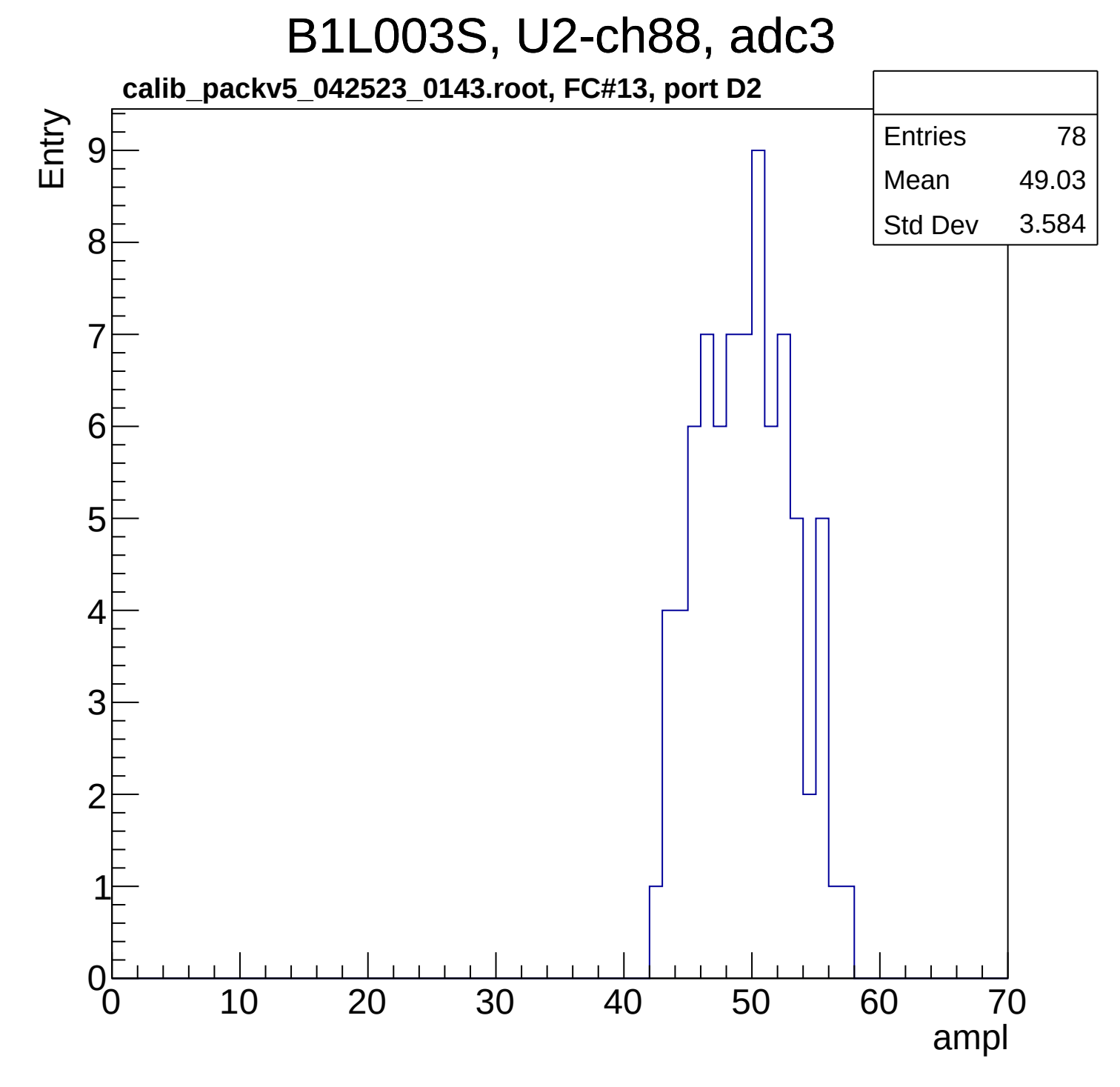
B1L003S, U2-ch88, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 49.03
Std Dev 3.584
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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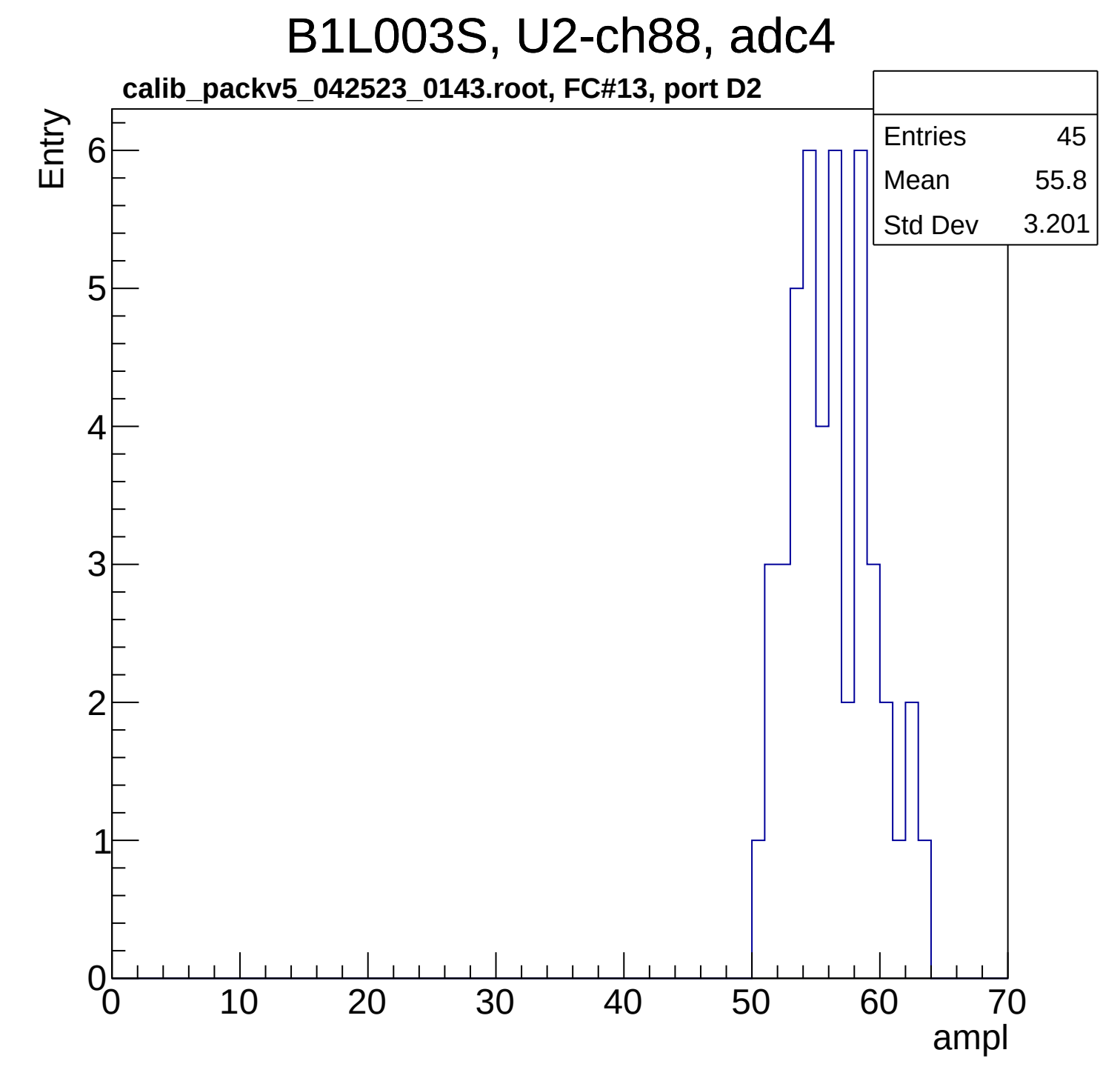
B1L003S, U2-ch88, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 55.8
Std Dev 3.201
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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40
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60
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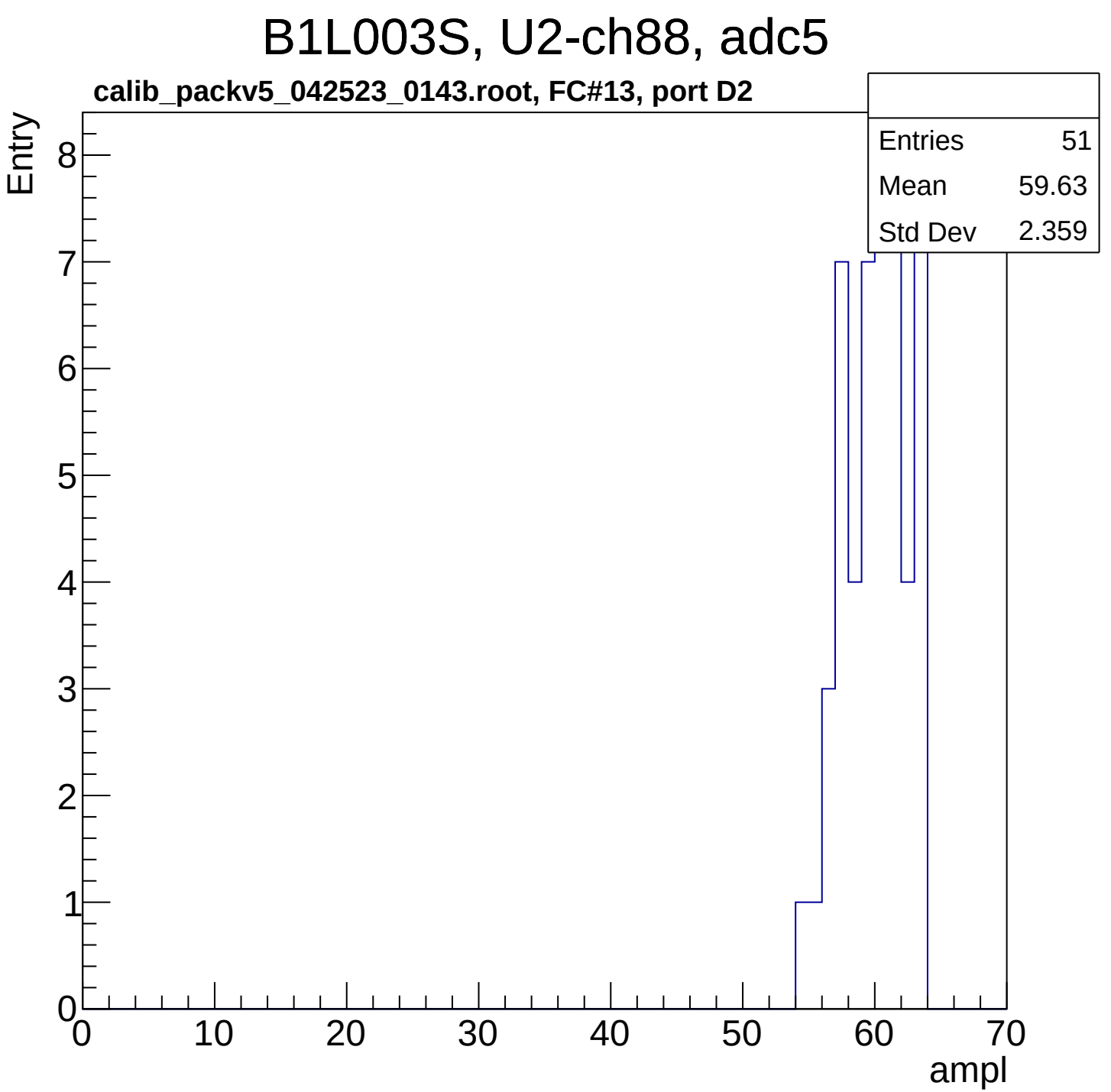
B1L003S, U2-ch88, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 59.63
Std Dev 2.359
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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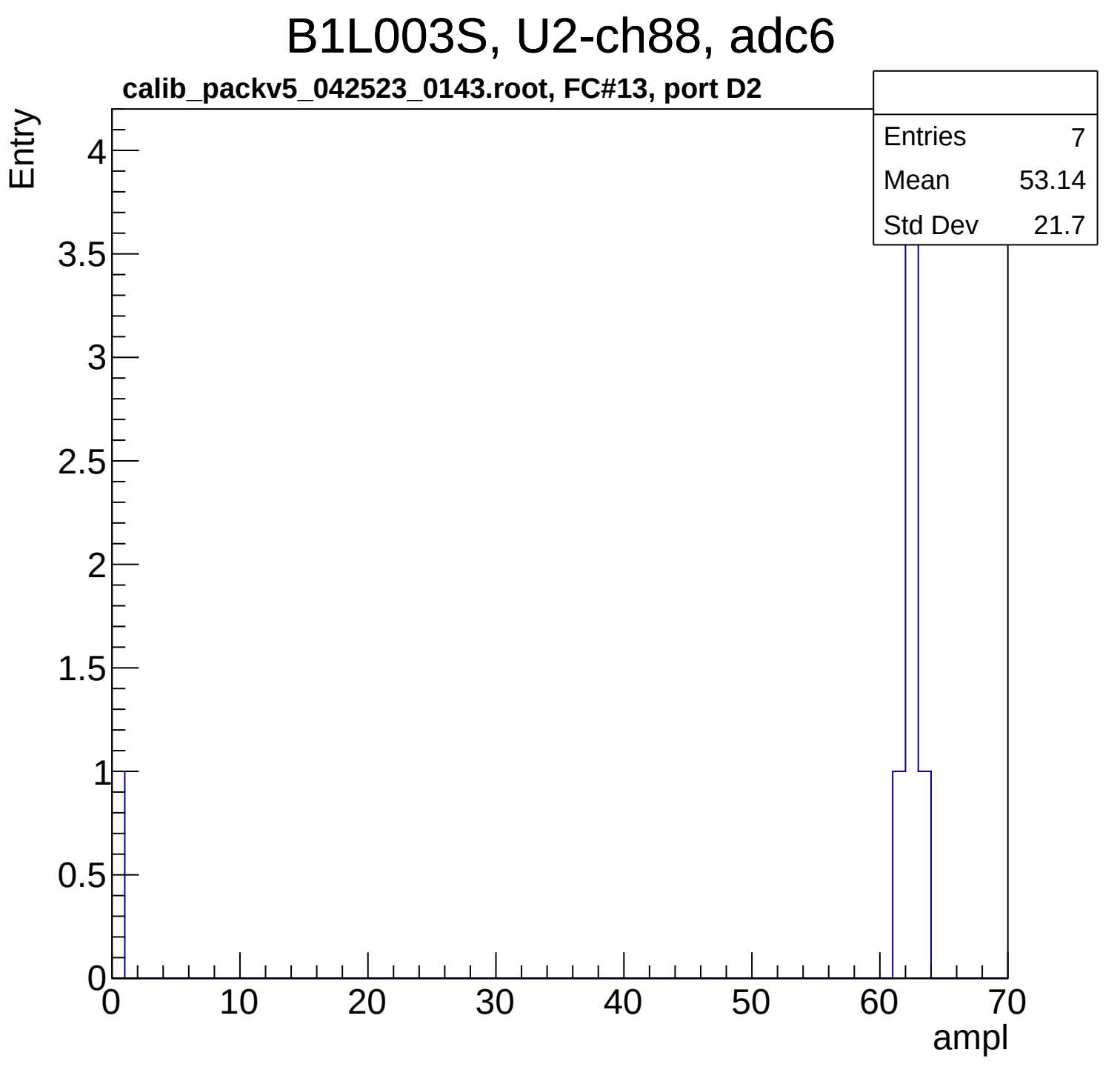
60
70


B1L003S, U2-ch88, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 53.14
Std Dev 21.7
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
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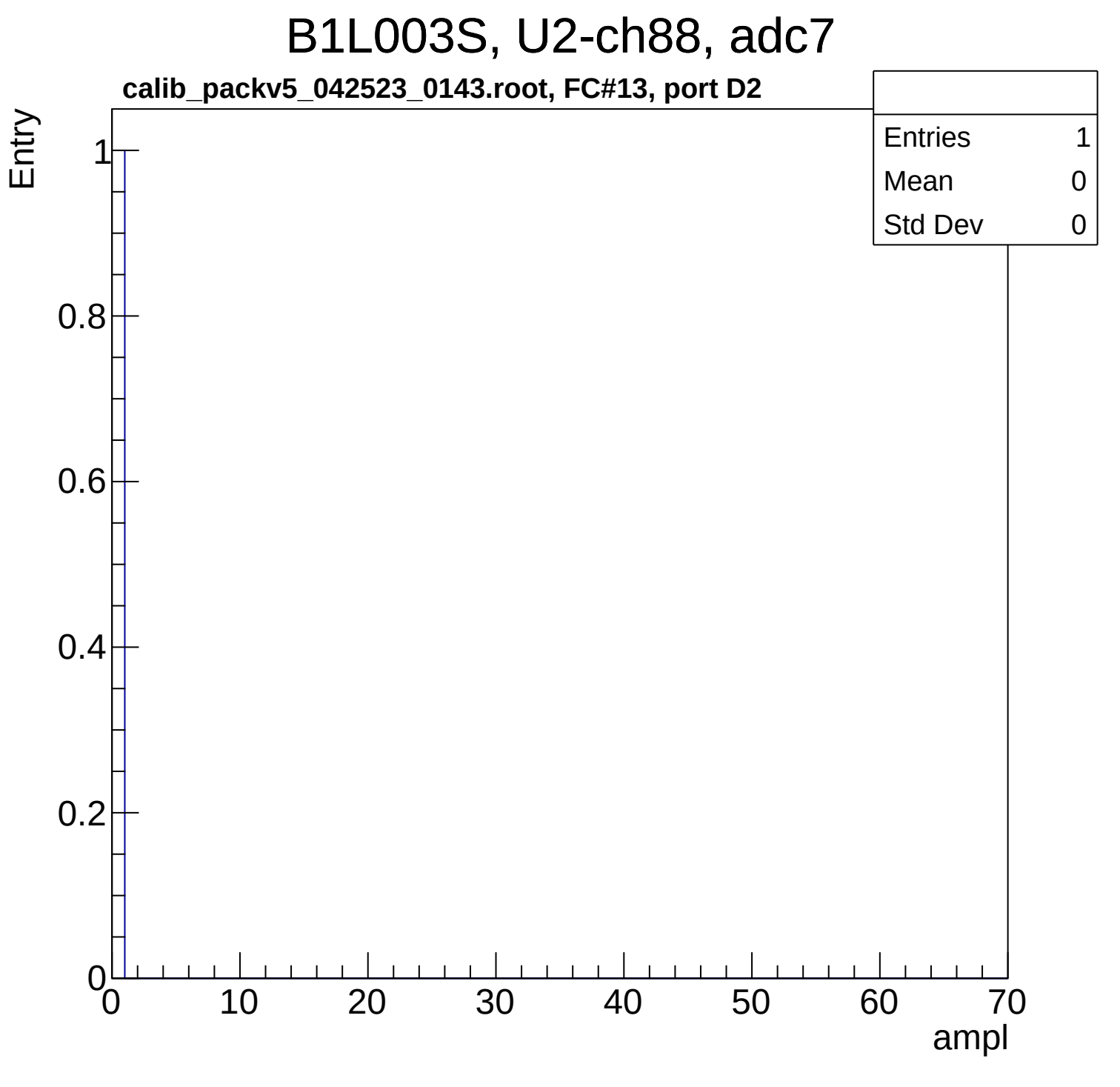
50
60
70
ampl


B1L003S, U2-ch88, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
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20
30
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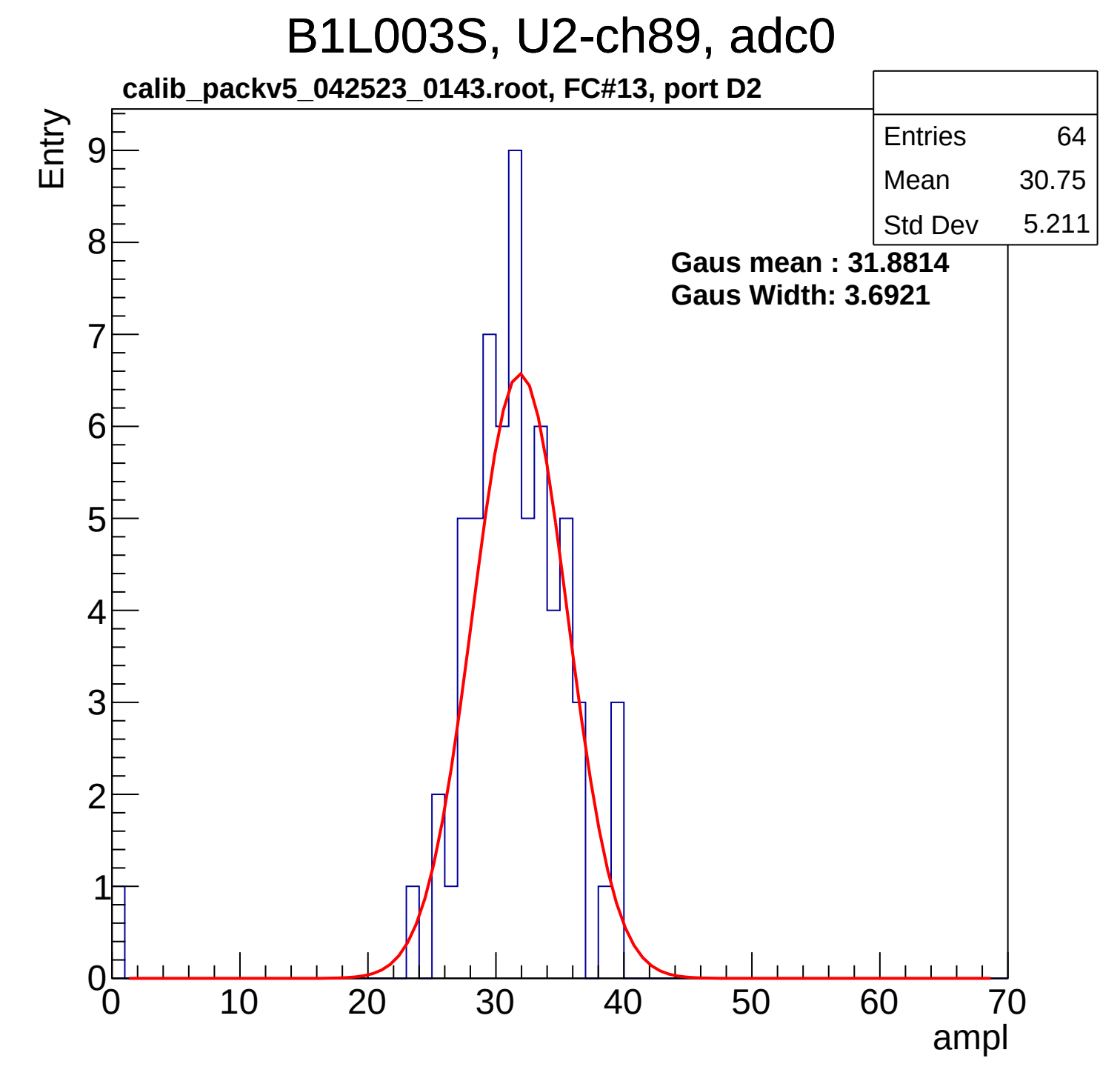
50
60
70
ampl


B1L003S, U2-ch89, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 30.75
Std Dev 5.211
Gaus mean : 31.8814
Gaus Width: 3.6921
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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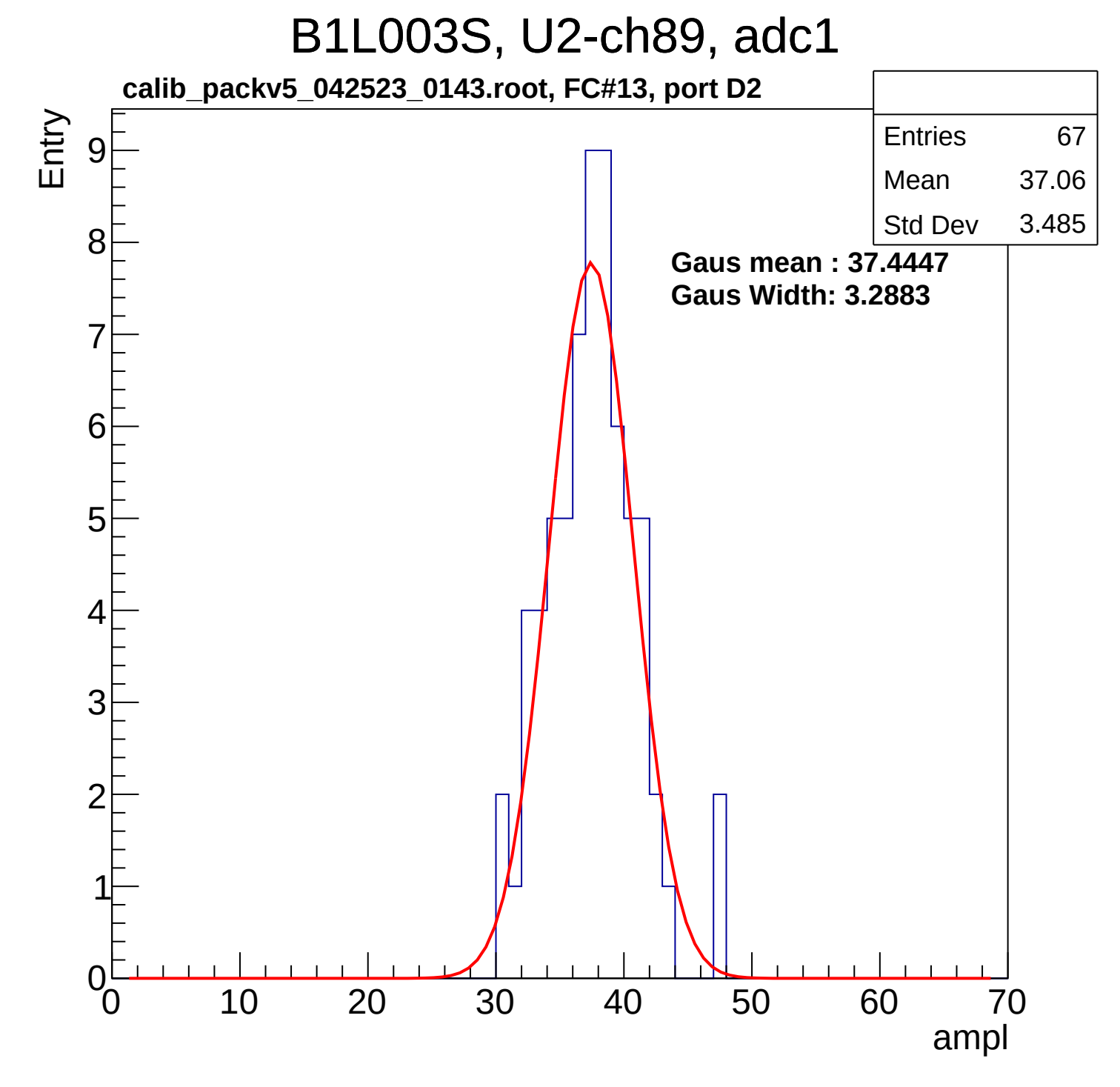
B1L003S, U2-ch89, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 37.06
Std Dev 3.485
Gaus mean : 37.4447
Gaus Width: 3.2883
Entry
ampl
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2
3
4
5
6
7
8
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0
10
20
30
40
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60
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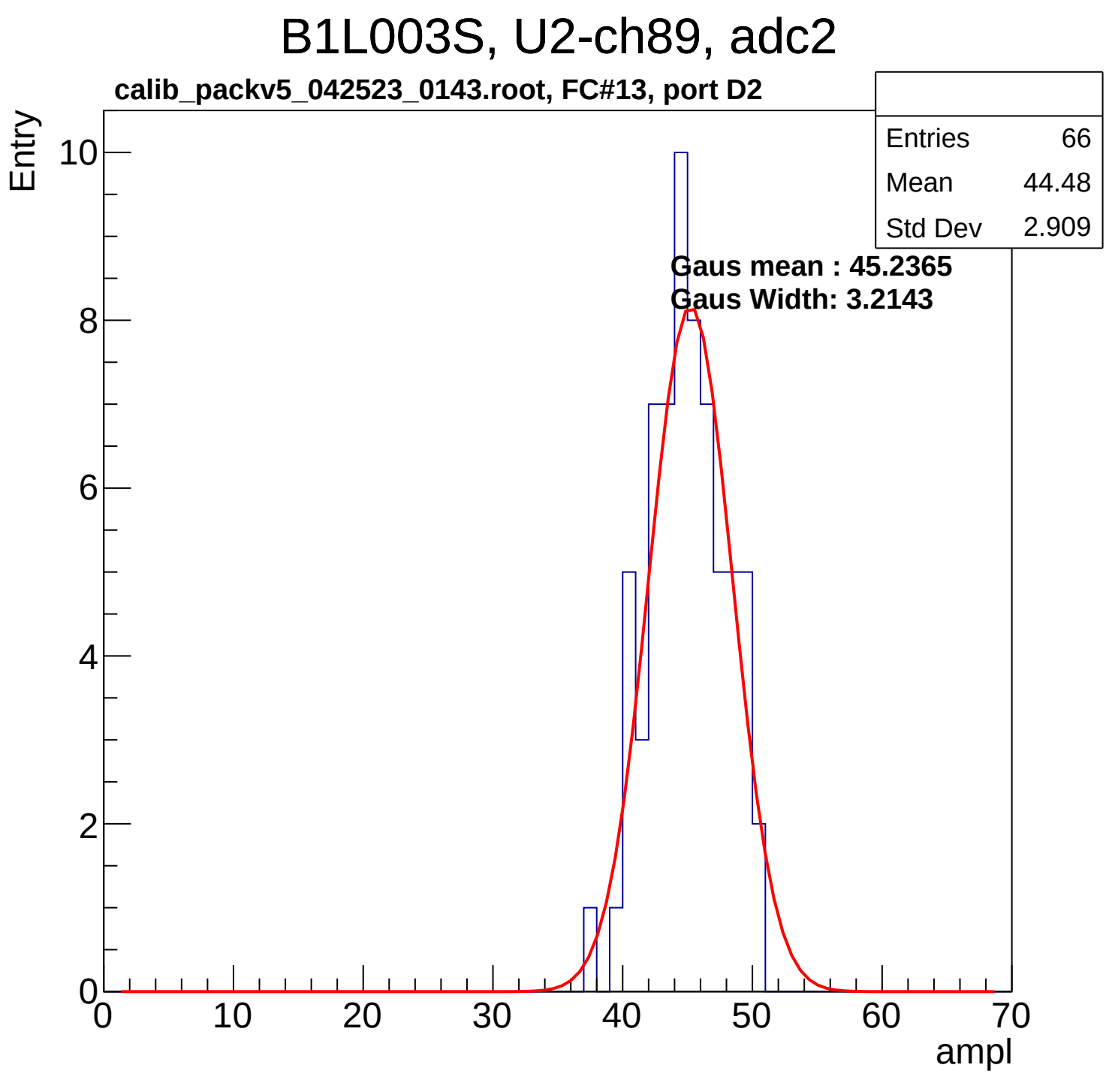
B1L003S, U2-ch89, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 44.48
Std Dev 2.909
Gaus mean : 45.2365
Gaus Width: 3.2143
Entry
ampl
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6
8
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0
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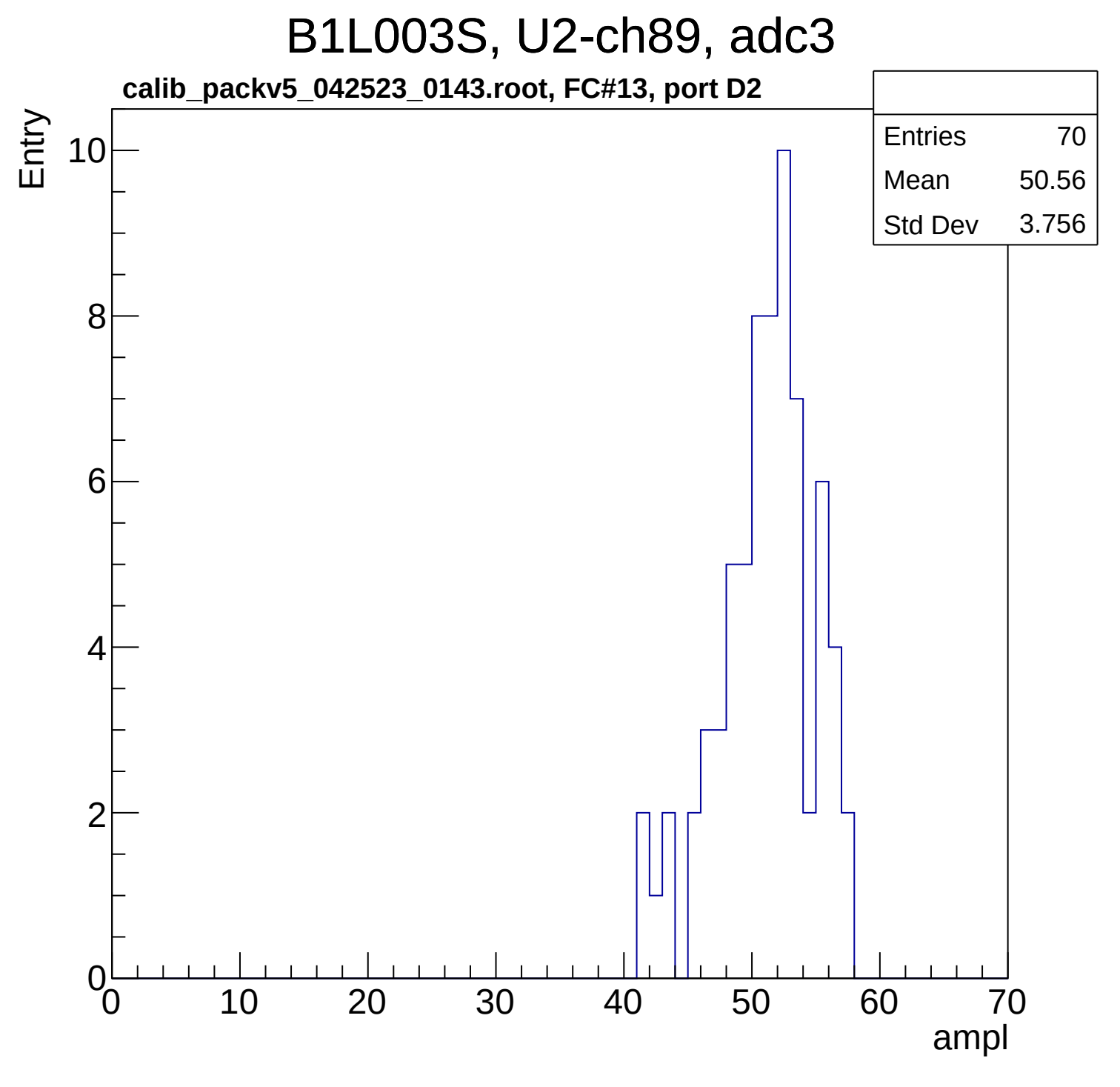
30
40
50
60
70


B1L003S, U2-ch89, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 50.56
Std Dev 3.756
Entry
ampl
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60
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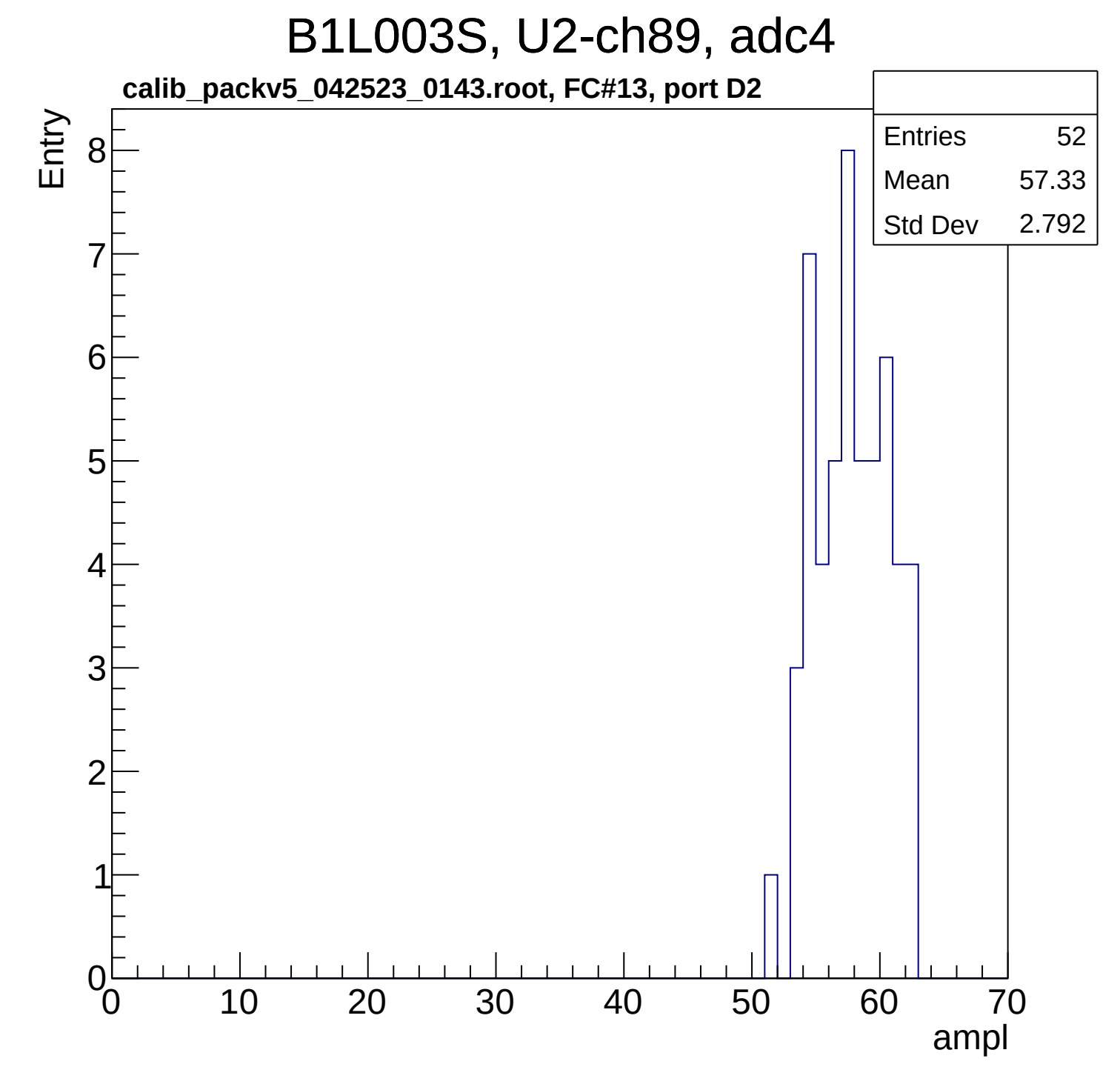
B1L003S, U2-ch89, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 57.33
Std Dev 2.792
Entry
ampl
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60
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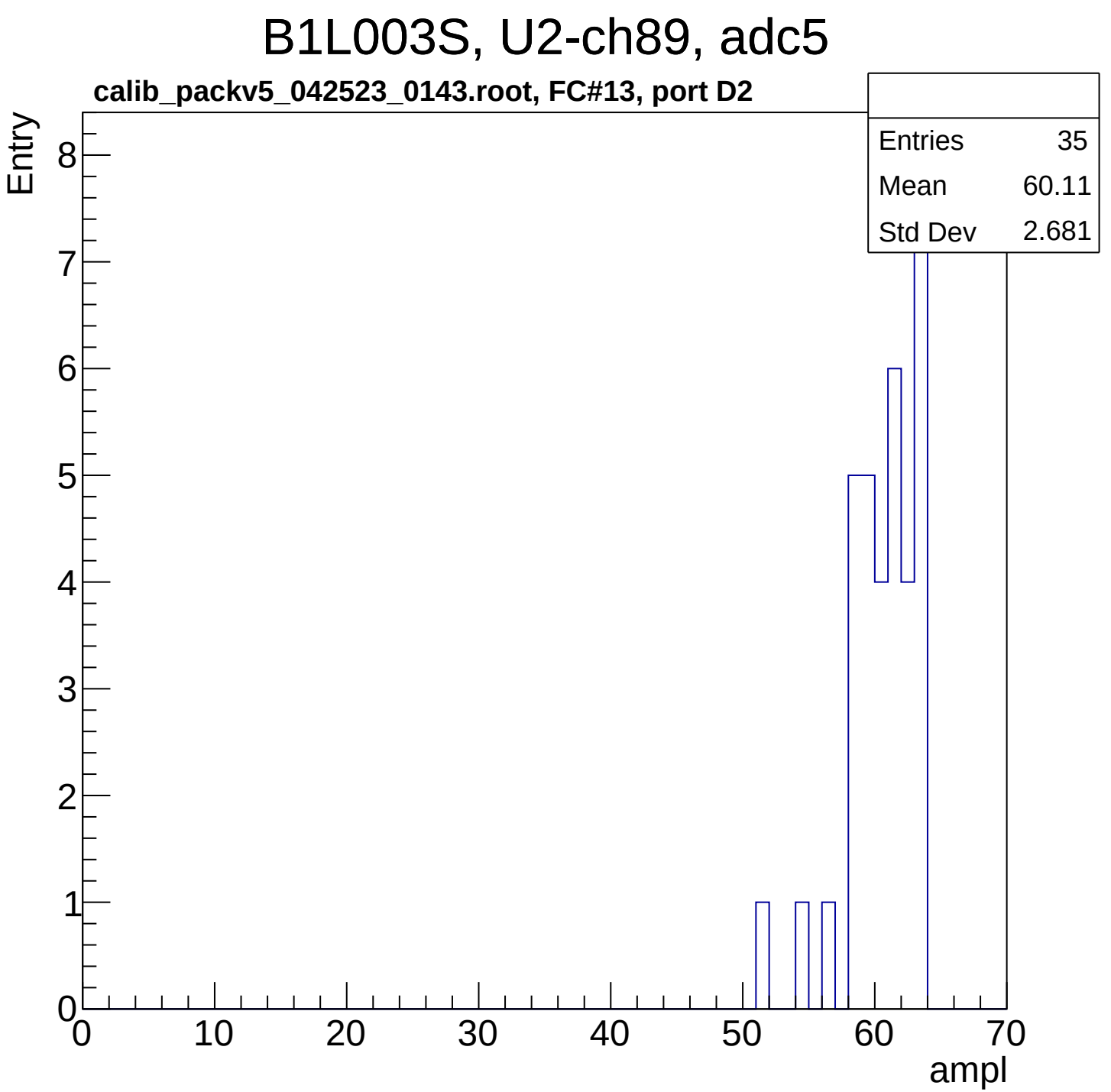
B1L003S, U2-ch89, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 60.11
Std Dev 2.681
Entry
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2
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6
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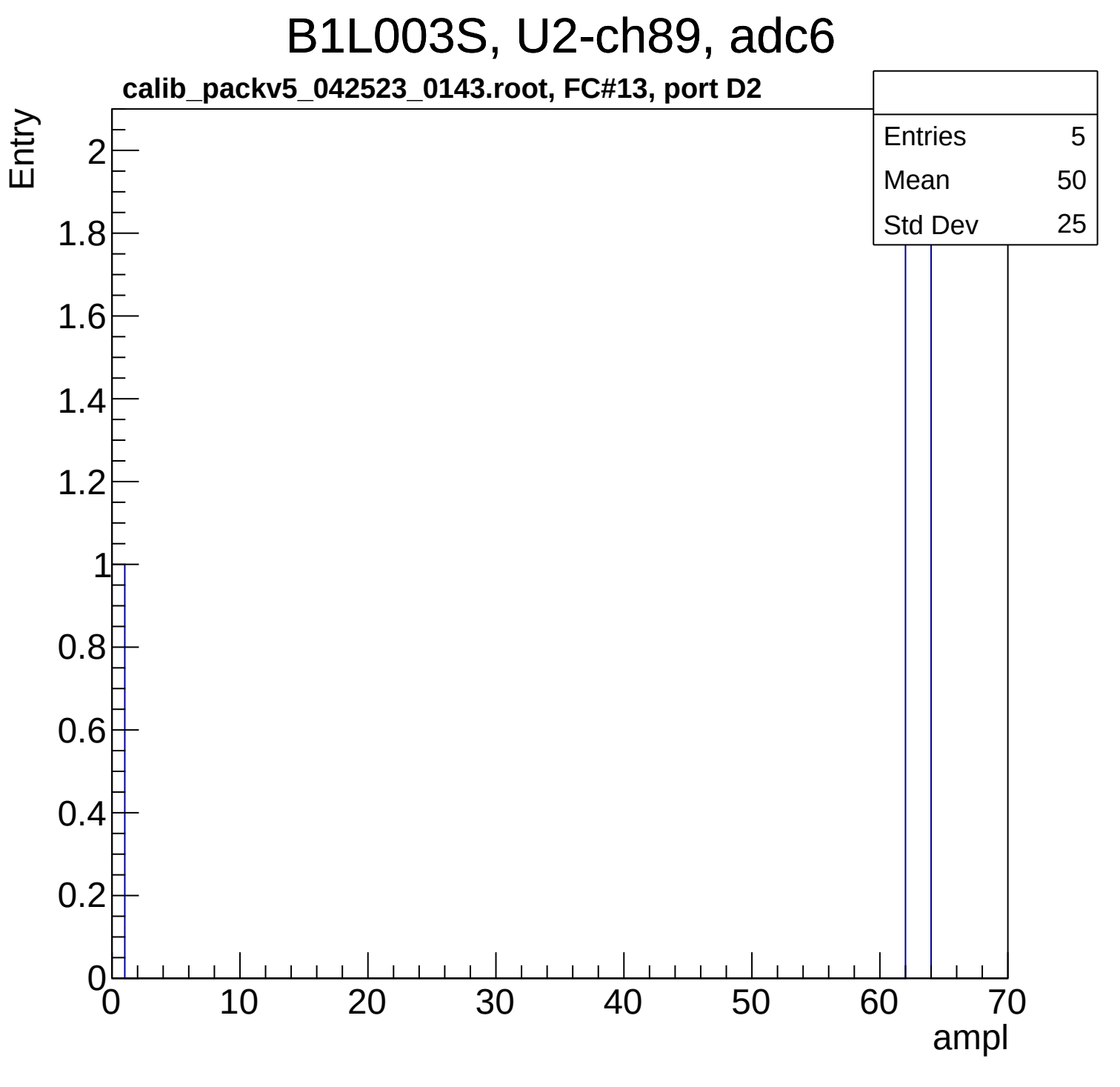
50
60
70
ampl


B1L003S, U2-ch89, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 50
Std Dev 25
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
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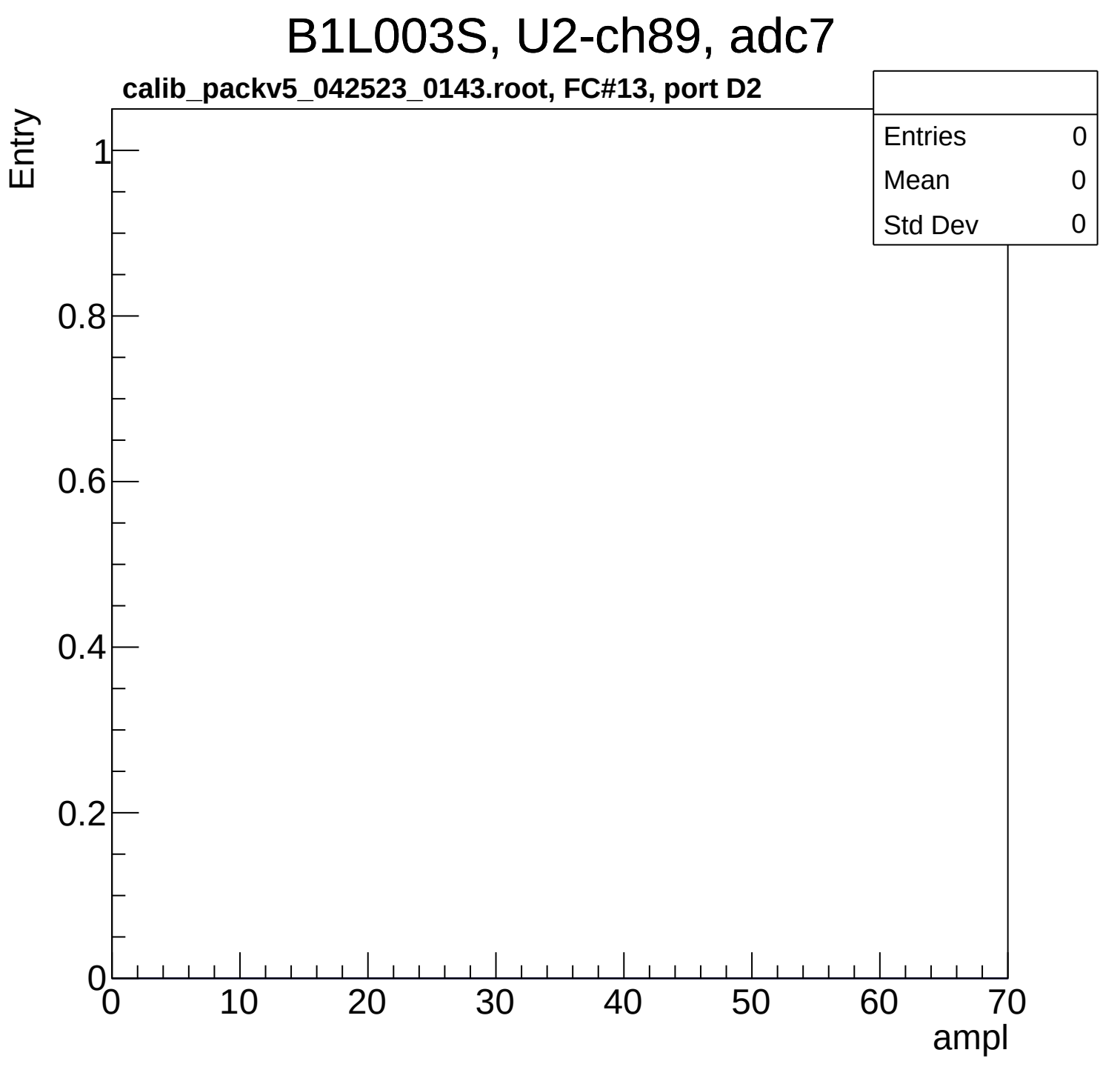
B1L003S, U2-ch89, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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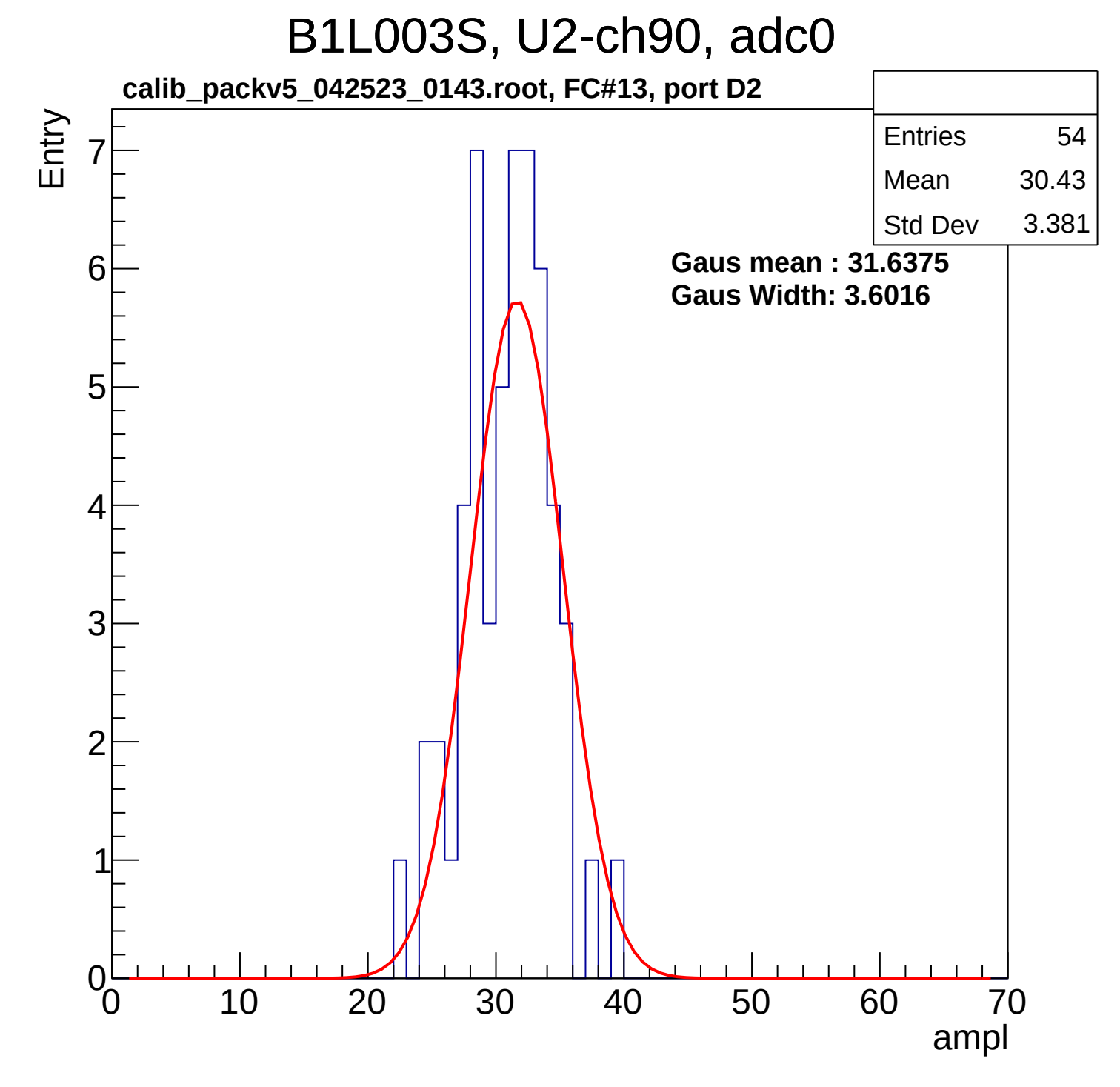
50
60
70
ampl


B1L003S, U2-ch90, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 30.43
Std Dev 3.381
Gaus mean : 31.6375
Gaus Width: 3.6016
Entry
ampl
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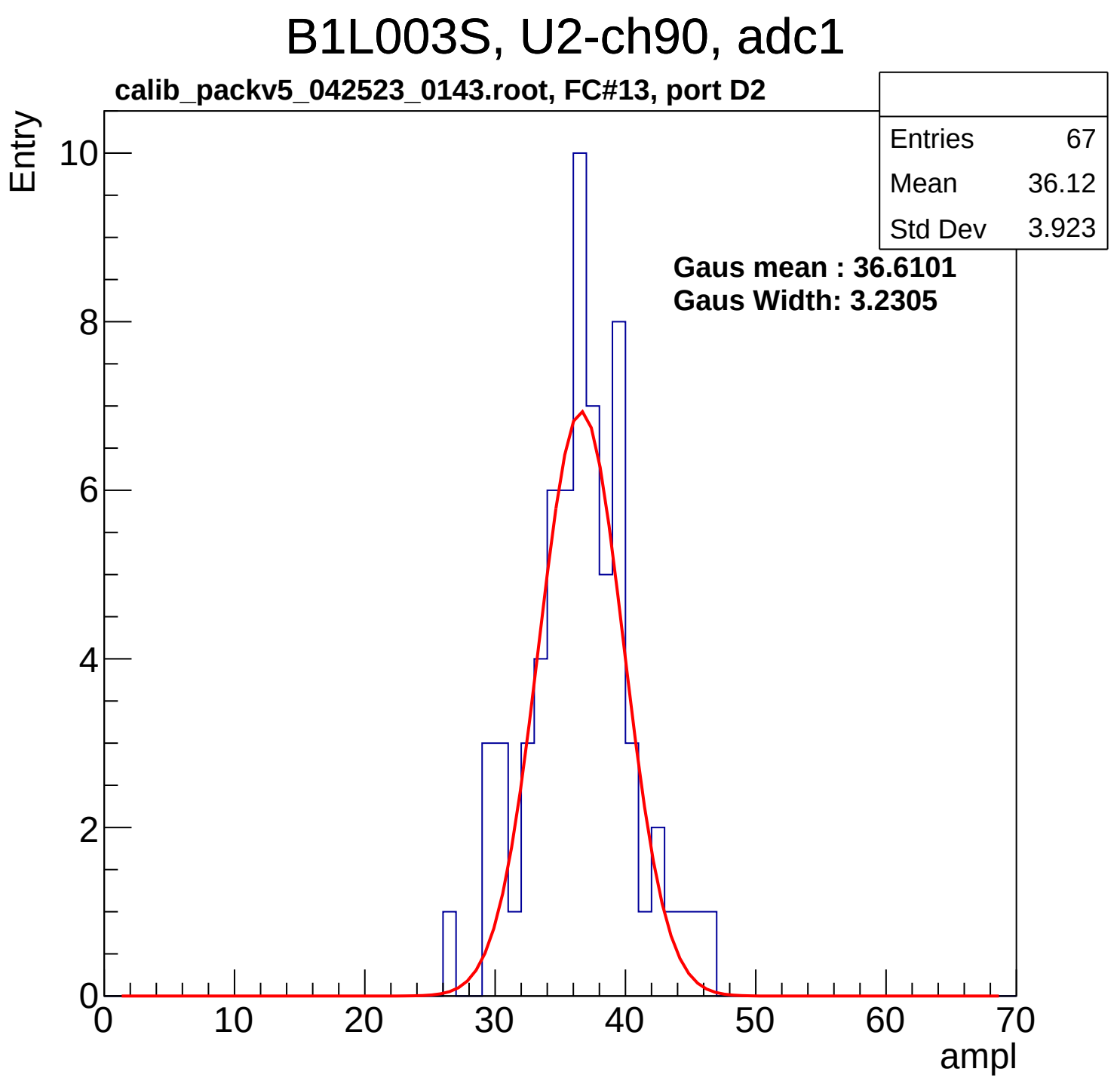
B1L003S, U2-ch90, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 36.12
Std Dev 3.923
Gaus mean : 36.6101
Gaus Width: 3.2305
Entry
ampl
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0
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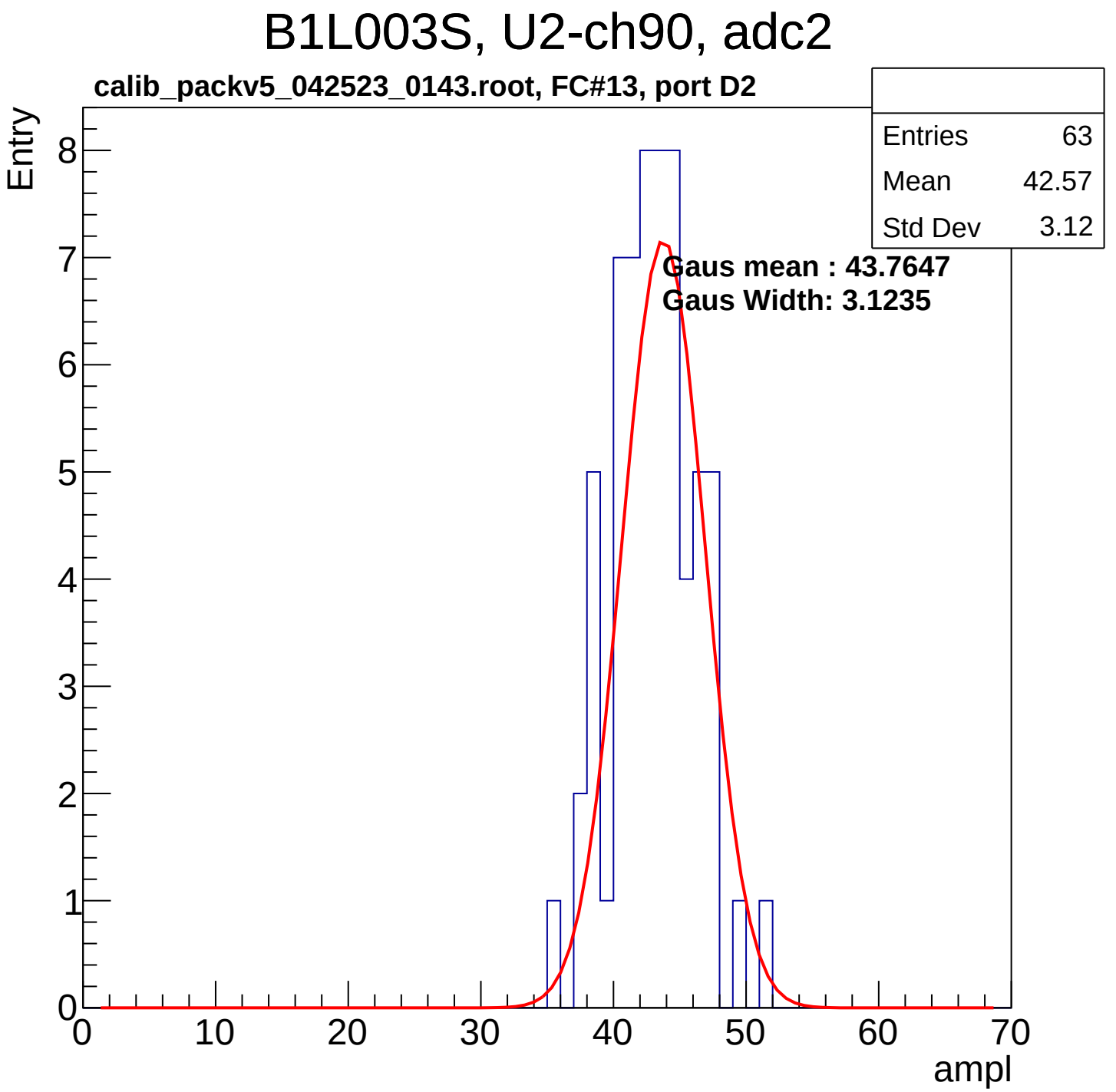
B1L003S, U2-ch90, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 42.57
Std Dev 3.12
Gaus mean : 43.7647
Gaus Width: 3.1235
Entry
ampl
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5
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0
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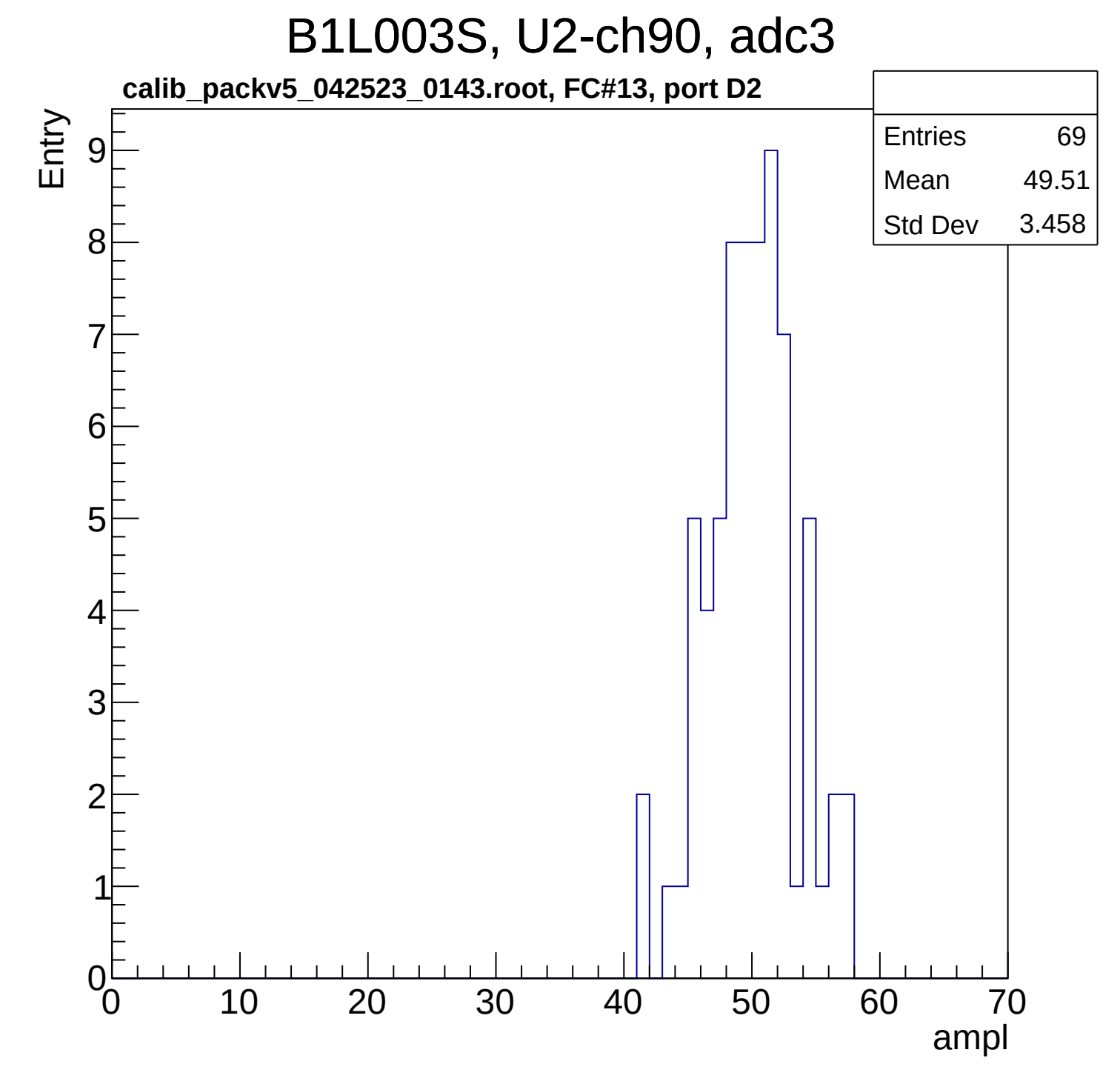
B1L003S, U2-ch90, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 49.51
Std Dev 3.458
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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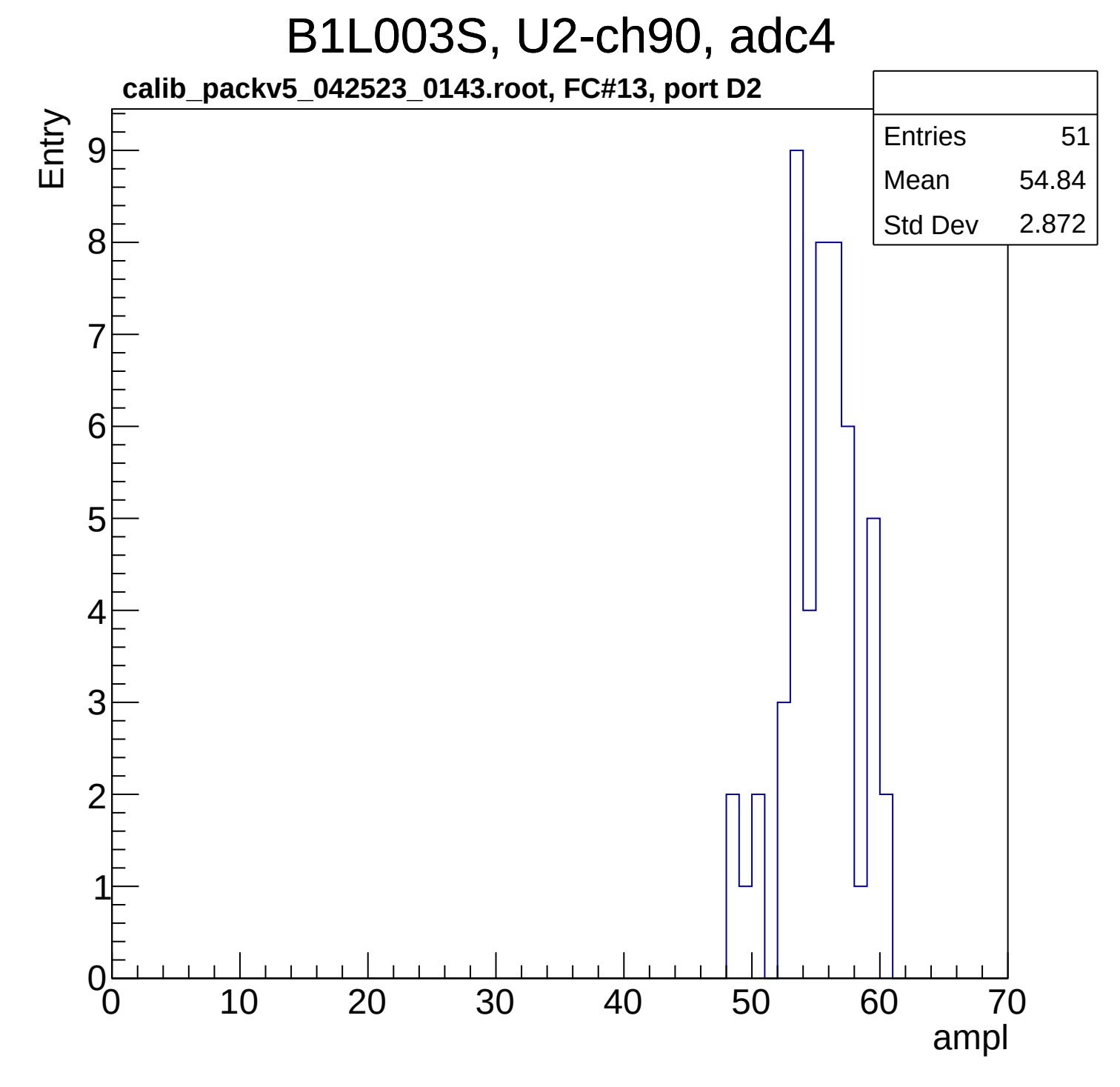
B1L003S, U2-ch90, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 54.84
Std Dev 2.872
Entry
ampl
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1
2
3
4
5
6
7
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9
0
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60
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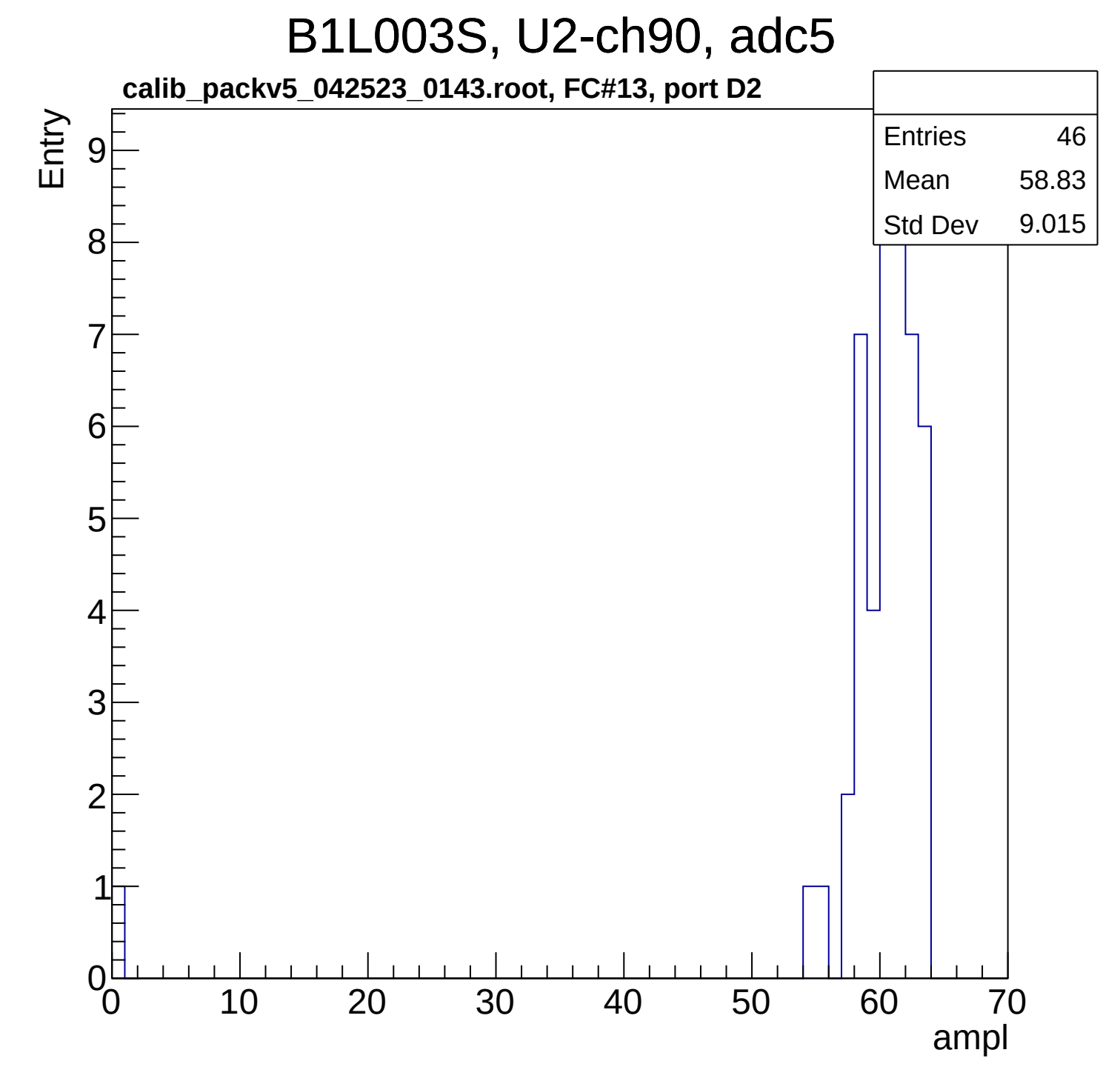
B1L003S, U2-ch90, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 58.83
Std Dev 9.015
Entry
ampl
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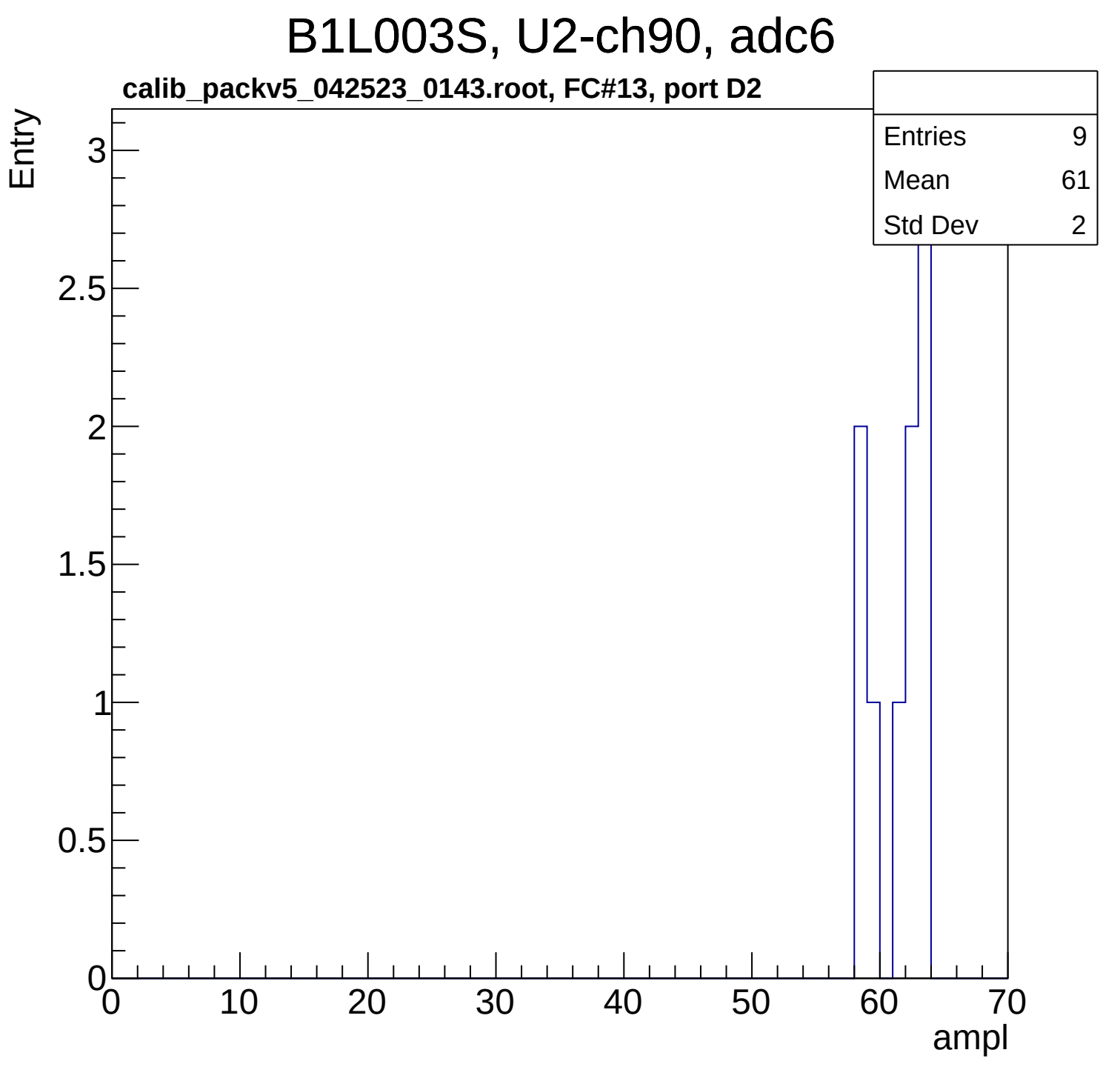
B1L003S, U2-ch90, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61
Std Dev 2
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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40
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60
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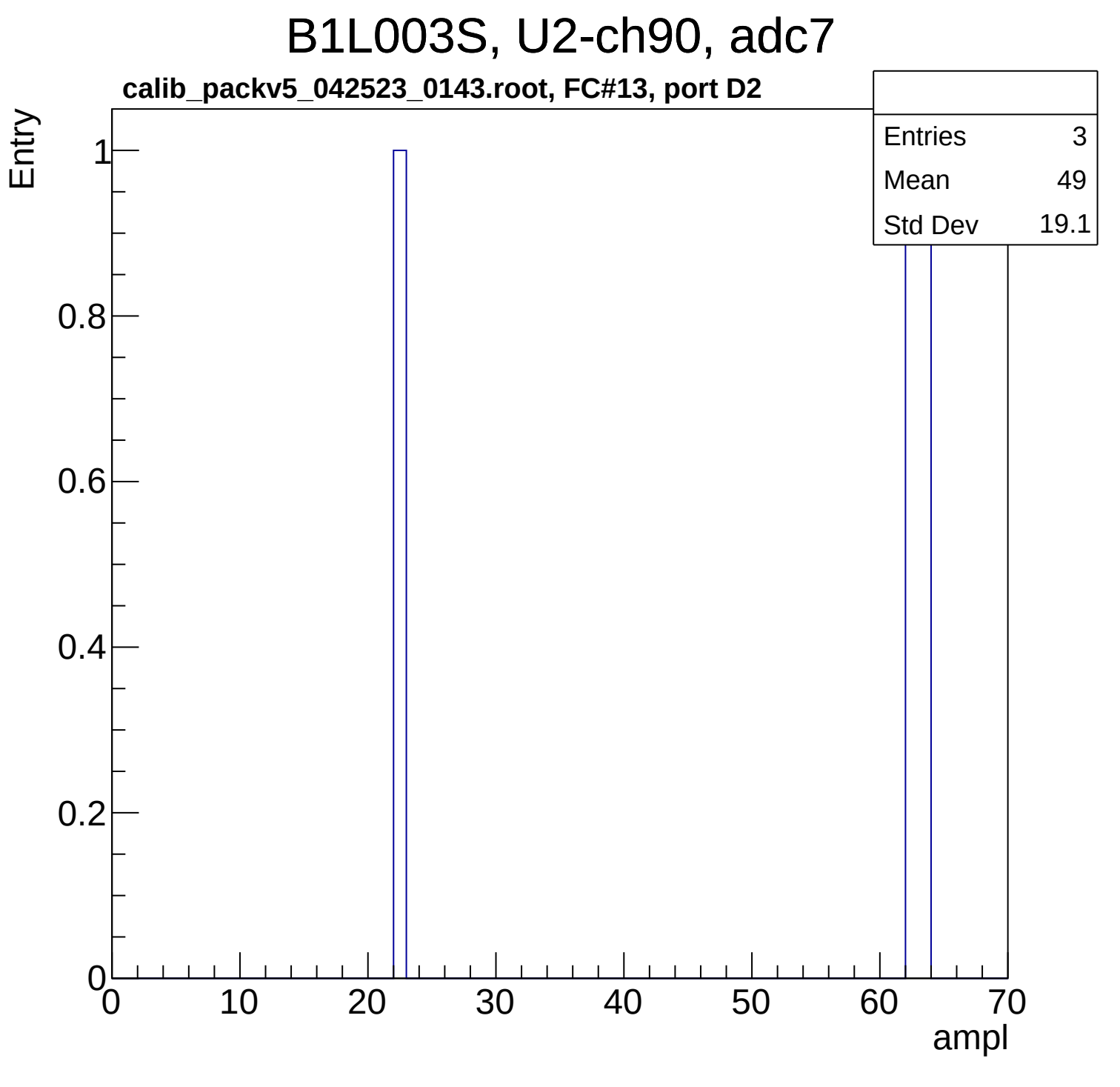
B1L003S, U2-ch90, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 49
Std Dev 19.1
Entry
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0.6
0.4
0.2
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10
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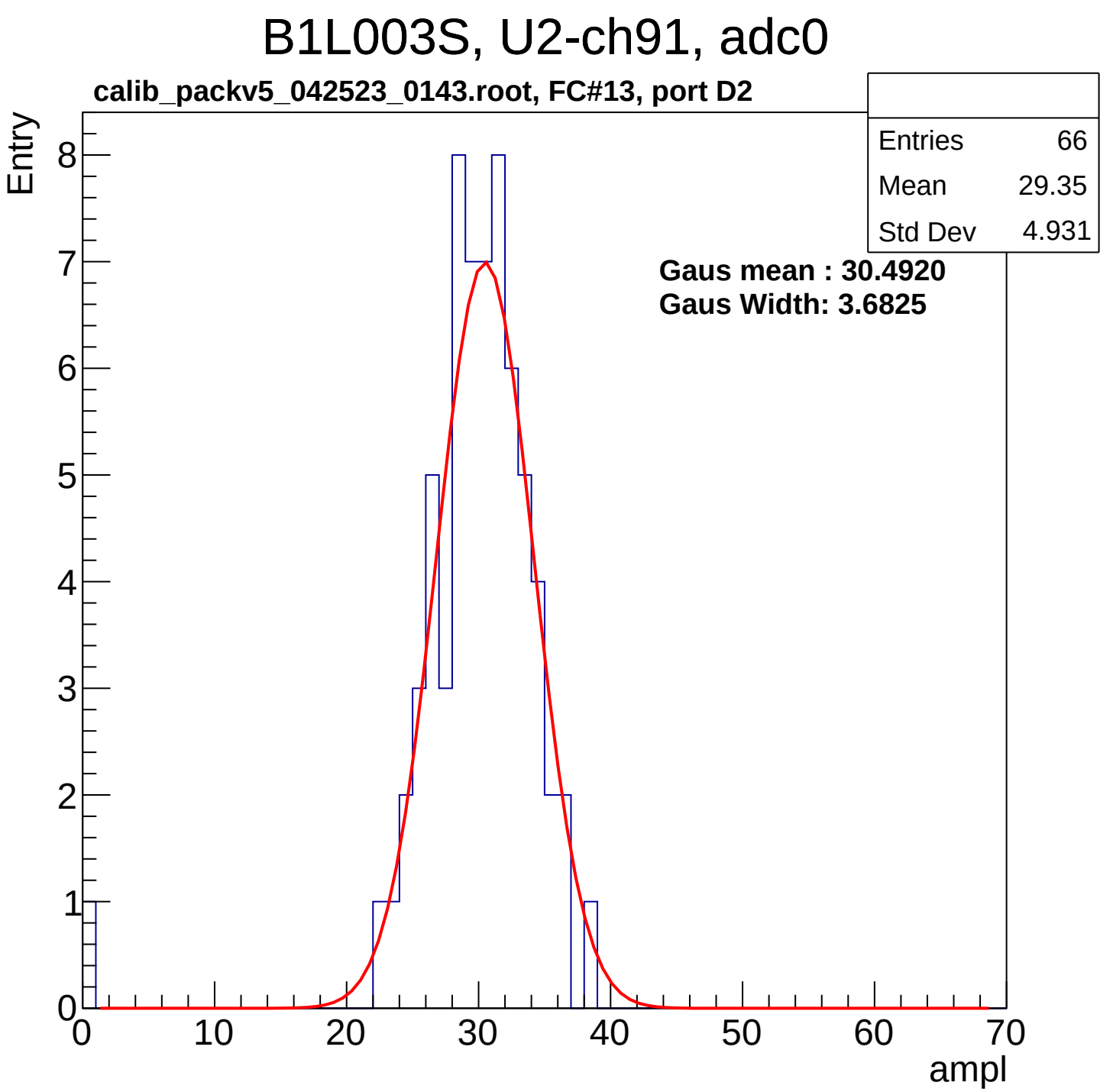
60
70
ampl


B1L003S, U2-ch91, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 29.35
Std Dev 4.931
Gaus mean : 30.4920
Gaus Width: 3.6825
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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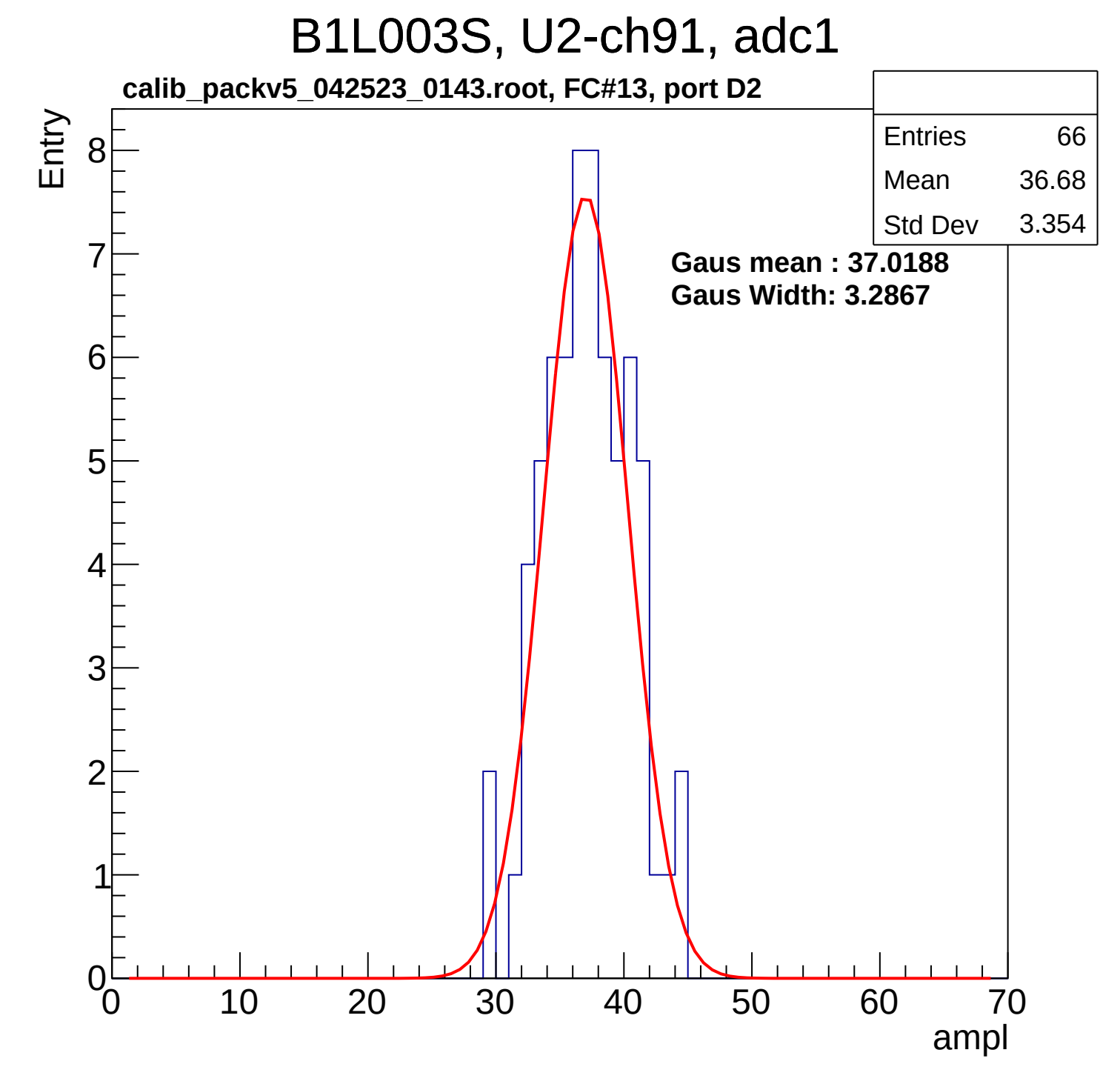
B1L003S, U2-ch91, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 36.68
Std Dev 3.354
Gaus mean : 37.0188
Gaus Width: 3.2867
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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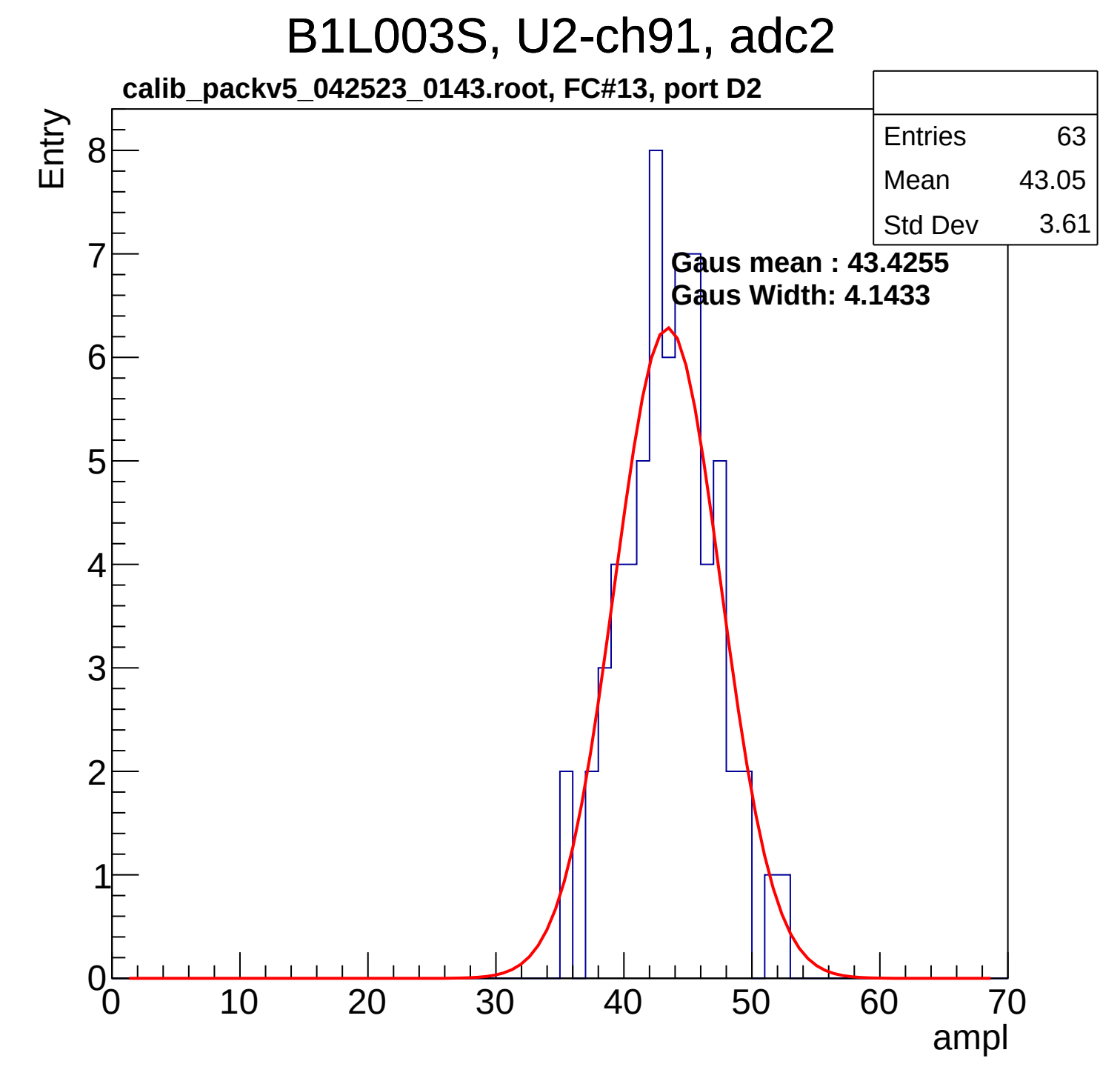
B1L003S, U2-ch91, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 43.05
Std Dev 3.61
Gaus mean : 43.4255
Gaus Width: 4.1433
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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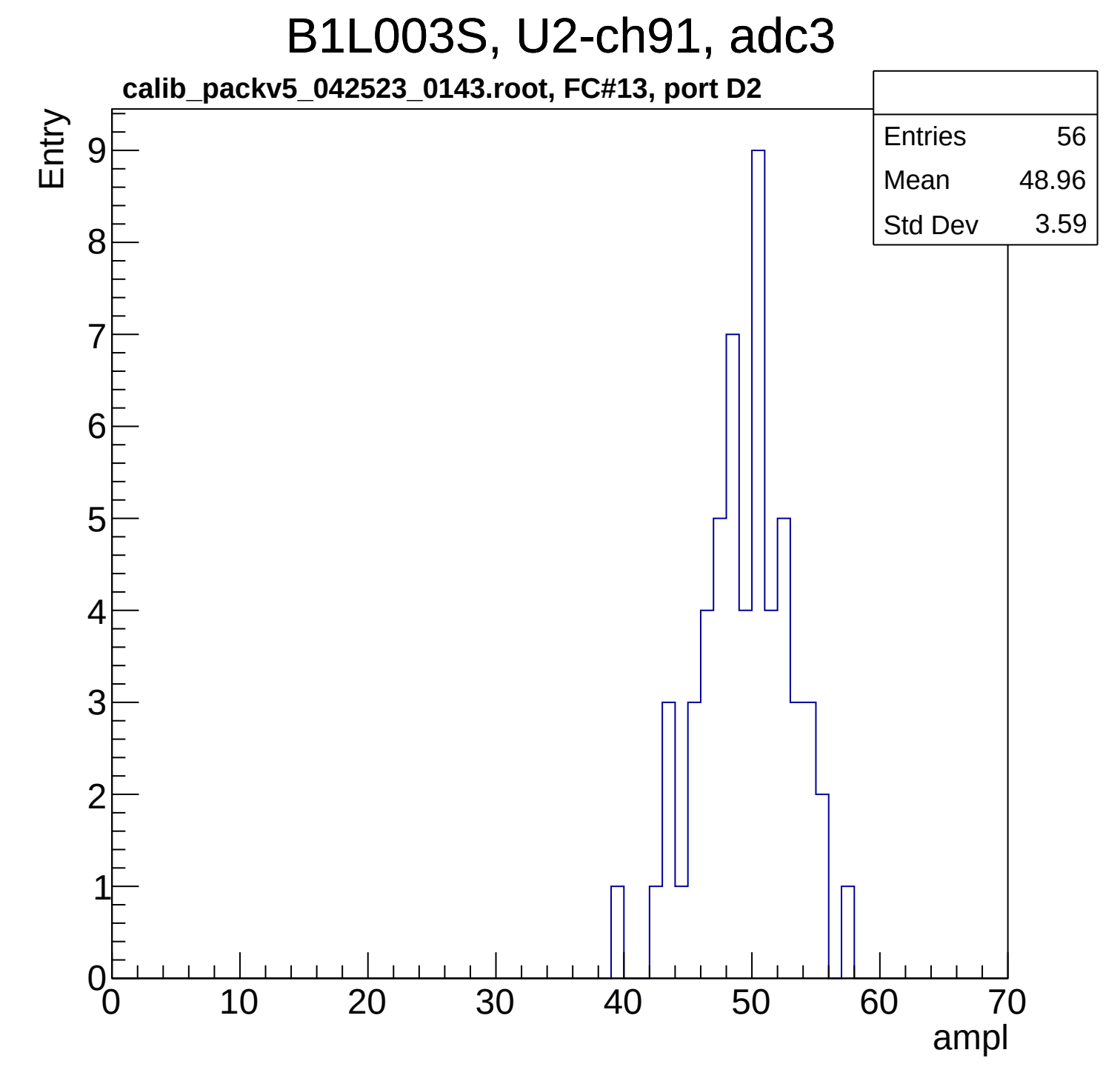
B1L003S, U2-ch91, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 48.96
Std Dev 3.59
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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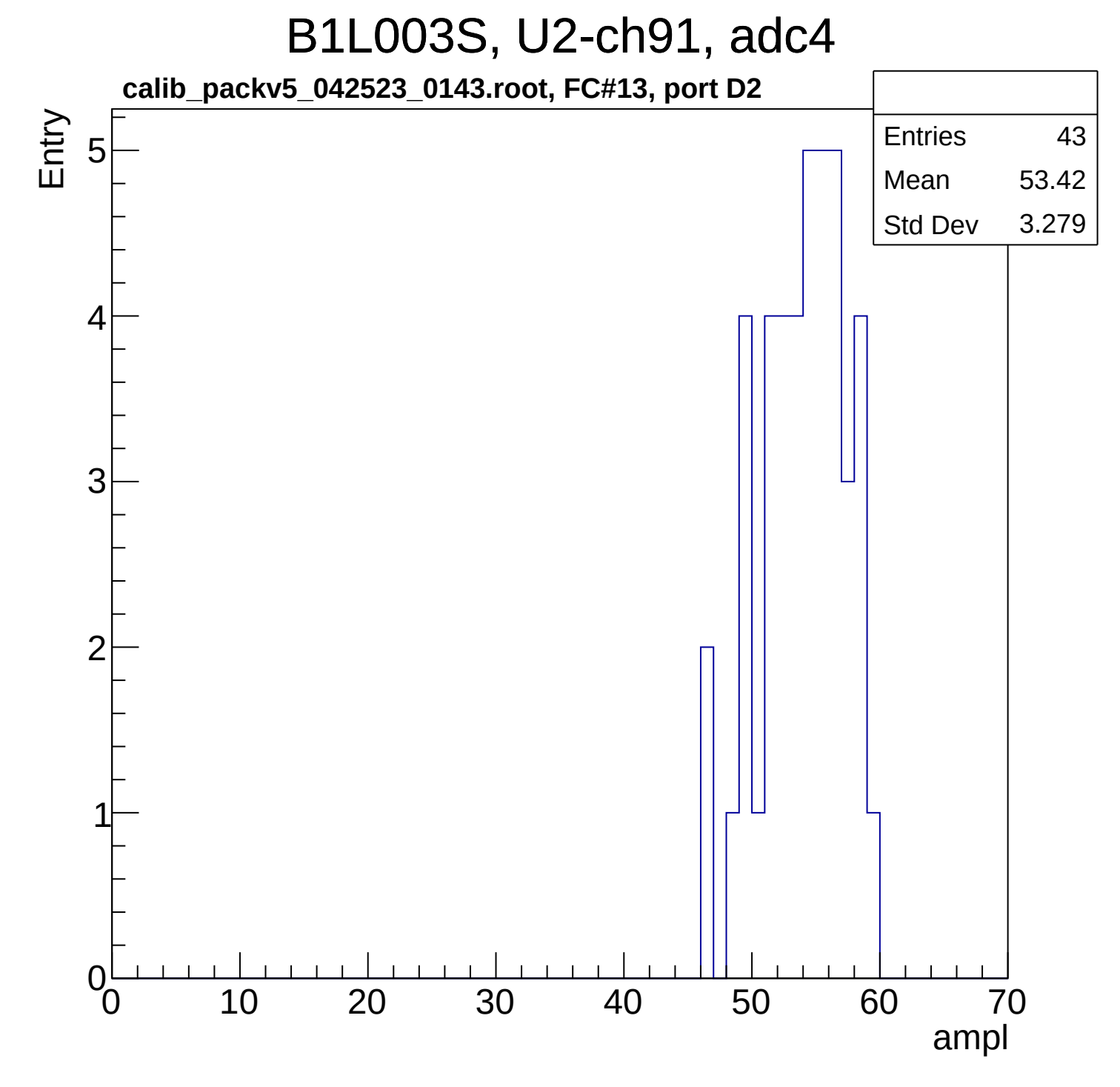
B1L003S, U2-ch91, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 53.42
Std Dev 3.279
Entry
ampl
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1
2
3
4
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0
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20
30
40
50
60
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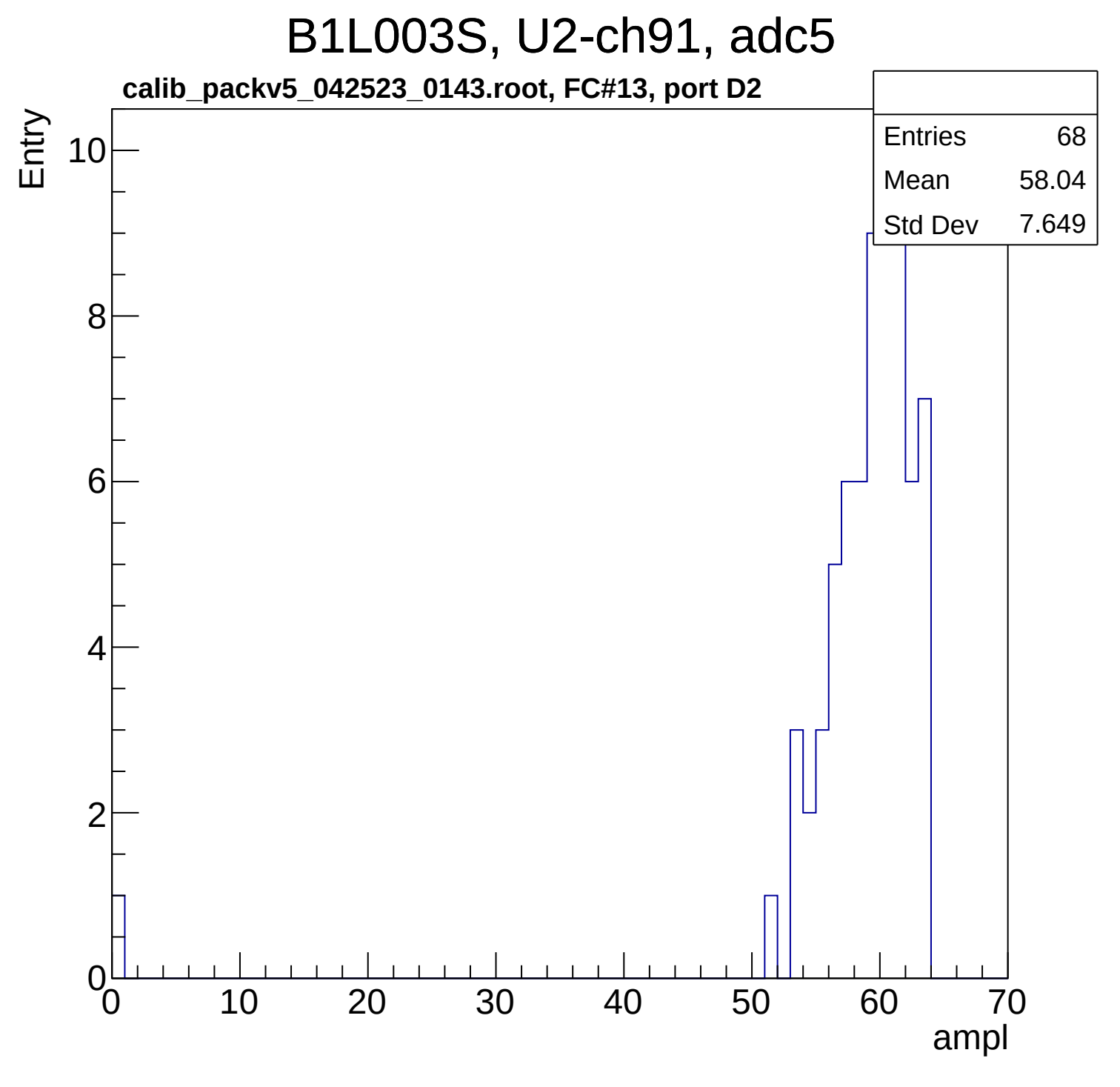
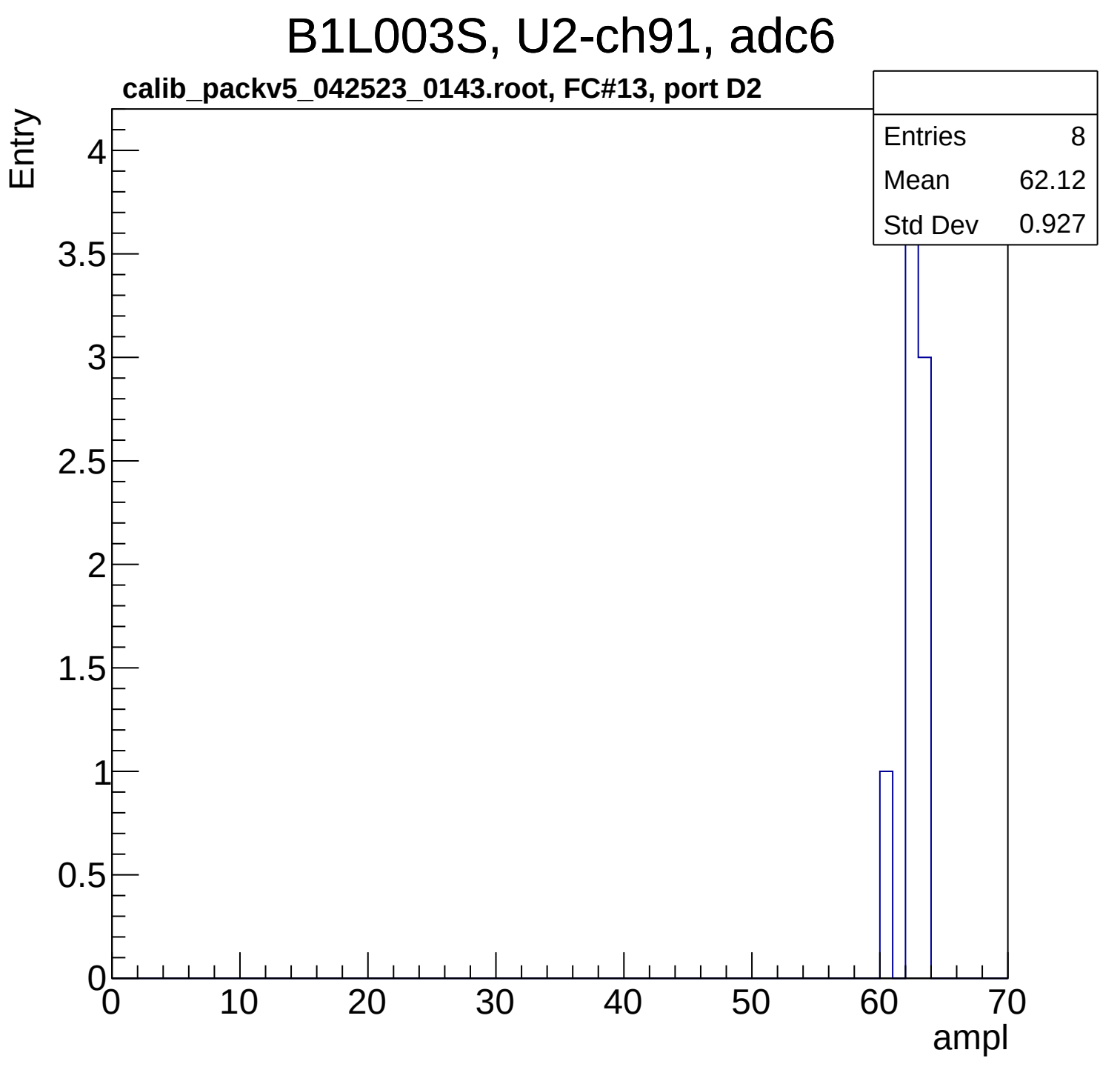

B1L003S, U2-ch91, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 58.04
Std Dev 7.649
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch91, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 62.12
Std Dev 0.927
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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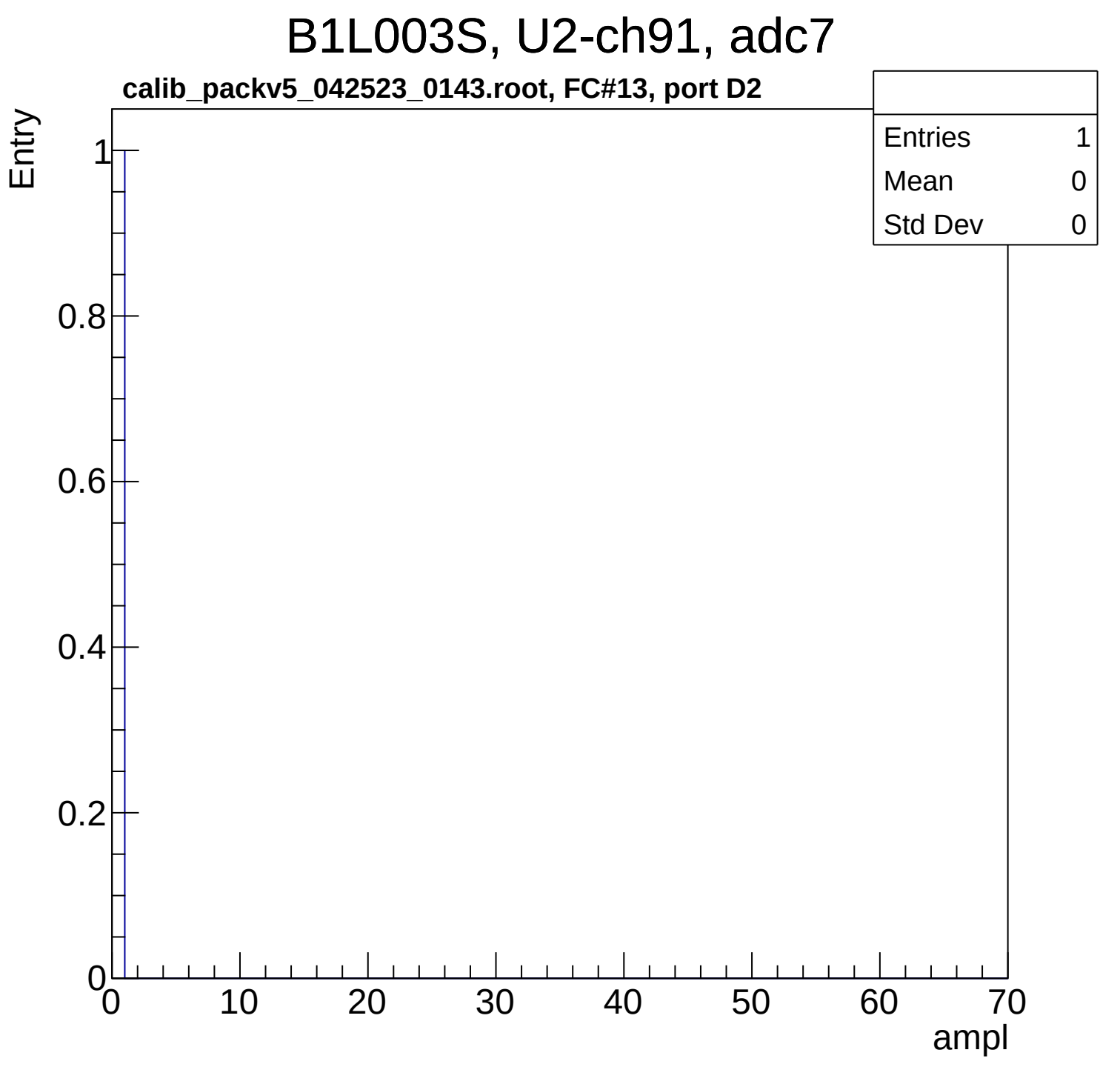
B1L003S, U2-ch91, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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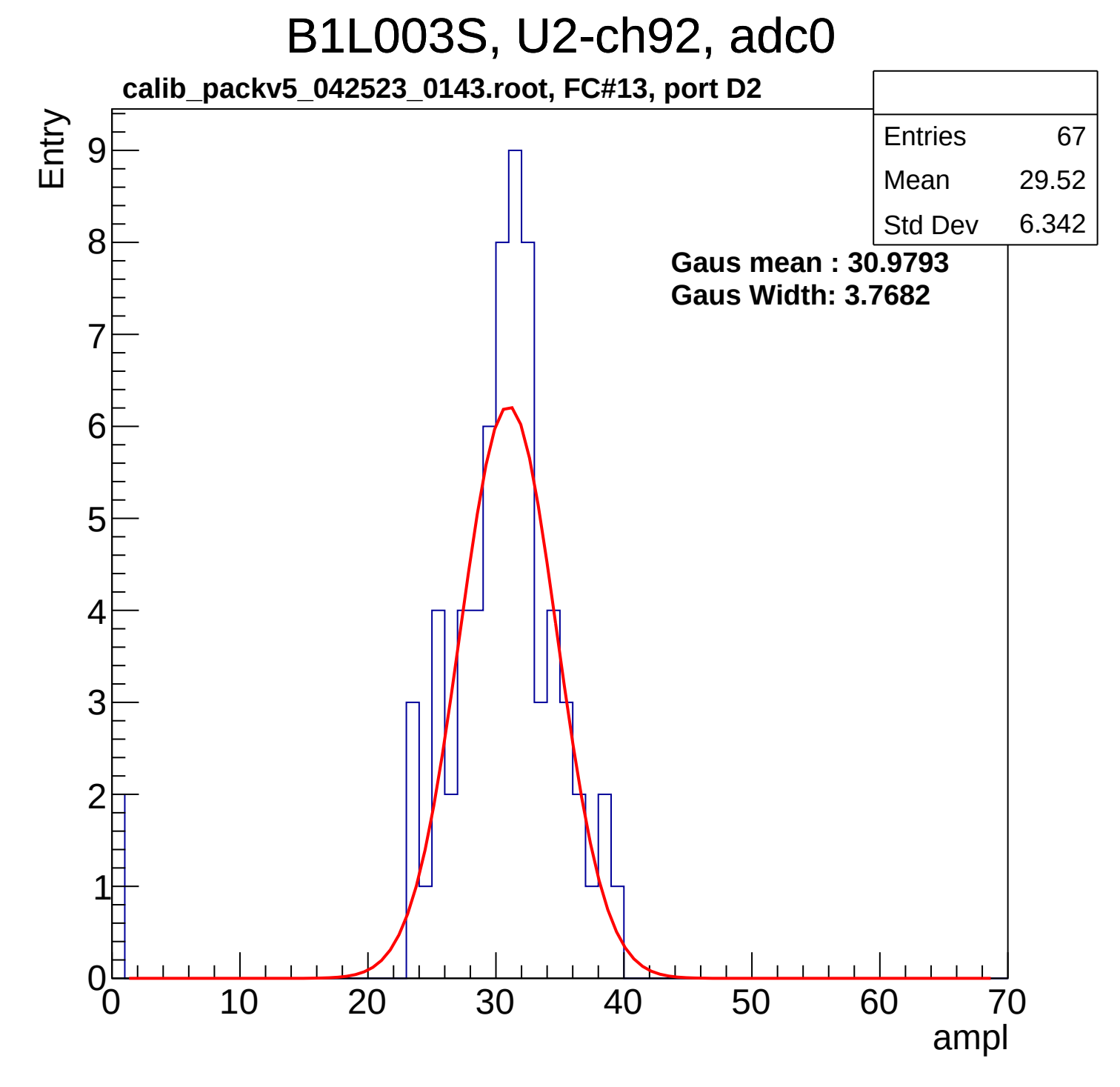
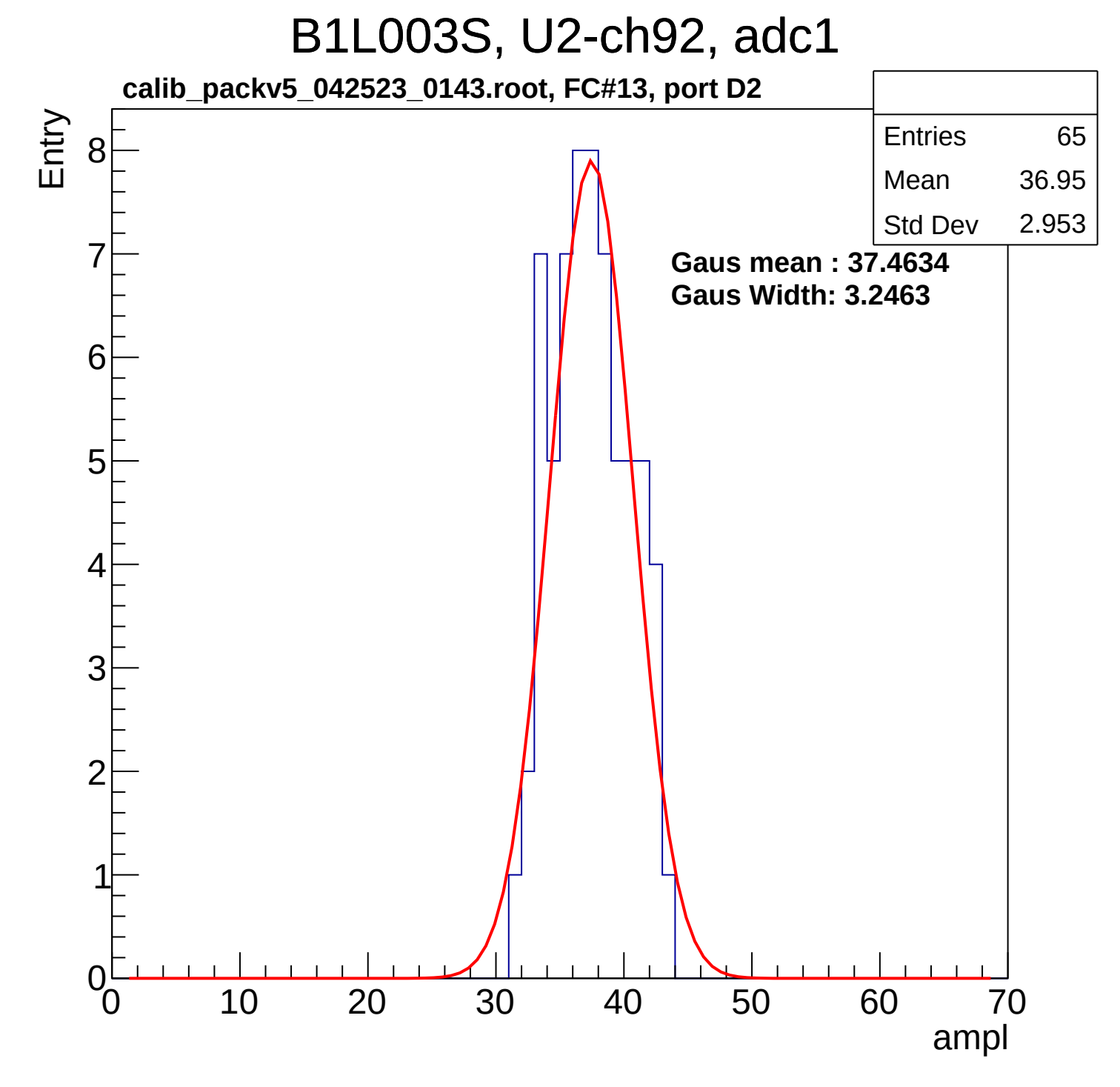
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch92, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 29.52
Std Dev 6.342
Gaus mean : 30.9793
Gaus Width: 3.7682
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch92, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 36.95
Std Dev 2.953
Gaus mean : 37.4634
Gaus Width: 3.2463
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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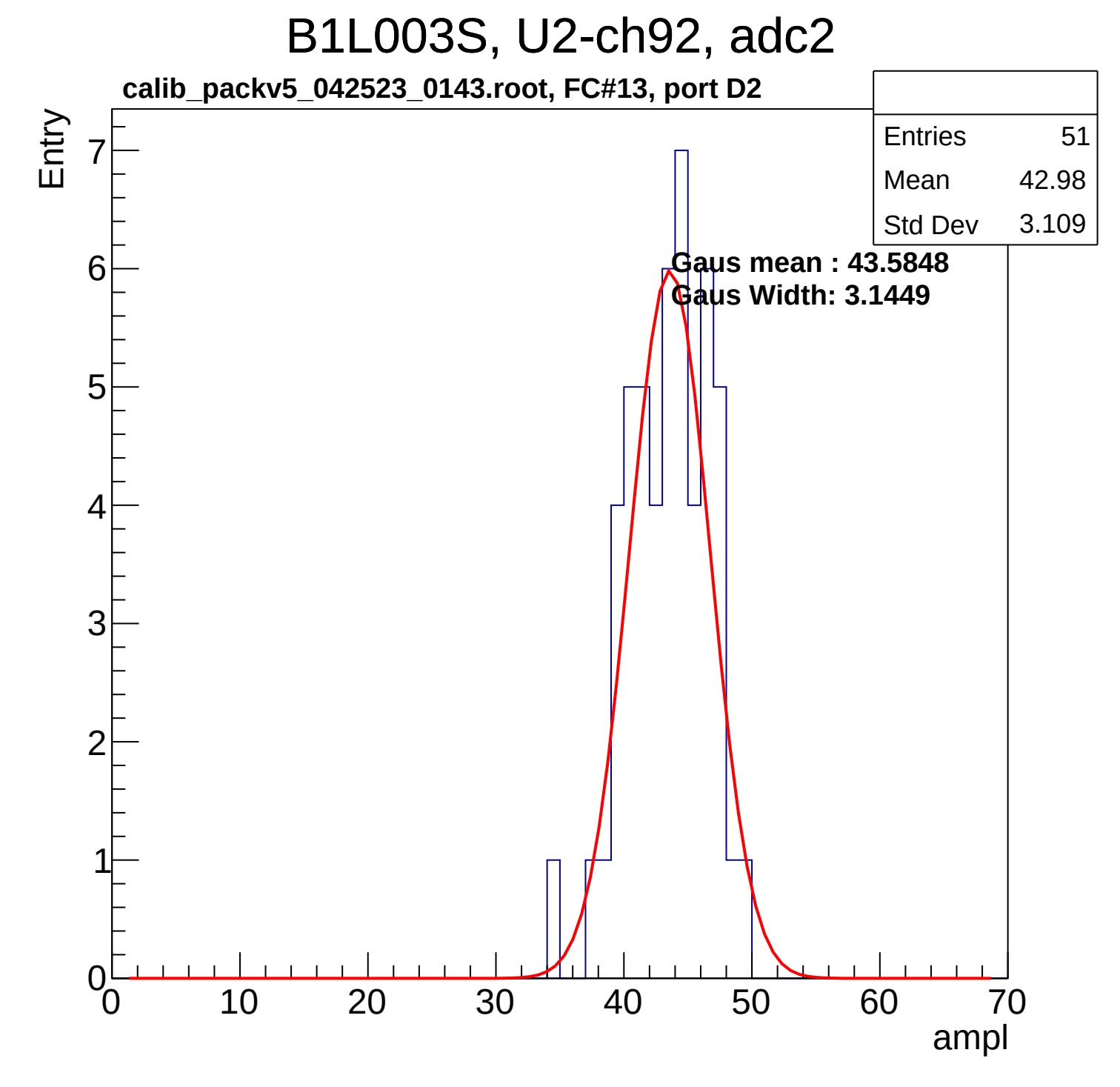
B1L003S, U2-ch92, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 42.98
Std Dev 3.109
Gaus mean : 43.5848
Gaus Width: 3.1449
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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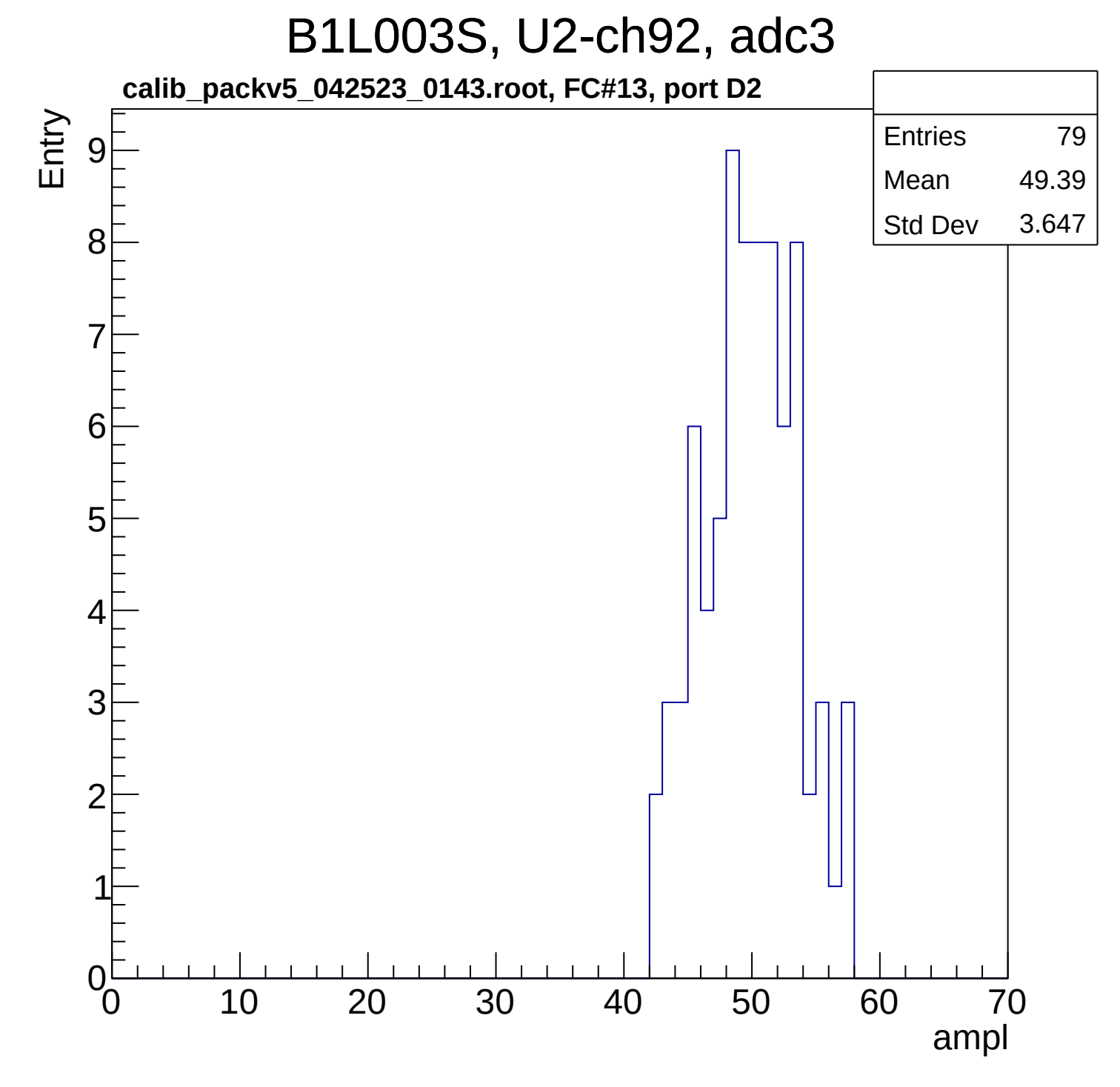
B1L003S, U2-ch92, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 49.39
Std Dev 3.647
Entry
ampl
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2
3
4
5
6
7
8
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0
10
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40
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60
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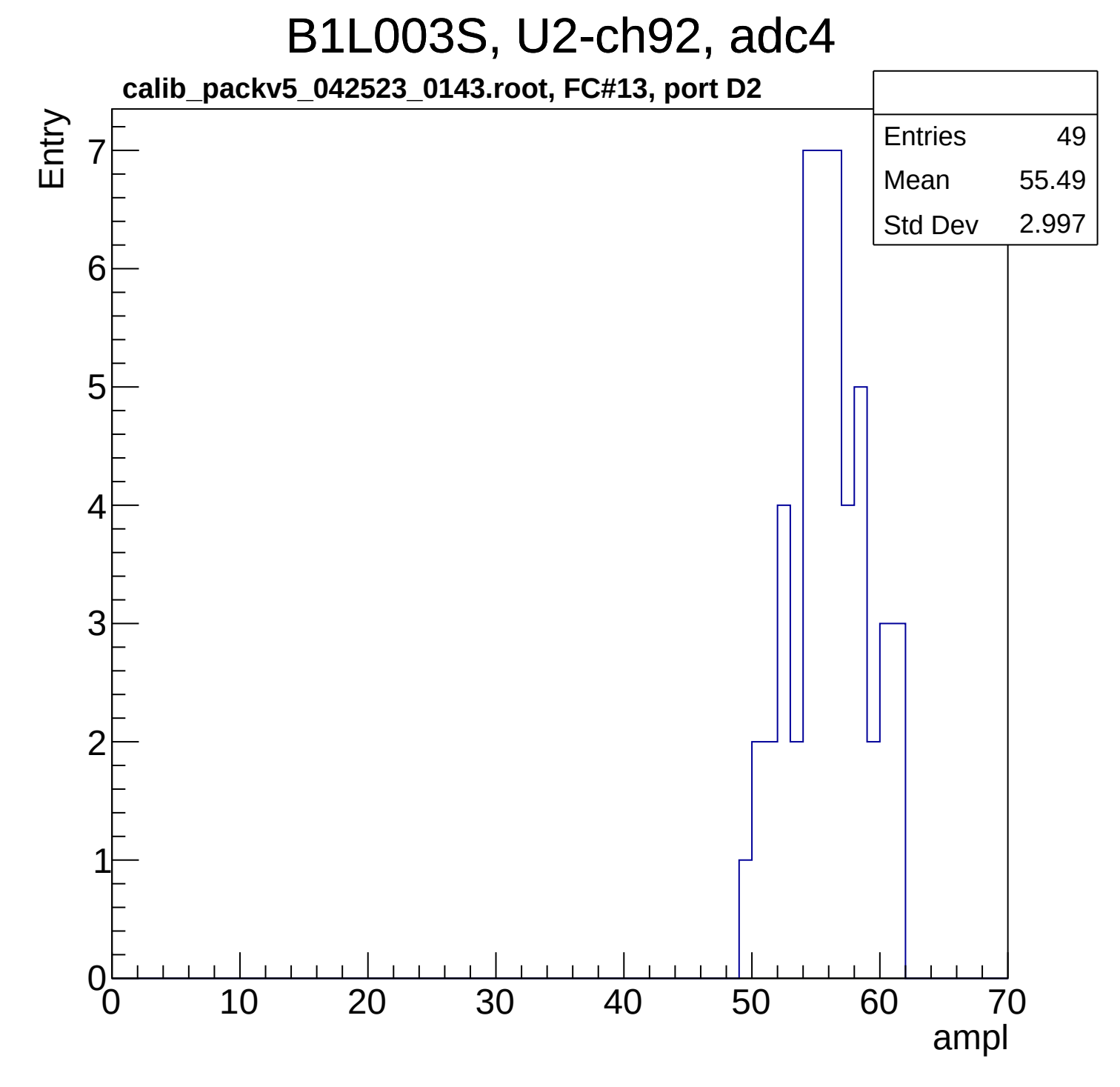
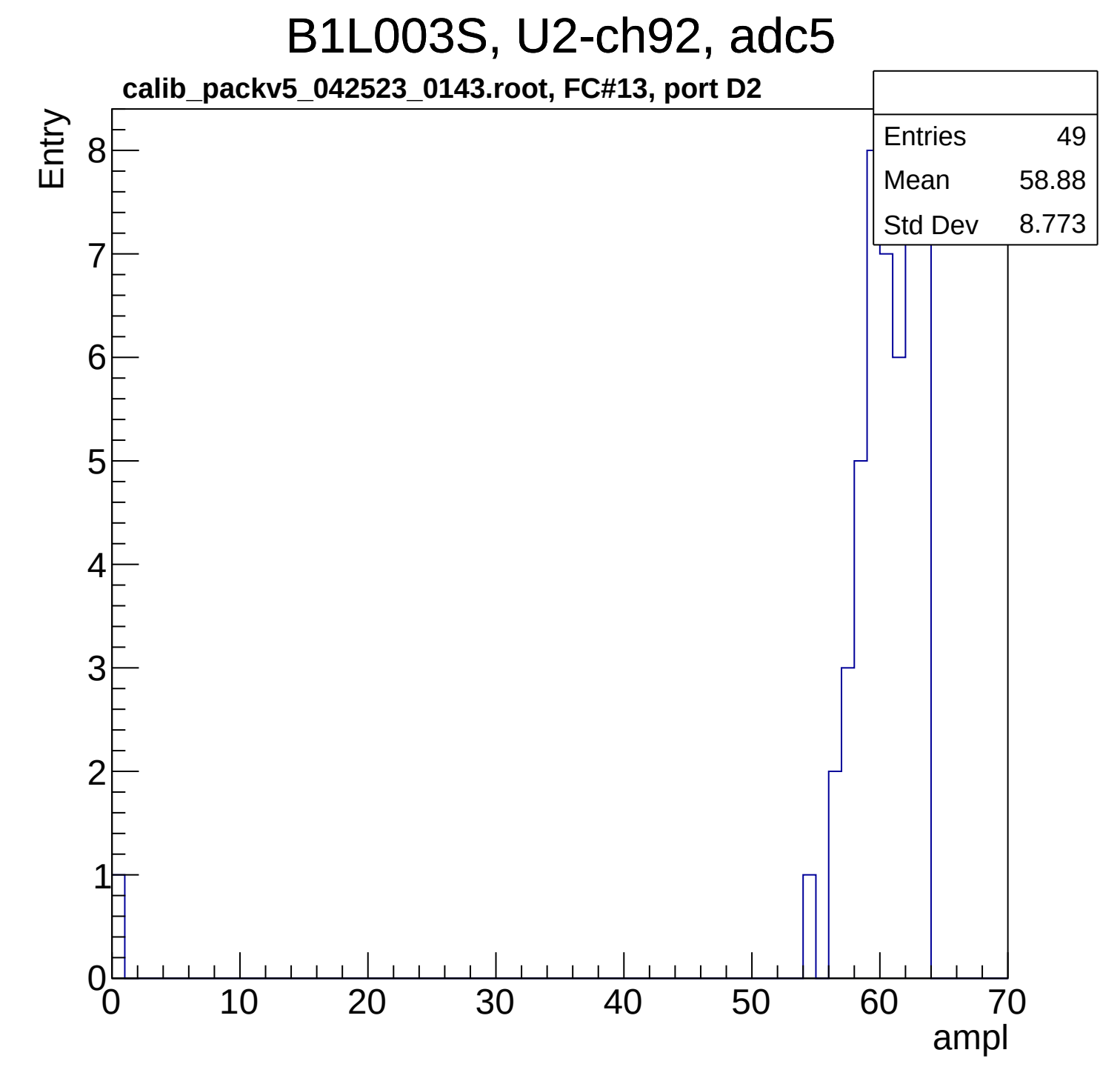

B1L003S, U2-ch92, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 55.49
Std Dev 2.997
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U2-ch92, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 58.88
Std Dev 8.773
Entry
ampl
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0
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60
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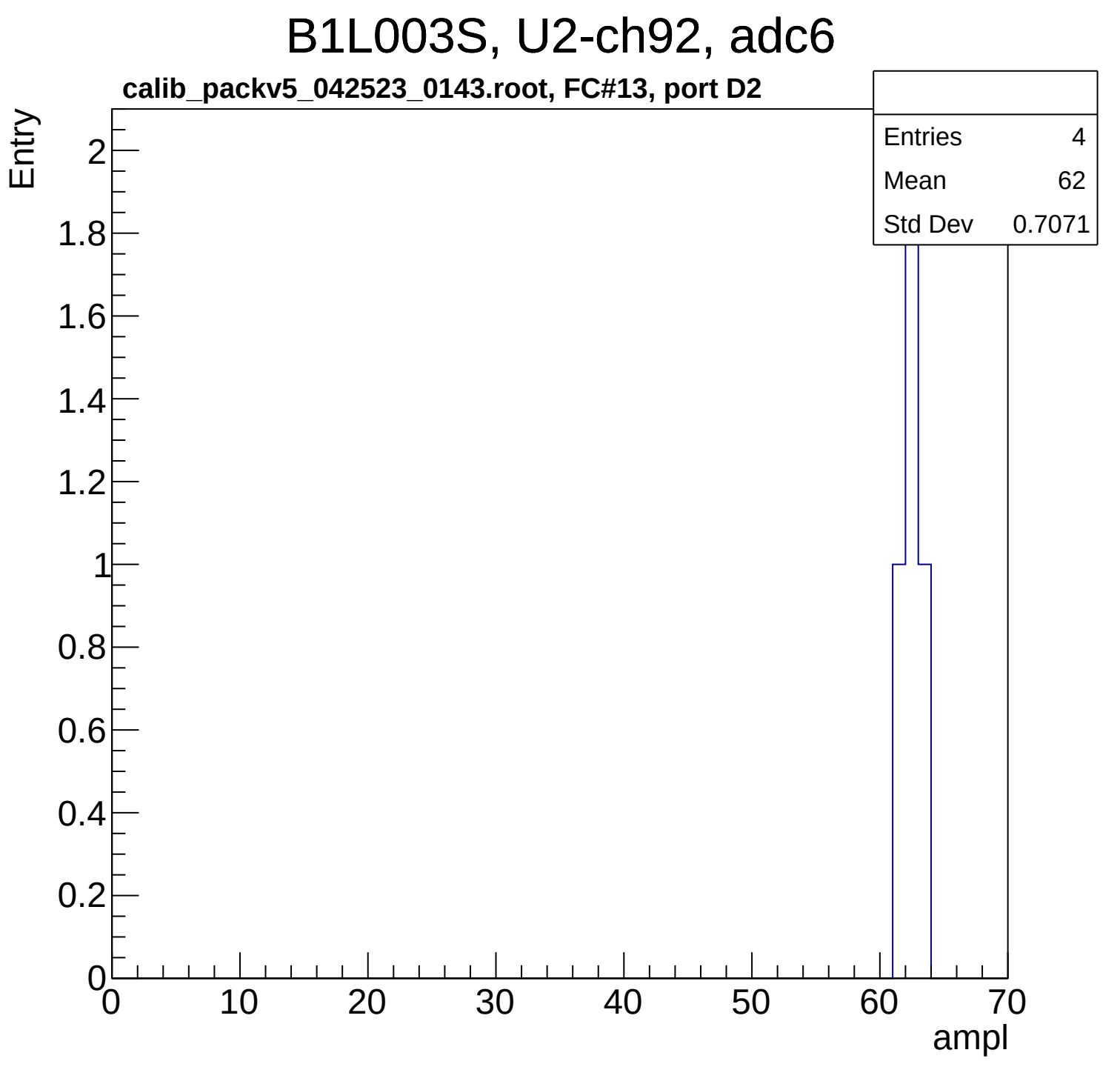
B1L003S, U2-ch92, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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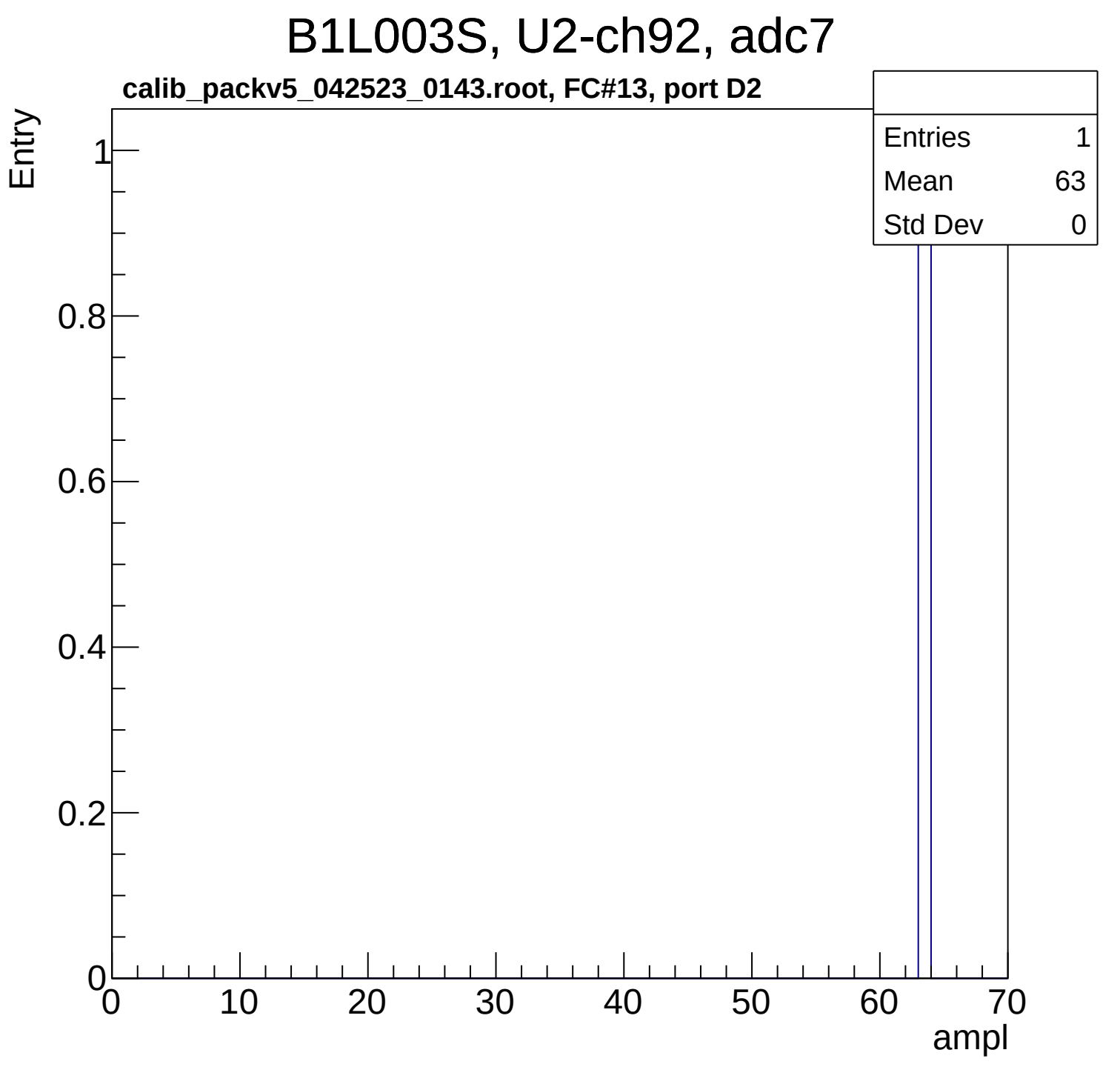
B1L003S, U2-ch92, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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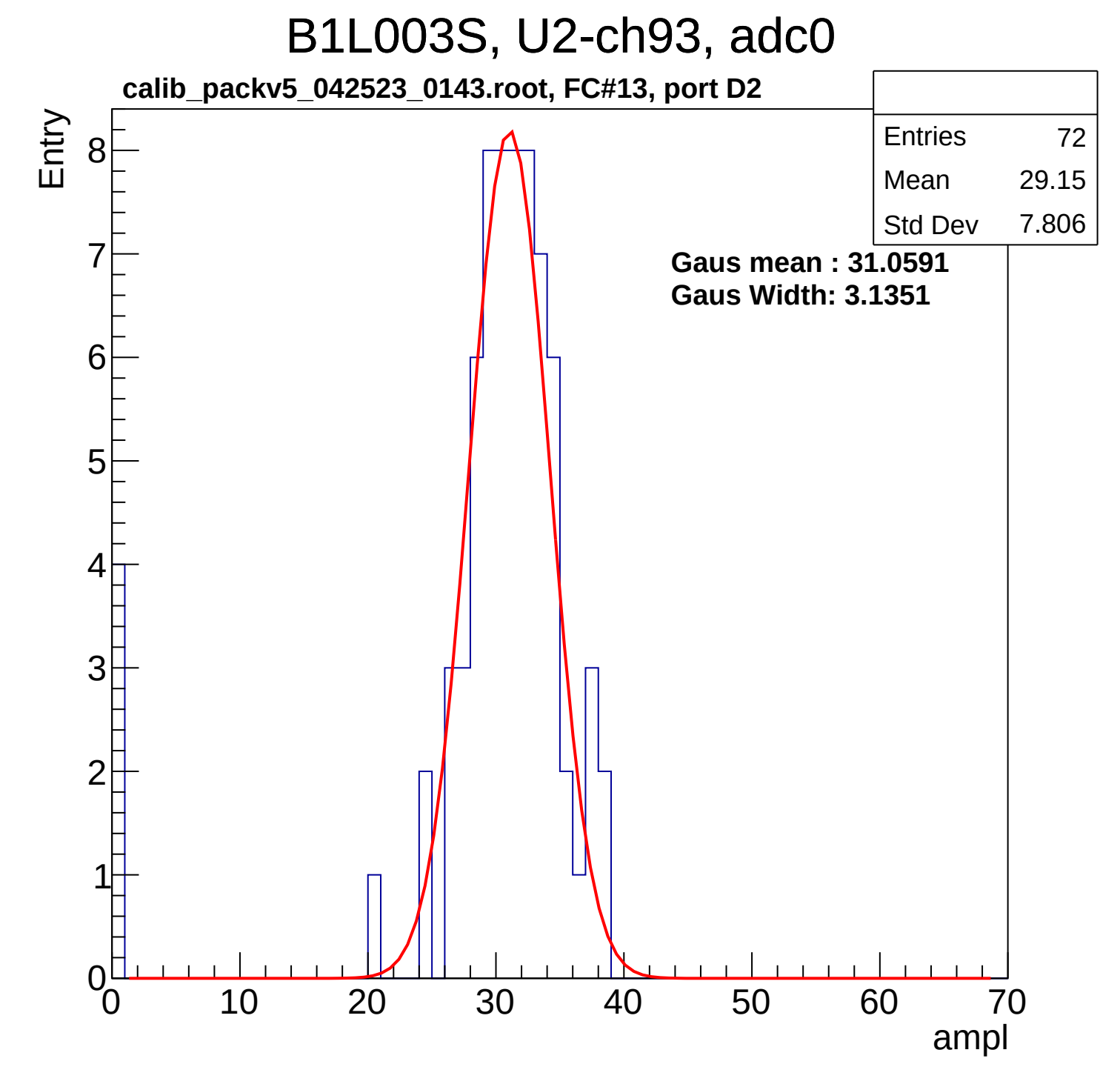
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch93, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 29.15
Std Dev 7.806
Gaus mean : 31.0591
Gaus Width: 3.1351
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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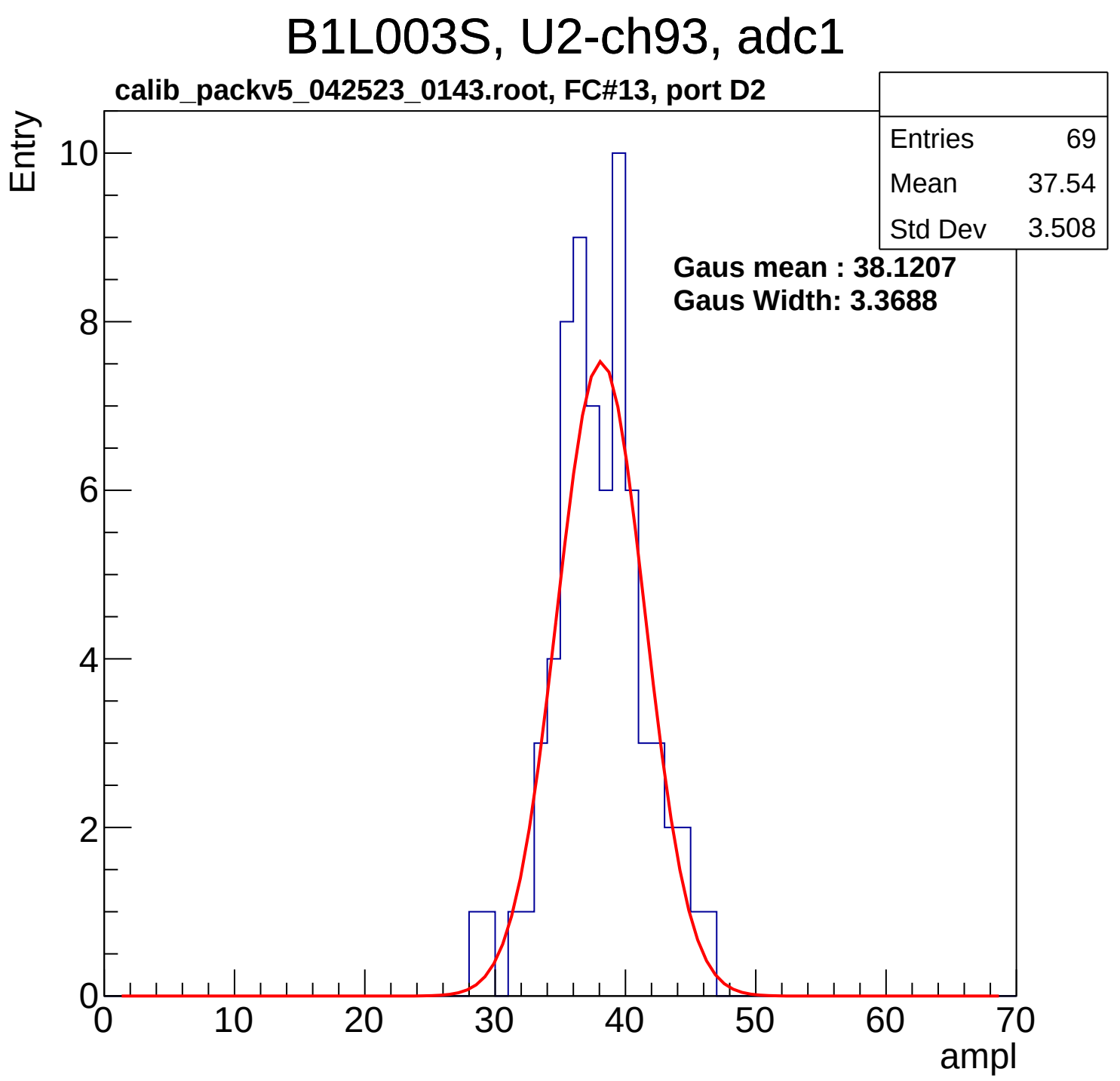
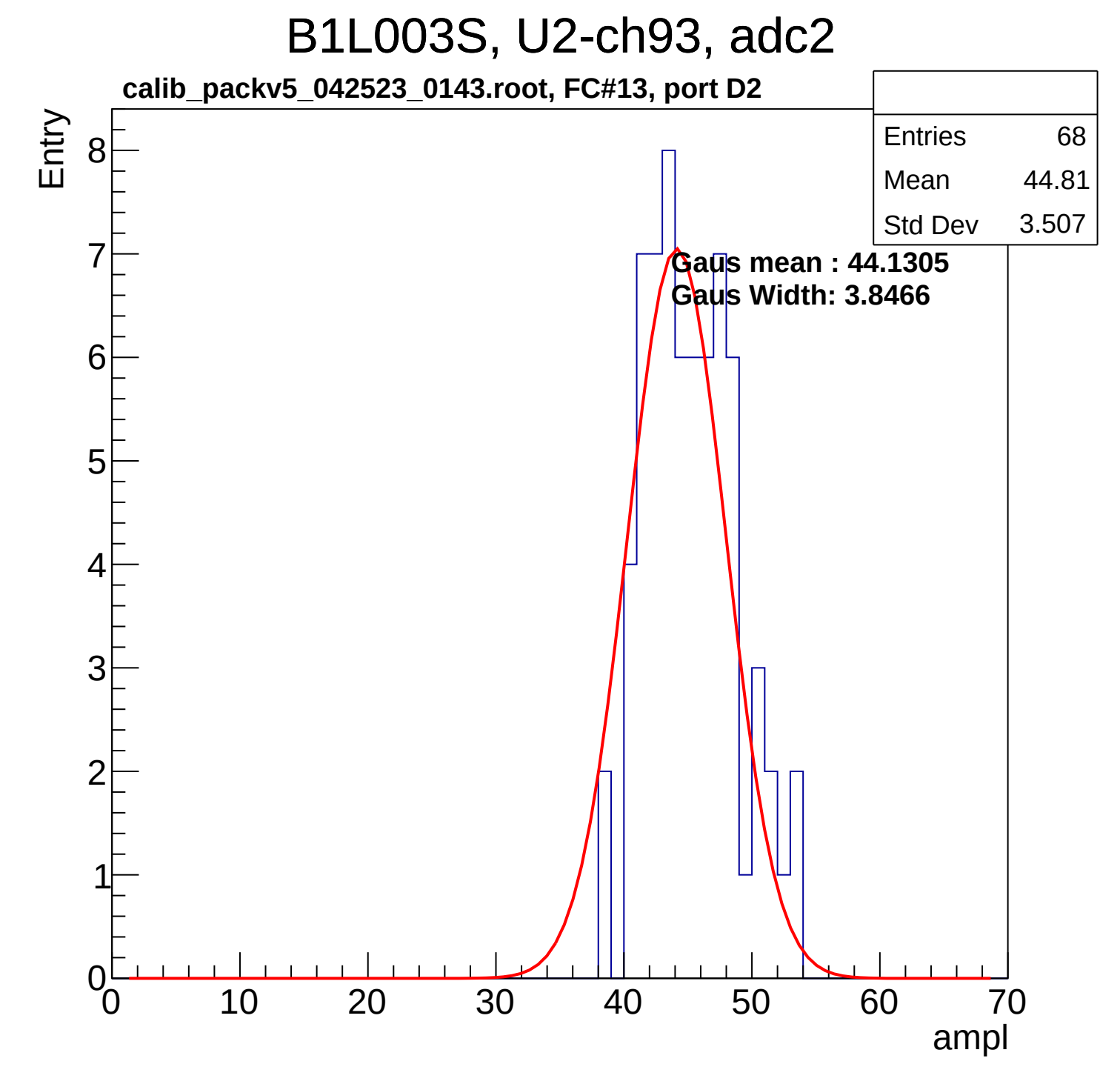
40
50
60
70


B1L003S, U2-ch93, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 37.54
Std Dev 3.508
Gaus mean : 38.1207
Gaus Width: 3.3688
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch93, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 44.81
Std Dev 3.507
Gaus mean : 44.1305
Gaus Width: 3.8466
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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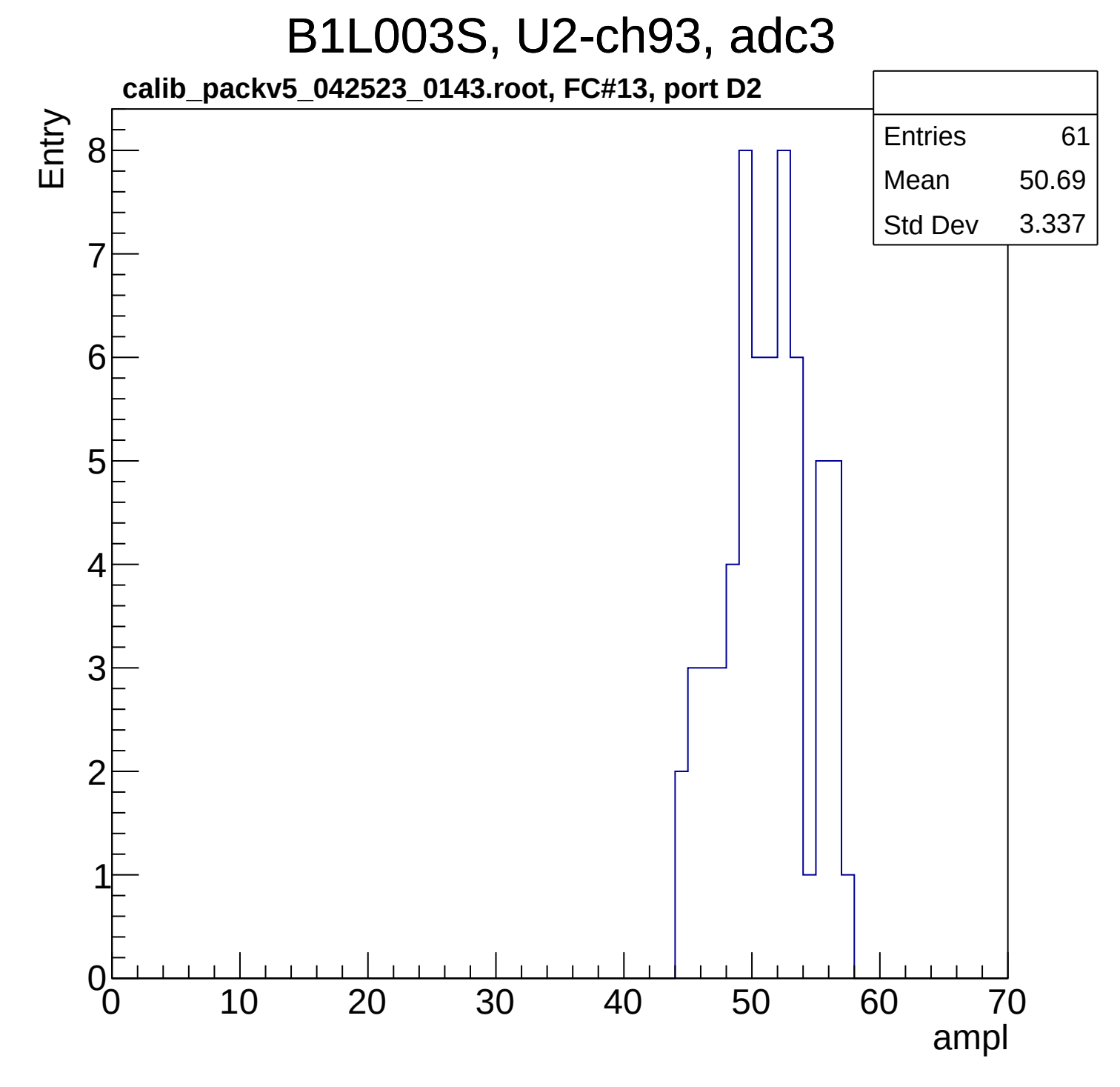
B1L003S, U2-ch93, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 50.69
Std Dev 3.337
Entry
ampl
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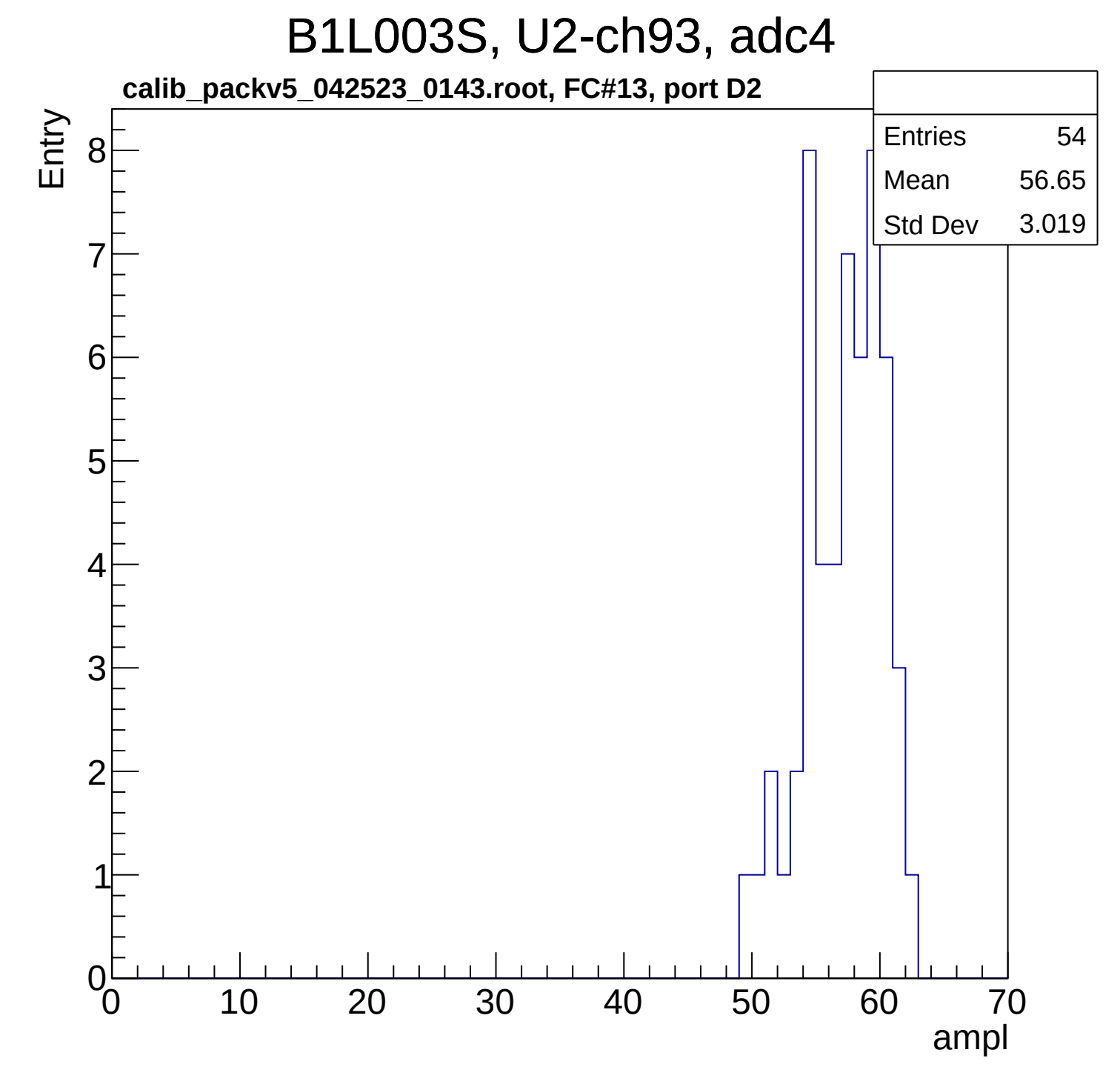
B1L003S, U2-ch93, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 56.65
Std Dev 3.019
Entry
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3
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7
8
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10
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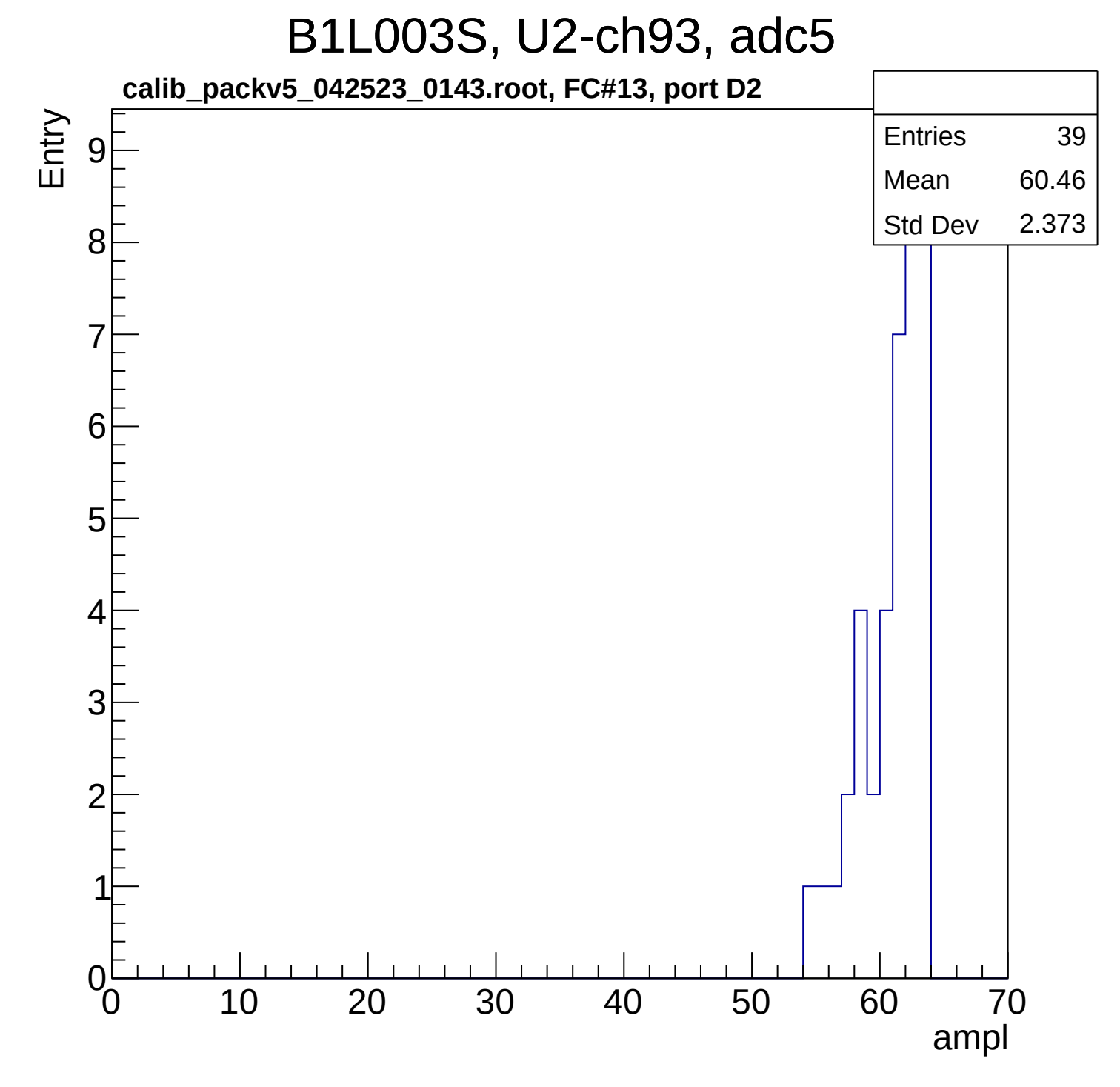
ampl


B1L003S, U2-ch93, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 60.46
Std Dev 2.373
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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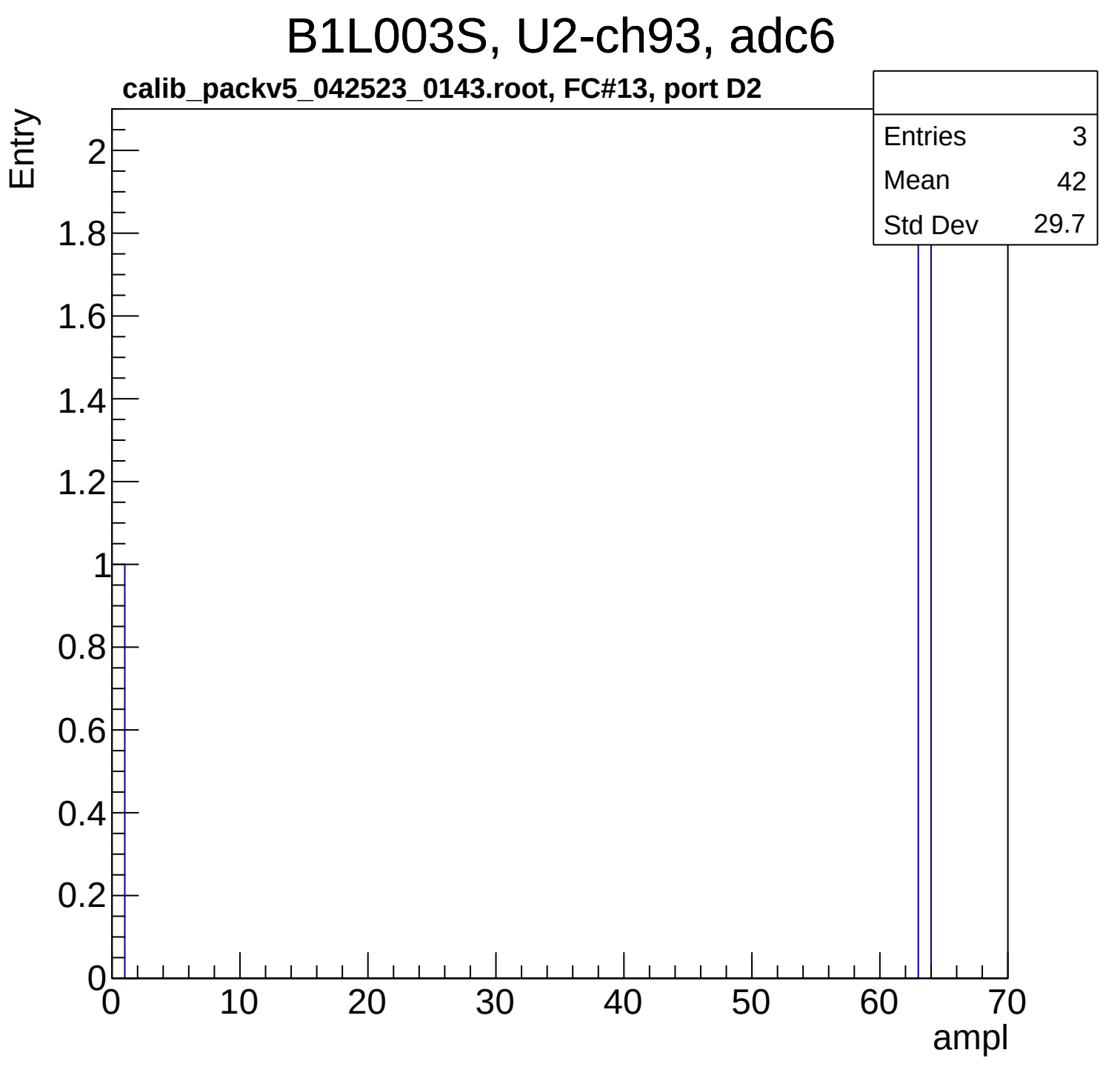
B1L003S, U2-ch93, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 42
Std Dev 29.7
Entry
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
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10
20
30
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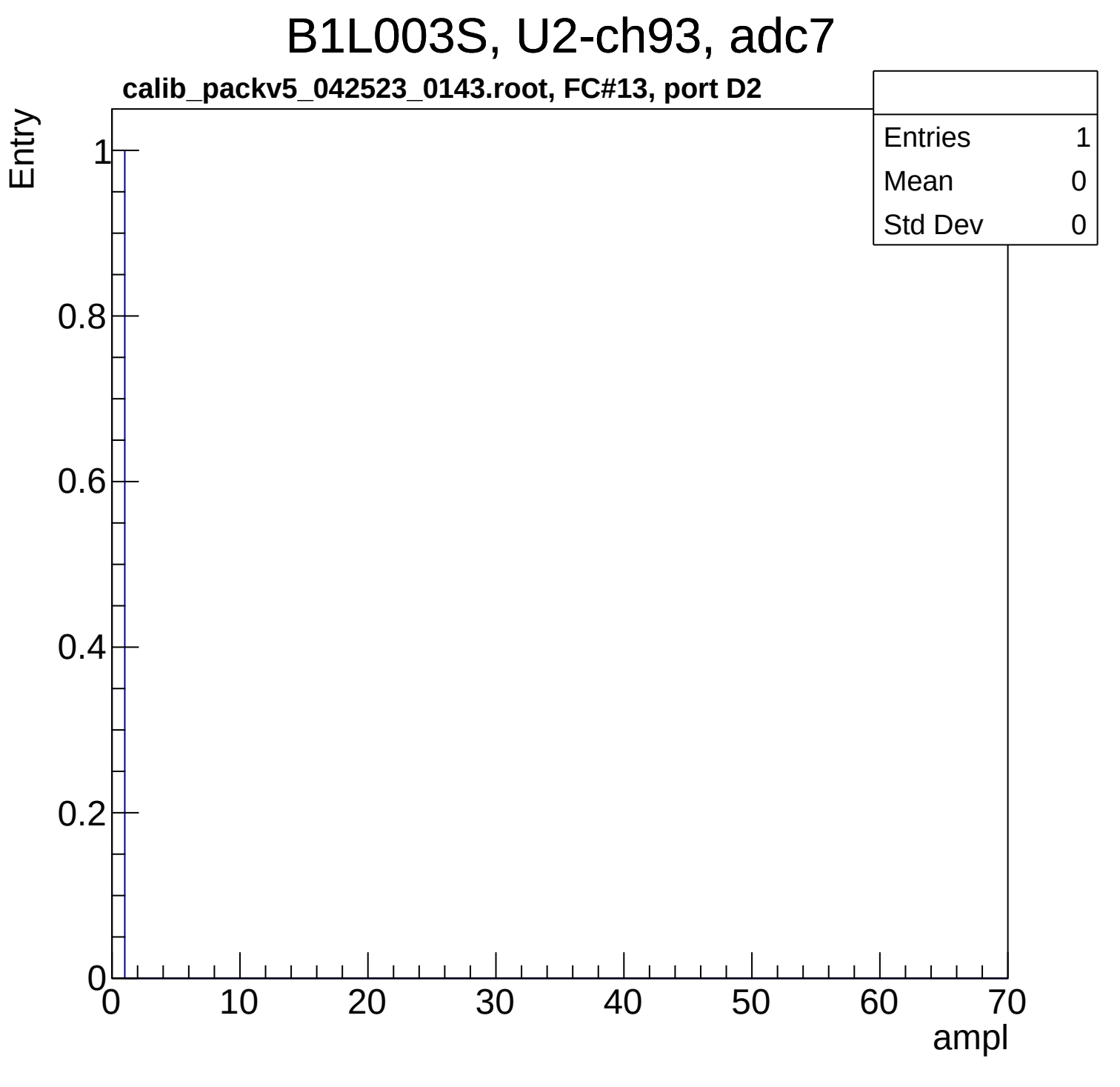
50
60
70
ampl


B1L003S, U2-ch93, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
30
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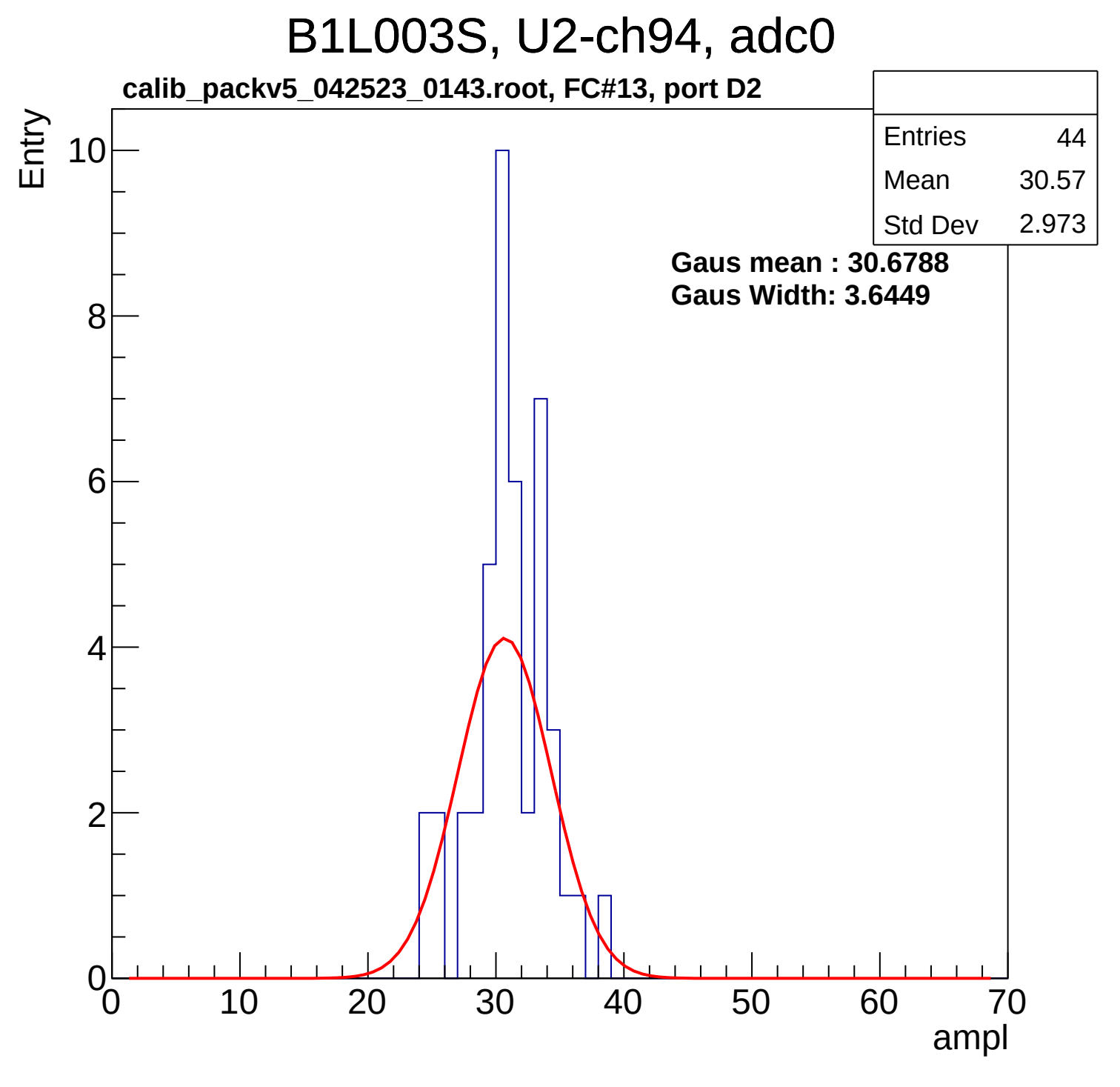
50
60
70
ampl


B1L003S, U2-ch94, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 30.57
Std Dev 2.973
Gaus mean : 30.6788
Gaus Width: 3.6449
Entry
ampl
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8
10
0
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40
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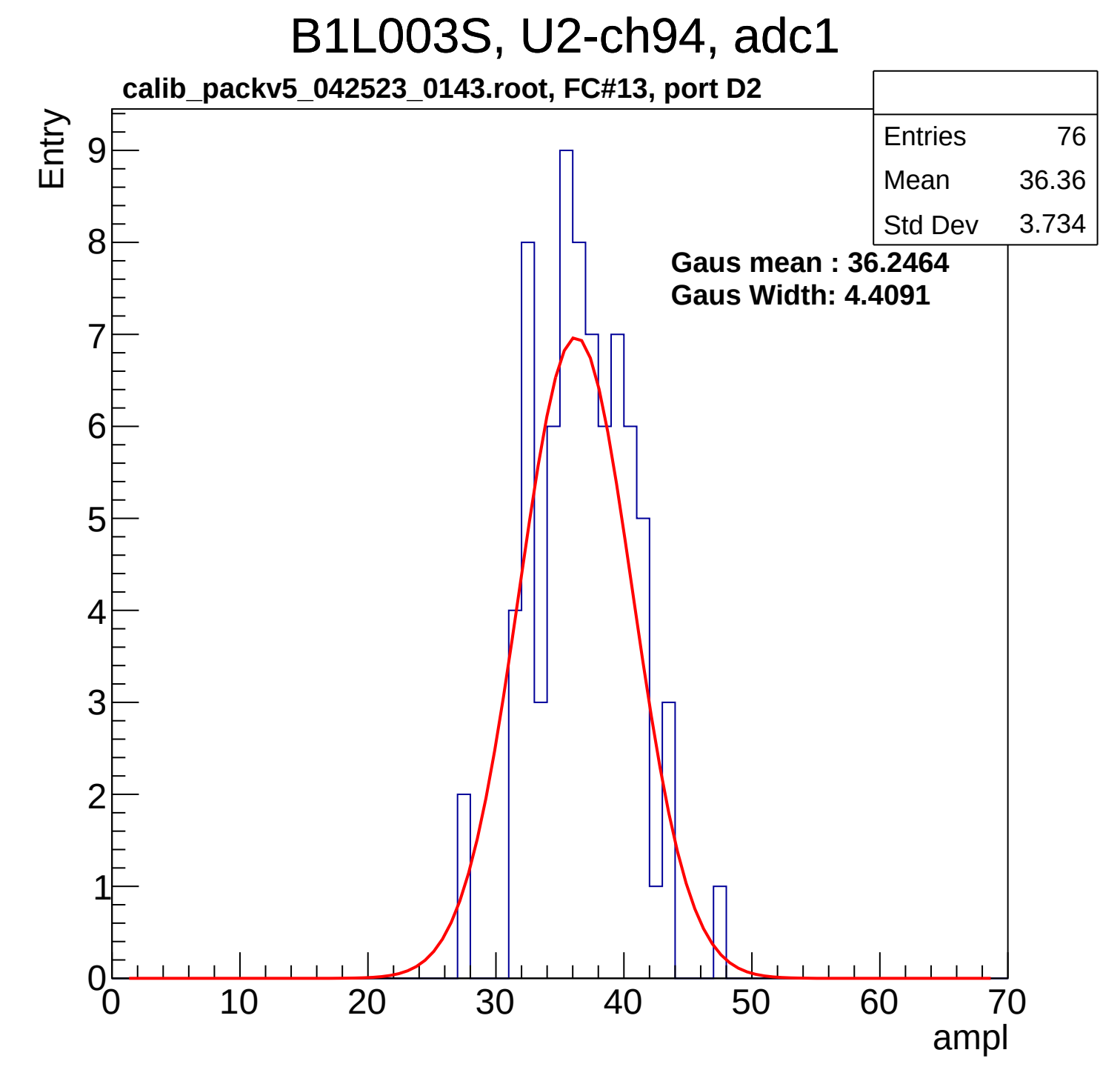
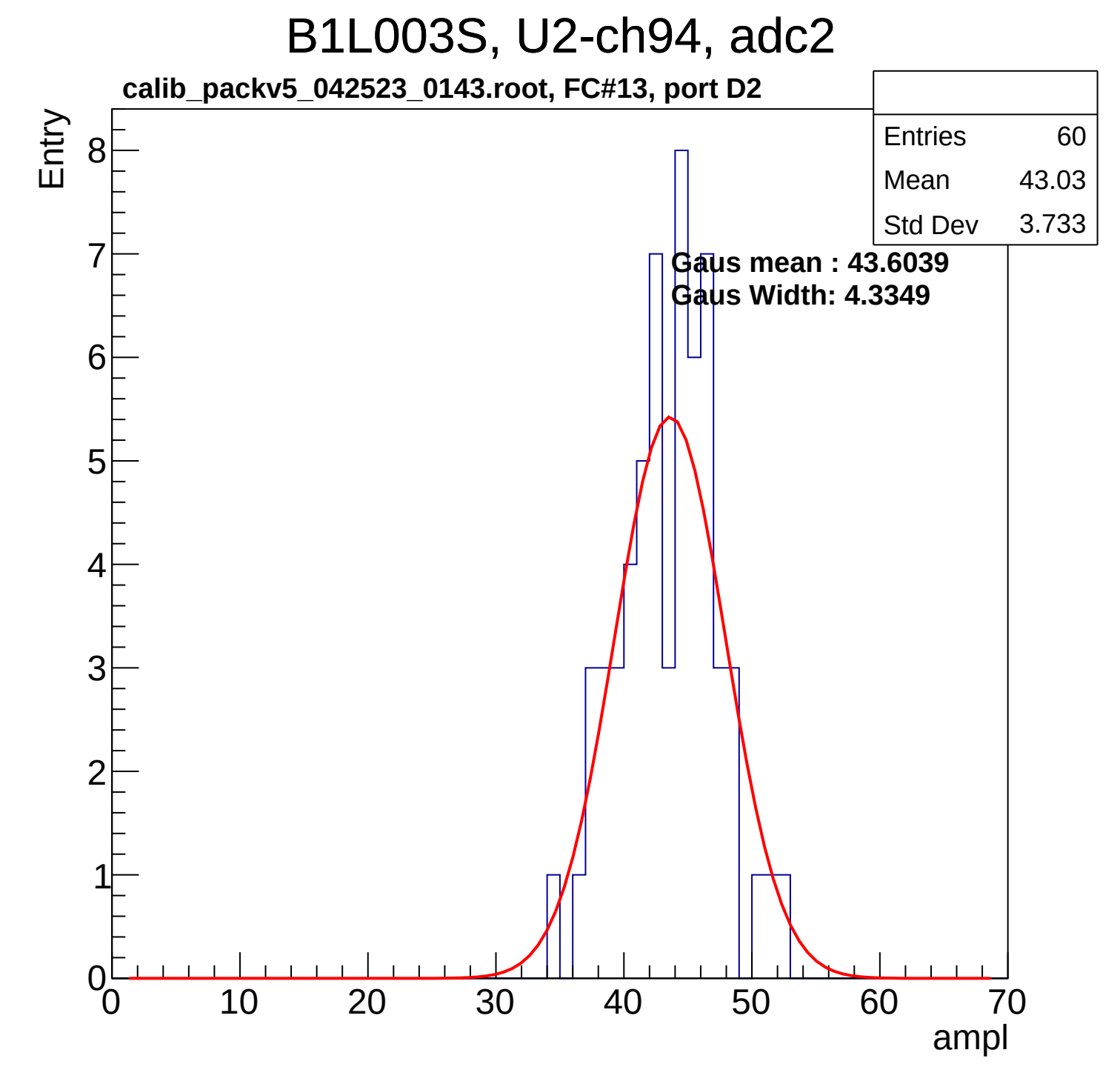
60
70


B1L003S, U2-ch94, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 36.36
Std Dev 3.734
Gaus mean : 36.2464
Gaus Width: 4.4091
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch94, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 43.03
Std Dev 3.733
Gaus mean : 43.6039
Gaus Width: 4.3349
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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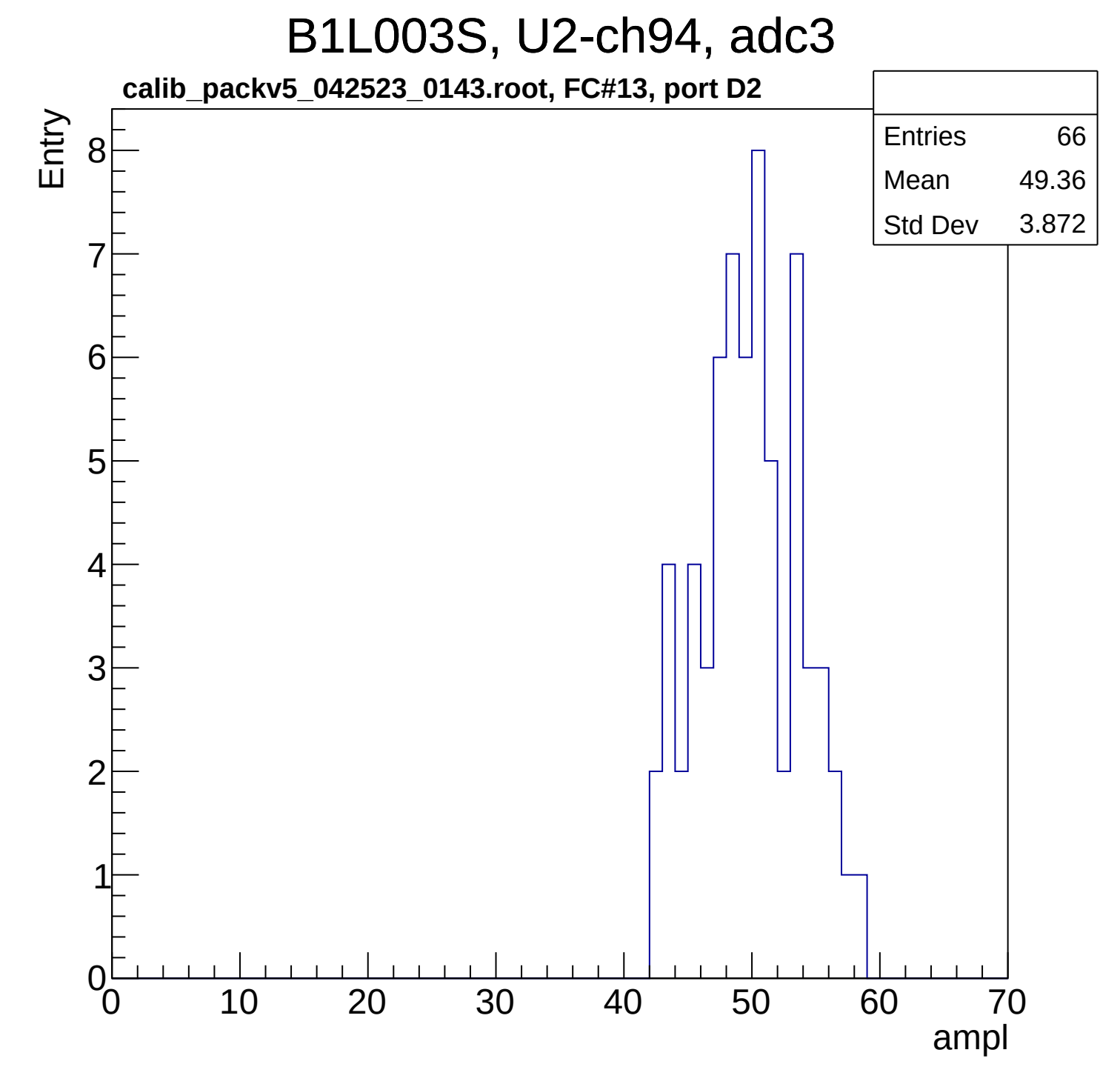
B1L003S, U2-ch94, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 49.36
Std Dev 3.872
Entry
ampl
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4
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7
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60
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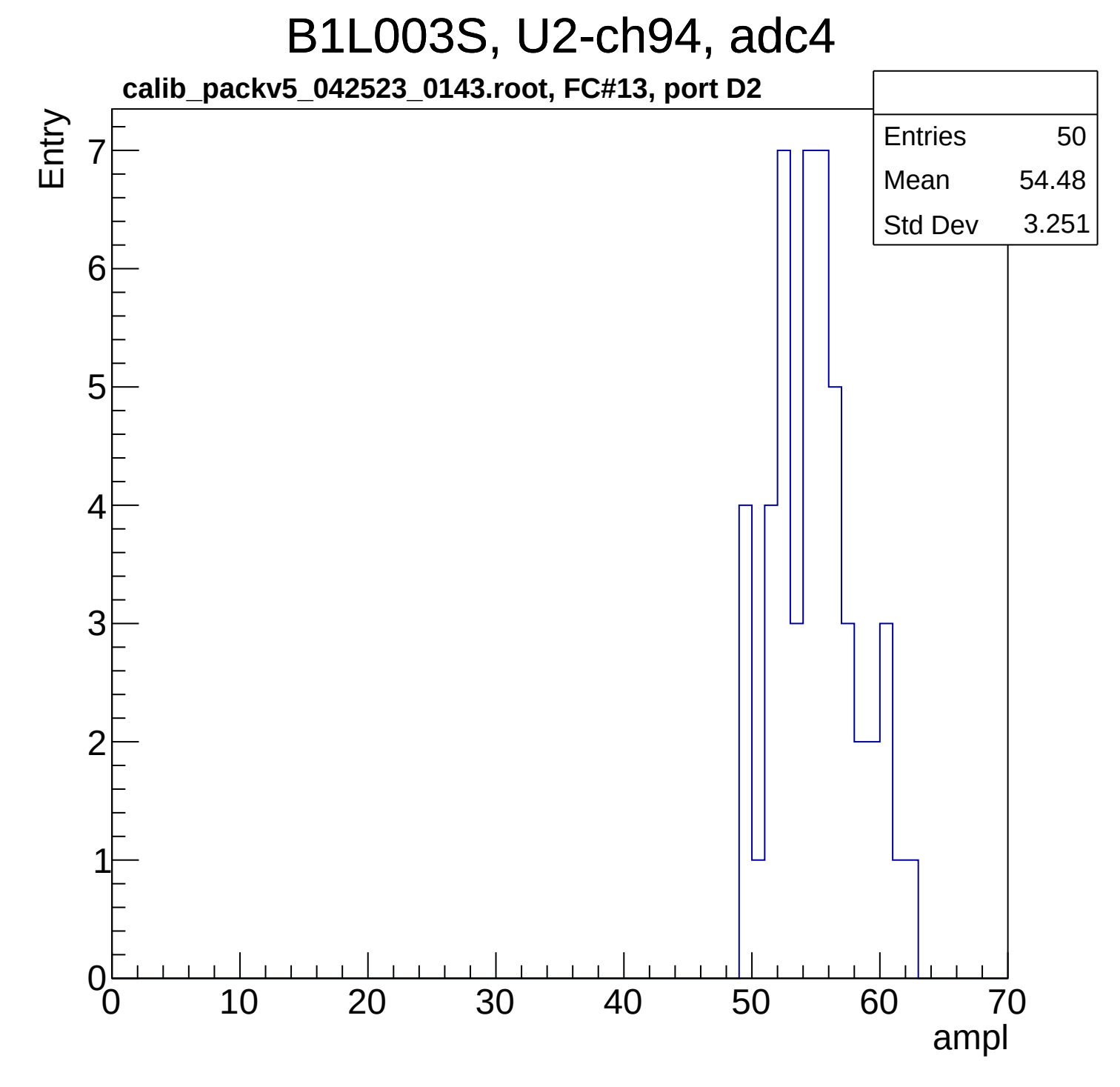
B1L003S, U2-ch94, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 54.48
Std Dev 3.251
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
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60
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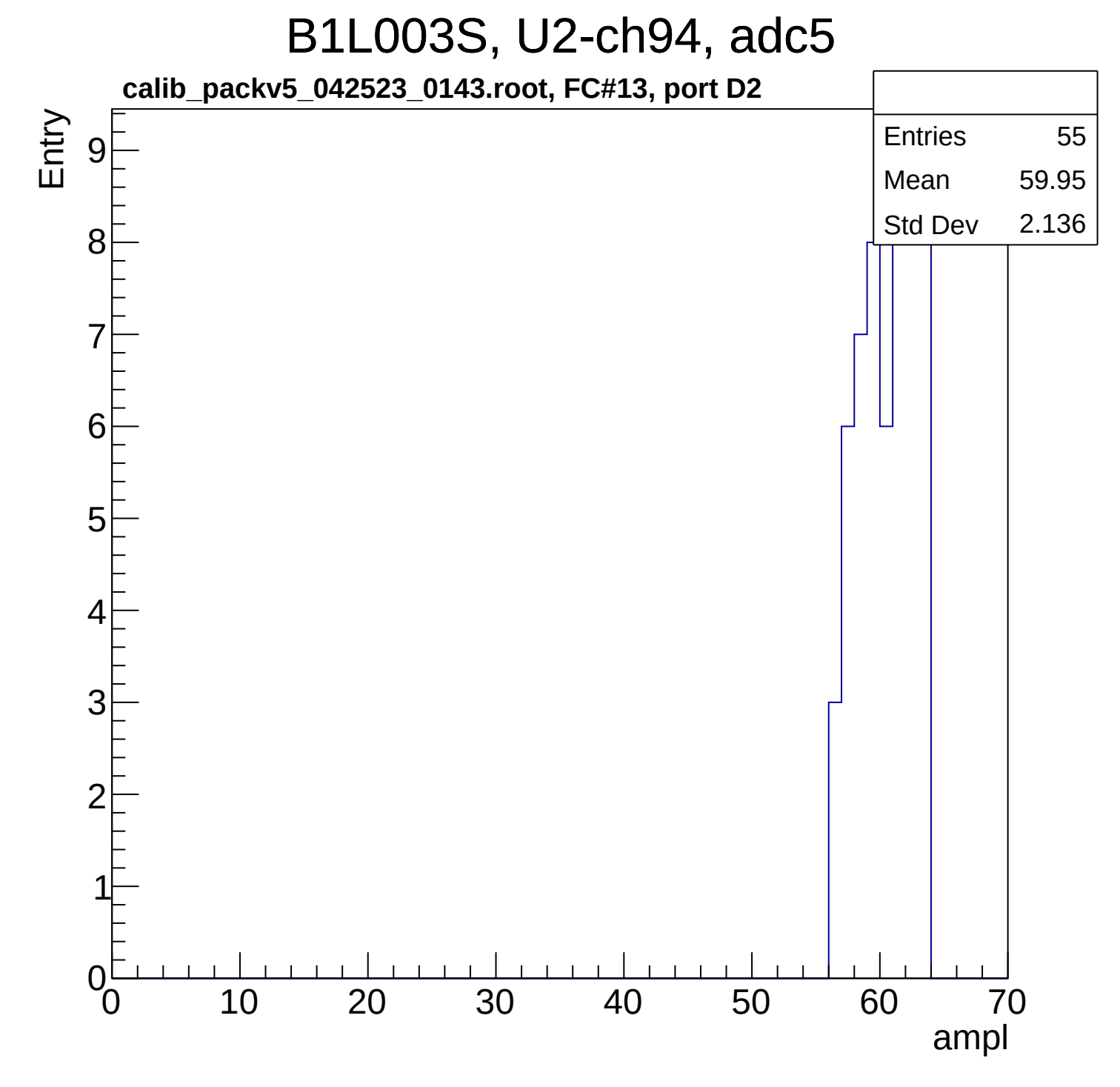
B1L003S, U2-ch94, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 59.95
Std Dev 2.136
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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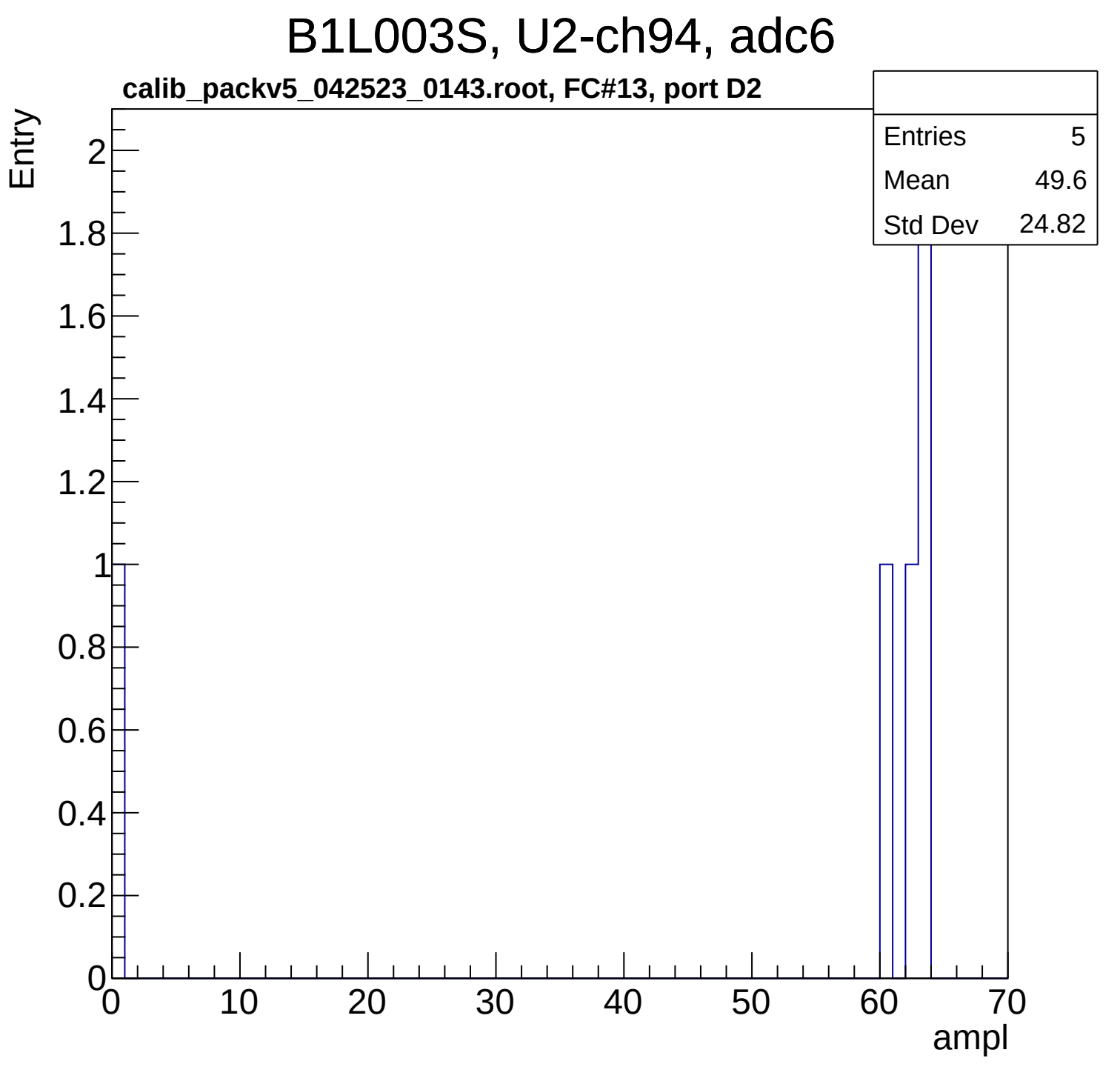
B1L003S, U2-ch94, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 49.6
Std Dev 24.82
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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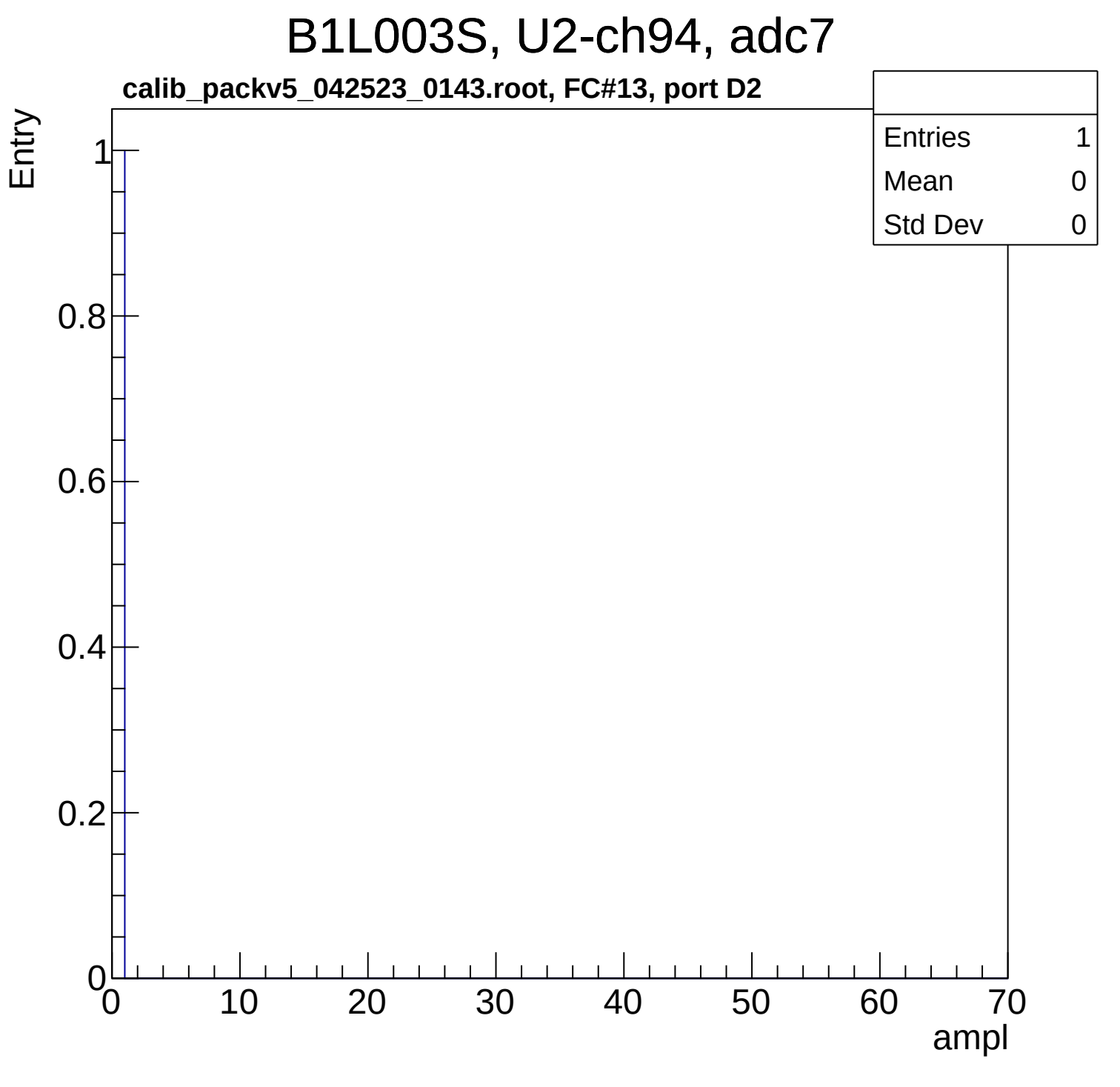
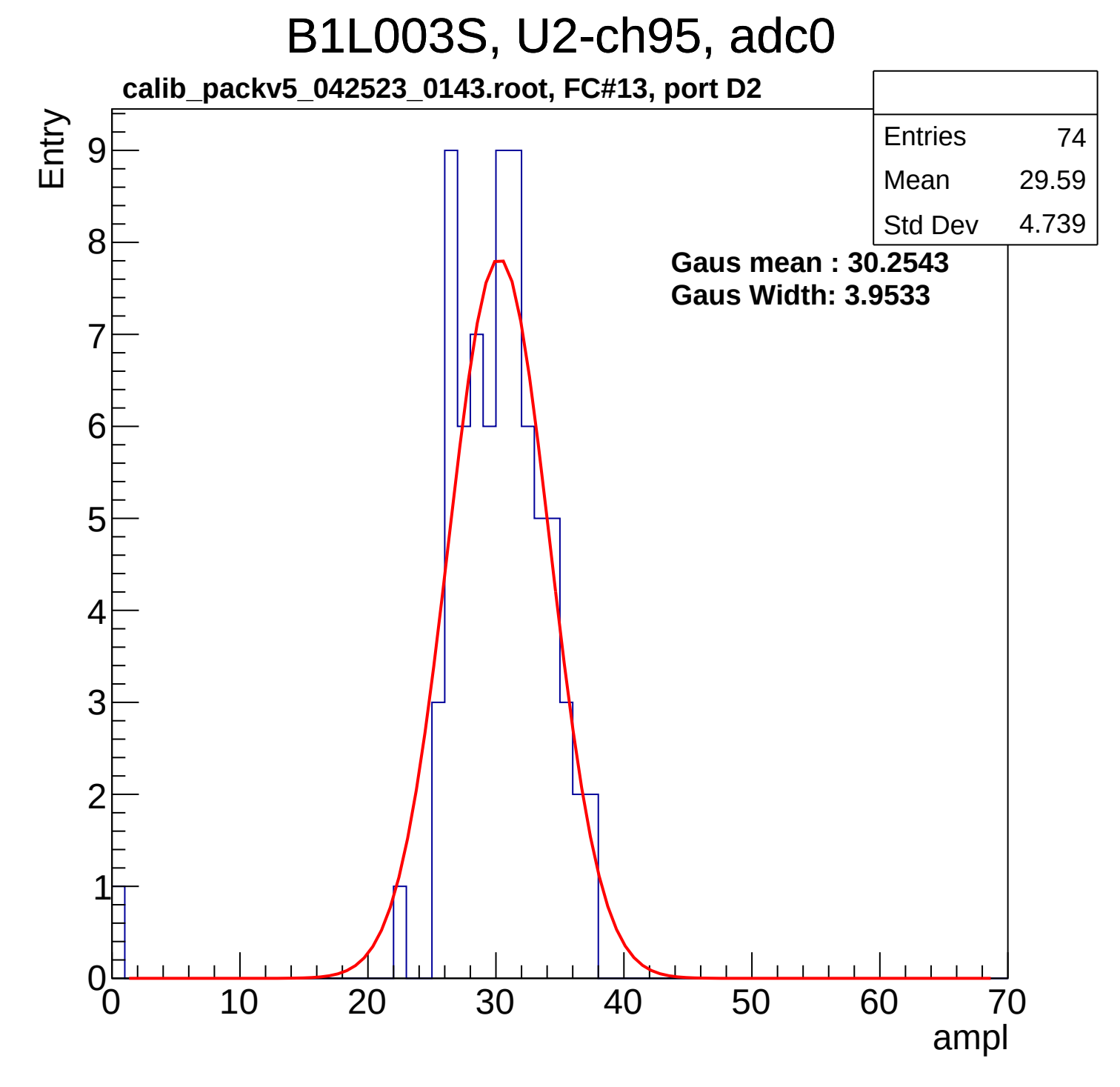

B1L003S, U2-ch94, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch95, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 29.59
Std Dev 4.739
Gaus mean : 30.2543
Gaus Width: 3.9533
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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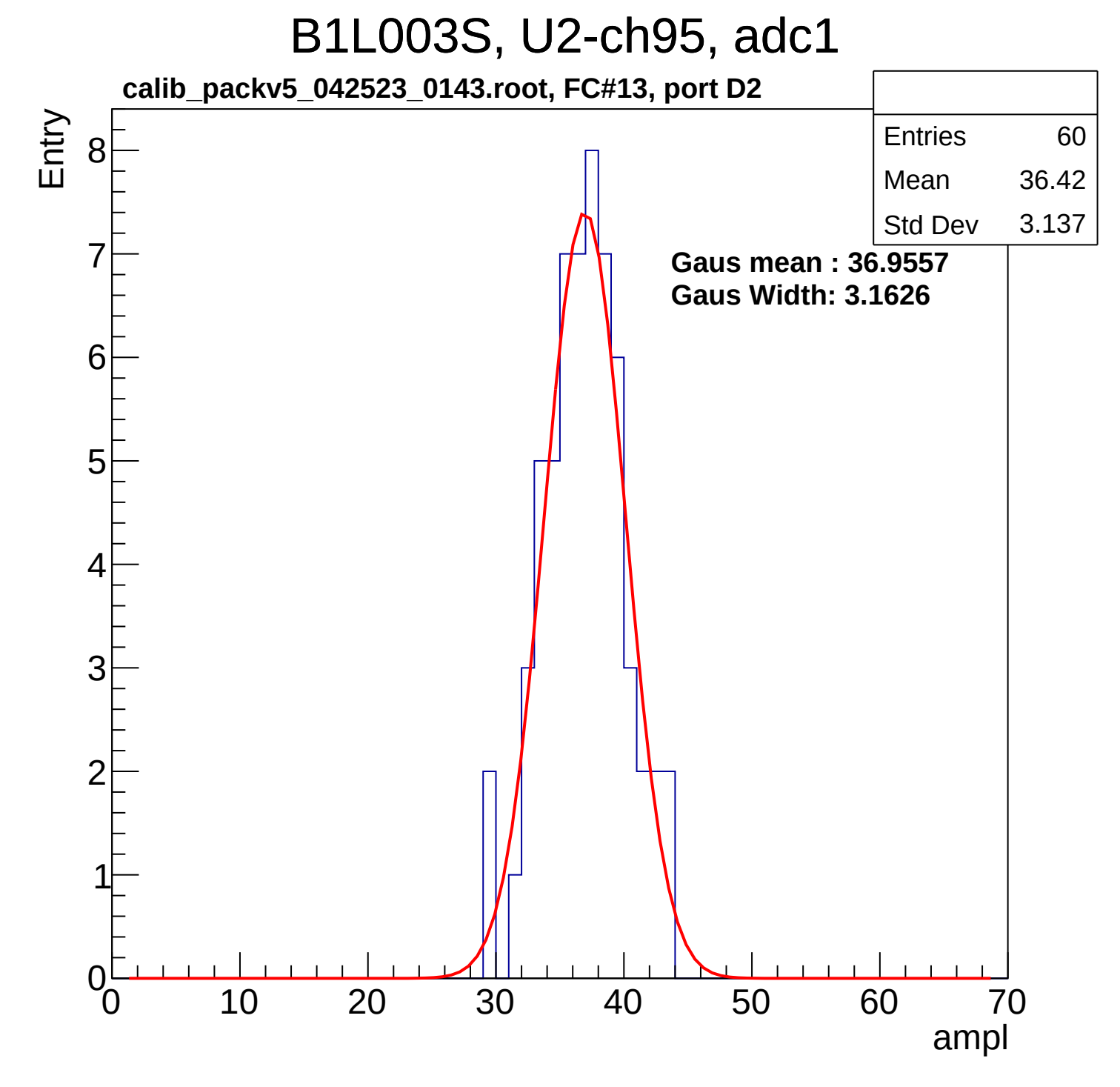
B1L003S, U2-ch95, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 36.42
Std Dev 3.137
Gaus mean : 36.9557
Gaus Width: 3.1626
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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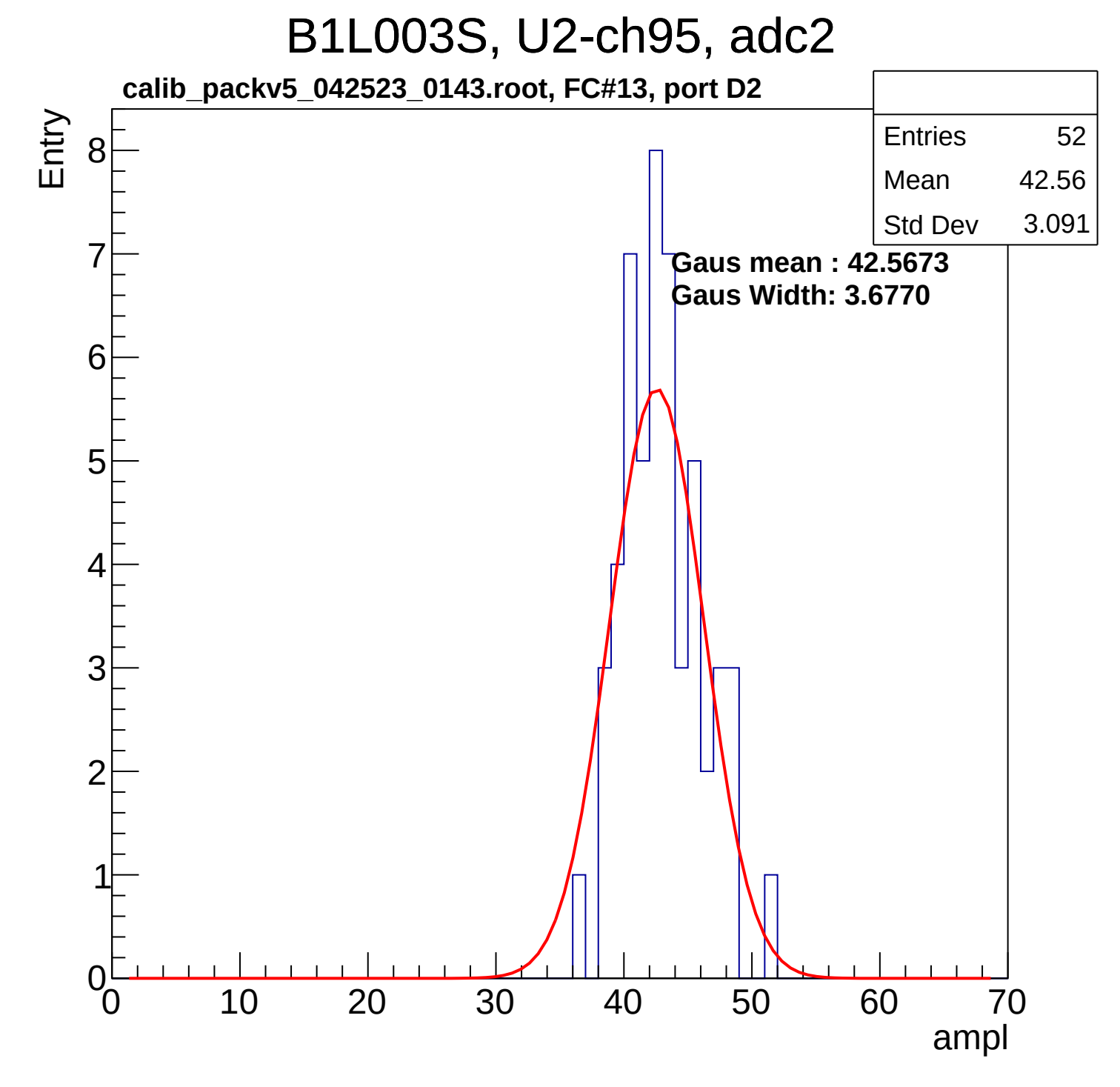
B1L003S, U2-ch95, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 42.56
Std Dev 3.091
Gaus mean : 42.5673
Gaus Width: 3.6770
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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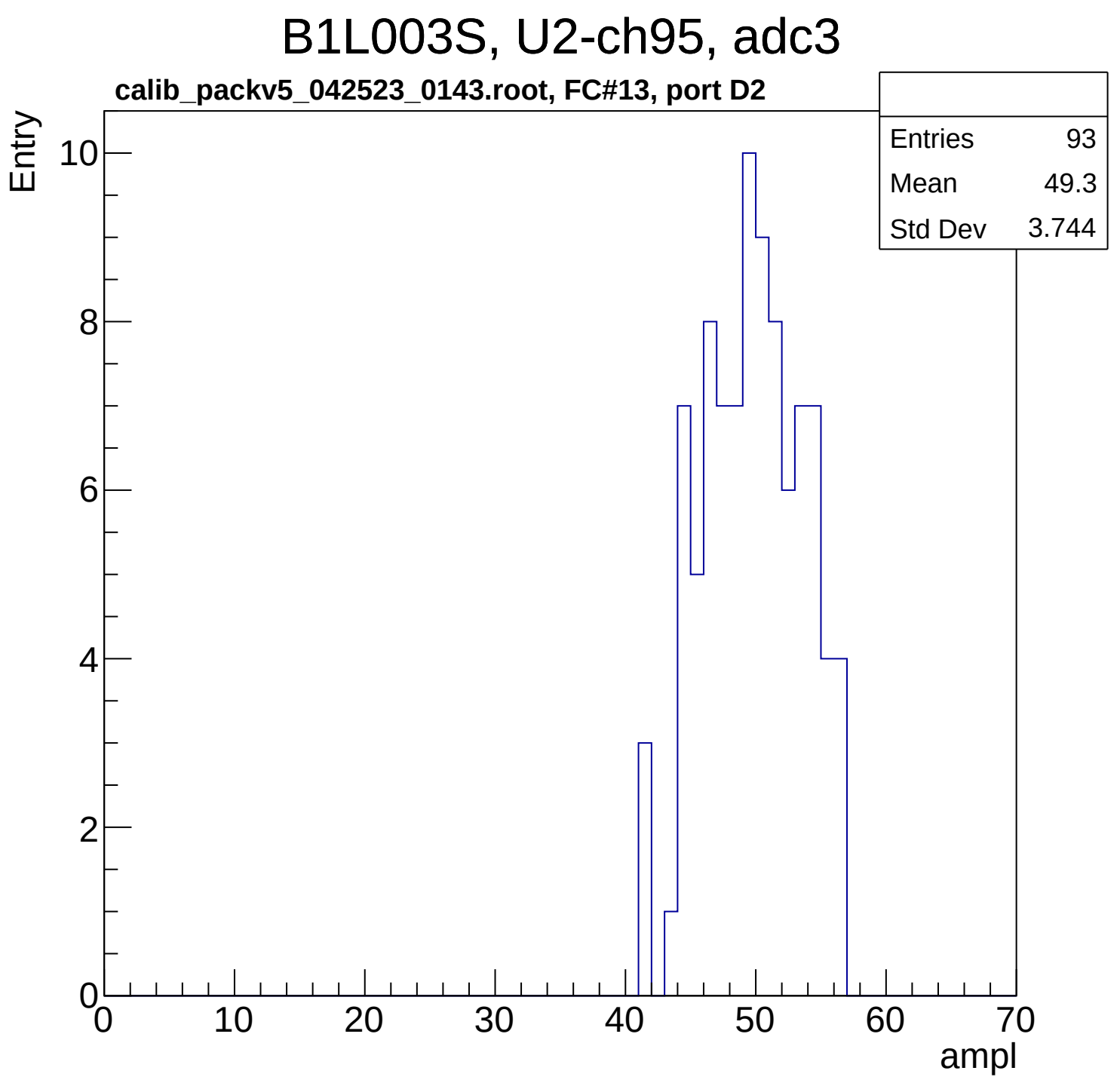
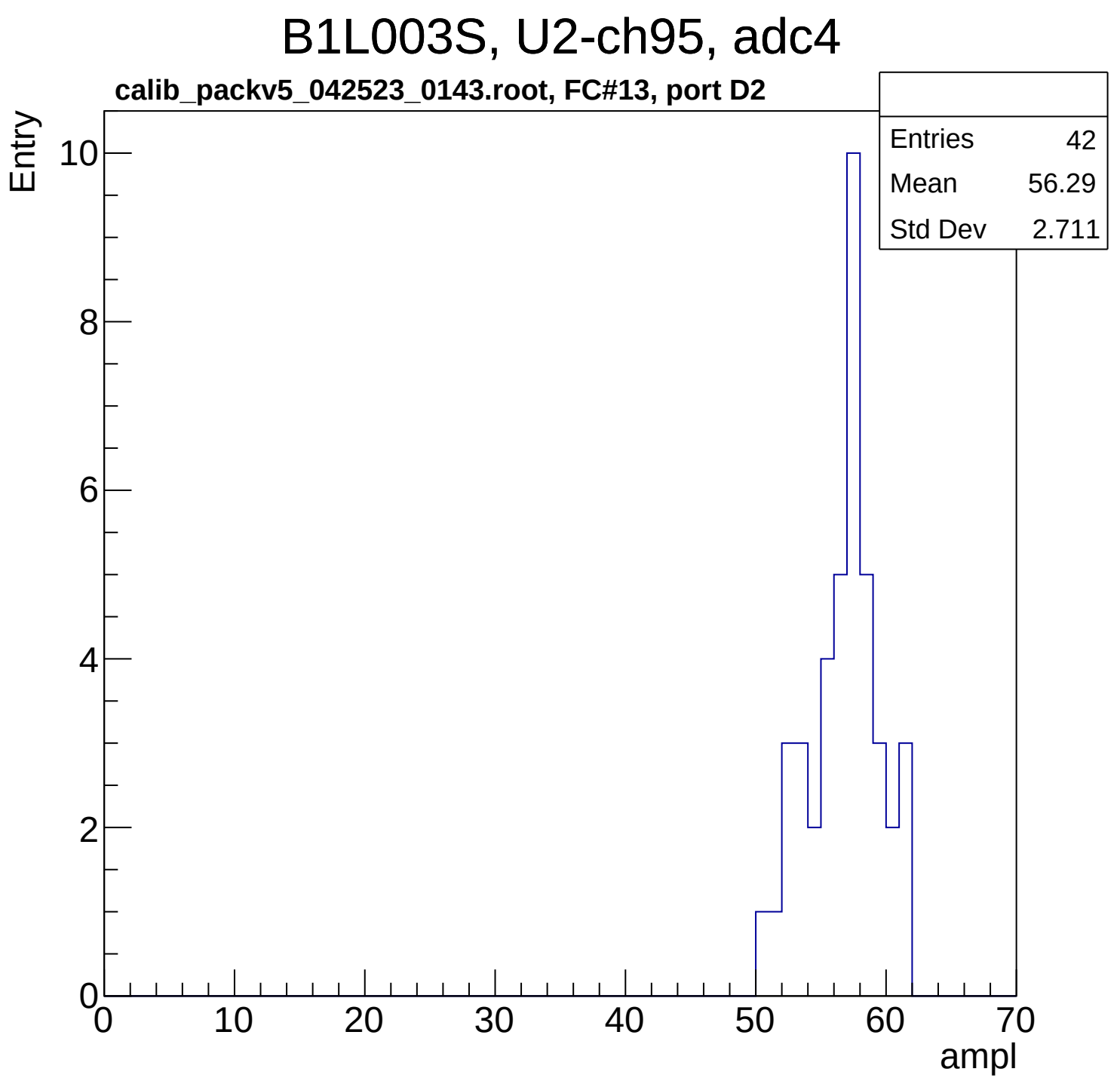
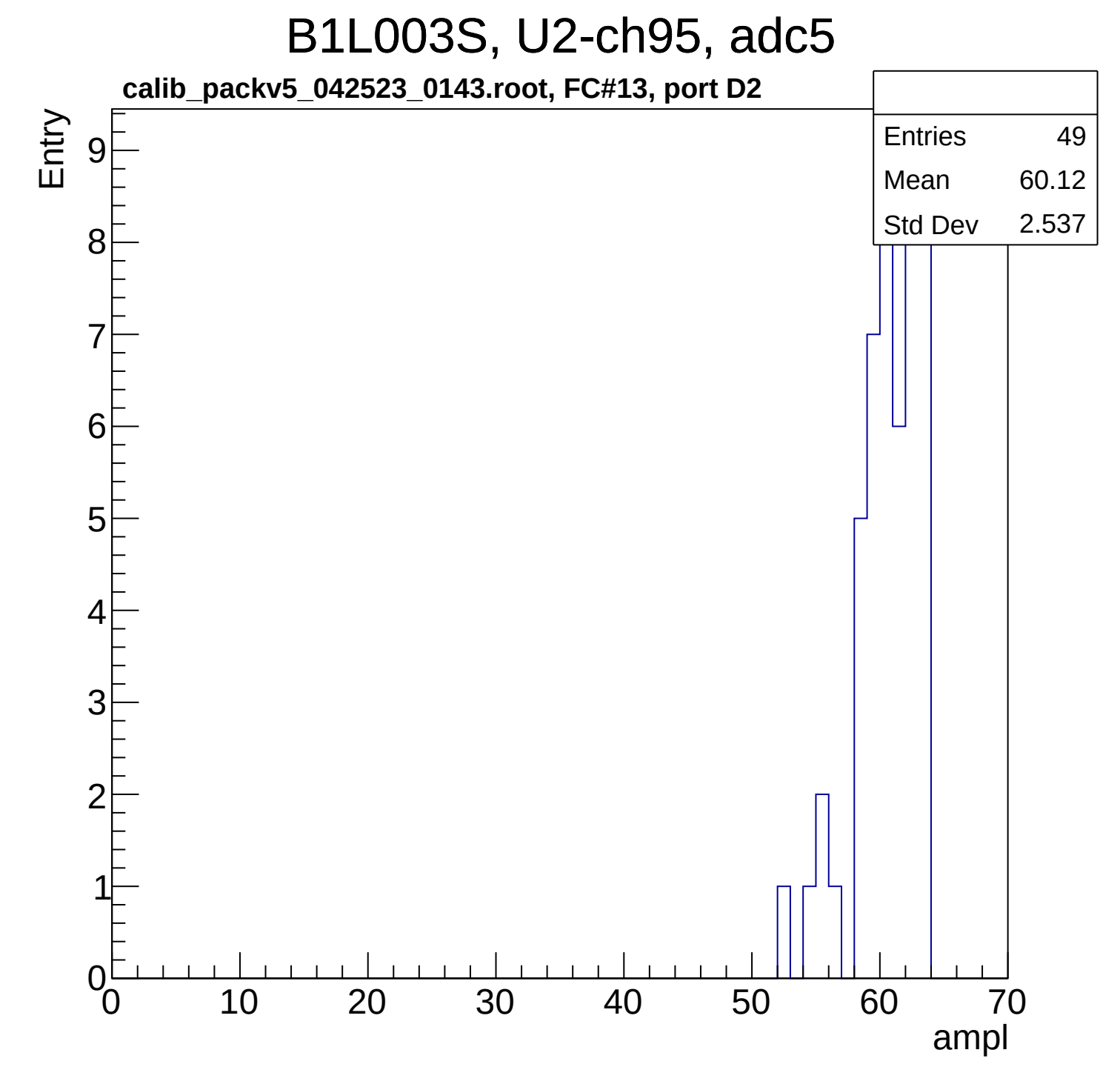

B1L003S, U2-ch95, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 93
Mean 49.3
Std Dev 3.744
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch95, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 56.29
Std Dev 2.711
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch95, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 60.12
Std Dev 2.537
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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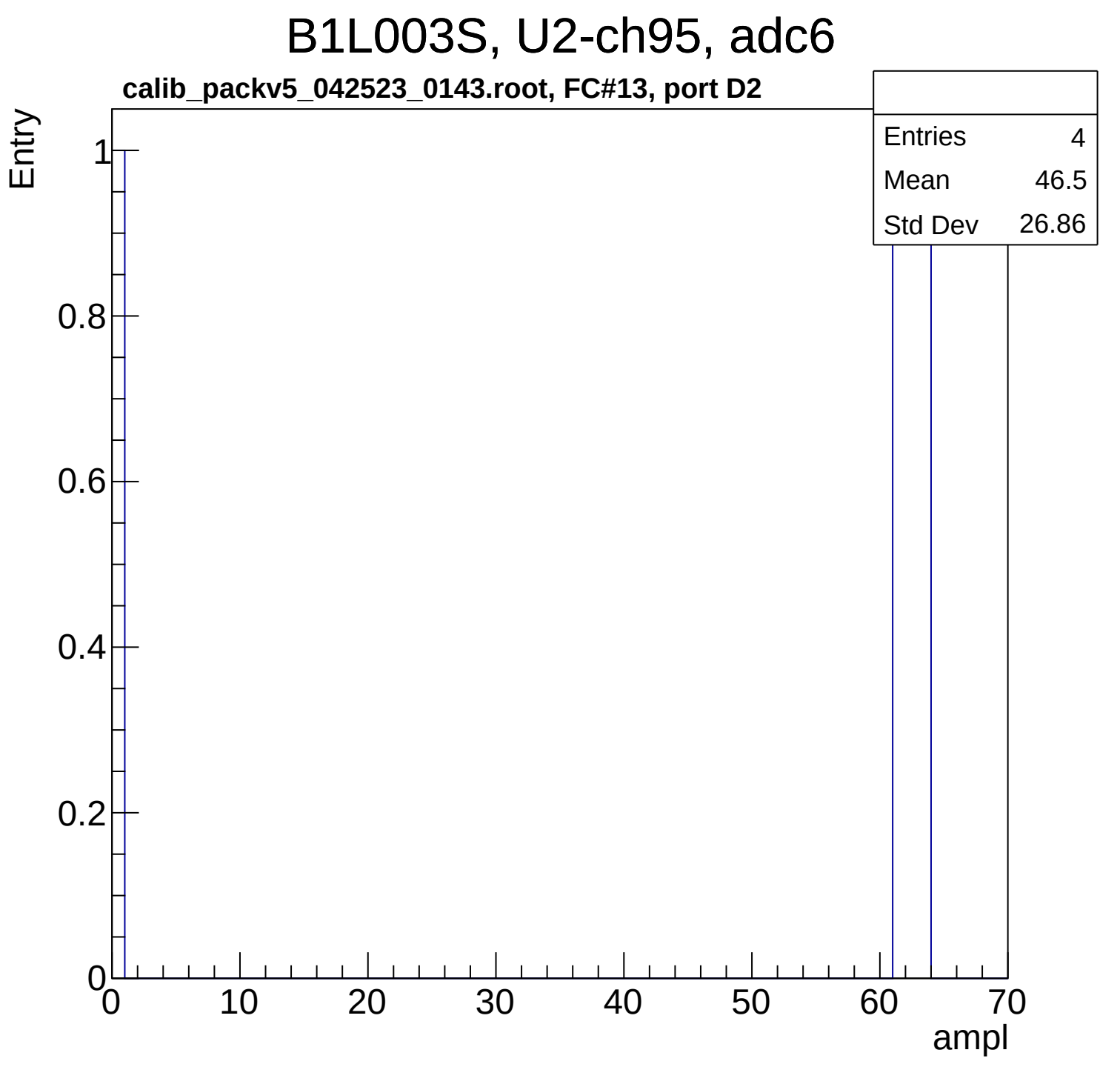
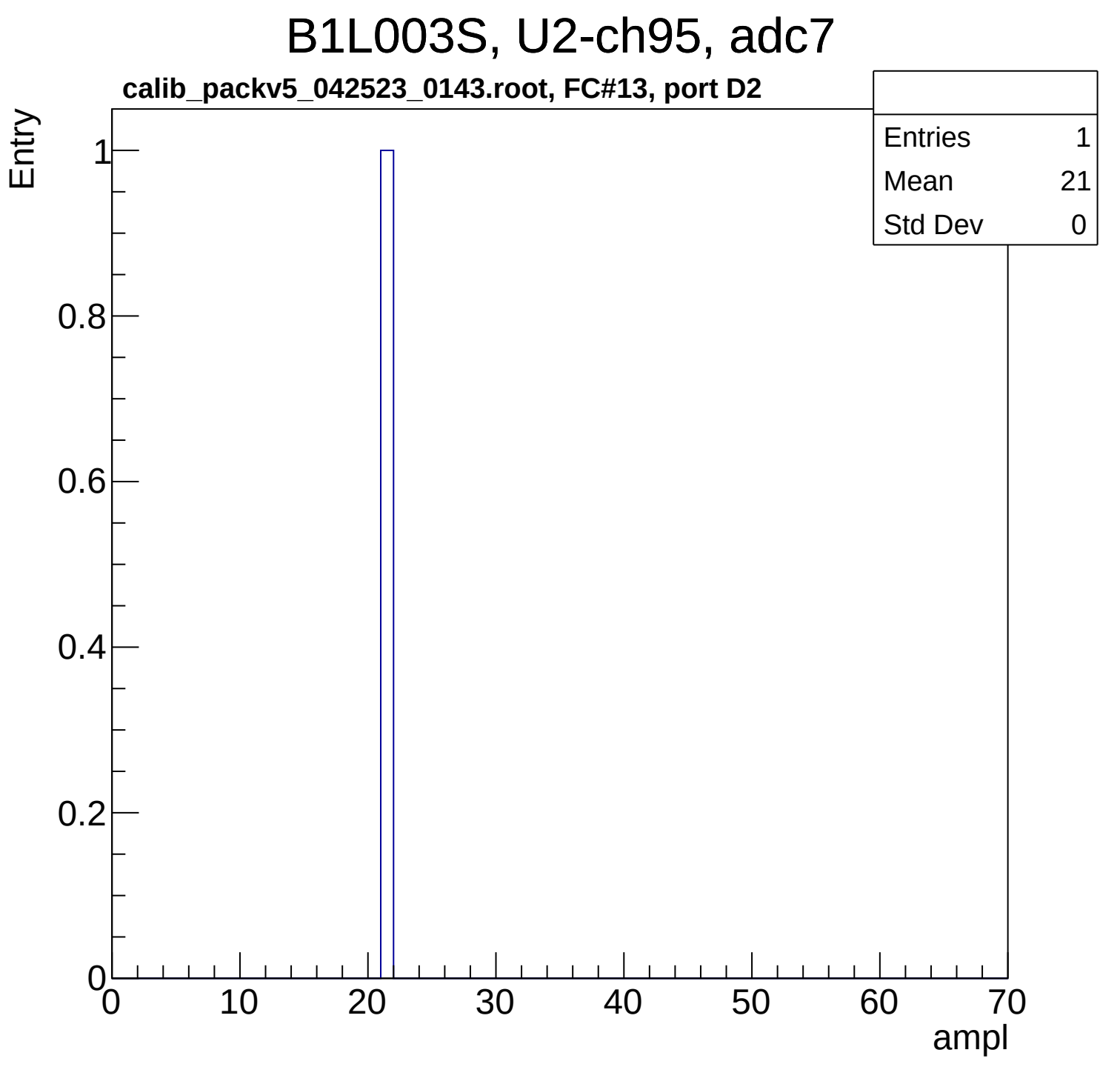

B1L003S, U2-ch95, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 46.5
Std Dev 26.86
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch95, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 21
Std Dev 0
Entry
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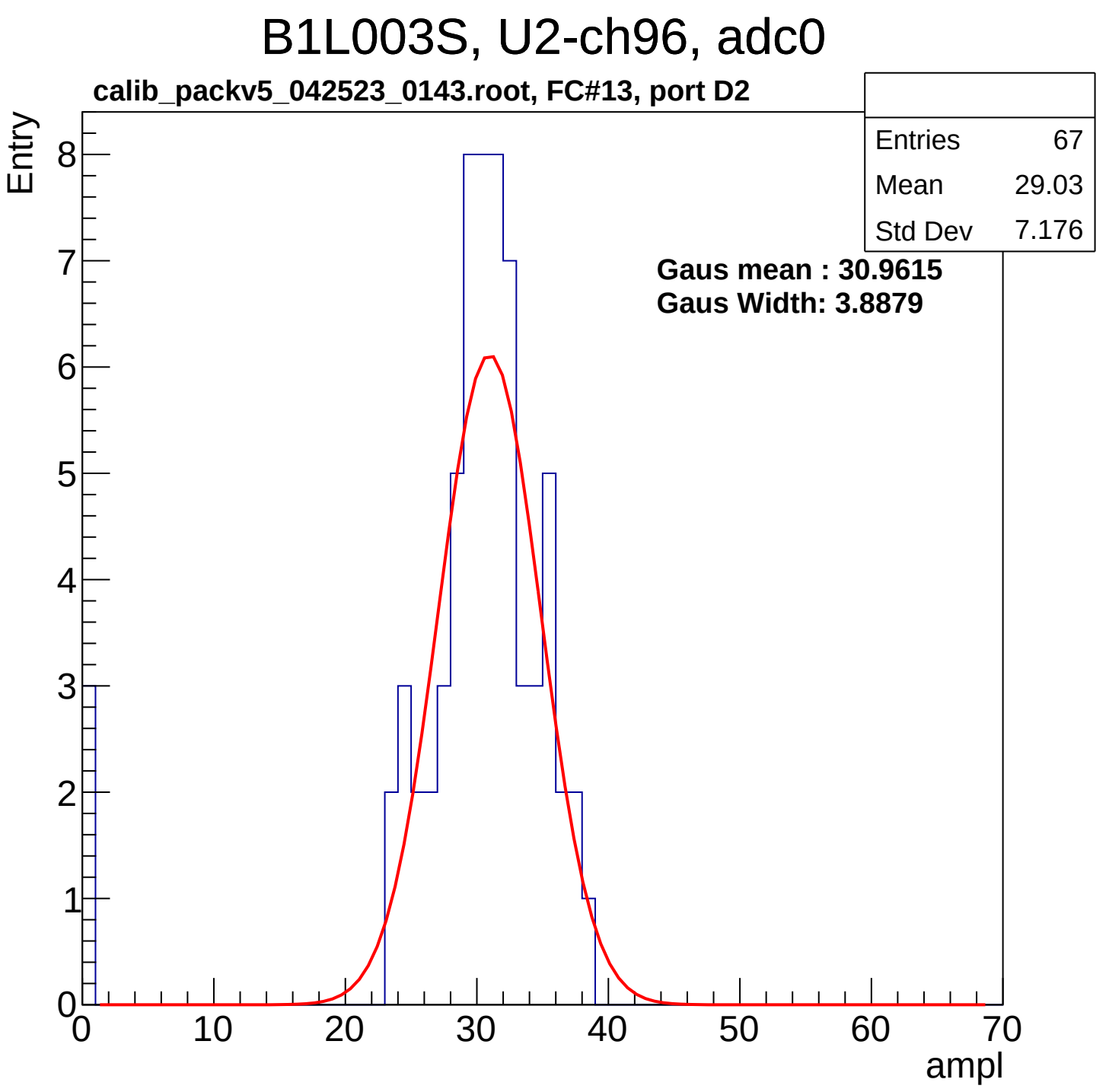
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch96, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 29.03
Std Dev 7.176
Gaus mean : 30.9615
Gaus Width: 3.8879
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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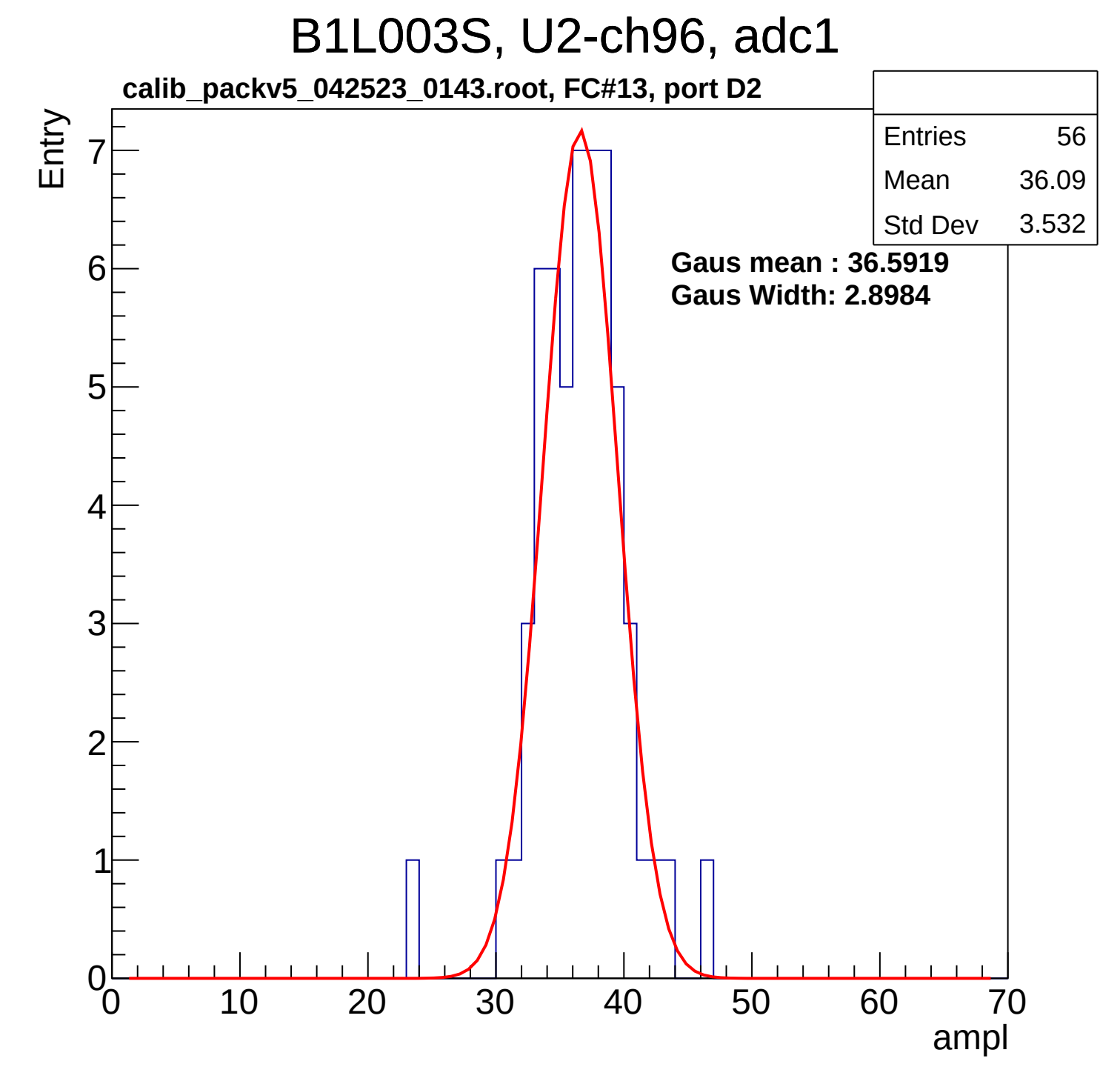
B1L003S, U2-ch96, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 36.09
Std Dev 3.532
Gaus mean : 36.5919
Gaus Width: 2.8984
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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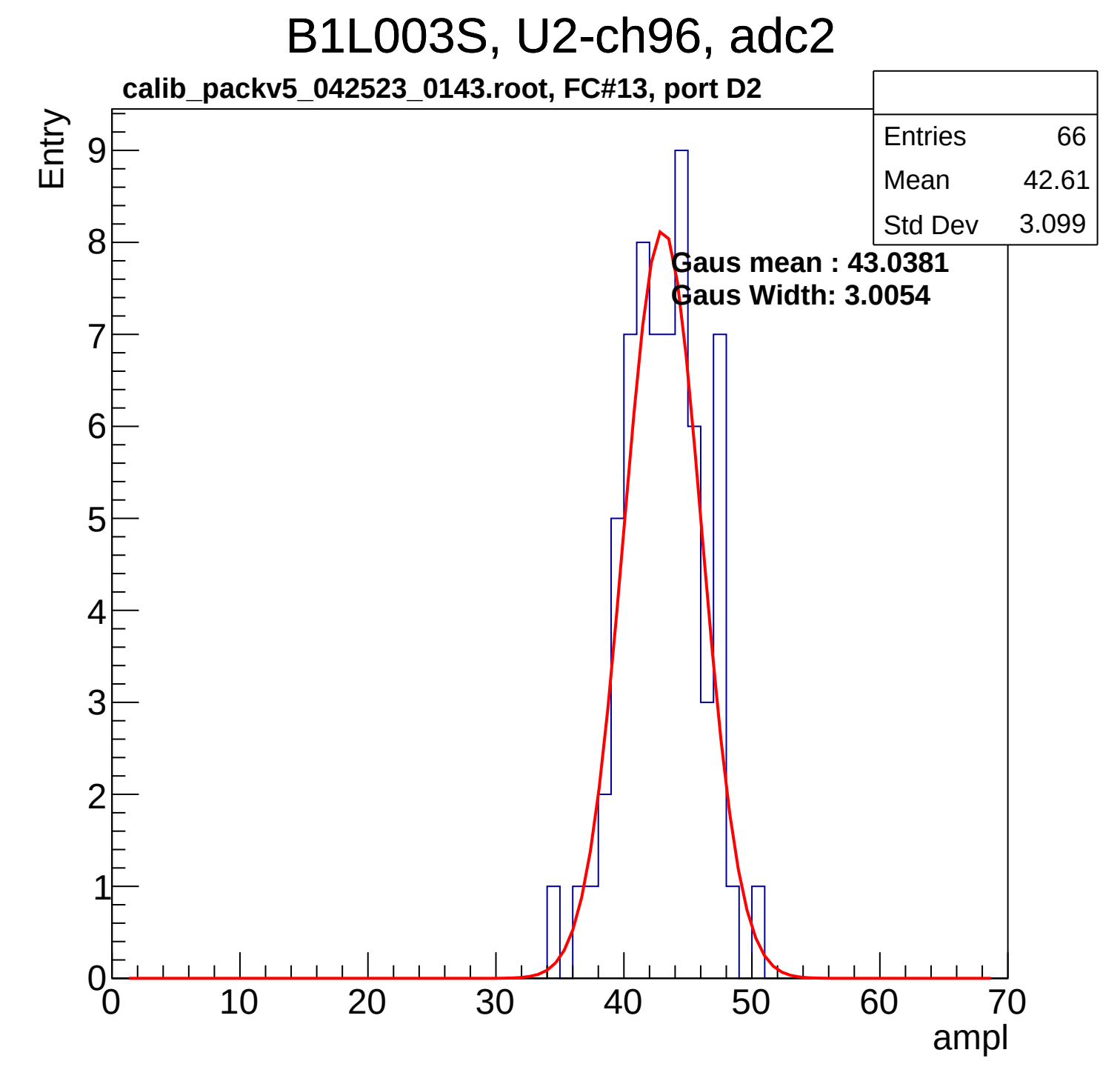
B1L003S, U2-ch96, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 42.61
Std Dev 3.099
Gaus mean : 43.0381
Gaus Width: 3.0054
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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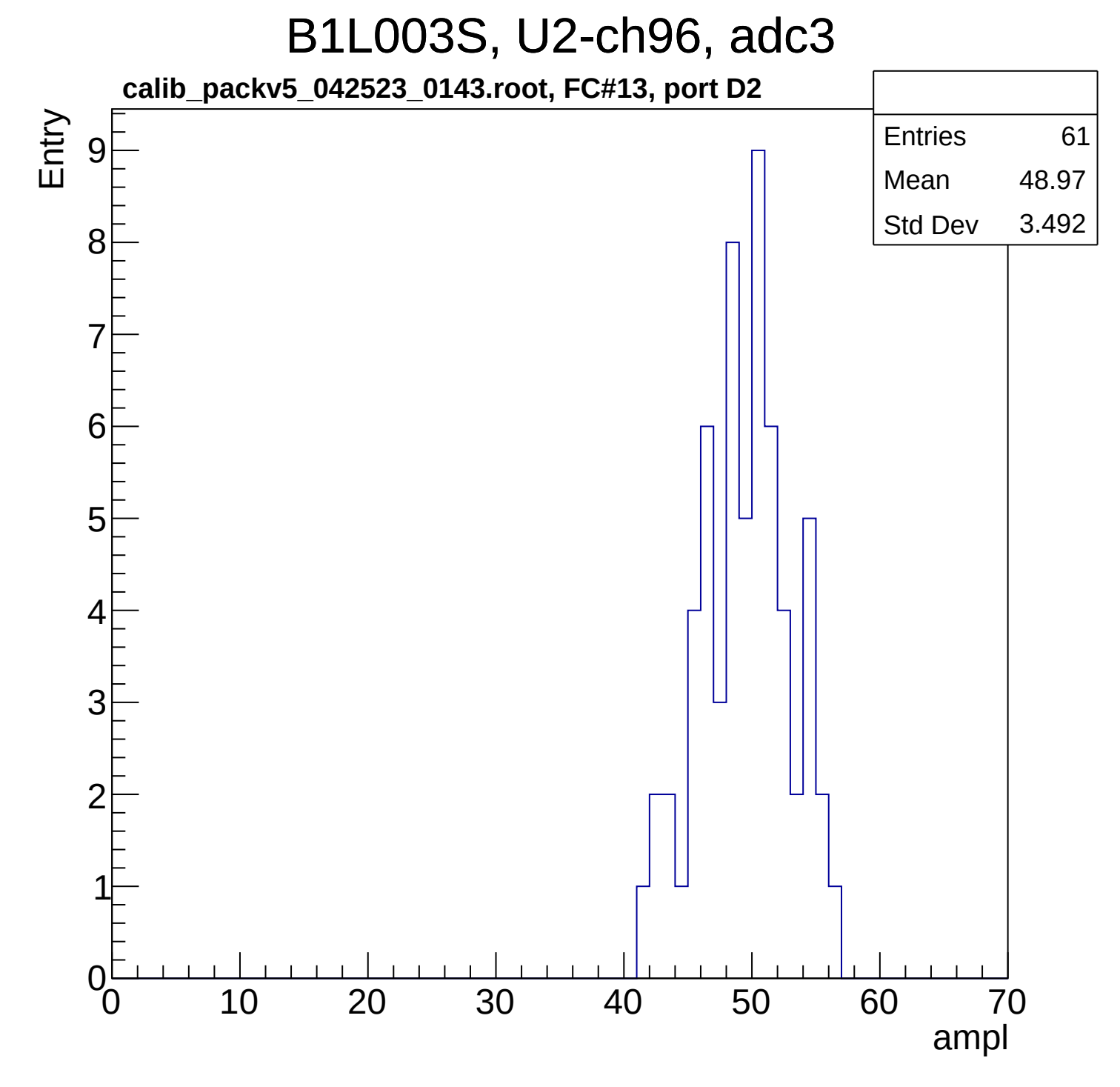
B1L003S, U2-ch96, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 48.97
Std Dev 3.492
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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60
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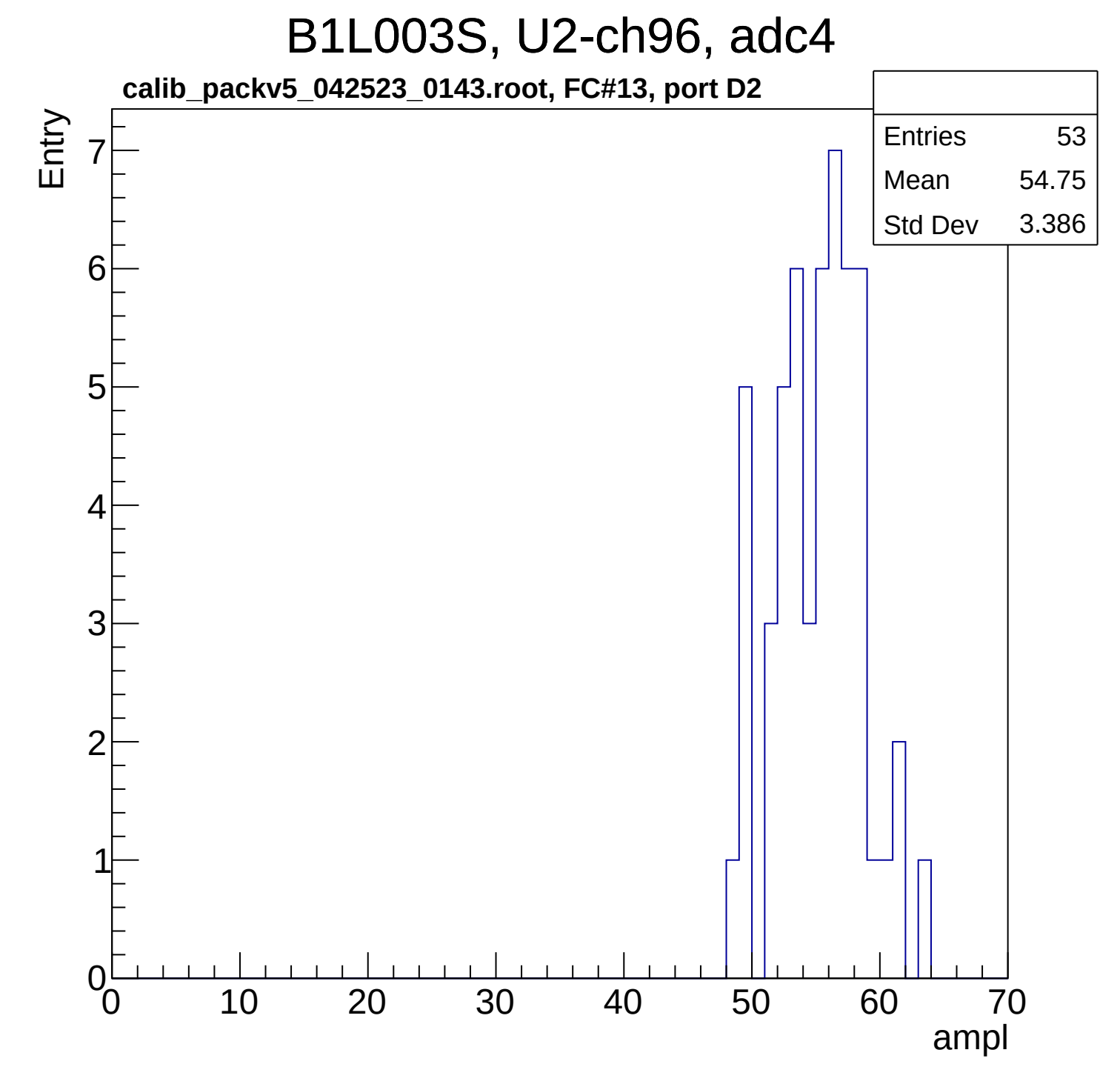
B1L003S, U2-ch96, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 54.75
Std Dev 3.386
Entry
ampl
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1
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4
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0
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60
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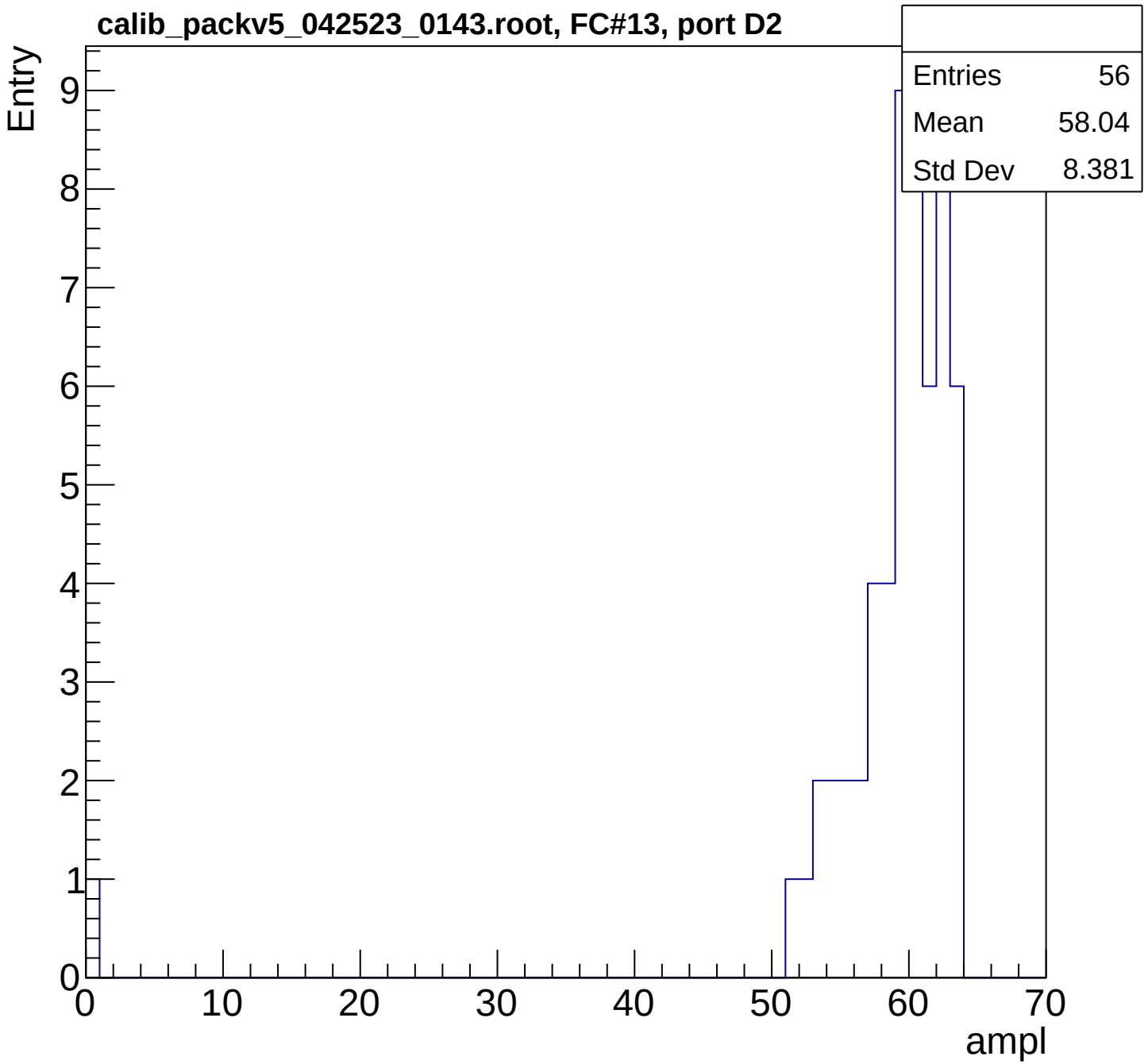
B1L003S, U2-ch96, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 58.04
Std Dev 8.381
Entry
ampl
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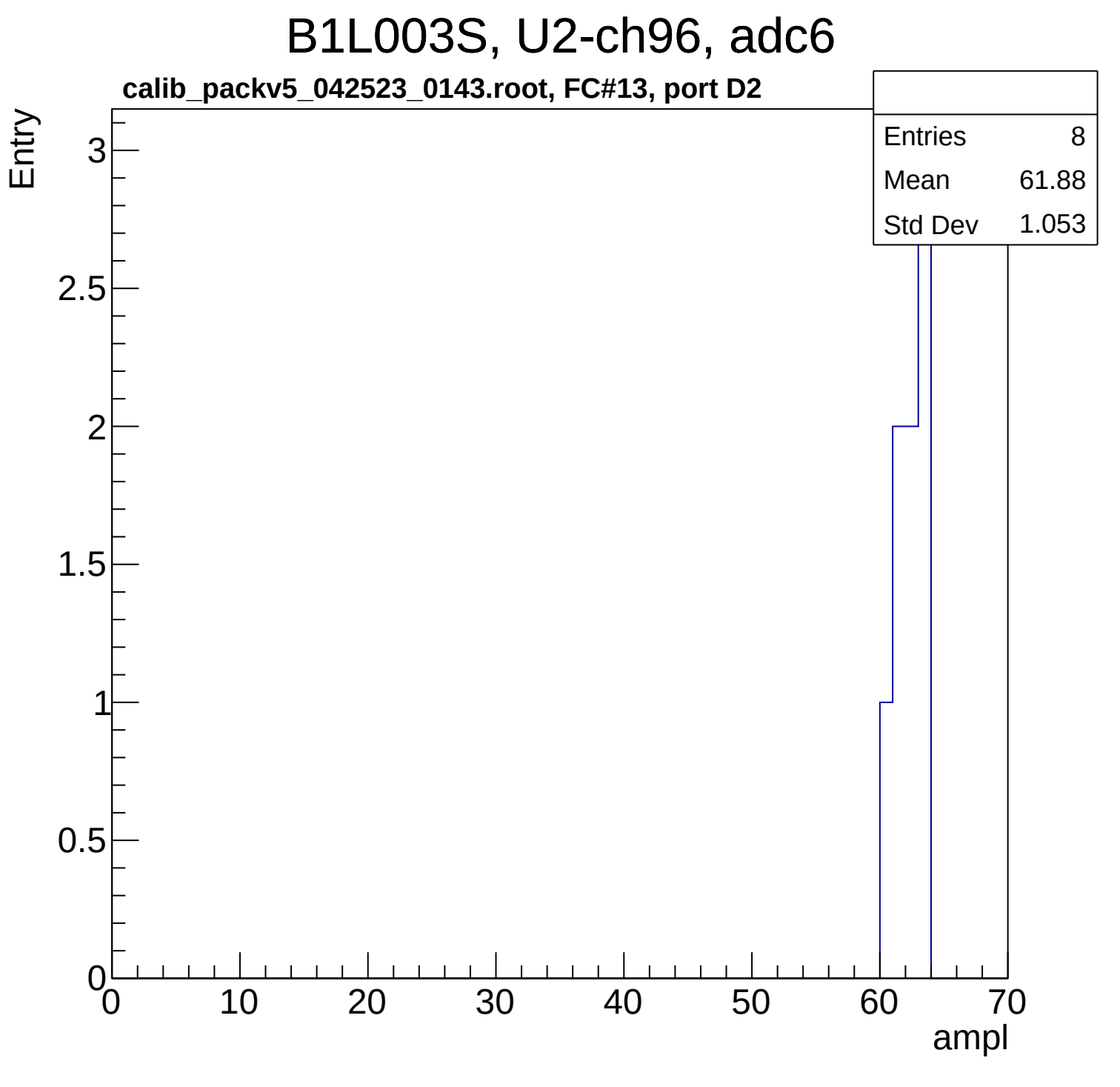
B1L003S, U2-ch96, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 61.88
Std Dev 1.053
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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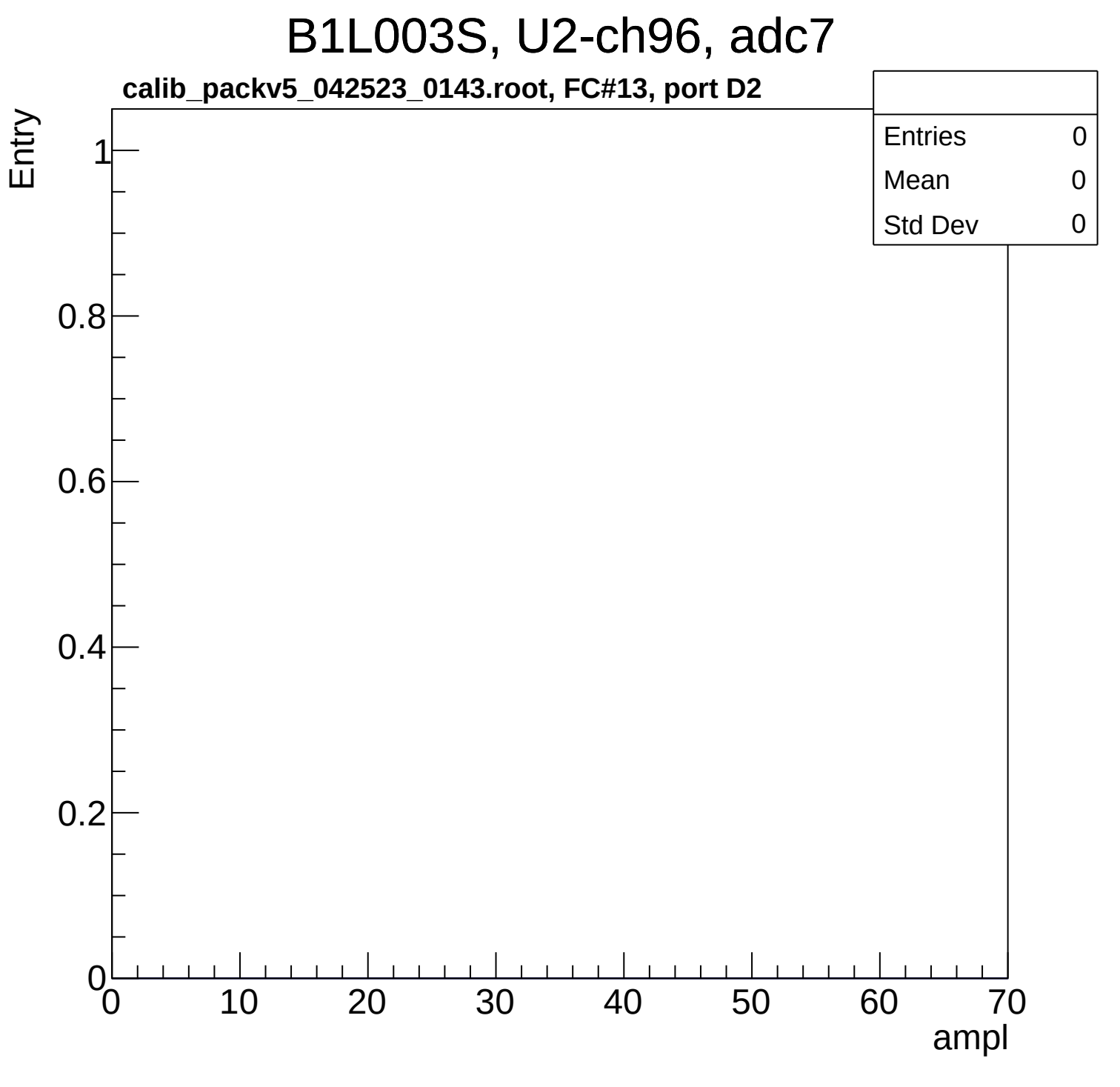
40
50
60
70


B1L003S, U2-ch96, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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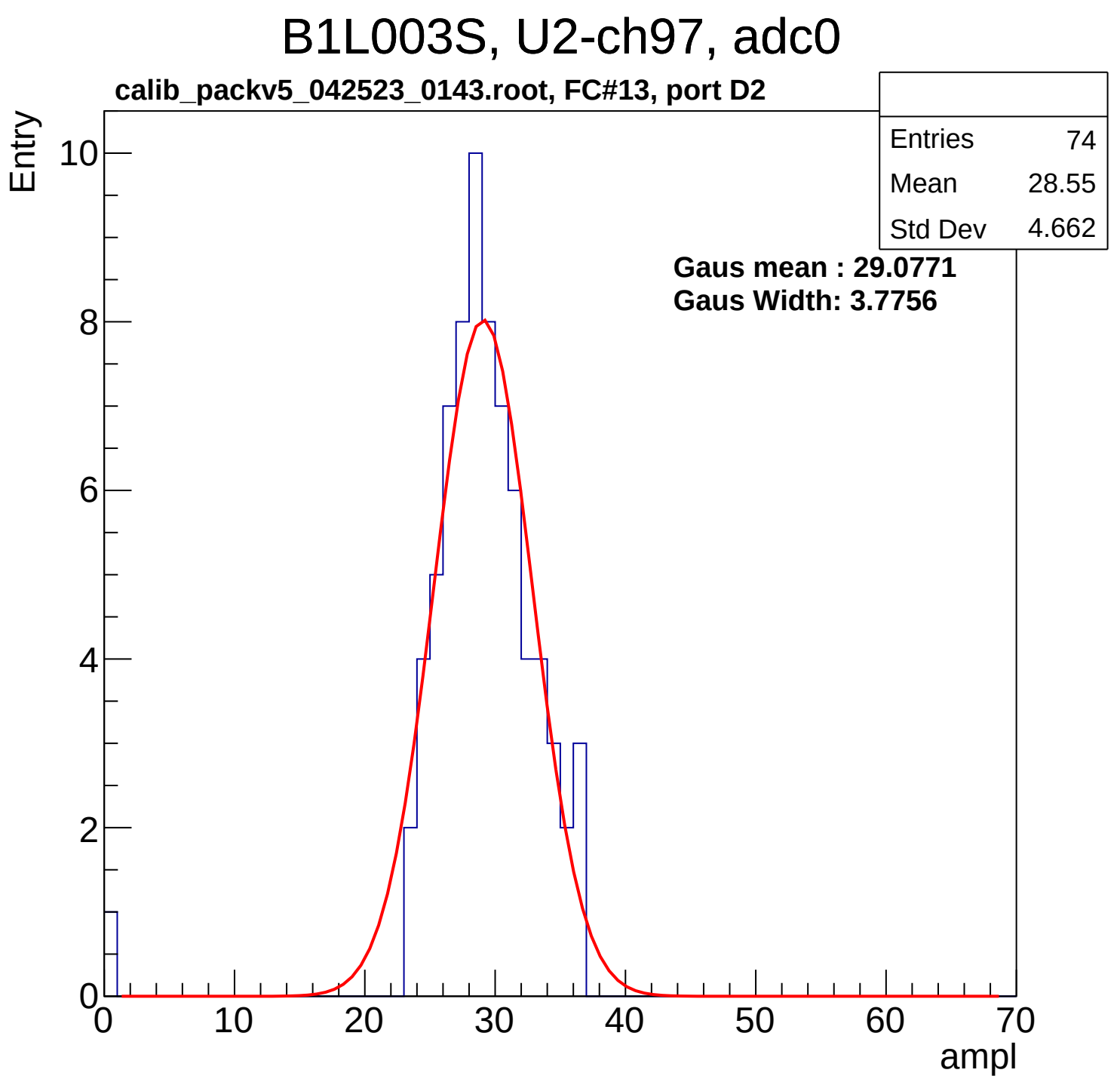
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch97, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 28.55
Std Dev 4.662
Gaus mean : 29.0771
Gaus Width: 3.7756
Entry
ampl
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2
4
6
8
10
0
10
20
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40
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60
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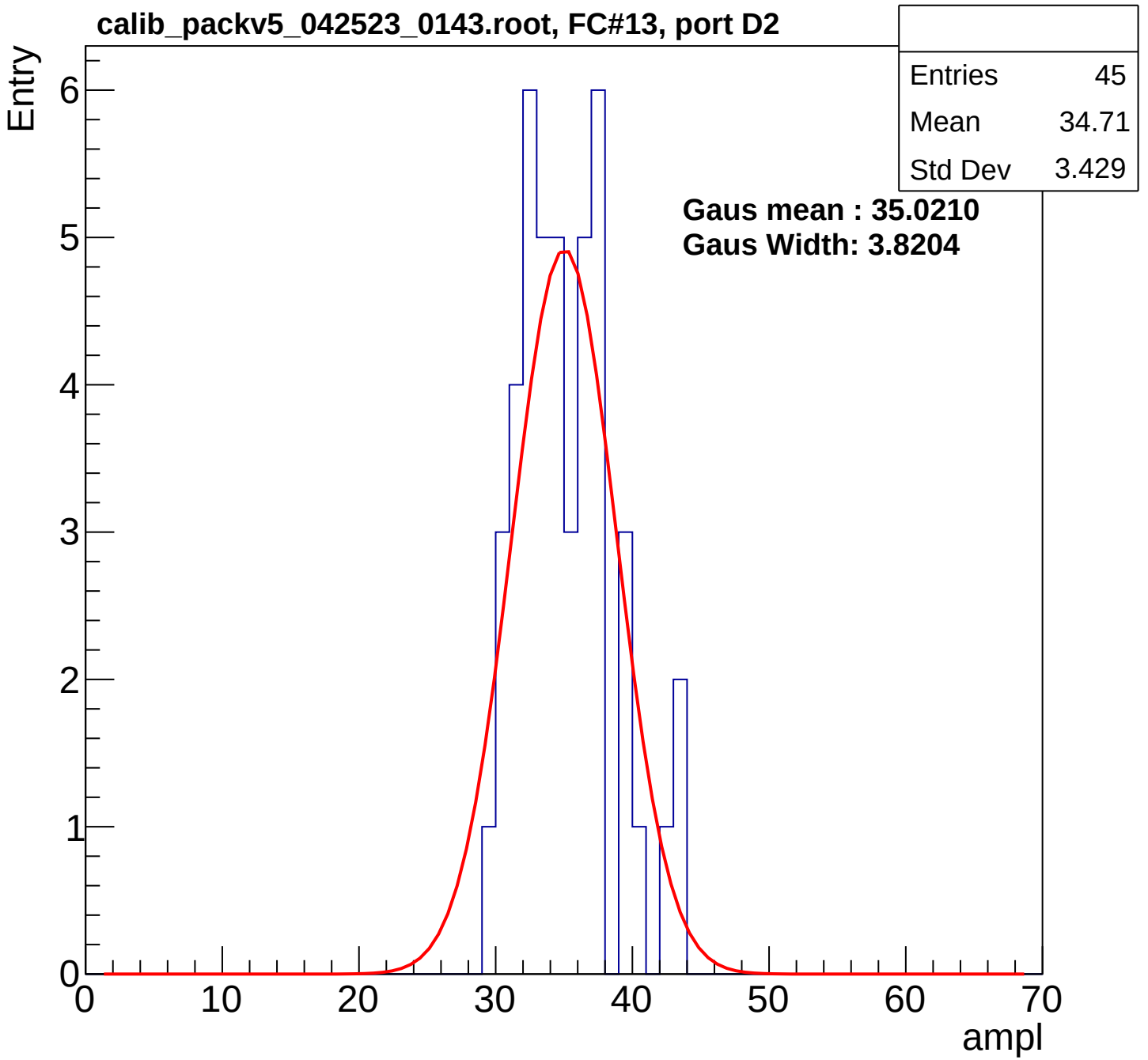
B1L003S, U2-ch97, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 34.71
Std Dev 3.429
Gaus mean : 35.0210
Gaus Width: 3.8204
Entry
ampl
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2
3
4
5
6
0
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40
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60
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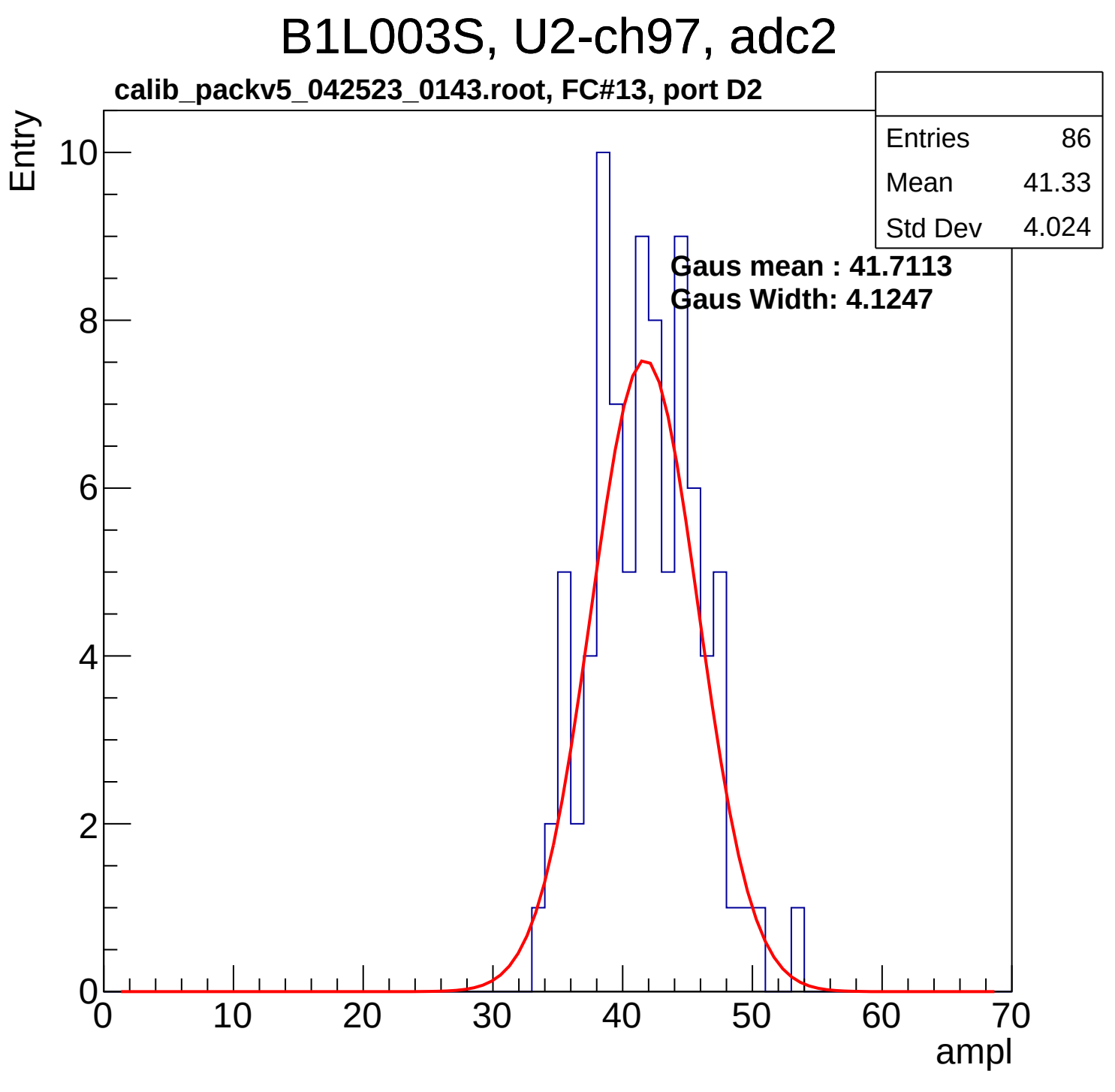
B1L003S, U2-ch97, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 86
Mean 41.33
Std Dev 4.024
Gaus mean : 41.7113
Gaus Width: 4.1247
Entry
ampl
0
2
4
6
8
10
0
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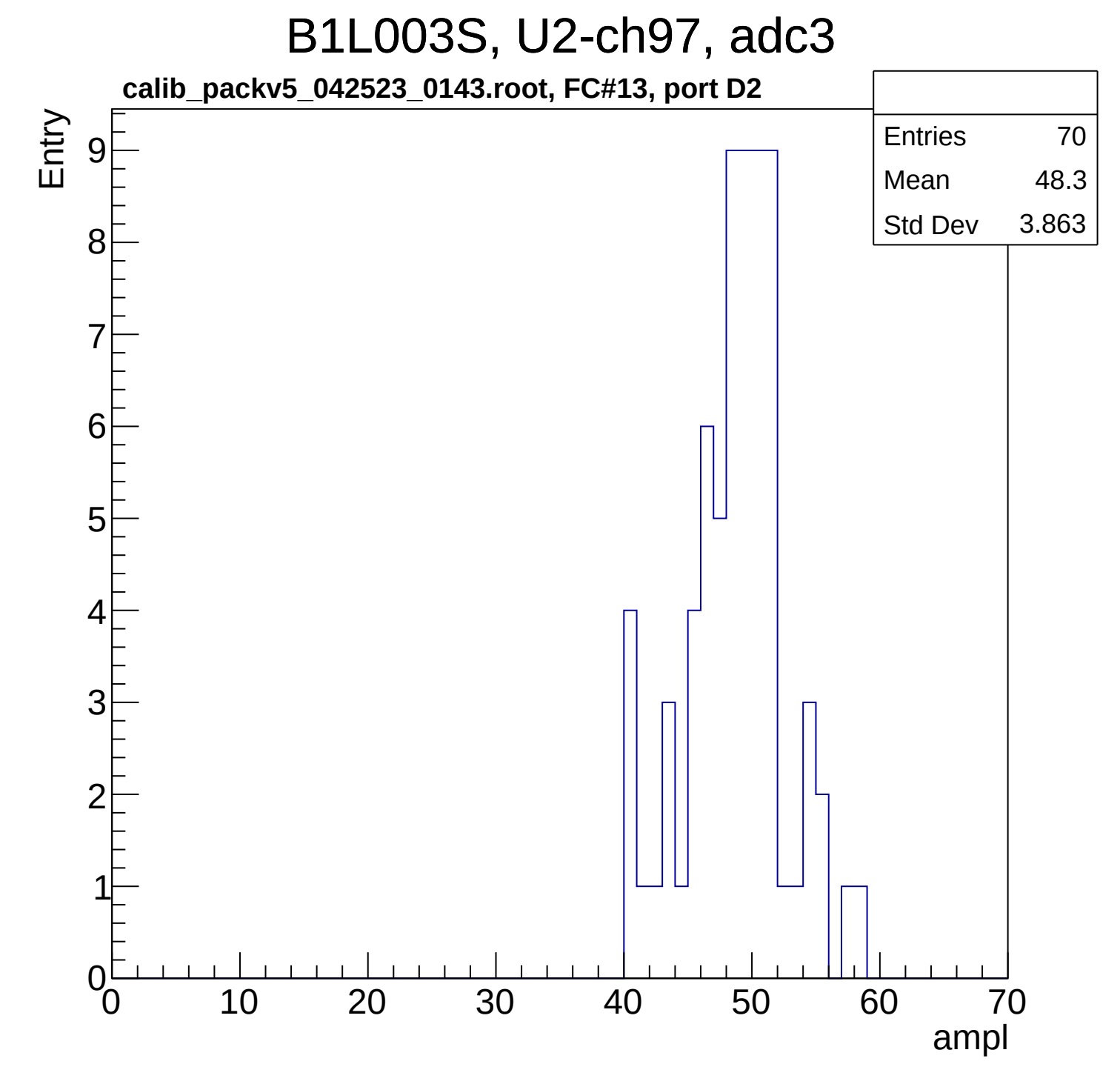
20
30
40
50
60
70


B1L003S, U2-ch97, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 48.3
Std Dev 3.863
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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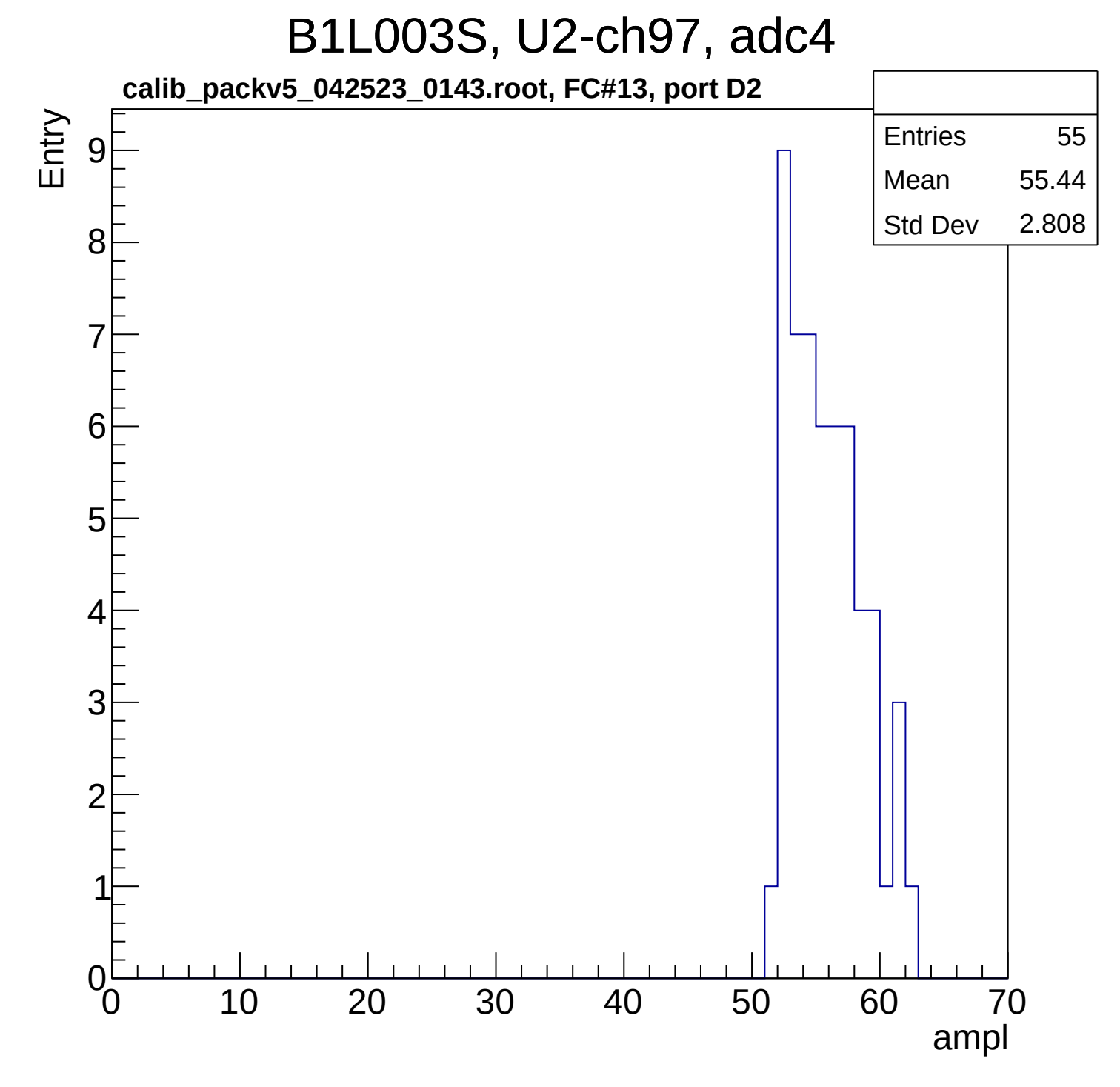
B1L003S, U2-ch97, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 55.44
Std Dev 2.808
Entry
ampl
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2
3
4
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7
8
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0
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60
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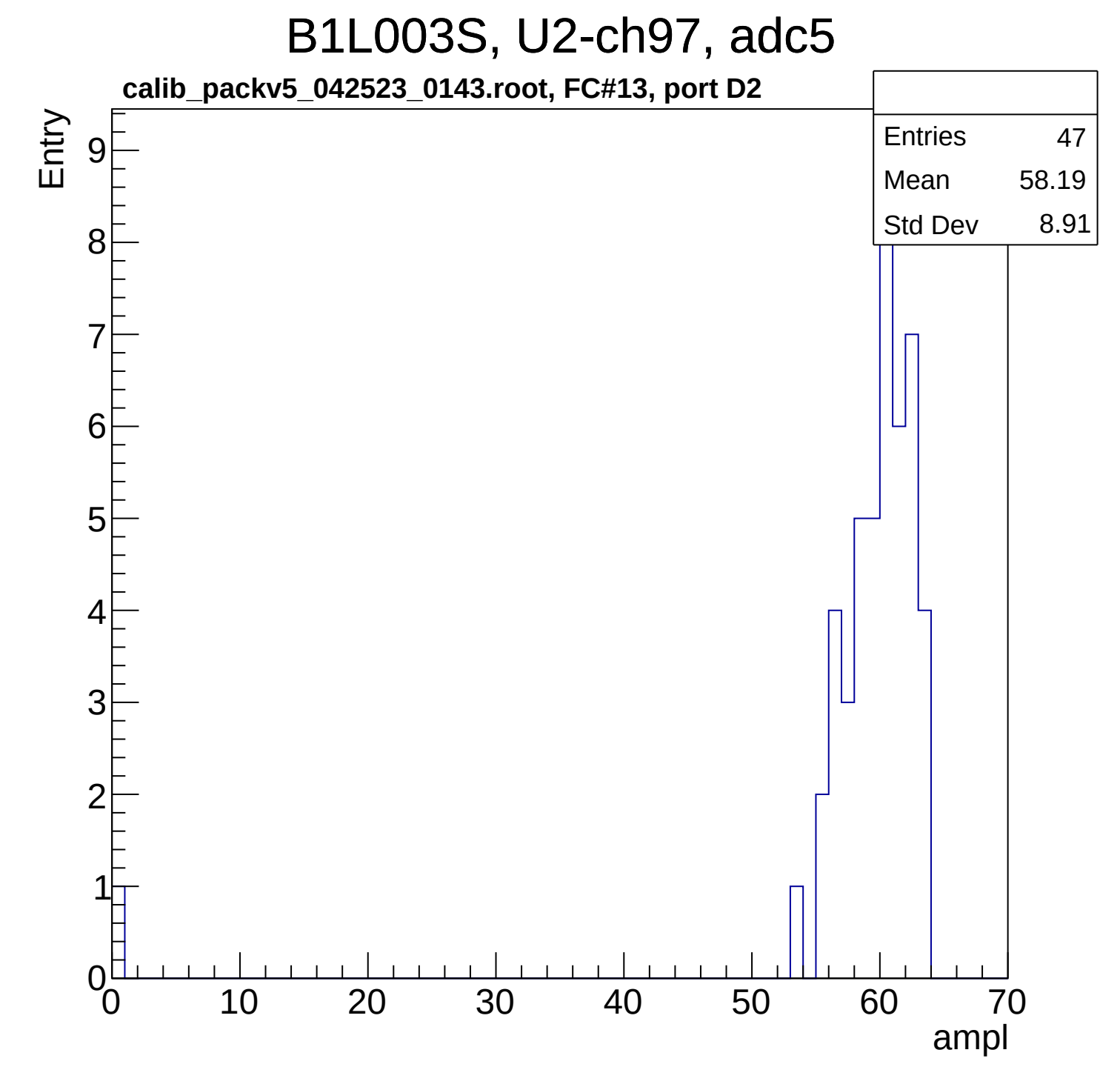
B1L003S, U2-ch97, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.19
Std Dev 8.91
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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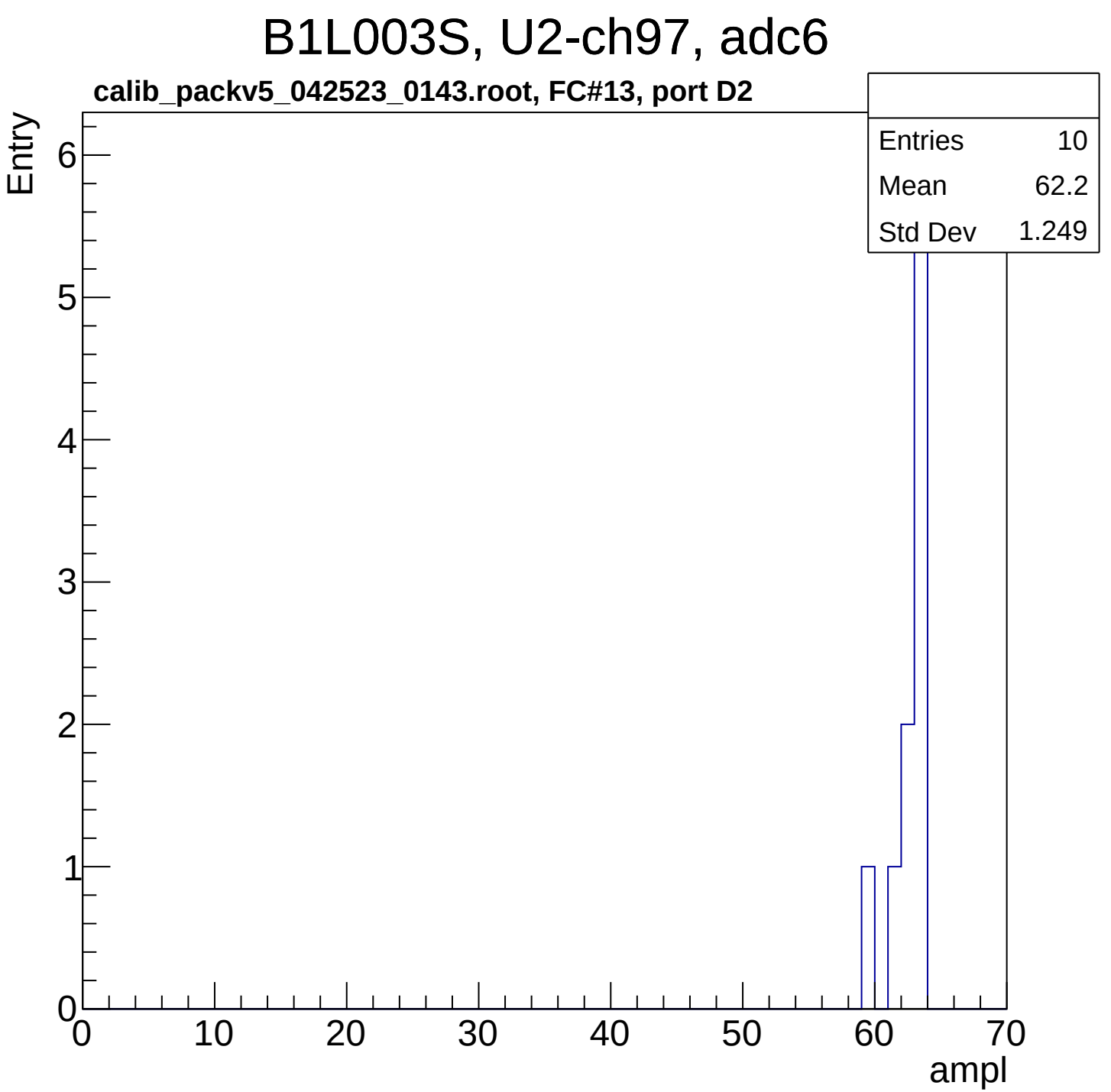
B1L003S, U2-ch97, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 62.2
Std Dev 1.249
Entry
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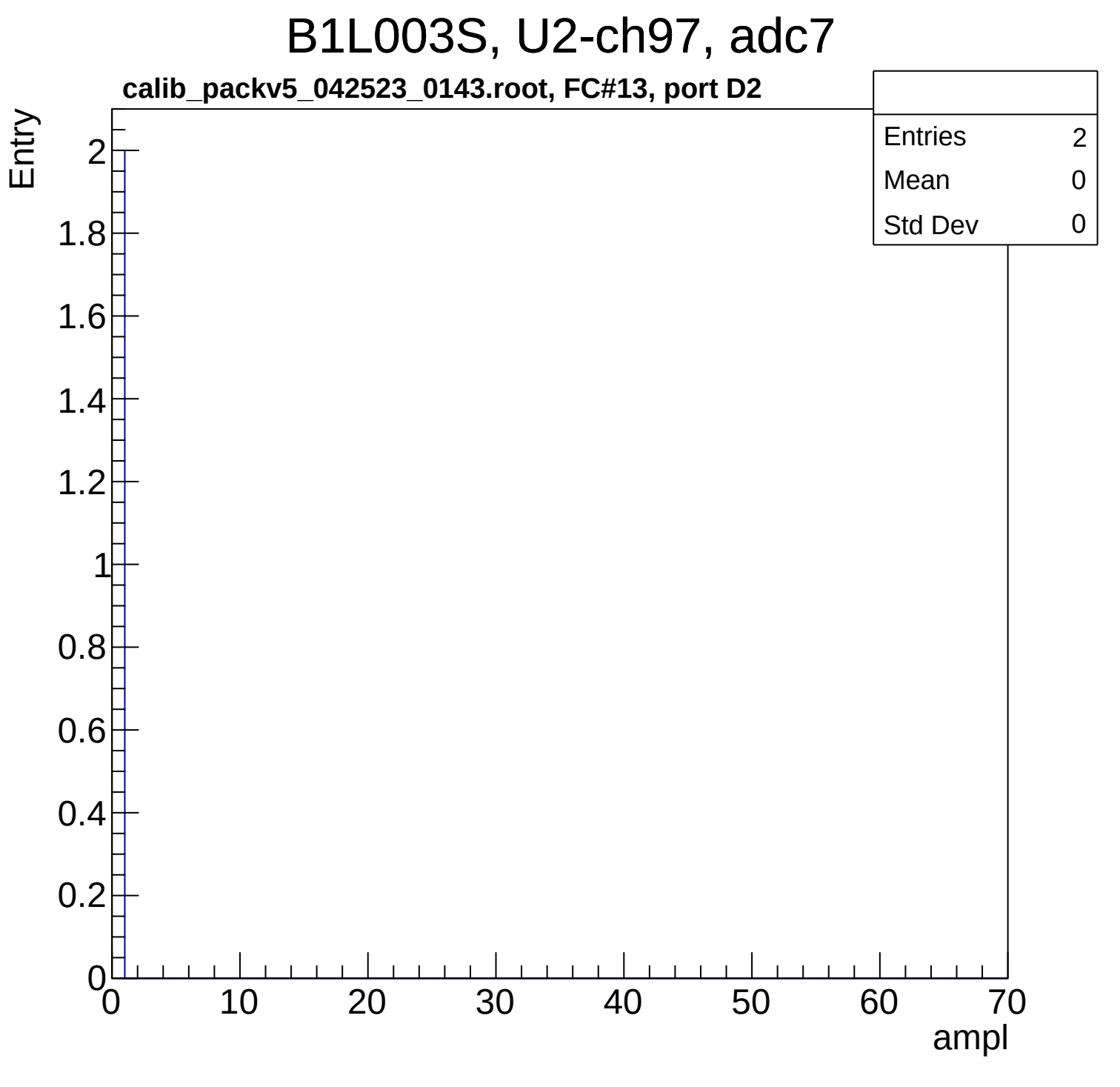
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch97, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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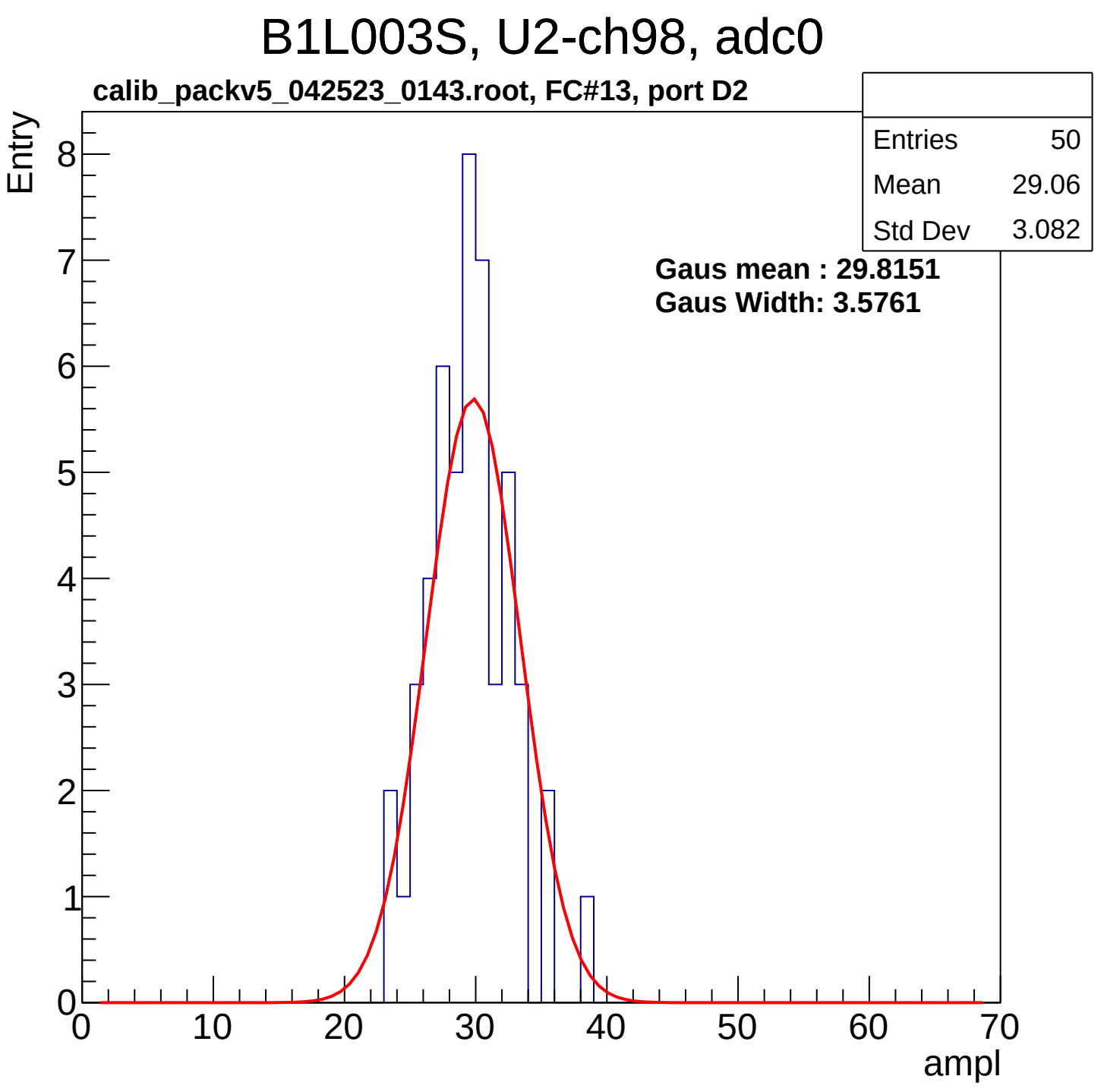
B1L003S, U2-ch98, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 29.06
Std Dev 3.082
Gaus mean : 29.8151
Gaus Width: 3.5761
Entry
ampl
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2
3
4
5
6
7
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0
10
20
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50
60
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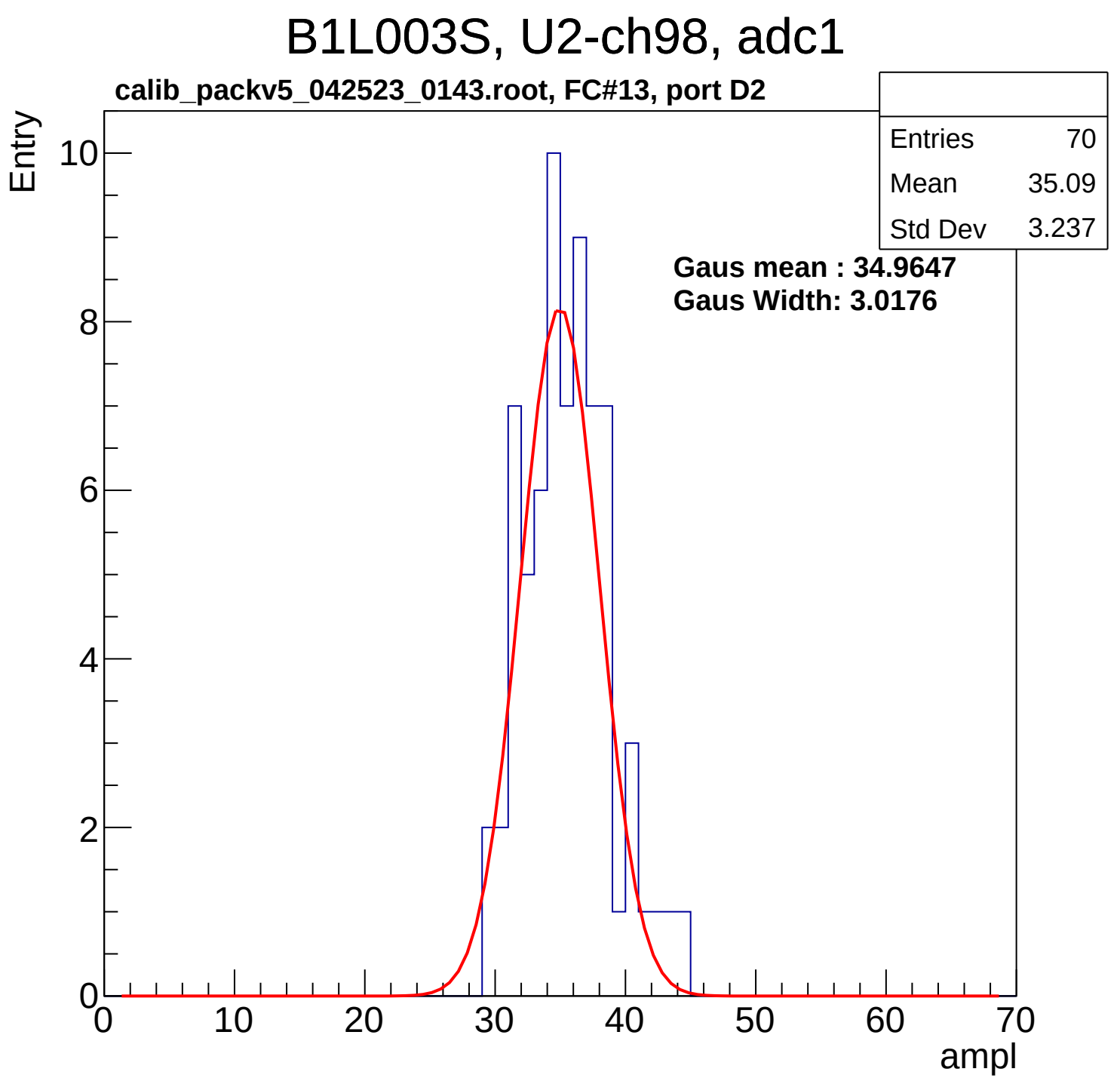
B1L003S, U2-ch98, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 35.09
Std Dev 3.237
Gaus mean : 34.9647
Gaus Width: 3.0176
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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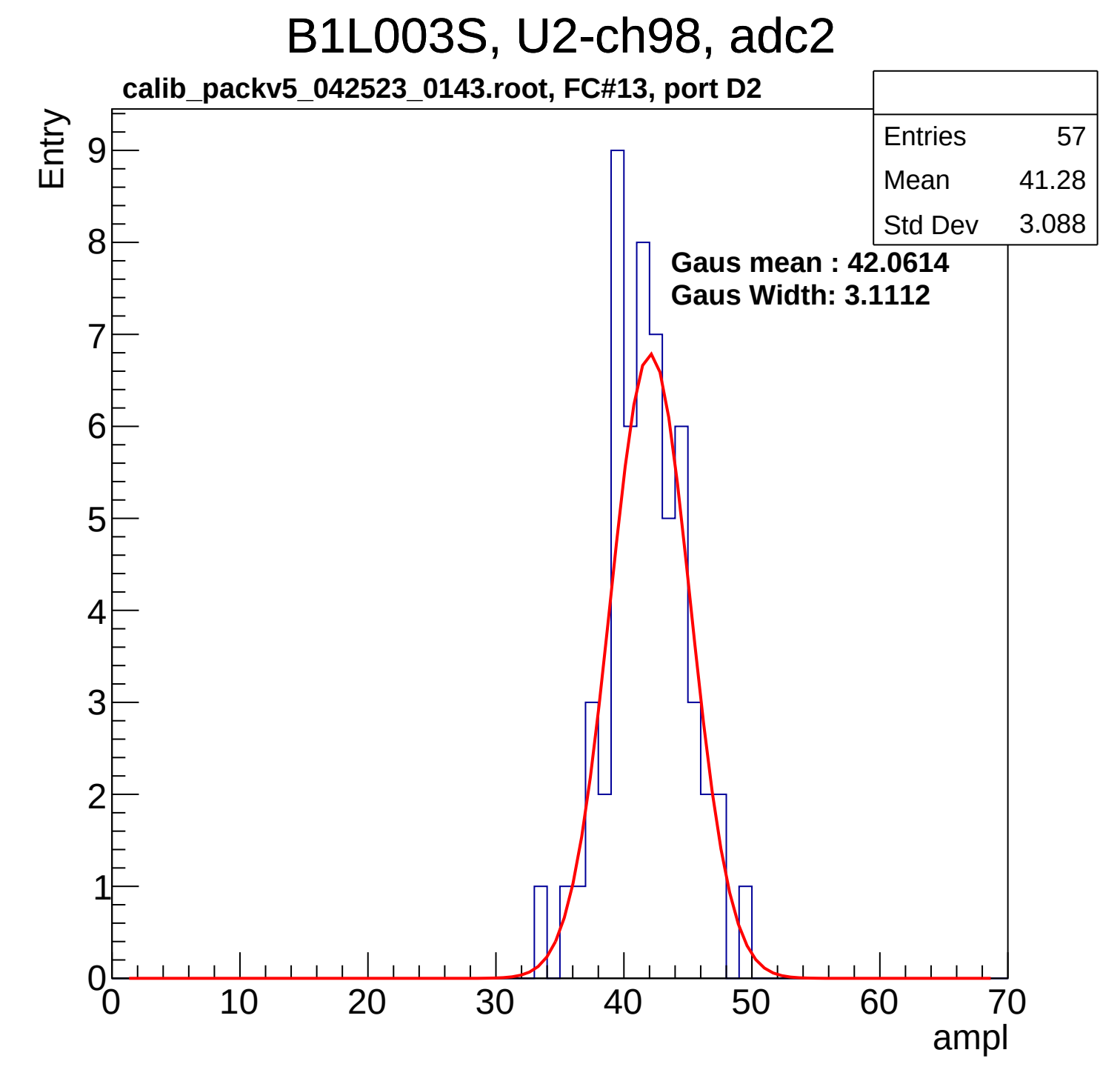
B1L003S, U2-ch98, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 41.28
Std Dev 3.088
Gaus mean : 42.0614
Gaus Width: 3.1112
Entry
ampl
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2
3
4
5
6
7
8
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0
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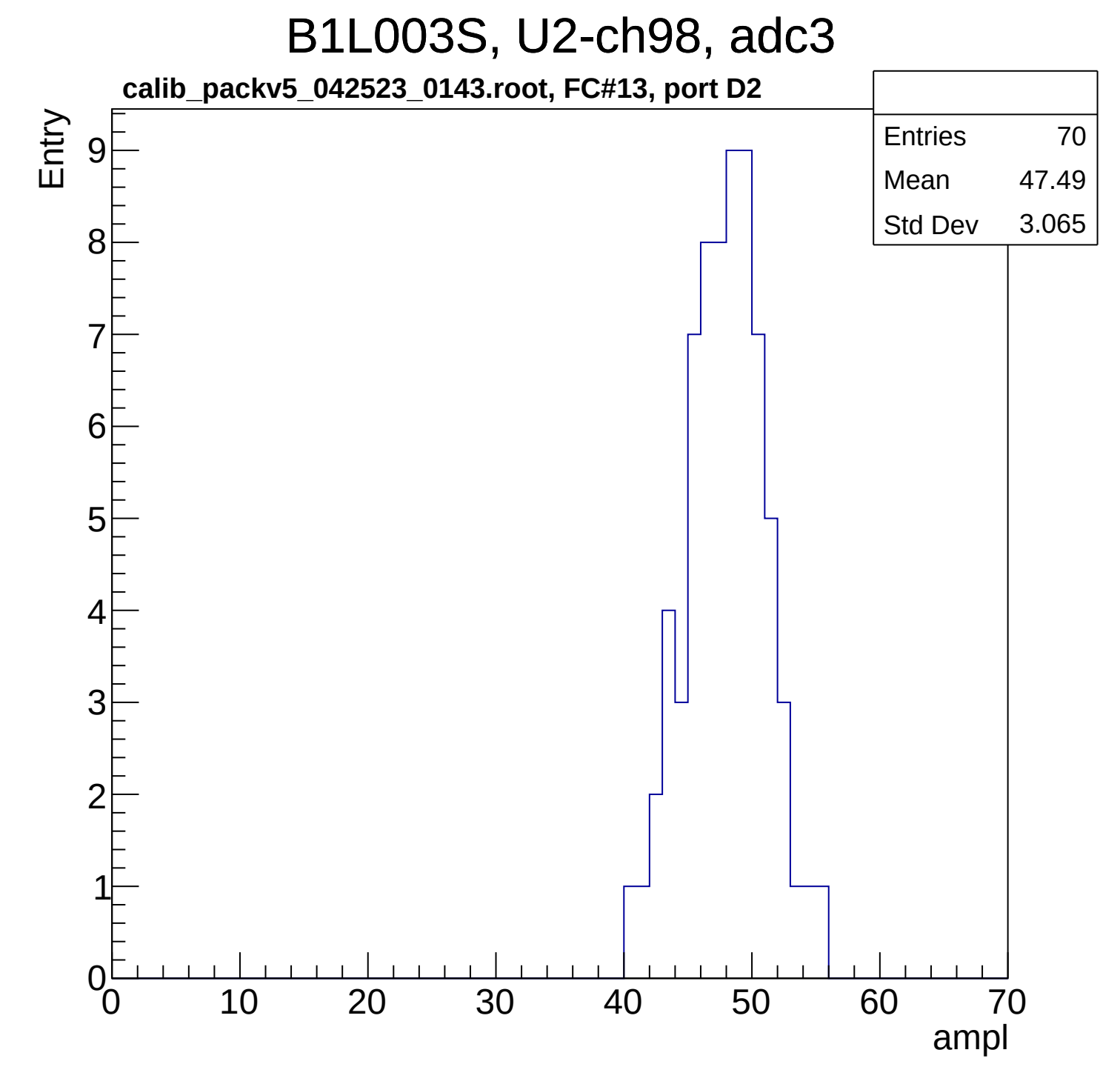
B1L003S, U2-ch98, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 47.49
Std Dev 3.065
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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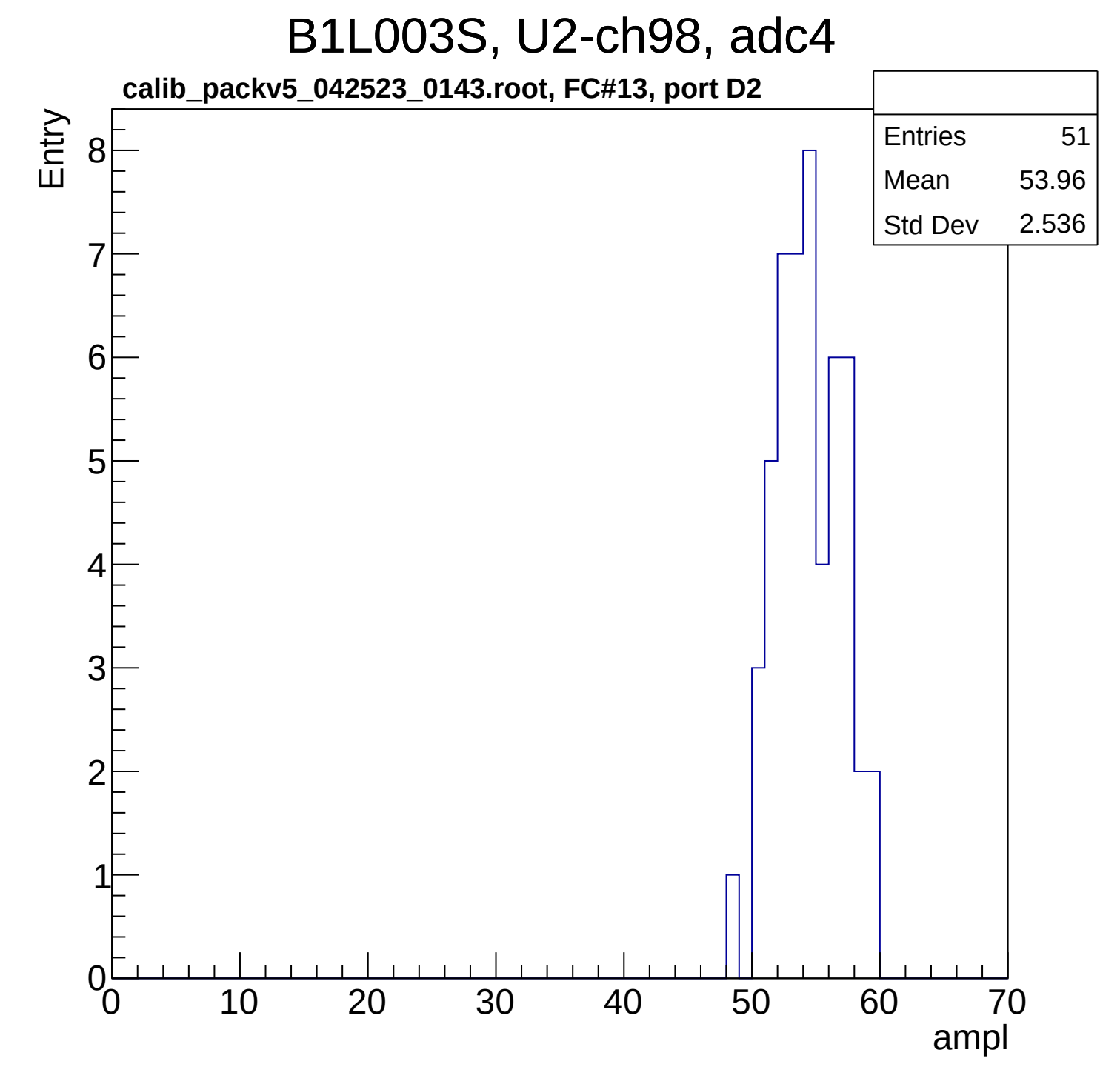
B1L003S, U2-ch98, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 53.96
Std Dev 2.536
Entry
ampl
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7
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0
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40
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60
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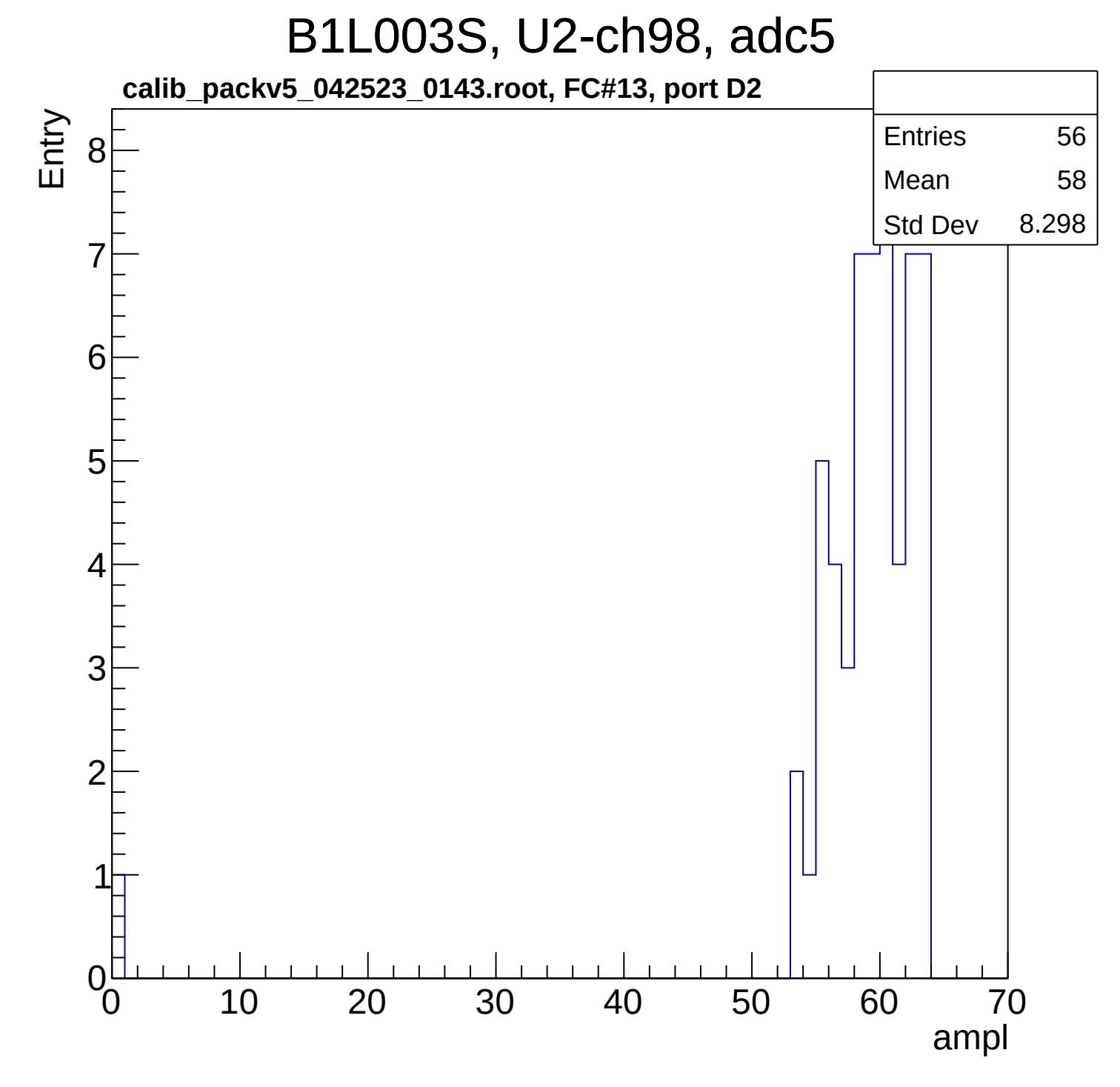
B1L003S, U2-ch98, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 58
Std Dev 8.298
Entry
ampl
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0
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60
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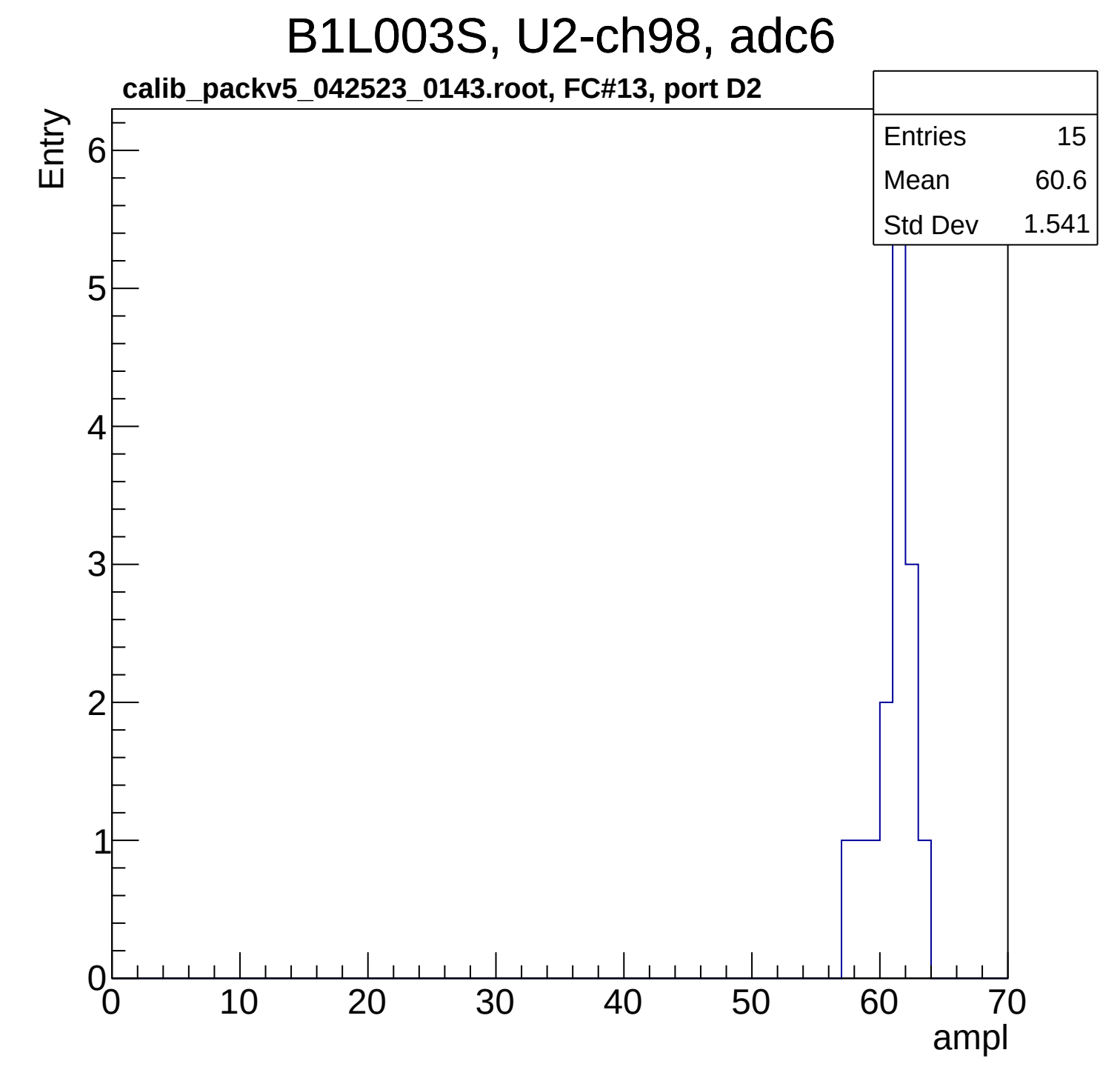
B1L003S, U2-ch98, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 15
Mean 60.6
Std Dev 1.541
Entry
ampl
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5
6
0
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20
30
40
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60
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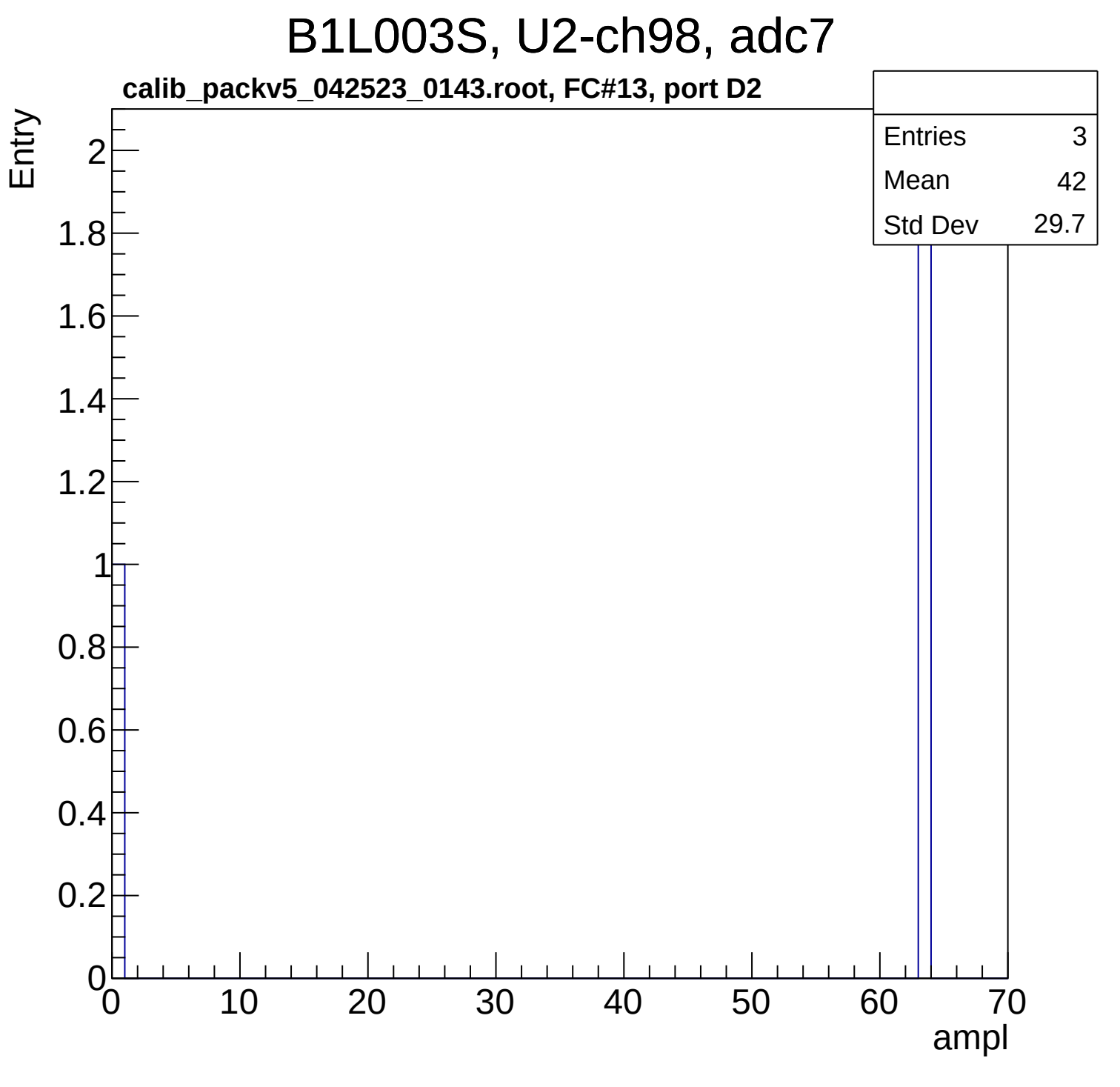
B1L003S, U2-ch98, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
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20
30
40
50
60
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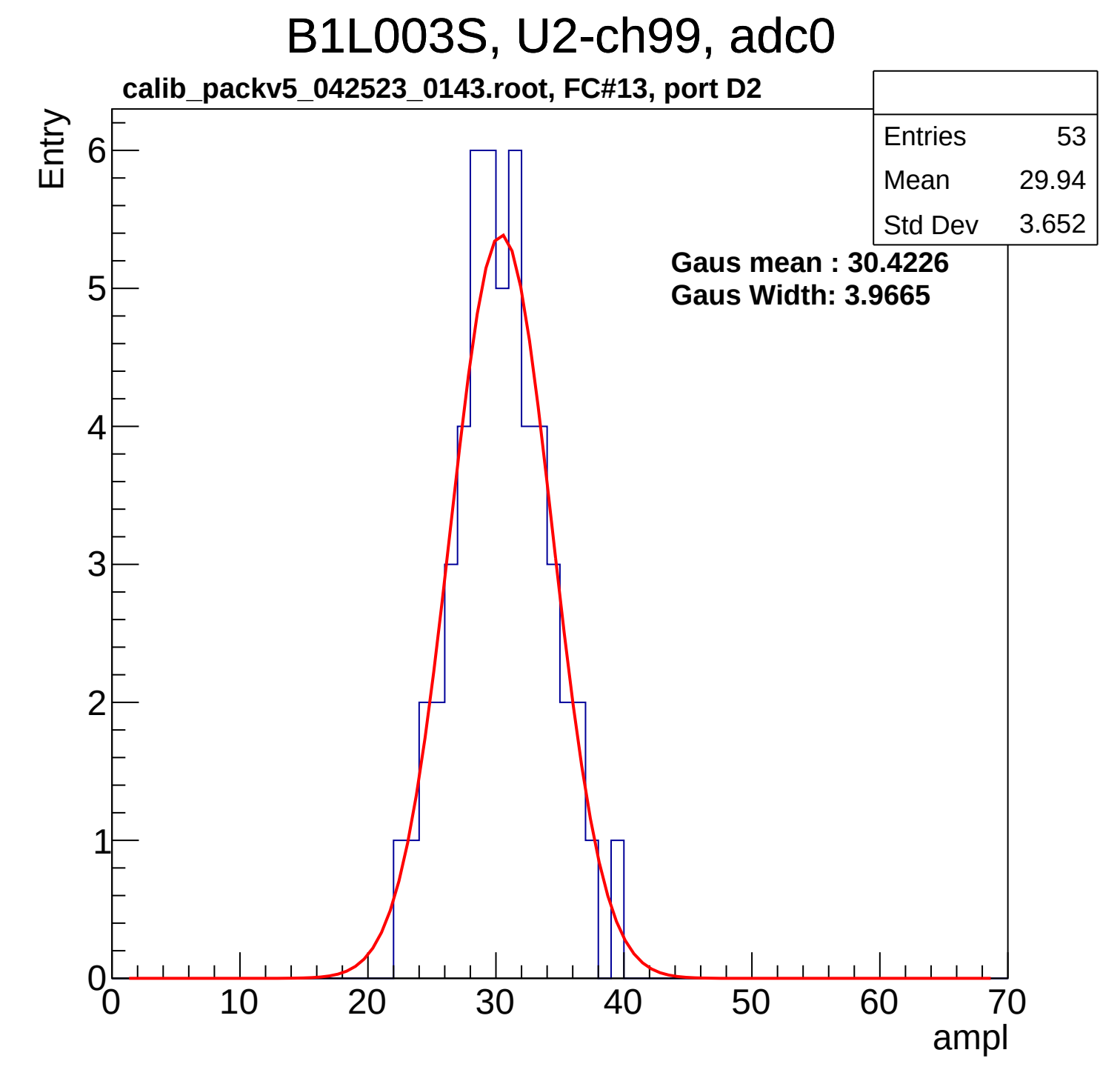
B1L003S, U2-ch99, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 29.94
Std Dev 3.652
Gaus mean : 30.4226
Gaus Width: 3.9665
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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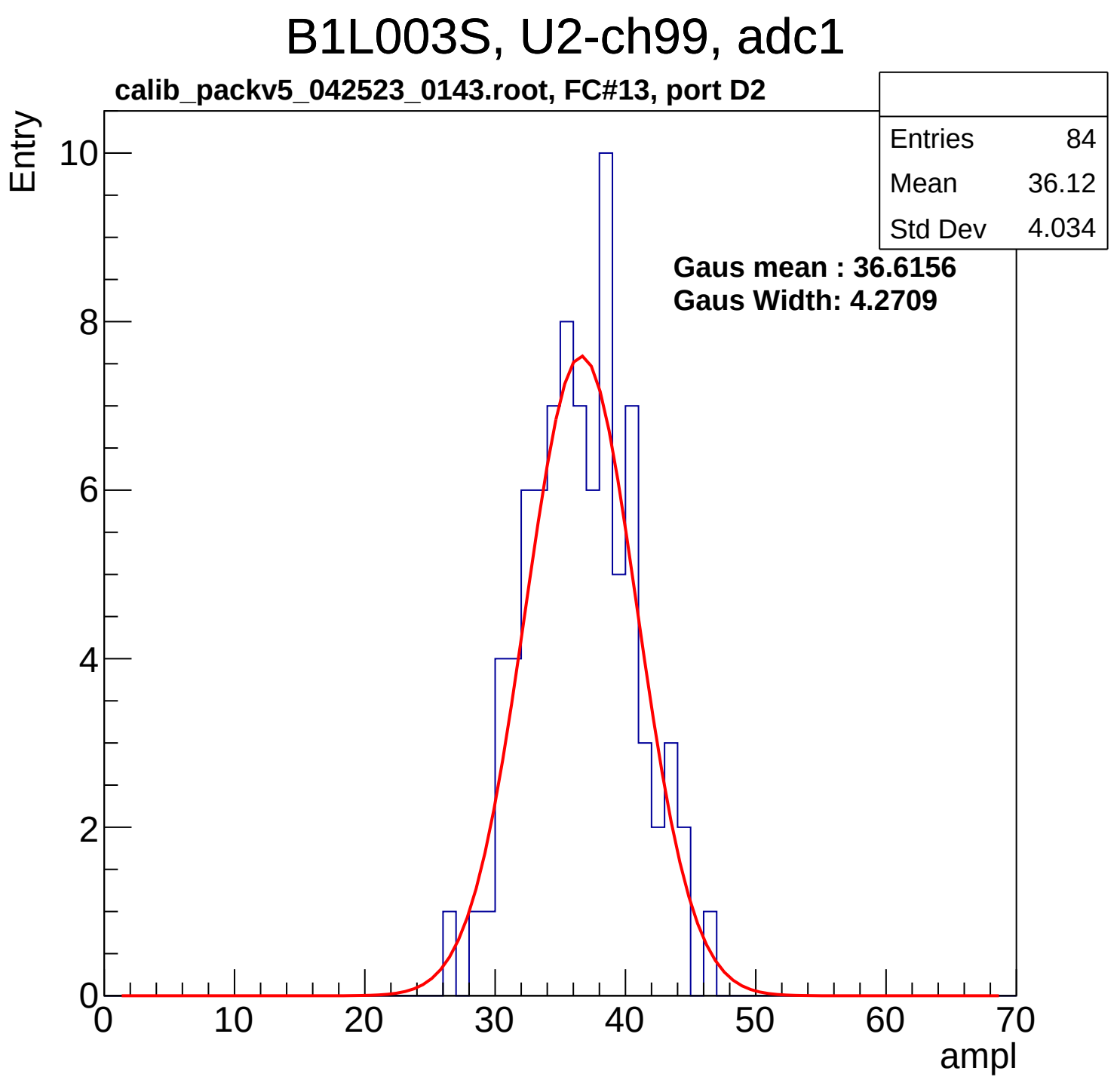
B1L003S, U2-ch99, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 84
Mean 36.12
Std Dev 4.034
Gaus mean : 36.6156
Gaus Width: 4.2709
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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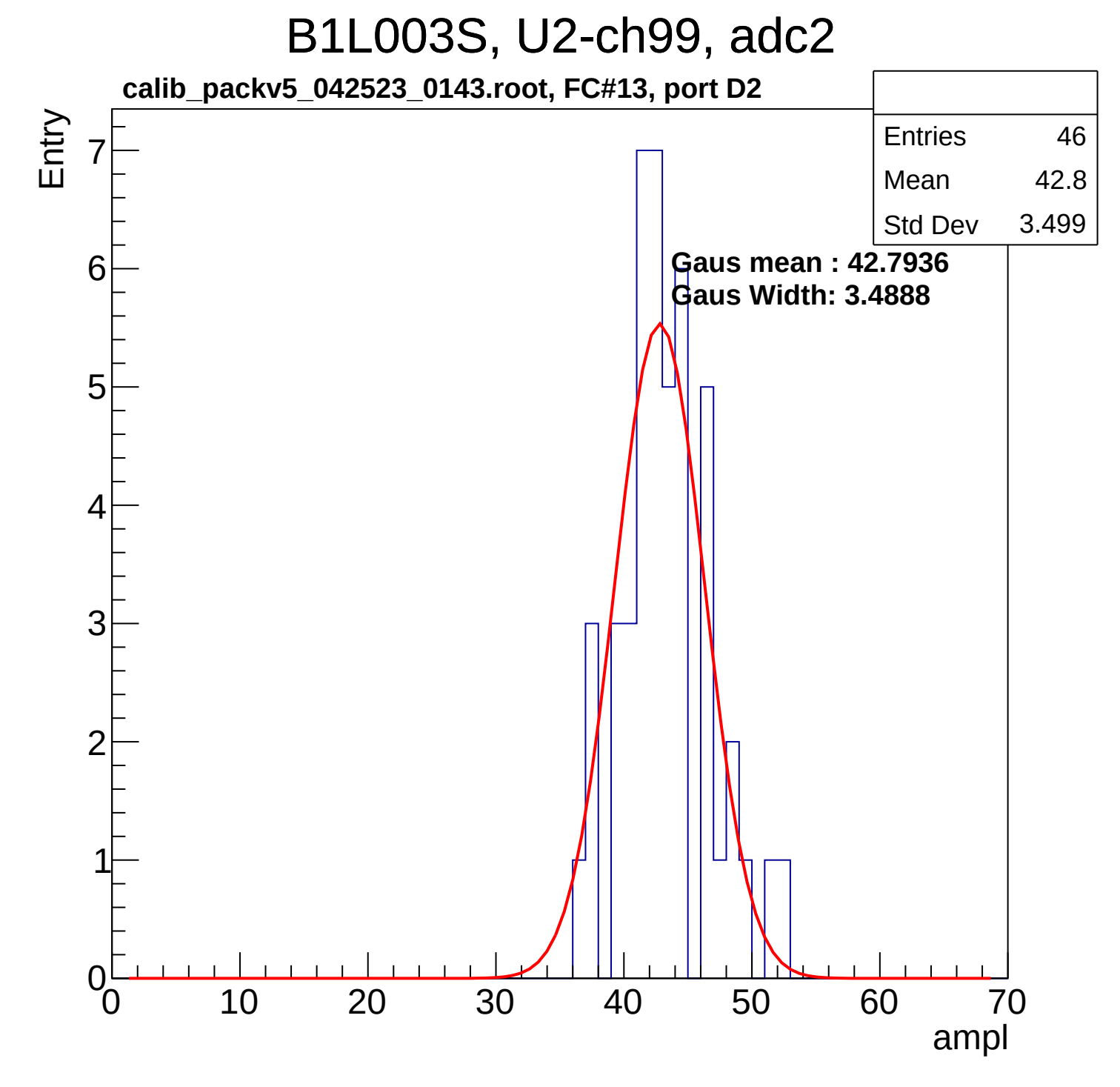
B1L003S, U2-ch99, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 42.8
Std Dev 3.499
Gaus mean : 42.7936
Gaus Width: 3.4888
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
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60
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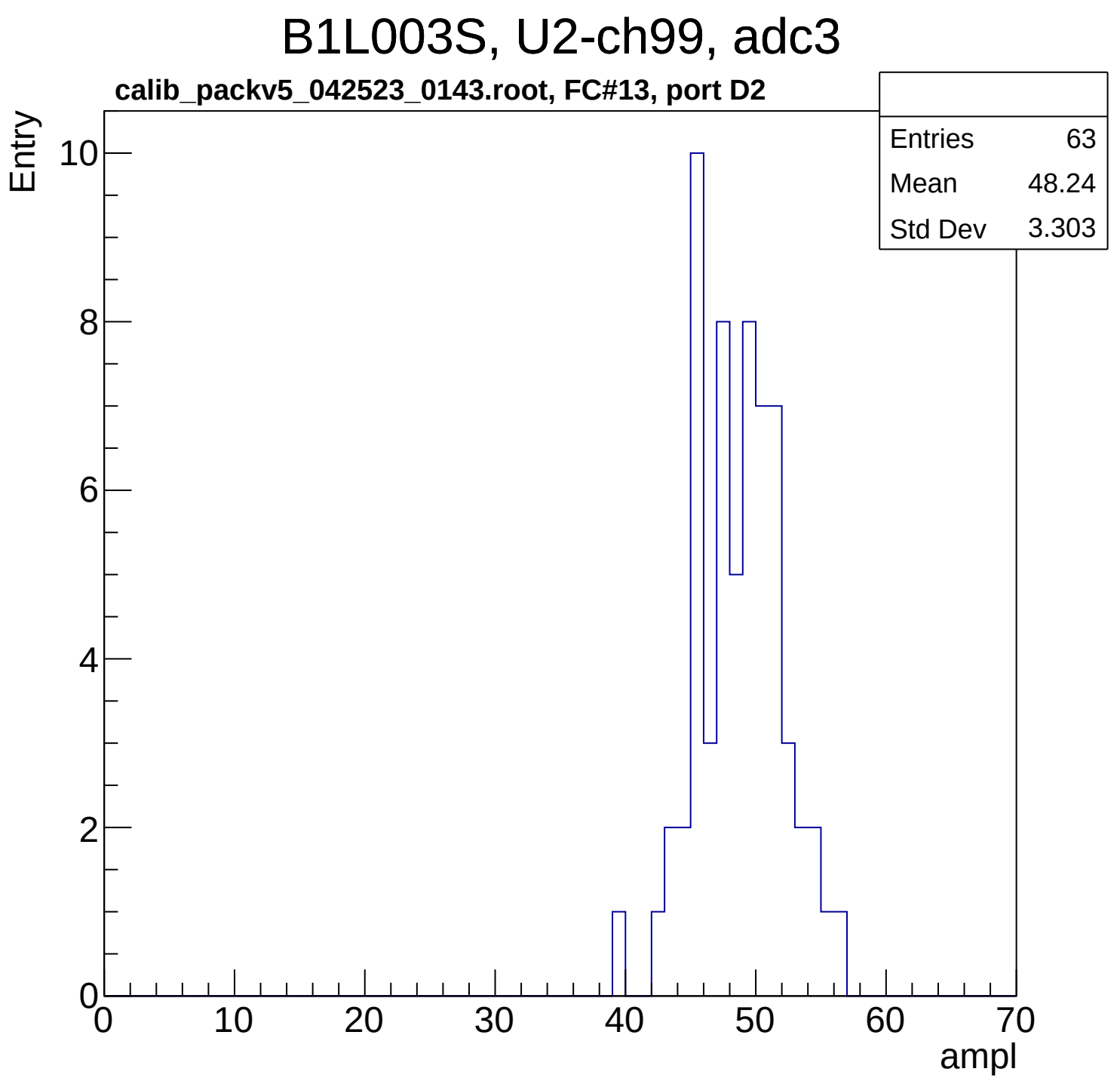
B1L003S, U2-ch99, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 48.24
Std Dev 3.303
Entry
ampl
0
2
4
6
8
10
0
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20
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40
50
60
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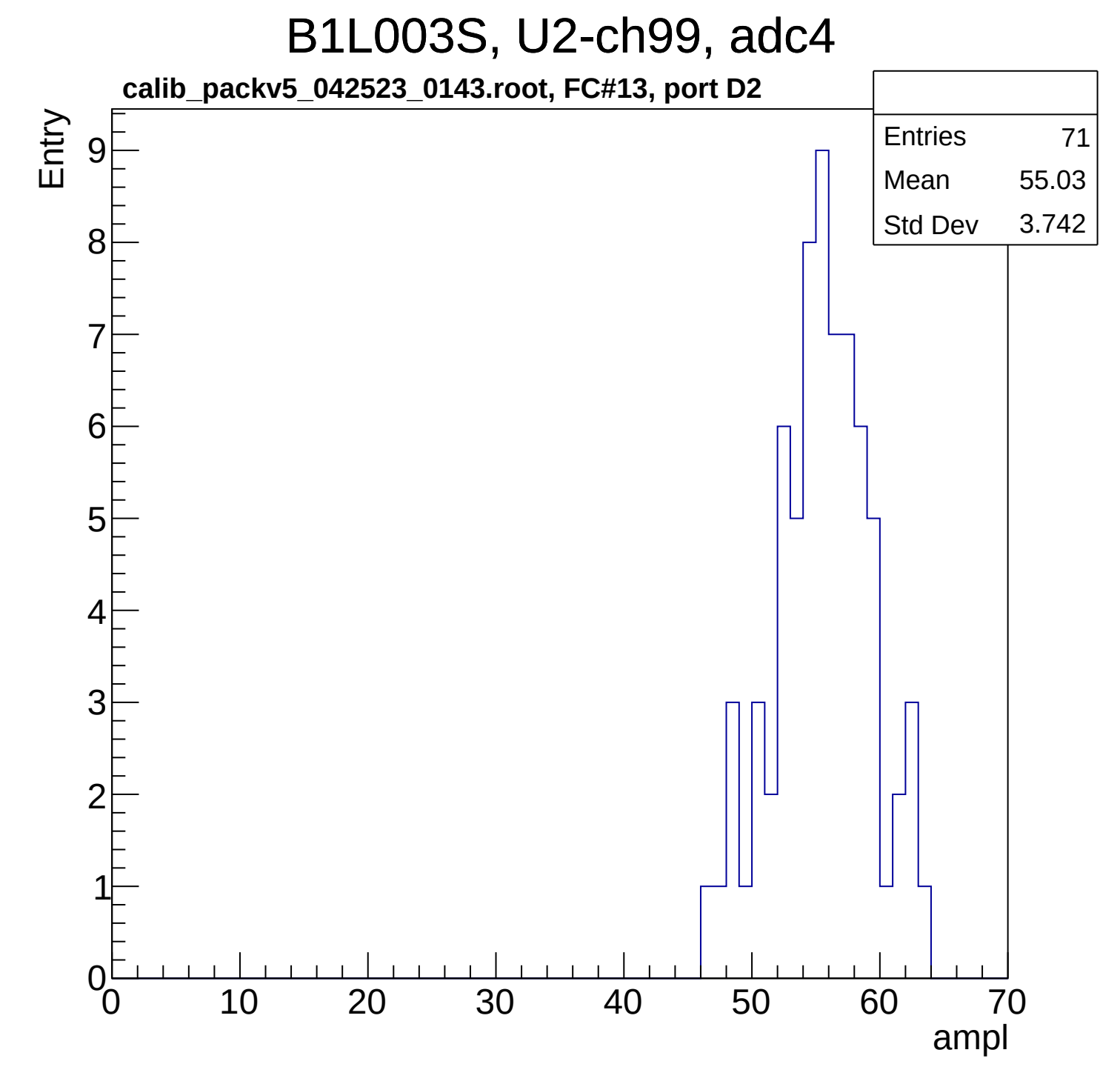
B1L003S, U2-ch99, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 55.03
Std Dev 3.742
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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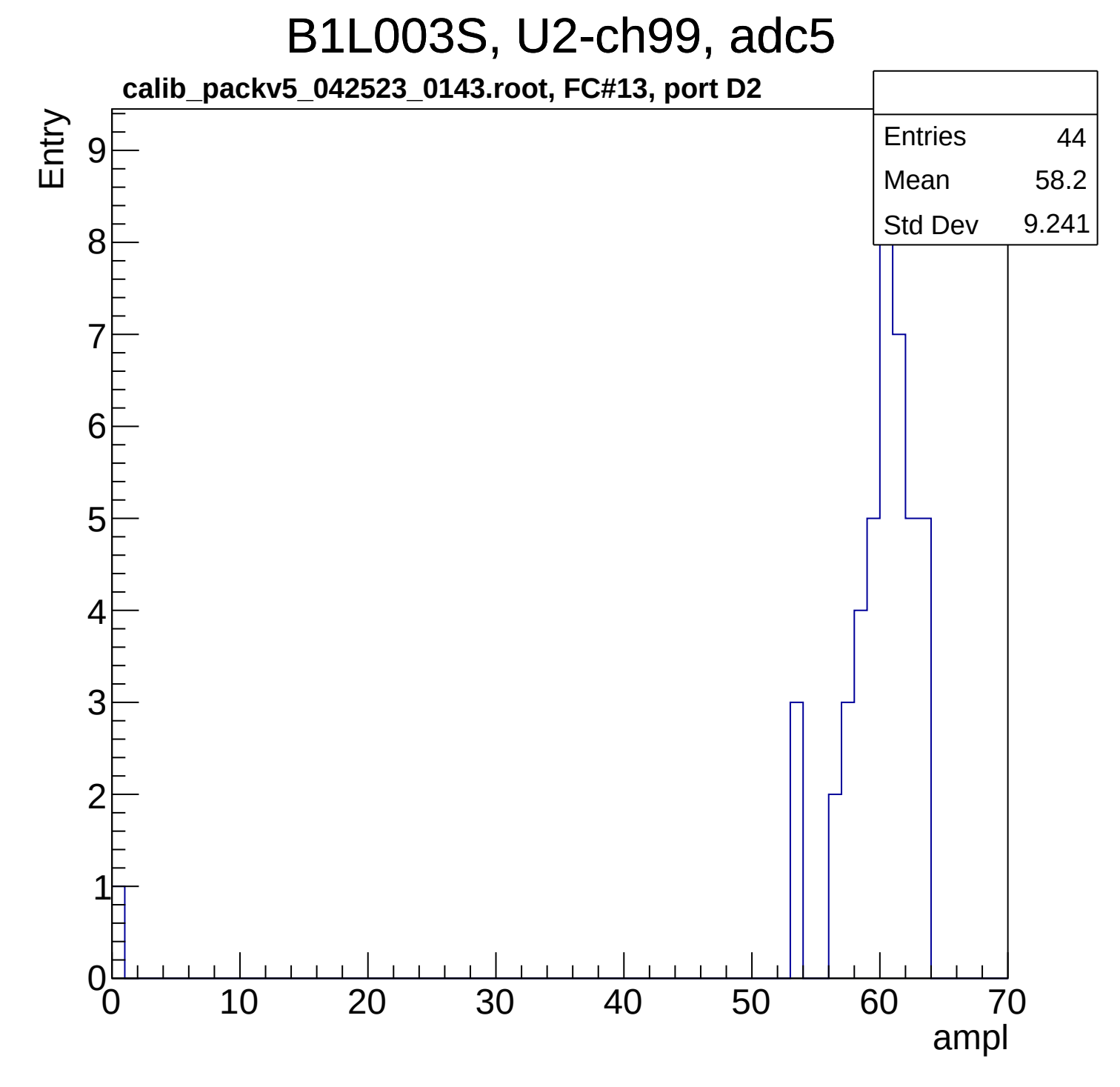
B1L003S, U2-ch99, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 58.2
Std Dev 9.241
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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60
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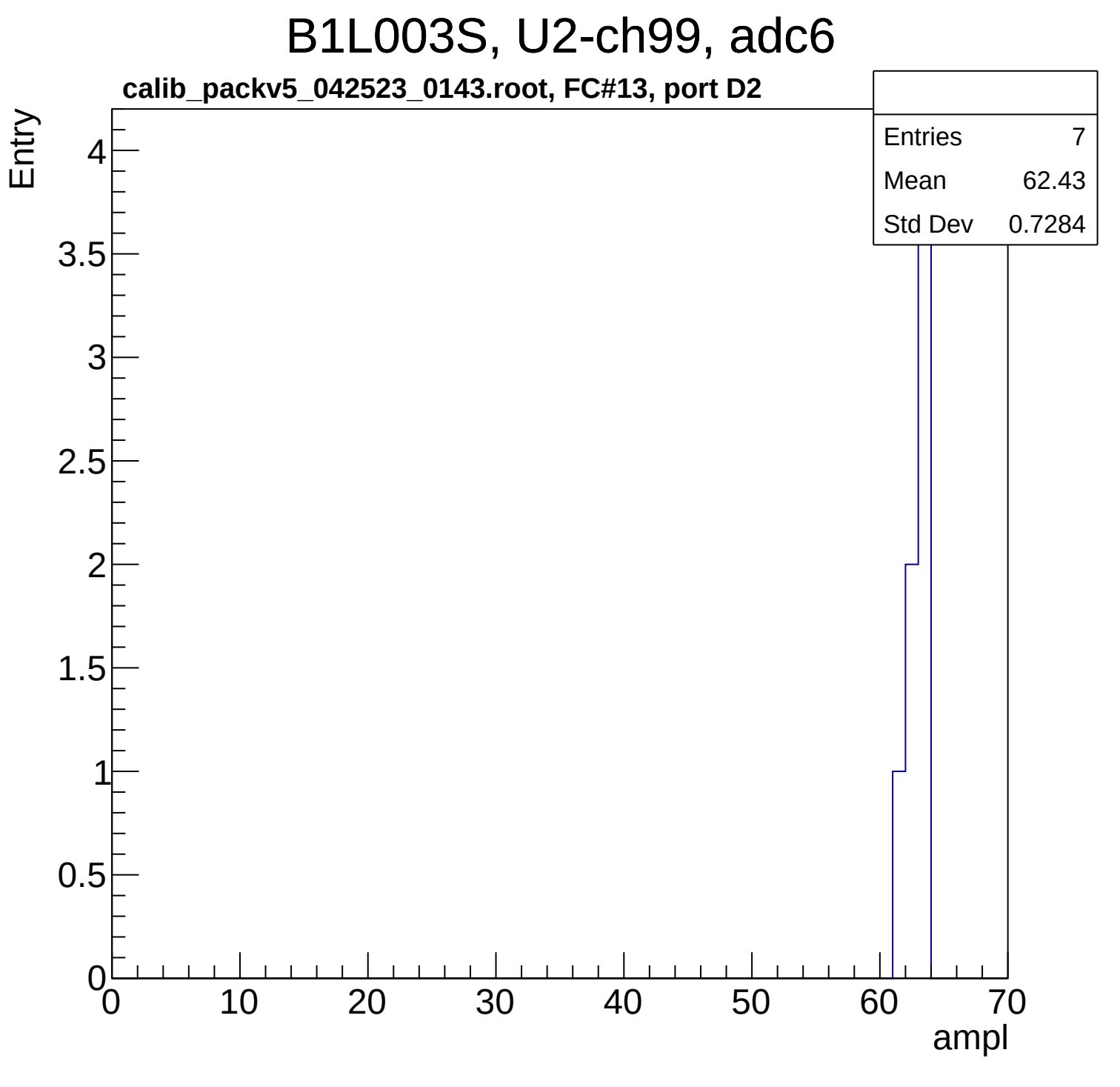
B1L003S, U2-ch99, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.43
Std Dev 0.7284
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
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60
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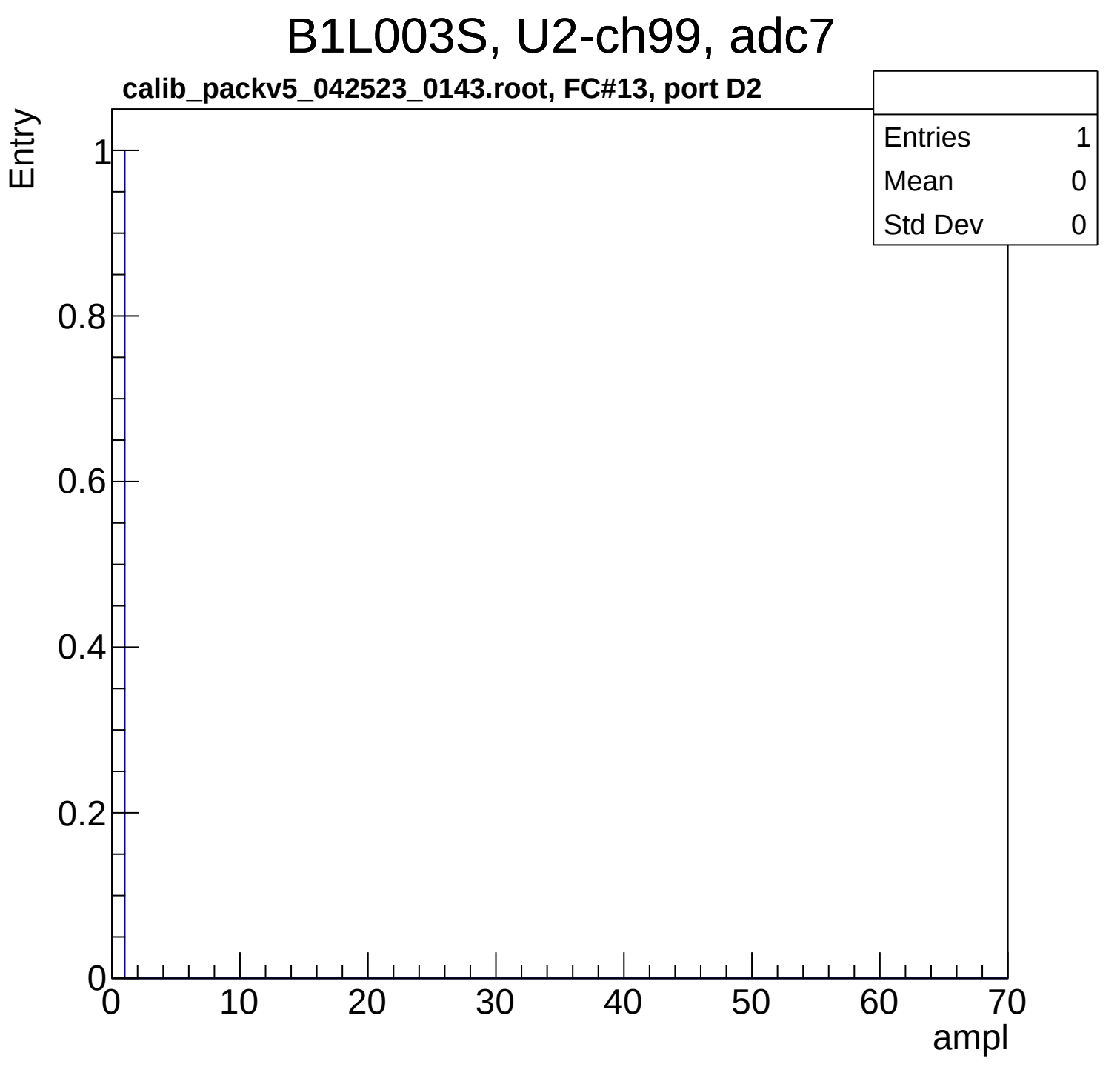
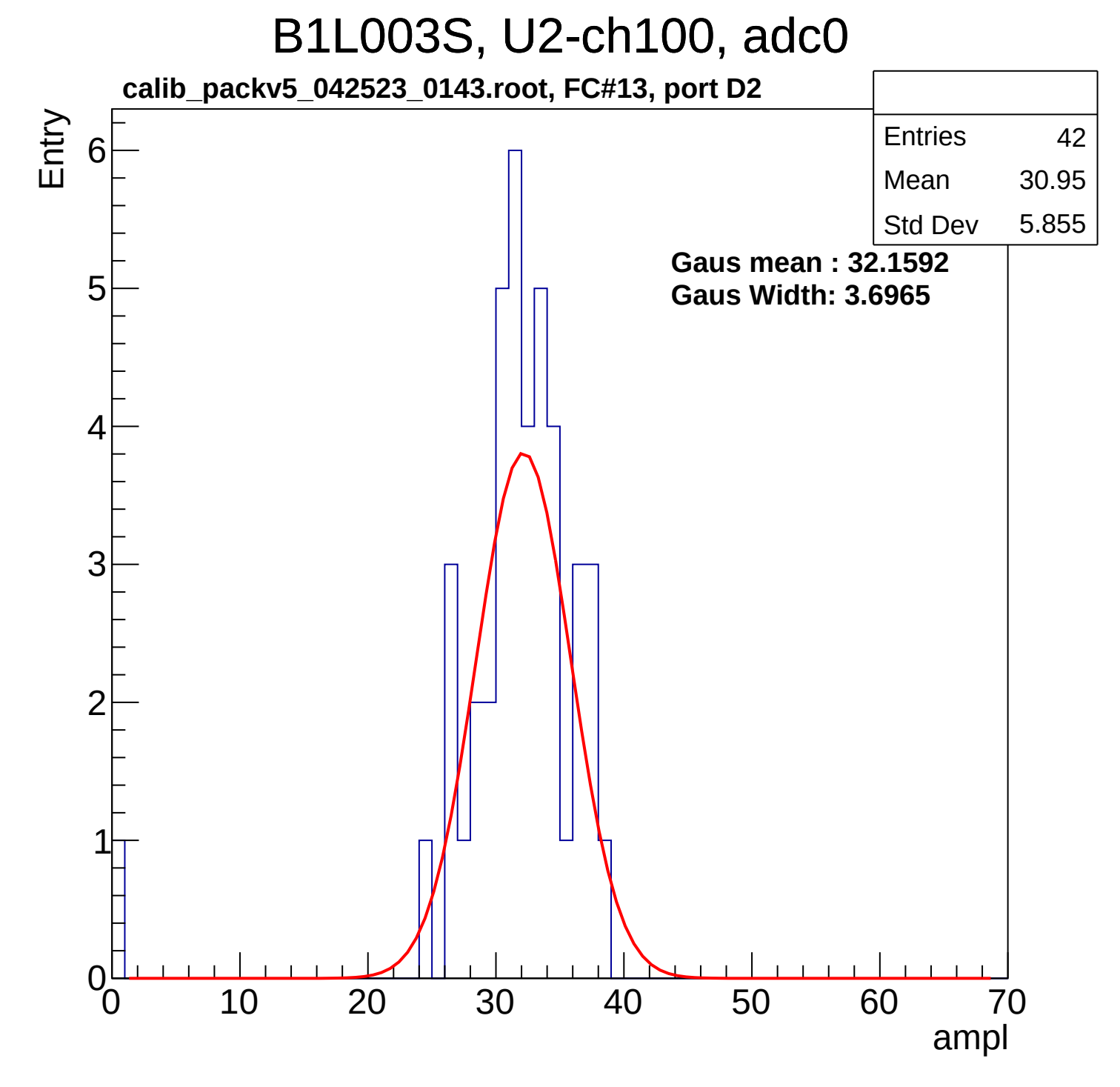
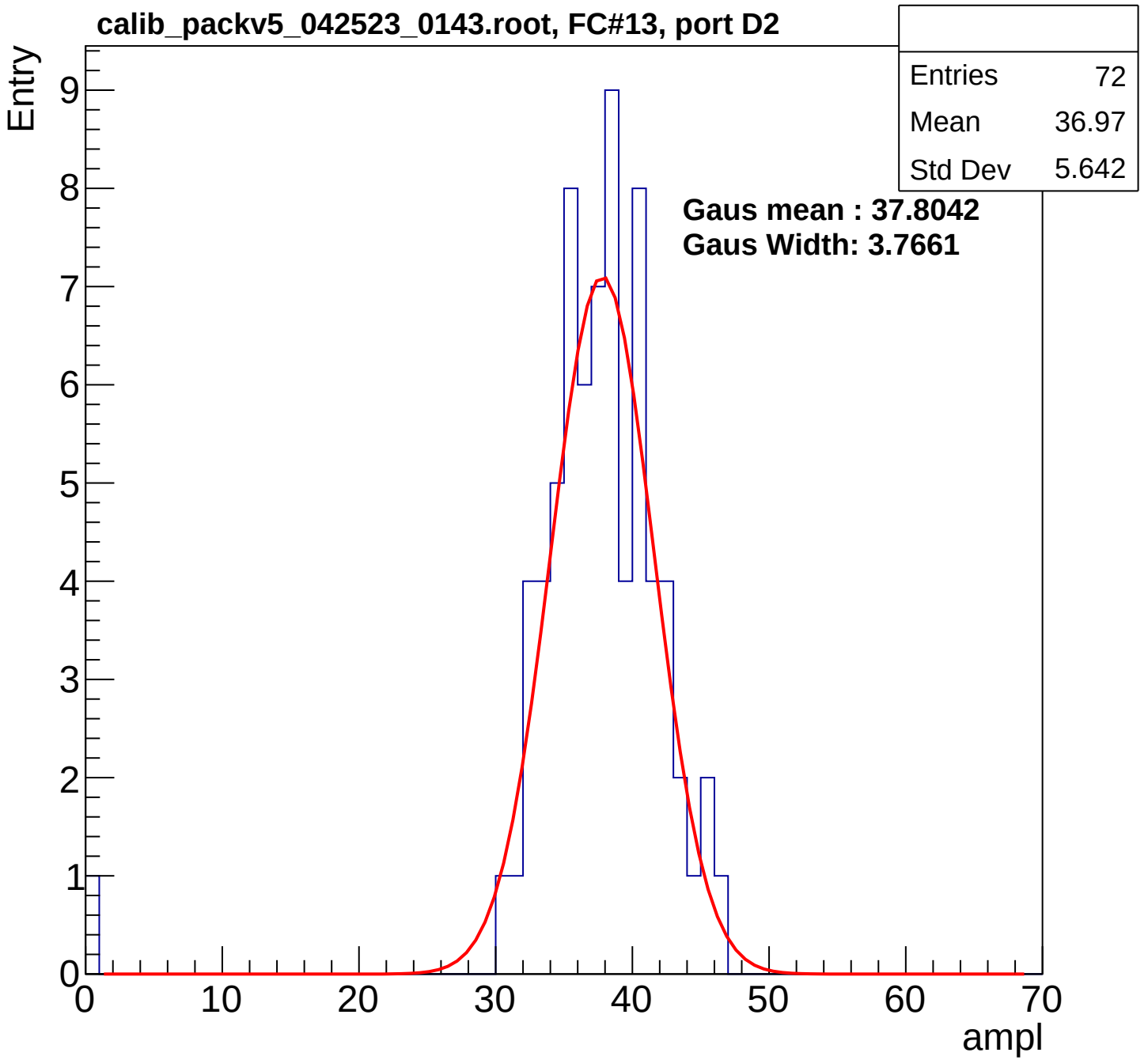

B1L003S, U2-ch99, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch100, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 30.95
Std Dev 5.855
Gaus mean : 32.1592
Gaus Width: 3.6965
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L003S, U2-ch100, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 36.97
Std Dev 5.642
Gaus mean : 37.8042
Gaus Width: 3.7661
Entry
ampl
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1
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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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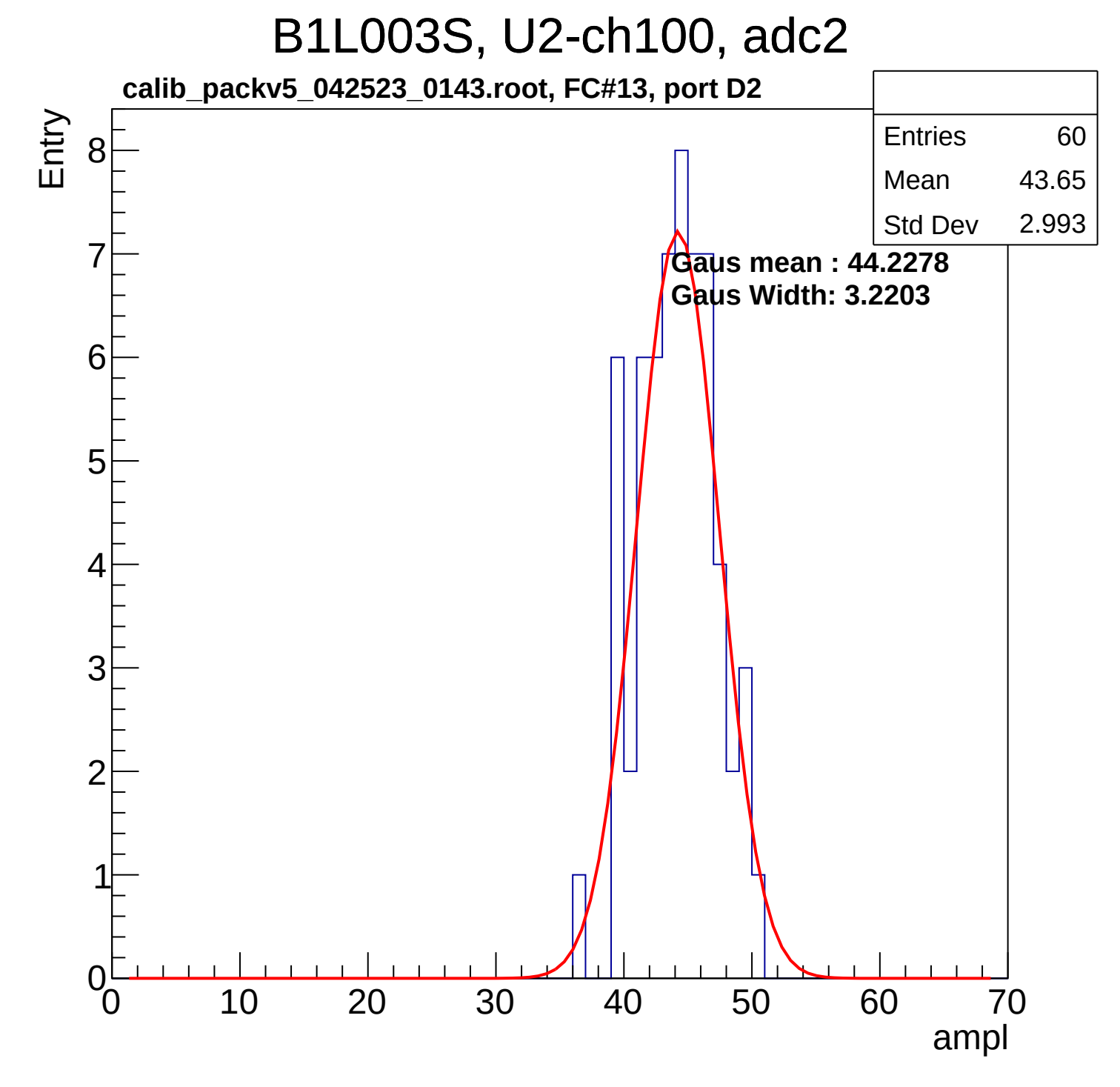
B1L003S, U2-ch100, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 43.65
Std Dev 2.993
Gaus mean : 44.2278
Gaus Width: 3.2203
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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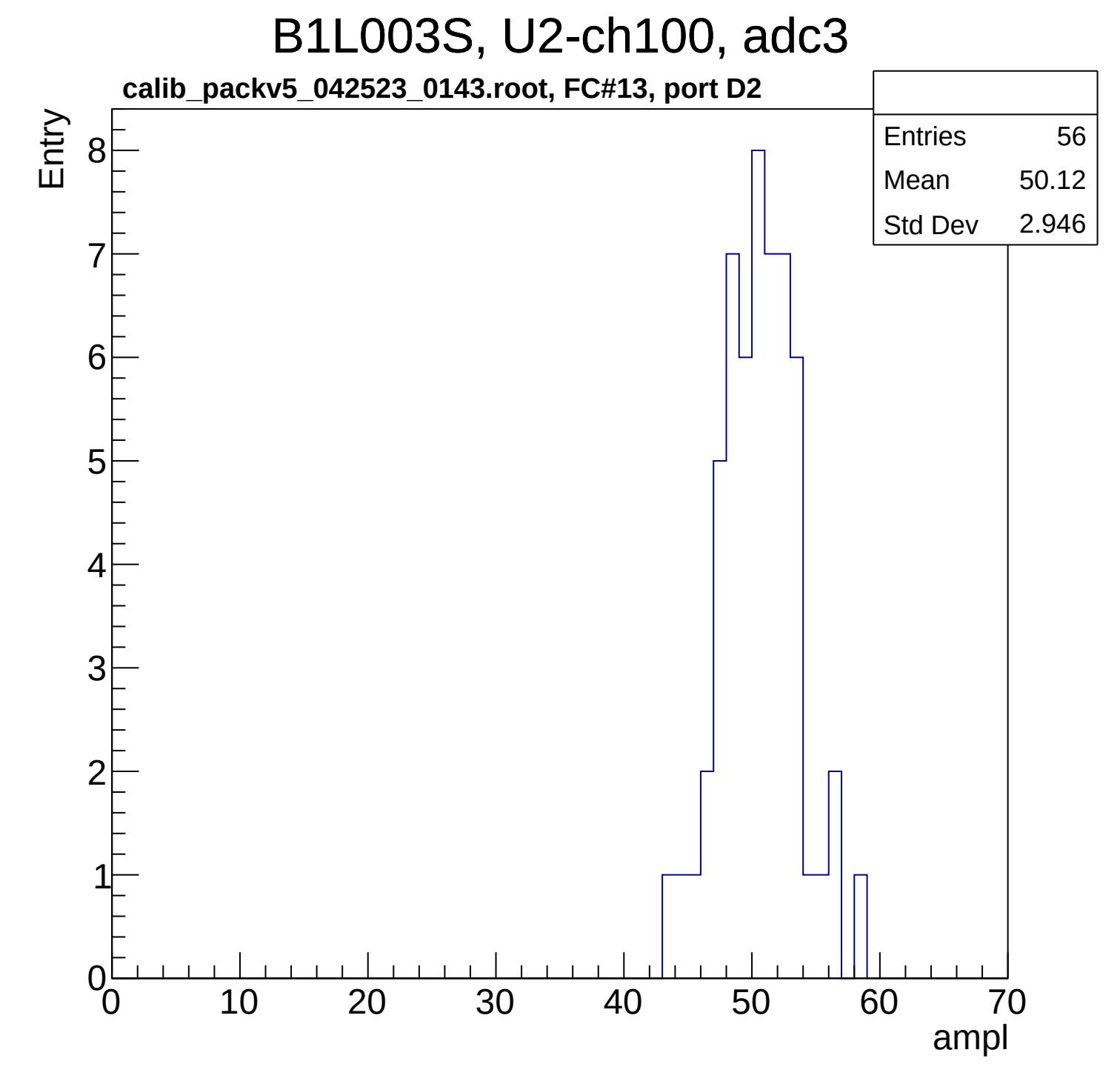
B1L003S, U2-ch100, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 50.12
Std Dev 2.946
Entry
ampl
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0
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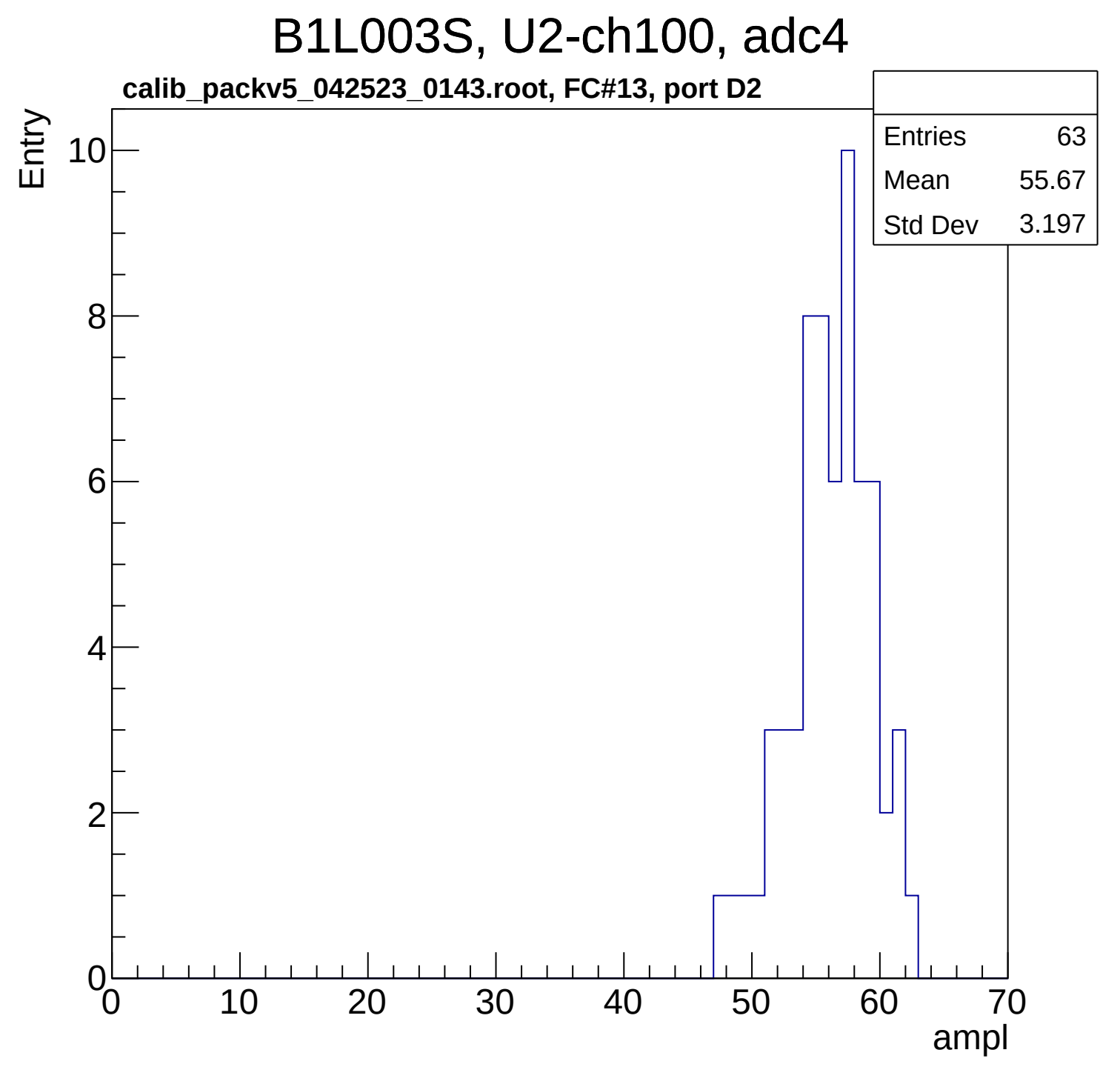
B1L003S, U2-ch100, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 55.67
Std Dev 3.197
Entry
ampl
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0
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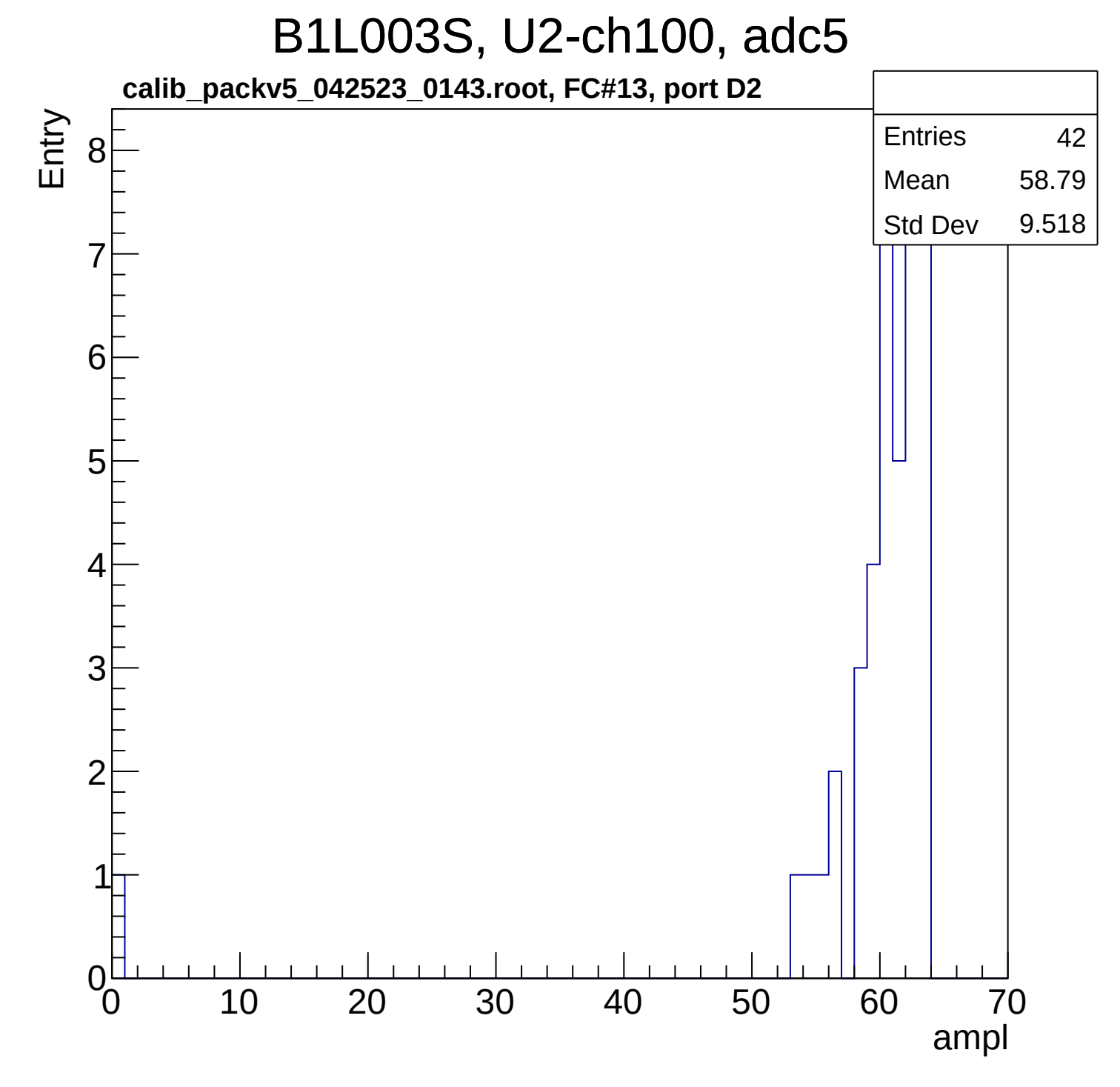
B1L003S, U2-ch100, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 58.79
Std Dev 9.518
Entry
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5
6
7
8
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10
20
30
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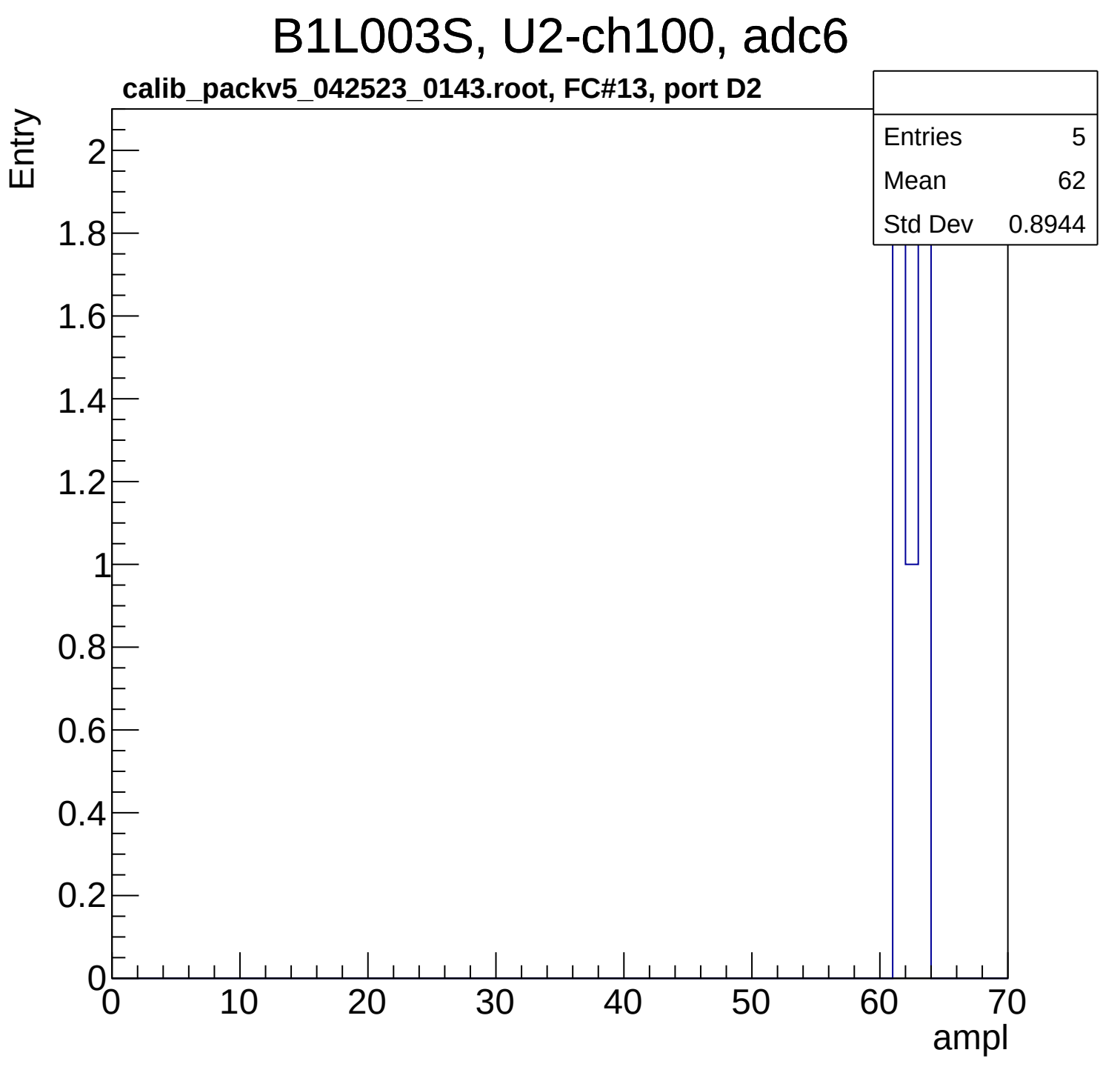
50
60
70
ampl


B1L003S, U2-ch100, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62
Std Dev 0.8944
Entry
ampl
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0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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60
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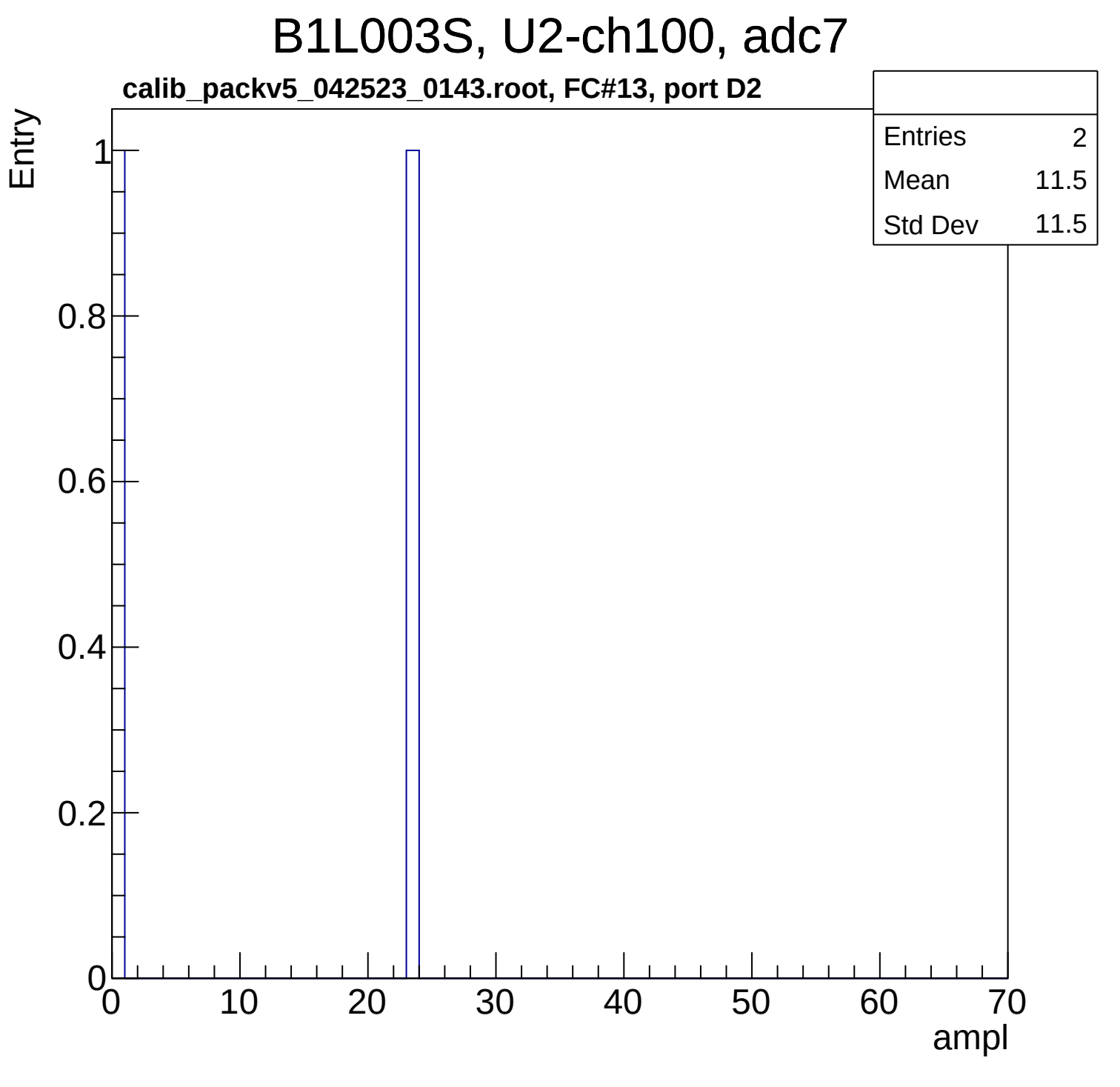
B1L003S, U2-ch100, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
ampl
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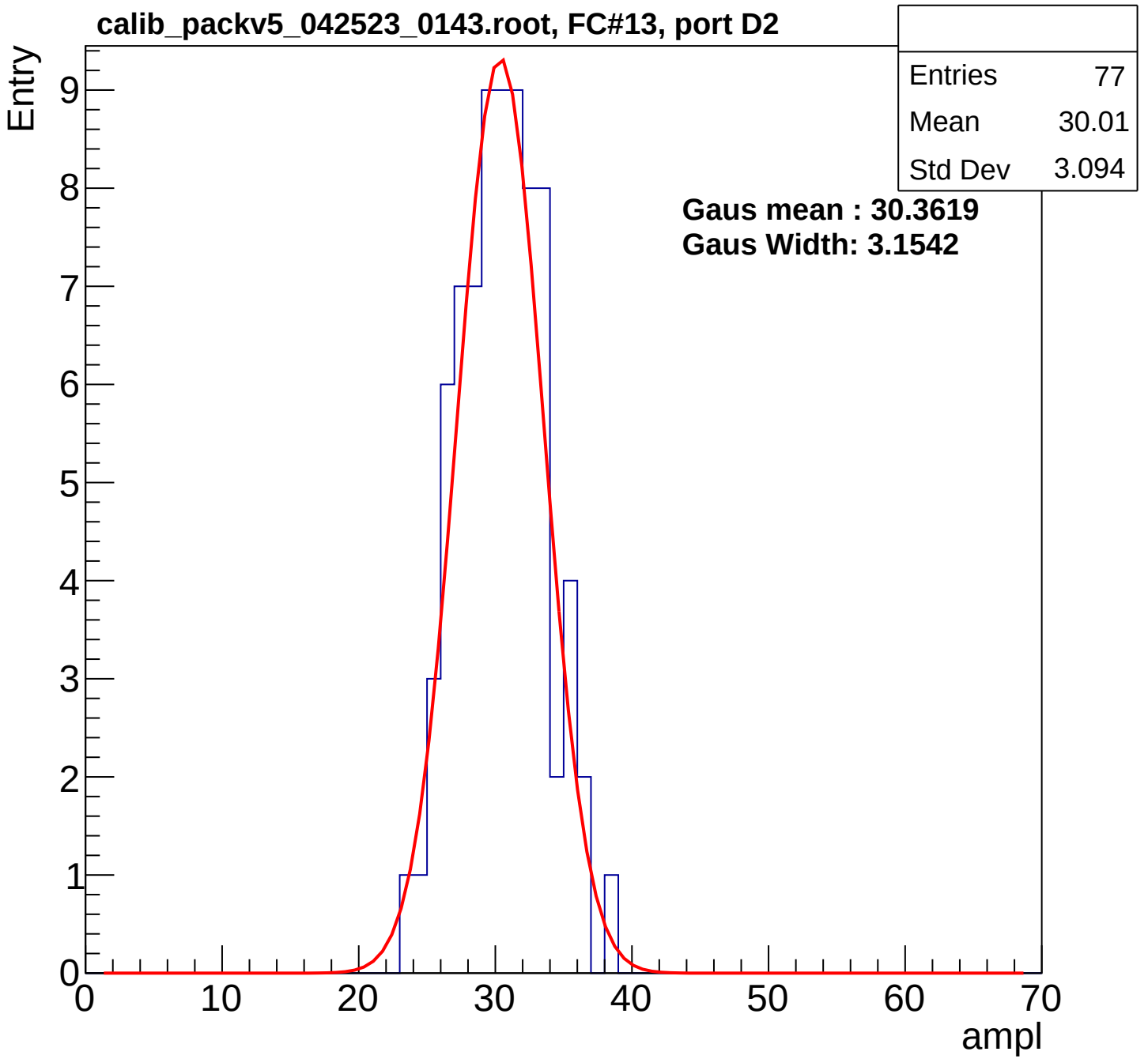
B1L003S, U2-ch101, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 30.01
Std Dev 3.094
Gaus mean : 30.3619
Gaus Width: 3.1542
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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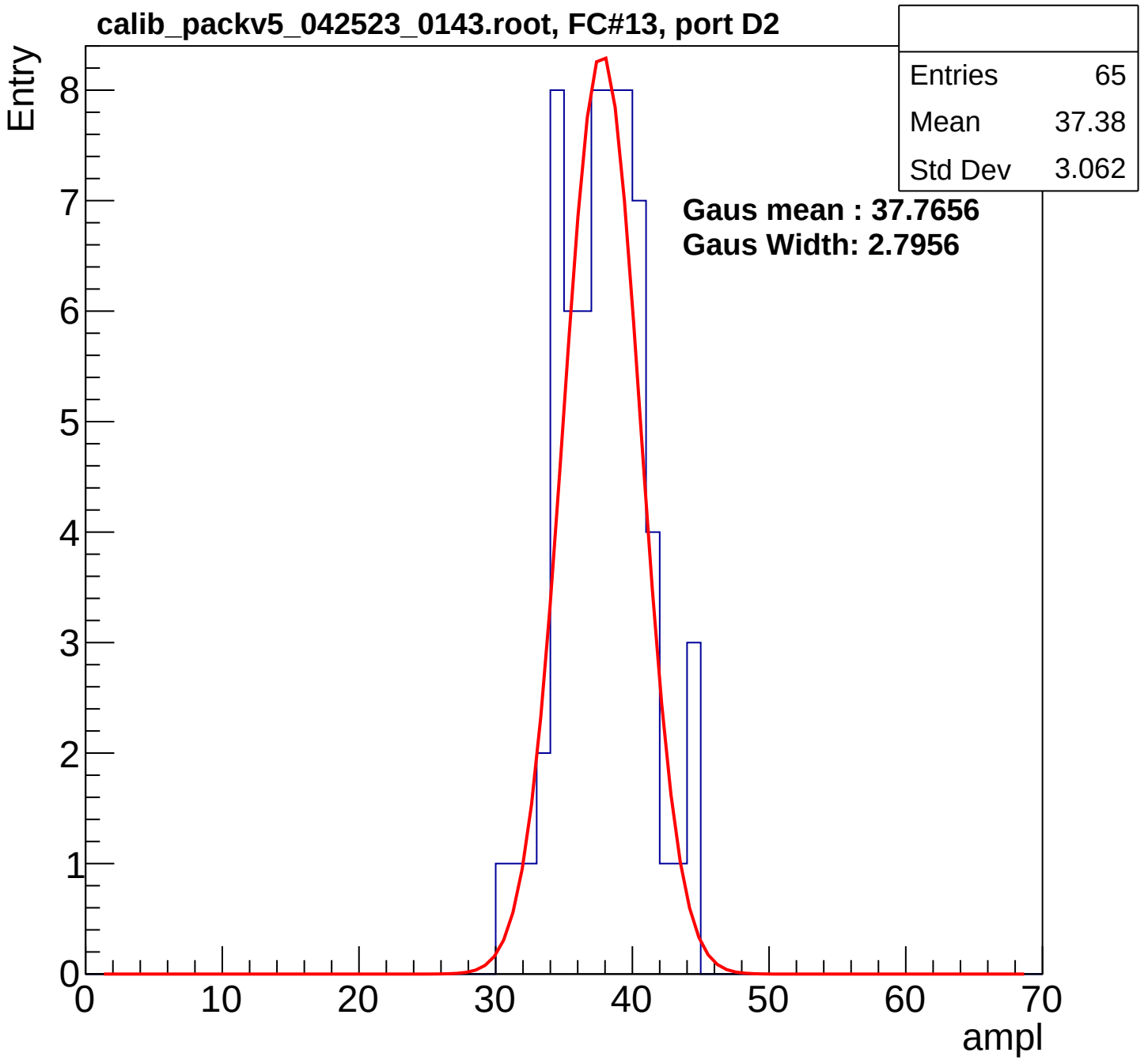
B1L003S, U2-ch101, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 37.38
Std Dev 3.062
Gaus mean : 37.7656
Gaus Width: 2.7956
Entry
ampl
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1
2
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4
5
6
7
8
0
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40
50
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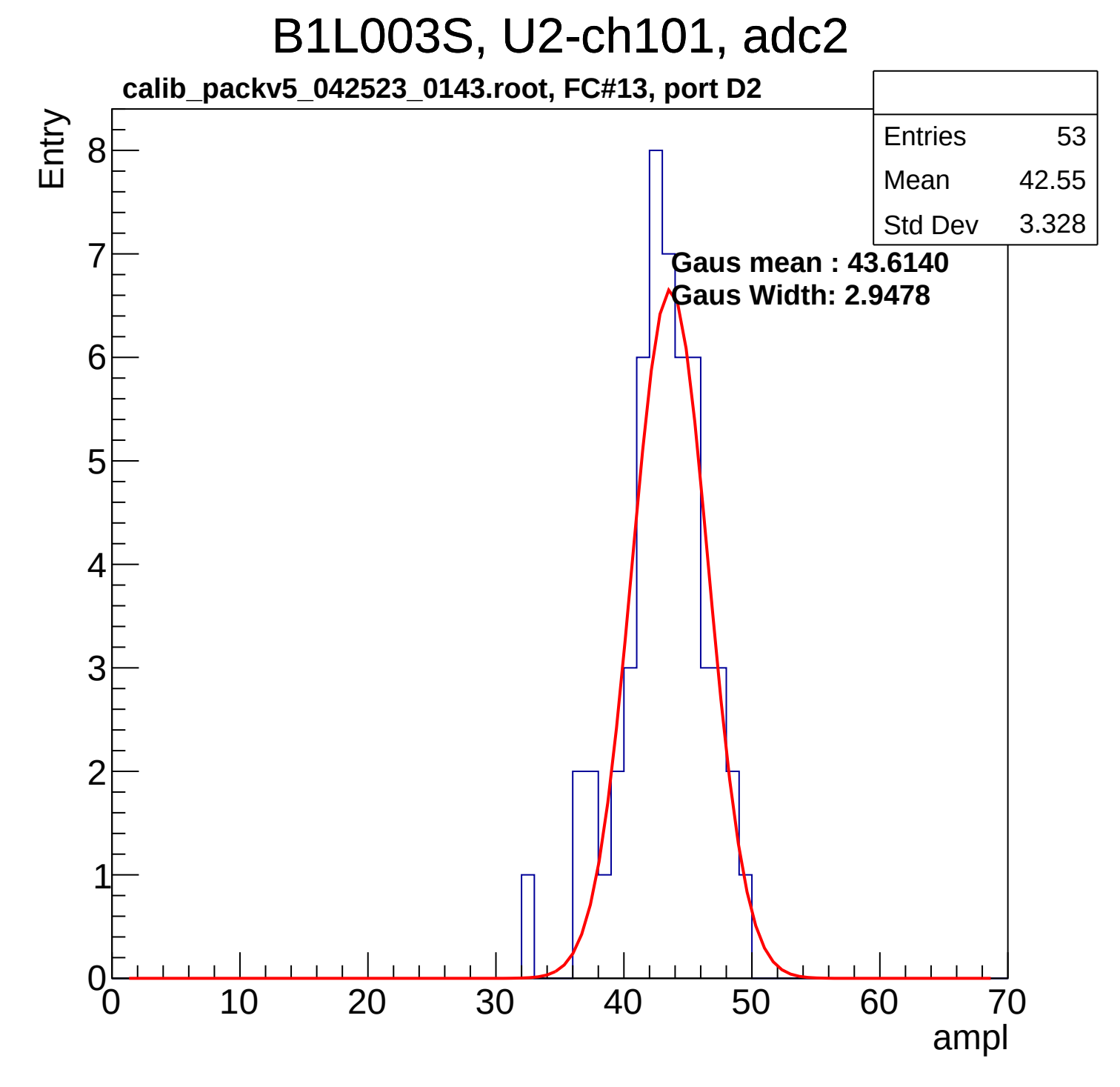
B1L003S, U2-ch101, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 42.55
Std Dev 3.328
Gaus mean : 43.6140
Gaus Width: 2.9478
Entry
ampl
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1
2
3
4
5
6
7
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0
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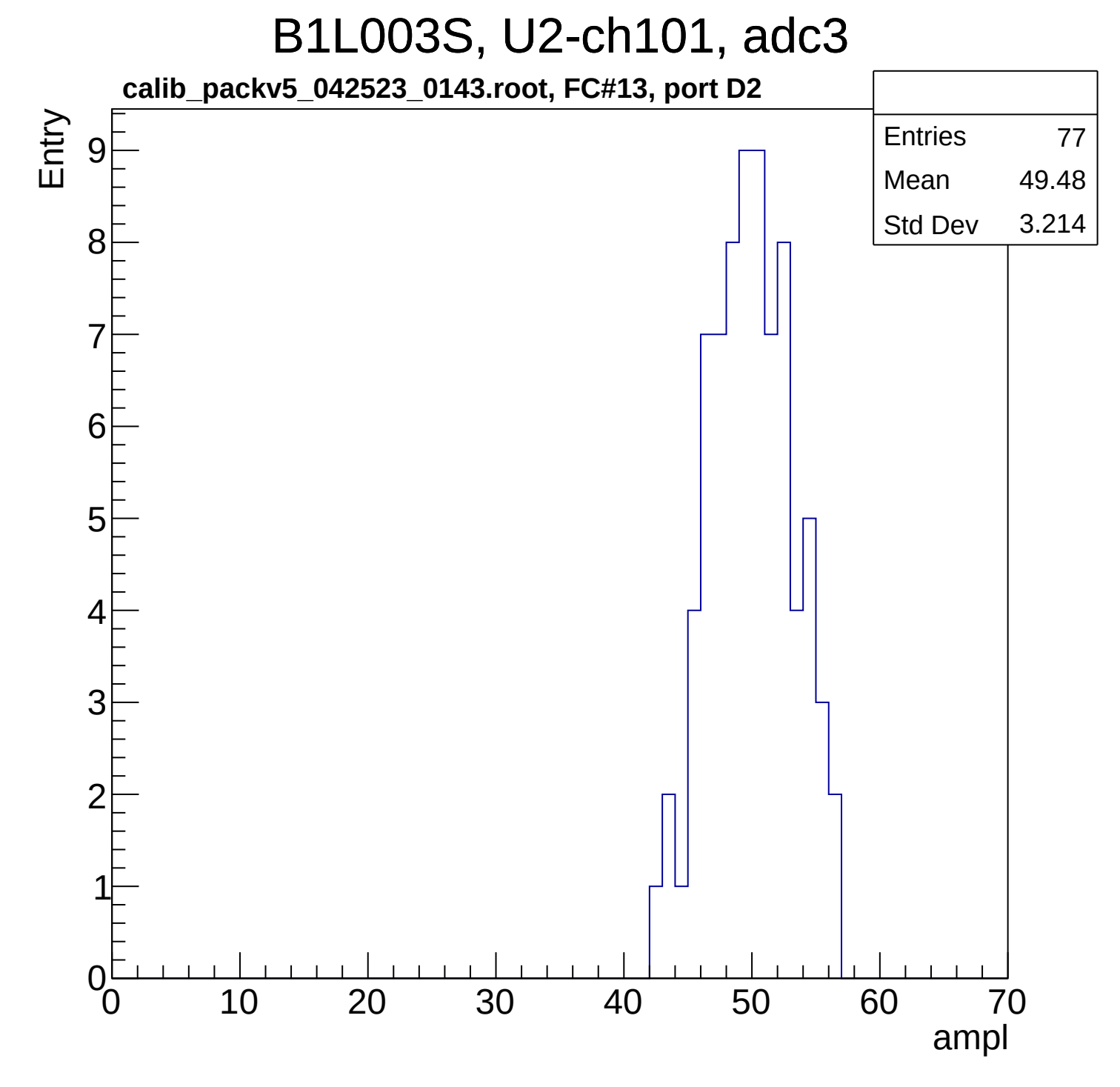
B1L003S, U2-ch101, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 49.48
Std Dev 3.214
Entry
ampl
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3
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7
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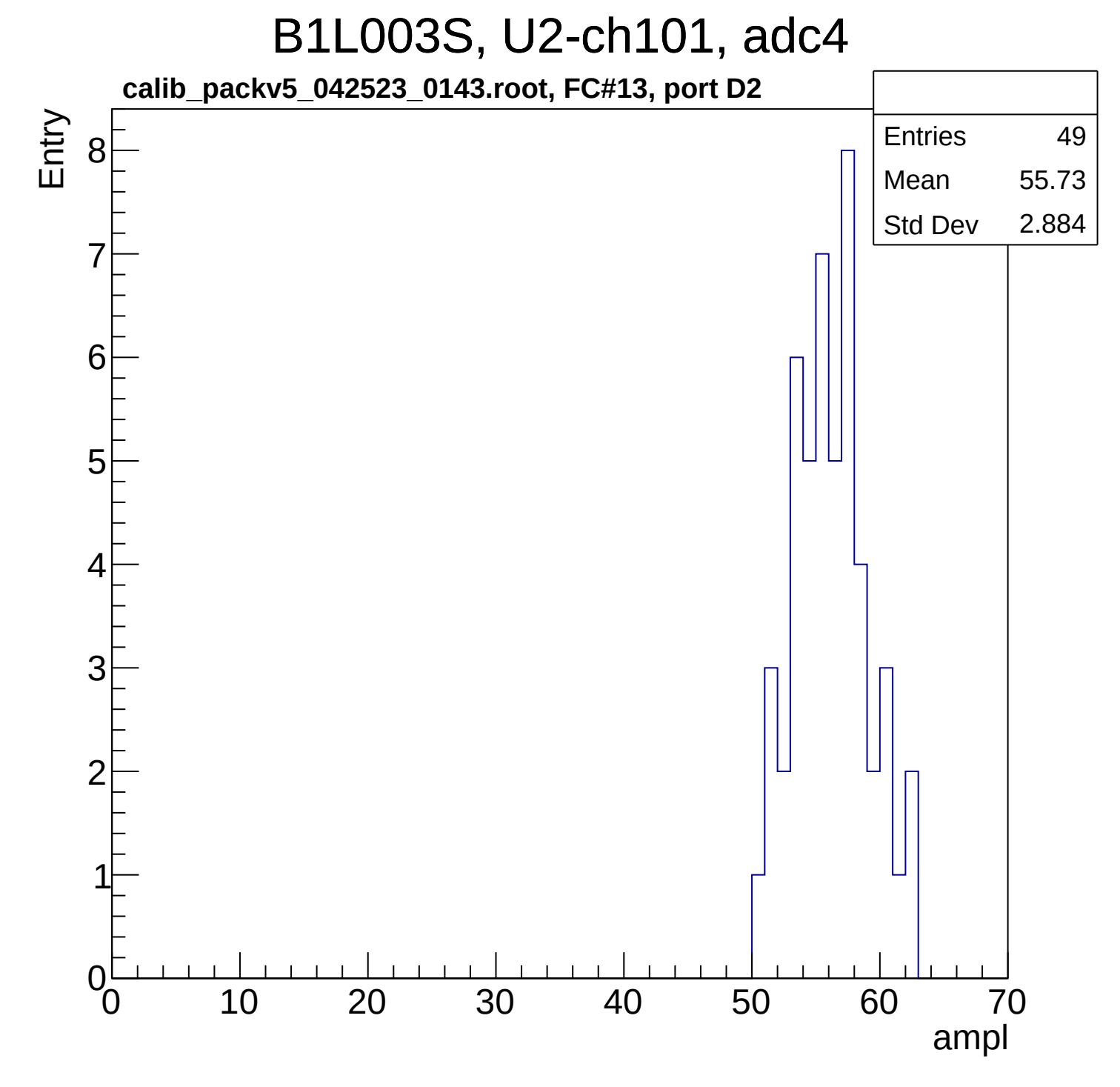
B1L003S, U2-ch101, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 55.73
Std Dev 2.884
Entry
ampl
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3
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5
6
7
8
0
10
20
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40
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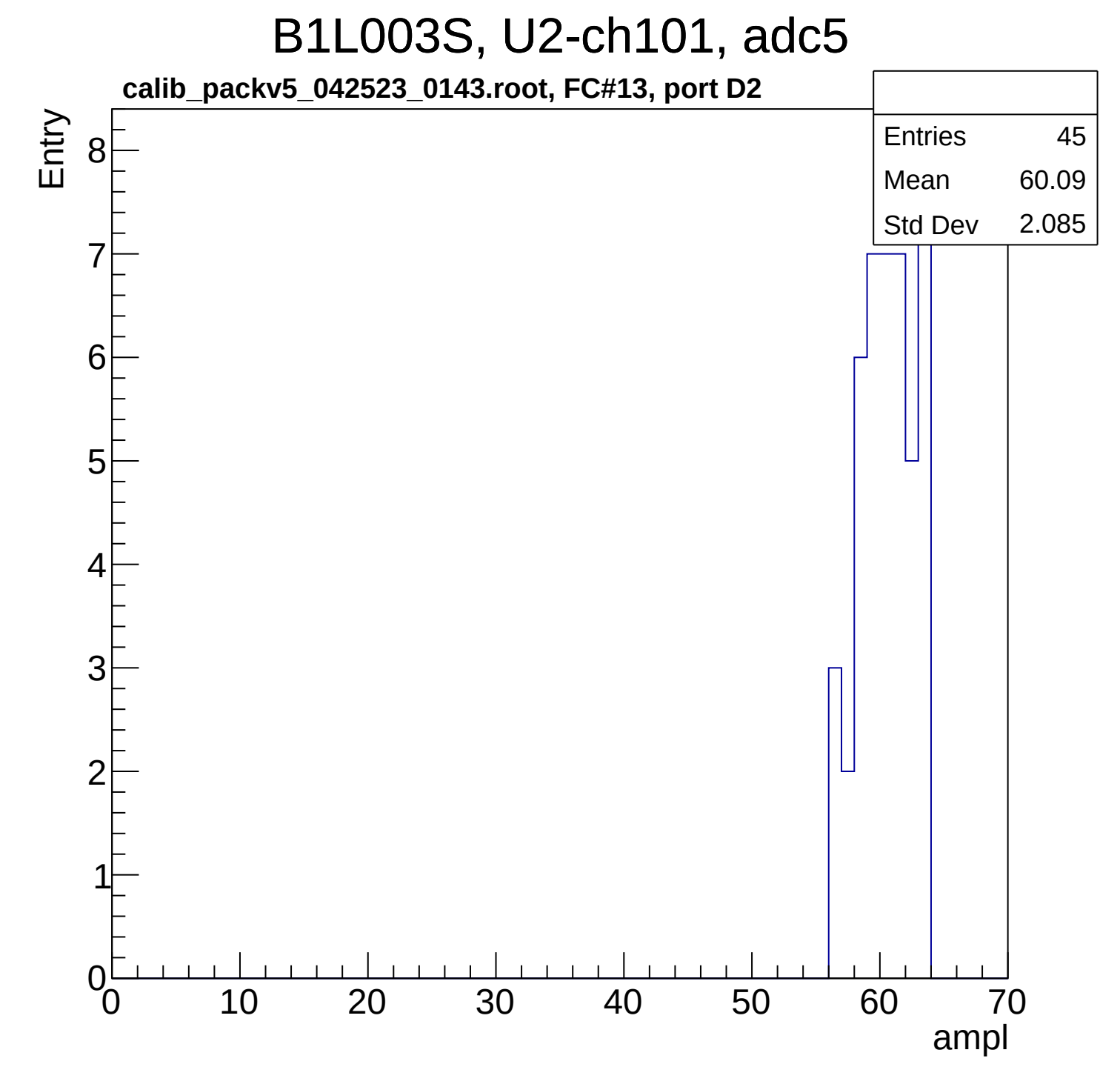
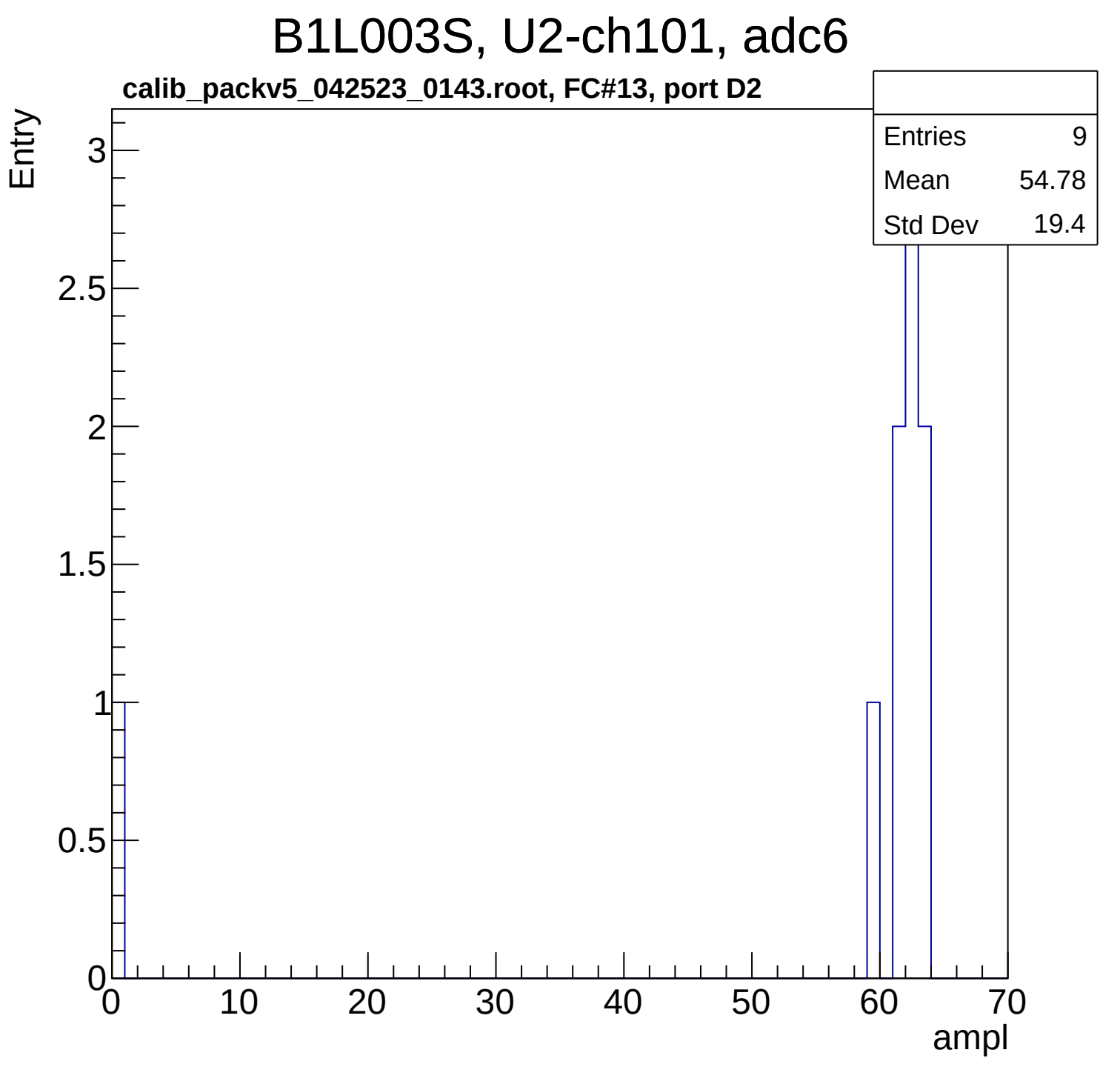
60
70


B1L003S, U2-ch101, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 60.09
Std Dev 2.085
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch101, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 54.78
Std Dev 19.4
Entry
ampl
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0.5
1
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2
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40
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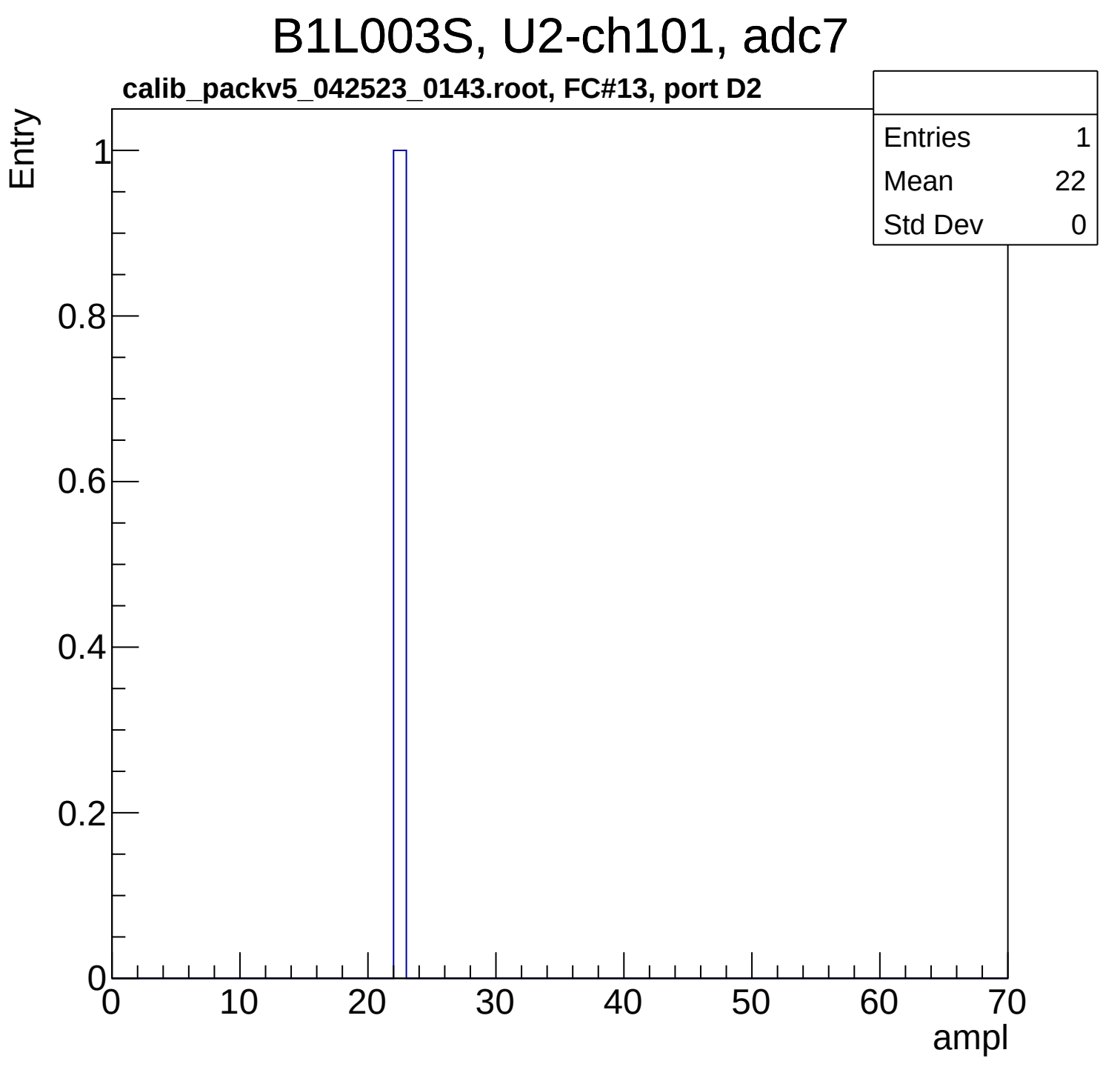
B1L003S, U2-ch101, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 22
Std Dev 0
Entry
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0.6
0.4
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0
10
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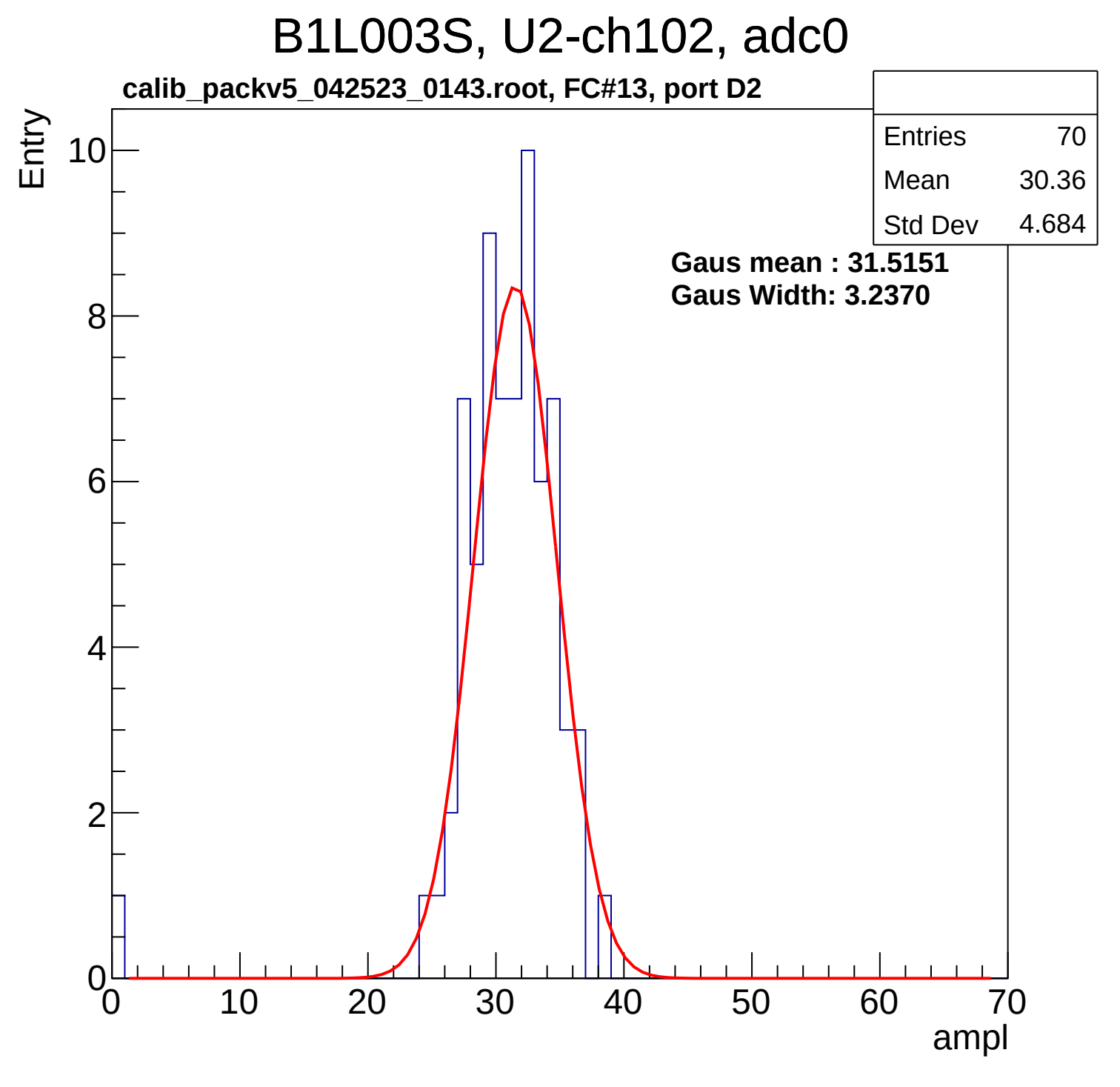
40
50
60
70
ampl


B1L003S, U2-ch102, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 30.36
Std Dev 4.684
Gaus mean : 31.5151
Gaus Width: 3.2370
Entry
ampl
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2
4
6
8
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0
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60
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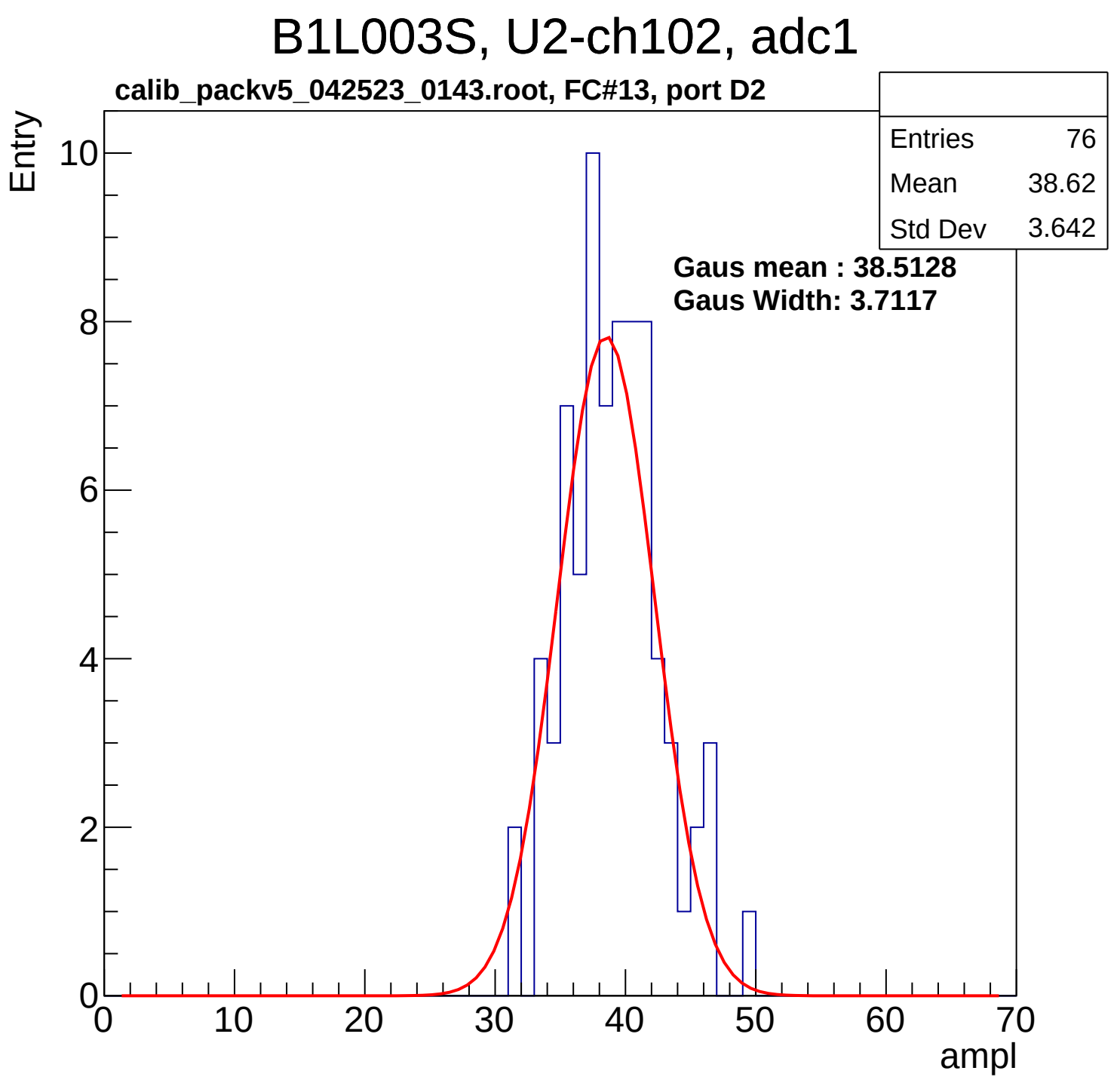
B1L003S, U2-ch102, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 38.62
Std Dev 3.642
Gaus mean : 38.5128
Gaus Width: 3.7117
Entry
ampl
0
2
4
6
8
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0
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40
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60
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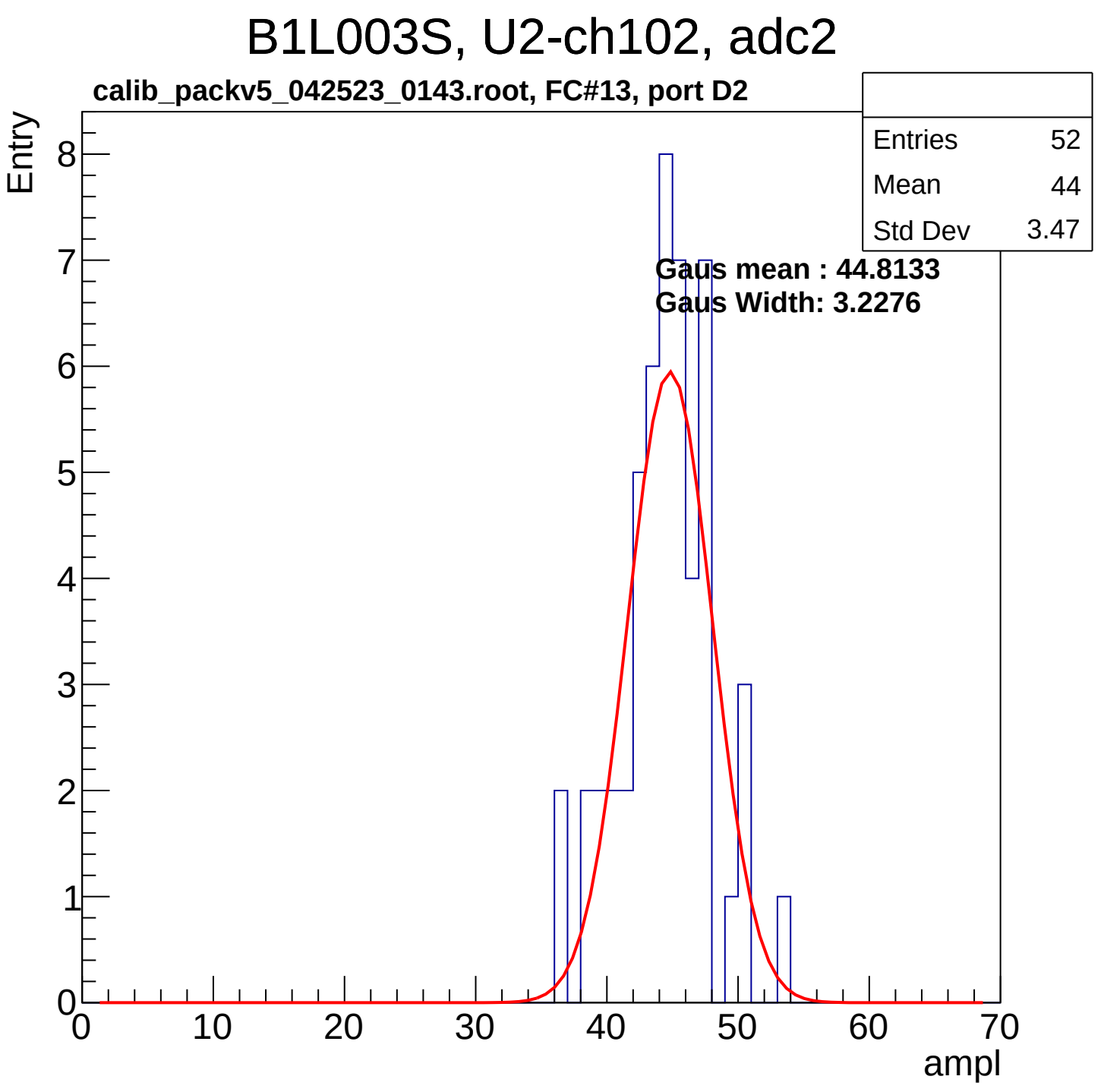
B1L003S, U2-ch102, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 44
Std Dev 3.47
Gaus mean : 44.8133
Gaus Width: 3.2276
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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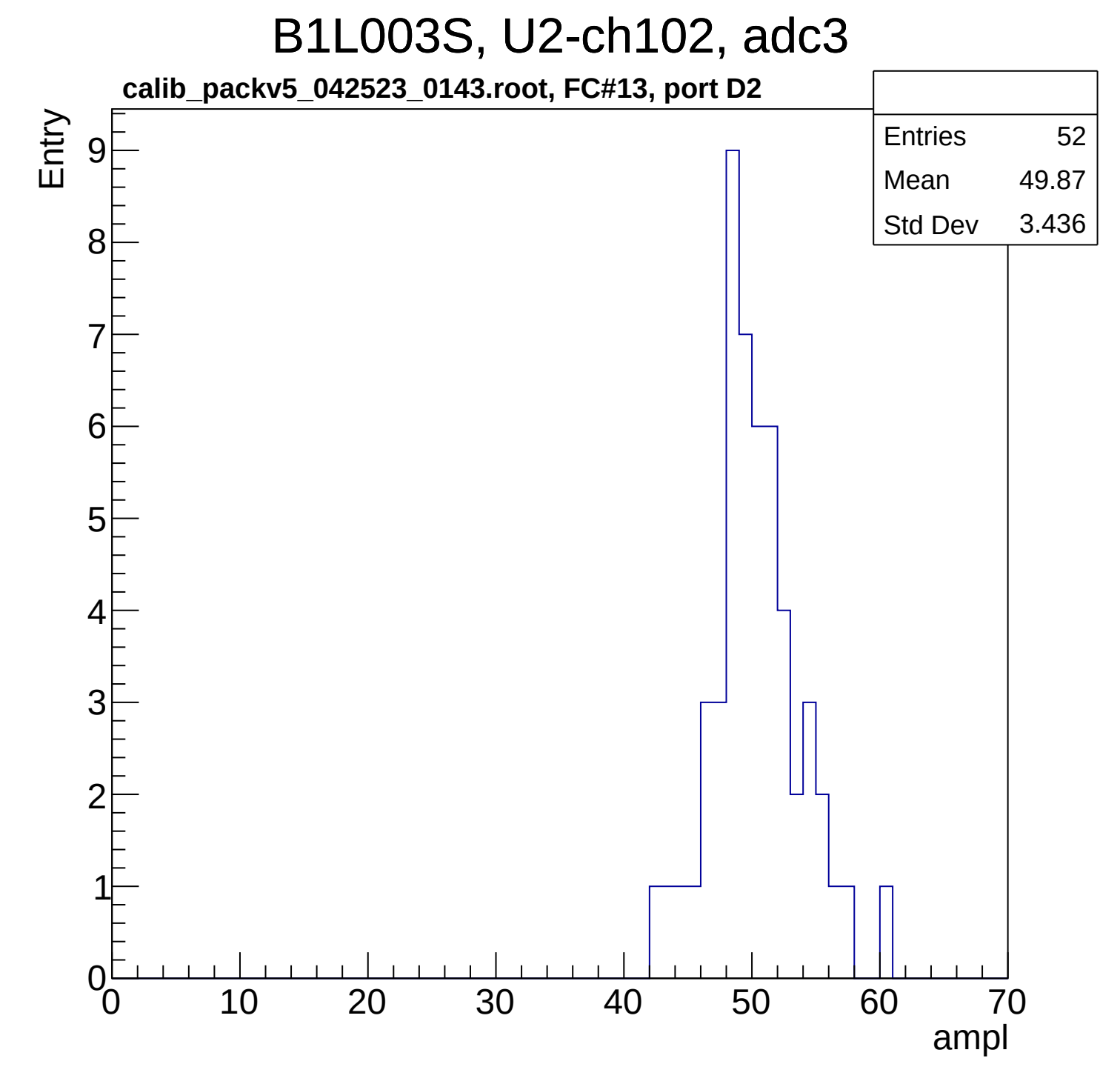
B1L003S, U2-ch102, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 49.87
Std Dev 3.436
Entry
ampl
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0
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60
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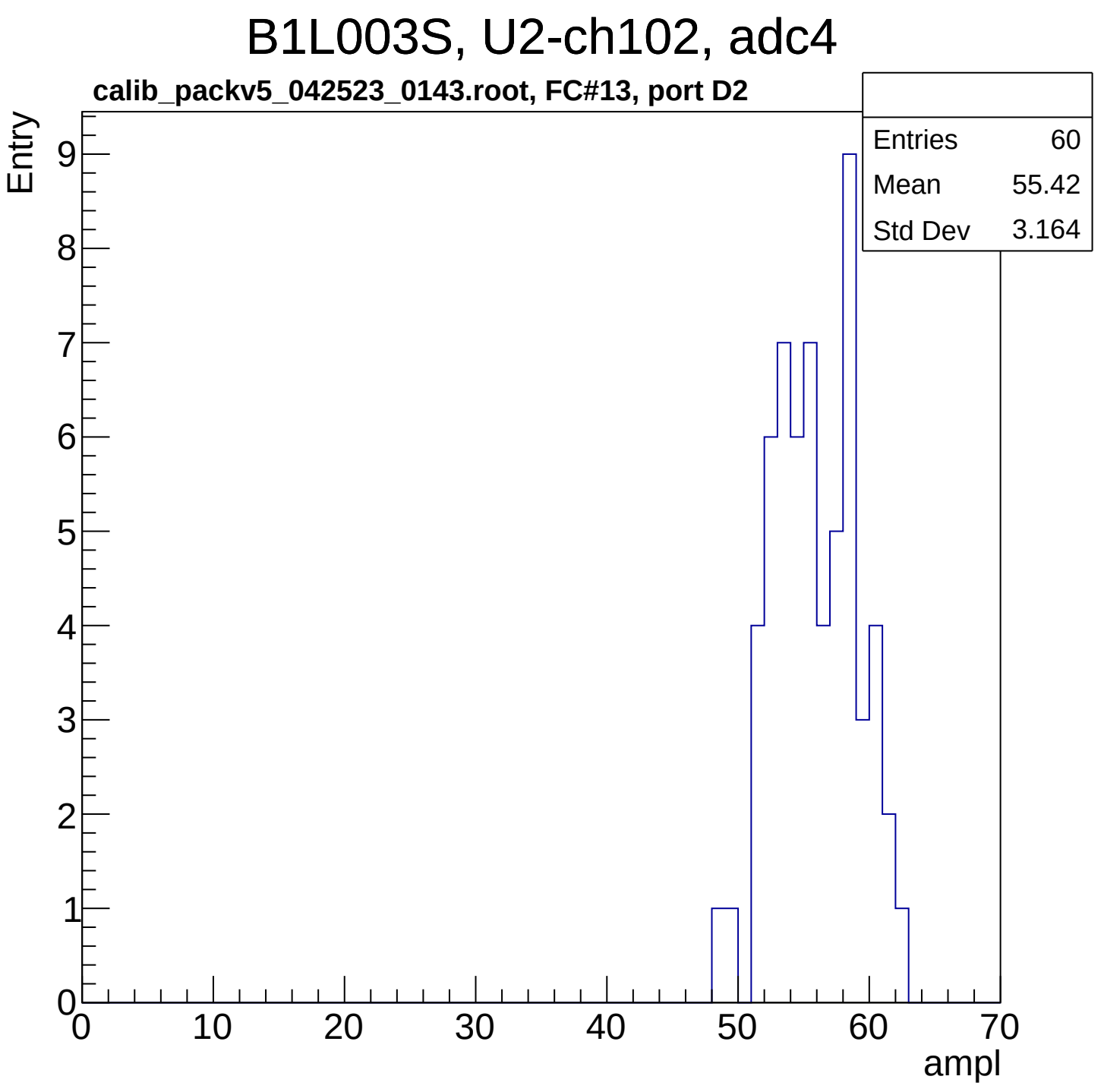
B1L003S, U2-ch102, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 55.42
Std Dev 3.164
Entry
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3
4
5
6
7
8
9
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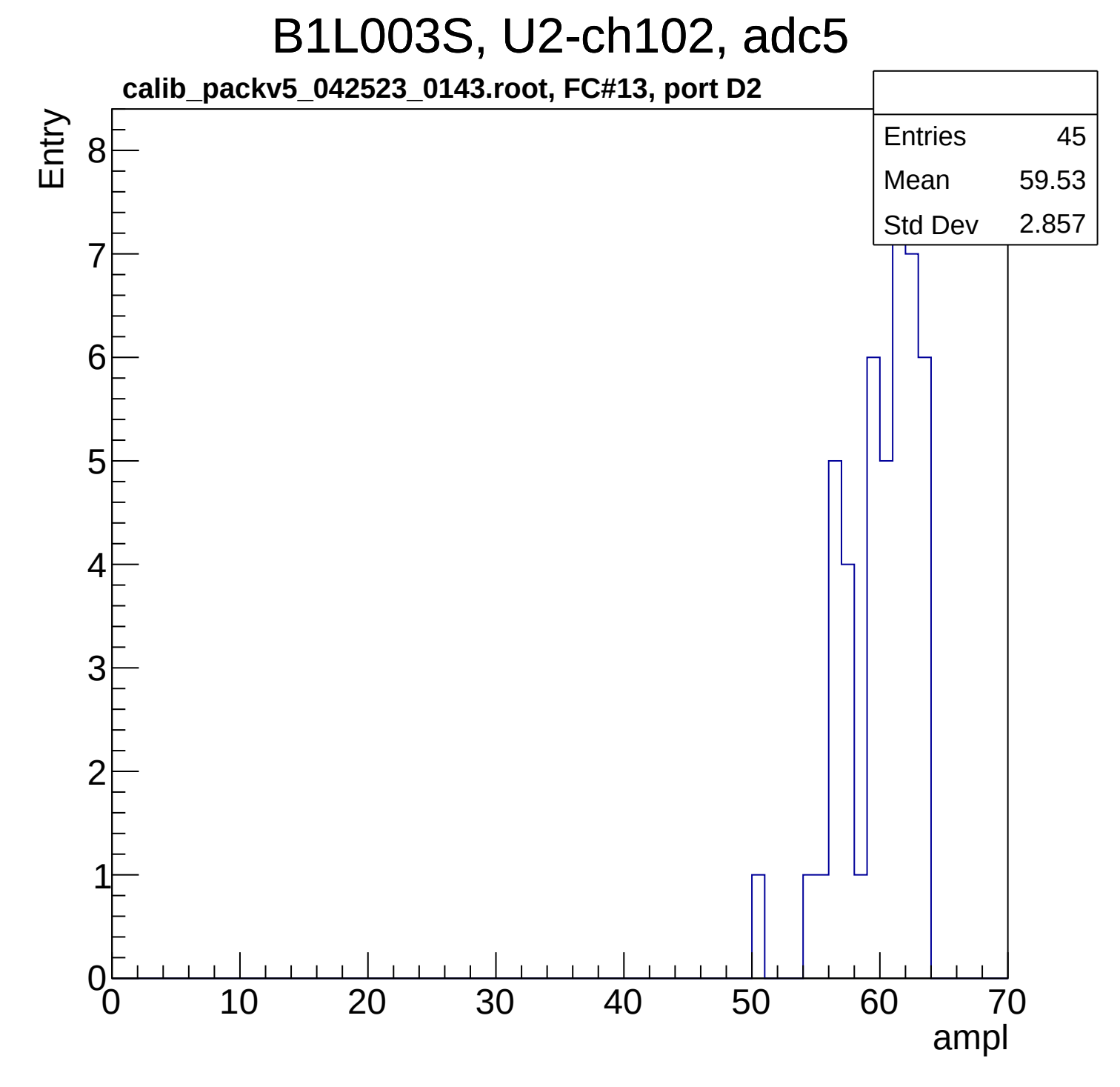
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch102, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 59.53
Std Dev 2.857
Entry
ampl
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5
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0
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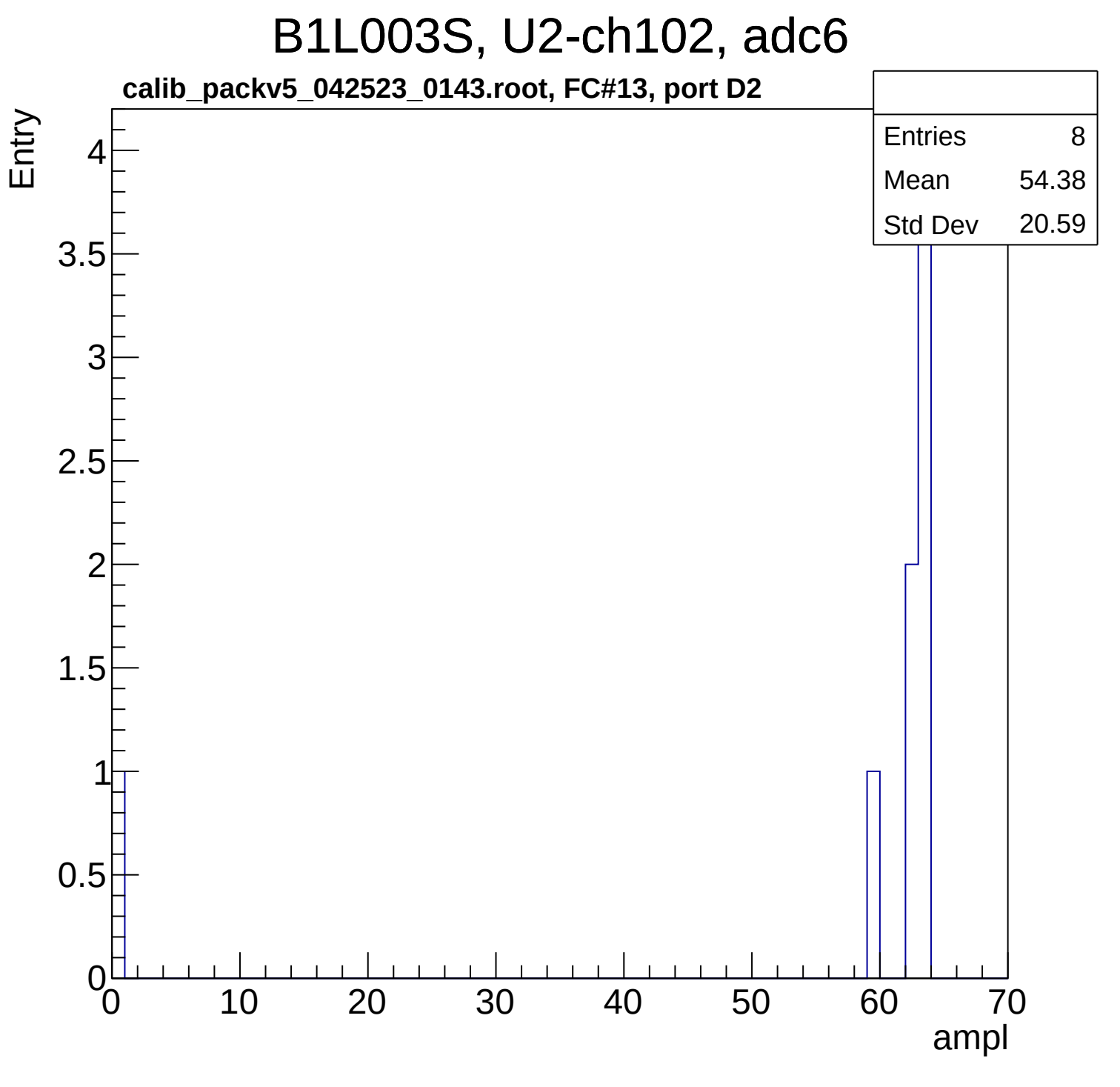
40
50
60
70


B1L003S, U2-ch102, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 54.38
Std Dev 20.59
Entry
ampl
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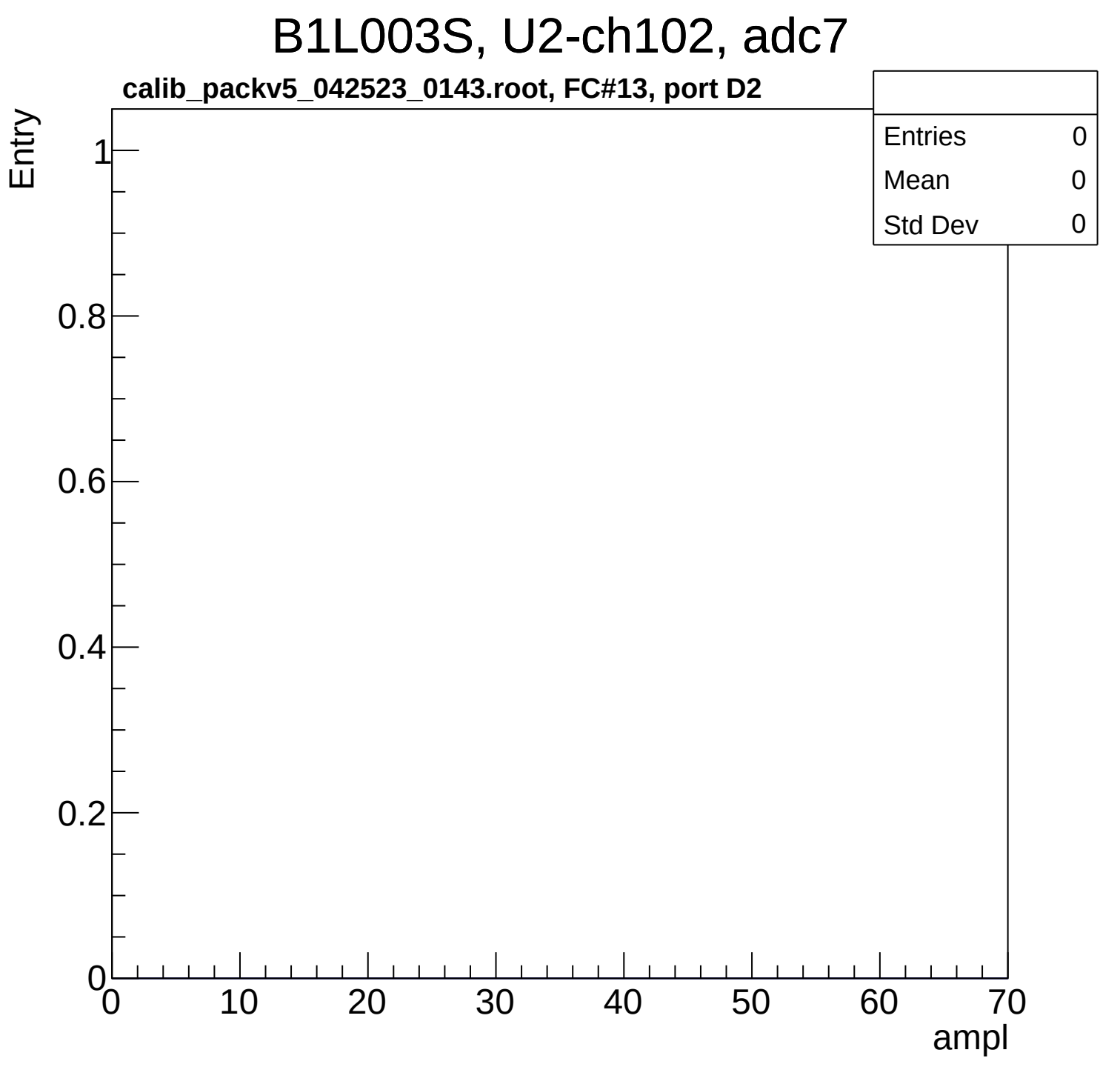
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U2-ch102, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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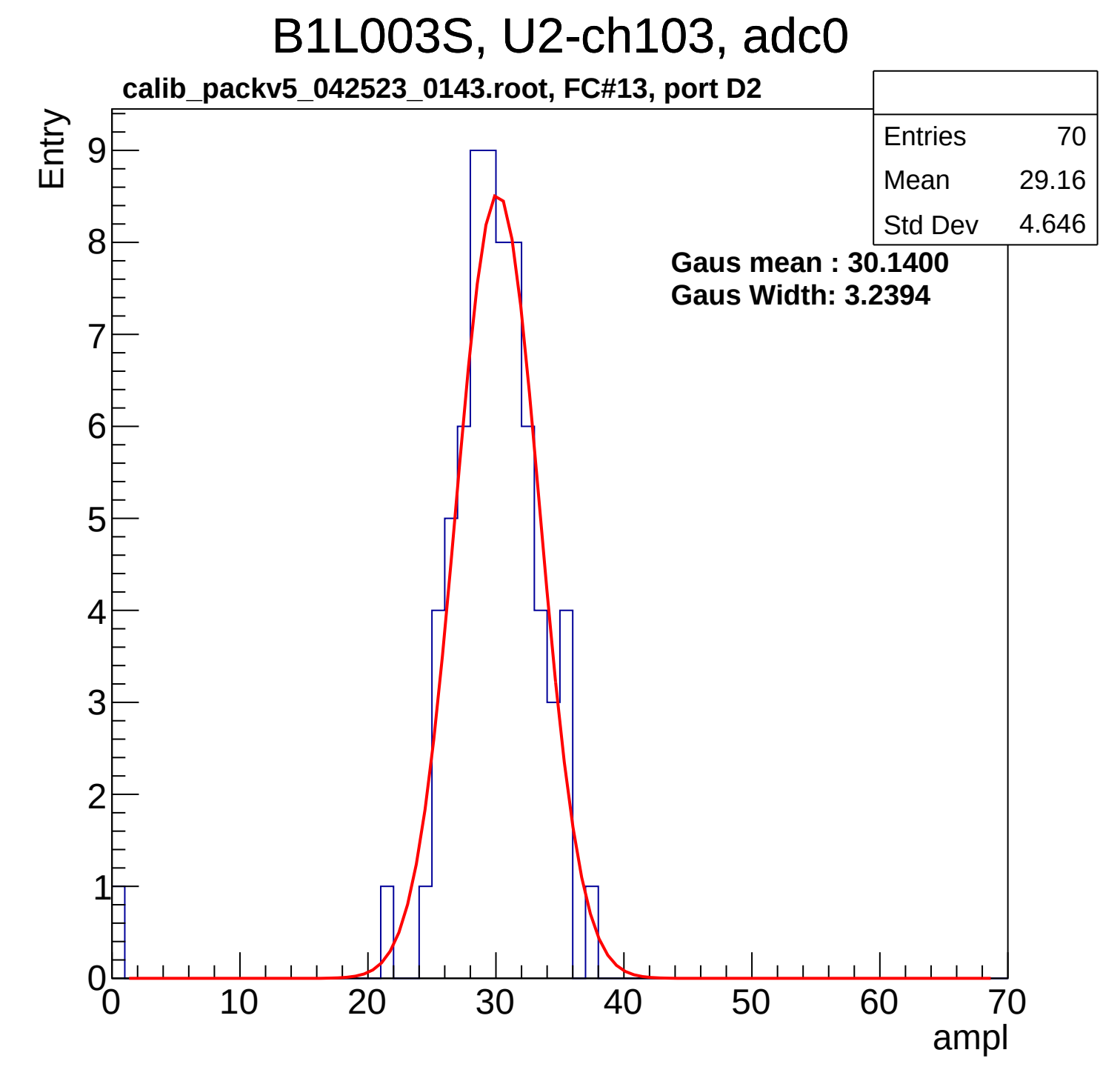
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch103, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 29.16
Std Dev 4.646
Gaus mean : 30.1400
Gaus Width: 3.2394
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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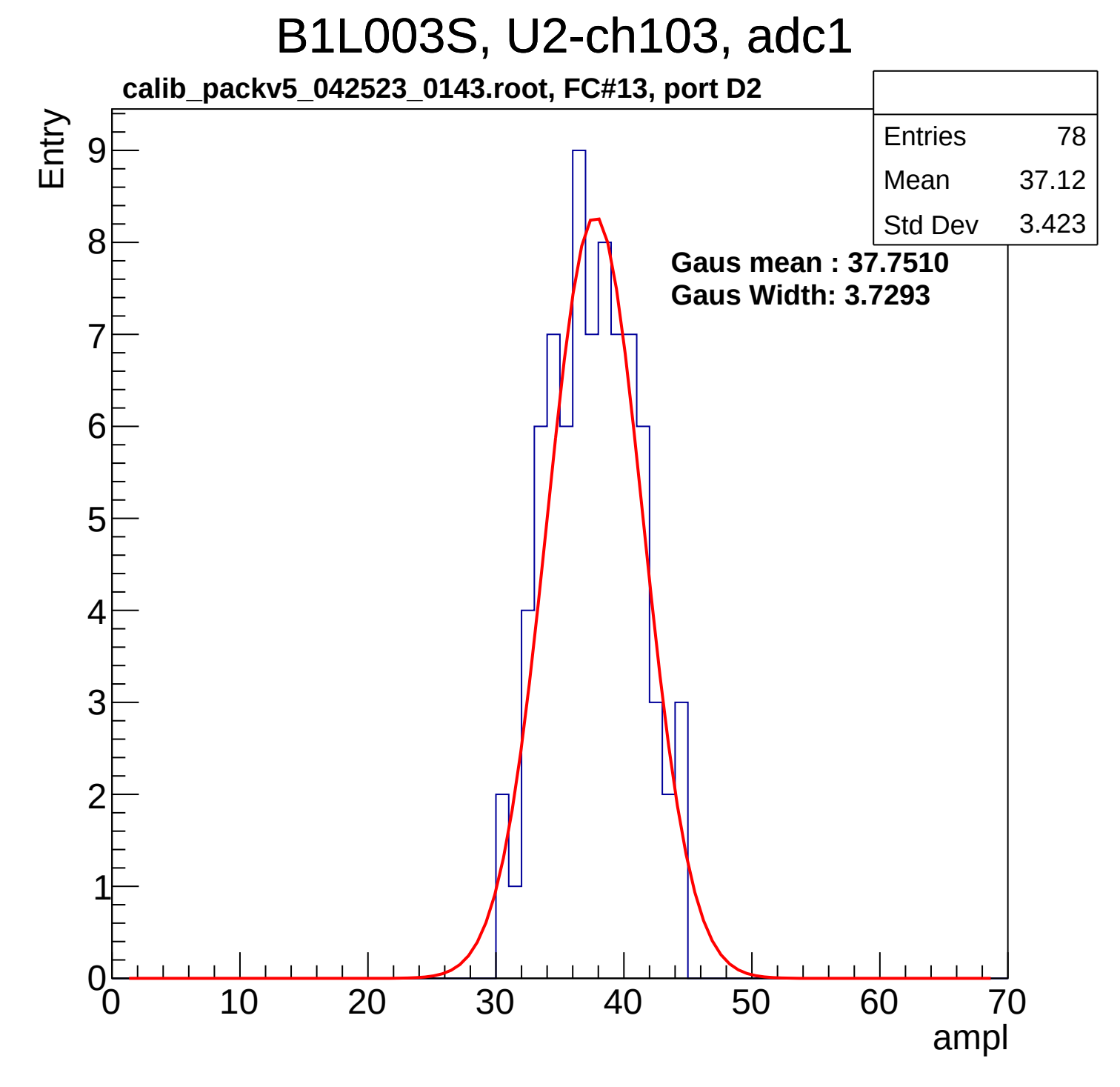
B1L003S, U2-ch103, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 37.12
Std Dev 3.423
Gaus mean : 37.7510
Gaus Width: 3.7293
Entry
ampl
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2
3
4
5
6
7
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0
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60
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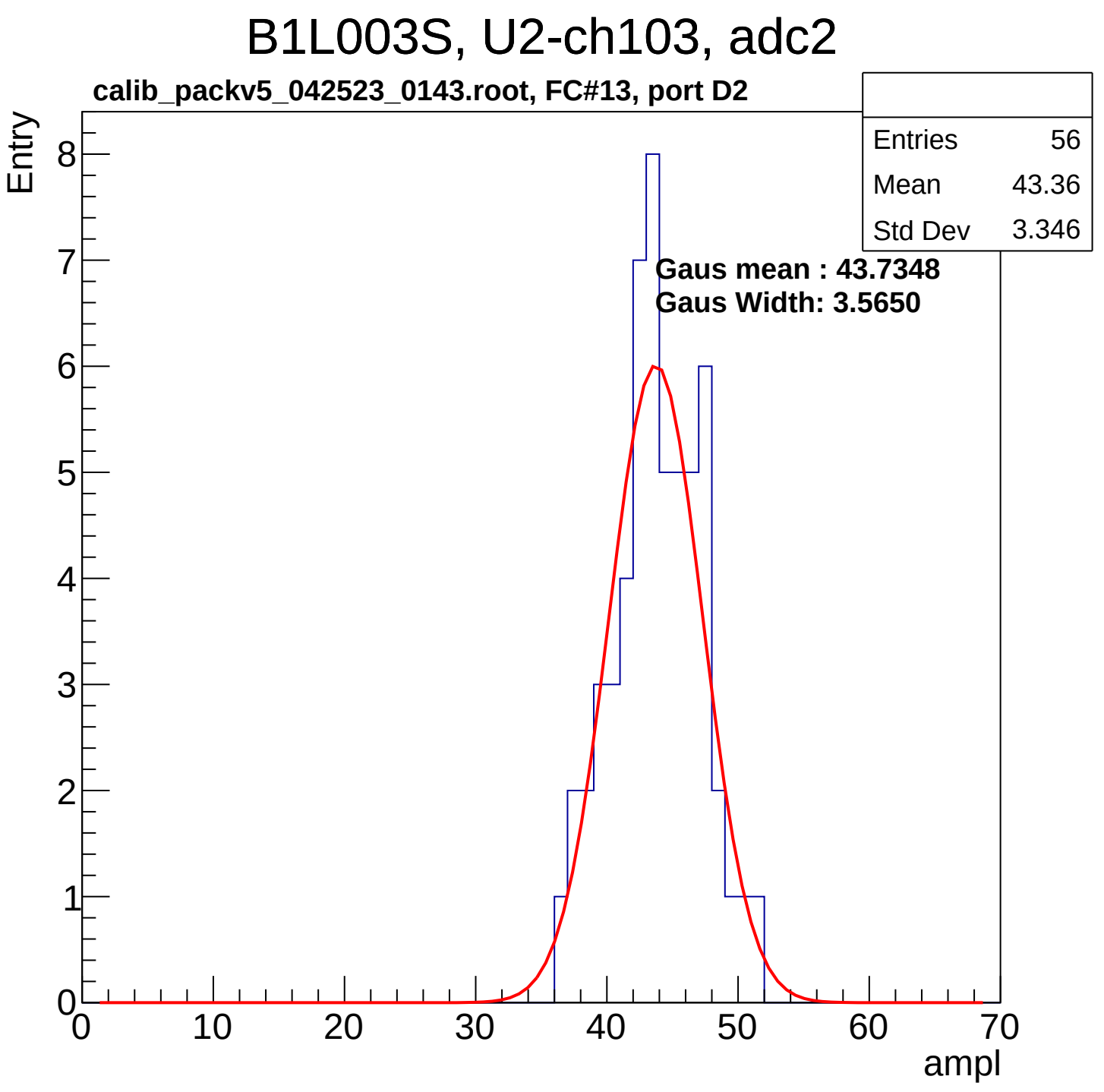
B1L003S, U2-ch103, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 43.36
Std Dev 3.346
Gaus mean : 43.7348
Gaus Width: 3.5650
Entry
ampl
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1
2
3
4
5
6
7
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0
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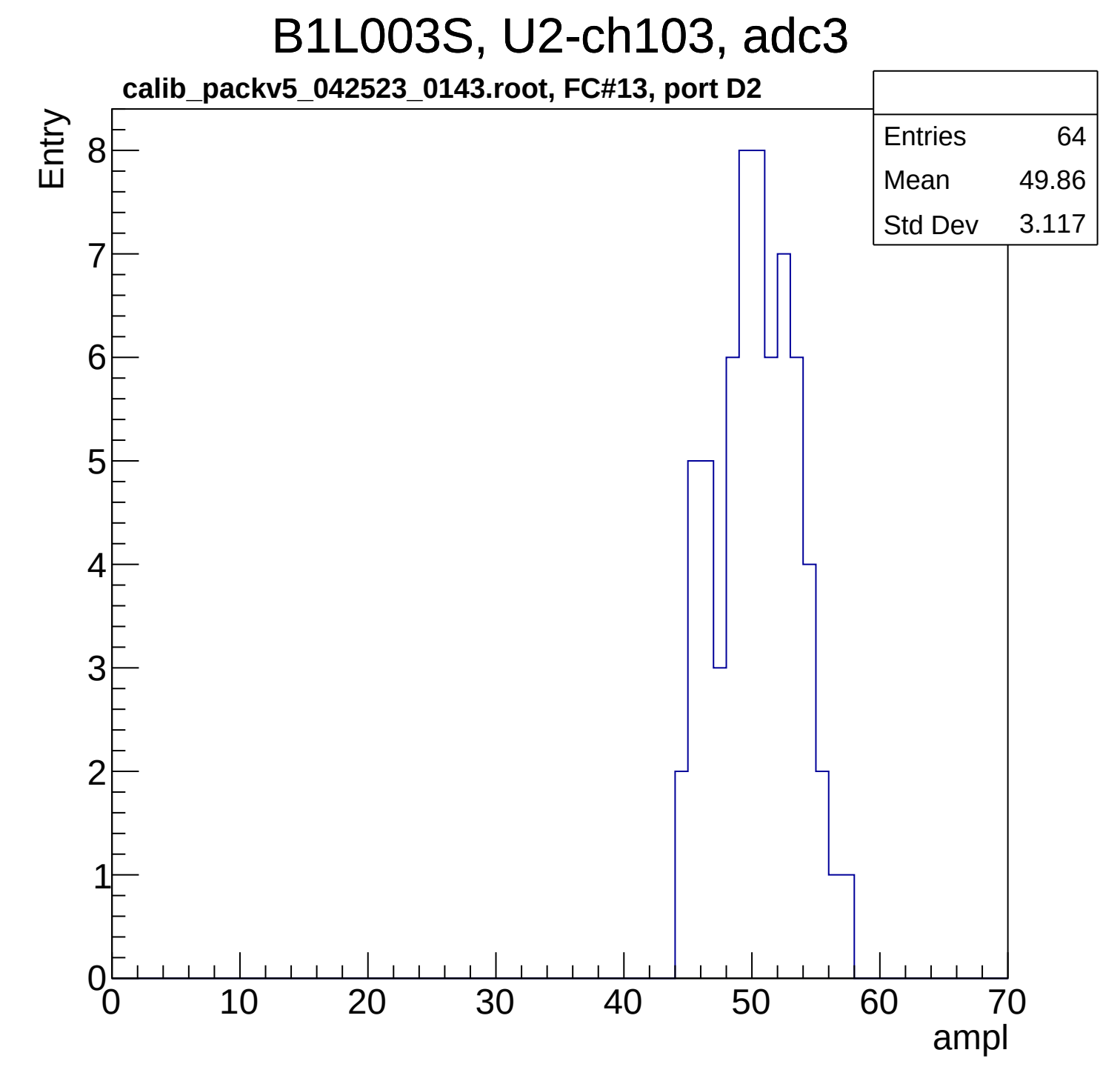
B1L003S, U2-ch103, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 49.86
Std Dev 3.117
Entry
ampl
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2
3
4
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6
7
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0
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40
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60
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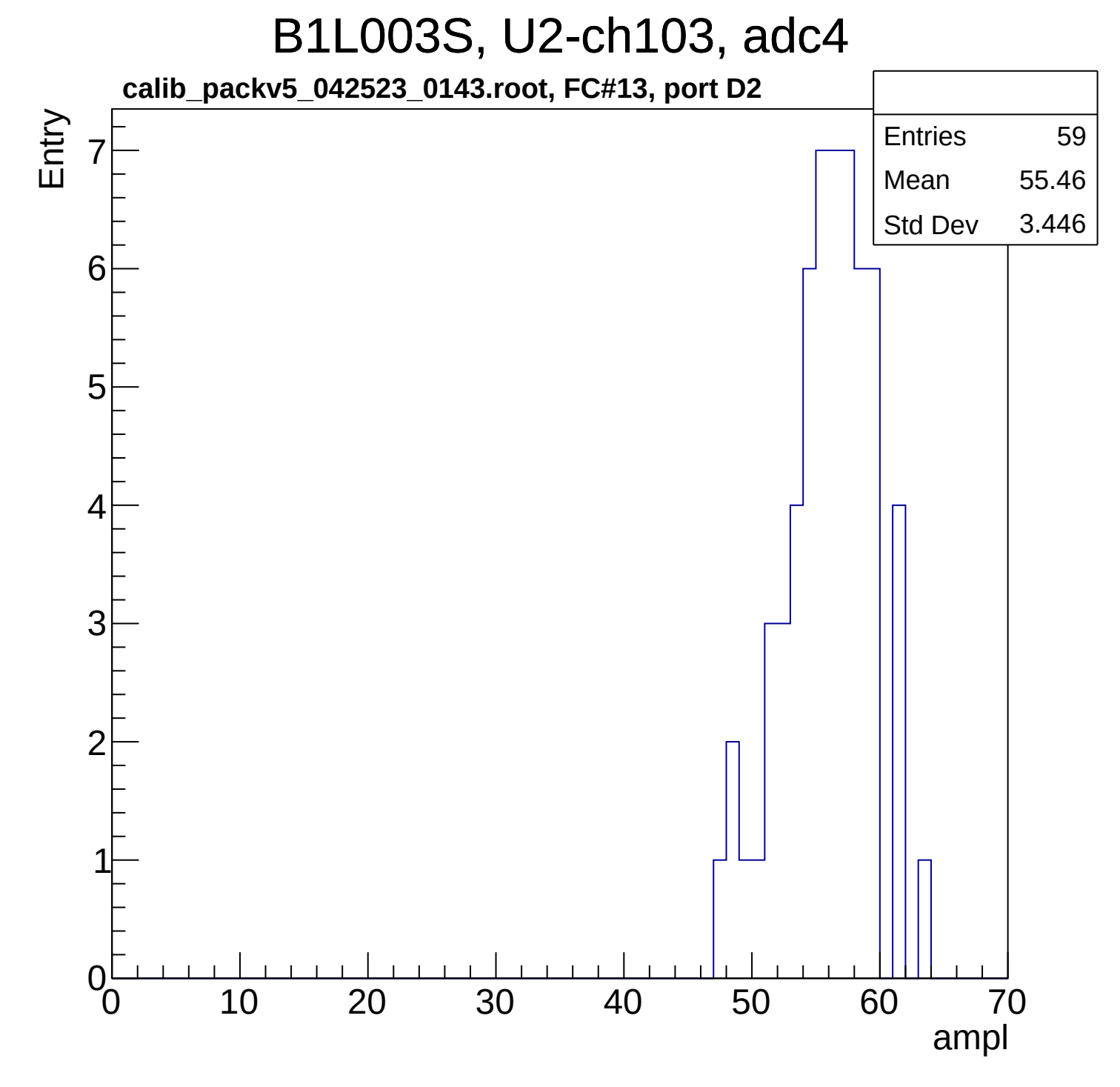
B1L003S, U2-ch103, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 55.46
Std Dev 3.446
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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50
60
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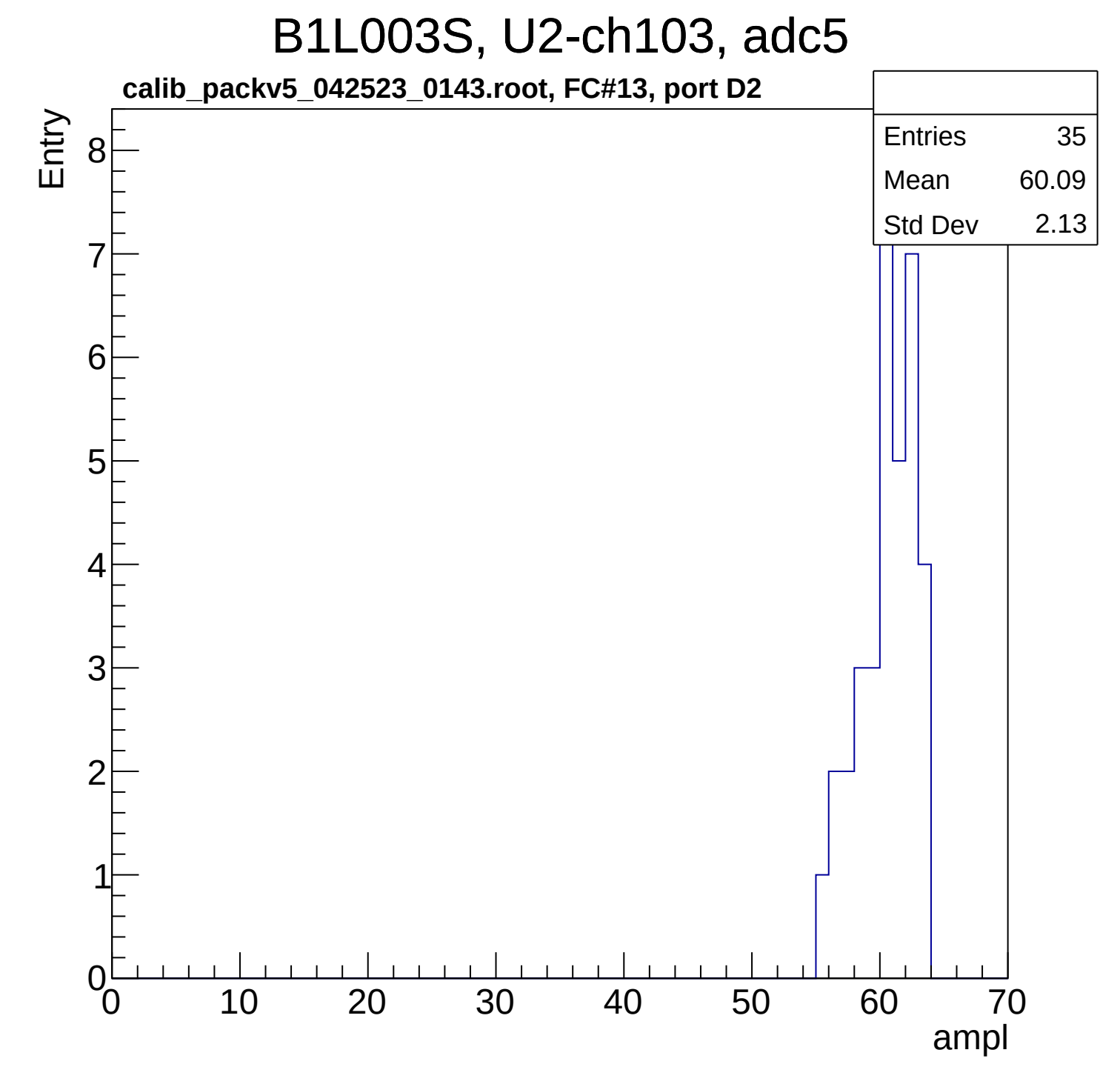
B1L003S, U2-ch103, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 60.09
Std Dev 2.13
Entry
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2
3
4
5
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7
8
0
10
20
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50
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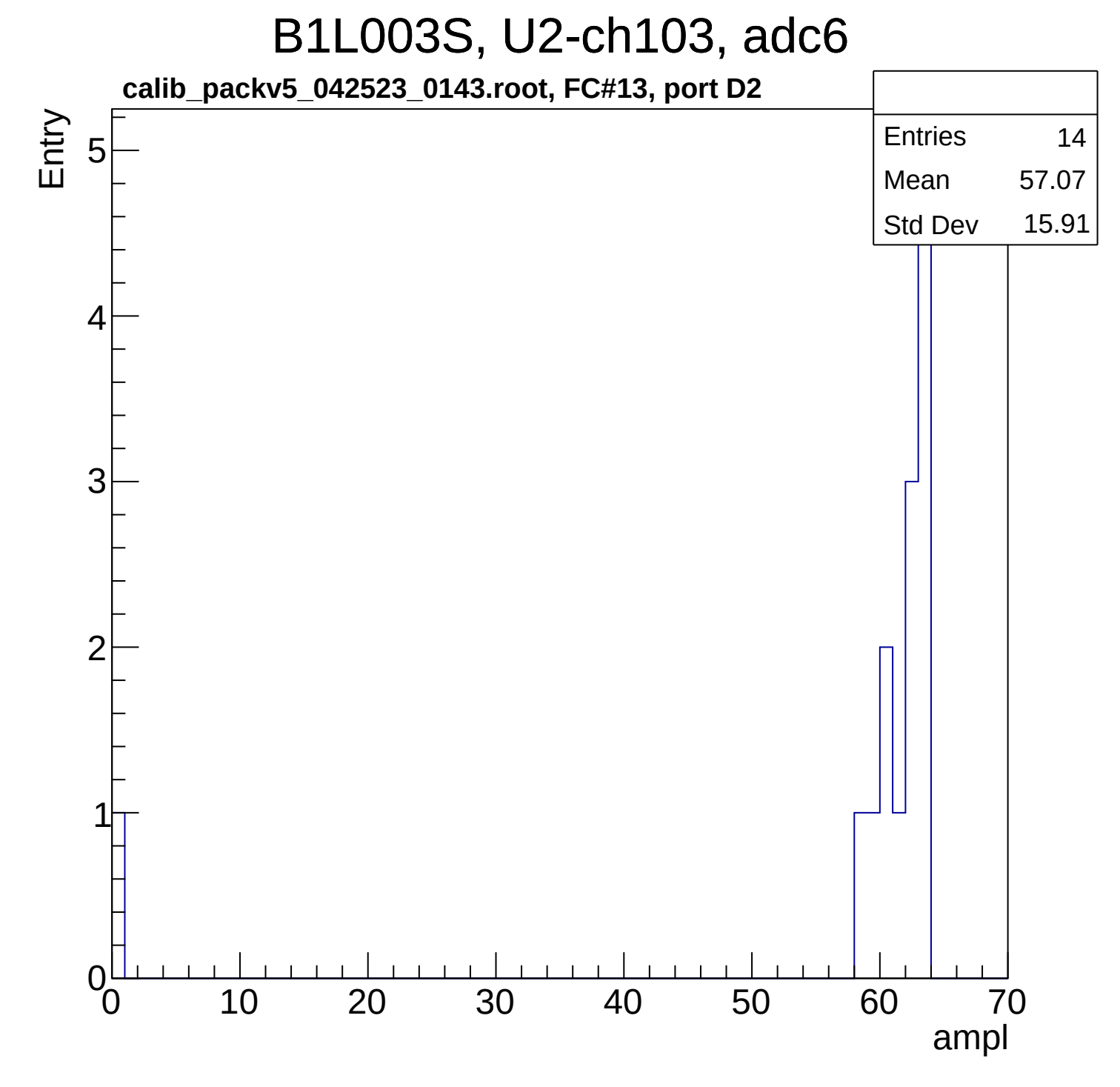
70
ampl


B1L003S, U2-ch103, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 14
Mean 57.07
Std Dev 15.91
Entry
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3
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5
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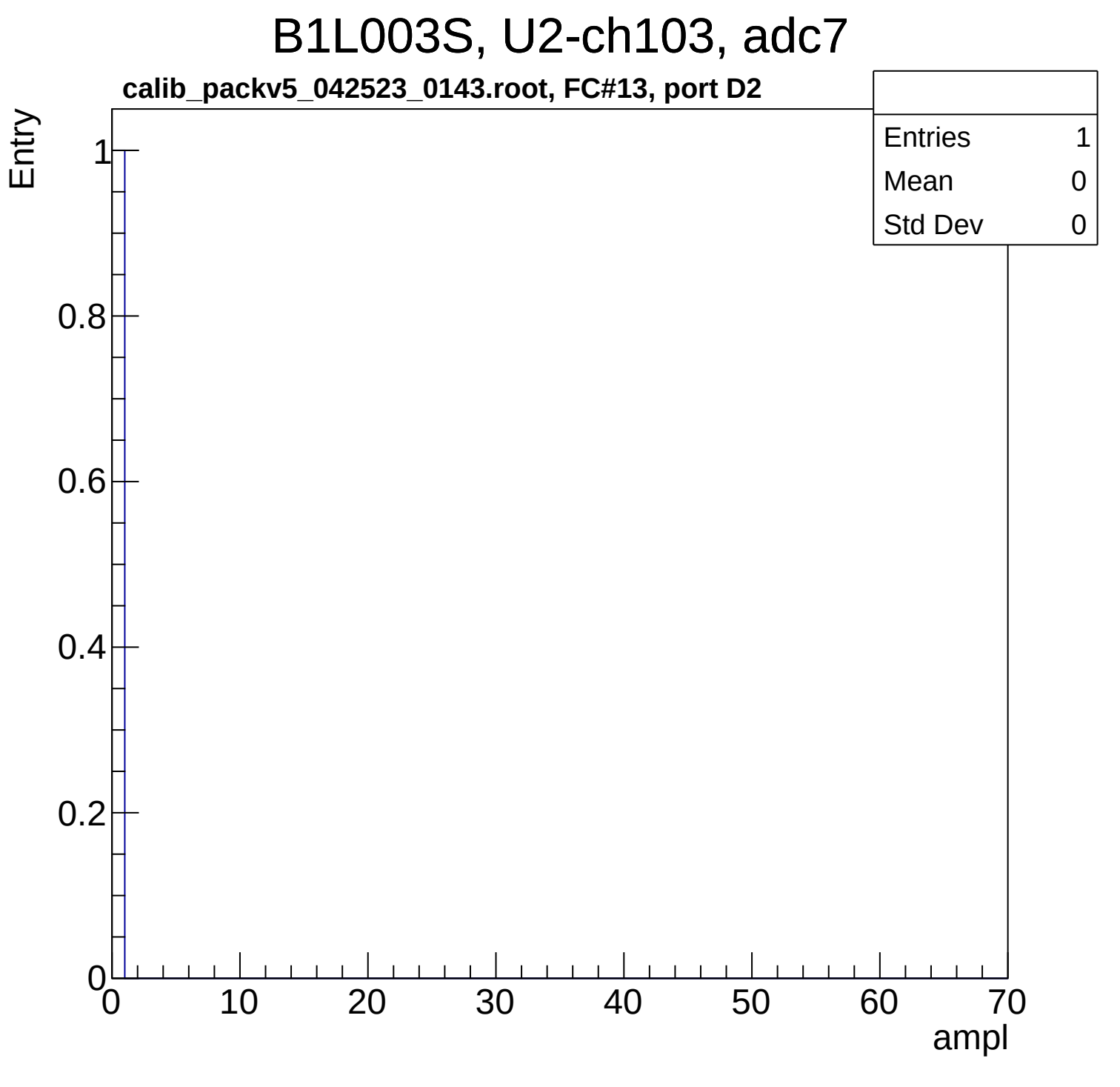
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch103, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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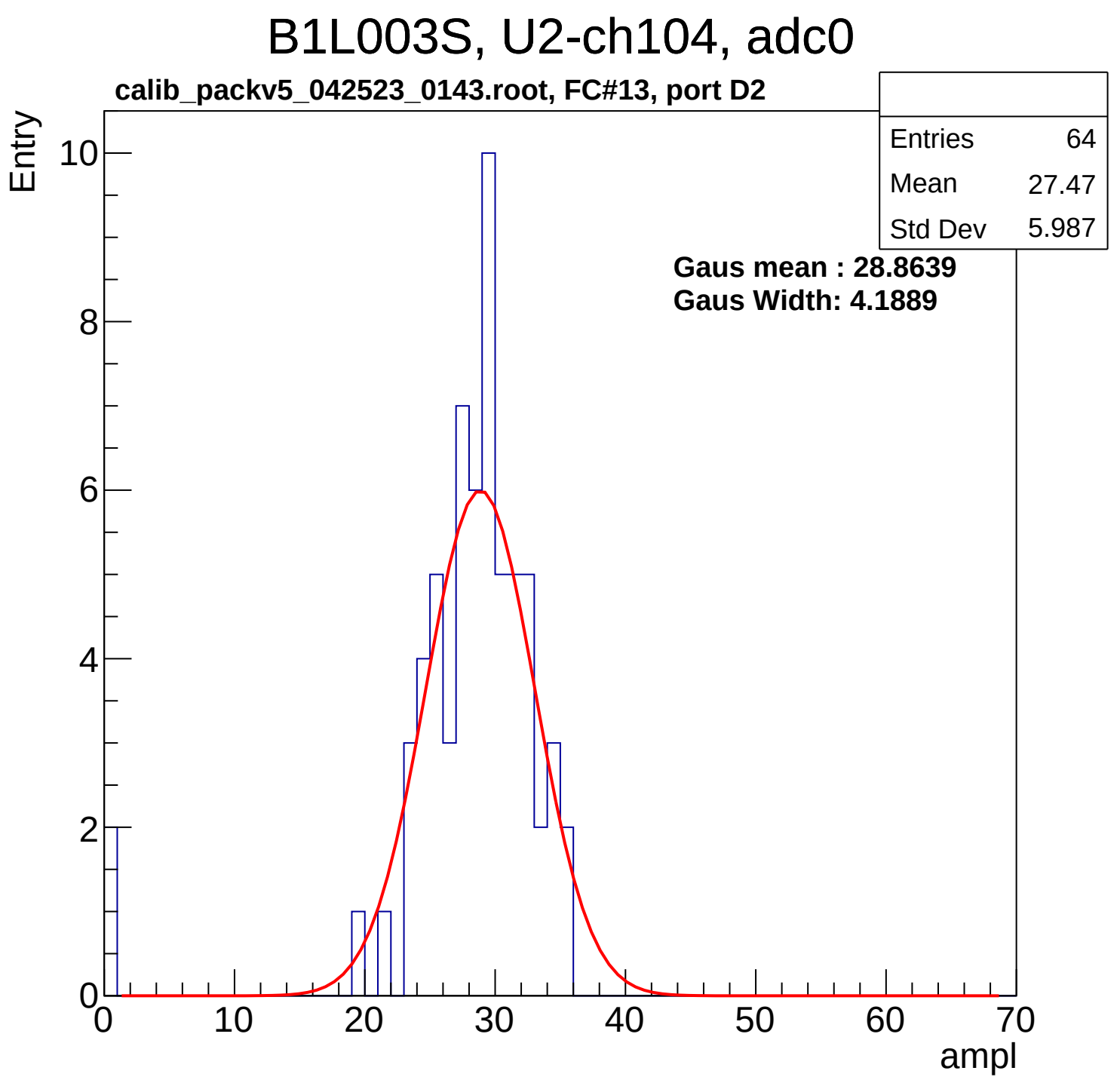
30
40
50
60
70
ampl


B1L003S, U2-ch104, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 27.47
Std Dev 5.987
Gaus mean : 28.8639
Gaus Width: 4.1889
Entry
ampl
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2
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0
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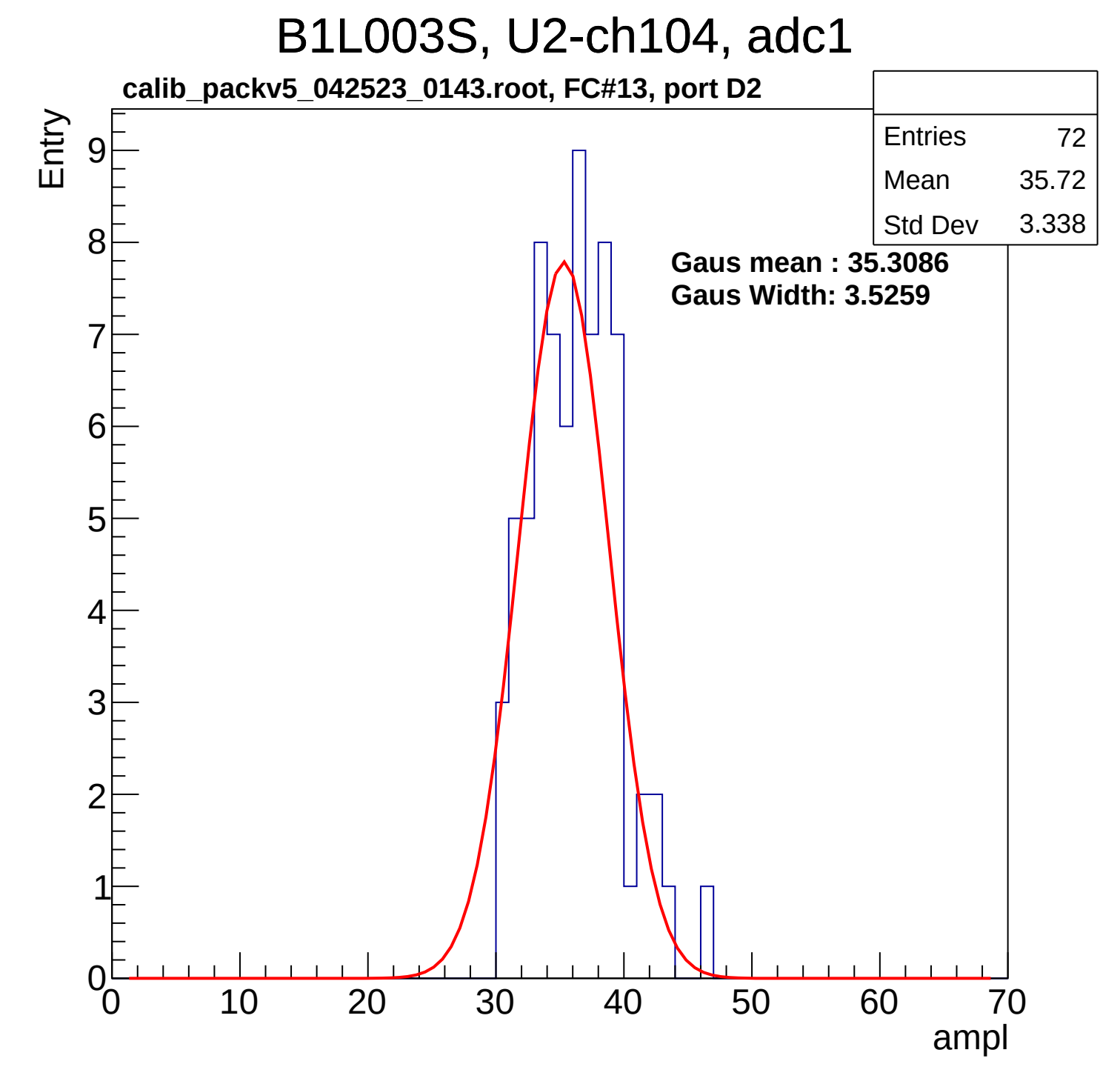
B1L003S, U2-ch104, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 35.72
Std Dev 3.338
Gaus mean : 35.3086
Gaus Width: 3.5259
Entry
ampl
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3
4
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6
7
8
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0
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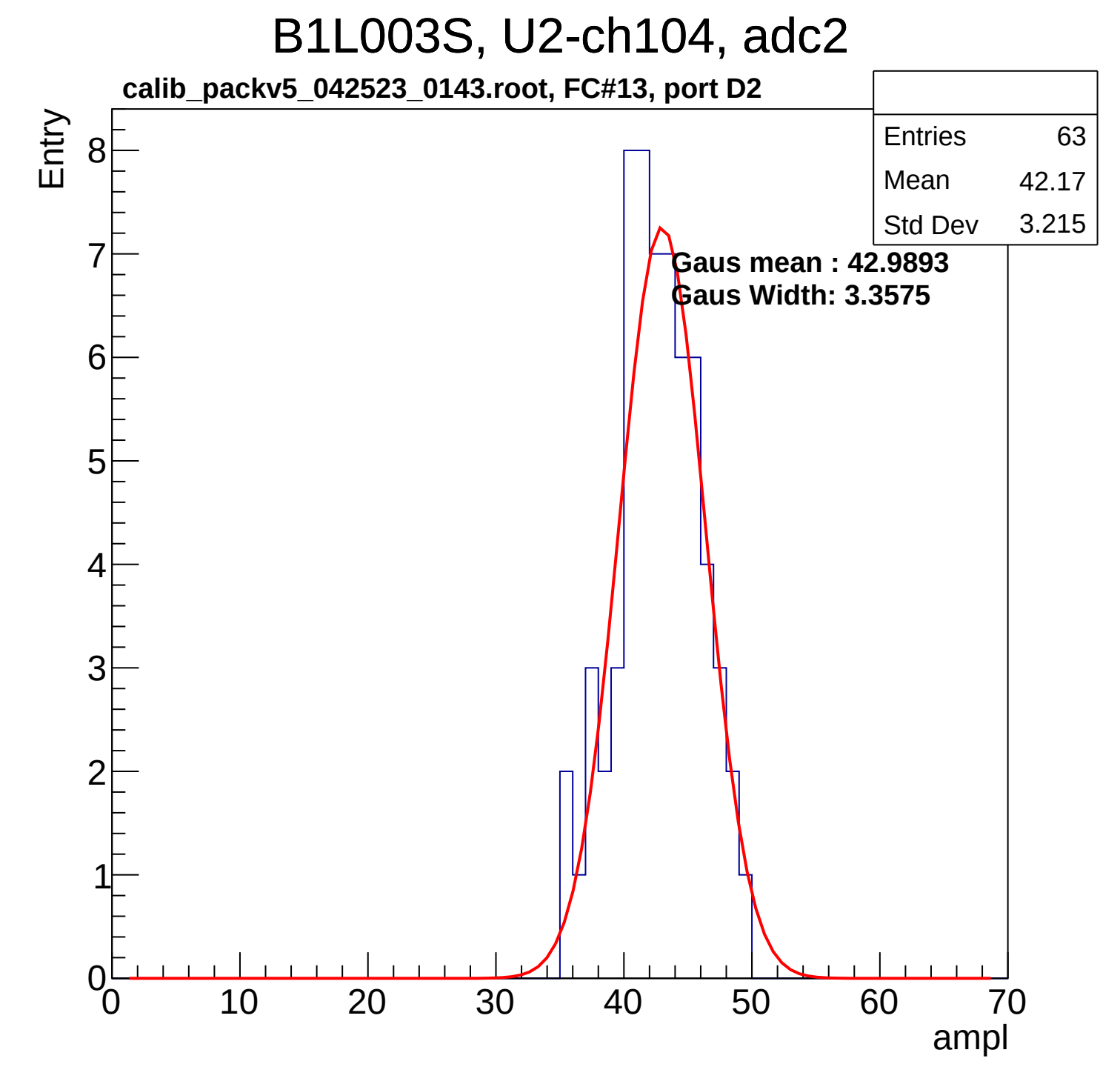
B1L003S, U2-ch104, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 42.17
Std Dev 3.215
Gaus mean : 42.9893
Gaus Width: 3.3575
Entry
ampl
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5
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0
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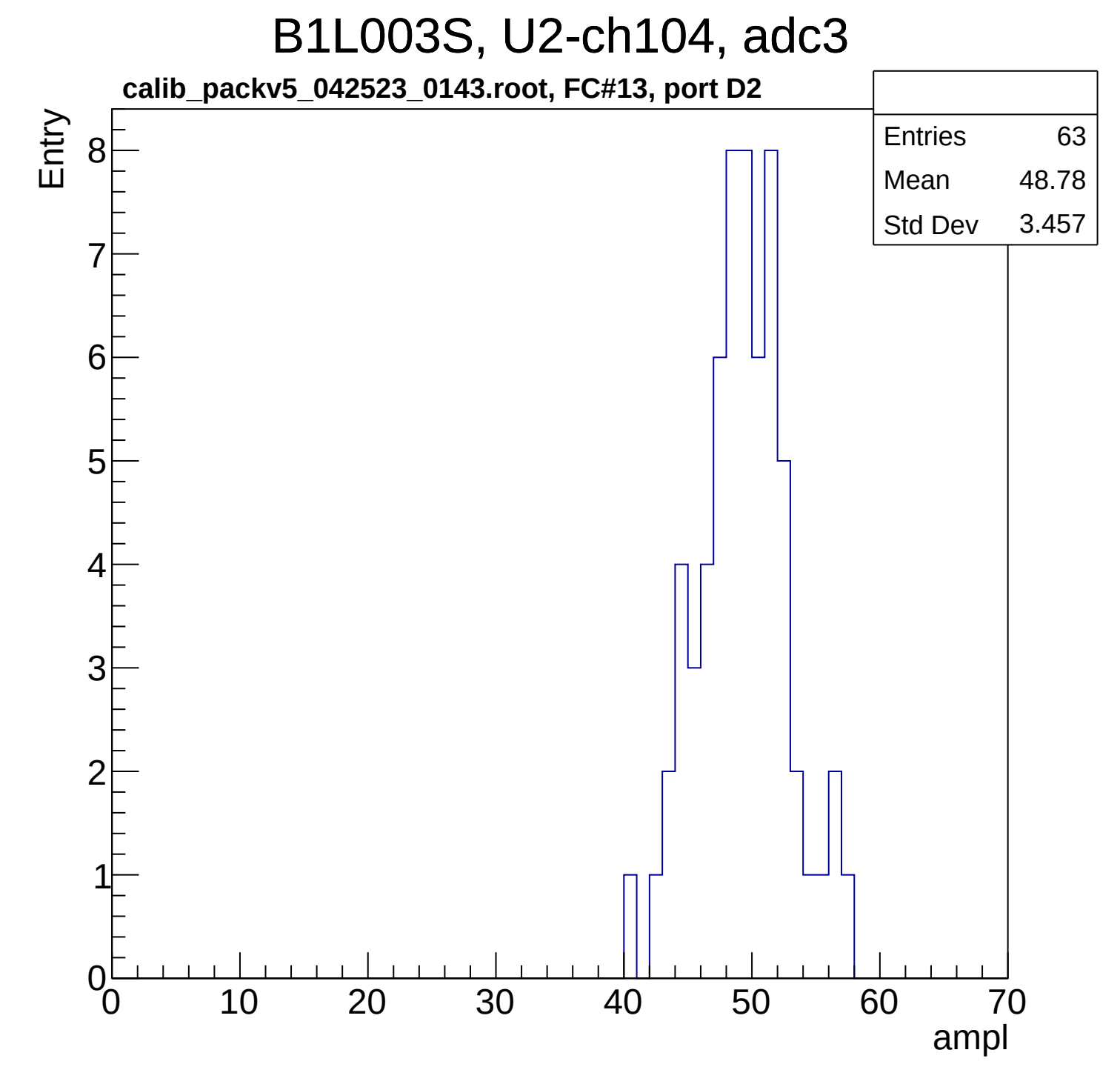
B1L003S, U2-ch104, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 48.78
Std Dev 3.457
Entry
ampl
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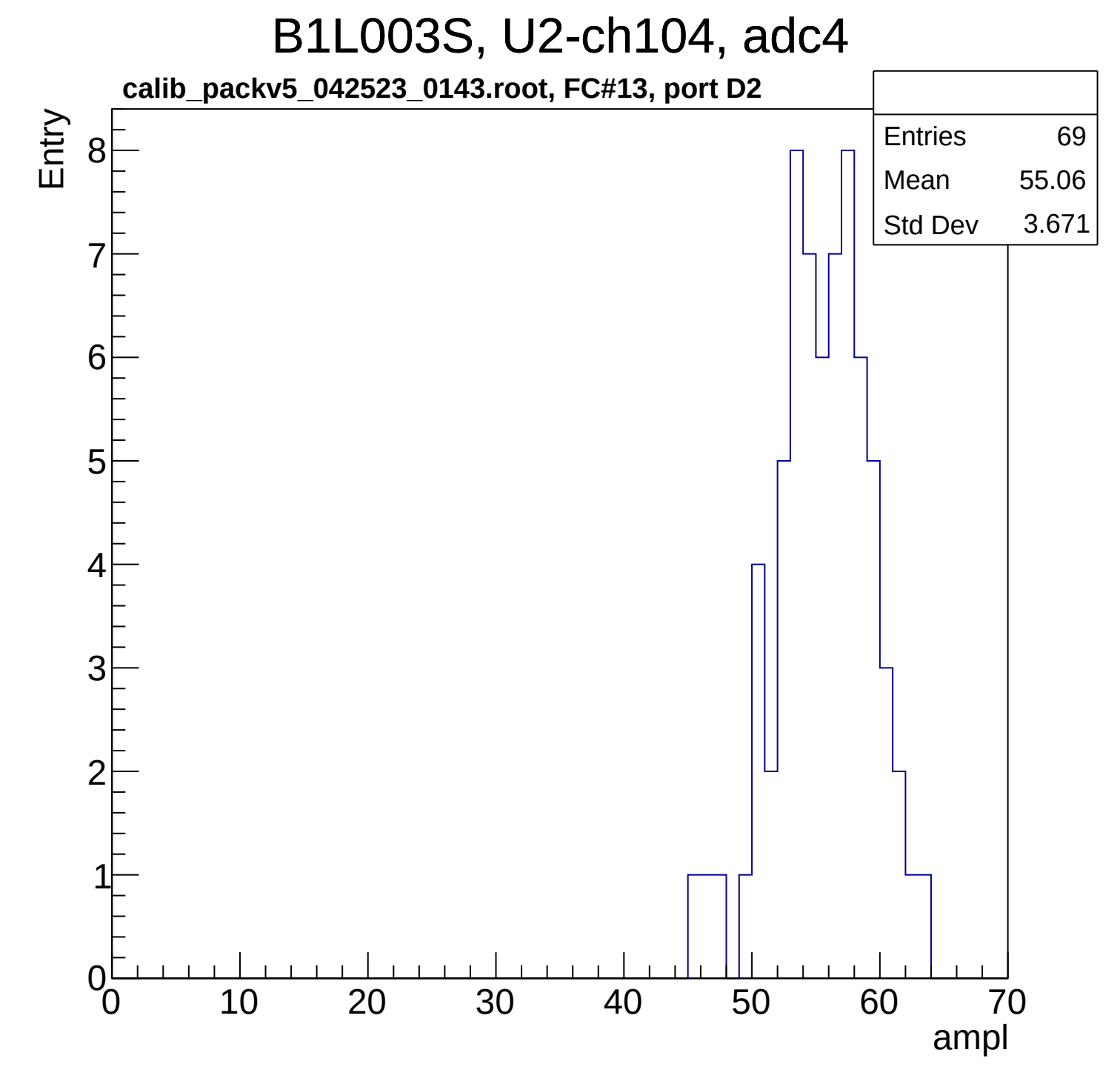
B1L003S, U2-ch104, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 55.06
Std Dev 3.671
Entry
ampl
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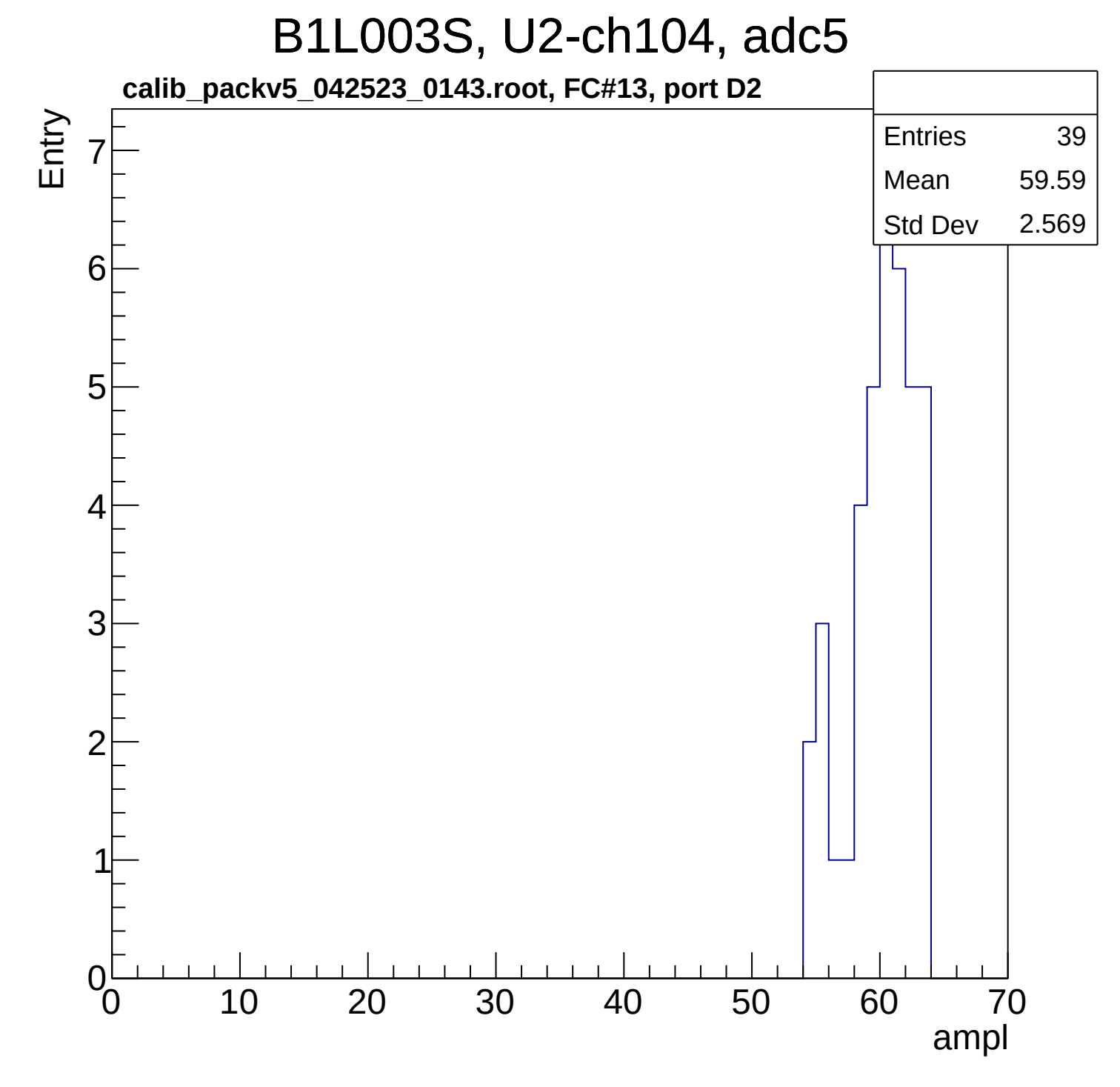
B1L003S, U2-ch104, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 59.59
Std Dev 2.569
Entry
ampl
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0
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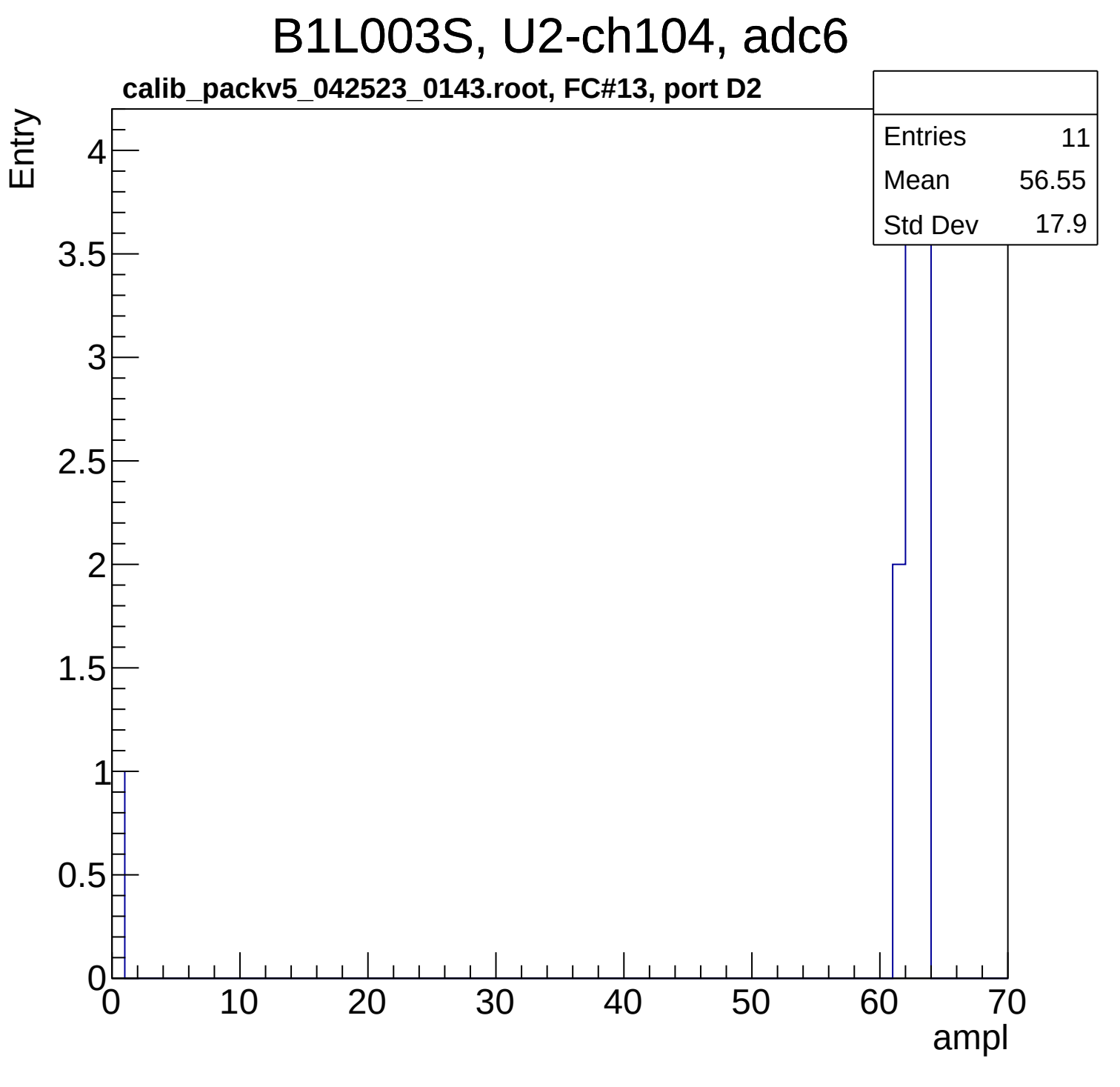
B1L003S, U2-ch104, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 56.55
Std Dev 17.9
Entry
ampl
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1.5
2
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3
3.5
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0
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60
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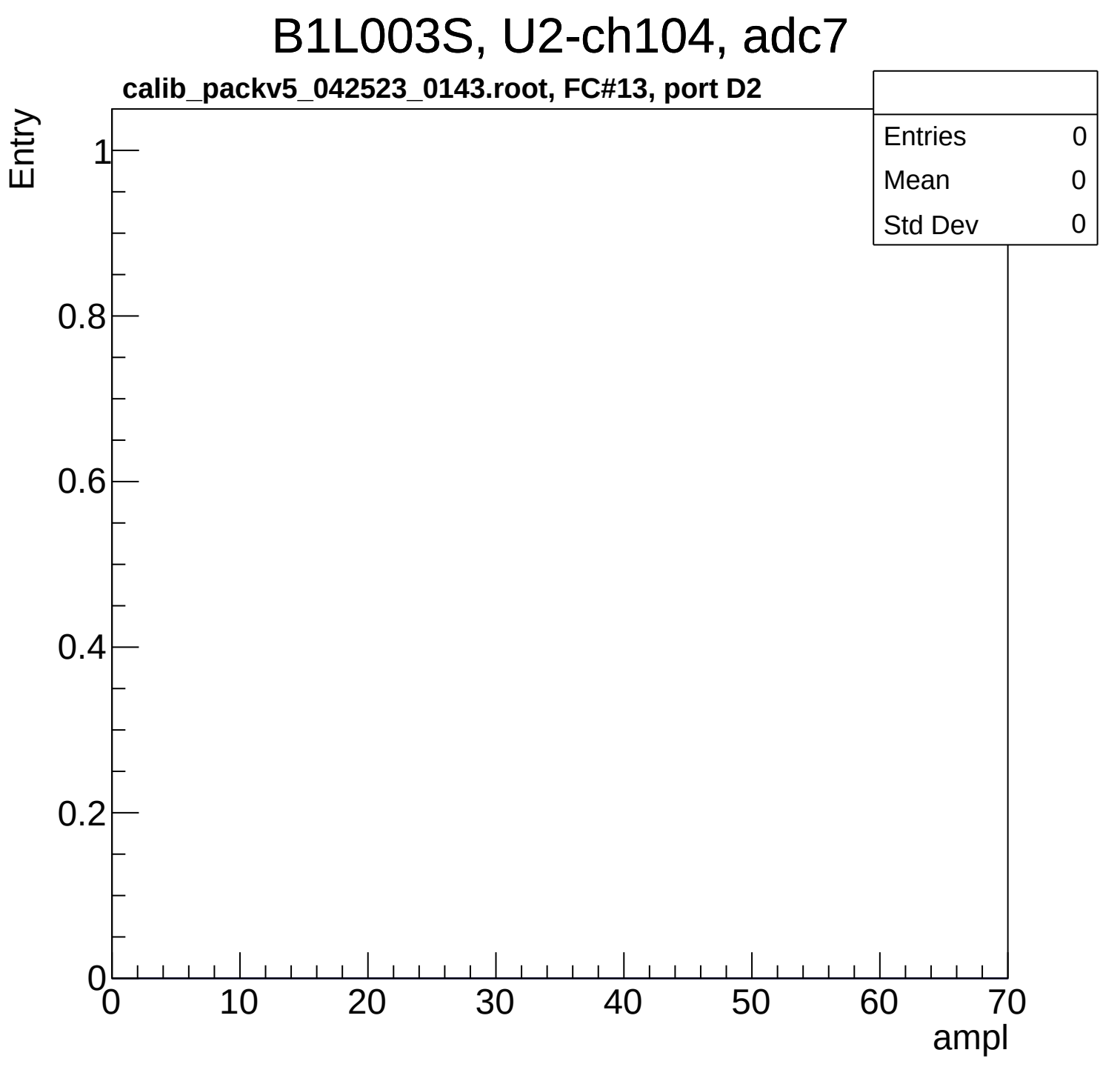
B1L003S, U2-ch104, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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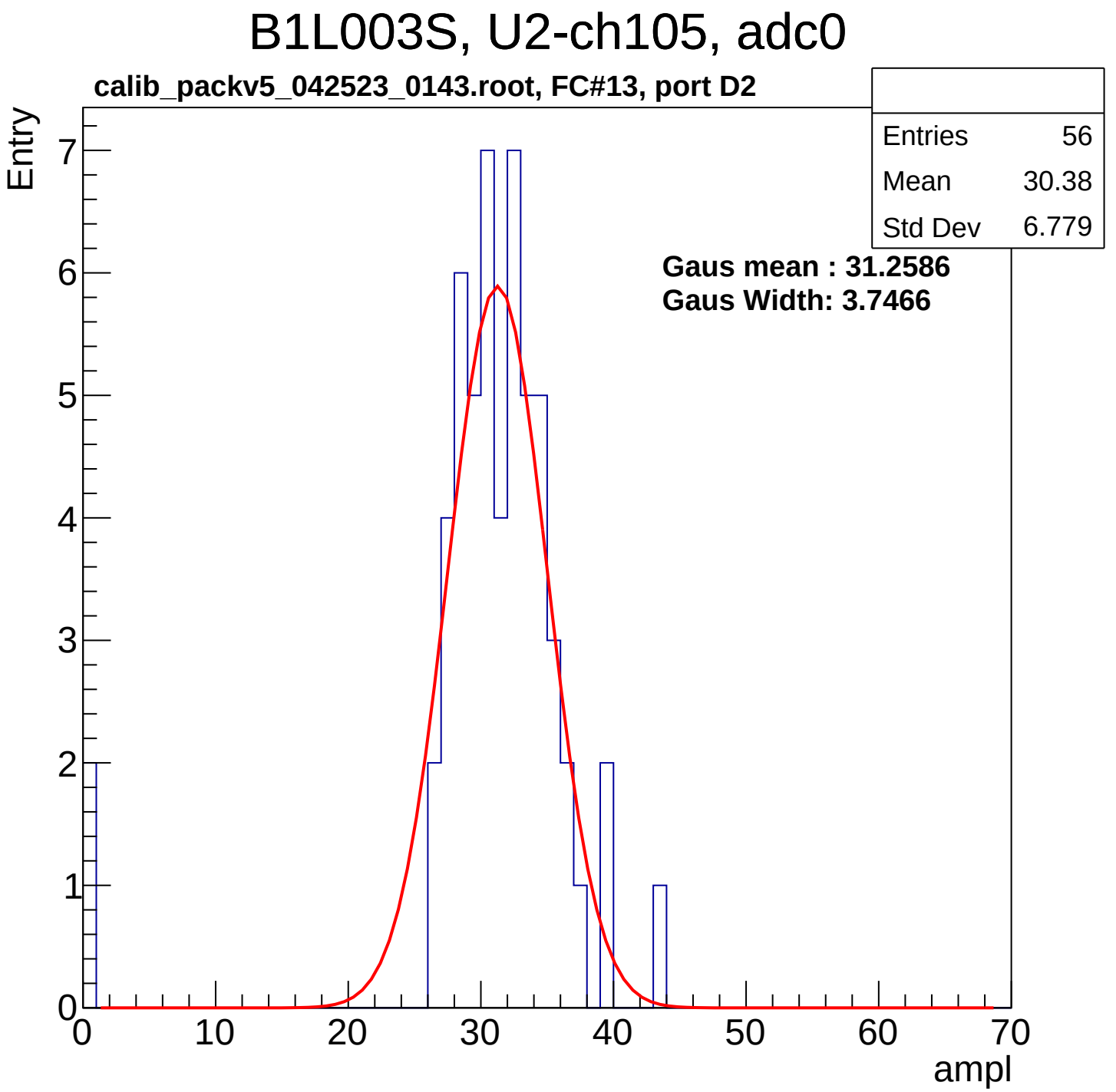
50
60
70
ampl


B1L003S, U2-ch105, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 30.38
Std Dev 6.779
Gaus mean : 31.2586
Gaus Width: 3.7466
Entry
ampl
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3
4
5
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7
0
10
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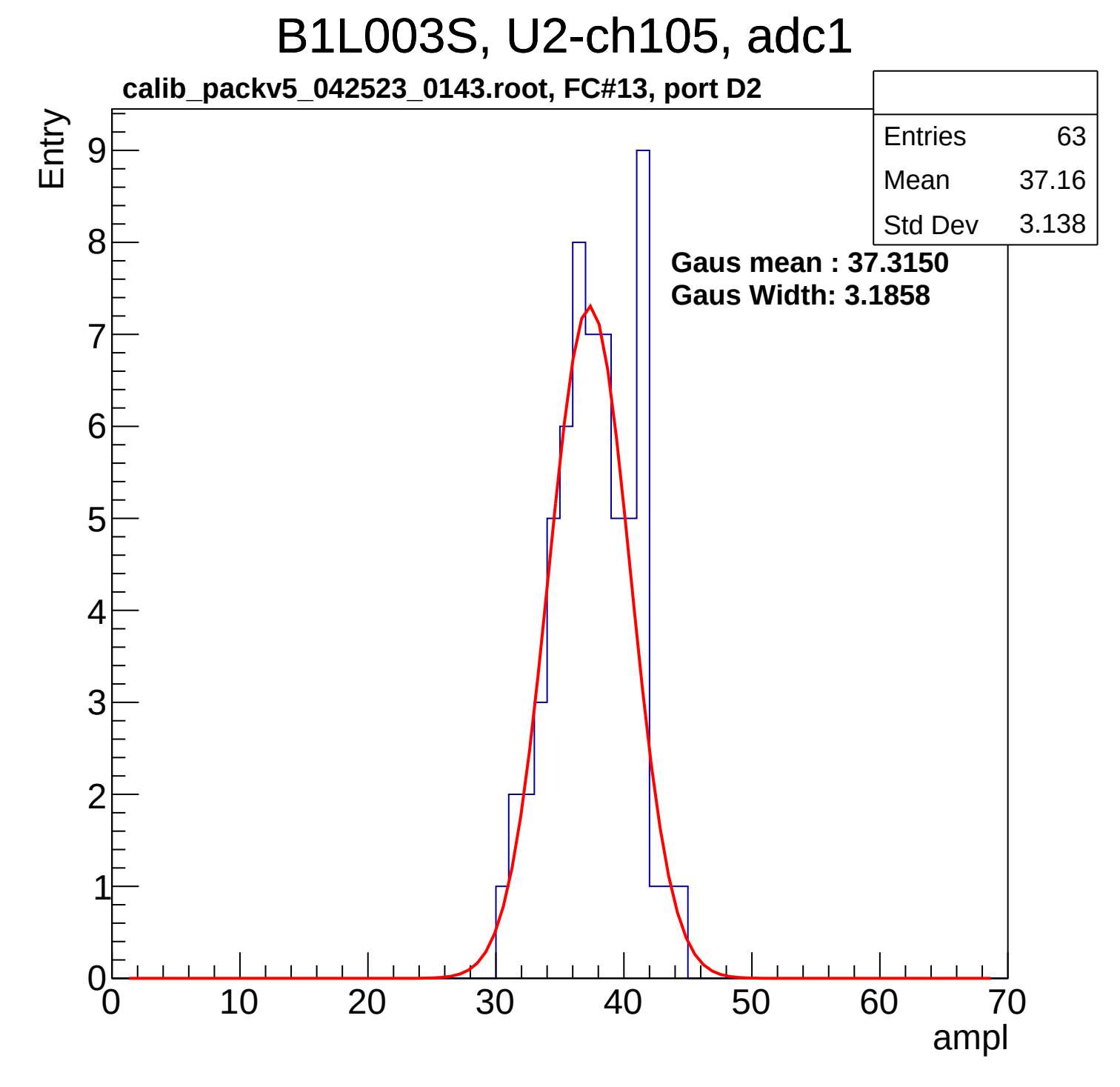
B1L003S, U2-ch105, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 37.16
Std Dev 3.138
Gaus mean : 37.3150
Gaus Width: 3.1858
Entry
ampl
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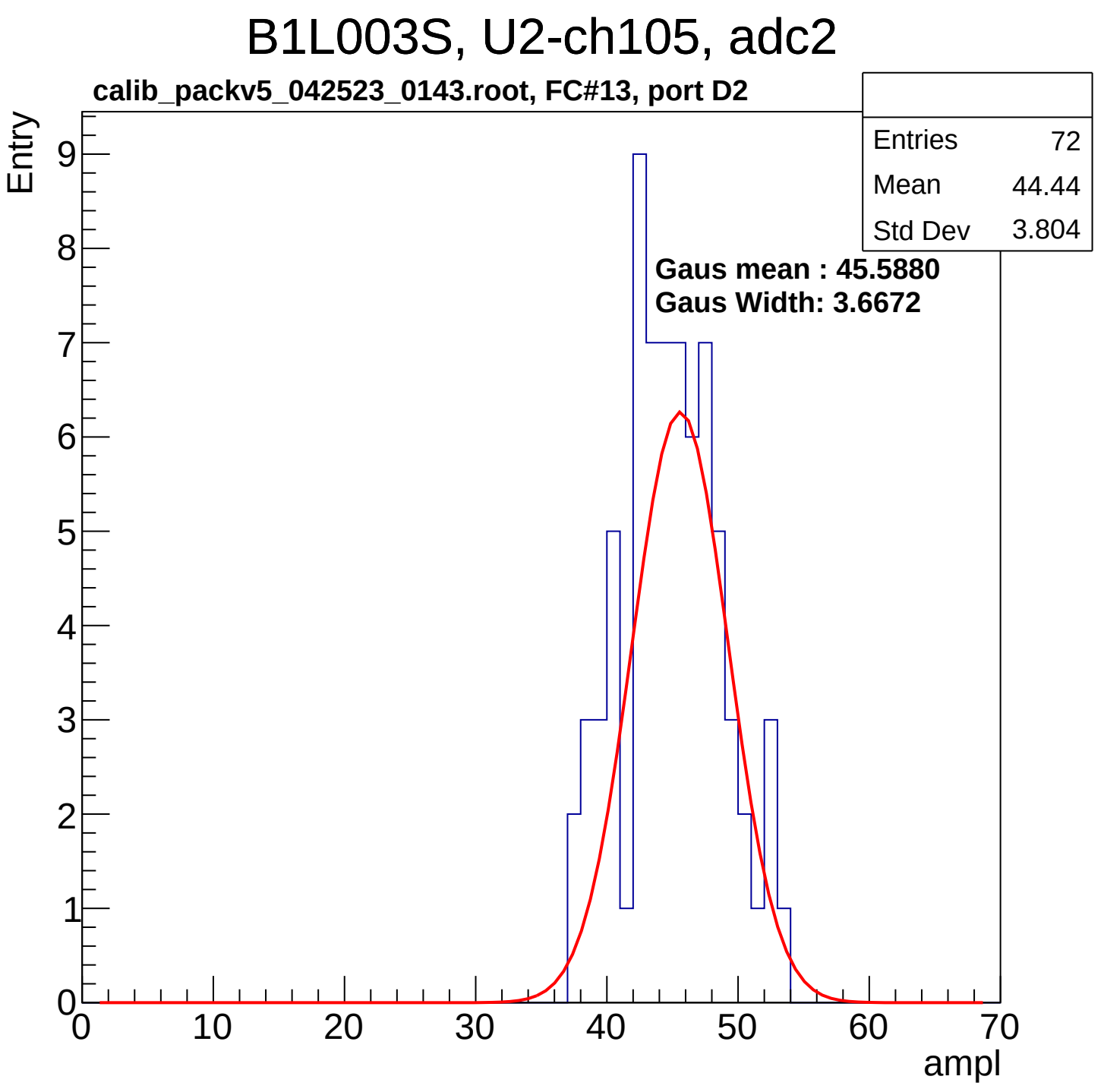
B1L003S, U2-ch105, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 44.44
Std Dev 3.804
Gaus mean : 45.5880
Gaus Width: 3.6672
Entry
ampl
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3
4
5
6
7
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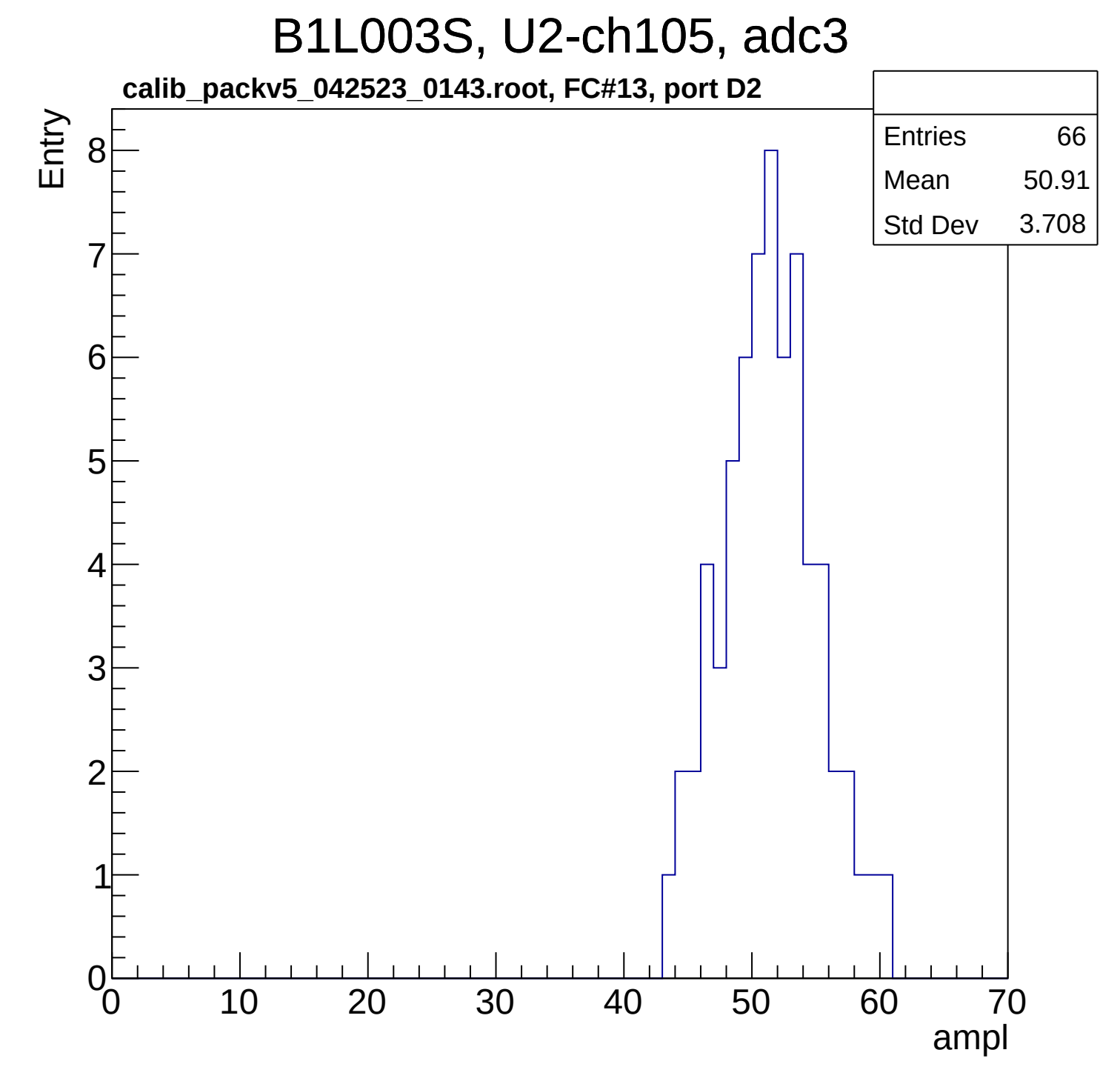
B1L003S, U2-ch105, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 50.91
Std Dev 3.708
Entry
ampl
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3
4
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6
7
8
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10
20
30
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60
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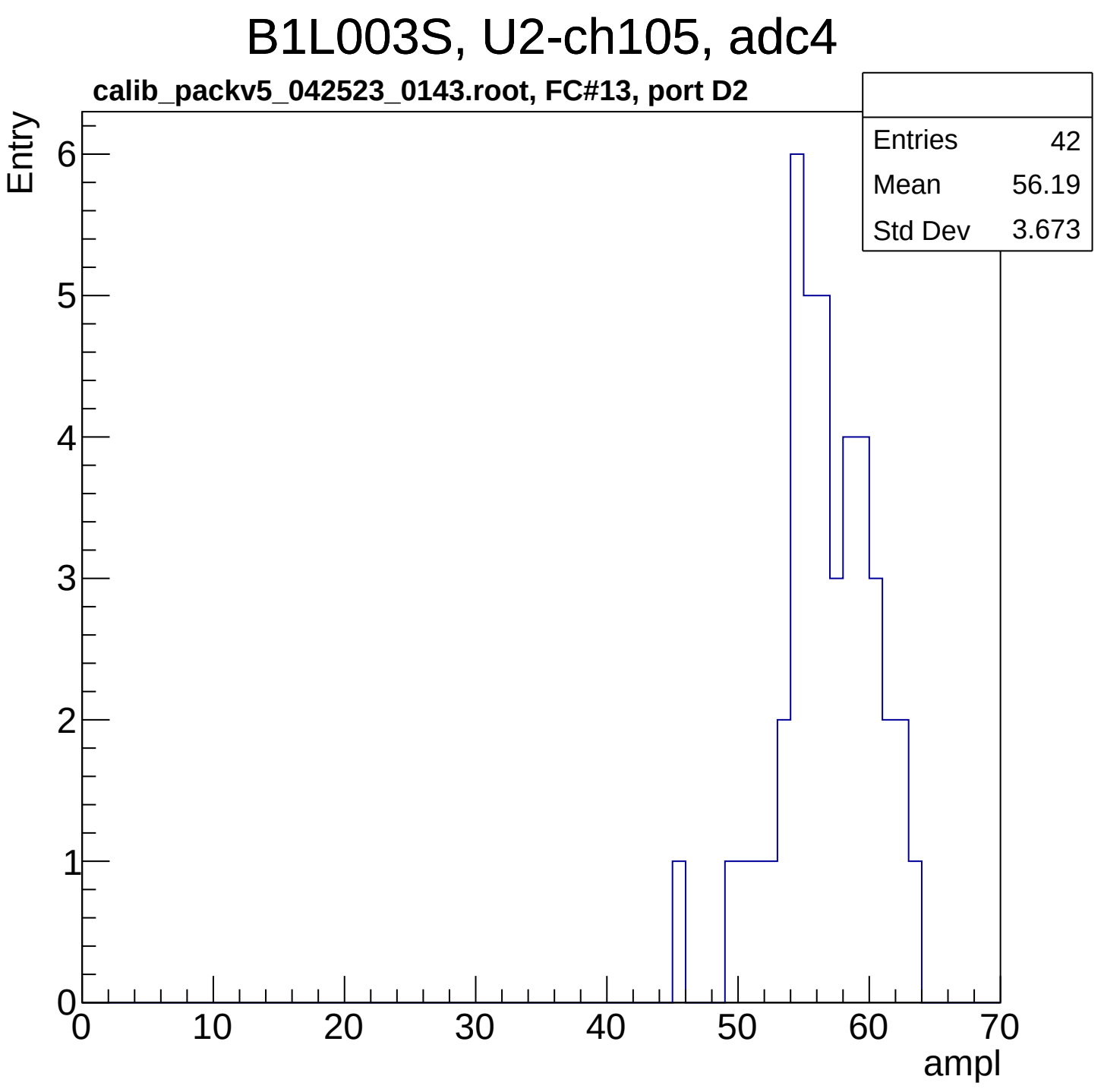
B1L003S, U2-ch105, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 56.19
Std Dev 3.673
Entry
0
1
2
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4
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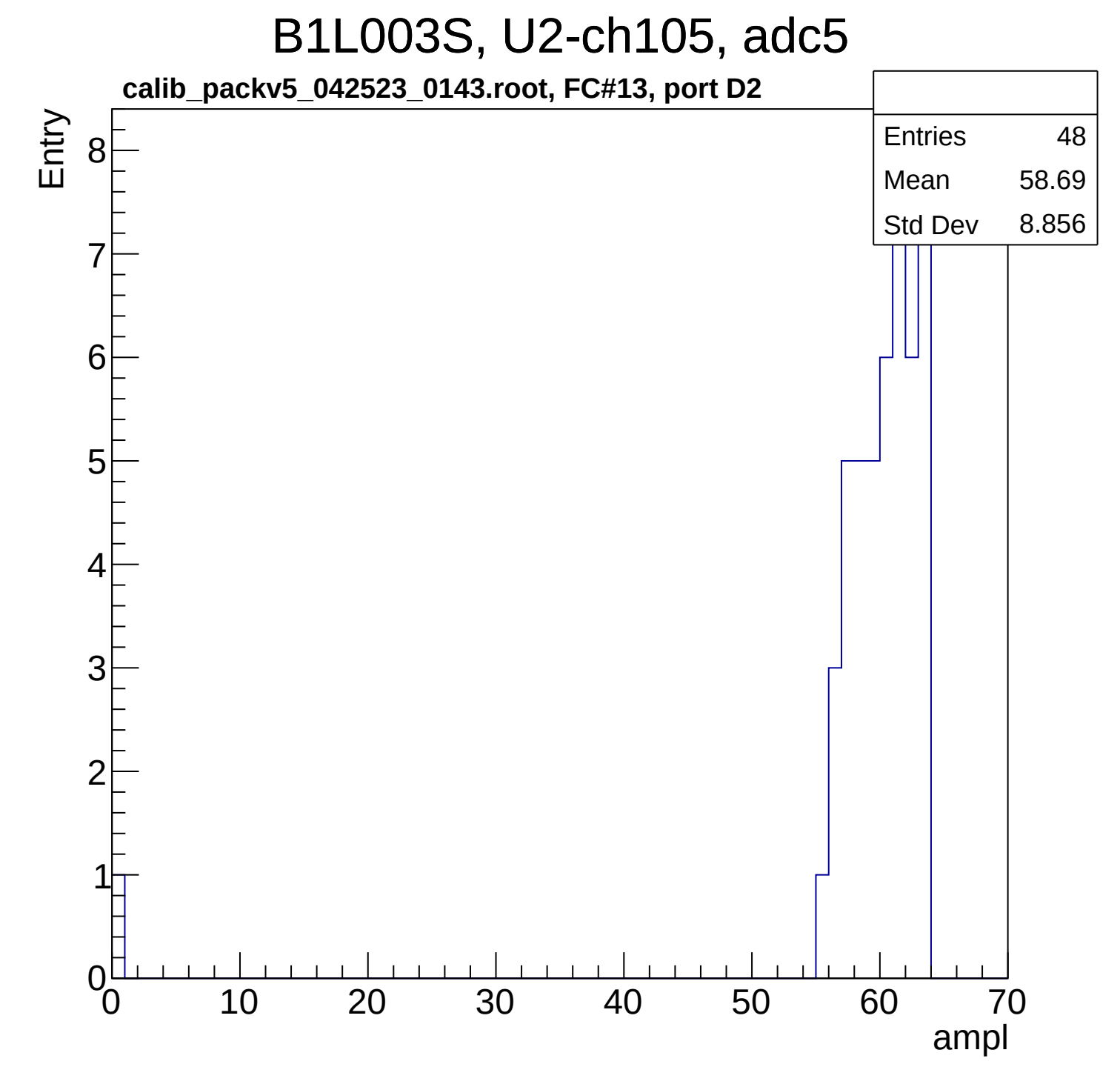
70
ampl


B1L003S, U2-ch105, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 58.69
Std Dev 8.856
Entry
ampl
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4
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7
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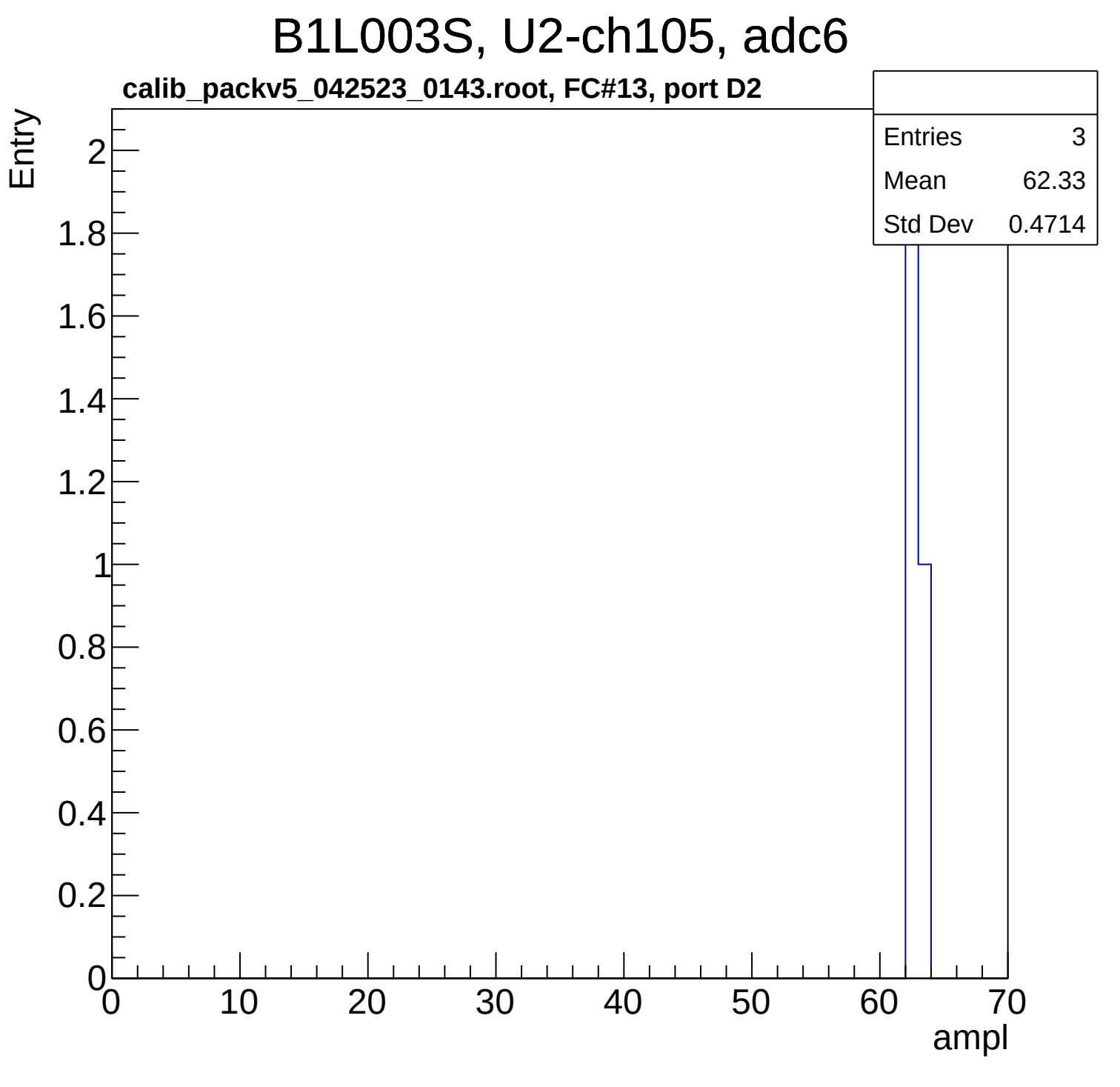
B1L003S, U2-ch105, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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40
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60
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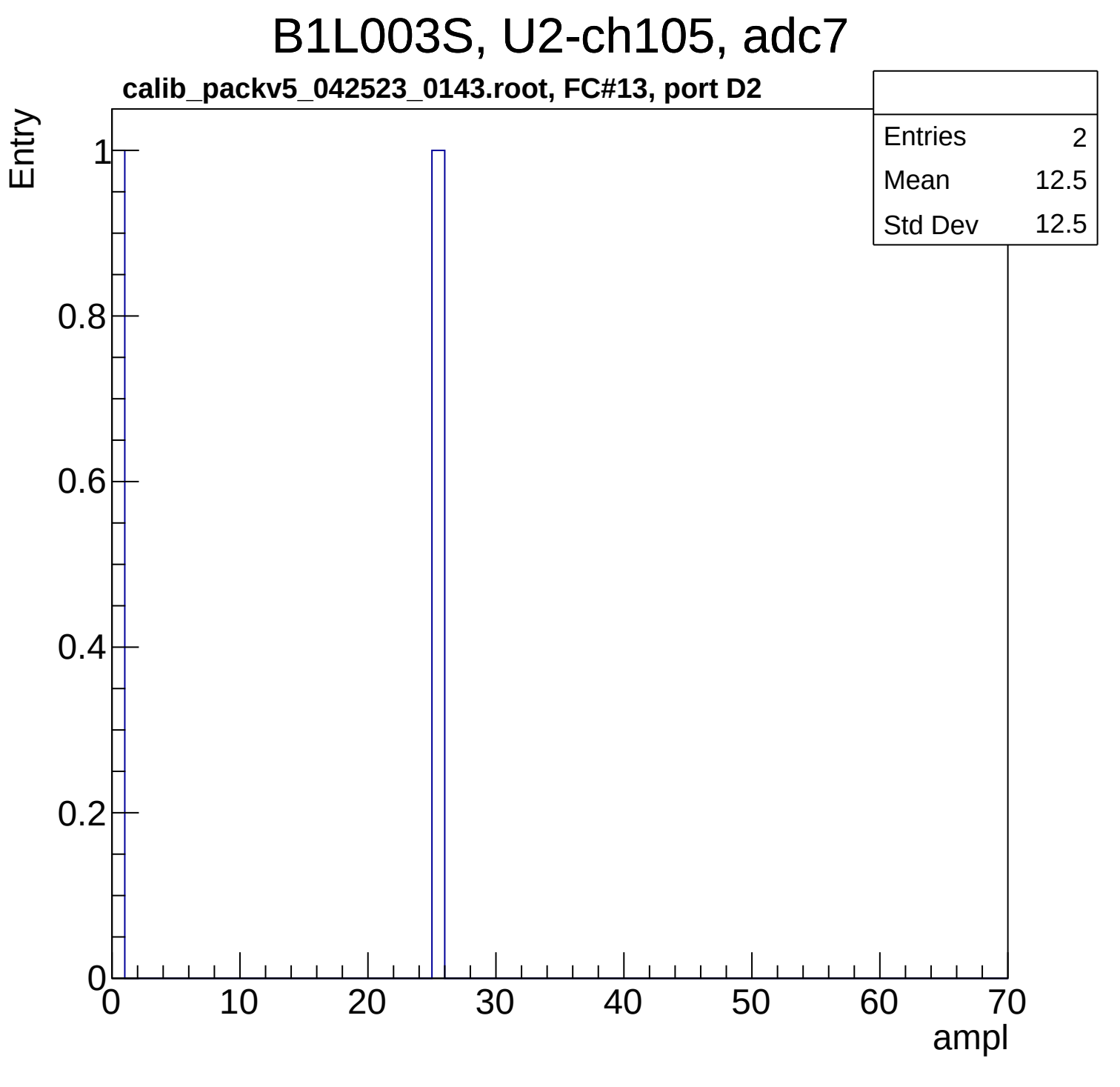
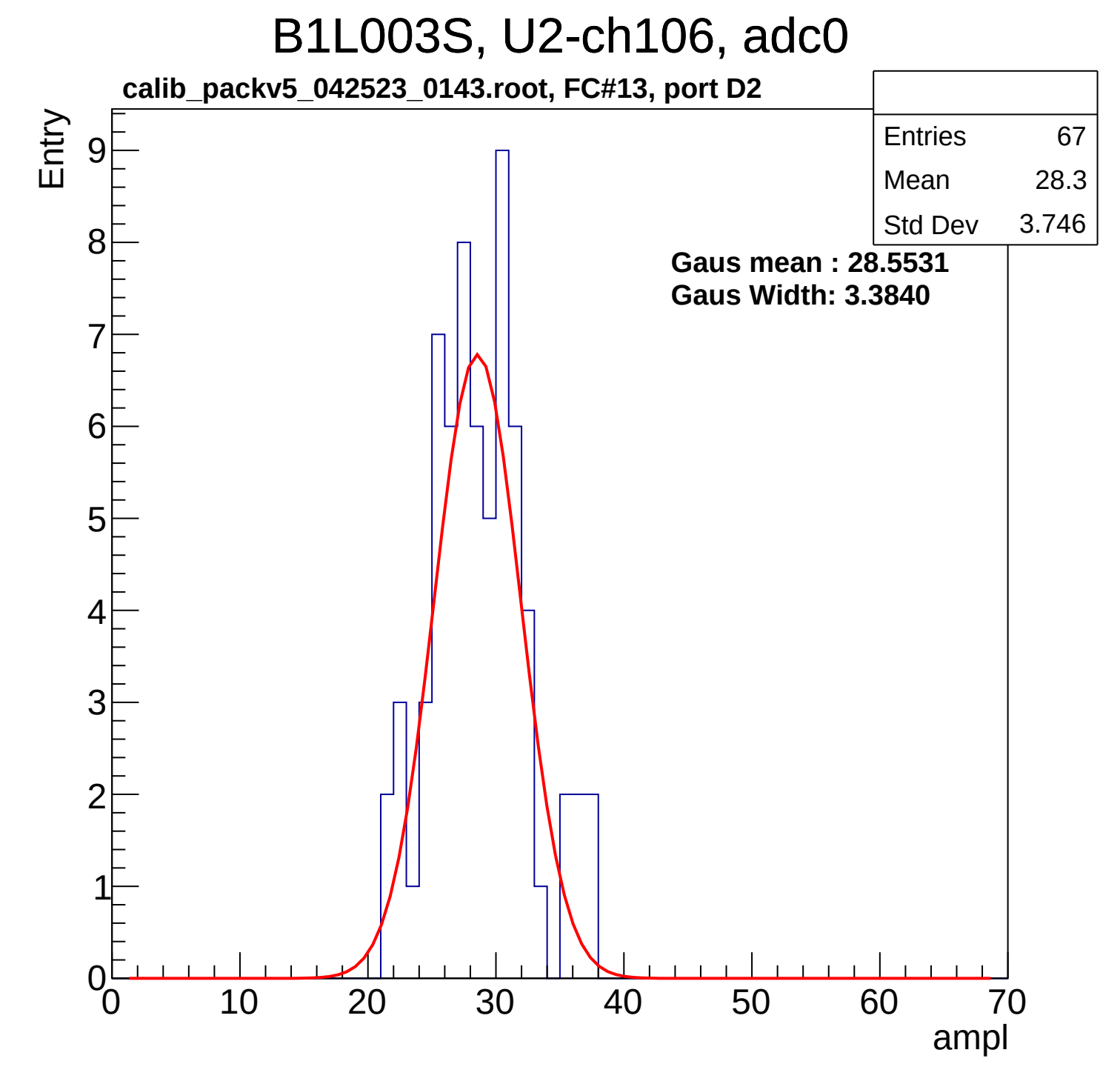

B1L003S, U2-ch105, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12.5
Std Dev 12.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch106, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 28.3
Std Dev 3.746
Gaus mean : 28.5531
Gaus Width: 3.3840
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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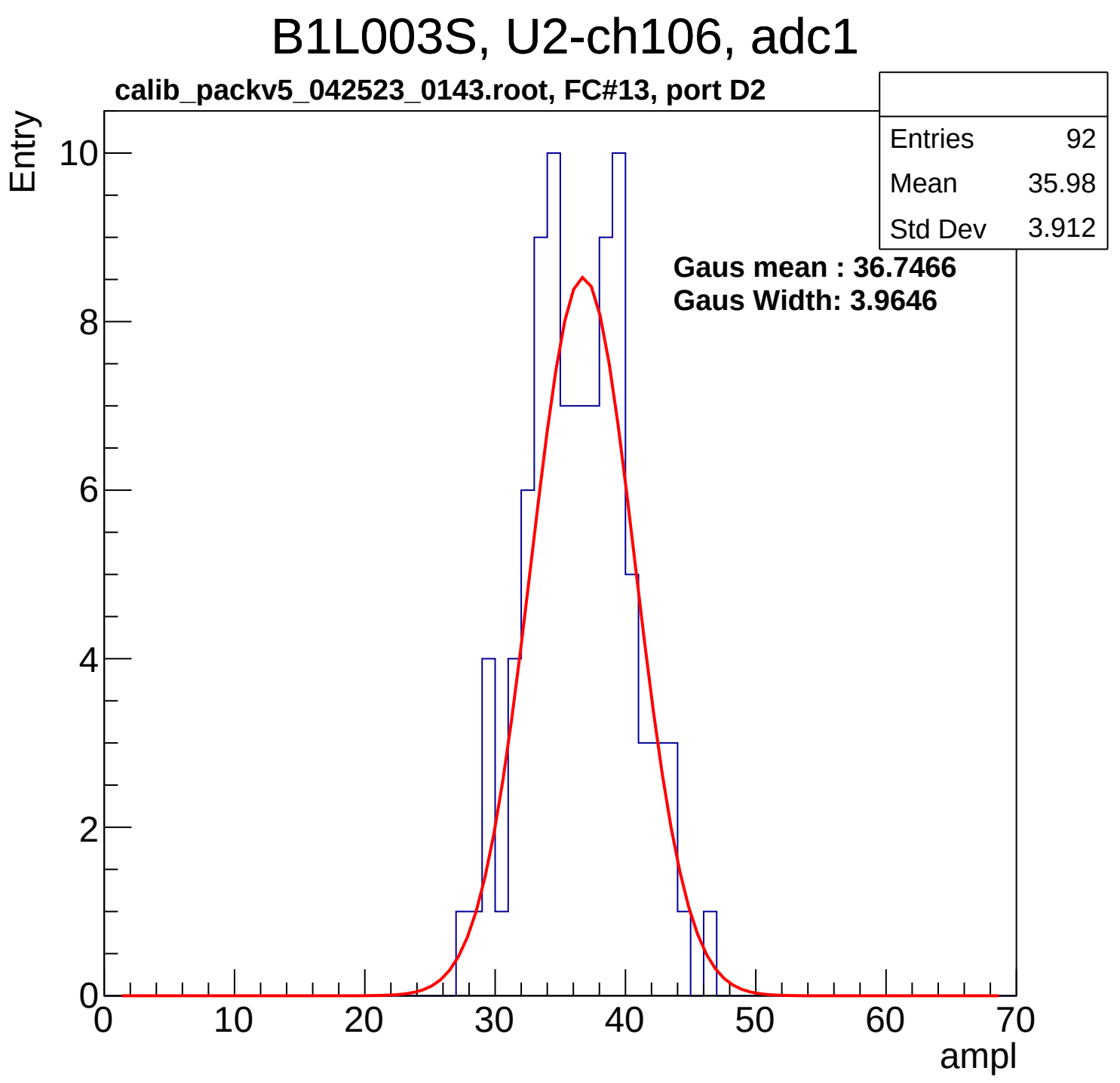
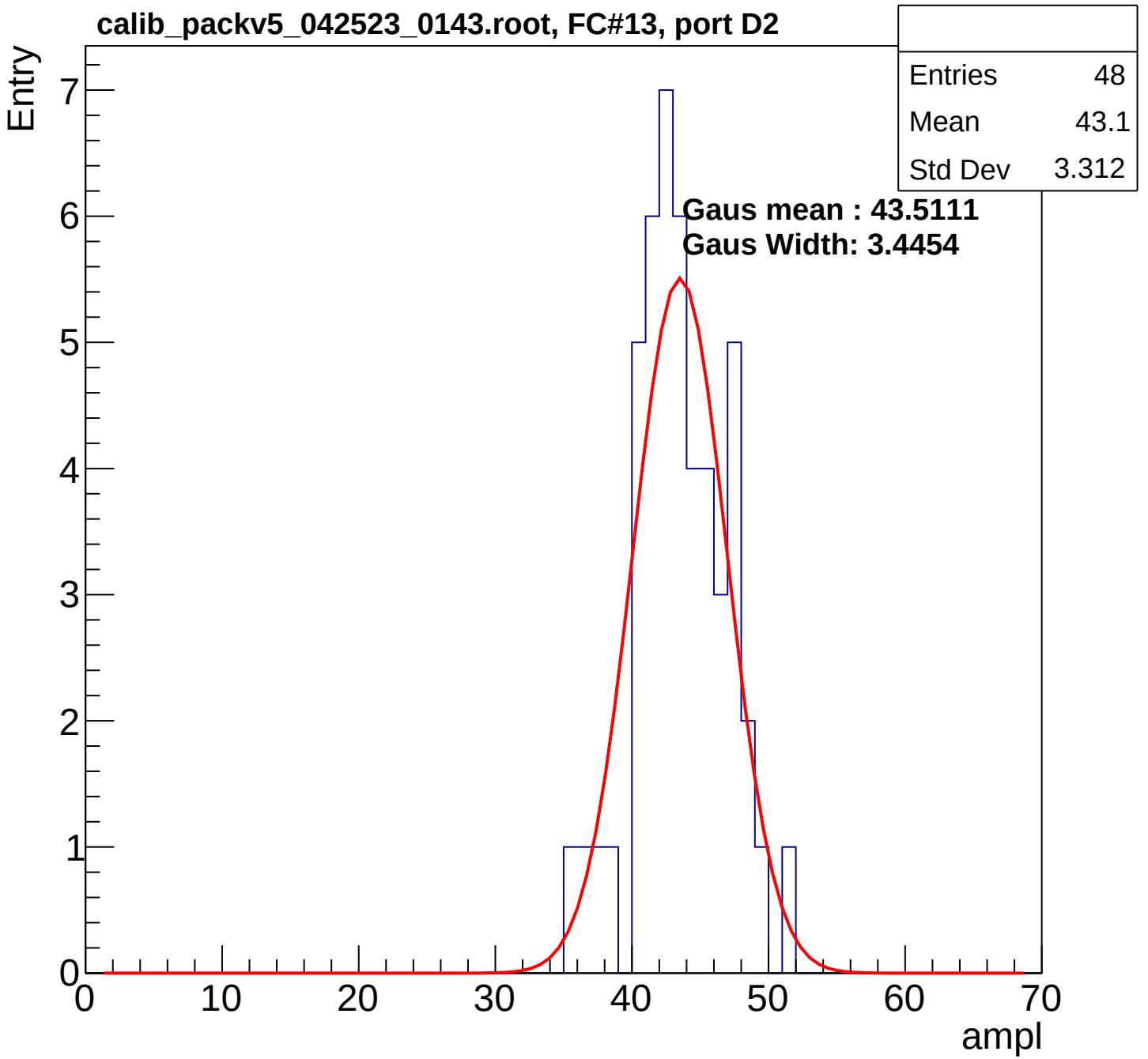
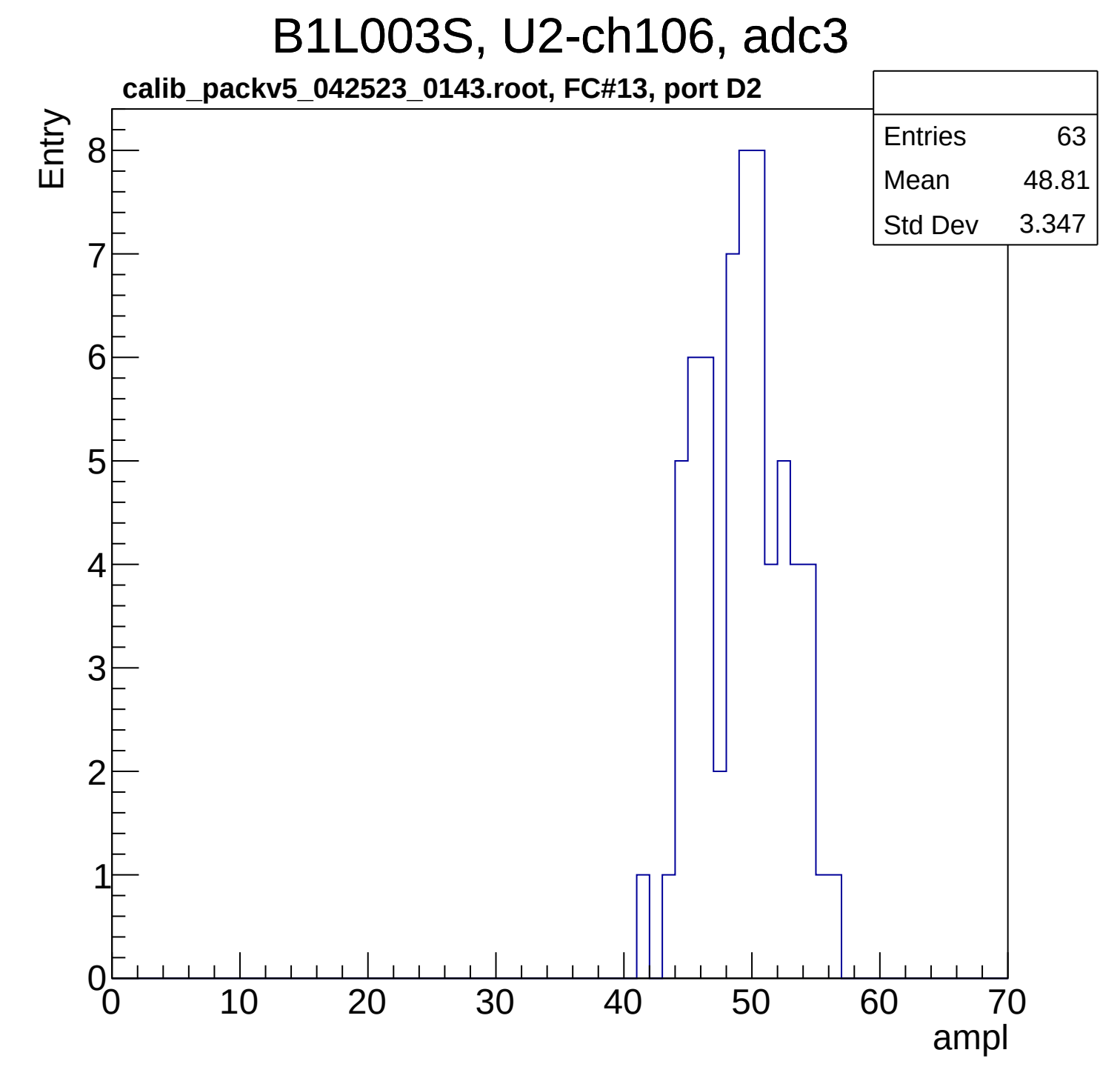
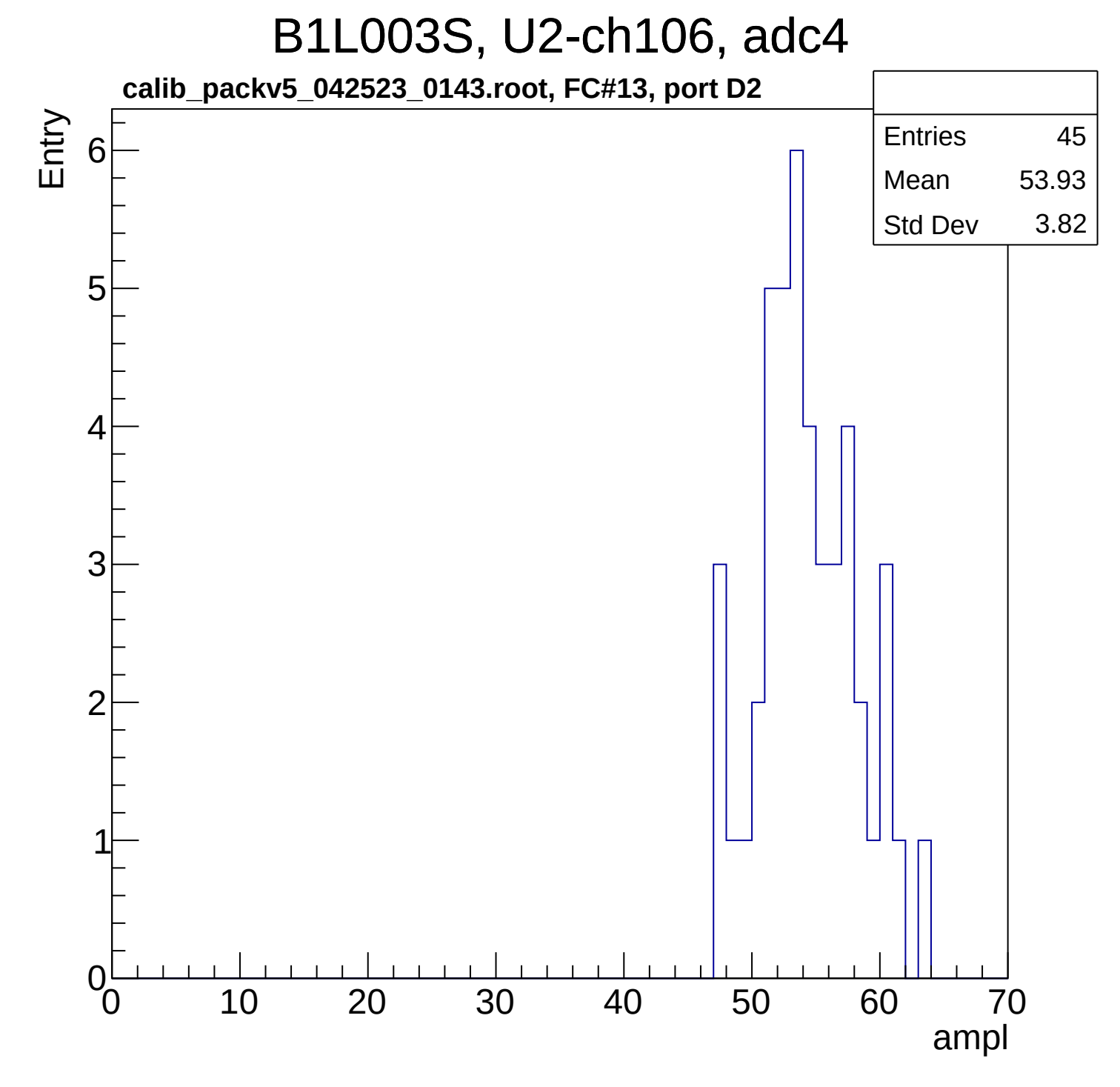
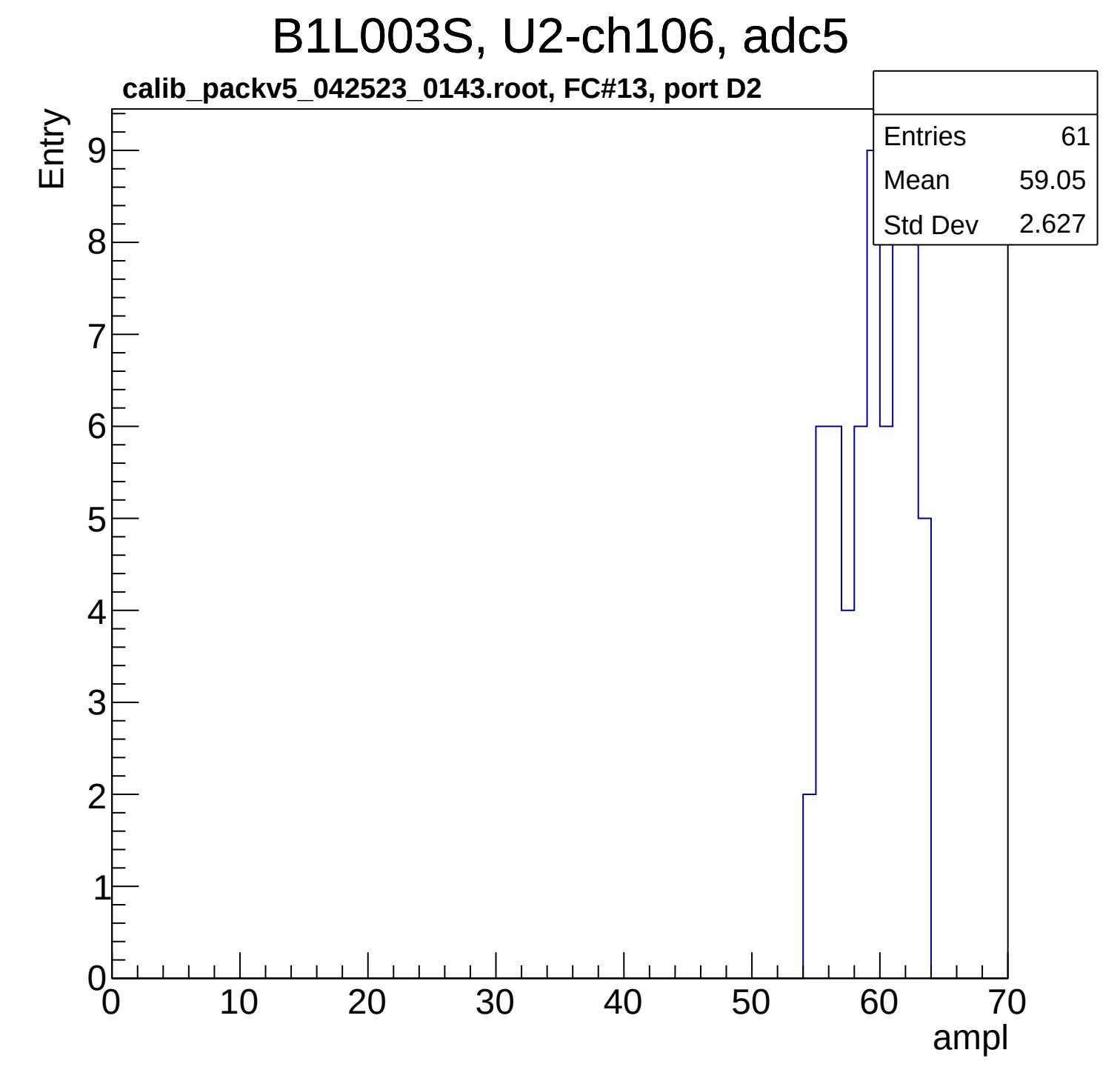
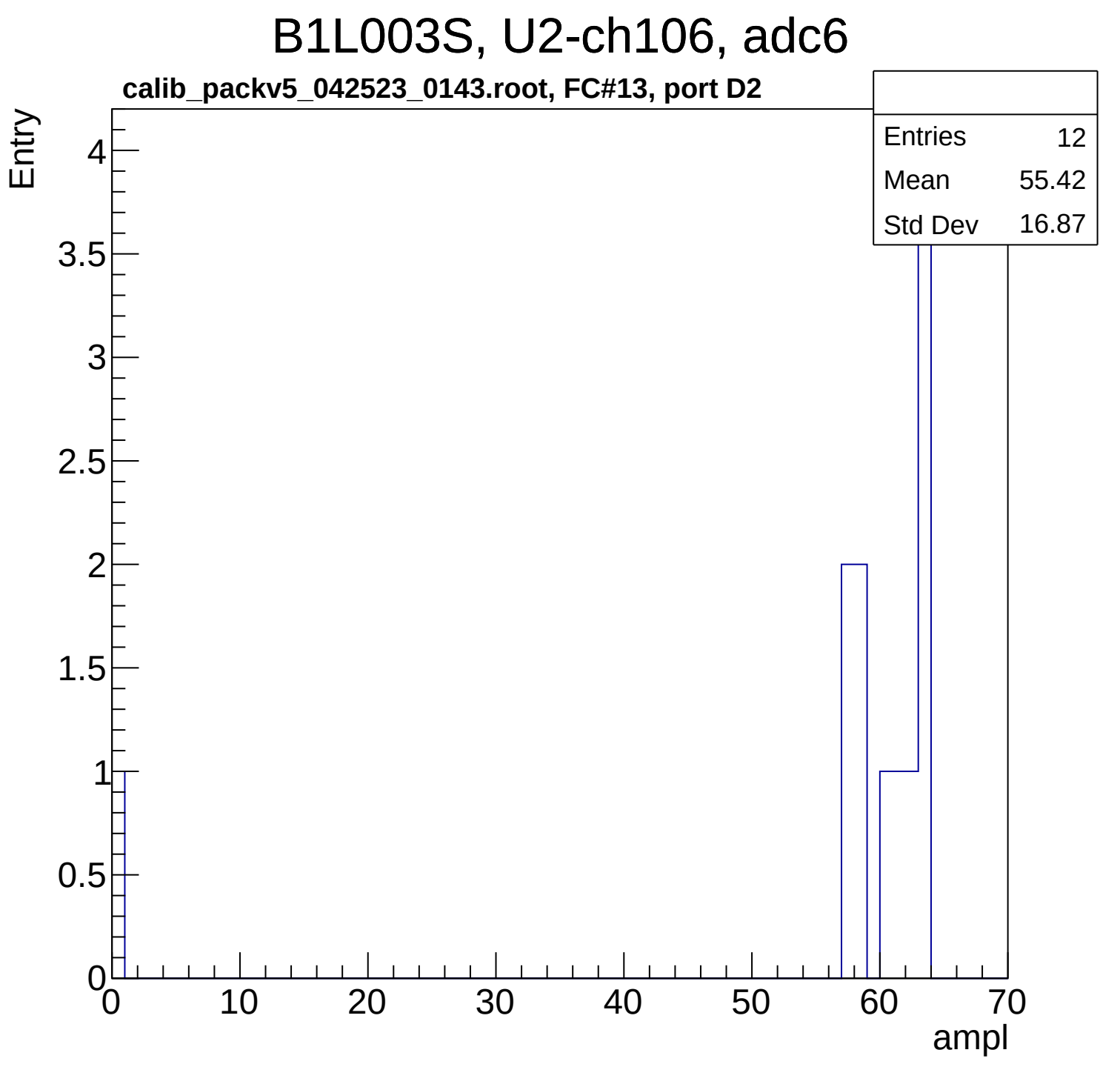

B1L003S, U2-ch106, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 92
Mean 35.98
Std Dev 3.912
Gaus mean : 36.7466
Gaus Width: 3.9646
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

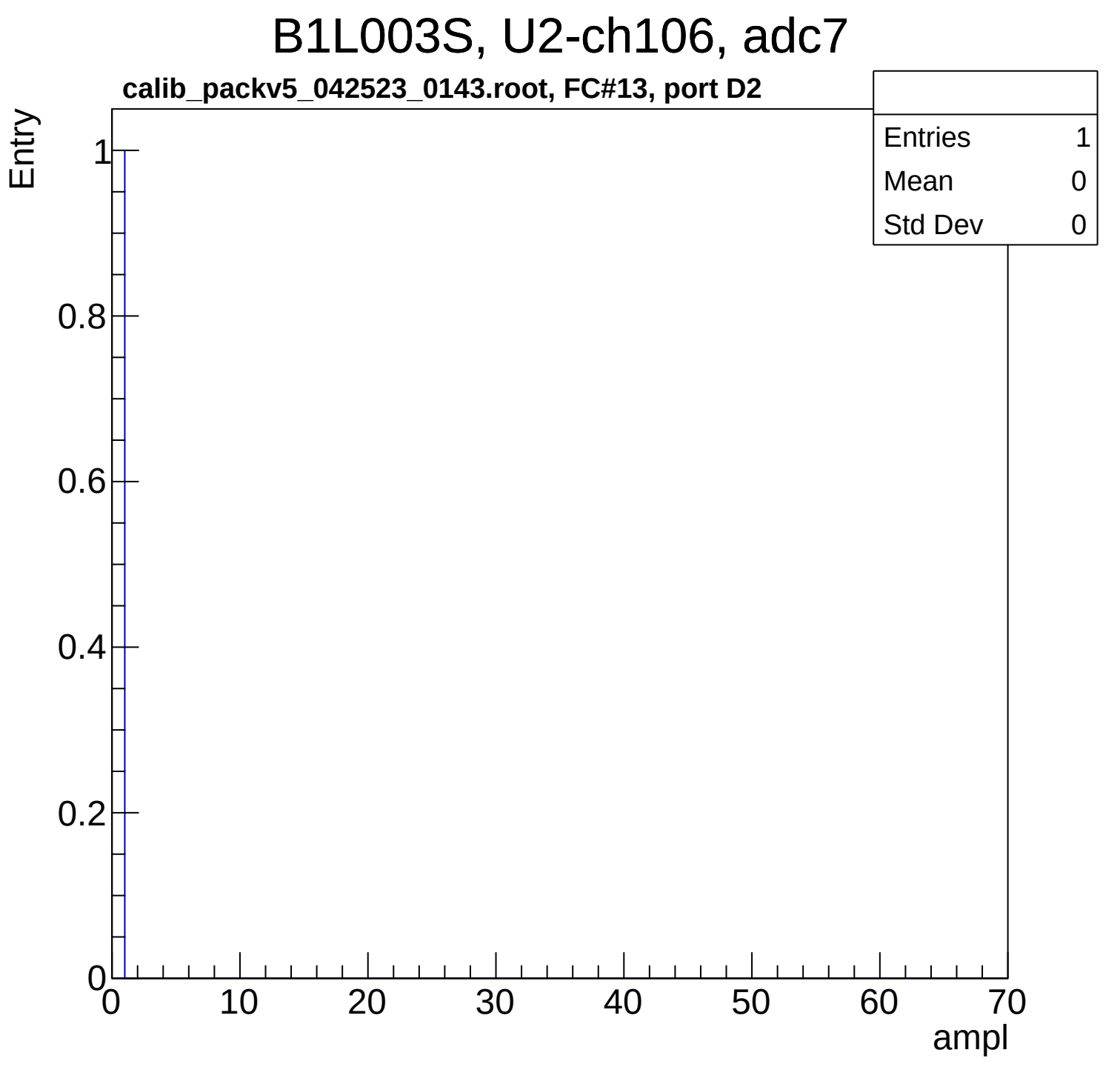

B1L003S, U2-ch106, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 43.1
Std Dev 3.312
Gaus mean : 43.5111
Gaus Width: 3.4454
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

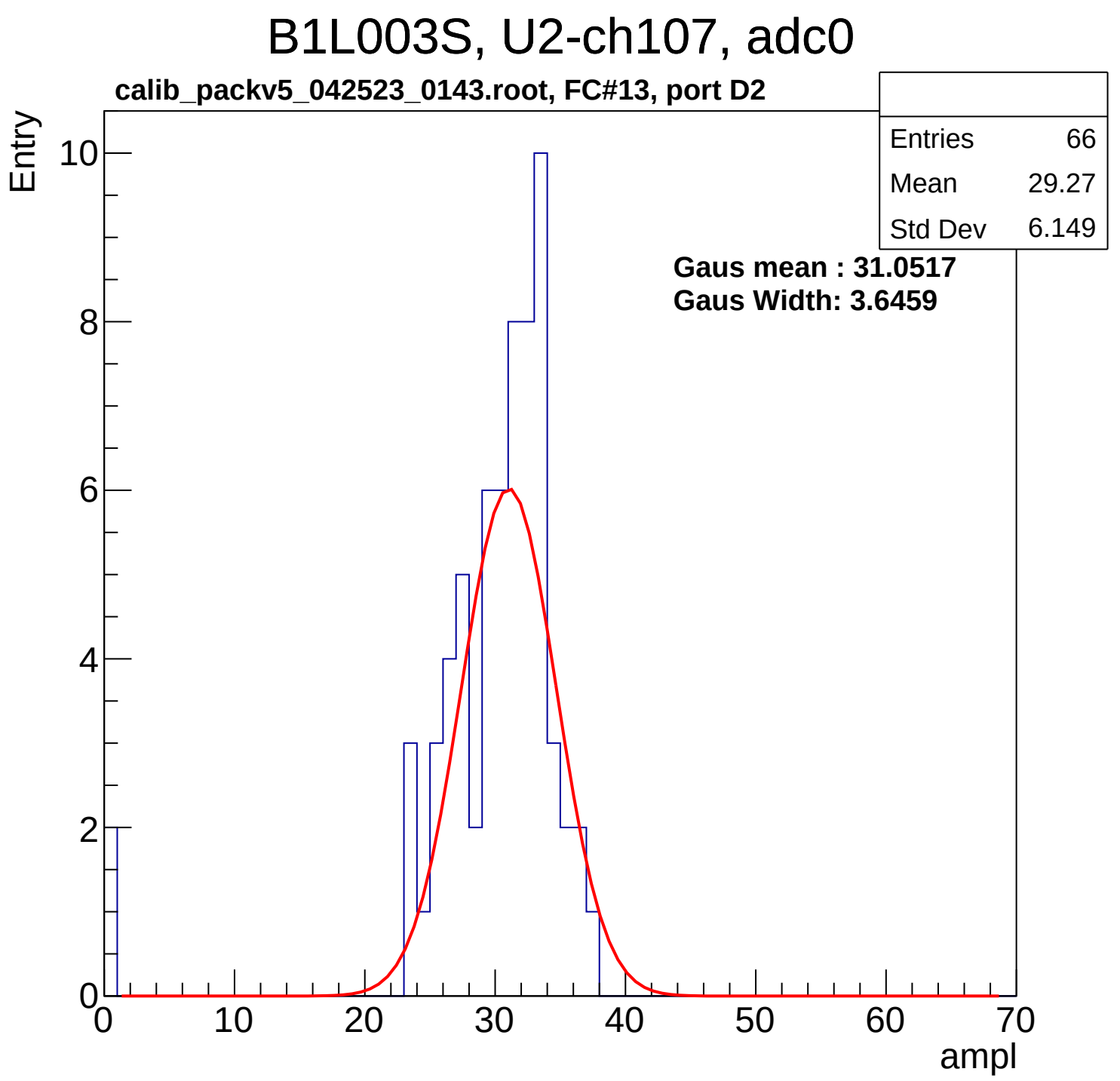

B1L003S, U2-ch106, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 48.81
Std Dev 3.347
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

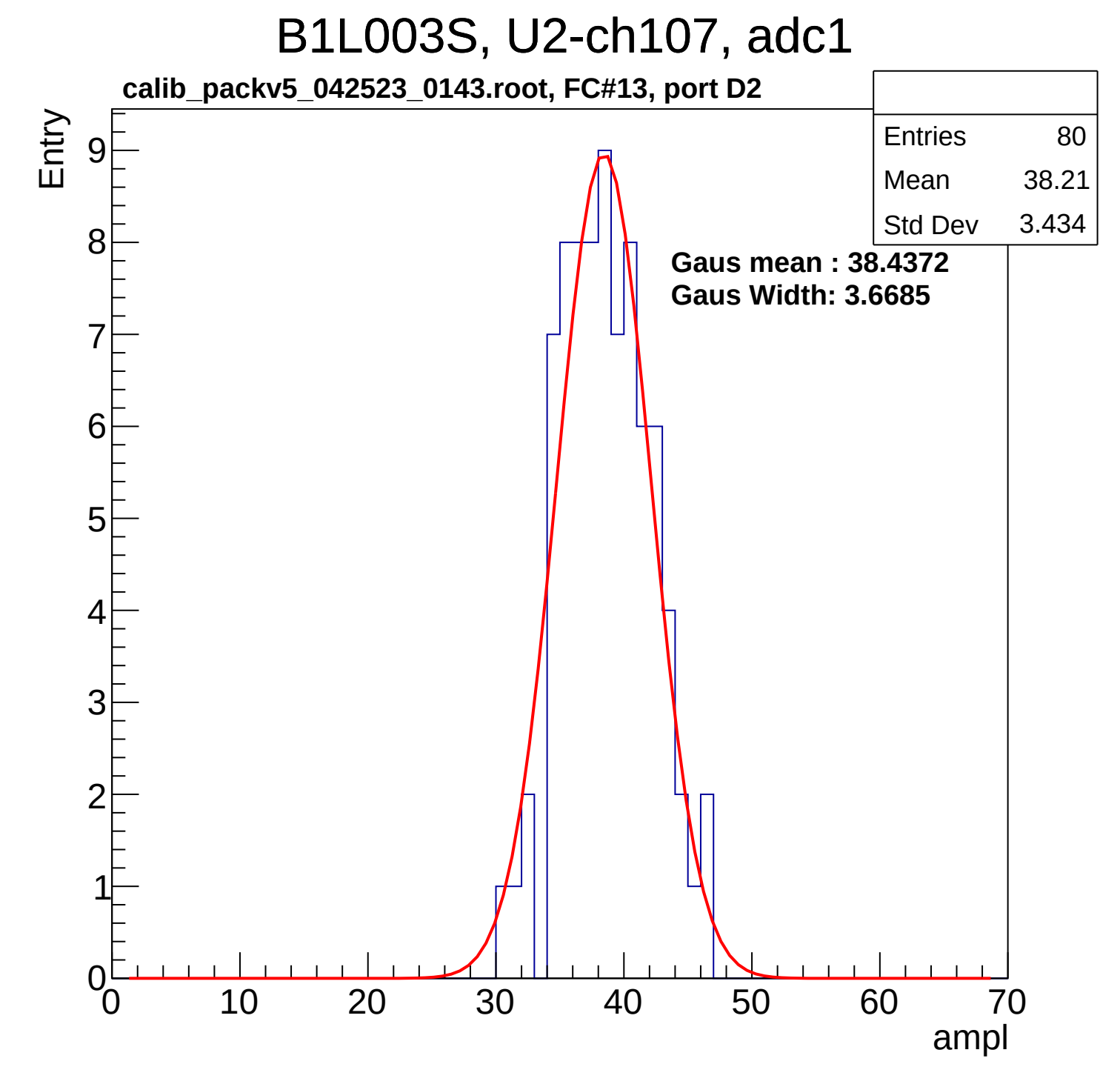

B1L003S, U2-ch106, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 53.93
Std Dev 3.82
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch106, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 59.05
Std Dev 2.627
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch106, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 55.42
Std Dev 16.87
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U2-ch106, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch107, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 29.27
Std Dev 6.149
Gaus mean : 31.0517
Gaus Width: 3.6459
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch107, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 38.21
Std Dev 3.434
Gaus mean : 38.4372
Gaus Width: 3.6685
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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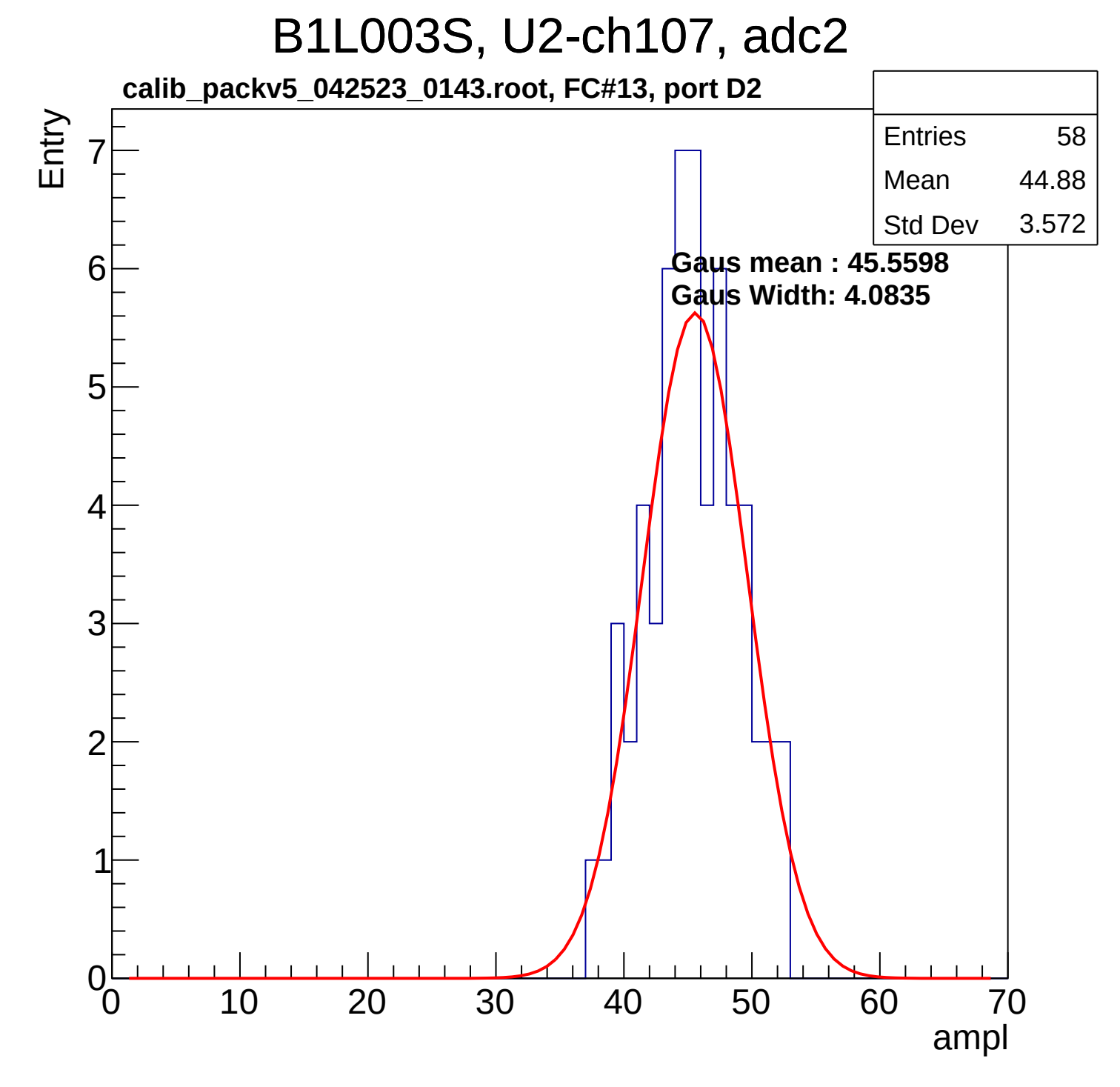
B1L003S, U2-ch107, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 44.88
Std Dev 3.572
Gaus mean : 45.5598
Gaus Width: 4.0835
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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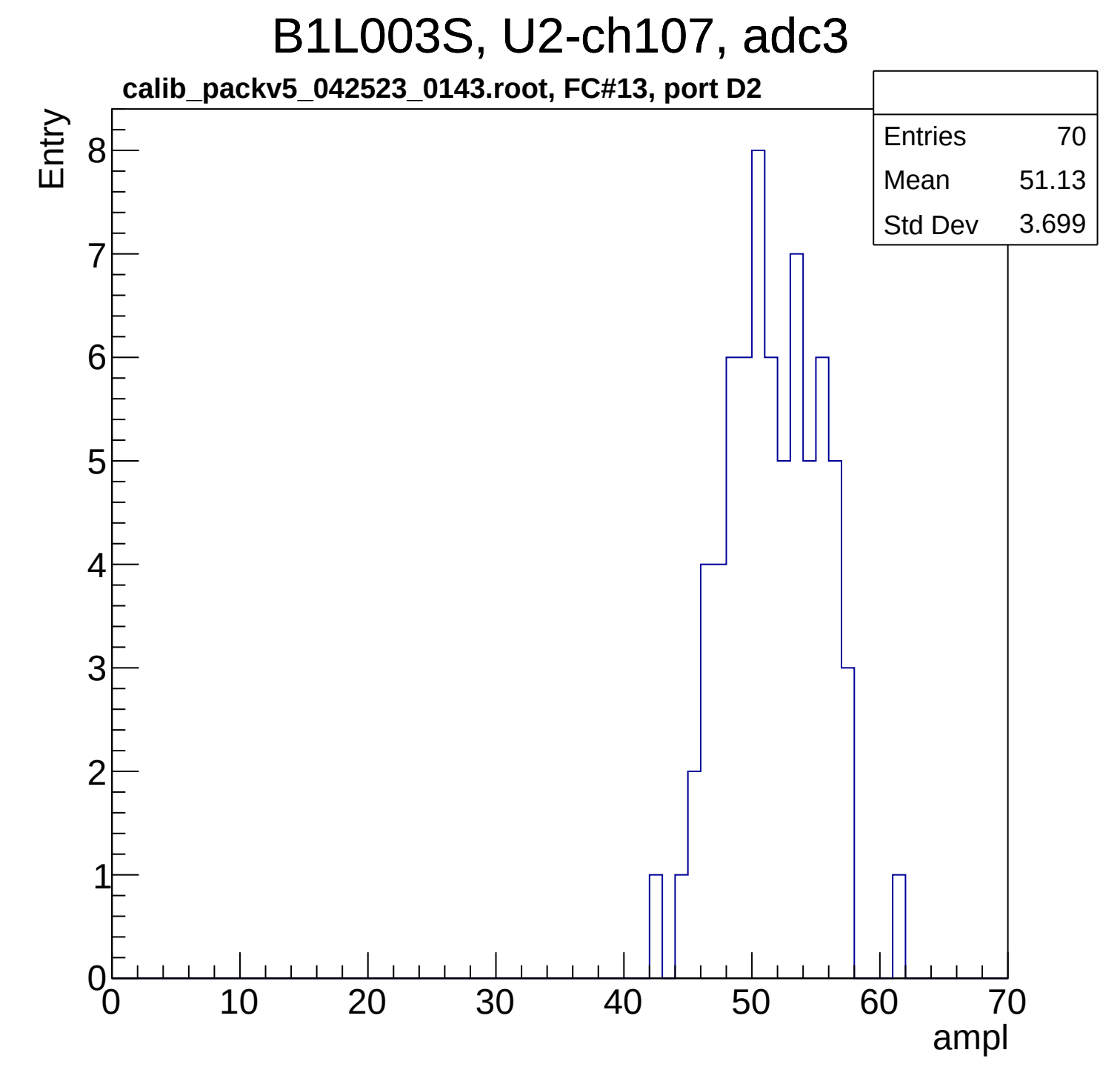
B1L003S, U2-ch107, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 51.13
Std Dev 3.699
Entry
ampl
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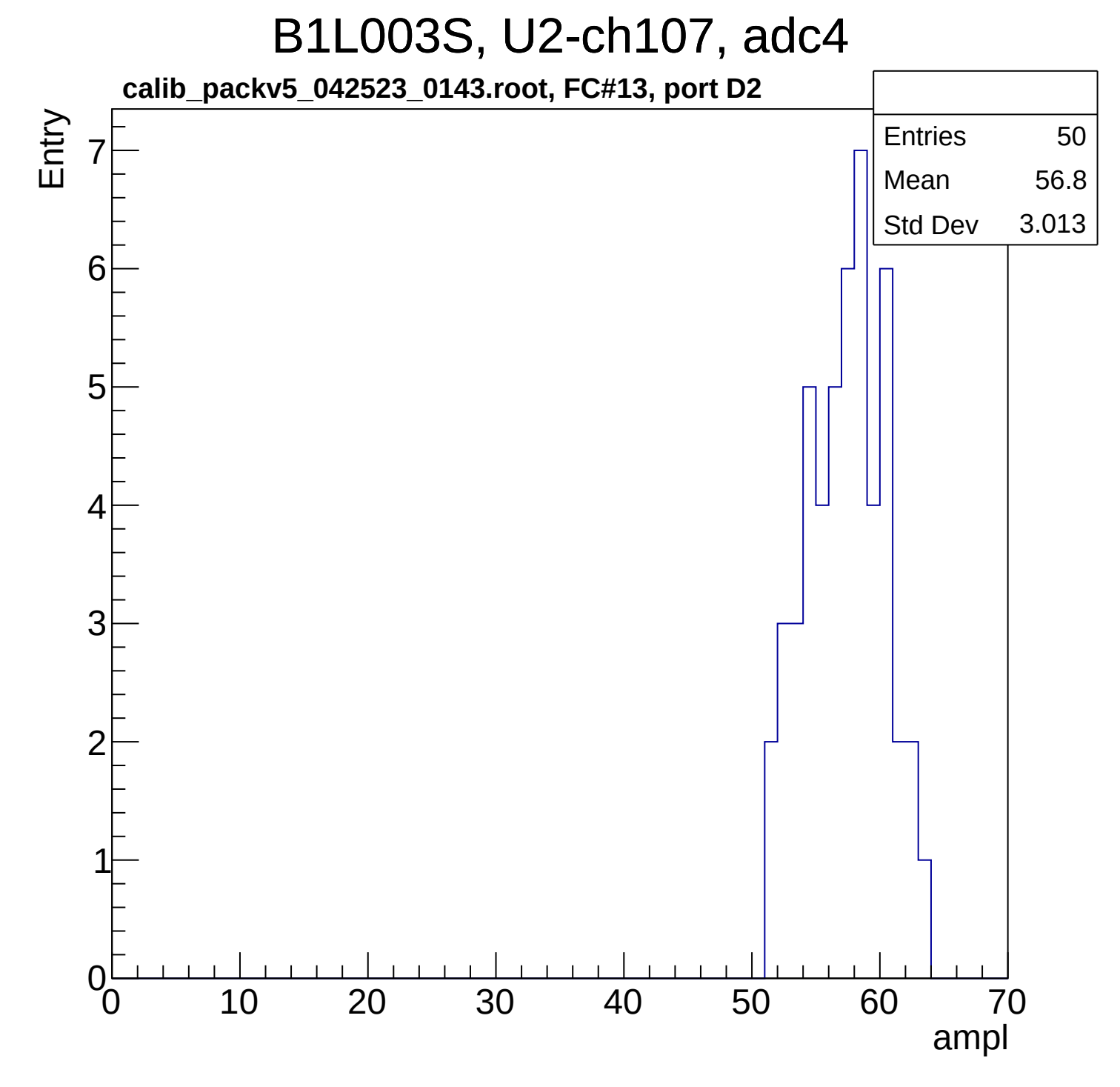
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch107, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 56.8
Std Dev 3.013
Entry
ampl
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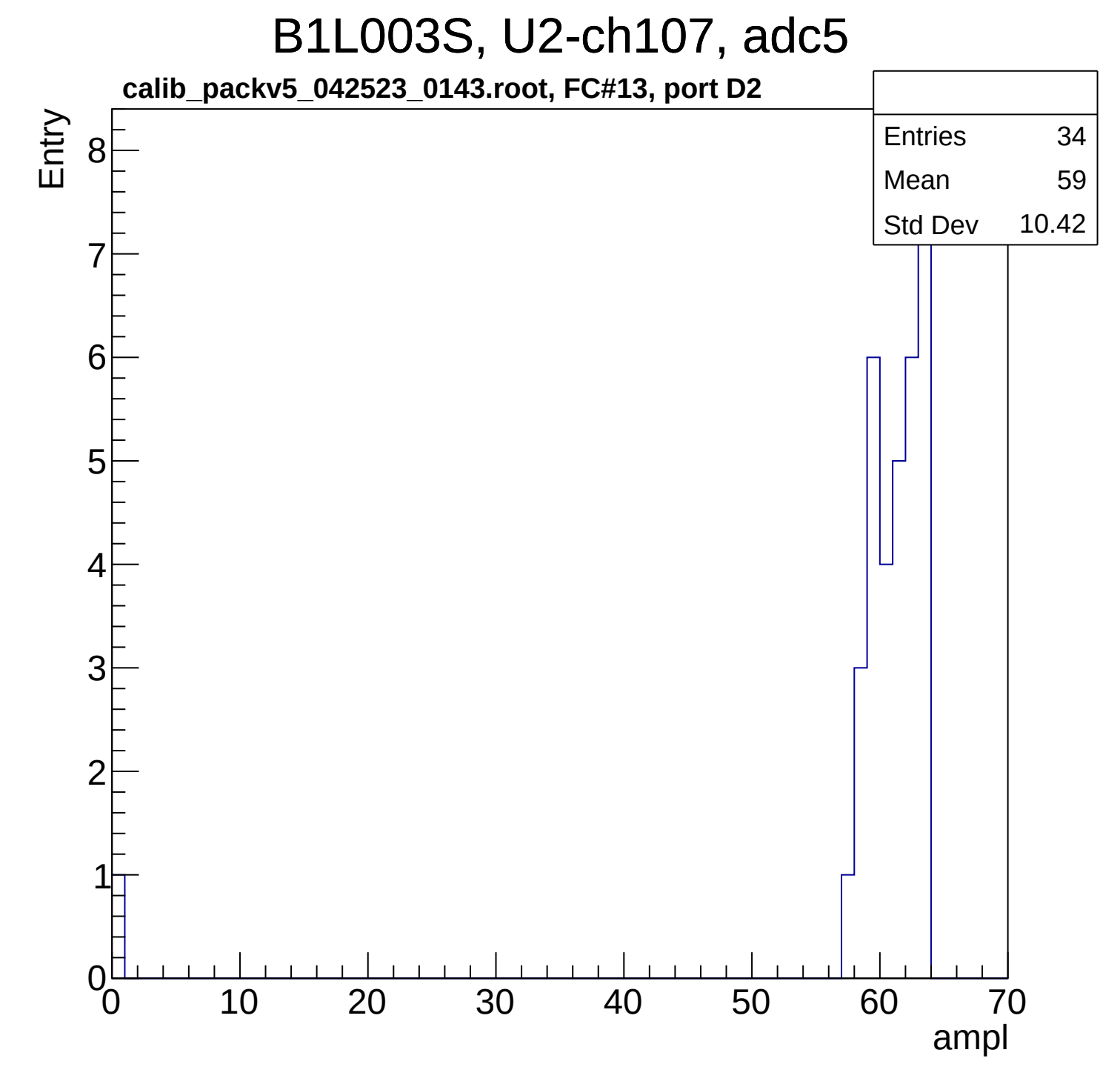
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U2-ch107, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 34
Mean 59
Std Dev 10.42
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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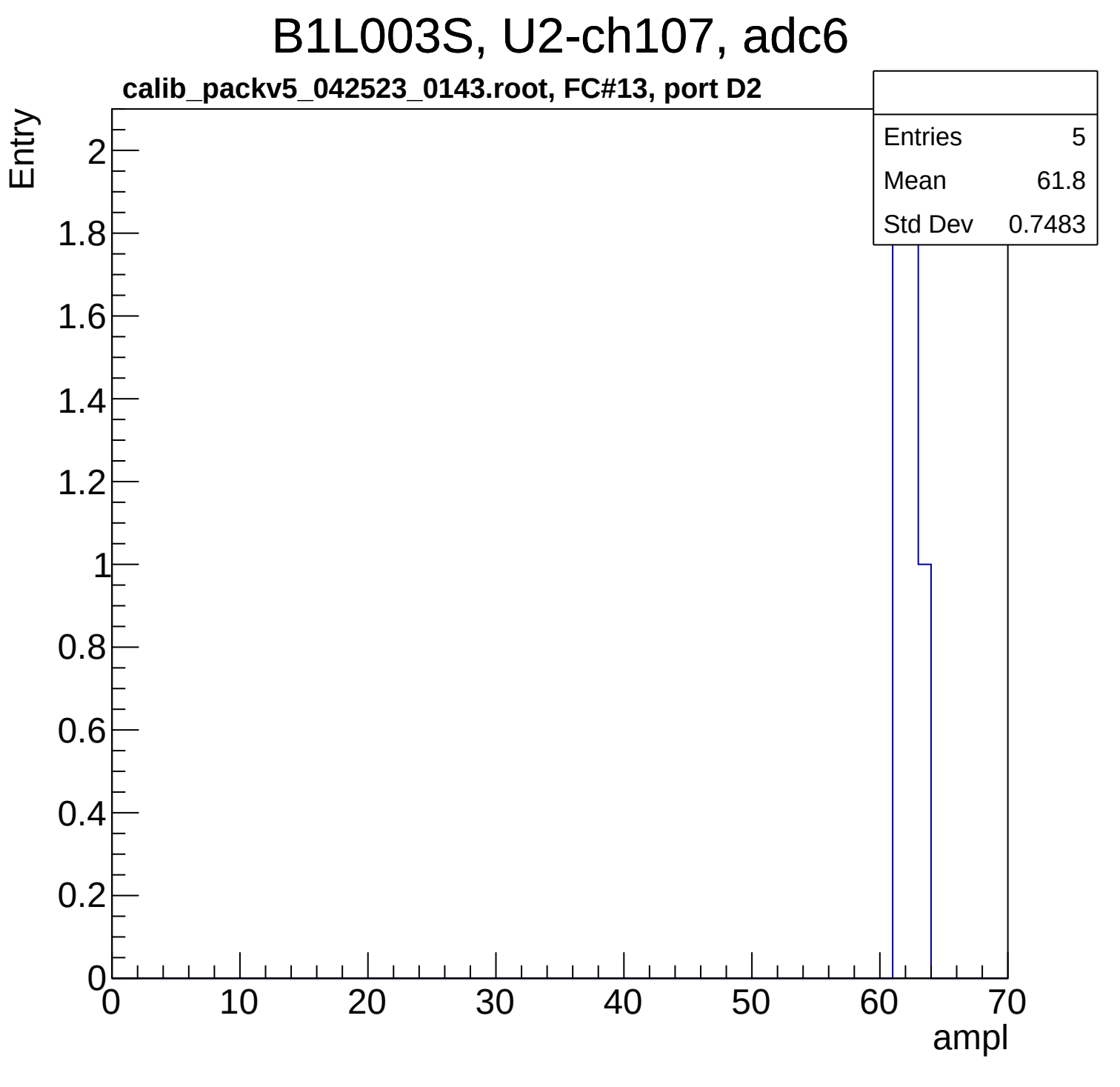
60
70


B1L003S, U2-ch107, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.8
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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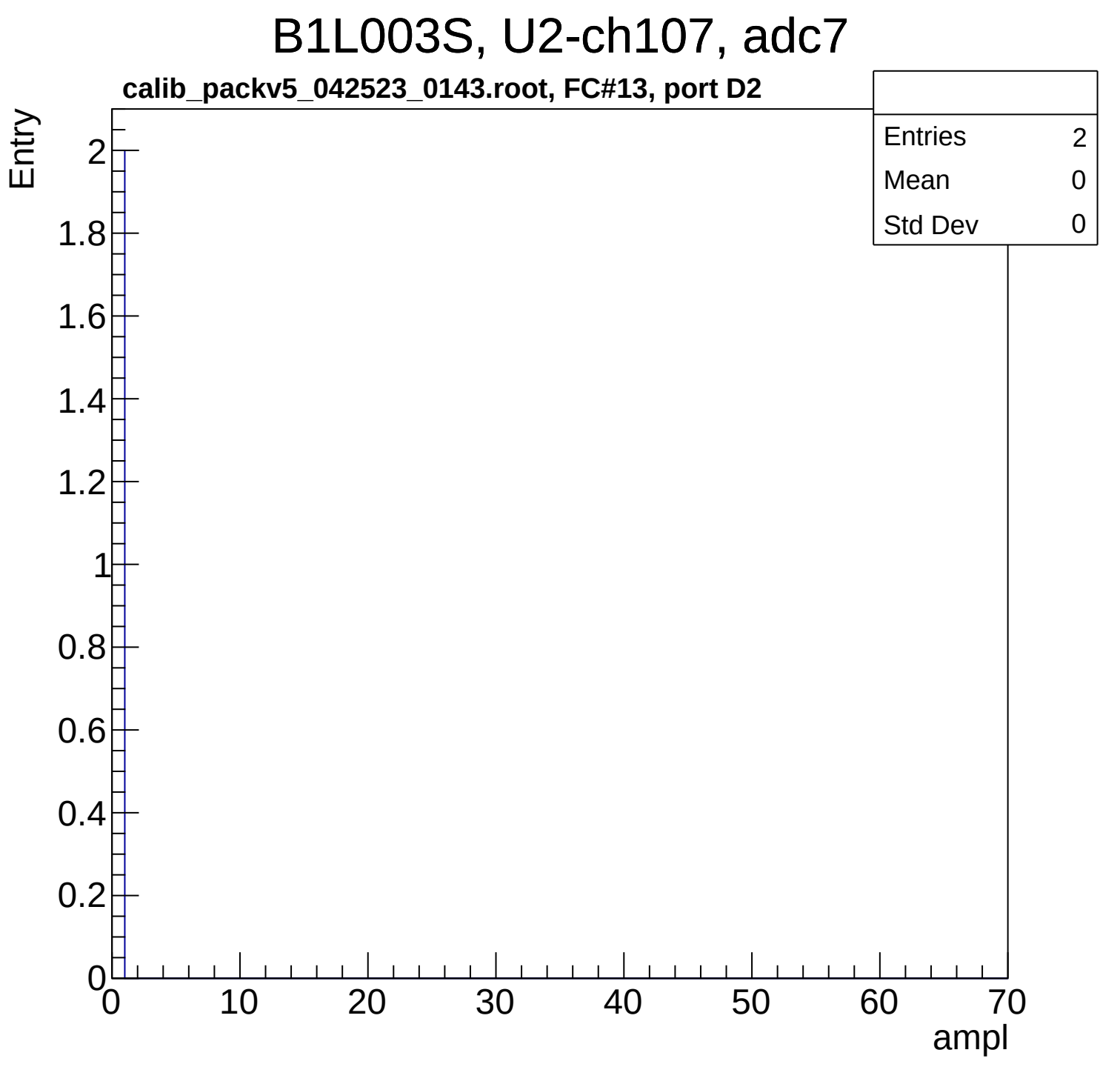
B1L003S, U2-ch107, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
10
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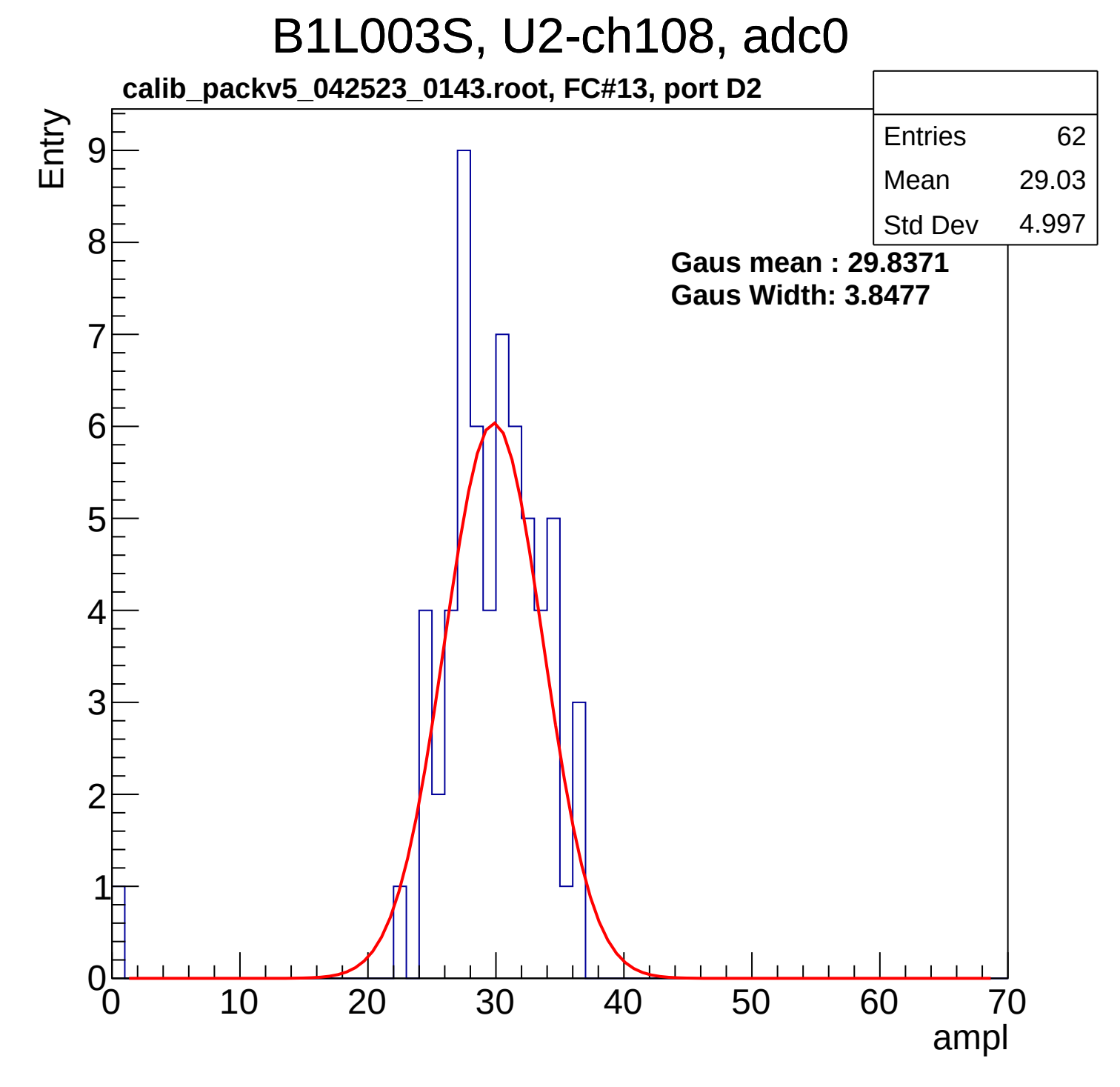
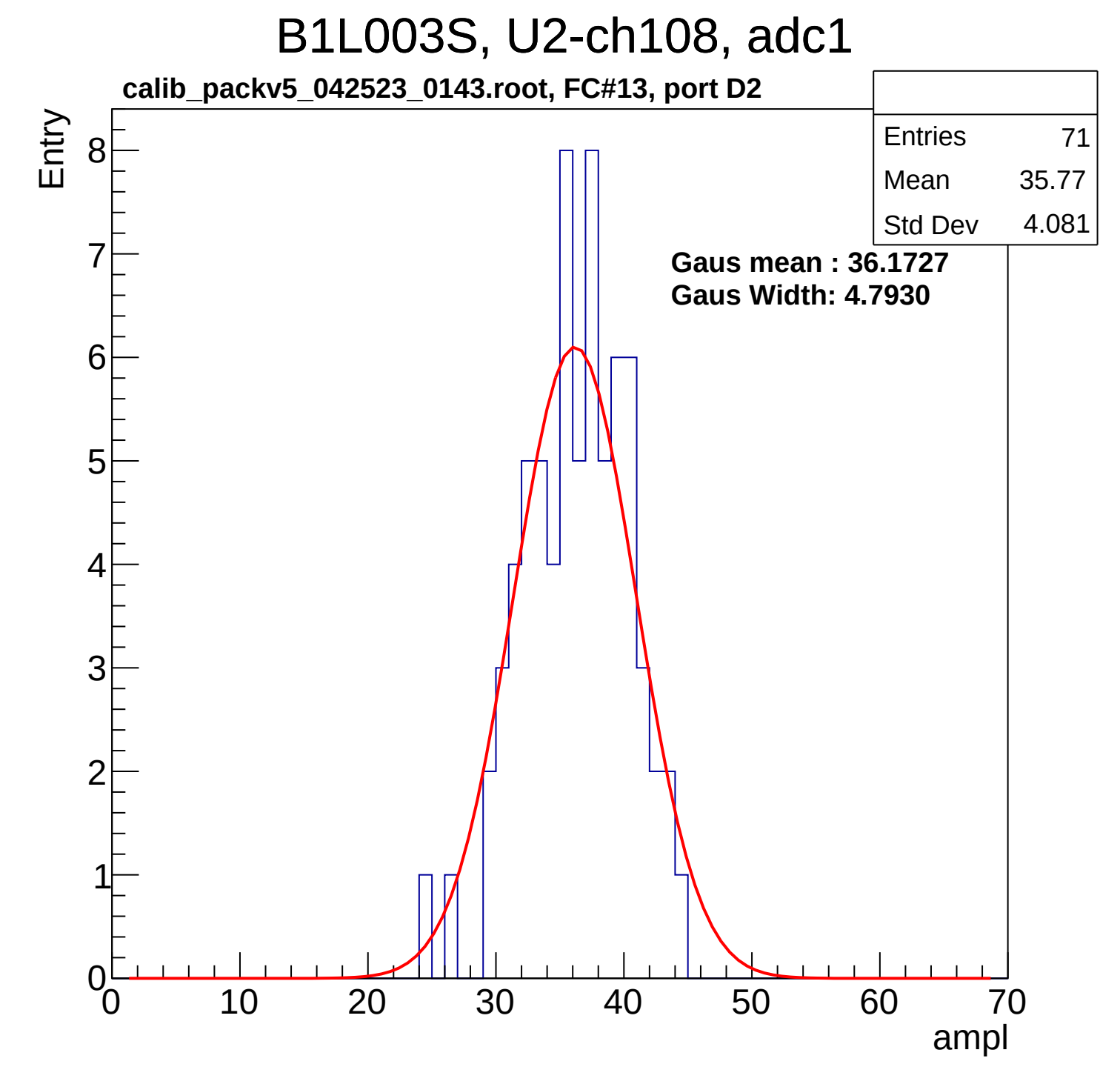
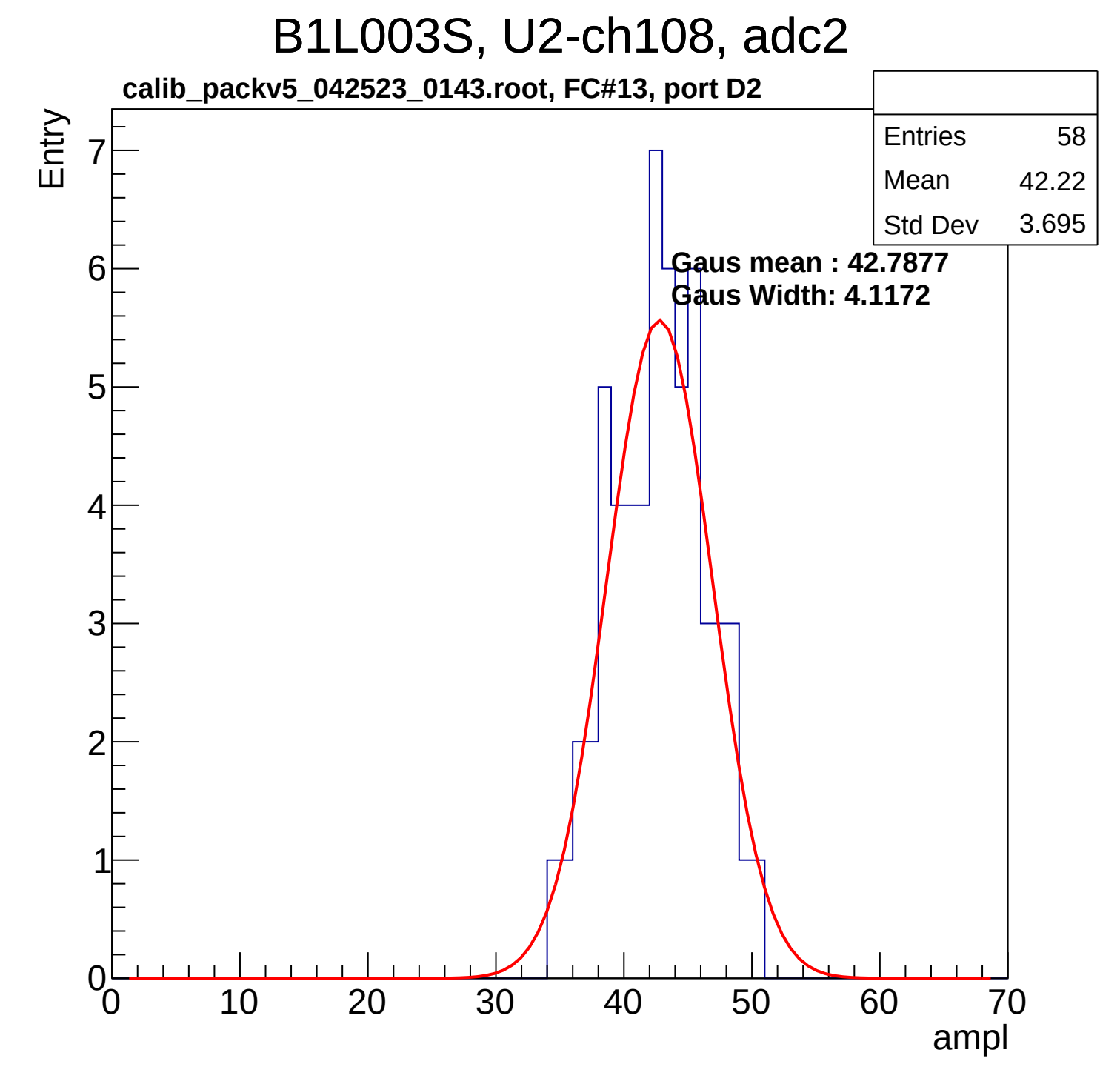

B1L003S, U2-ch108, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 29.03
Std Dev 4.997
Gaus mean : 29.8371
Gaus Width: 3.8477
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch108, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 35.77
Std Dev 4.081
Gaus mean : 36.1727
Gaus Width: 4.7930
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch108, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 42.22
Std Dev 3.695
Gaus mean : 42.7877
Gaus Width: 4.1172
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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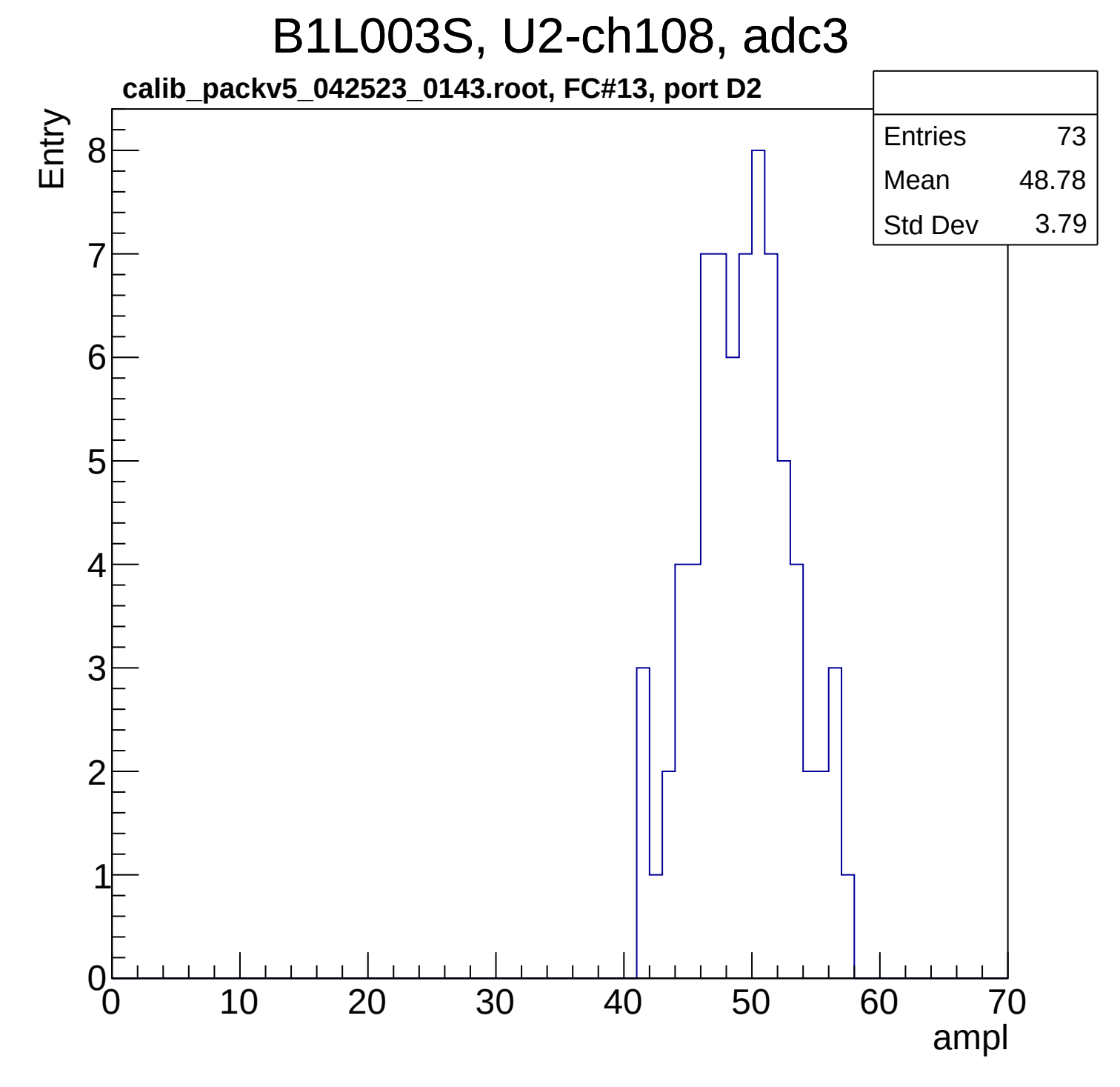
B1L003S, U2-ch108, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 48.78
Std Dev 3.79
Entry
ampl
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3
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5
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0
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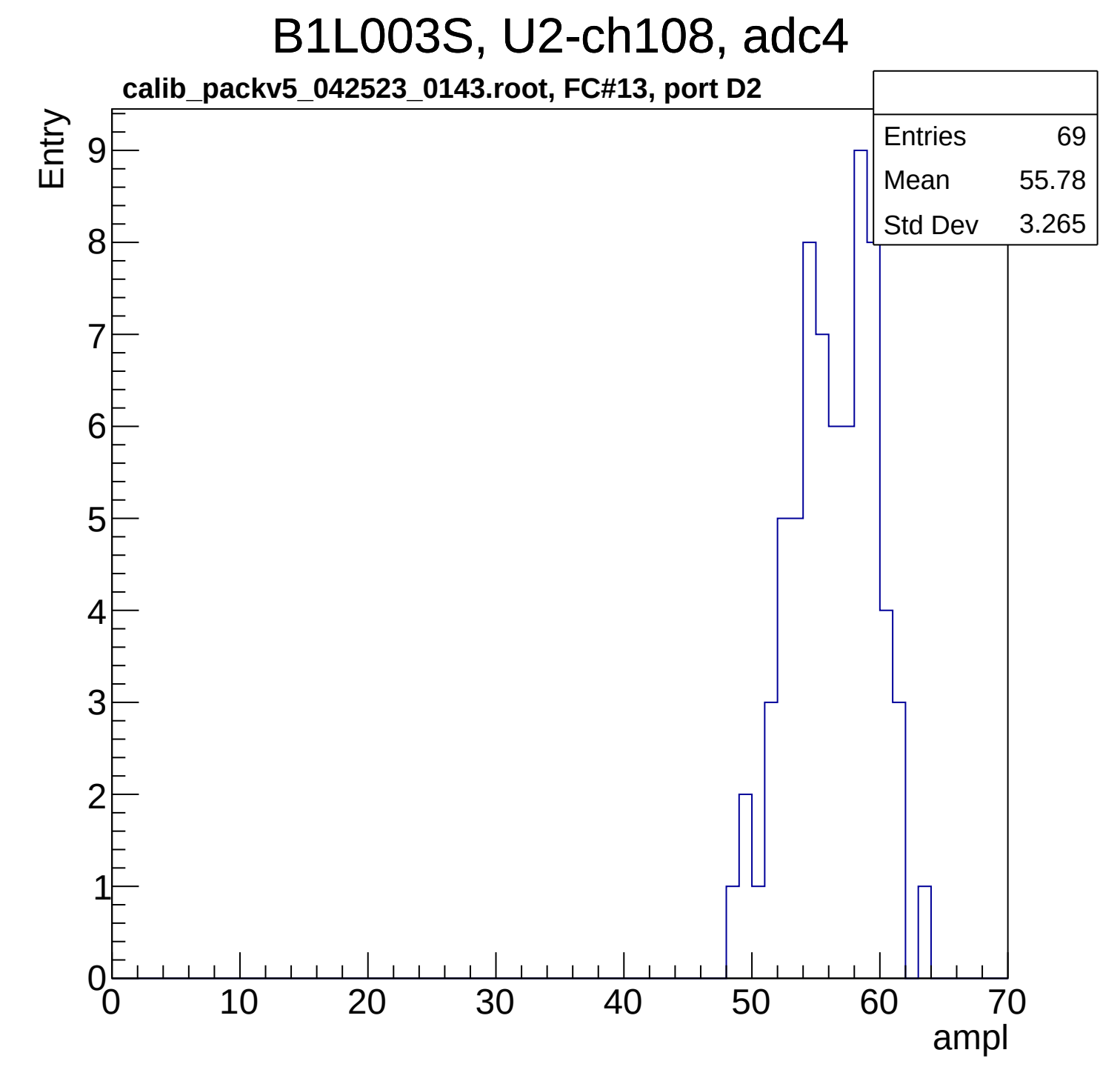
B1L003S, U2-ch108, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 55.78
Std Dev 3.265
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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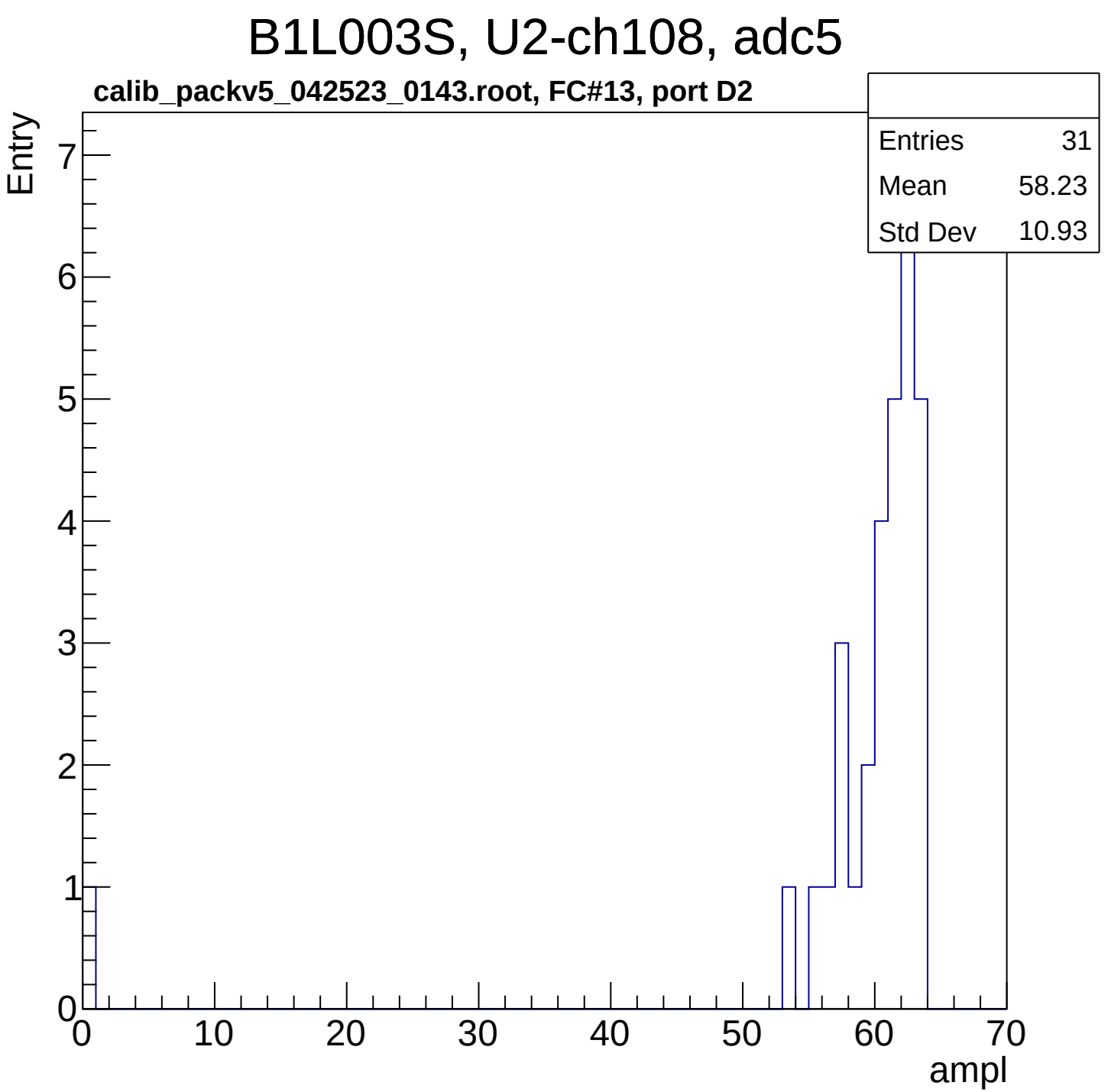
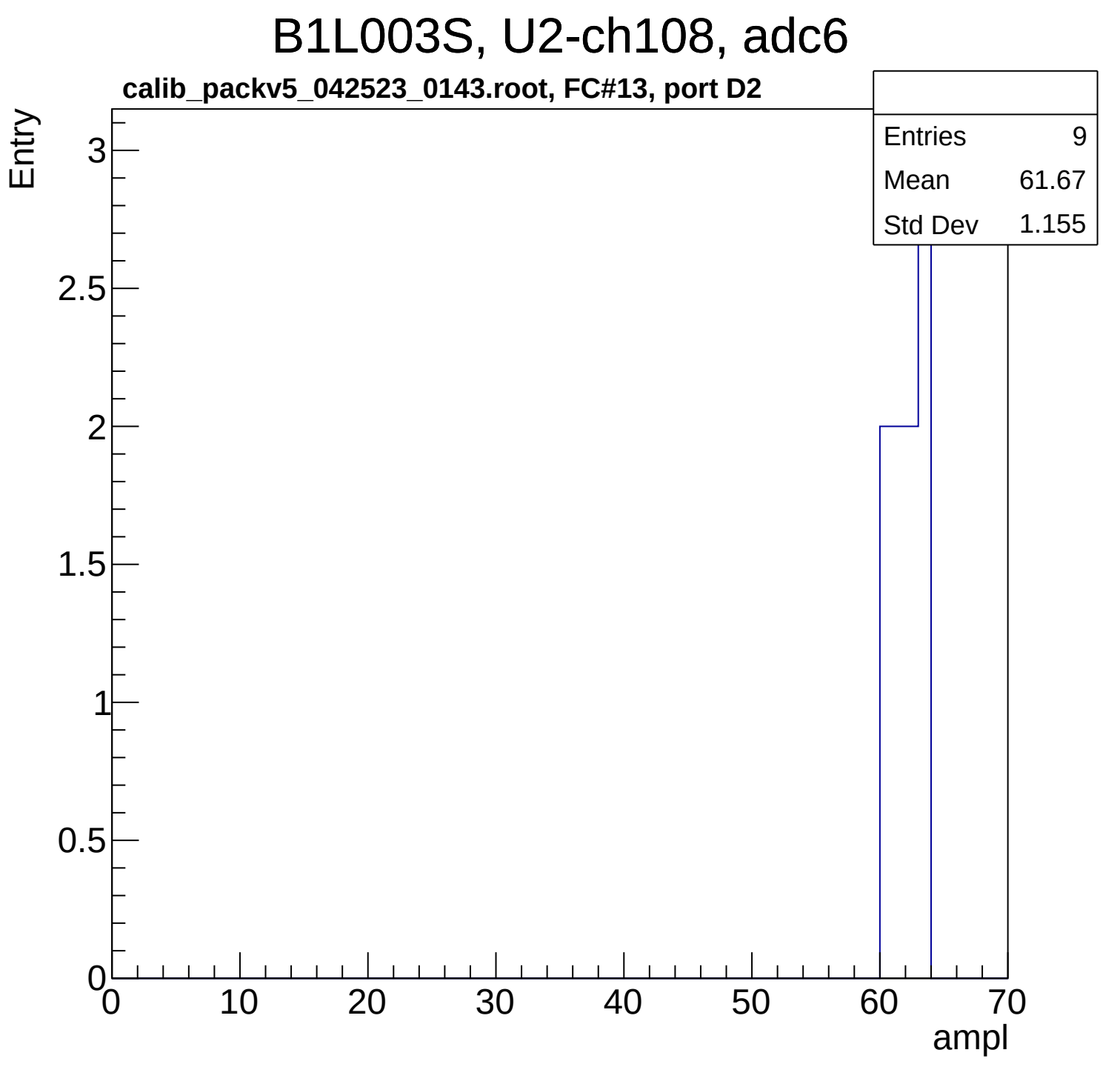

B1L003S, U2-ch108, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 31
Mean 58.23
Std Dev 10.93
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch108, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.67
Std Dev 1.155
Entry
ampl
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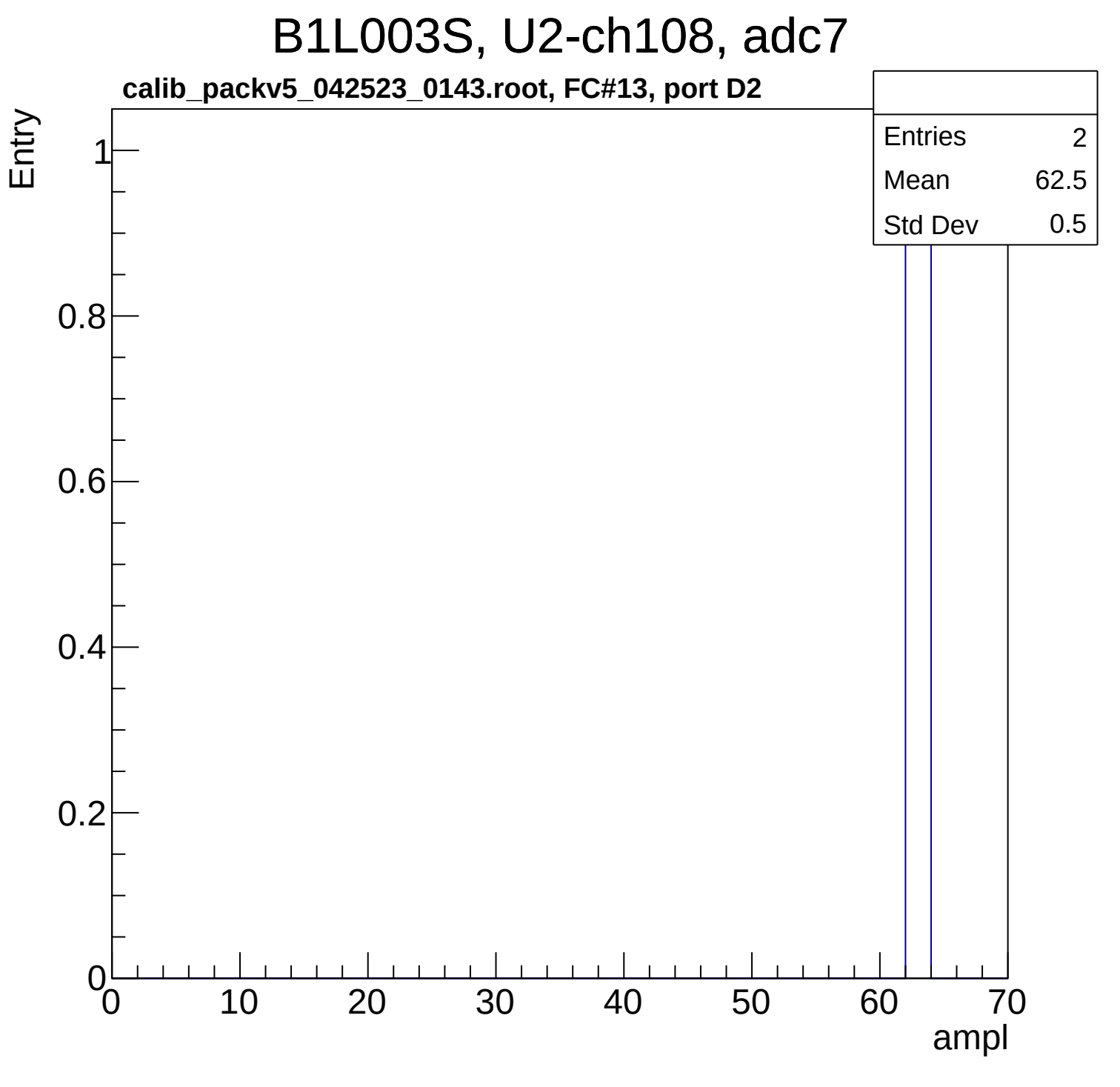
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch108, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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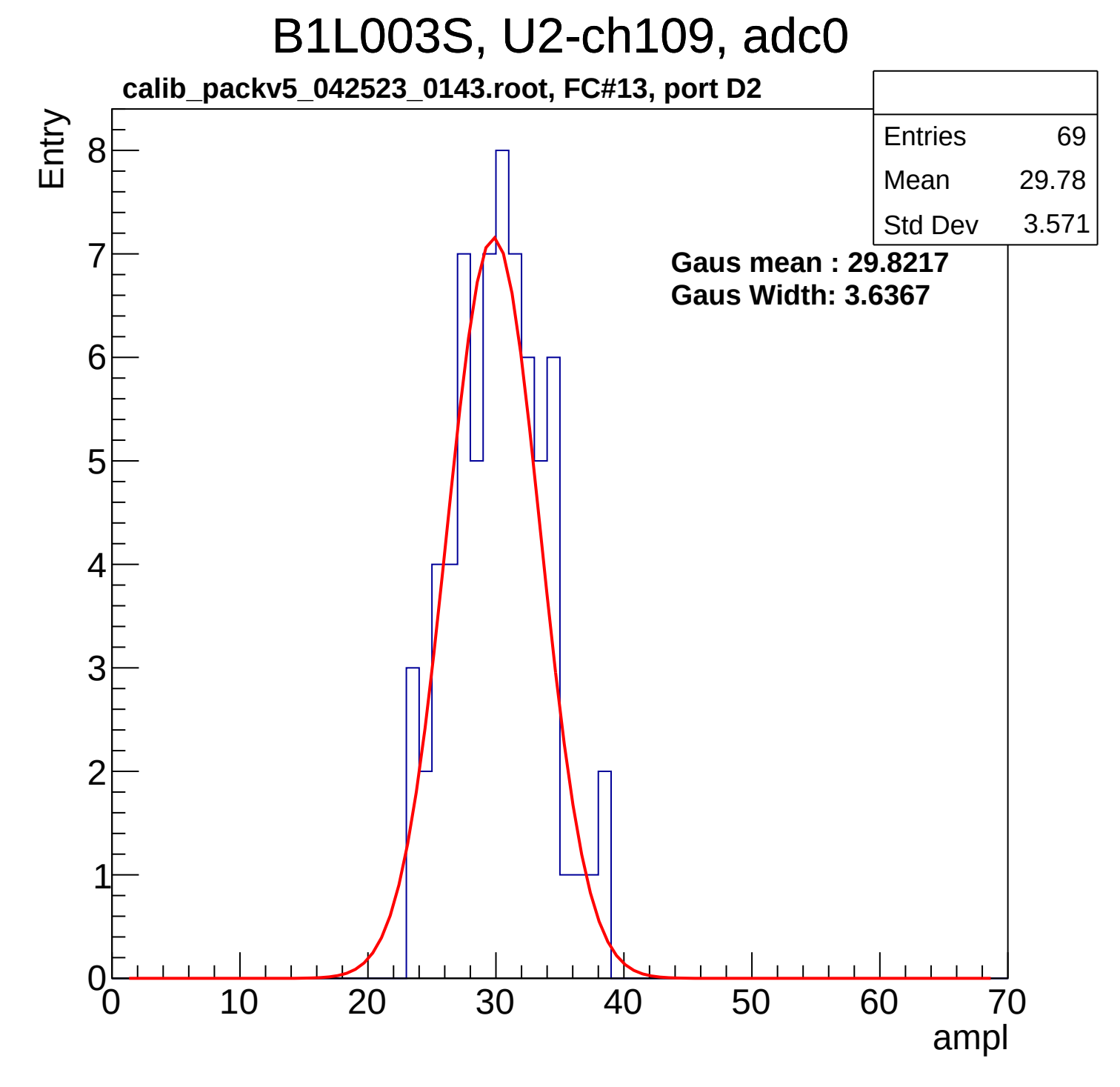
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch109, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 29.78
Std Dev 3.571
Gaus mean : 29.8217
Gaus Width: 3.6367
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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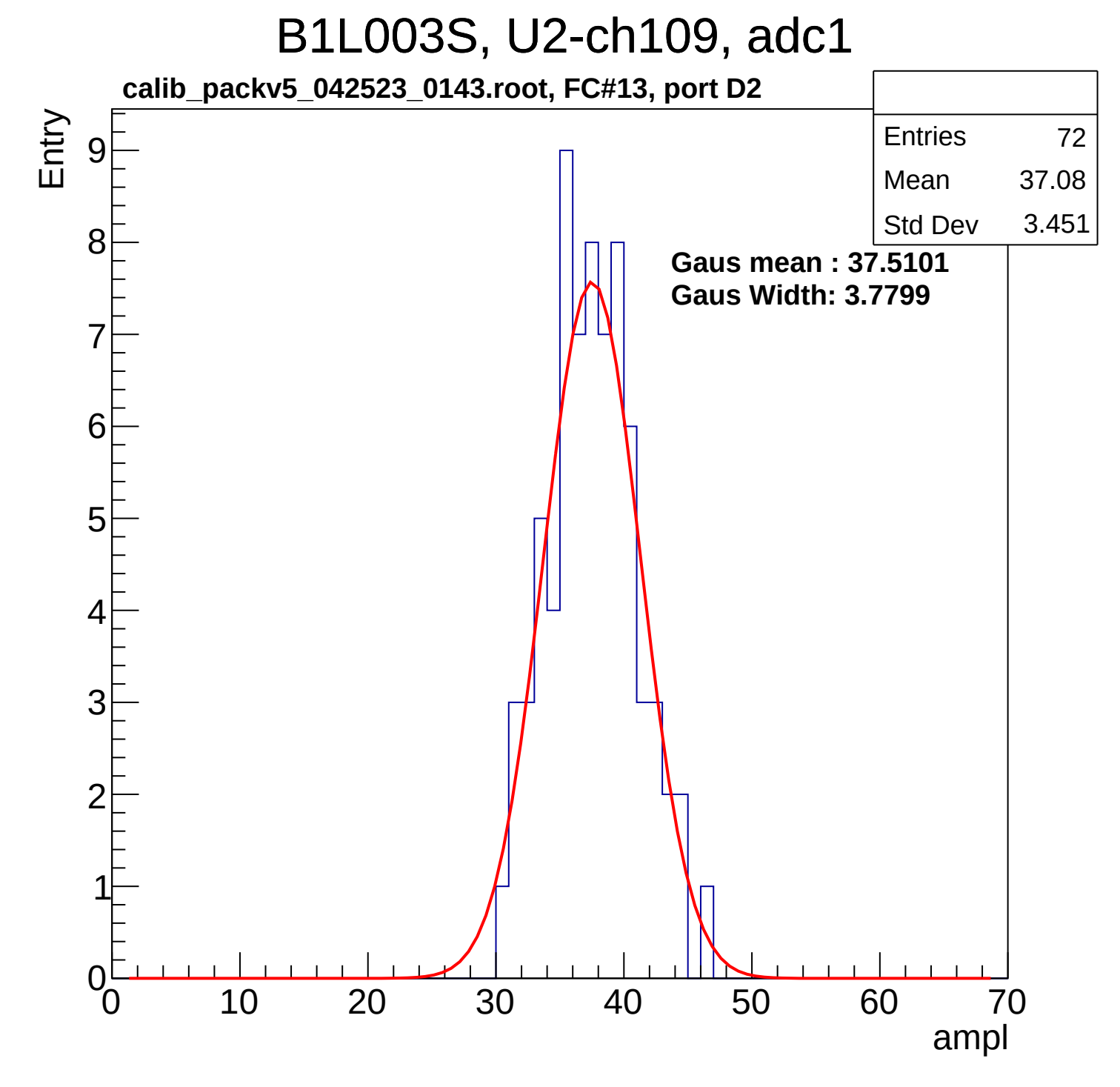
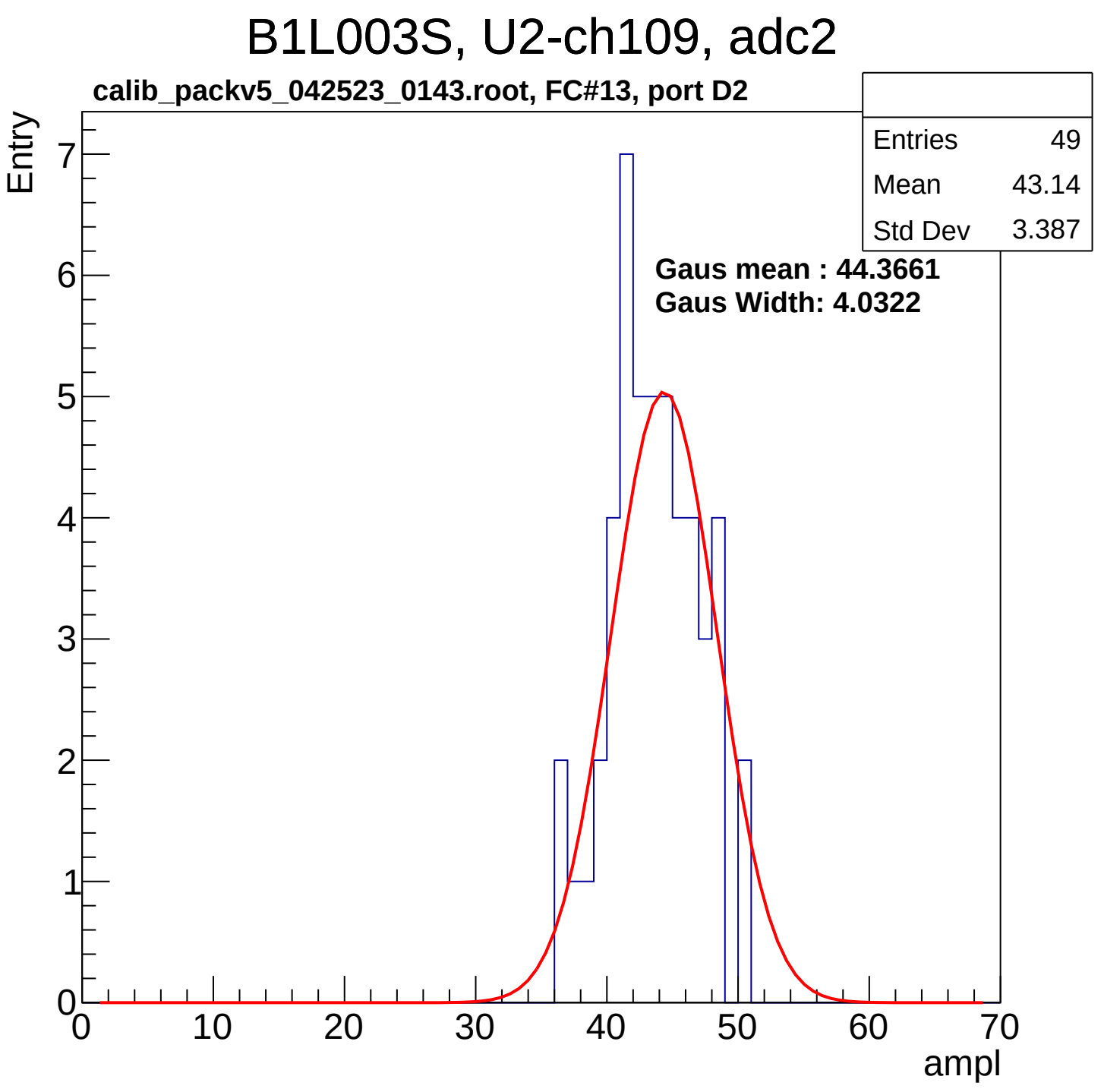

B1L003S, U2-ch109, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 37.08
Std Dev 3.451
Gaus mean : 37.5101
Gaus Width: 3.7799
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch109, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 43.14
Std Dev 3.387
Gaus mean : 44.3661
Gaus Width: 4.0322
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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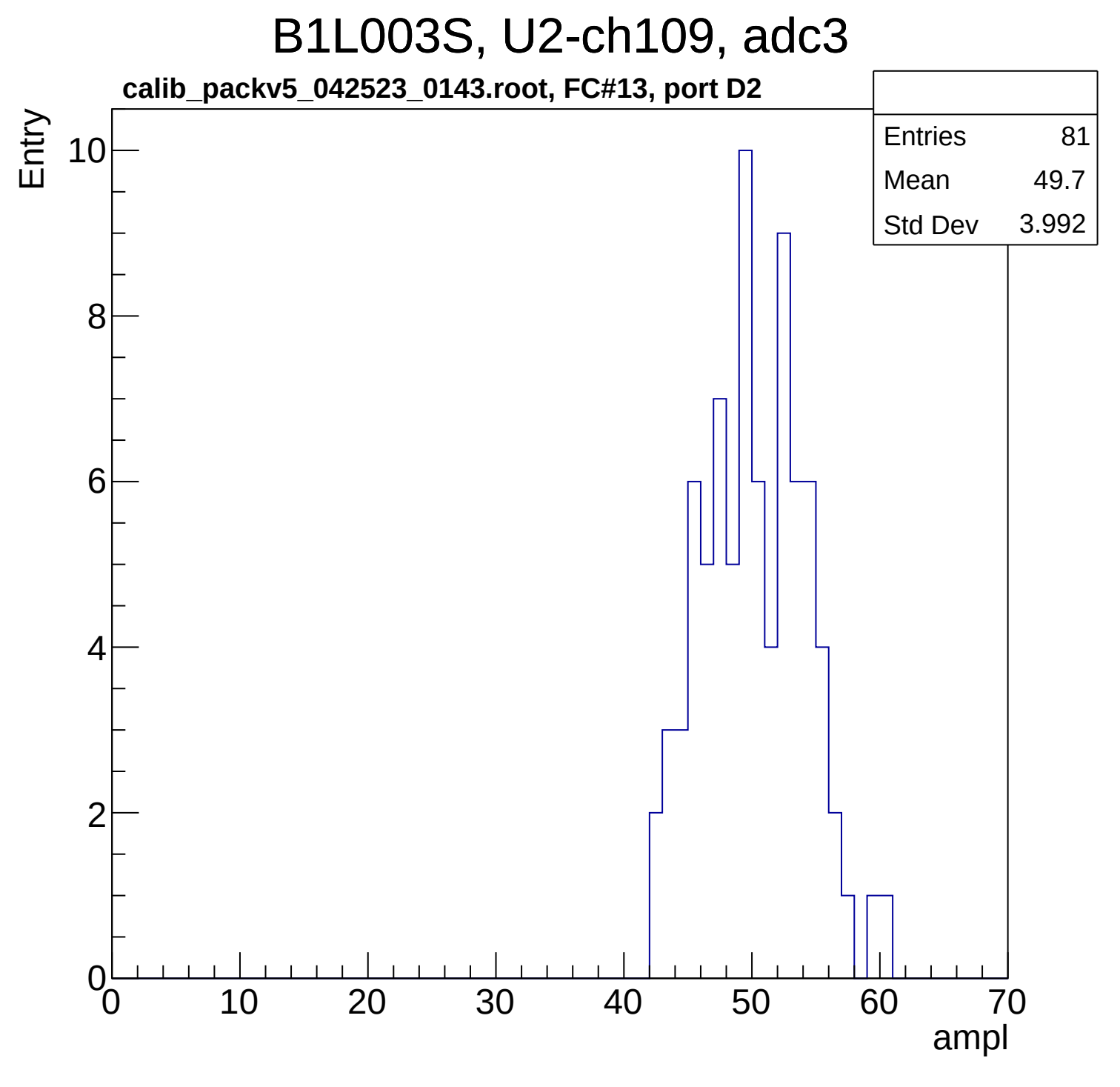
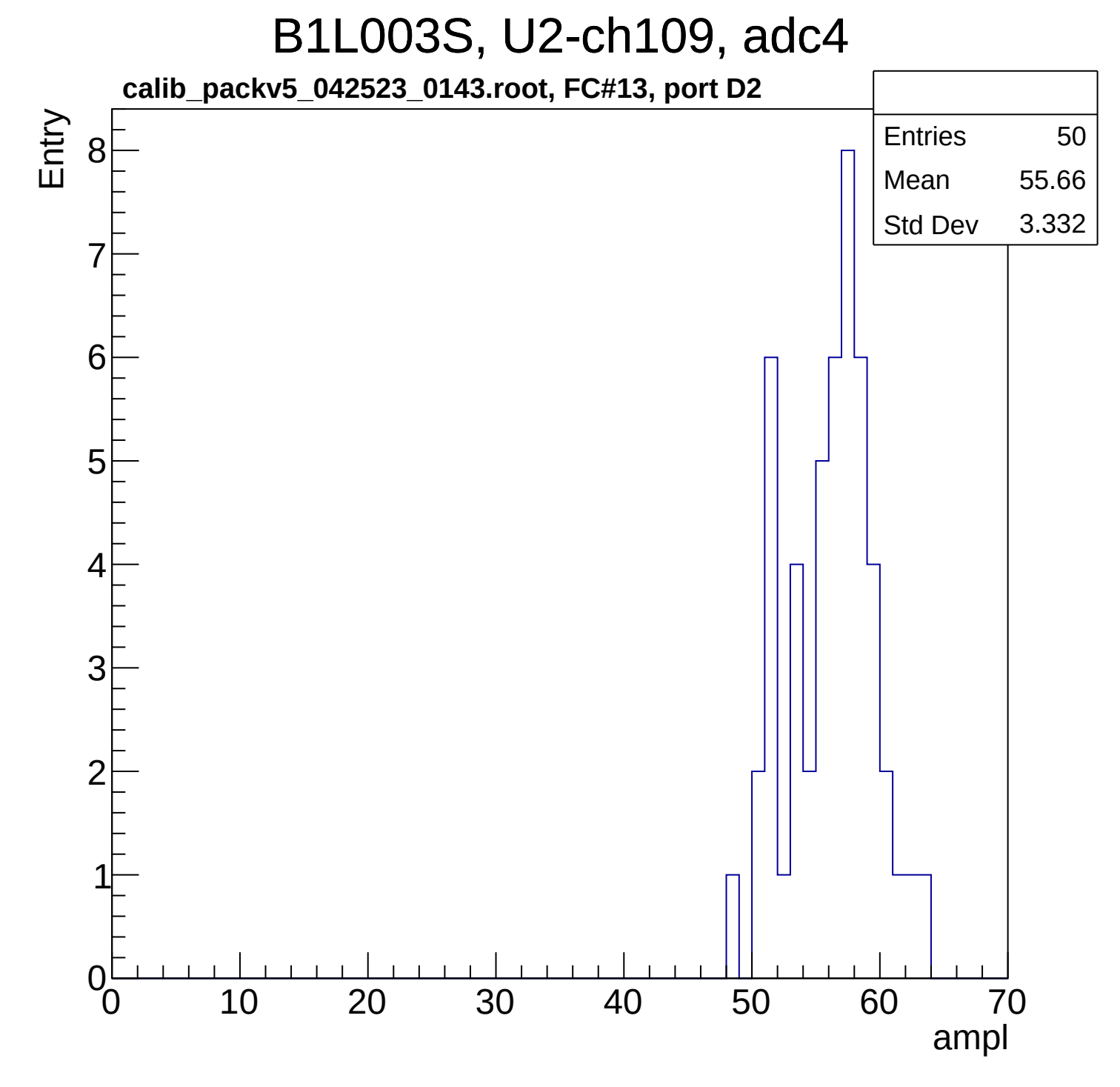

B1L003S, U2-ch109, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 49.7
Std Dev 3.992
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch109, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 55.66
Std Dev 3.332
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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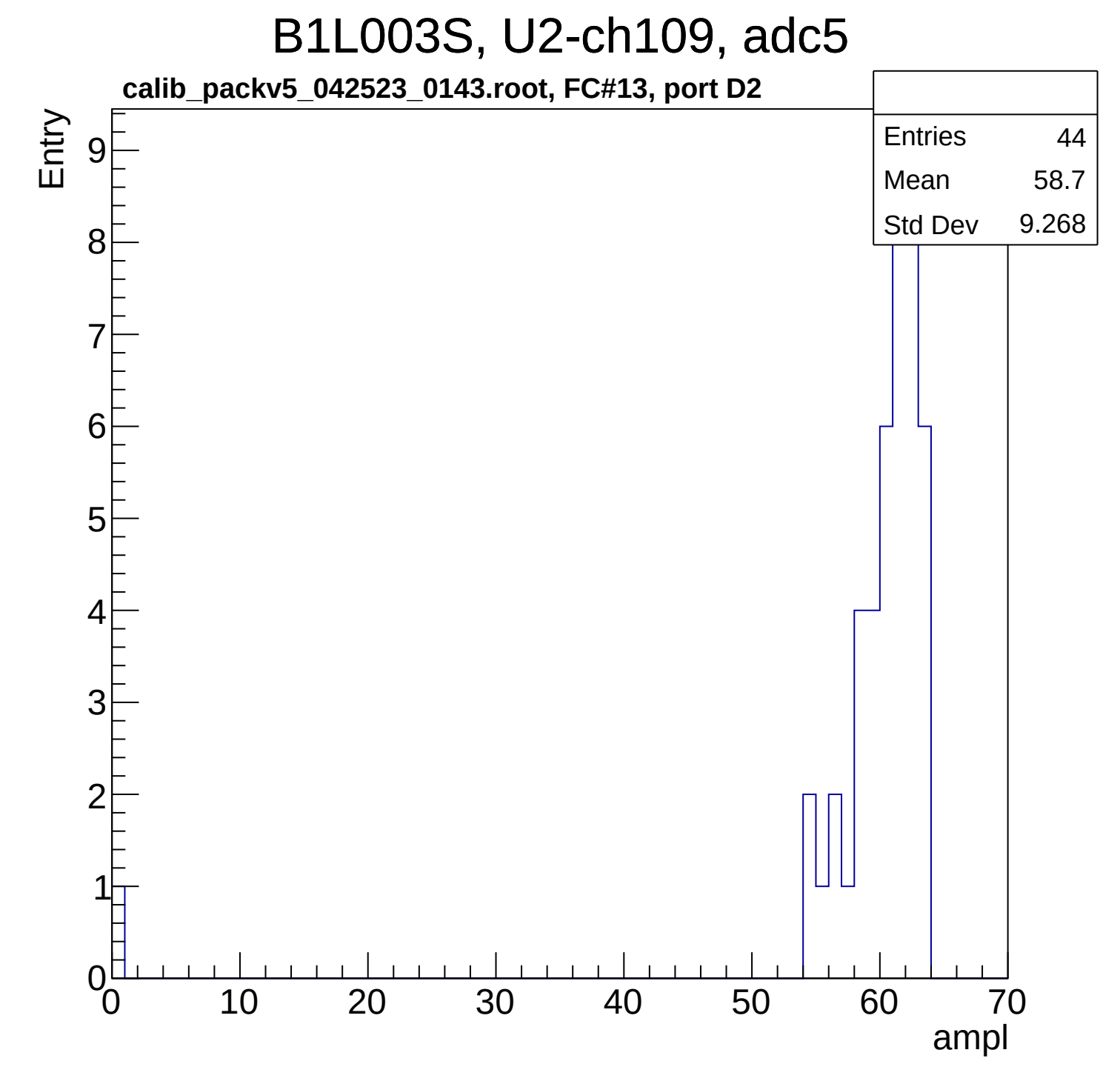
B1L003S, U2-ch109, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 58.7
Std Dev 9.268
Entry
ampl
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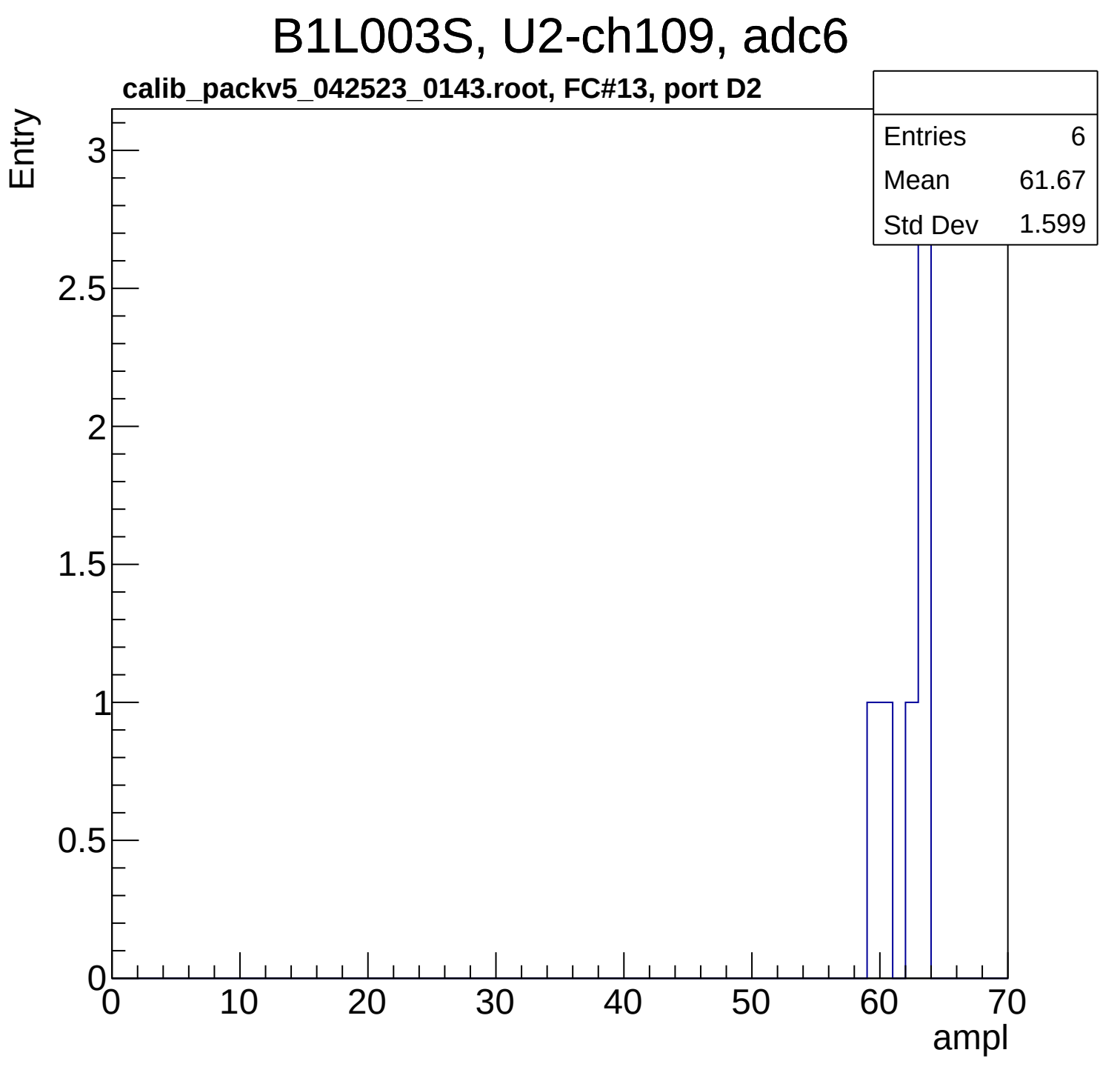
B1L003S, U2-ch109, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 61.67
Std Dev 1.599
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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40
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60
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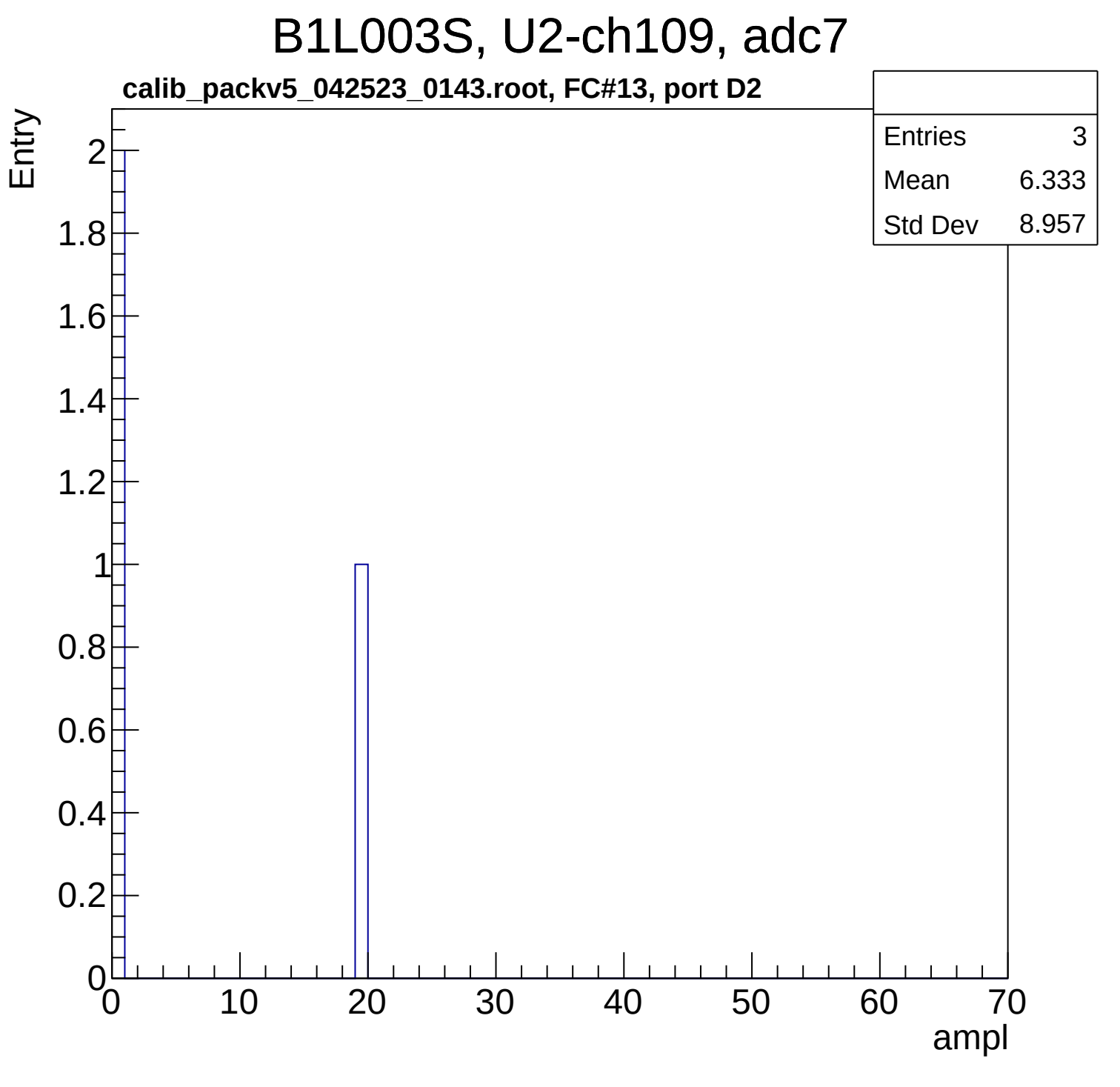
B1L003S, U2-ch109, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 6.333
Std Dev 8.957
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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60
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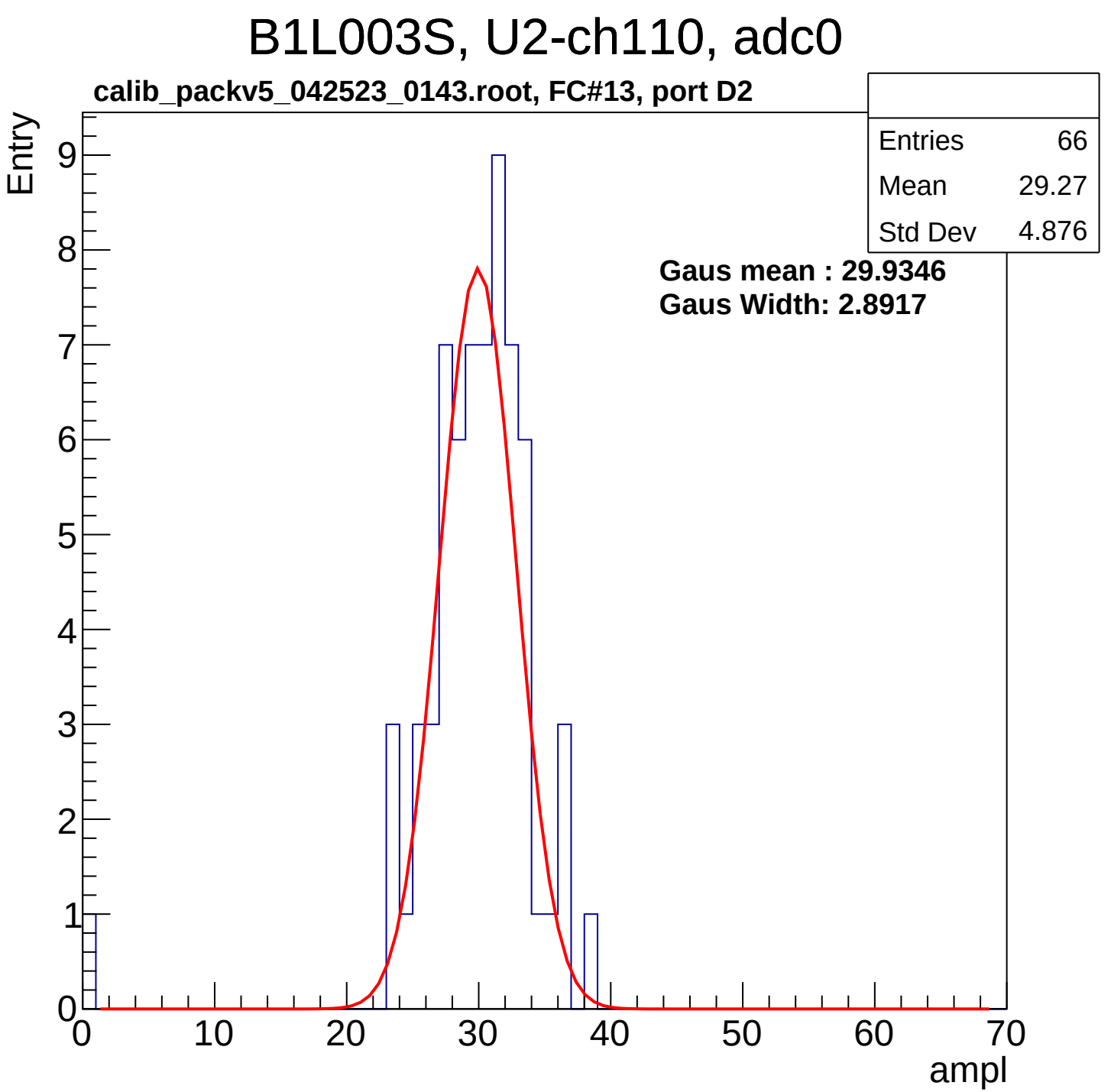
B1L003S, U2-ch110, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 29.27
Std Dev 4.876
Gaus mean : 29.9346
Gaus Width: 2.8917
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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30
40
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60
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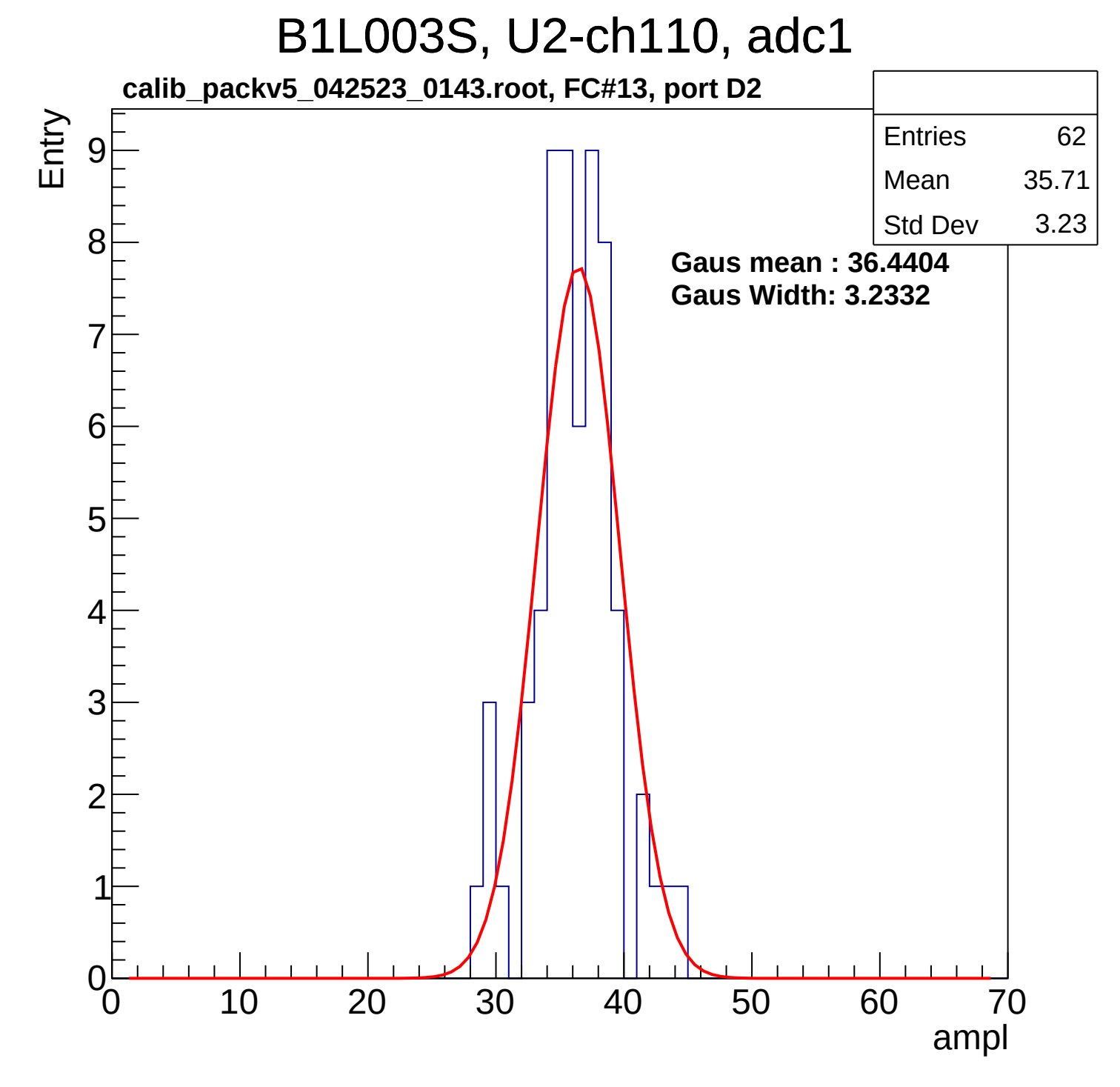
B1L003S, U2-ch110, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 35.71
Std Dev 3.23
Gaus mean : 36.4404
Gaus Width: 3.2332
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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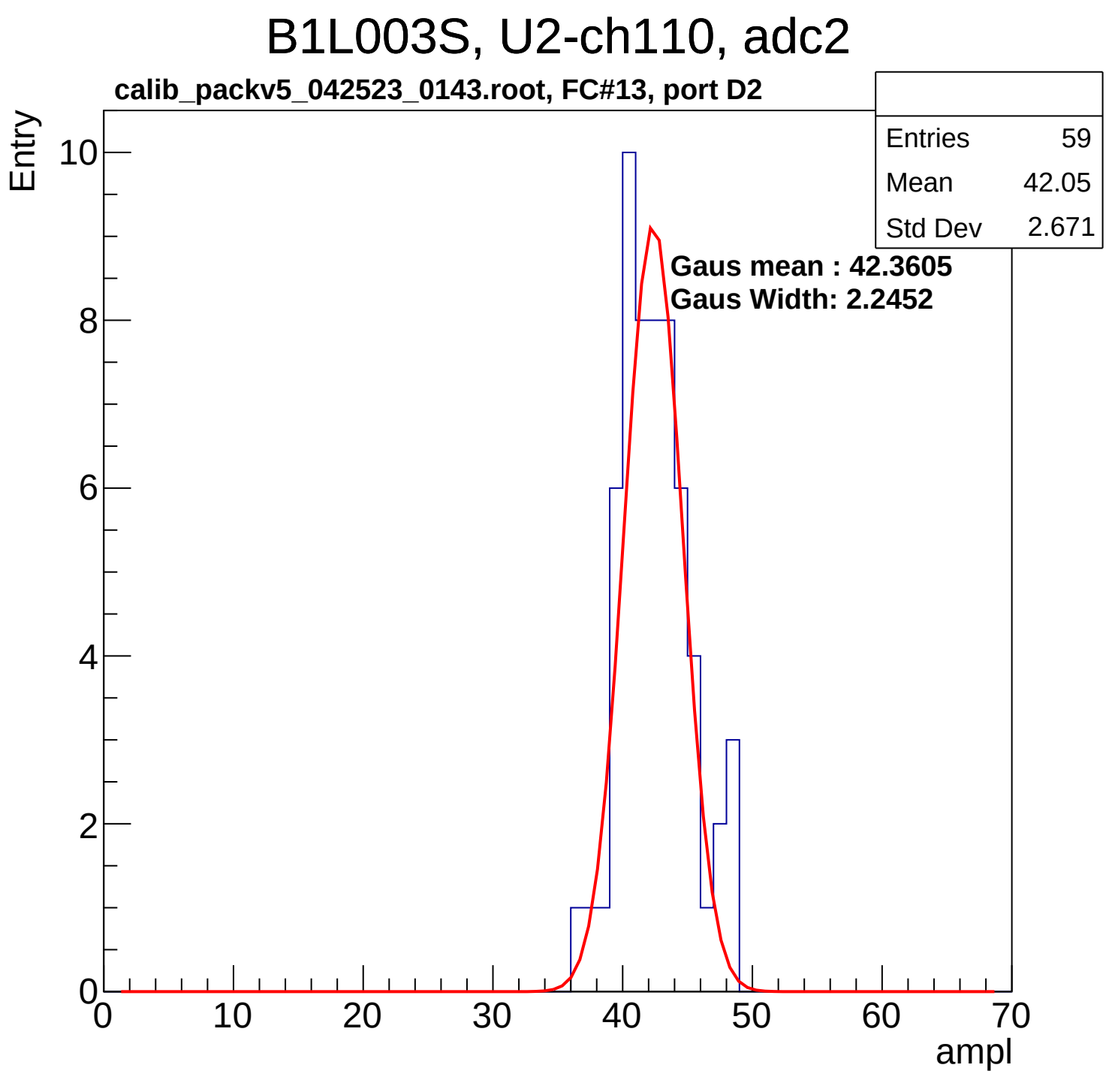
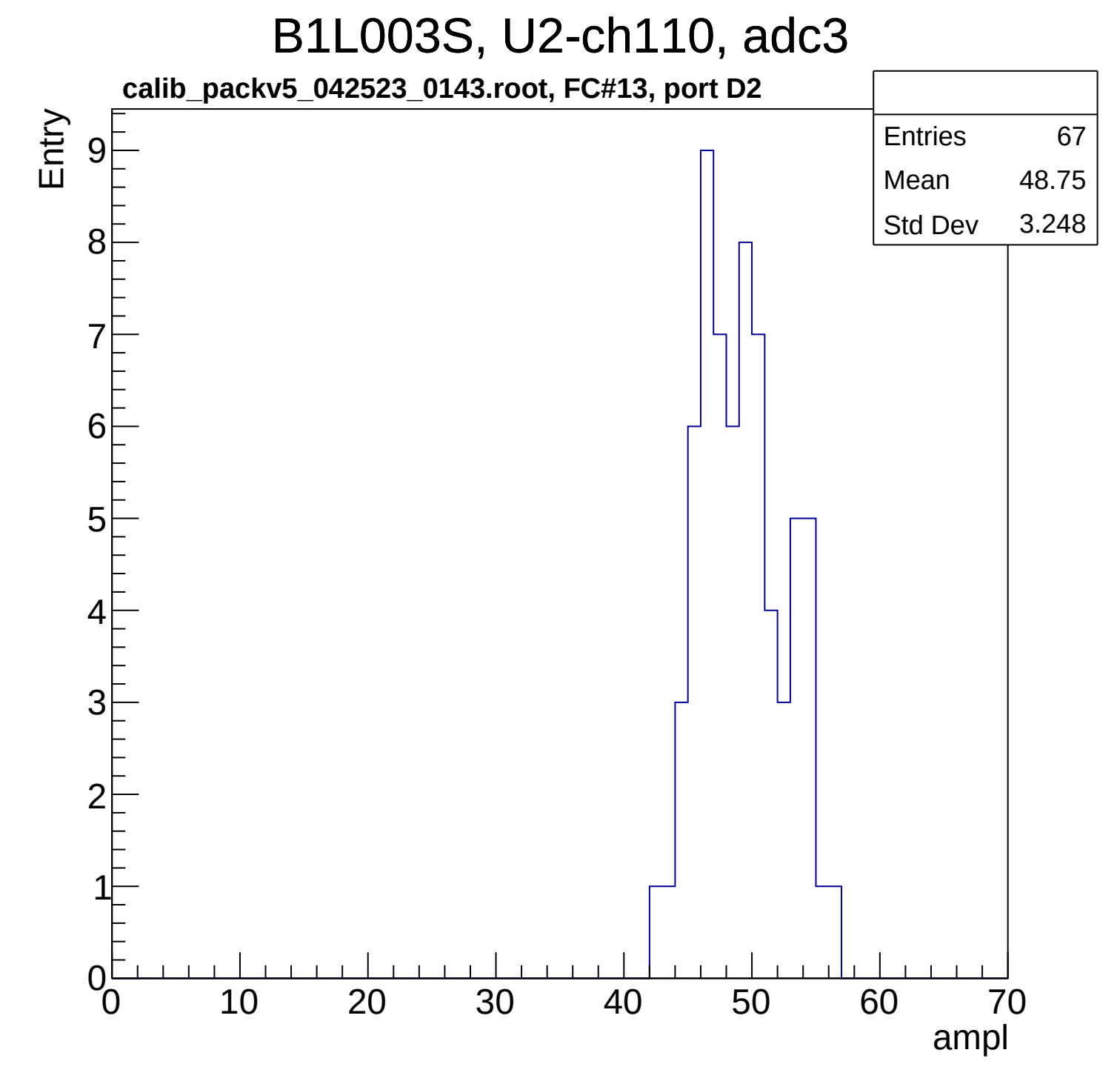

B1L003S, U2-ch110, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 42.05
Std Dev 2.671
Gaus mean : 42.3605
Gaus Width: 2.2452
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch110, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 48.75
Std Dev 3.248
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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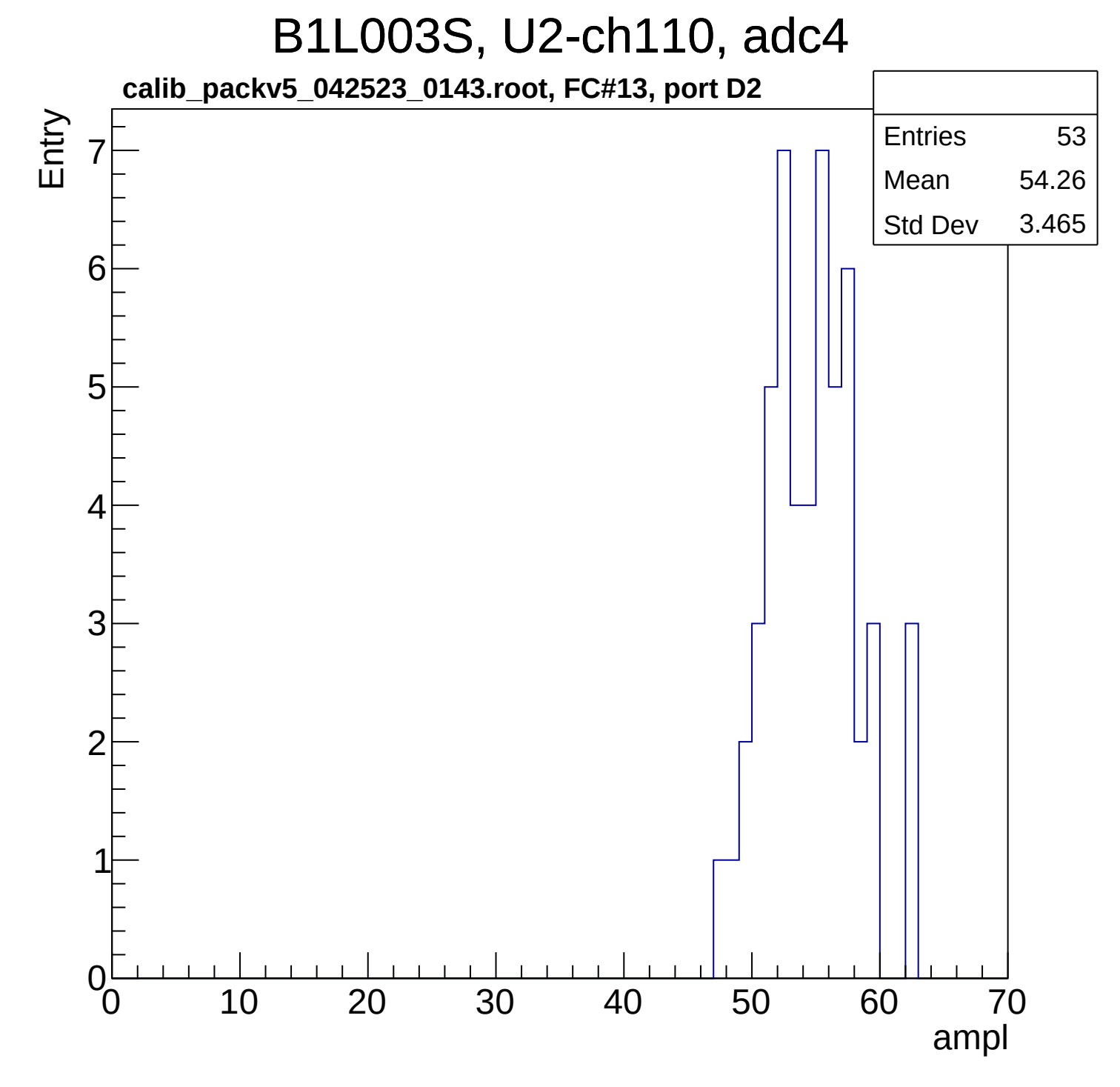
B1L003S, U2-ch110, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 54.26
Std Dev 3.465
Entry
ampl
0
1
2
3
4
5
6
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0
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60
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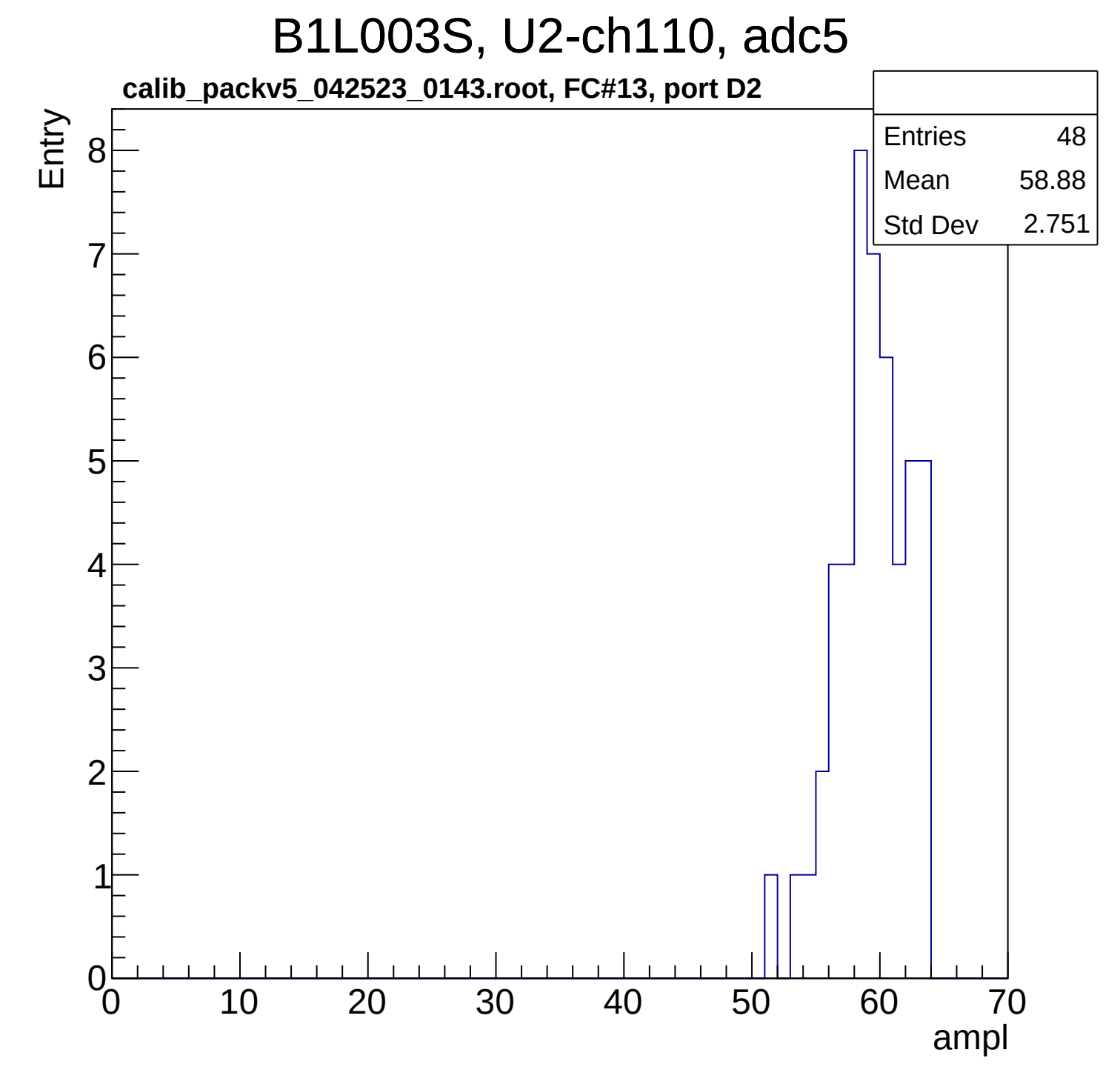
B1L003S, U2-ch110, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 58.88
Std Dev 2.751
Entry
ampl
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2
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4
5
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0
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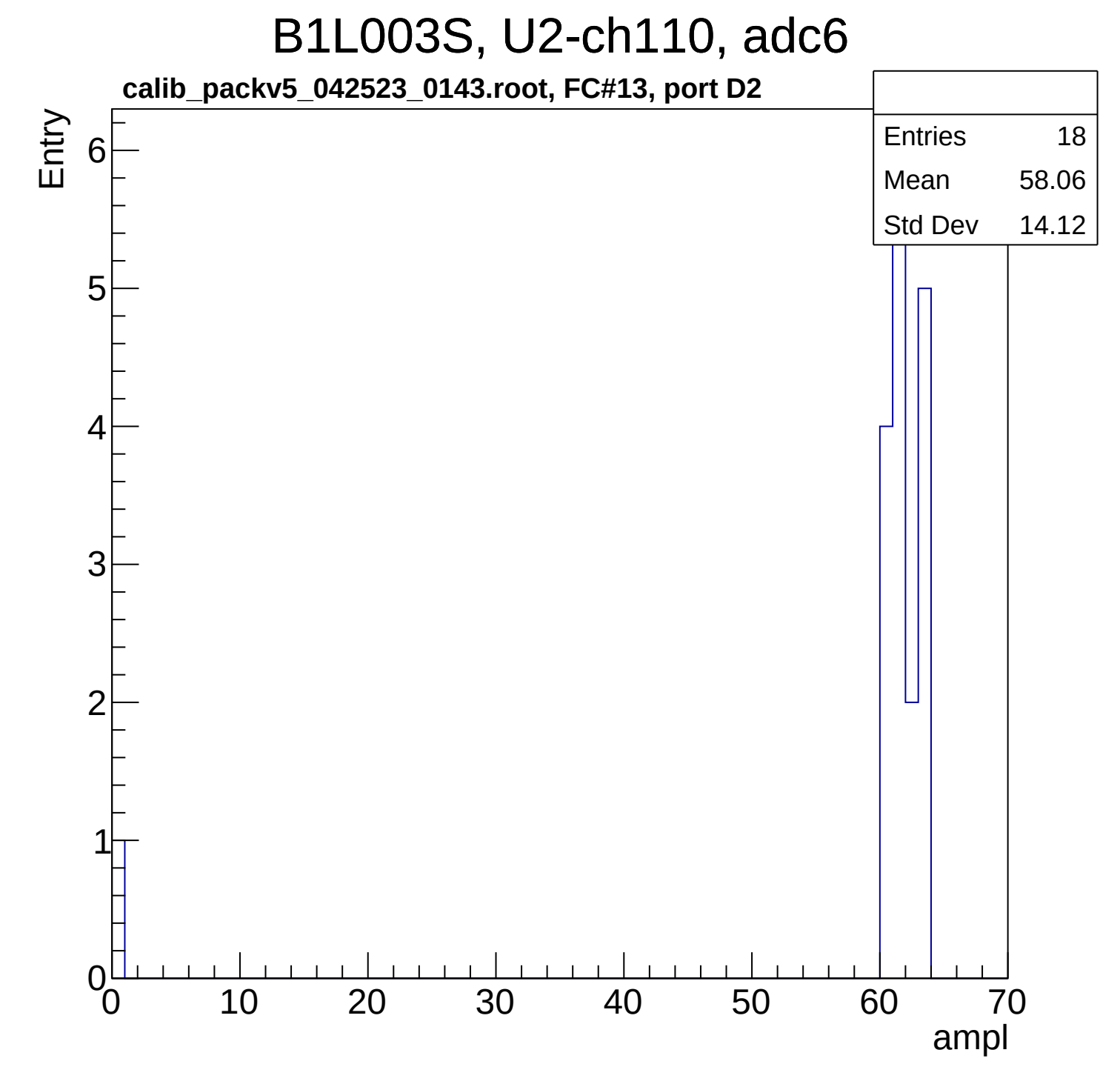
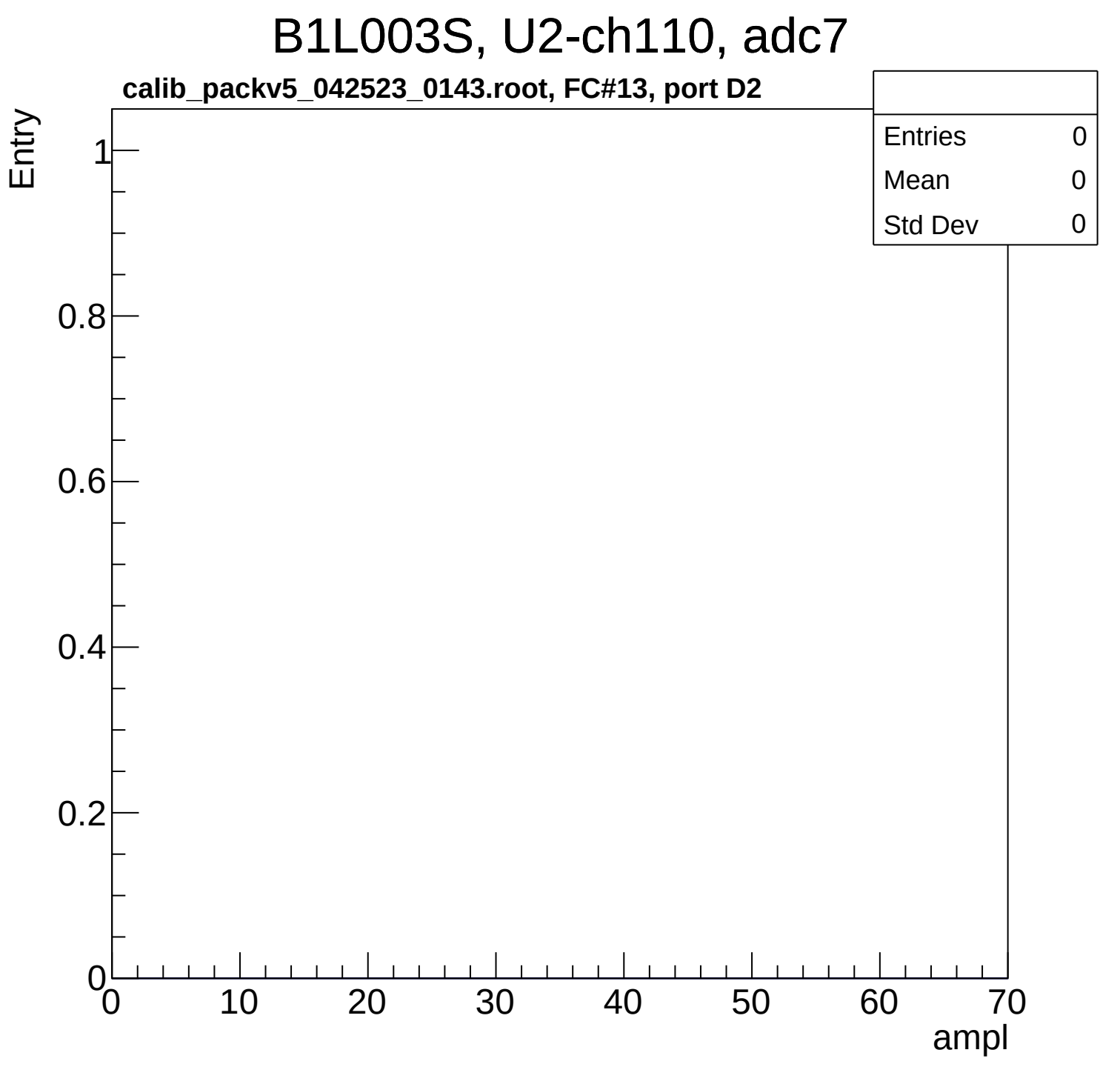

B1L003S, U2-ch110, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 18
Mean 58.06
Std Dev 14.12
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch110, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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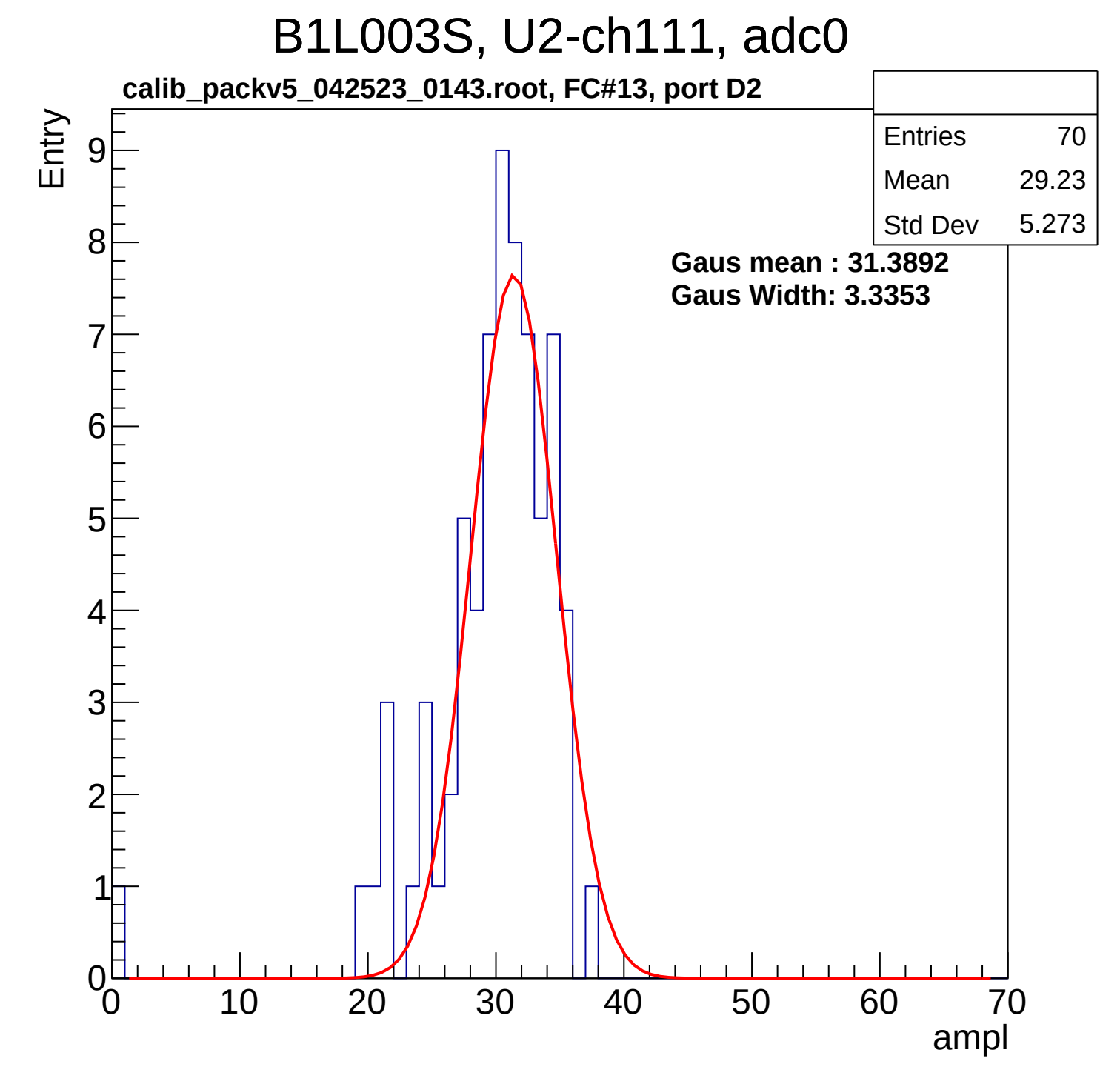
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch111, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 29.23
Std Dev 5.273
Gaus mean : 31.3892
Gaus Width: 3.3353
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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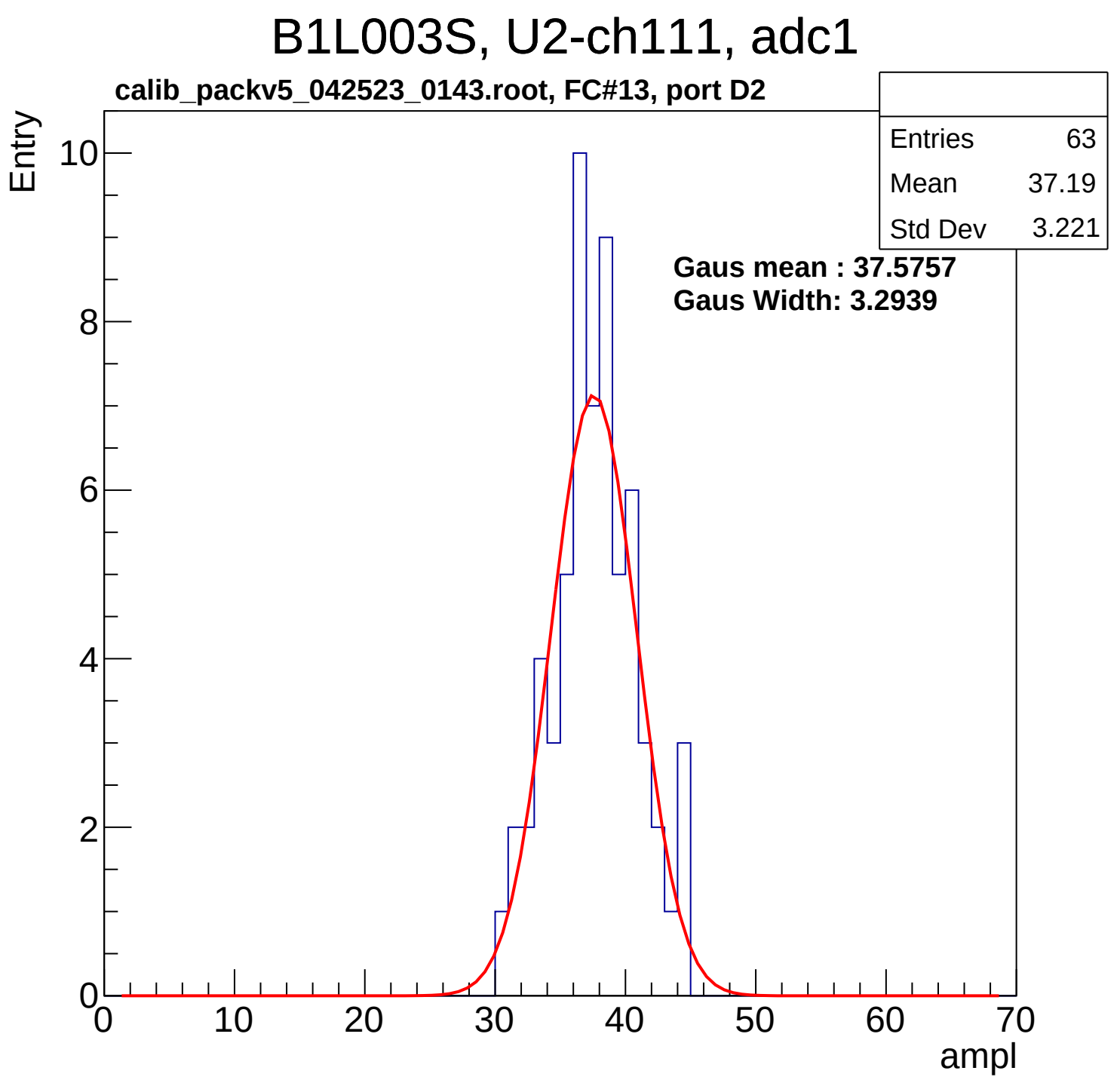
B1L003S, U2-ch111, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 37.19
Std Dev 3.221
Gaus mean : 37.5757
Gaus Width: 3.2939
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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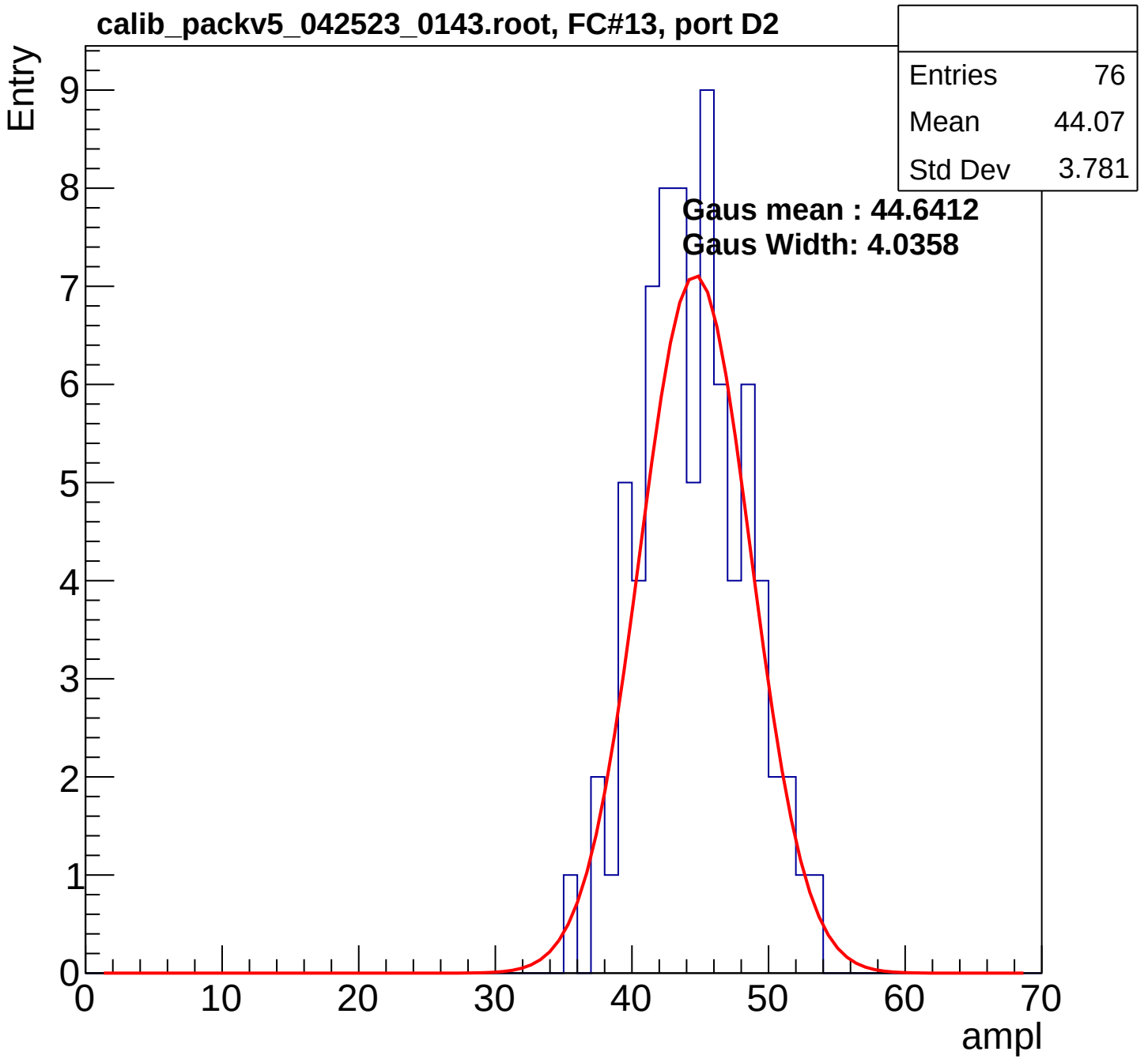
B1L003S, U2-ch111, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 44.07
Std Dev 3.781
Gaus mean : 44.6412
Gaus Width: 4.0358
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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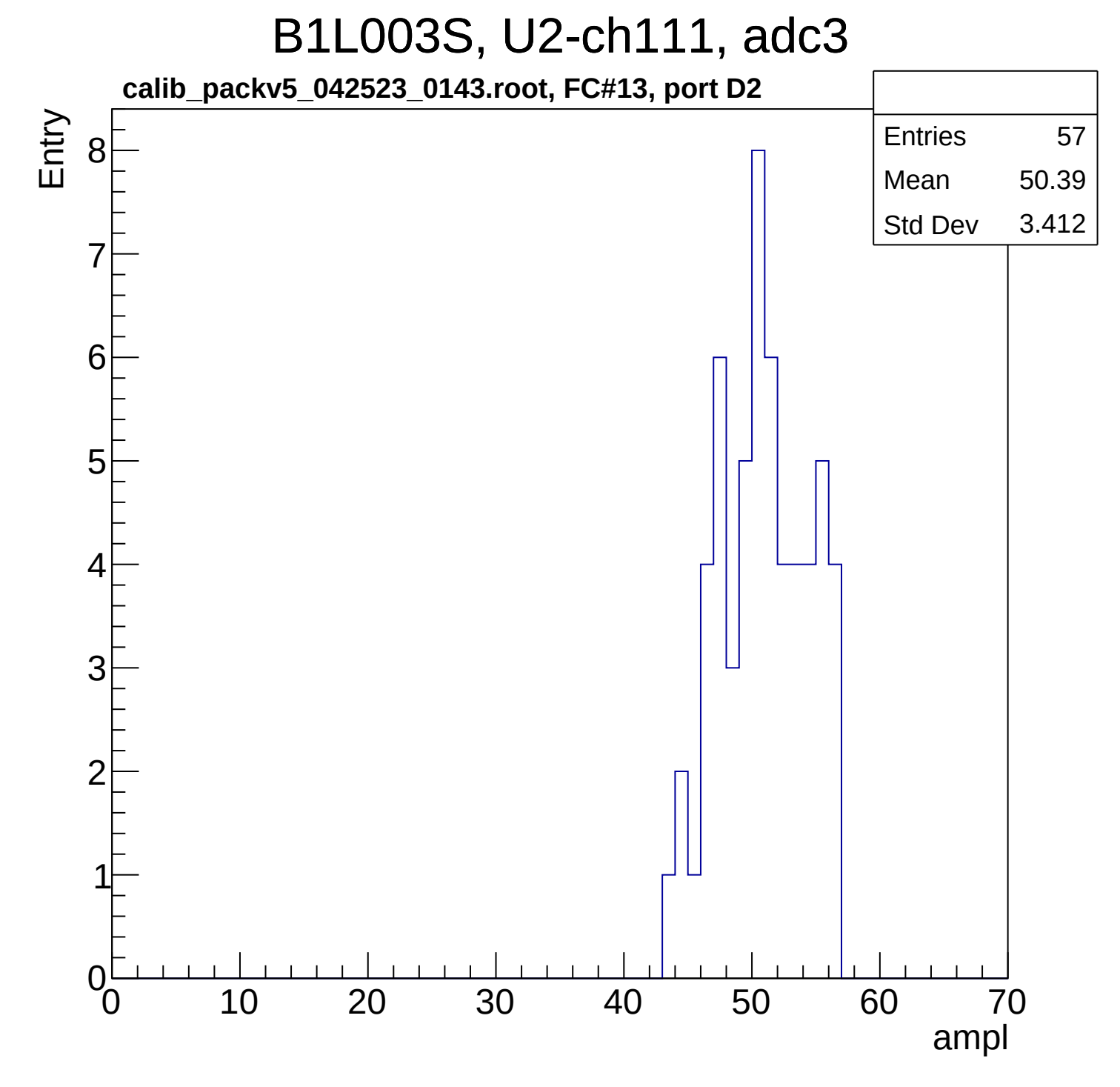
60
70


B1L003S, U2-ch111, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 50.39
Std Dev 3.412
Entry
ampl
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1
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4
5
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7
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0
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40
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60
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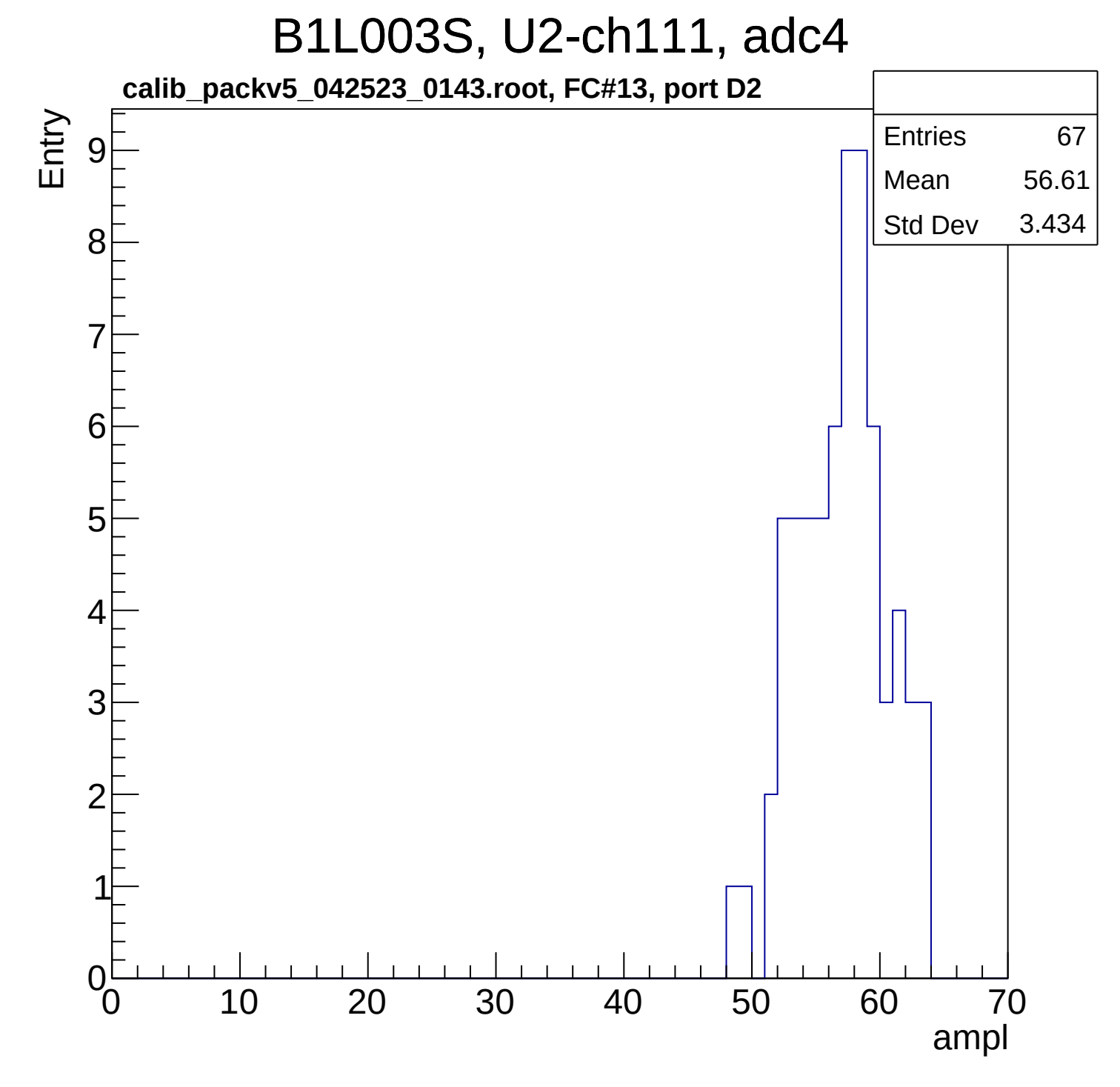
B1L003S, U2-ch111, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 56.61
Std Dev 3.434
Entry
ampl
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3
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5
6
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8
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0
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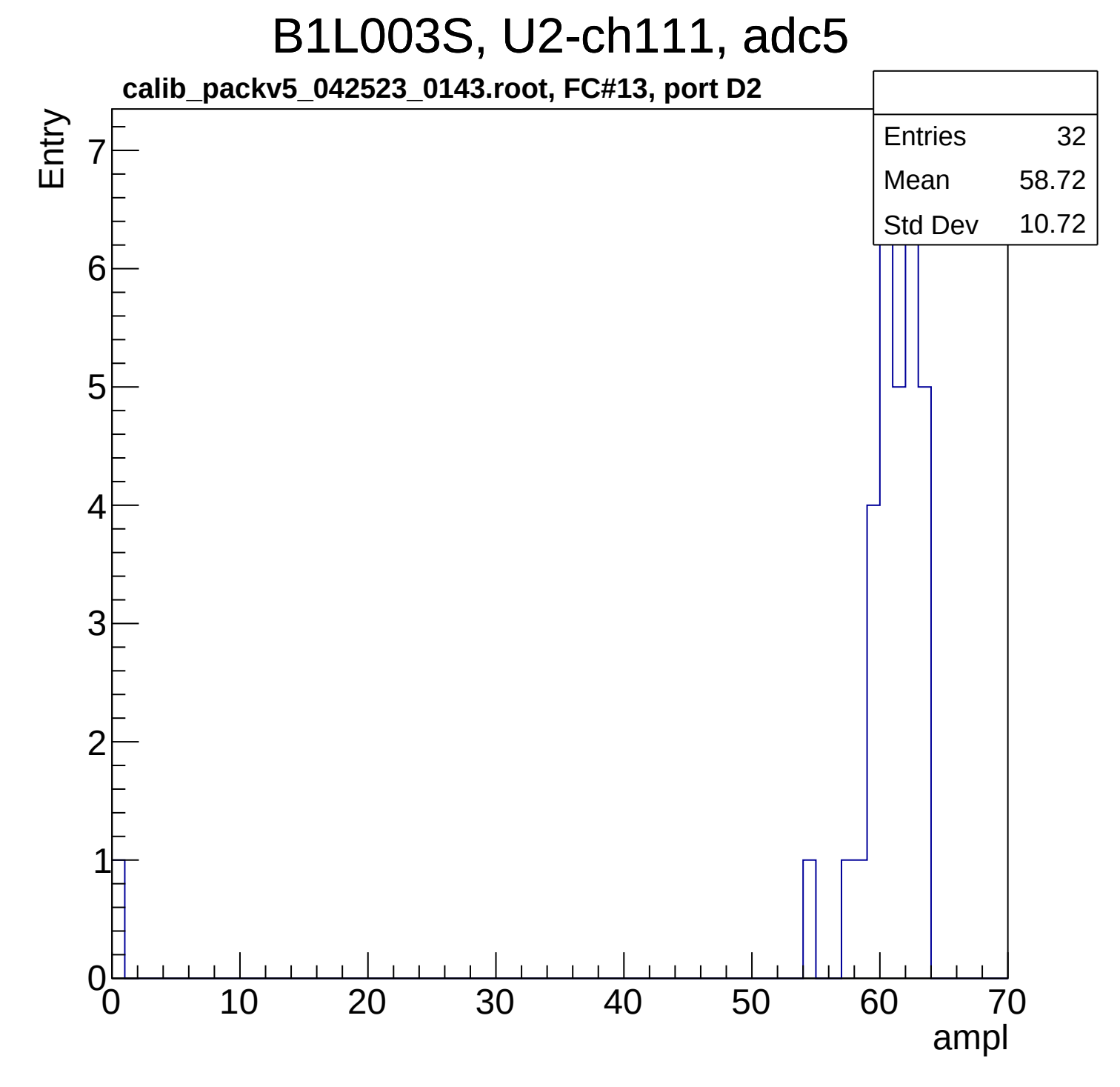
B1L003S, U2-ch111, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 32
Mean 58.72
Std Dev 10.72
Entry
ampl
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3
4
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0
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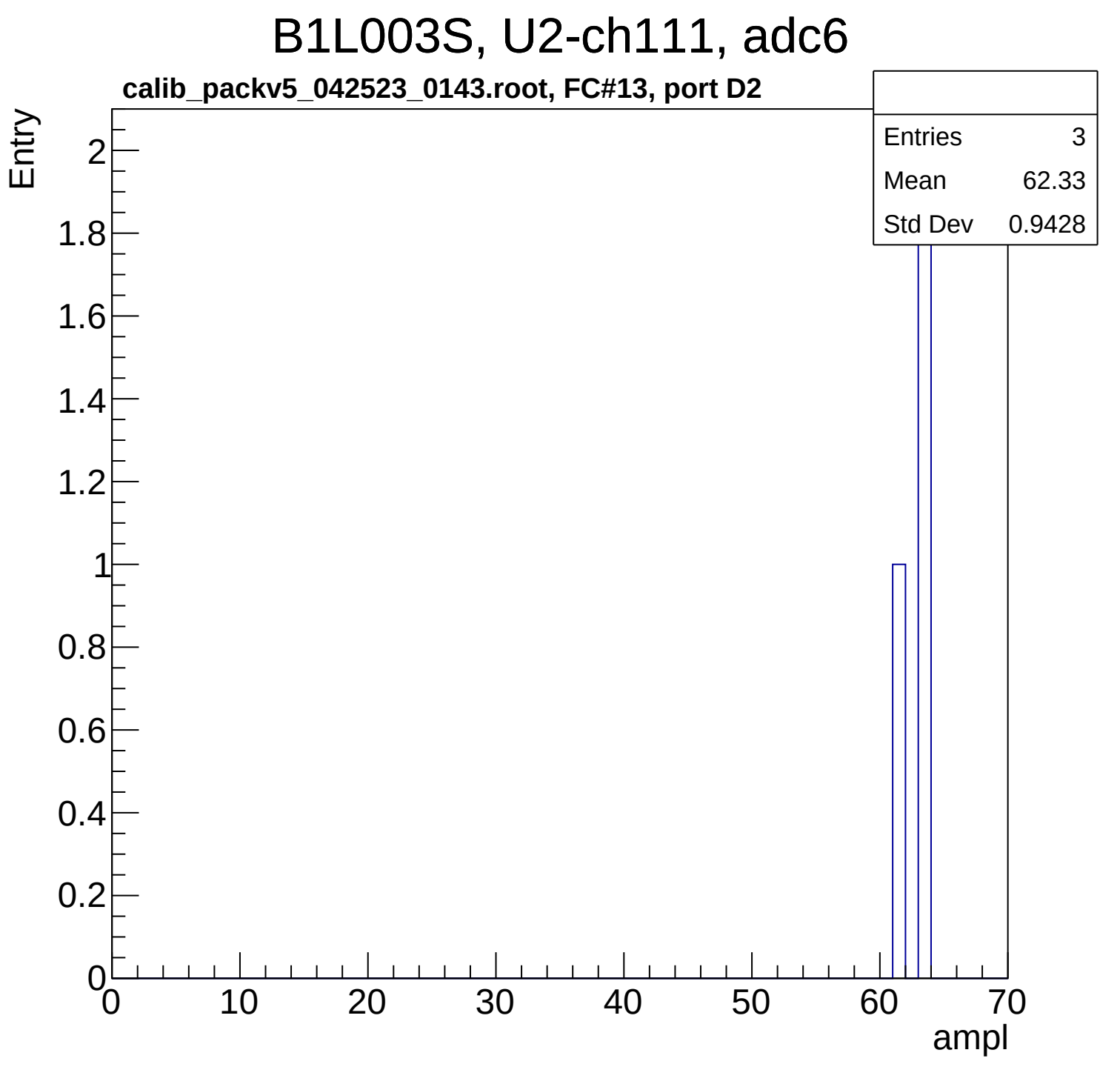
B1L003S, U2-ch111, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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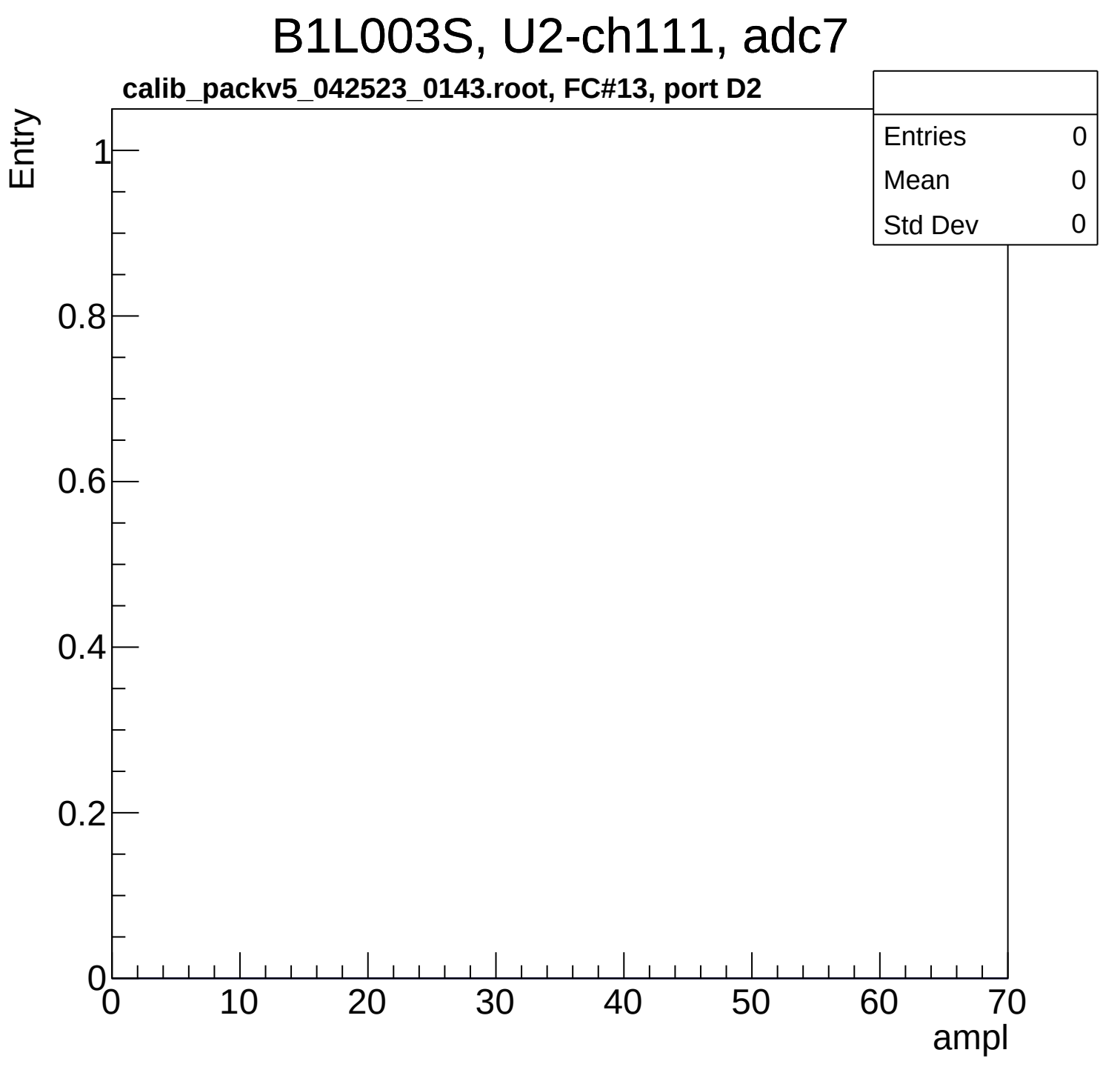
B1L003S, U2-ch111, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
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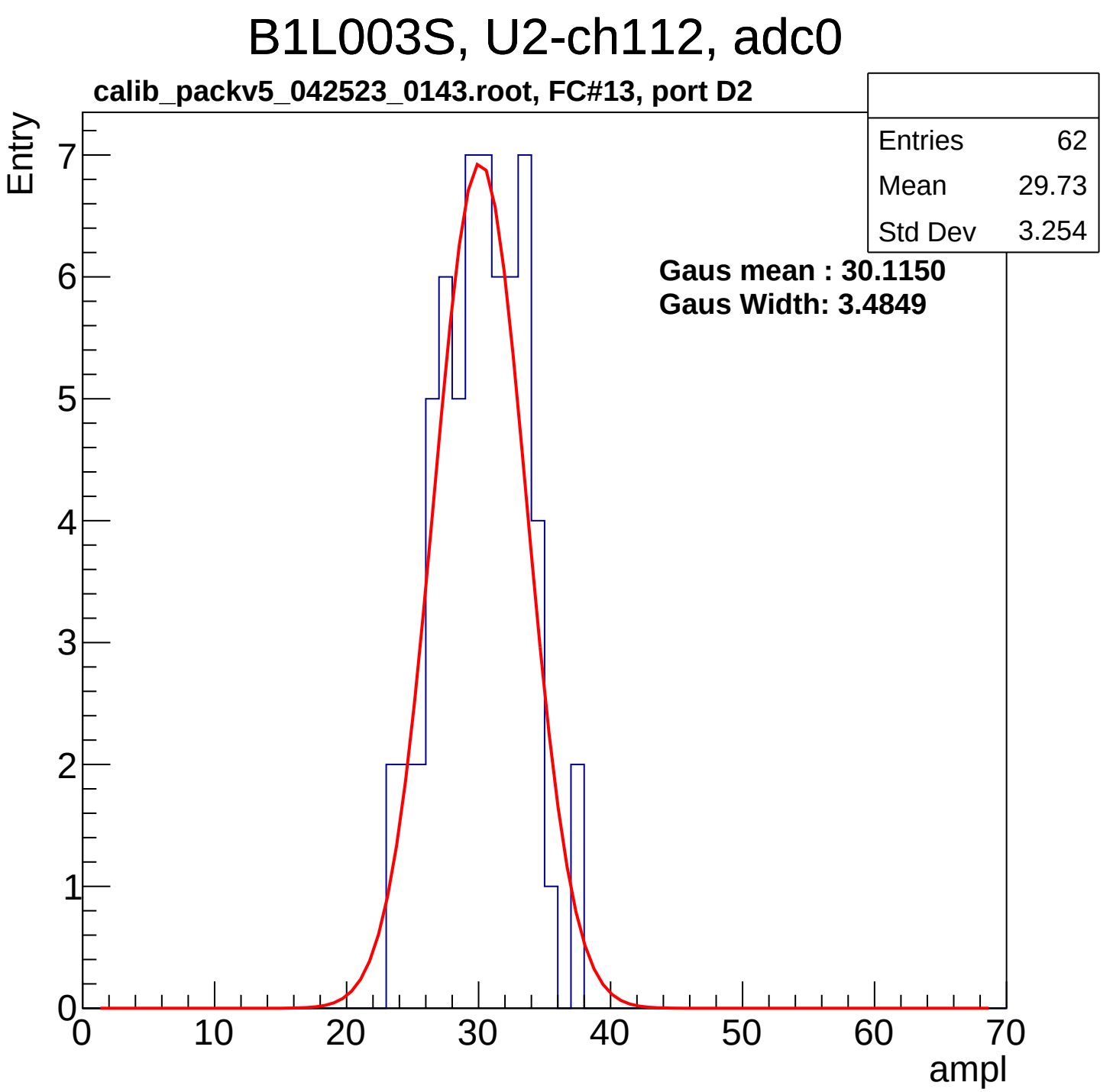
60
70
ampl


B1L003S, U2-ch112, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 29.73
Std Dev 3.254
Gaus mean : 30.1150
Gaus Width: 3.4849
Entry
ampl
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1
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3
4
5
6
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0
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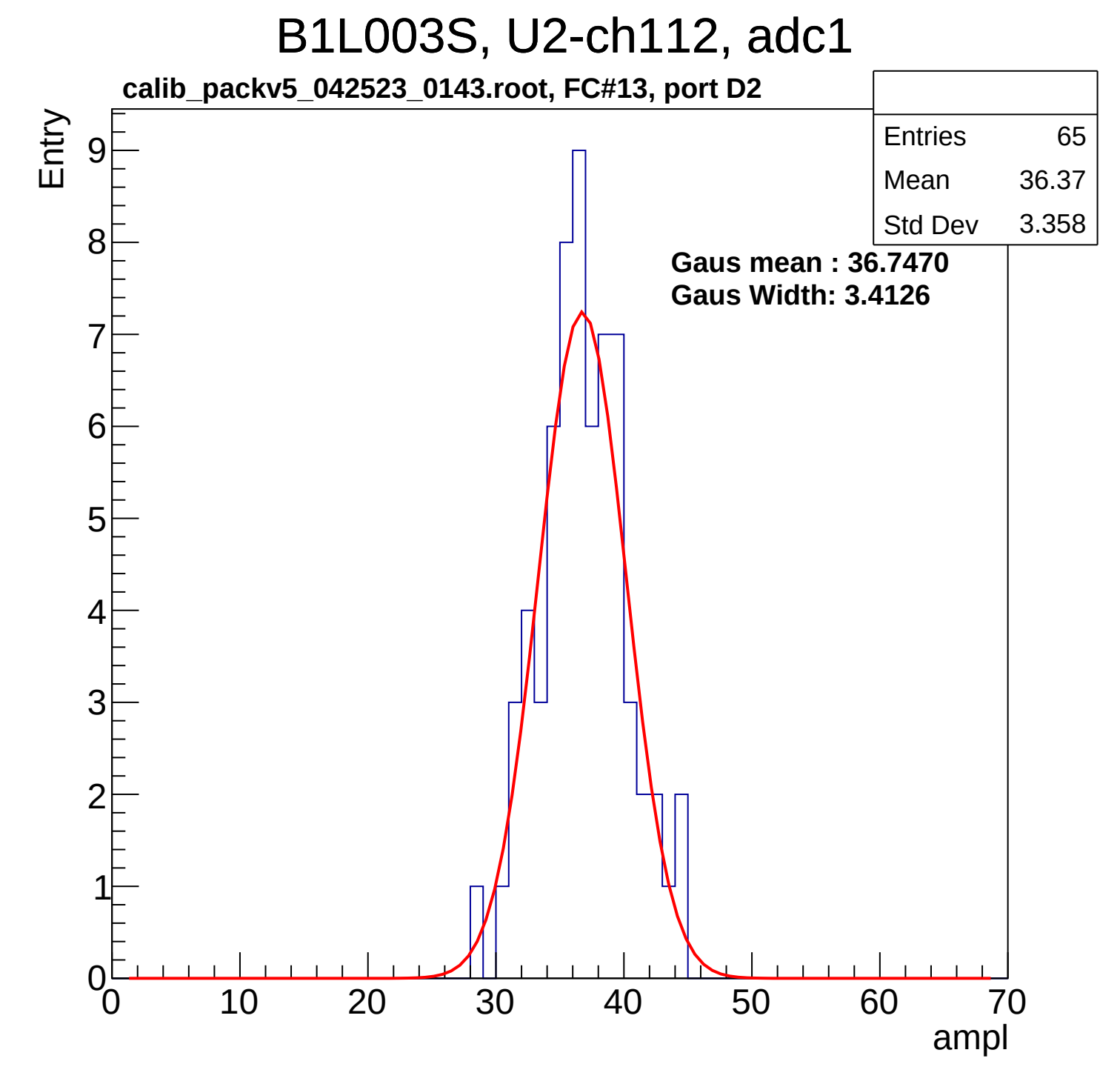
60
70


B1L003S, U2-ch112, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 36.37
Std Dev 3.358
Gaus mean : 36.7470
Gaus Width: 3.4126
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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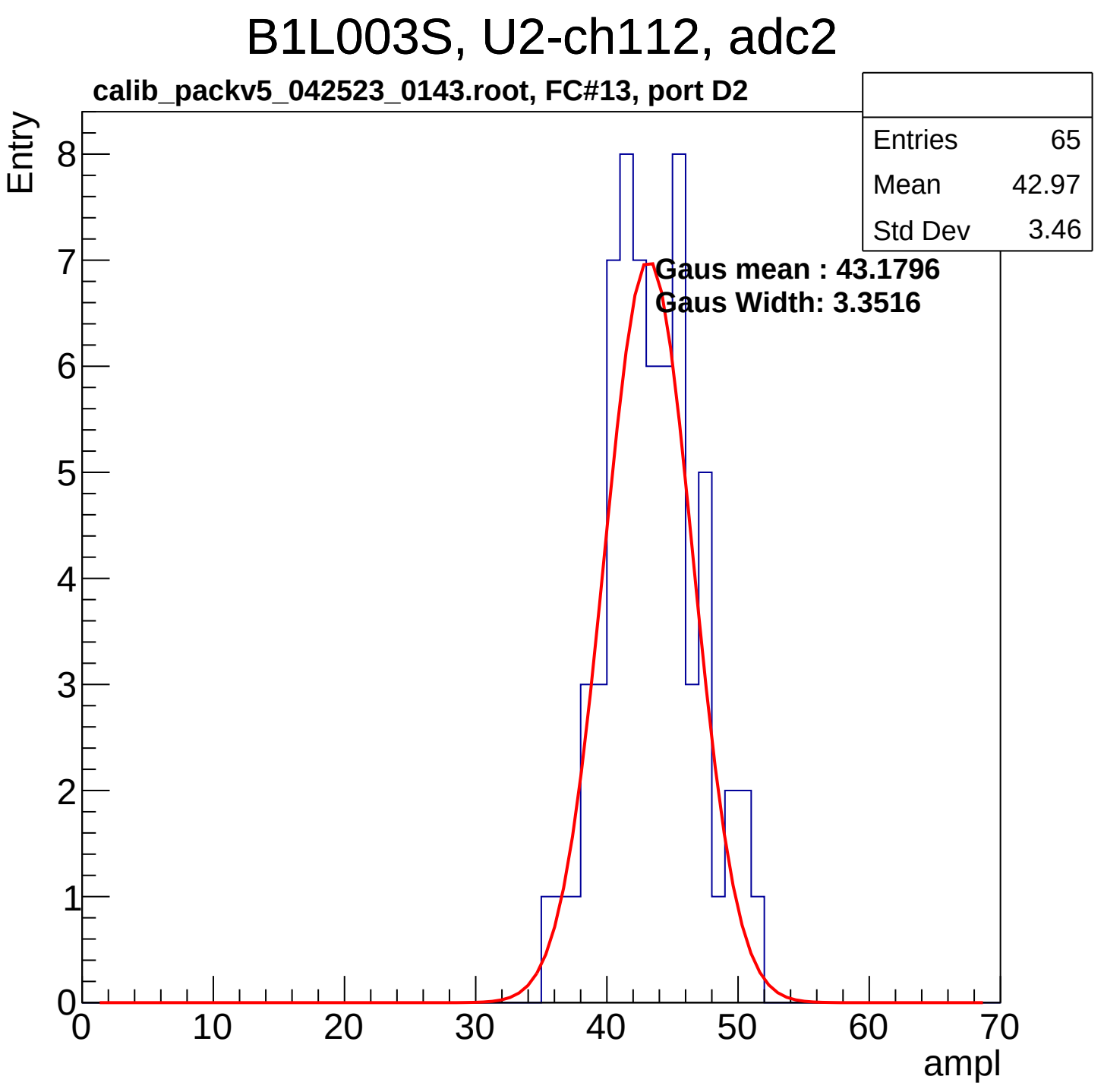
B1L003S, U2-ch112, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 42.97
Std Dev 3.46
Gaus mean : 43.1796
Gaus Width: 3.3516
Entry
ampl
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1
2
3
4
5
6
7
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0
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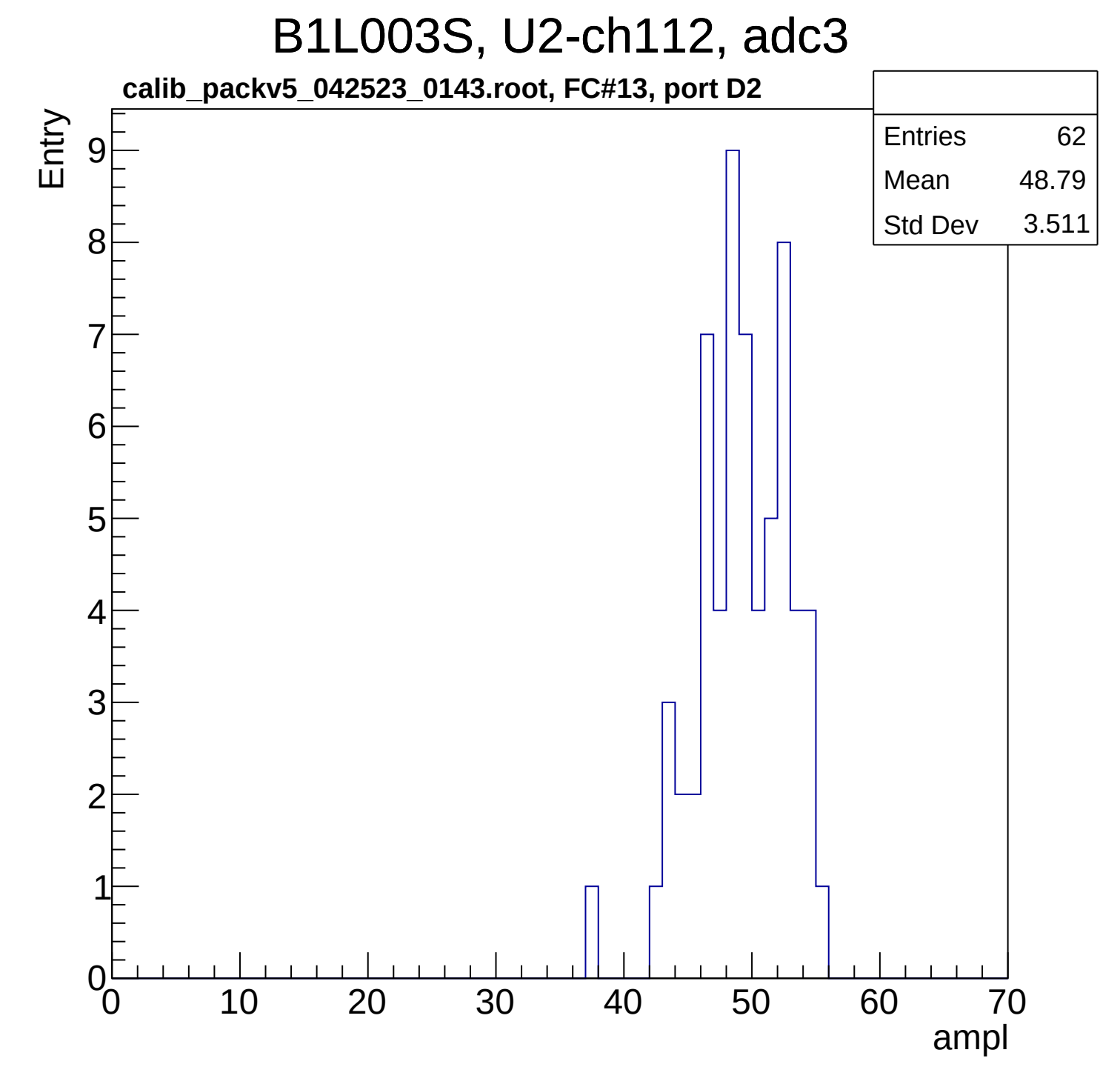
B1L003S, U2-ch112, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 48.79
Std Dev 3.511
Entry
ampl
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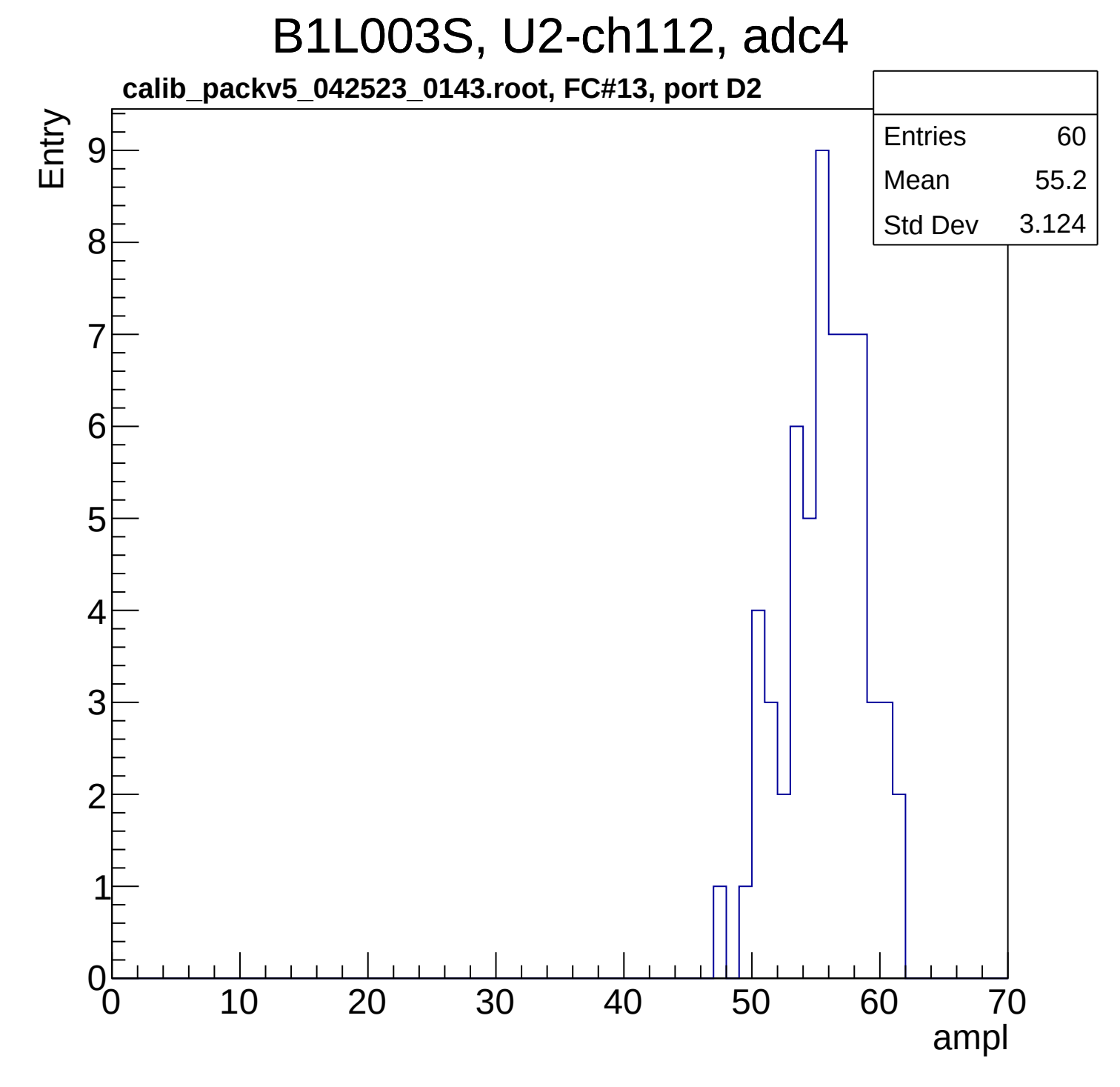
B1L003S, U2-ch112, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 55.2
Std Dev 3.124
Entry
ampl
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3
4
5
6
7
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0
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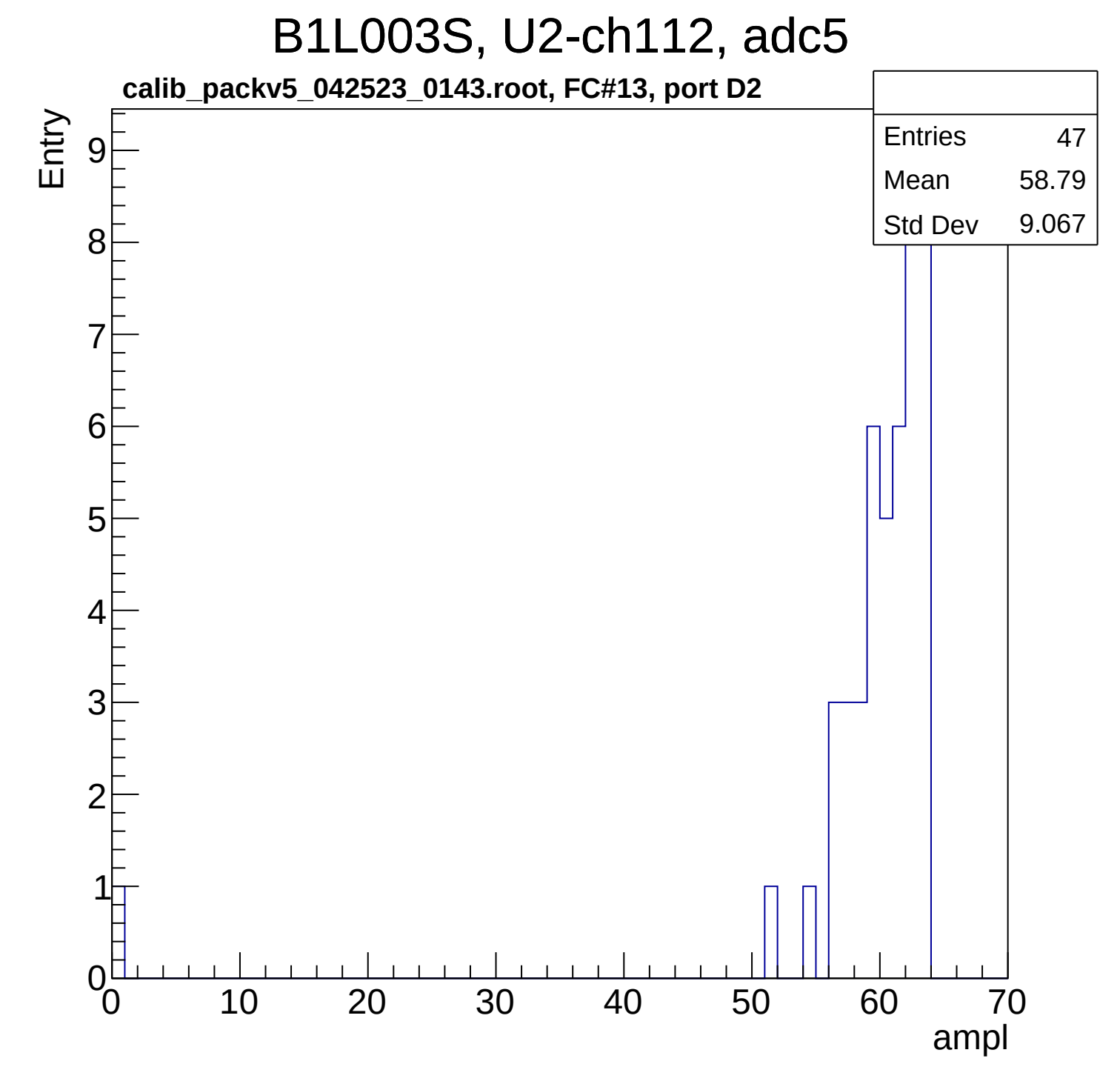
B1L003S, U2-ch112, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.79
Std Dev 9.067
Entry
ampl
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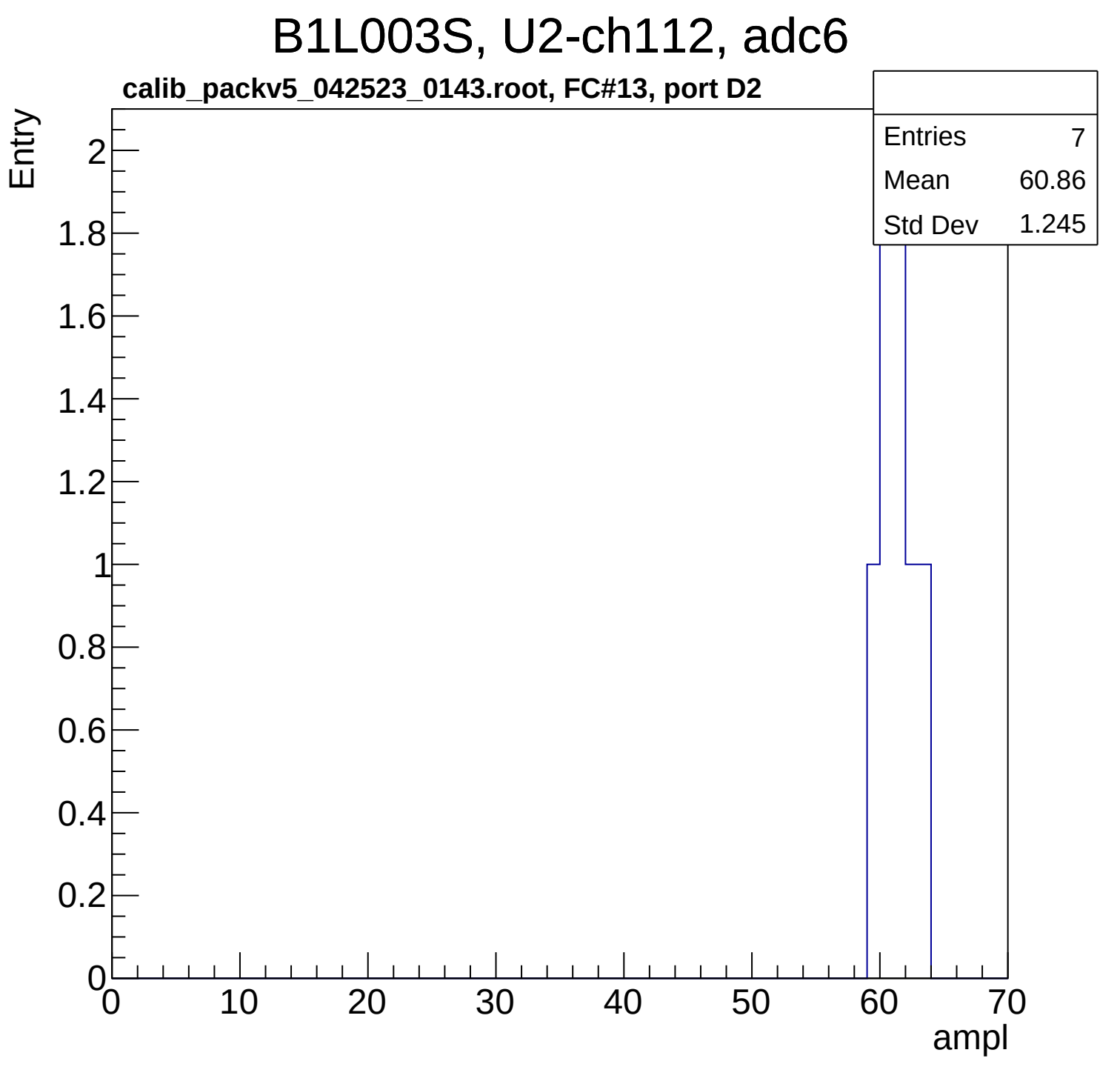
B1L003S, U2-ch112, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 60.86
Std Dev 1.245
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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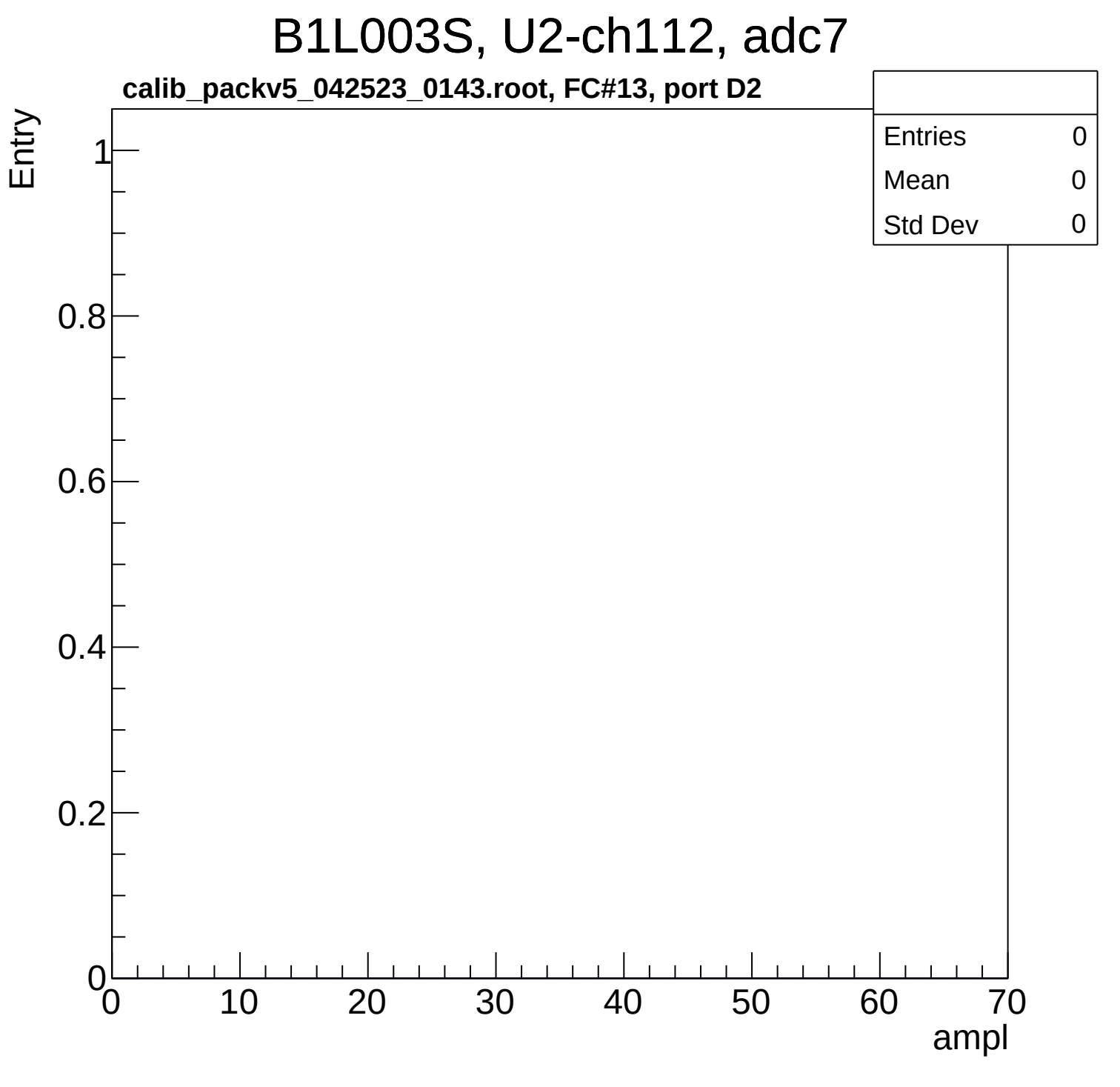
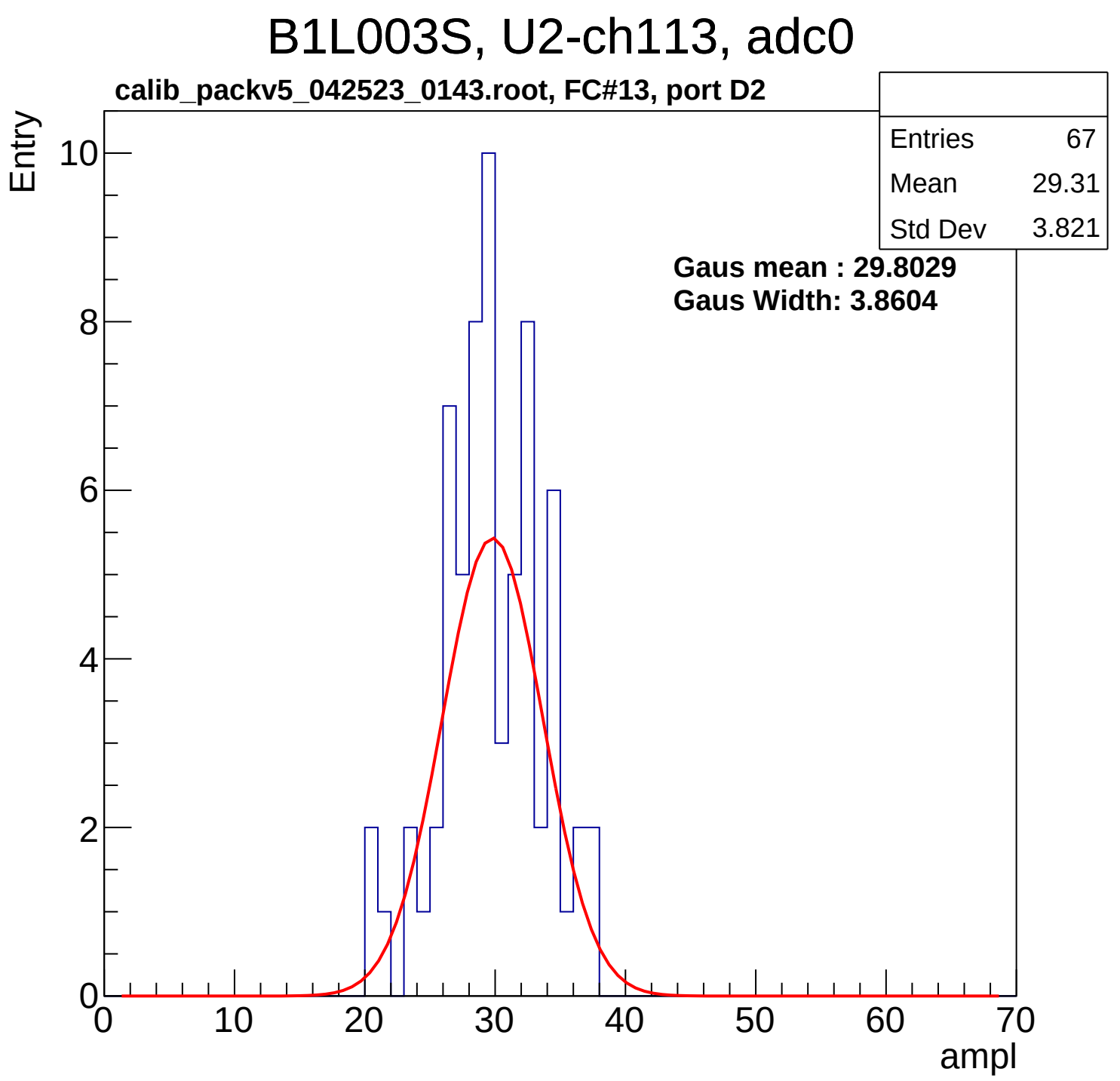

B1L003S, U2-ch112, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch113, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 29.31
Std Dev 3.821
Gaus mean : 29.8029
Gaus Width: 3.8604
Entry
ampl
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4
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0
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40
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60
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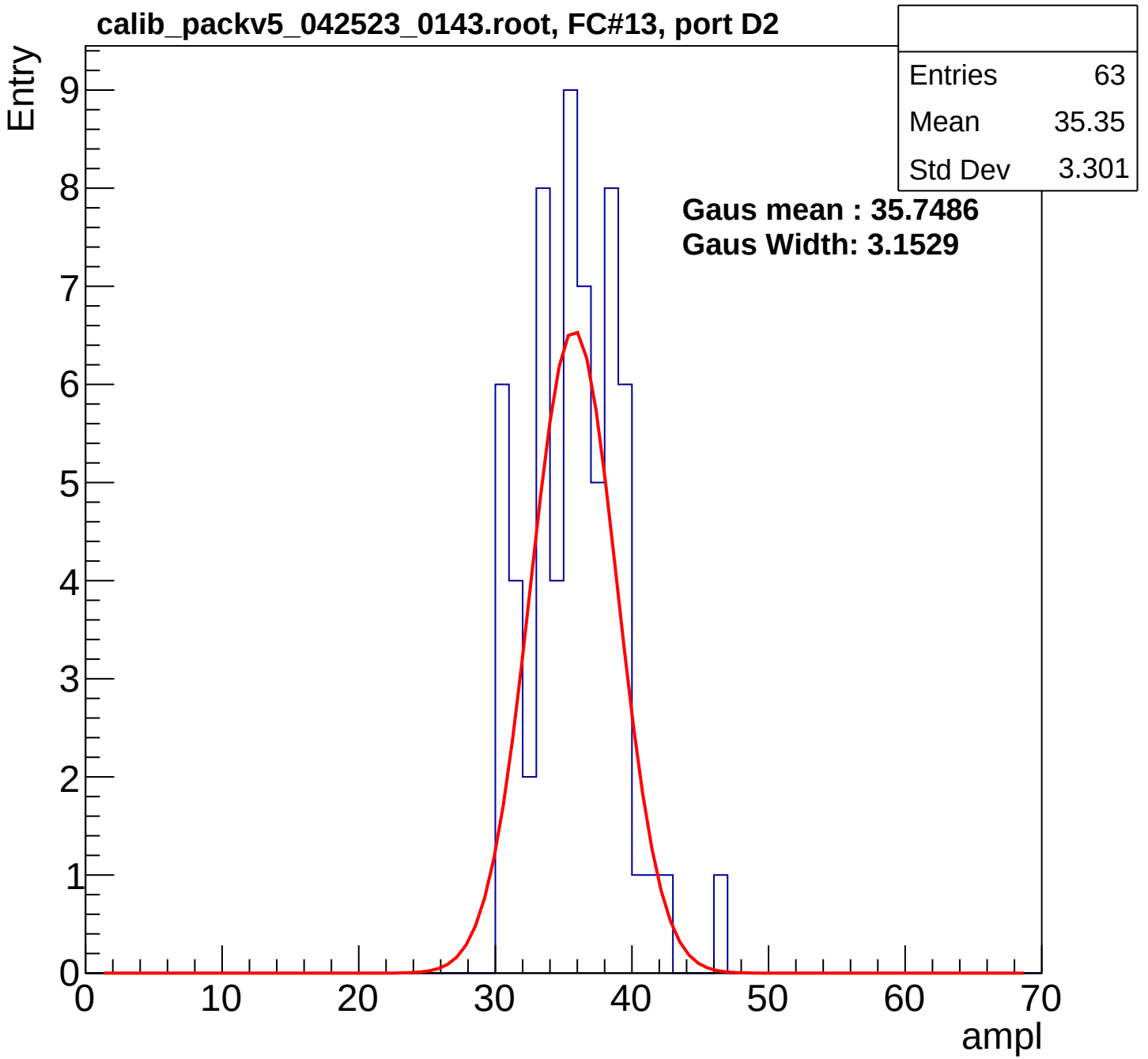
B1L003S, U2-ch113, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 35.35
Std Dev 3.301
Gaus mean : 35.7486
Gaus Width: 3.1529
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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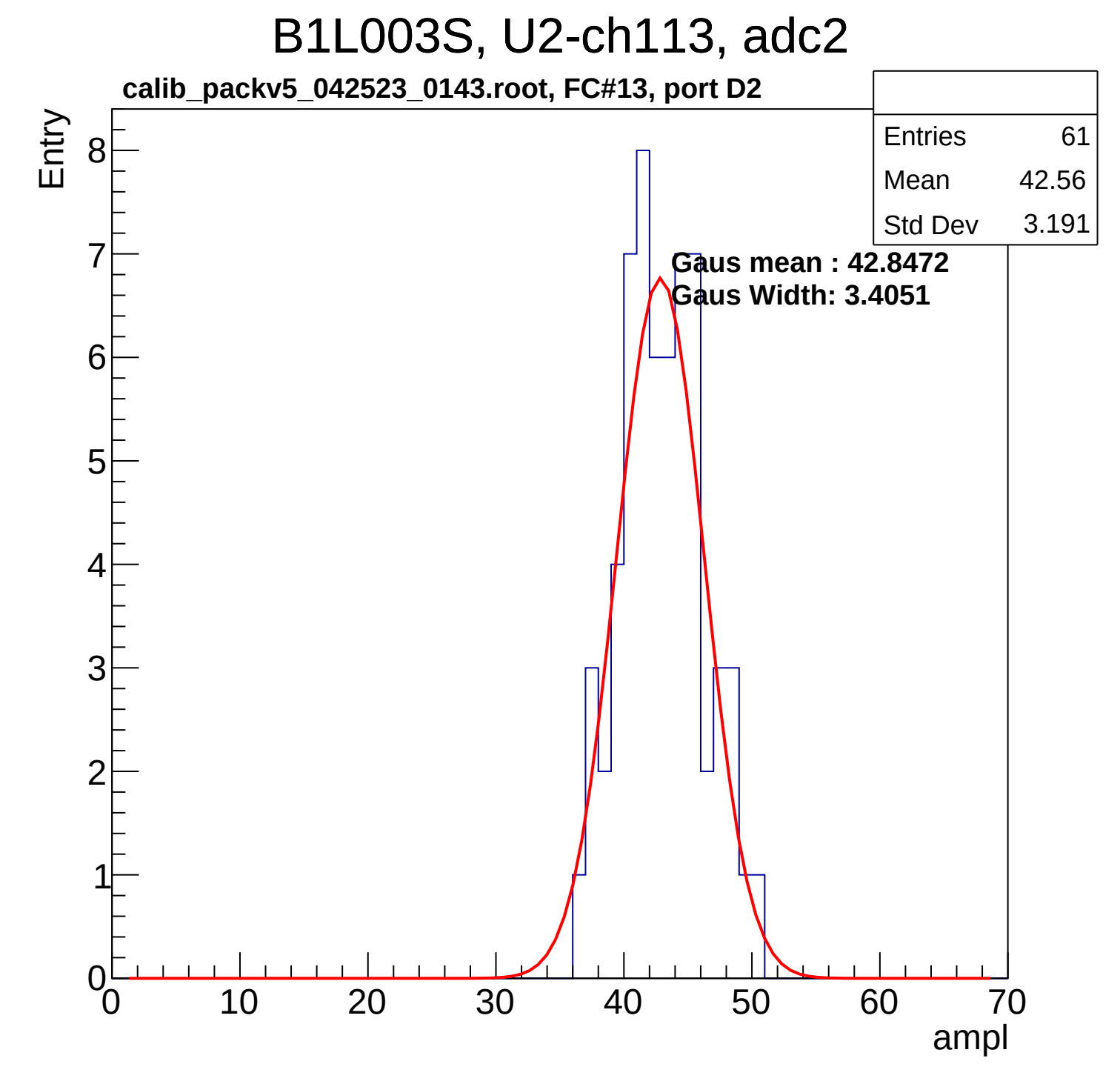
B1L003S, U2-ch113, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 42.56
Std Dev 3.191
Gaus mean : 42.8472
Gaus Width: 3.4051
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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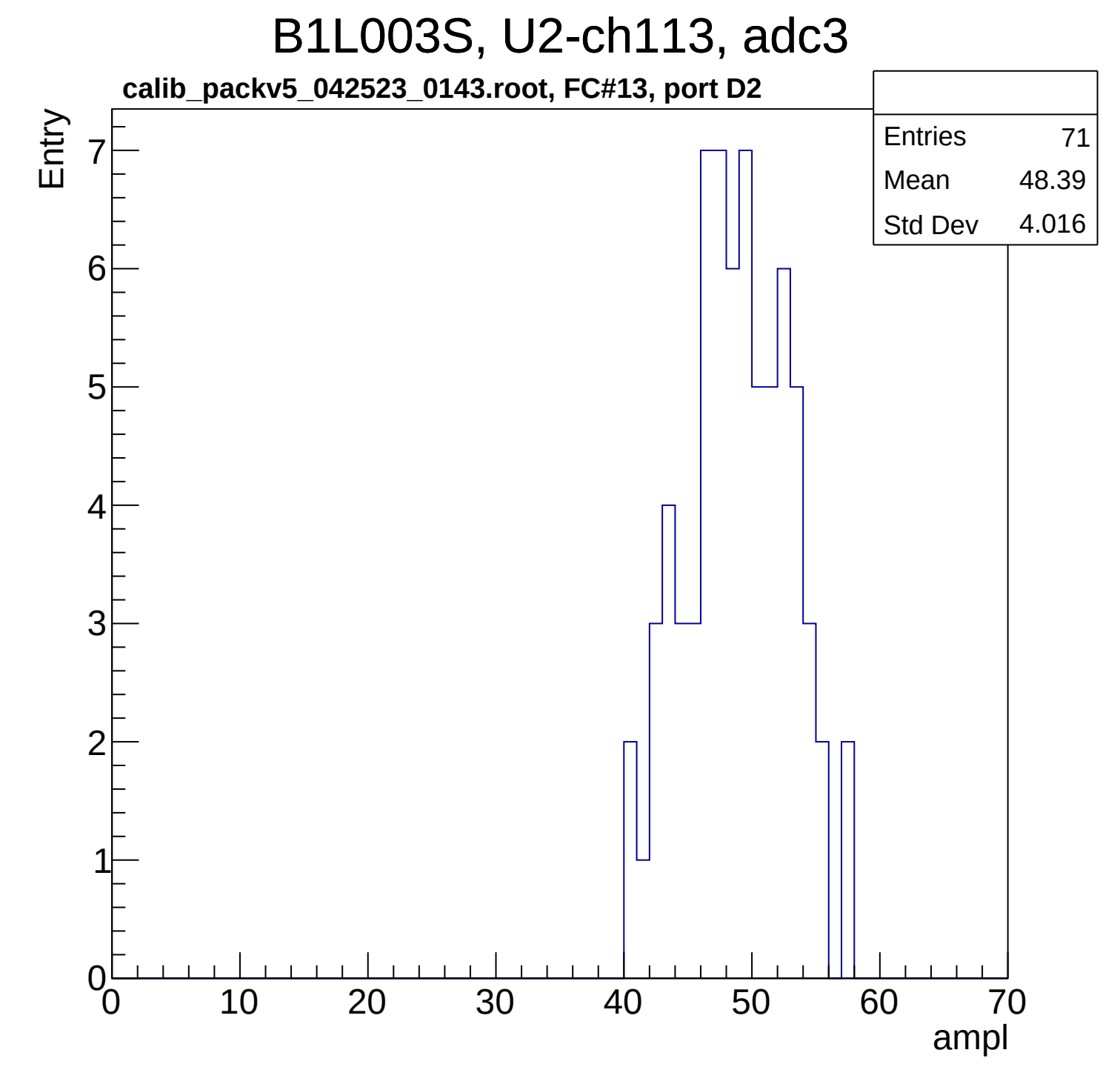
B1L003S, U2-ch113, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 48.39
Std Dev 4.016
Entry
ampl
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2
3
4
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6
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0
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60
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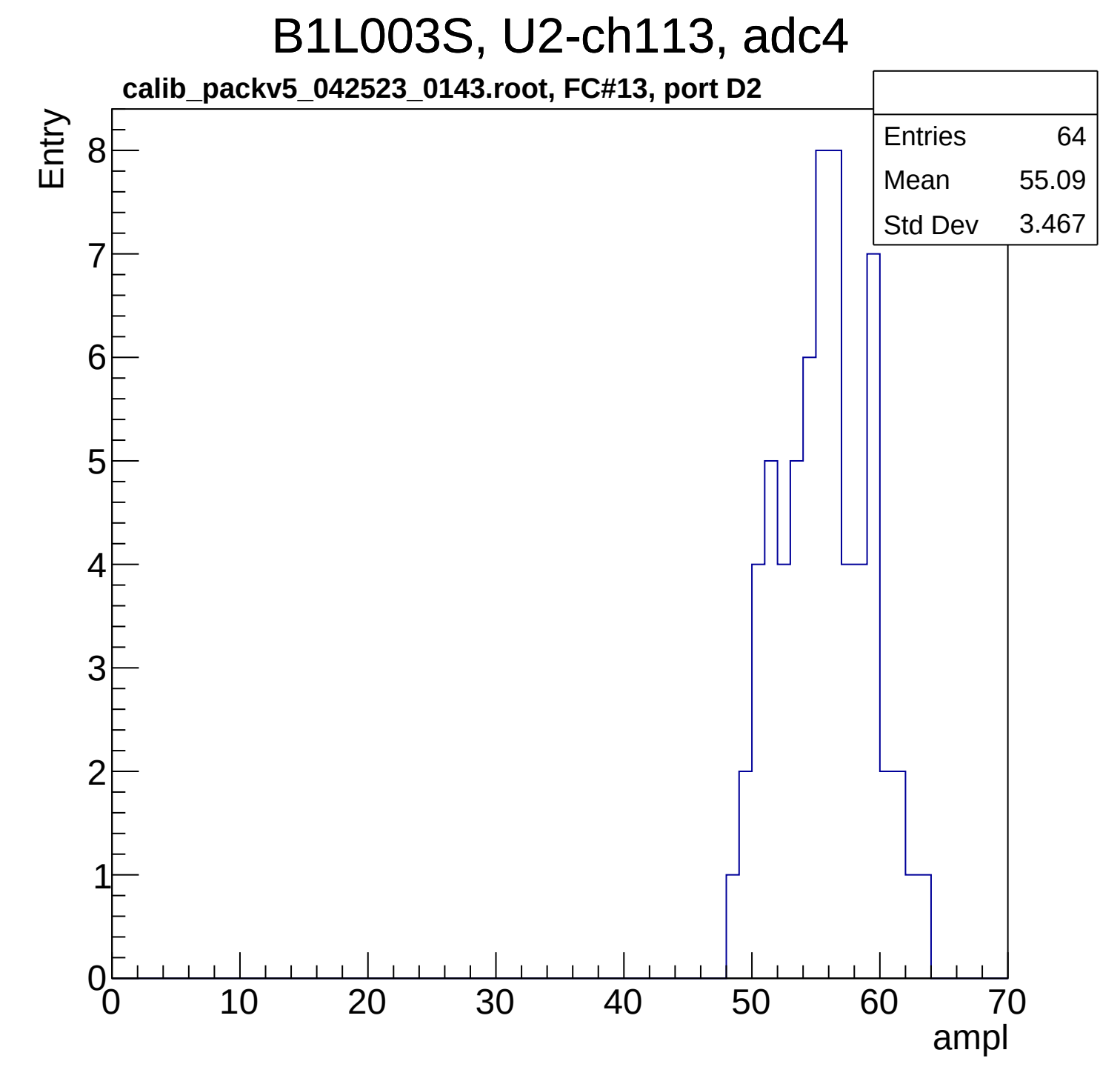
B1L003S, U2-ch113, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 55.09
Std Dev 3.467
Entry
ampl
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4
5
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0
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40
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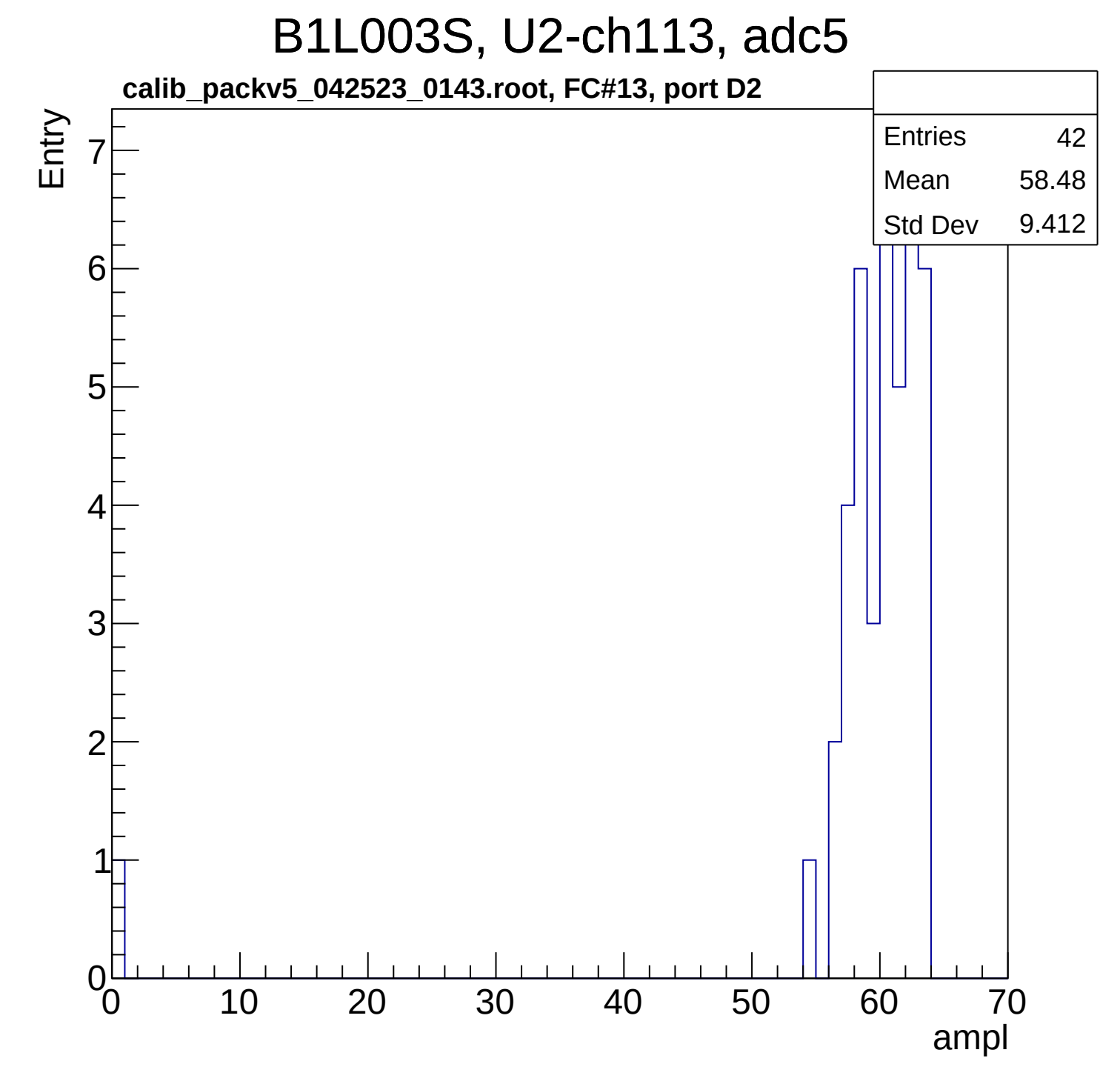
B1L003S, U2-ch113, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 58.48
Std Dev 9.412
Entry
ampl
0
1
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40
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60
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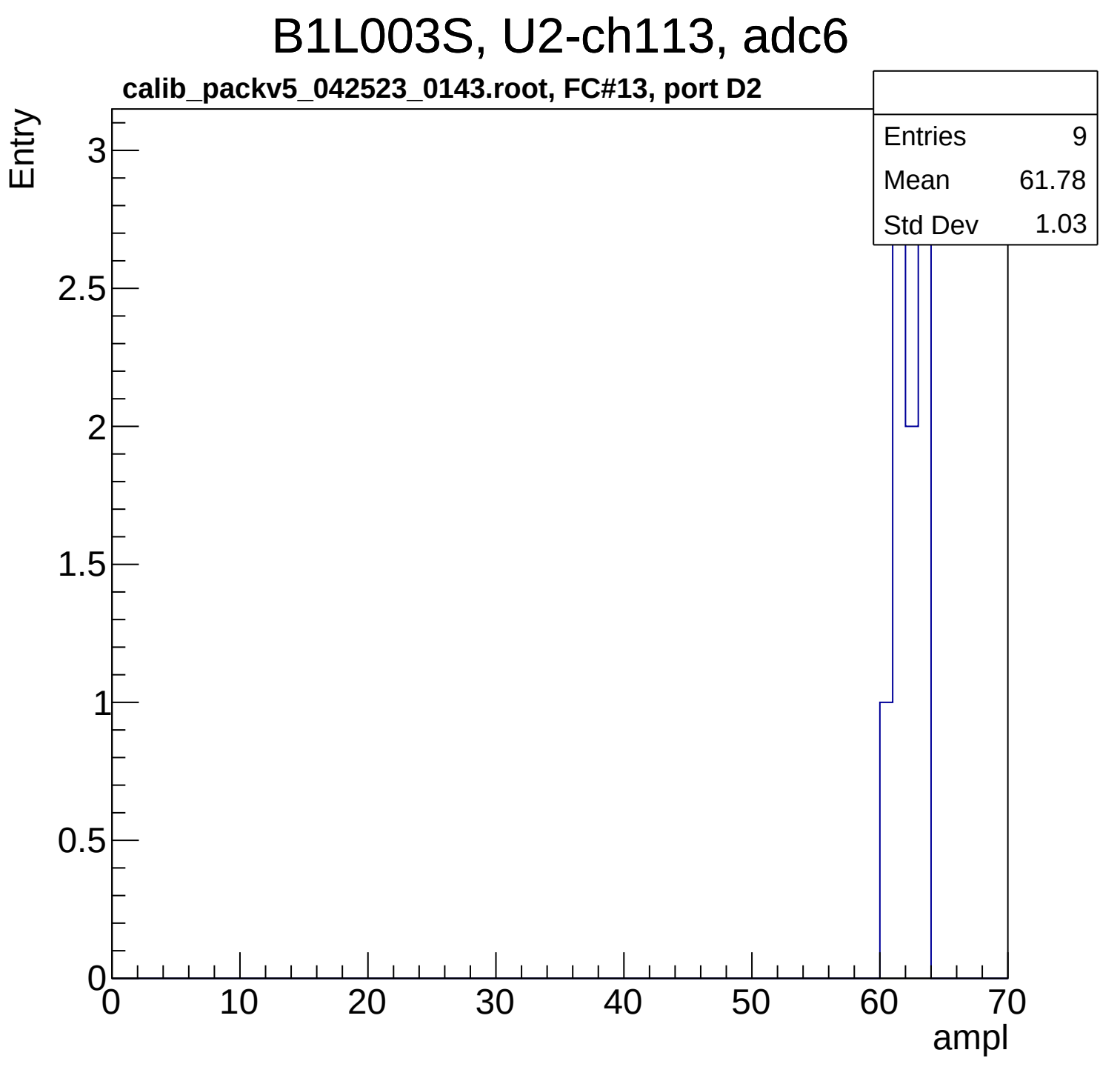
B1L003S, U2-ch113, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.78
Std Dev 1.03
Entry
ampl
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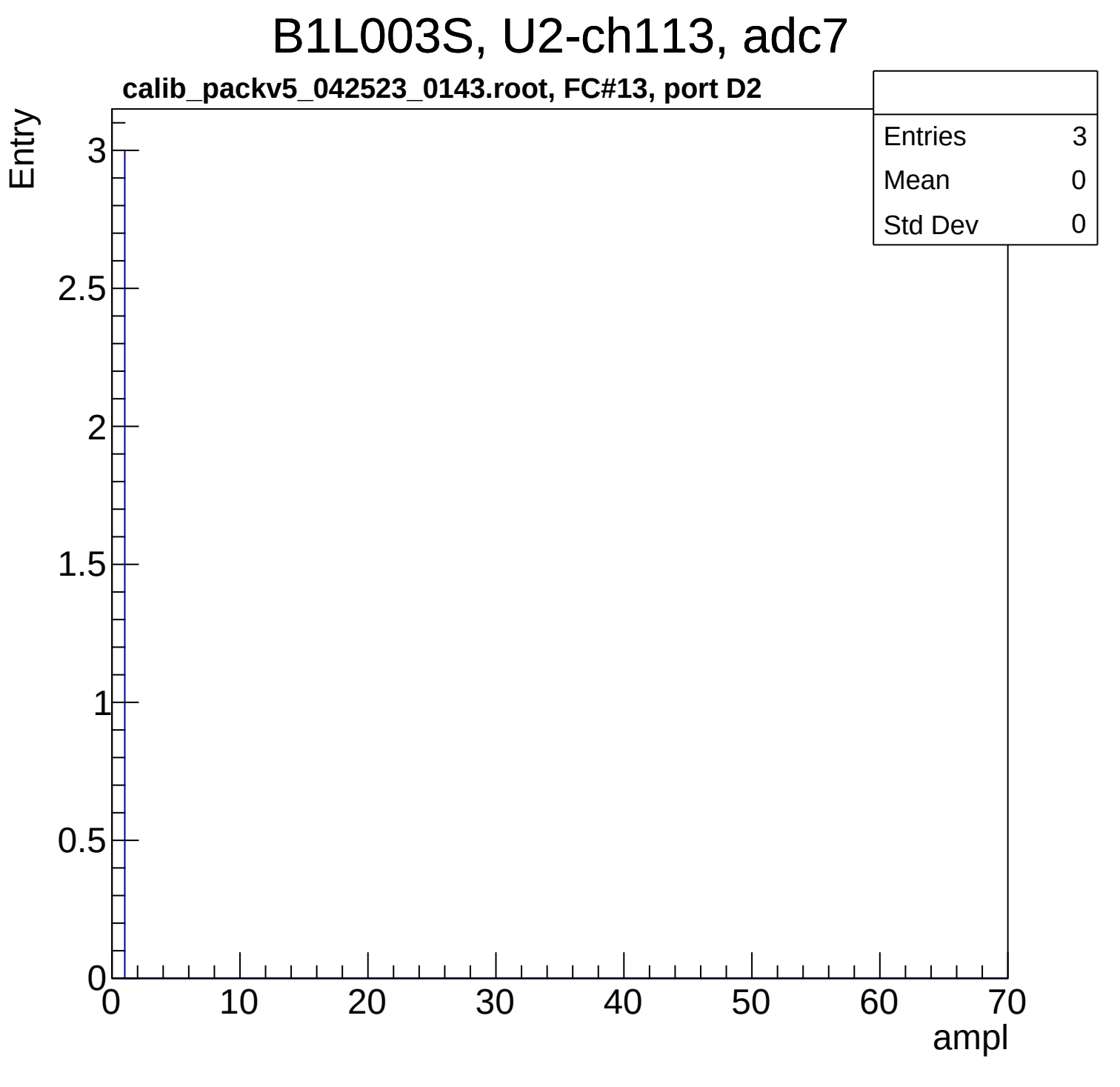
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch113, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 0
Std Dev 0
Entry
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0.5
1
1.5
2
2.5
3
0
10
20
30
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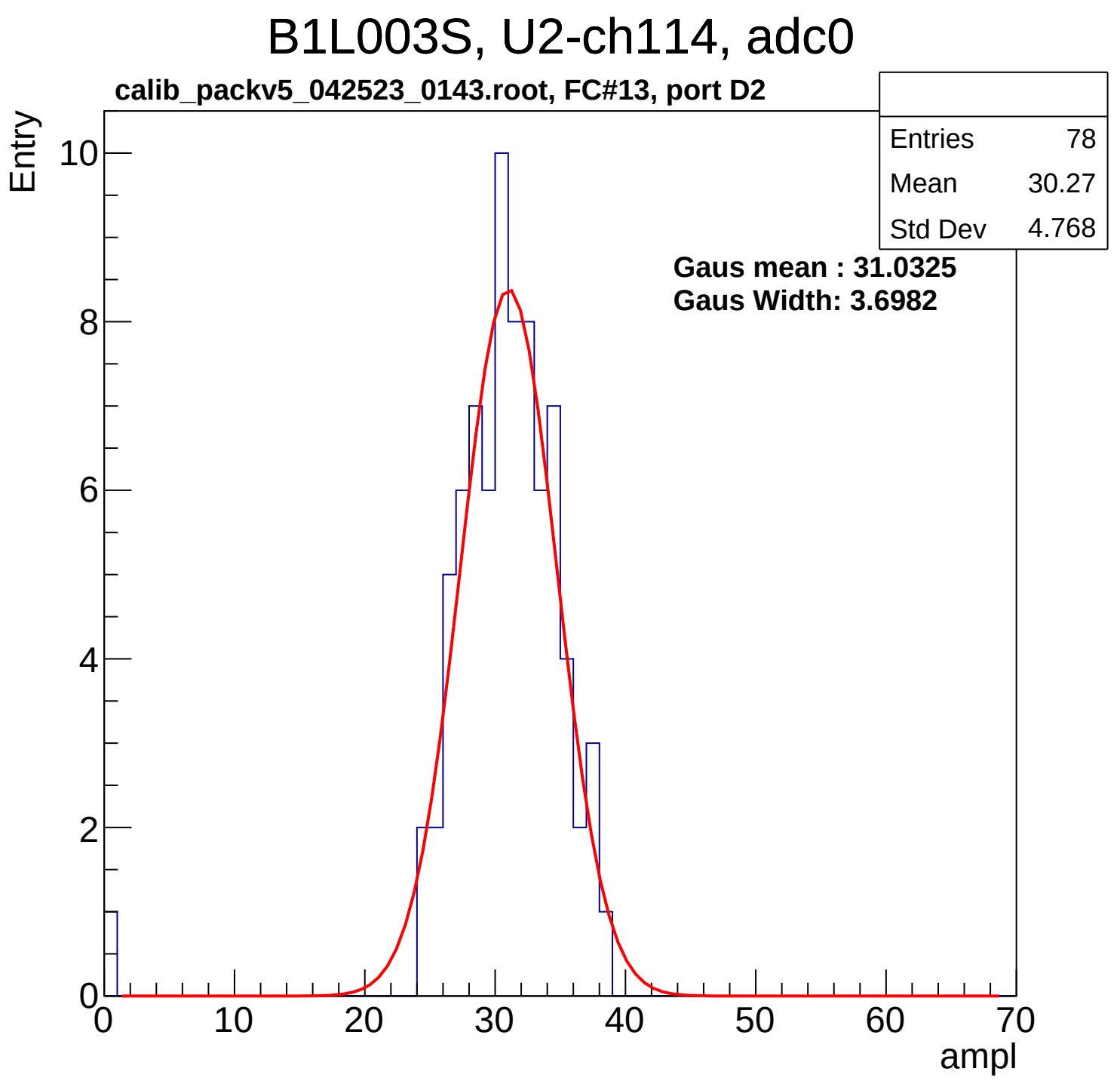
50
60
70
ampl


B1L003S, U2-ch114, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 30.27
Std Dev 4.768
Gaus mean : 31.0325
Gaus Width: 3.6982
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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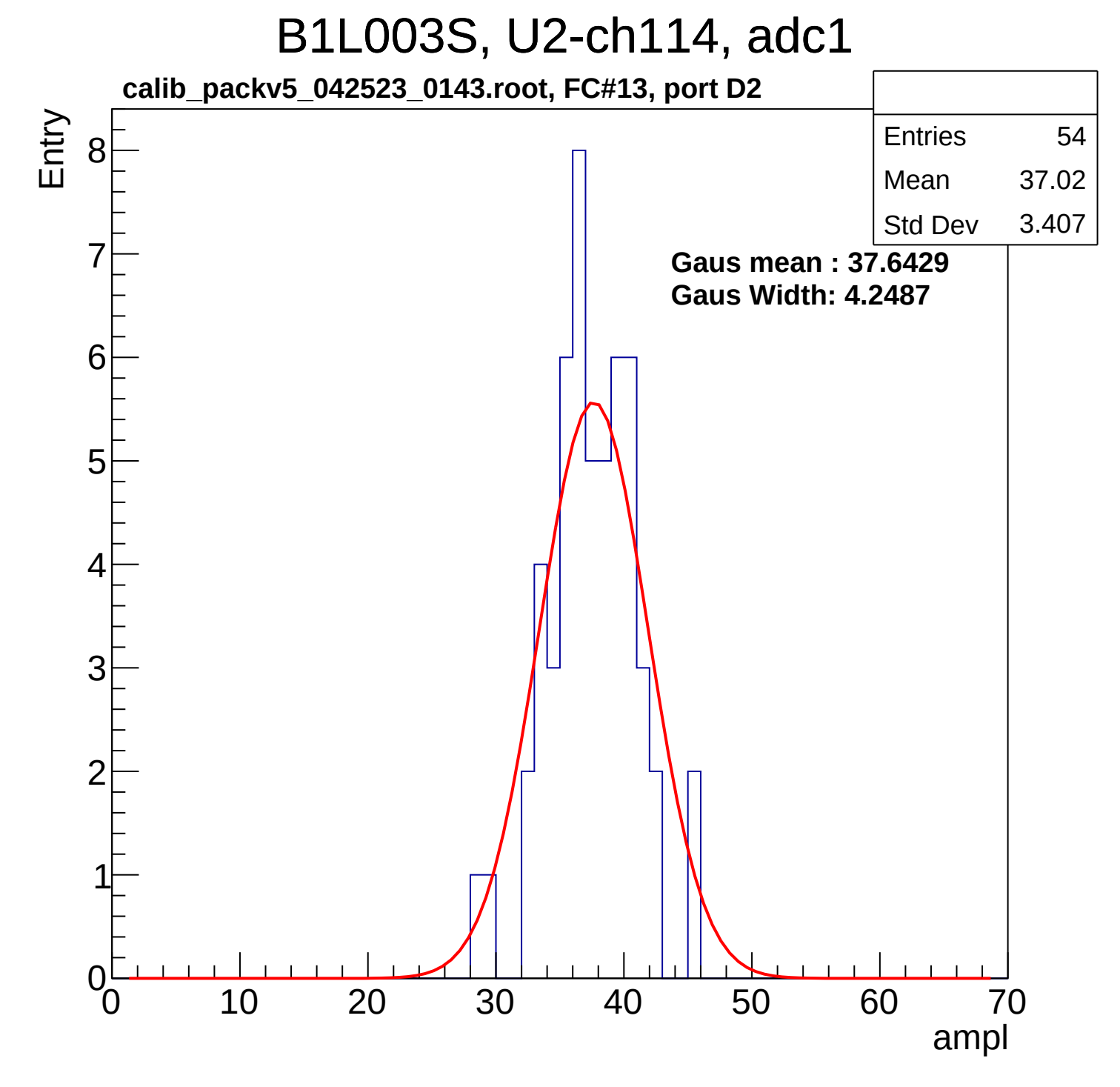
B1L003S, U2-ch114, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 37.02
Std Dev 3.407
Gaus mean : 37.6429
Gaus Width: 4.2487
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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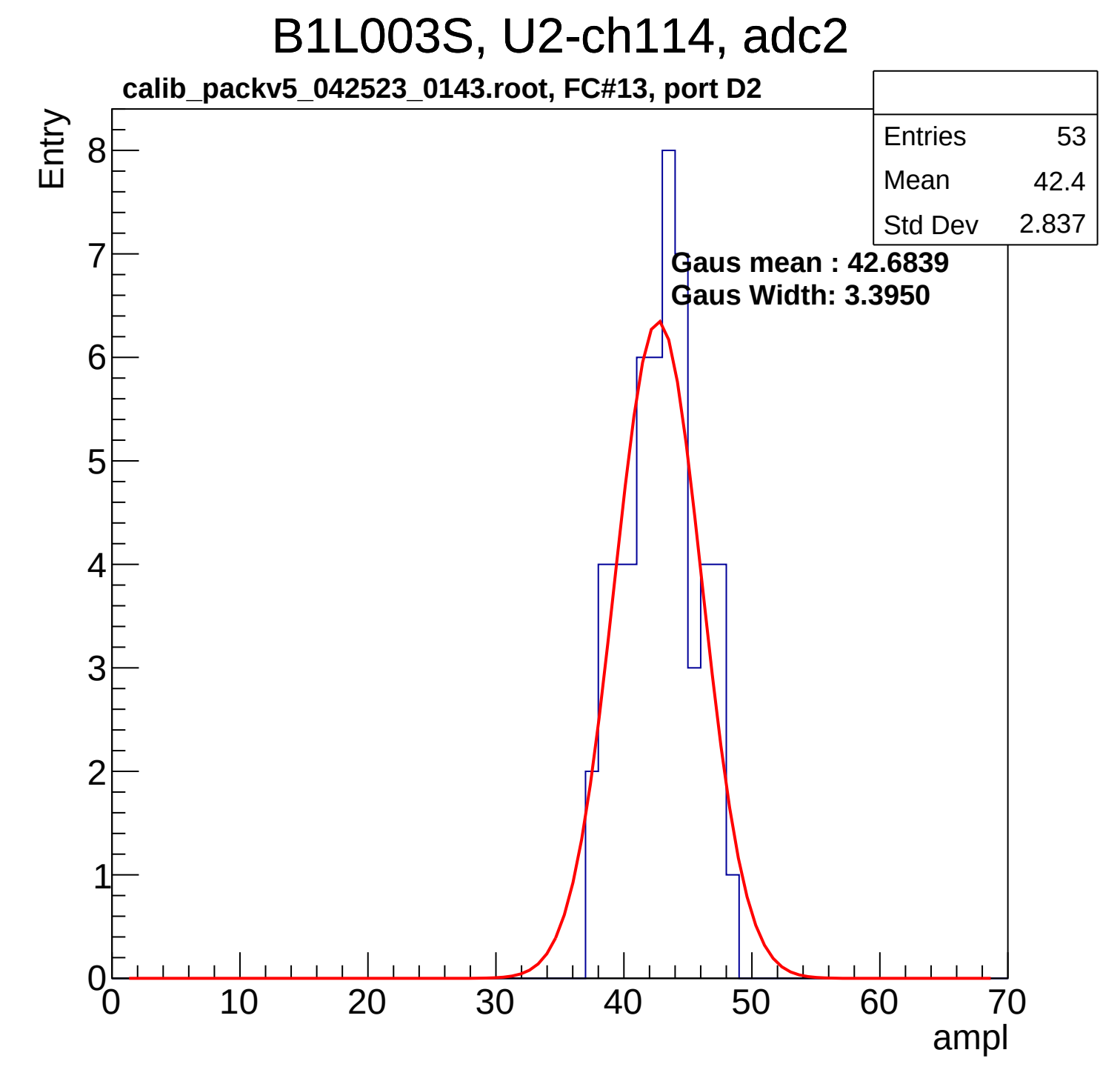
B1L003S, U2-ch114, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 42.4
Std Dev 2.837
Gaus mean : 42.6839
Gaus Width: 3.3950
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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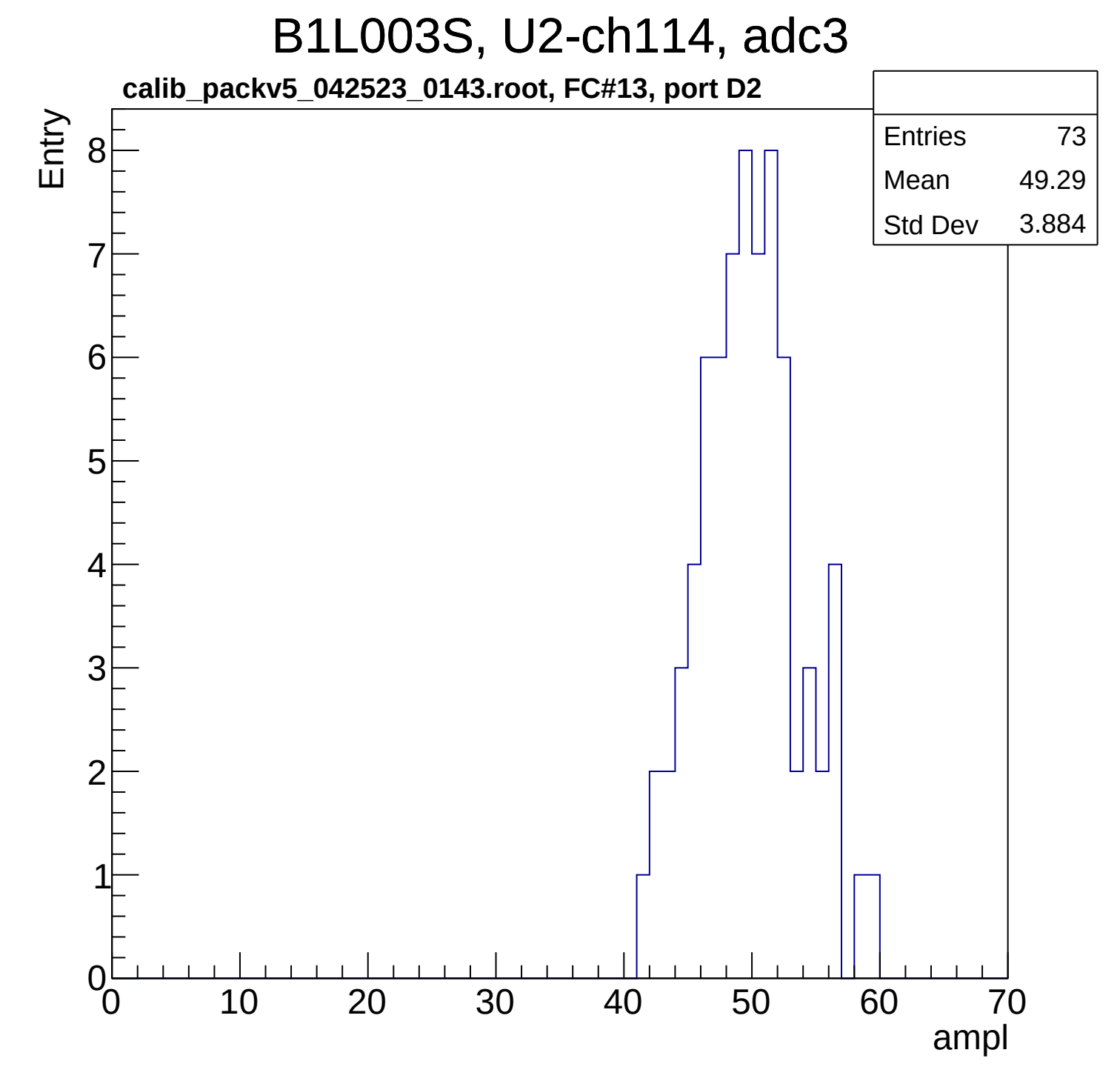
B1L003S, U2-ch114, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 49.29
Std Dev 3.884
Entry
ampl
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1
2
3
4
5
6
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0
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60
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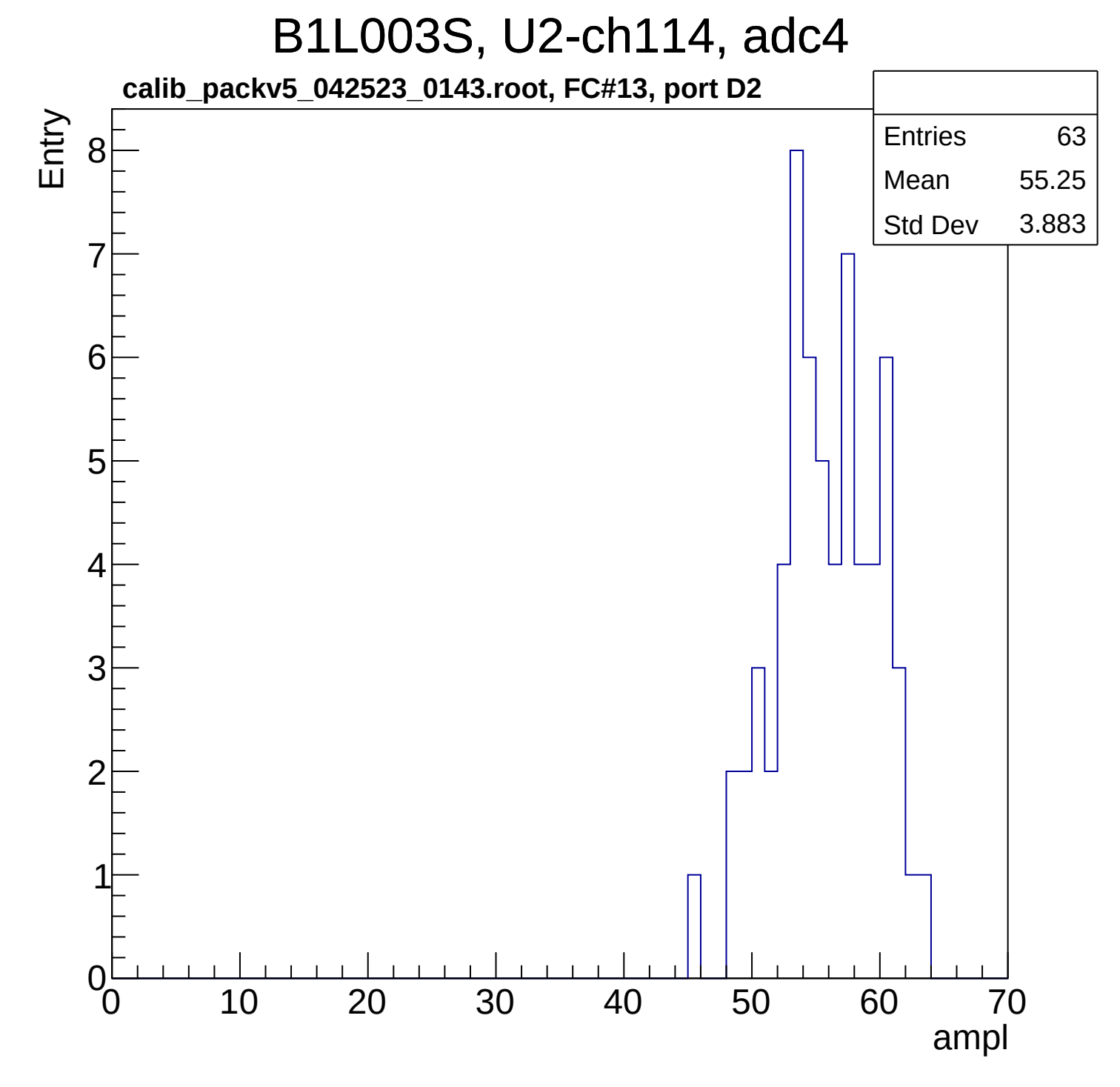
B1L003S, U2-ch114, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 55.25
Std Dev 3.883
Entry
ampl
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2
3
4
5
6
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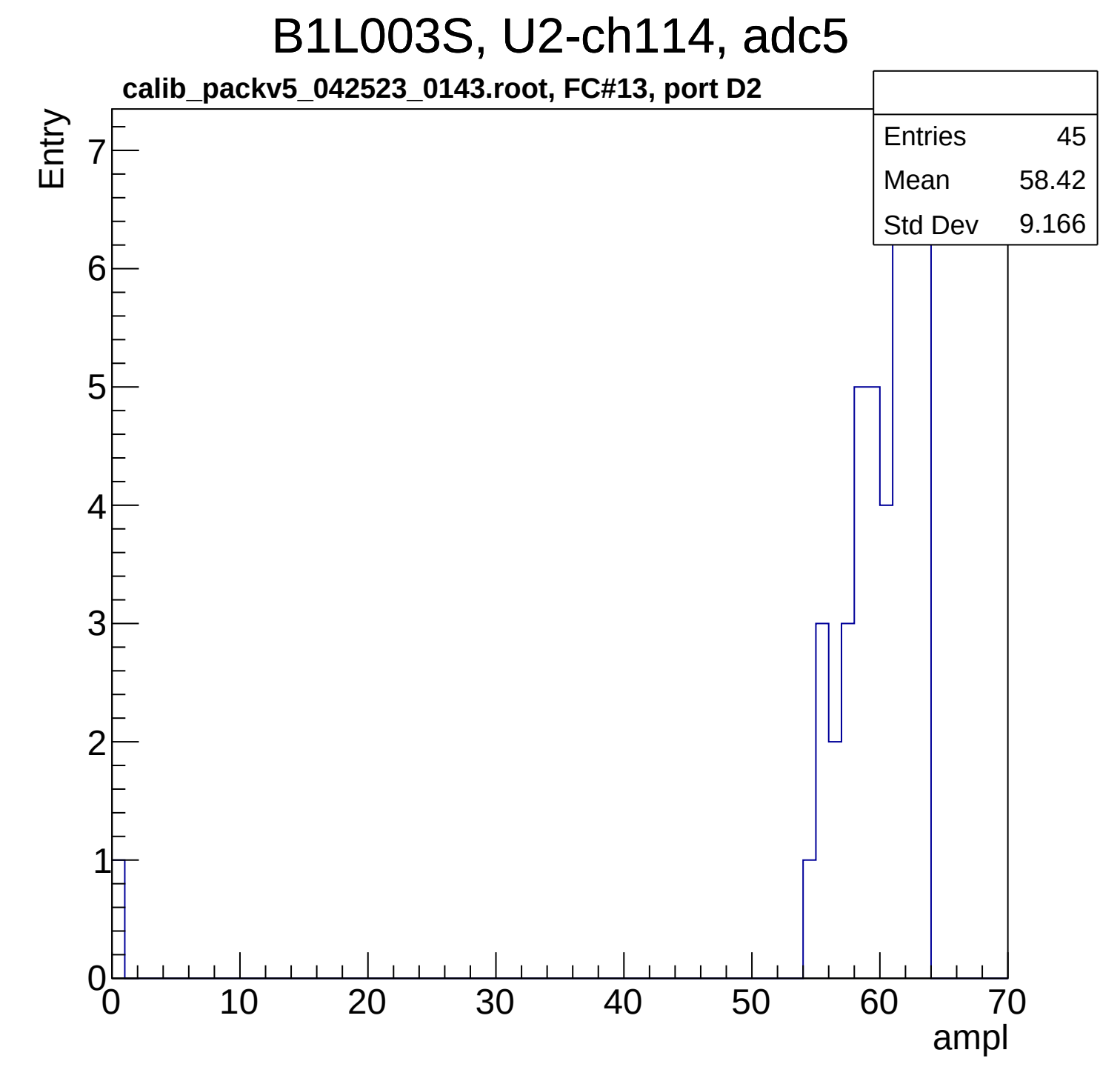
B1L003S, U2-ch114, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.42
Std Dev 9.166
Entry
ampl
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2
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4
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0
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60
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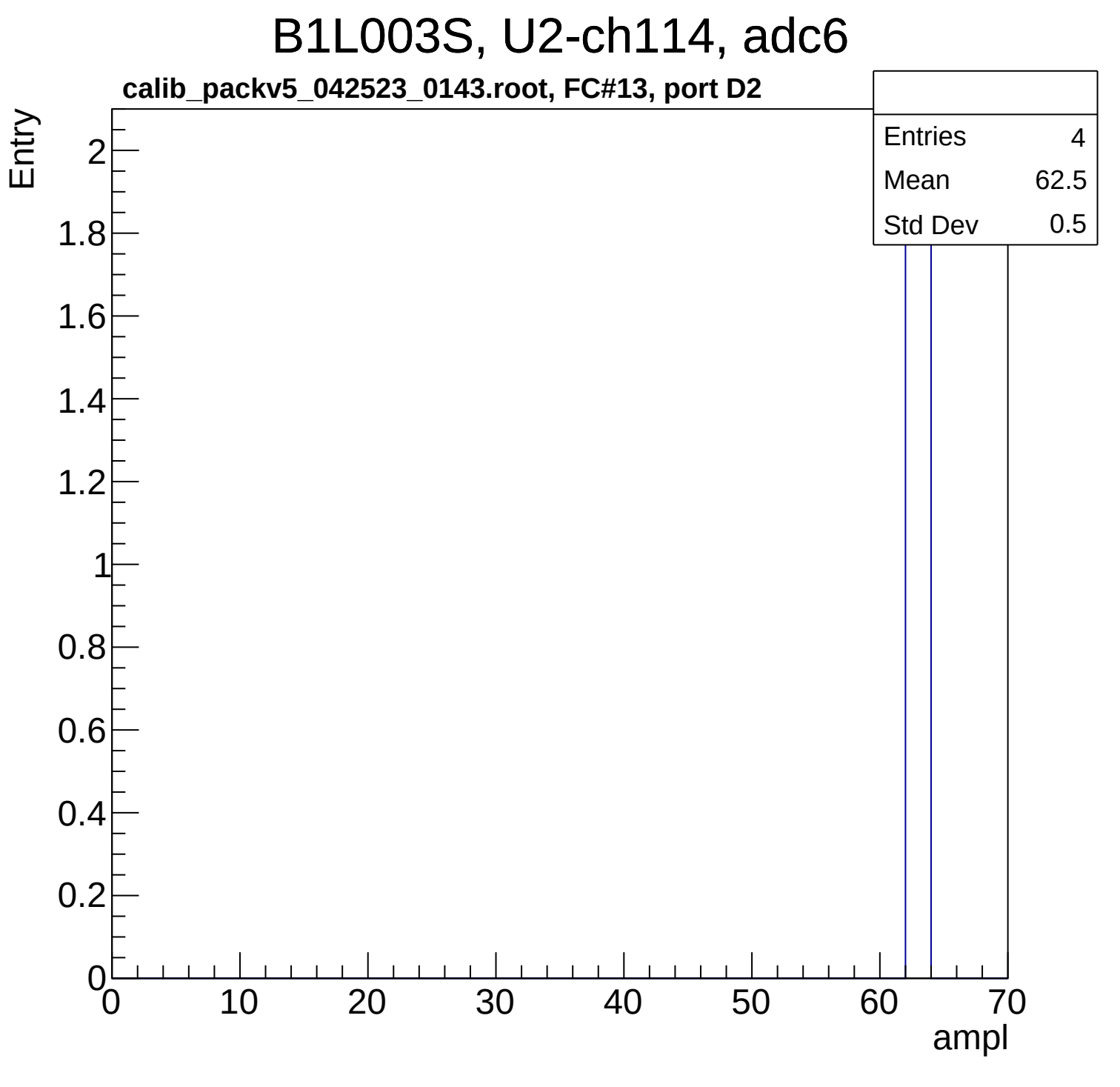
B1L003S, U2-ch114, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
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60
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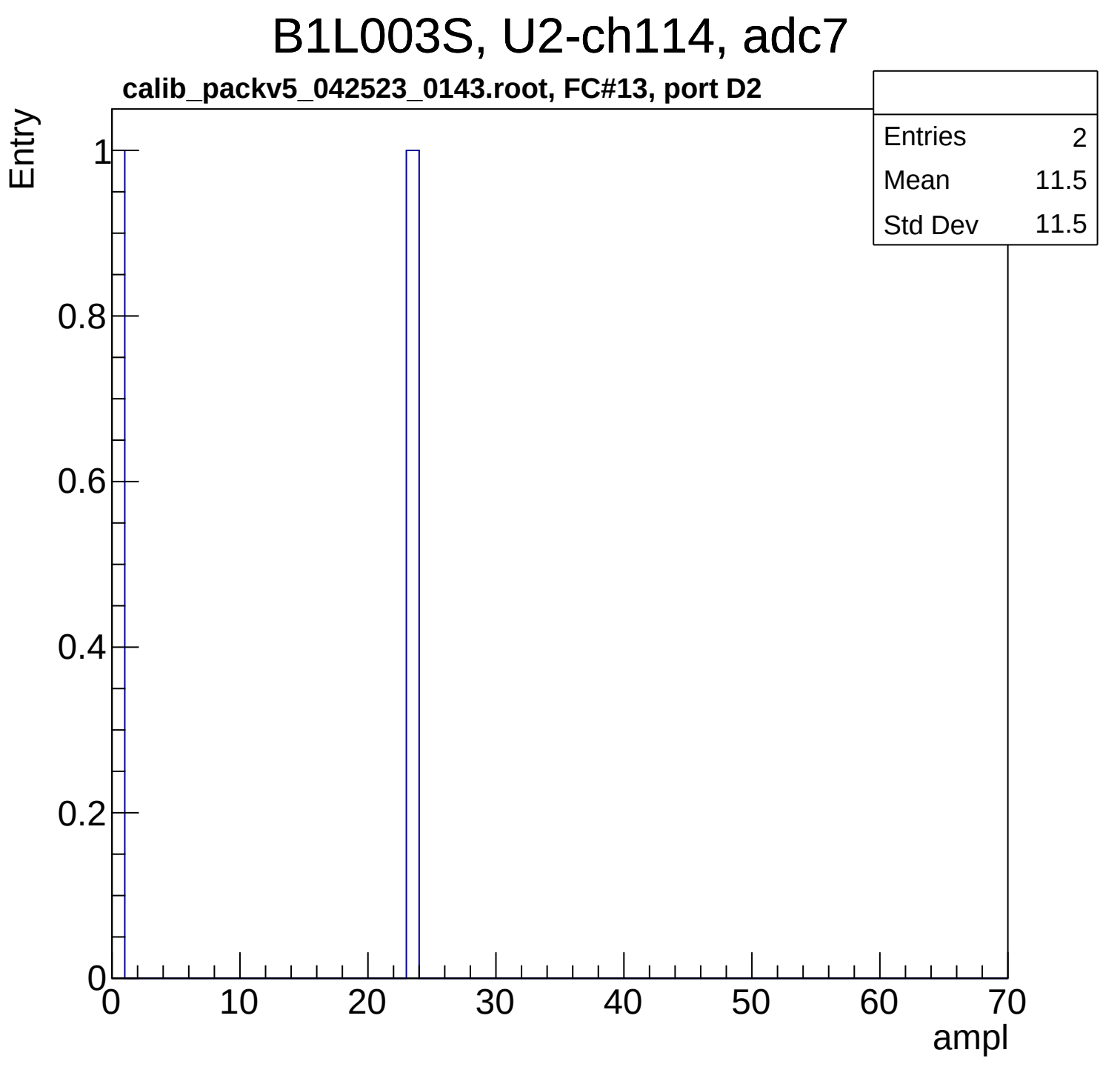
B1L003S, U2-ch114, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
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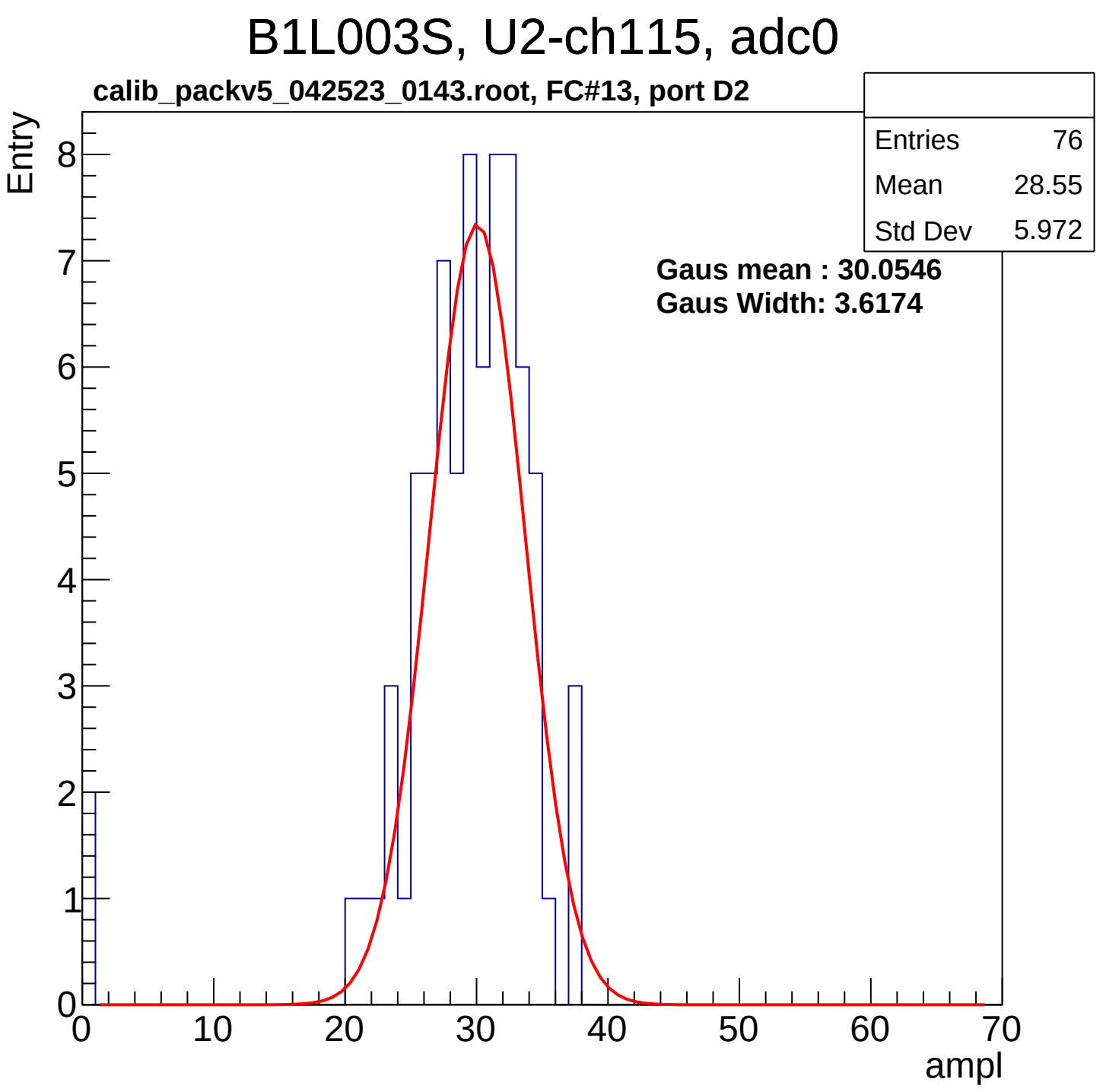
50
60
70
ampl


B1L003S, U2-ch115, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 28.55
Std Dev 5.972
Gaus mean : 30.0546
Gaus Width: 3.6174
Entry
ampl
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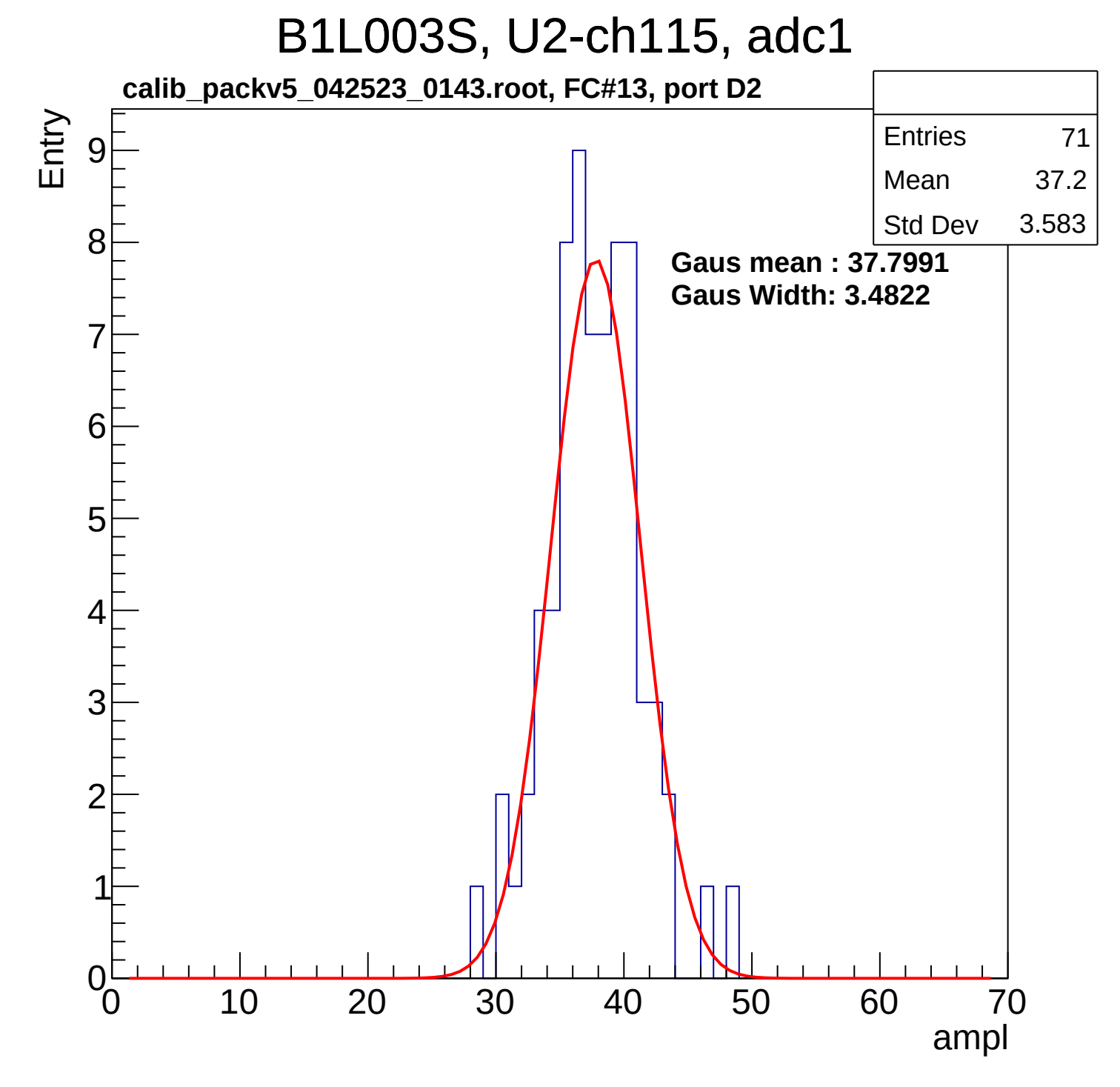
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch115, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 37.2
Std Dev 3.583
Gaus mean : 37.7991
Gaus Width: 3.4822
Entry
ampl
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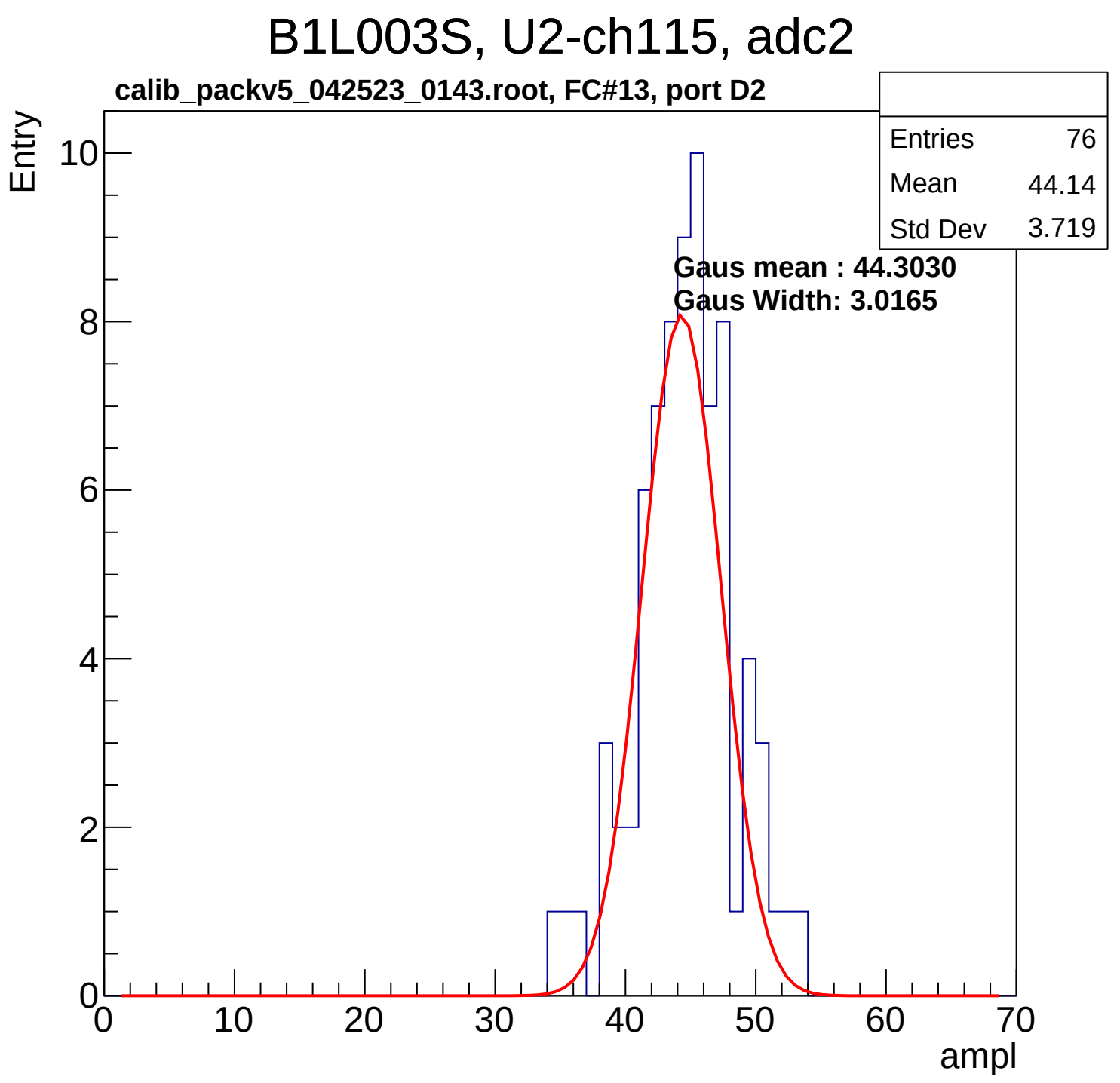
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch115, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 44.14
Std Dev 3.719
Gaus mean : 44.3030
Gaus Width: 3.0165
Entry
ampl
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2
4
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0
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60
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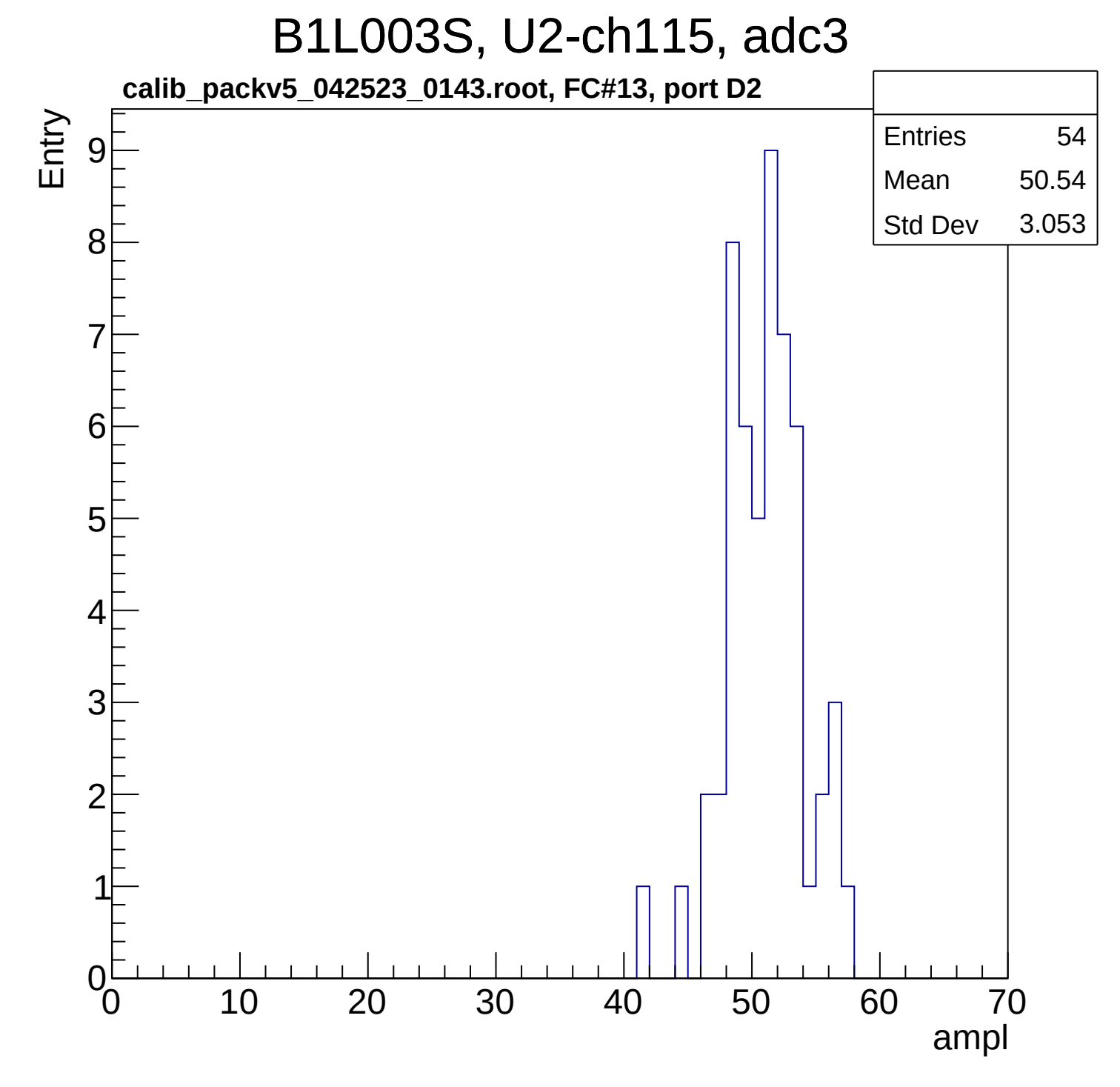
B1L003S, U2-ch115, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 50.54
Std Dev 3.053
Entry
ampl
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2
3
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6
7
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0
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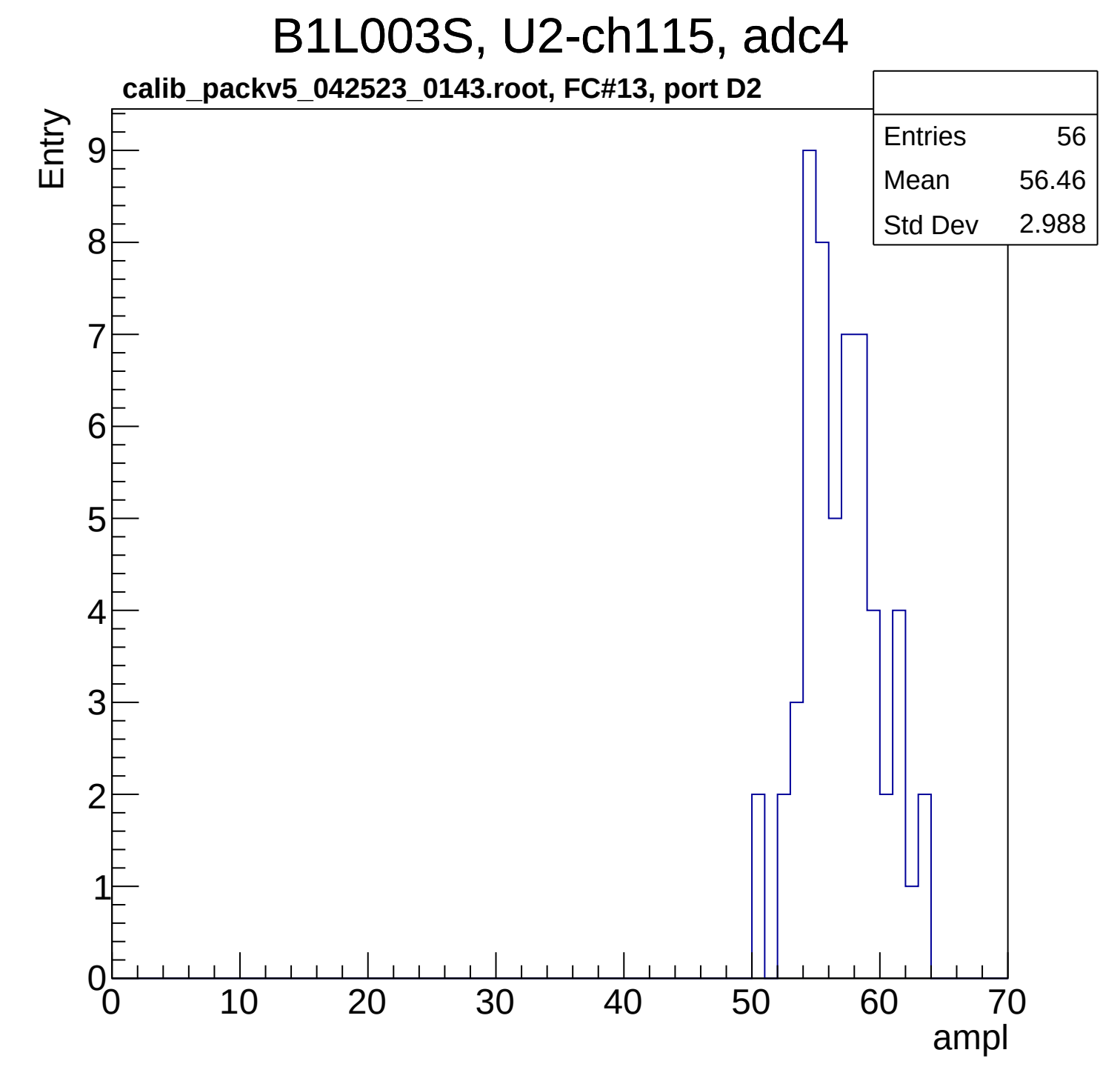
B1L003S, U2-ch115, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 56.46
Std Dev 2.988
Entry
ampl
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4
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6
7
8
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0
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60
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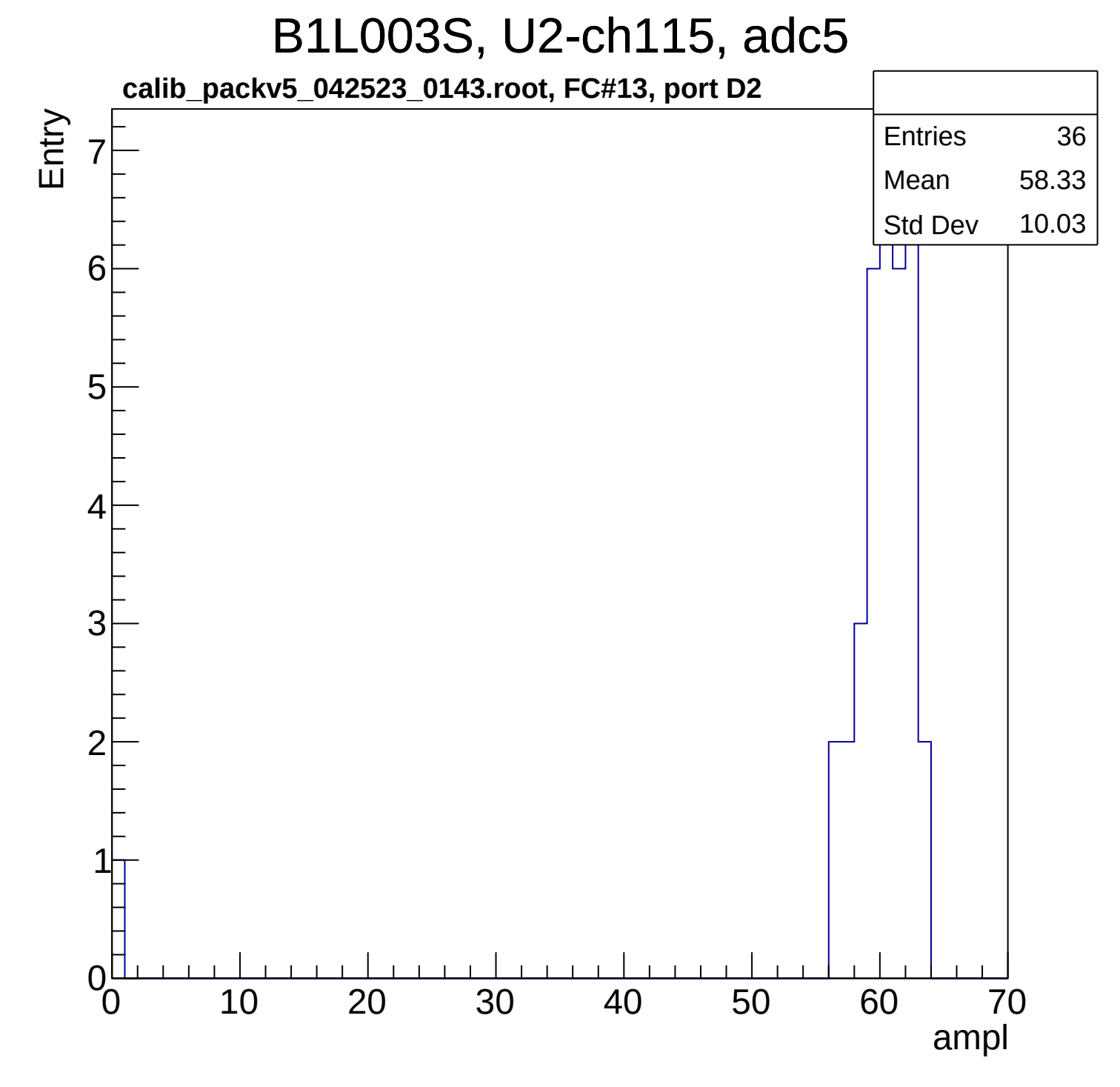
B1L003S, U2-ch115, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 58.33
Std Dev 10.03
Entry
ampl
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1
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0
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60
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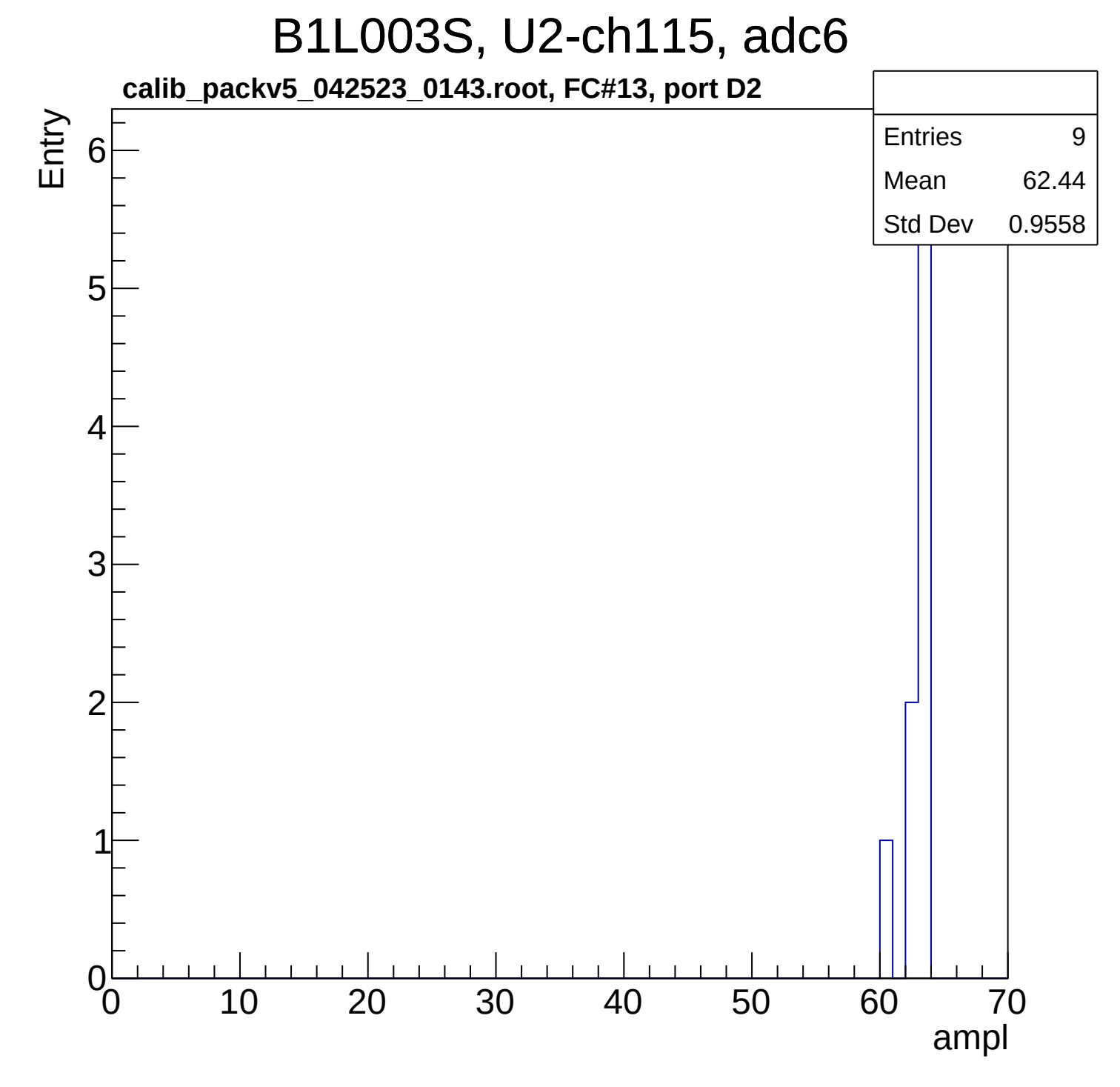
B1L003S, U2-ch115, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 62.44
Std Dev 0.9558
Entry
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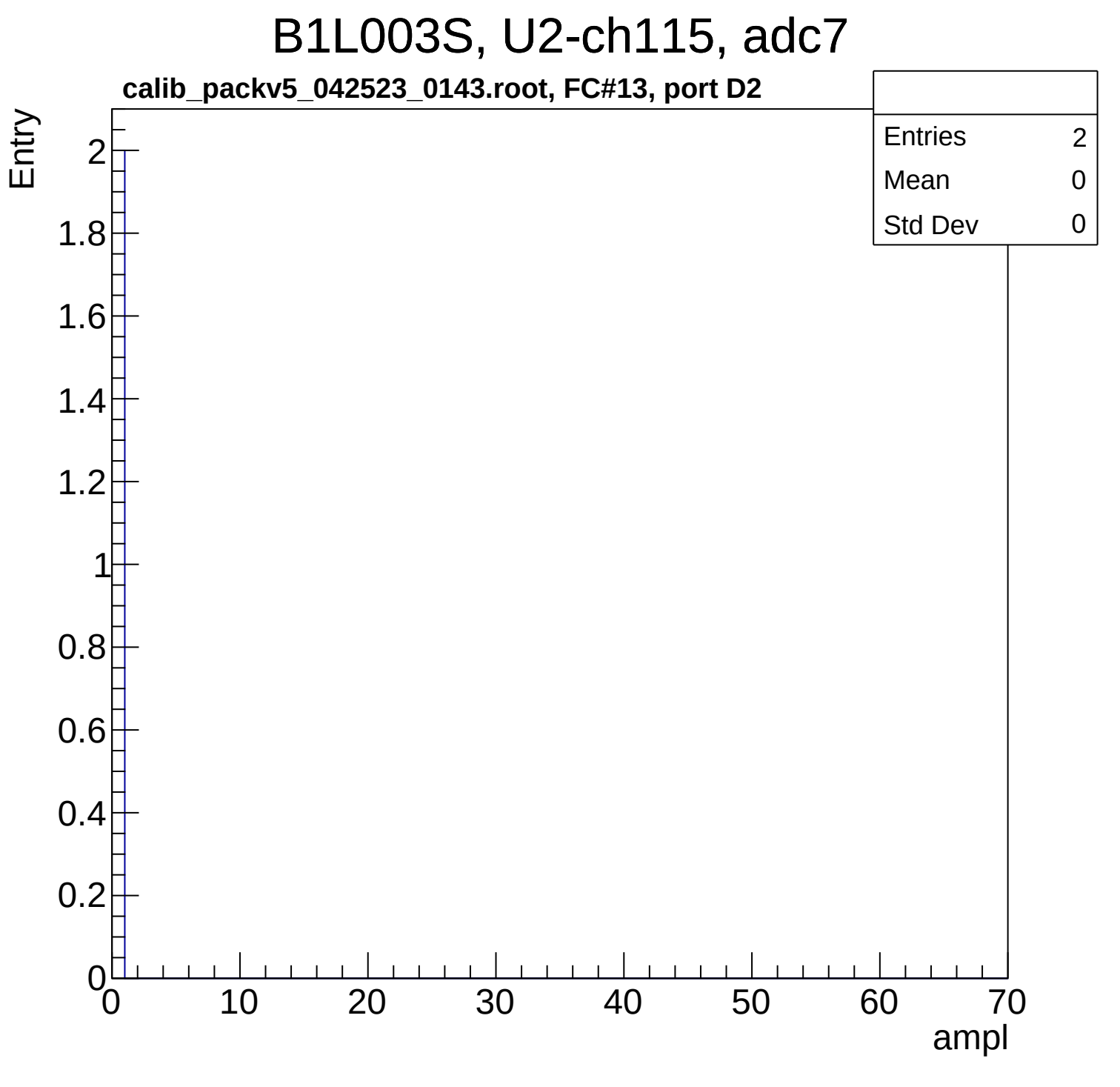
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch115, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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60
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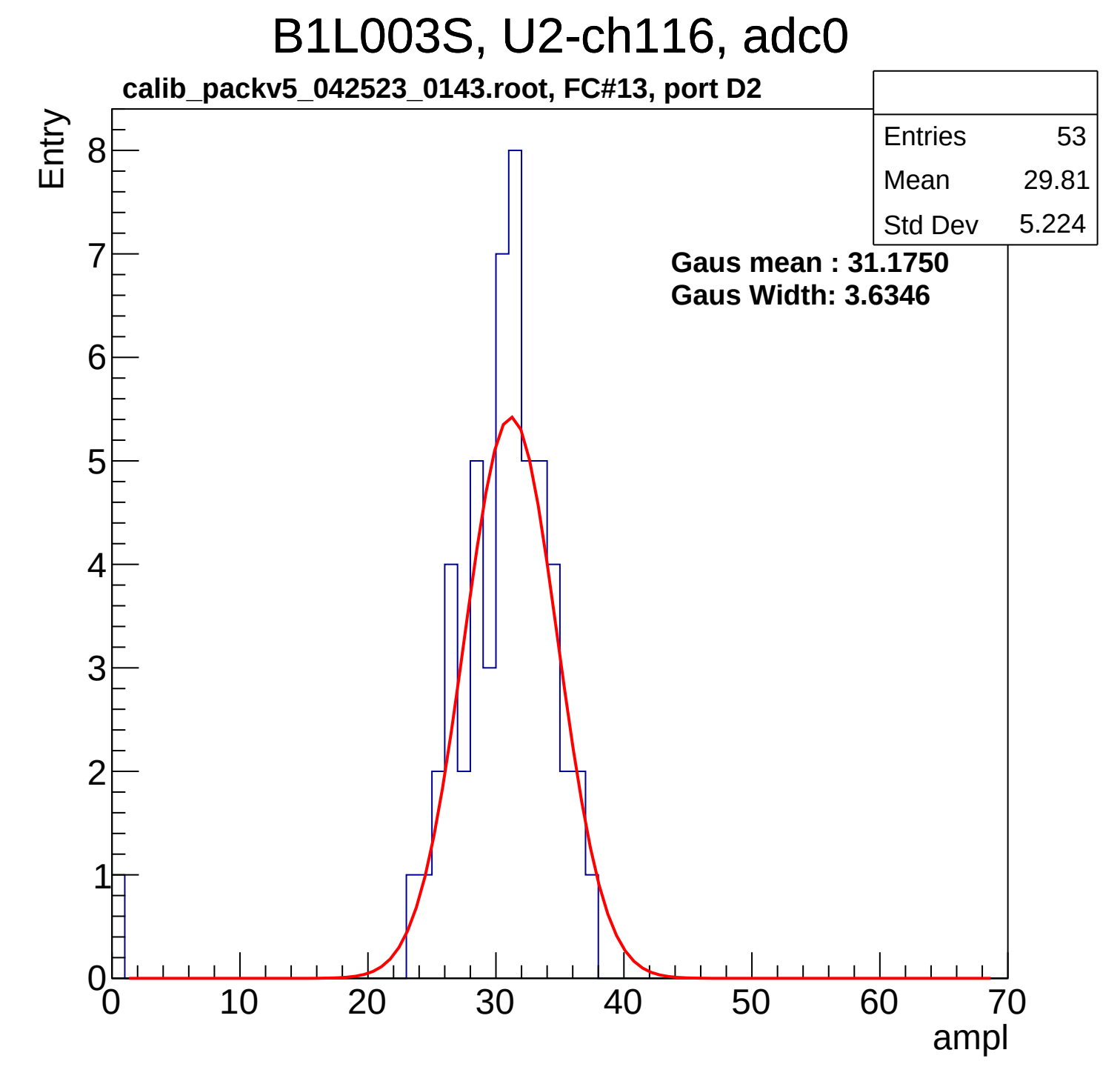
B1L003S, U2-ch116, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 29.81
Std Dev 5.224
Gaus mean : 31.1750
Gaus Width: 3.6346
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
50
60
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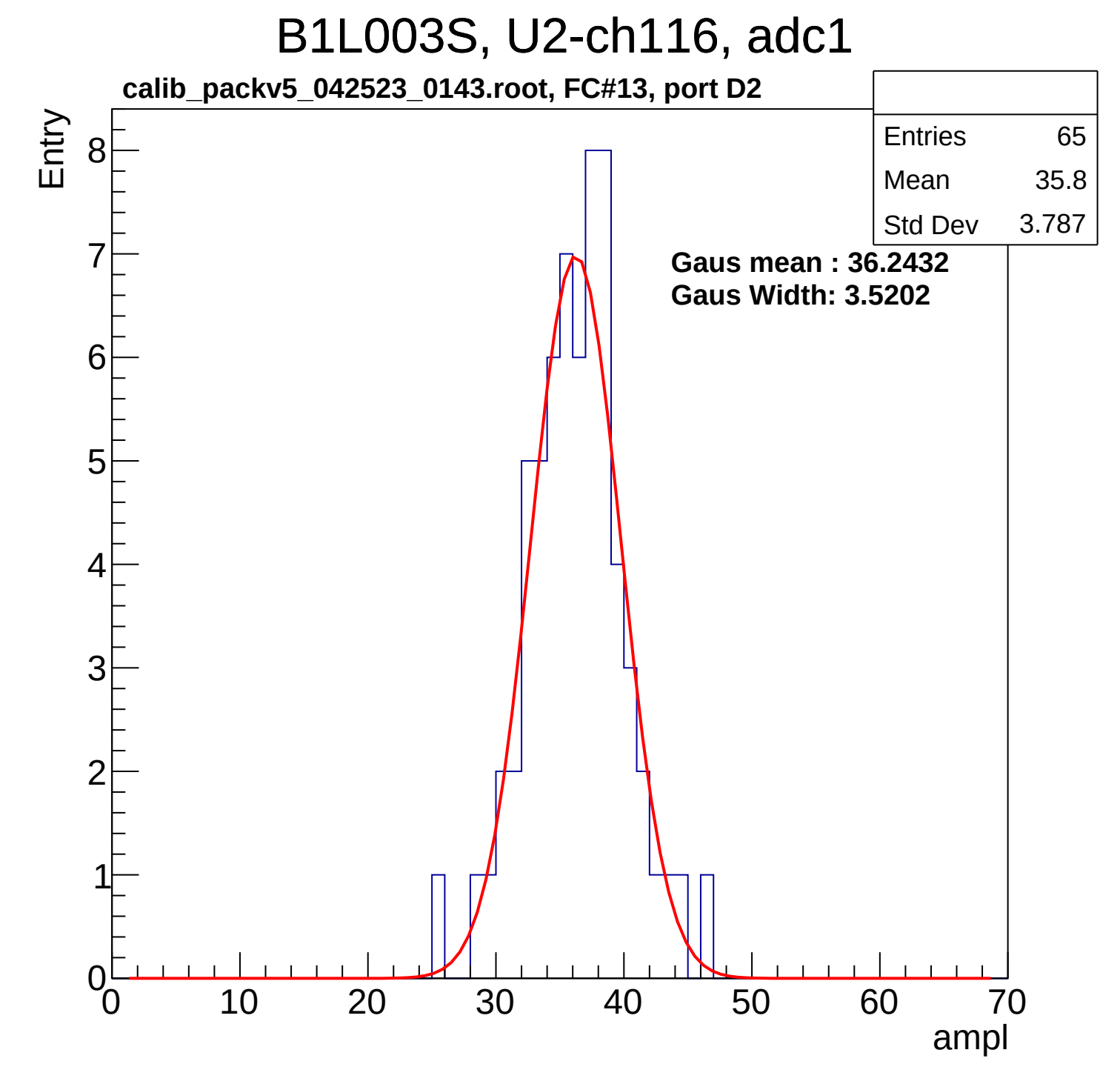
B1L003S, U2-ch116, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 35.8
Std Dev 3.787
Gaus mean : 36.2432
Gaus Width: 3.5202
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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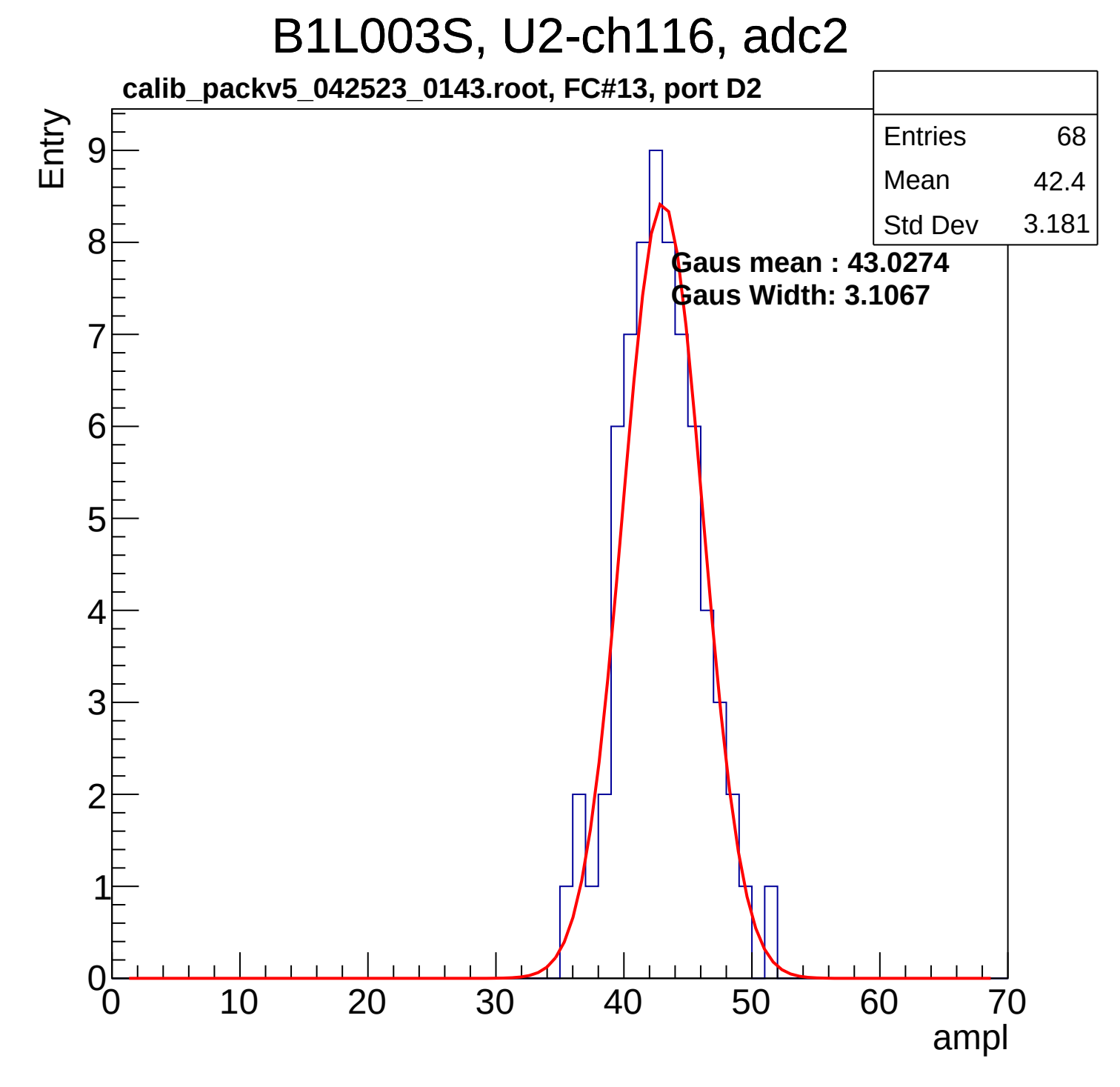
B1L003S, U2-ch116, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 42.4
Std Dev 3.181
Gaus mean : 43.0274
Gaus Width: 3.1067
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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60
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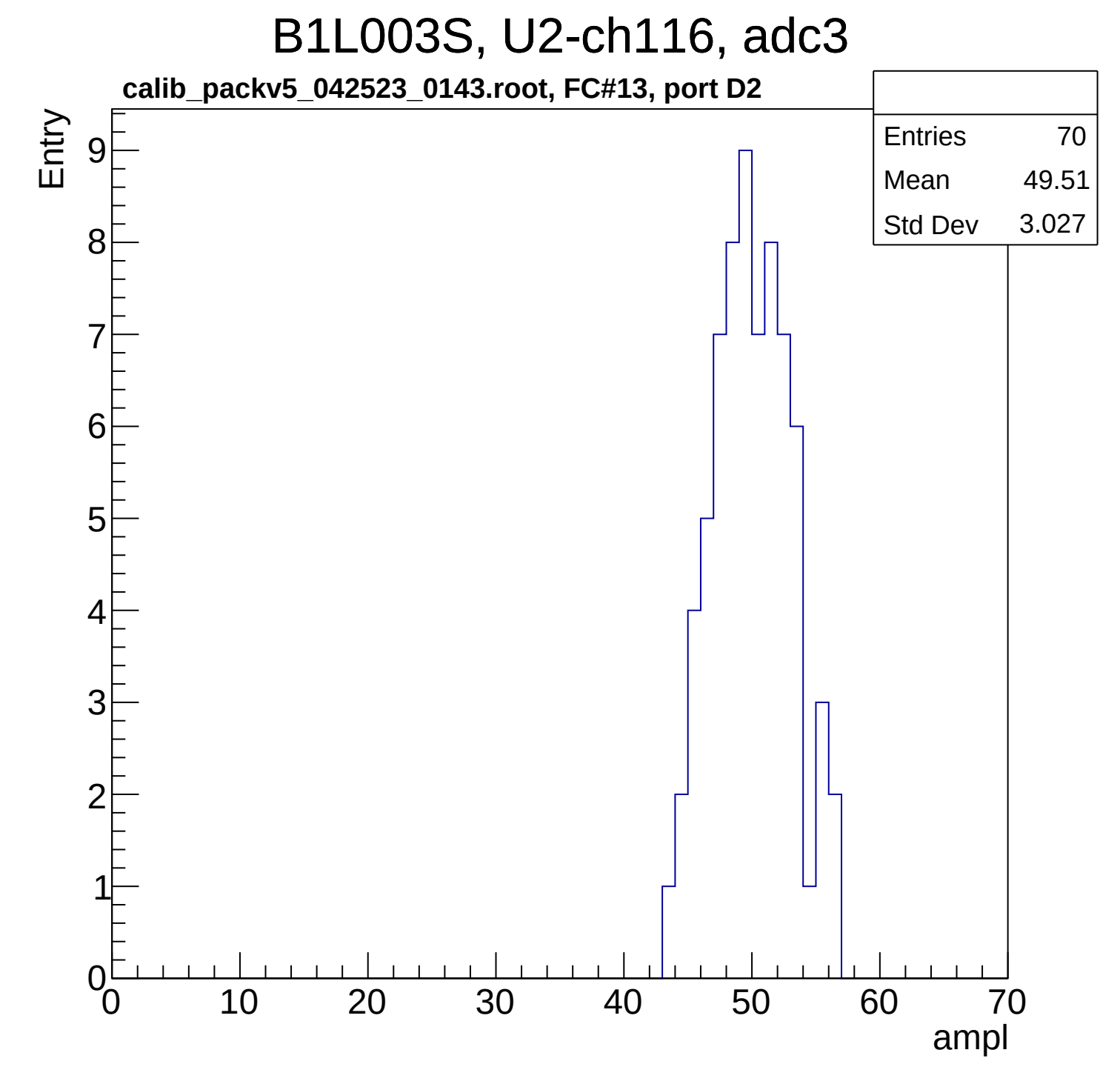
B1L003S, U2-ch116, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 49.51
Std Dev 3.027
Entry
ampl
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3
4
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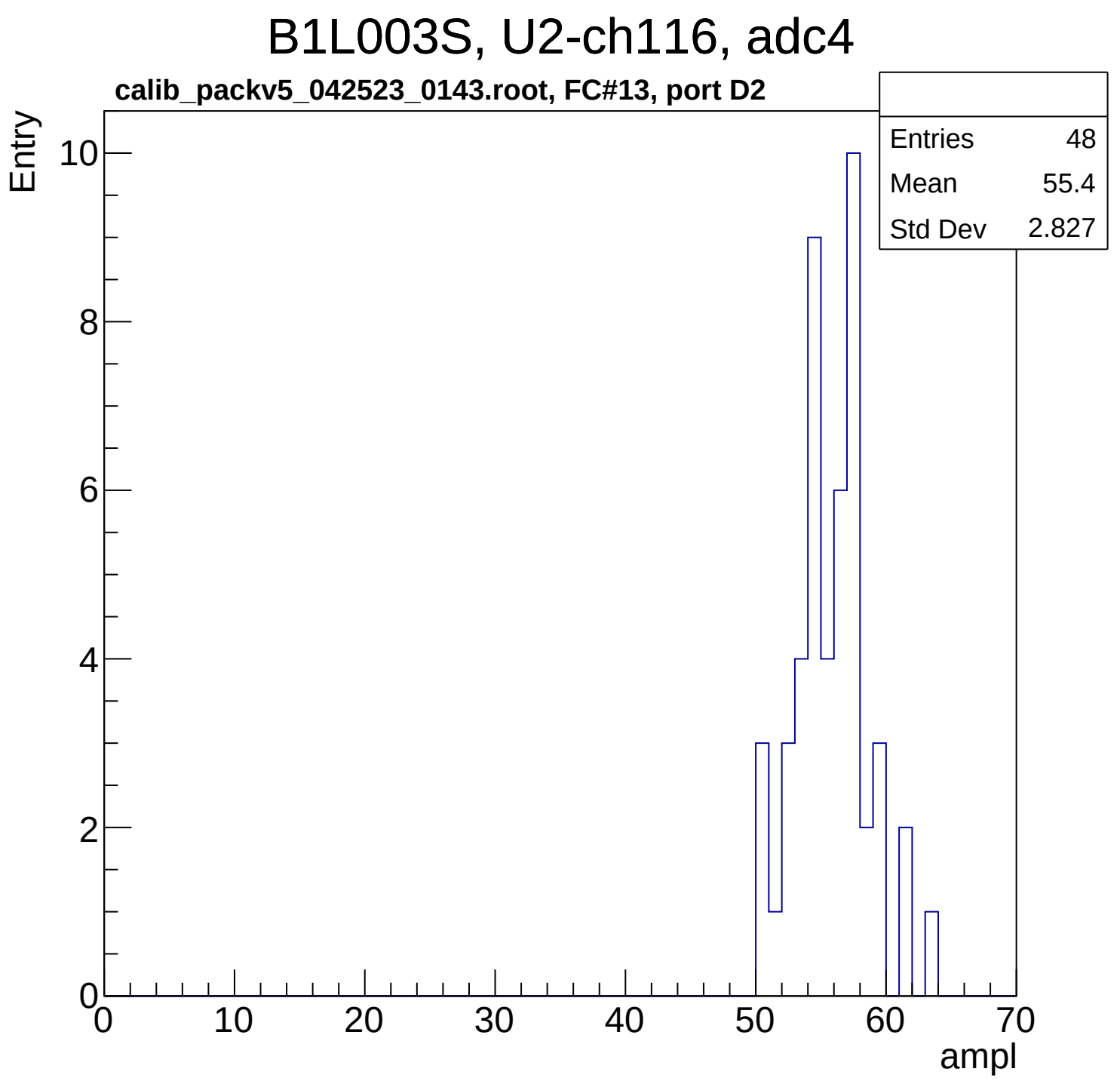
B1L003S, U2-ch116, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 55.4
Std Dev 2.827
Entry
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10
0
10
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50
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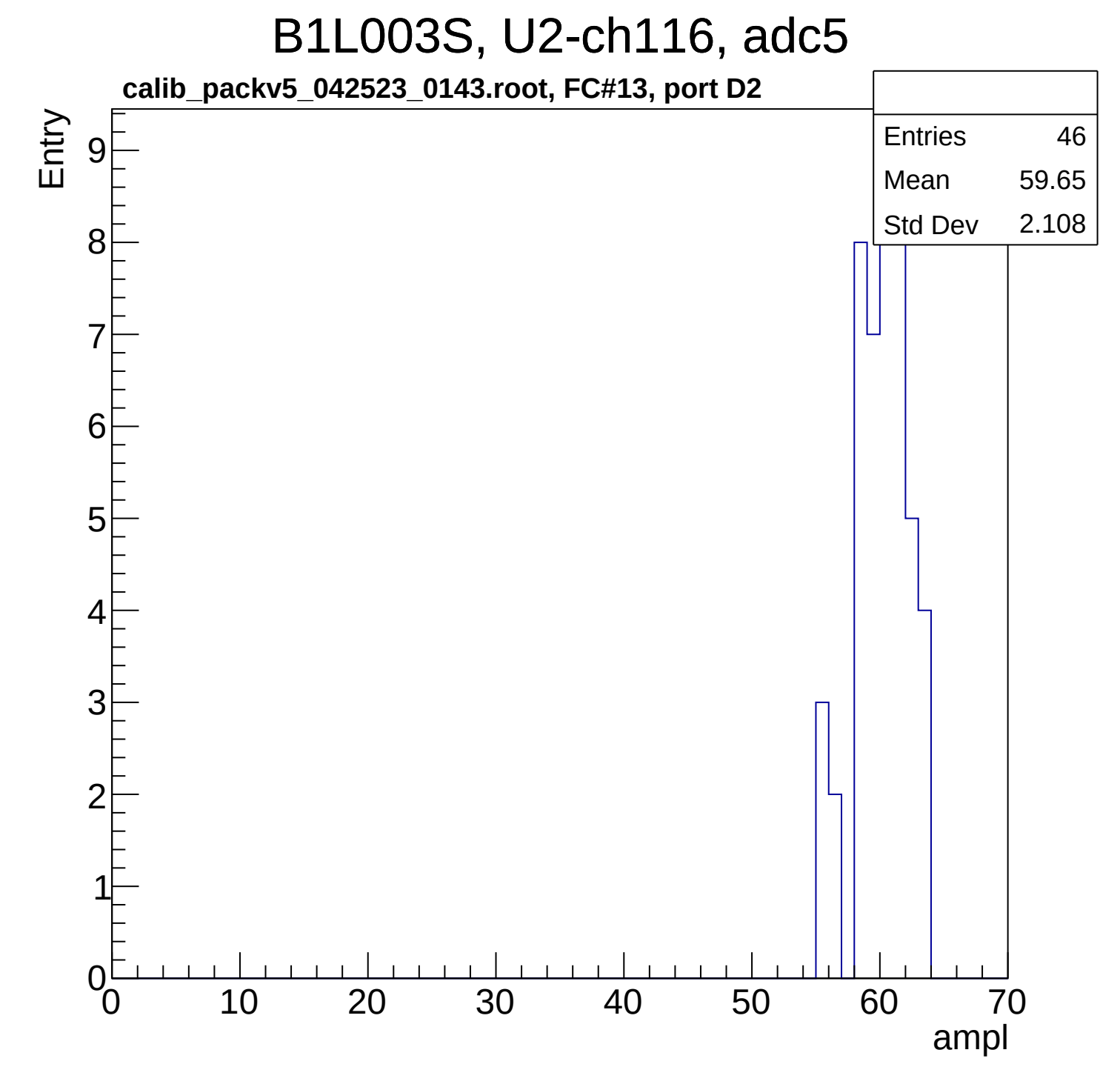
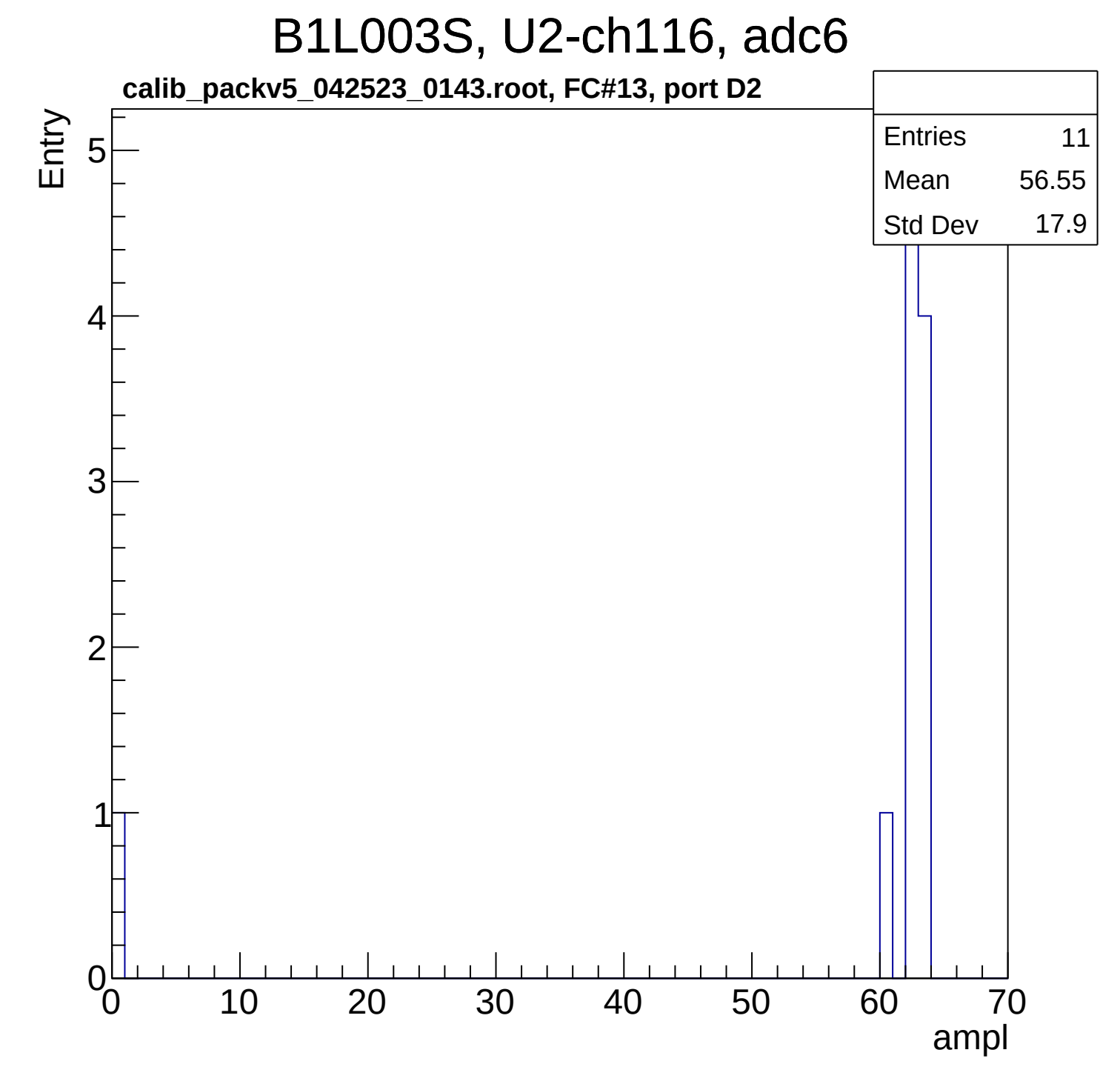
70
ampl


B1L003S, U2-ch116, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 59.65
Std Dev 2.108
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch116, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 56.55
Std Dev 17.9
Entry
0
1
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3
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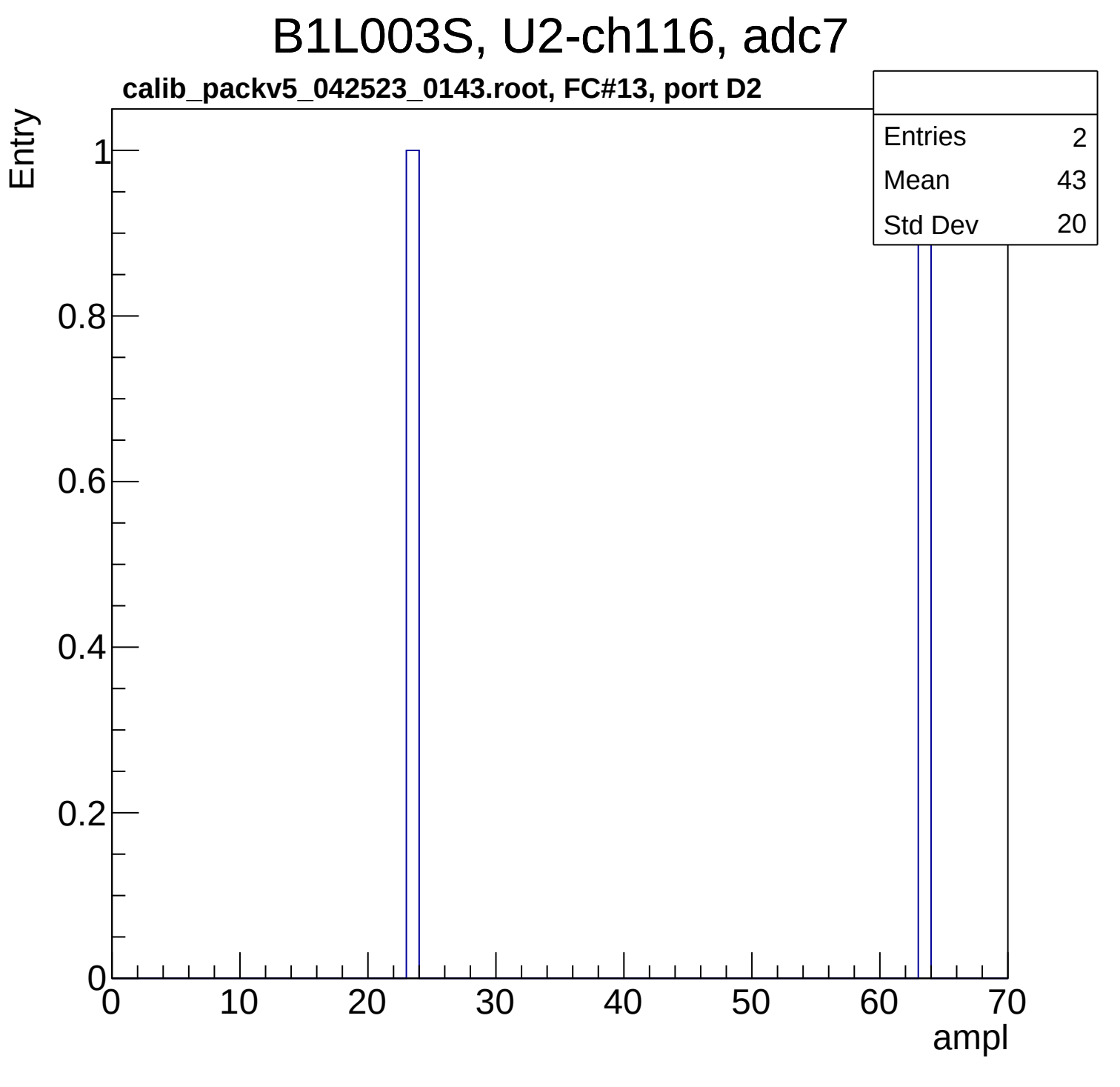
70
ampl


B1L003S, U2-ch116, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 43
Std Dev 20
Entry
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0.6
0.4
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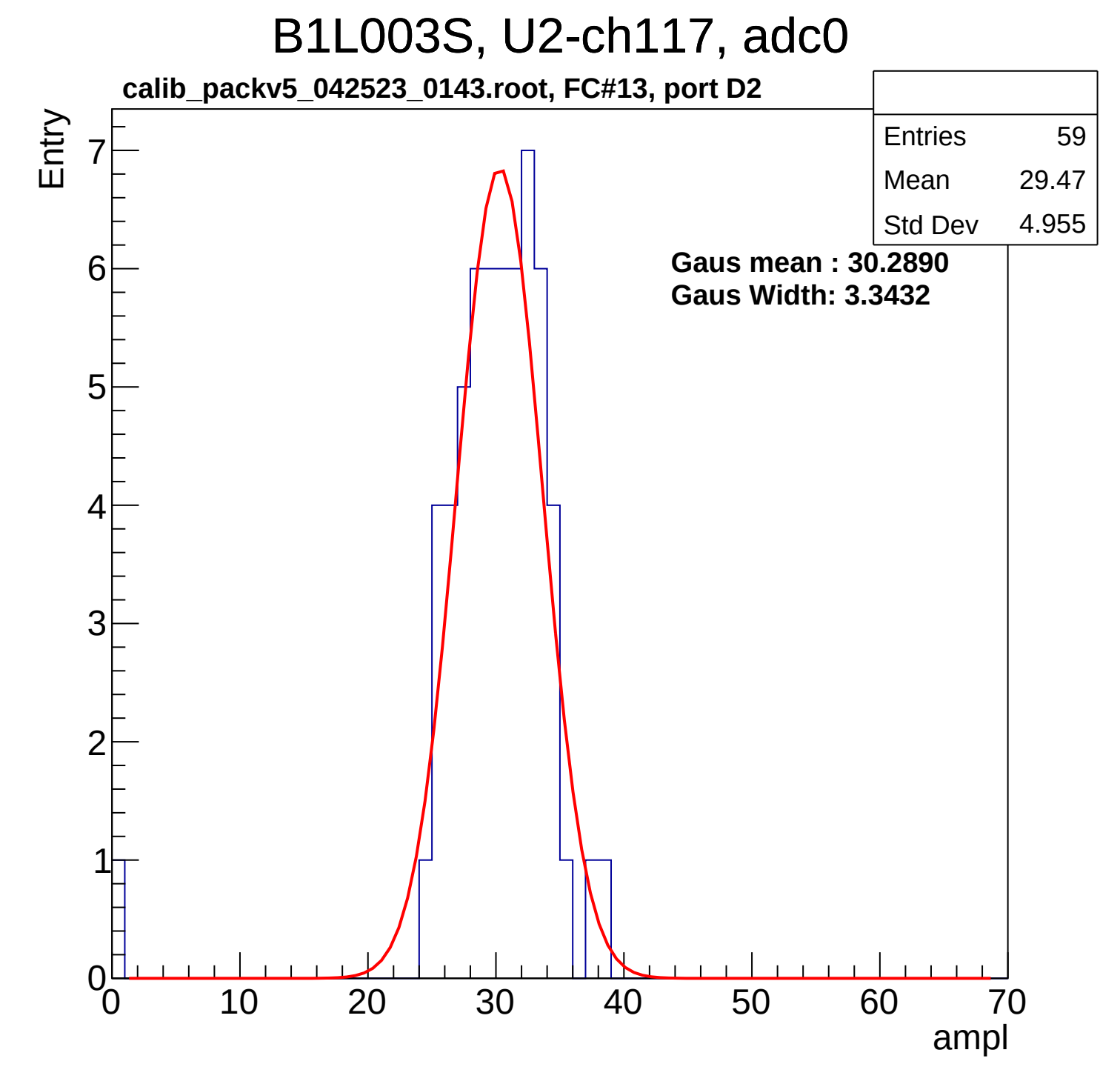
50
60
70
ampl


B1L003S, U2-ch117, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 29.47
Std Dev 4.955
Gaus mean : 30.2890
Gaus Width: 3.3432
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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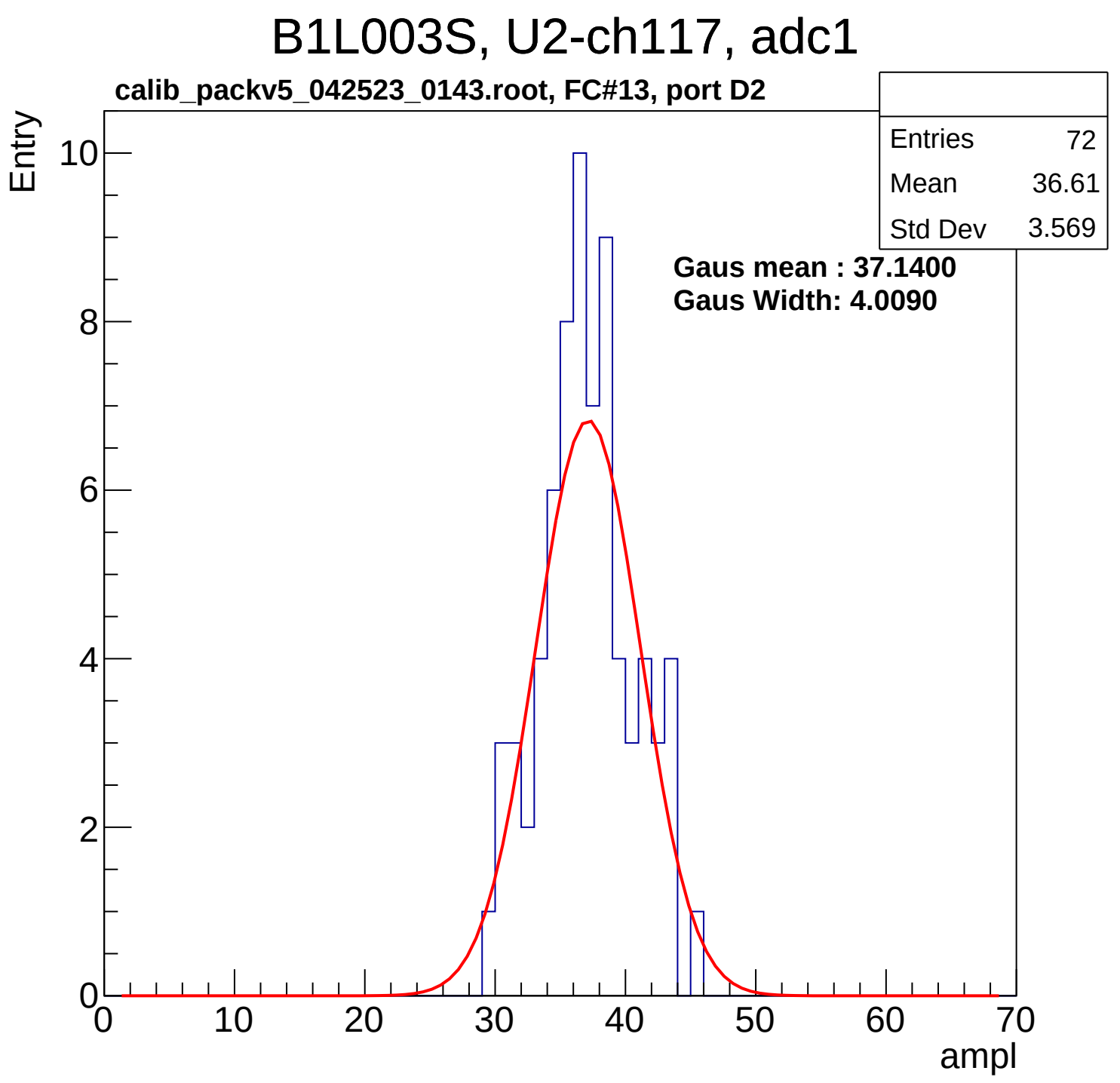
B1L003S, U2-ch117, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 36.61
Std Dev 3.569
Gaus mean : 37.1400
Gaus Width: 4.0090
Entry
ampl
0
2
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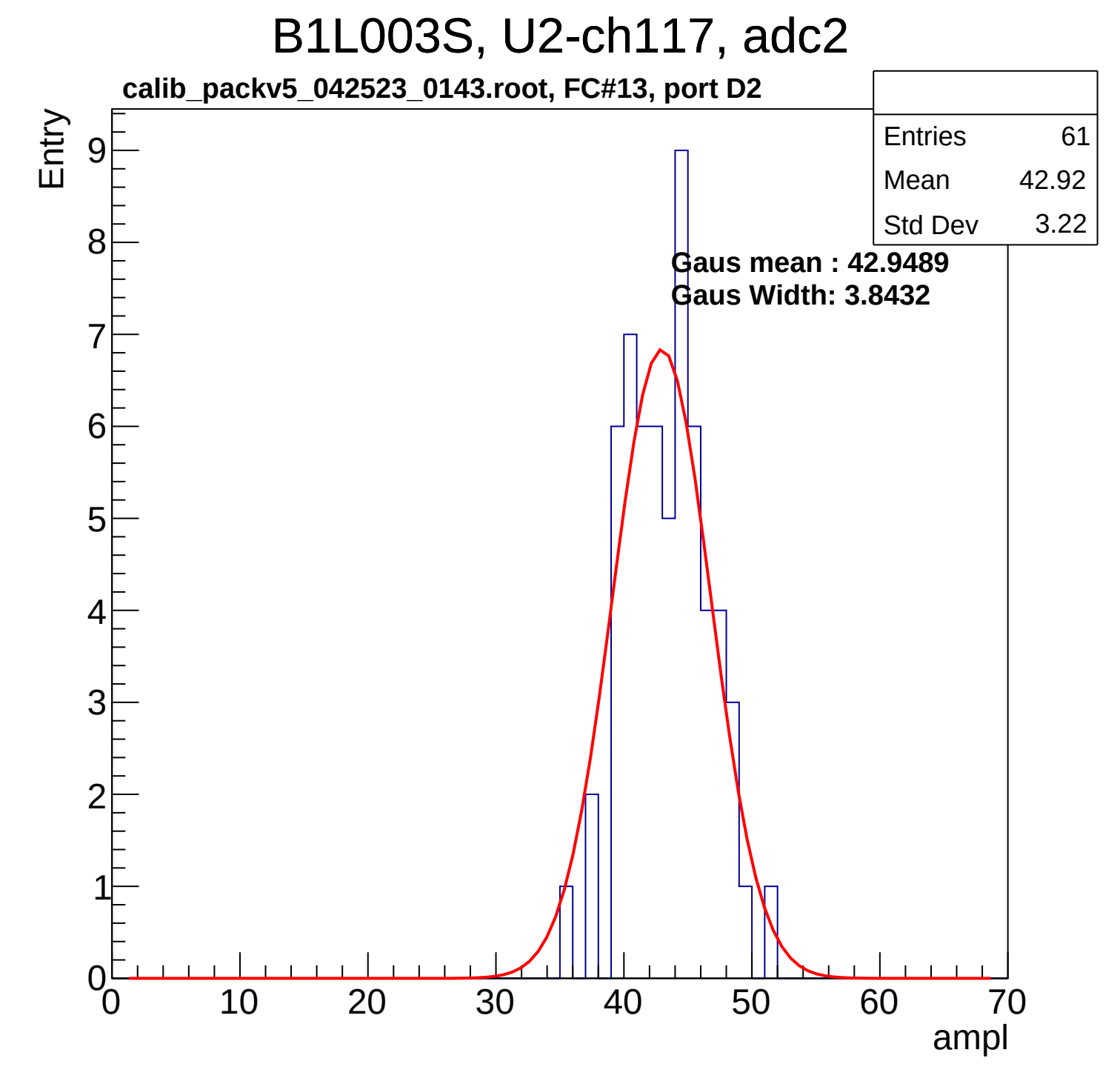
B1L003S, U2-ch117, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 42.92
Std Dev 3.22
Gaus mean : 42.9489
Gaus Width: 3.8432
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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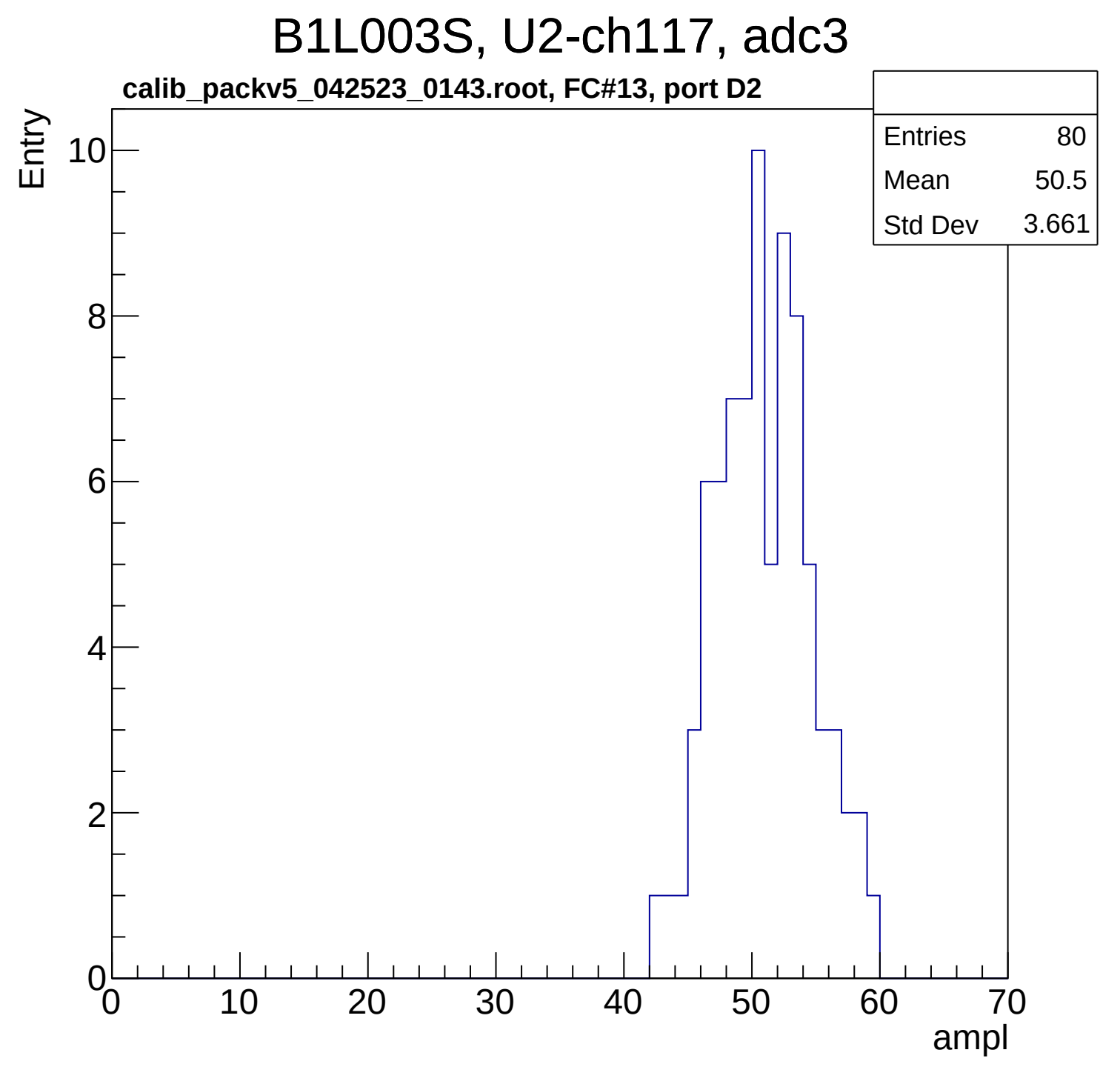
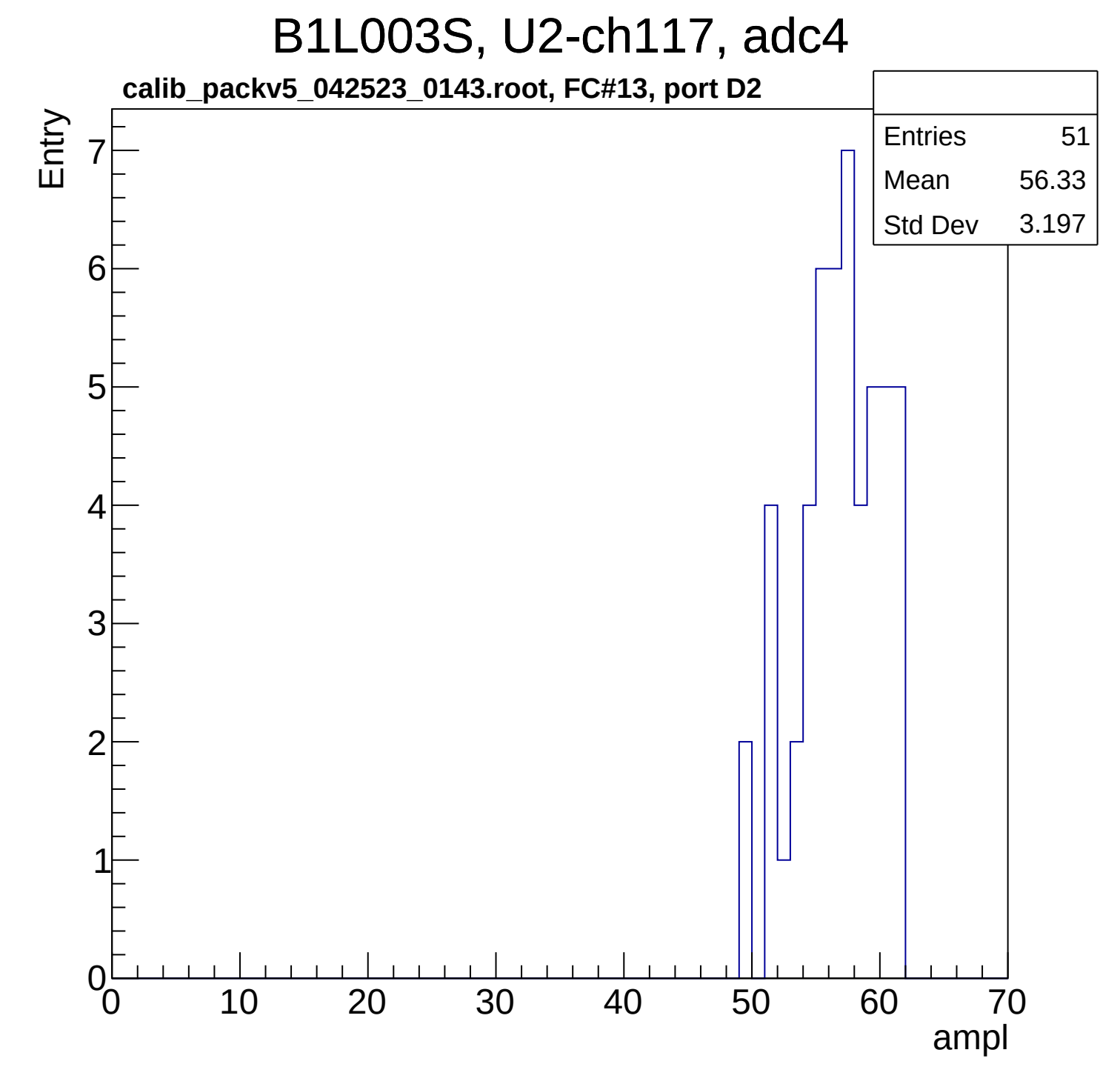

B1L003S, U2-ch117, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 50.5
Std Dev 3.661
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch117, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 56.33
Std Dev 3.197
Entry
ampl
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1
2
3
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0
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20
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60
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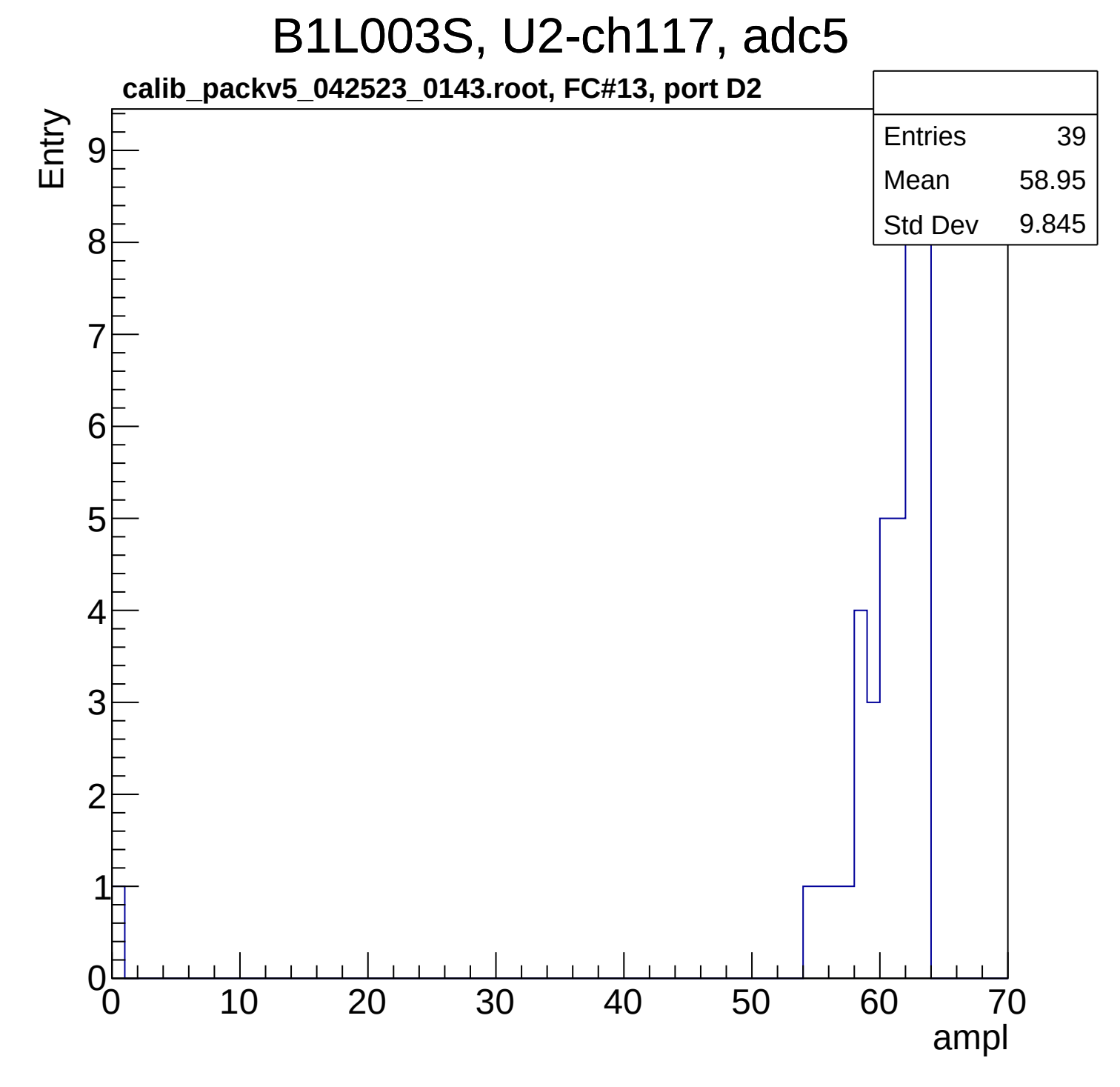
B1L003S, U2-ch117, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 58.95
Std Dev 9.845
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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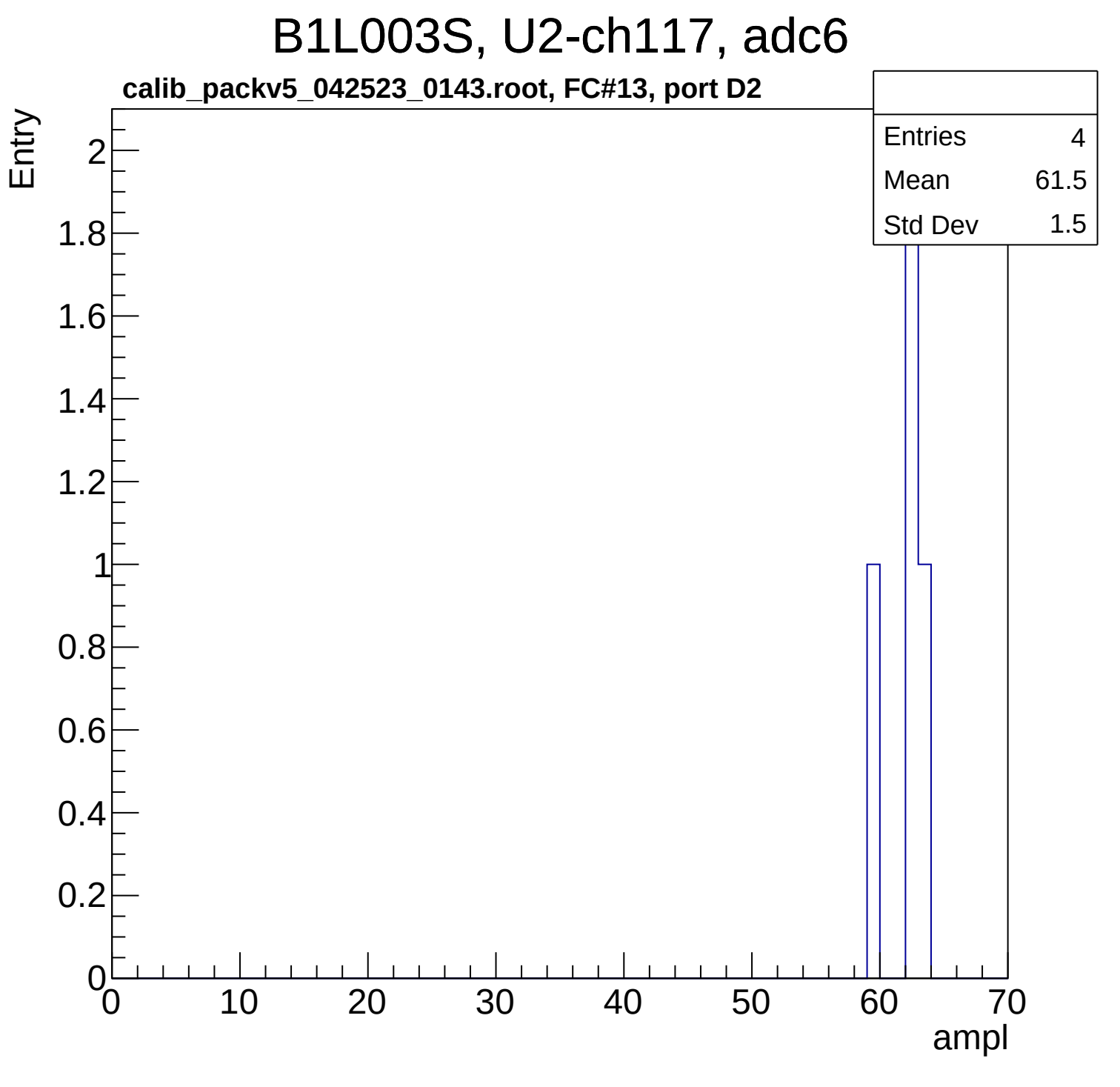
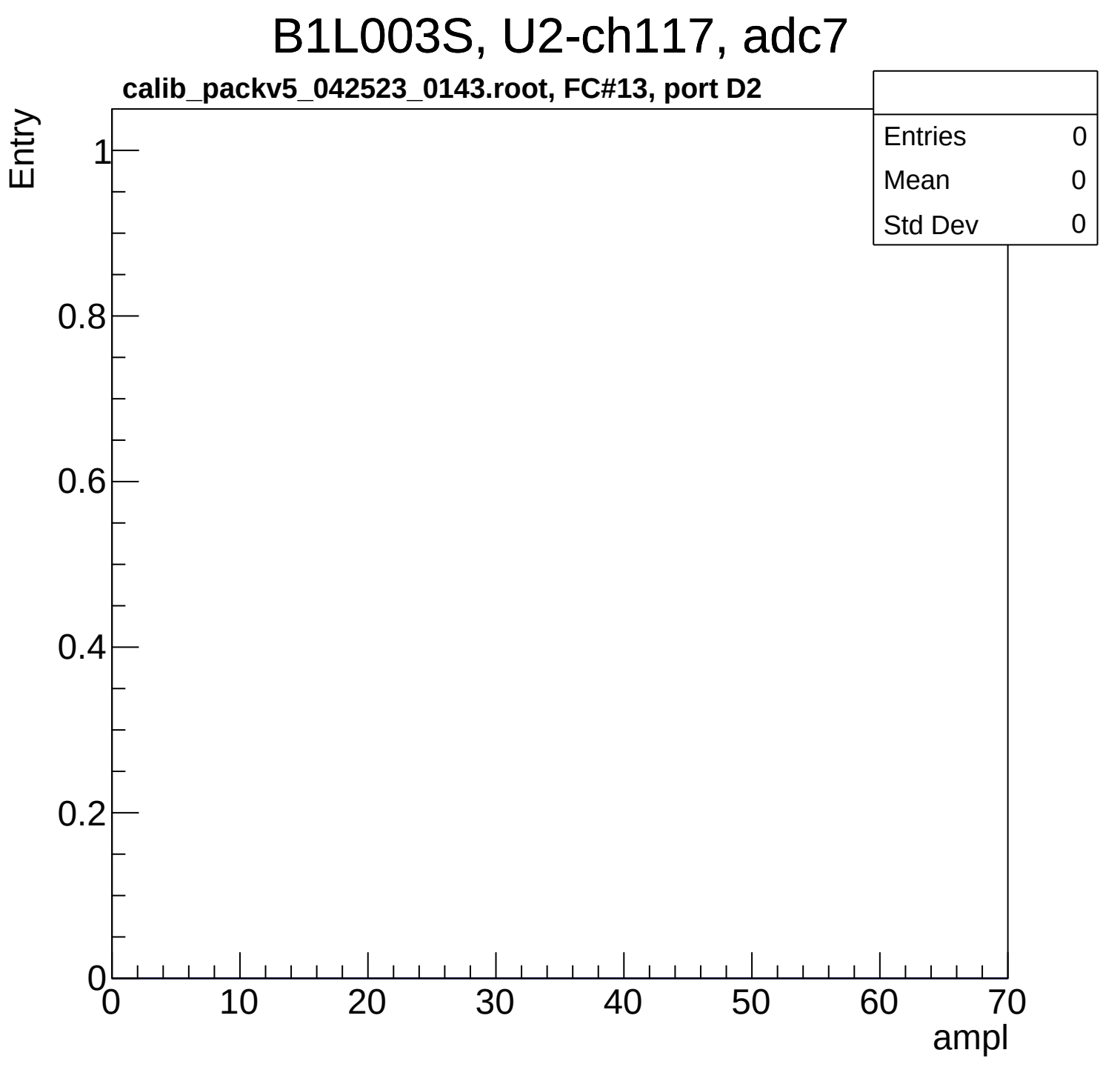
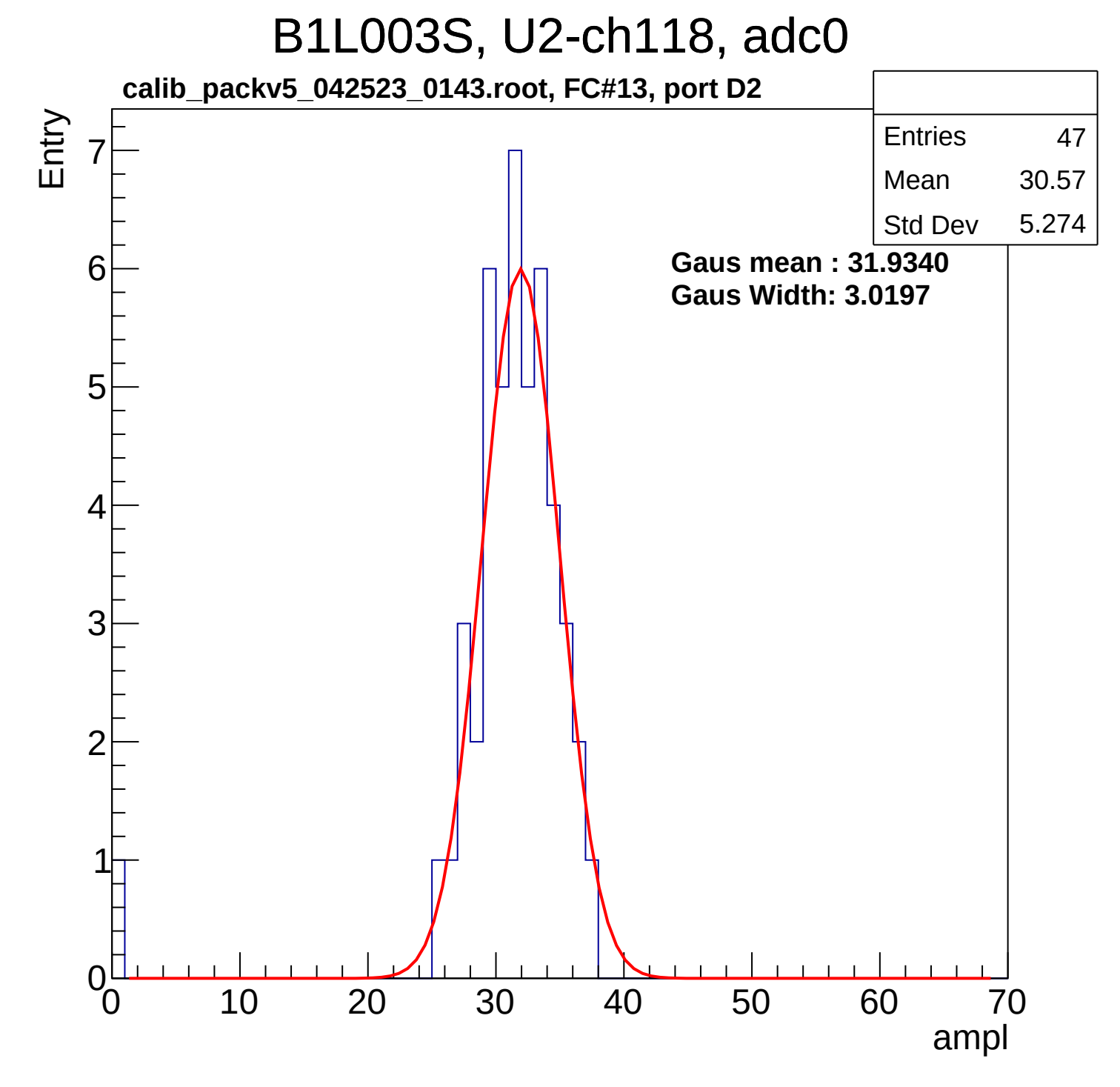
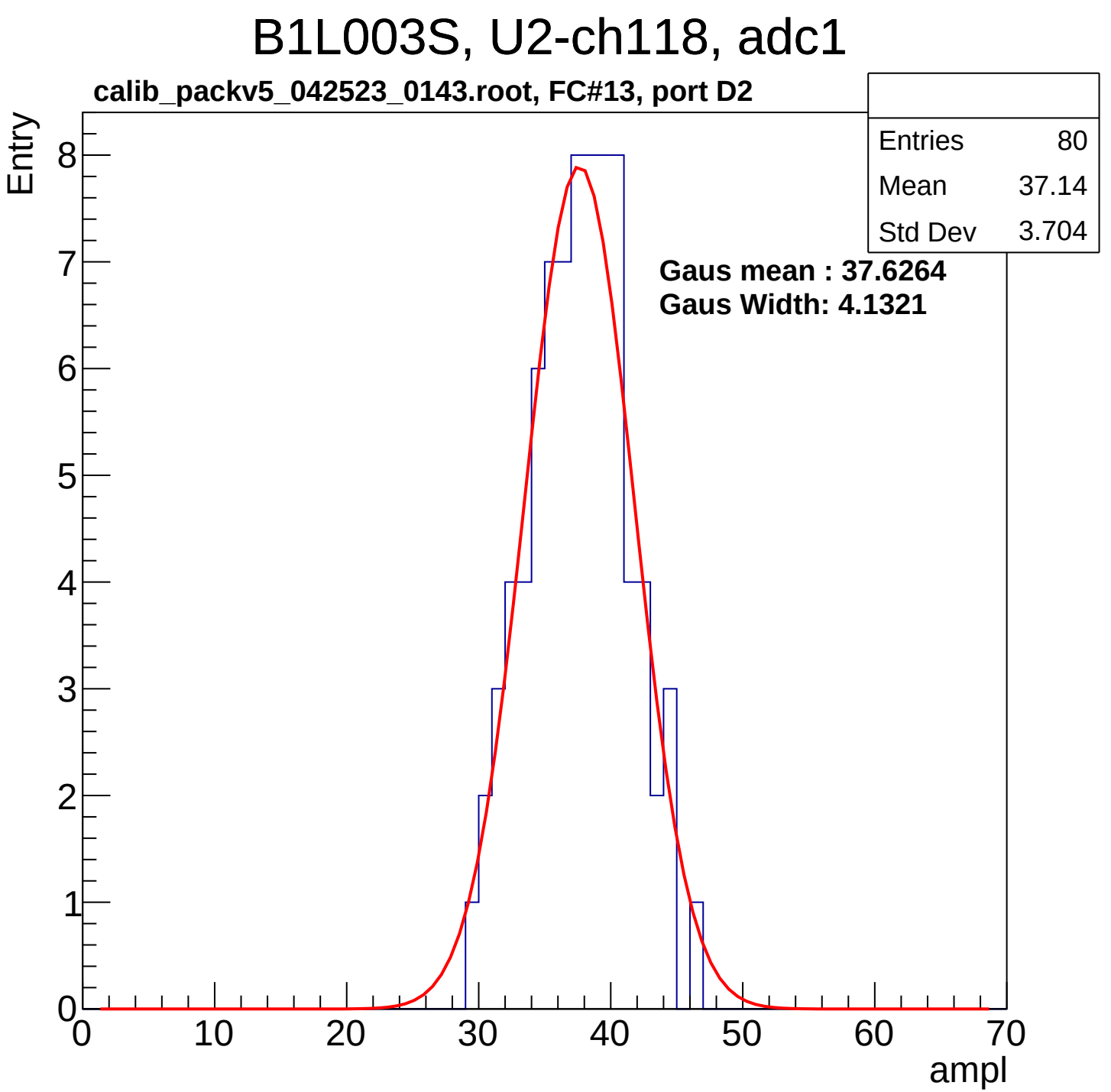

B1L003S, U2-ch117, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.5
Std Dev 1.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U2-ch117, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch118, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 30.57
Std Dev 5.274
Gaus mean : 31.9340
Gaus Width: 3.0197
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U2-ch118, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 37.14
Std Dev 3.704
Gaus mean : 37.6264
Gaus Width: 4.1321
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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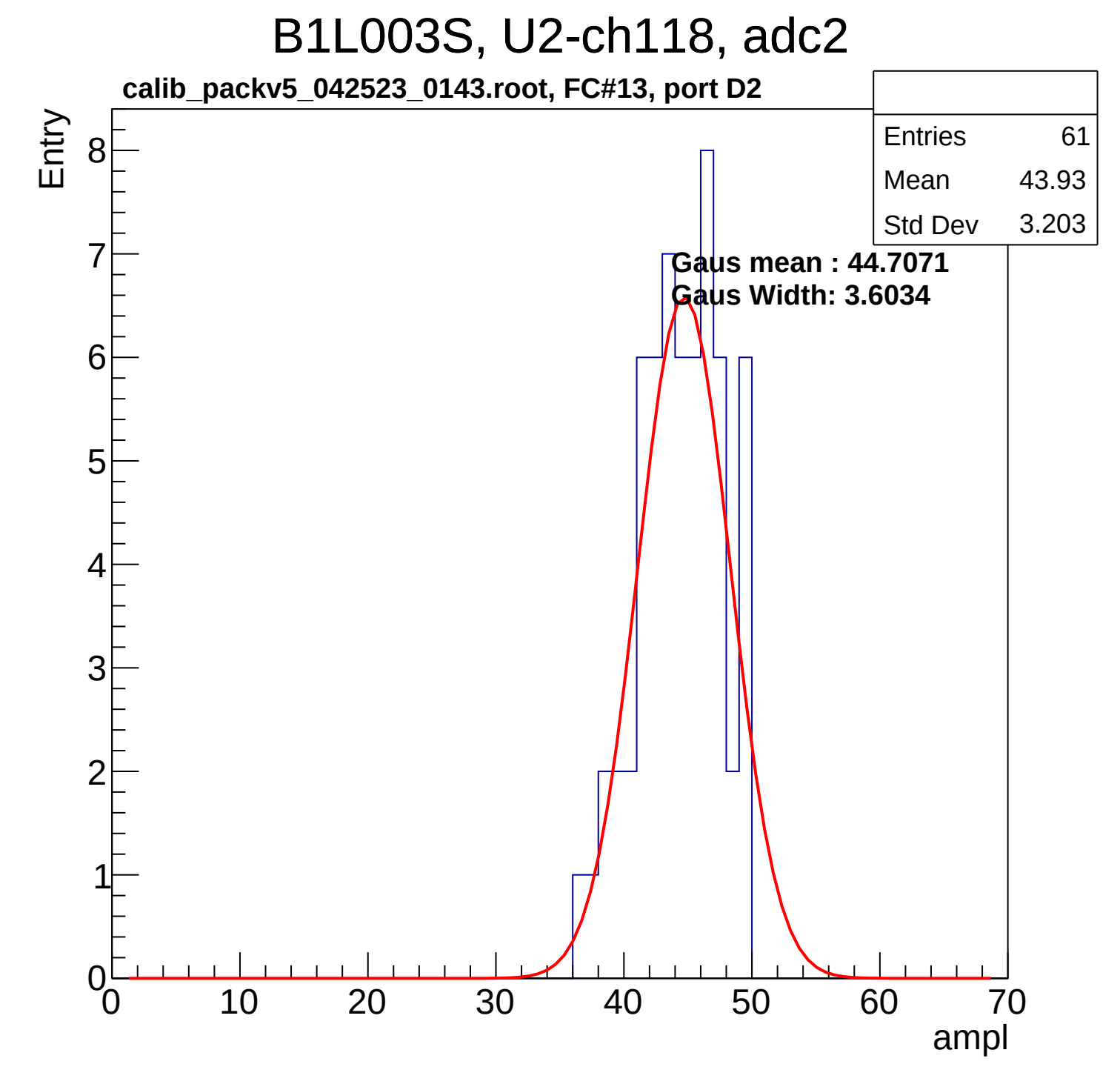
B1L003S, U2-ch118, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 43.93
Std Dev 3.203
Gaus mean : 44.7071
Gaus Width: 3.6034
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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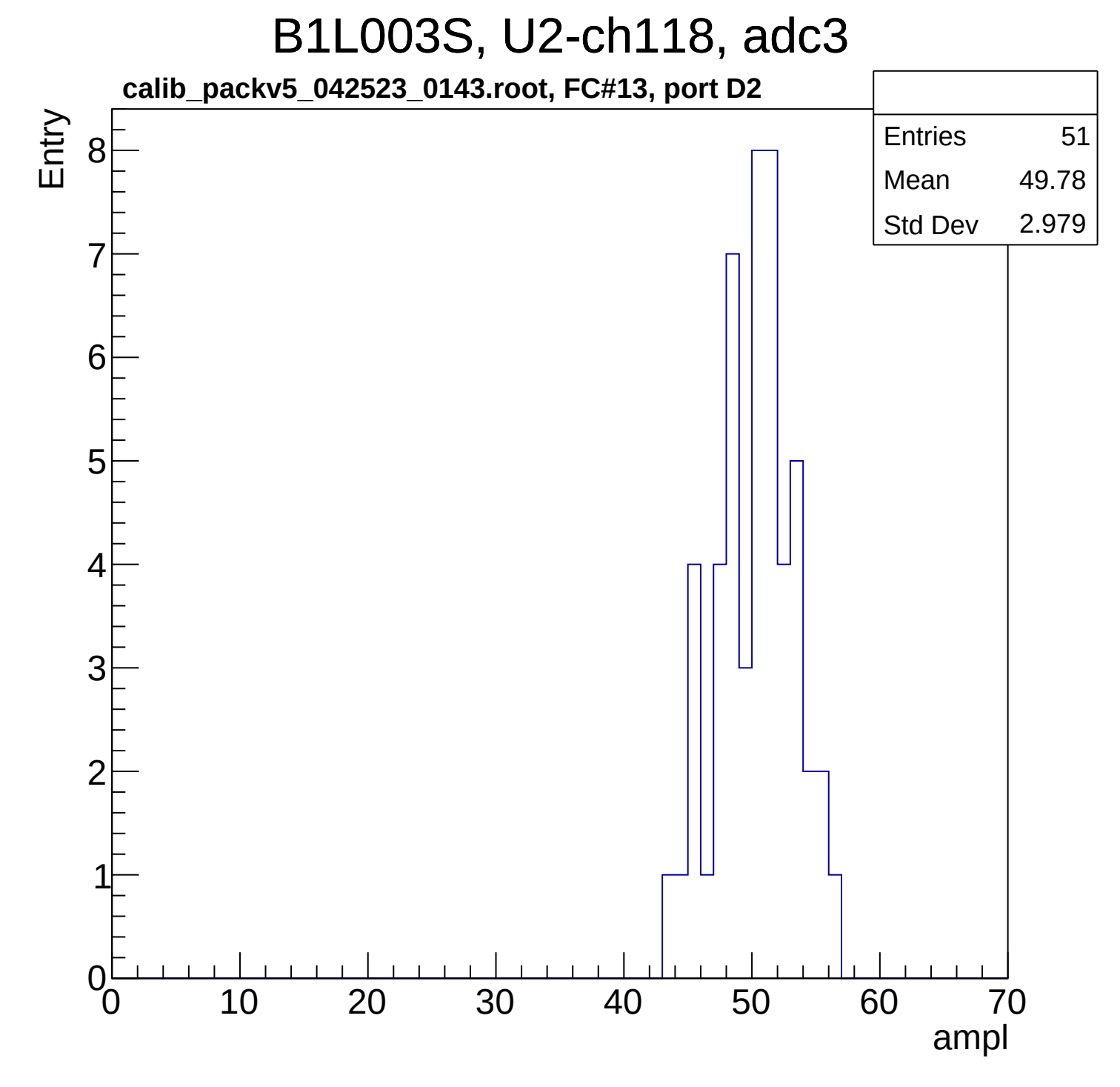
B1L003S, U2-ch118, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 49.78
Std Dev 2.979
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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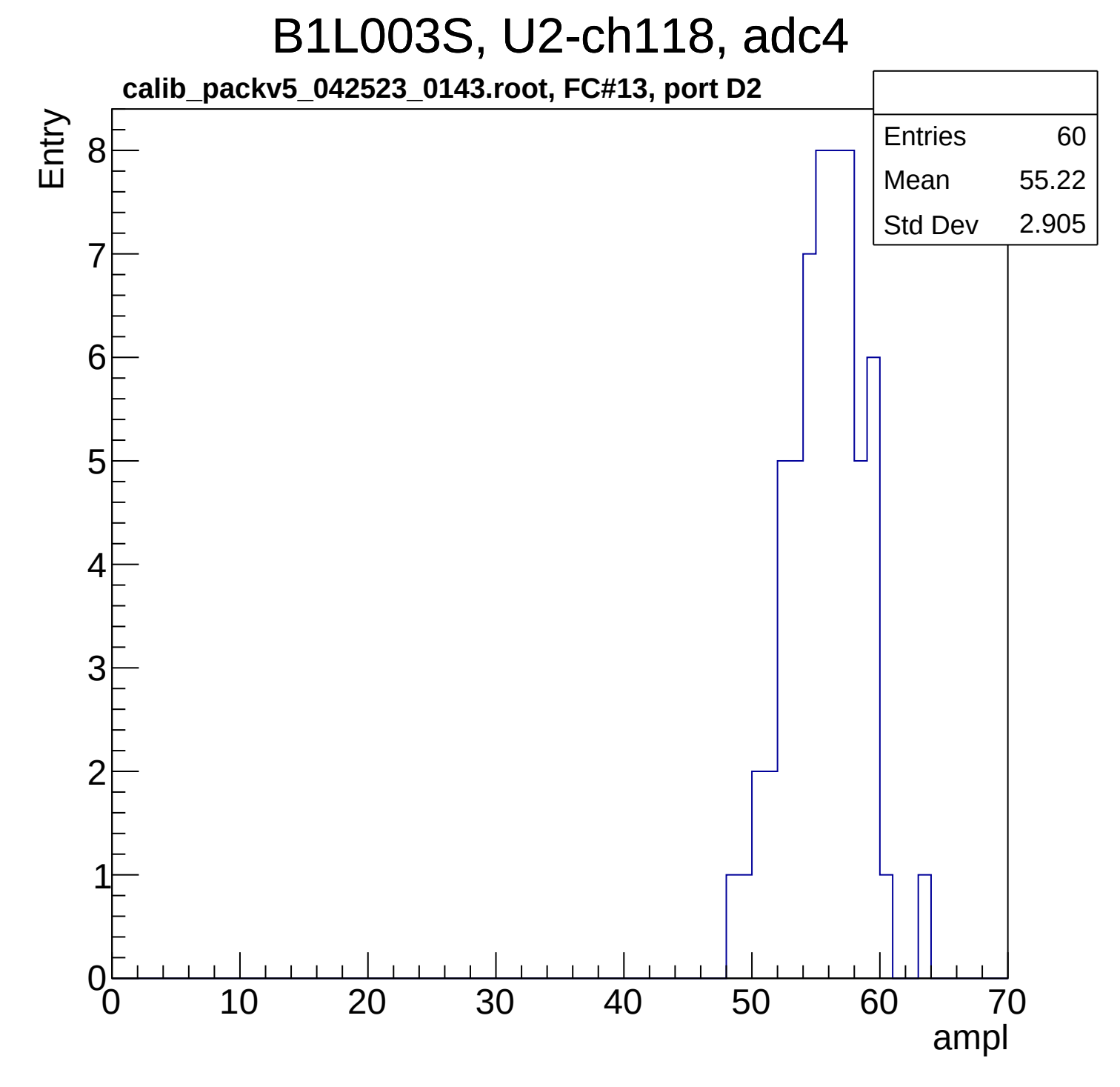
B1L003S, U2-ch118, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 55.22
Std Dev 2.905
Entry
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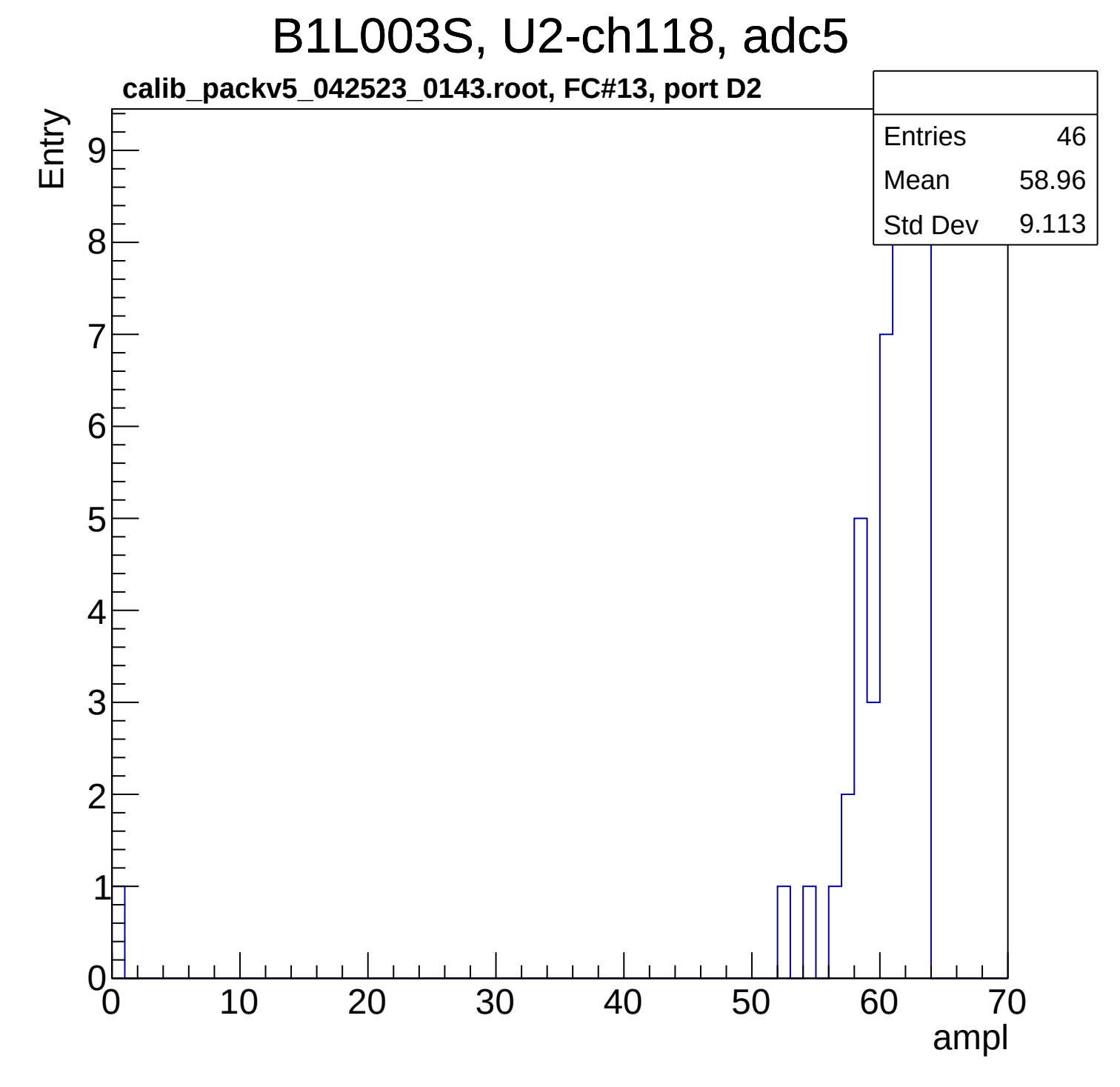
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch118, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 58.96
Std Dev 9.113
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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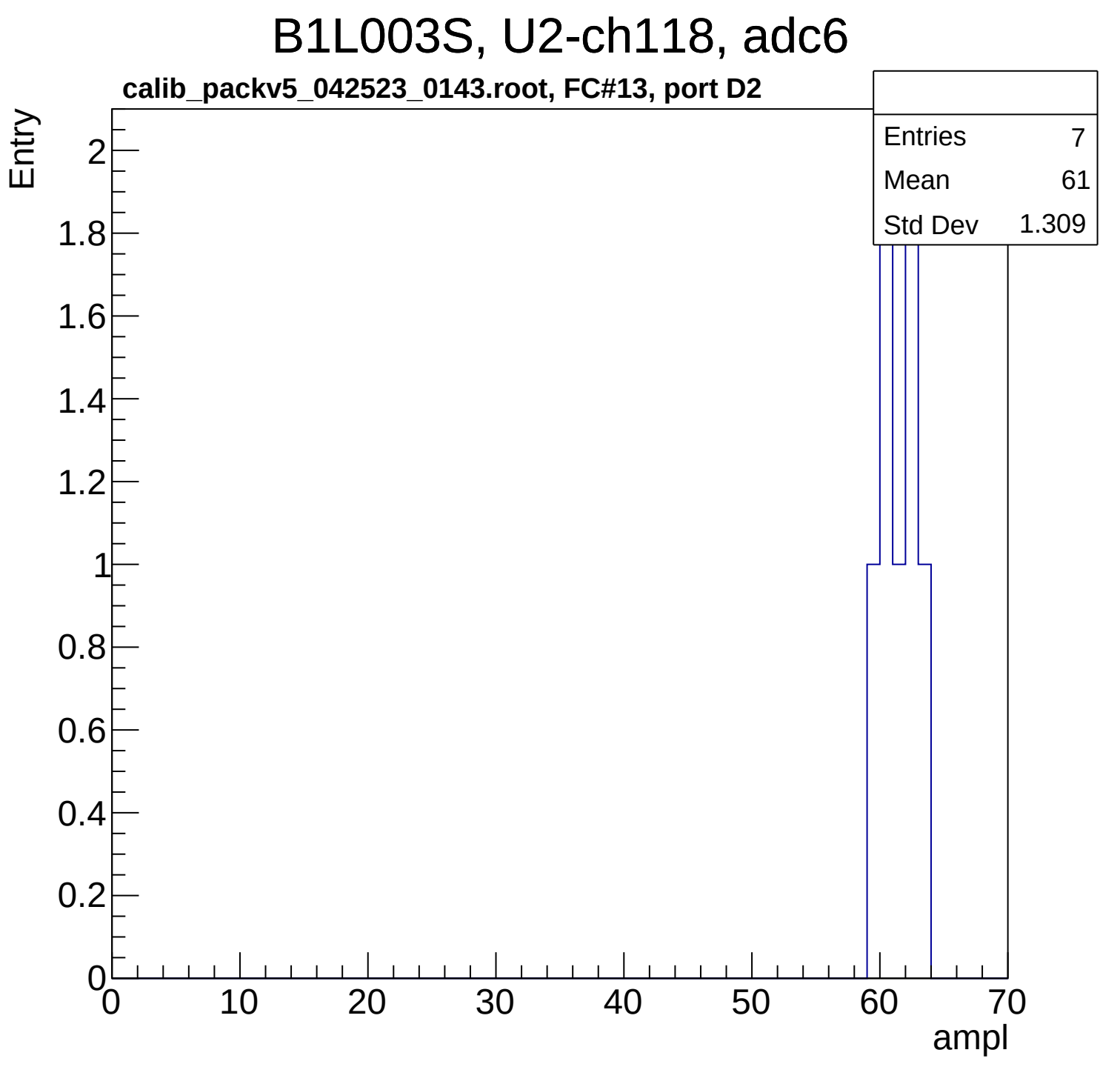
B1L003S, U2-ch118, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 61
Std Dev 1.309
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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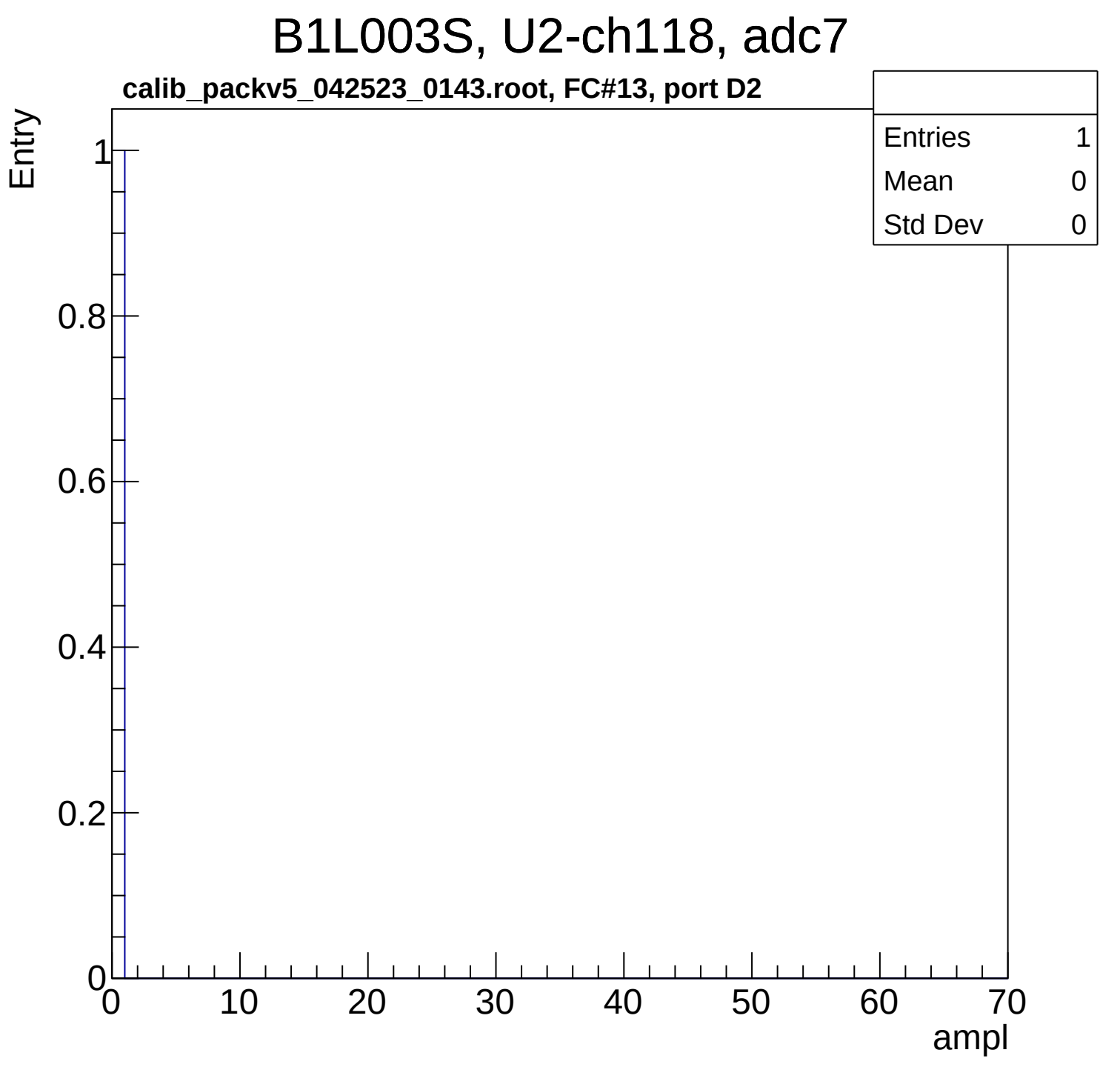
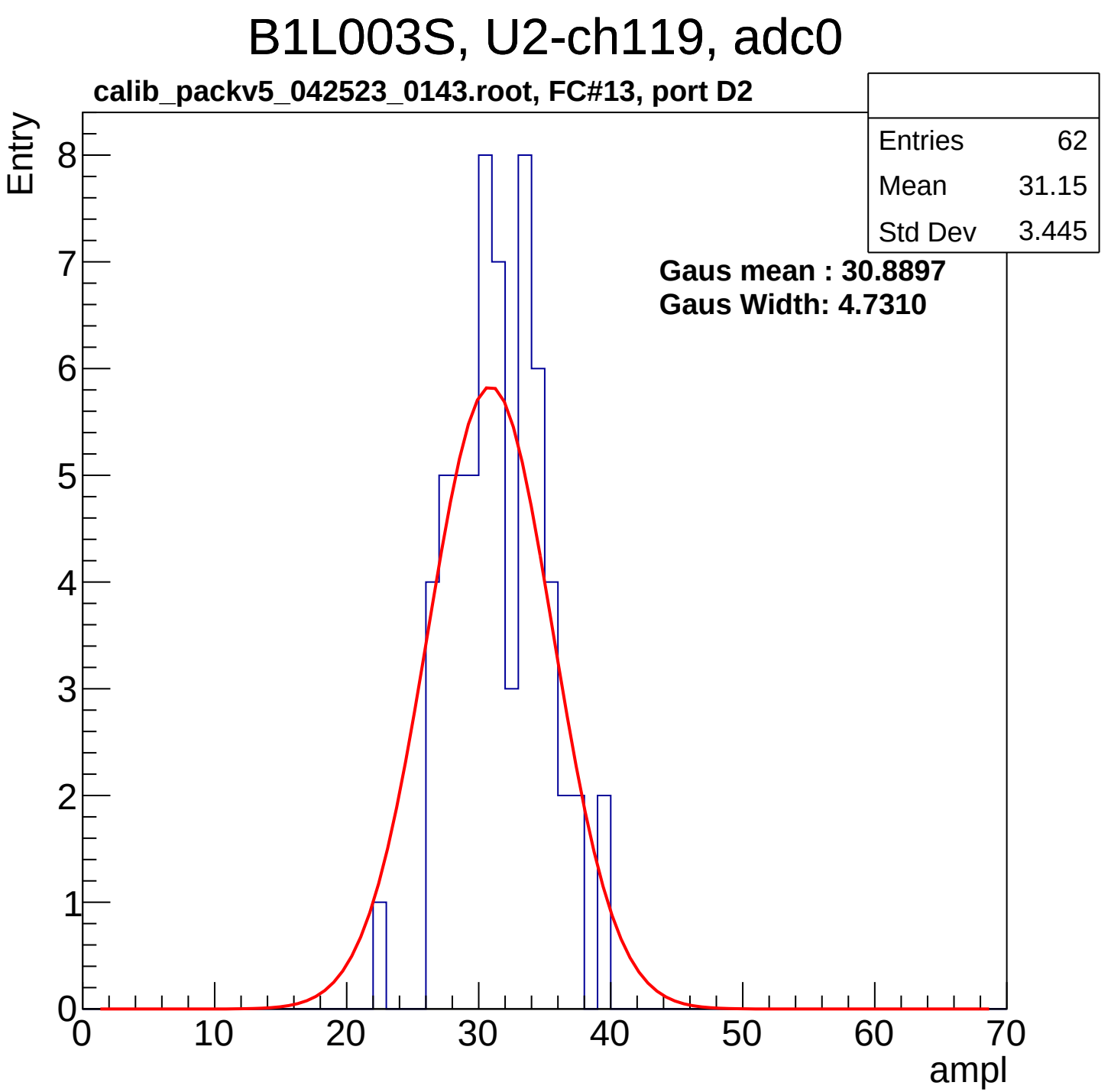
30
40
50
60
70


B1L003S, U2-ch118, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch119, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 31.15
Std Dev 3.445
Gaus mean : 30.8897
Gaus Width: 4.7310
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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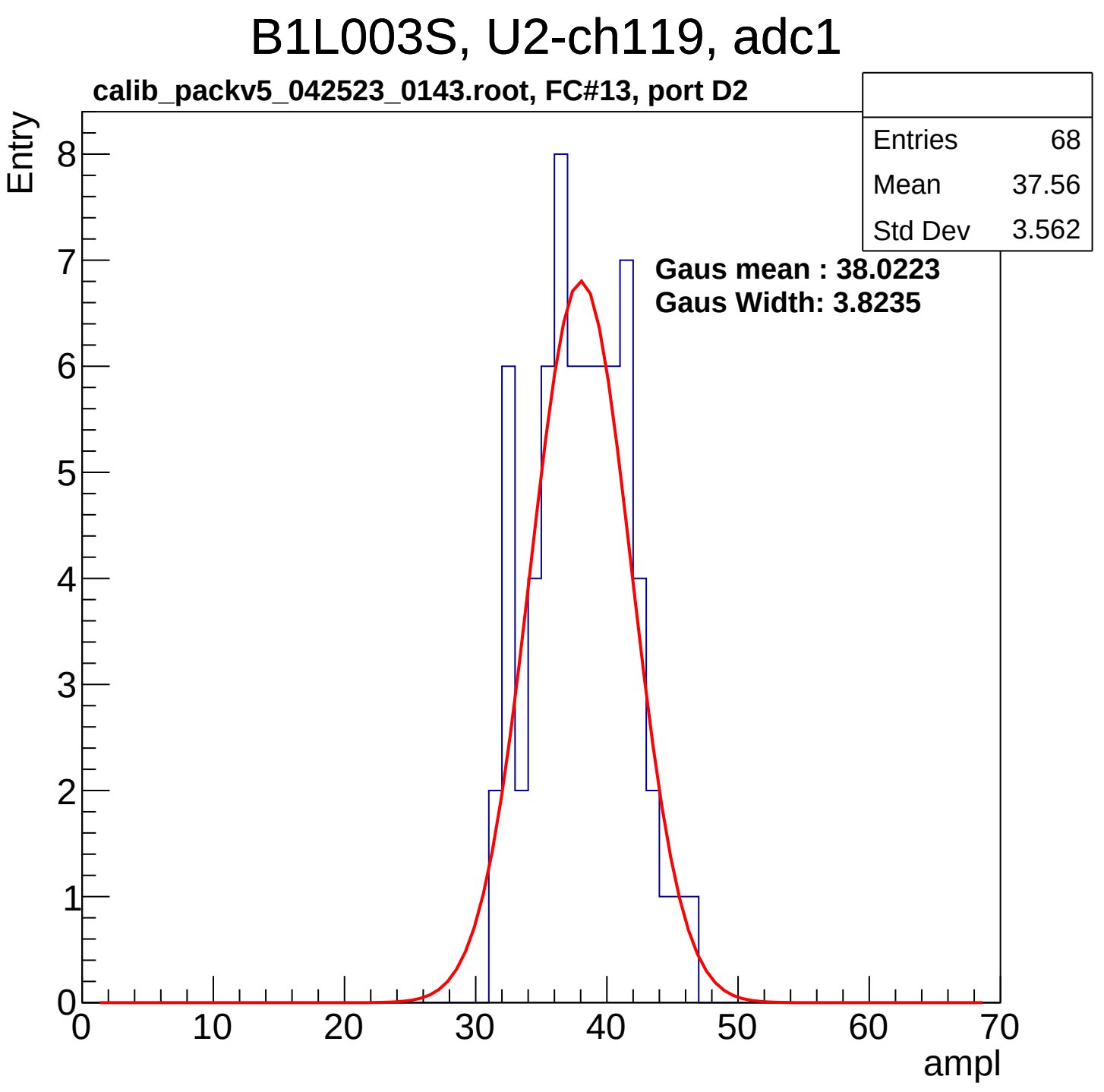
60
70


B1L003S, U2-ch119, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 37.56
Std Dev 3.562
Gaus mean : 38.0223
Gaus Width: 3.8235
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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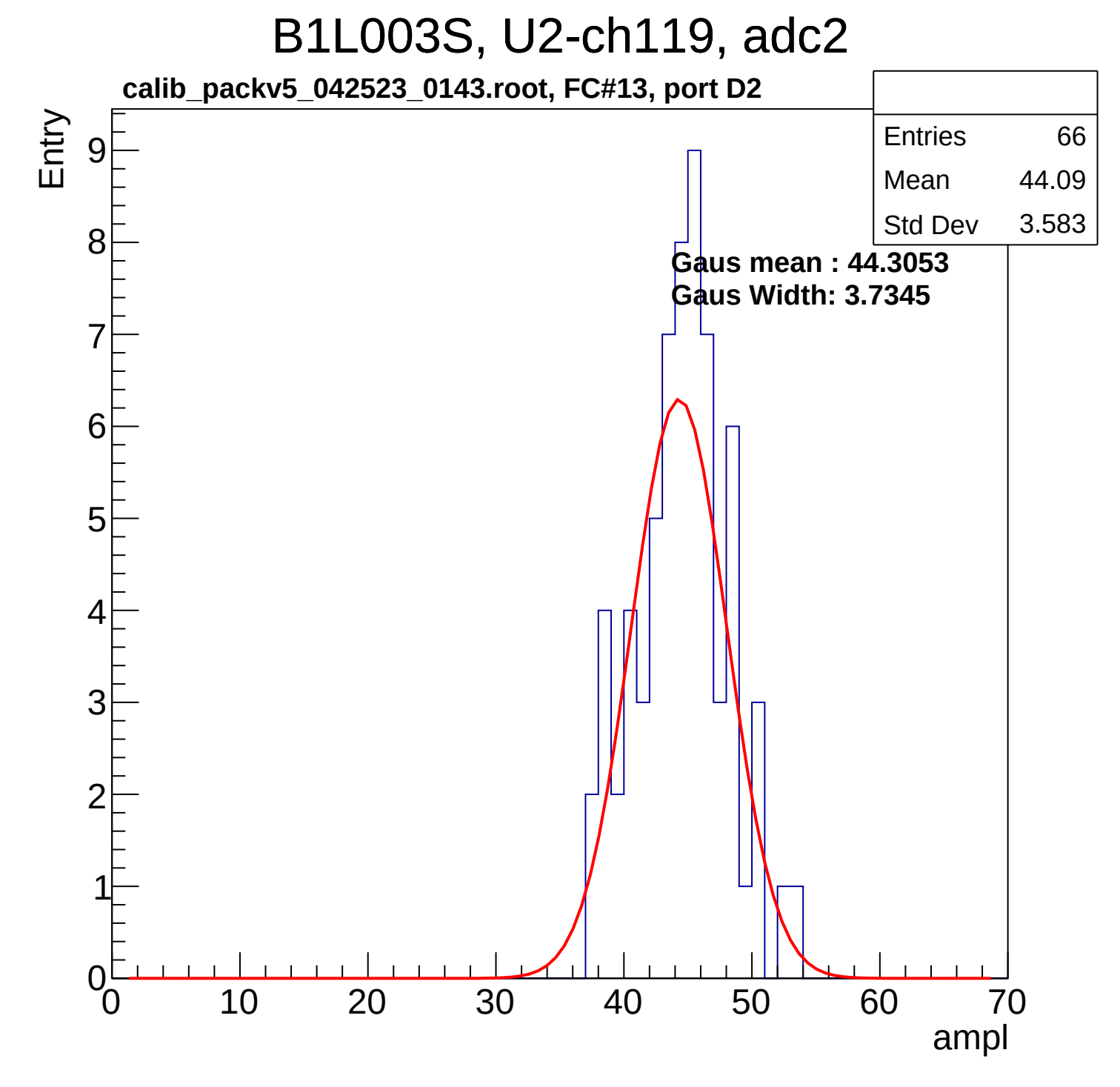
60
70


B1L003S, U2-ch119, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 44.09
Std Dev 3.583
Gaus mean : 44.3053
Gaus Width: 3.7345
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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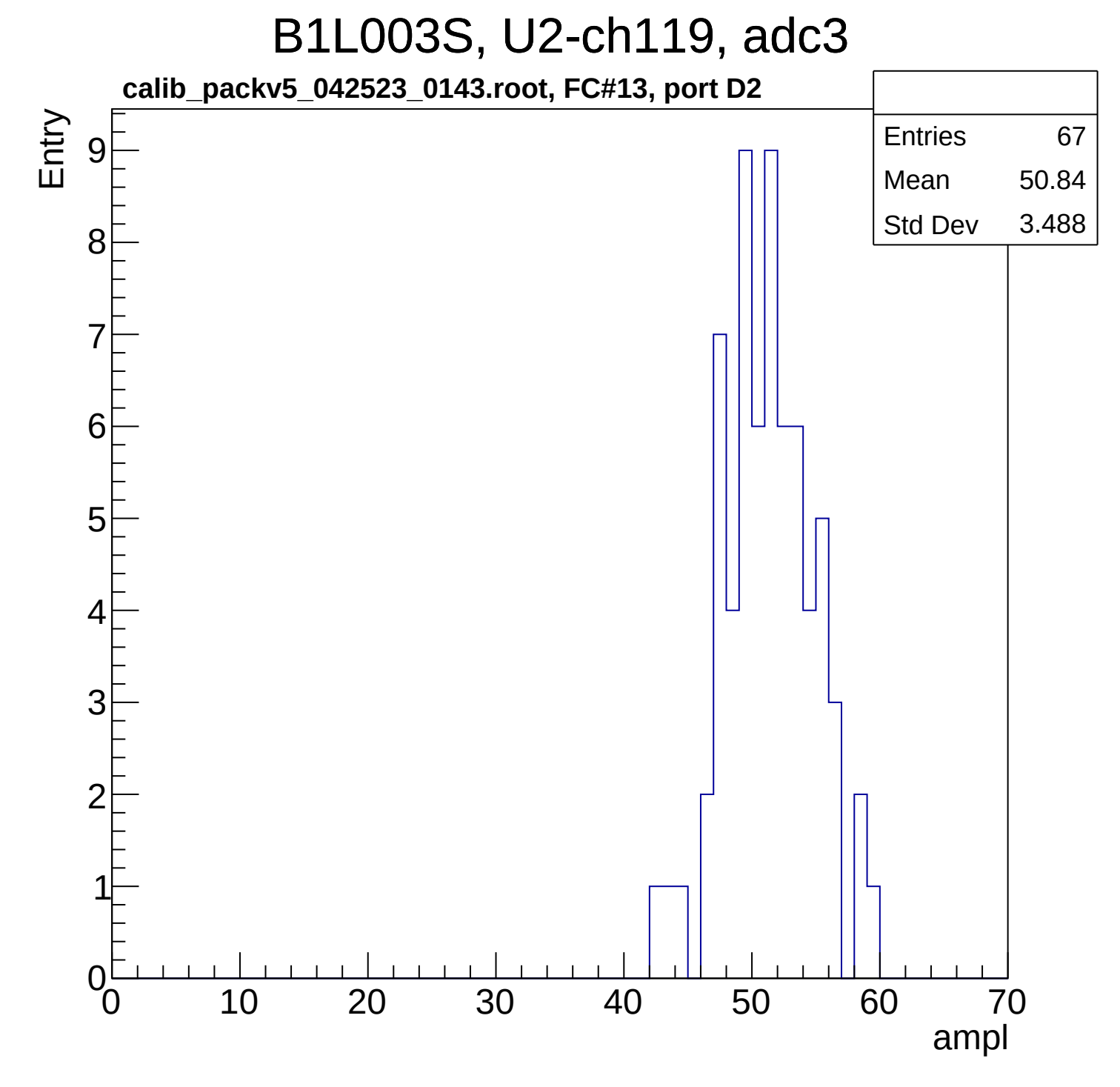
B1L003S, U2-ch119, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 50.84
Std Dev 3.488
Entry
ampl
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6
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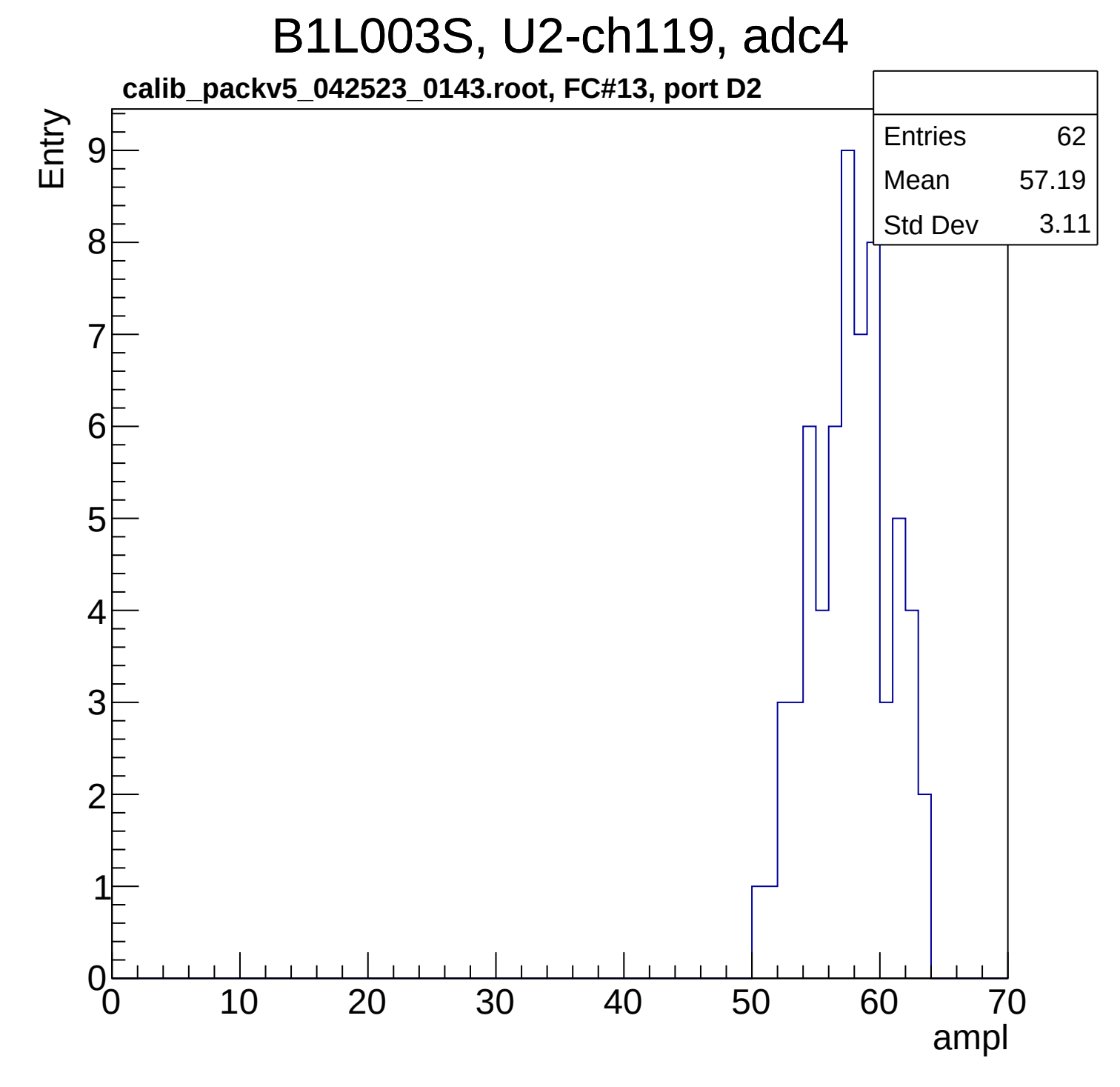
B1L003S, U2-ch119, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 57.19
Std Dev 3.11
Entry
ampl
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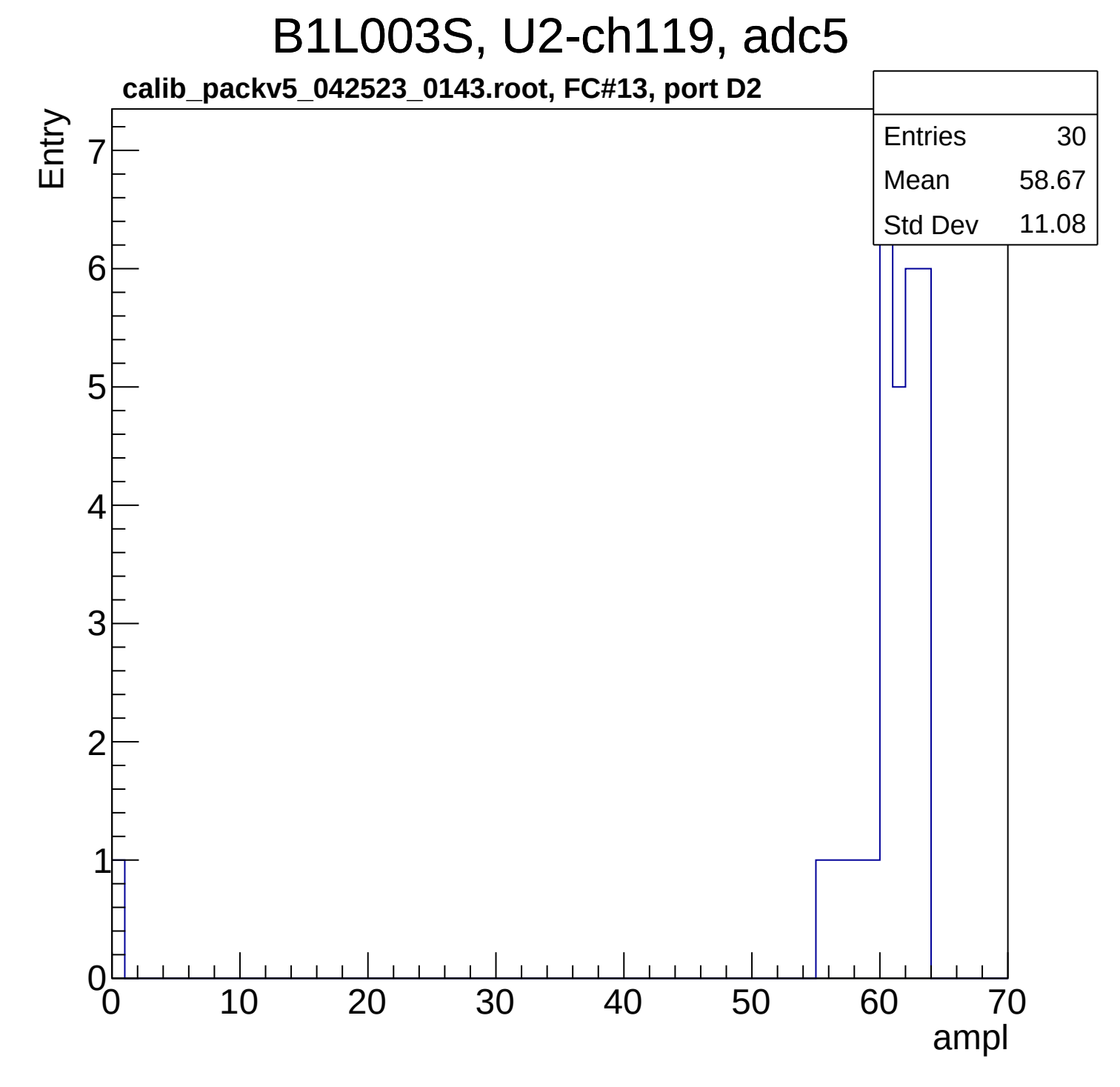
B1L003S, U2-ch119, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 30
Mean 58.67
Std Dev 11.08
Entry
ampl
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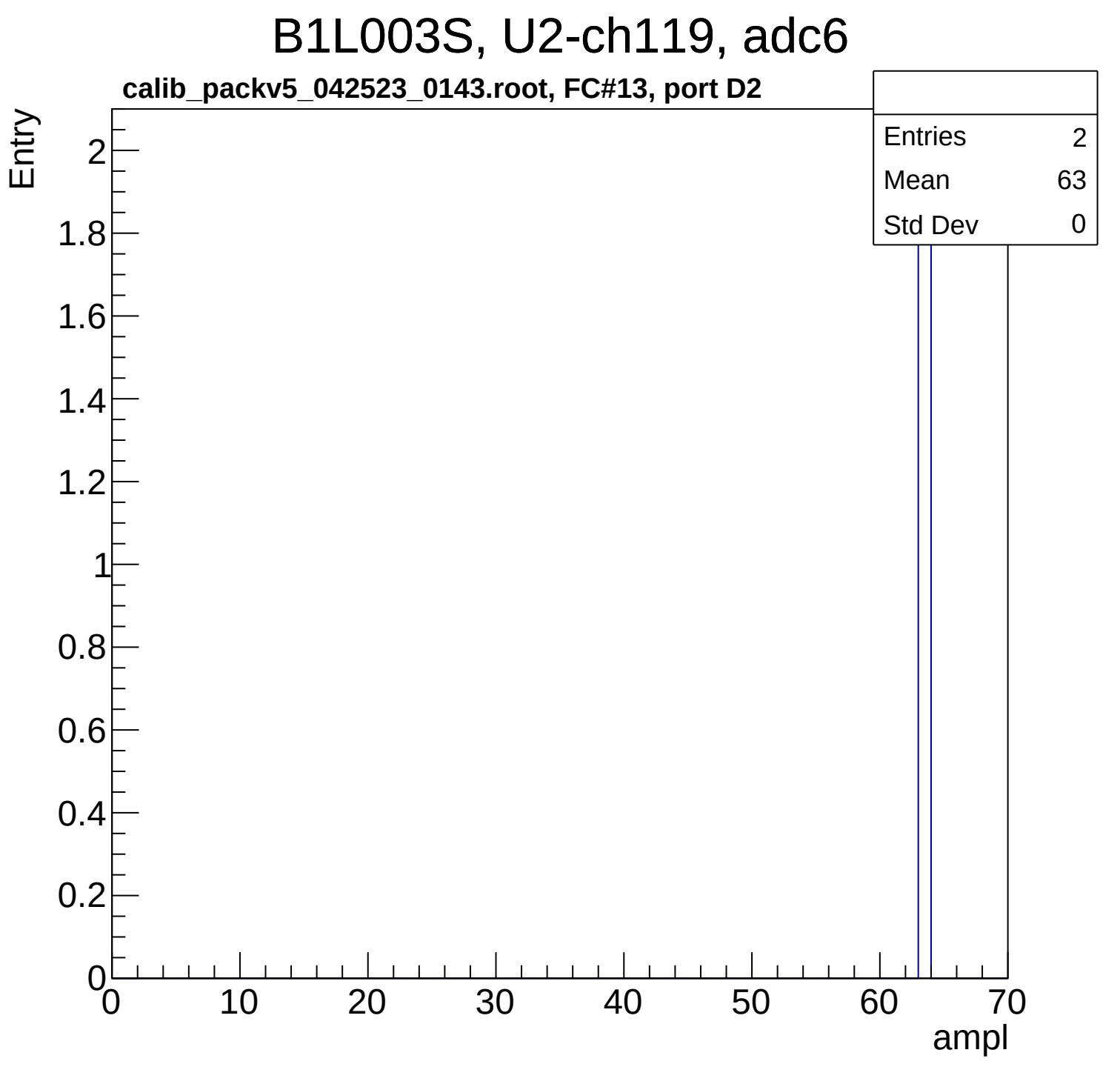
B1L003S, U2-ch119, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1.4
1.6
1.8
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60
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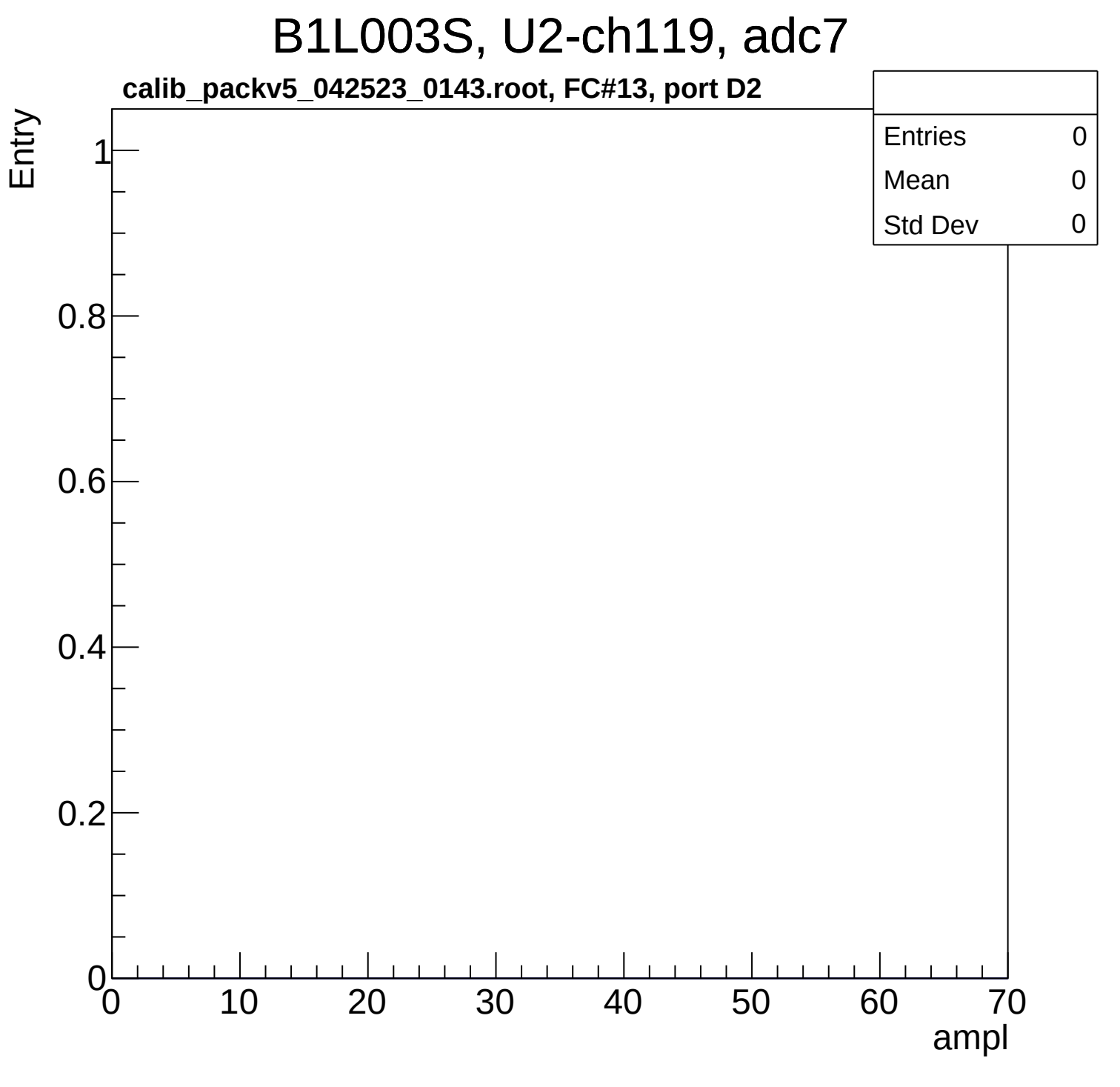
B1L003S, U2-ch119, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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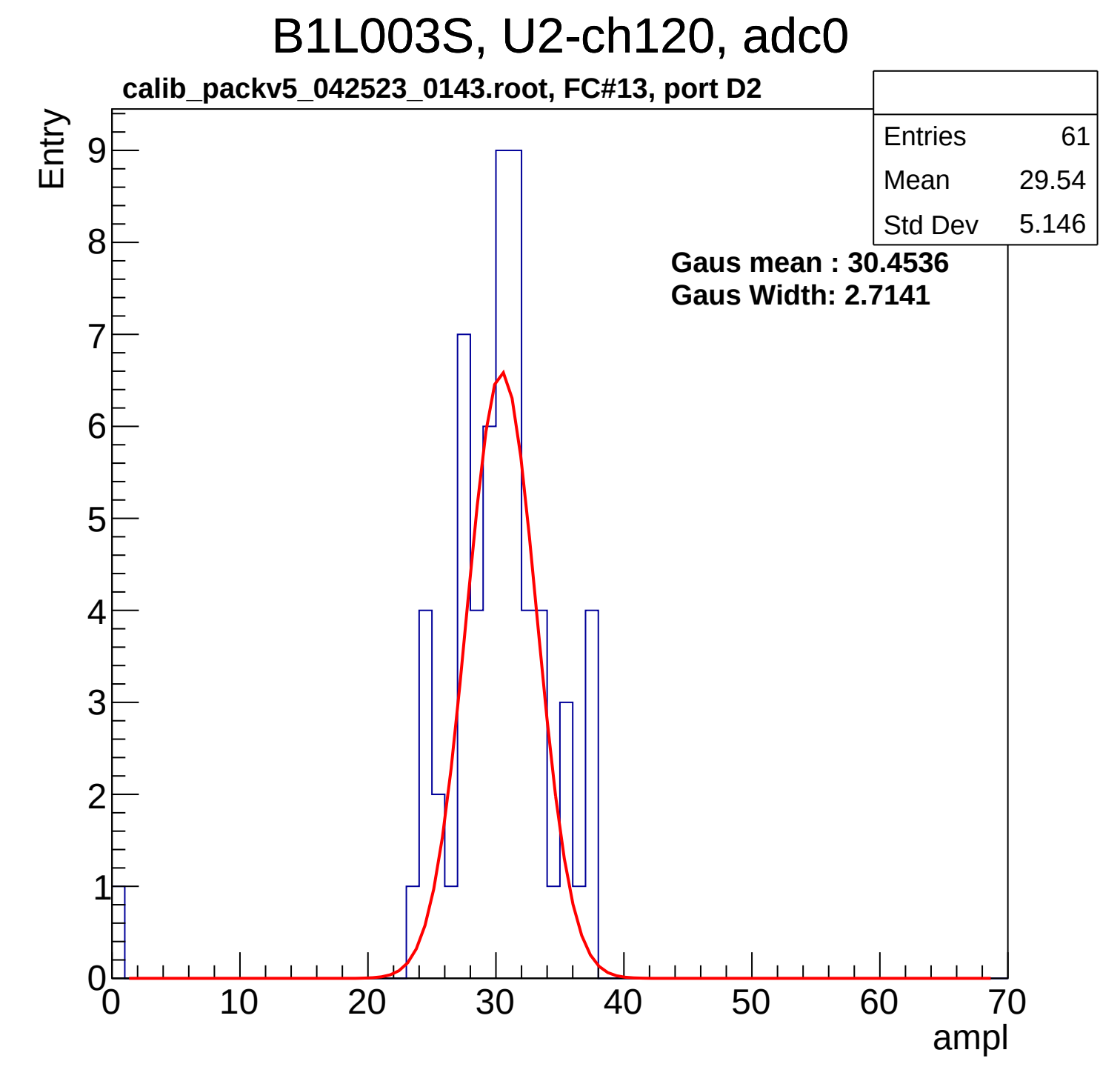
70
ampl


B1L003S, U2-ch120, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 29.54
Std Dev 5.146
Gaus mean : 30.4536
Gaus Width: 2.7141
Entry
ampl
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2
3
4
5
6
7
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60
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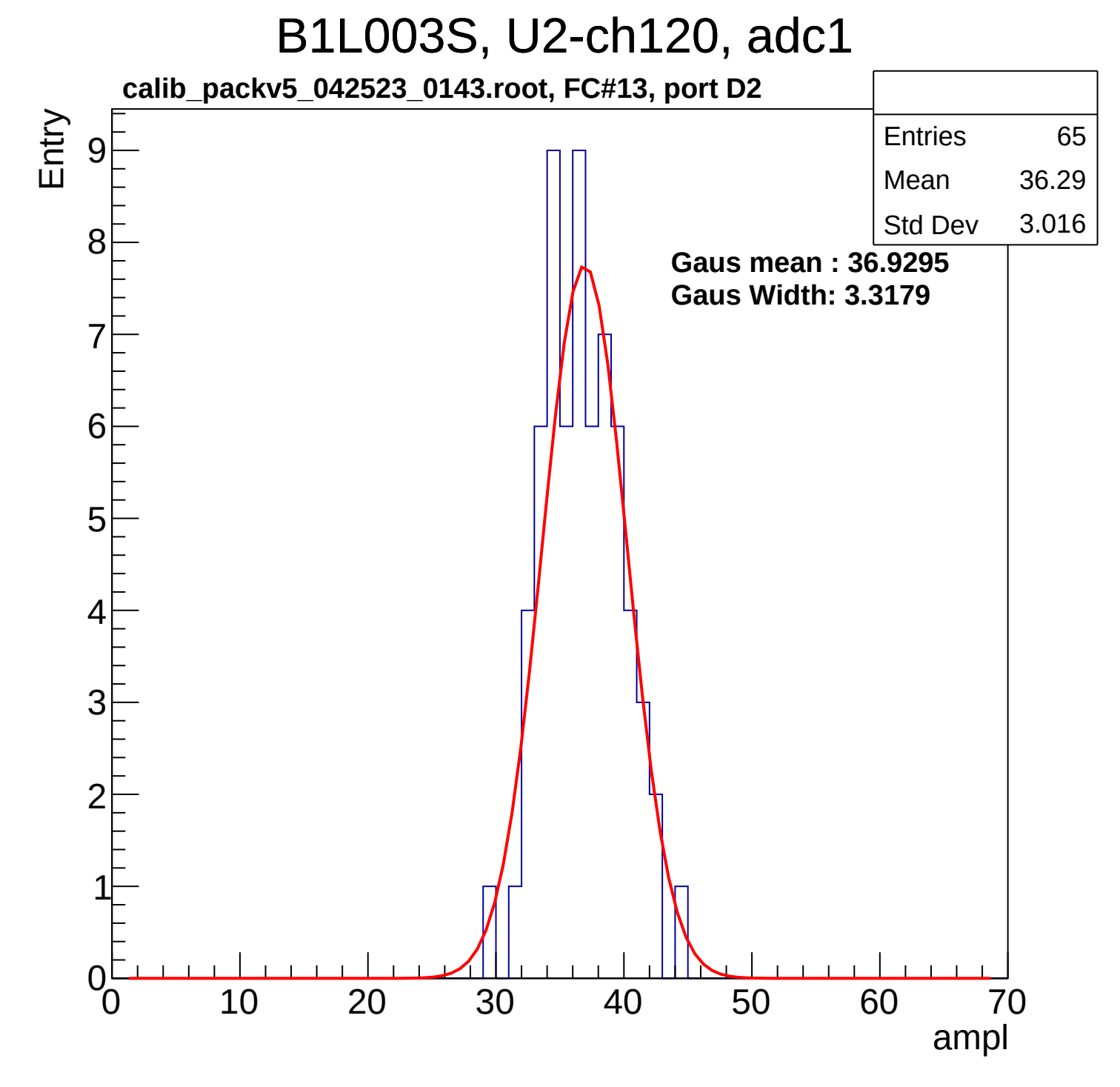
B1L003S, U2-ch120, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 36.29
Std Dev 3.016
Gaus mean : 36.9295
Gaus Width: 3.3179
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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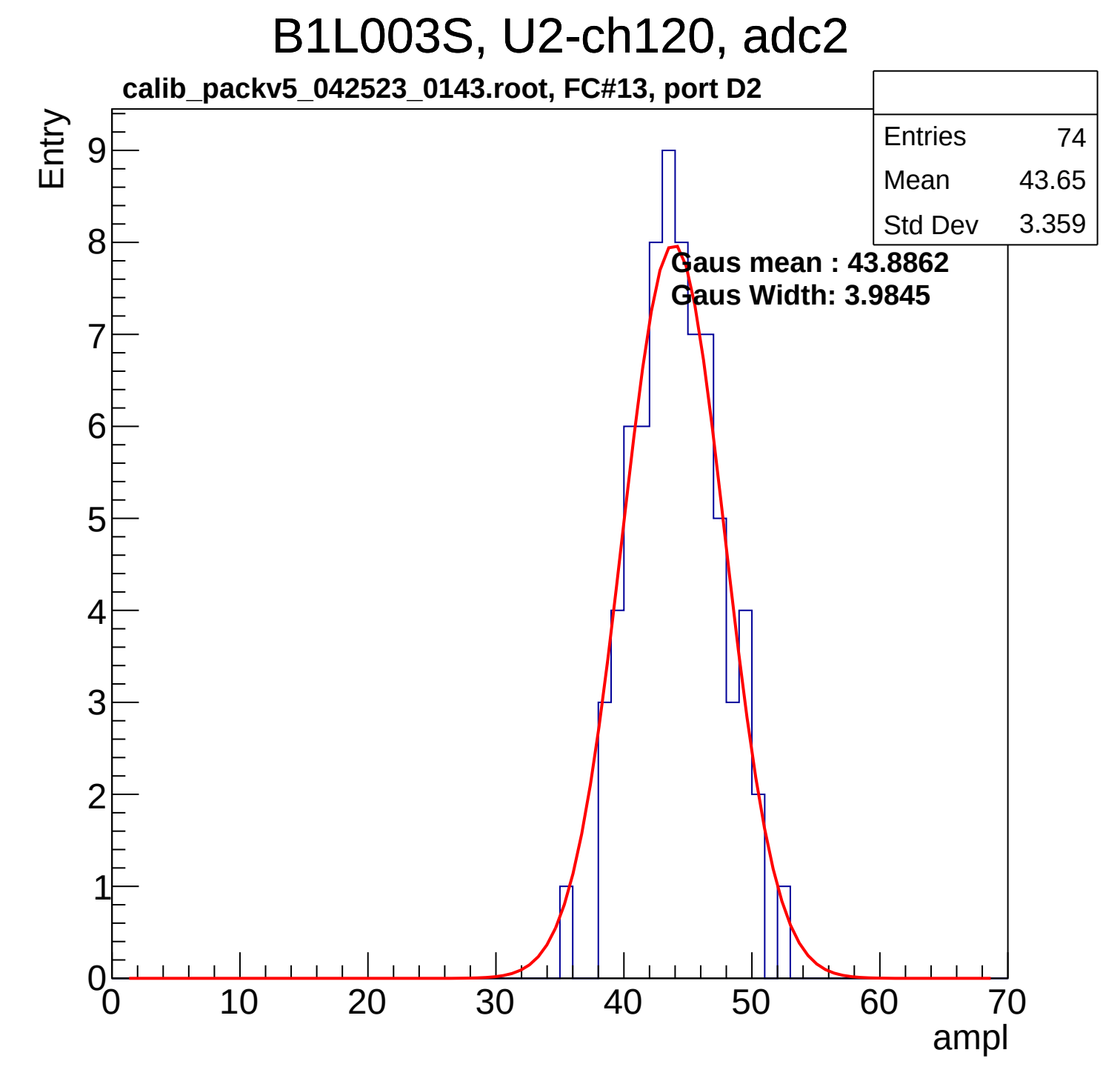
B1L003S, U2-ch120, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 43.65
Std Dev 3.359
Gaus mean : 43.8862
Gaus Width: 3.9845
Entry
ampl
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3
4
5
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0
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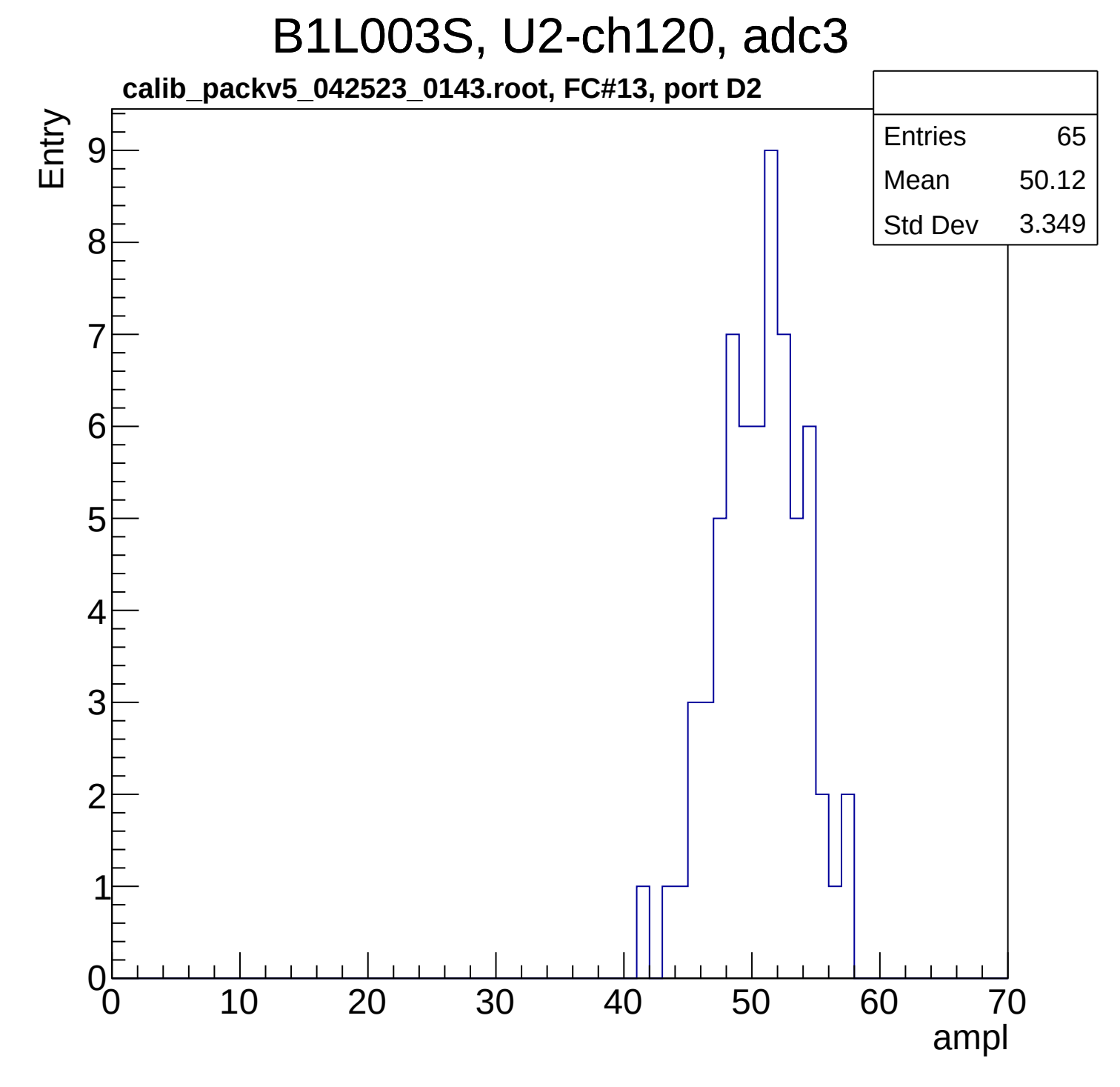
B1L003S, U2-ch120, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 50.12
Std Dev 3.349
Entry
ampl
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1
2
3
4
5
6
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8
9
0
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20
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40
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60
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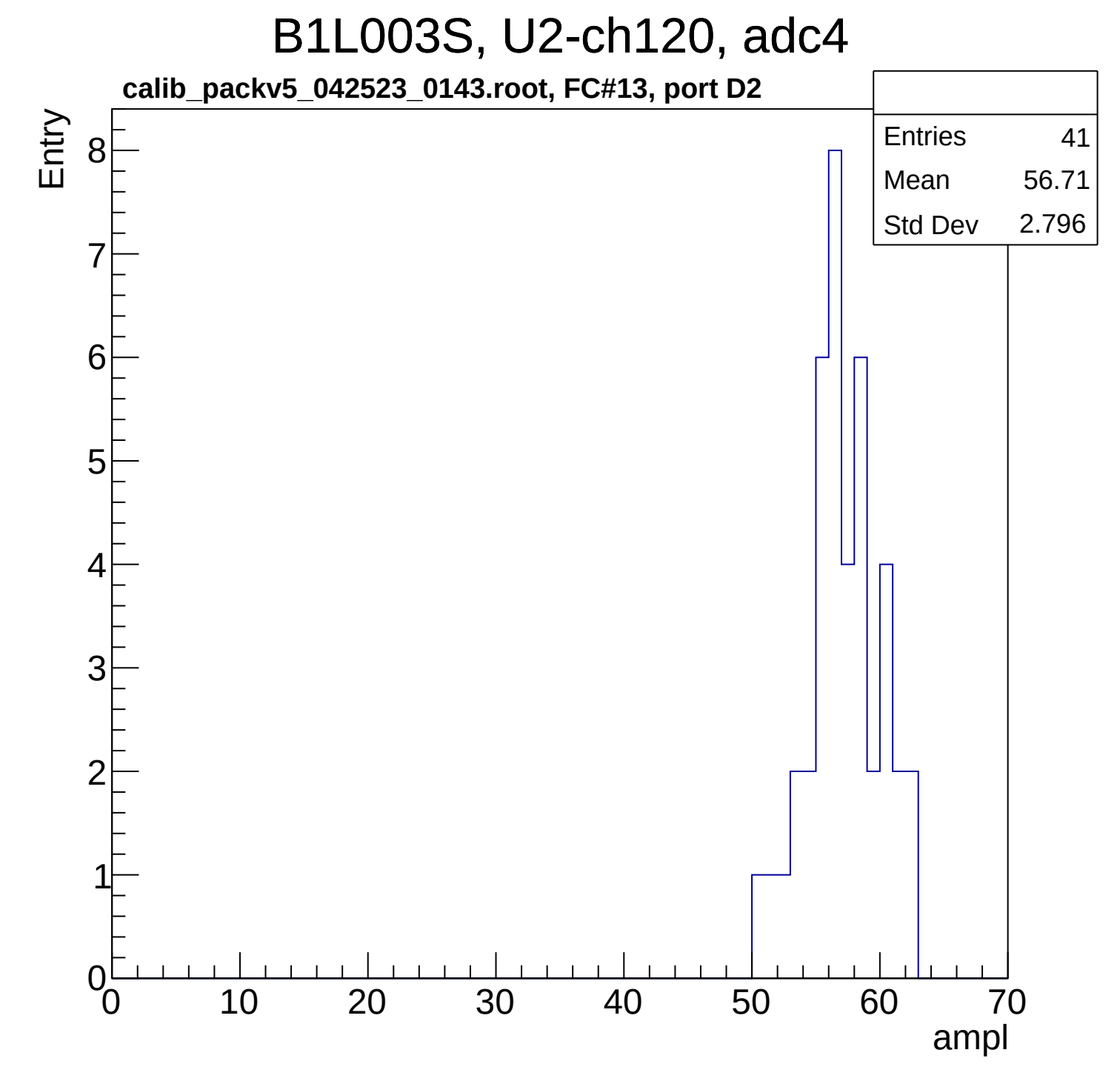
B1L003S, U2-ch120, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 56.71
Std Dev 2.796
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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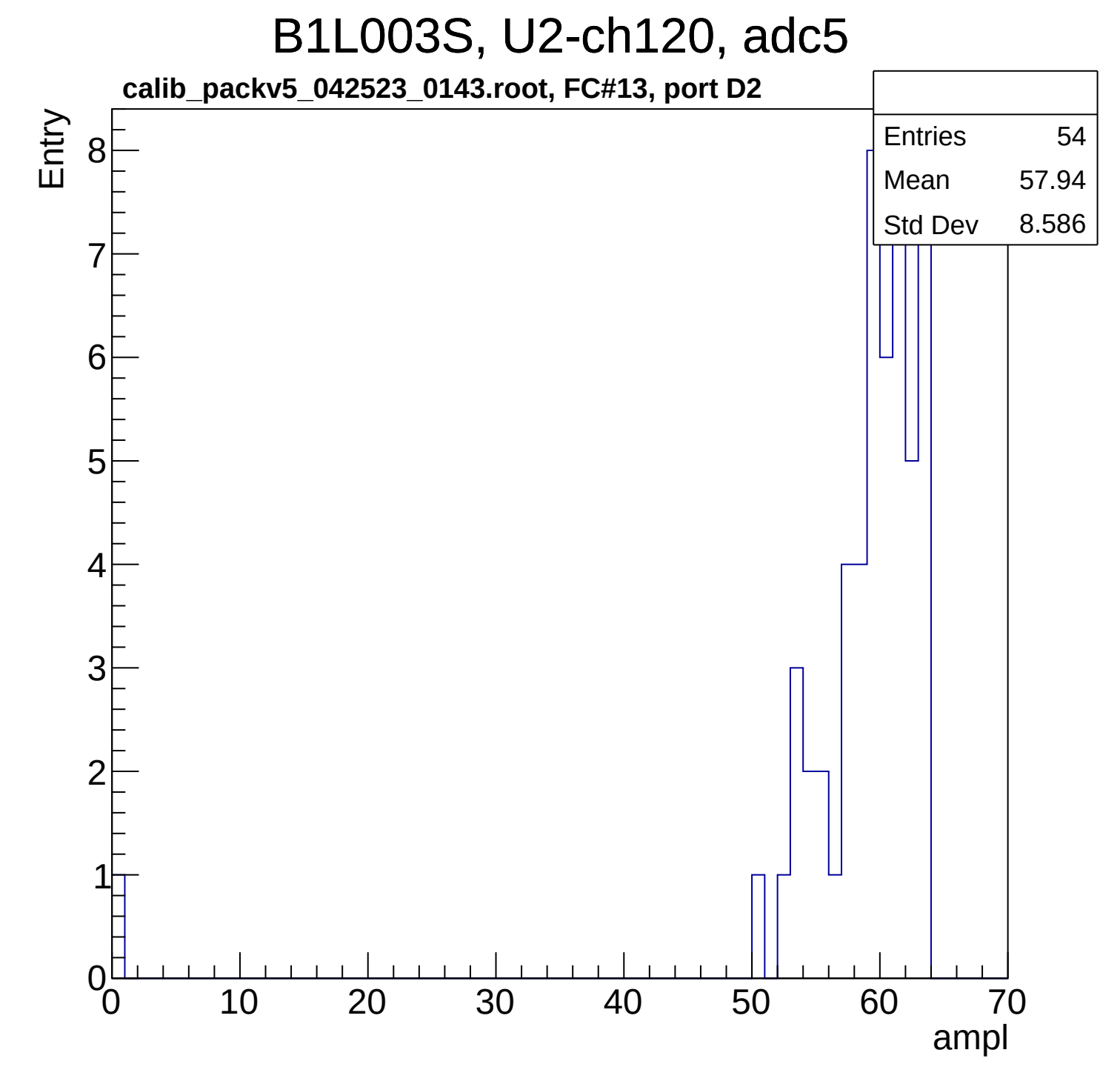
B1L003S, U2-ch120, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 57.94
Std Dev 8.586
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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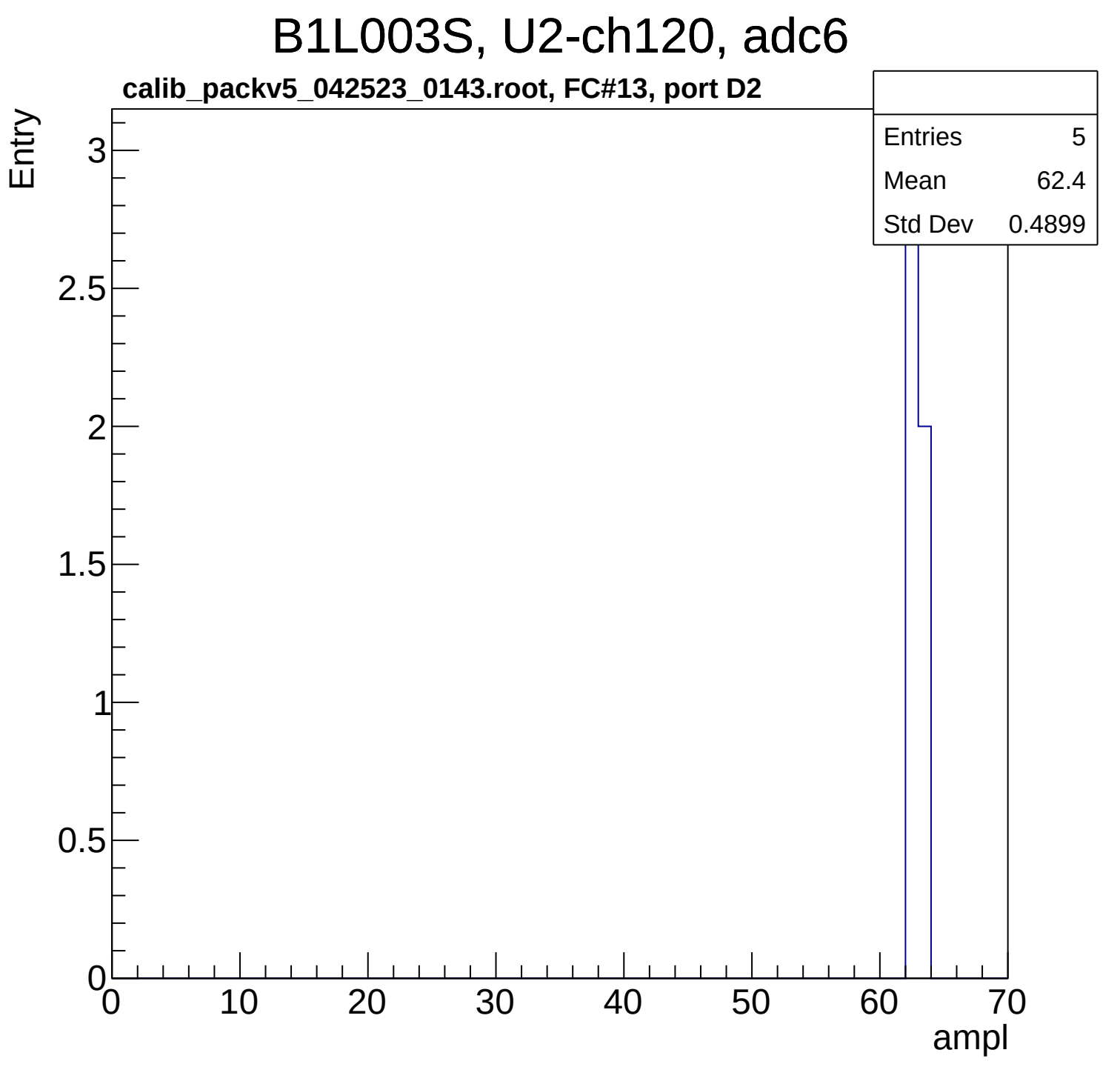
B1L003S, U2-ch120, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.4
Std Dev 0.4899
Entry
ampl
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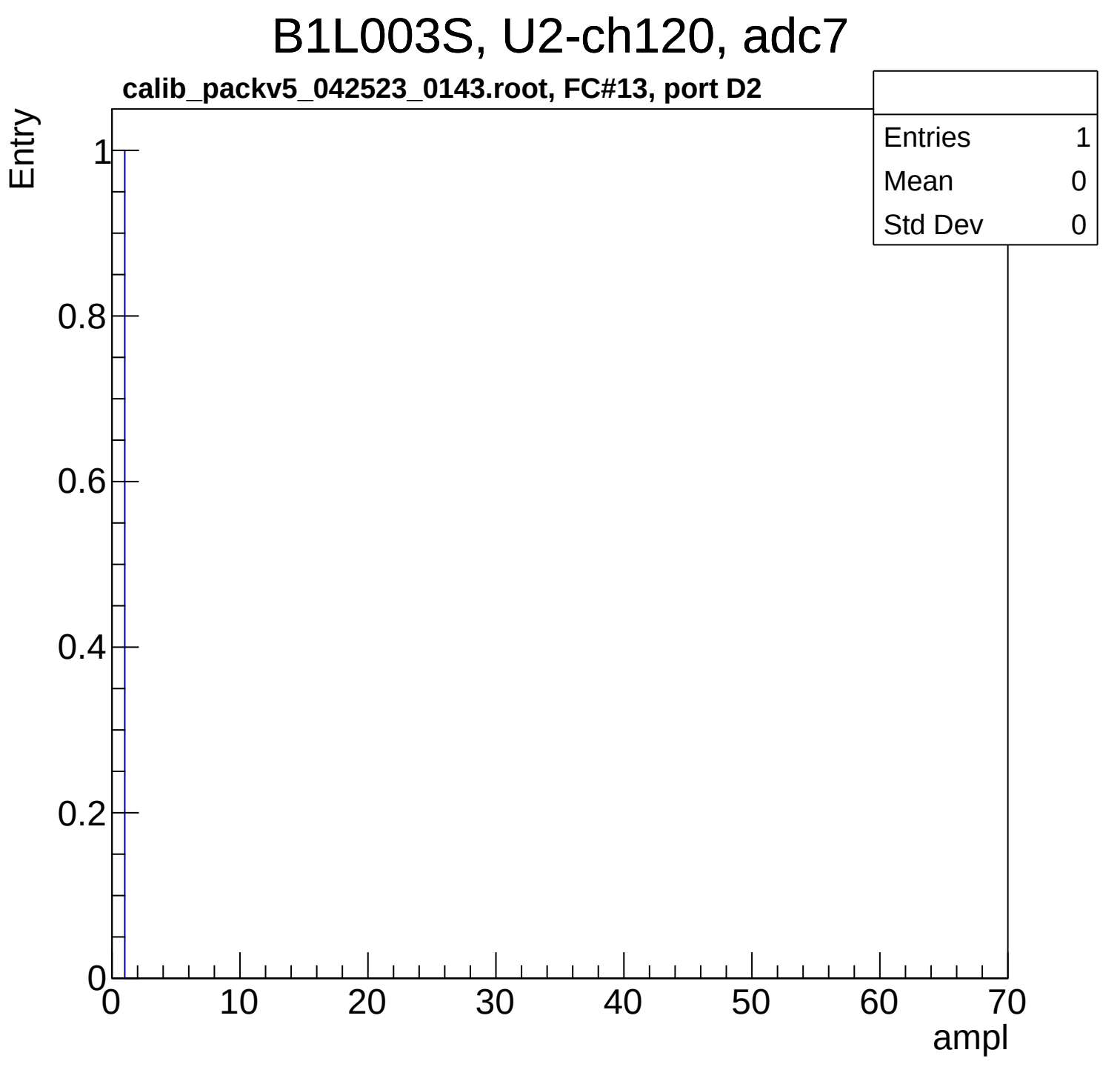
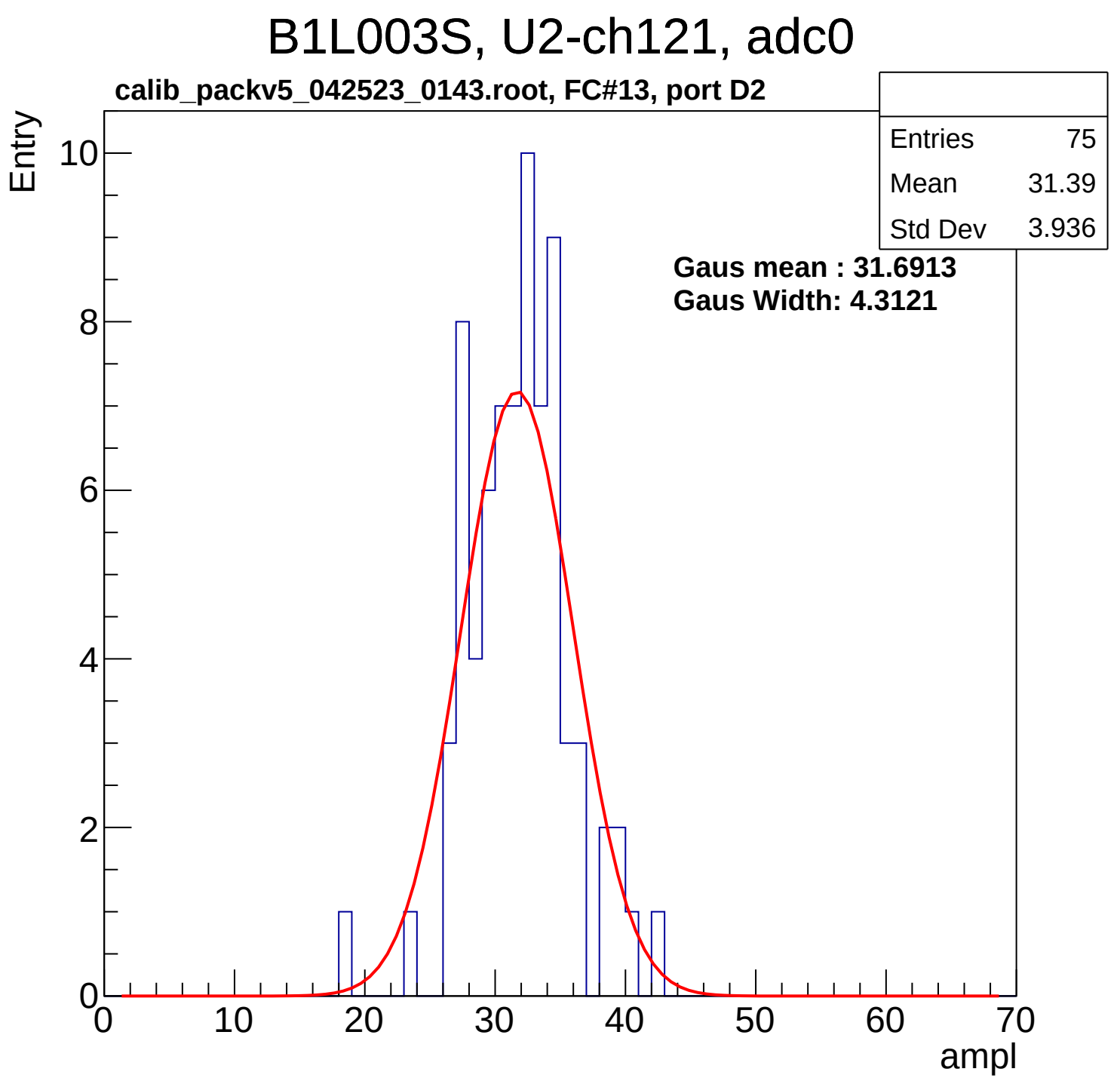
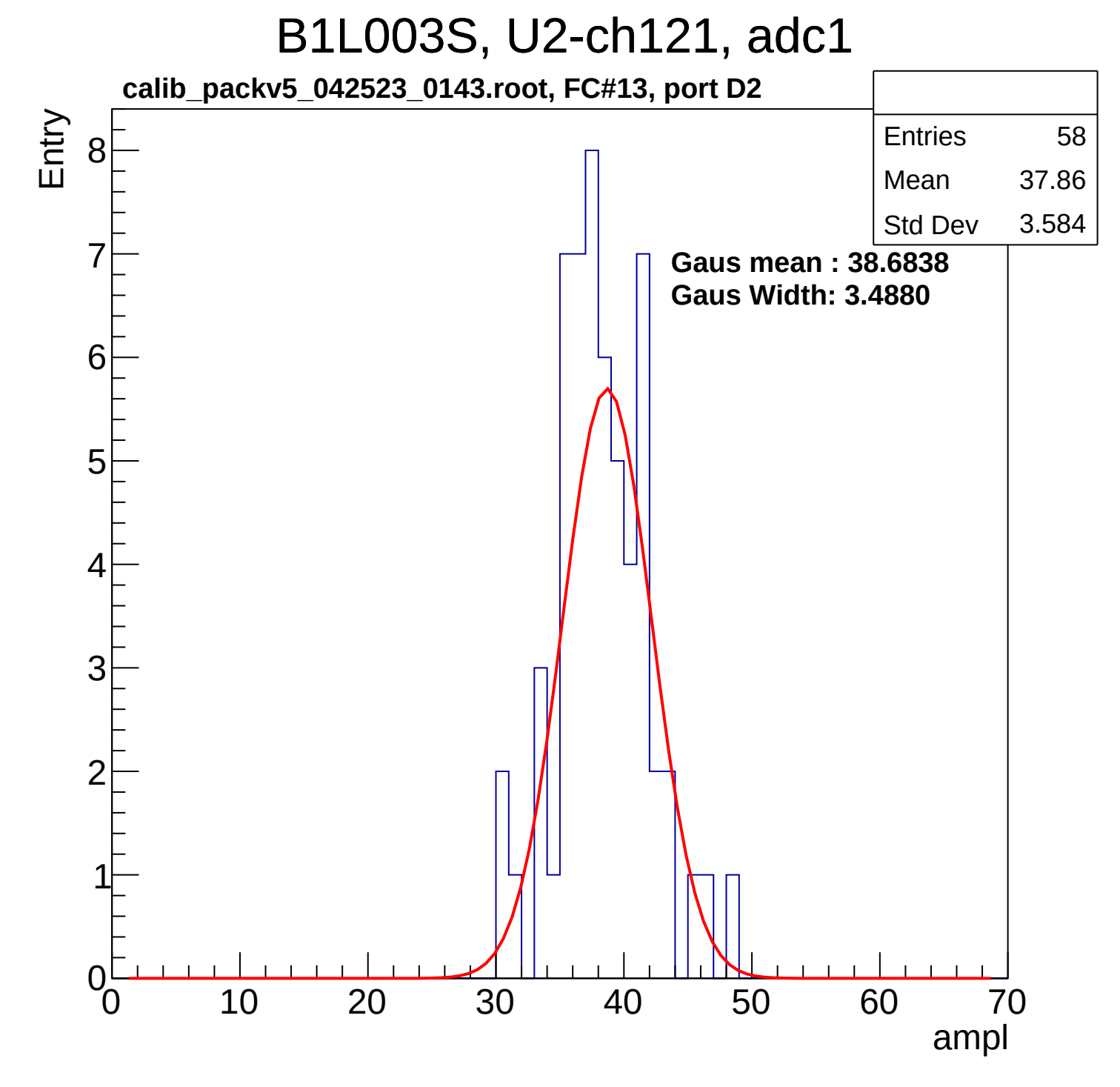
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U2-ch120, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch121, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 31.39
Std Dev 3.936
Gaus mean : 31.6913
Gaus Width: 4.3121
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch121, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 37.86
Std Dev 3.584
Gaus mean : 38.6838
Gaus Width: 3.4880
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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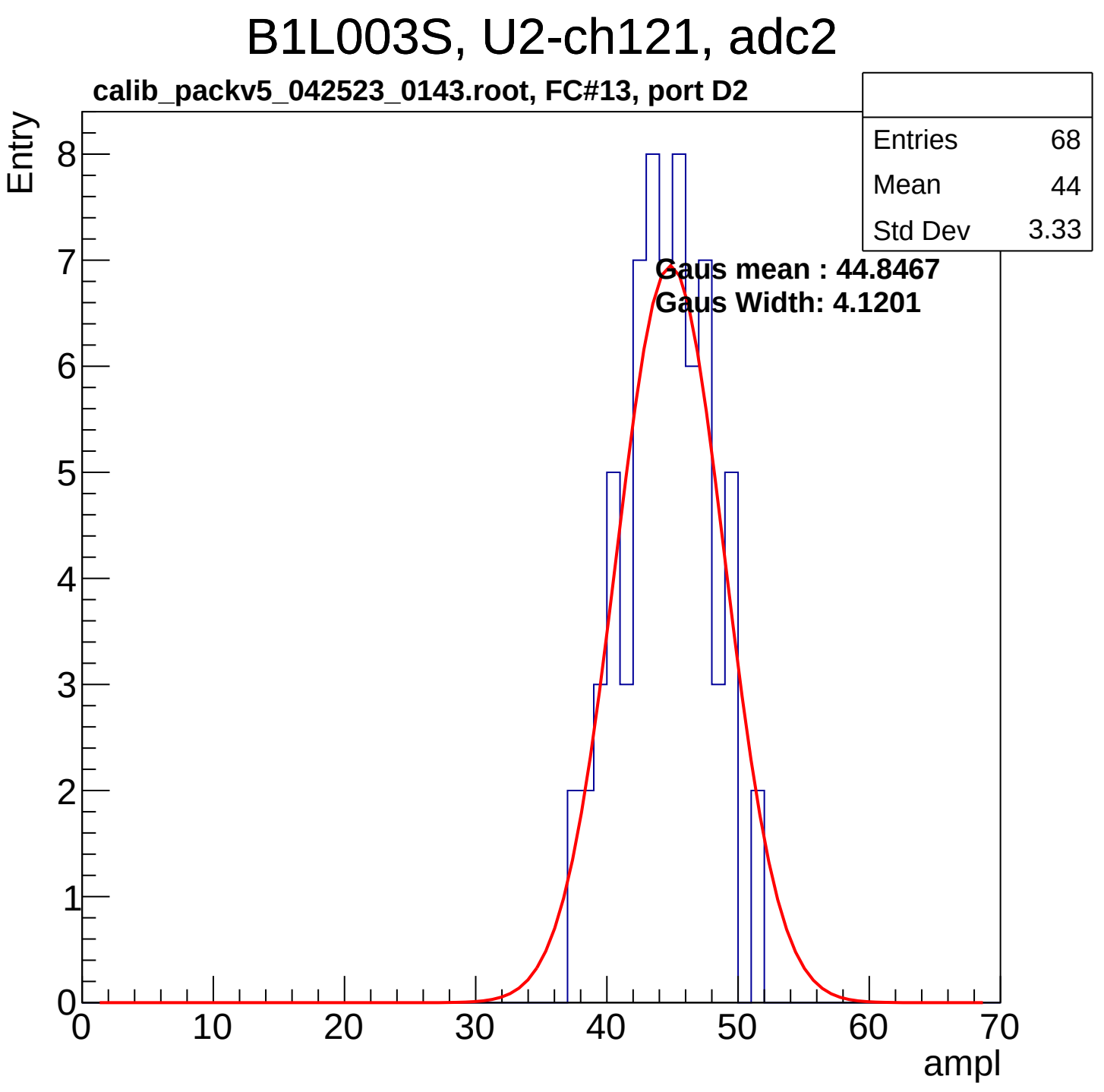
B1L003S, U2-ch121, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 44
Std Dev 3.33
Gaus mean : 44.8467
Gaus Width: 4.1201
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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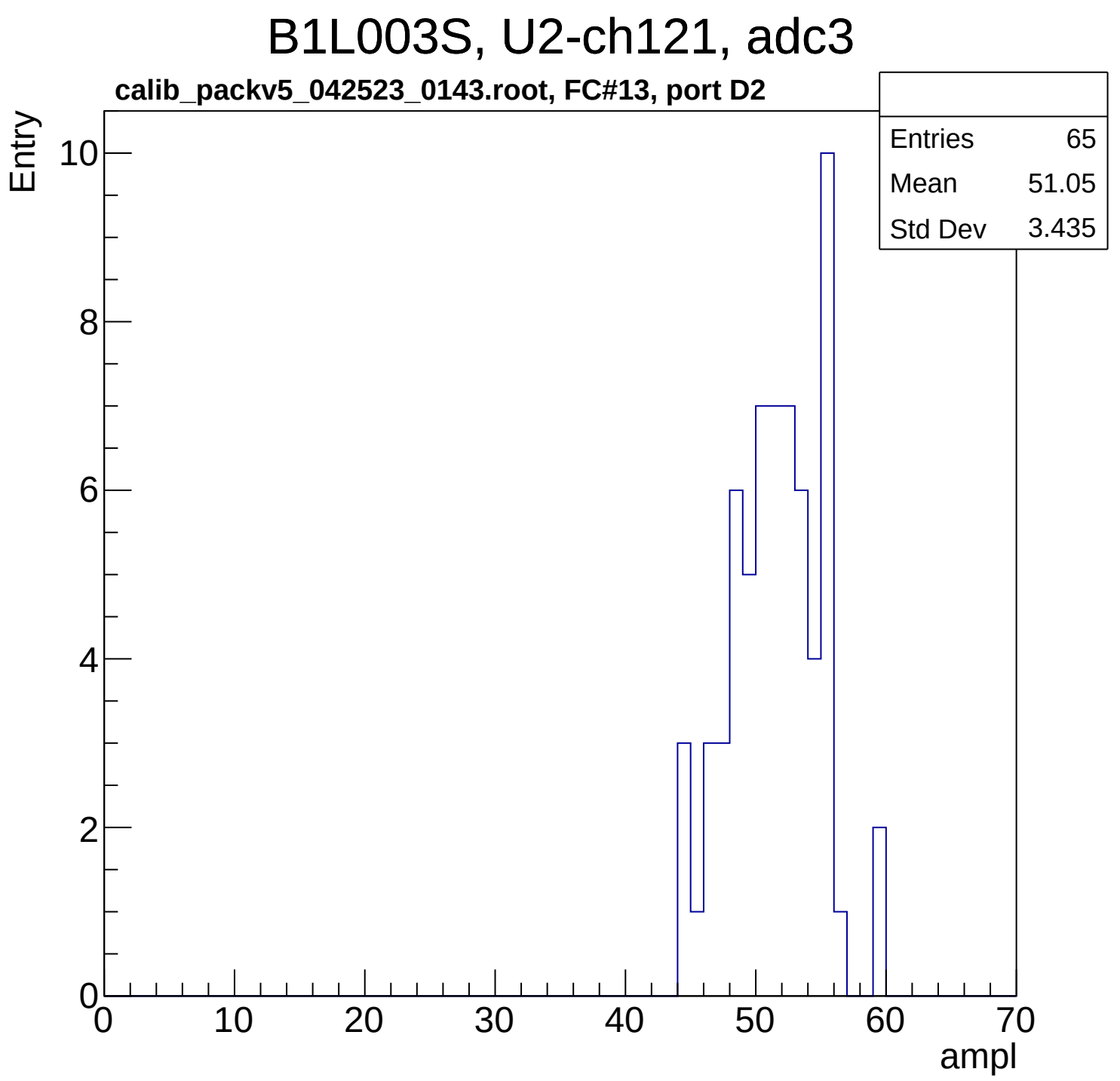
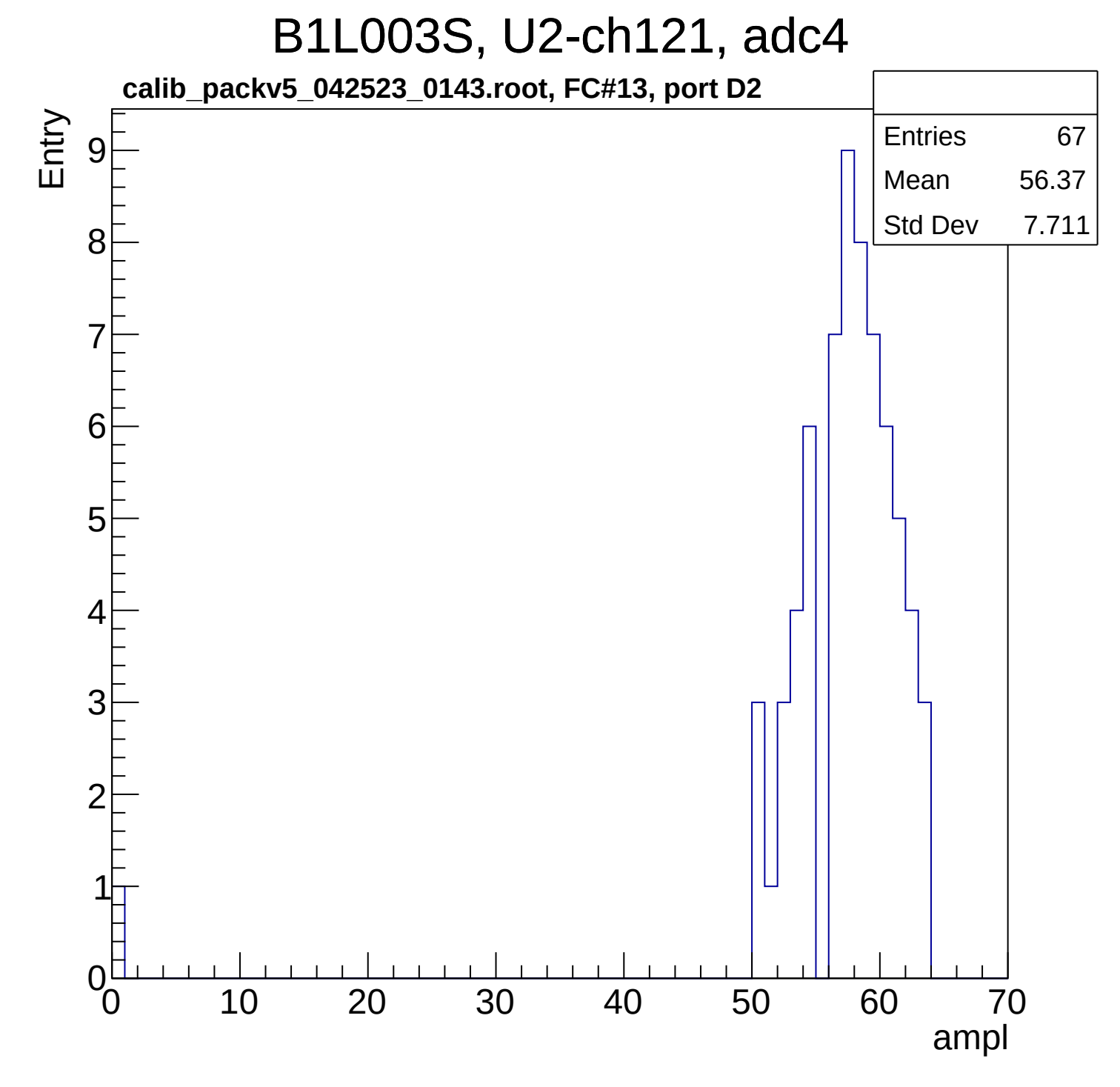
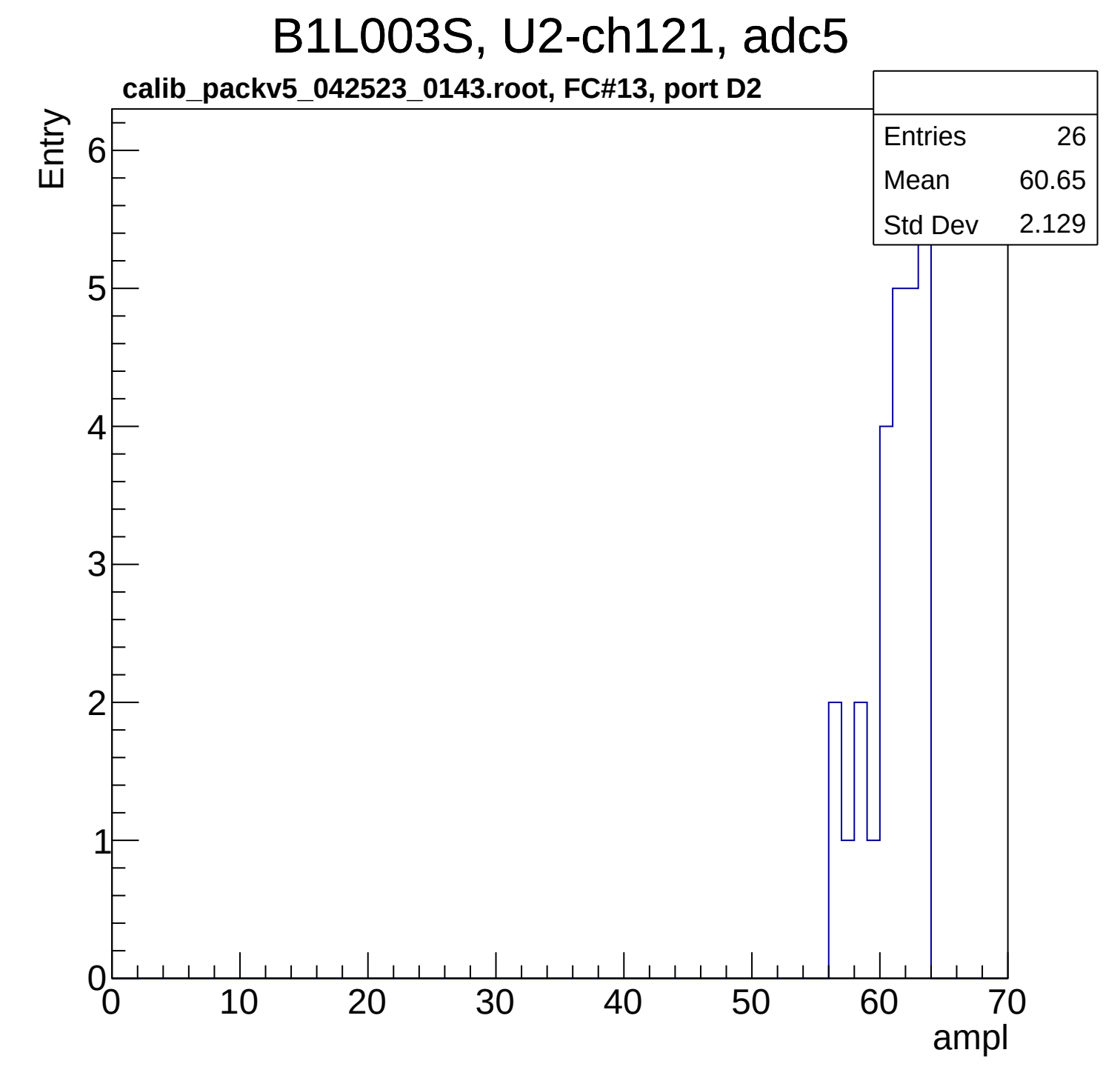
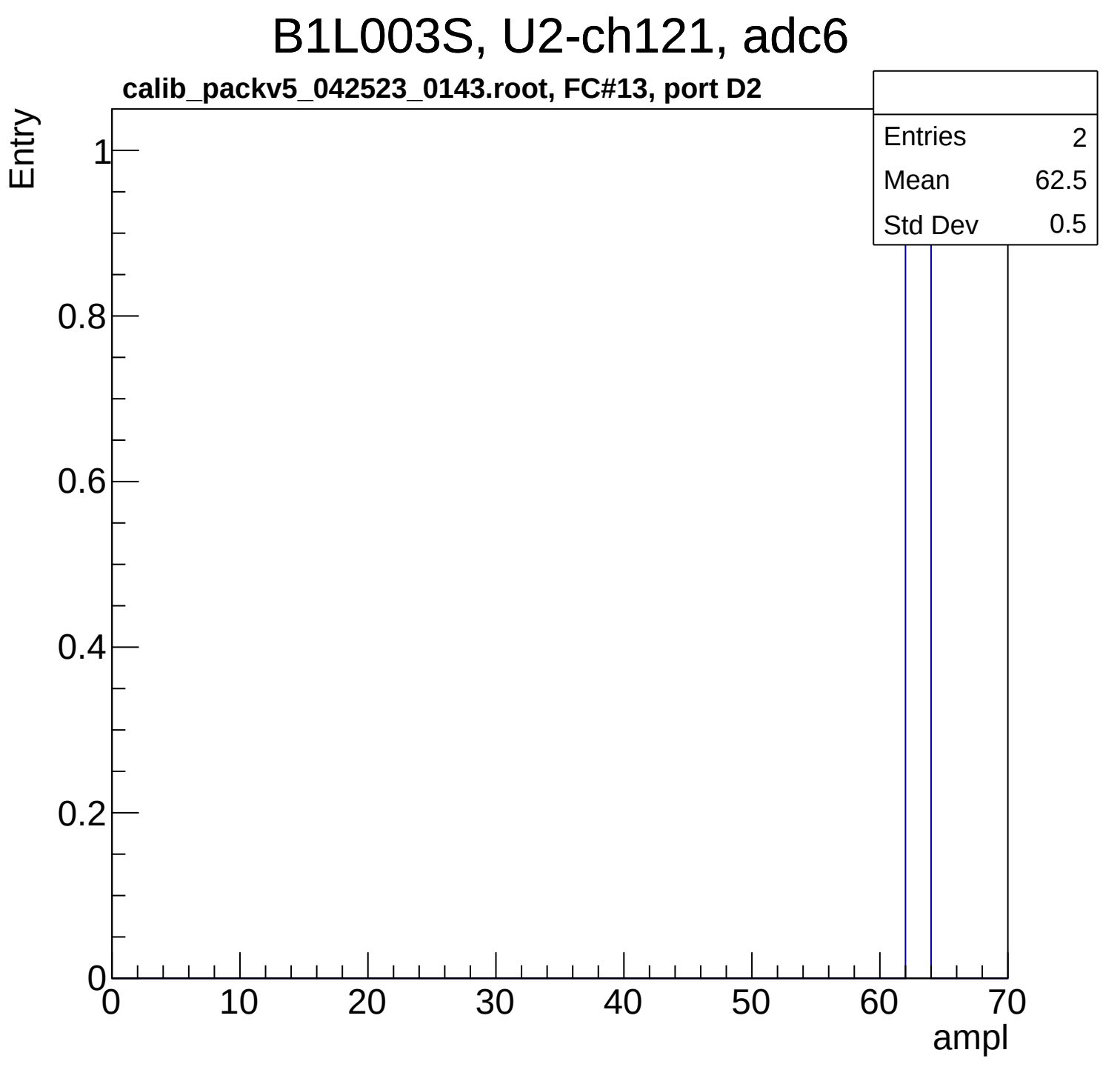

B1L003S, U2-ch121, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 51.05
Std Dev 3.435
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch121, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 56.37
Std Dev 7.711
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch121, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 26
Mean 60.65
Std Dev 2.129
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch121, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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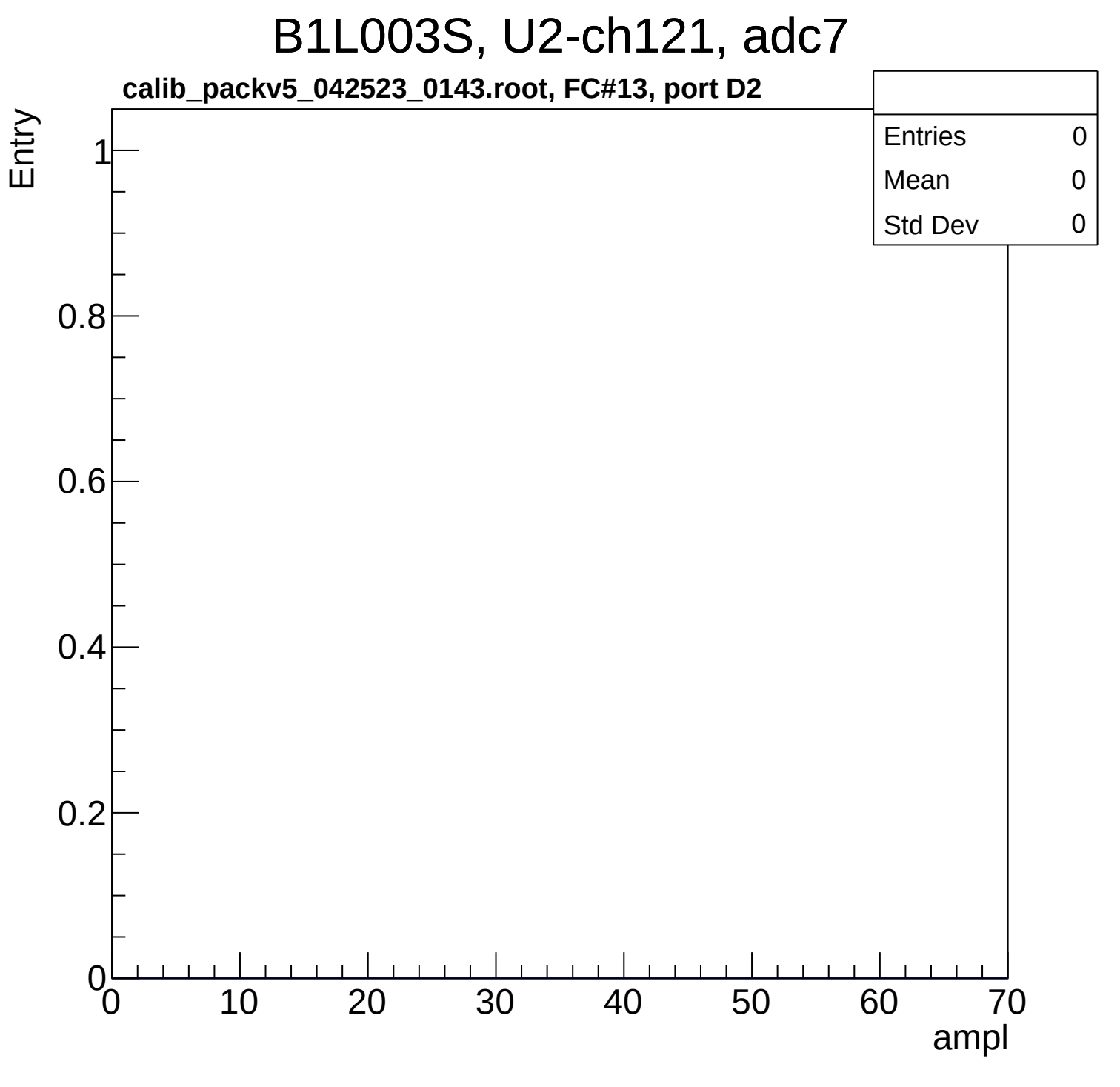
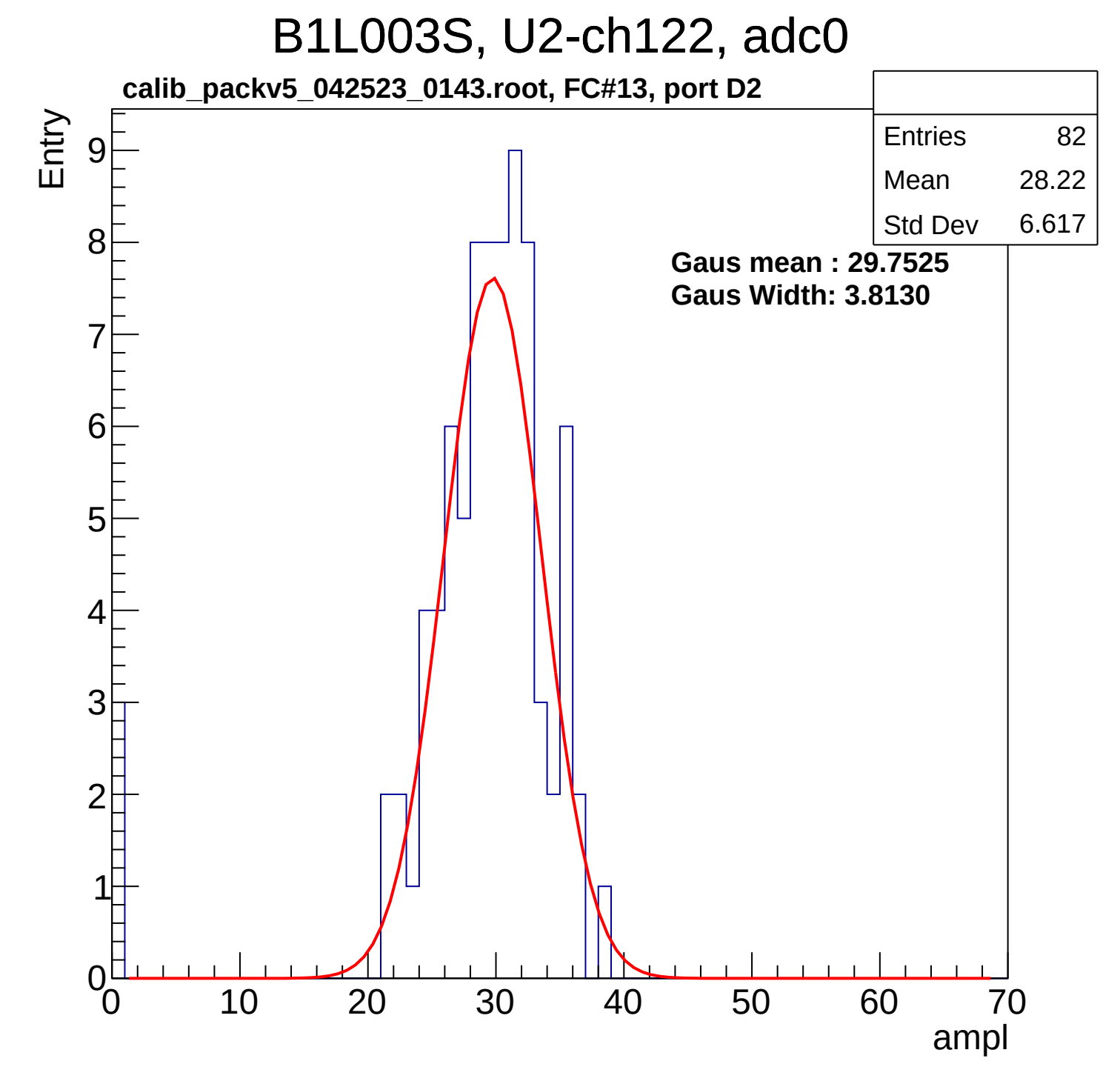
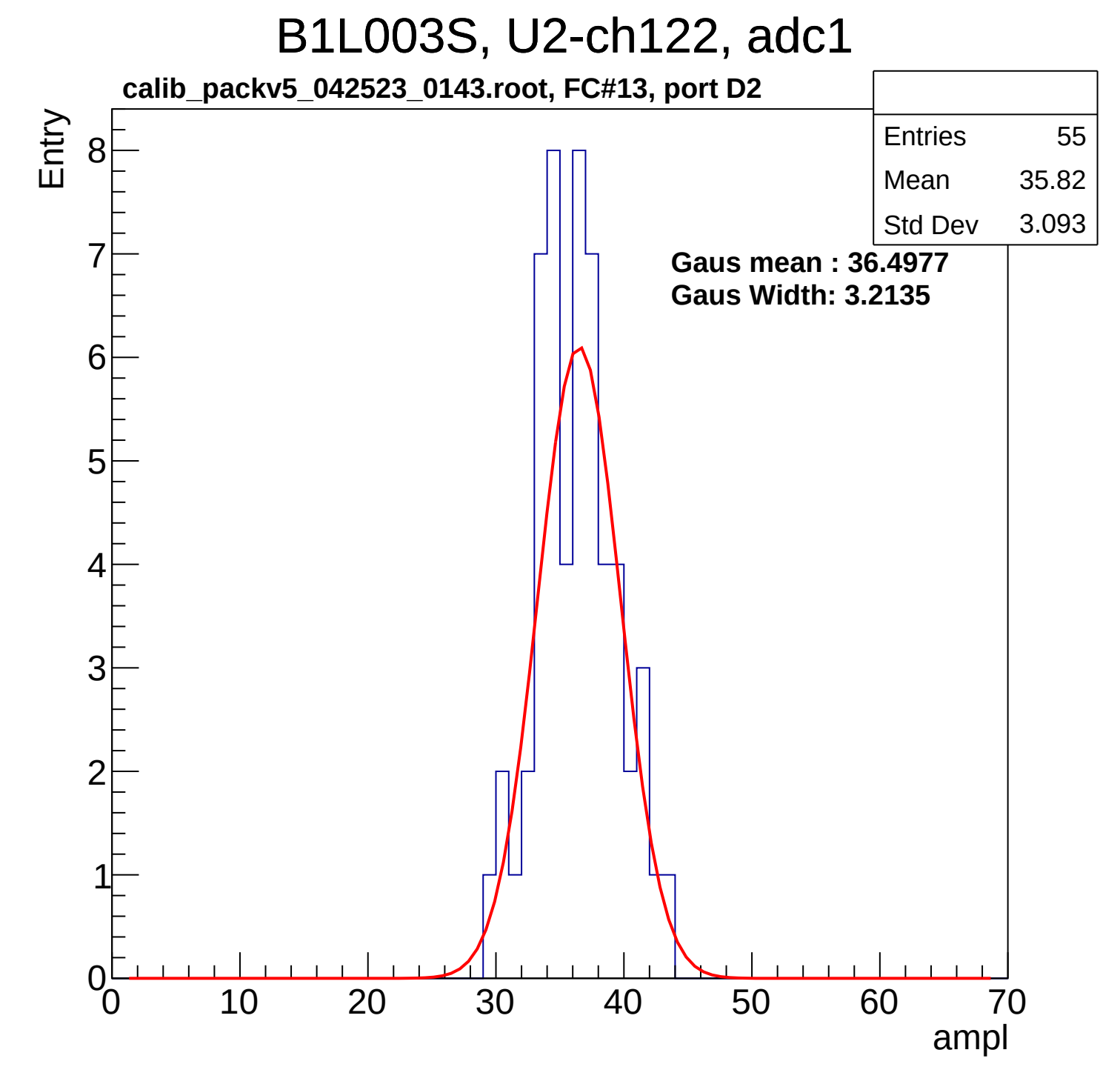
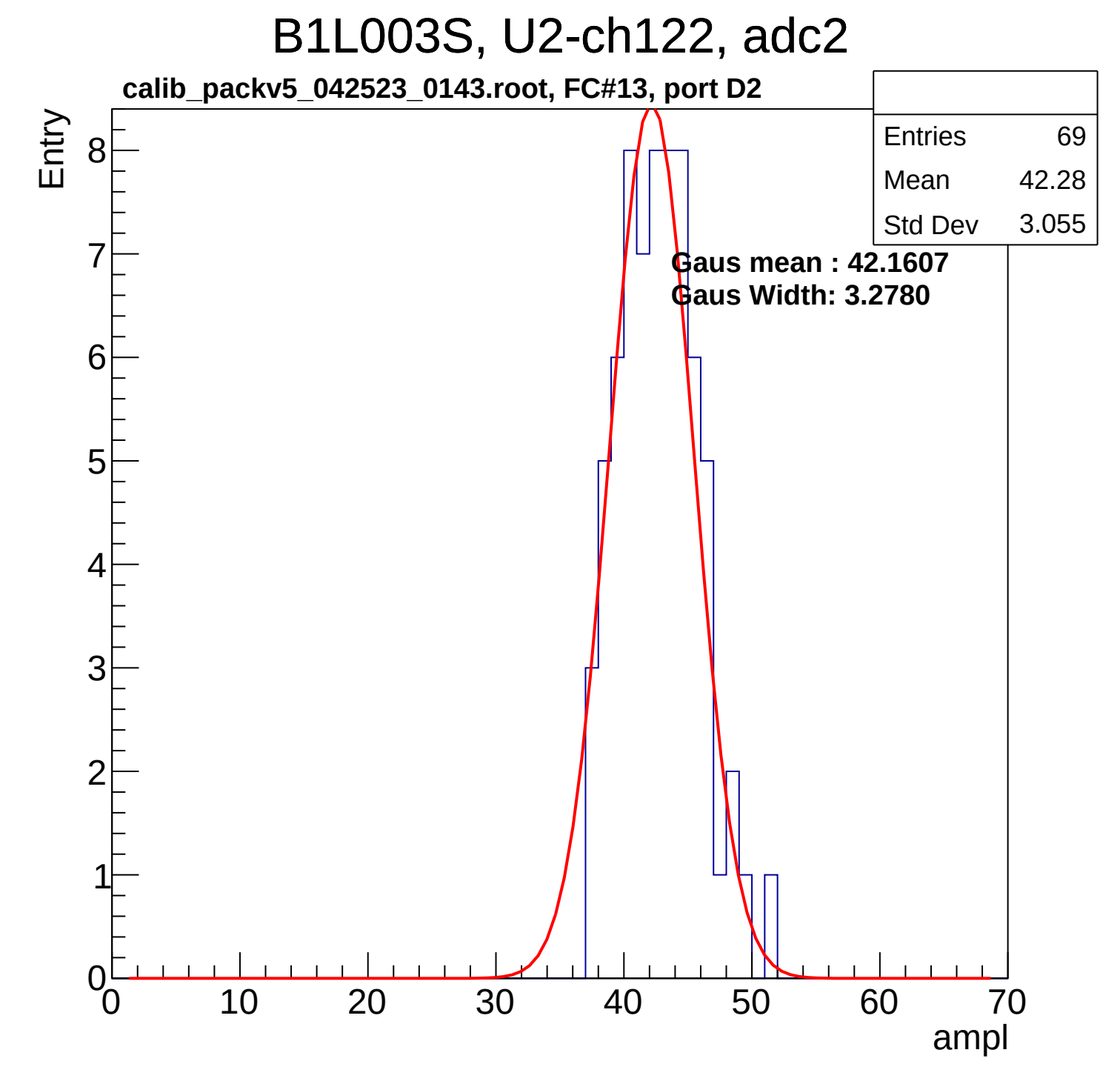
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch121, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch122, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 28.22
Std Dev 6.617
Gaus mean : 29.7525
Gaus Width: 3.8130
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch122, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 35.82
Std Dev 3.093
Gaus mean : 36.4977
Gaus Width: 3.2135
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch122, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 42.28
Std Dev 3.055
Gaus mean : 42.1607
Gaus Width: 3.2780
Entry
ampl
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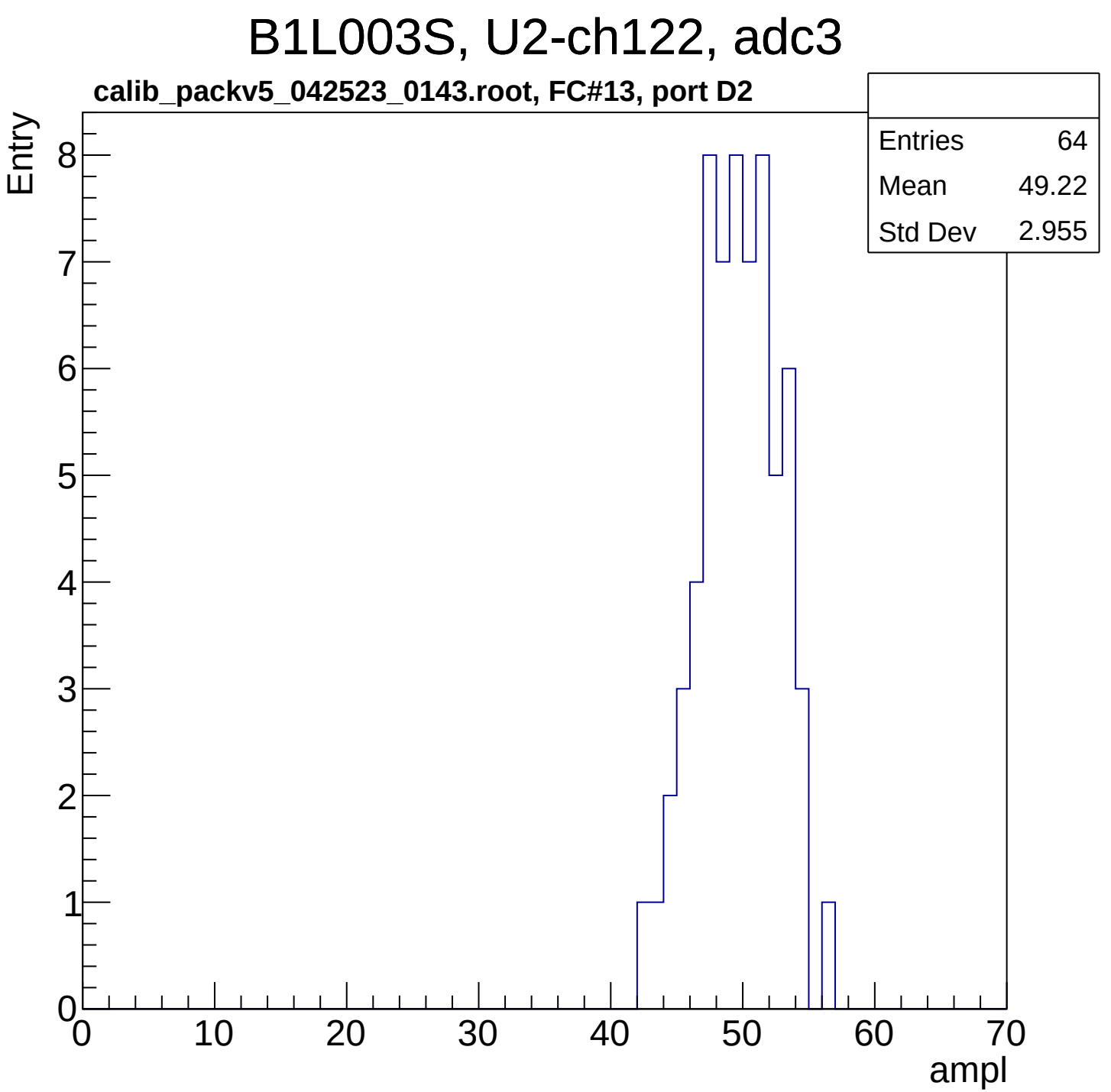
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch122, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 49.22
Std Dev 2.955
Entry
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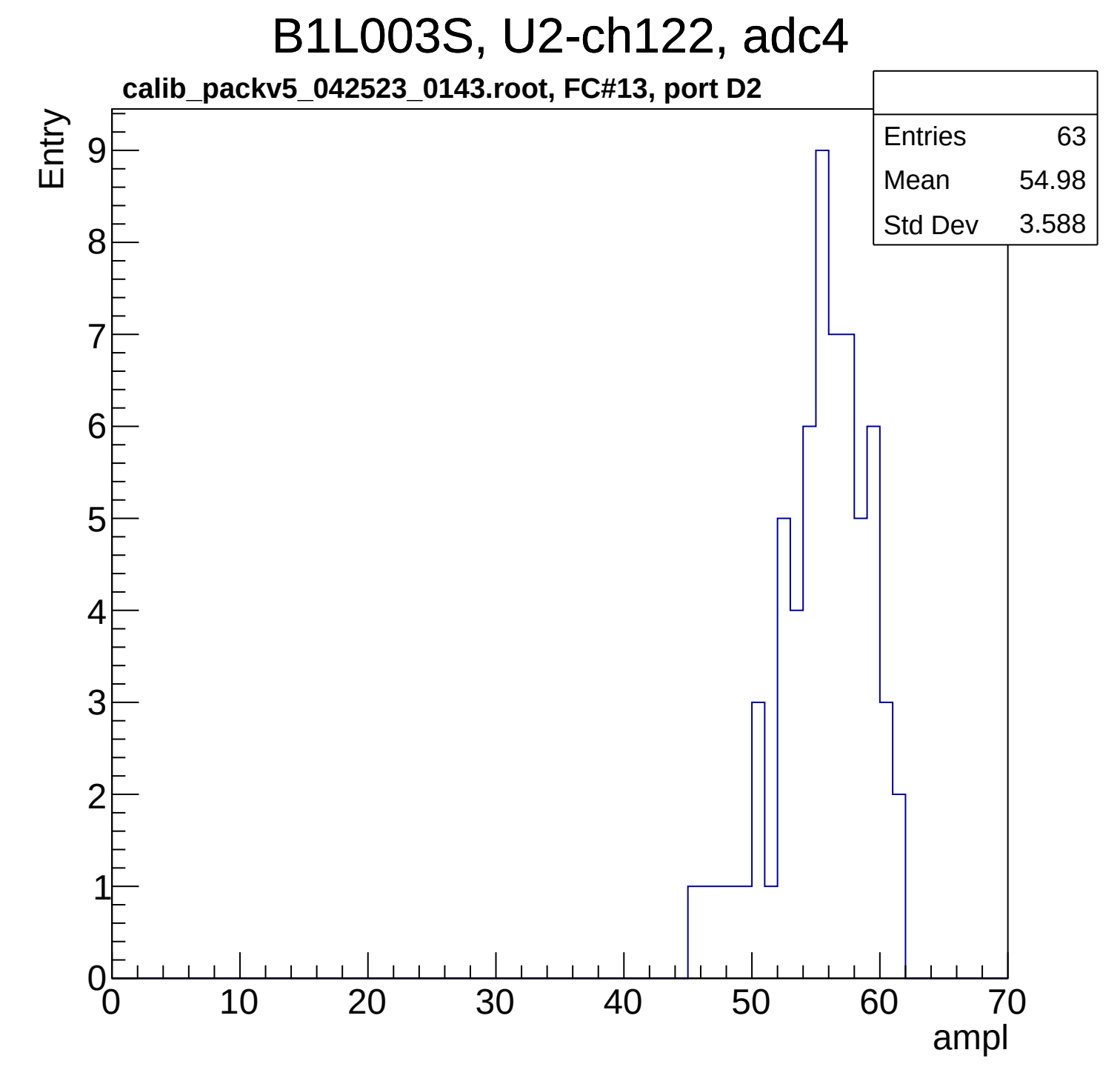
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch122, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 54.98
Std Dev 3.588
Entry
ampl
0
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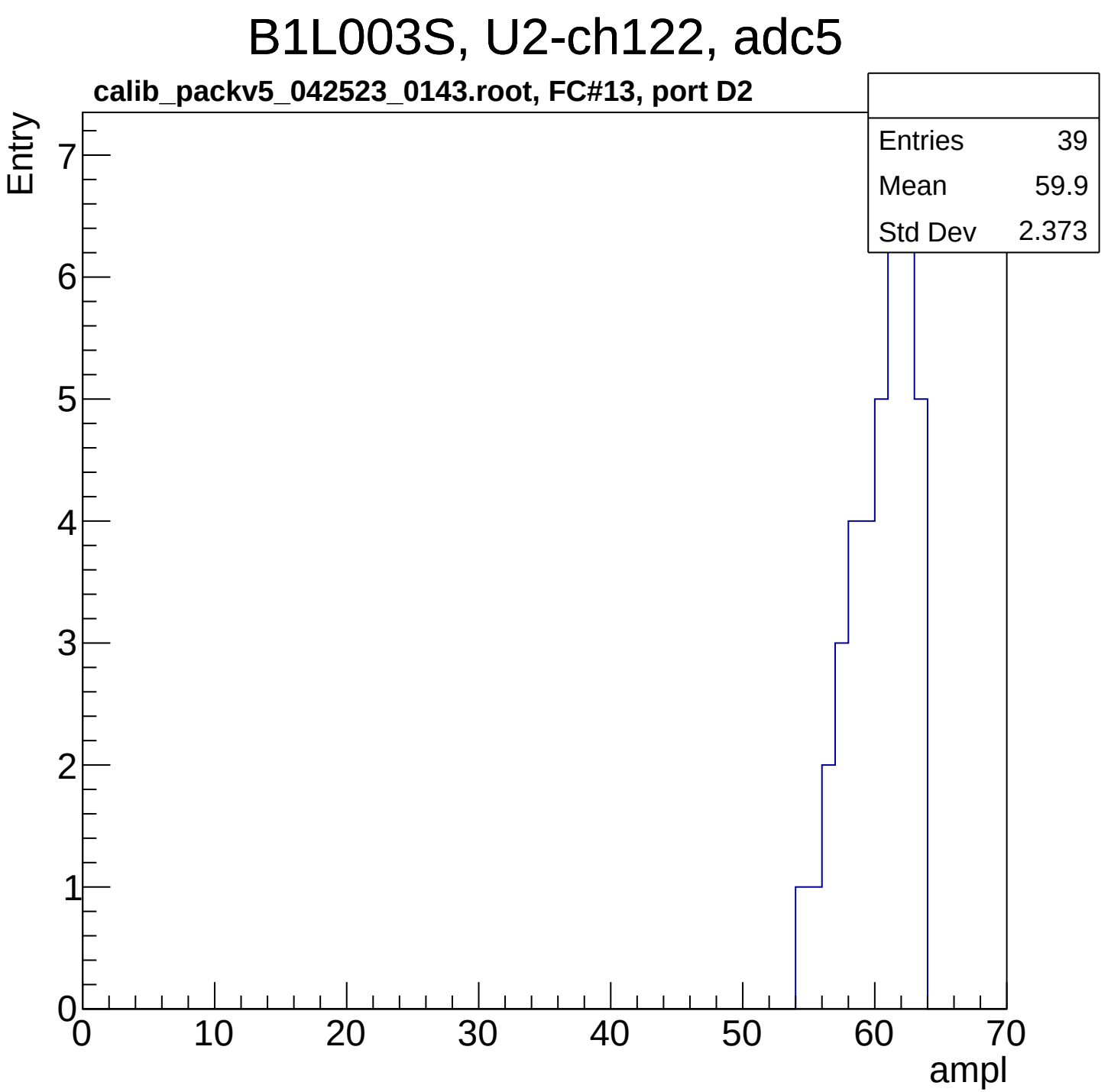
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch122, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 59.9
Std Dev 2.373
Entry
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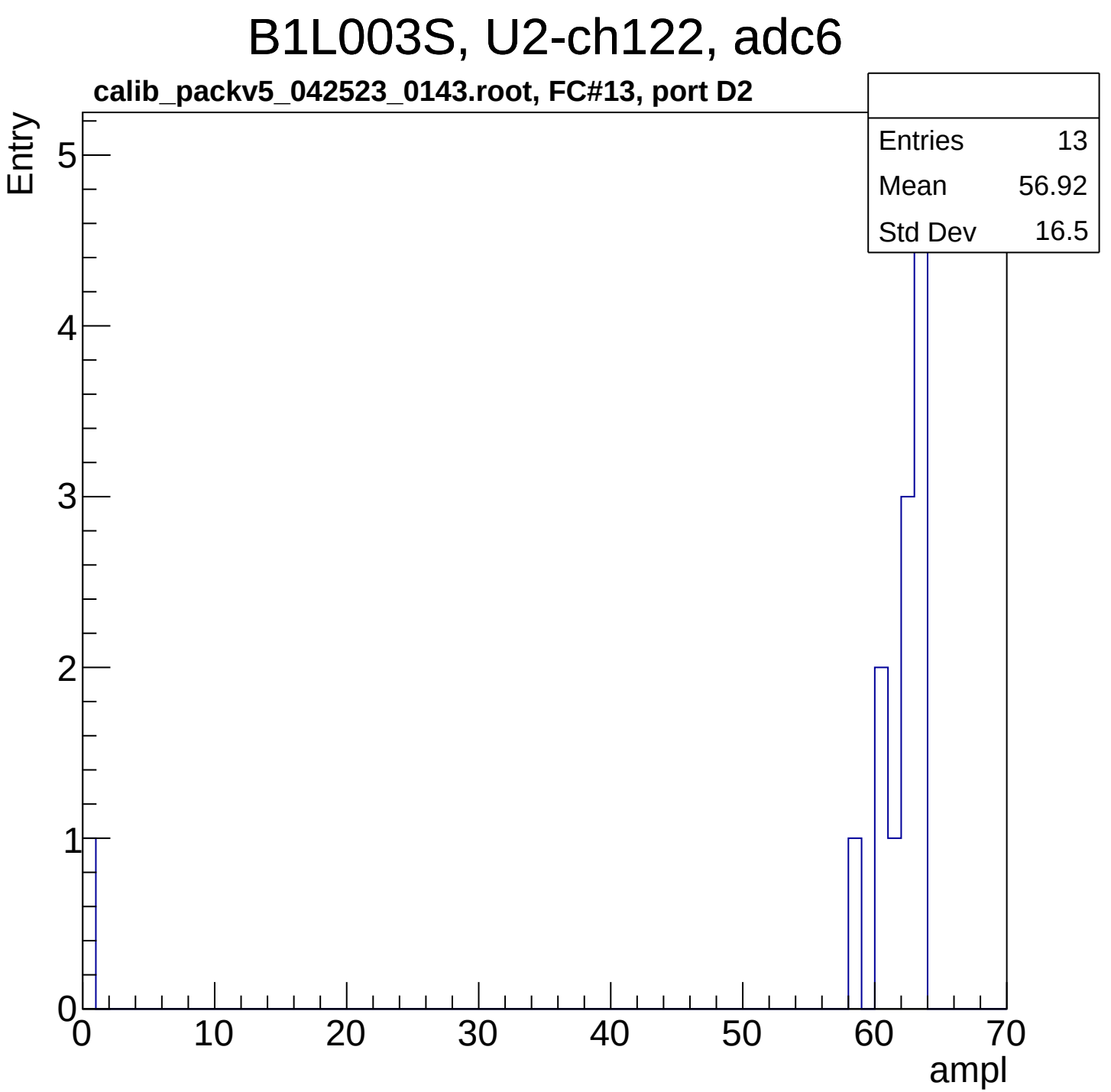
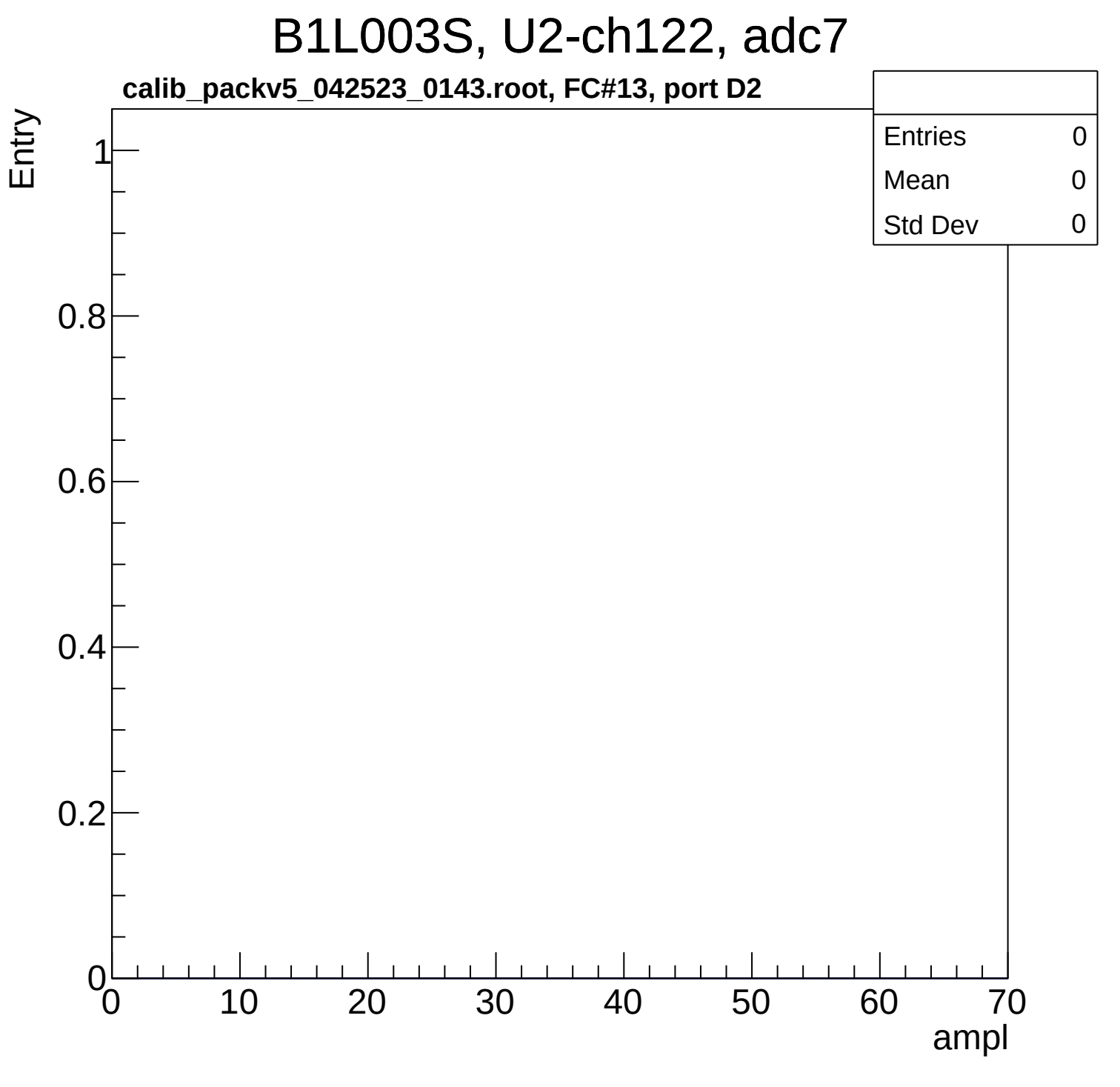
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch122, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 56.92
Std Dev 16.5
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch122, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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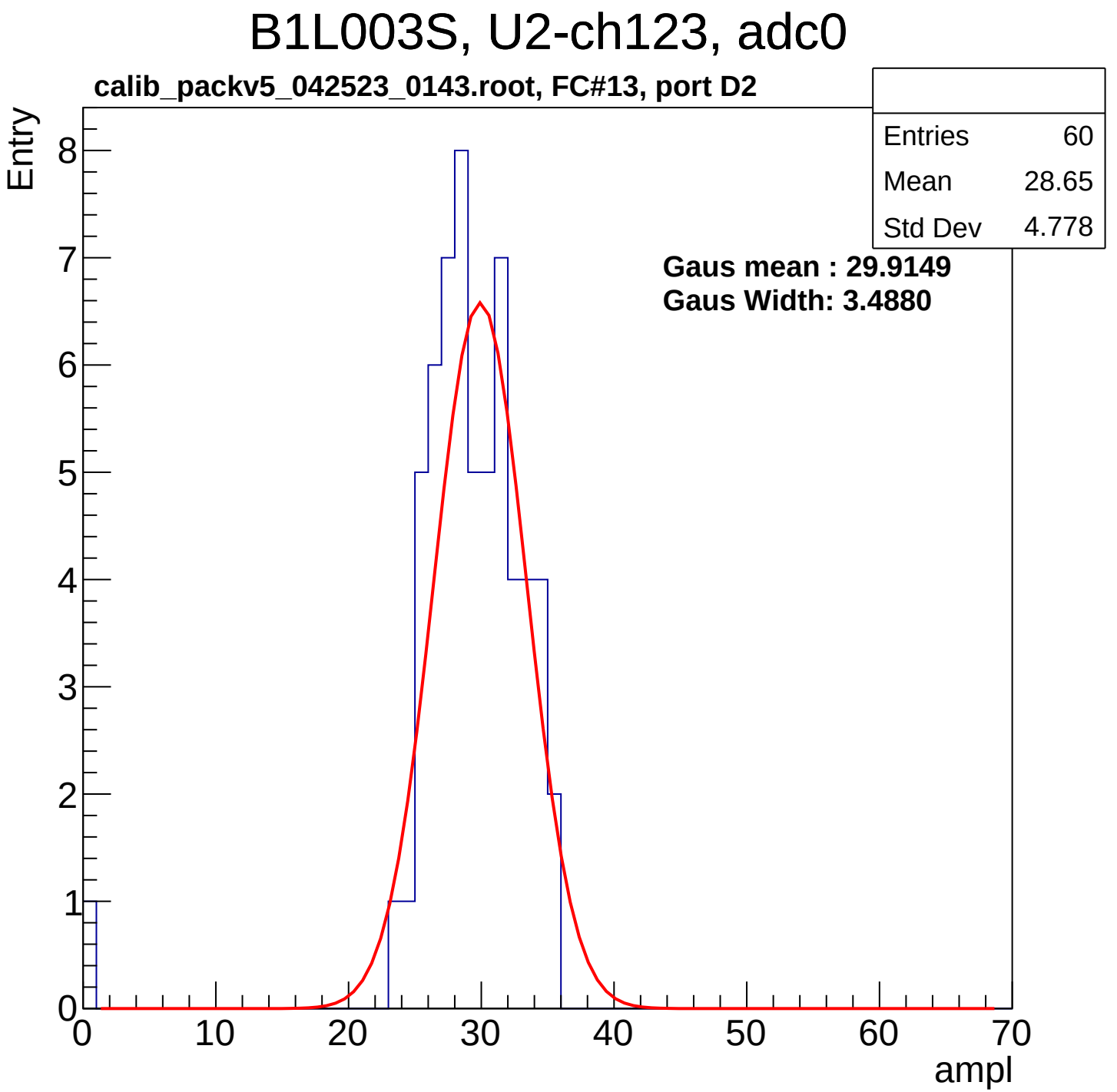
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch123, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 28.65
Std Dev 4.778
Gaus mean : 29.9149
Gaus Width: 3.4880
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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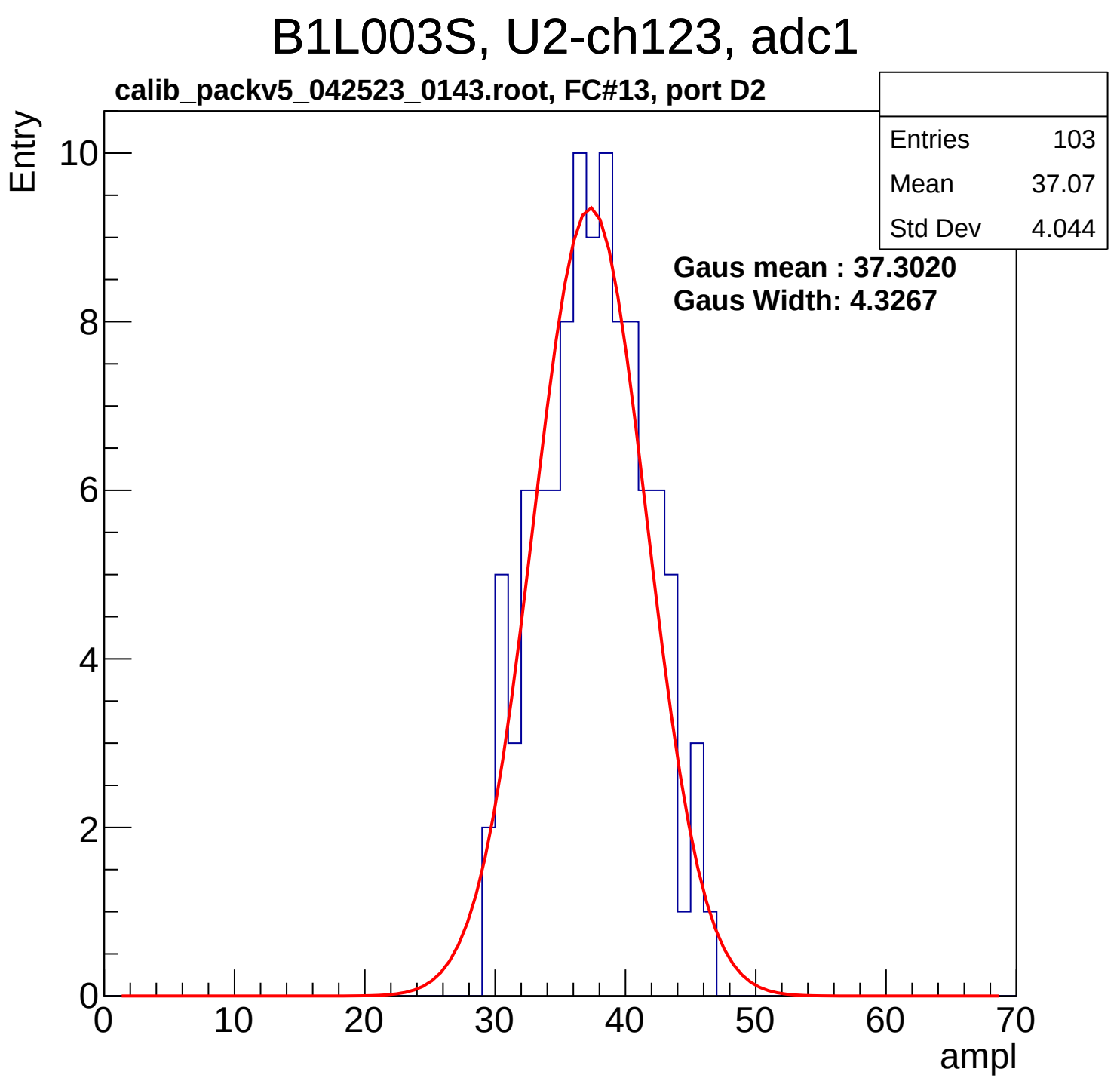
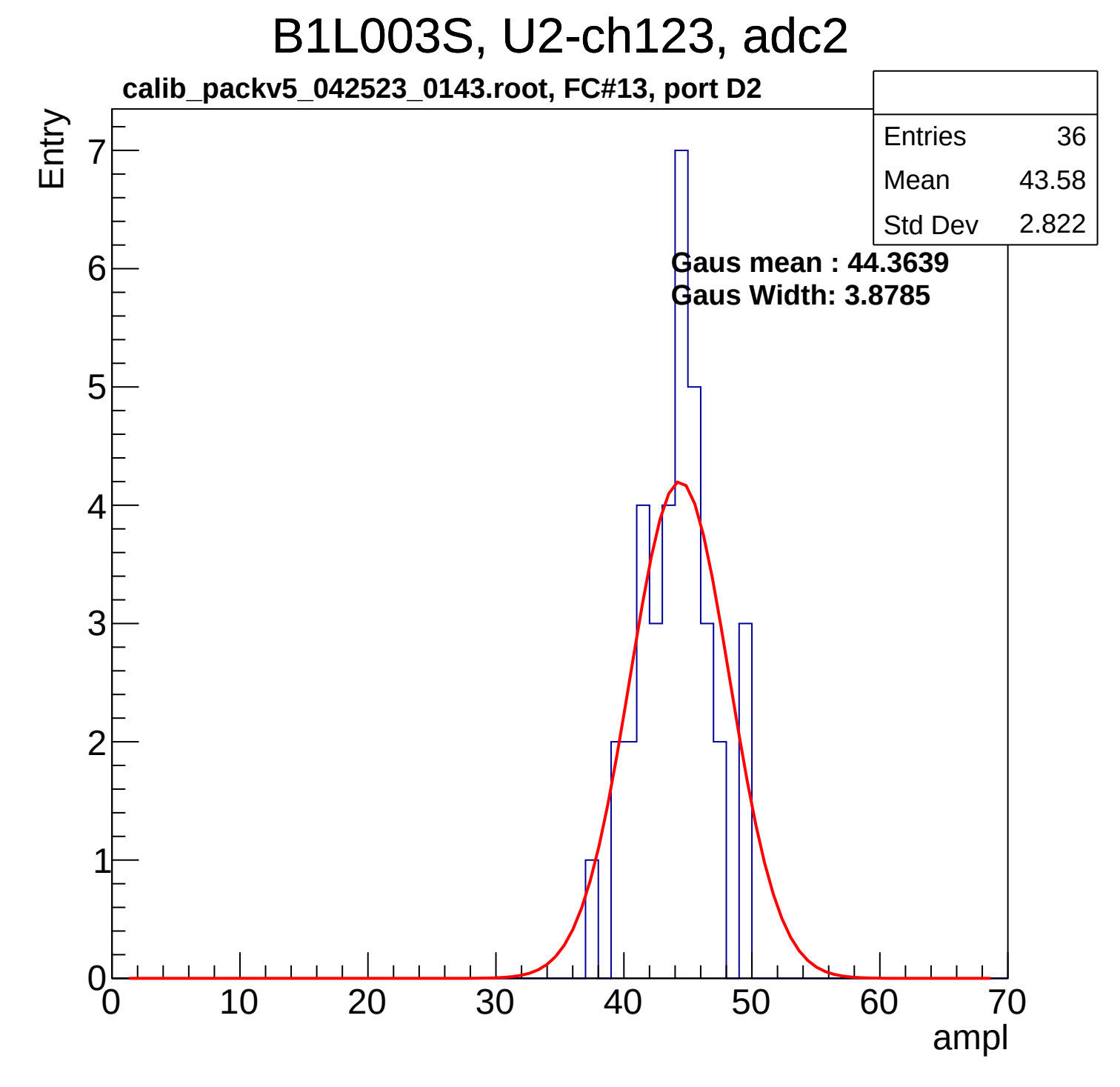

B1L003S, U2-ch123, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 103
Mean 37.07
Std Dev 4.044
Gaus mean : 37.3020
Gaus Width: 4.3267
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U2-ch123, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 43.58
Std Dev 2.822
Gaus mean : 44.3639
Gaus Width: 3.8785
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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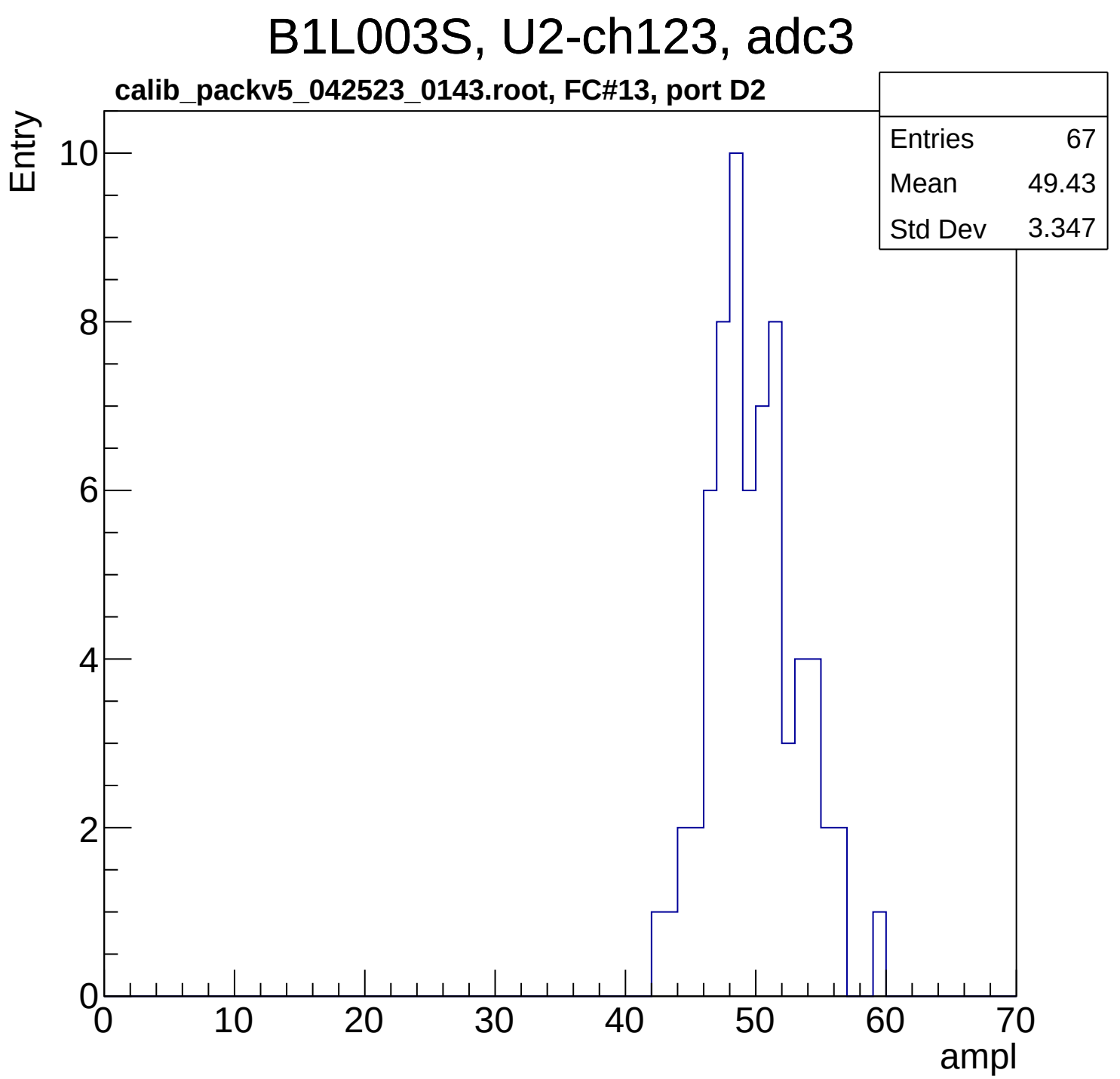
B1L003S, U2-ch123, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 49.43
Std Dev 3.347
Entry
ampl
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0
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60
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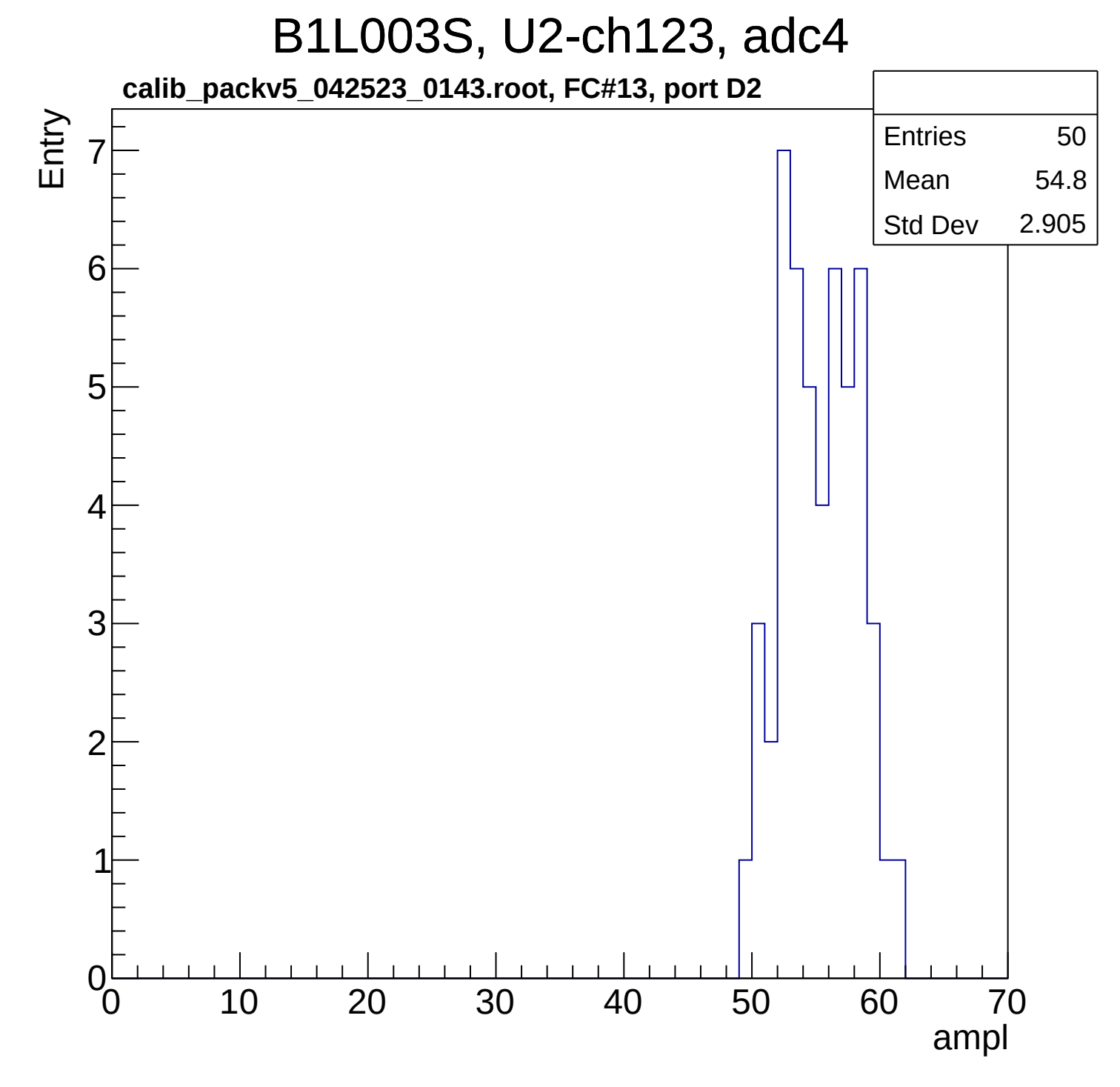
B1L003S, U2-ch123, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 54.8
Std Dev 2.905
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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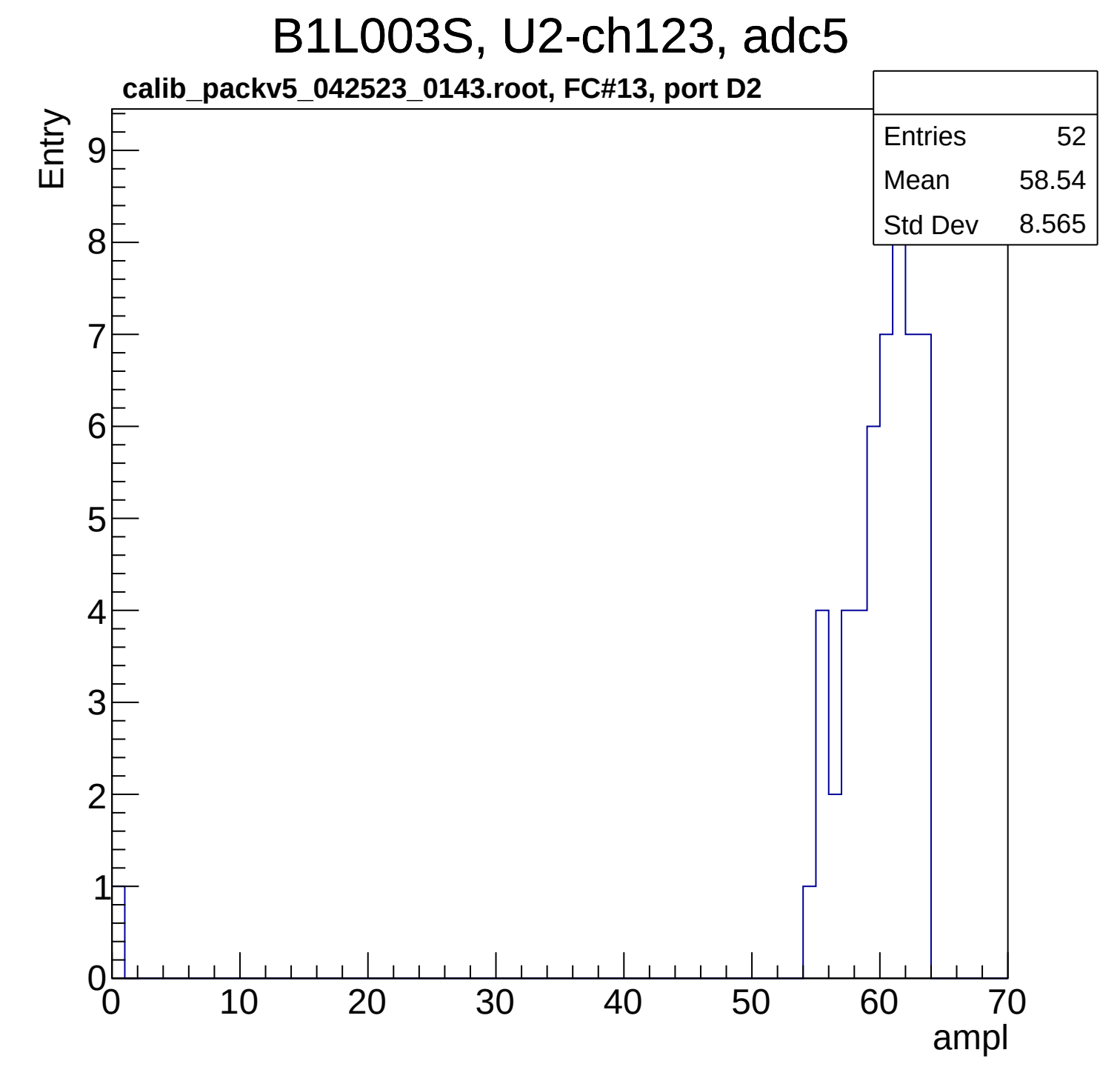
40
50
60
70


B1L003S, U2-ch123, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 58.54
Std Dev 8.565
Entry
ampl
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2
3
4
5
6
7
8
9
0
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50
60
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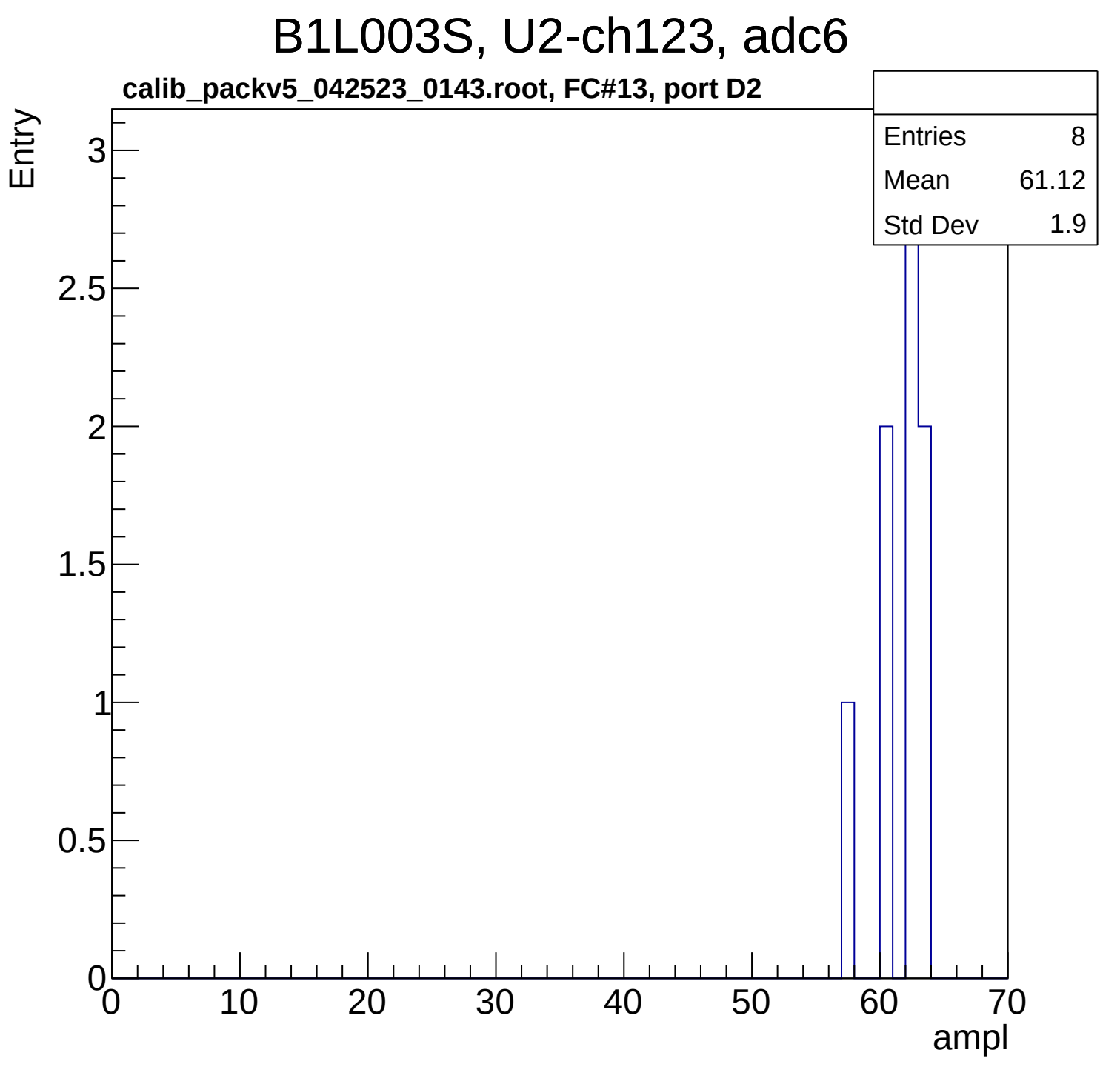
B1L003S, U2-ch123, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 61.12
Std Dev 1.9
Entry
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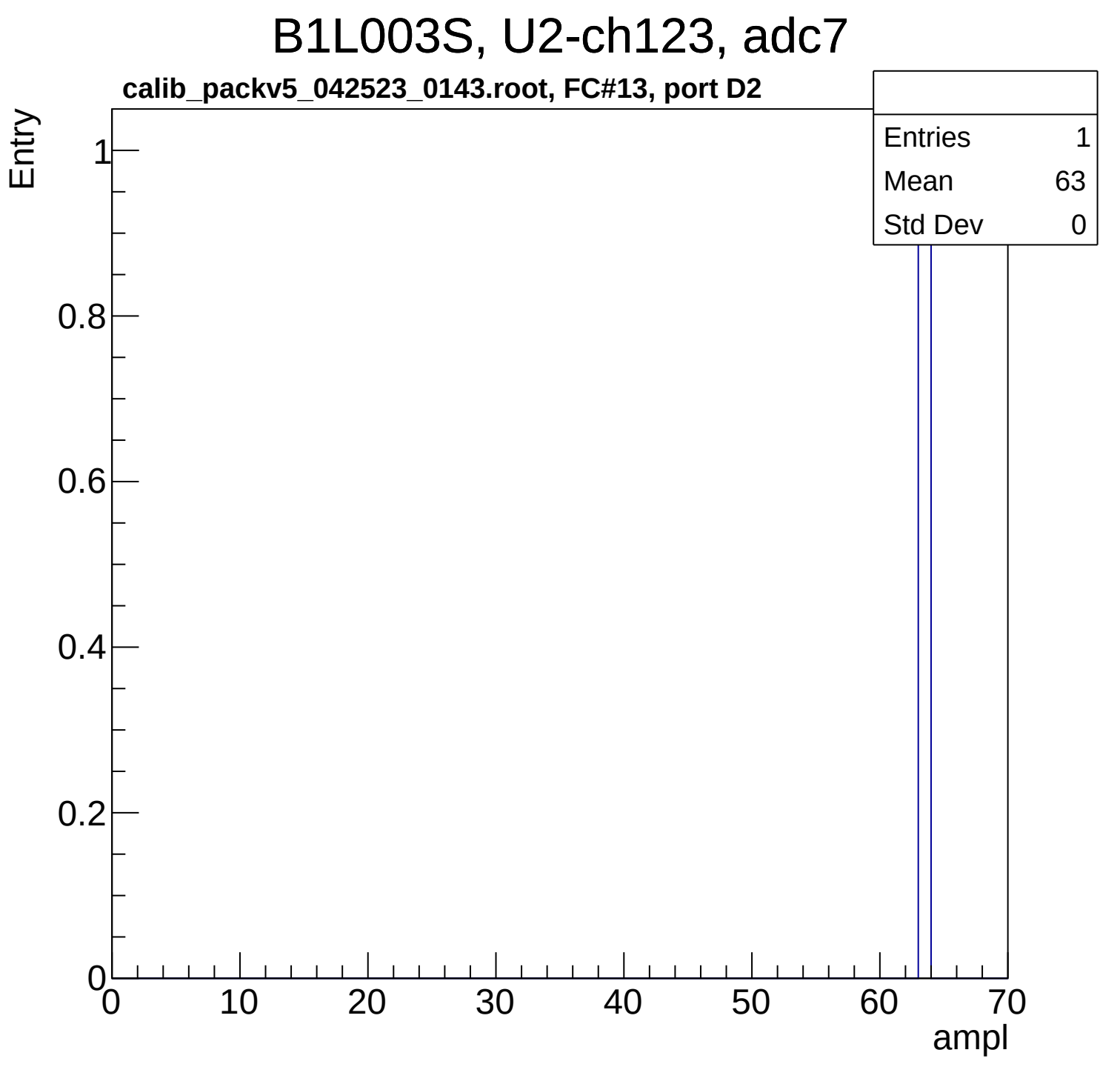
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch123, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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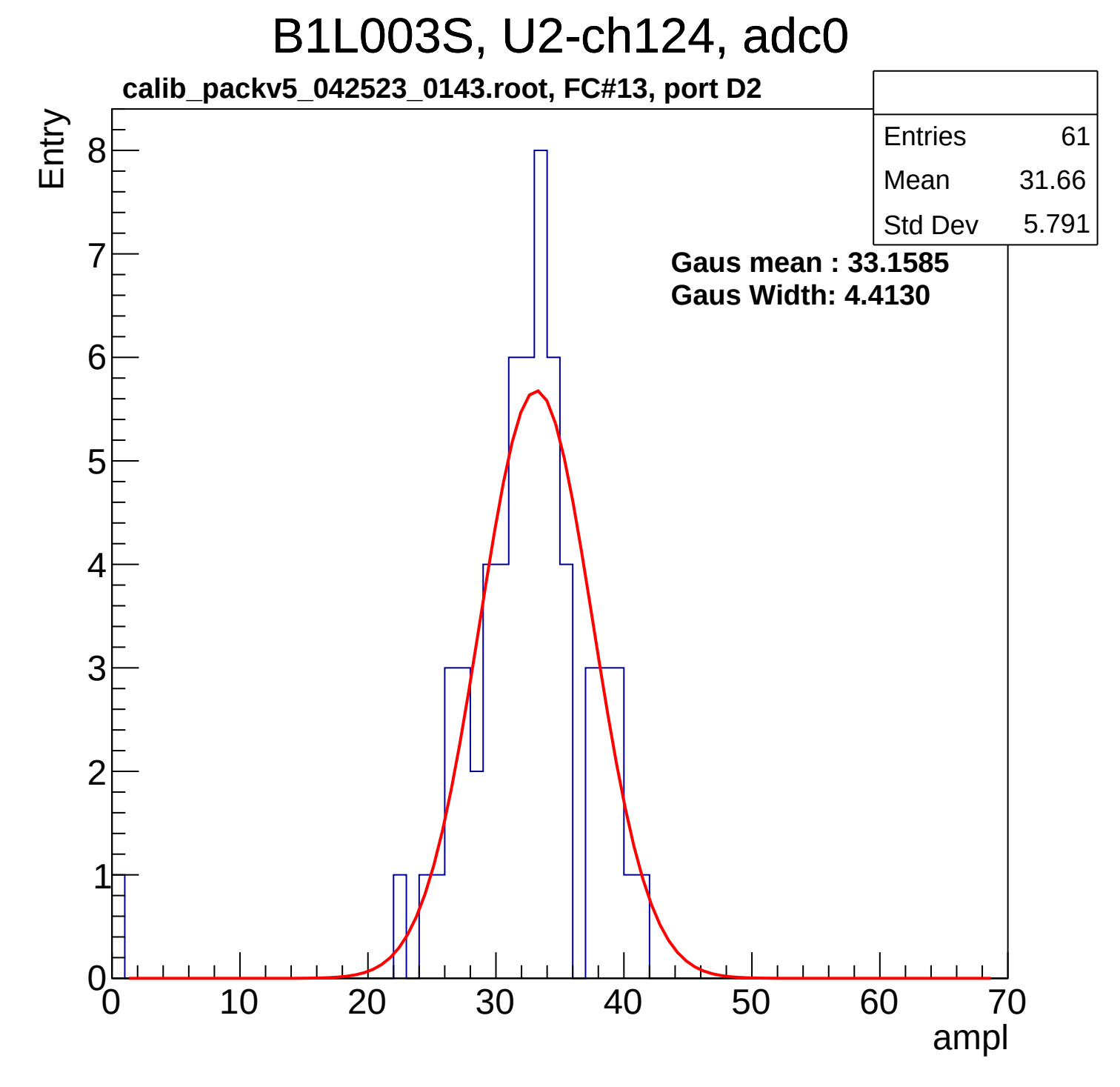
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch124, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 31.66
Std Dev 5.791
Gaus mean : 33.1585
Gaus Width: 4.4130
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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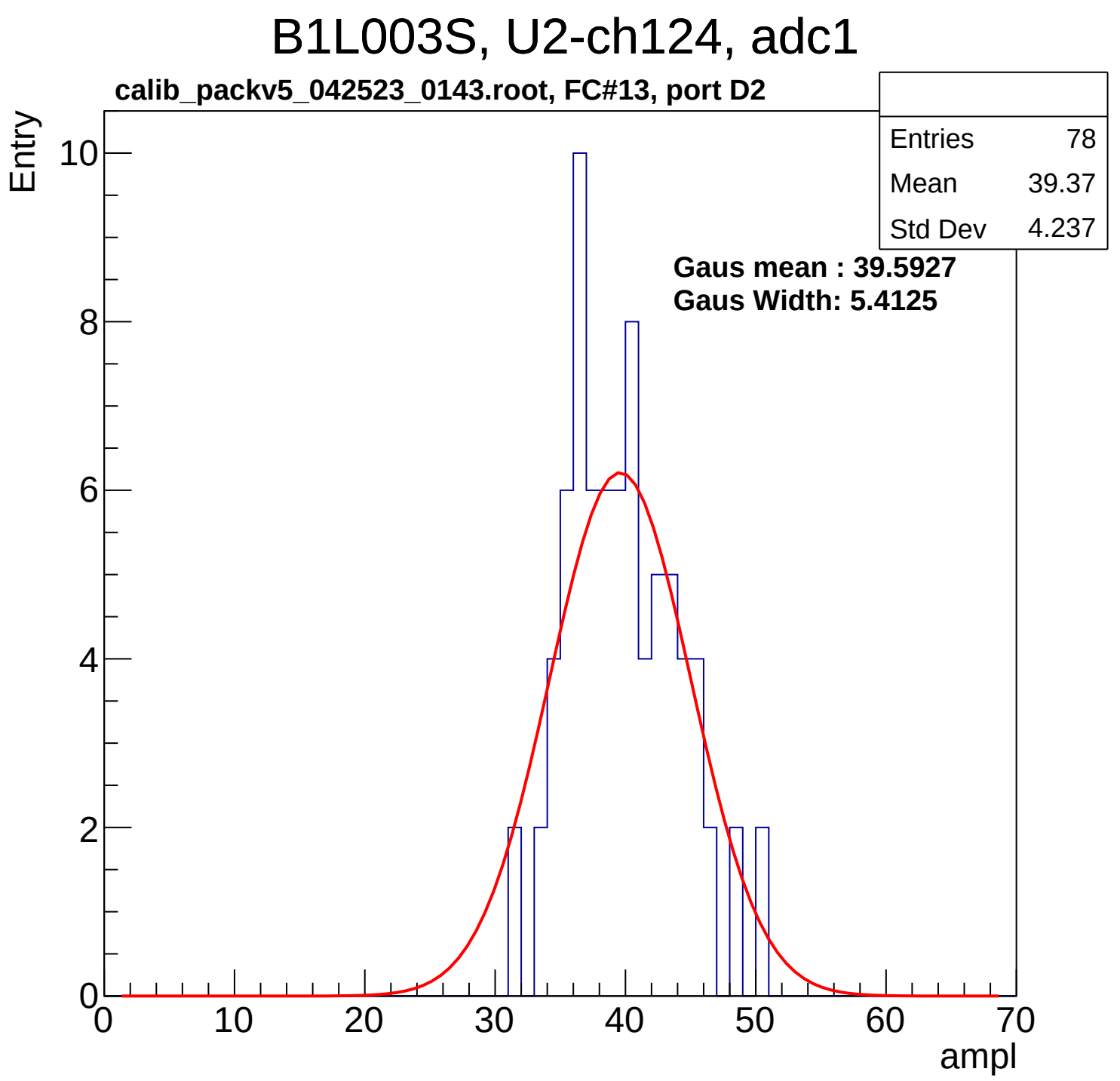
B1L003S, U2-ch124, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 39.37
Std Dev 4.237
Gaus mean : 39.5927
Gaus Width: 5.4125
Entry
ampl
0
2
4
6
8
10
0
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20
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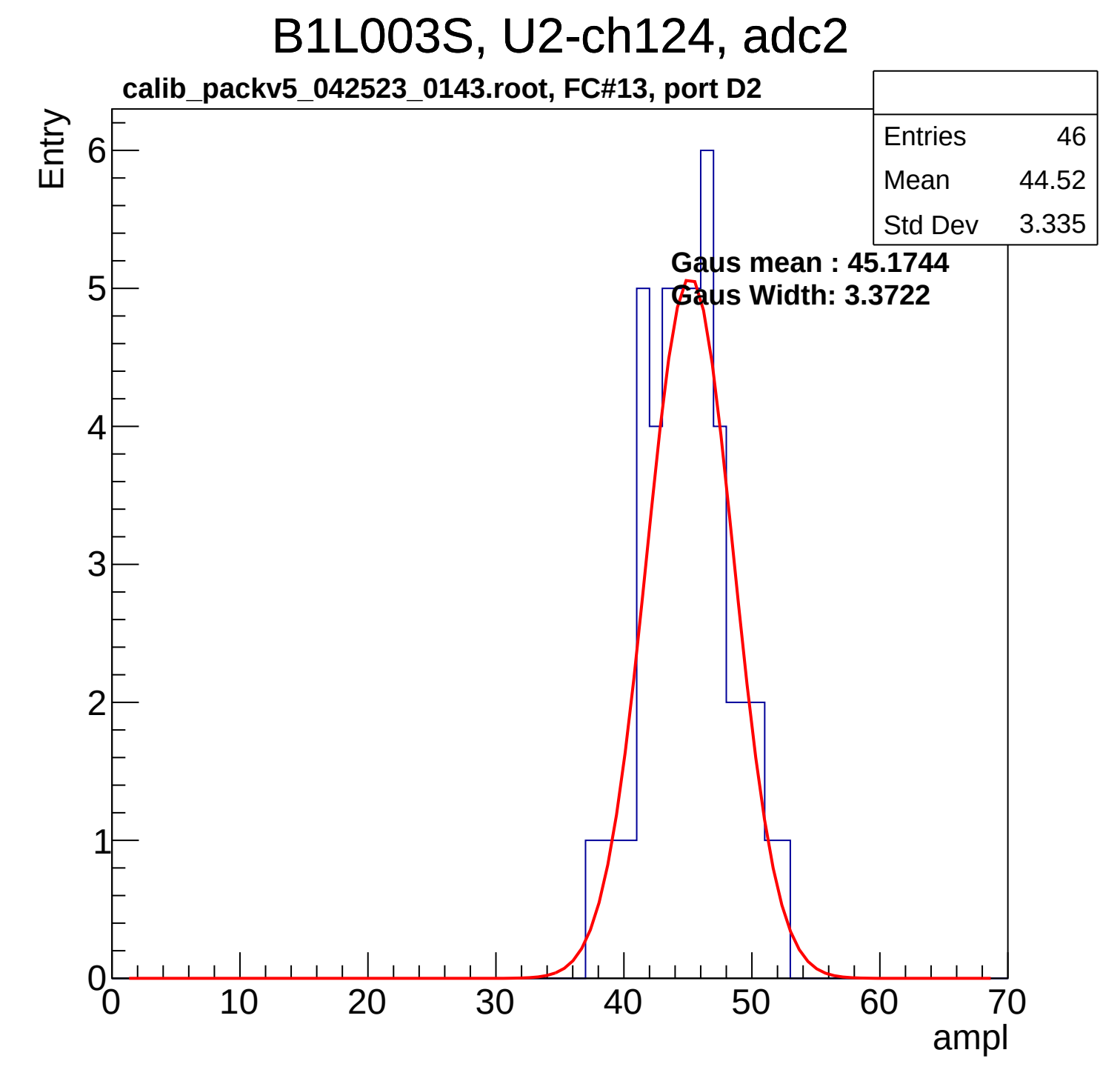
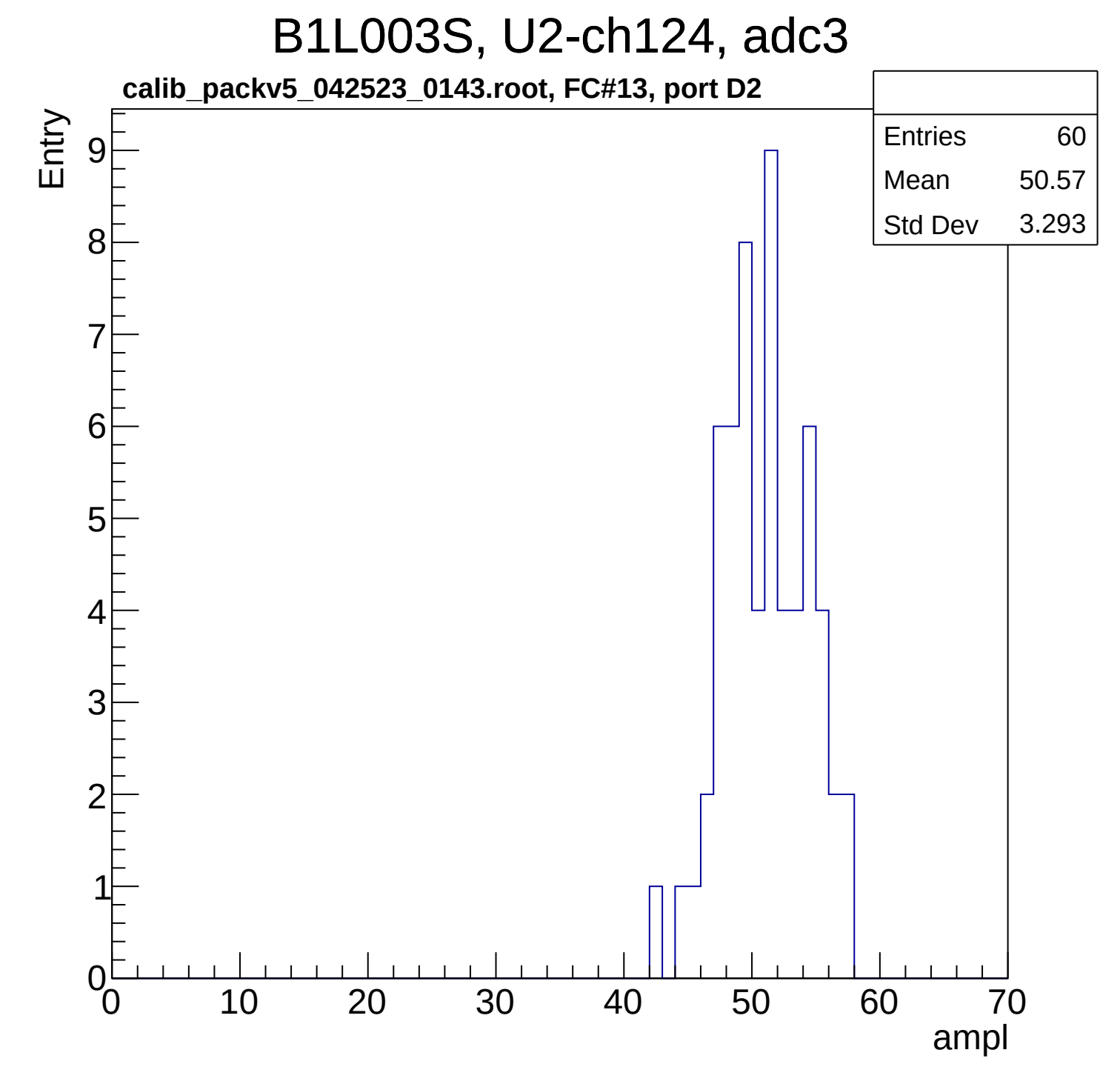
40
50
60
70


B1L003S, U2-ch124, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 44.52
Std Dev 3.335
Gaus mean : 45.1744
Gaus Width: 3.3722
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L003S, U2-ch124, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 50.57
Std Dev 3.293
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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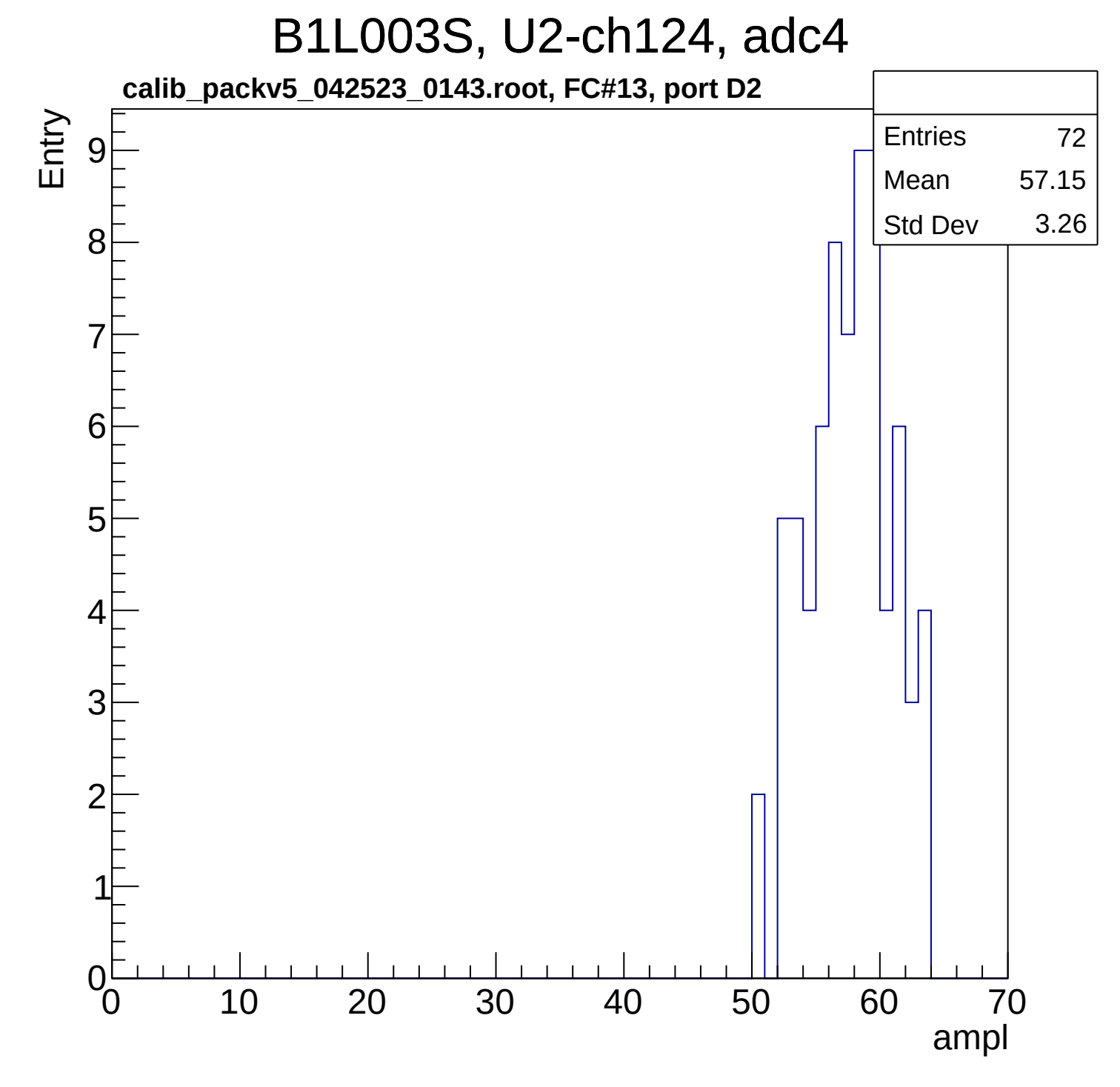
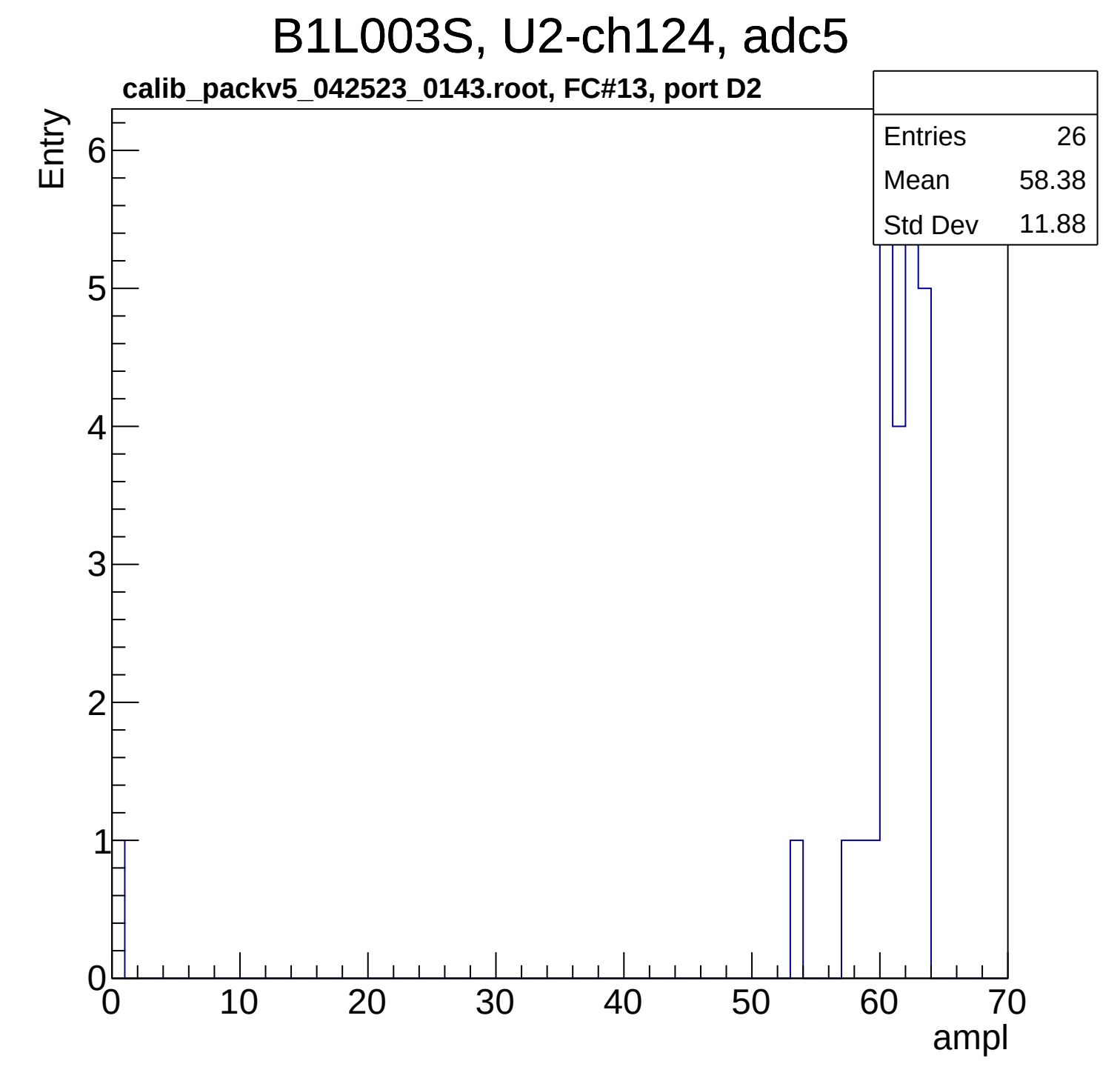
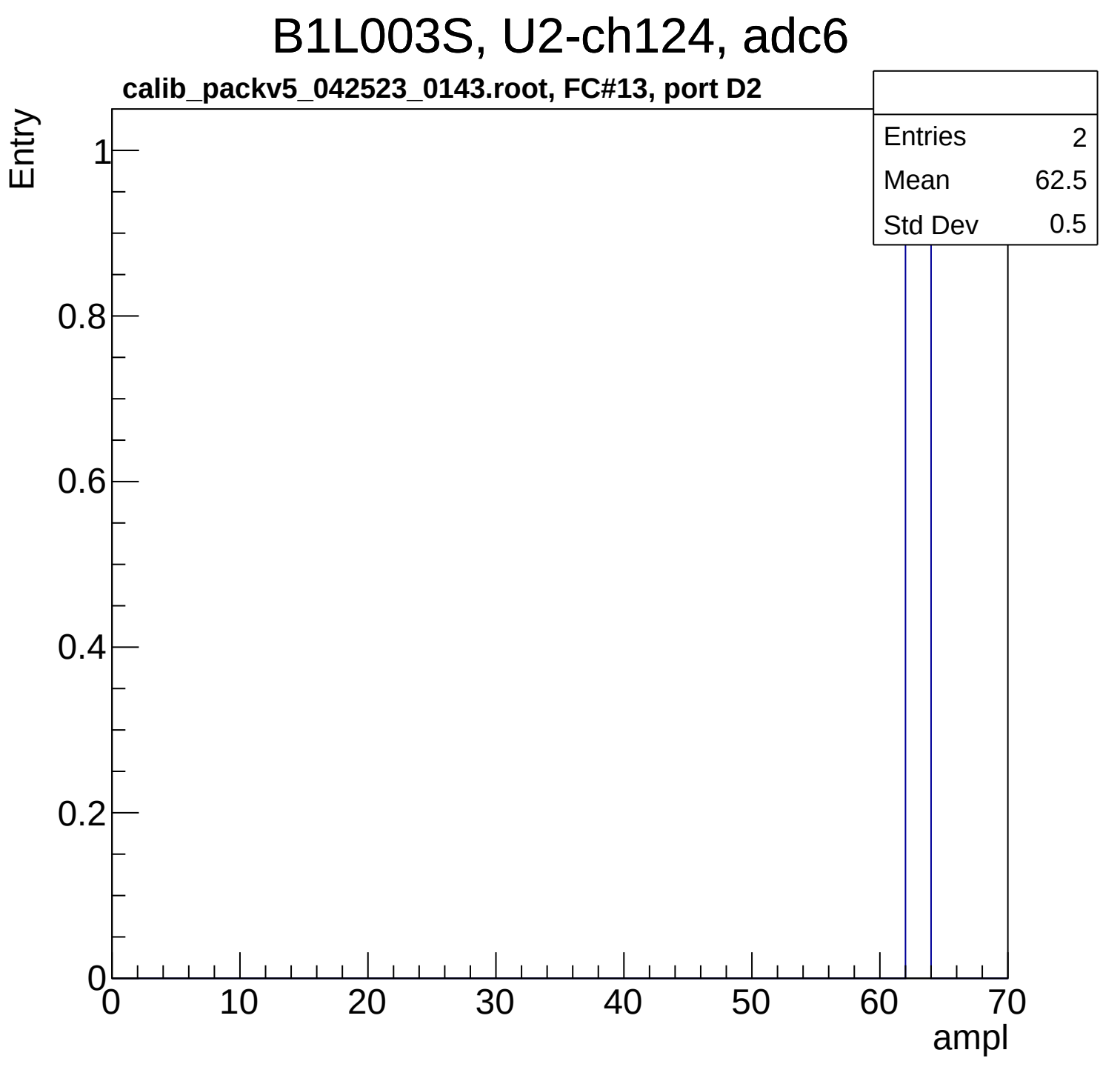
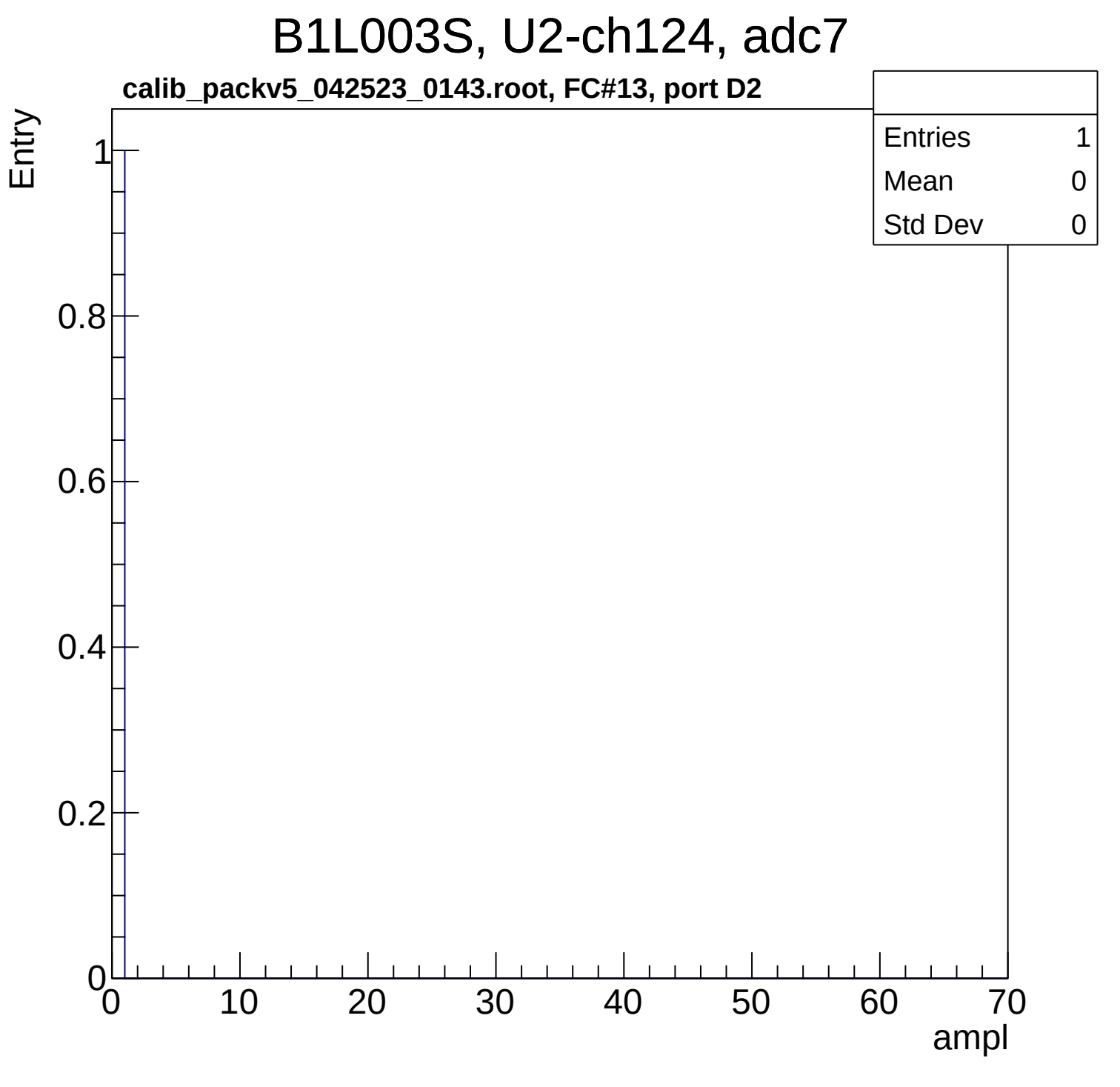

B1L003S, U2-ch124, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 57.15
Std Dev 3.26
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch124, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 26
Mean 58.38
Std Dev 11.88
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch124, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch124, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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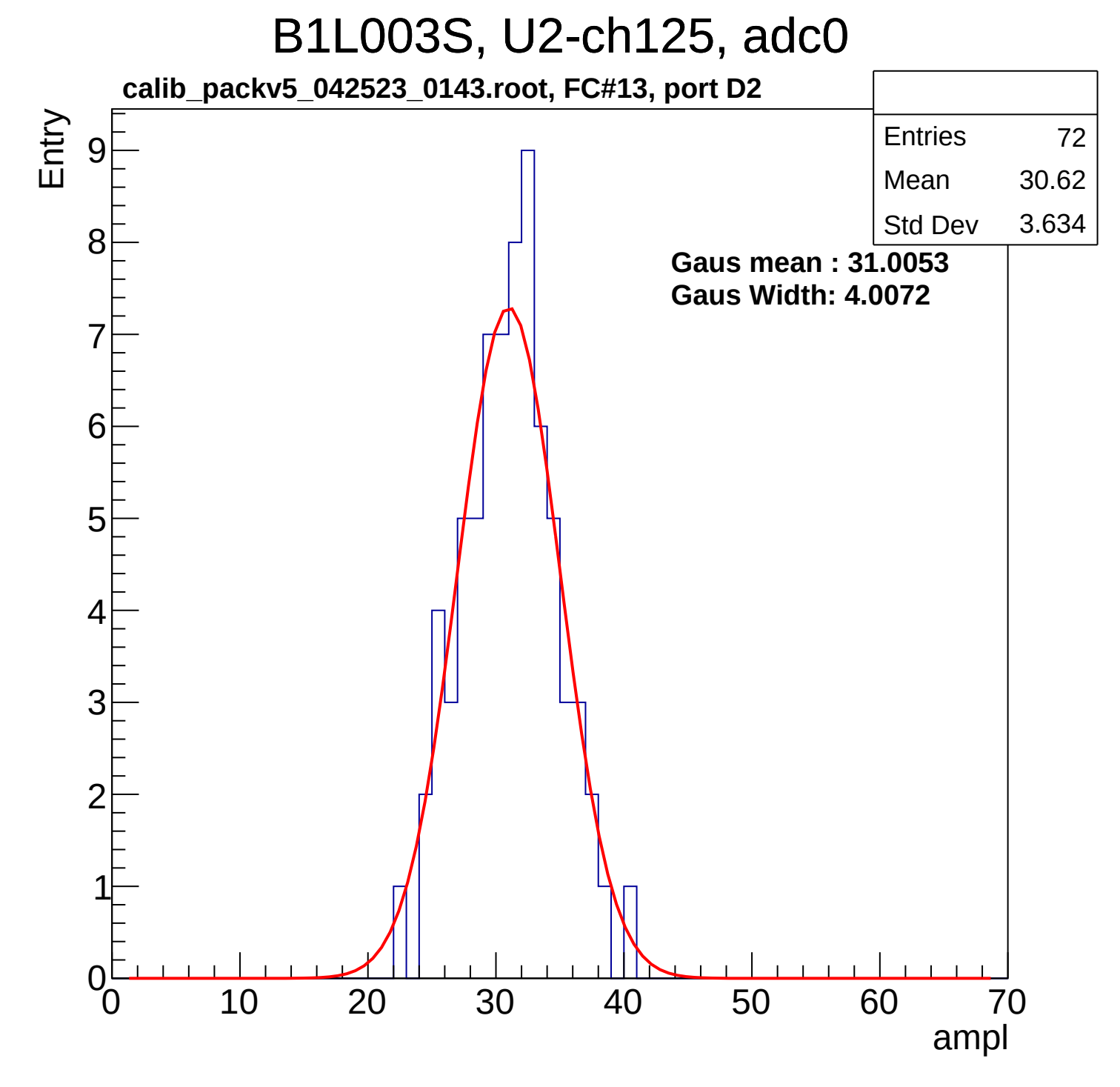
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch125, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 30.62
Std Dev 3.634
Gaus mean : 31.0053
Gaus Width: 4.0072
Entry
ampl
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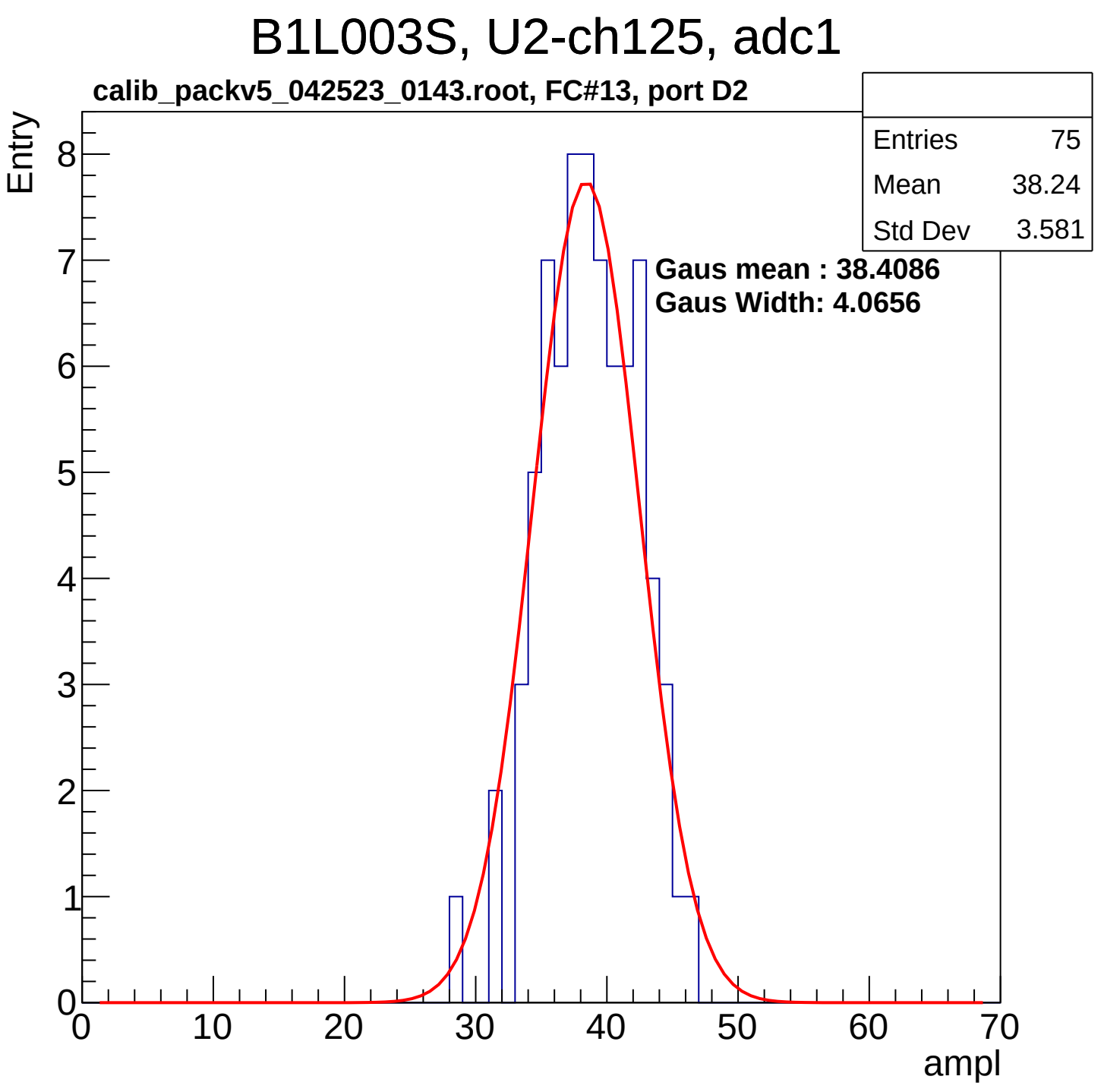
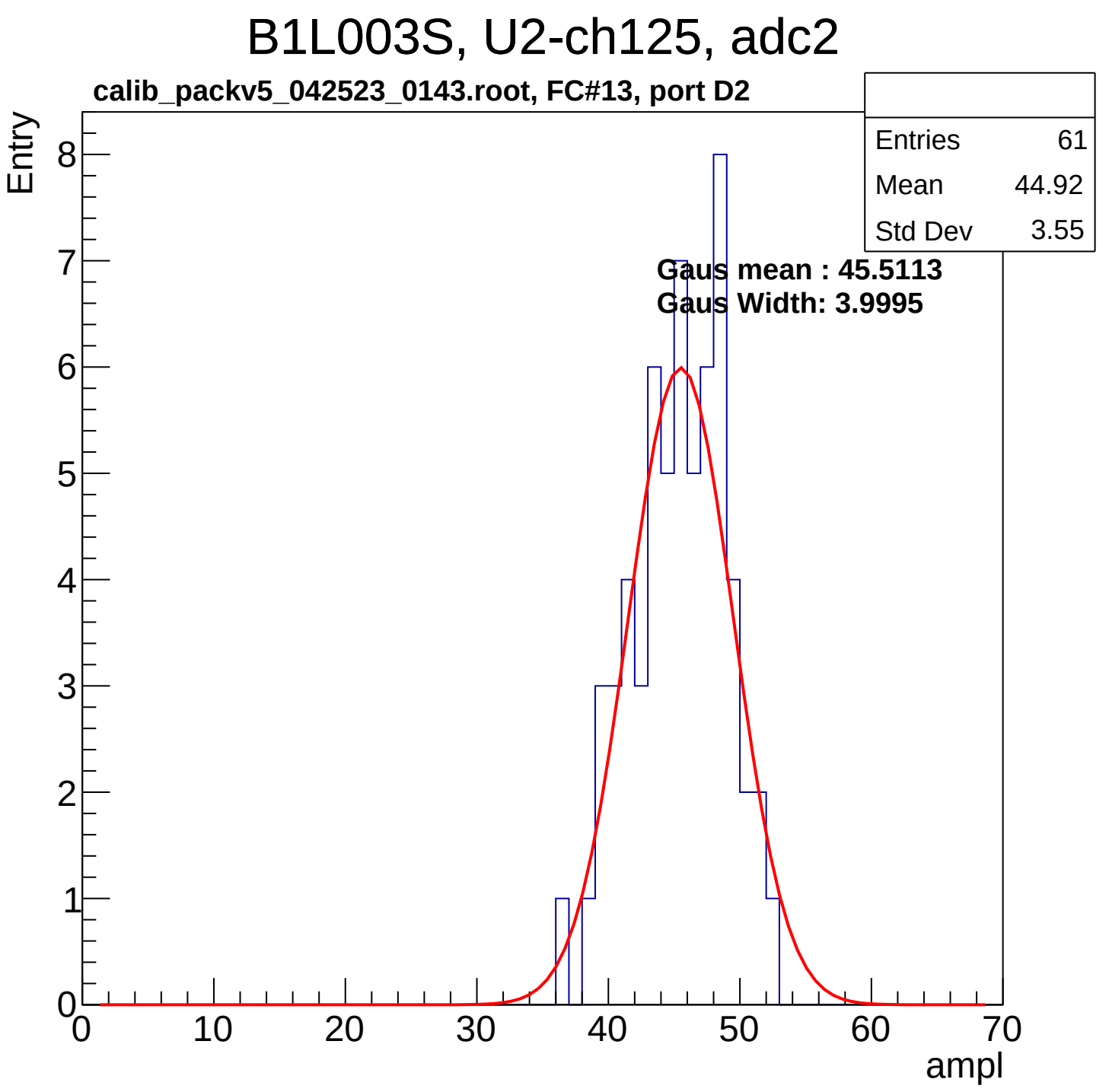
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U2-ch125, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 38.24
Std Dev 3.581
Gaus mean : 38.4086
Gaus Width: 4.0656
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch125, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 44.92
Std Dev 3.55
Gaus mean : 45.5113
Gaus Width: 3.9995
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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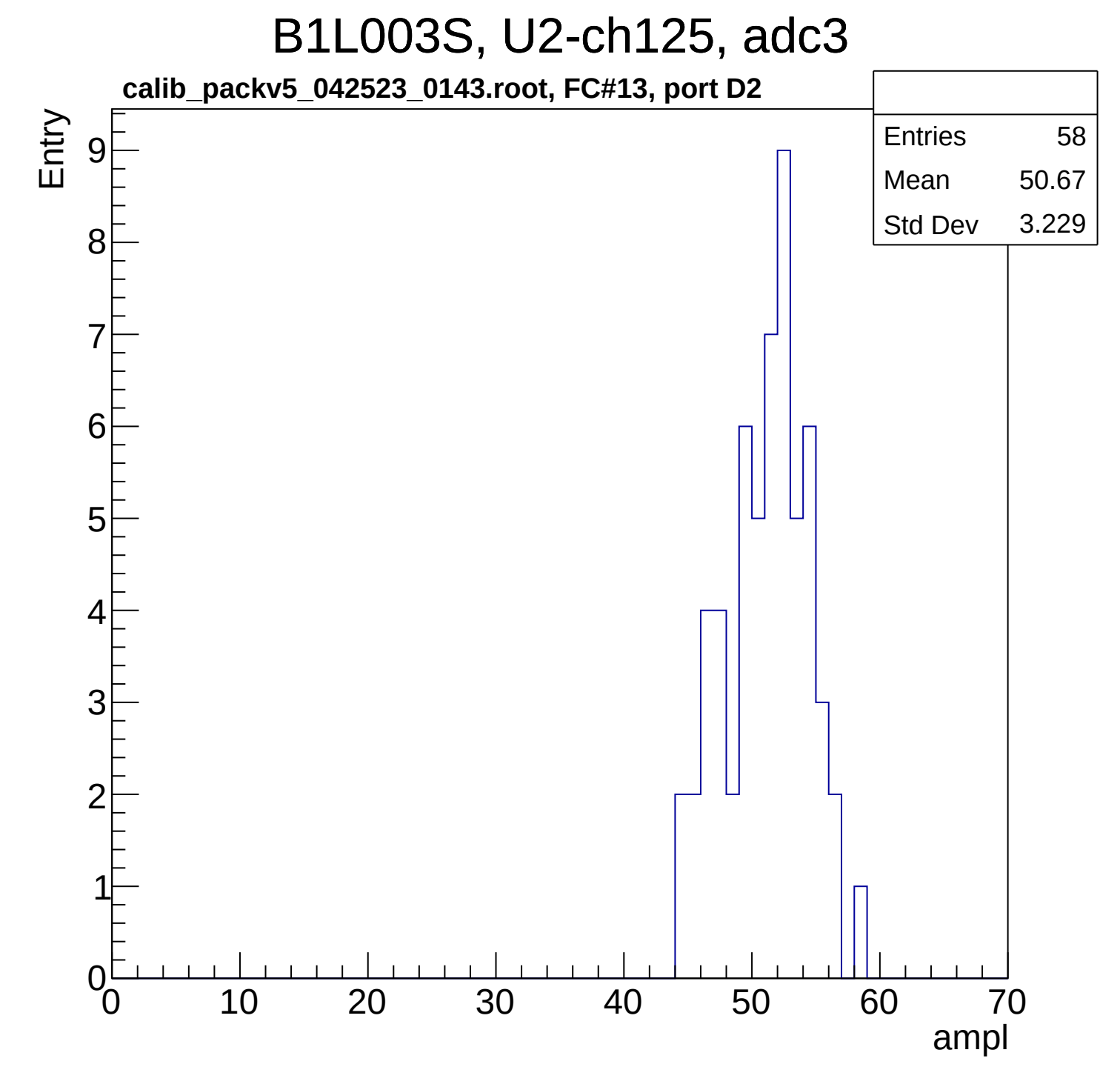
B1L003S, U2-ch125, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 50.67
Std Dev 3.229
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
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60
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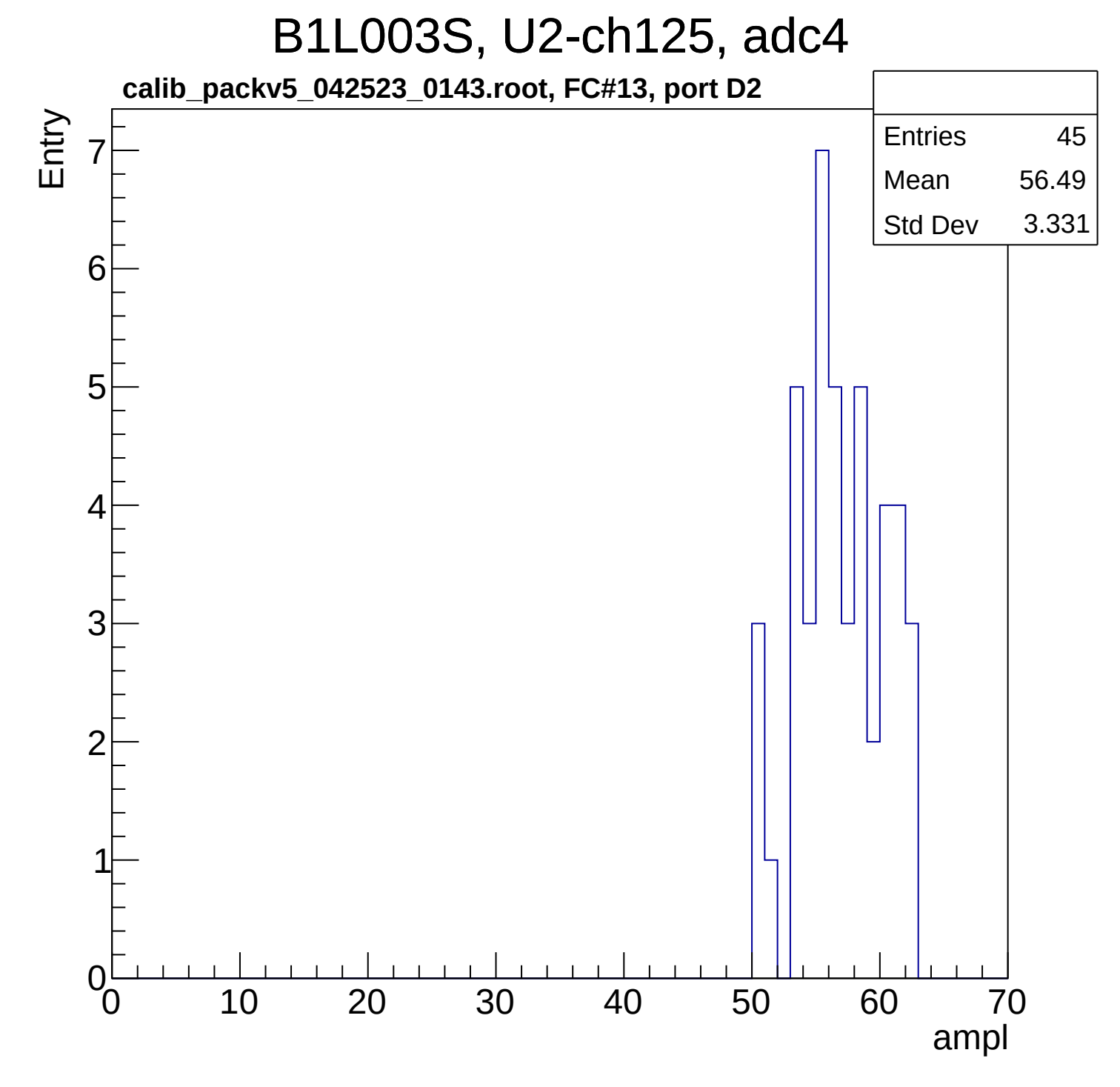
B1L003S, U2-ch125, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 56.49
Std Dev 3.331
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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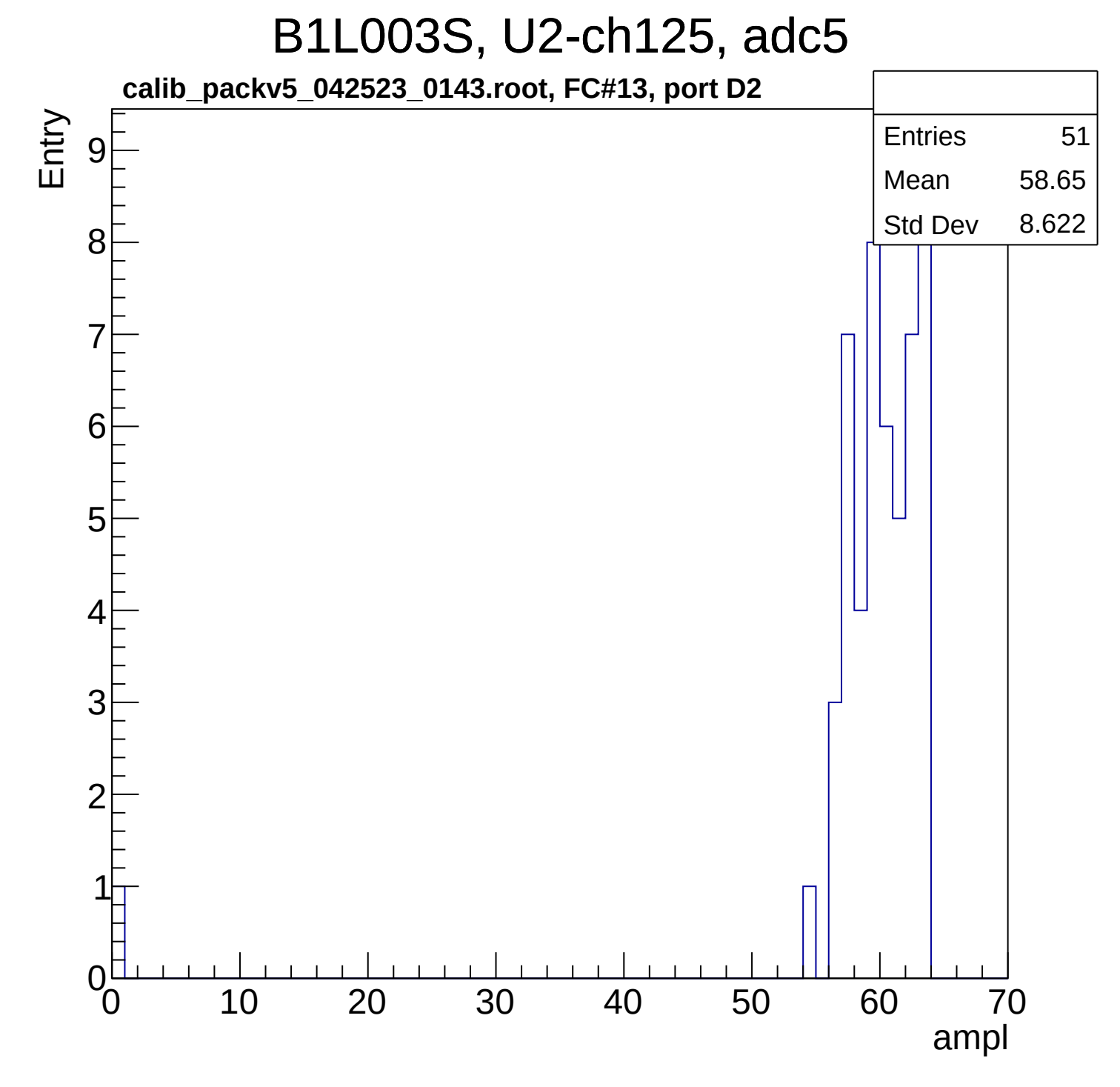
B1L003S, U2-ch125, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 58.65
Std Dev 8.622
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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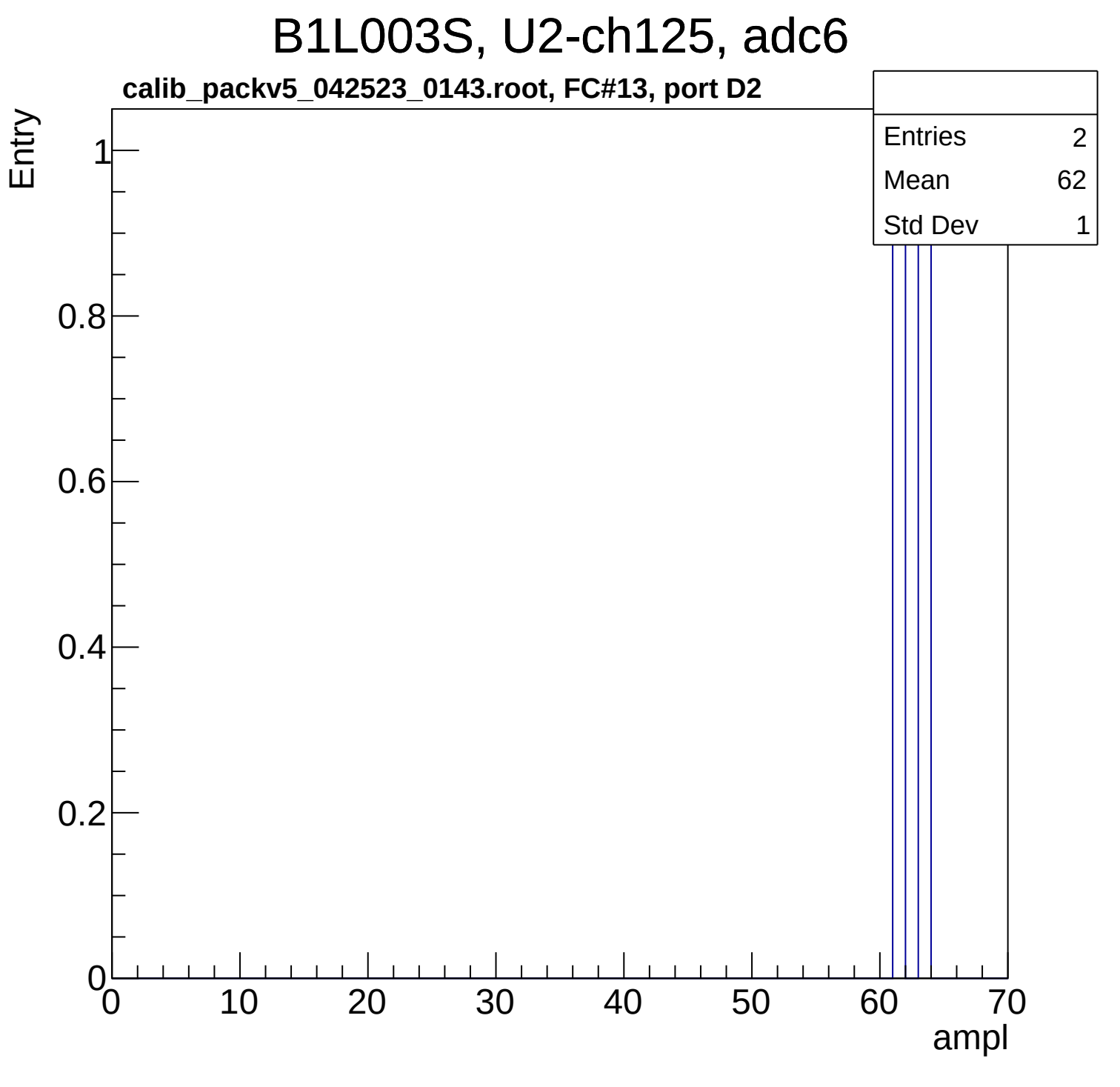
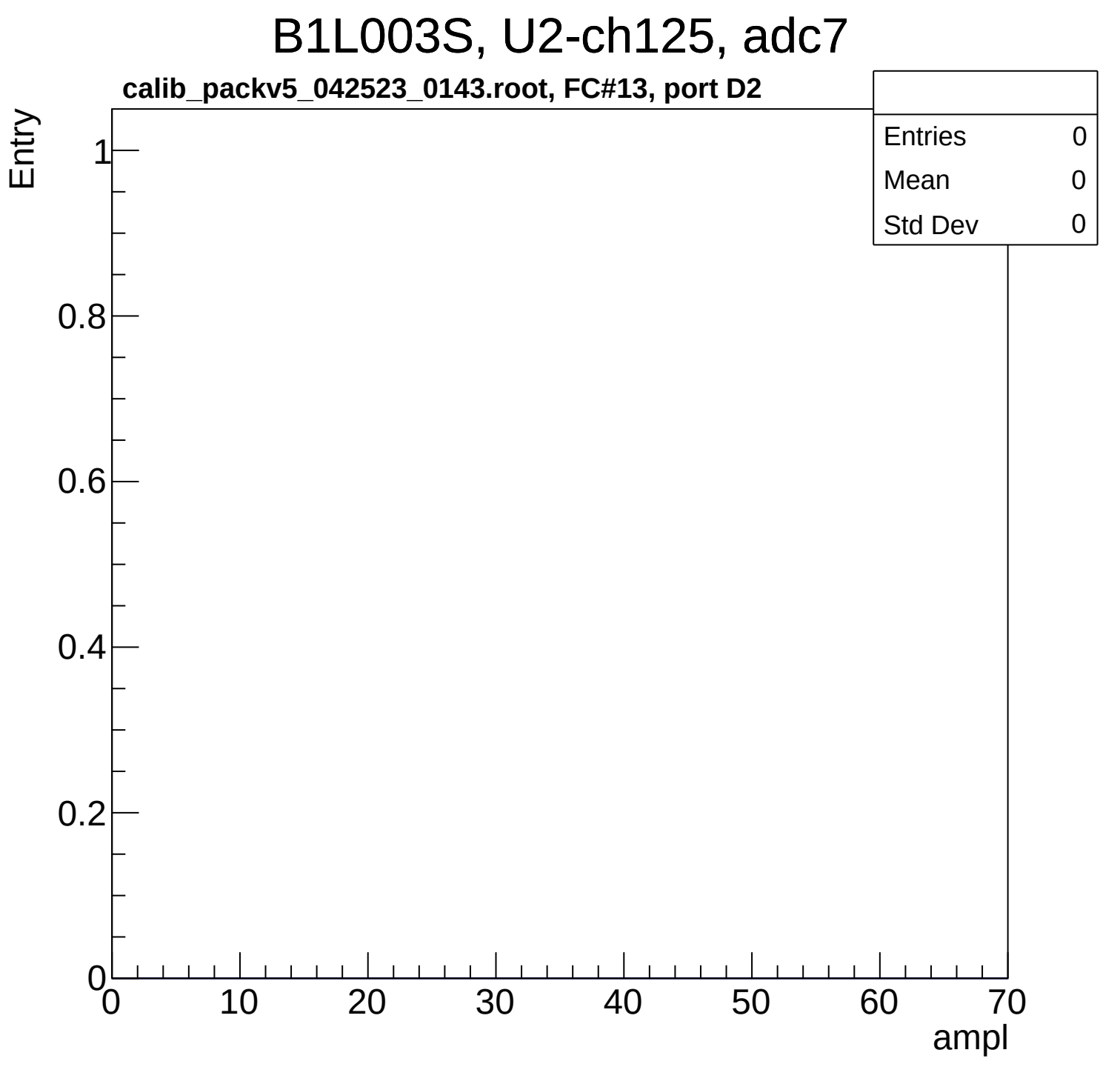

B1L003S, U2-ch125, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch125, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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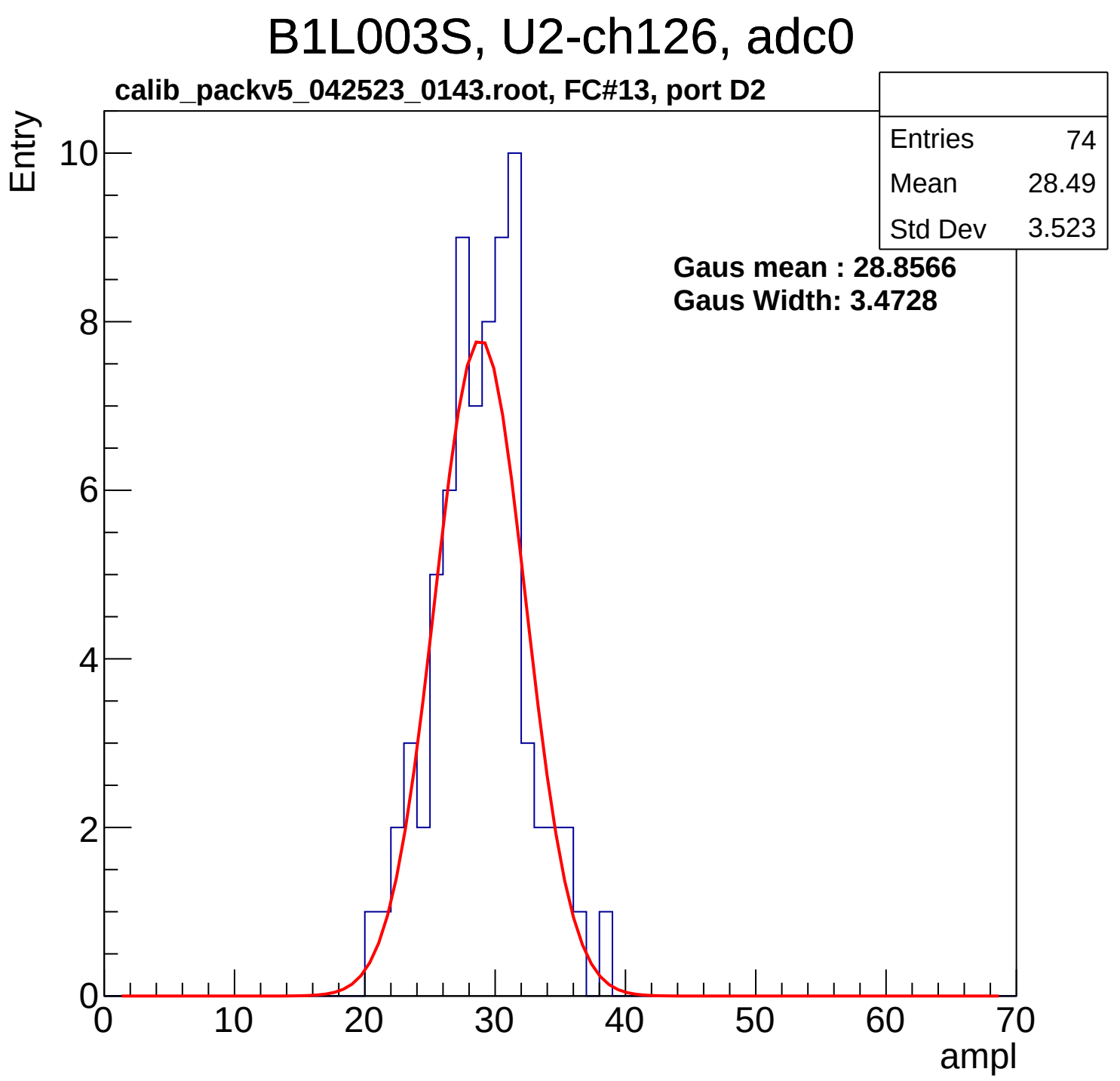
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch126, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 28.49
Std Dev 3.523
Gaus mean : 28.8566
Gaus Width: 3.4728
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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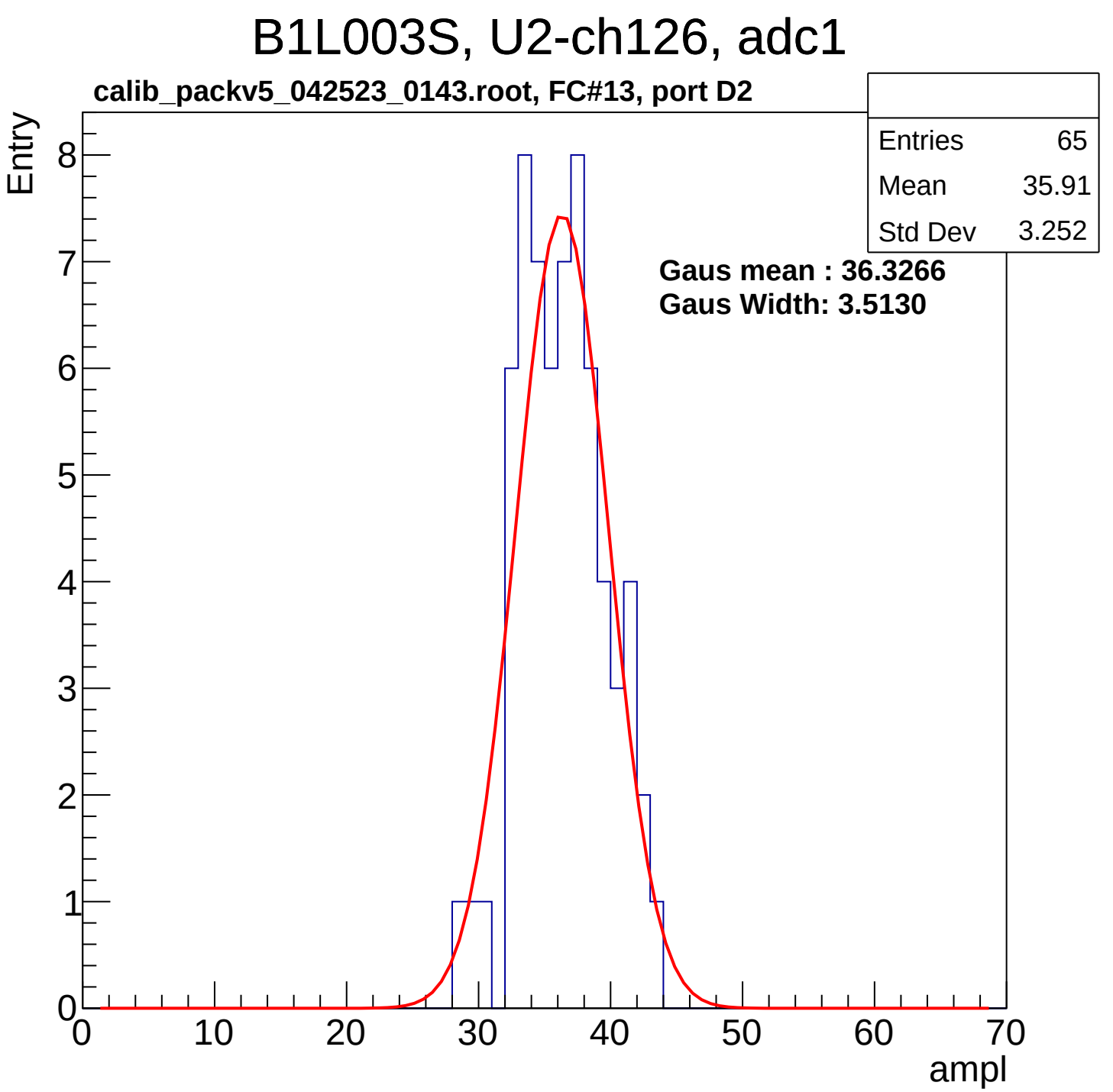
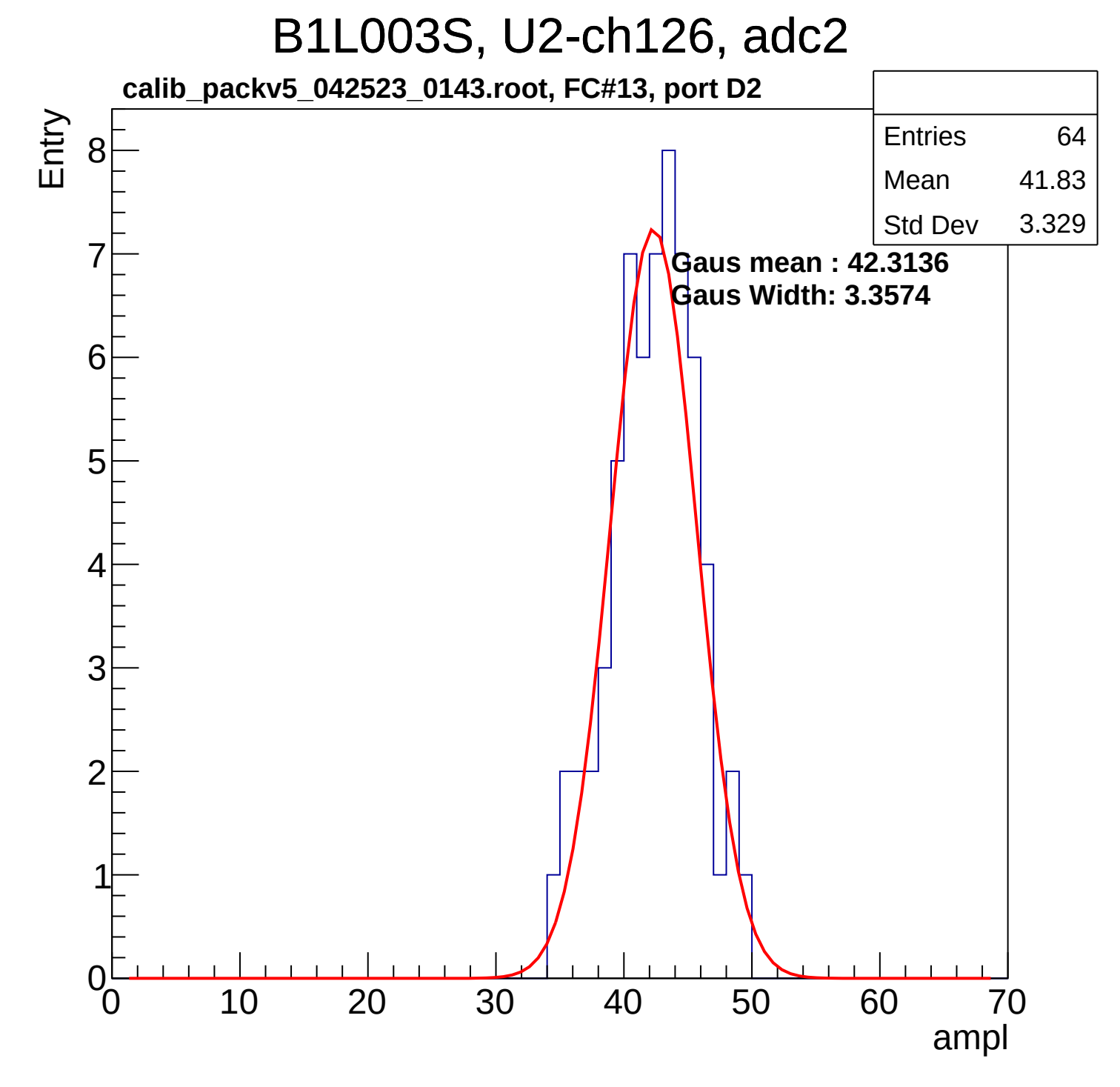
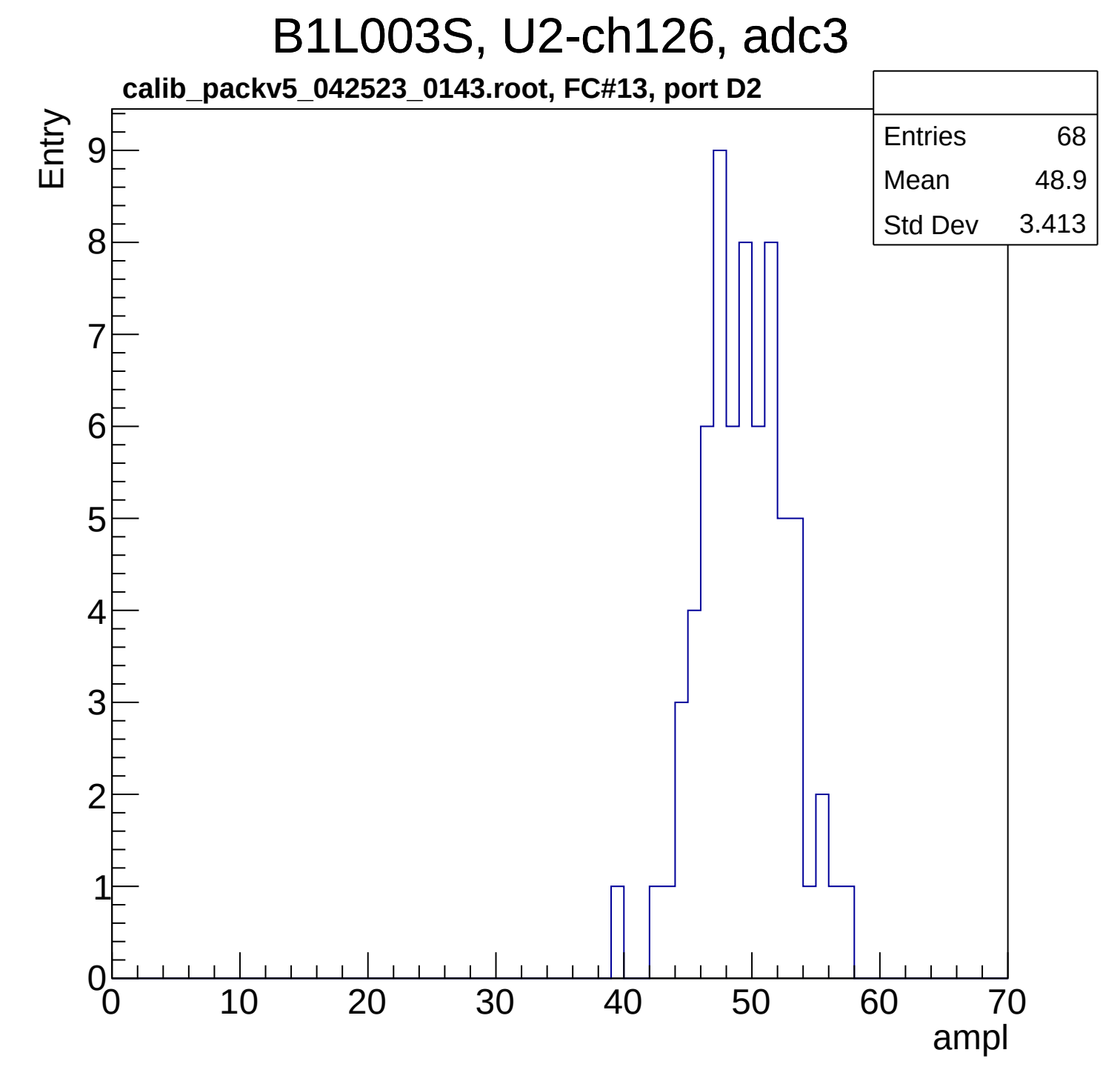

B1L003S, U2-ch126, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 35.91
Std Dev 3.252
Gaus mean : 36.3266
Gaus Width: 3.5130
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch126, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 41.83
Std Dev 3.329
Gaus mean : 42.3136
Gaus Width: 3.3574
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U2-ch126, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 48.9
Std Dev 3.413
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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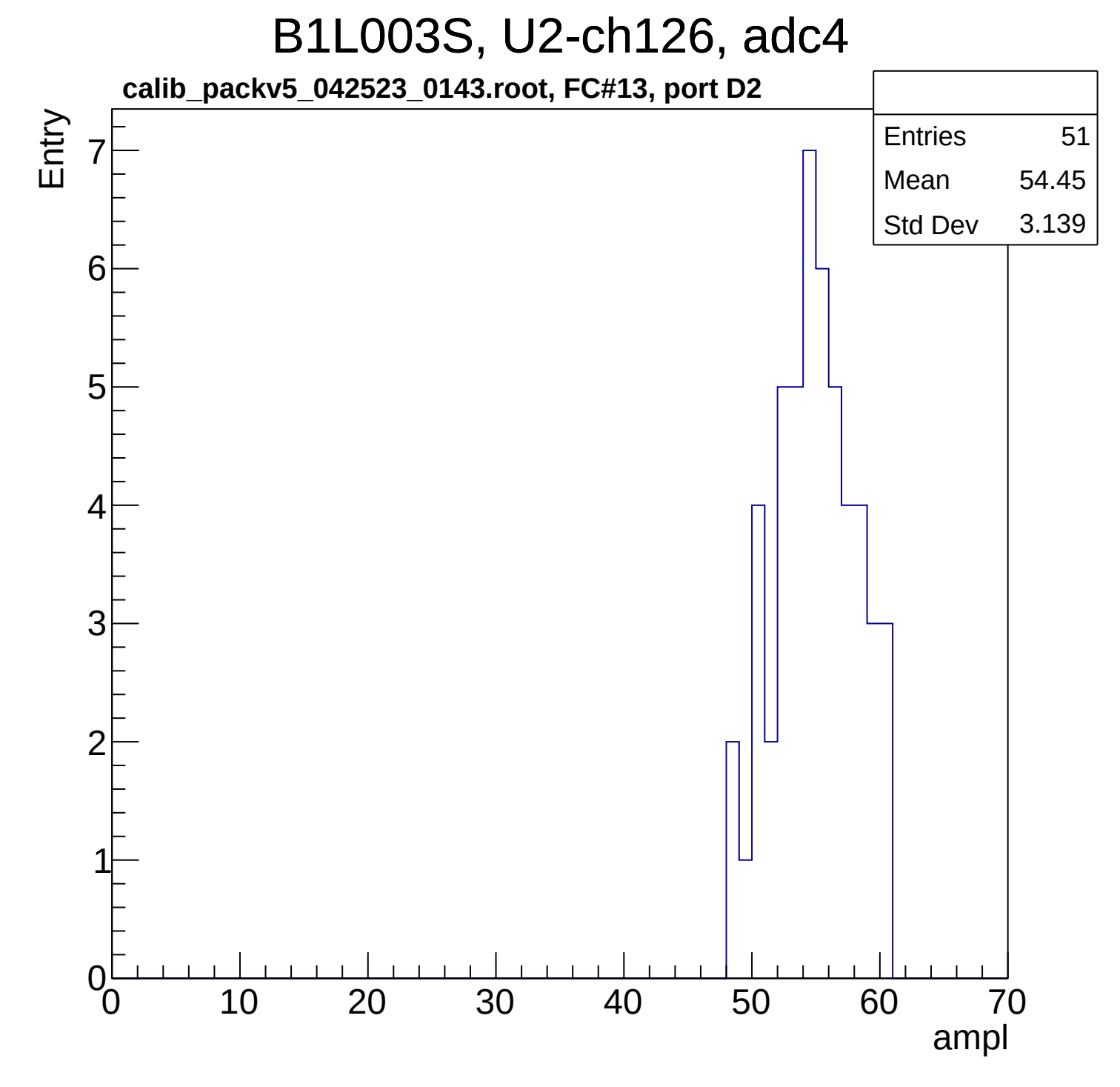
B1L003S, U2-ch126, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 54.45
Std Dev 3.139
Entry
ampl
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1
2
3
4
5
6
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0
10
20
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40
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60
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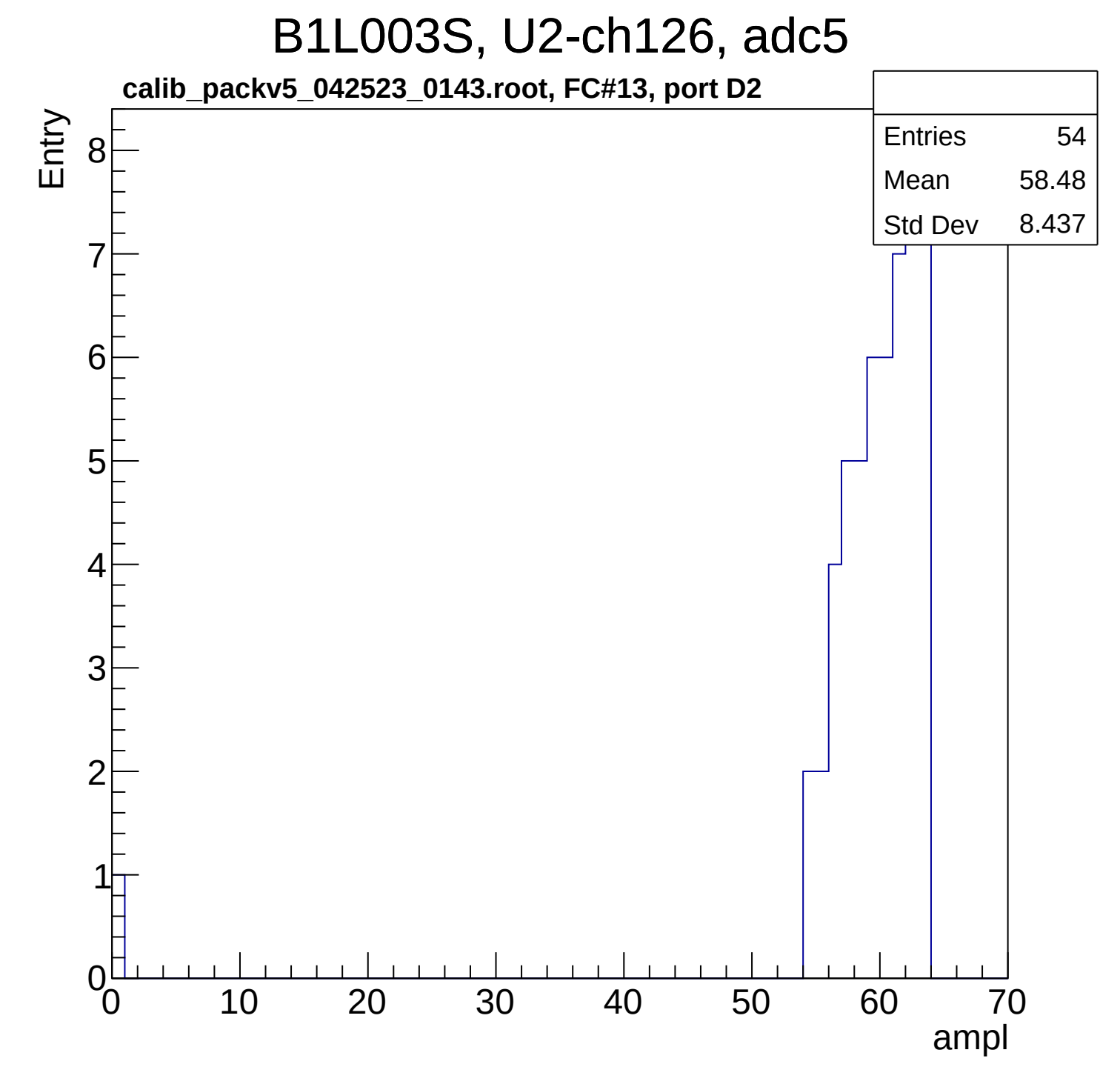
B1L003S, U2-ch126, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.48
Std Dev 8.437
Entry
ampl
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1
2
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4
5
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0
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60
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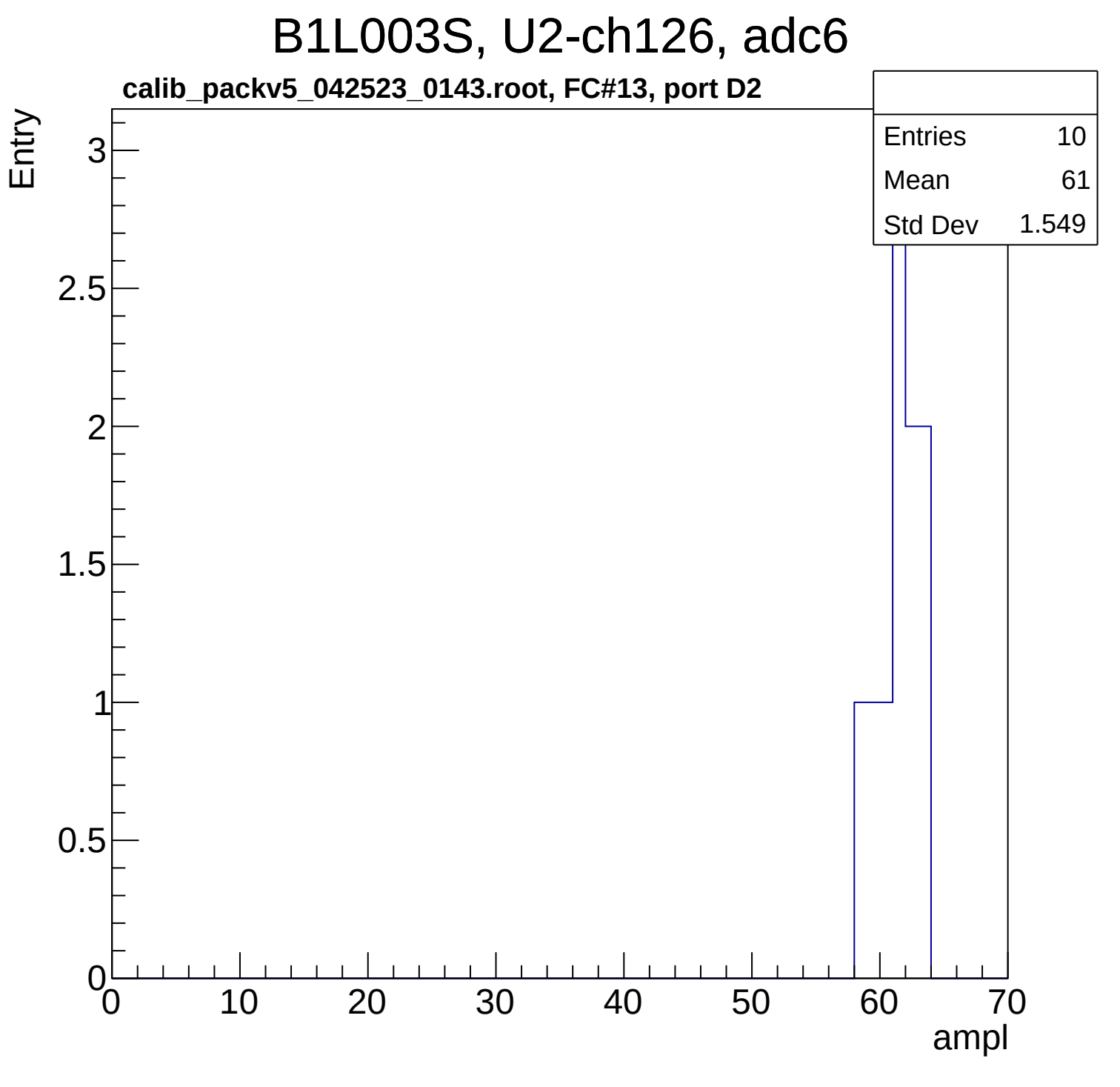
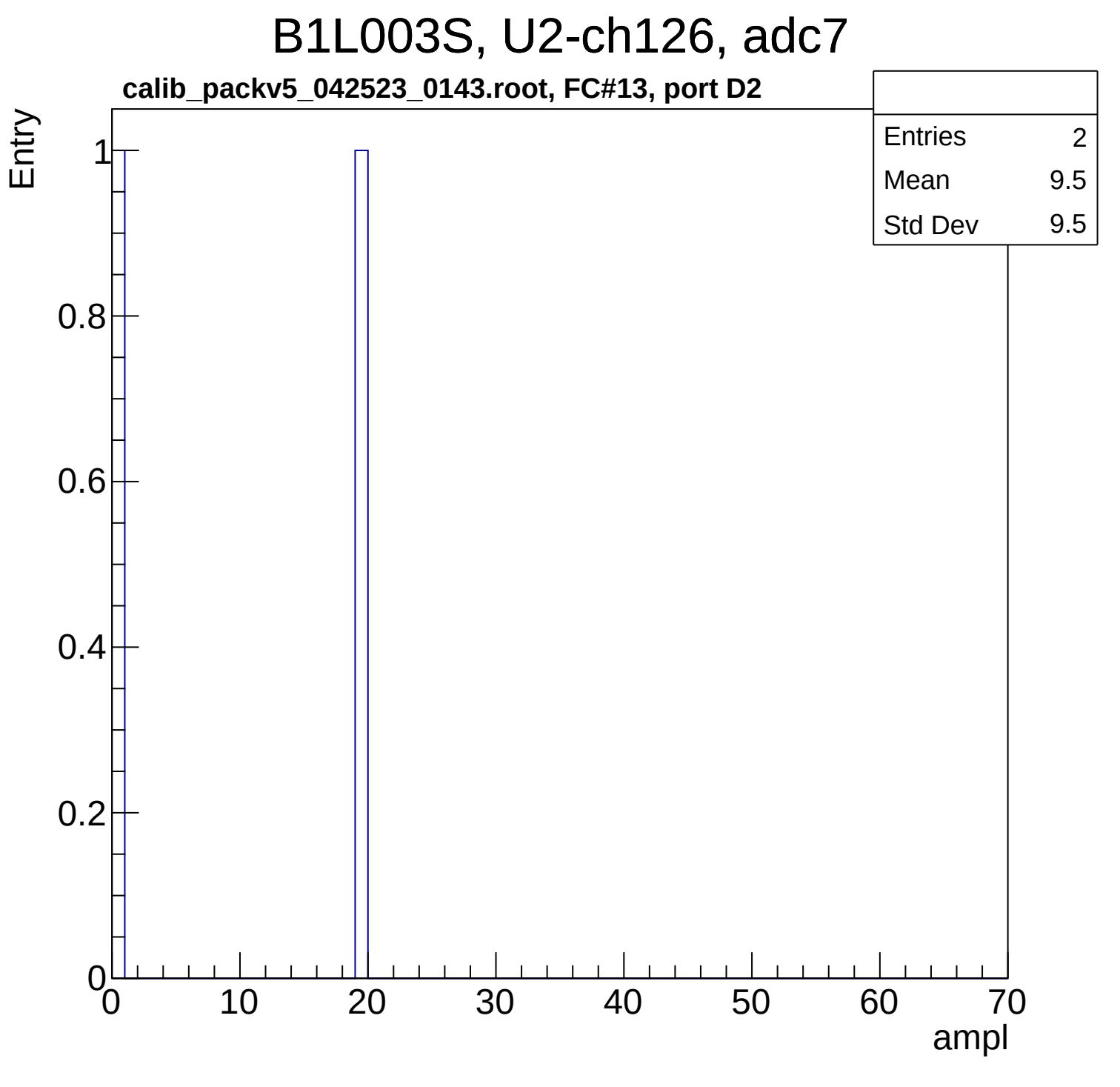

B1L003S, U2-ch126, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 61
Std Dev 1.549
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch126, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
ampl
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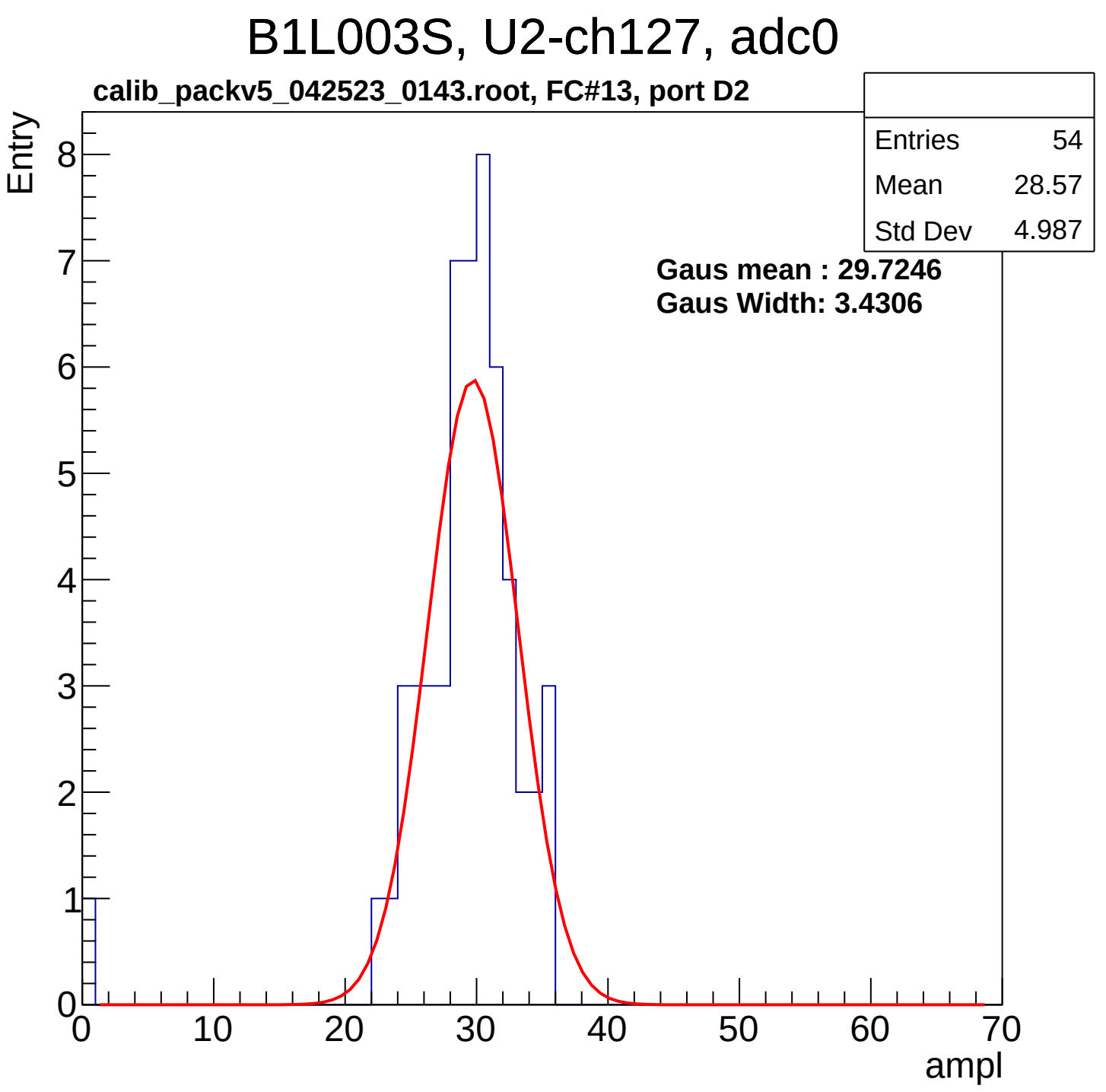
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L003S, U2-ch127, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 28.57
Std Dev 4.987
Gaus mean : 29.7246
Gaus Width: 3.4306
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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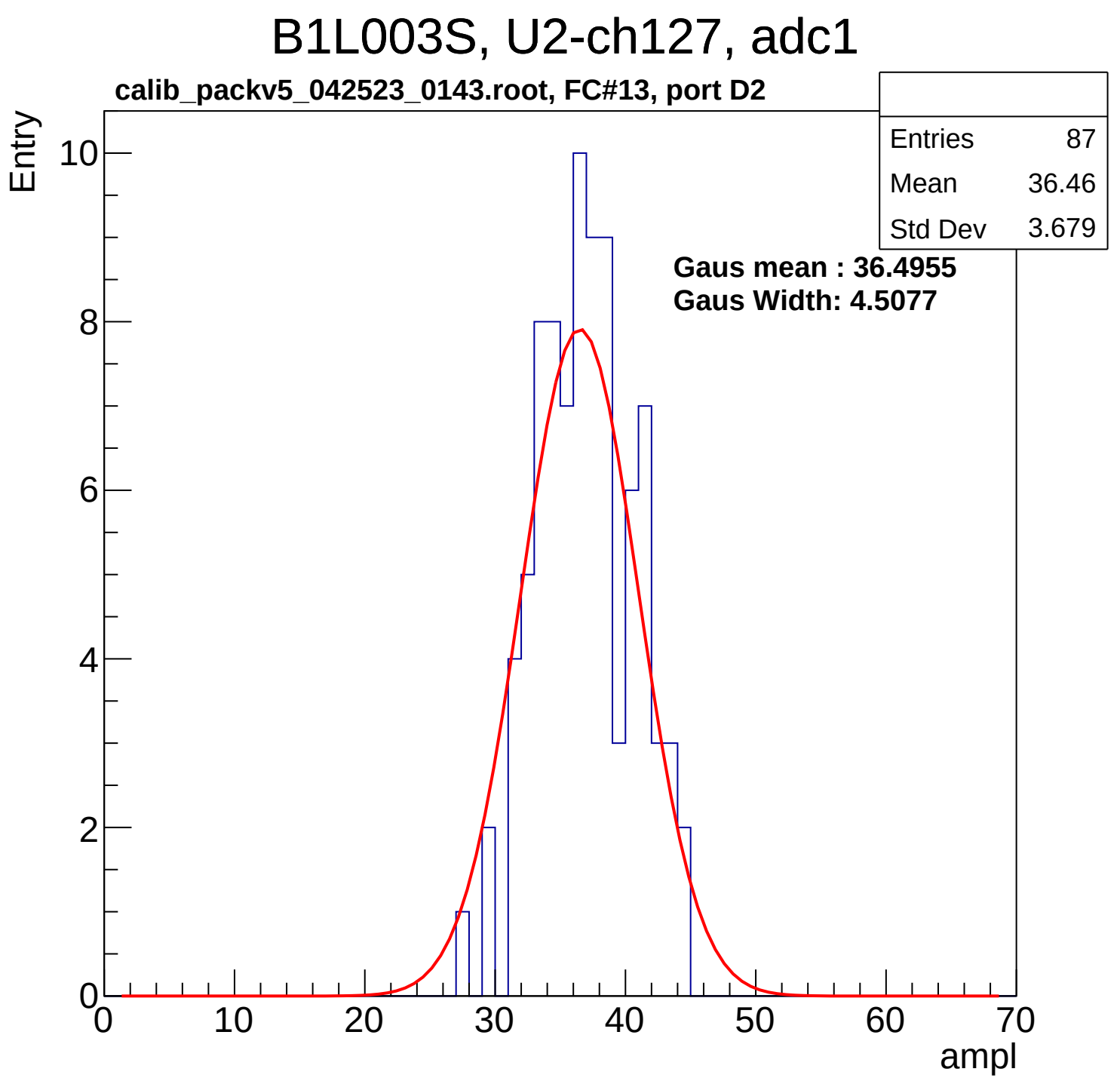
40
50
60
70


B1L003S, U2-ch127, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 87
Mean 36.46
Std Dev 3.679
Gaus mean : 36.4955
Gaus Width: 4.5077
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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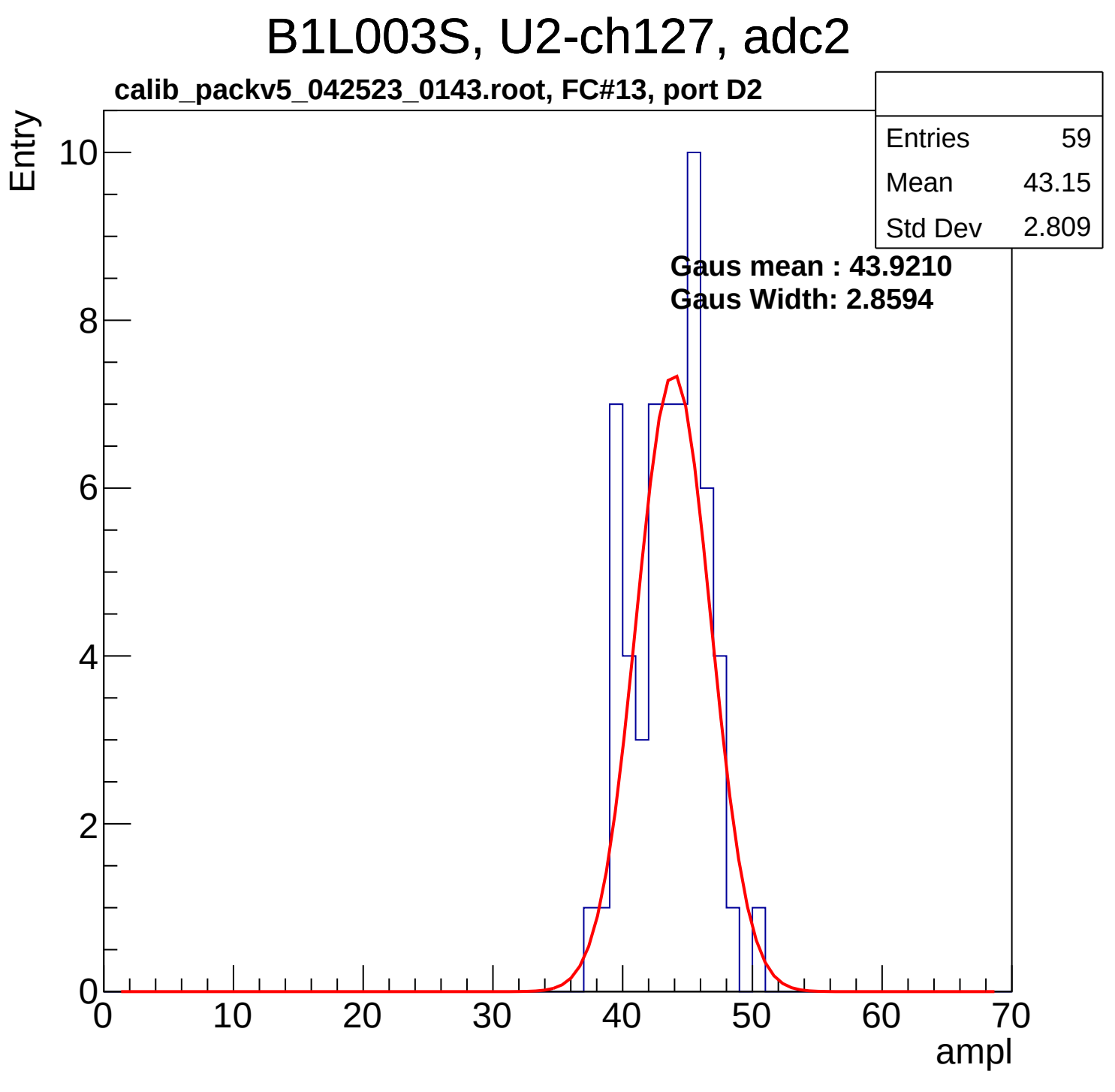
B1L003S, U2-ch127, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 43.15
Std Dev 2.809
Gaus mean : 43.9210
Gaus Width: 2.8594
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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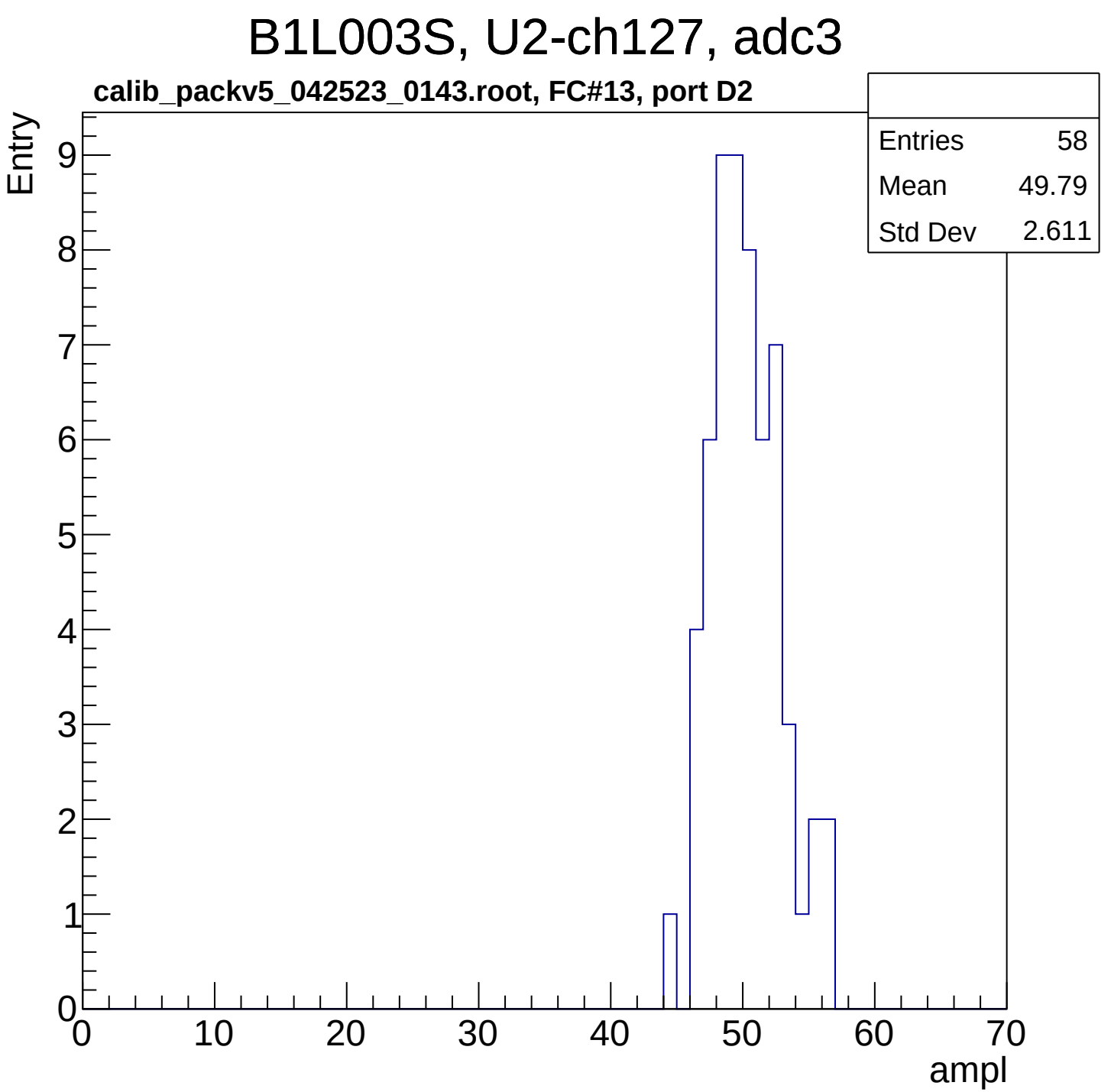
B1L003S, U2-ch127, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 49.79
Std Dev 2.611
Entry
ampl
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3
4
5
6
7
8
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0
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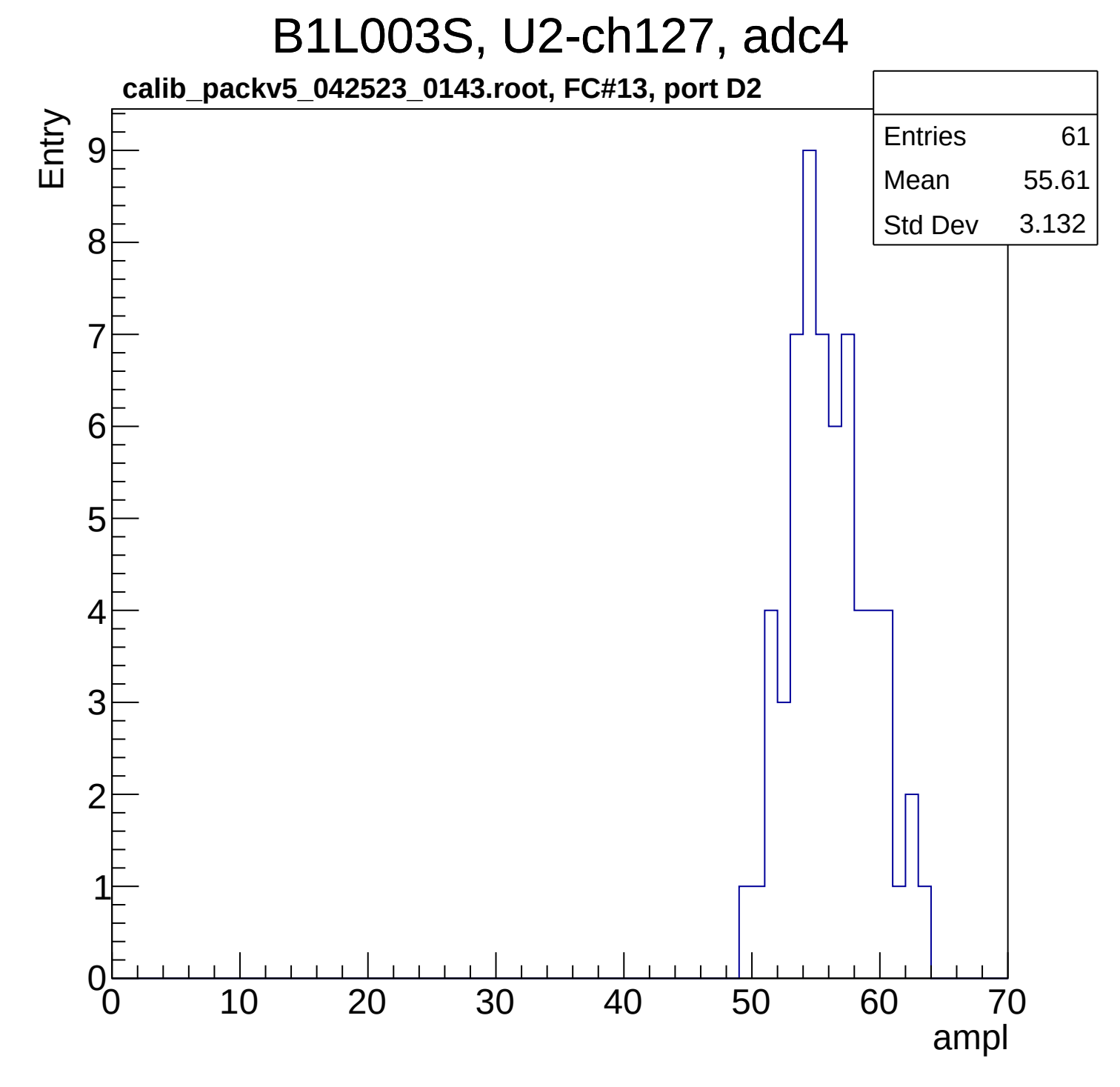
B1L003S, U2-ch127, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 55.61
Std Dev 3.132
Entry
ampl
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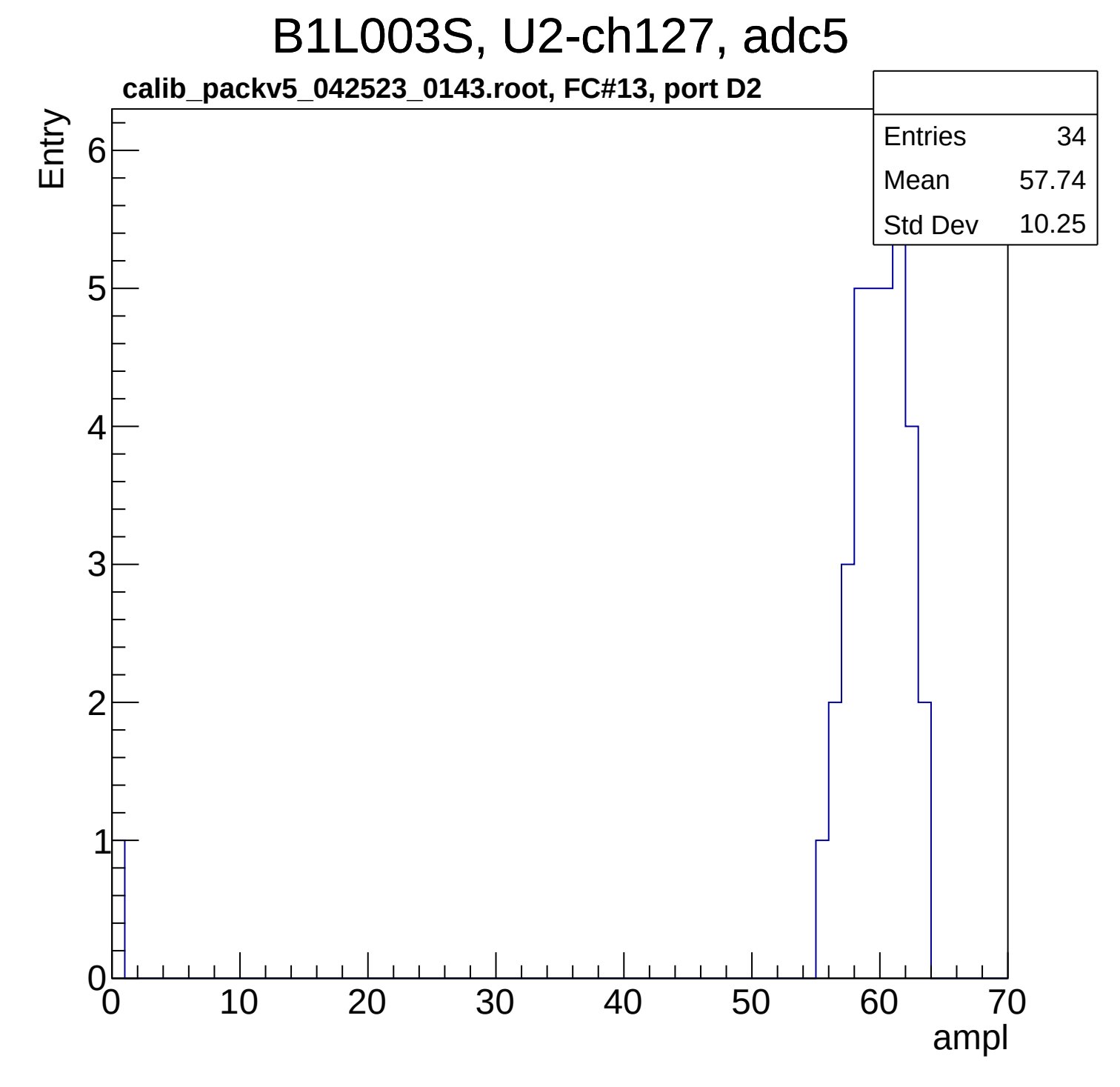
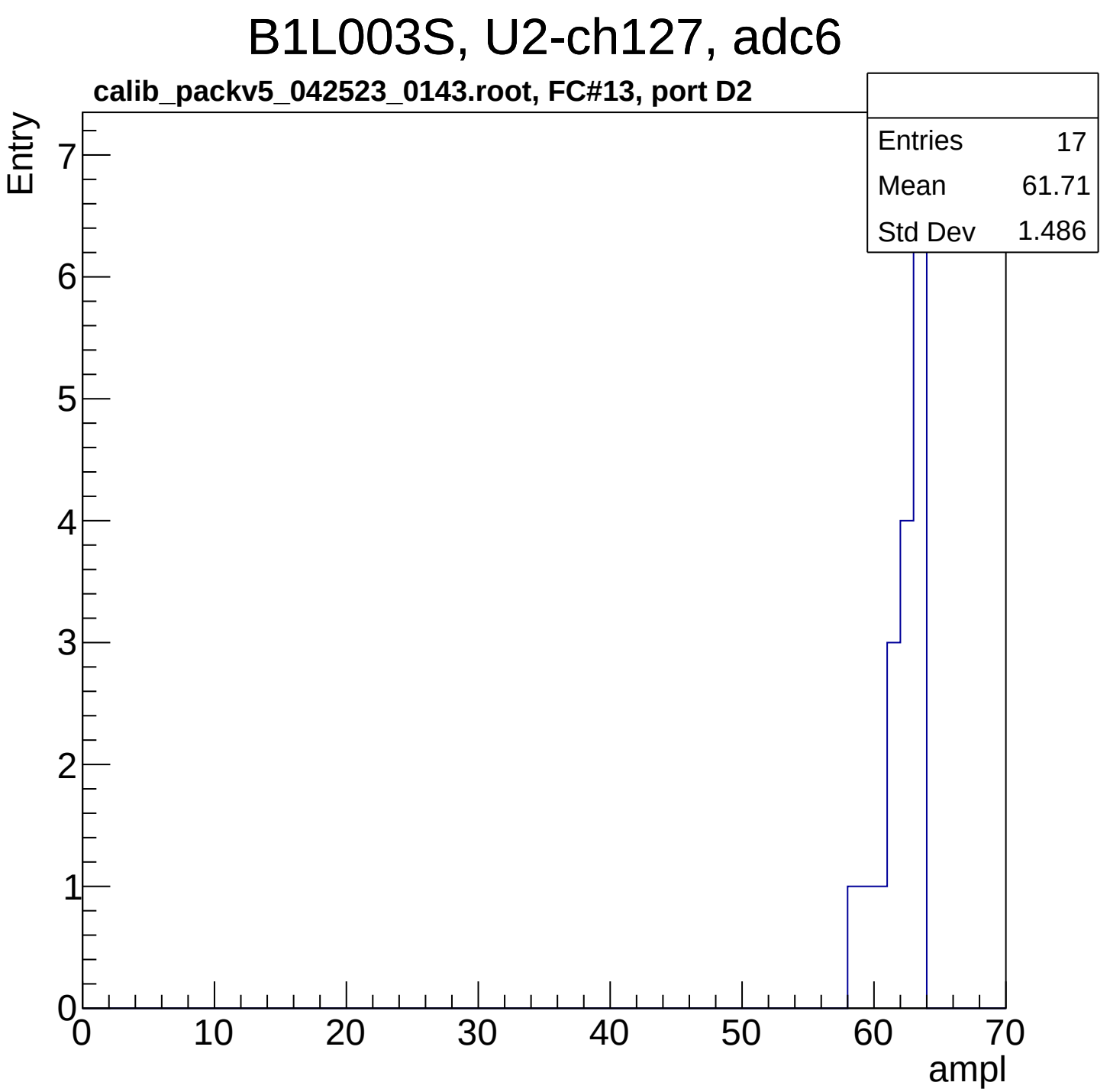

B1L003S, U2-ch127, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 34
Mean 57.74
Std Dev 10.25
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch127, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 17
Mean 61.71
Std Dev 1.486
Entry
ampl
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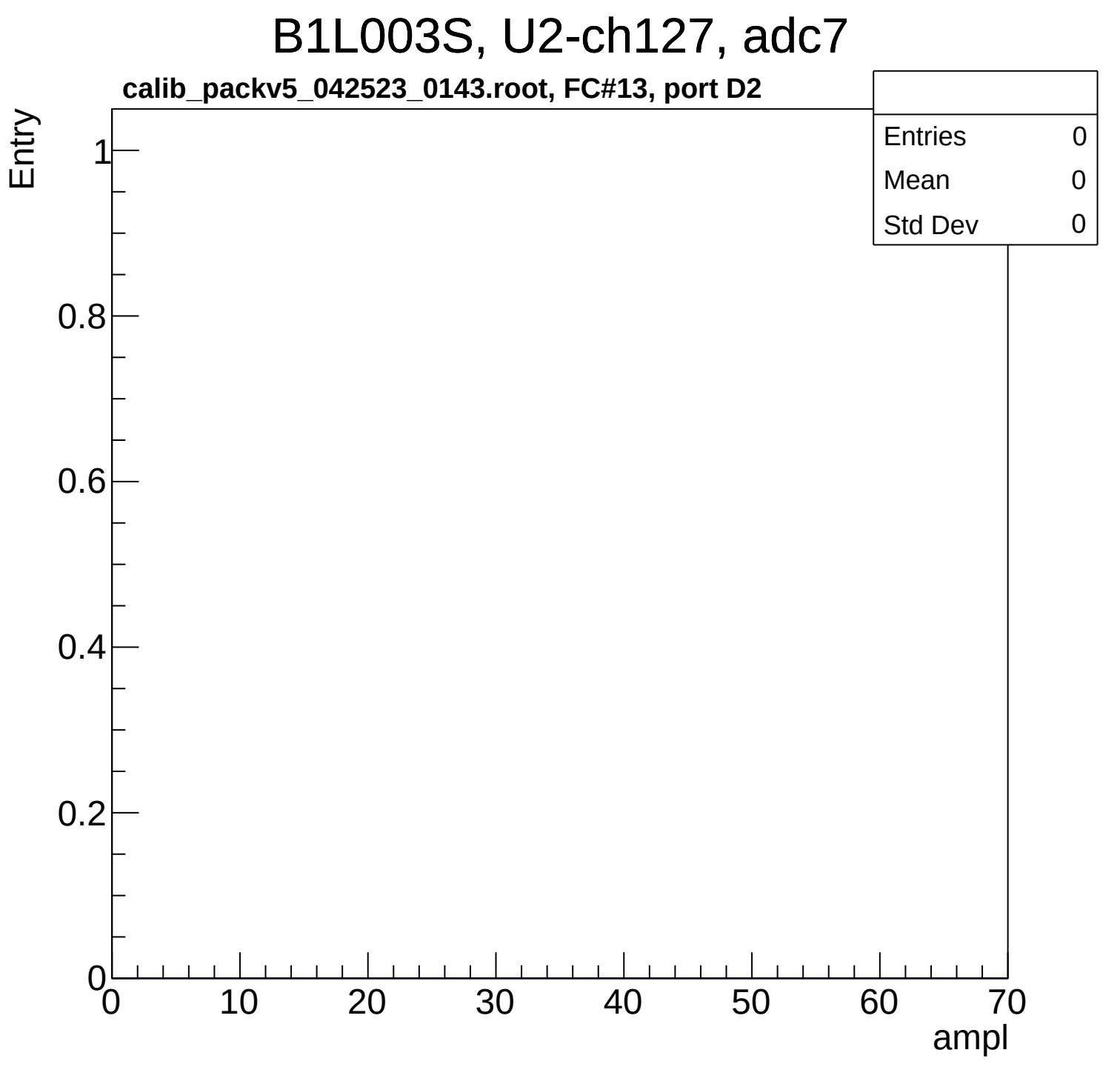
B1L003S, U2-ch127, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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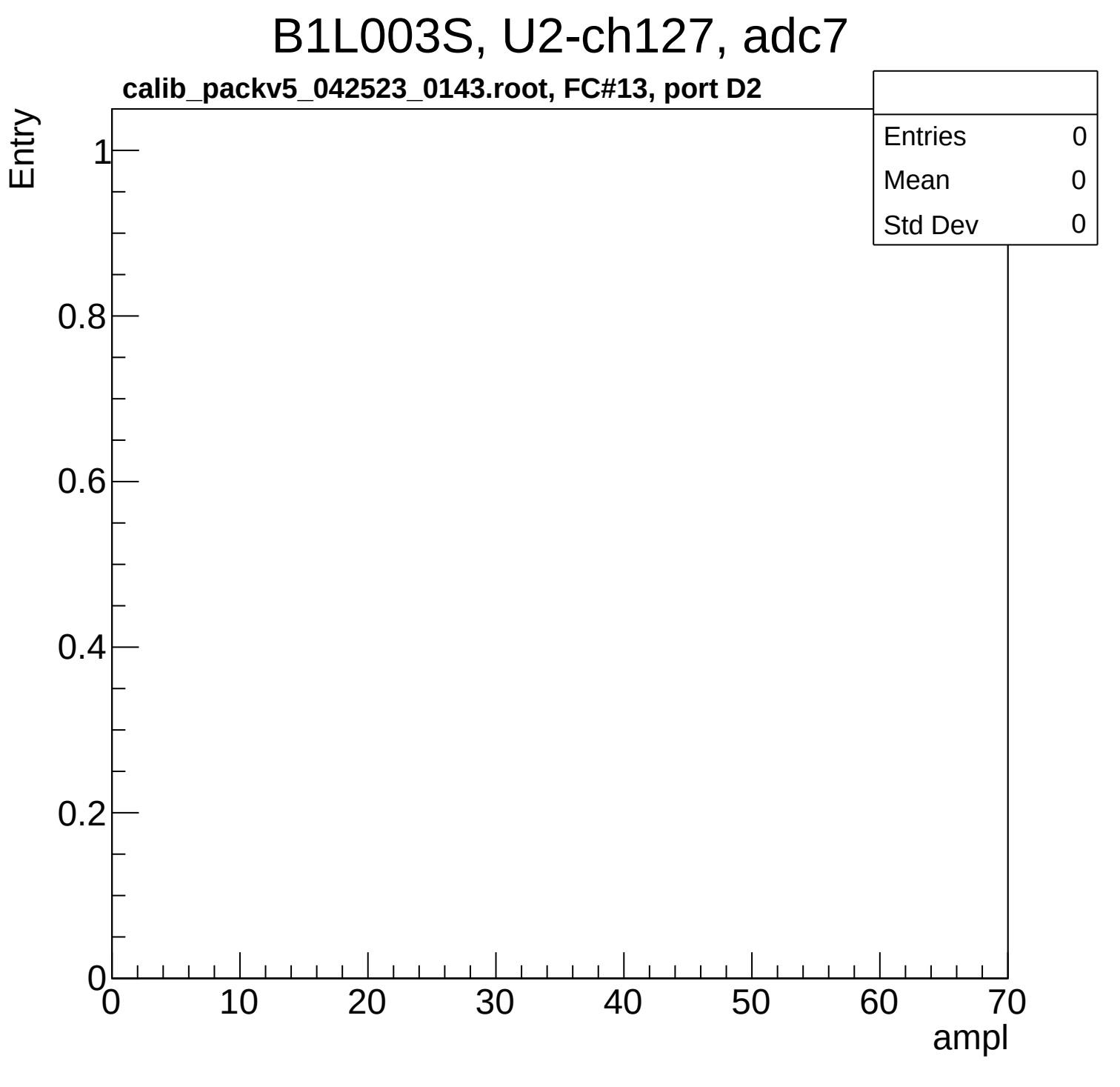
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U2-ch127, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl