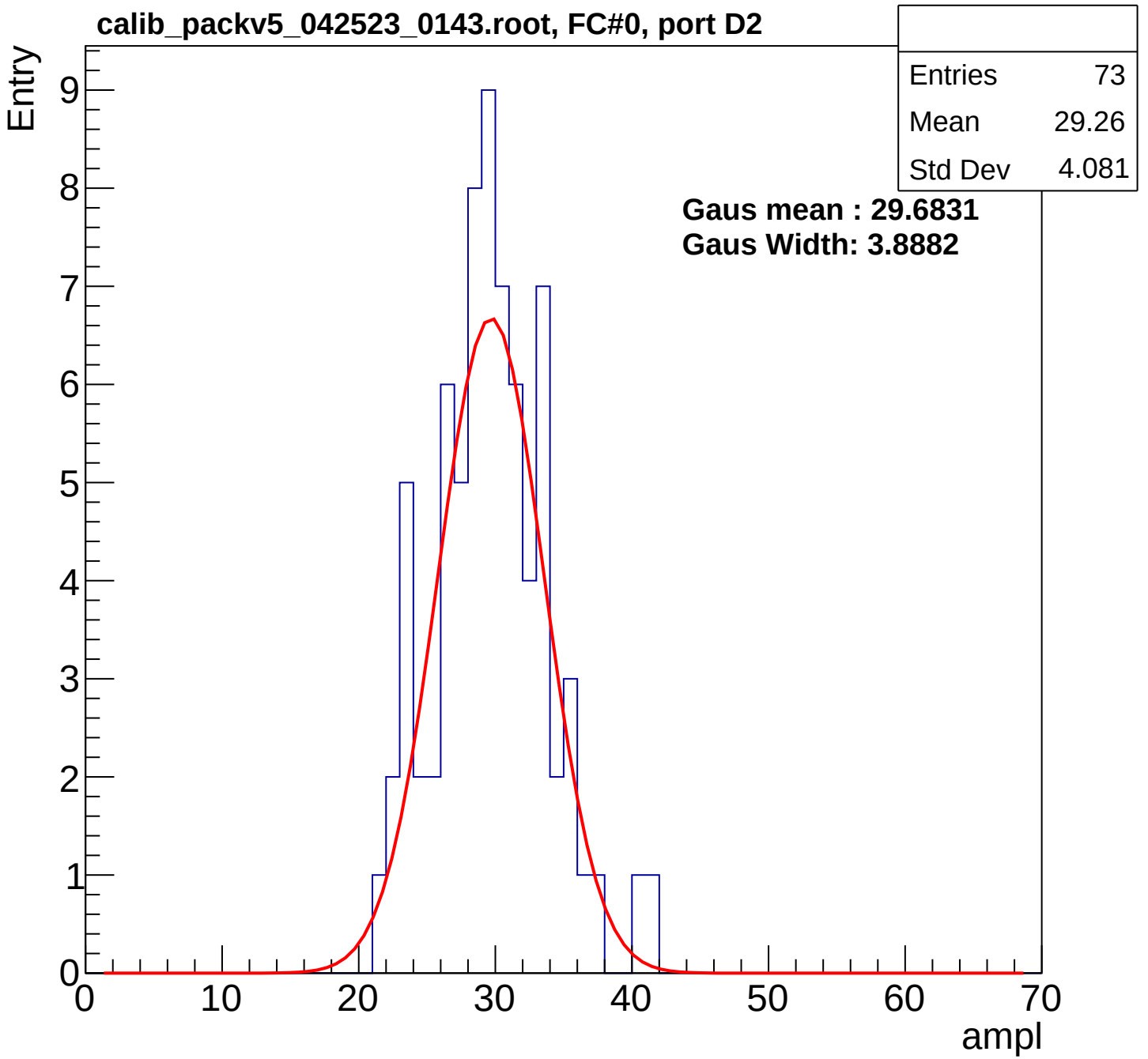
B1L101S, U19-ch0, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 29.26
Std Dev 4.081
Gaus mean : 29.6831
Gaus Width: 3.8882
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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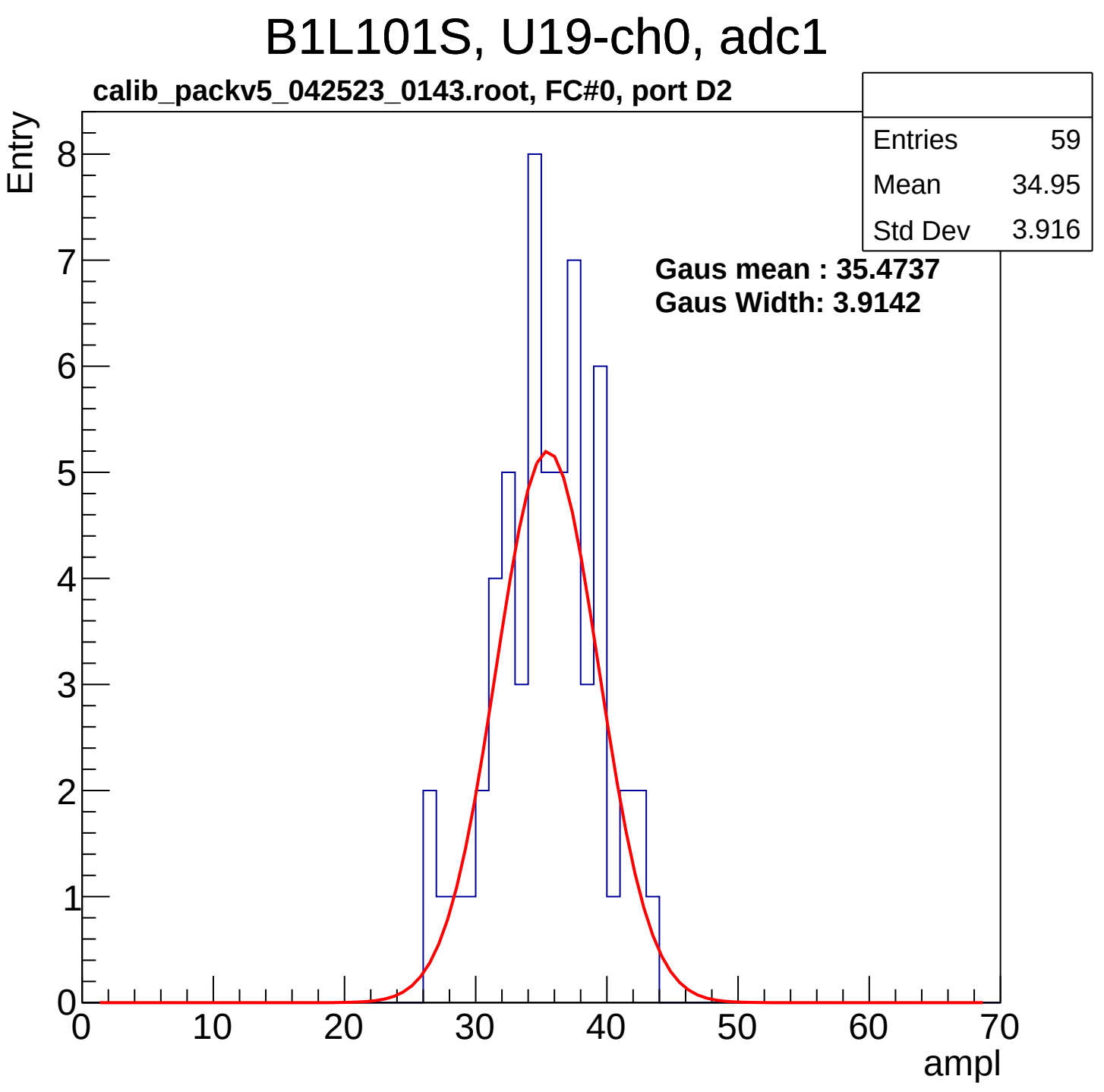
B1L101S, U19-ch0, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 34.95
Std Dev 3.916
Gaus mean : 35.4737
Gaus Width: 3.9142
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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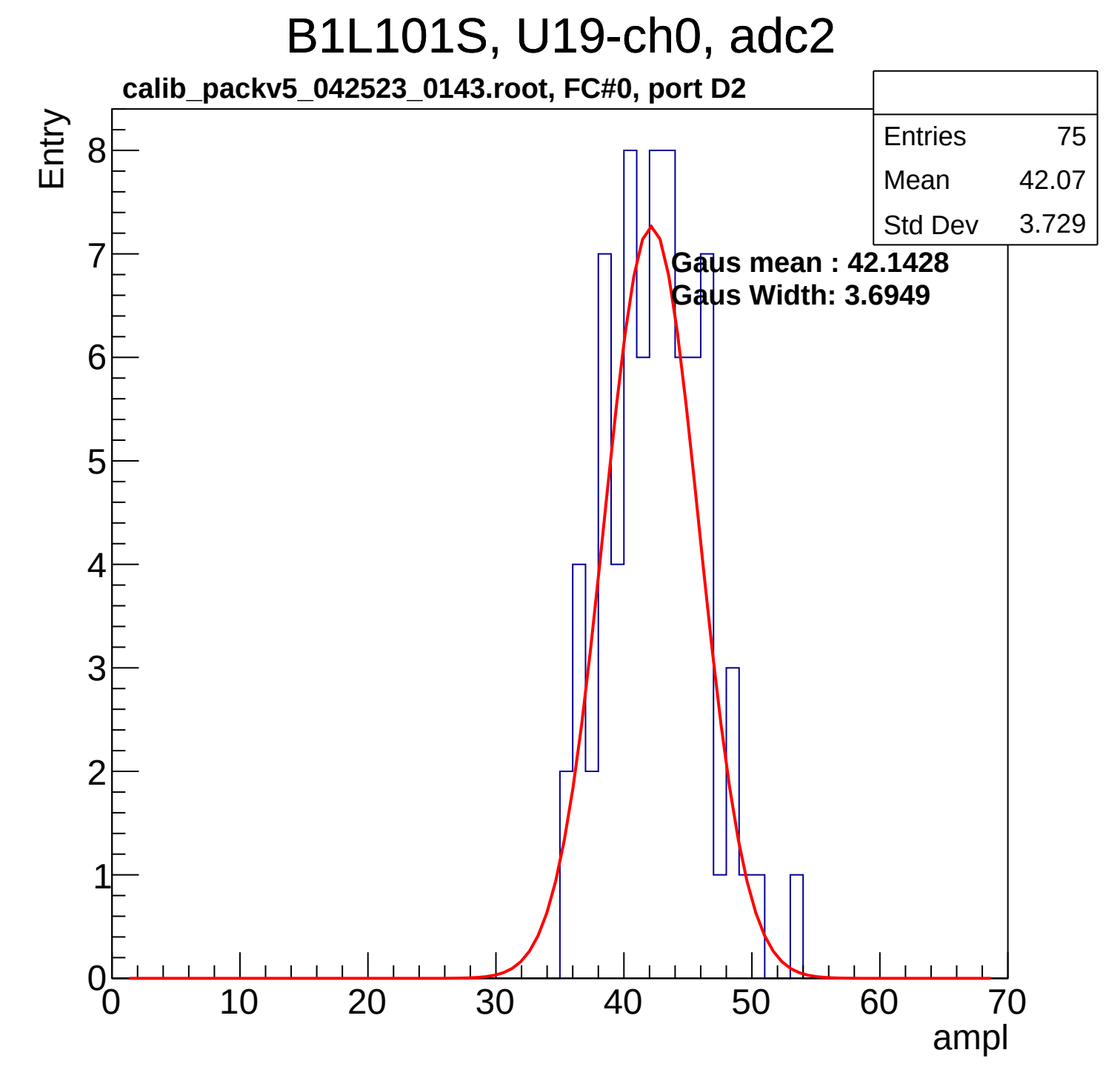
B1L101S, U19-ch0, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 42.07
Std Dev 3.729
Gaus mean : 42.1428
Gaus Width: 3.6949
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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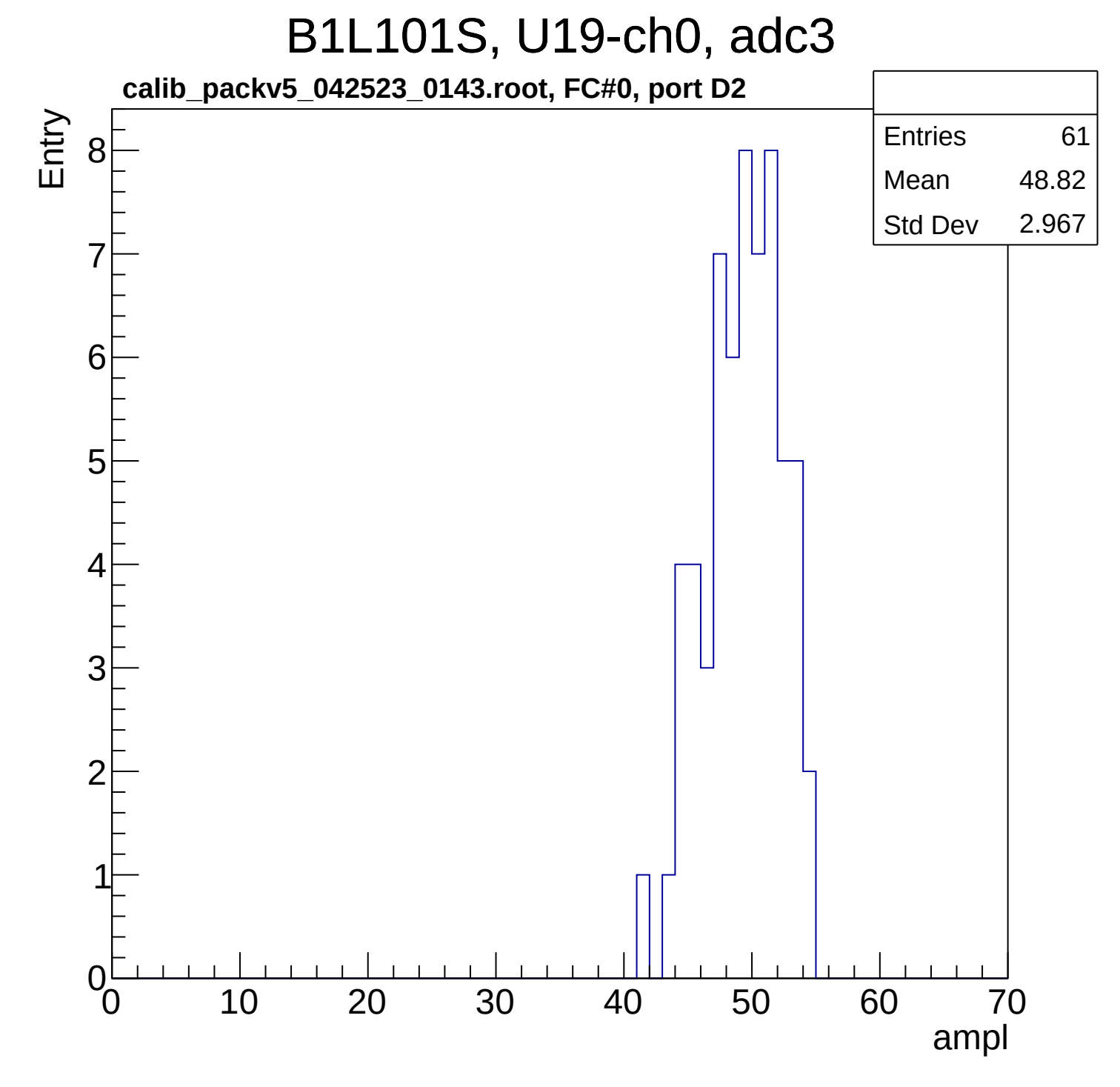
B1L101S, U19-ch0, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 48.82
Std Dev 2.967
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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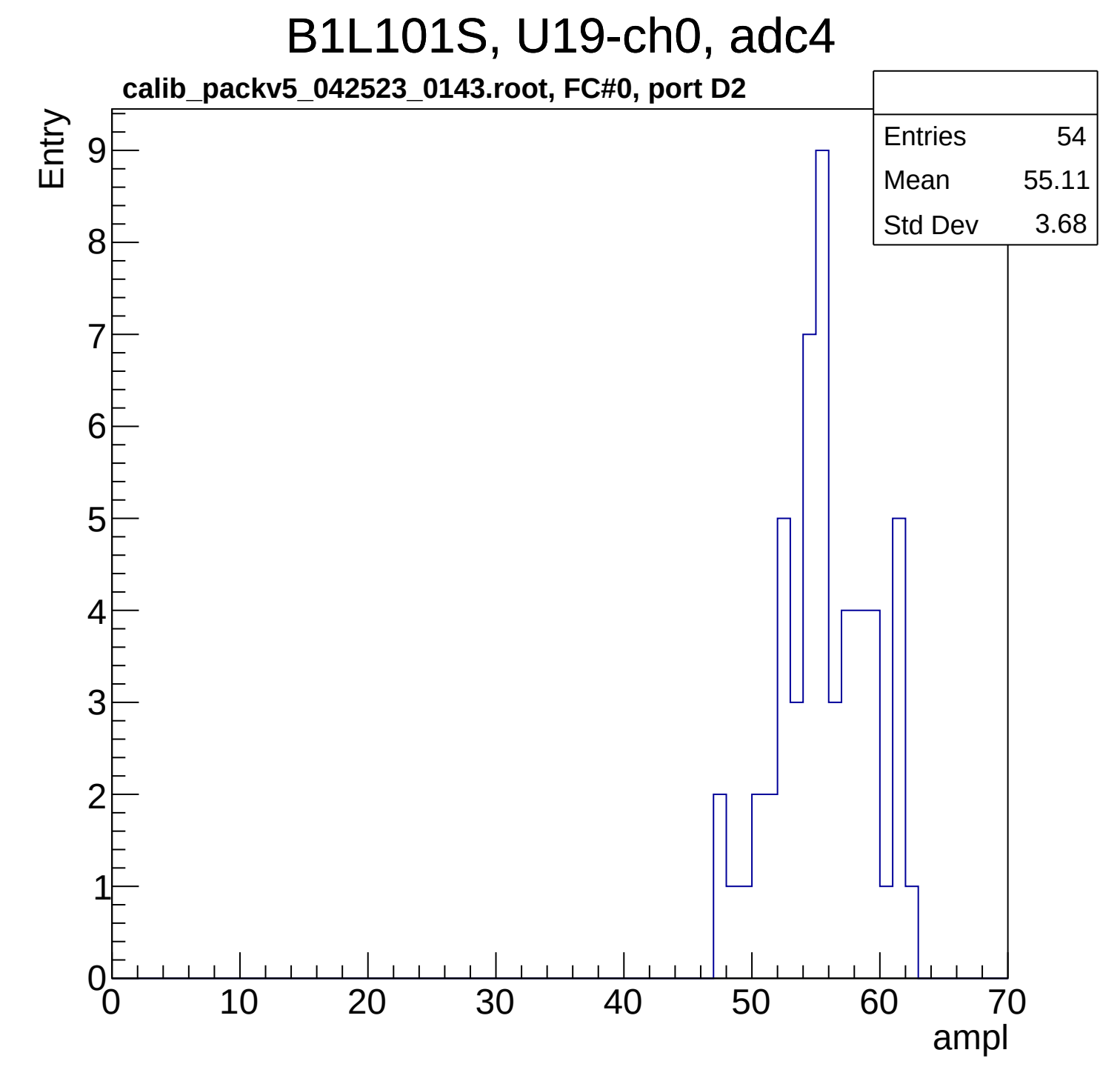
B1L101S, U19-ch0, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 55.11
Std Dev 3.68
Entry
ampl
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2
3
4
5
6
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0
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60
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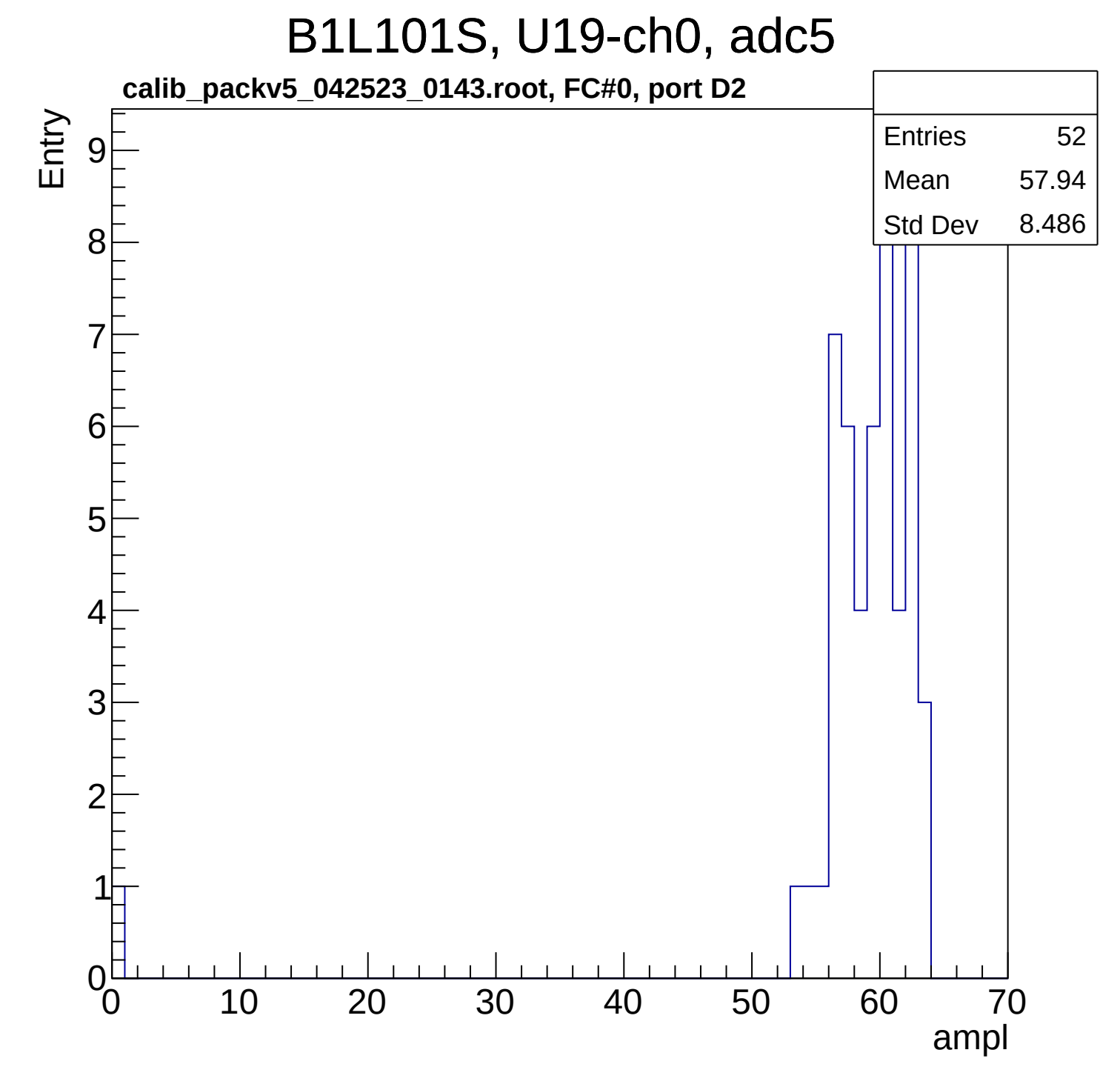
B1L101S, U19-ch0, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 57.94
Std Dev 8.486
Entry
ampl
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2
3
4
5
6
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8
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0
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60
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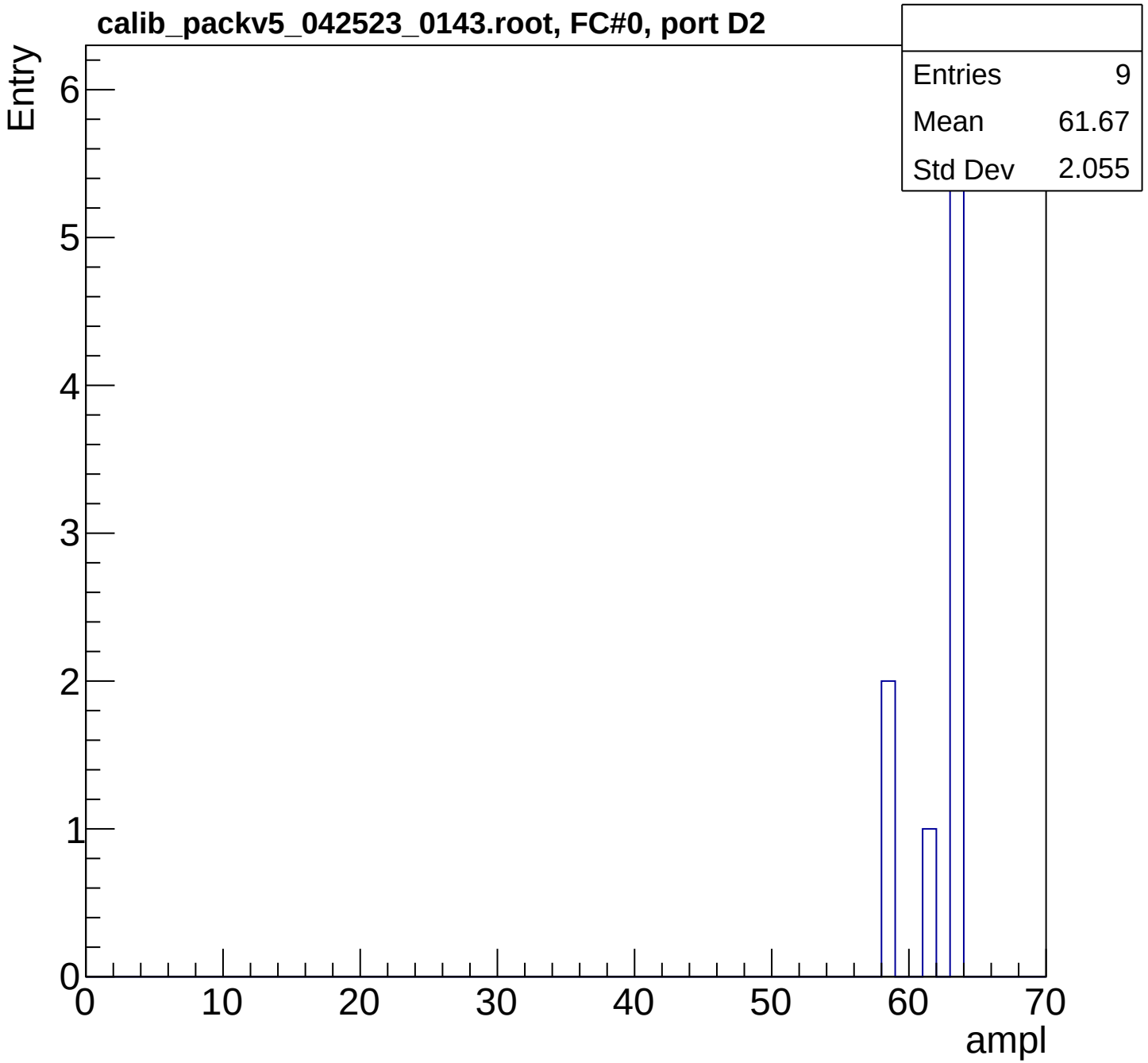
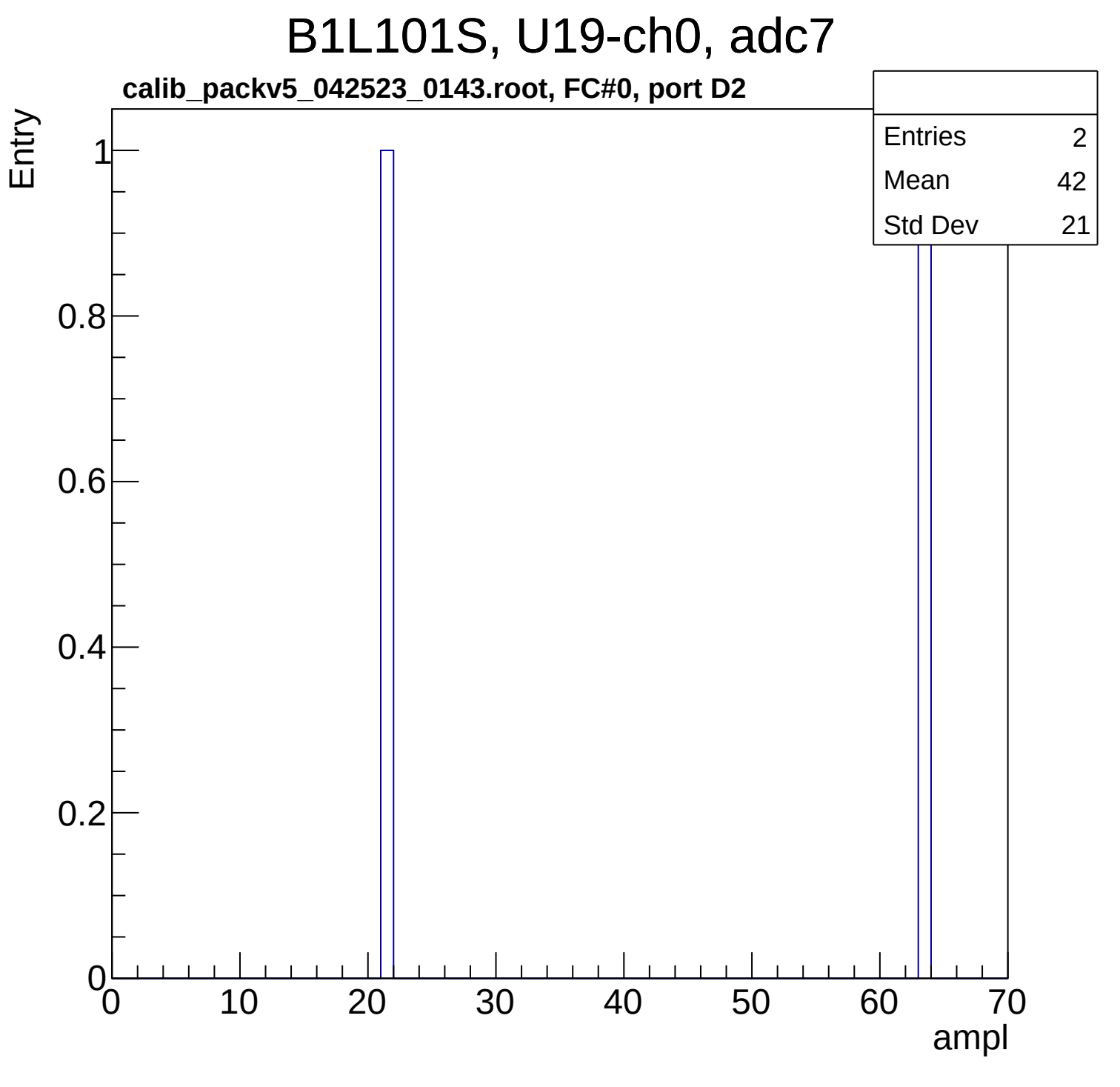
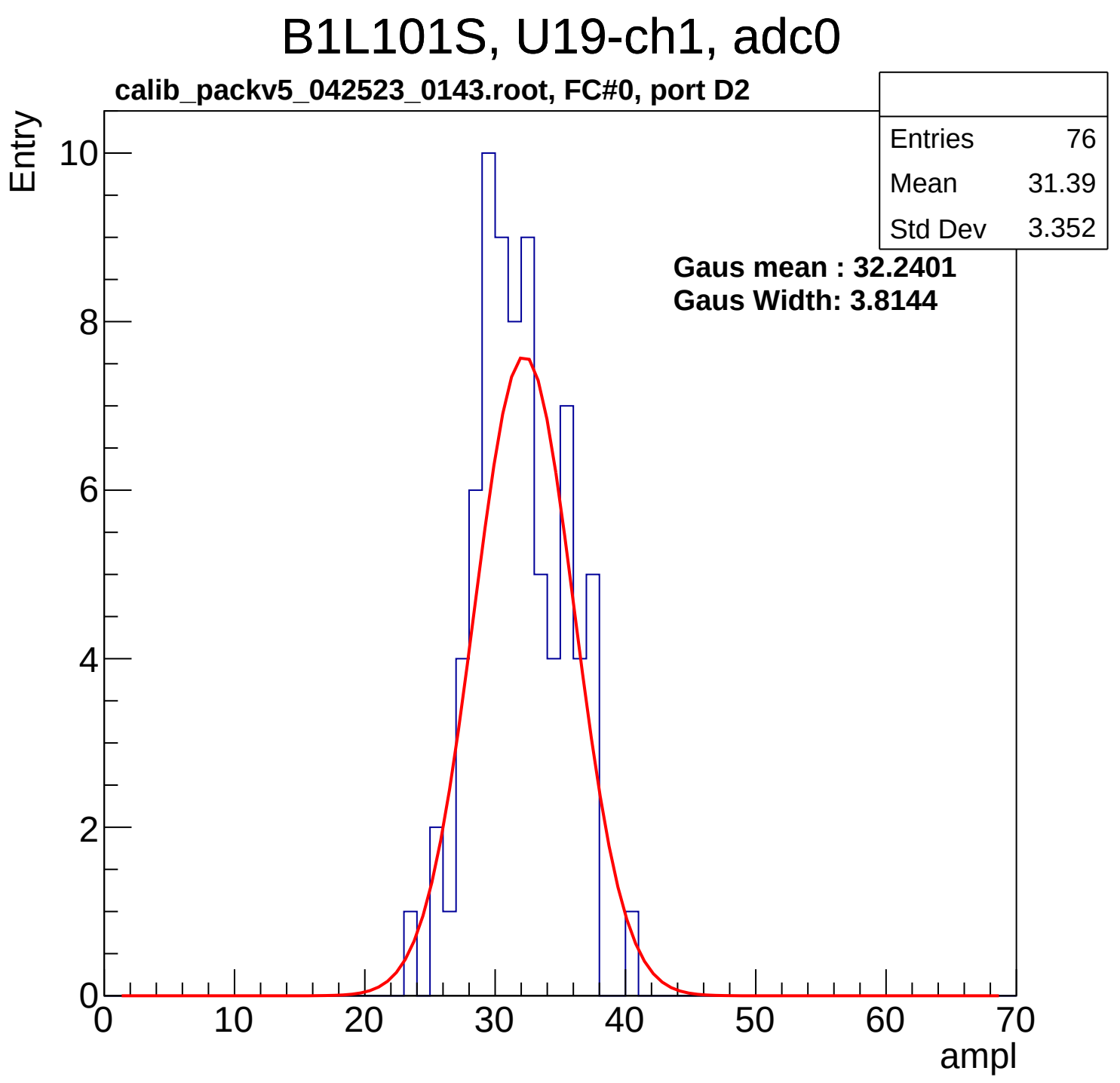
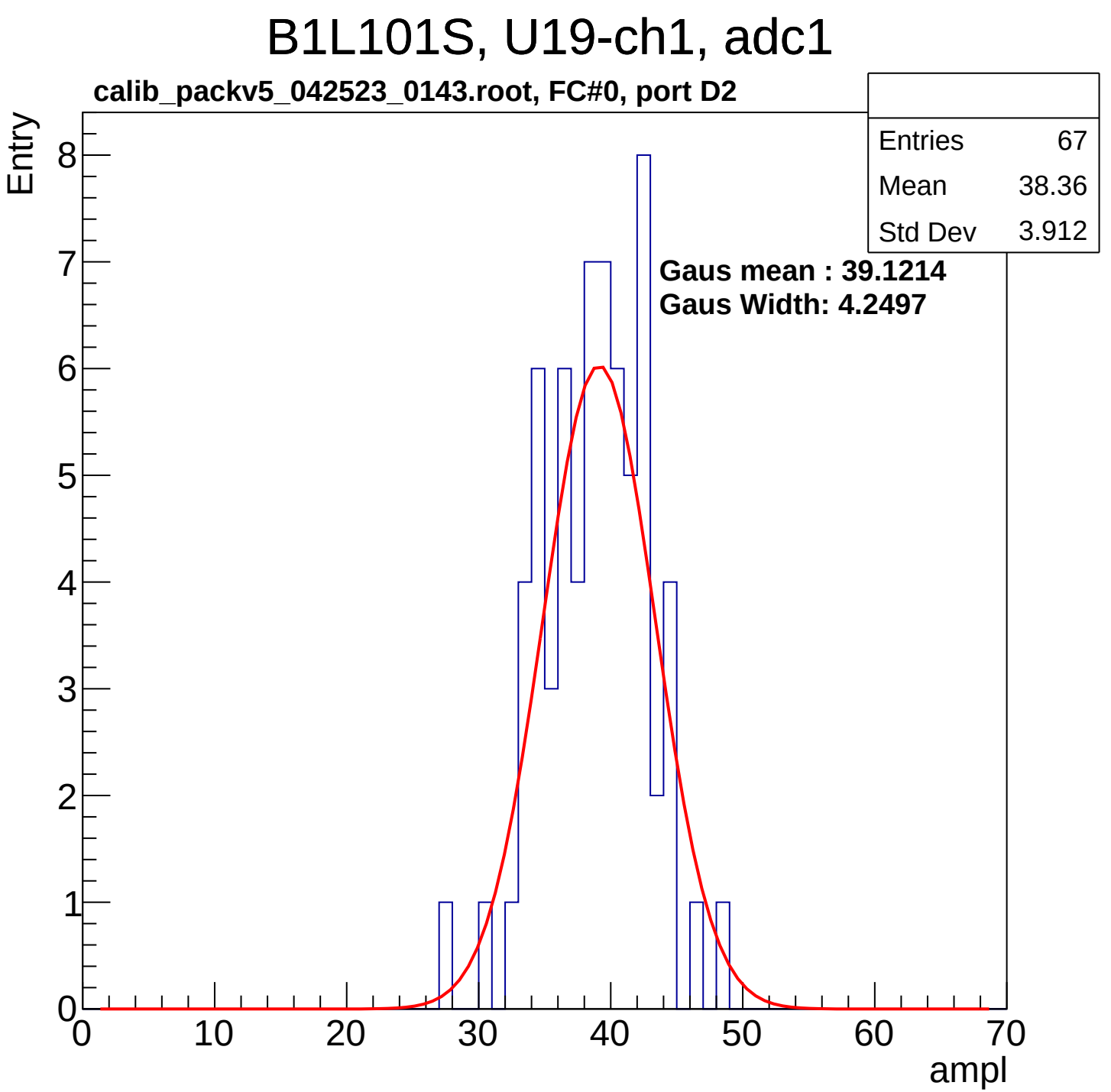

B1L101S, U19-ch0, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 61.67
Std Dev 2.055
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch0, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 42
Std Dev 21
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch1, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 31.39
Std Dev 3.352
Gaus mean : 32.2401
Gaus Width: 3.8144
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch1, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 38.36
Std Dev 3.912
Gaus mean : 39.1214
Gaus Width: 4.2497
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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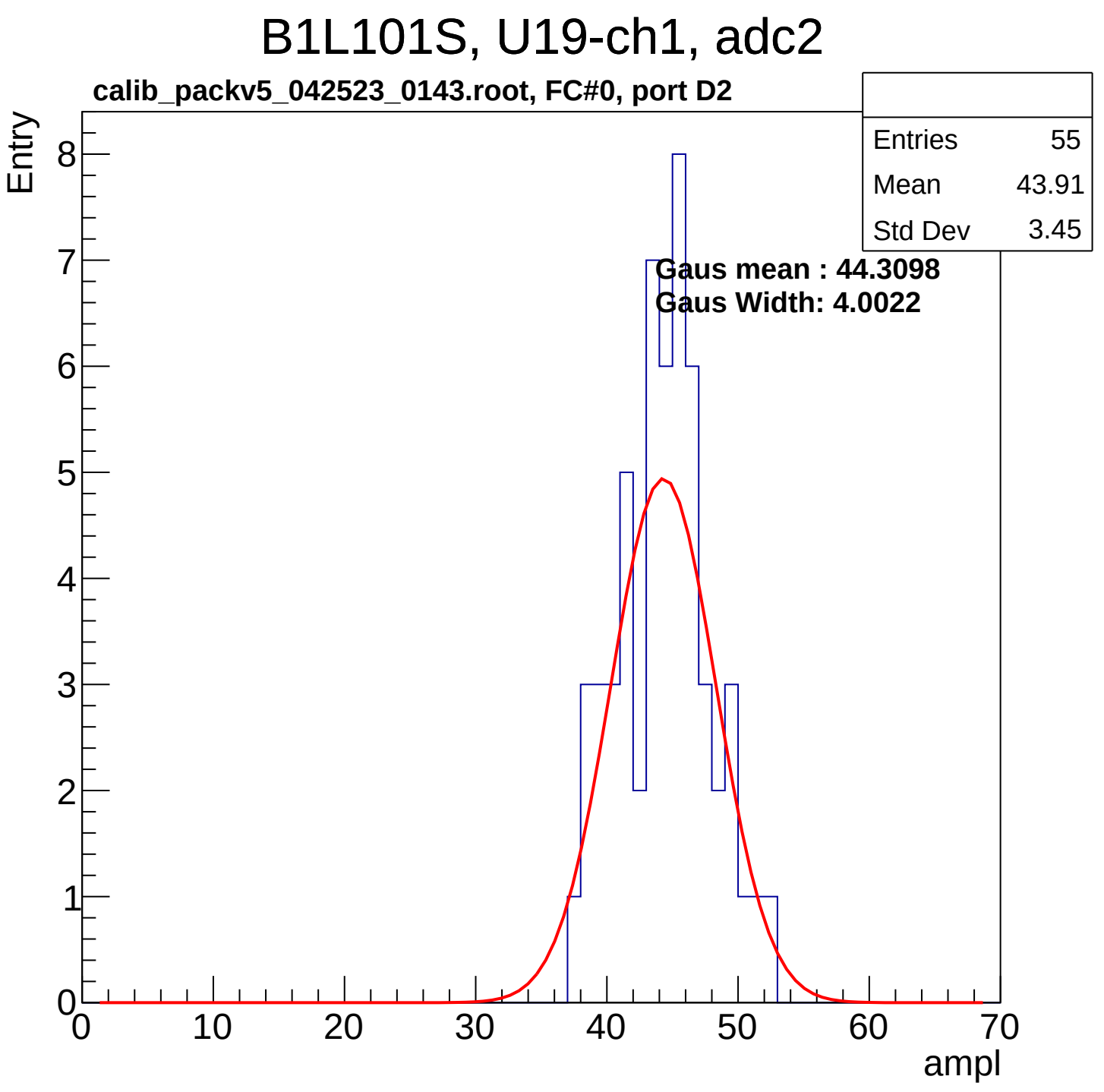
B1L101S, U19-ch1, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 43.91
Std Dev 3.45
Gaus mean : 44.3098
Gaus Width: 4.0022
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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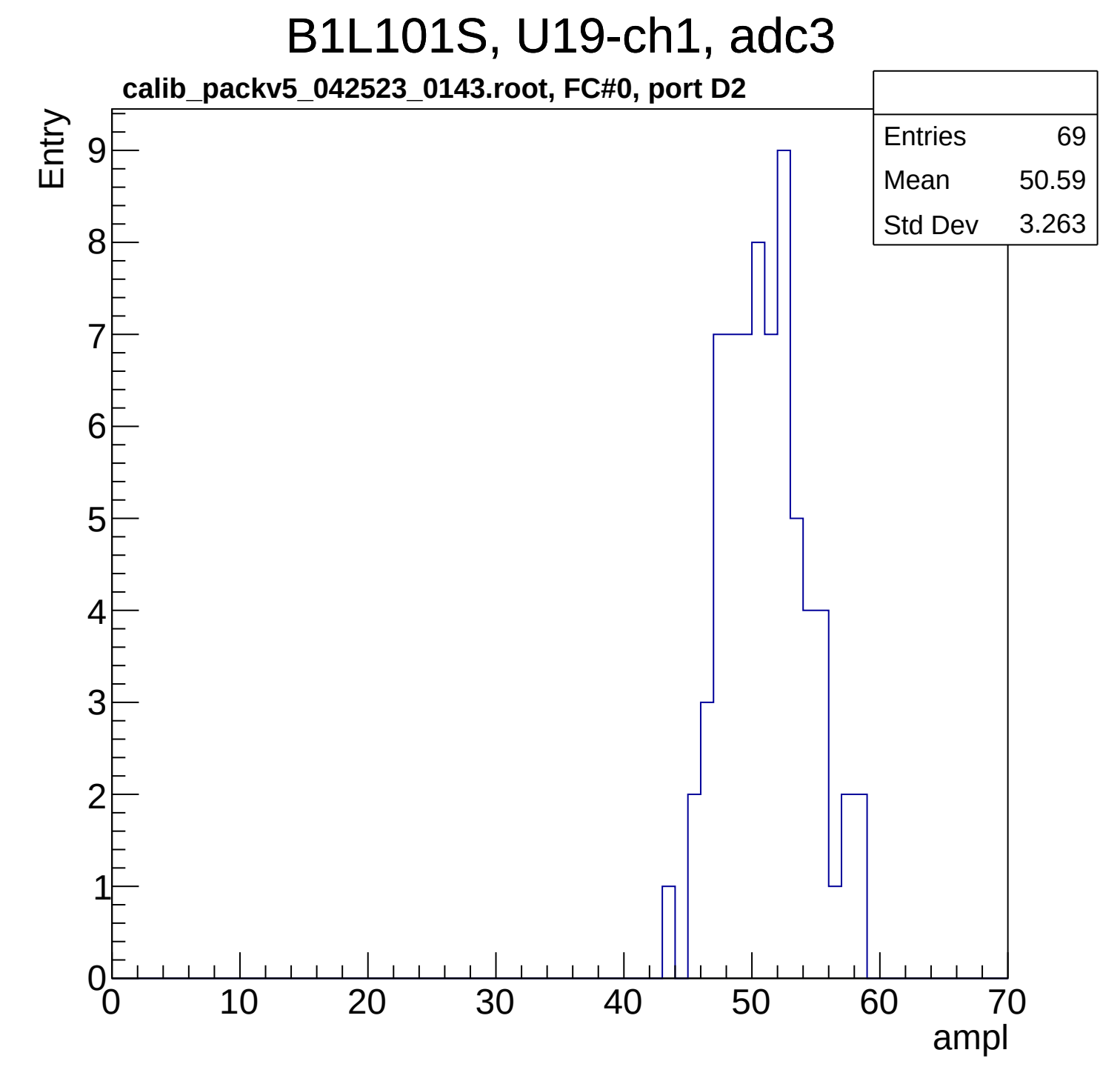
B1L101S, U19-ch1, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 50.59
Std Dev 3.263
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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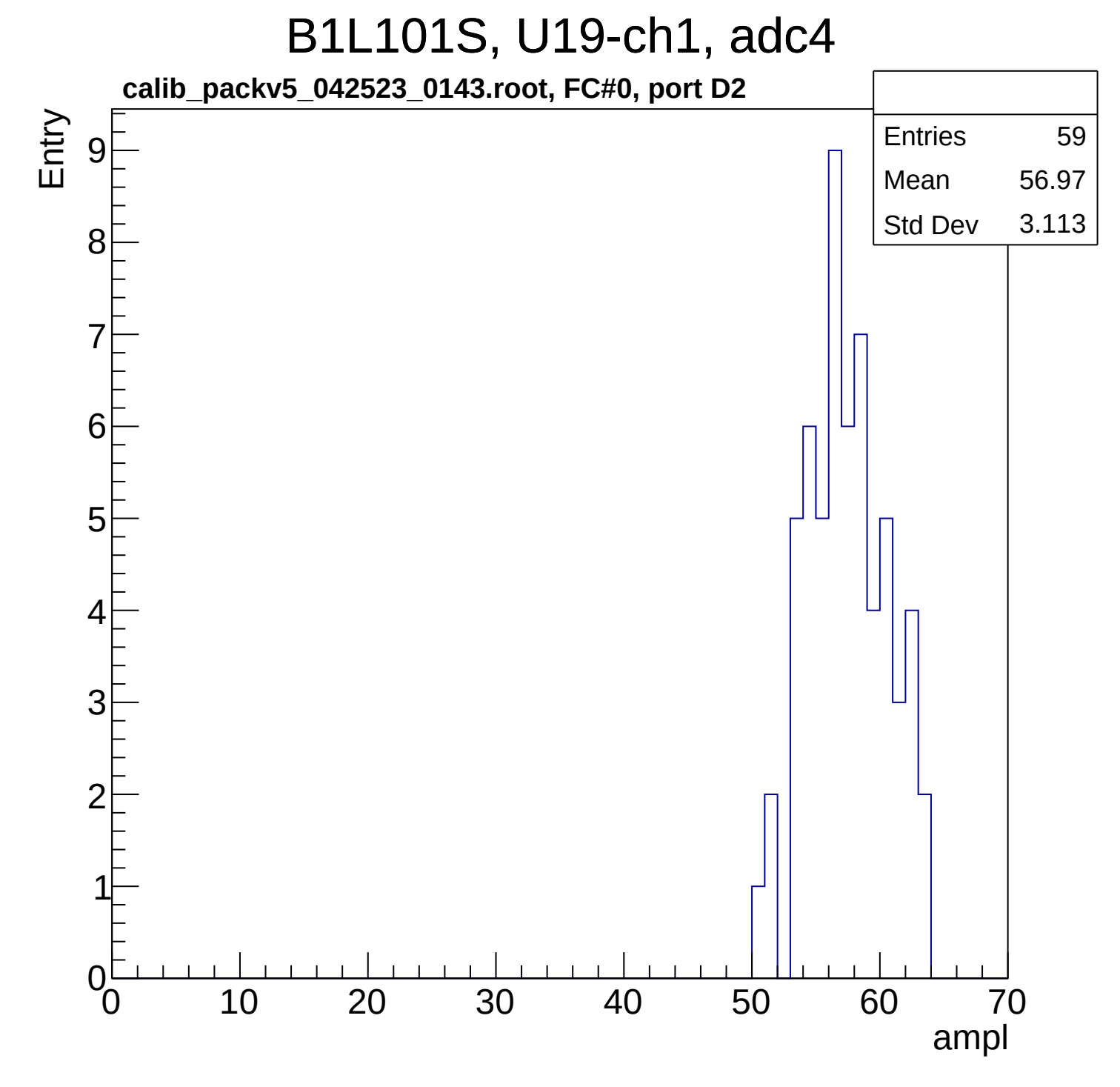
B1L101S, U19-ch1, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 56.97
Std Dev 3.113
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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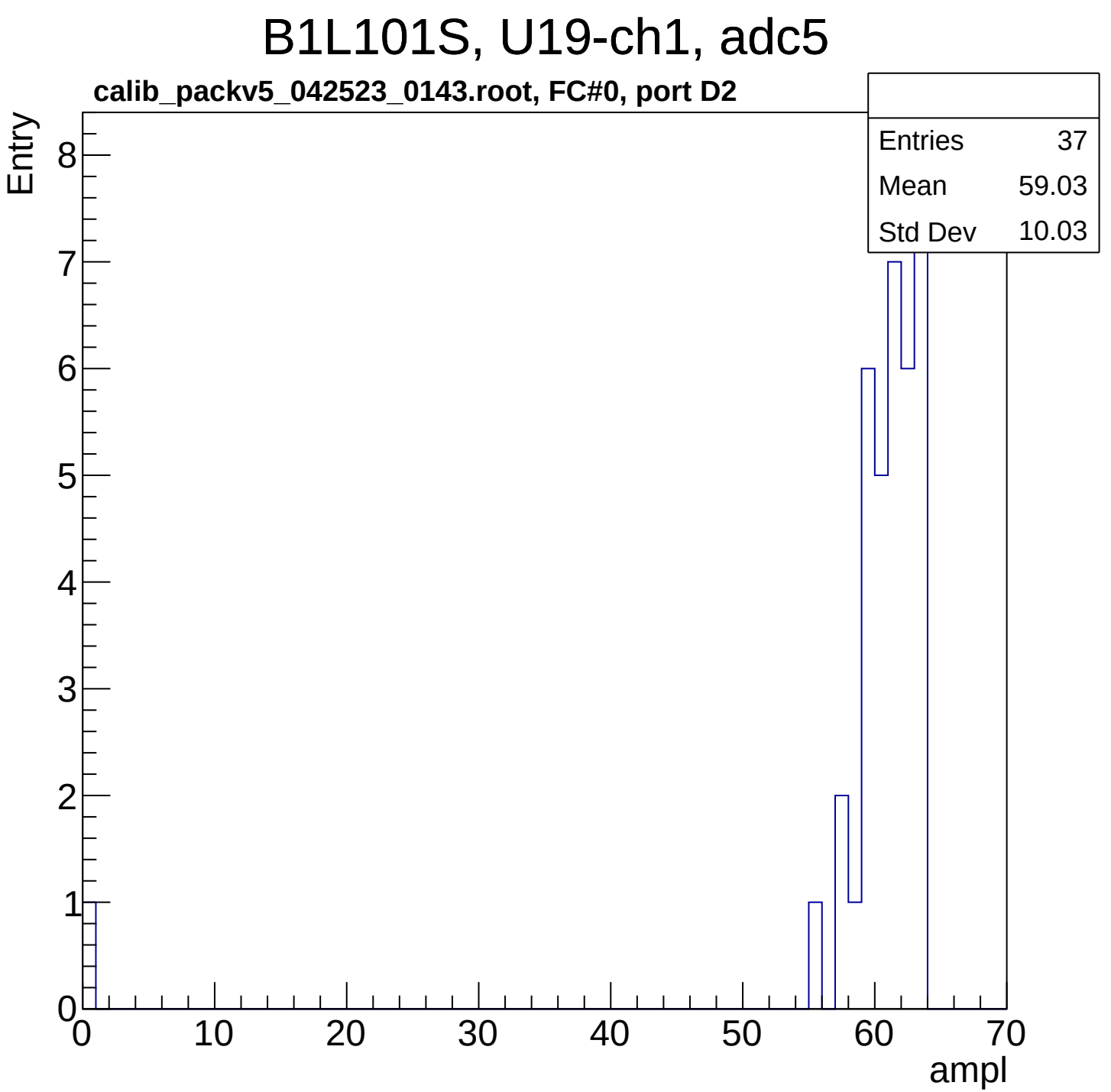
B1L101S, U19-ch1, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 59.03
Std Dev 10.03
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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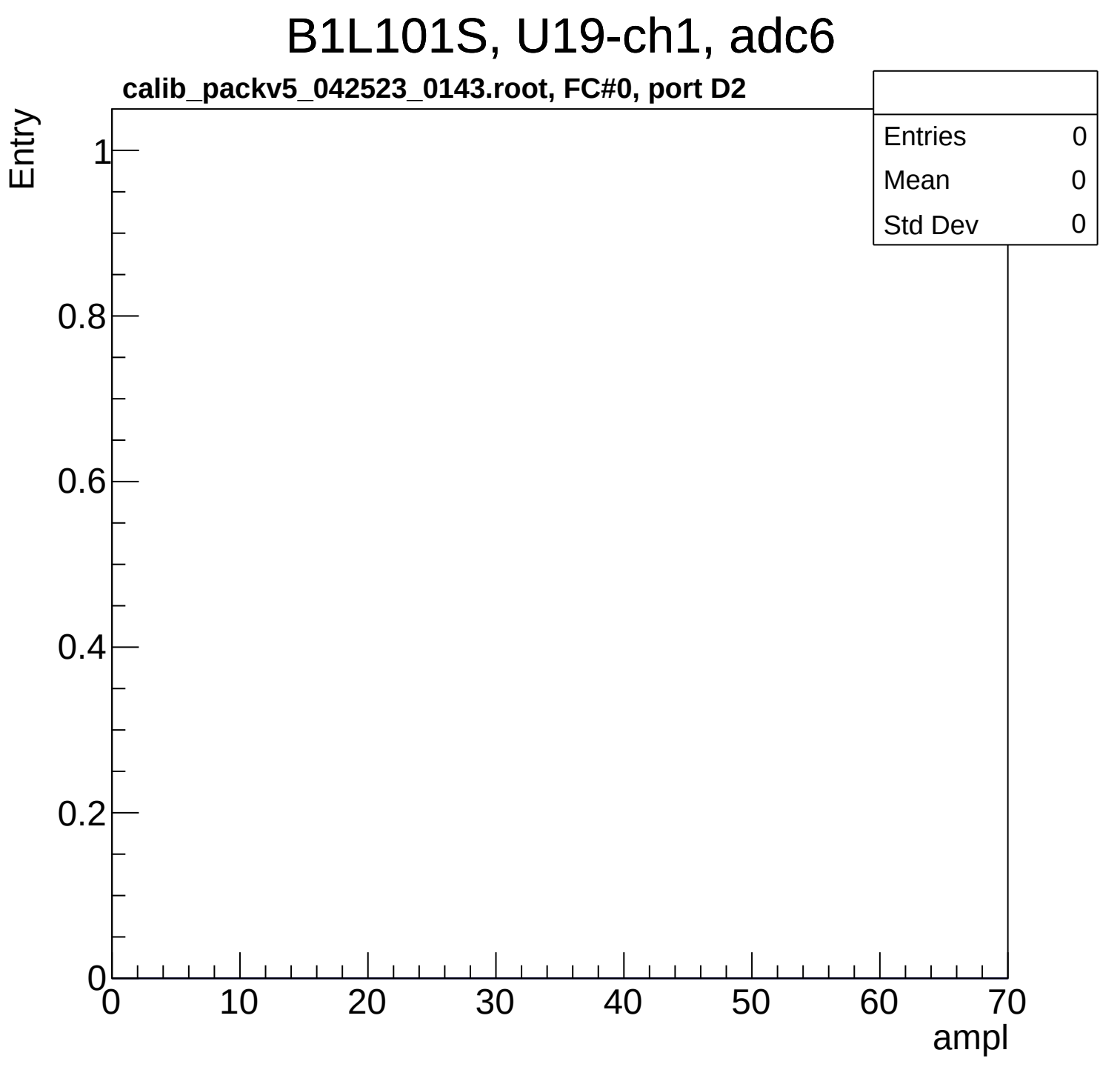
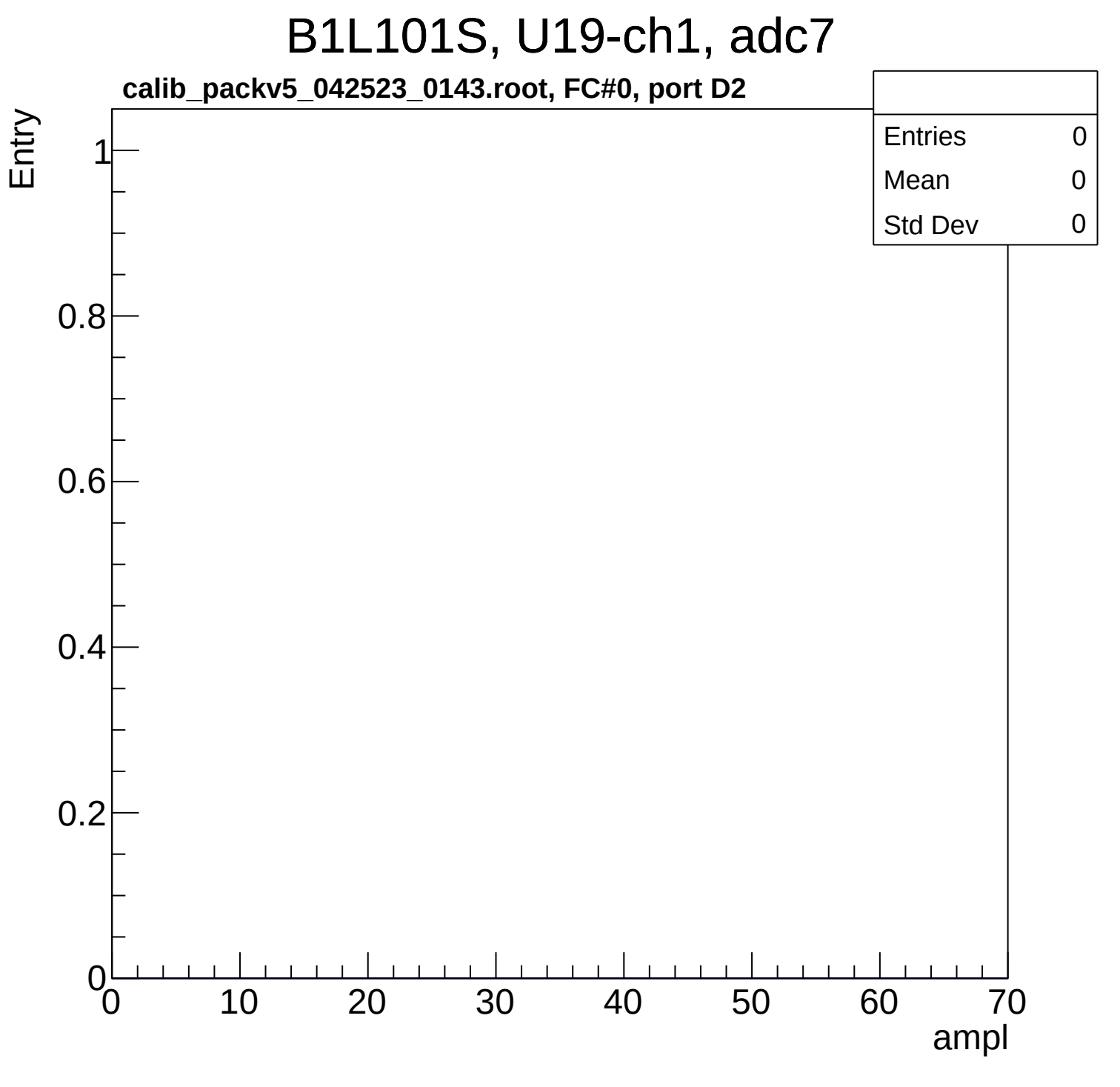

B1L101S, U19-ch1, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch1, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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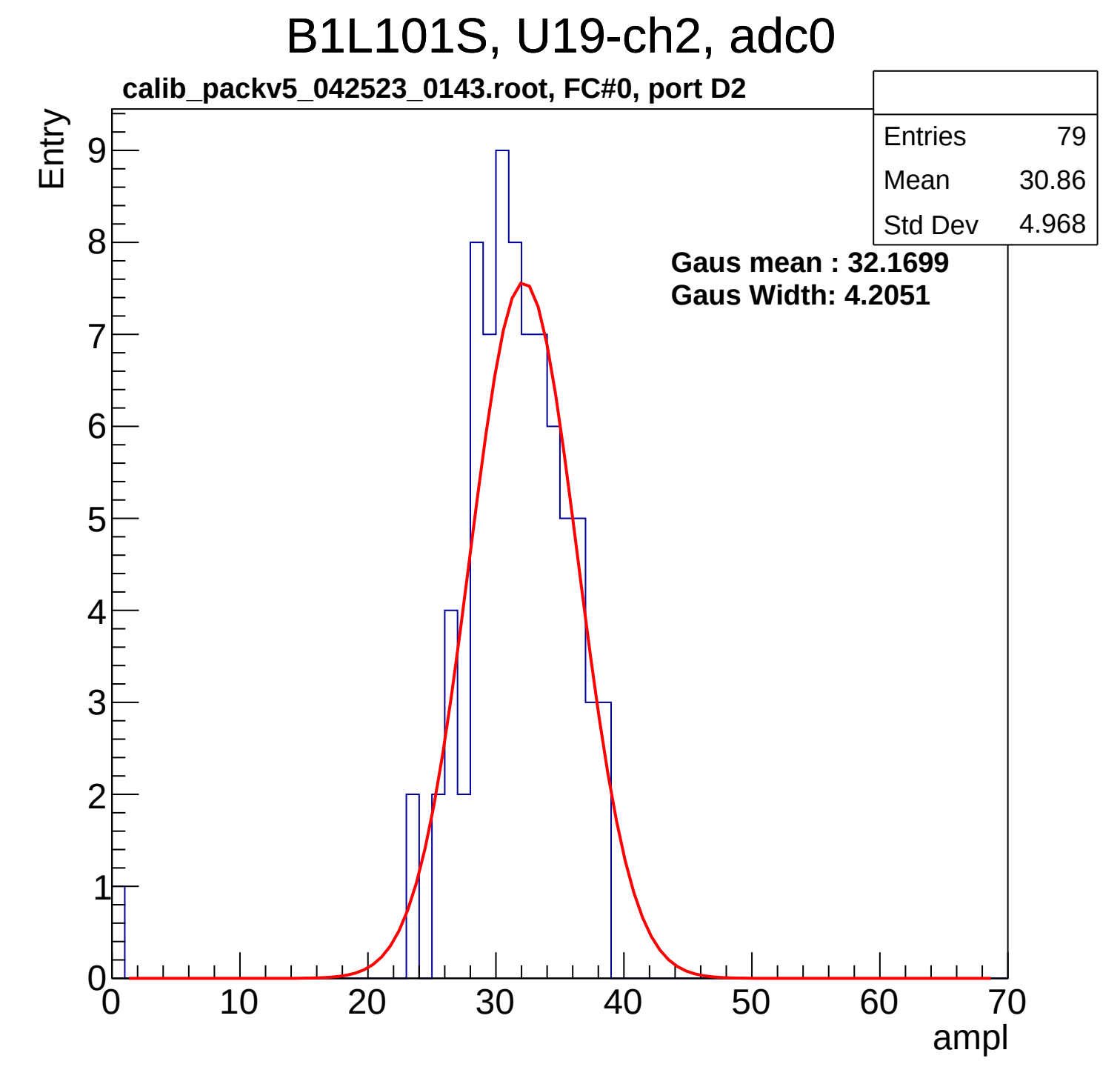
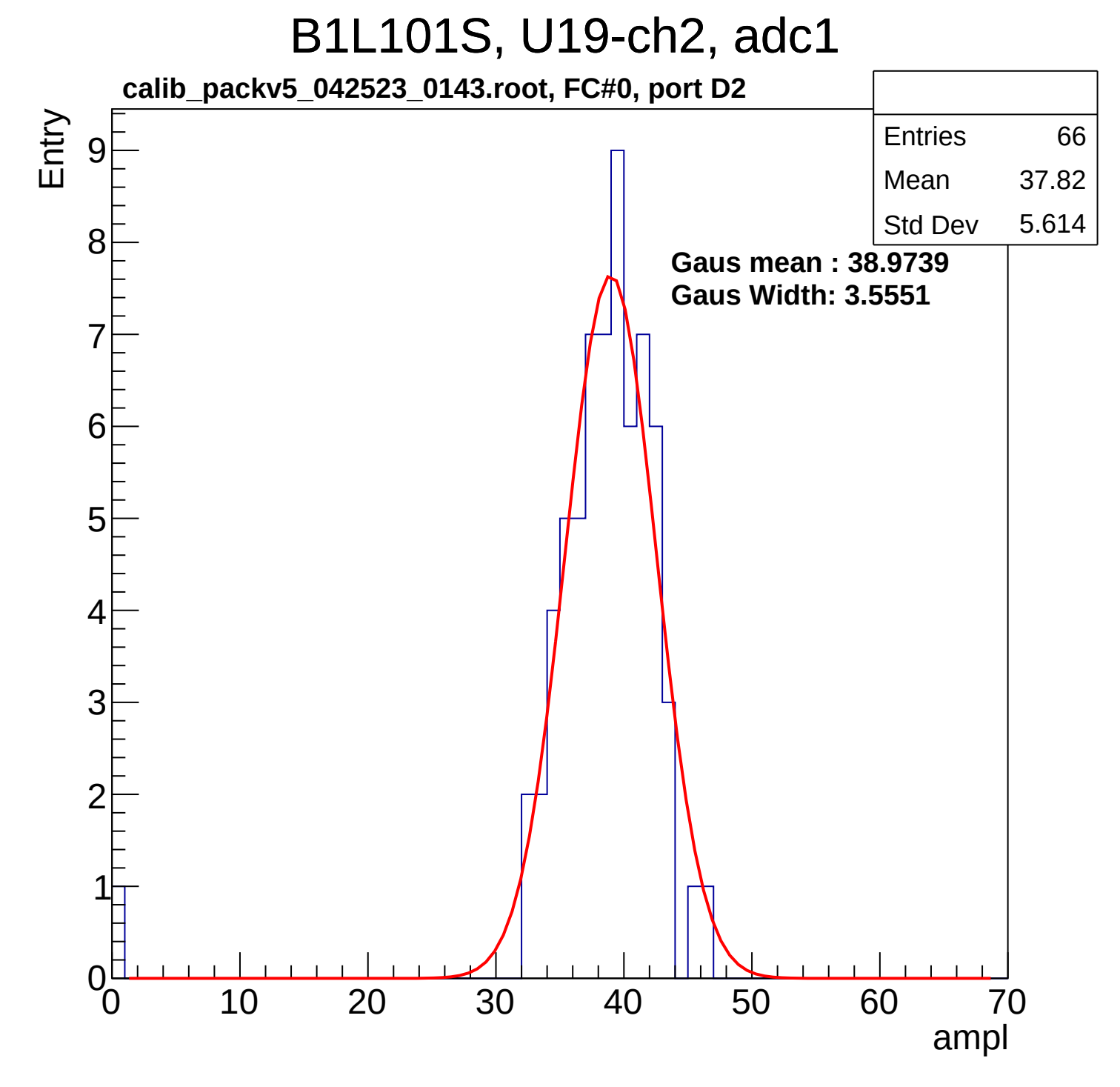
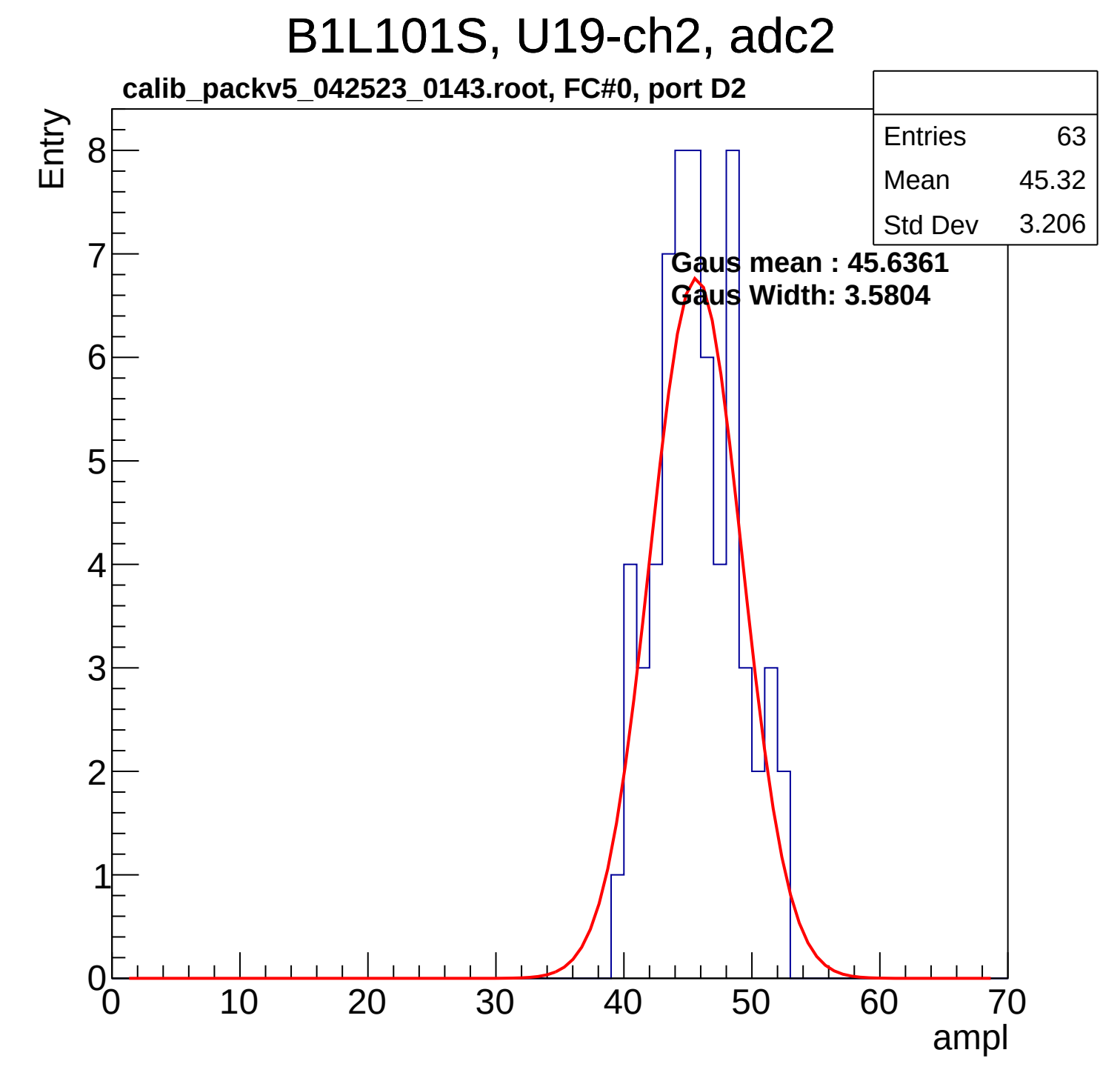
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch2, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 30.86
Std Dev 4.968
Gaus mean : 32.1699
Gaus Width: 4.2051
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch2, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 37.82
Std Dev 5.614
Gaus mean : 38.9739
Gaus Width: 3.5551
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch2, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 45.32
Std Dev 3.206
Gaus mean : 45.6361
Gaus Width: 3.5804
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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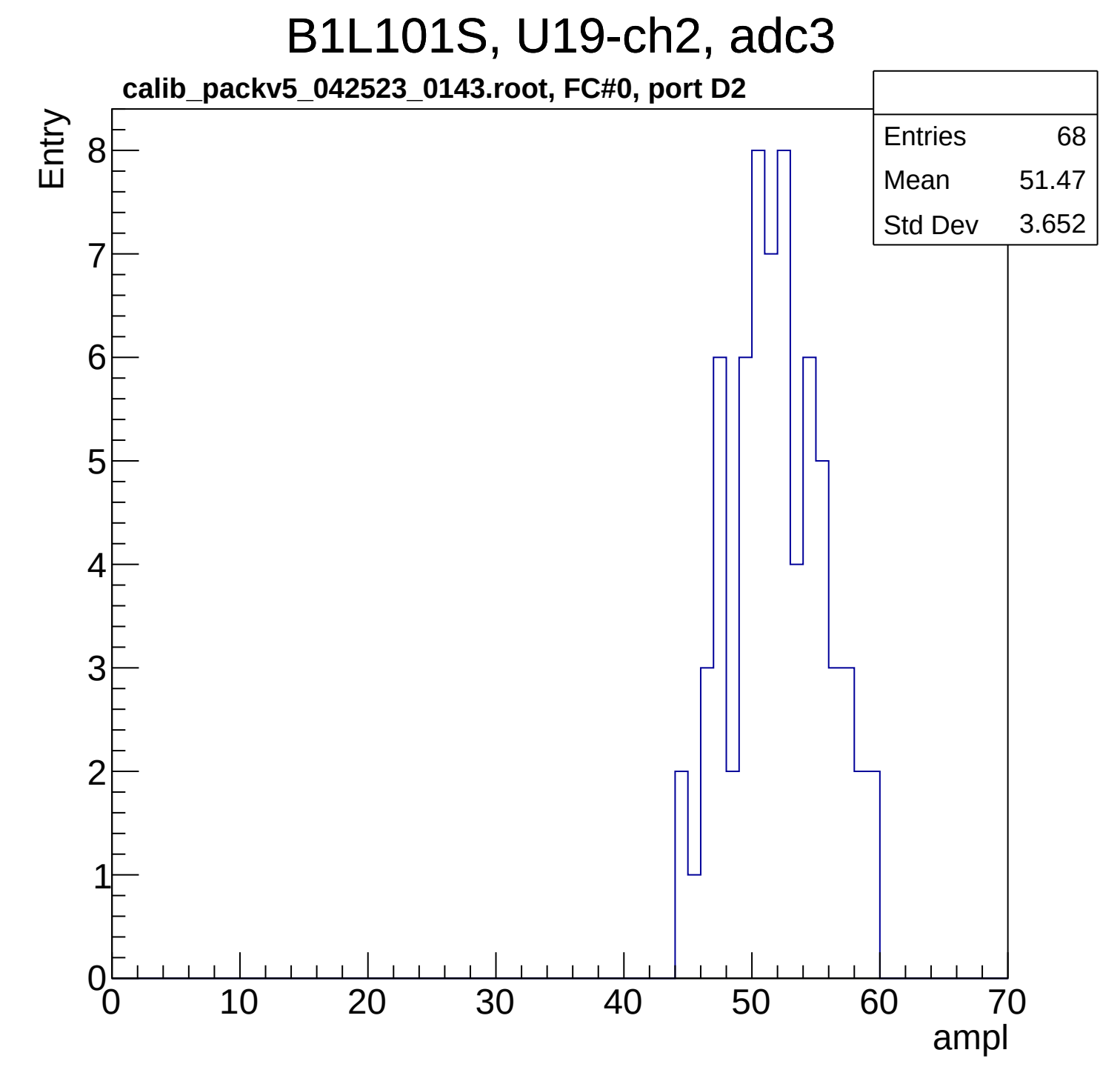
B1L101S, U19-ch2, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 51.47
Std Dev 3.652
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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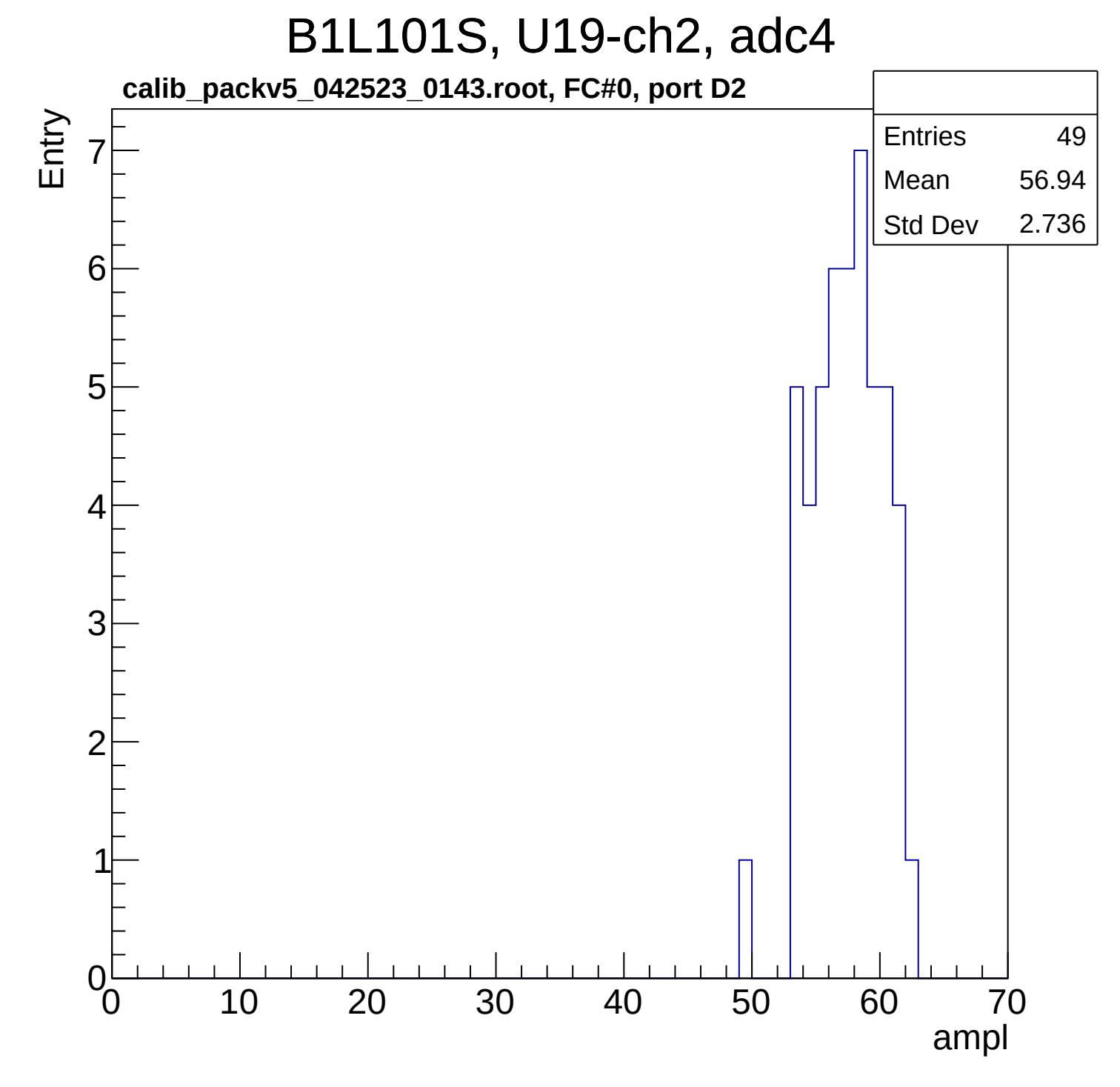
B1L101S, U19-ch2, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 56.94
Std Dev 2.736
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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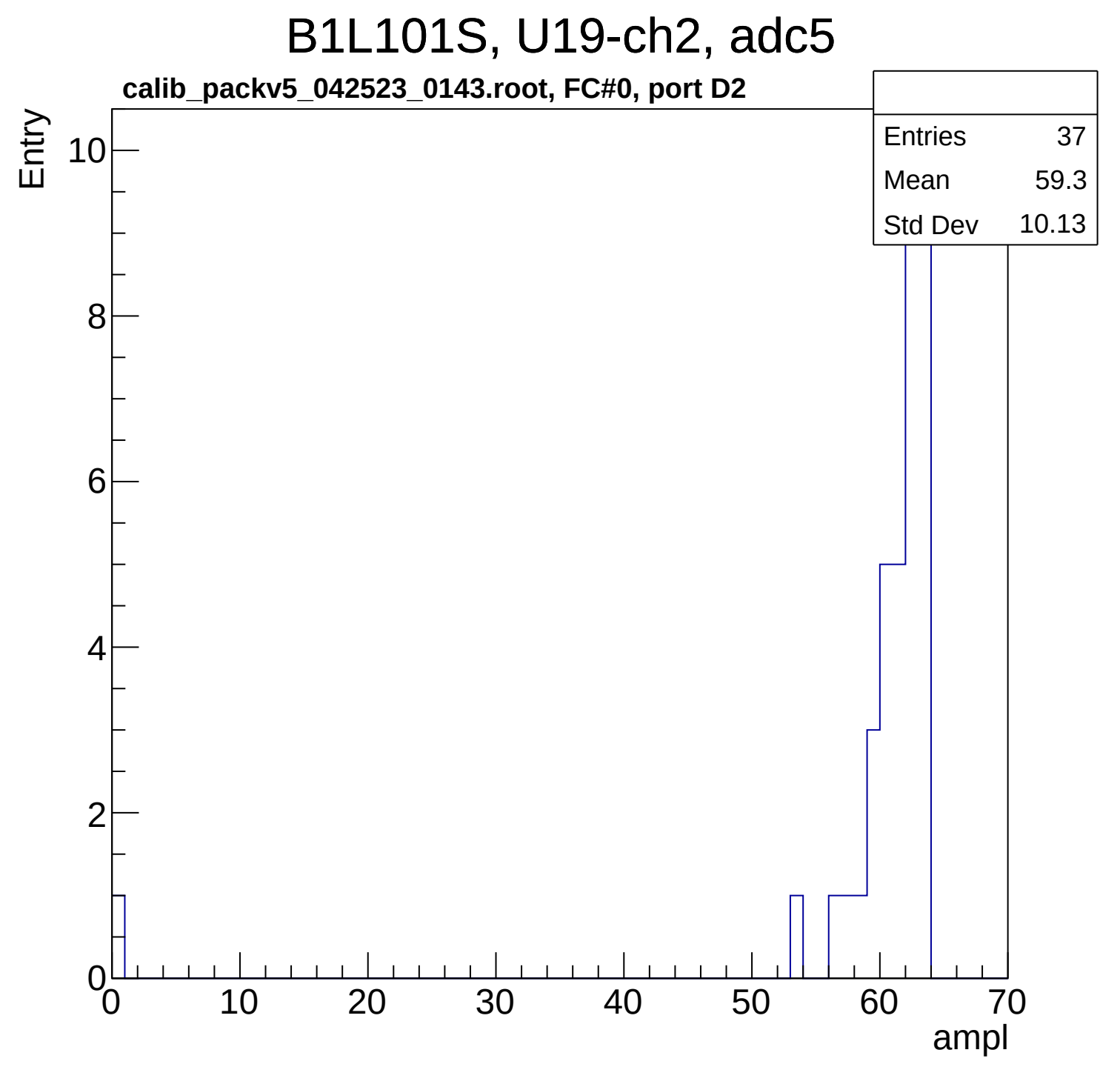
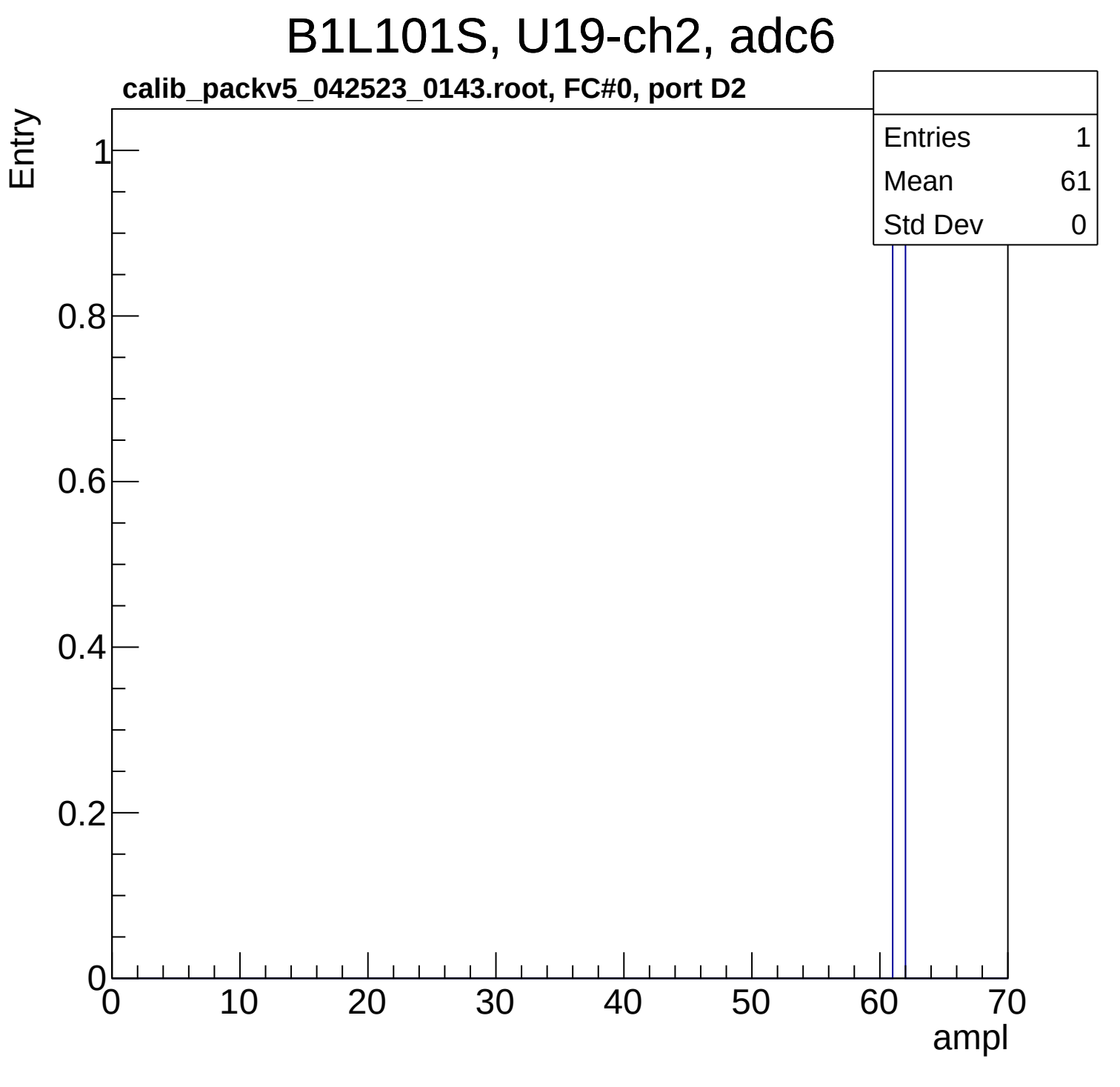

B1L101S, U19-ch2, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 59.3
Std Dev 10.13
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch2, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 61
Std Dev 0
Entry
1
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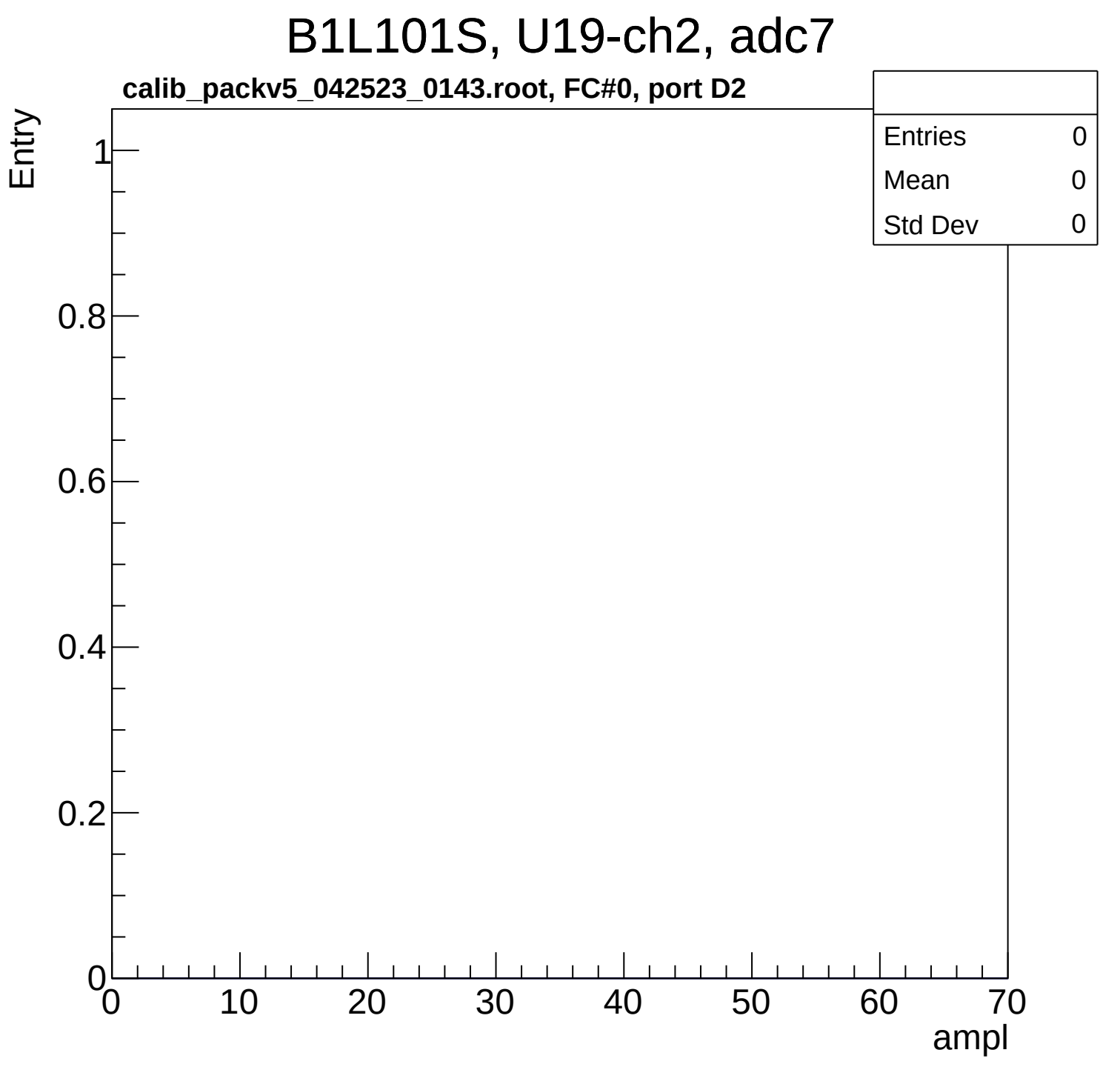
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch2, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
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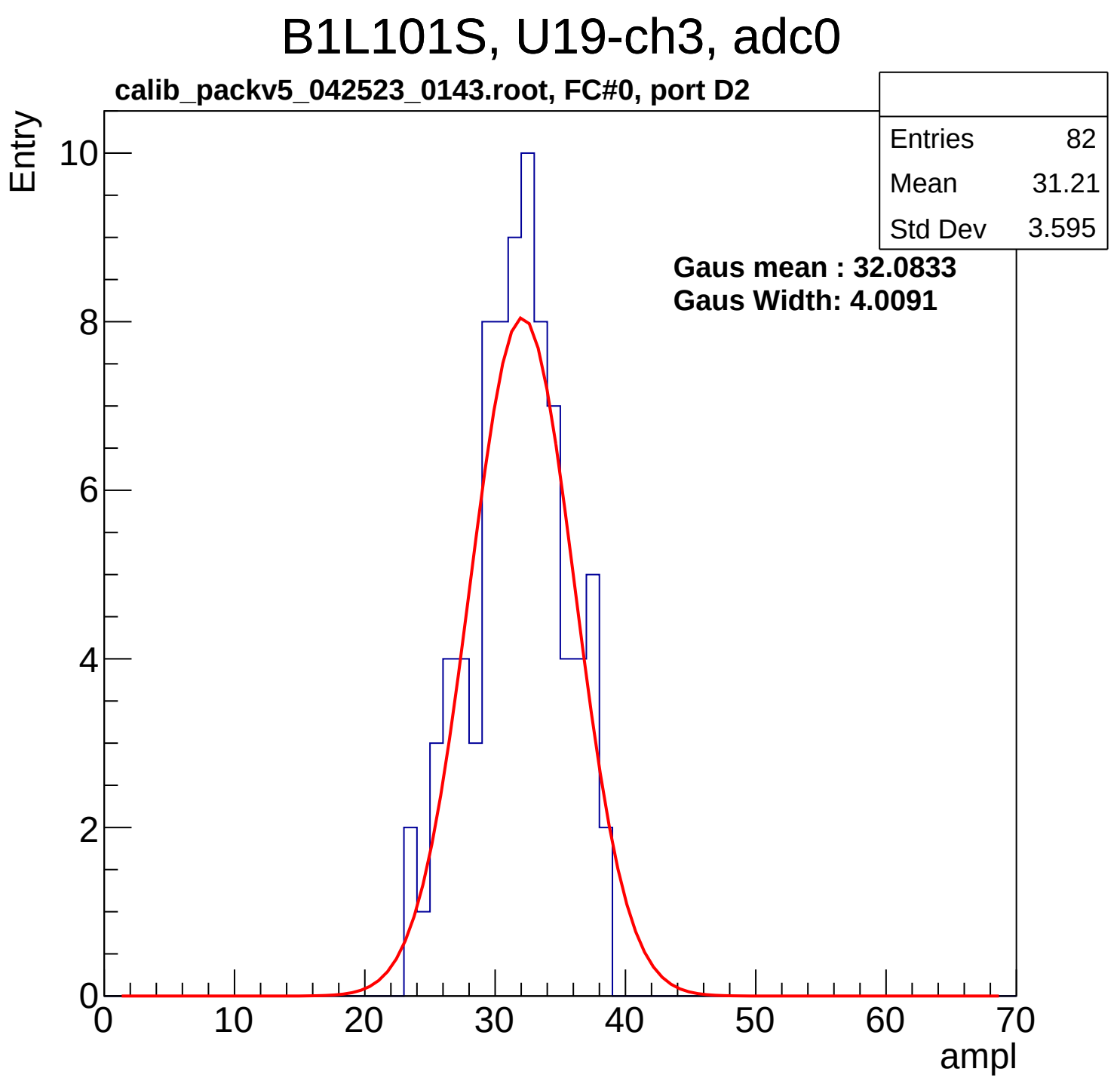
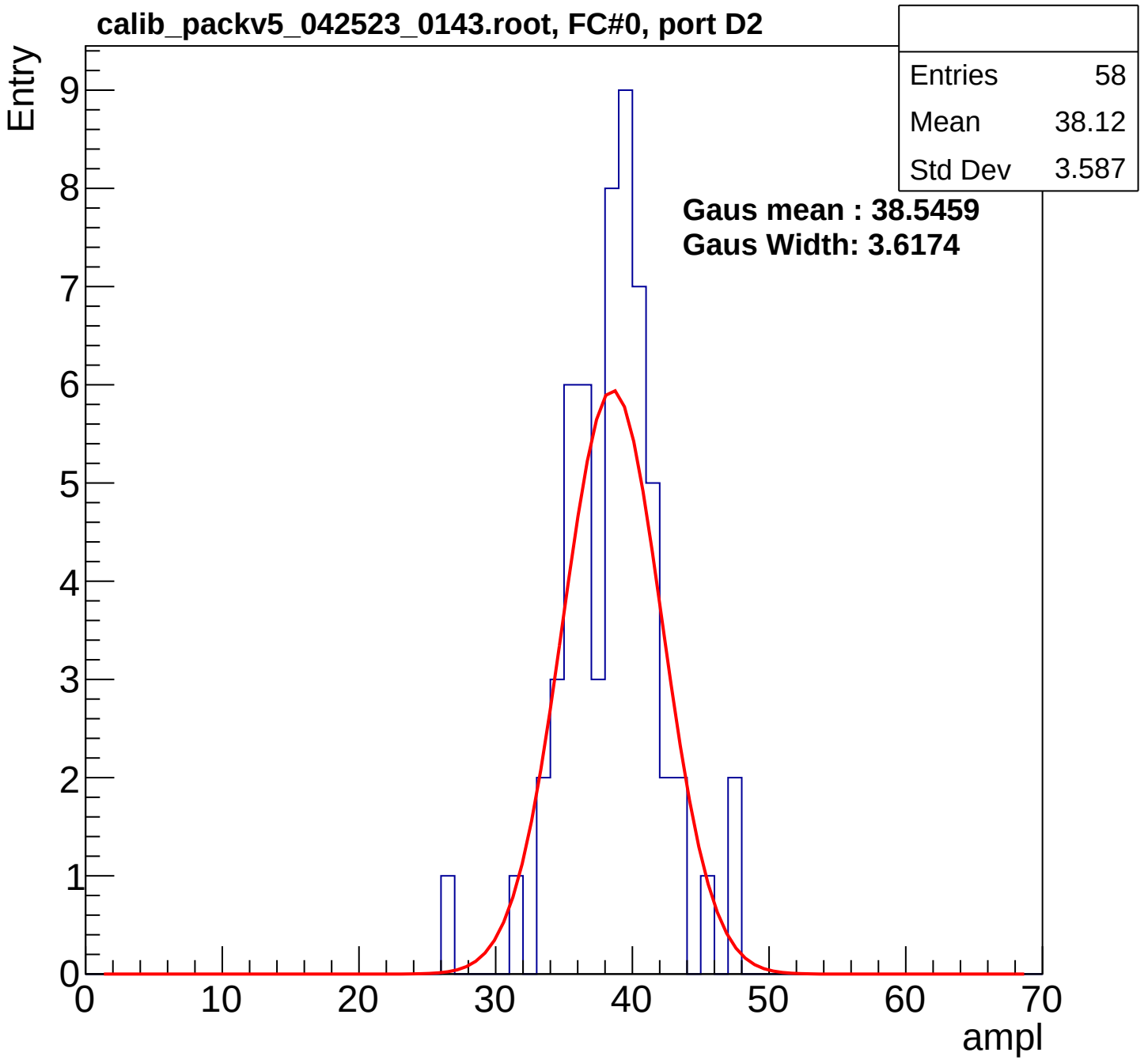
50
60
70
ampl


B1L101S, U19-ch3, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 31.21
Std Dev 3.595
Gaus mean : 32.0833
Gaus Width: 4.0091
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch3, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 38.12
Std Dev 3.587
Gaus mean : 38.5459
Gaus Width: 3.6174
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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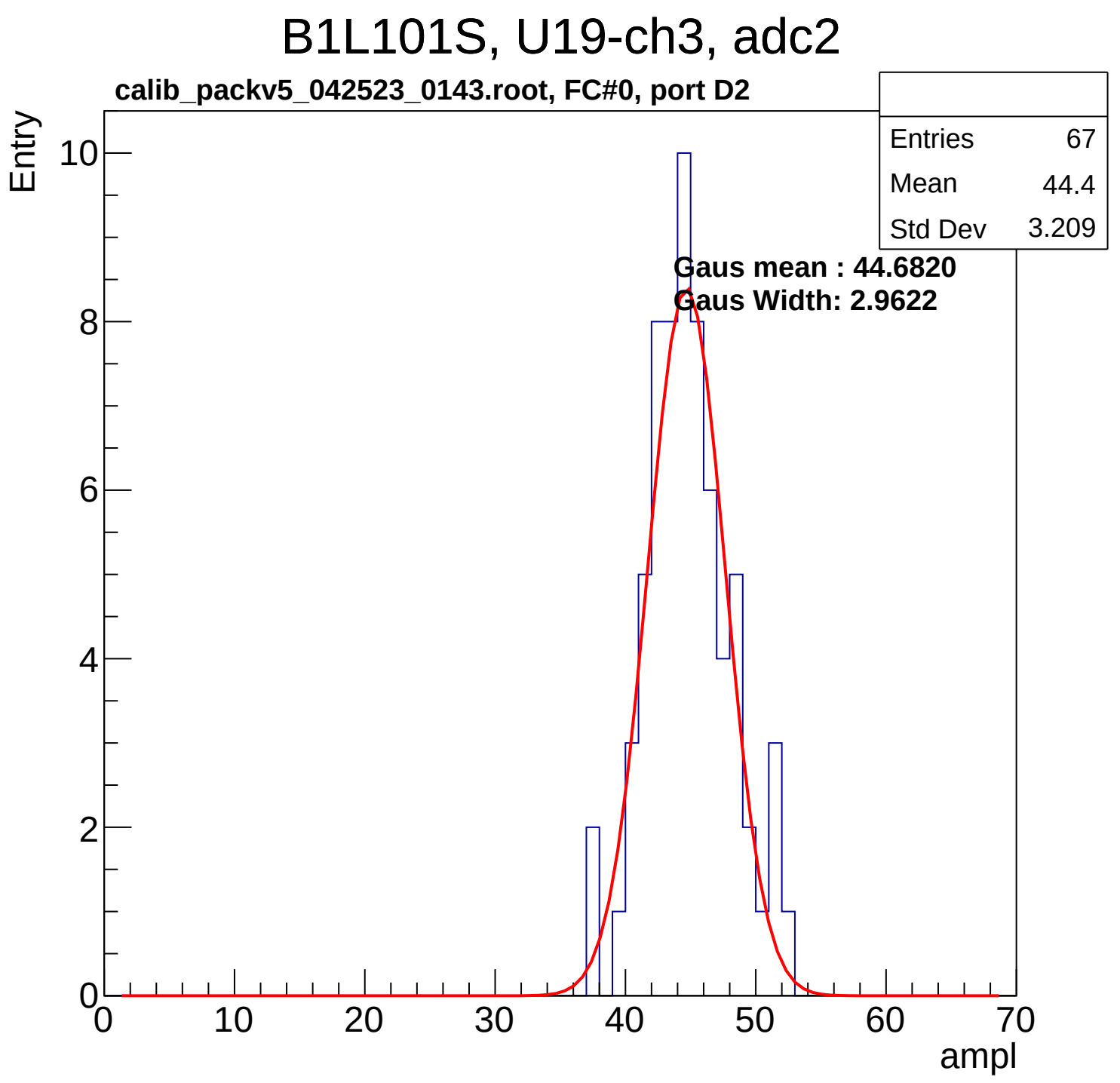
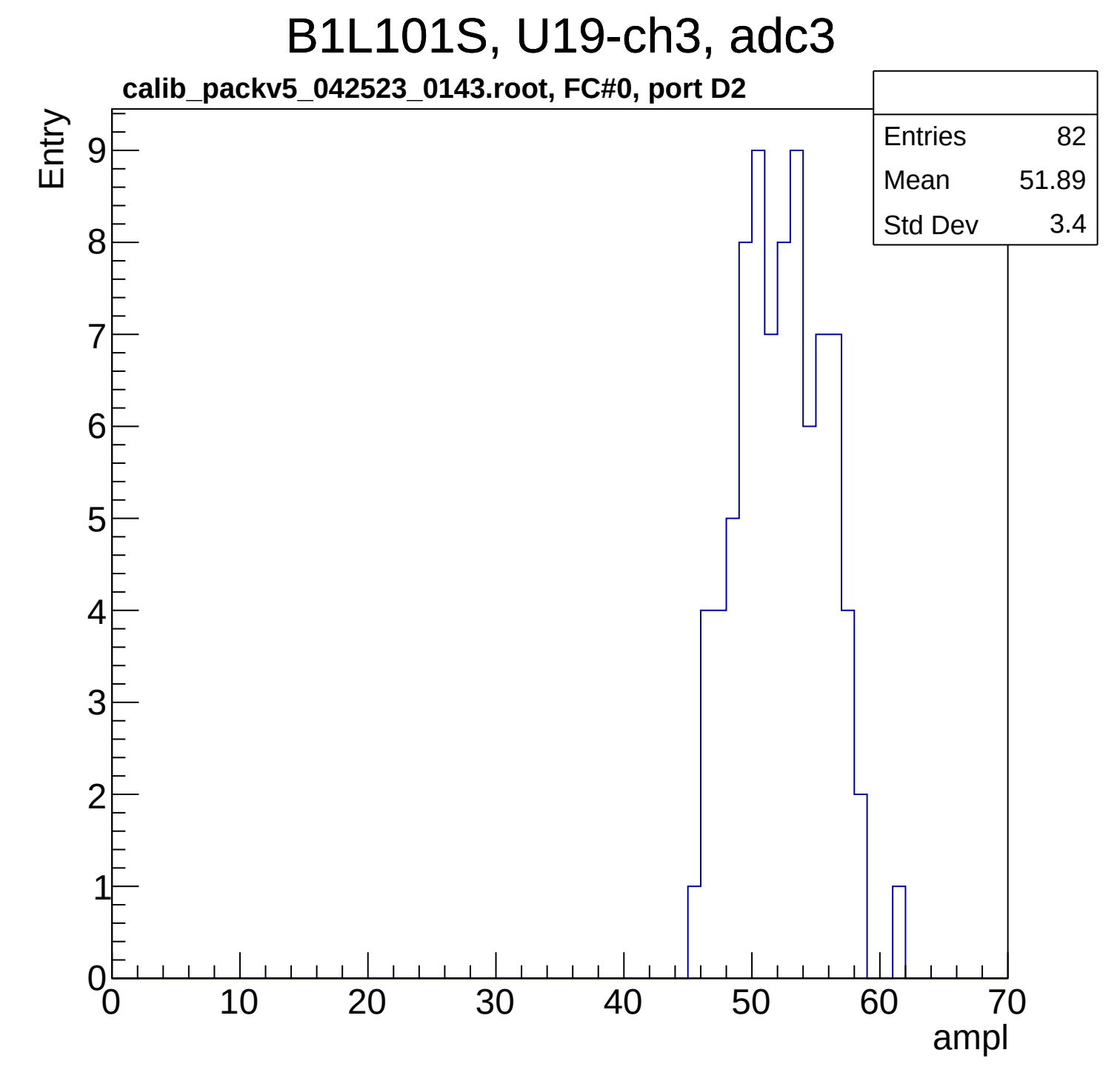

B1L101S, U19-ch3, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 44.4
Std Dev 3.209
Gaus mean : 44.6820
Gaus Width: 2.9622
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch3, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 51.89
Std Dev 3.4
Entry
ampl
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2
3
4
5
6
7
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0
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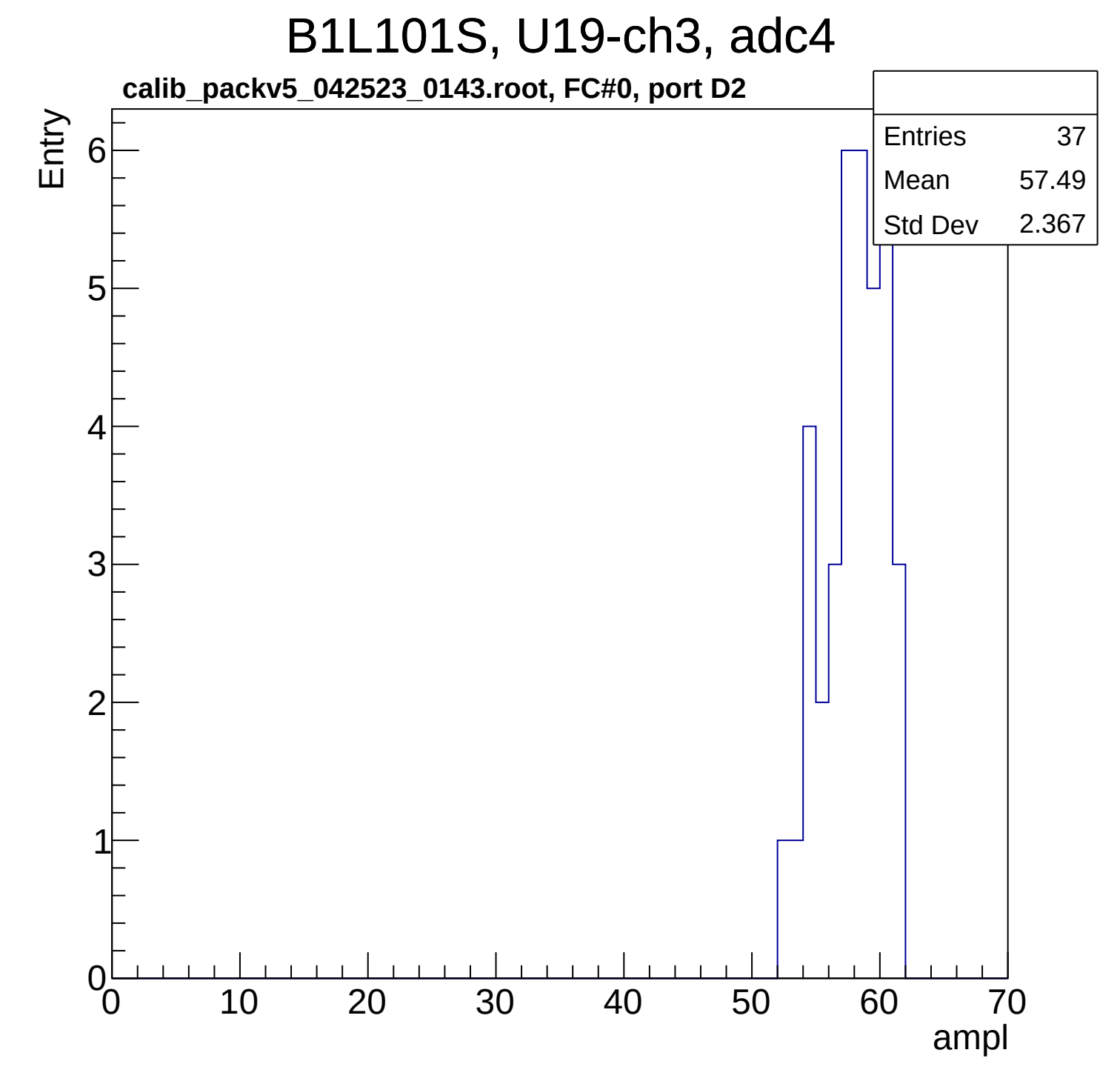
B1L101S, U19-ch3, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 57.49
Std Dev 2.367
Entry
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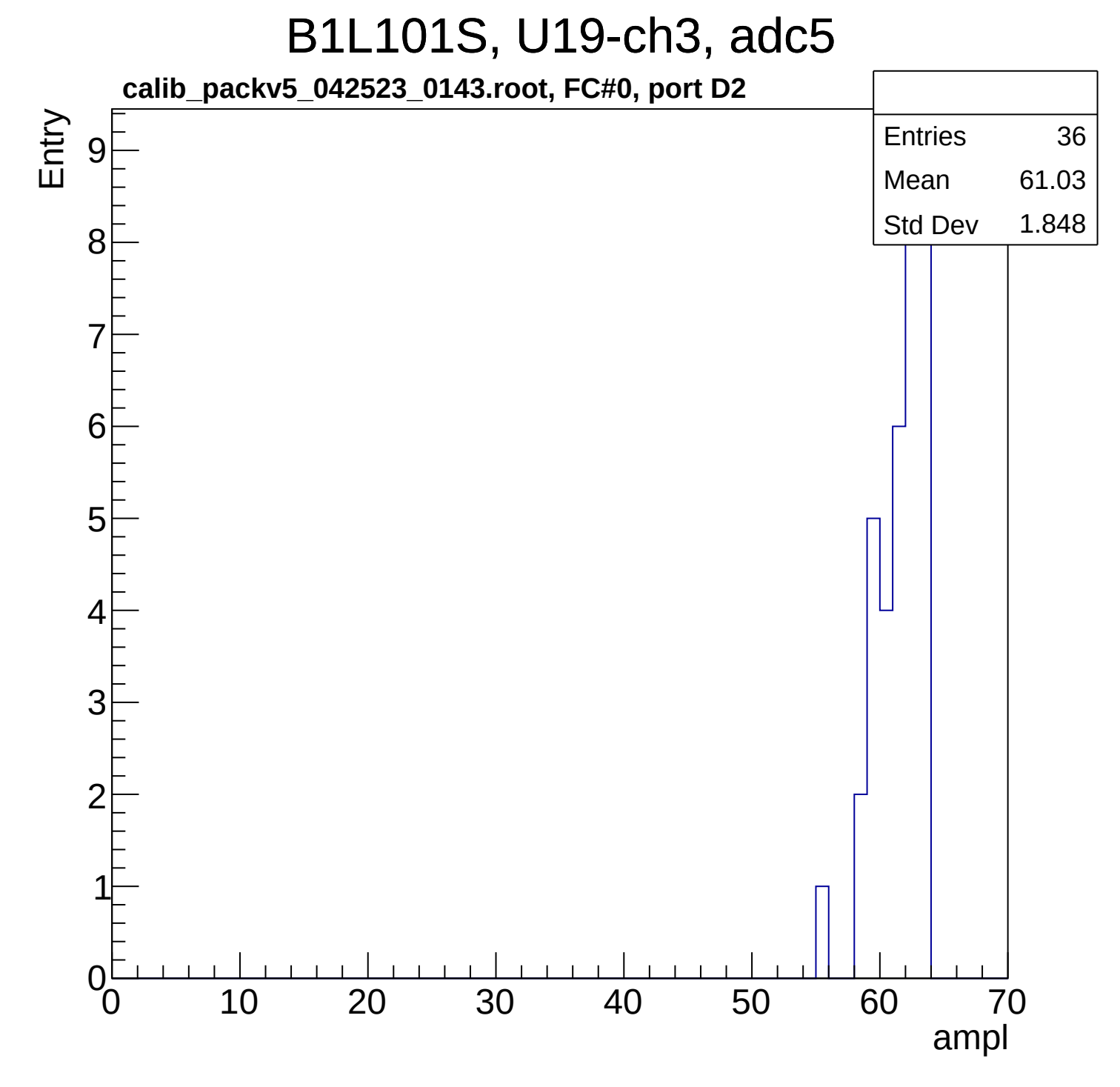
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch3, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 61.03
Std Dev 1.848
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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40
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60
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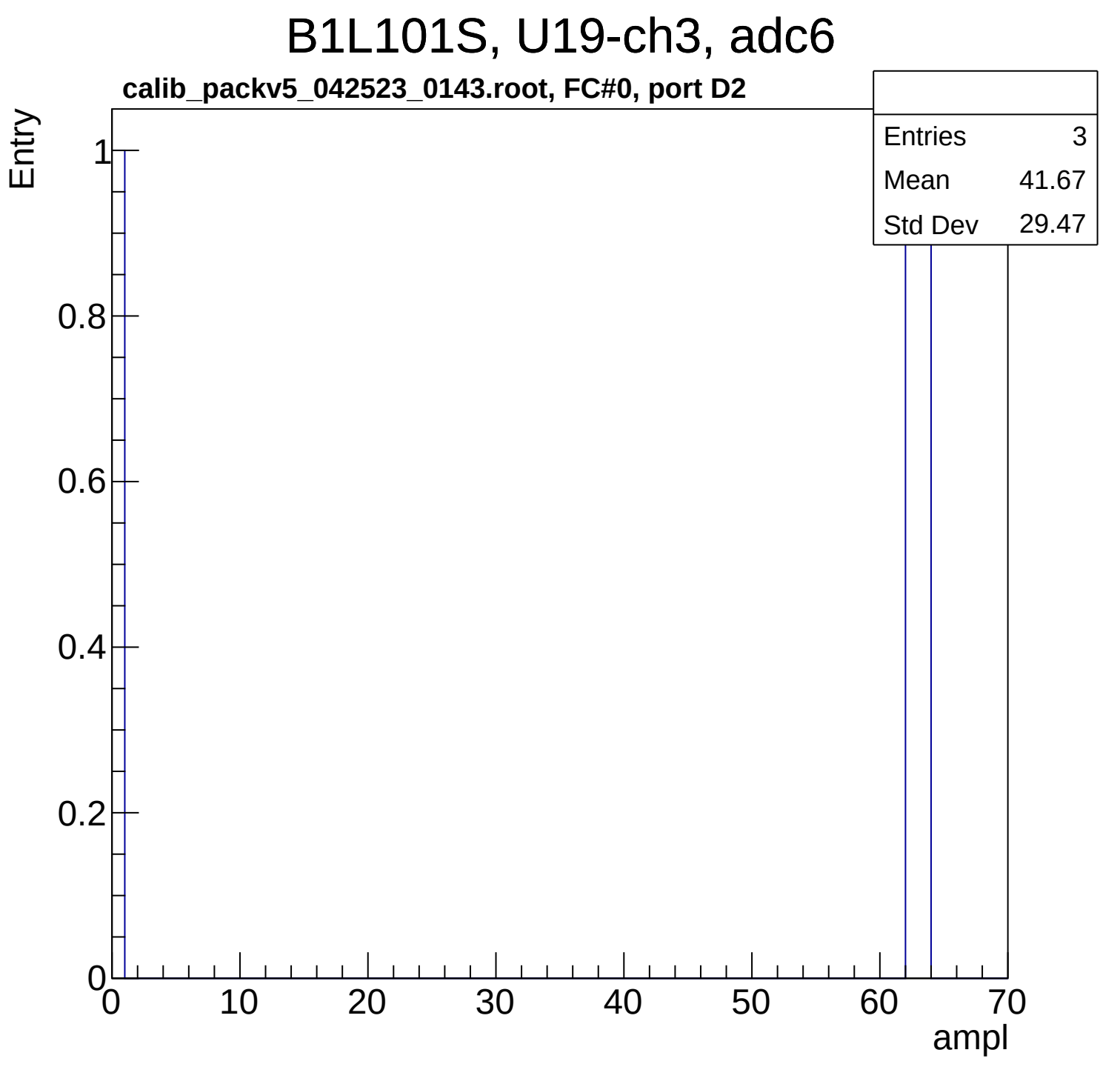
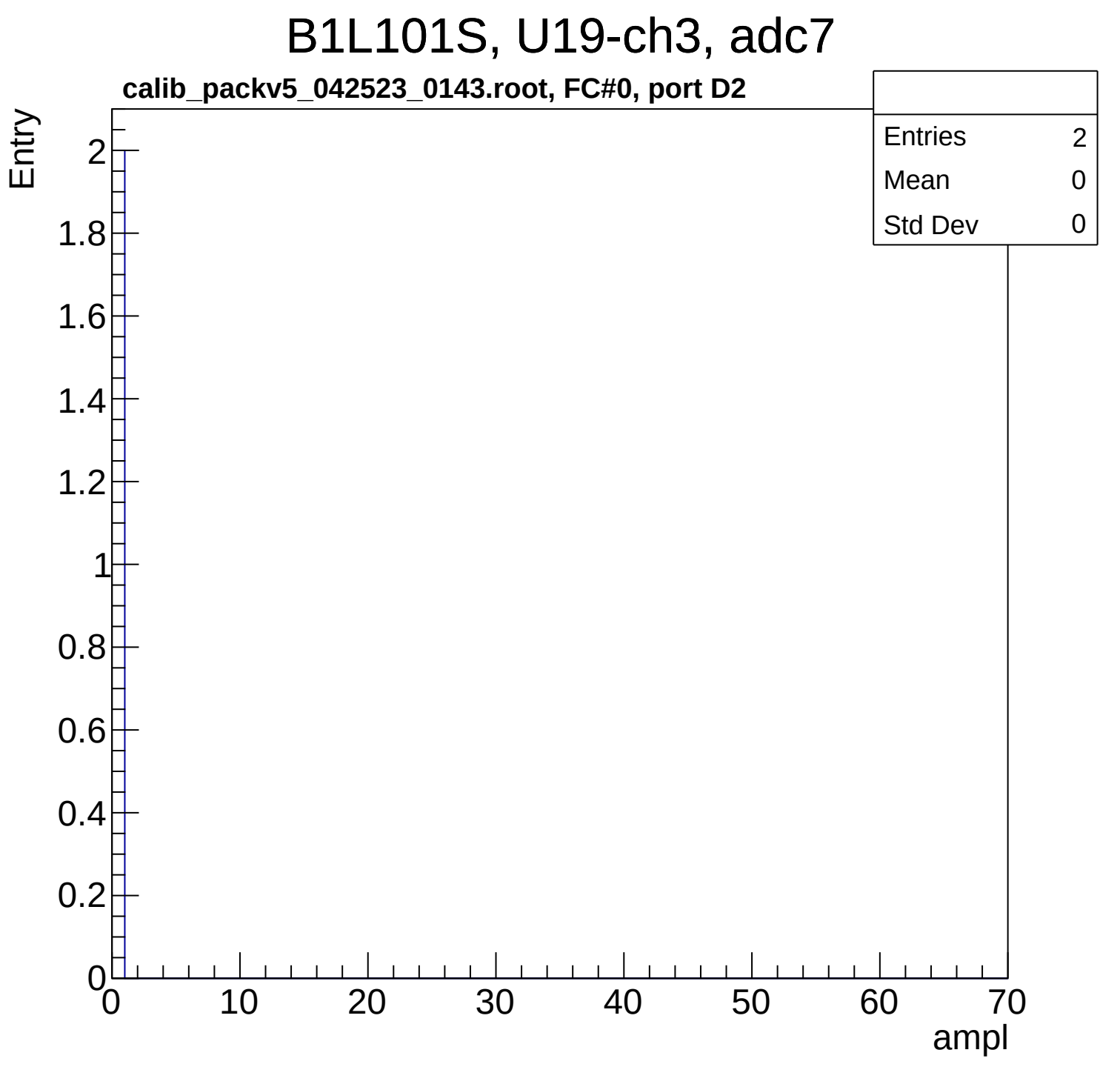

B1L101S, U19-ch3, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 41.67
Std Dev 29.47
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch3, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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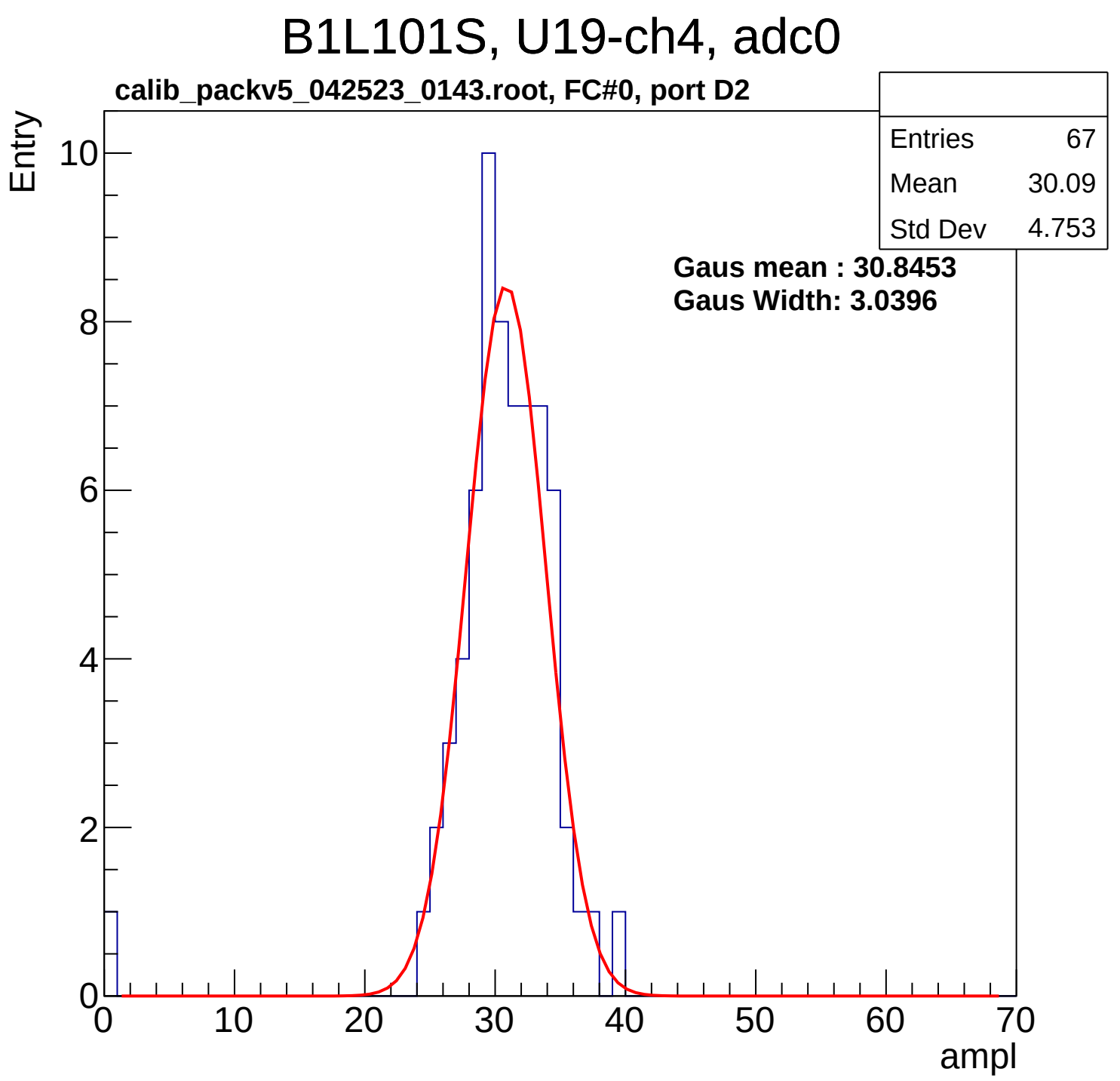
B1L101S, U19-ch4, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 30.09
Std Dev 4.753
Gaus mean : 30.8453
Gaus Width: 3.0396
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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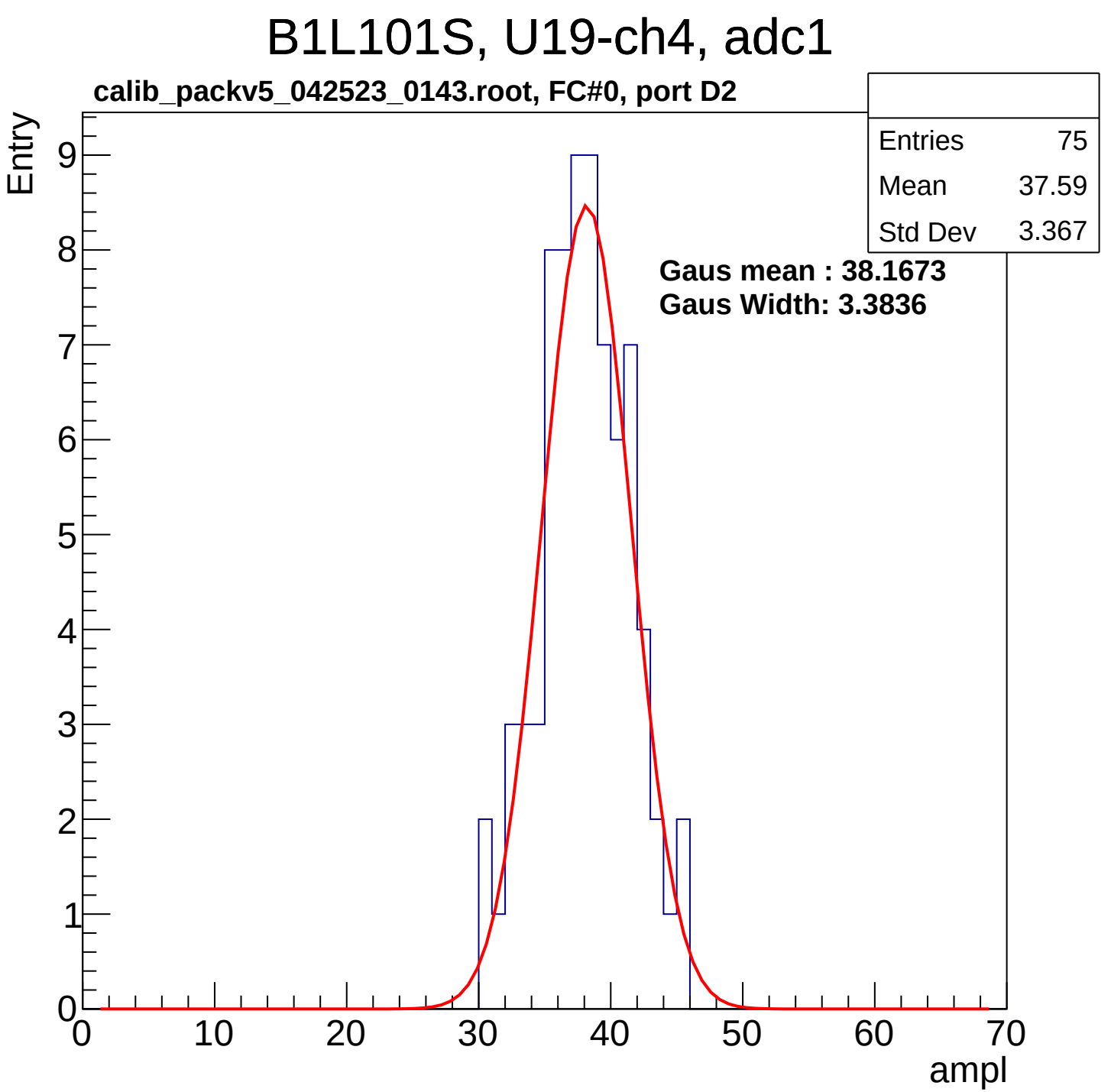
B1L101S, U19-ch4, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 37.59
Std Dev 3.367
Gaus mean : 38.1673
Gaus Width: 3.3836
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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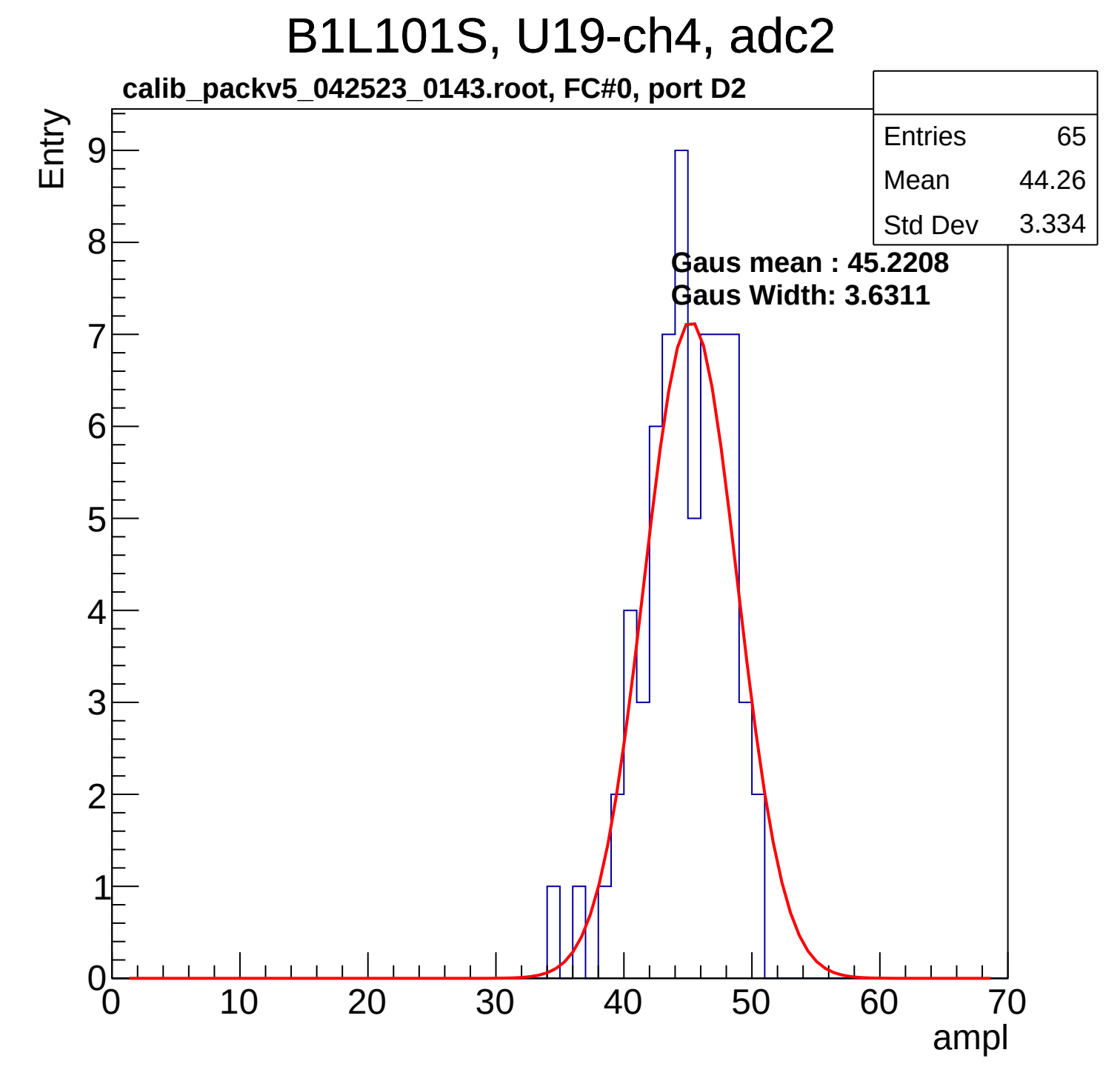
B1L101S, U19-ch4, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 44.26
Std Dev 3.334
Gaus mean : 45.2208
Gaus Width: 3.6311
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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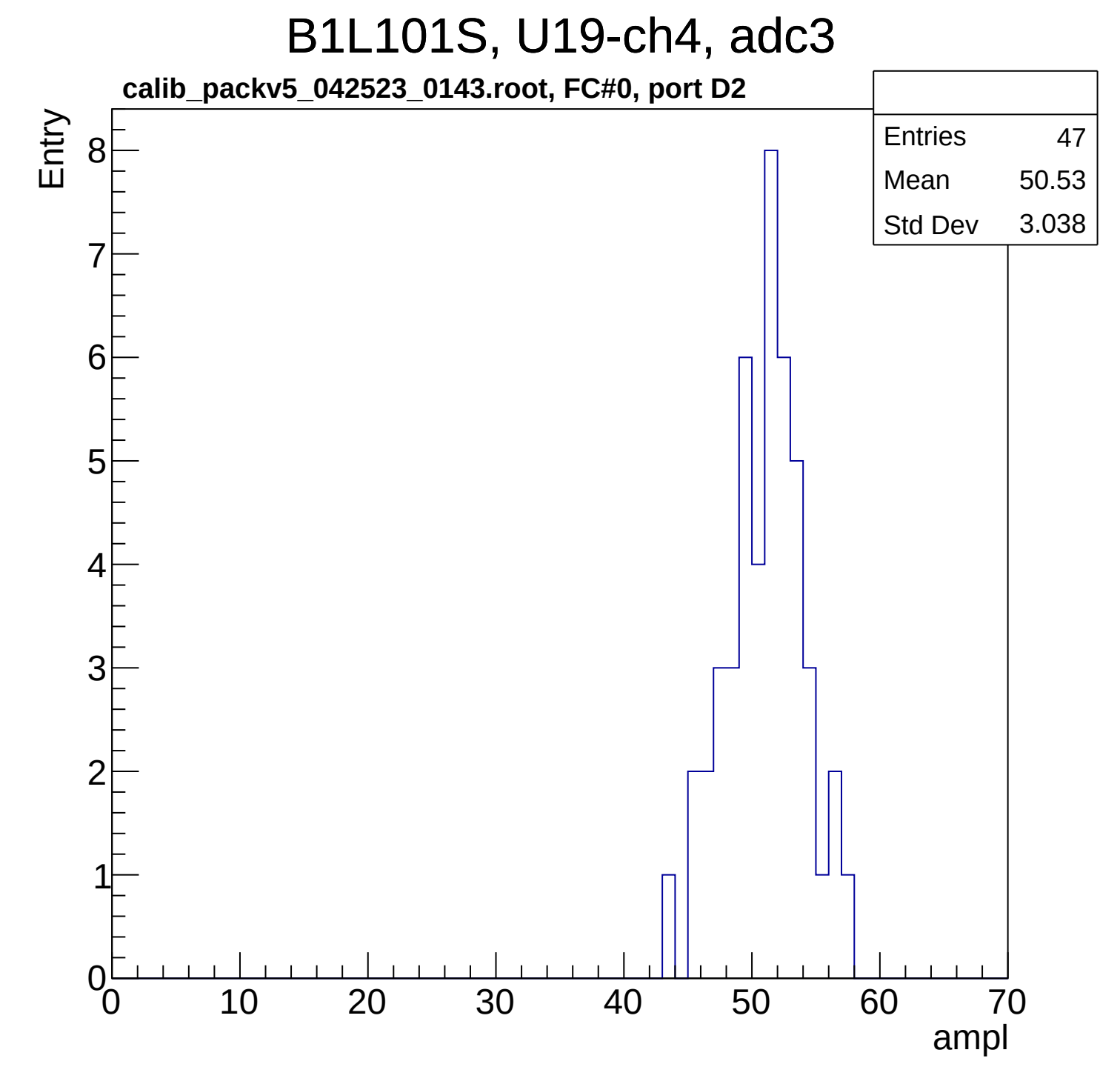
B1L101S, U19-ch4, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 50.53
Std Dev 3.038
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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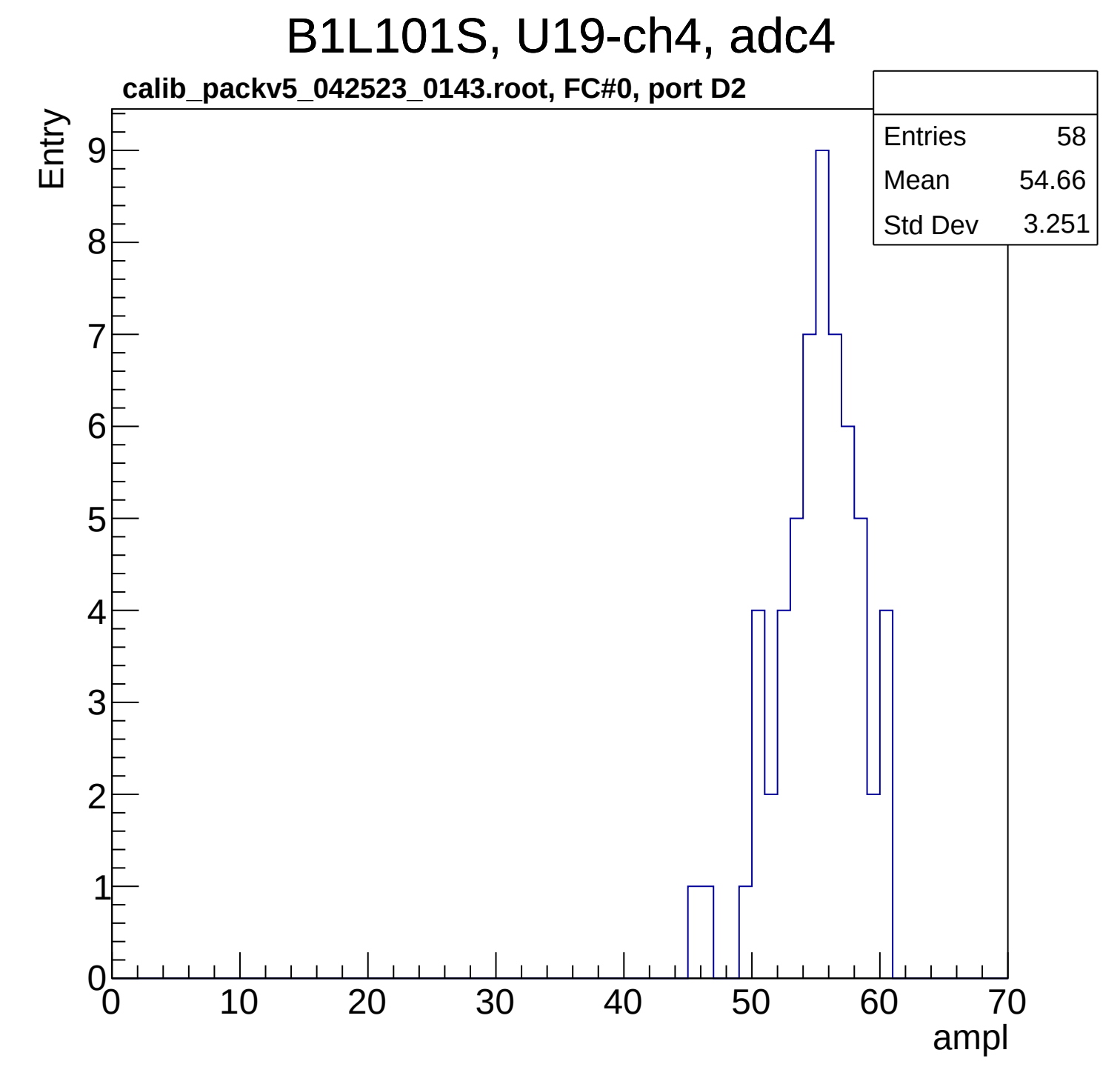
B1L101S, U19-ch4, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 54.66
Std Dev 3.251
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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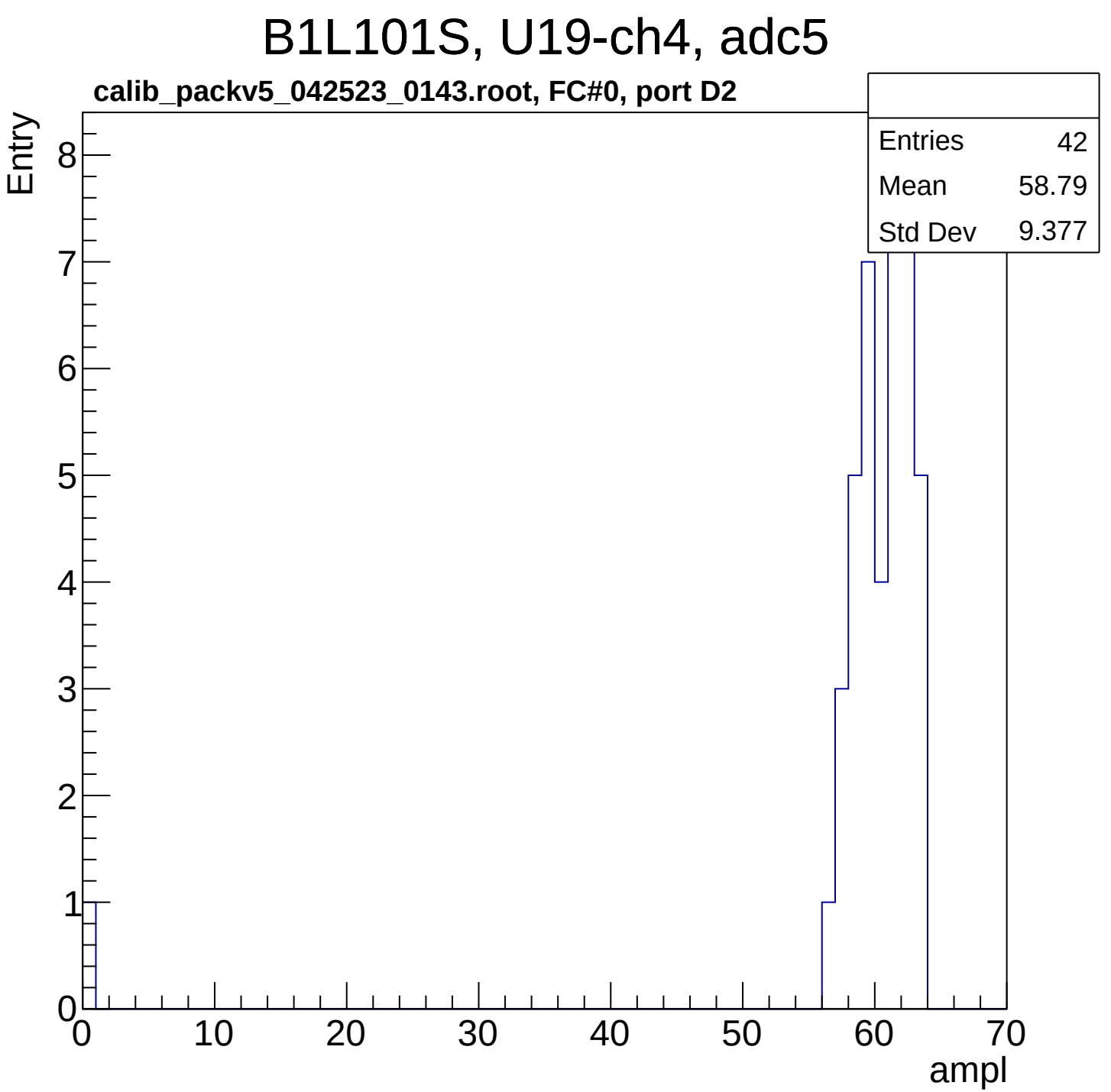
B1L101S, U19-ch4, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 58.79
Std Dev 9.377
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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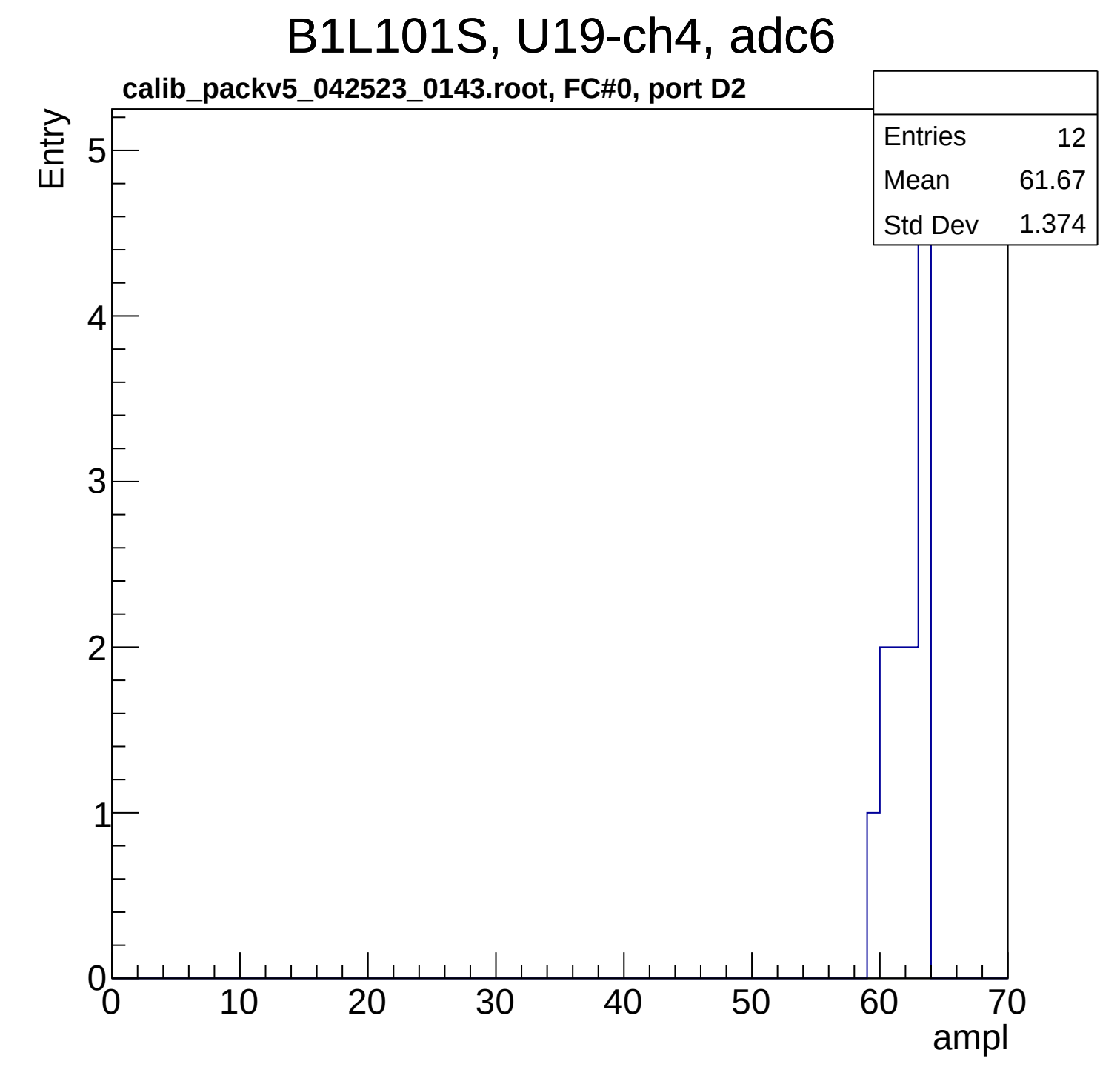
B1L101S, U19-ch4, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 12
Mean 61.67
Std Dev 1.374
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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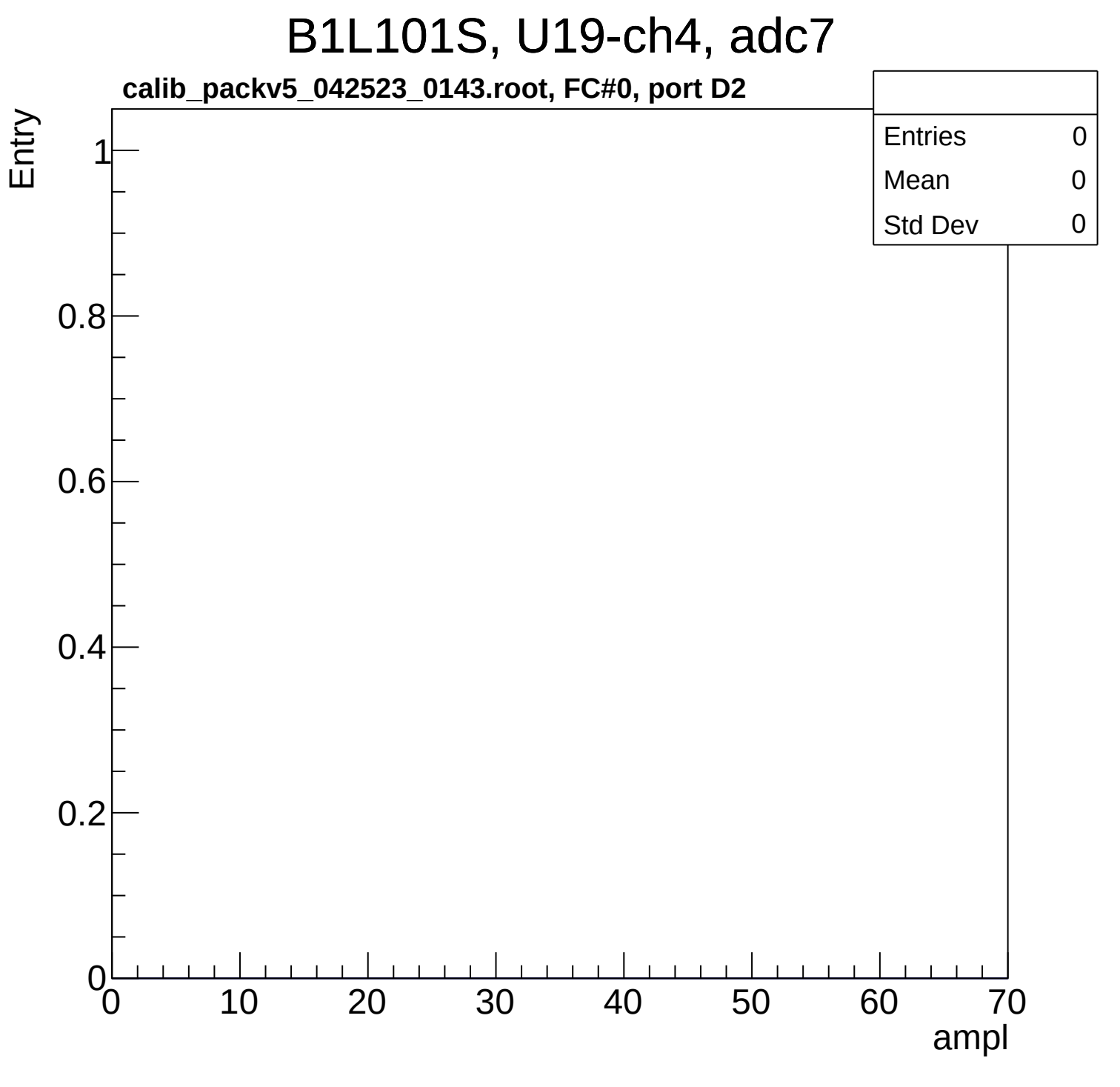
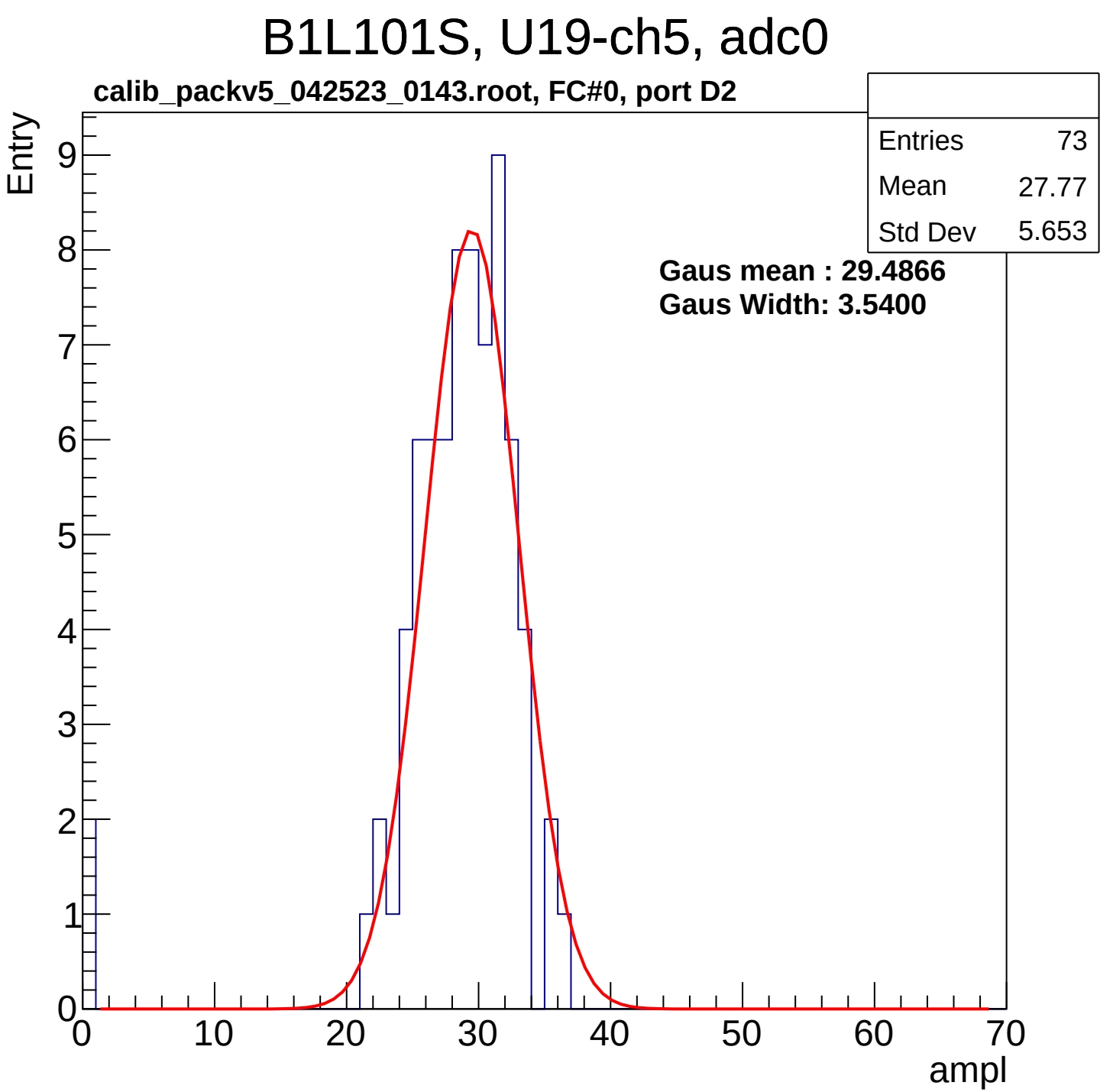
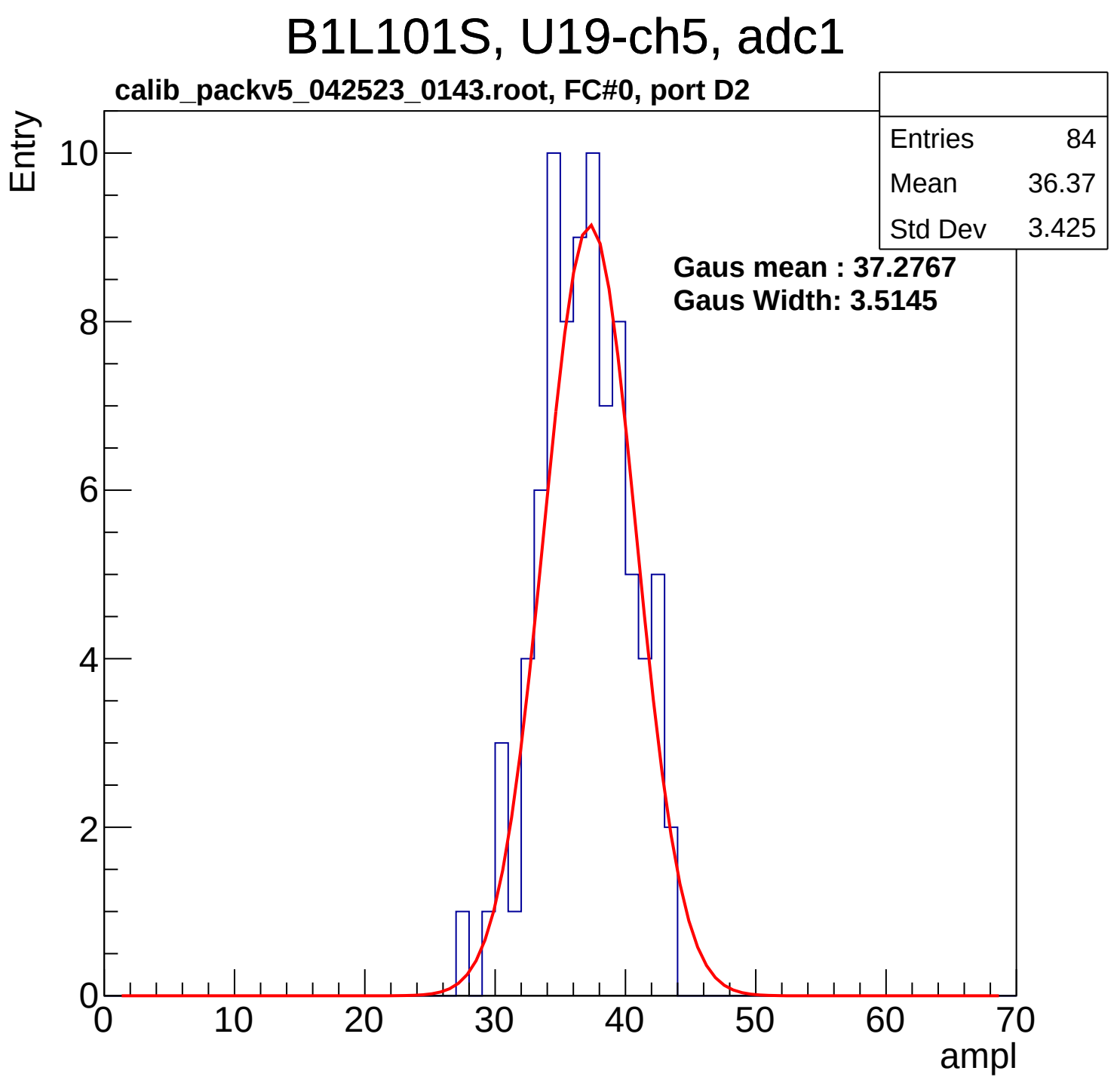

B1L101S, U19-ch4, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch5, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 27.77
Std Dev 5.653
Gaus mean : 29.4866
Gaus Width: 3.5400
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch5, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 36.37
Std Dev 3.425
Gaus mean : 37.2767
Gaus Width: 3.5145
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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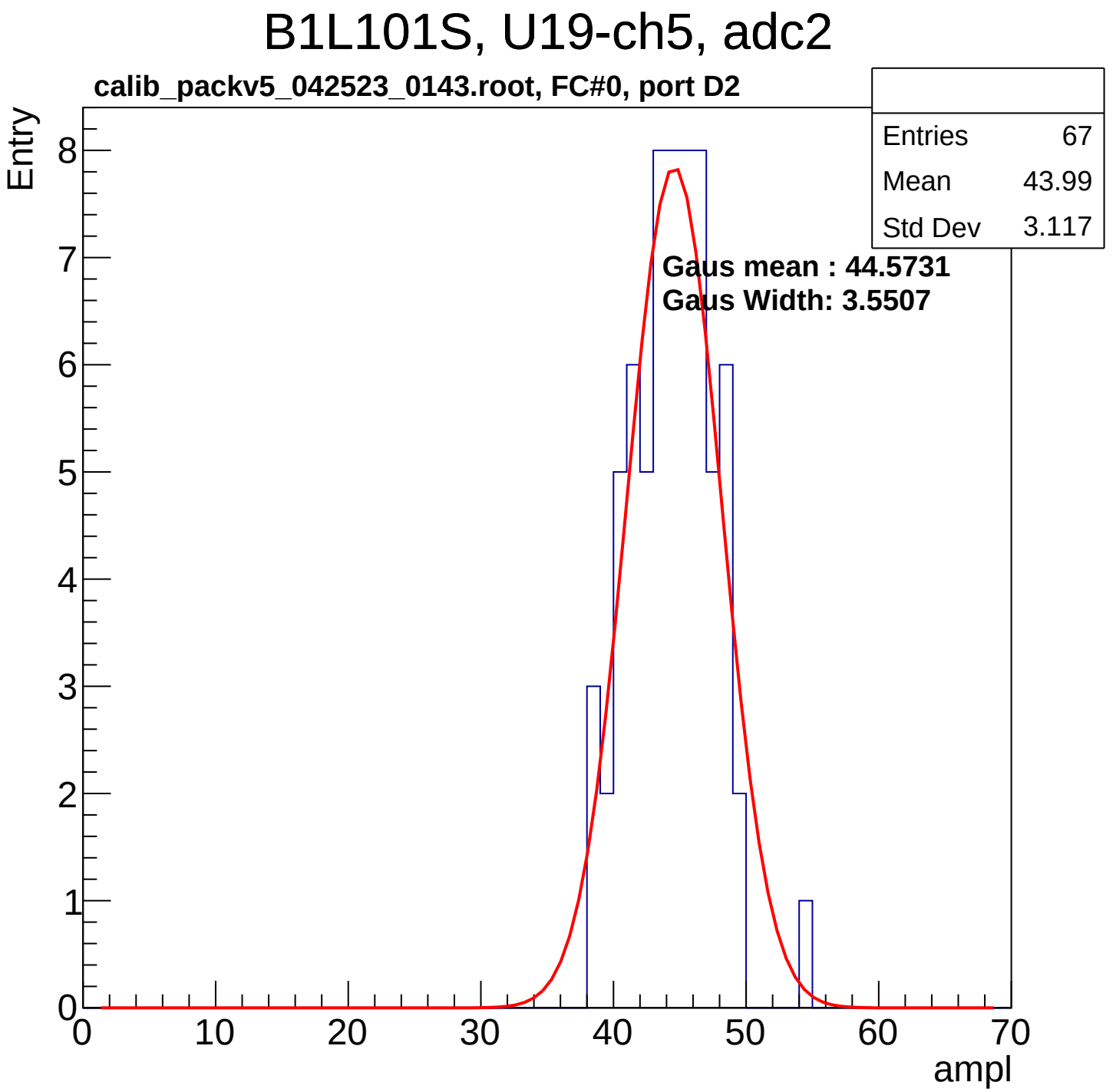
B1L101S, U19-ch5, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 43.99
Std Dev 3.117
Gaus mean : 44.5731
Gaus Width: 3.5507
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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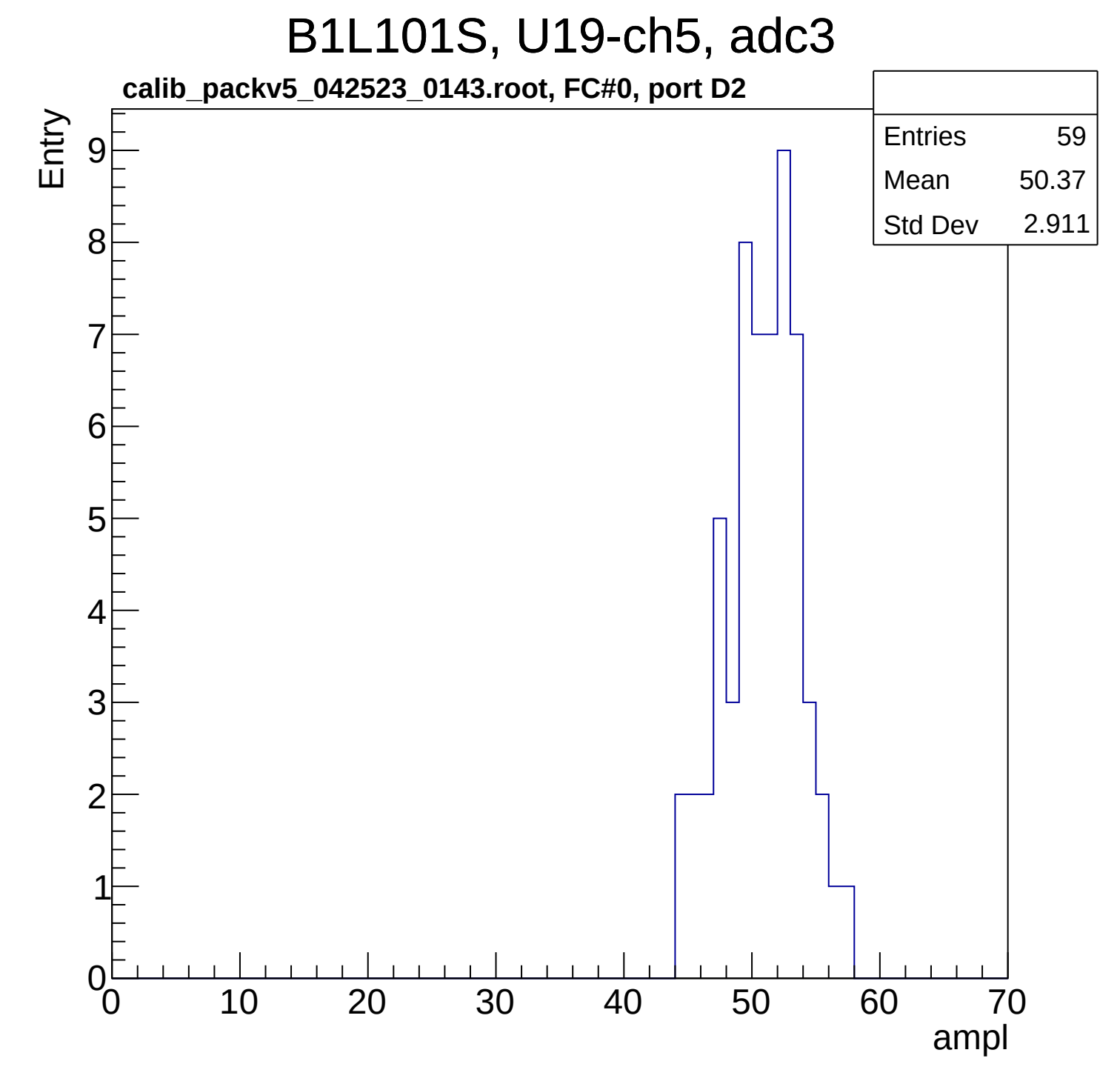
B1L101S, U19-ch5, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 50.37
Std Dev 2.911
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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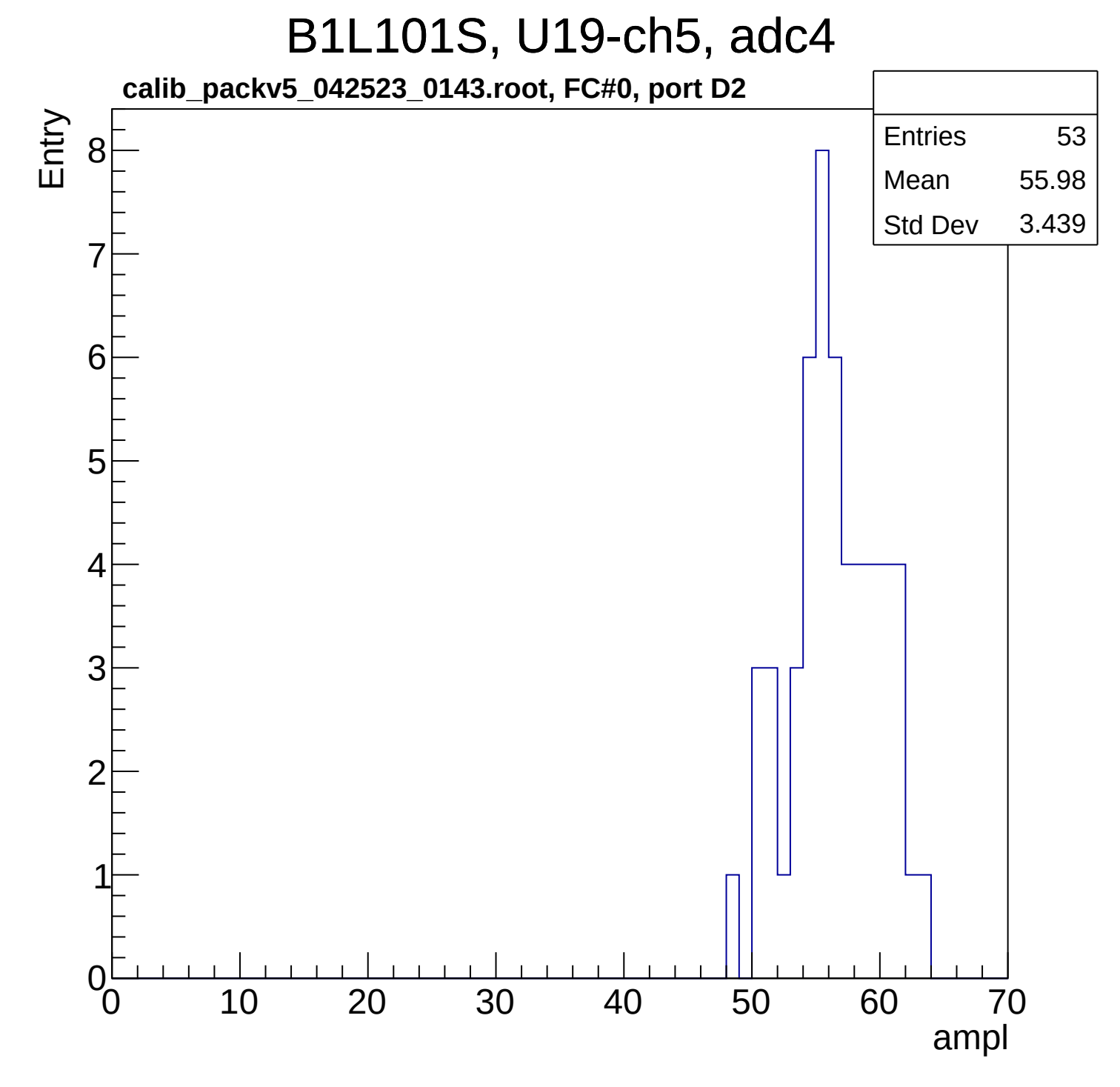
B1L101S, U19-ch5, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 55.98
Std Dev 3.439
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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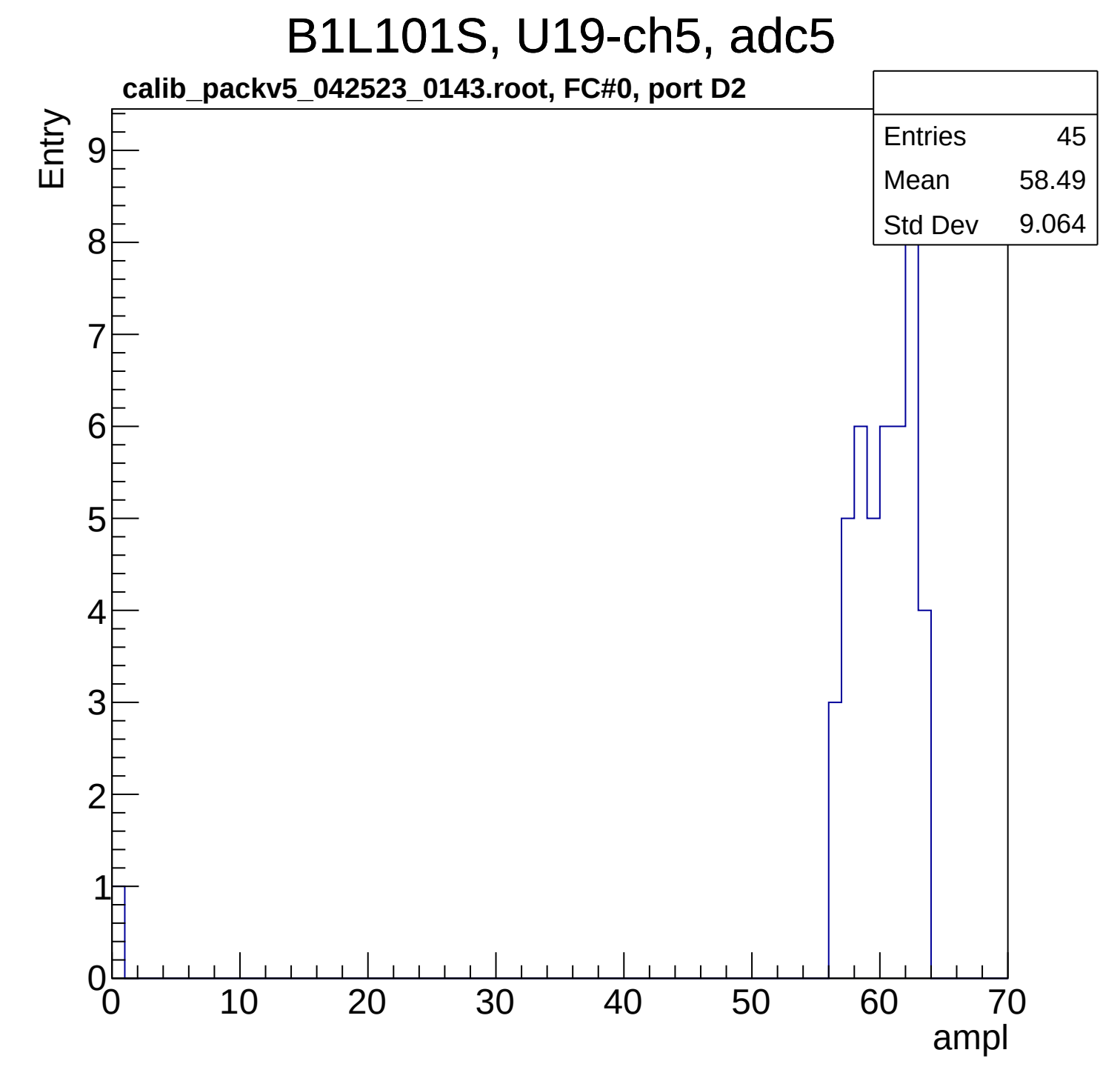
B1L101S, U19-ch5, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 58.49
Std Dev 9.064
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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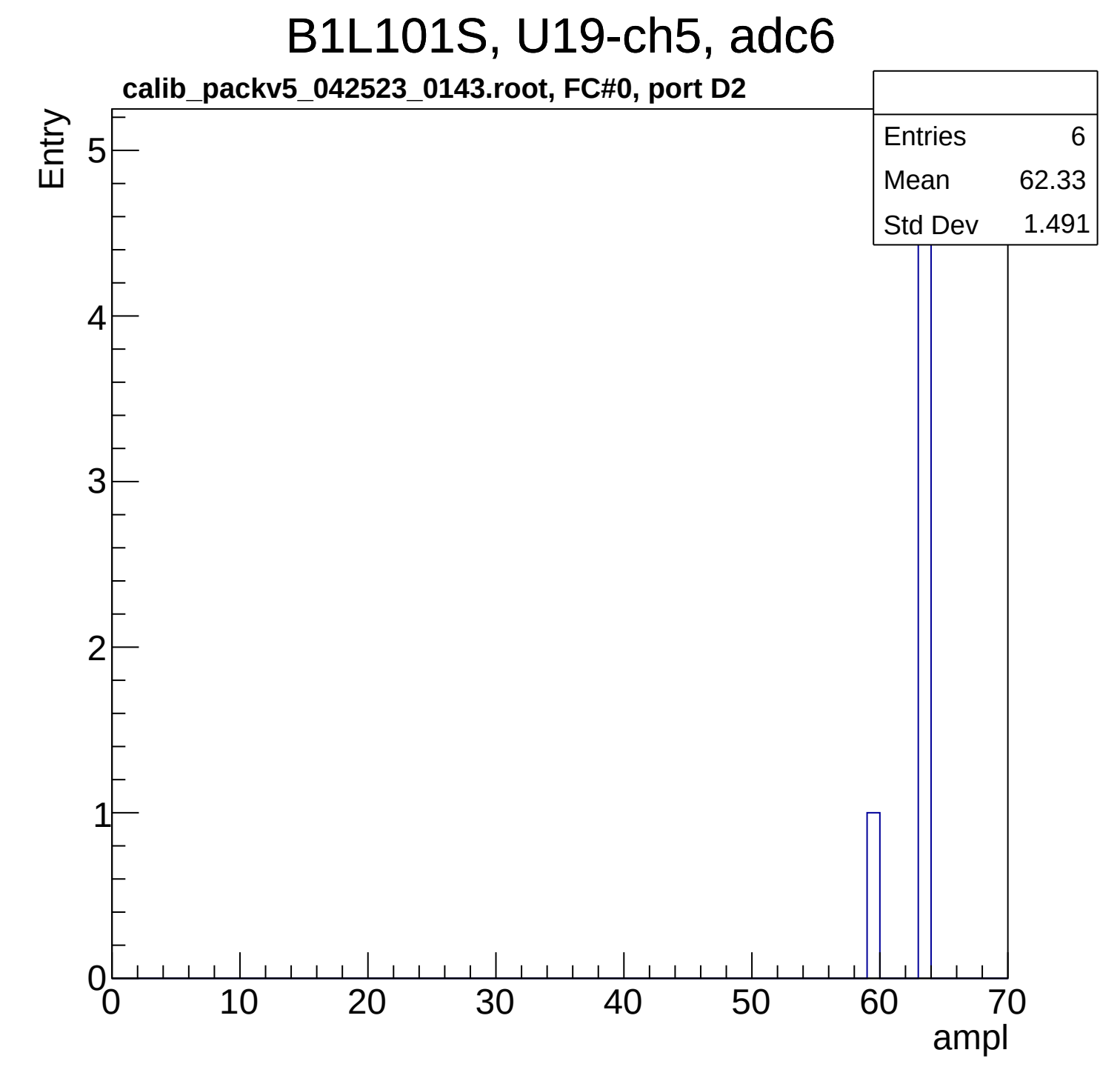
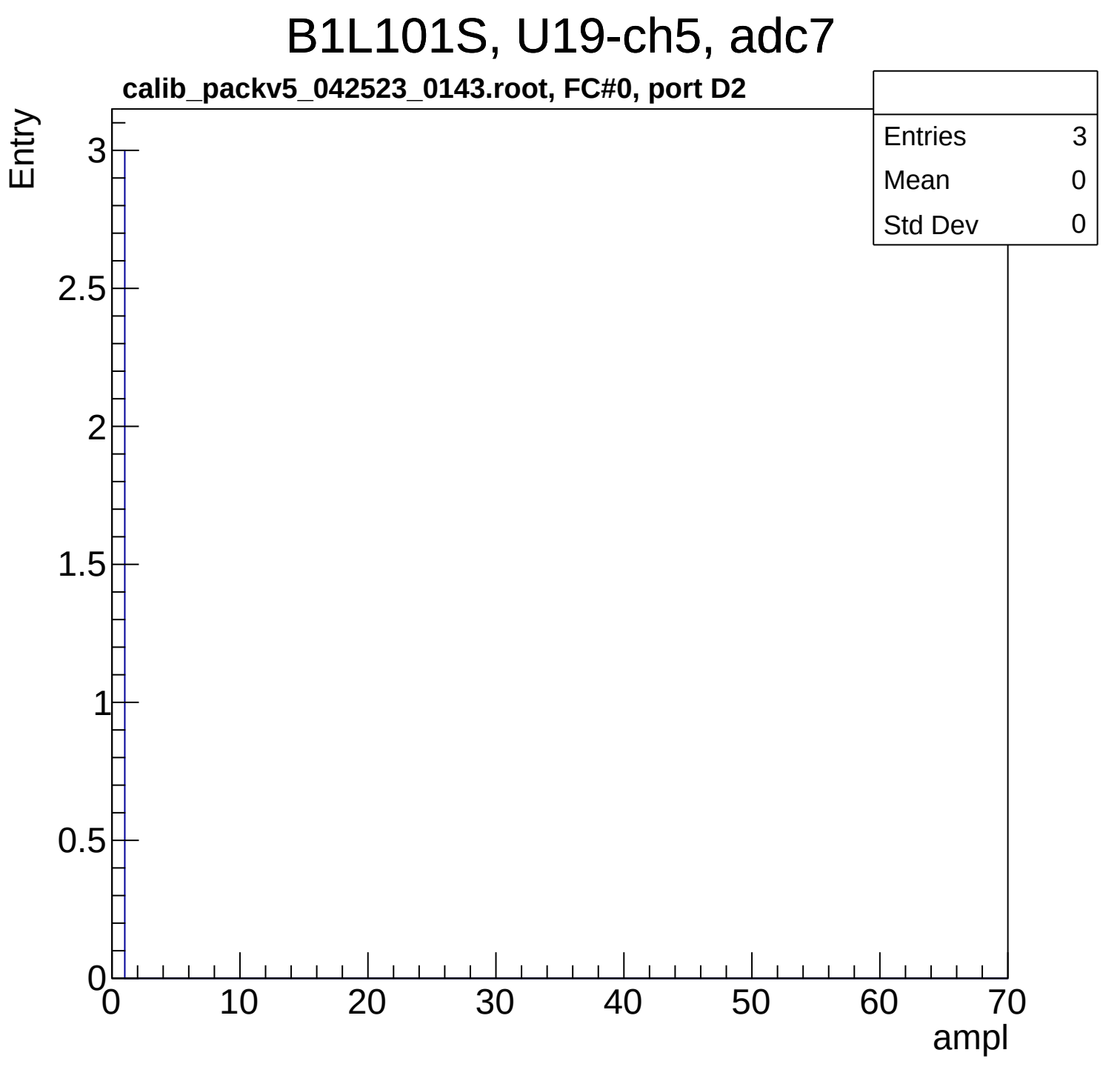
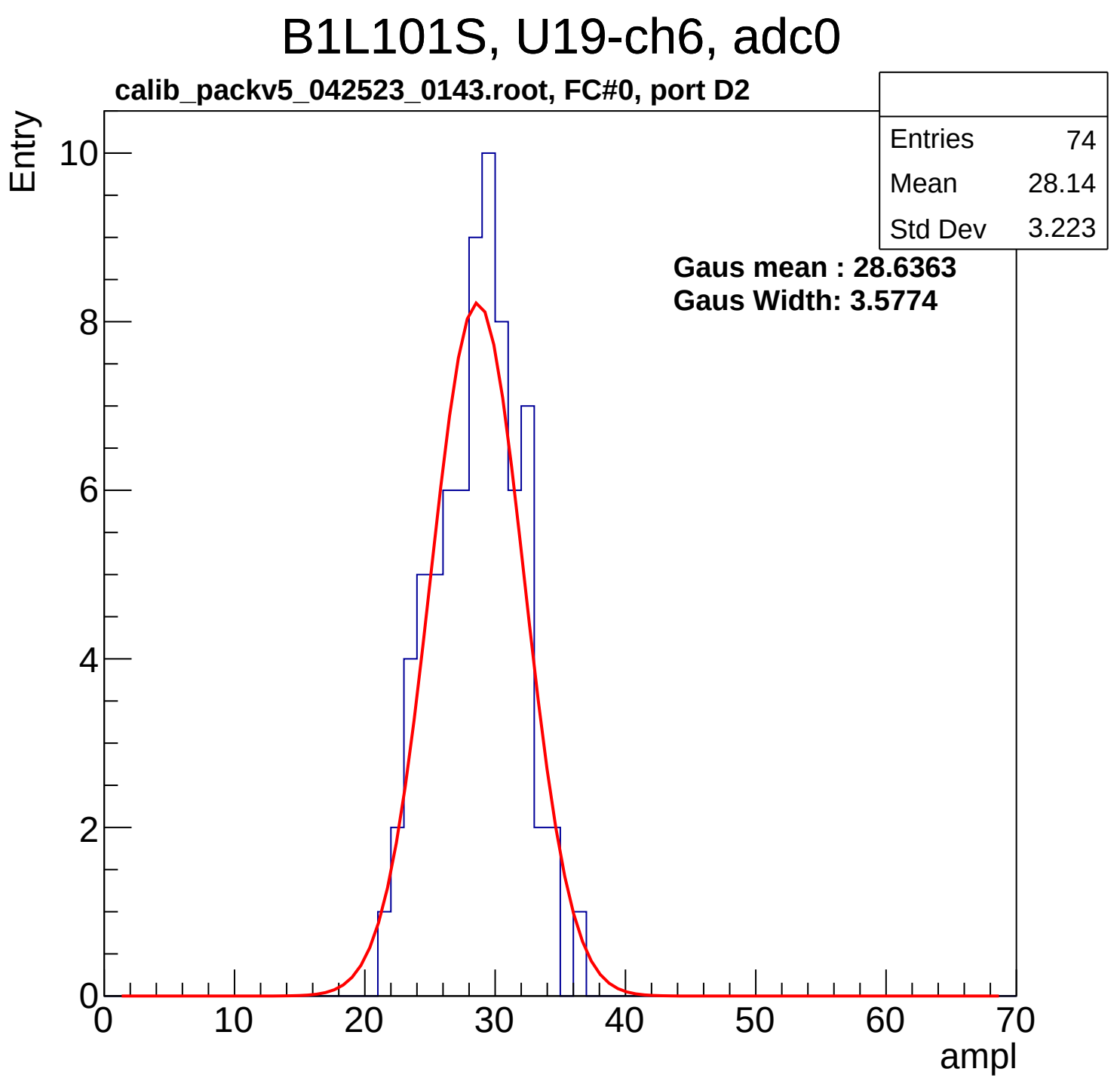
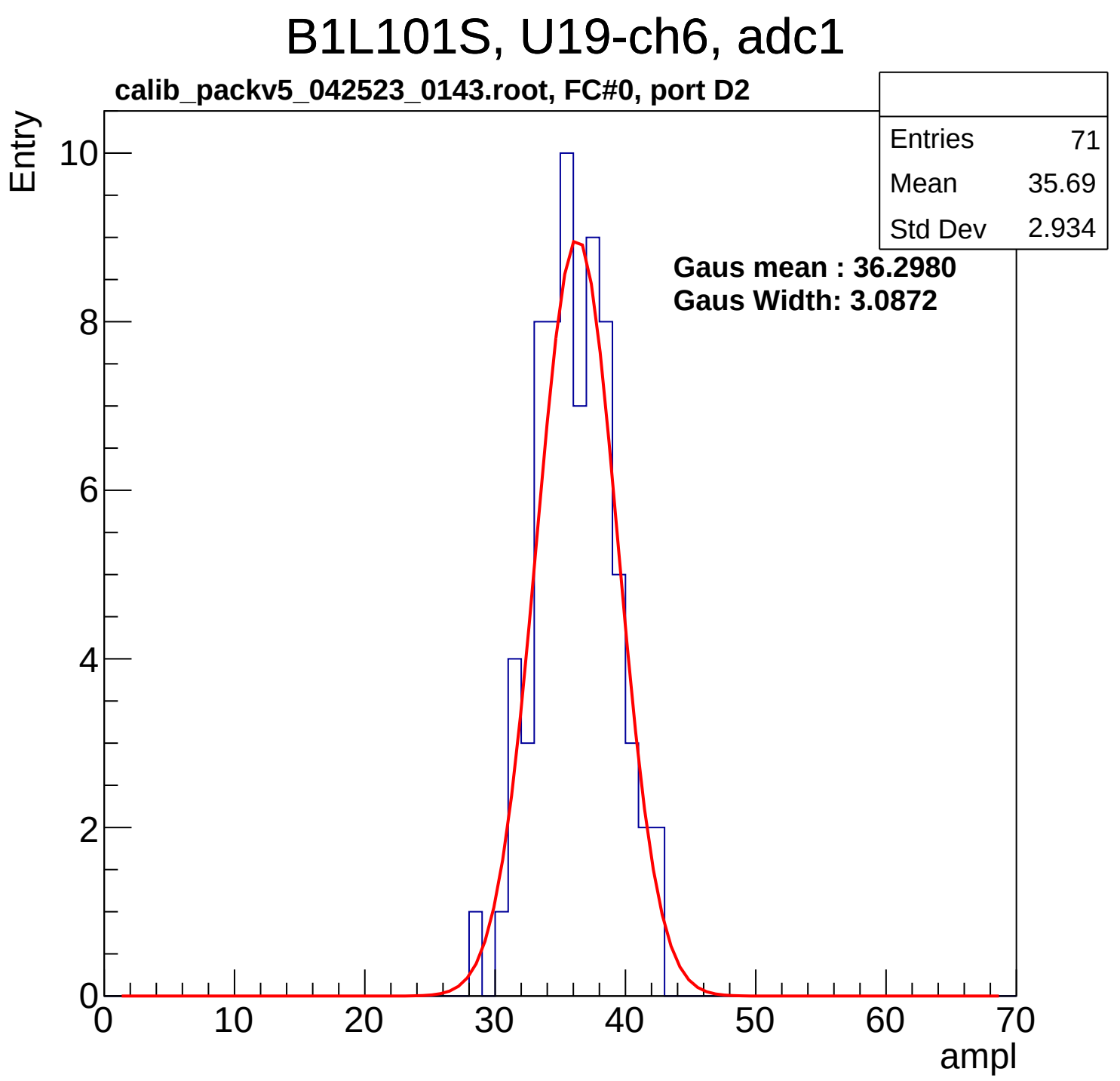
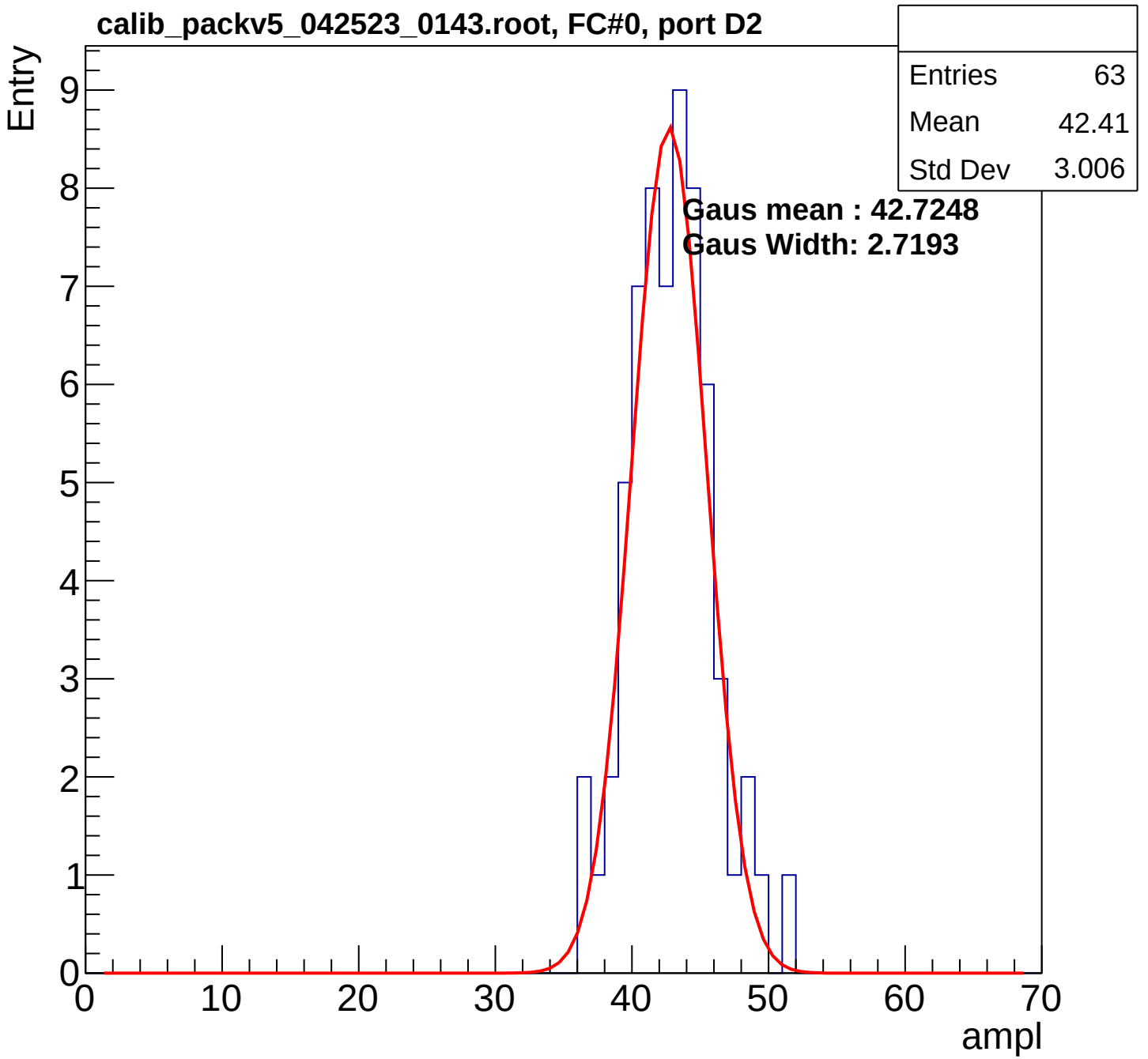

B1L101S, U19-ch5, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 62.33
Std Dev 1.491
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L101S, U19-ch5, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 0
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch6, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 28.14
Std Dev 3.223
Gaus mean : 28.6363
Gaus Width: 3.5774
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch6, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 35.69
Std Dev 2.934
Gaus mean : 36.2980
Gaus Width: 3.0872
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch6, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 42.41
Std Dev 3.006
Gaus mean : 42.7248
Gaus Width: 2.7193
Entry
ampl
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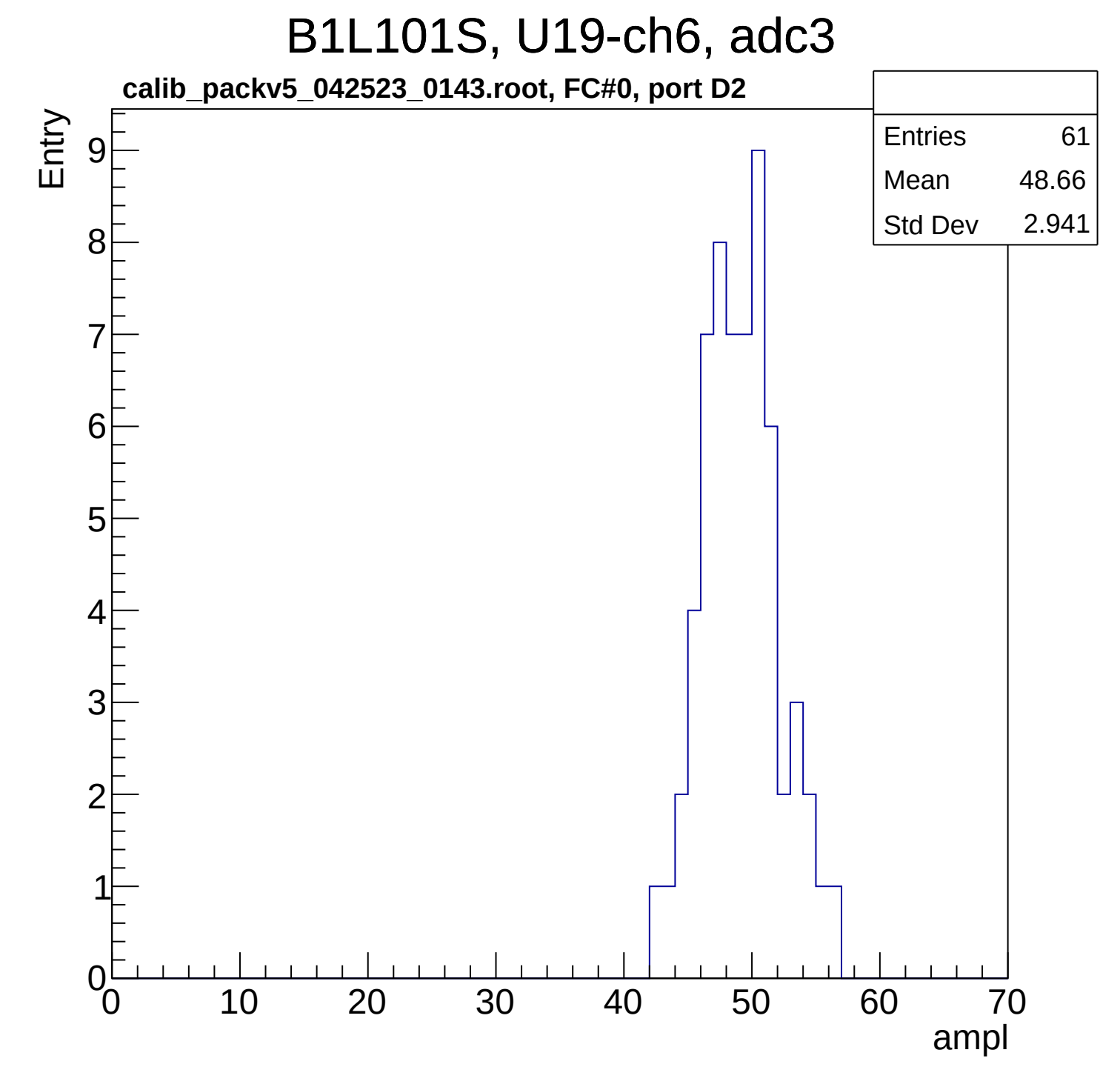
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch6, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 48.66
Std Dev 2.941
Entry
ampl
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3
4
5
6
7
8
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0
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20
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40
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60
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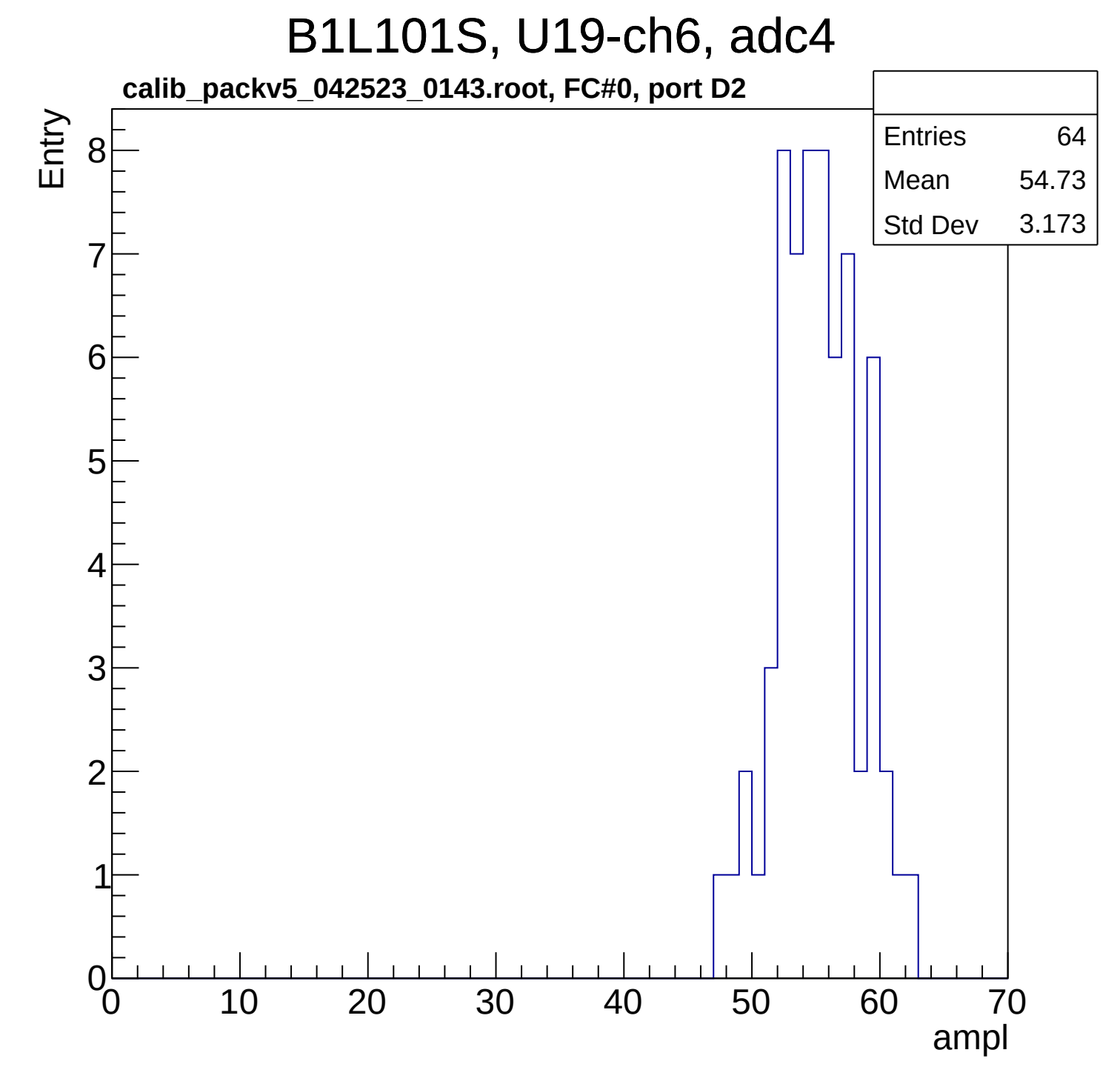
B1L101S, U19-ch6, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 54.73
Std Dev 3.173
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
50
60
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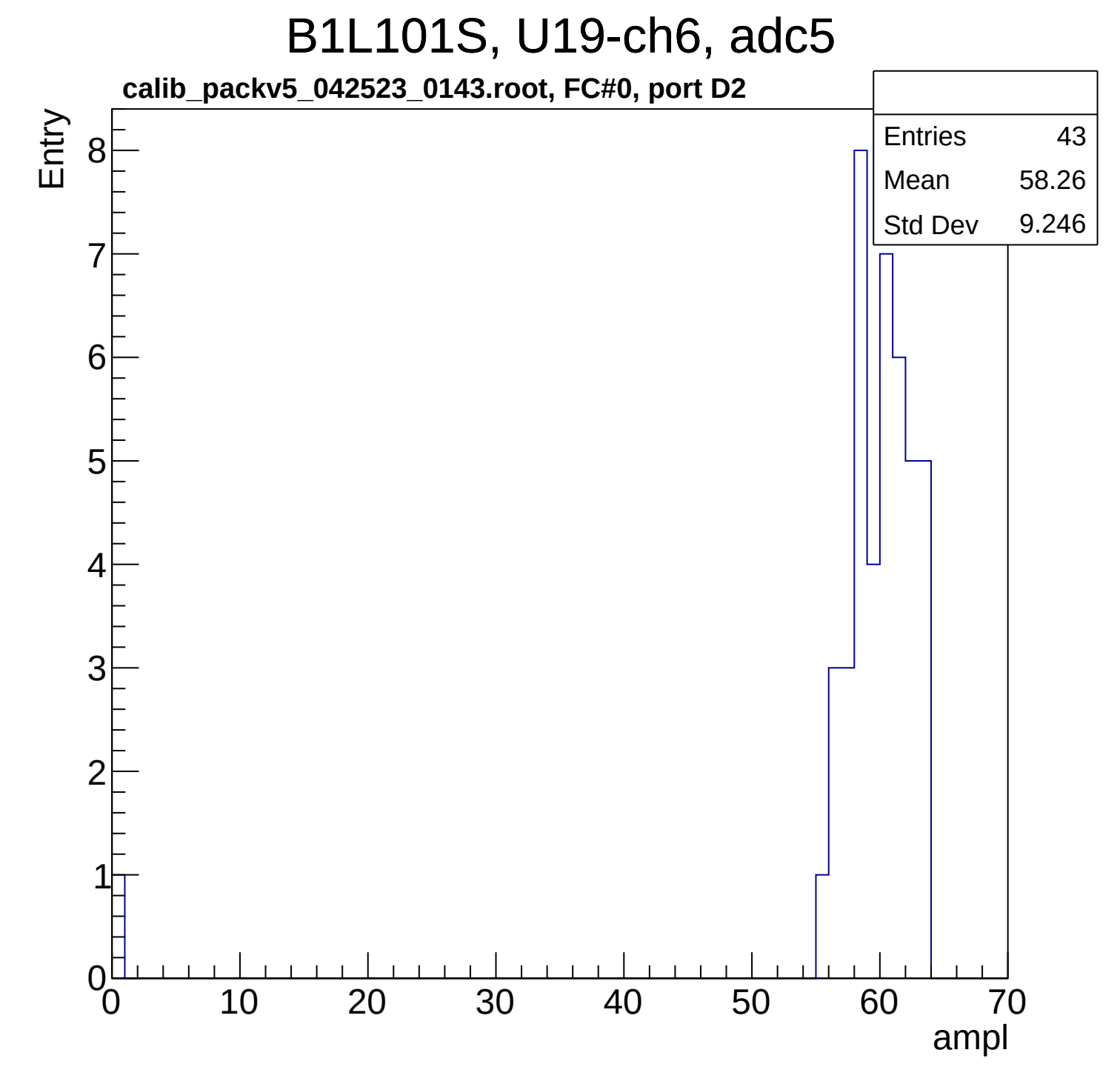
B1L101S, U19-ch6, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 58.26
Std Dev 9.246
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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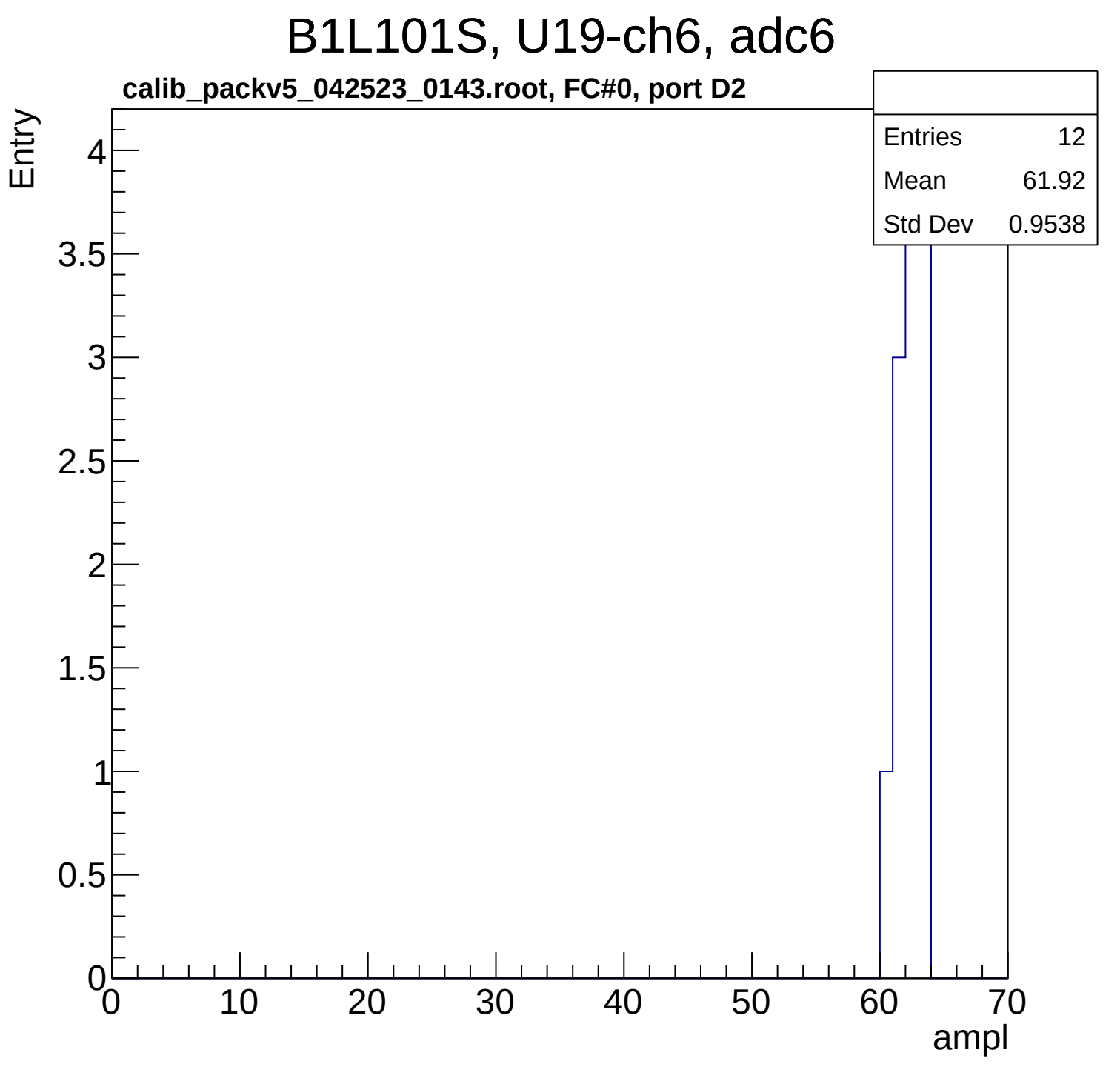
40
50
60
70


B1L101S, U19-ch6, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 12
Mean 61.92
Std Dev 0.9538
Entry
ampl
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0.5
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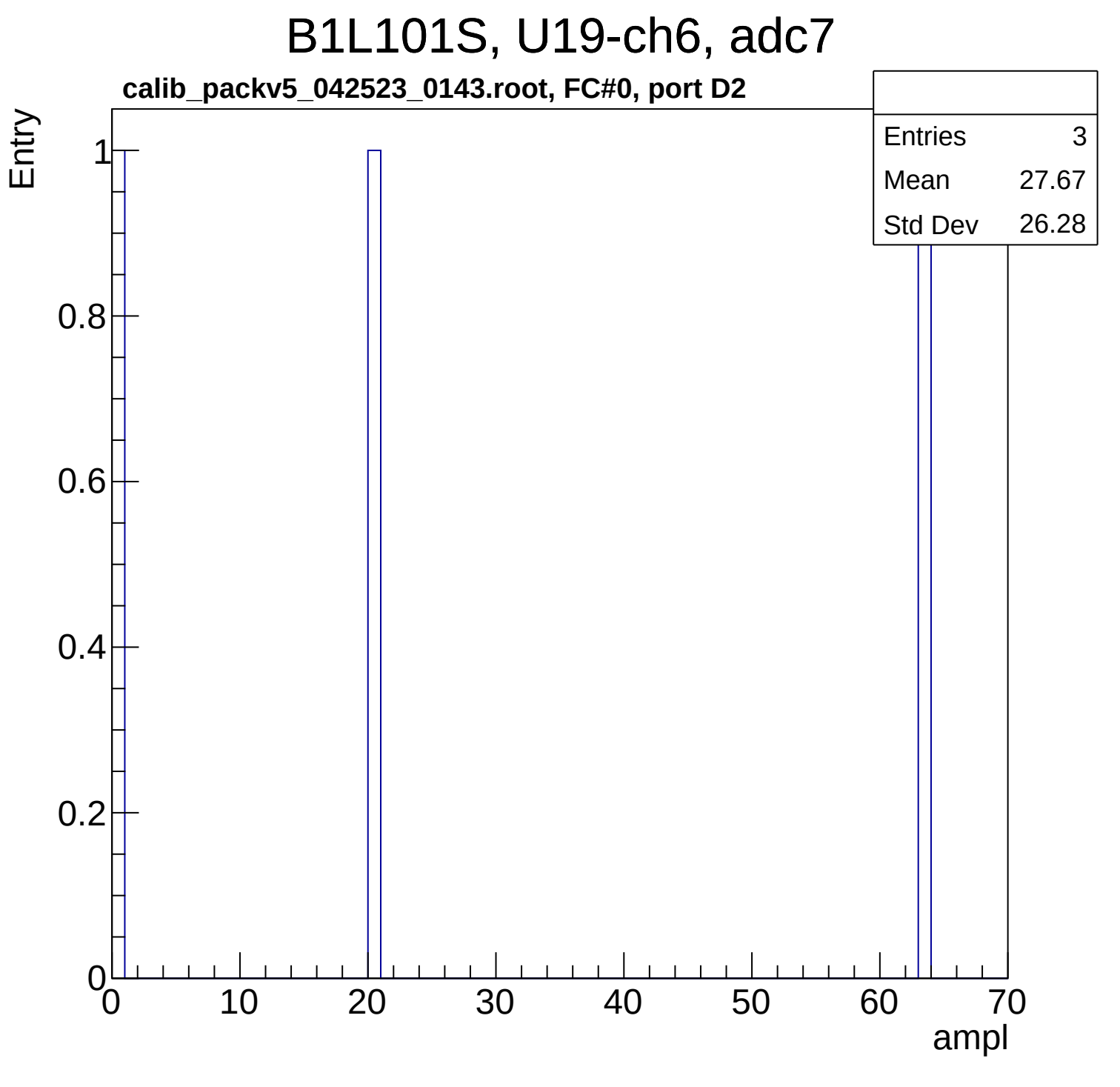
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch6, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 27.67
Std Dev 26.28
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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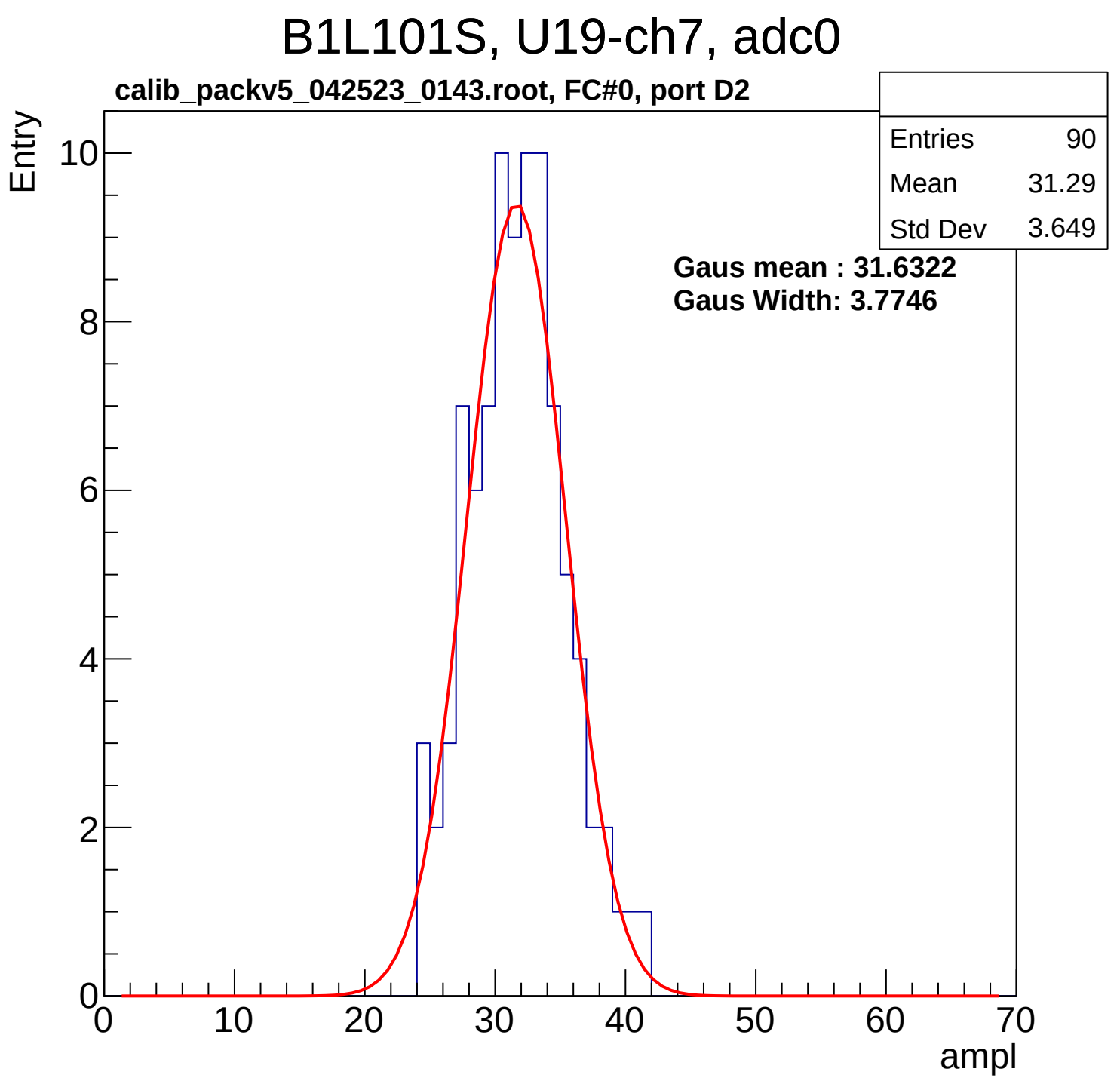
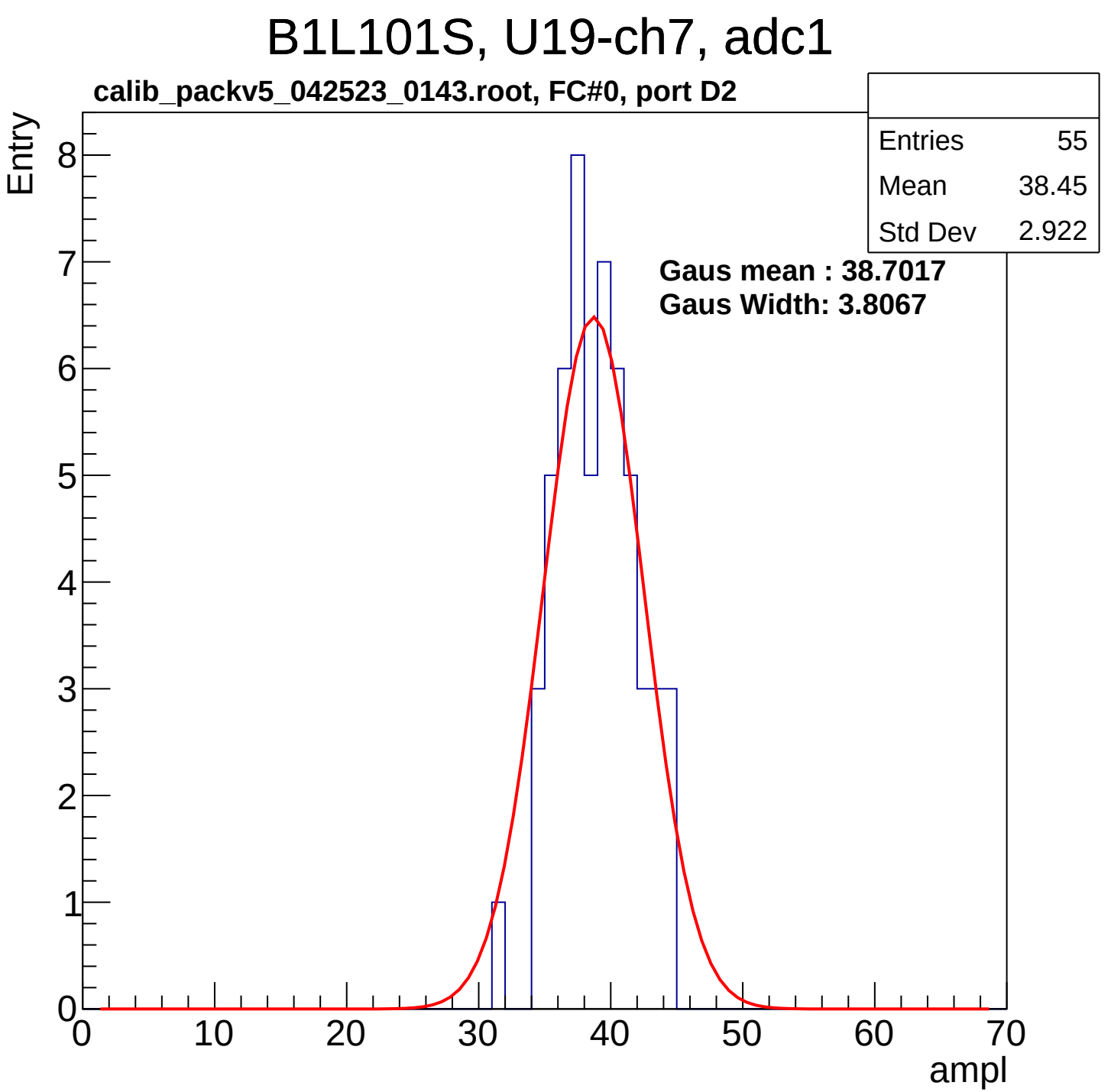
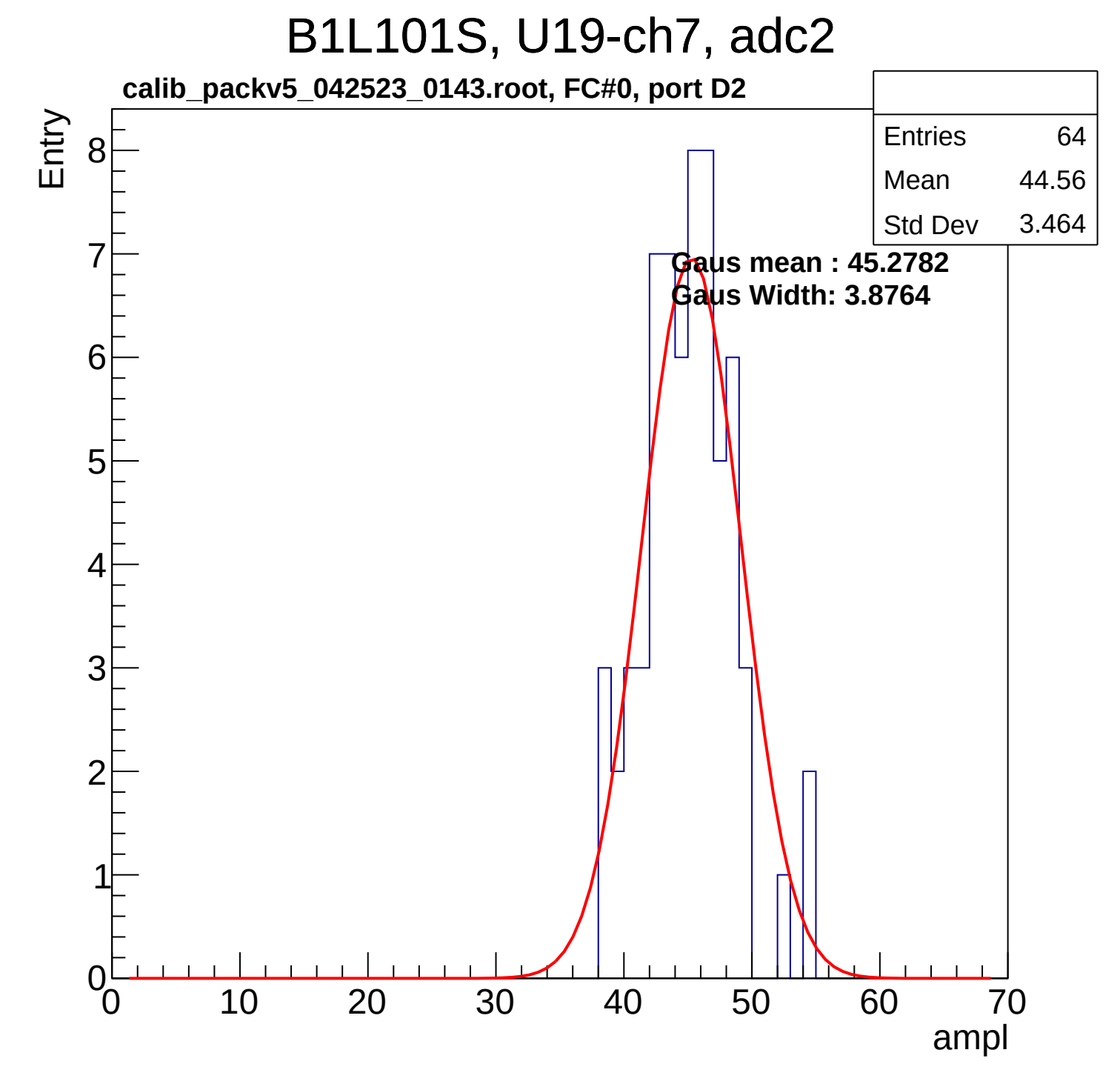

B1L101S, U19-ch7, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 90
Mean 31.29
Std Dev 3.649
Gaus mean : 31.6322
Gaus Width: 3.7746
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch7, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 38.45
Std Dev 2.922
Gaus mean : 38.7017
Gaus Width: 3.8067
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch7, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 44.56
Std Dev 3.464
Gaus mean : 45.2782
Gaus Width: 3.8764
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
50
60
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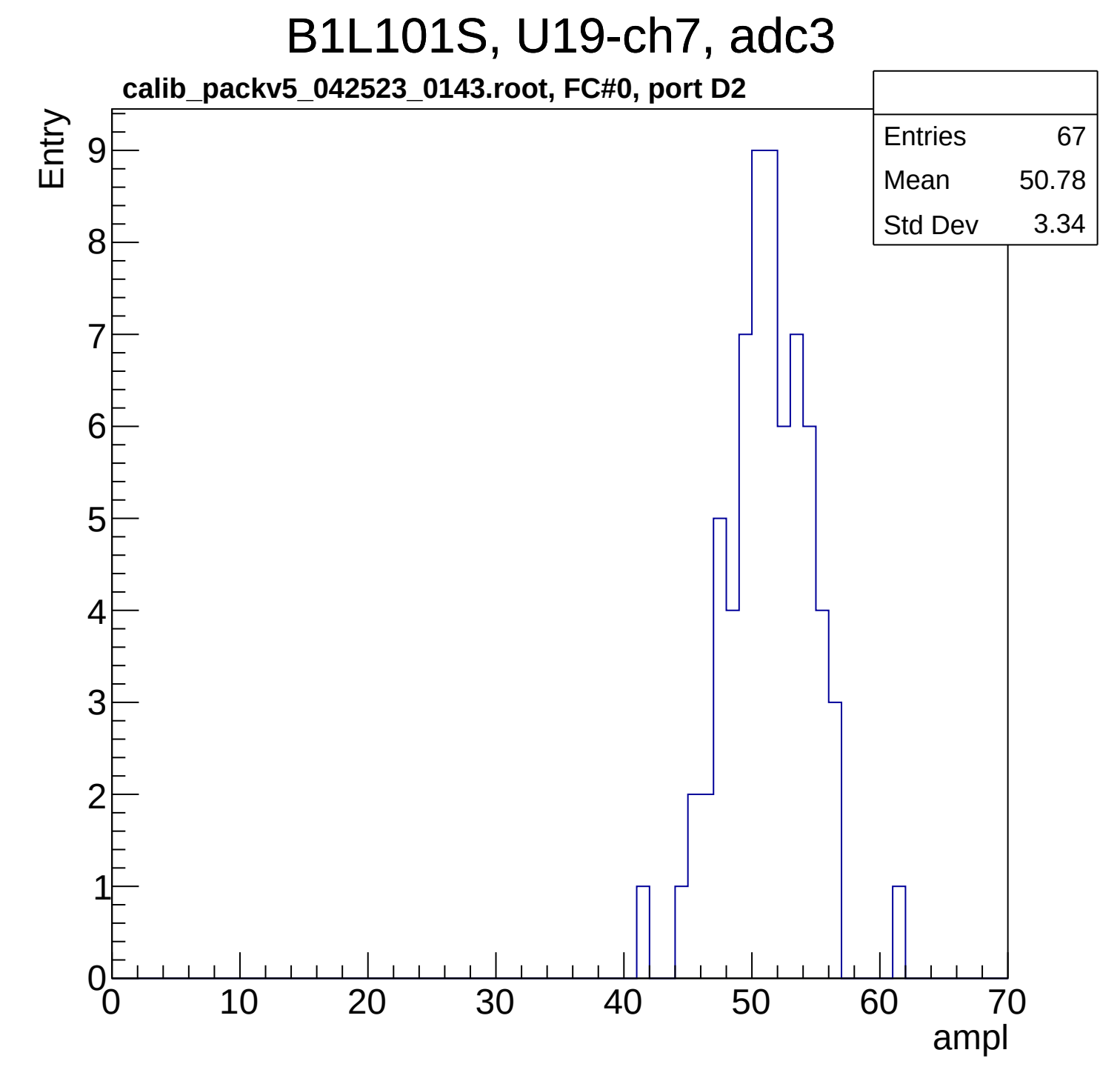
B1L101S, U19-ch7, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 50.78
Std Dev 3.34
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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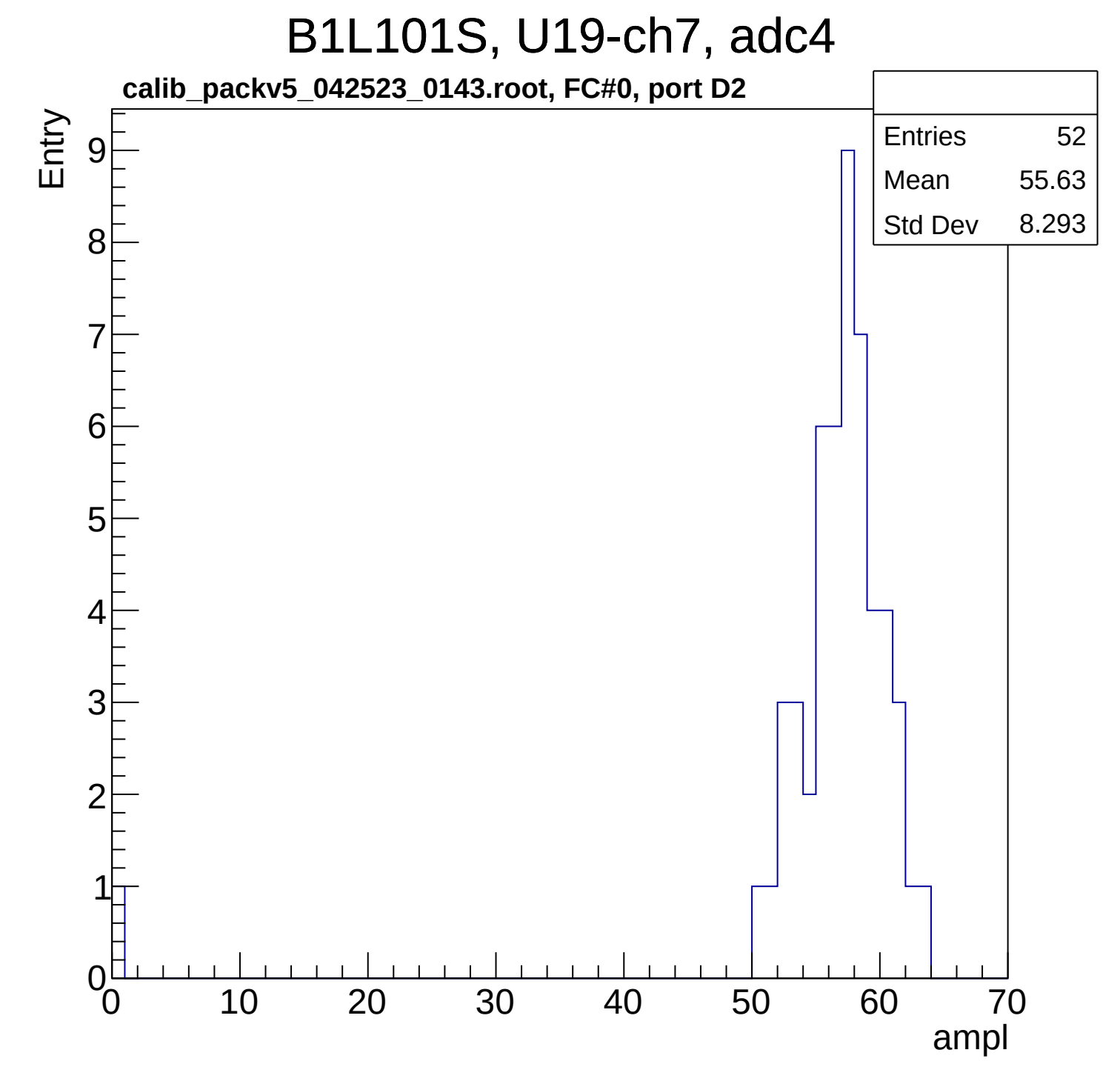
B1L101S, U19-ch7, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 55.63
Std Dev 8.293
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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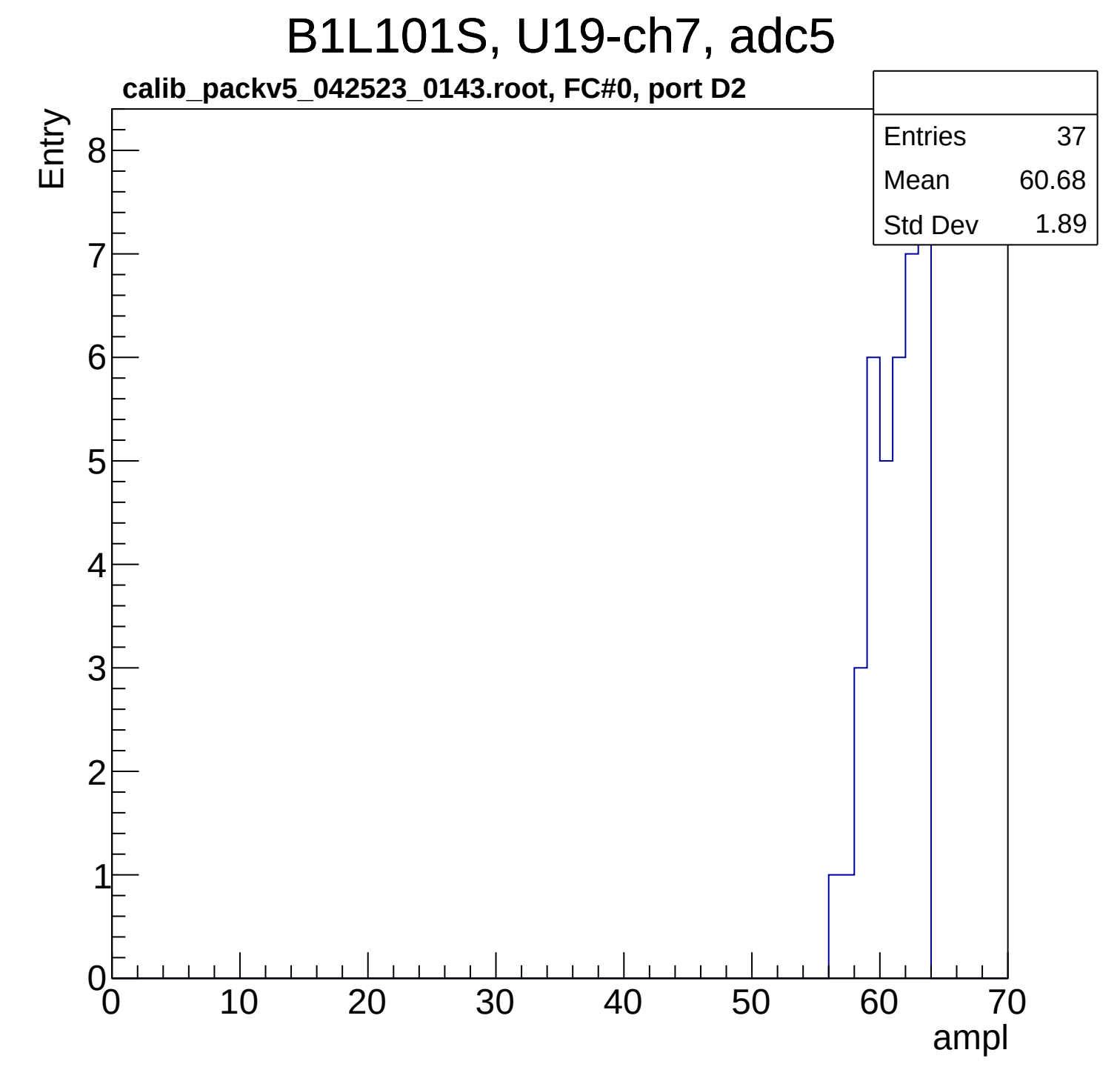
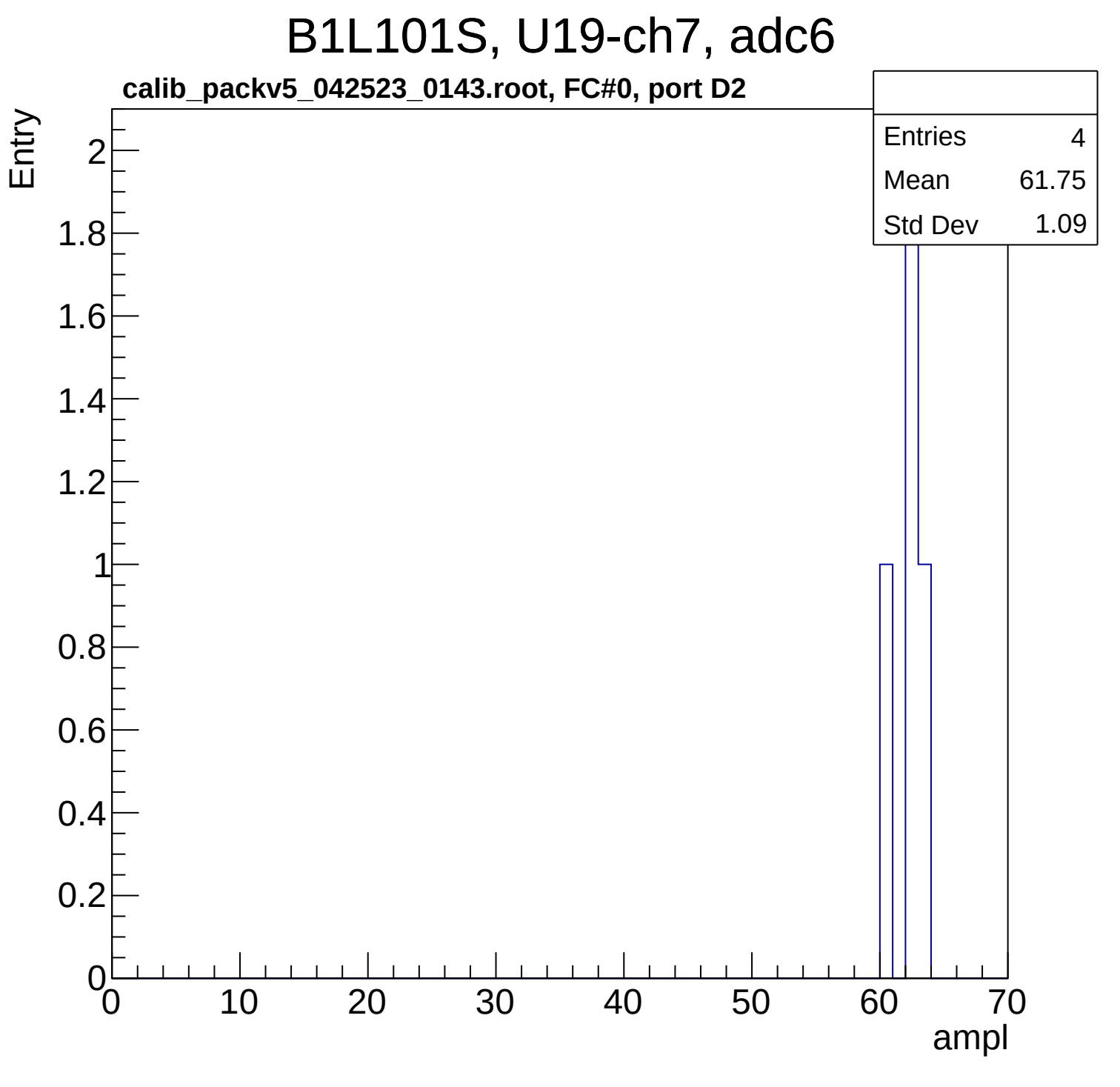

B1L101S, U19-ch7, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 60.68
Std Dev 1.89
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch7, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.75
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
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20
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60
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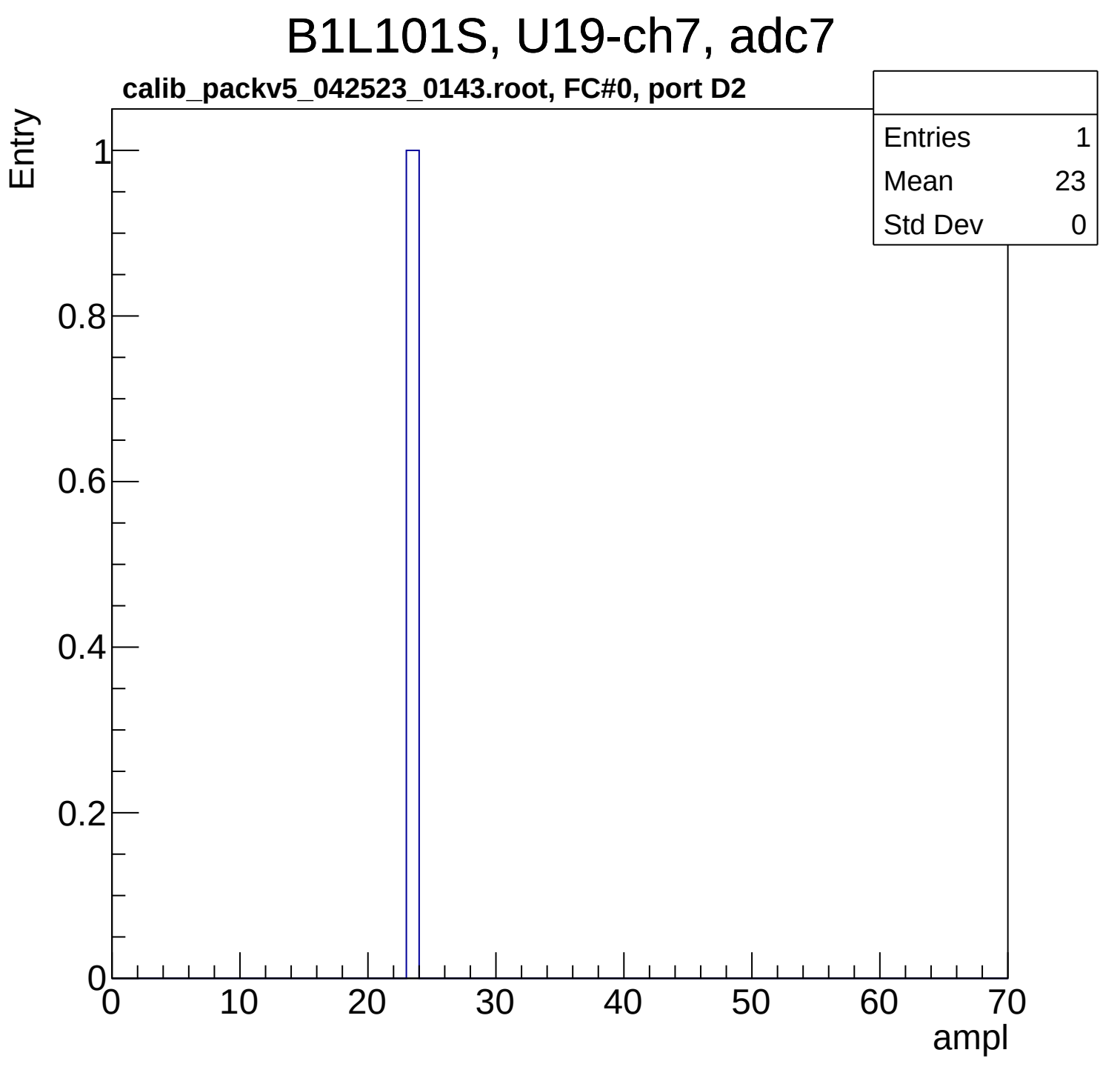
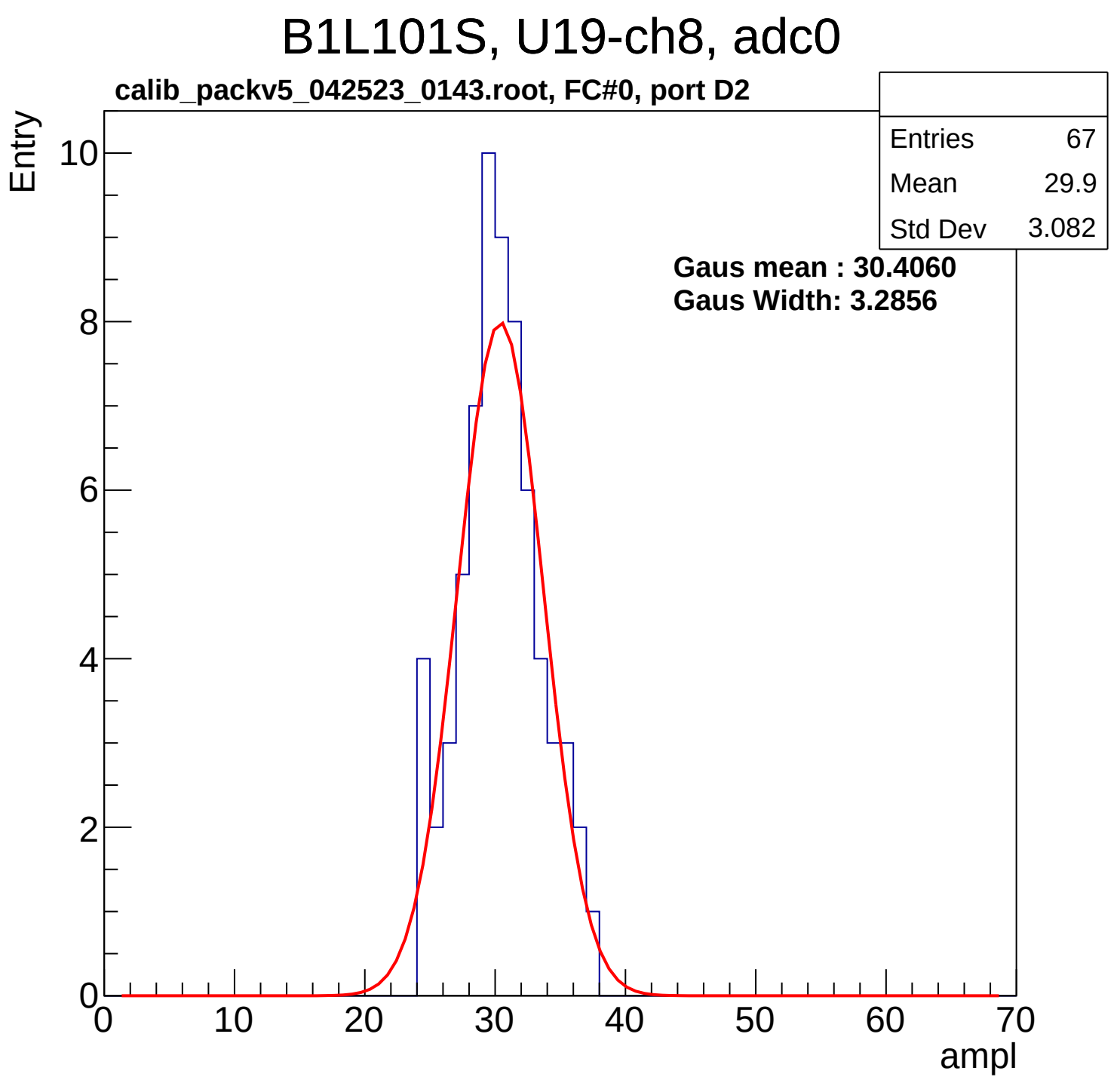
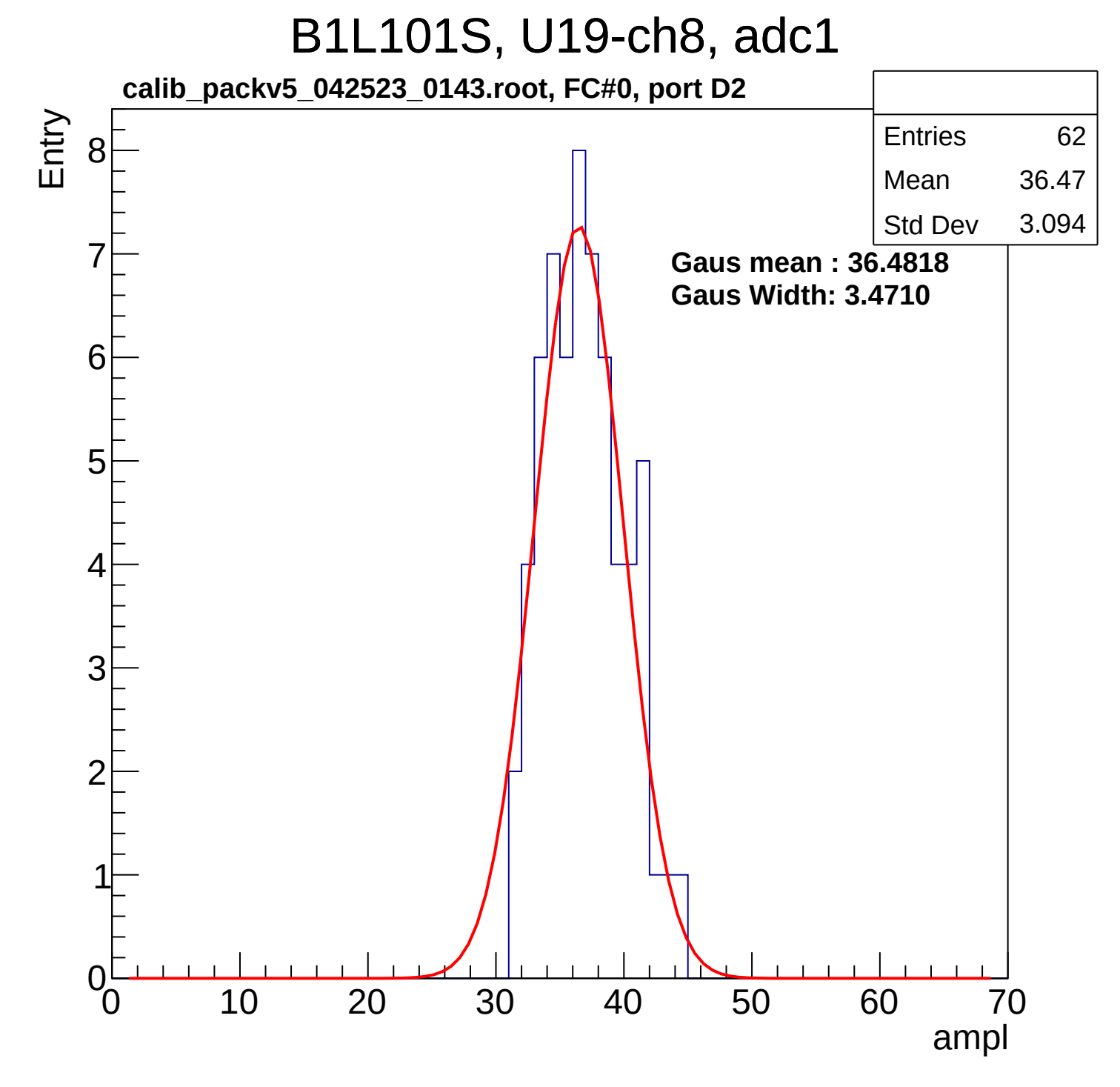
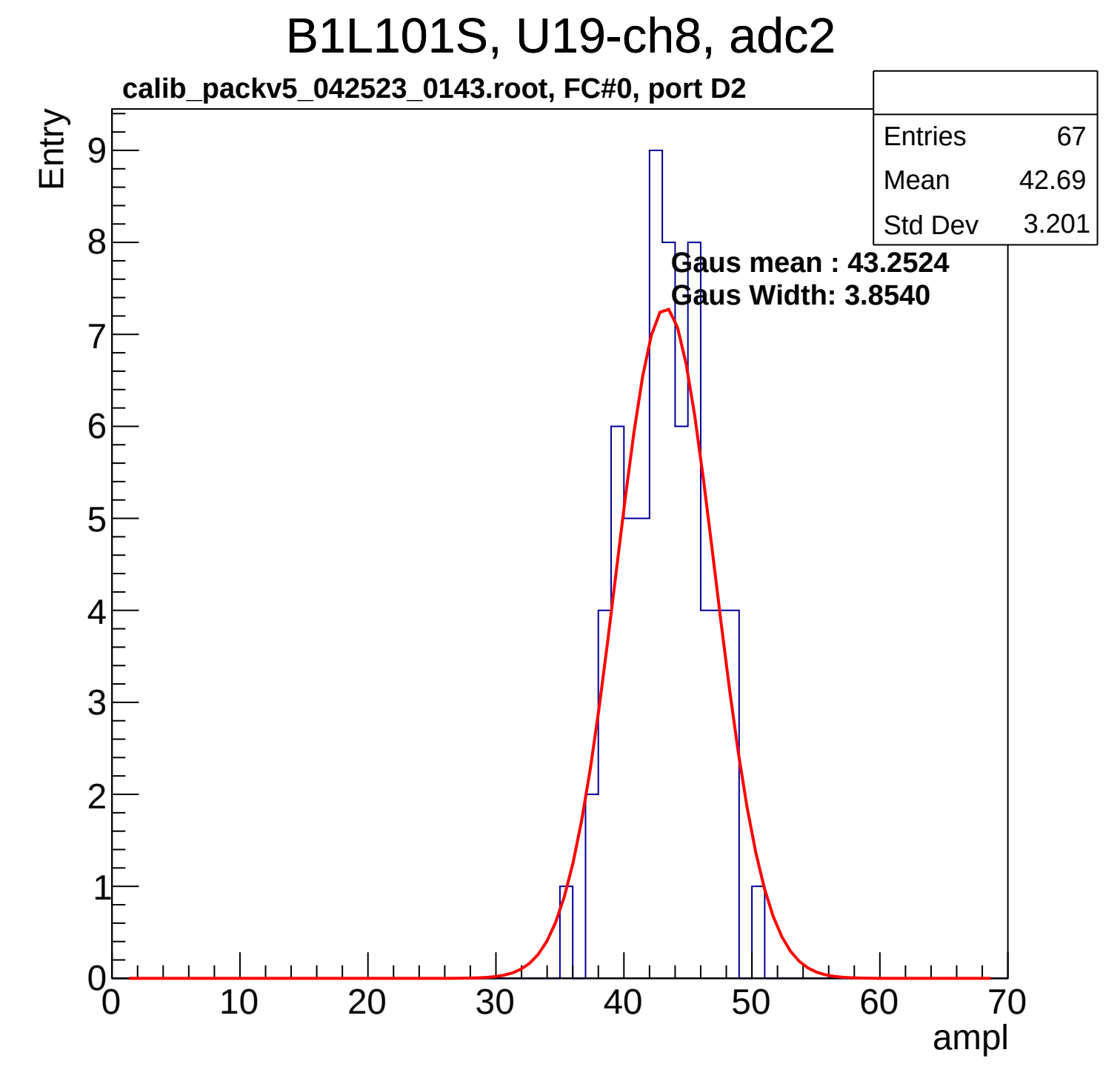

B1L101S, U19-ch7, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch8, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 29.9
Std Dev 3.082
Gaus mean : 30.4060
Gaus Width: 3.2856
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch8, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 36.47
Std Dev 3.094
Gaus mean : 36.4818
Gaus Width: 3.4710
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch8, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 42.69
Std Dev 3.201
Gaus mean : 43.2524
Gaus Width: 3.8540
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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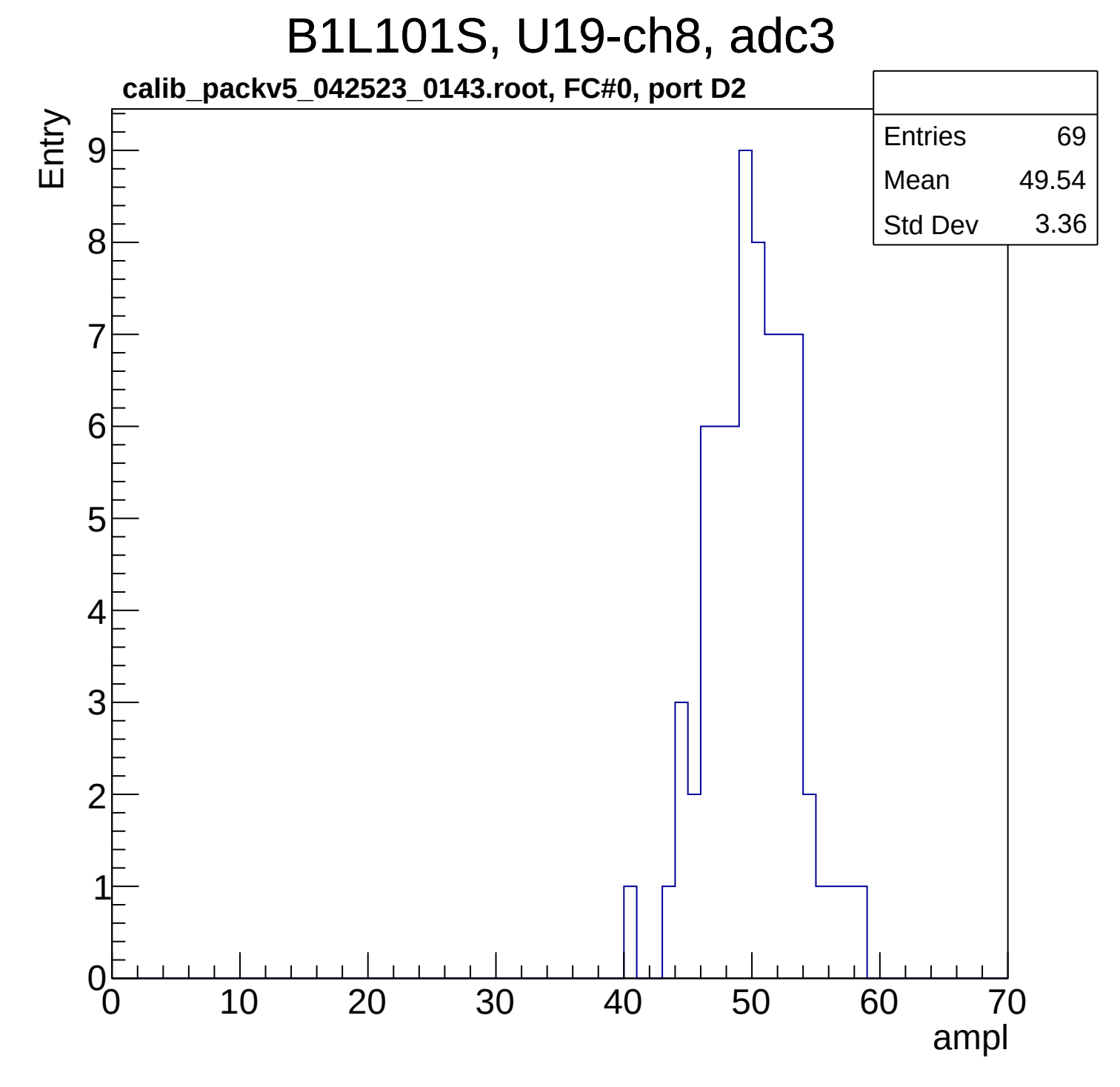
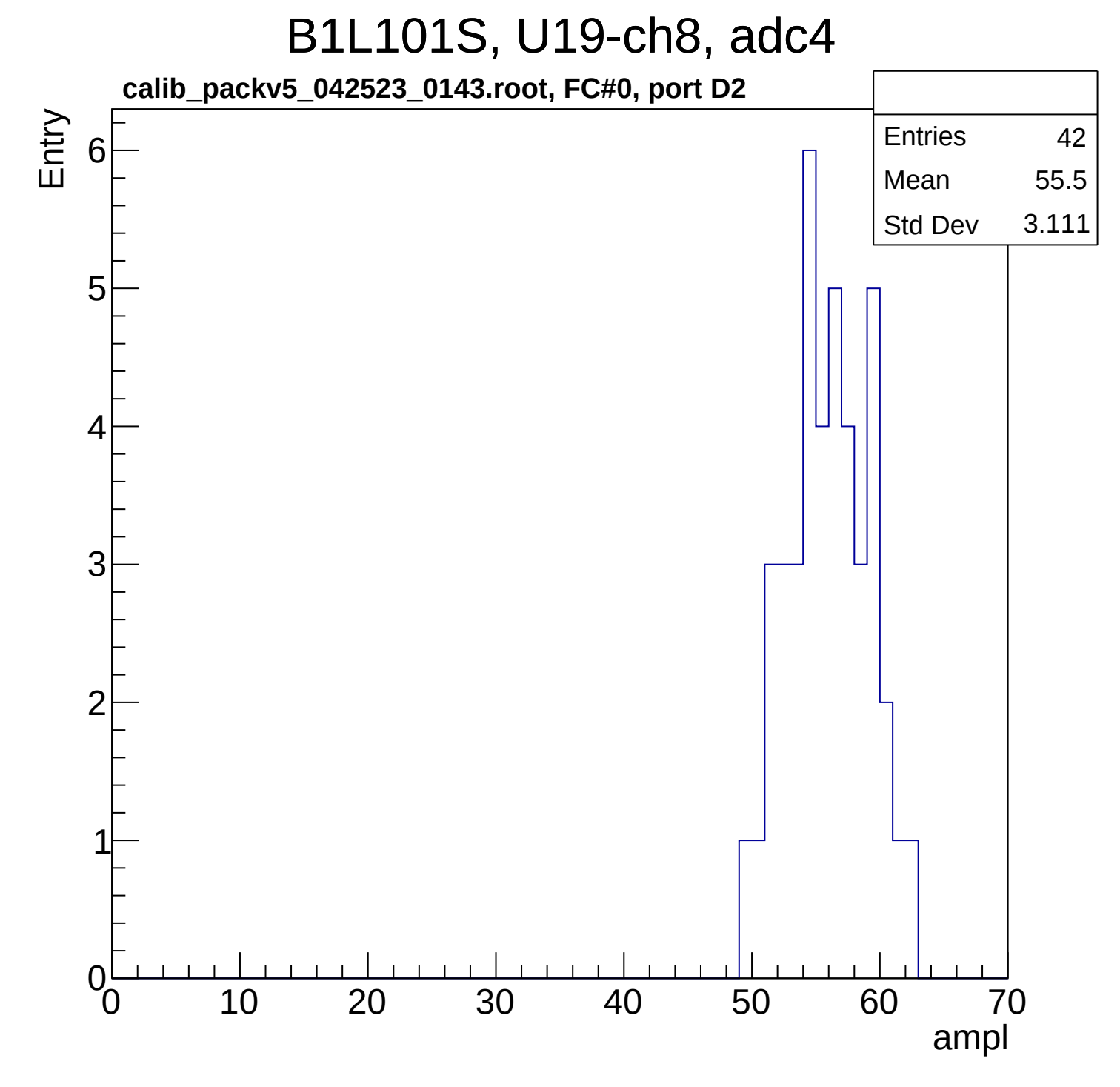
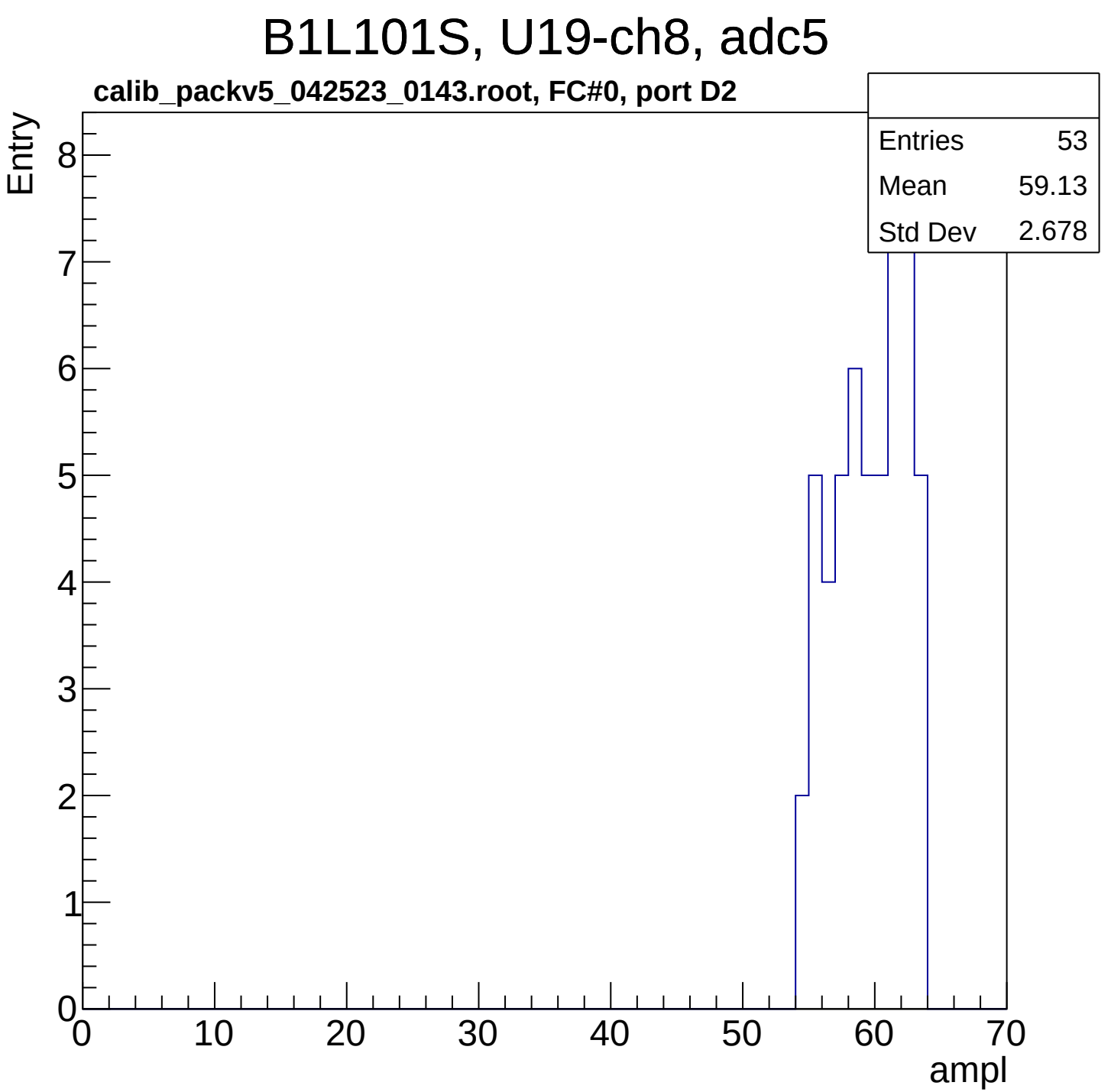
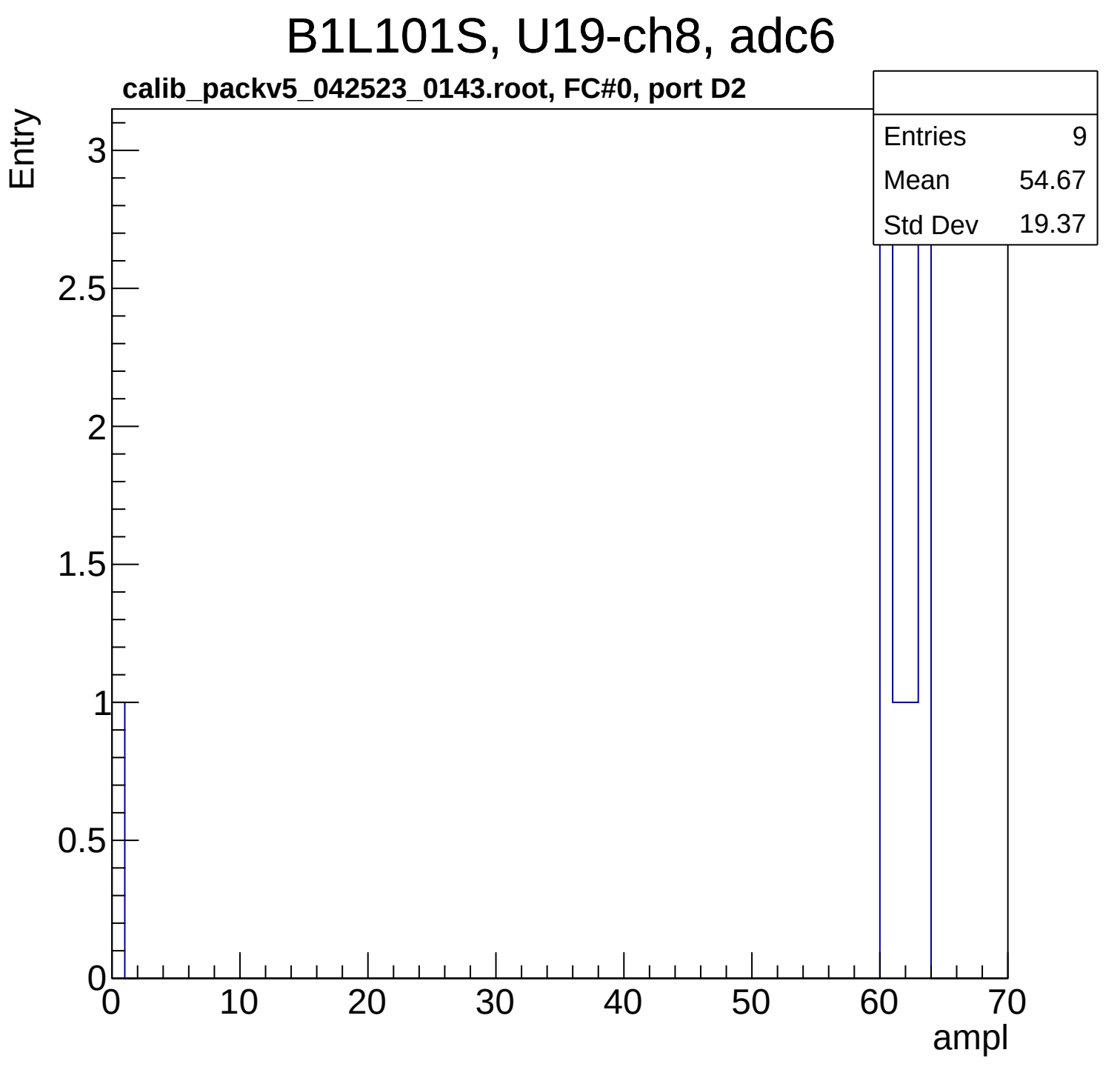

B1L101S, U19-ch8, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 49.54
Std Dev 3.36
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch8, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 55.5
Std Dev 3.111
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch8, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 59.13
Std Dev 2.678
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch8, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 54.67
Std Dev 19.37
Entry
ampl
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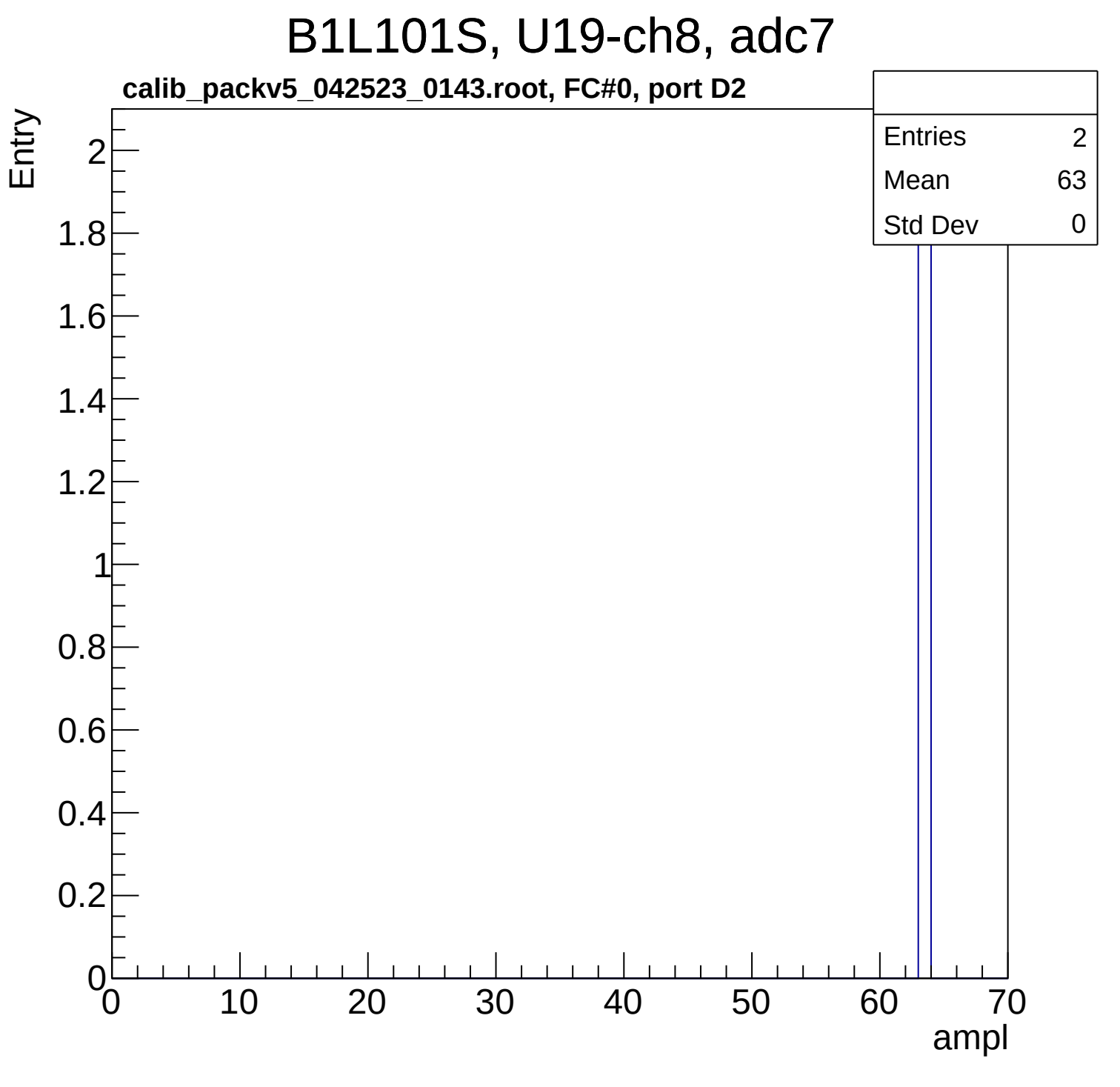
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch8, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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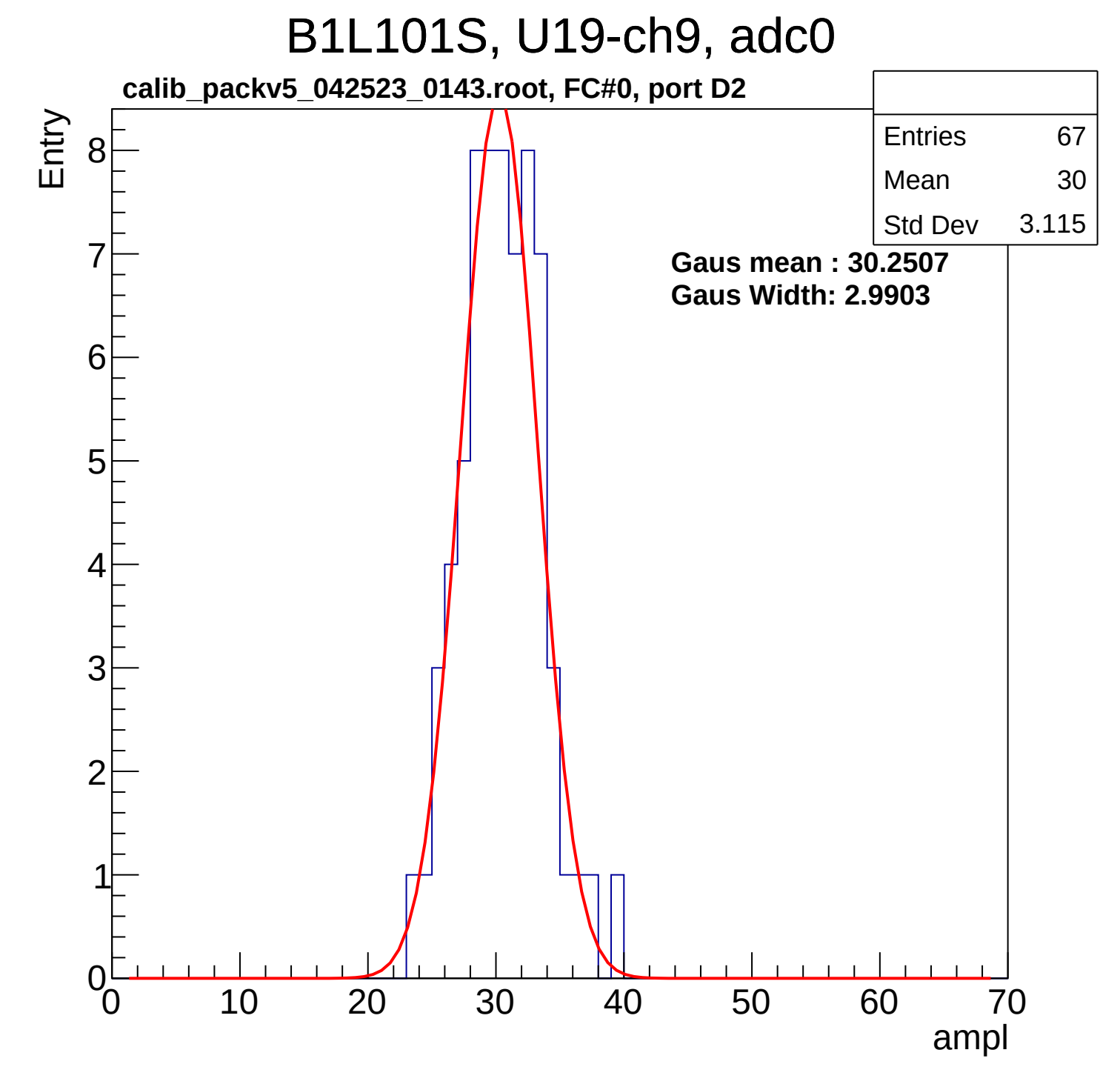
B1L101S, U19-ch9, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 30
Std Dev 3.115
Gaus mean : 30.2507
Gaus Width: 2.9903
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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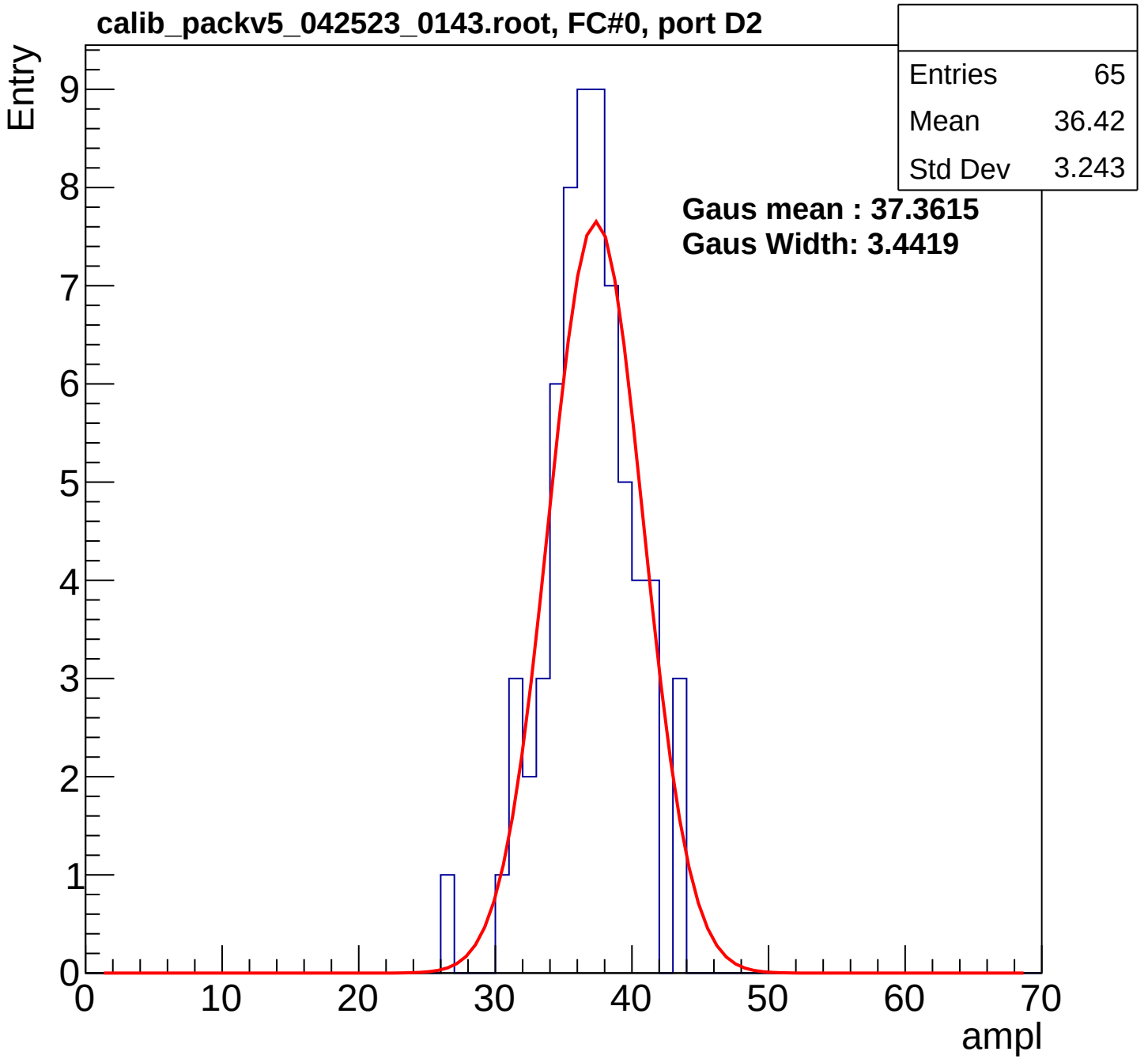
B1L101S, U19-ch9, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 36.42
Std Dev 3.243
Gaus mean : 37.3615
Gaus Width: 3.4419
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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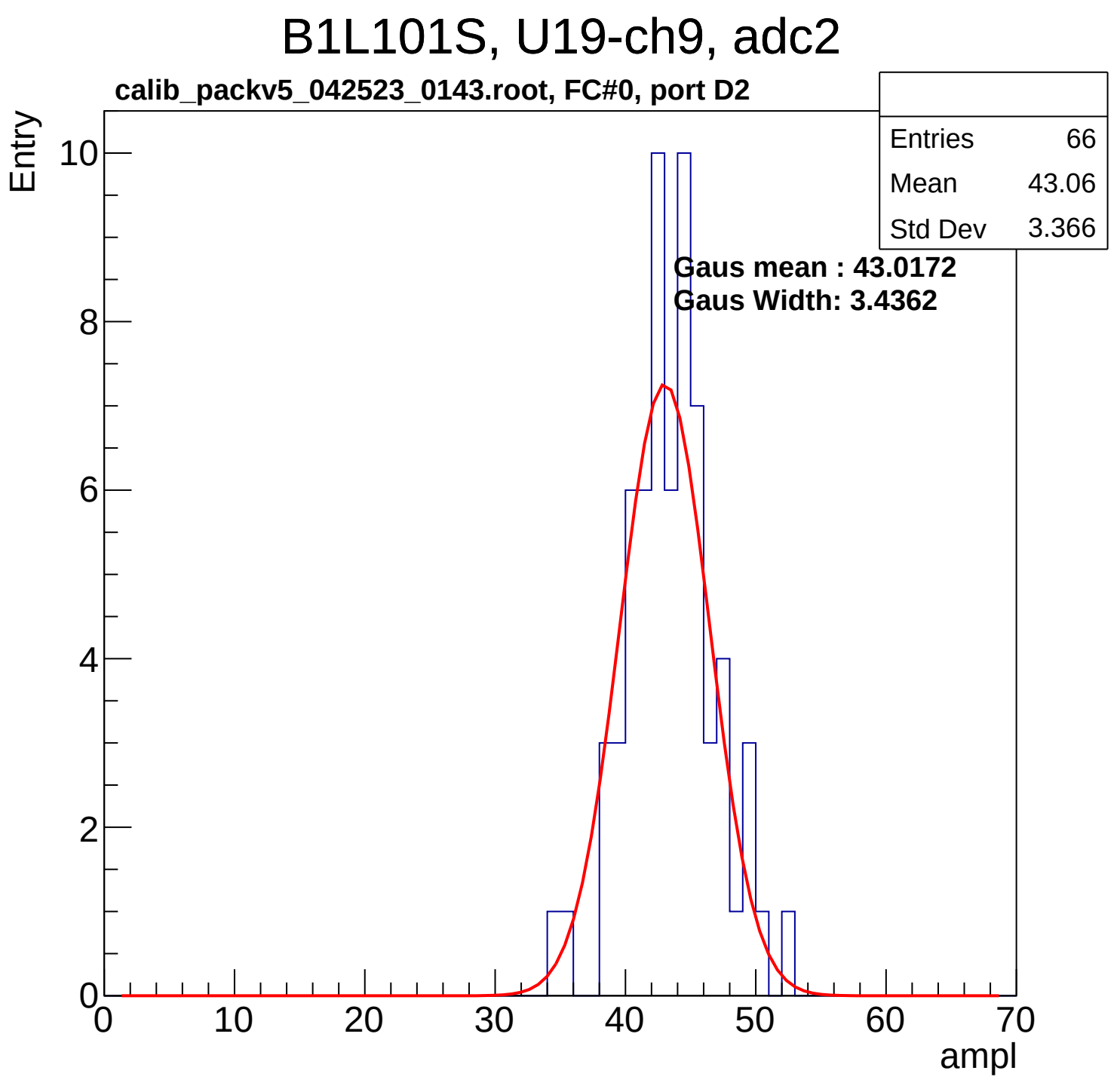
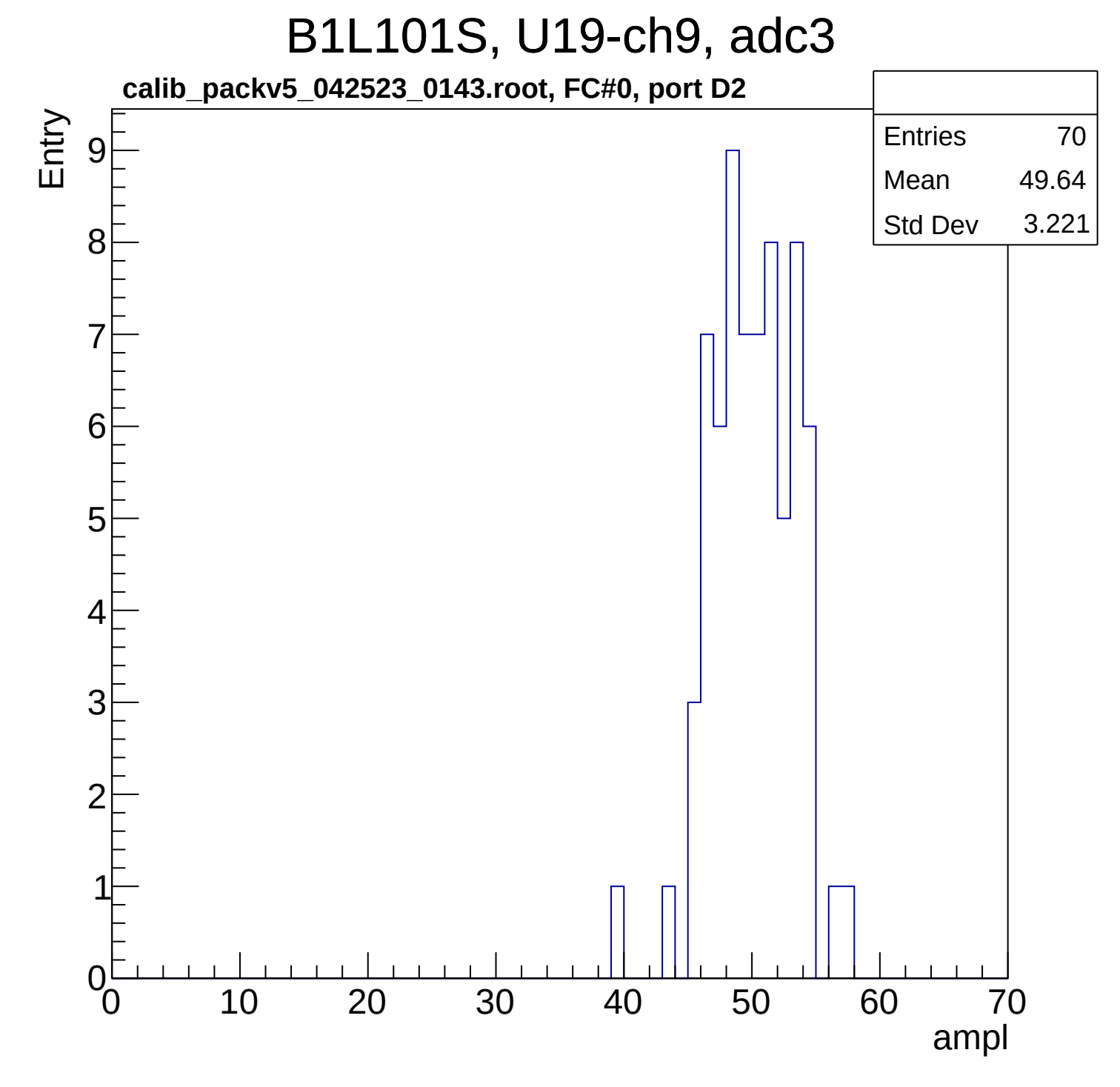

B1L101S, U19-ch9, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 43.06
Std Dev 3.366
Gaus mean : 43.0172
Gaus Width: 3.4362
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch9, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 49.64
Std Dev 3.221
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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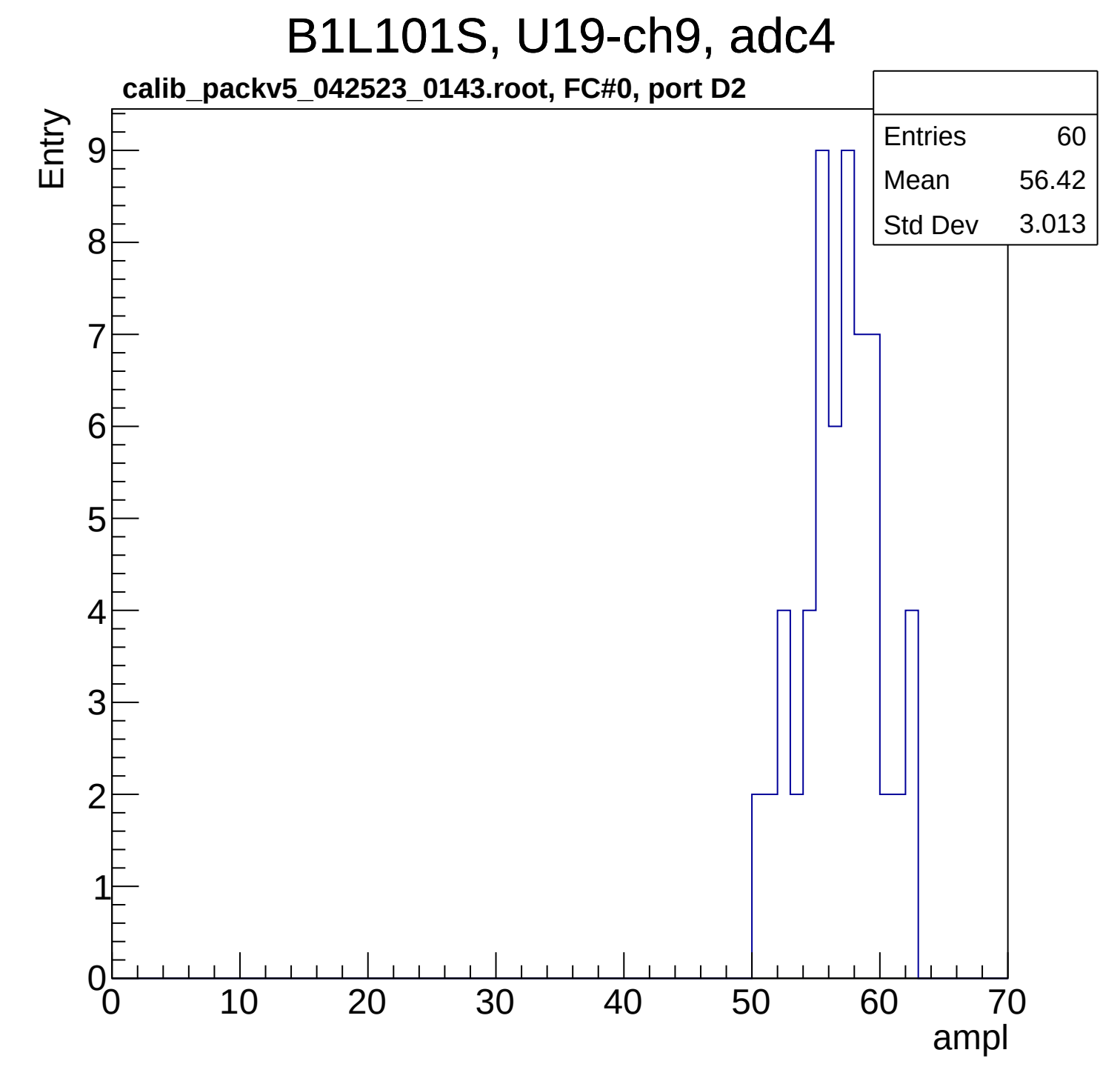
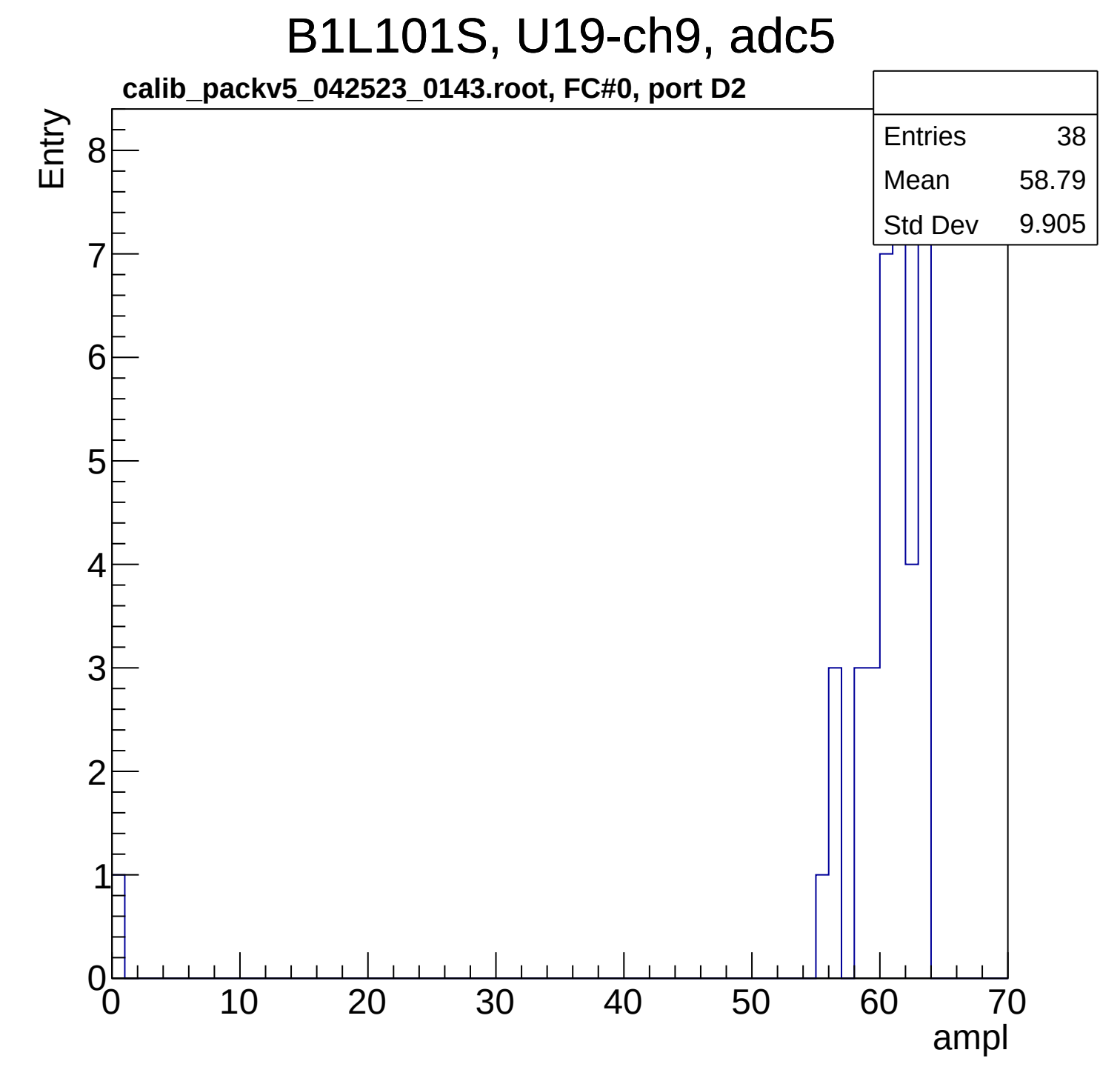
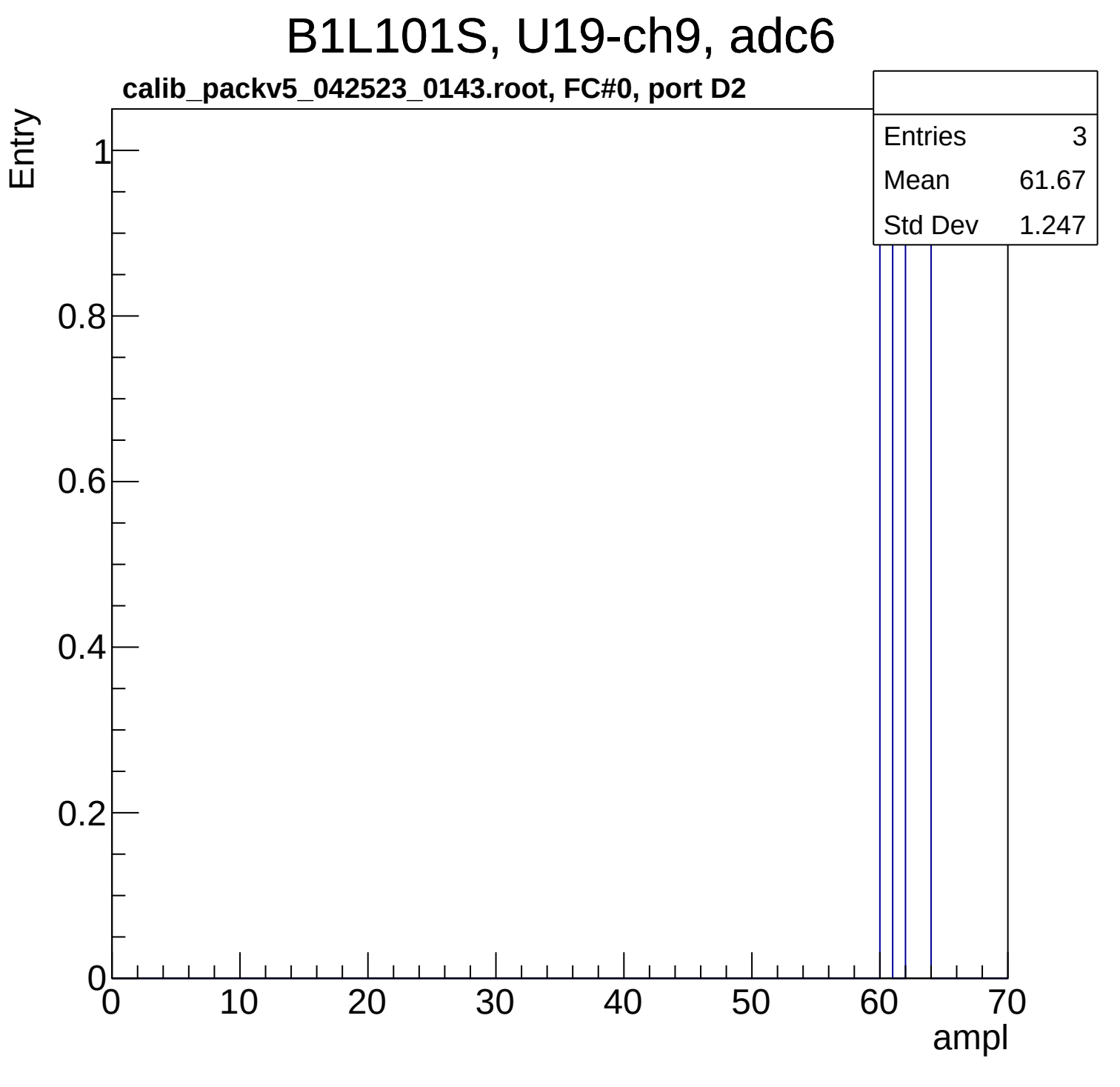

B1L101S, U19-ch9, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 56.42
Std Dev 3.013
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch9, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 58.79
Std Dev 9.905
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch9, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 61.67
Std Dev 1.247
Entry
1
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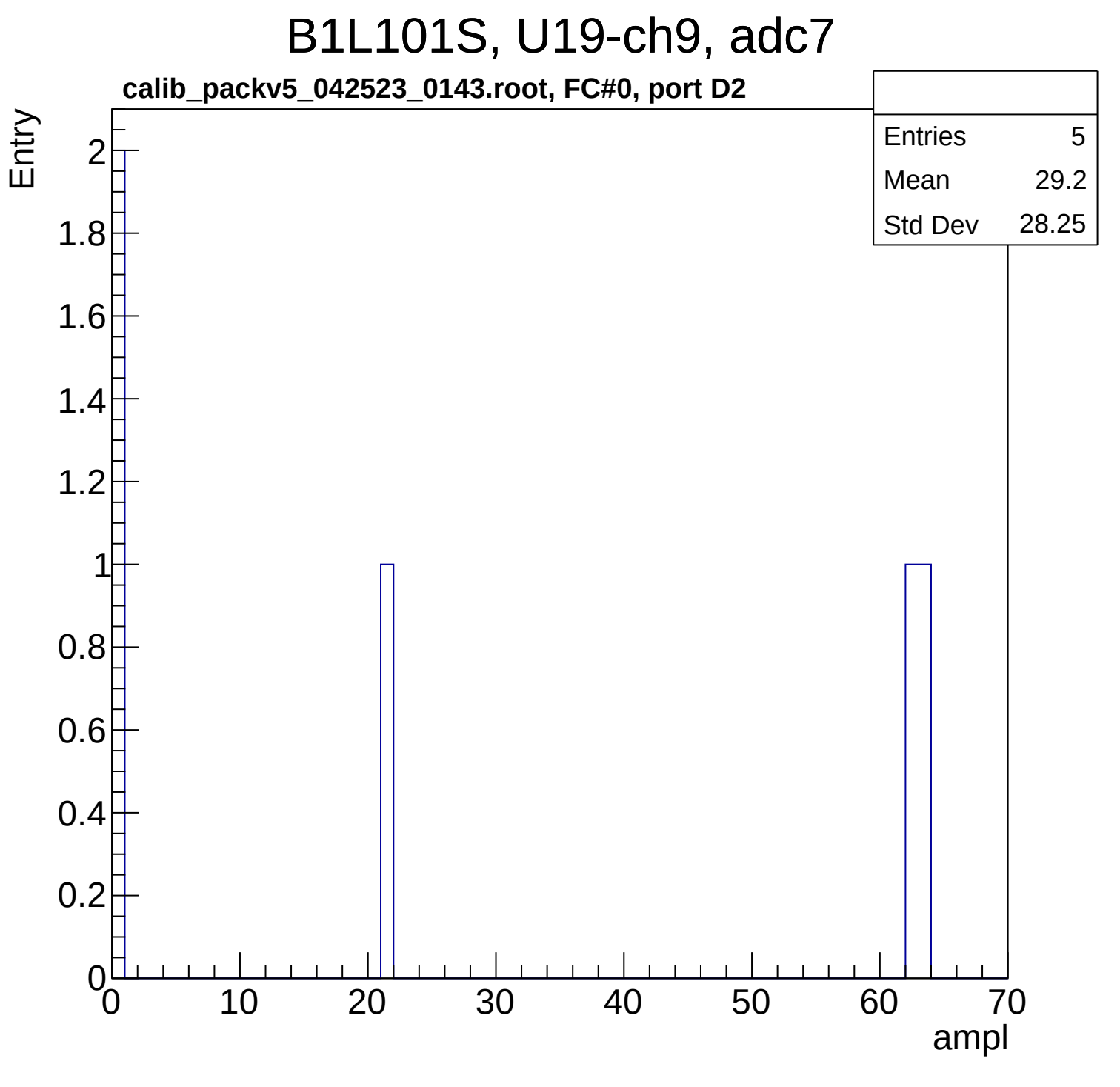
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch9, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 29.2
Std Dev 28.25
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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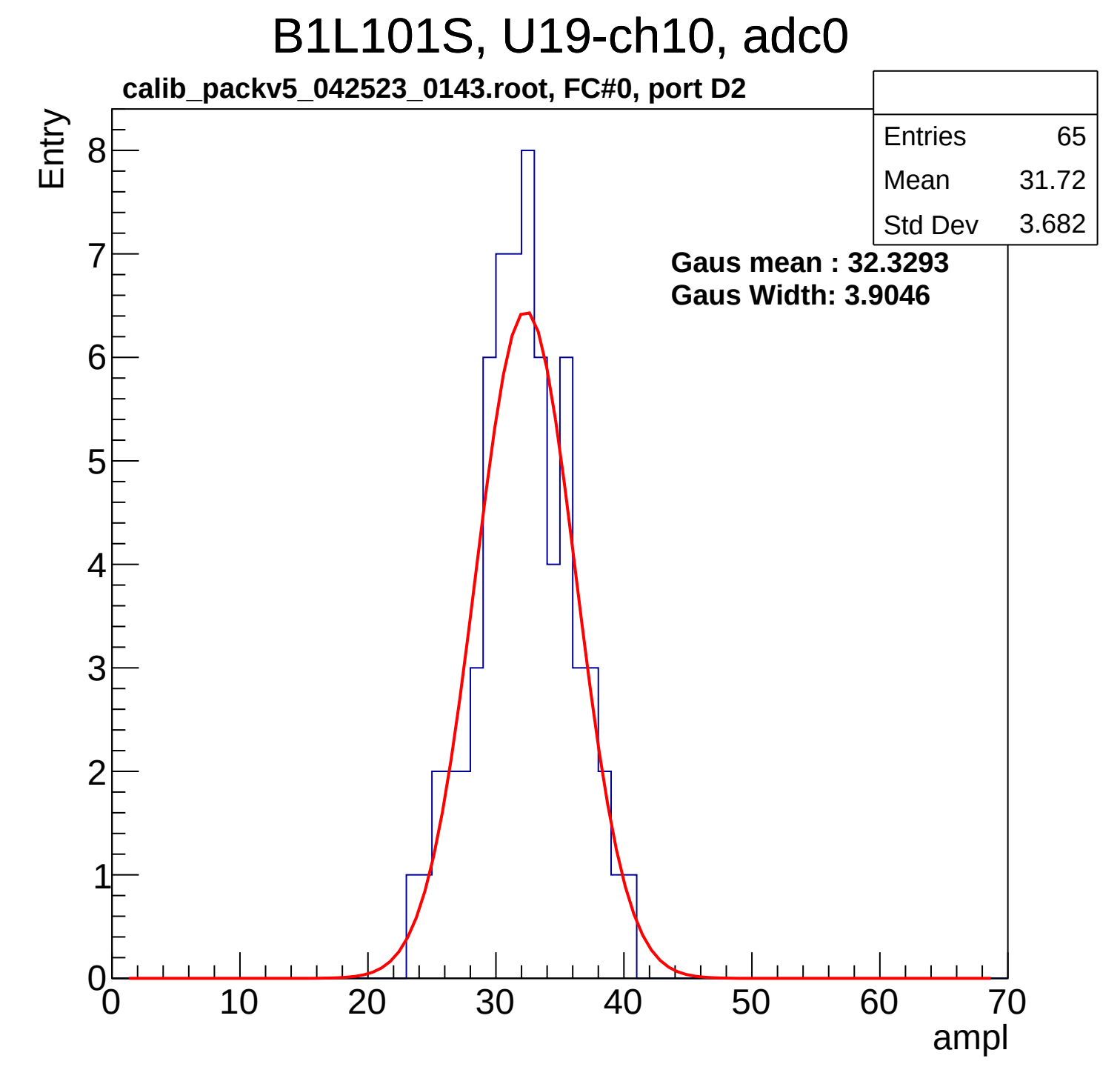
B1L101S, U19-ch10, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 31.72
Std Dev 3.682
Gaus mean : 32.3293
Gaus Width: 3.9046
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
30
40
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60
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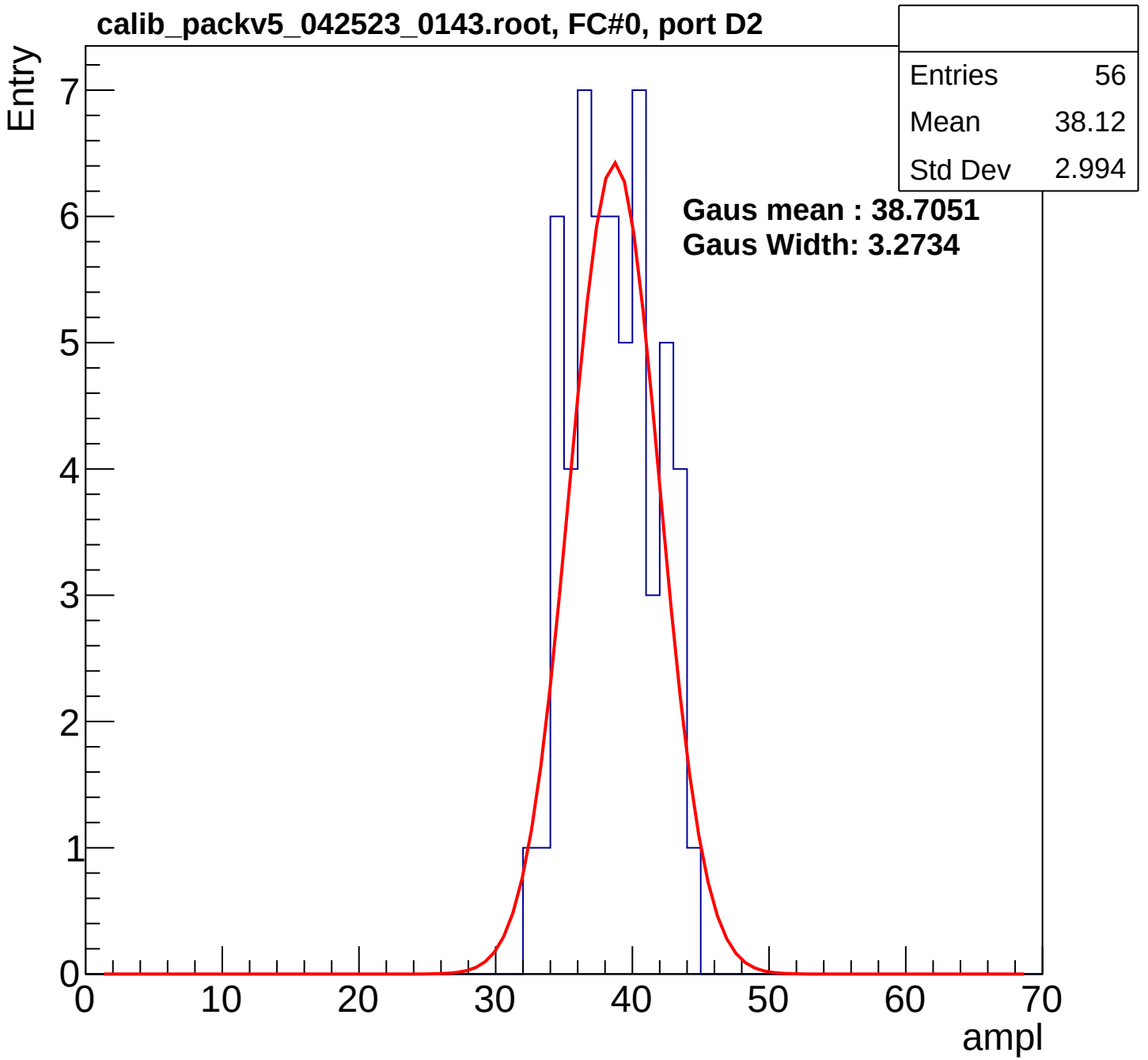
B1L101S, U19-ch10, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 38.12
Std Dev 2.994
Gaus mean : 38.7051
Gaus Width: 3.2734
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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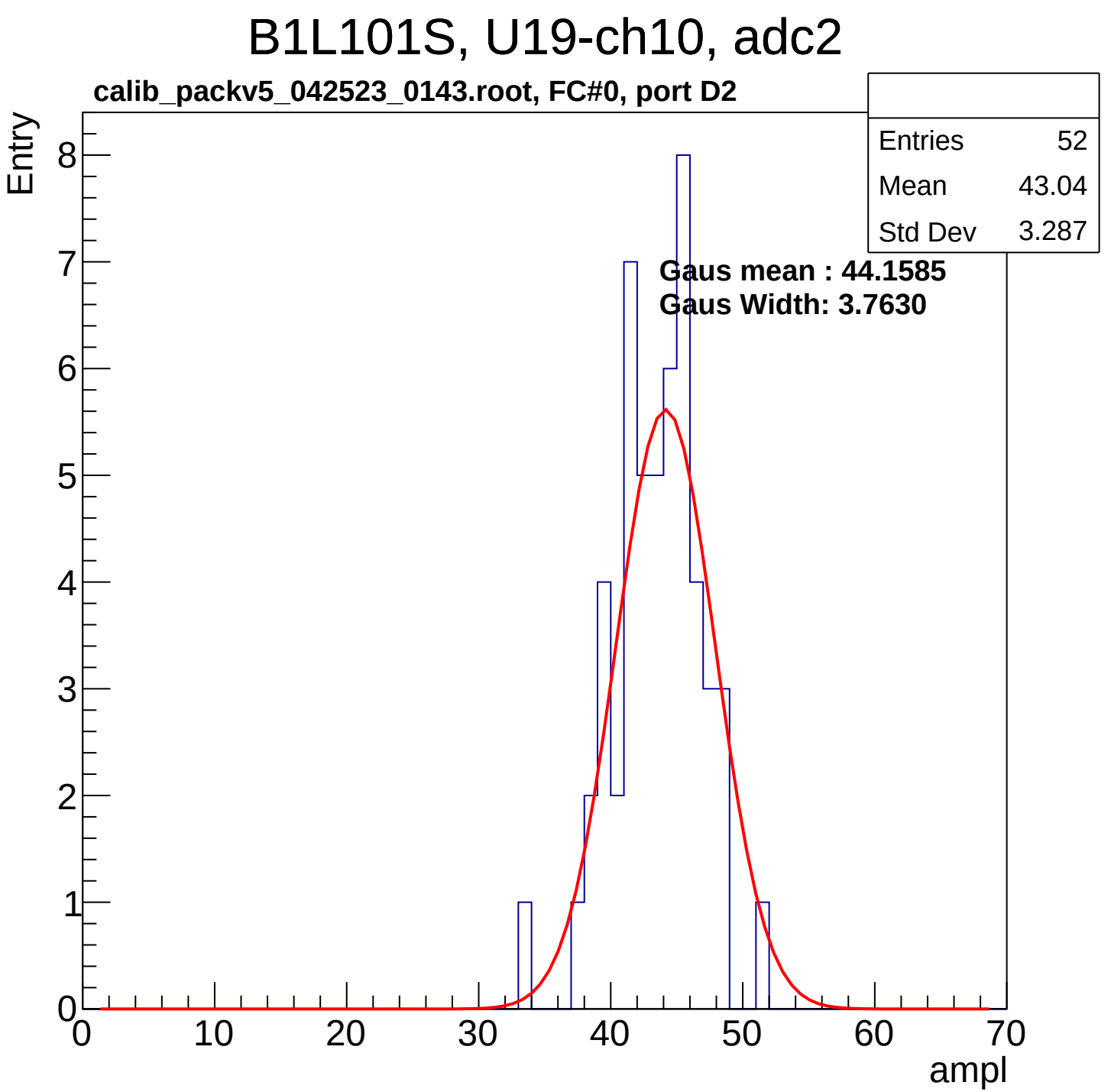
B1L101S, U19-ch10, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 43.04
Std Dev 3.287
Gaus mean : 44.1585
Gaus Width: 3.7630
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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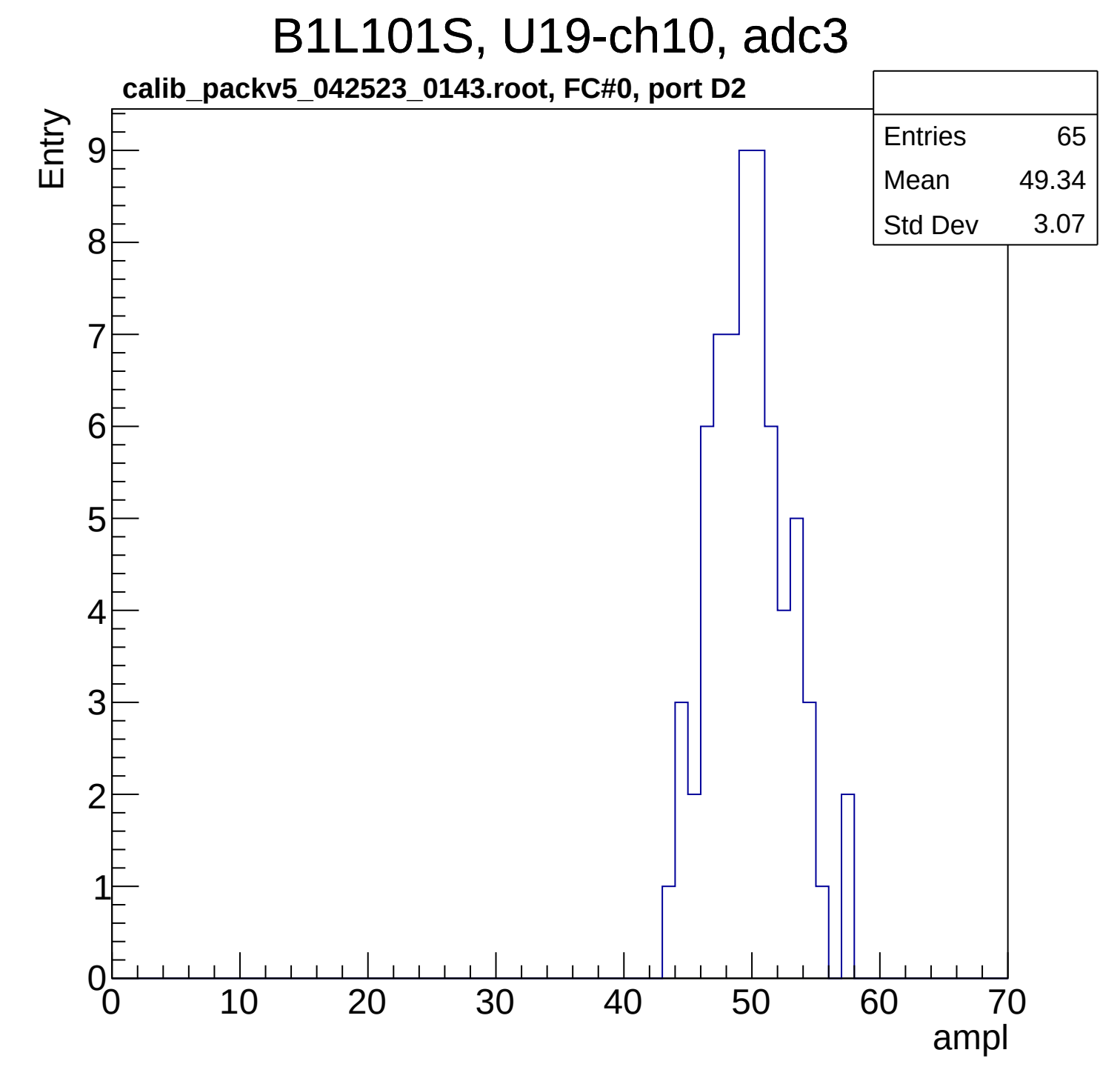
B1L101S, U19-ch10, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 49.34
Std Dev 3.07
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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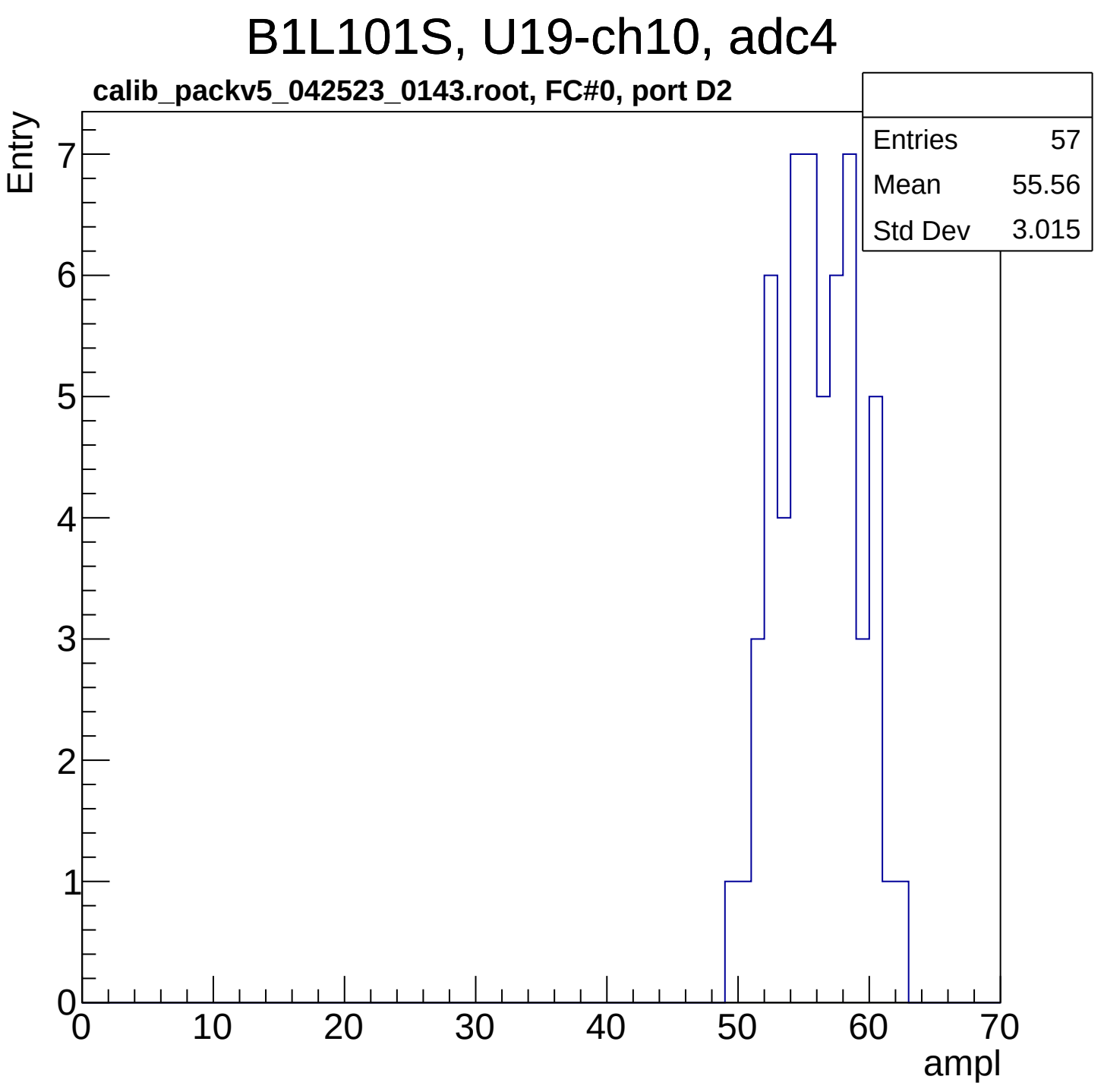
B1L101S, U19-ch10, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 55.56
Std Dev 3.015
Entry
ampl
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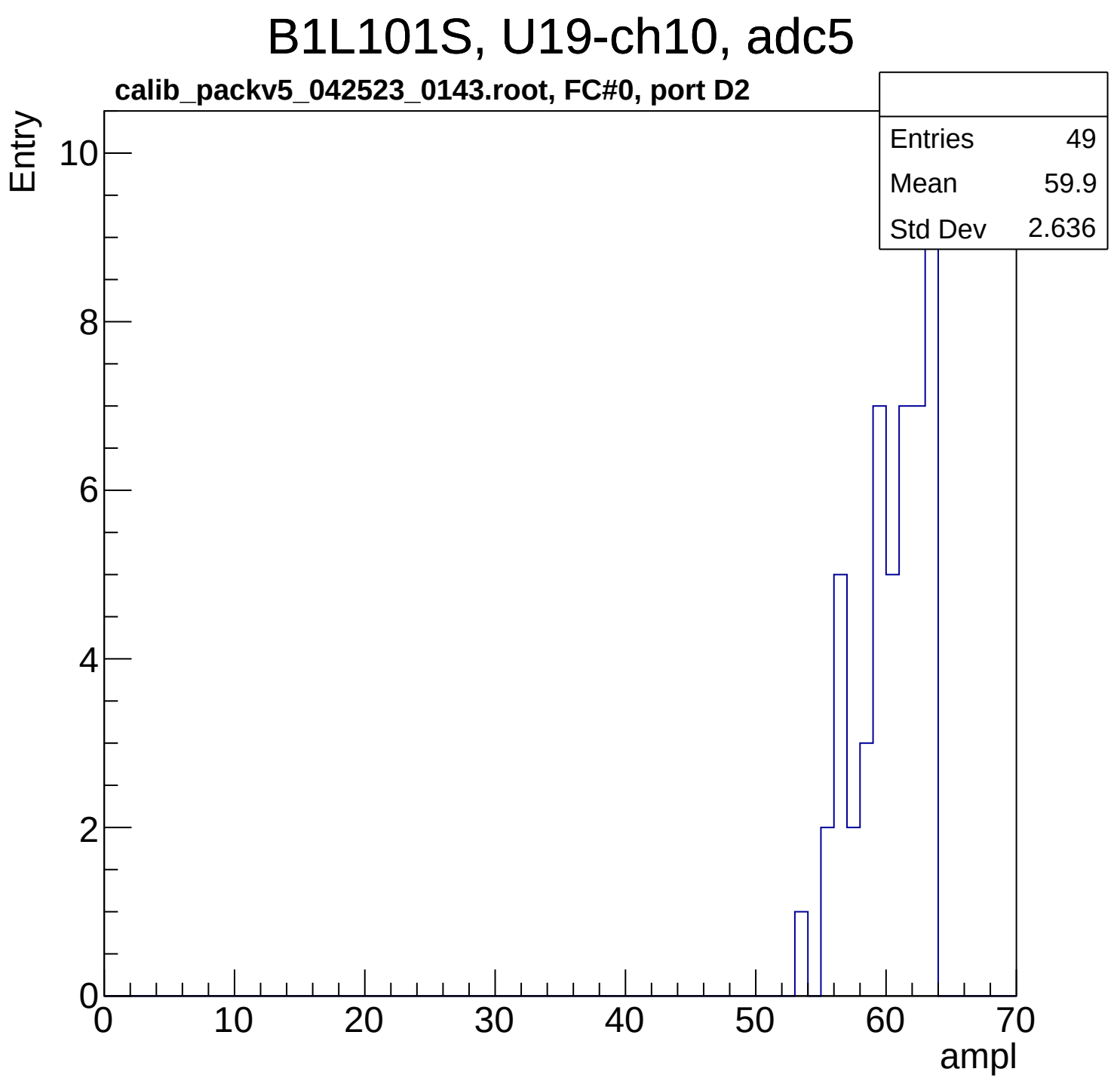
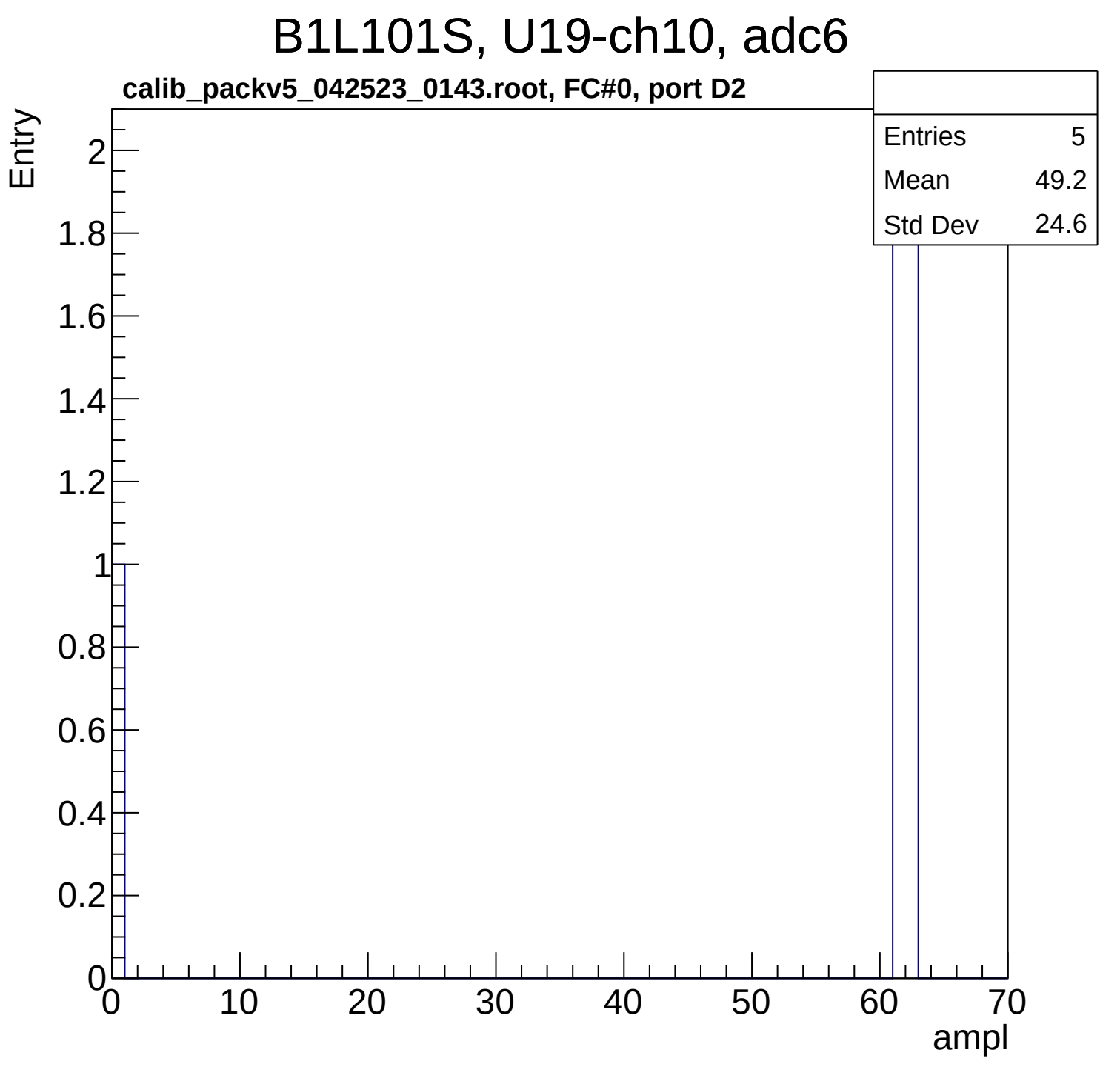
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch10, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 59.9
Std Dev 2.636
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch10, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 49.2
Std Dev 24.6
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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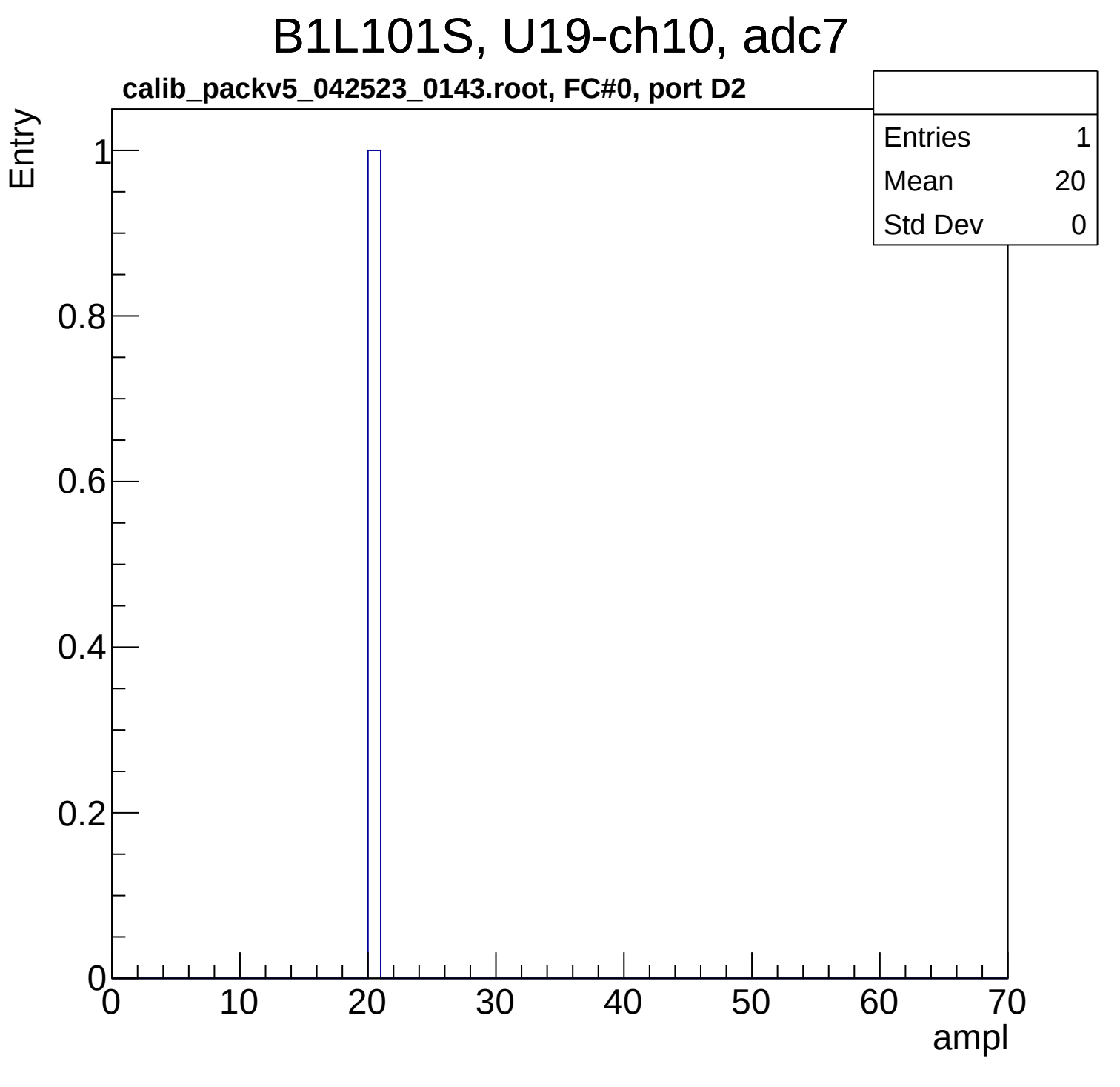
20
30
40
50
60
70


B1L101S, U19-ch10, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 20
Std Dev 0
Entry
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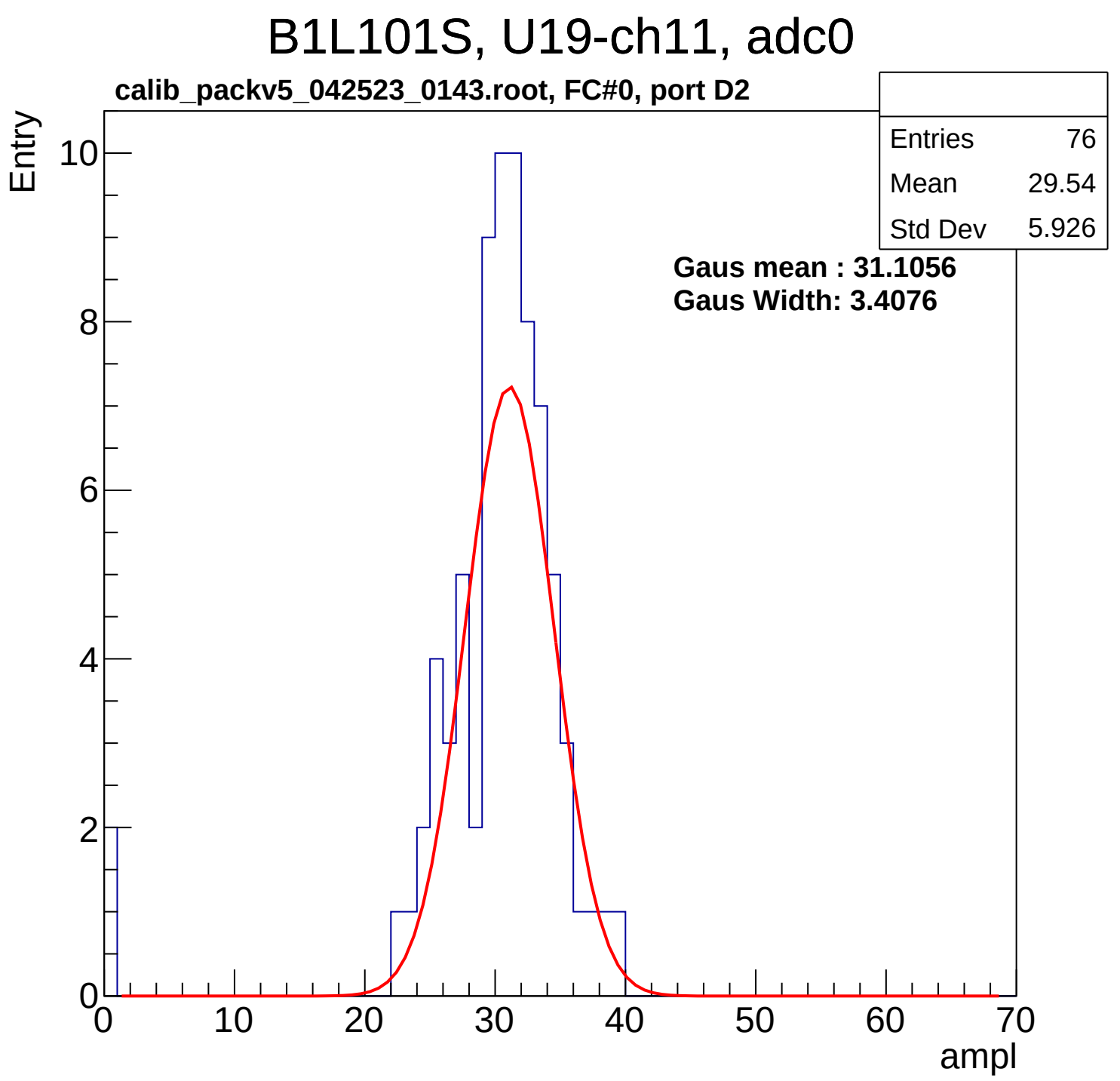
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch11, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 29.54
Std Dev 5.926
Gaus mean : 31.1056
Gaus Width: 3.4076
Entry
ampl
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2
4
6
8
10
0
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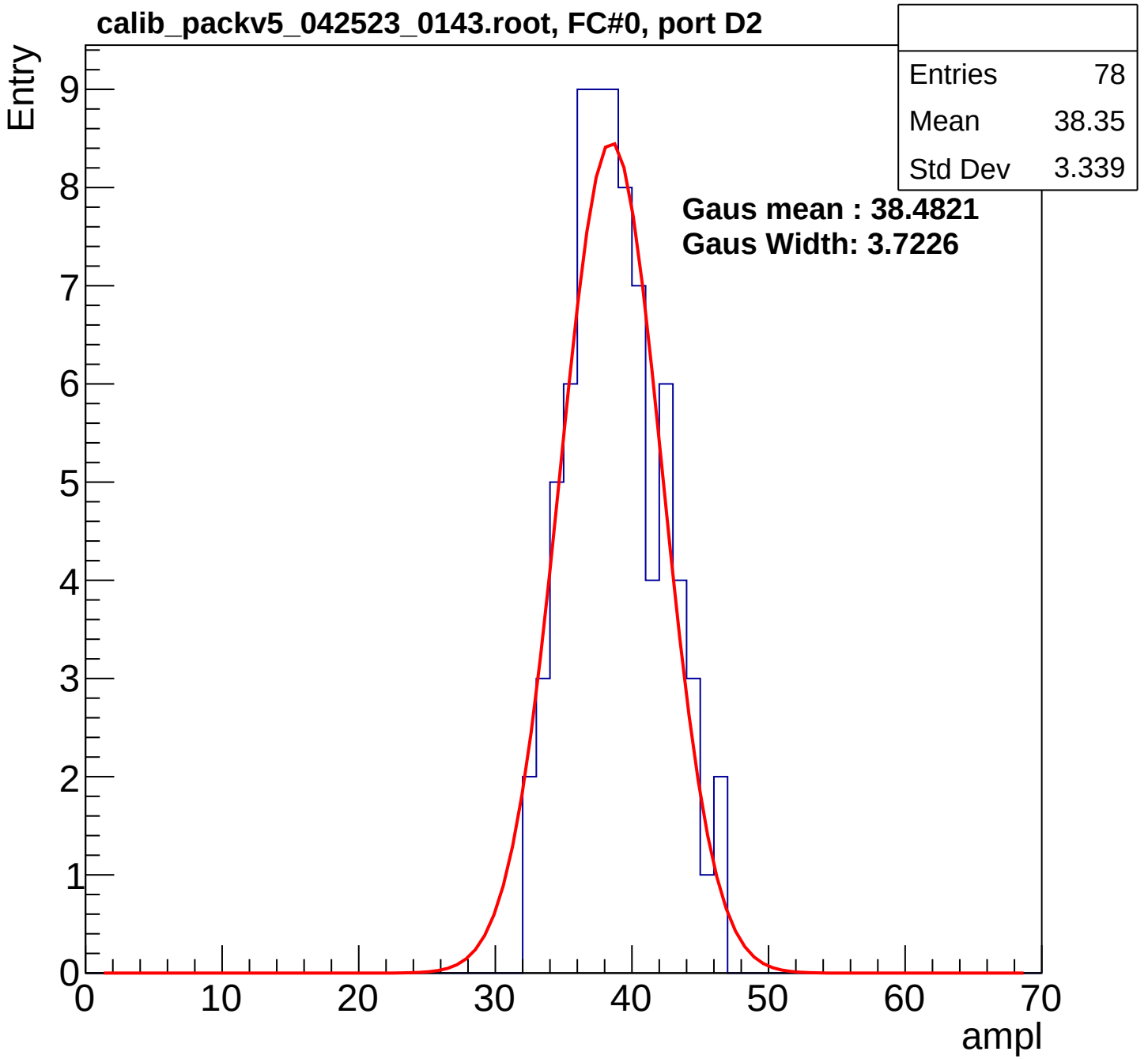
20
30
40
50
60
70


B1L101S, U19-ch11, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 38.35
Std Dev 3.339
Gaus mean : 38.4821
Gaus Width: 3.7226
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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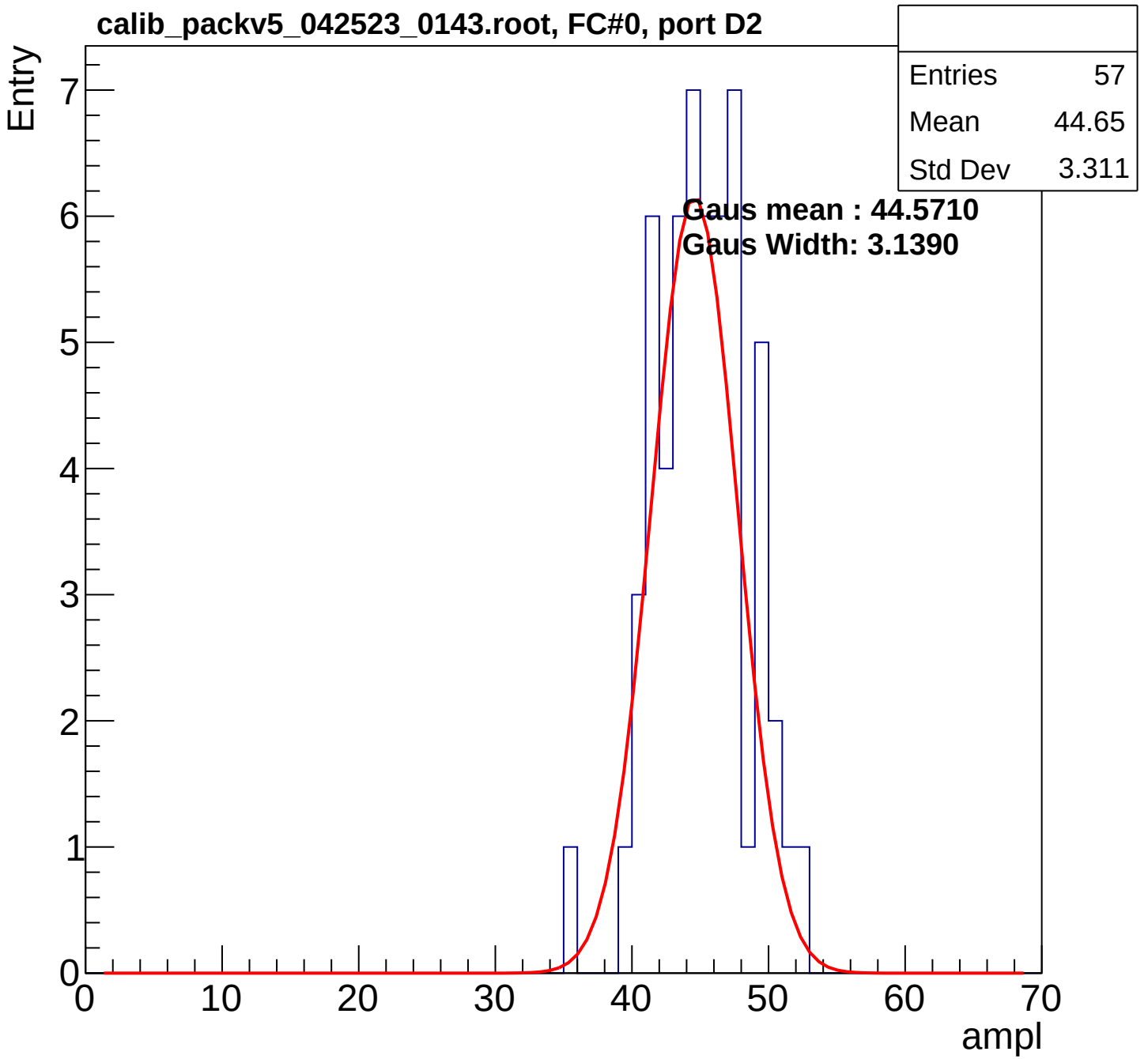
B1L101S, U19-ch11, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 44.65
Std Dev 3.311
Gaus mean : 44.5710
Gaus Width: 3.1390
Entry
ampl
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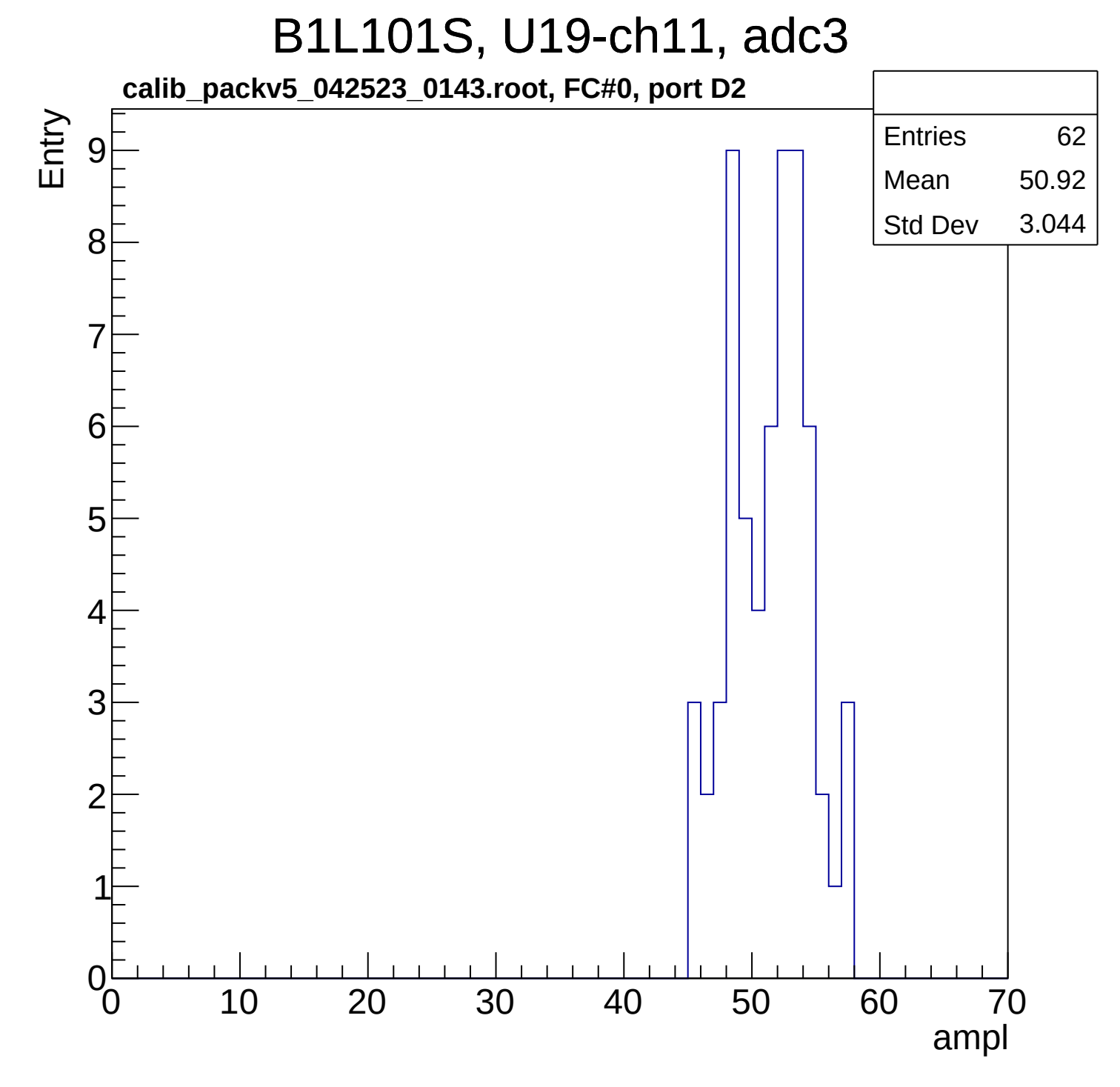
B1L101S, U19-ch11, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 50.92
Std Dev 3.044
Entry
ampl
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3
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0
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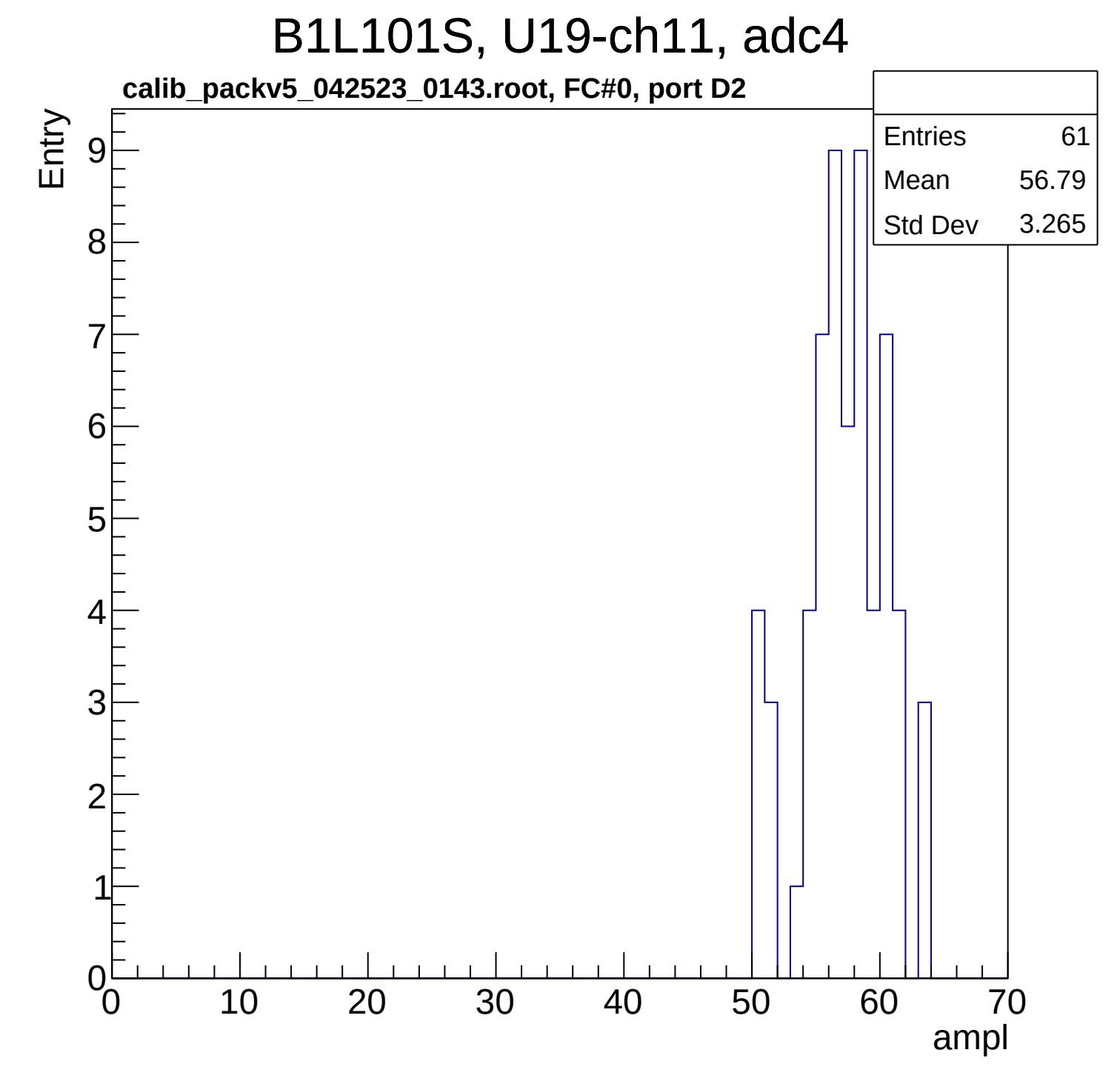
B1L101S, U19-ch11, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 56.79
Std Dev 3.265
Entry
ampl
0
1
2
3
4
5
6
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8
9
0
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20
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40
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60
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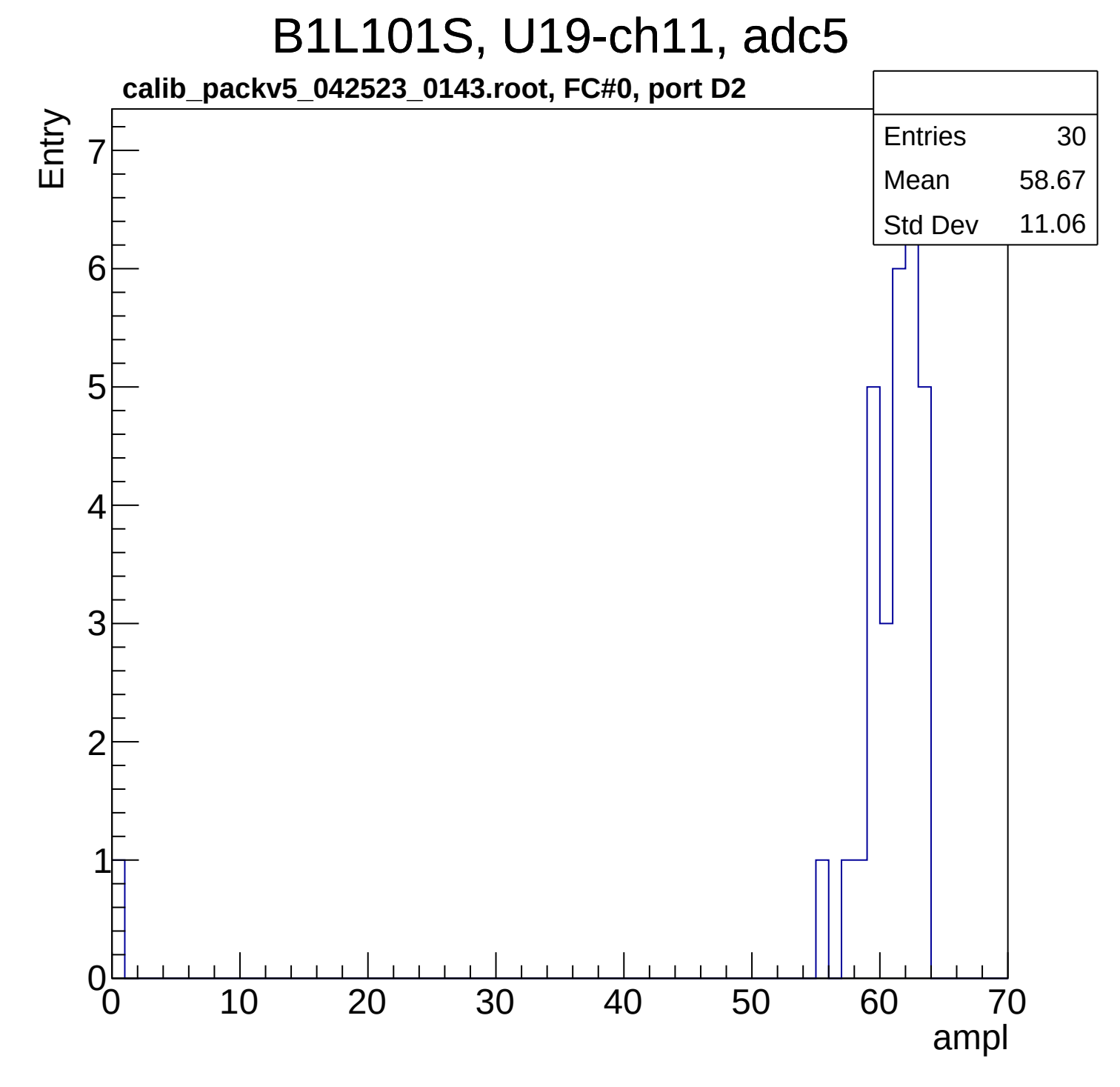
B1L101S, U19-ch11, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 58.67
Std Dev 11.06
Entry
ampl
0
1
2
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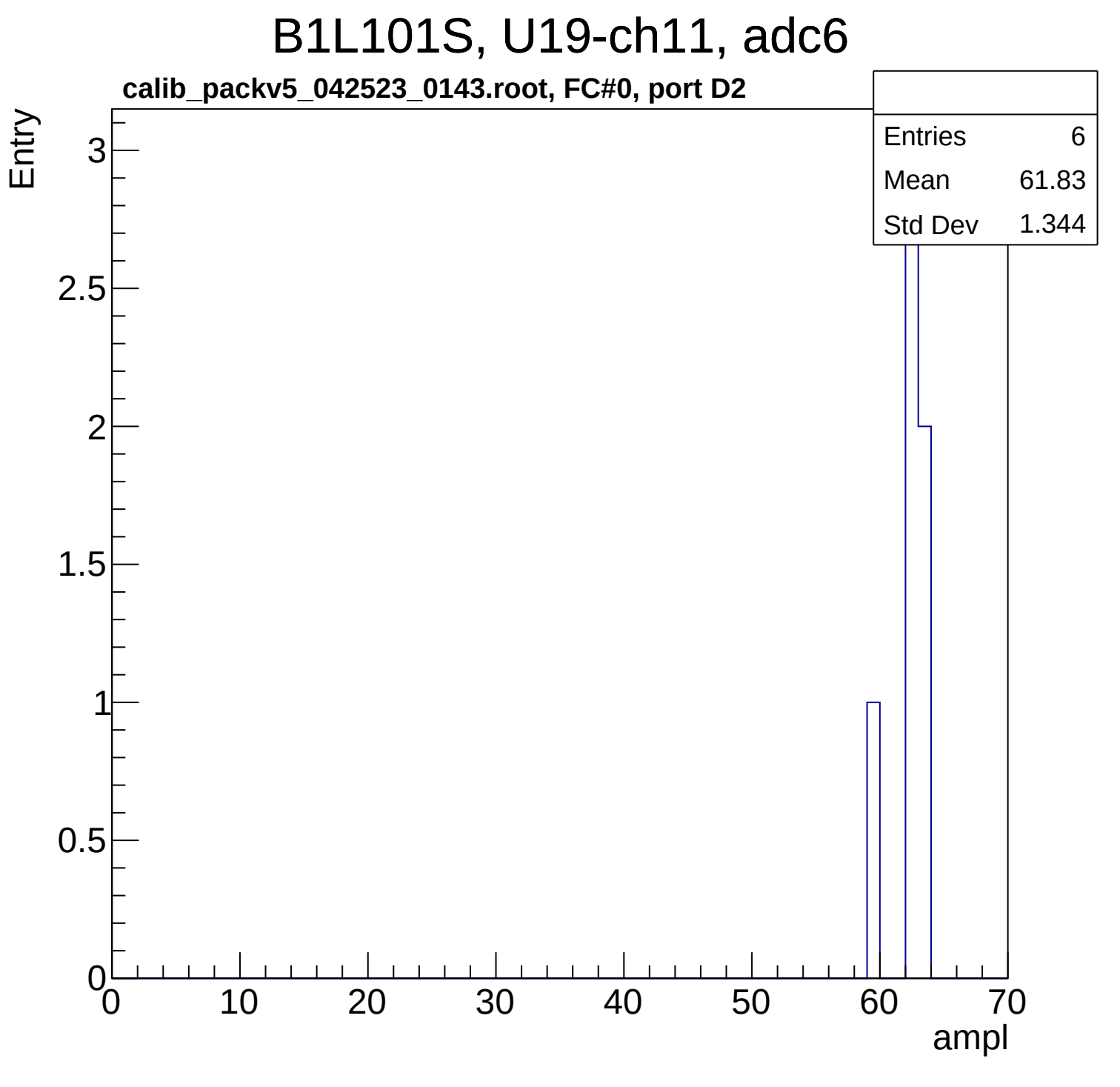
B1L101S, U19-ch11, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 61.83
Std Dev 1.344
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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40
50
60
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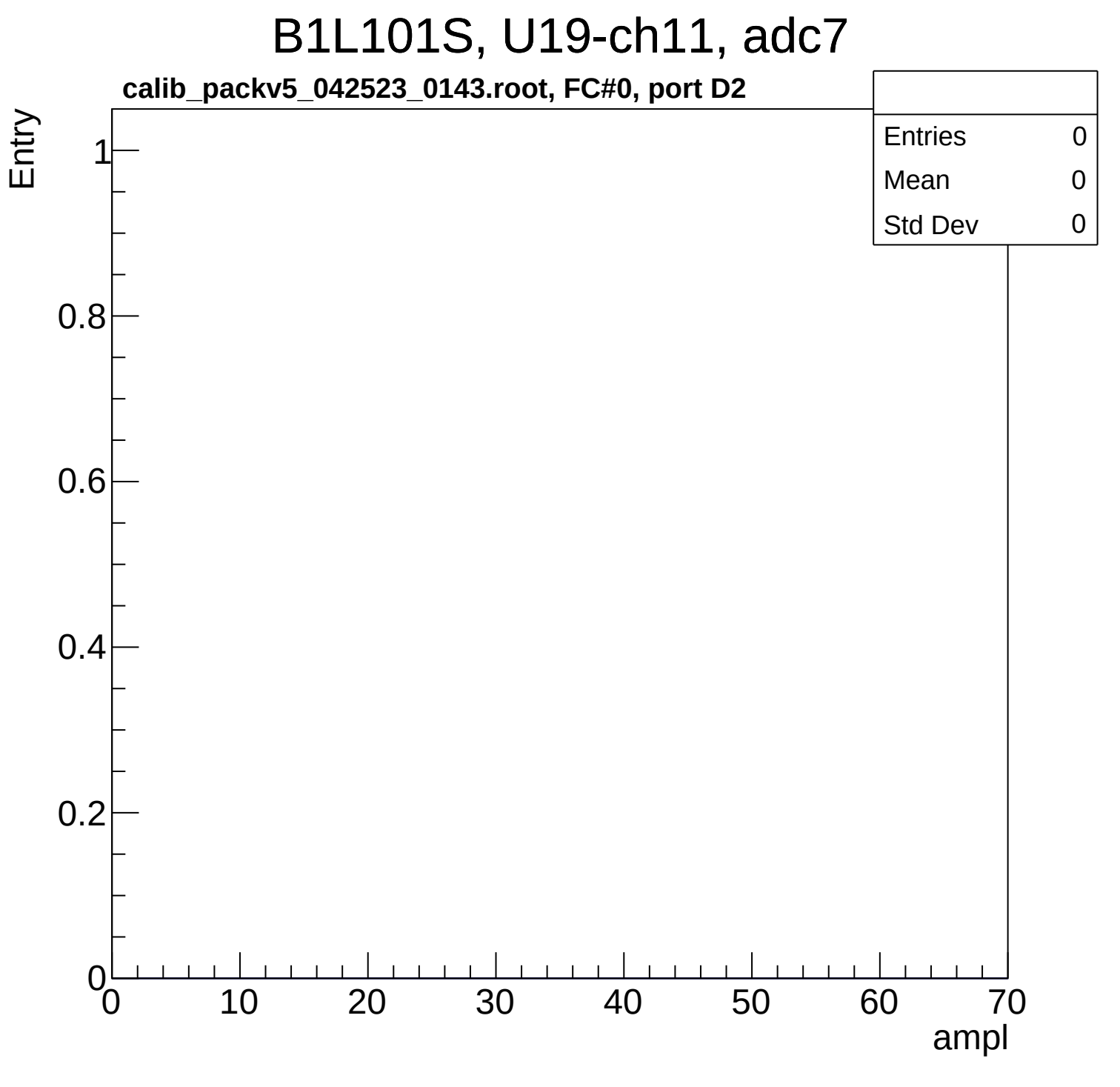
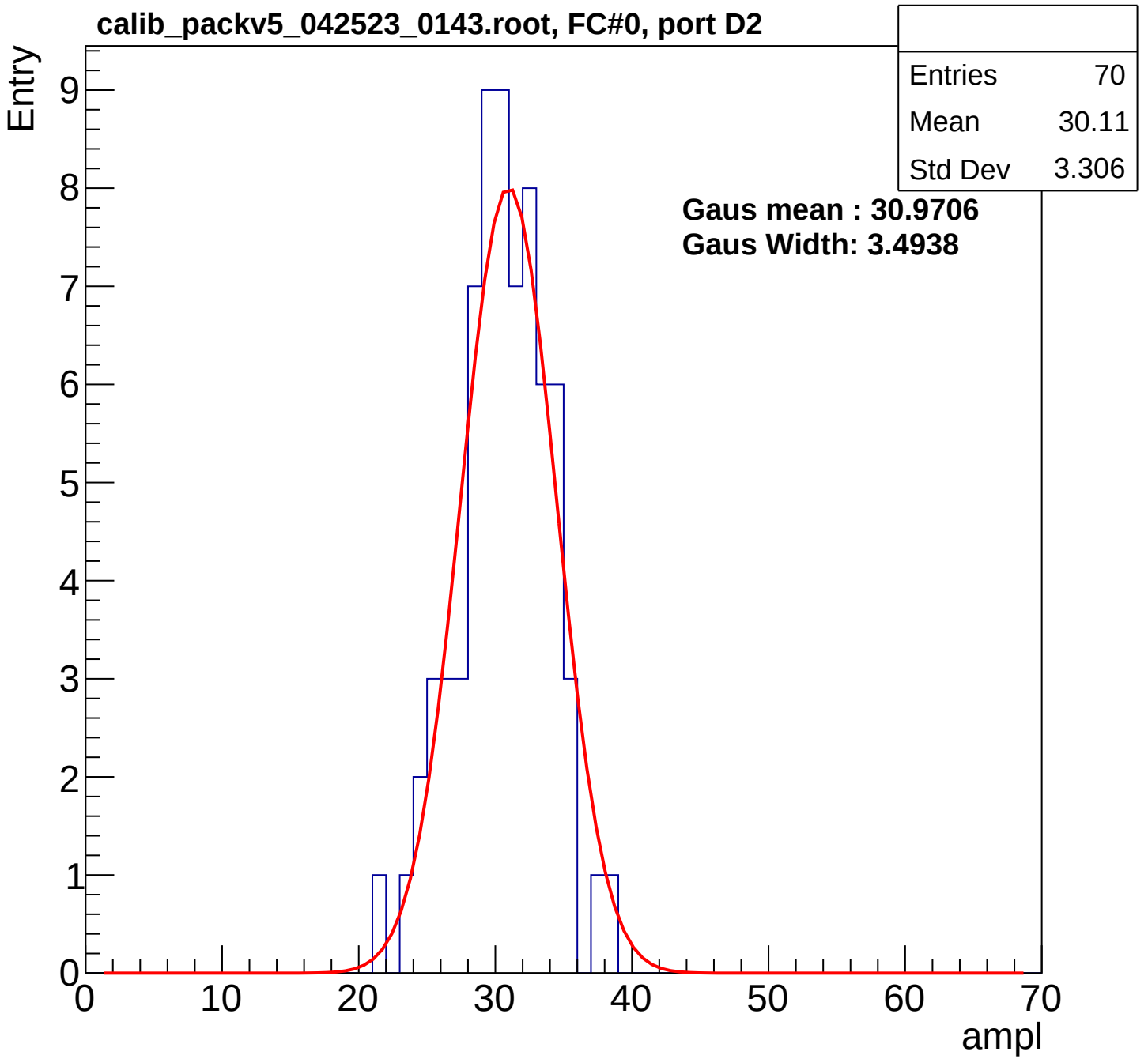

B1L101S, U19-ch11, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch12, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 30.11
Std Dev 3.306
Gaus mean : 30.9706
Gaus Width: 3.4938
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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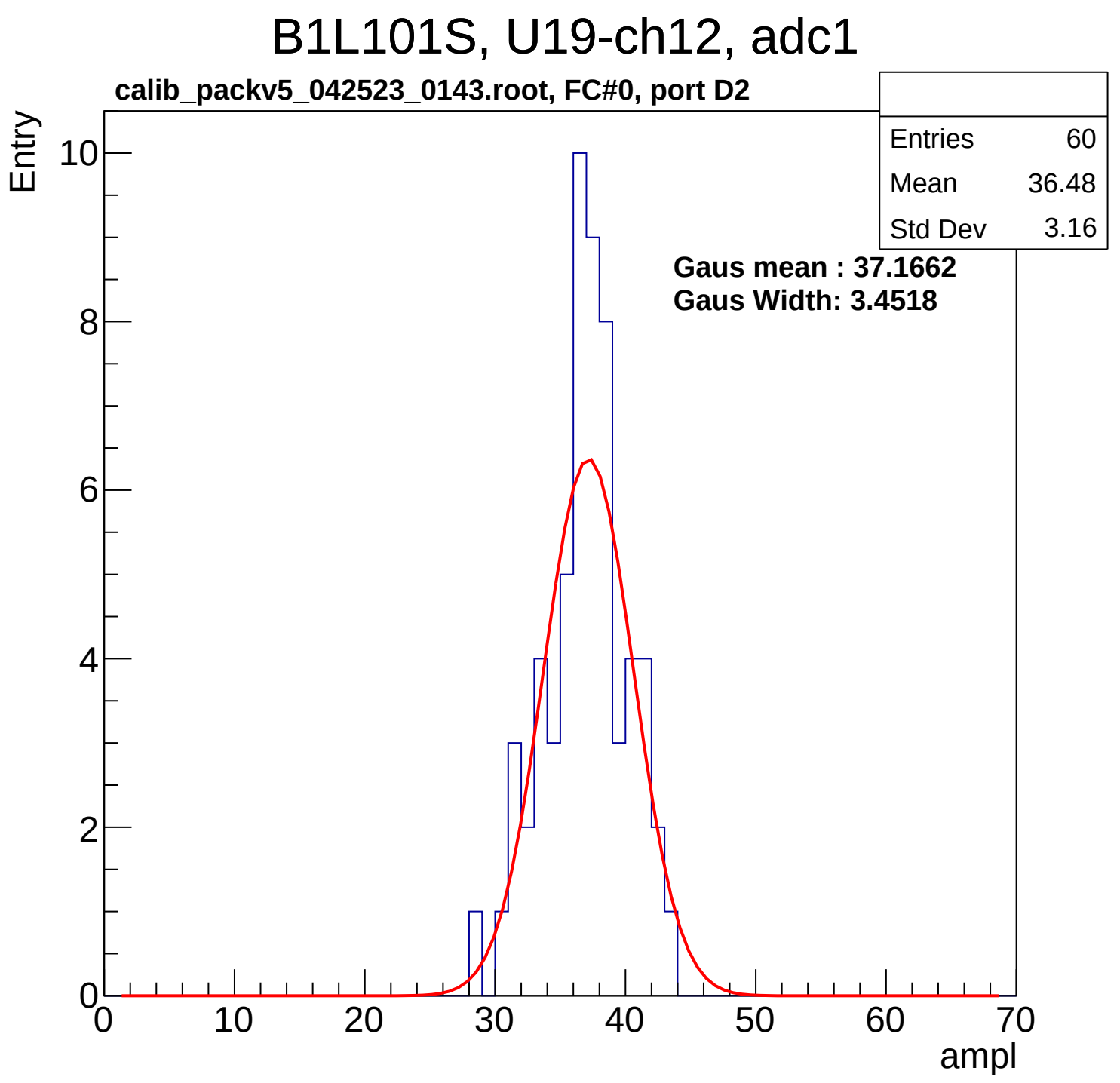
B1L101S, U19-ch12, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 36.48
Std Dev 3.16
Gaus mean : 37.1662
Gaus Width: 3.4518
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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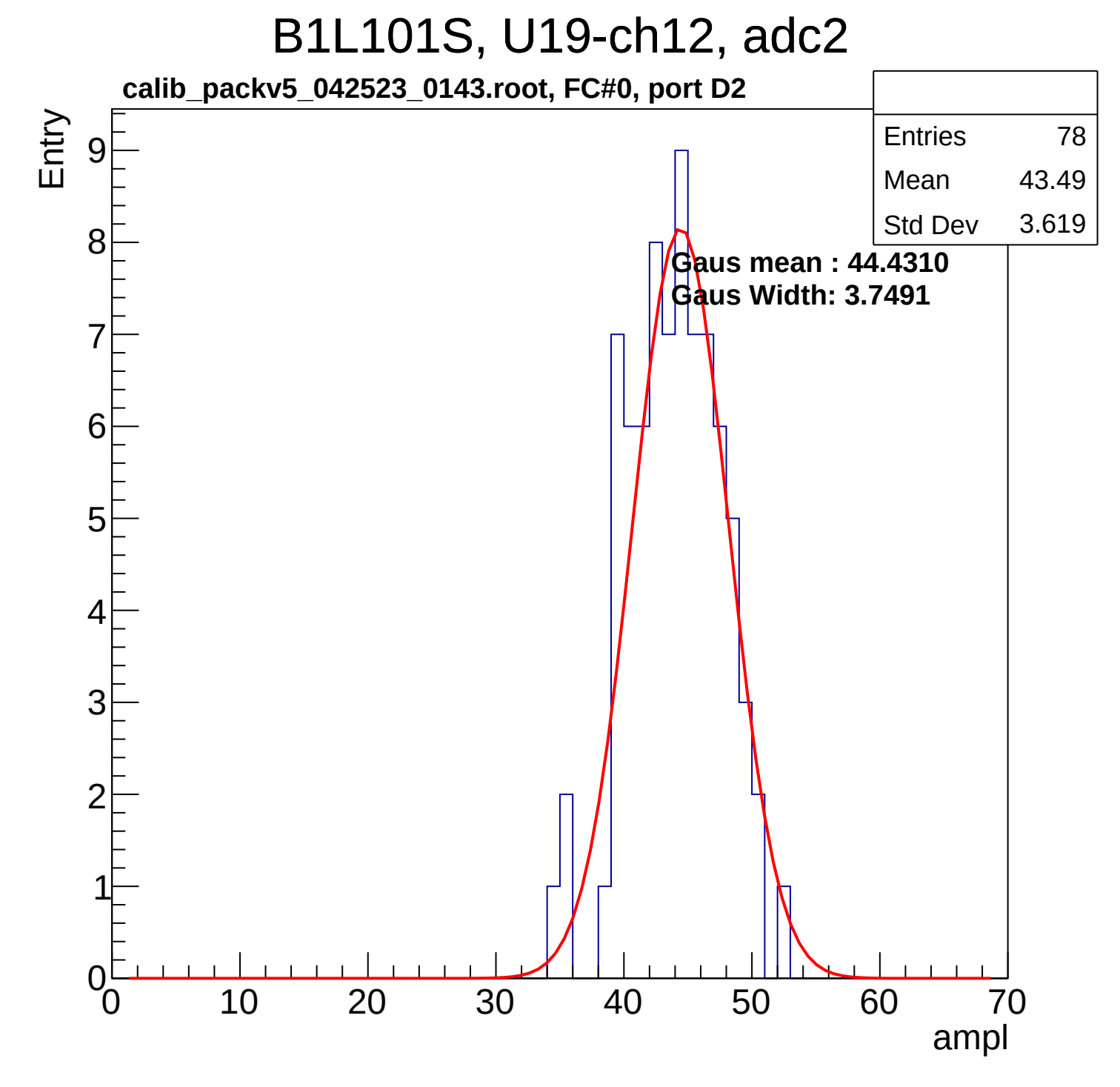
B1L101S, U19-ch12, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 43.49
Std Dev 3.619
Gaus mean : 44.4310
Gaus Width: 3.7491
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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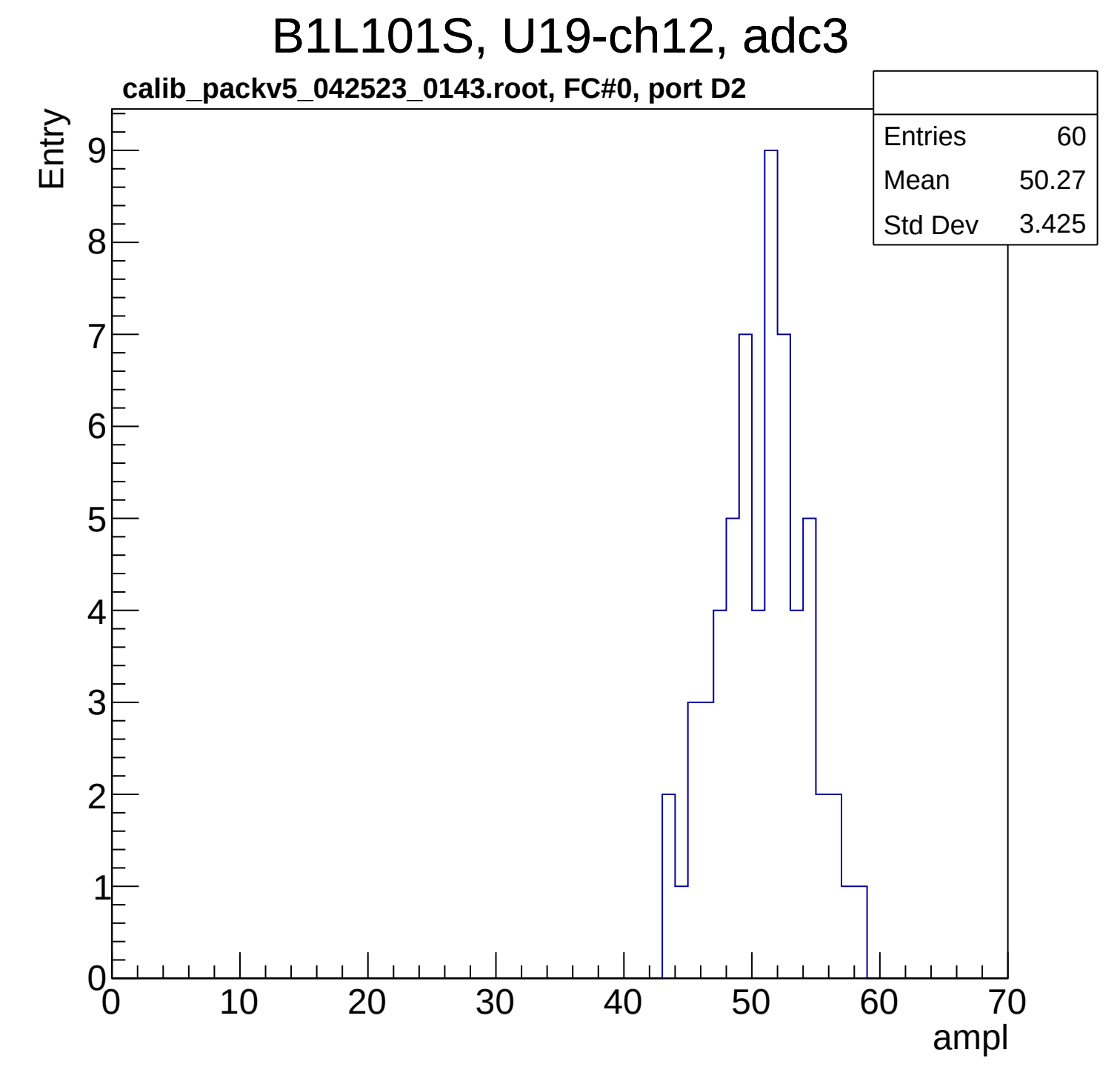
B1L101S, U19-ch12, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 50.27
Std Dev 3.425
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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40
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60
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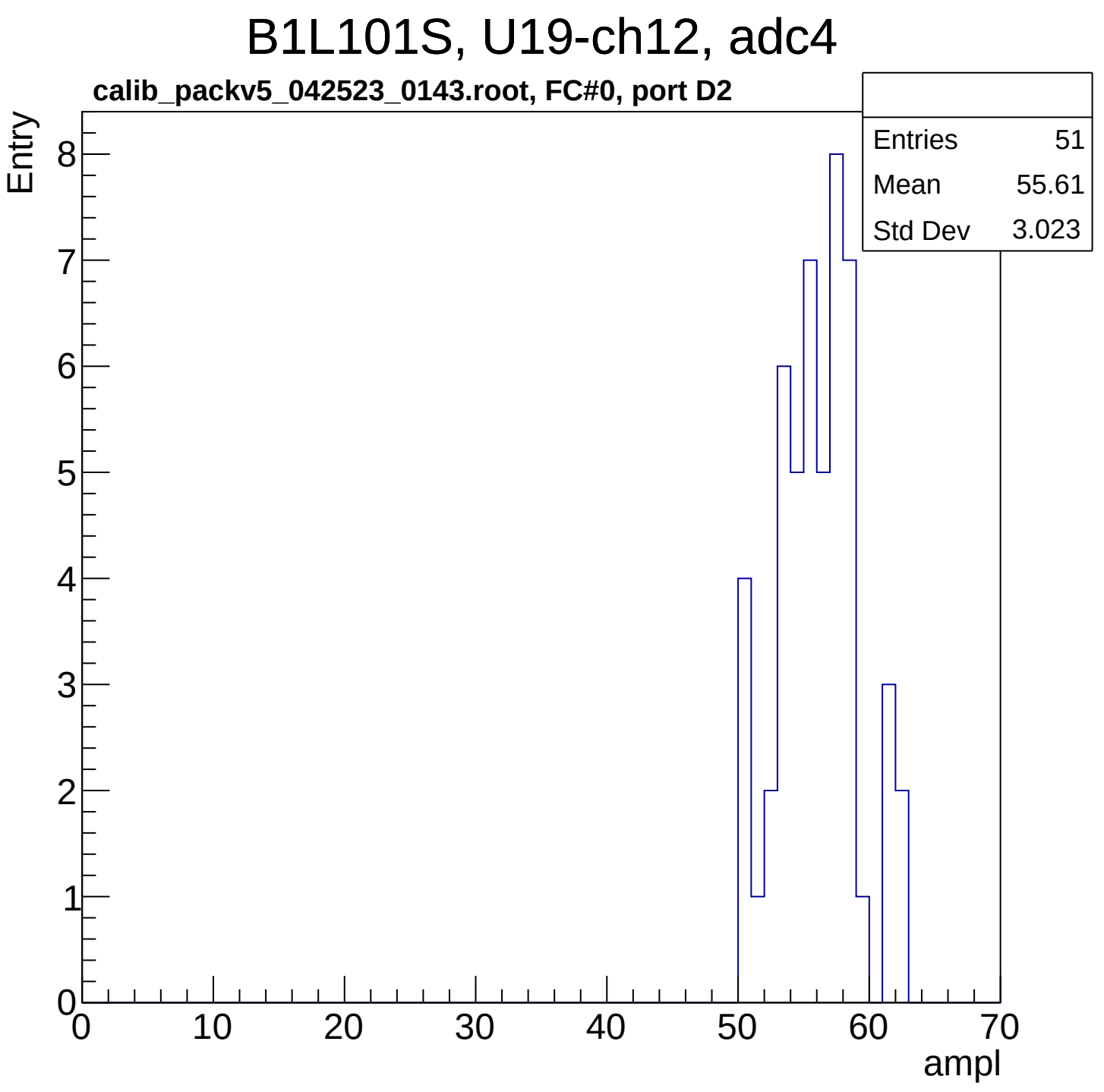
B1L101S, U19-ch12, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 55.61
Std Dev 3.023
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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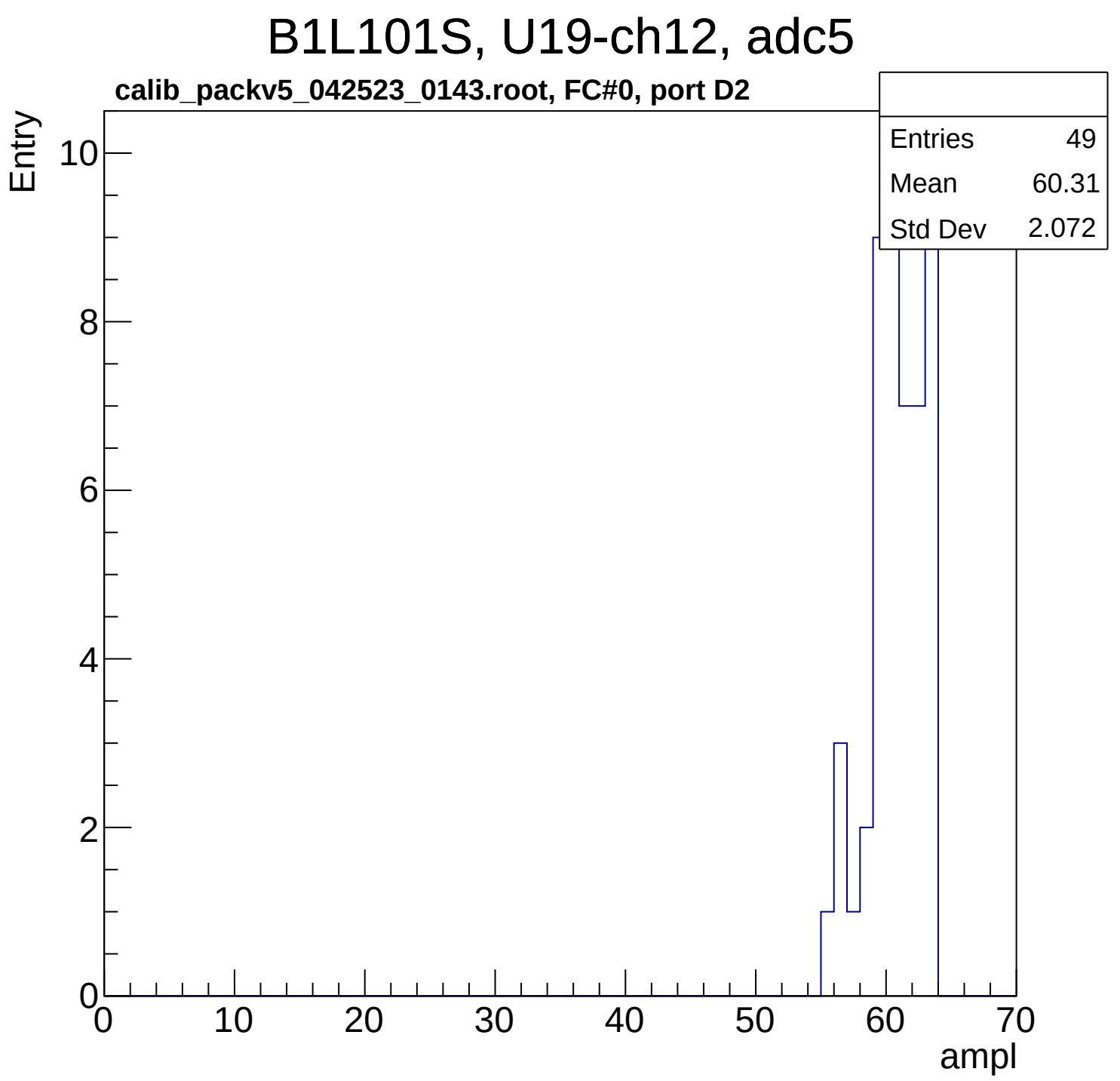
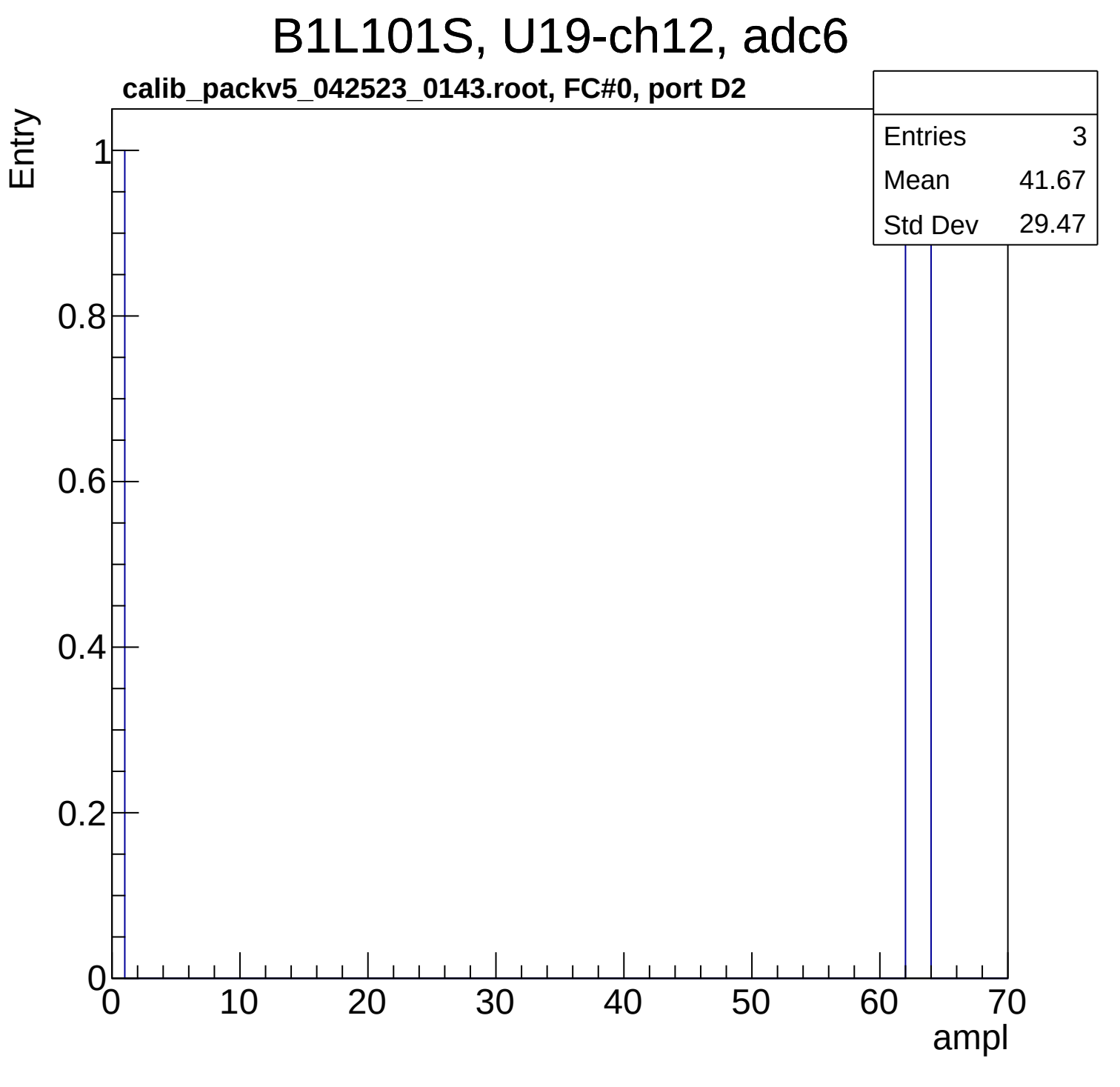
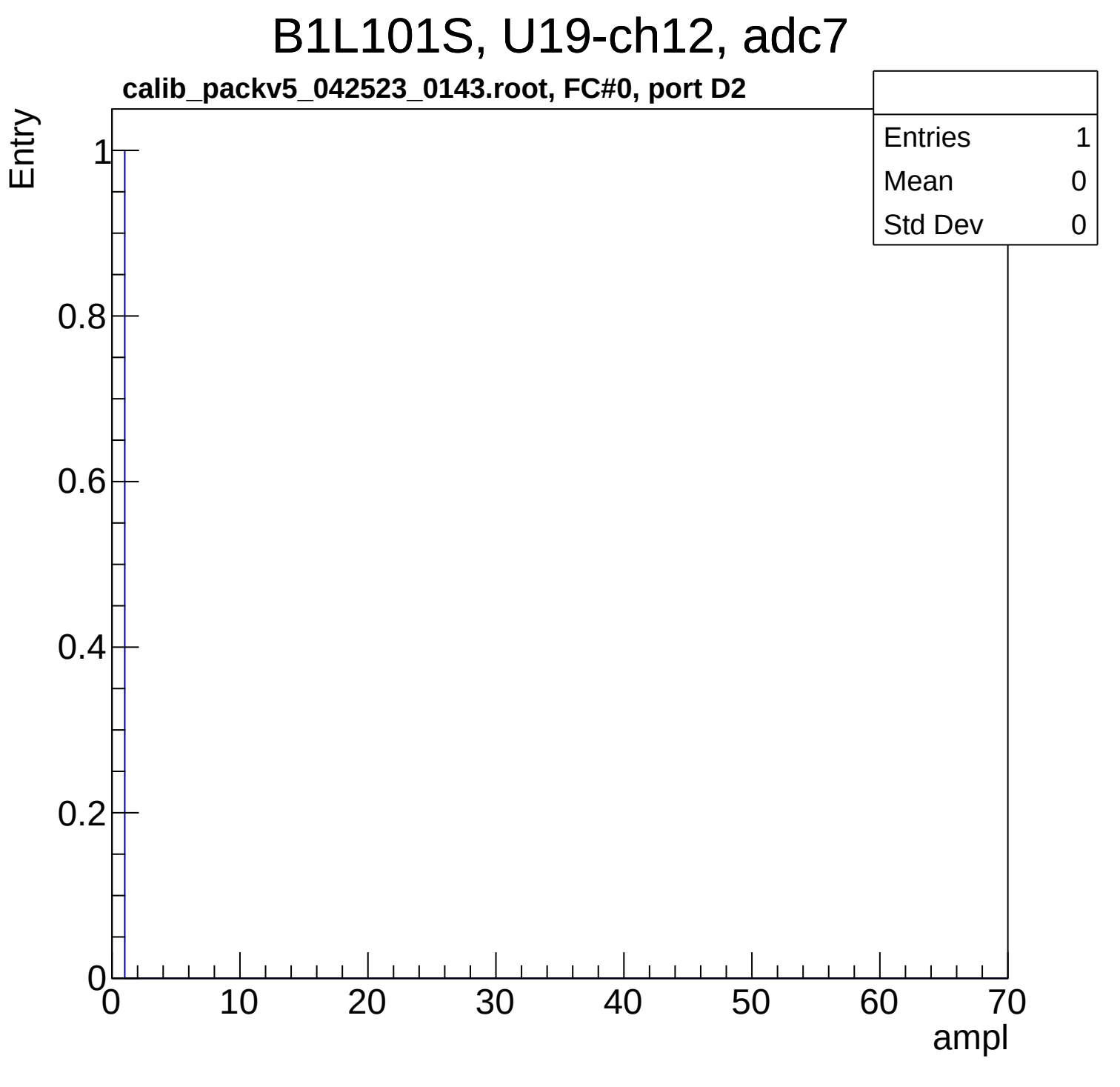
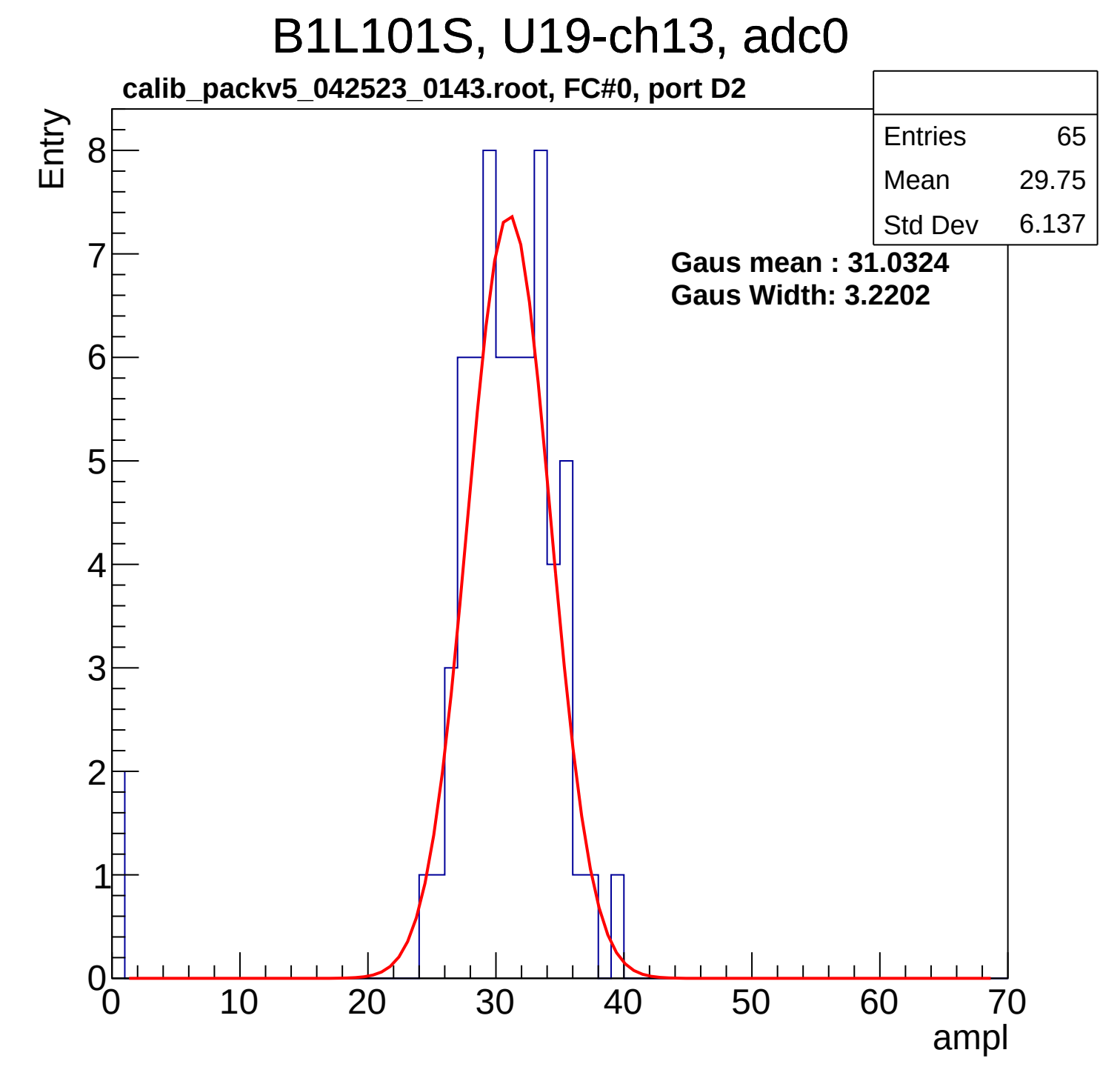
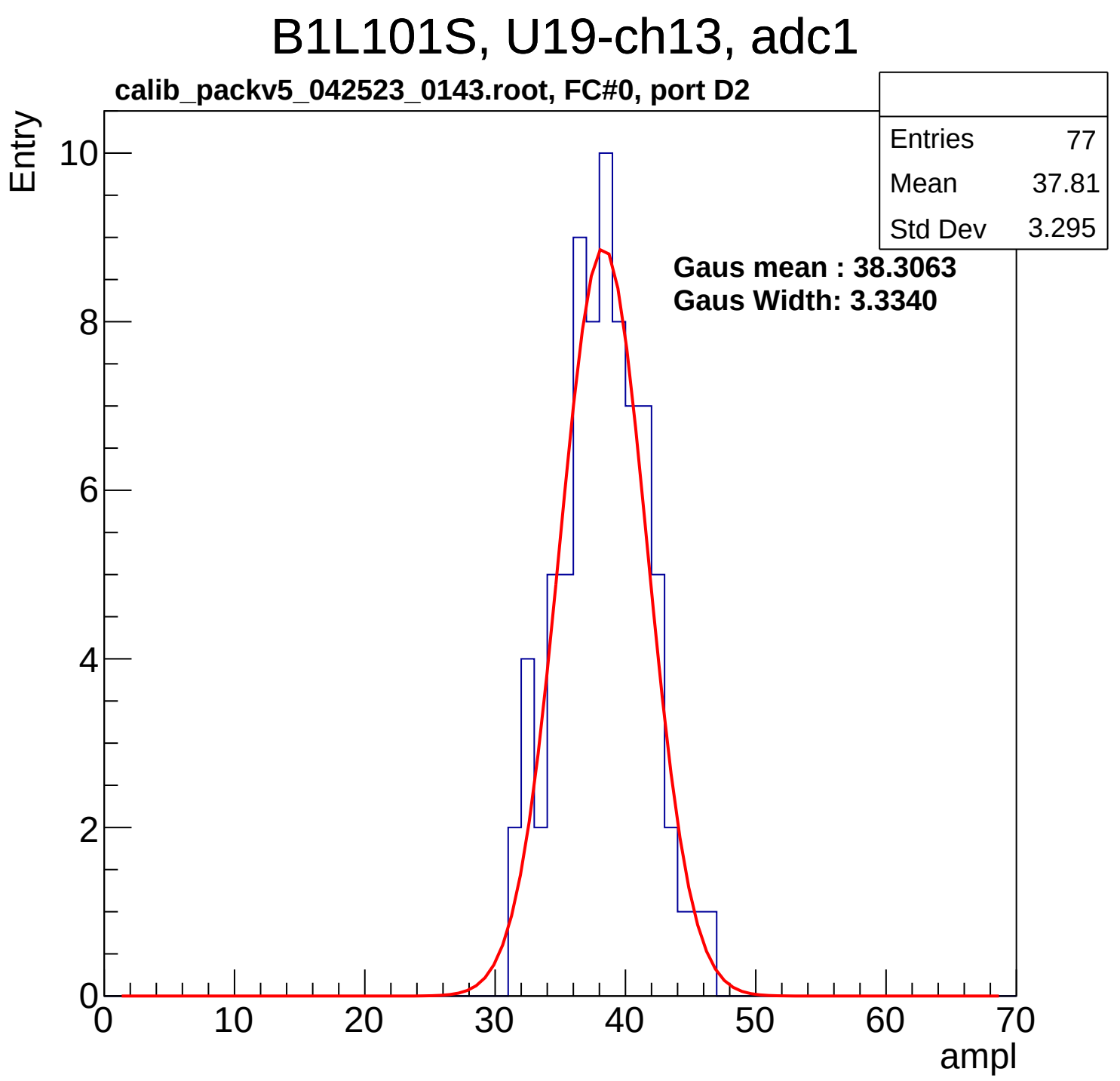
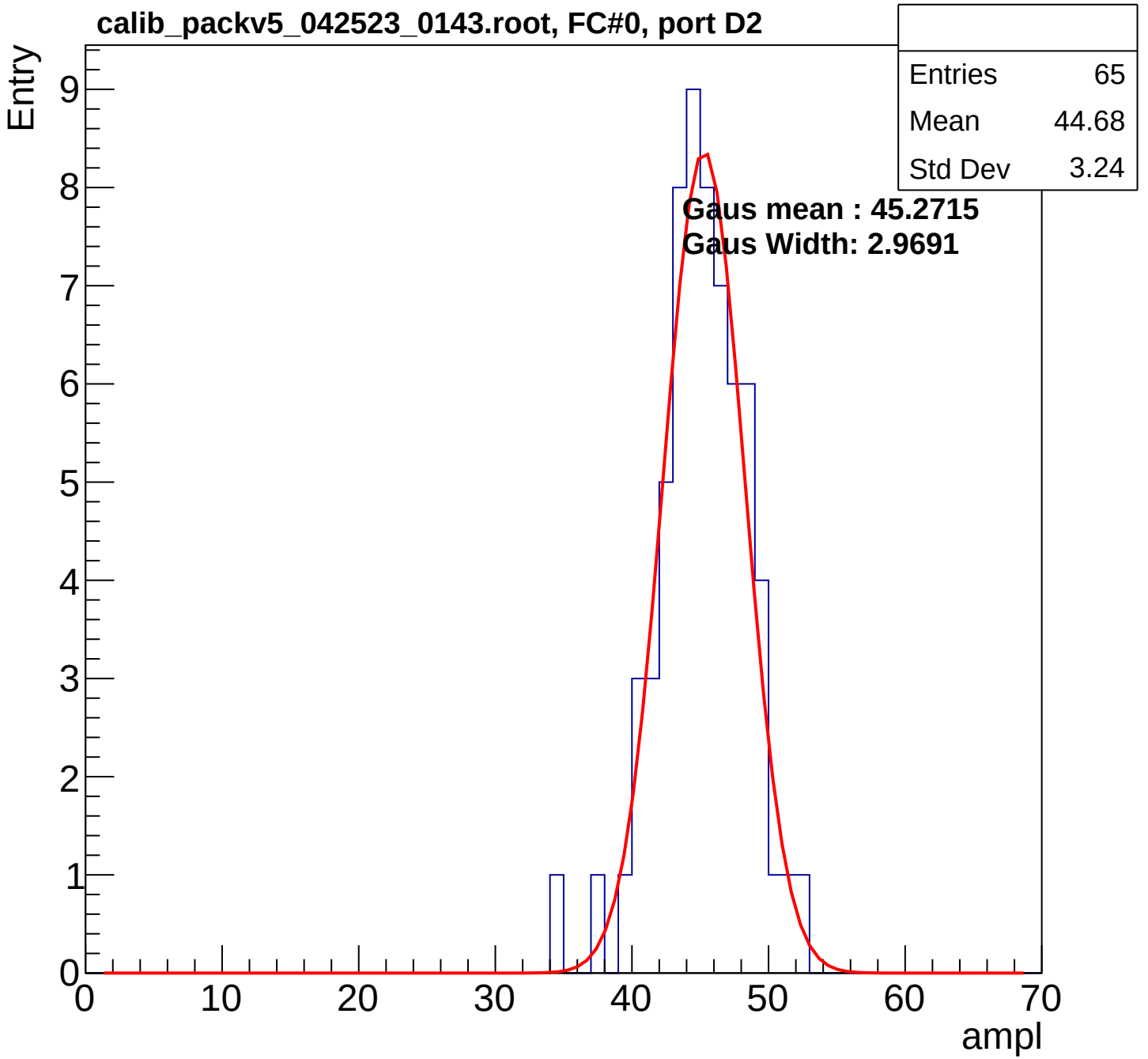

B1L101S, U19-ch12, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 60.31
Std Dev 2.072
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch12, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 41.67
Std Dev 29.47
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch12, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch13, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 29.75
Std Dev 6.137
Gaus mean : 31.0324
Gaus Width: 3.2202
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch13, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 37.81
Std Dev 3.295
Gaus mean : 38.3063
Gaus Width: 3.3340
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch13, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 44.68
Std Dev 3.24
Gaus mean : 45.2715
Gaus Width: 2.9691
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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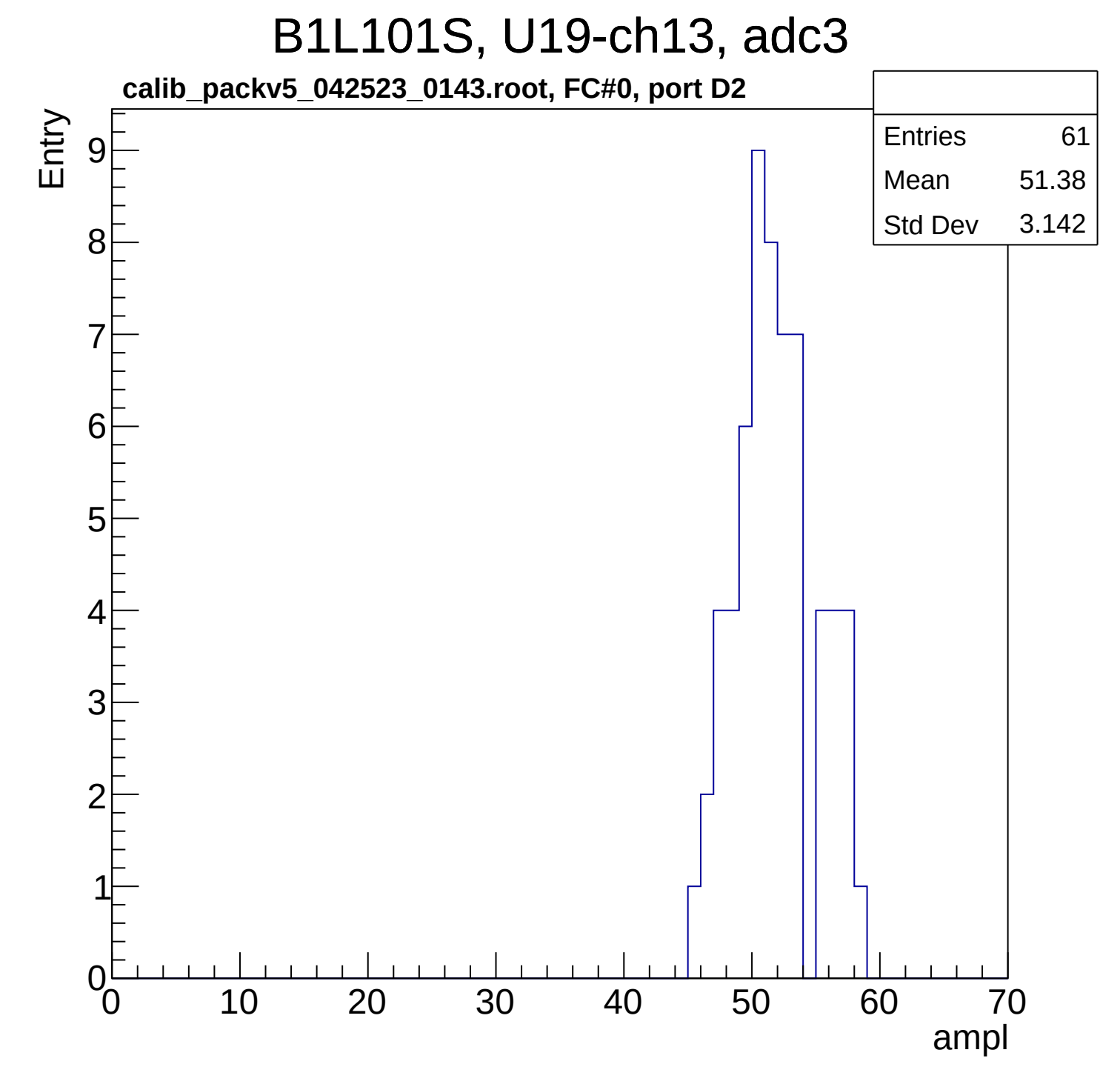
B1L101S, U19-ch13, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 51.38
Std Dev 3.142
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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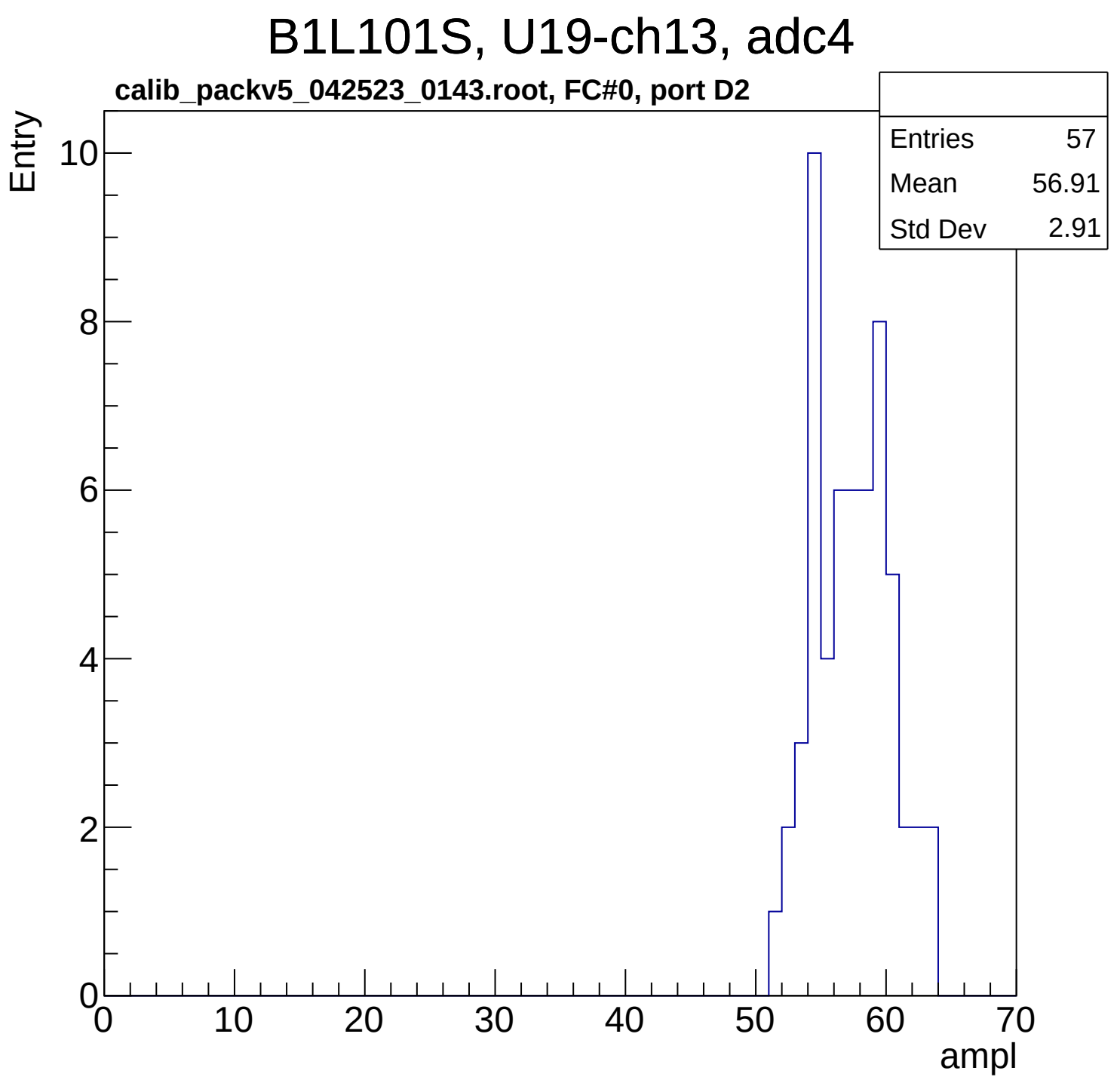
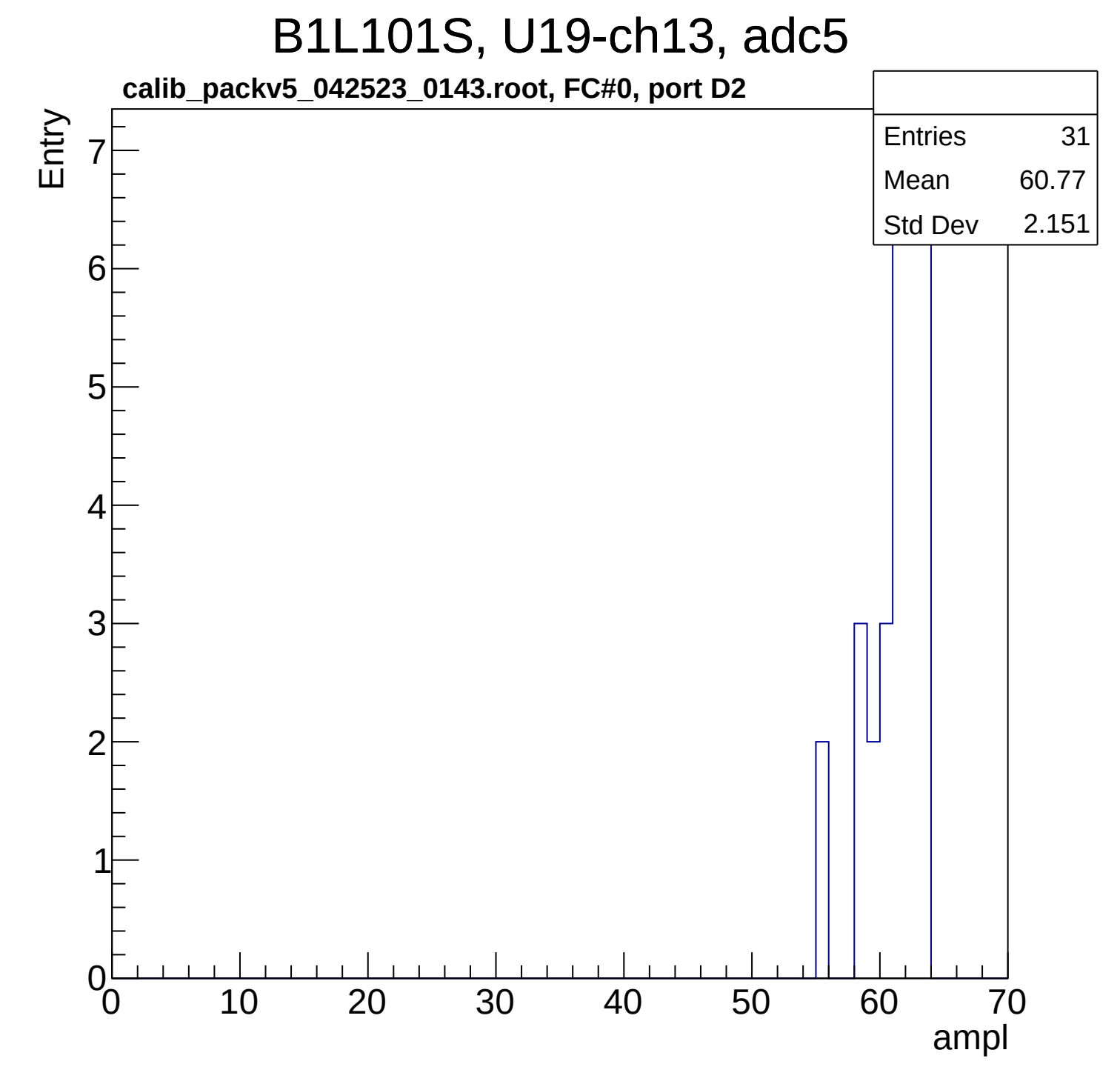
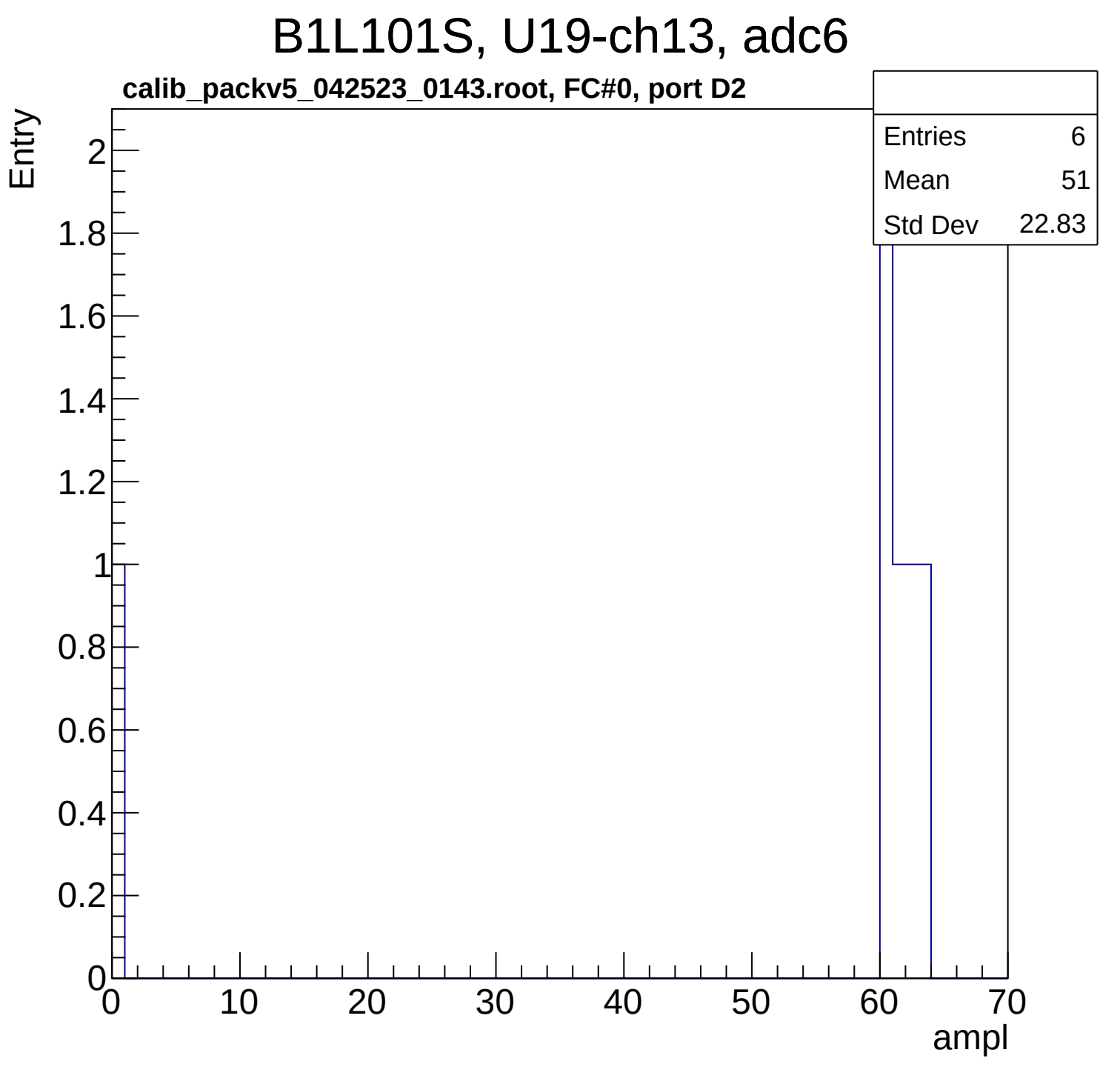

B1L101S, U19-ch13, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 56.91
Std Dev 2.91
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch13, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 31
Mean 60.77
Std Dev 2.151
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch13, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 51
Std Dev 22.83
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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40
50
60
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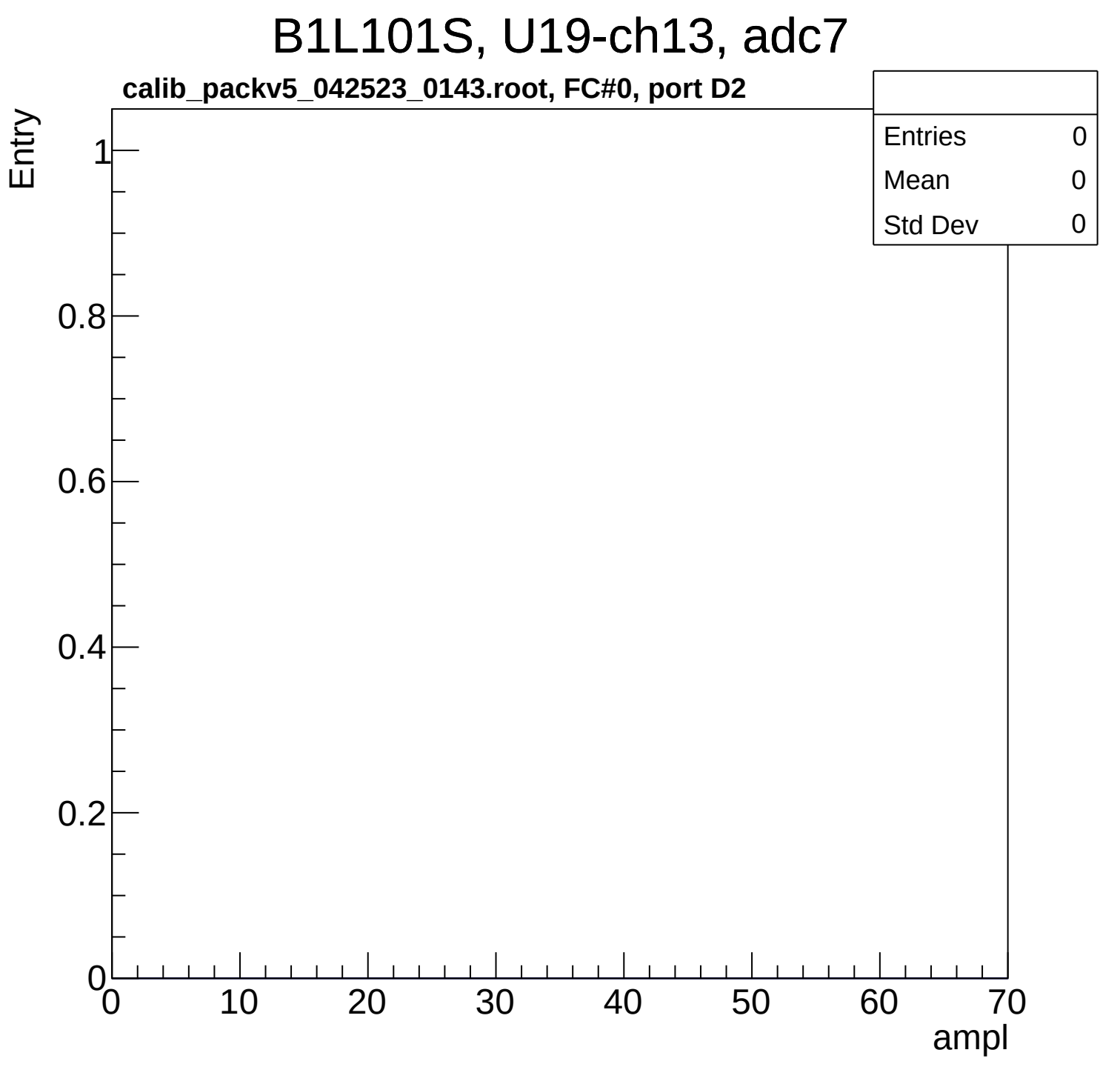
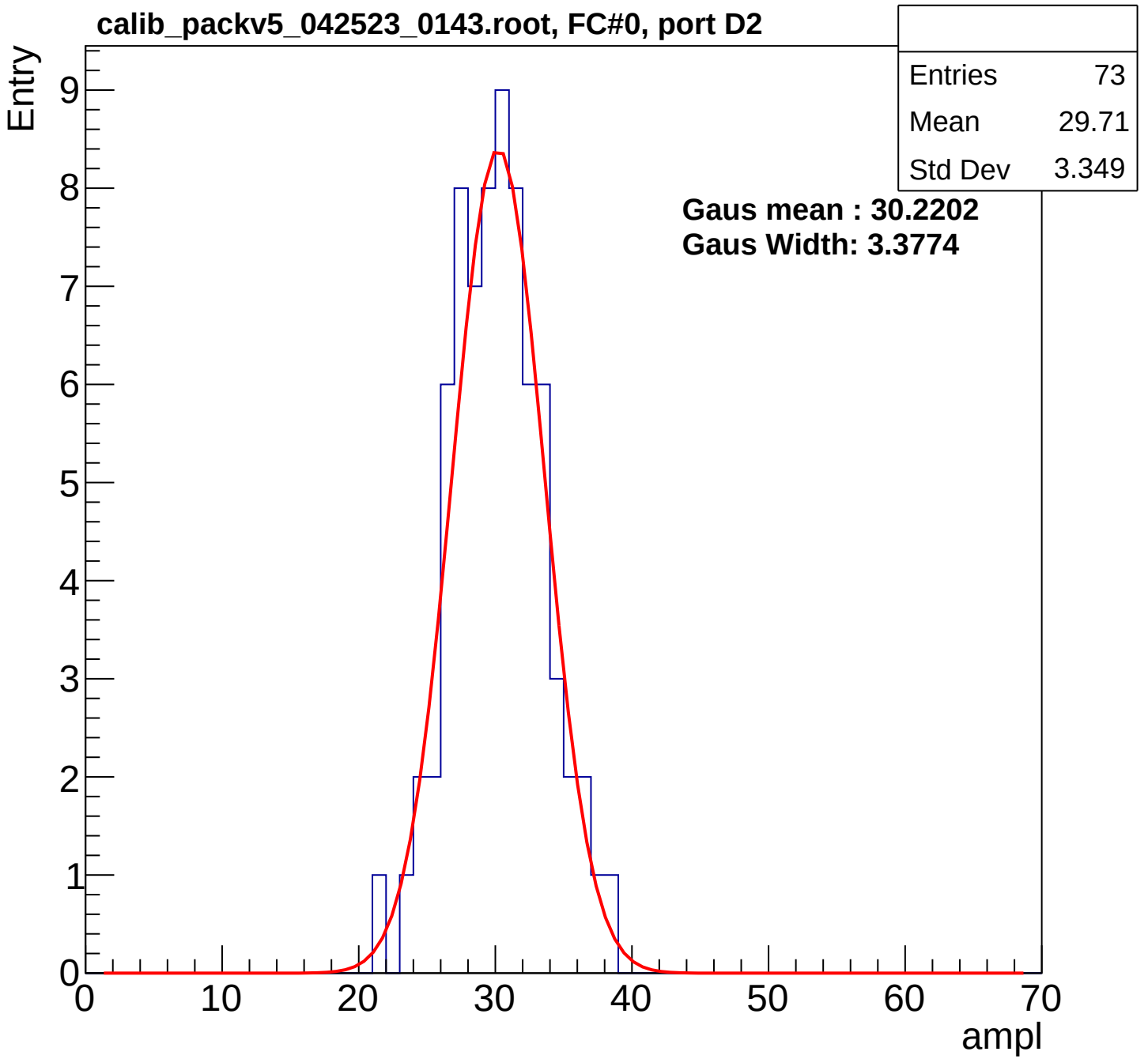

B1L101S, U19-ch13, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch14, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 29.71
Std Dev 3.349
Gaus mean : 30.2202
Gaus Width: 3.3774
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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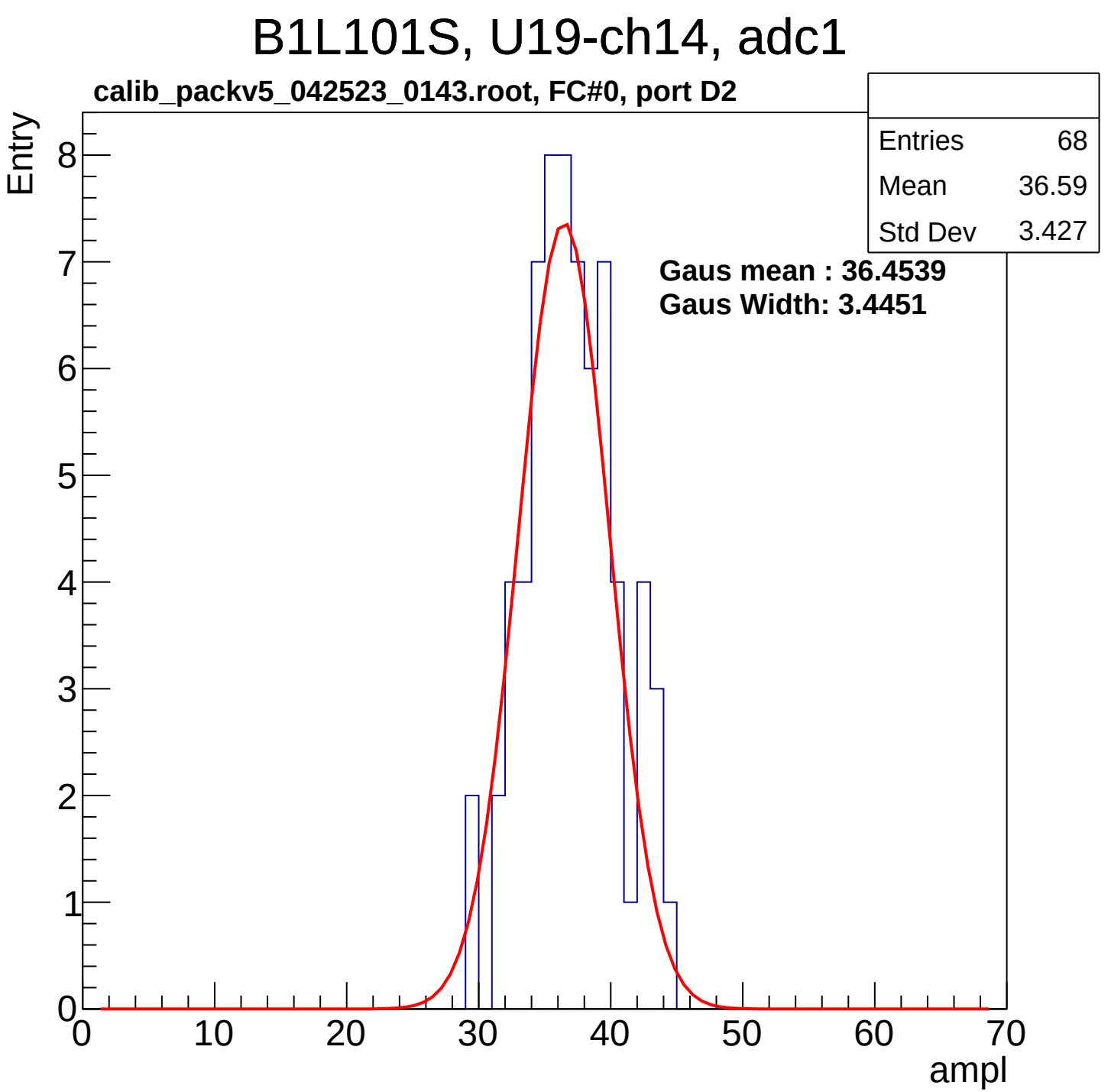
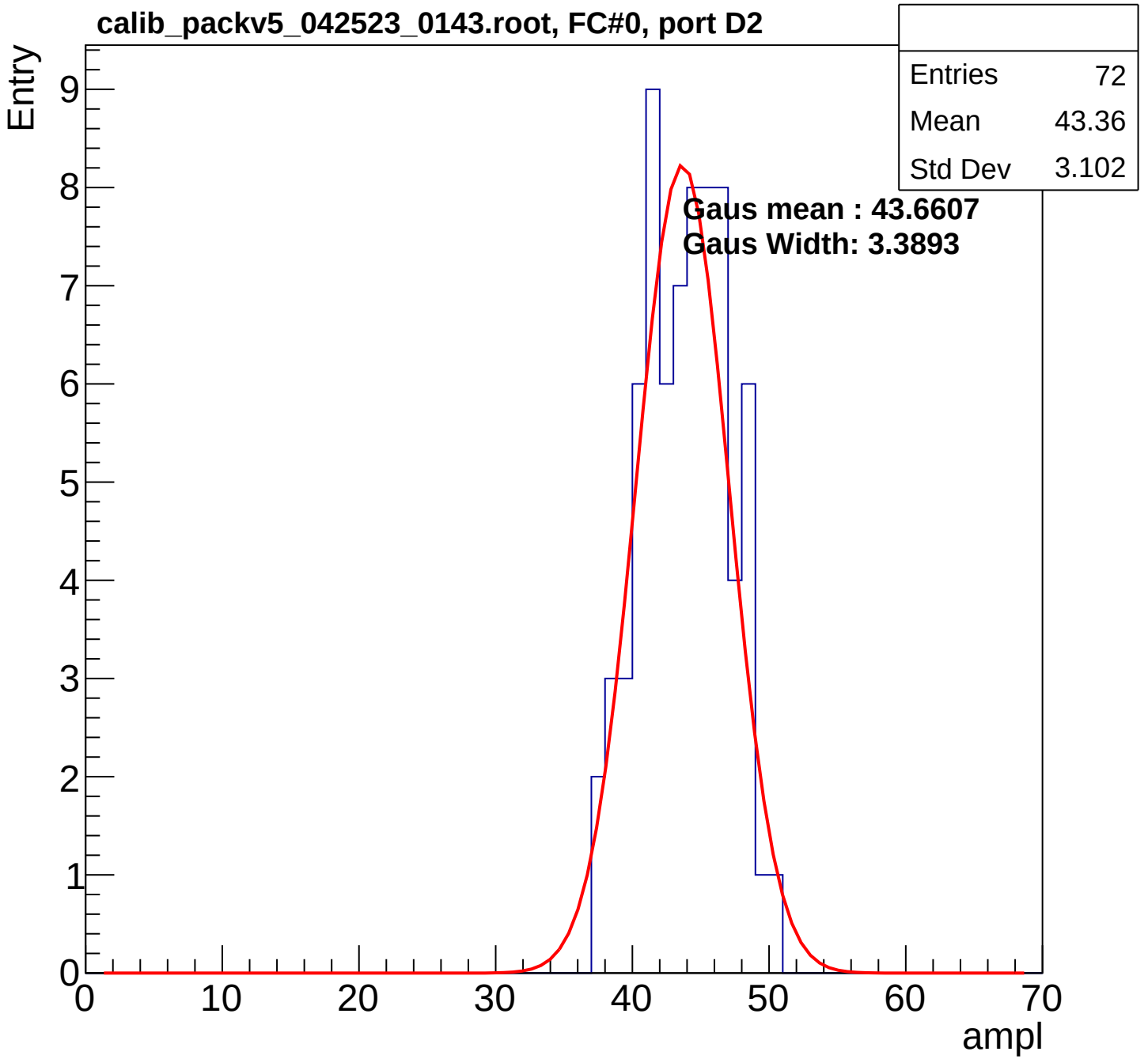
20
30
40
50
60
70


B1L101S, U19-ch14, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 36.59
Std Dev 3.427
Gaus mean : 36.4539
Gaus Width: 3.4451
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch14, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 43.36
Std Dev 3.102
Gaus mean : 43.6607
Gaus Width: 3.3893
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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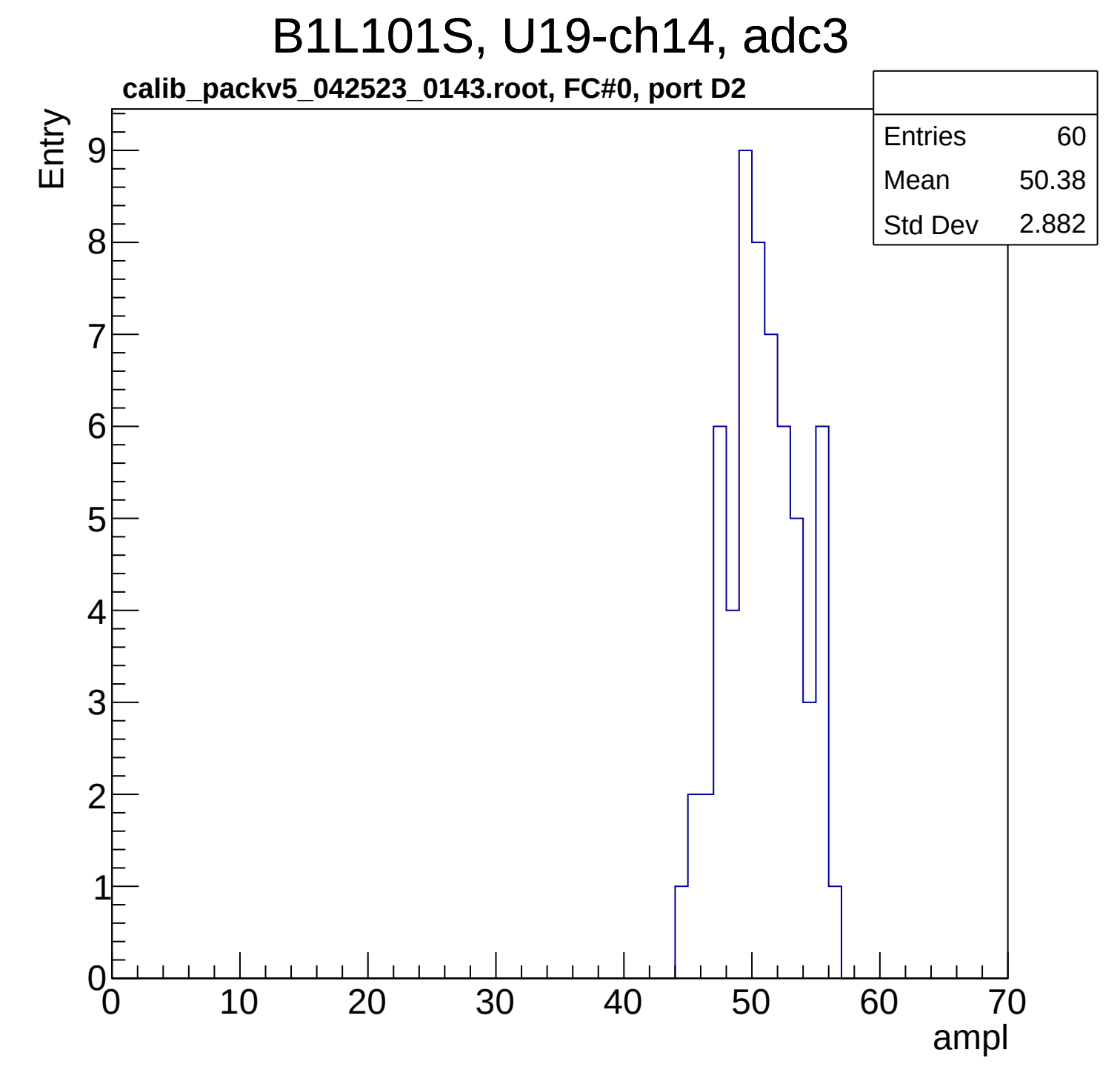
B1L101S, U19-ch14, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 50.38
Std Dev 2.882
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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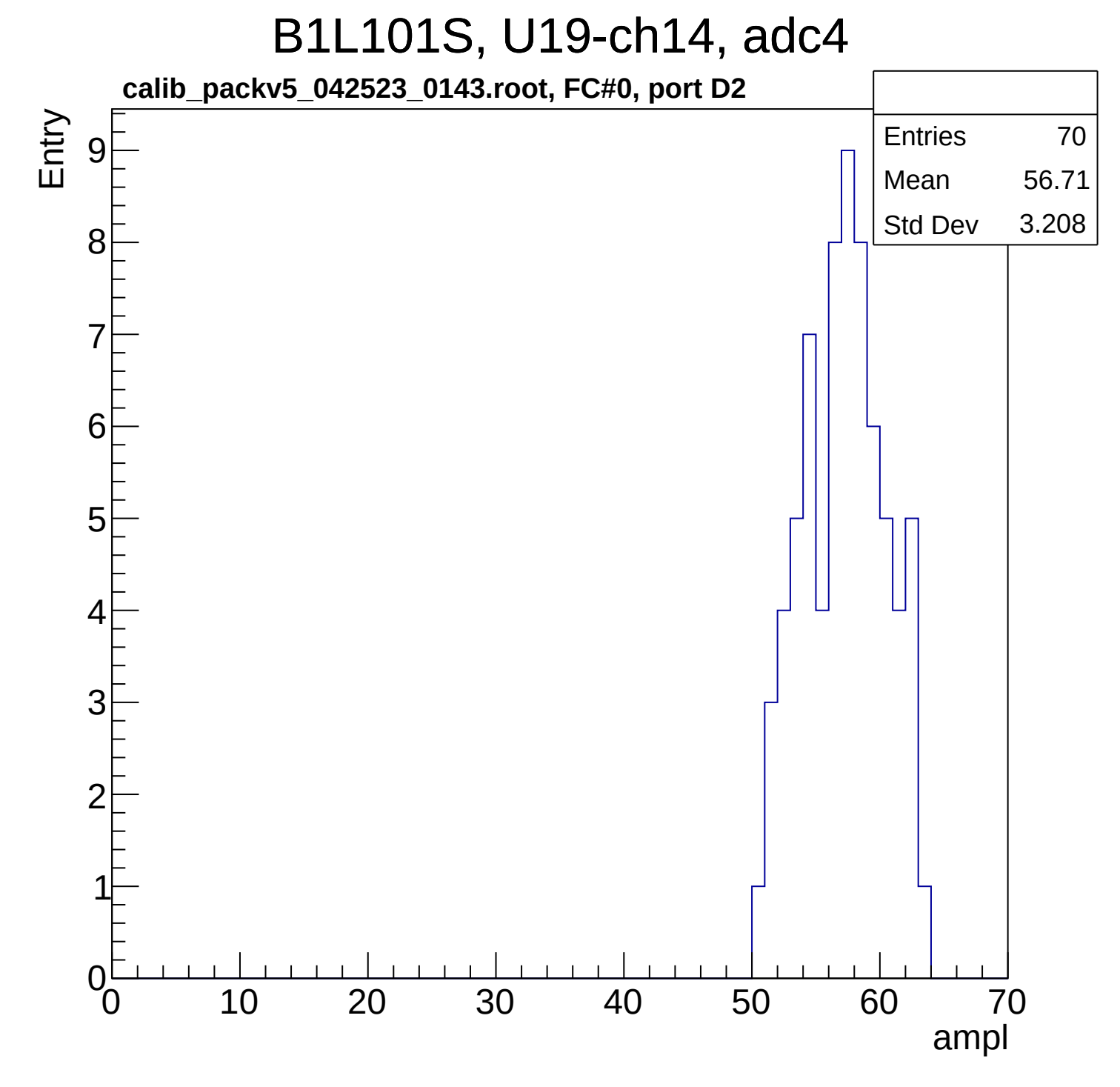
40
50
60
70


B1L101S, U19-ch14, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 56.71
Std Dev 3.208
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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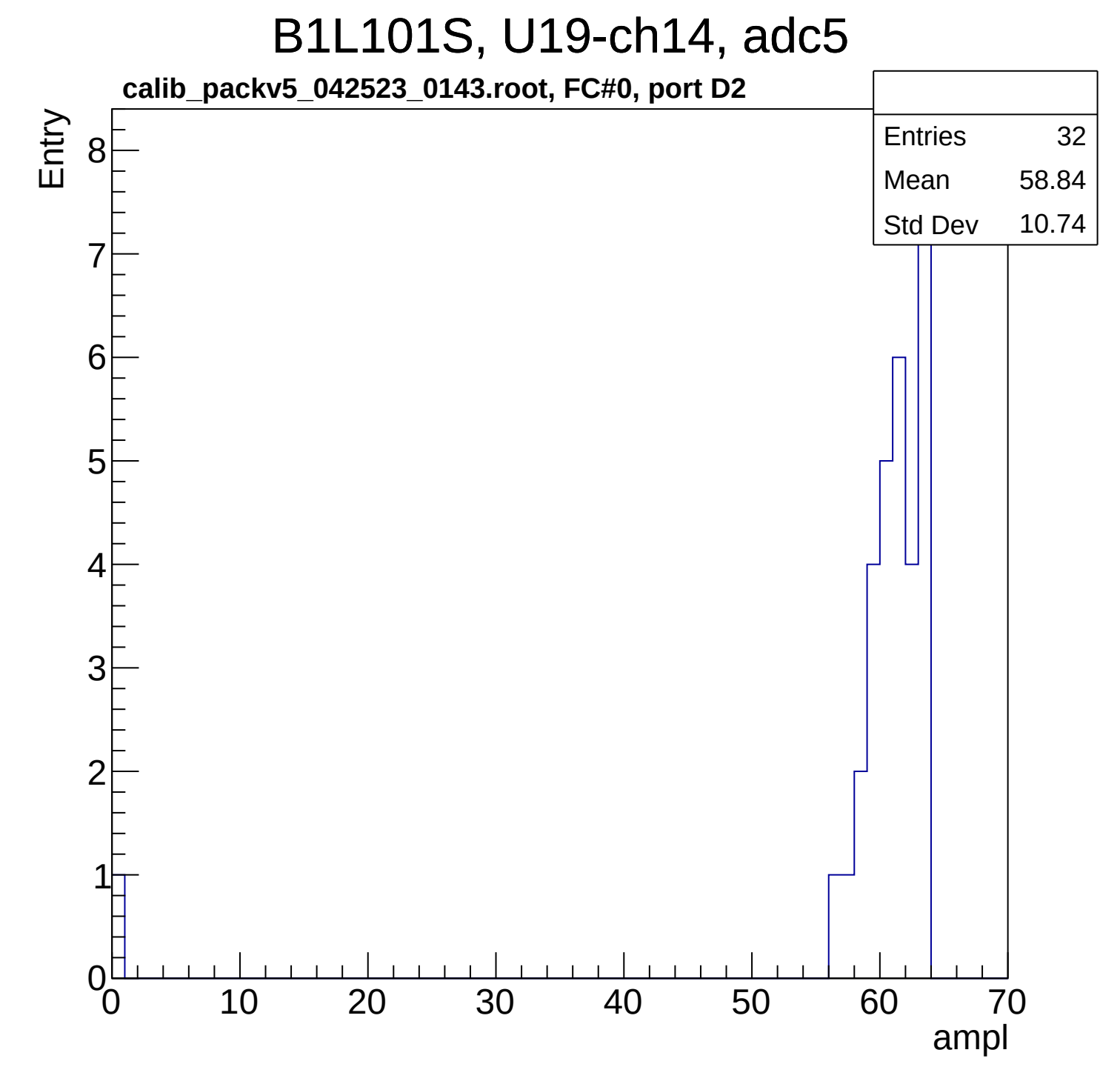
B1L101S, U19-ch14, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 32
Mean 58.84
Std Dev 10.74
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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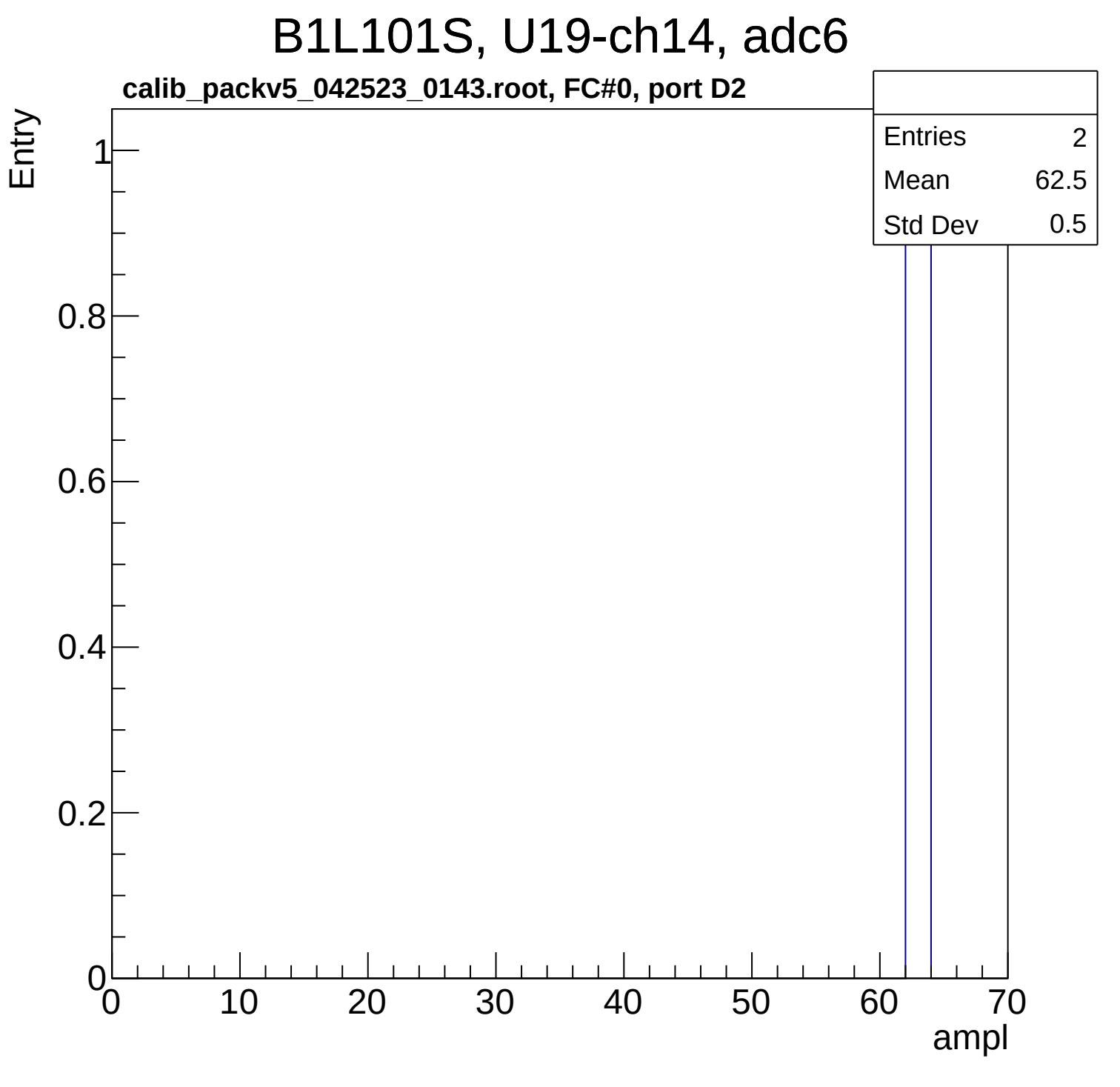
B1L101S, U19-ch14, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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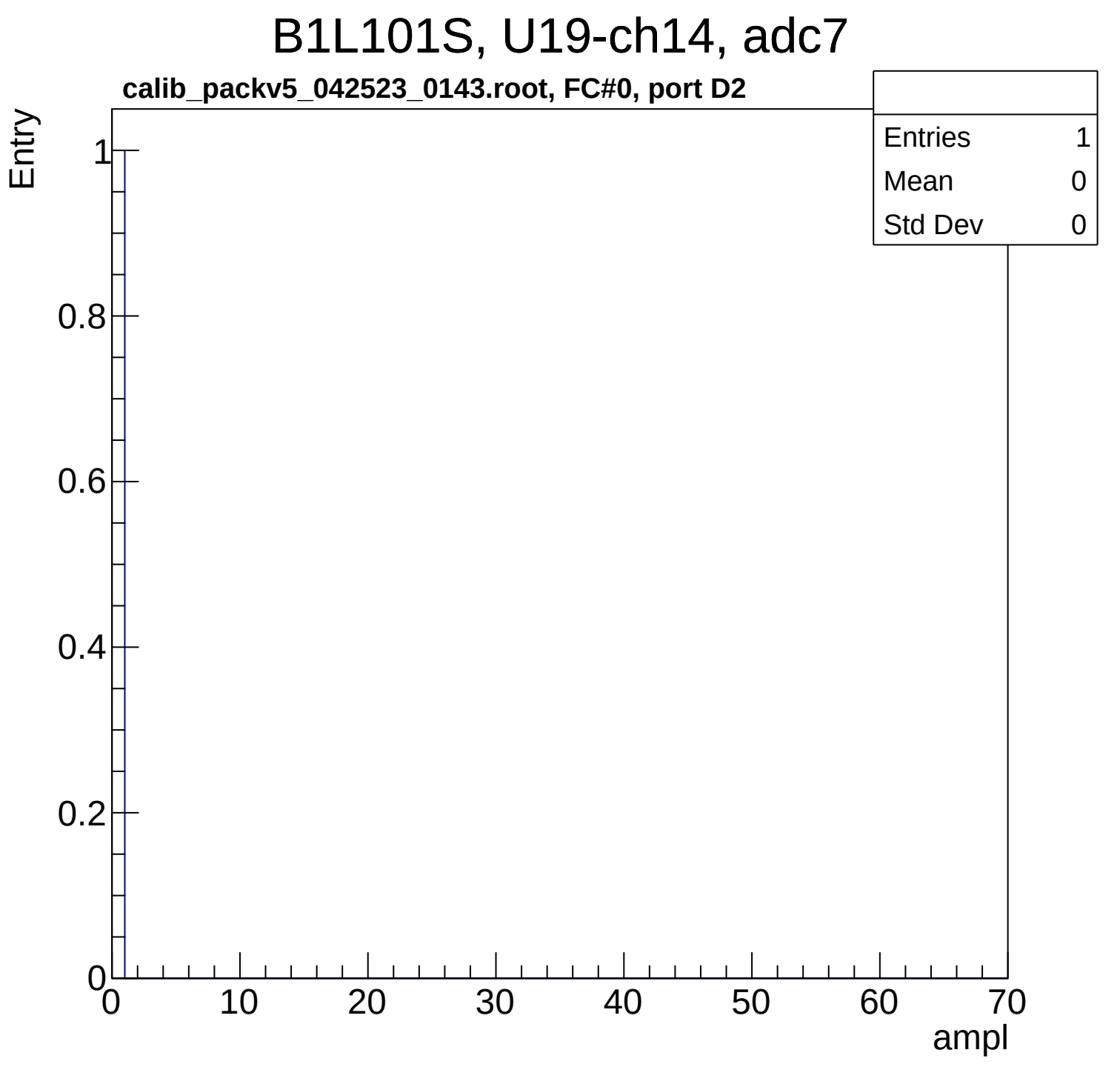
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch14, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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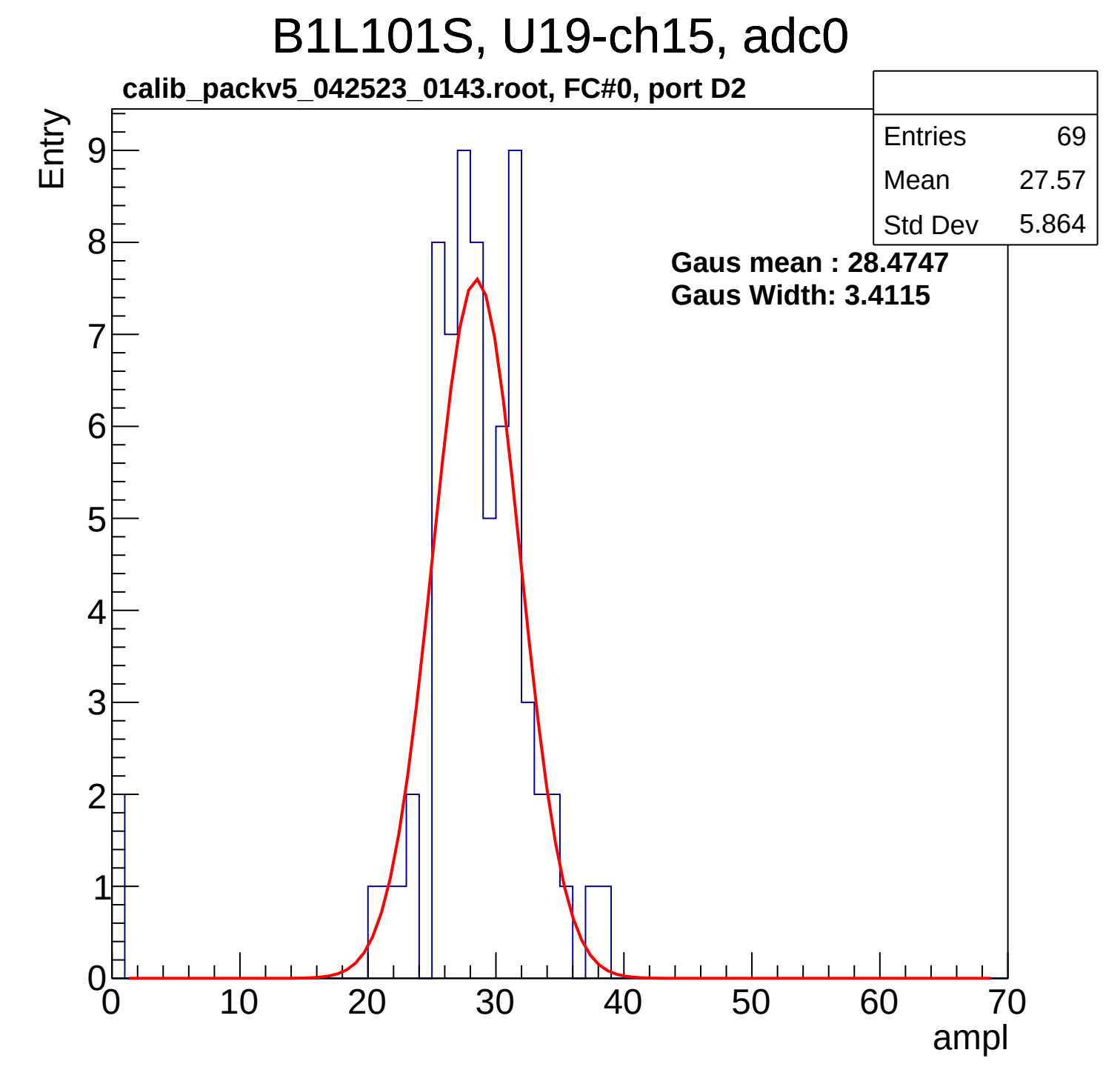
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch15, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 27.57
Std Dev 5.864
Gaus mean : 28.4747
Gaus Width: 3.4115
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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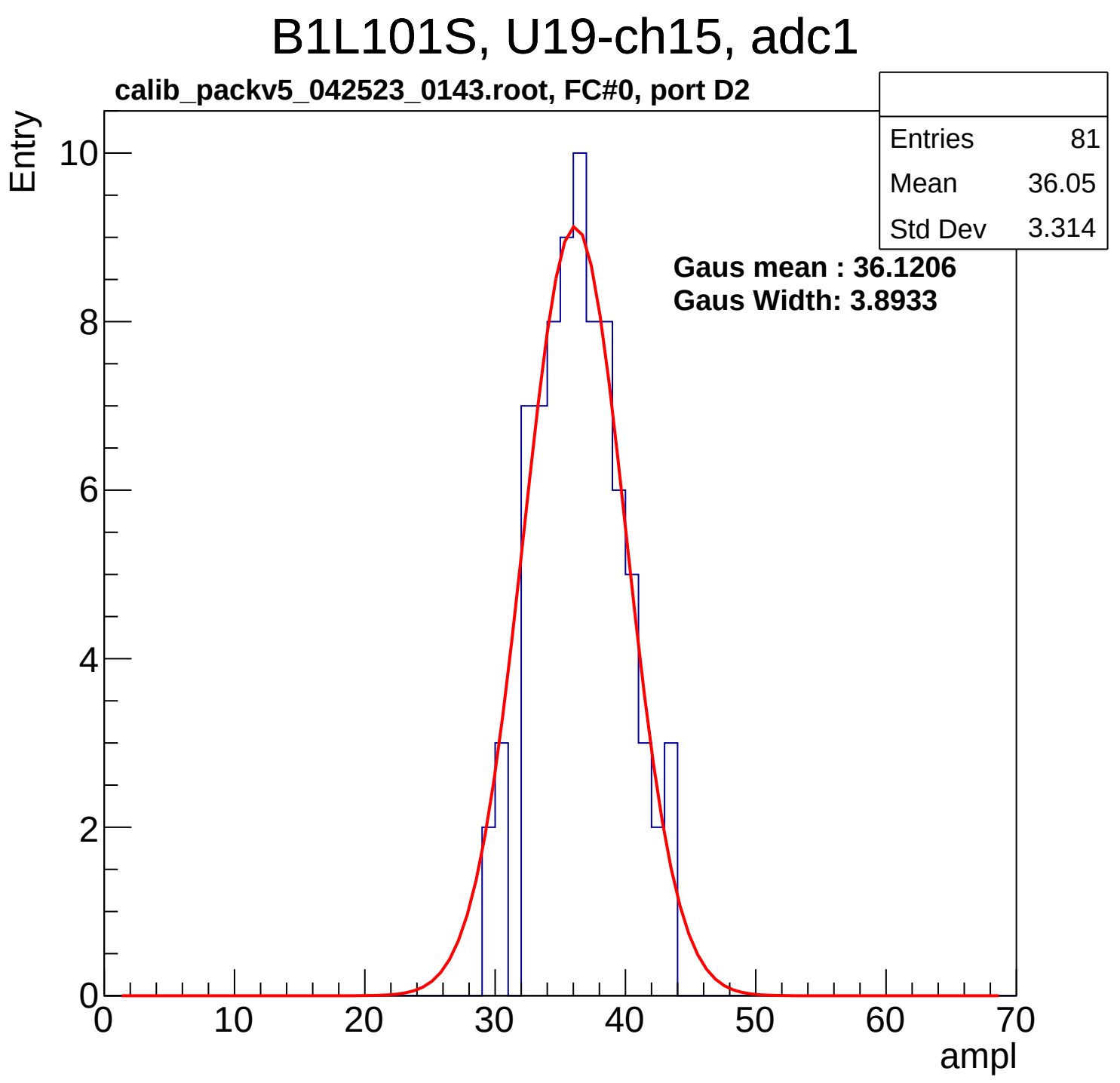
B1L101S, U19-ch15, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 36.05
Std Dev 3.314
Gaus mean : 36.1206
Gaus Width: 3.8933
Entry
ampl
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2
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6
8
10
0
10
20
30
40
50
60
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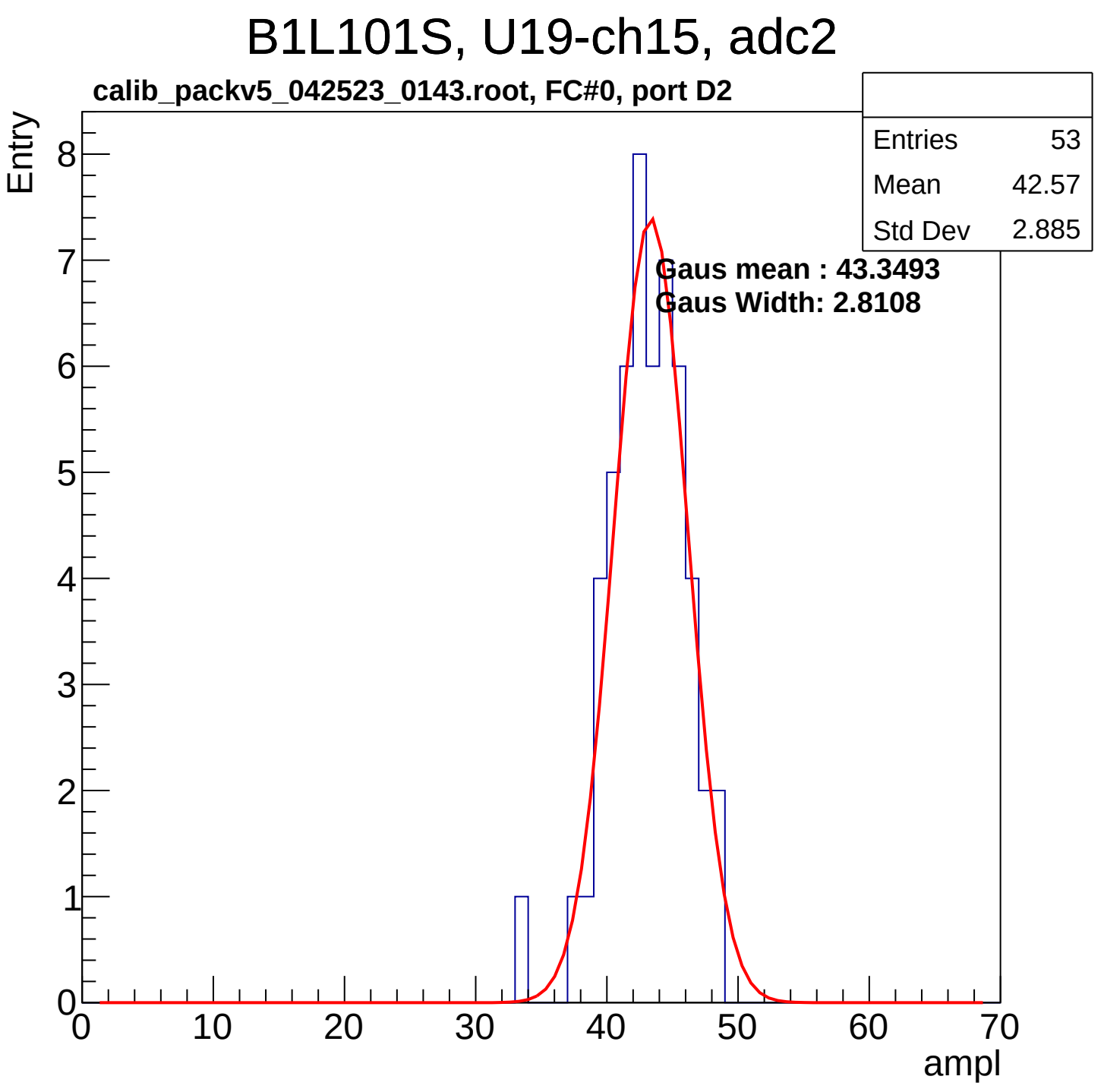
B1L101S, U19-ch15, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 42.57
Std Dev 2.885
Gaus mean : 43.3493
Gaus Width: 2.8108
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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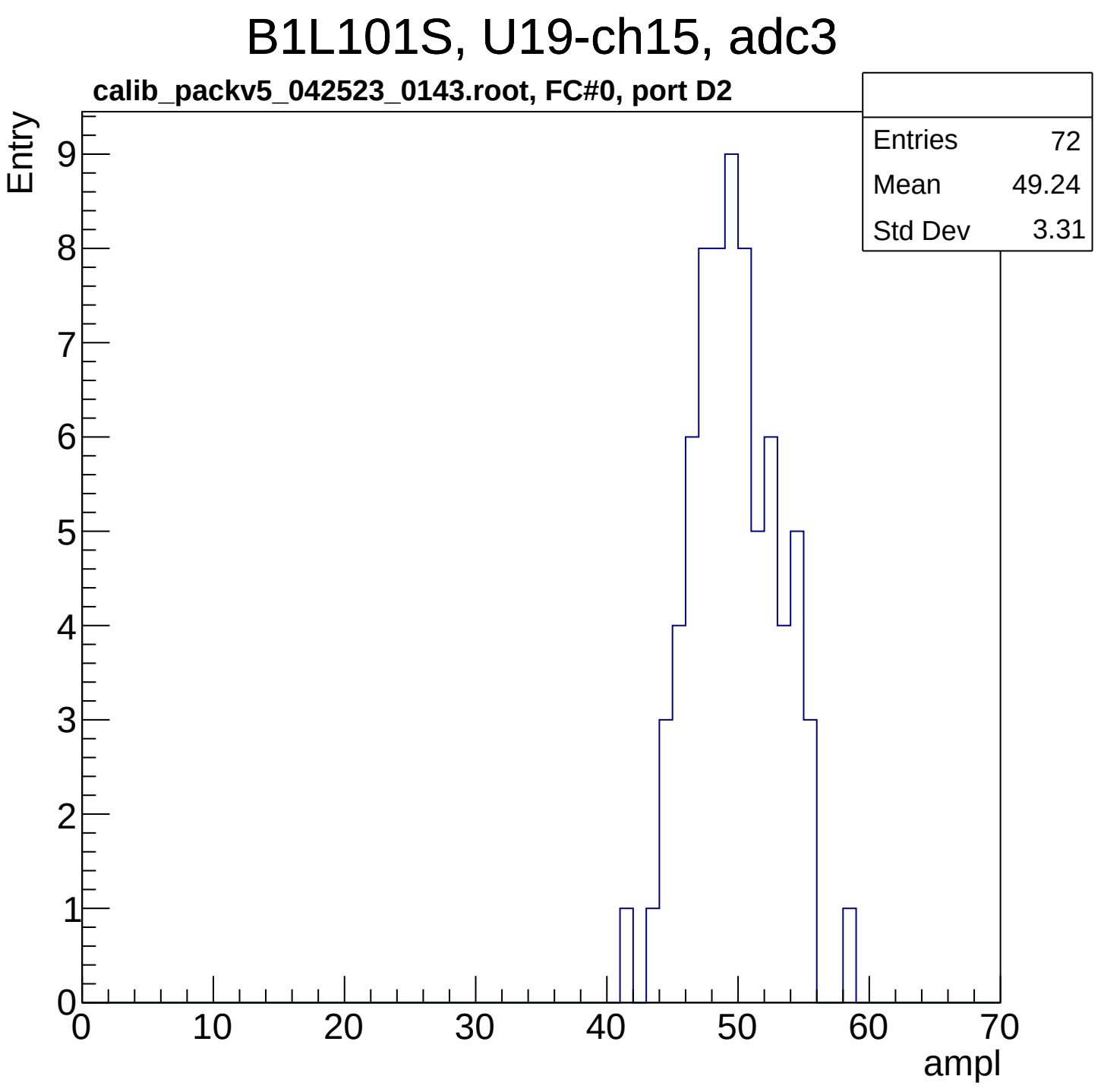
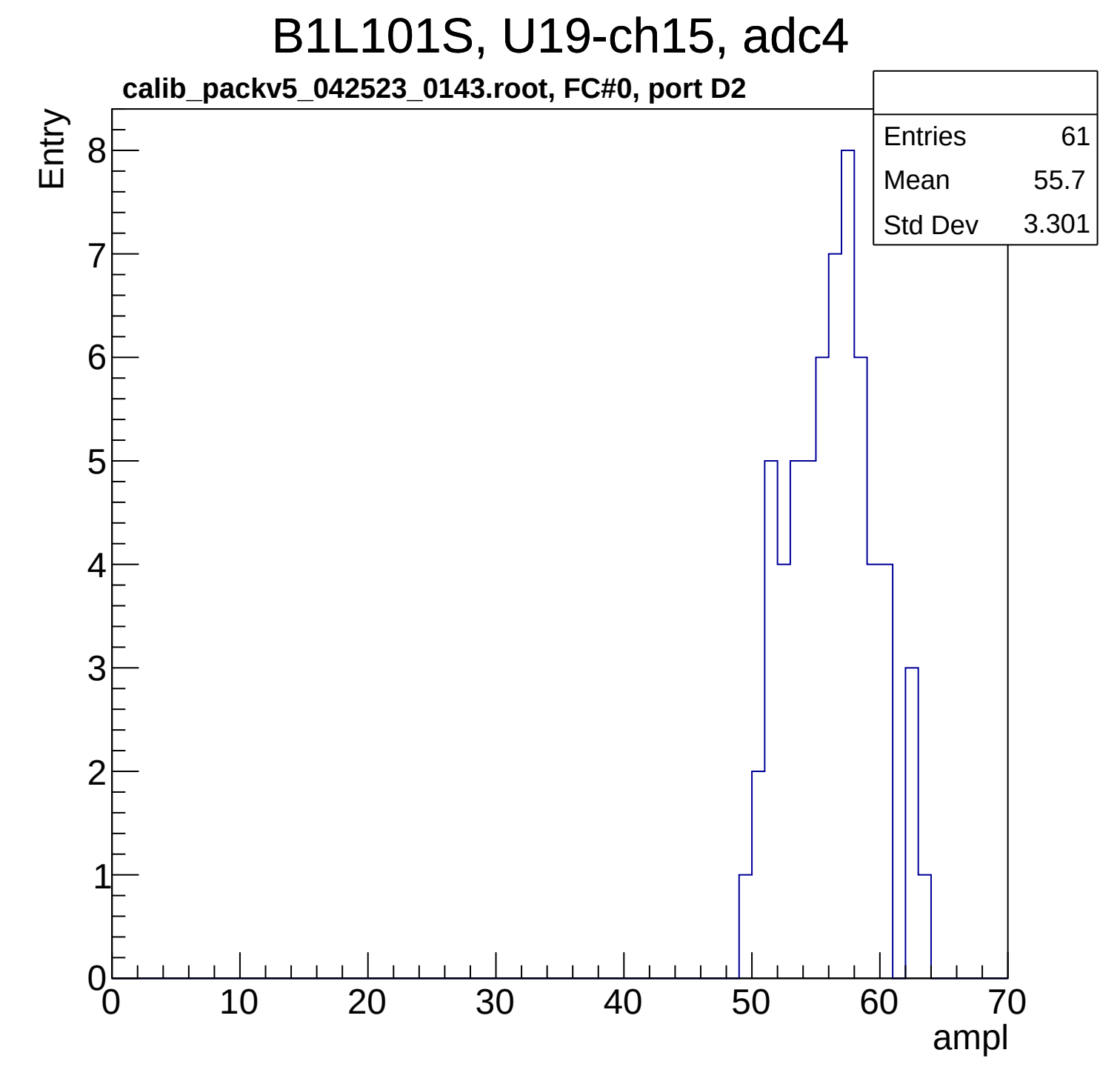

B1L101S, U19-ch15, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 49.24
Std Dev 3.31
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch15, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 55.7
Std Dev 3.301
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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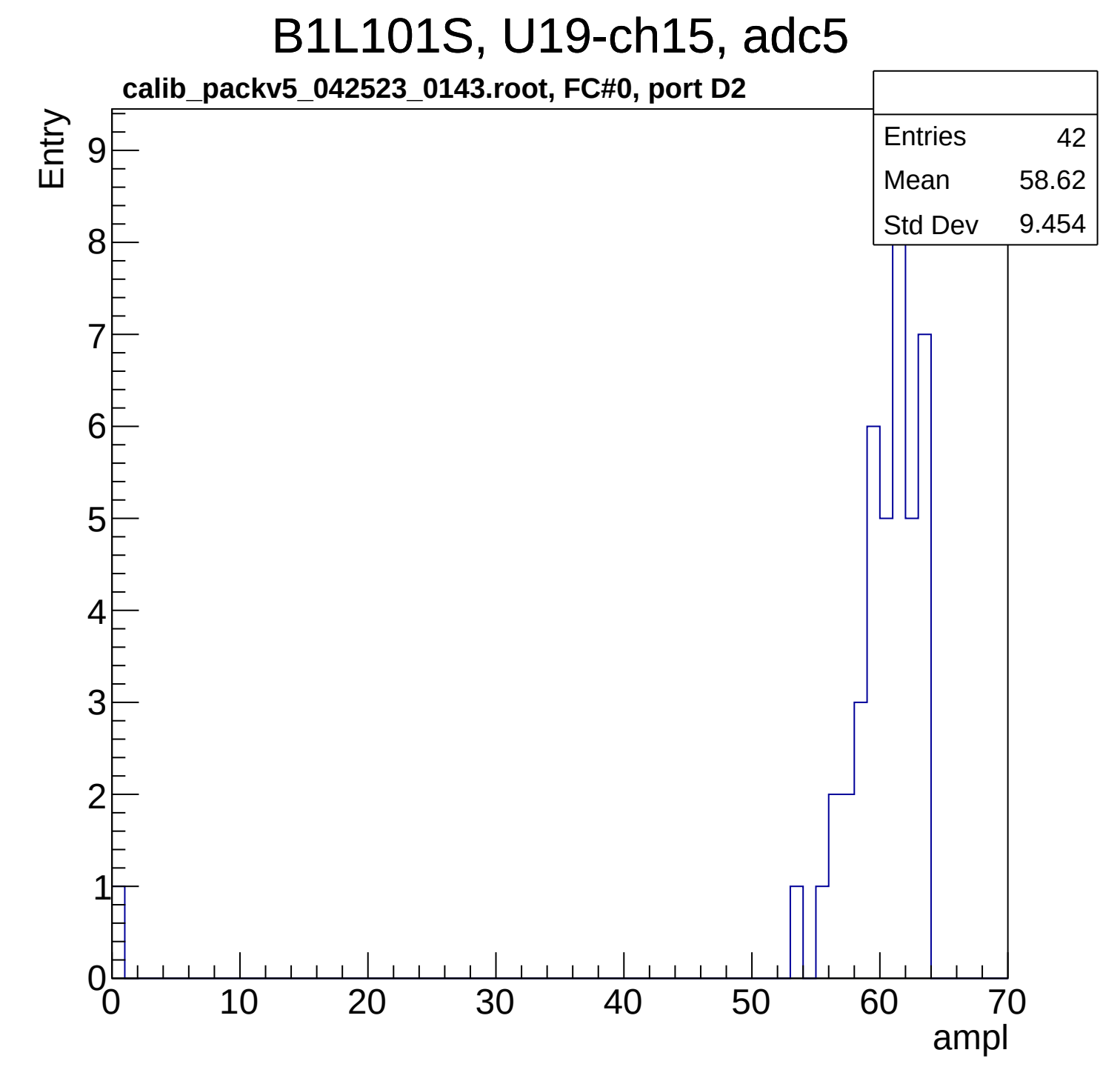
B1L101S, U19-ch15, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 58.62
Std Dev 9.454
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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60
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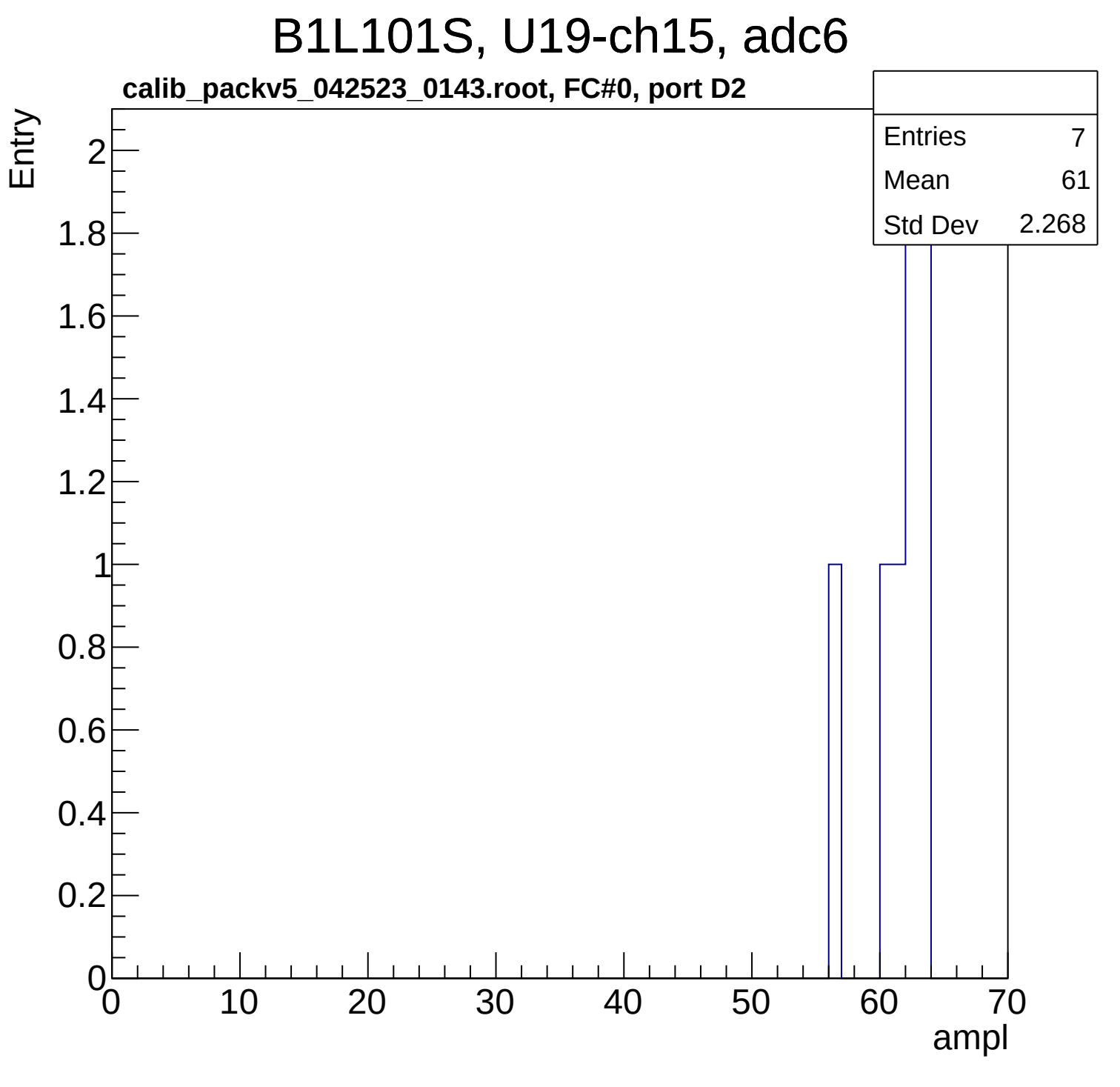
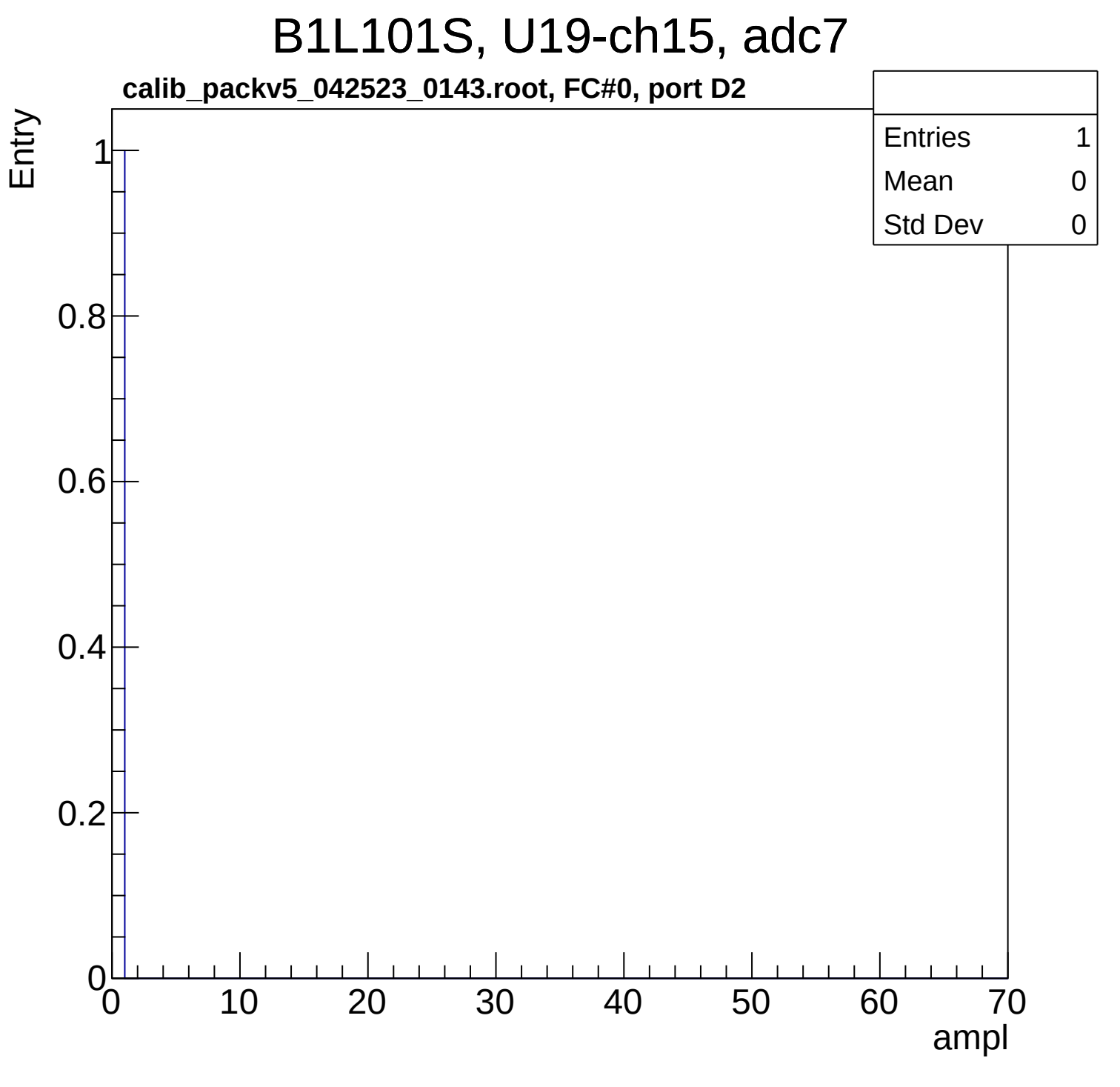
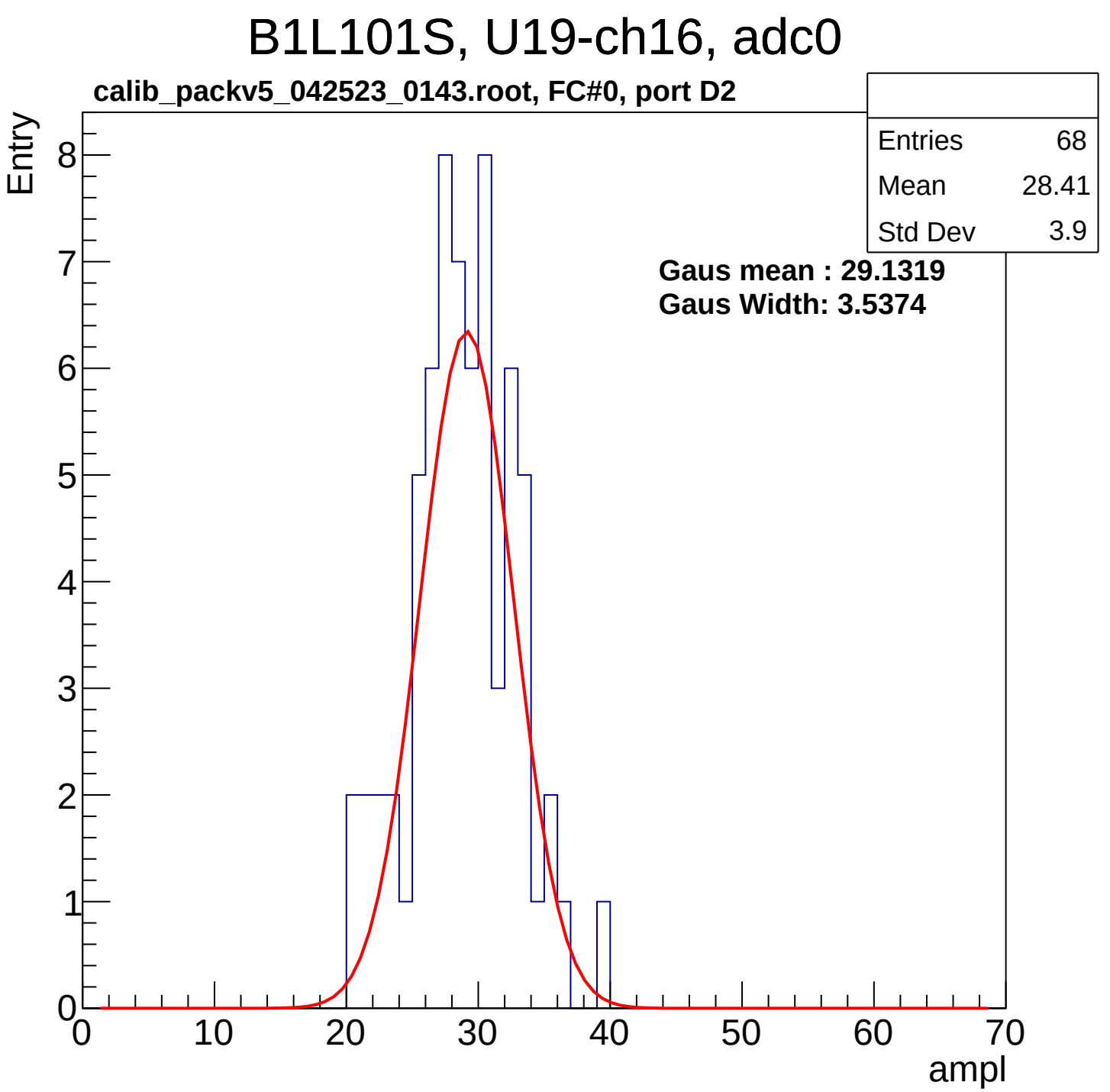
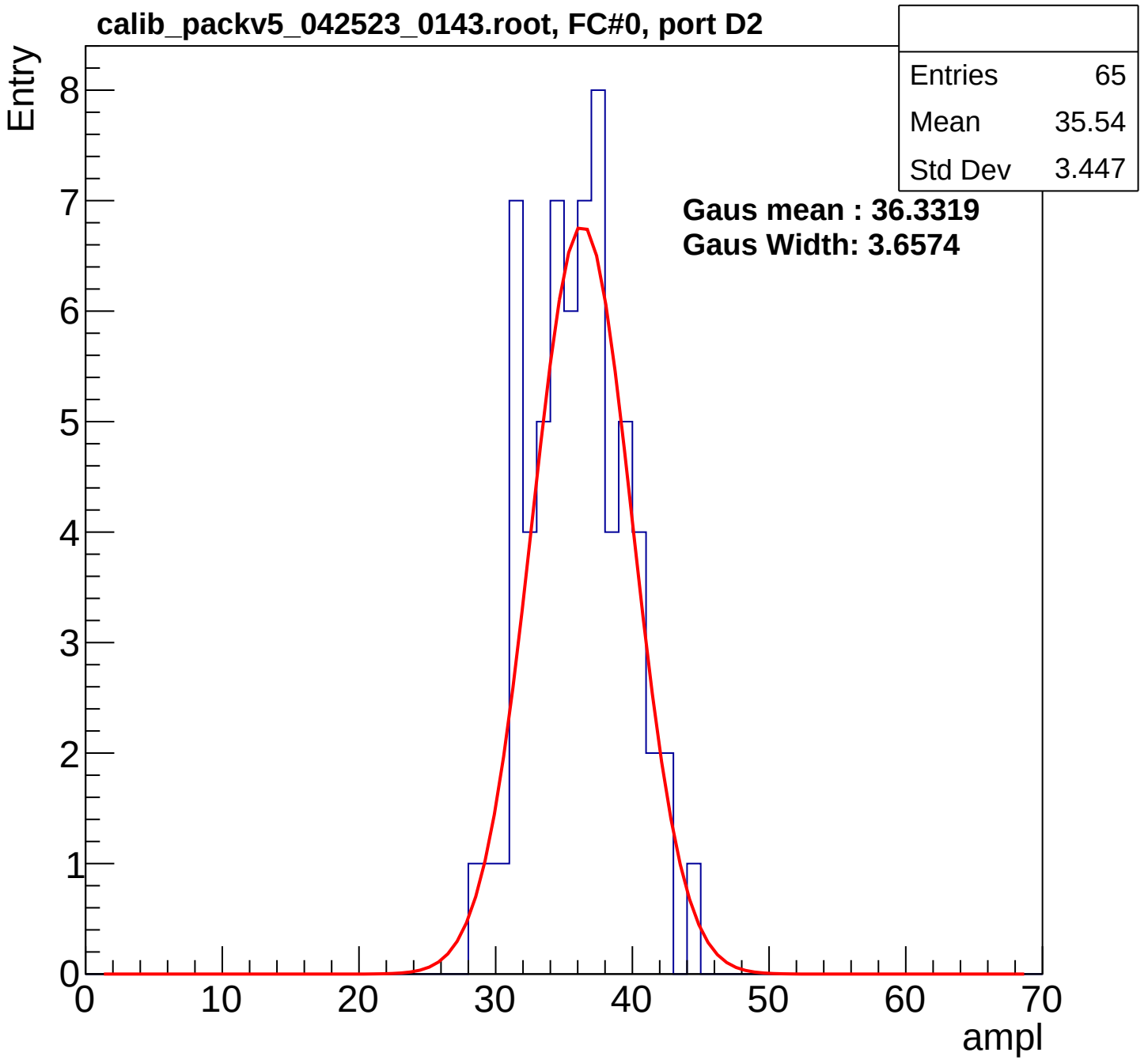

B1L101S, U19-ch15, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 61
Std Dev 2.268
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch15, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch16, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 28.41
Std Dev 3.9
Gaus mean : 29.1319
Gaus Width: 3.5374
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch16, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 35.54
Std Dev 3.447
Gaus mean : 36.3319
Gaus Width: 3.6574
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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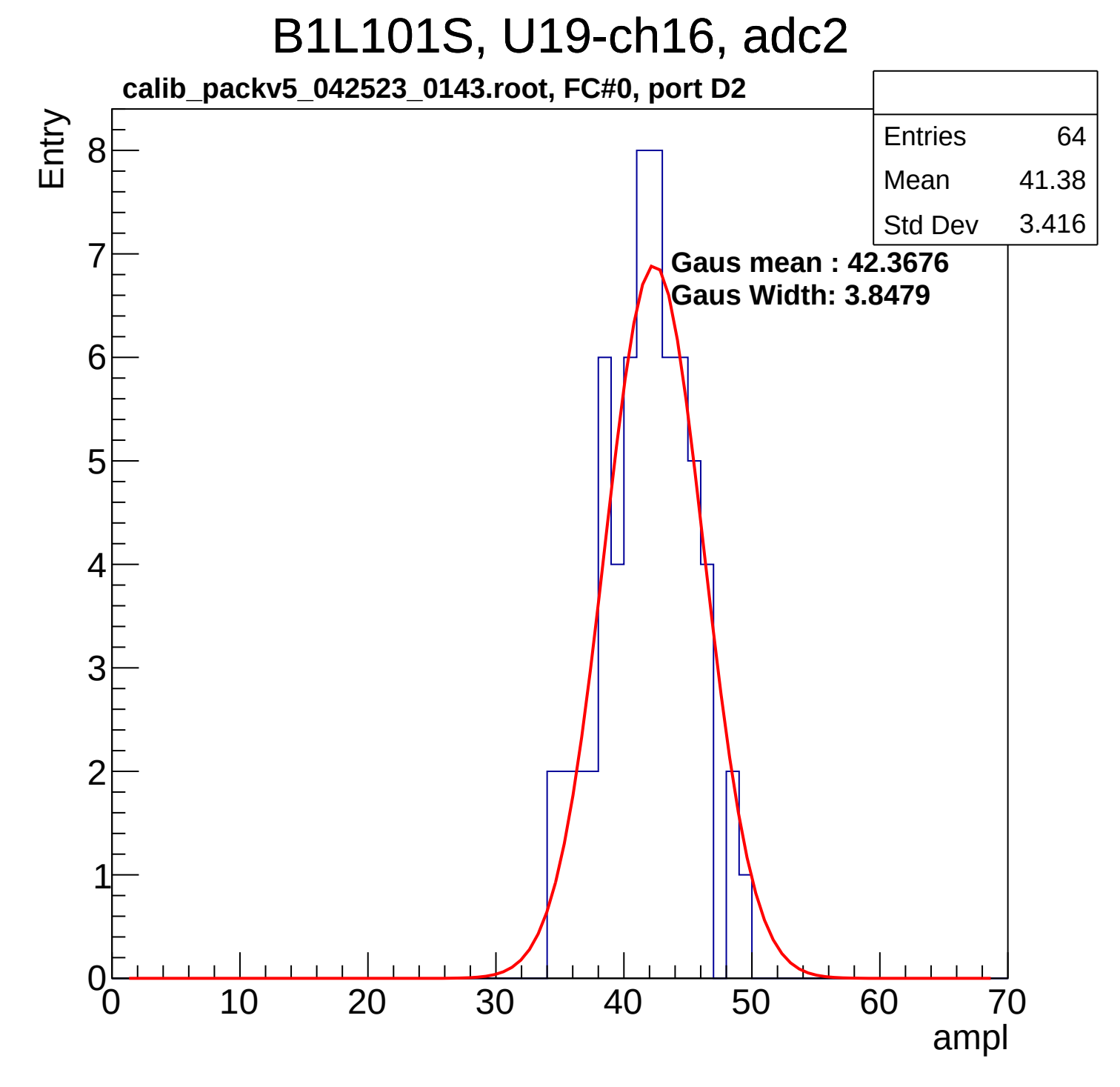
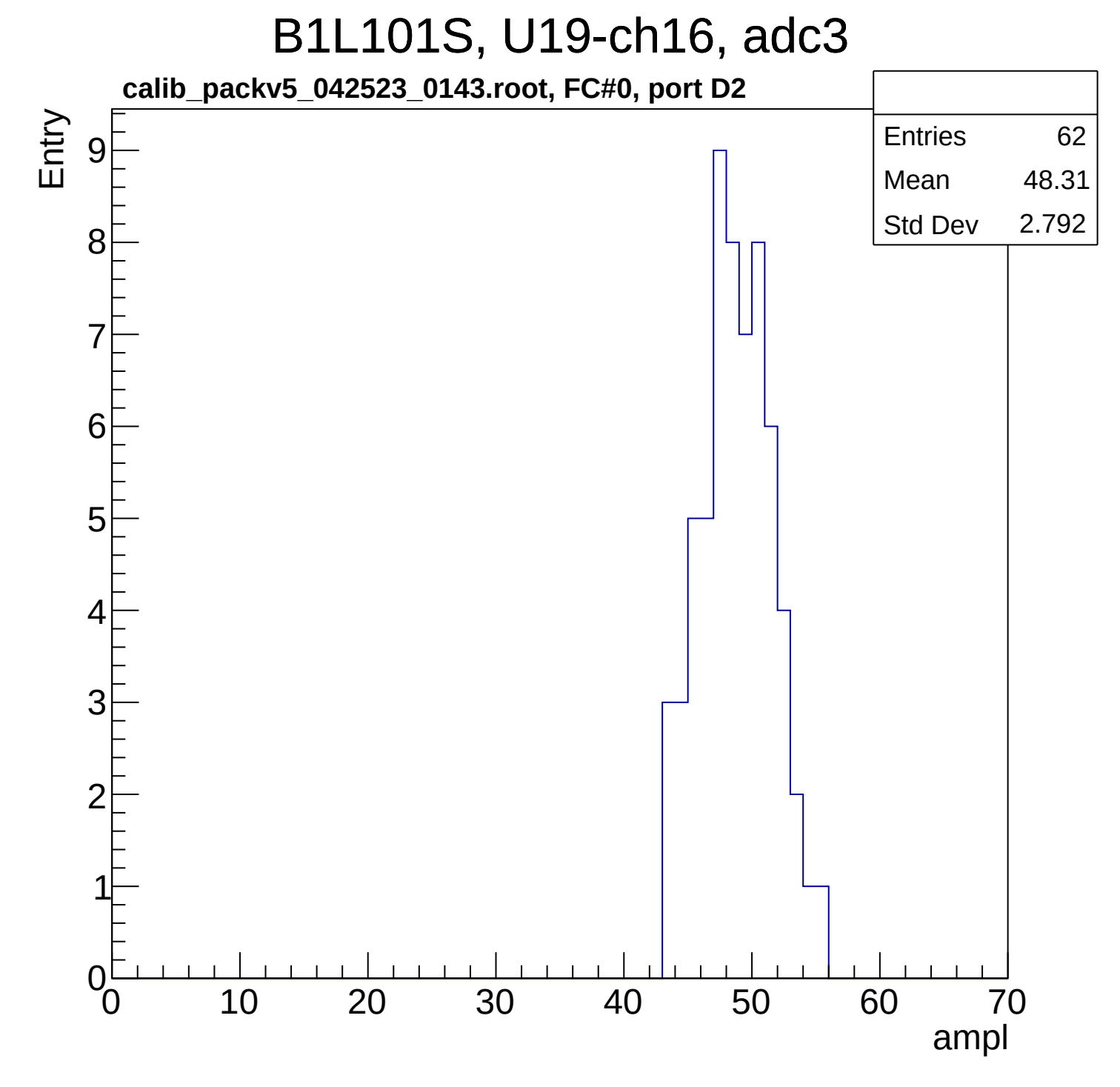
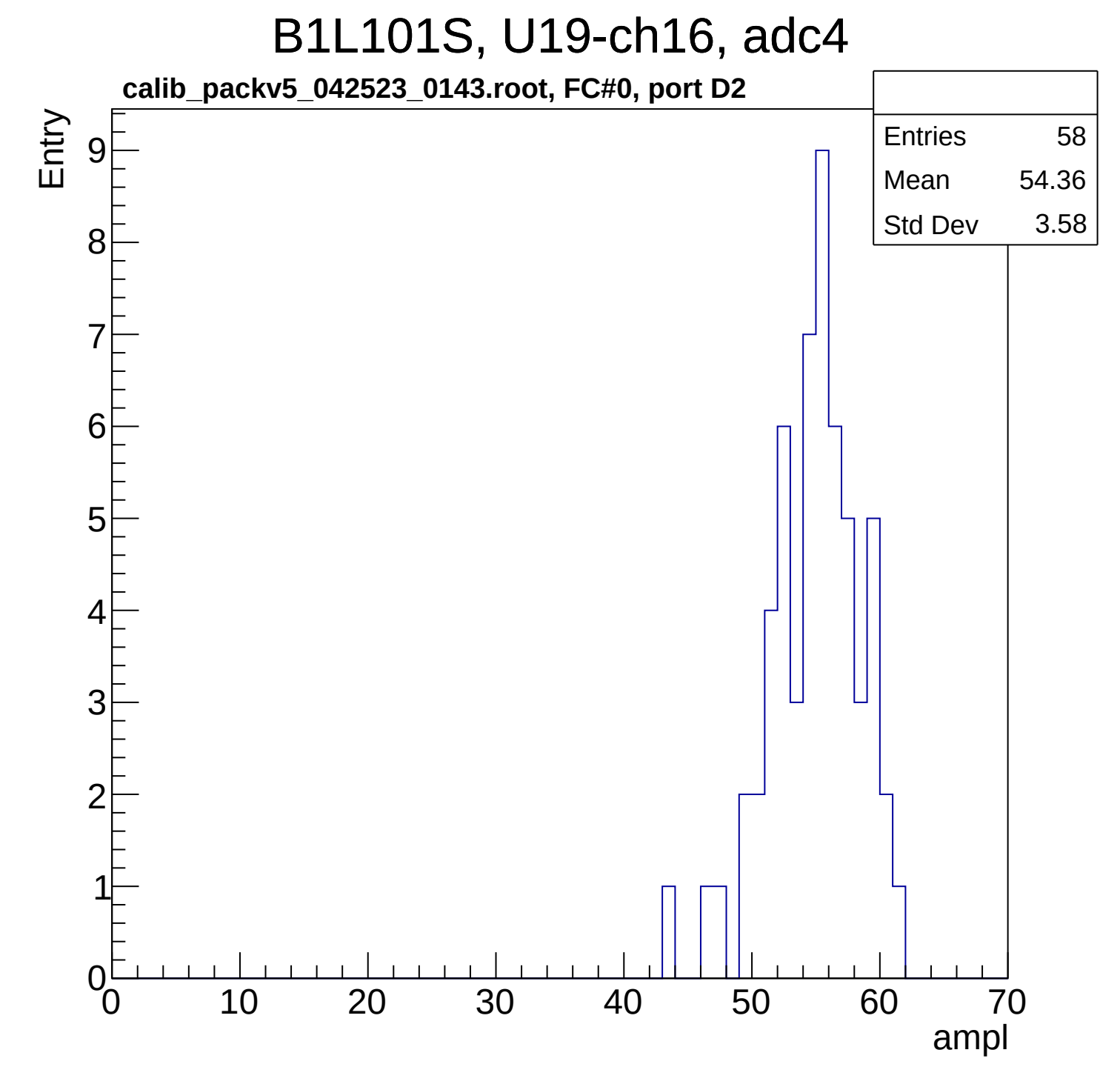
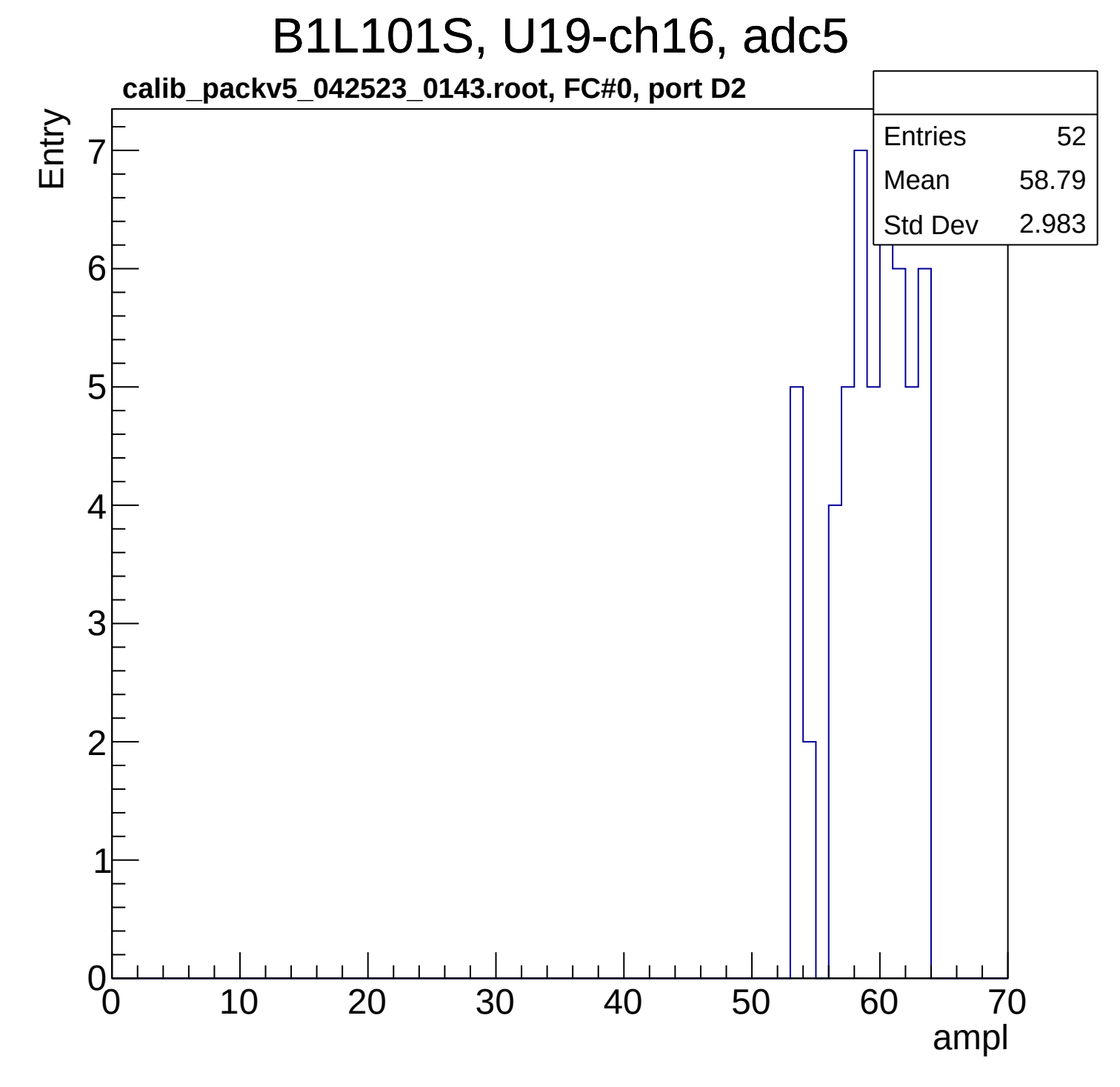
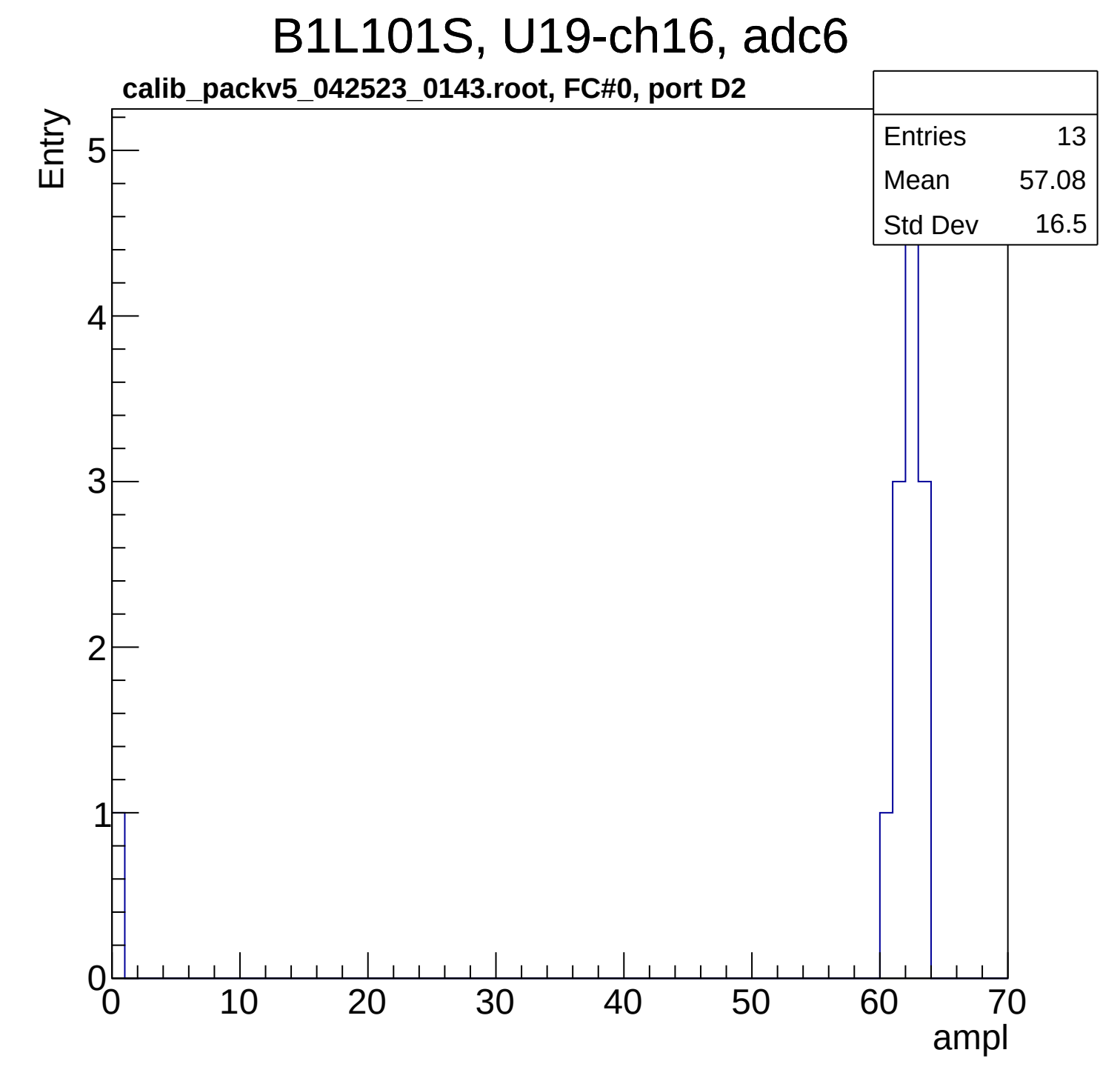
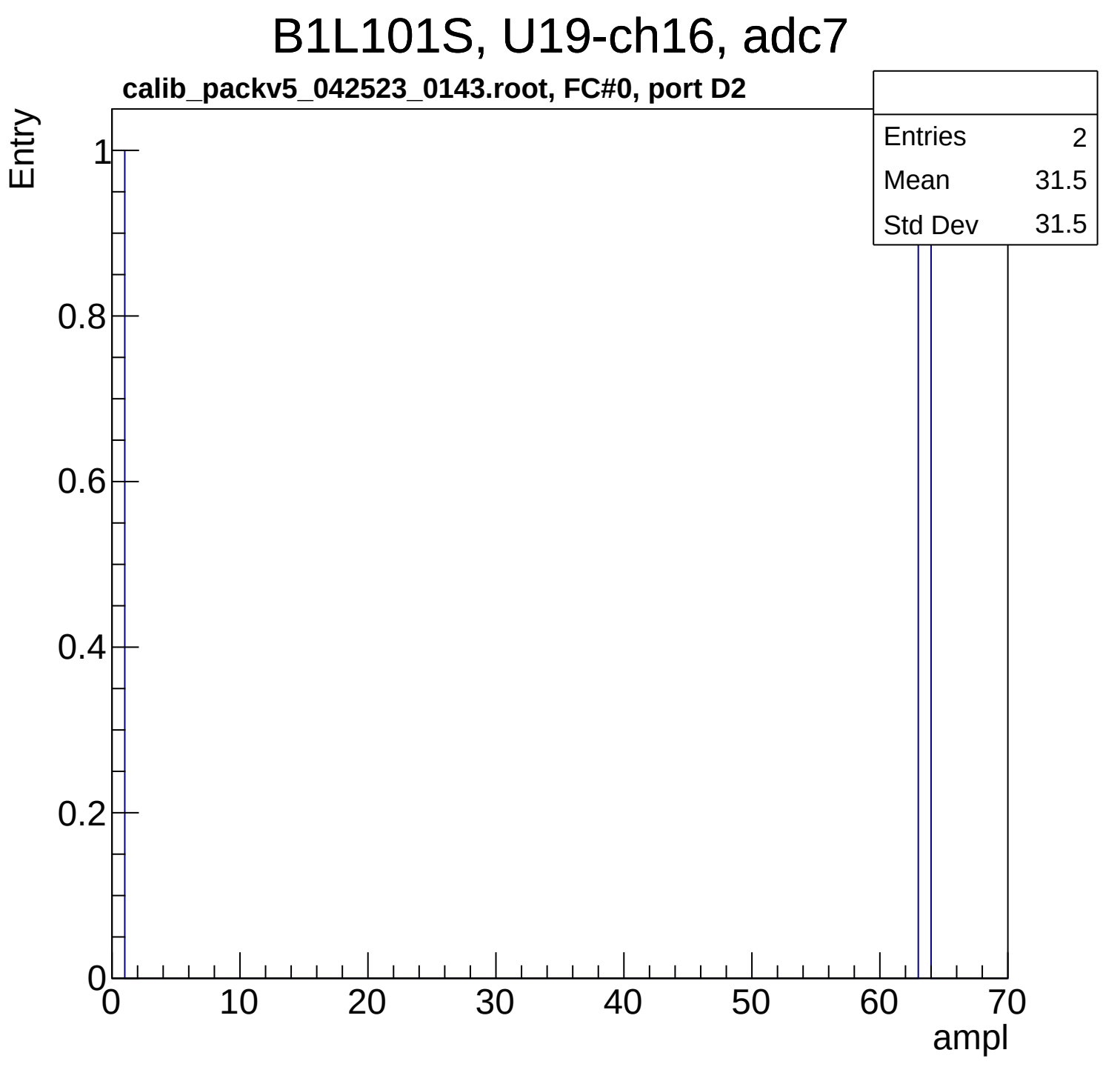

B1L101S, U19-ch16, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 41.38
Std Dev 3.416
Gaus mean : 42.3676
Gaus Width: 3.8479
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

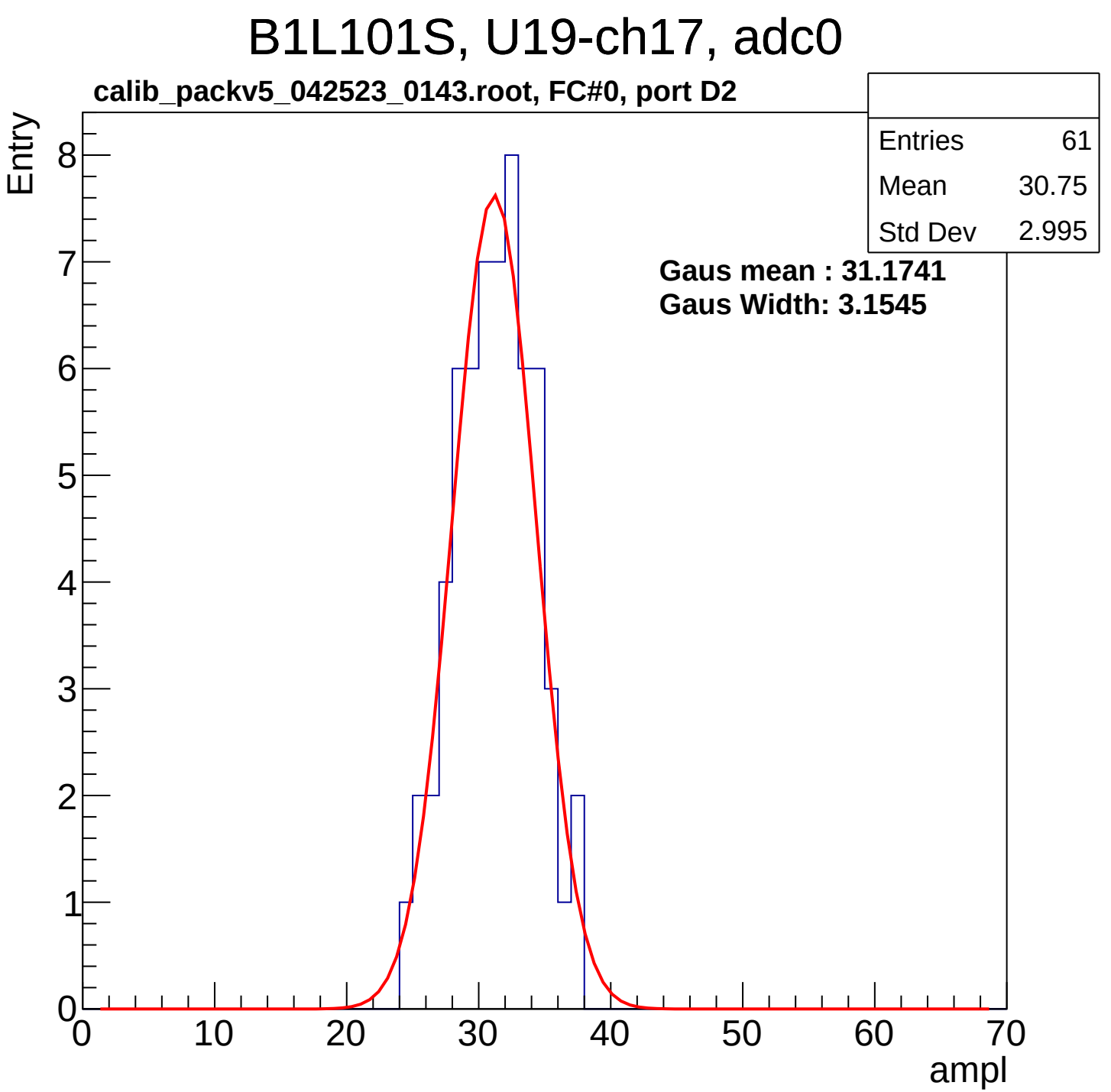

B1L101S, U19-ch16, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 48.31
Std Dev 2.792
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

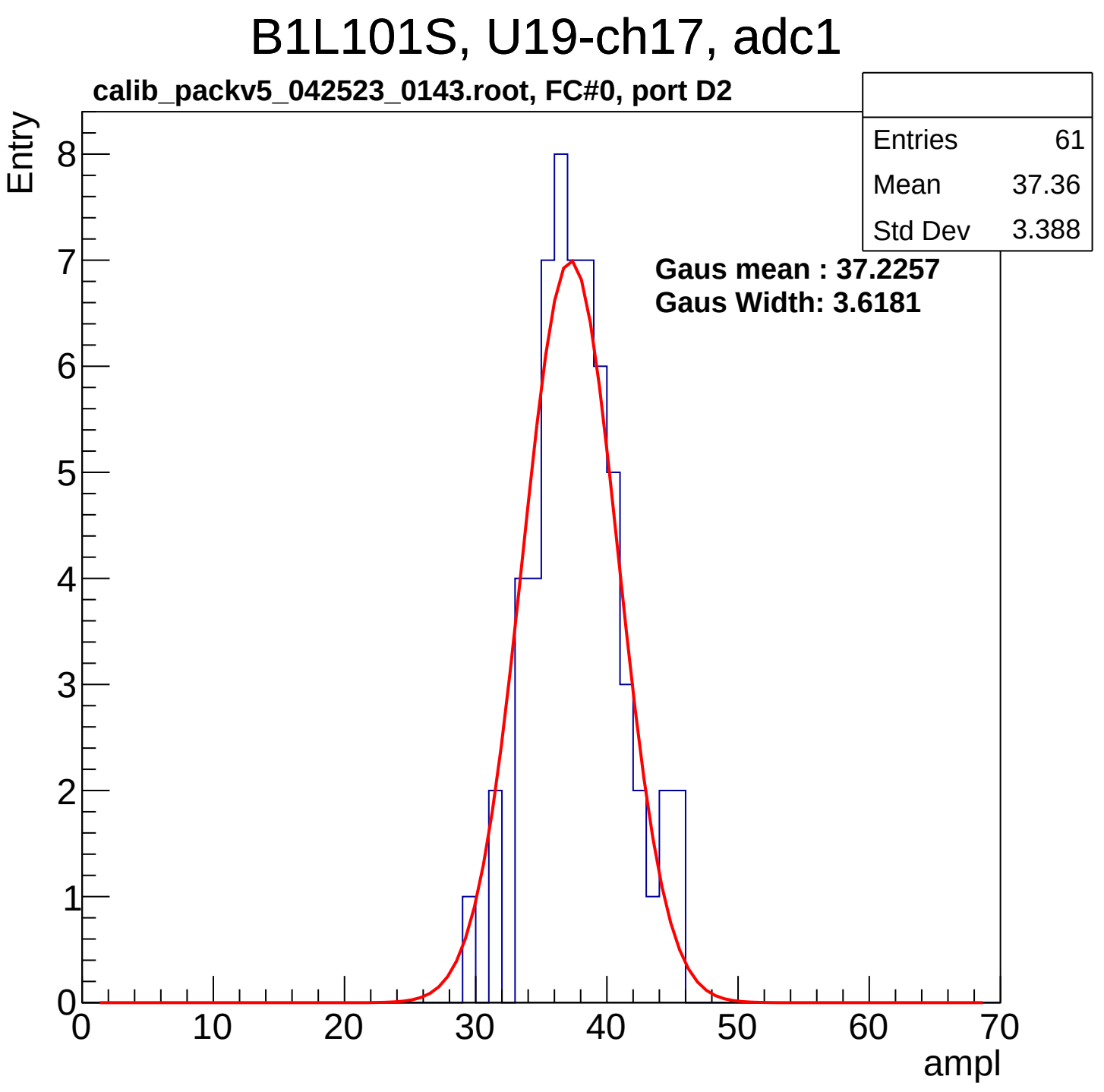

B1L101S, U19-ch16, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 54.36
Std Dev 3.58
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

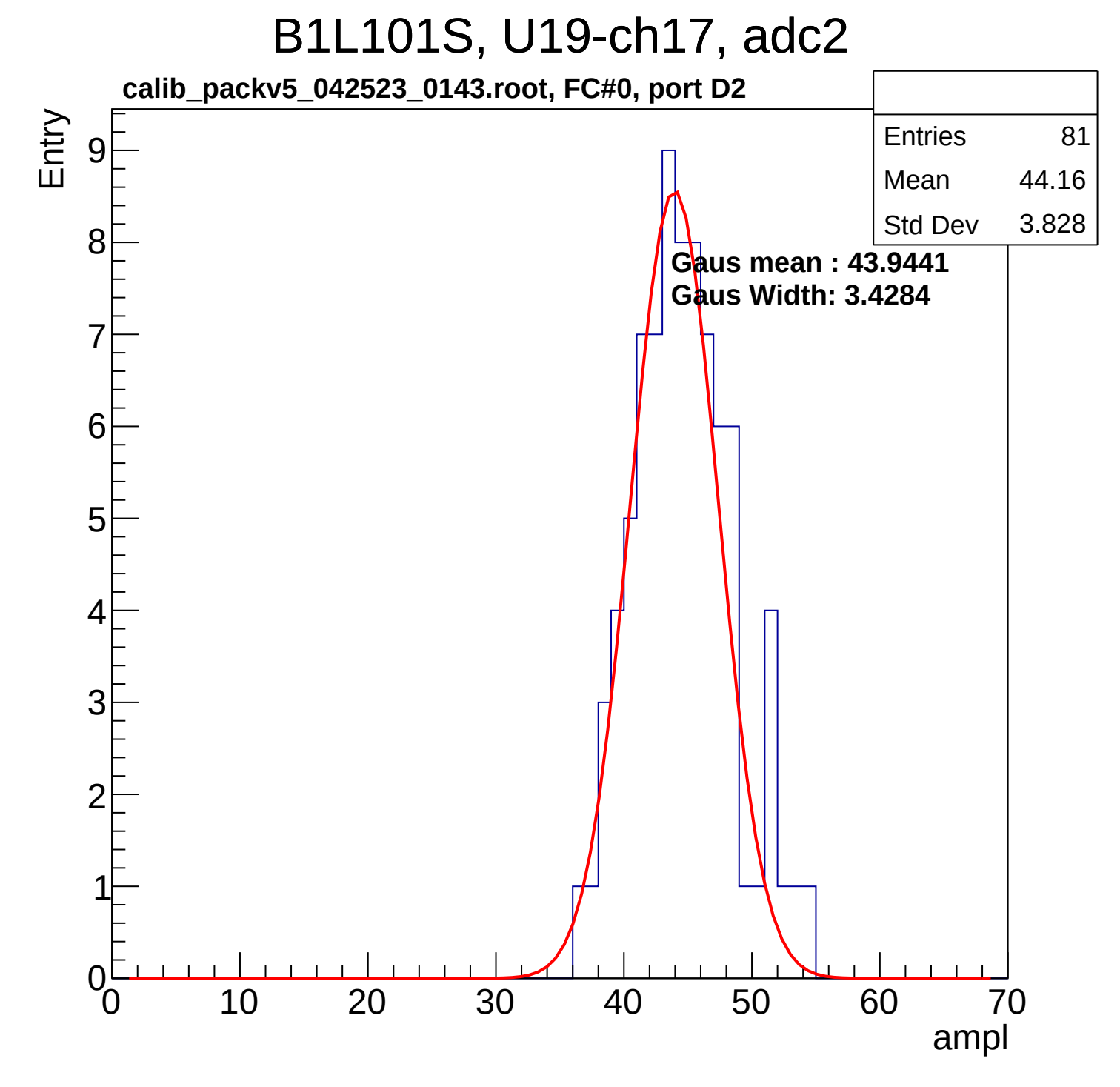

B1L101S, U19-ch16, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 58.79
Std Dev 2.983
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch16, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 13
Mean 57.08
Std Dev 16.5
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L101S, U19-ch16, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch17, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 30.75
Std Dev 2.995
Gaus mean : 31.1741
Gaus Width: 3.1545
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch17, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 37.36
Std Dev 3.388
Gaus mean : 37.2257
Gaus Width: 3.6181
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch17, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 44.16
Std Dev 3.828
Gaus mean : 43.9441
Gaus Width: 3.4284
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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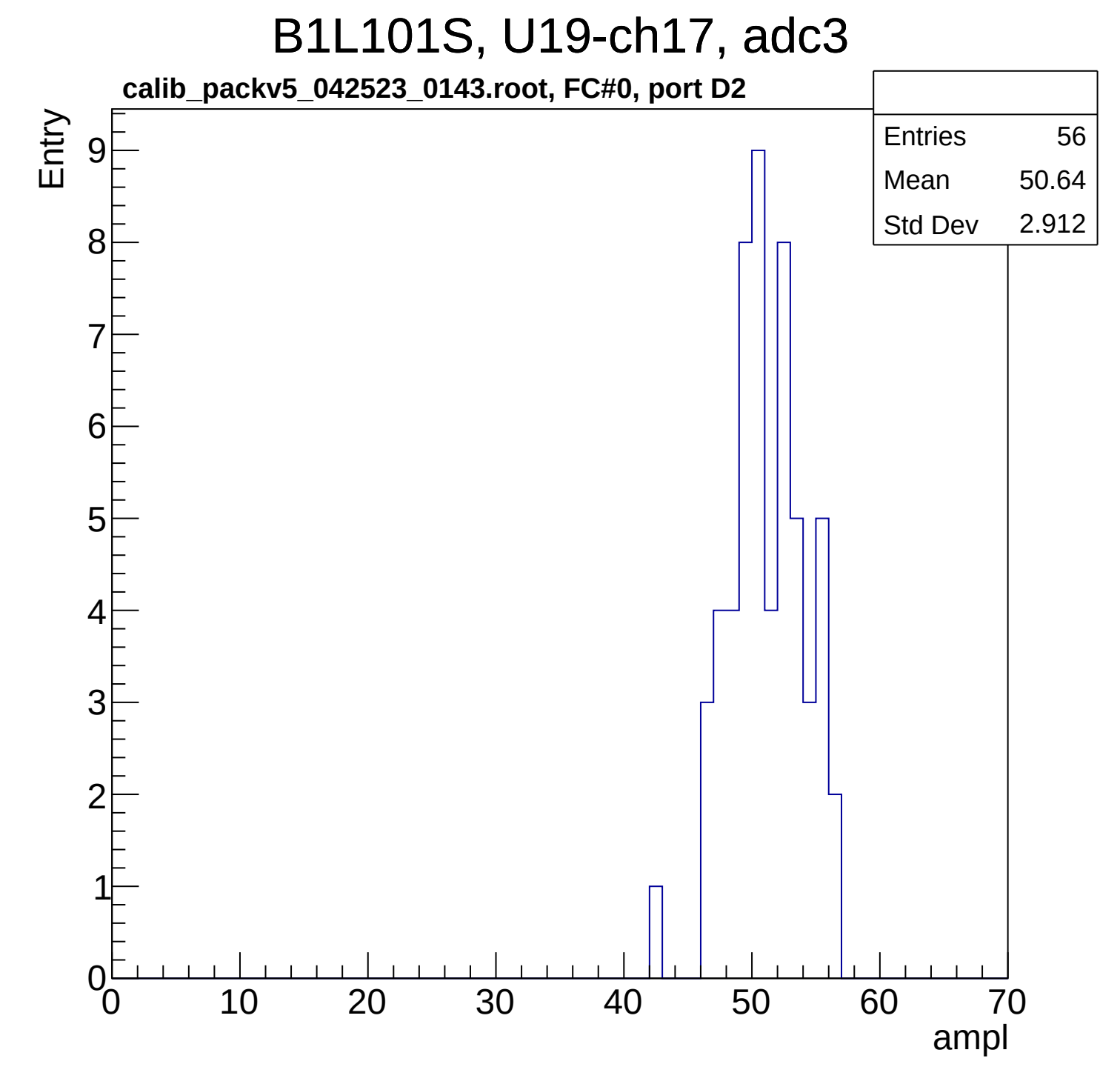
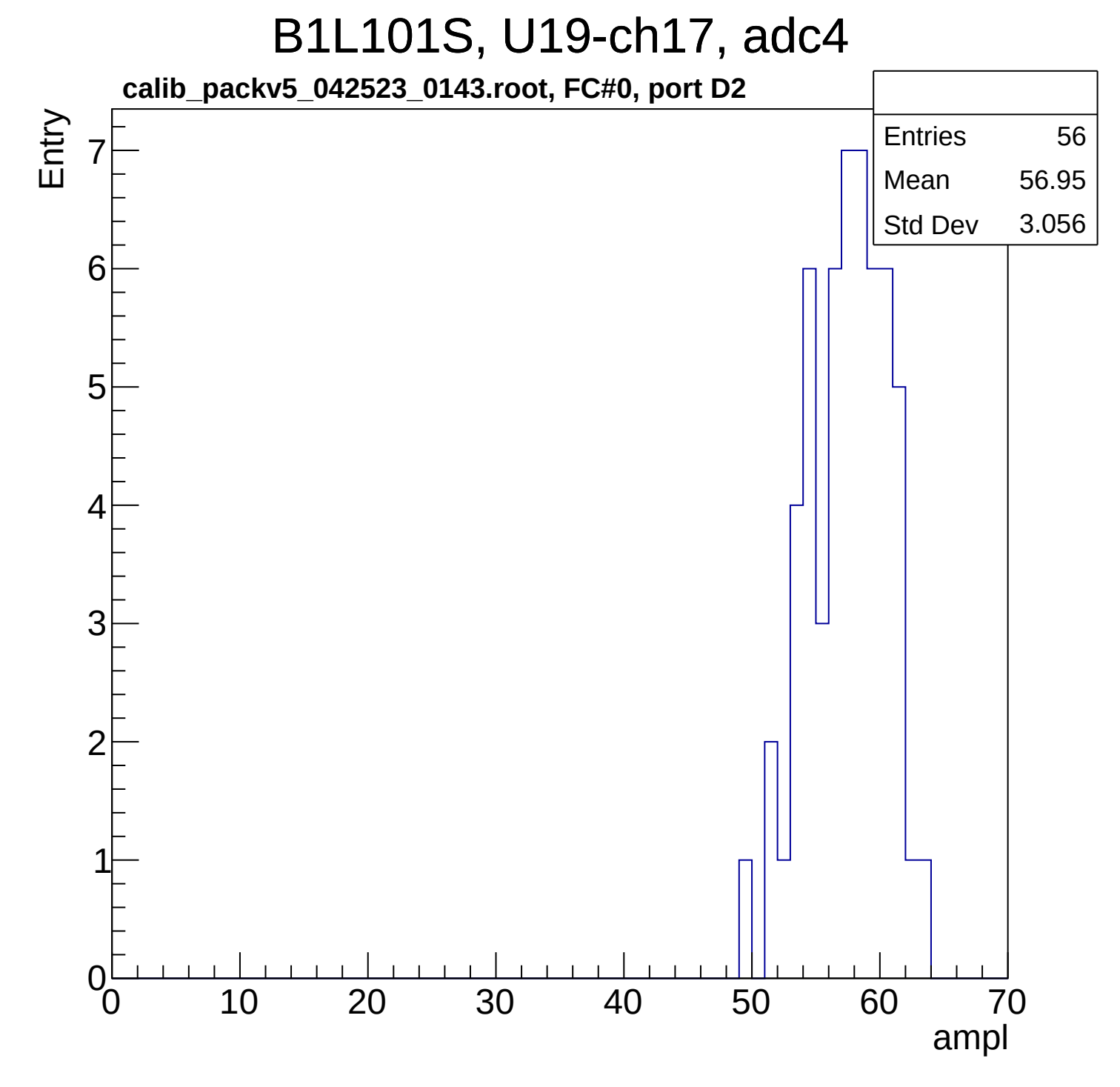

B1L101S, U19-ch17, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 50.64
Std Dev 2.912
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch17, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 56.95
Std Dev 3.056
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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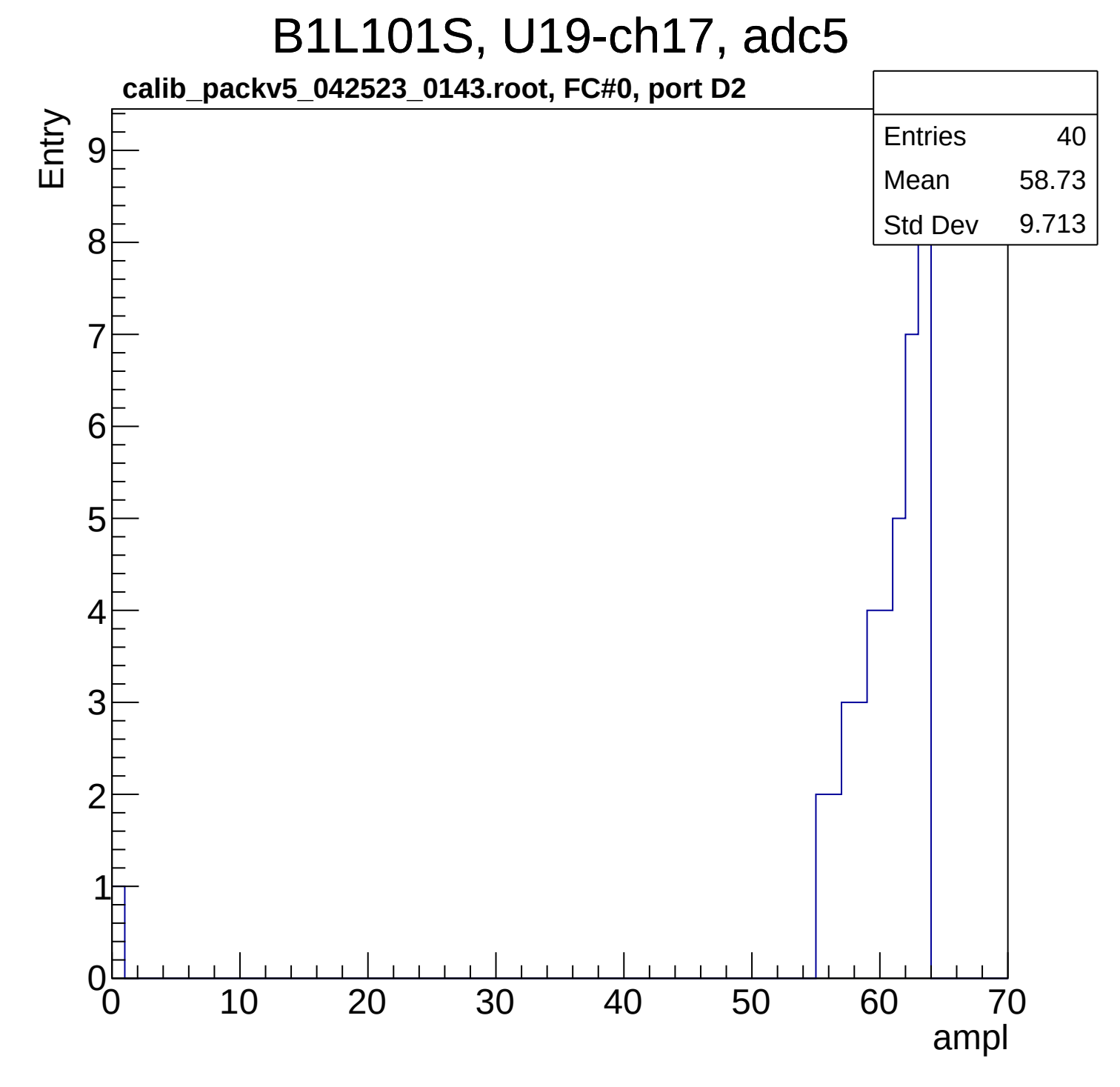
B1L101S, U19-ch17, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 58.73
Std Dev 9.713
Entry
ampl
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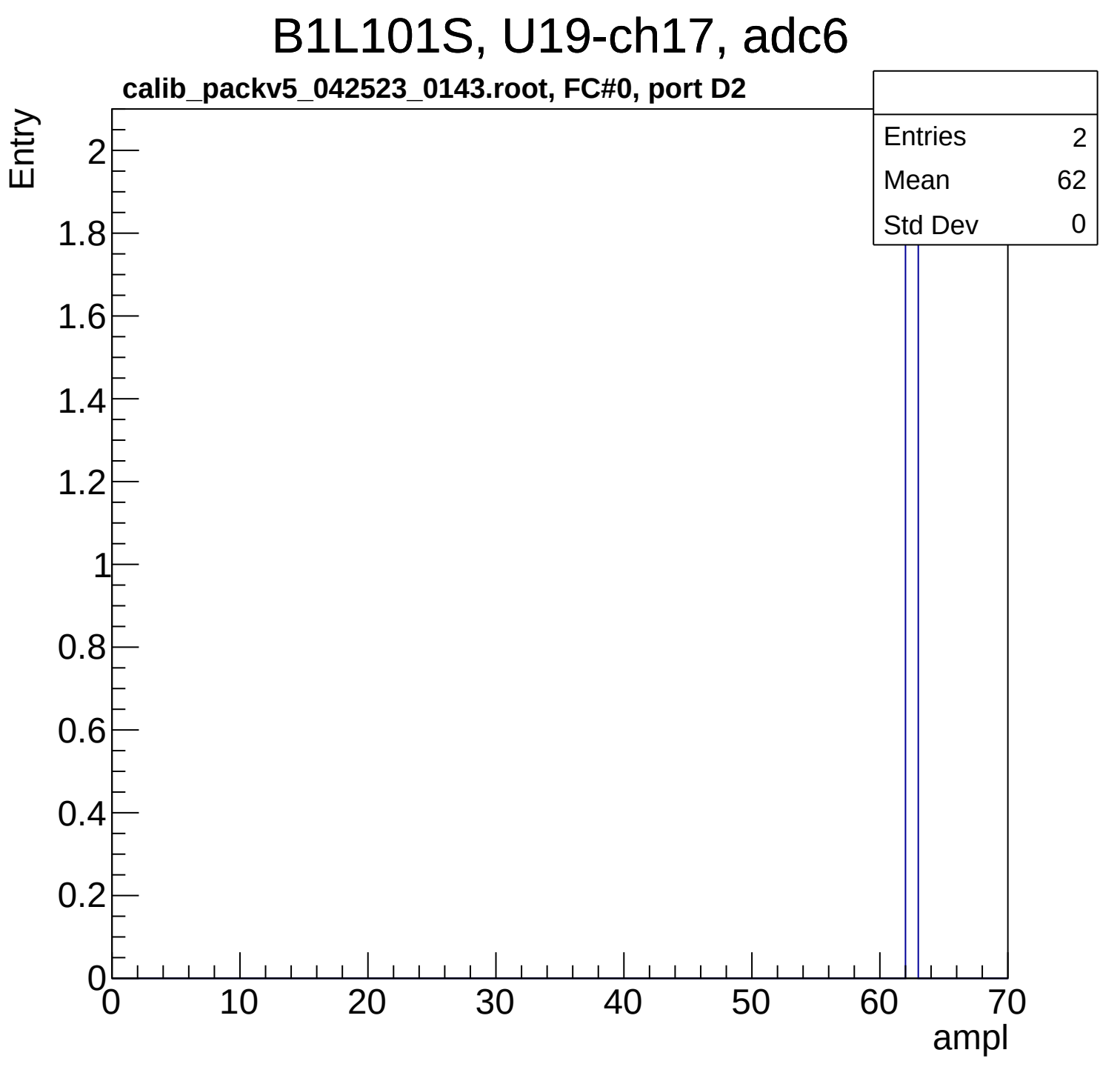
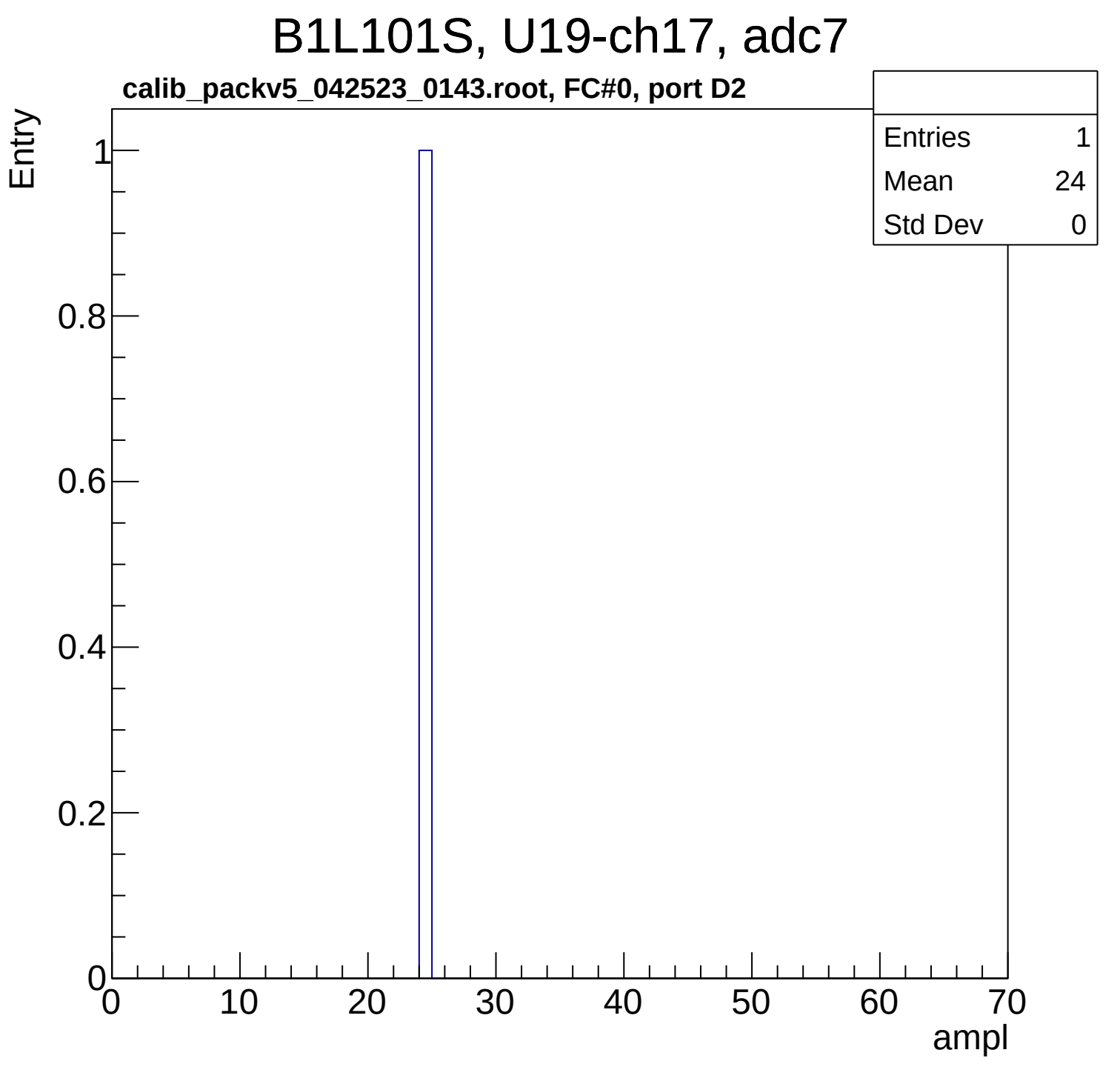
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch17, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch17, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 24
Std Dev 0
Entry
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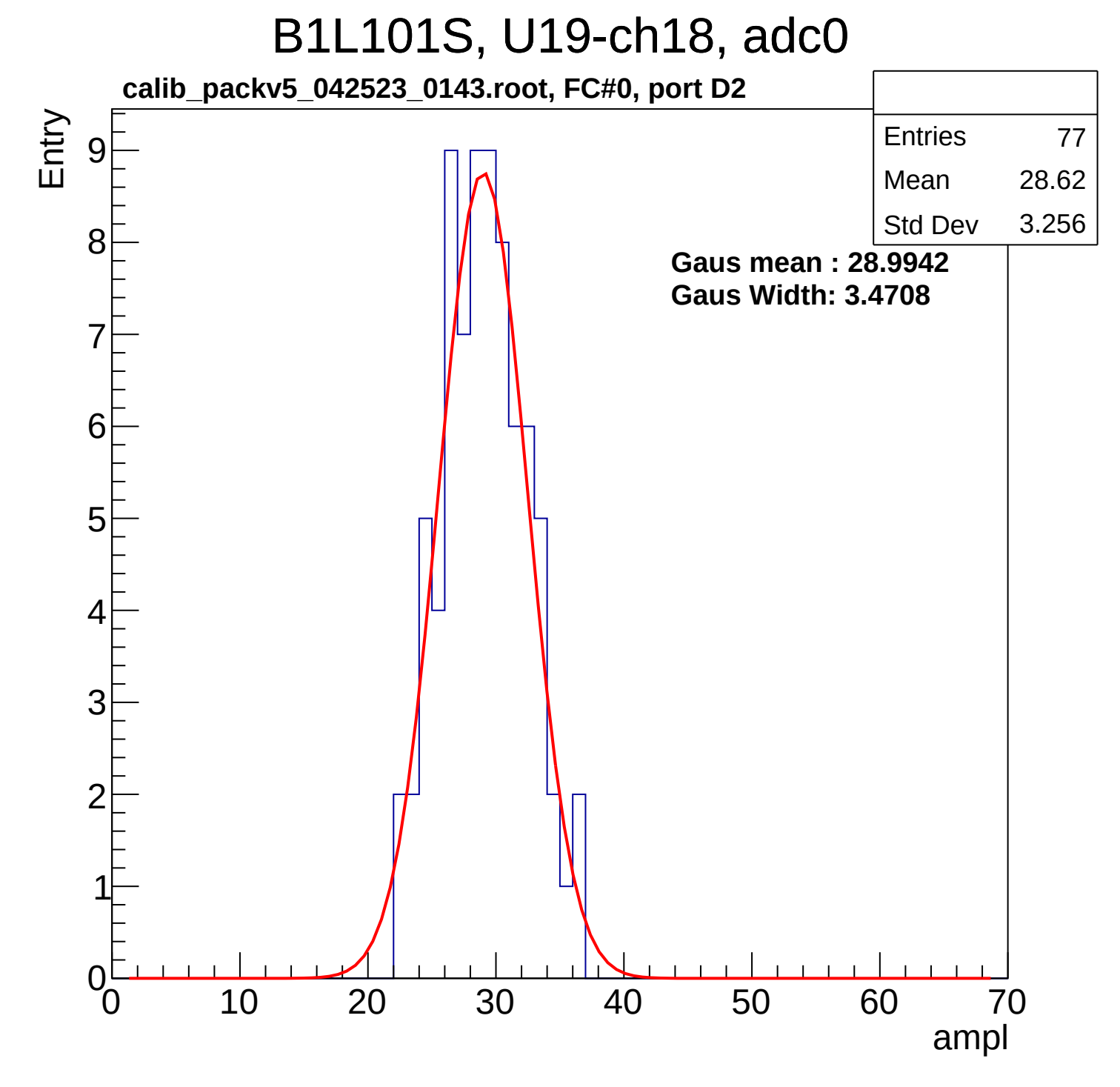
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch18, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 28.62
Std Dev 3.256
Gaus mean : 28.9942
Gaus Width: 3.4708
Entry
ampl
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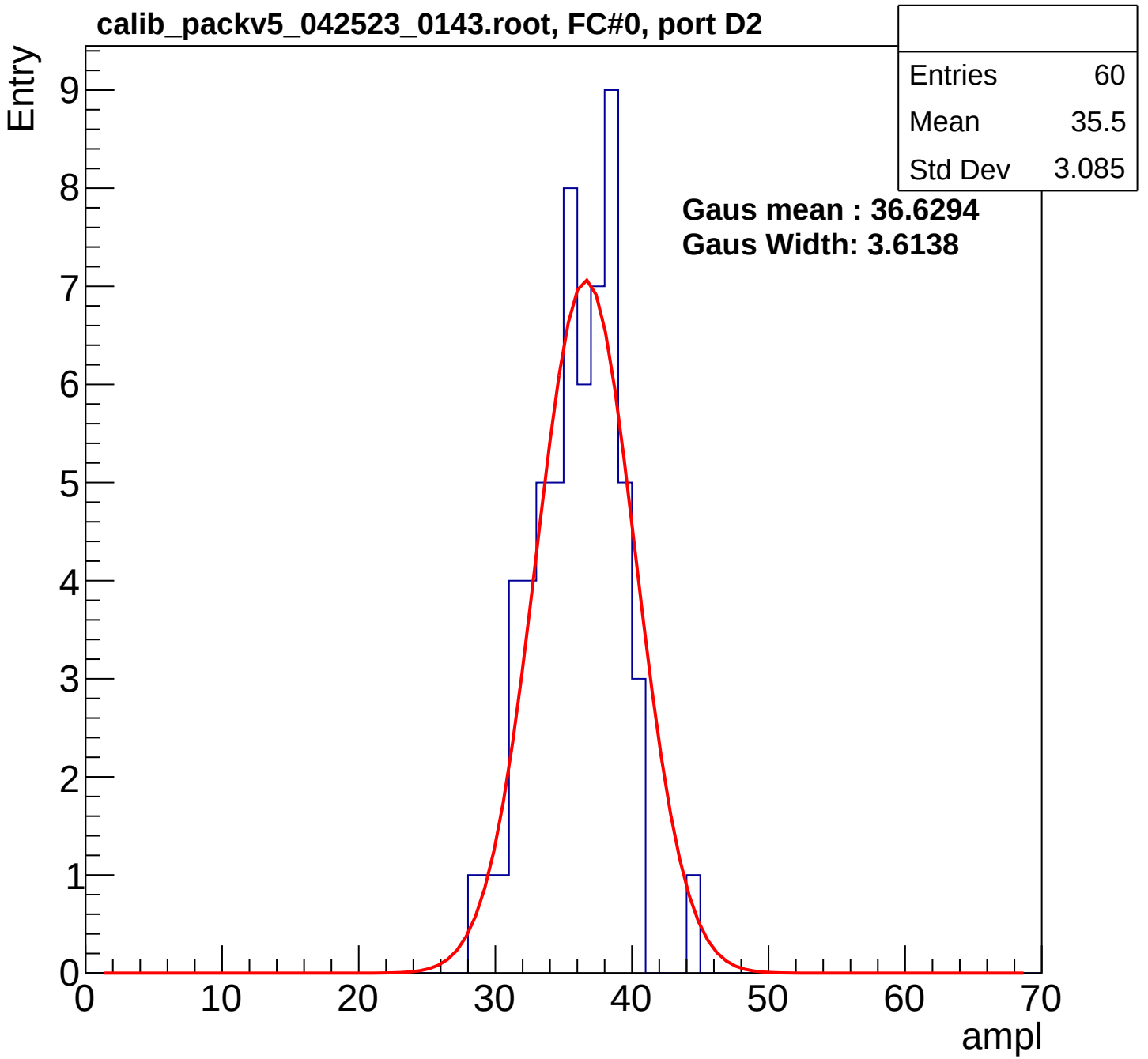
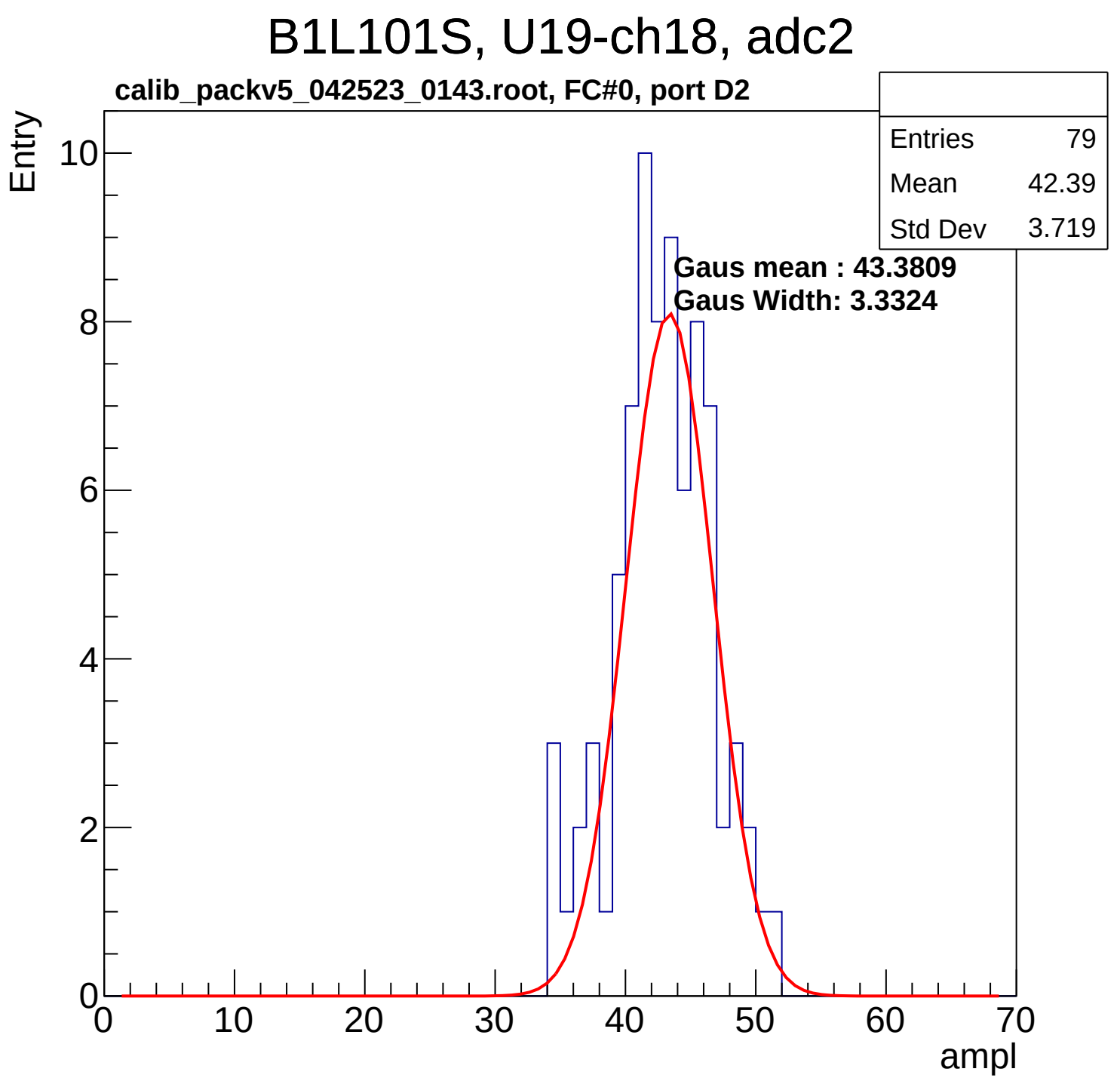
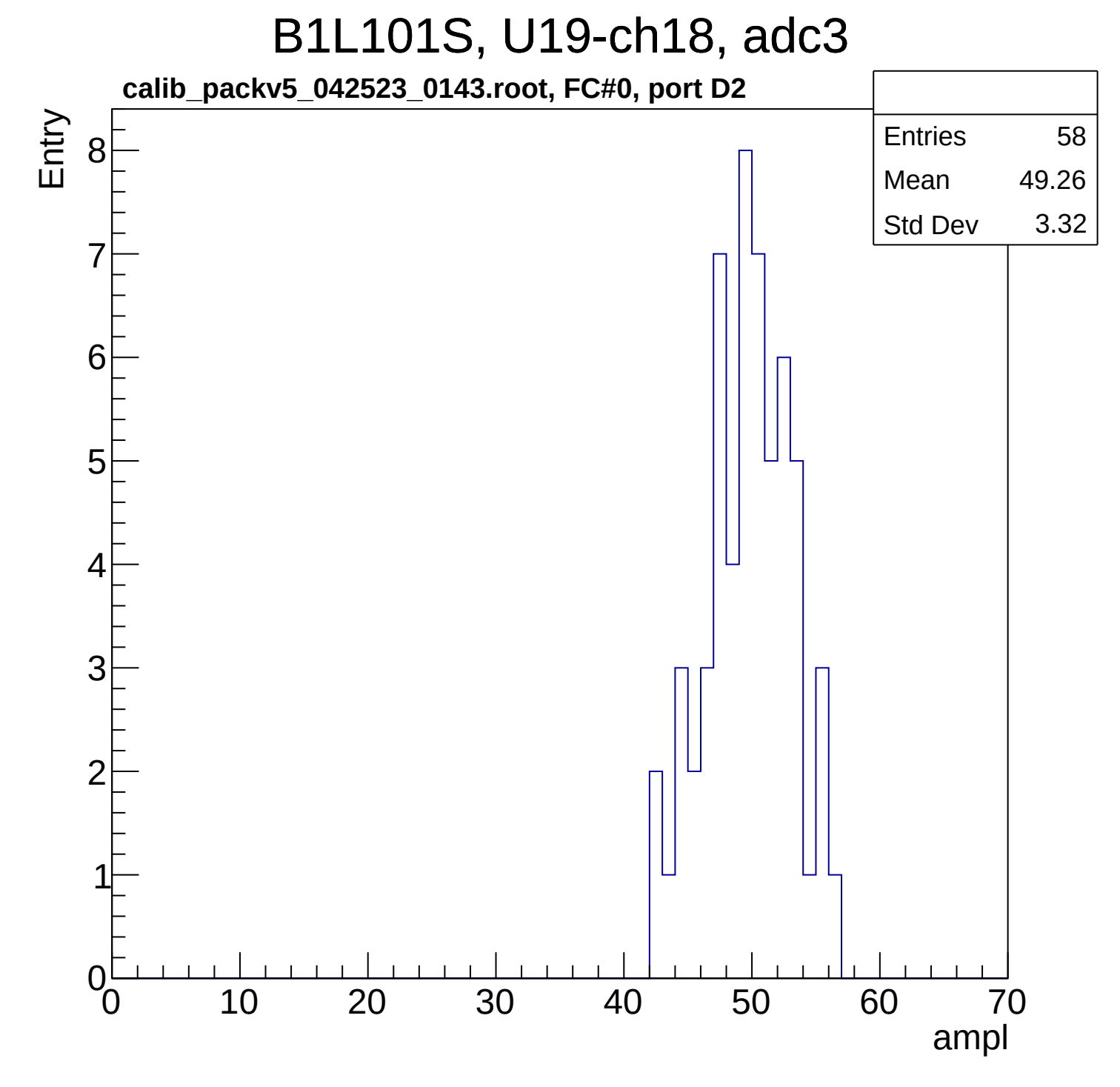
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch18, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 35.5
Std Dev 3.085
Gaus mean : 36.6294
Gaus Width: 3.6138
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch18, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 42.39
Std Dev 3.719
Gaus mean : 43.3809
Gaus Width: 3.3324
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch18, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 49.26
Std Dev 3.32
Entry
ampl
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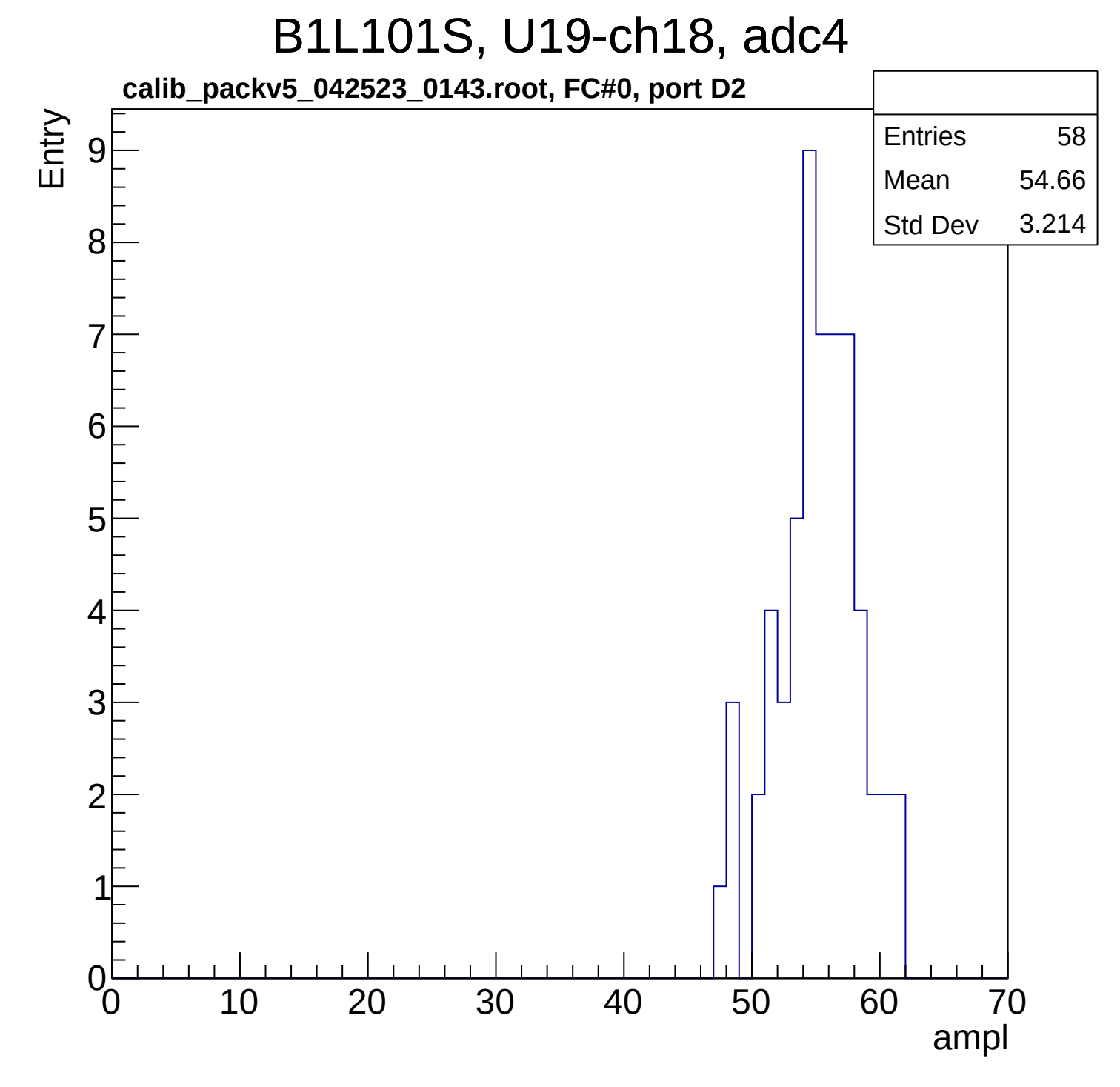
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch18, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 54.66
Std Dev 3.214
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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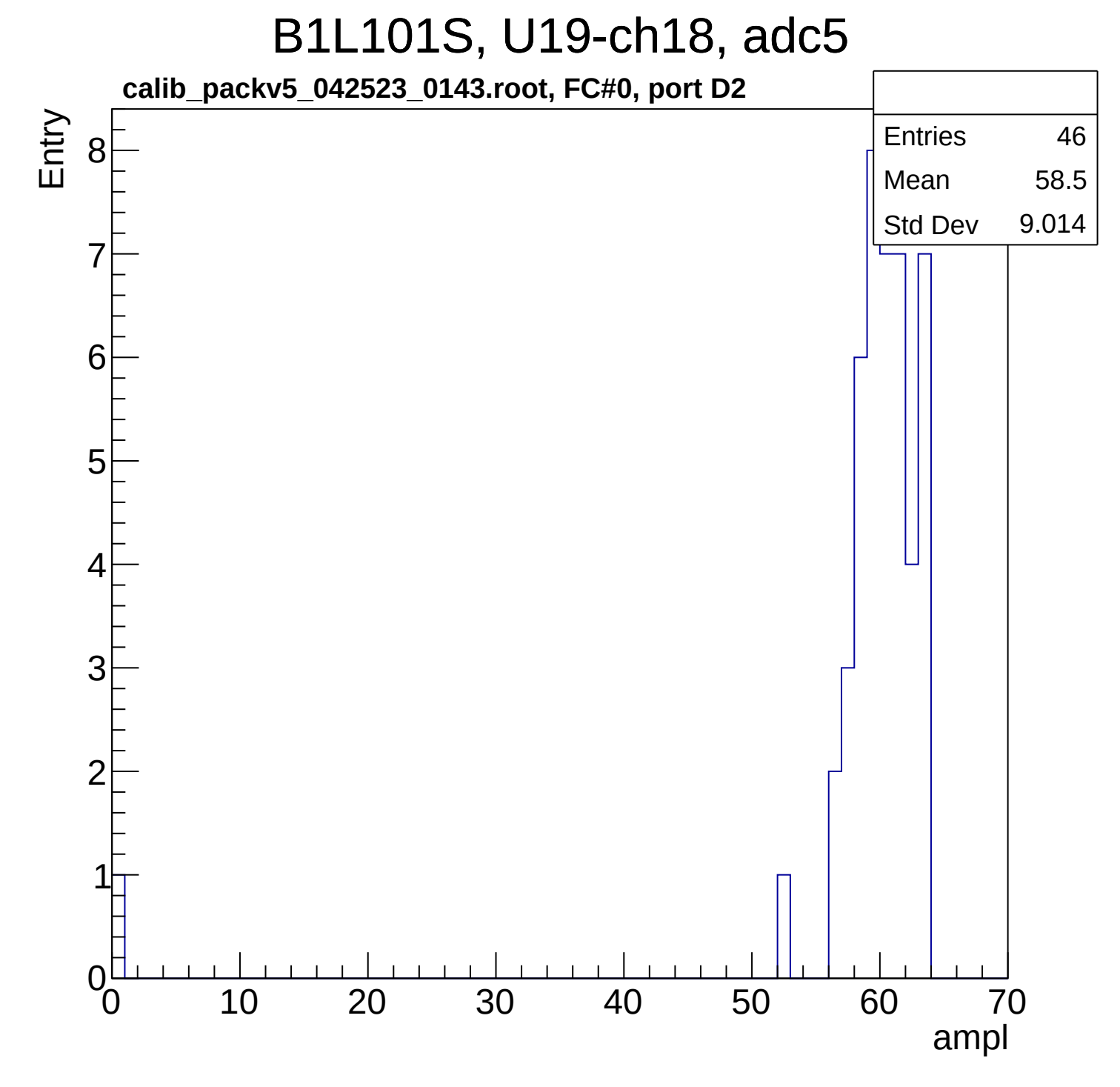
40
50
60
70


B1L101S, U19-ch18, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 58.5
Std Dev 9.014
Entry
ampl
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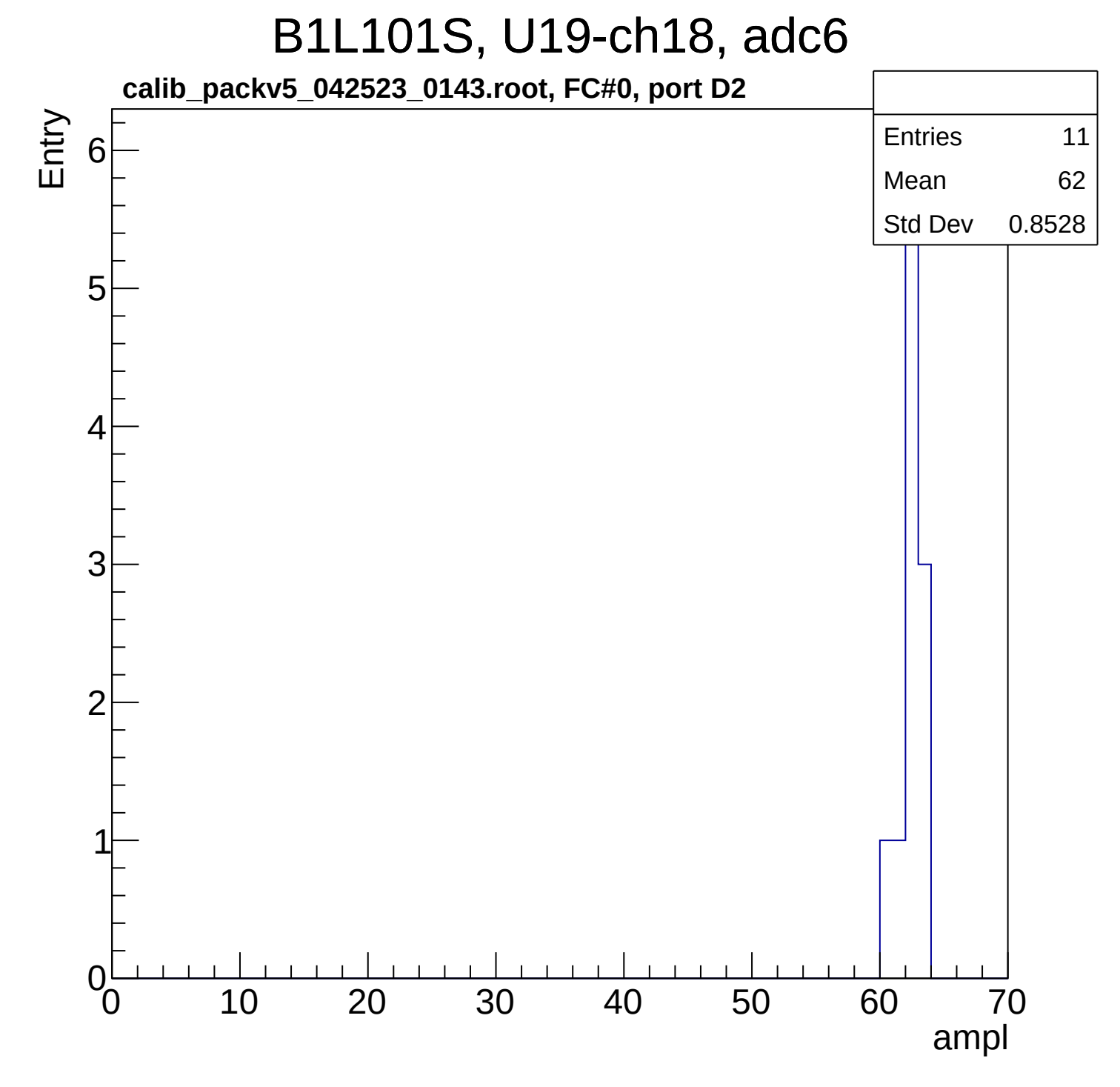
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch18, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 62
Std Dev 0.8528
Entry
0
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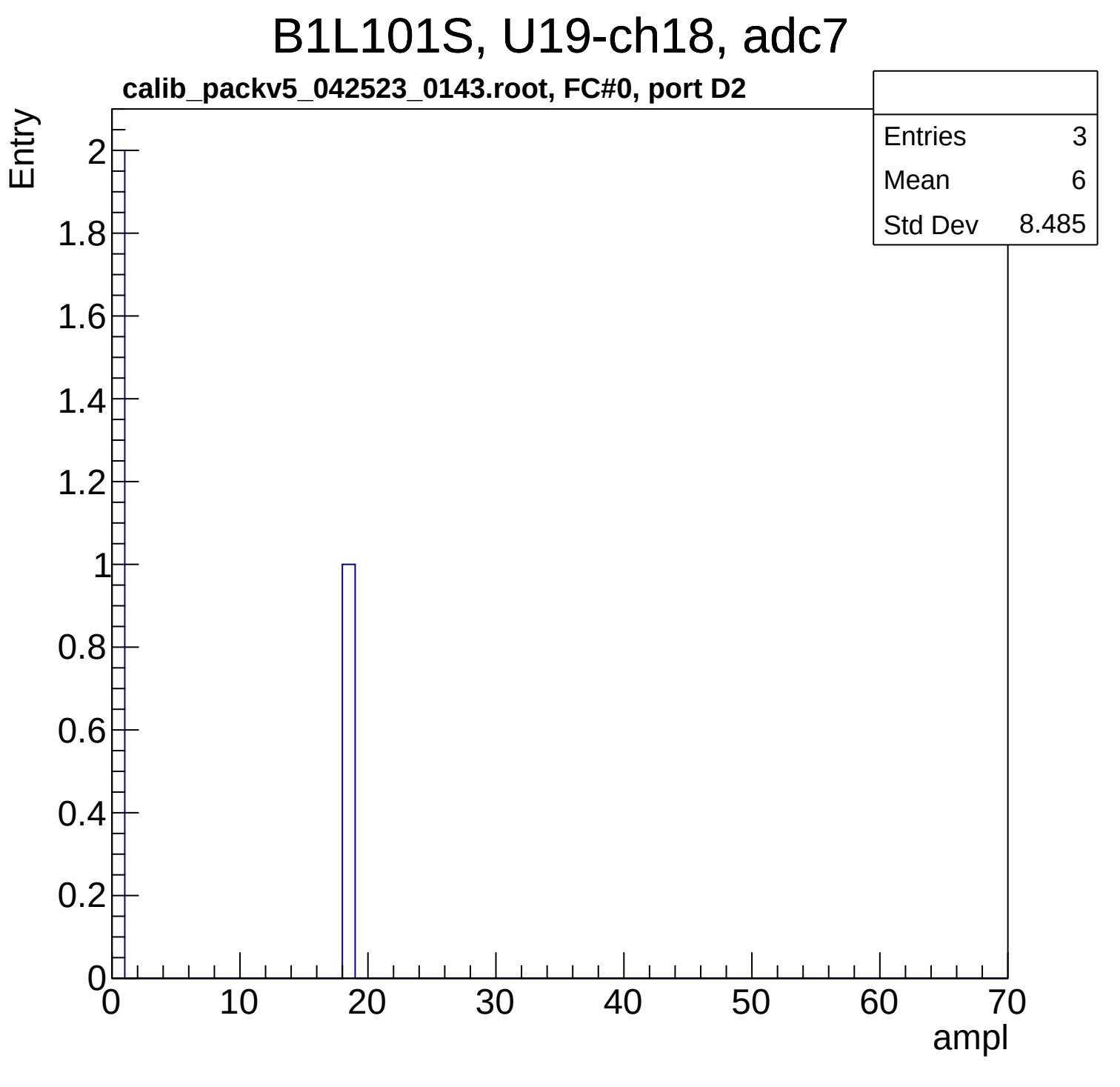
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch18, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 6
Std Dev 8.485
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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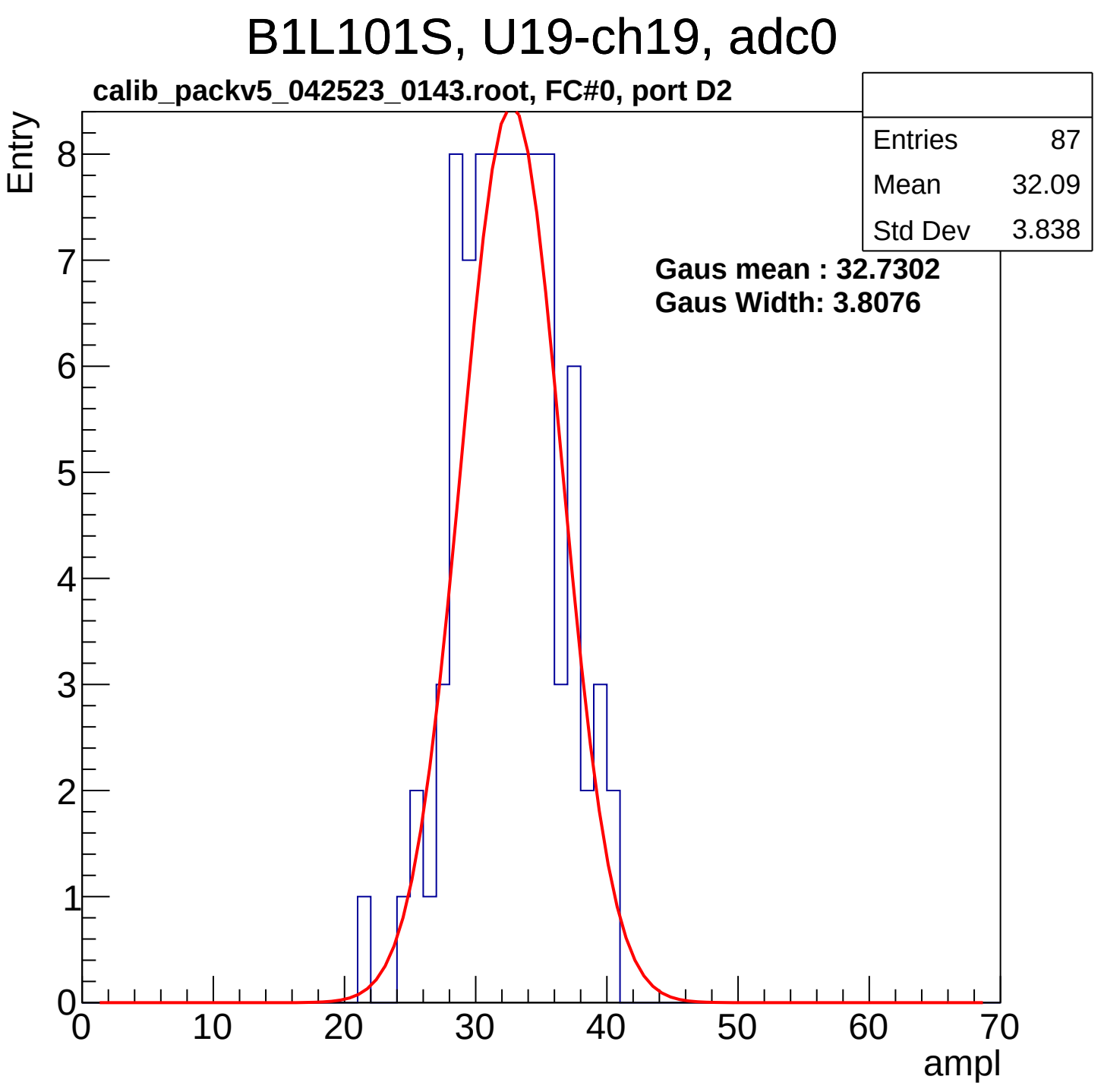
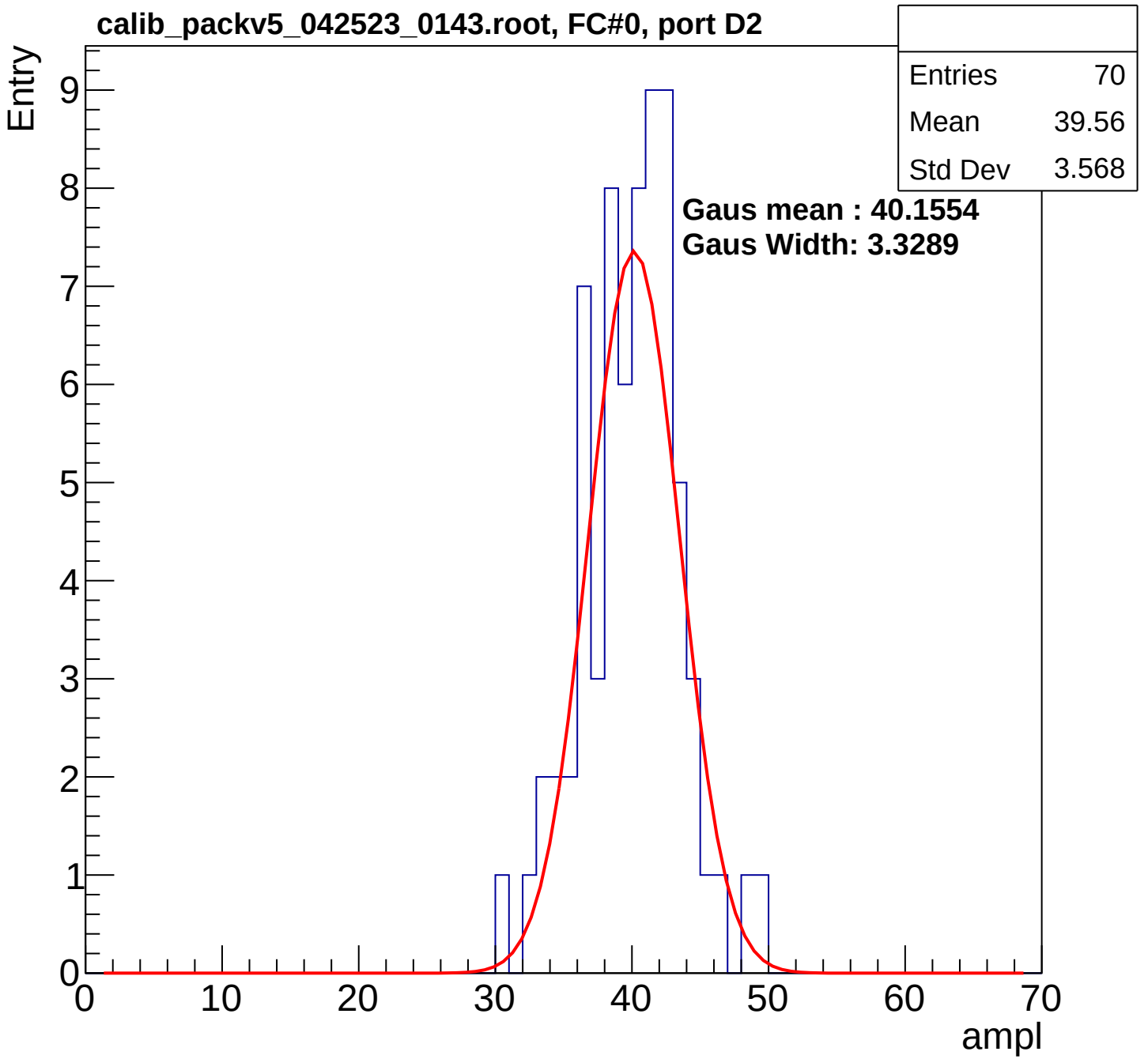

B1L101S, U19-ch19, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 87
Mean 32.09
Std Dev 3.838
Gaus mean : 32.7302
Gaus Width: 3.8076
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch19, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 39.56
Std Dev 3.568
Gaus mean : 40.1554
Gaus Width: 3.3289
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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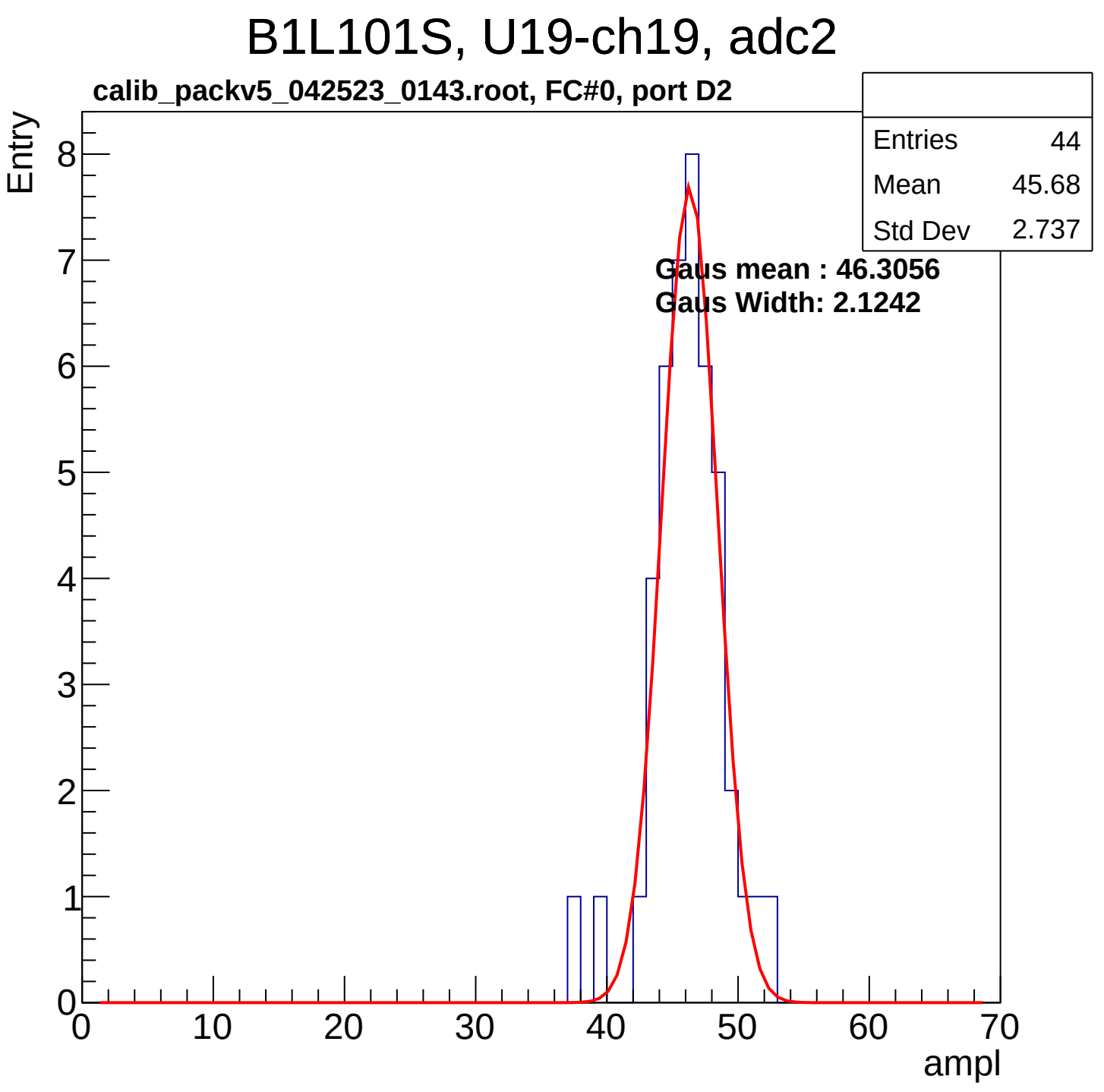
60
70


B1L101S, U19-ch19, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 45.68
Std Dev 2.737
Gaus mean : 46.3056
Gaus Width: 2.1242
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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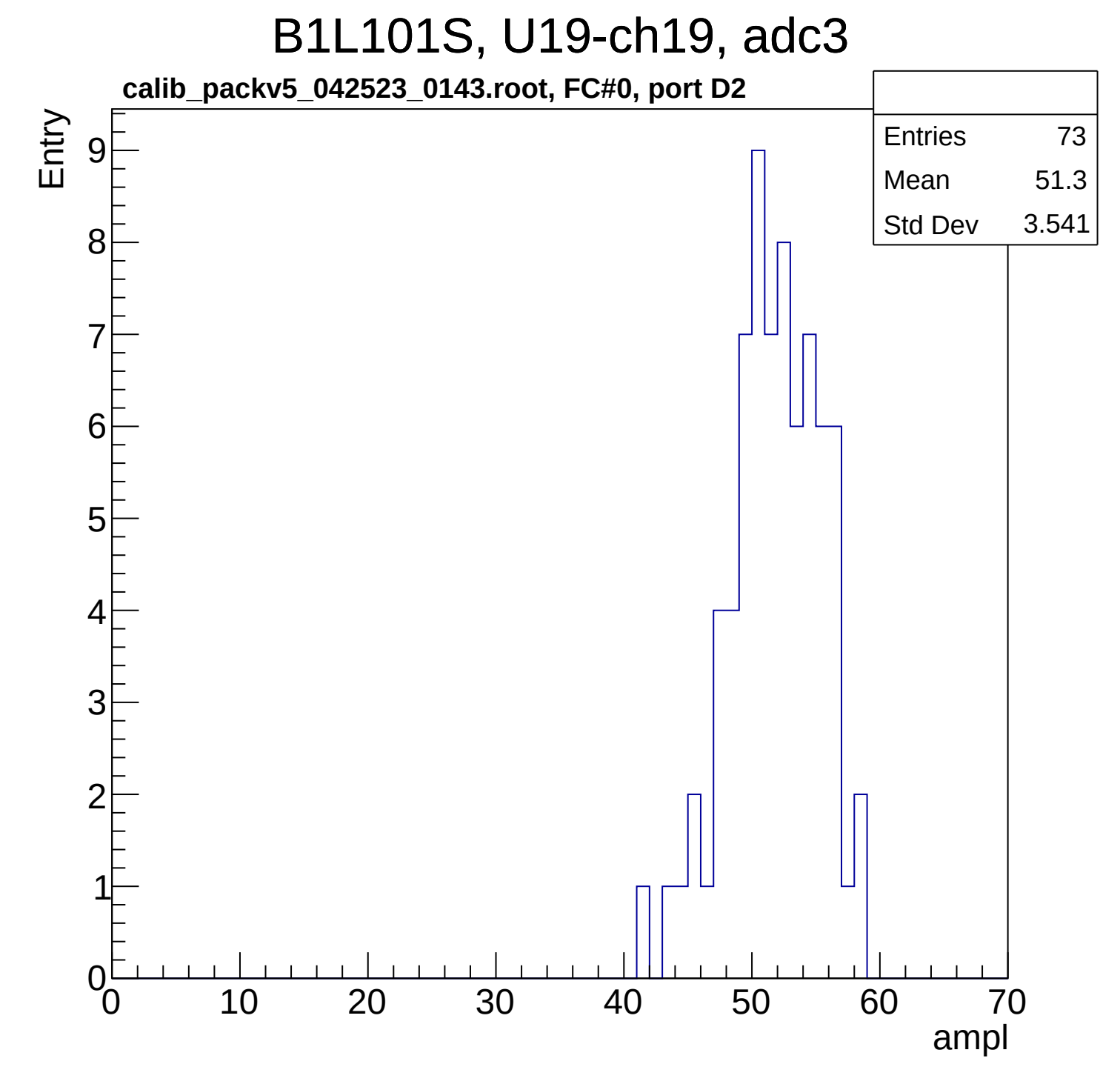
B1L101S, U19-ch19, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 51.3
Std Dev 3.541
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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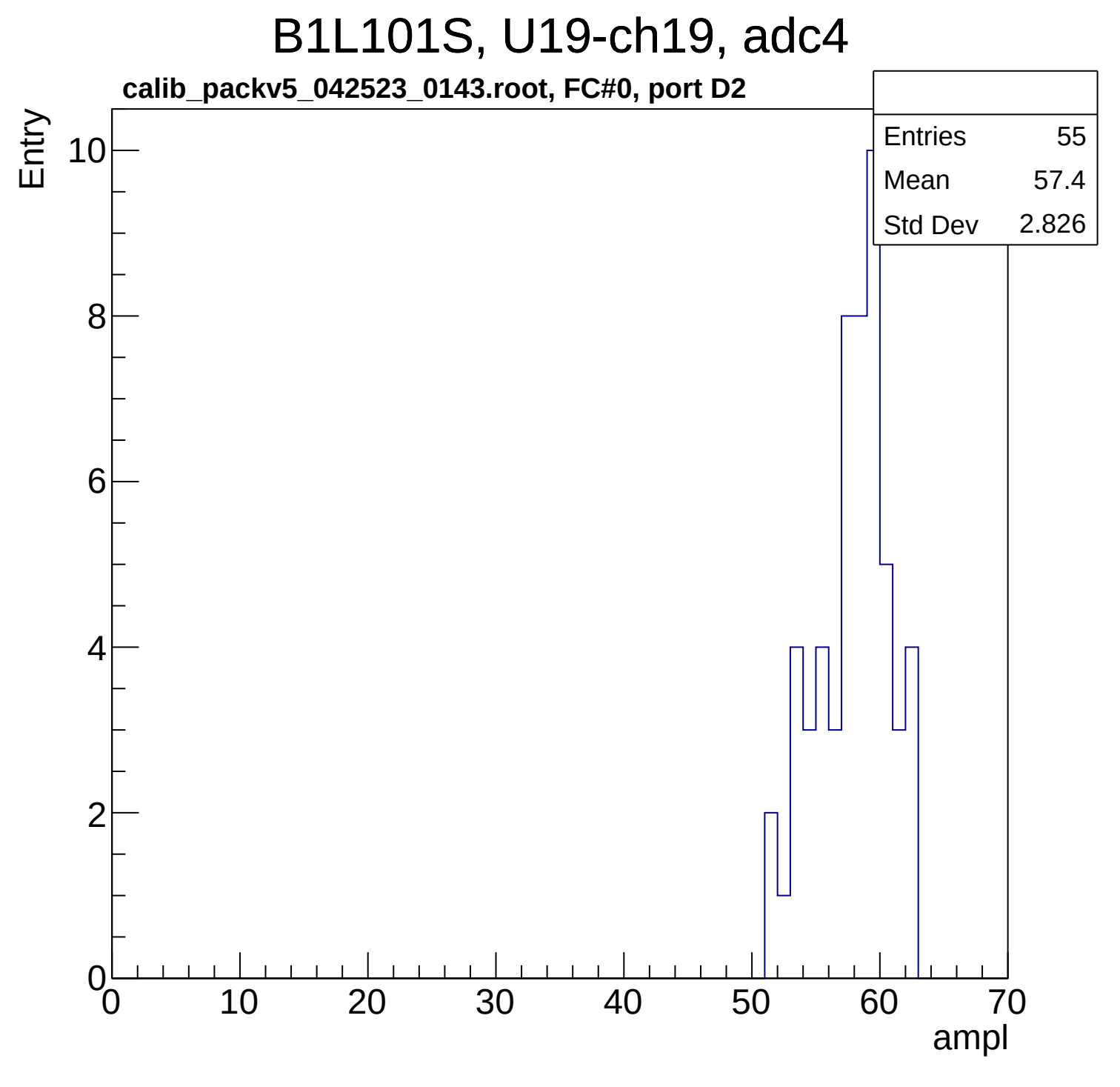
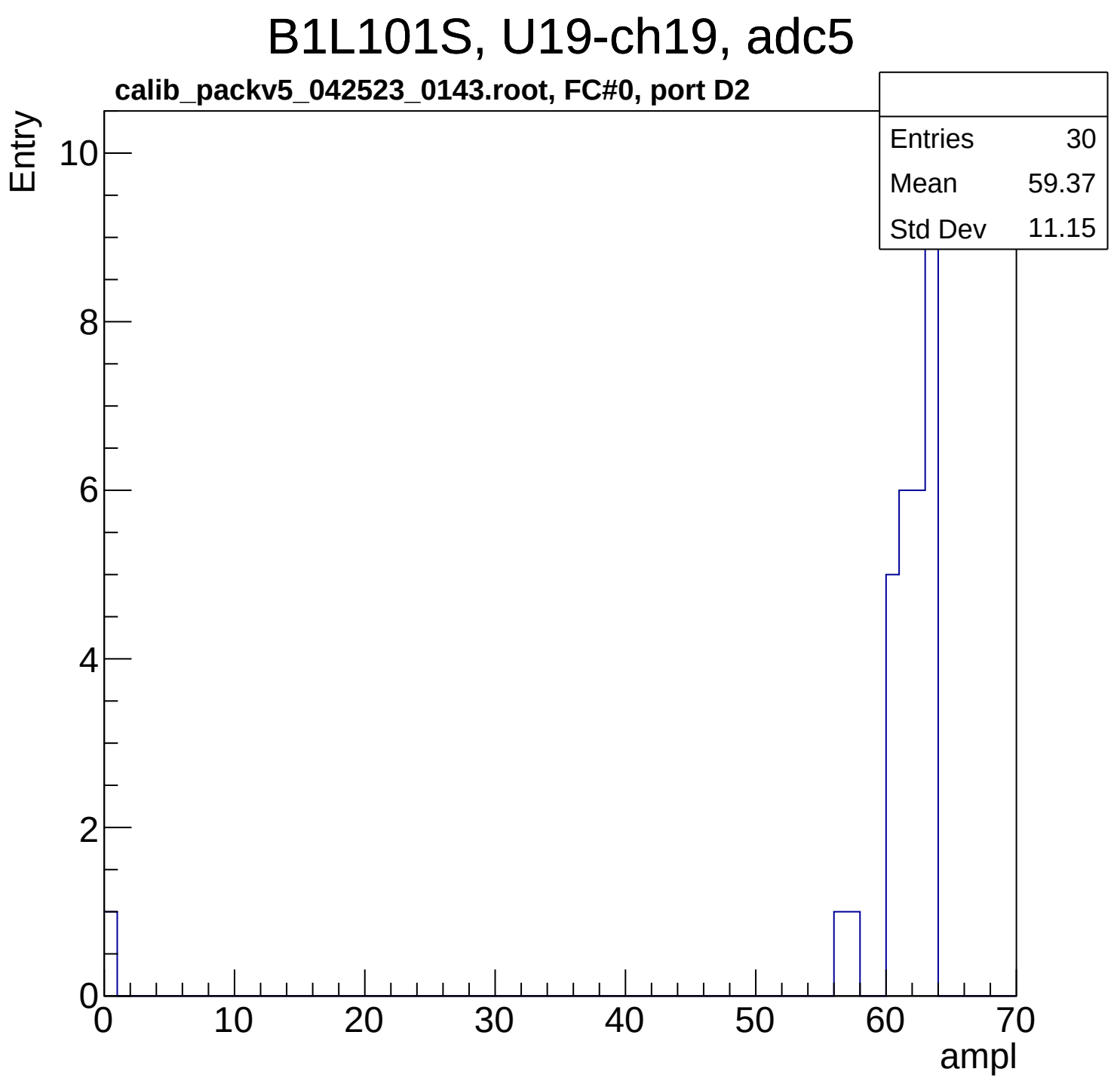
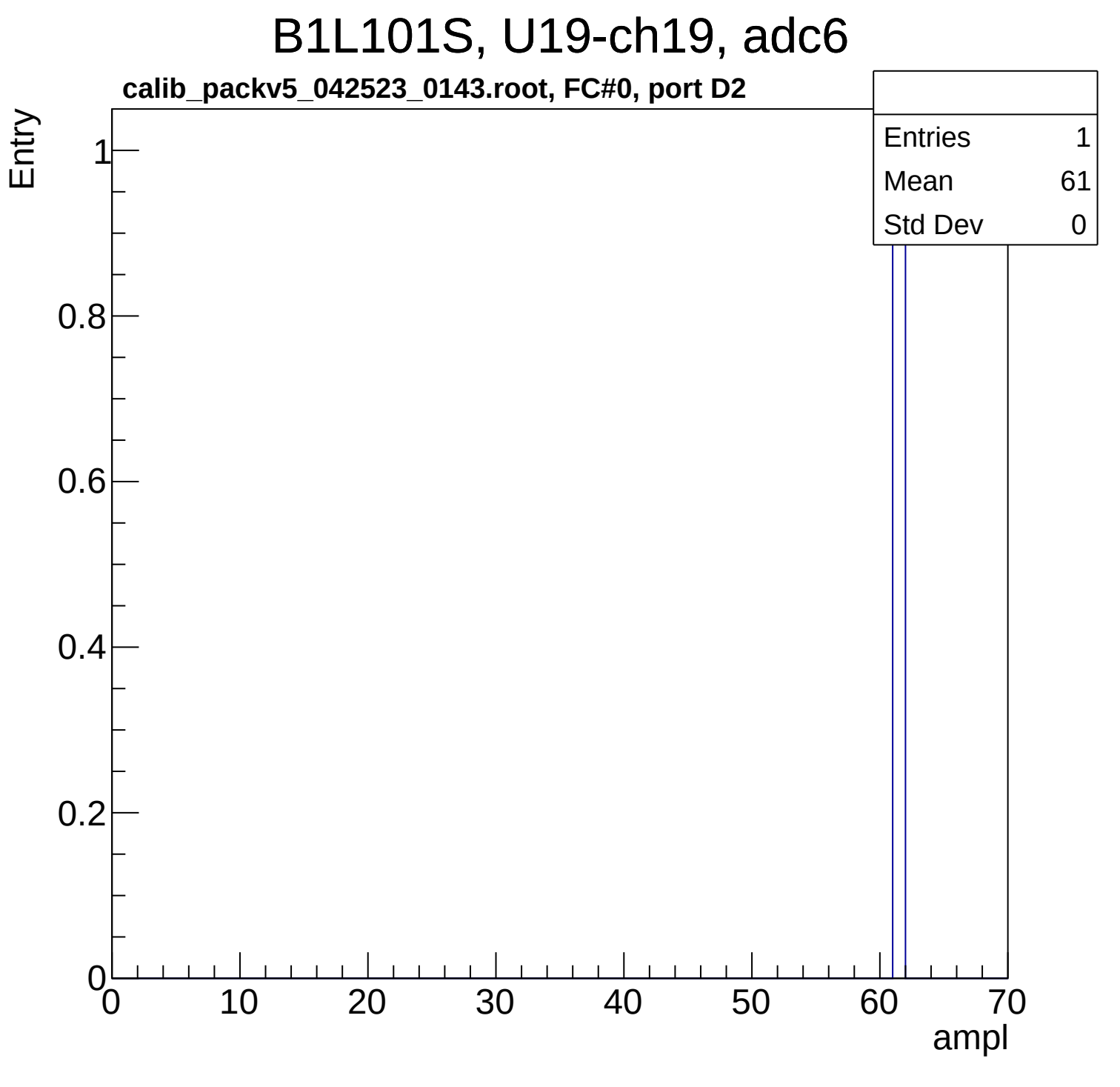

B1L101S, U19-ch19, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 57.4
Std Dev 2.826
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch19, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 59.37
Std Dev 11.15
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch19, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 61
Std Dev 0
Entry
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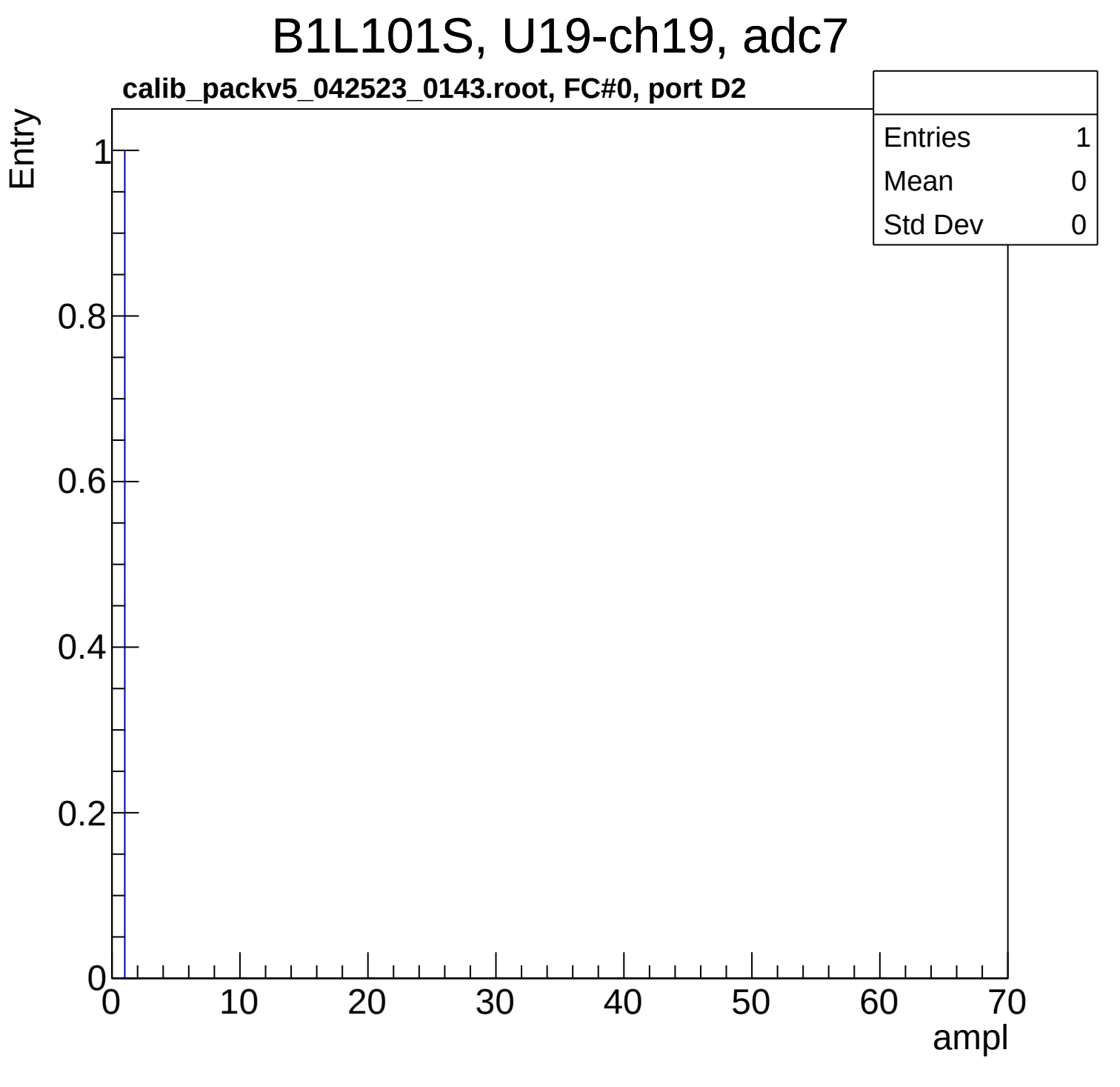
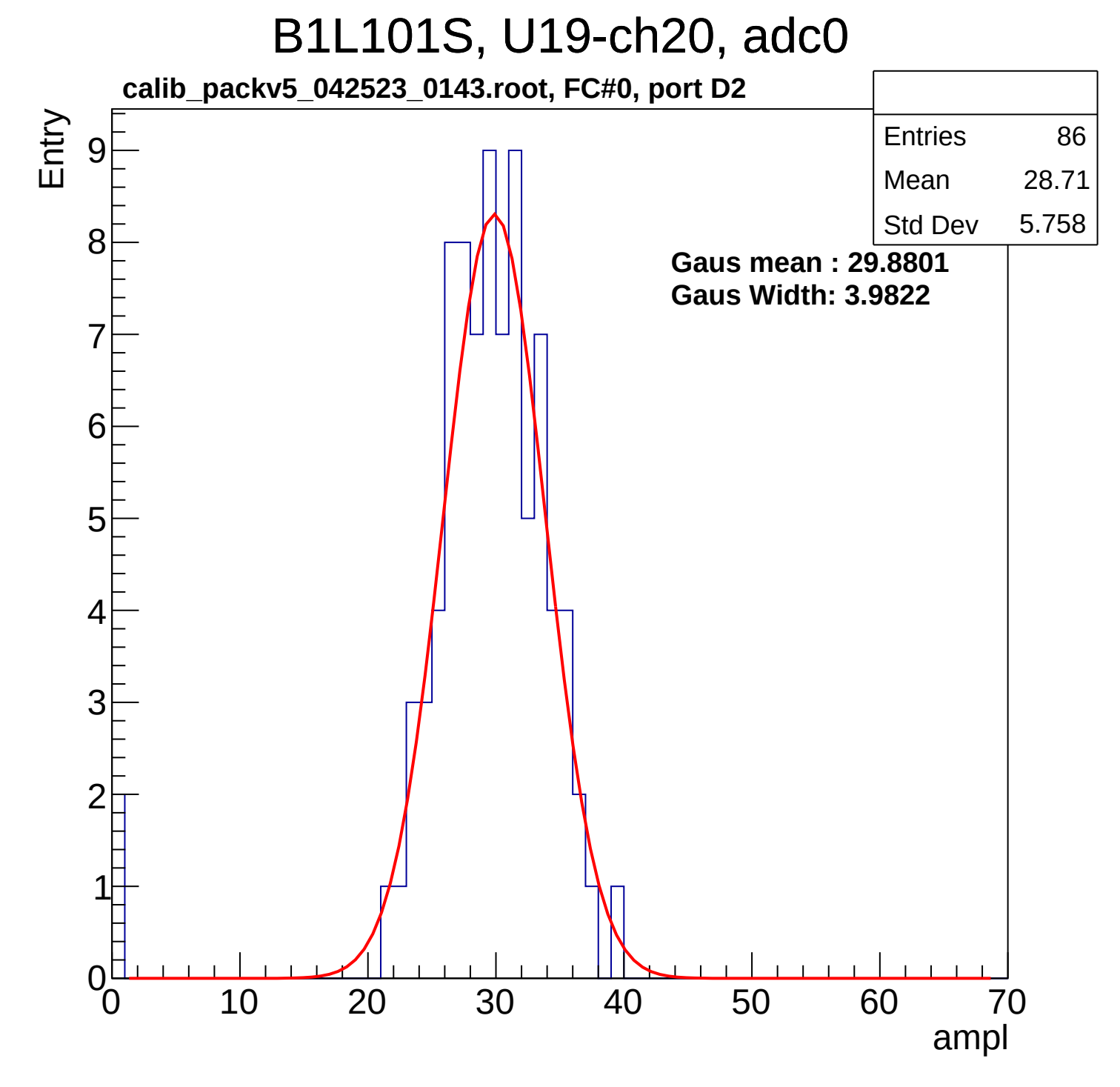
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch19, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch20, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 86
Mean 28.71
Std Dev 5.758
Gaus mean : 29.8801
Gaus Width: 3.9822
Entry
ampl
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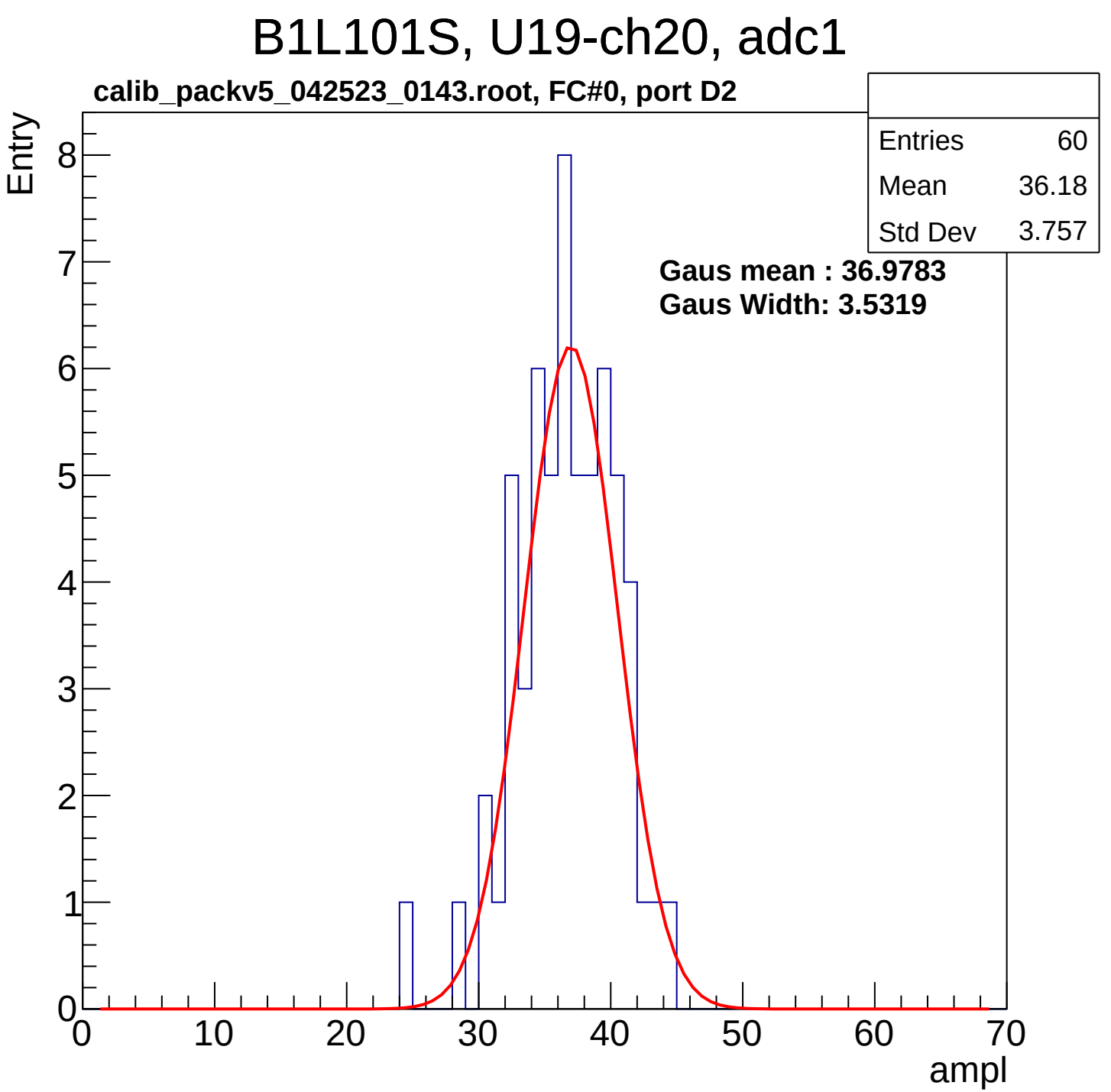
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch20, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 36.18
Std Dev 3.757
Gaus mean : 36.9783
Gaus Width: 3.5319
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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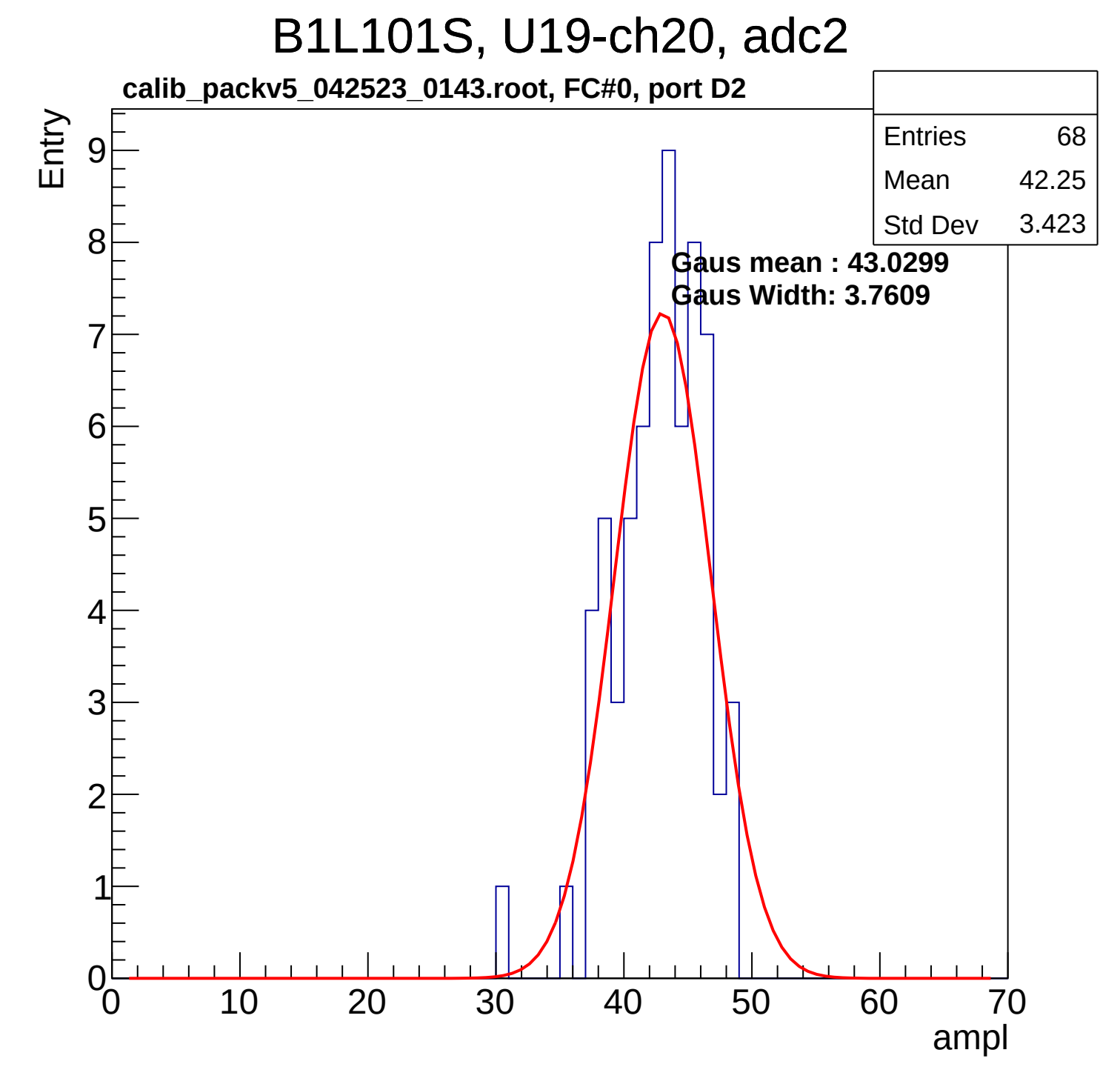
B1L101S, U19-ch20, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 42.25
Std Dev 3.423
Gaus mean : 43.0299
Gaus Width: 3.7609
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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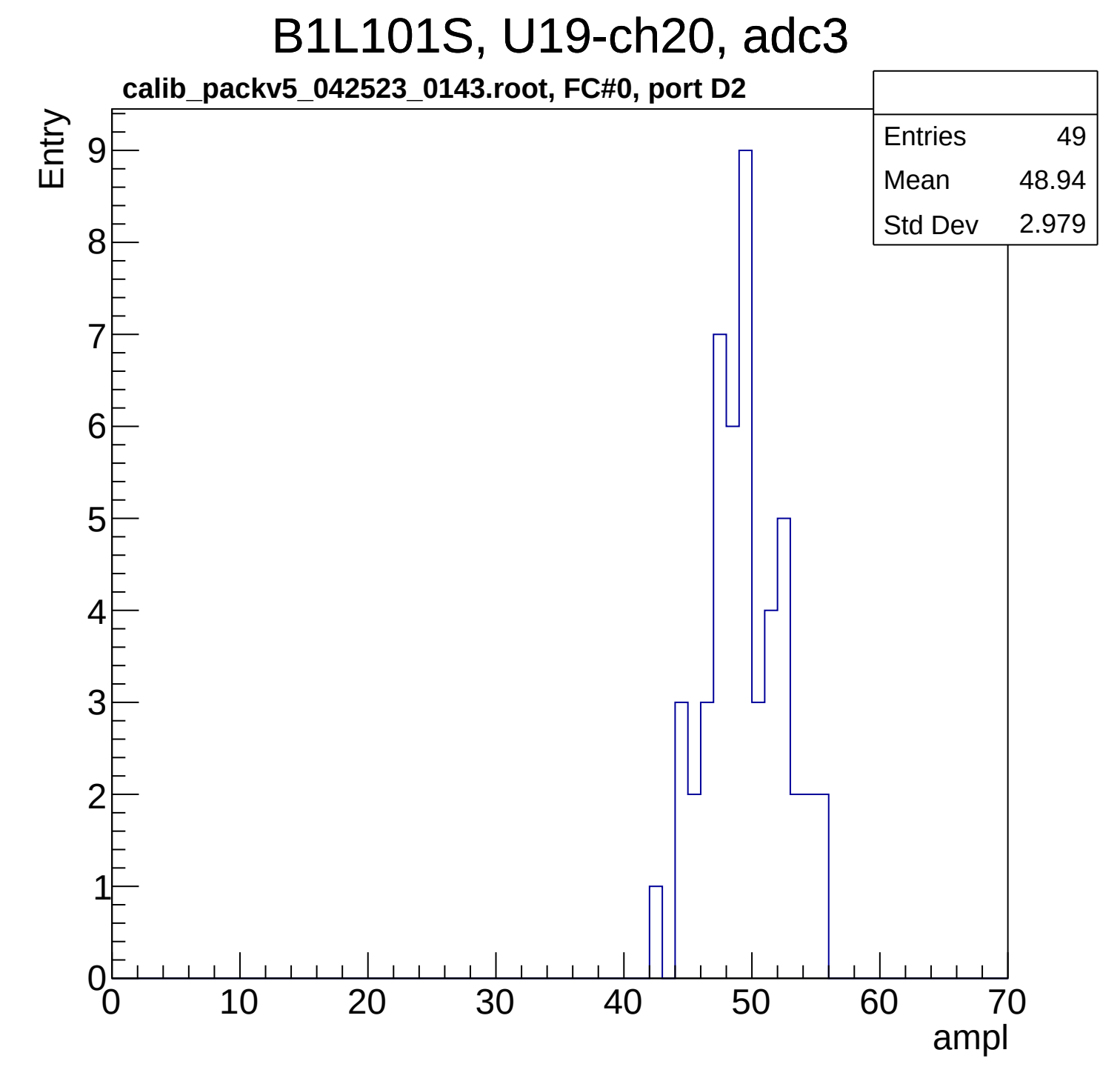
B1L101S, U19-ch20, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 48.94
Std Dev 2.979
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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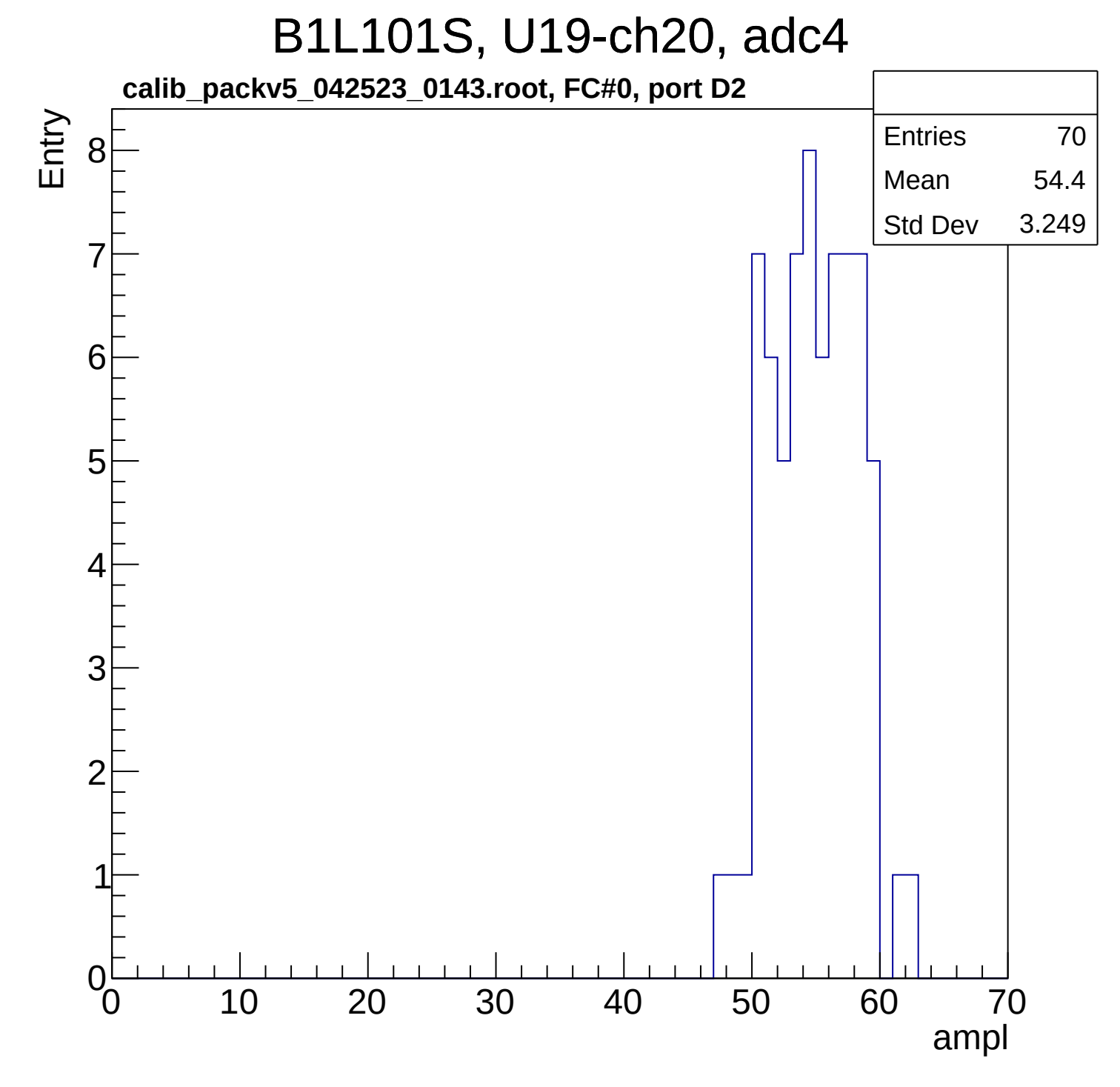
B1L101S, U19-ch20, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 54.4
Std Dev 3.249
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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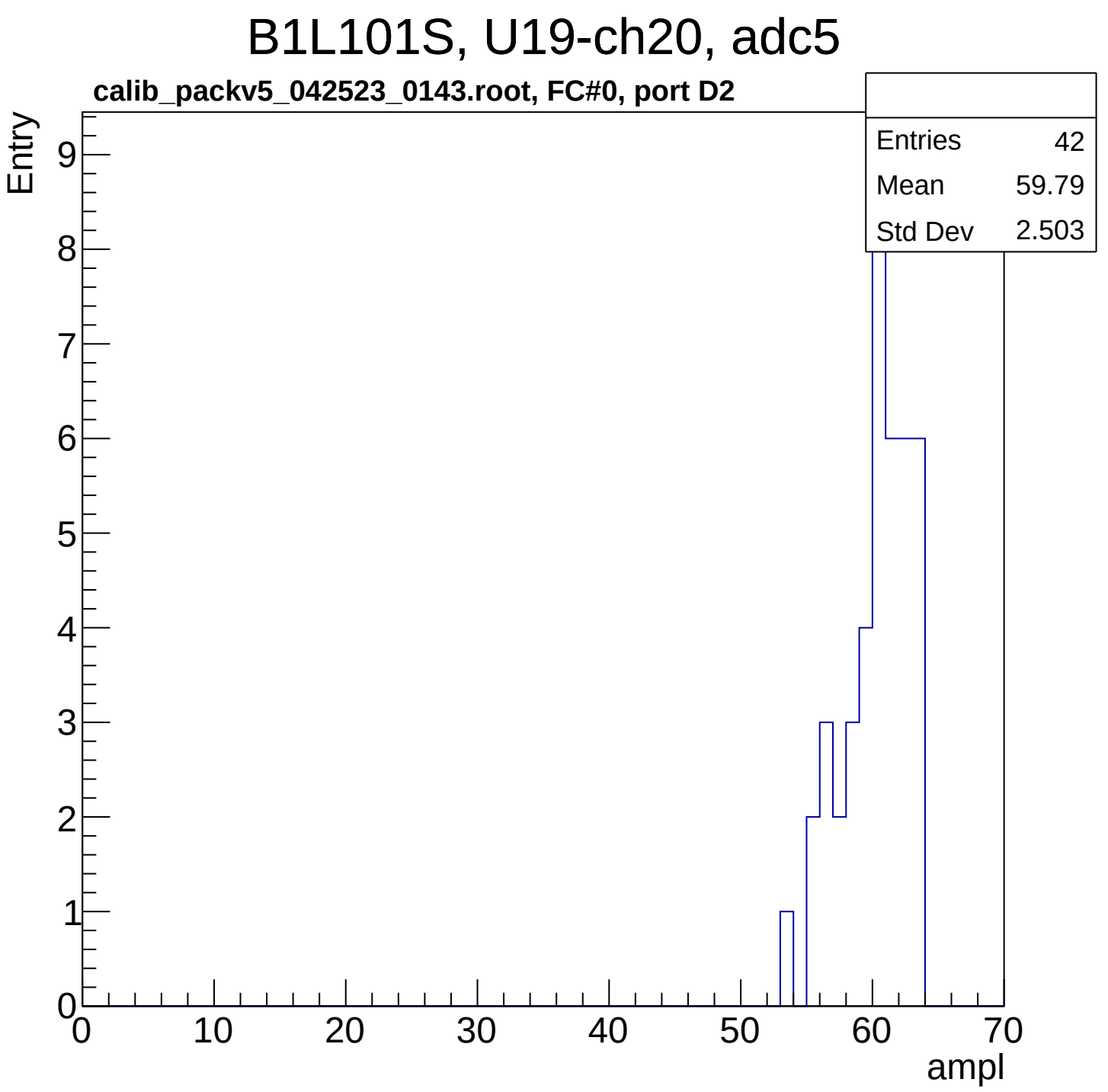
B1L101S, U19-ch20, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 59.79
Std Dev 2.503
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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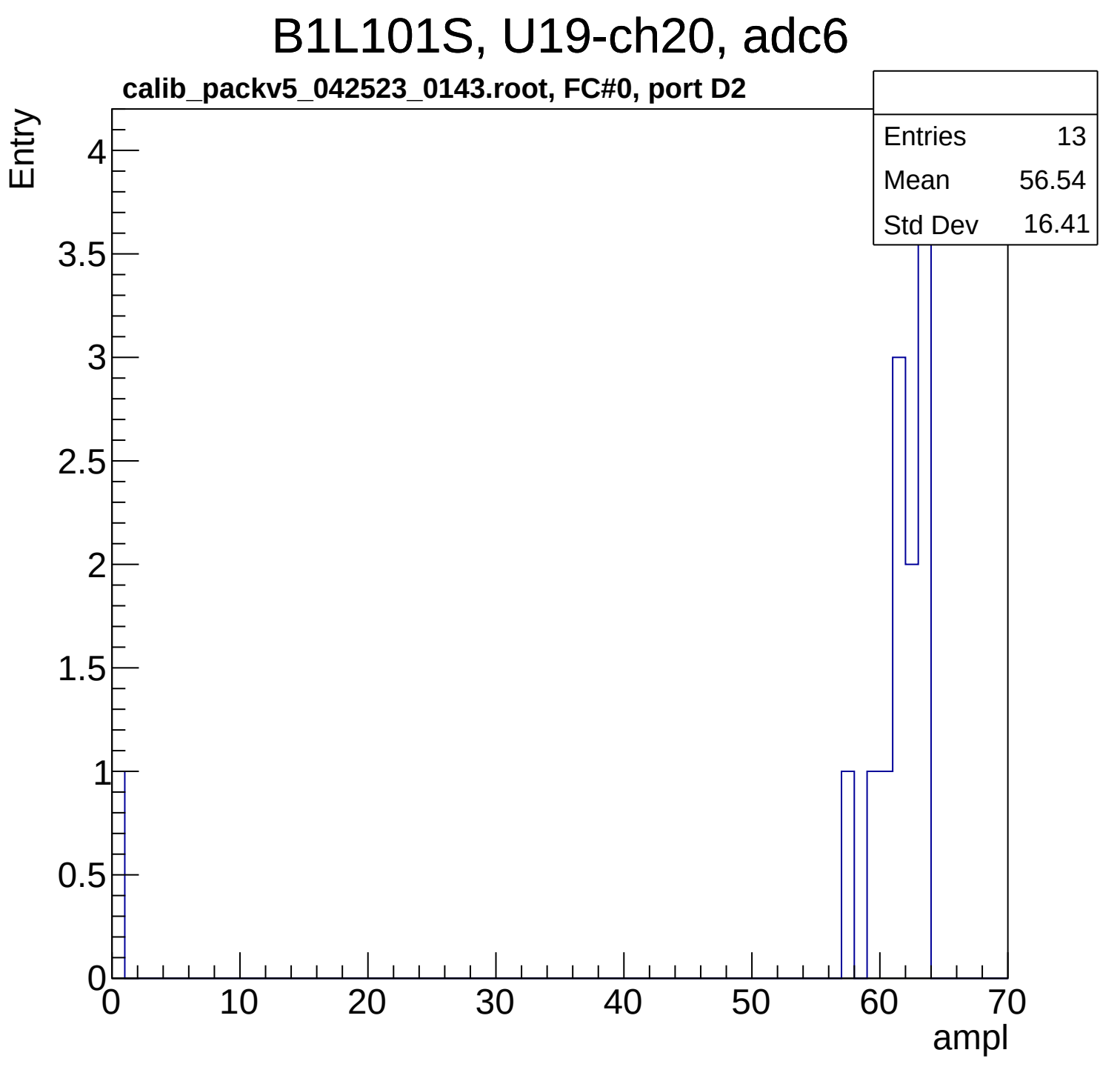
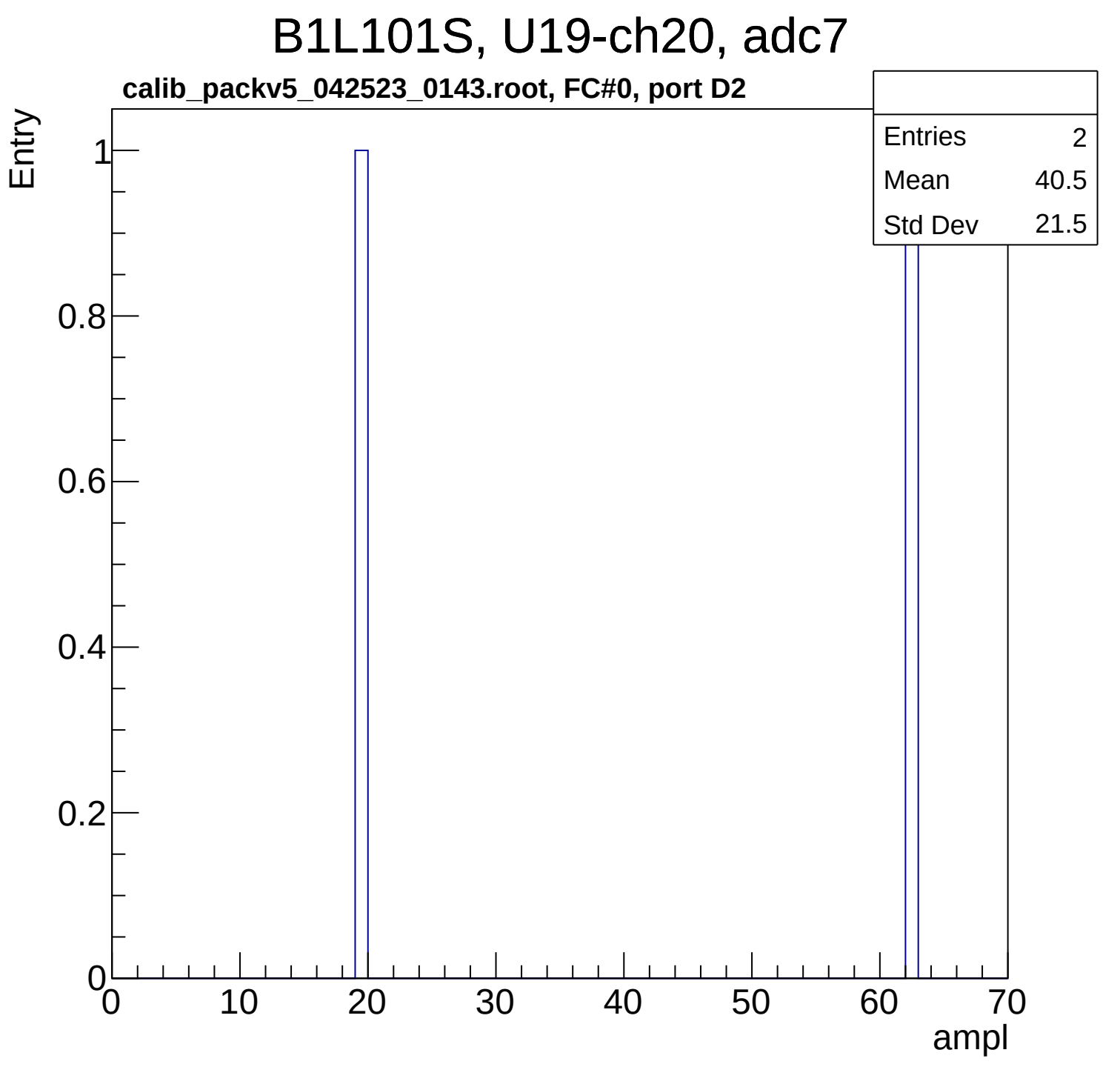

B1L101S, U19-ch20, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 13
Mean 56.54
Std Dev 16.41
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch20, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 40.5
Std Dev 21.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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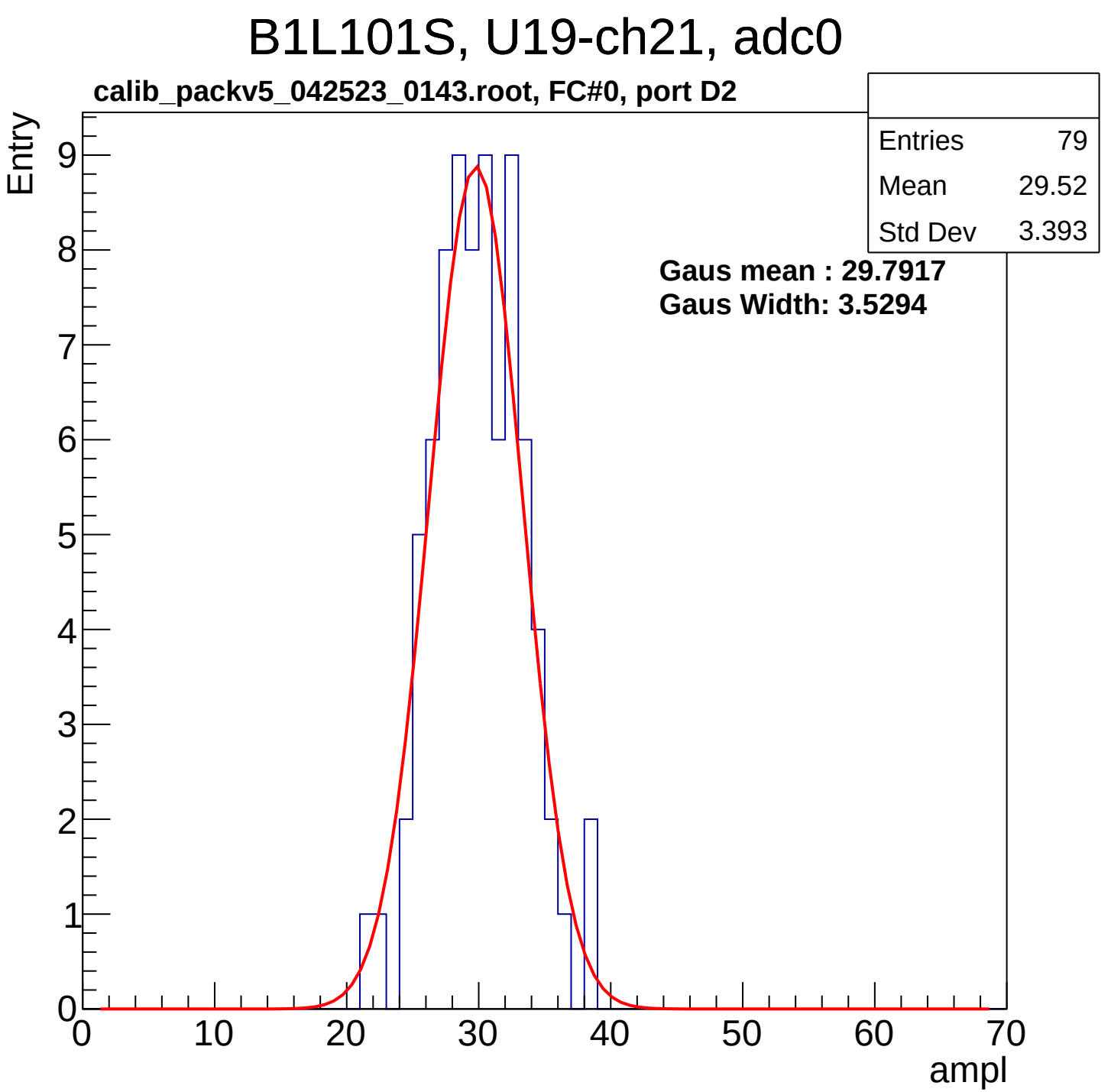
B1L101S, U19-ch21, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 29.52
Std Dev 3.393
Gaus mean : 29.7917
Gaus Width: 3.5294
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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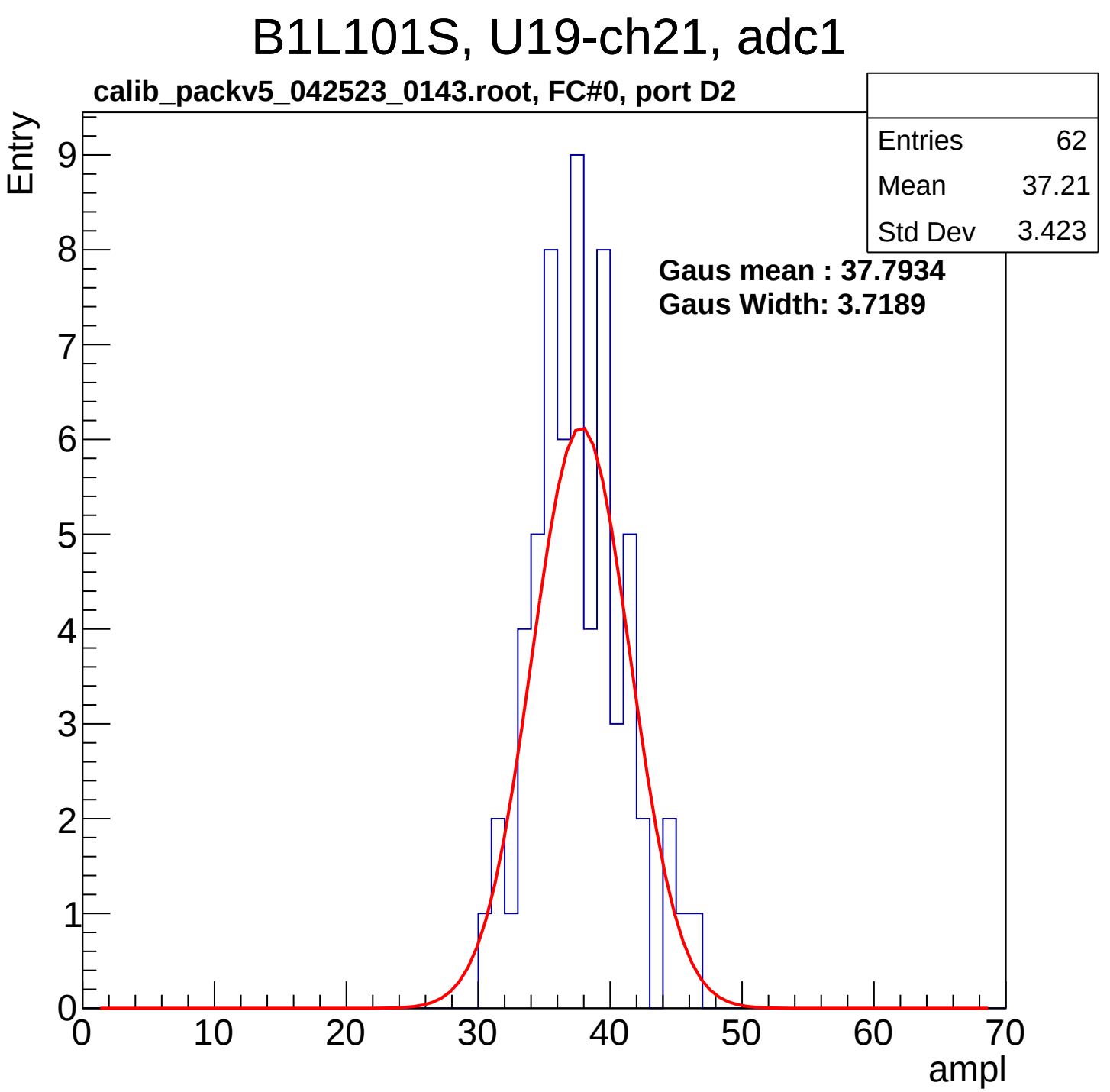
B1L101S, U19-ch21, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 37.21
Std Dev 3.423
Gaus mean : 37.7934
Gaus Width: 3.7189
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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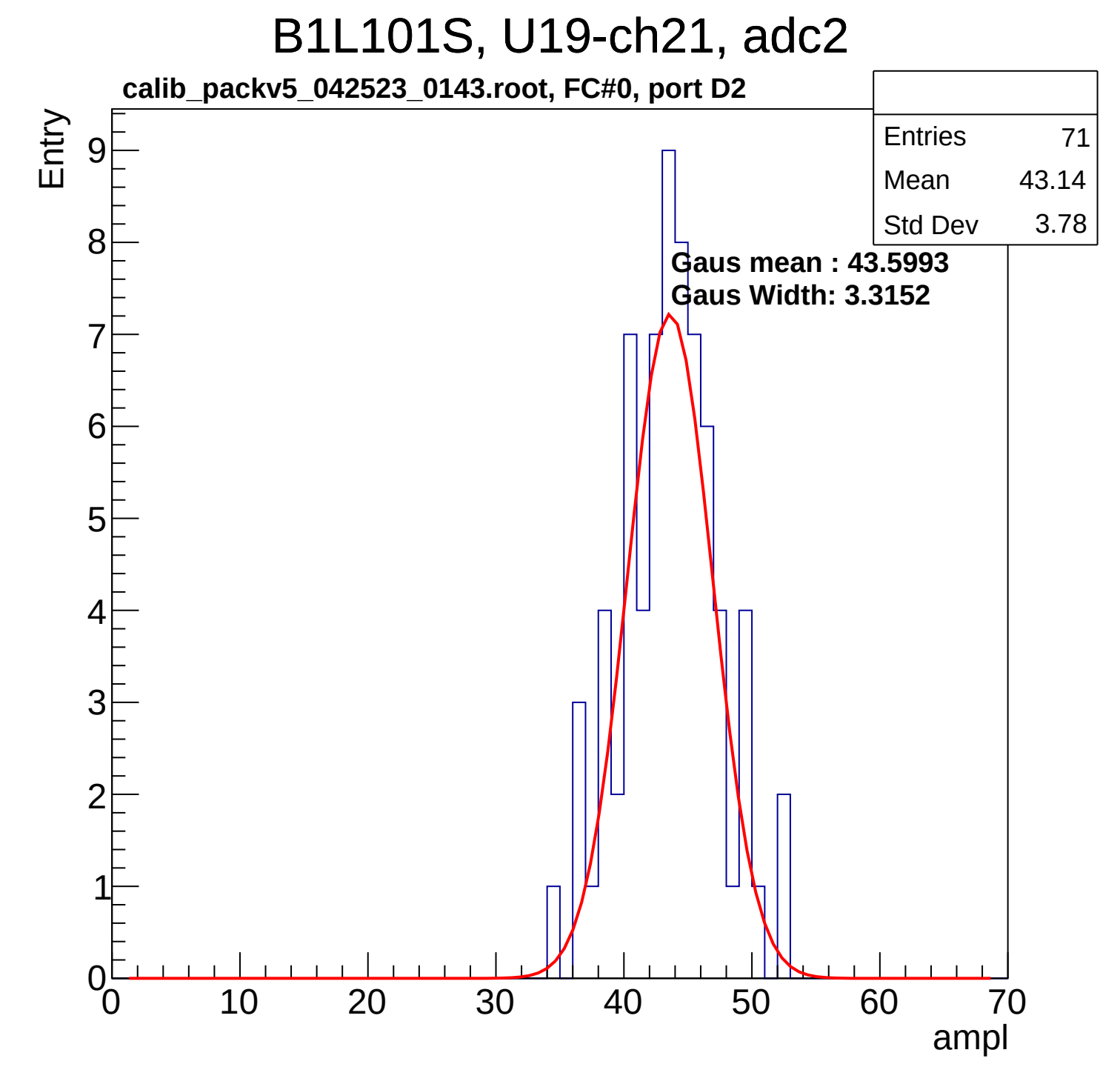
B1L101S, U19-ch21, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 43.14
Std Dev 3.78
Gaus mean : 43.5993
Gaus Width: 3.3152
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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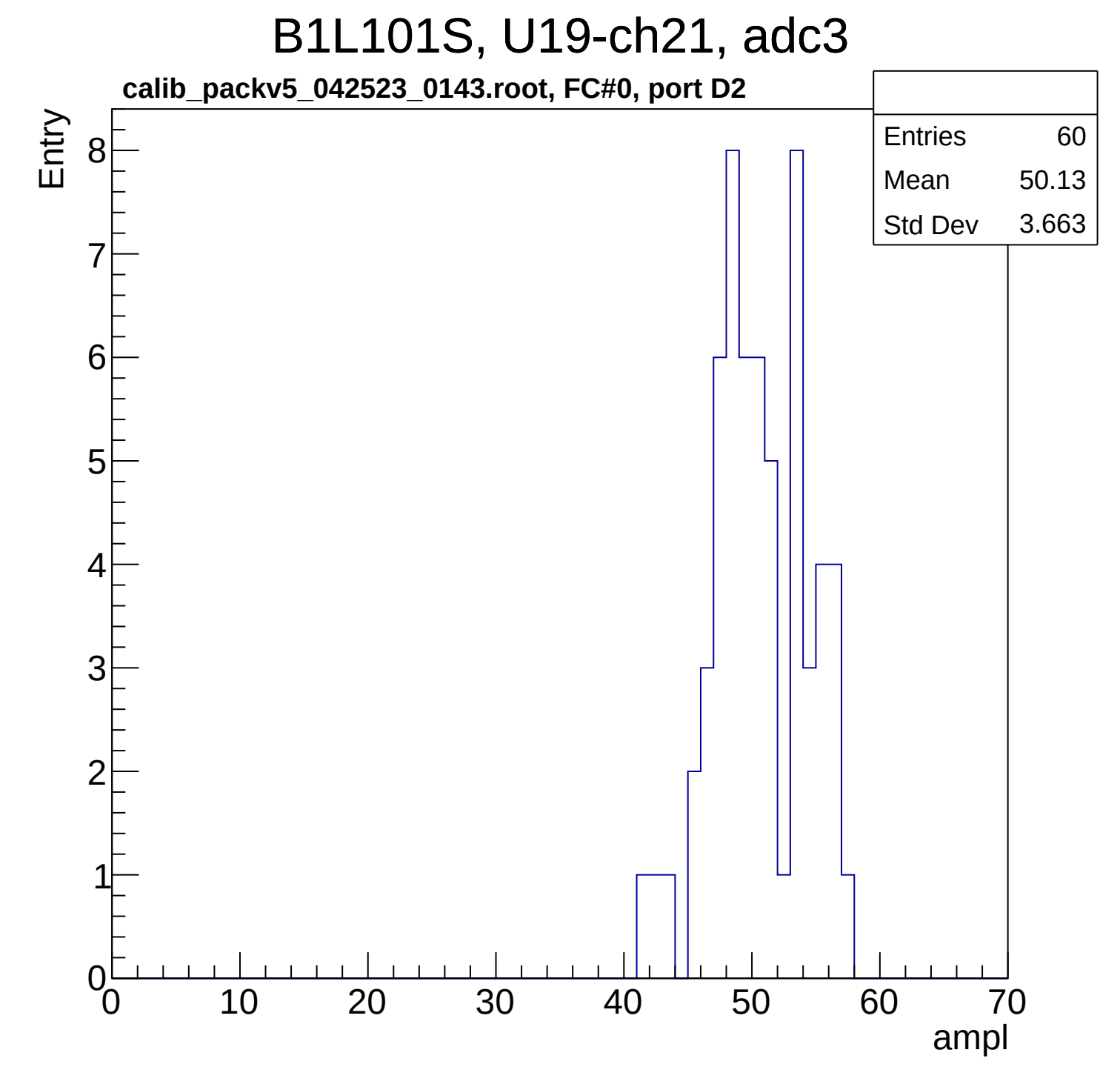
B1L101S, U19-ch21, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 50.13
Std Dev 3.663
Entry
ampl
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3
4
5
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7
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0
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20
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40
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60
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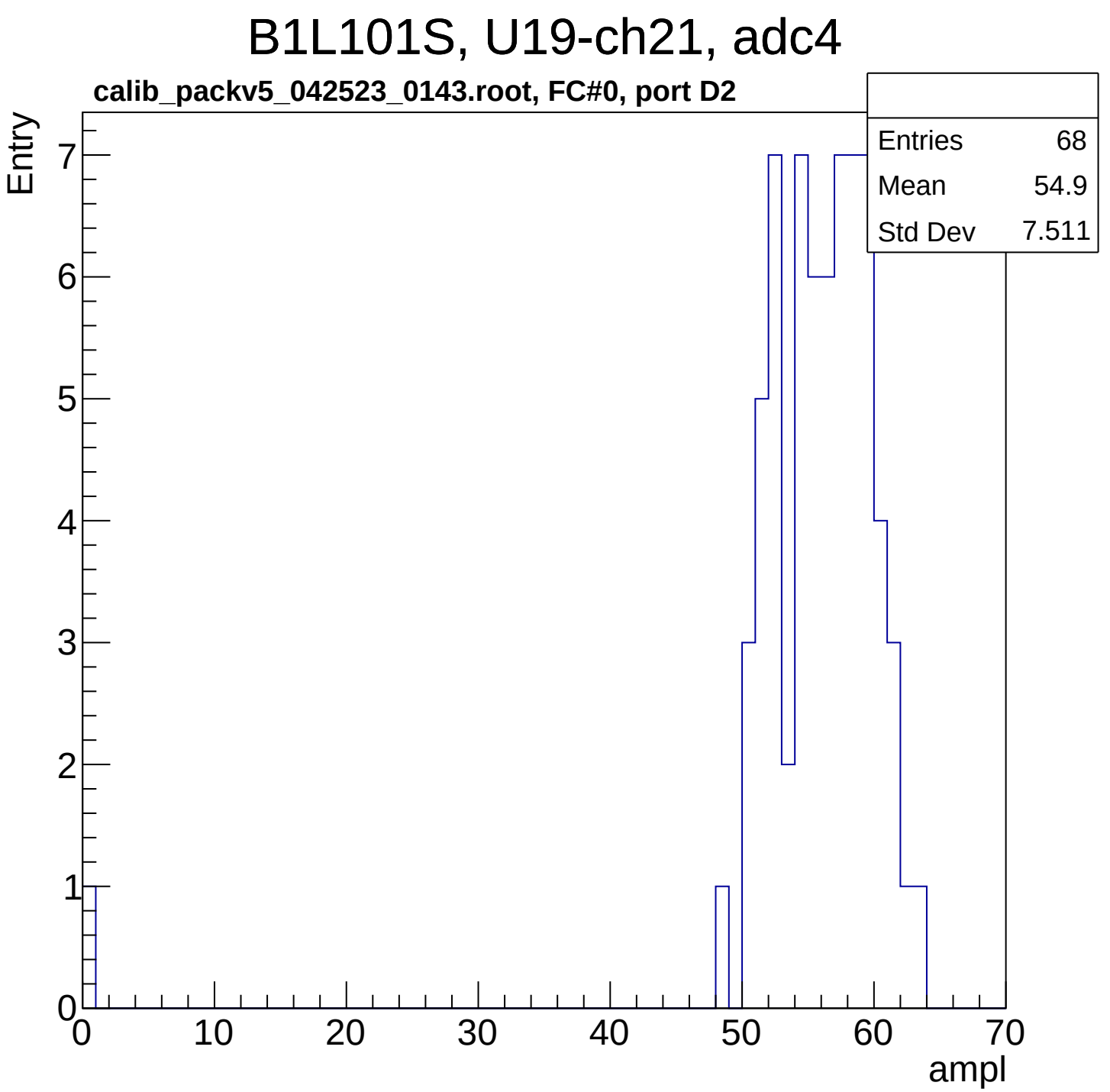
B1L101S, U19-ch21, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 54.9
Std Dev 7.511
Entry
ampl
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1
2
3
4
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0
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20
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40
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60
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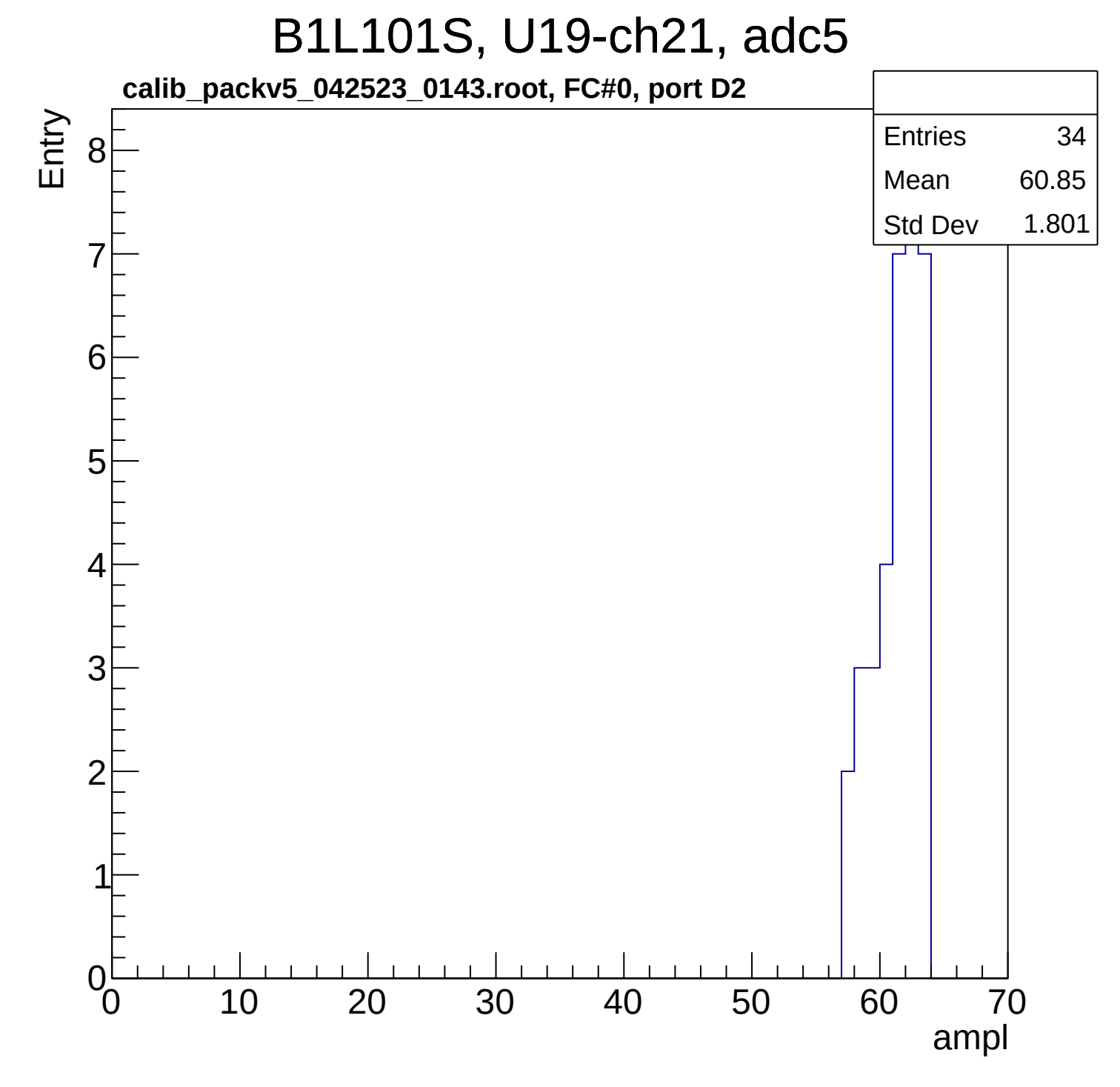
B1L101S, U19-ch21, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 34
Mean 60.85
Std Dev 1.801
Entry
ampl
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0
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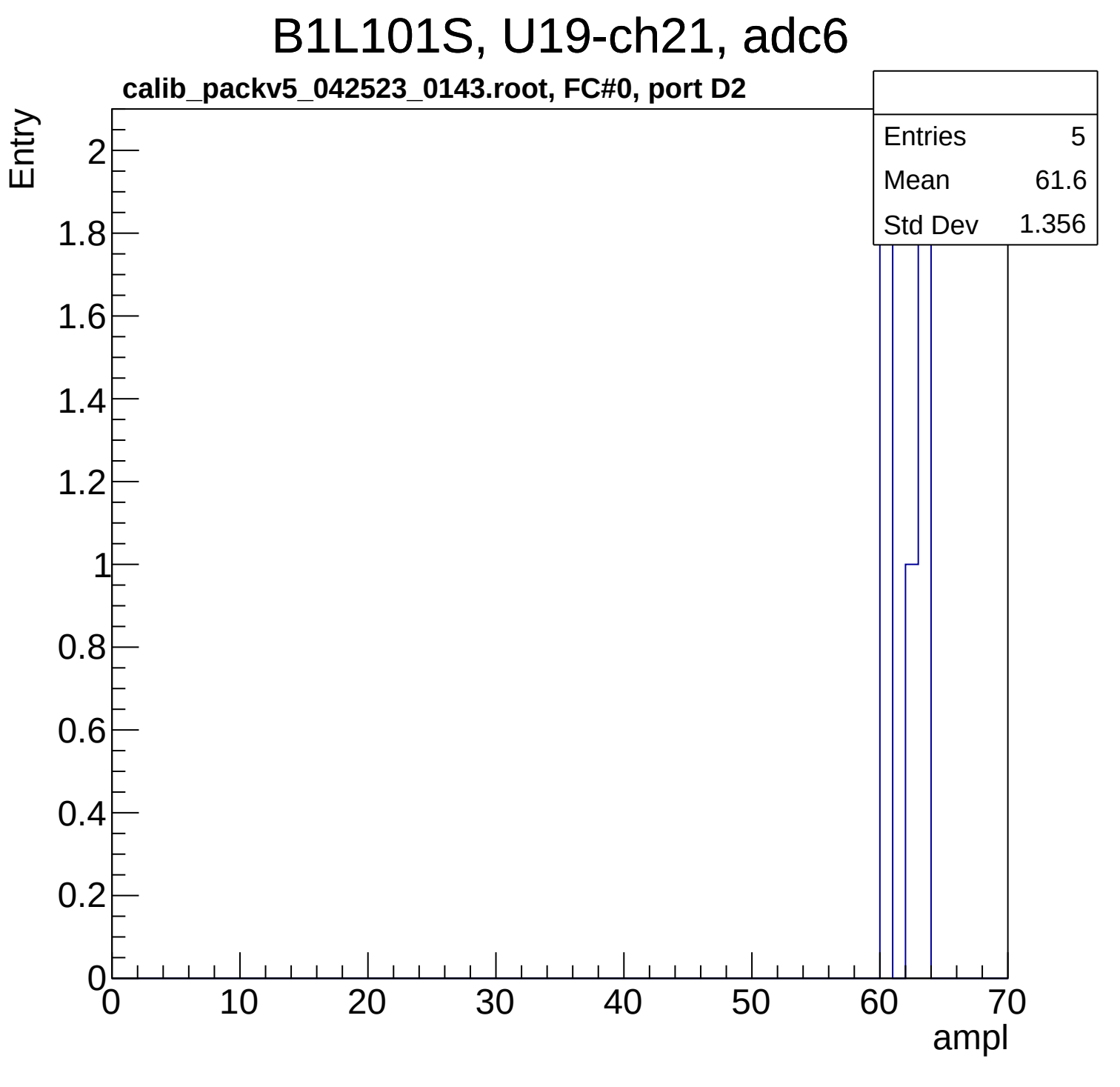
B1L101S, U19-ch21, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 61.6
Std Dev 1.356
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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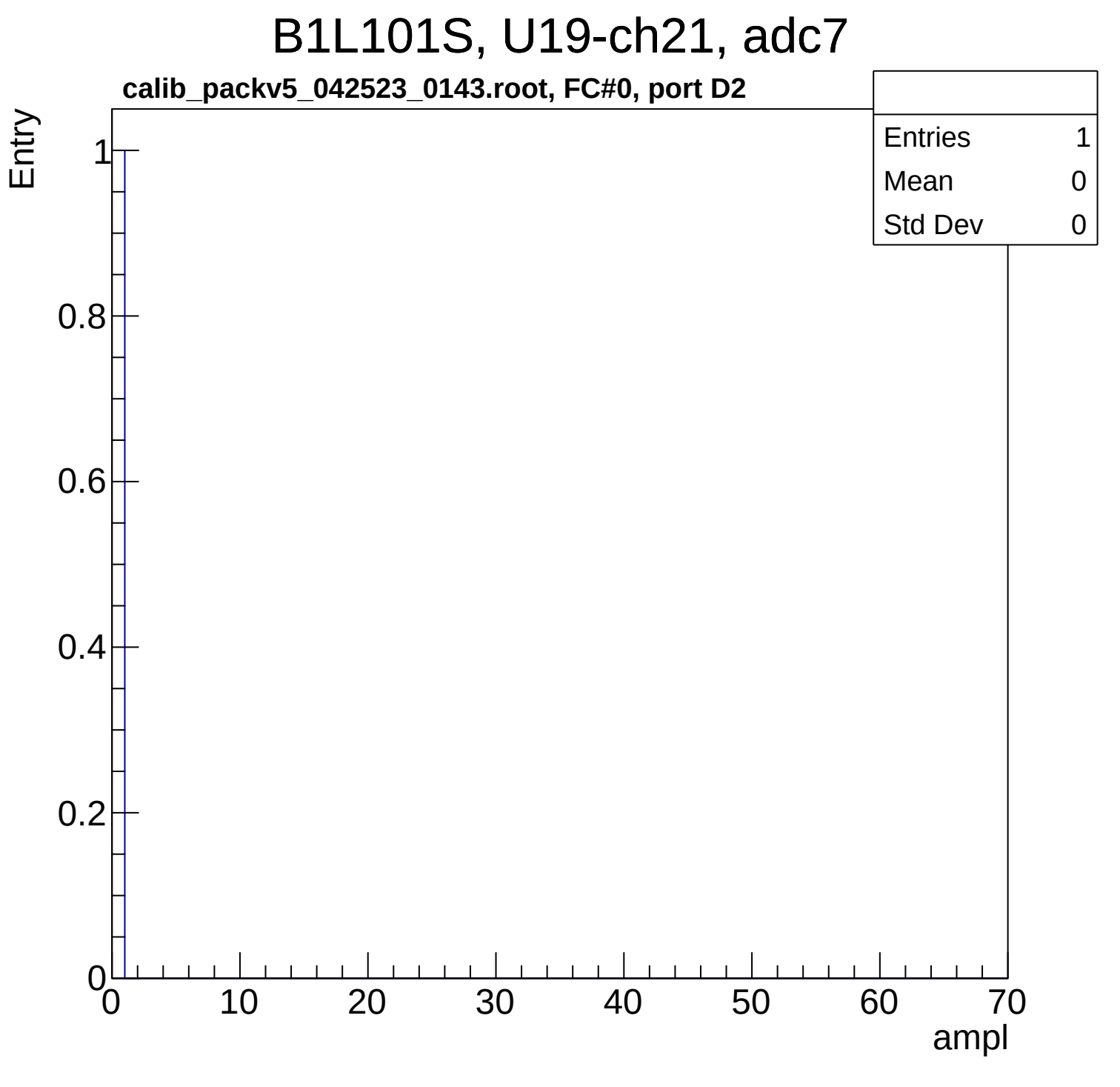
40
50
60
70


B1L101S, U19-ch21, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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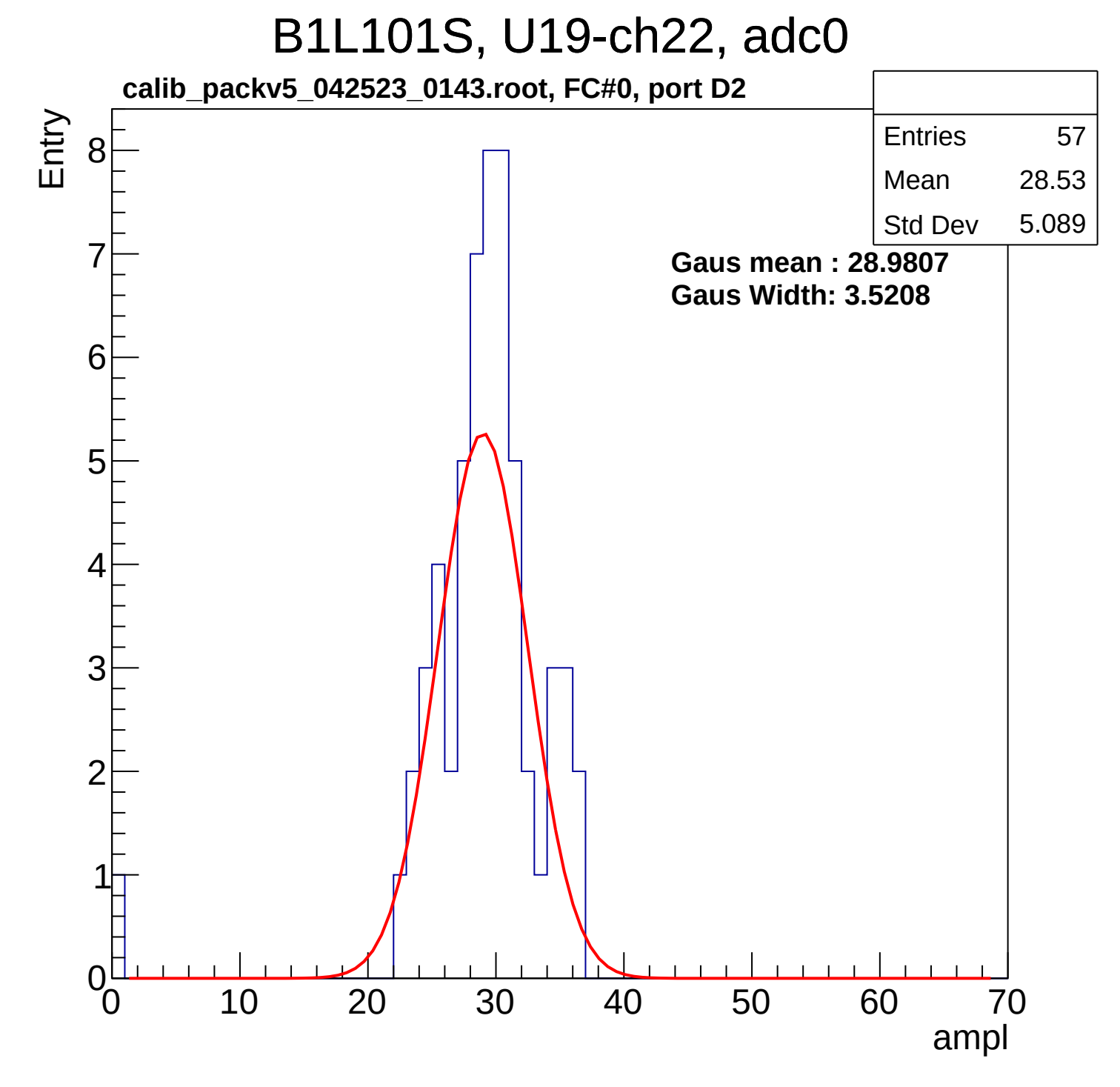
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch22, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 28.53
Std Dev 5.089
Gaus mean : 28.9807
Gaus Width: 3.5208
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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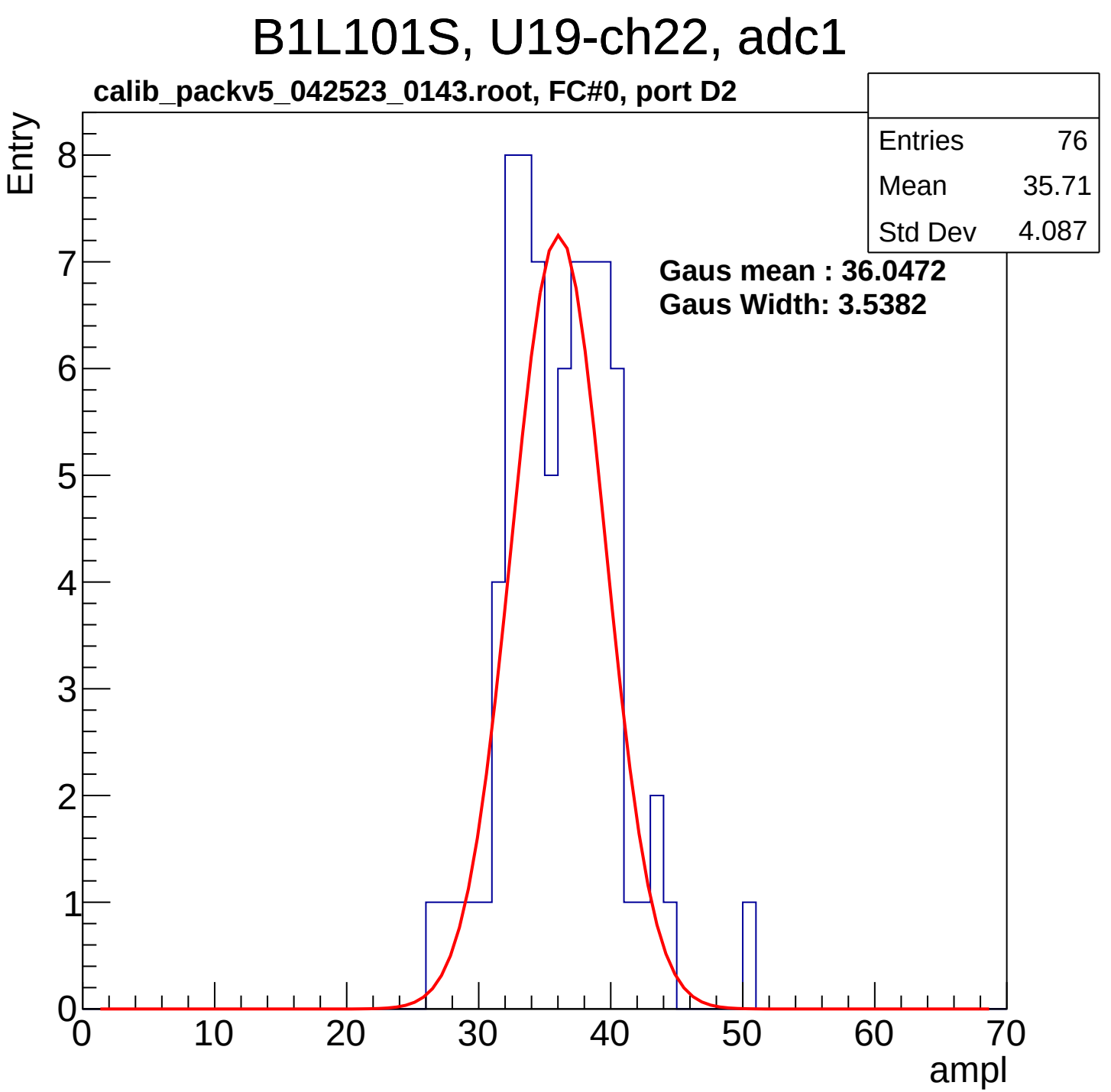
60
70


B1L101S, U19-ch22, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 35.71
Std Dev 4.087
Gaus mean : 36.0472
Gaus Width: 3.5382
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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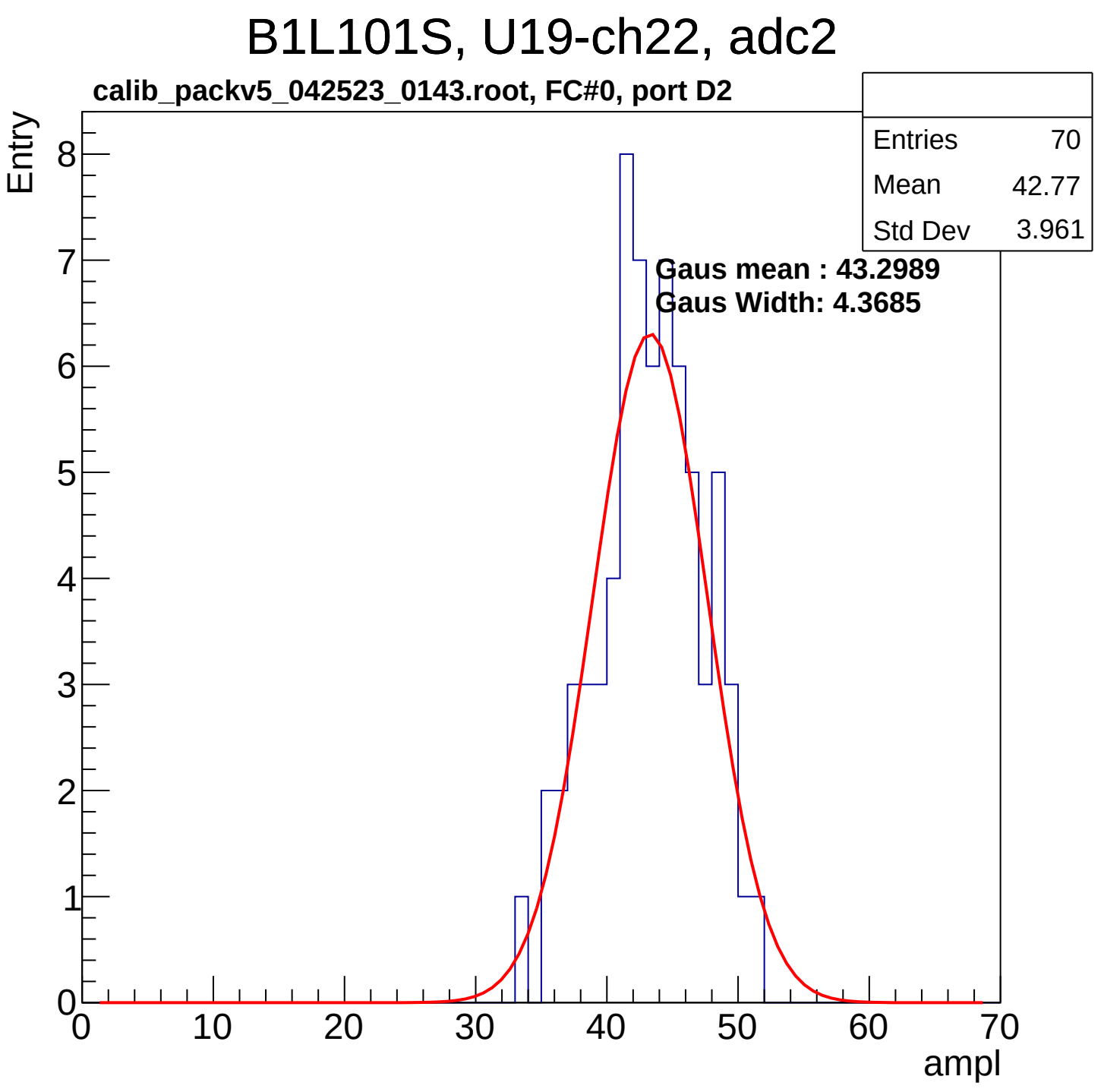
B1L101S, U19-ch22, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 42.77
Std Dev 3.961
Gaus mean : 43.2989
Gaus Width: 4.3685
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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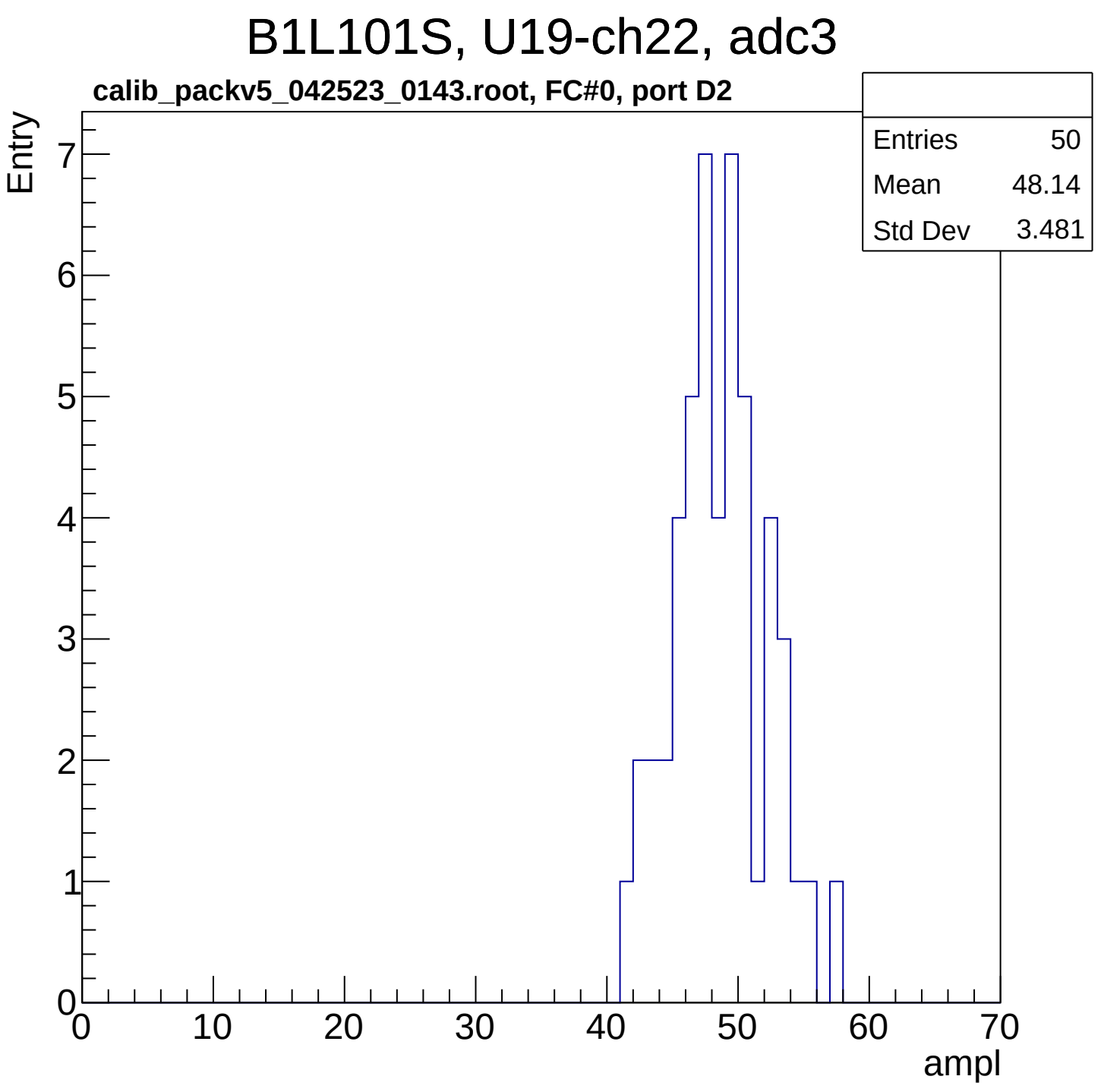
B1L101S, U19-ch22, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 48.14
Std Dev 3.481
Entry
ampl
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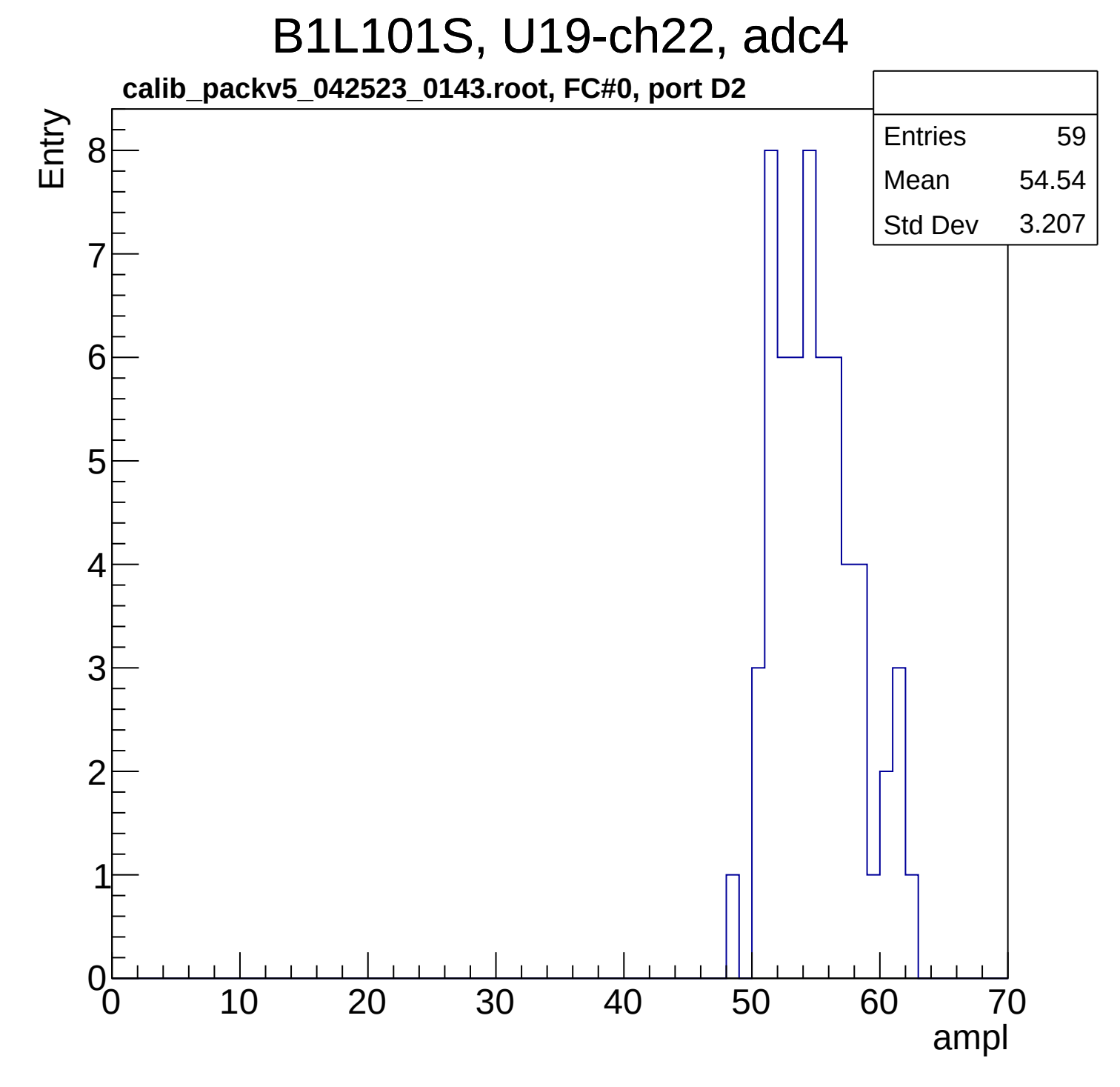
B1L101S, U19-ch22, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 54.54
Std Dev 3.207
Entry
ampl
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4
5
6
7
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0
10
20
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40
50
60
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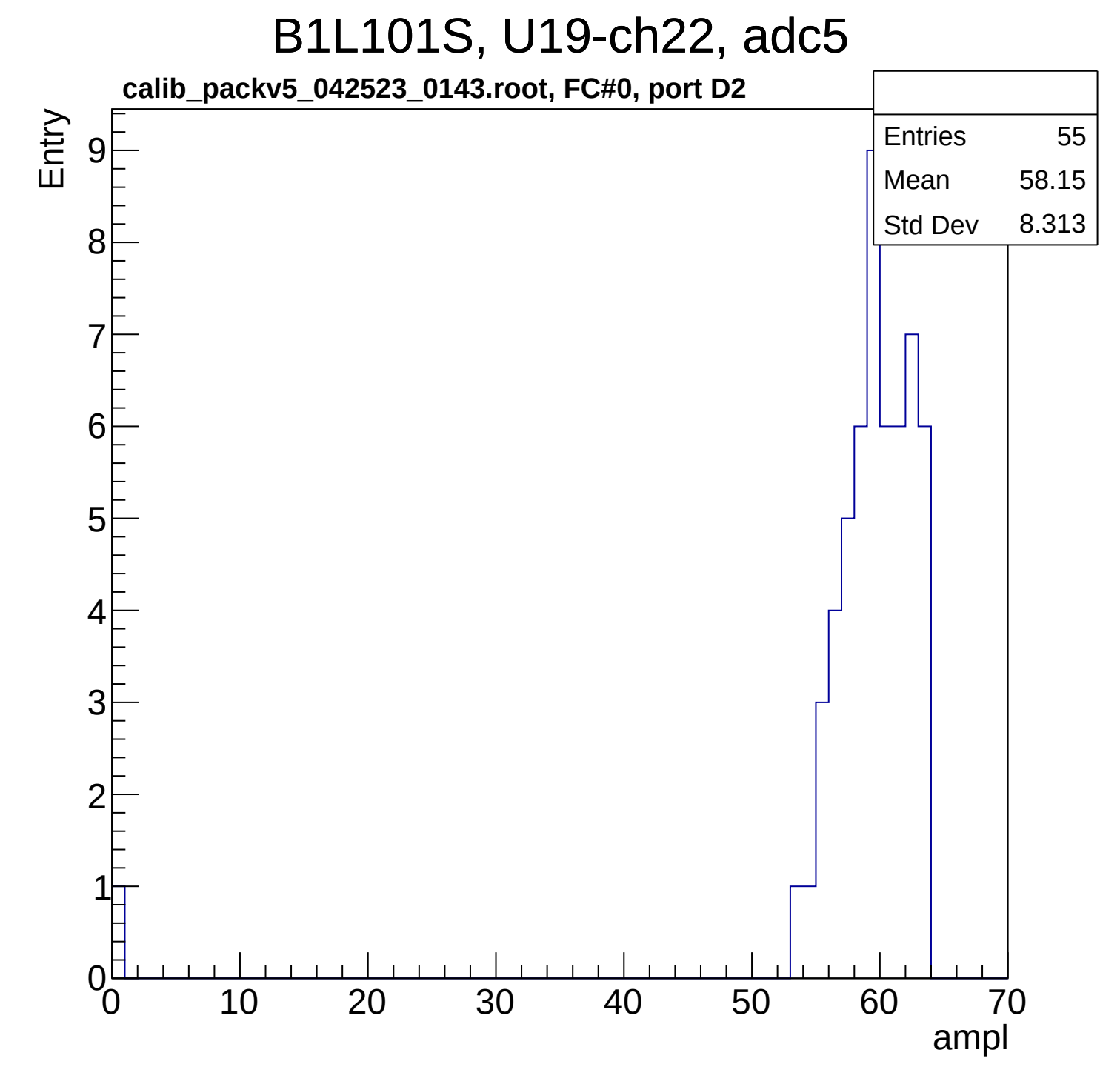
B1L101S, U19-ch22, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 58.15
Std Dev 8.313
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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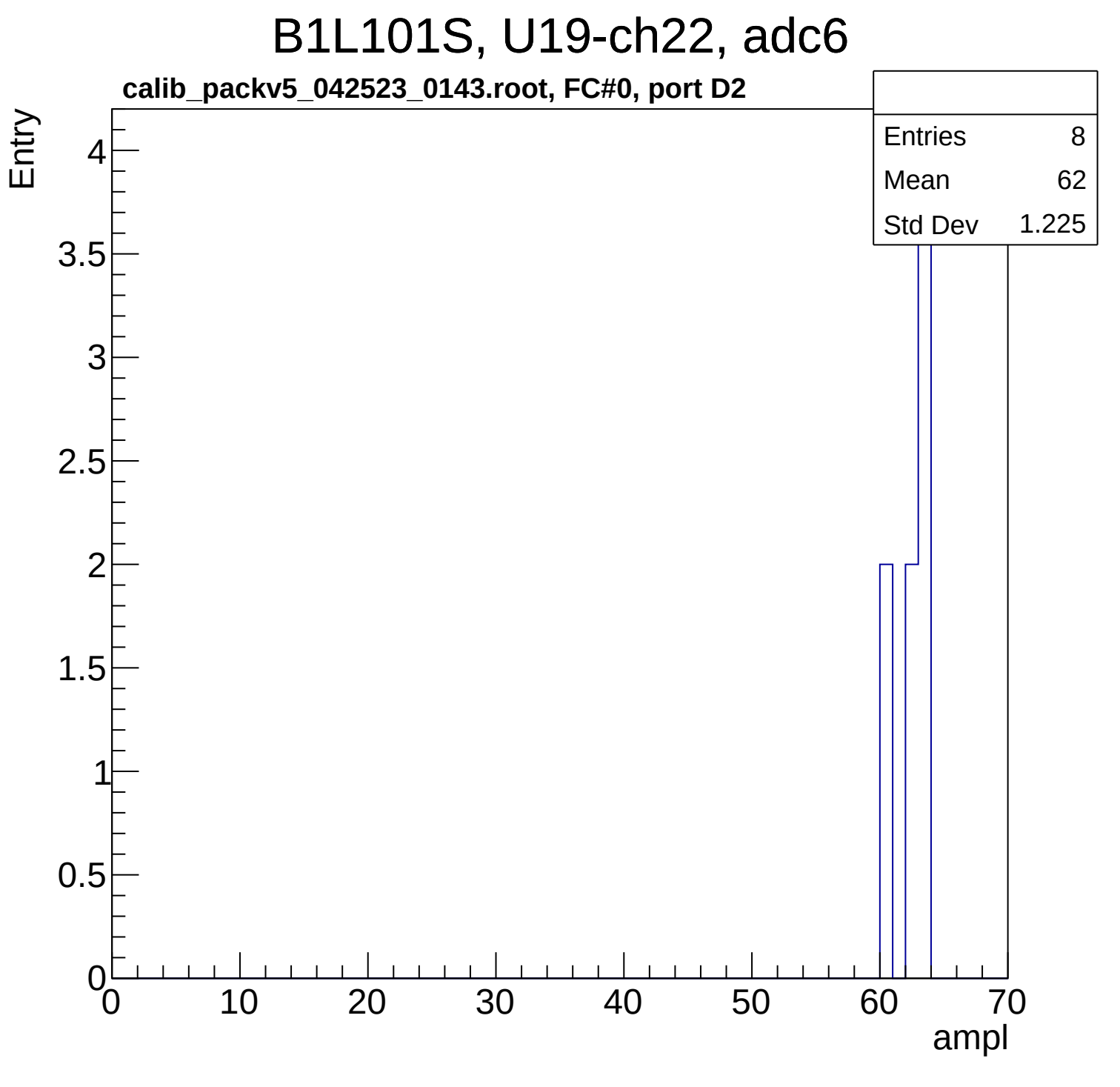
B1L101S, U19-ch22, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 62
Std Dev 1.225
Entry
ampl
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1.5
2
2.5
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3.5
4
0
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40
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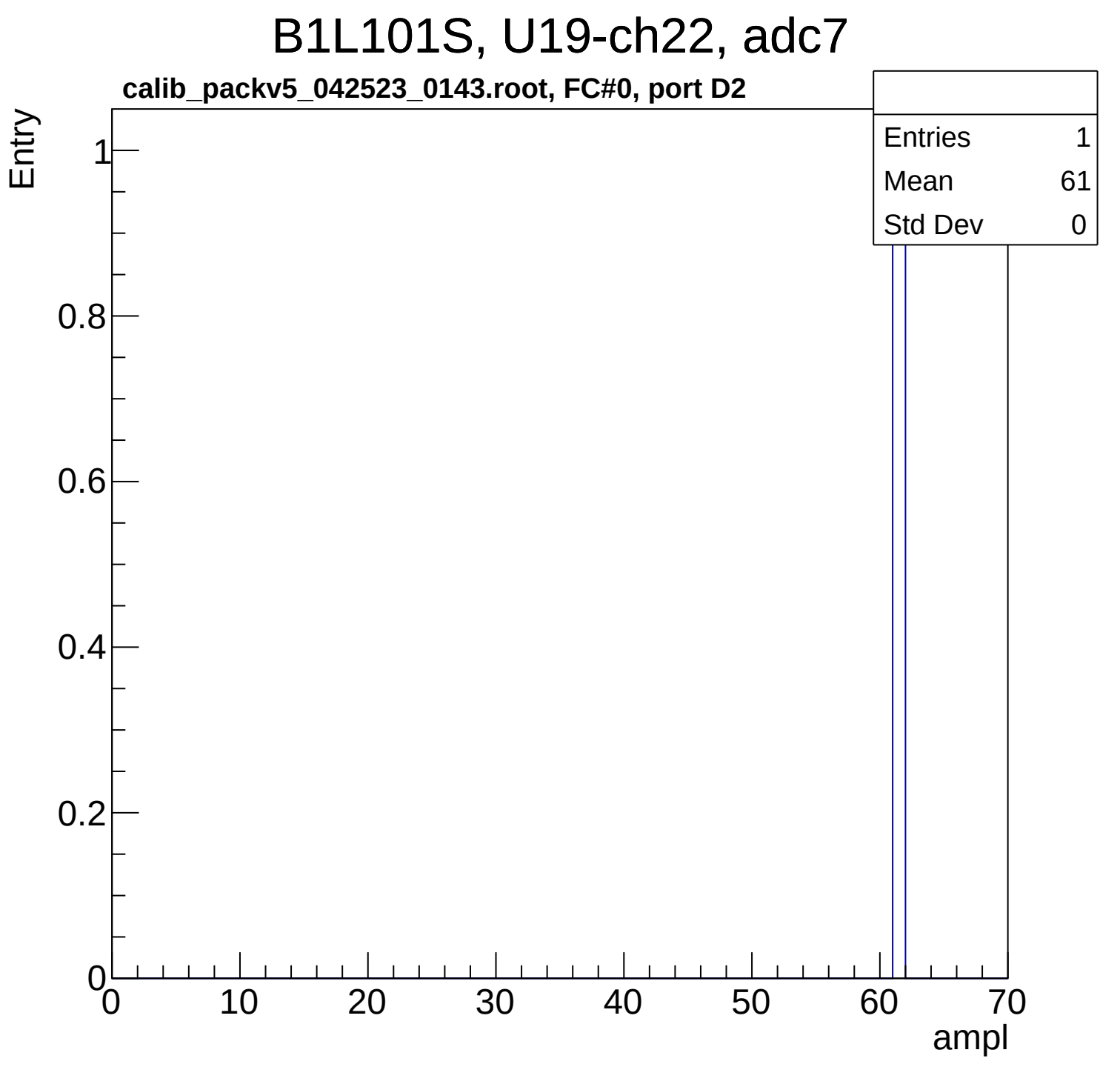
B1L101S, U19-ch22, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 61
Std Dev 0
Entry
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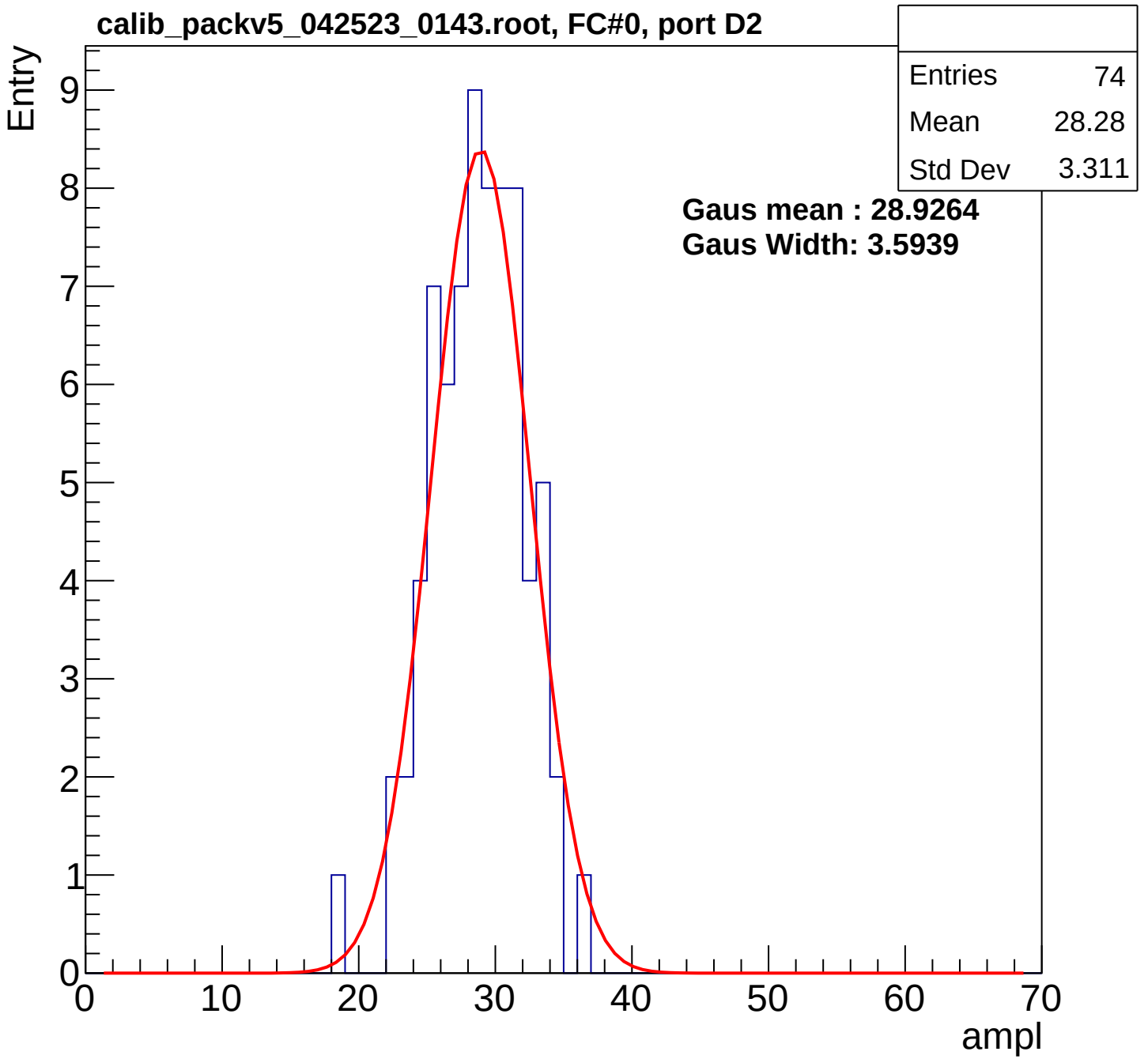
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch23, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 28.28
Std Dev 3.311
Gaus mean : 28.9264
Gaus Width: 3.5939
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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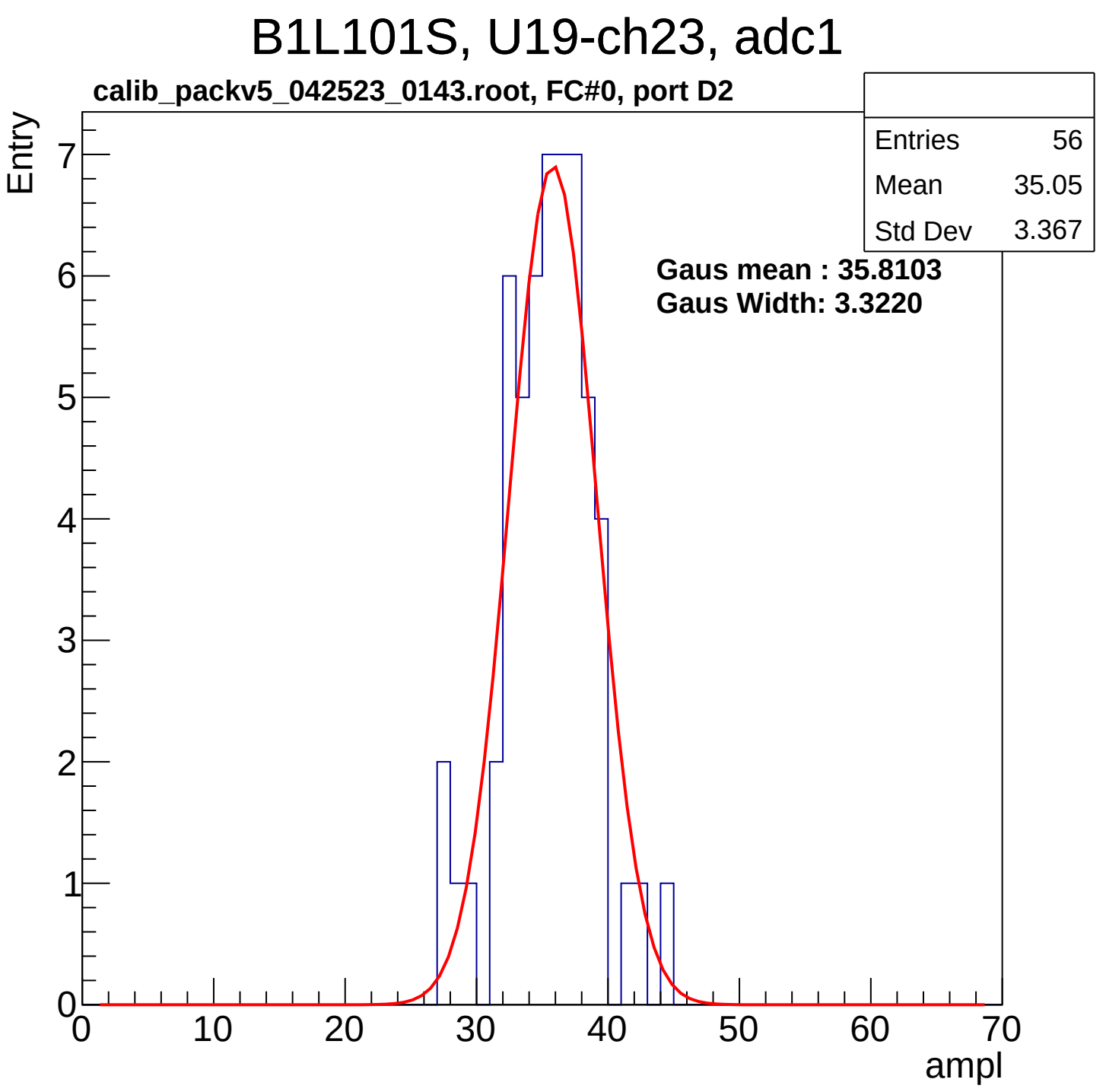
B1L101S, U19-ch23, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 35.05
Std Dev 3.367
Gaus mean : 35.8103
Gaus Width: 3.3220
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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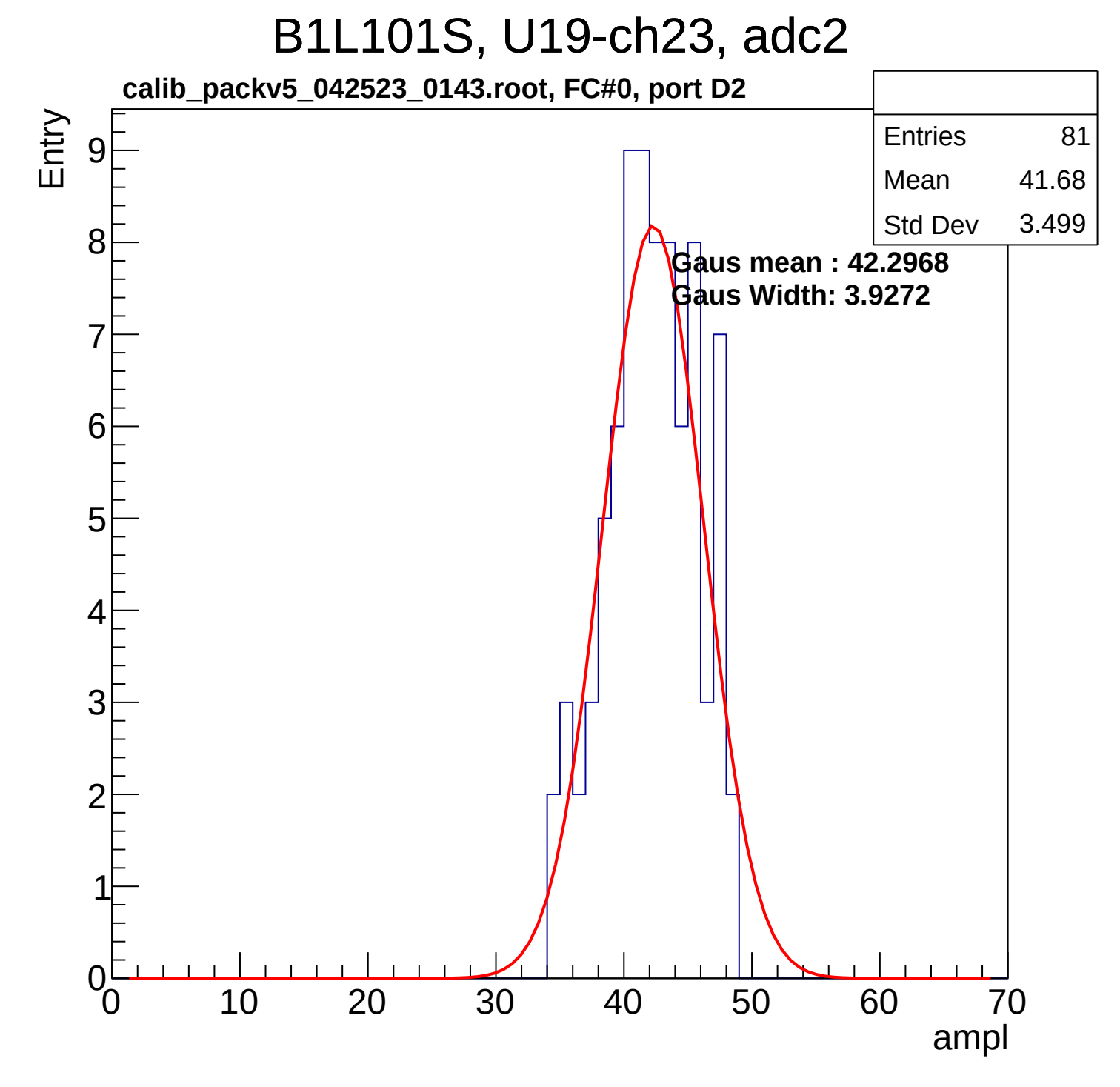
B1L101S, U19-ch23, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 41.68
Std Dev 3.499
Gaus mean : 42.2968
Gaus Width: 3.9272
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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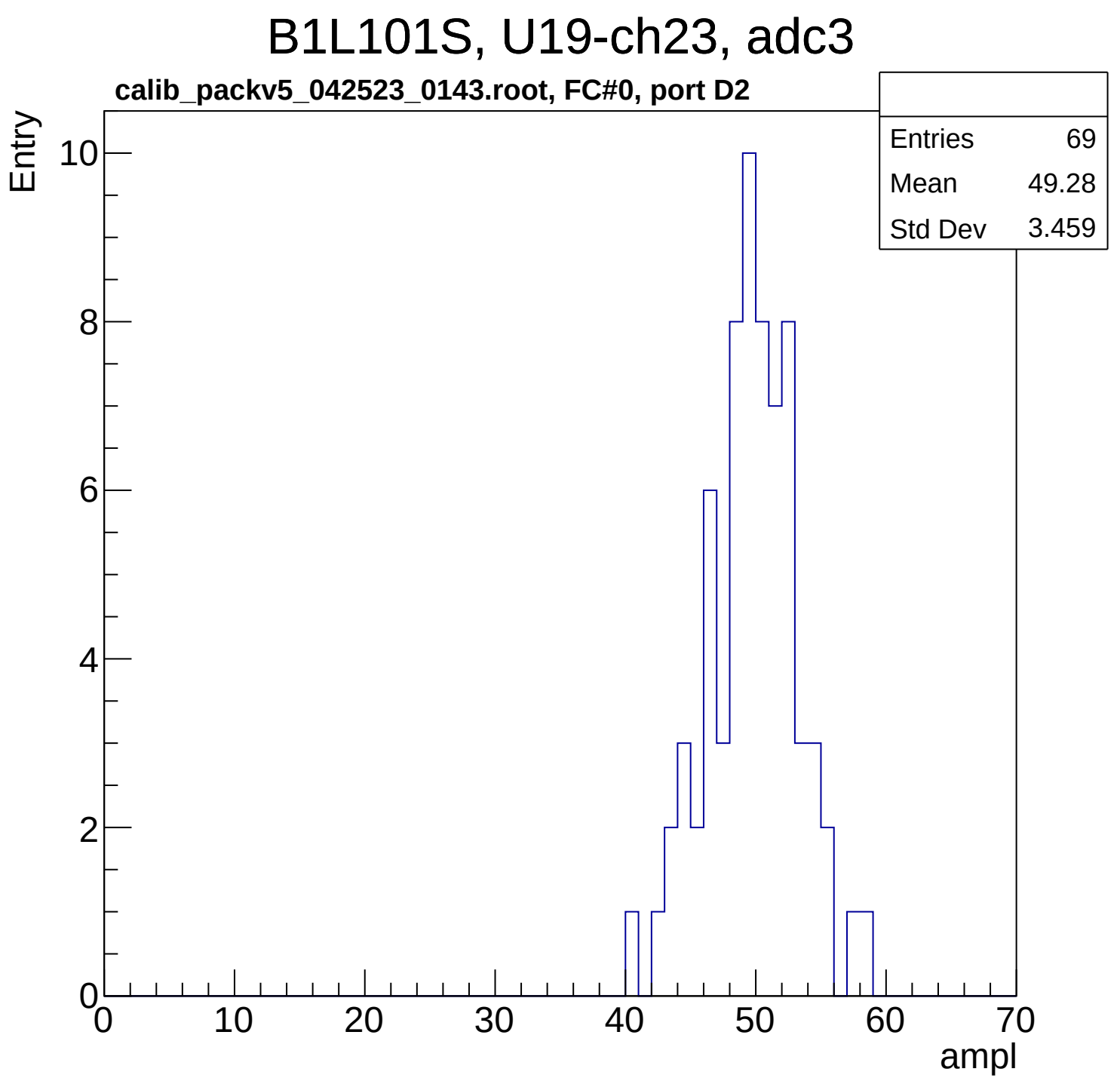
B1L101S, U19-ch23, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 49.28
Std Dev 3.459
Entry
ampl
0
2
4
6
8
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0
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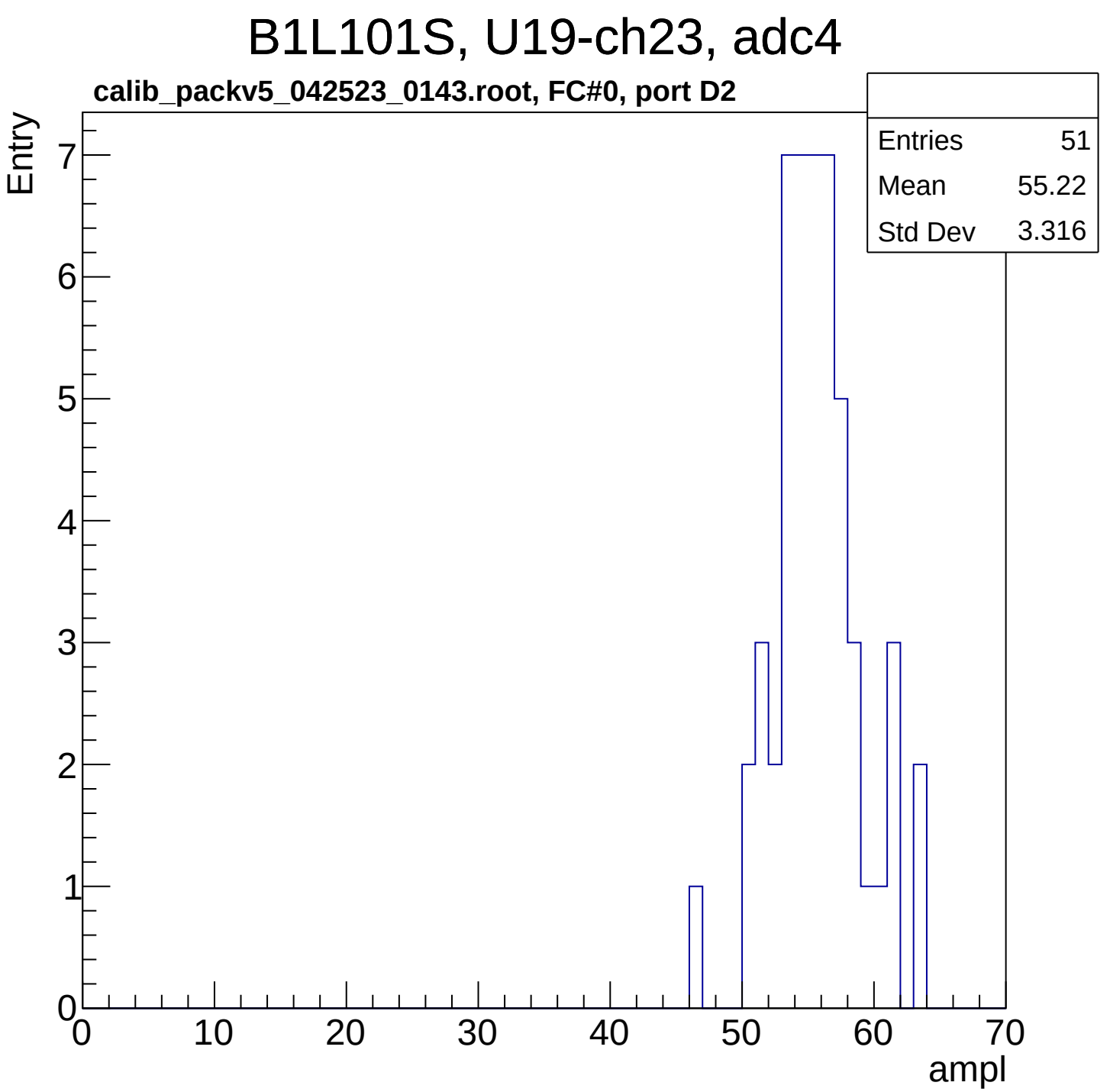
B1L101S, U19-ch23, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 55.22
Std Dev 3.316
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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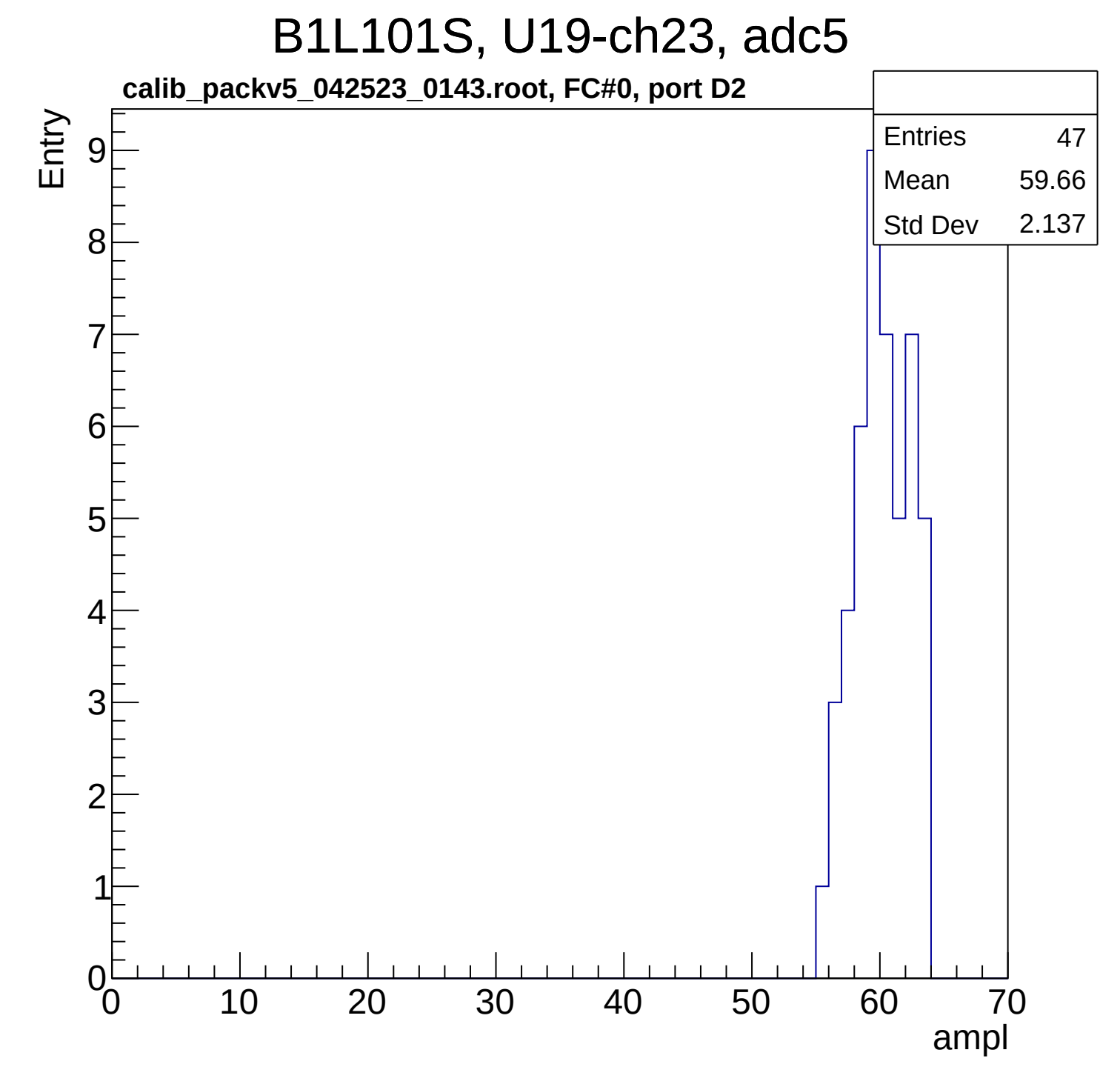
B1L101S, U19-ch23, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 59.66
Std Dev 2.137
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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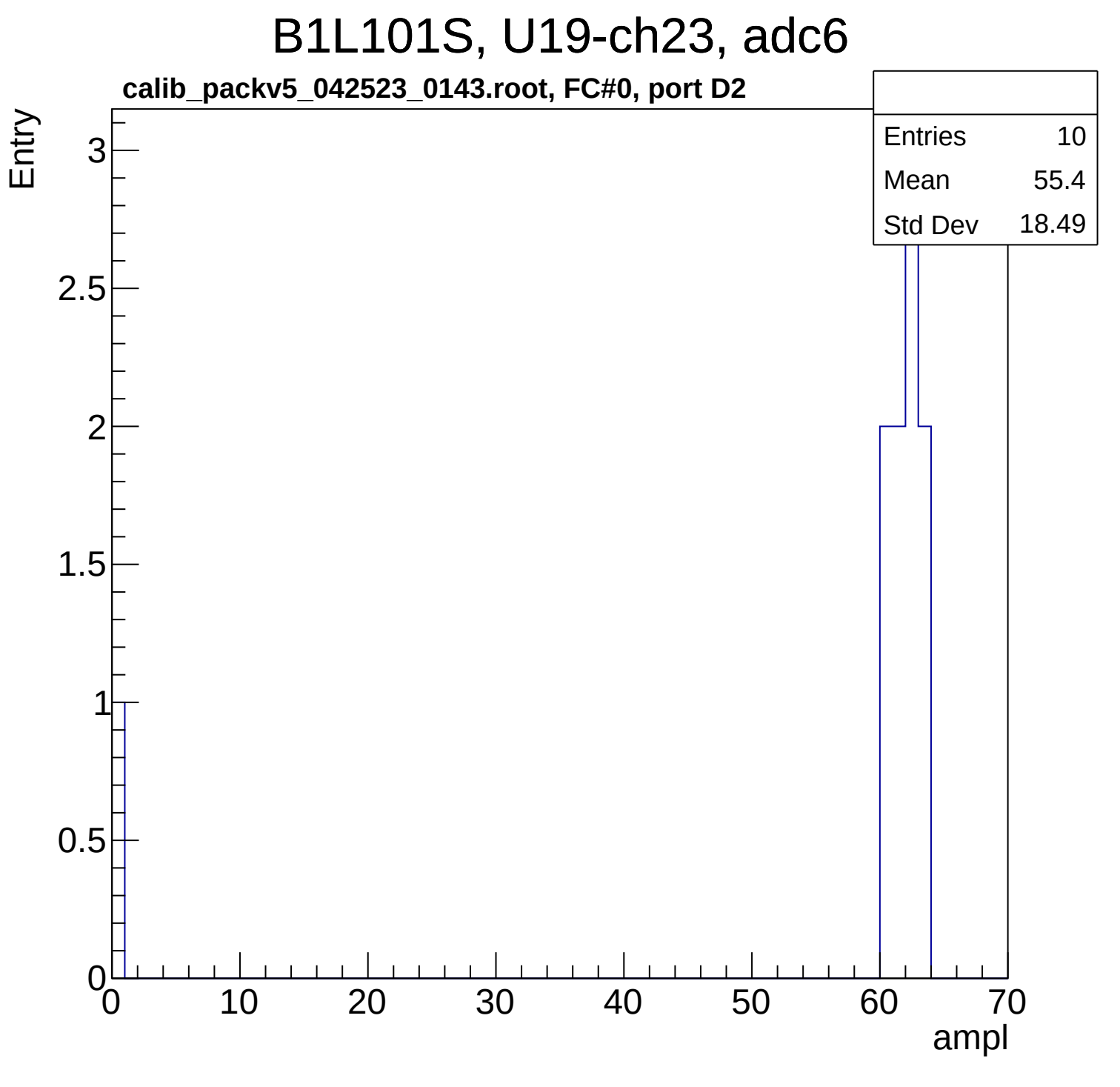
B1L101S, U19-ch23, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 55.4
Std Dev 18.49
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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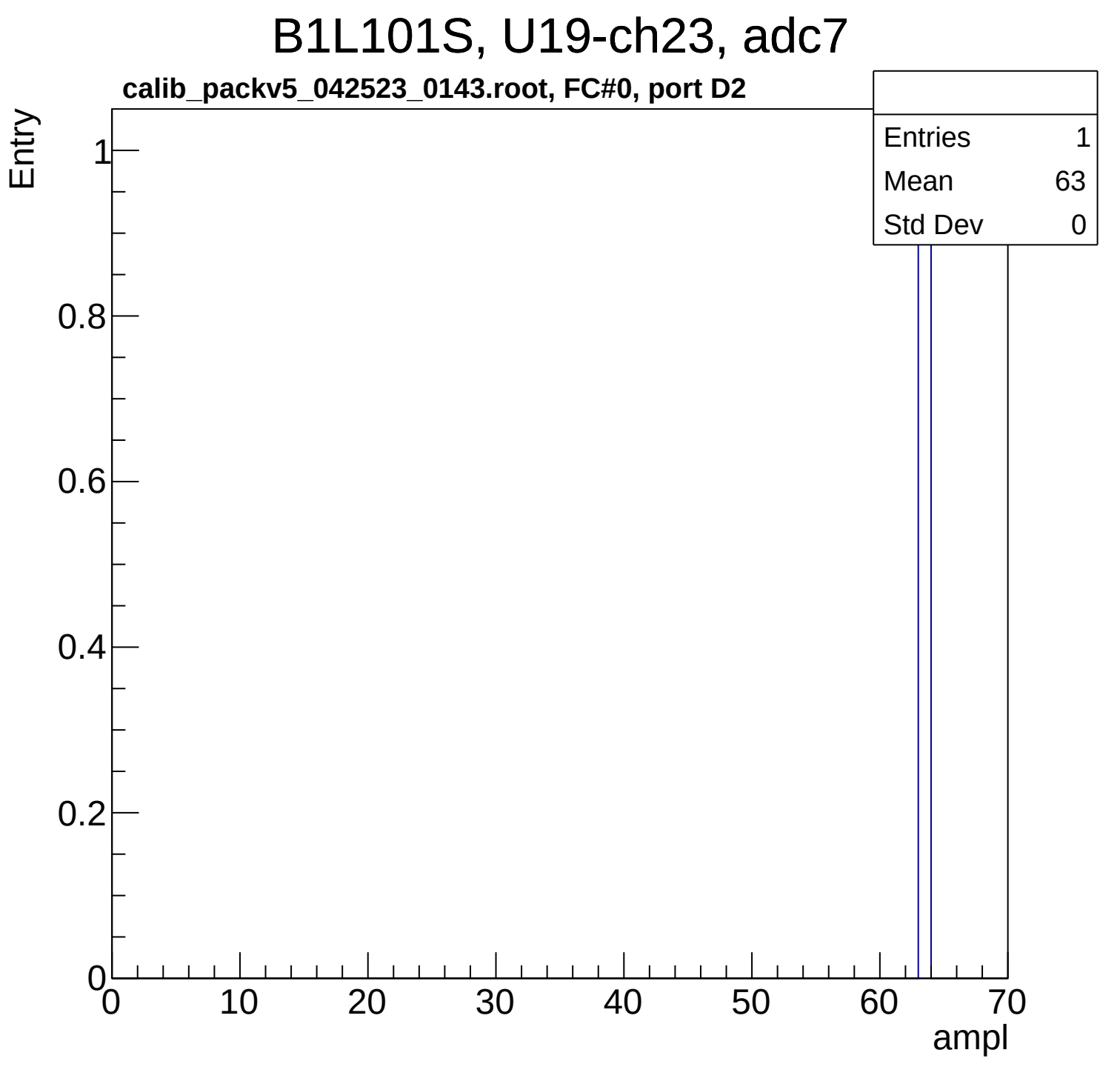
B1L101S, U19-ch23, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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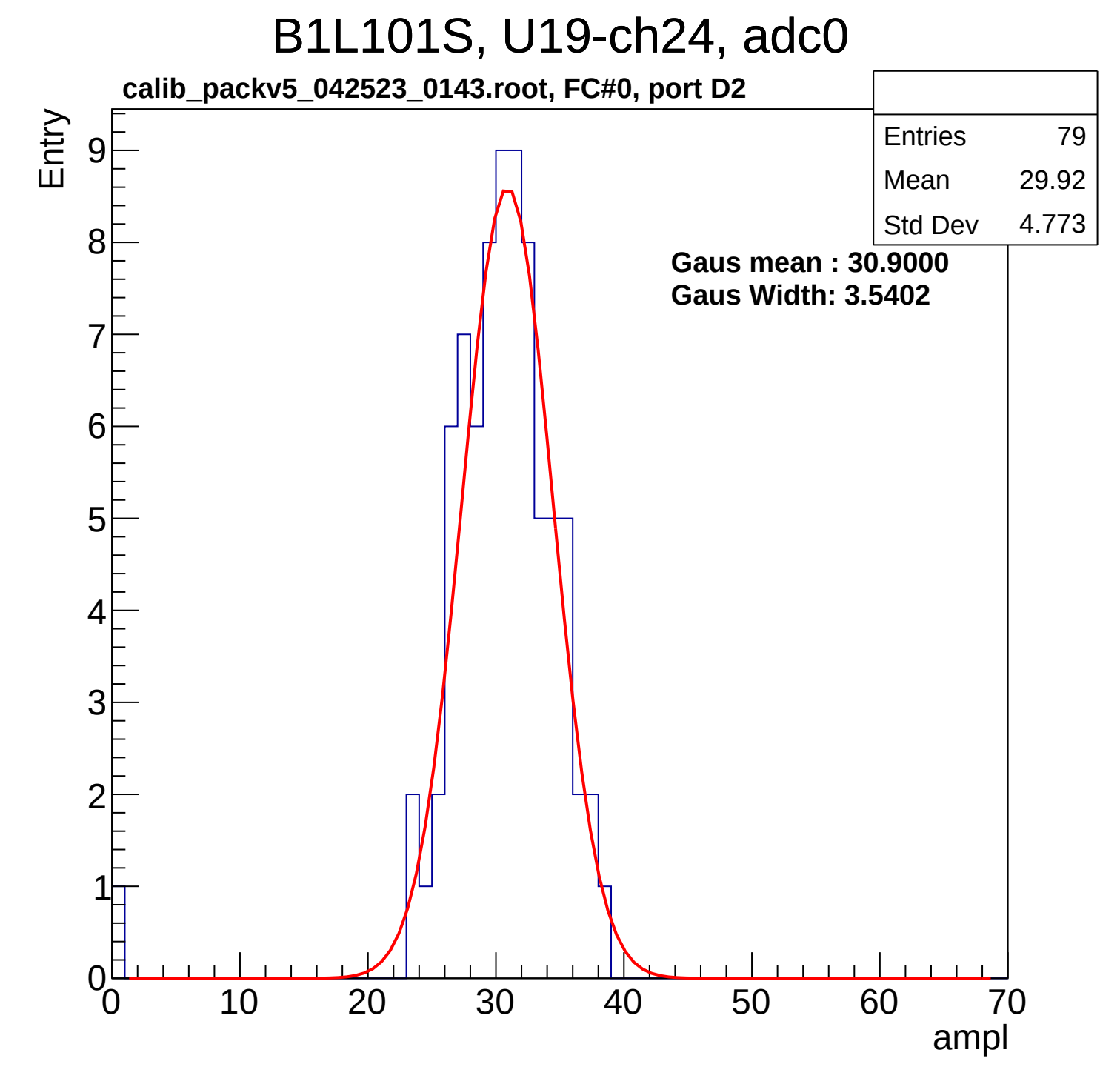
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch24, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 29.92
Std Dev 4.773
Gaus mean : 30.9000
Gaus Width: 3.5402
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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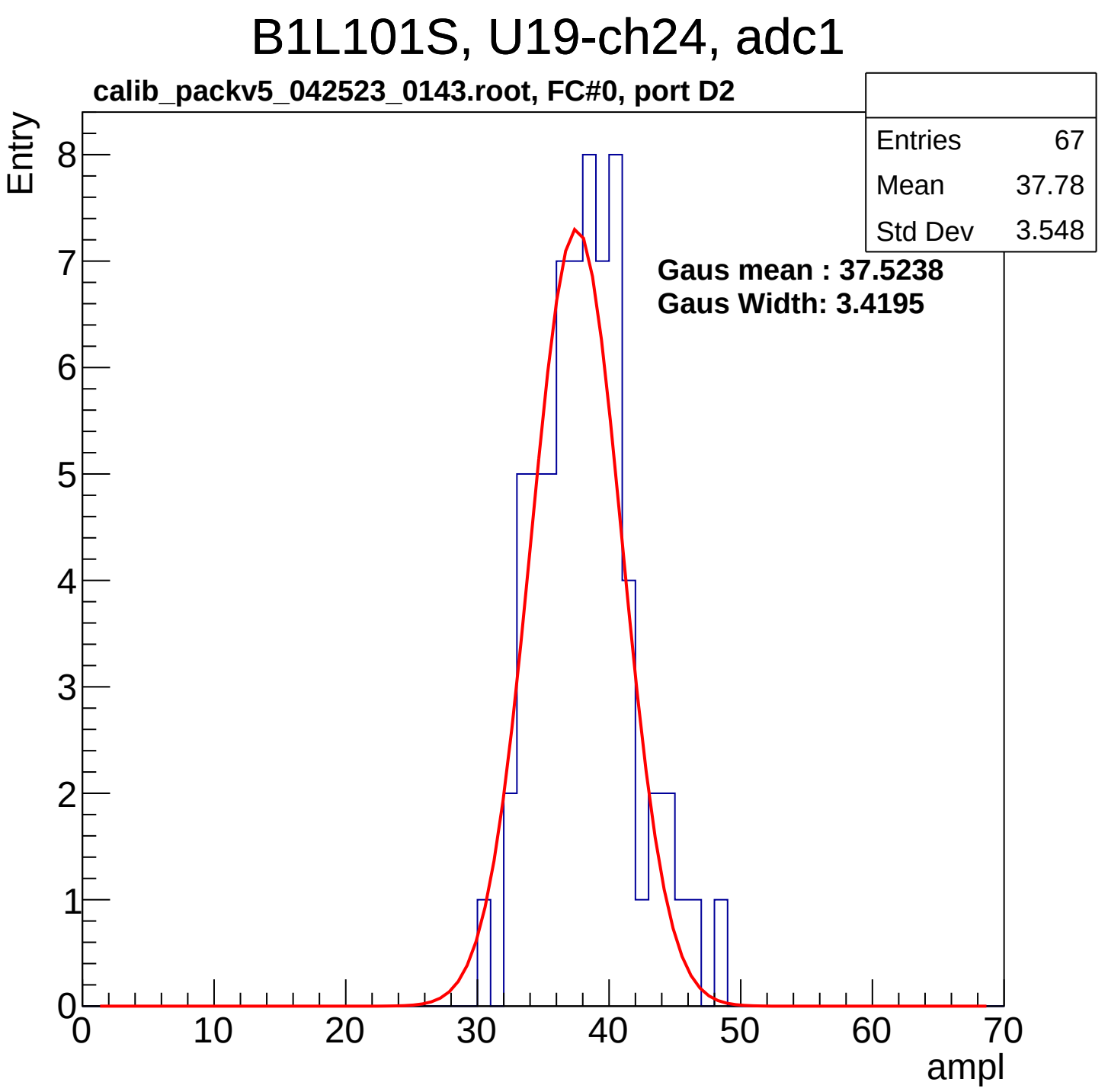
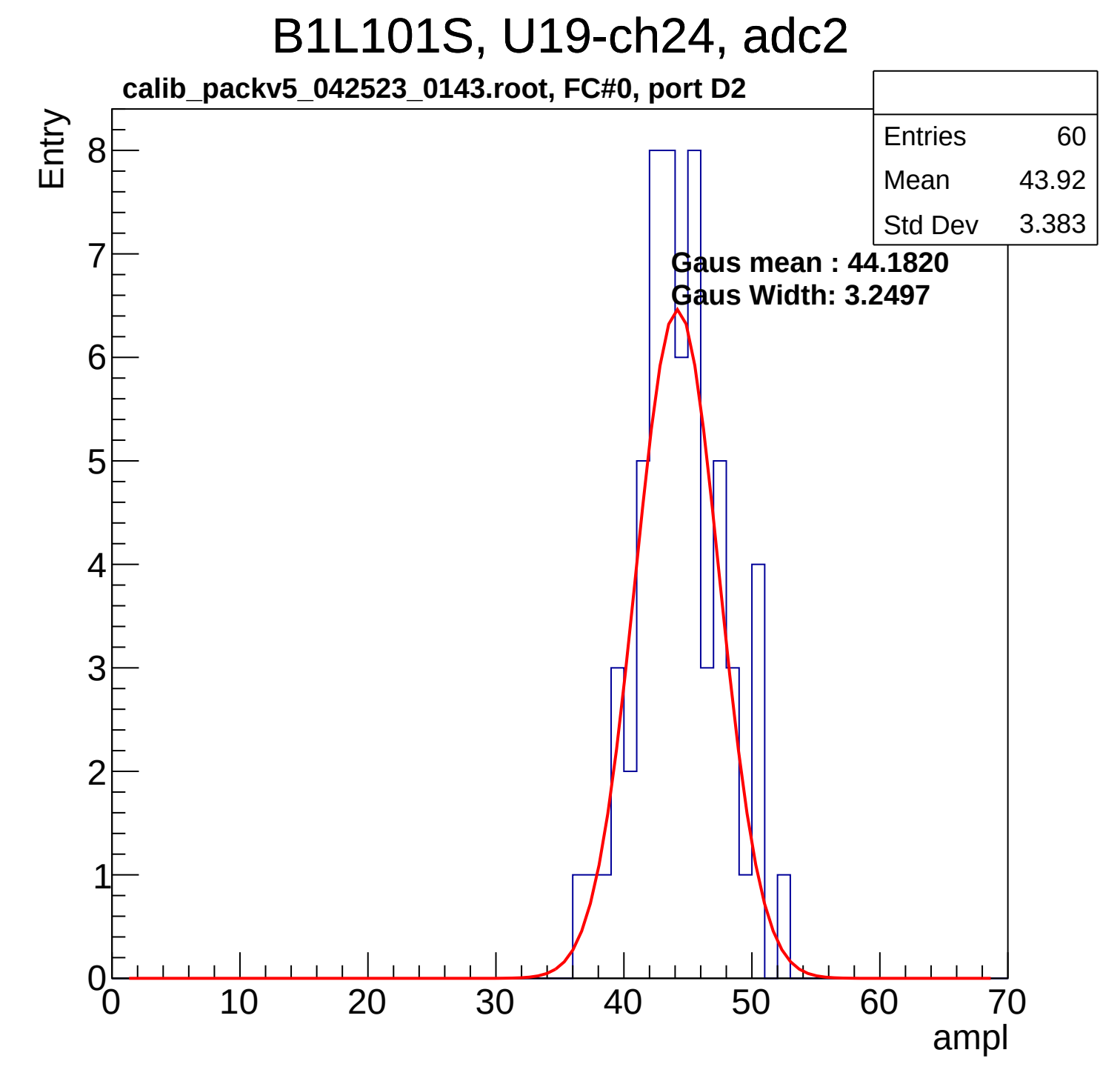

B1L101S, U19-ch24, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 37.78
Std Dev 3.548
Gaus mean : 37.5238
Gaus Width: 3.4195
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch24, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 43.92
Std Dev 3.383
Gaus mean : 44.1820
Gaus Width: 3.2497
Entry
ampl
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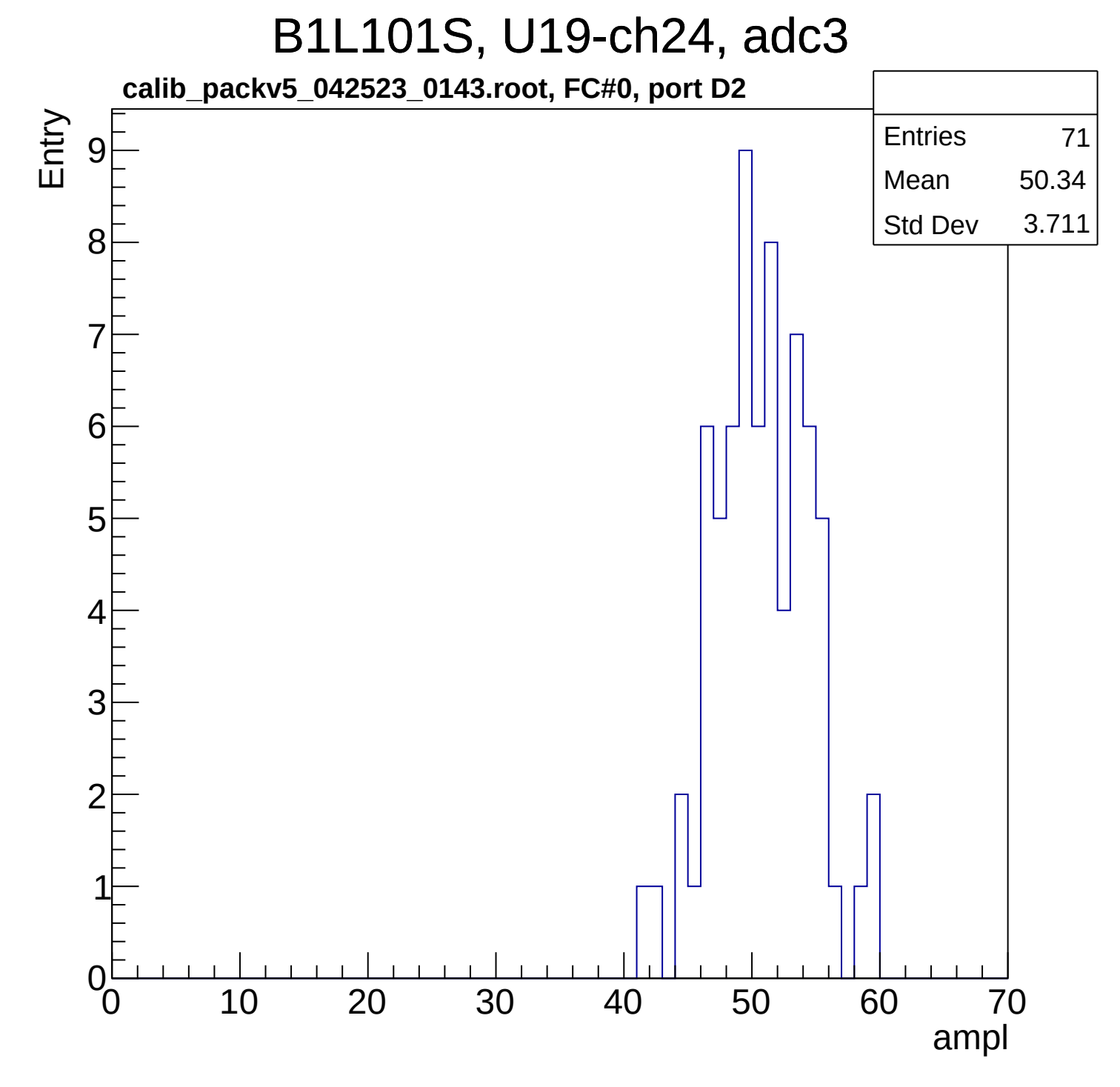
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch24, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 50.34
Std Dev 3.711
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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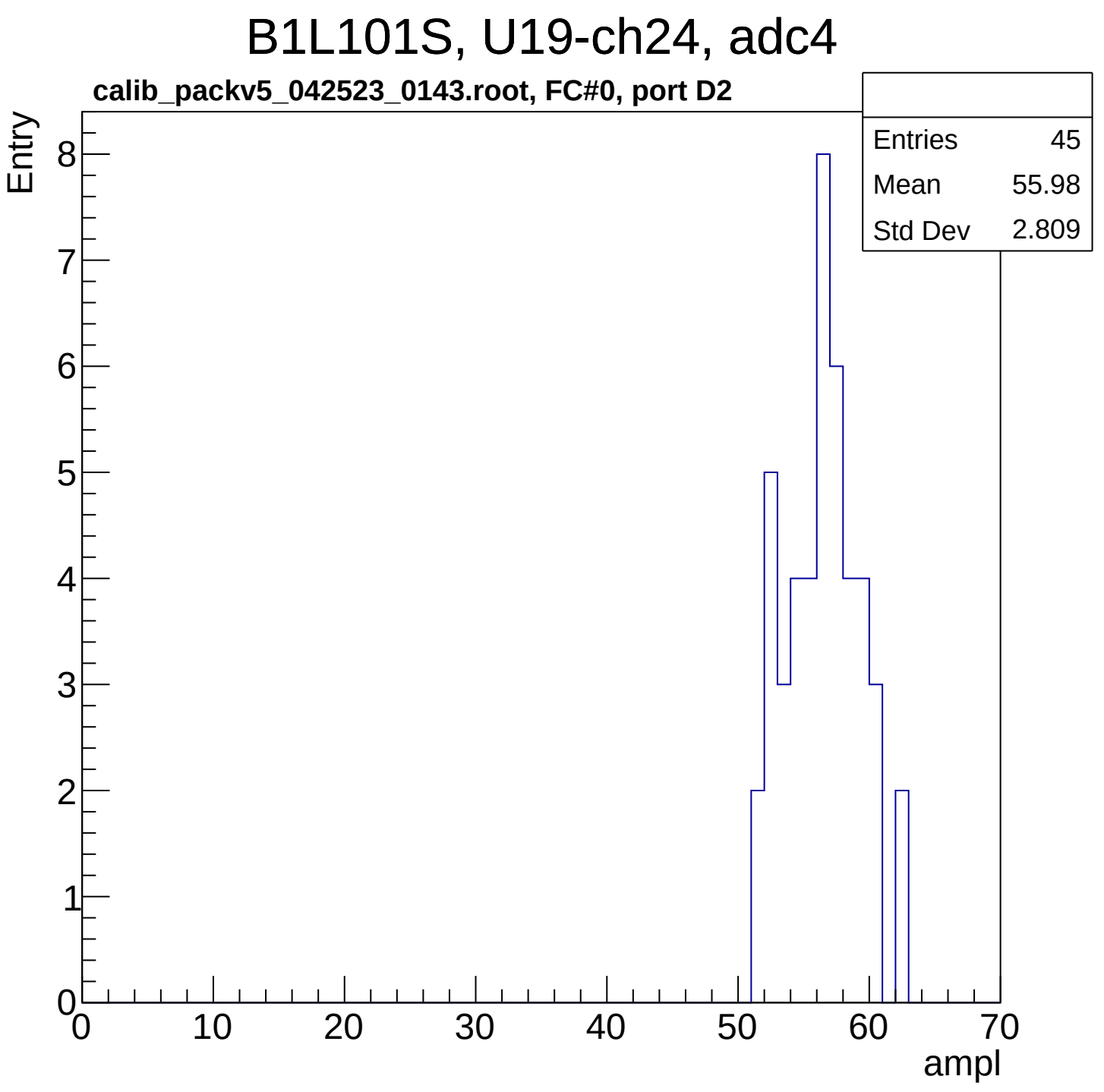
B1L101S, U19-ch24, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 55.98
Std Dev 2.809
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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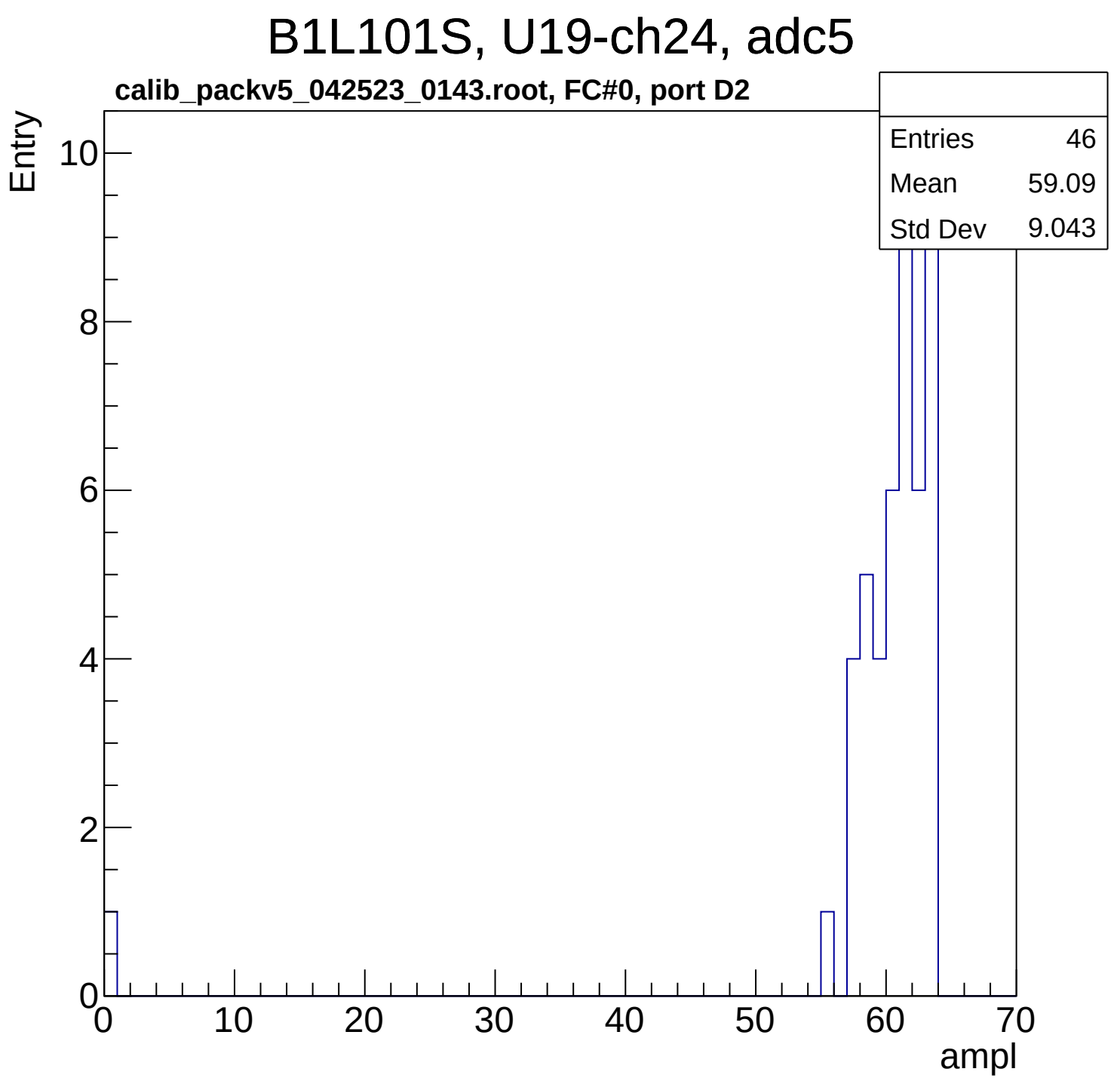
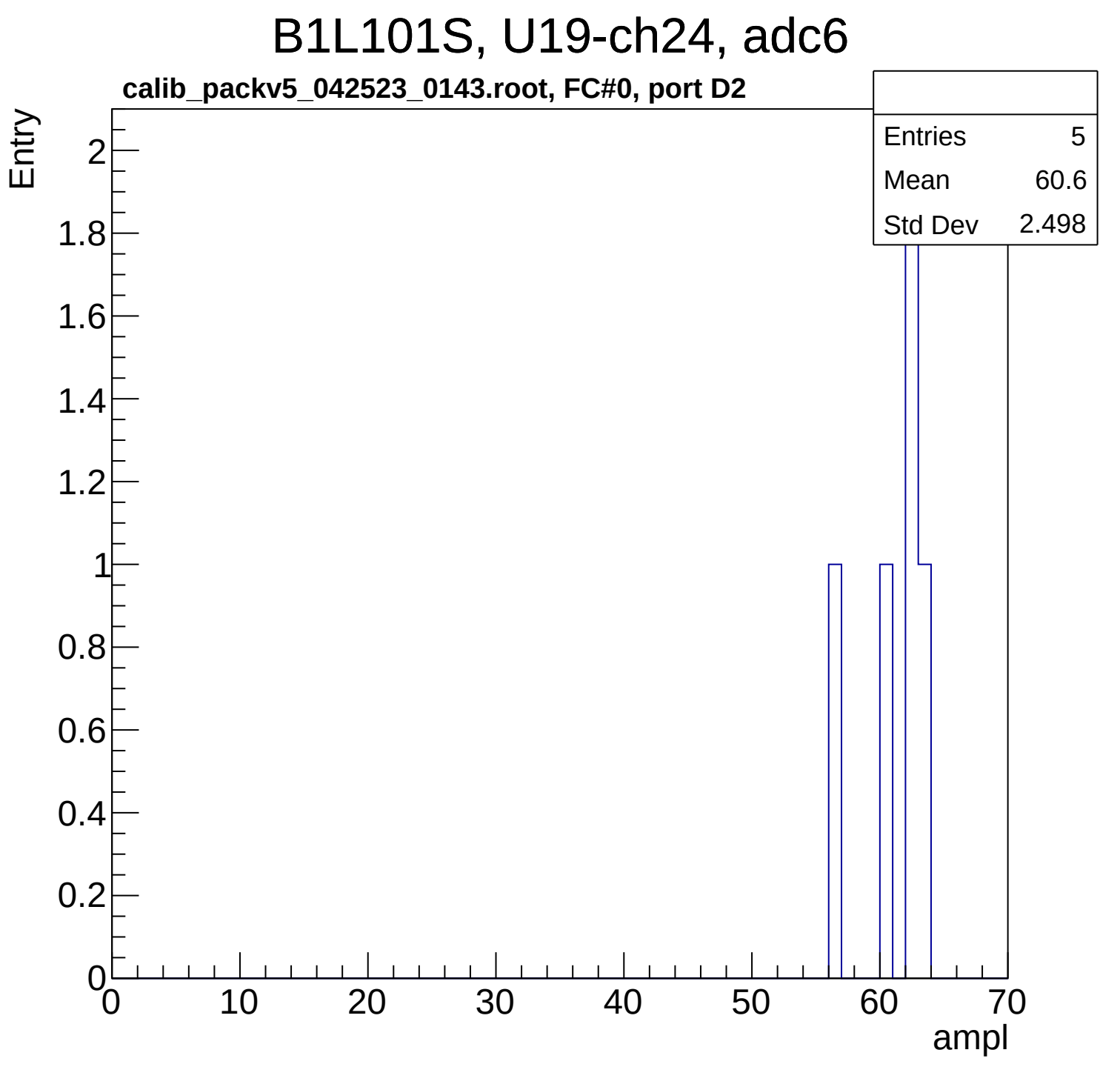
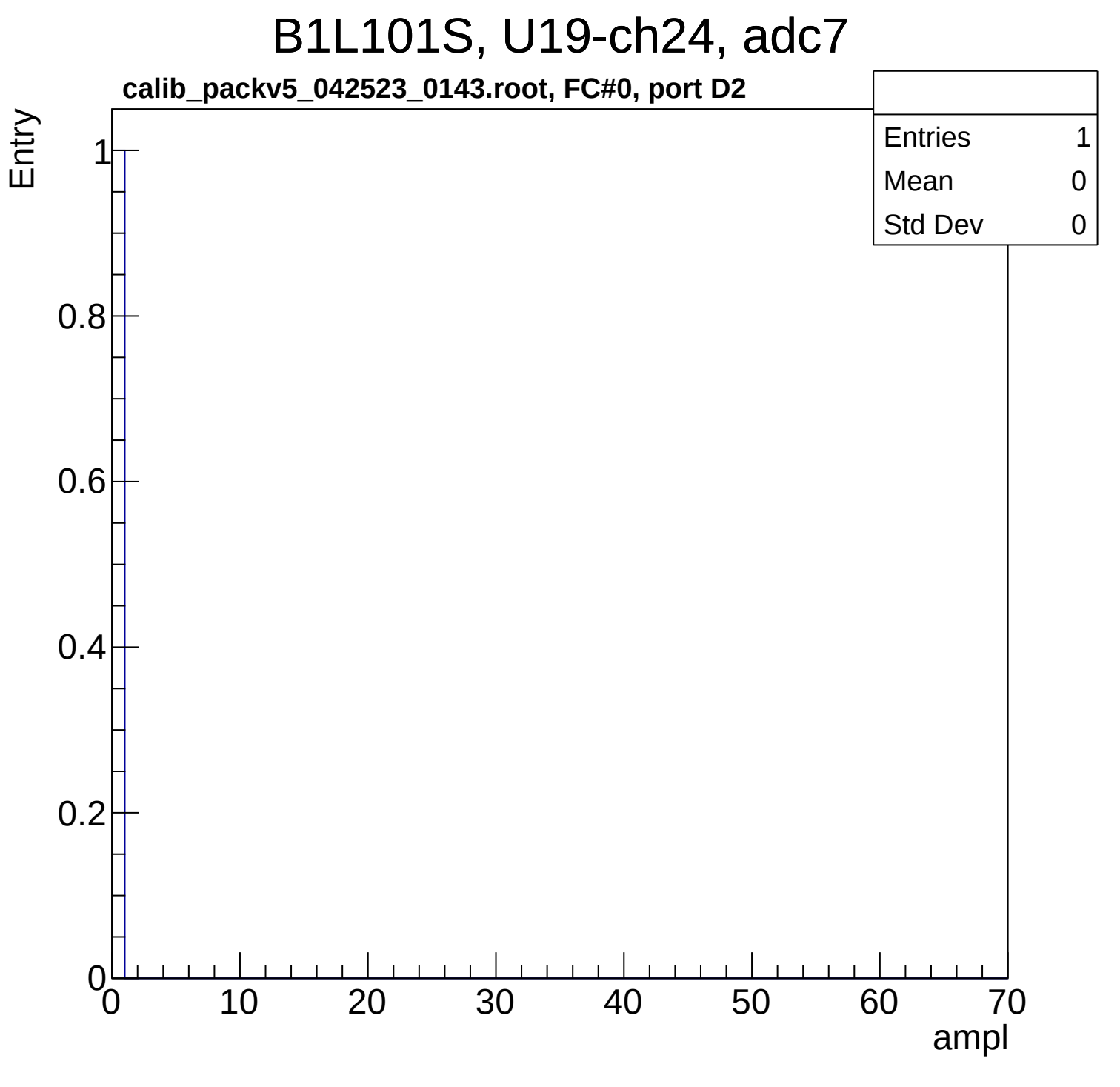
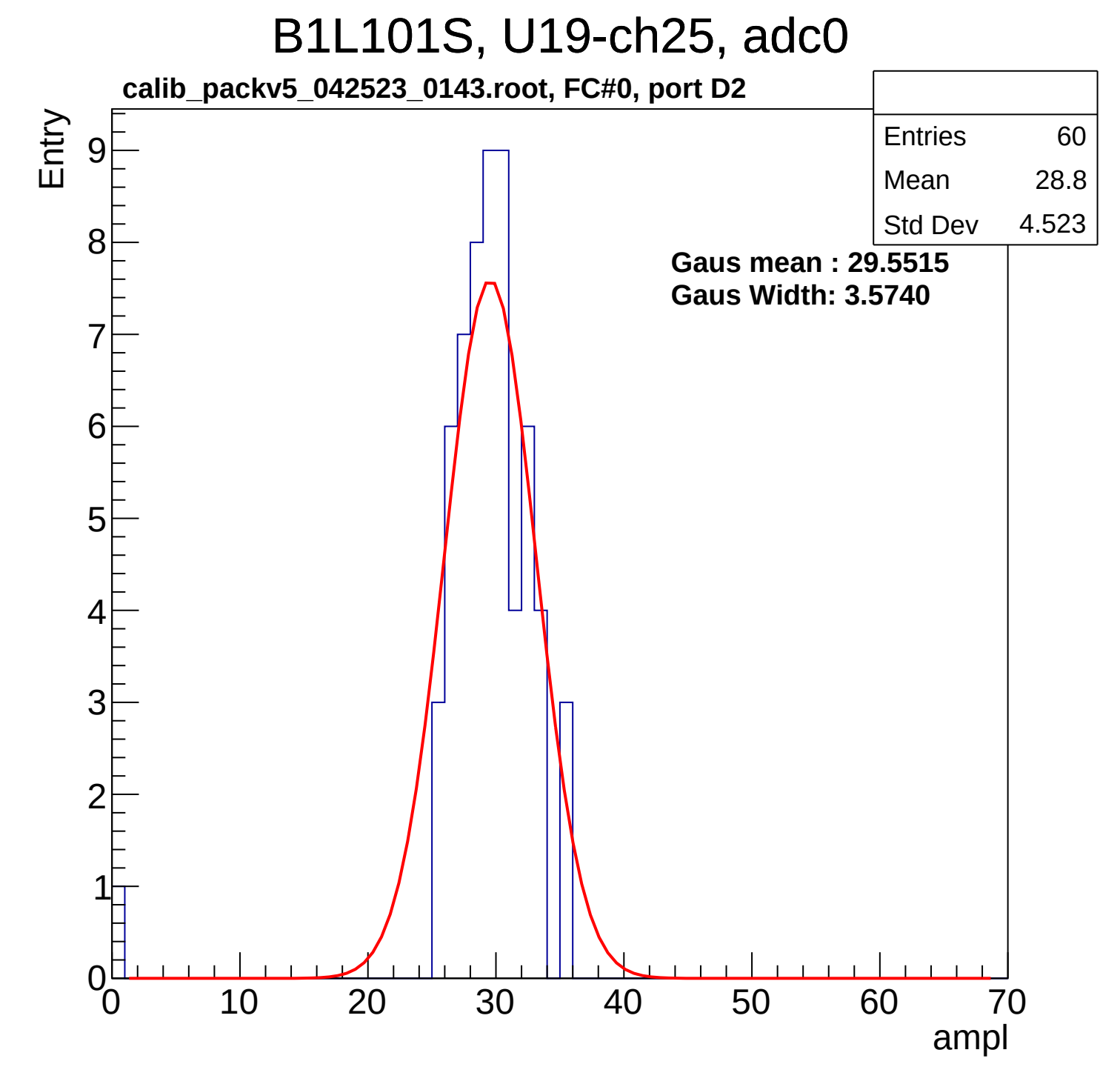

B1L101S, U19-ch24, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 59.09
Std Dev 9.043
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch24, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 60.6
Std Dev 2.498
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch24, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch25, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 28.8
Std Dev 4.523
Gaus mean : 29.5515
Gaus Width: 3.5740
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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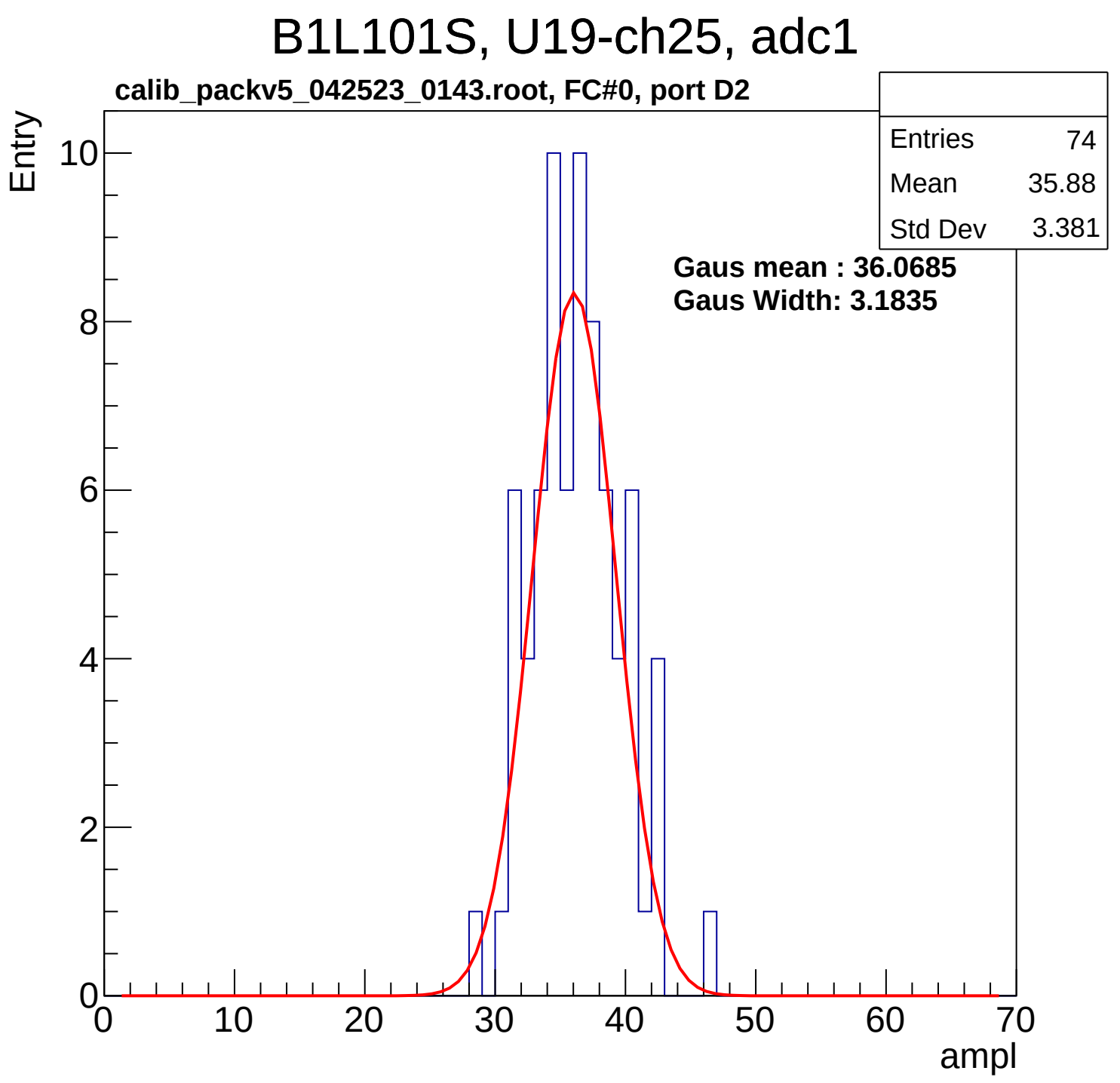
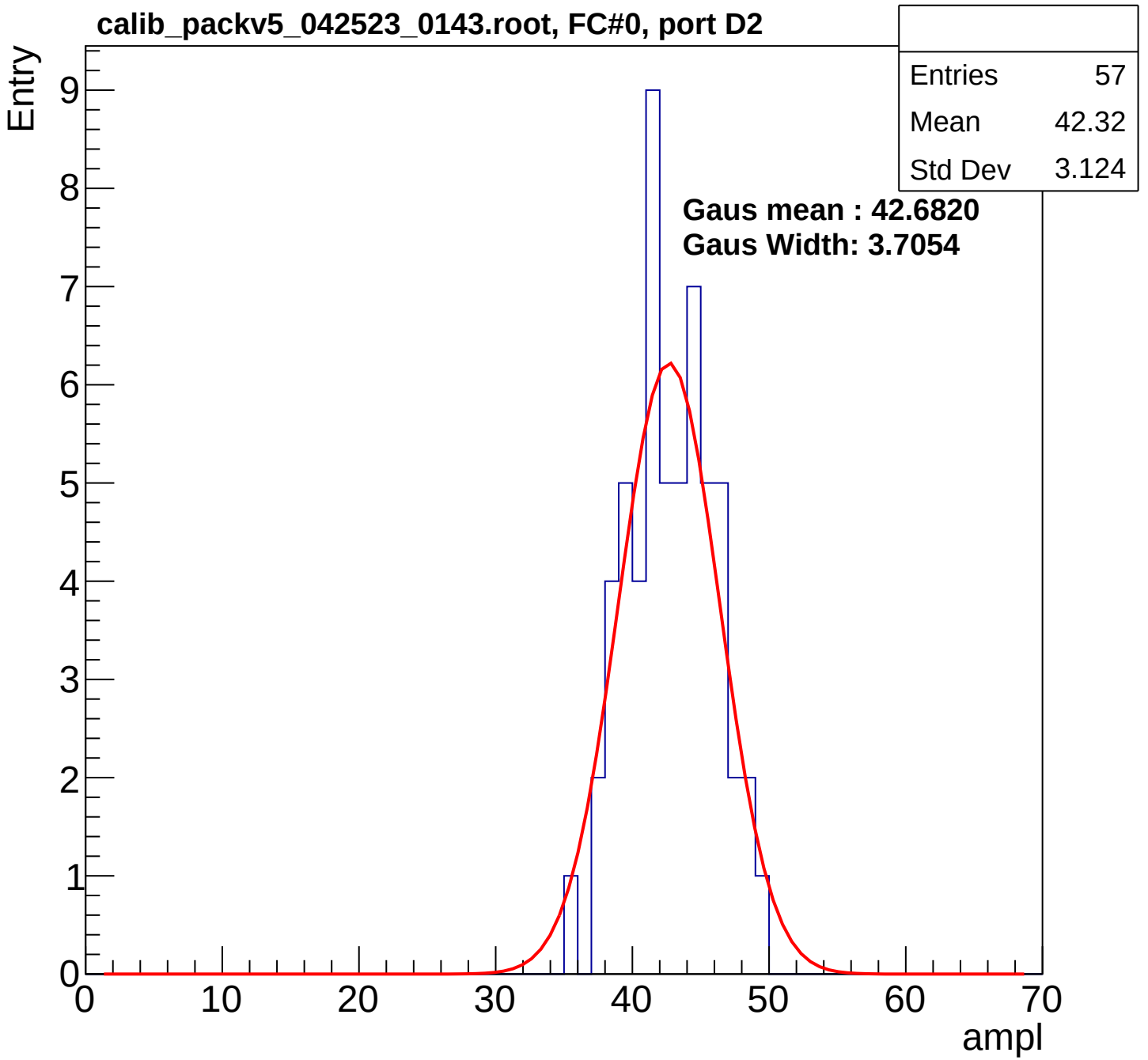

B1L101S, U19-ch25, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 35.88
Std Dev 3.381
Gaus mean : 36.0685
Gaus Width: 3.1835
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch25, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 42.32
Std Dev 3.124
Gaus mean : 42.6820
Gaus Width: 3.7054
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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20
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40
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60
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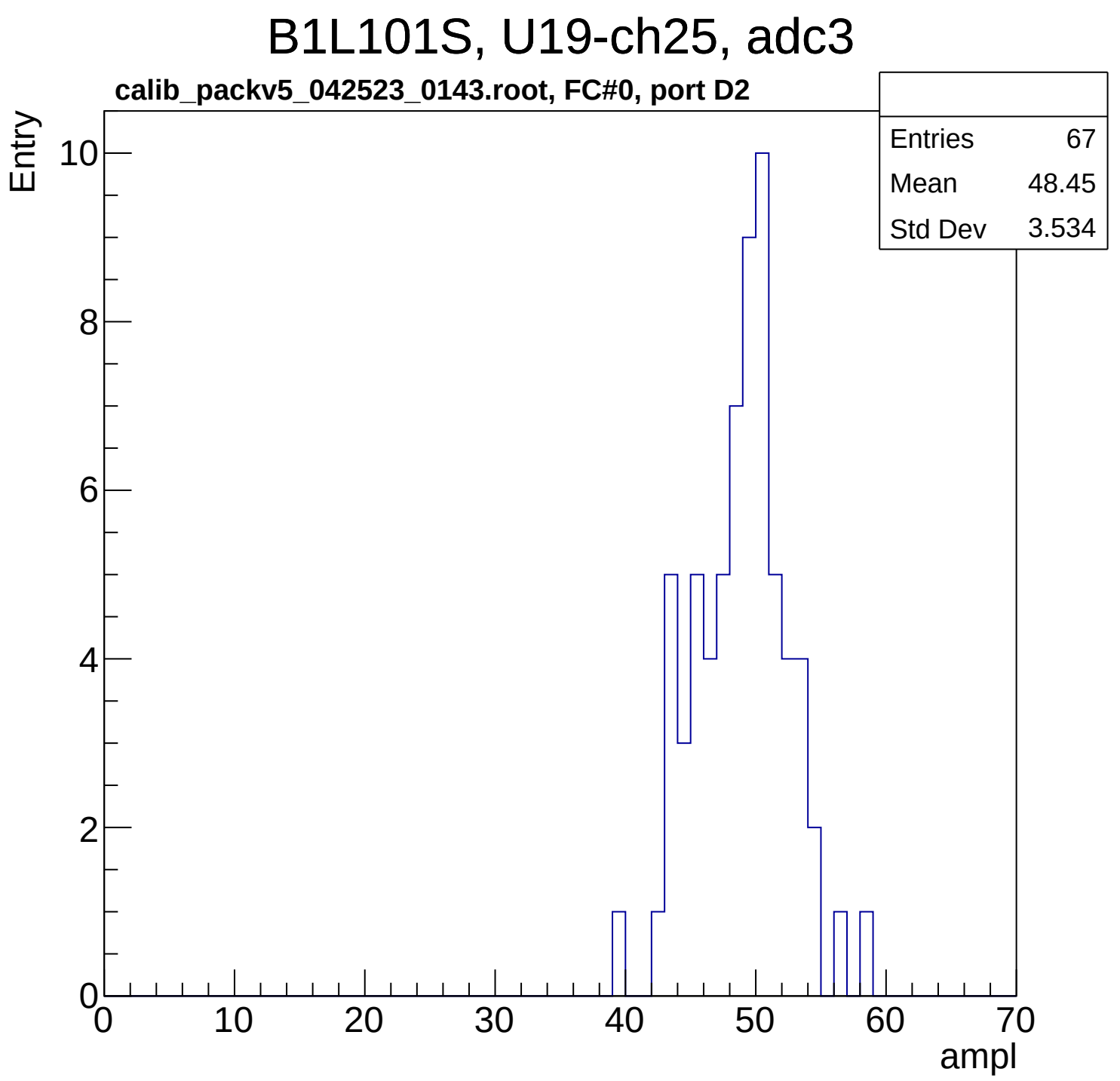
B1L101S, U19-ch25, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 48.45
Std Dev 3.534
Entry
ampl
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2
4
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8
10
0
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40
50
60
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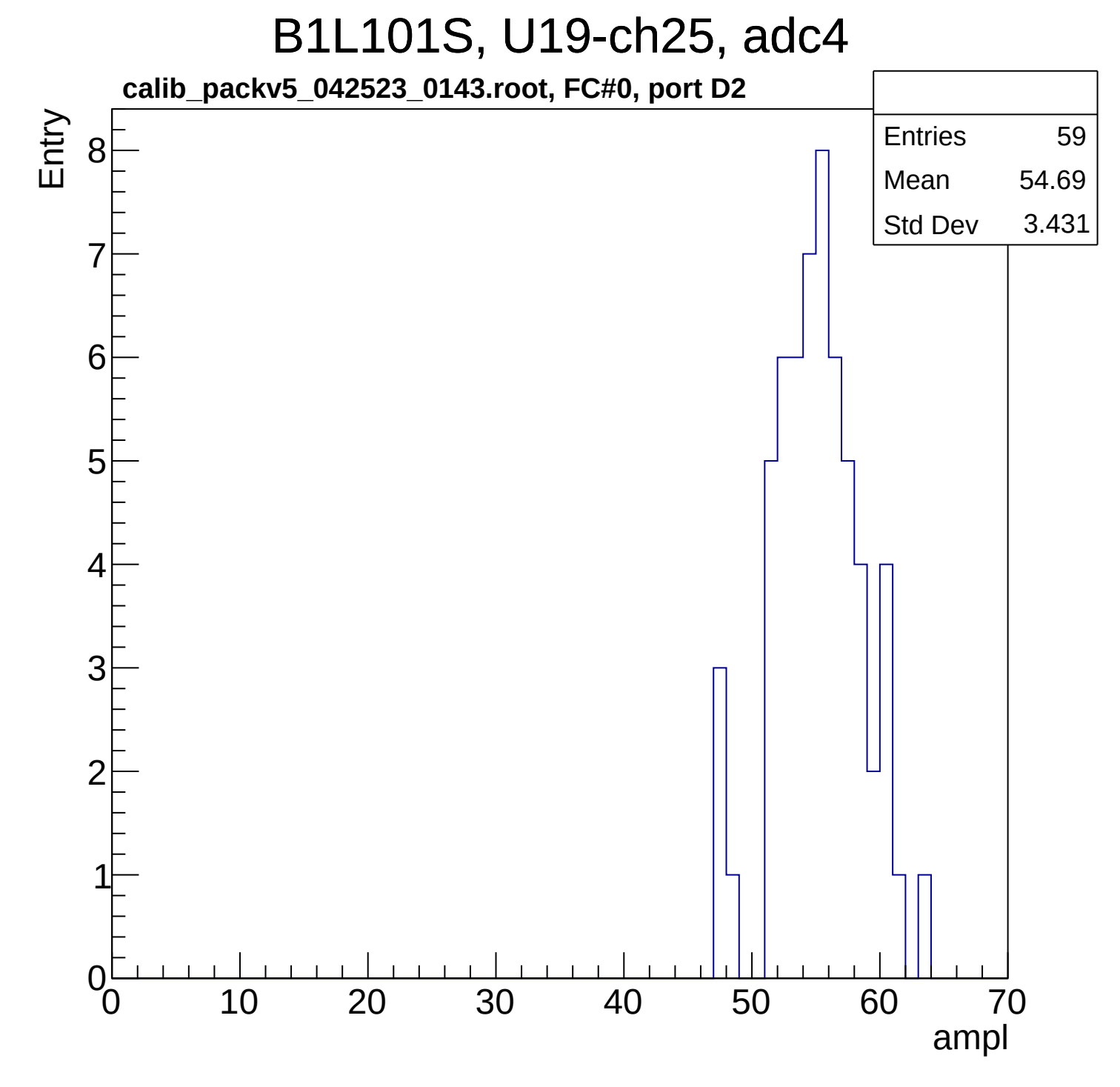
B1L101S, U19-ch25, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 54.69
Std Dev 3.431
Entry
ampl
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3
4
5
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0
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20
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40
50
60
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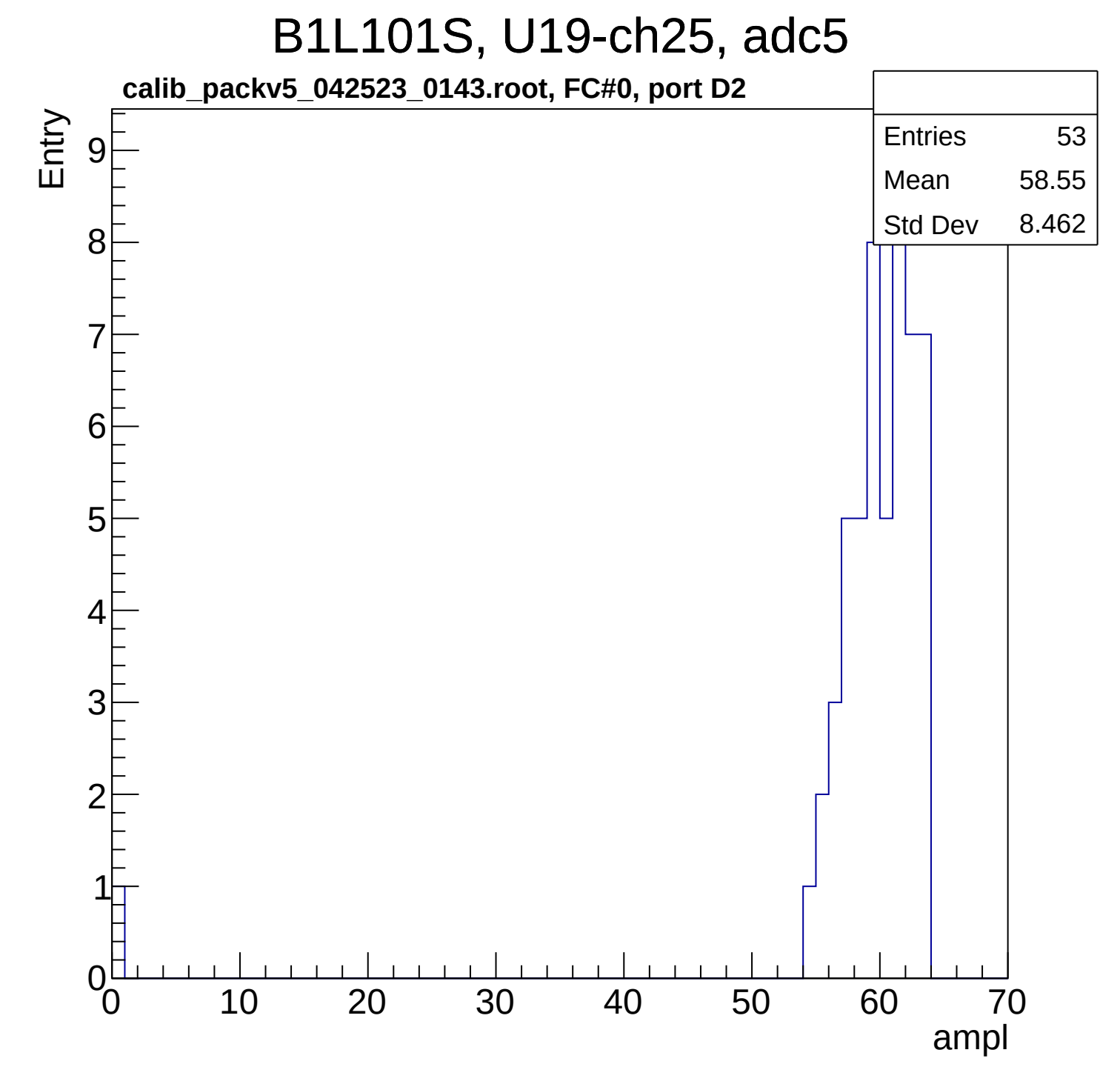
B1L101S, U19-ch25, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 58.55
Std Dev 8.462
Entry
ampl
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2
3
4
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6
7
8
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0
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20
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60
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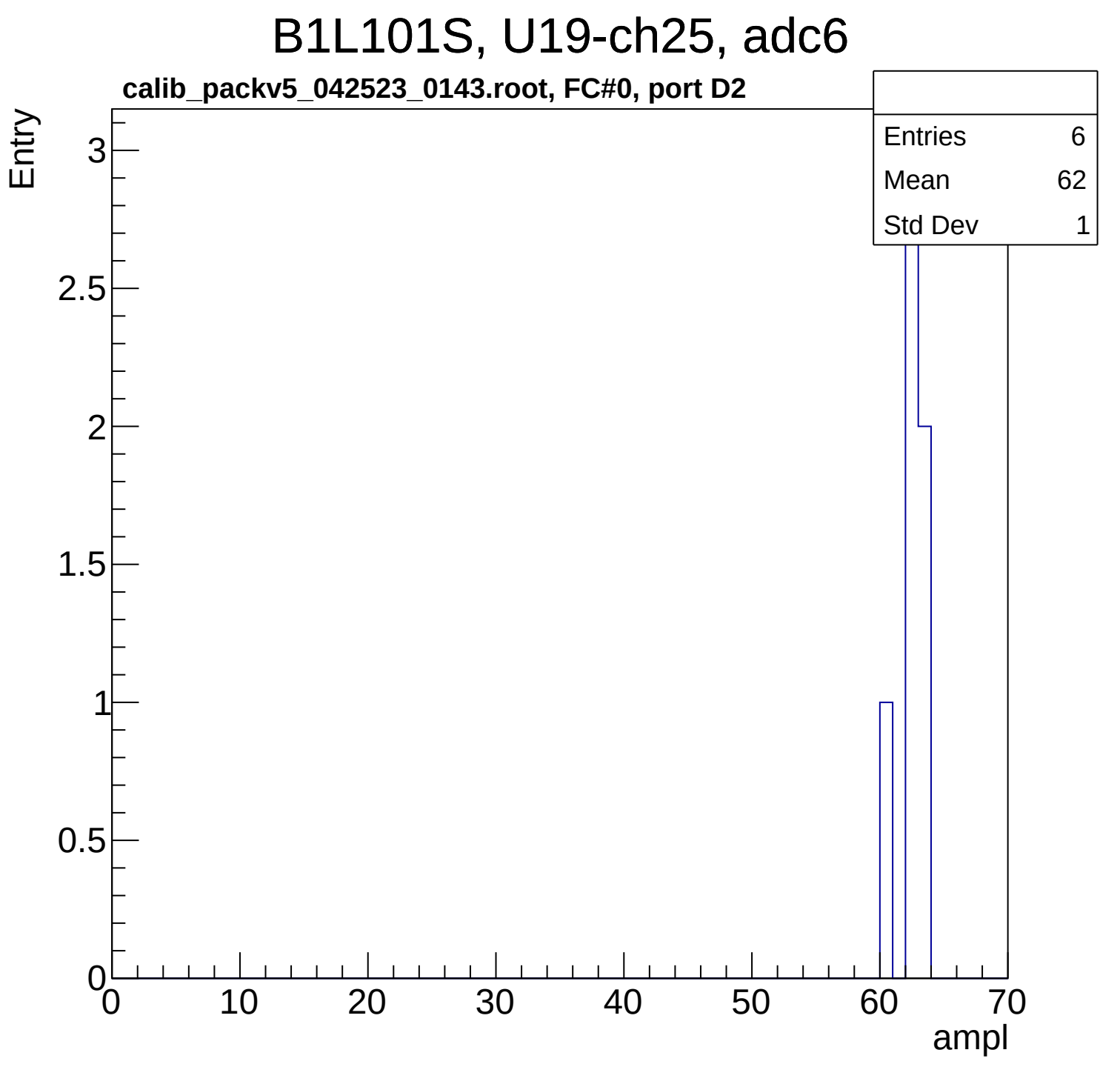
B1L101S, U19-ch25, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 62
Std Dev 1
Entry
ampl
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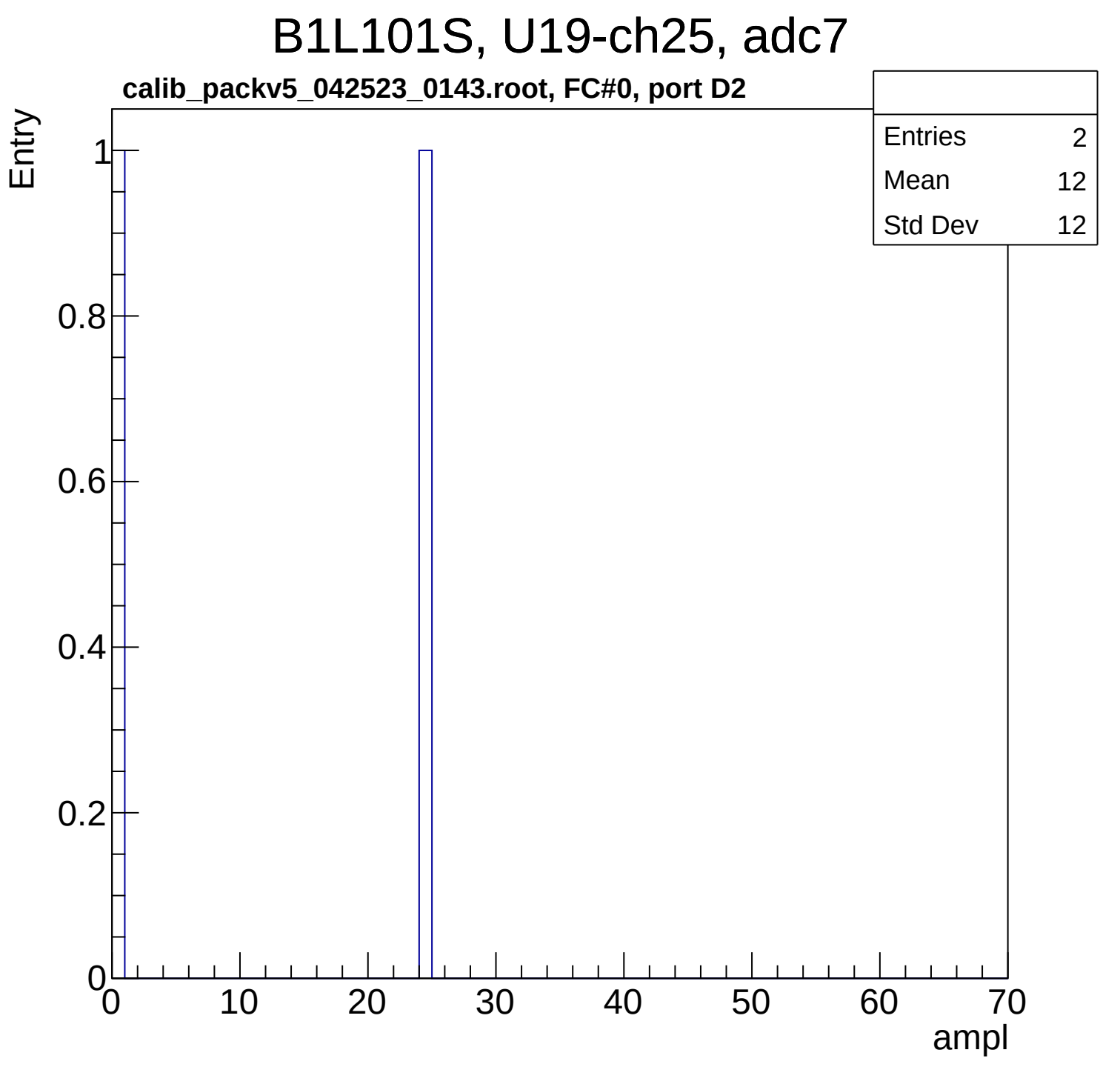
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch25, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 12
Std Dev 12
Entry
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0.6
0.4
0.2
0
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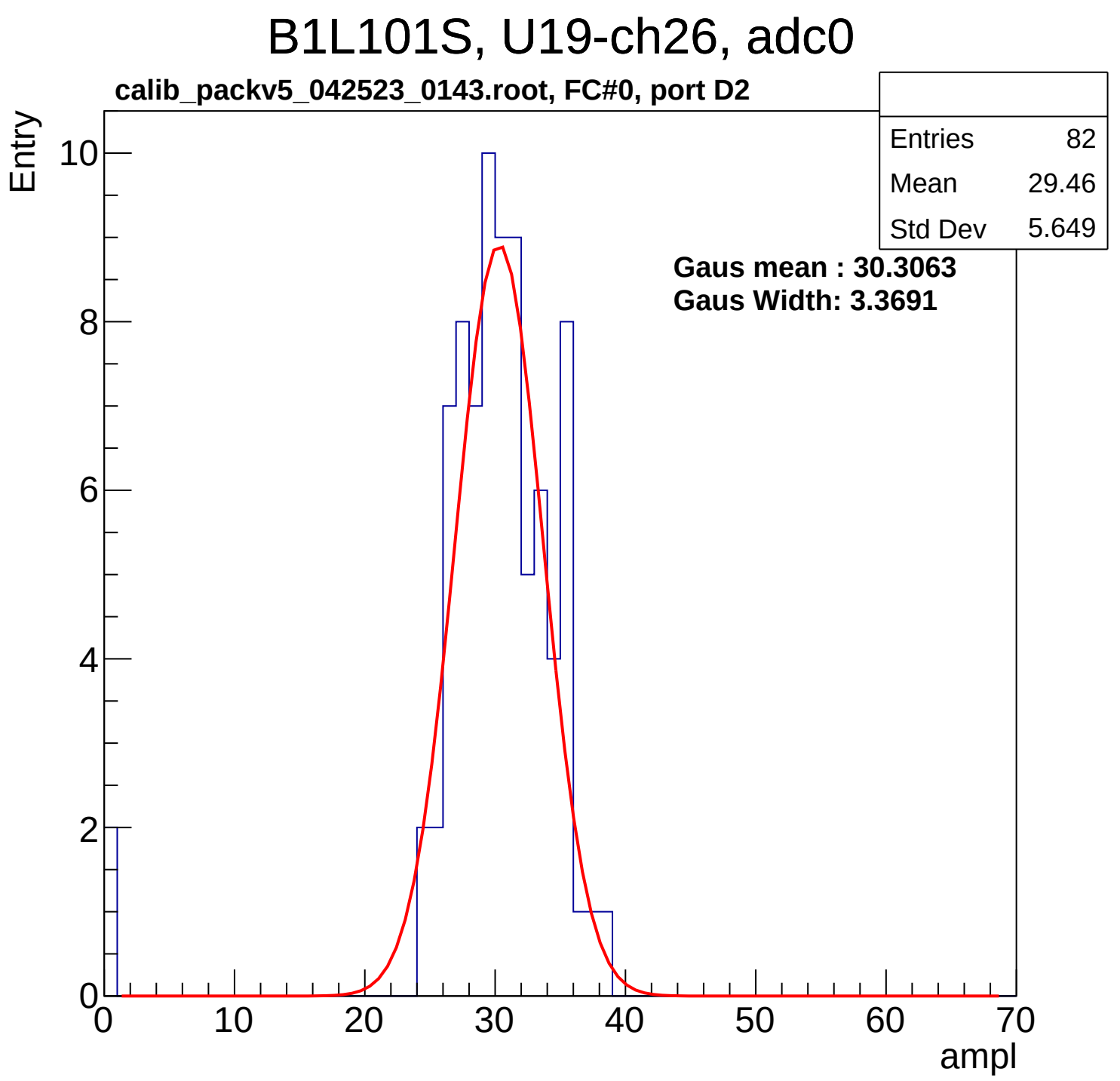
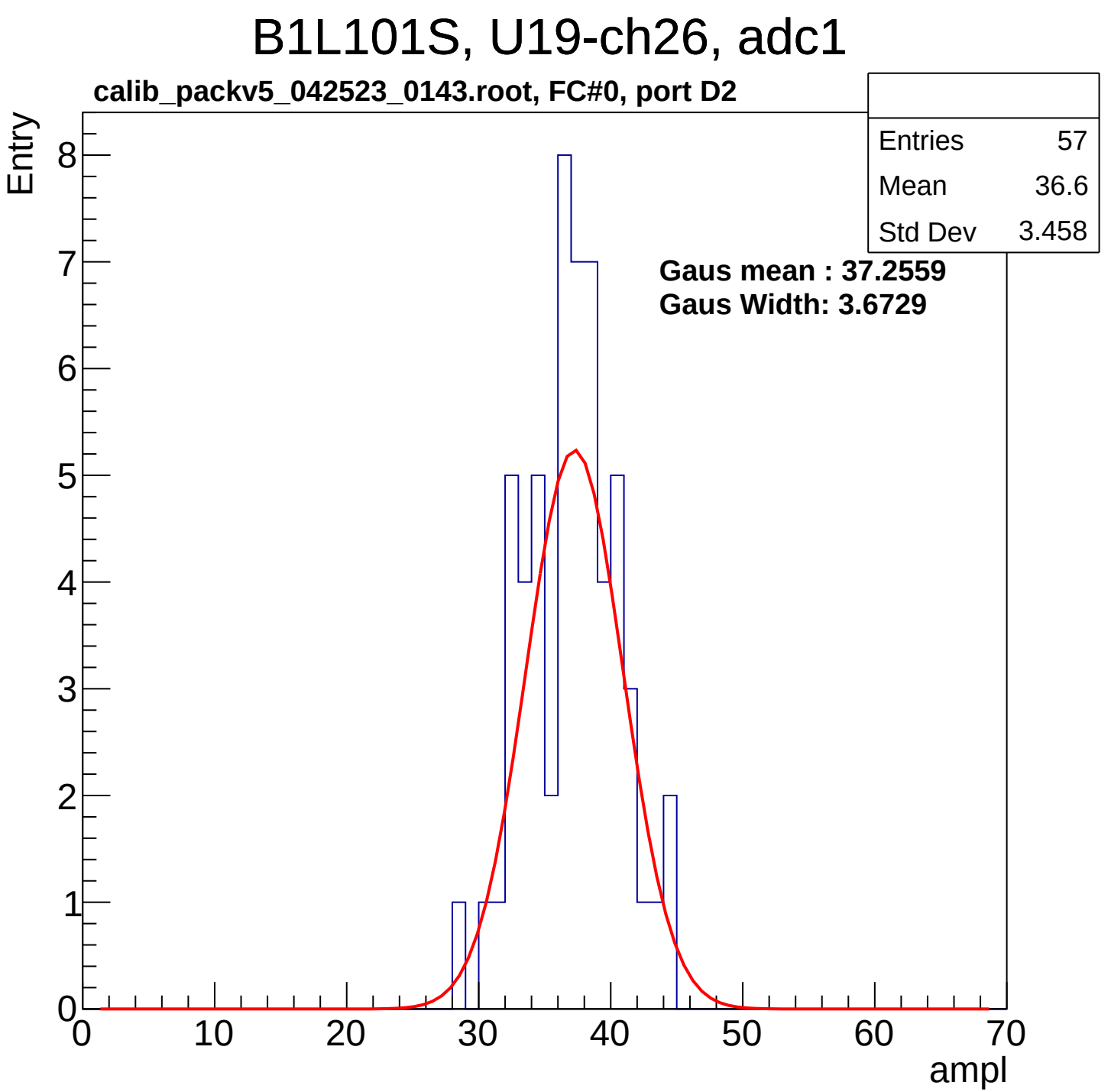
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch26, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 29.46
Std Dev 5.649
Gaus mean : 30.3063
Gaus Width: 3.3691
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch26, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 36.6
Std Dev 3.458
Gaus mean : 37.2559
Gaus Width: 3.6729
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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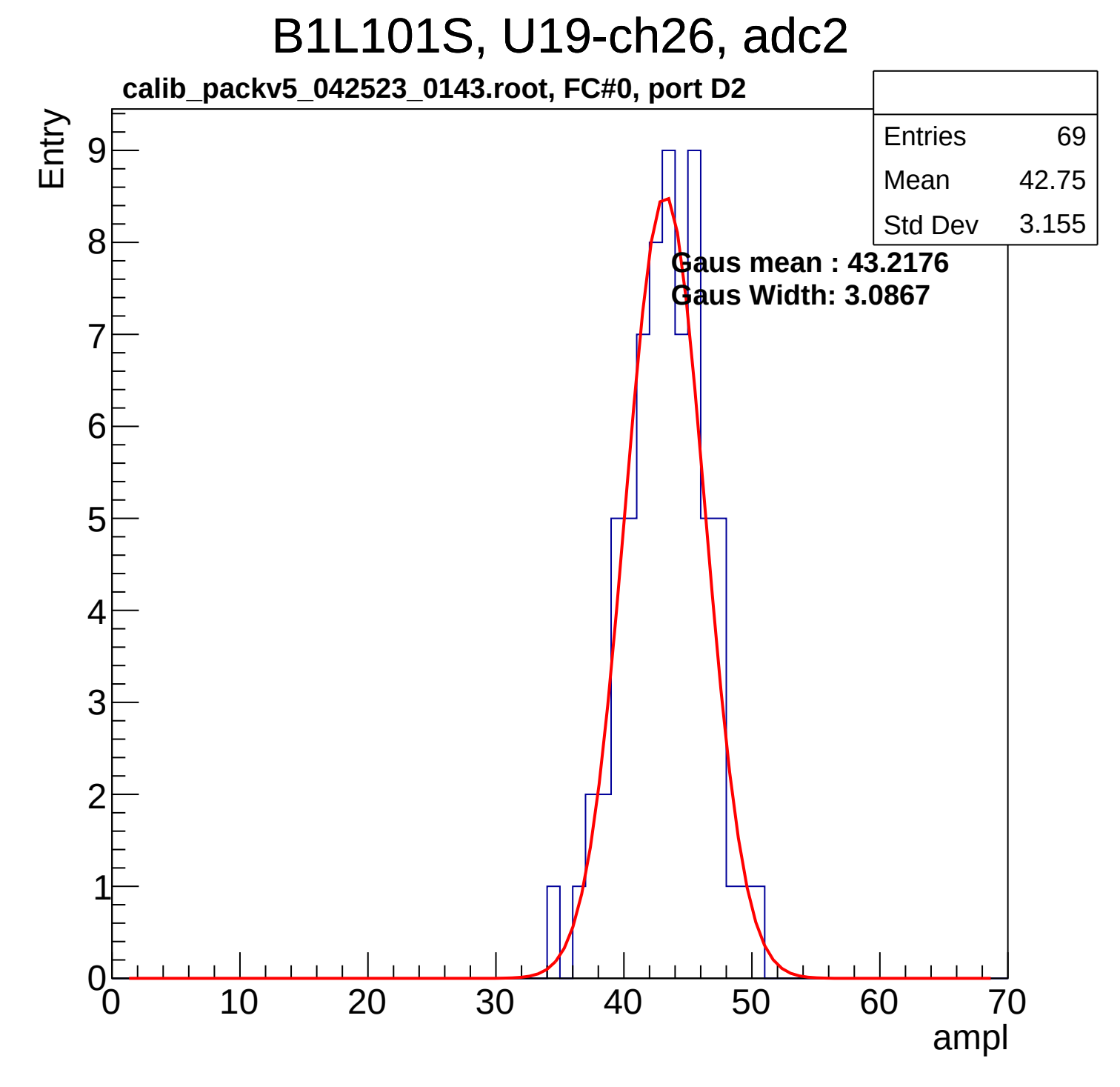
B1L101S, U19-ch26, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 42.75
Std Dev 3.155
Gaus mean : 43.2176
Gaus Width: 3.0867
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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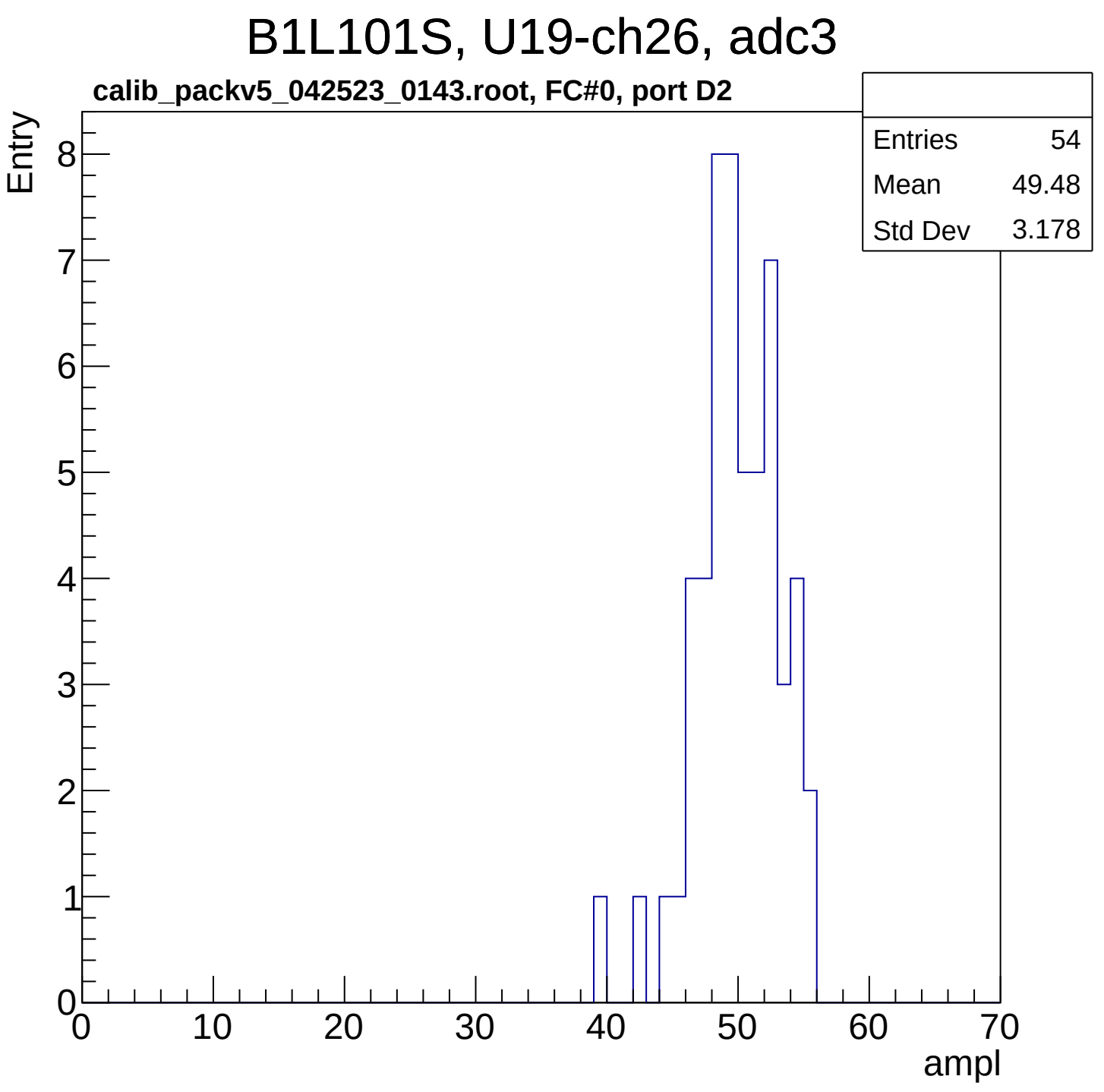
B1L101S, U19-ch26, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 49.48
Std Dev 3.178
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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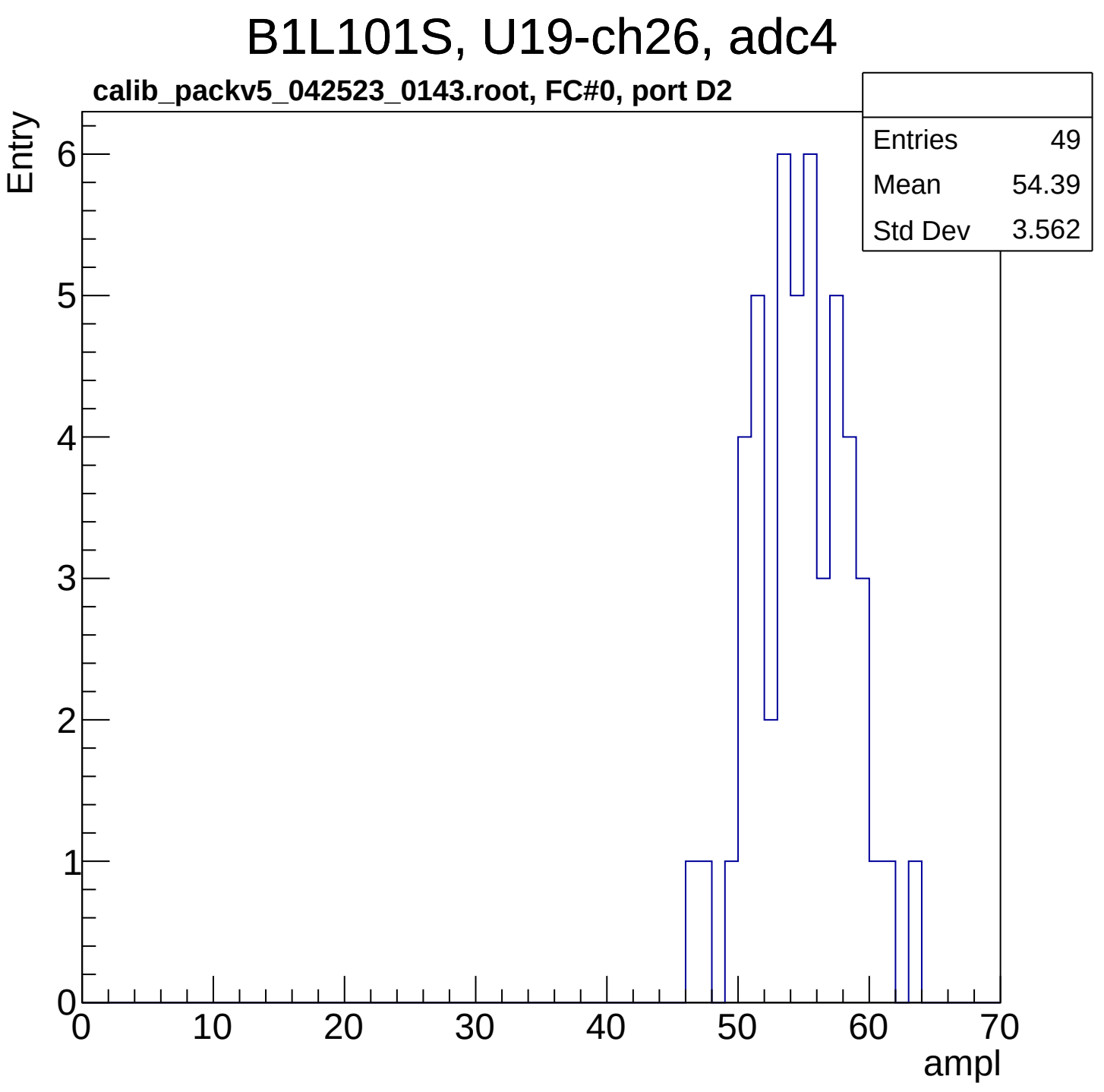
B1L101S, U19-ch26, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 54.39
Std Dev 3.562
Entry
0
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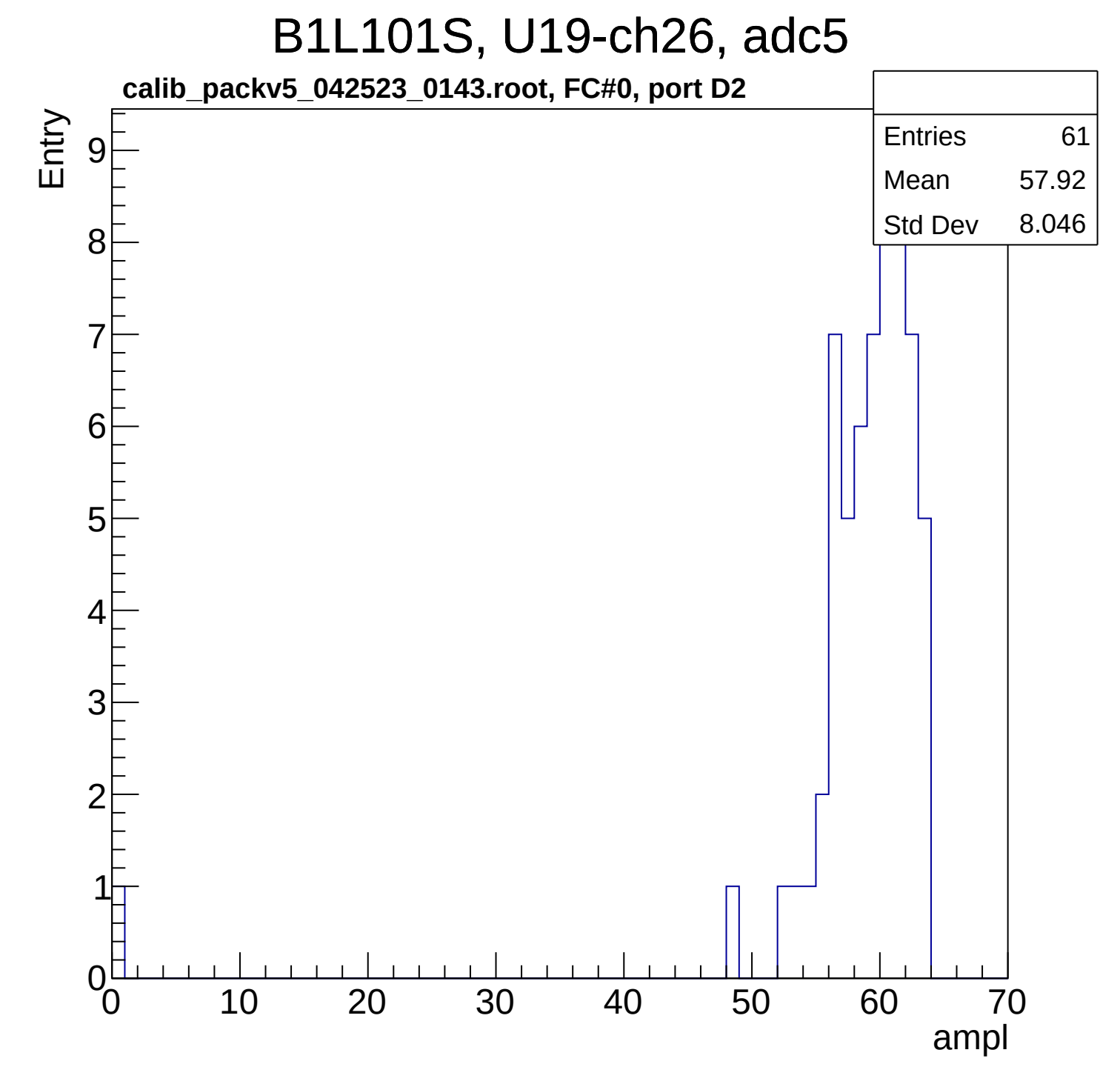
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch26, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 57.92
Std Dev 8.046
Entry
ampl
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7
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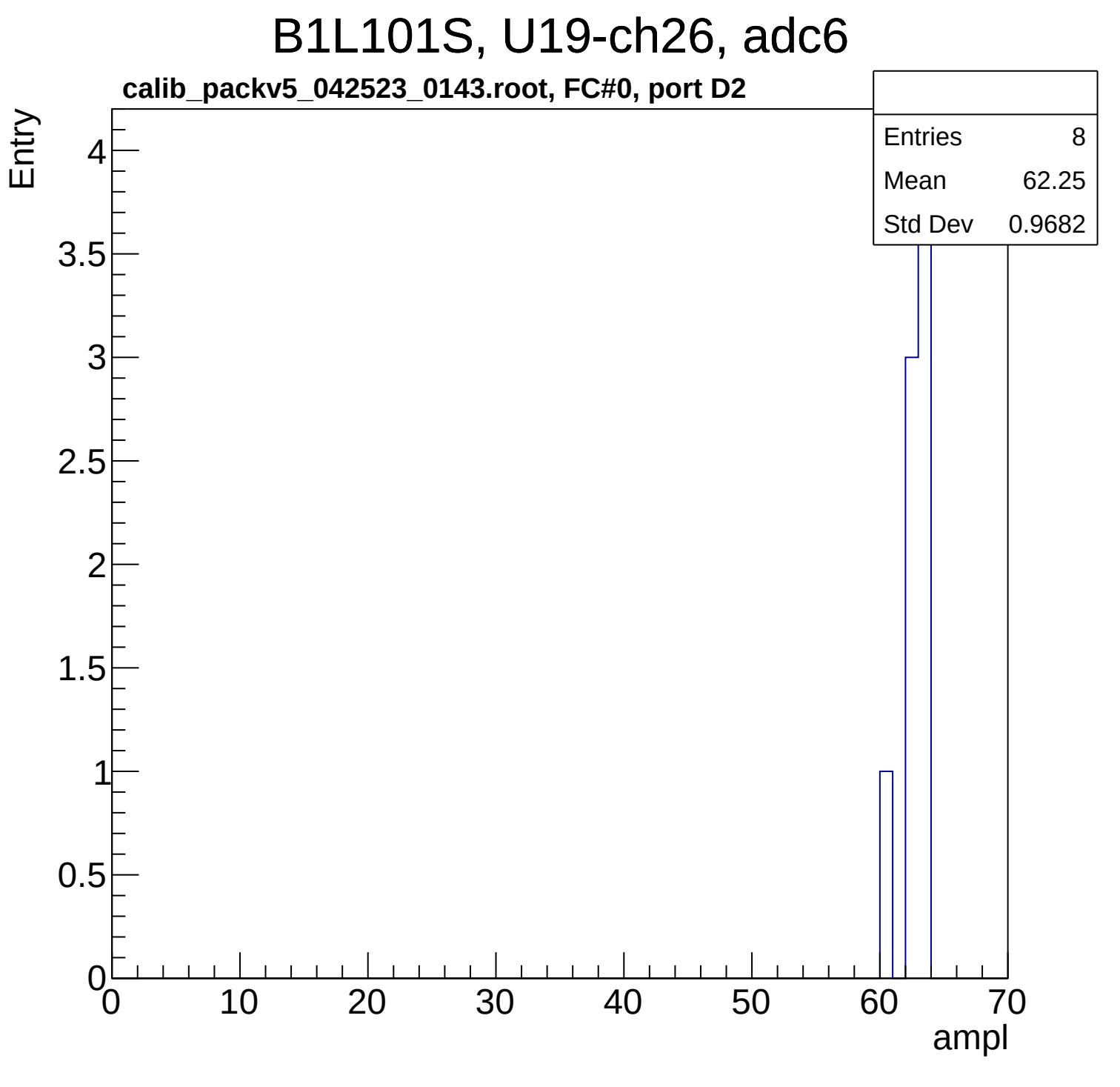
B1L101S, U19-ch26, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 62.25
Std Dev 0.9682
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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20
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40
50
60
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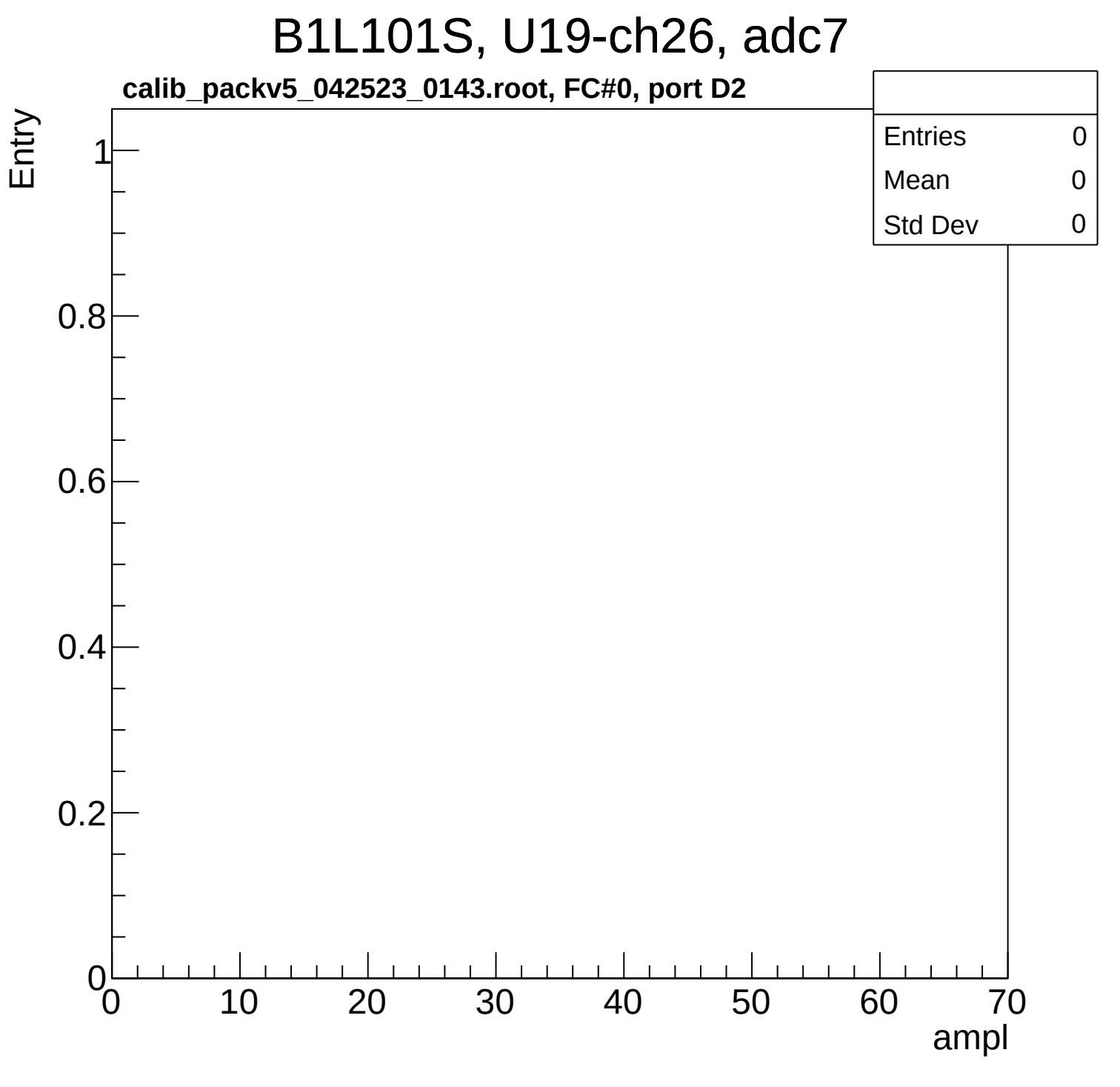
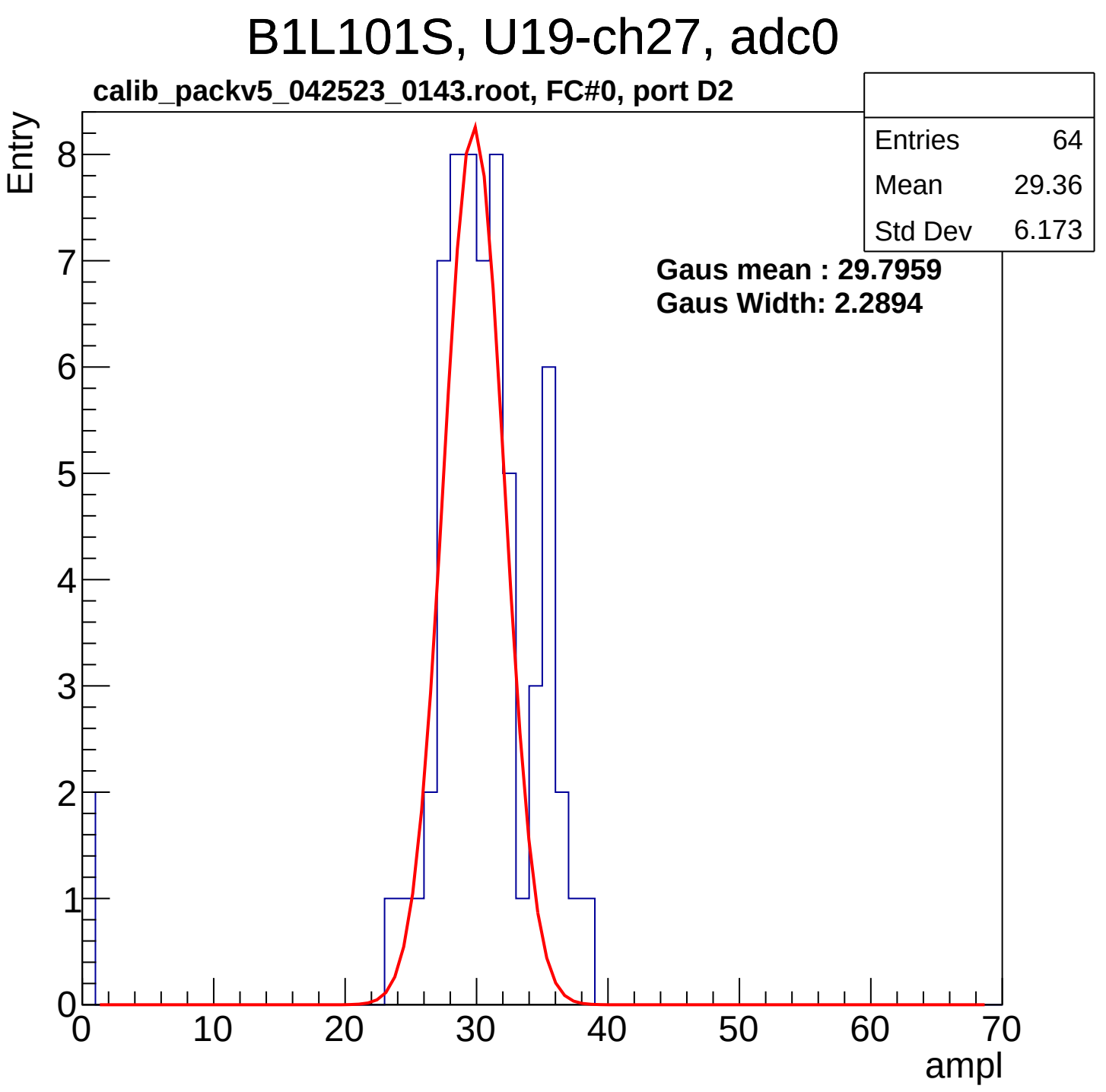

B1L101S, U19-ch26, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch27, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 29.36
Std Dev 6.173
Gaus mean : 29.7959
Gaus Width: 2.2894
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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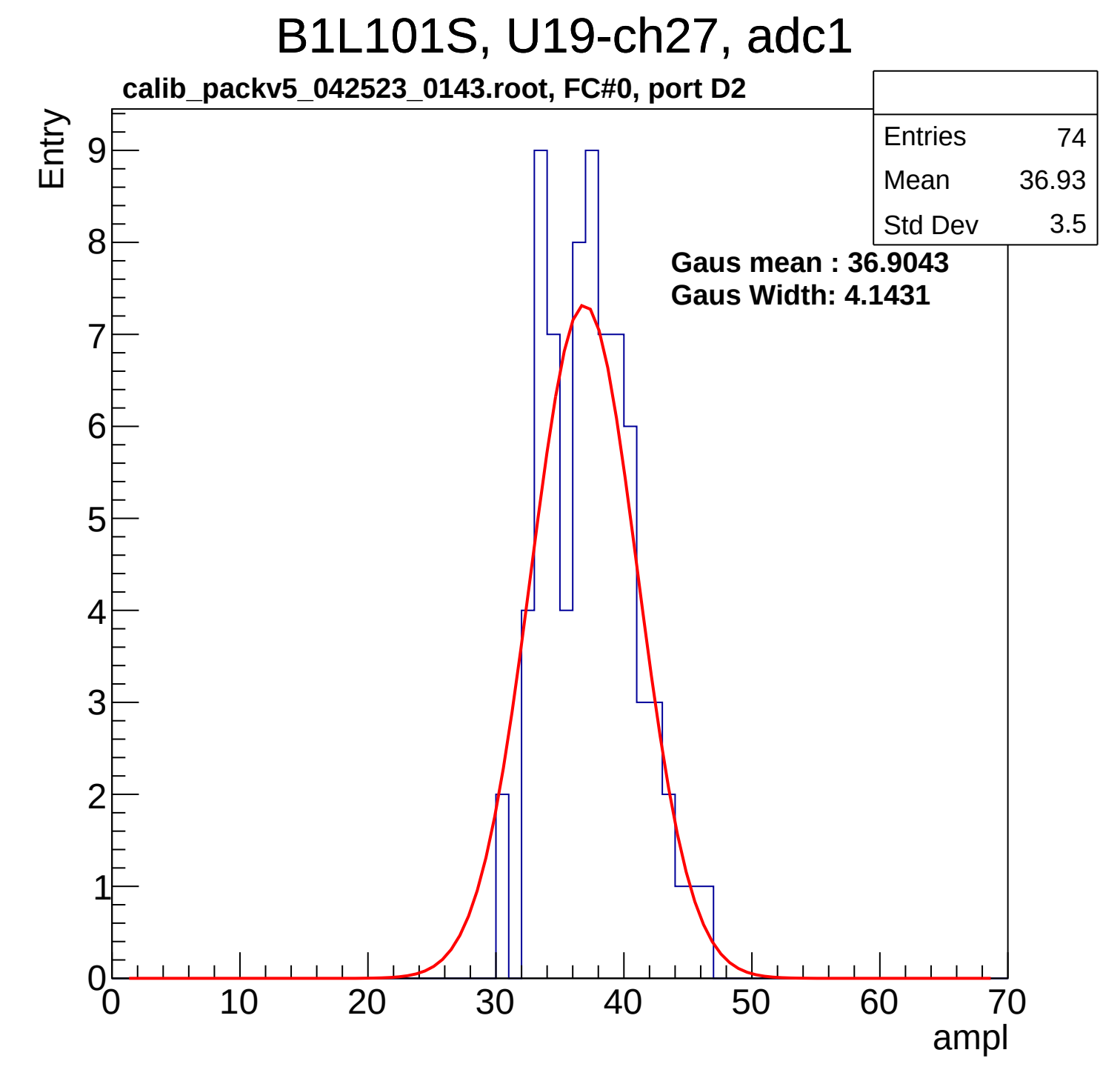
B1L101S, U19-ch27, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 36.93
Std Dev 3.5
Gaus mean : 36.9043
Gaus Width: 4.1431
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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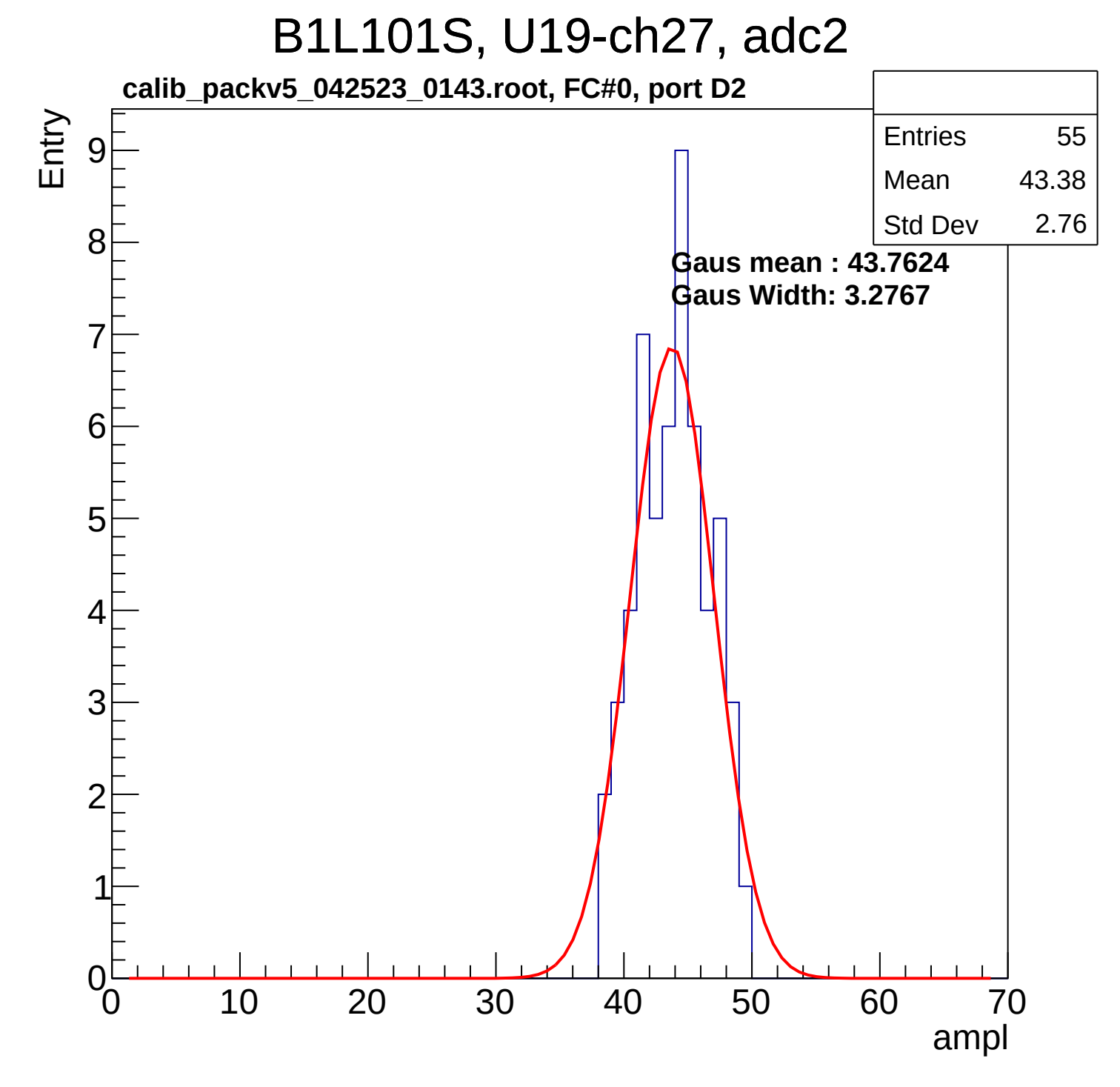
B1L101S, U19-ch27, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 43.38
Std Dev 2.76
Gaus mean : 43.7624
Gaus Width: 3.2767
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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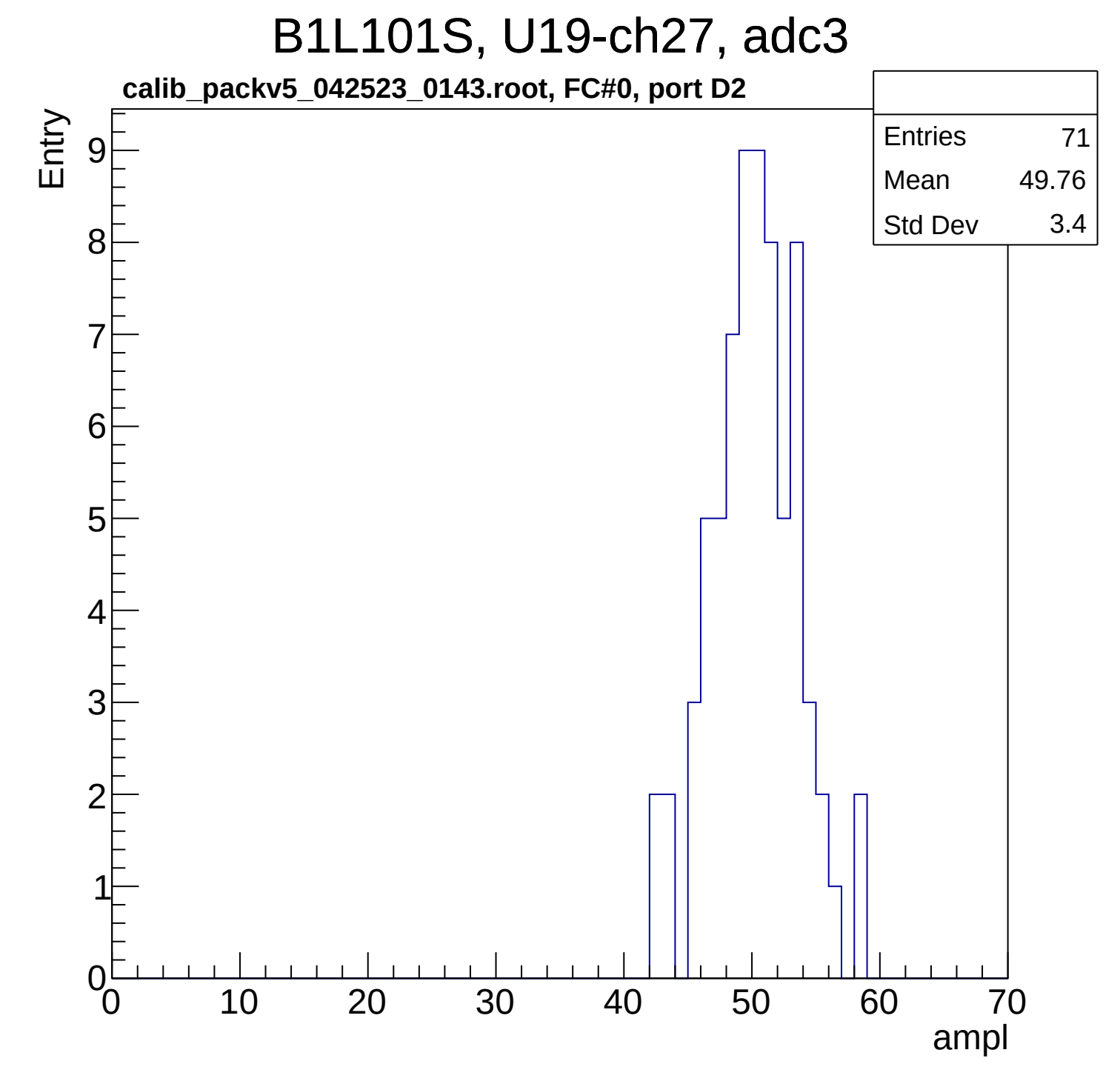
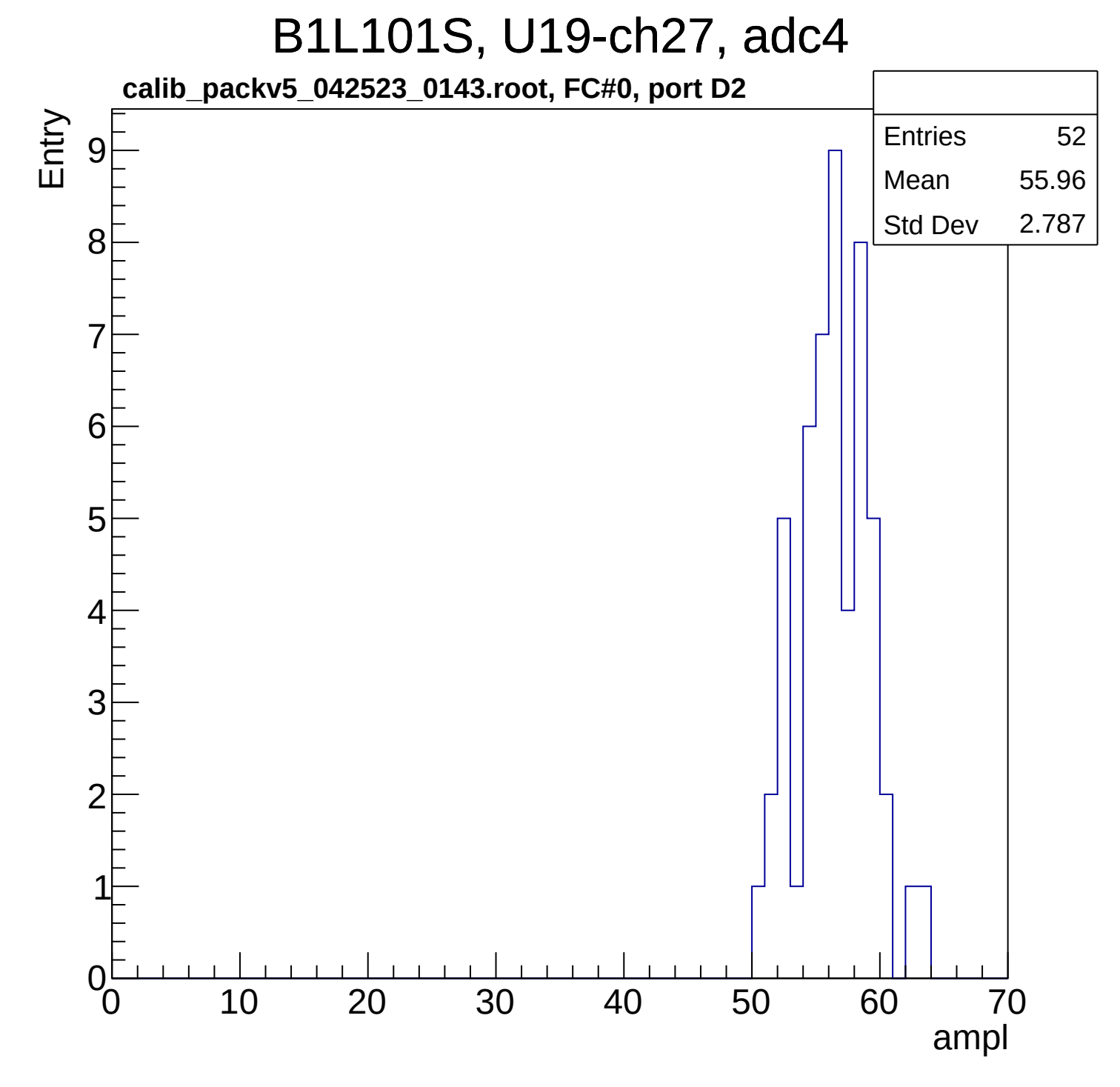

B1L101S, U19-ch27, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 49.76
Std Dev 3.4
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch27, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 55.96
Std Dev 2.787
Entry
ampl
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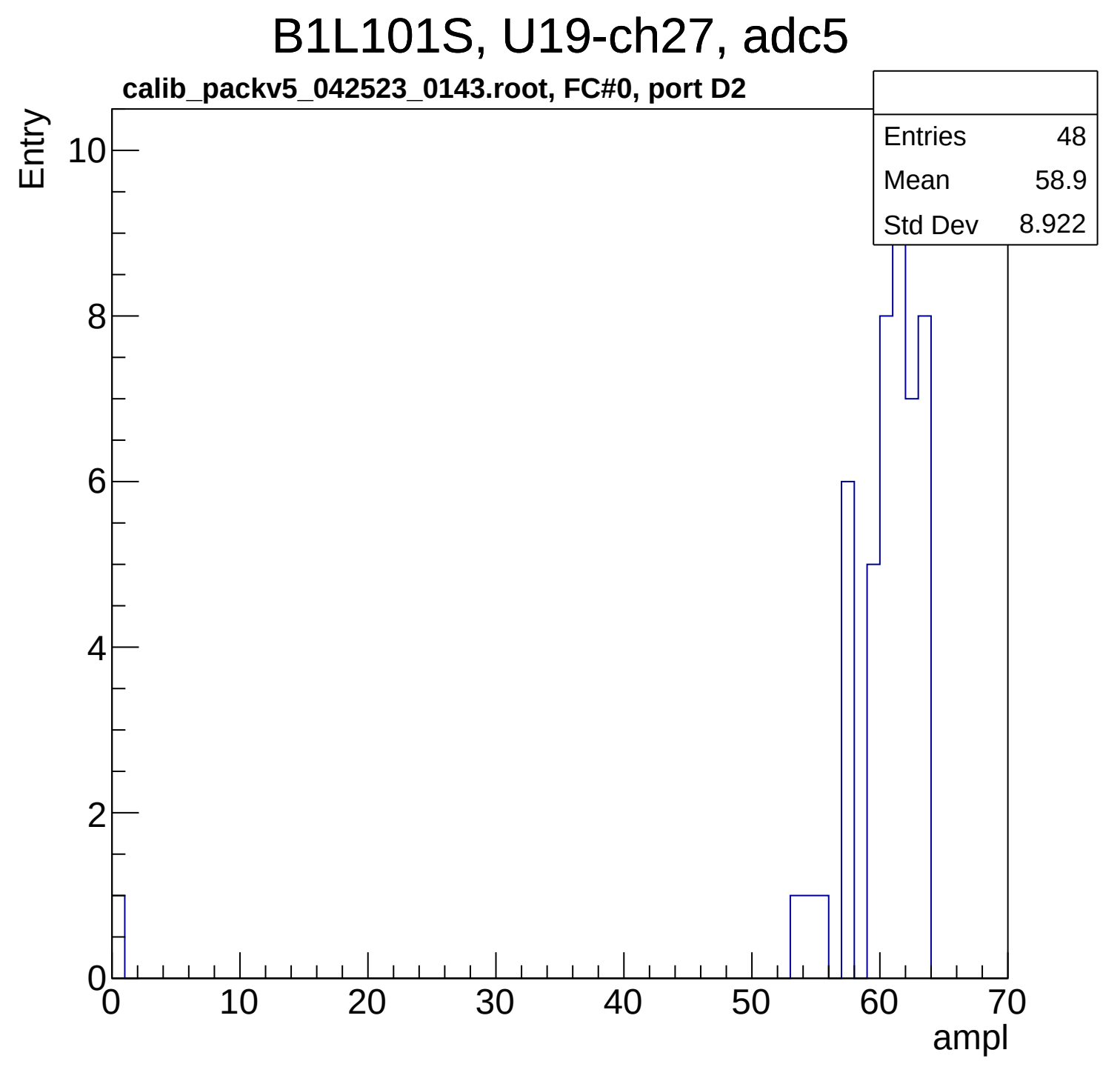
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch27, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 58.9
Std Dev 8.922
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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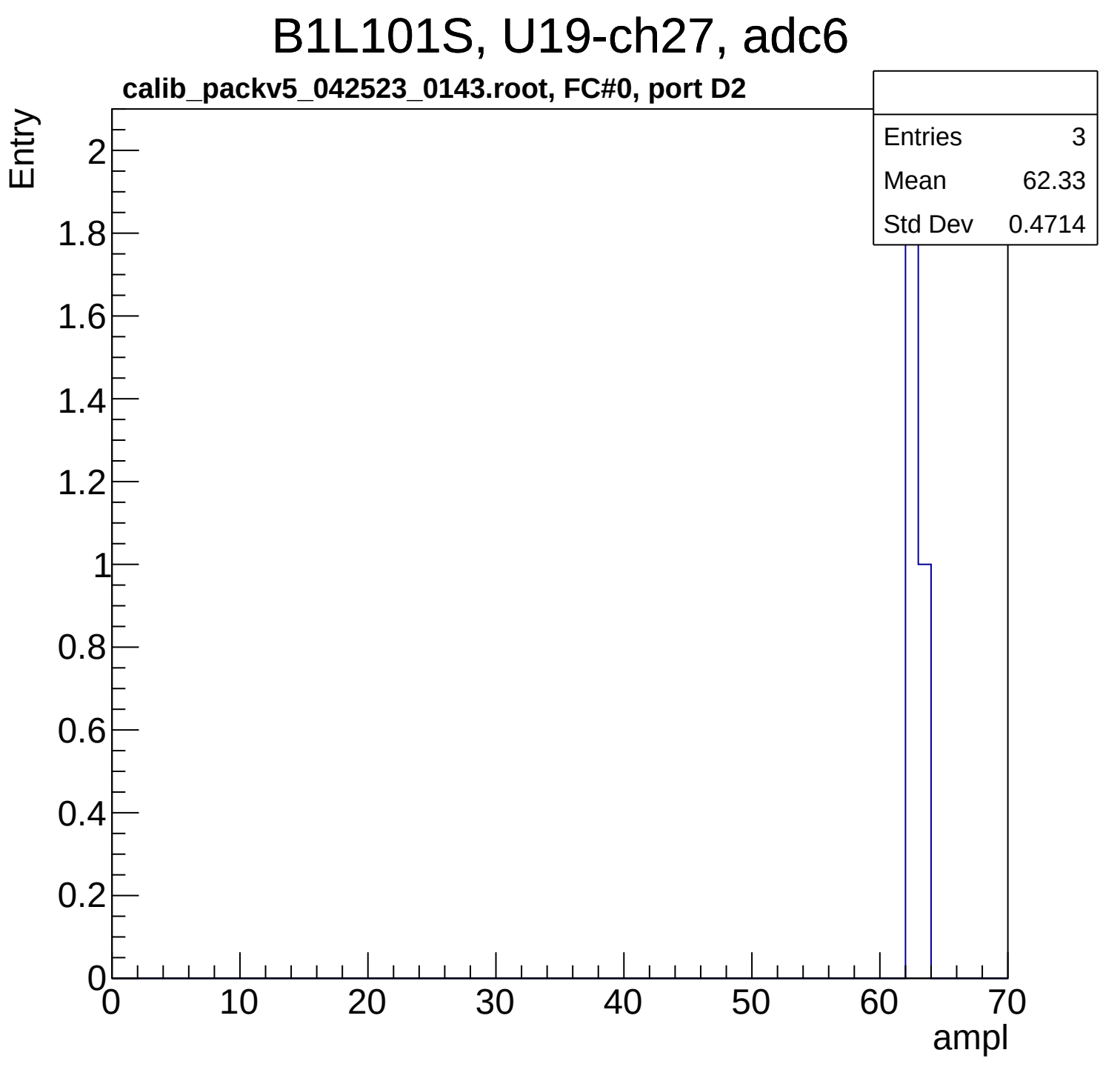
B1L101S, U19-ch27, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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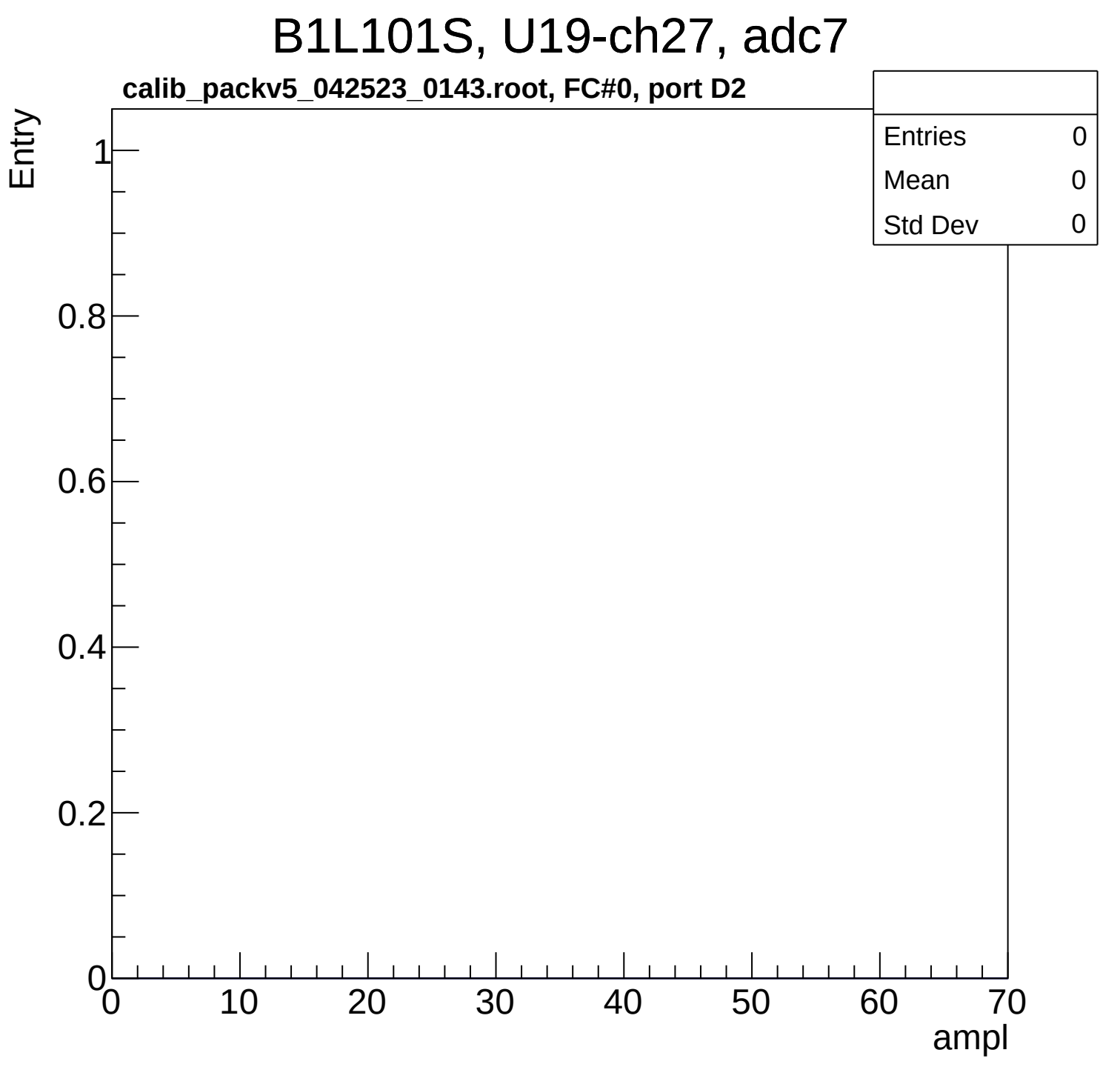
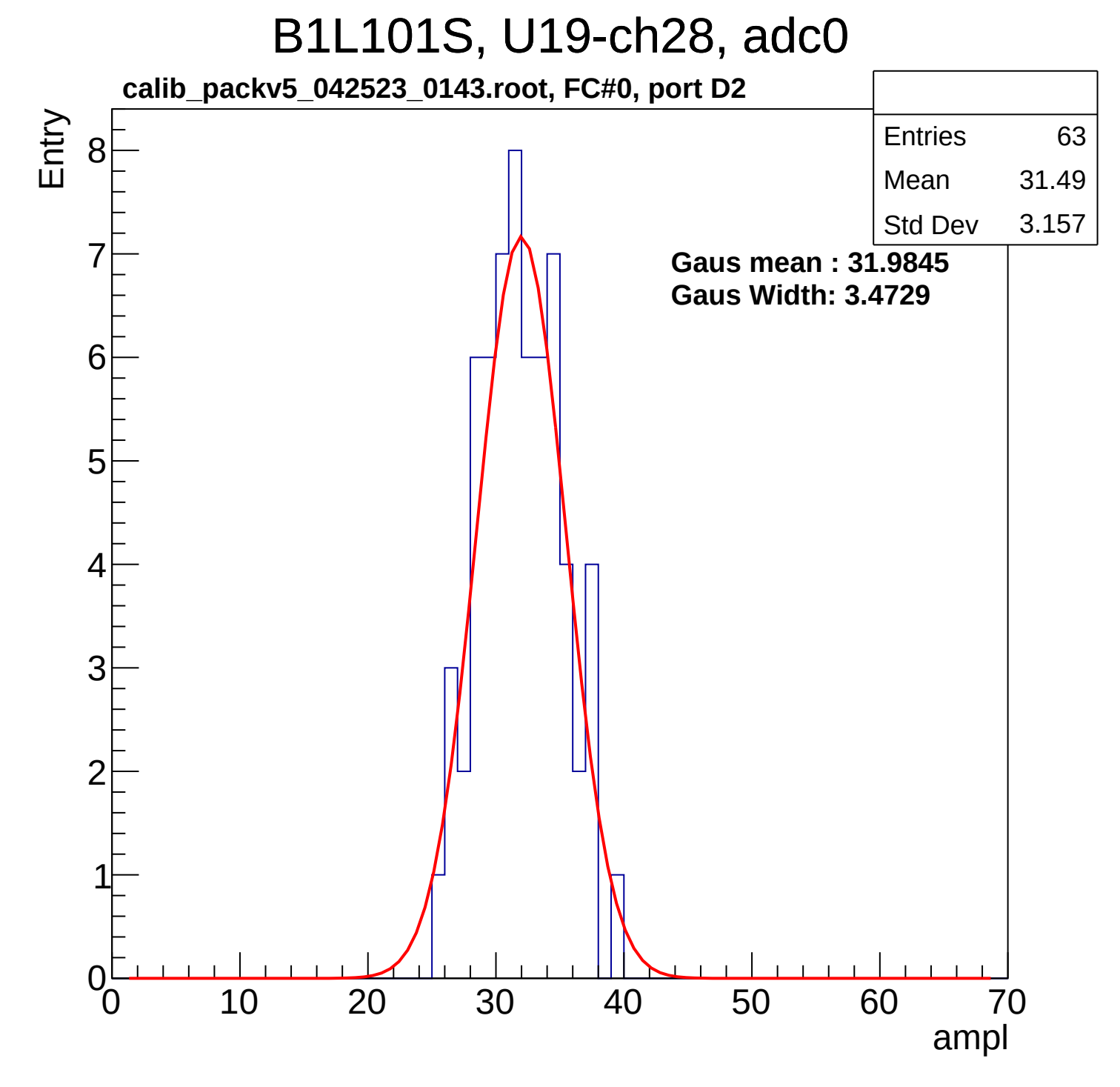
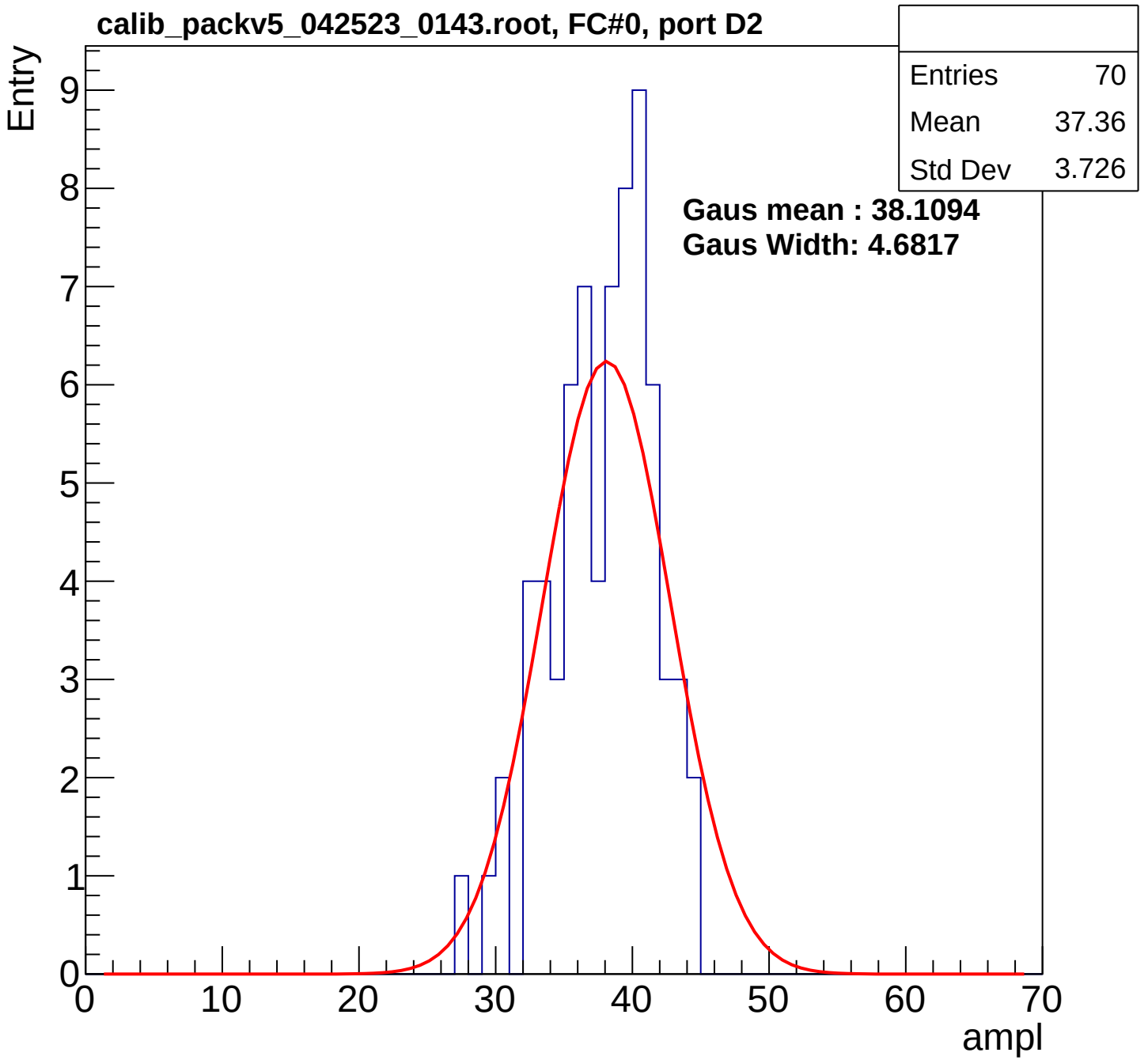
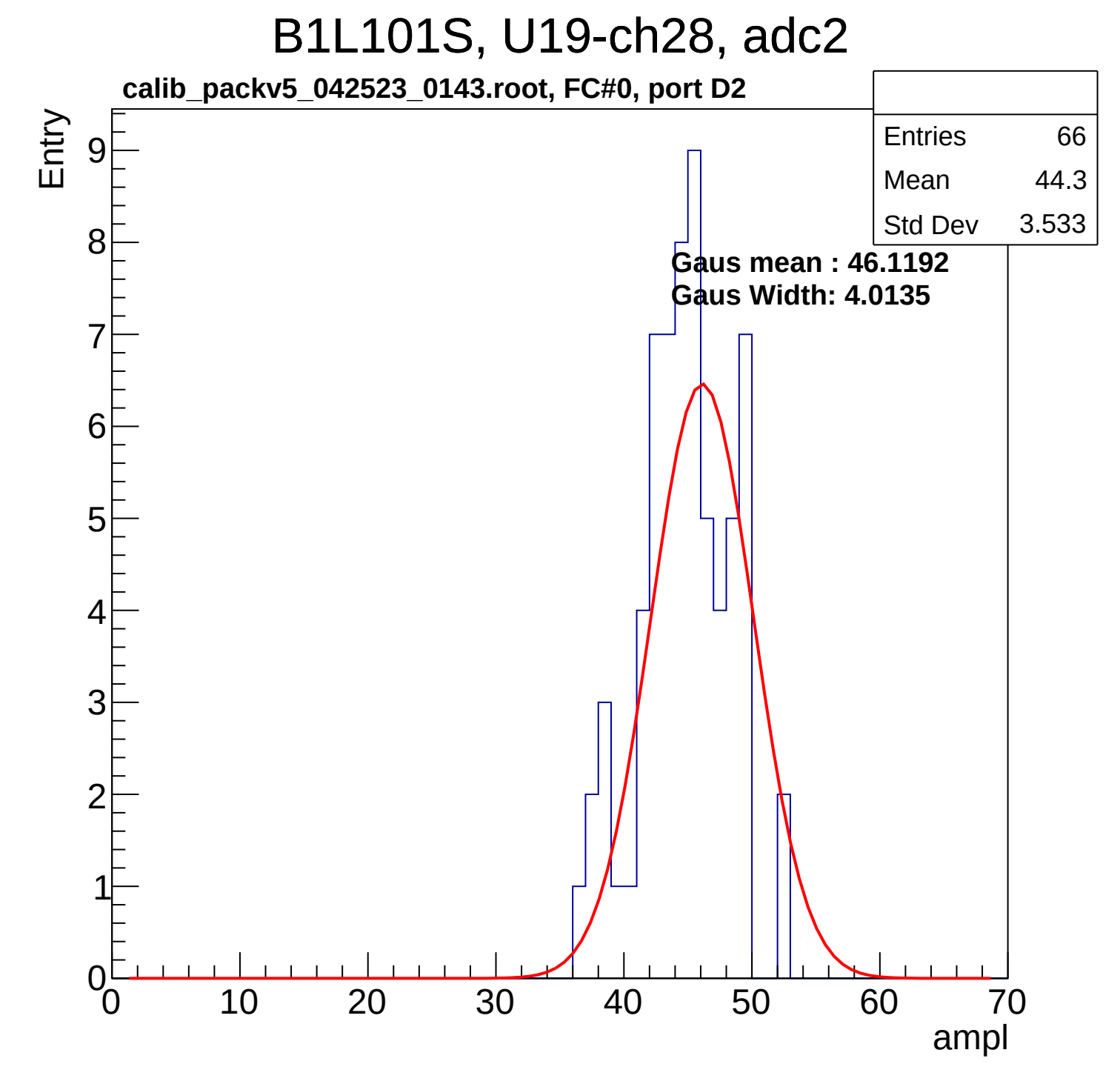

B1L101S, U19-ch27, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch28, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 31.49
Std Dev 3.157
Gaus mean : 31.9845
Gaus Width: 3.4729
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch28, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 37.36
Std Dev 3.726
Gaus mean : 38.1094
Gaus Width: 4.6817
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch28, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 44.3
Std Dev 3.533
Gaus mean : 46.1192
Gaus Width: 4.0135
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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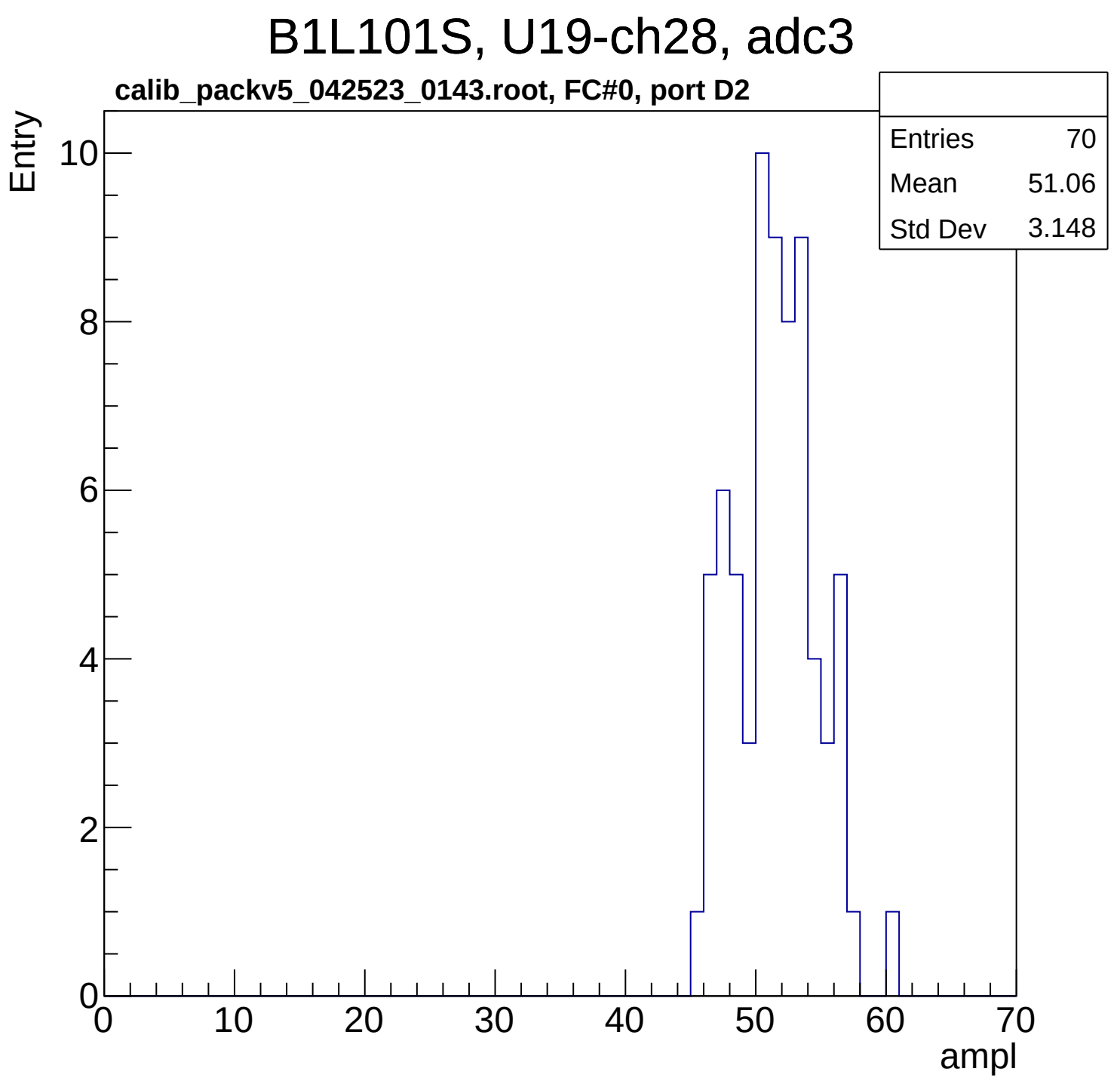
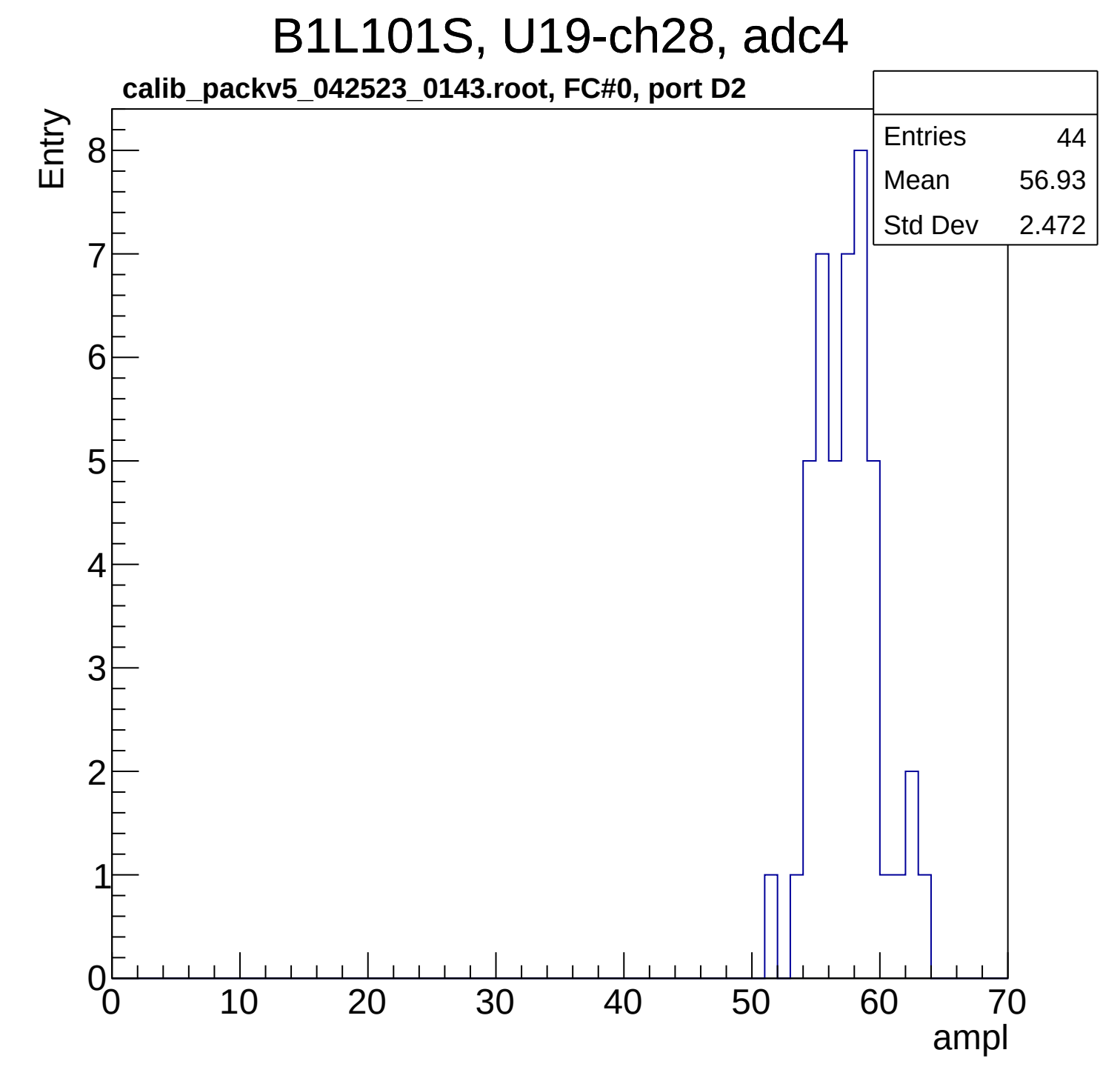
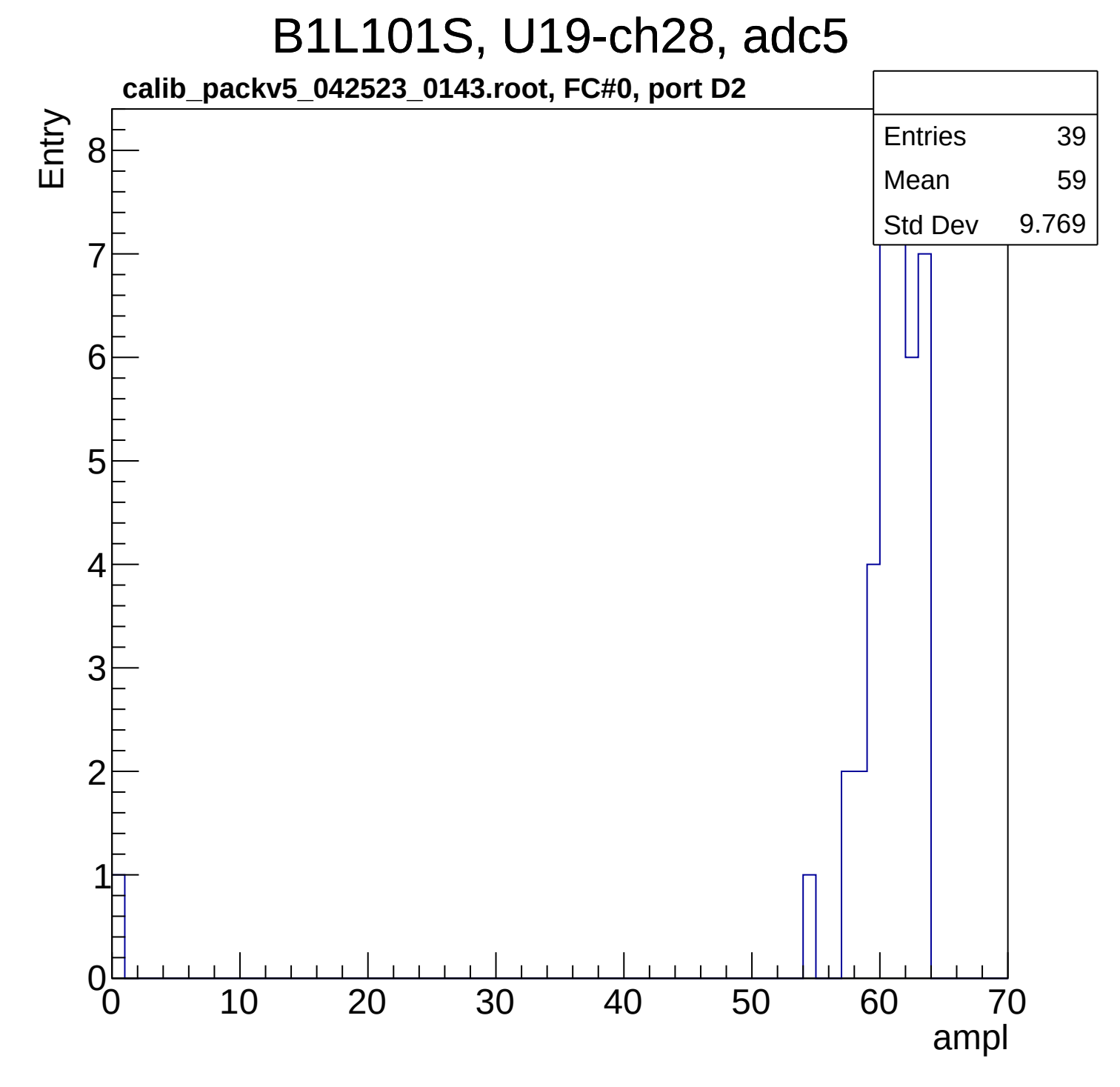
60
70


B1L101S, U19-ch28, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 51.06
Std Dev 3.148
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch28, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 56.93
Std Dev 2.472
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch28, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 59
Std Dev 9.769
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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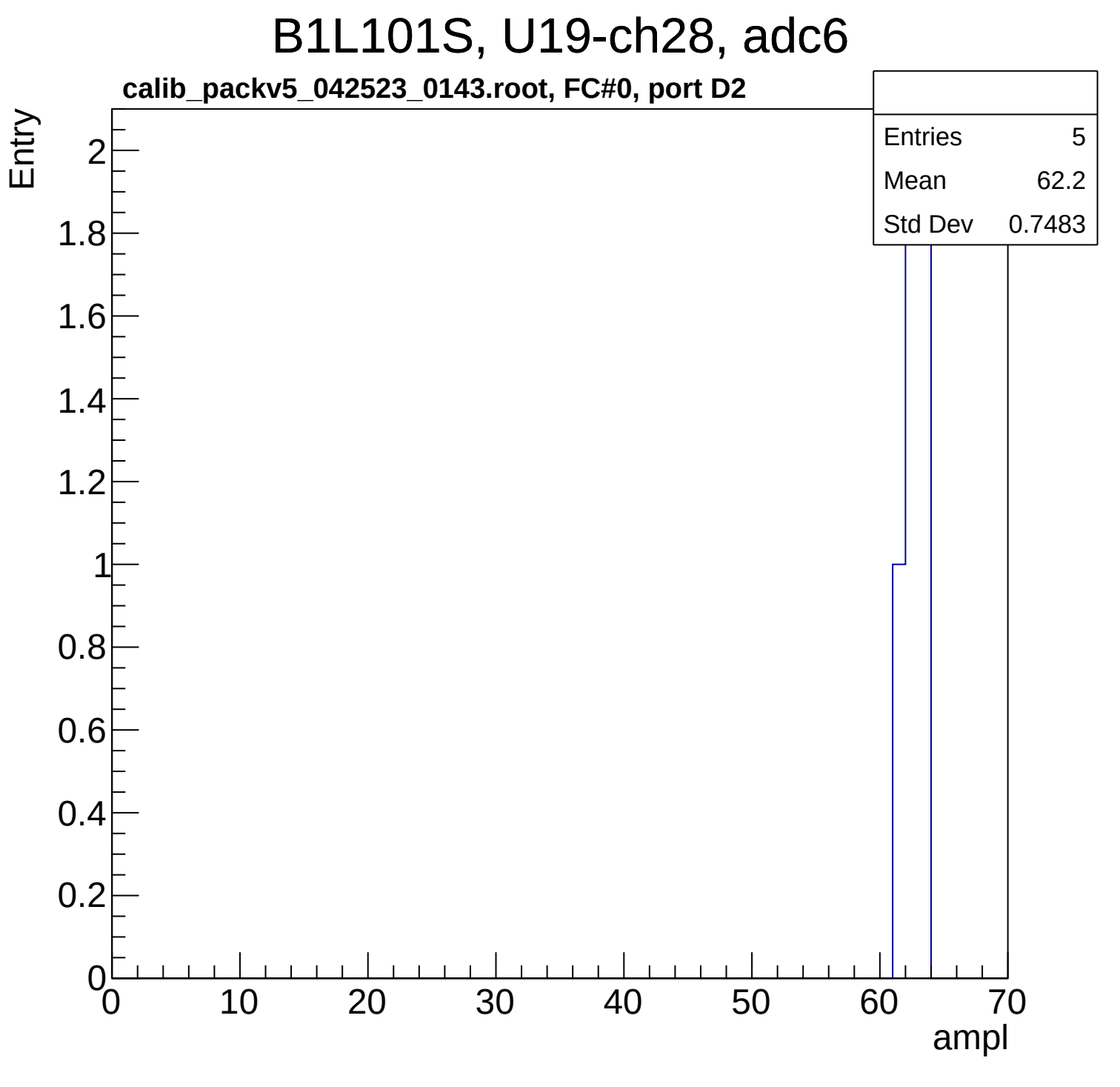
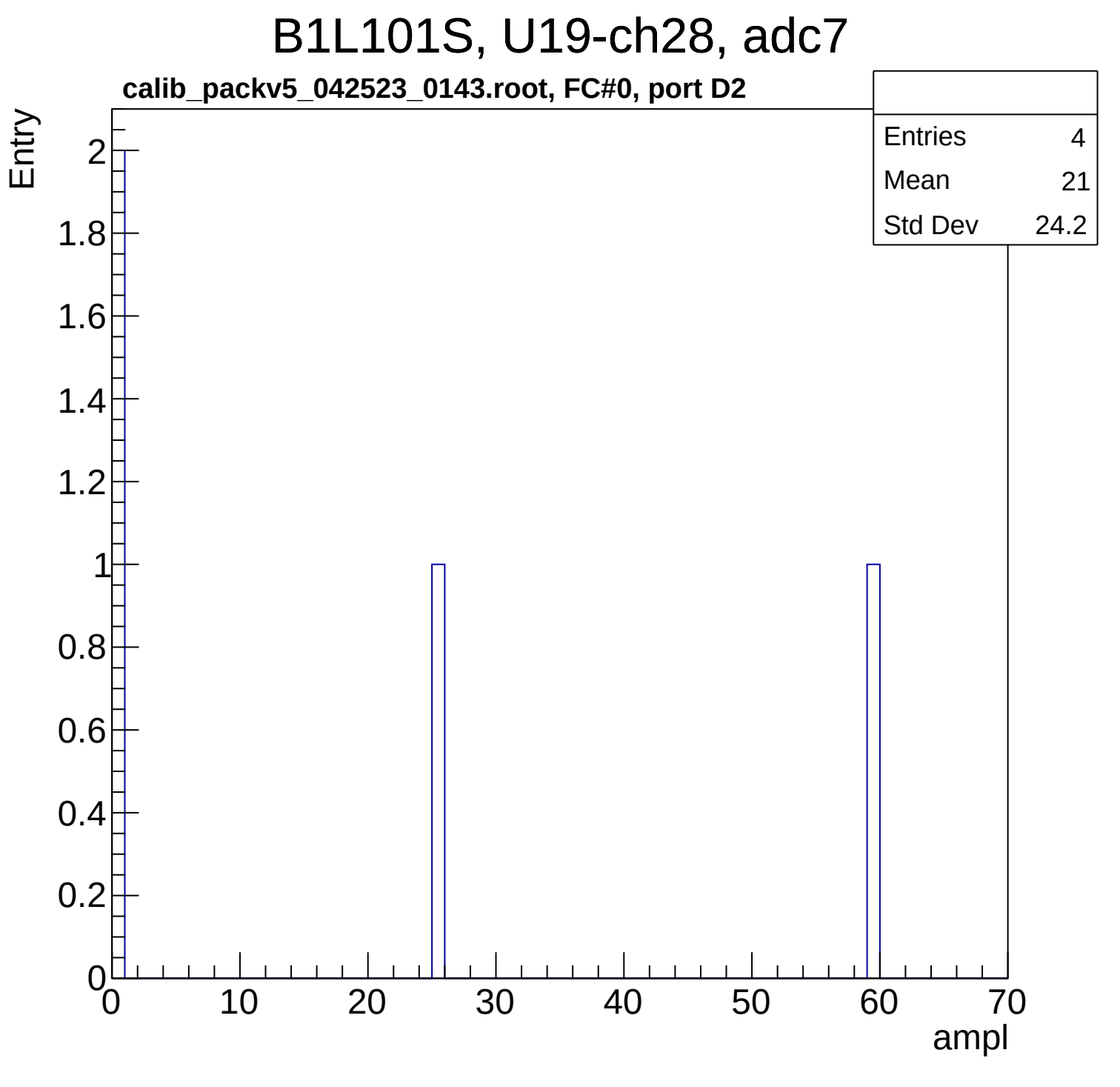

B1L101S, U19-ch28, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch28, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 21
Std Dev 24.2
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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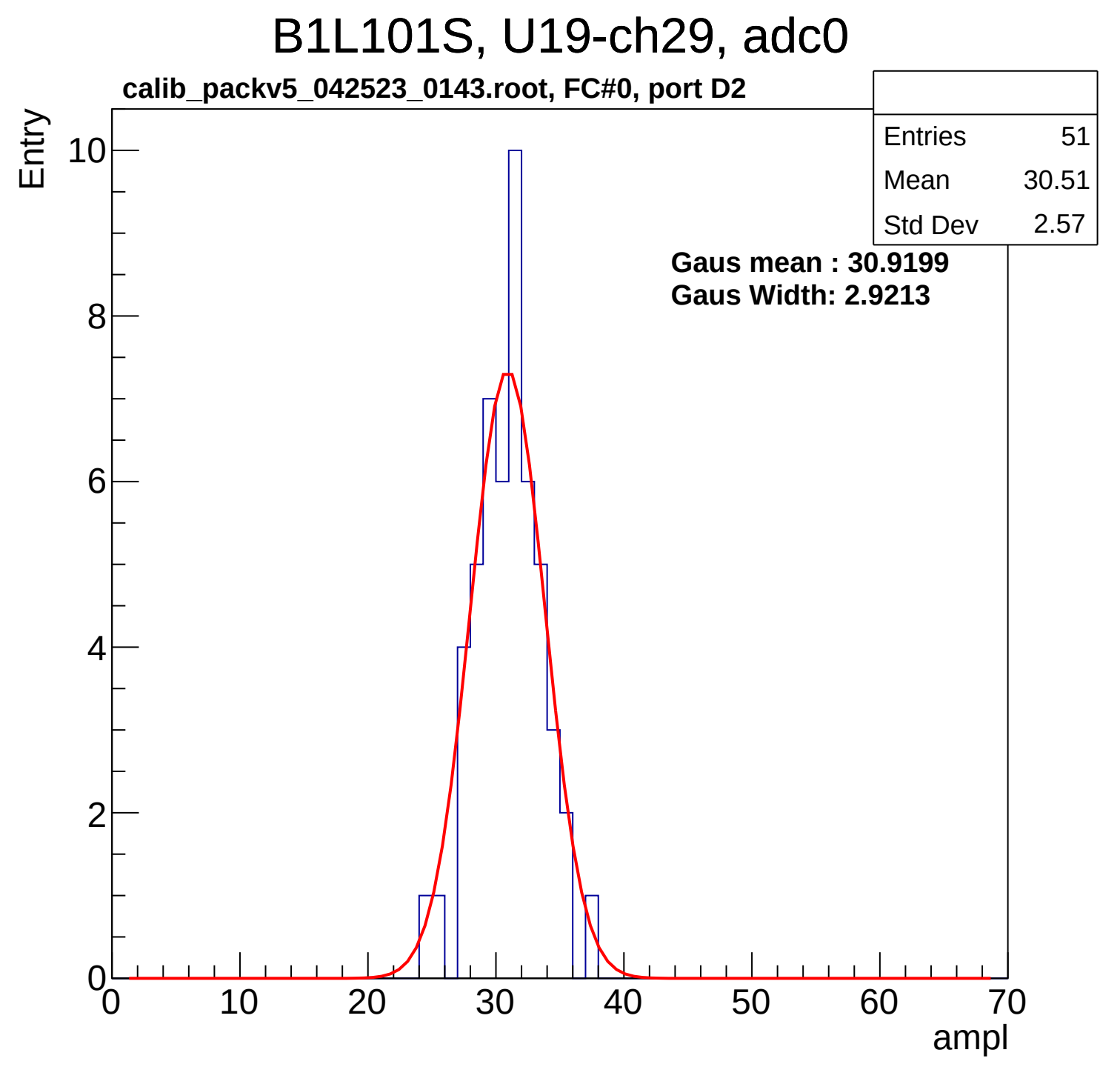
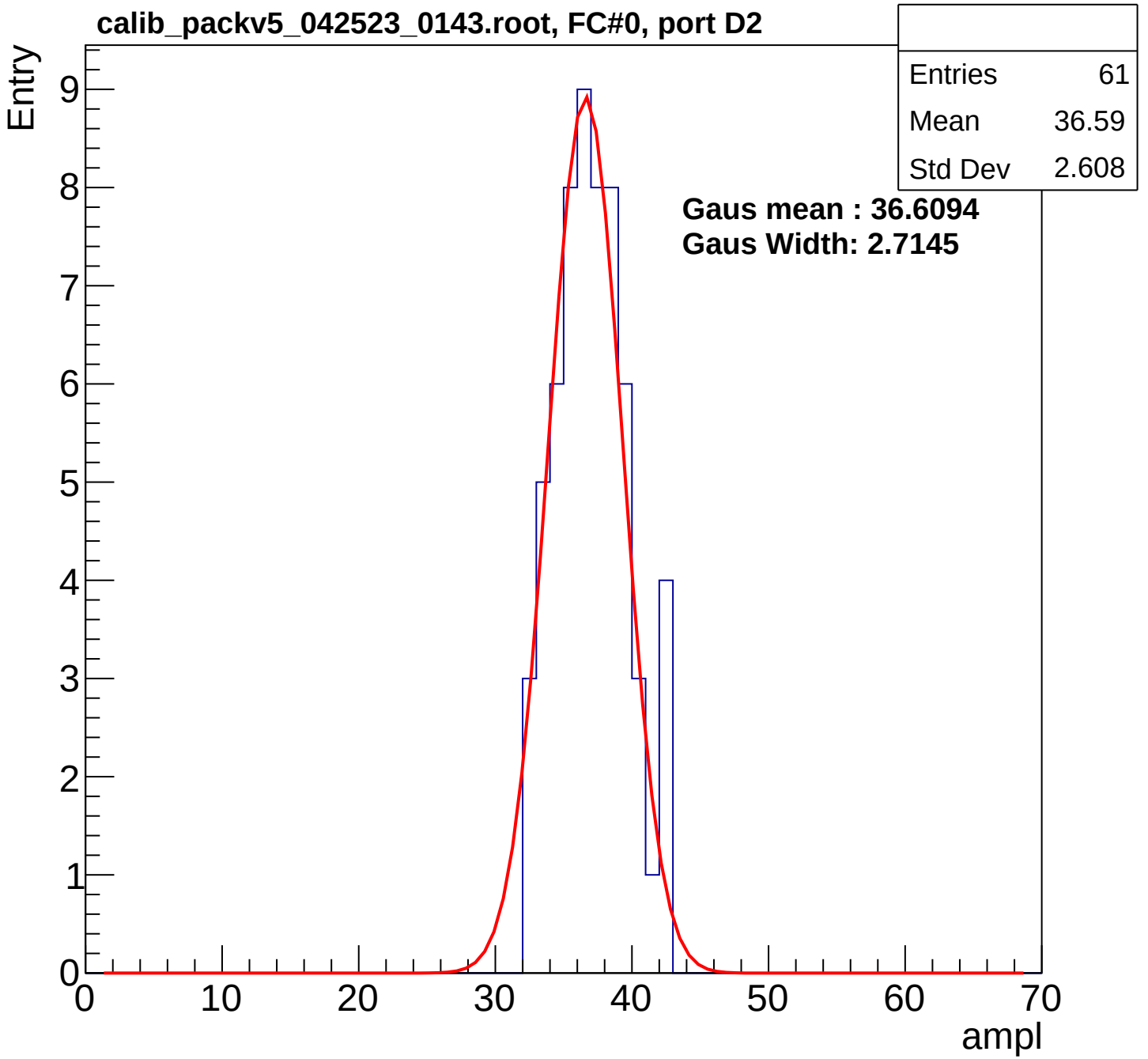
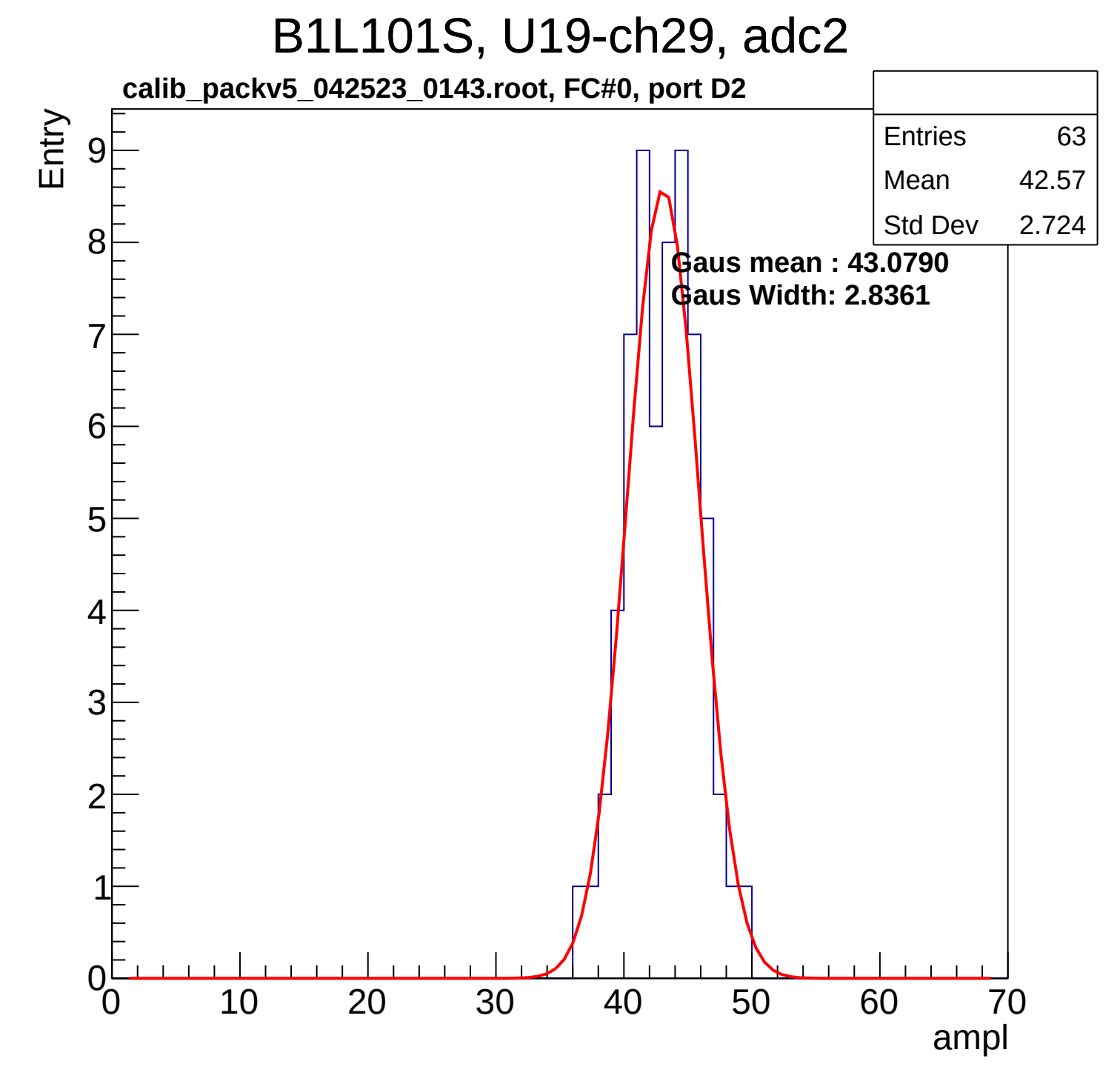

B1L101S, U19-ch29, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 30.51
Std Dev 2.57
Gaus mean : 30.9199
Gaus Width: 2.9213
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch29, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 36.59
Std Dev 2.608
Gaus mean : 36.6094
Gaus Width: 2.7145
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch29, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 42.57
Std Dev 2.724
Gaus mean : 43.0790
Gaus Width: 2.8361
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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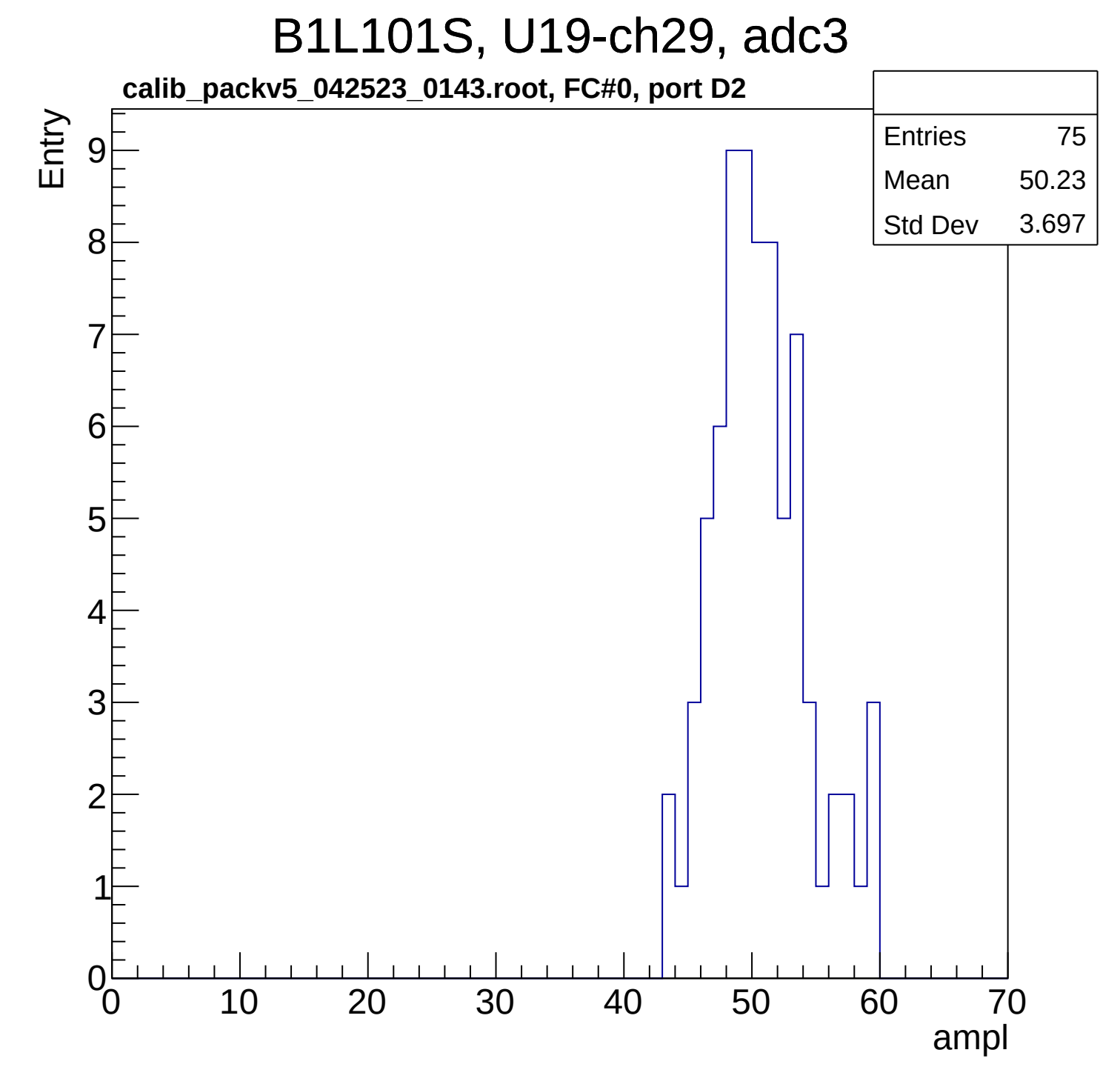
B1L101S, U19-ch29, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 50.23
Std Dev 3.697
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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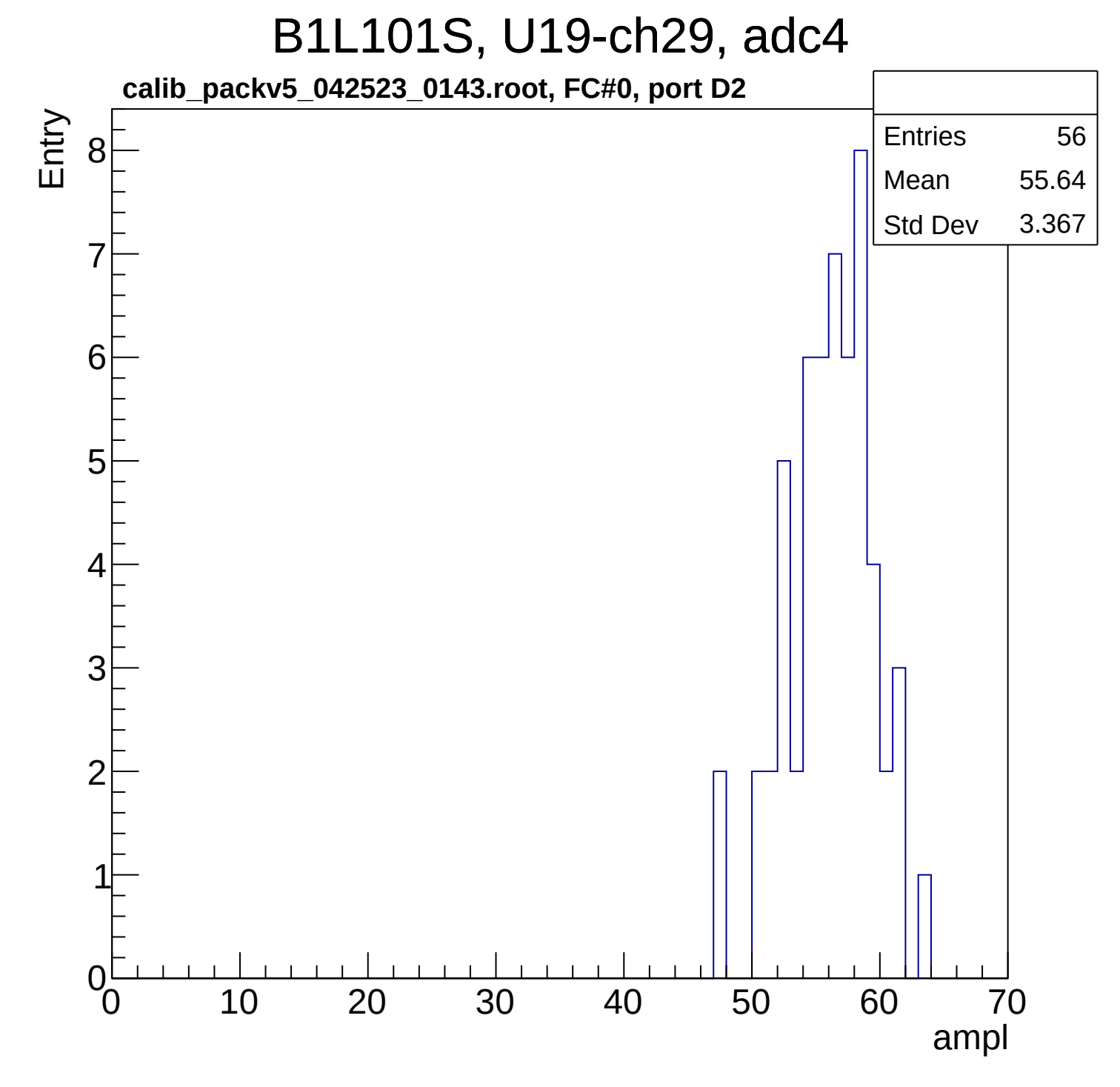
B1L101S, U19-ch29, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 55.64
Std Dev 3.367
Entry
ampl
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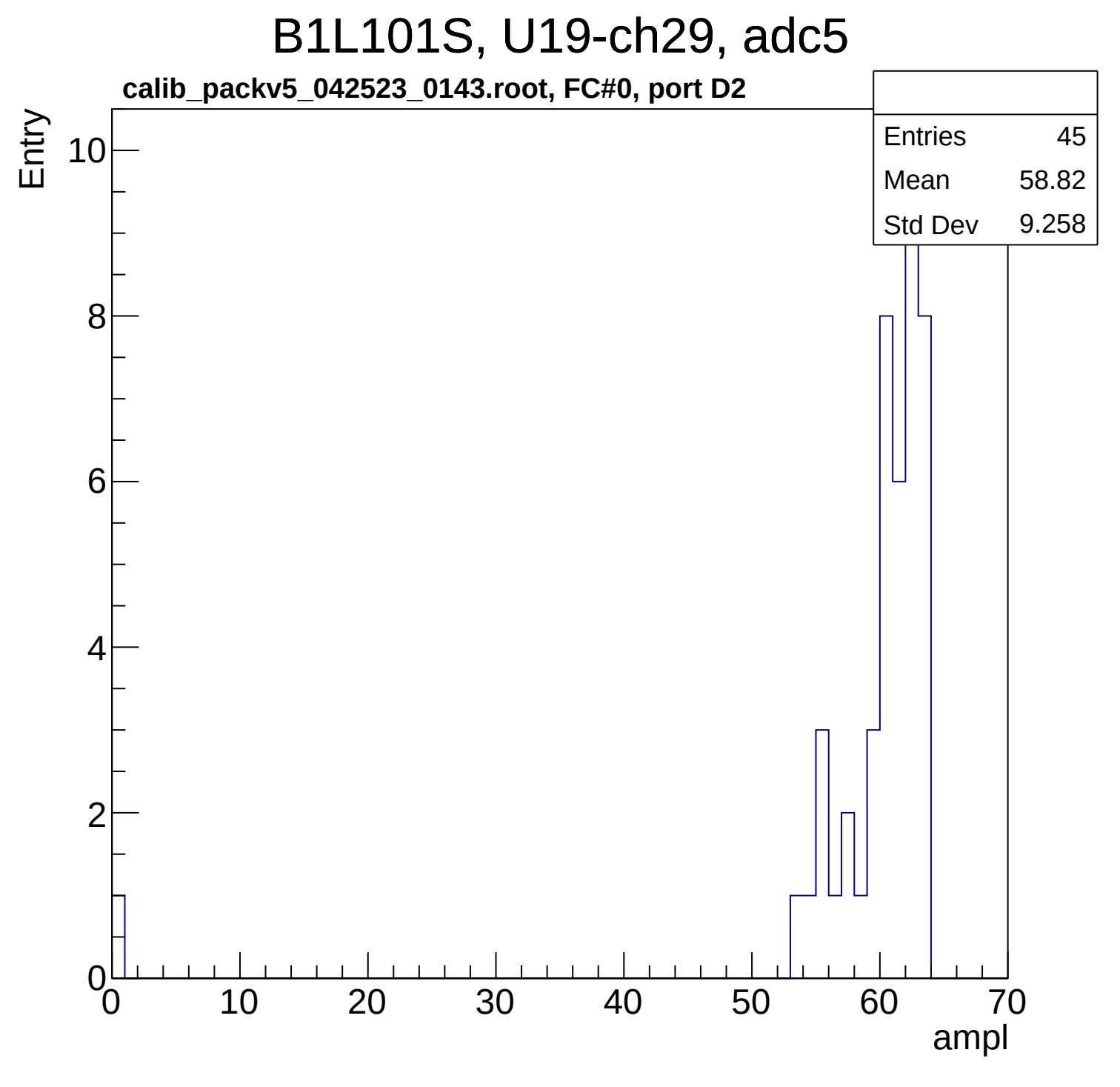
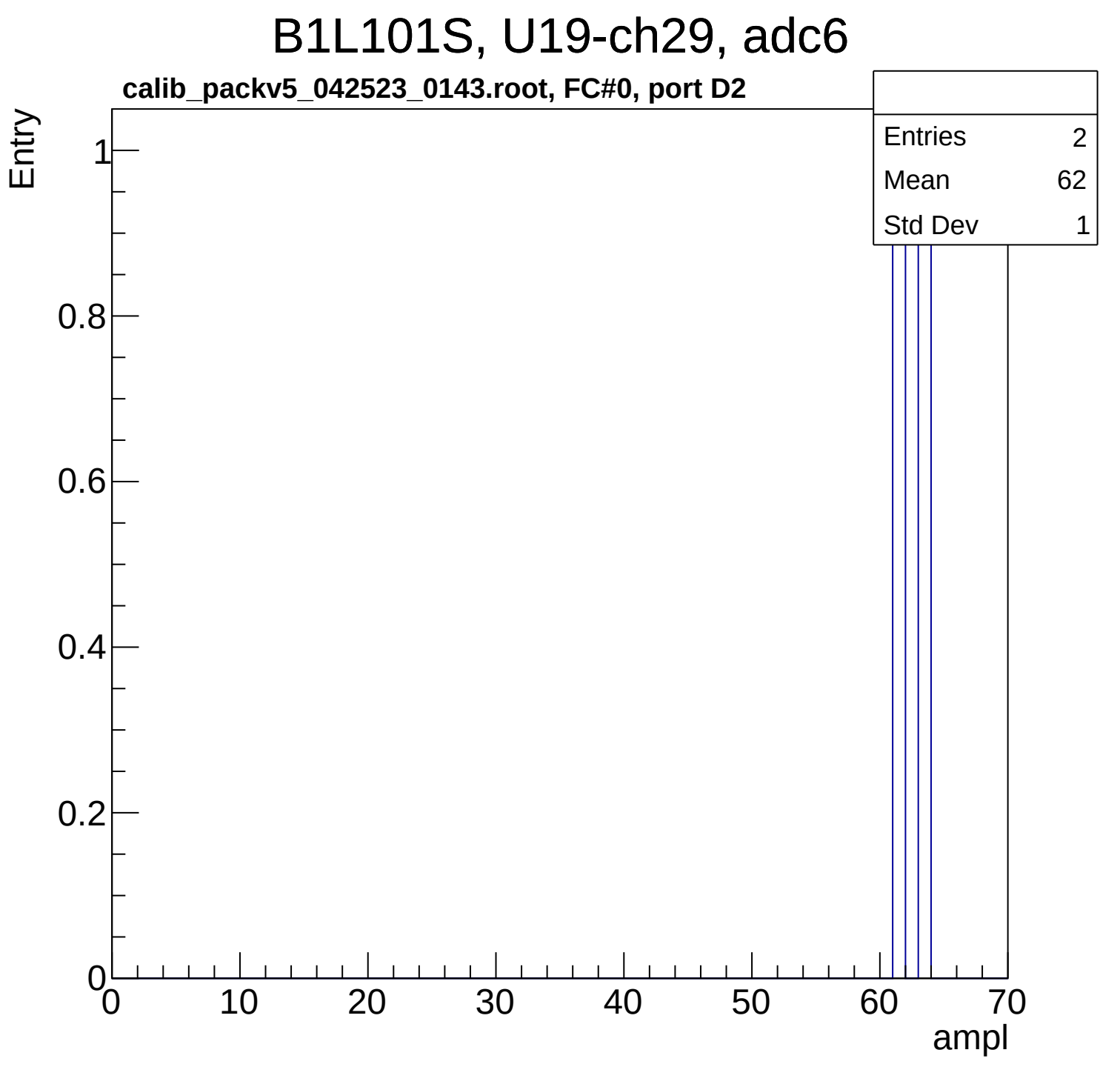
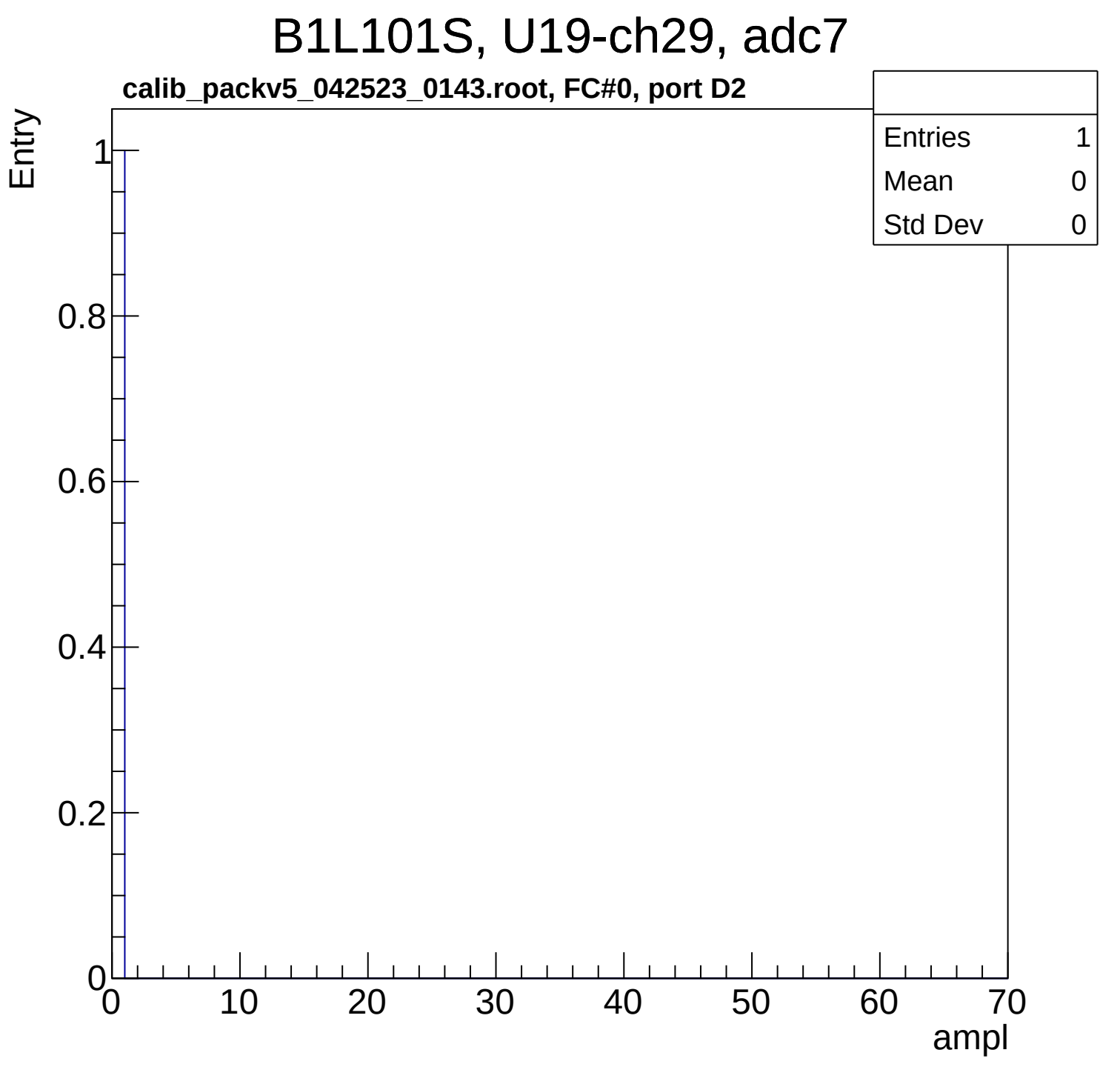
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch29, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 58.82
Std Dev 9.258
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch29, adc6
calib_packv5_042523_0143.root, FC#0, 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


B1L101S, U19-ch29, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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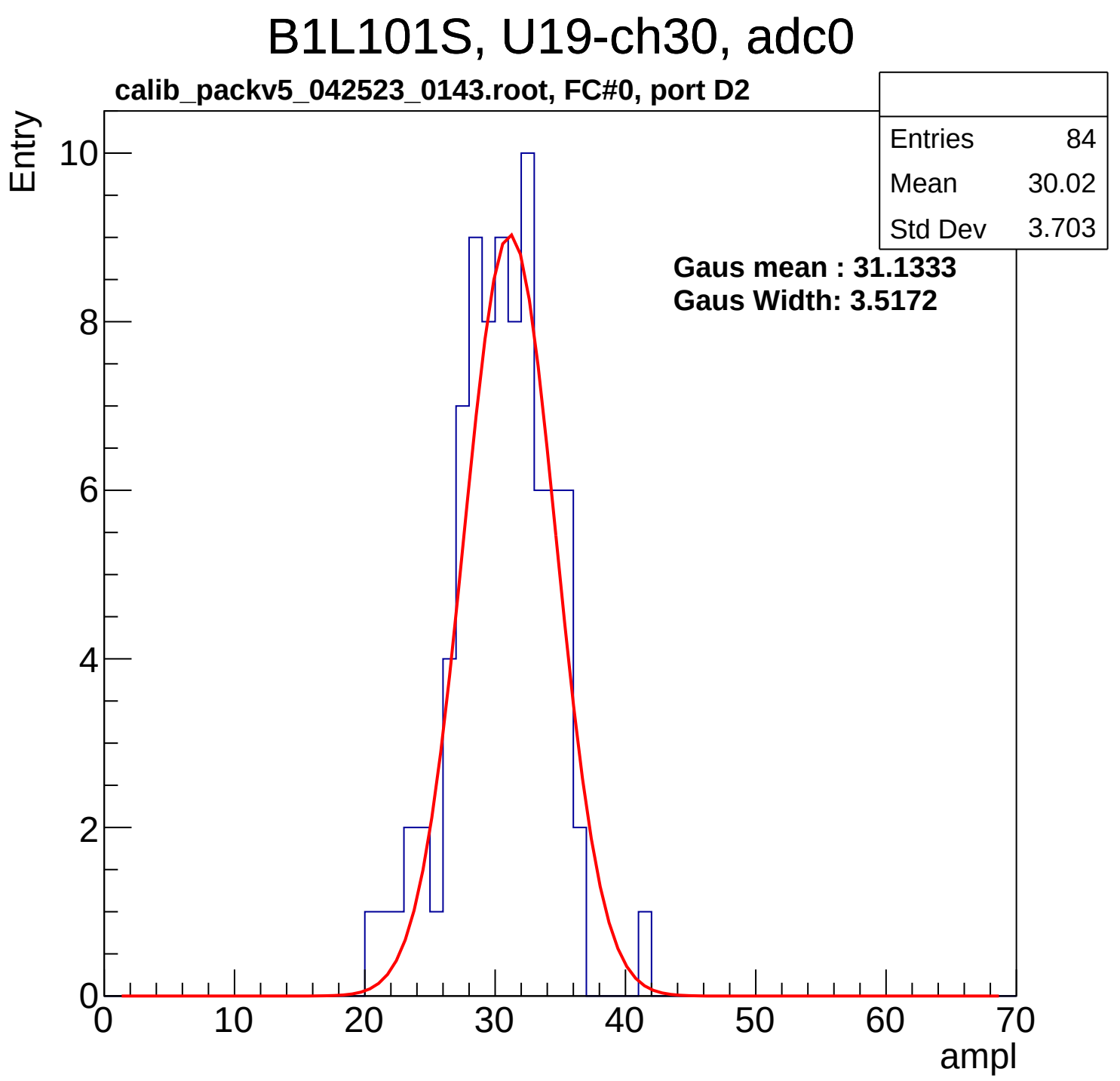
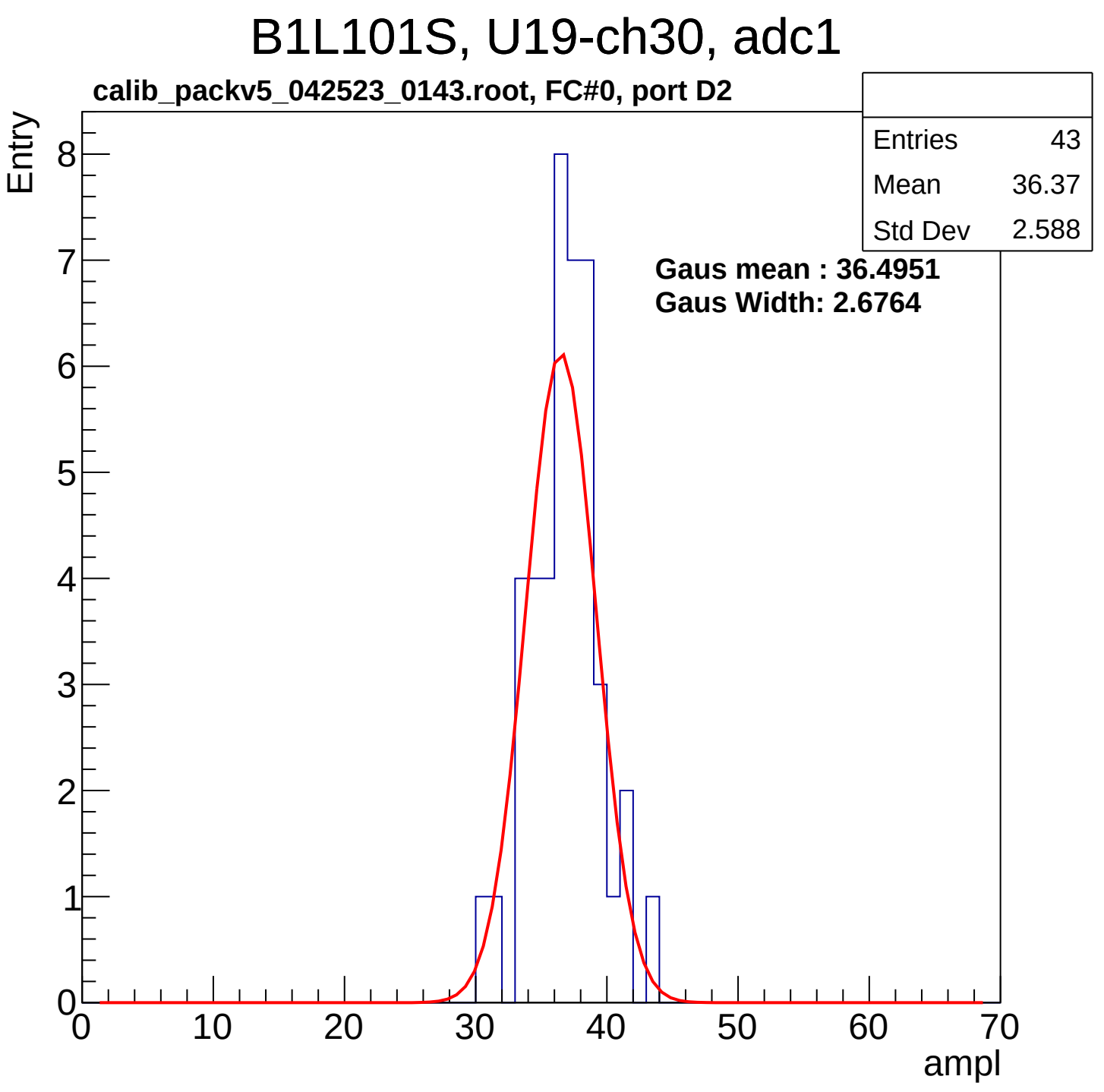
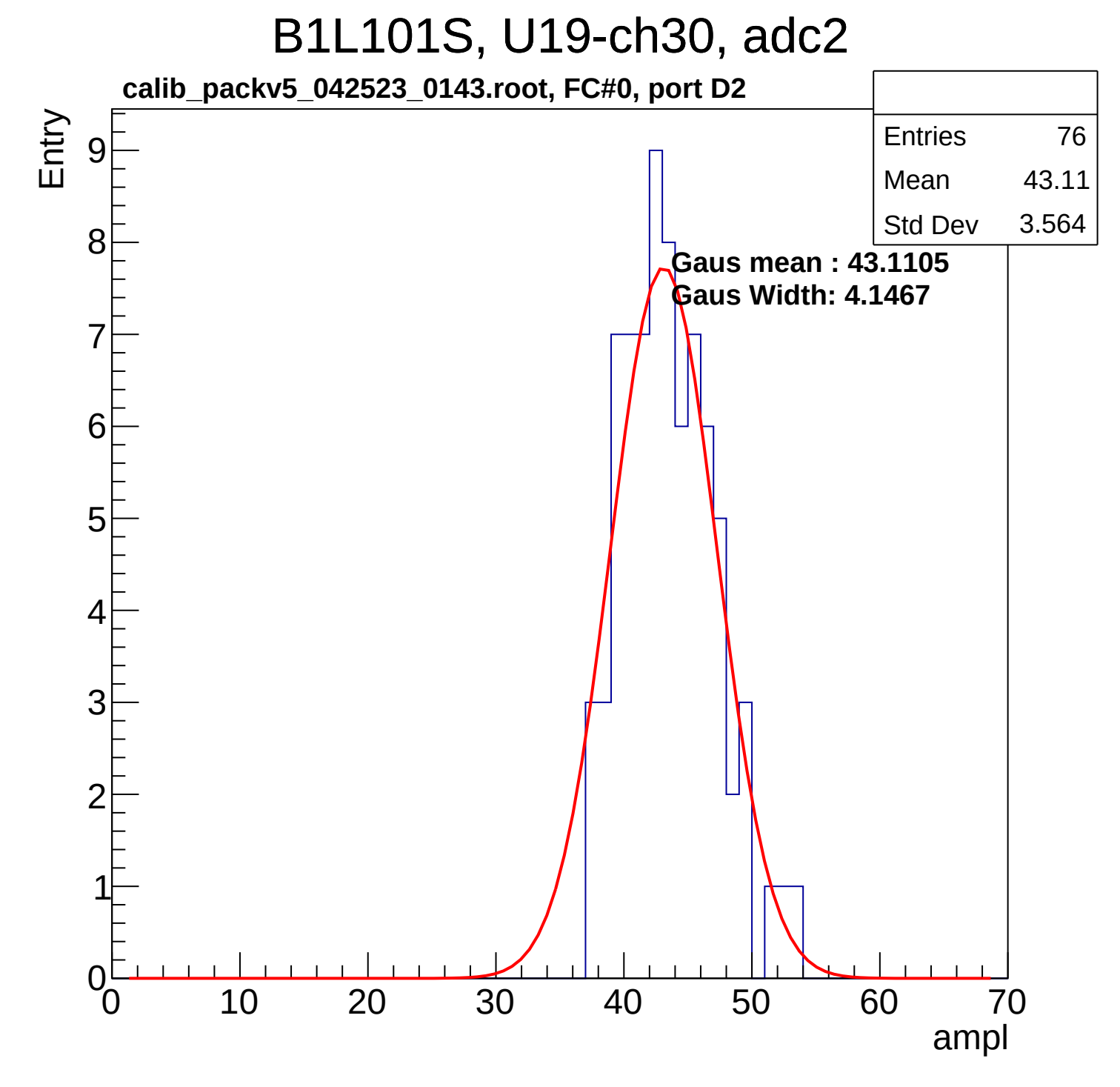
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch30, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 30.02
Std Dev 3.703
Gaus mean : 31.1333
Gaus Width: 3.5172
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch30, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 36.37
Std Dev 2.588
Gaus mean : 36.4951
Gaus Width: 2.6764
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch30, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 43.11
Std Dev 3.564
Gaus mean : 43.1105
Gaus Width: 4.1467
Entry
ampl
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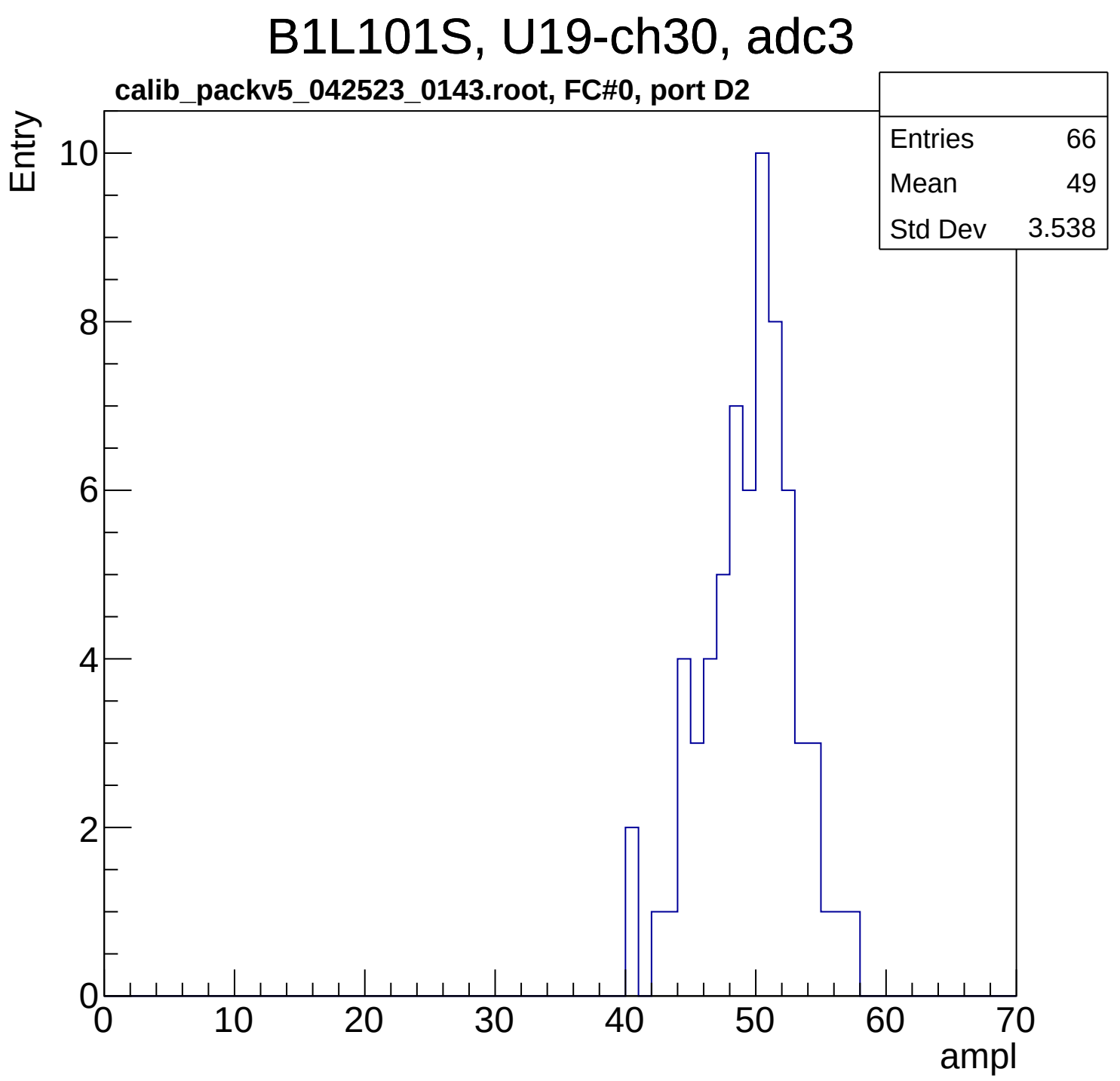
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch30, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 49
Std Dev 3.538
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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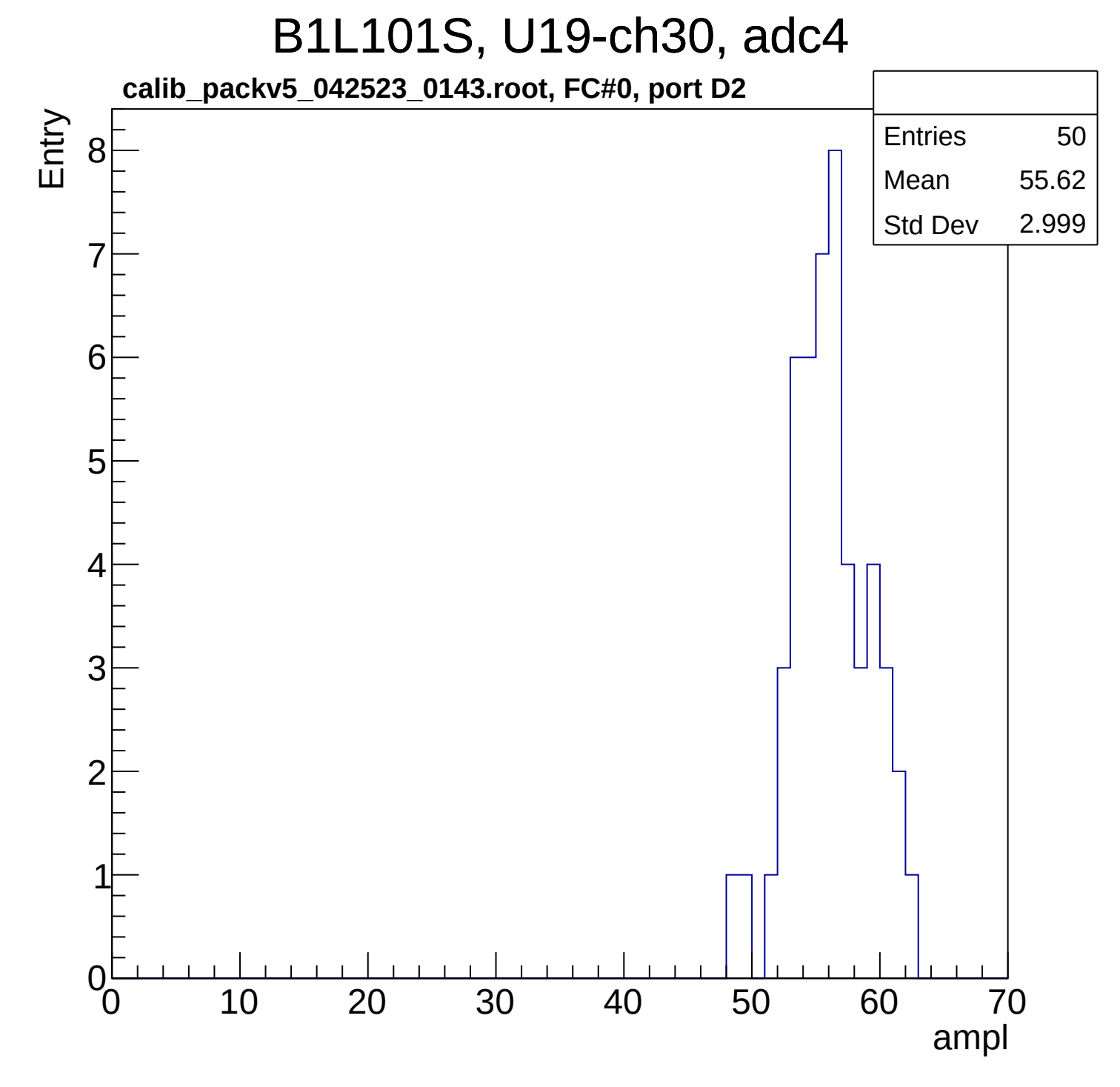
B1L101S, U19-ch30, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 55.62
Std Dev 2.999
Entry
ampl
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1
2
3
4
5
6
7
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40
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60
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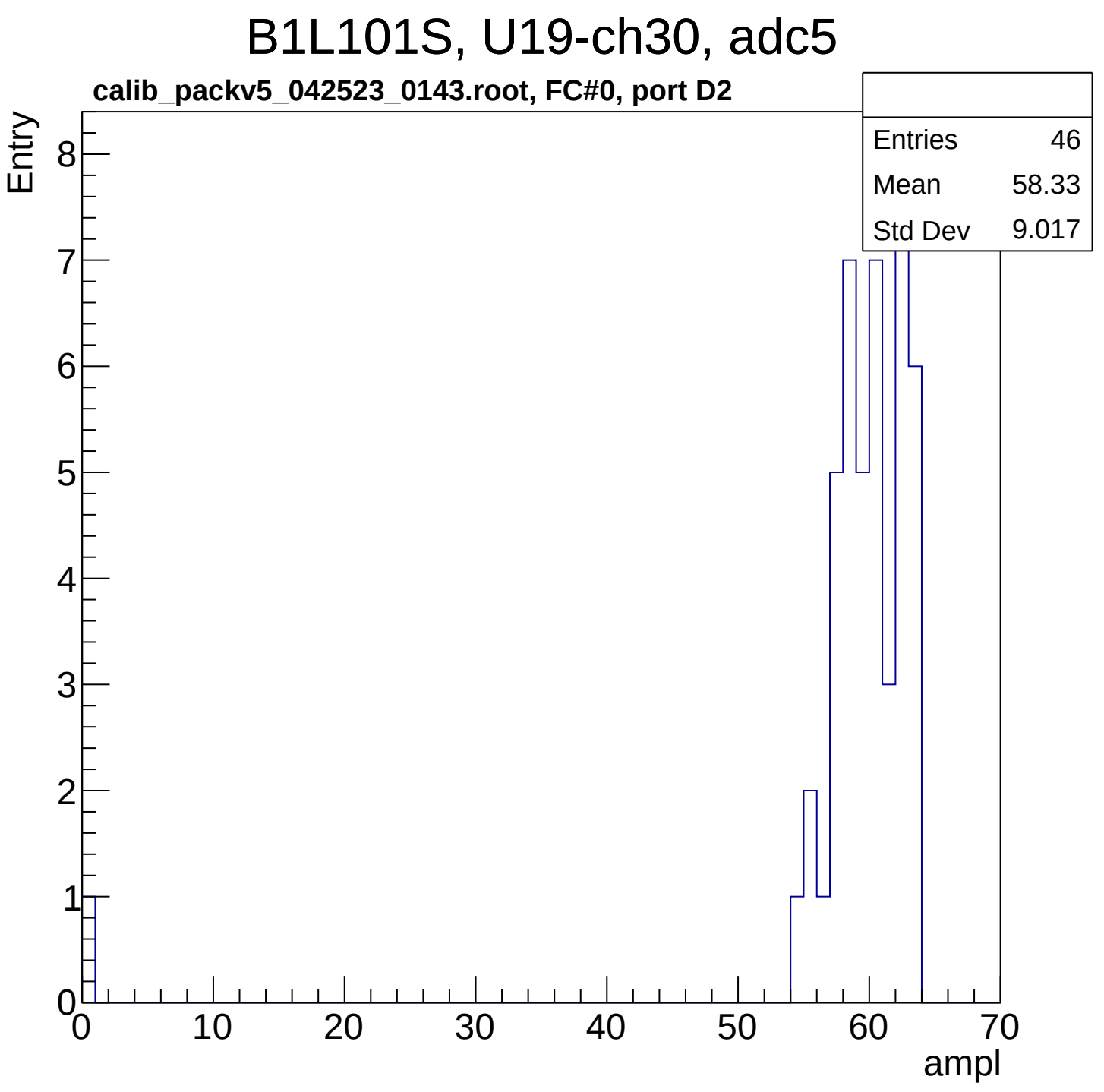
B1L101S, U19-ch30, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 58.33
Std Dev 9.017
Entry
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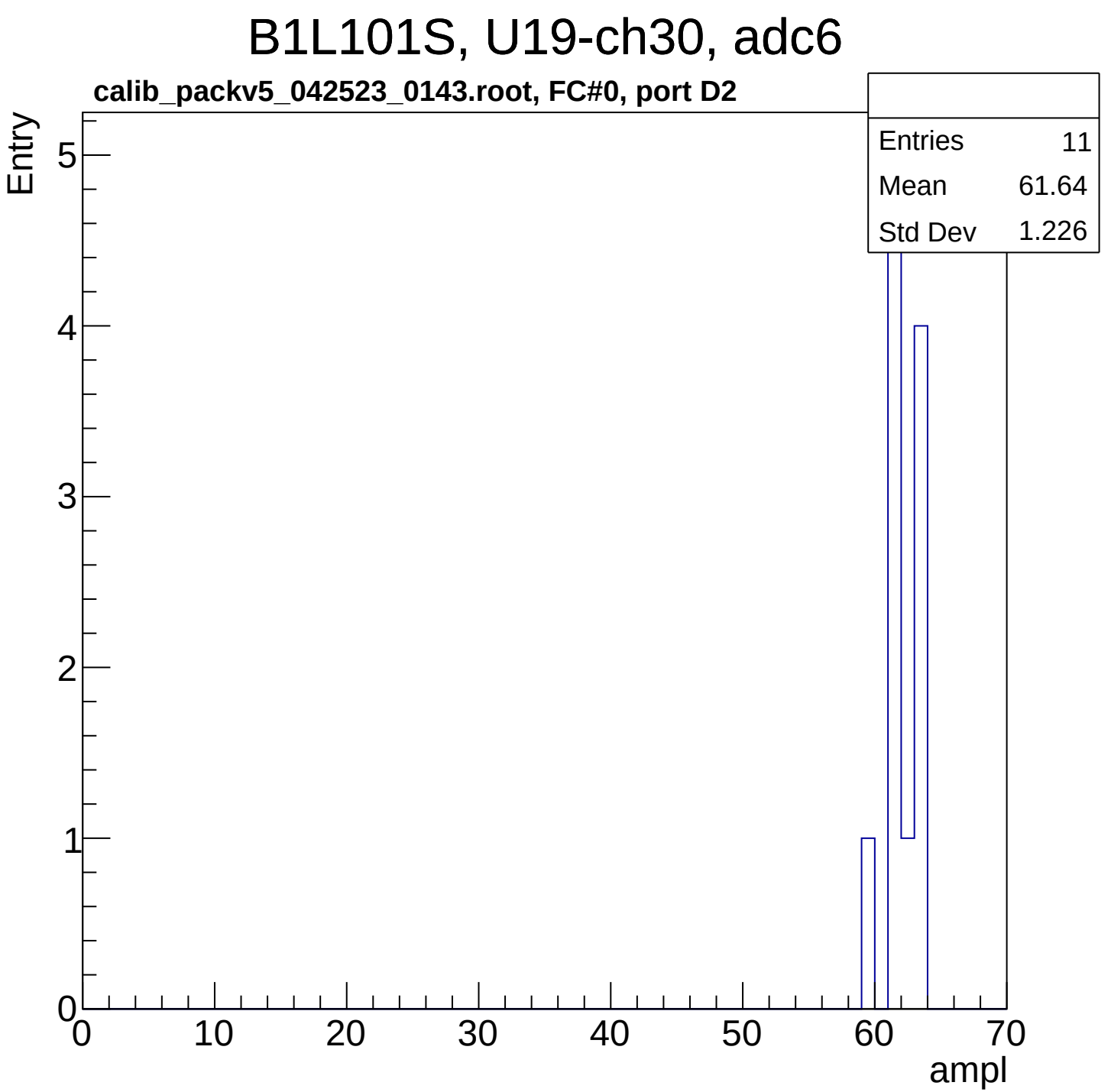
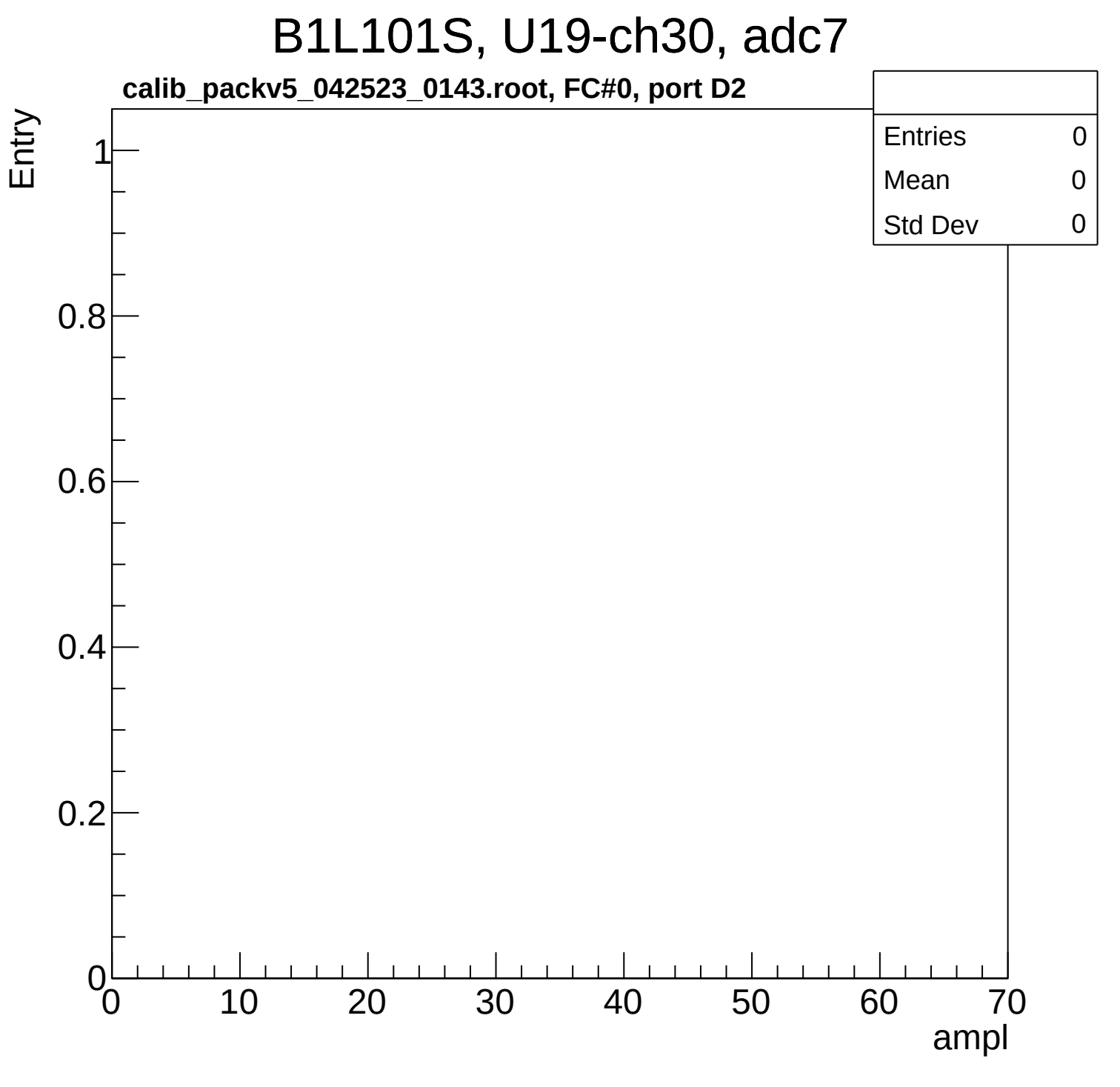
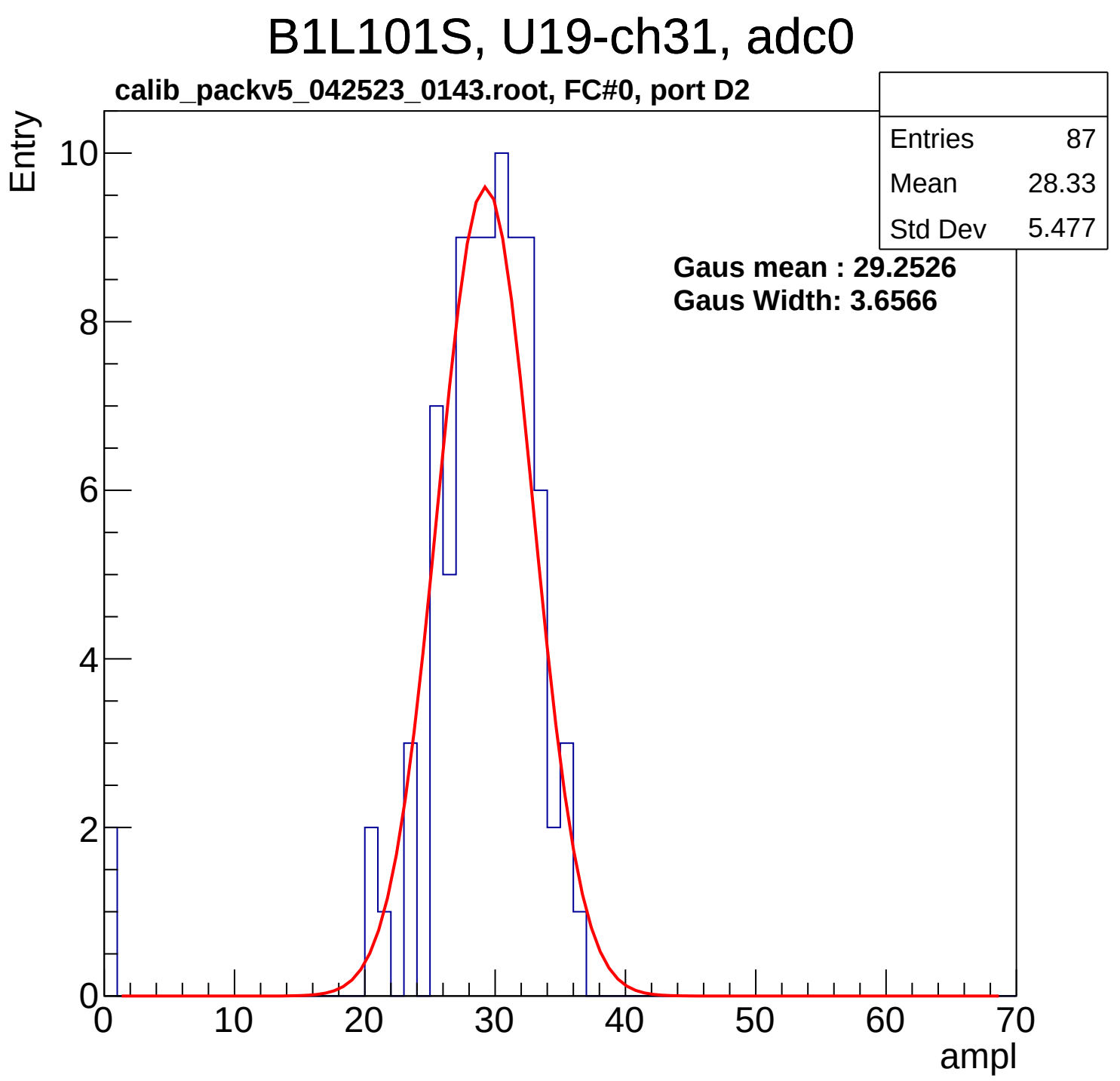
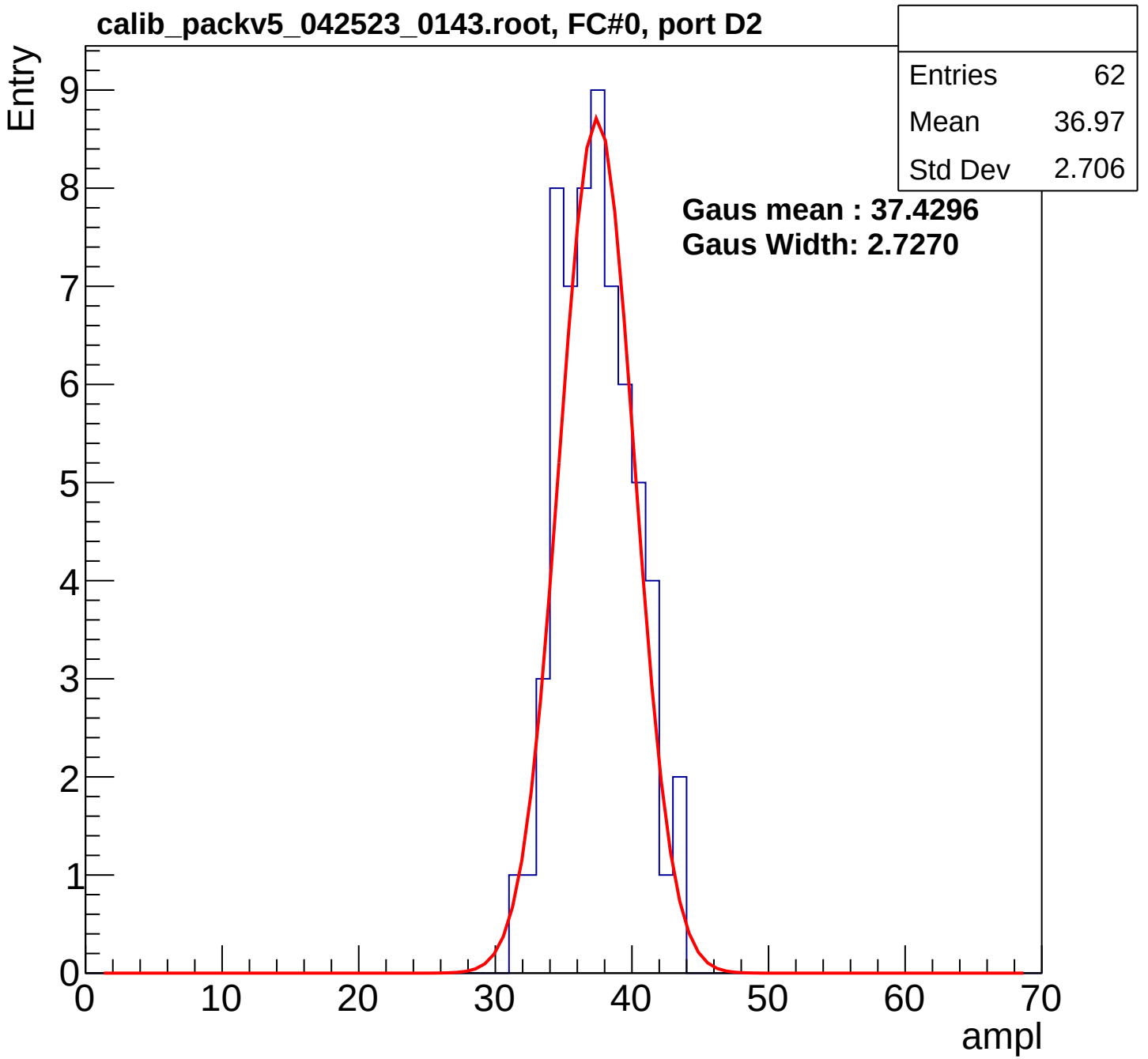
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch30, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 61.64
Std Dev 1.226
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch30, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch31, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 87
Mean 28.33
Std Dev 5.477
Gaus mean : 29.2526
Gaus Width: 3.6566
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch31, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 36.97
Std Dev 2.706
Gaus mean : 37.4296
Gaus Width: 2.7270
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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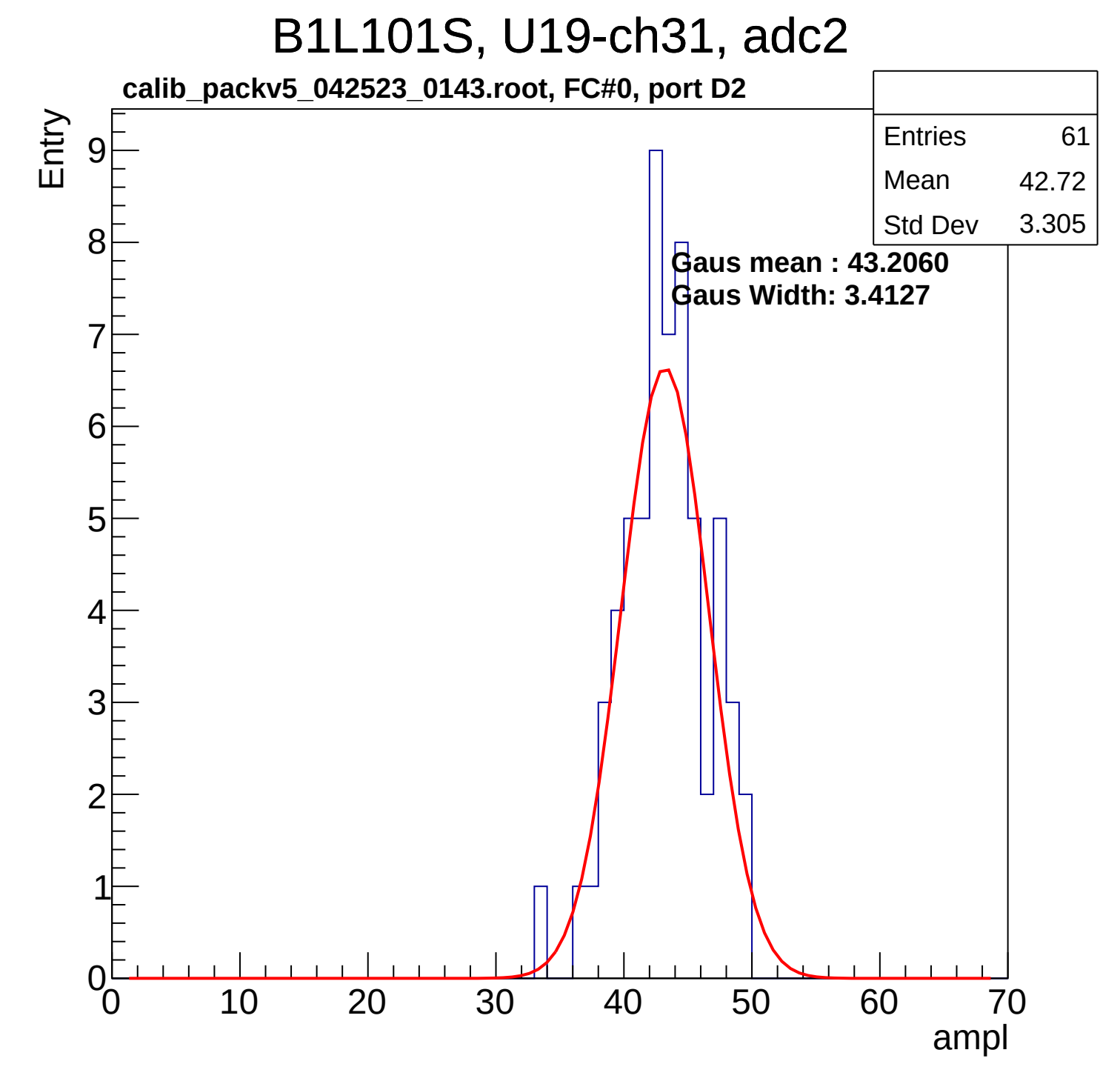
B1L101S, U19-ch31, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 42.72
Std Dev 3.305
Gaus mean : 43.2060
Gaus Width: 3.4127
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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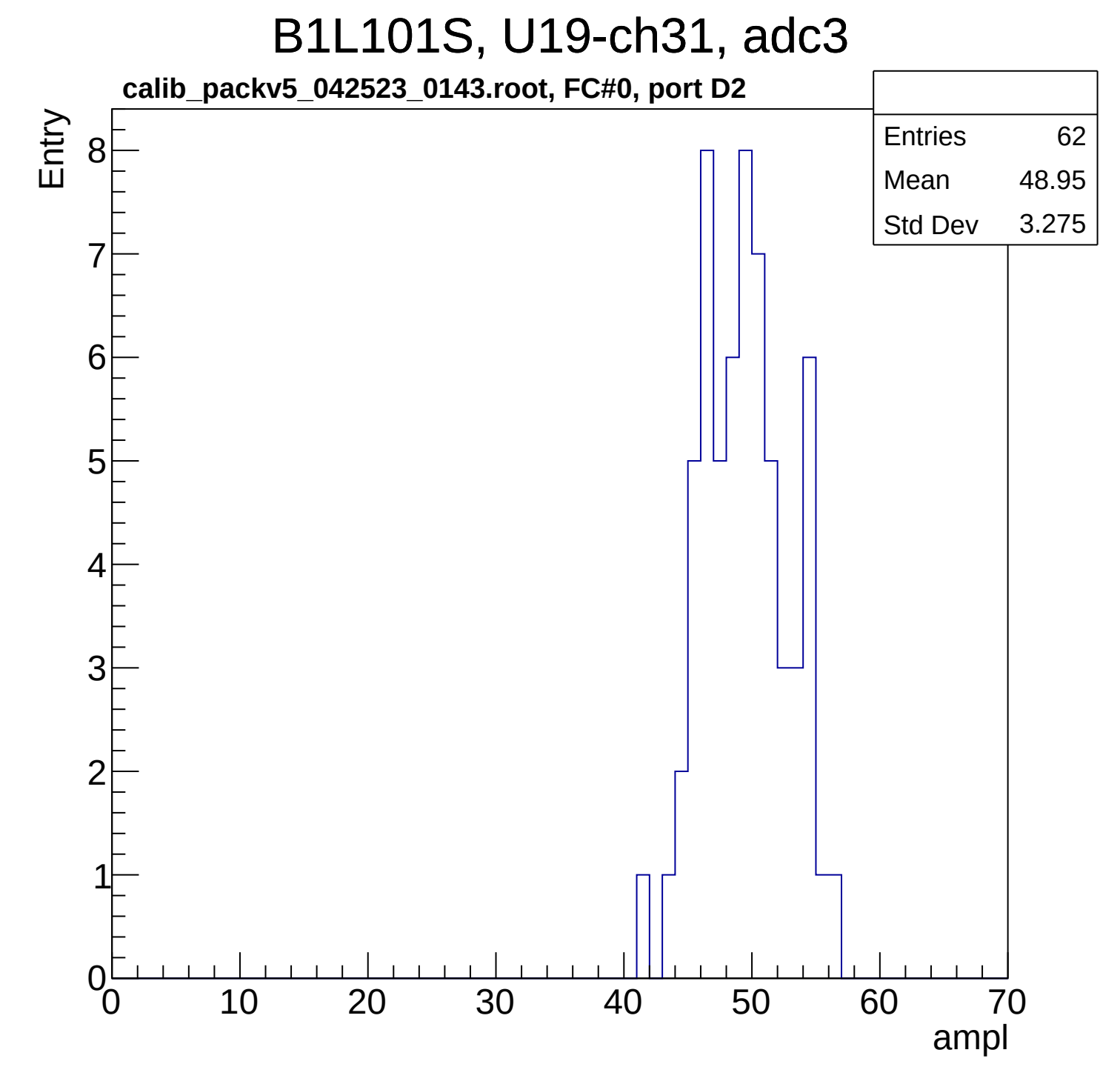
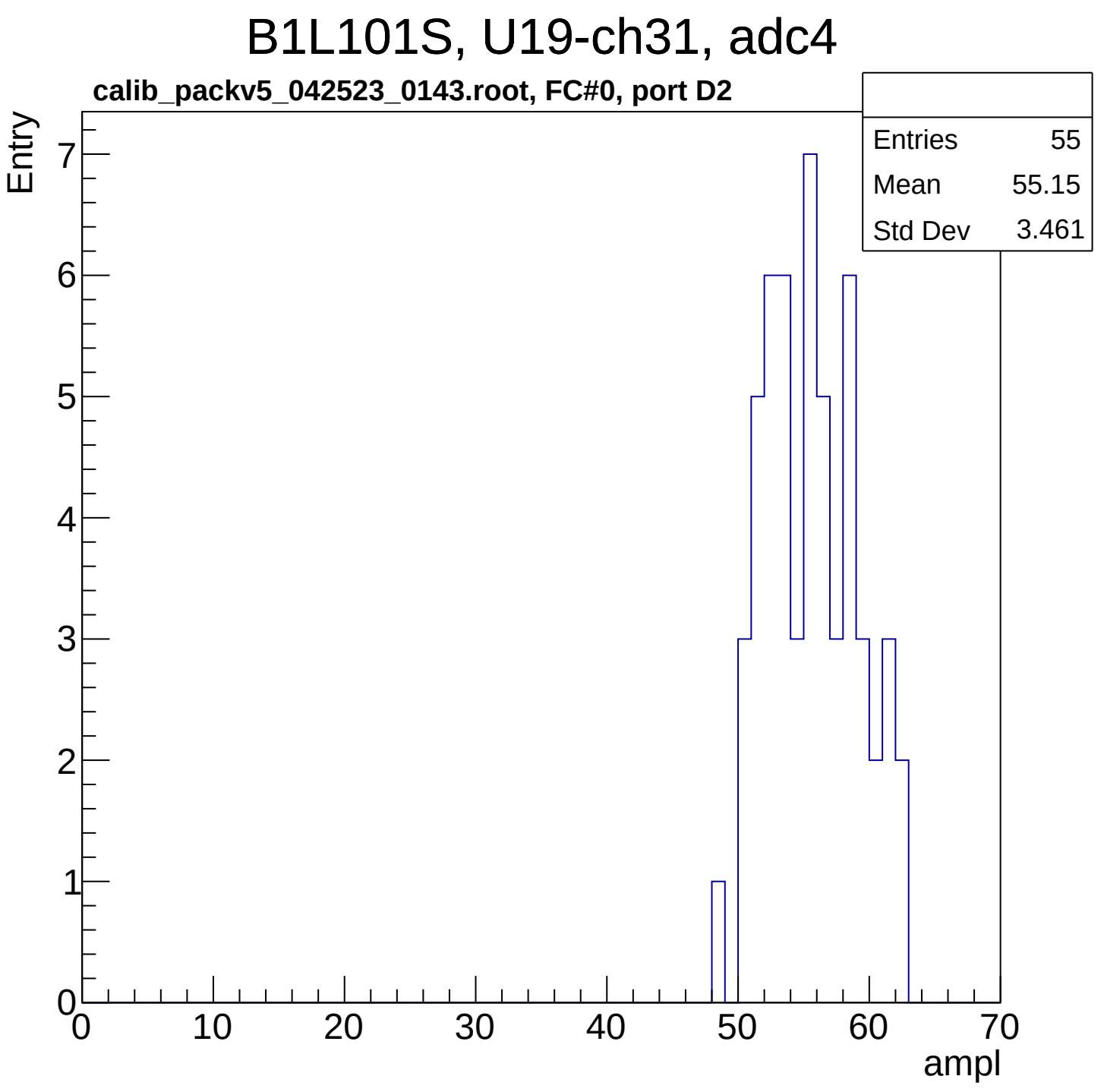
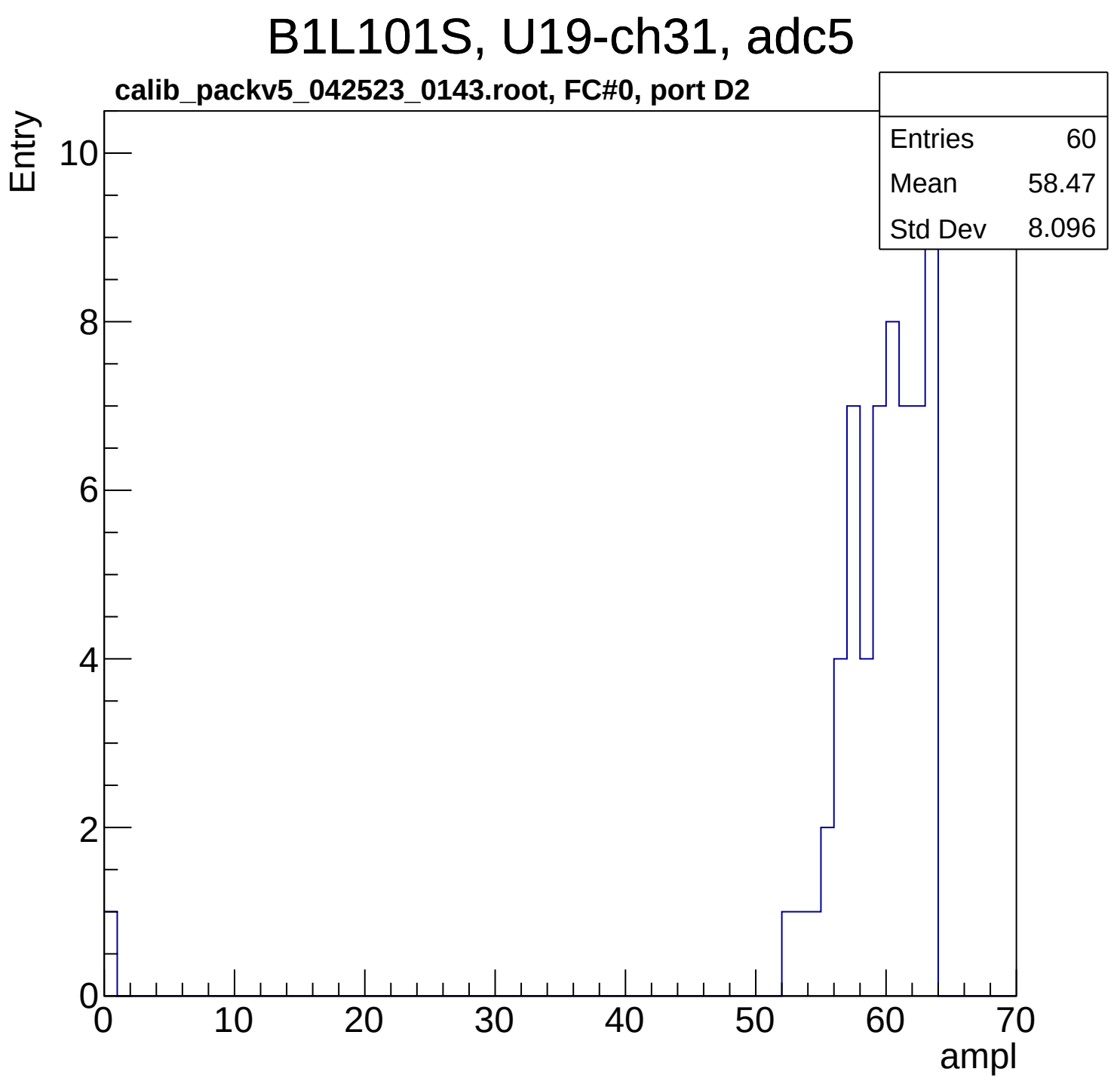
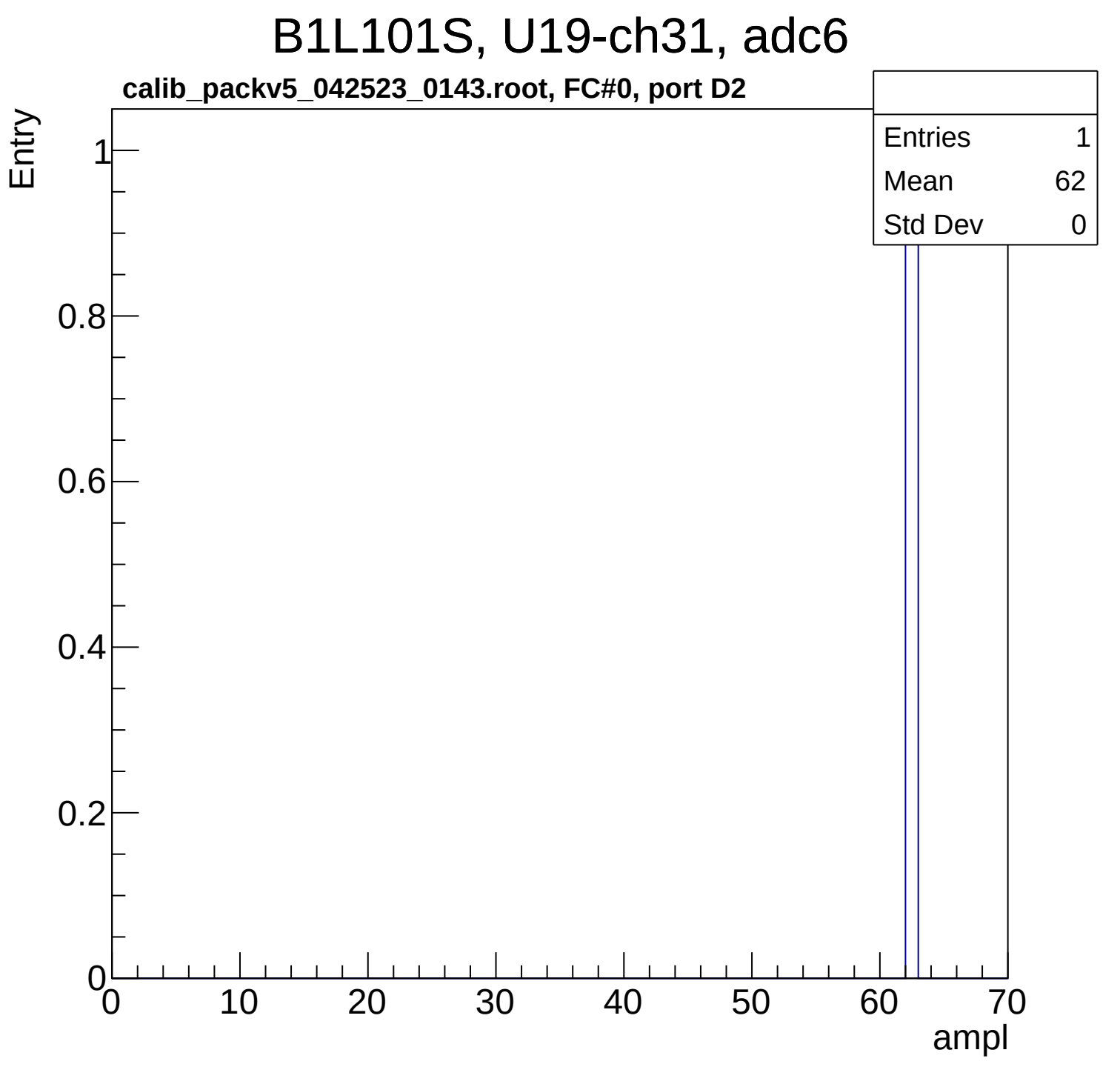
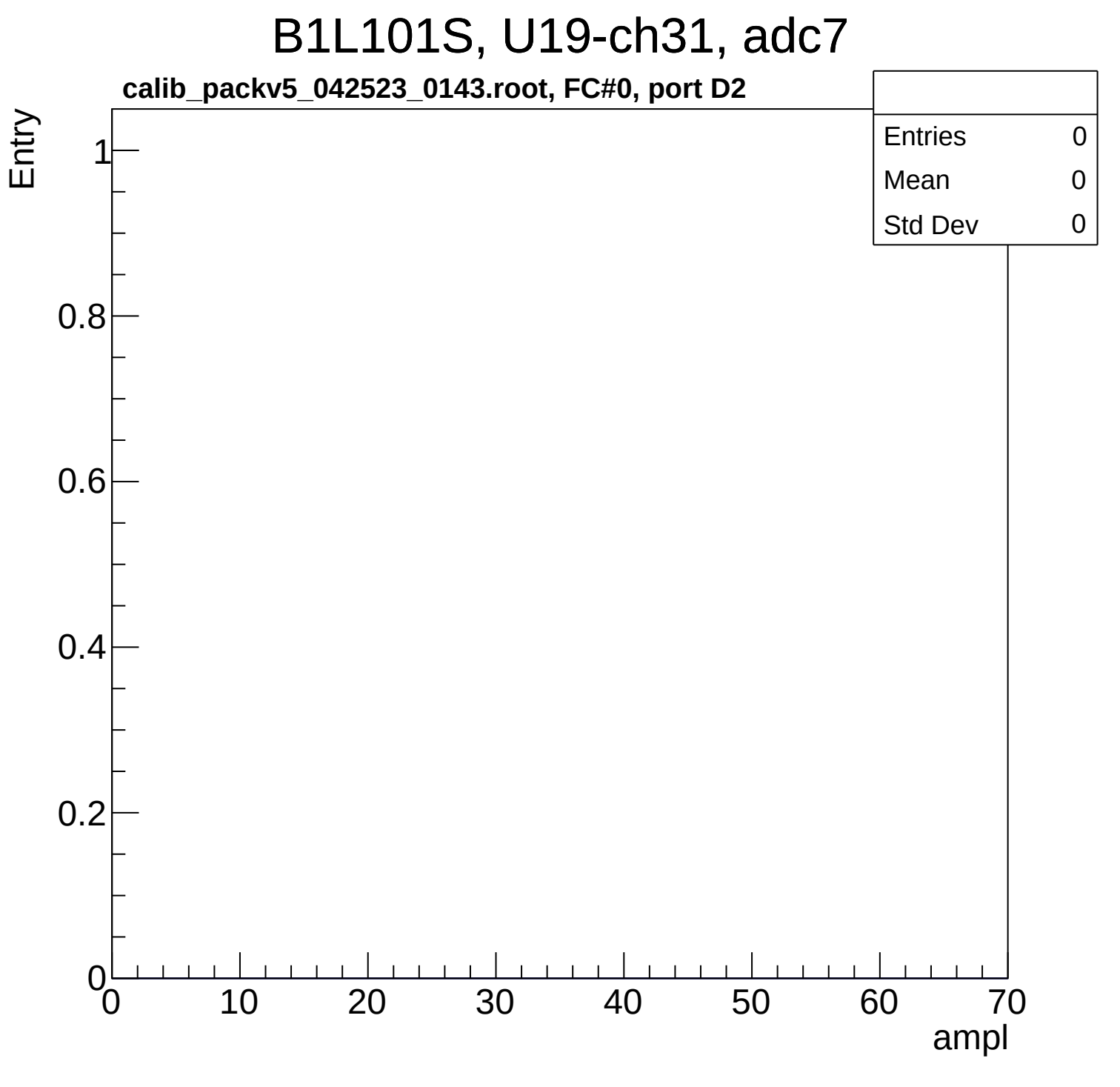
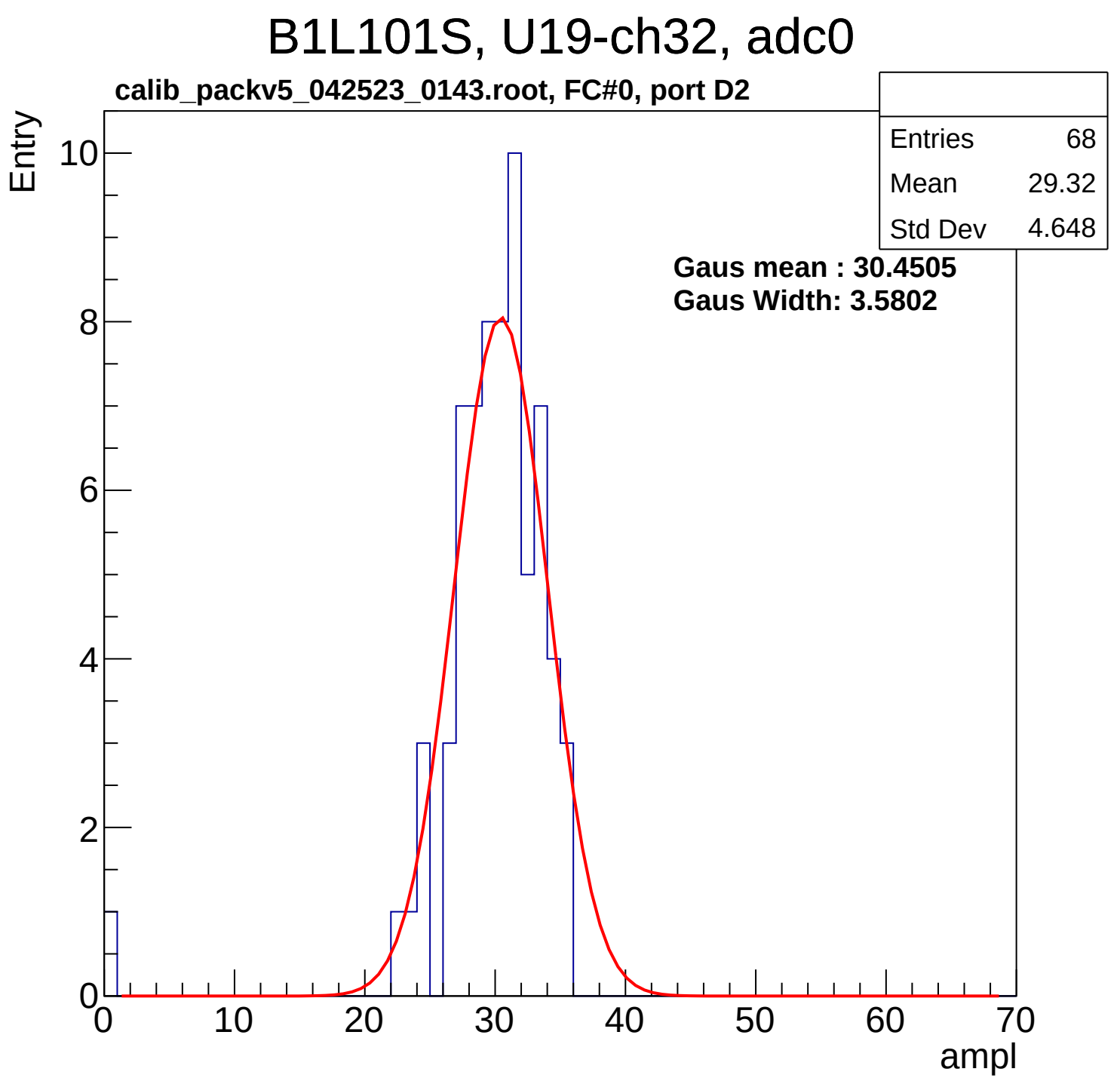

B1L101S, U19-ch31, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 48.95
Std Dev 3.275
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

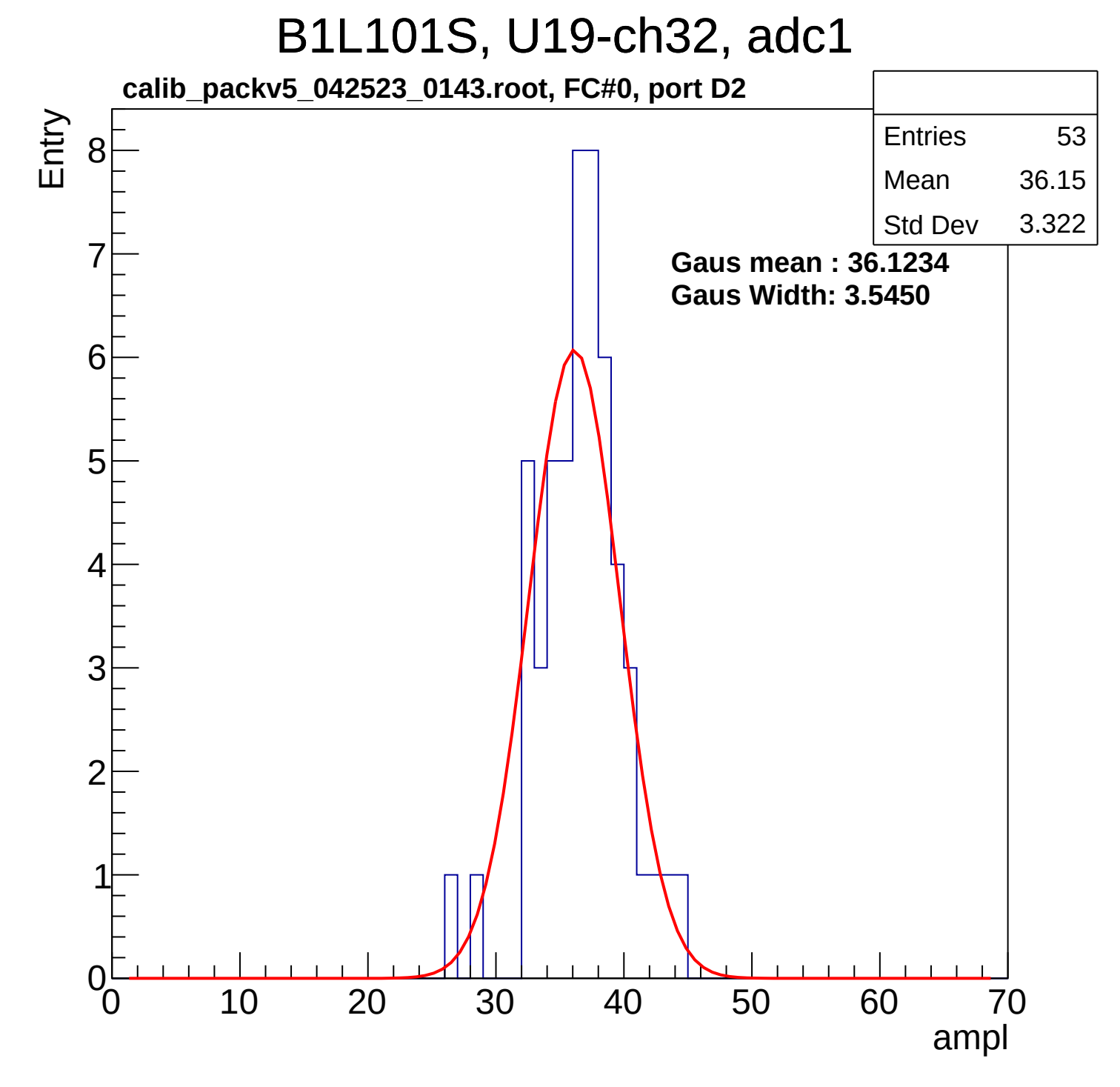

B1L101S, U19-ch31, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 55.15
Std Dev 3.461
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

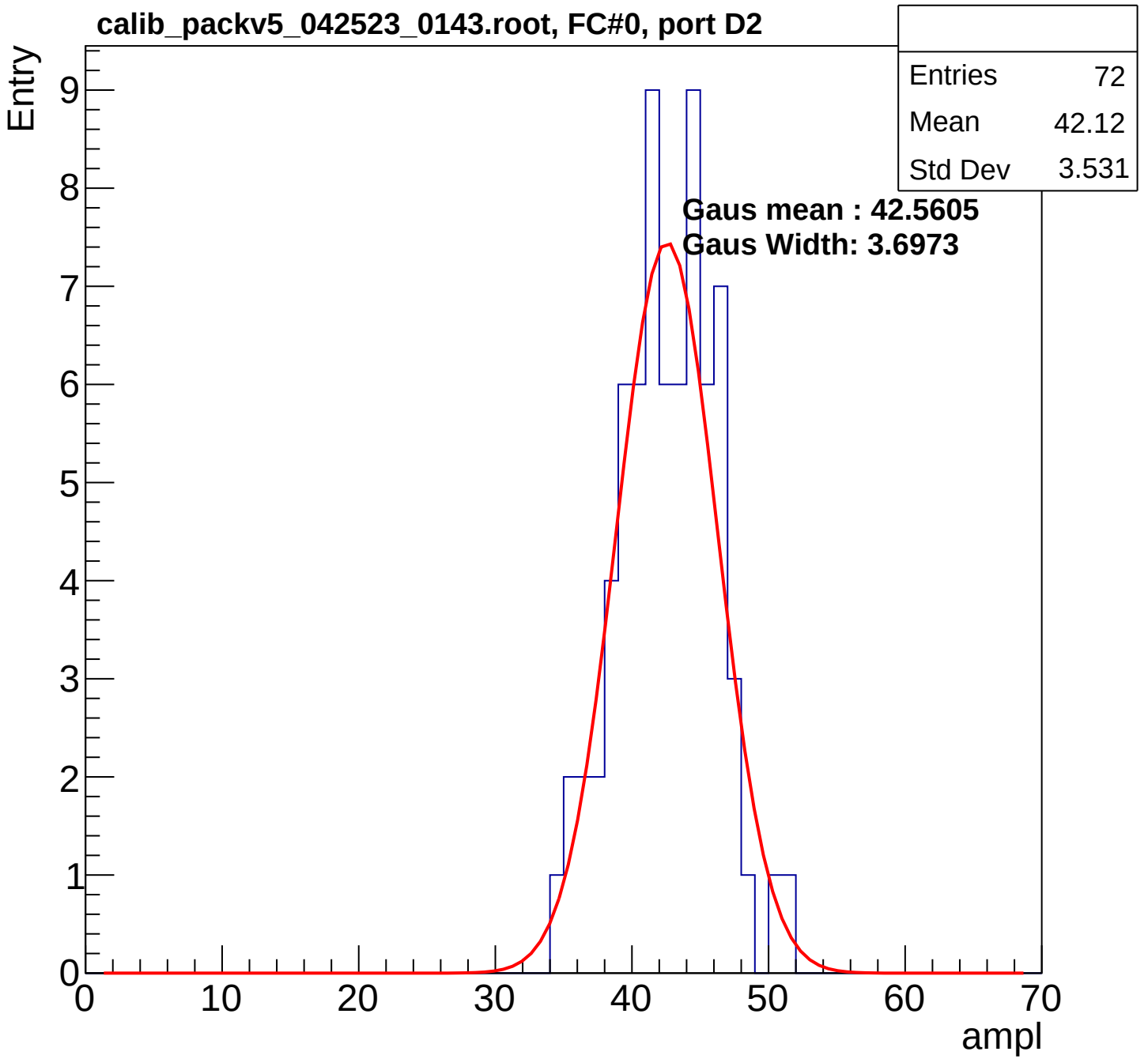

B1L101S, U19-ch31, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 58.47
Std Dev 8.096
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch31, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch31, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch32, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 29.32
Std Dev 4.648
Gaus mean : 30.4505
Gaus Width: 3.5802
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch32, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 36.15
Std Dev 3.322
Gaus mean : 36.1234
Gaus Width: 3.5450
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch32, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 42.12
Std Dev 3.531
Gaus mean : 42.5605
Gaus Width: 3.6973
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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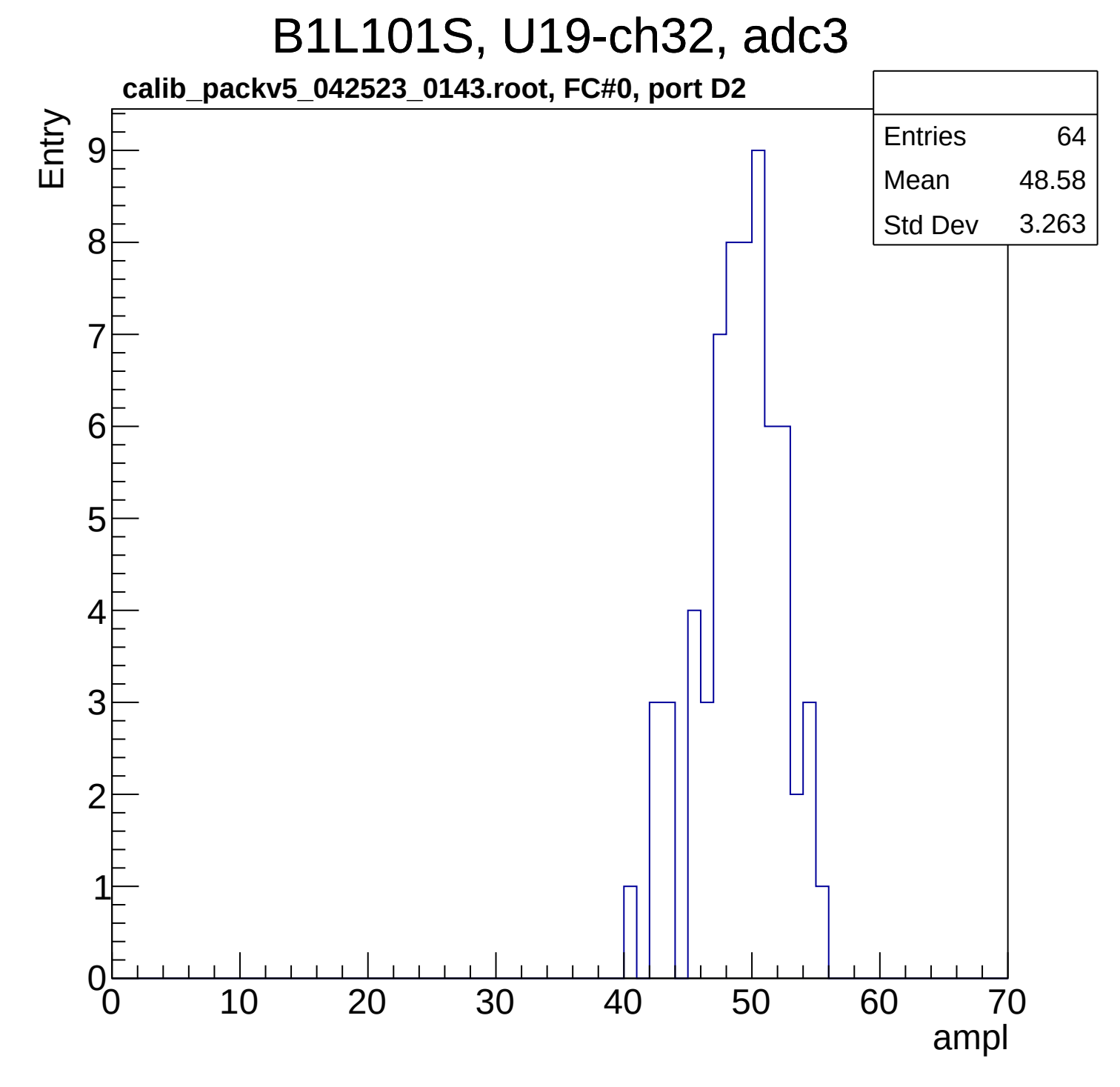
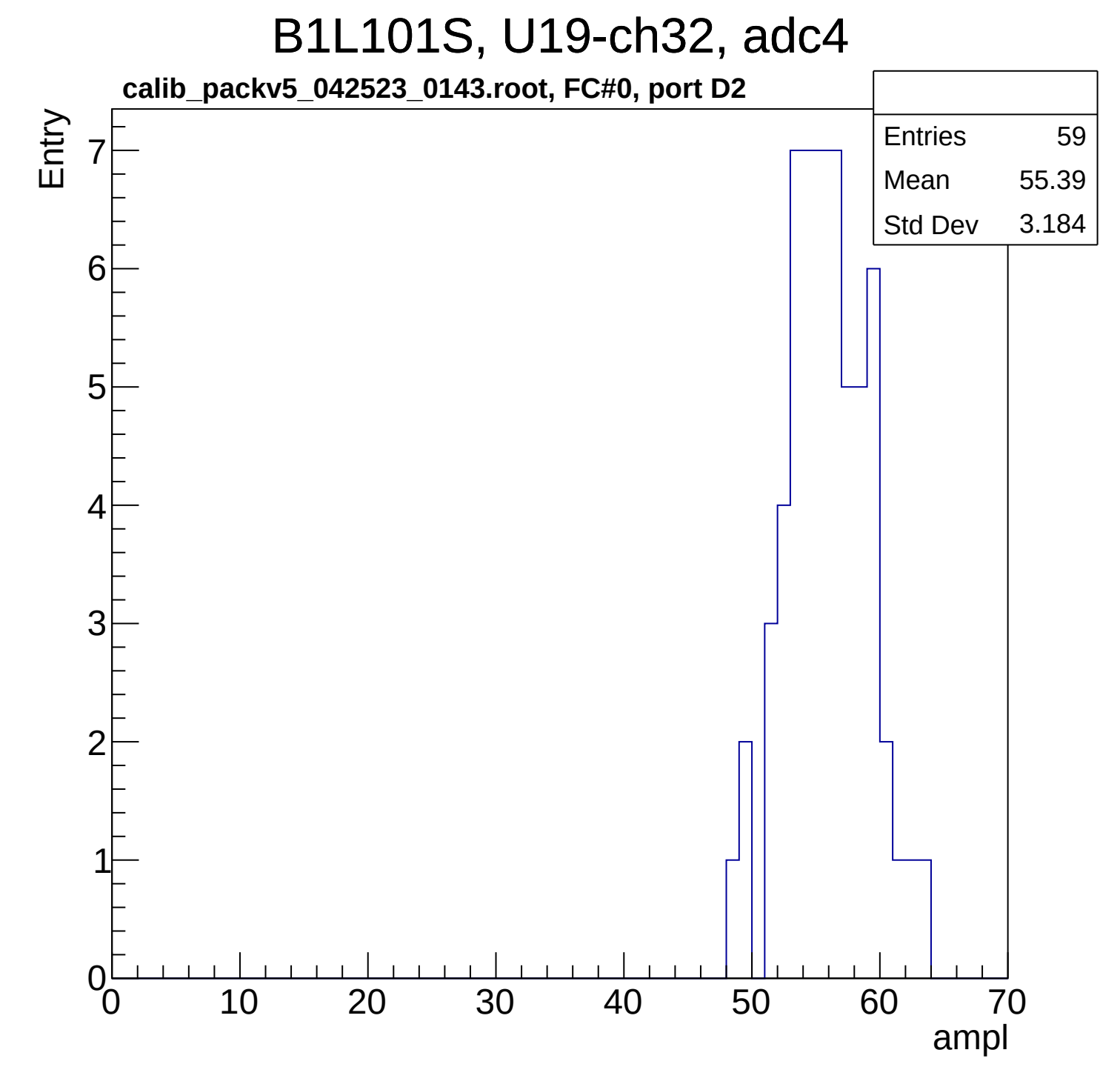
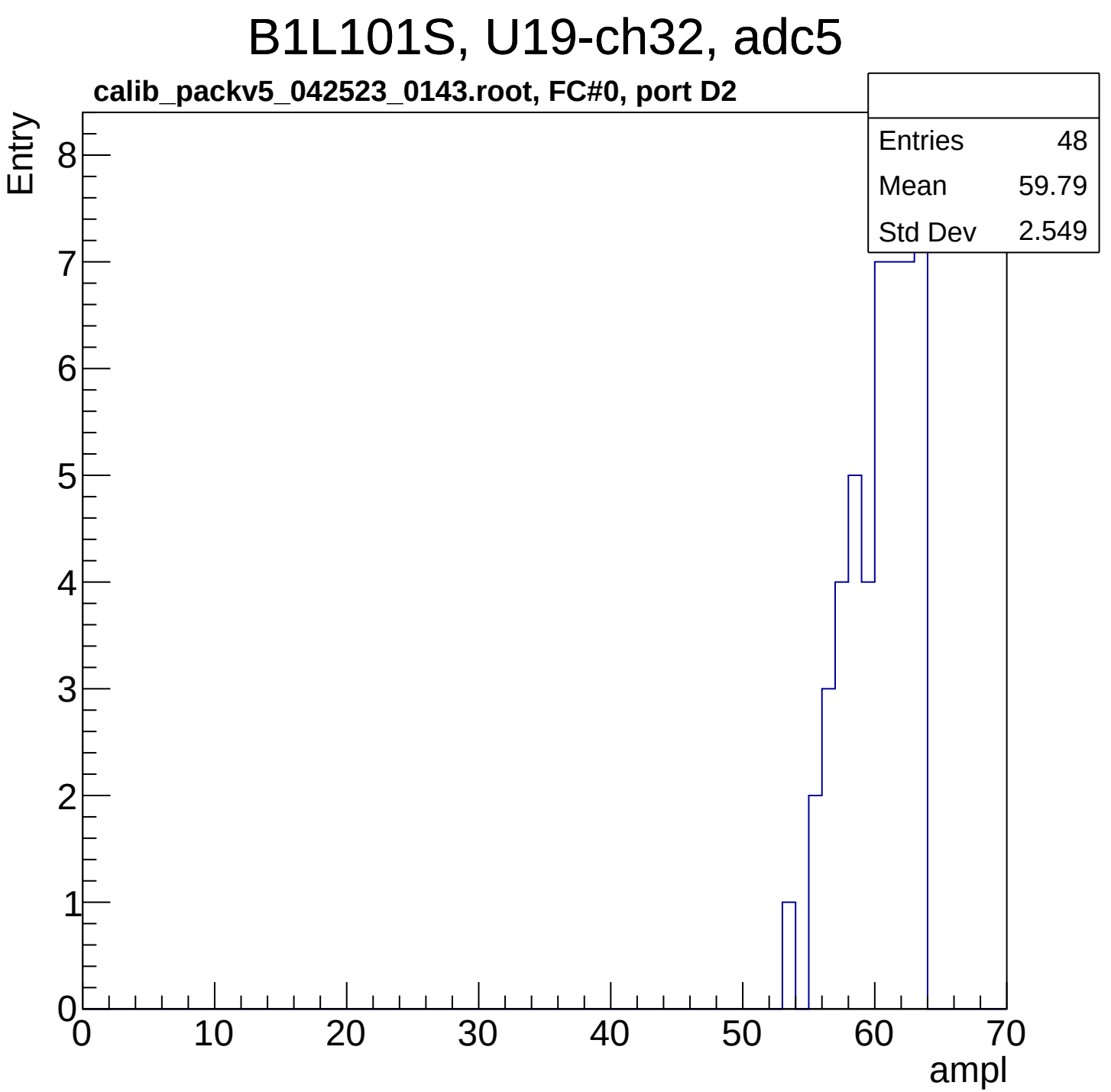

B1L101S, U19-ch32, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 48.58
Std Dev 3.263
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch32, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 55.39
Std Dev 3.184
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch32, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 59.79
Std Dev 2.549
Entry
ampl
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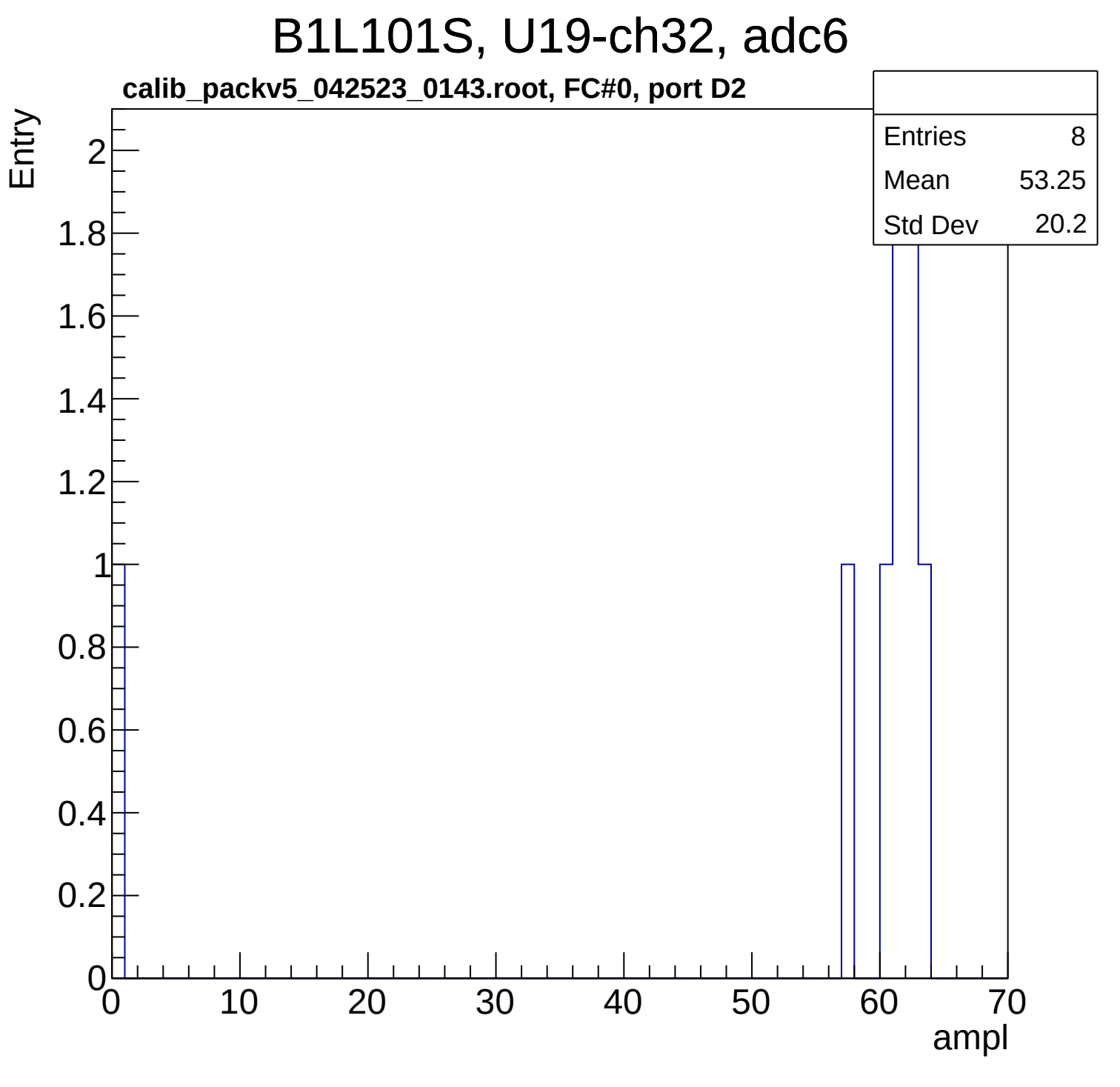
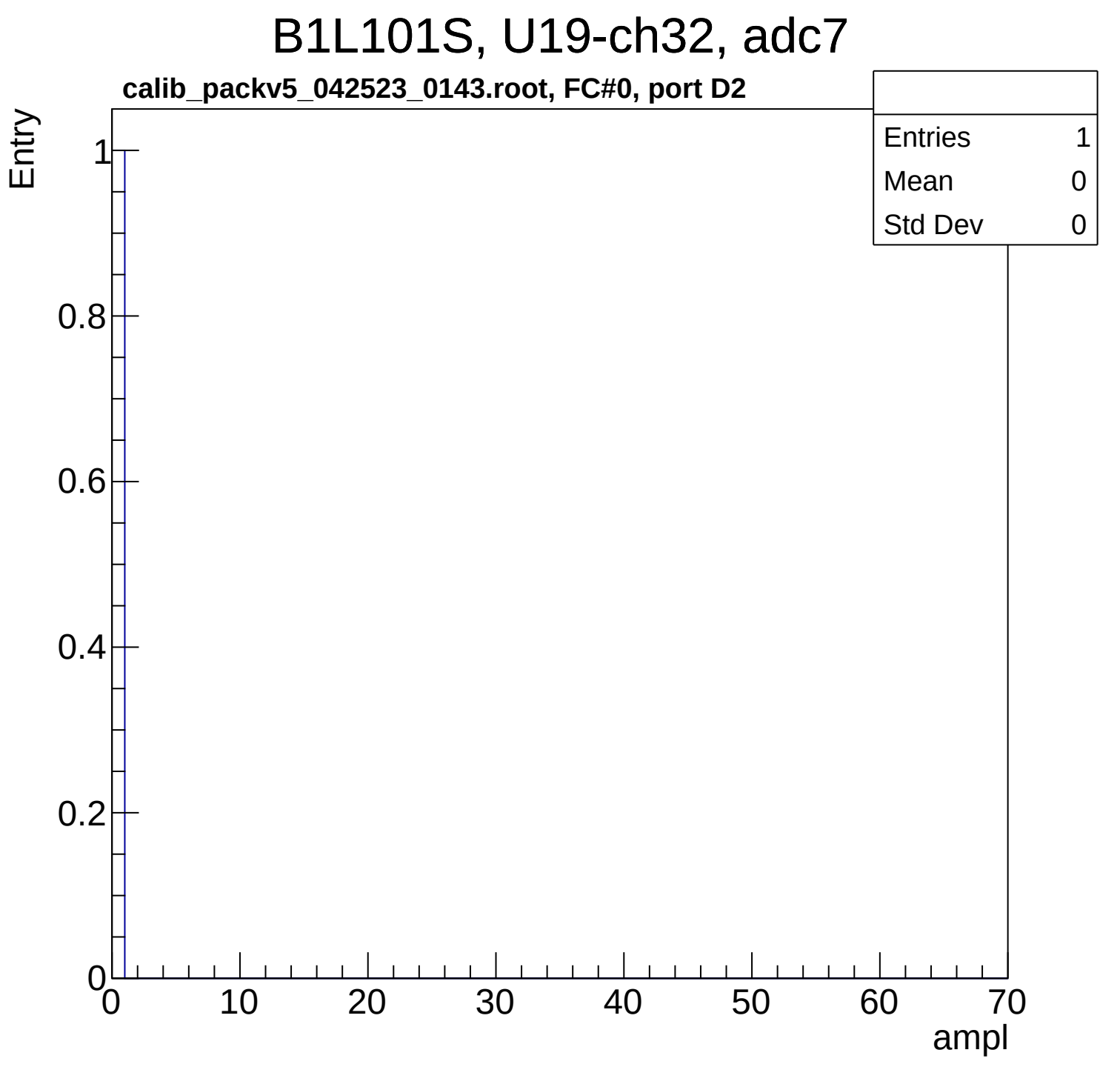
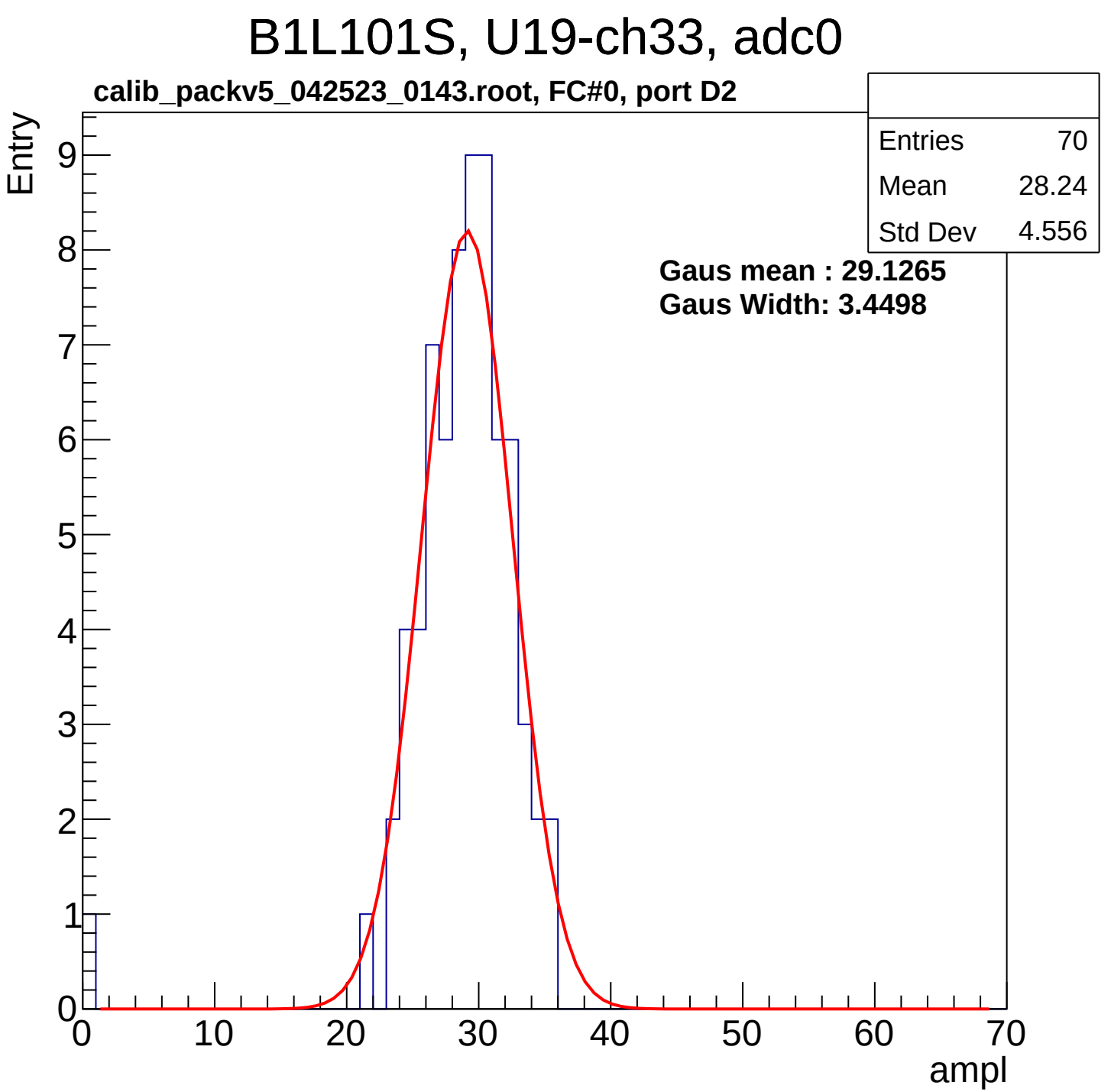
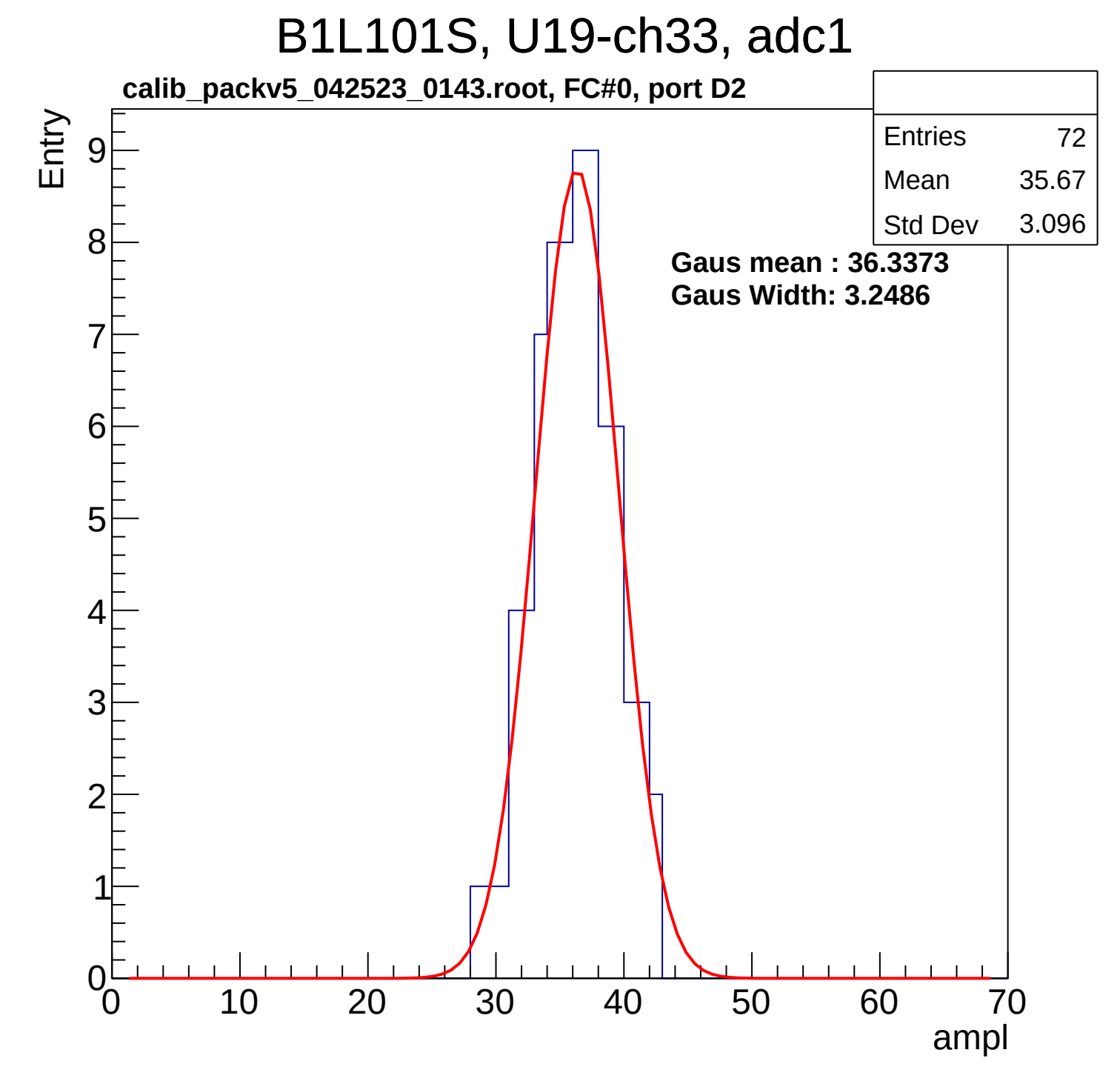
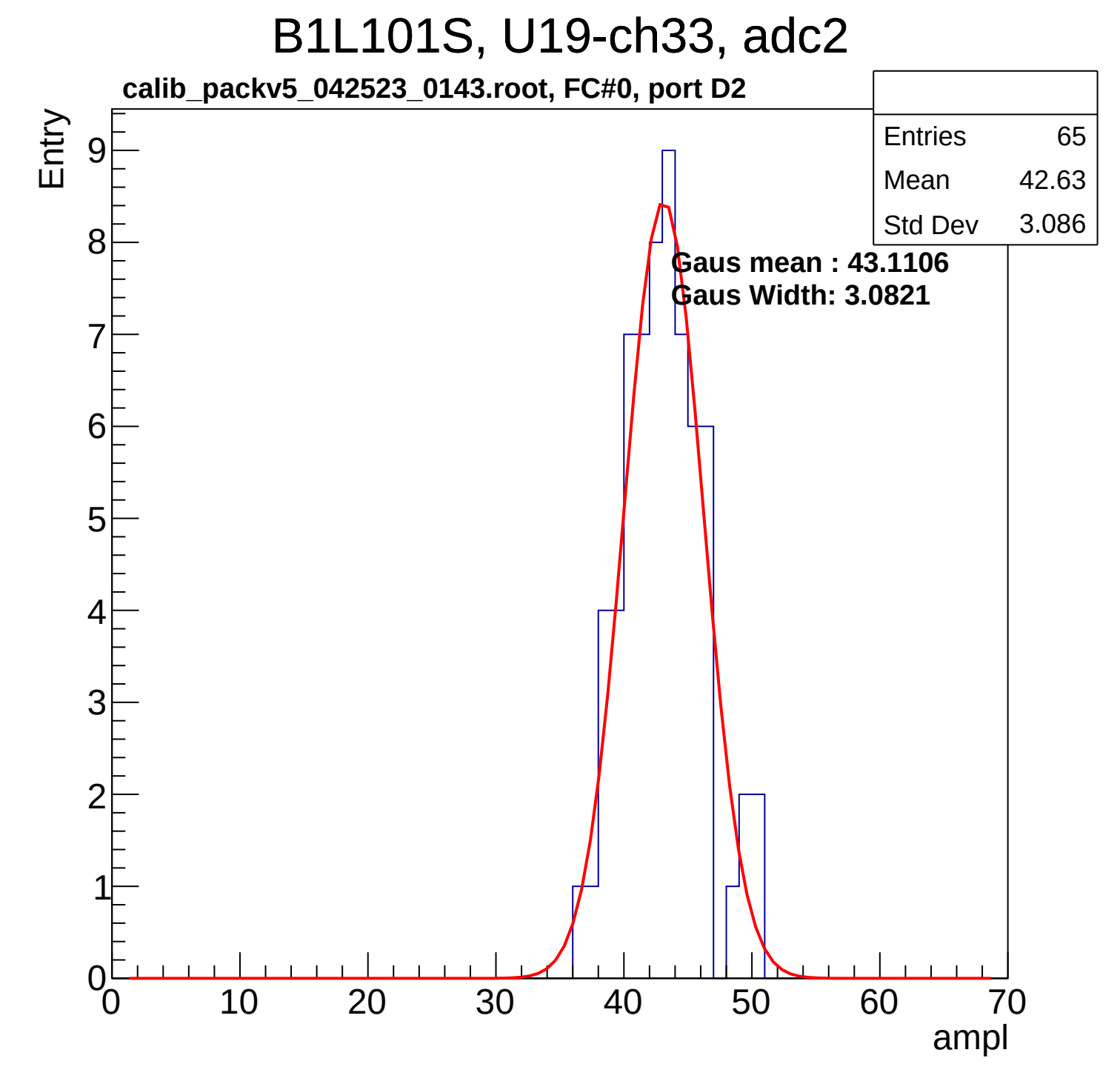
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

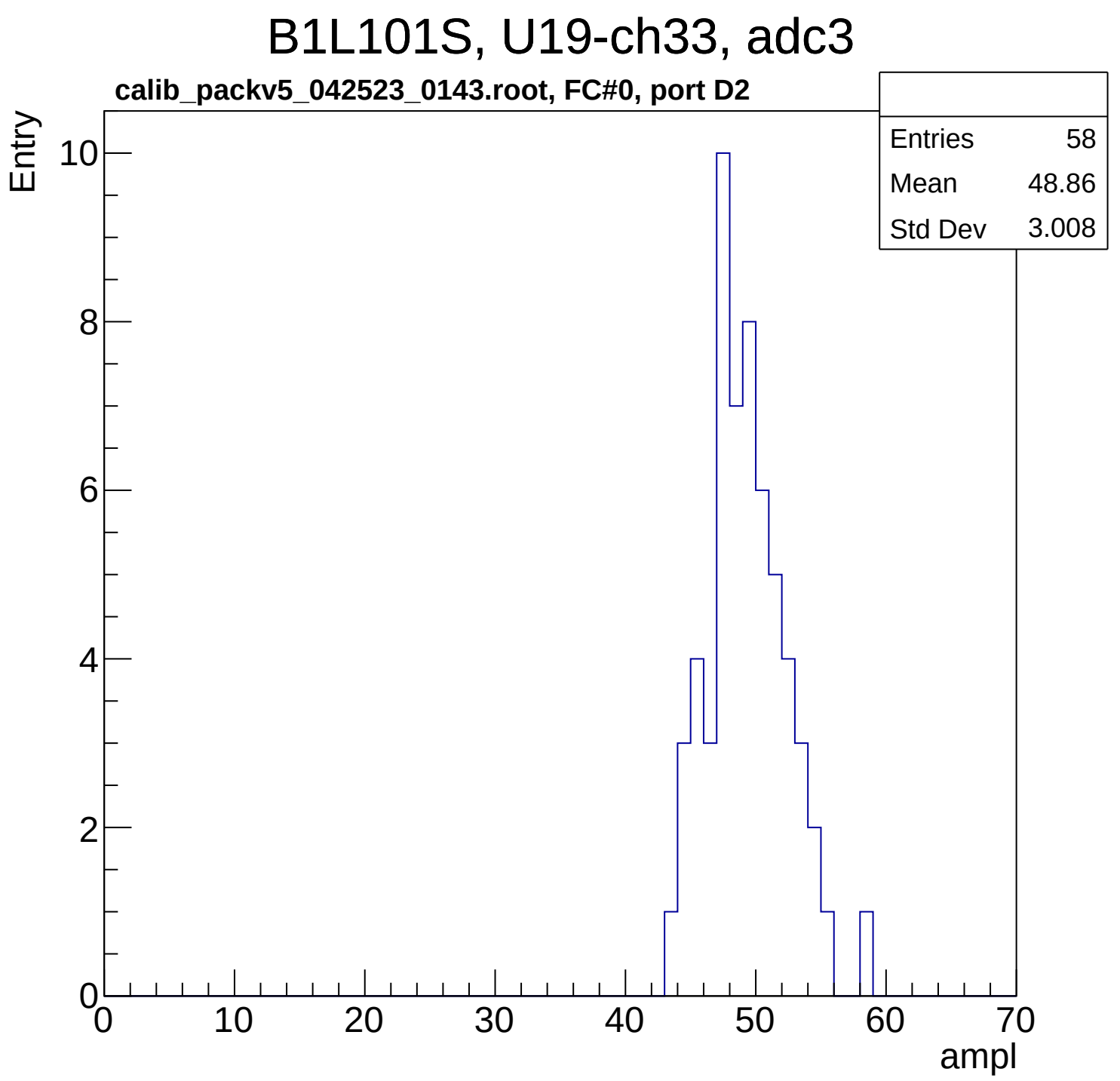

B1L101S, U19-ch32, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 53.25
Std Dev 20.2
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

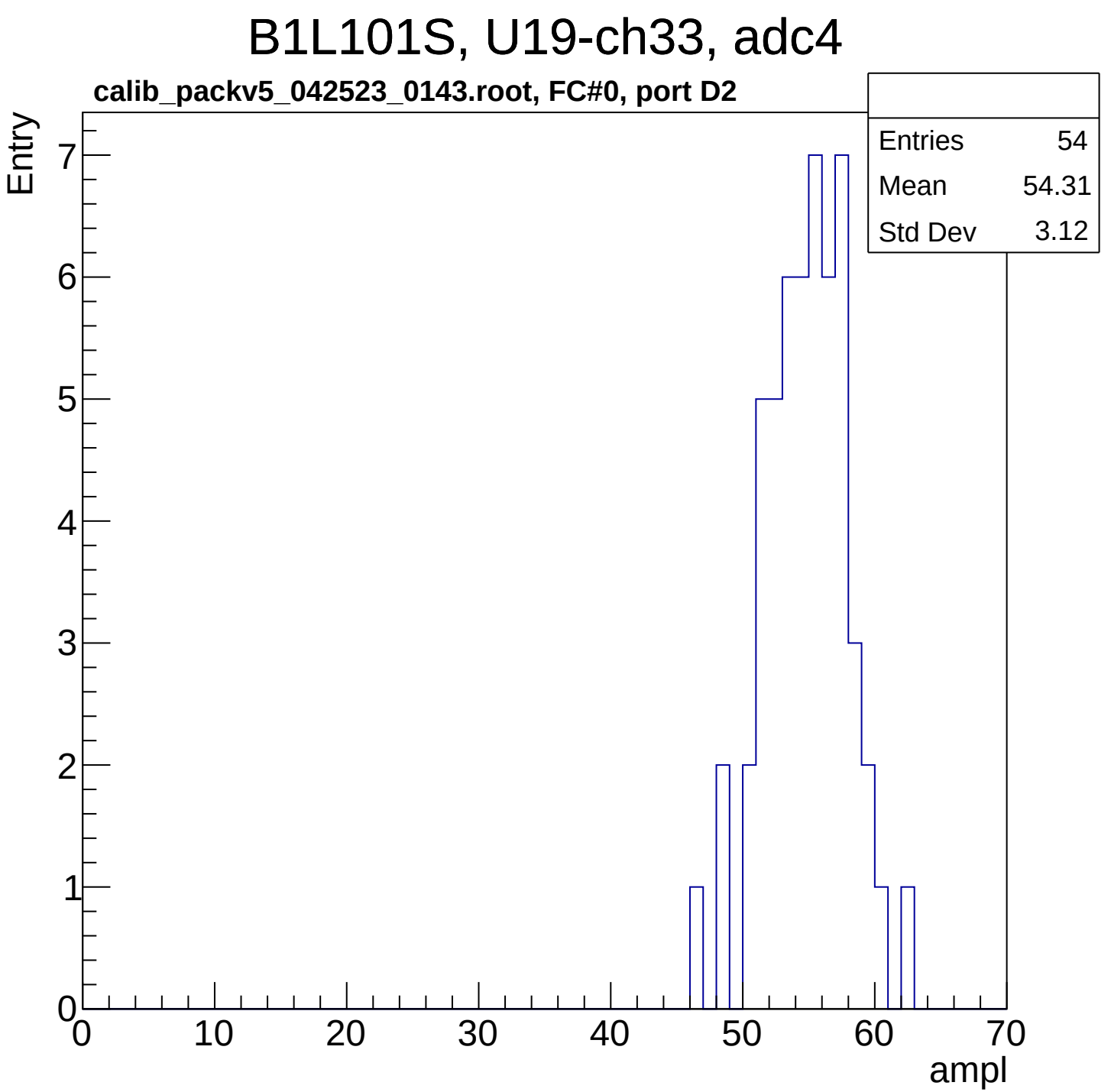

B1L101S, U19-ch32, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

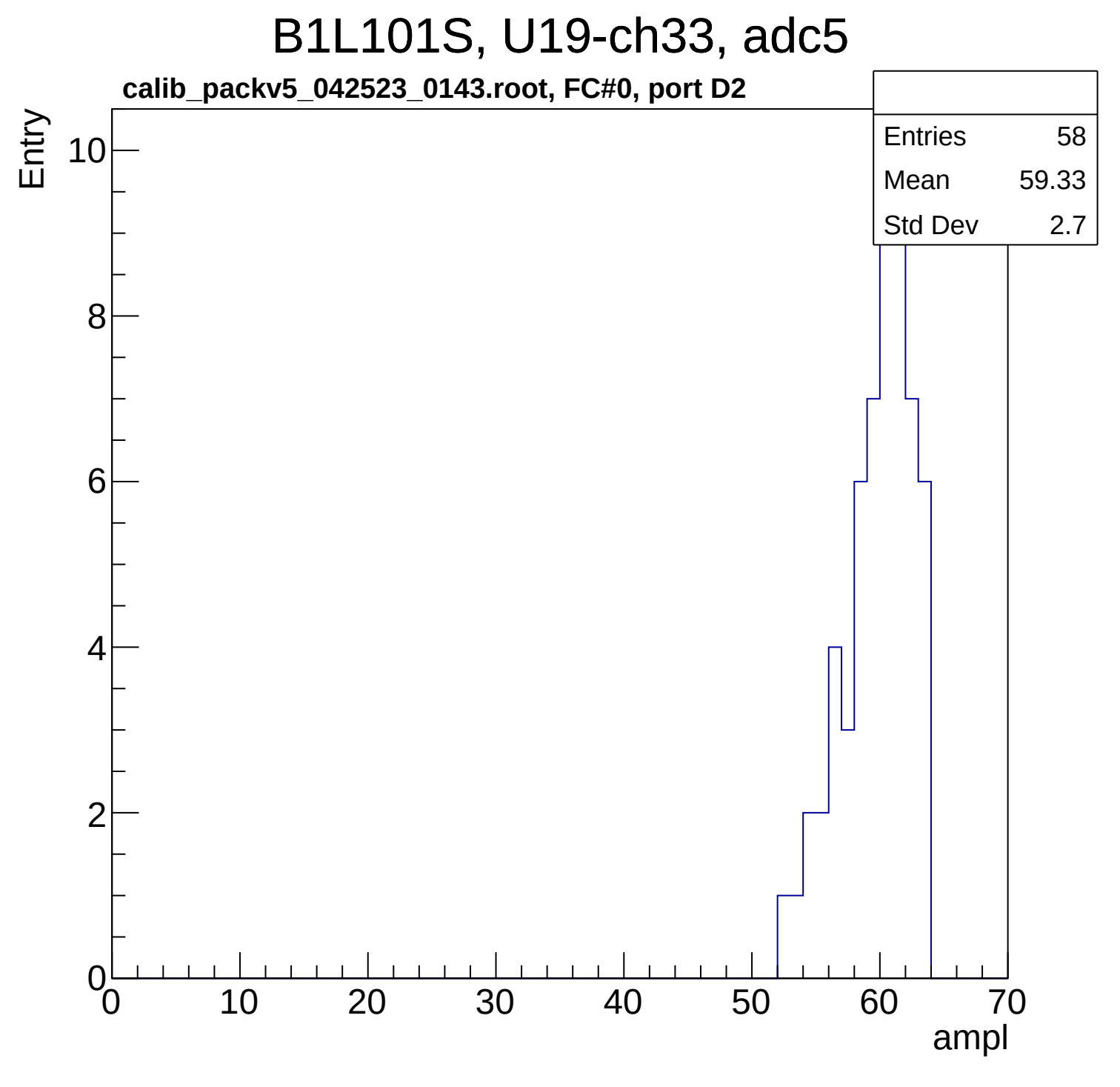

B1L101S, U19-ch33, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 28.24
Std Dev 4.556
Gaus mean : 29.1265
Gaus Width: 3.4498
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

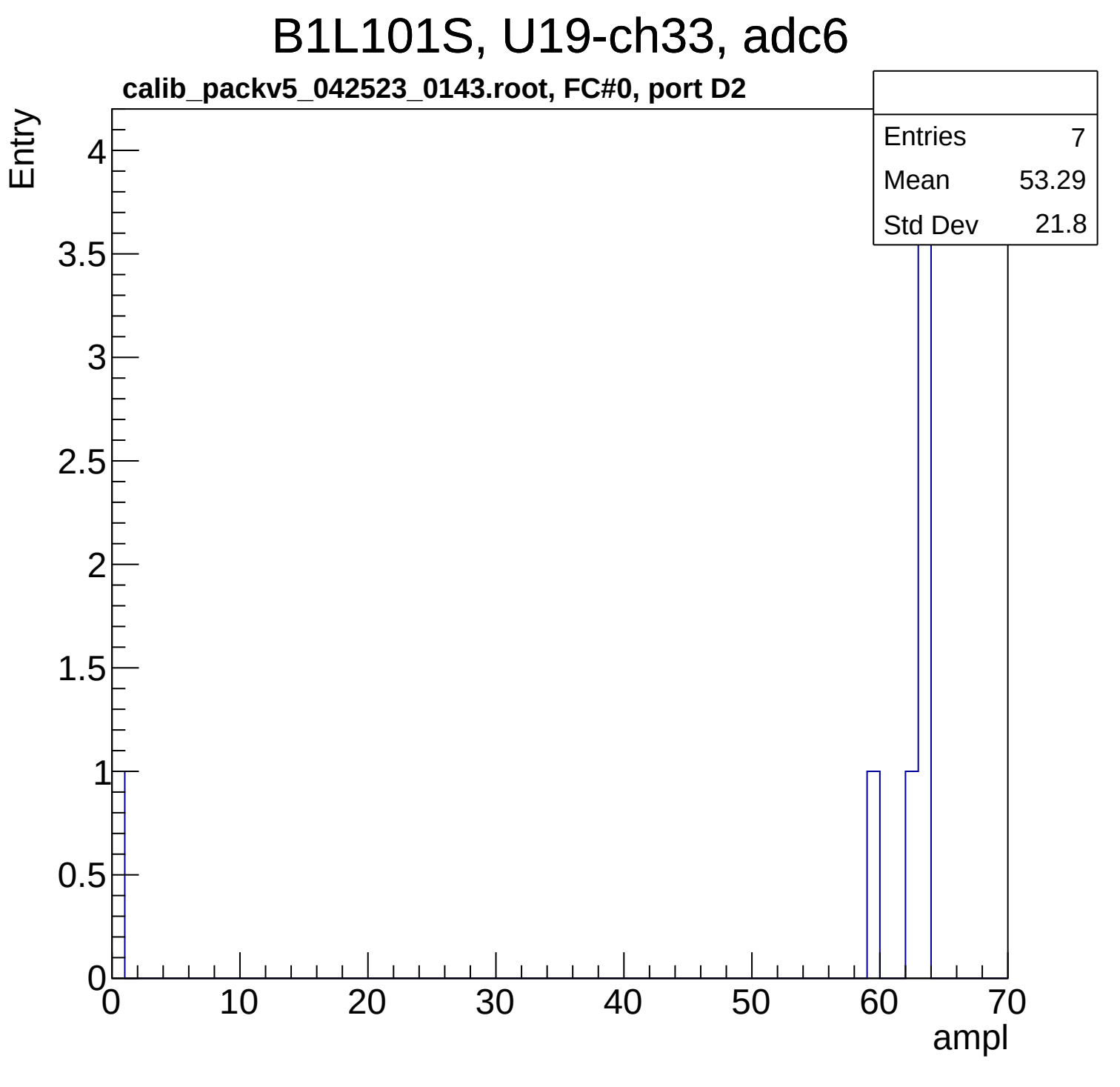

B1L101S, U19-ch33, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 35.67
Std Dev 3.096
Gaus mean : 36.3373
Gaus Width: 3.2486
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch33, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 42.63
Std Dev 3.086
Gaus mean : 43.1106
Gaus Width: 3.0821
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch33, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 48.86
Std Dev 3.008
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch33, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 54.31
Std Dev 3.12
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch33, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 59.33
Std Dev 2.7
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch33, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 53.29
Std Dev 21.8
Entry
ampl
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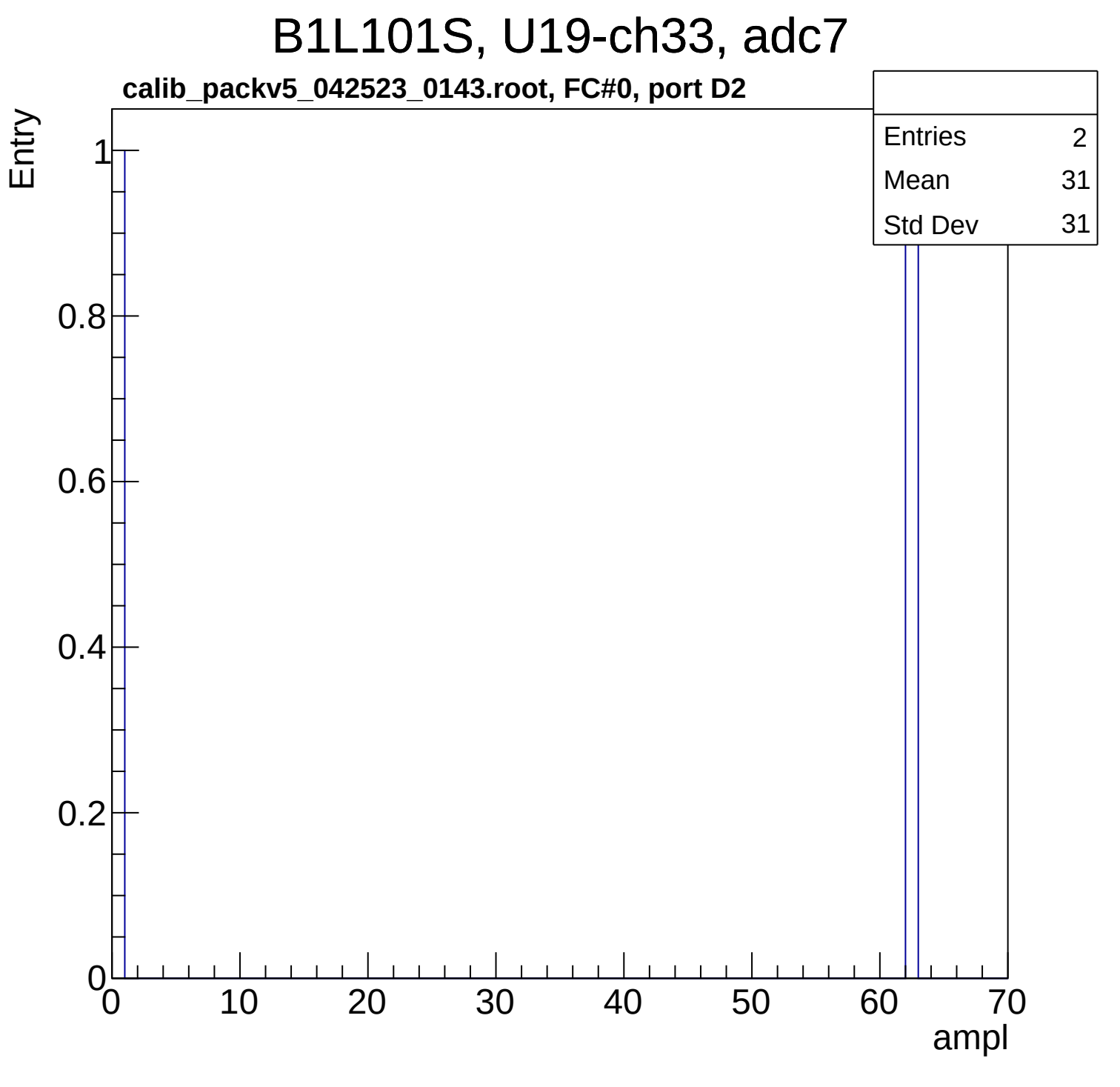
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch33, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 31
Std Dev 31
Entry
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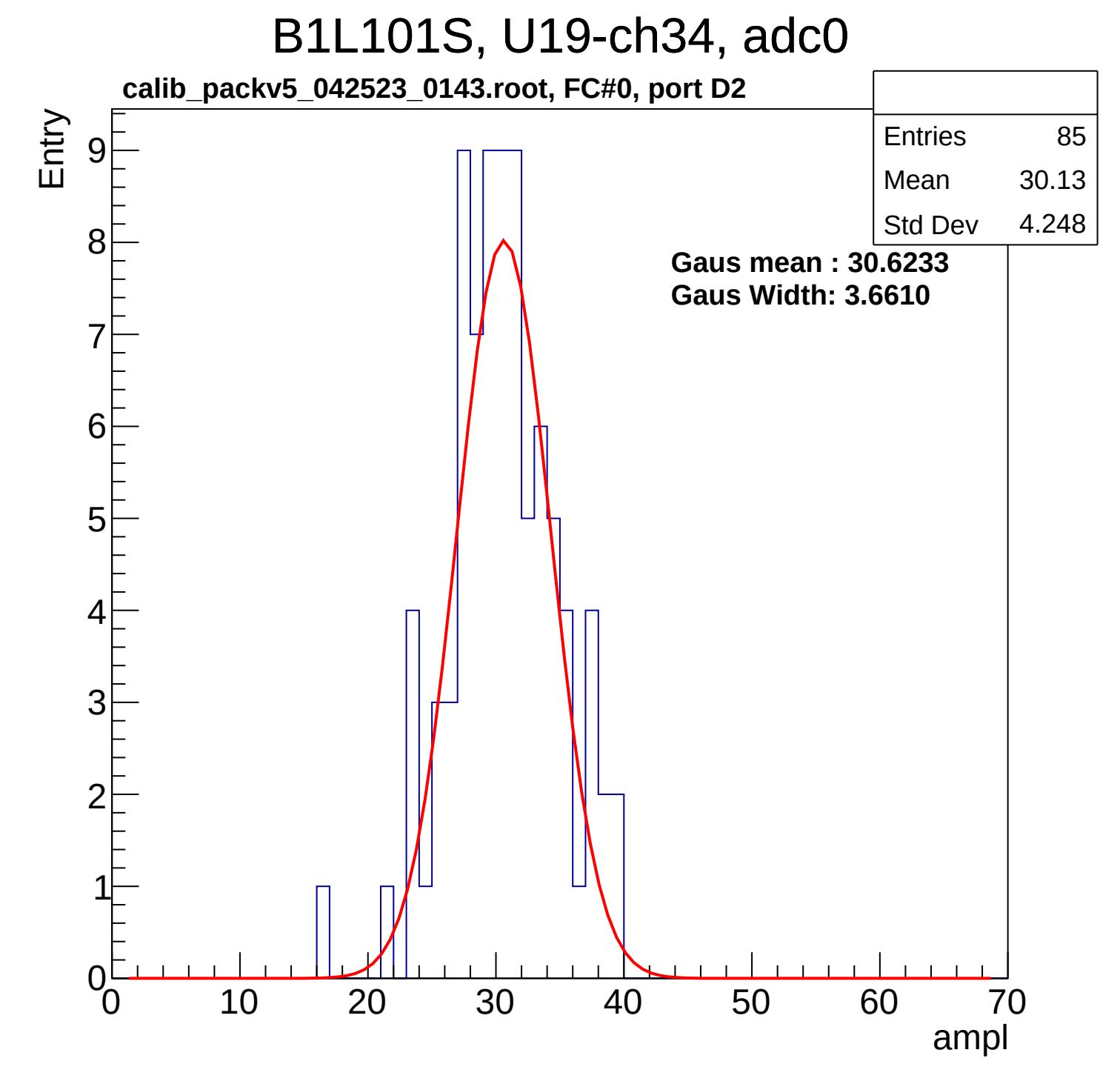
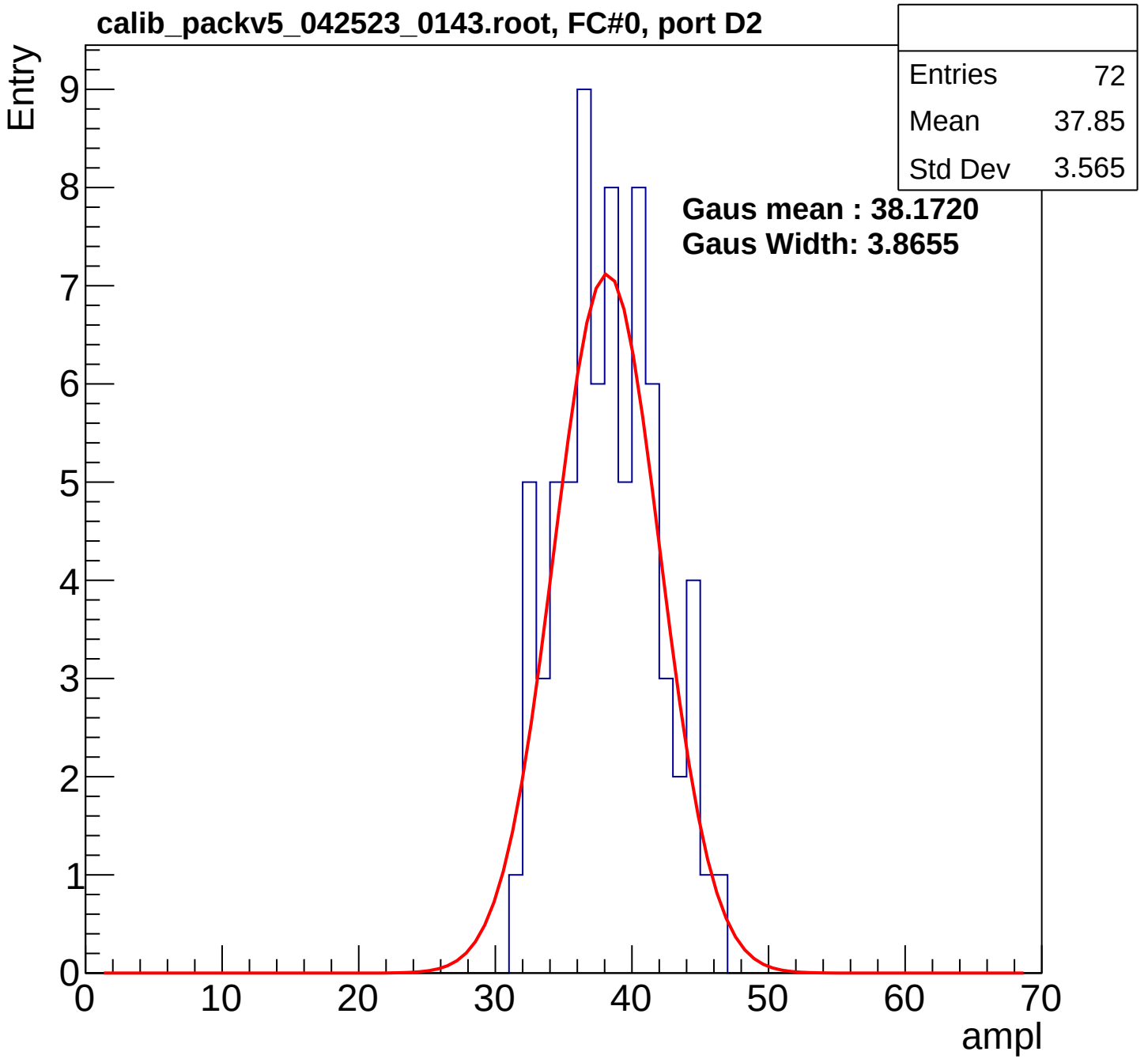
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch34, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 30.13
Std Dev 4.248
Gaus mean : 30.6233
Gaus Width: 3.6610
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch34, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 37.85
Std Dev 3.565
Gaus mean : 38.1720
Gaus Width: 3.8655
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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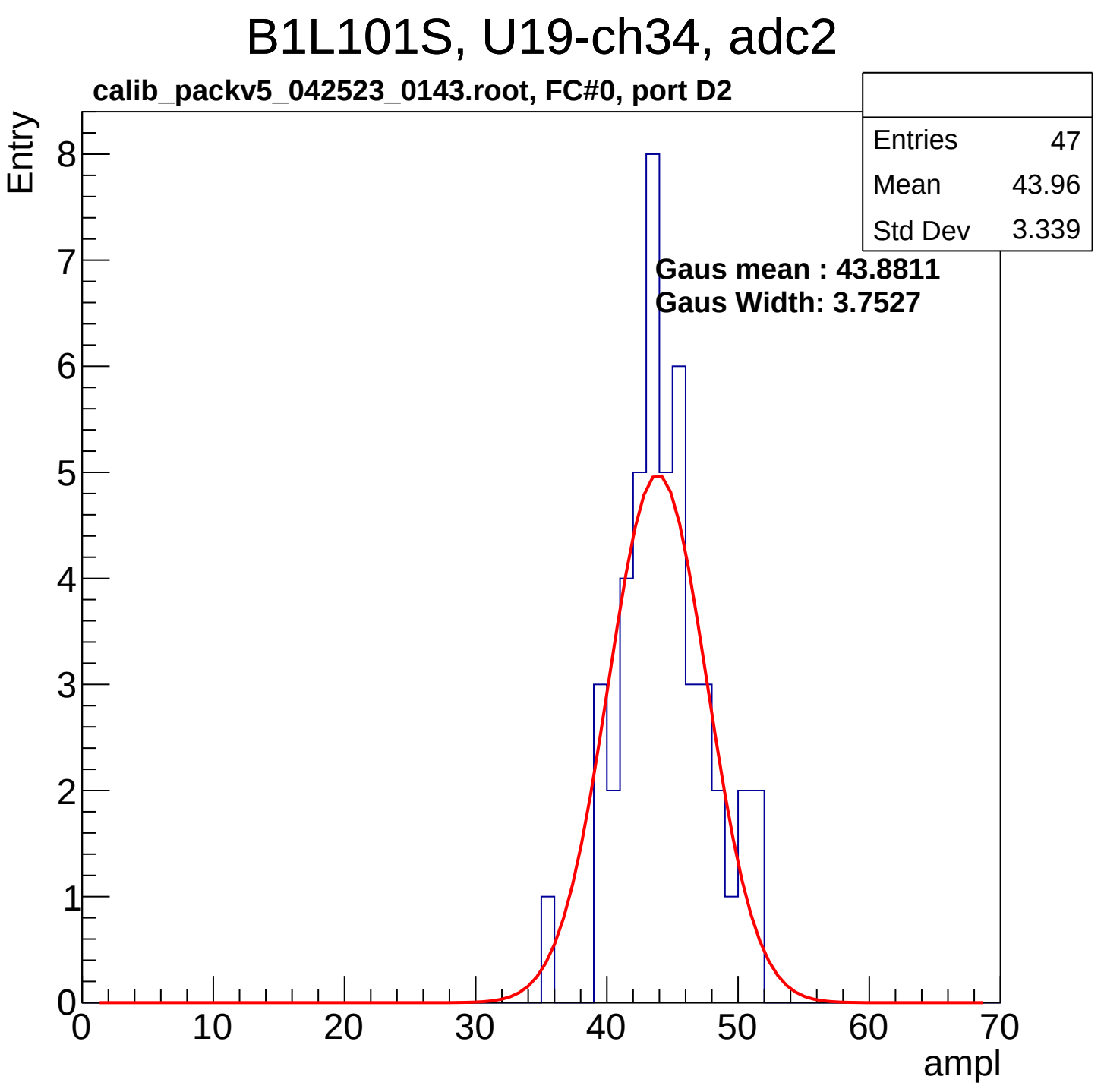
B1L101S, U19-ch34, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 43.96
Std Dev 3.339
Gaus mean : 43.8811
Gaus Width: 3.7527
Entry
ampl
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1
2
3
4
5
6
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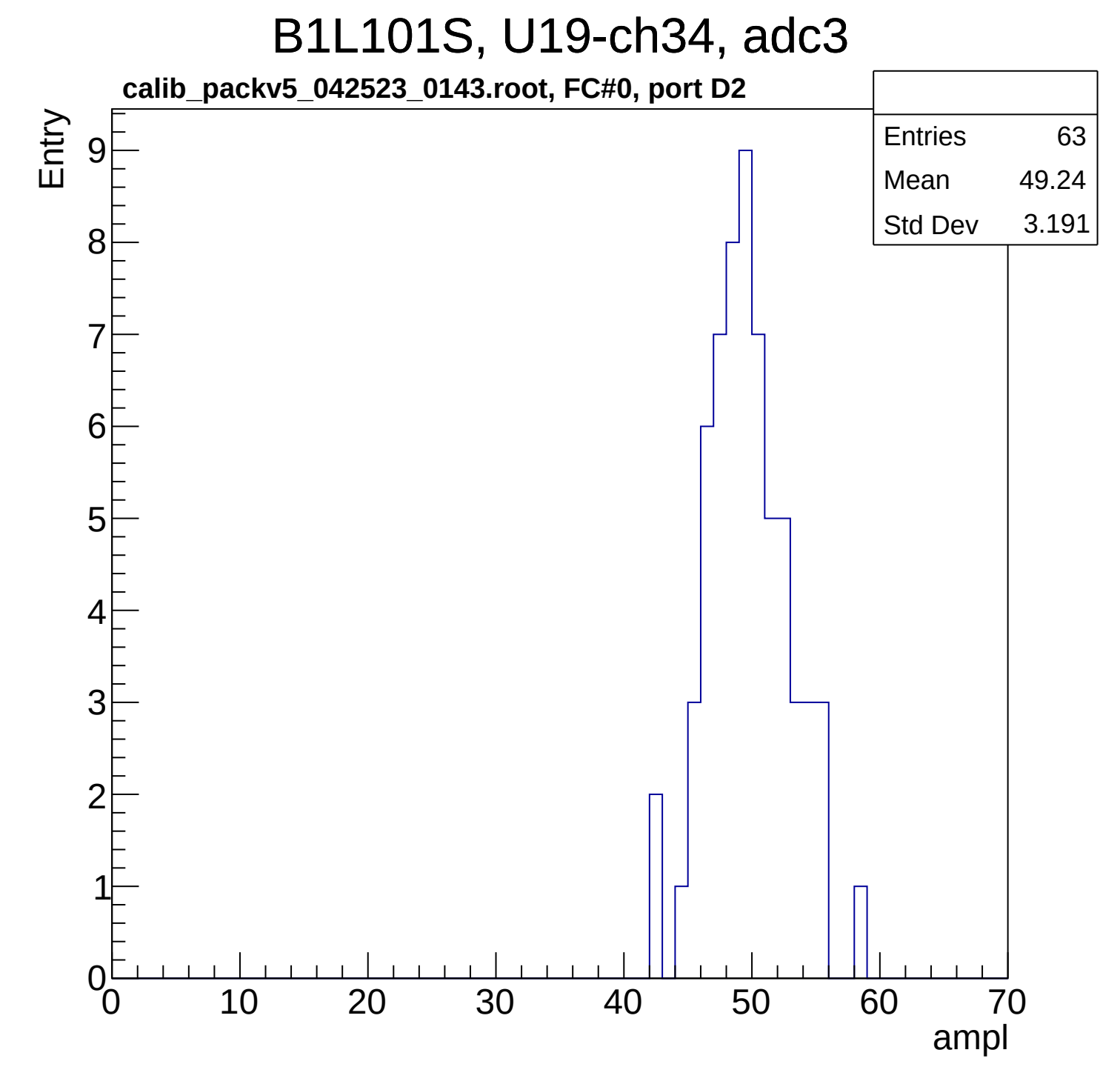
B1L101S, U19-ch34, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 49.24
Std Dev 3.191
Entry
ampl
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3
4
5
6
7
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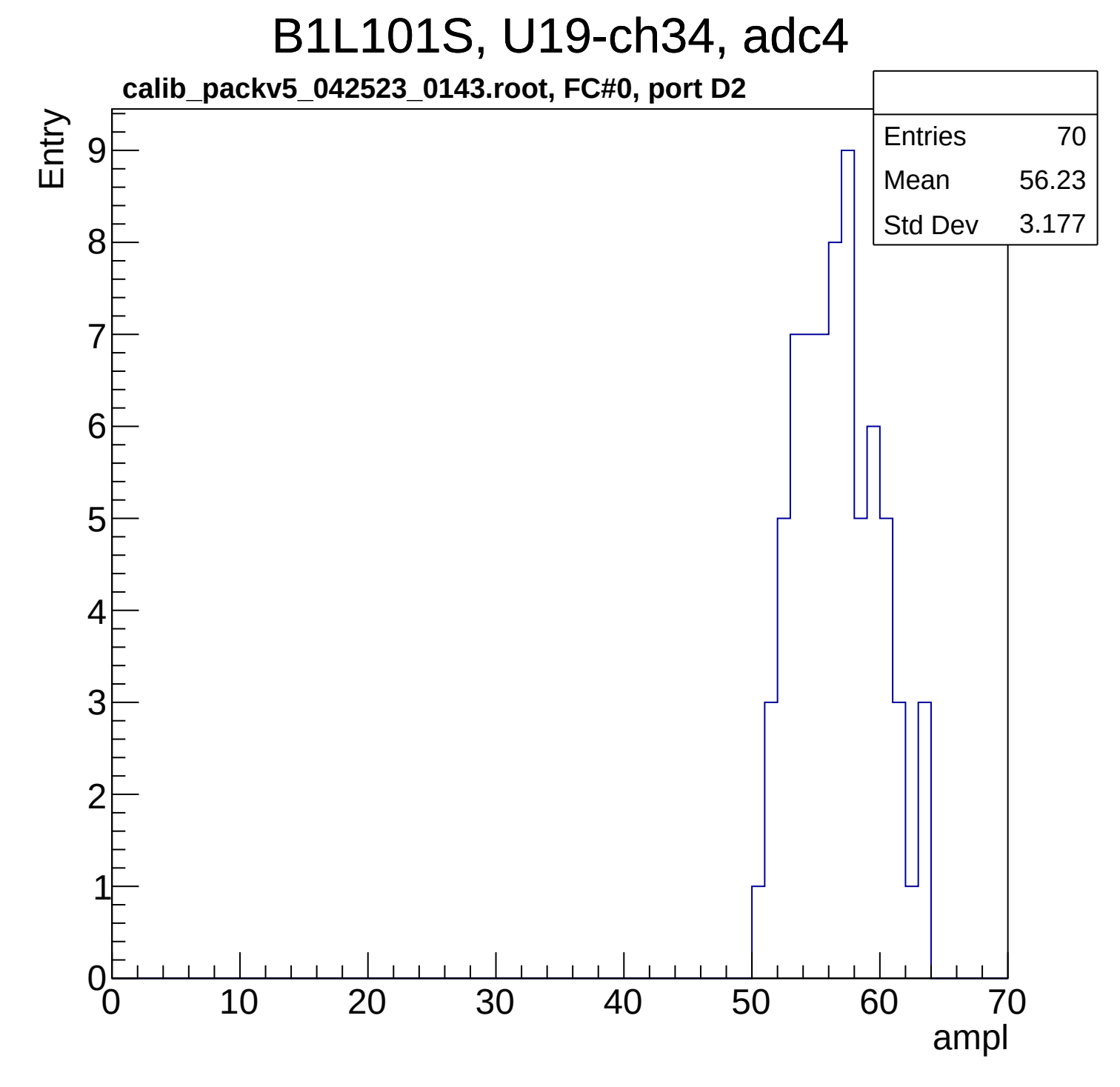
B1L101S, U19-ch34, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 56.23
Std Dev 3.177
Entry
ampl
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2
3
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20
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40
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60
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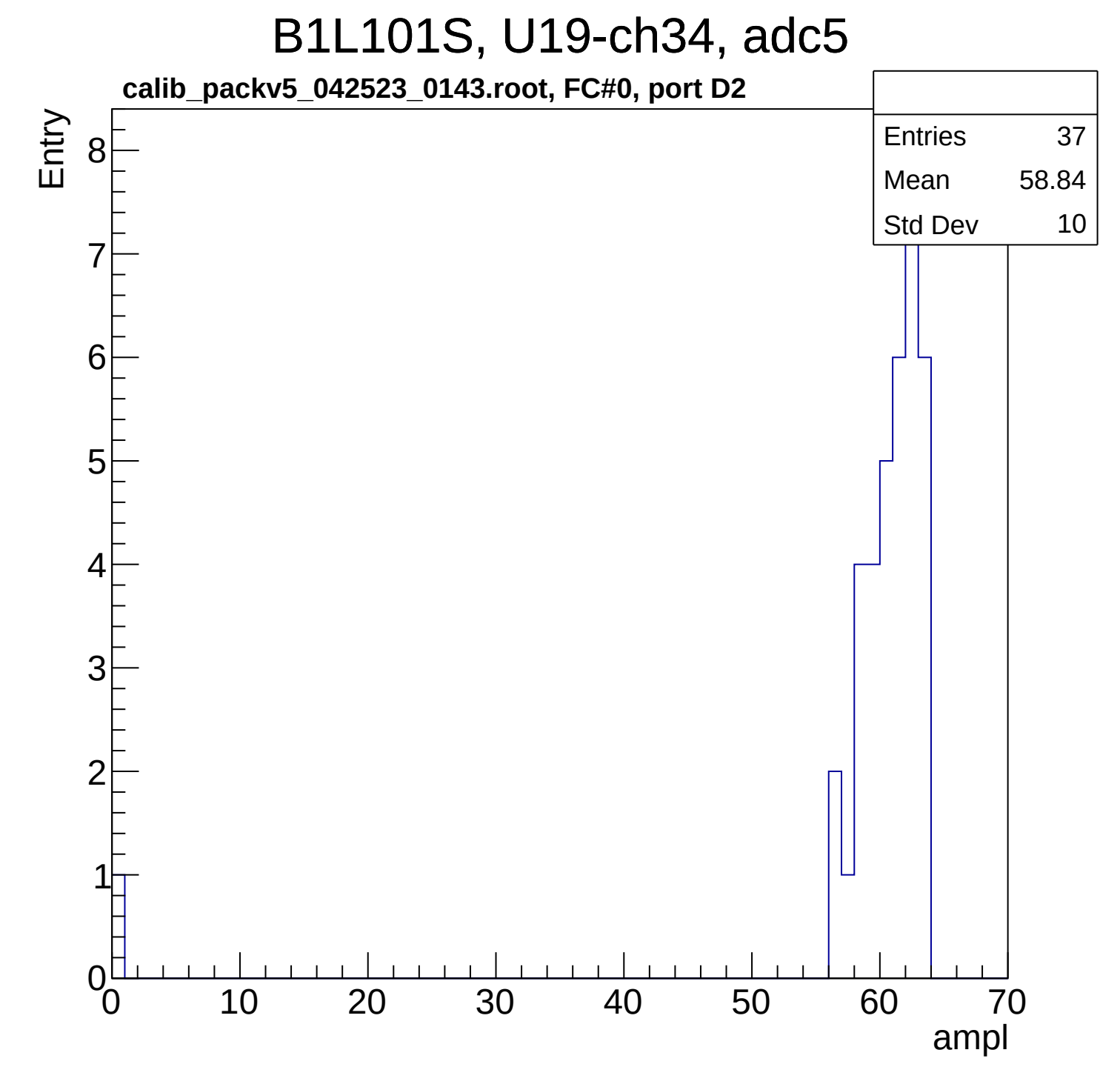
B1L101S, U19-ch34, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 58.84
Std Dev 10
Entry
ampl
0
1
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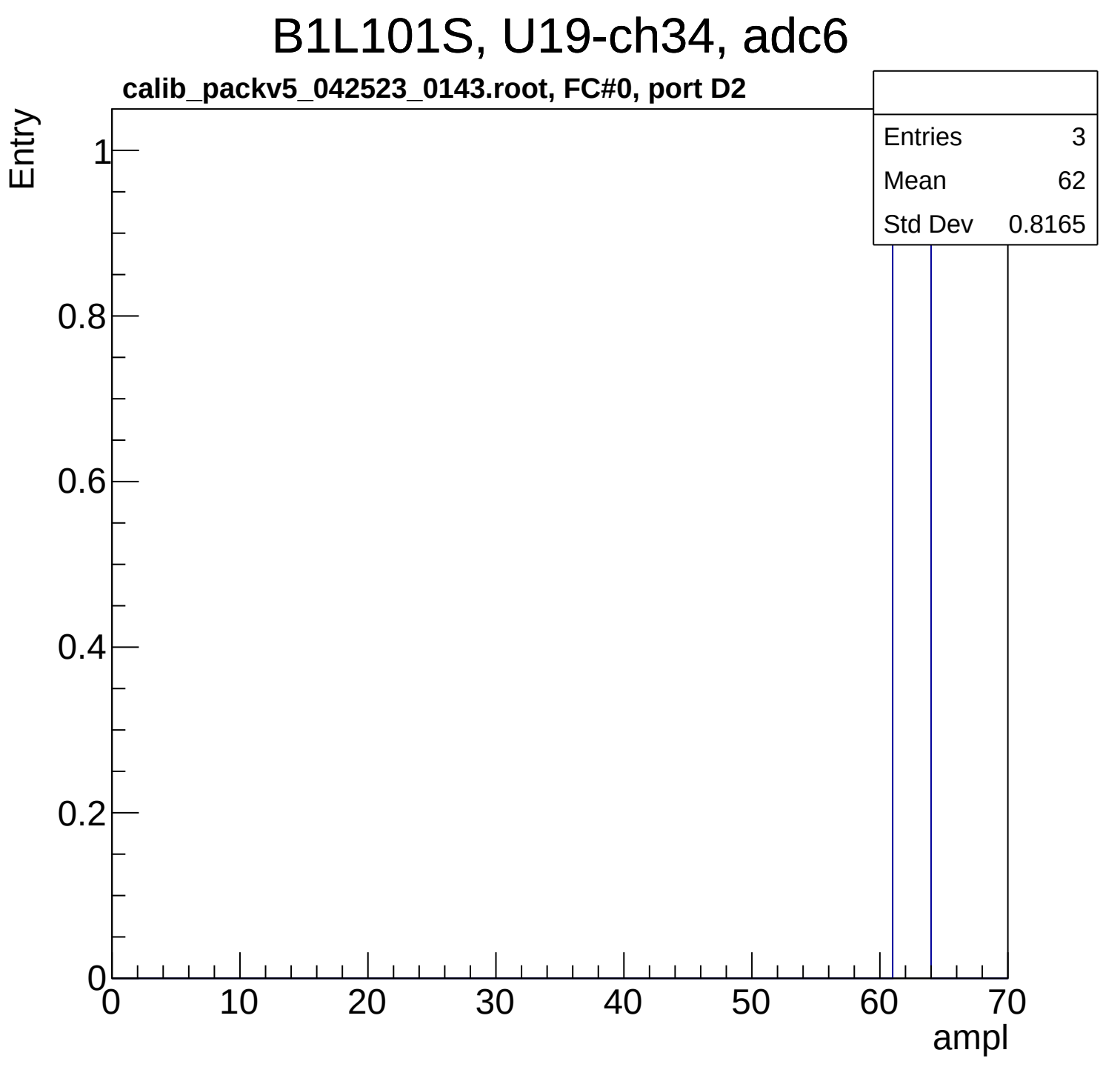
B1L101S, U19-ch34, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62
Std Dev 0.8165
Entry
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0.4
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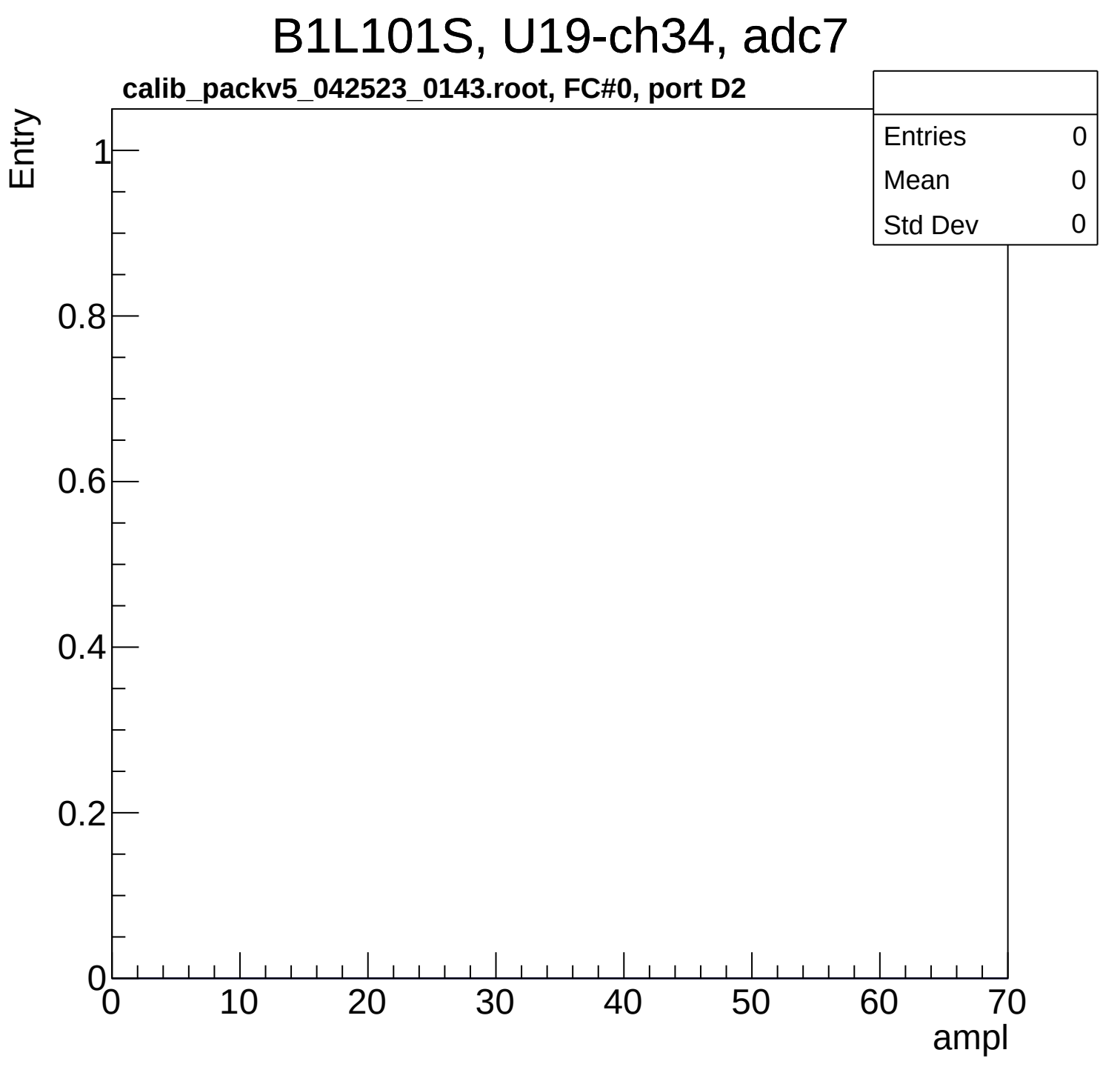
ampl


B1L101S, U19-ch34, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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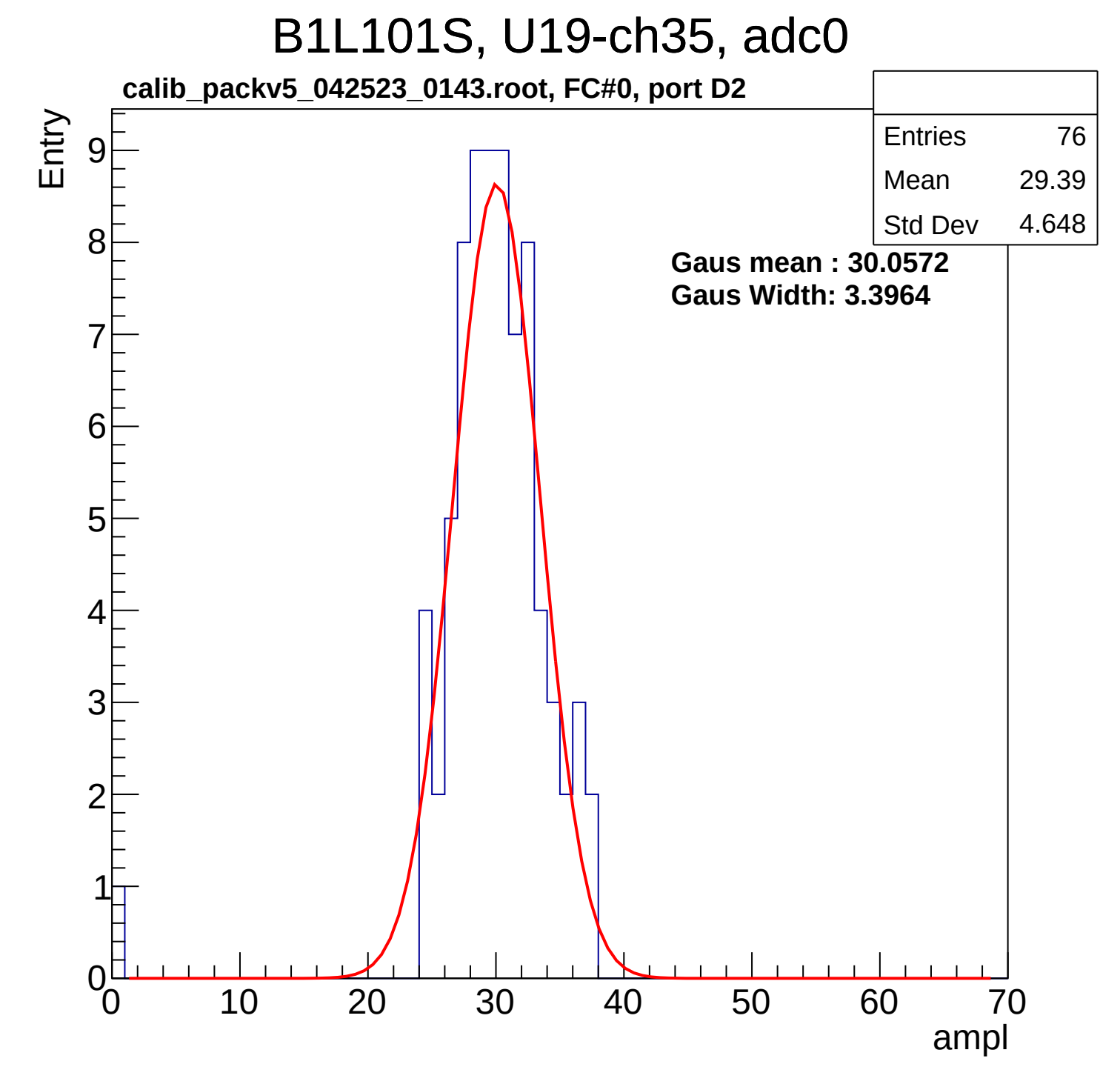
ampl


B1L101S, U19-ch35, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 29.39
Std Dev 4.648
Gaus mean : 30.0572
Gaus Width: 3.3964
Entry
ampl
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2
3
4
5
6
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0
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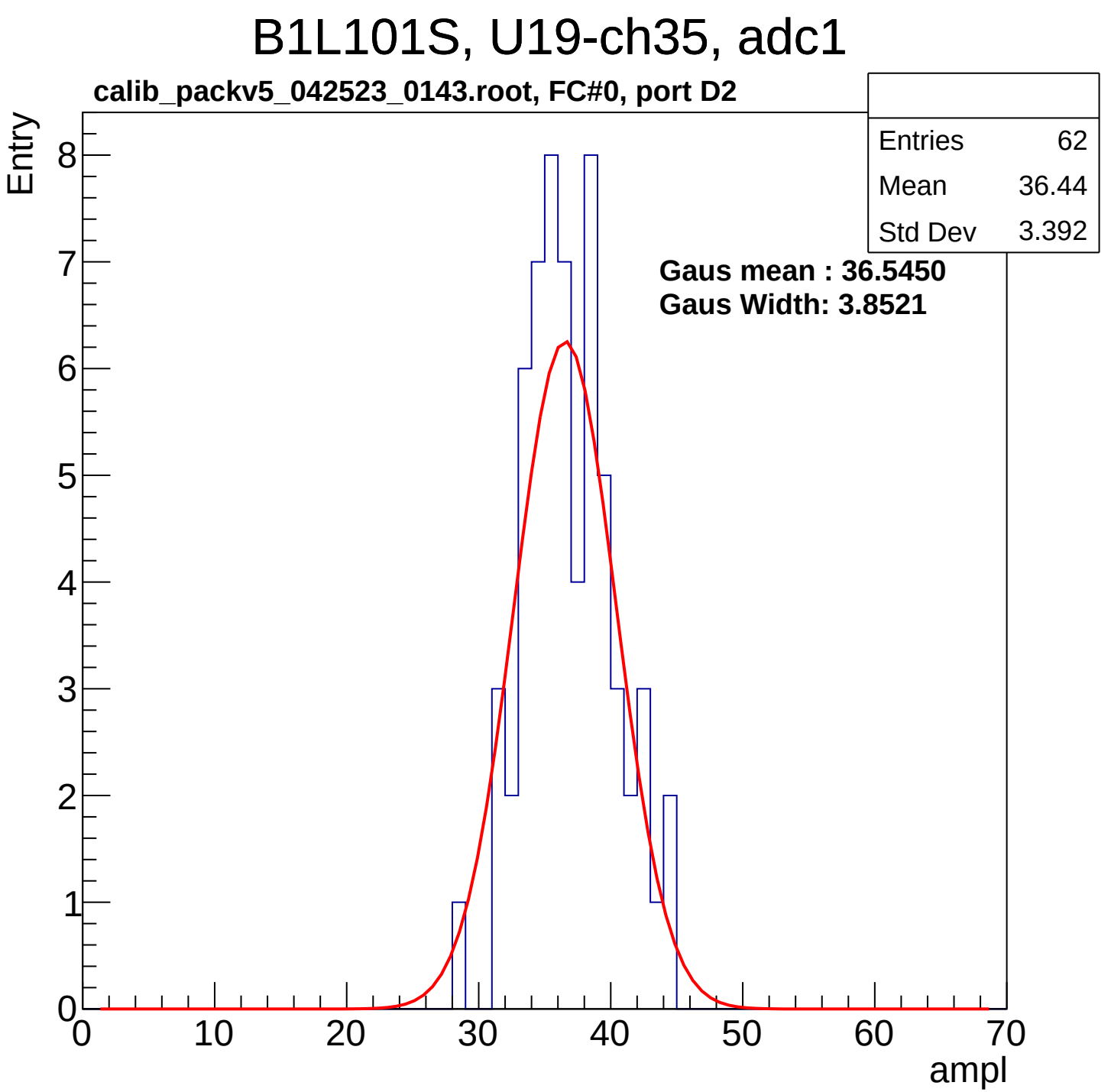
B1L101S, U19-ch35, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 36.44
Std Dev 3.392
Gaus mean : 36.5450
Gaus Width: 3.8521
Entry
ampl
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1
2
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4
5
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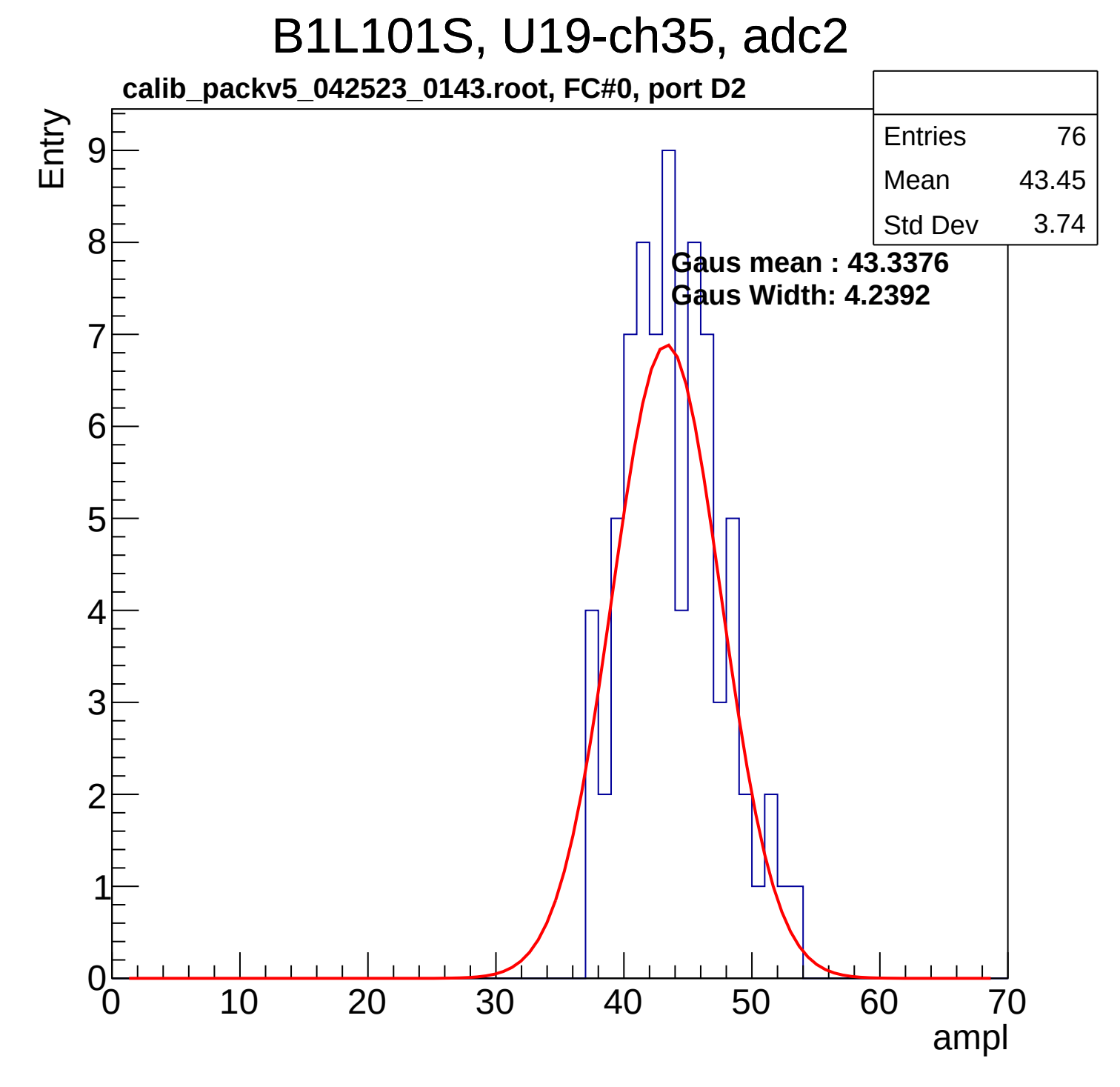
B1L101S, U19-ch35, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 43.45
Std Dev 3.74
Gaus mean : 43.3376
Gaus Width: 4.2392
Entry
ampl
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2
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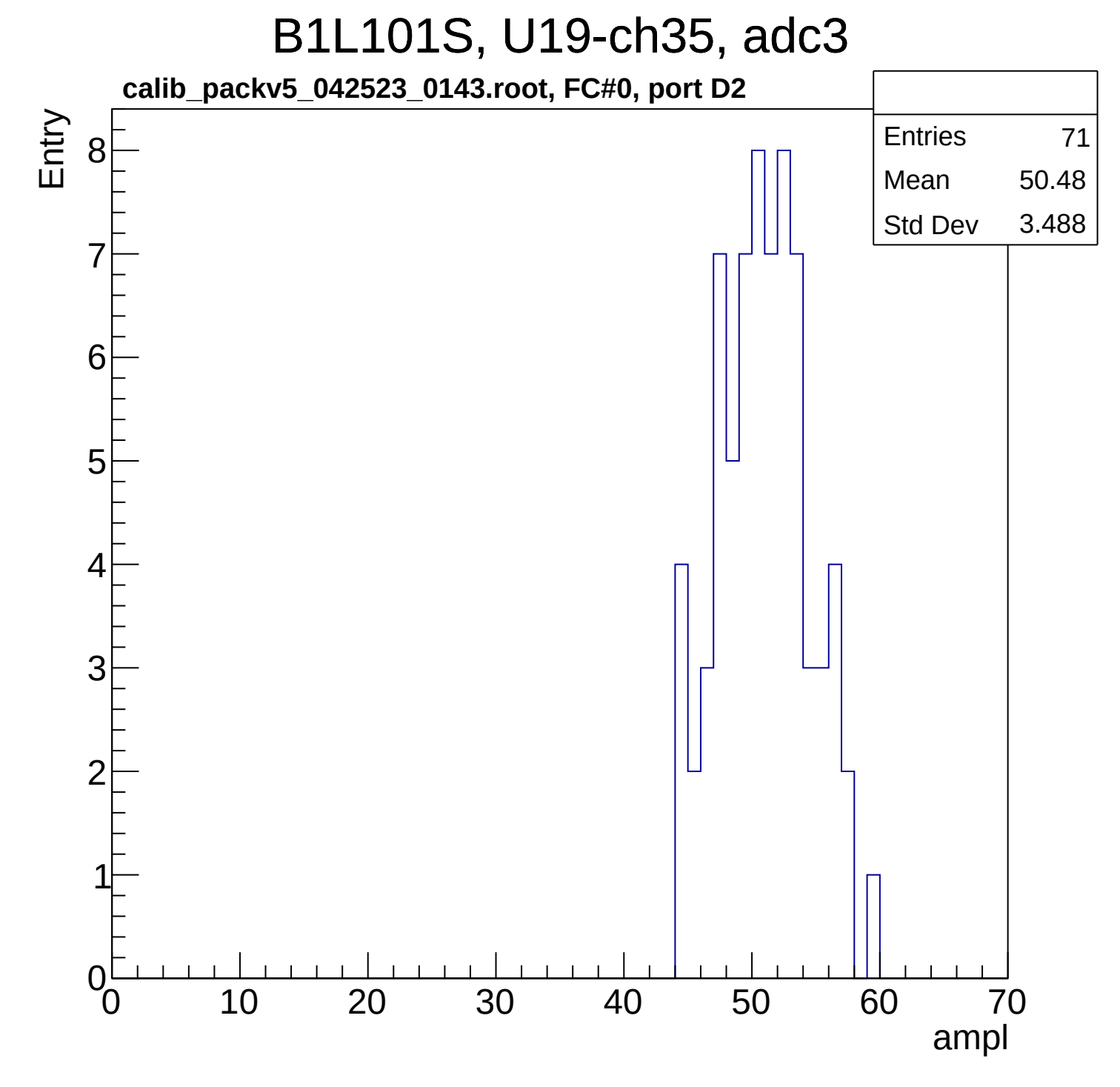
B1L101S, U19-ch35, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 50.48
Std Dev 3.488
Entry
ampl
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1
2
3
4
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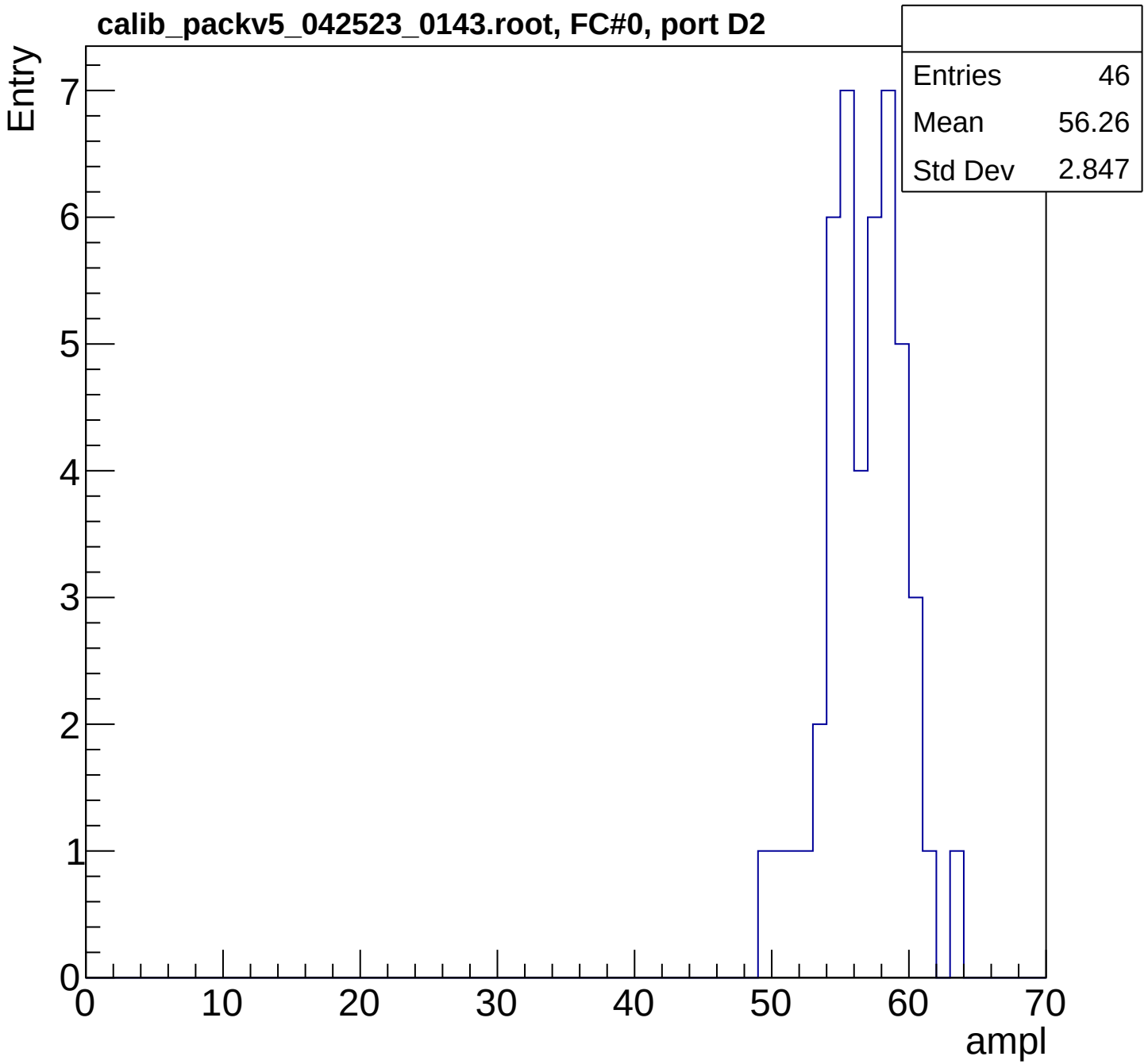
B1L101S, U19-ch35, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 56.26
Std Dev 2.847
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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60
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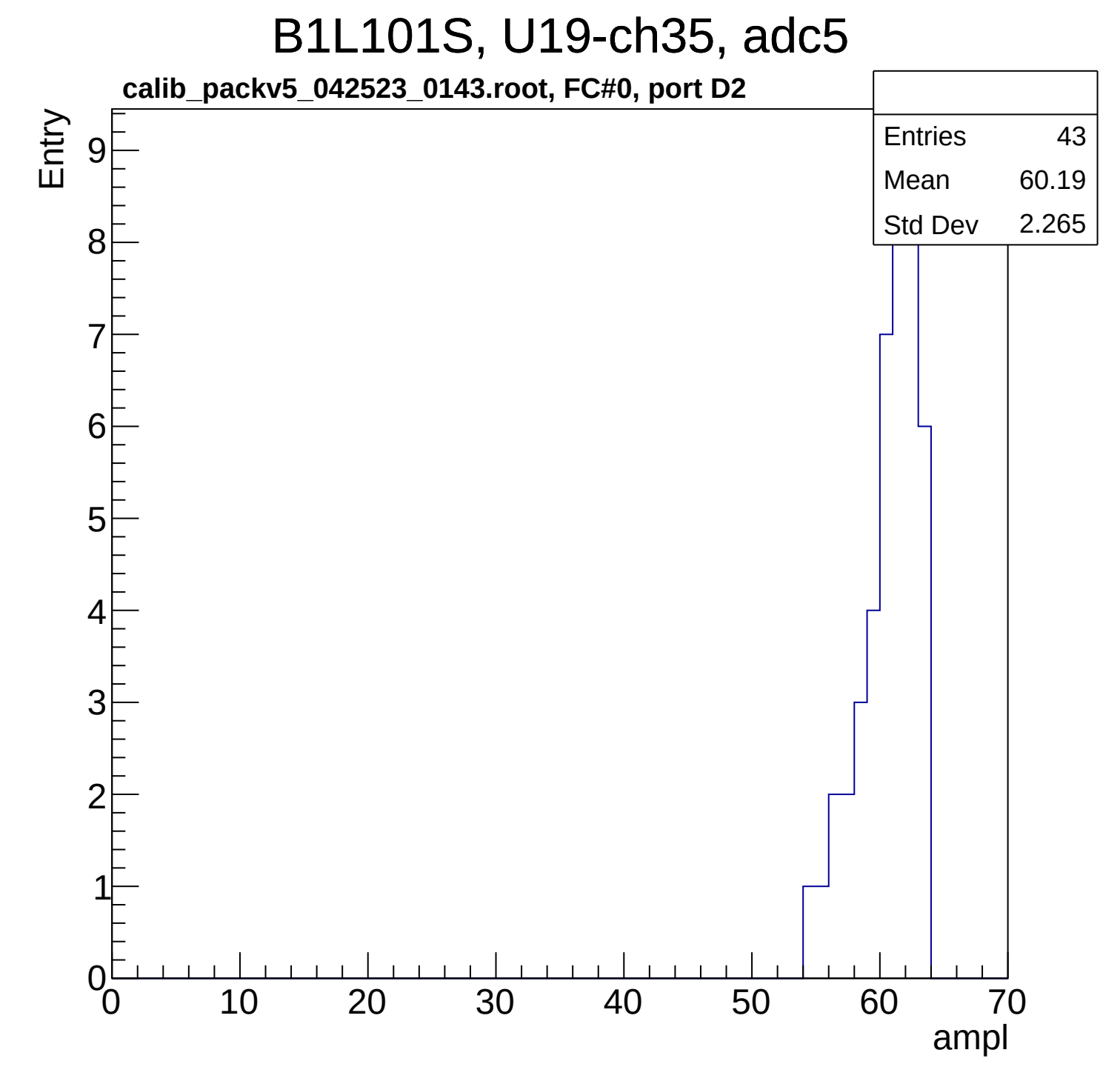
B1L101S, U19-ch35, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 60.19
Std Dev 2.265
Entry
ampl
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3
4
5
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0
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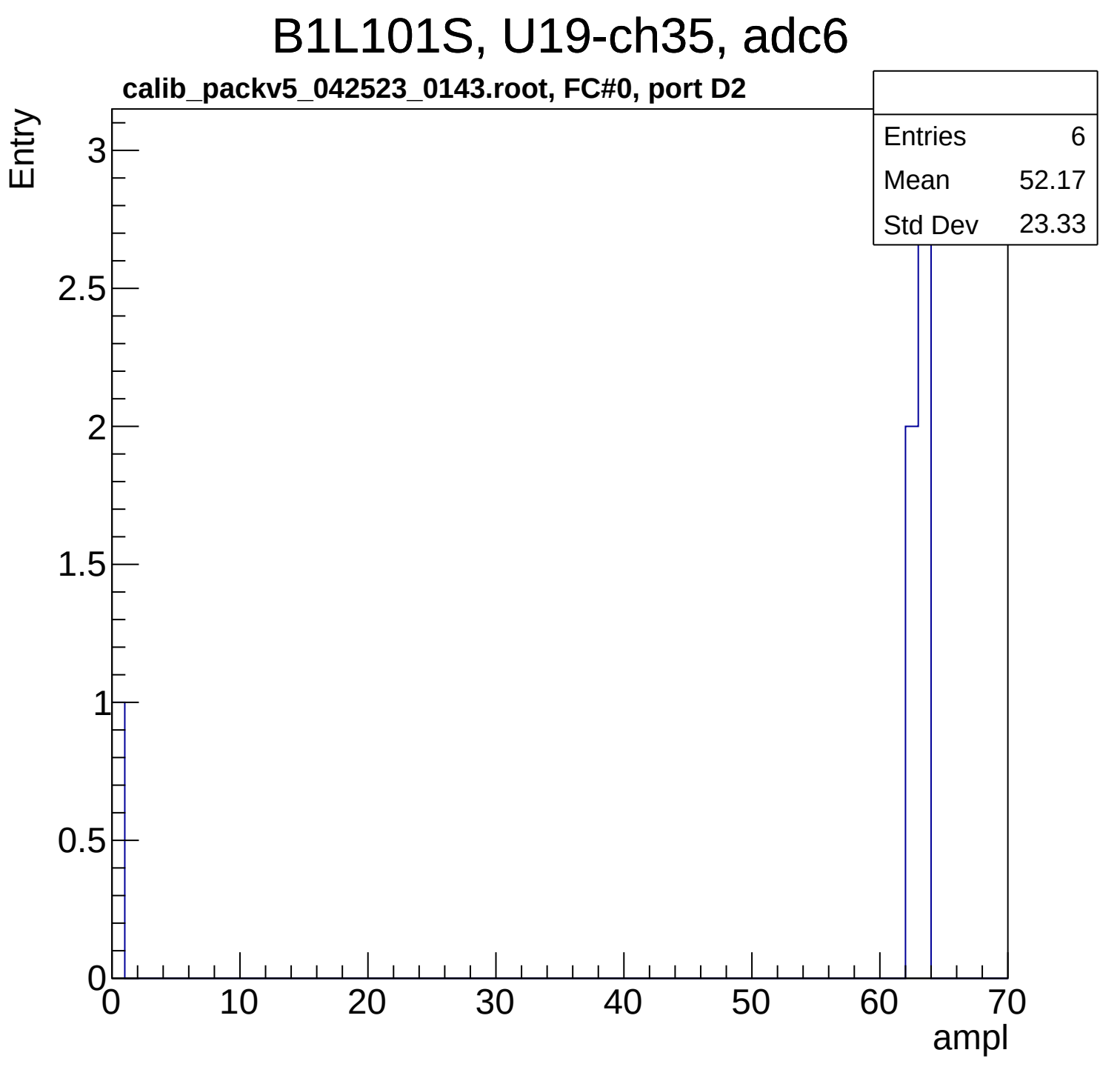
B1L101S, U19-ch35, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 52.17
Std Dev 23.33
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
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40
50
60
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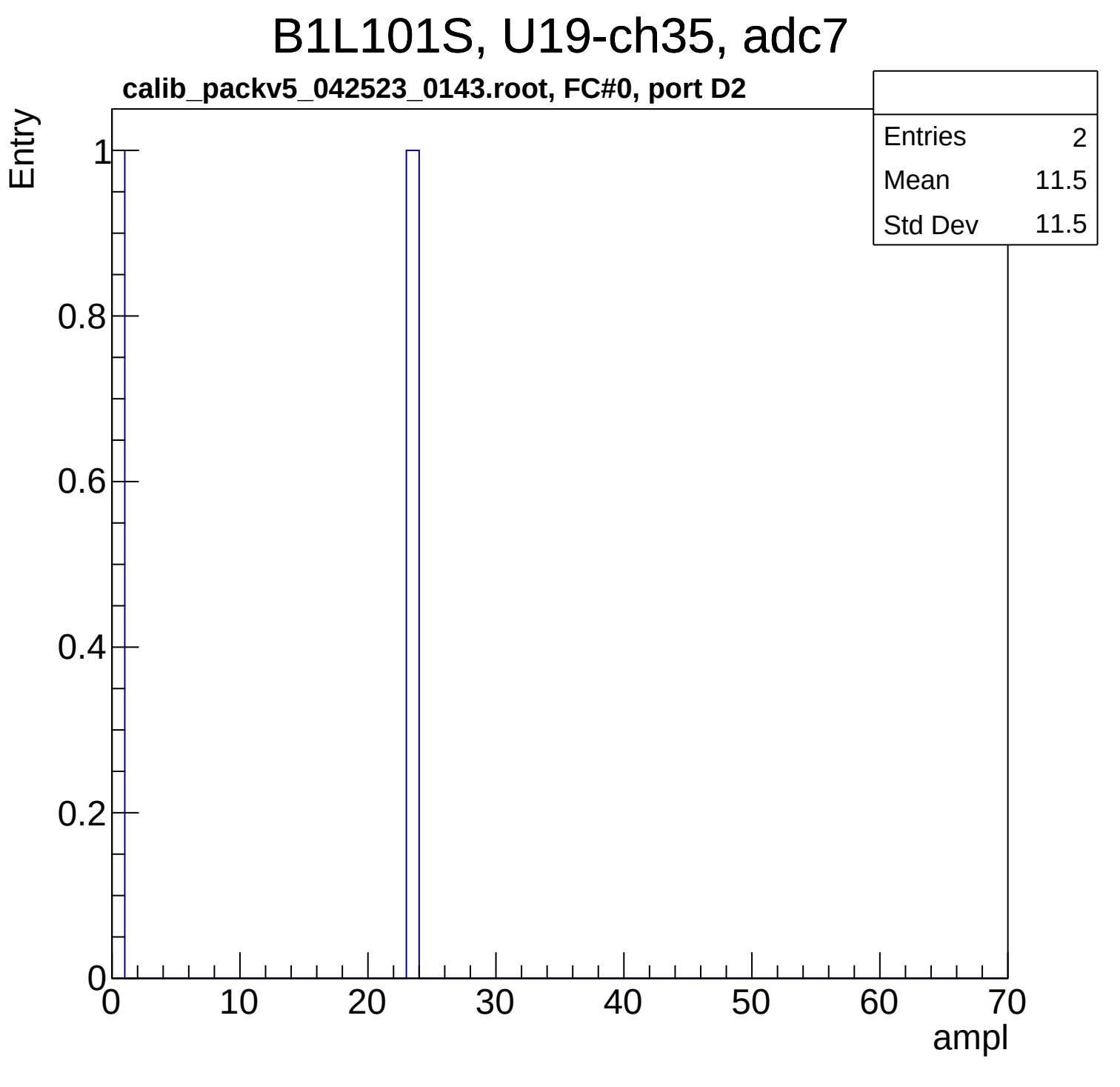
B1L101S, U19-ch35, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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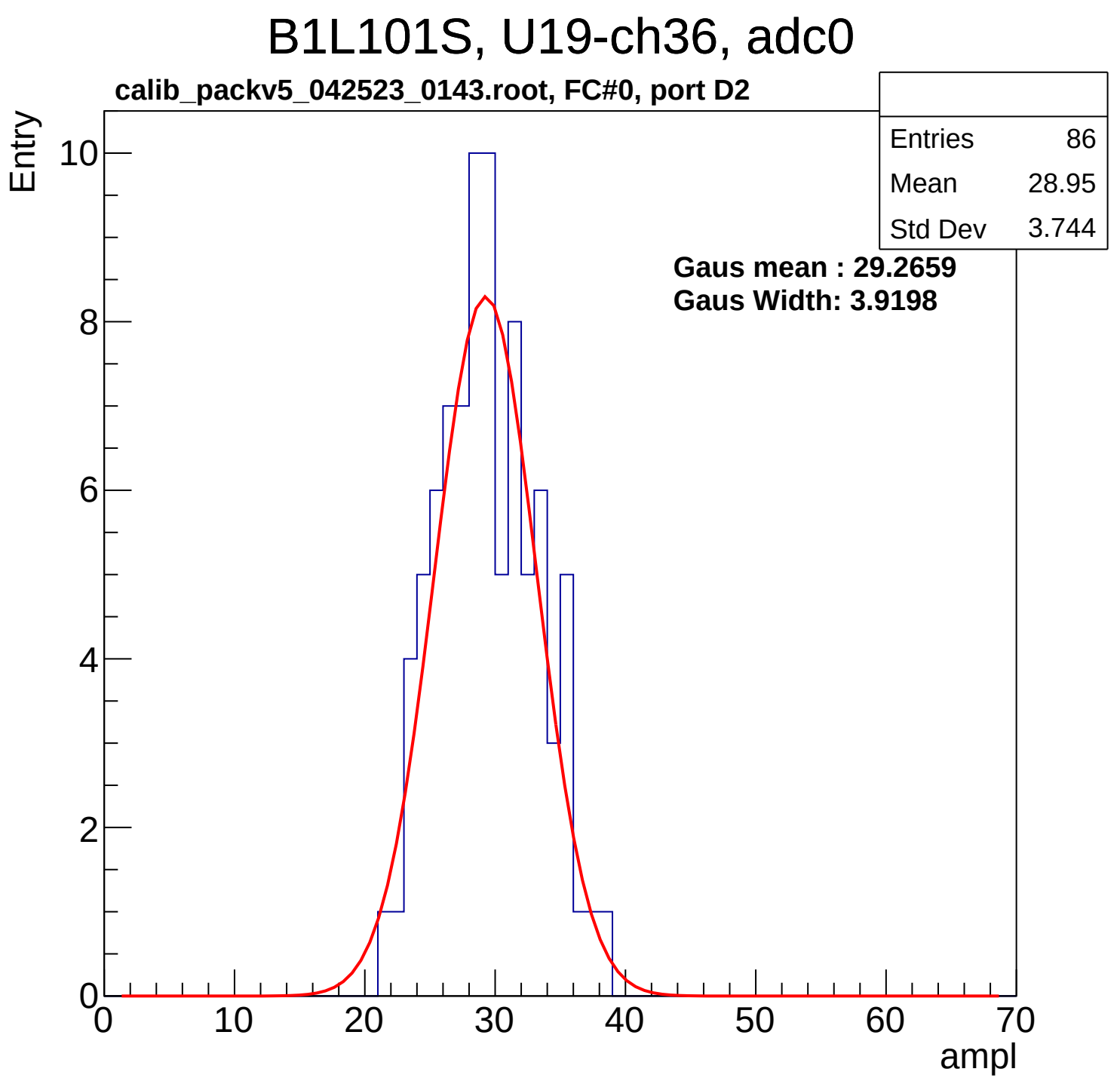
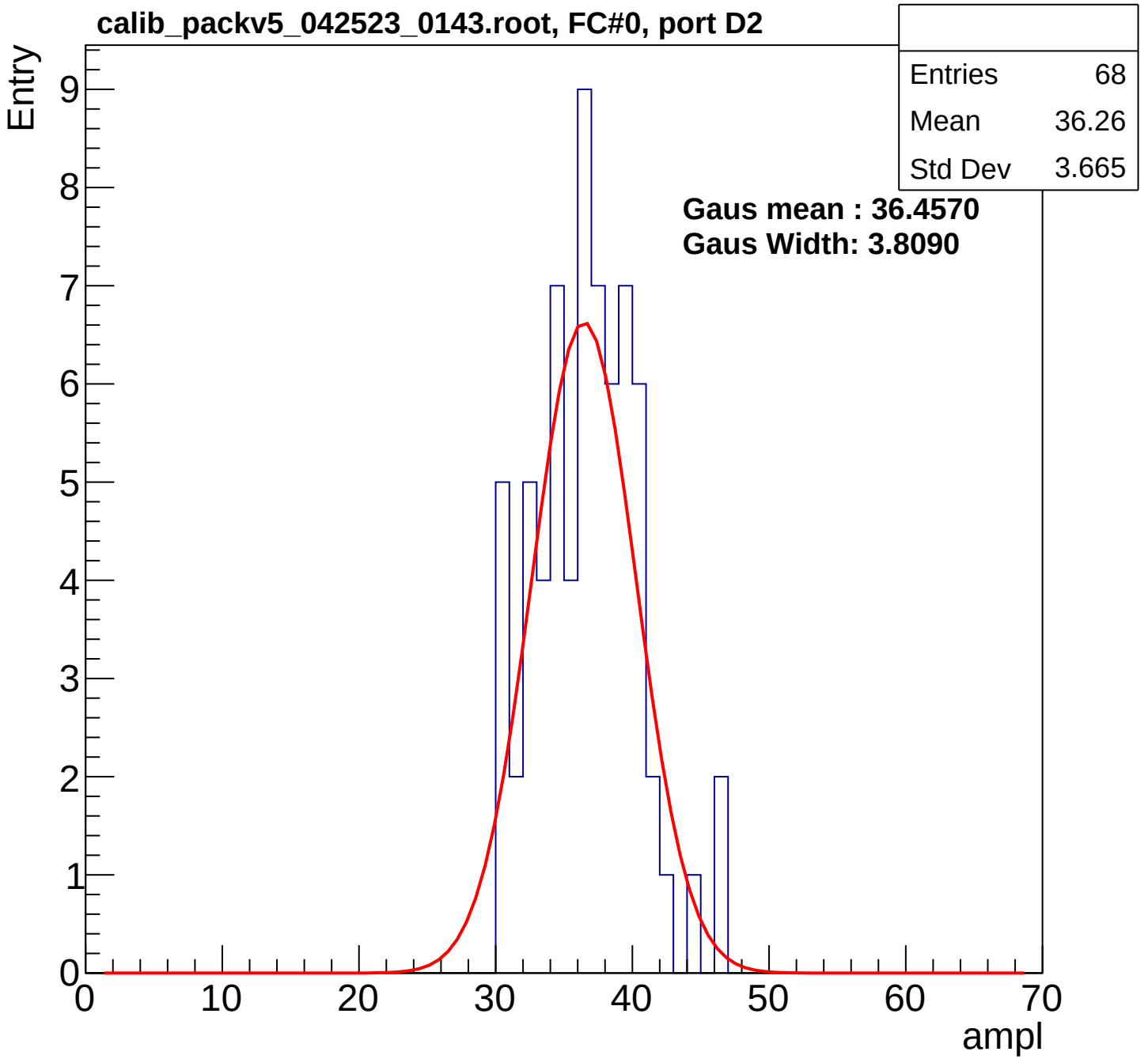
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch36, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 86
Mean 28.95
Std Dev 3.744
Gaus mean : 29.2659
Gaus Width: 3.9198
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch36, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 36.26
Std Dev 3.665
Gaus mean : 36.4570
Gaus Width: 3.8090
Entry
ampl
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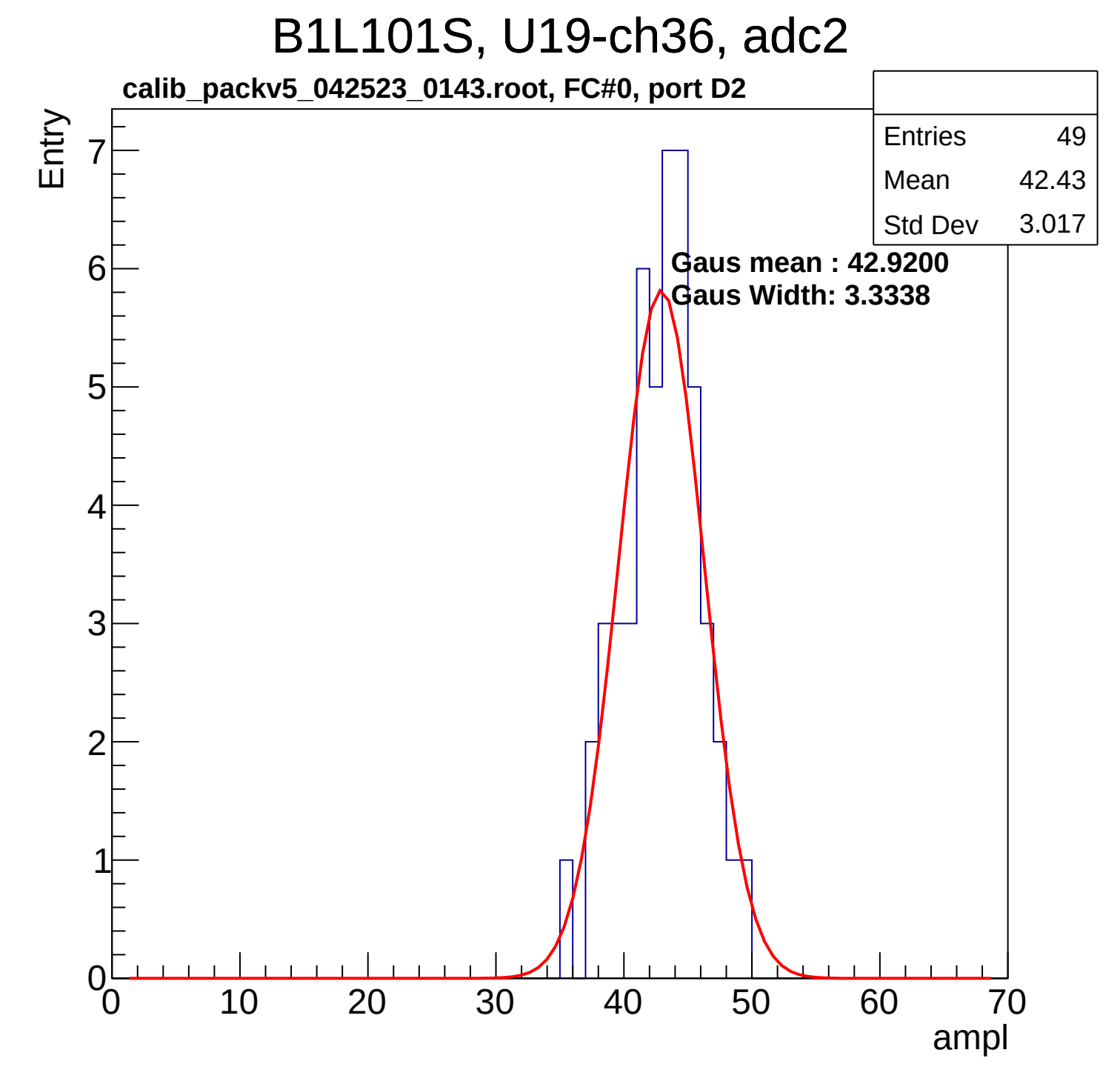
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch36, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 42.43
Std Dev 3.017
Gaus mean : 42.9200
Gaus Width: 3.3338
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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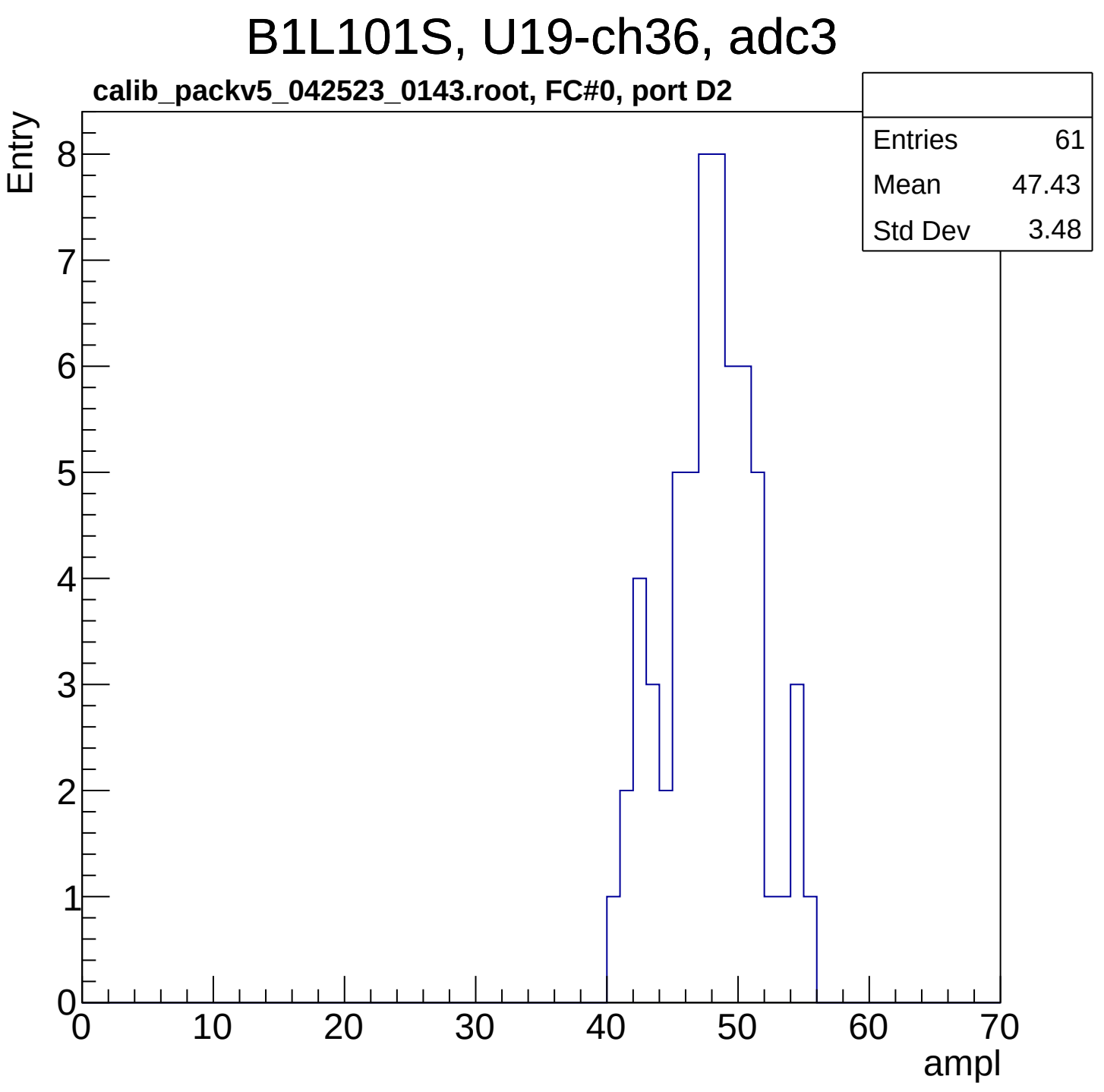
B1L101S, U19-ch36, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 47.43
Std Dev 3.48
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
50
60
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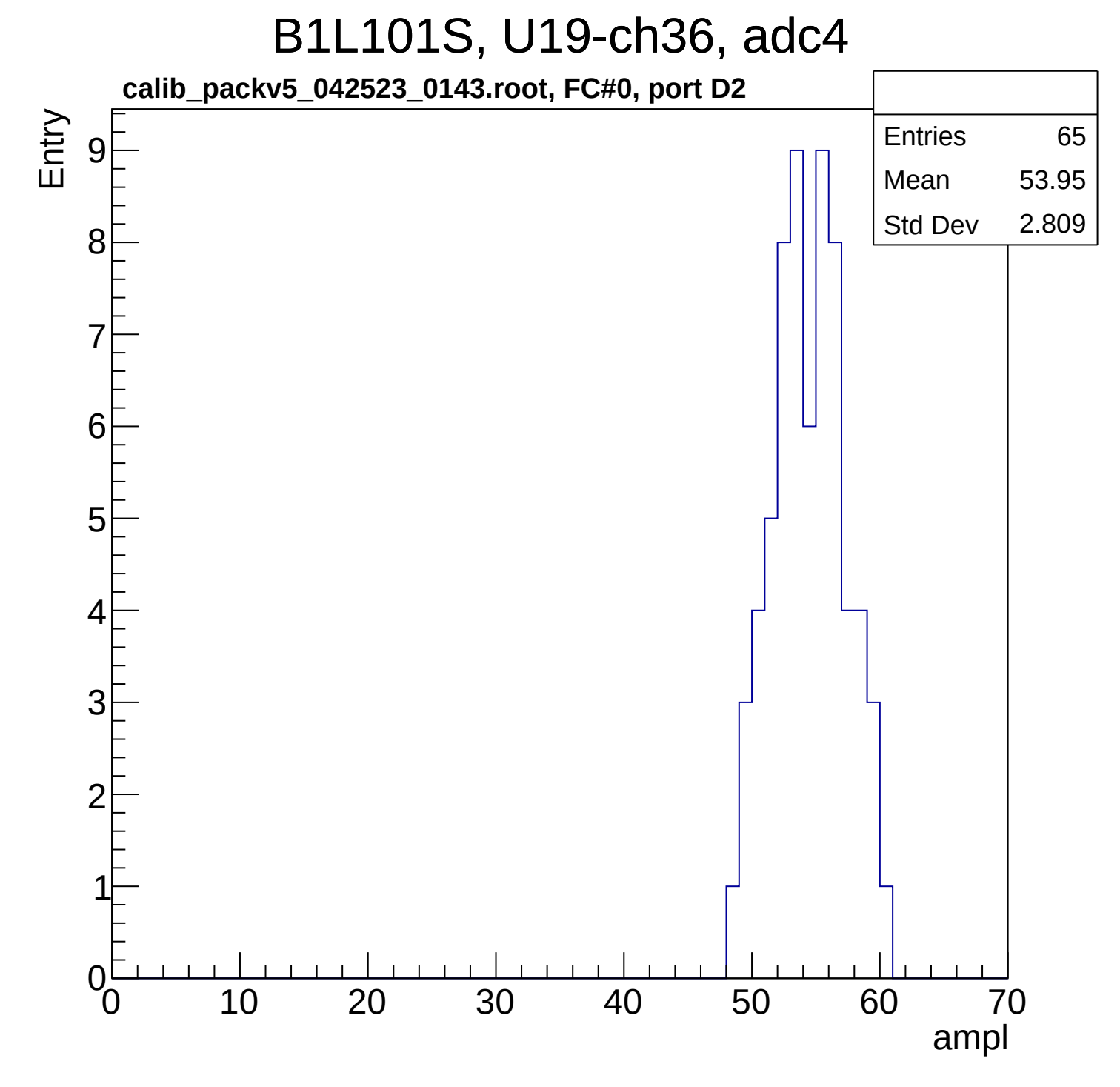
B1L101S, U19-ch36, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 53.95
Std Dev 2.809
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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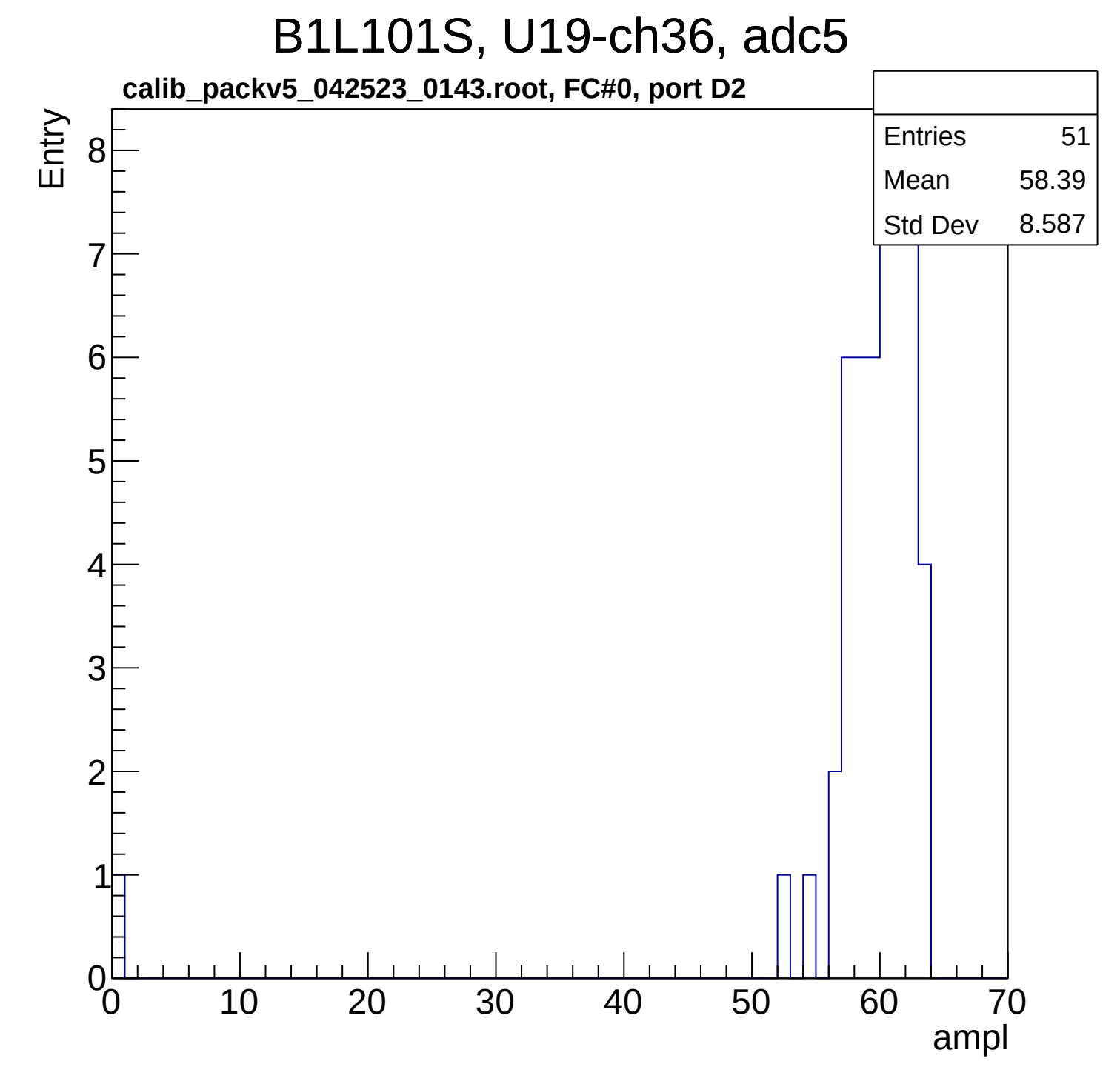
B1L101S, U19-ch36, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 58.39
Std Dev 8.587
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
50
60
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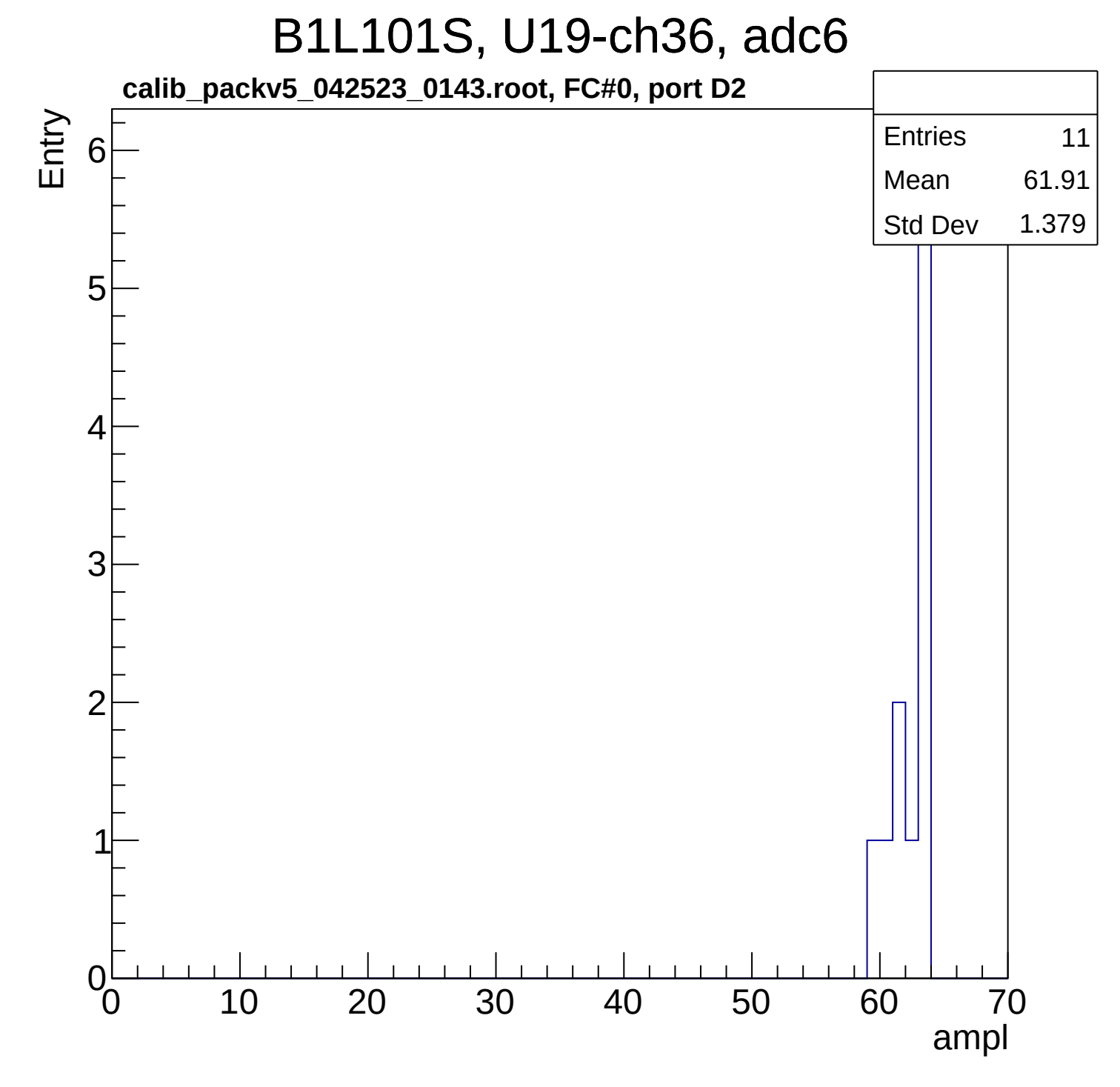
B1L101S, U19-ch36, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 61.91
Std Dev 1.379
Entry
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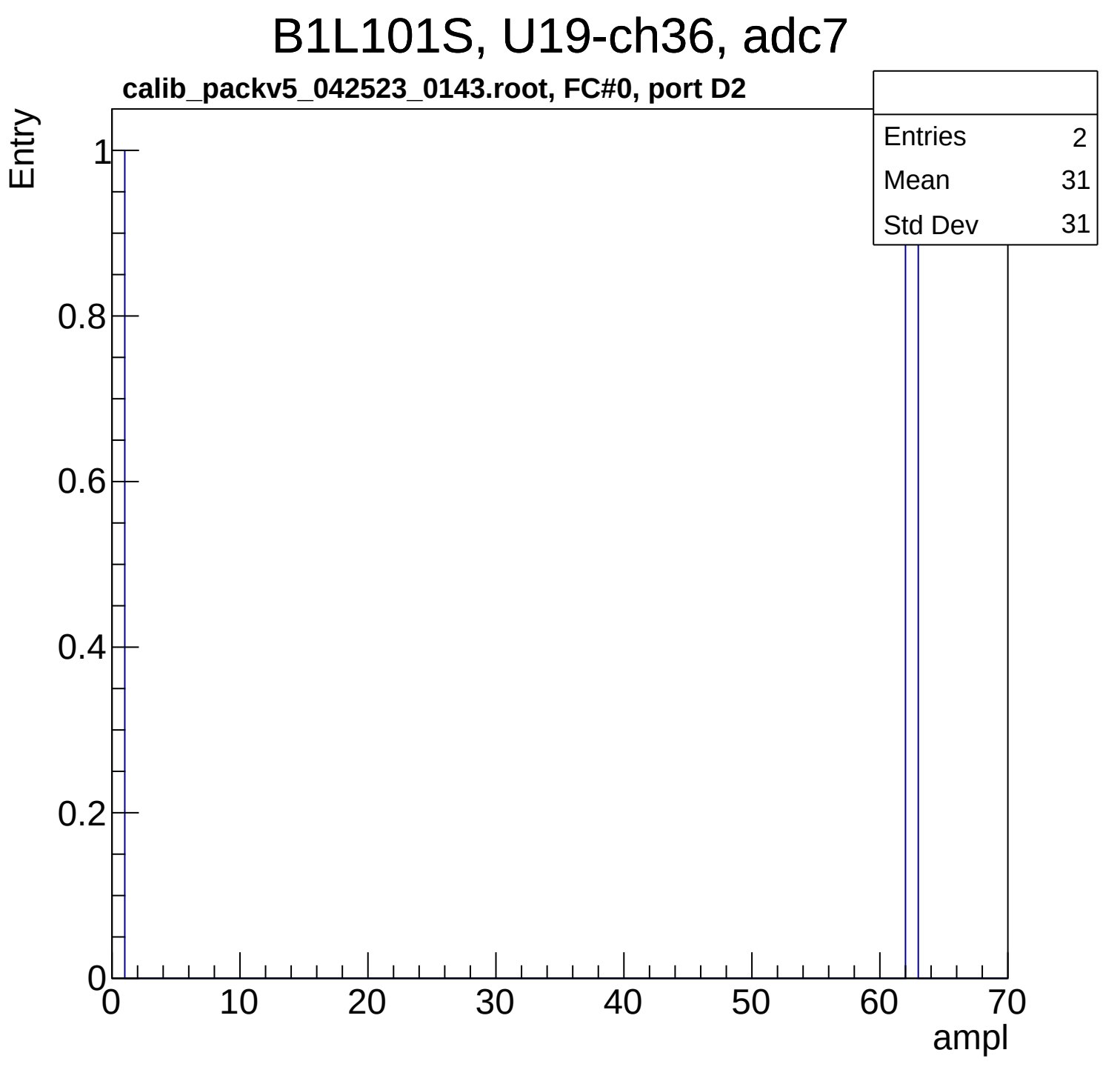
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch36, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 31
Std Dev 31
Entry
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0.6
0.4
0.2
0
0
10
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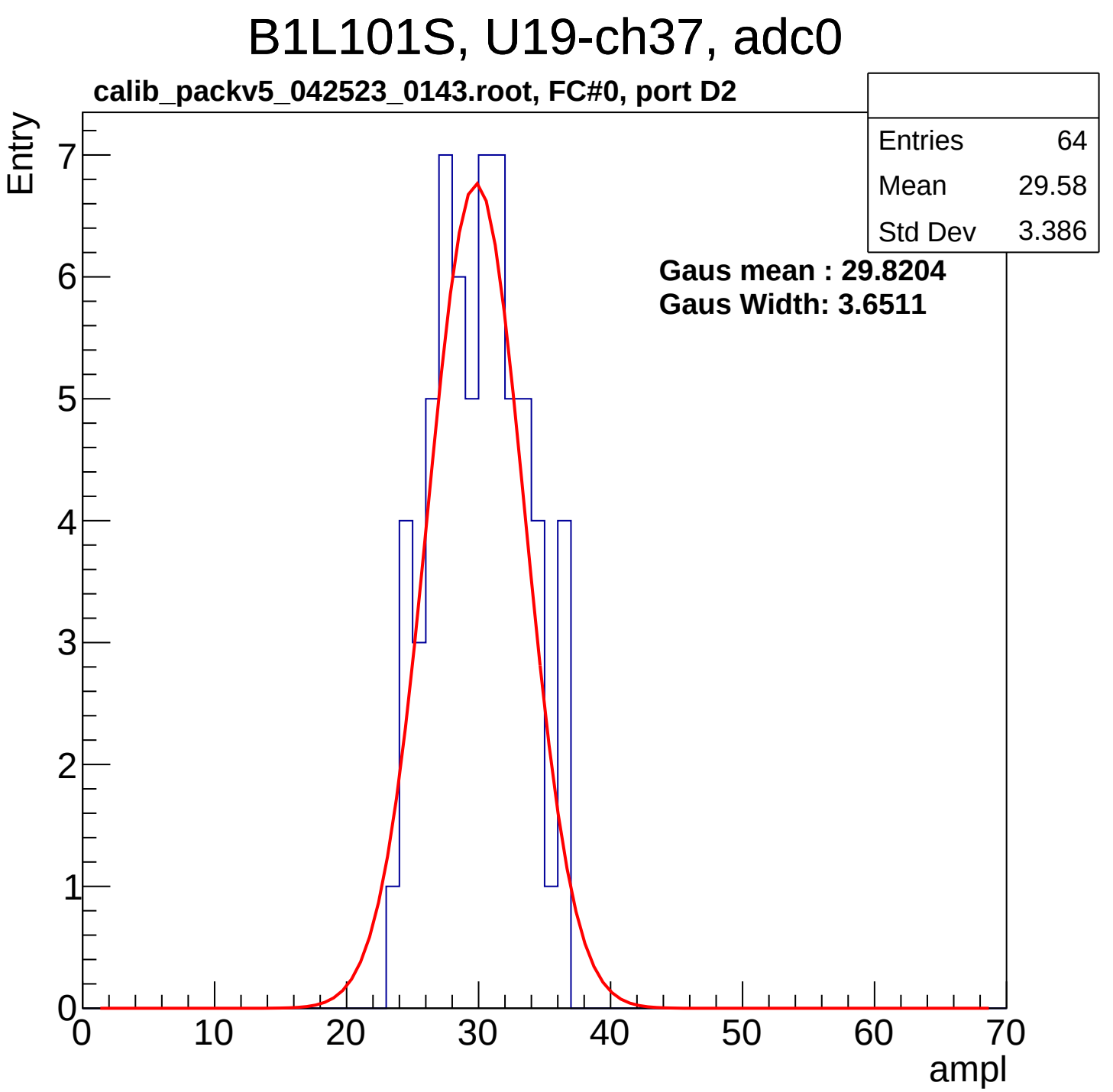
50
60
70
ampl


B1L101S, U19-ch37, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 29.58
Std Dev 3.386
Gaus mean : 29.8204
Gaus Width: 3.6511
Entry
ampl
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4
5
6
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0
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60
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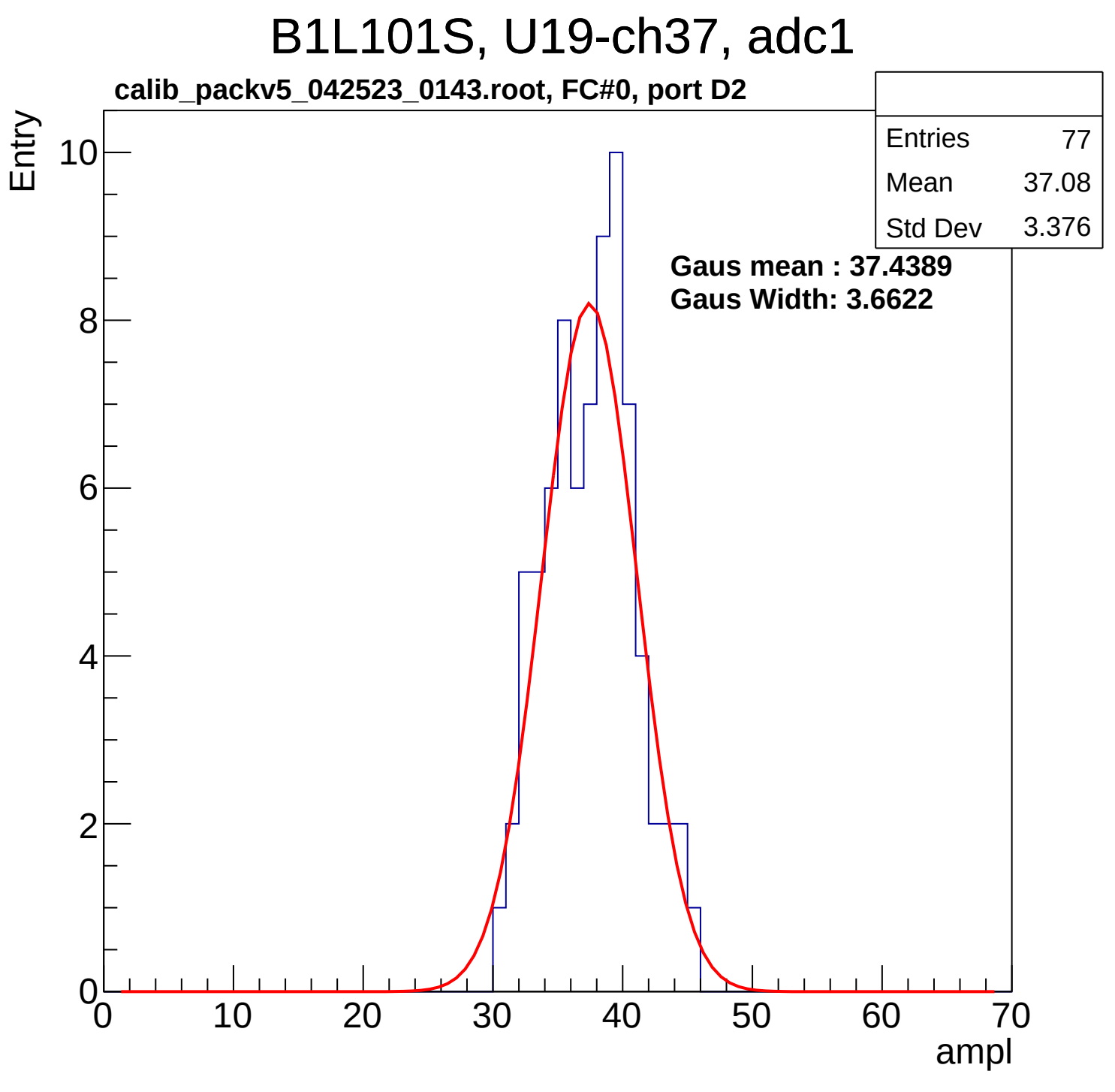
B1L101S, U19-ch37, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 37.08
Std Dev 3.376
Gaus mean : 37.4389
Gaus Width: 3.6622
Entry
ampl
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4
6
8
10
0
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40
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60
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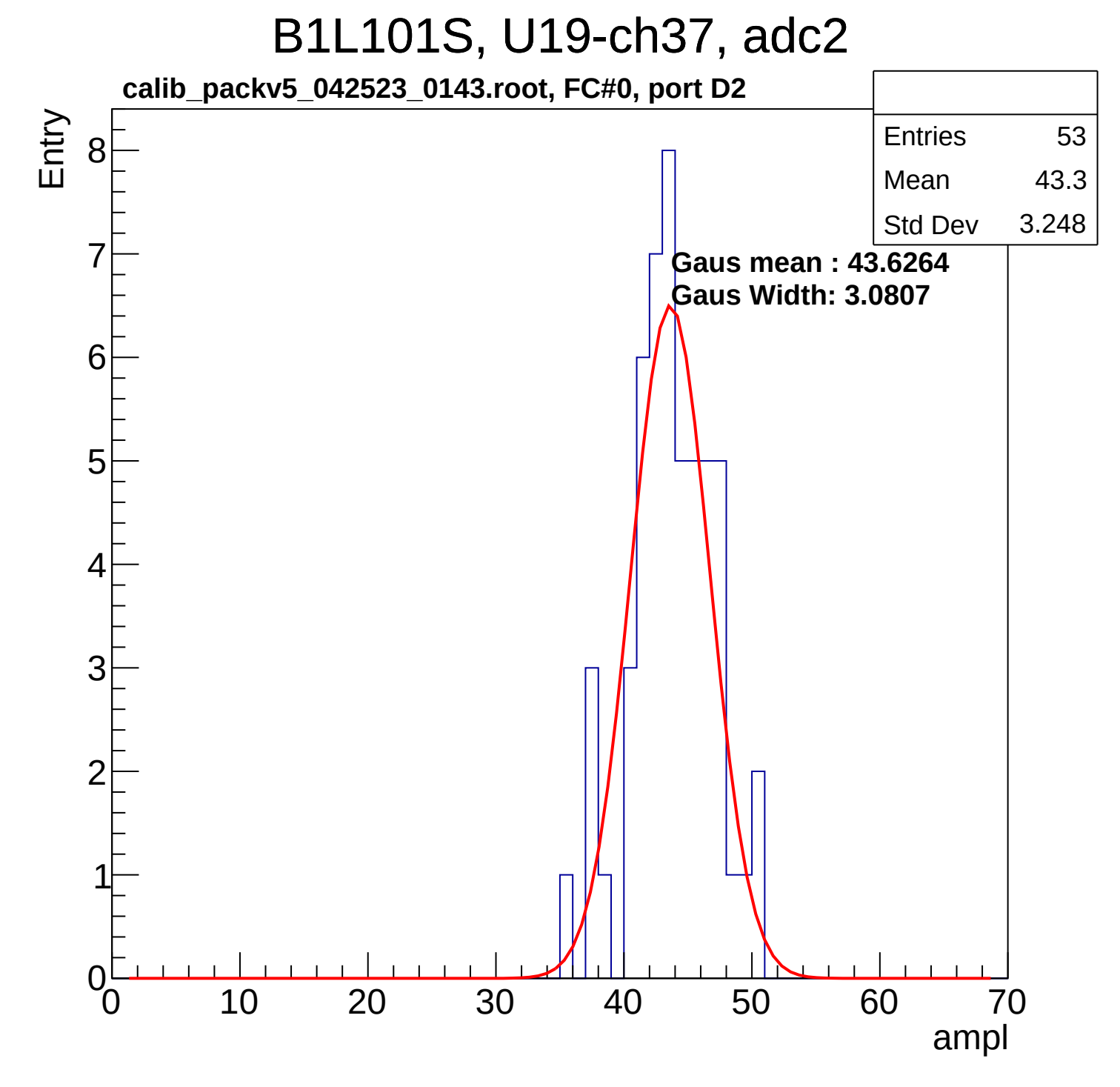
B1L101S, U19-ch37, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 43.3
Std Dev 3.248
Gaus mean : 43.6264
Gaus Width: 3.0807
Entry
ampl
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2
3
4
5
6
7
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0
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60
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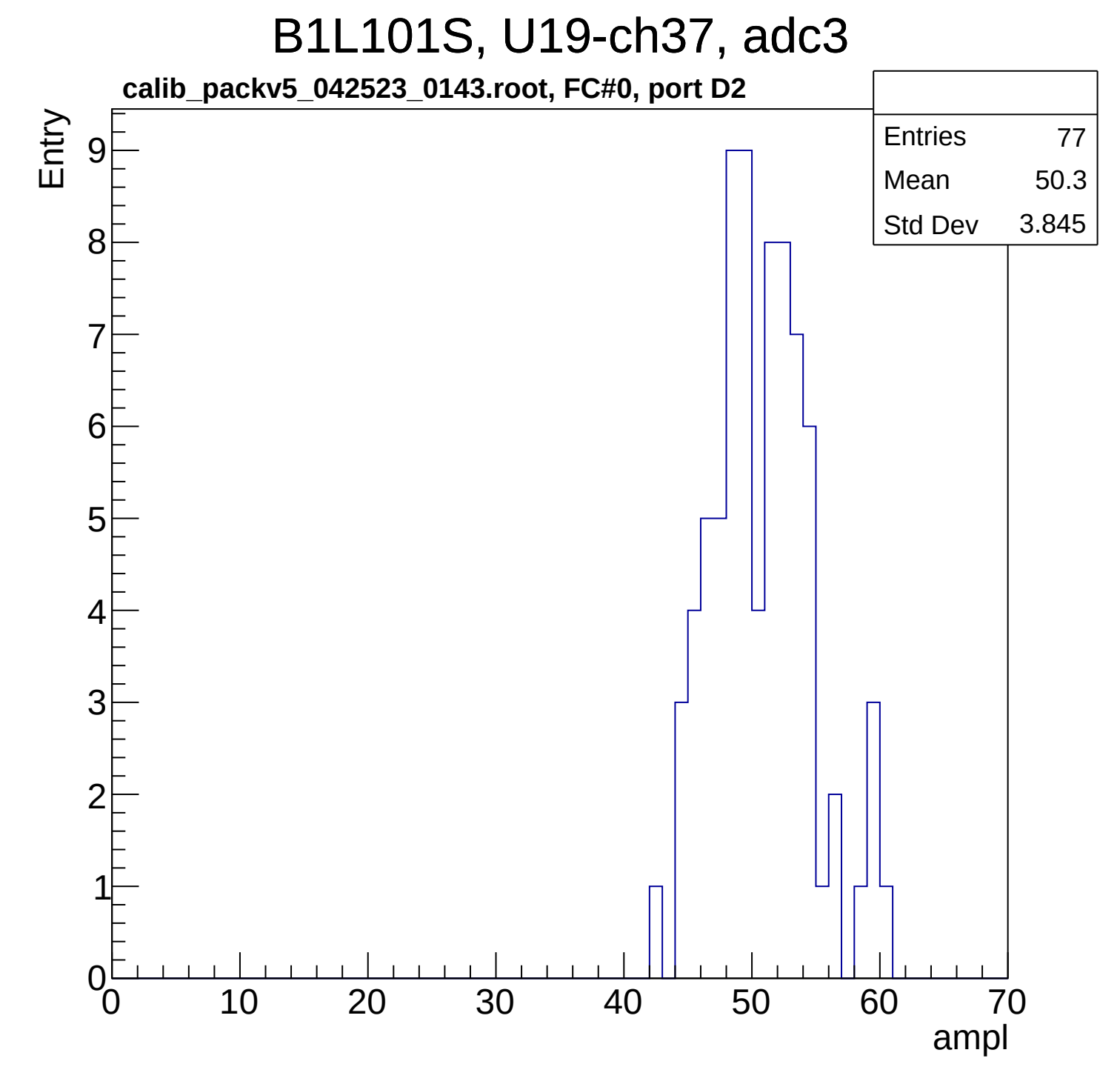
B1L101S, U19-ch37, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 50.3
Std Dev 3.845
Entry
ampl
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4
5
6
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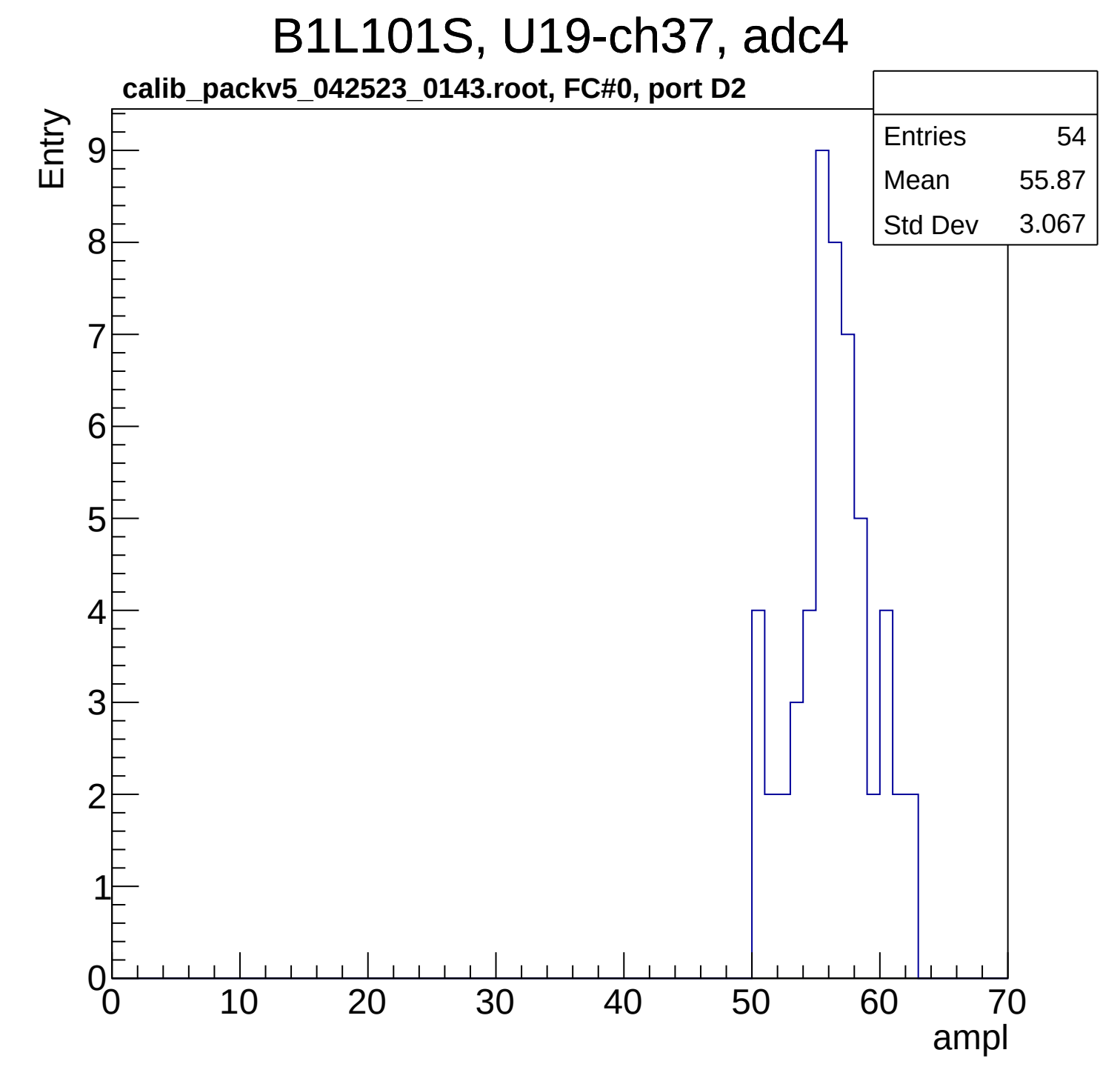
B1L101S, U19-ch37, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 55.87
Std Dev 3.067
Entry
ampl
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5
6
7
8
9
0
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60
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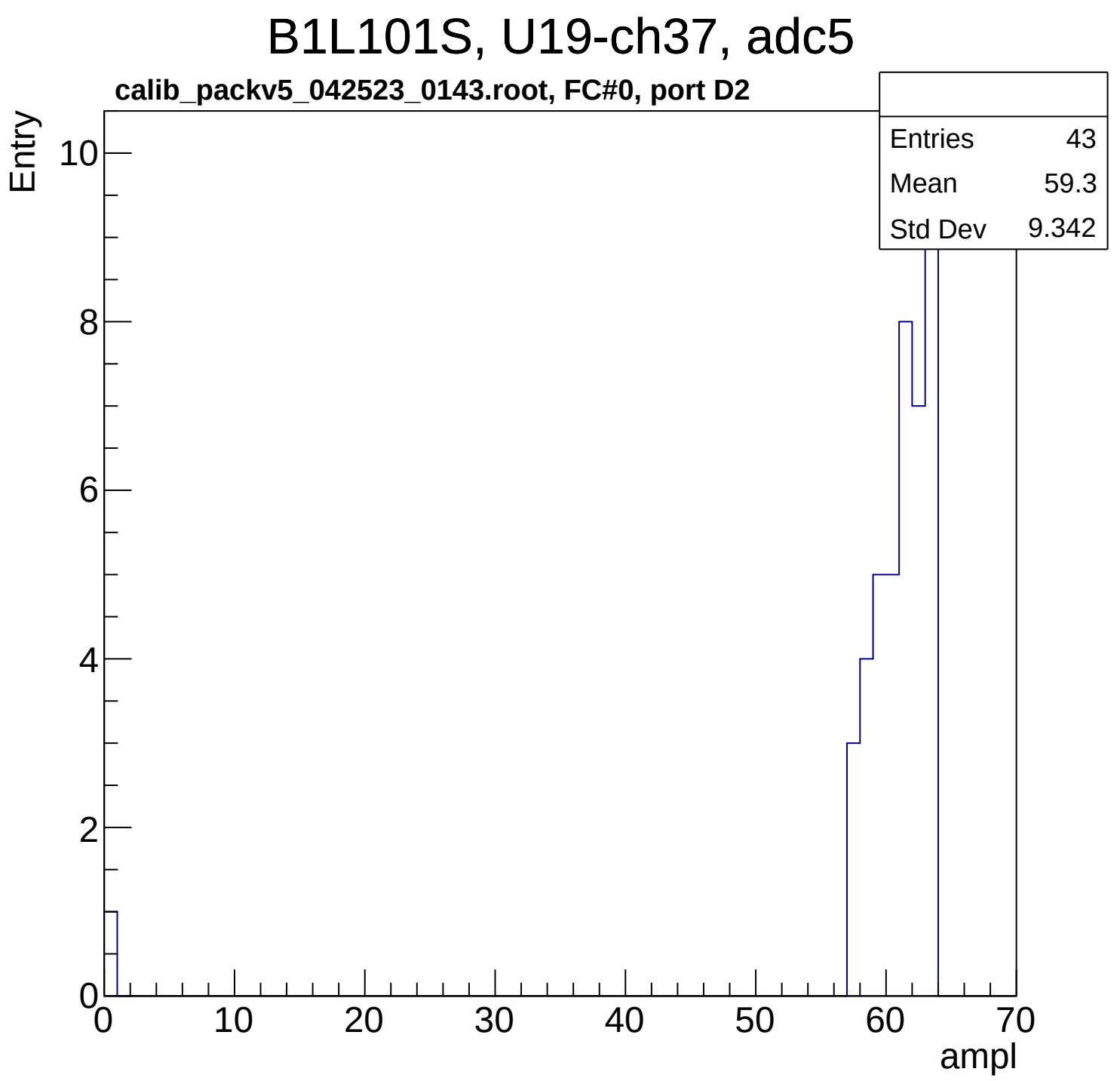
B1L101S, U19-ch37, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 59.3
Std Dev 9.342
Entry
0
2
4
6
8
10
0
10
20
30
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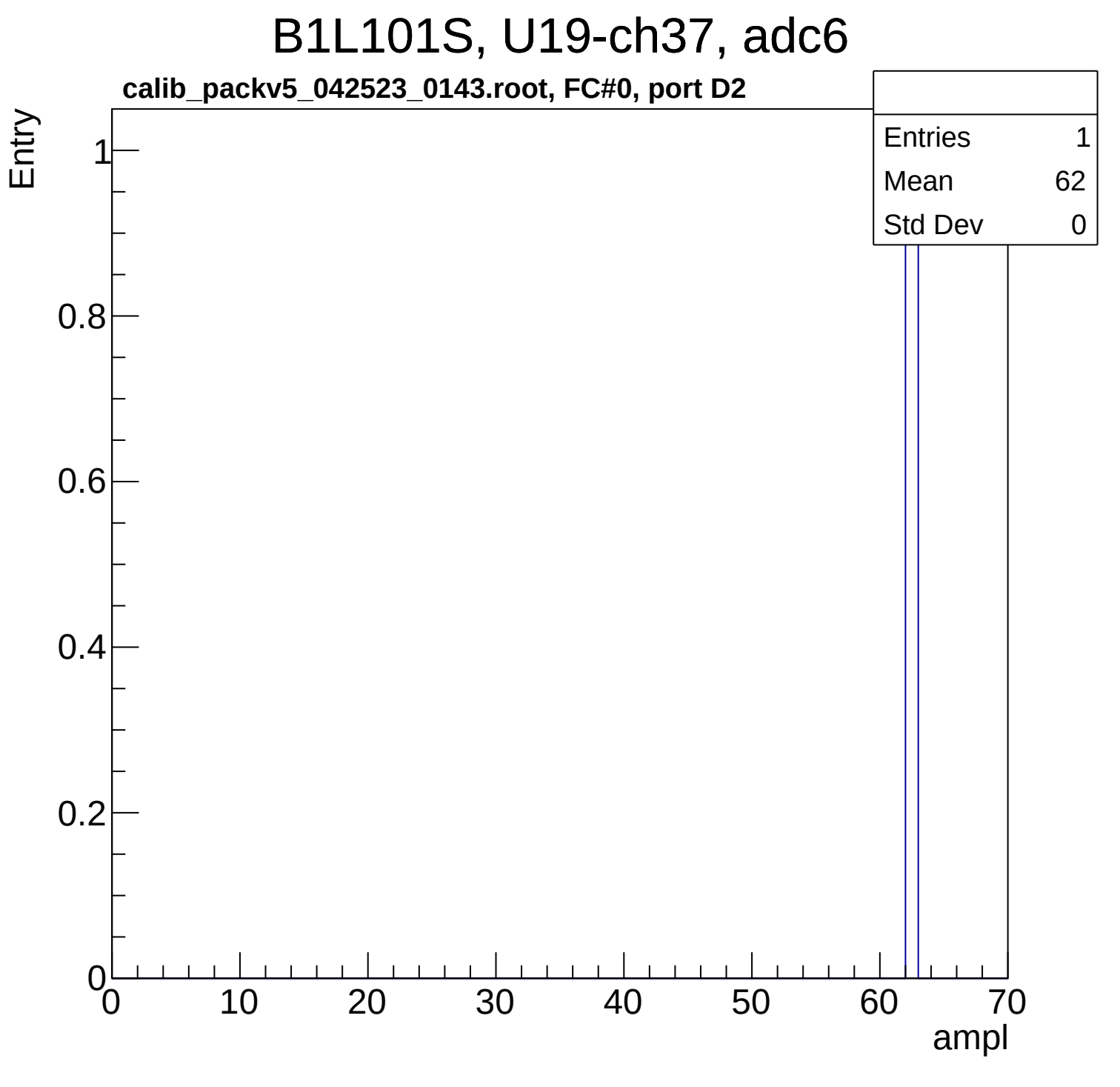
50
60
70
ampl


B1L101S, U19-ch37, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
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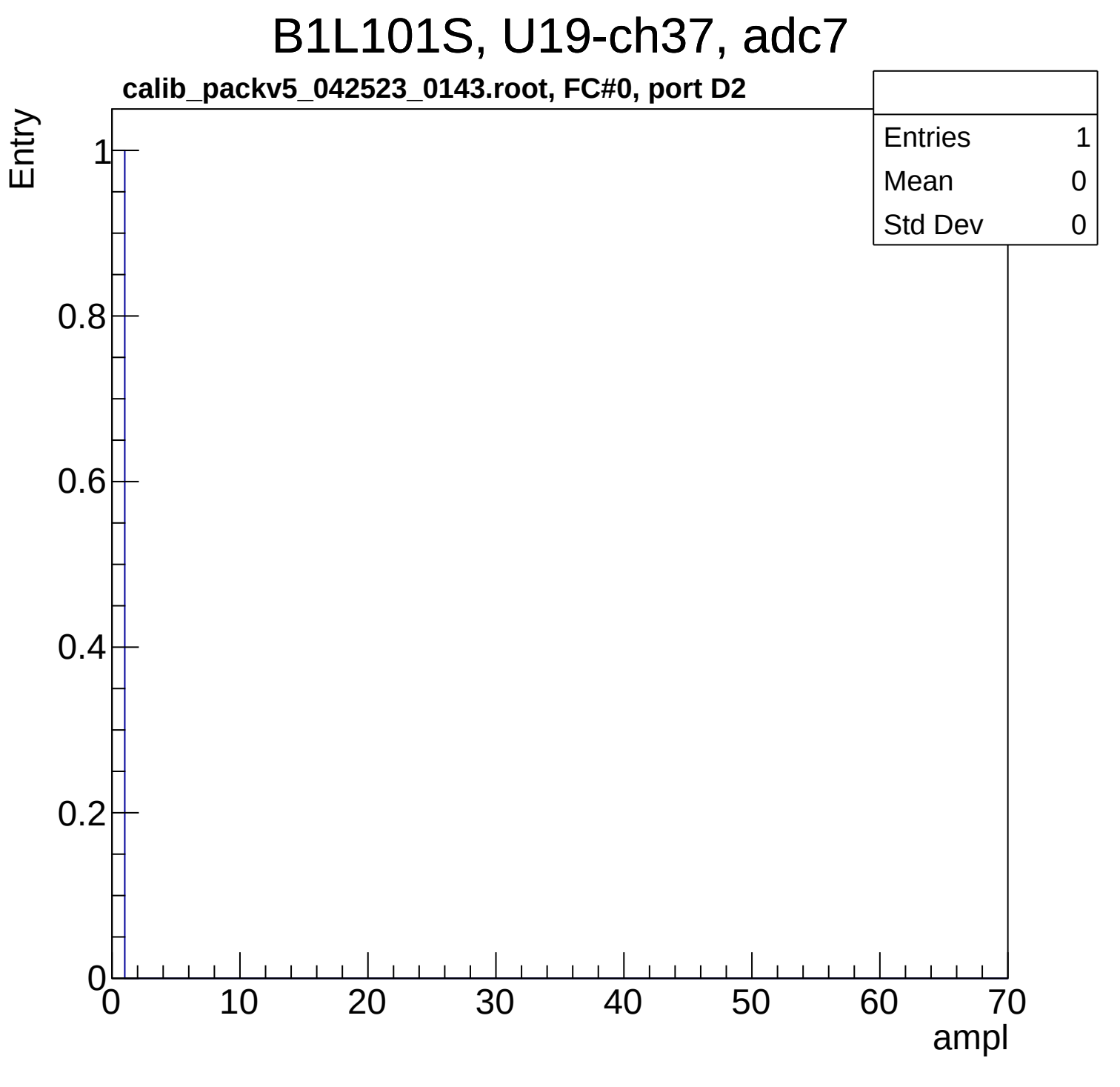
60
70
ampl


B1L101S, U19-ch37, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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10
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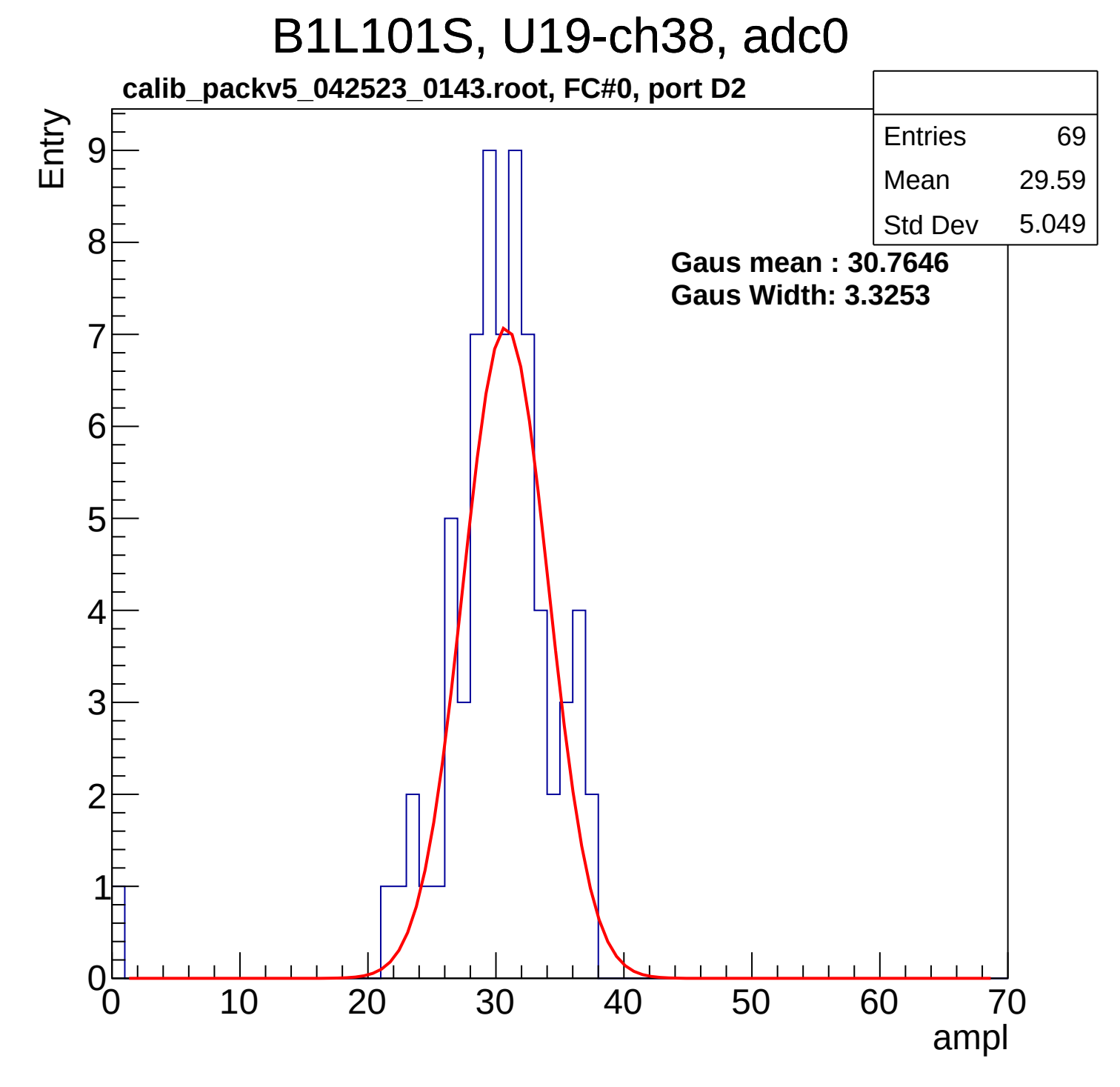
50
60
70
ampl


B1L101S, U19-ch38, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 29.59
Std Dev 5.049
Gaus mean : 30.7646
Gaus Width: 3.3253
Entry
ampl
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3
4
5
6
7
8
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0
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40
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60
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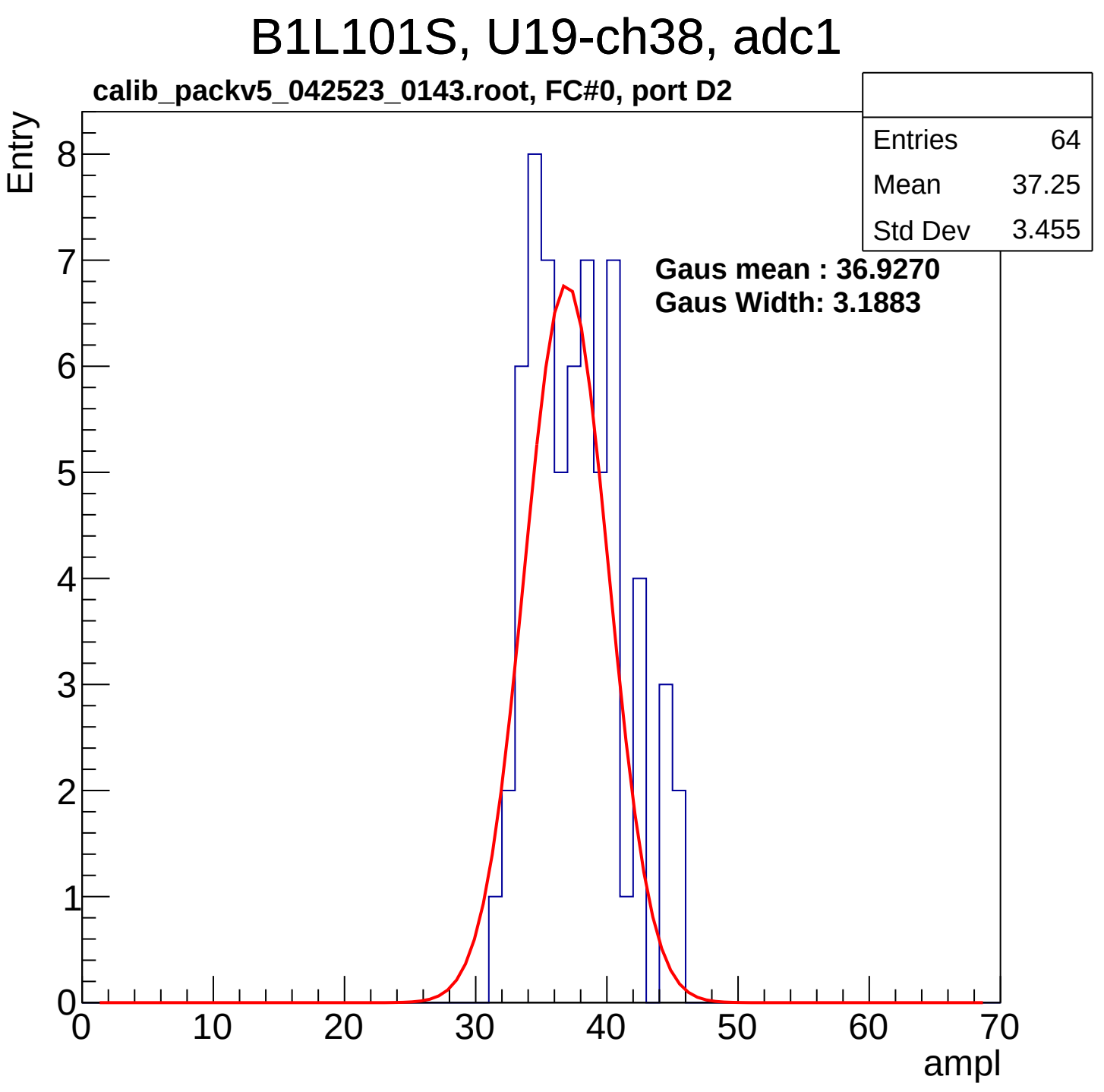
B1L101S, U19-ch38, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 37.25
Std Dev 3.455
Gaus mean : 36.9270
Gaus Width: 3.1883
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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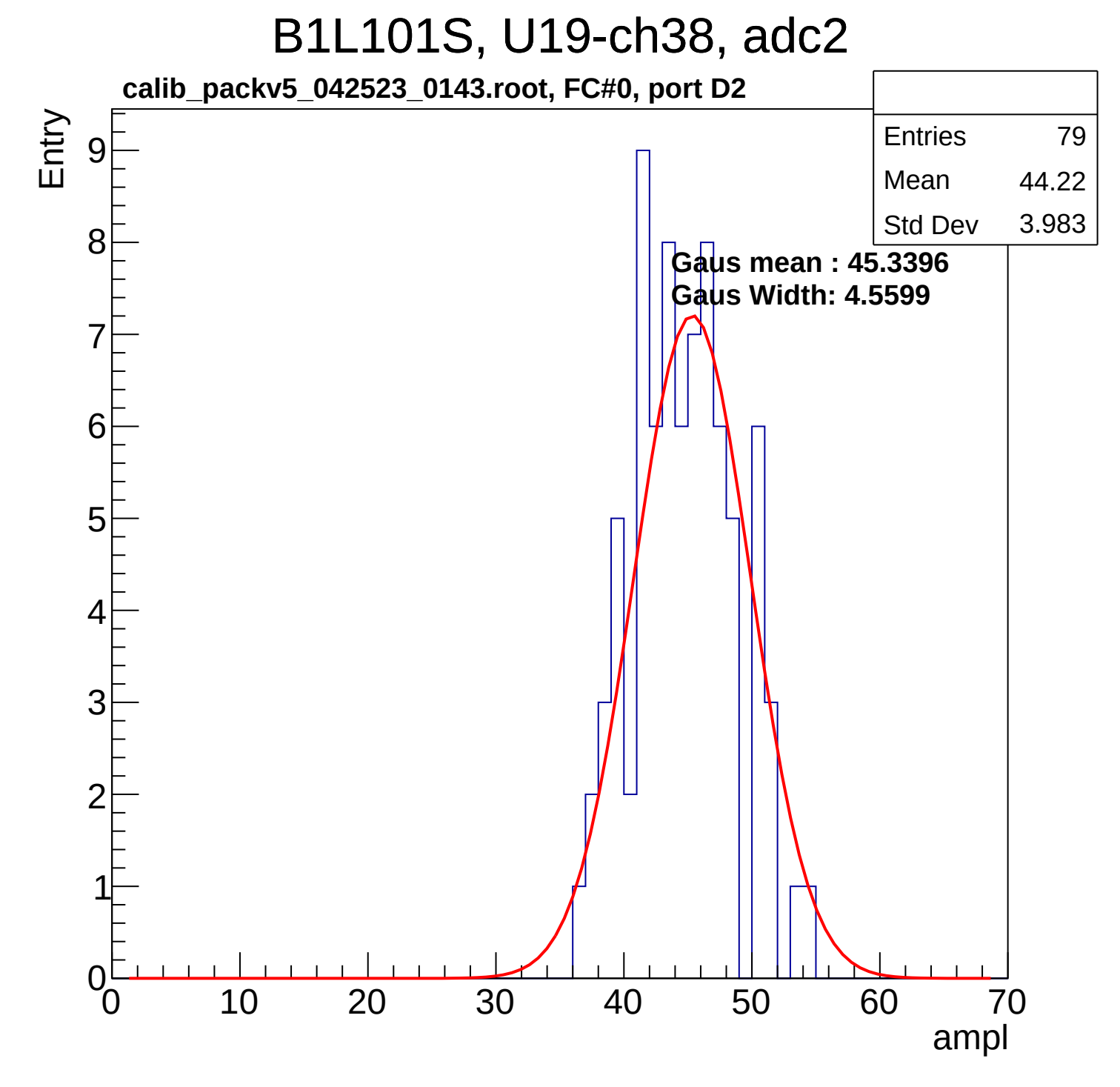
B1L101S, U19-ch38, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 44.22
Std Dev 3.983
Gaus mean : 45.3396
Gaus Width: 4.5599
Entry
ampl
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3
4
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7
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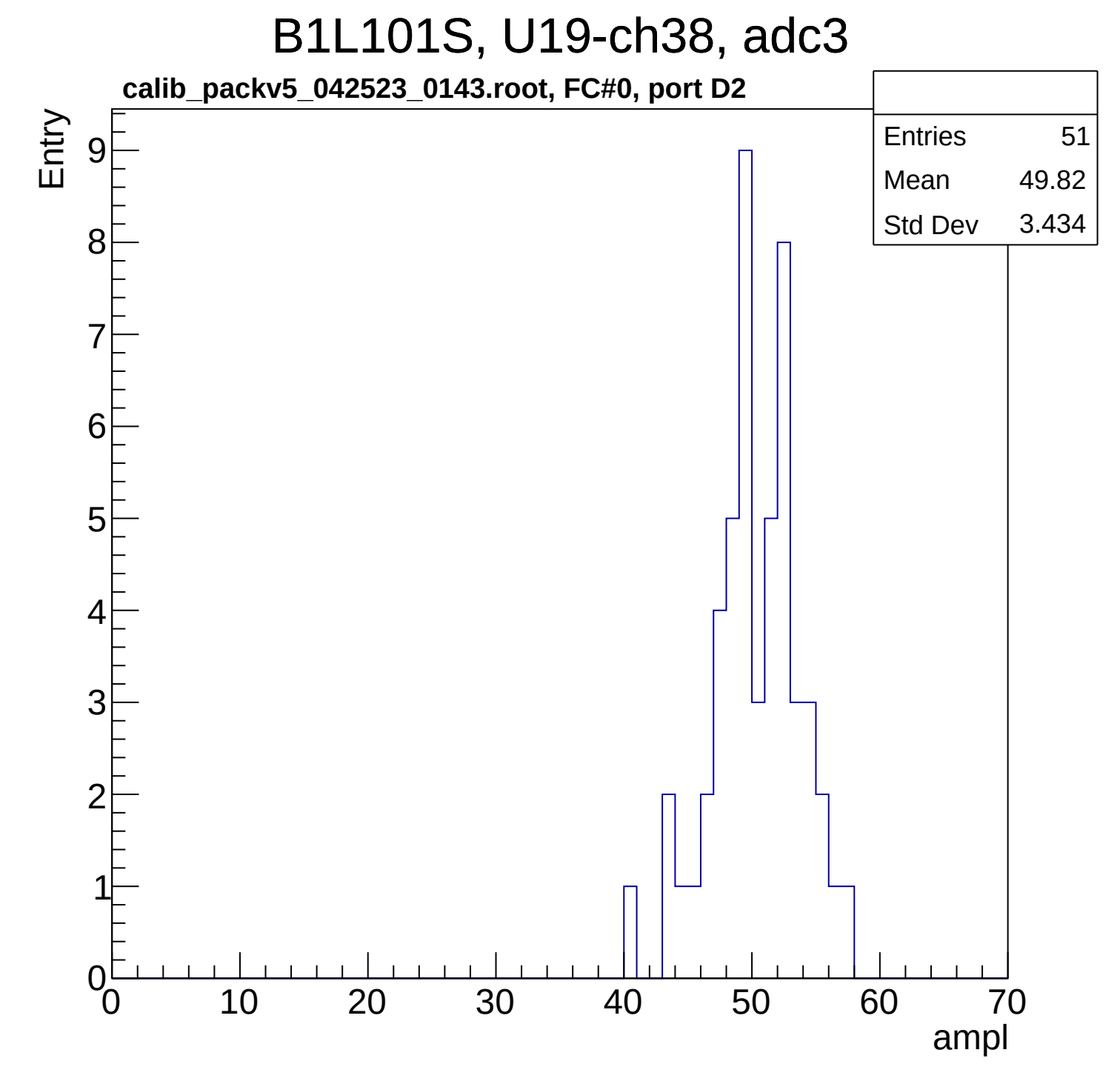
B1L101S, U19-ch38, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 49.82
Std Dev 3.434
Entry
ampl
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3
4
5
6
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0
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40
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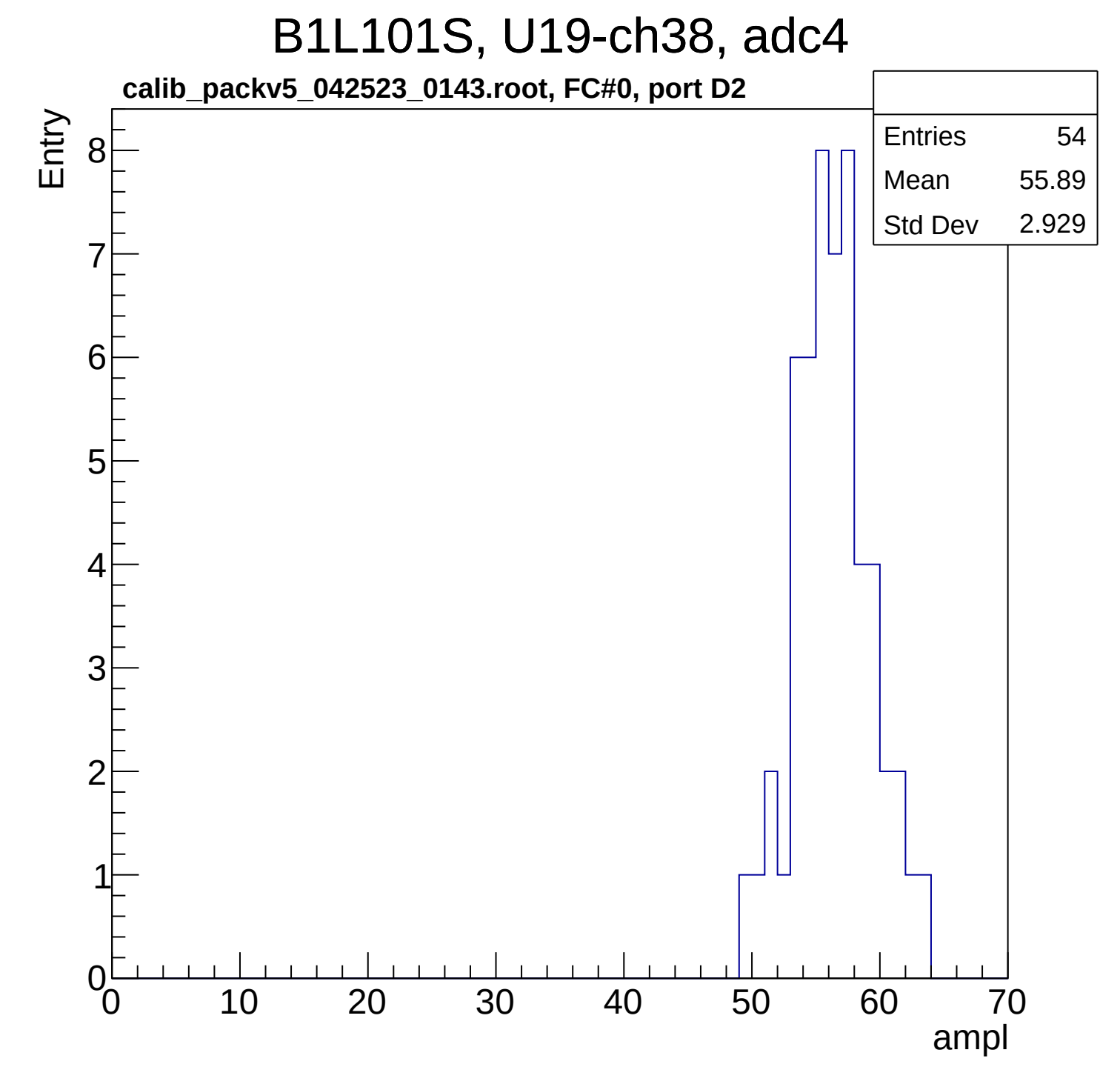
B1L101S, U19-ch38, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 55.89
Std Dev 2.929
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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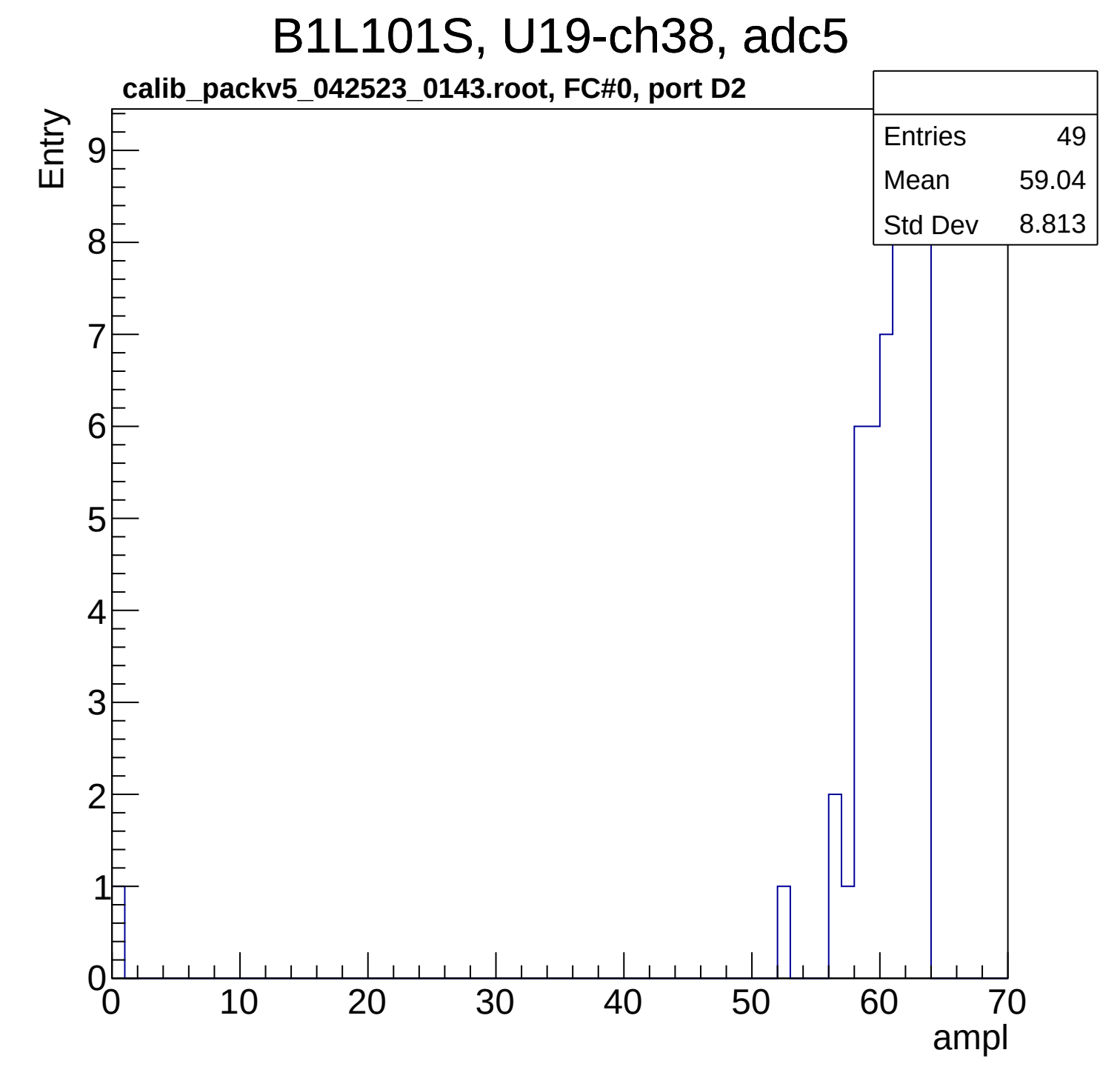
B1L101S, U19-ch38, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 59.04
Std Dev 8.813
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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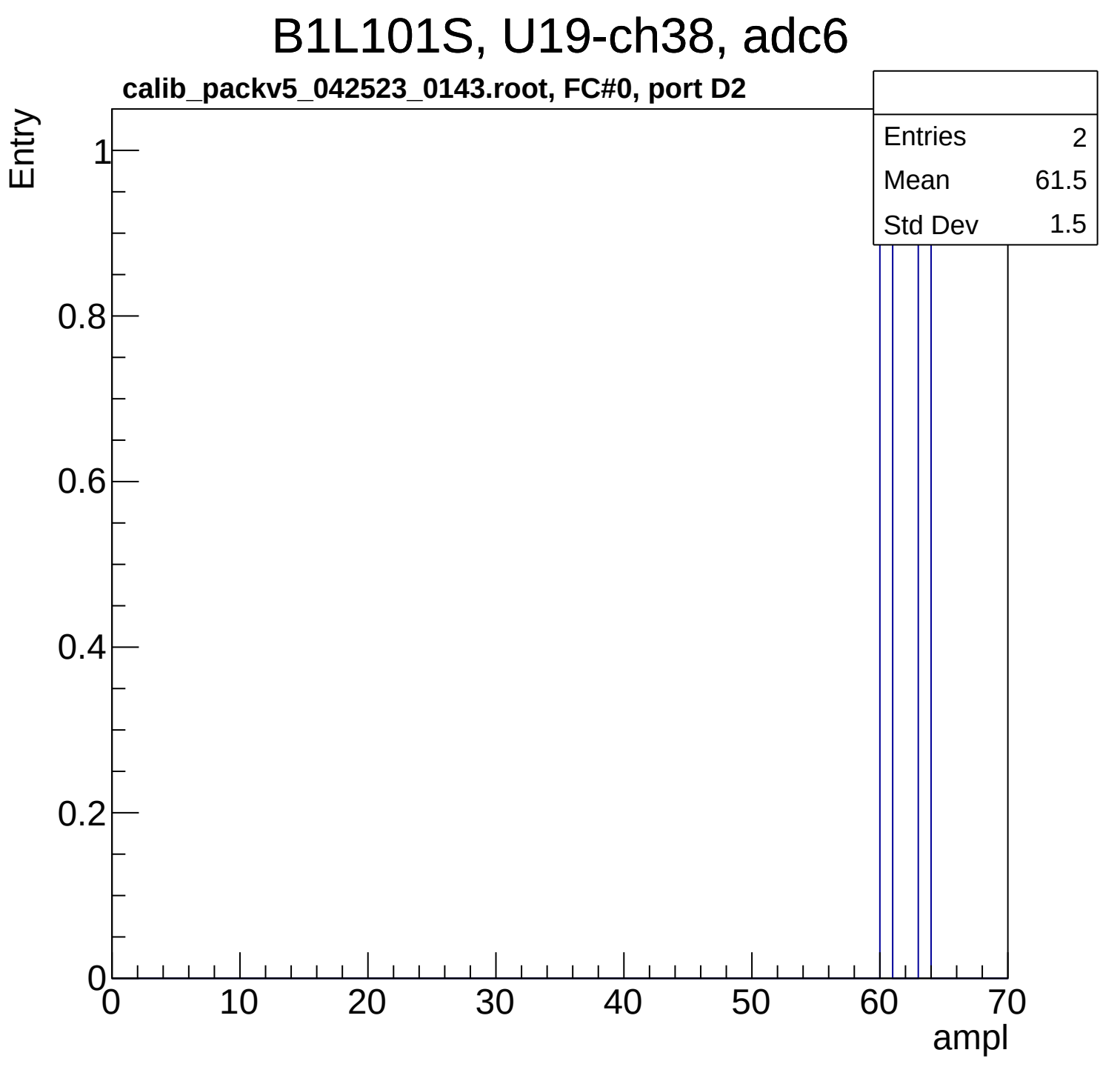
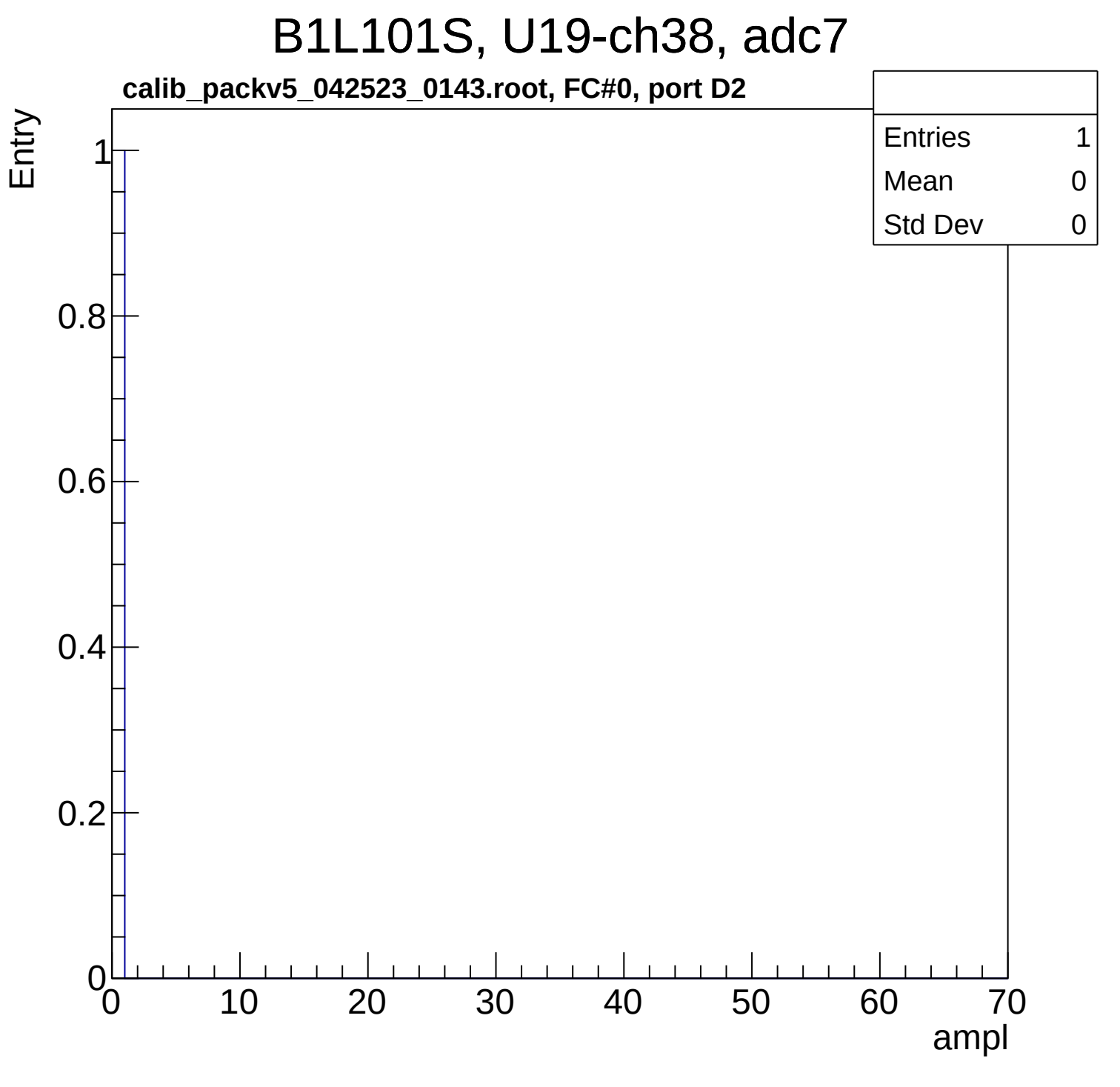
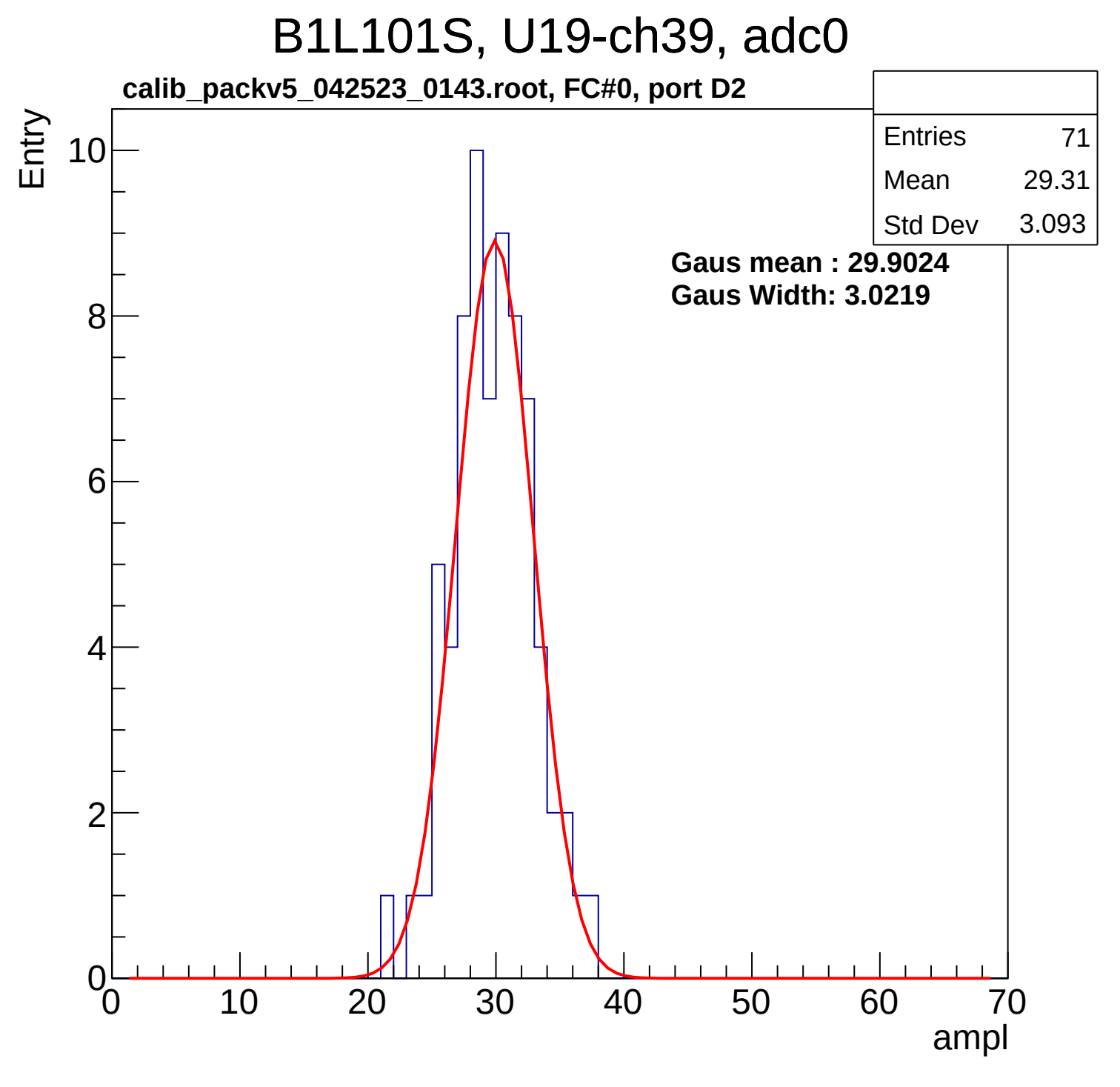
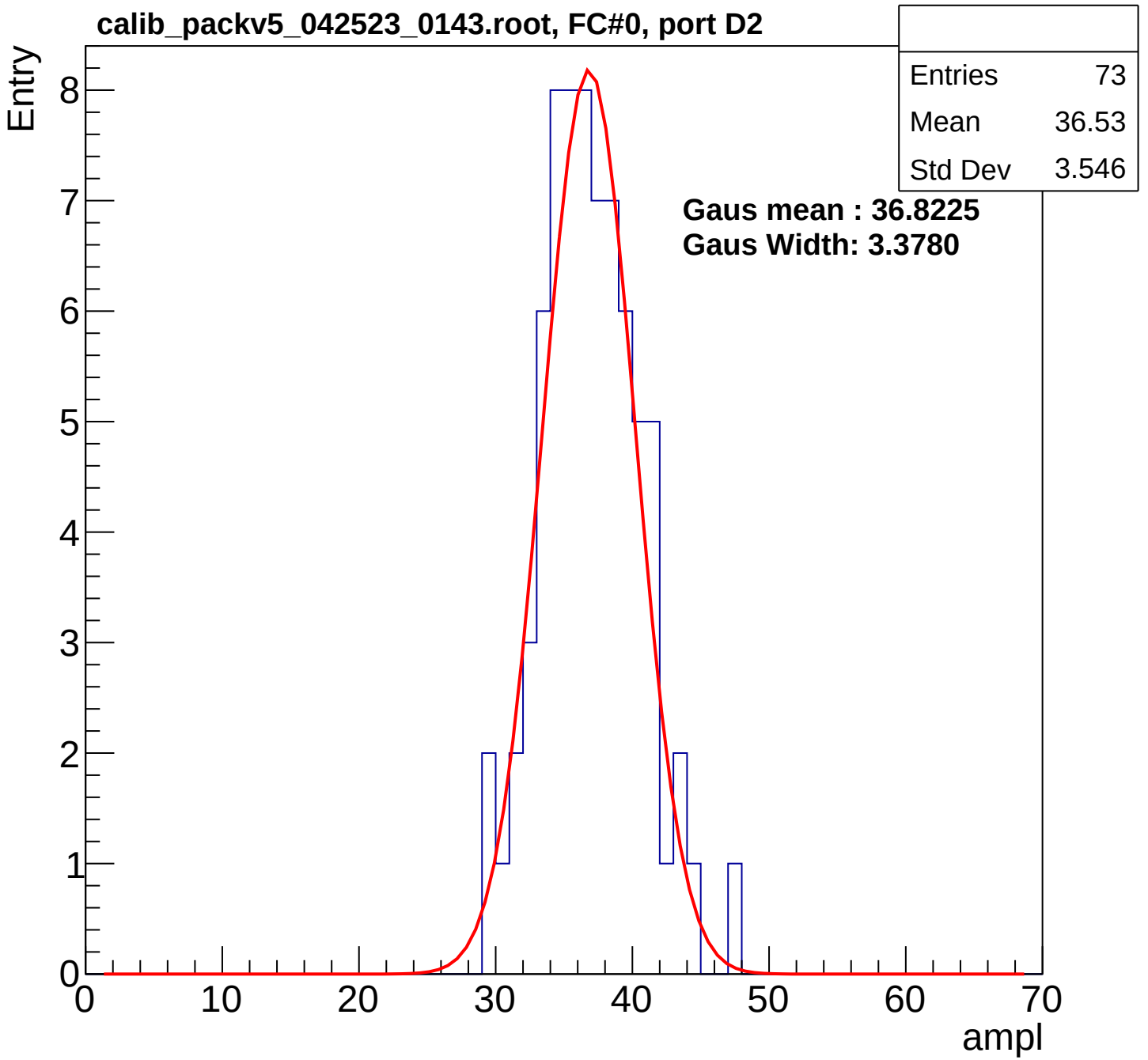

B1L101S, U19-ch38, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 61.5
Std Dev 1.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch38, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch39, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 29.31
Std Dev 3.093
Gaus mean : 29.9024
Gaus Width: 3.0219
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch39, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 36.53
Std Dev 3.546
Gaus mean : 36.8225
Gaus Width: 3.3780
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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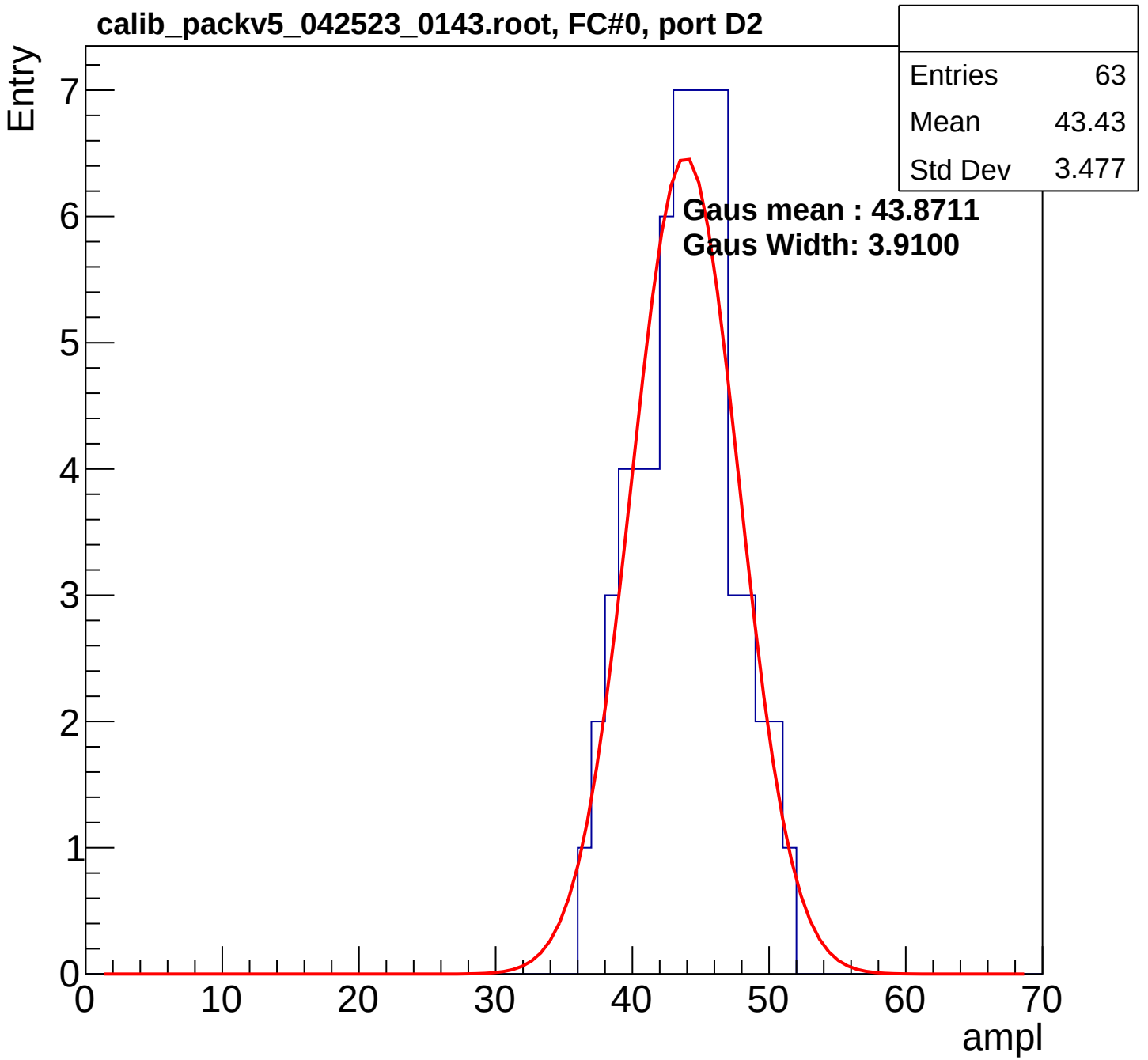
B1L101S, U19-ch39, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 43.43
Std Dev 3.477
Gaus mean : 43.8711
Gaus Width: 3.9100
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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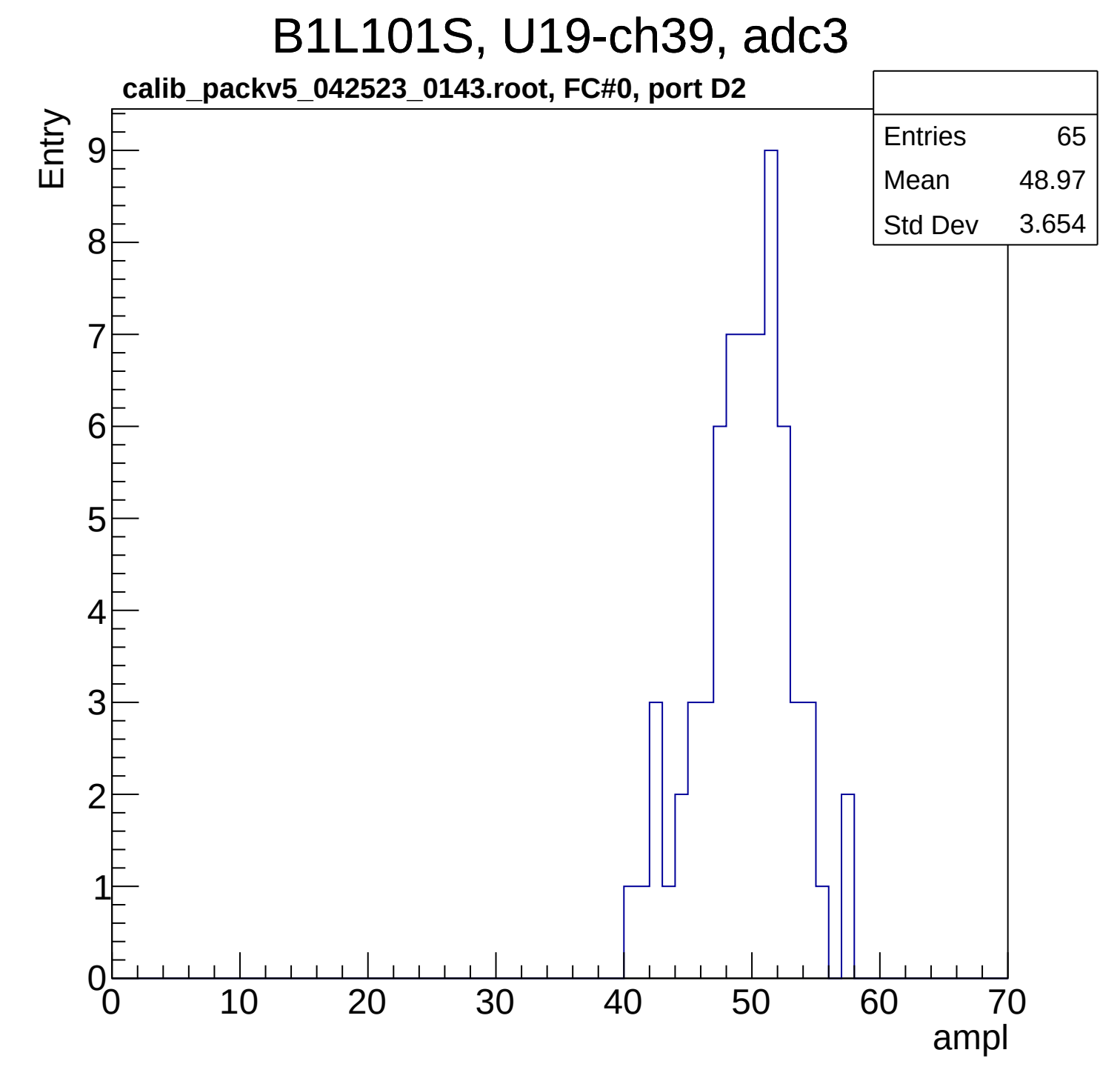
B1L101S, U19-ch39, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 48.97
Std Dev 3.654
Entry
ampl
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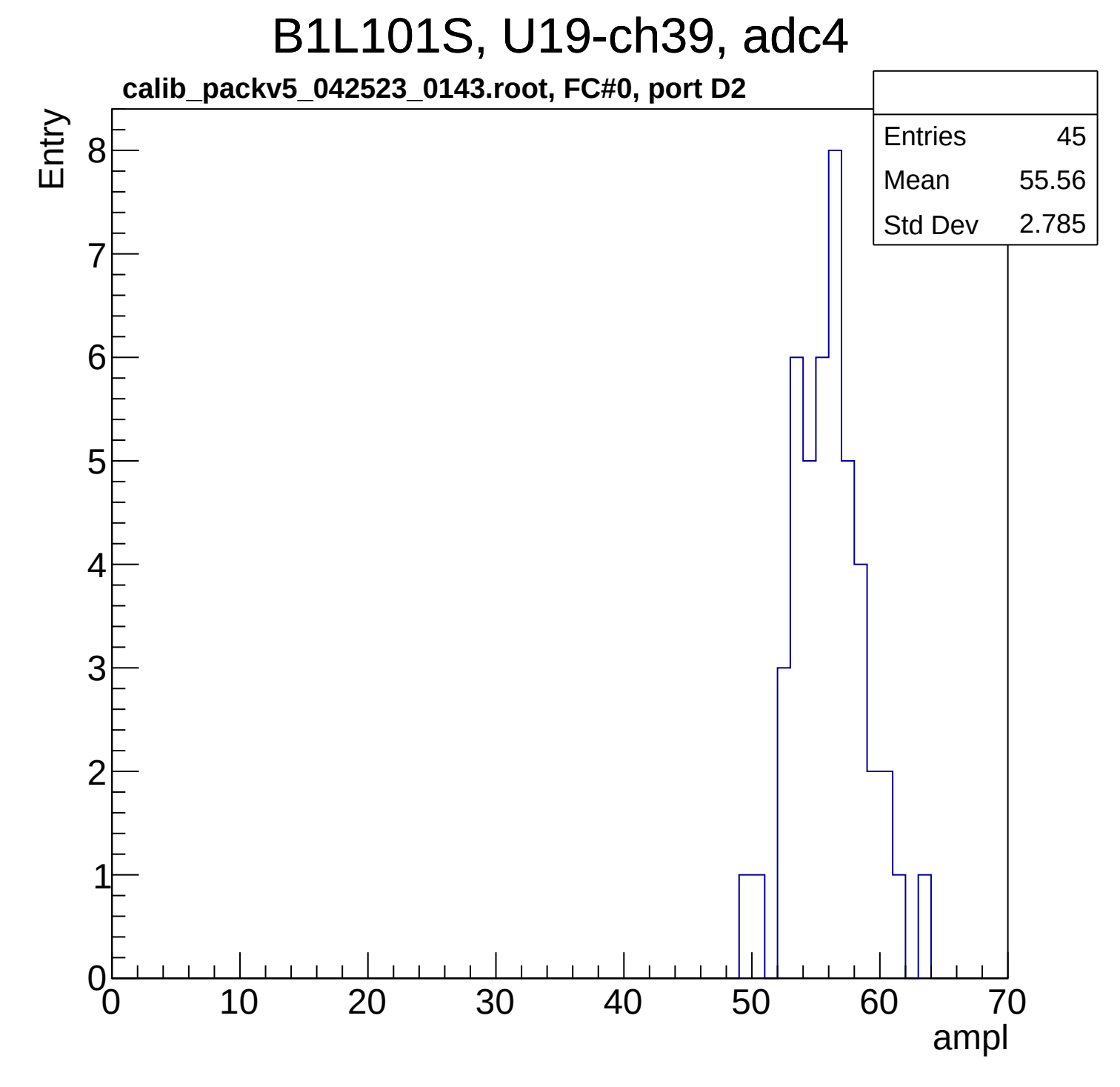
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch39, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 55.56
Std Dev 2.785
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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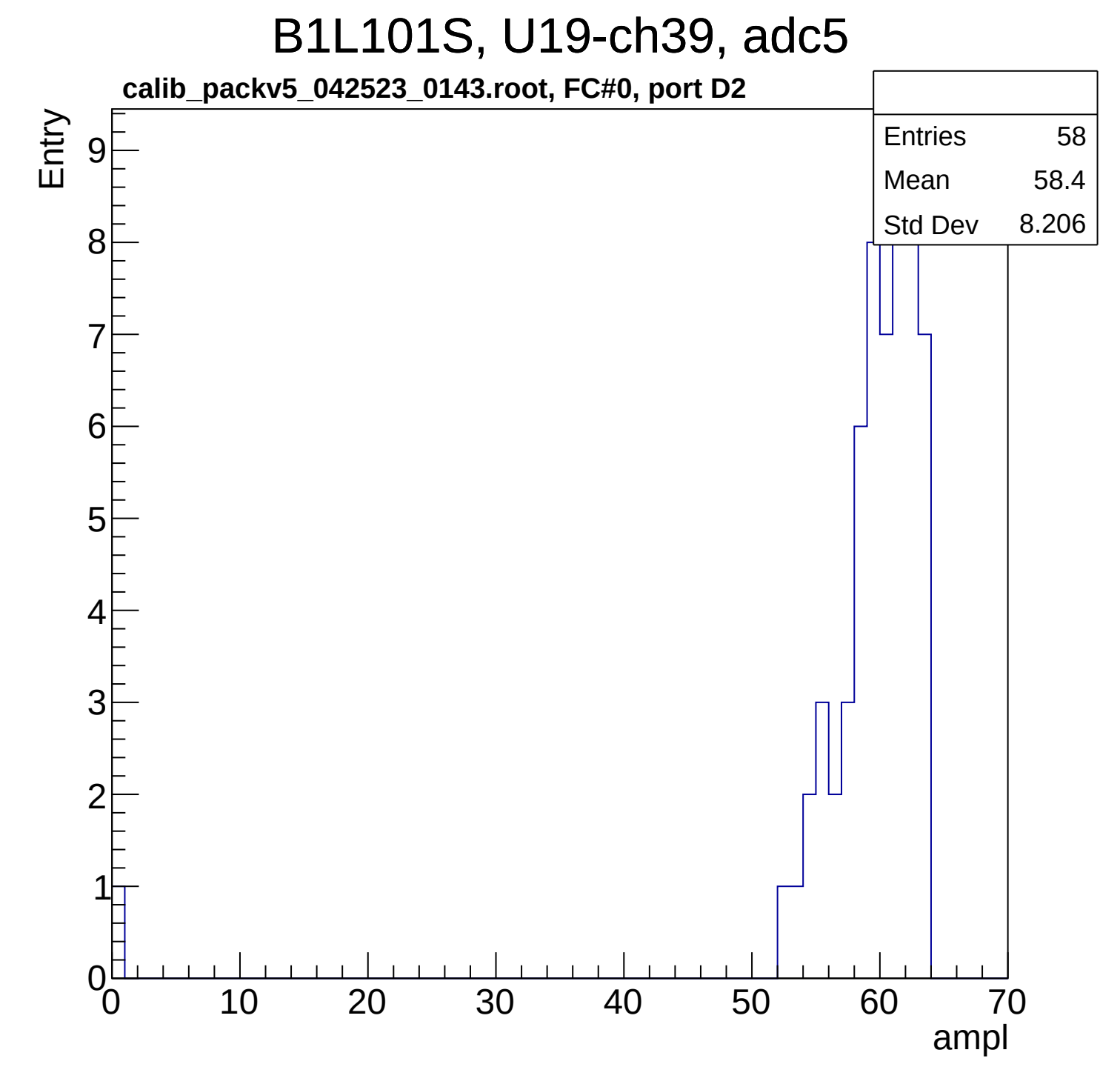
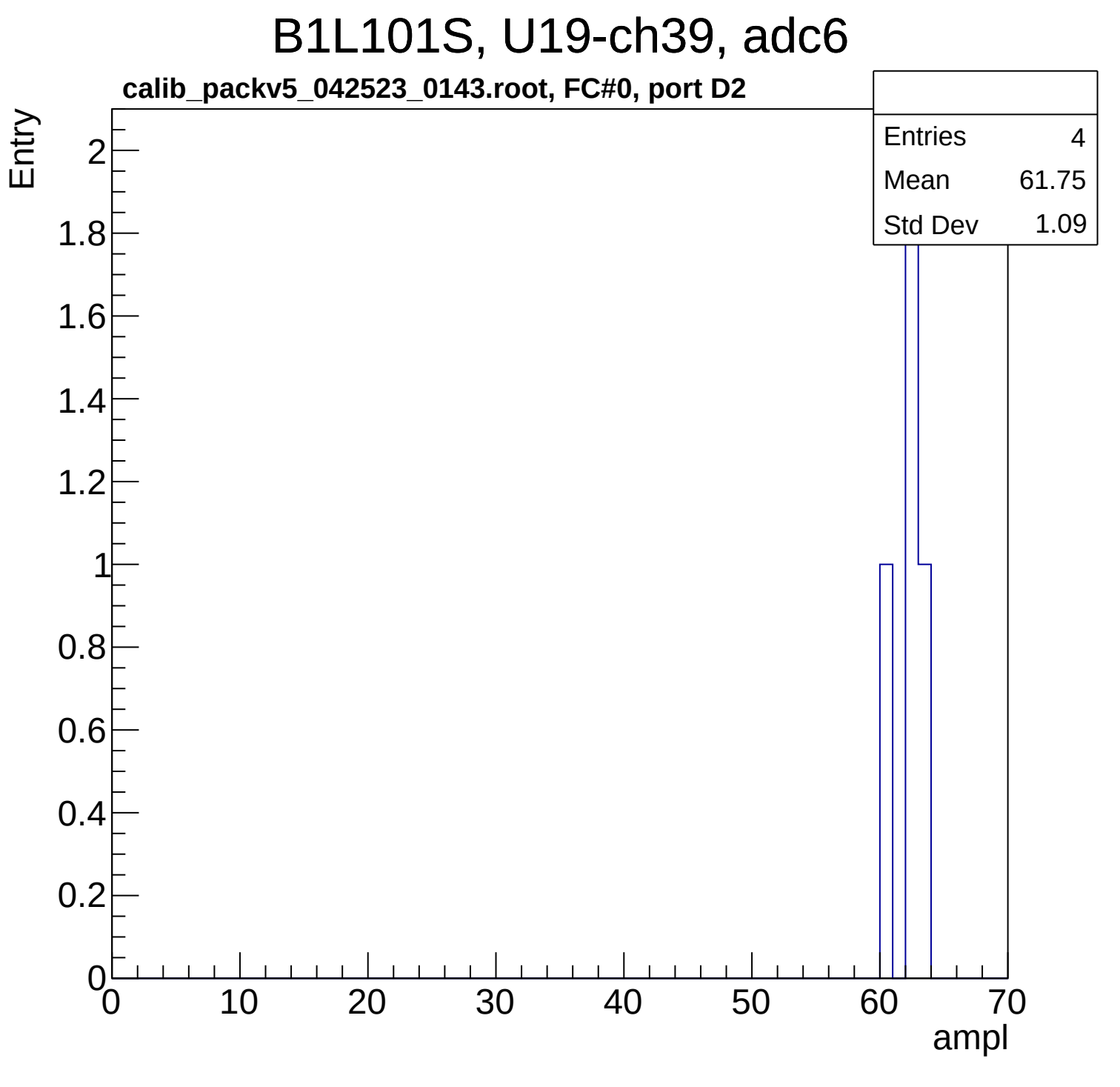

B1L101S, U19-ch39, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 58.4
Std Dev 8.206
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch39, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.75
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
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40
50
60
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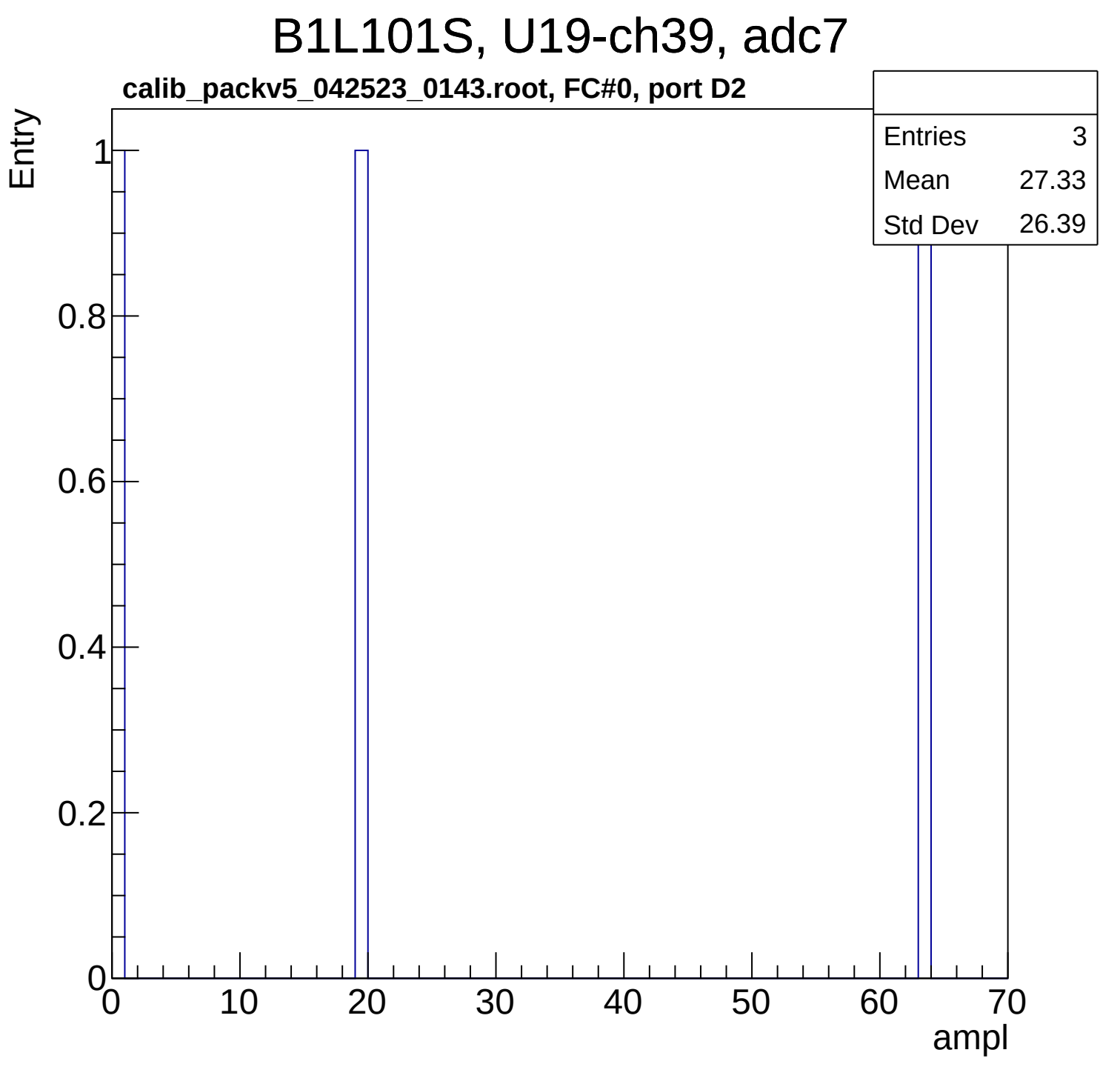
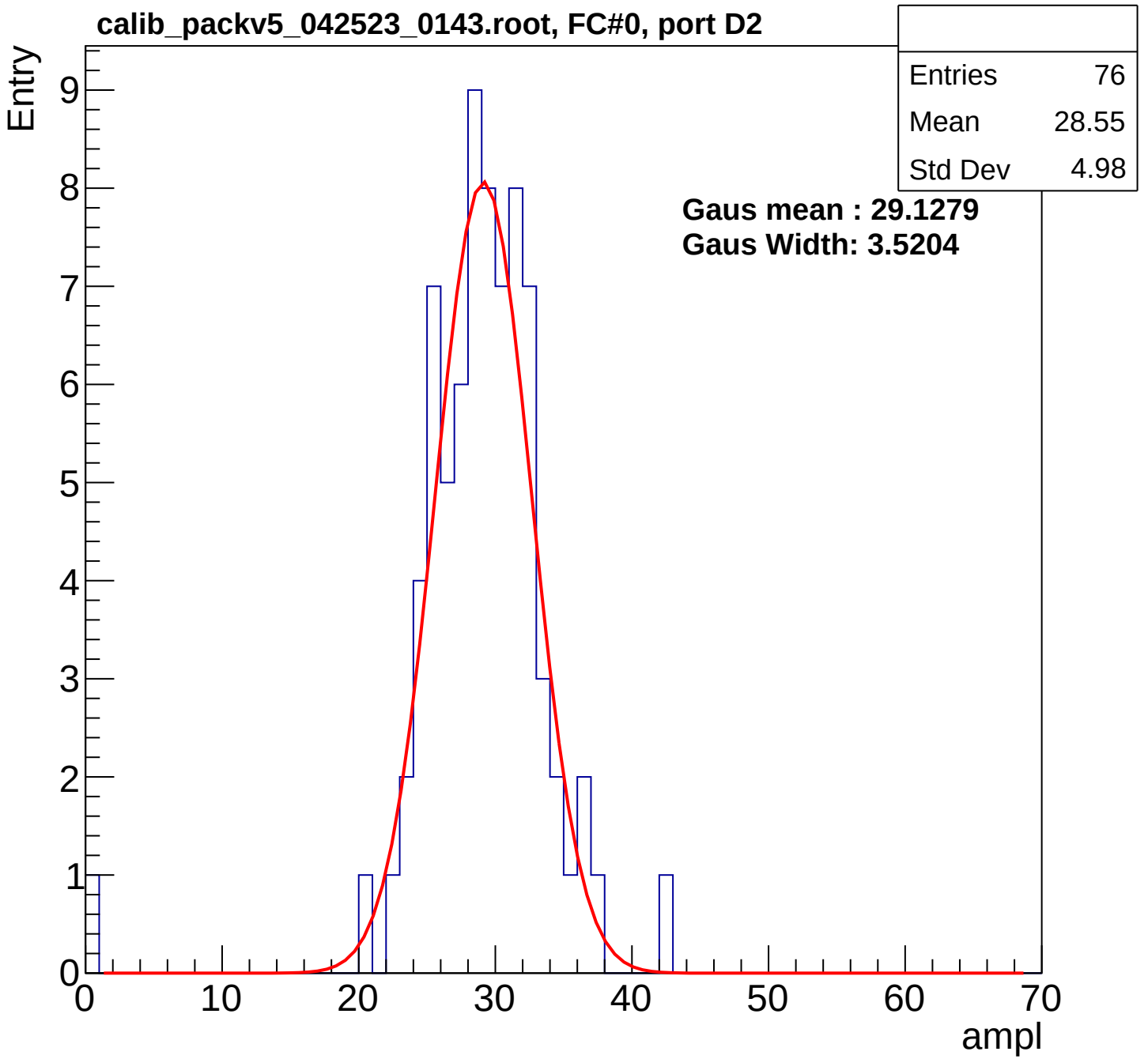

B1L101S, U19-ch39, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 27.33
Std Dev 26.39
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L101S, U19-ch40, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 28.55
Std Dev 4.98
Gaus mean : 29.1279
Gaus Width: 3.5204
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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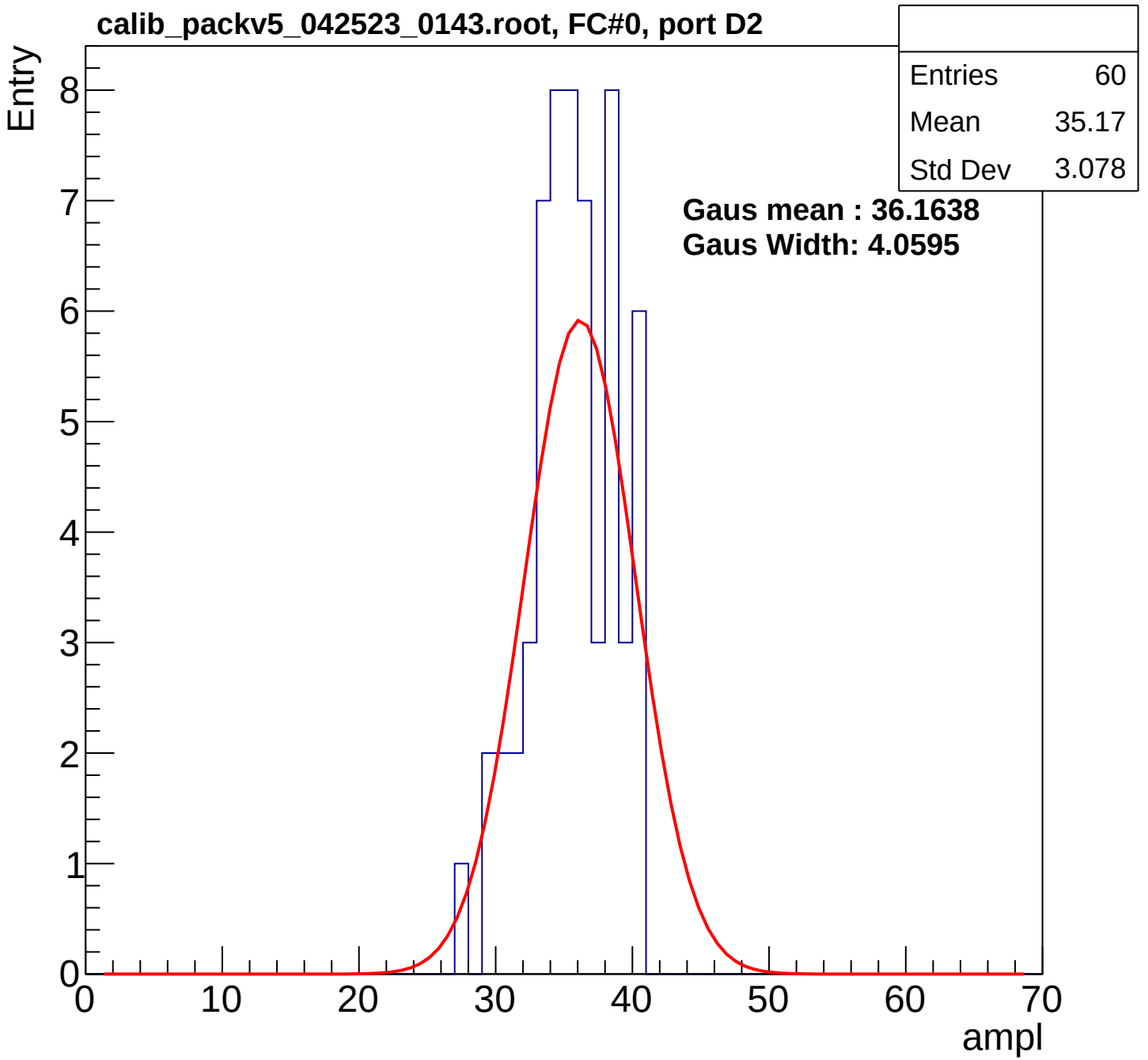
B1L101S, U19-ch40, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 35.17
Std Dev 3.078
Gaus mean : 36.1638
Gaus Width: 4.0595
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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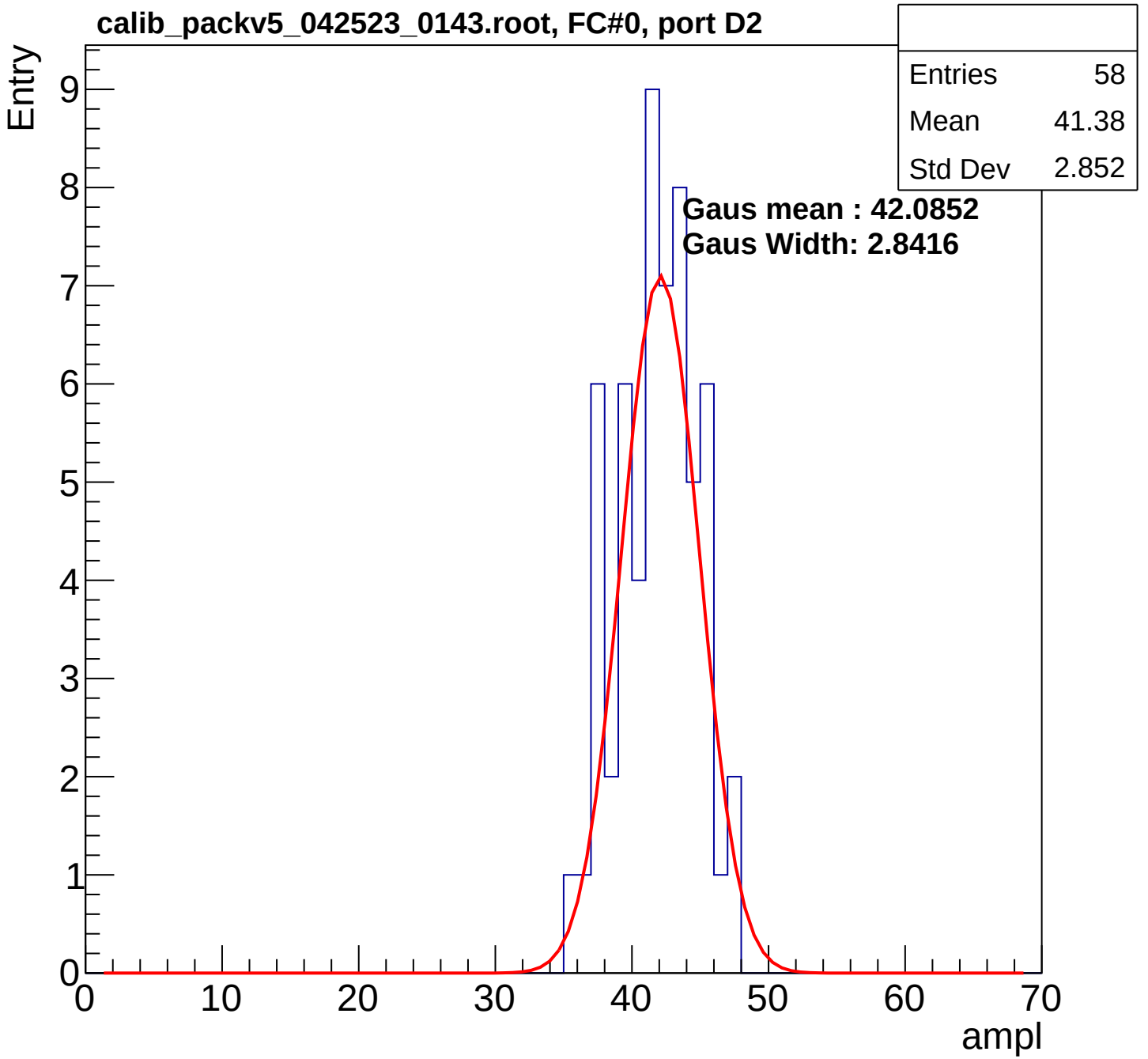
B1L101S, U19-ch40, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 41.38
Std Dev 2.852
Gaus mean : 42.0852
Gaus Width: 2.8416
Entry
ampl
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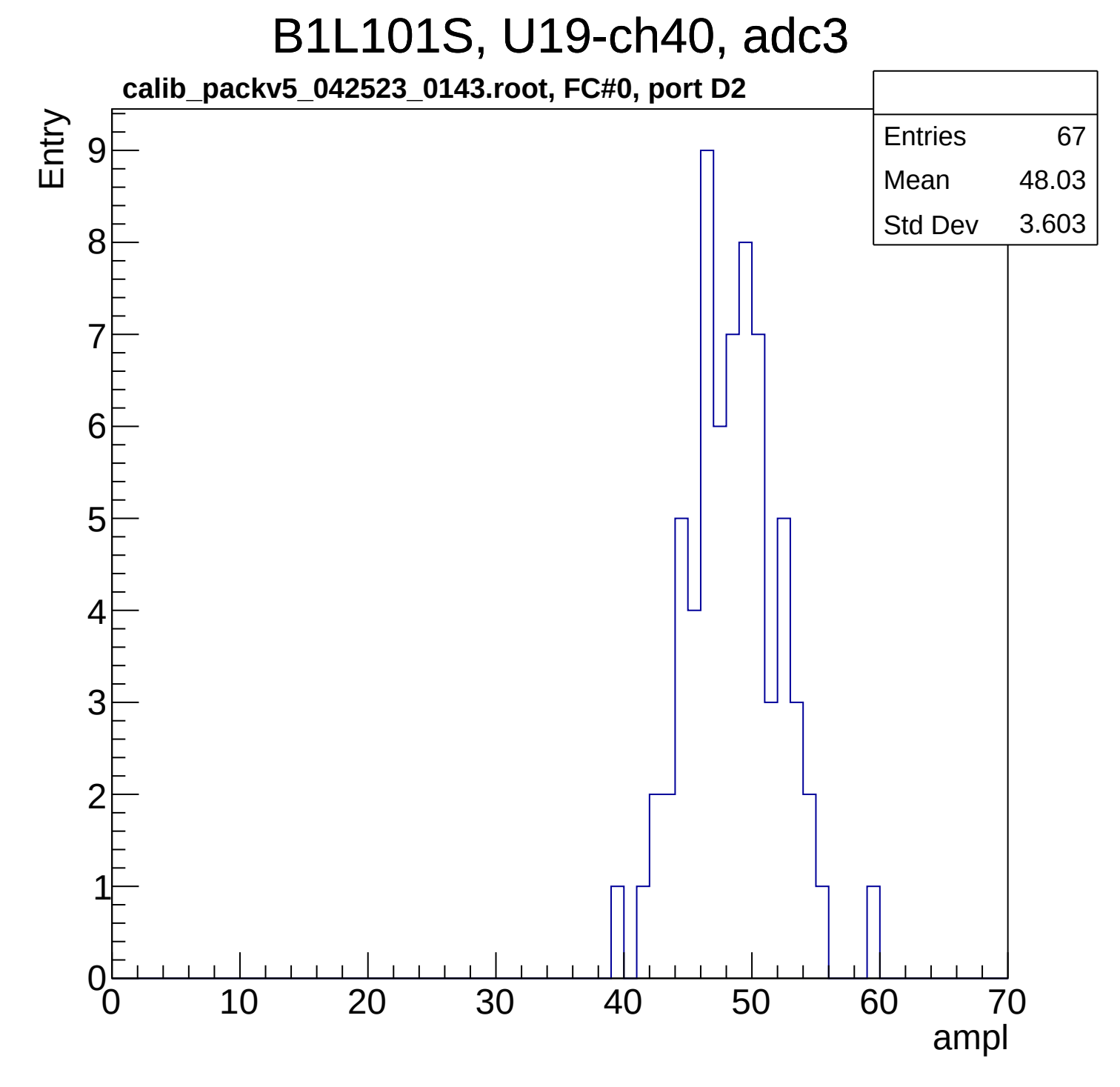
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch40, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 48.03
Std Dev 3.603
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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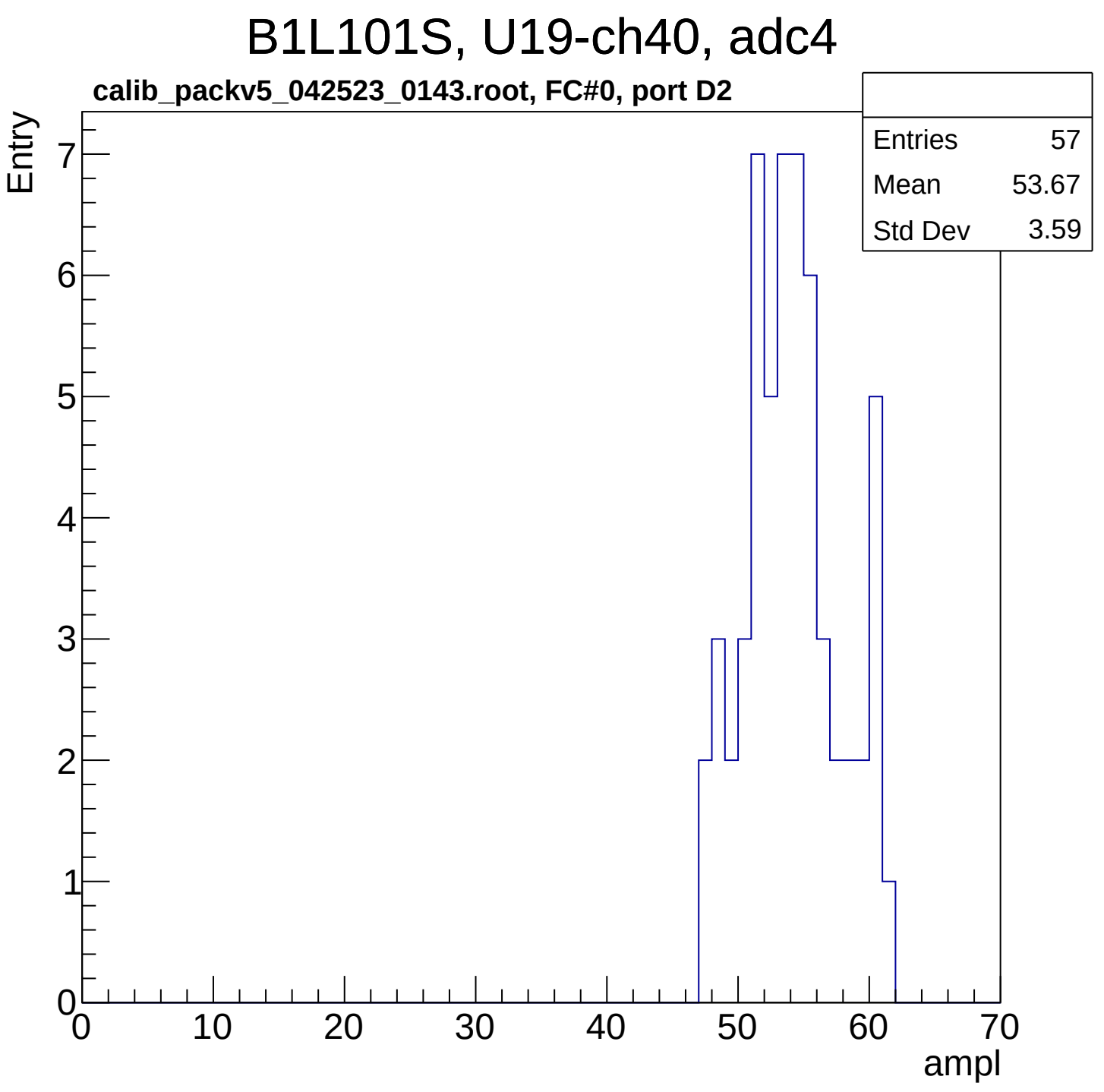
B1L101S, U19-ch40, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 53.67
Std Dev 3.59
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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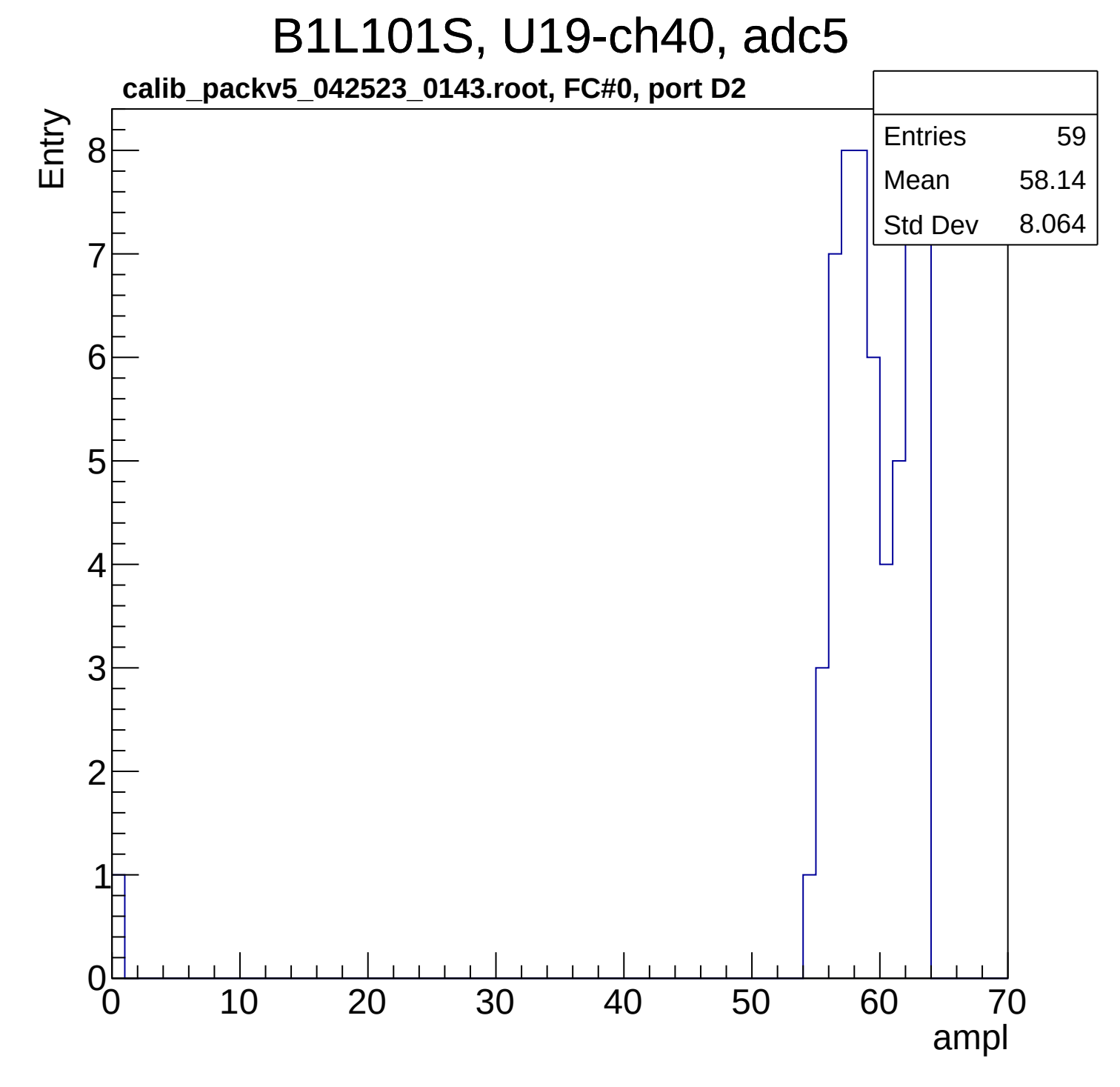
B1L101S, U19-ch40, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 58.14
Std Dev 8.064
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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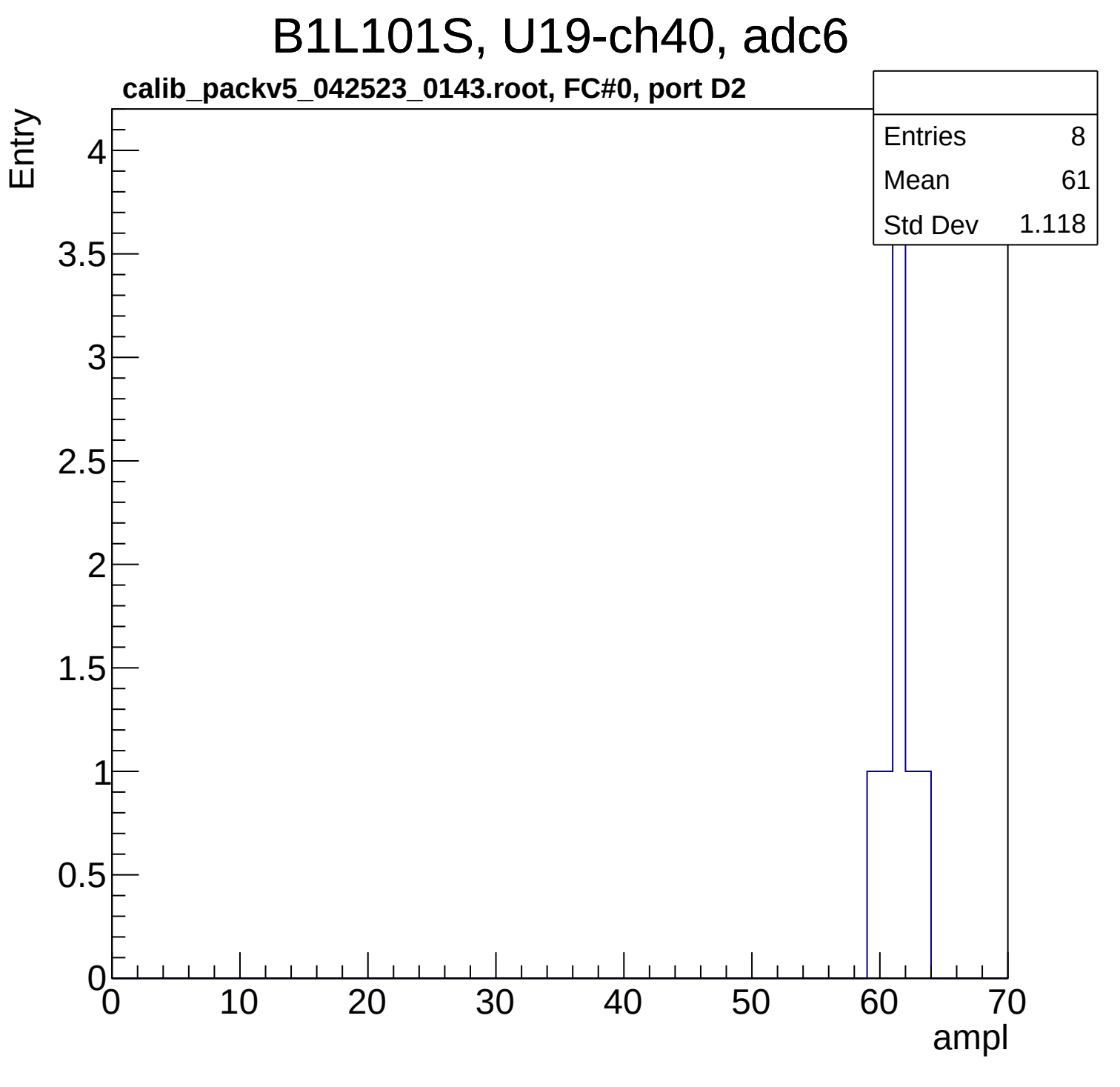
B1L101S, U19-ch40, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 61
Std Dev 1.118
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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20
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40
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60
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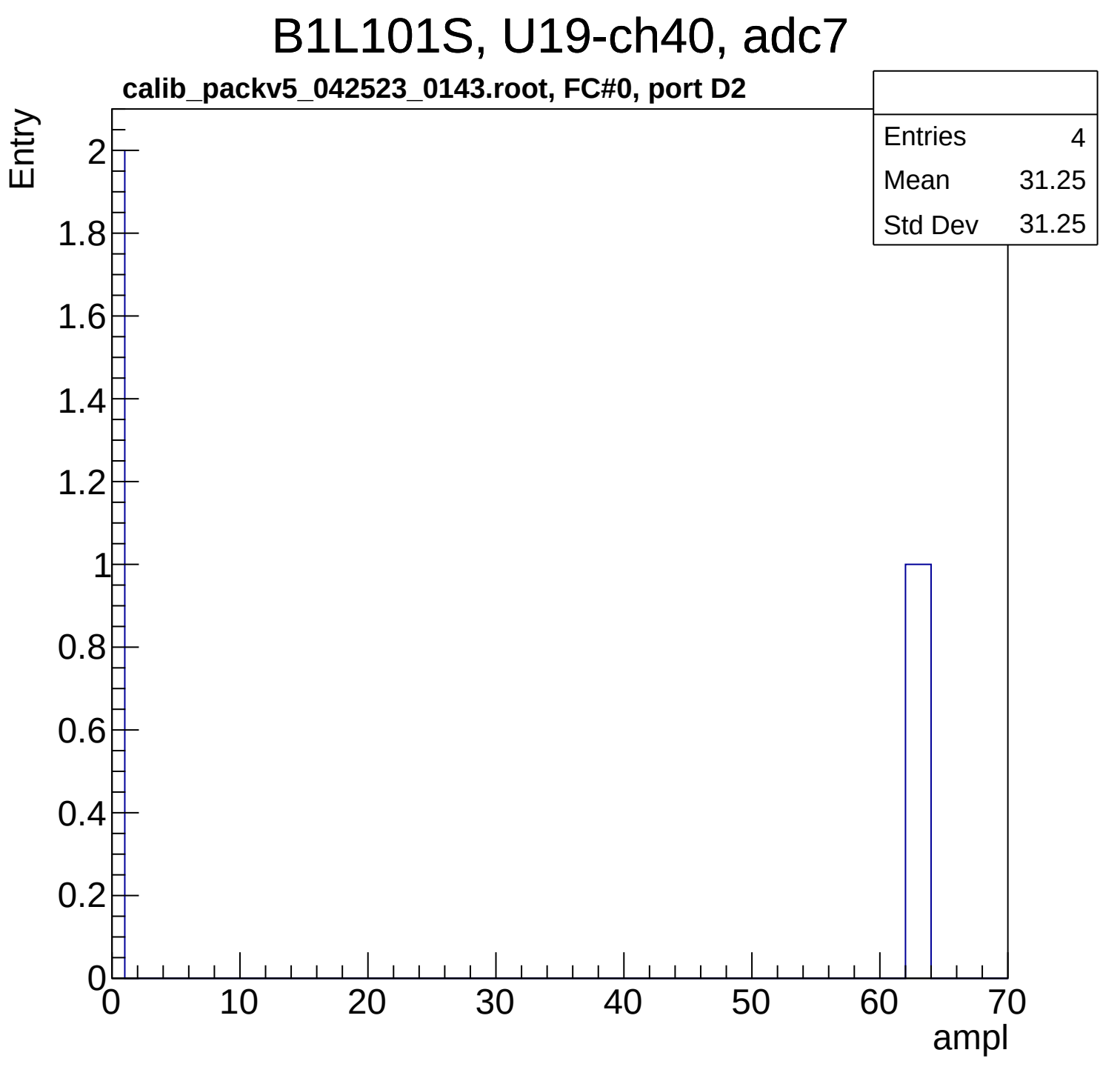
B1L101S, U19-ch40, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 31.25
Std Dev 31.25
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
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40
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60
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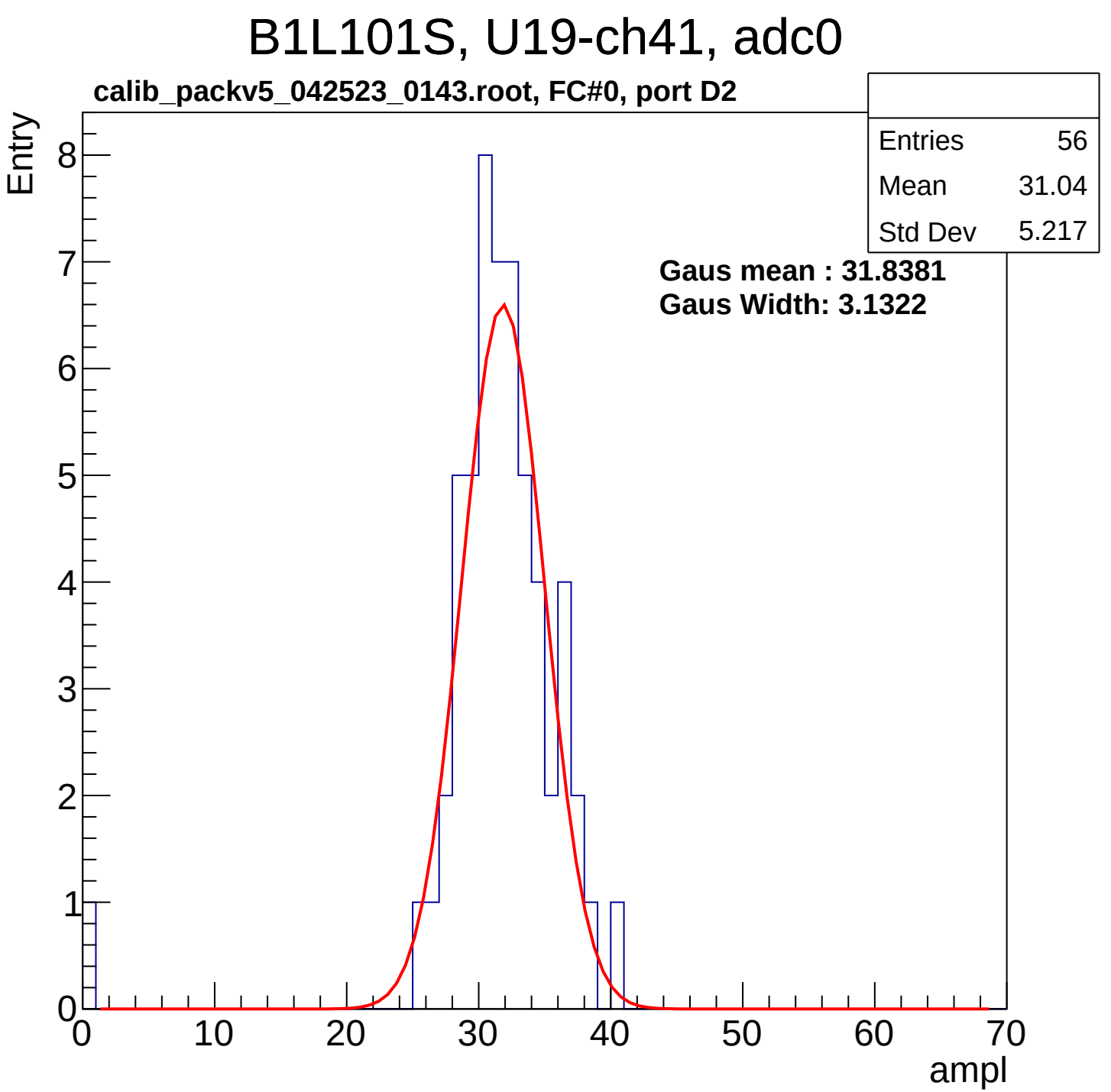
B1L101S, U19-ch41, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 31.04
Std Dev 5.217
Gaus mean : 31.8381
Gaus Width: 3.1322
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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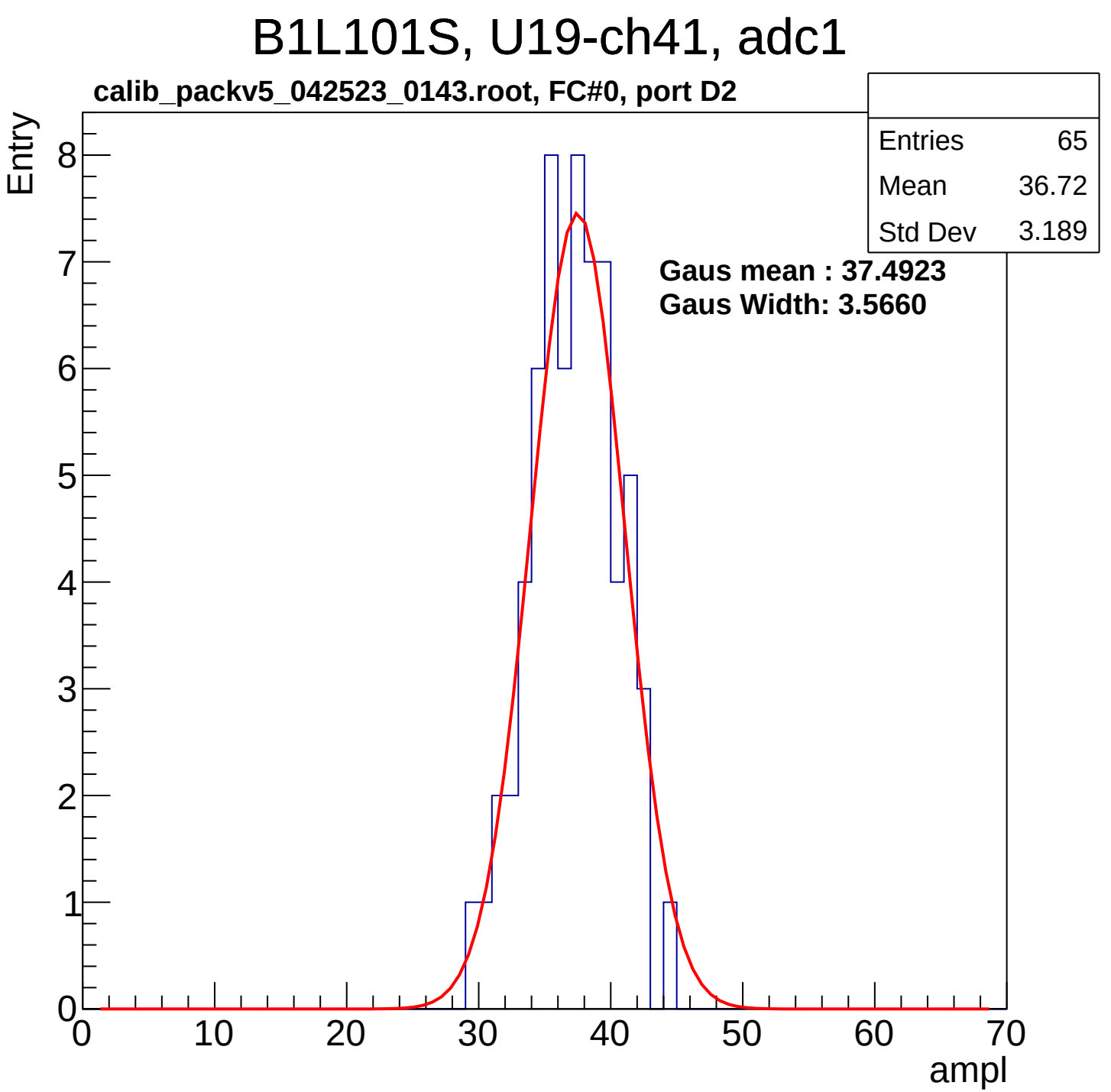
40
50
60
70


B1L101S, U19-ch41, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 36.72
Std Dev 3.189
Gaus mean : 37.4923
Gaus Width: 3.5660
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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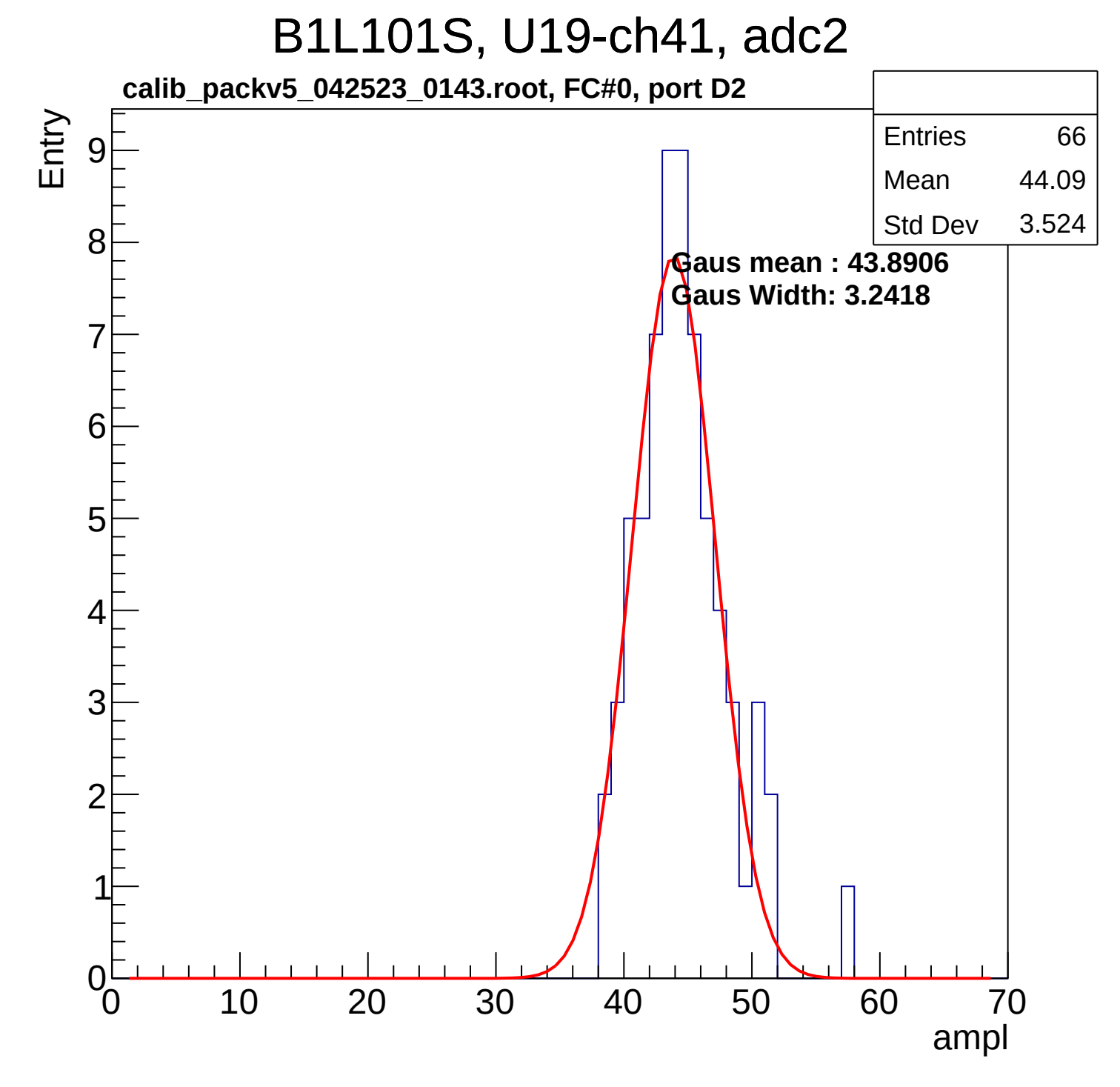
B1L101S, U19-ch41, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 44.09
Std Dev 3.524
Gaus mean : 43.8906
Gaus Width: 3.2418
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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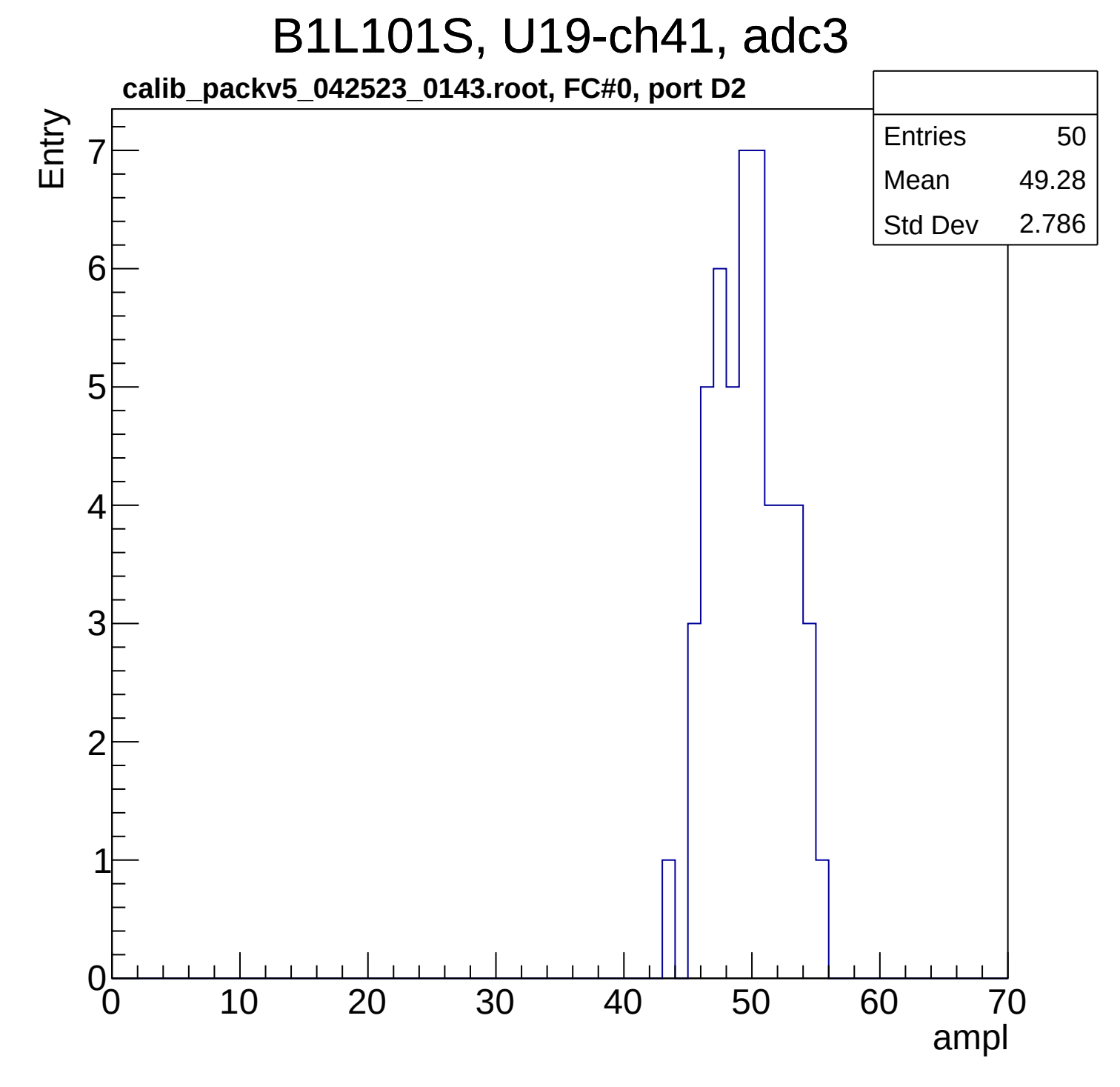
B1L101S, U19-ch41, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 49.28
Std Dev 2.786
Entry
ampl
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4
5
6
7
0
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20
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40
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60
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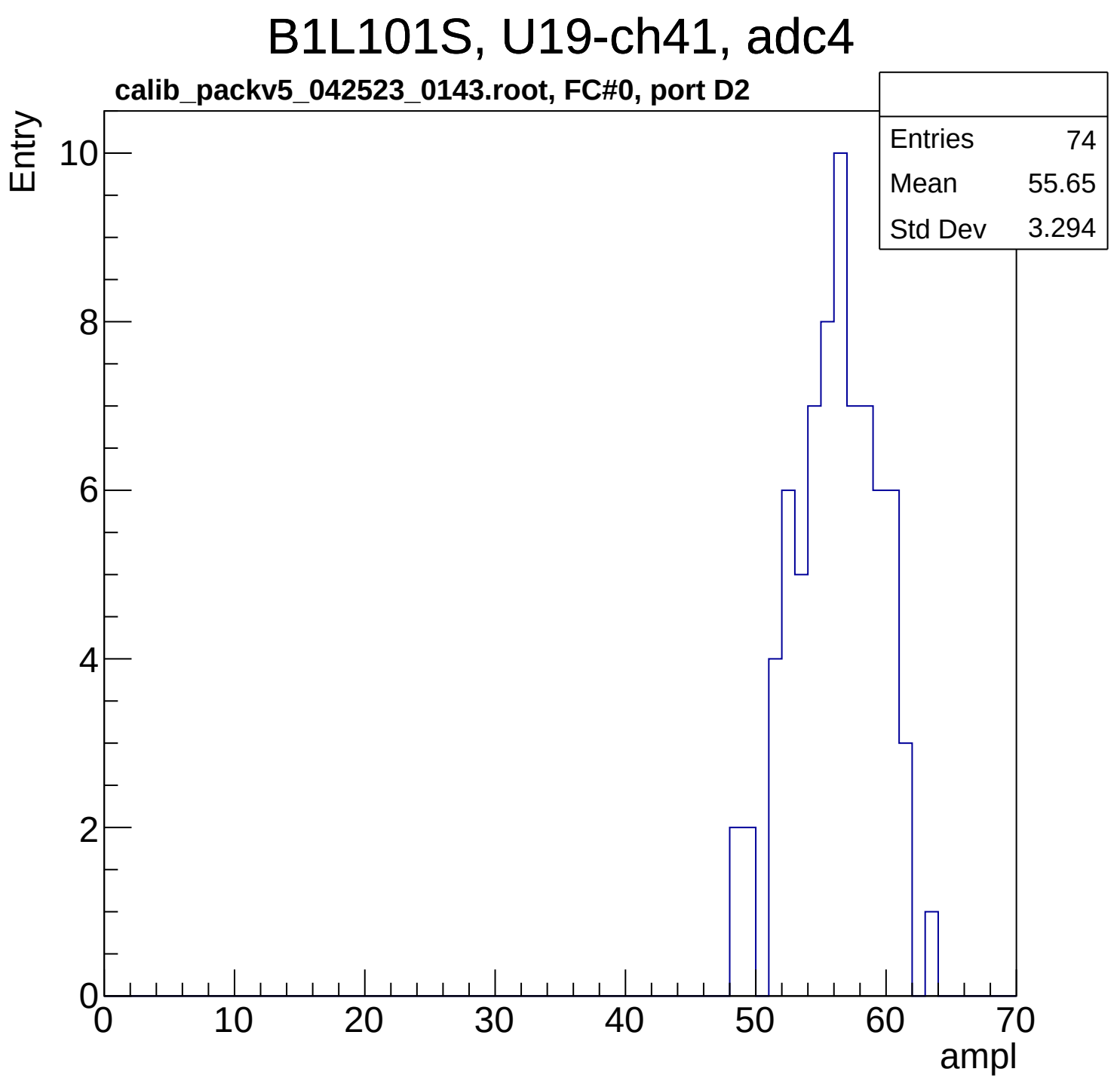
B1L101S, U19-ch41, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 55.65
Std Dev 3.294
Entry
ampl
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0
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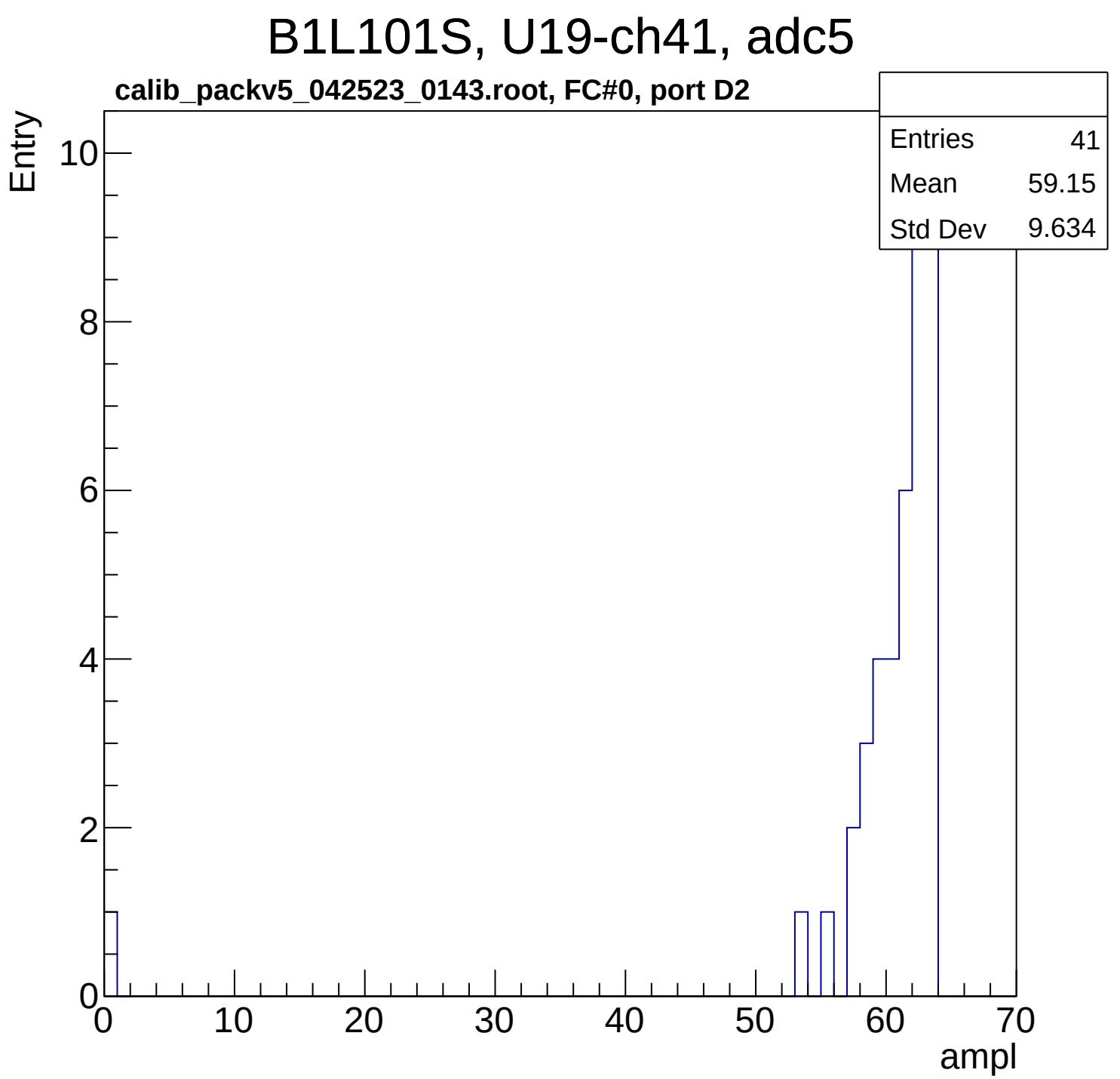
50
60
70


B1L101S, U19-ch41, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 59.15
Std Dev 9.634
Entry
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4
6
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10
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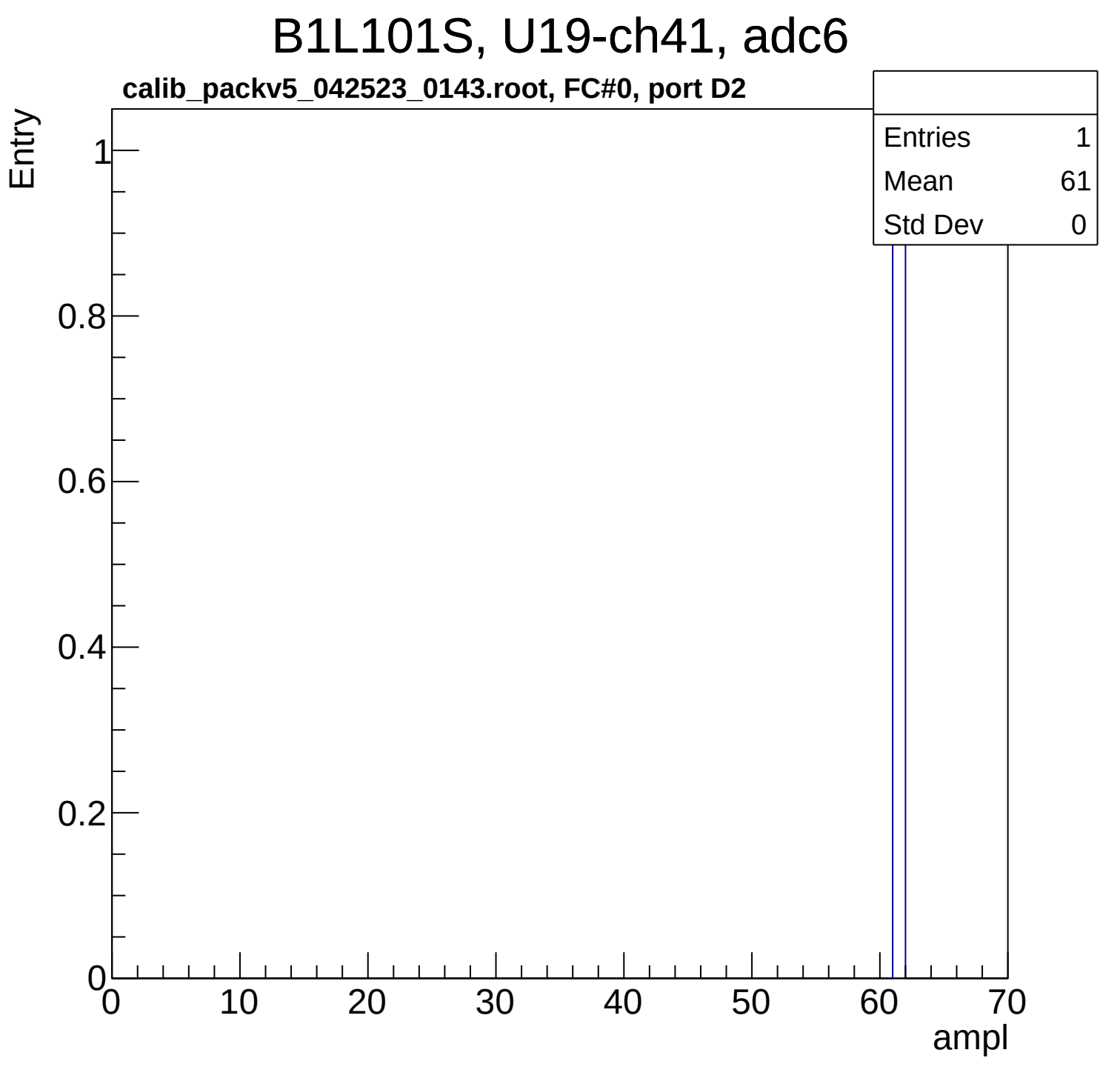
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch41, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 61
Std Dev 0
Entry
1
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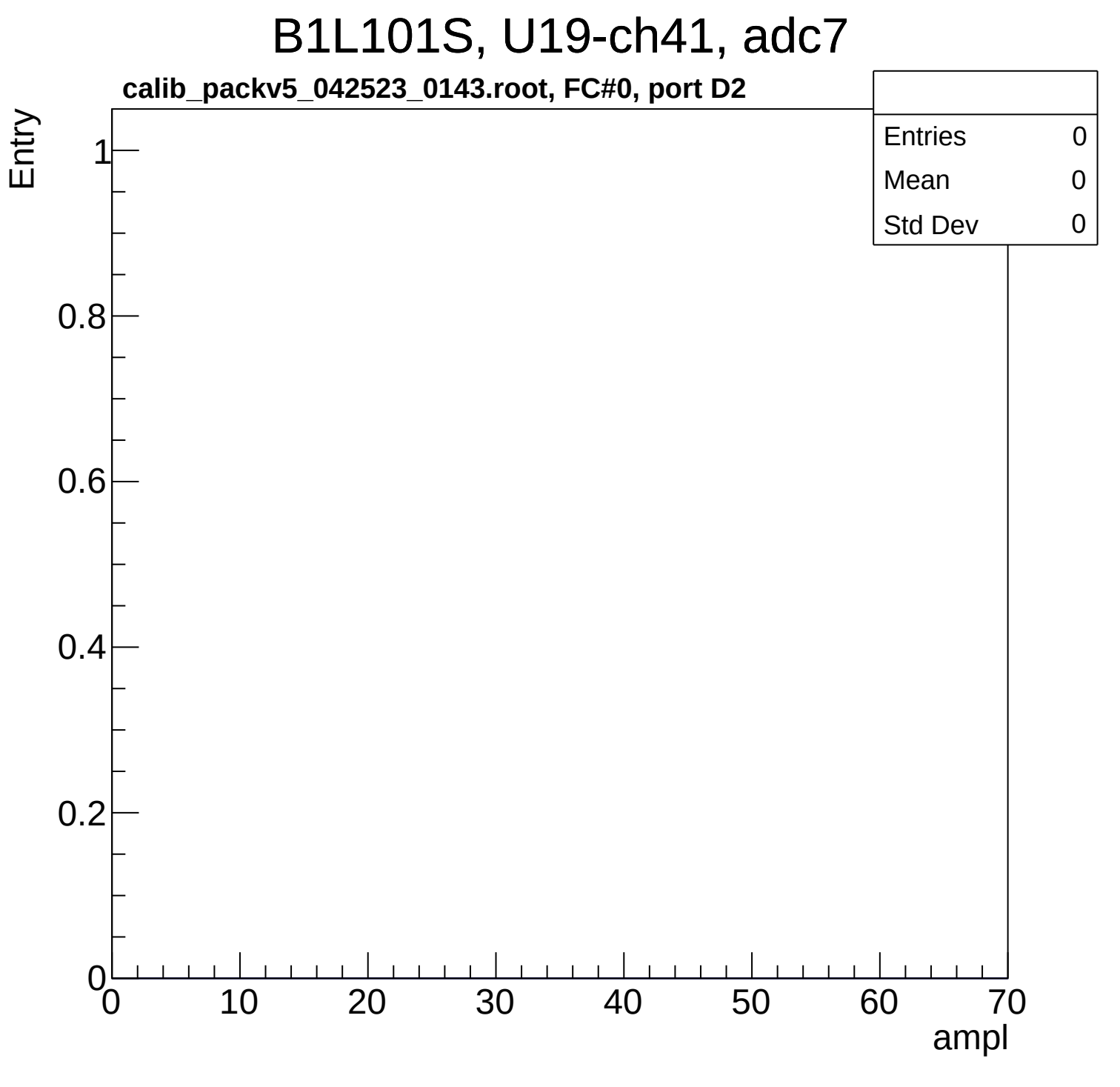
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch41, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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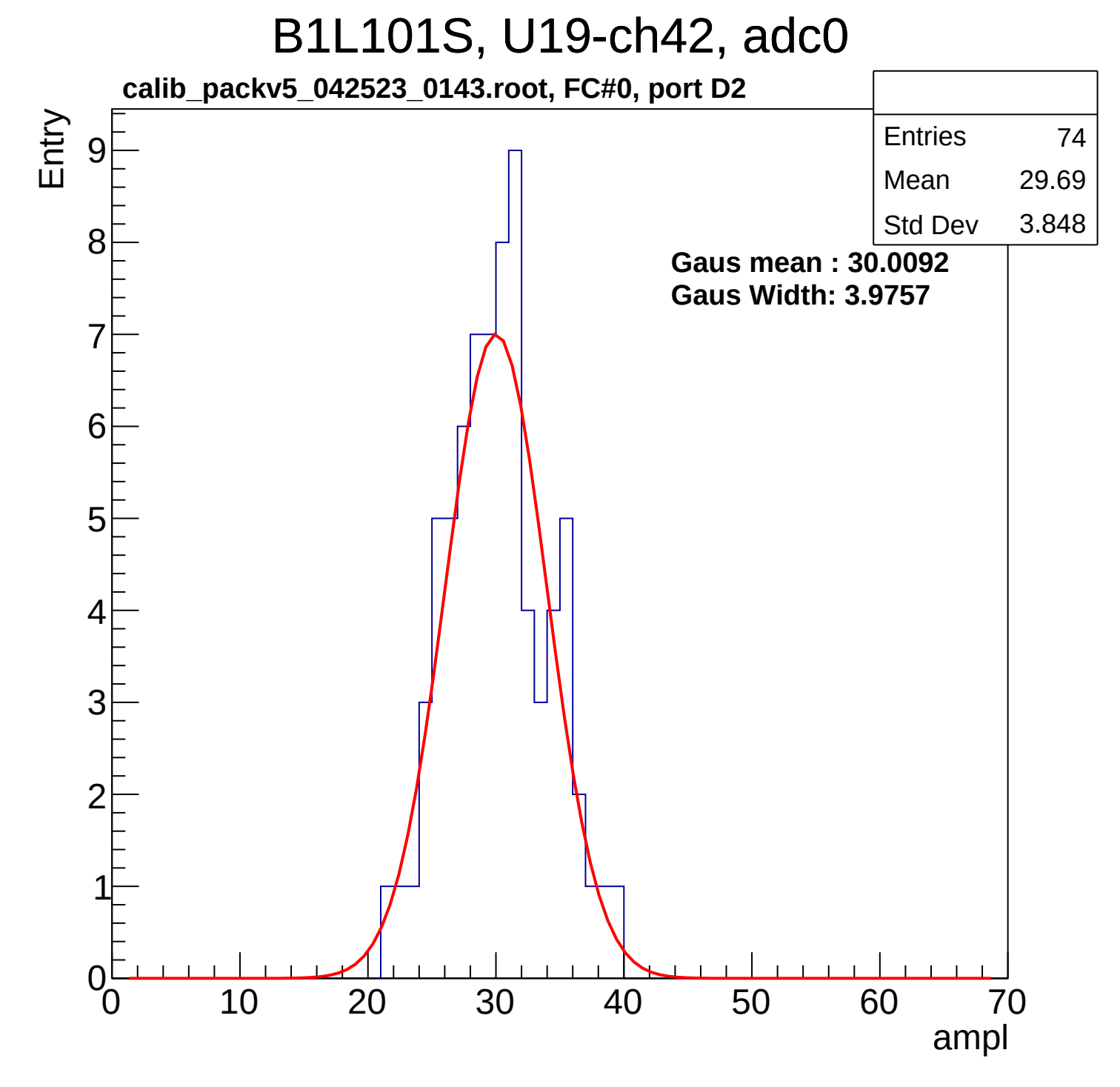
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch42, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 29.69
Std Dev 3.848
Gaus mean : 30.0092
Gaus Width: 3.9757
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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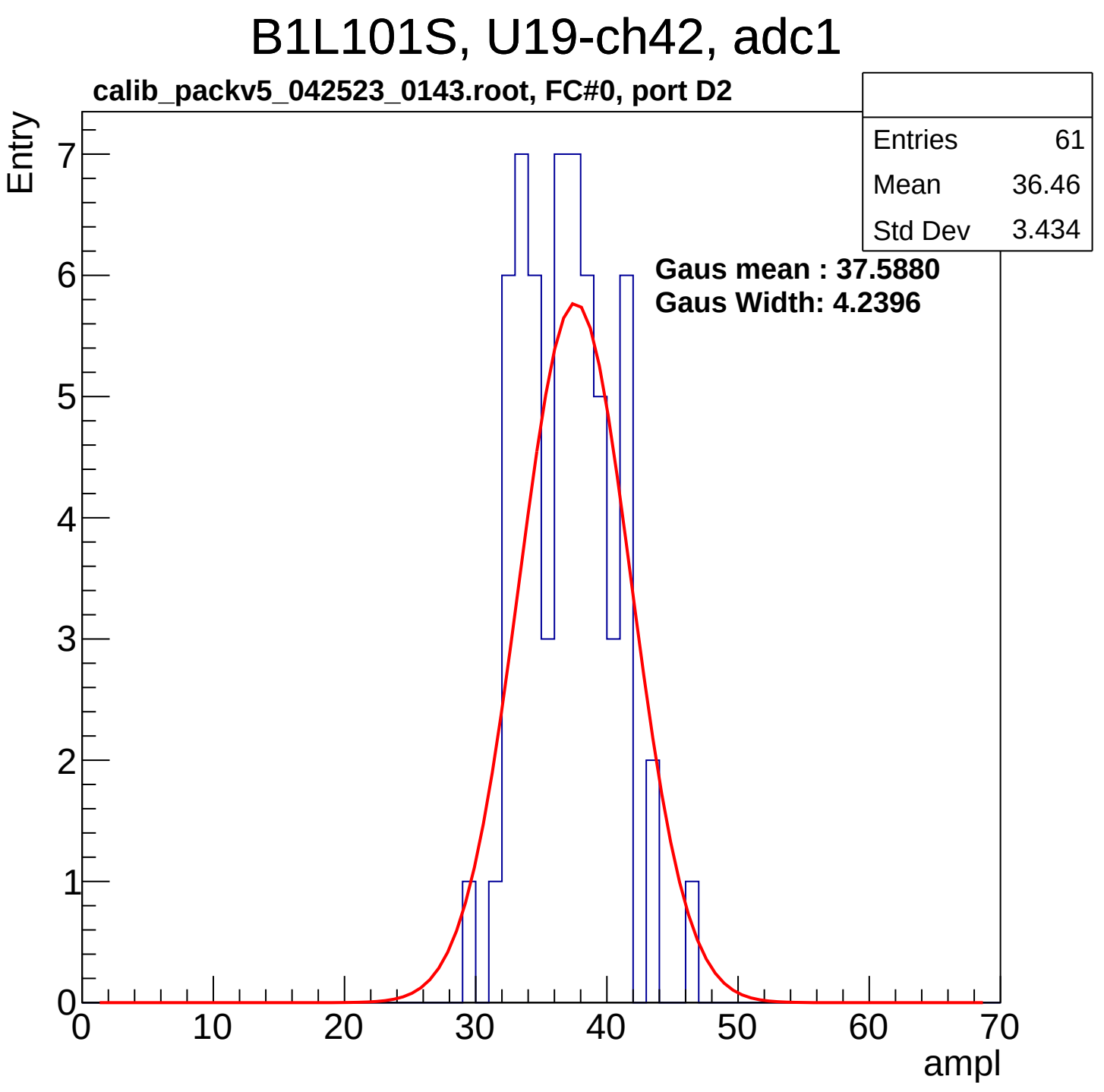
B1L101S, U19-ch42, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 36.46
Std Dev 3.434
Gaus mean : 37.5880
Gaus Width: 4.2396
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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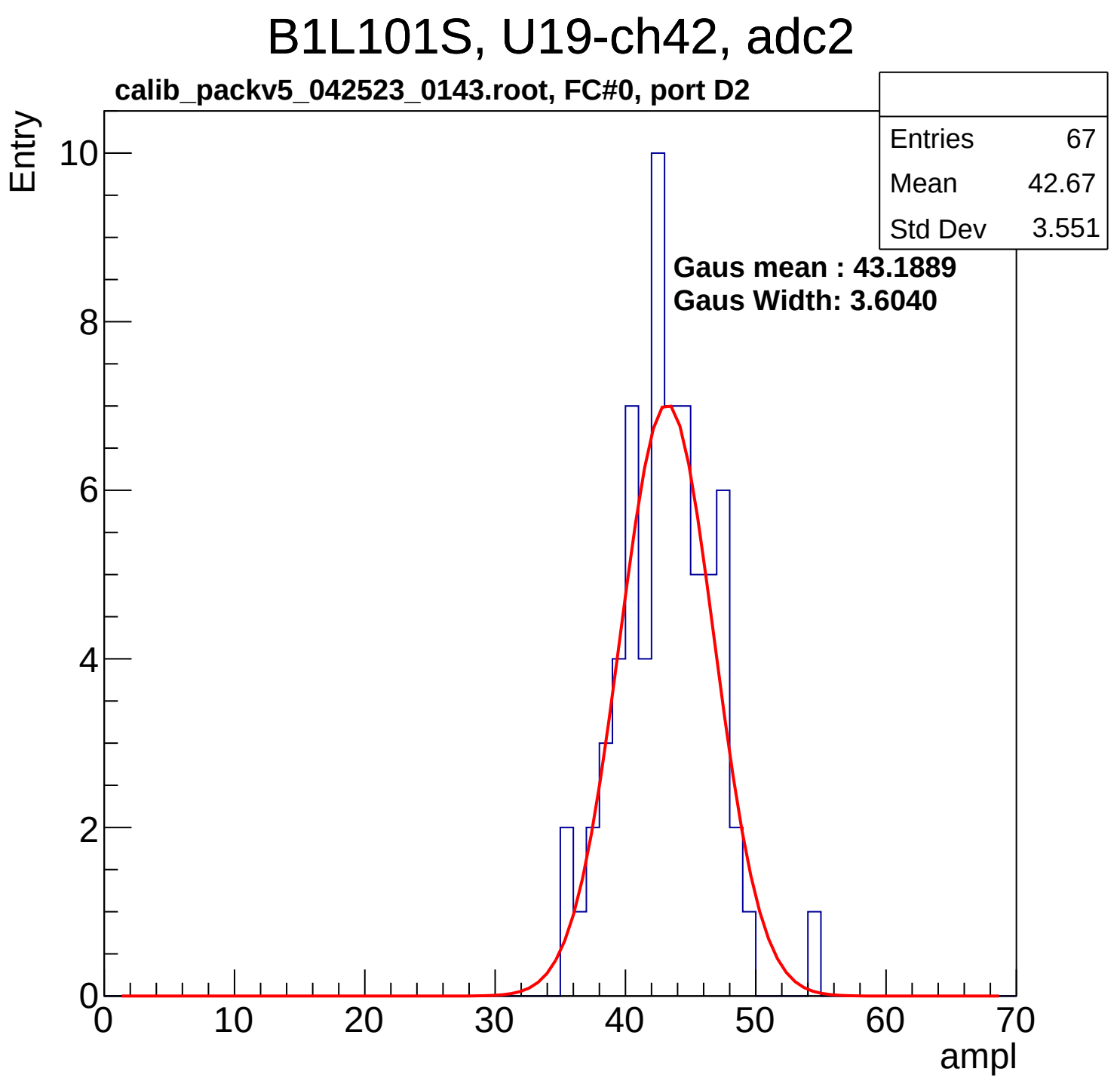
B1L101S, U19-ch42, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 42.67
Std Dev 3.551
Gaus mean : 43.1889
Gaus Width: 3.6040
Entry
ampl
0
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4
6
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0
10
20
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40
50
60
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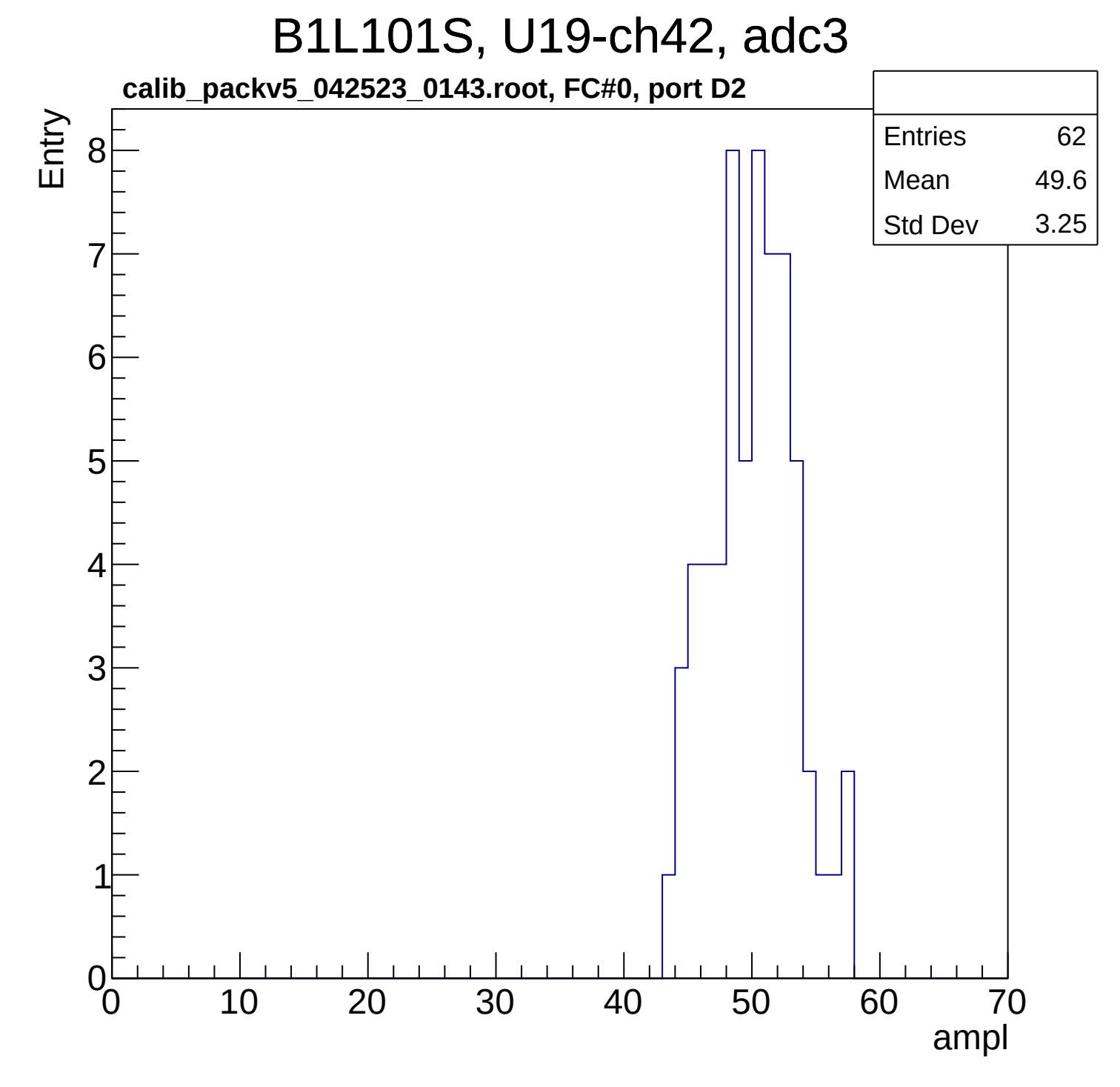
B1L101S, U19-ch42, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 49.6
Std Dev 3.25
Entry
ampl
0
1
2
3
4
5
6
7
8
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60
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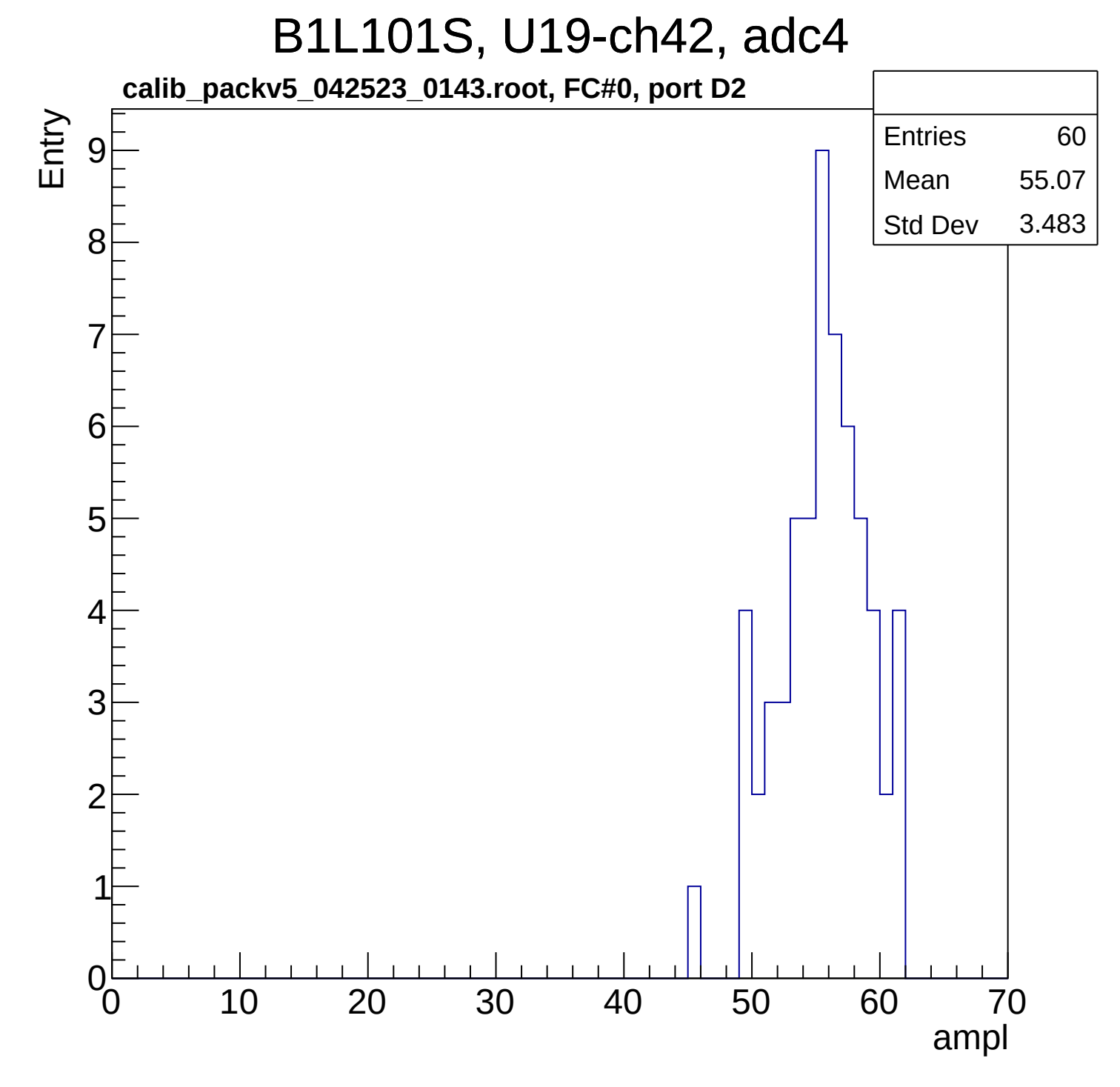
B1L101S, U19-ch42, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 55.07
Std Dev 3.483
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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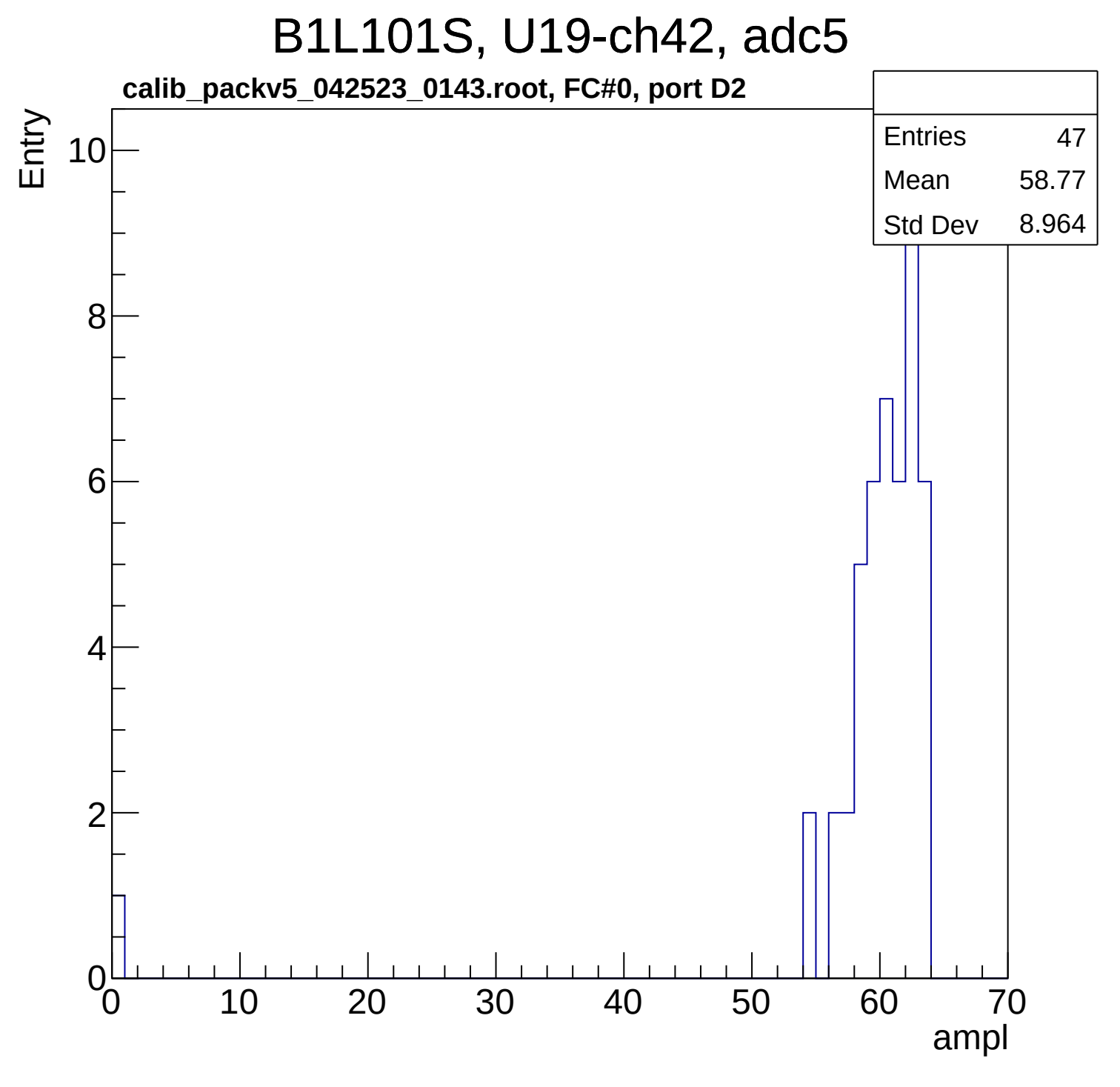
B1L101S, U19-ch42, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 58.77
Std Dev 8.964
Entry
0
2
4
6
8
10
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10
20
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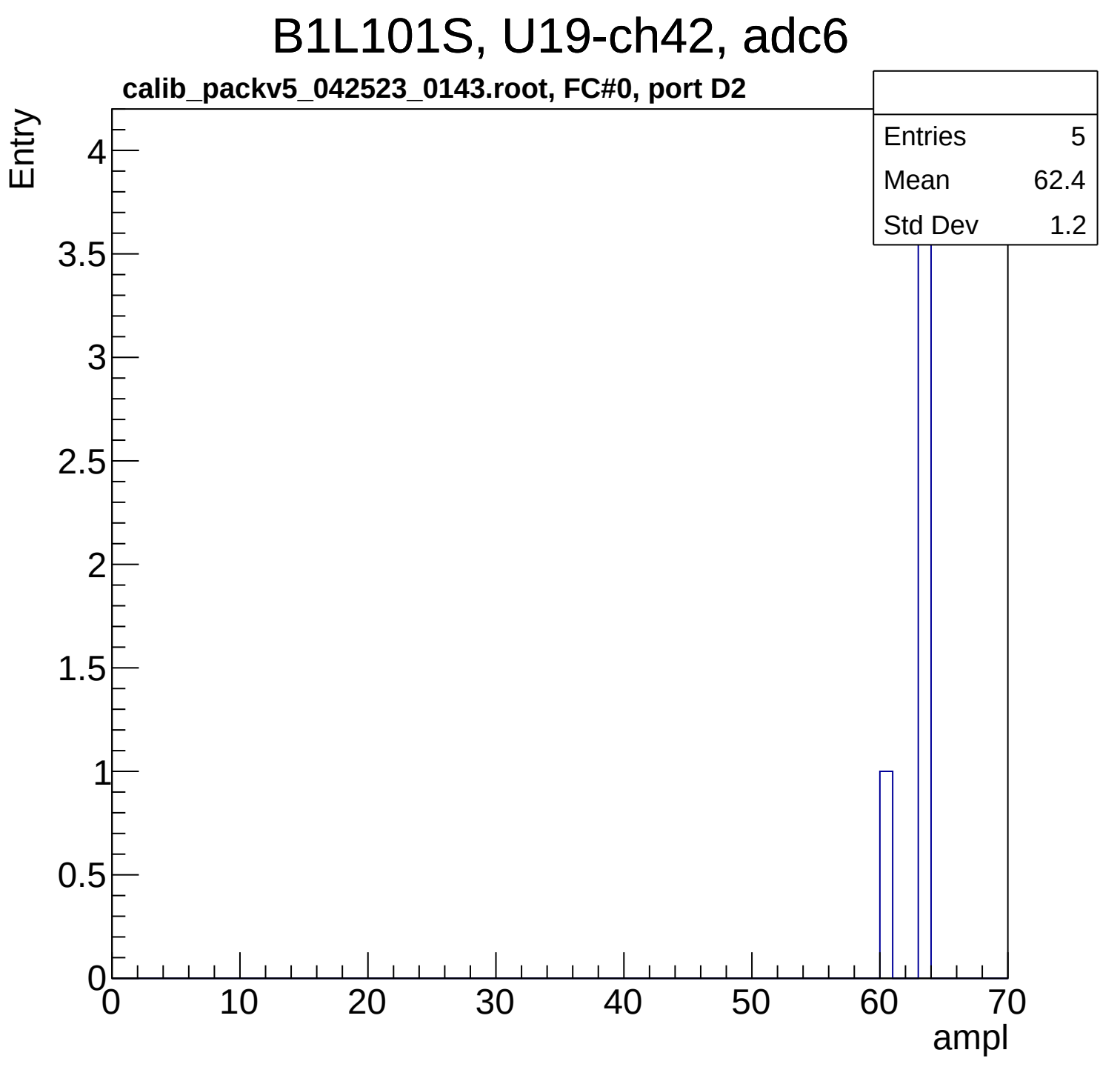
50
60
70
ampl


B1L101S, U19-ch42, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 62.4
Std Dev 1.2
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
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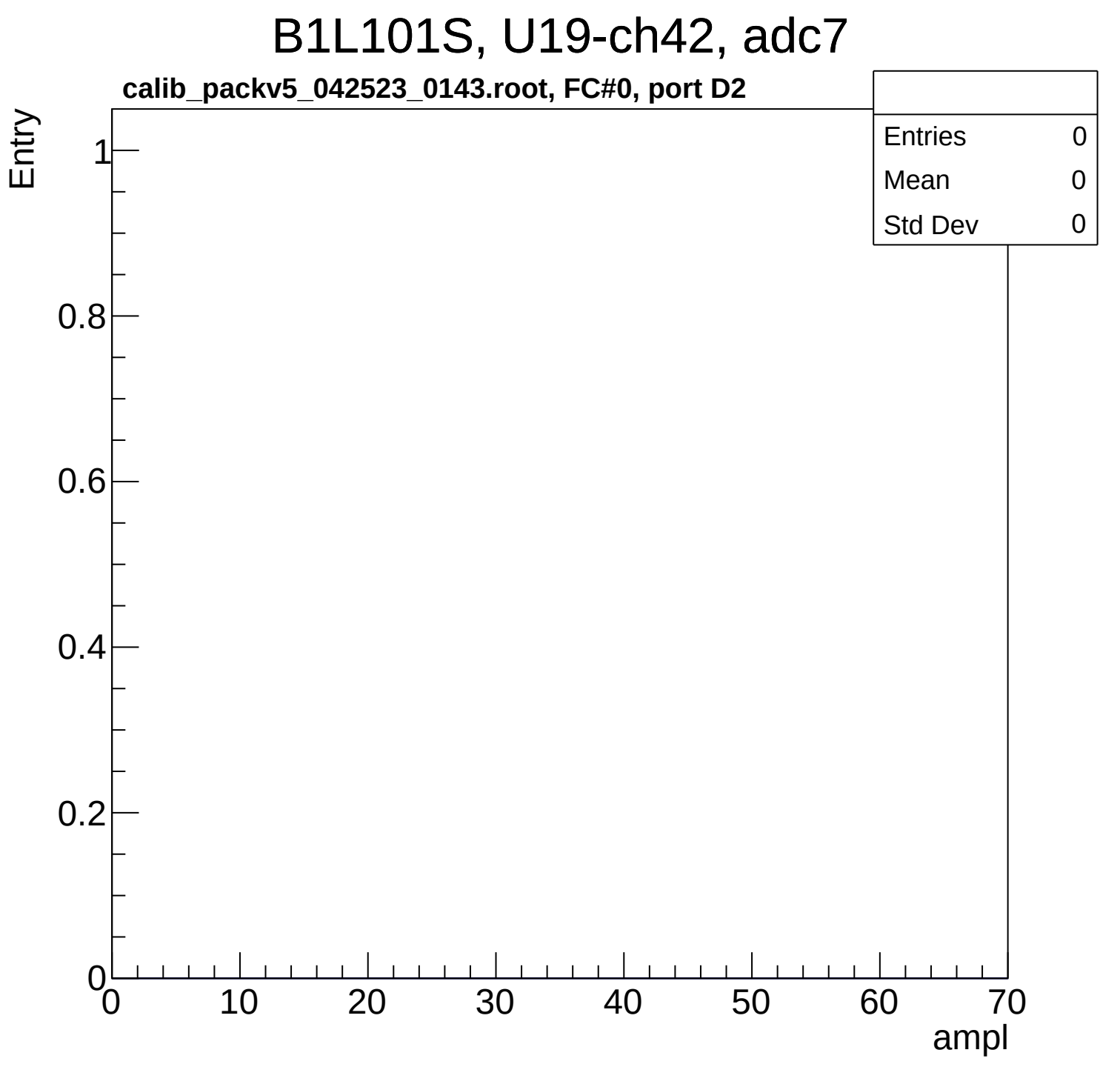
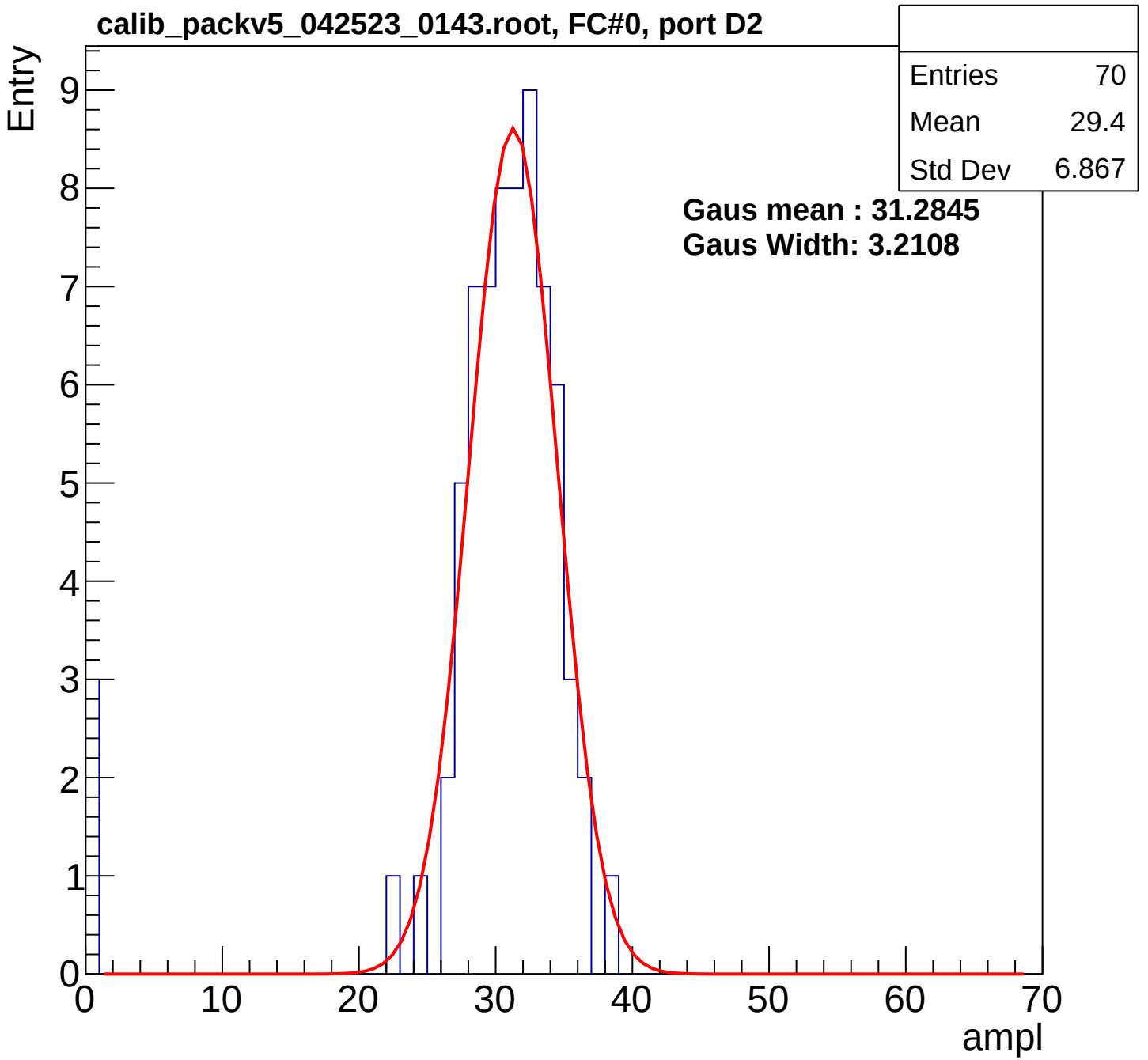
20
30
40
50
60
70


B1L101S, U19-ch42, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch43, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 29.4
Std Dev 6.867
Gaus mean : 31.2845
Gaus Width: 3.2108
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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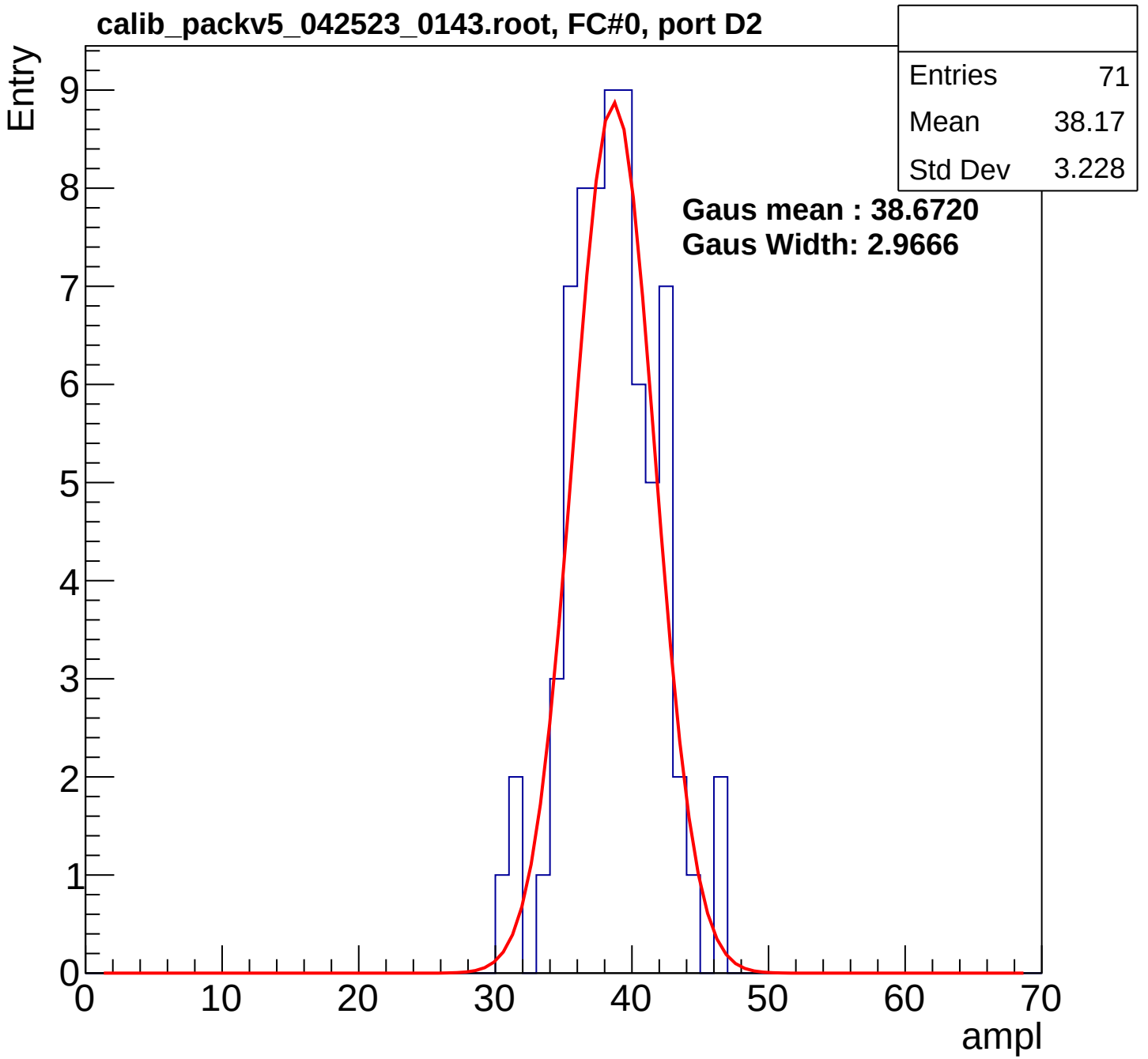
B1L101S, U19-ch43, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 38.17
Std Dev 3.228
Gaus mean : 38.6720
Gaus Width: 2.9666
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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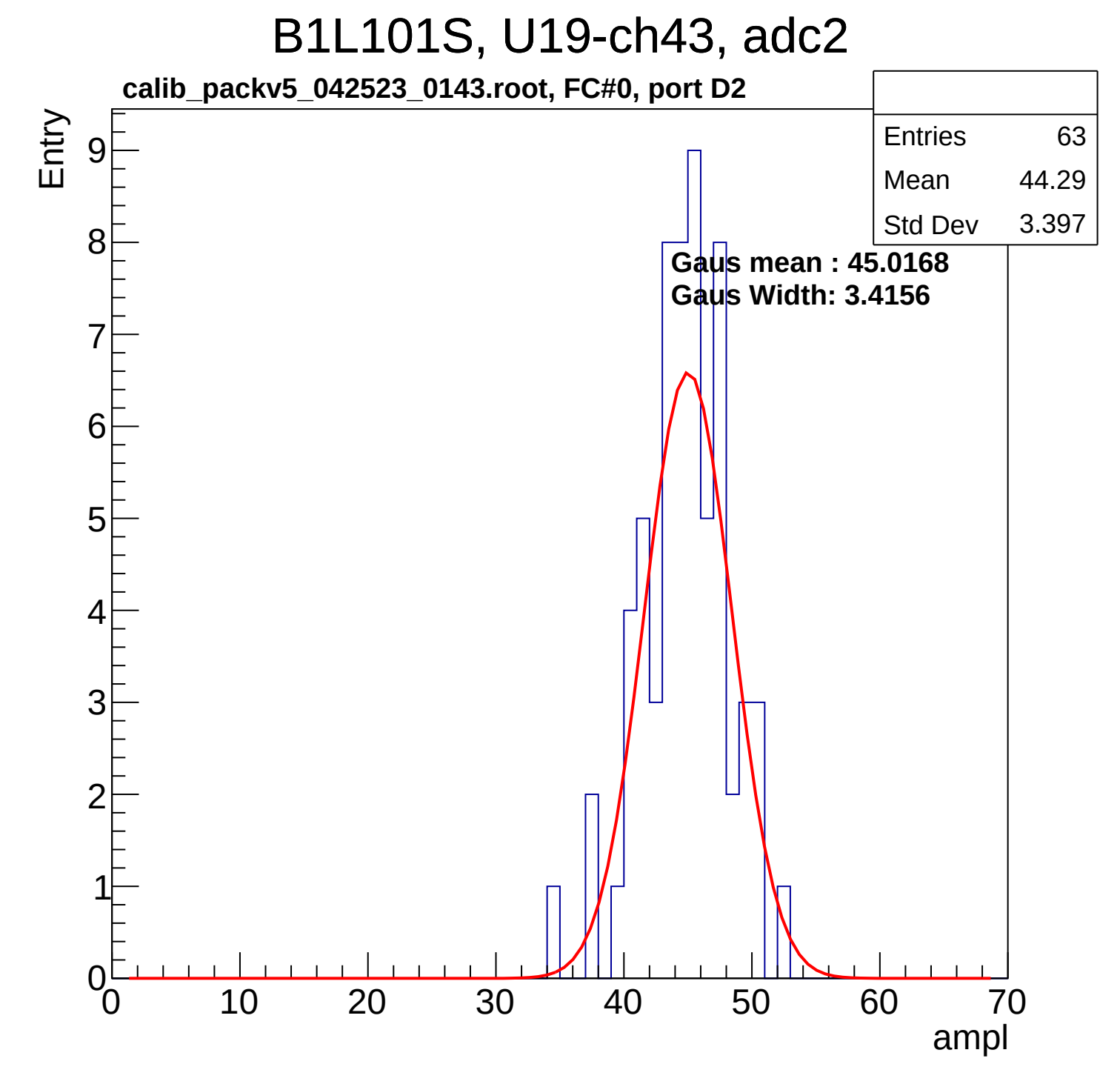
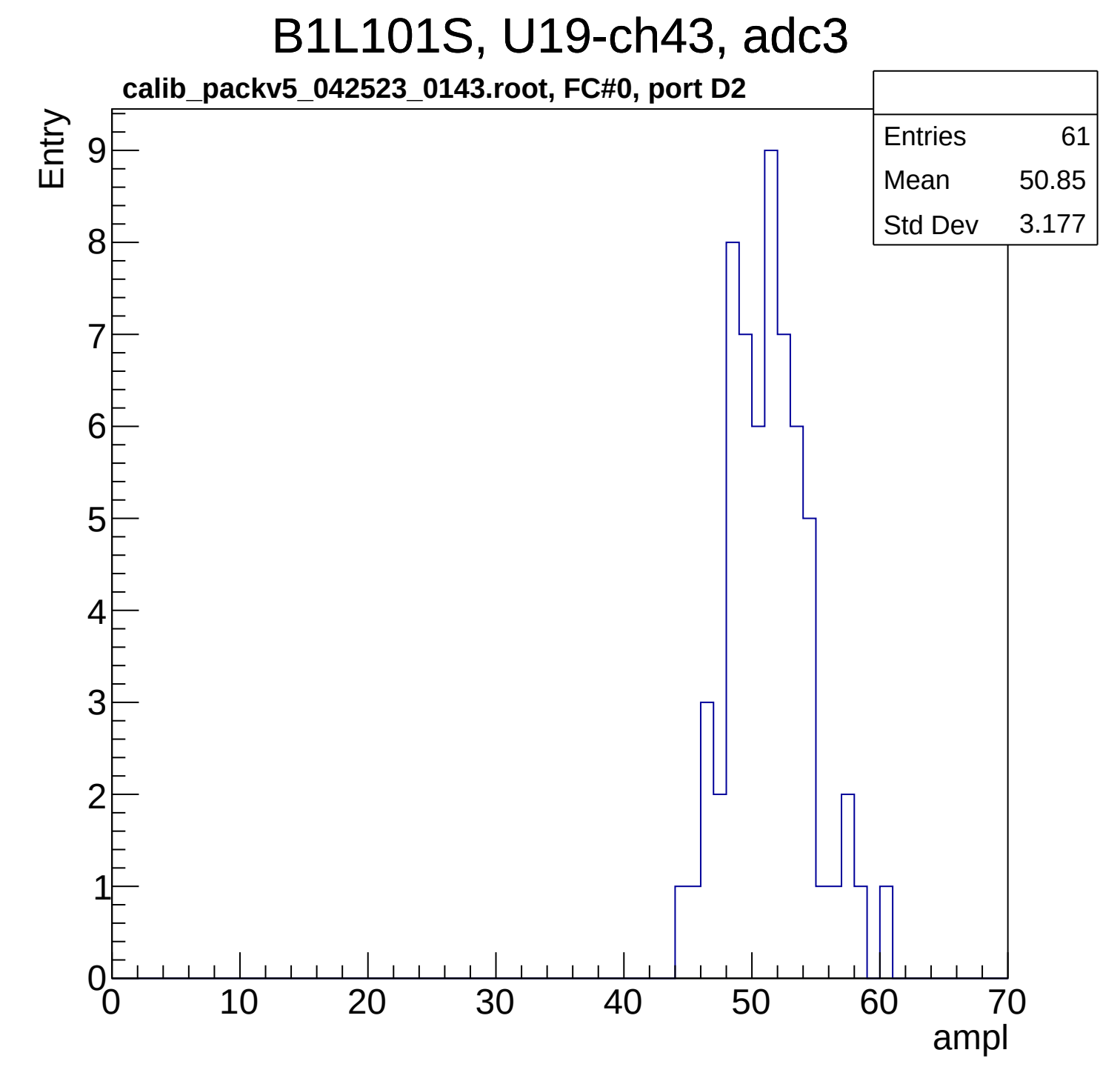

B1L101S, U19-ch43, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 44.29
Std Dev 3.397
Gaus mean : 45.0168
Gaus Width: 3.4156
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch43, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 50.85
Std Dev 3.177
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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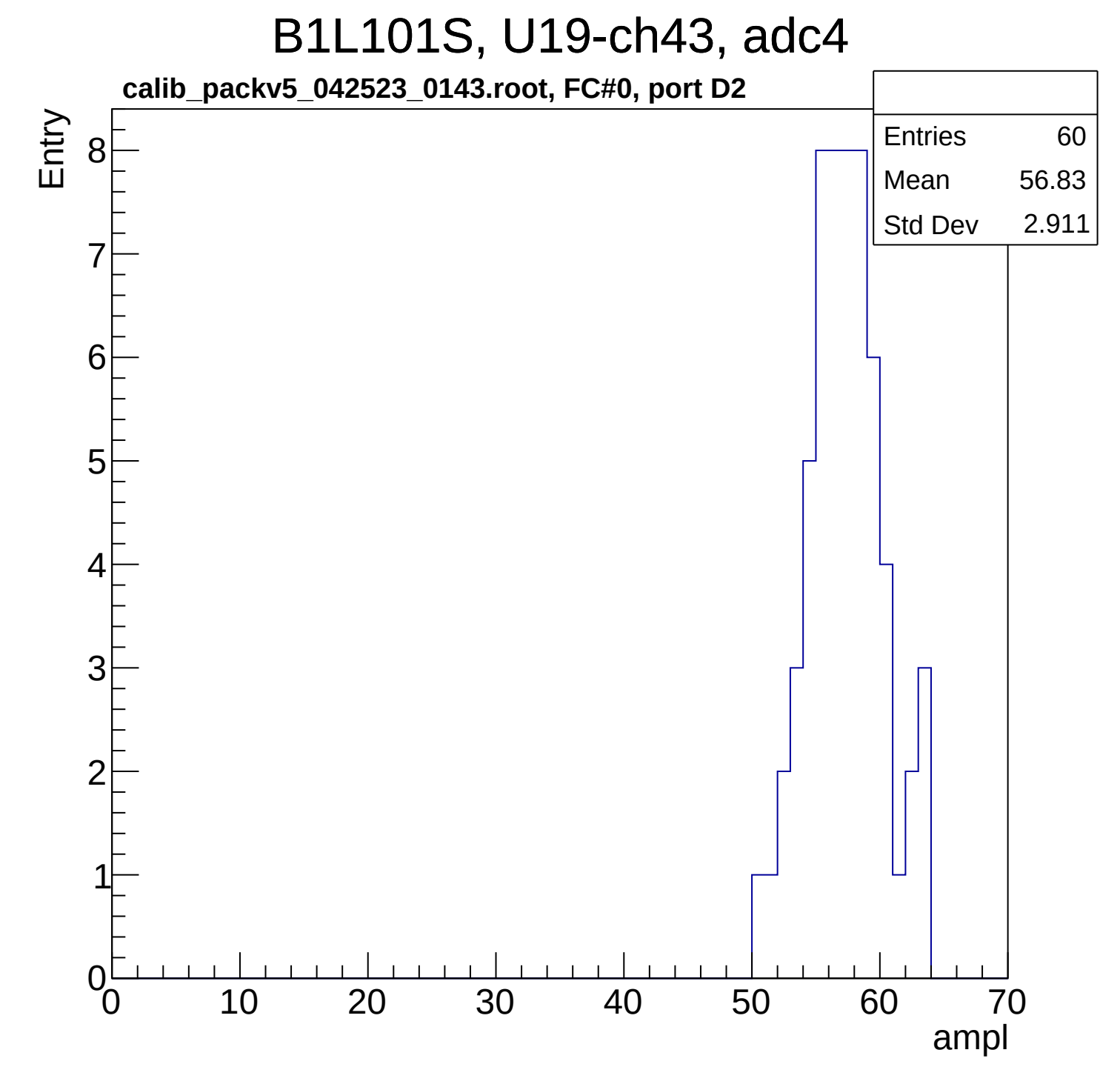
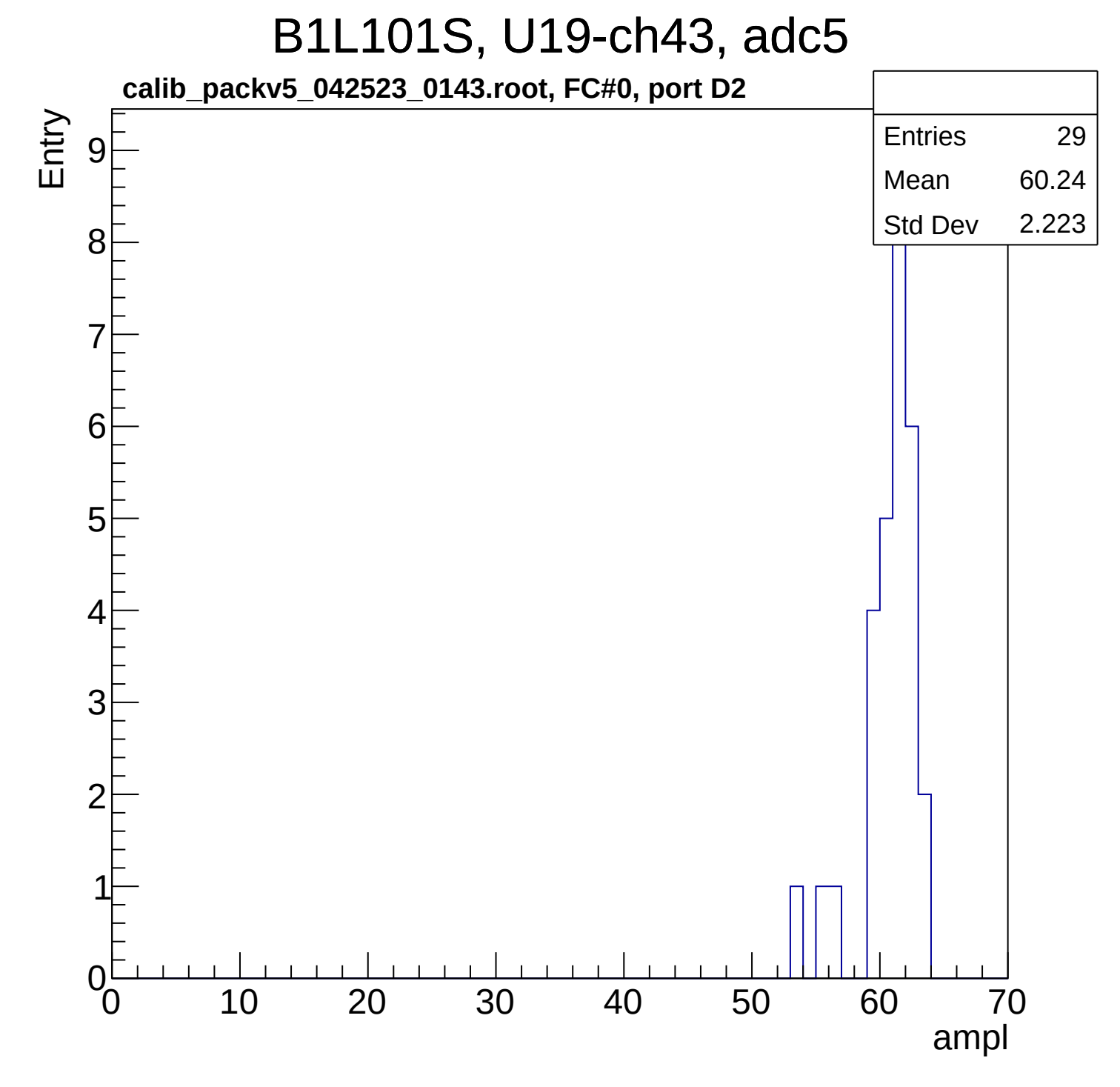

B1L101S, U19-ch43, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 56.83
Std Dev 2.911
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch43, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 29
Mean 60.24
Std Dev 2.223
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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60
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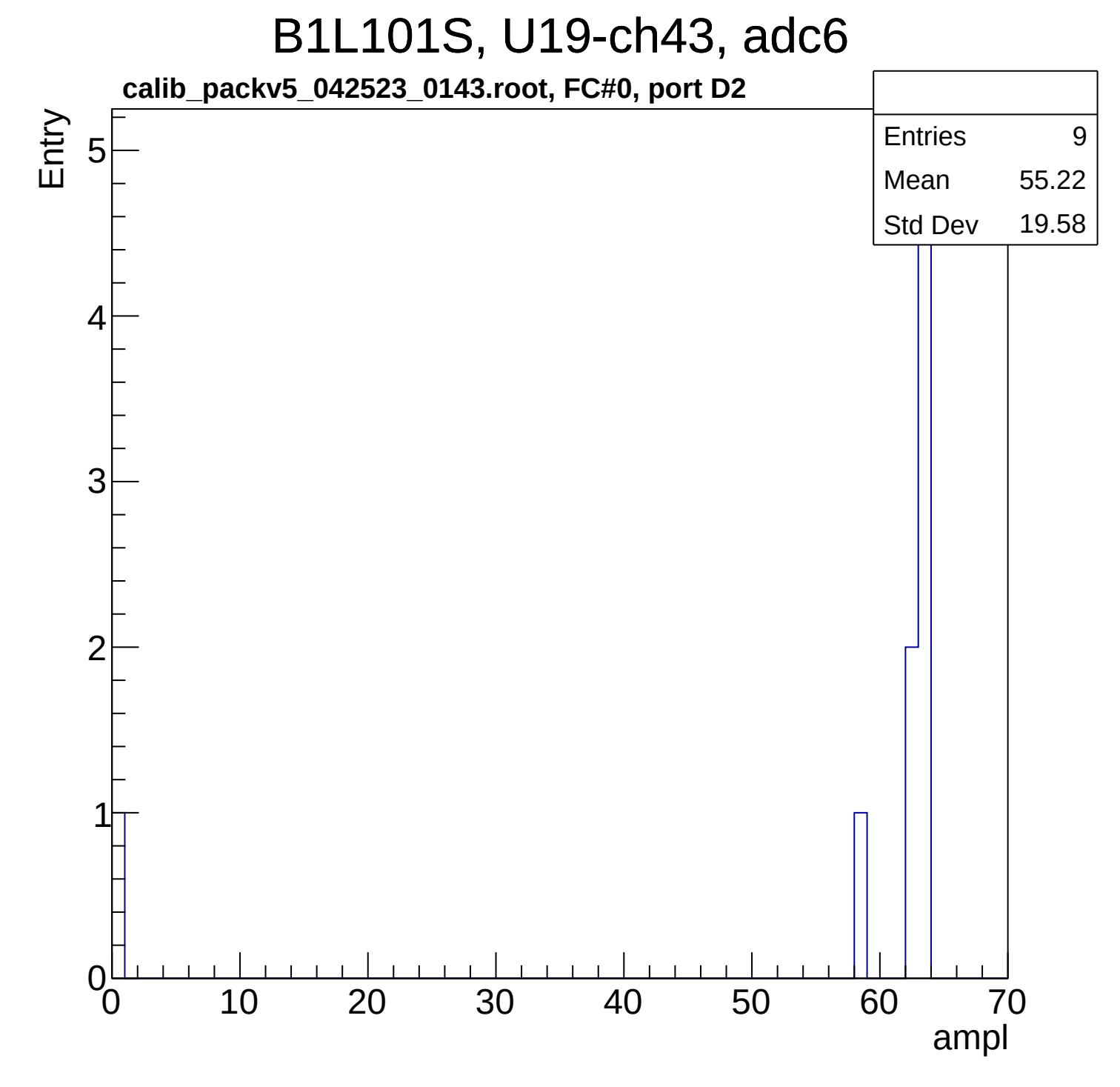
B1L101S, U19-ch43, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 55.22
Std Dev 19.58
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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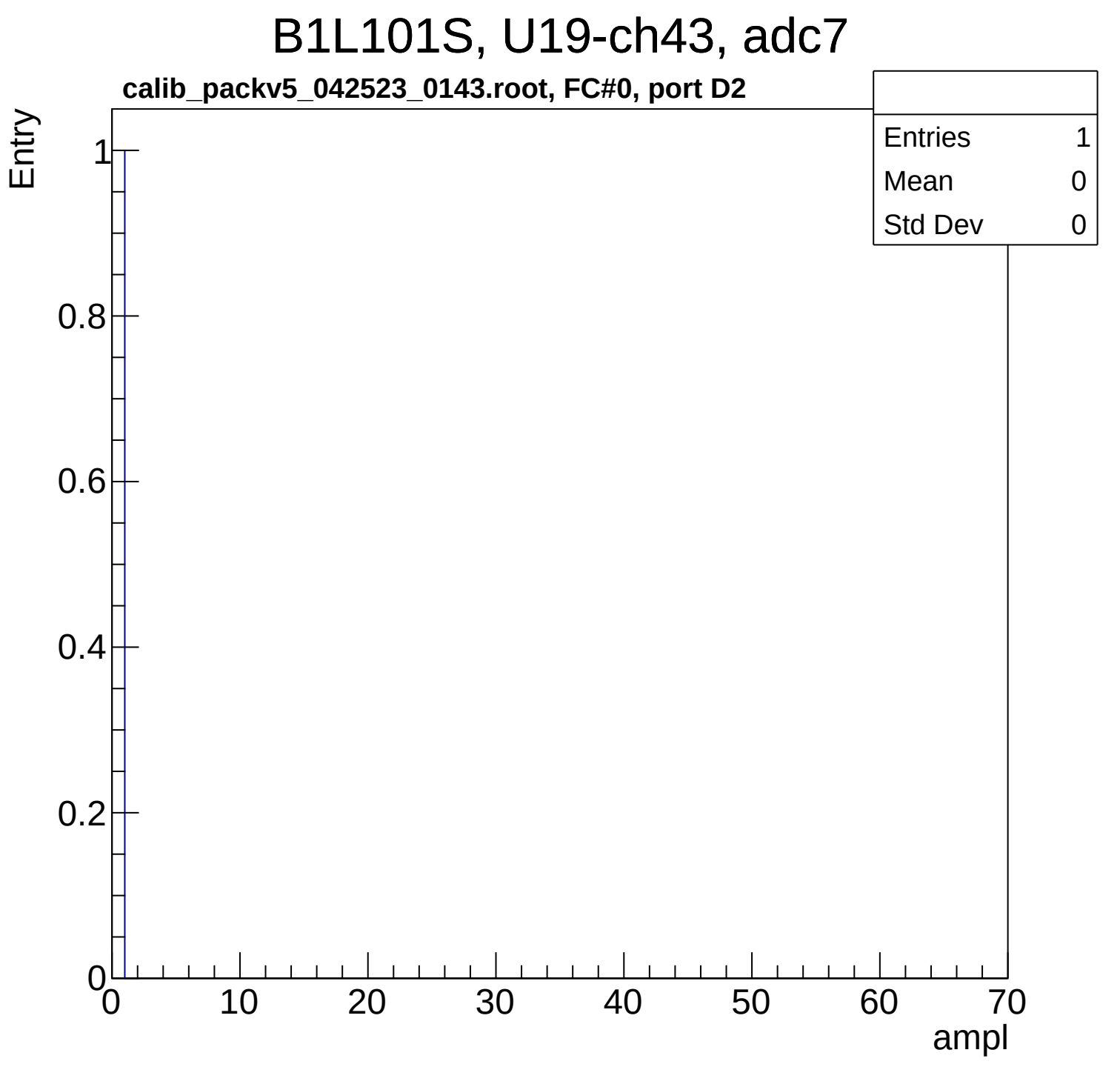
B1L101S, U19-ch43, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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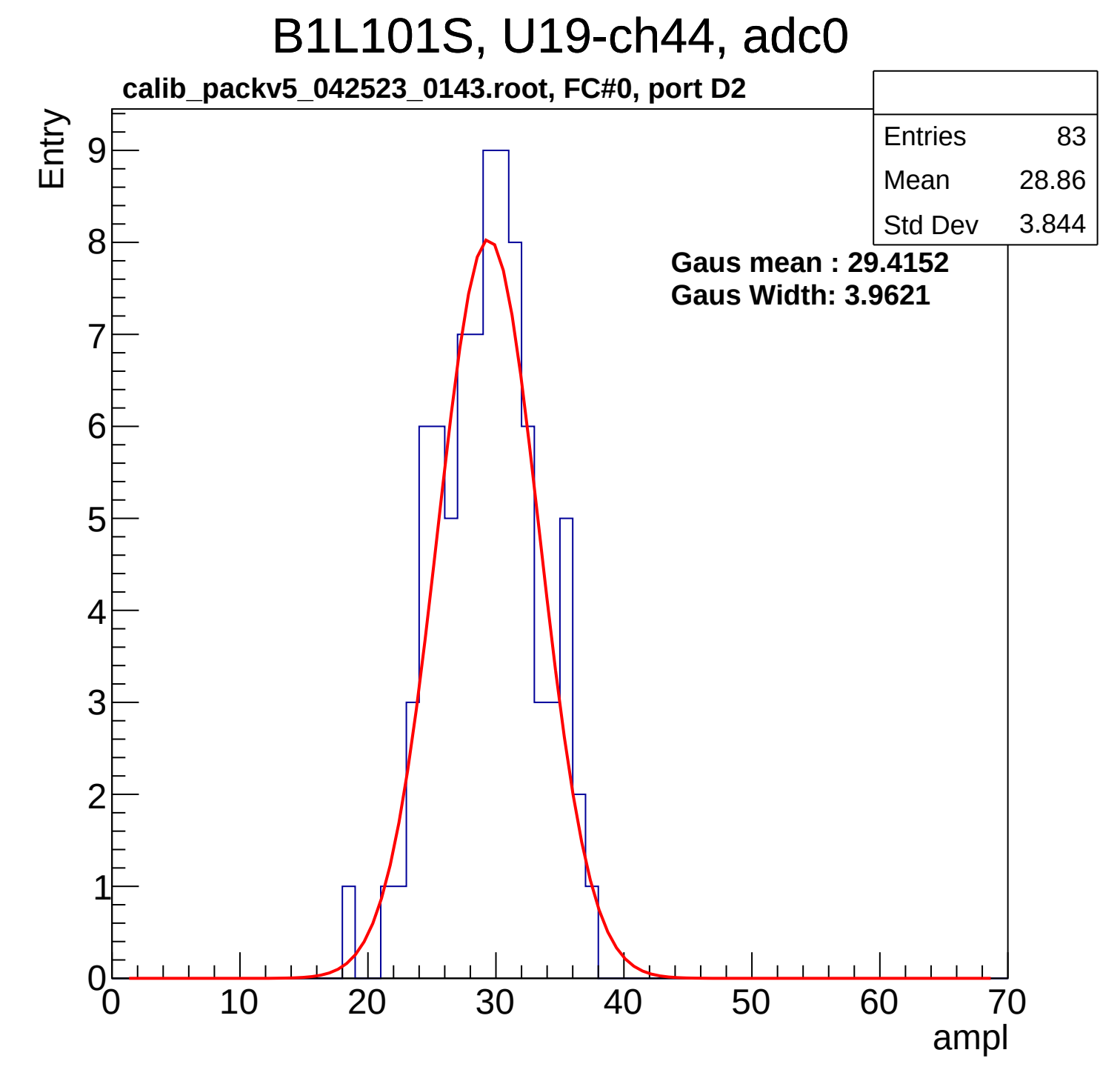
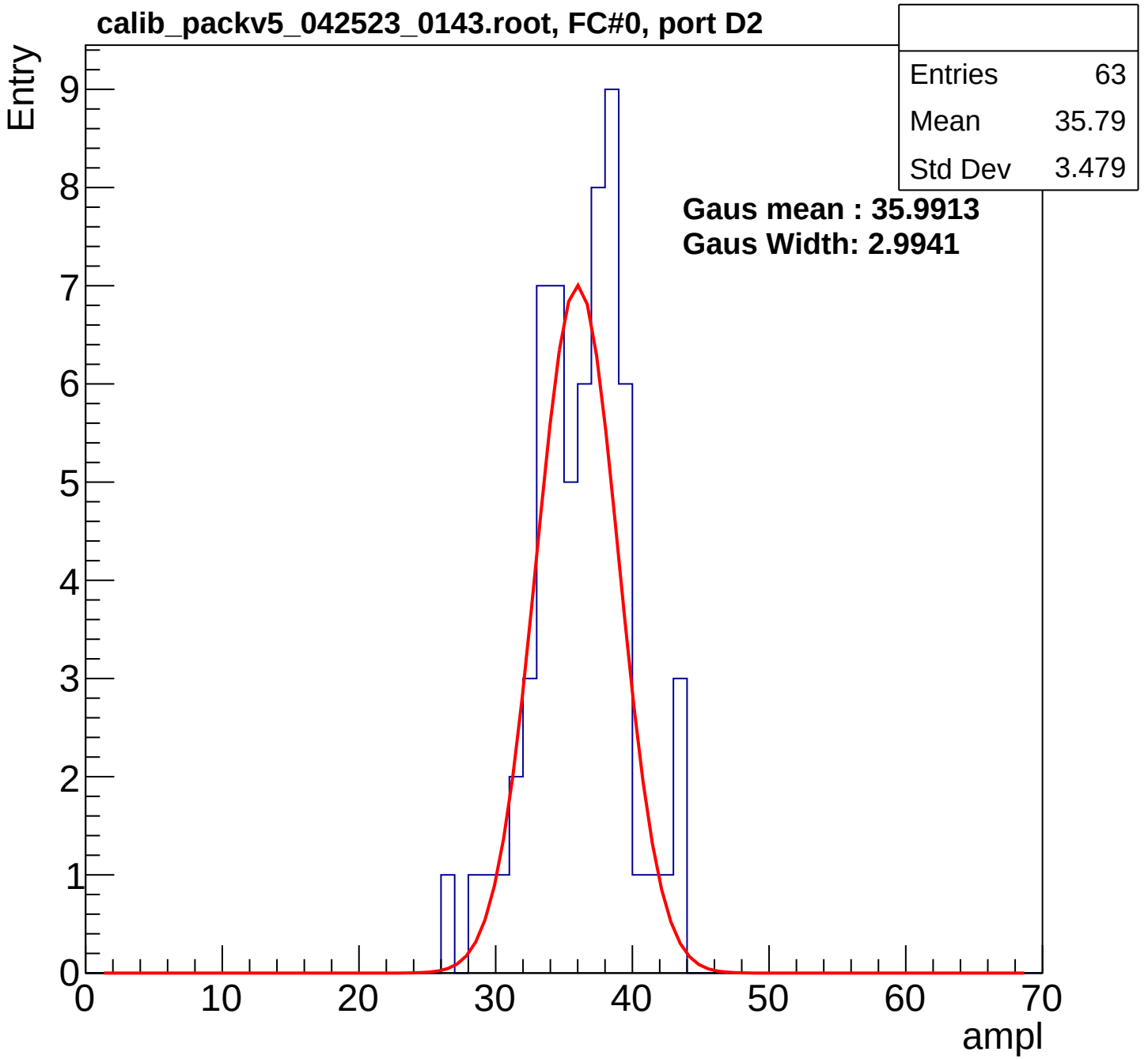
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch44, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 28.86
Std Dev 3.844
Gaus mean : 29.4152
Gaus Width: 3.9621
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch44, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 35.79
Std Dev 3.479
Gaus mean : 35.9913
Gaus Width: 2.9941
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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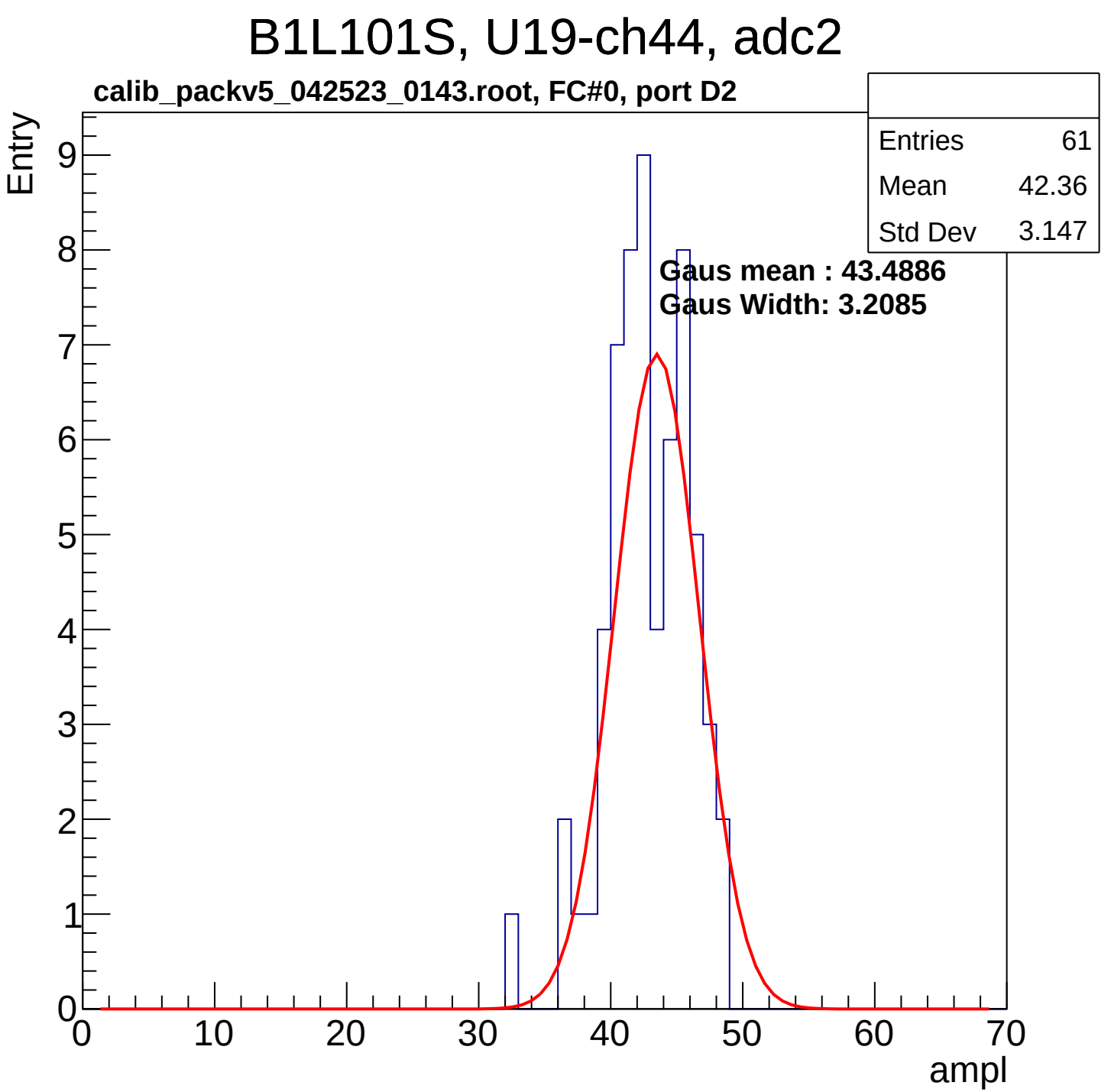
B1L101S, U19-ch44, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 42.36
Std Dev 3.147
Gaus mean : 43.4886
Gaus Width: 3.2085
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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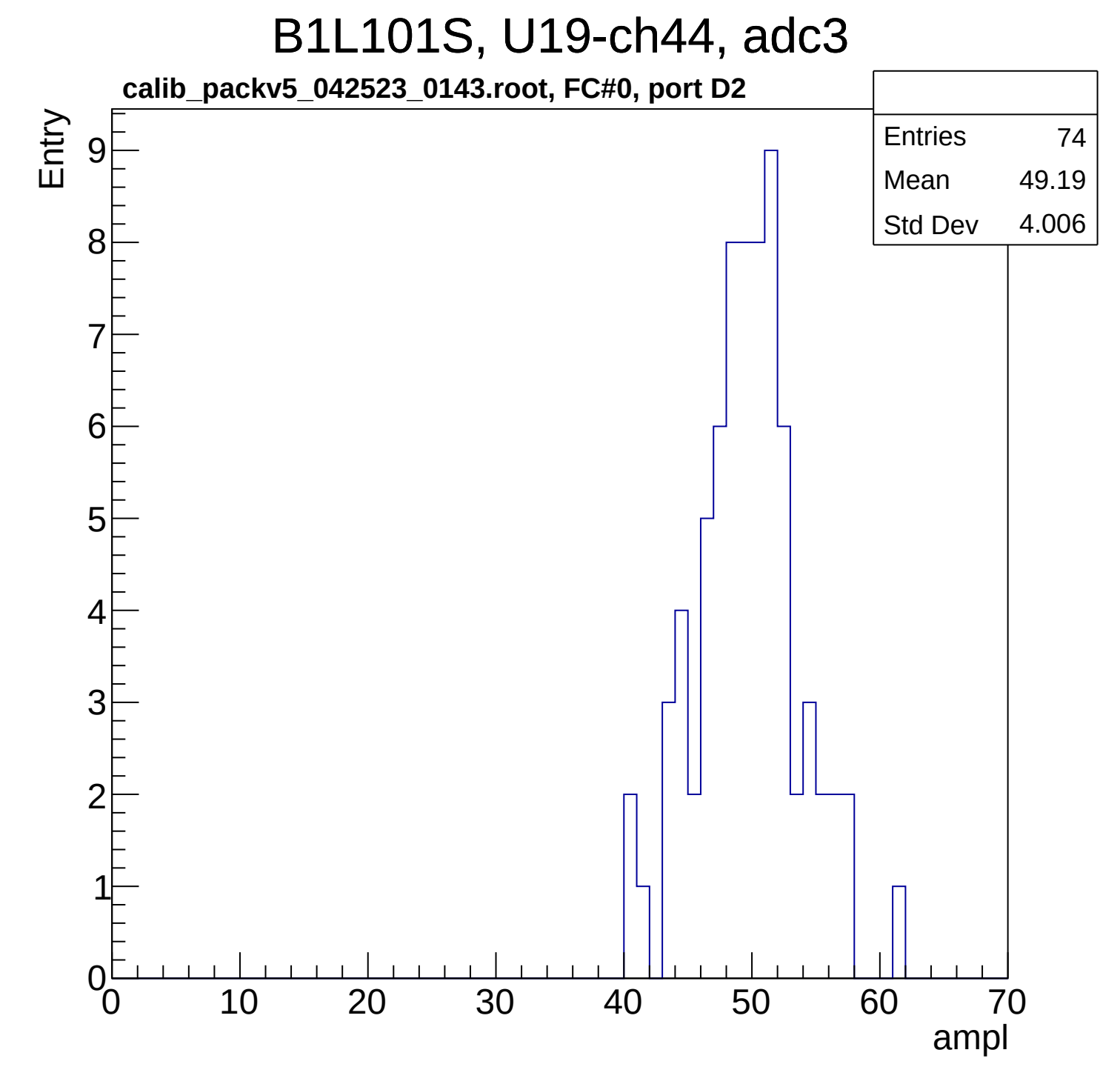
B1L101S, U19-ch44, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 49.19
Std Dev 4.006
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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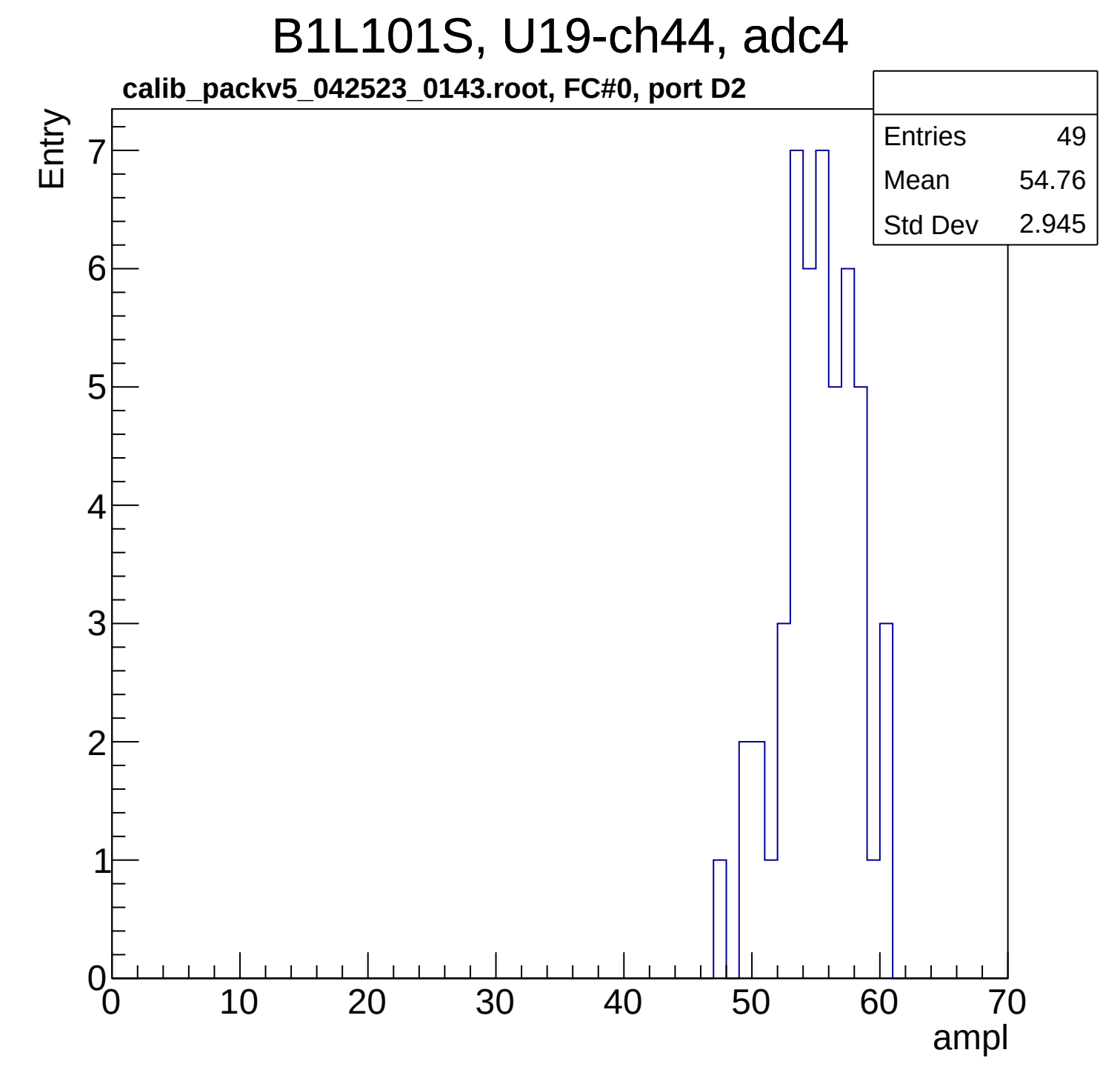
B1L101S, U19-ch44, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 54.76
Std Dev 2.945
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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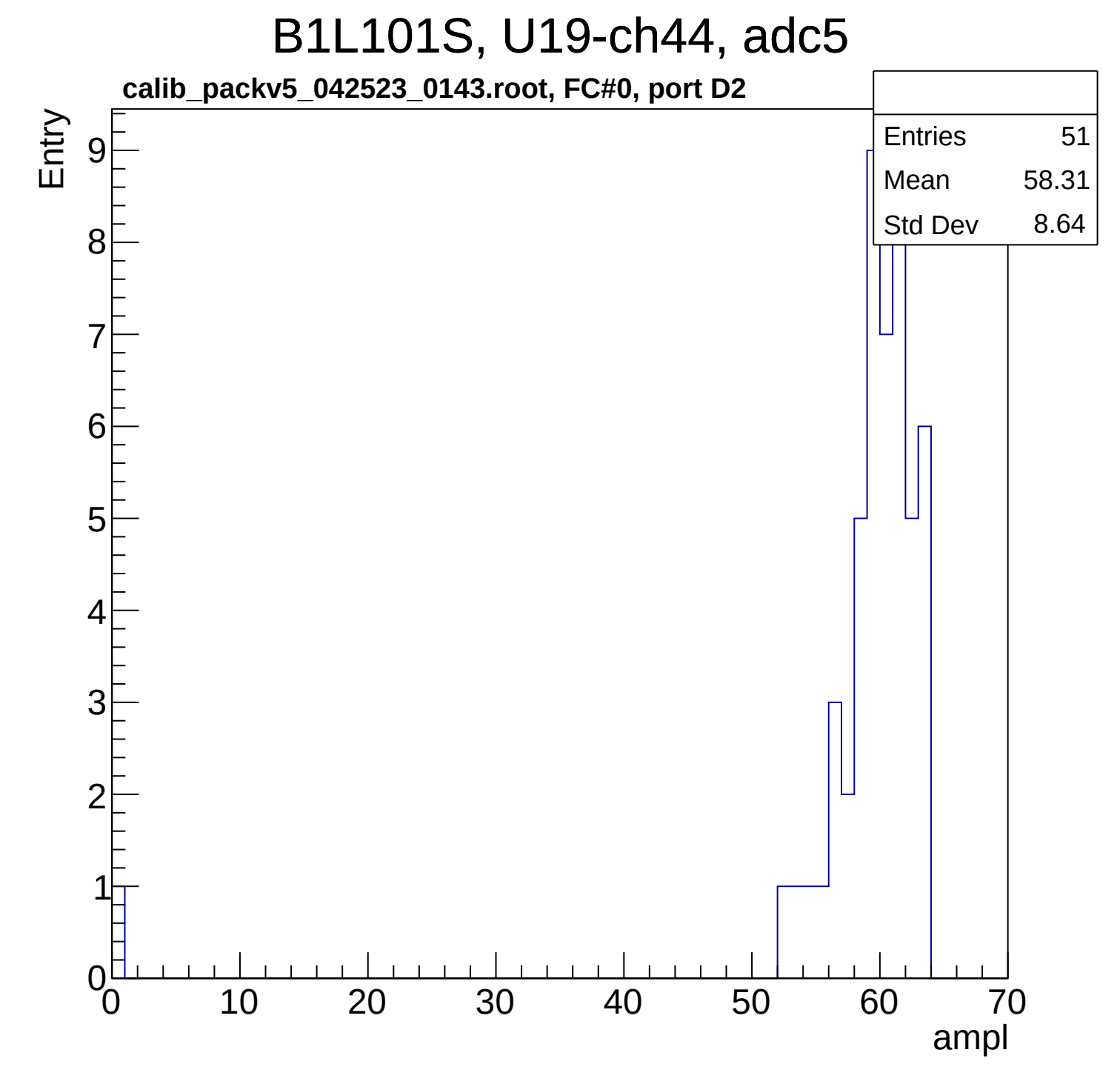
B1L101S, U19-ch44, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 58.31
Std Dev 8.64
Entry
ampl
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3
4
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0
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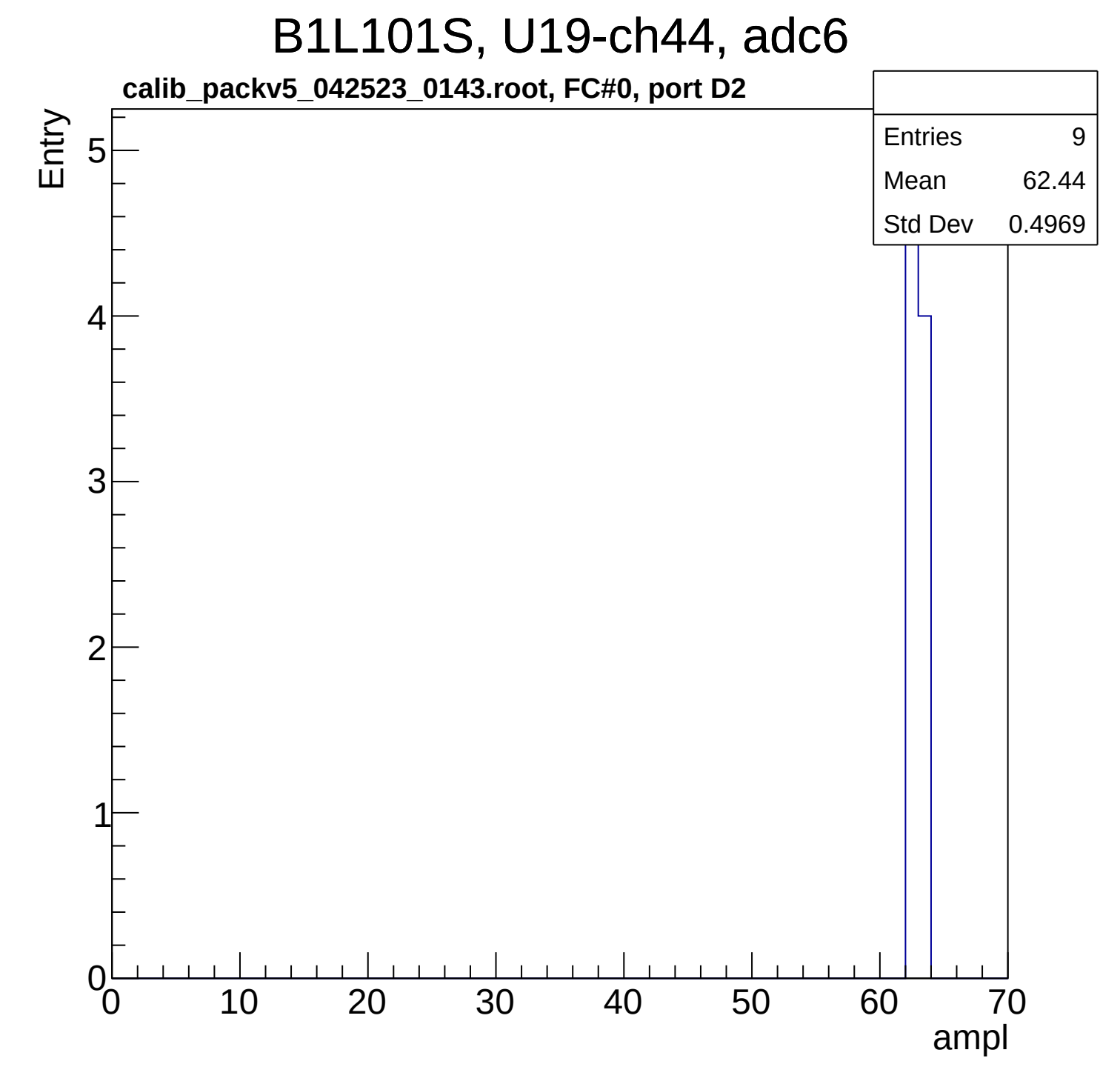
B1L101S, U19-ch44, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 62.44
Std Dev 0.4969
Entry
ampl
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0
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50
60
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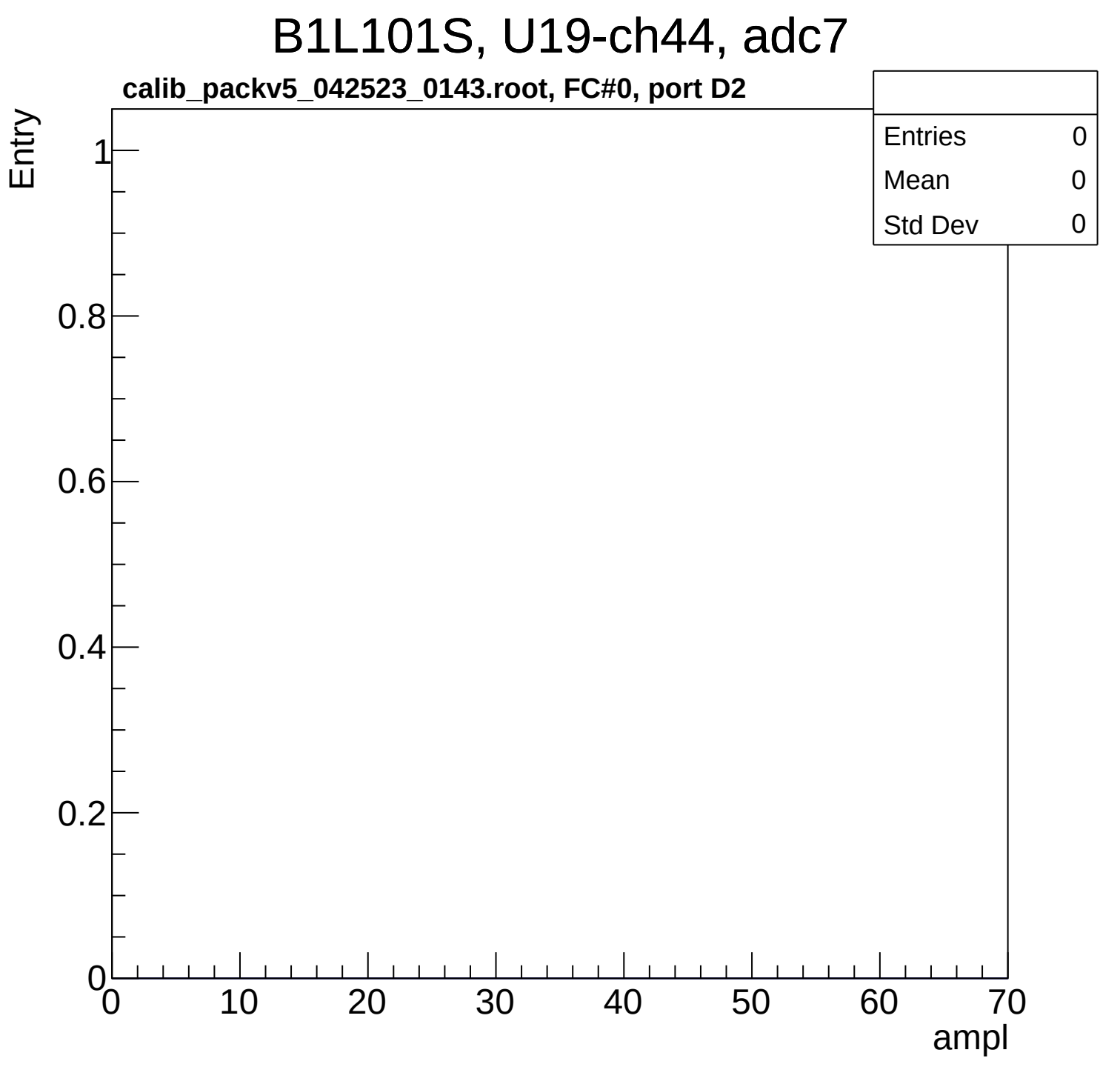
B1L101S, U19-ch44, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
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30
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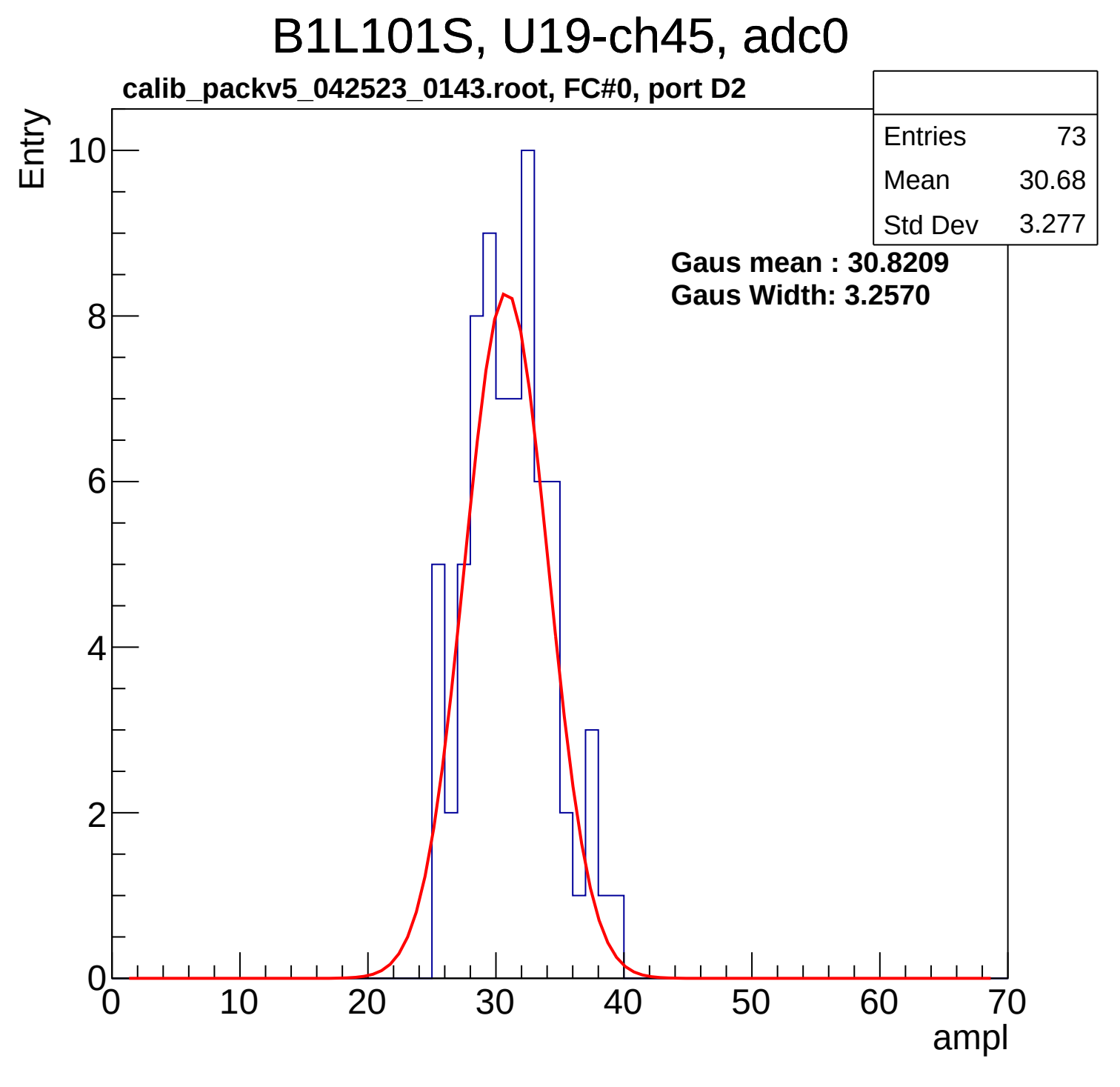
50
60
70
ampl


B1L101S, U19-ch45, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 30.68
Std Dev 3.277
Gaus mean : 30.8209
Gaus Width: 3.2570
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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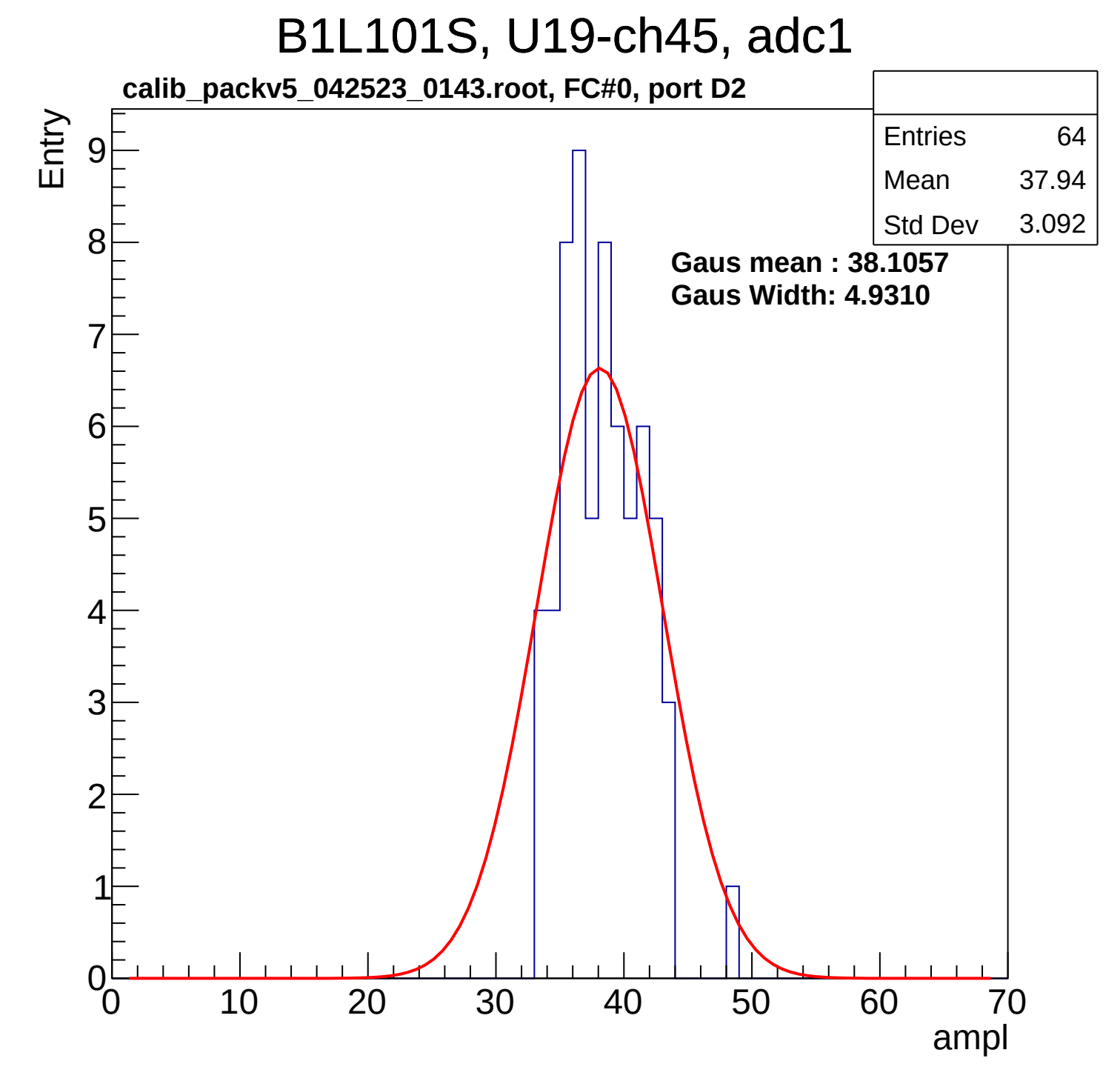
B1L101S, U19-ch45, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 37.94
Std Dev 3.092
Gaus mean : 38.1057
Gaus Width: 4.9310
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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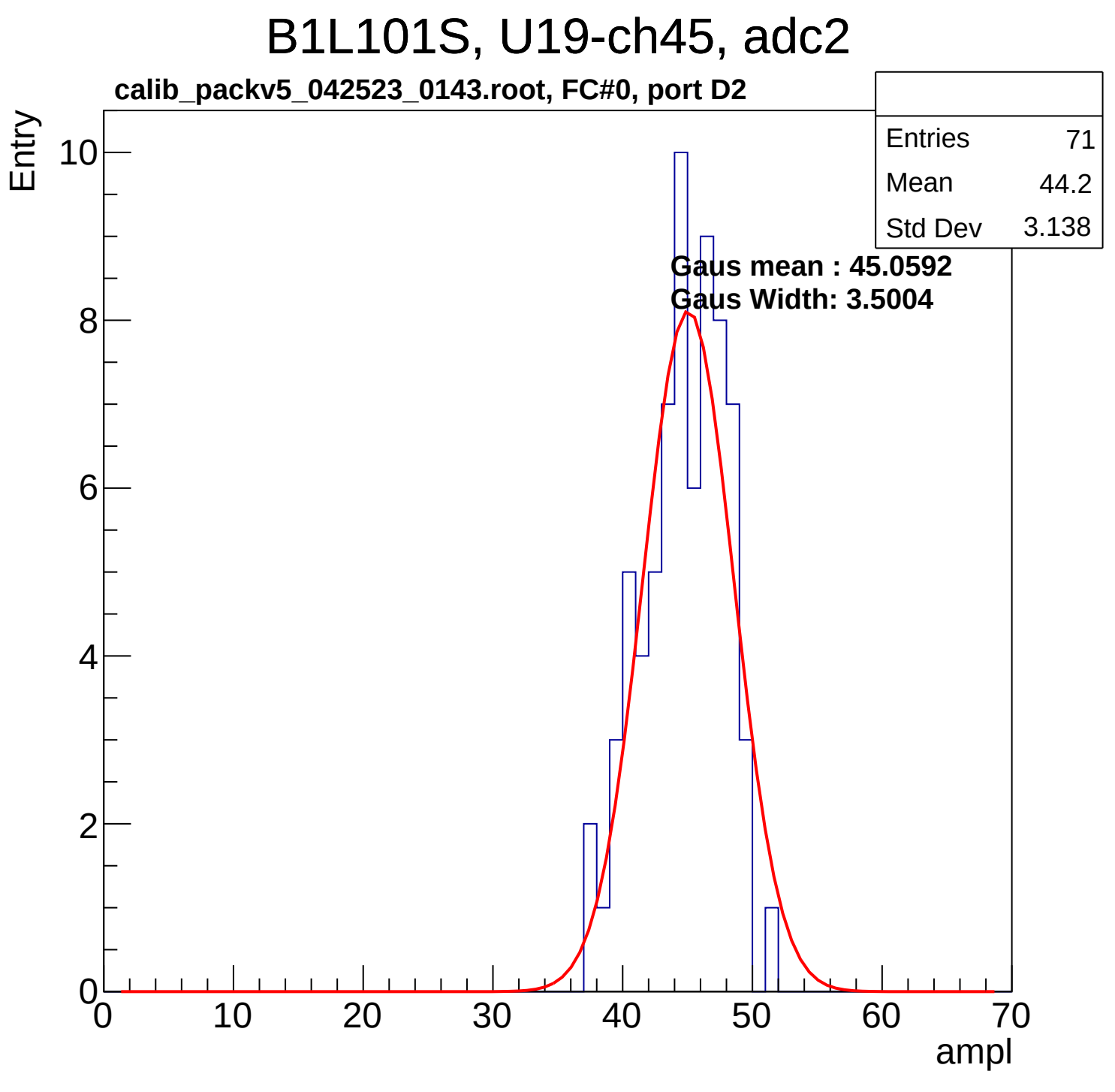
B1L101S, U19-ch45, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 44.2
Std Dev 3.138
Gaus mean : 45.0592
Gaus Width: 3.5004
Entry
ampl
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4
6
8
10
0
10
20
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40
50
60
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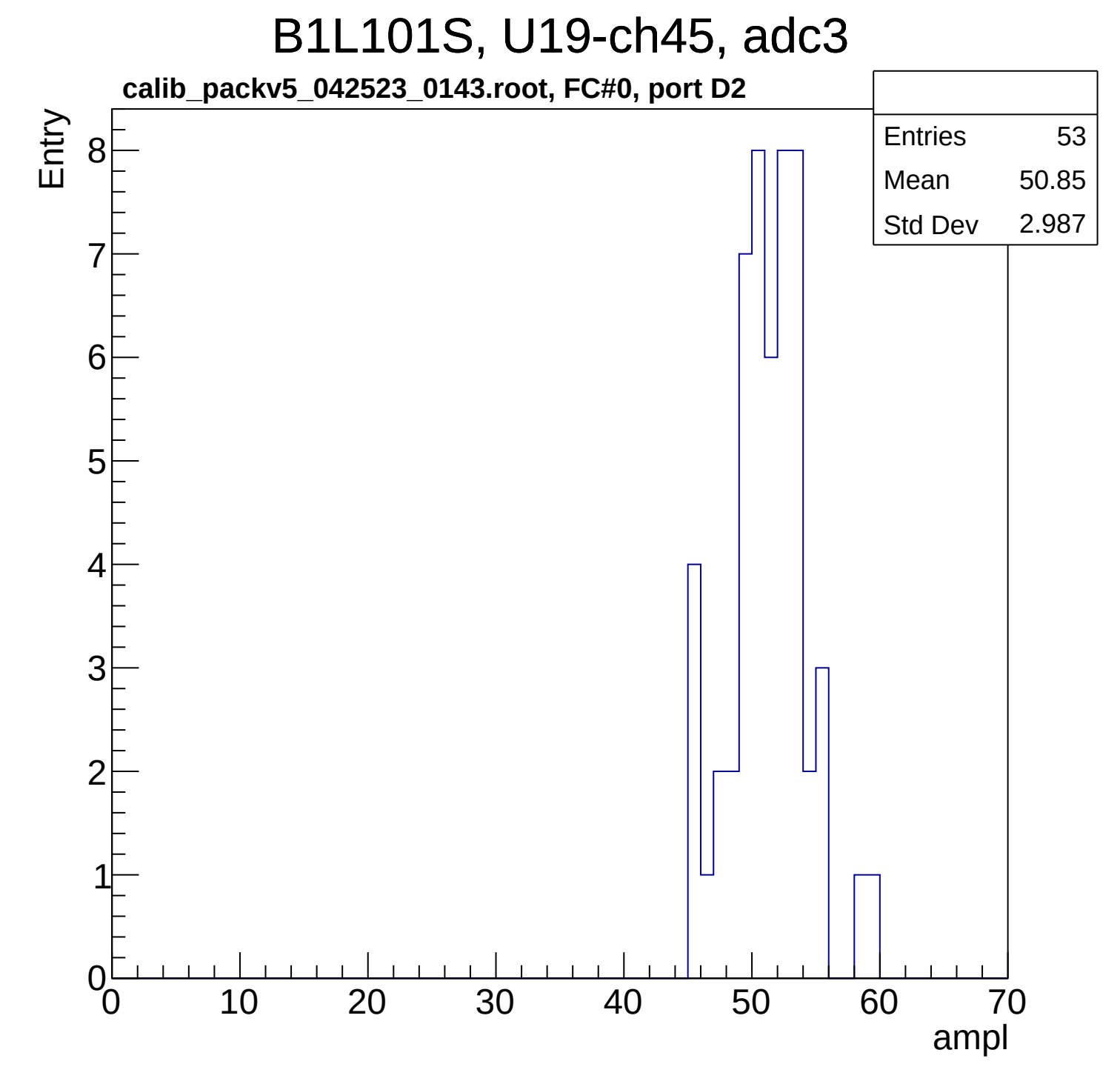
B1L101S, U19-ch45, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 50.85
Std Dev 2.987
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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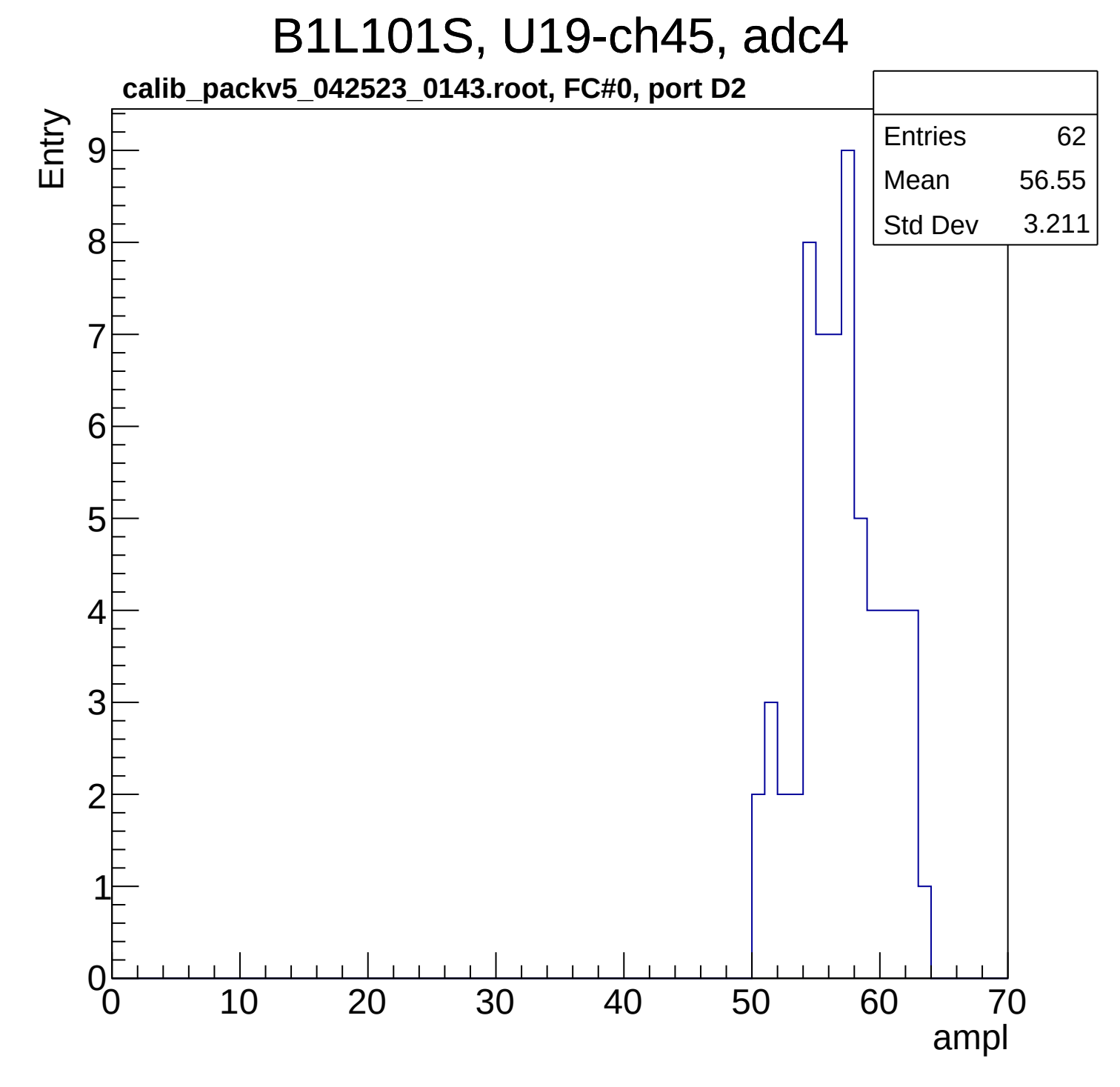
B1L101S, U19-ch45, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 56.55
Std Dev 3.211
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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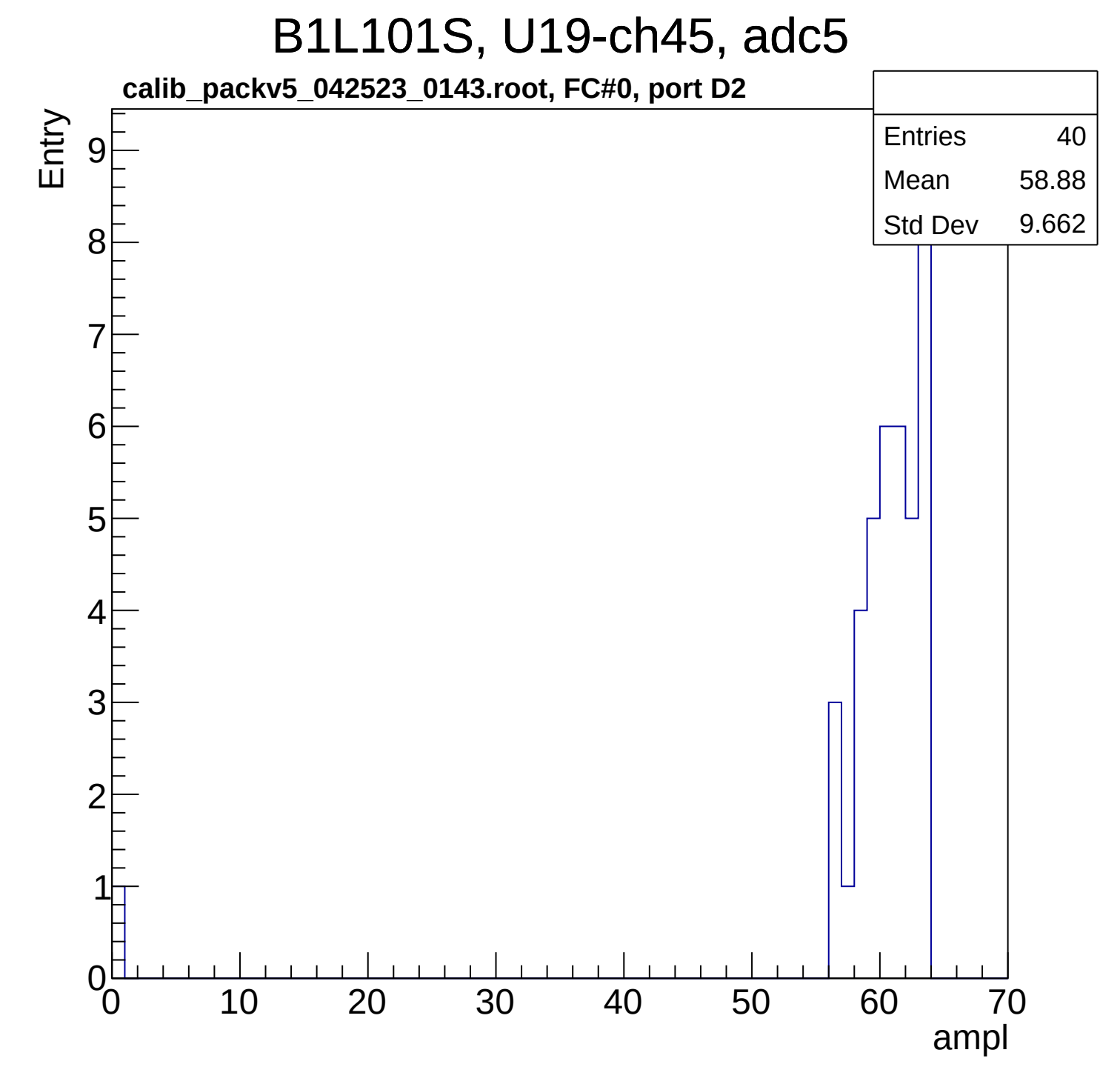
60
70


B1L101S, U19-ch45, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 58.88
Std Dev 9.662
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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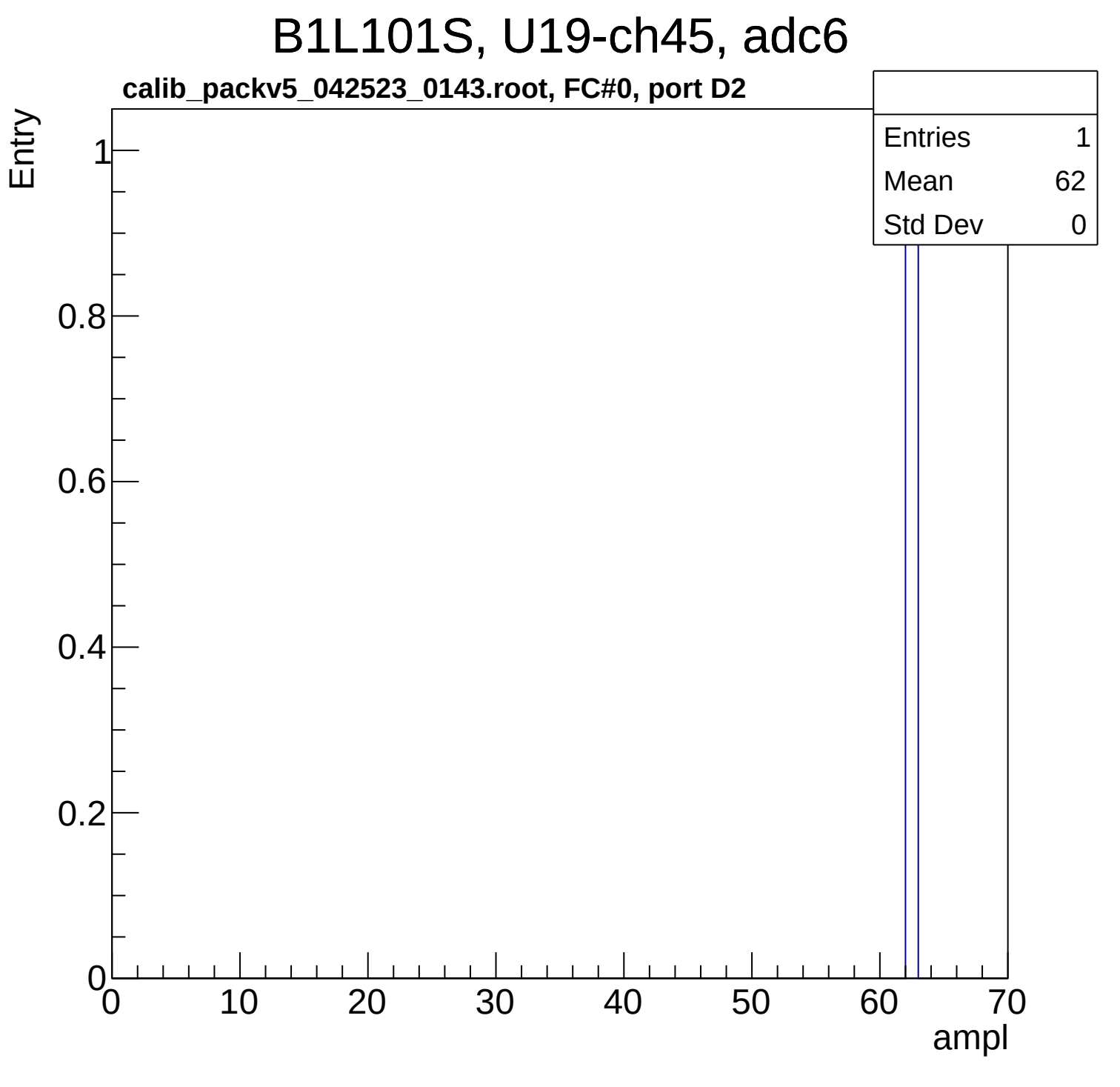
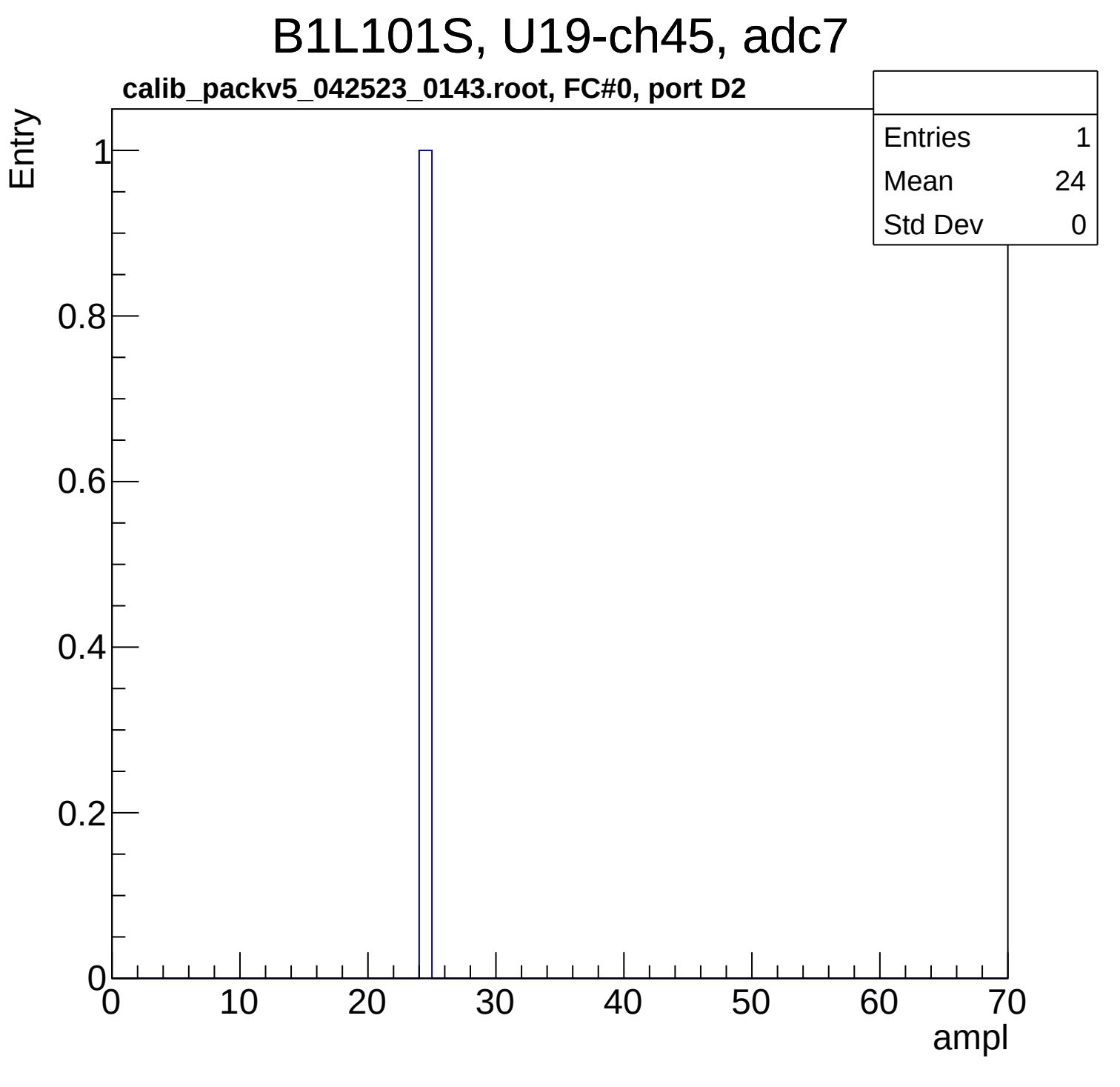

B1L101S, U19-ch45, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch45, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 24
Std Dev 0
Entry
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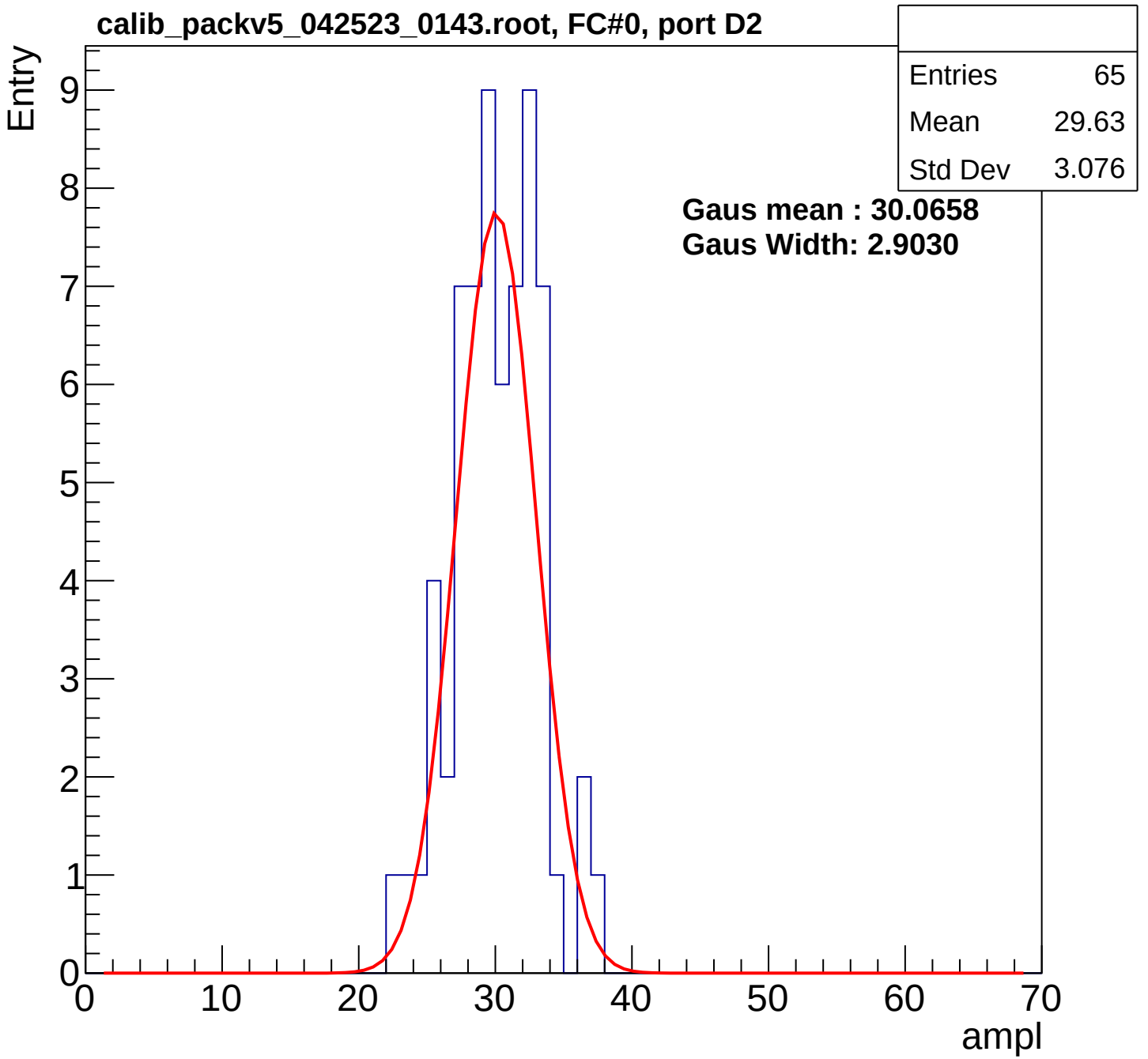
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch46, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 29.63
Std Dev 3.076
Gaus mean : 30.0658
Gaus Width: 2.9030
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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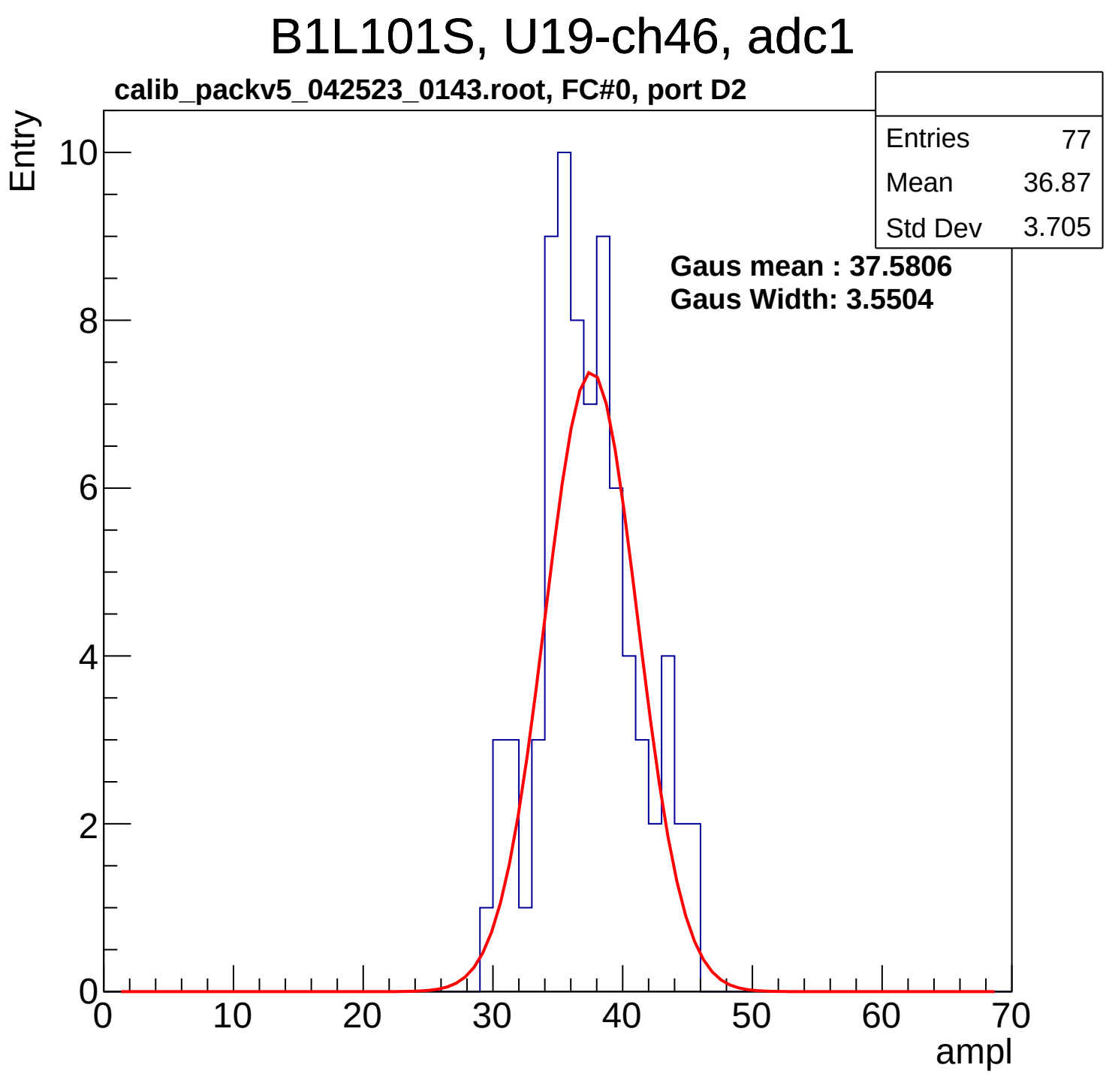
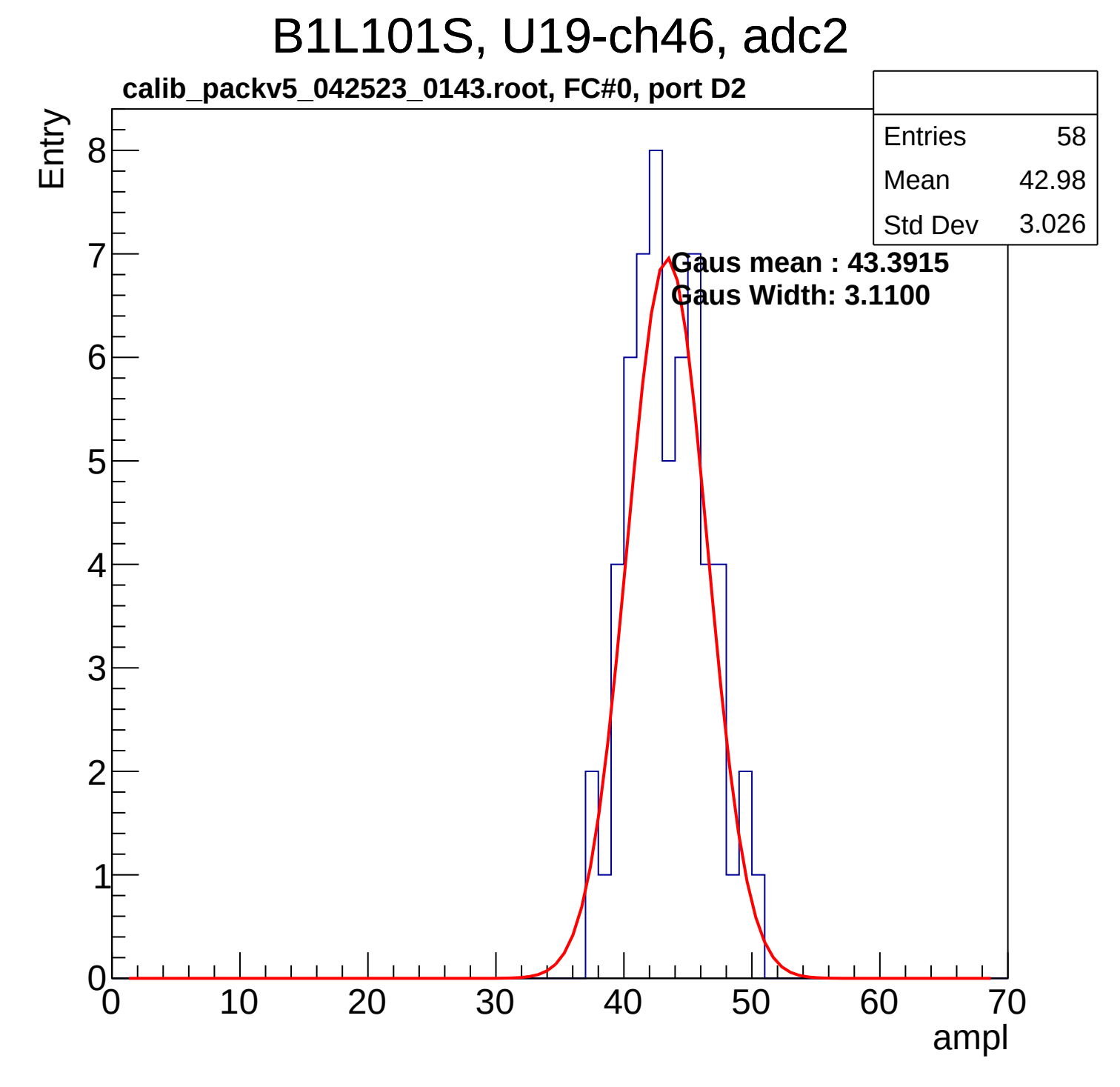

B1L101S, U19-ch46, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 36.87
Std Dev 3.705
Gaus mean : 37.5806
Gaus Width: 3.5504
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch46, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 42.98
Std Dev 3.026
Gaus mean : 43.3915
Gaus Width: 3.1100
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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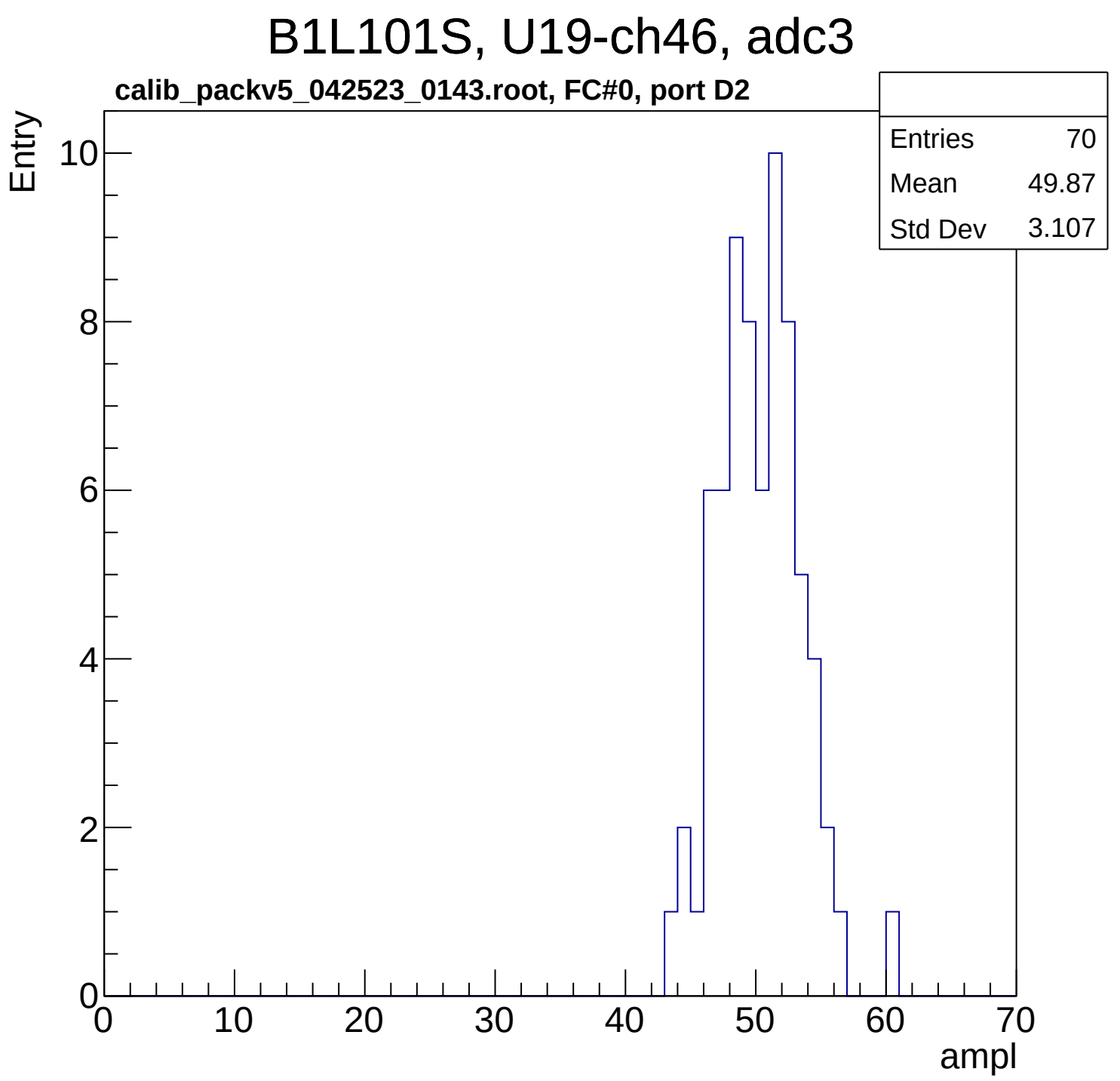
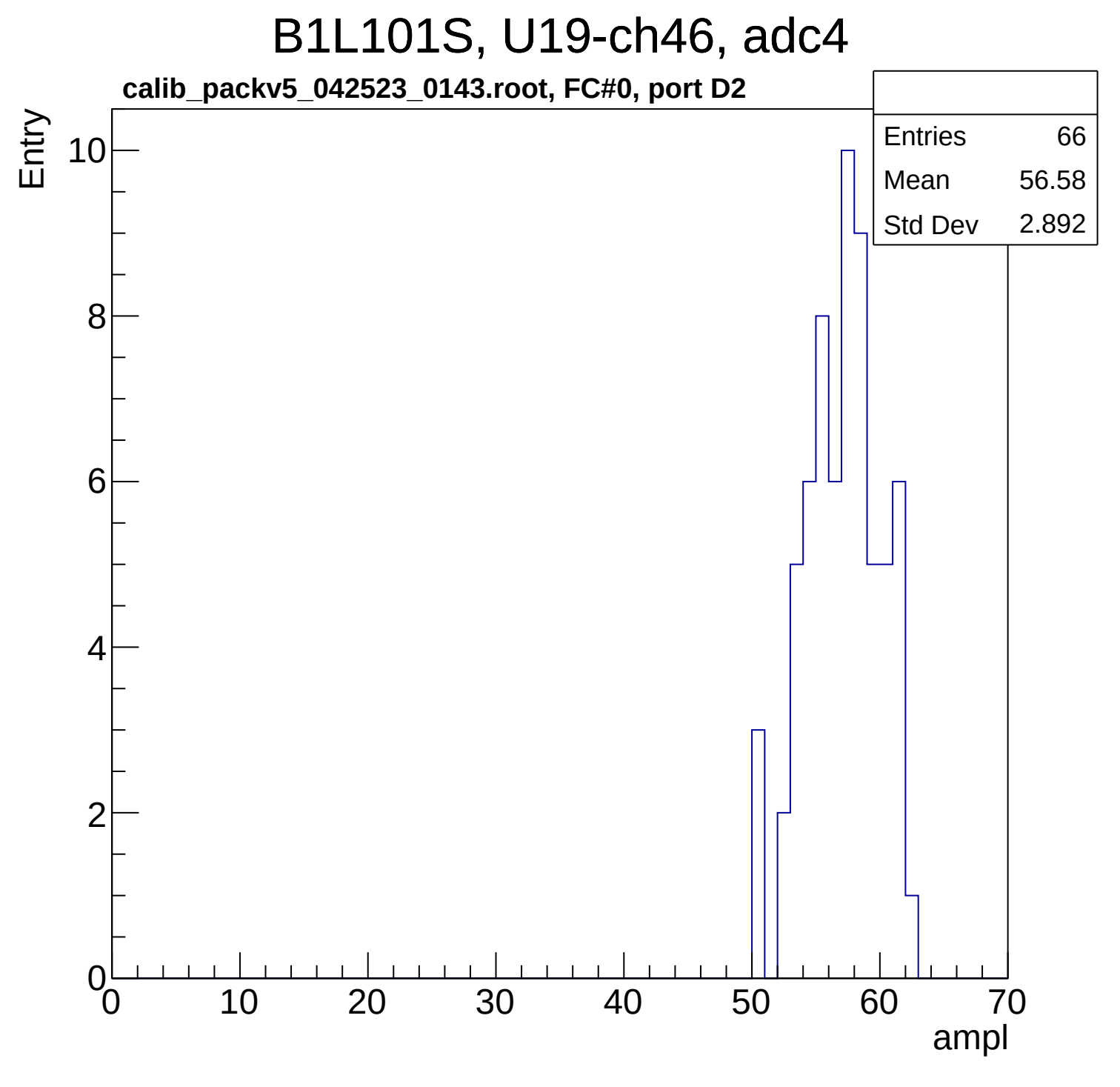
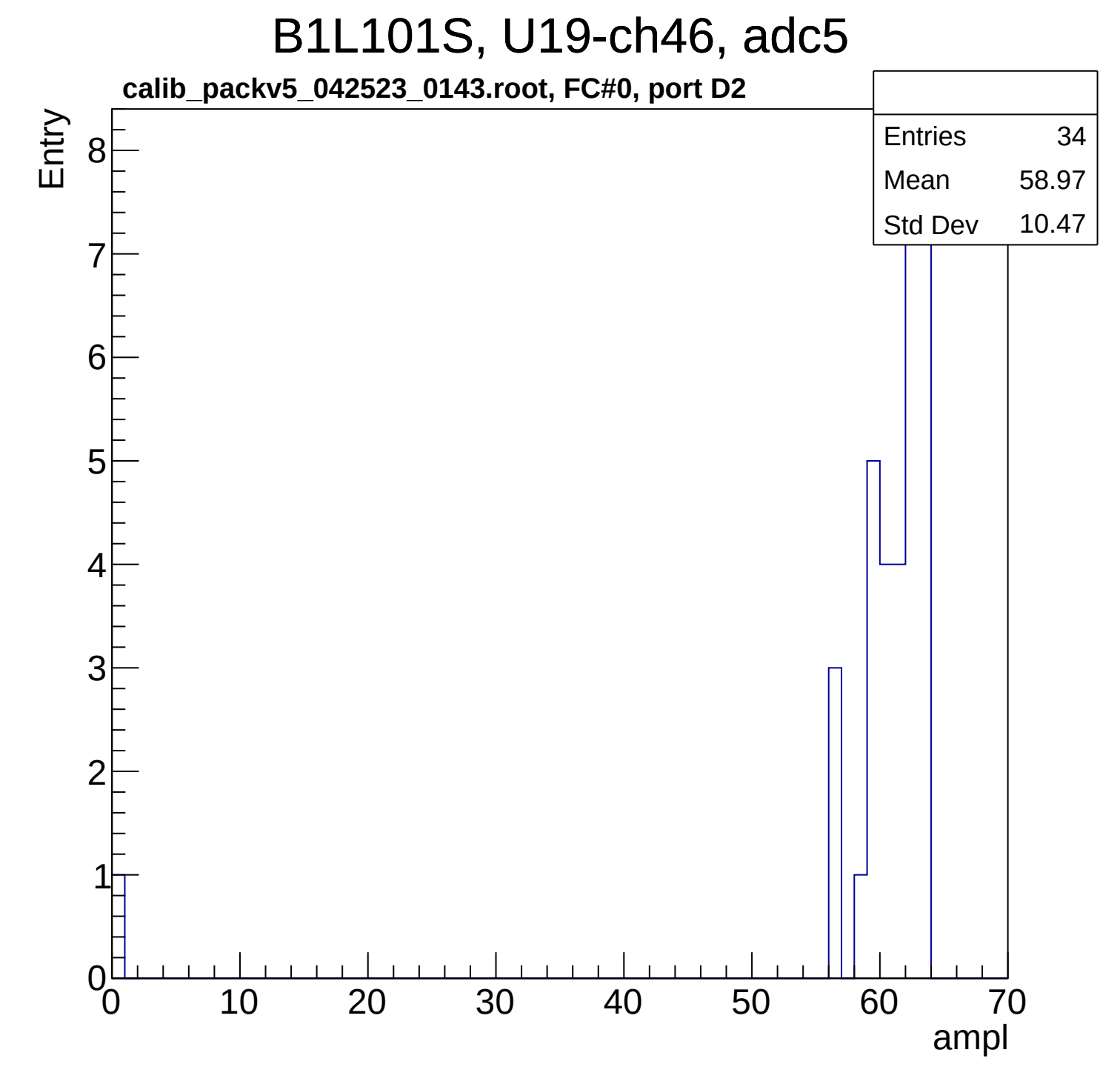

B1L101S, U19-ch46, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 49.87
Std Dev 3.107
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch46, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 56.58
Std Dev 2.892
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch46, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 34
Mean 58.97
Std Dev 10.47
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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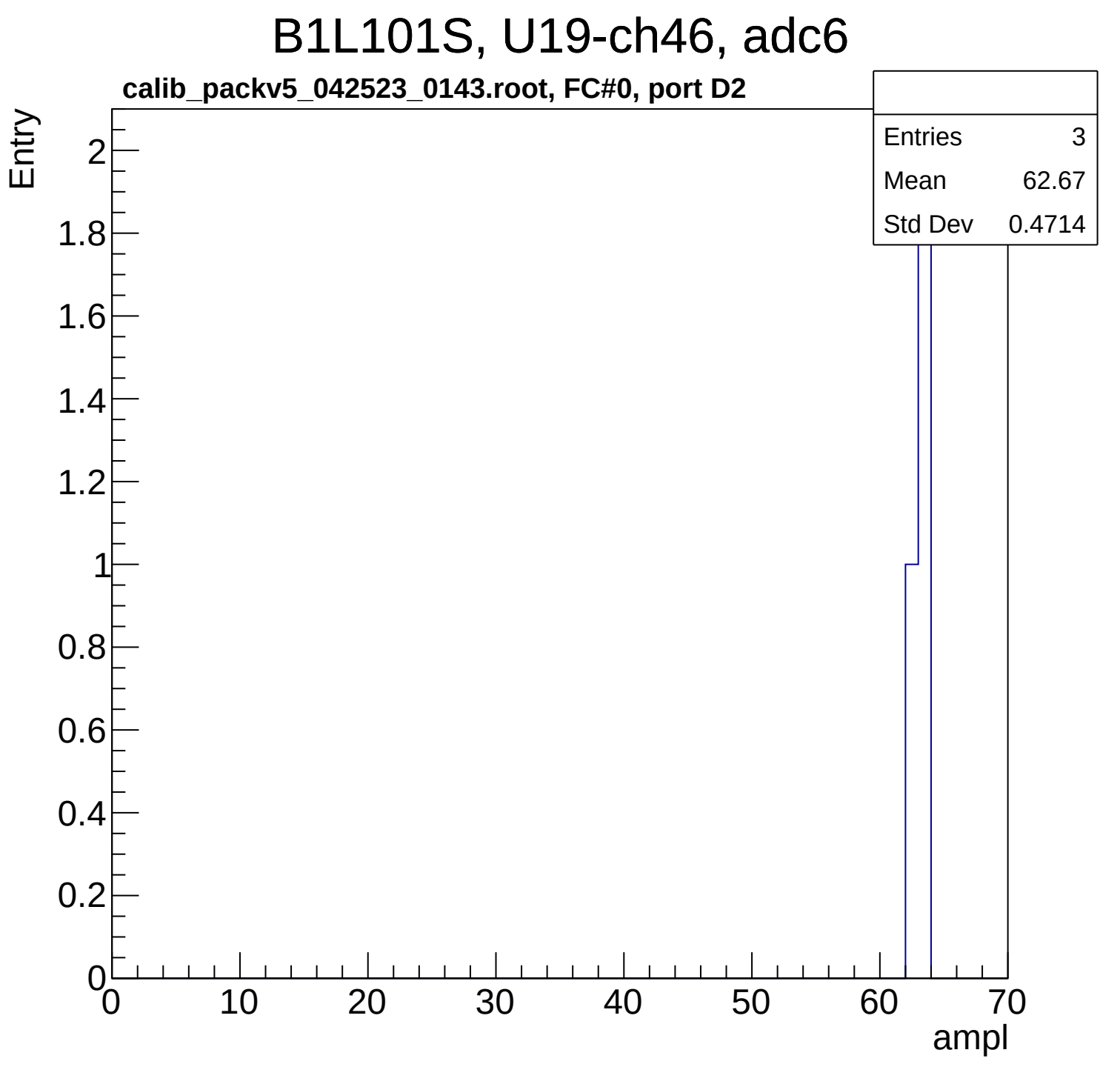
B1L101S, U19-ch46, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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30
40
50
60
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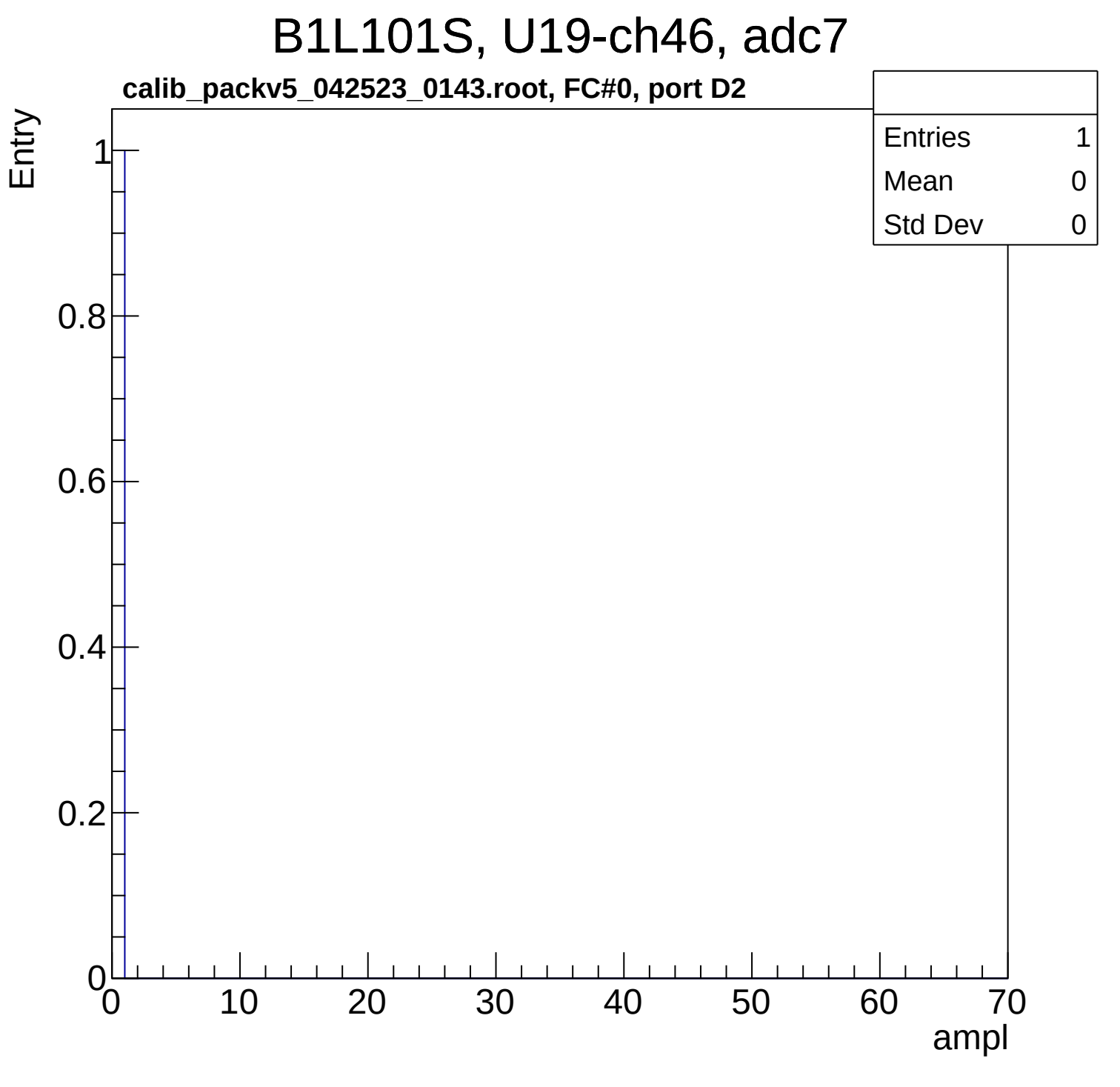
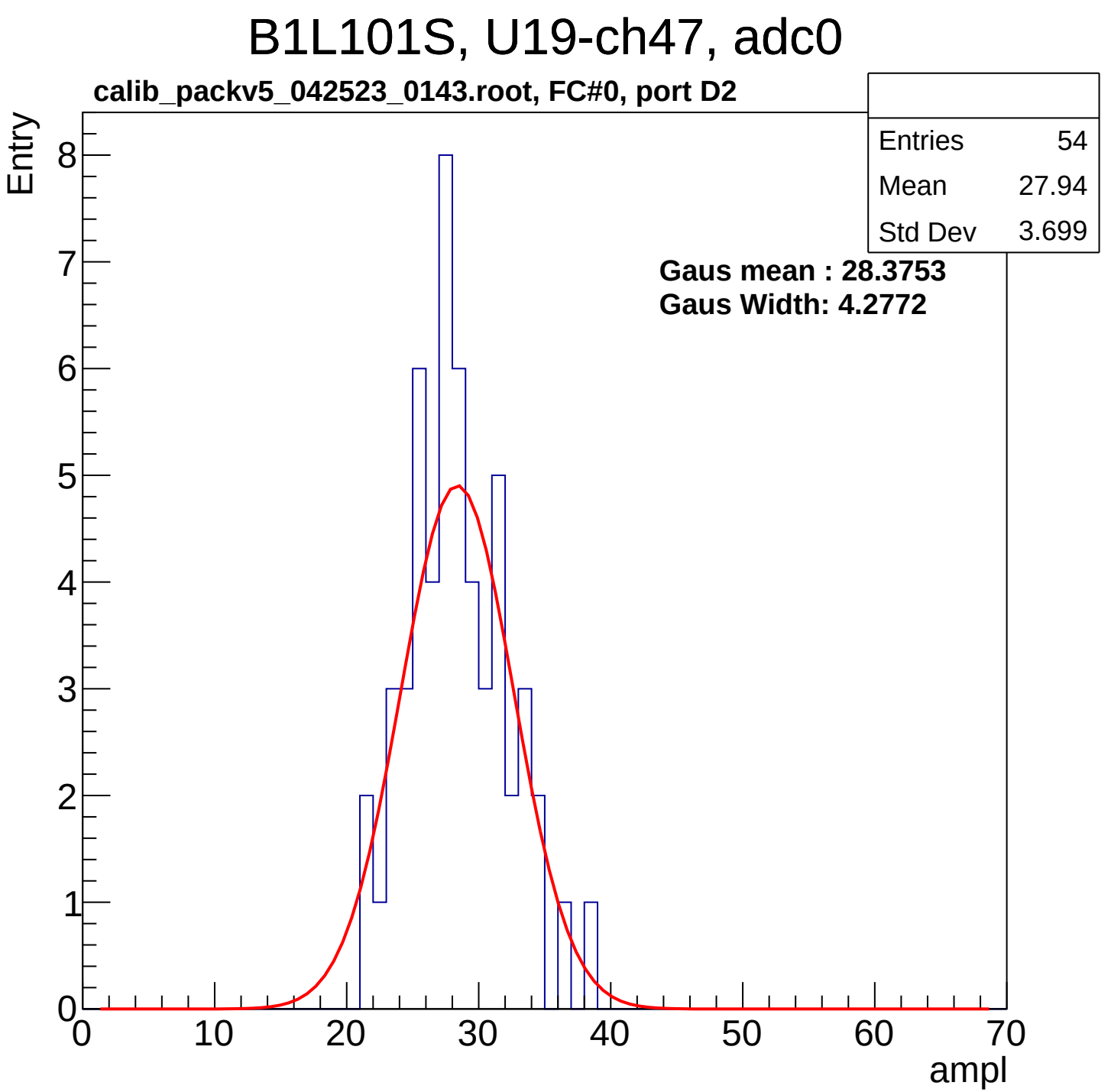

B1L101S, U19-ch46, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch47, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 27.94
Std Dev 3.699
Gaus mean : 28.3753
Gaus Width: 4.2772
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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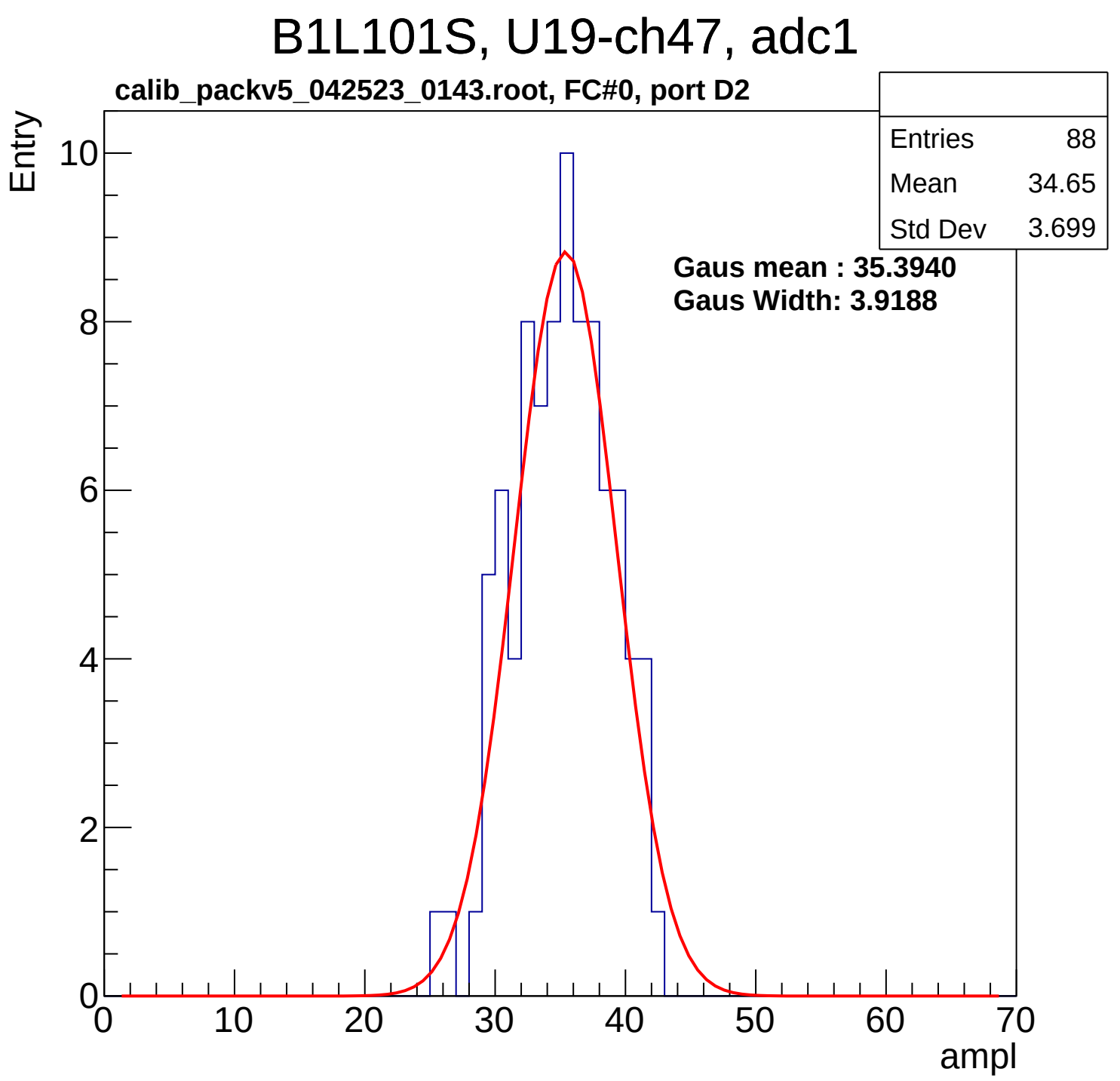
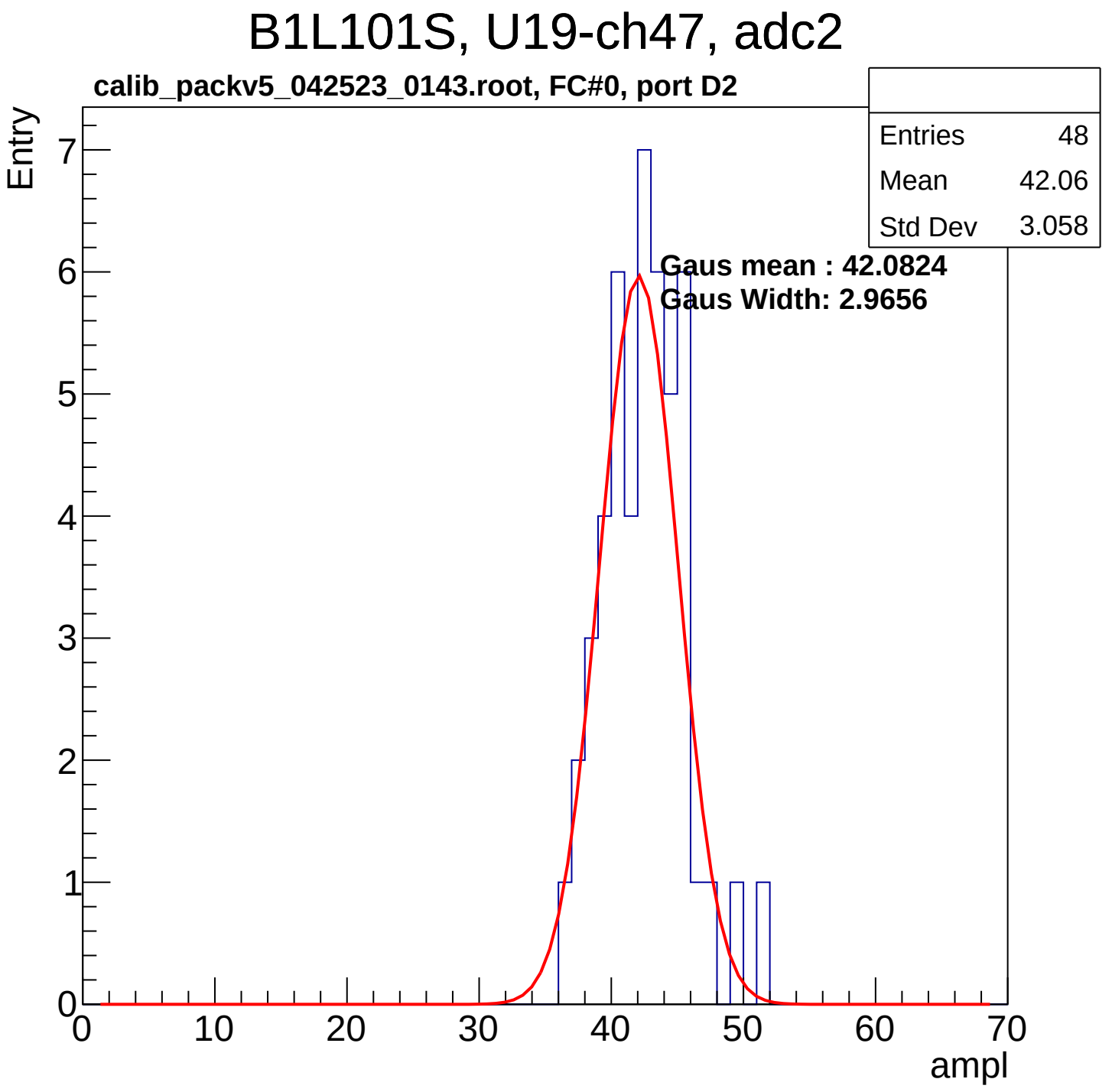
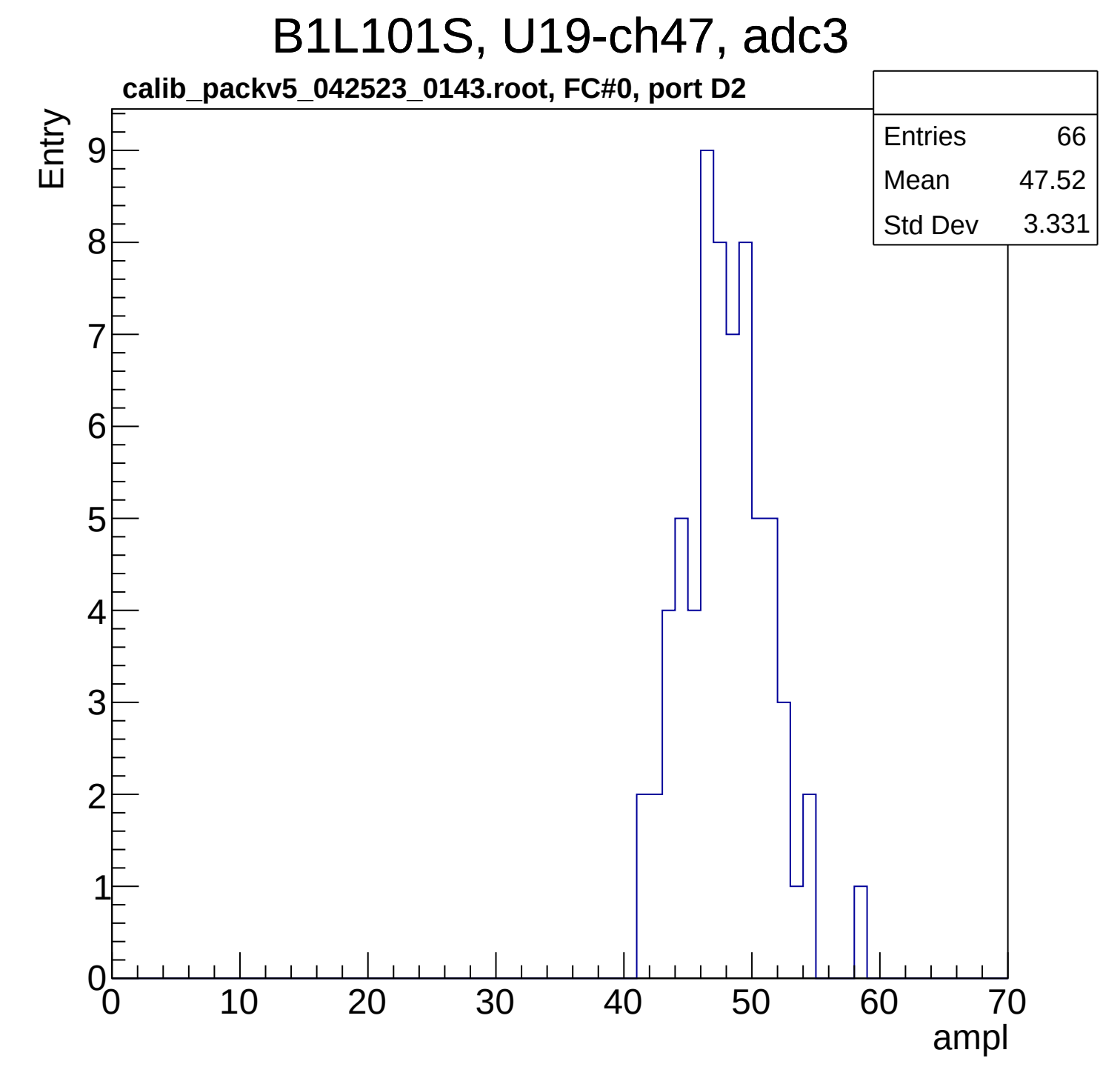
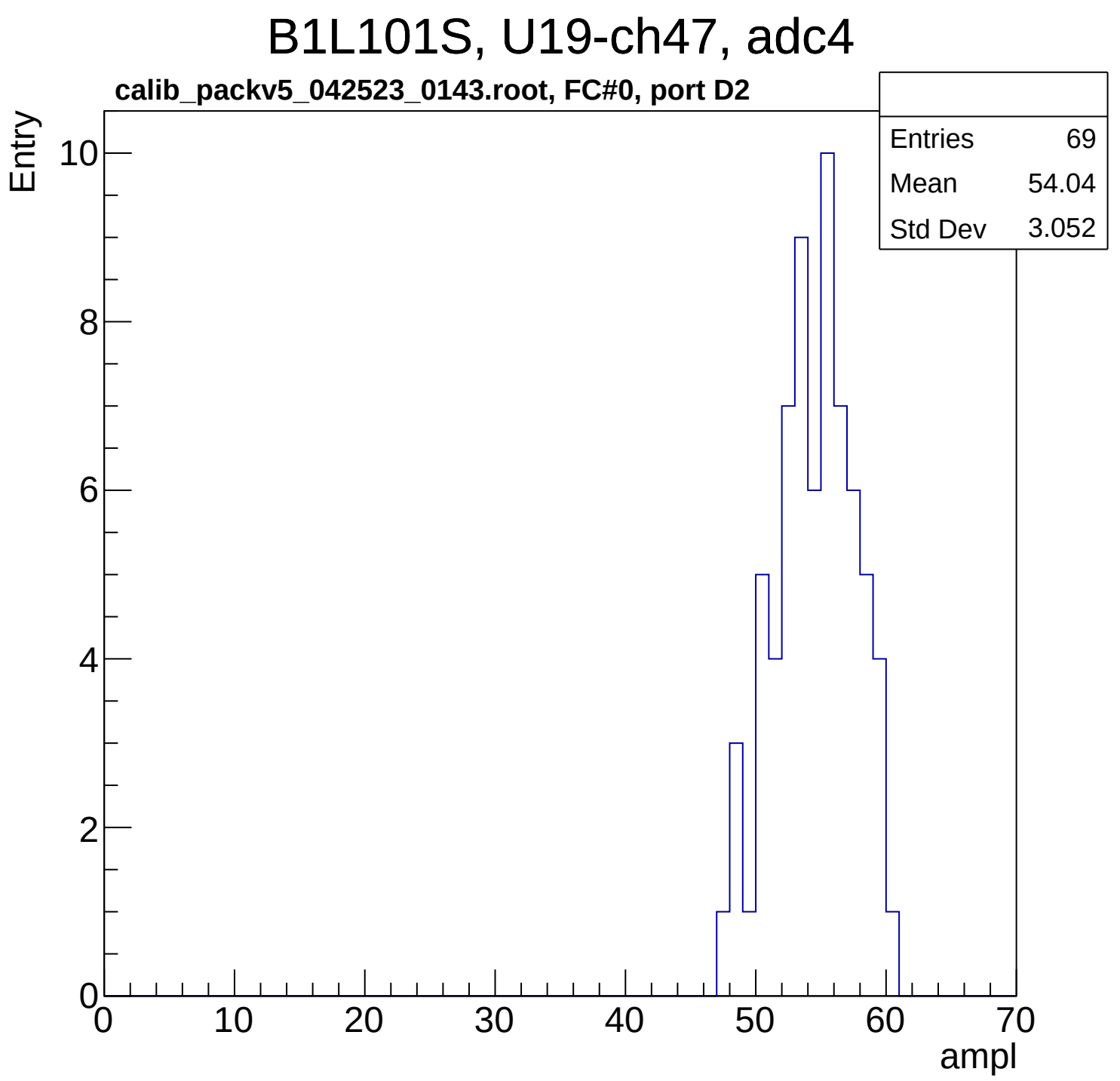
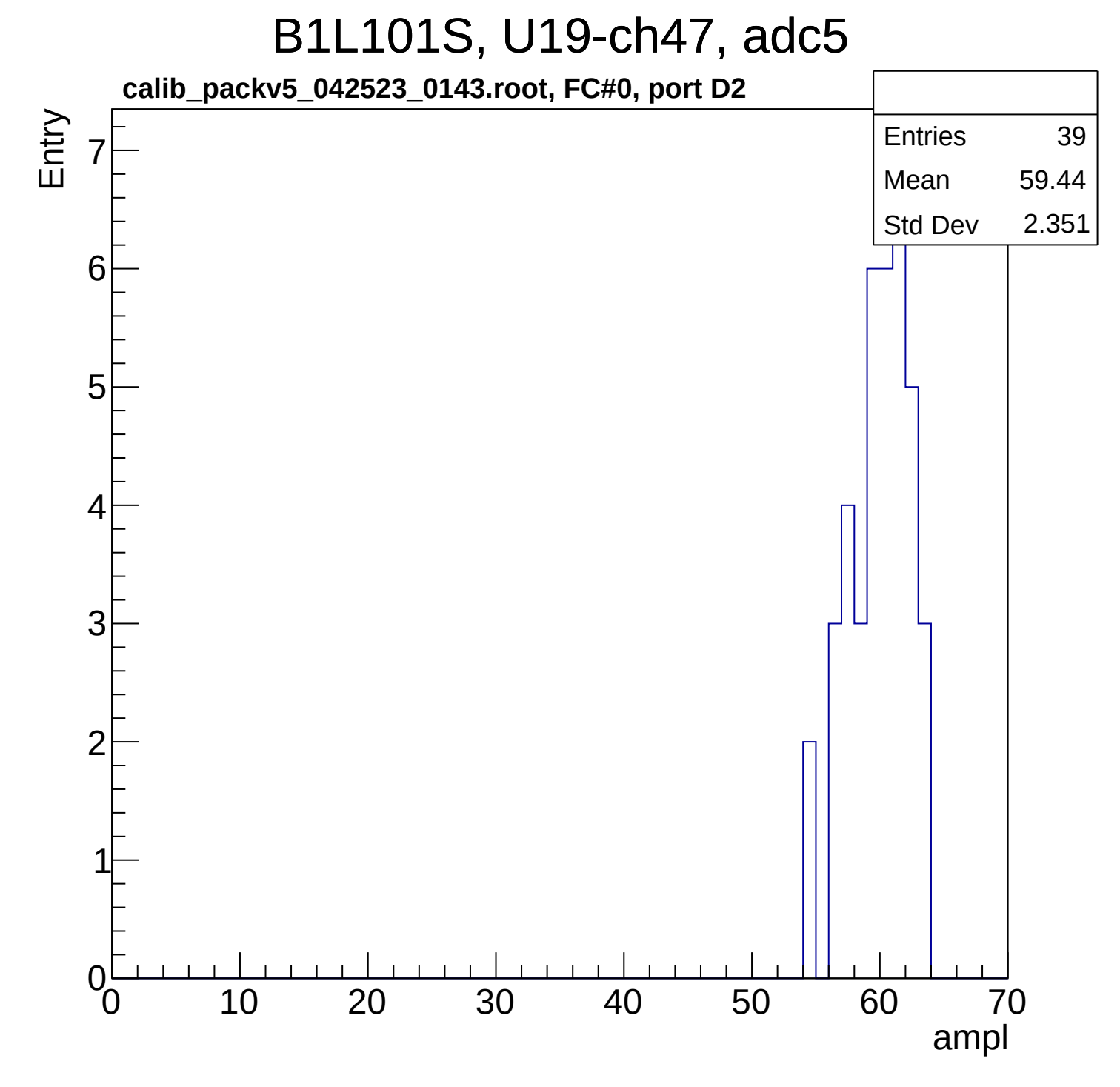
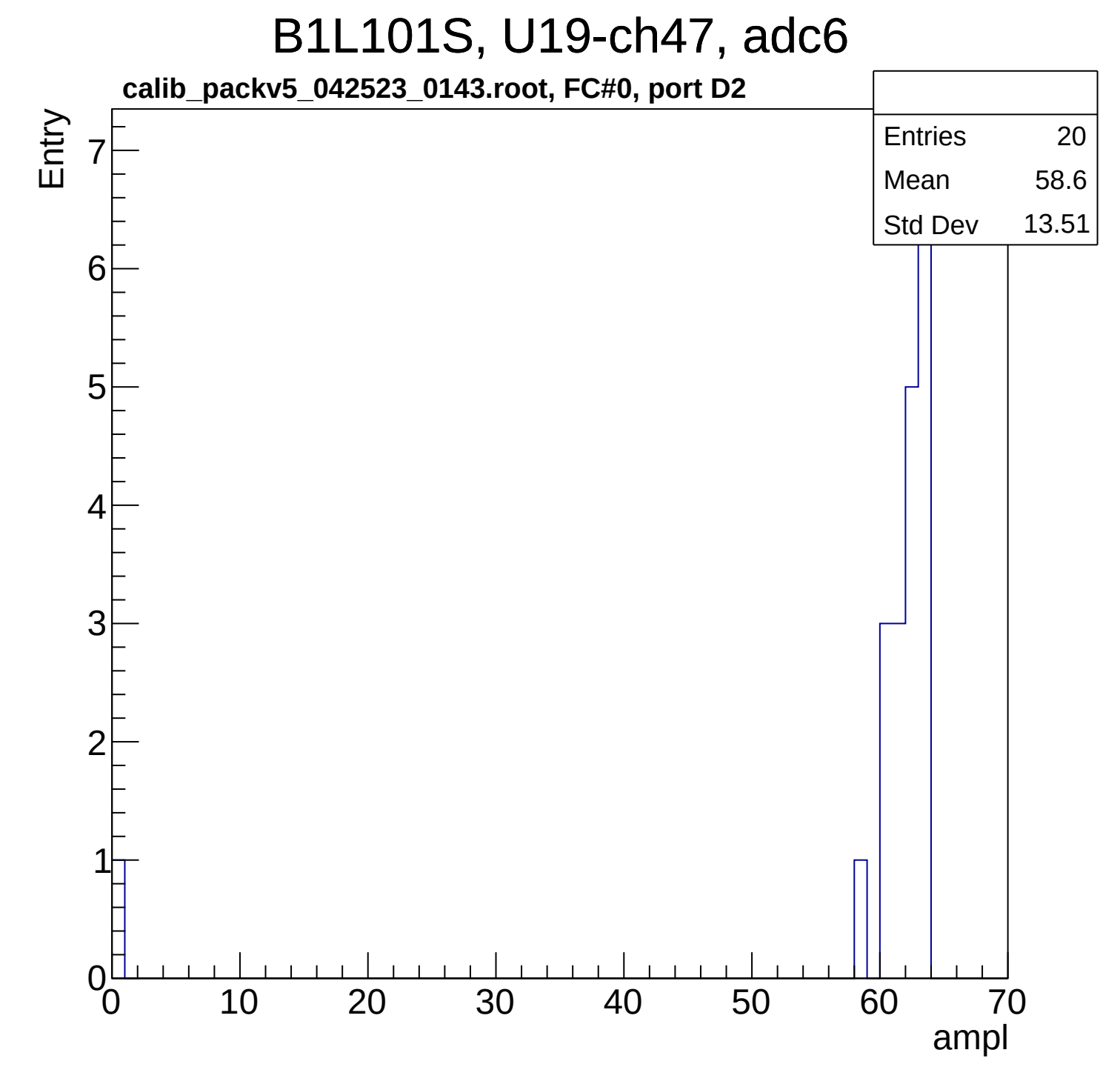

B1L101S, U19-ch47, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 88
Mean 34.65
Std Dev 3.699
Gaus mean : 35.3940
Gaus Width: 3.9188
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

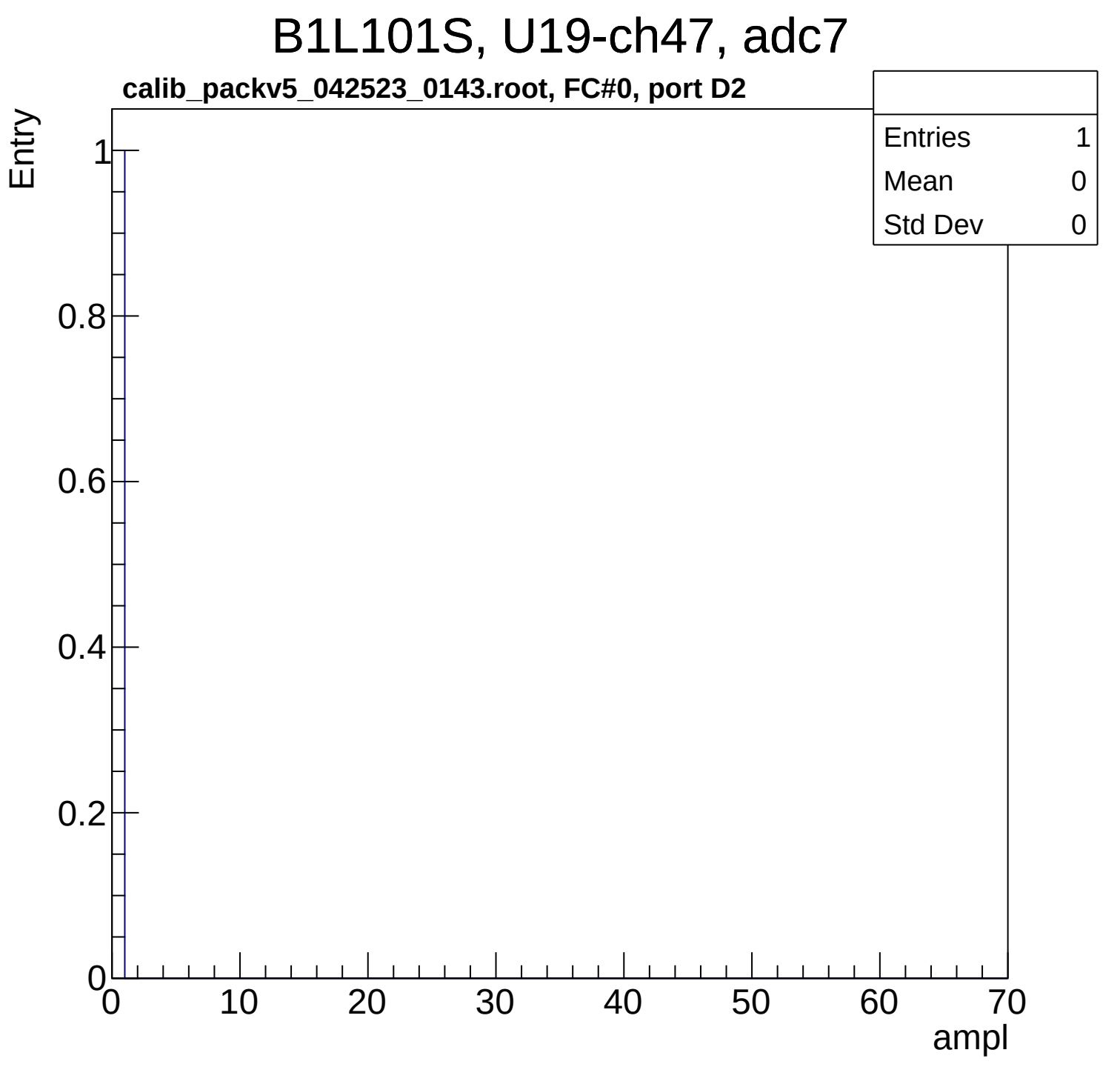

B1L101S, U19-ch47, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 42.06
Std Dev 3.058
Gaus mean : 42.0824
Gaus Width: 2.9656
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

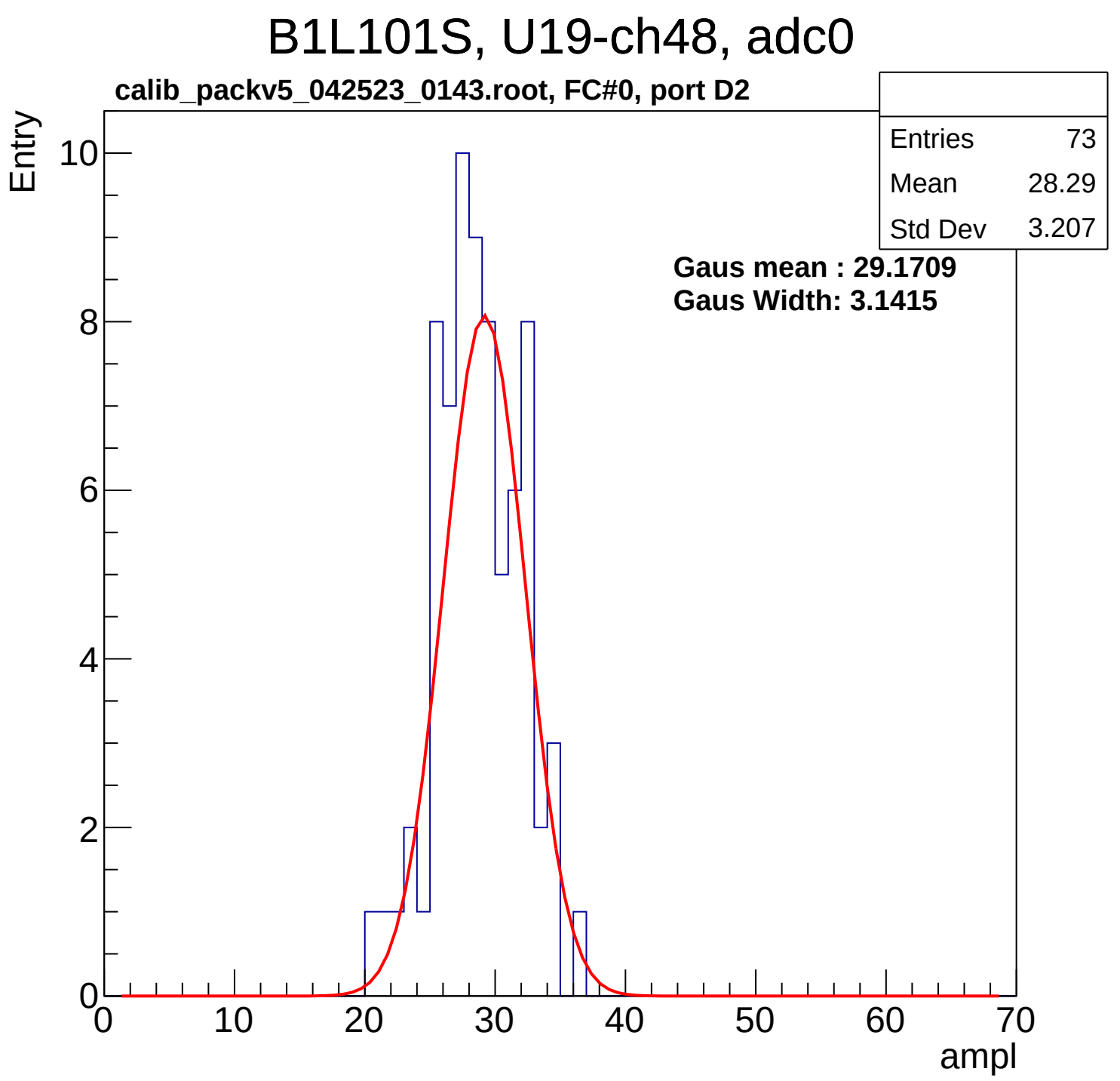

B1L101S, U19-ch47, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 47.52
Std Dev 3.331
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

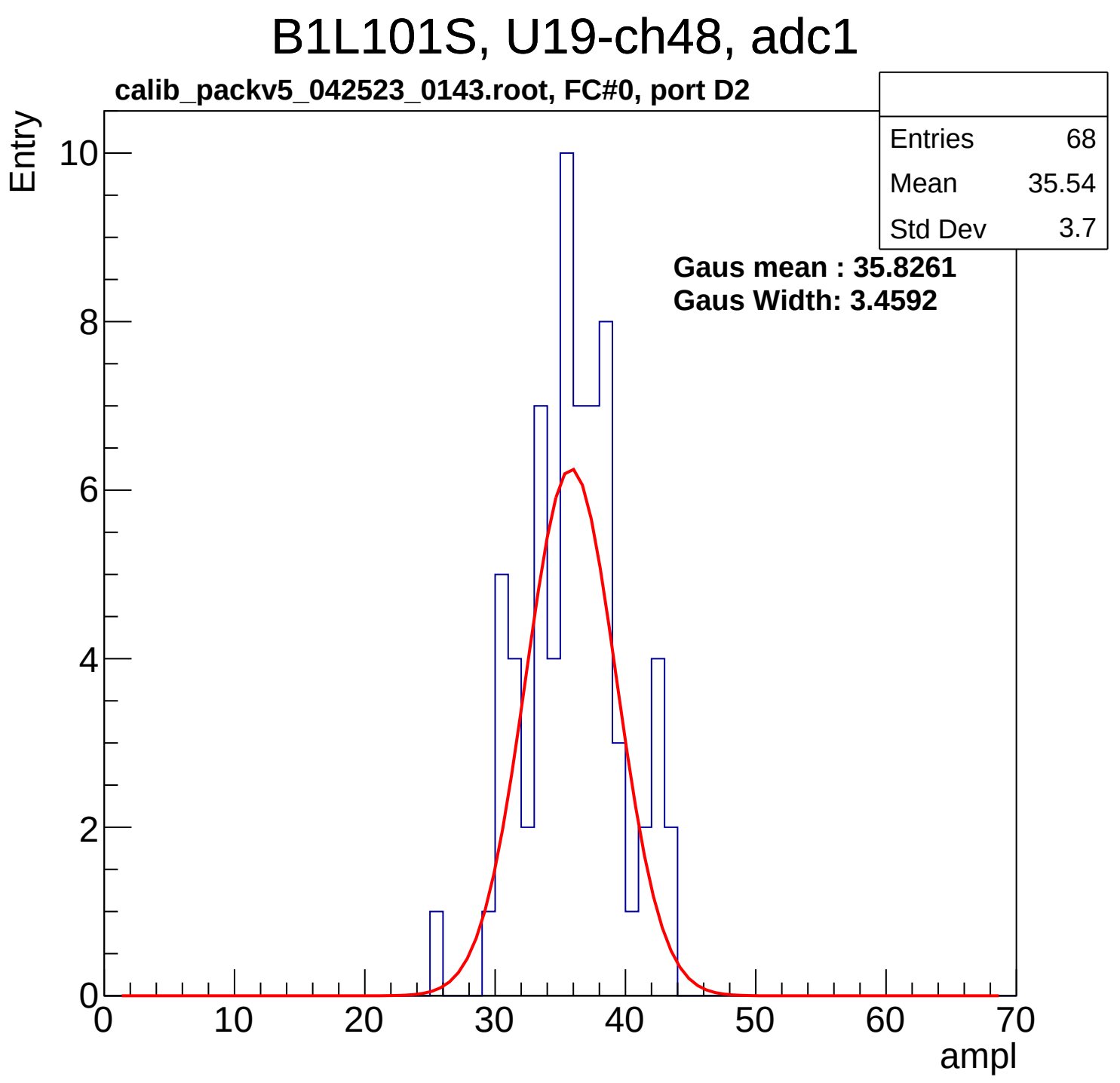

B1L101S, U19-ch47, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 54.04
Std Dev 3.052
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

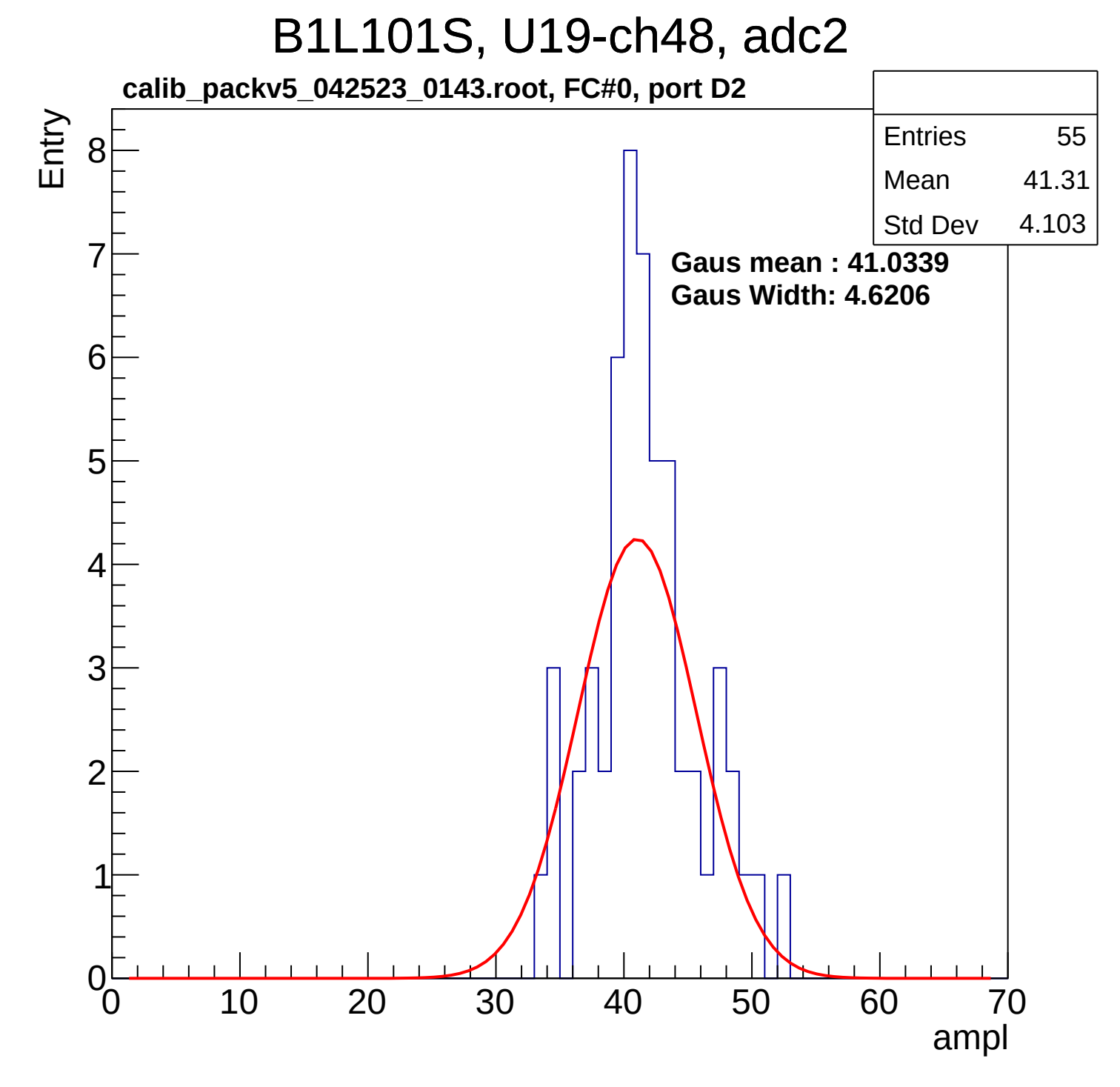

B1L101S, U19-ch47, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 59.44
Std Dev 2.351
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

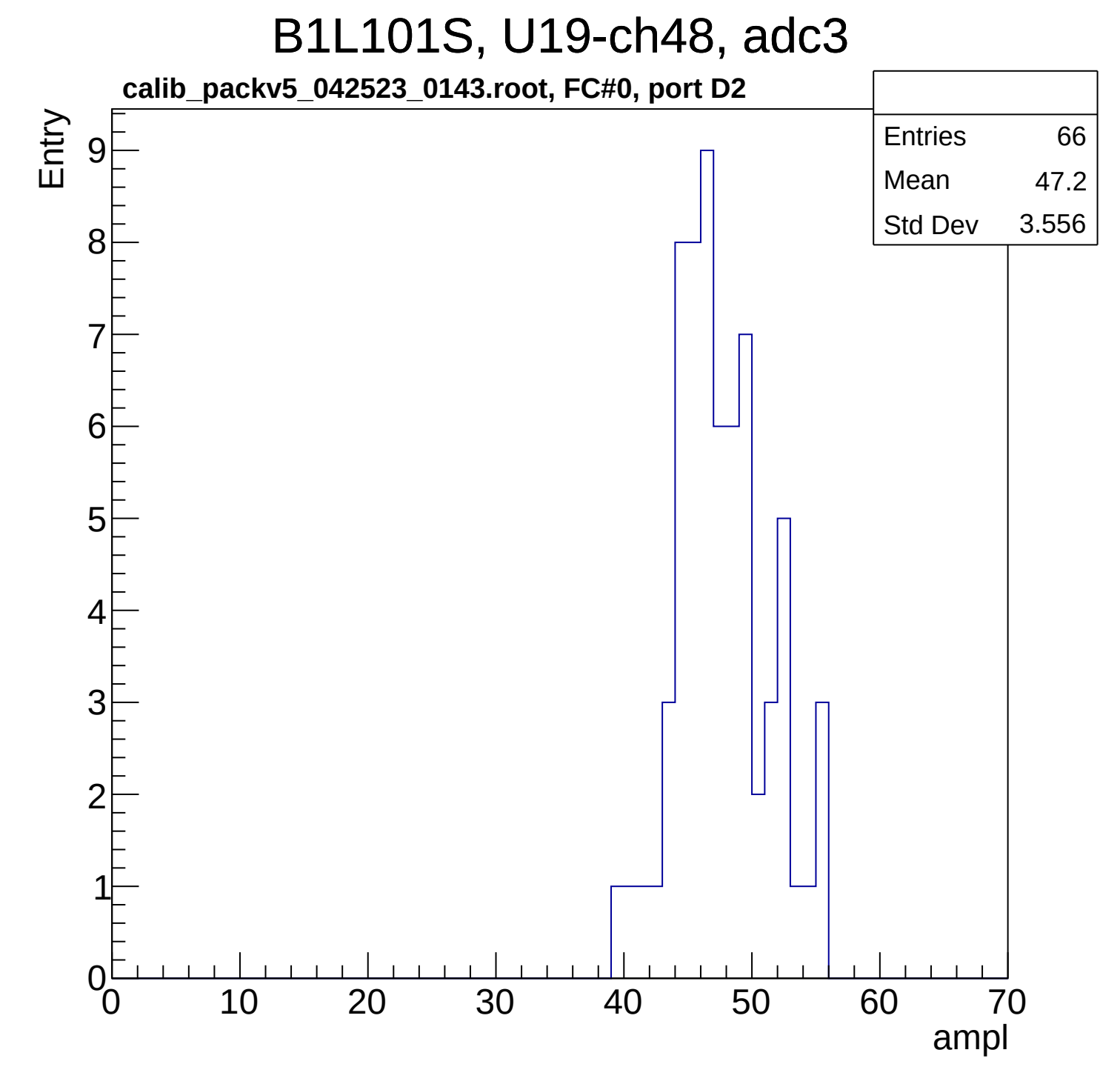

B1L101S, U19-ch47, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 20
Mean 58.6
Std Dev 13.51
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

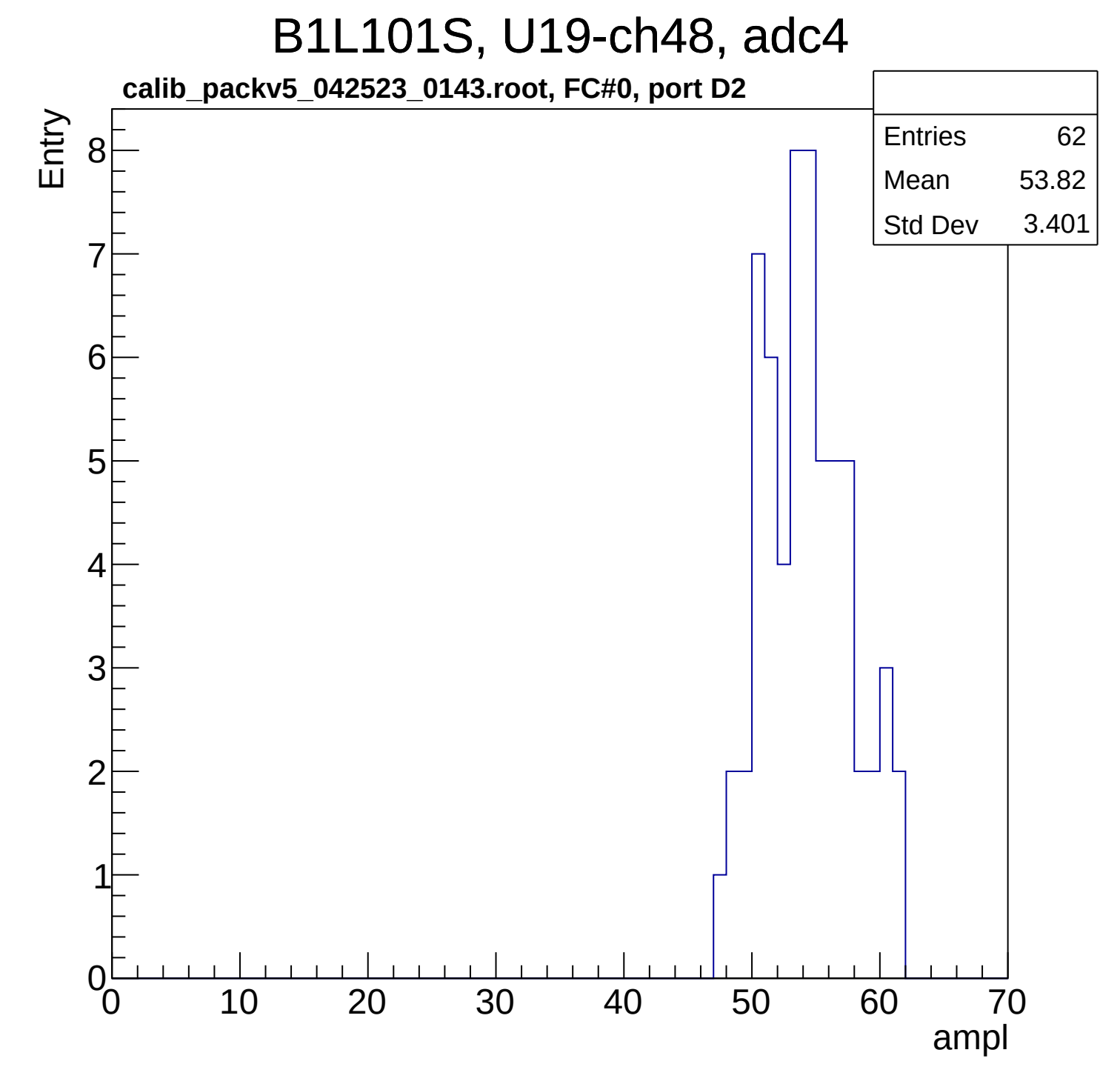

B1L101S, U19-ch47, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

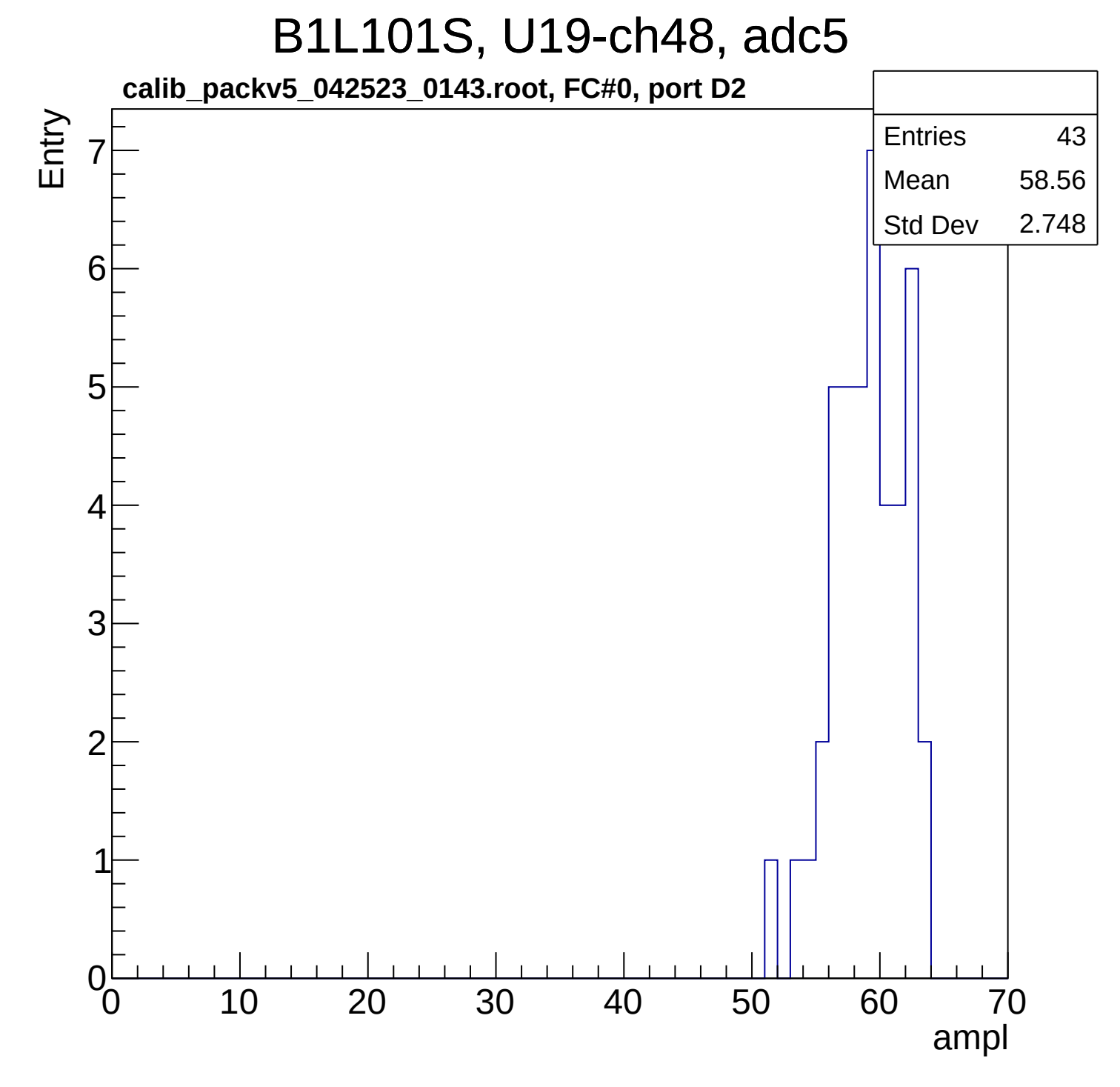

B1L101S, U19-ch48, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 28.29
Std Dev 3.207
Gaus mean : 29.1709
Gaus Width: 3.1415
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

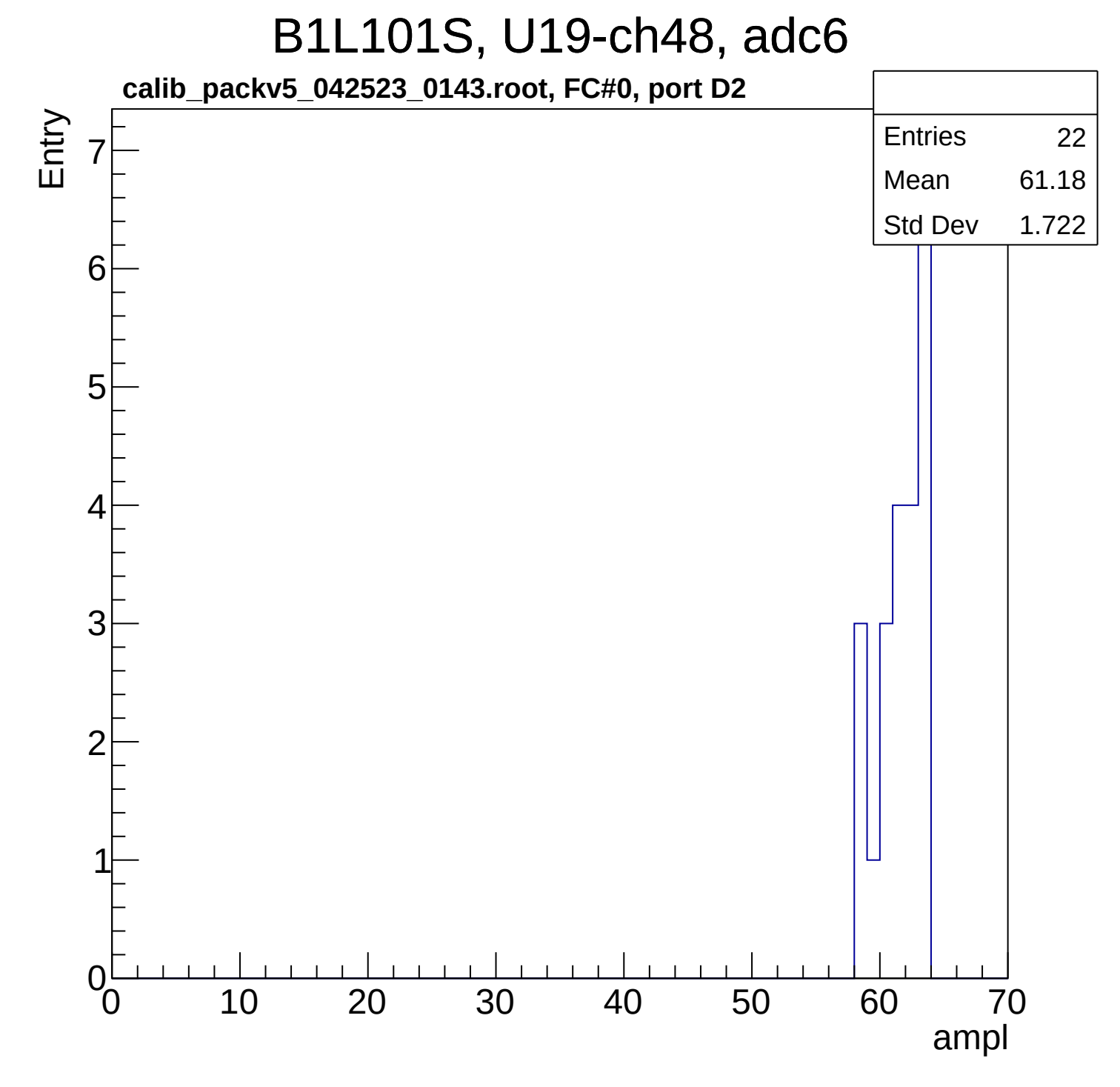

B1L101S, U19-ch48, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 35.54
Std Dev 3.7
Gaus mean : 35.8261
Gaus Width: 3.4592
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

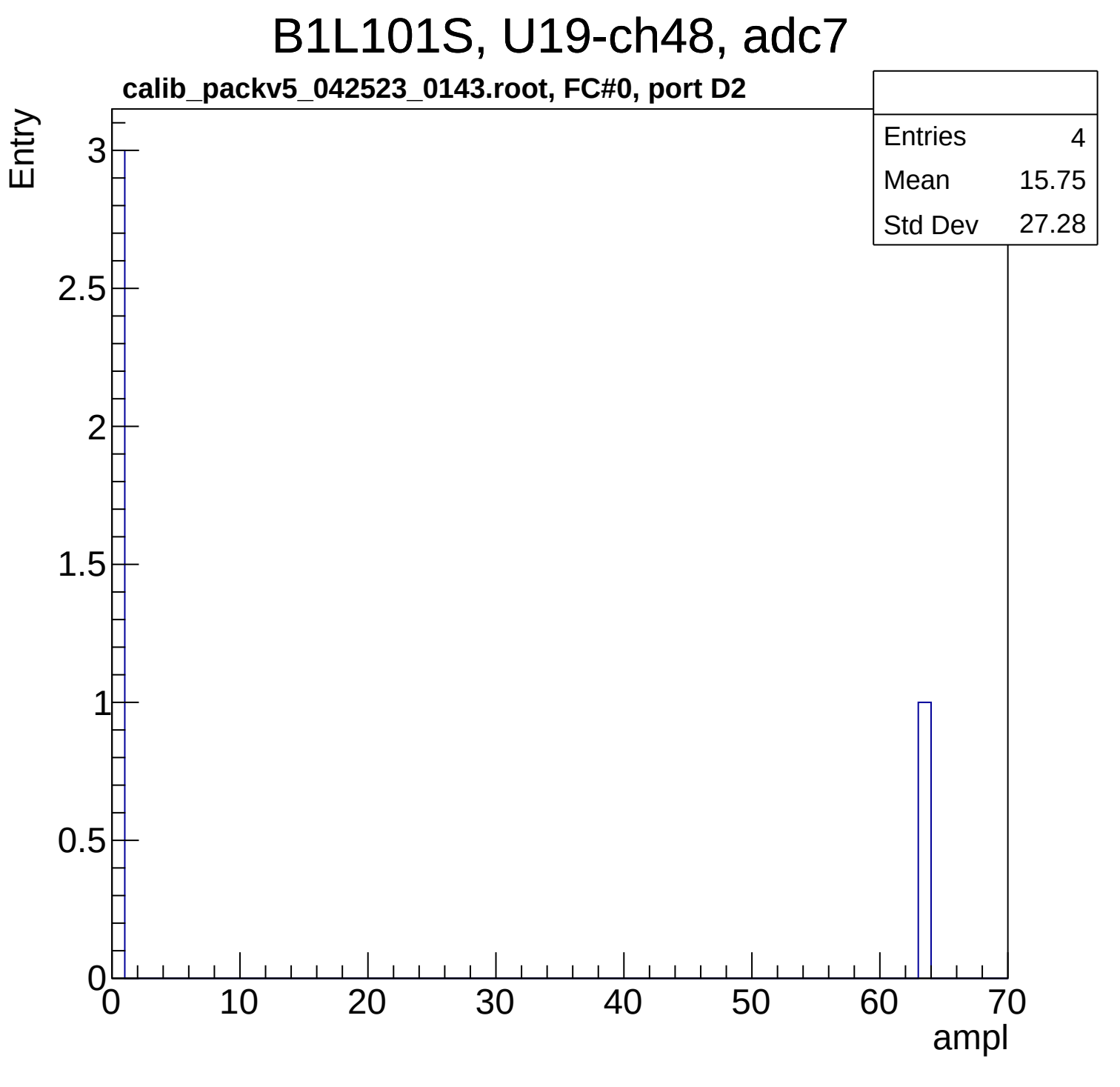

B1L101S, U19-ch48, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 41.31
Std Dev 4.103
Gaus mean : 41.0339
Gaus Width: 4.6206
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch48, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 47.2
Std Dev 3.556
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch48, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 53.82
Std Dev 3.401
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch48, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 58.56
Std Dev 2.748
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch48, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 22
Mean 61.18
Std Dev 1.722
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch48, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 15.75
Std Dev 27.28
Entry
ampl
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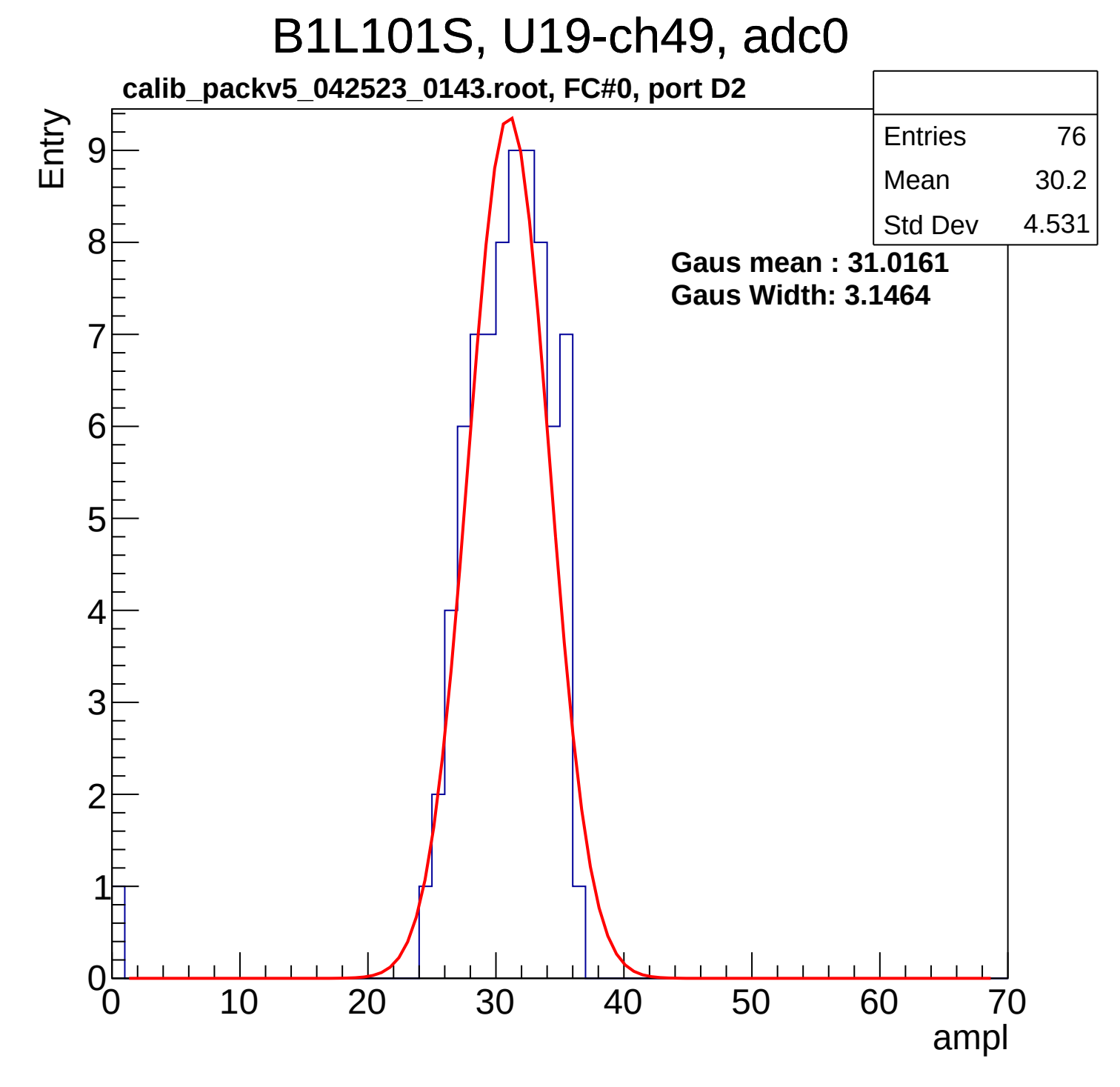
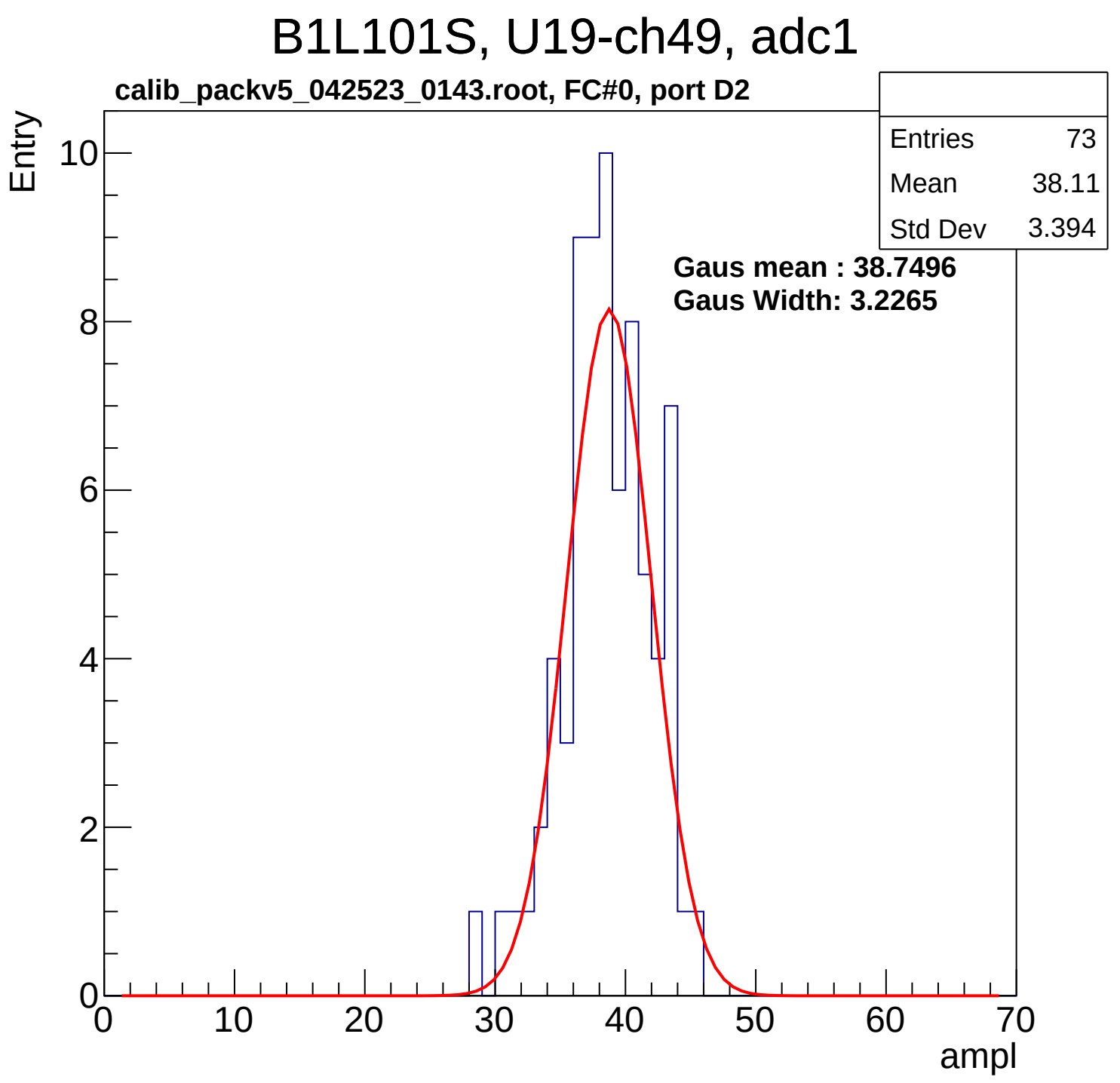
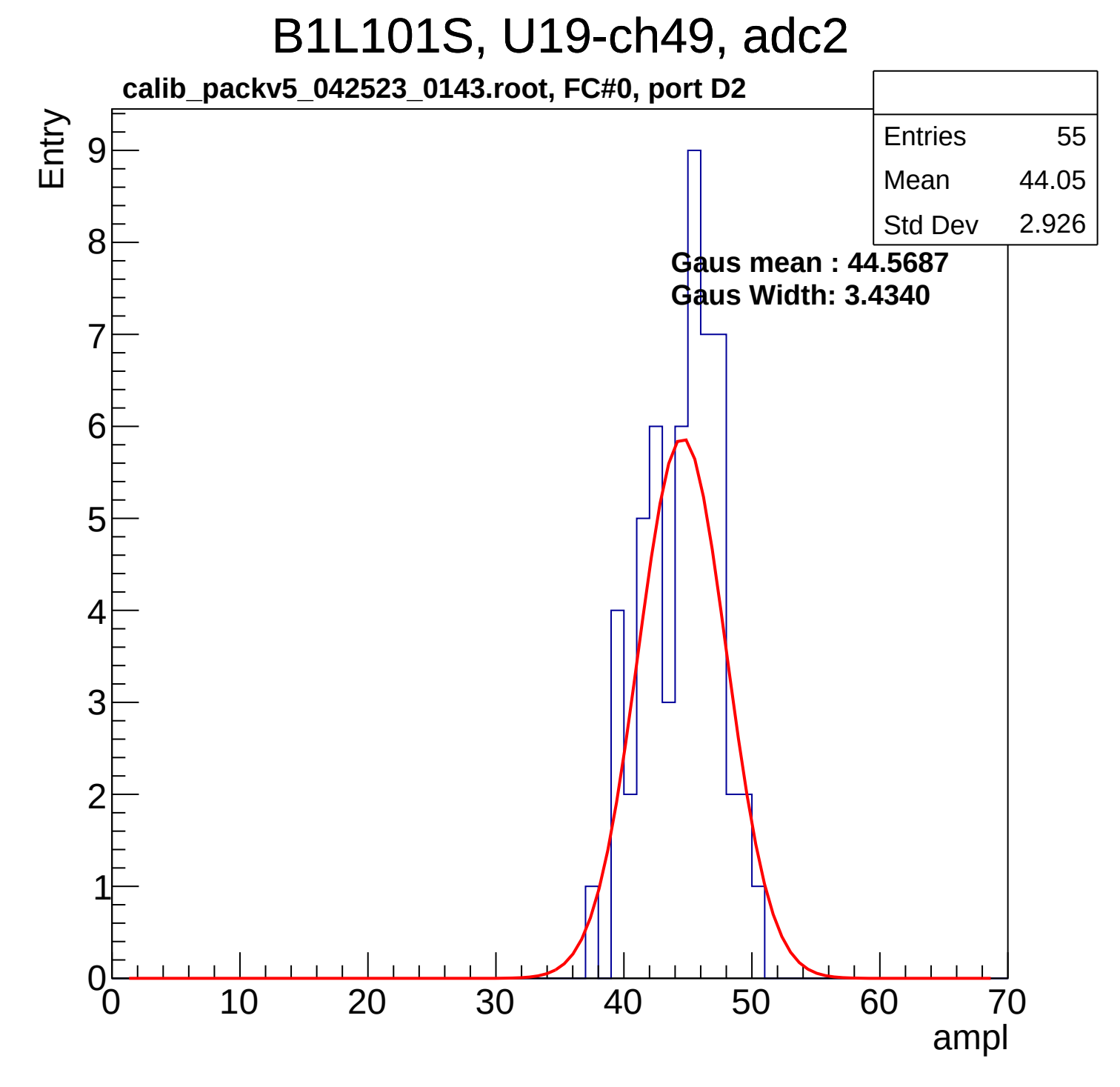
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch49, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 30.2
Std Dev 4.531
Gaus mean : 31.0161
Gaus Width: 3.1464
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch49, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 38.11
Std Dev 3.394
Gaus mean : 38.7496
Gaus Width: 3.2265
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch49, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 44.05
Std Dev 2.926
Gaus mean : 44.5687
Gaus Width: 3.4340
Entry
ampl
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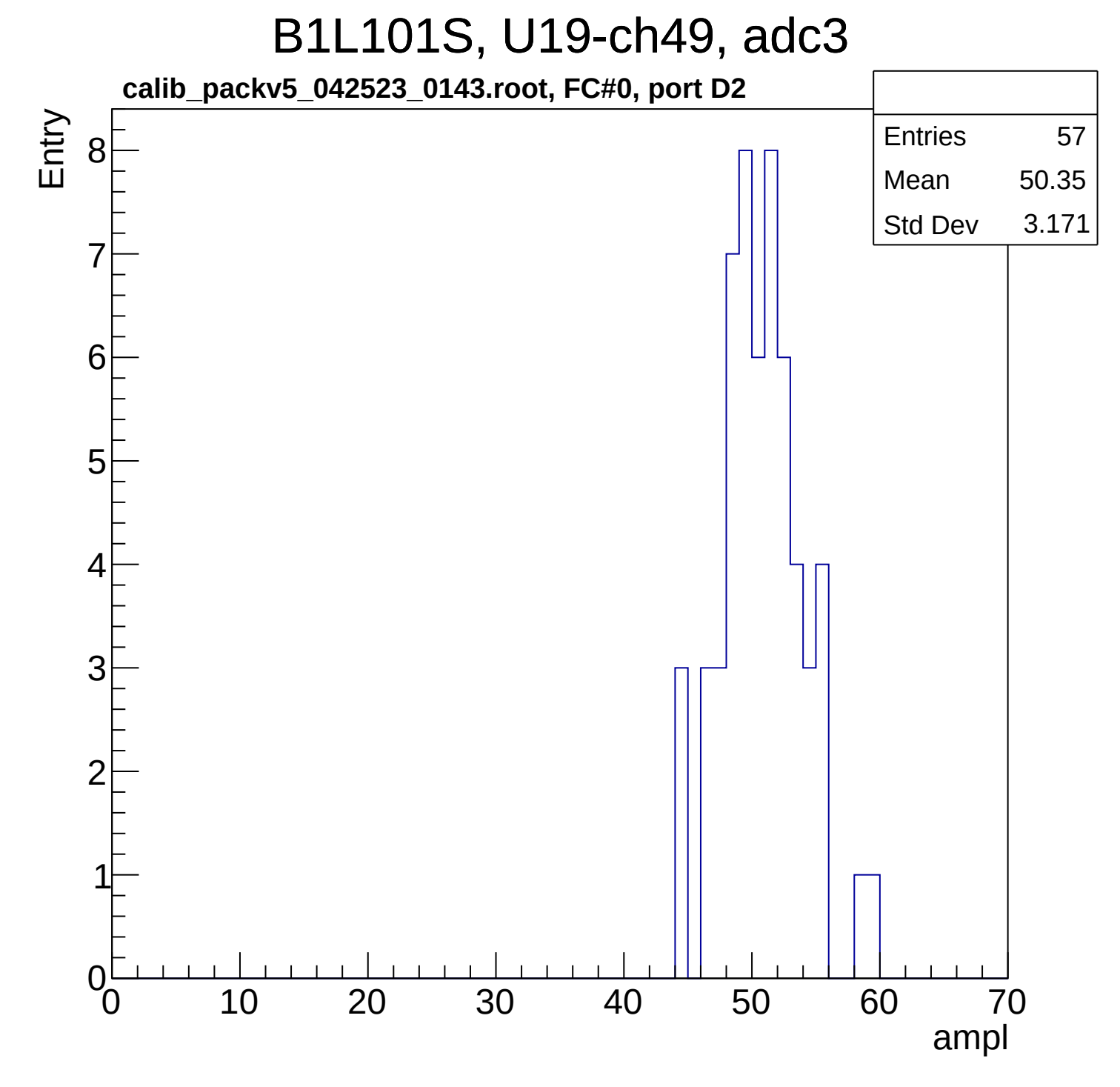
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch49, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 50.35
Std Dev 3.171
Entry
ampl
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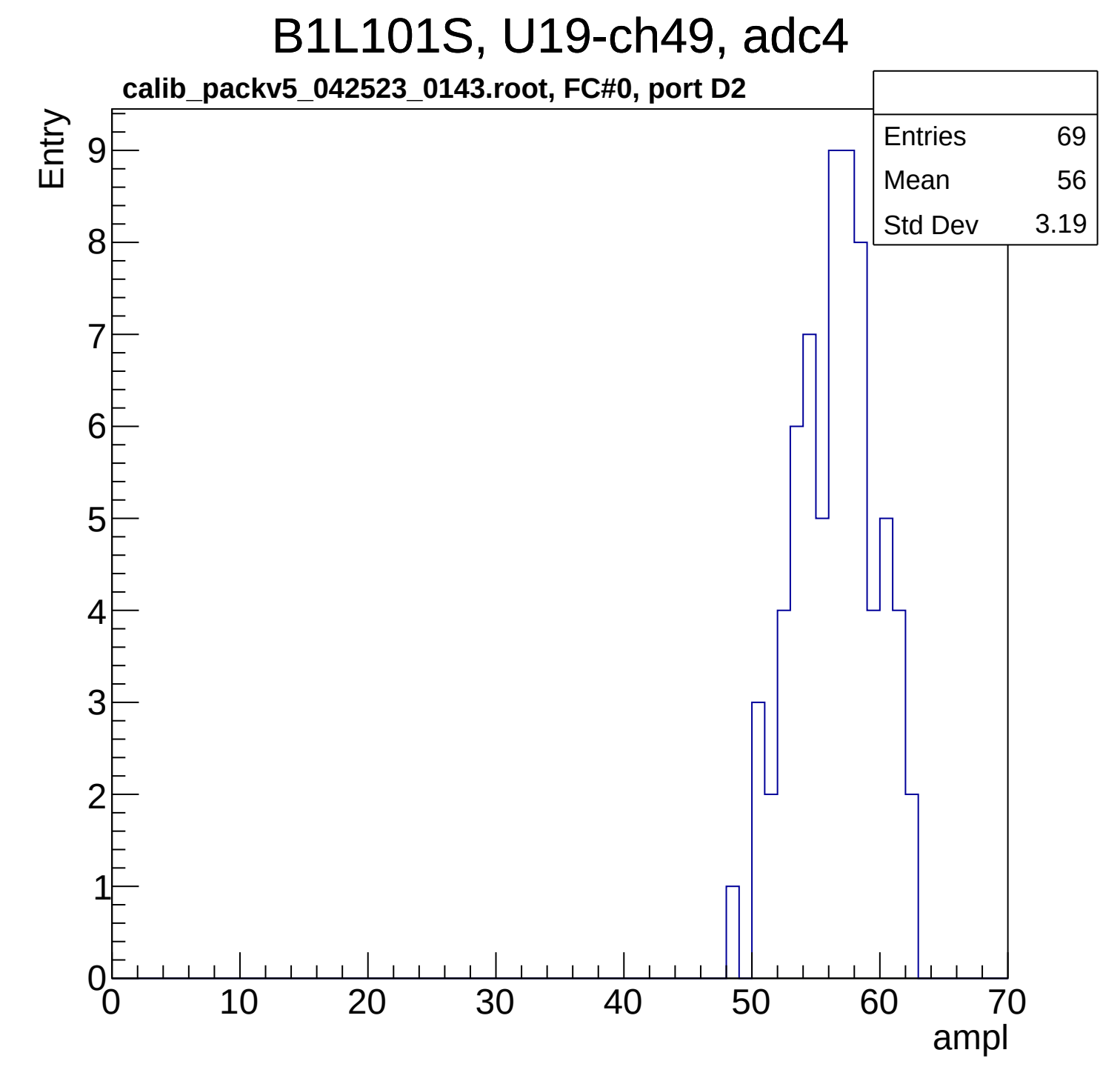
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch49, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 56
Std Dev 3.19
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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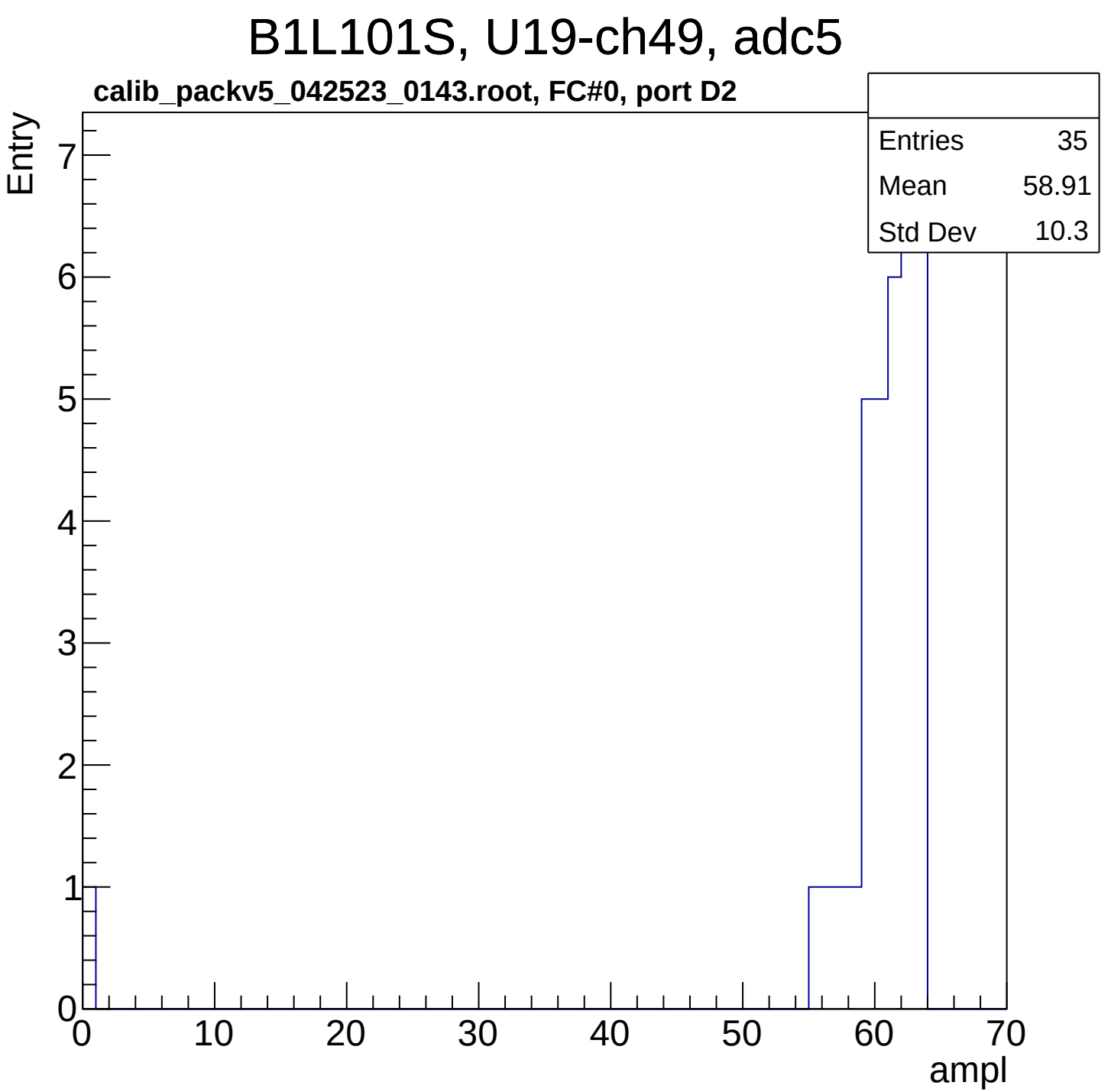
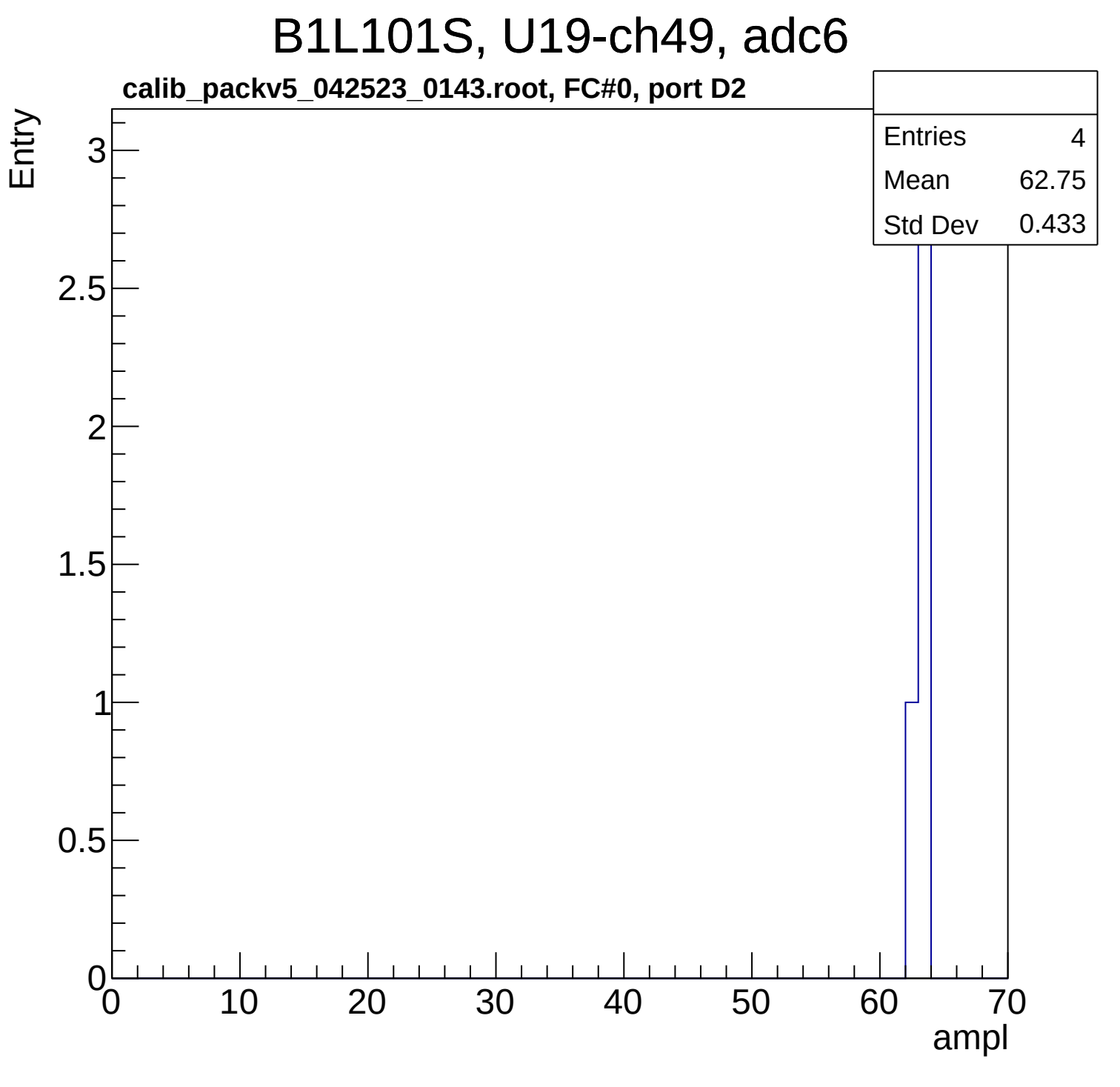

B1L101S, U19-ch49, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 58.91
Std Dev 10.3
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch49, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
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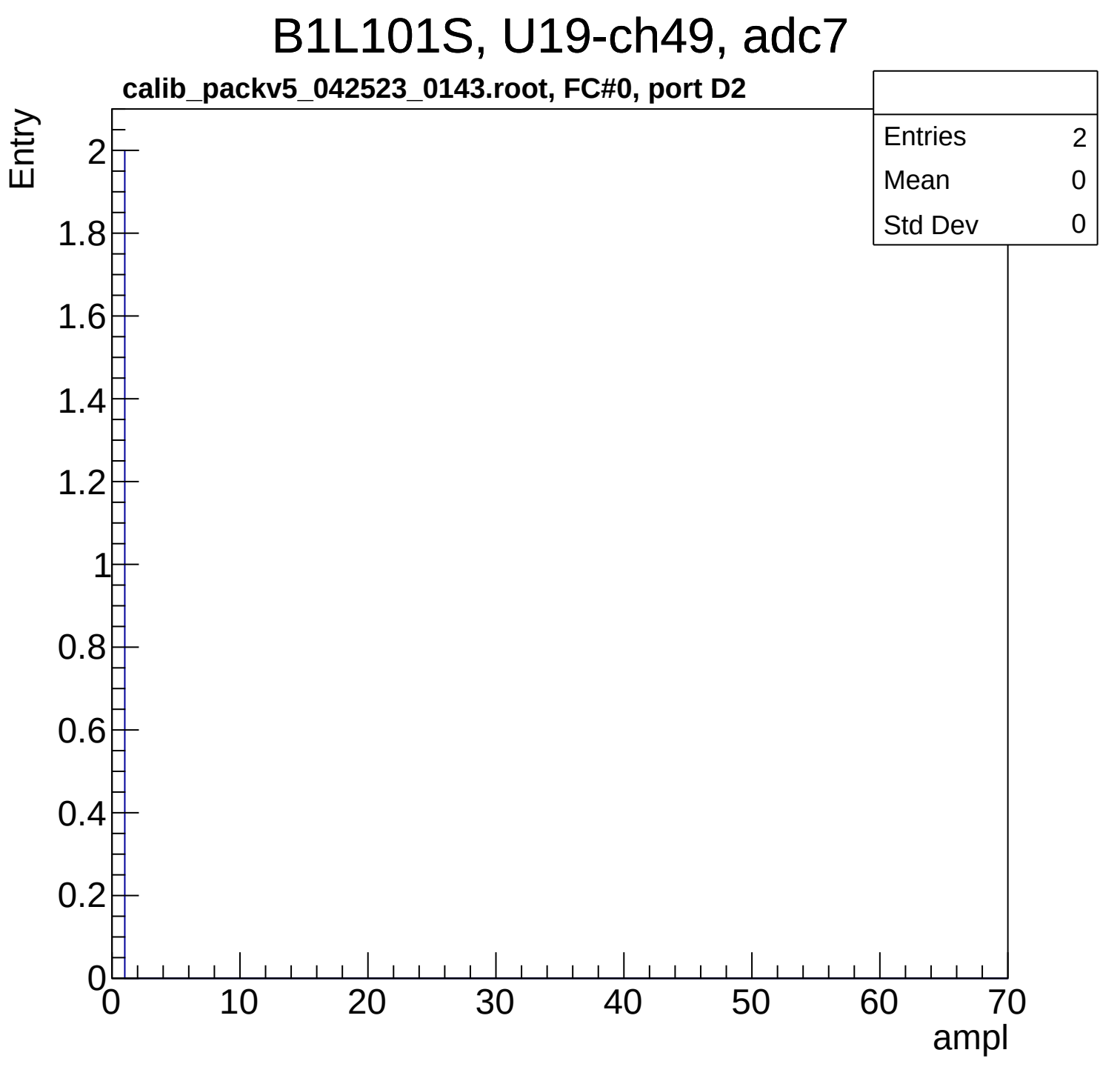
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch49, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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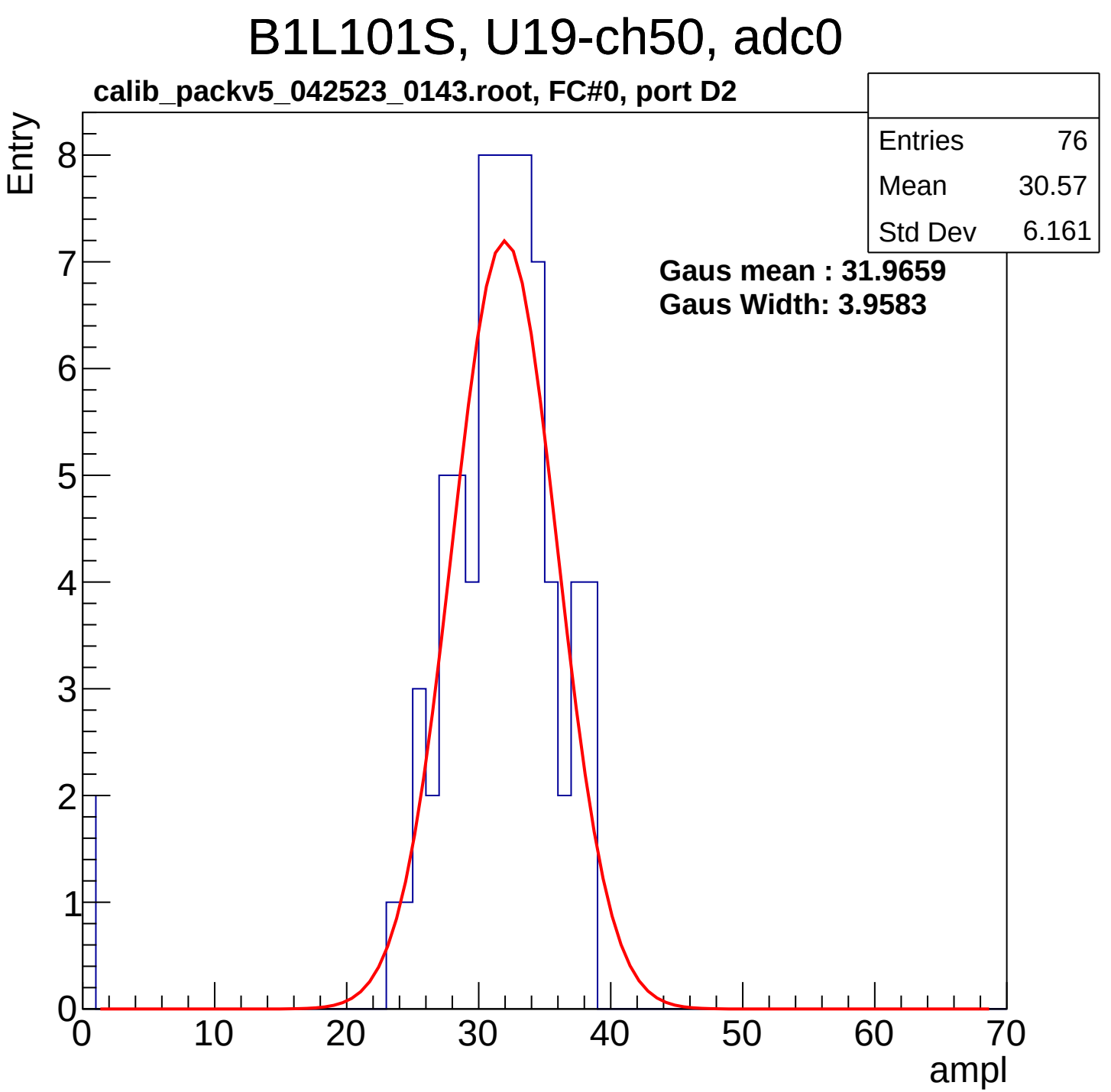
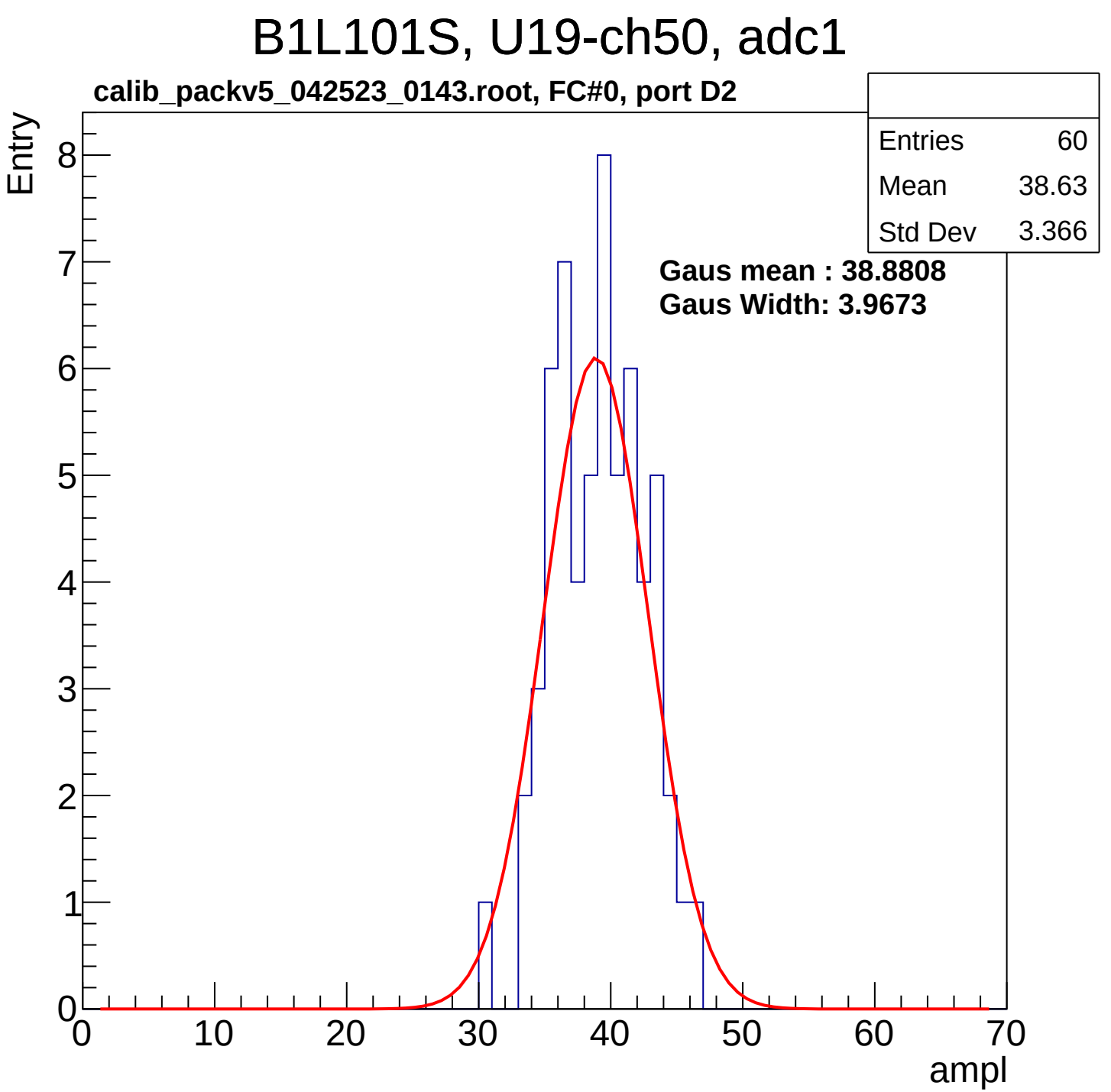
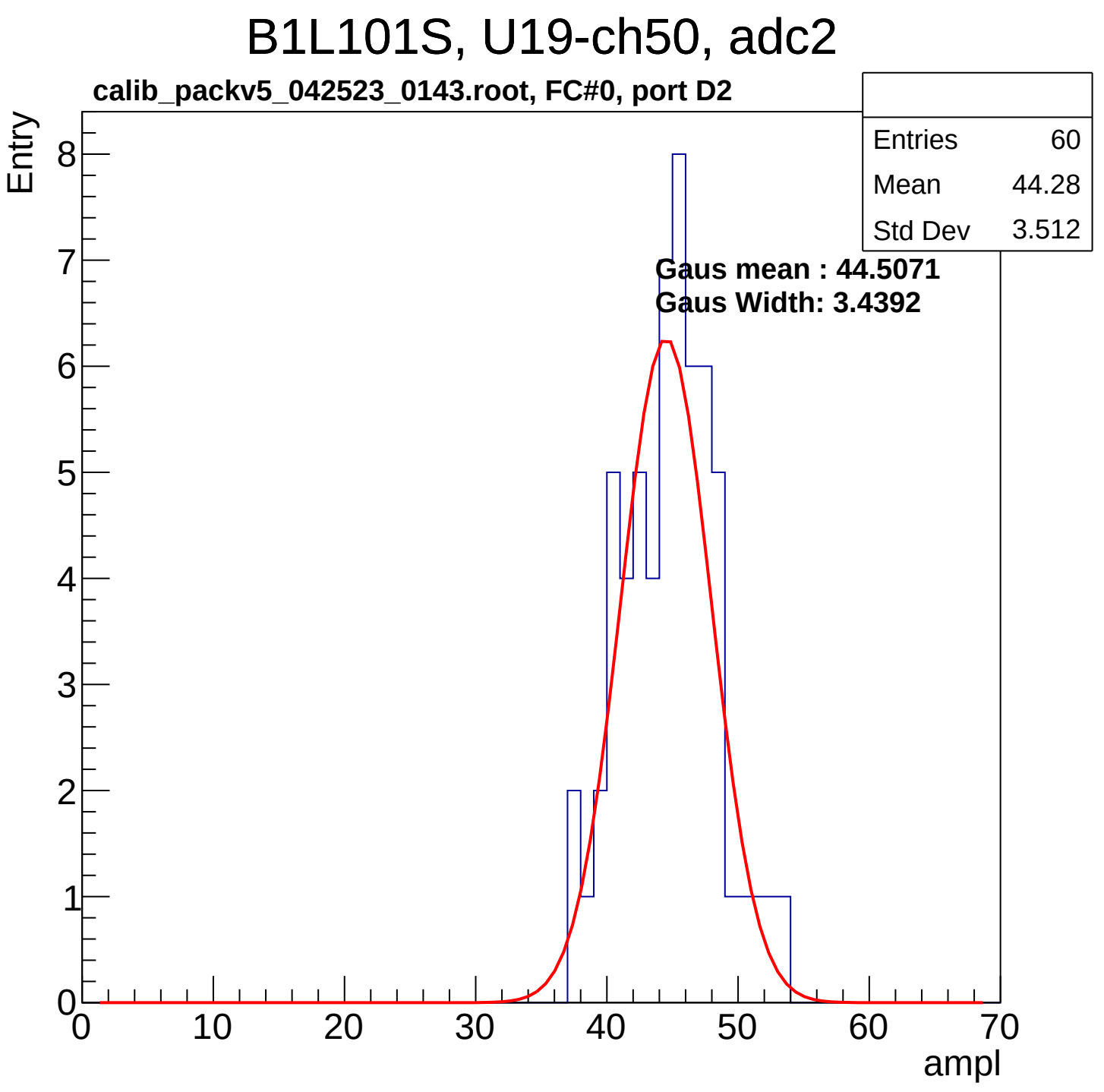

B1L101S, U19-ch50, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 30.57
Std Dev 6.161
Gaus mean : 31.9659
Gaus Width: 3.9583
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch50, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 38.63
Std Dev 3.366
Gaus mean : 38.8808
Gaus Width: 3.9673
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch50, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 44.28
Std Dev 3.512
Gaus mean : 44.5071
Gaus Width: 3.4392
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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30
40
50
60
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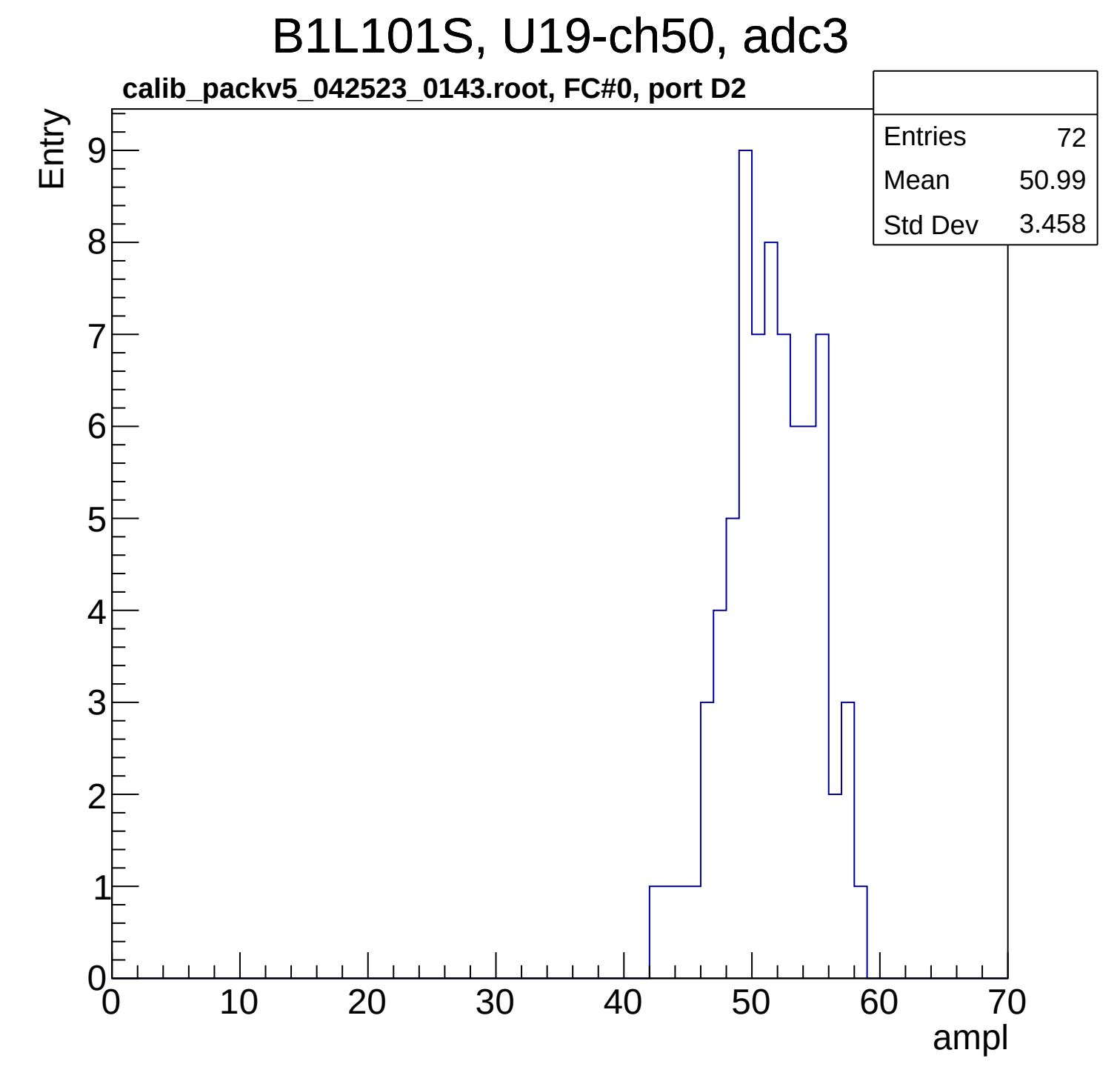
B1L101S, U19-ch50, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 50.99
Std Dev 3.458
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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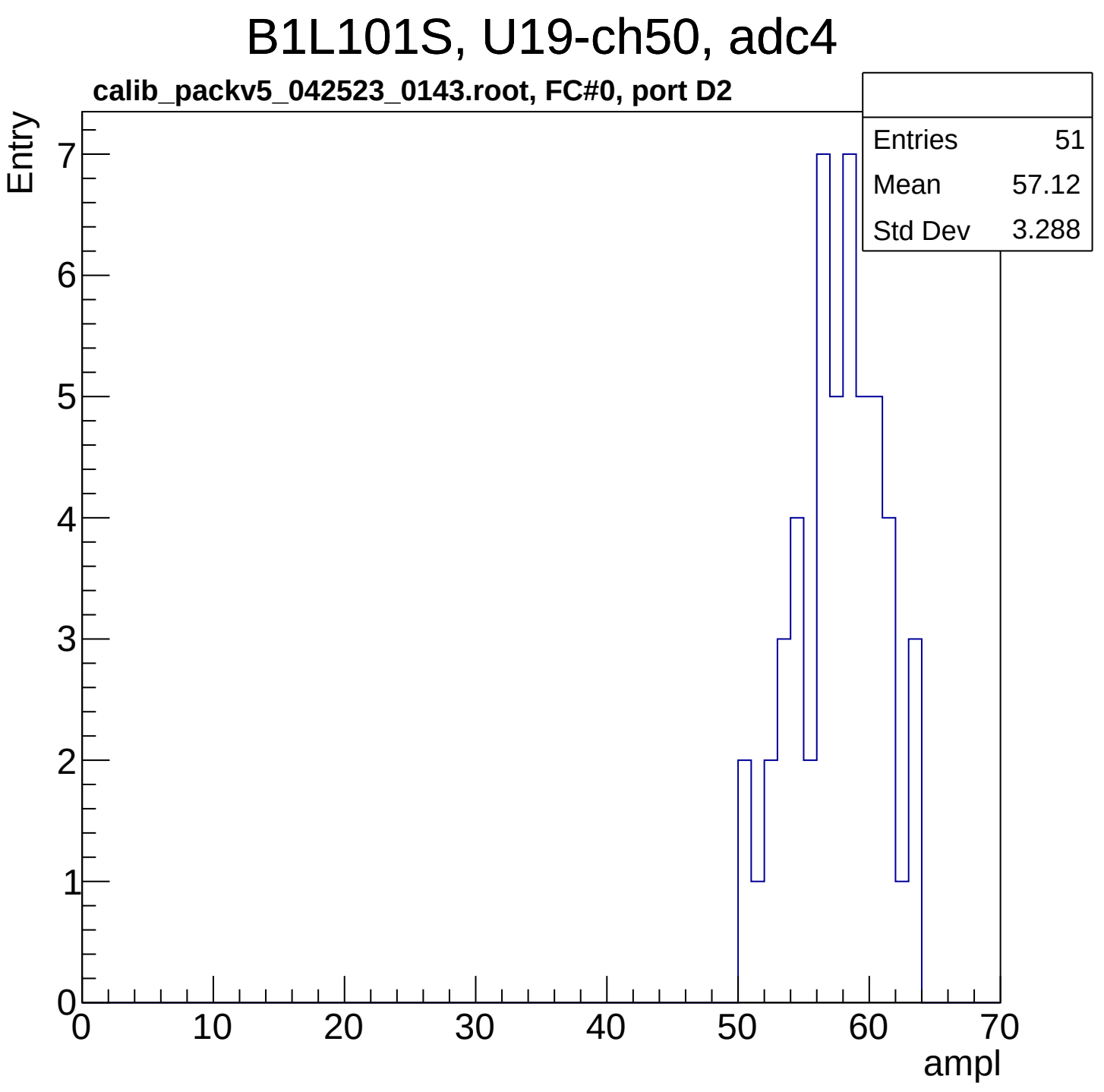
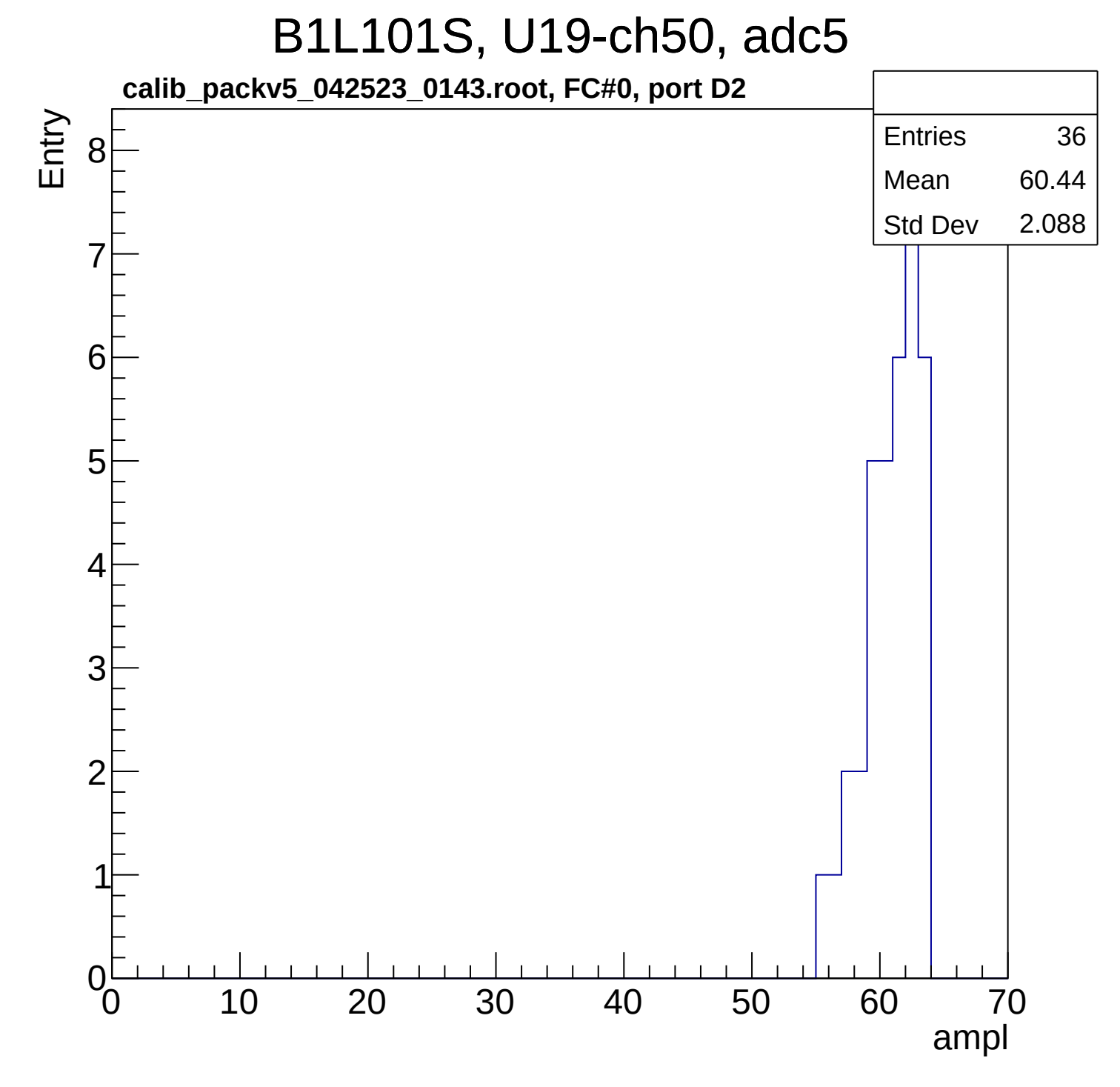

B1L101S, U19-ch50, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 57.12
Std Dev 3.288
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch50, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 60.44
Std Dev 2.088
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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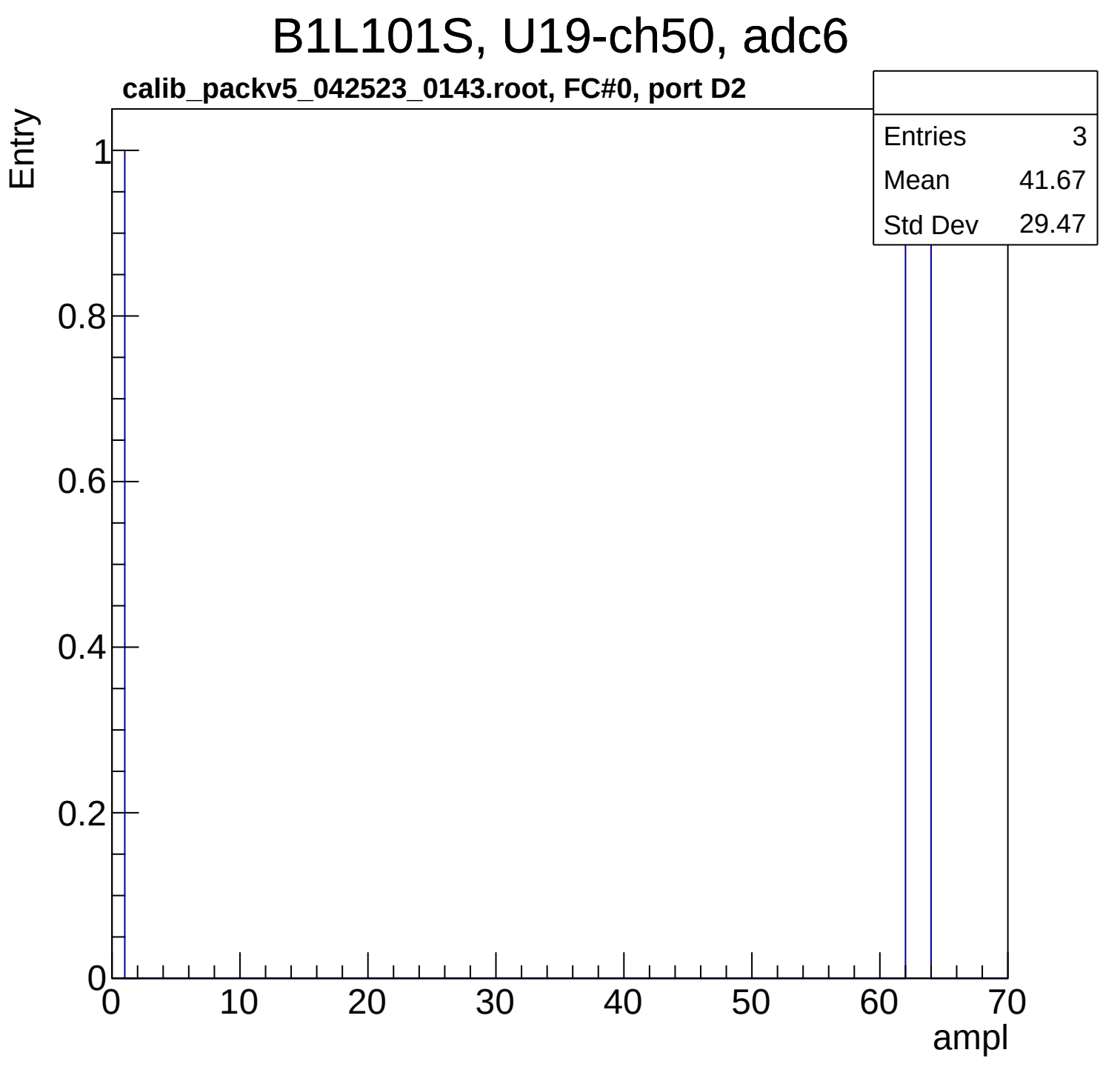
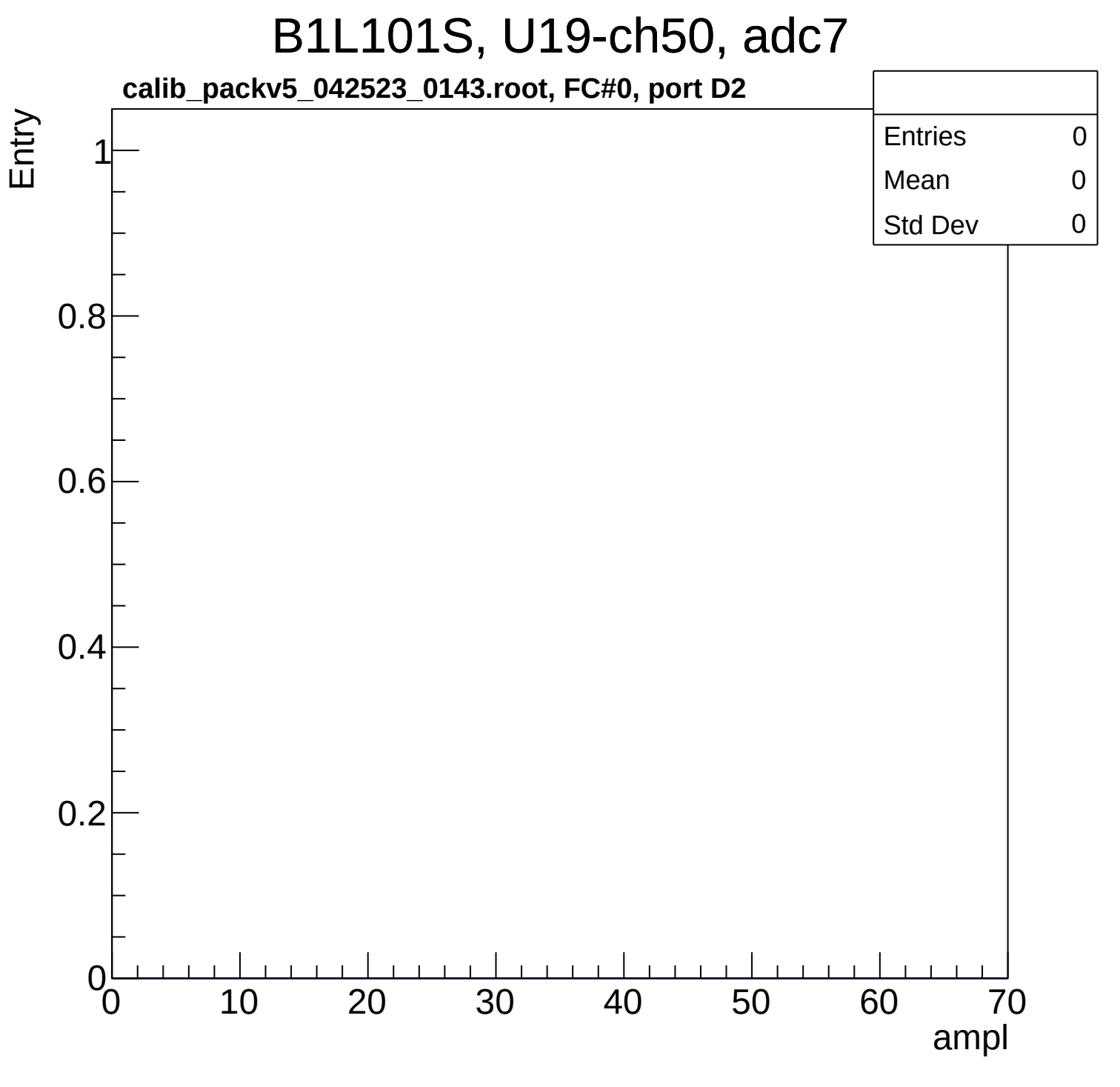
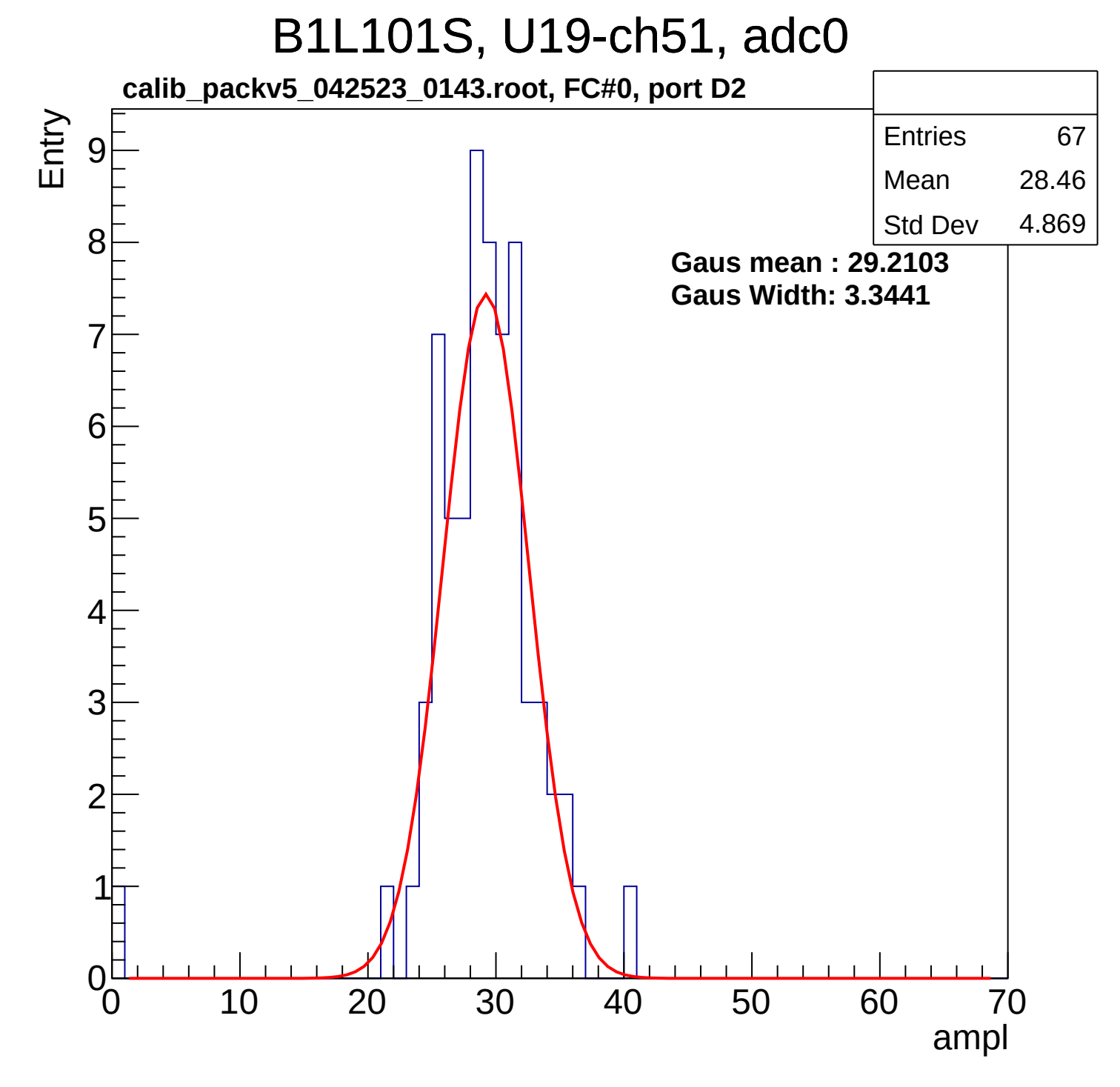

B1L101S, U19-ch50, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 41.67
Std Dev 29.47
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch50, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch51, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 28.46
Std Dev 4.869
Gaus mean : 29.2103
Gaus Width: 3.3441
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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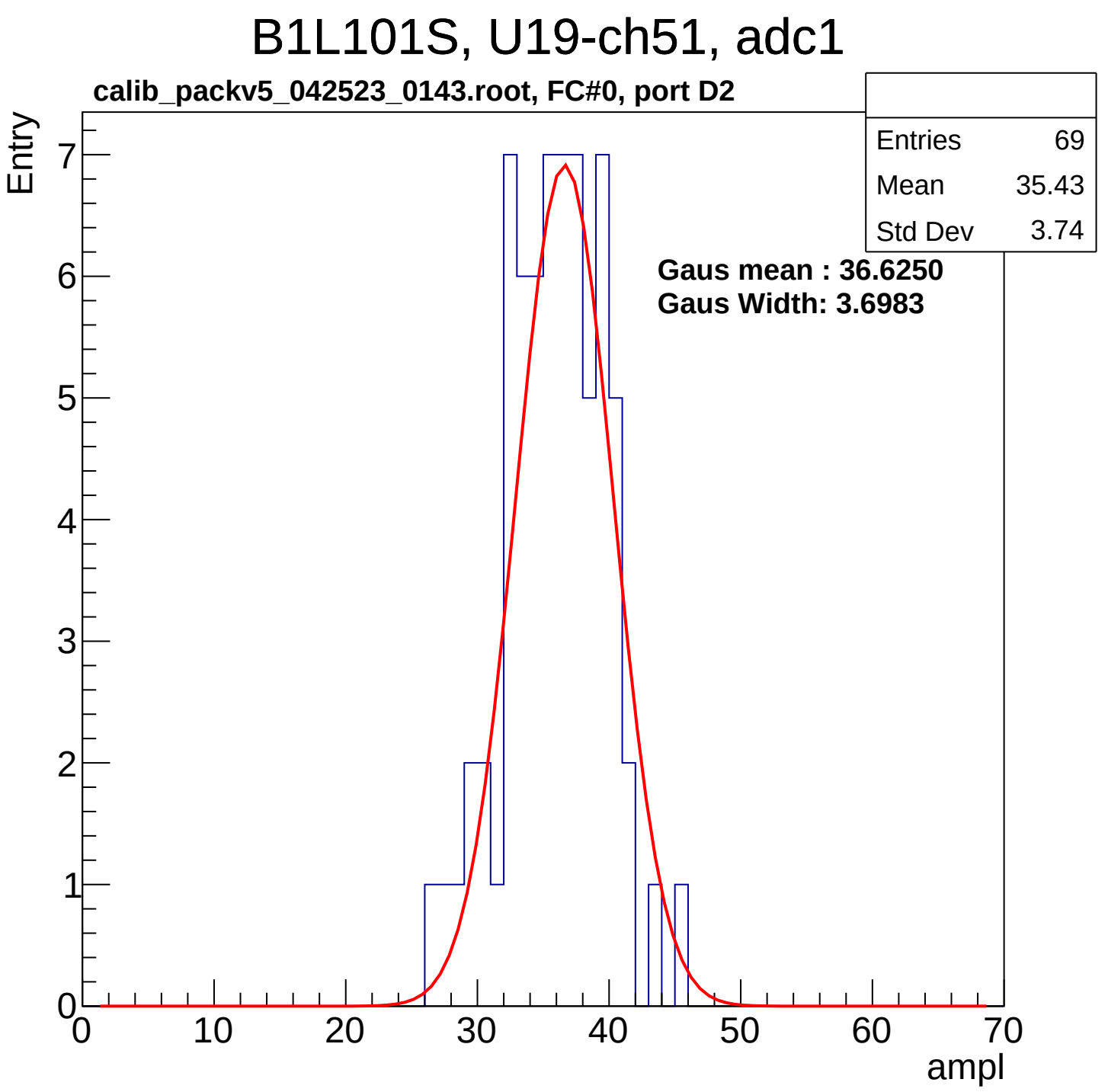
B1L101S, U19-ch51, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 35.43
Std Dev 3.74
Gaus mean : 36.6250
Gaus Width: 3.6983
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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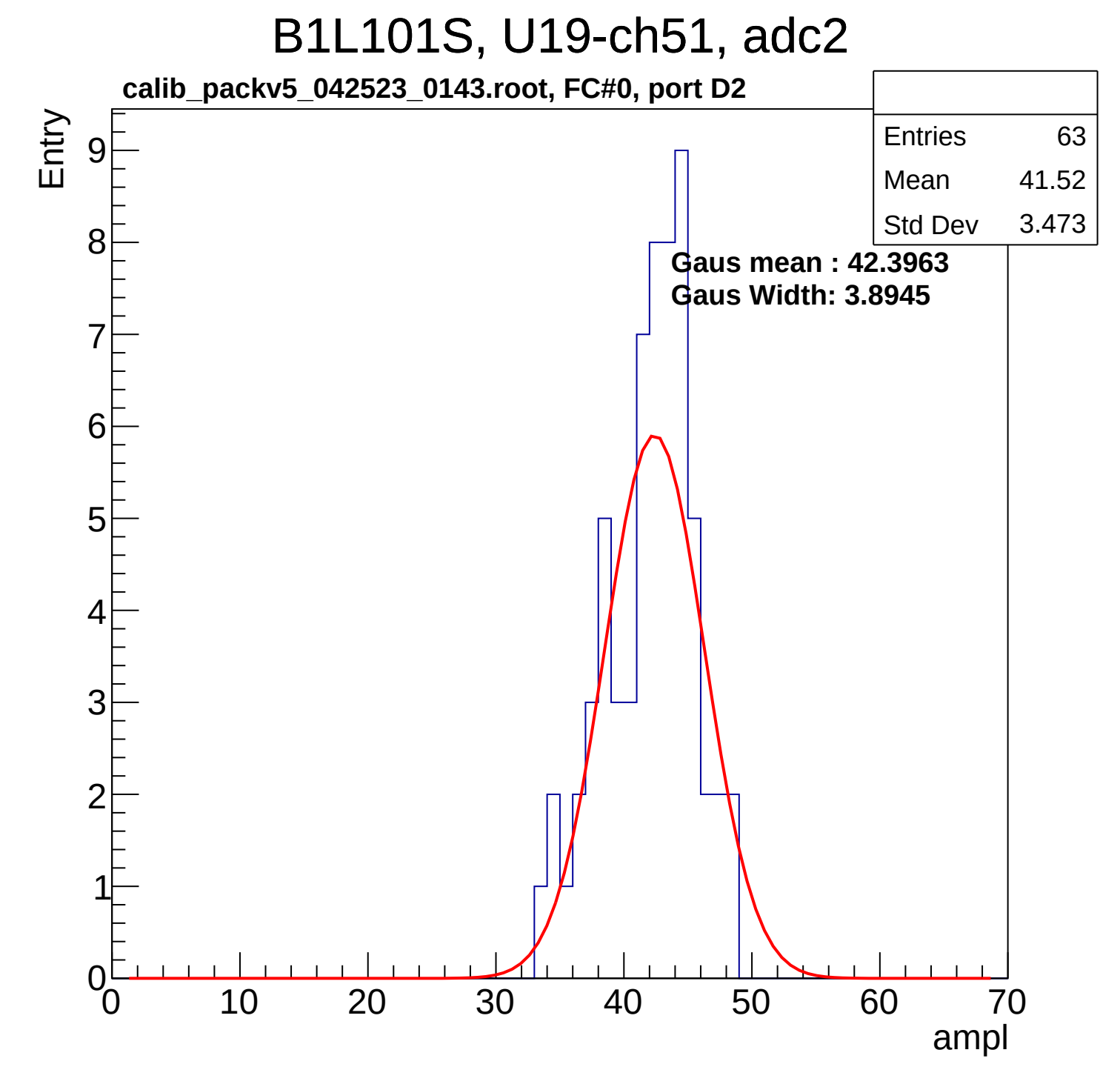
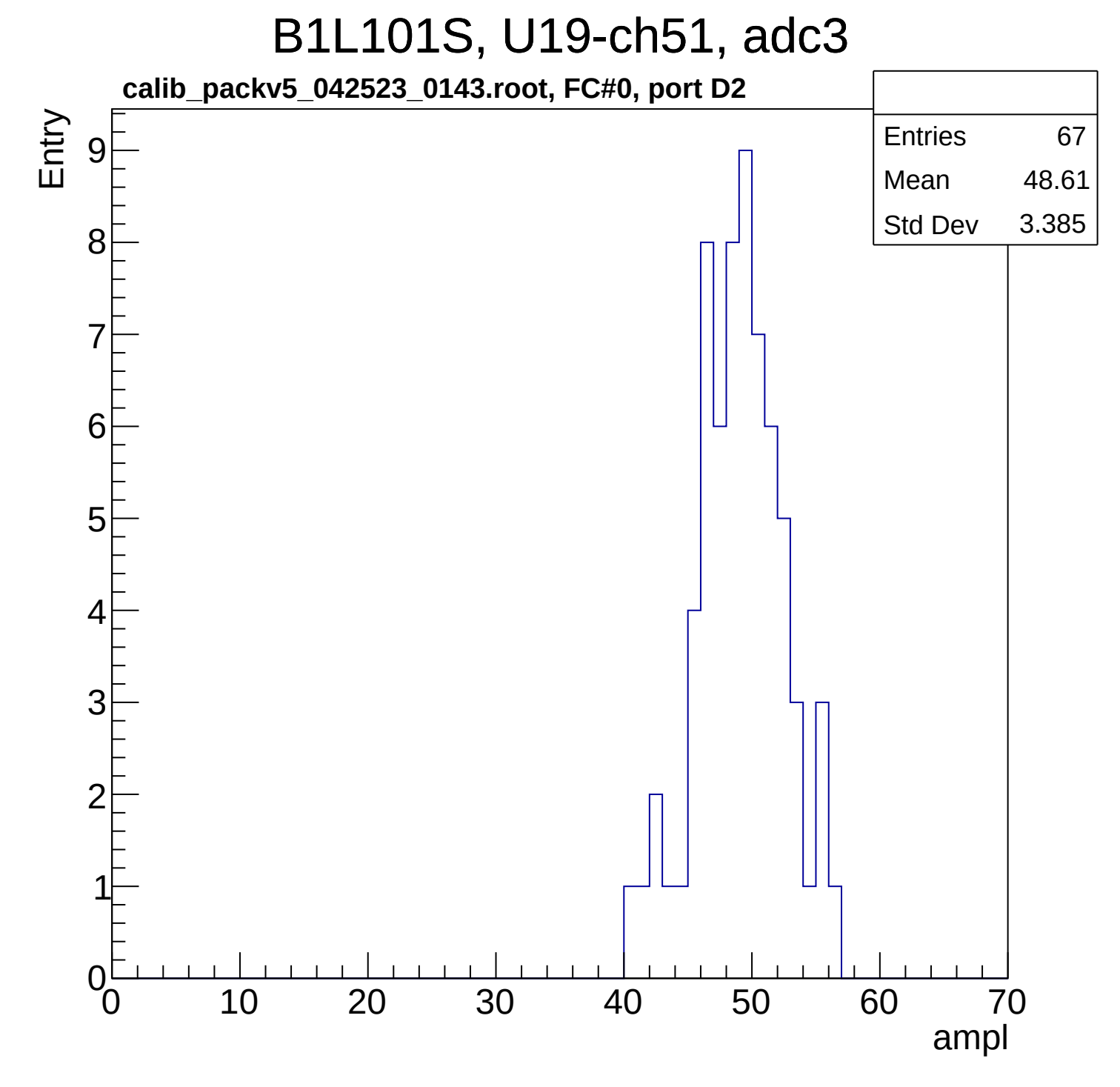
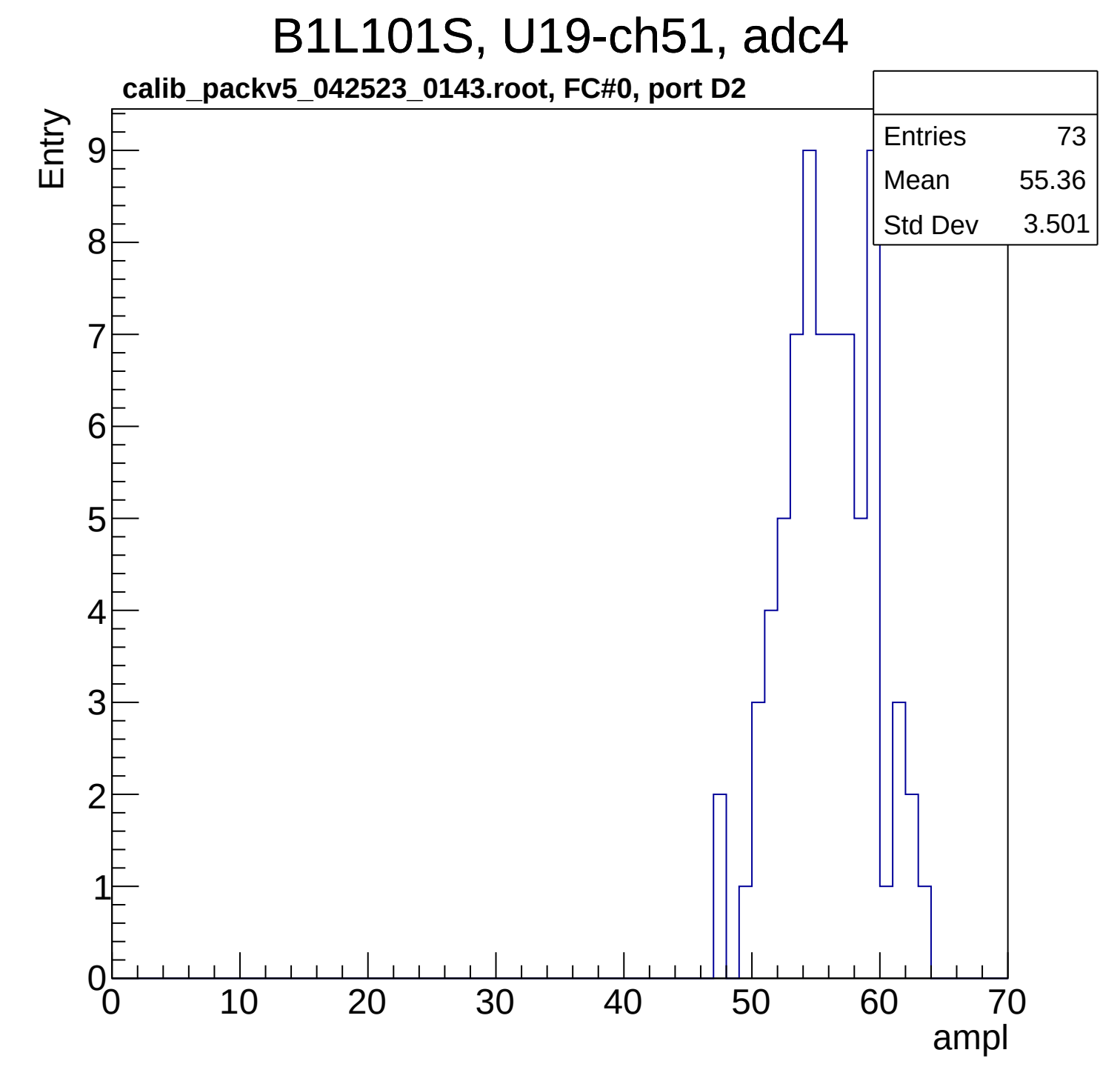

B1L101S, U19-ch51, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 41.52
Std Dev 3.473
Gaus mean : 42.3963
Gaus Width: 3.8945
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch51, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 48.61
Std Dev 3.385
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch51, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 55.36
Std Dev 3.501
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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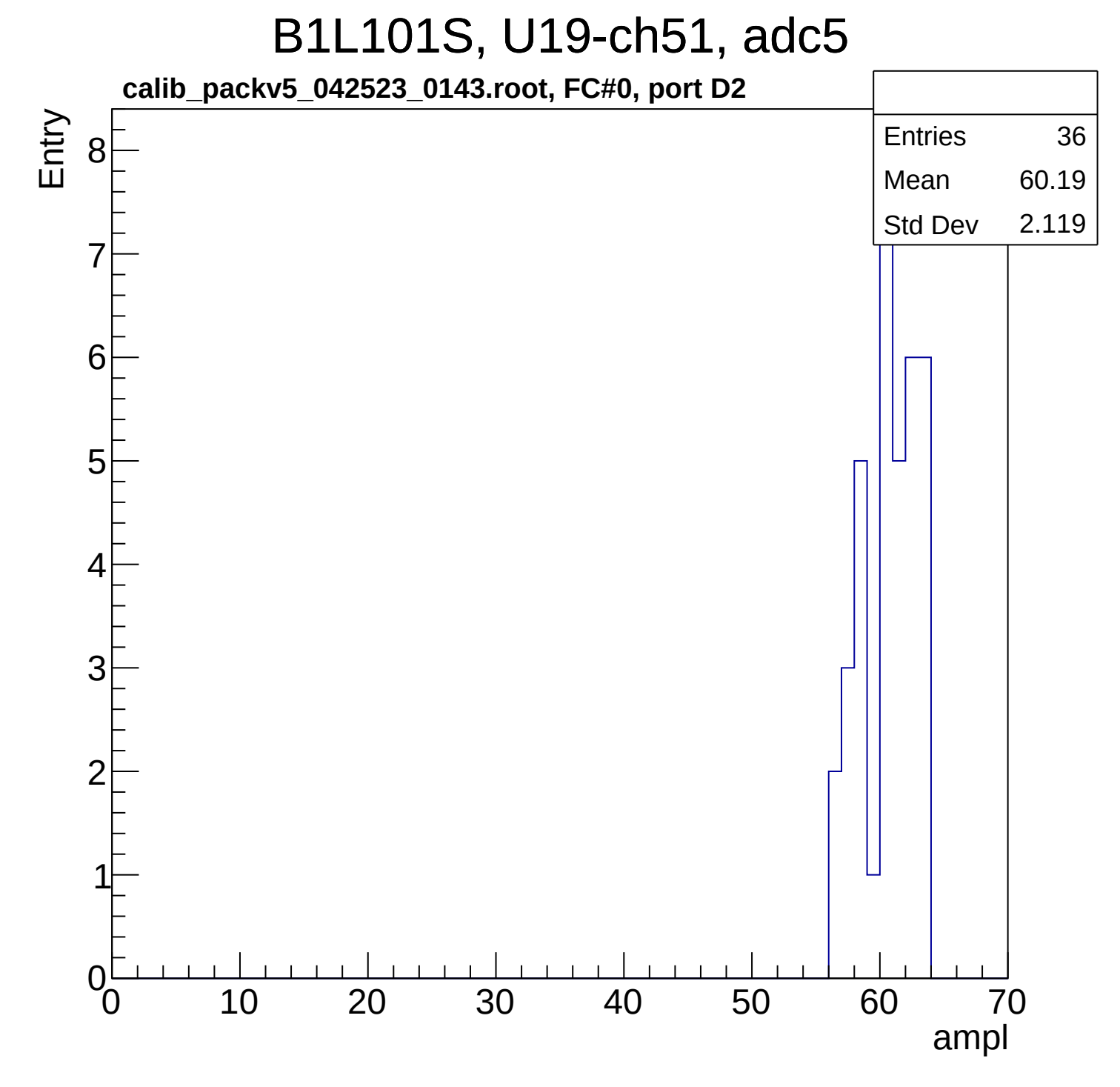
B1L101S, U19-ch51, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 60.19
Std Dev 2.119
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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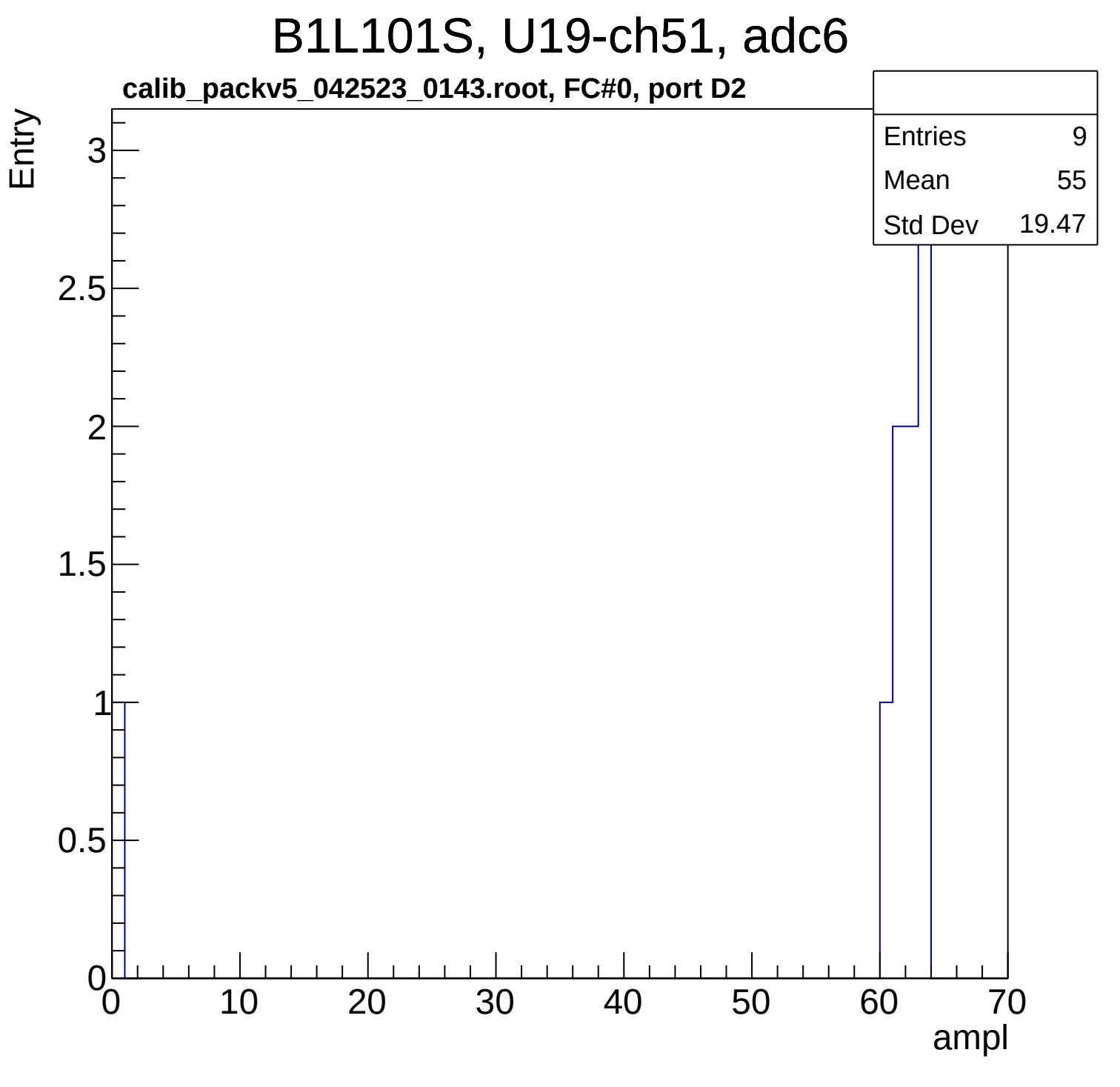
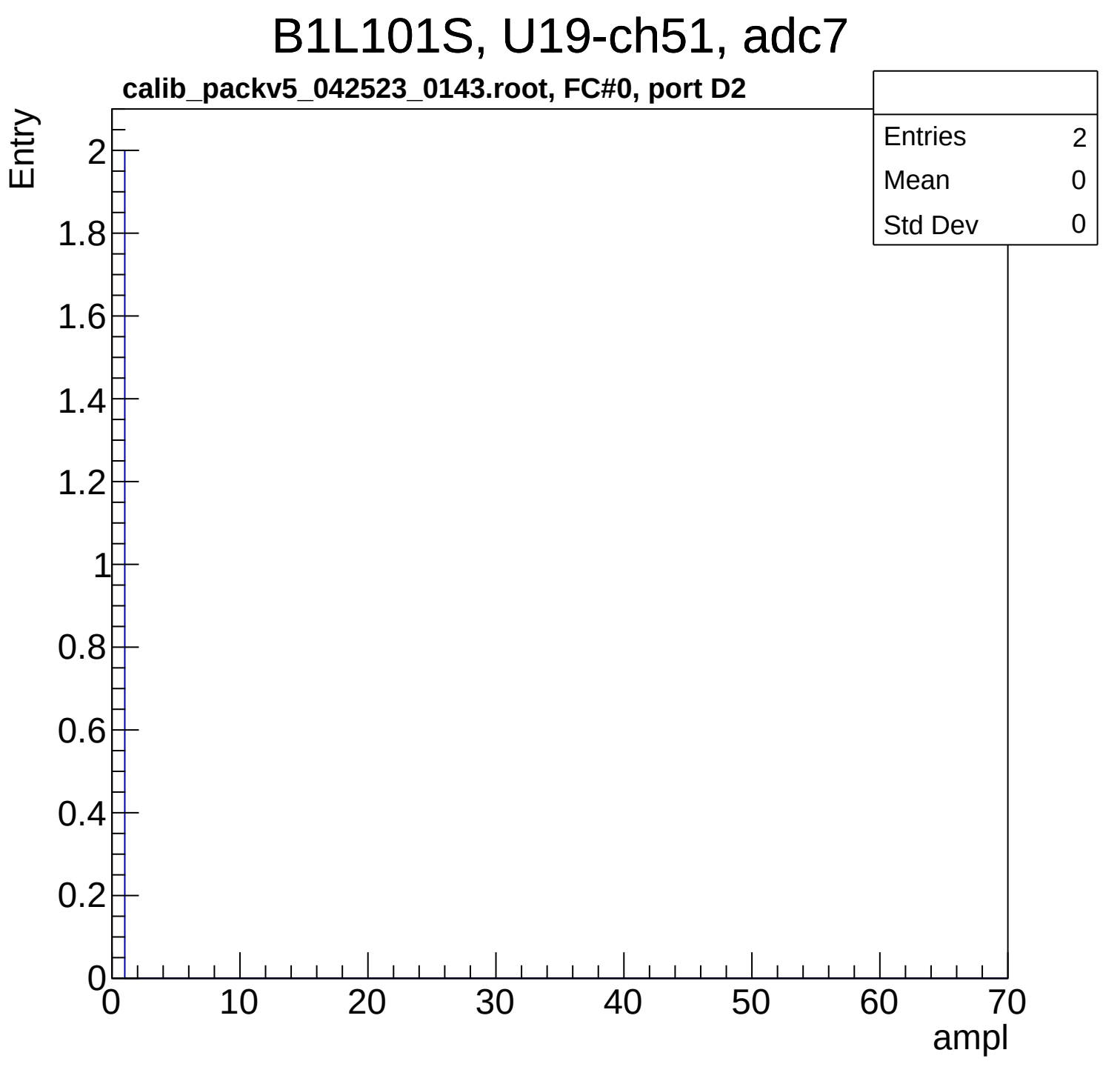
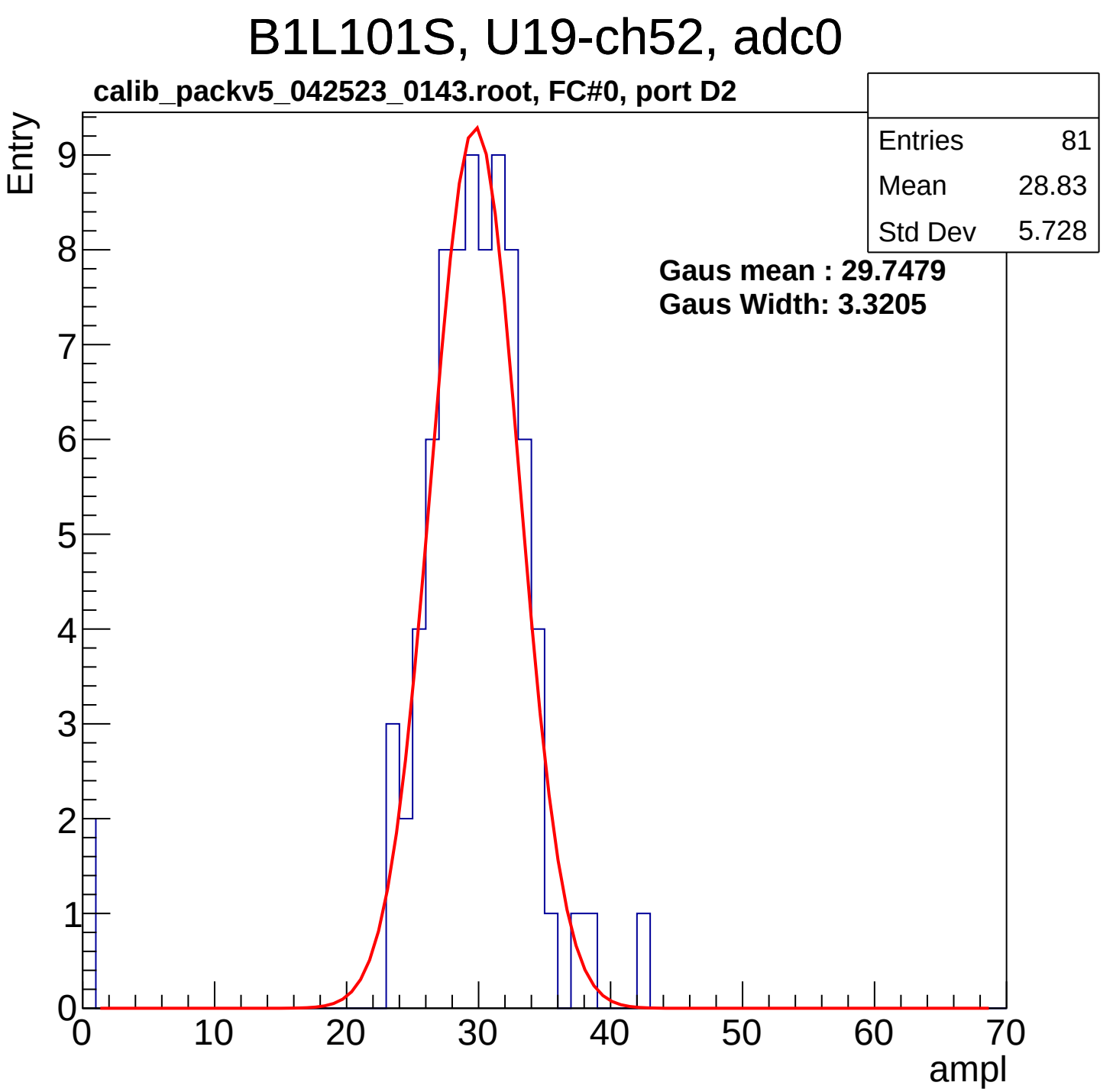
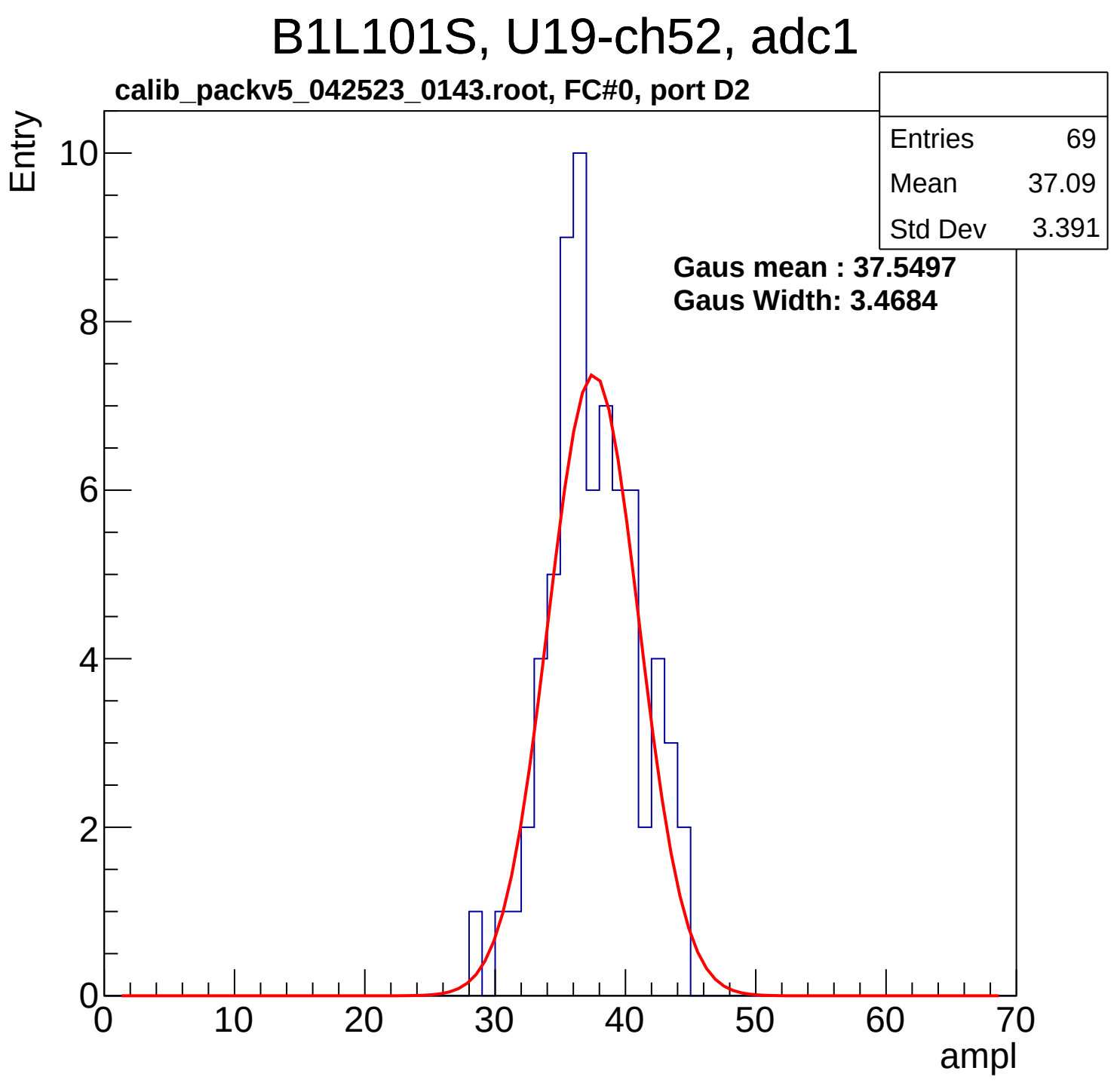

B1L101S, U19-ch51, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 55
Std Dev 19.47
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch51, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch52, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 28.83
Std Dev 5.728
Gaus mean : 29.7479
Gaus Width: 3.3205
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch52, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 37.09
Std Dev 3.391
Gaus mean : 37.5497
Gaus Width: 3.4684
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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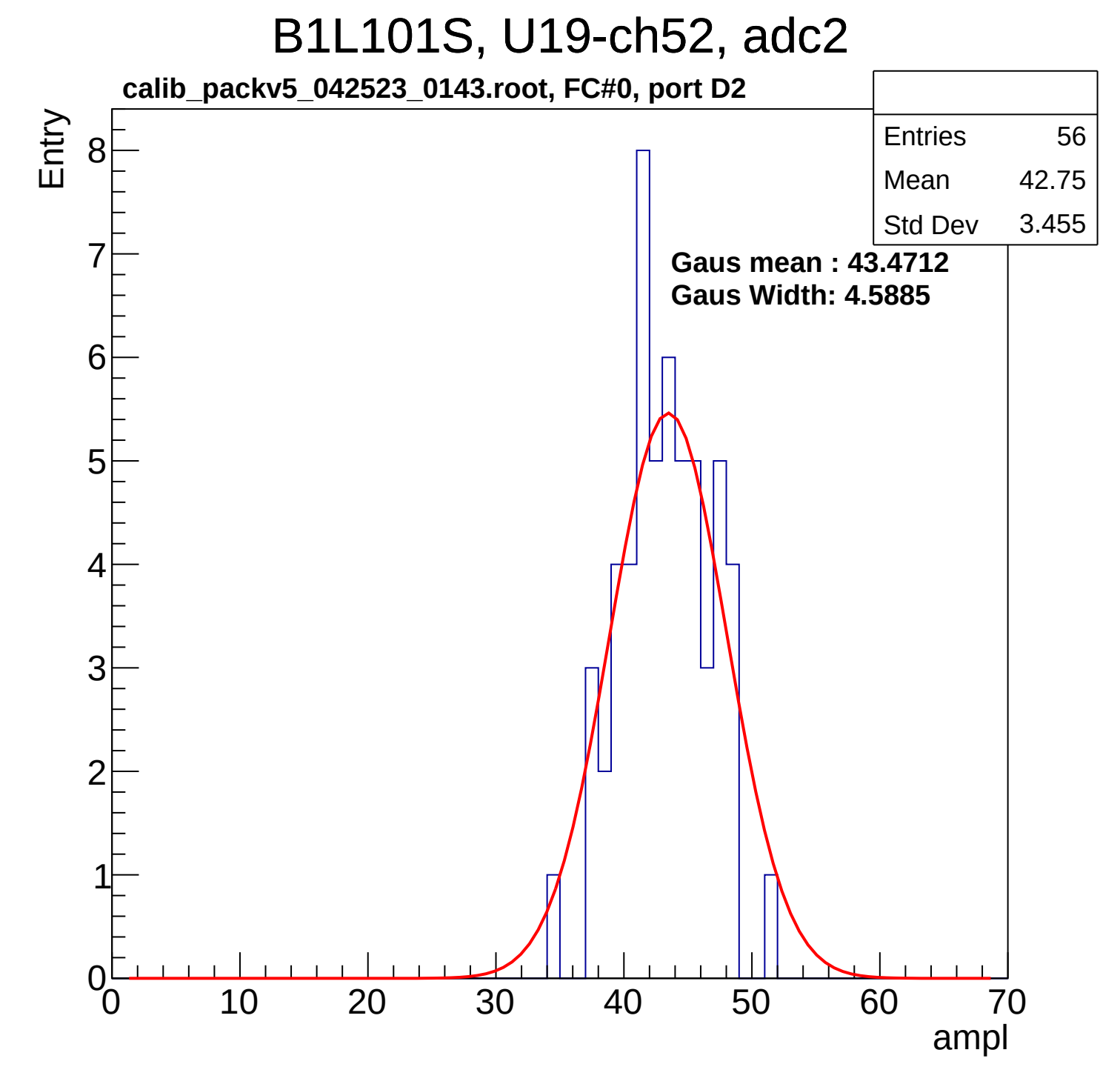
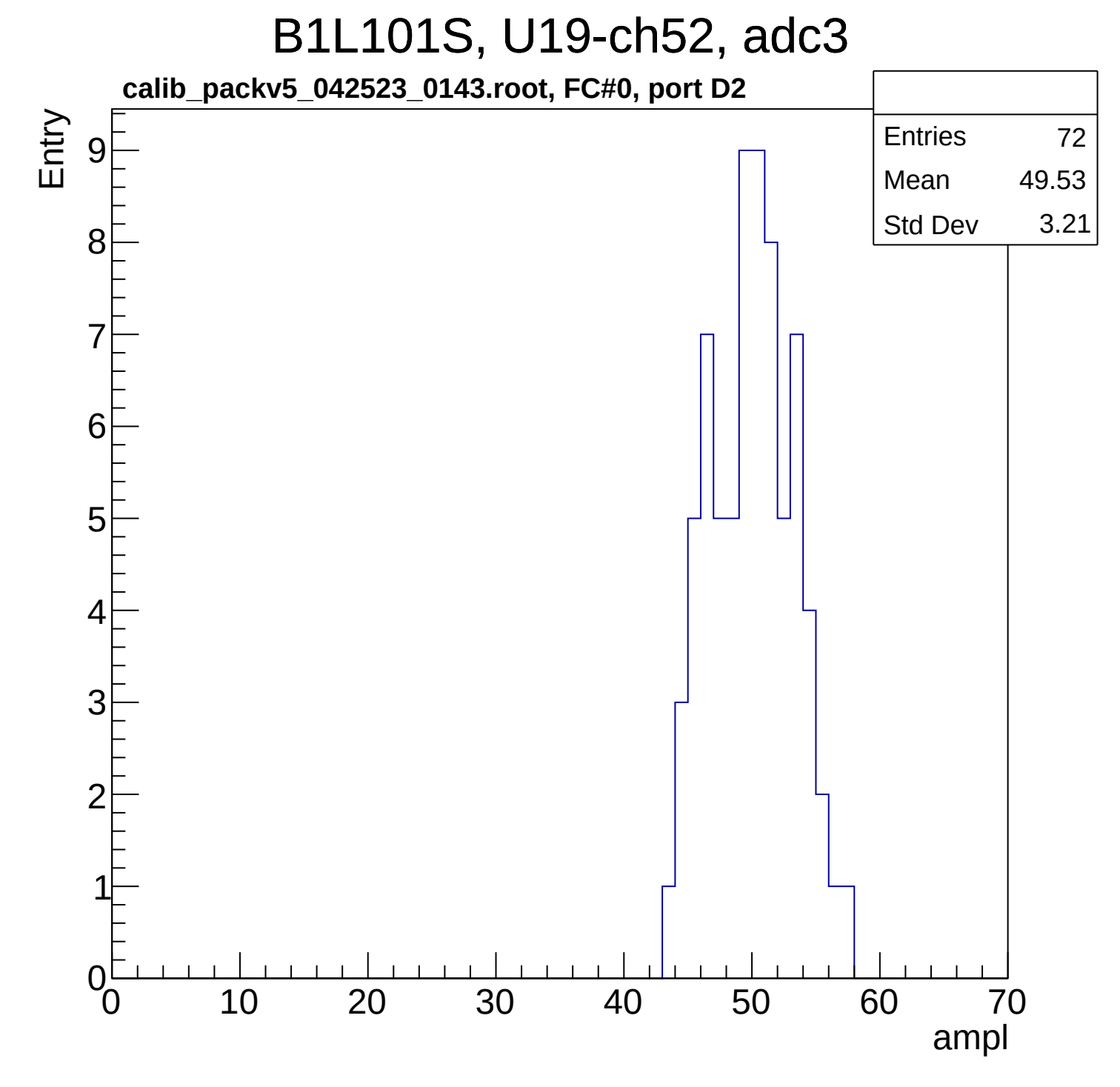

B1L101S, U19-ch52, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 42.75
Std Dev 3.455
Gaus mean : 43.4712
Gaus Width: 4.5885
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch52, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 49.53
Std Dev 3.21
Entry
ampl
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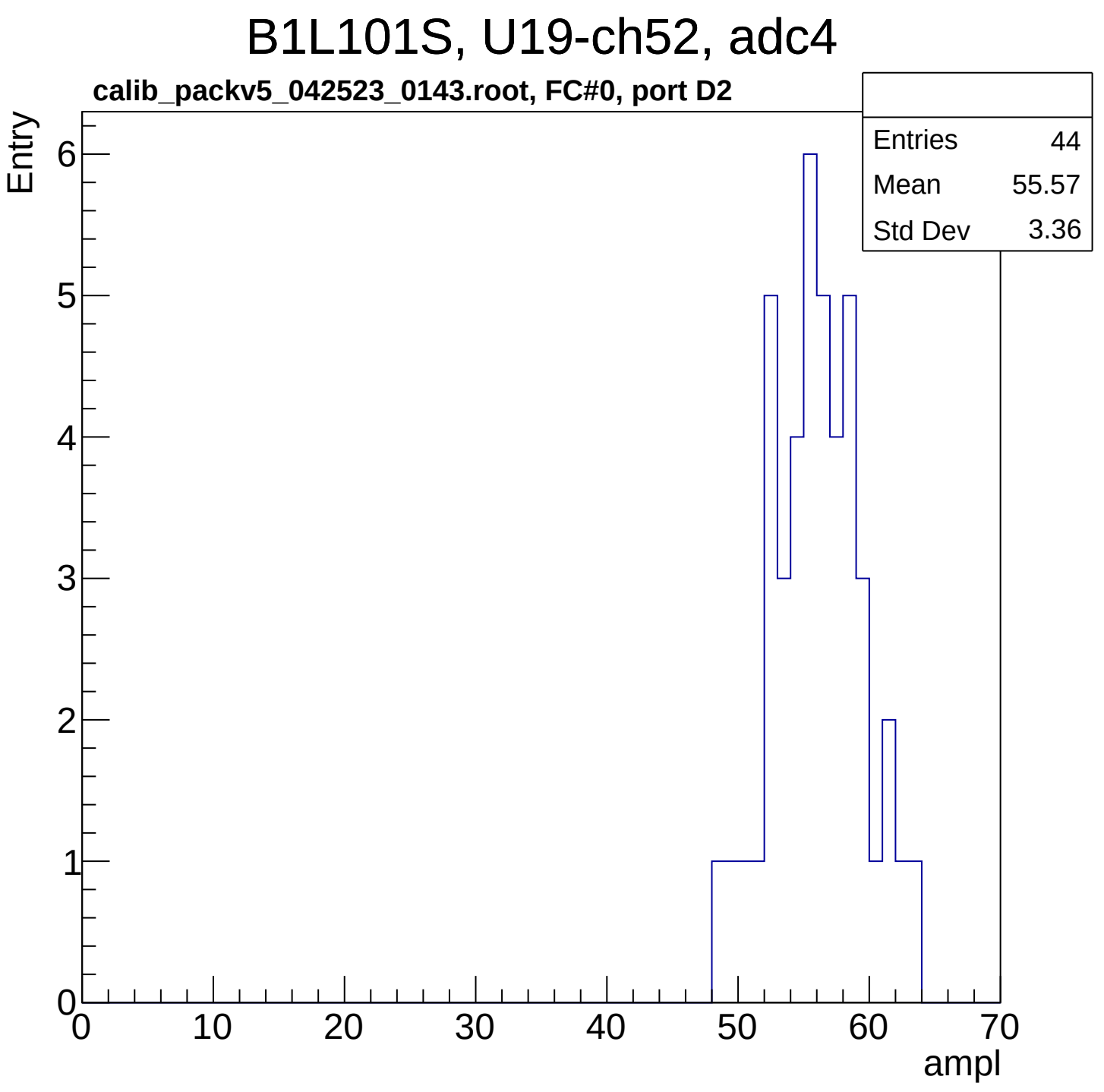
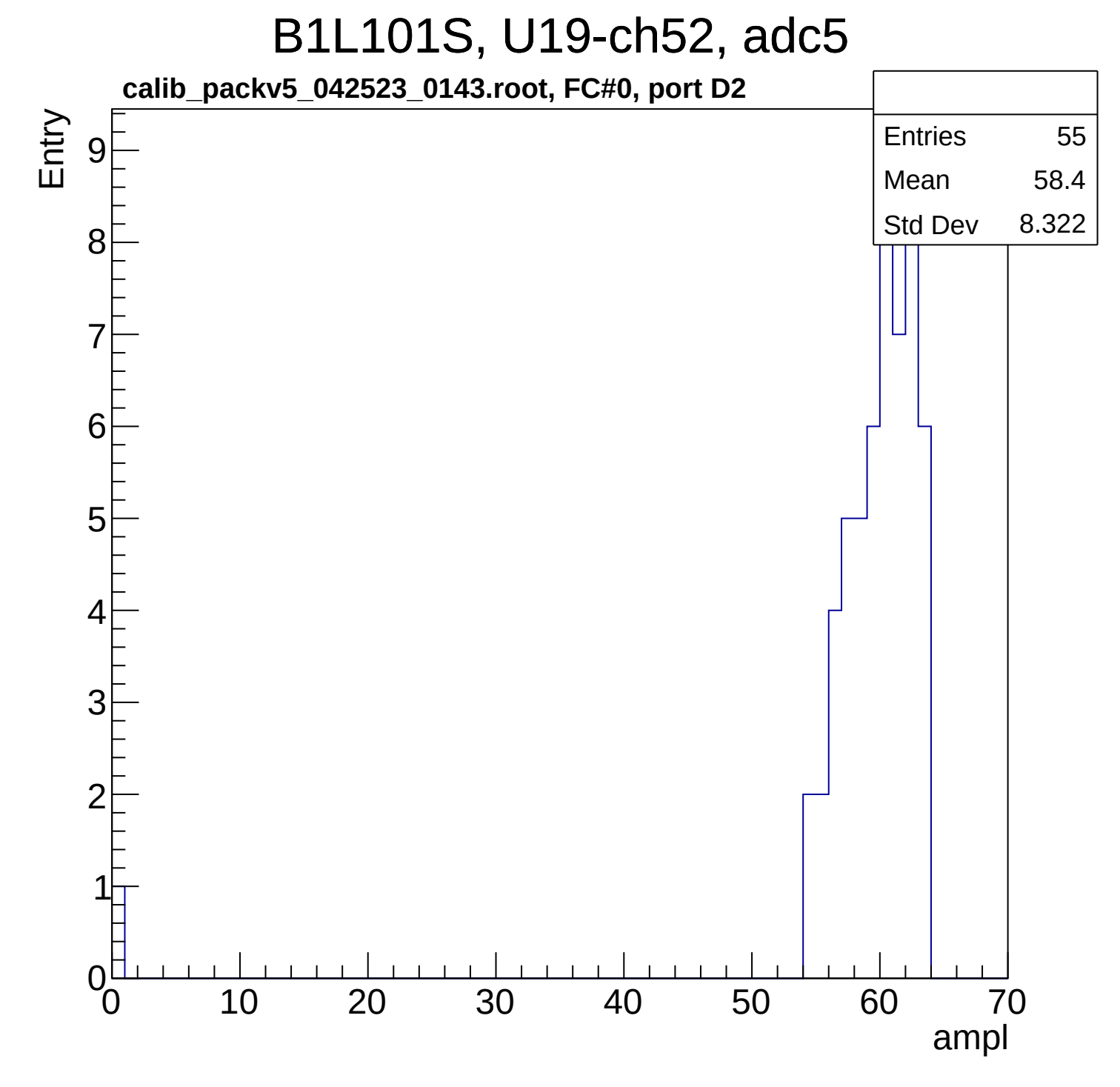
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch52, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 55.57
Std Dev 3.36
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch52, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 58.4
Std Dev 8.322
Entry
ampl
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2
3
4
5
6
7
8
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0
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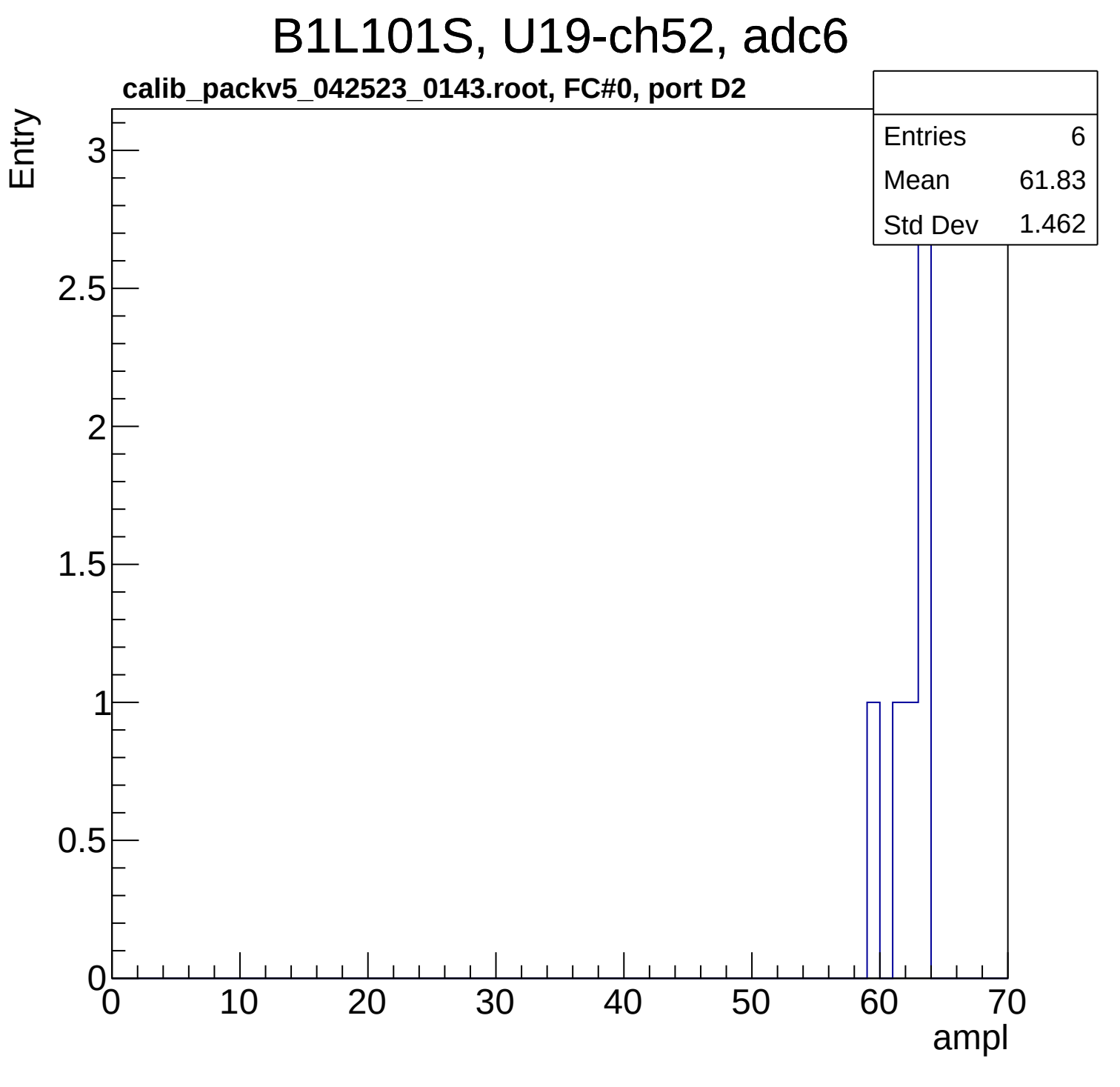
50
60
70


B1L101S, U19-ch52, adc6
calib_packv5_042523_0143.root, FC#0, 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
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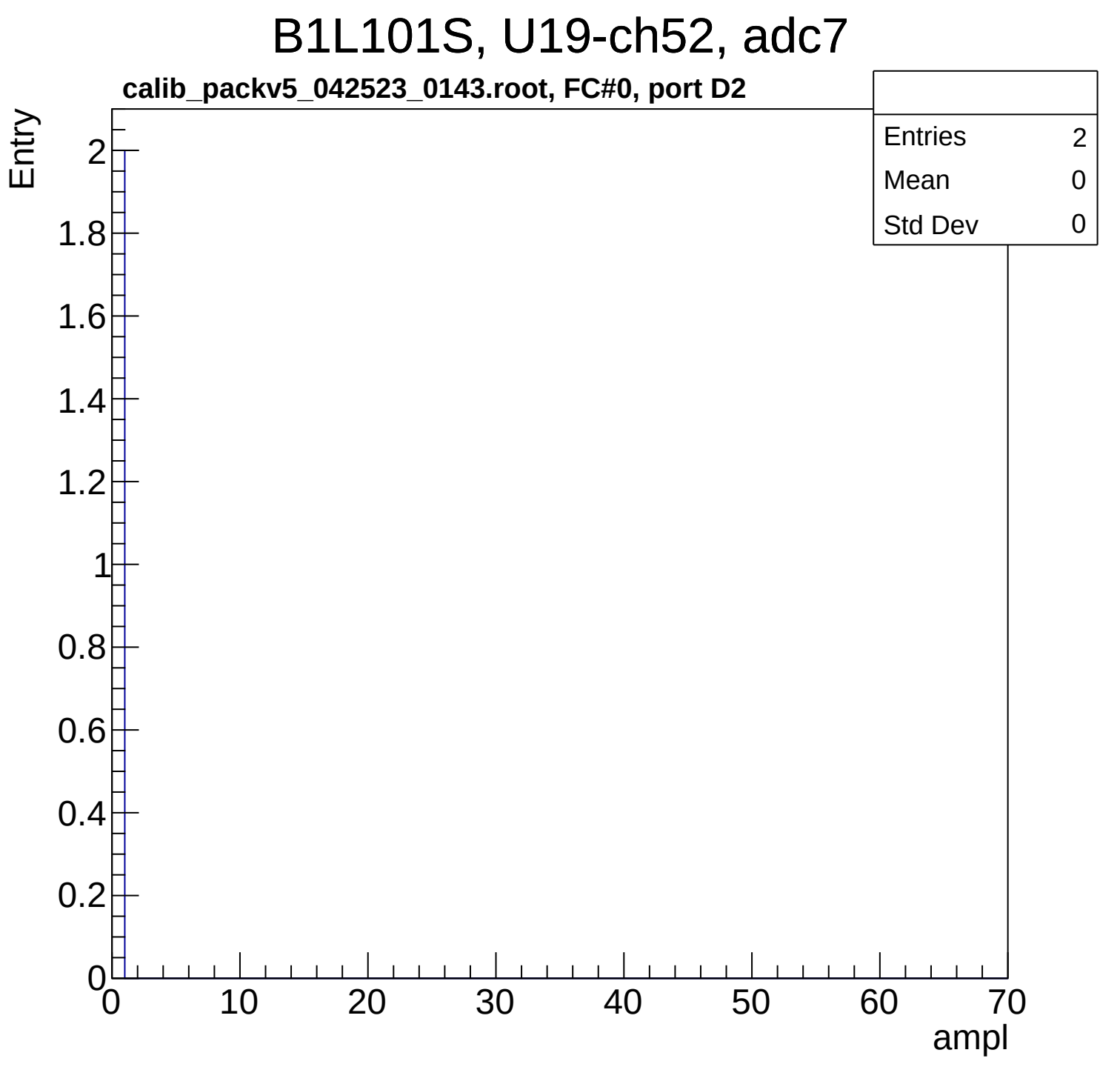
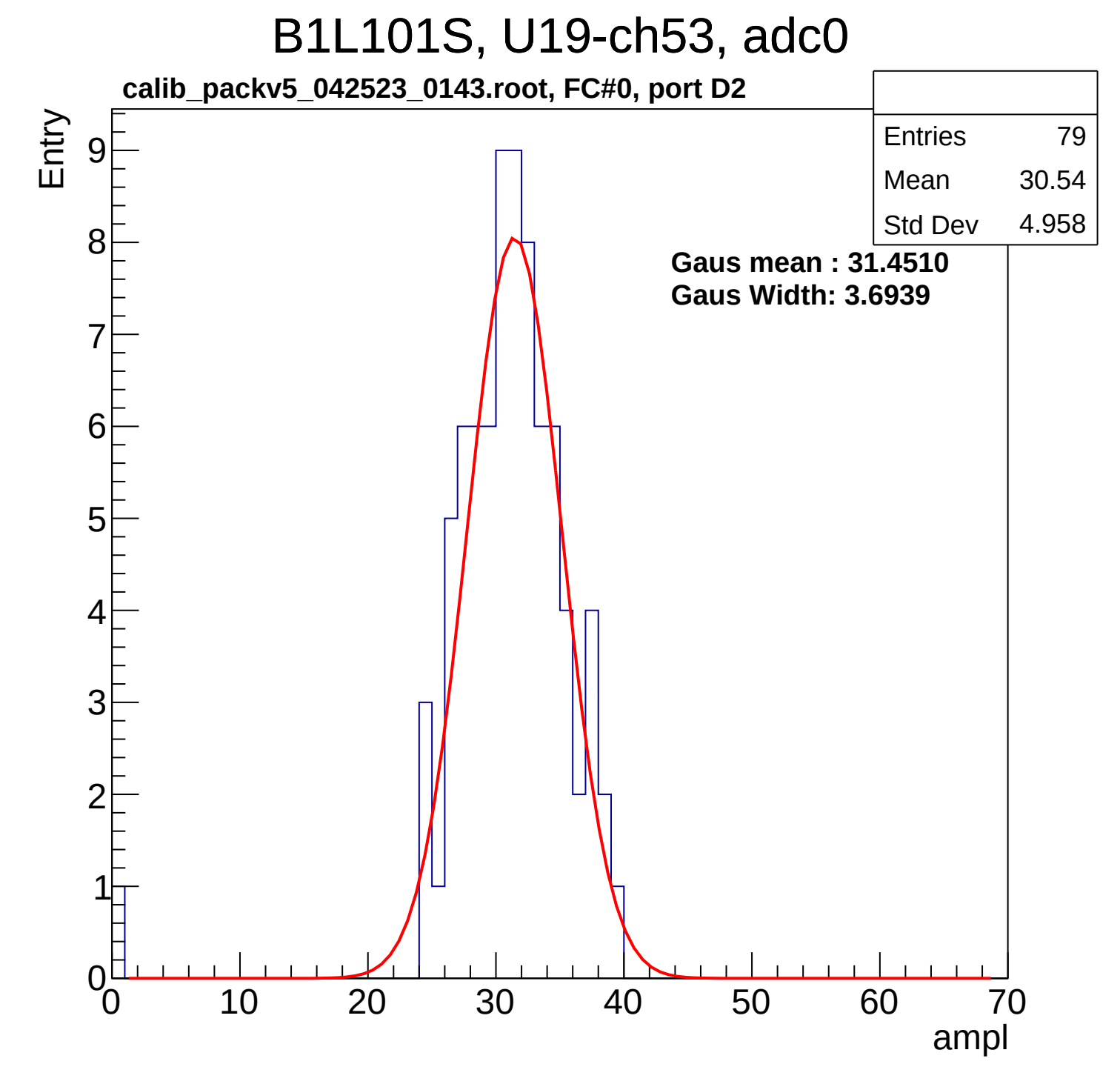
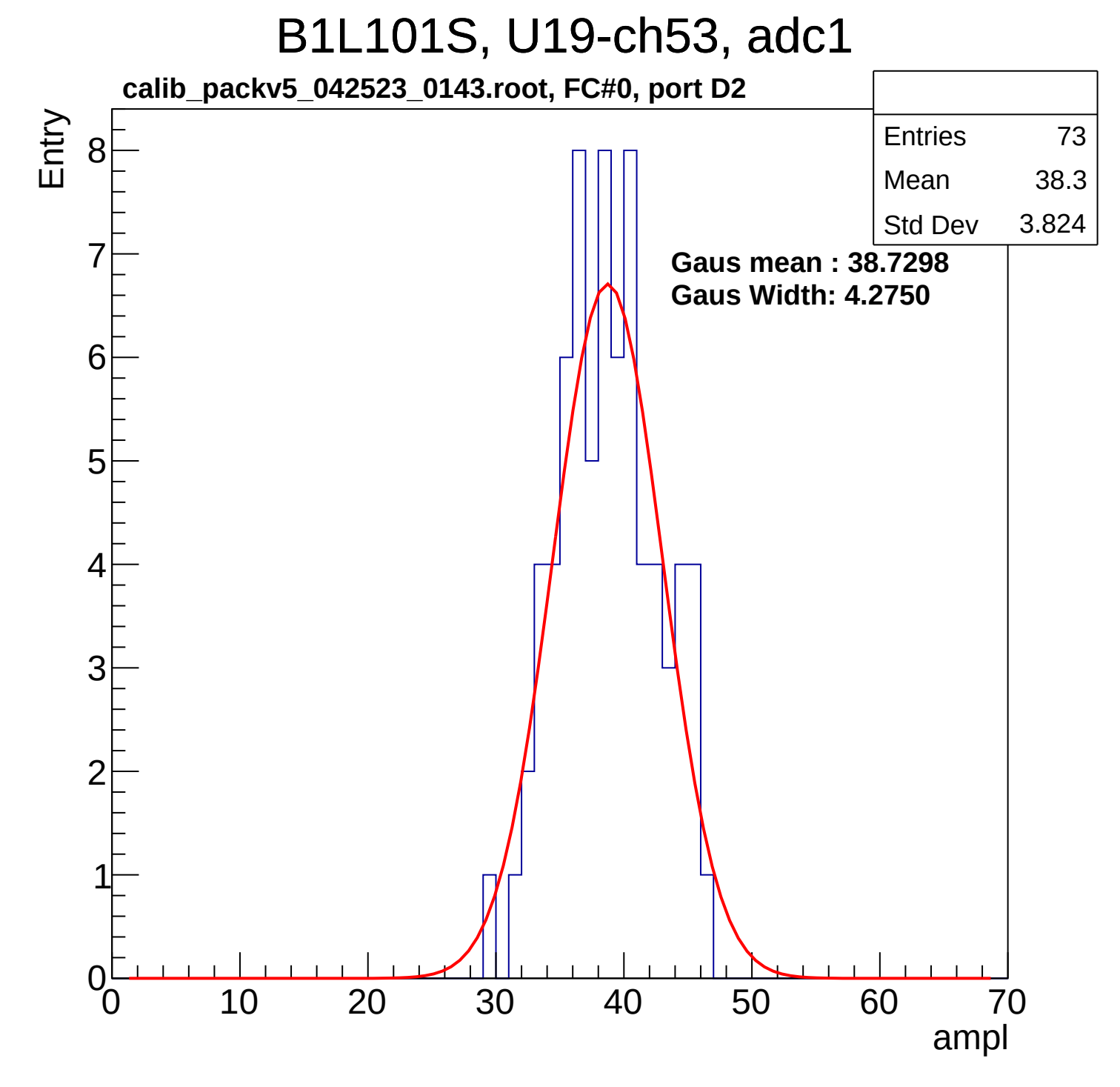
40
50
60
70


B1L101S, U19-ch52, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch53, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 30.54
Std Dev 4.958
Gaus mean : 31.4510
Gaus Width: 3.6939
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch53, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 38.3
Std Dev 3.824
Gaus mean : 38.7298
Gaus Width: 4.2750
Entry
ampl
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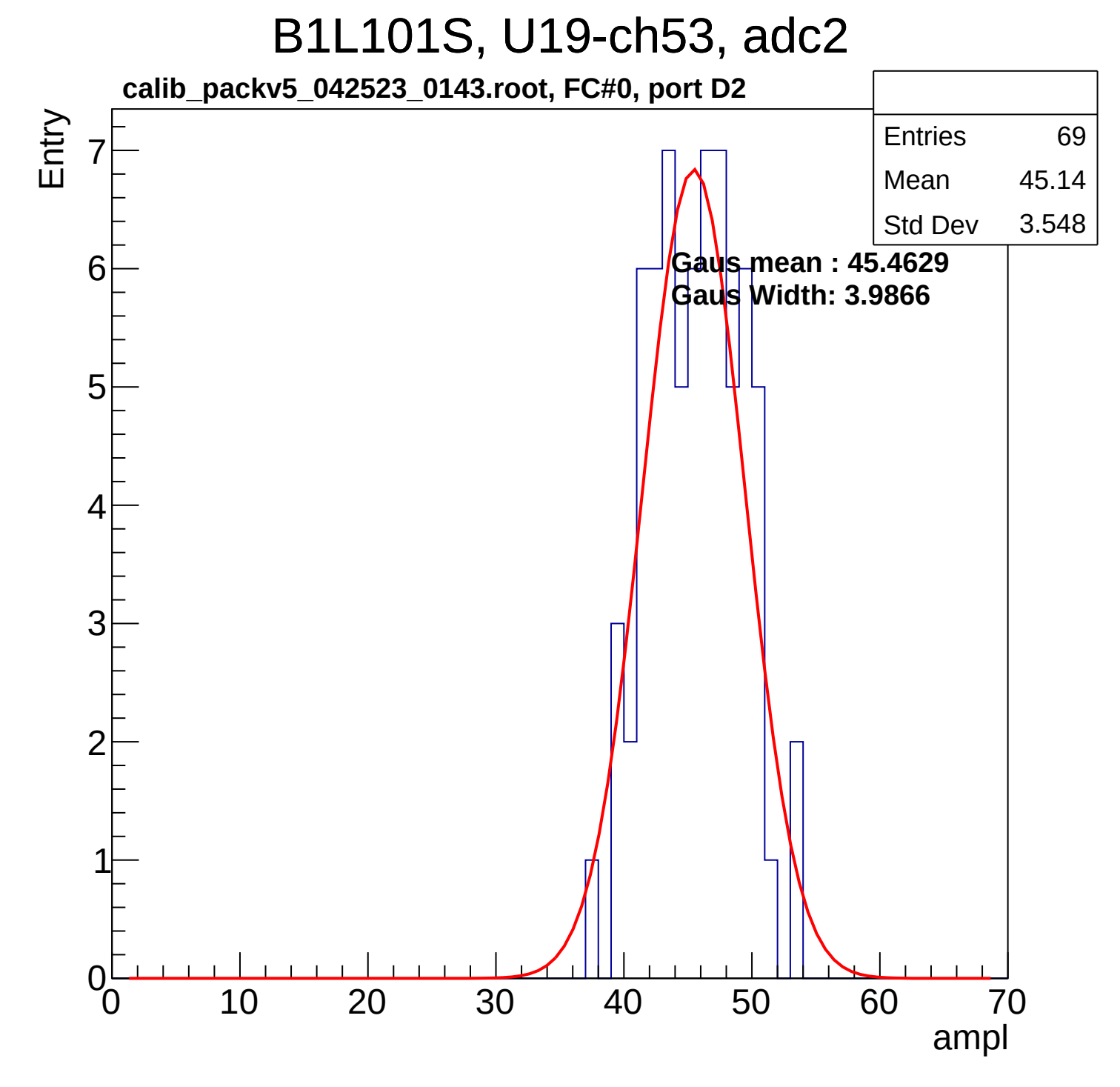
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch53, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 45.14
Std Dev 3.548
Gaus mean : 45.4629
Gaus Width: 3.9866
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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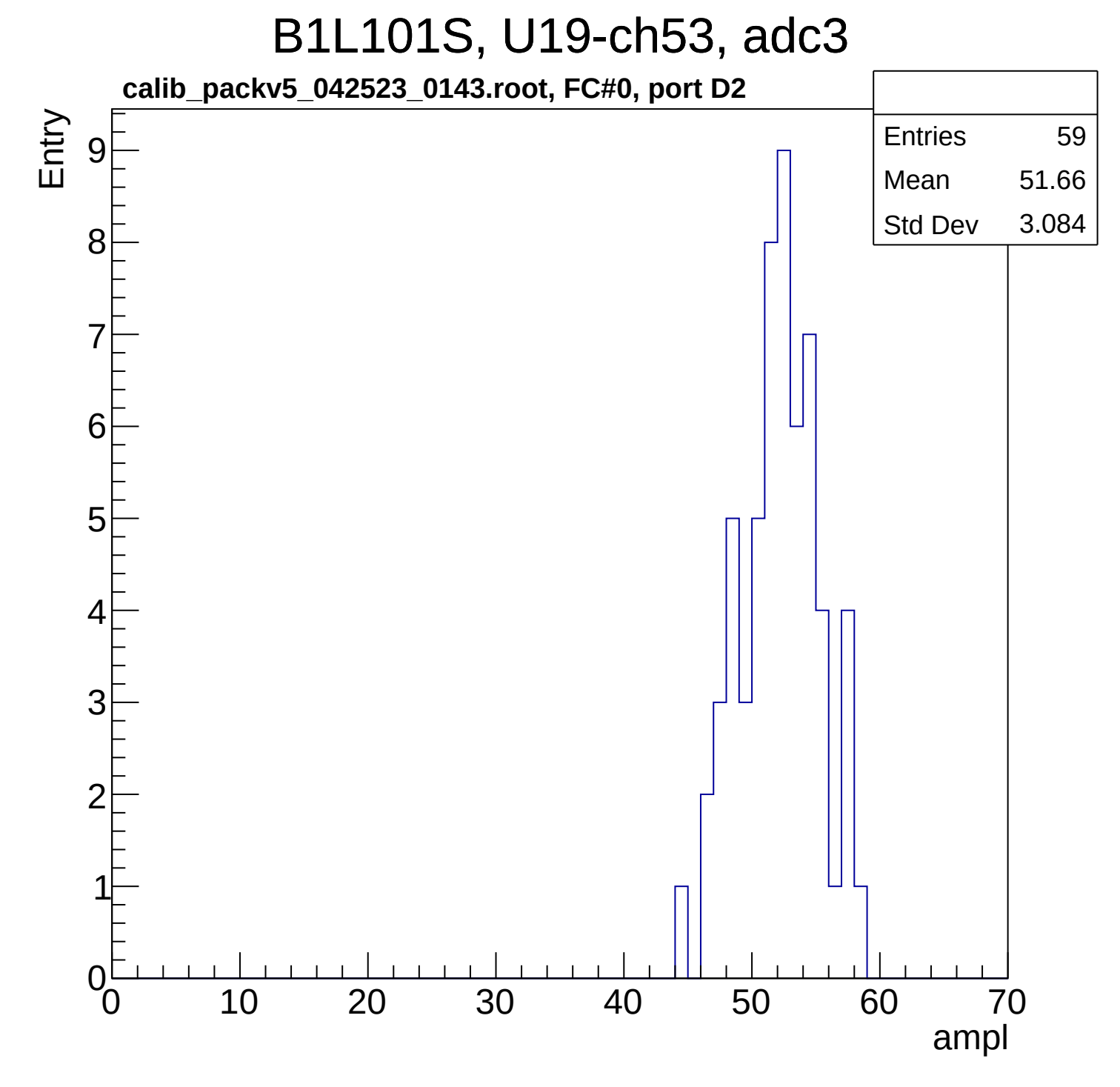
40
50
60
70


B1L101S, U19-ch53, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 51.66
Std Dev 3.084
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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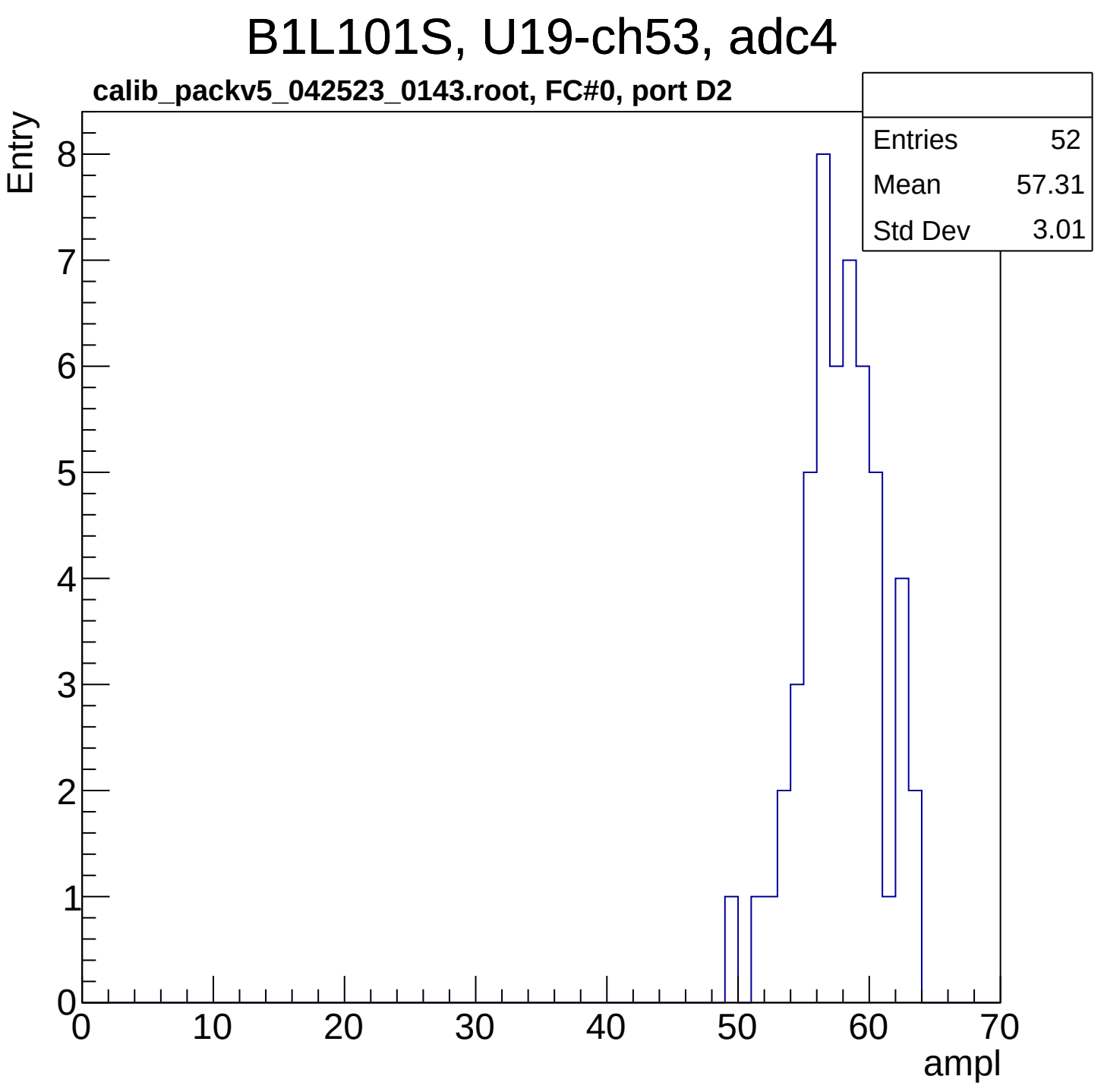
B1L101S, U19-ch53, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 57.31
Std Dev 3.01
Entry
ampl
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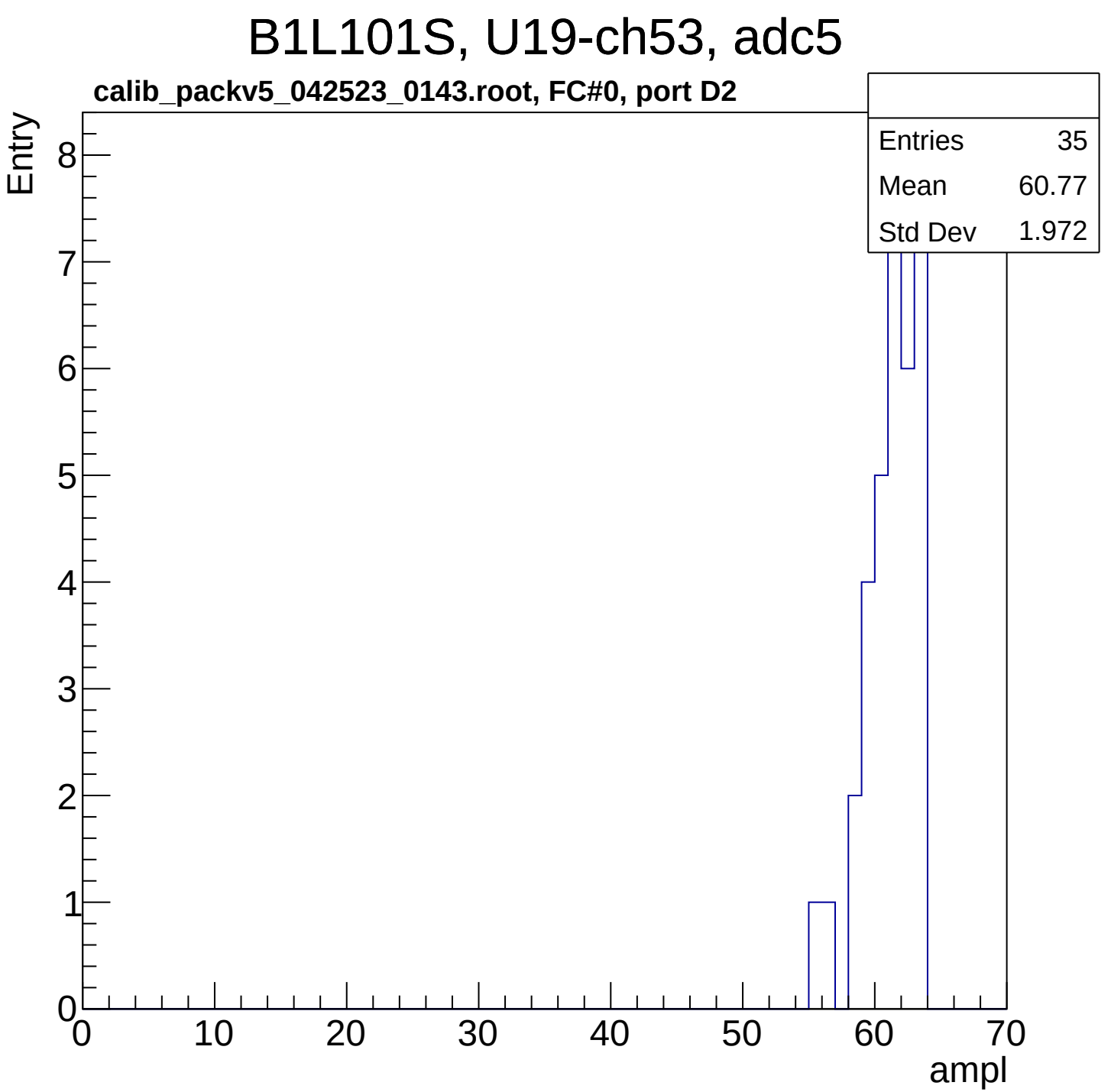
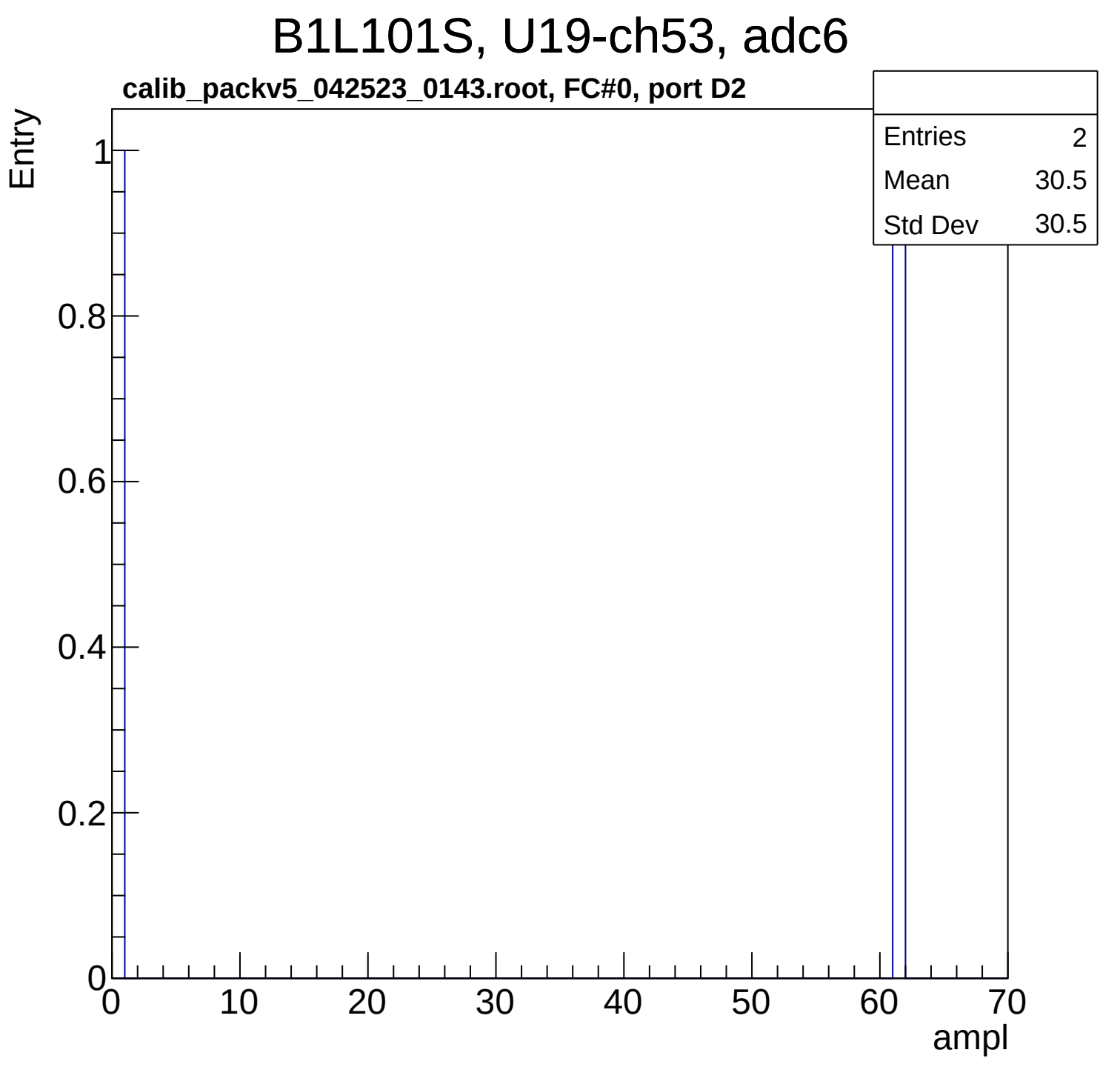
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch53, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 60.77
Std Dev 1.972
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch53, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 30.5
Std Dev 30.5
Entry
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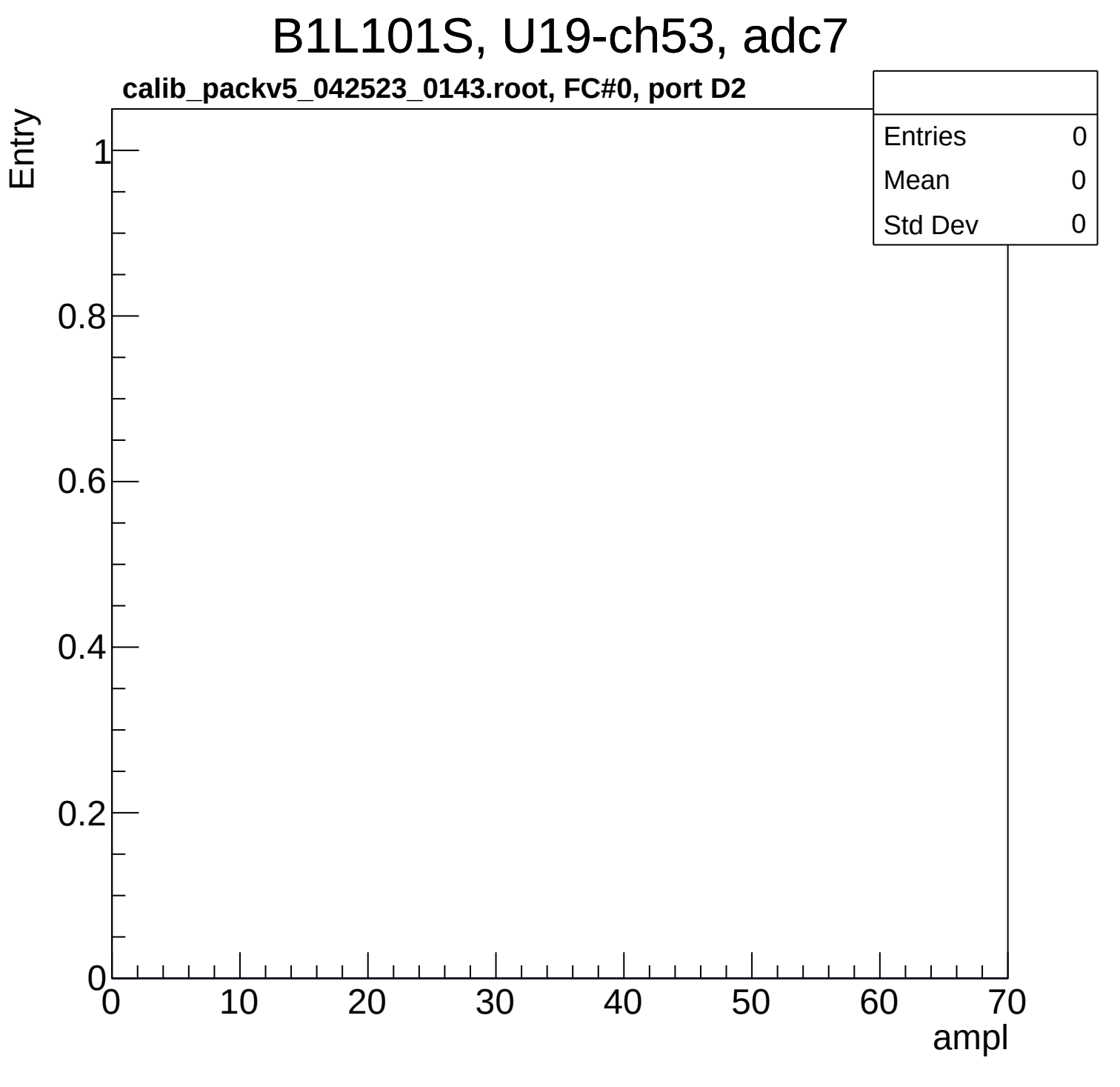
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch53, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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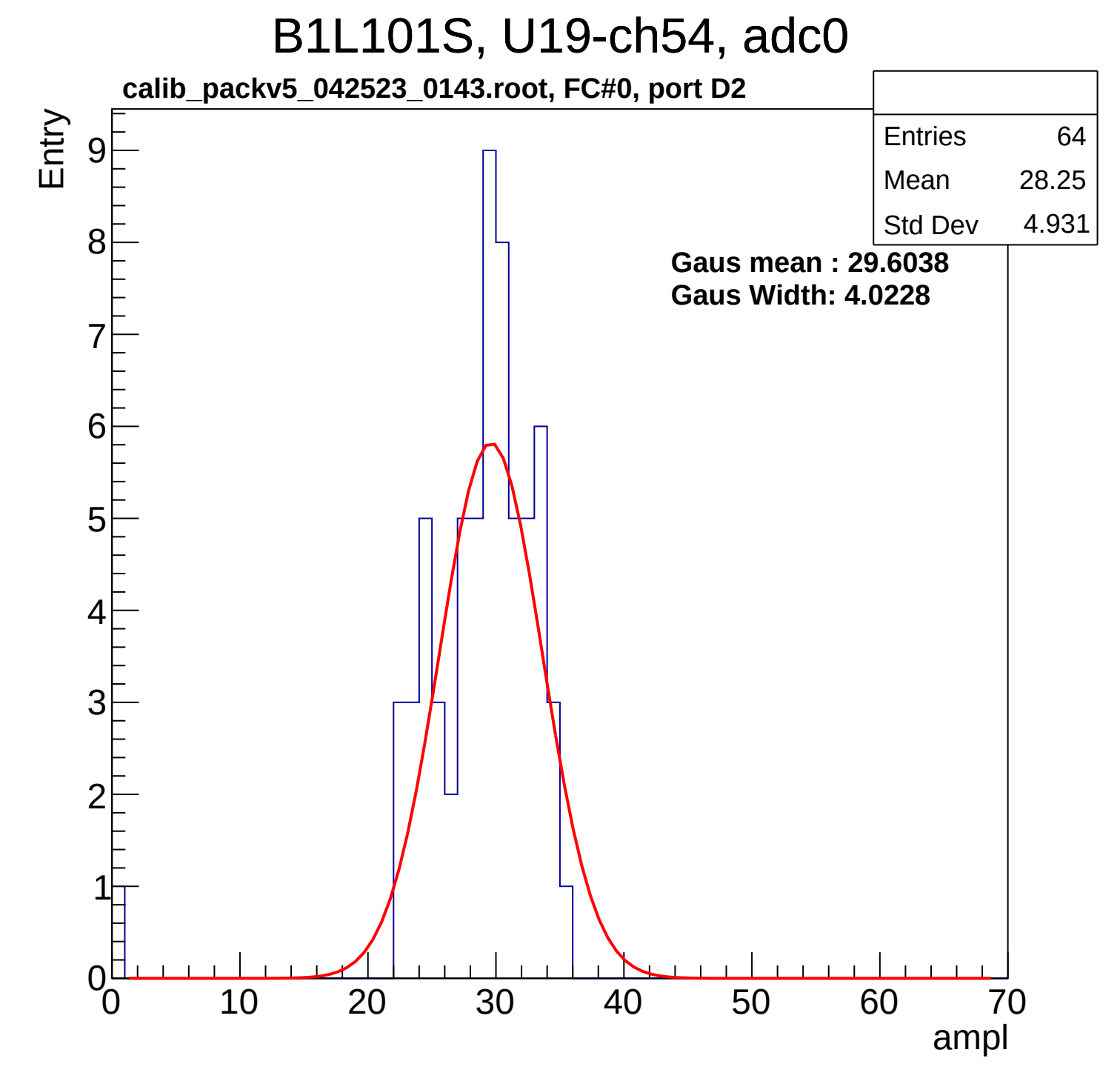
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch54, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 28.25
Std Dev 4.931
Gaus mean : 29.6038
Gaus Width: 4.0228
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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20
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60
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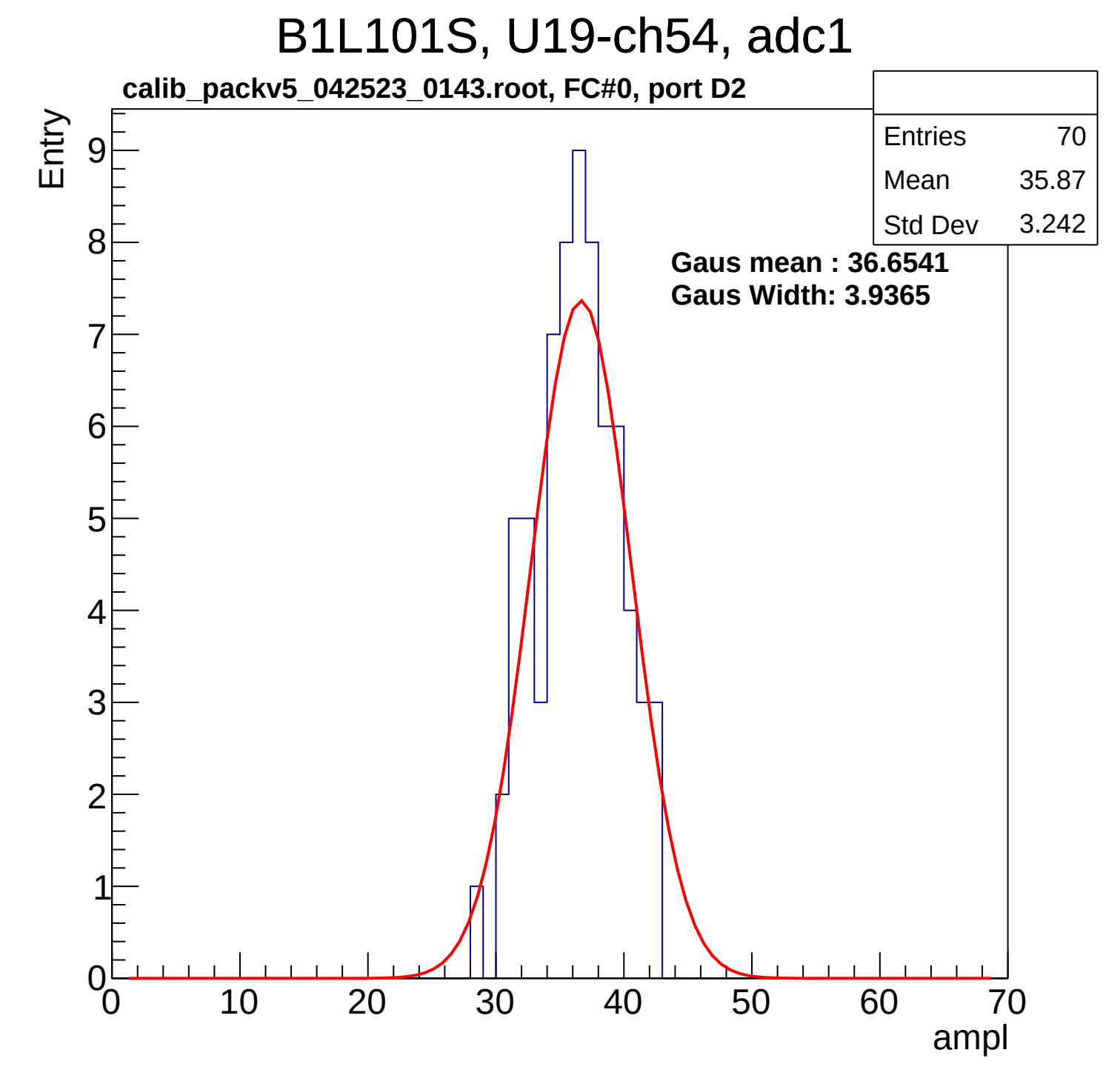
B1L101S, U19-ch54, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 35.87
Std Dev 3.242
Gaus mean : 36.6541
Gaus Width: 3.9365
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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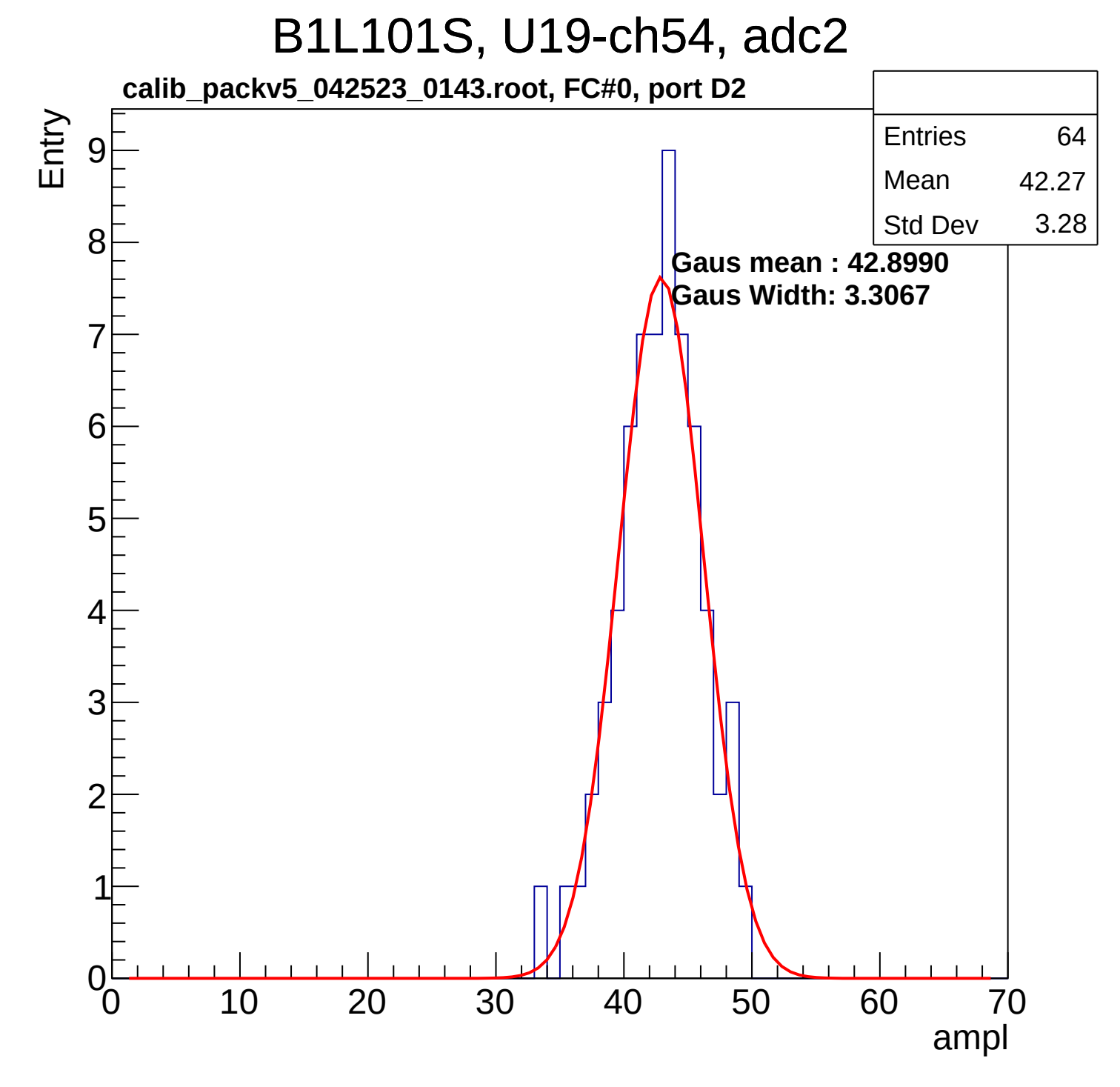
B1L101S, U19-ch54, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 42.27
Std Dev 3.28
Gaus mean : 42.8990
Gaus Width: 3.3067
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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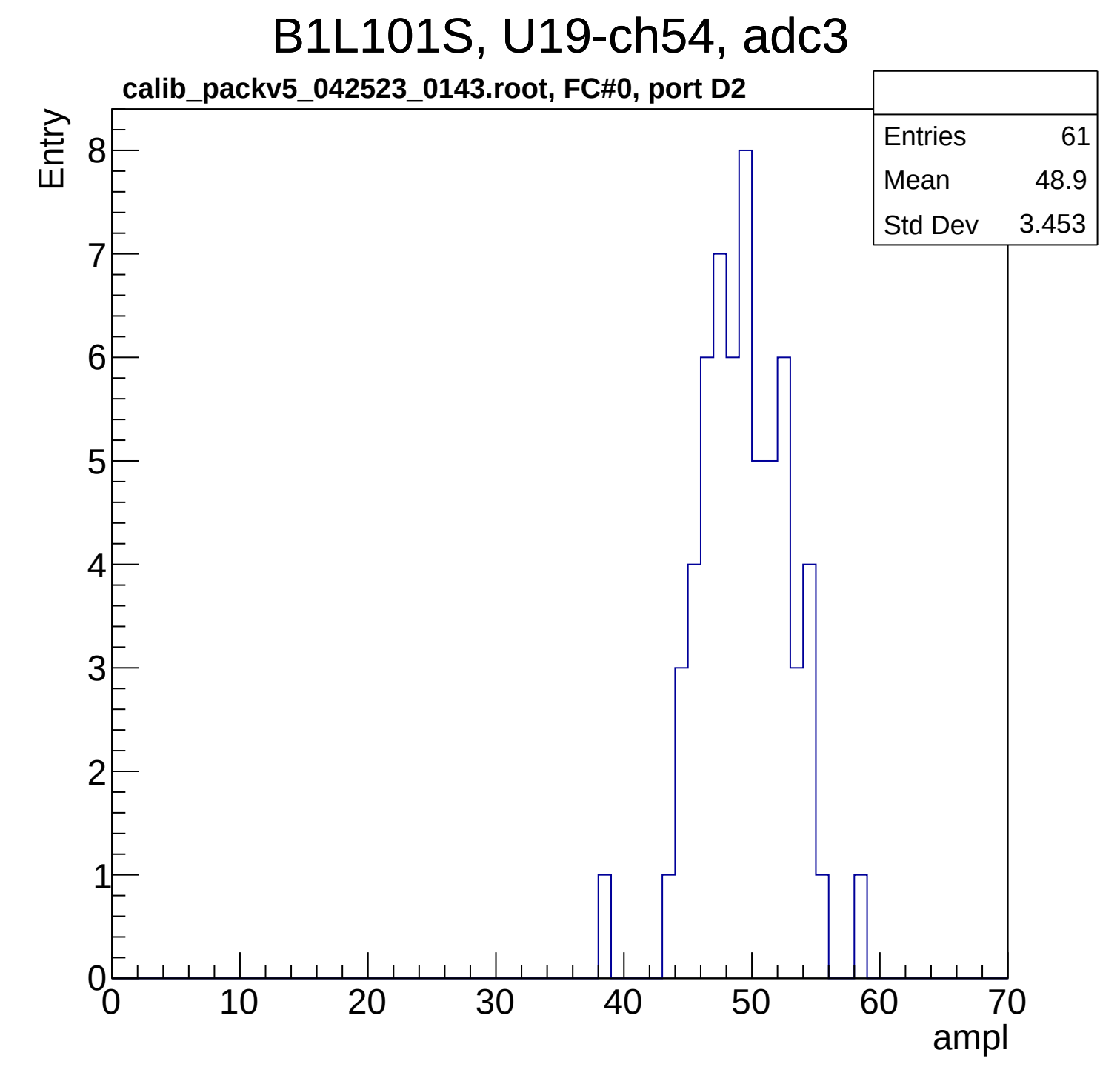
B1L101S, U19-ch54, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 48.9
Std Dev 3.453
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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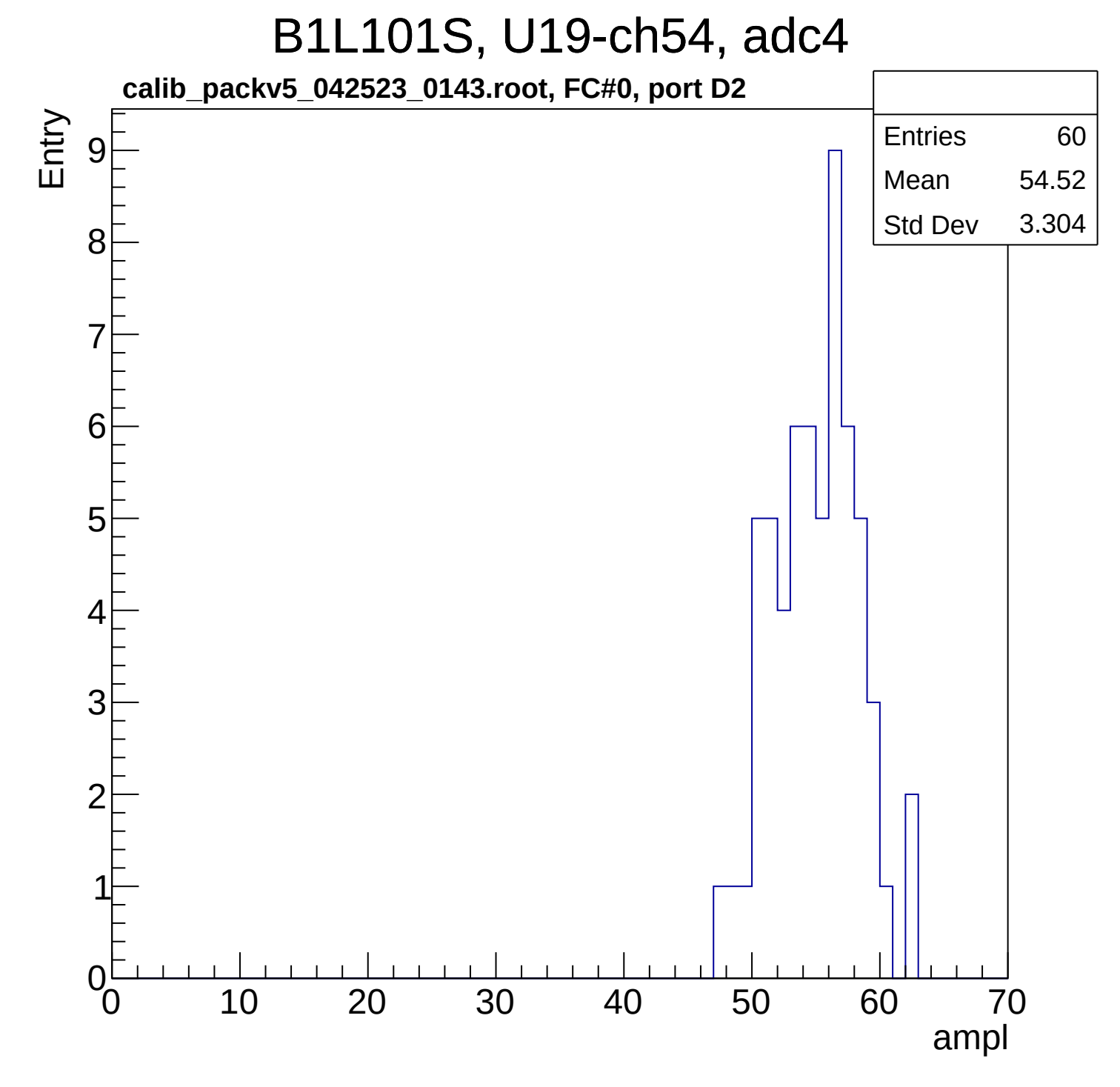
B1L101S, U19-ch54, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 54.52
Std Dev 3.304
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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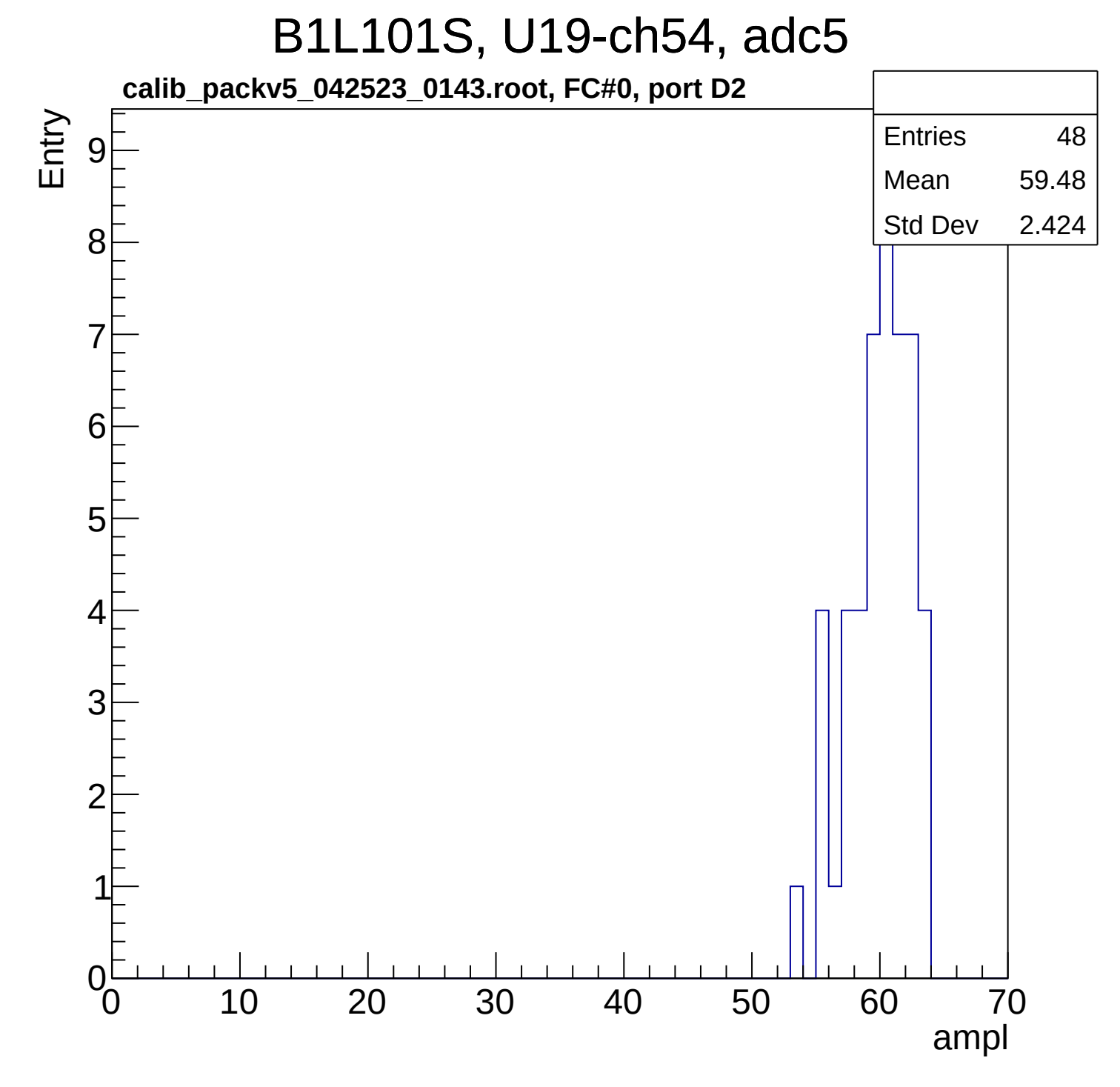
B1L101S, U19-ch54, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 59.48
Std Dev 2.424
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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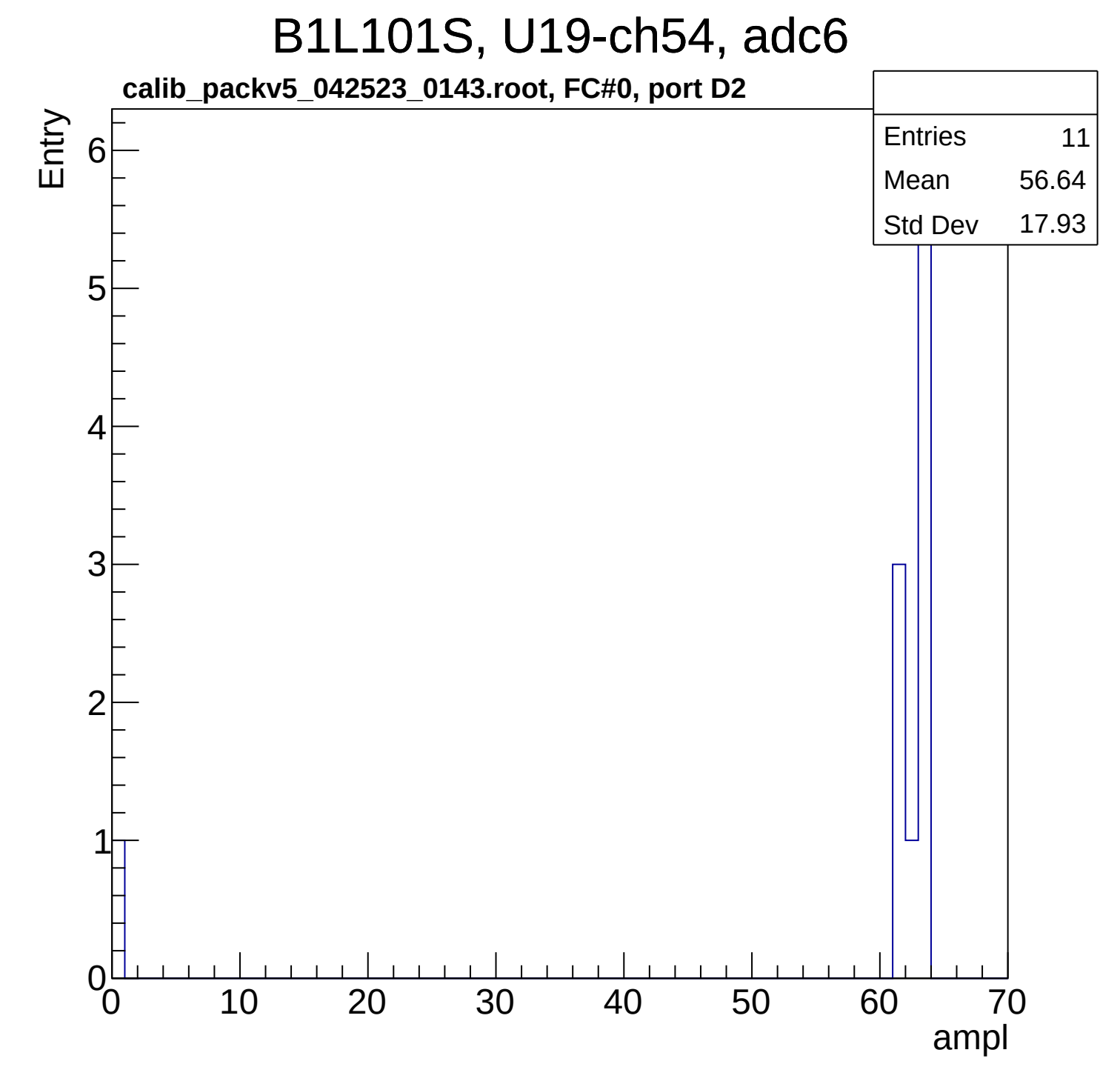
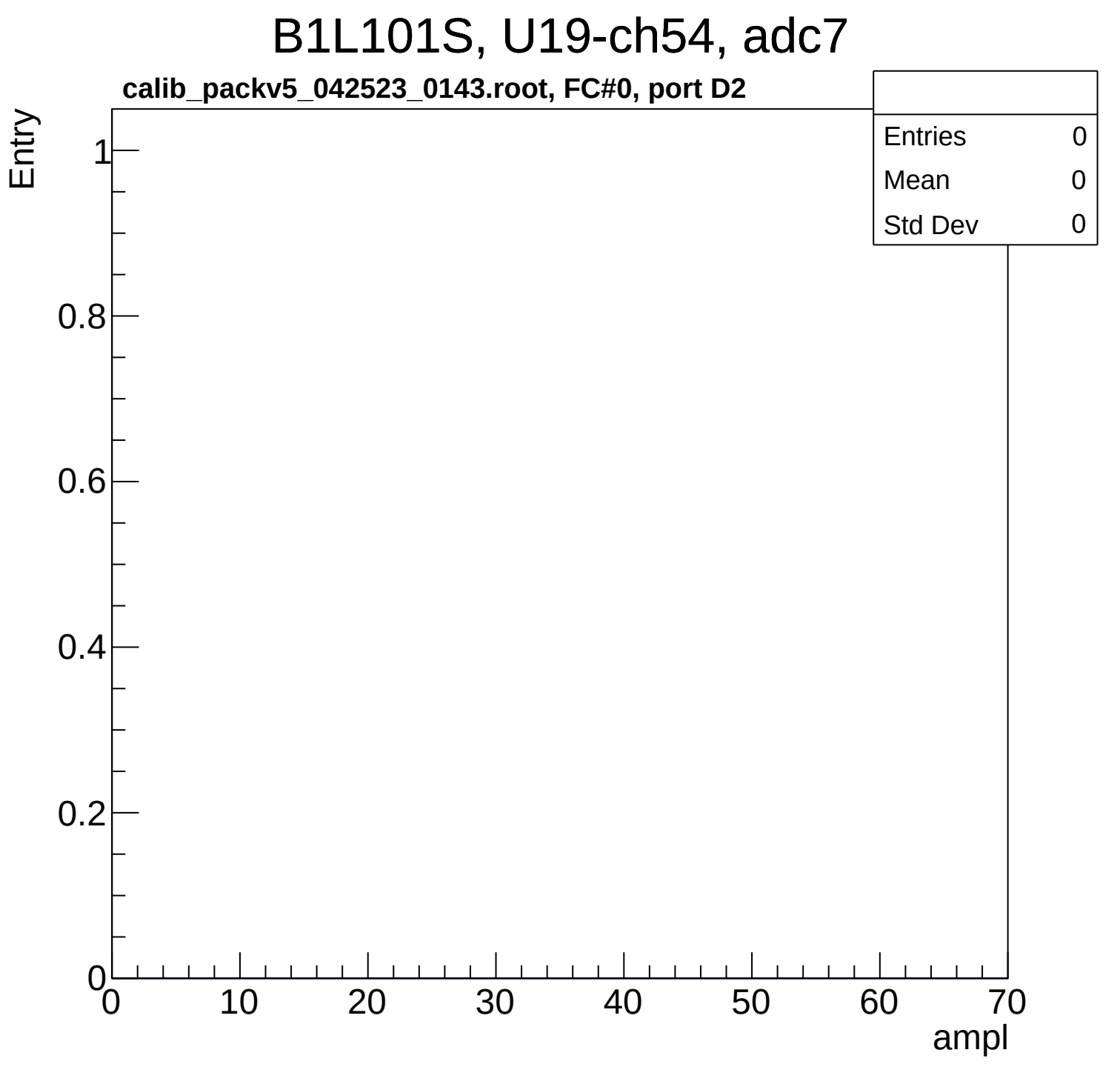
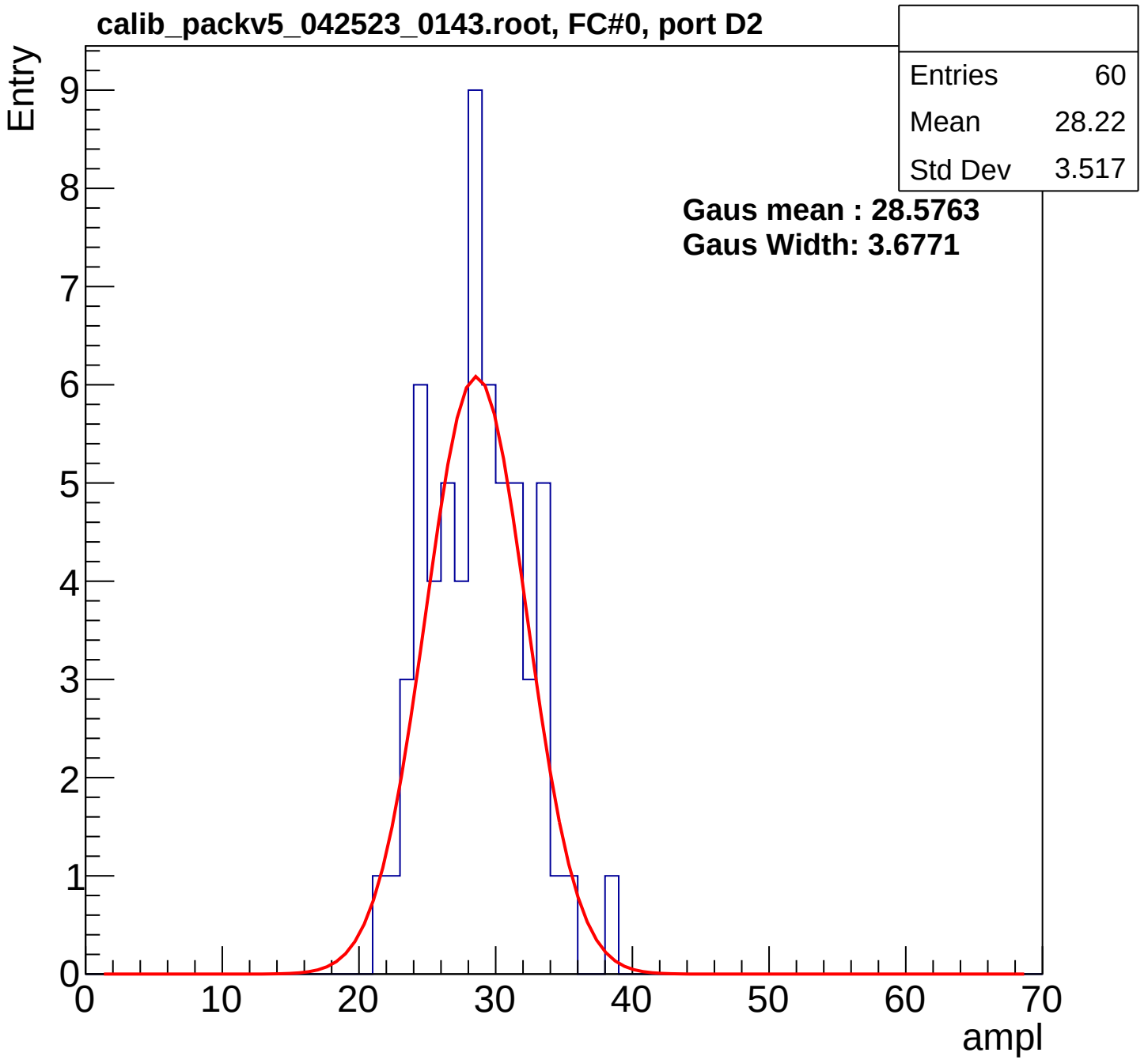
60
70


B1L101S, U19-ch54, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 56.64
Std Dev 17.93
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch54, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch55, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 28.22
Std Dev 3.517
Gaus mean : 28.5763
Gaus Width: 3.6771
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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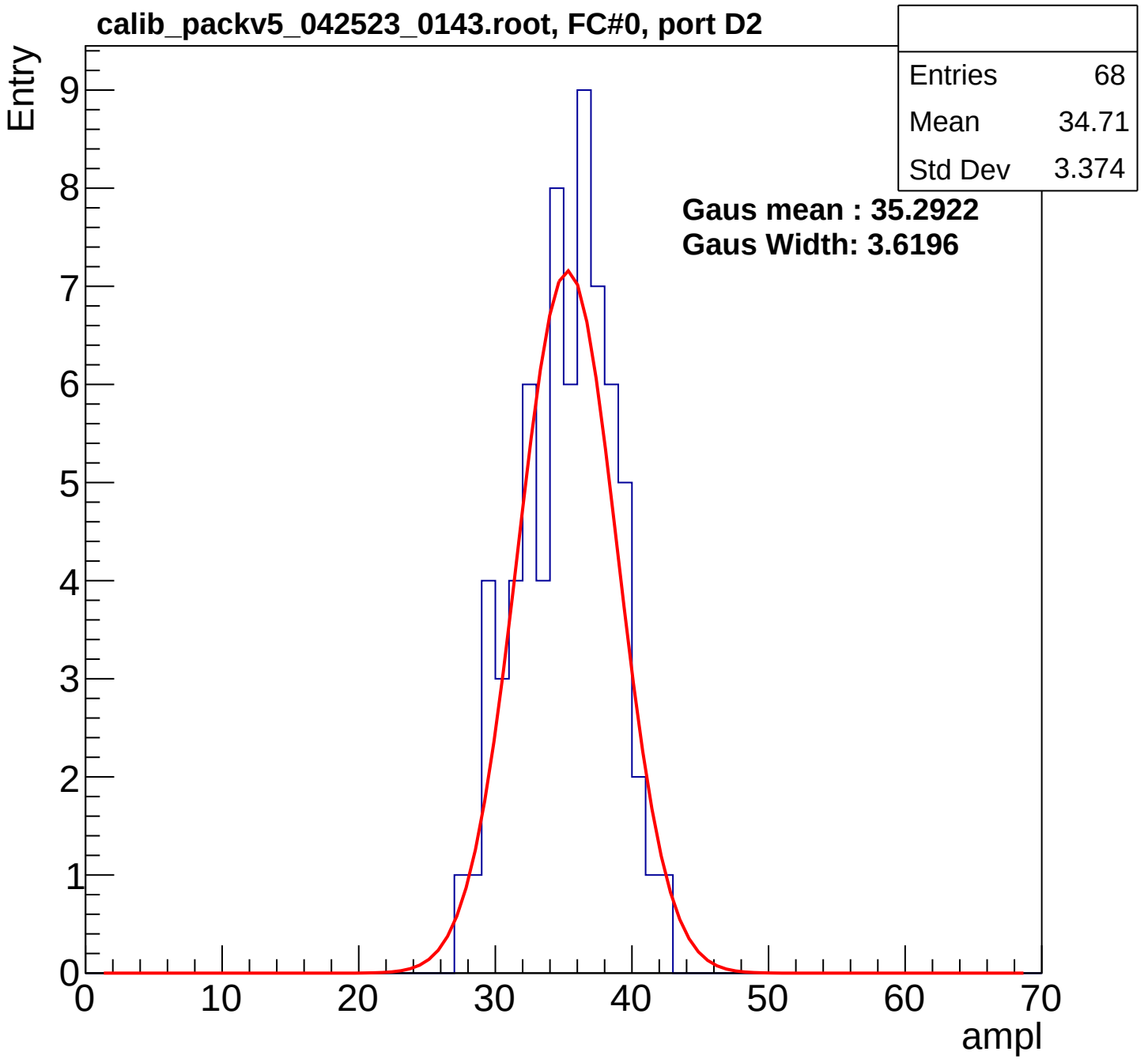
B1L101S, U19-ch55, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 34.71
Std Dev 3.374
Gaus mean : 35.2922
Gaus Width: 3.6196
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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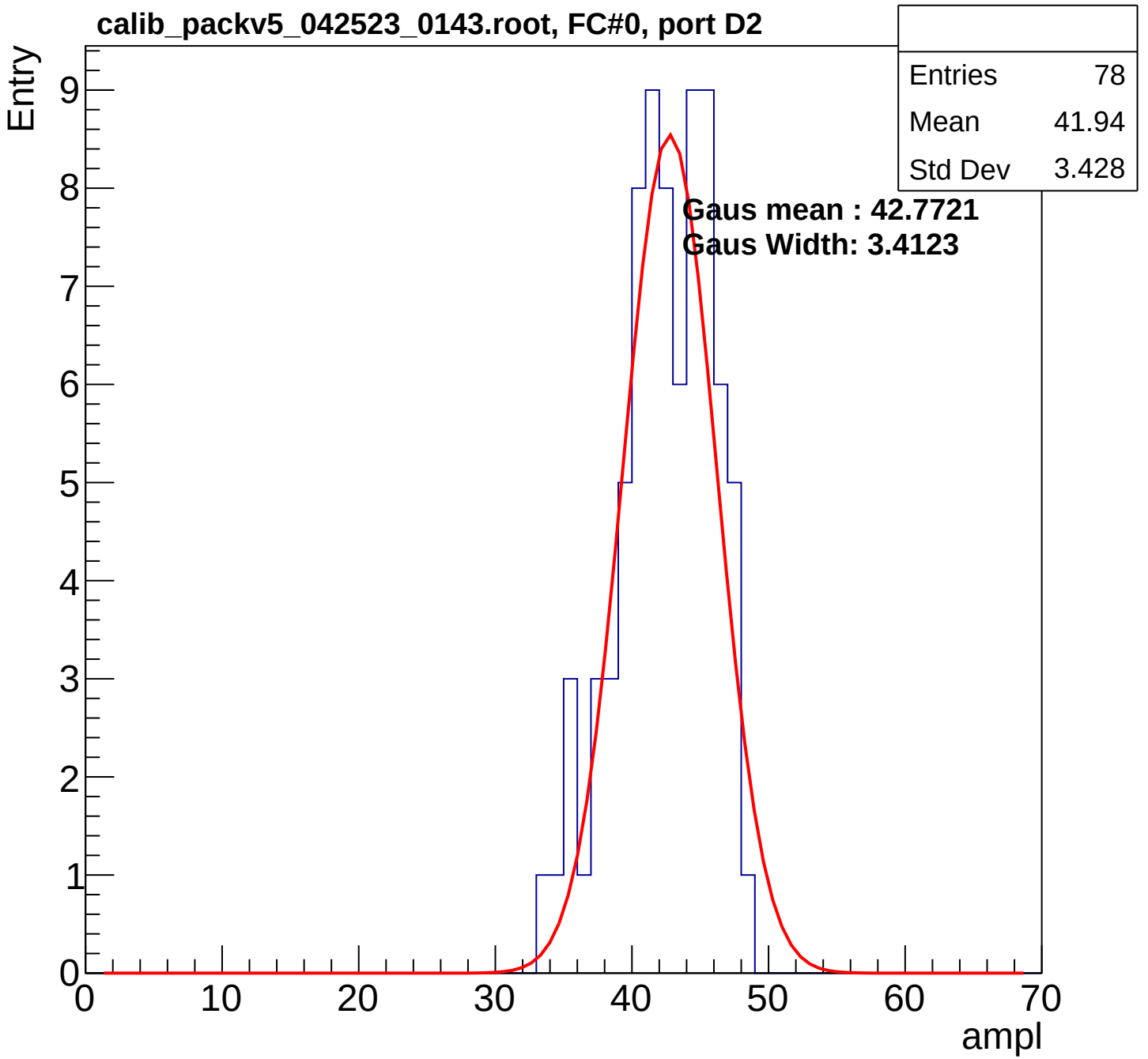
B1L101S, U19-ch55, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 41.94
Std Dev 3.428
Gaus mean : 42.7721
Gaus Width: 3.4123
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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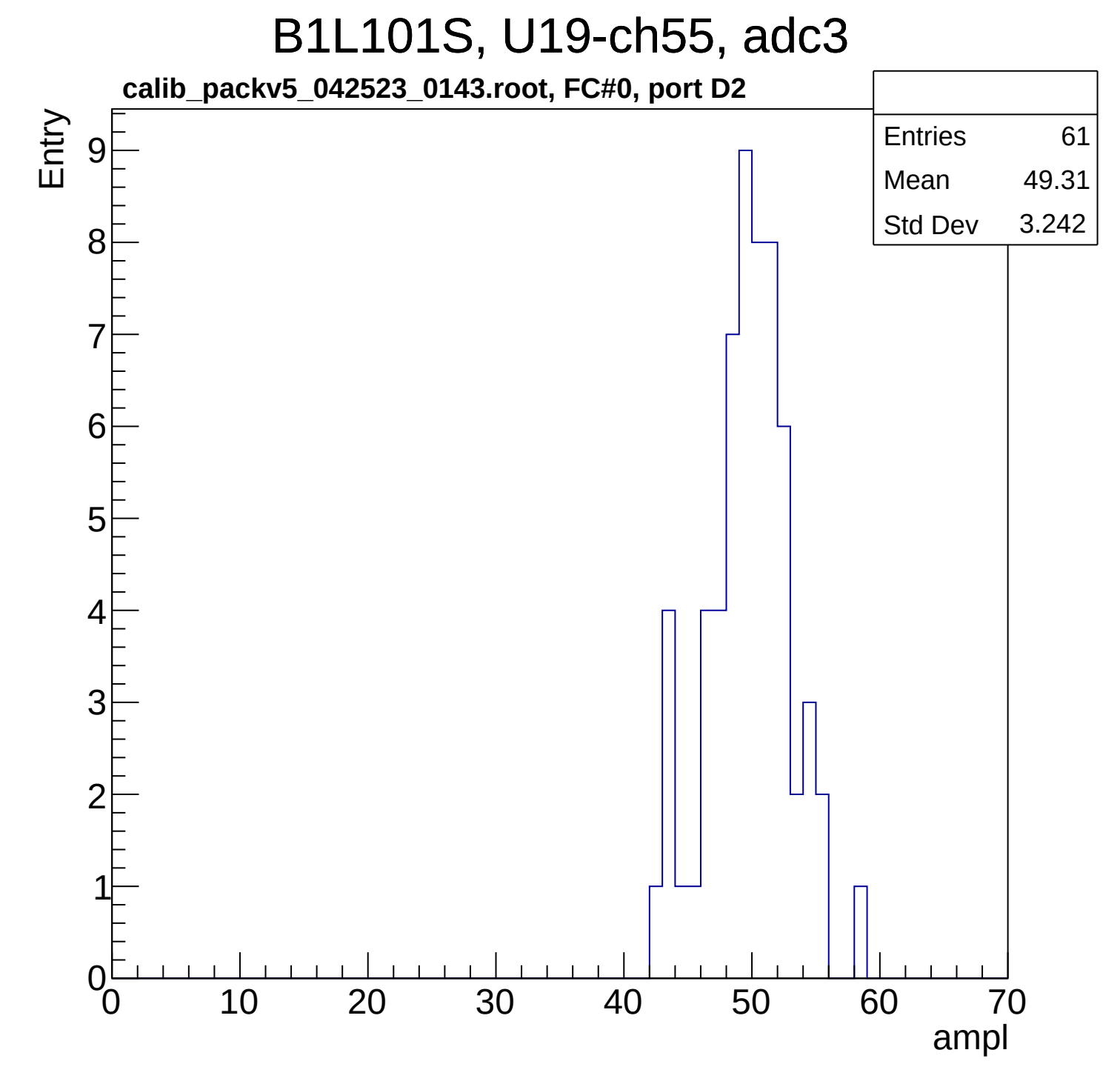
B1L101S, U19-ch55, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 49.31
Std Dev 3.242
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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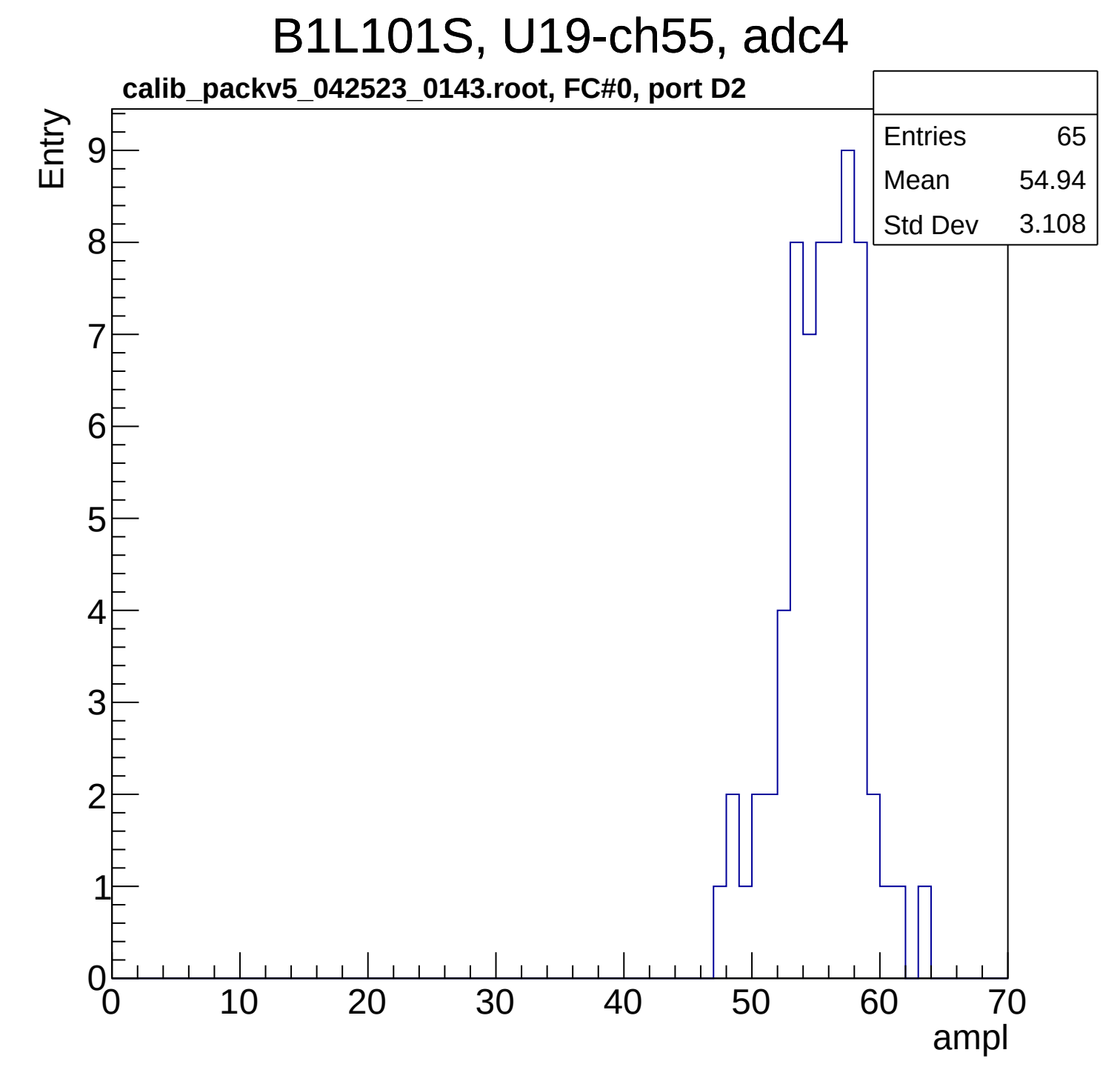
B1L101S, U19-ch55, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 54.94
Std Dev 3.108
Entry
ampl
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2
3
4
5
6
7
8
9
0
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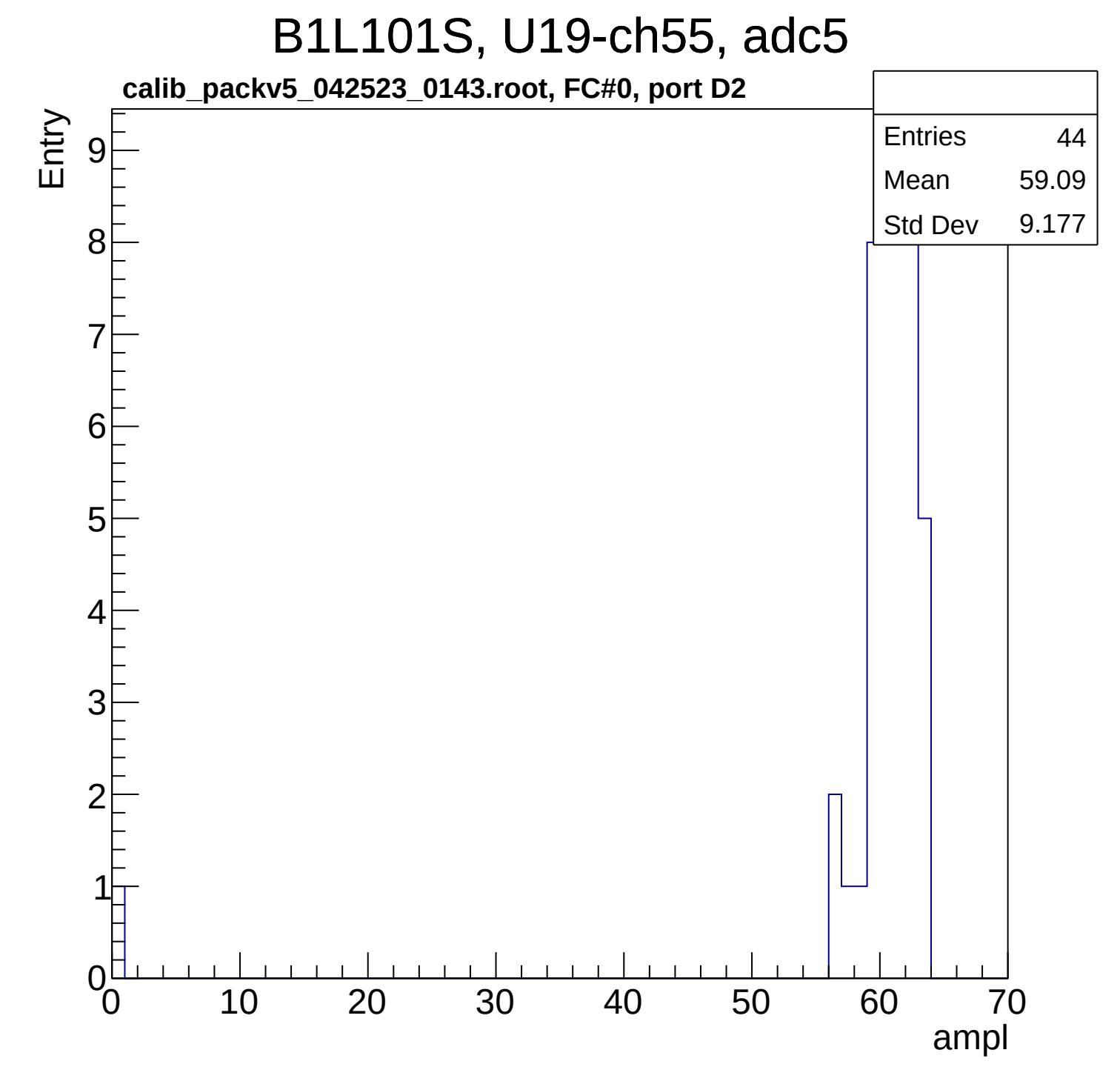
B1L101S, U19-ch55, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 59.09
Std Dev 9.177
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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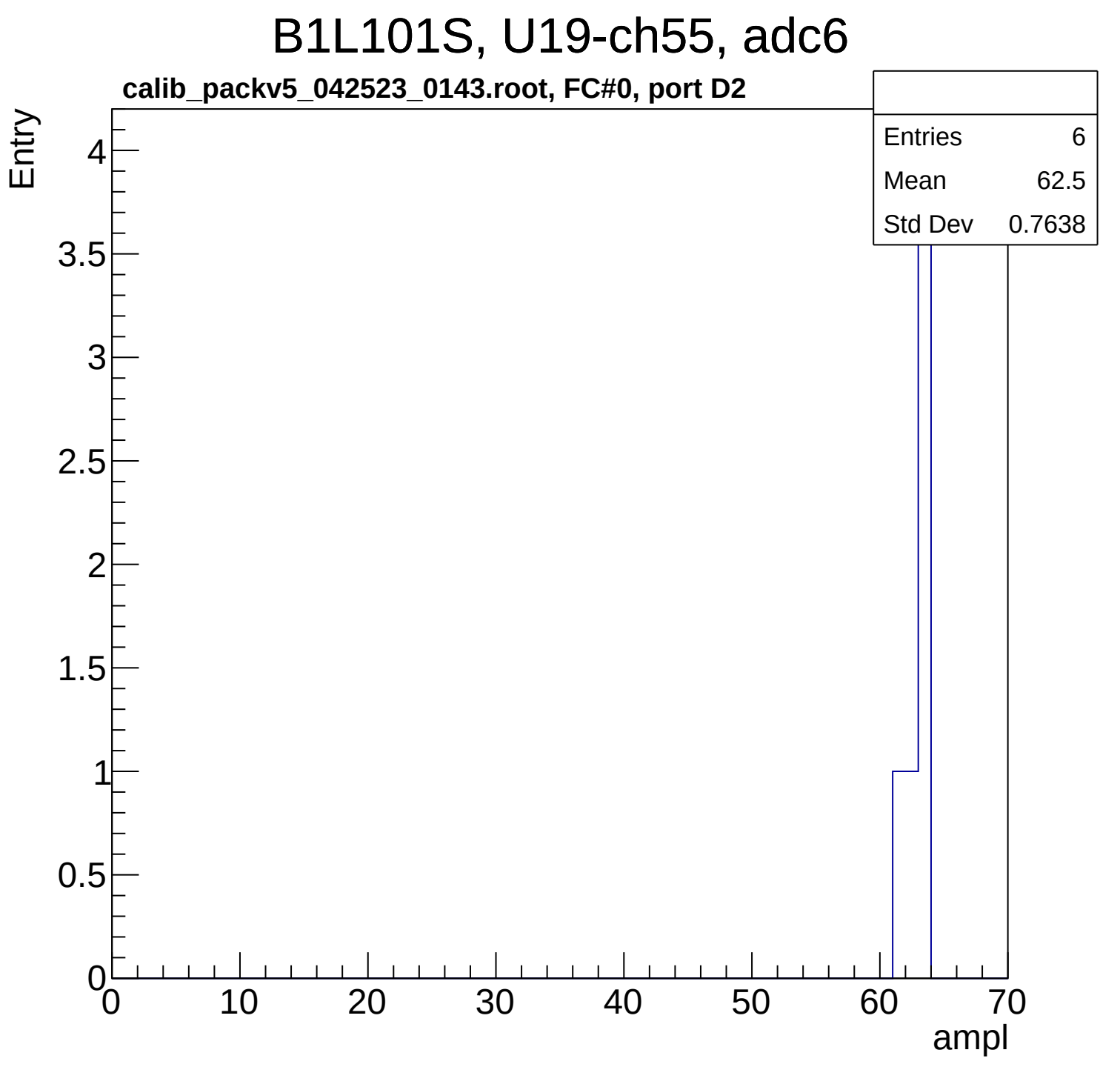
B1L101S, U19-ch55, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 62.5
Std Dev 0.7638
Entry
ampl
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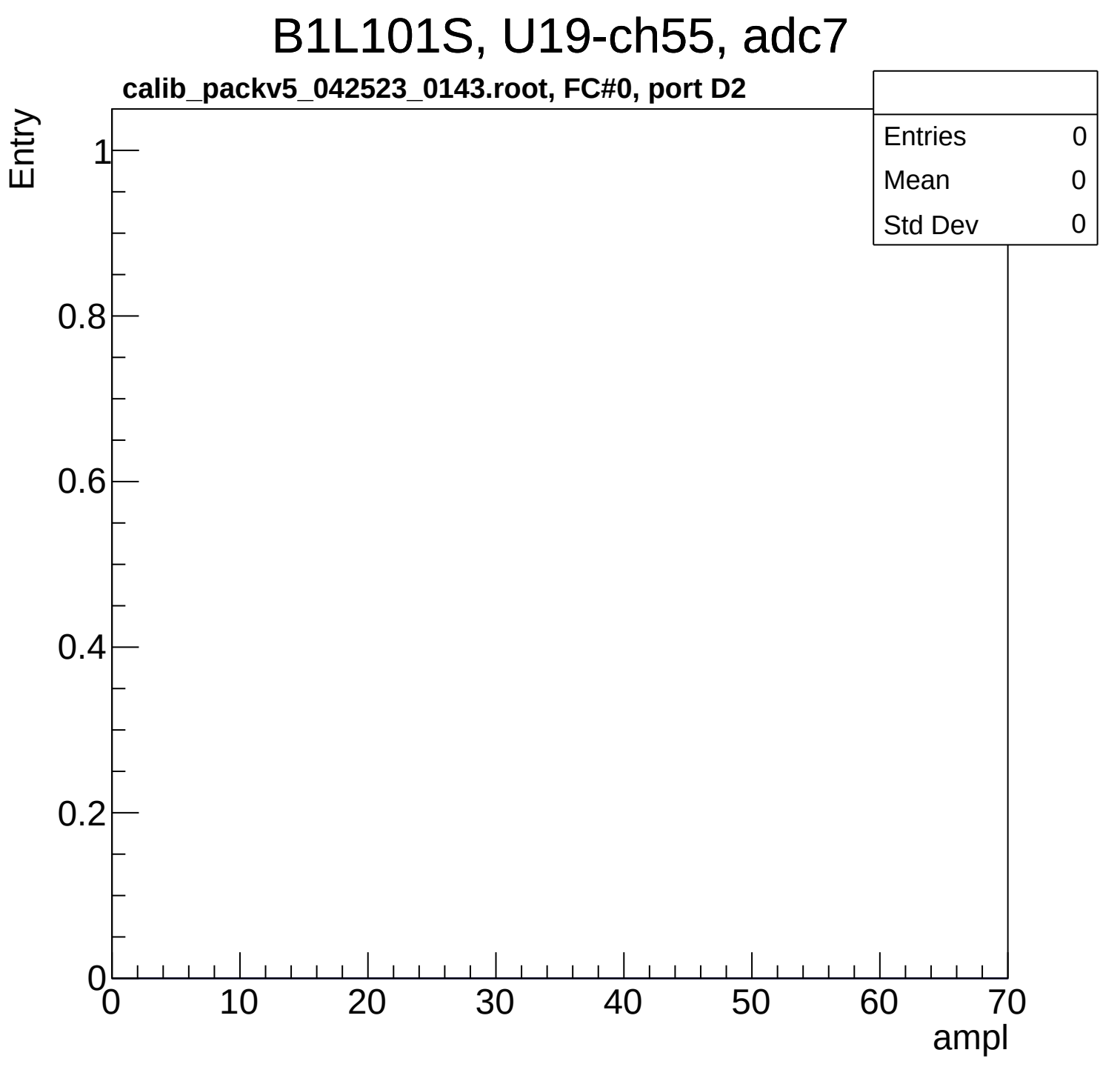
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch55, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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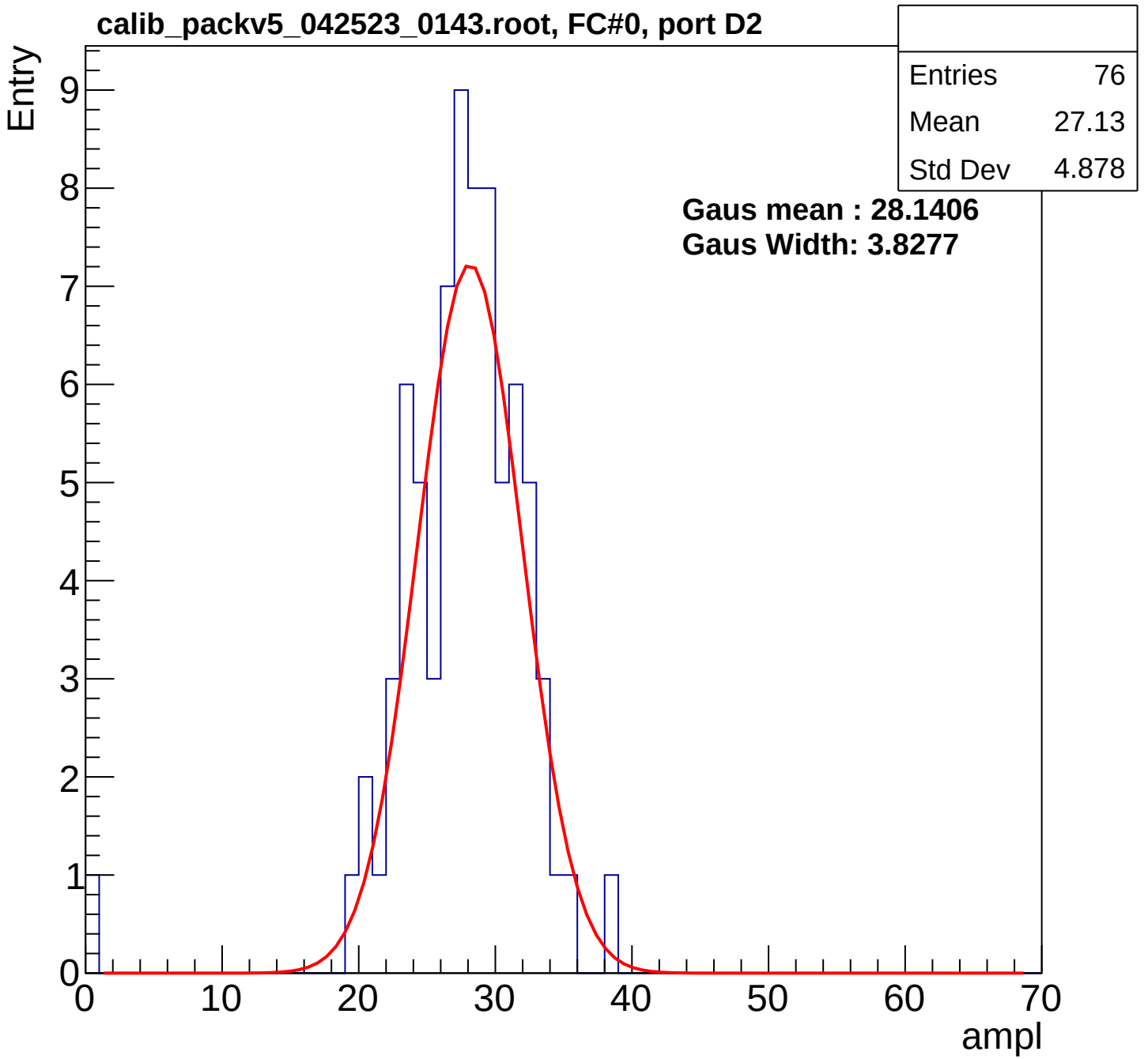
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch56, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 27.13
Std Dev 4.878
Gaus mean : 28.1406
Gaus Width: 3.8277
Entry
ampl
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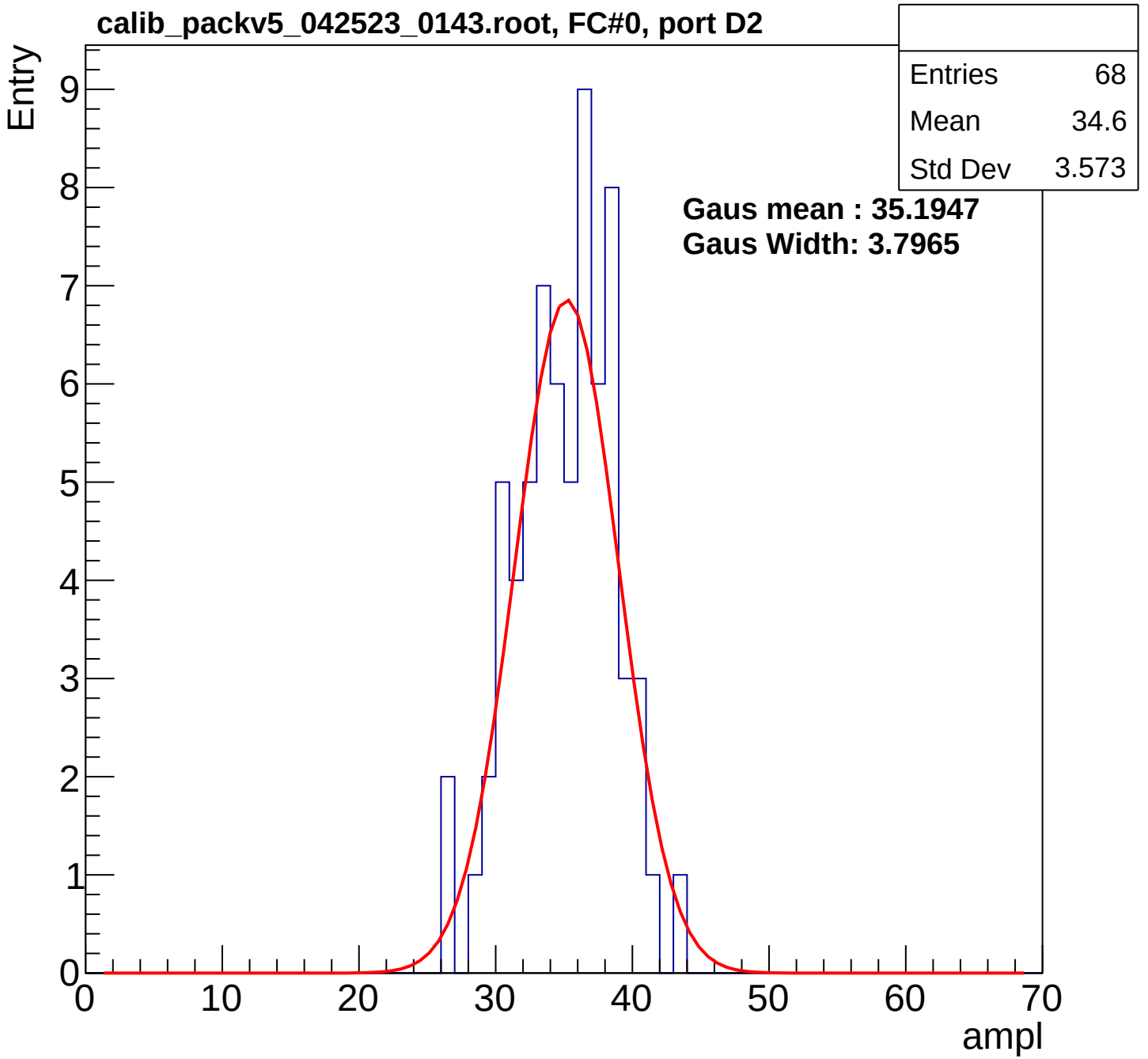
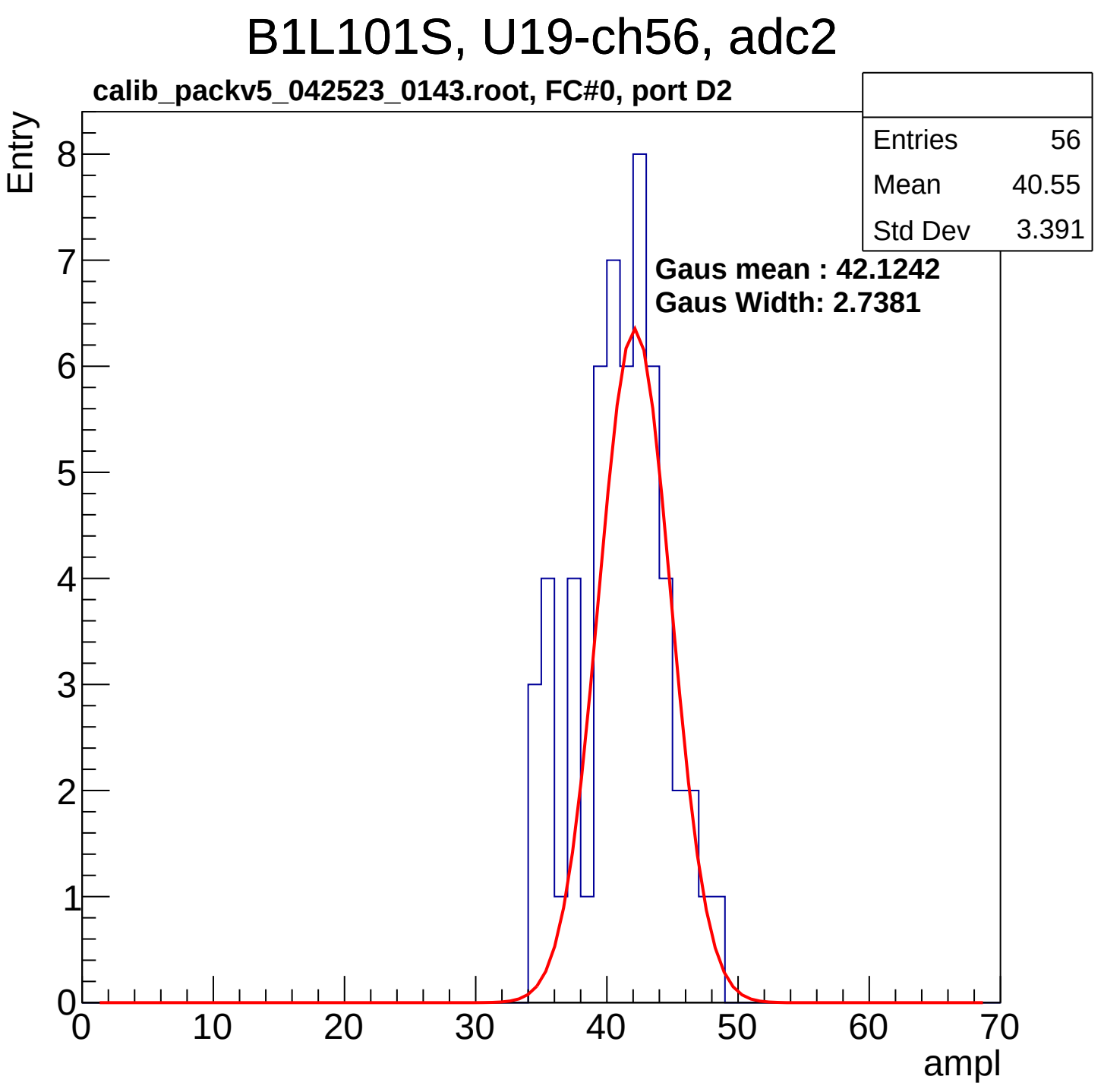
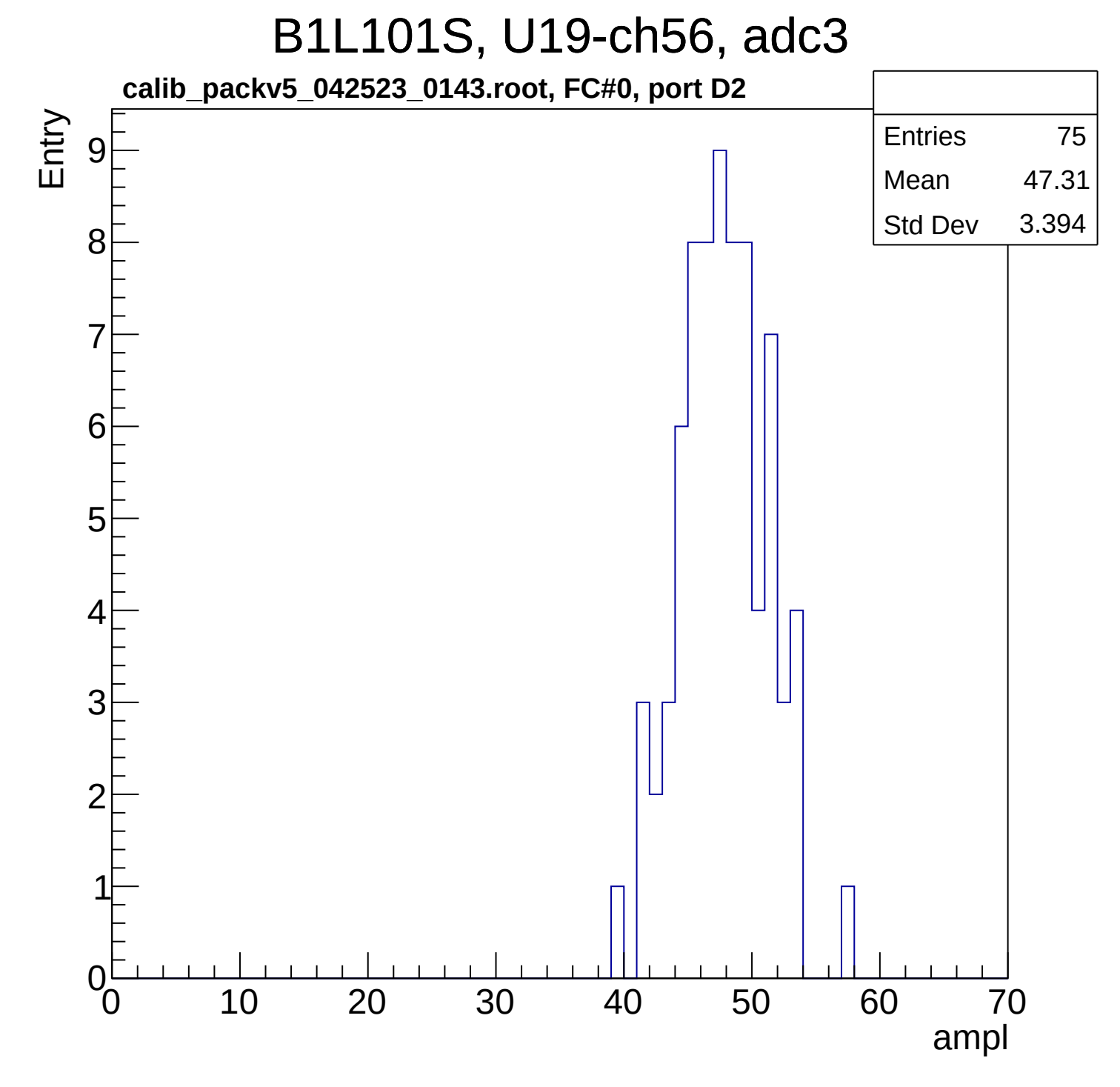
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch56, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 34.6
Std Dev 3.573
Gaus mean : 35.1947
Gaus Width: 3.7965
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch56, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 40.55
Std Dev 3.391
Gaus mean : 42.1242
Gaus Width: 2.7381
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch56, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 47.31
Std Dev 3.394
Entry
ampl
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3
4
5
6
7
8
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0
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60
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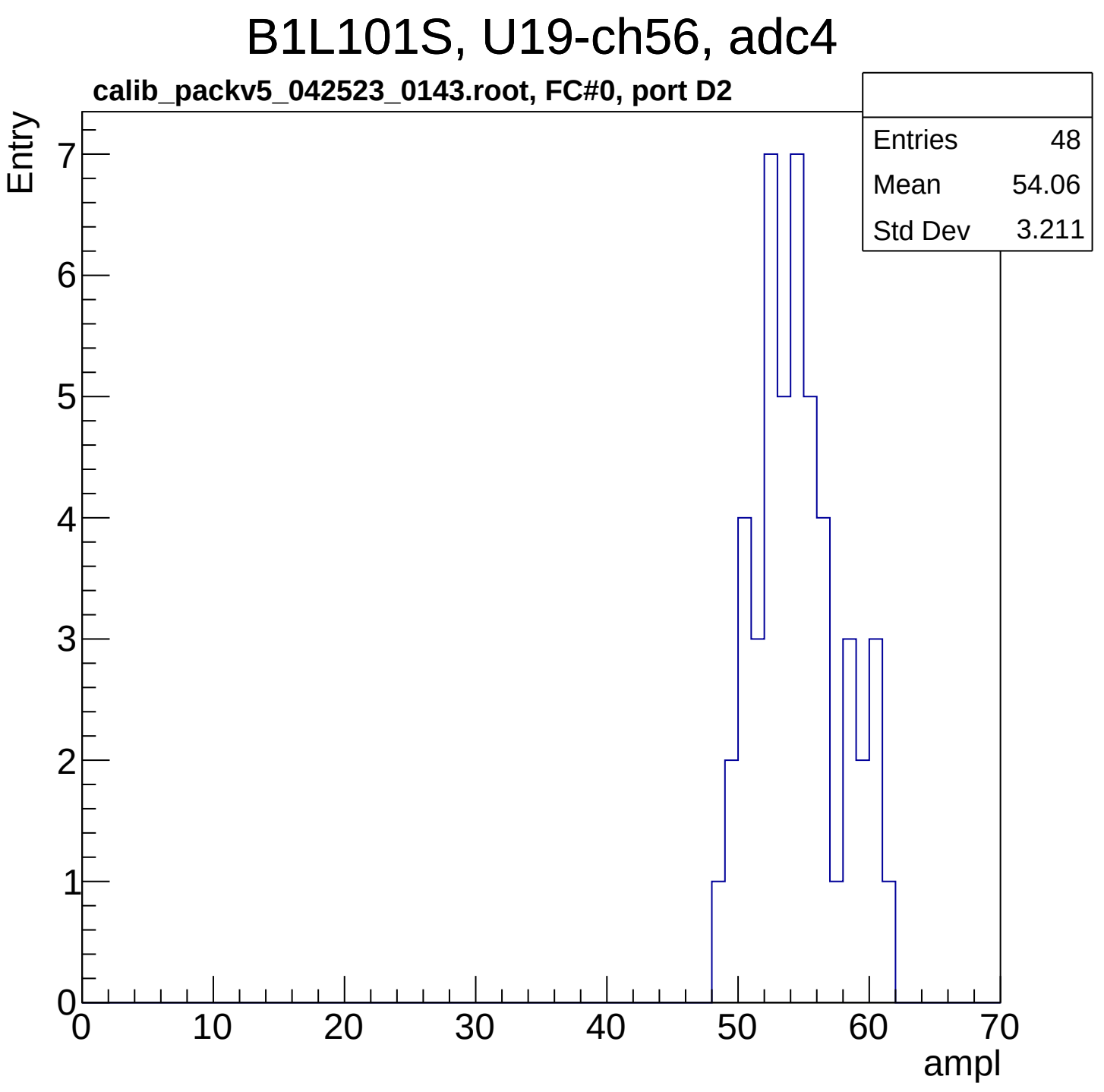
B1L101S, U19-ch56, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 54.06
Std Dev 3.211
Entry
ampl
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1
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6
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0
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60
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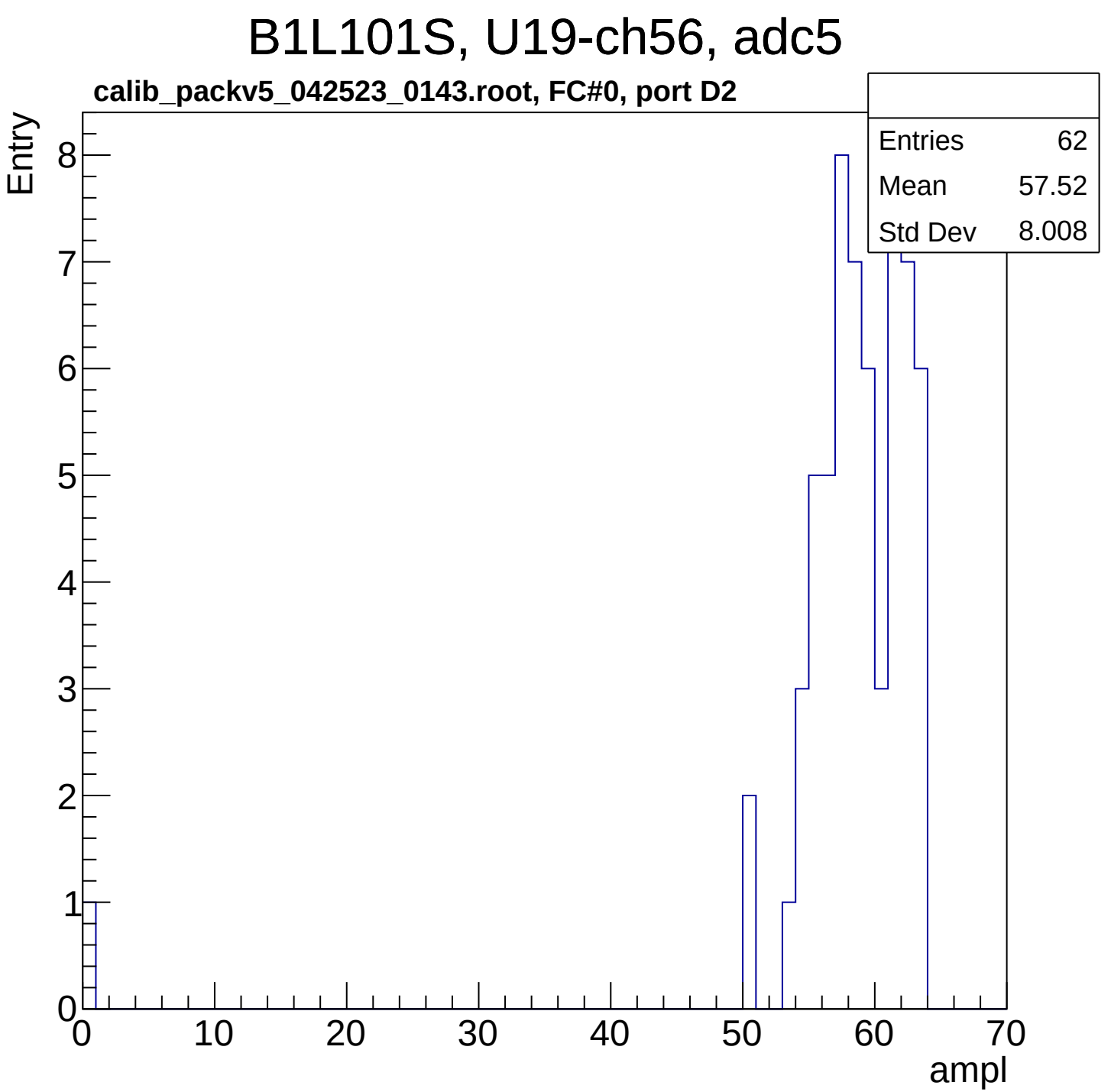
B1L101S, U19-ch56, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 57.52
Std Dev 8.008
Entry
ampl
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2
3
4
5
6
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60
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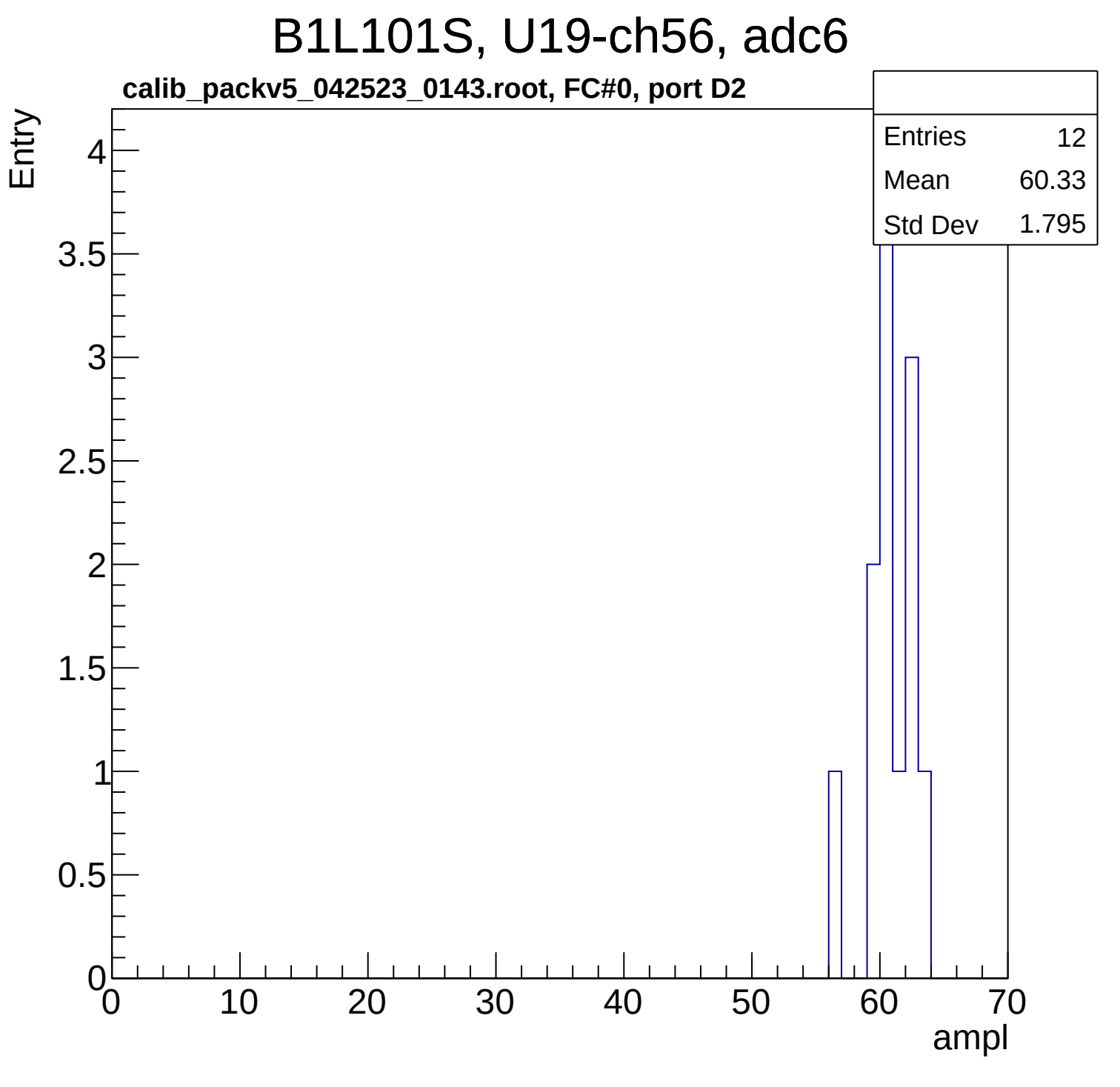
B1L101S, U19-ch56, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 12
Mean 60.33
Std Dev 1.795
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
30
40
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60
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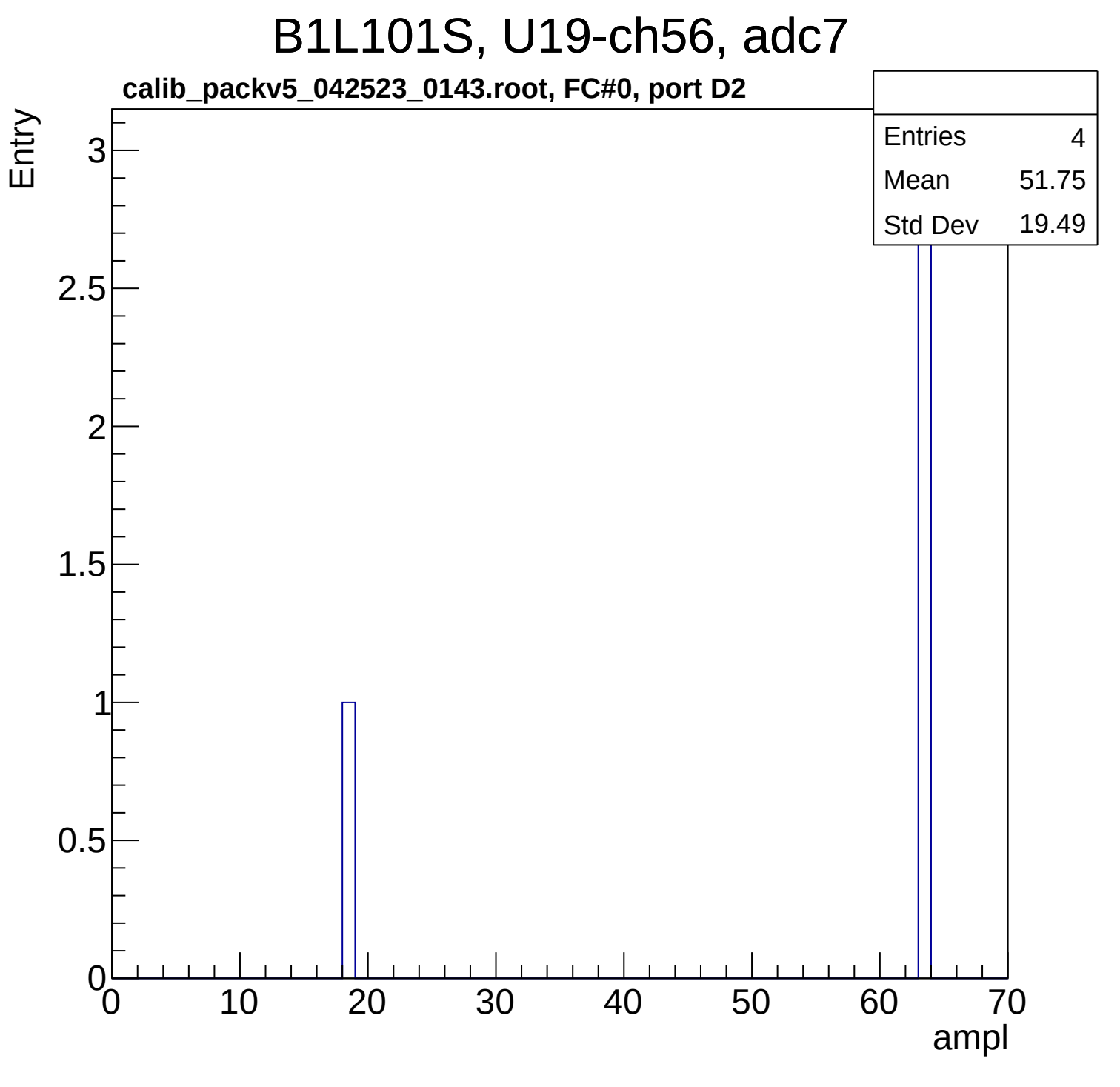
B1L101S, U19-ch56, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 51.75
Std Dev 19.49
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
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50
60
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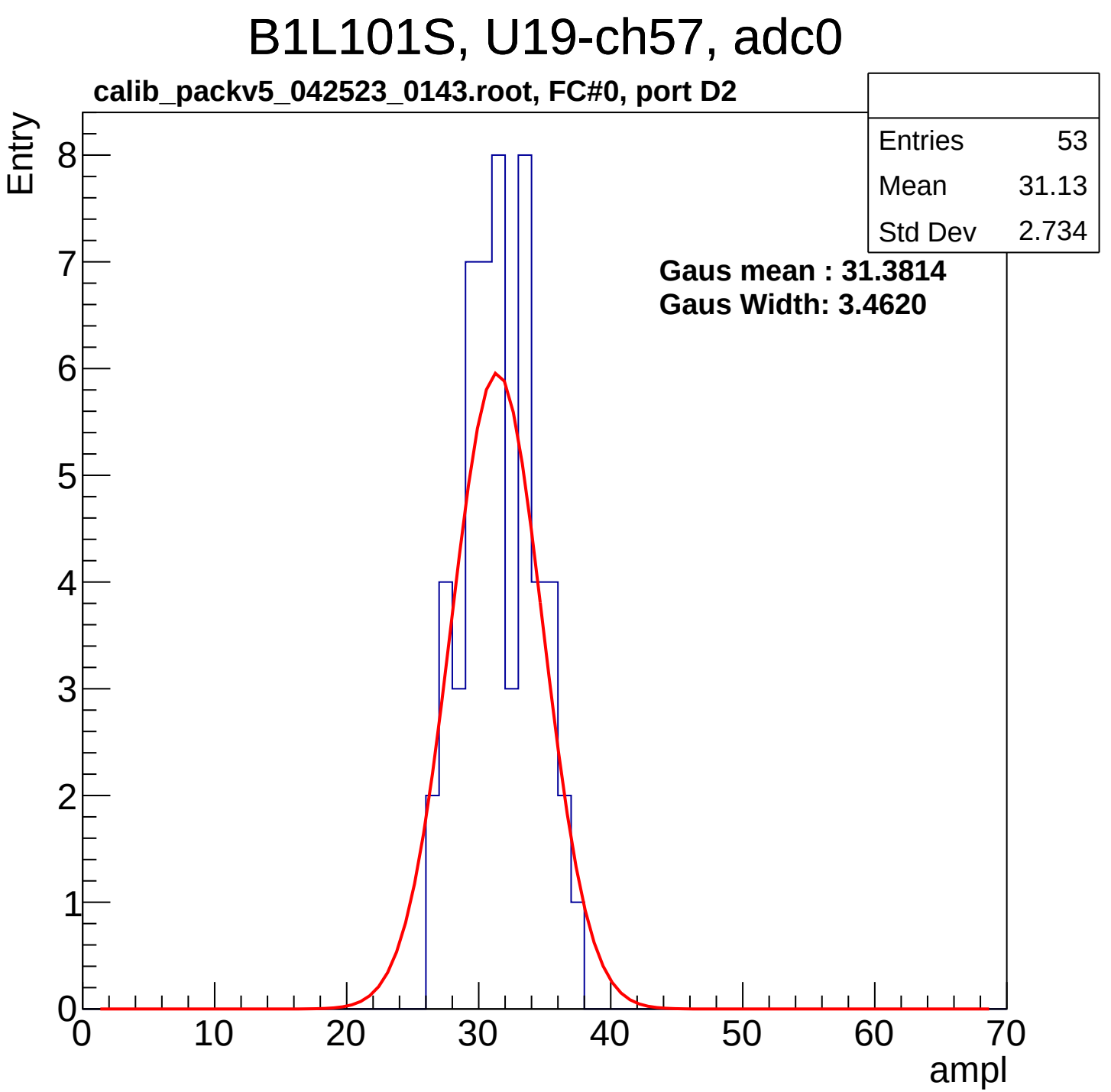
B1L101S, U19-ch57, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 31.13
Std Dev 2.734
Gaus mean : 31.3814
Gaus Width: 3.4620
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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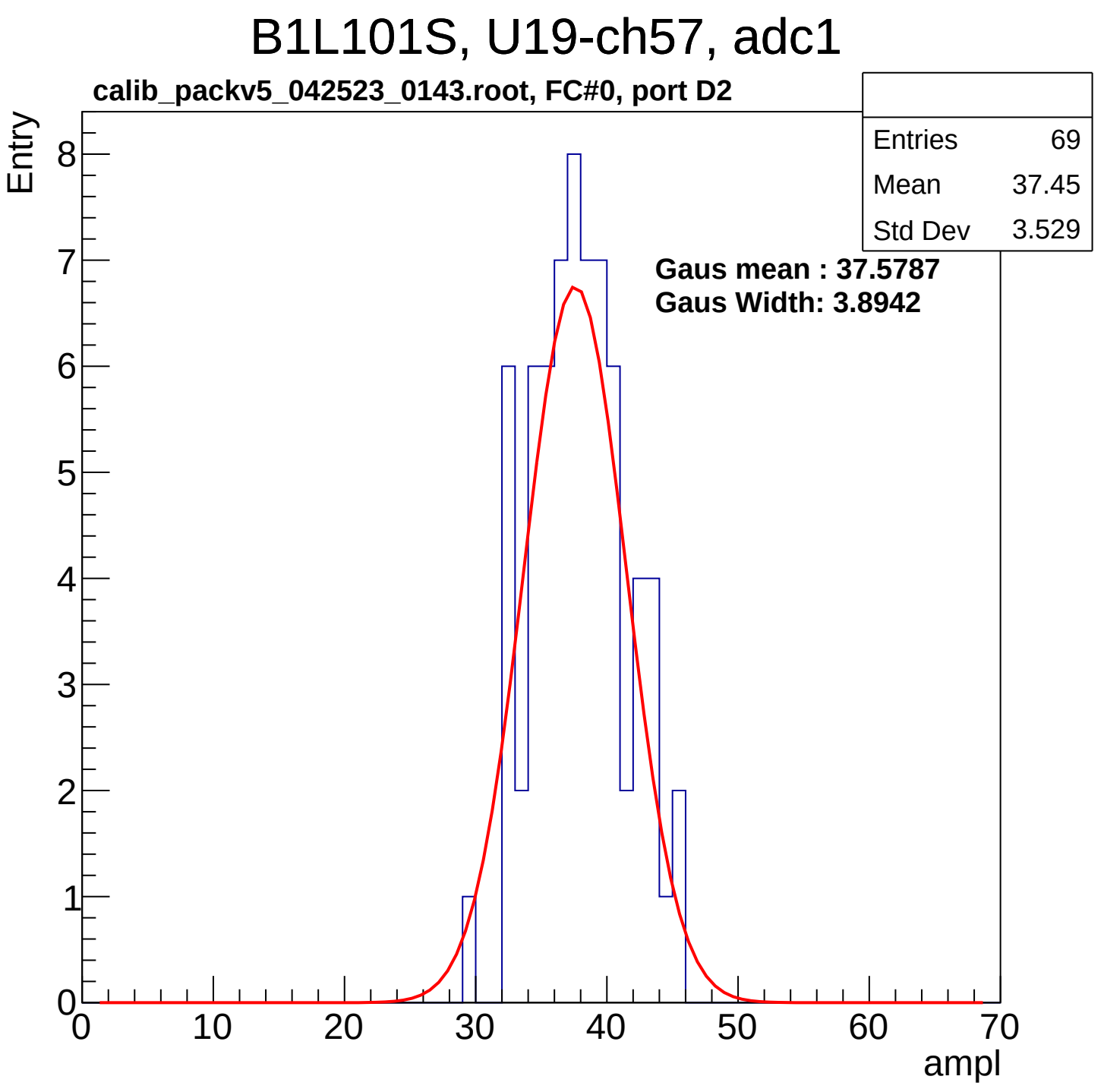
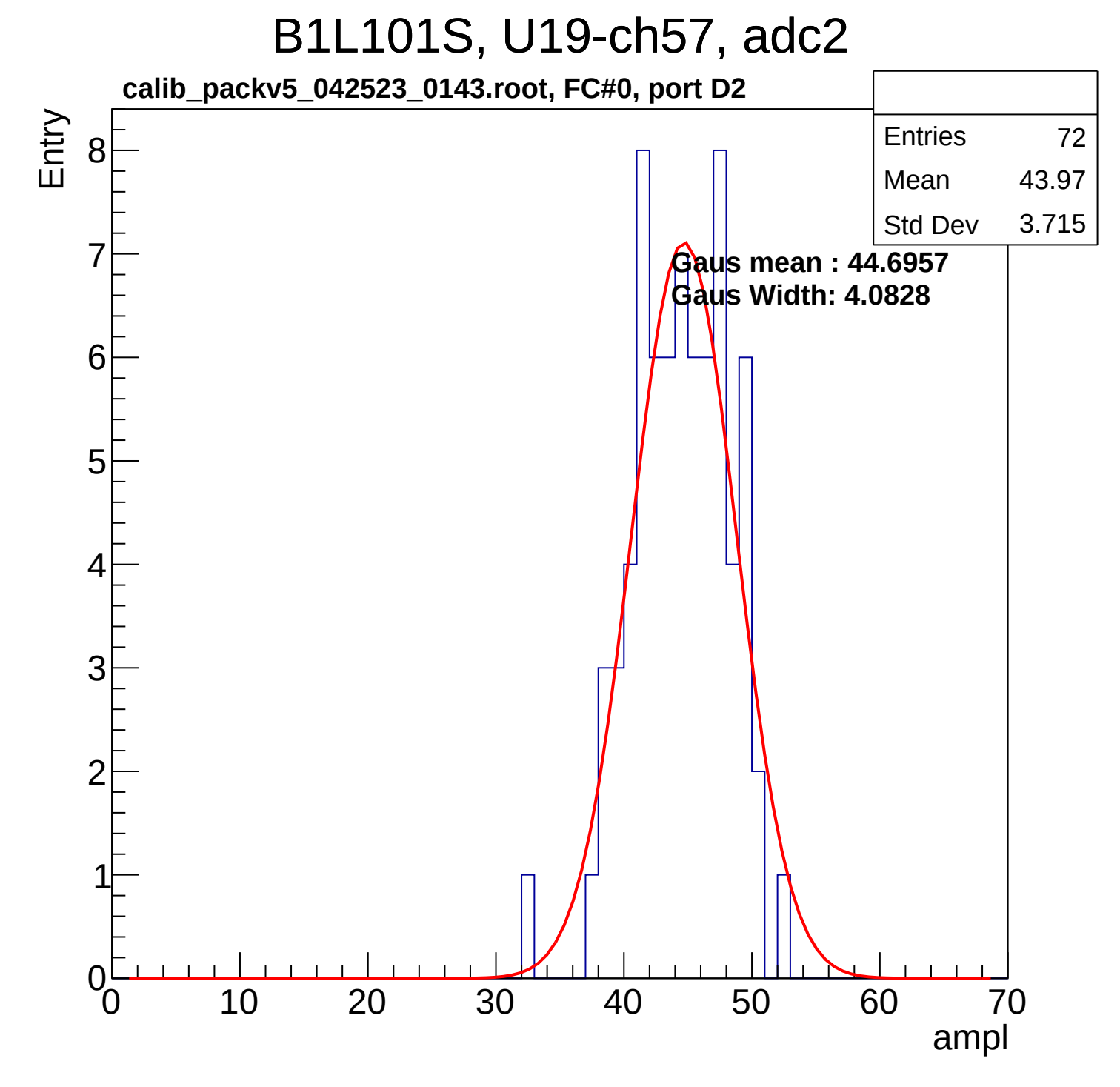

B1L101S, U19-ch57, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 37.45
Std Dev 3.529
Gaus mean : 37.5787
Gaus Width: 3.8942
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch57, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 43.97
Std Dev 3.715
Gaus mean : 44.6957
Gaus Width: 4.0828
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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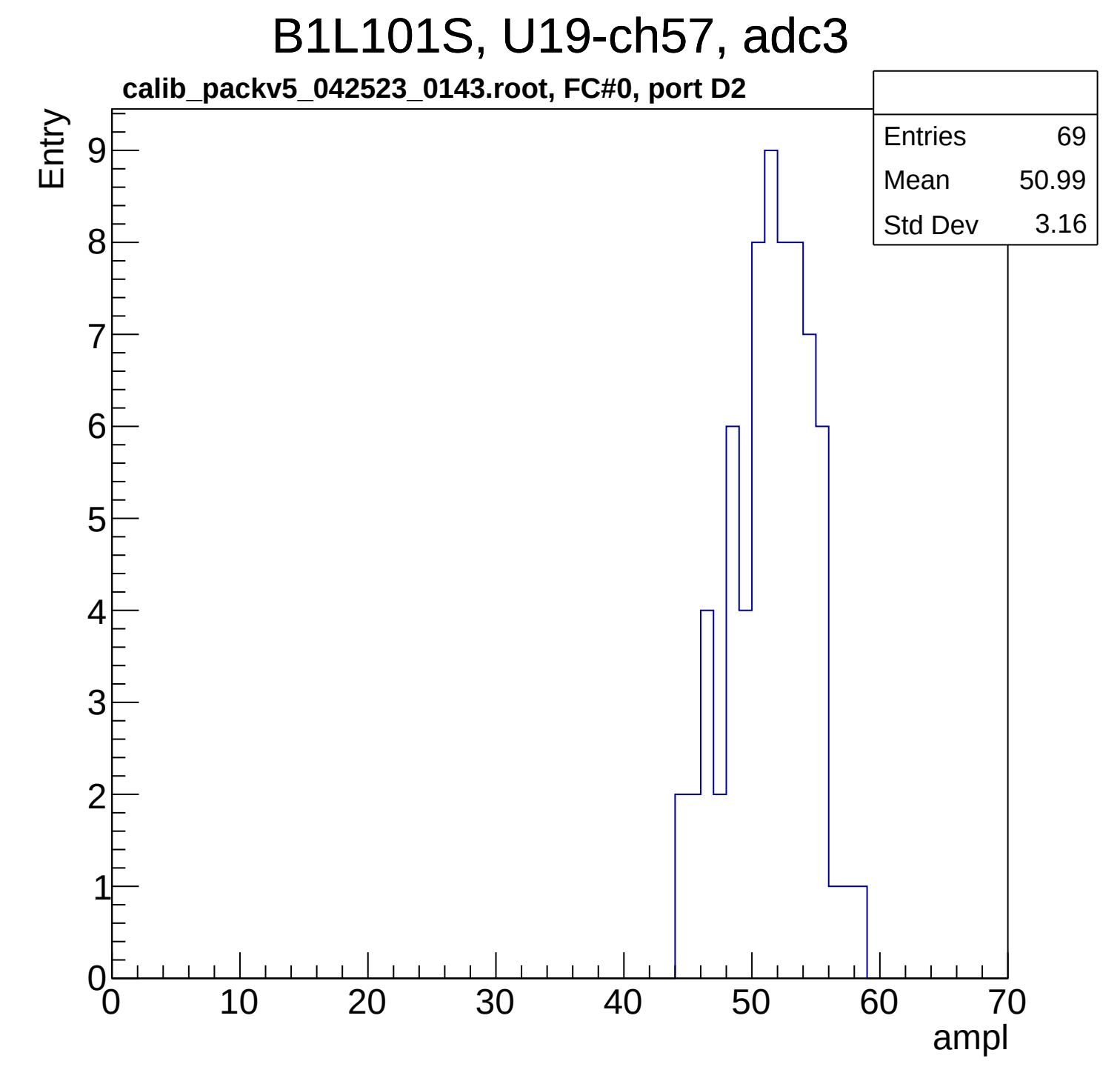
B1L101S, U19-ch57, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 50.99
Std Dev 3.16
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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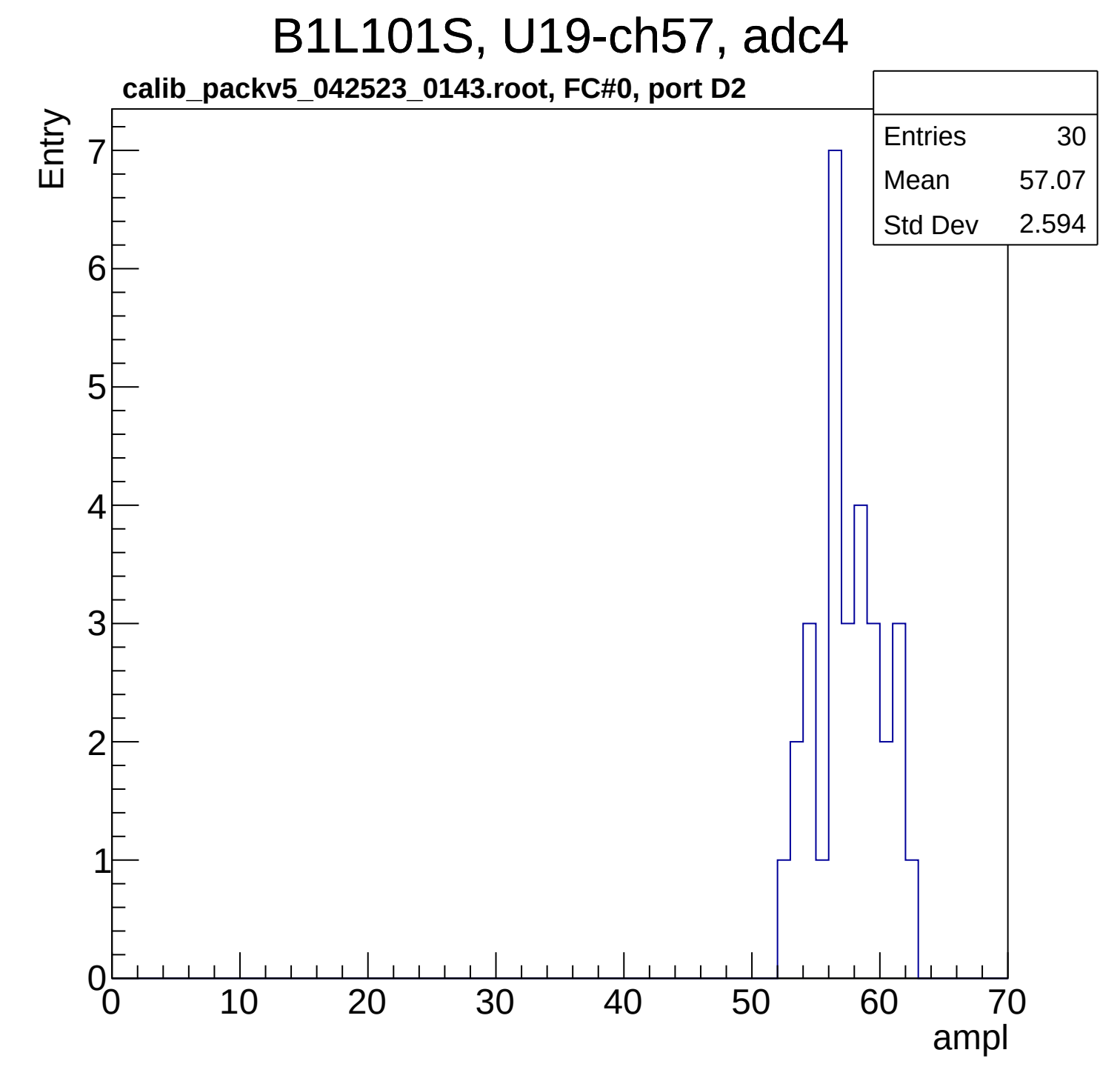
B1L101S, U19-ch57, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 57.07
Std Dev 2.594
Entry
ampl
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4
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60
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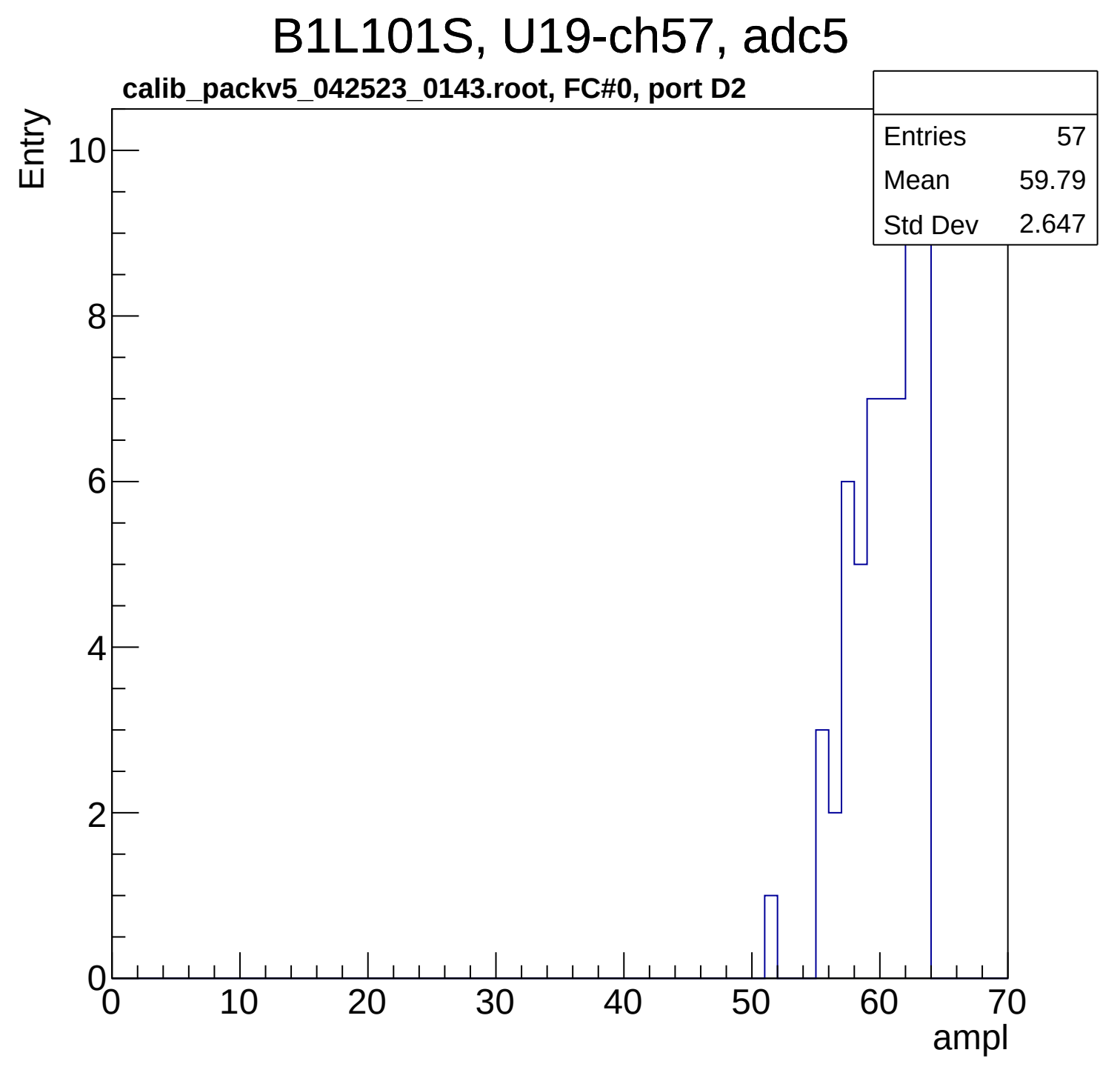
B1L101S, U19-ch57, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 59.79
Std Dev 2.647
Entry
ampl
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2
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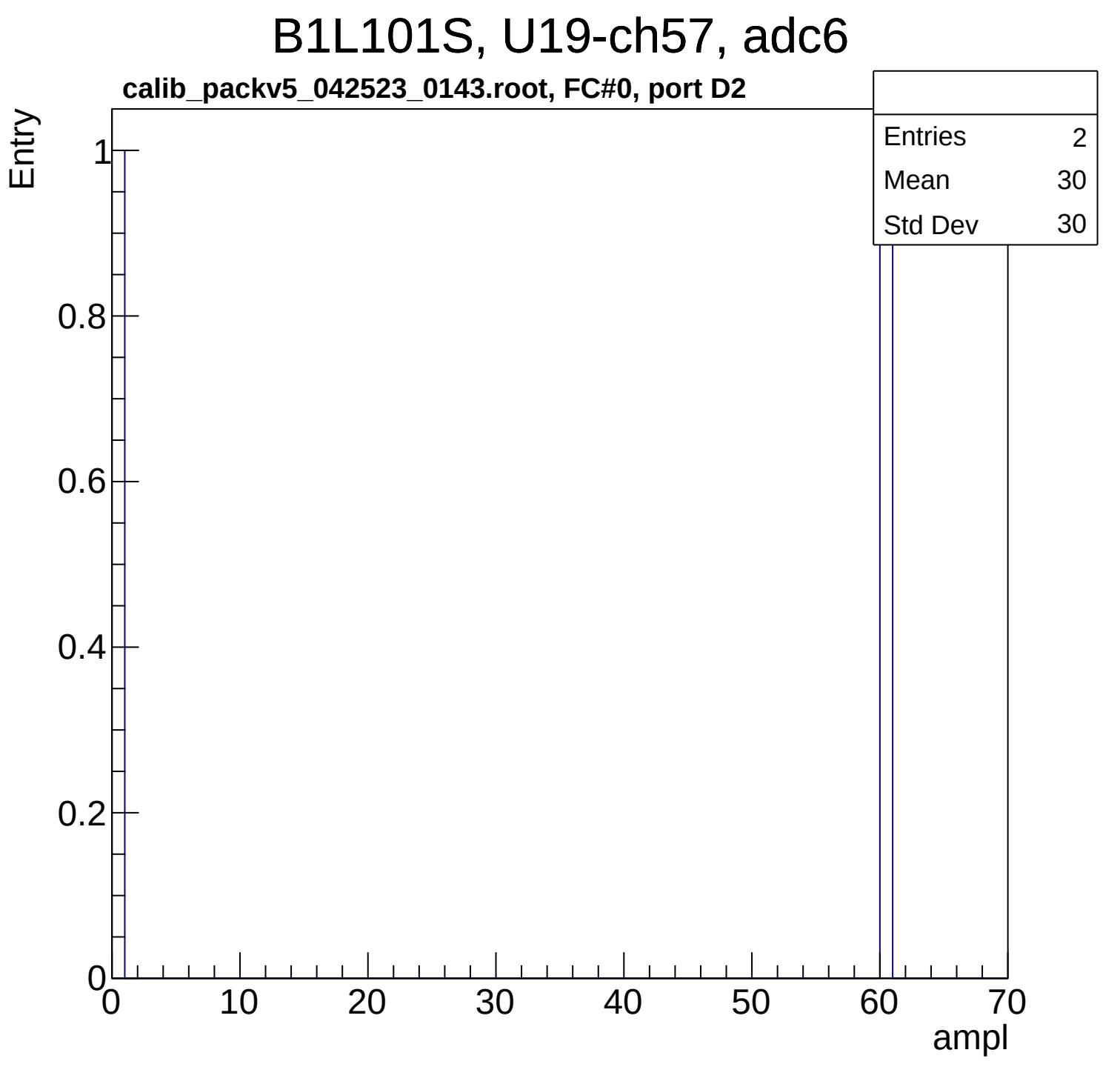
B1L101S, U19-ch57, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 30
Std Dev 30
Entry
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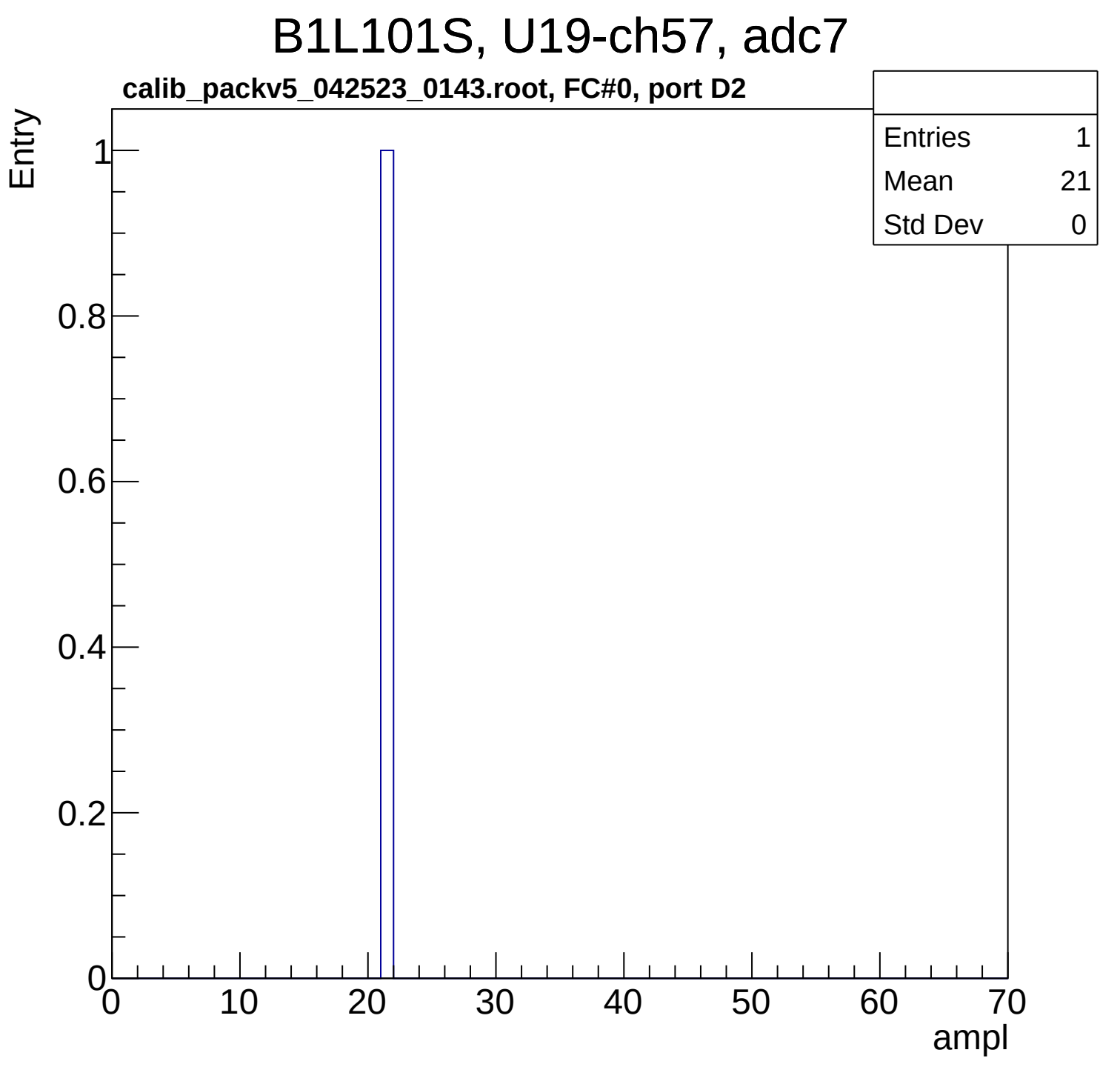
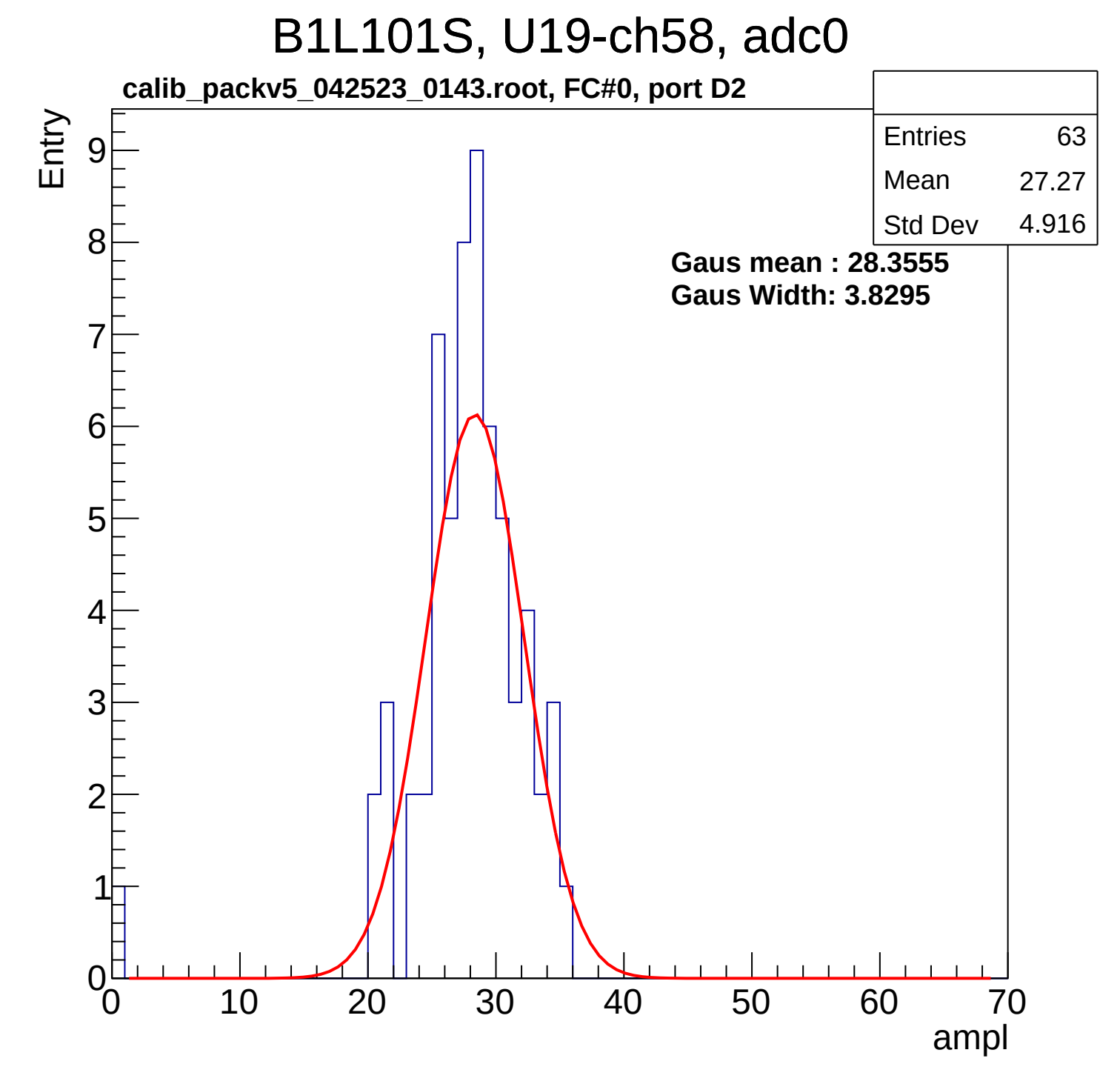
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch57, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch58, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 27.27
Std Dev 4.916
Gaus mean : 28.3555
Gaus Width: 3.8295
Entry
ampl
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1
2
3
4
5
6
7
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0
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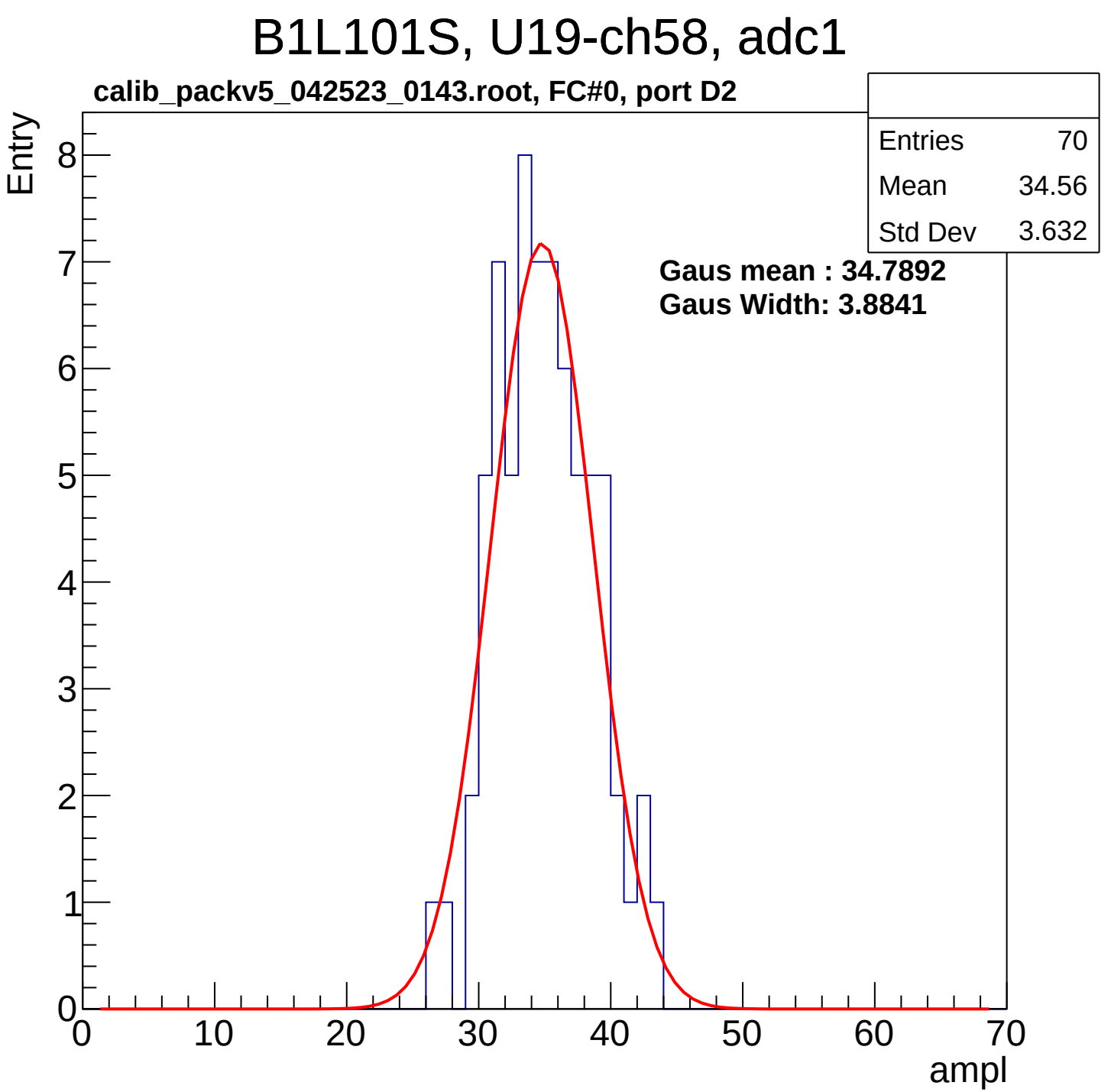
B1L101S, U19-ch58, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 34.56
Std Dev 3.632
Gaus mean : 34.7892
Gaus Width: 3.8841
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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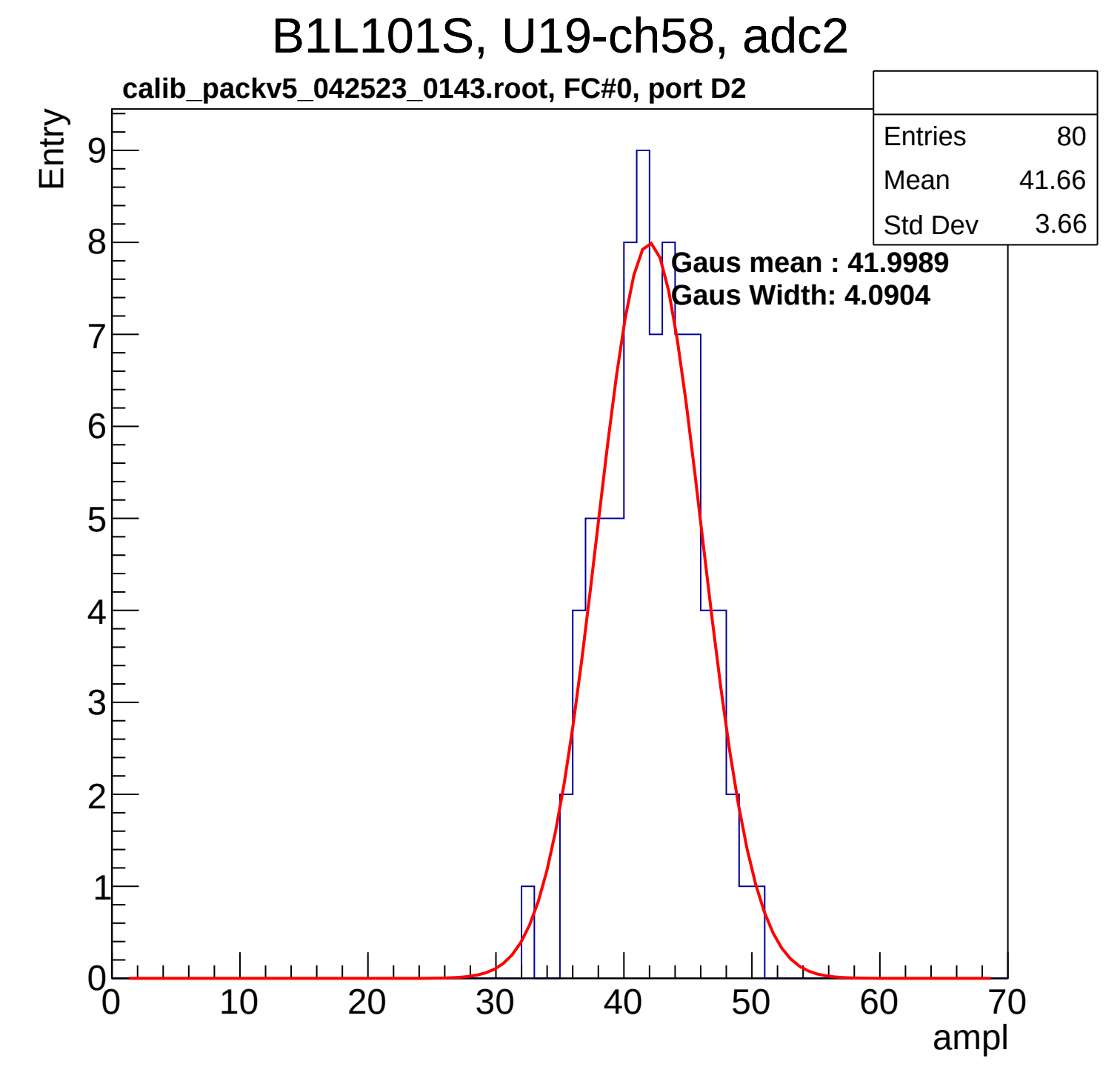
B1L101S, U19-ch58, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 41.66
Std Dev 3.66
Gaus mean : 41.9989
Gaus Width: 4.0904
Entry
ampl
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1
2
3
4
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6
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8
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0
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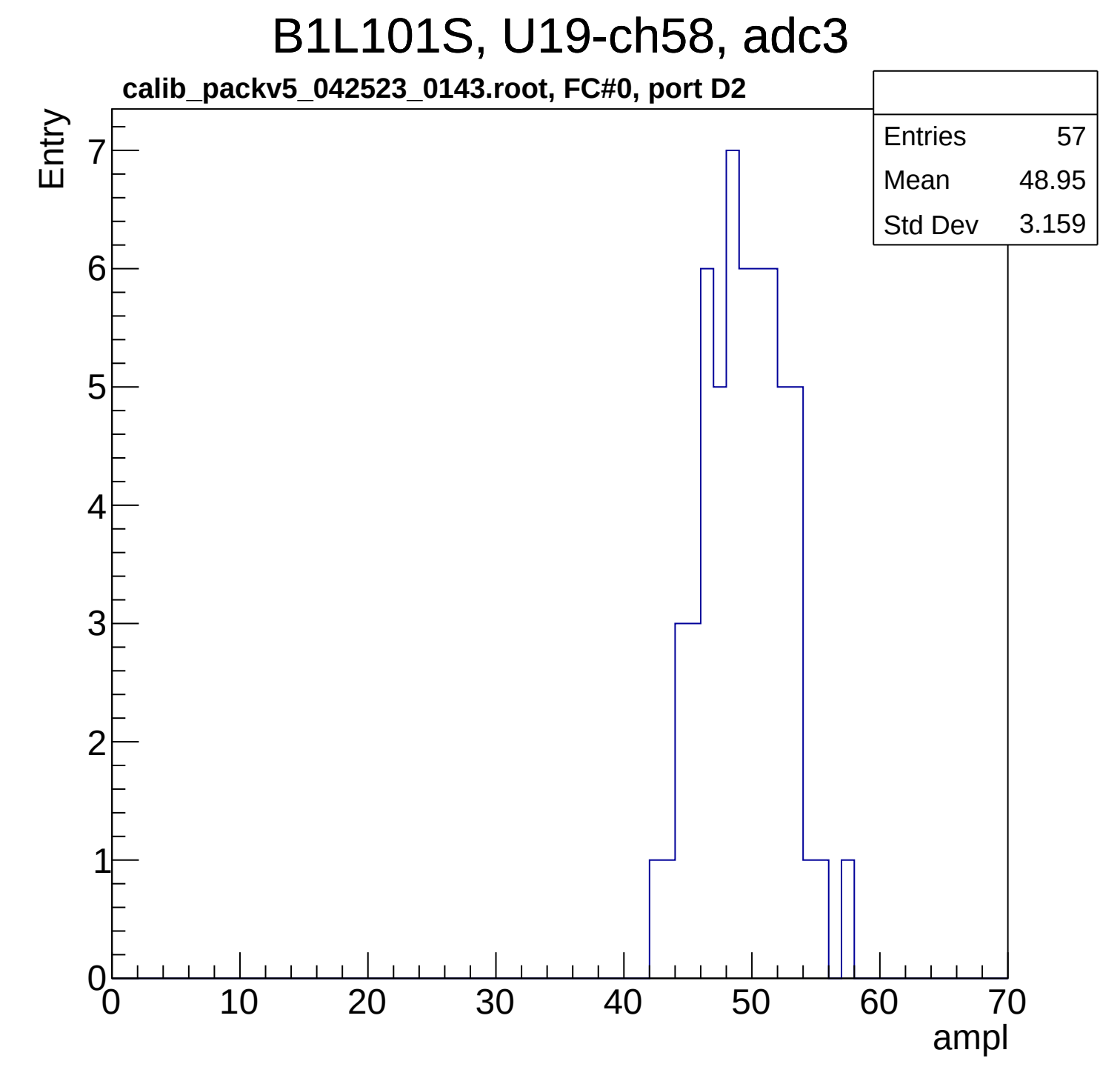
B1L101S, U19-ch58, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 48.95
Std Dev 3.159
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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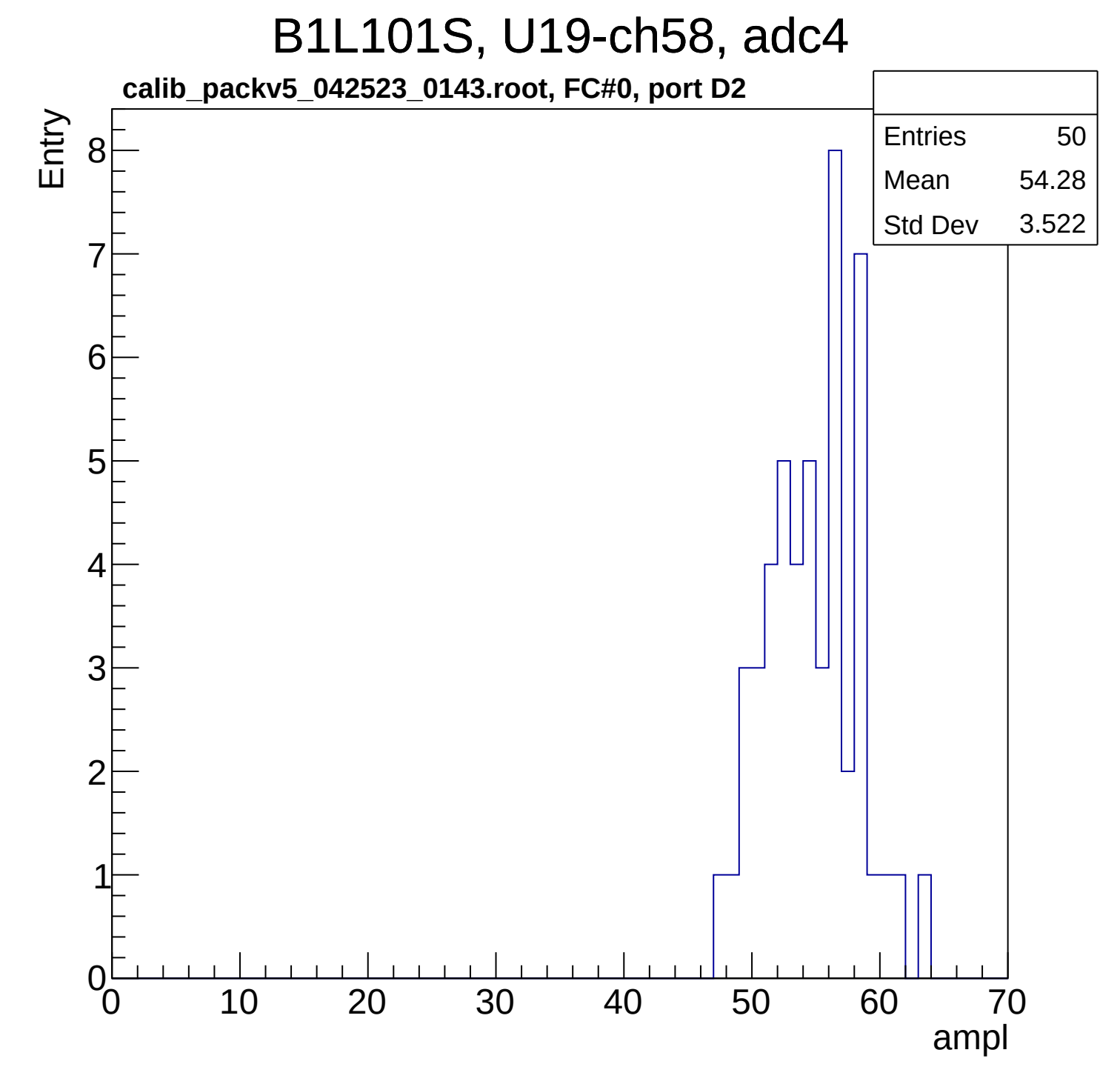
B1L101S, U19-ch58, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 54.28
Std Dev 3.522
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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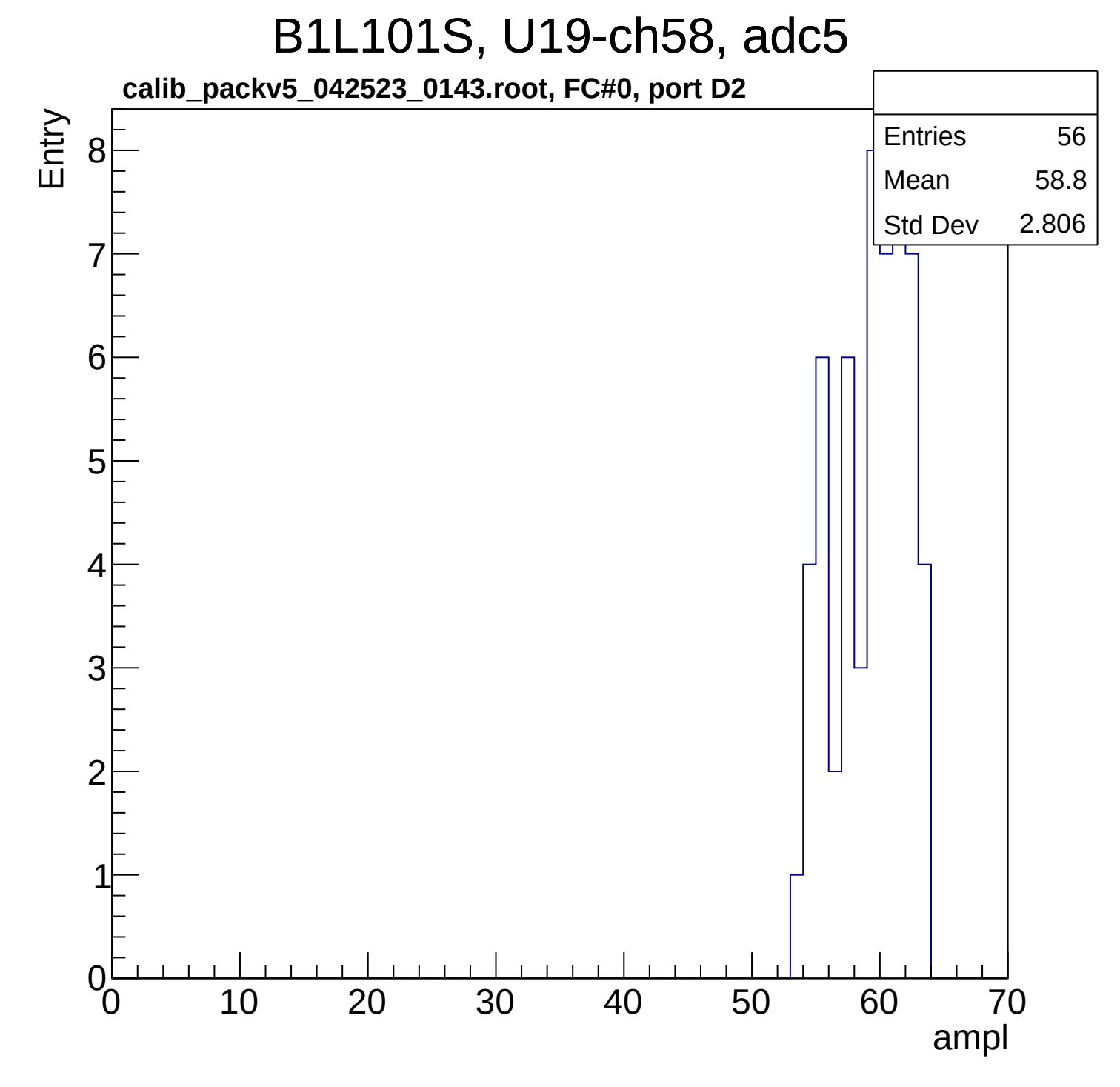
B1L101S, U19-ch58, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 58.8
Std Dev 2.806
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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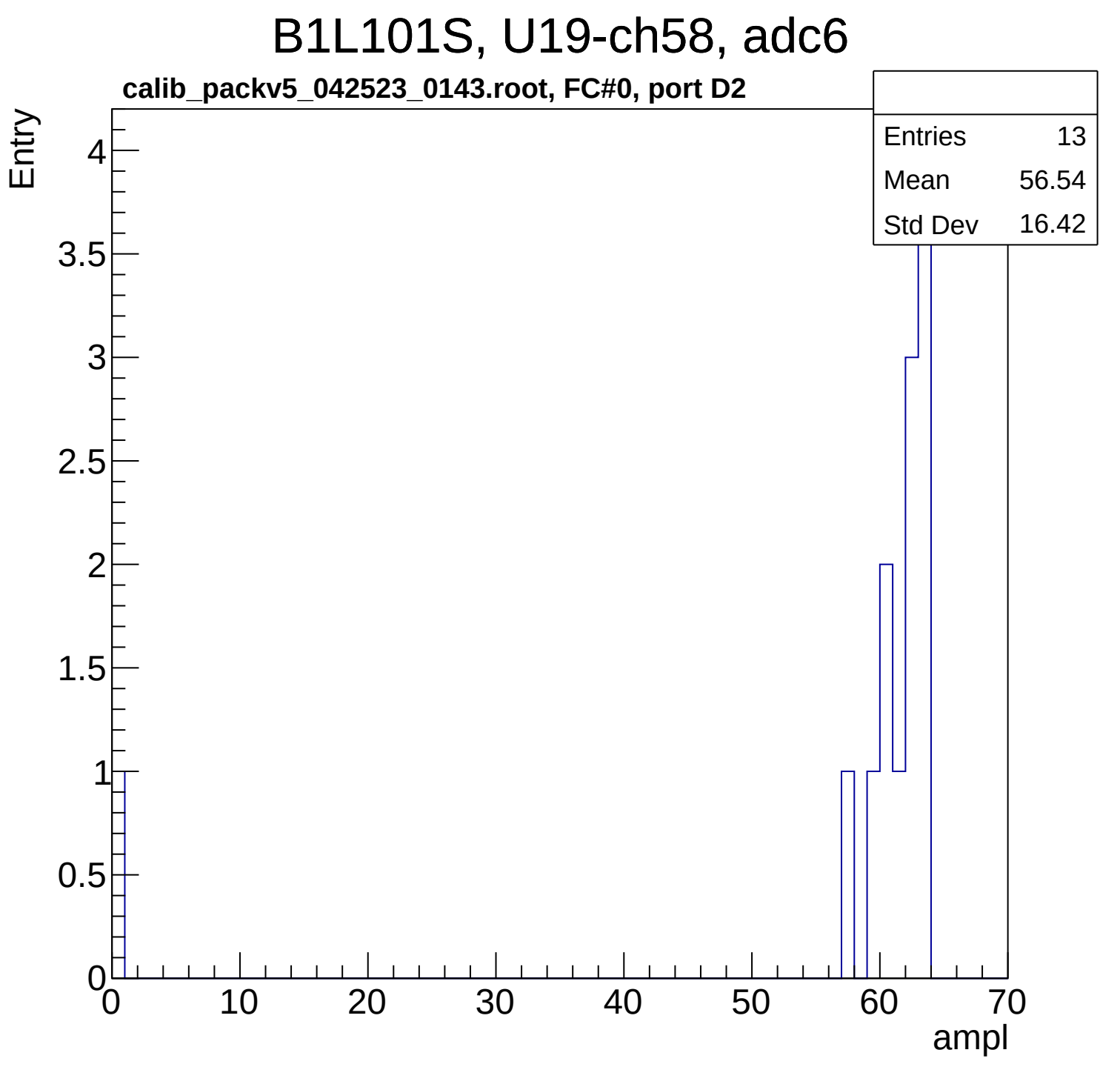
B1L101S, U19-ch58, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 13
Mean 56.54
Std Dev 16.42
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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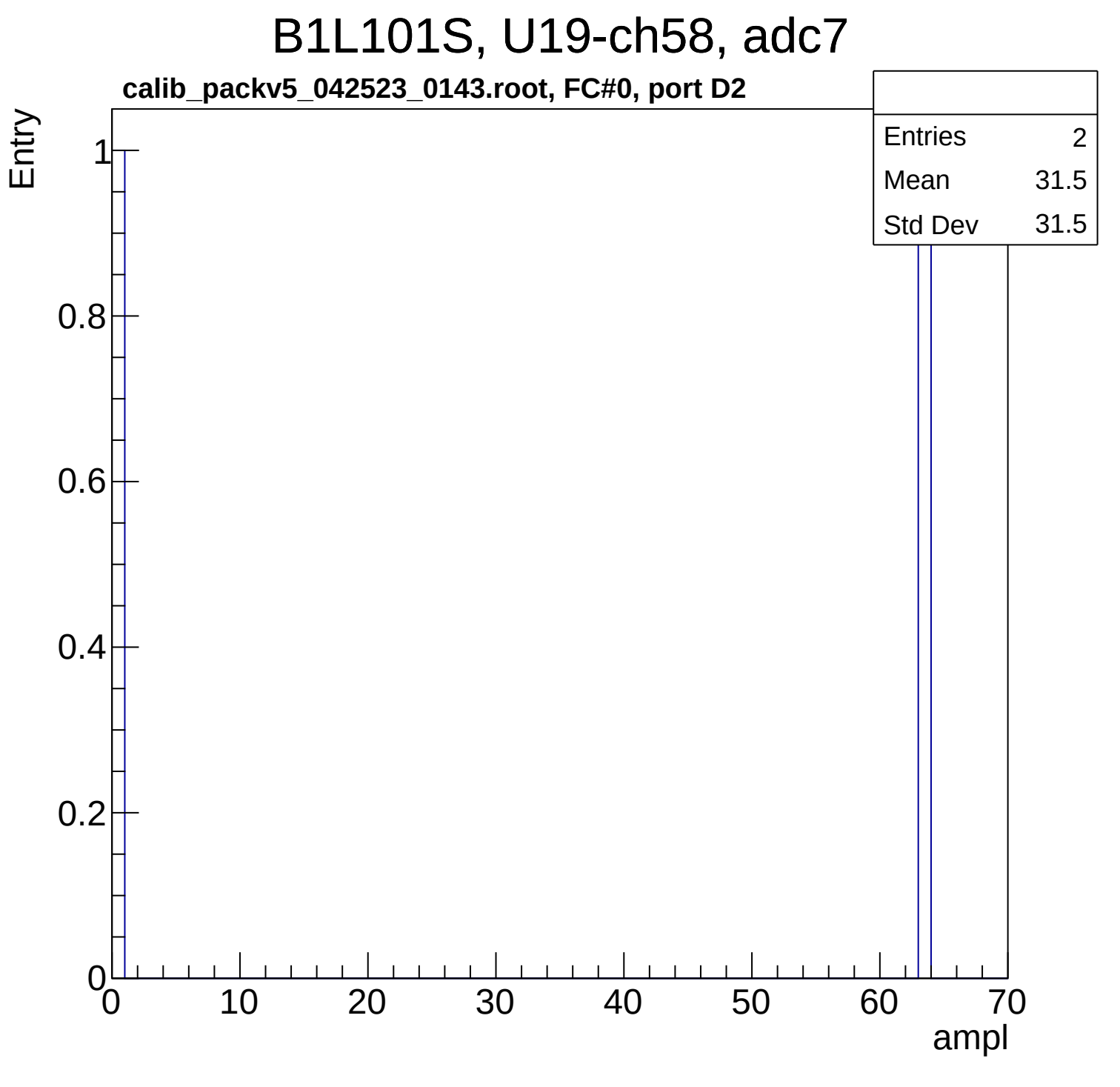
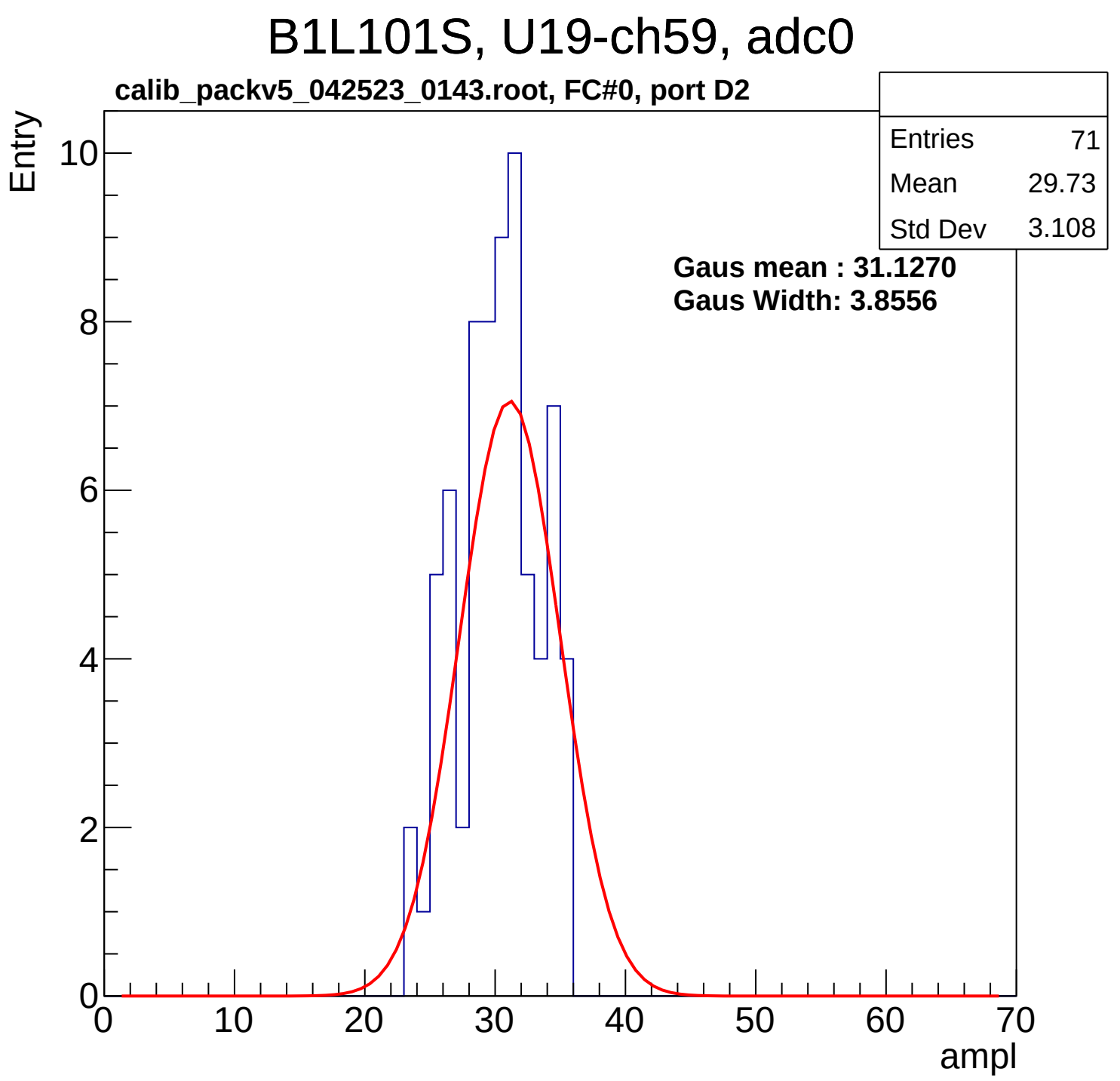
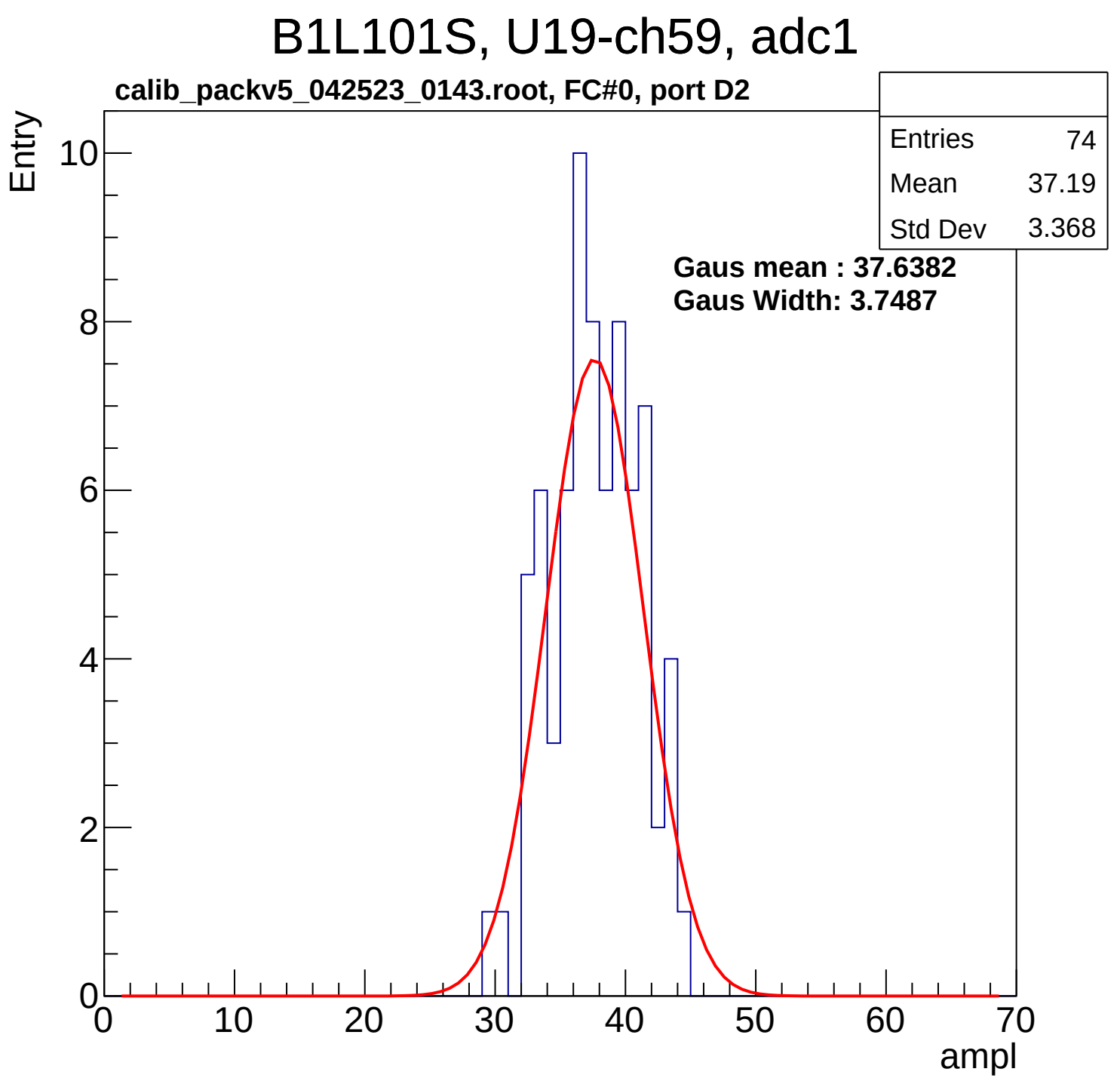
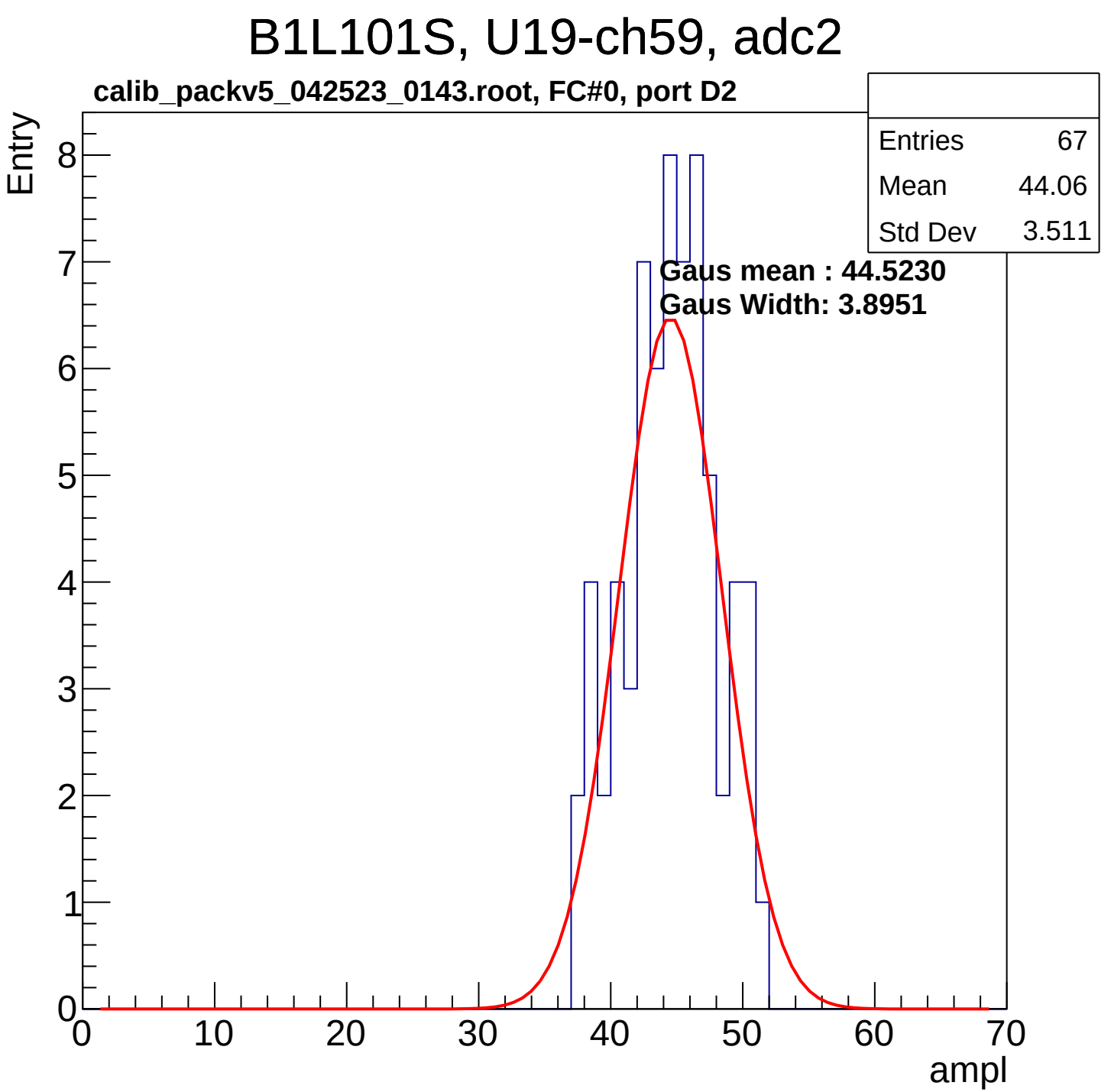
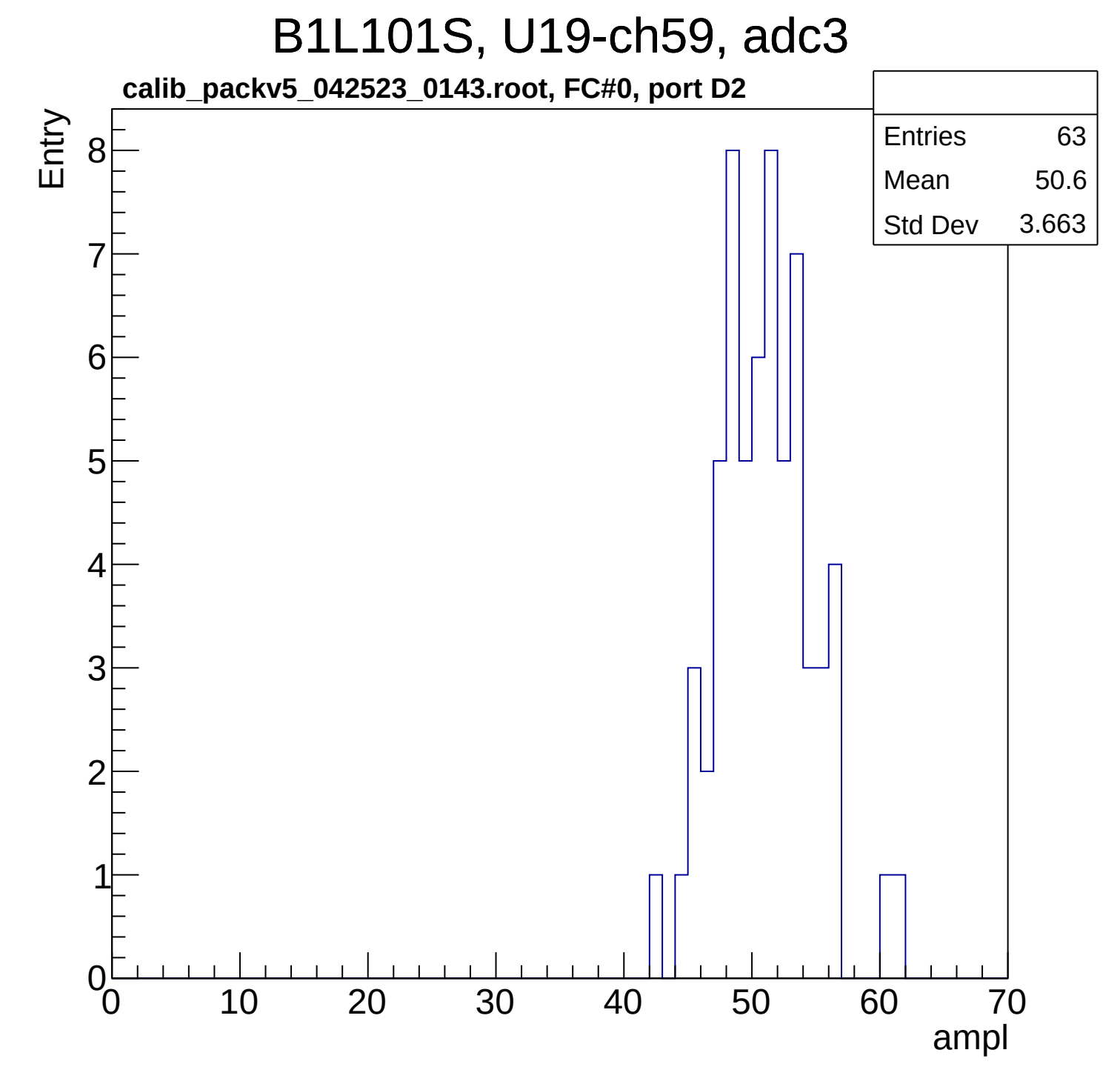

B1L101S, U19-ch58, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch59, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 29.73
Std Dev 3.108
Gaus mean : 31.1270
Gaus Width: 3.8556
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch59, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 37.19
Std Dev 3.368
Gaus mean : 37.6382
Gaus Width: 3.7487
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch59, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 44.06
Std Dev 3.511
Gaus mean : 44.5230
Gaus Width: 3.8951
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch59, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 50.6
Std Dev 3.663
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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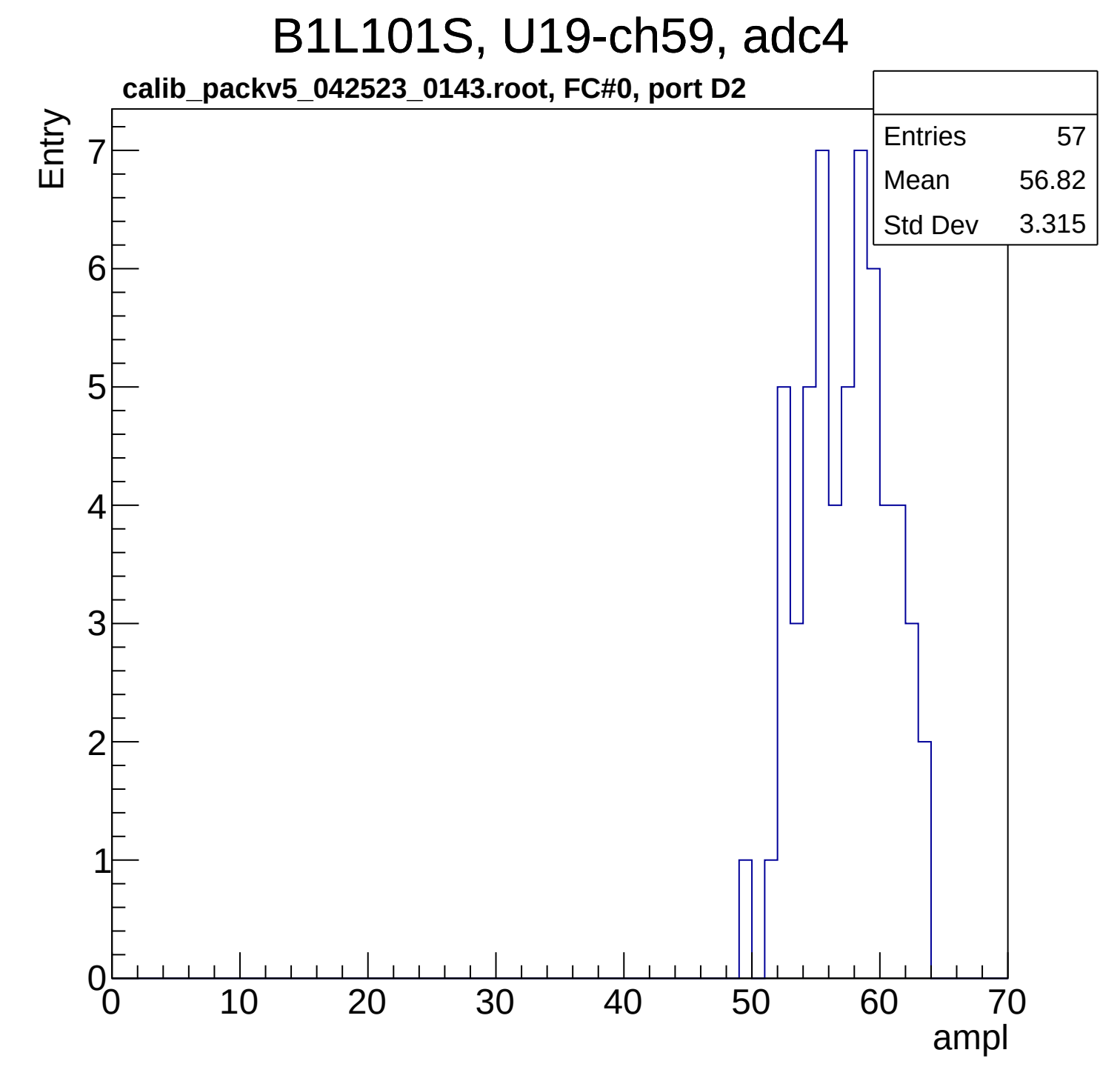
B1L101S, U19-ch59, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 56.82
Std Dev 3.315
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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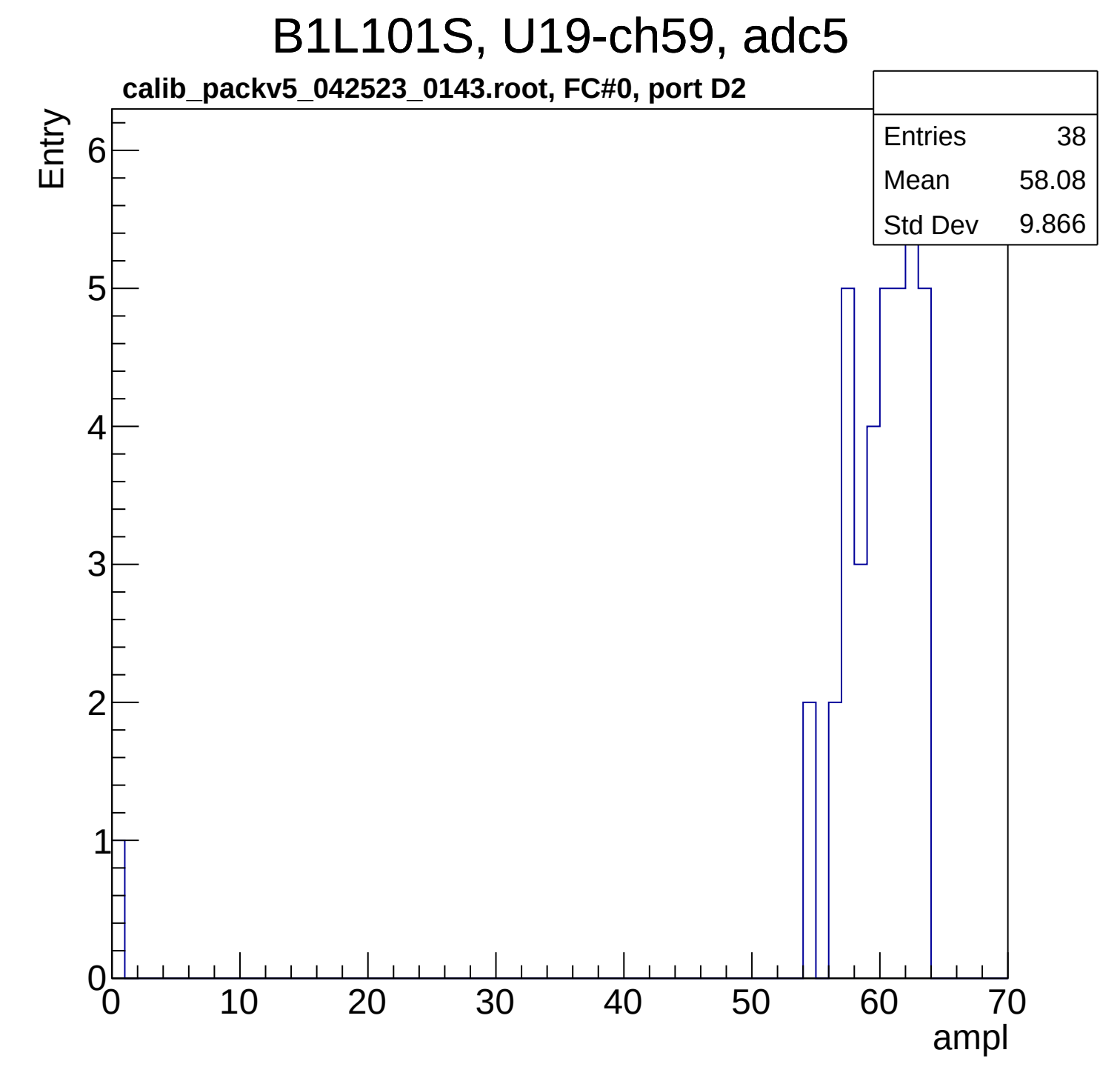
B1L101S, U19-ch59, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 58.08
Std Dev 9.866
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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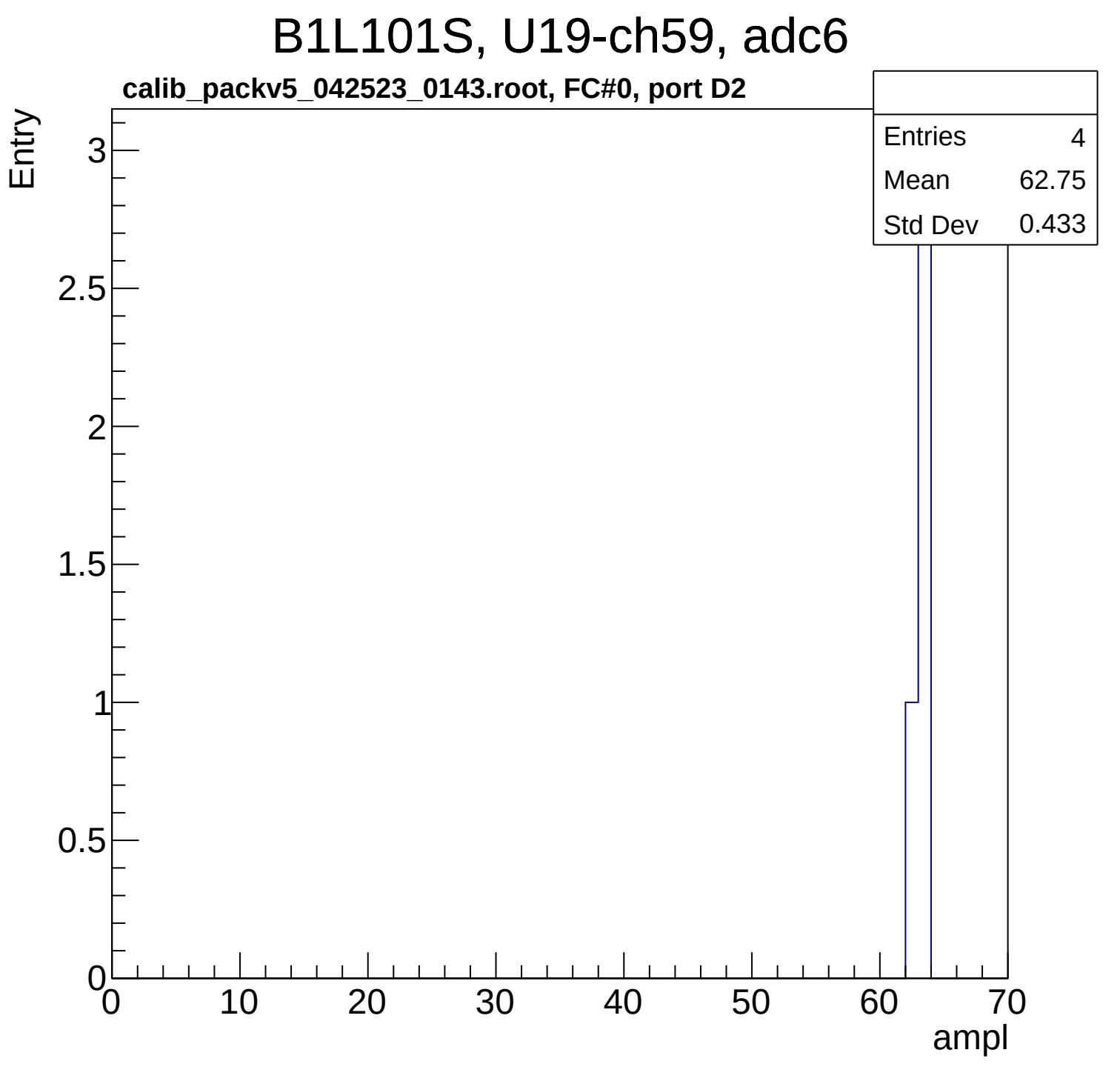
B1L101S, U19-ch59, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
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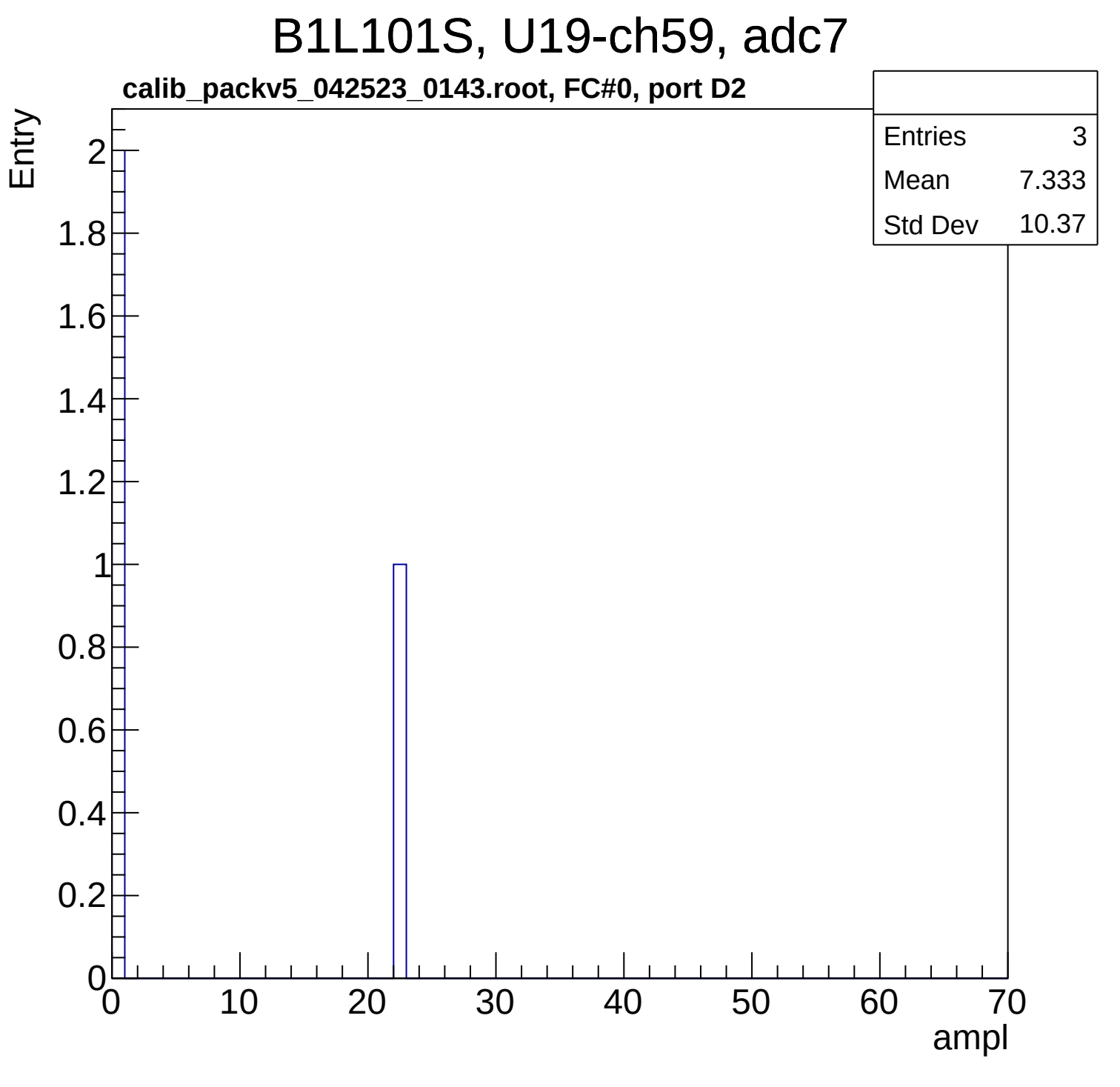
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch59, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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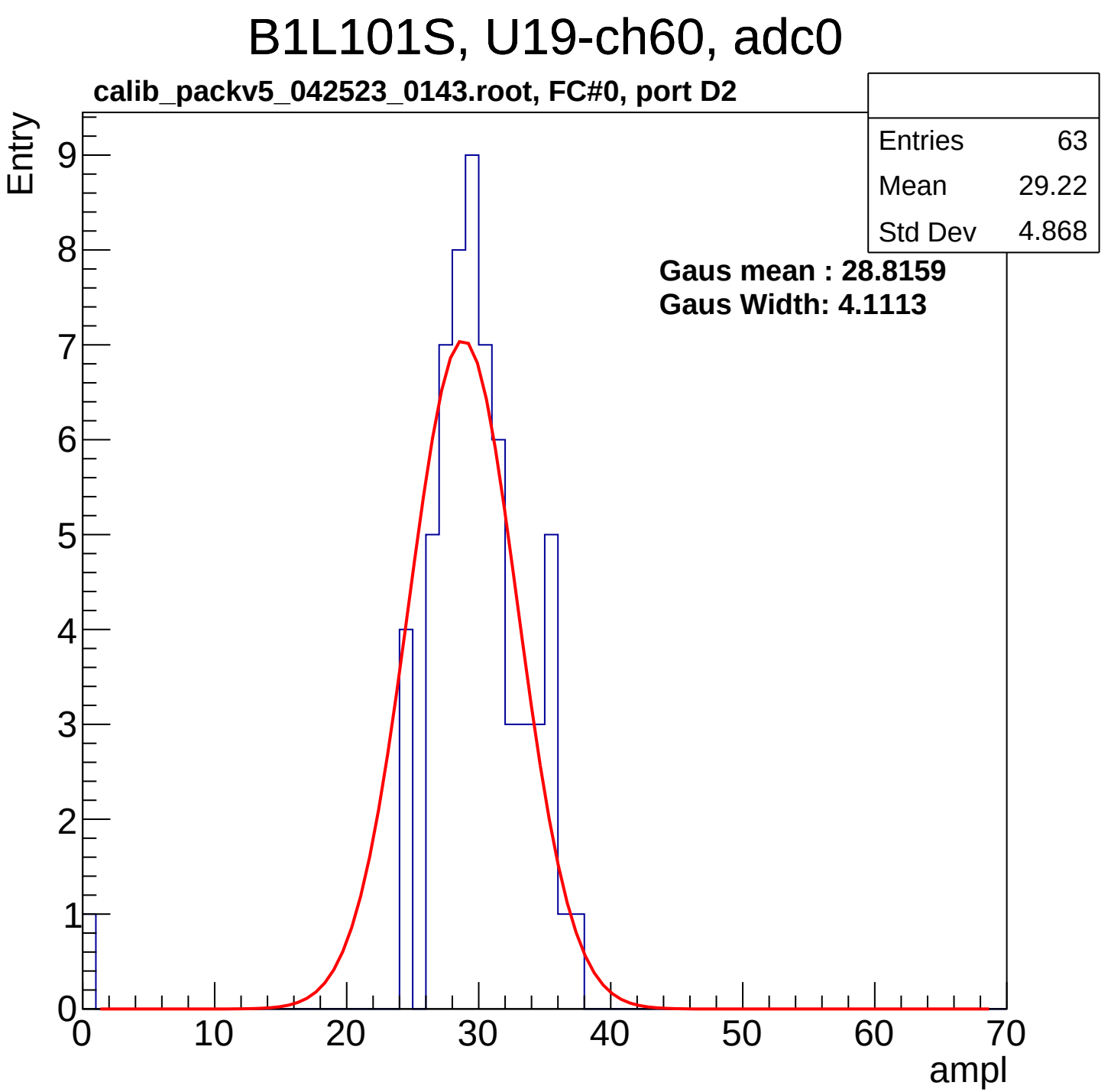
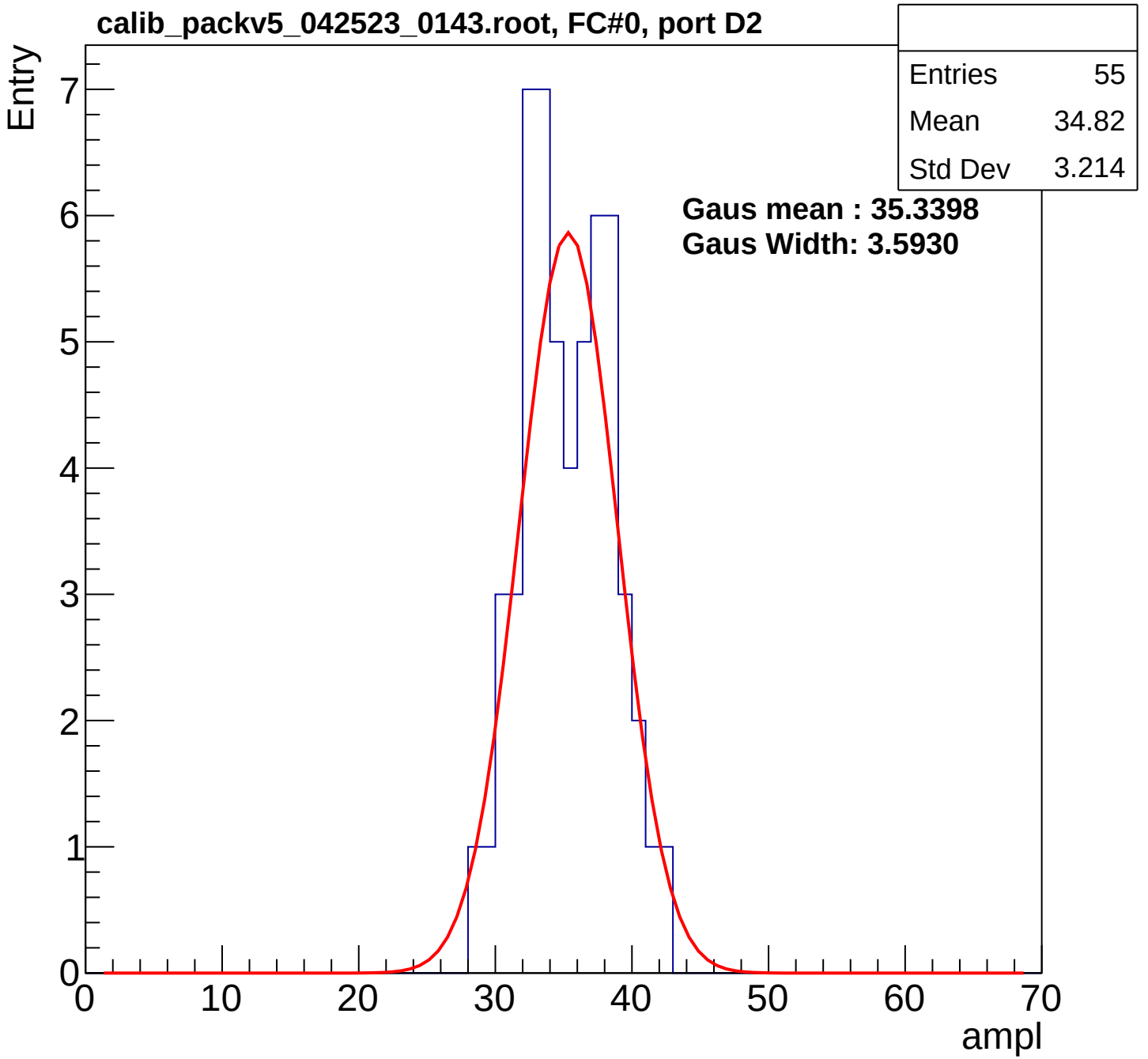
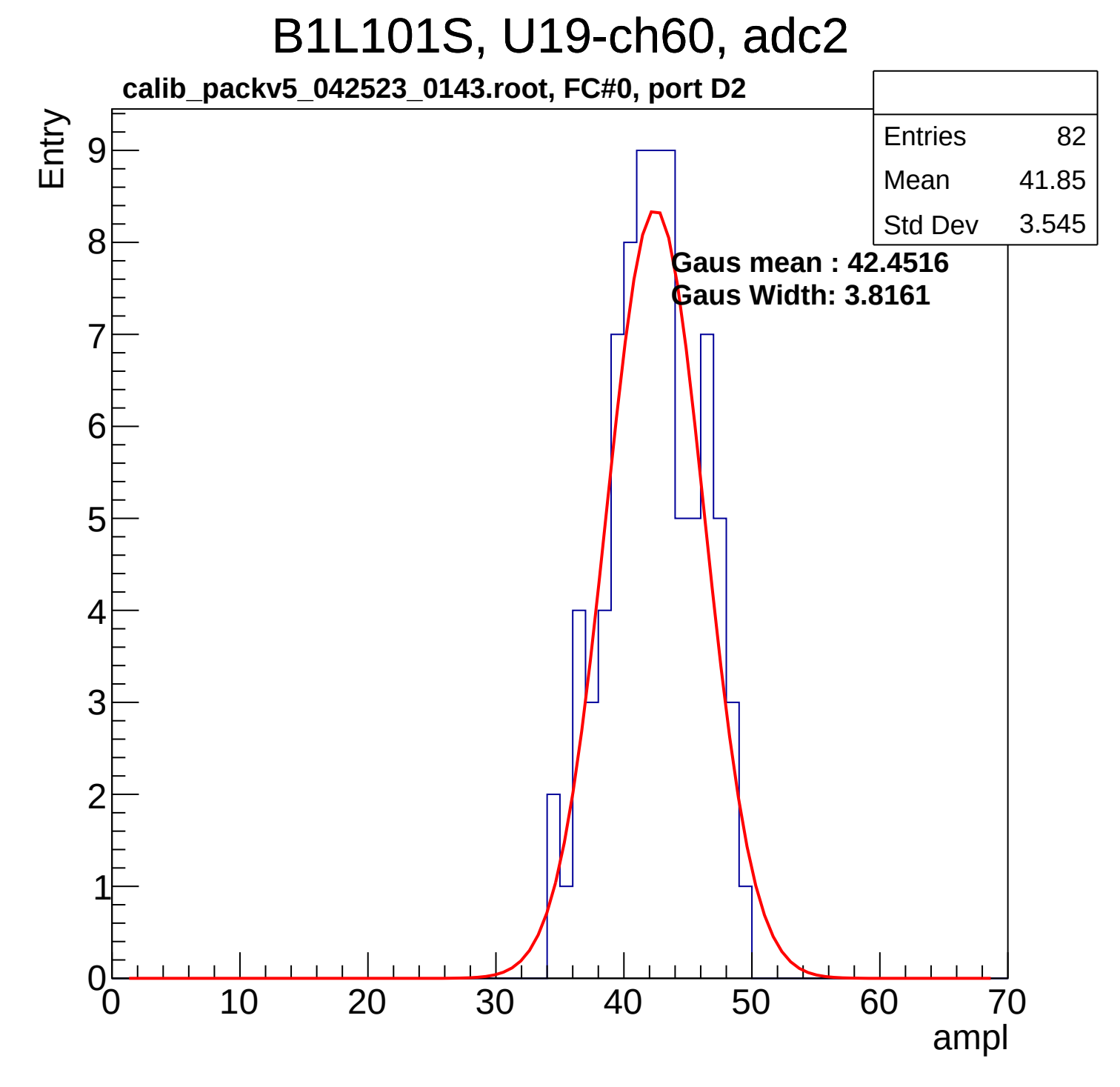

B1L101S, U19-ch60, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 29.22
Std Dev 4.868
Gaus mean : 28.8159
Gaus Width: 4.1113
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch60, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 34.82
Std Dev 3.214
Gaus mean : 35.3398
Gaus Width: 3.5930
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch60, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 41.85
Std Dev 3.545
Gaus mean : 42.4516
Gaus Width: 3.8161
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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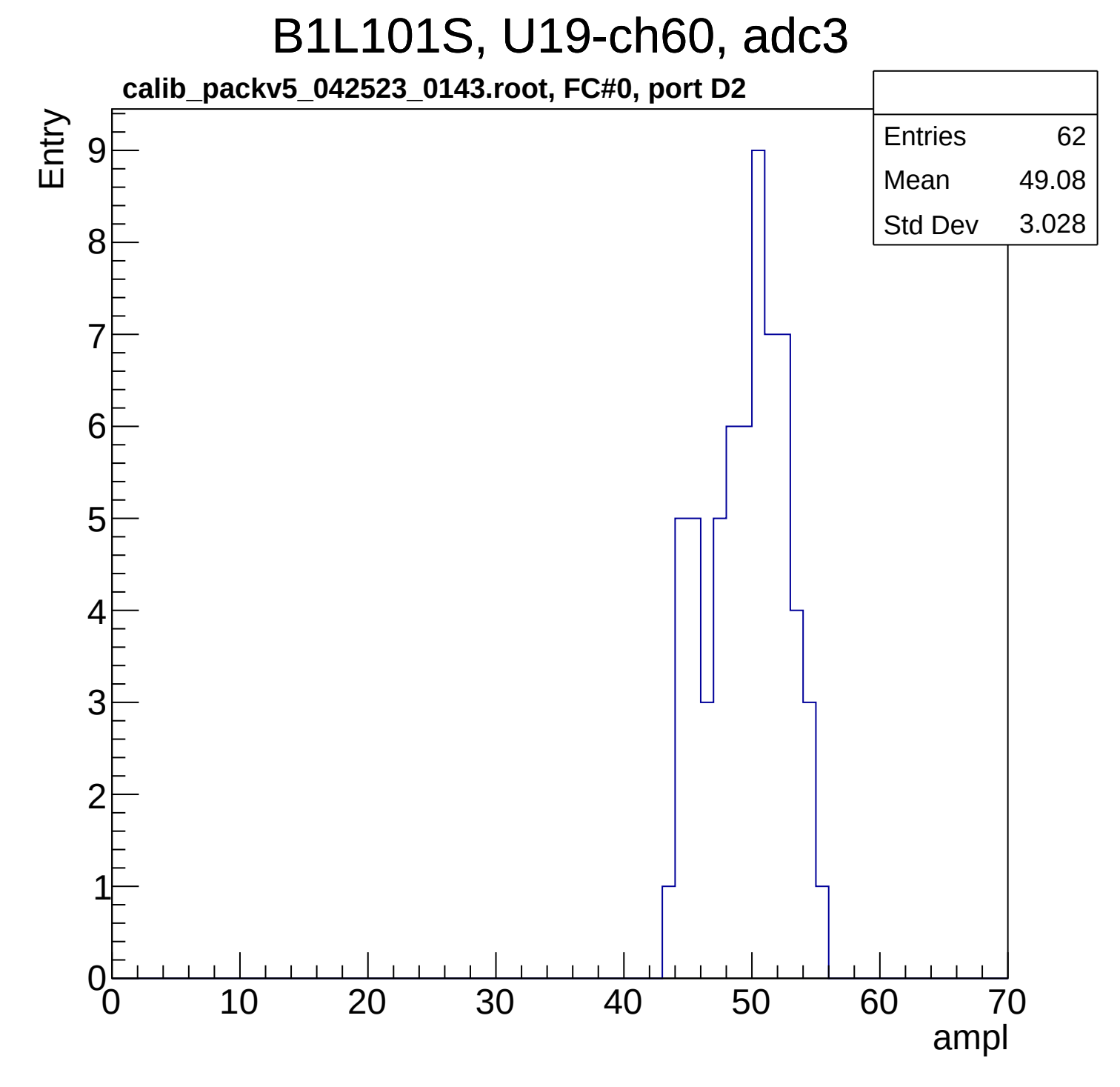
B1L101S, U19-ch60, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 49.08
Std Dev 3.028
Entry
ampl
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6
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0
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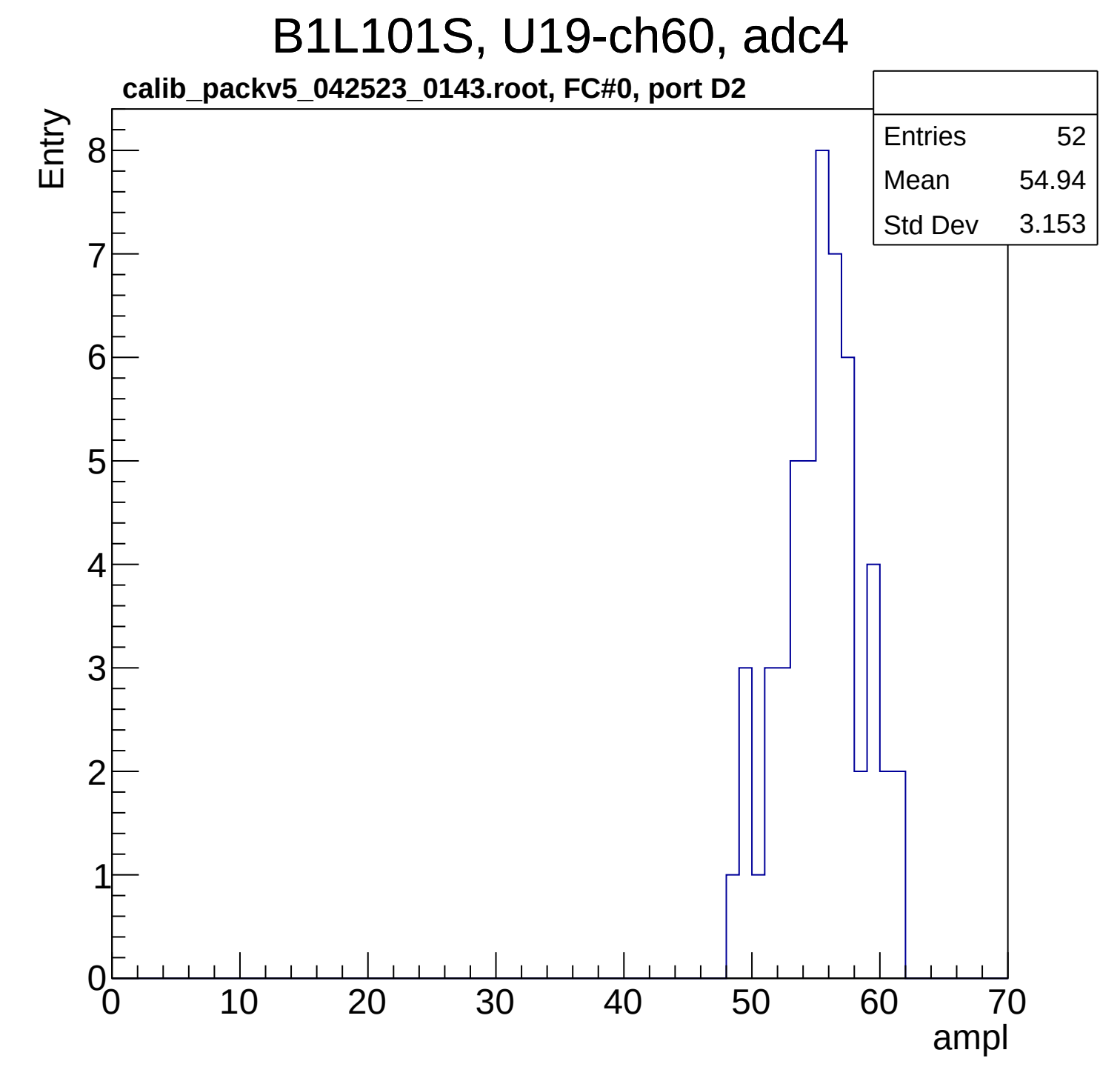
B1L101S, U19-ch60, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 54.94
Std Dev 3.153
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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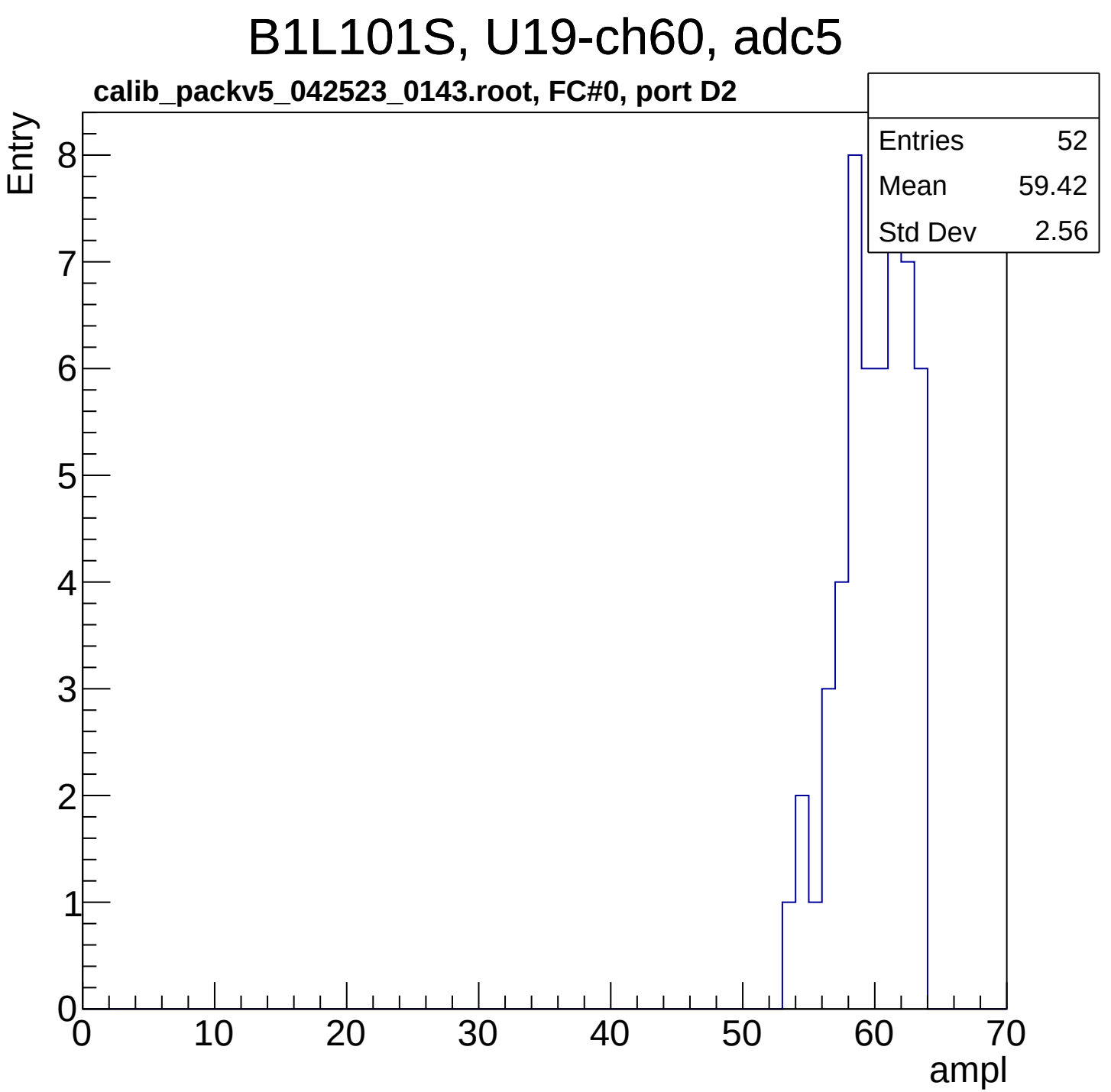
B1L101S, U19-ch60, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 59.42
Std Dev 2.56
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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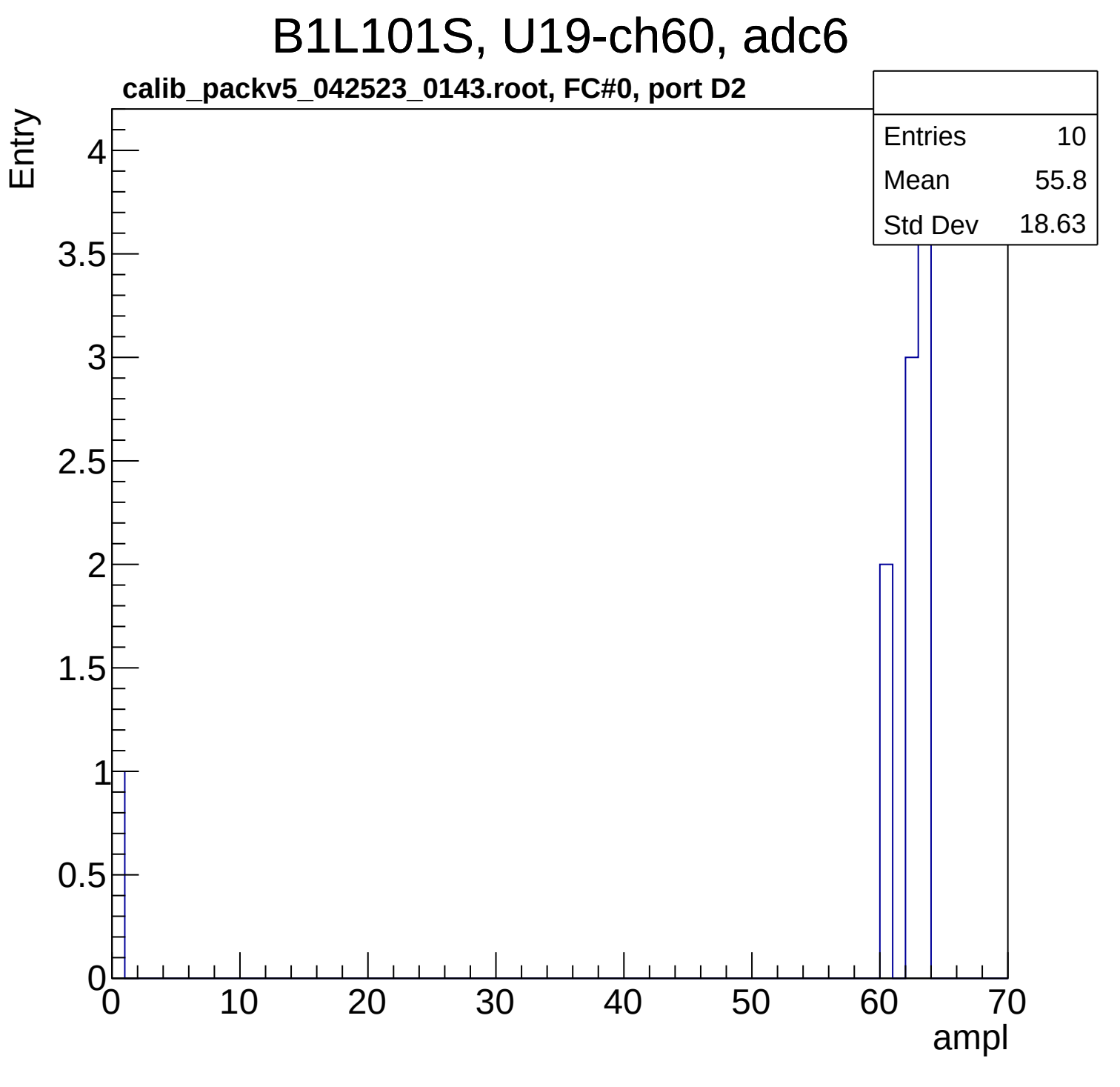
B1L101S, U19-ch60, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 55.8
Std Dev 18.63
Entry
ampl
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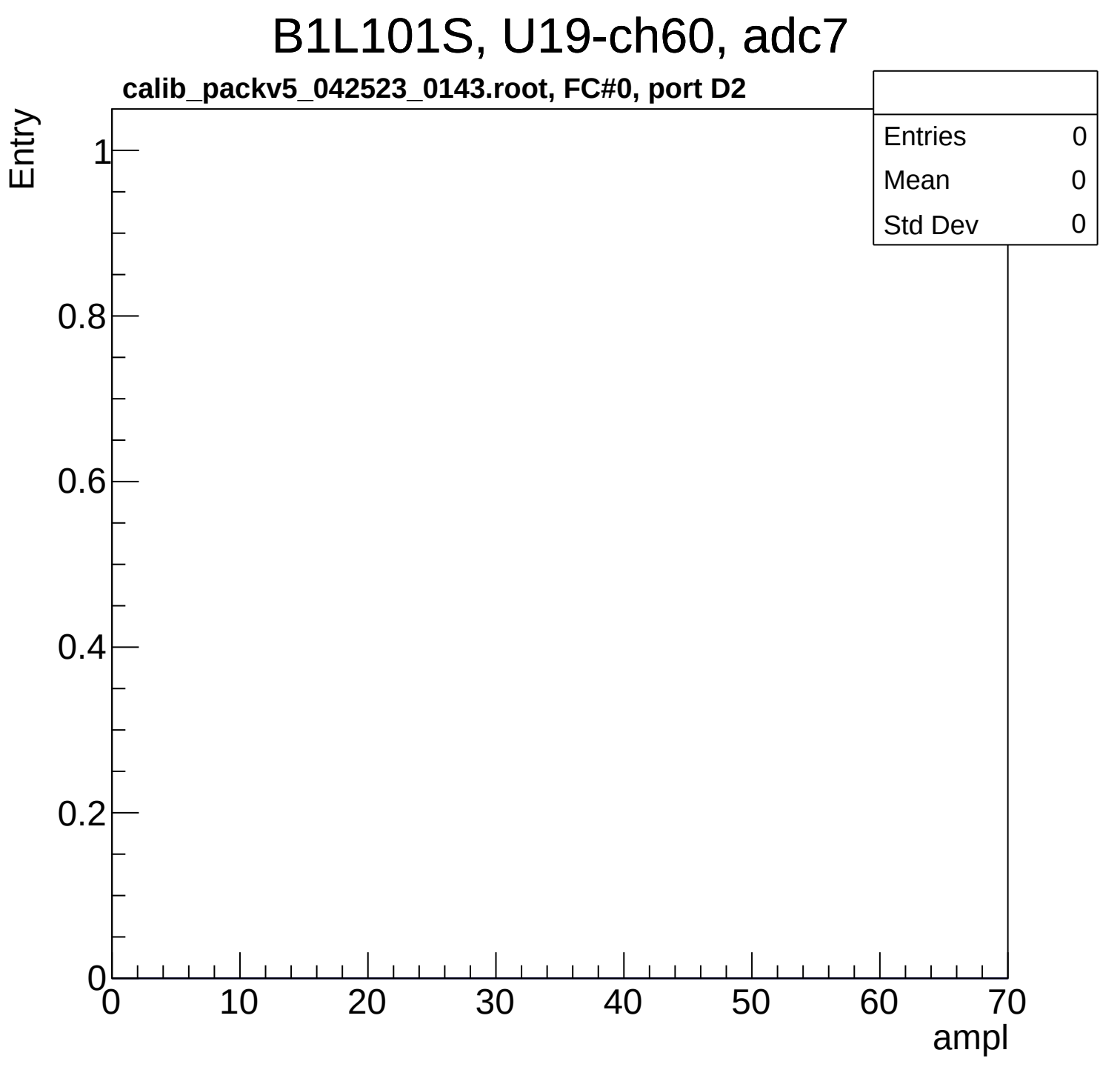
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch60, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
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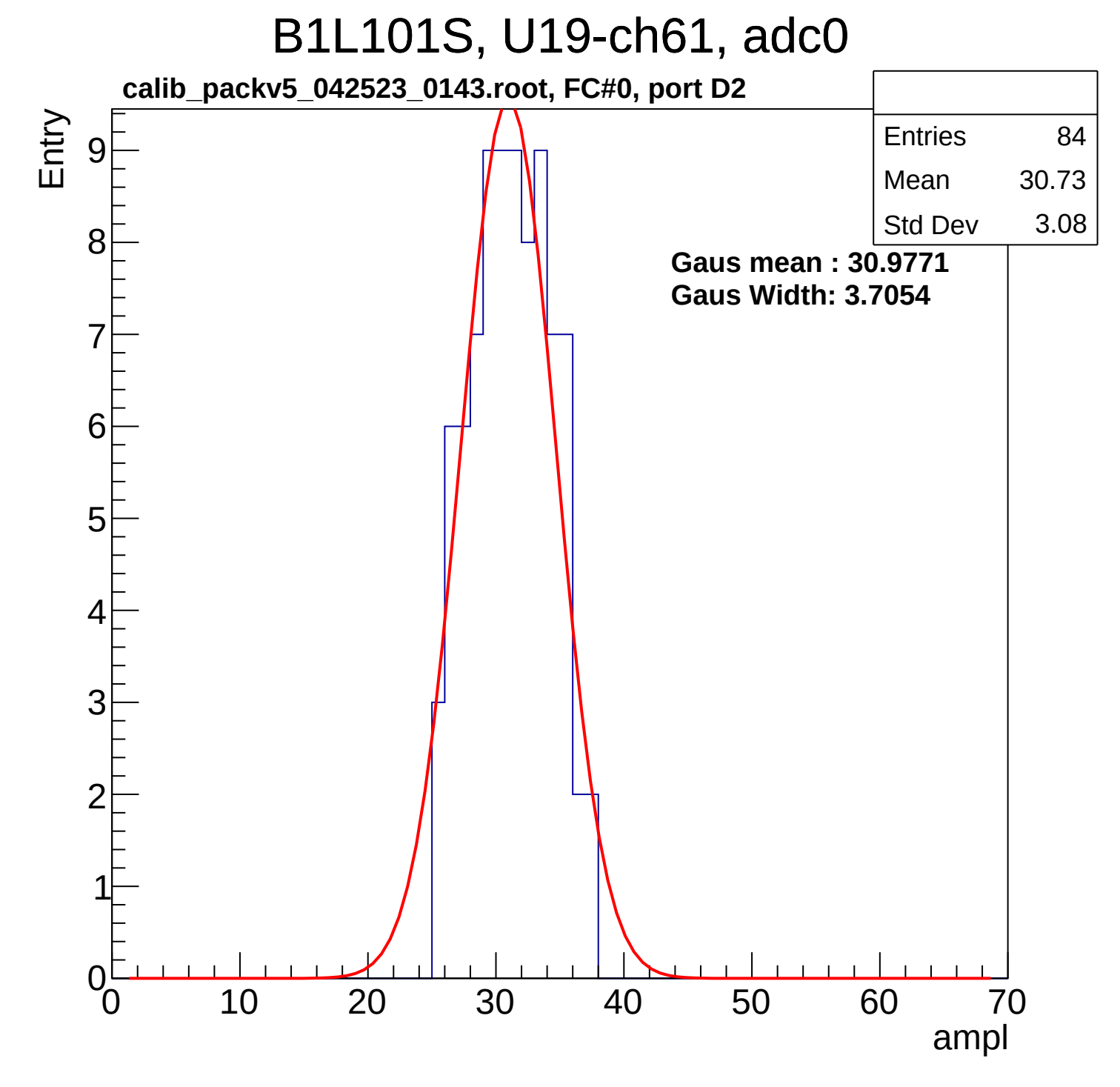
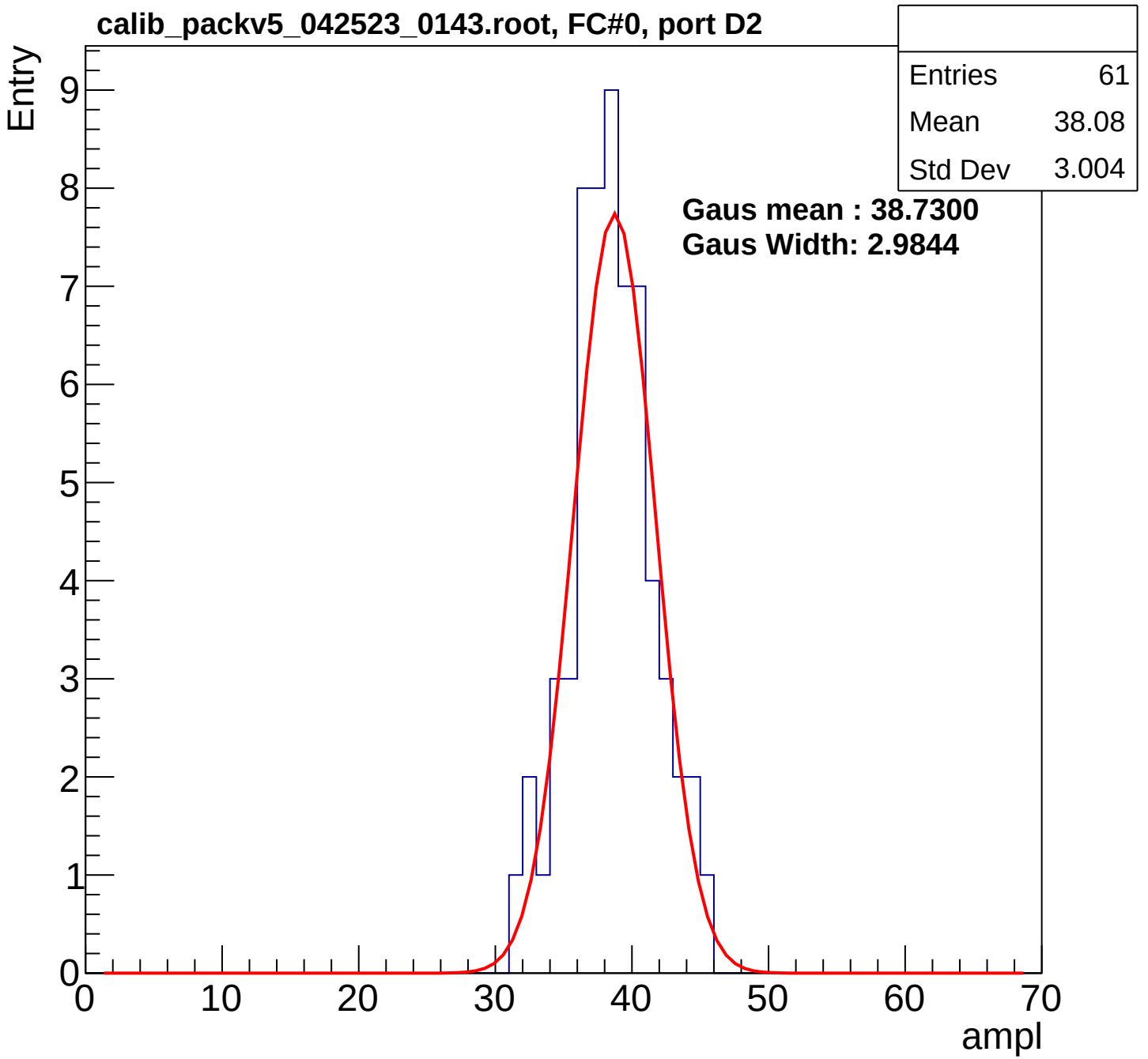
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch61, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 30.73
Std Dev 3.08
Gaus mean : 30.9771
Gaus Width: 3.7054
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch61, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 38.08
Std Dev 3.004
Gaus mean : 38.7300
Gaus Width: 2.9844
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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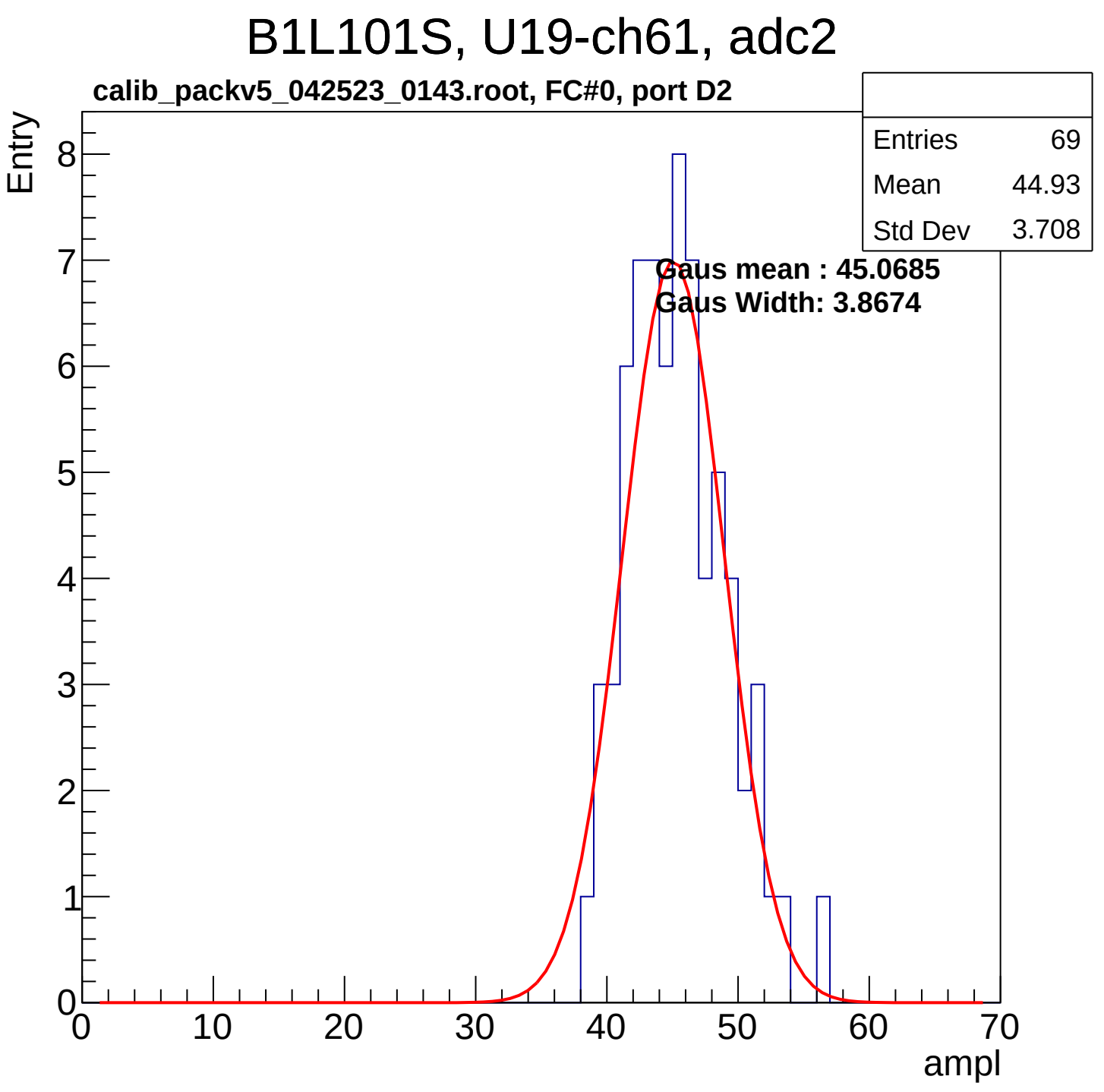
B1L101S, U19-ch61, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 44.93
Std Dev 3.708
Gaus mean : 45.0685
Gaus Width: 3.8674
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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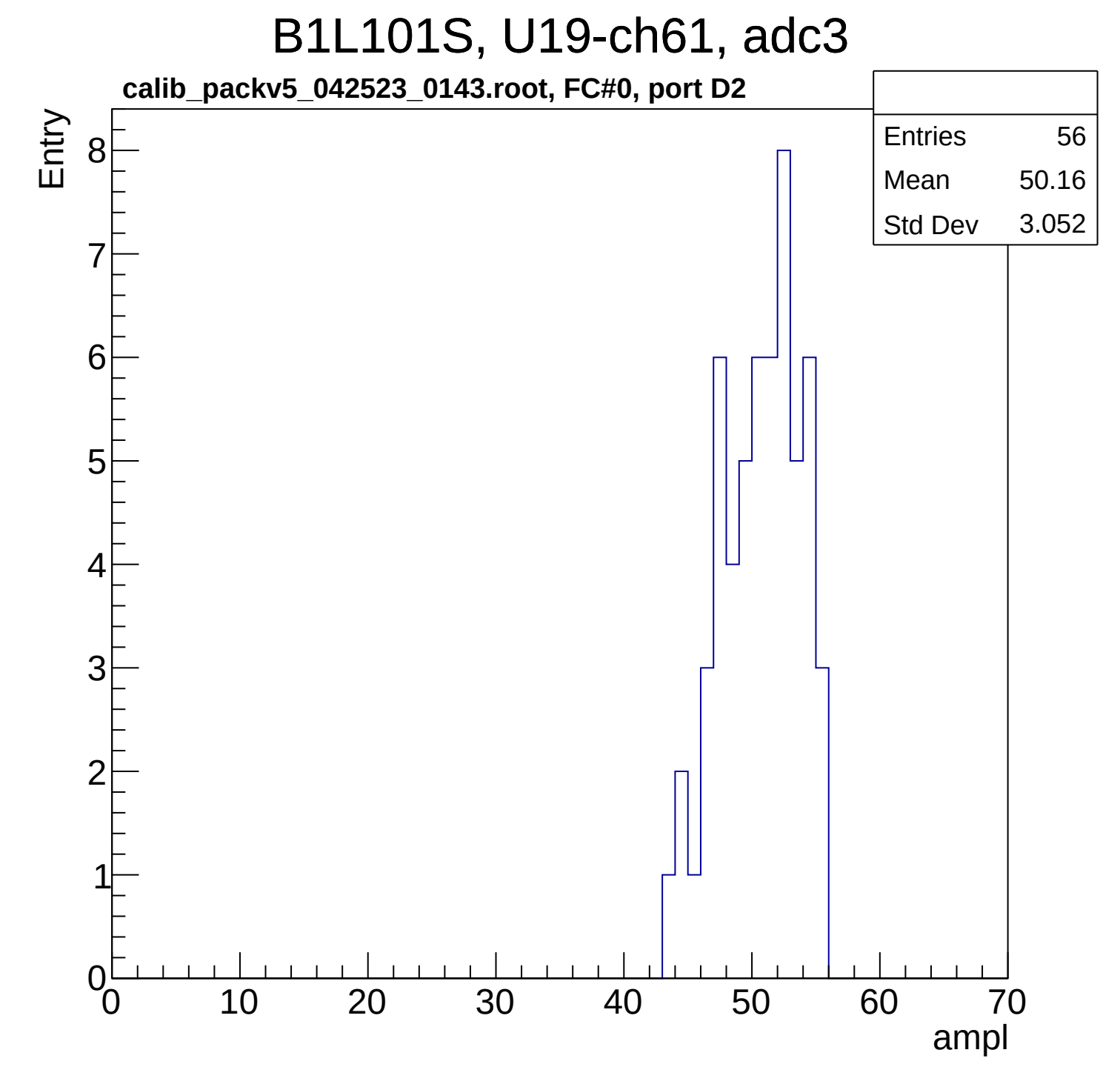
B1L101S, U19-ch61, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 50.16
Std Dev 3.052
Entry
ampl
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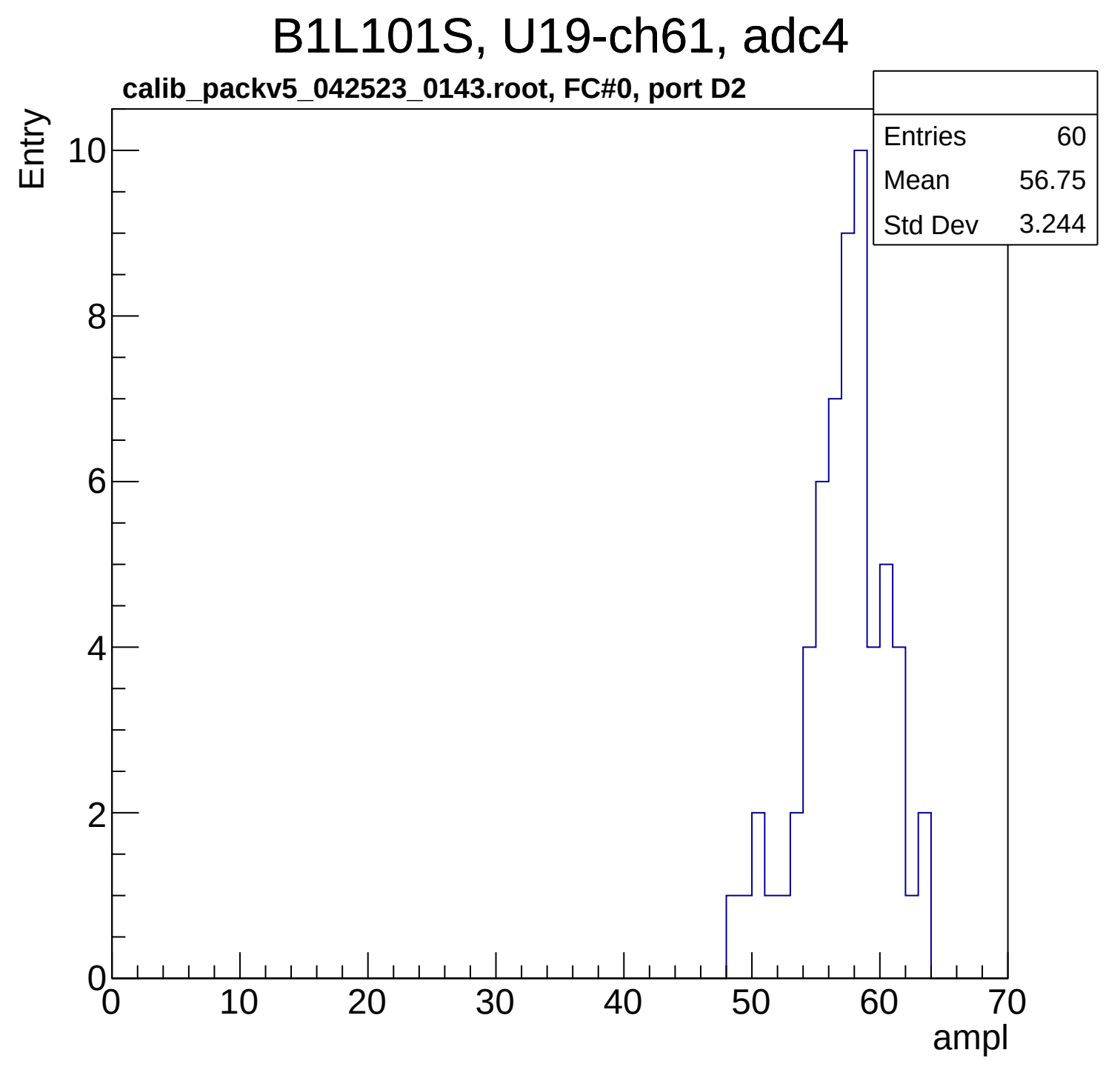
B1L101S, U19-ch61, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 56.75
Std Dev 3.244
Entry
ampl
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2
4
6
8
10
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30
40
50
60
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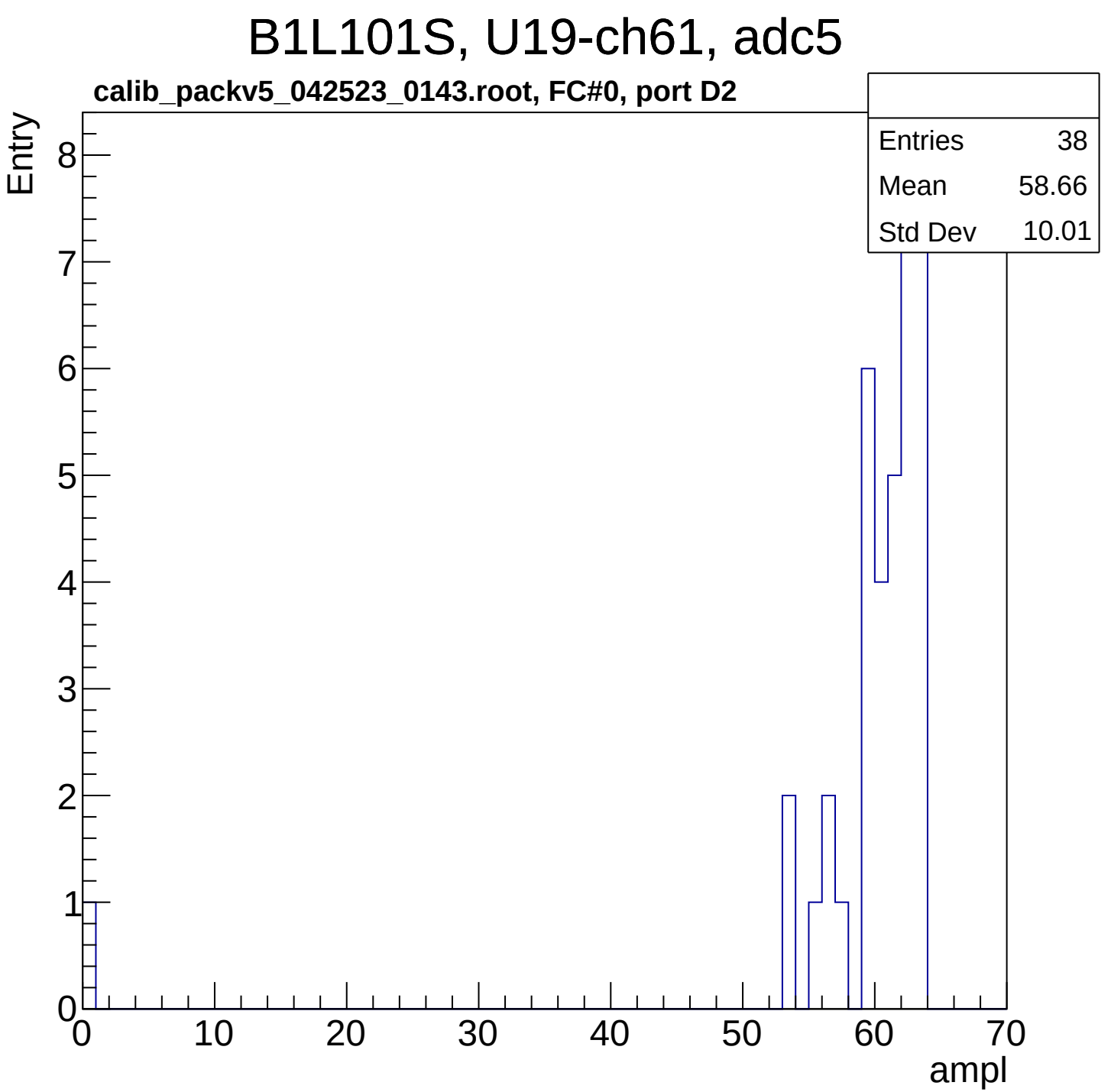
B1L101S, U19-ch61, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 58.66
Std Dev 10.01
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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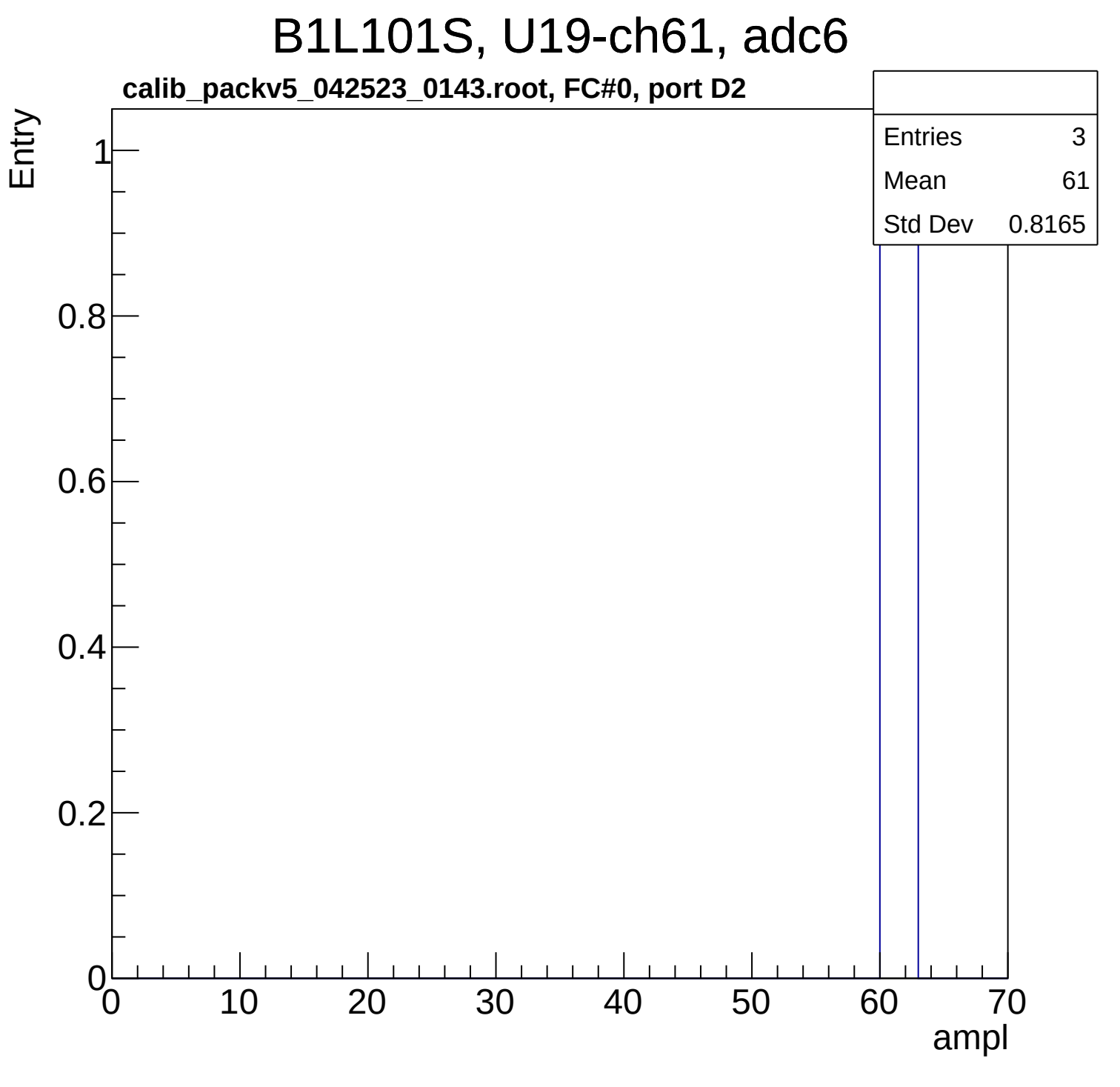
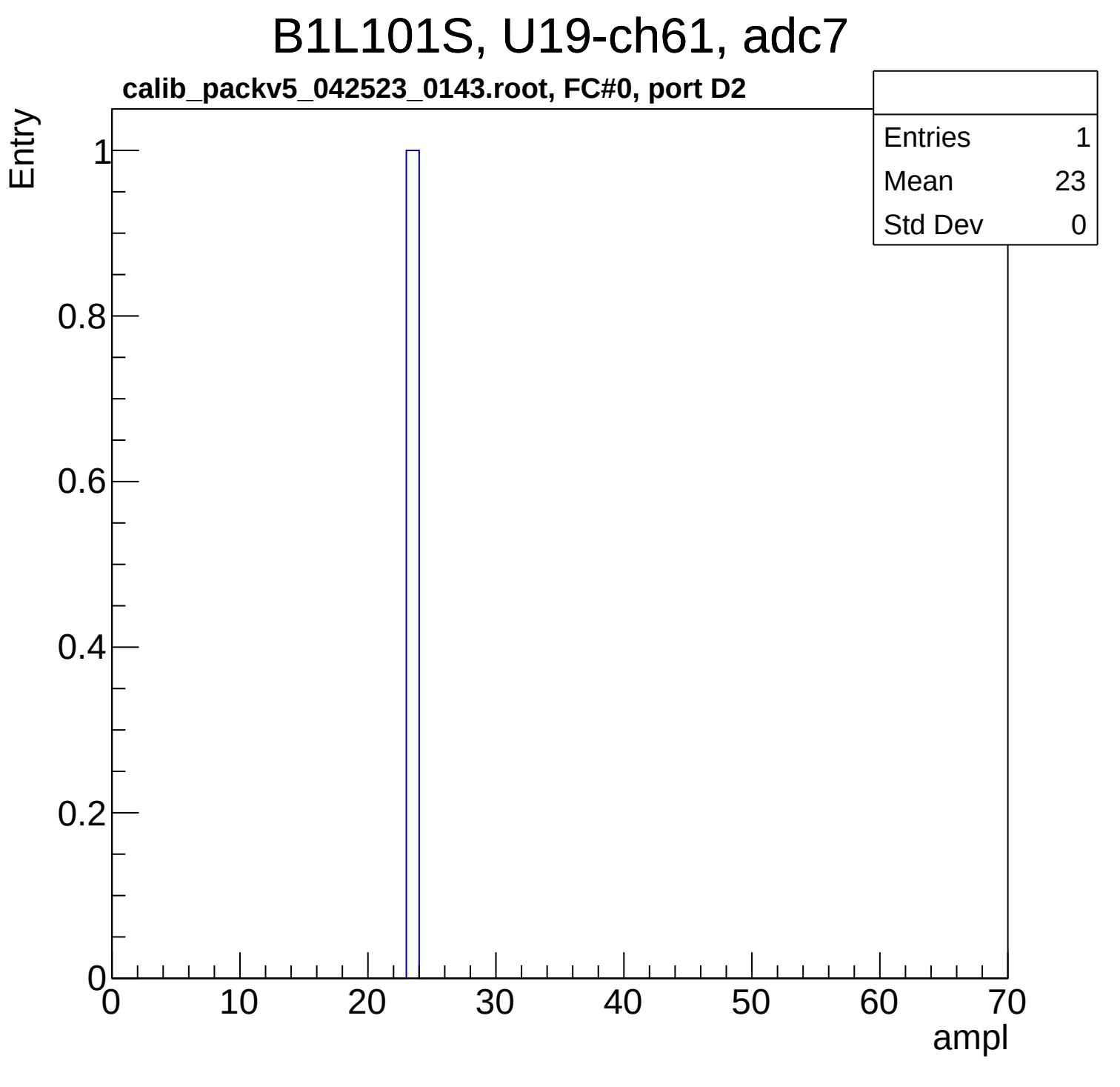

B1L101S, U19-ch61, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 61
Std Dev 0.8165
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch61, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 23
Std Dev 0
Entry
1
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0.6
0.4
0.2
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10
20
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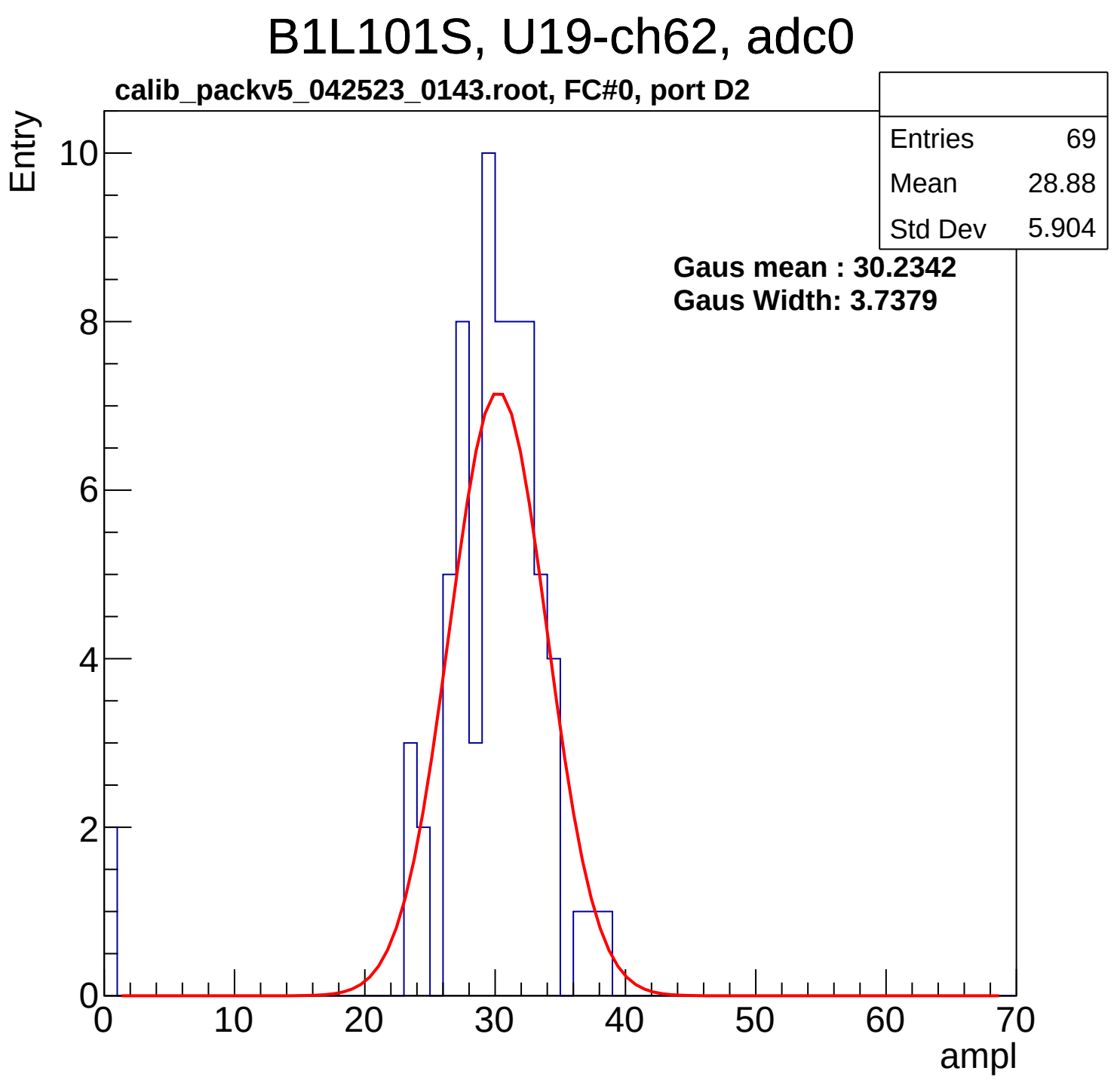
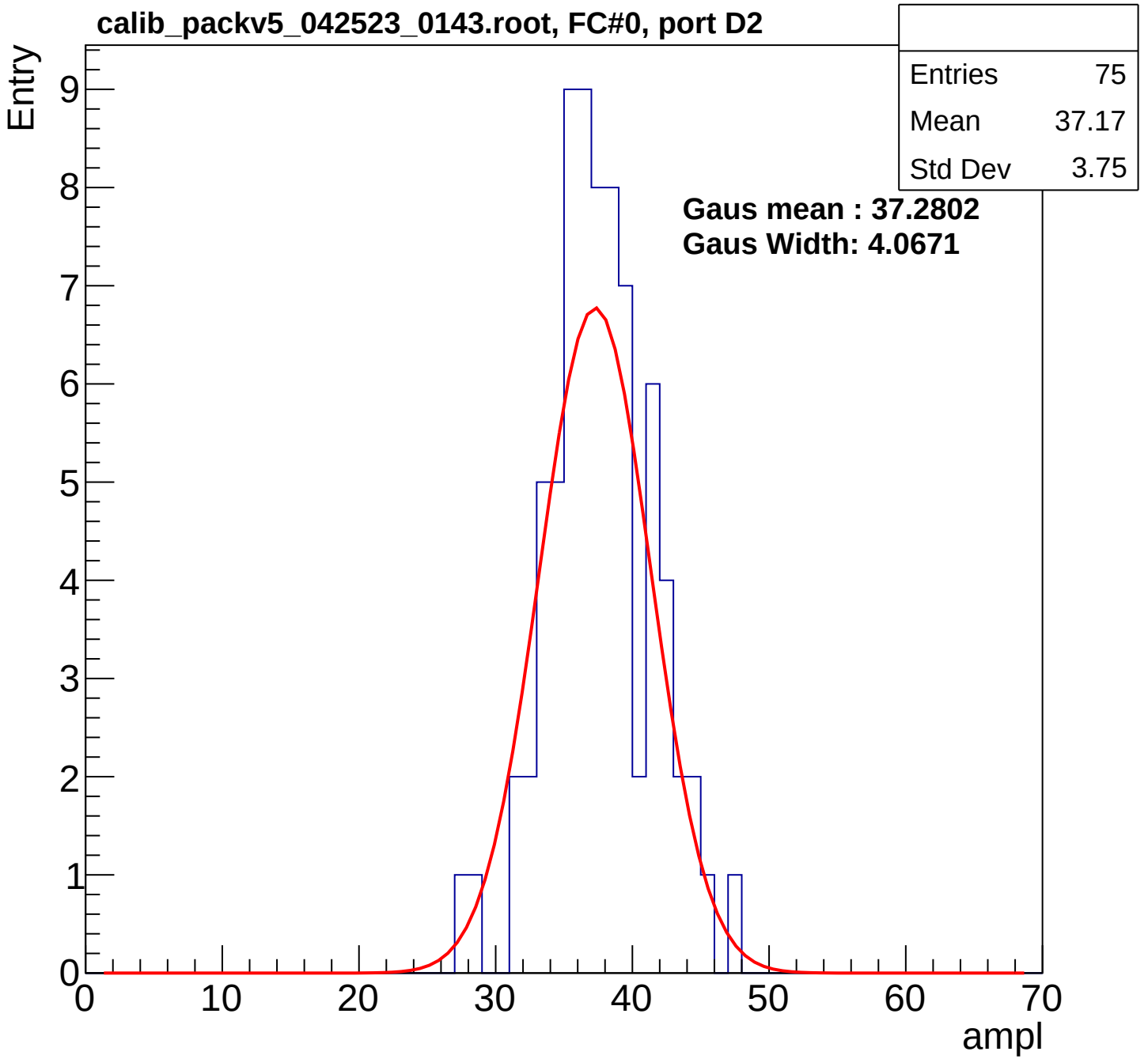
60
70
ampl


B1L101S, U19-ch62, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 28.88
Std Dev 5.904
Gaus mean : 30.2342
Gaus Width: 3.7379
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch62, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 37.17
Std Dev 3.75
Gaus mean : 37.2802
Gaus Width: 4.0671
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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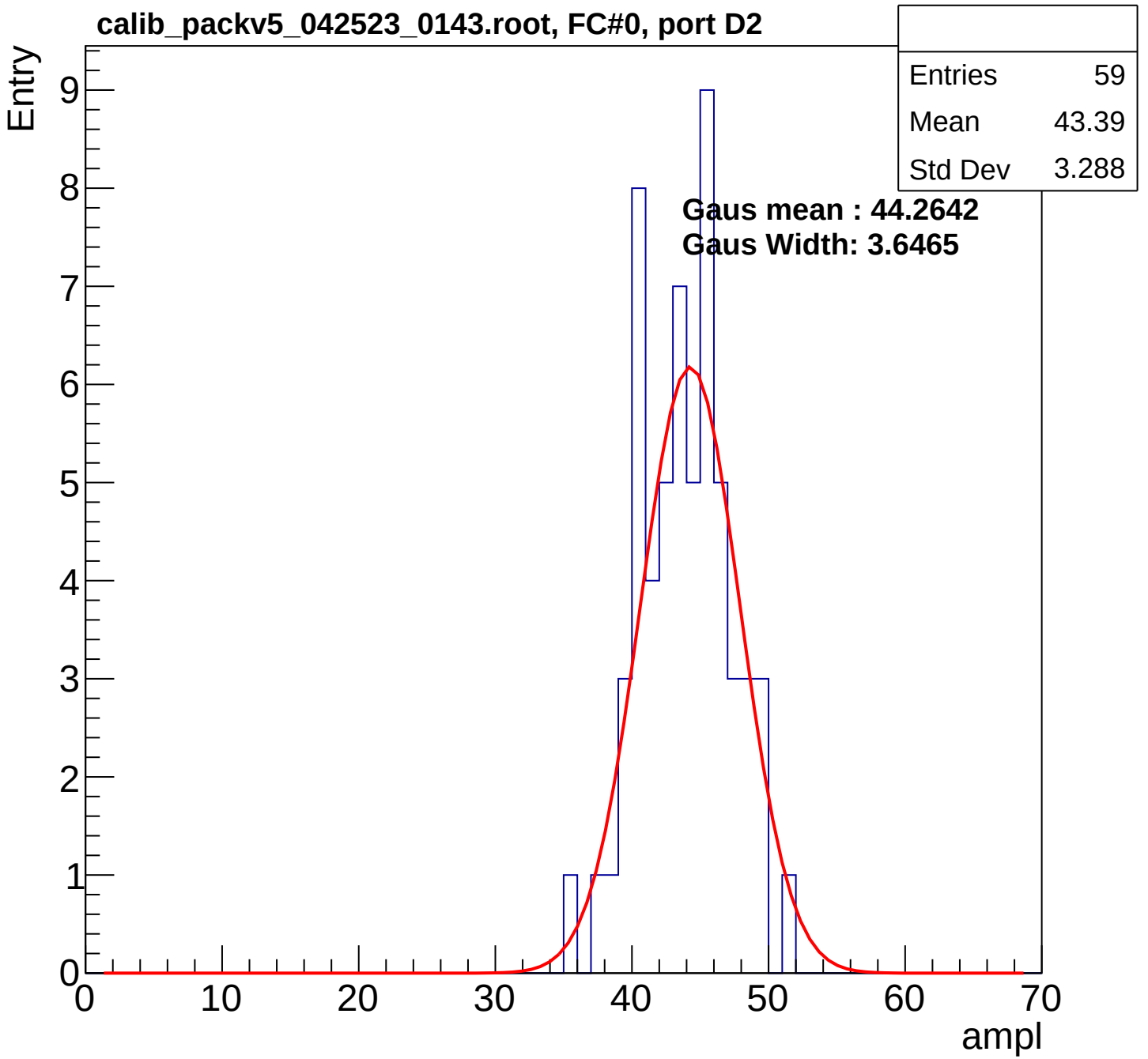
B1L101S, U19-ch62, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 43.39
Std Dev 3.288
Gaus mean : 44.2642
Gaus Width: 3.6465
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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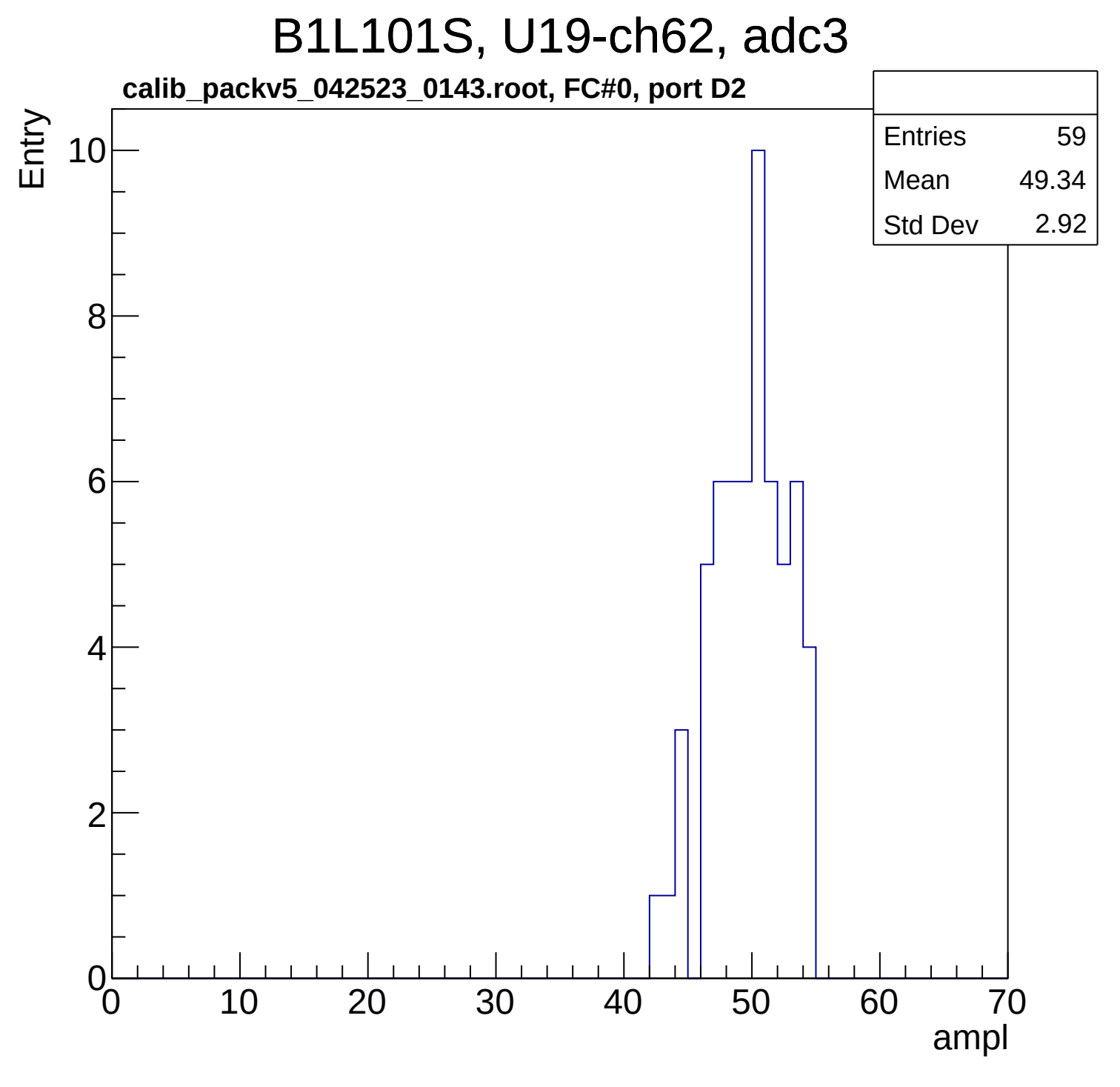
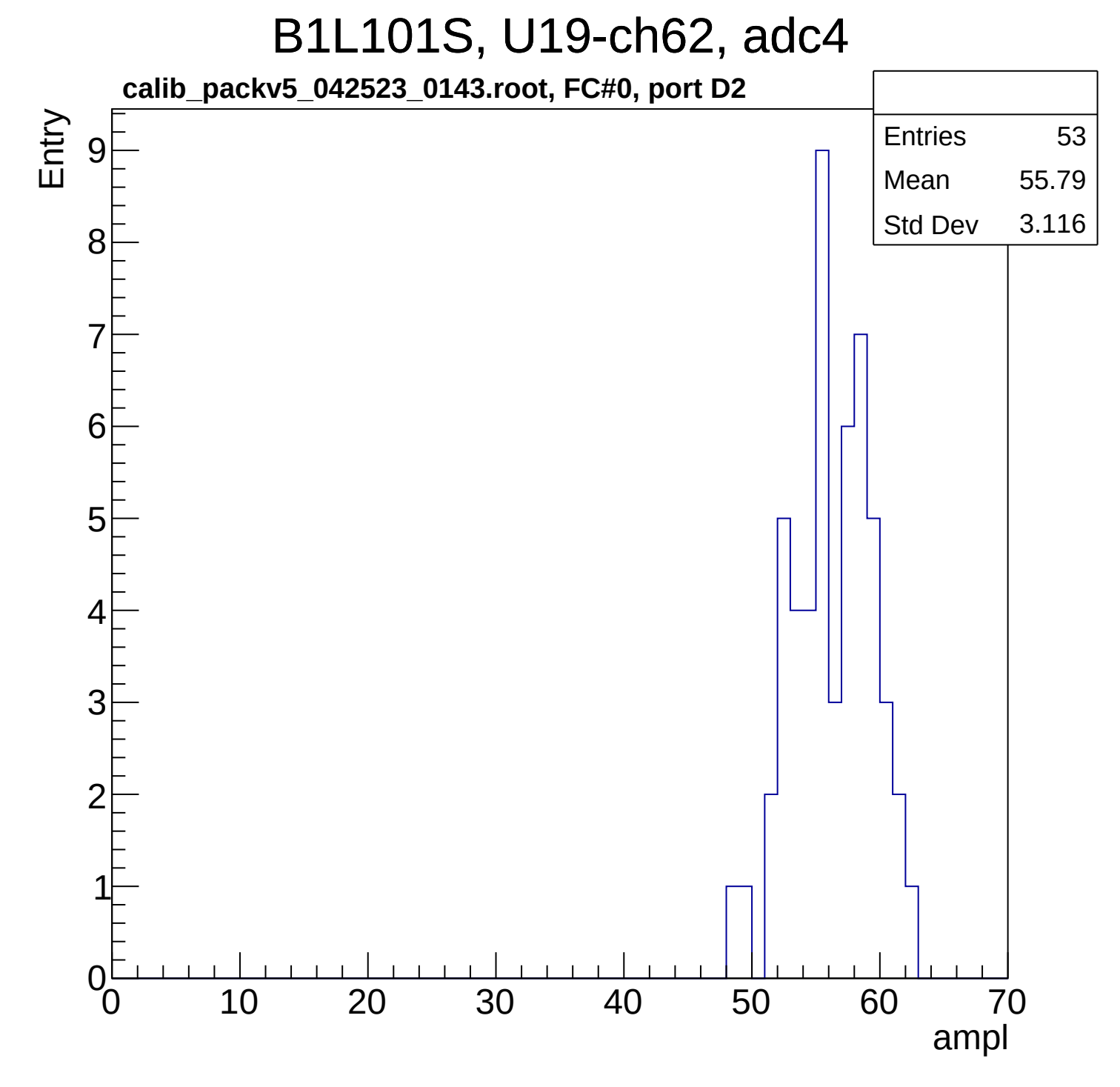

B1L101S, U19-ch62, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 49.34
Std Dev 2.92
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch62, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 55.79
Std Dev 3.116
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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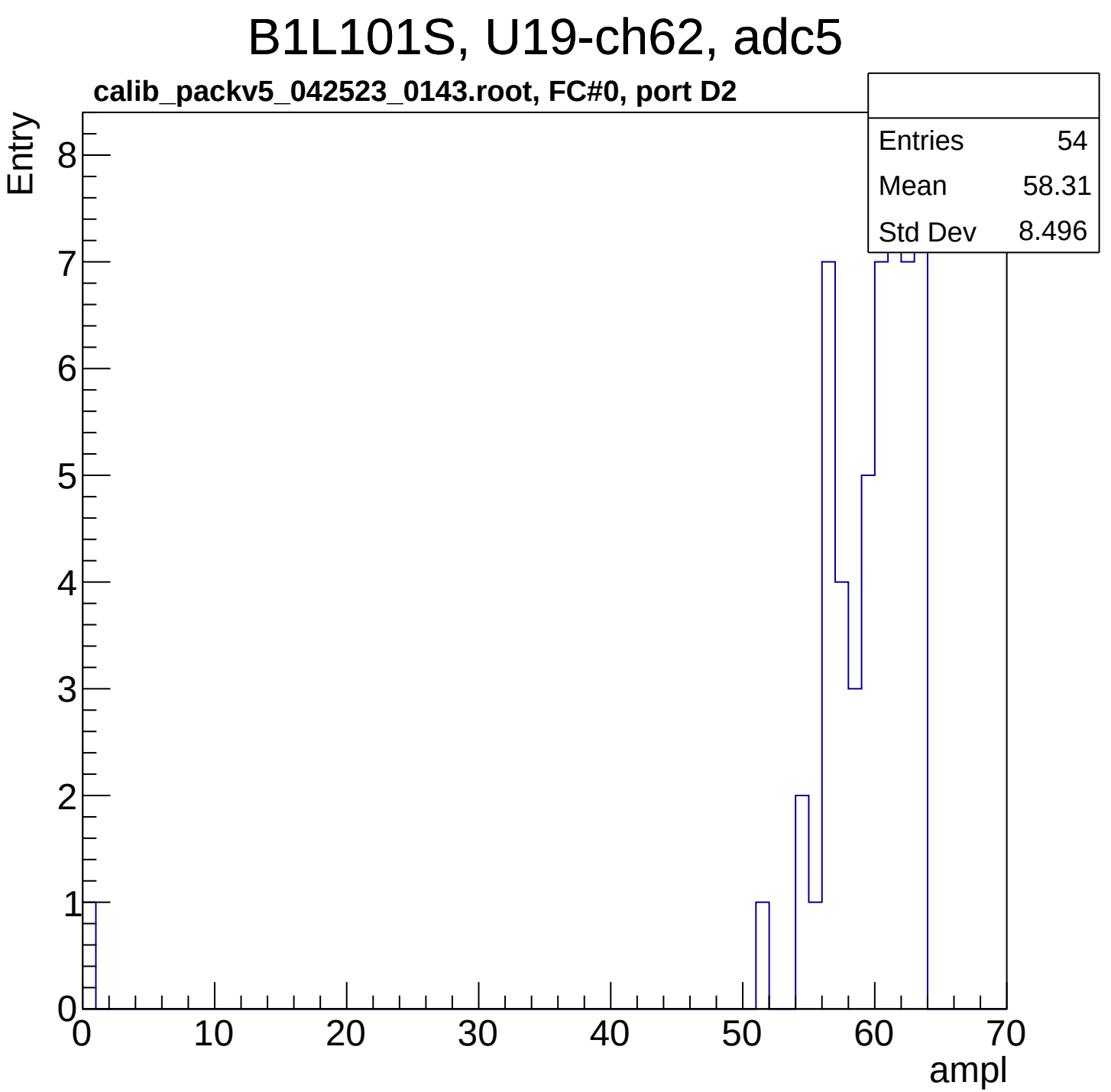
B1L101S, U19-ch62, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 58.31
Std Dev 8.496
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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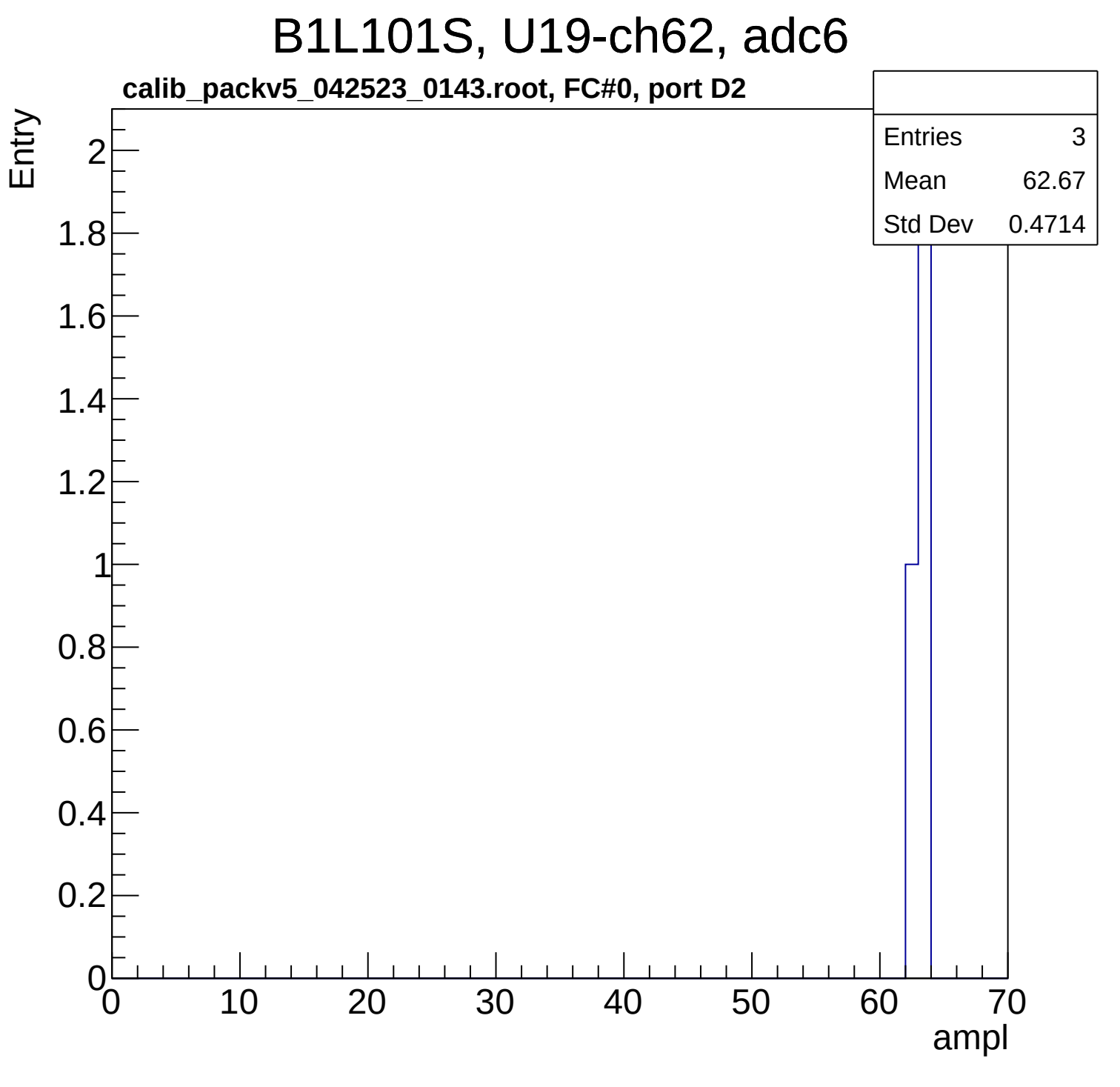
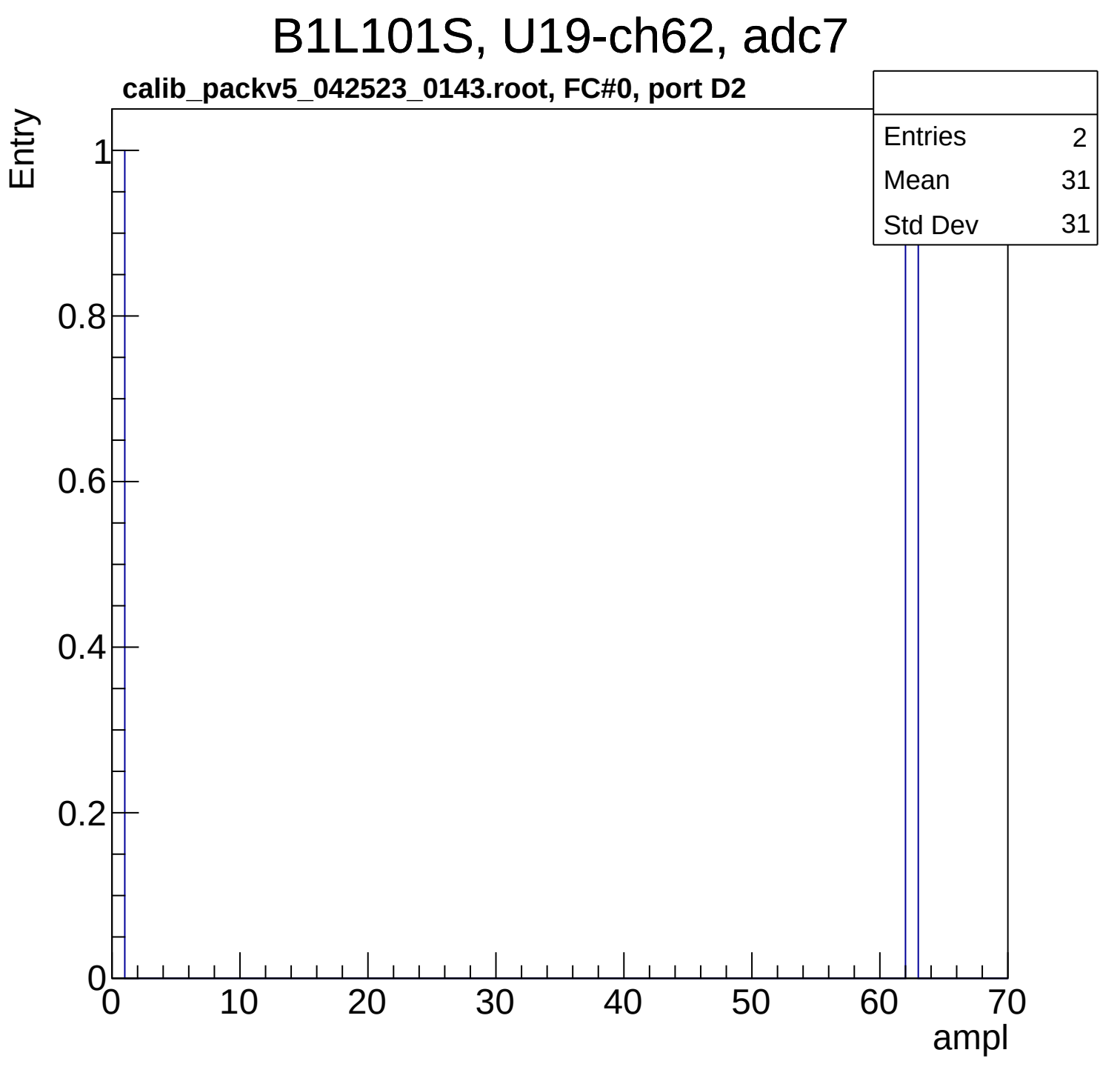
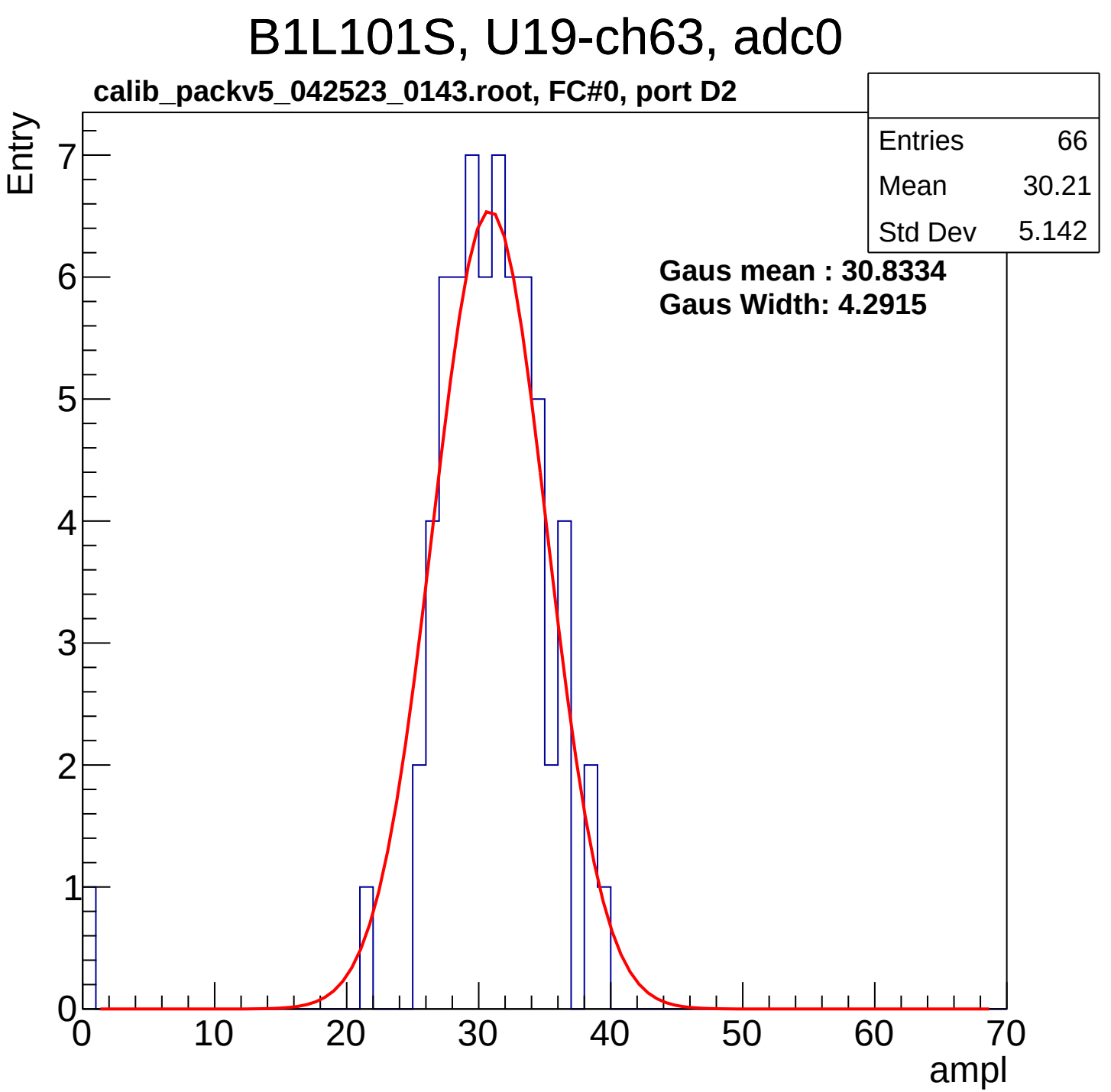
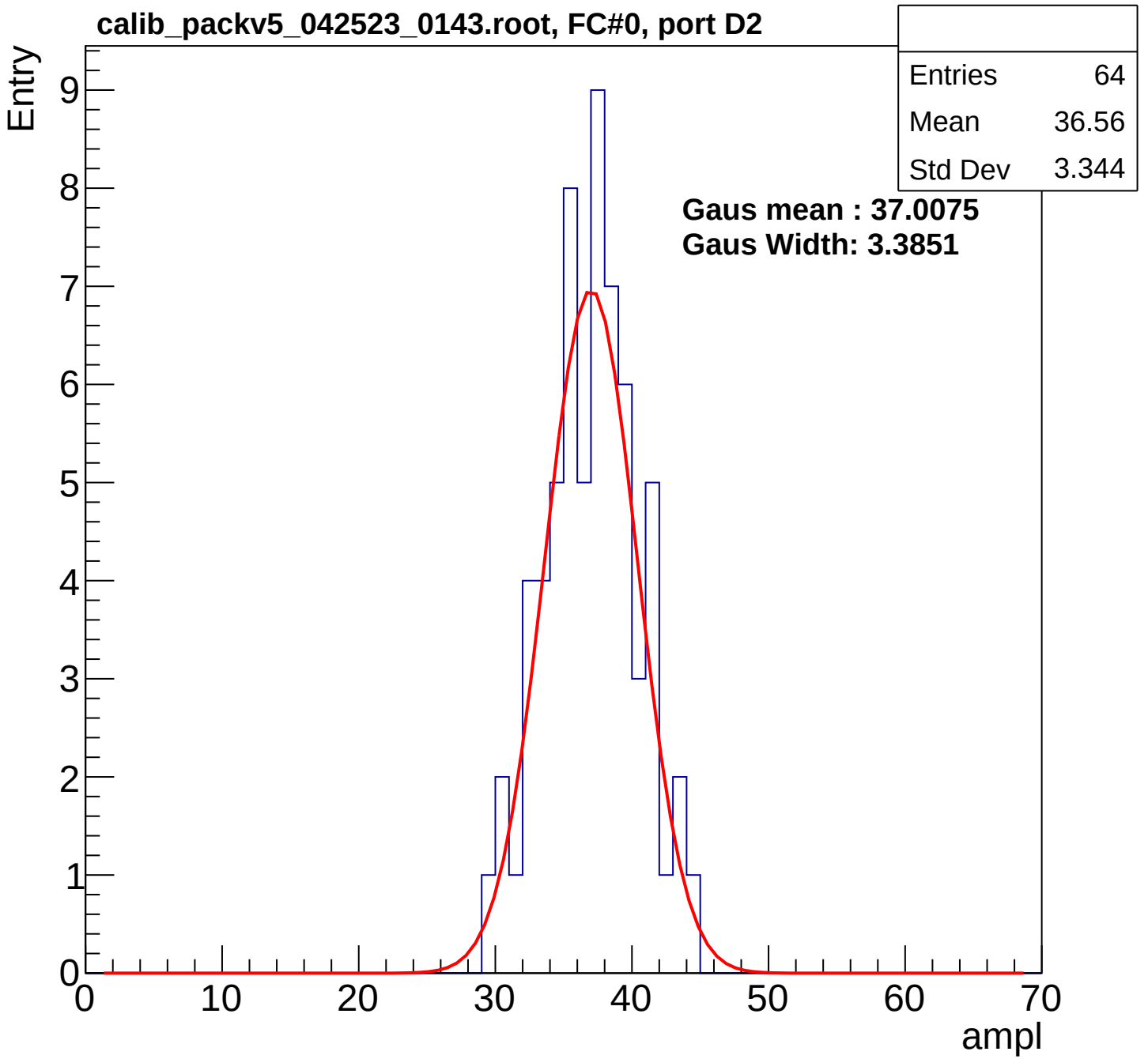

B1L101S, U19-ch62, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch62, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch63, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 30.21
Std Dev 5.142
Gaus mean : 30.8334
Gaus Width: 4.2915
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch63, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 36.56
Std Dev 3.344
Gaus mean : 37.0075
Gaus Width: 3.3851
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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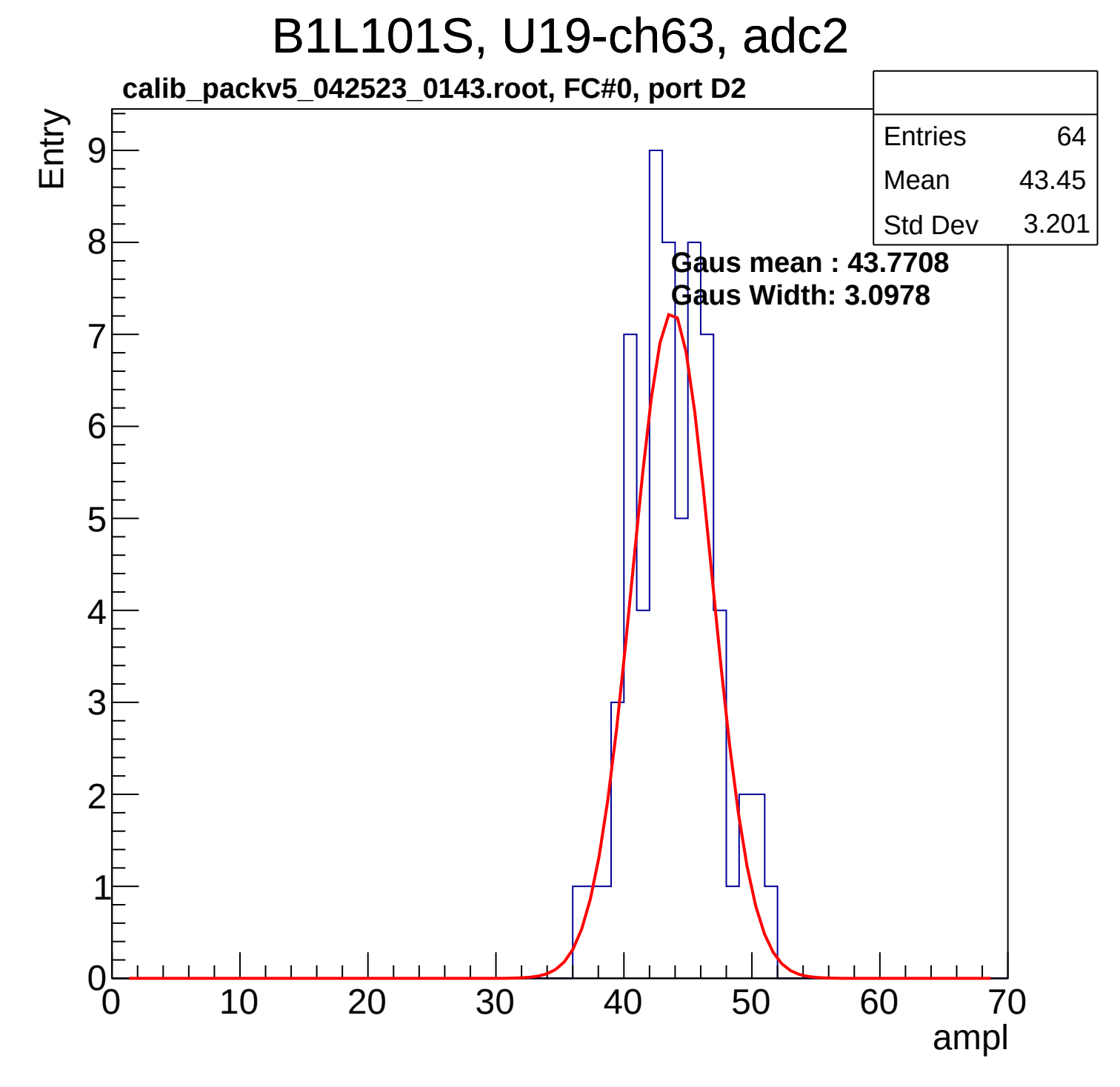
B1L101S, U19-ch63, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 43.45
Std Dev 3.201
Gaus mean : 43.7708
Gaus Width: 3.0978
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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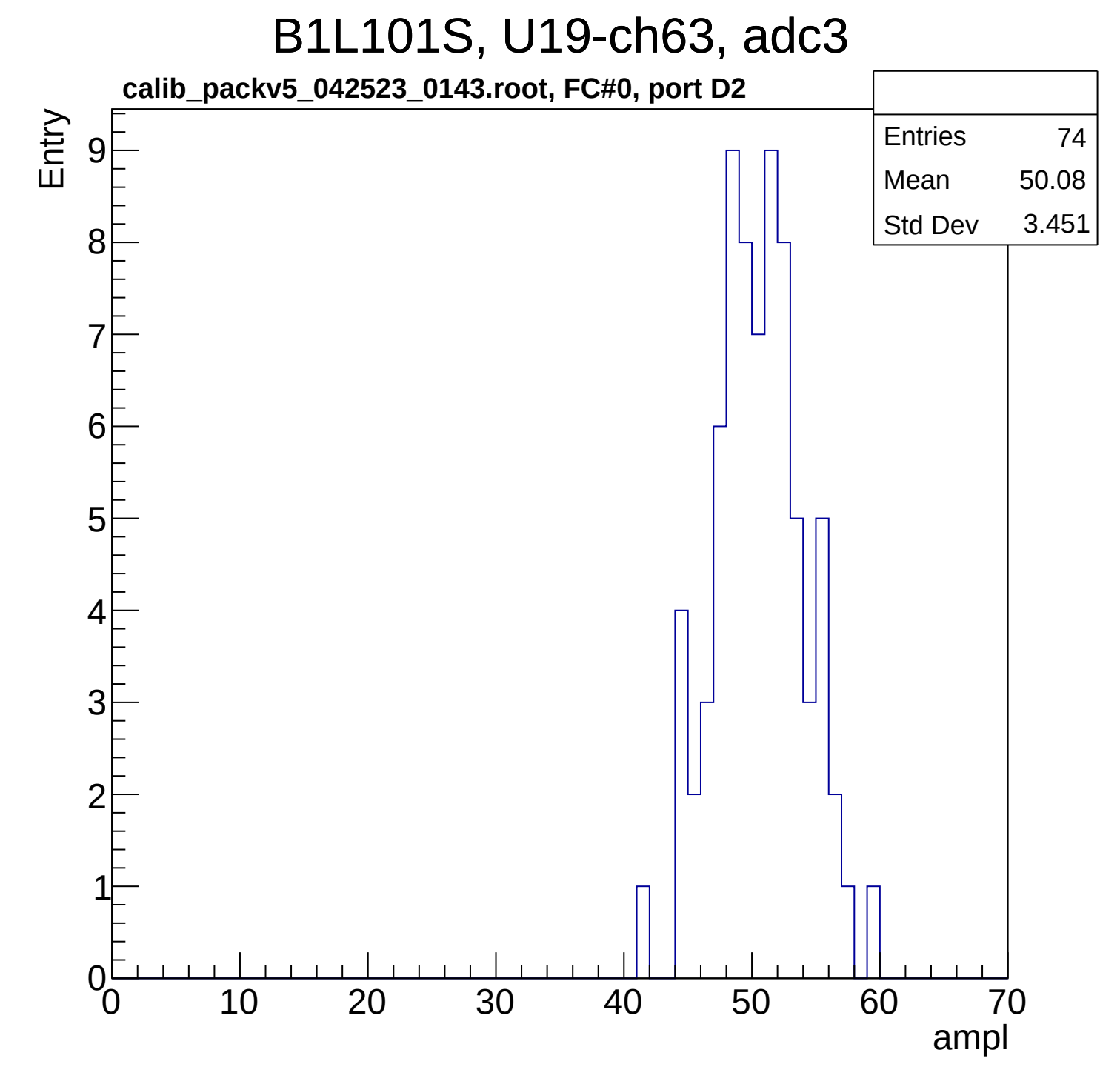
B1L101S, U19-ch63, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 50.08
Std Dev 3.451
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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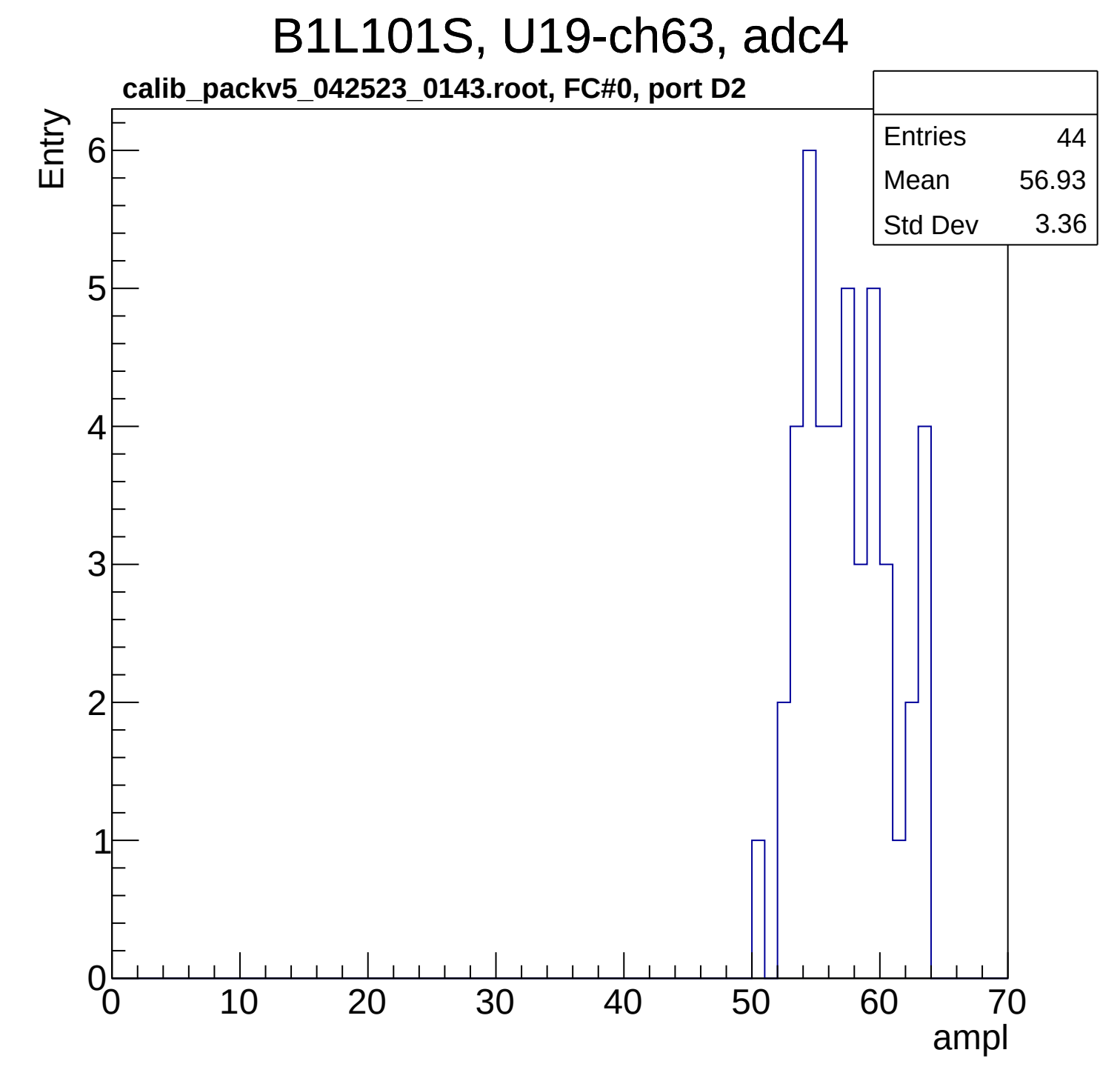
B1L101S, U19-ch63, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 56.93
Std Dev 3.36
Entry
ampl
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1
2
3
4
5
6
0
10
20
30
40
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60
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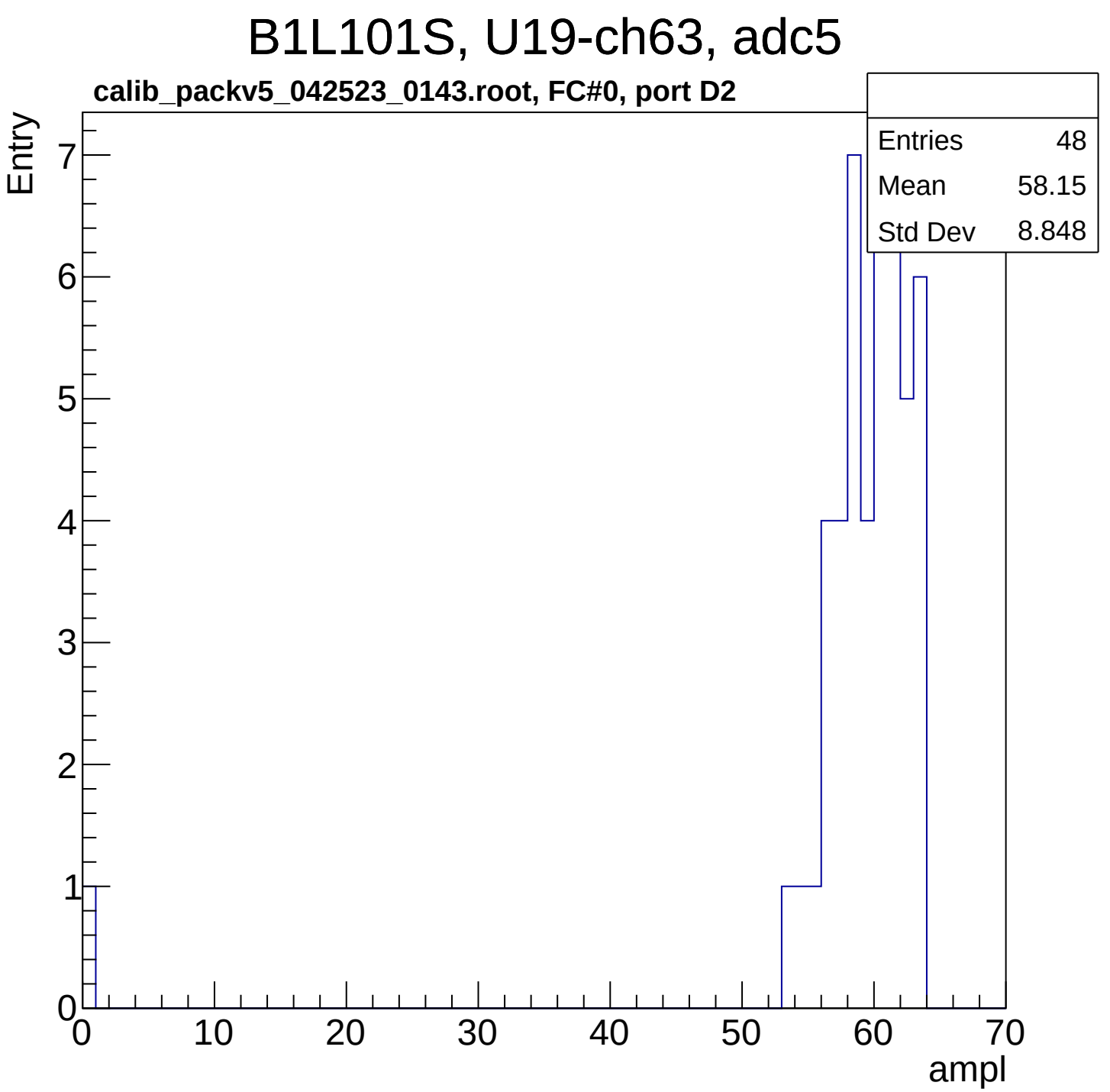
B1L101S, U19-ch63, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 58.15
Std Dev 8.848
Entry
ampl
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1
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3
4
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6
7
0
10
20
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40
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60
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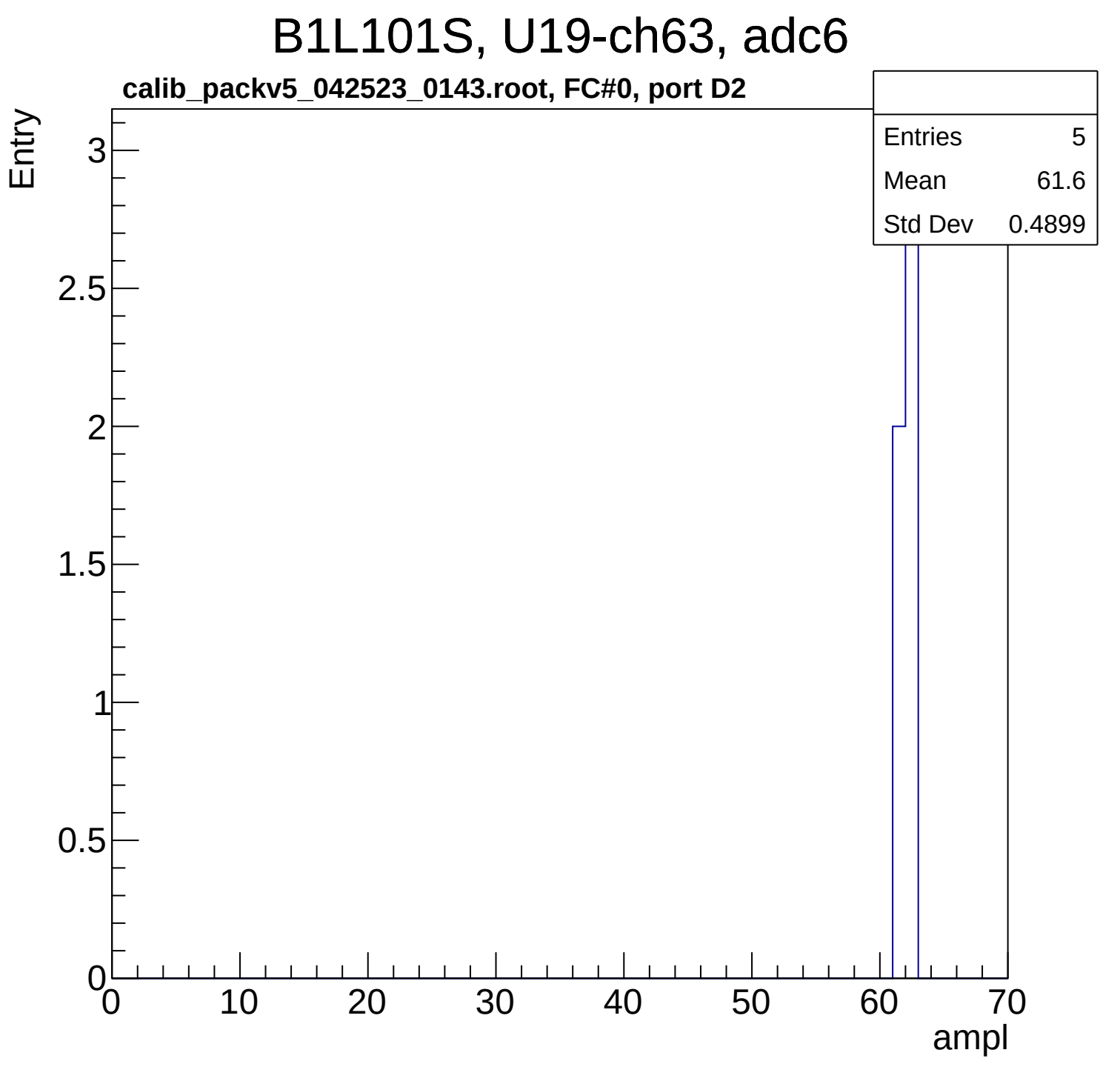
B1L101S, U19-ch63, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 61.6
Std Dev 0.4899
Entry
ampl
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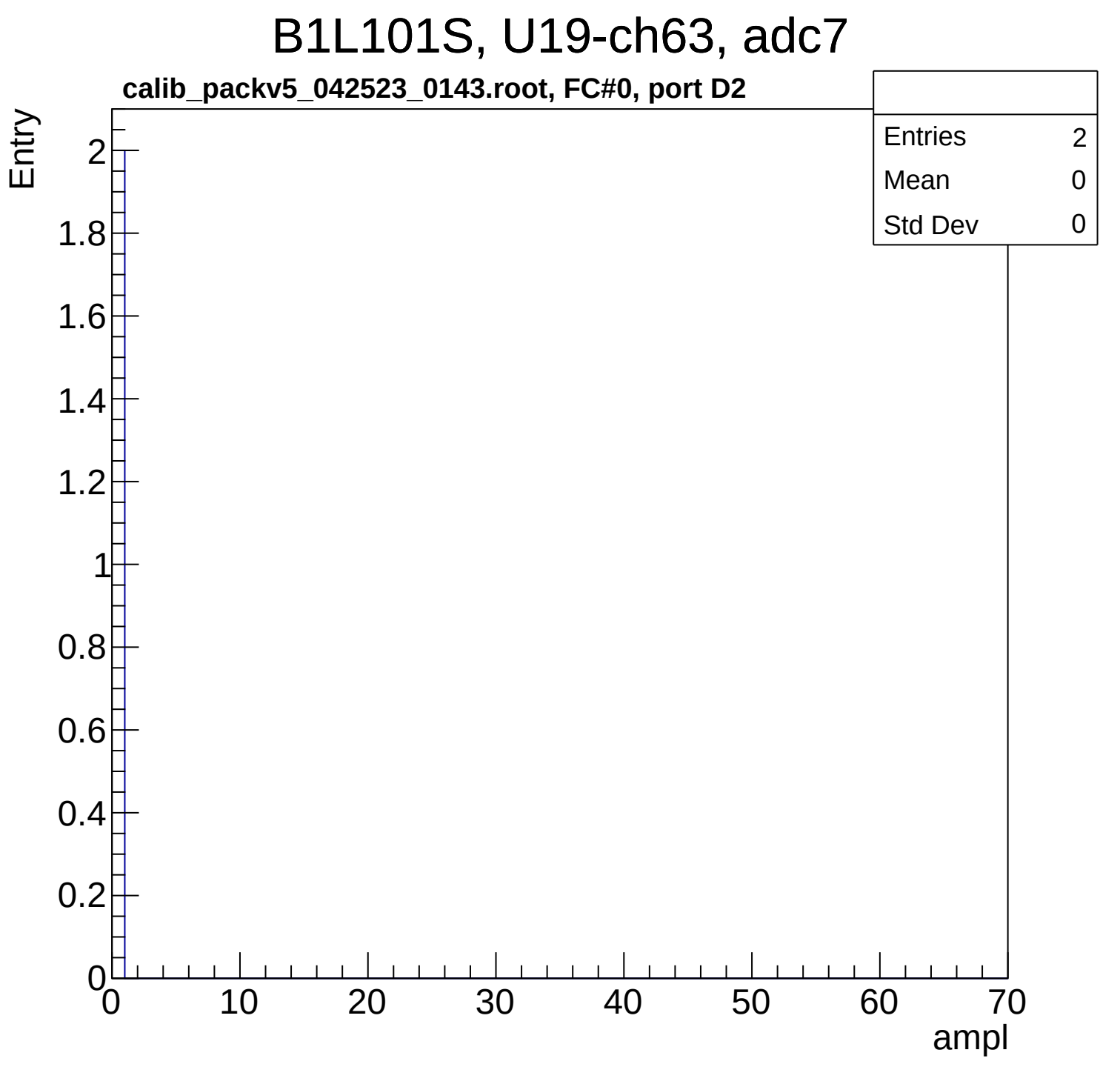
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch63, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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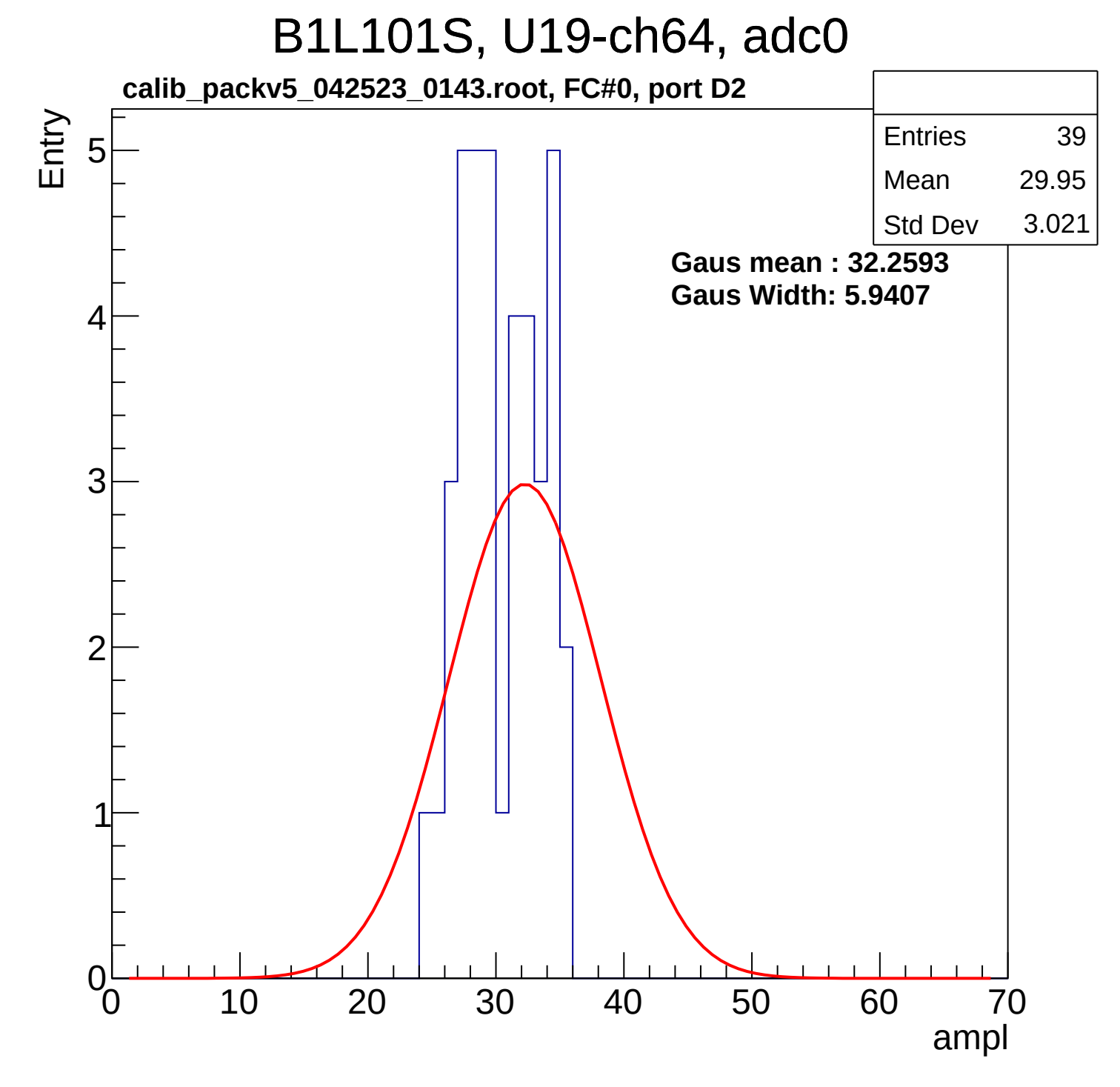
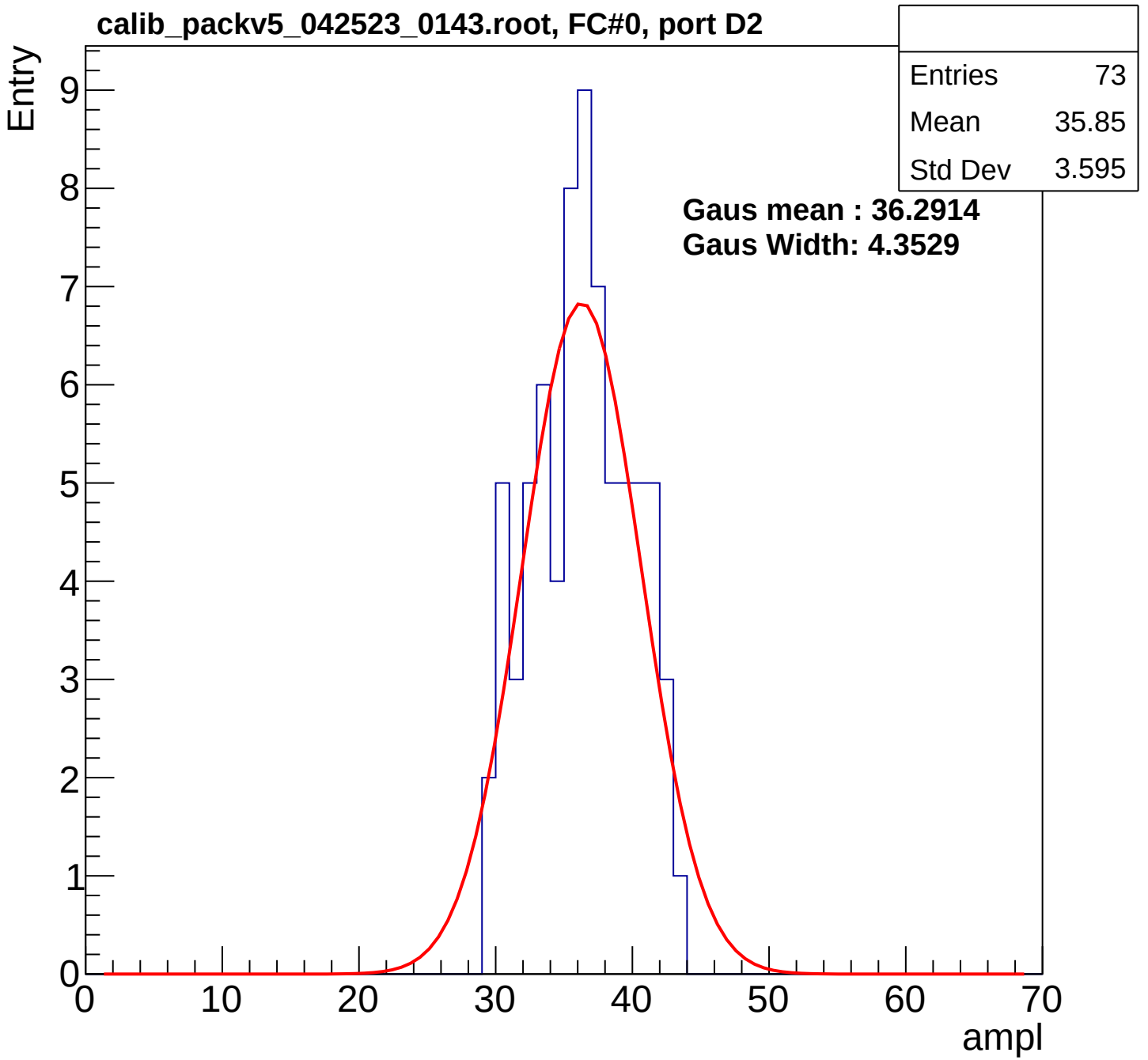
40
50
60
70


B1L101S, U19-ch64, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 29.95
Std Dev 3.021
Gaus mean : 32.2593
Gaus Width: 5.9407
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L101S, U19-ch64, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 35.85
Std Dev 3.595
Gaus mean : 36.2914
Gaus Width: 4.3529
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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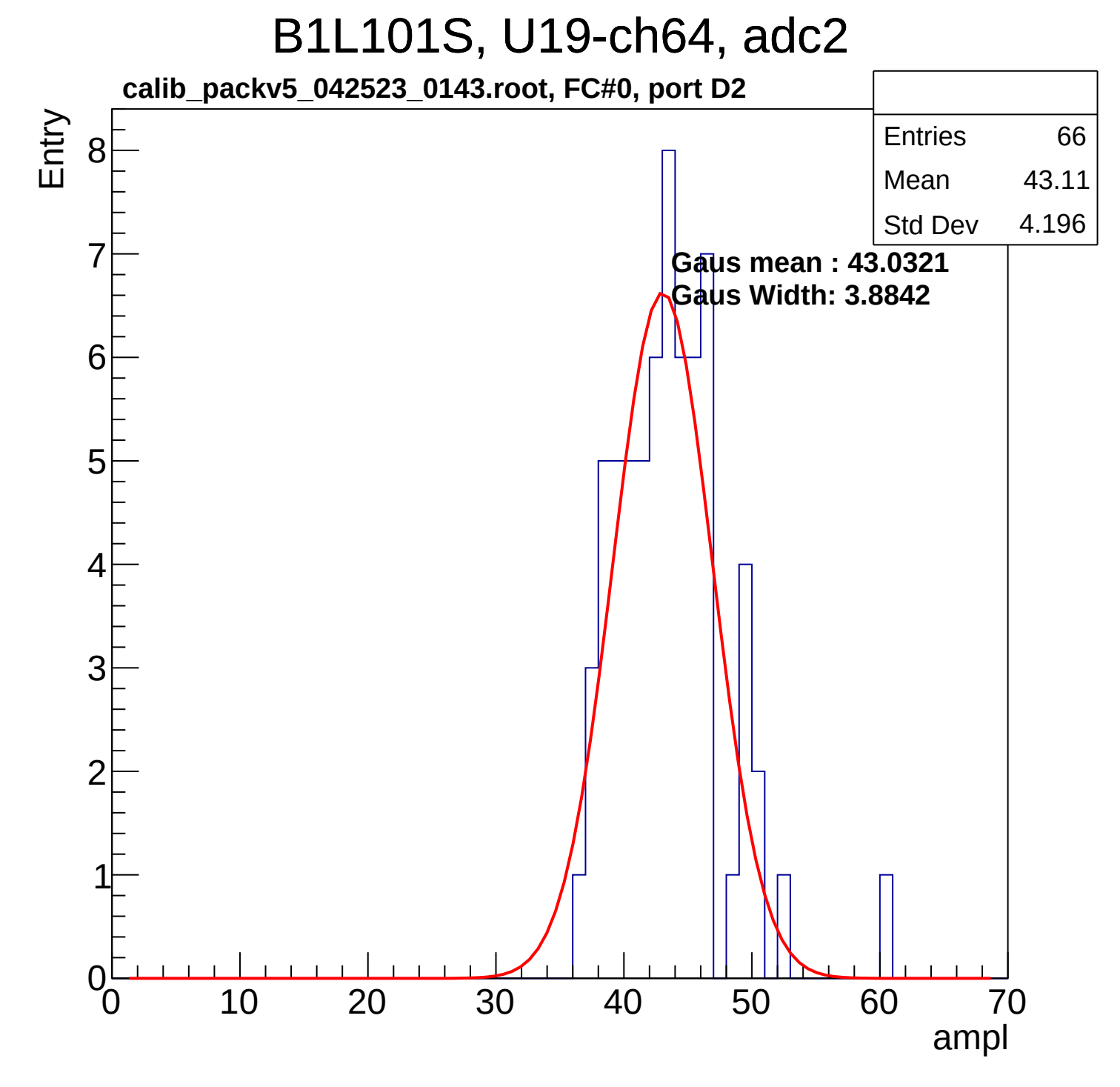
B1L101S, U19-ch64, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 43.11
Std Dev 4.196
Gaus mean : 43.0321
Gaus Width: 3.8842
Entry
ampl
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5
6
7
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0
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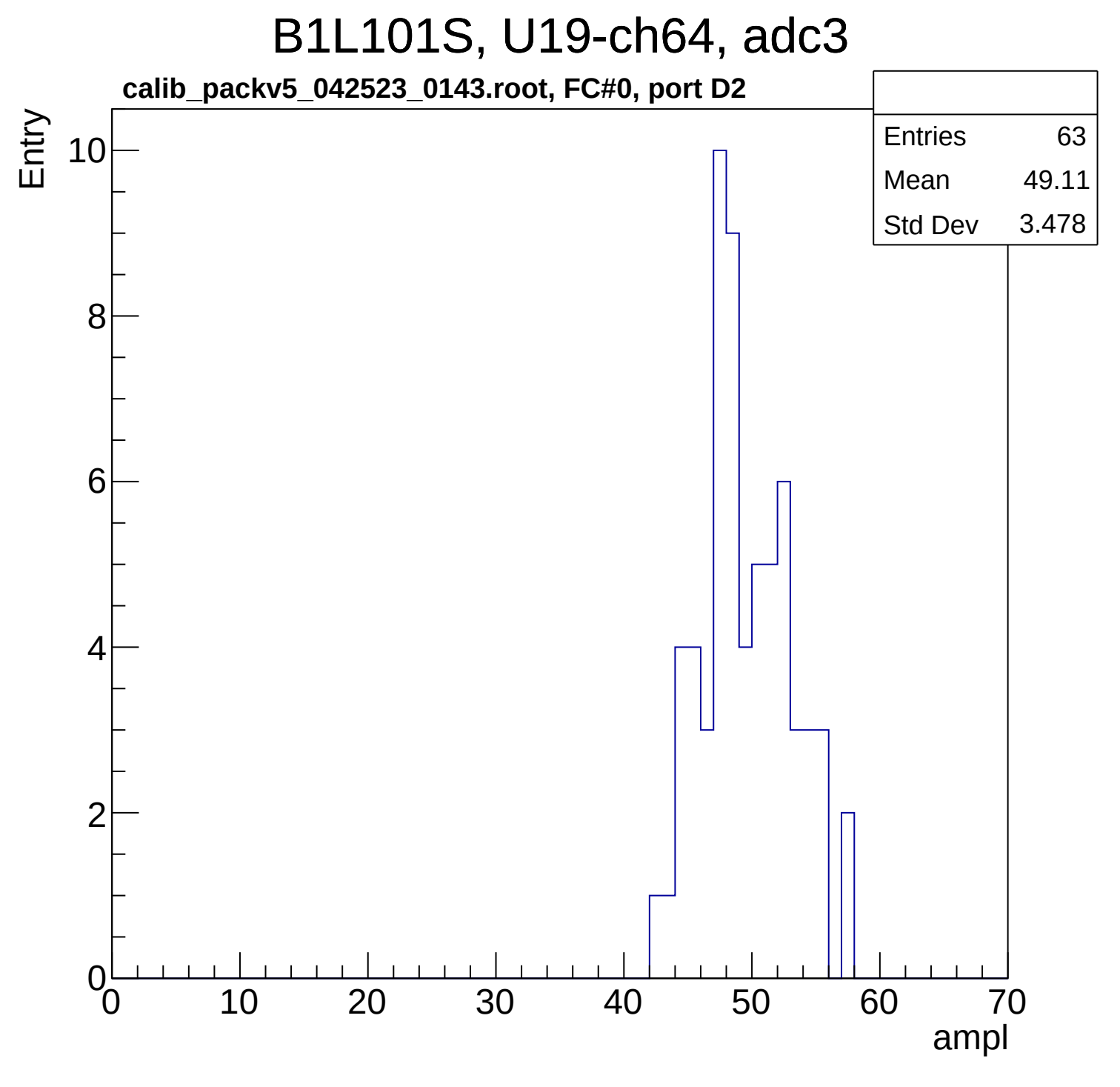
B1L101S, U19-ch64, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 49.11
Std Dev 3.478
Entry
ampl
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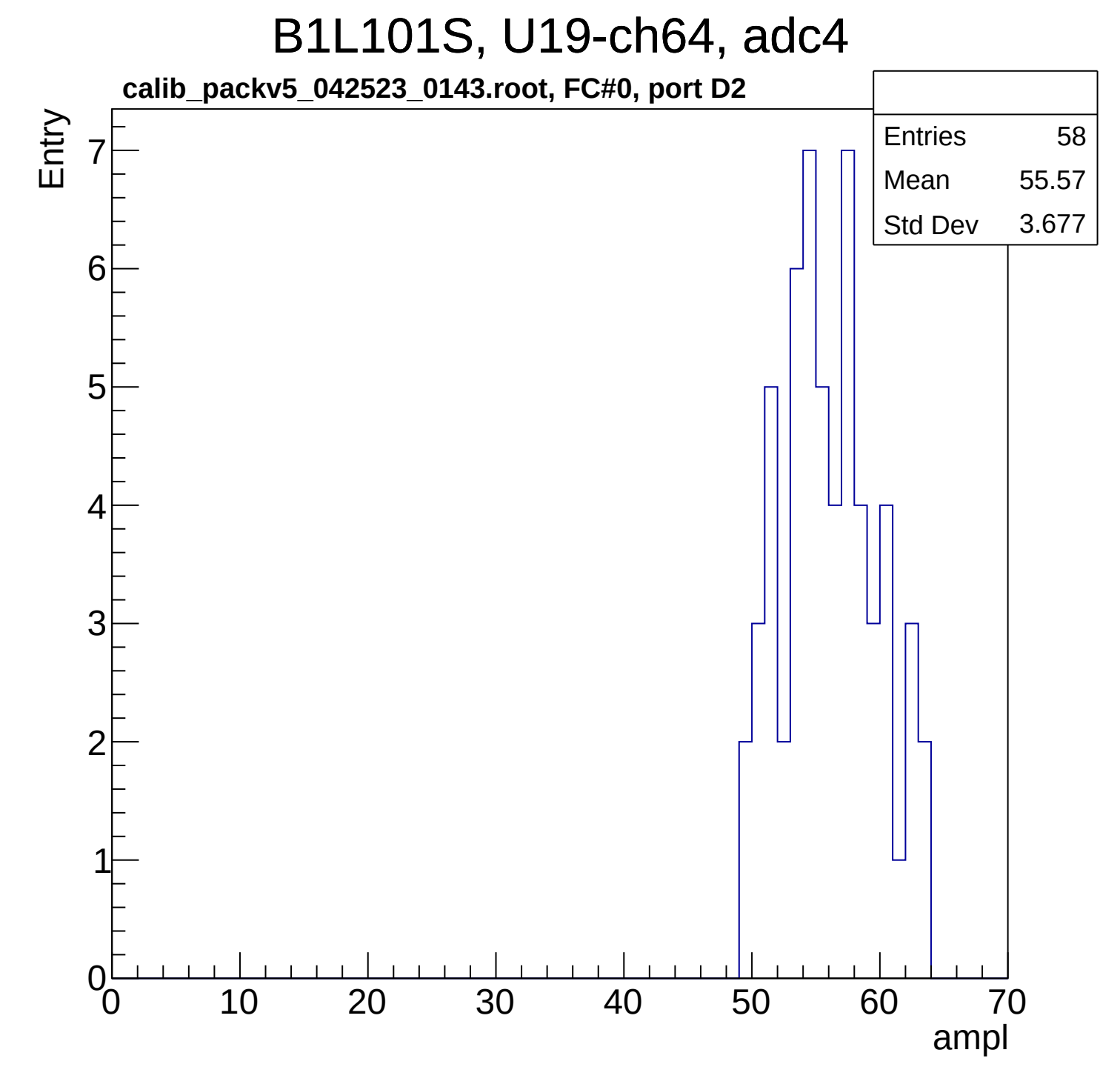
B1L101S, U19-ch64, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 55.57
Std Dev 3.677
Entry
ampl
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2
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60
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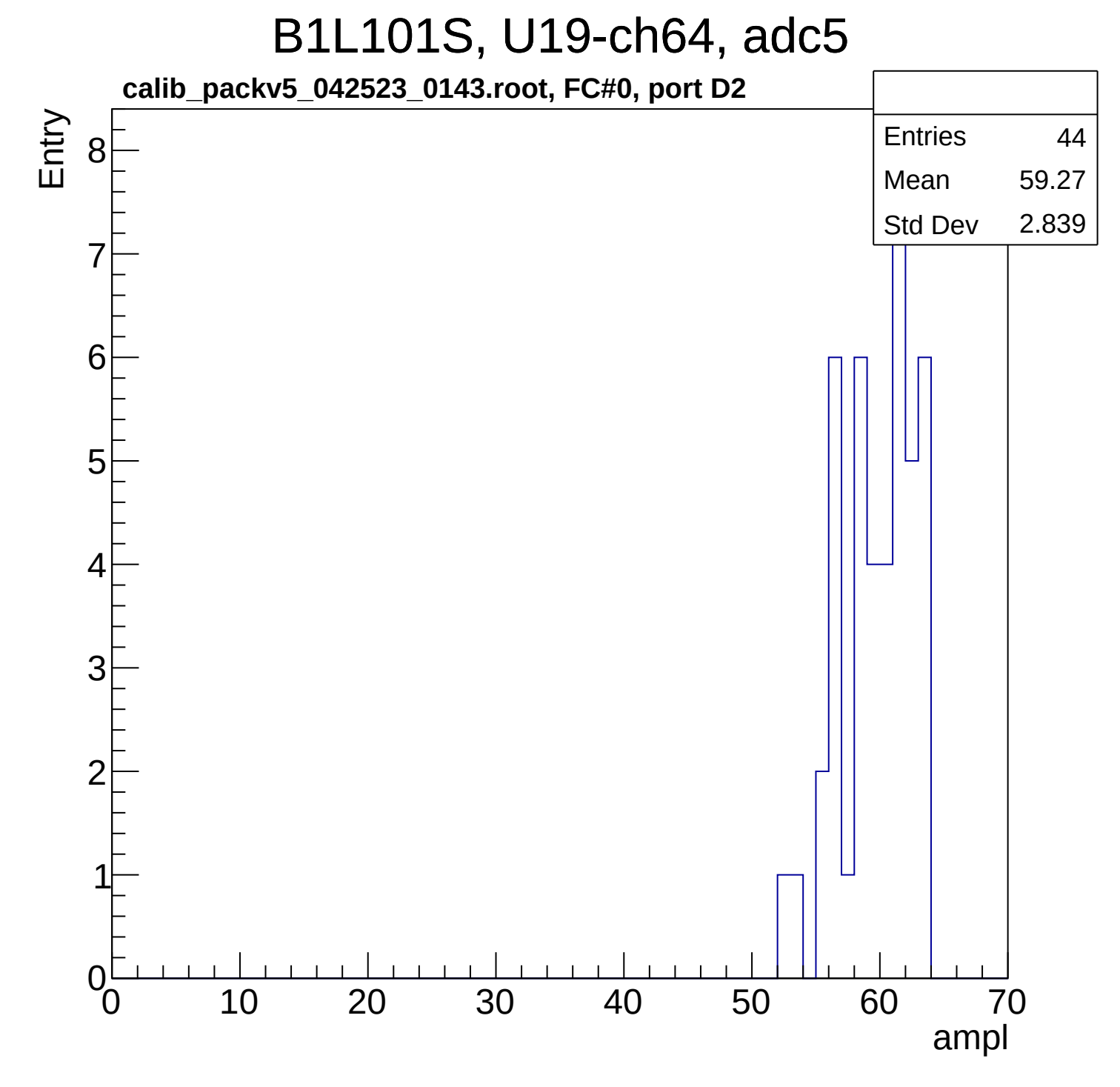
B1L101S, U19-ch64, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 59.27
Std Dev 2.839
Entry
ampl
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2
3
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5
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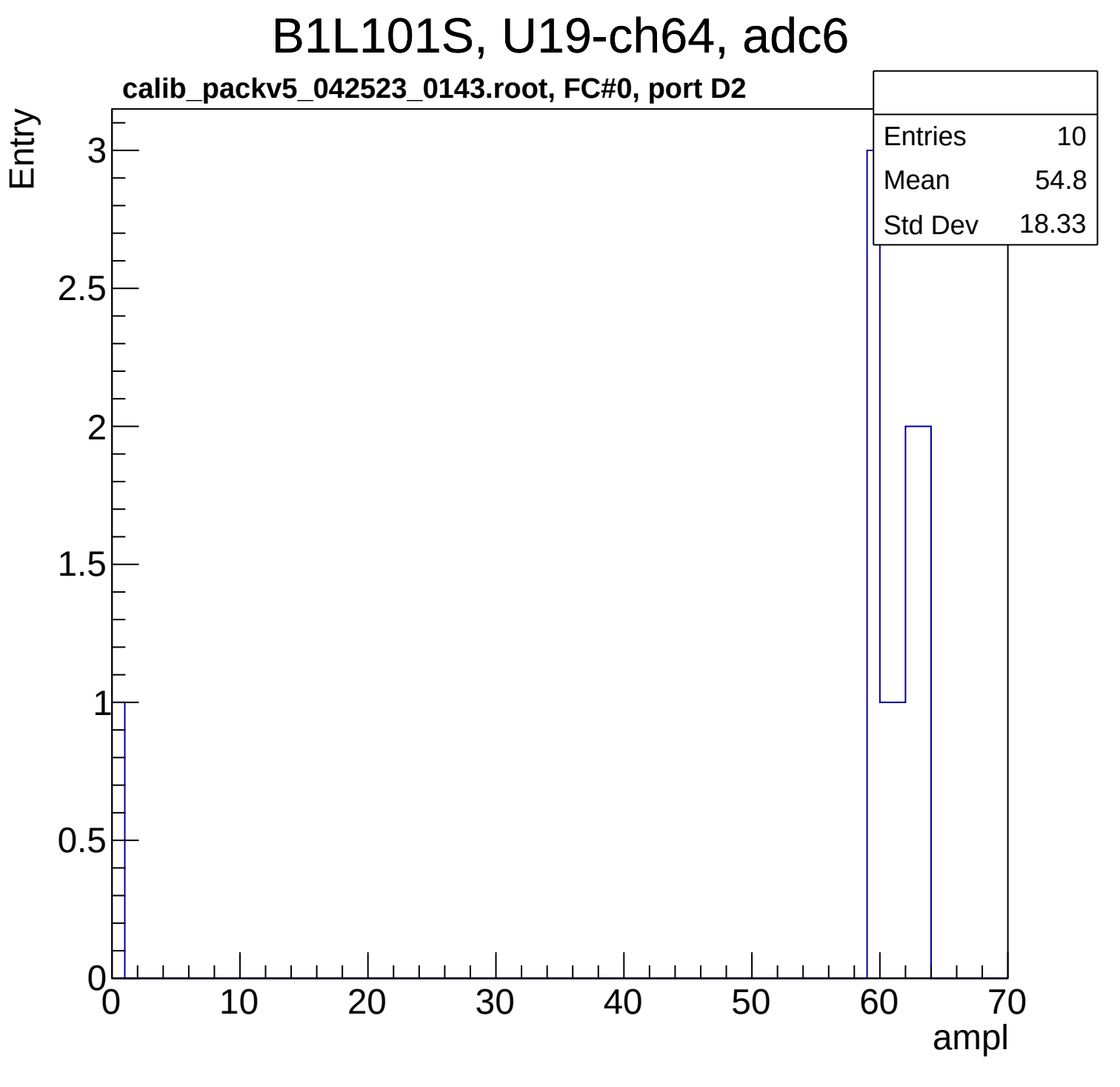
B1L101S, U19-ch64, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 54.8
Std Dev 18.33
Entry
ampl
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0.5
1
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2
2.5
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0
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20
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60
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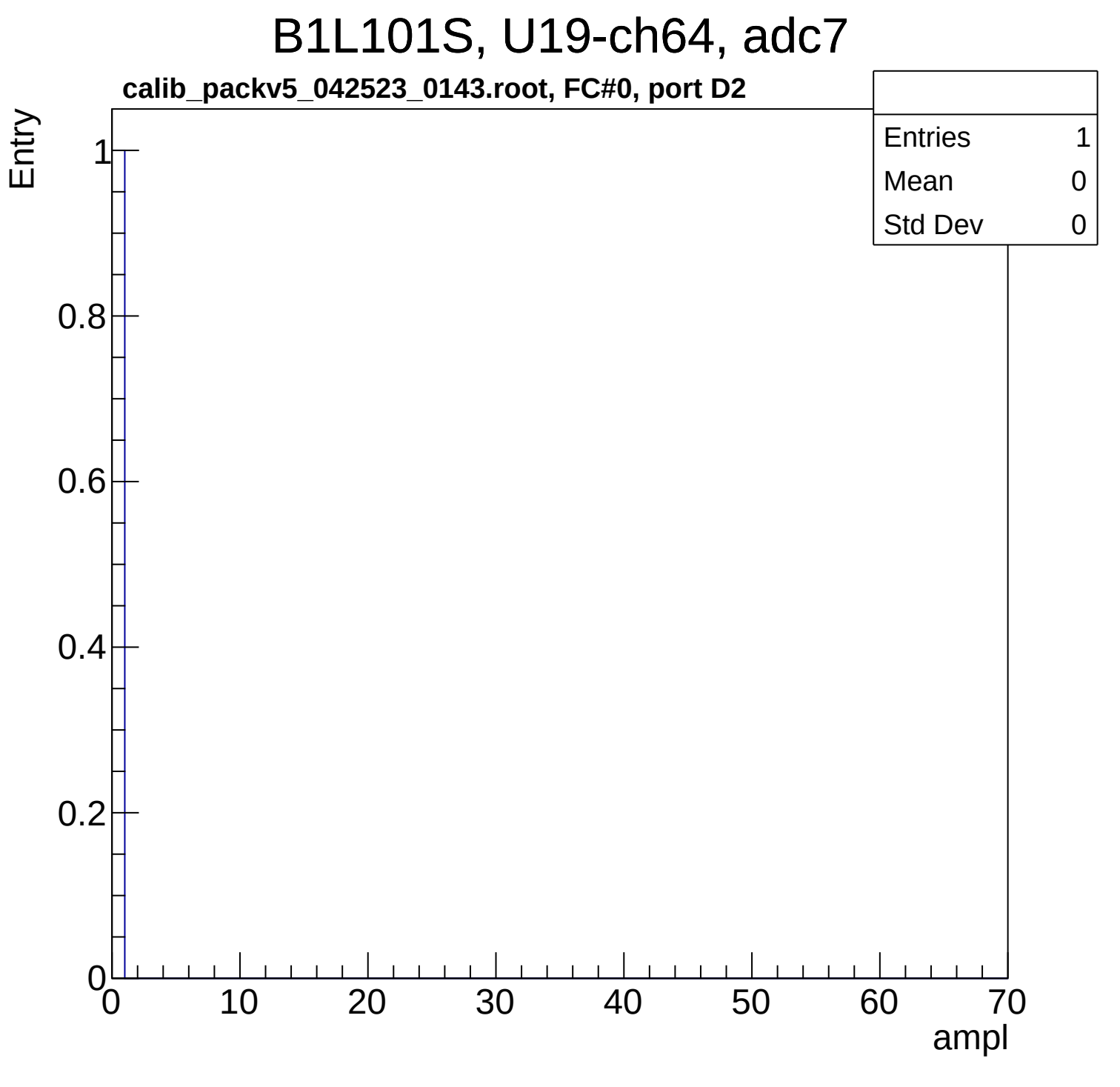
B1L101S, U19-ch64, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0
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10
20
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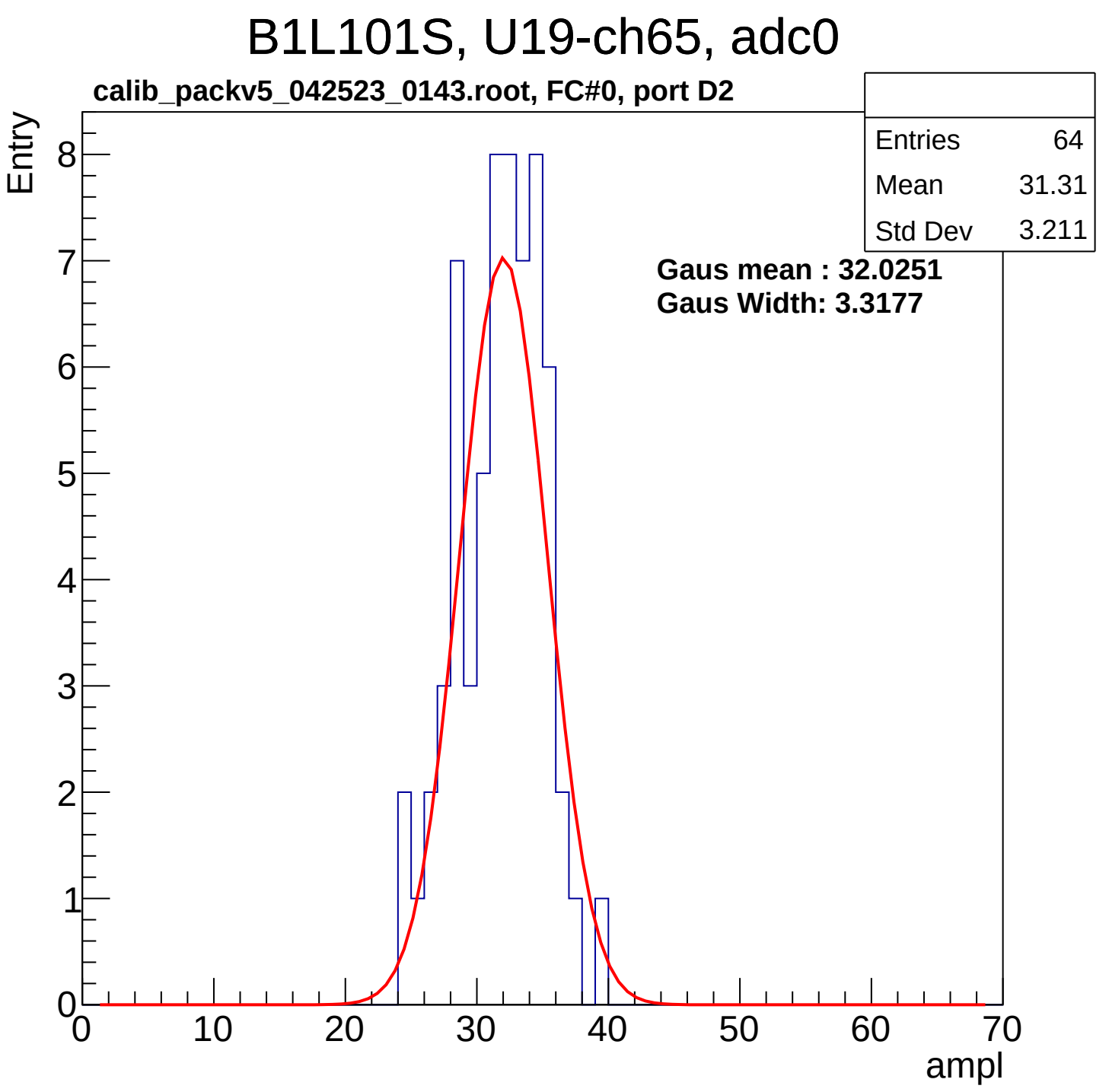
50
60
70
ampl


B1L101S, U19-ch65, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 31.31
Std Dev 3.211
Gaus mean : 32.0251
Gaus Width: 3.3177
Entry
ampl
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4
5
6
7
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0
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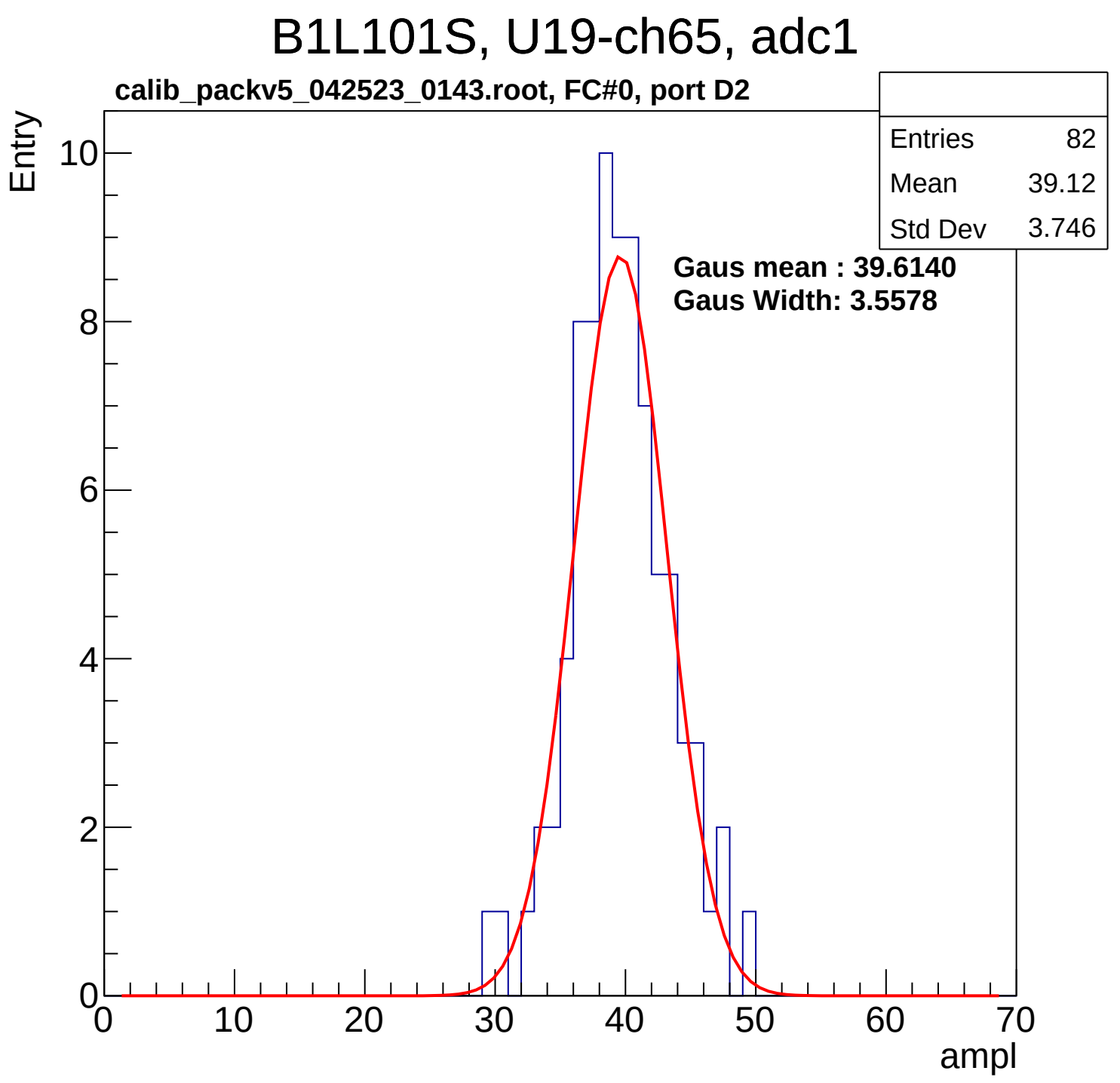
B1L101S, U19-ch65, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 39.12
Std Dev 3.746
Gaus mean : 39.6140
Gaus Width: 3.5578
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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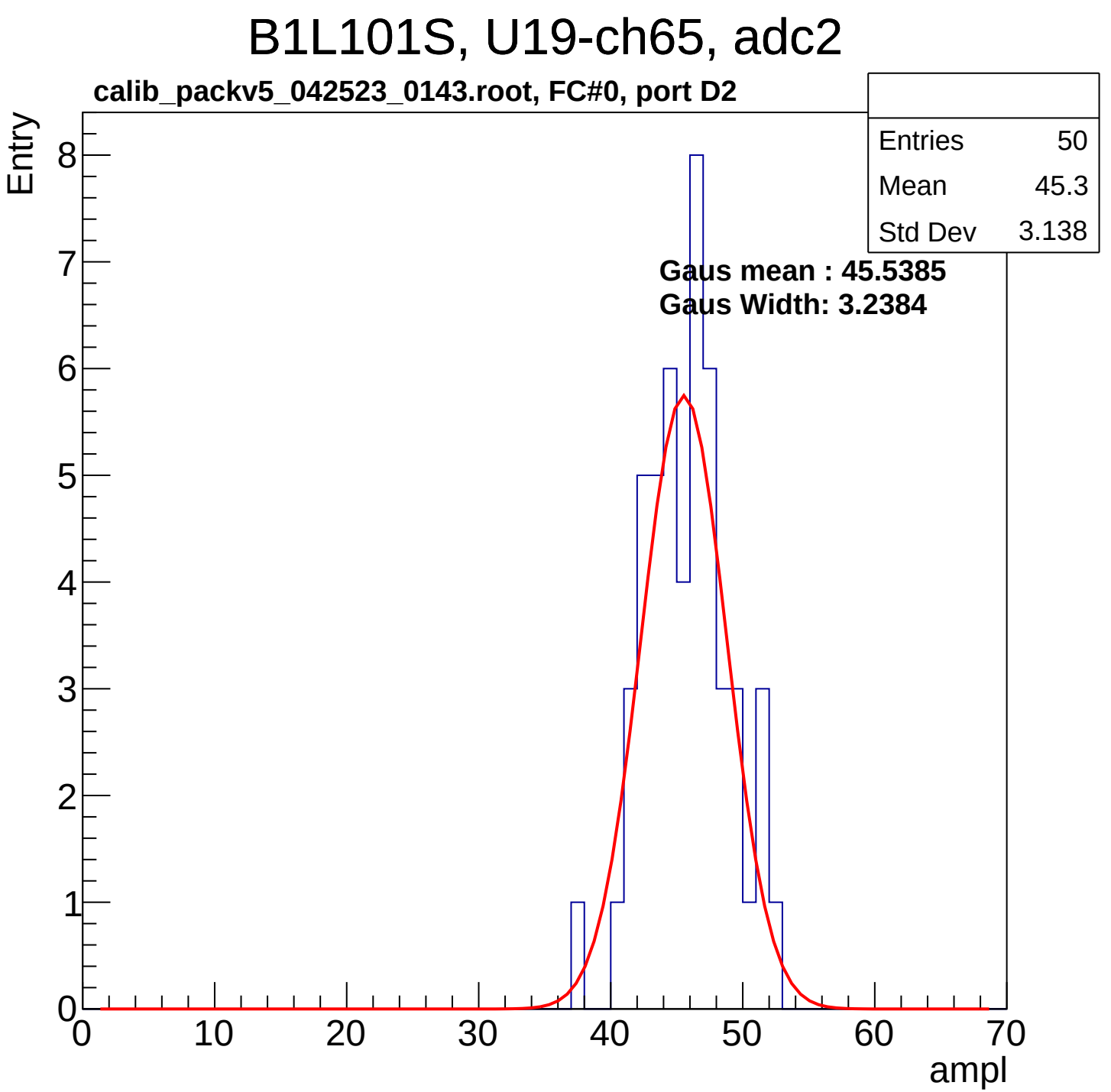
B1L101S, U19-ch65, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 45.3
Std Dev 3.138
Gaus mean : 45.5385
Gaus Width: 3.2384
Entry
ampl
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1
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7
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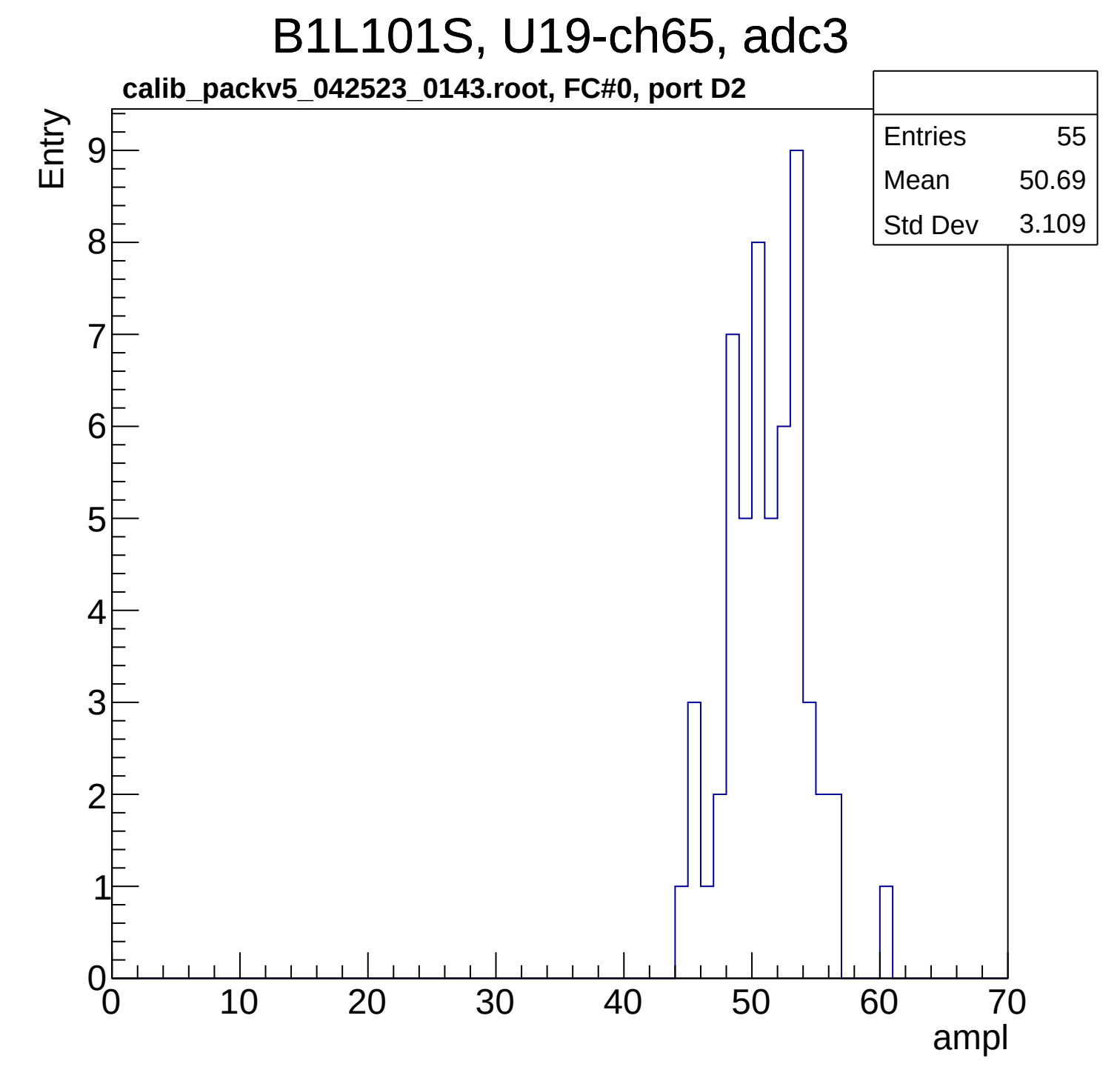
B1L101S, U19-ch65, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 50.69
Std Dev 3.109
Entry
ampl
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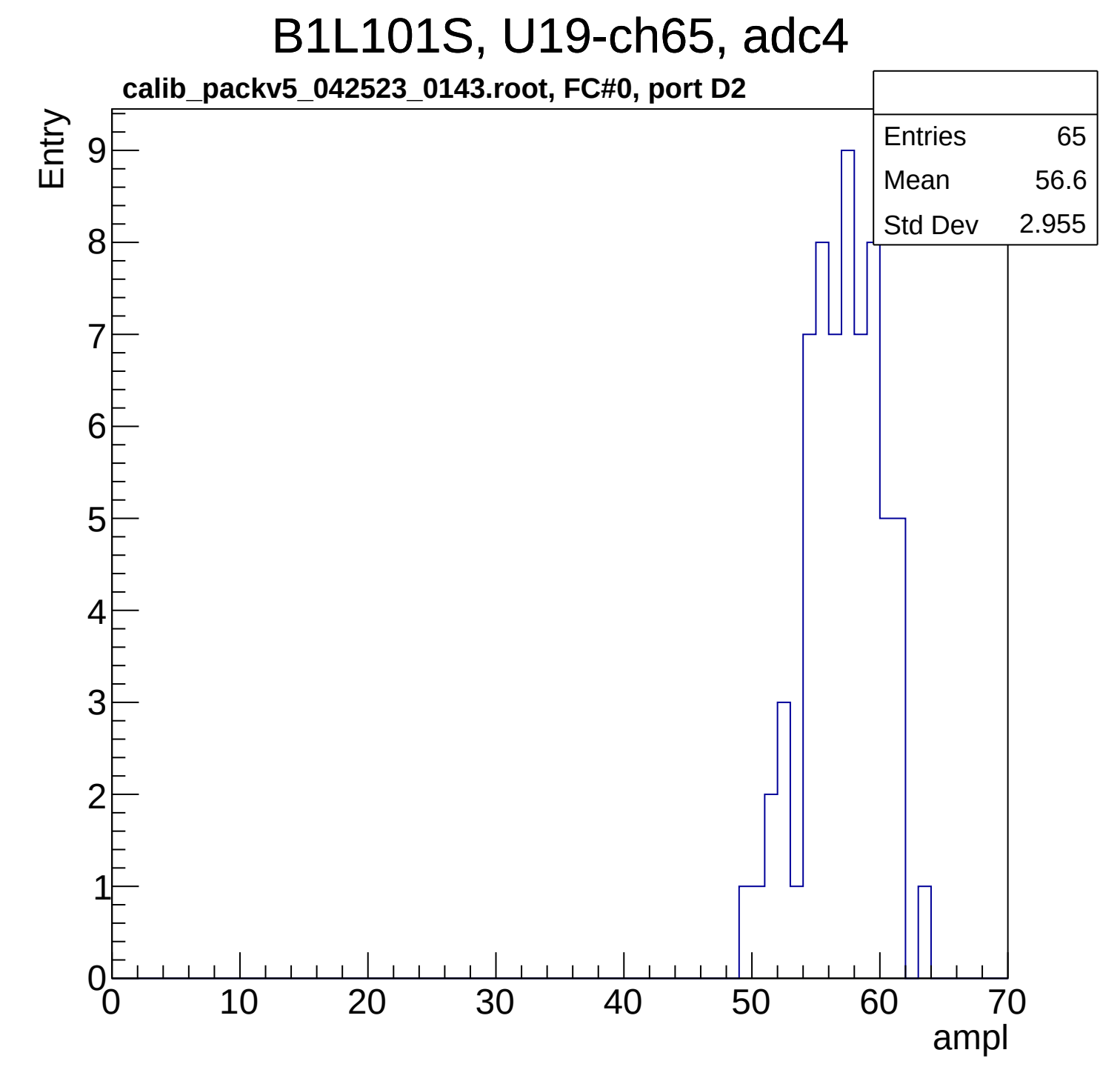
B1L101S, U19-ch65, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 56.6
Std Dev 2.955
Entry
ampl
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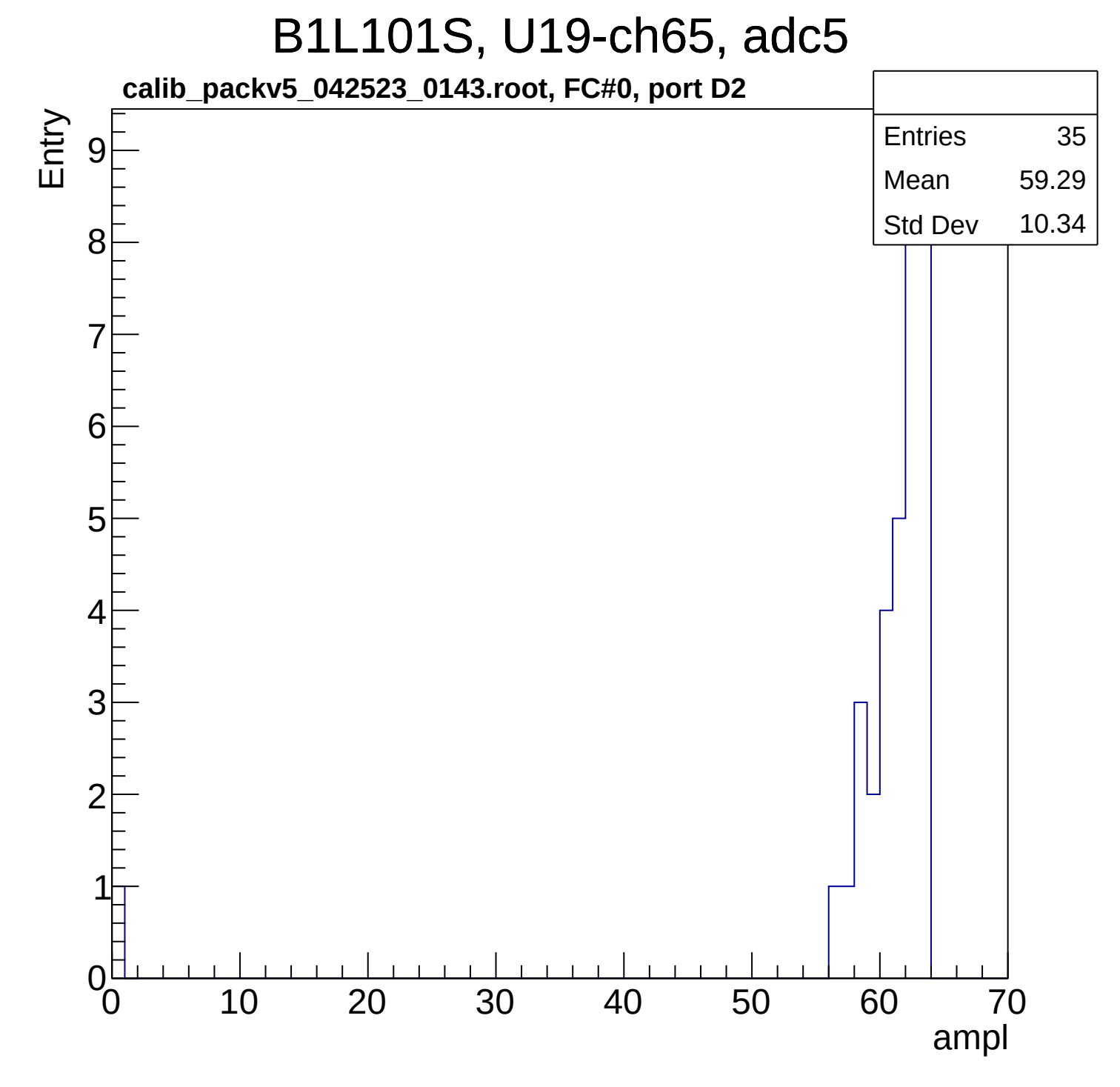
B1L101S, U19-ch65, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 59.29
Std Dev 10.34
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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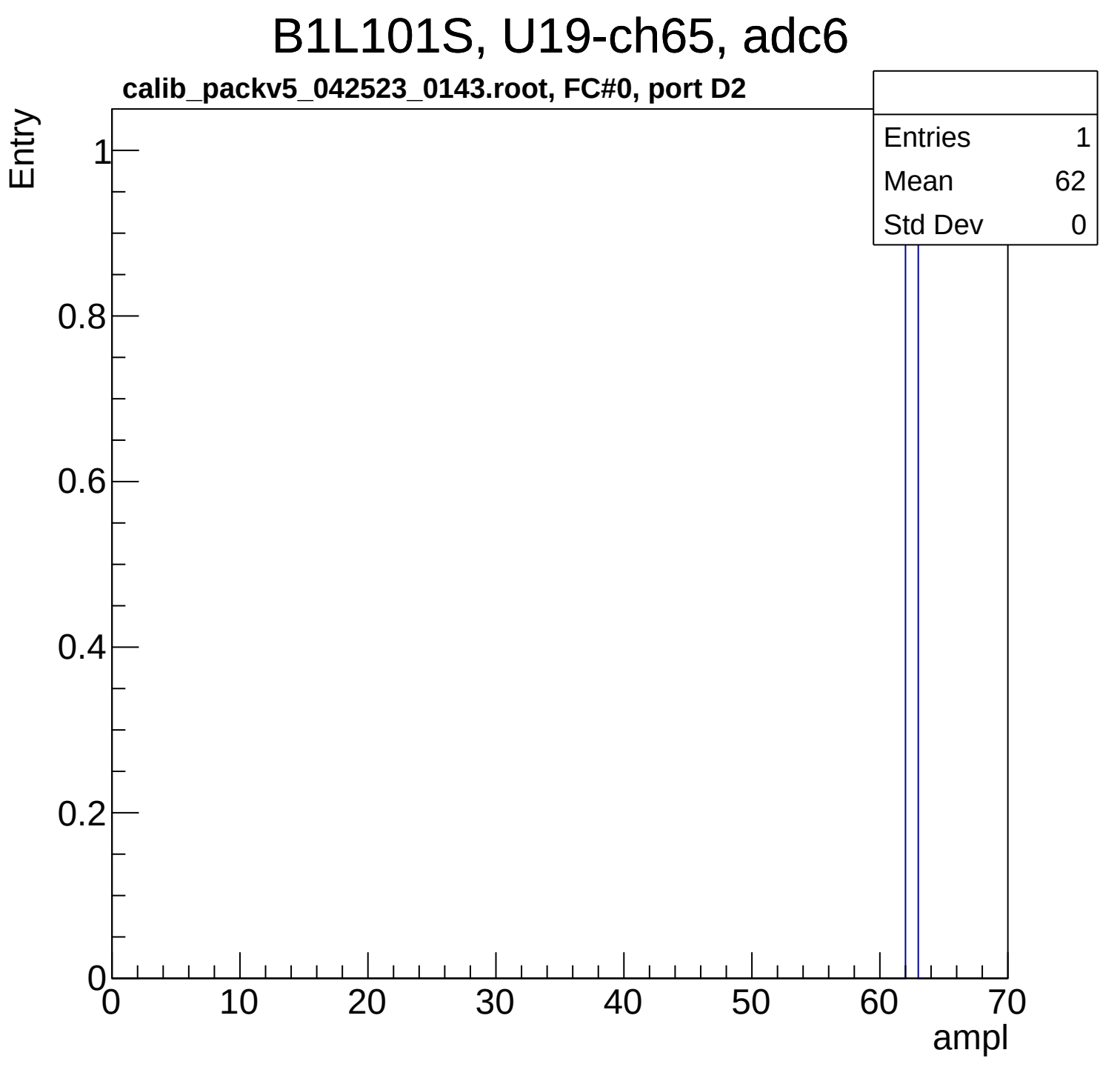
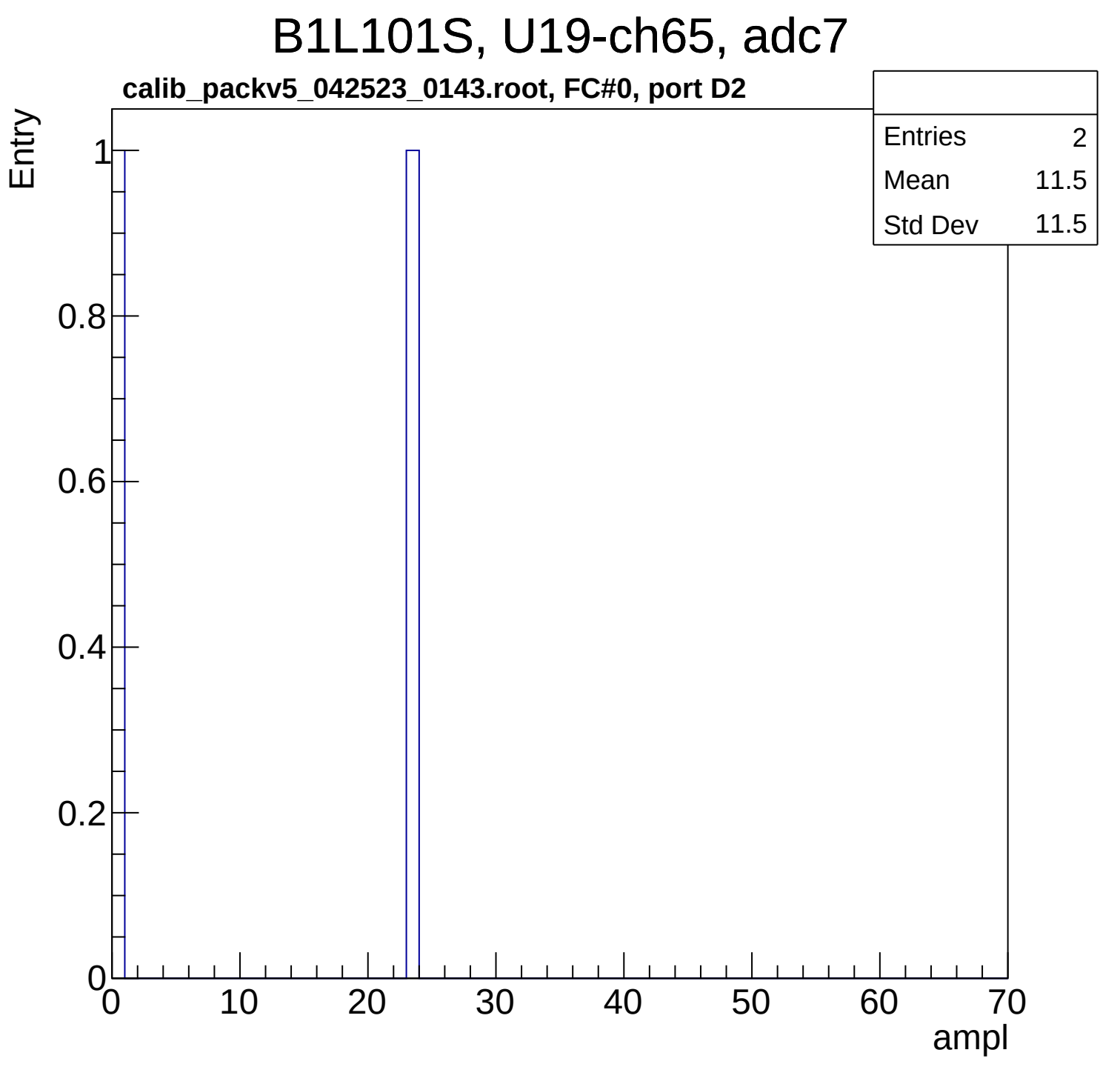
40
50
60
70


B1L101S, U19-ch65, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch65, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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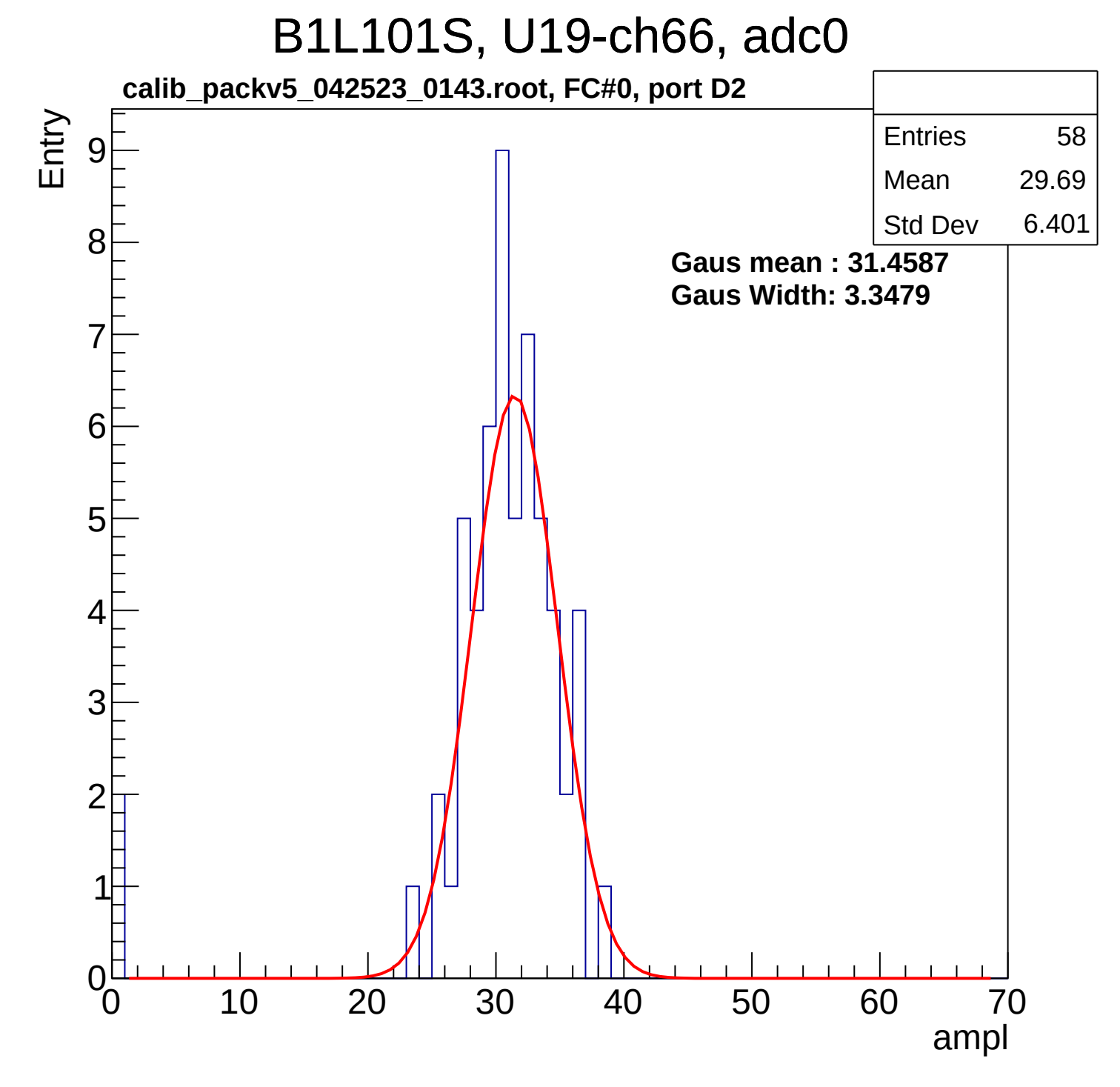
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch66, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 29.69
Std Dev 6.401
Gaus mean : 31.4587
Gaus Width: 3.3479
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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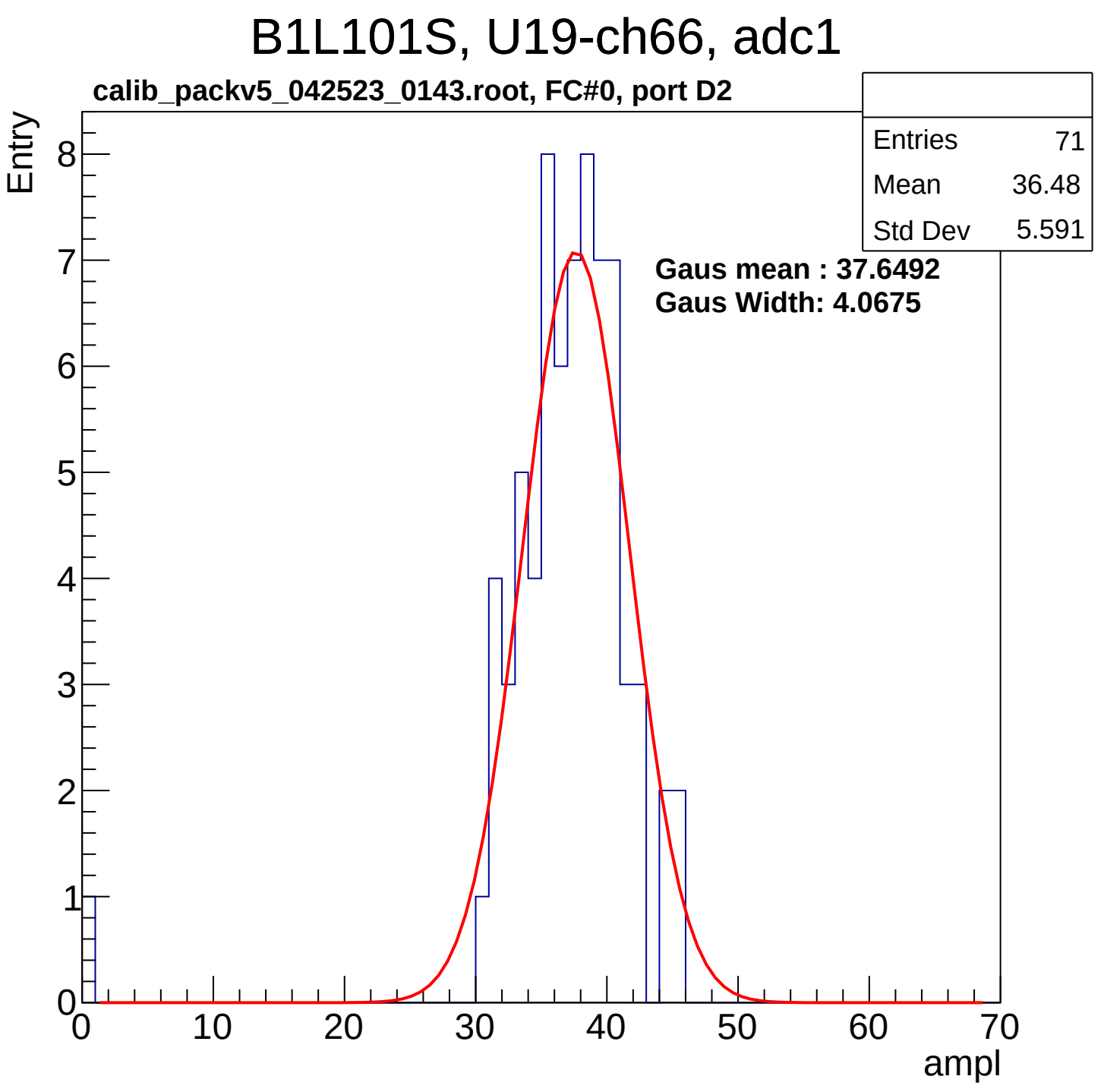
B1L101S, U19-ch66, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 36.48
Std Dev 5.591
Gaus mean : 37.6492
Gaus Width: 4.0675
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
50
60
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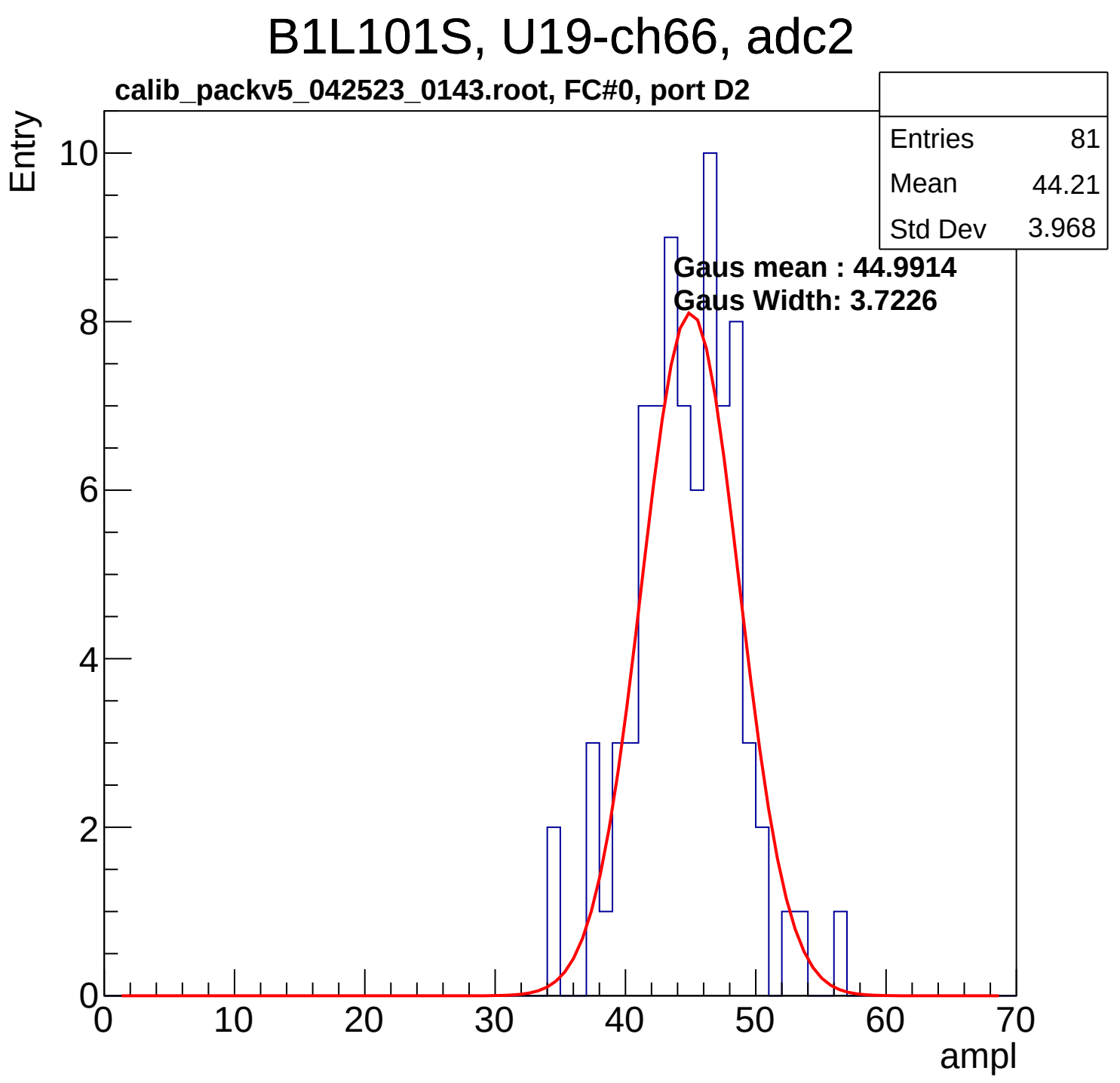
B1L101S, U19-ch66, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 44.21
Std Dev 3.968
Gaus mean : 44.9914
Gaus Width: 3.7226
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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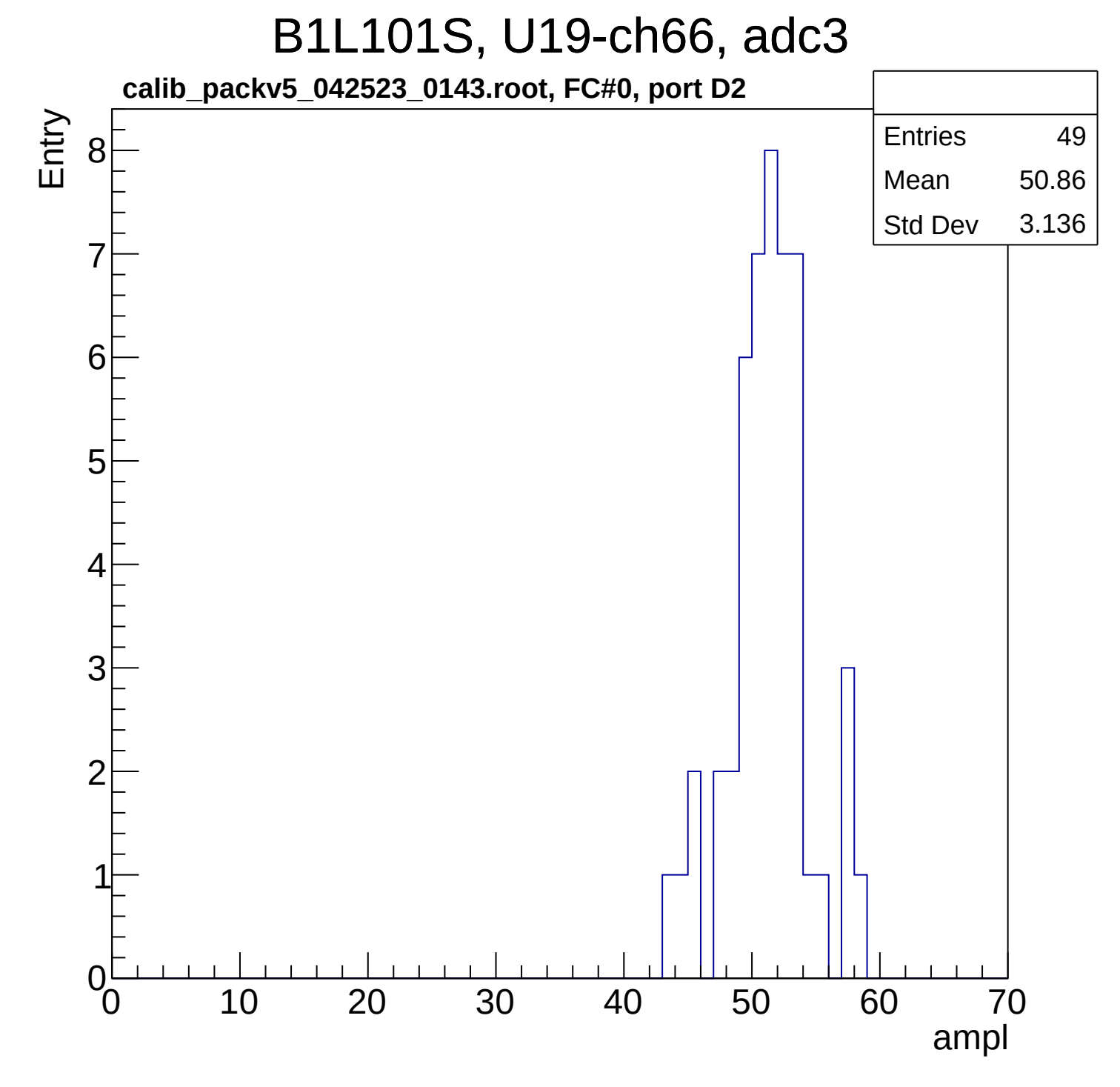
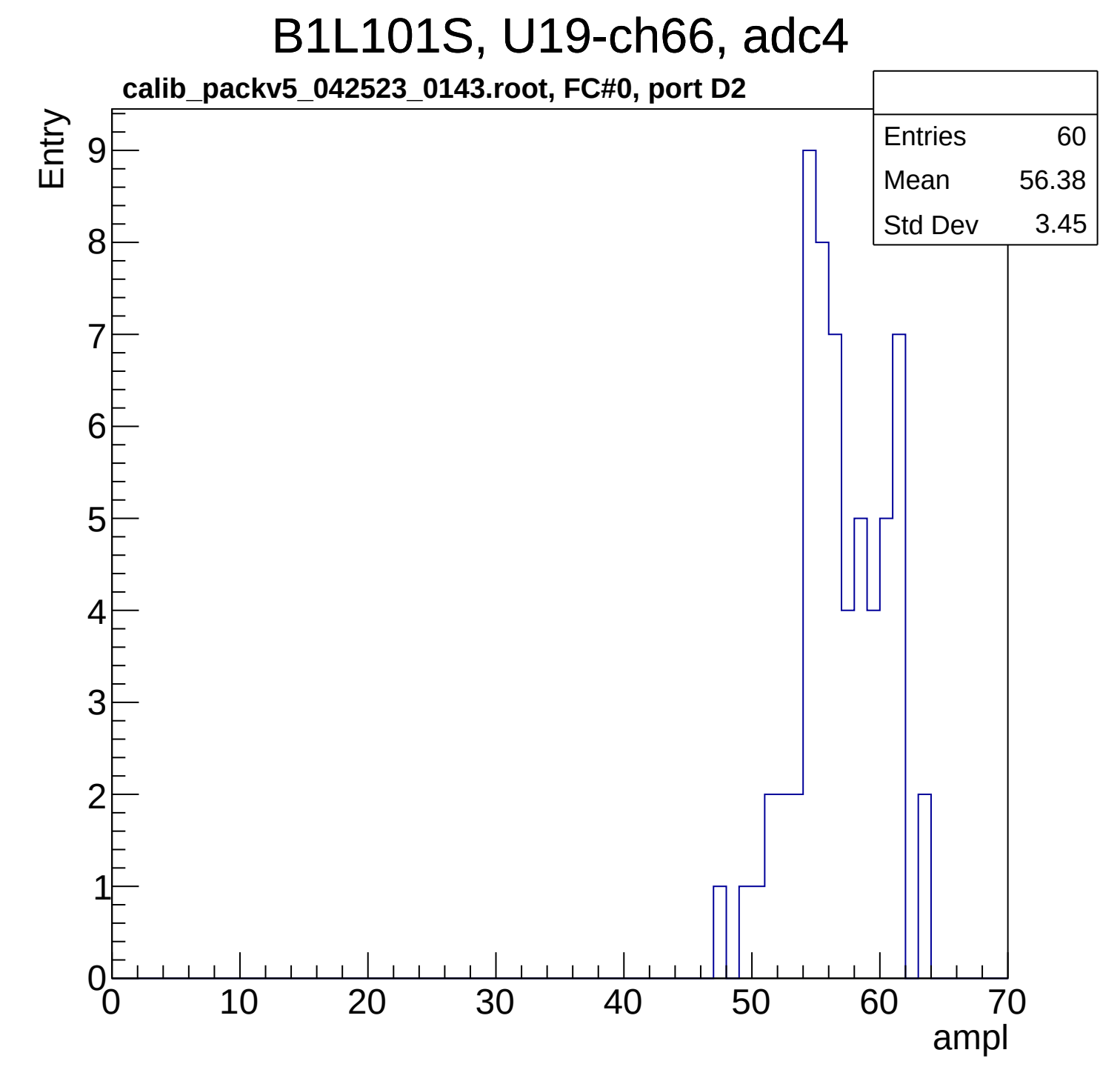

B1L101S, U19-ch66, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 50.86
Std Dev 3.136
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch66, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 56.38
Std Dev 3.45
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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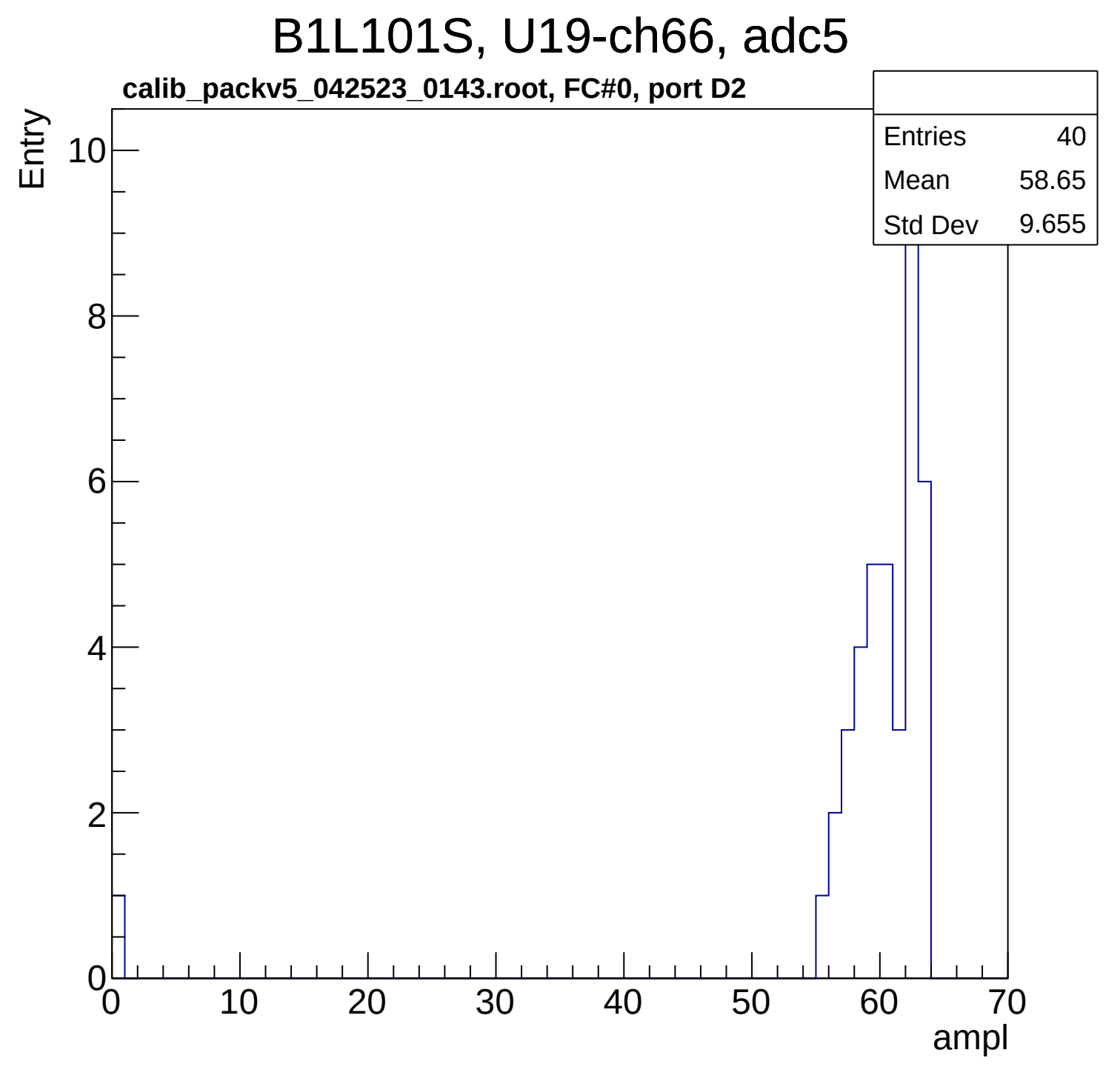
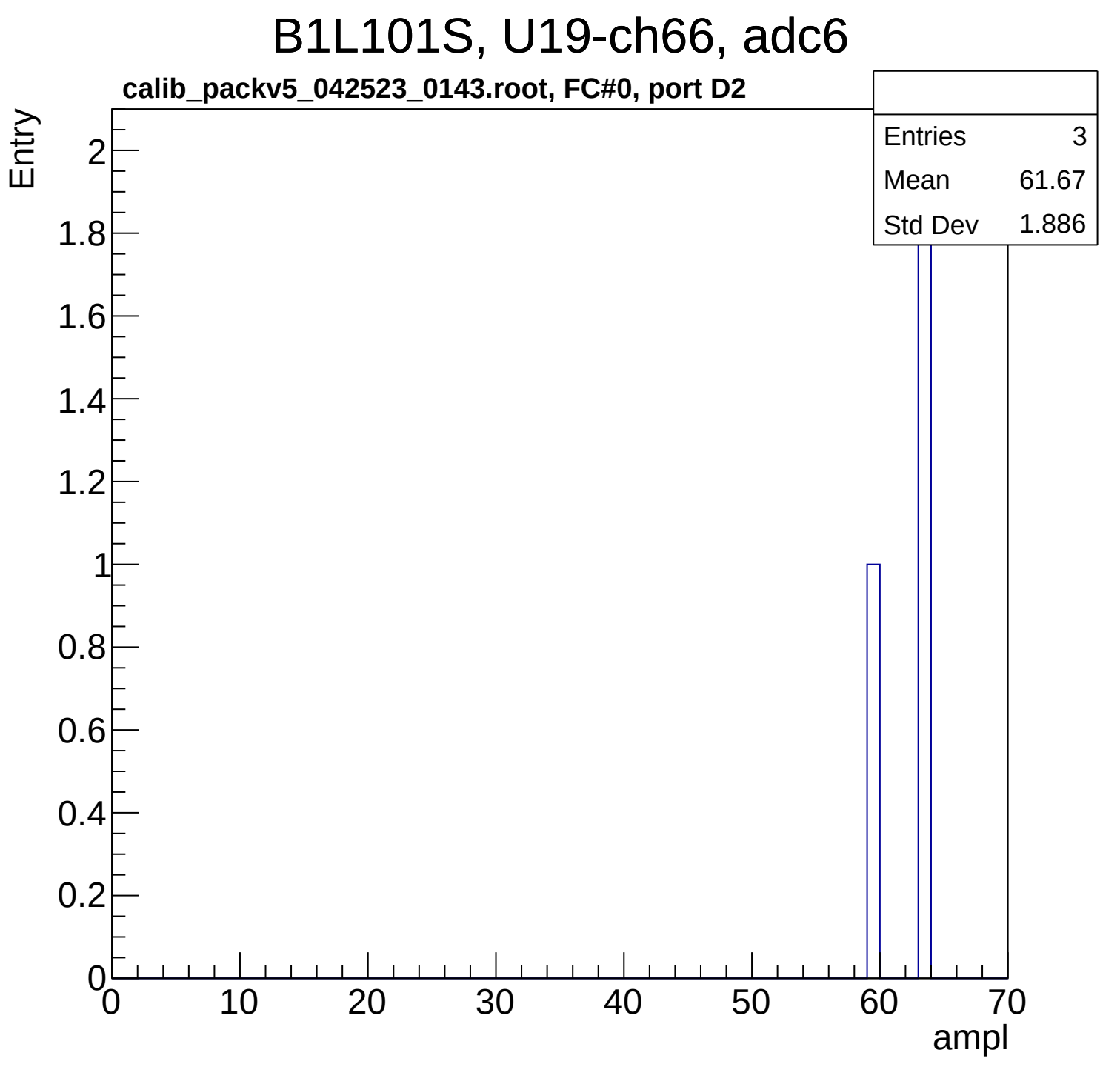
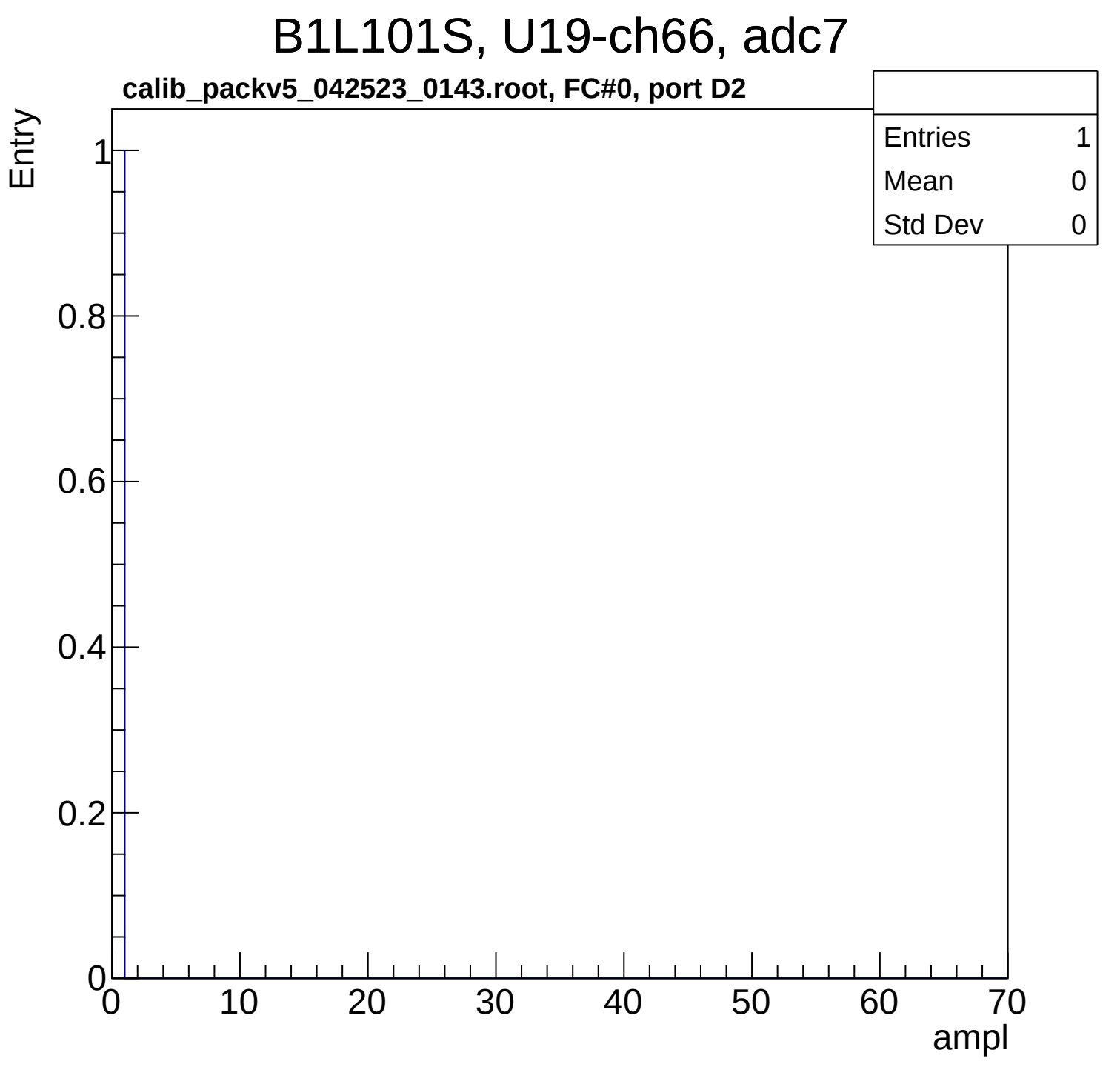
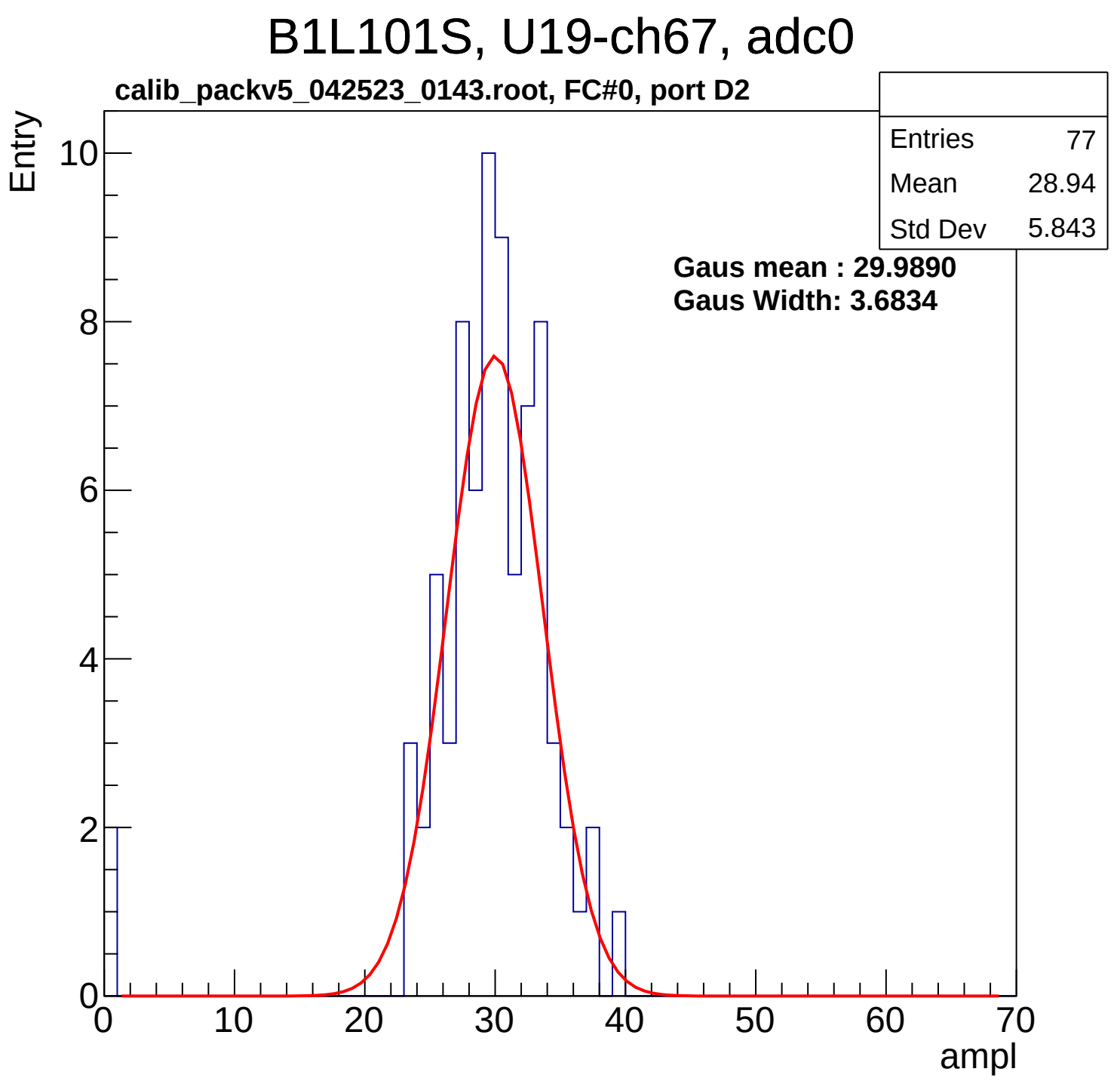
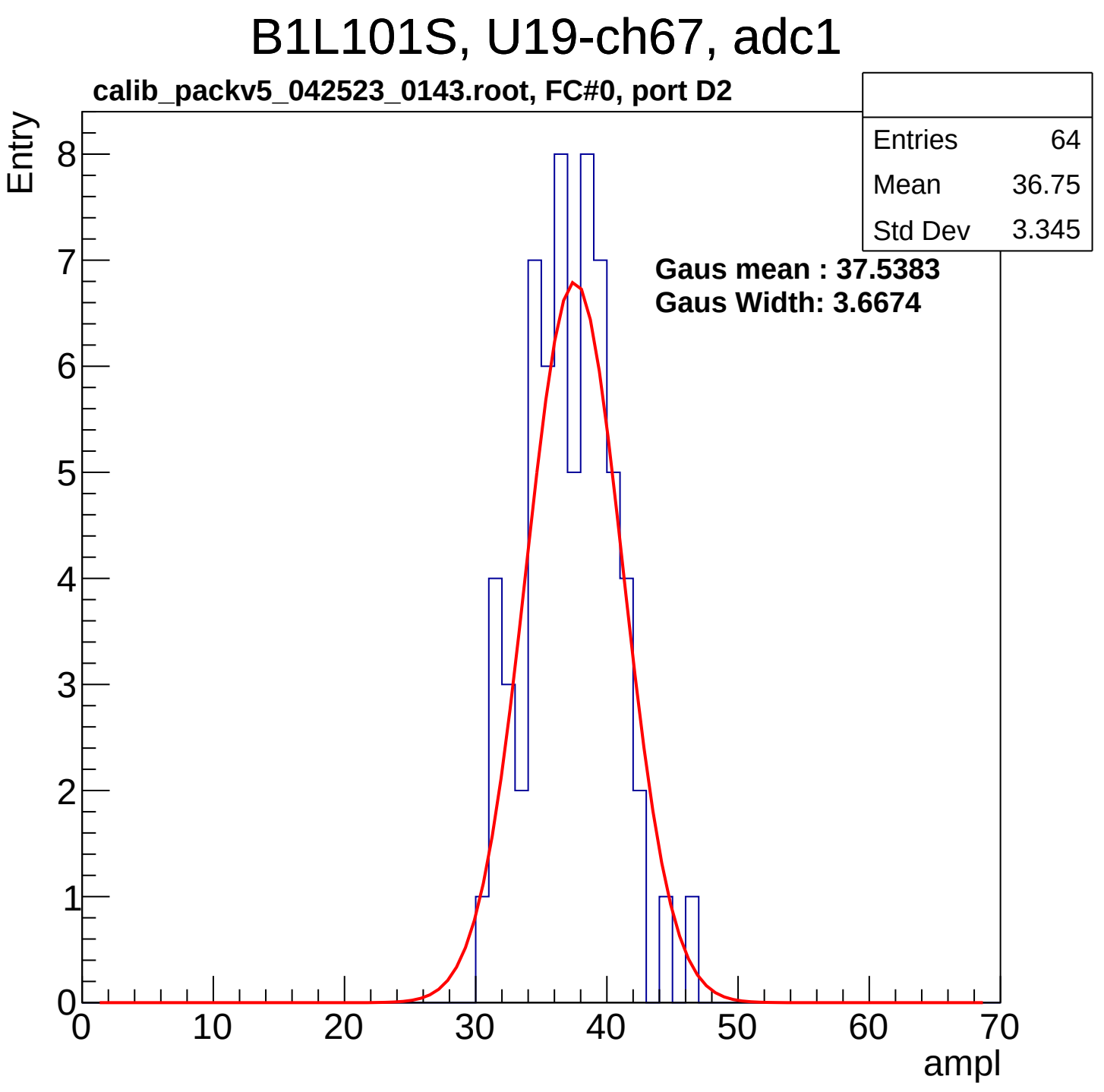

B1L101S, U19-ch66, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 58.65
Std Dev 9.655
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch66, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 61.67
Std Dev 1.886
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch66, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch67, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 28.94
Std Dev 5.843
Gaus mean : 29.9890
Gaus Width: 3.6834
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch67, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 36.75
Std Dev 3.345
Gaus mean : 37.5383
Gaus Width: 3.6674
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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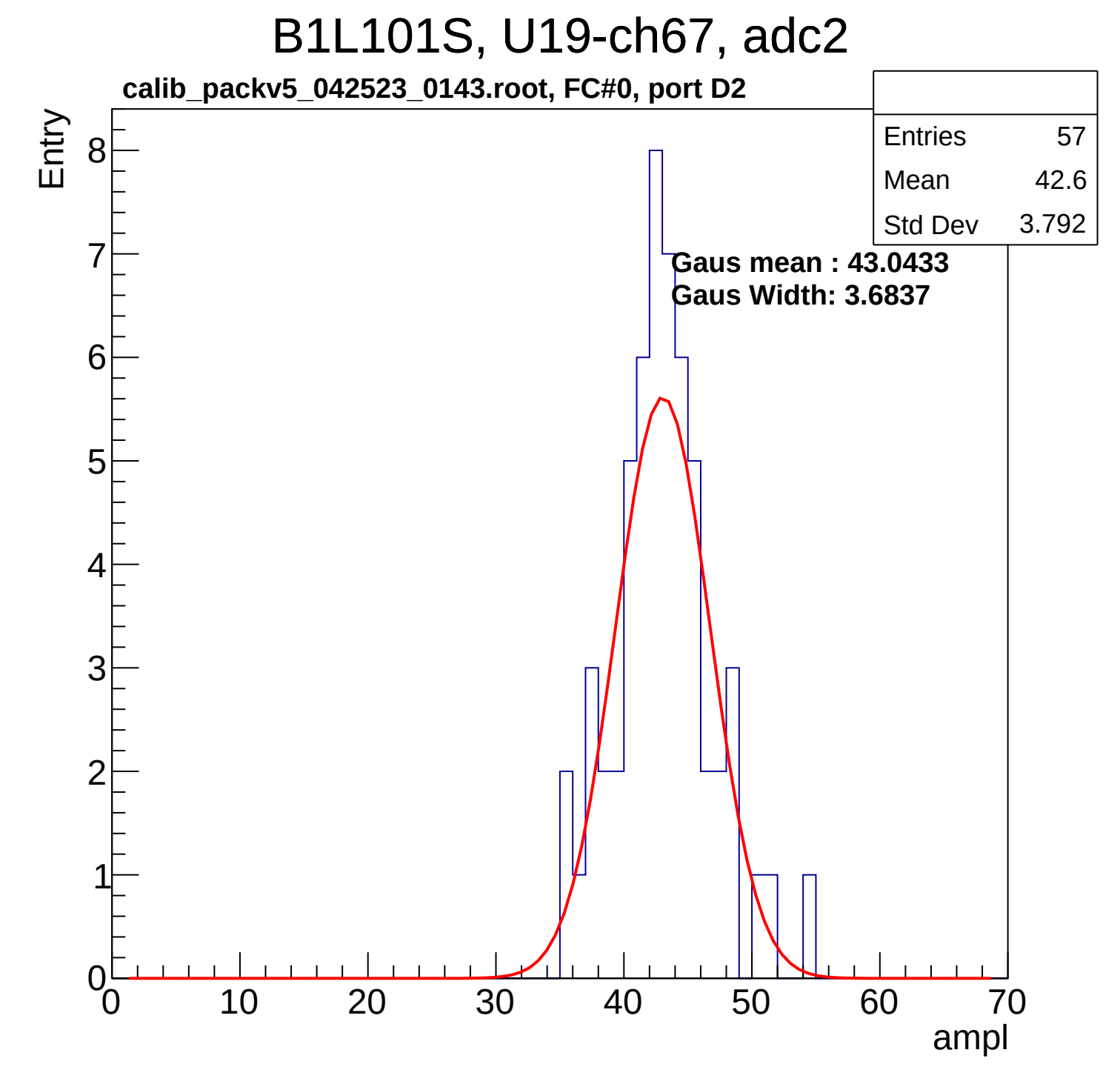
B1L101S, U19-ch67, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 42.6
Std Dev 3.792
Gaus mean : 43.0433
Gaus Width: 3.6837
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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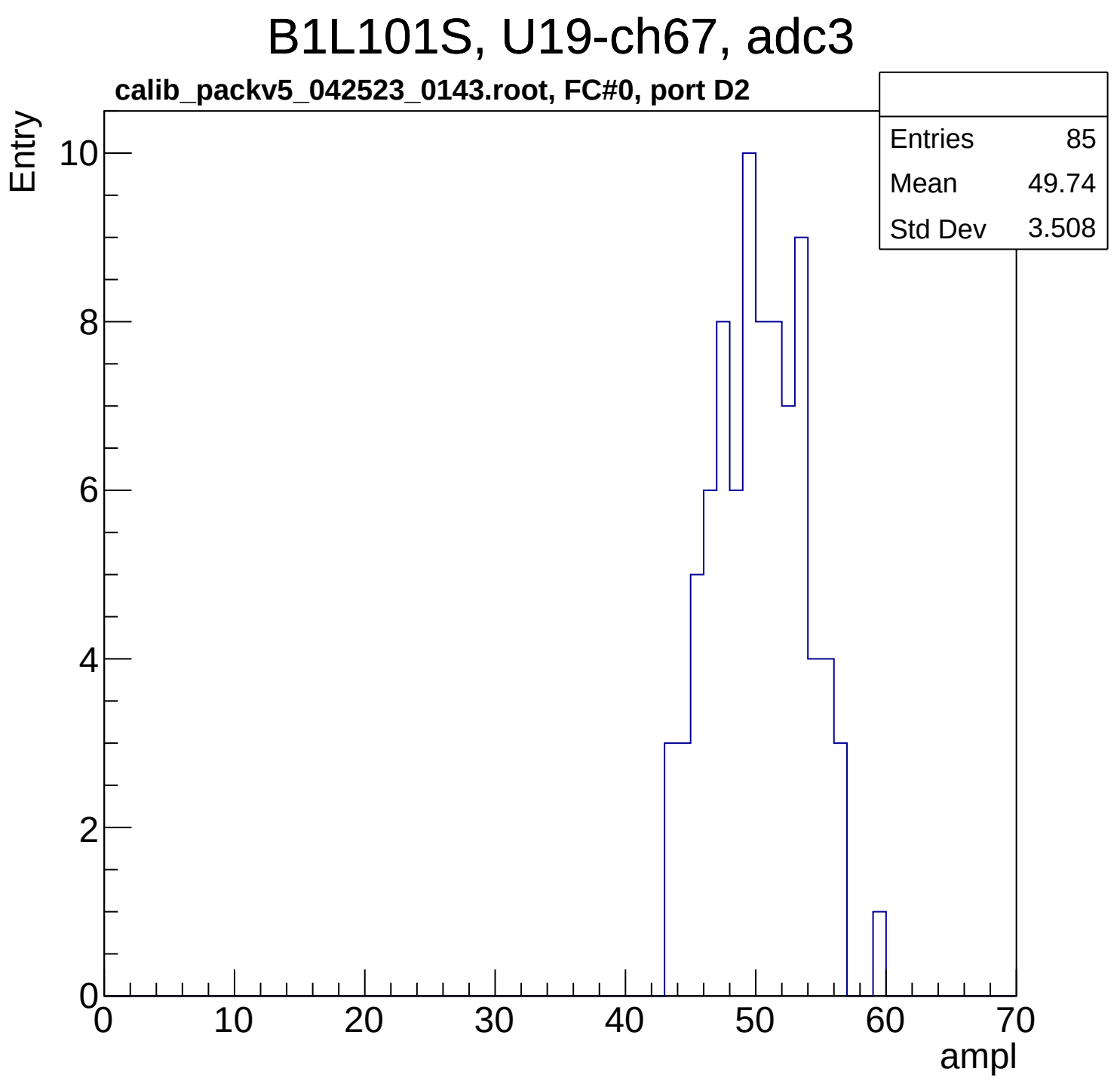
B1L101S, U19-ch67, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 49.74
Std Dev 3.508
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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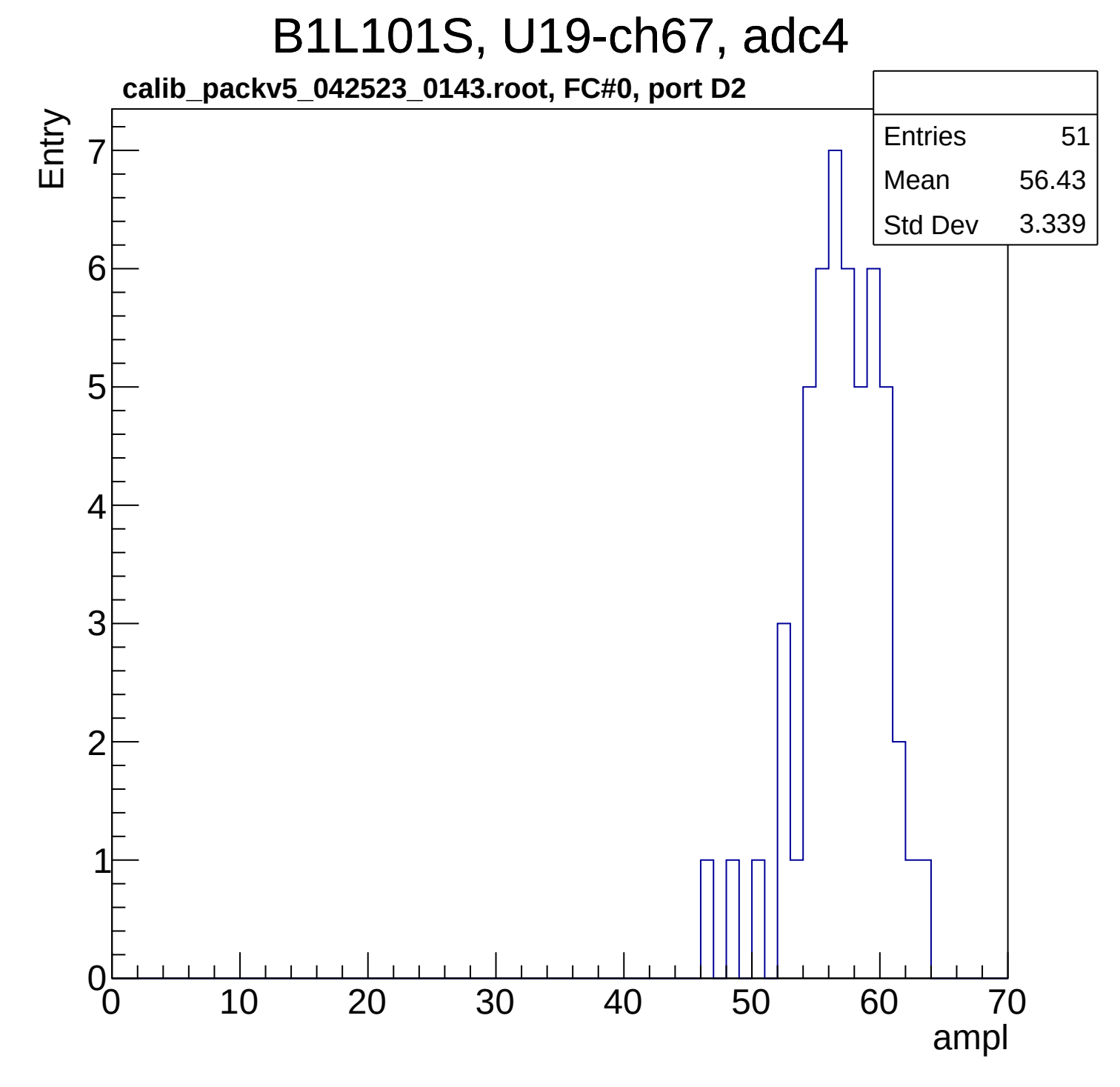
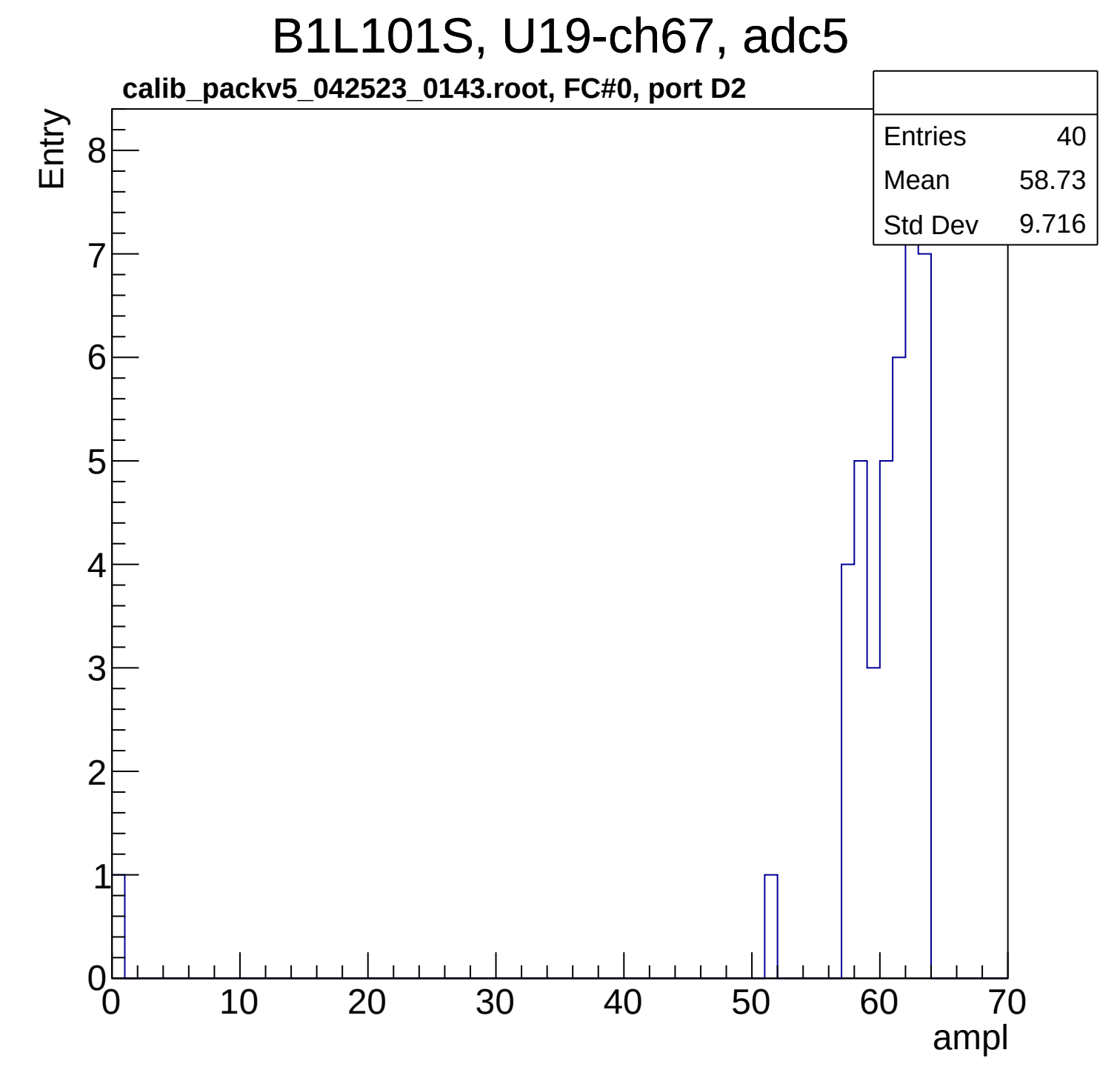

B1L101S, U19-ch67, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 56.43
Std Dev 3.339
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch67, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 58.73
Std Dev 9.716
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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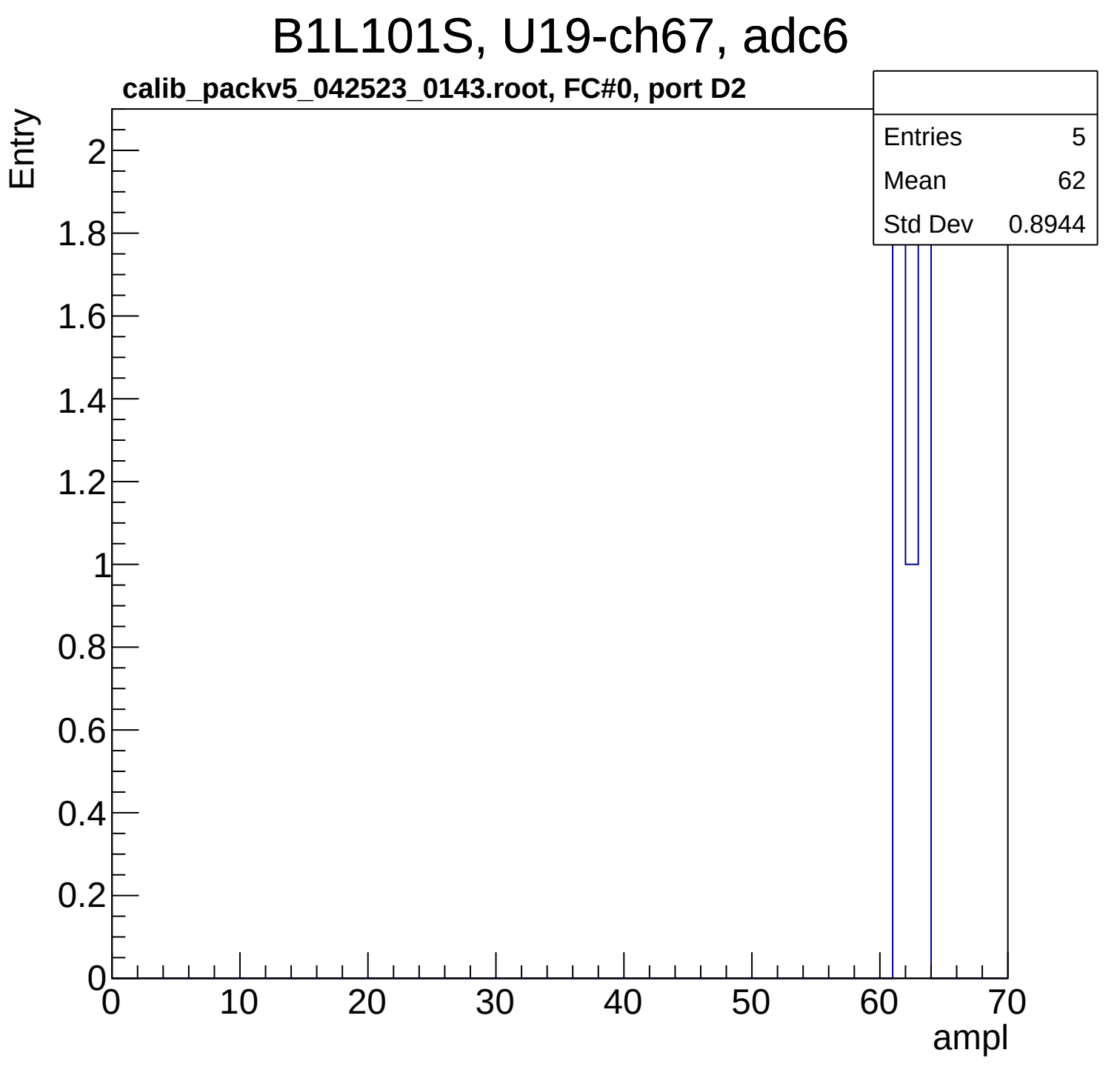
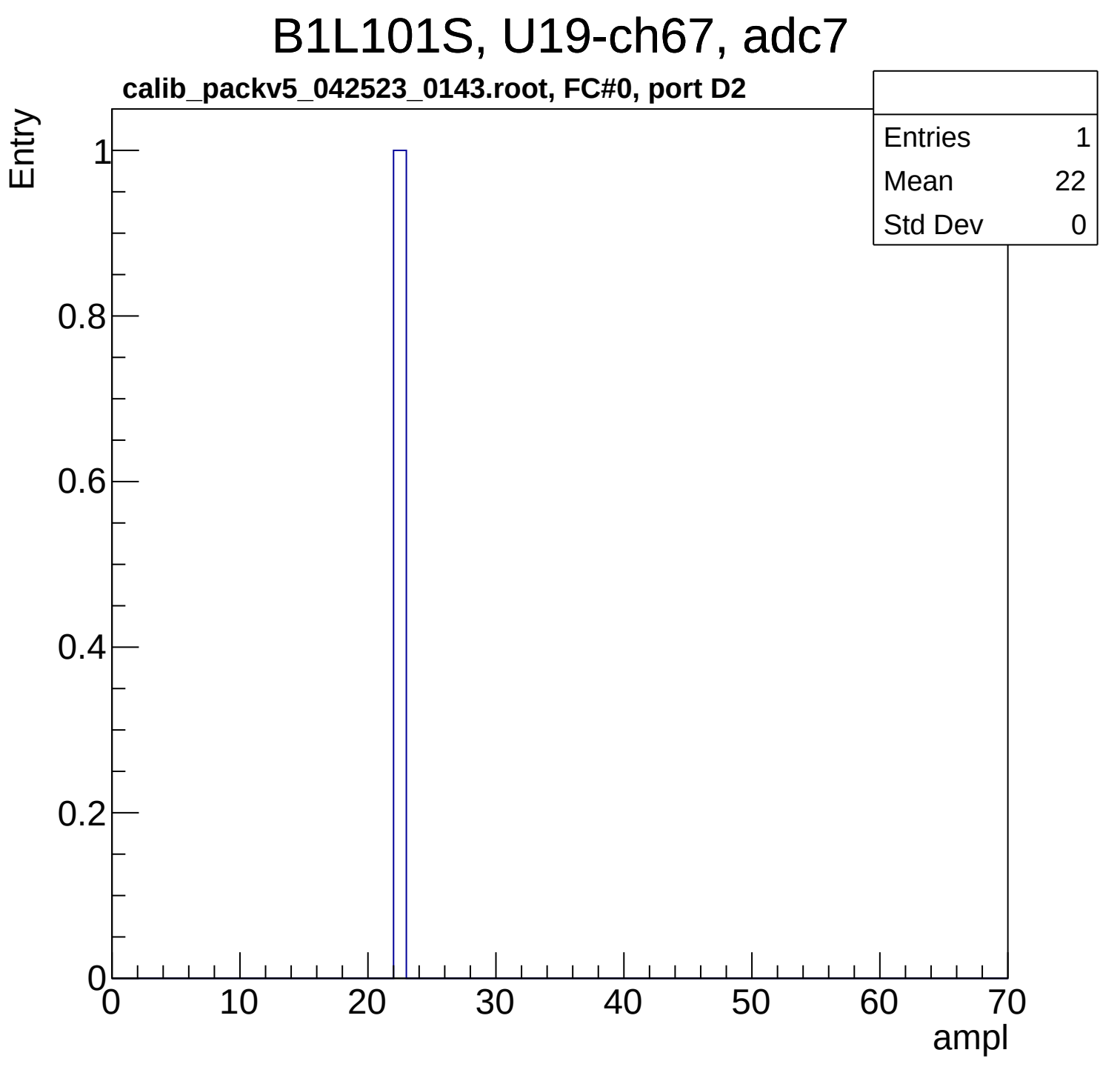

B1L101S, U19-ch67, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 62
Std Dev 0.8944
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch67, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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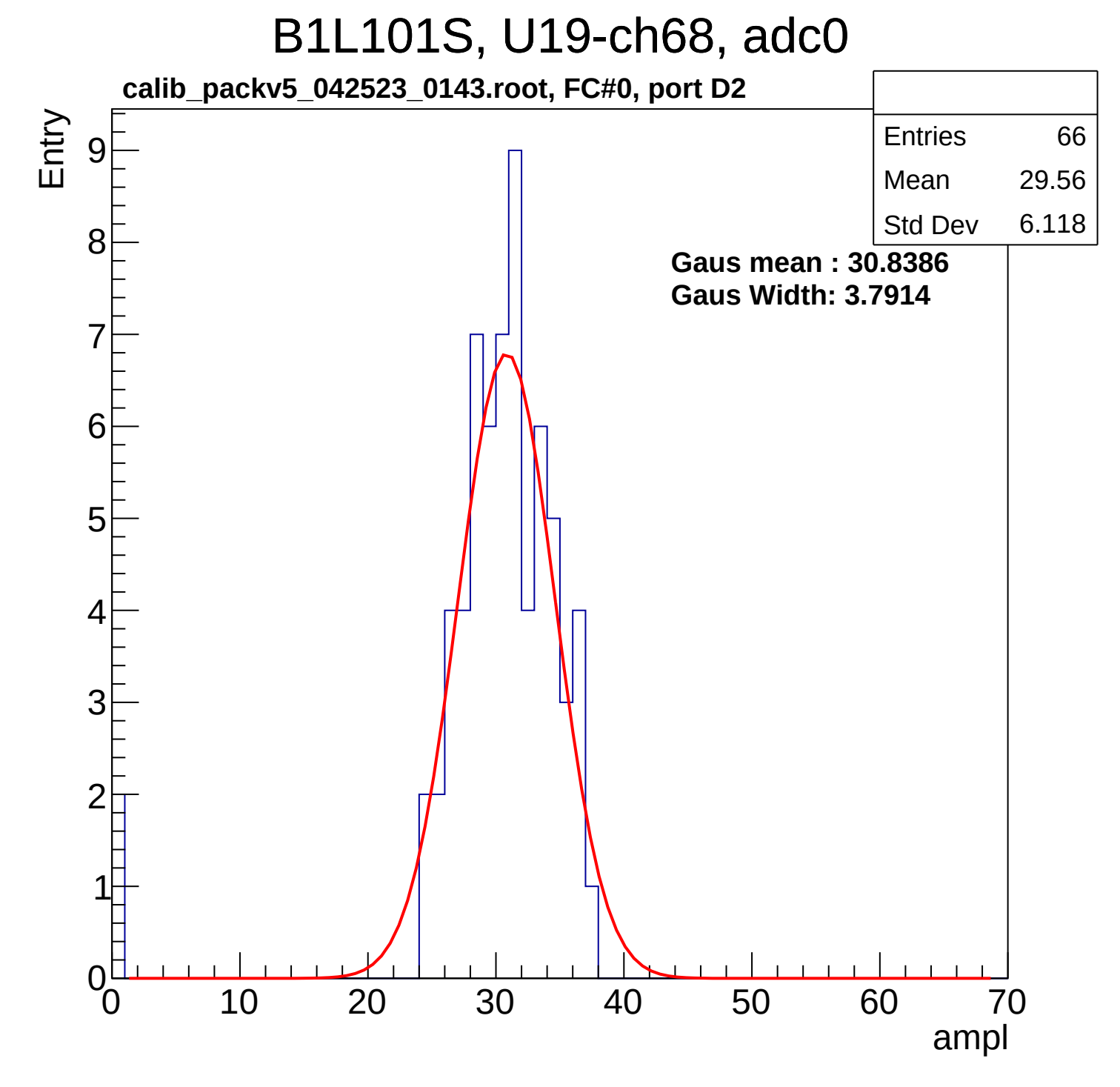
30
40
50
60
70
ampl


B1L101S, U19-ch68, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 29.56
Std Dev 6.118
Gaus mean : 30.8386
Gaus Width: 3.7914
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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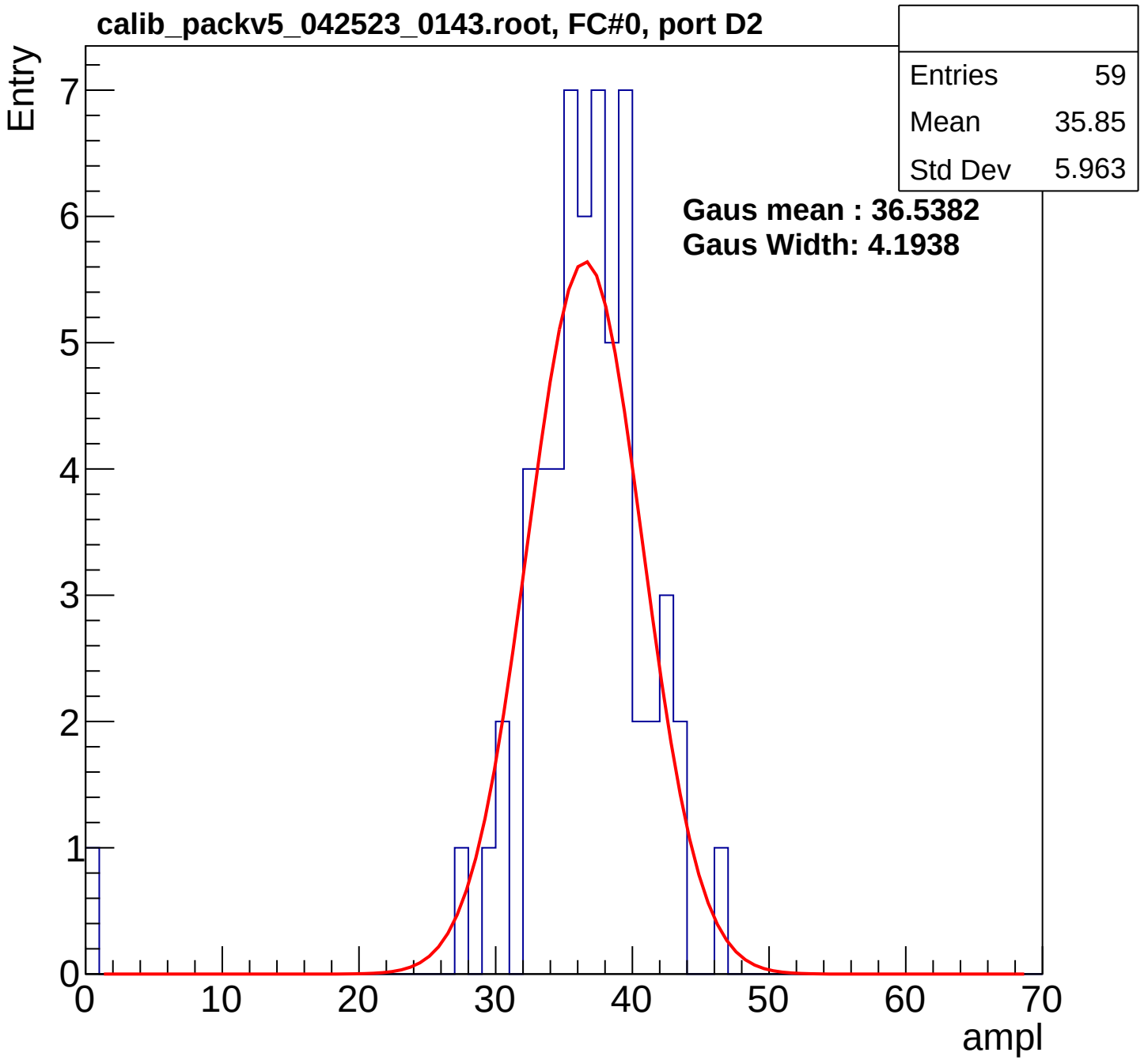
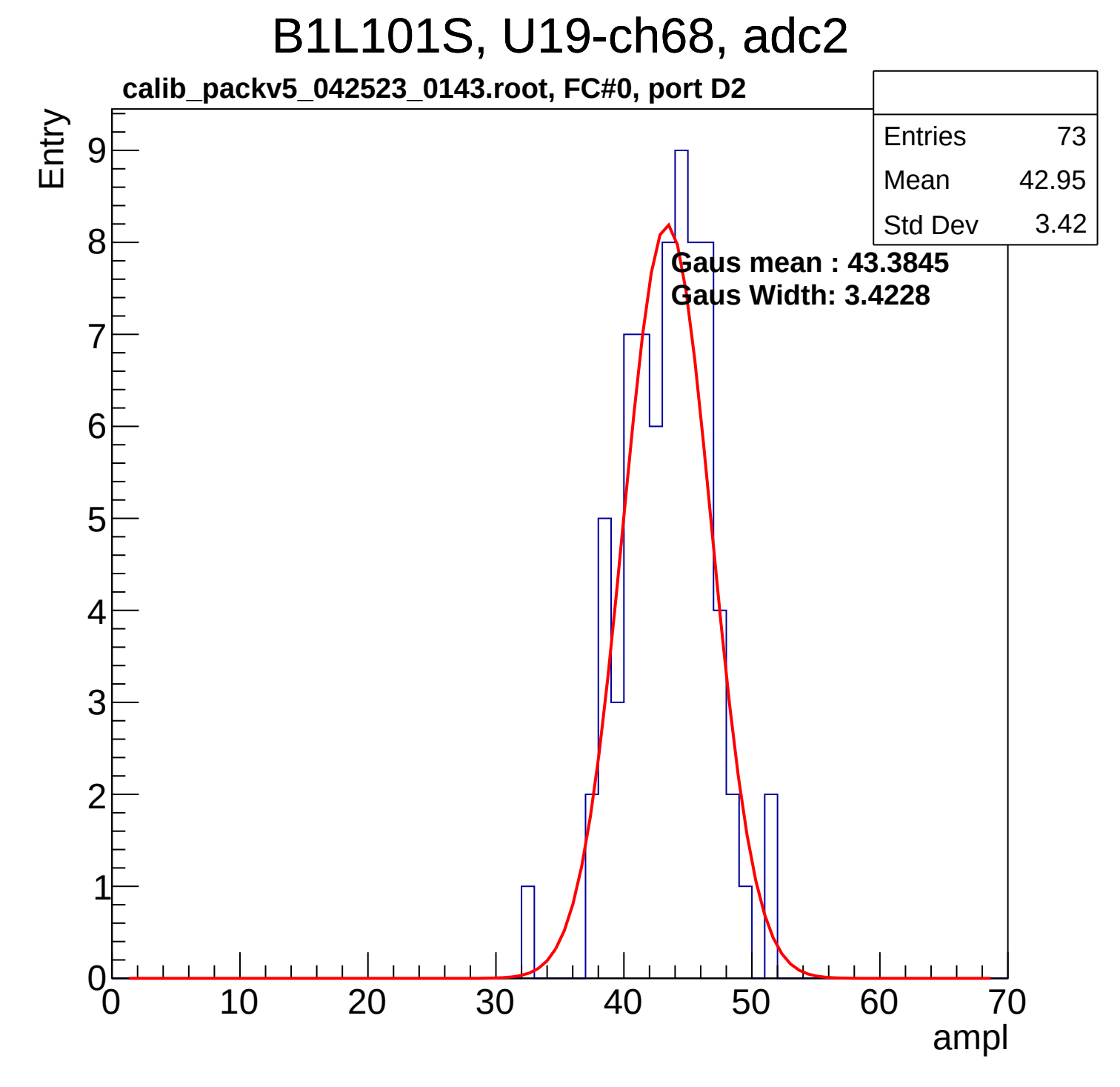

B1L101S, U19-ch68, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 35.85
Std Dev 5.963
Gaus mean : 36.5382
Gaus Width: 4.1938
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch68, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 42.95
Std Dev 3.42
Gaus mean : 43.3845
Gaus Width: 3.4228
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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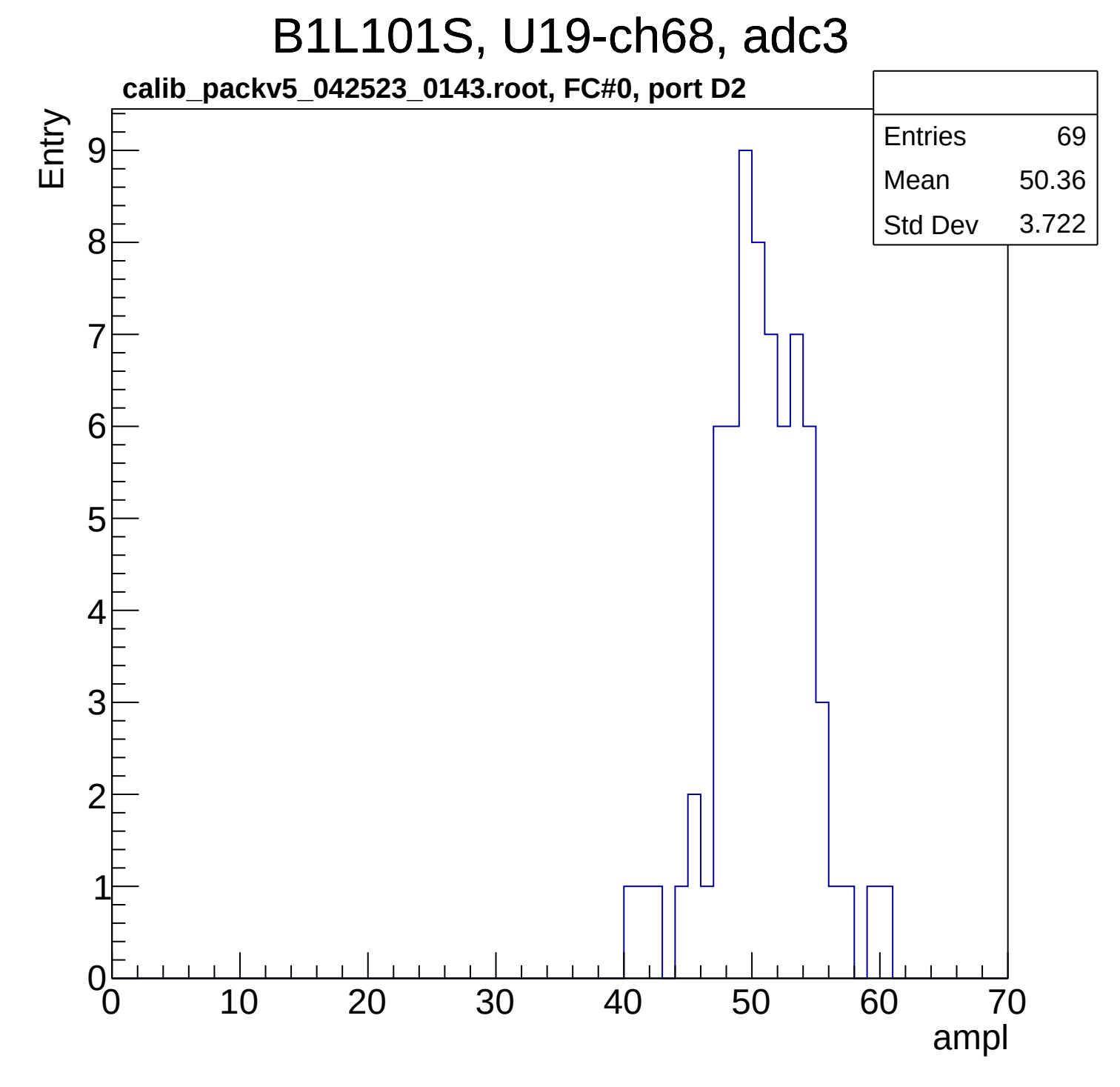
B1L101S, U19-ch68, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 50.36
Std Dev 3.722
Entry
ampl
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2
3
4
5
6
7
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0
10
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60
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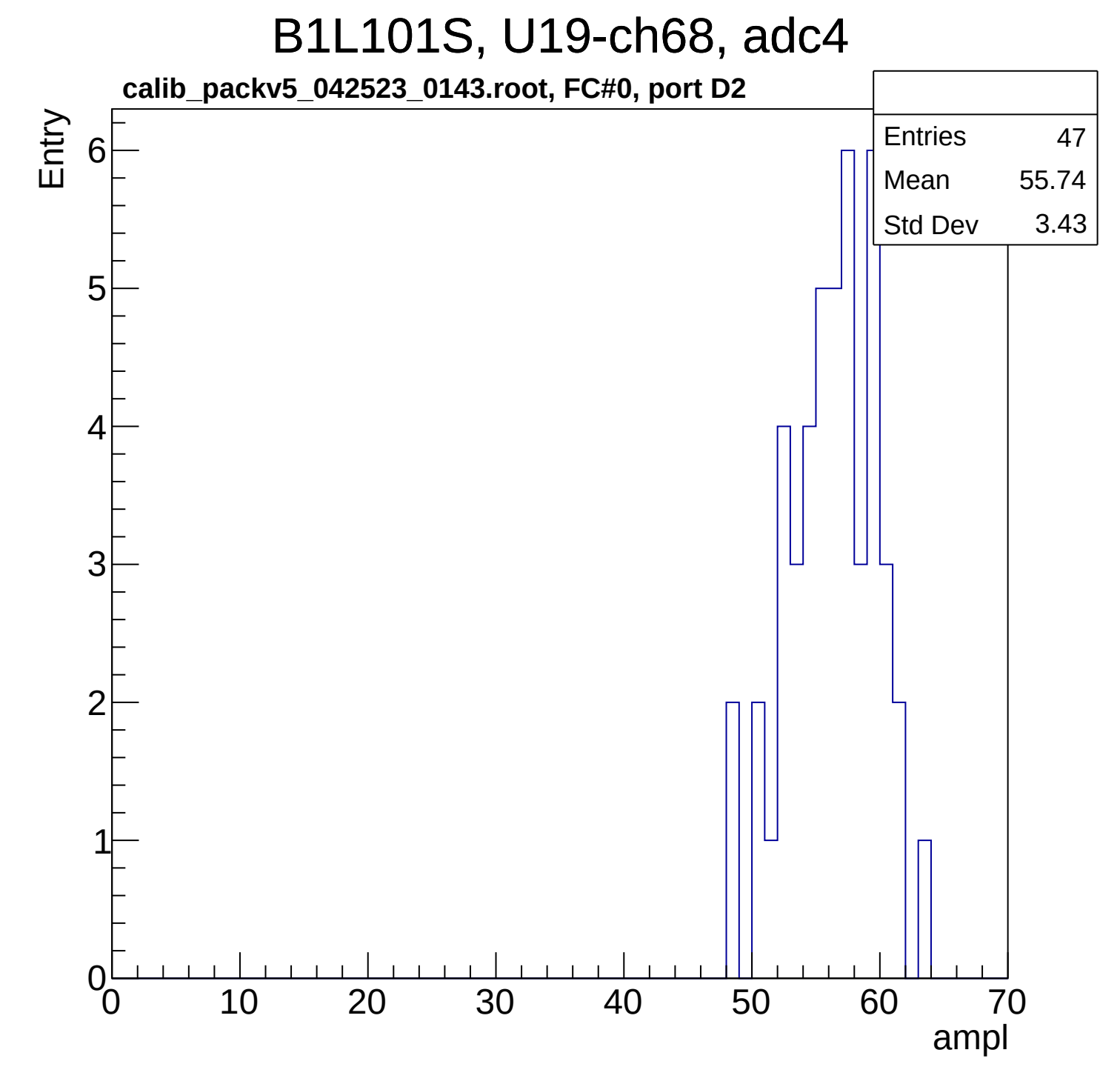
B1L101S, U19-ch68, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 55.74
Std Dev 3.43
Entry
ampl
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3
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0
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60
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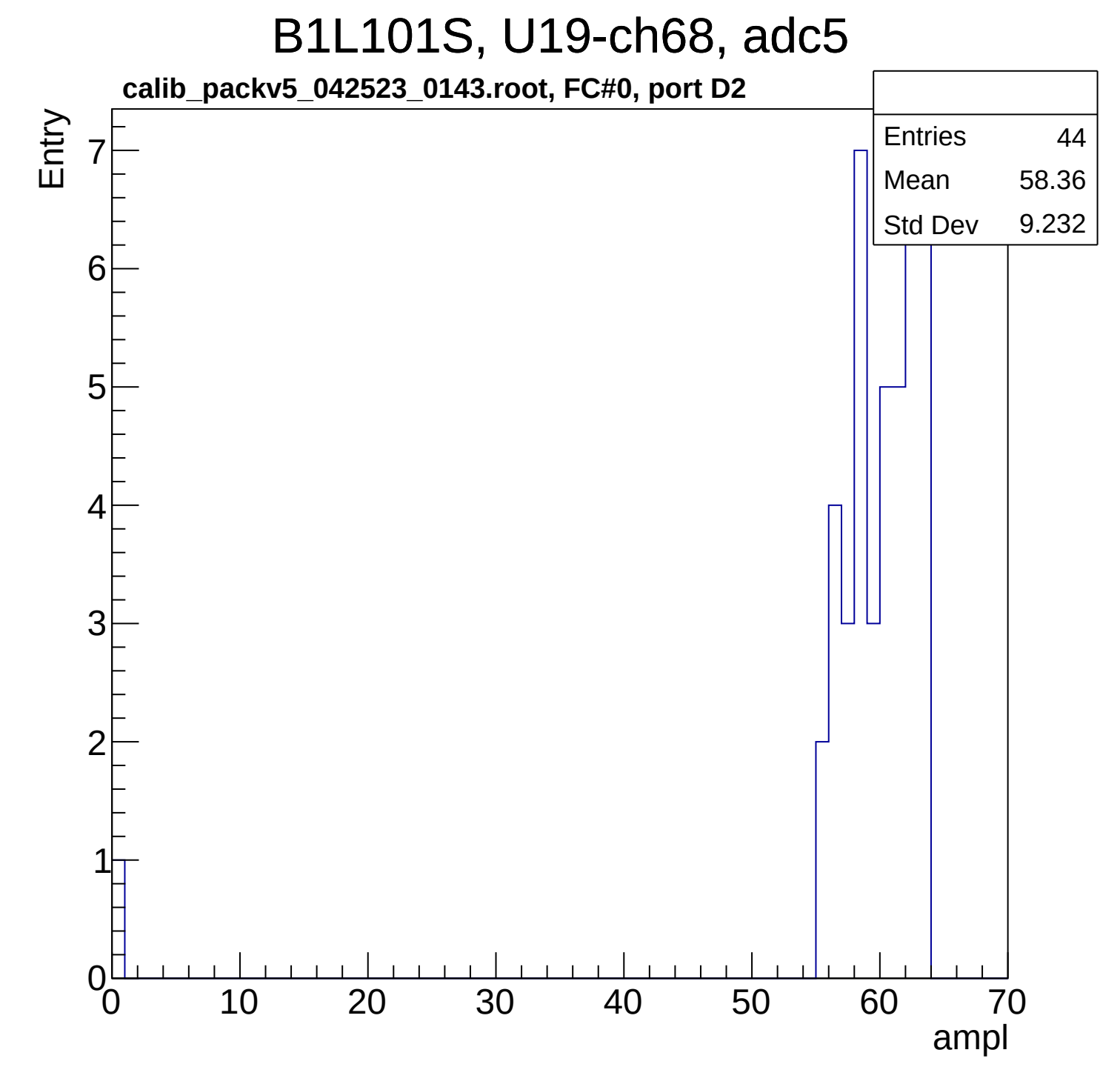
B1L101S, U19-ch68, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 58.36
Std Dev 9.232
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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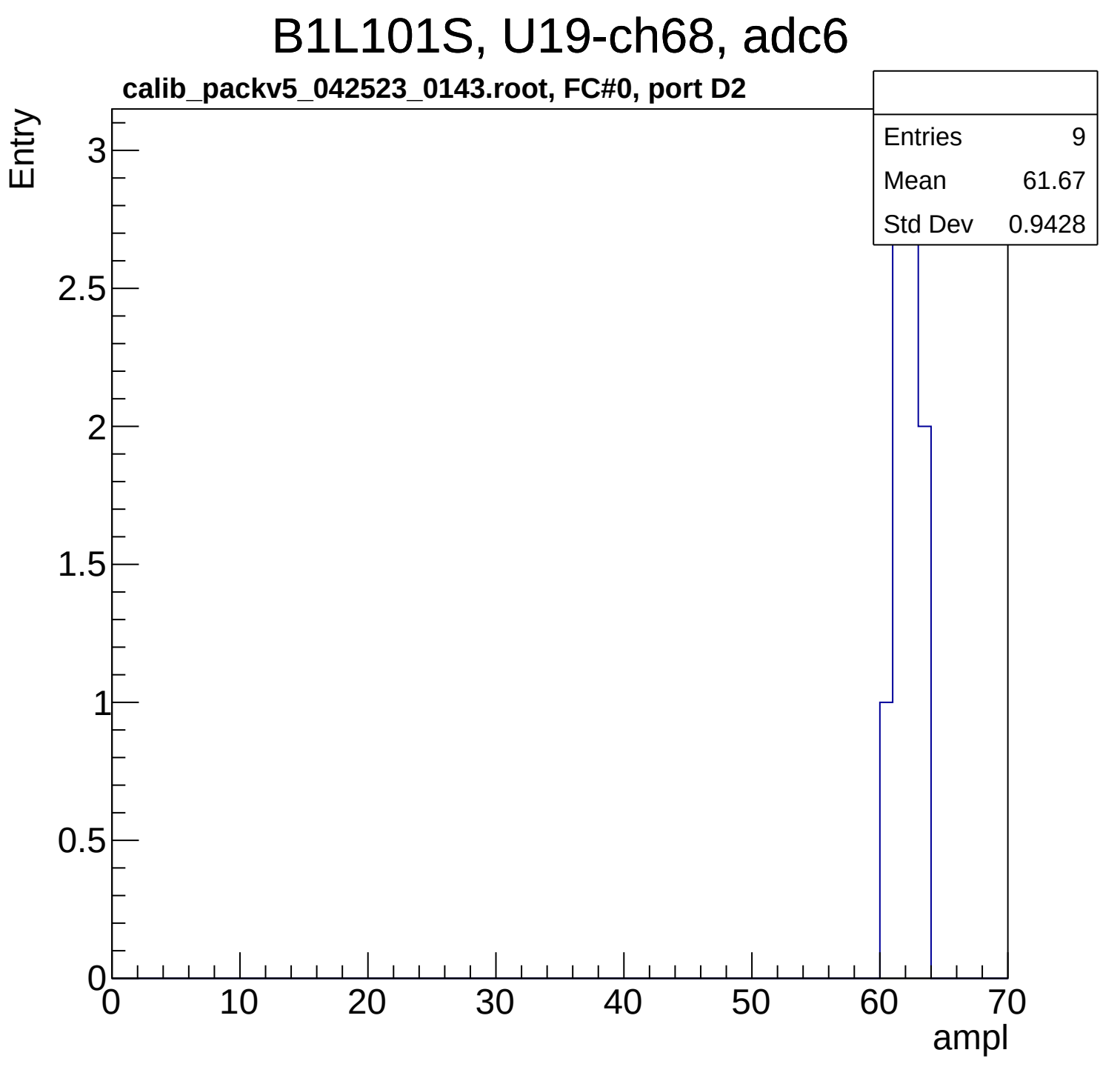
B1L101S, U19-ch68, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 61.67
Std Dev 0.9428
Entry
ampl
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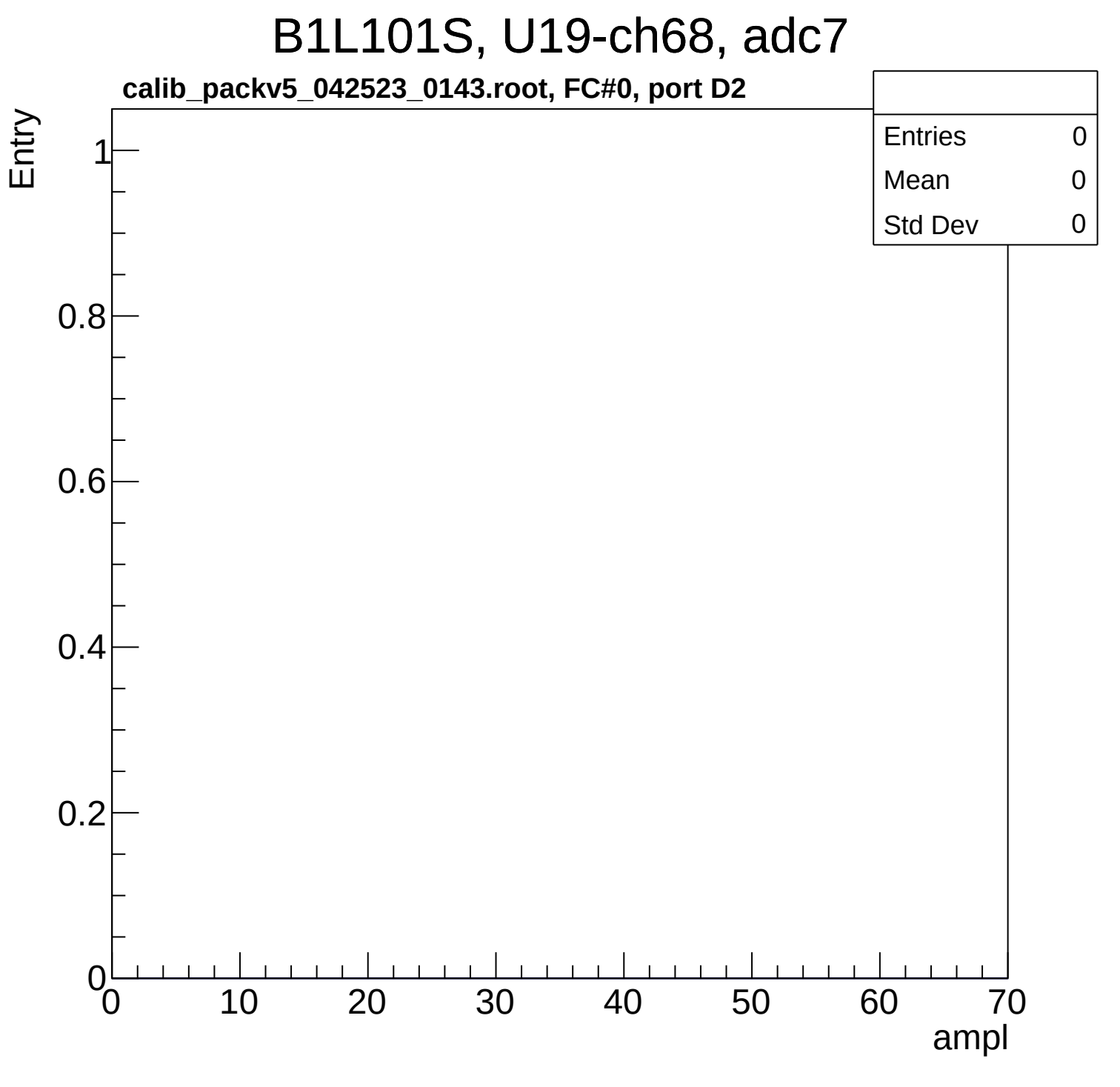
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch68, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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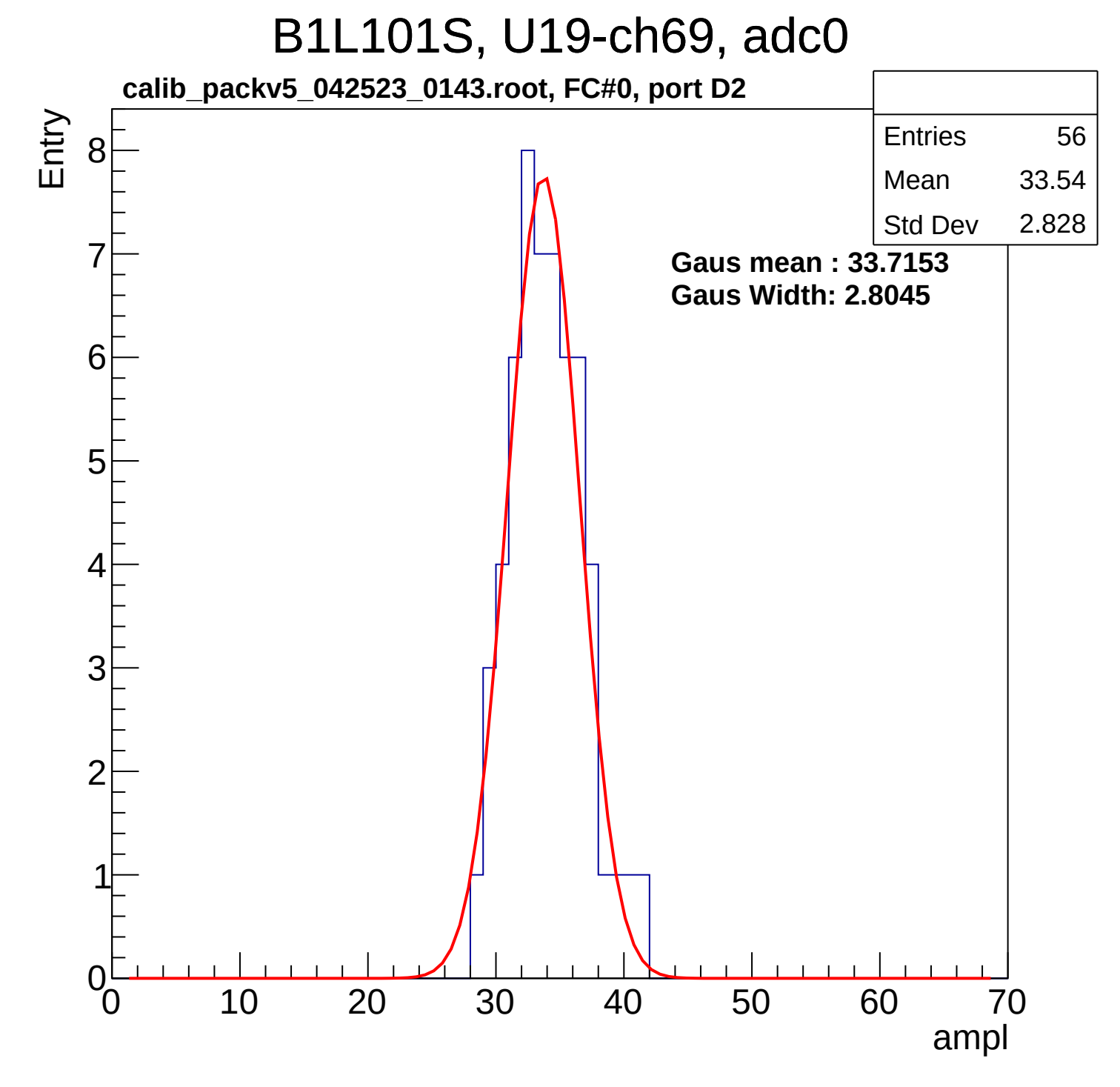
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch69, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 33.54
Std Dev 2.828
Gaus mean : 33.7153
Gaus Width: 2.8045
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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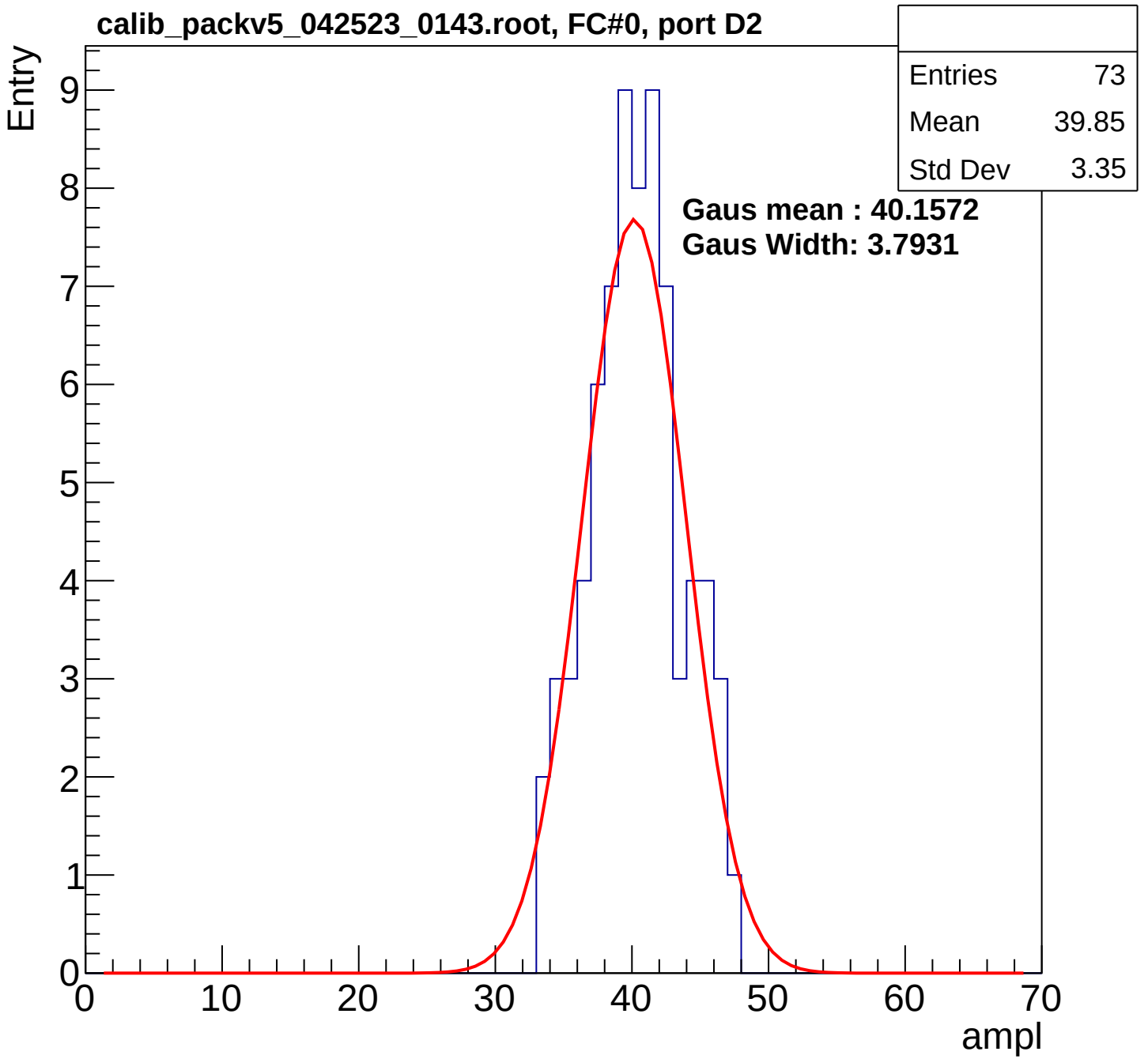
B1L101S, U19-ch69, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 39.85
Std Dev 3.35
Gaus mean : 40.1572
Gaus Width: 3.7931
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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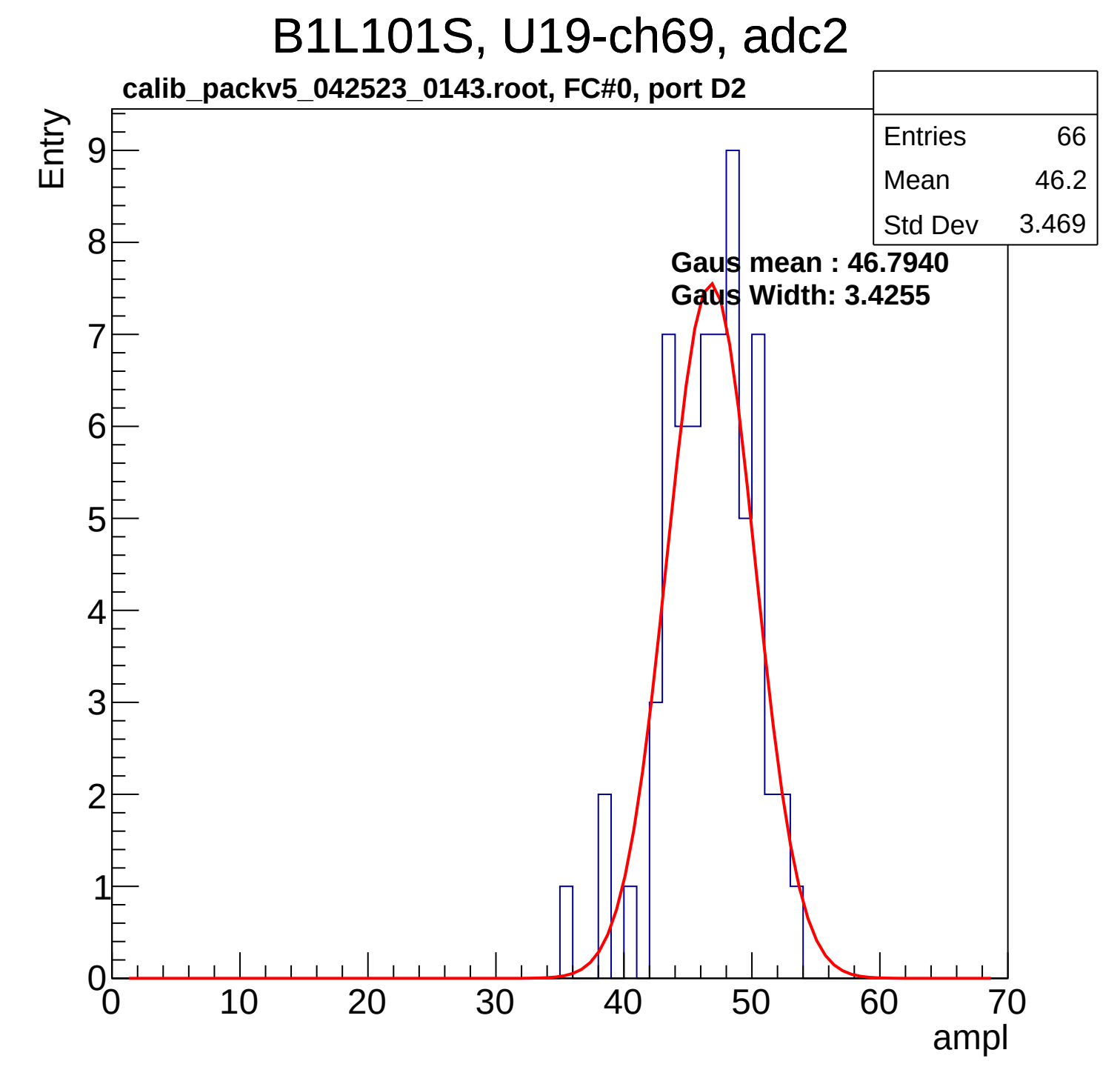
B1L101S, U19-ch69, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 46.2
Std Dev 3.469
Gaus mean : 46.7940
Gaus Width: 3.4255
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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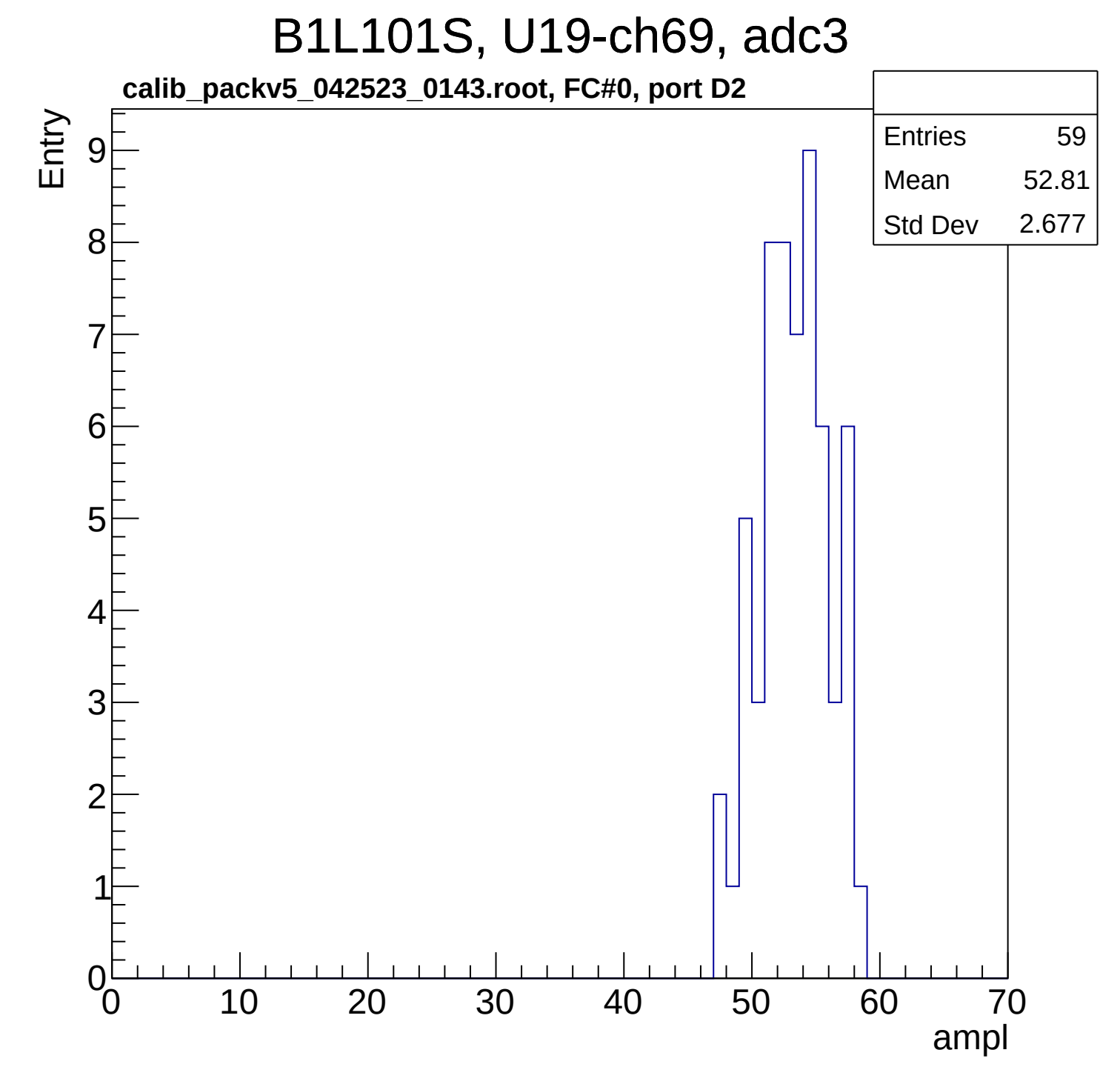
B1L101S, U19-ch69, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 52.81
Std Dev 2.677
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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20
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60
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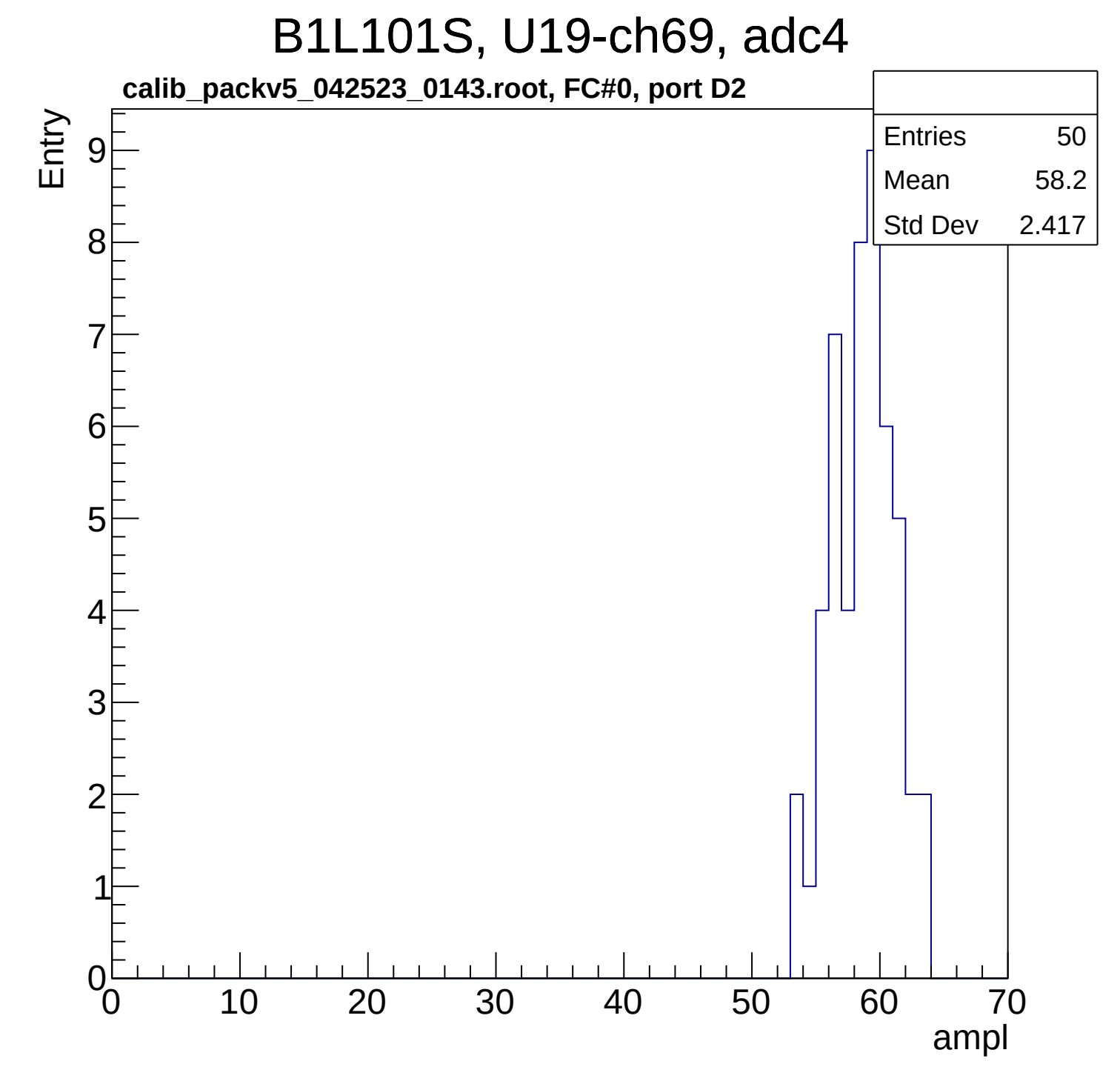
B1L101S, U19-ch69, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 58.2
Std Dev 2.417
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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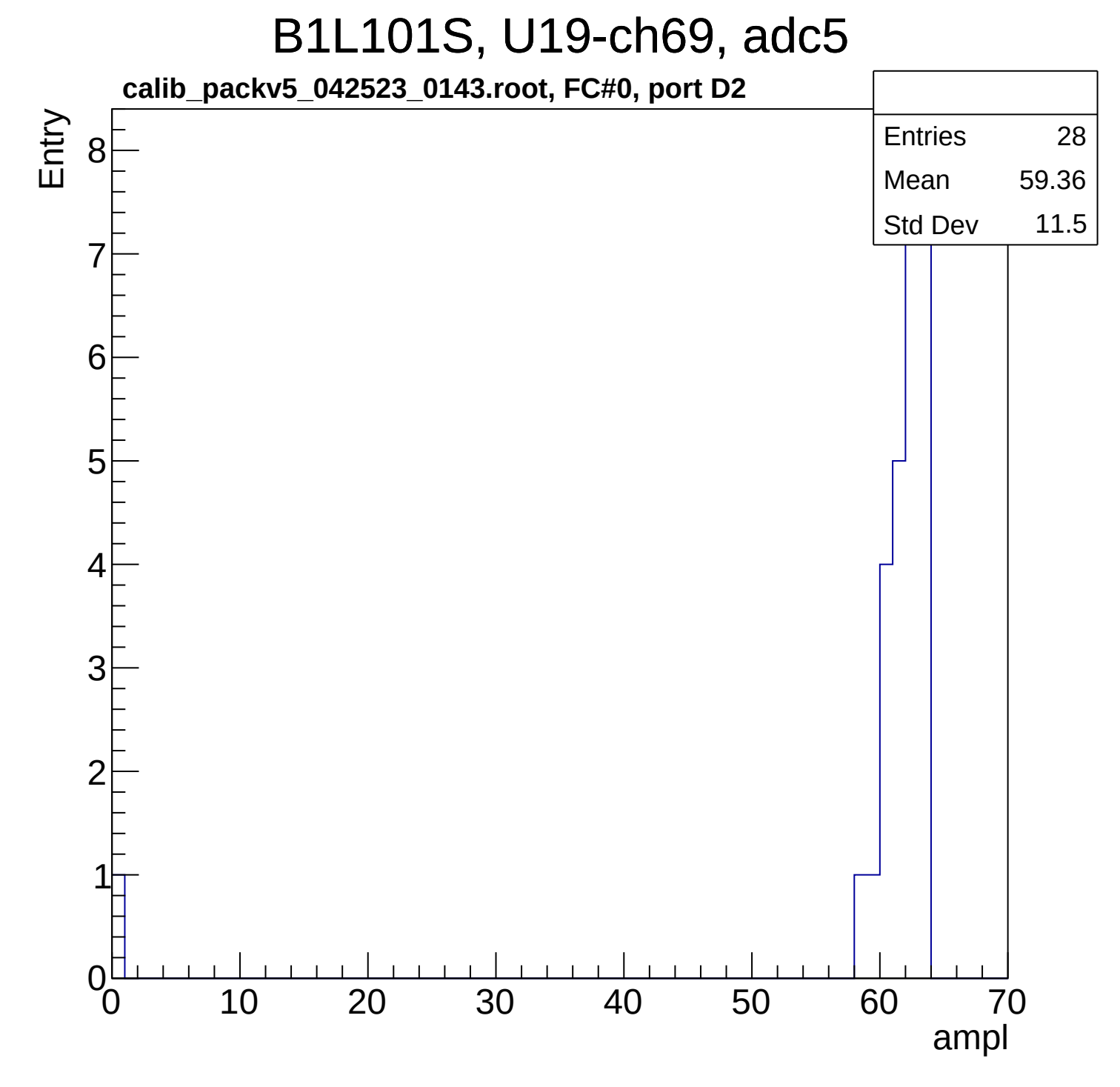
B1L101S, U19-ch69, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 28
Mean 59.36
Std Dev 11.5
Entry
ampl
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1
2
3
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7
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0
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60
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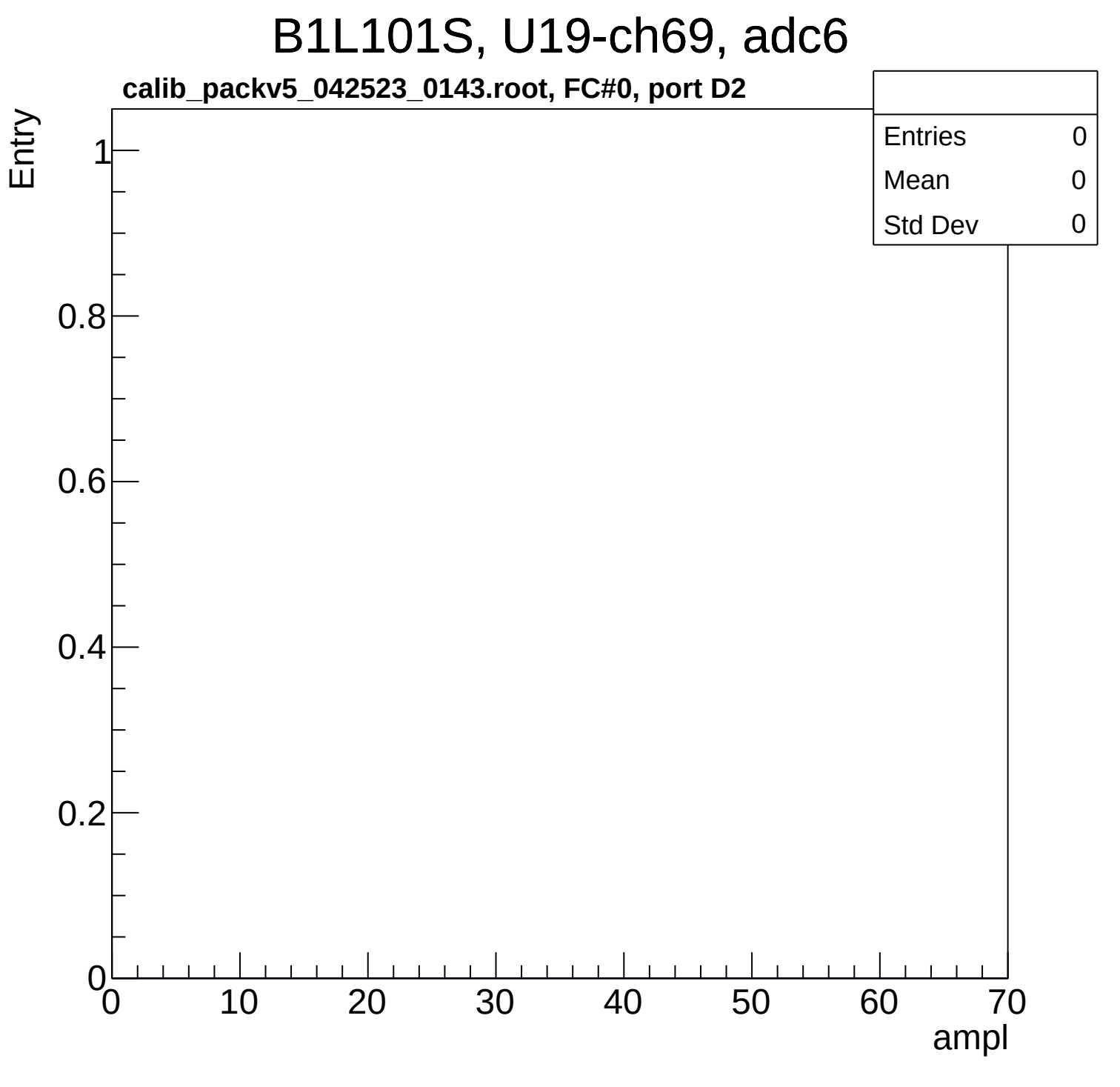
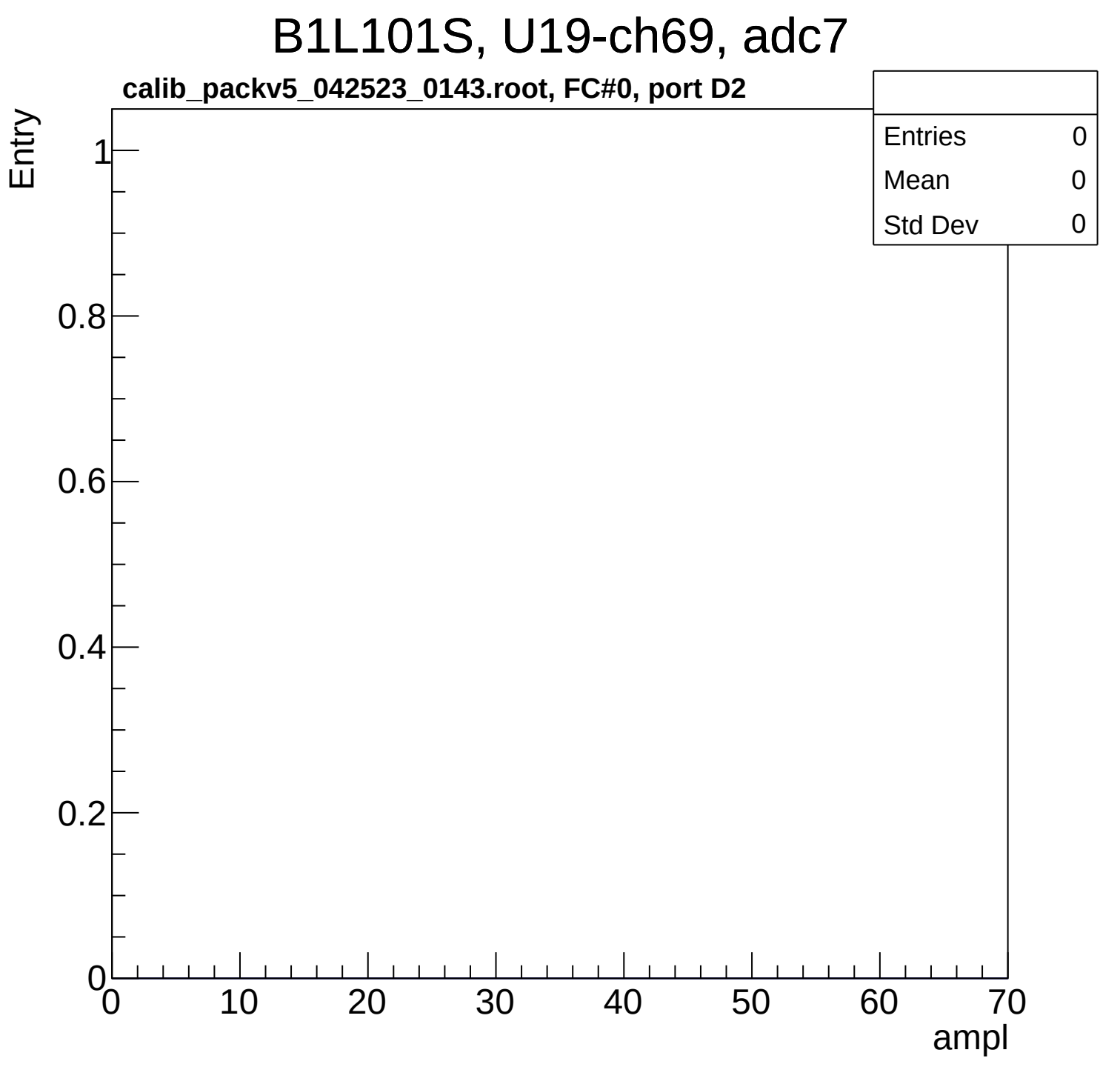
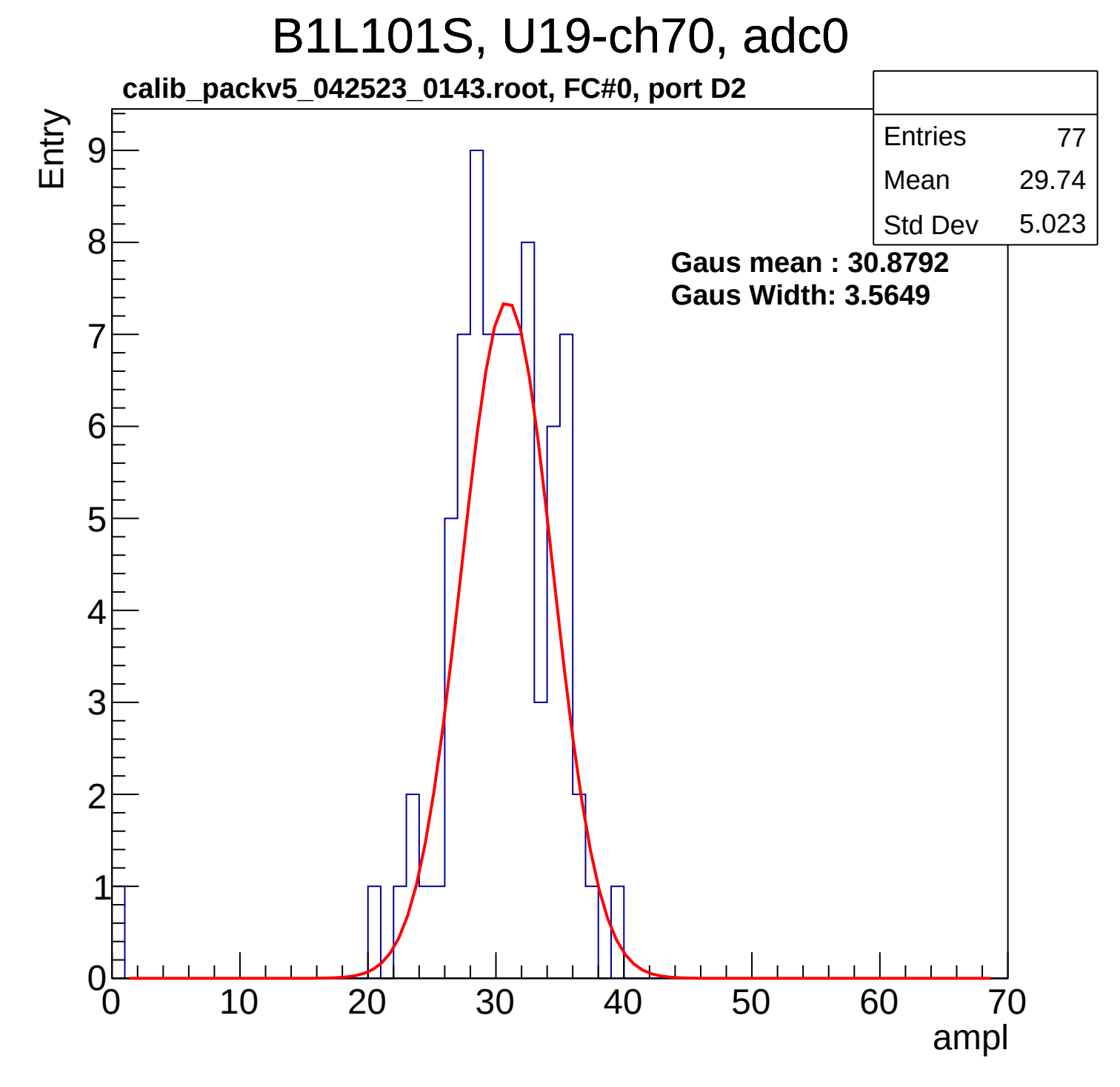

B1L101S, U19-ch69, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch69, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch70, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 29.74
Std Dev 5.023
Gaus mean : 30.8792
Gaus Width: 3.5649
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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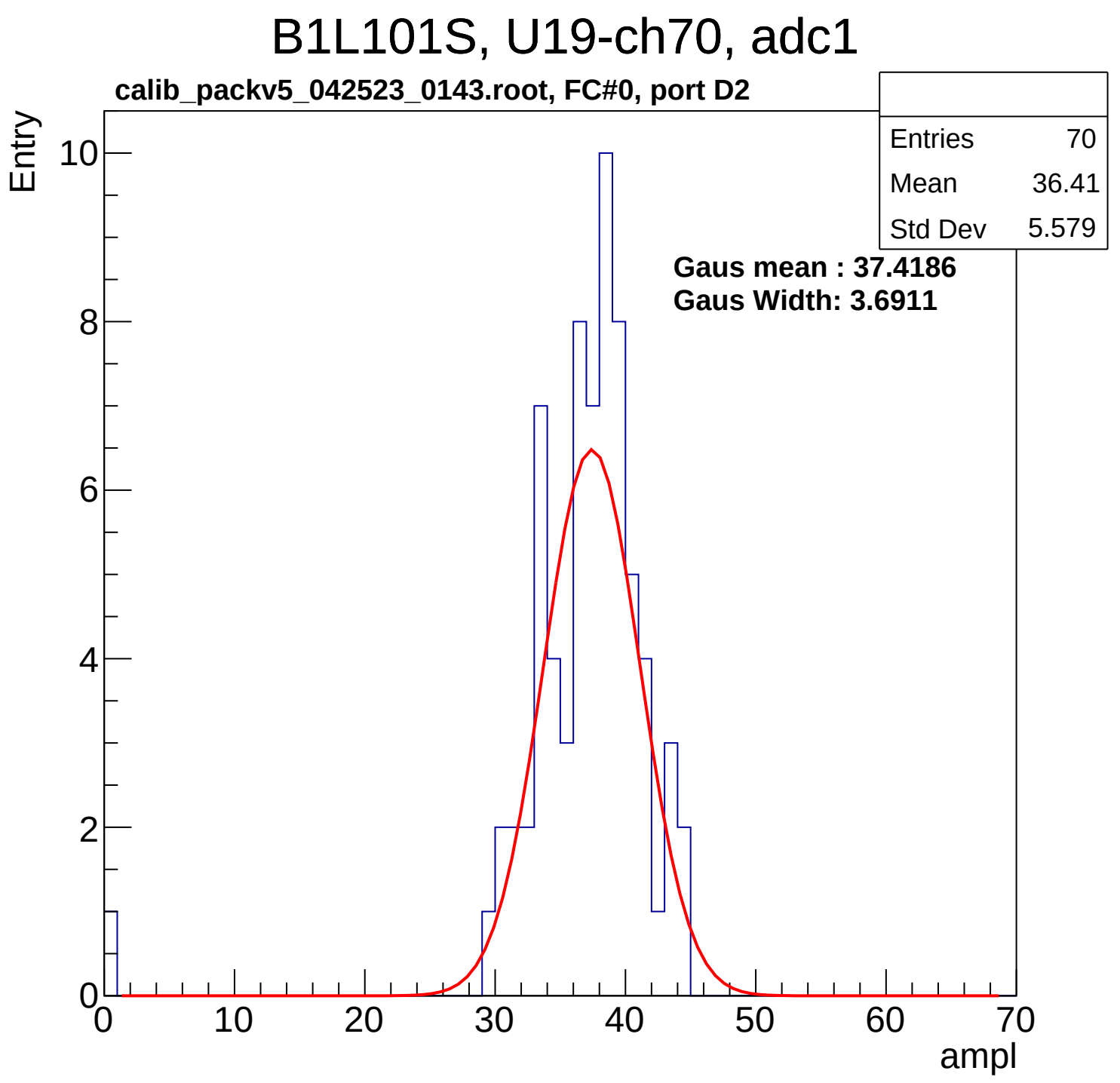
B1L101S, U19-ch70, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 36.41
Std Dev 5.579
Gaus mean : 37.4186
Gaus Width: 3.6911
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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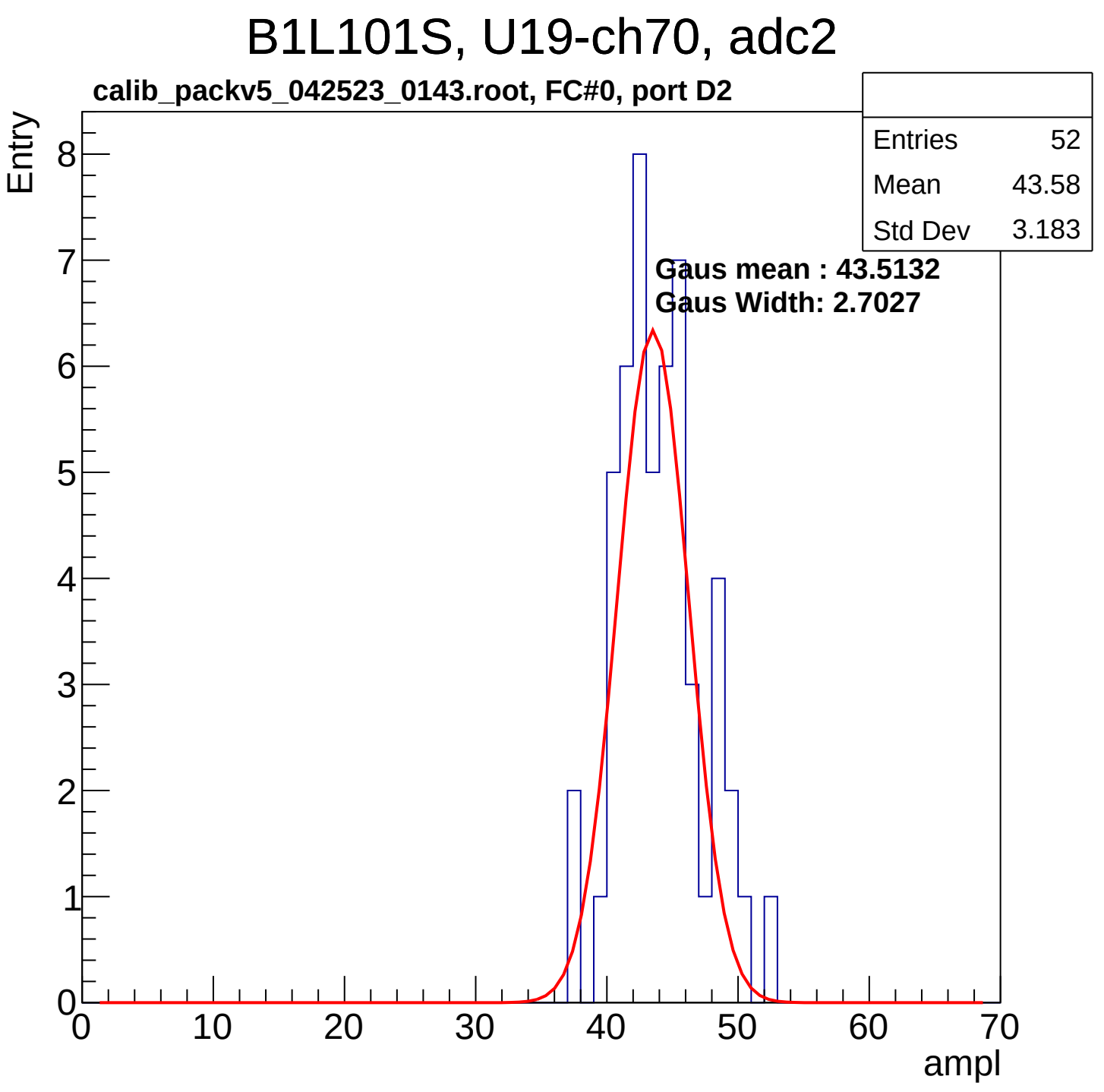
B1L101S, U19-ch70, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 43.58
Std Dev 3.183
Gaus mean : 43.5132
Gaus Width: 2.7027
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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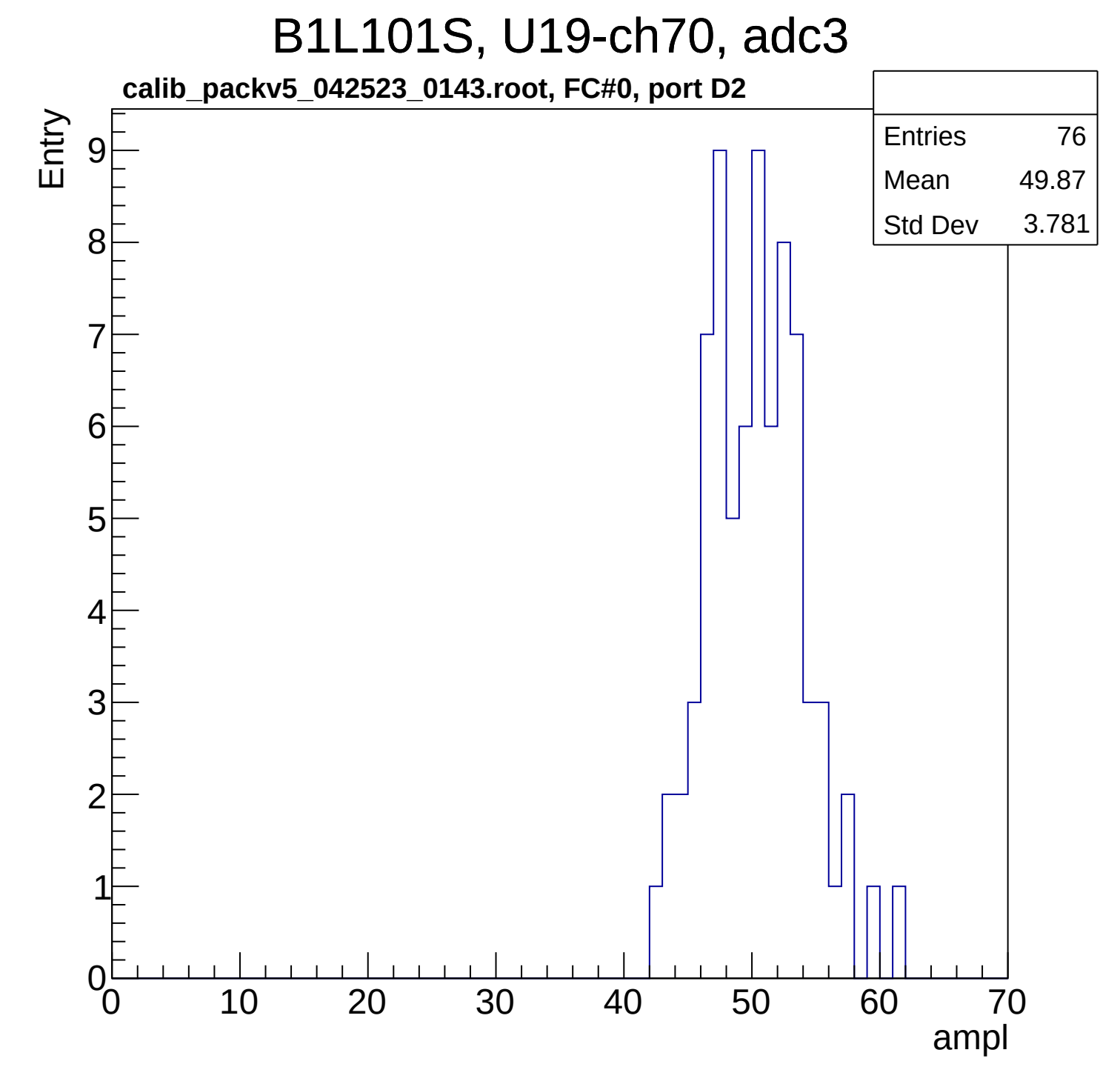
B1L101S, U19-ch70, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 49.87
Std Dev 3.781
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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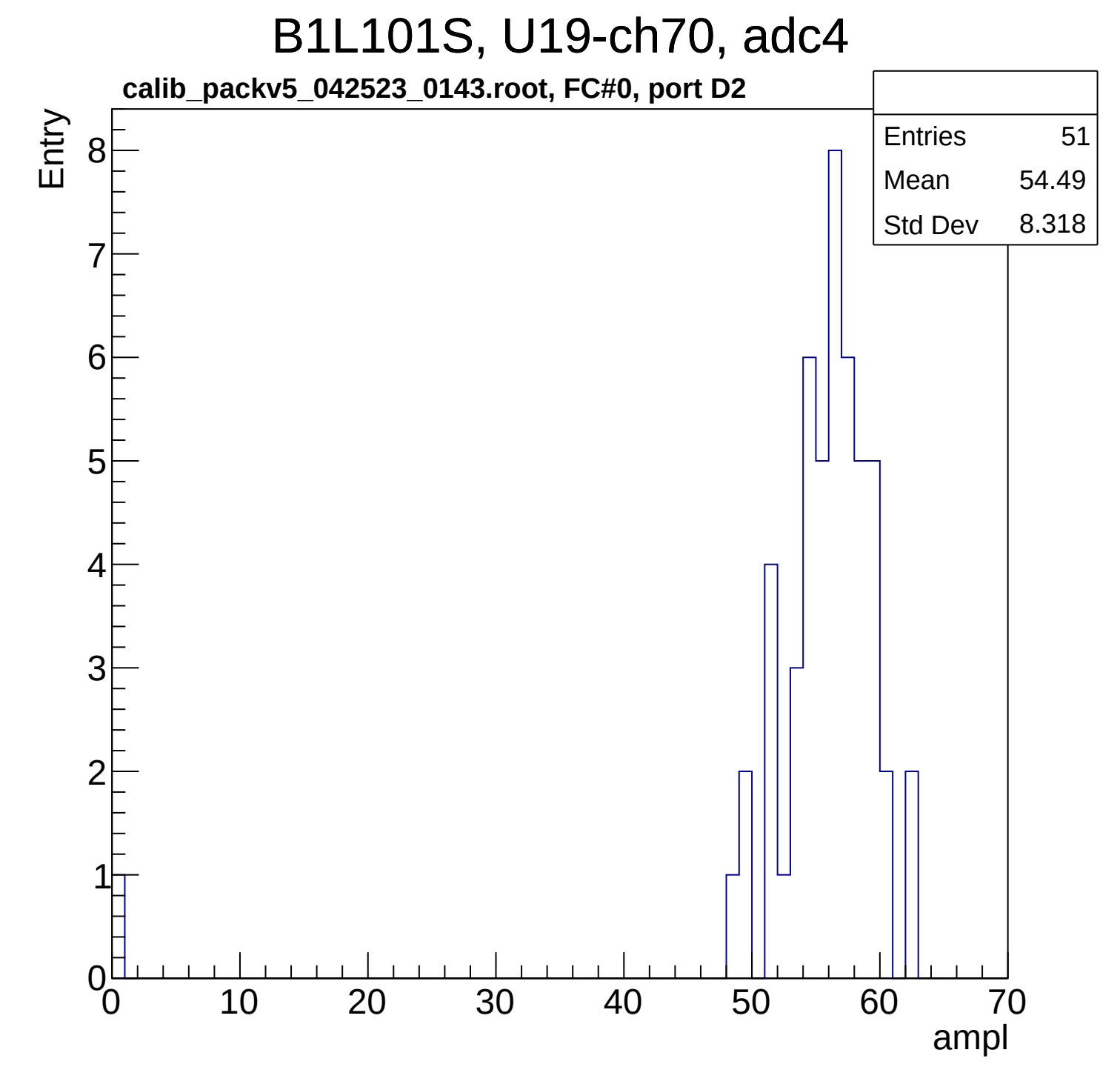
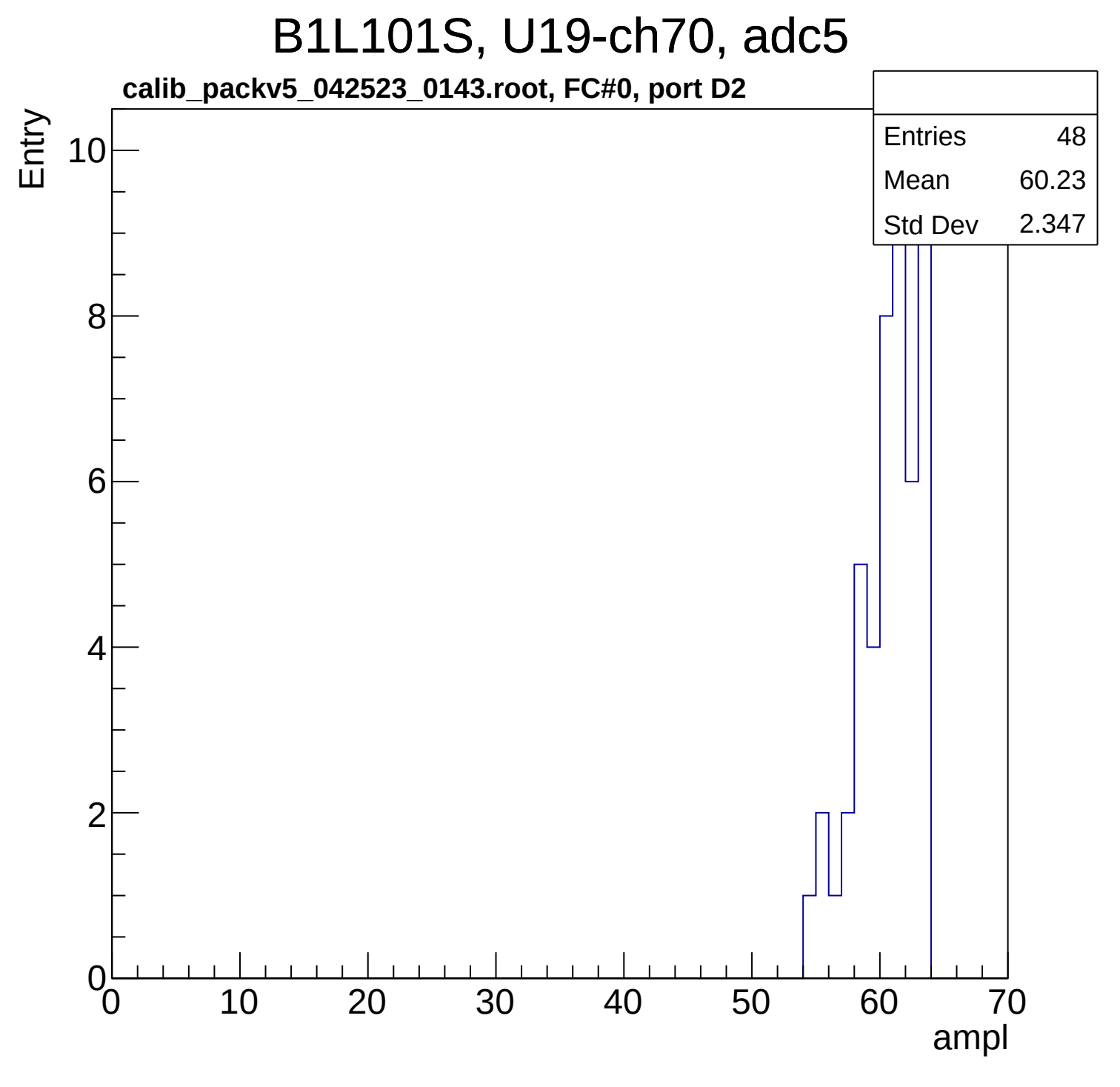
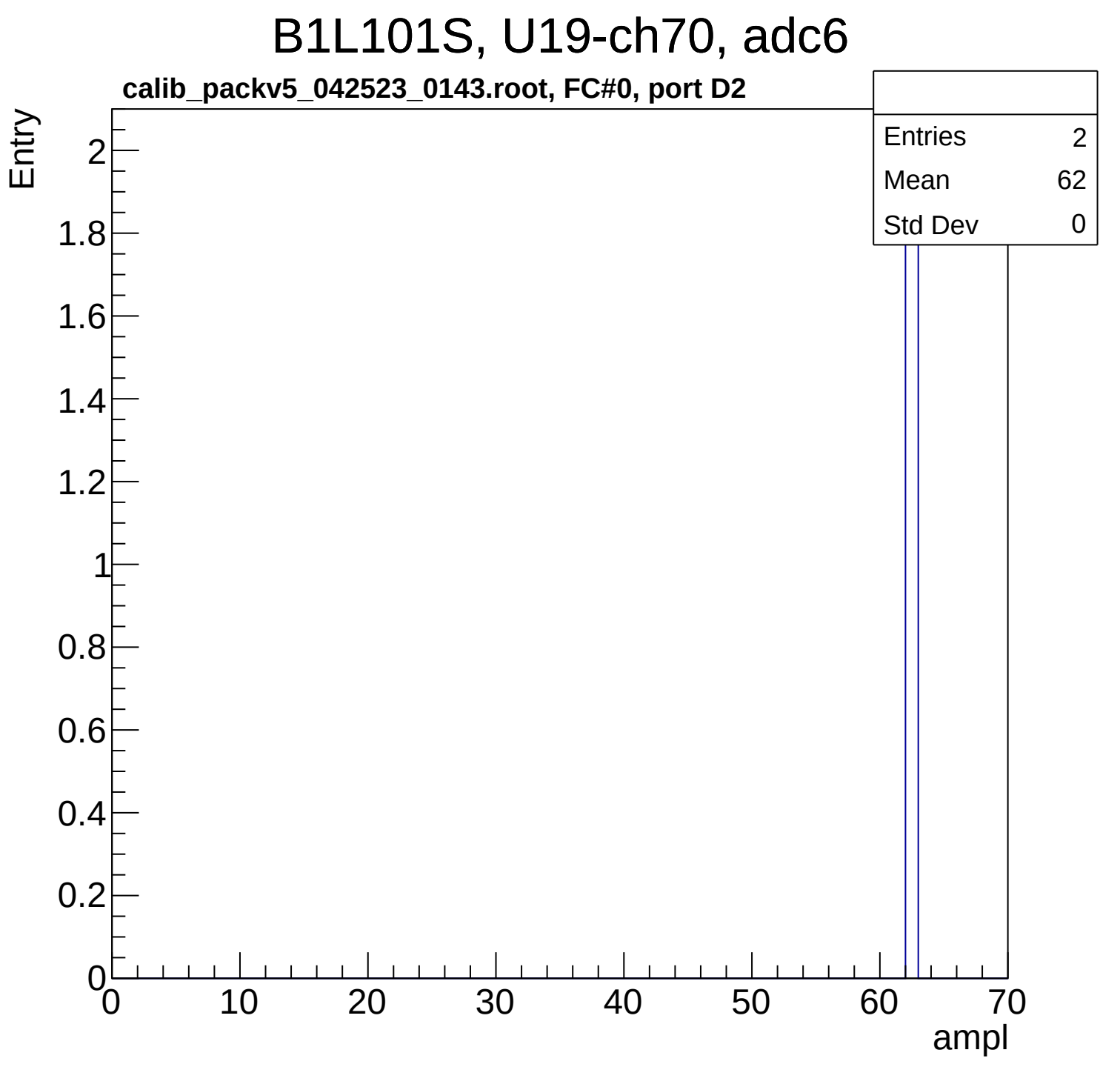
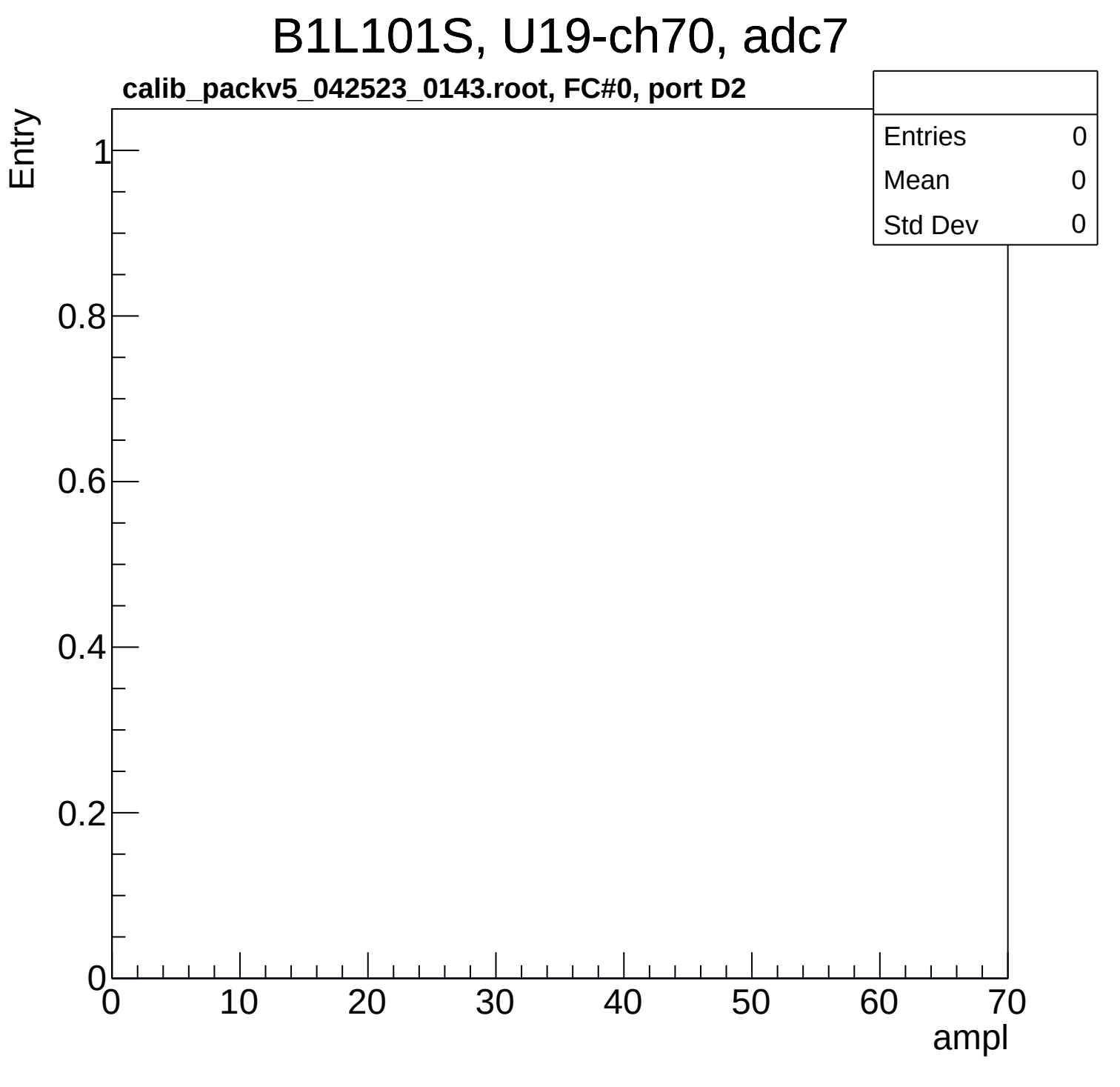

B1L101S, U19-ch70, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 54.49
Std Dev 8.318
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch70, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 60.23
Std Dev 2.347
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch70, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch70, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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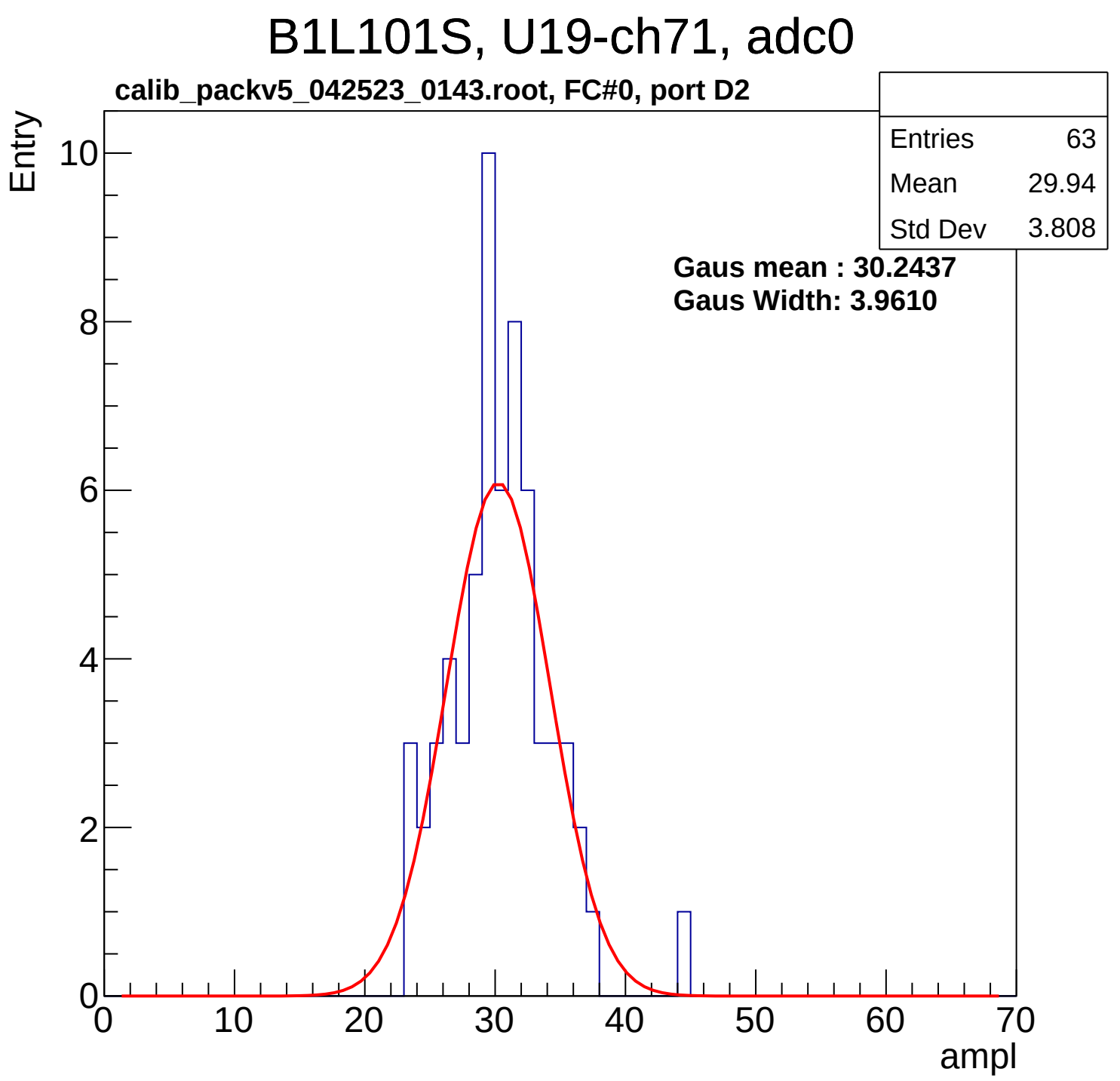
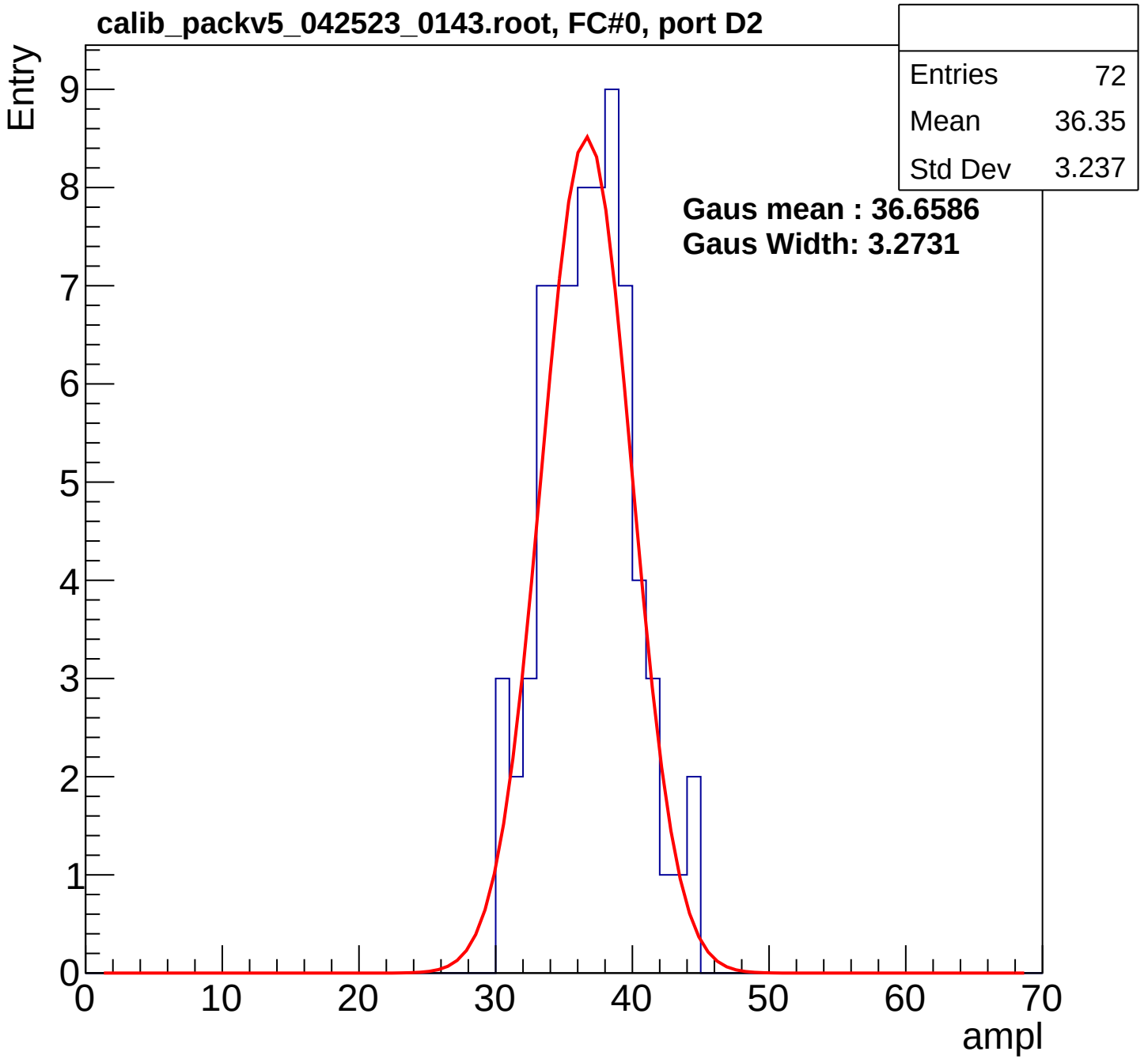
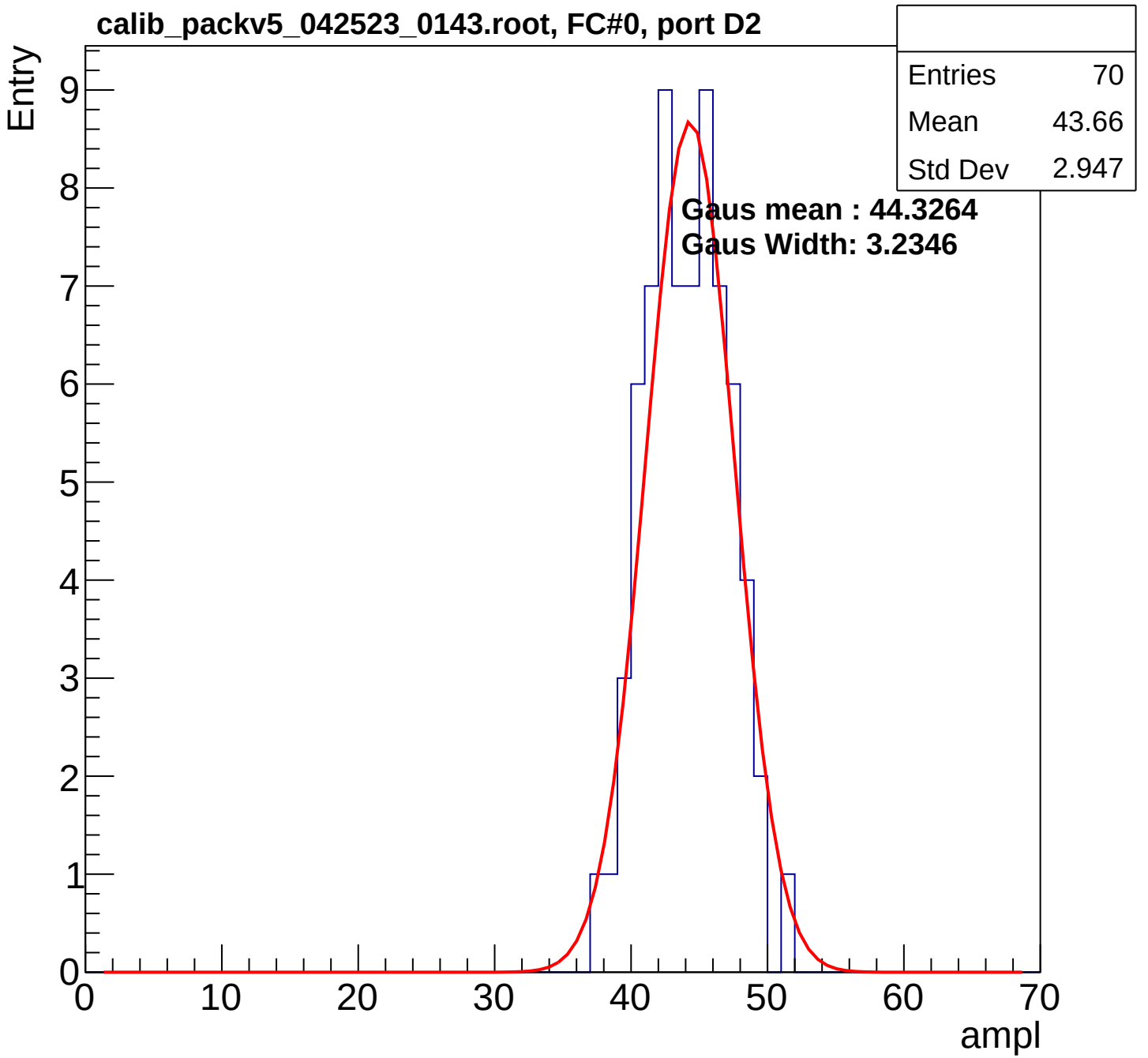
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch71, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 29.94
Std Dev 3.808
Gaus mean : 30.2437
Gaus Width: 3.9610
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch71, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 36.35
Std Dev 3.237
Gaus mean : 36.6586
Gaus Width: 3.2731
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch71, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 43.66
Std Dev 2.947
Gaus mean : 44.3264
Gaus Width: 3.2346
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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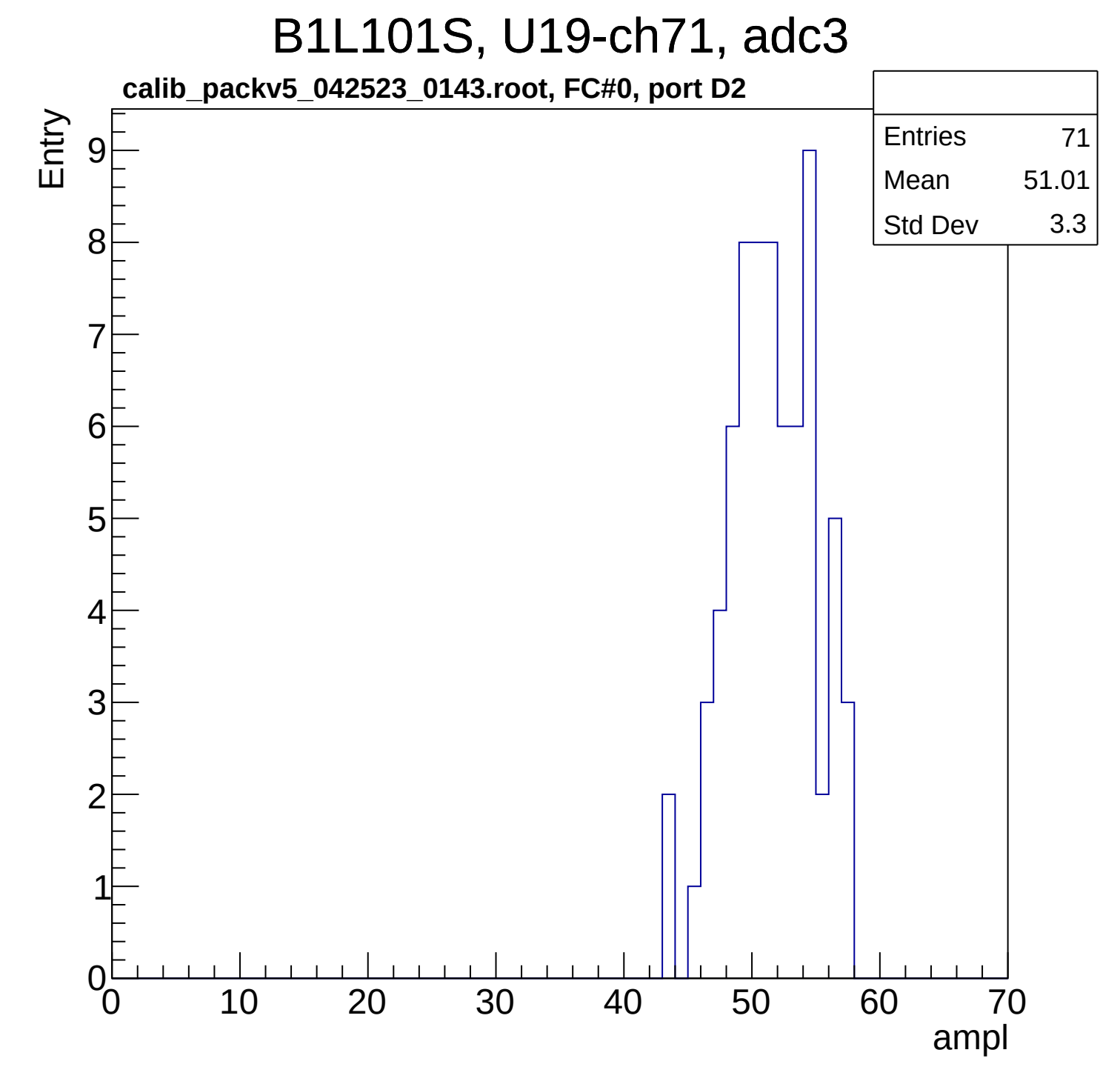
B1L101S, U19-ch71, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 51.01
Std Dev 3.3
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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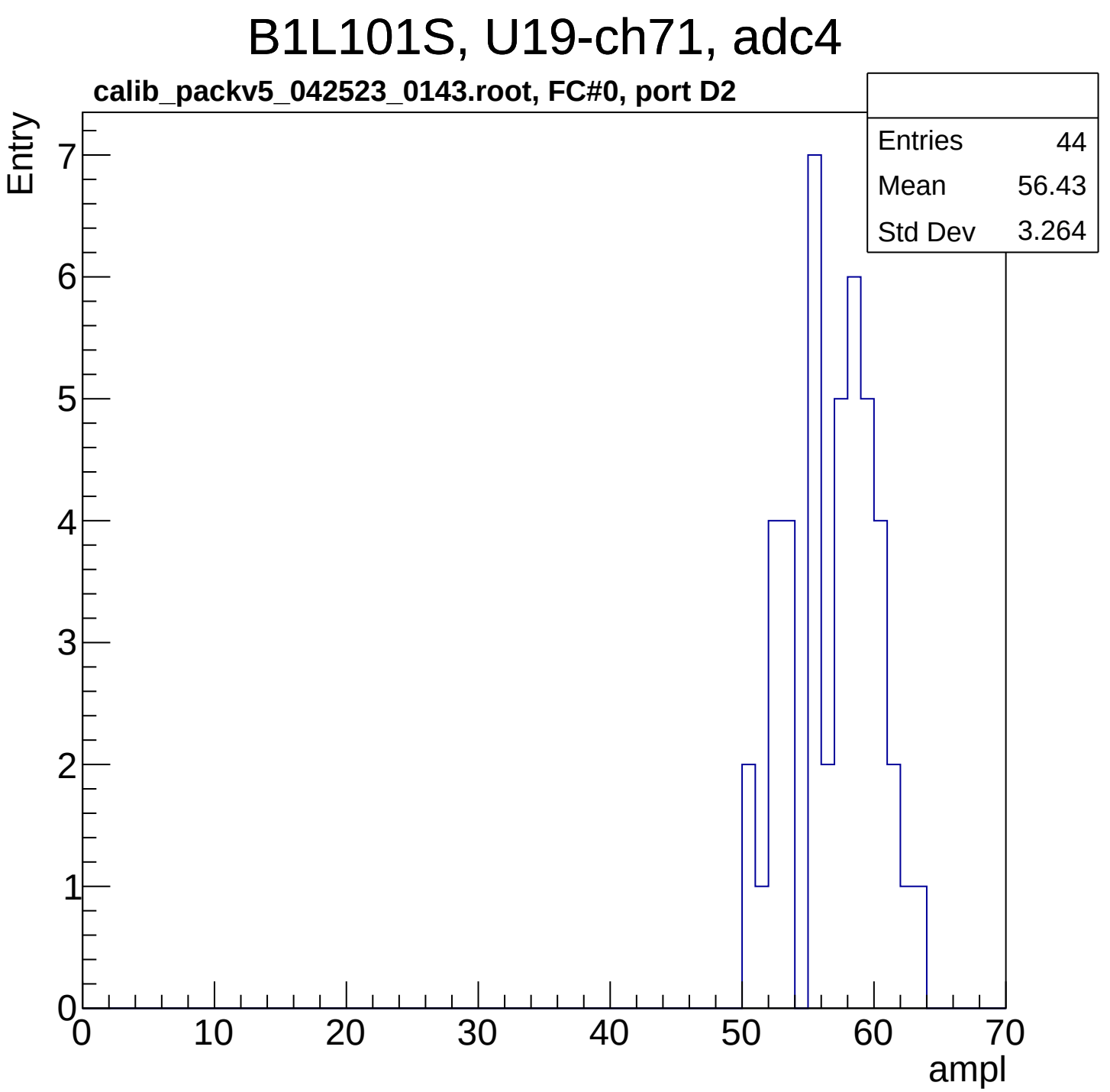
B1L101S, U19-ch71, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 56.43
Std Dev 3.264
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
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60
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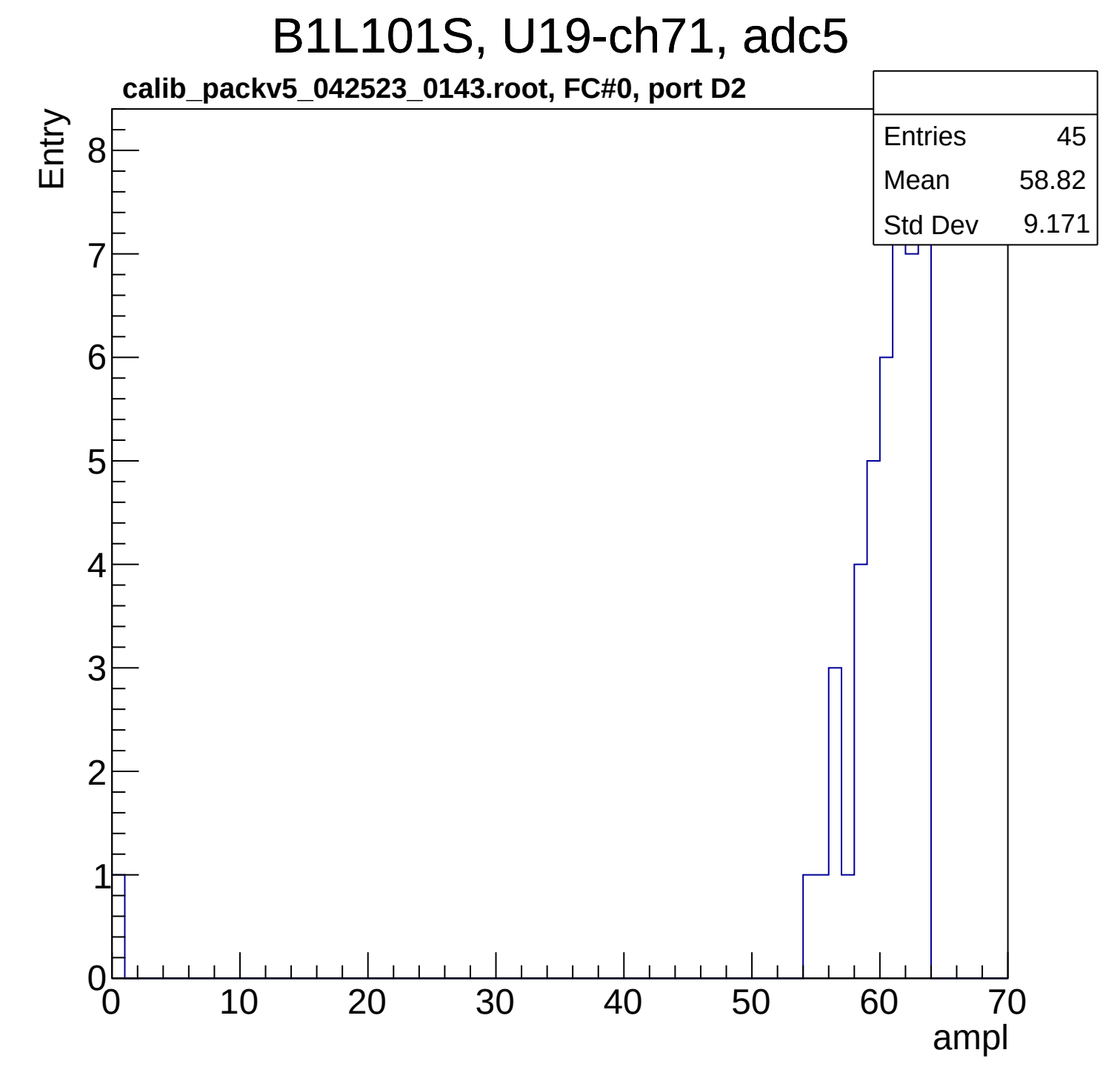
B1L101S, U19-ch71, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 58.82
Std Dev 9.171
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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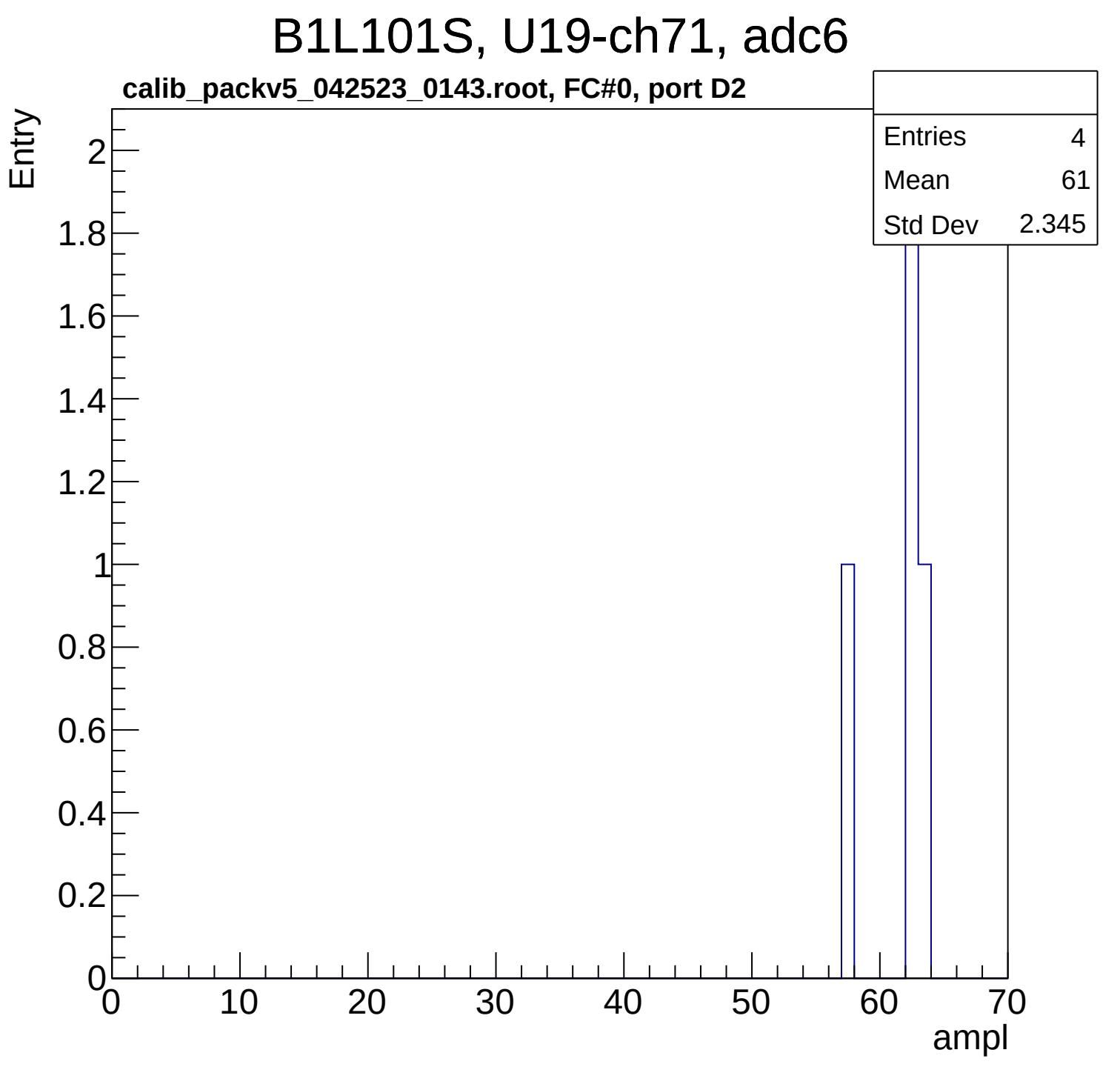
B1L101S, U19-ch71, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61
Std Dev 2.345
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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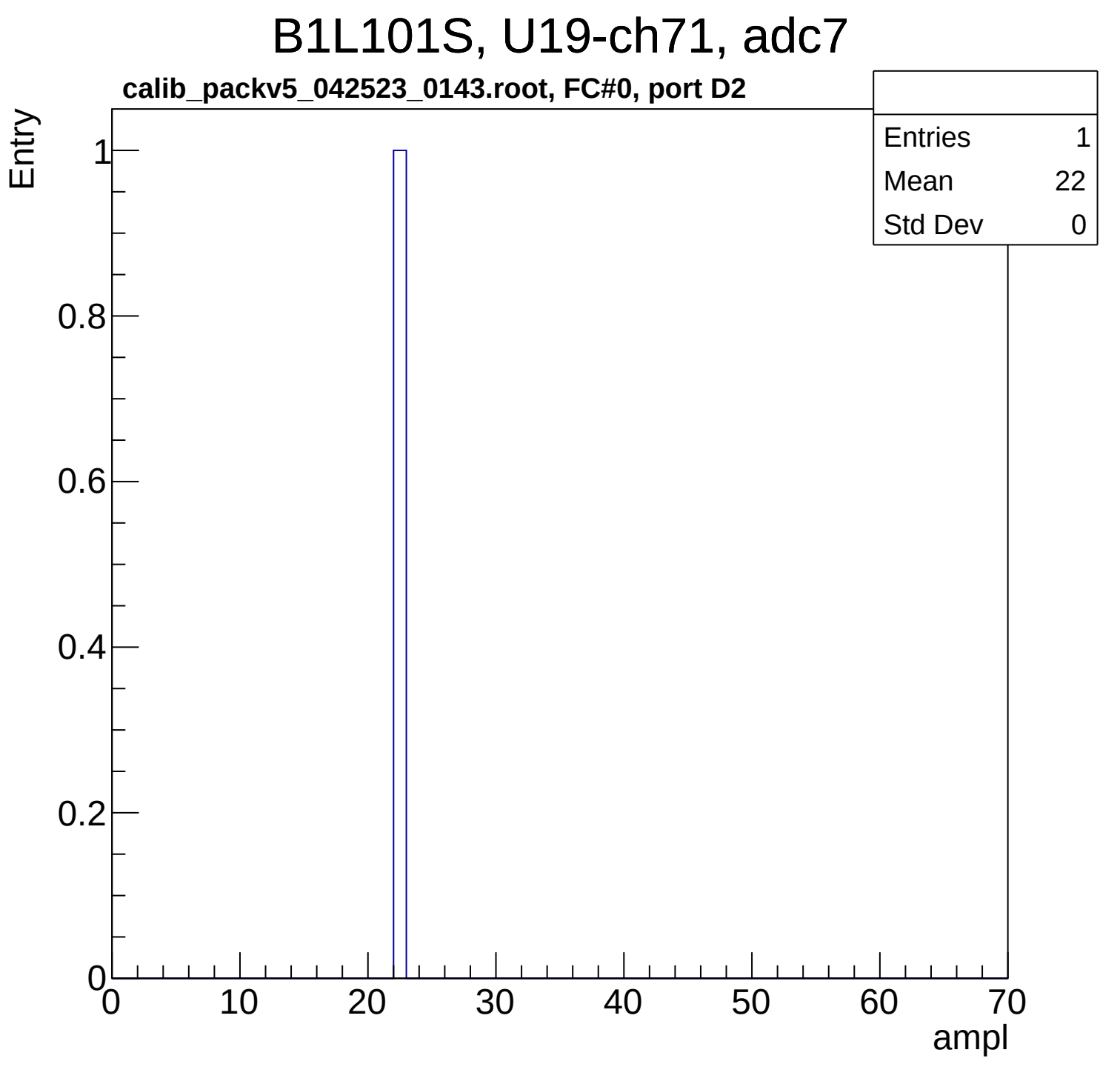
B1L101S, U19-ch71, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 22
Std Dev 0
Entry
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0.6
0.4
0.2
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10
20
30
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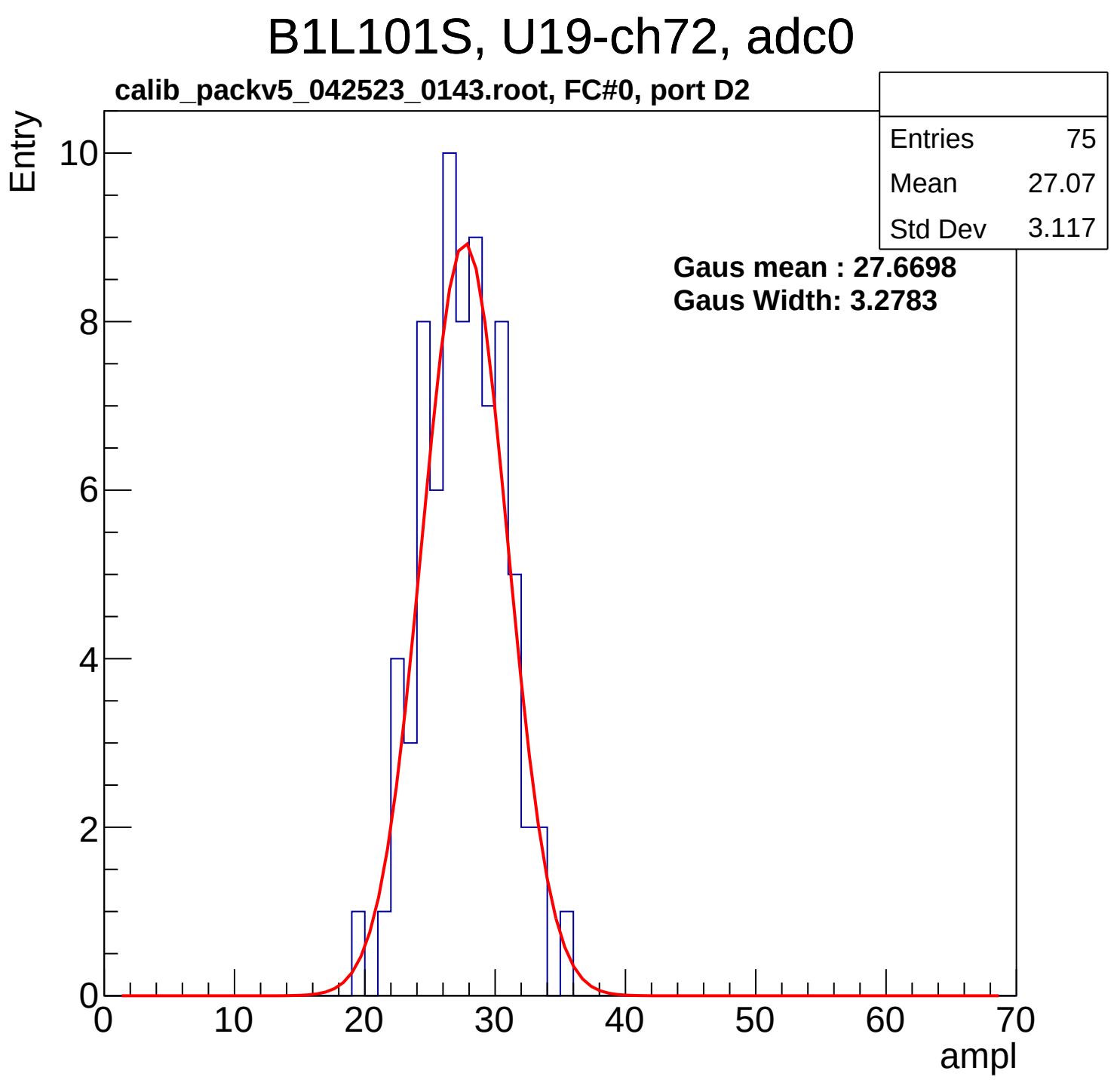
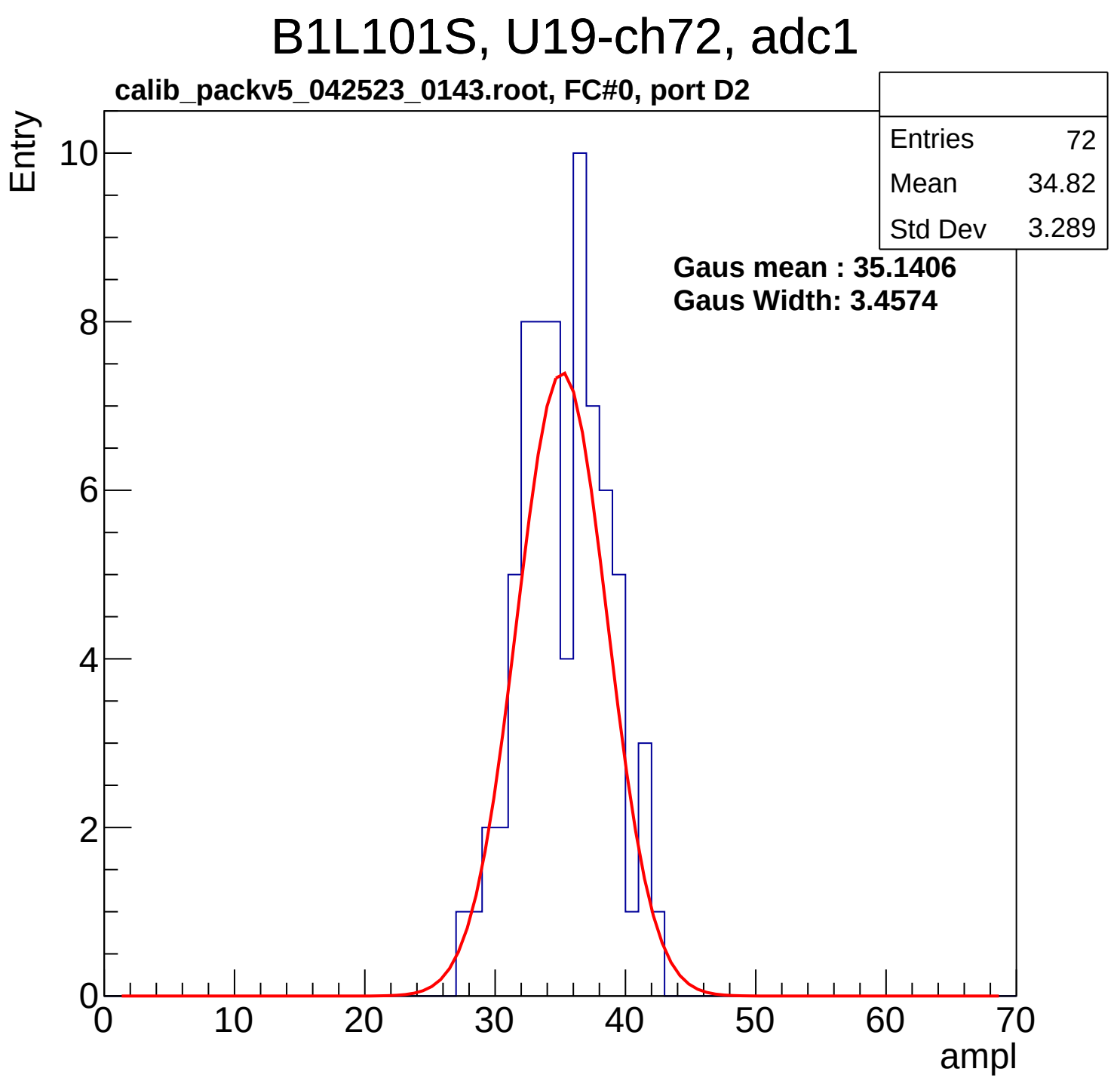
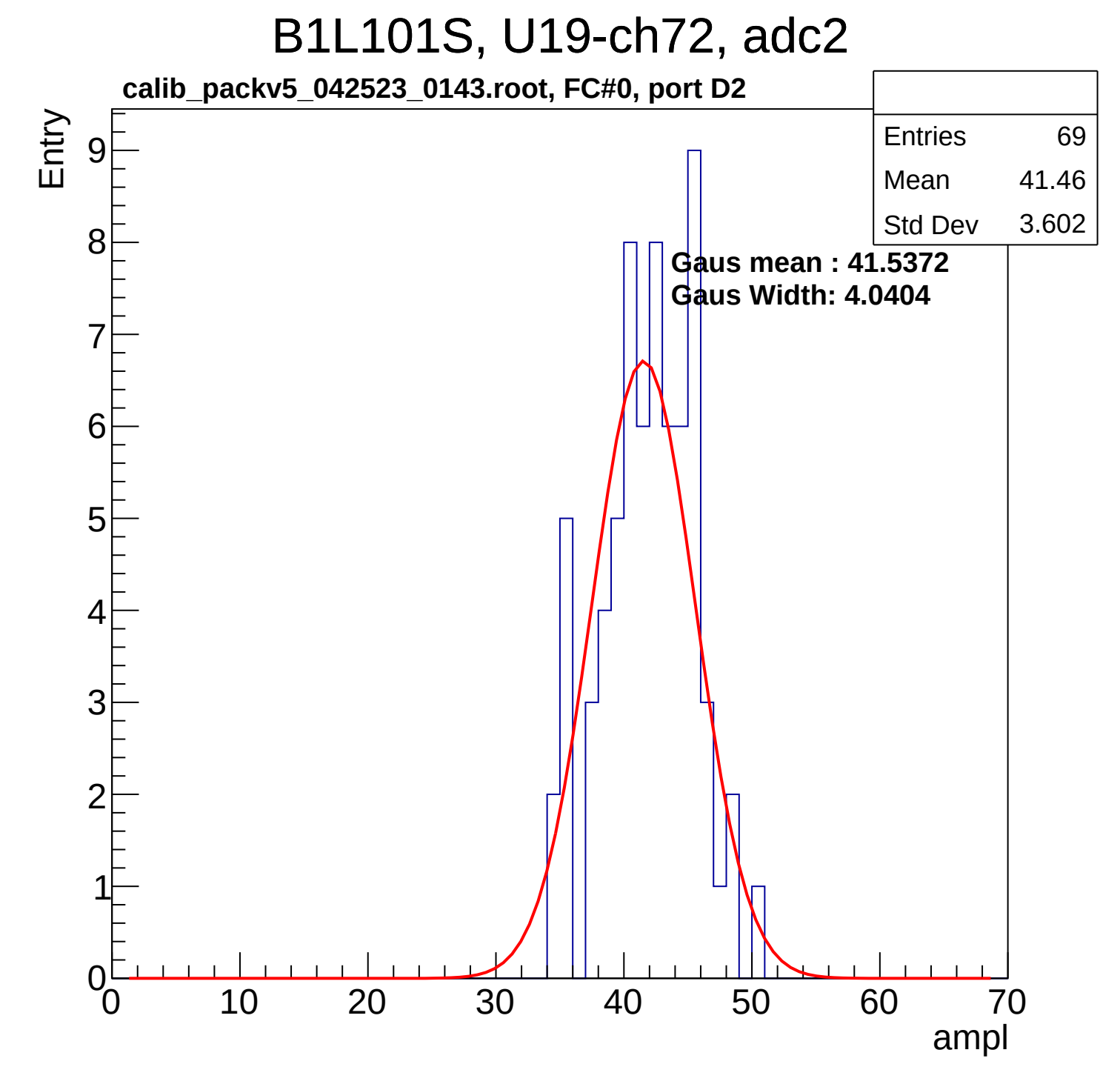
50
60
70
ampl


B1L101S, U19-ch72, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 27.07
Std Dev 3.117
Gaus mean : 27.6698
Gaus Width: 3.2783
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch72, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 34.82
Std Dev 3.289
Gaus mean : 35.1406
Gaus Width: 3.4574
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch72, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 41.46
Std Dev 3.602
Gaus mean : 41.5372
Gaus Width: 4.0404
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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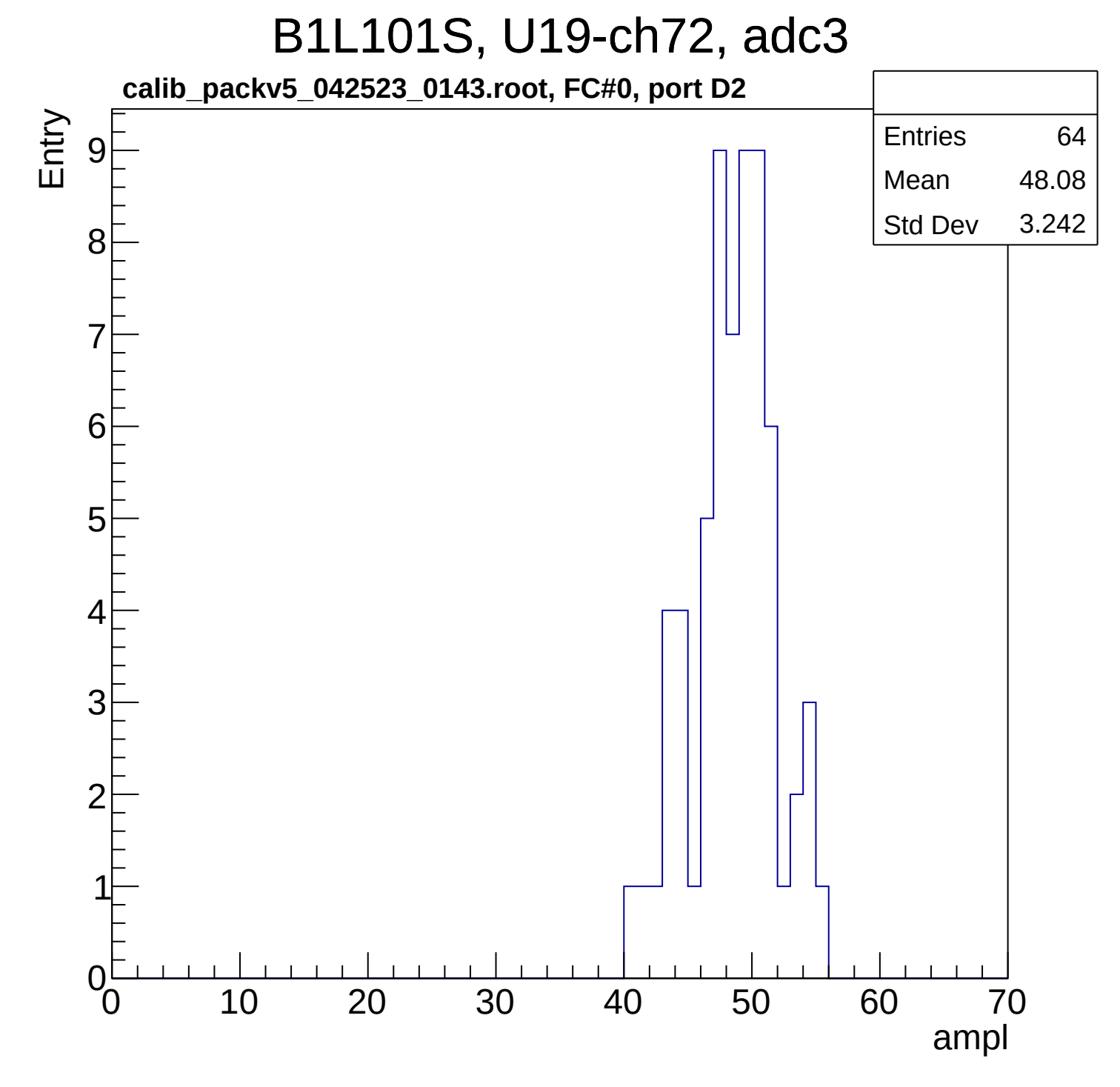
B1L101S, U19-ch72, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 48.08
Std Dev 3.242
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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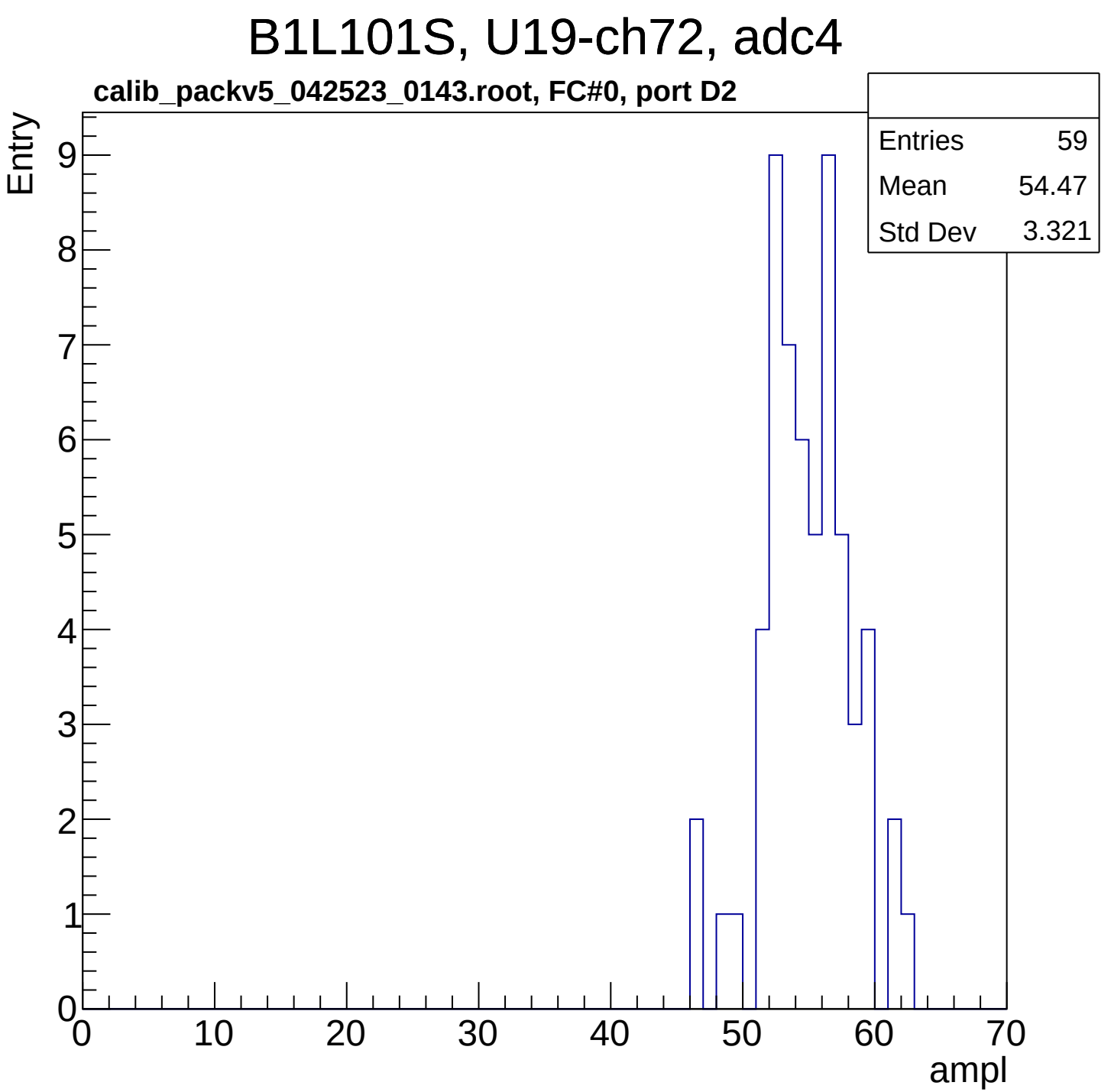
B1L101S, U19-ch72, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 54.47
Std Dev 3.321
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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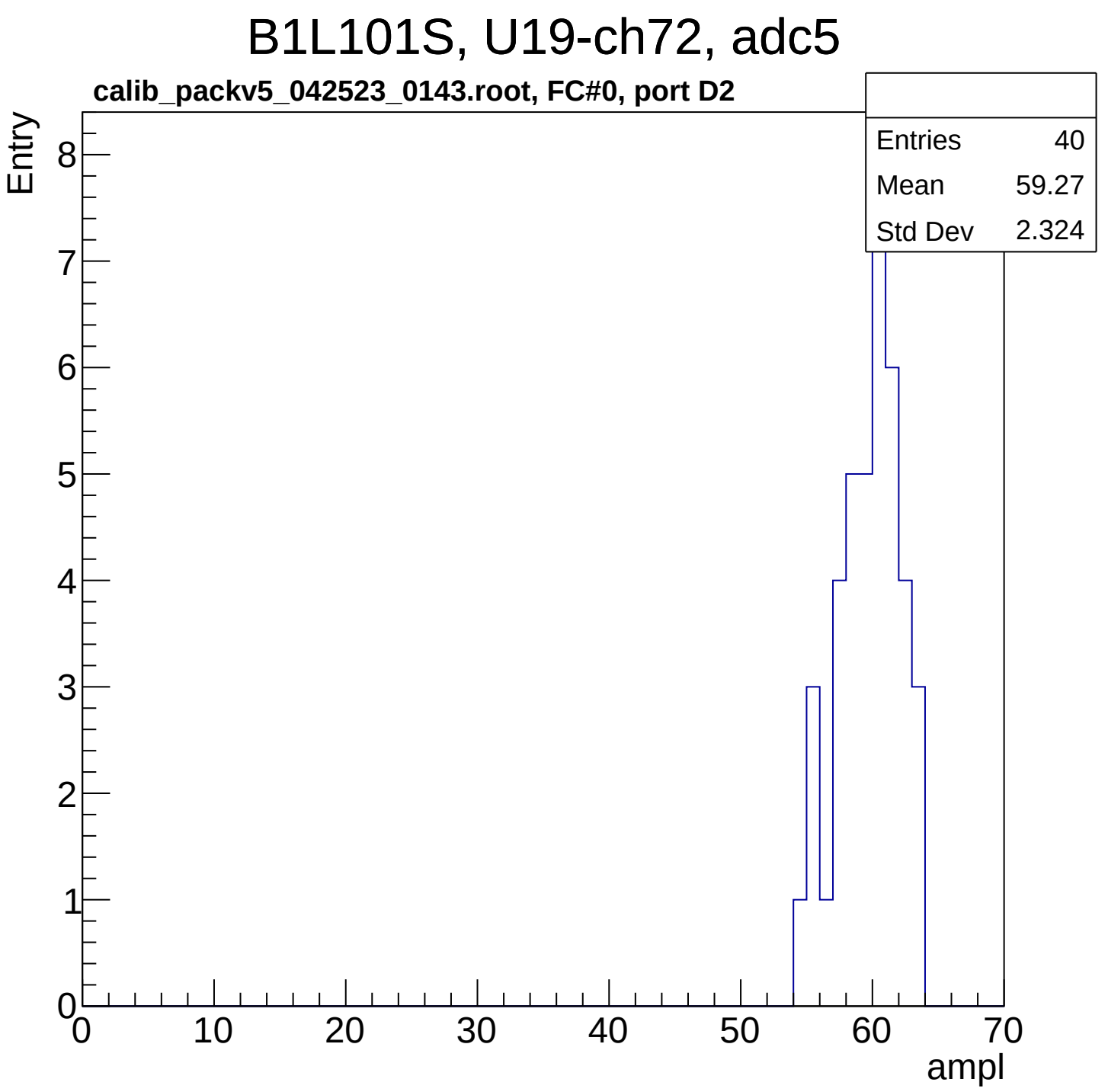
B1L101S, U19-ch72, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 59.27
Std Dev 2.324
Entry
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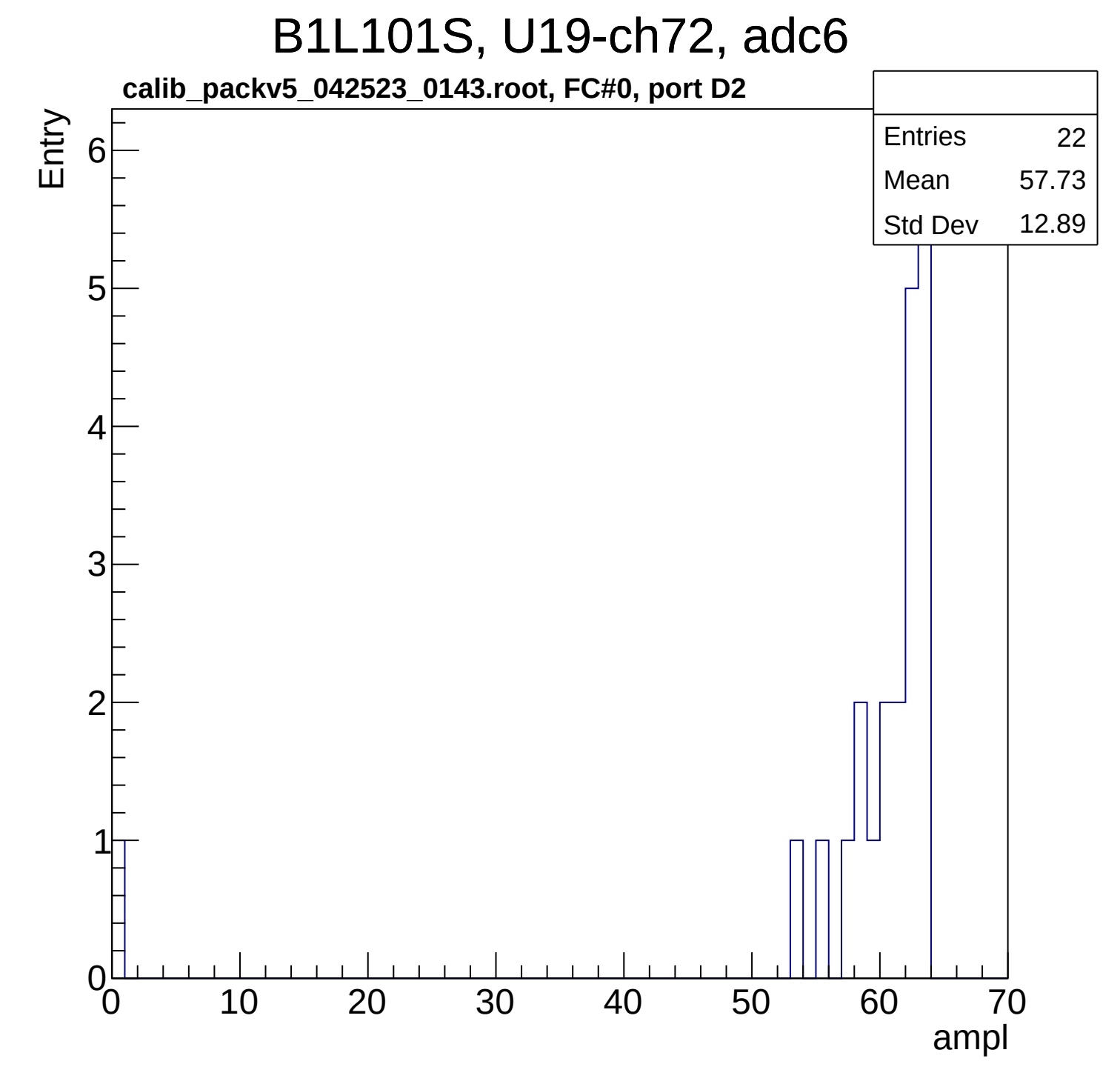
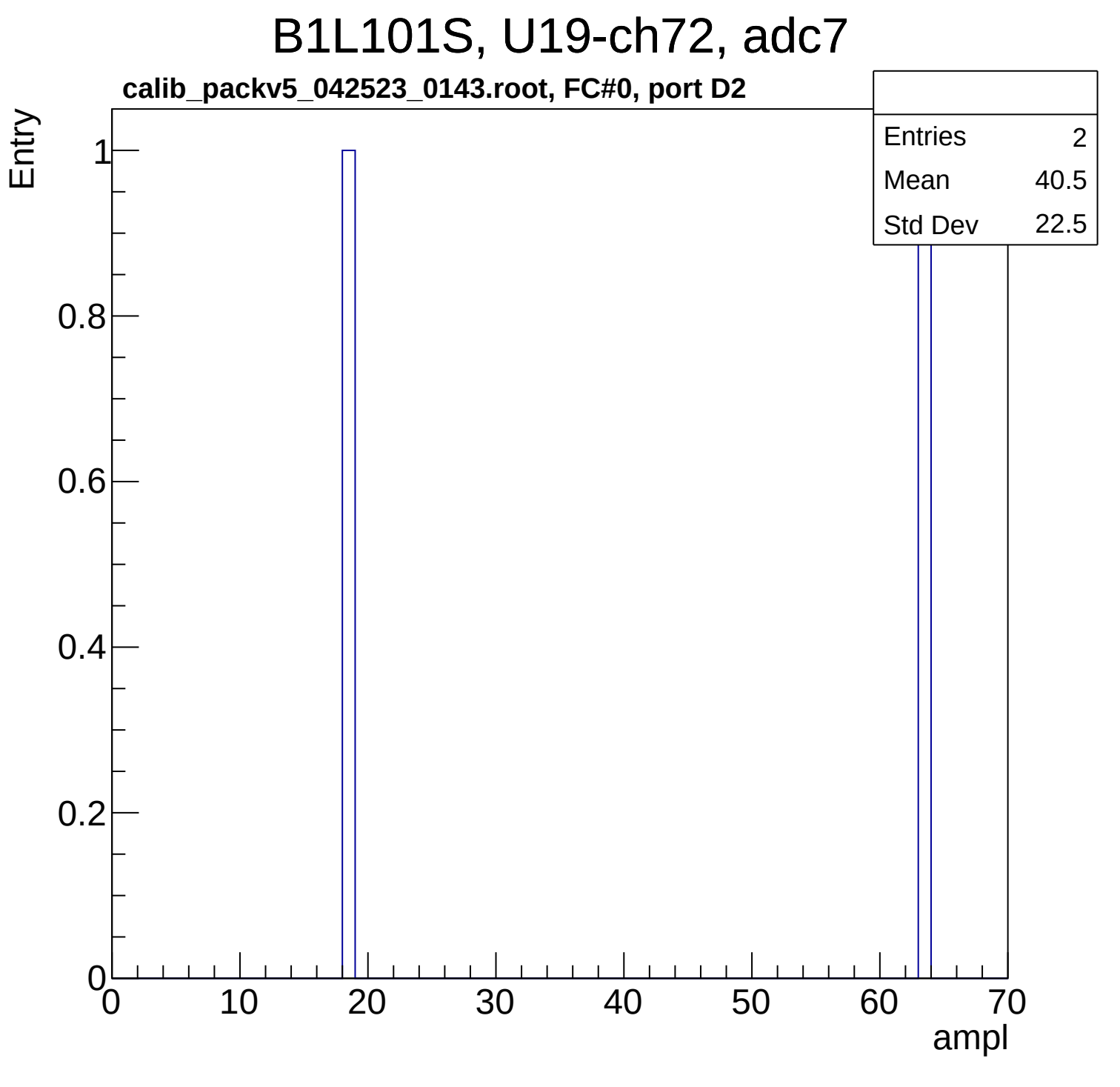
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch72, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 22
Mean 57.73
Std Dev 12.89
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch72, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 40.5
Std Dev 22.5
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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40
50
60
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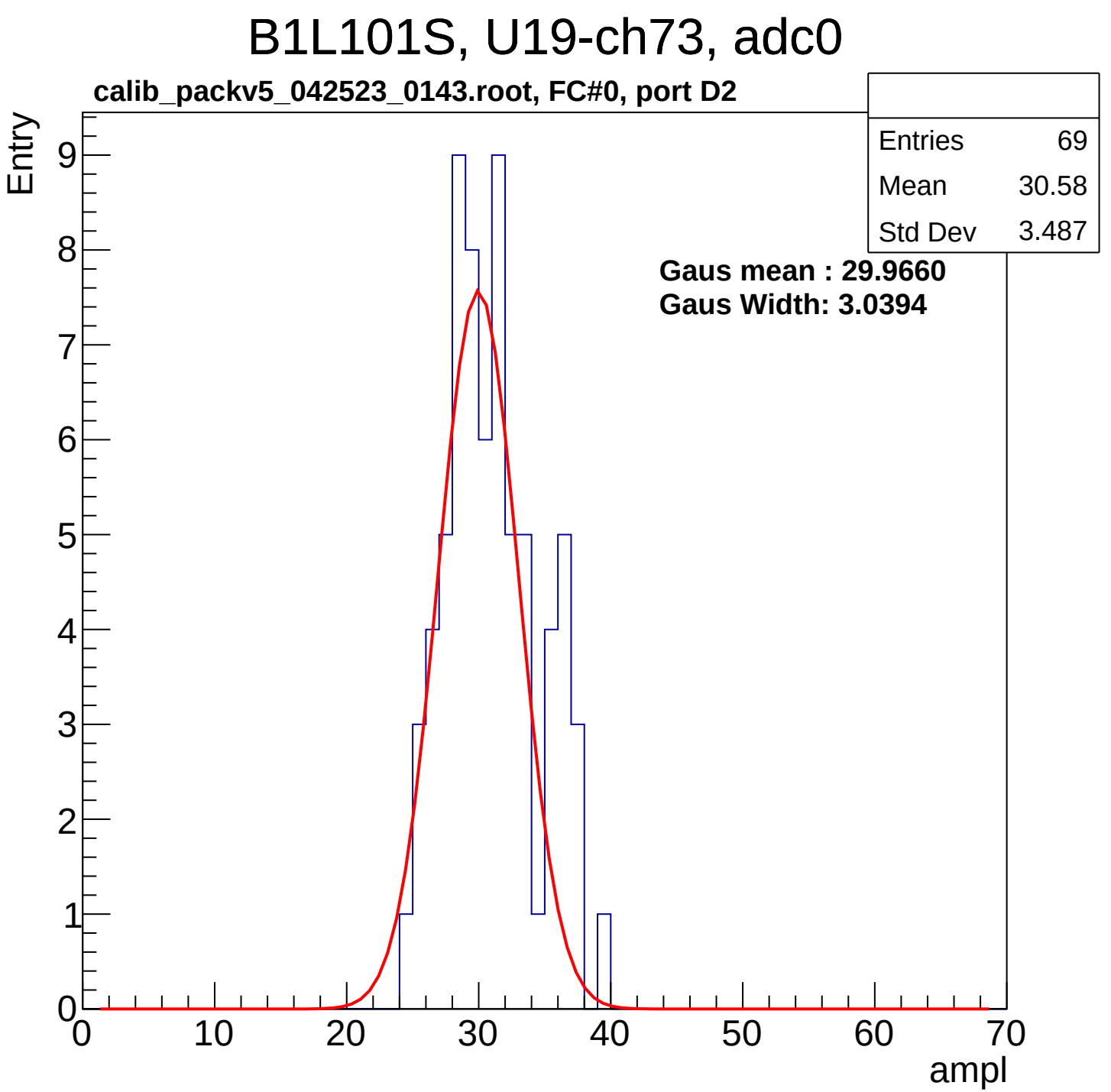
B1L101S, U19-ch73, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 30.58
Std Dev 3.487
Gaus mean : 29.9660
Gaus Width: 3.0394
Entry
ampl
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2
3
4
5
6
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0
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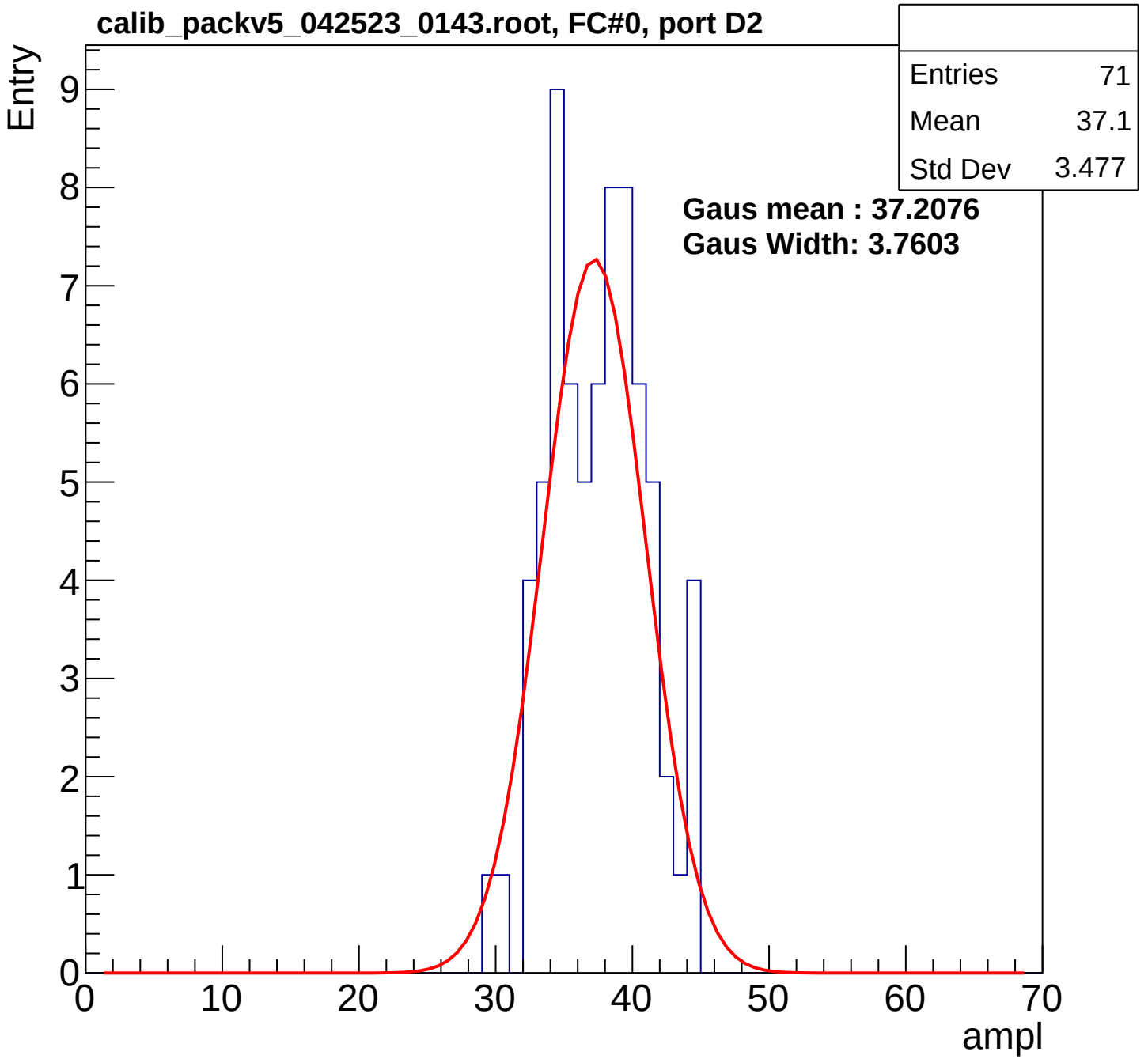
B1L101S, U19-ch73, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 37.1
Std Dev 3.477
Gaus mean : 37.2076
Gaus Width: 3.7603
Entry
ampl
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2
3
4
5
6
7
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0
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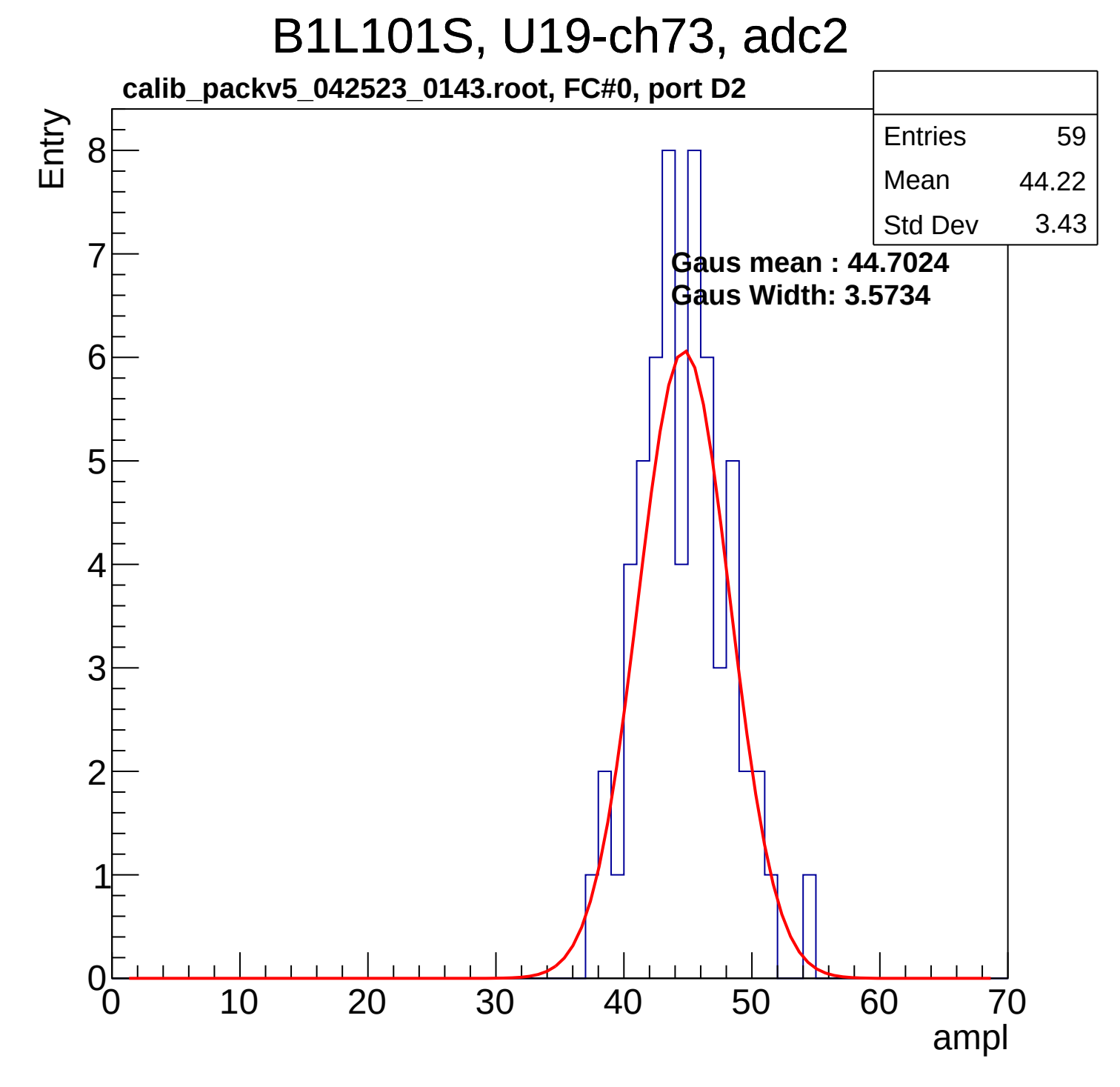
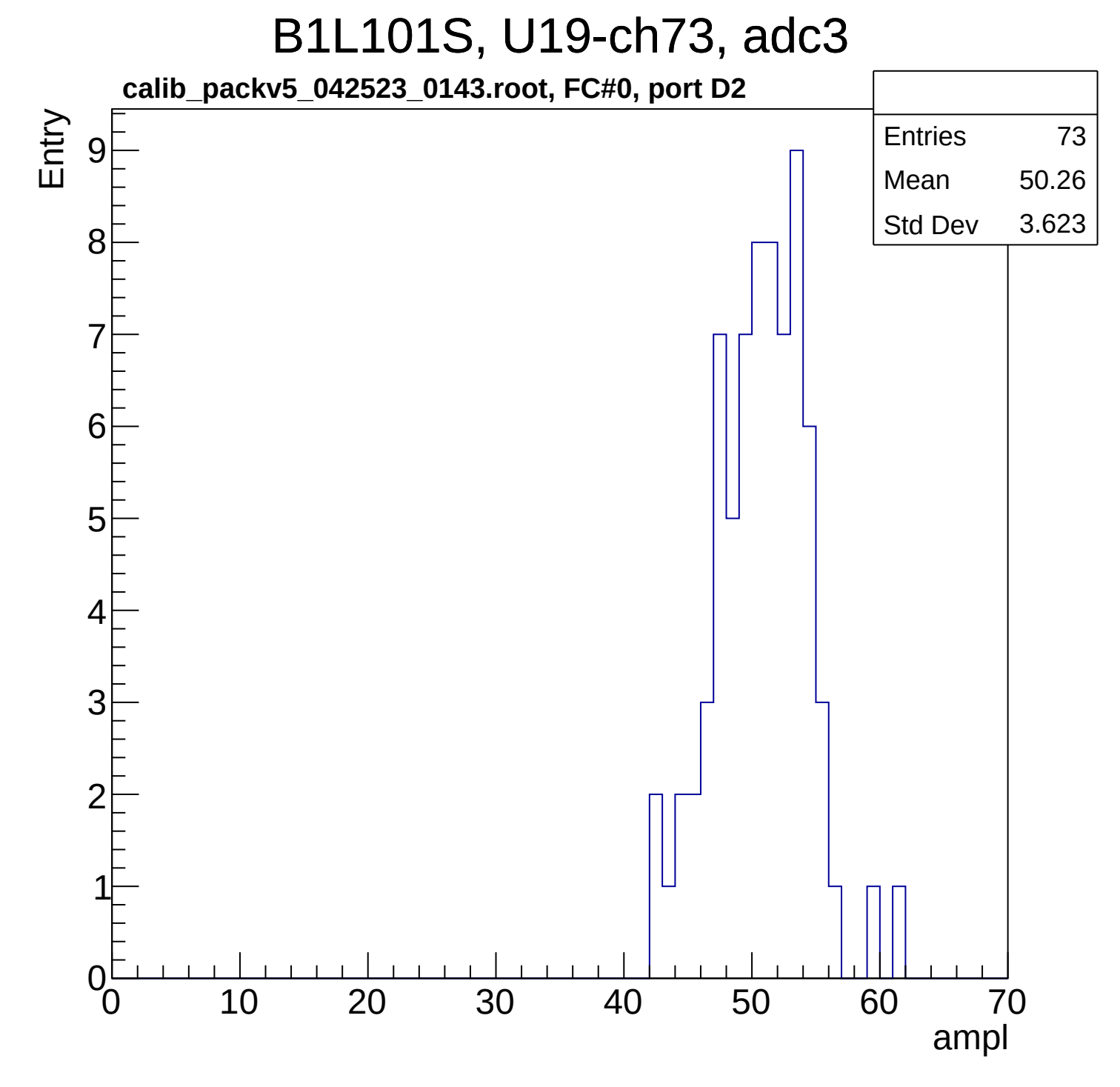

B1L101S, U19-ch73, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 44.22
Std Dev 3.43
Gaus mean : 44.7024
Gaus Width: 3.5734
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch73, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 50.26
Std Dev 3.623
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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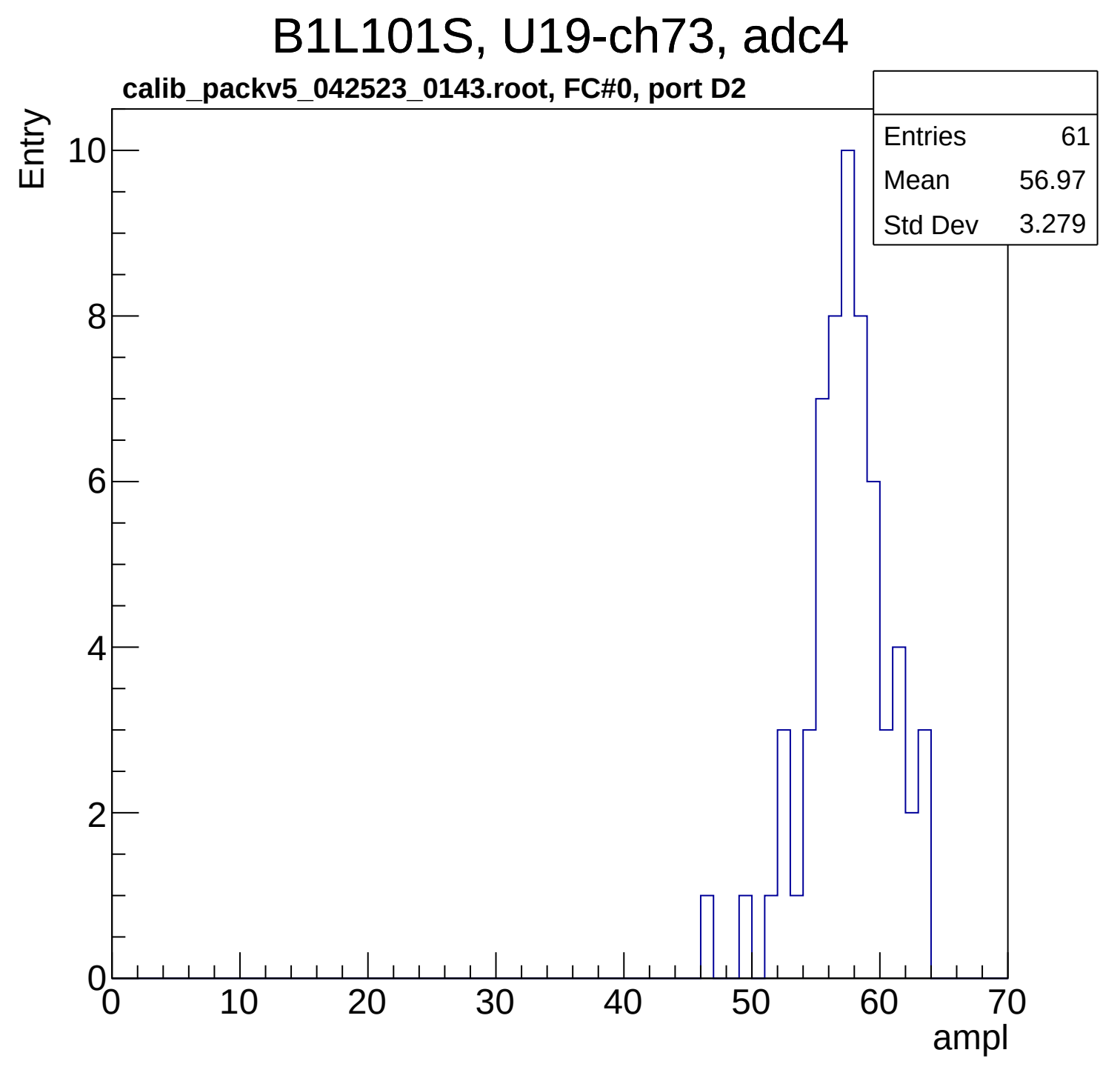
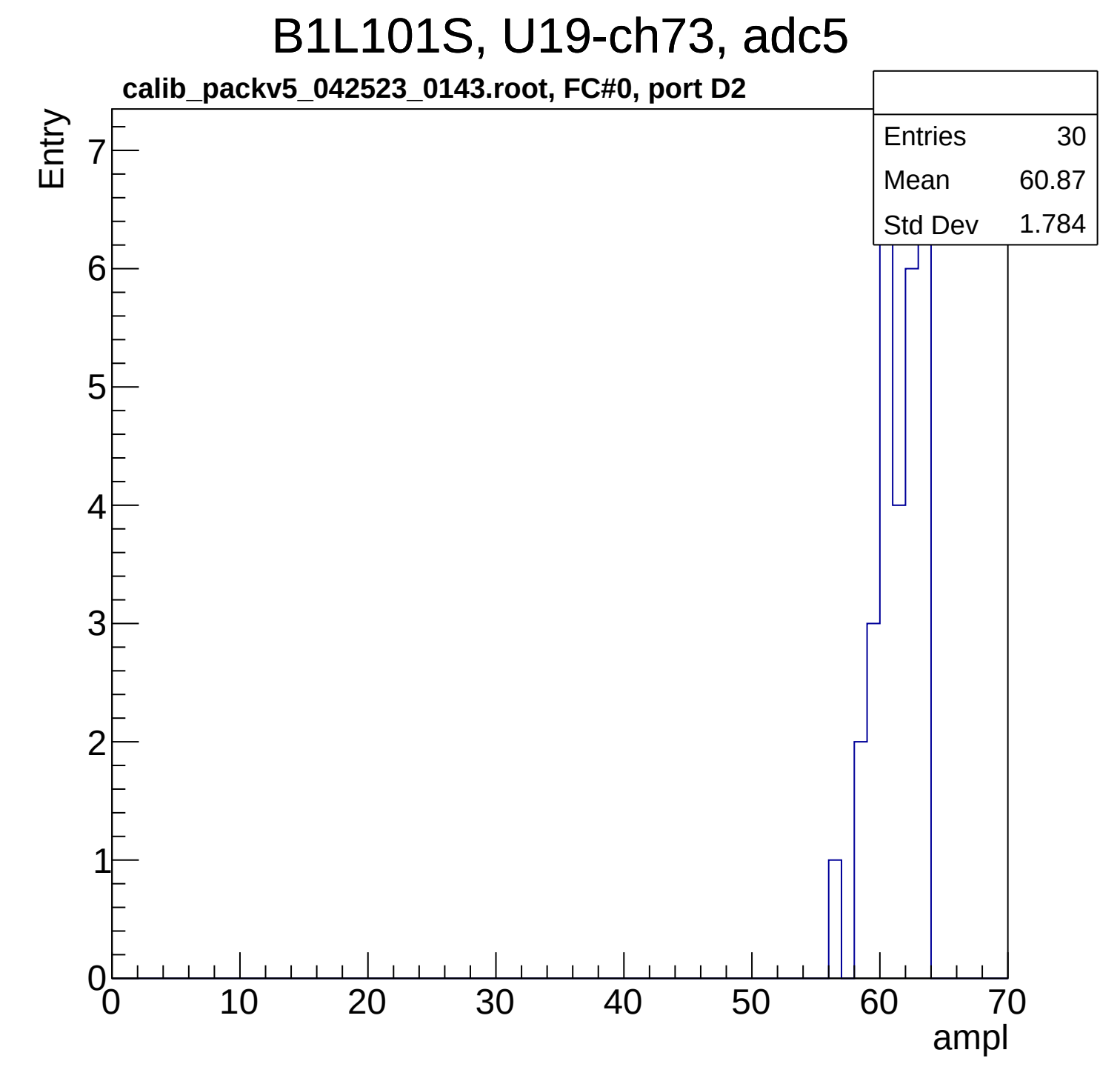
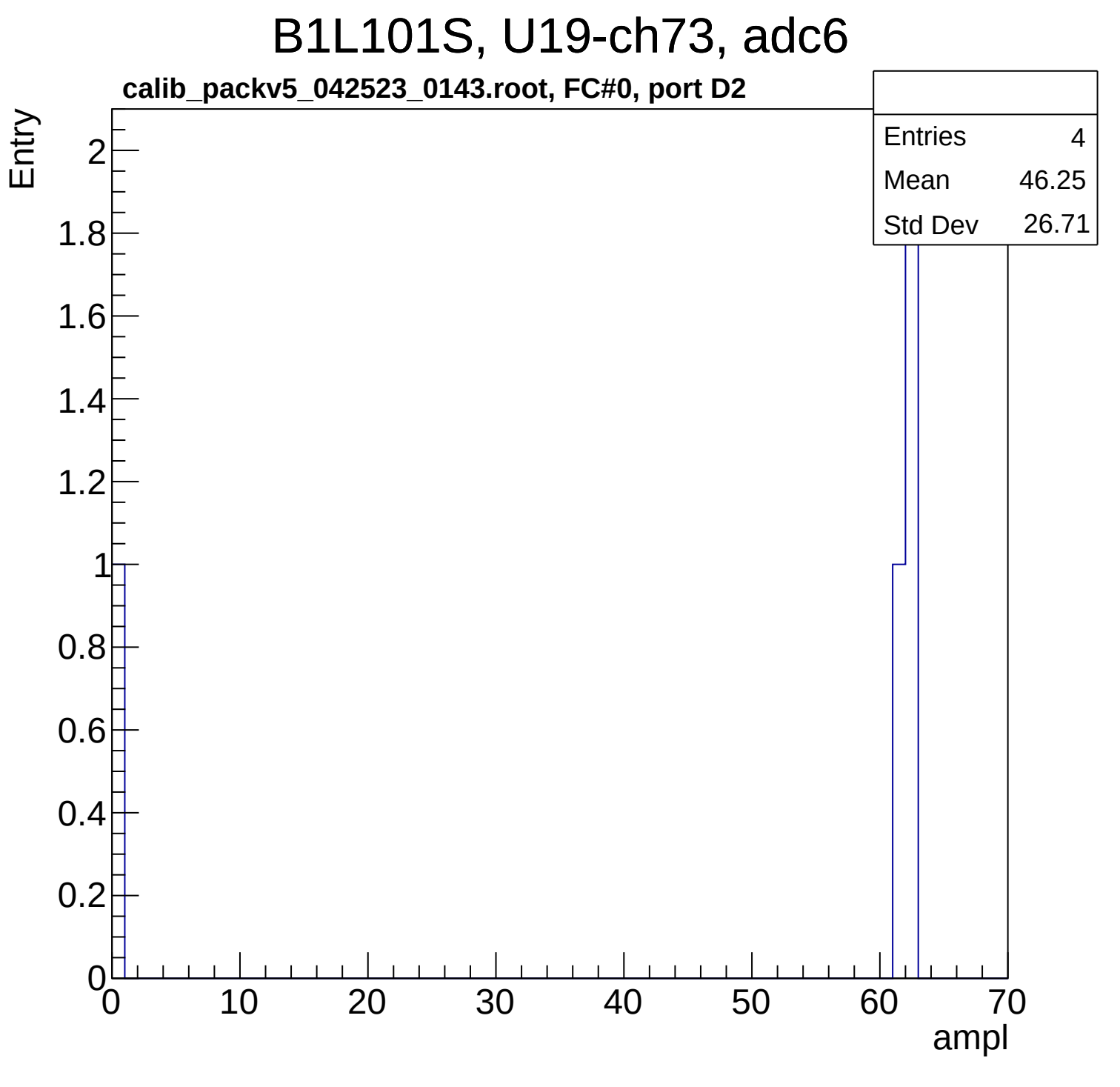
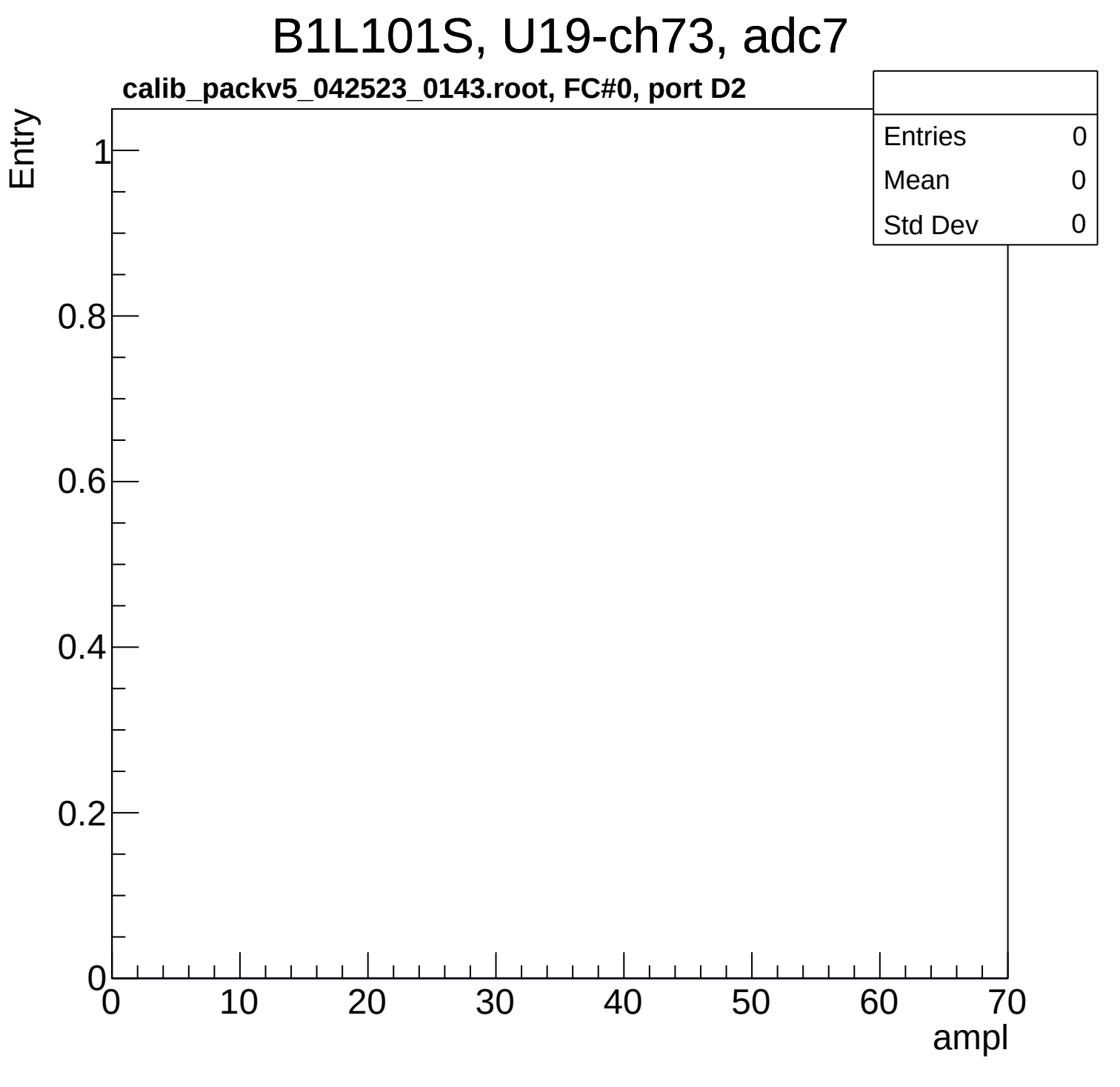
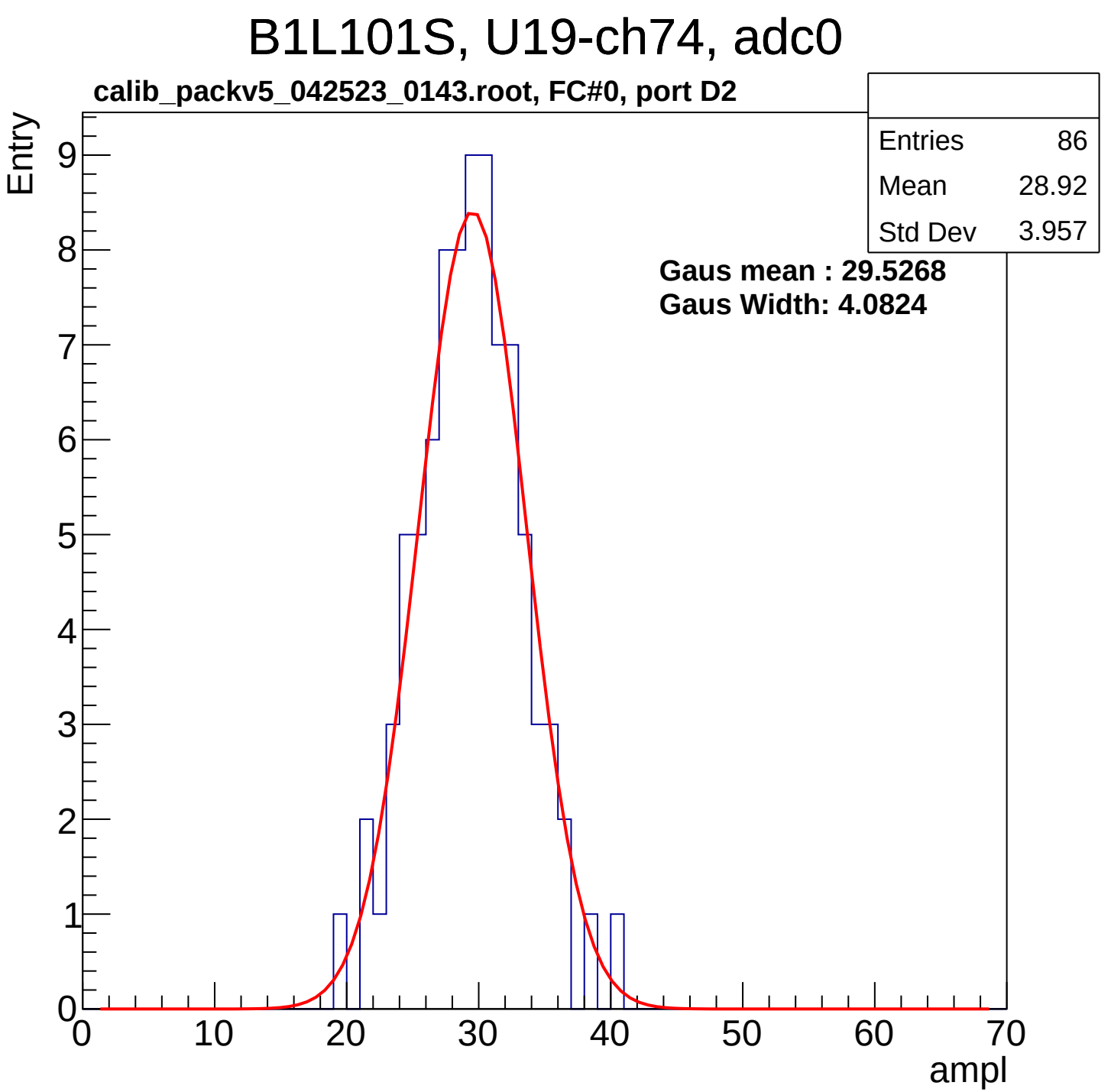

B1L101S, U19-ch73, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 56.97
Std Dev 3.279
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch73, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 60.87
Std Dev 1.784
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch73, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 46.25
Std Dev 26.71
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch73, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch74, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 86
Mean 28.92
Std Dev 3.957
Gaus mean : 29.5268
Gaus Width: 4.0824
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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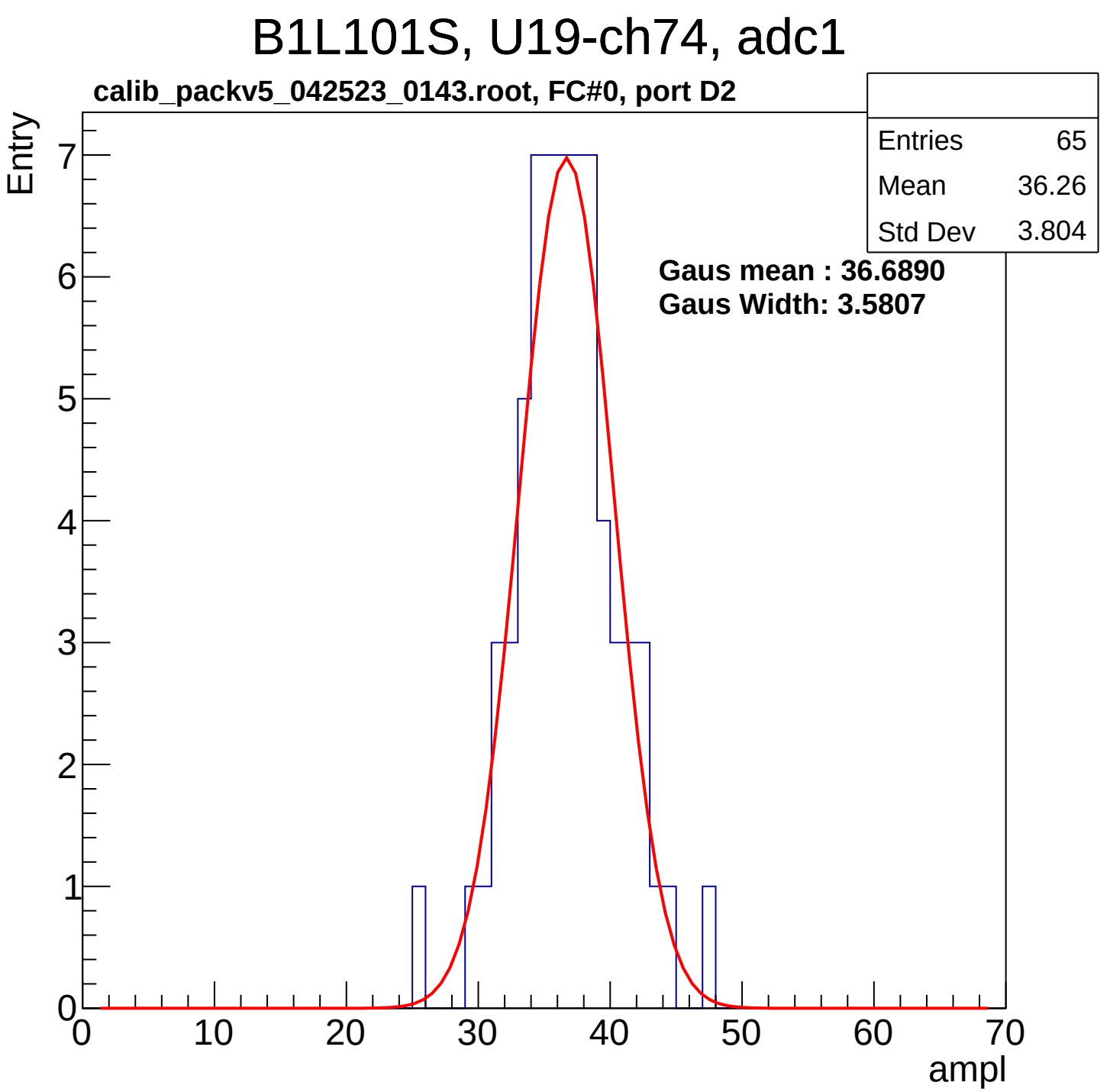
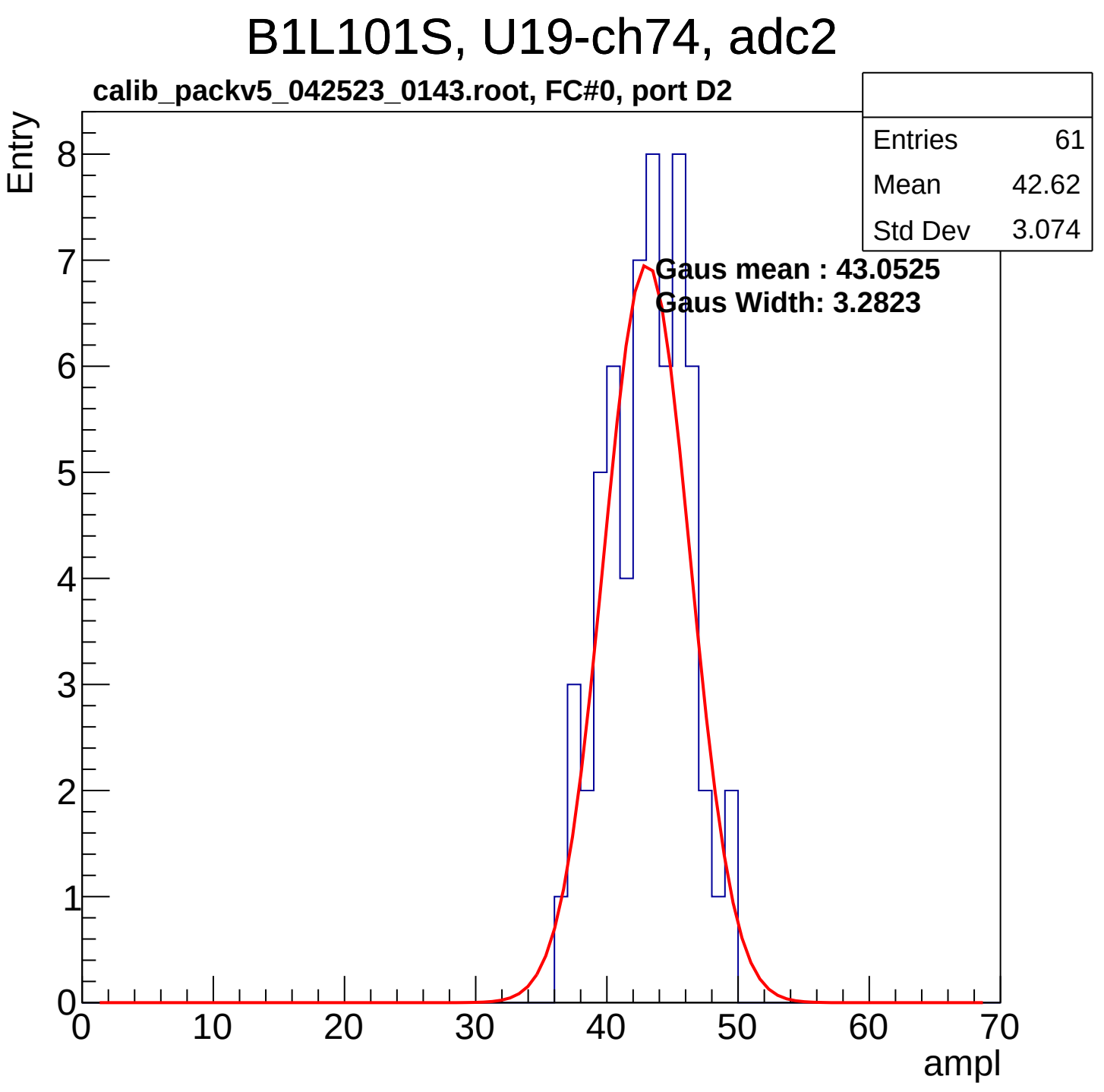
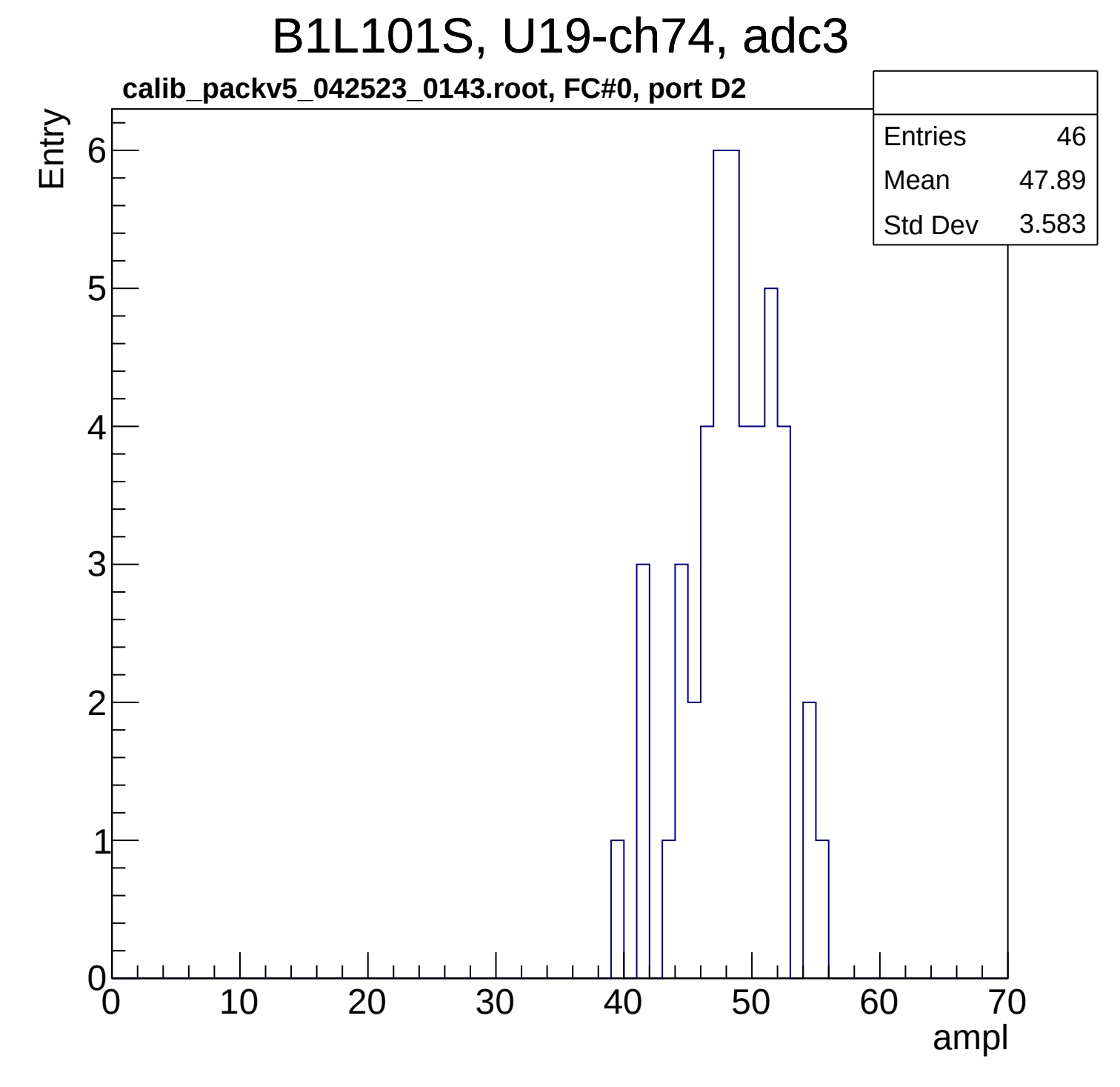
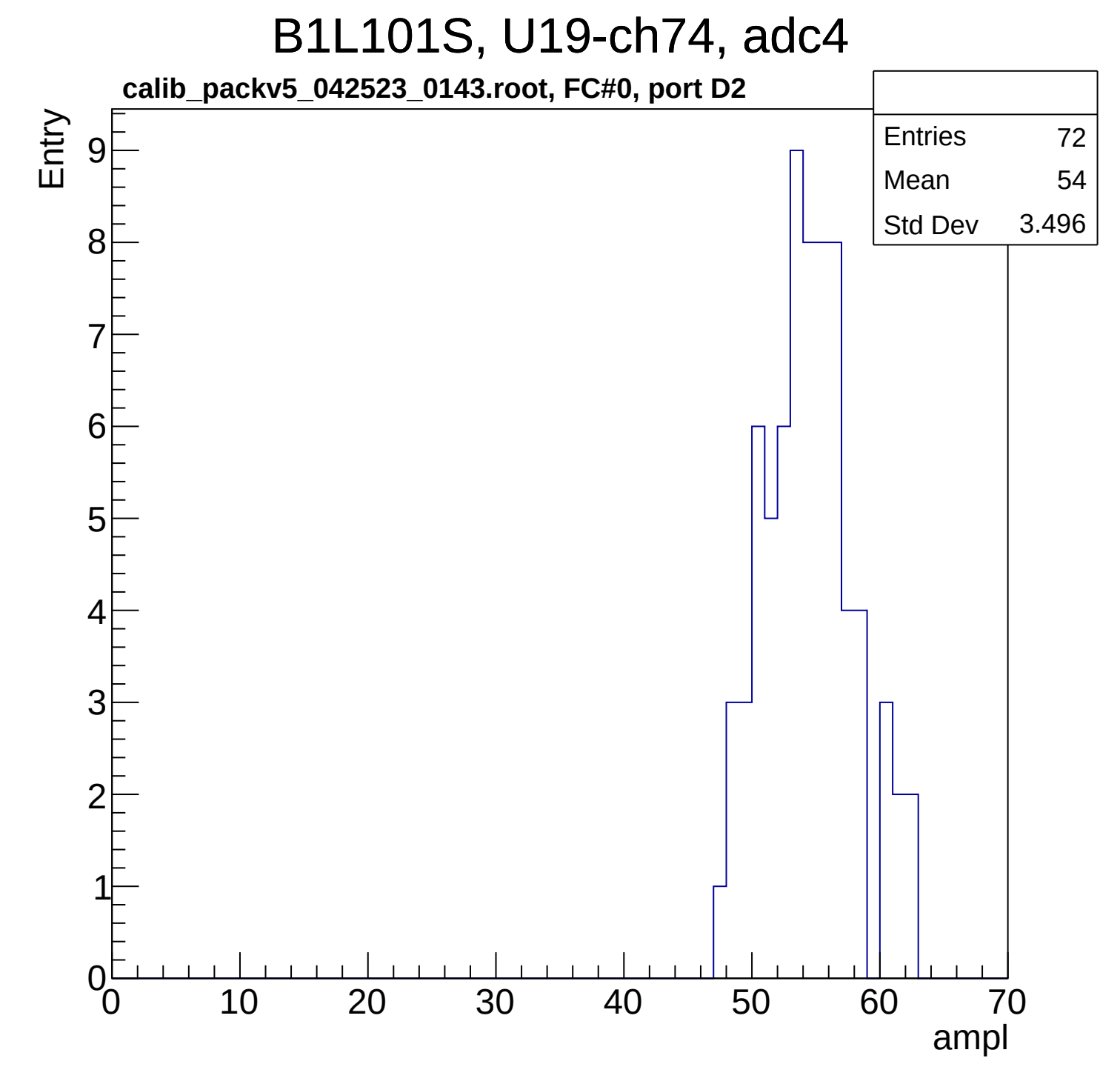
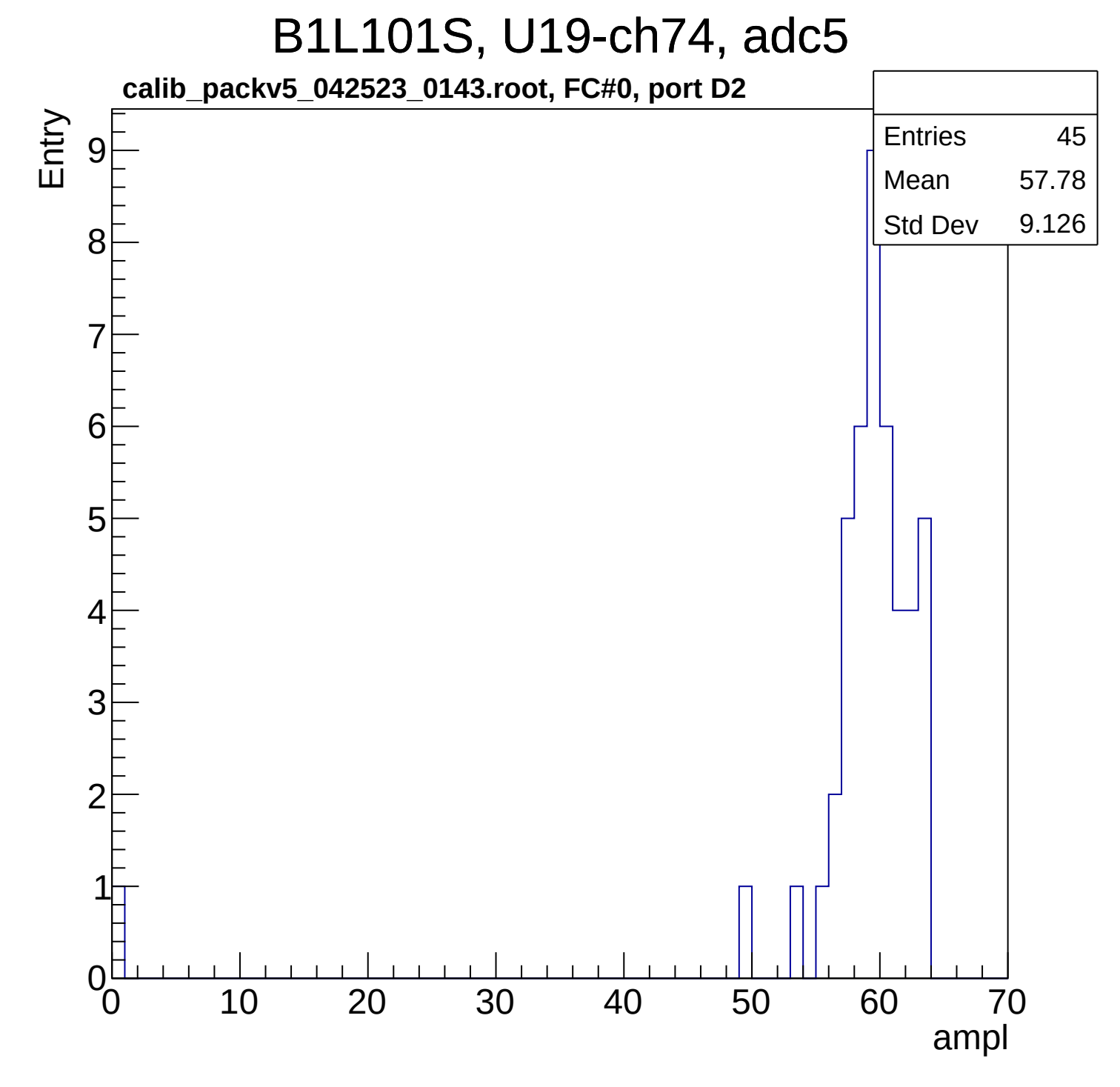

B1L101S, U19-ch74, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 36.26
Std Dev 3.804
Gaus mean : 36.6890
Gaus Width: 3.5807
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch74, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 42.62
Std Dev 3.074
Gaus mean : 43.0525
Gaus Width: 3.2823
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch74, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 47.89
Std Dev 3.583
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch74, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 54
Std Dev 3.496
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch74, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 57.78
Std Dev 9.126
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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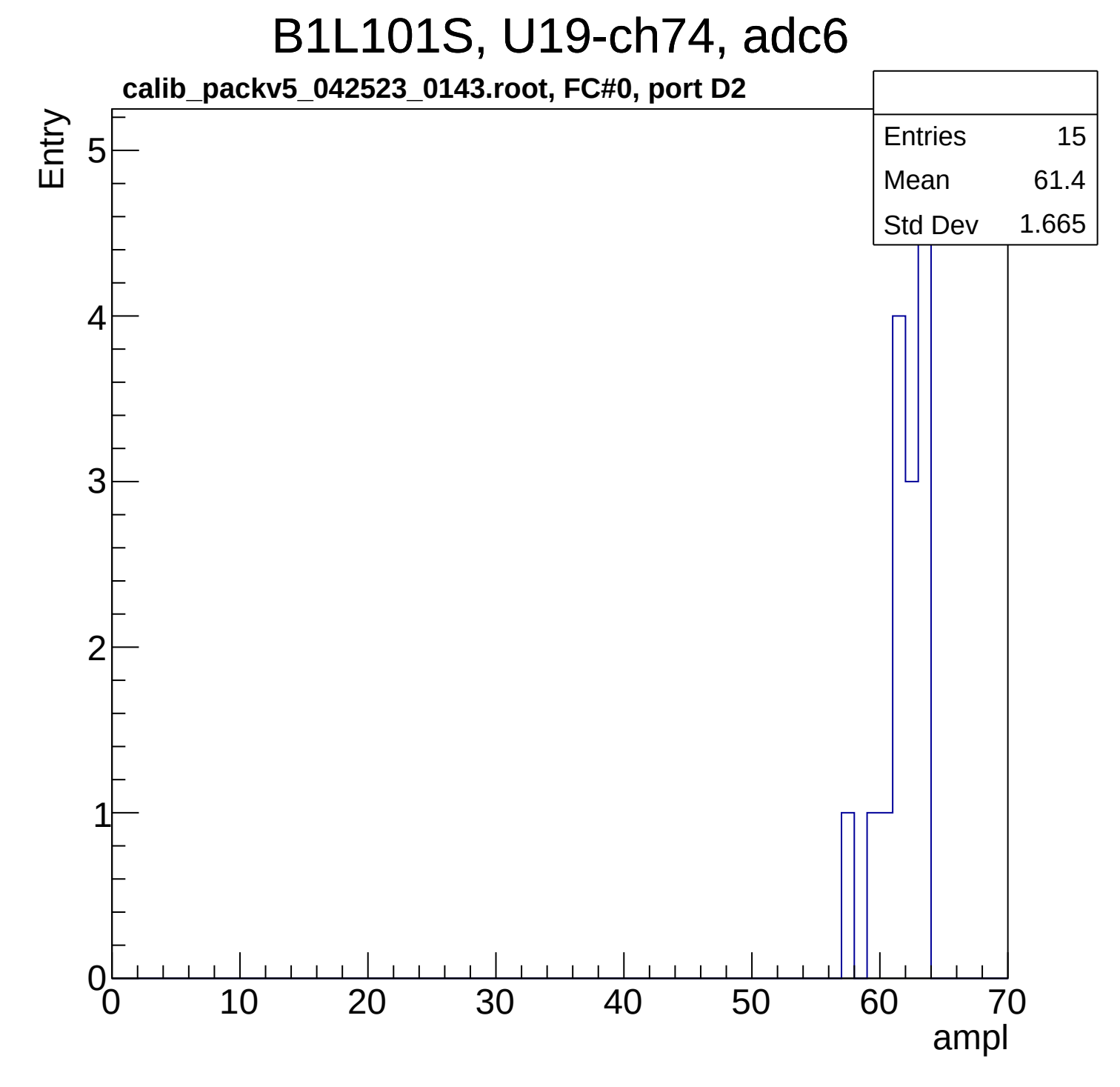
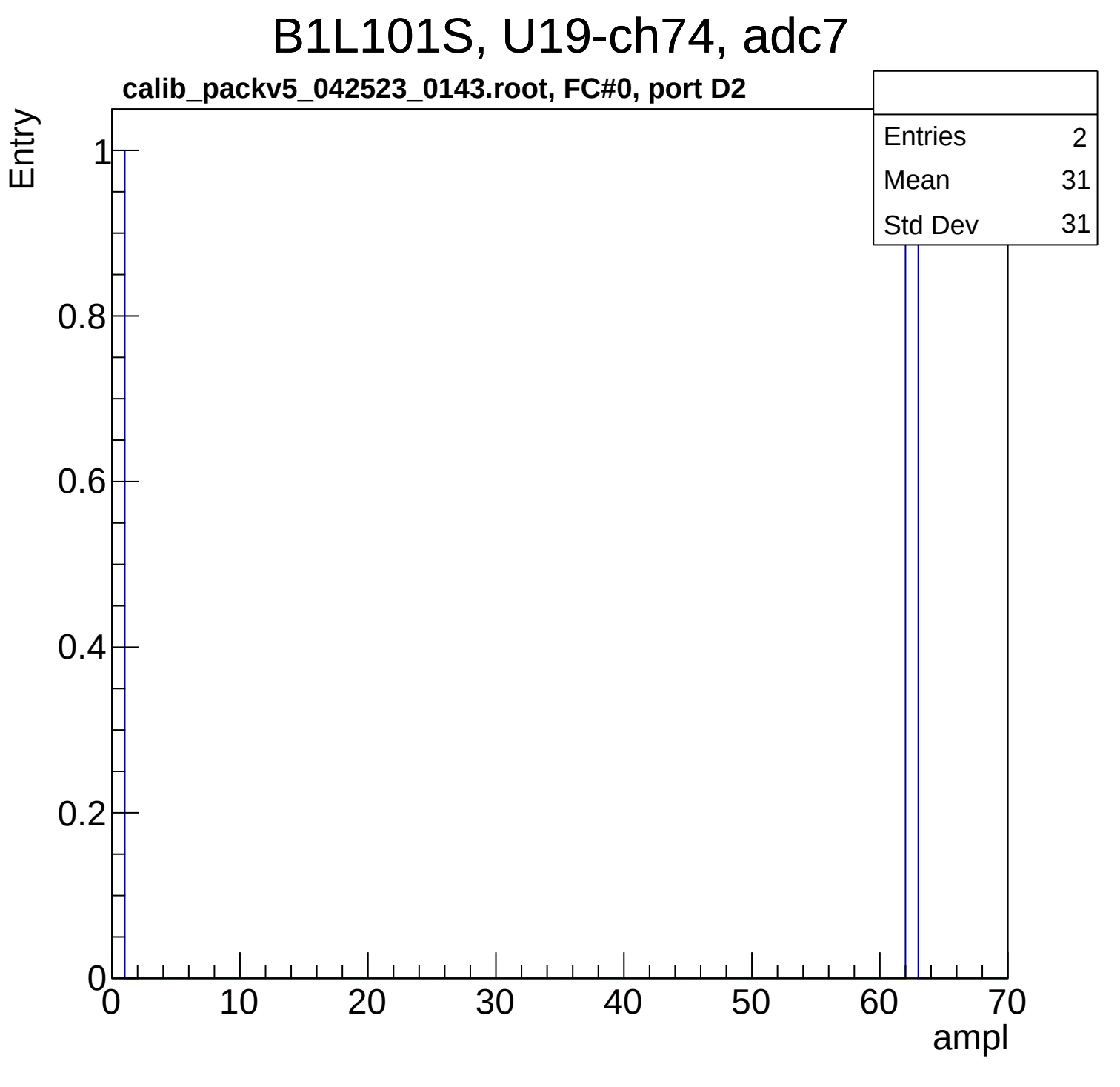
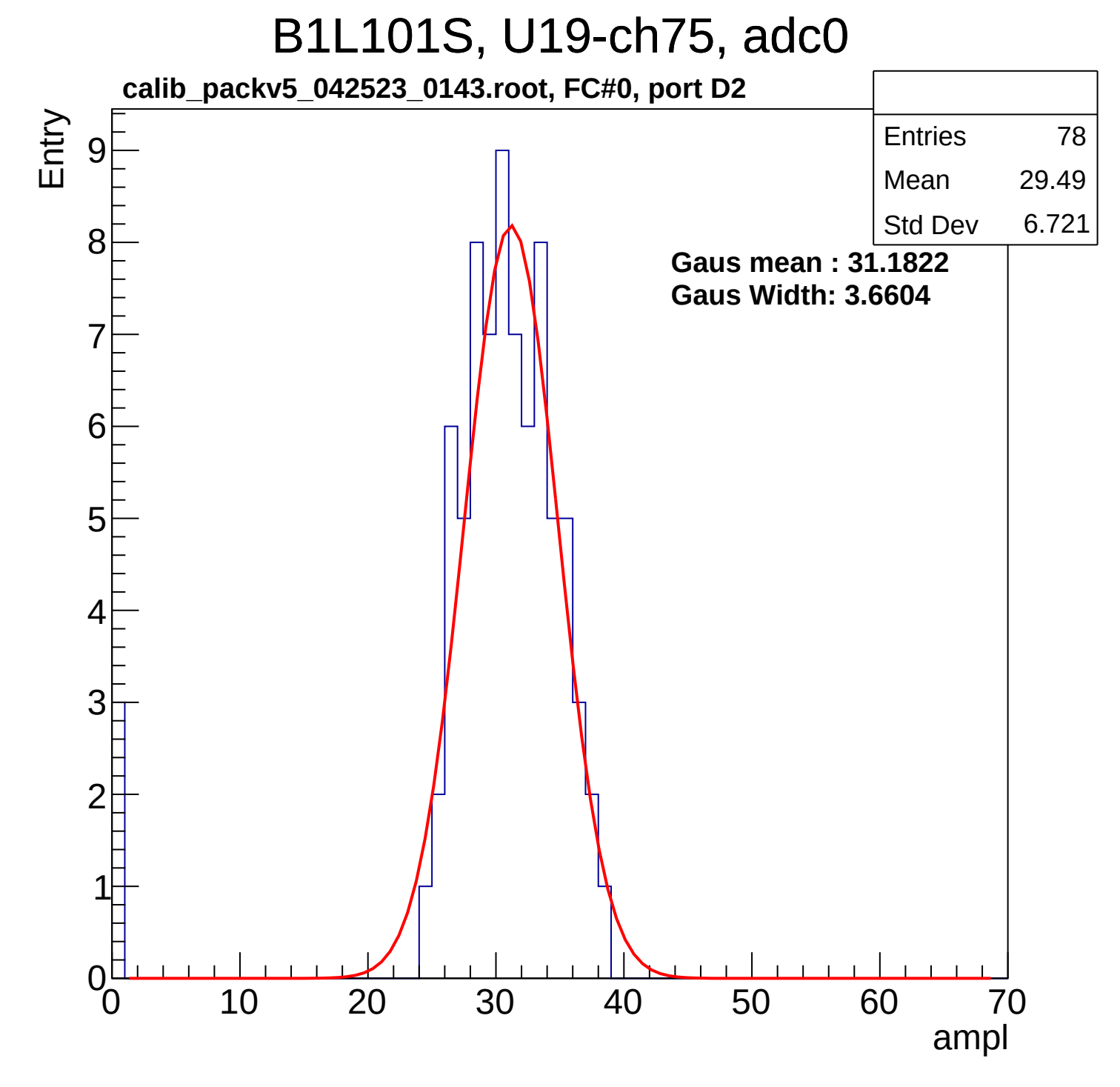
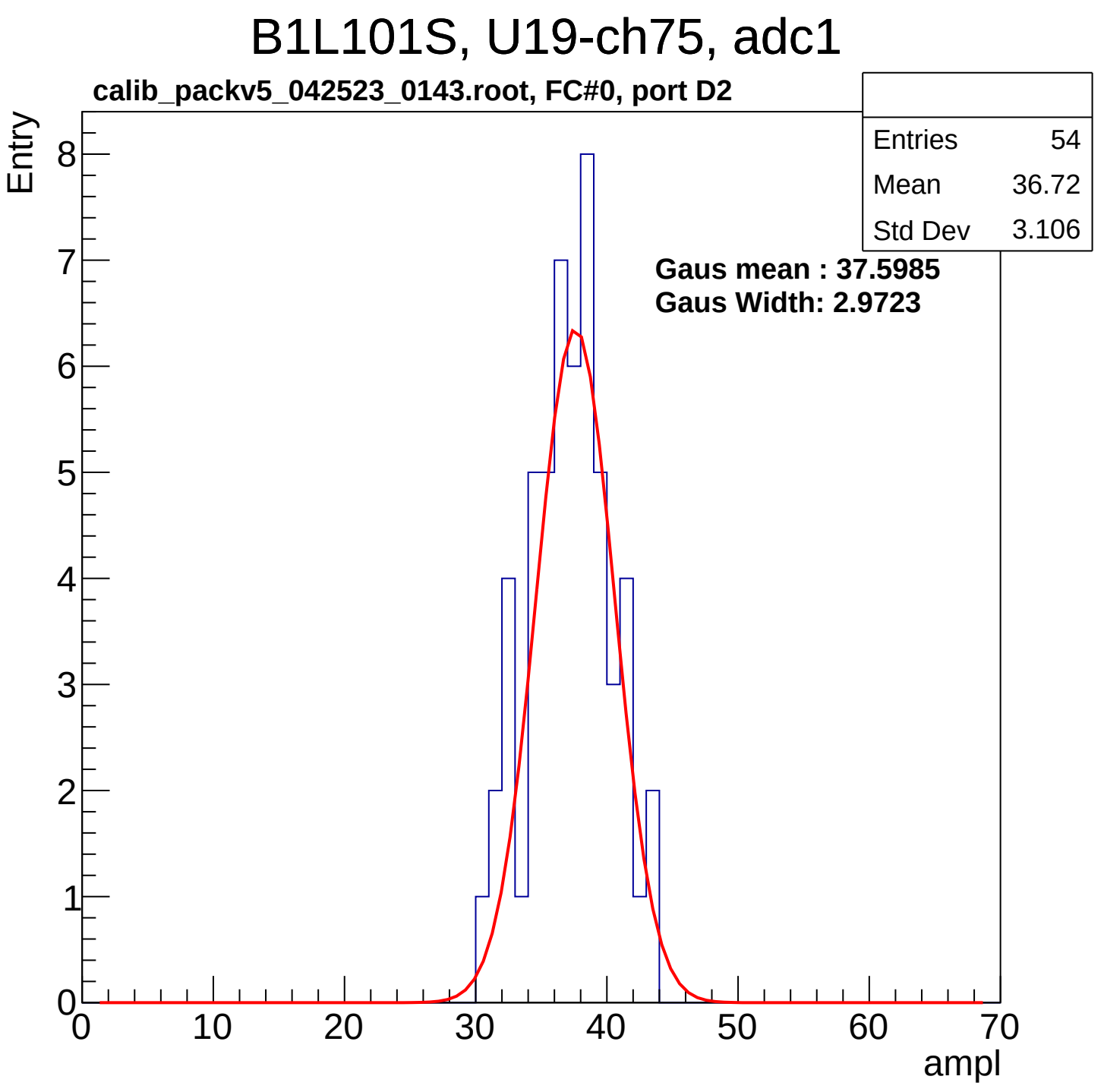
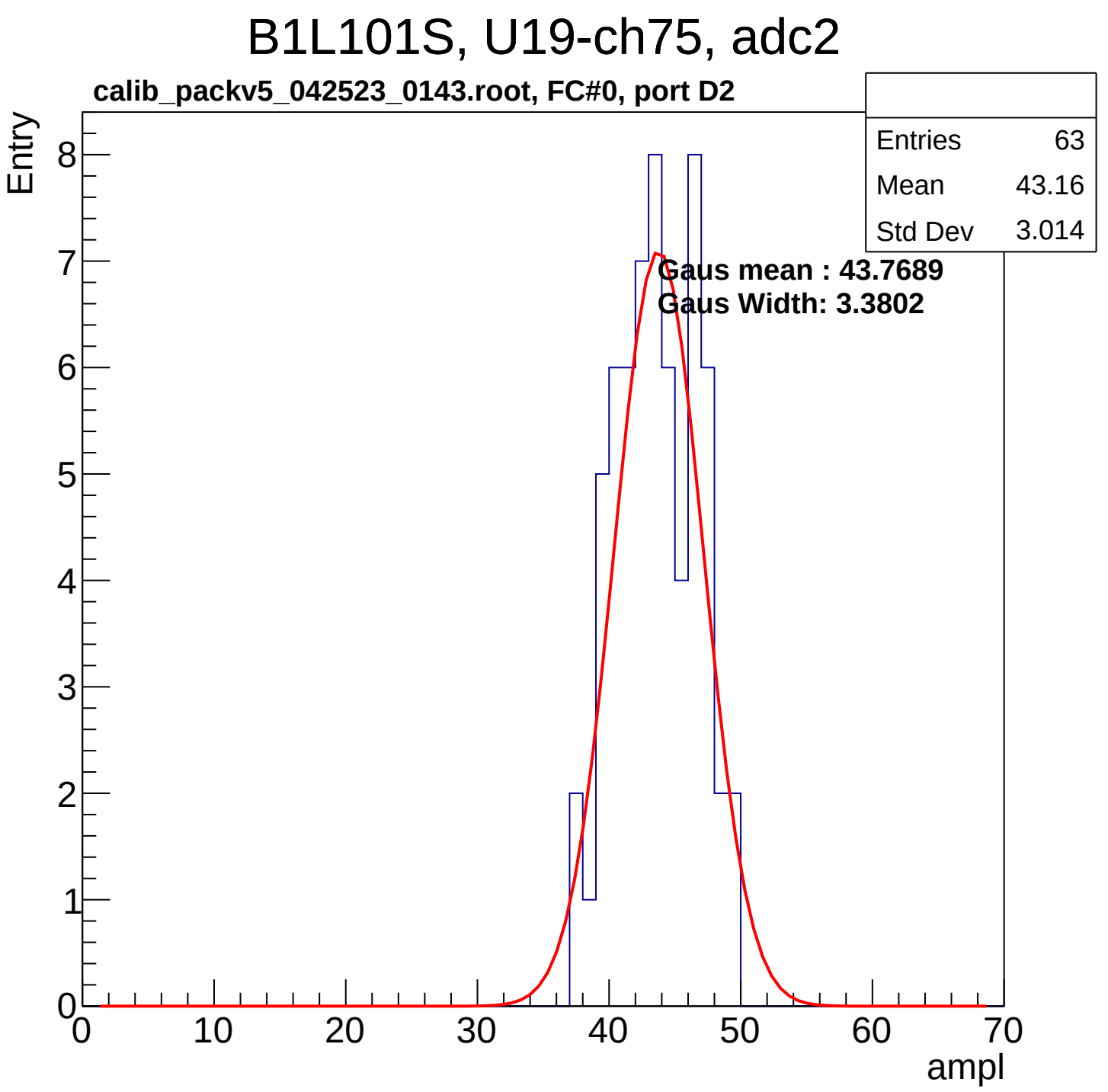
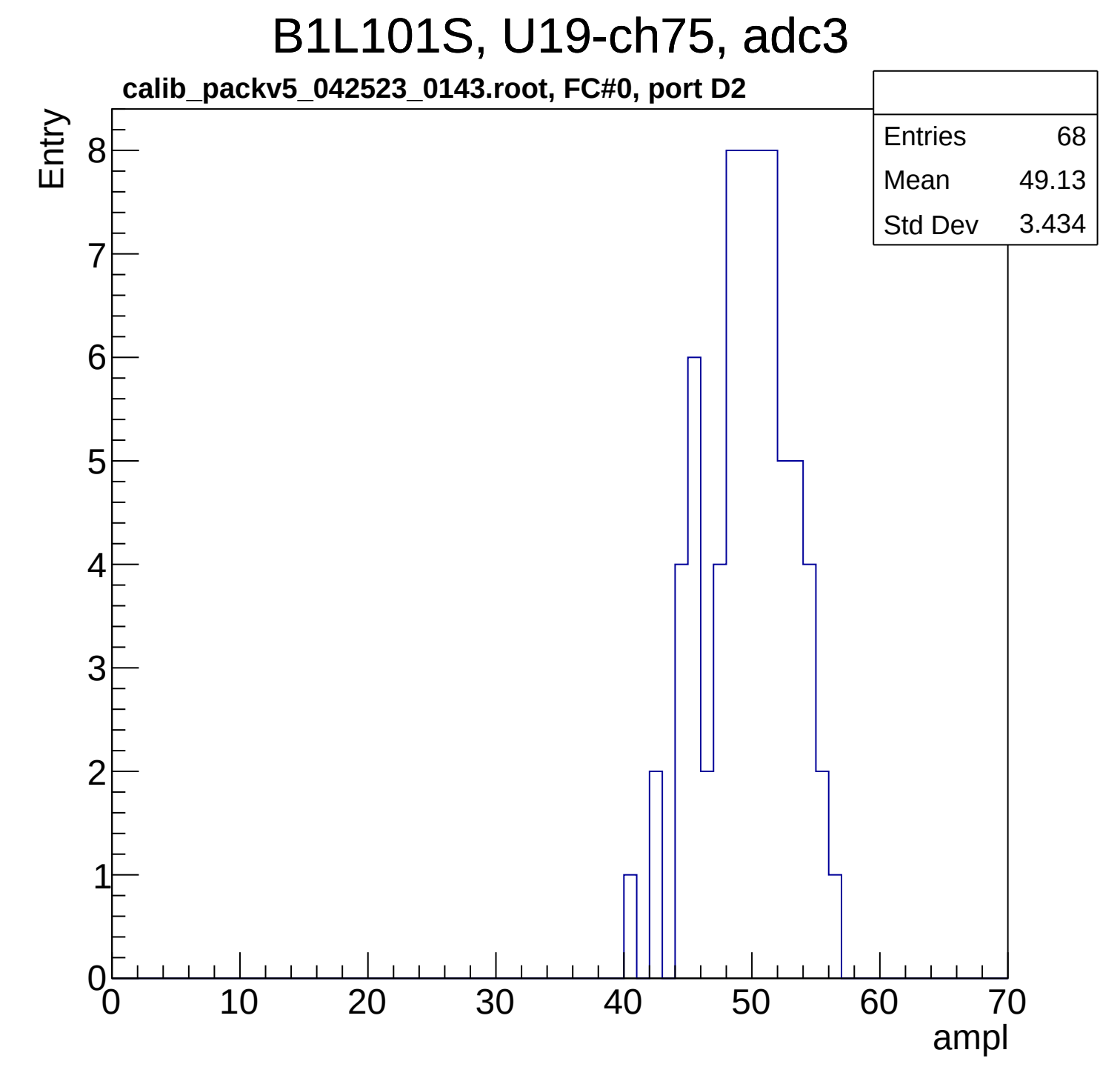

B1L101S, U19-ch74, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 15
Mean 61.4
Std Dev 1.665
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

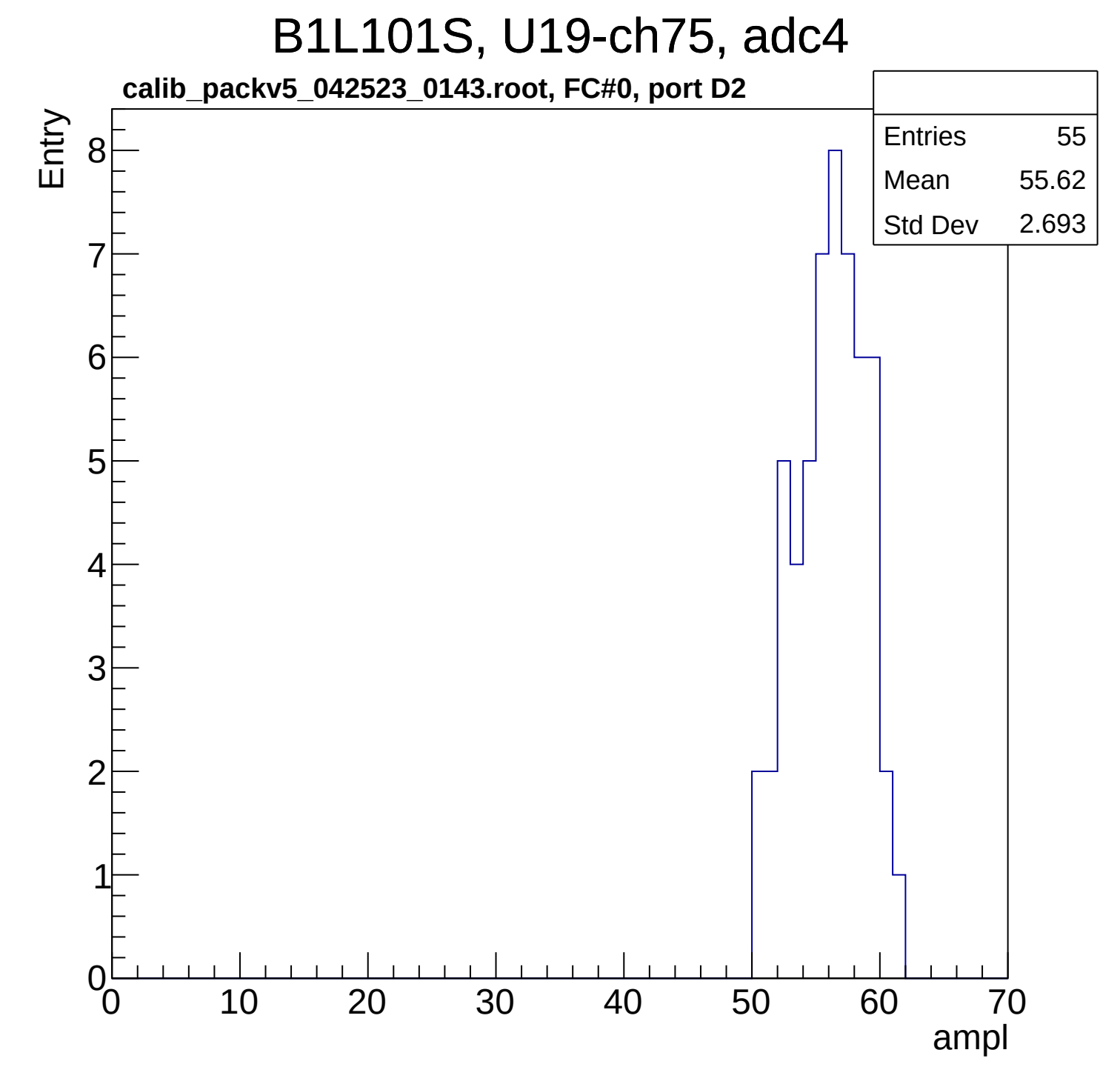

B1L101S, U19-ch74, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

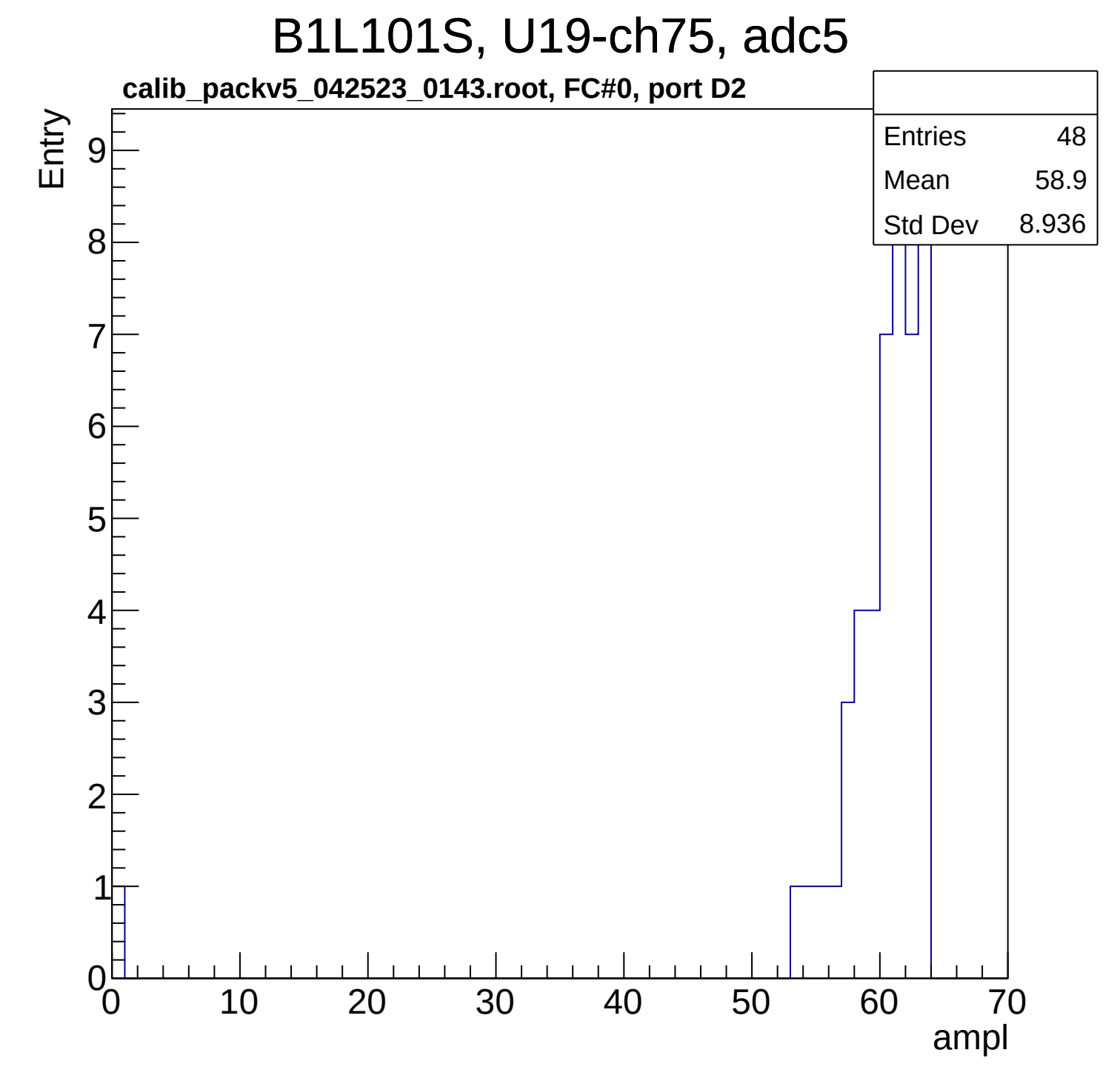

B1L101S, U19-ch75, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 29.49
Std Dev 6.721
Gaus mean : 31.1822
Gaus Width: 3.6604
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

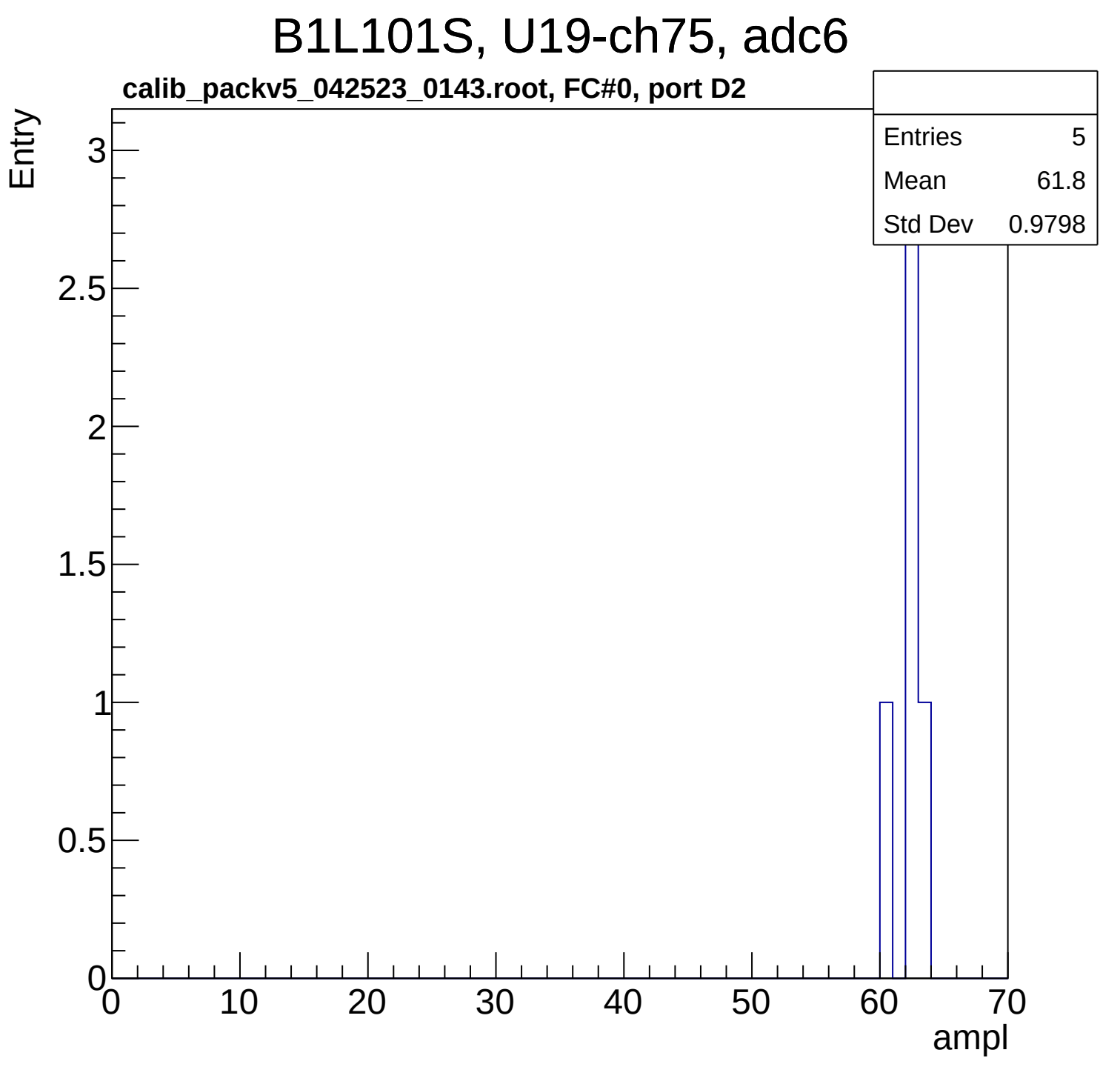

B1L101S, U19-ch75, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 36.72
Std Dev 3.106
Gaus mean : 37.5985
Gaus Width: 2.9723
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch75, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 43.16
Std Dev 3.014
Gaus mean : 43.7689
Gaus Width: 3.3802
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch75, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 49.13
Std Dev 3.434
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch75, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 55.62
Std Dev 2.693
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch75, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 58.9
Std Dev 8.936
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch75, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 61.8
Std Dev 0.9798
Entry
ampl
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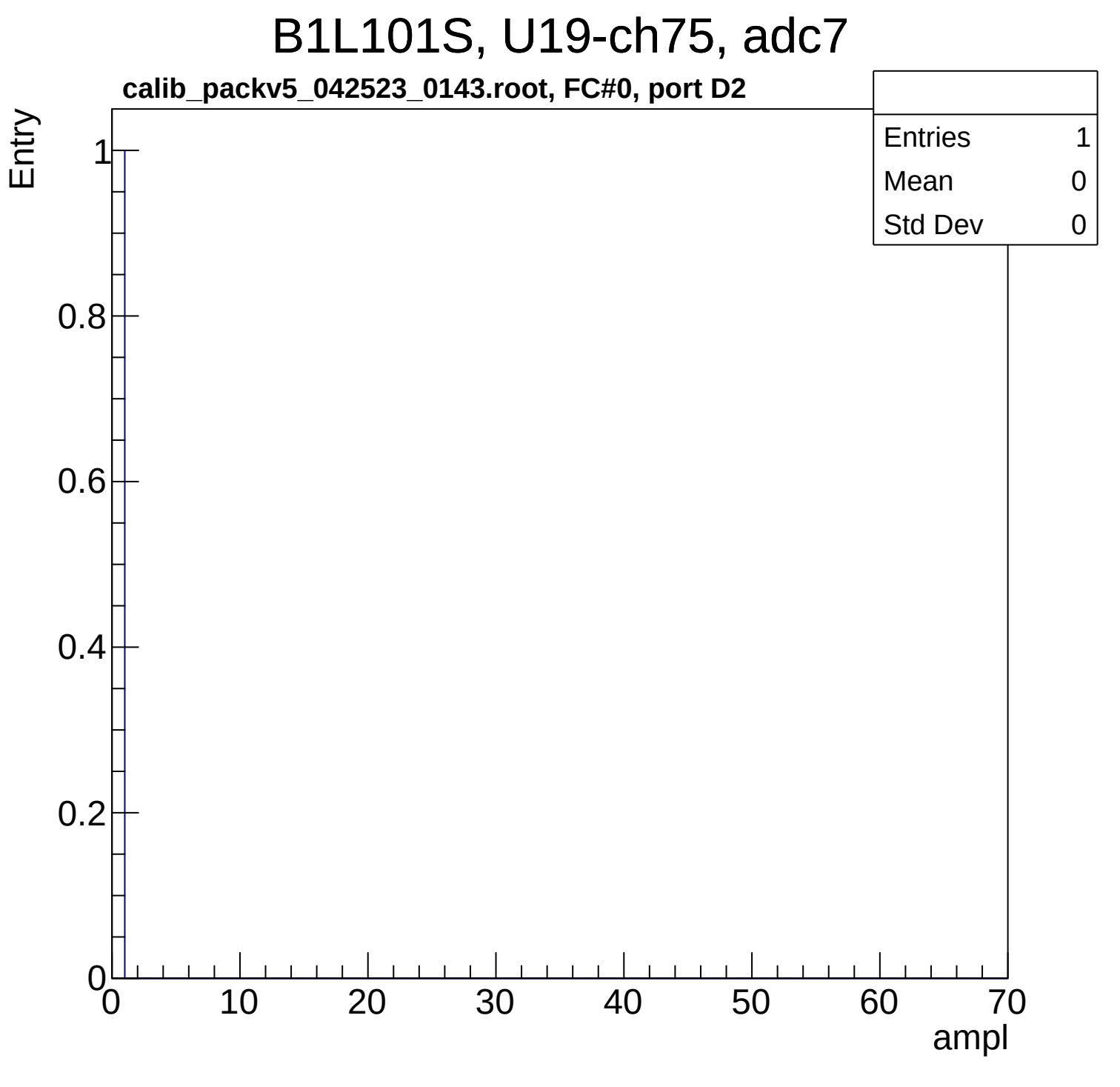
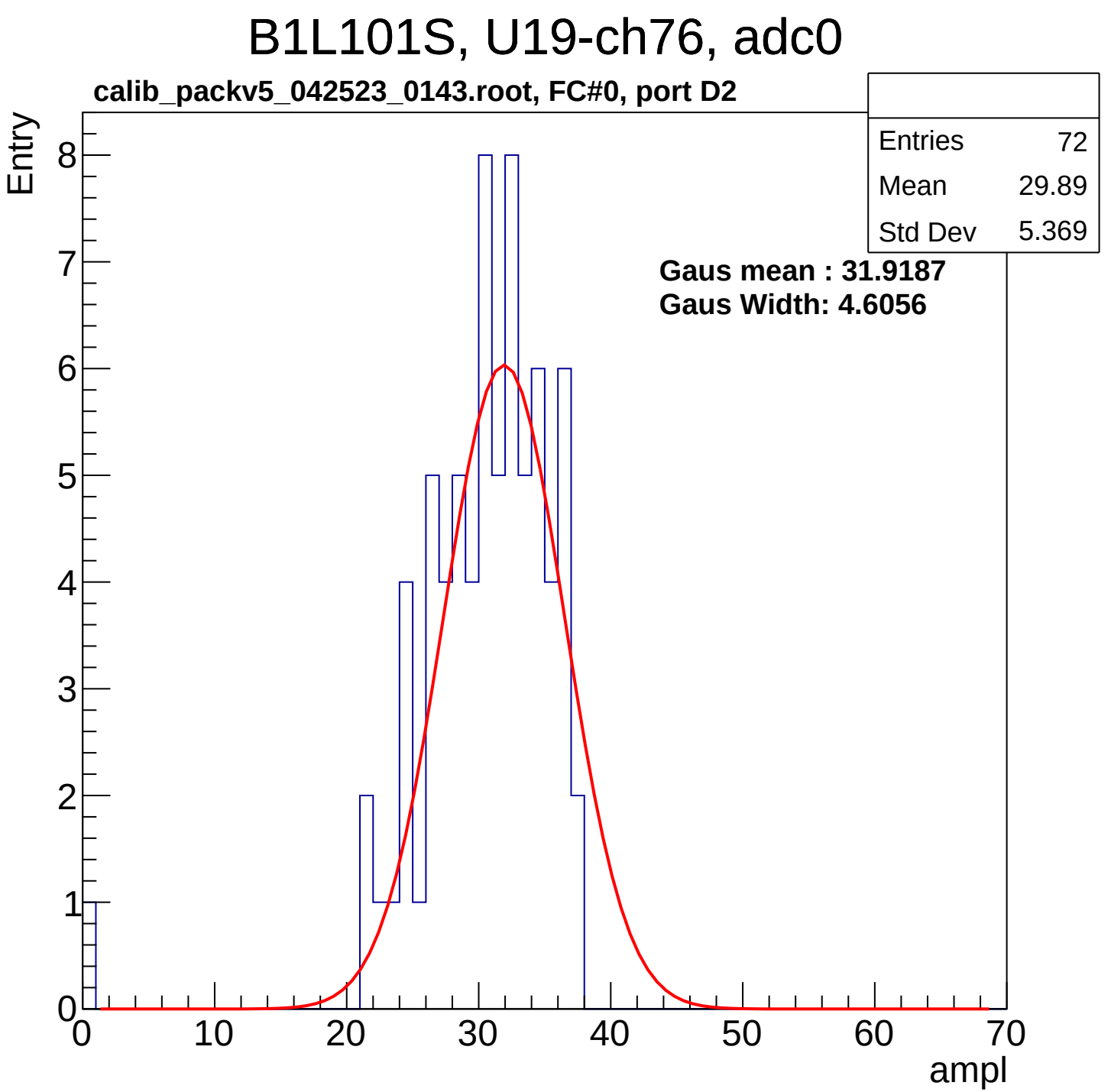
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch75, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch76, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 29.89
Std Dev 5.369
Gaus mean : 31.9187
Gaus Width: 4.6056
Entry
ampl
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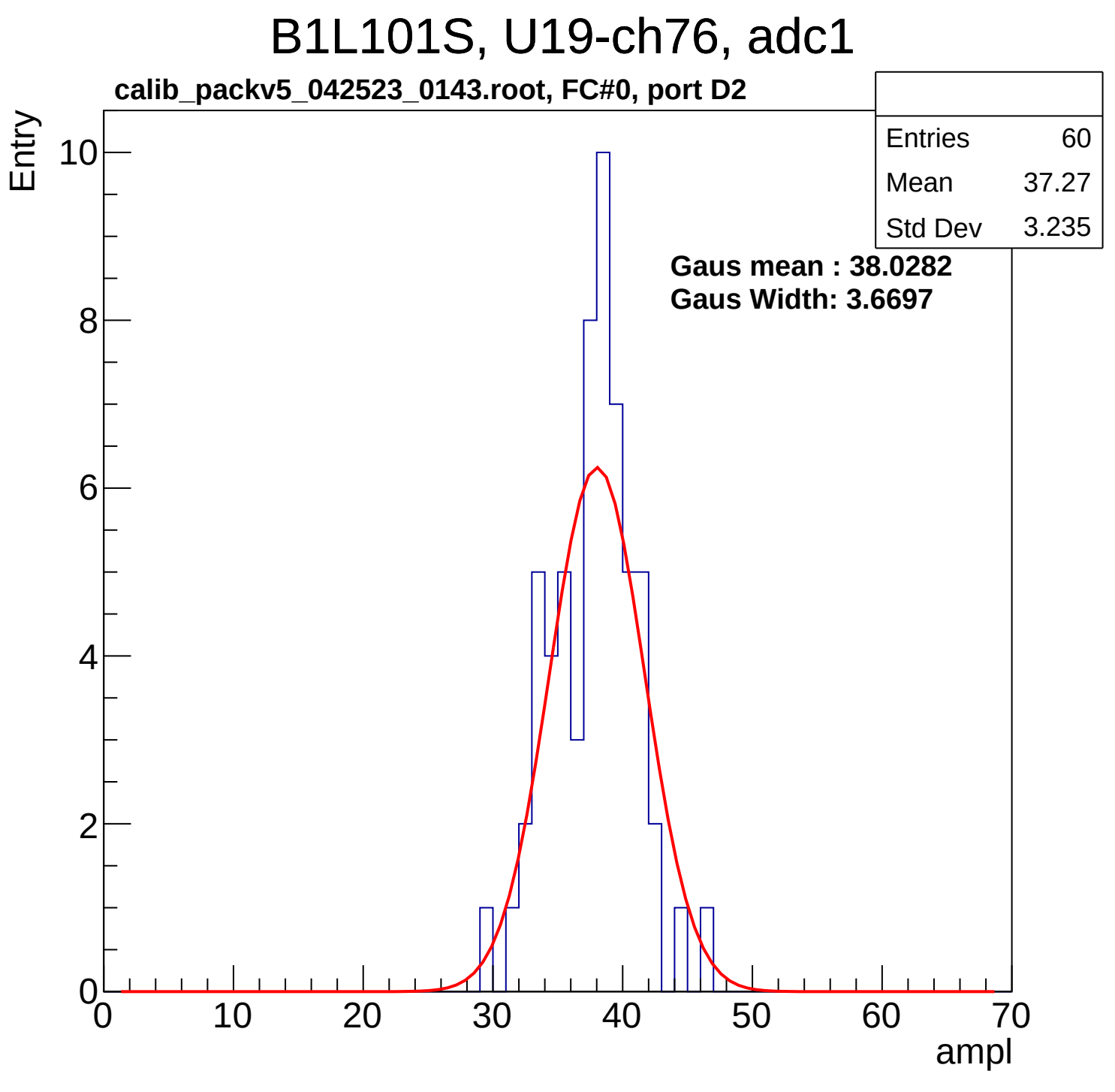
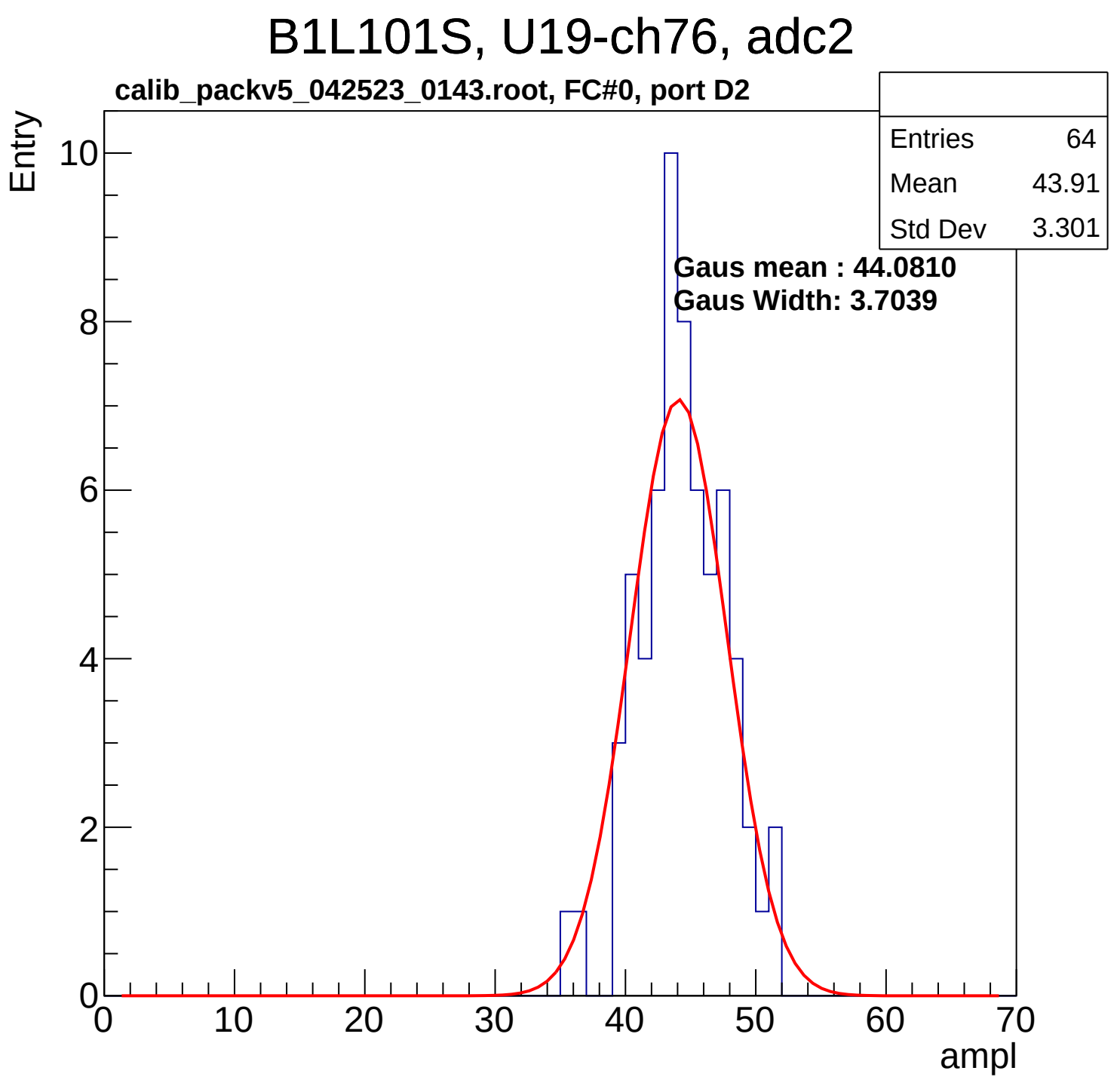
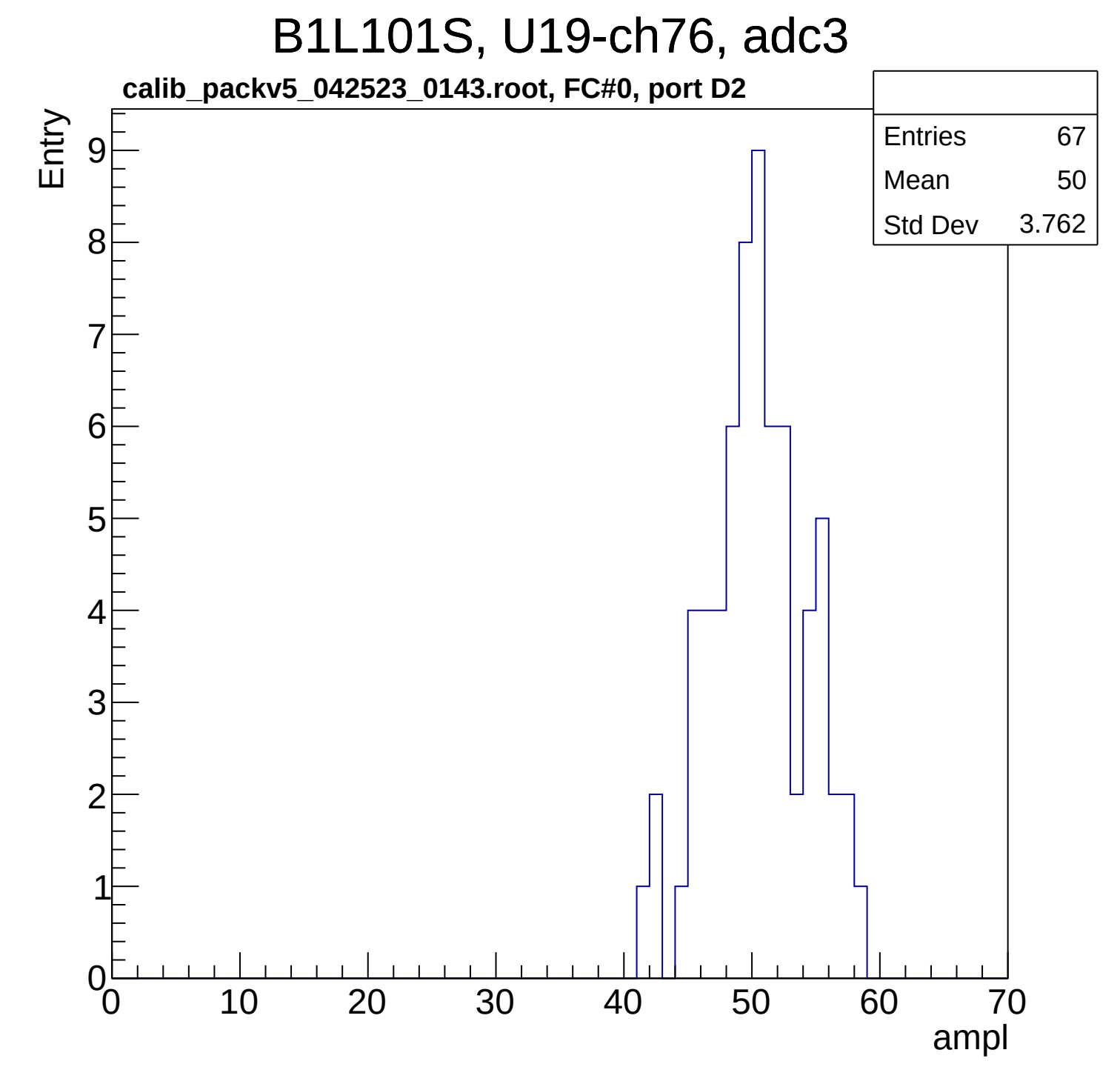
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch76, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 37.27
Std Dev 3.235
Gaus mean : 38.0282
Gaus Width: 3.6697
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch76, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 43.91
Std Dev 3.301
Gaus mean : 44.0810
Gaus Width: 3.7039
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch76, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 50
Std Dev 3.762
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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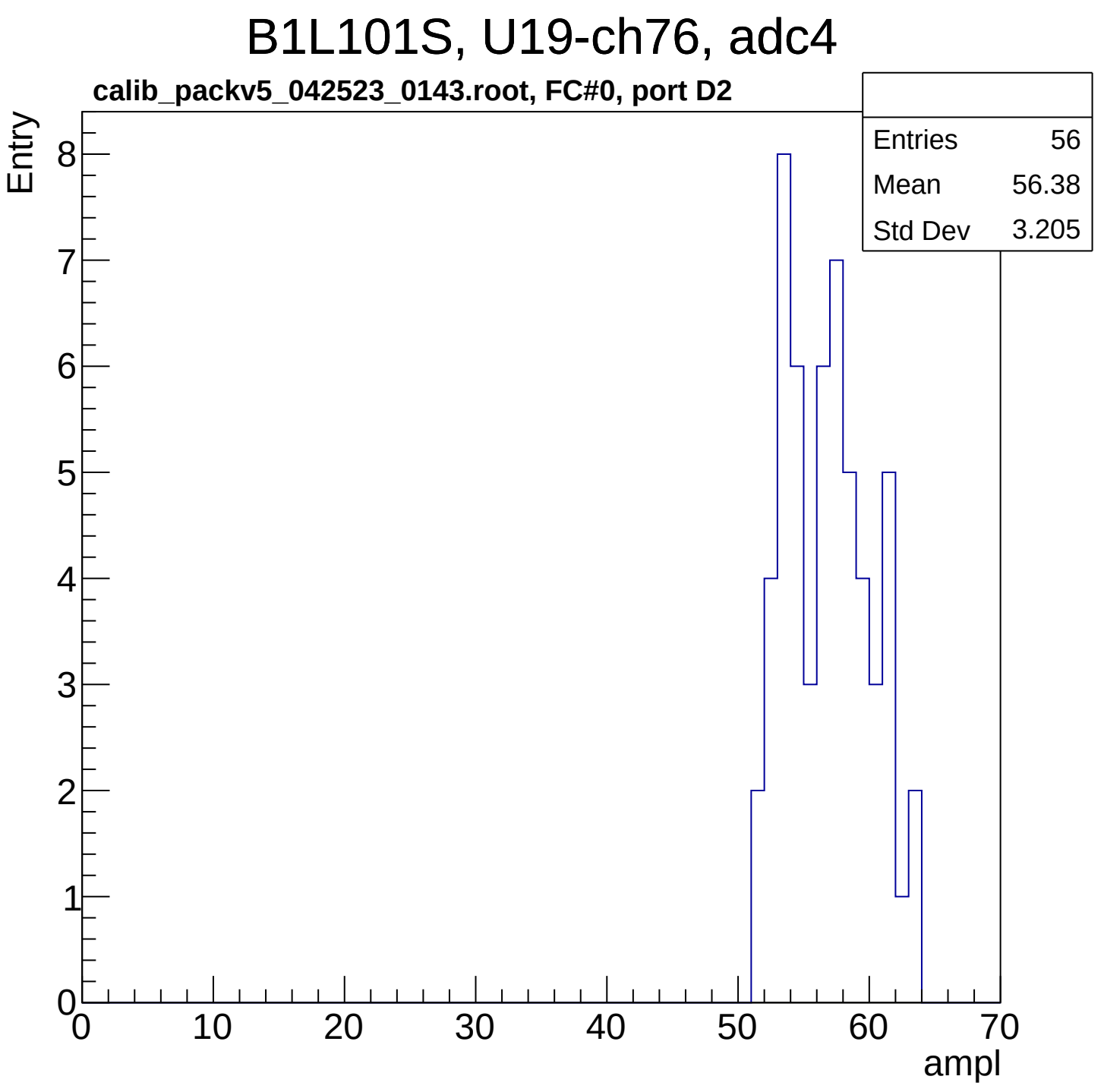
40
50
60
70


B1L101S, U19-ch76, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 56.38
Std Dev 3.205
Entry
0
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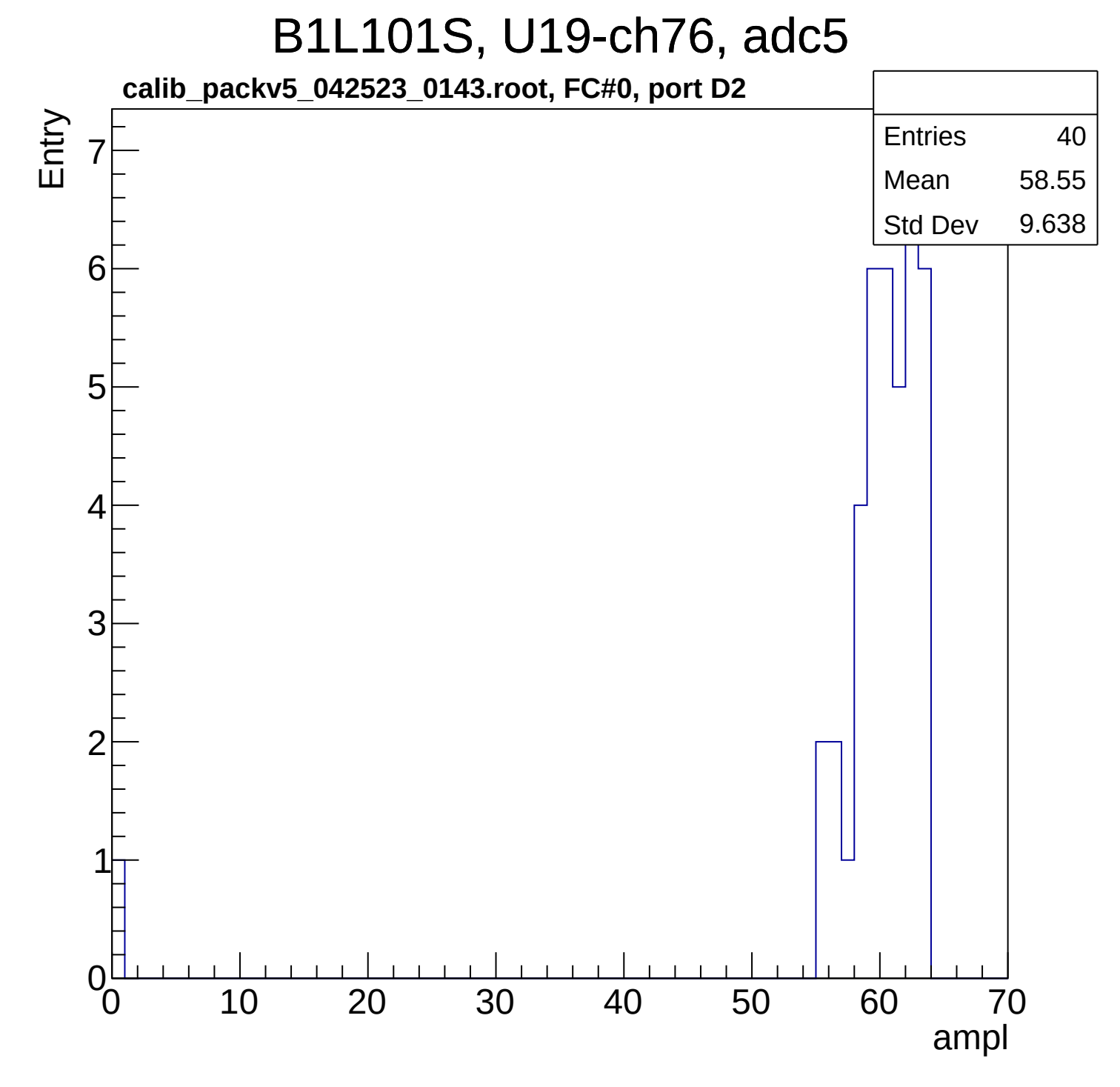
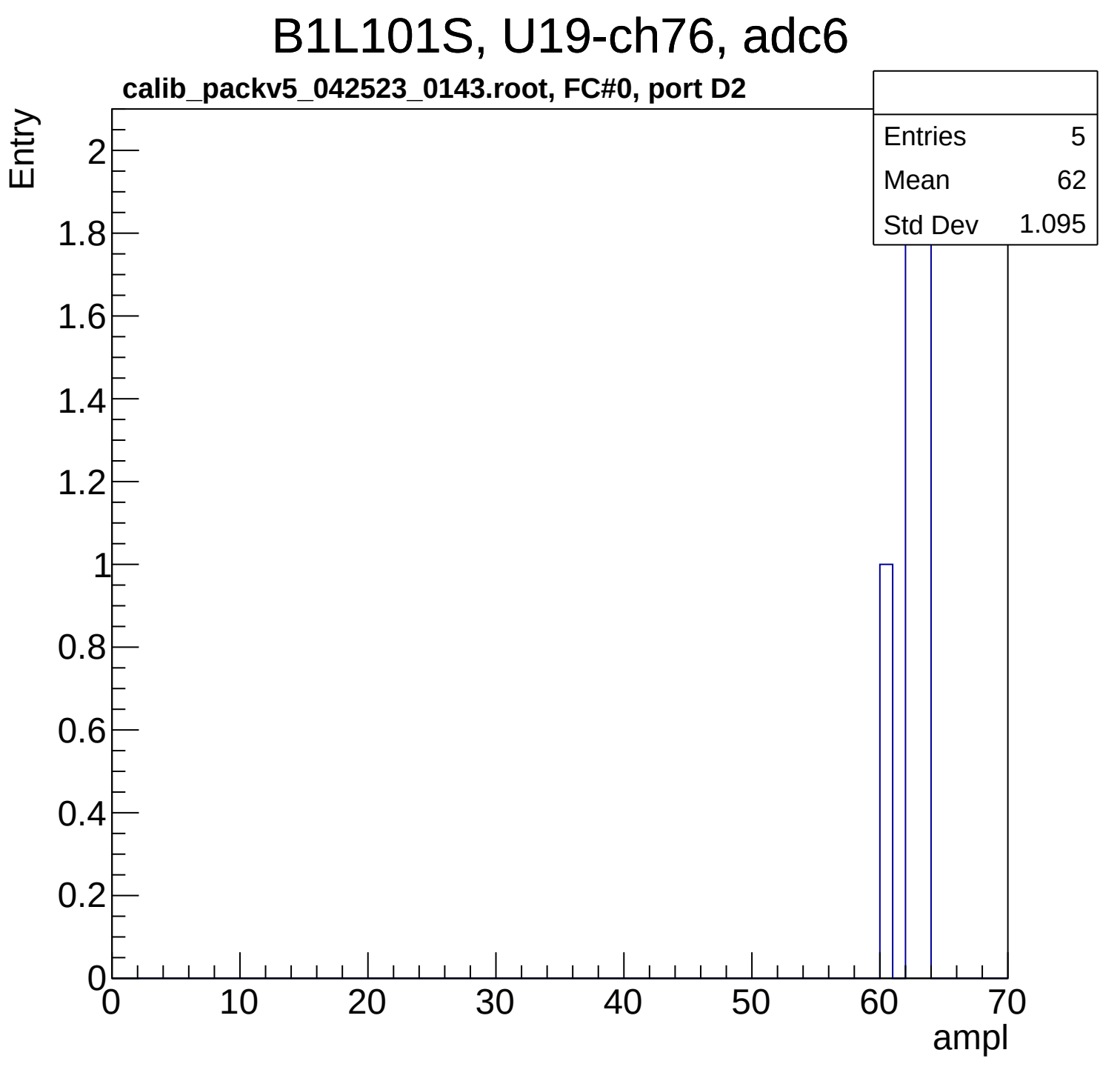
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch76, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 58.55
Std Dev 9.638
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch76, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 62
Std Dev 1.095
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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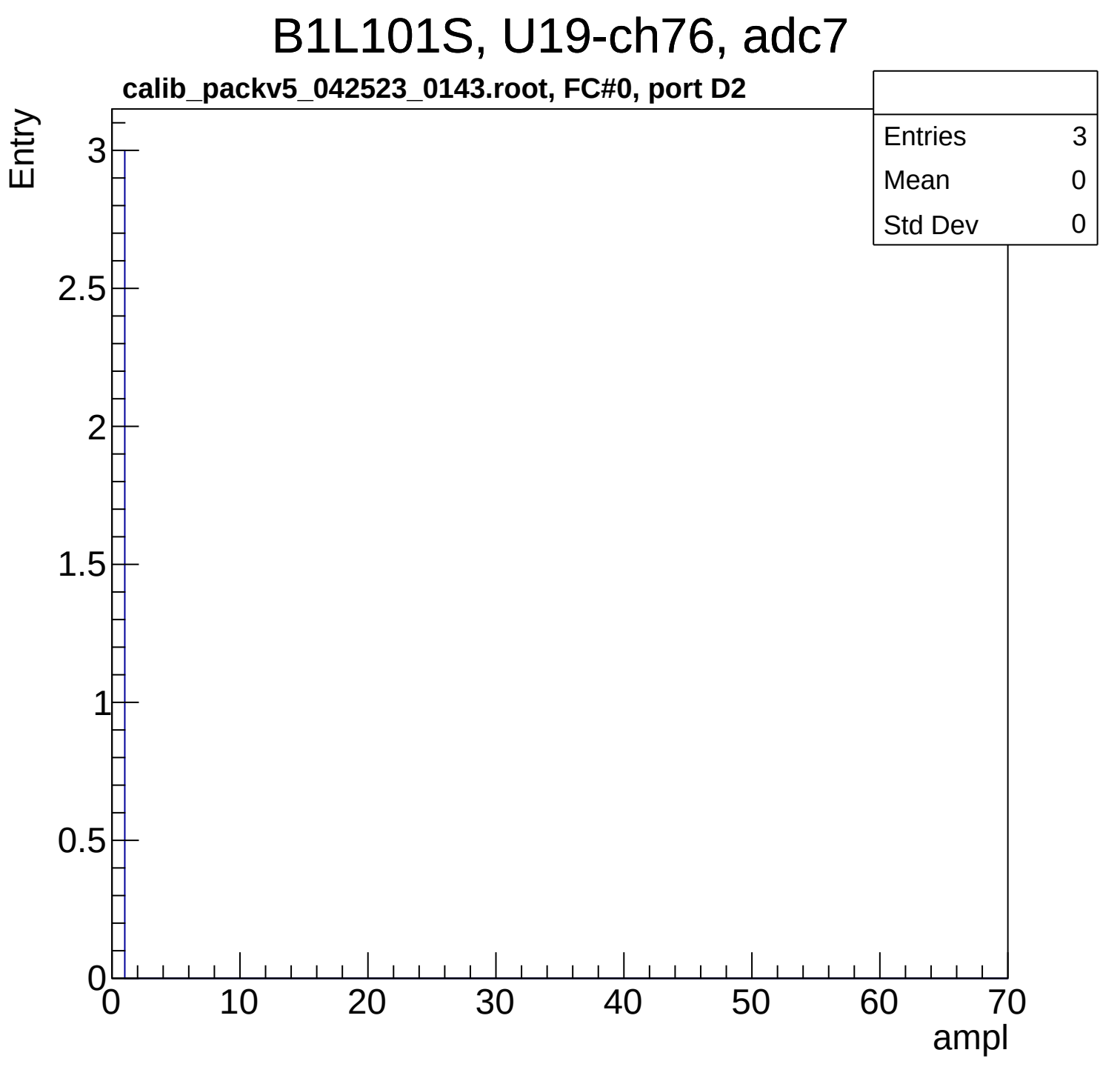
B1L101S, U19-ch76, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 0
Std Dev 0
Entry
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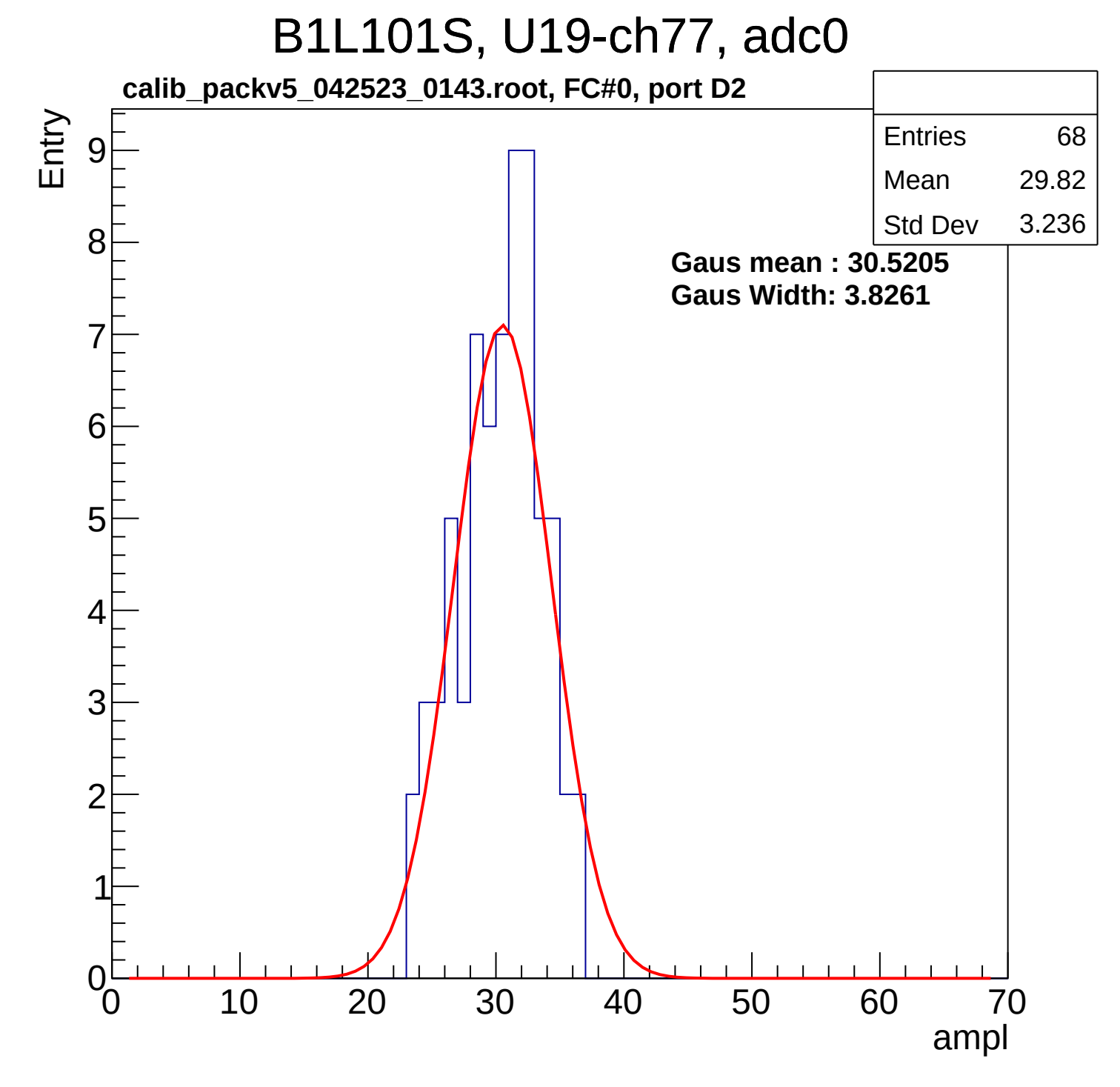
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch77, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 29.82
Std Dev 3.236
Gaus mean : 30.5205
Gaus Width: 3.8261
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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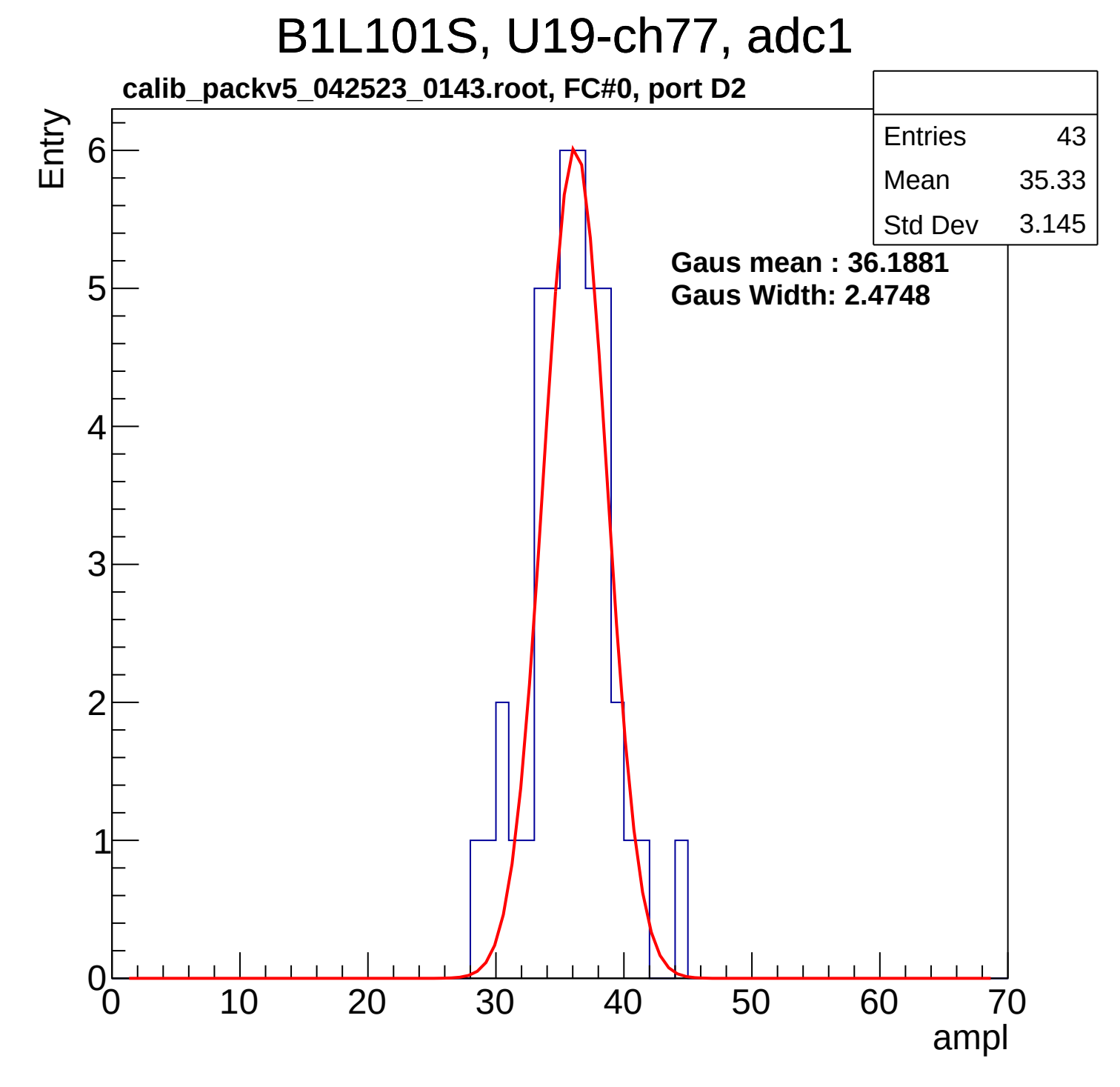
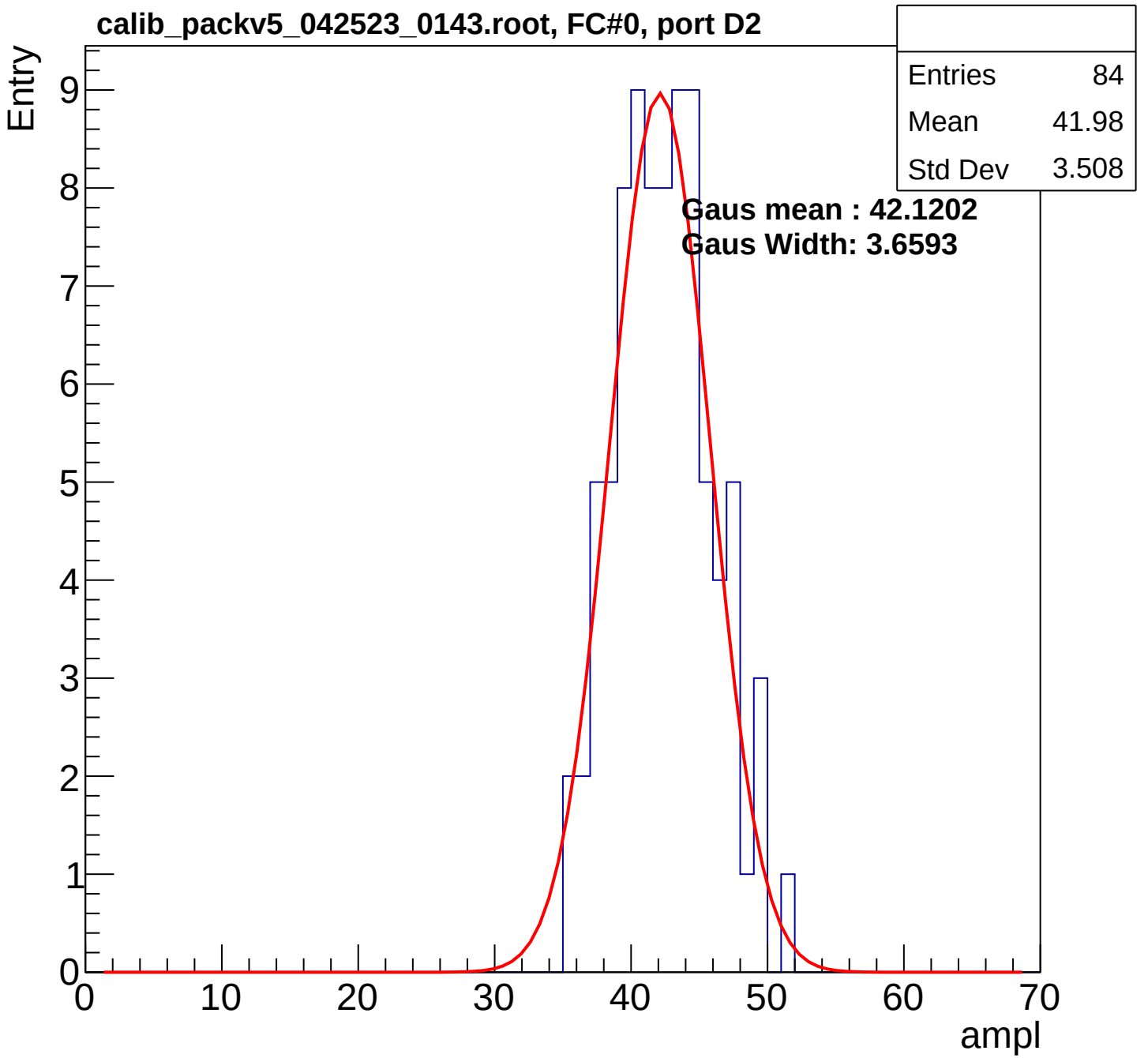
40
50
60
70


B1L101S, U19-ch77, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 35.33
Std Dev 3.145
Gaus mean : 36.1881
Gaus Width: 2.4748
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U19-ch77, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 41.98
Std Dev 3.508
Gaus mean : 42.1202
Gaus Width: 3.6593
Entry
ampl
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2
3
4
5
6
7
8
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0
10
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40
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60
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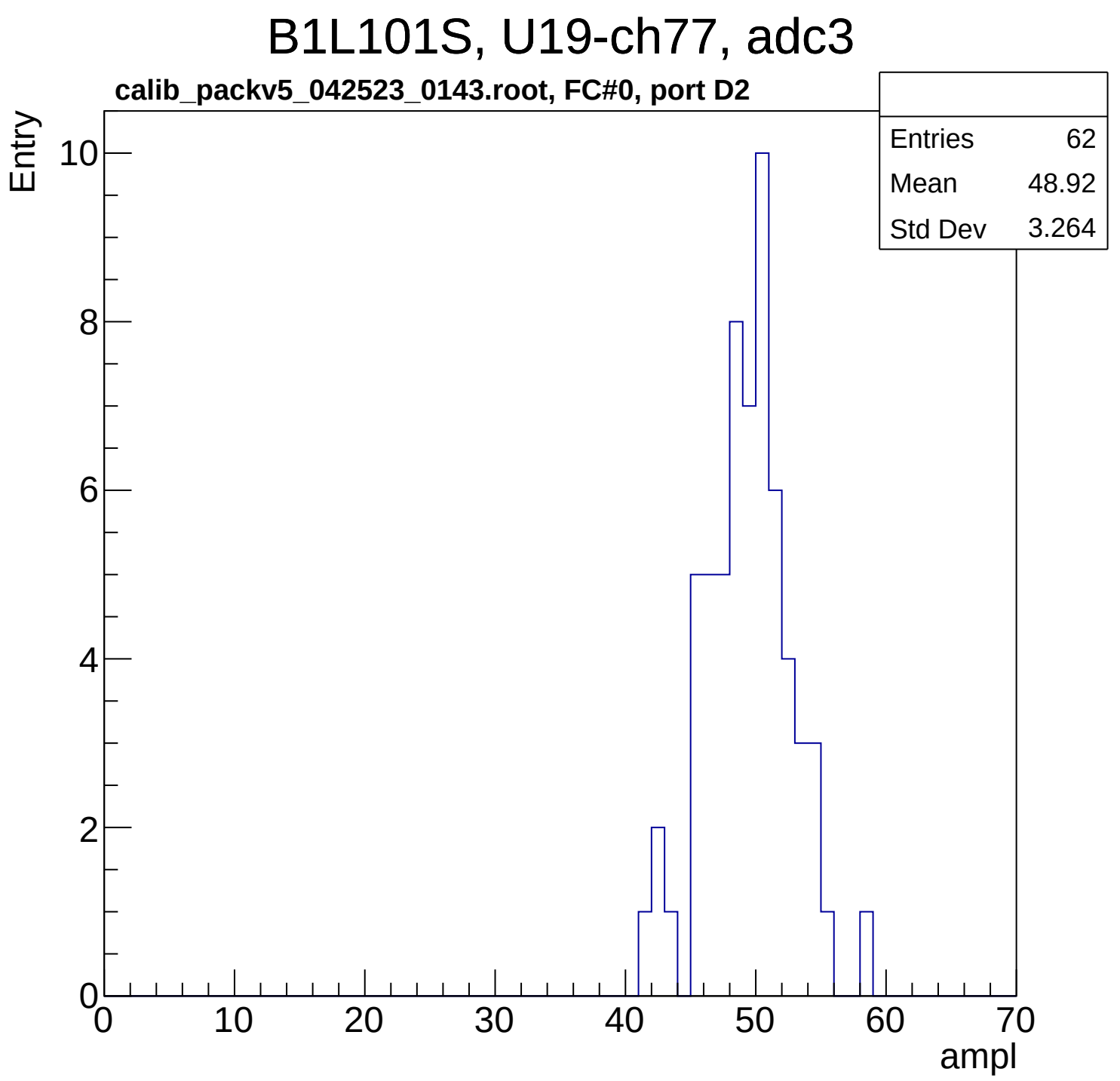
B1L101S, U19-ch77, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 48.92
Std Dev 3.264
Entry
ampl
0
2
4
6
8
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0
10
20
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40
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60
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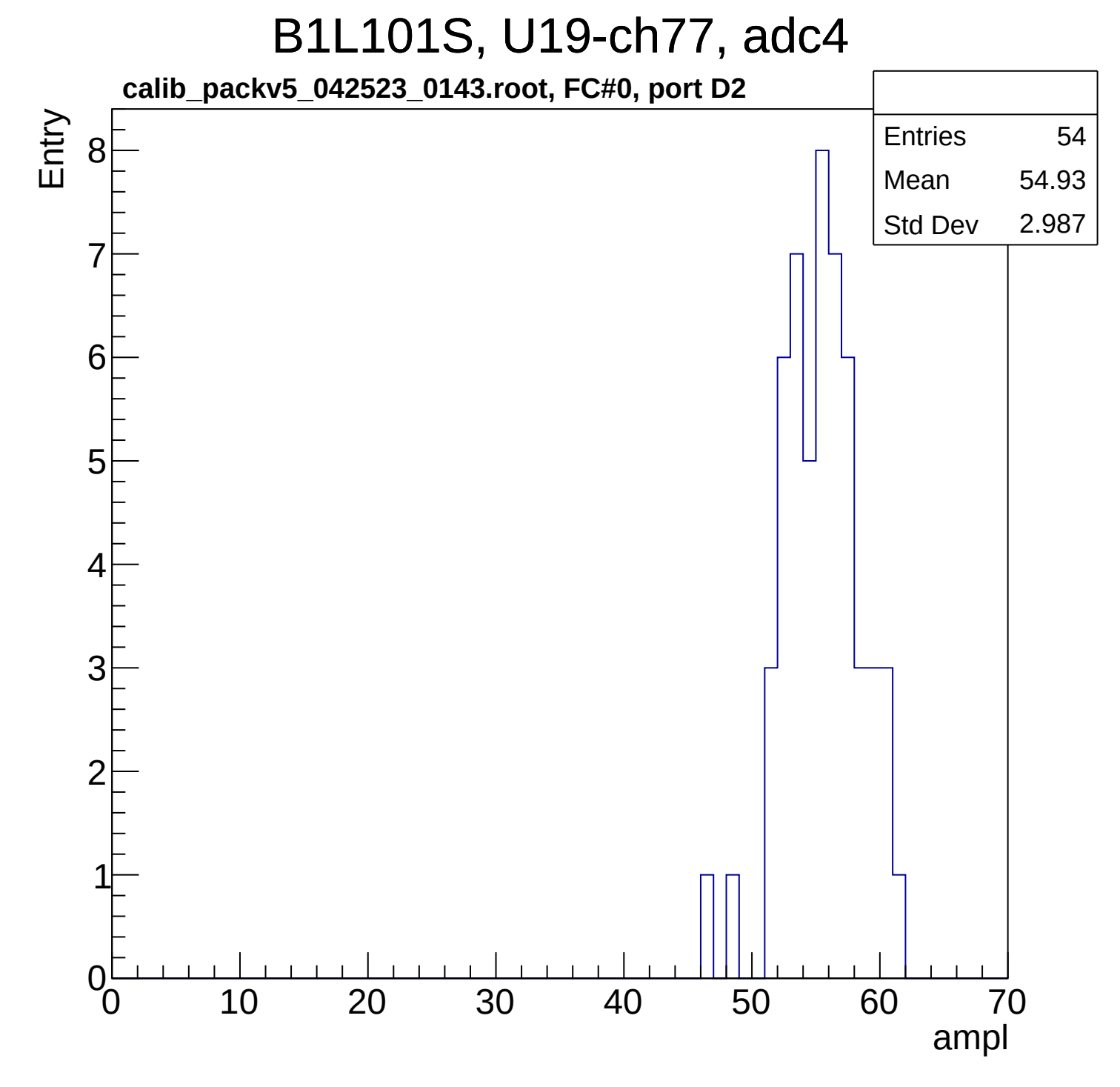
B1L101S, U19-ch77, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 54.93
Std Dev 2.987
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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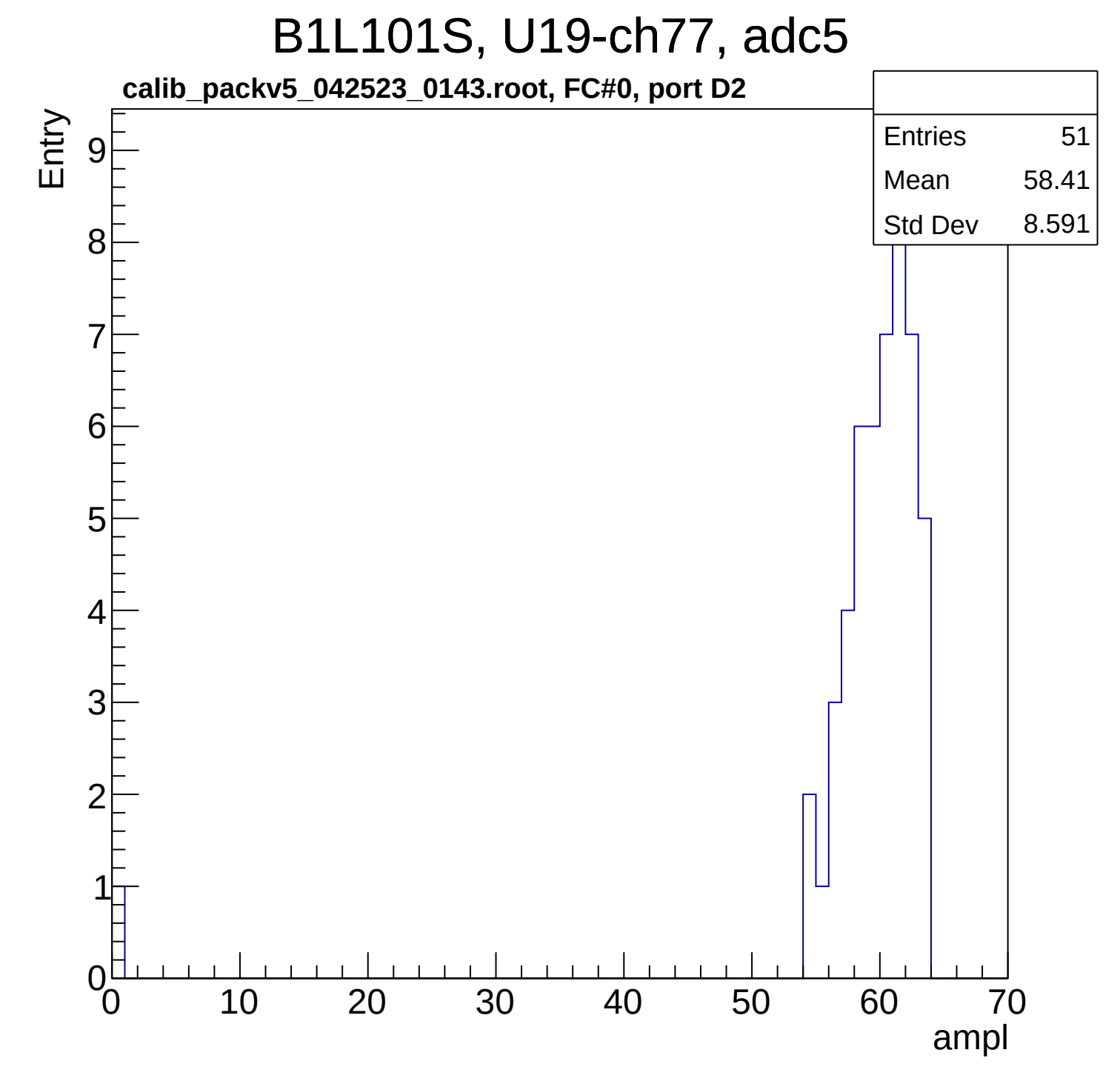
B1L101S, U19-ch77, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 58.41
Std Dev 8.591
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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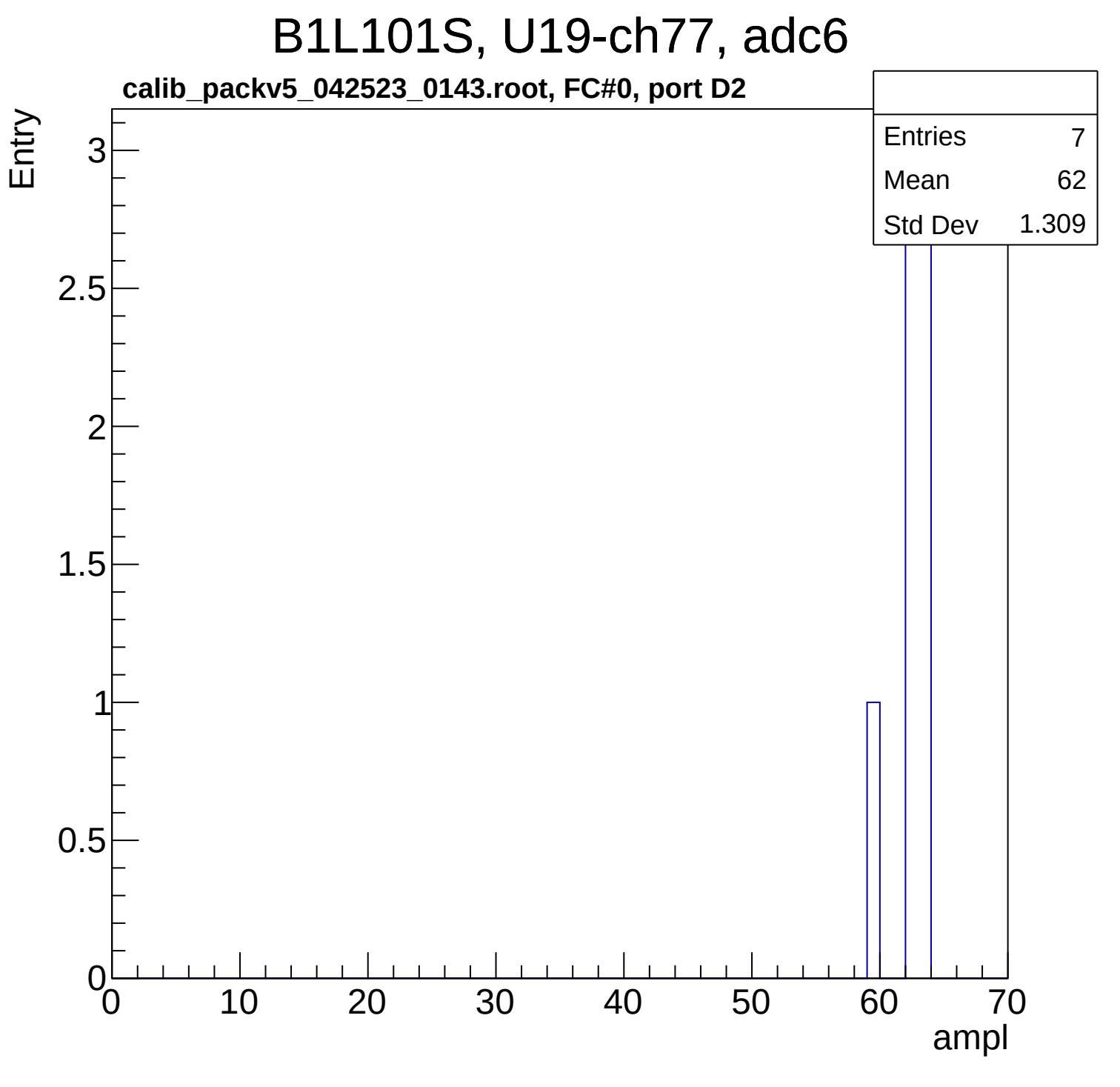
B1L101S, U19-ch77, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 62
Std Dev 1.309
Entry
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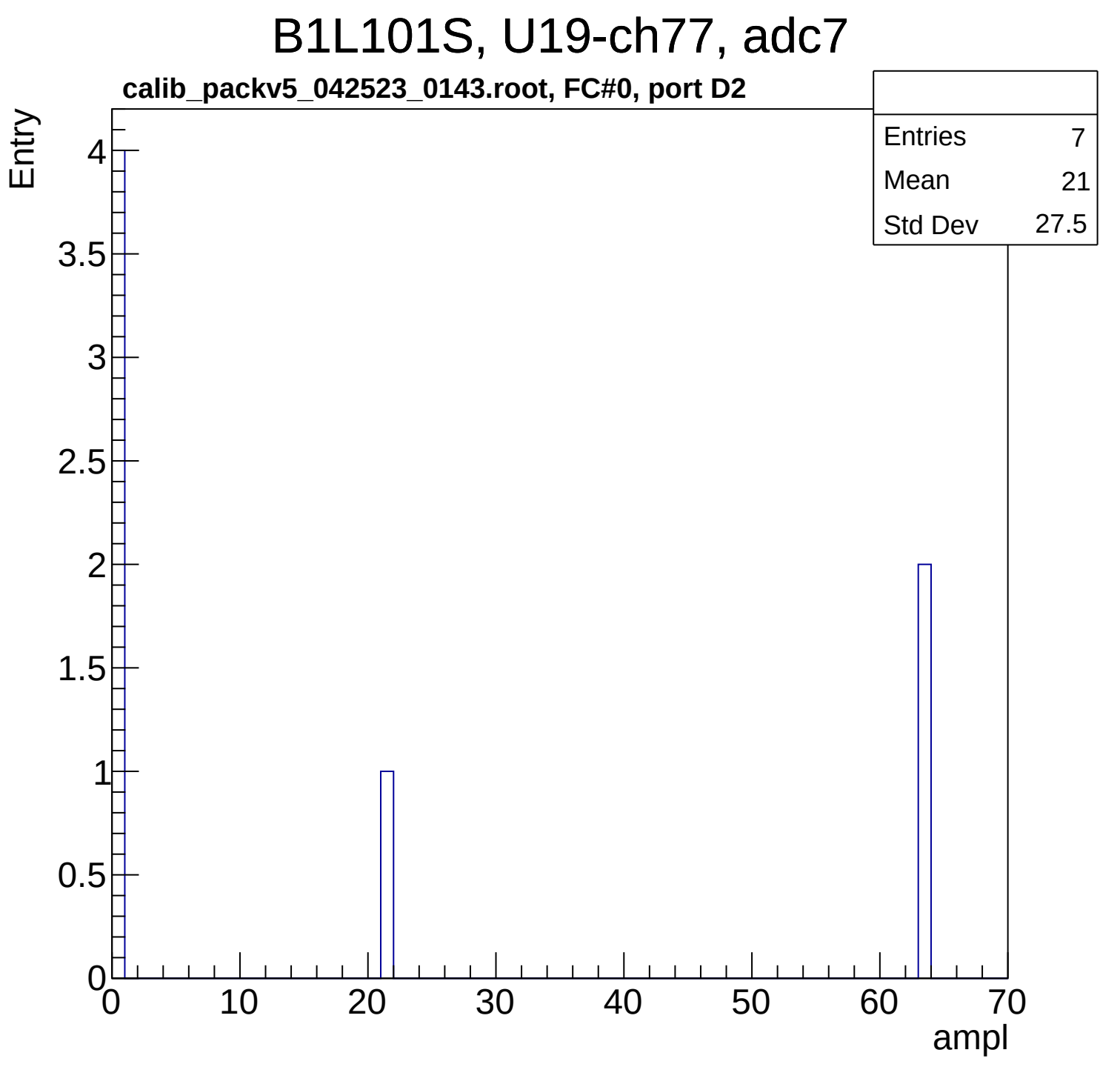
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch77, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 21
Std Dev 27.5
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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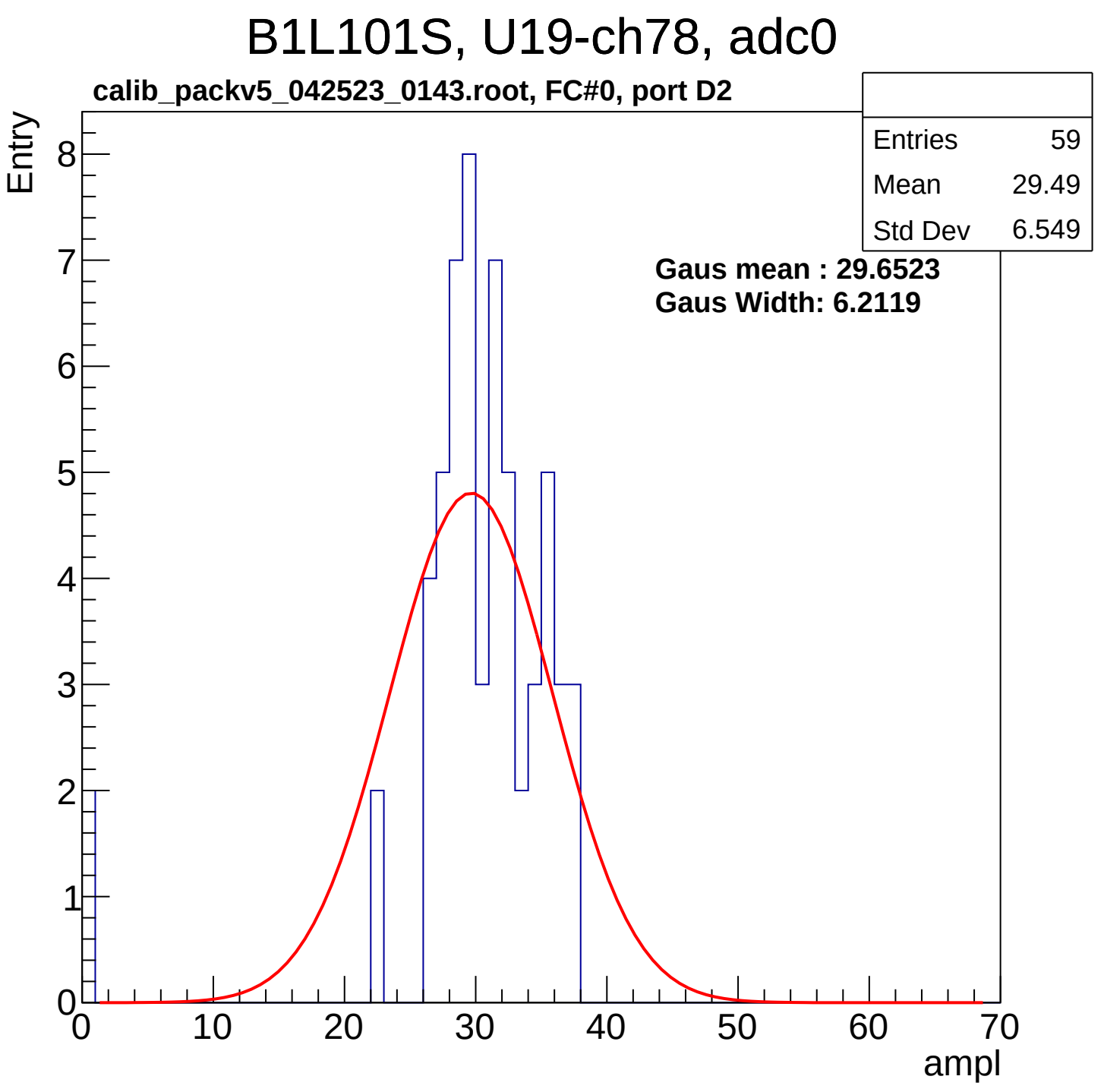
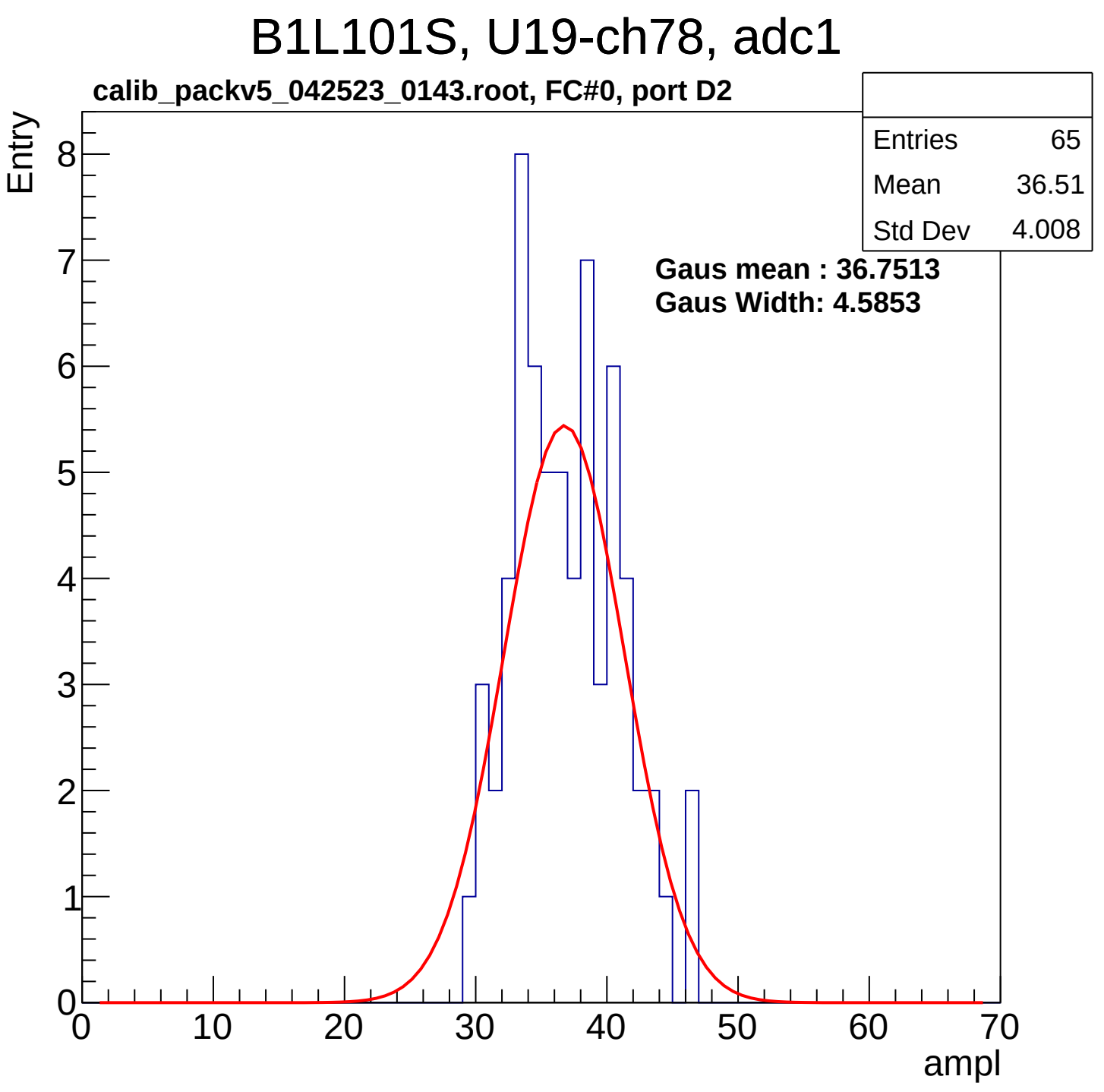

B1L101S, U19-ch78, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 29.49
Std Dev 6.549
Gaus mean : 29.6523
Gaus Width: 6.2119
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch78, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 36.51
Std Dev 4.008
Gaus mean : 36.7513
Gaus Width: 4.5853
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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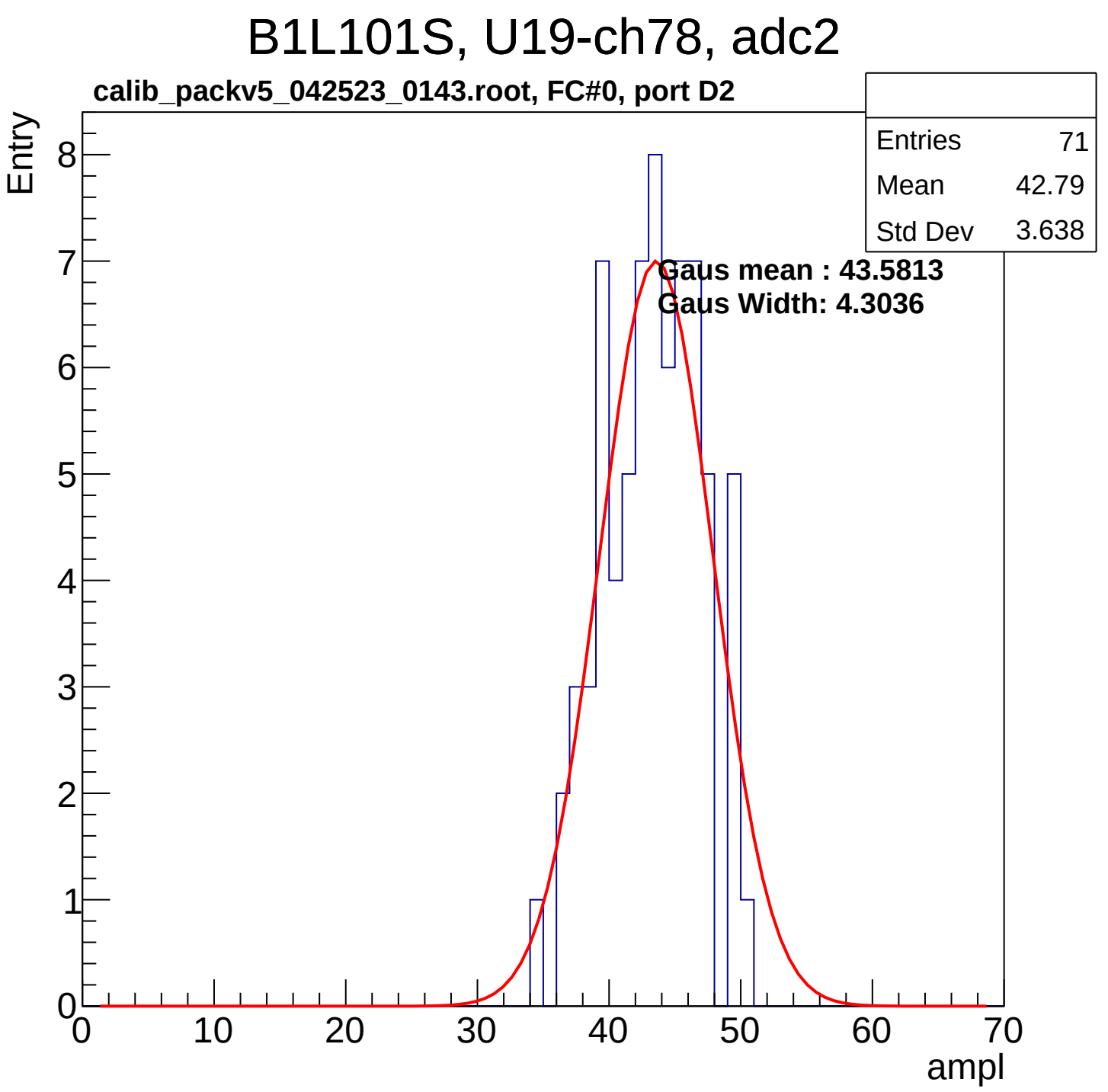
B1L101S, U19-ch78, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 42.79
Std Dev 3.638
Gaus mean : 43.5813
Gaus Width: 4.3036
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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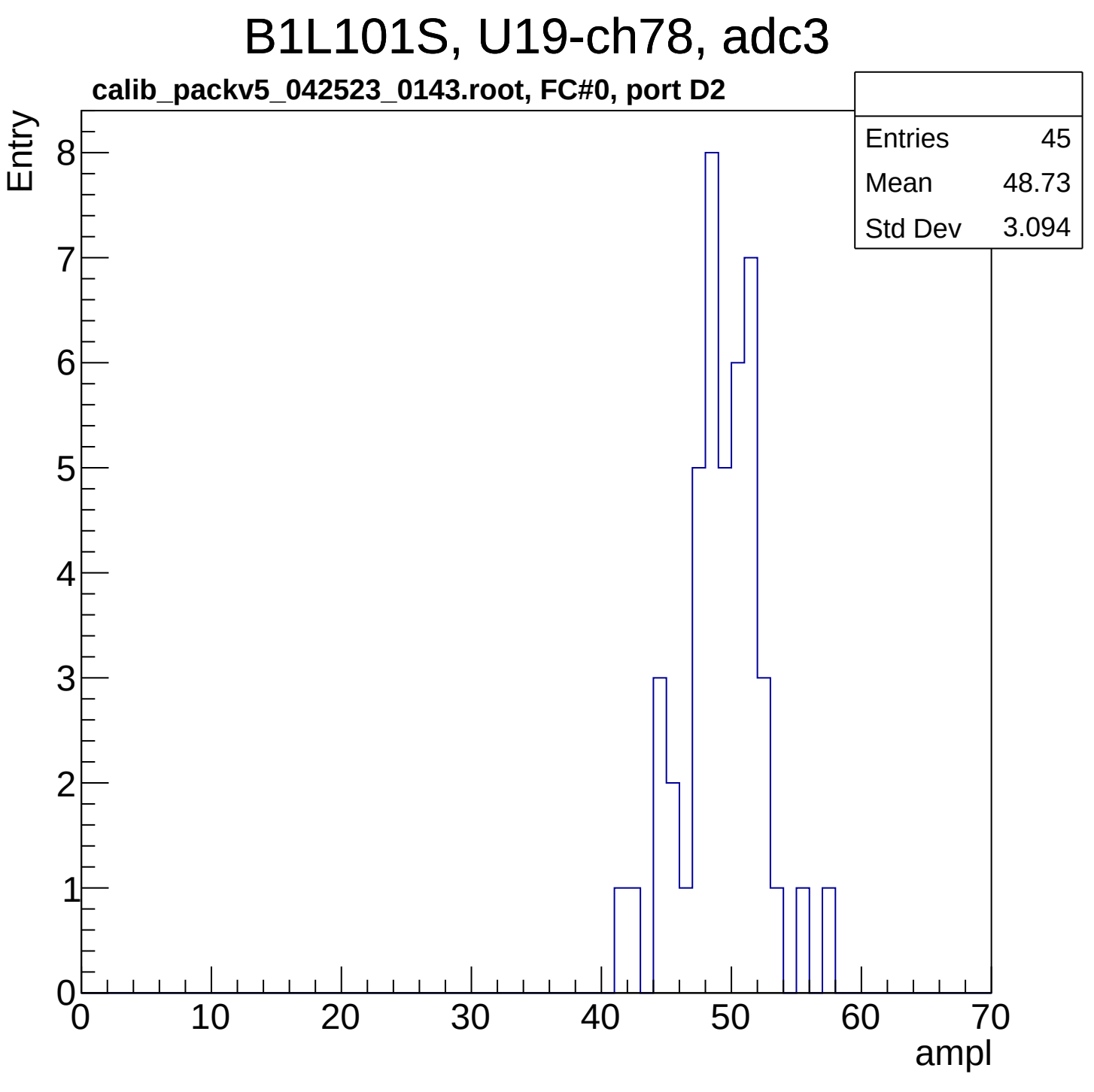
B1L101S, U19-ch78, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 48.73
Std Dev 3.094
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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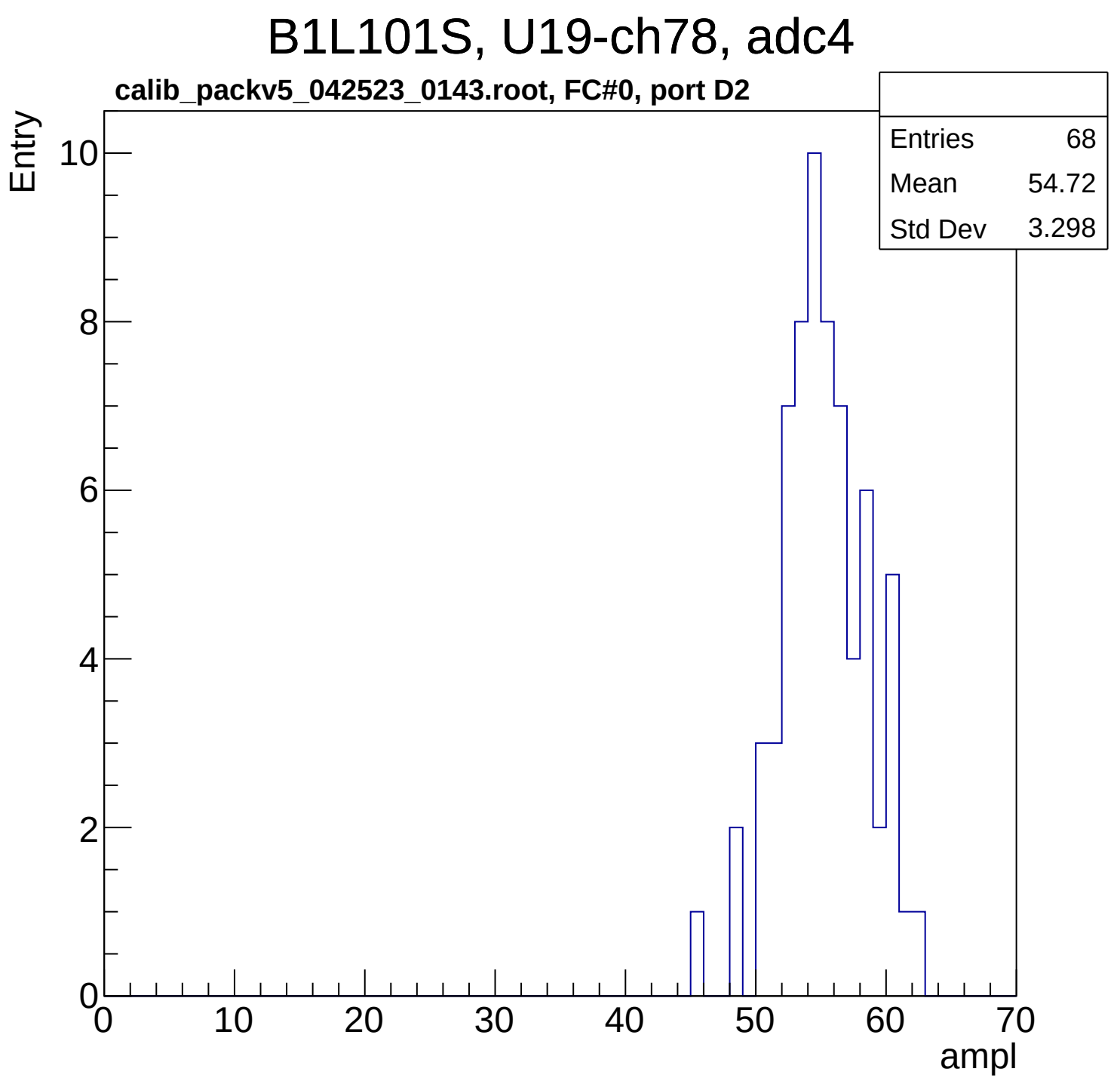
B1L101S, U19-ch78, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 54.72
Std Dev 3.298
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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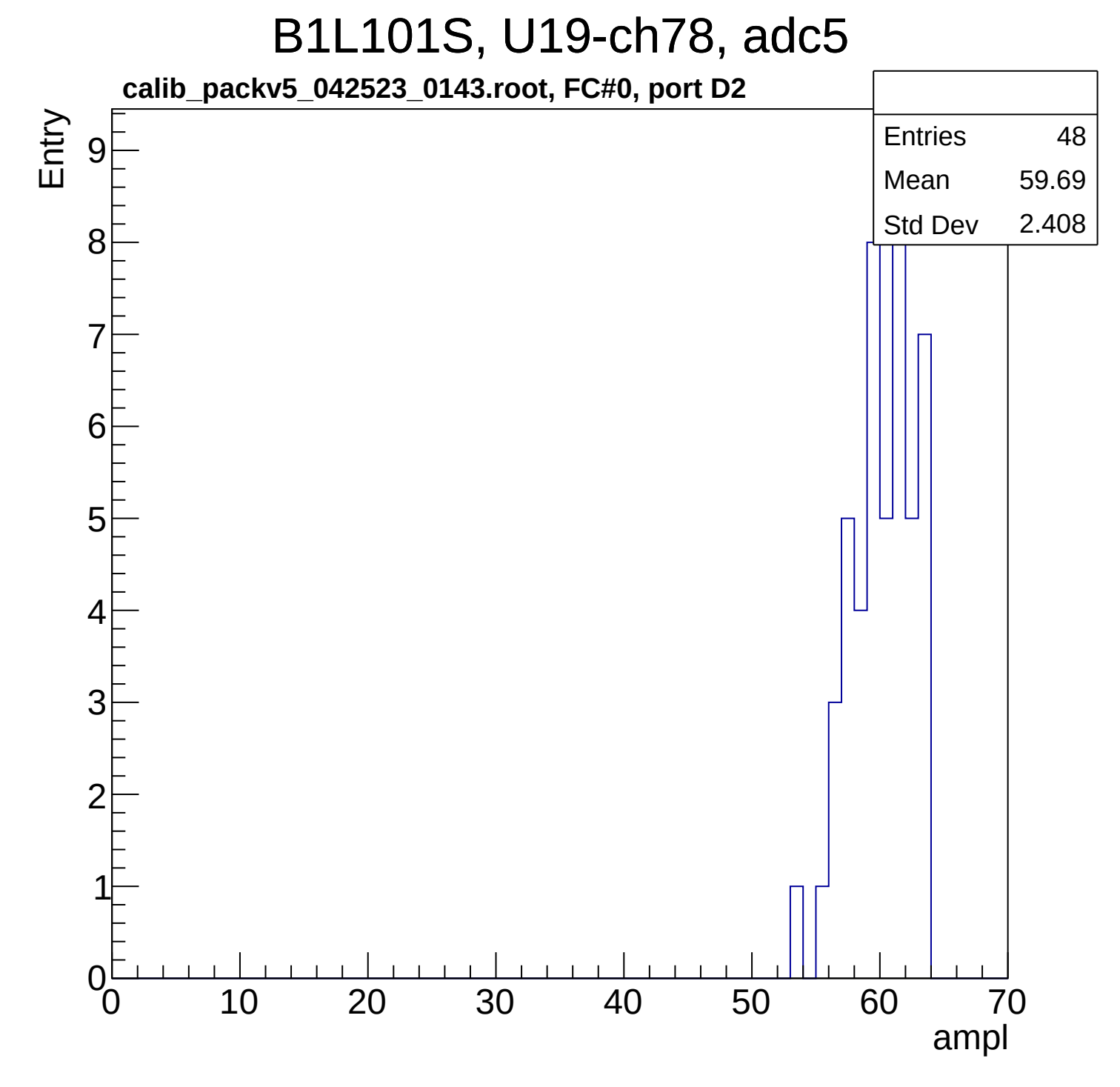
B1L101S, U19-ch78, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 59.69
Std Dev 2.408
Entry
ampl
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2
3
4
5
6
7
8
9
0
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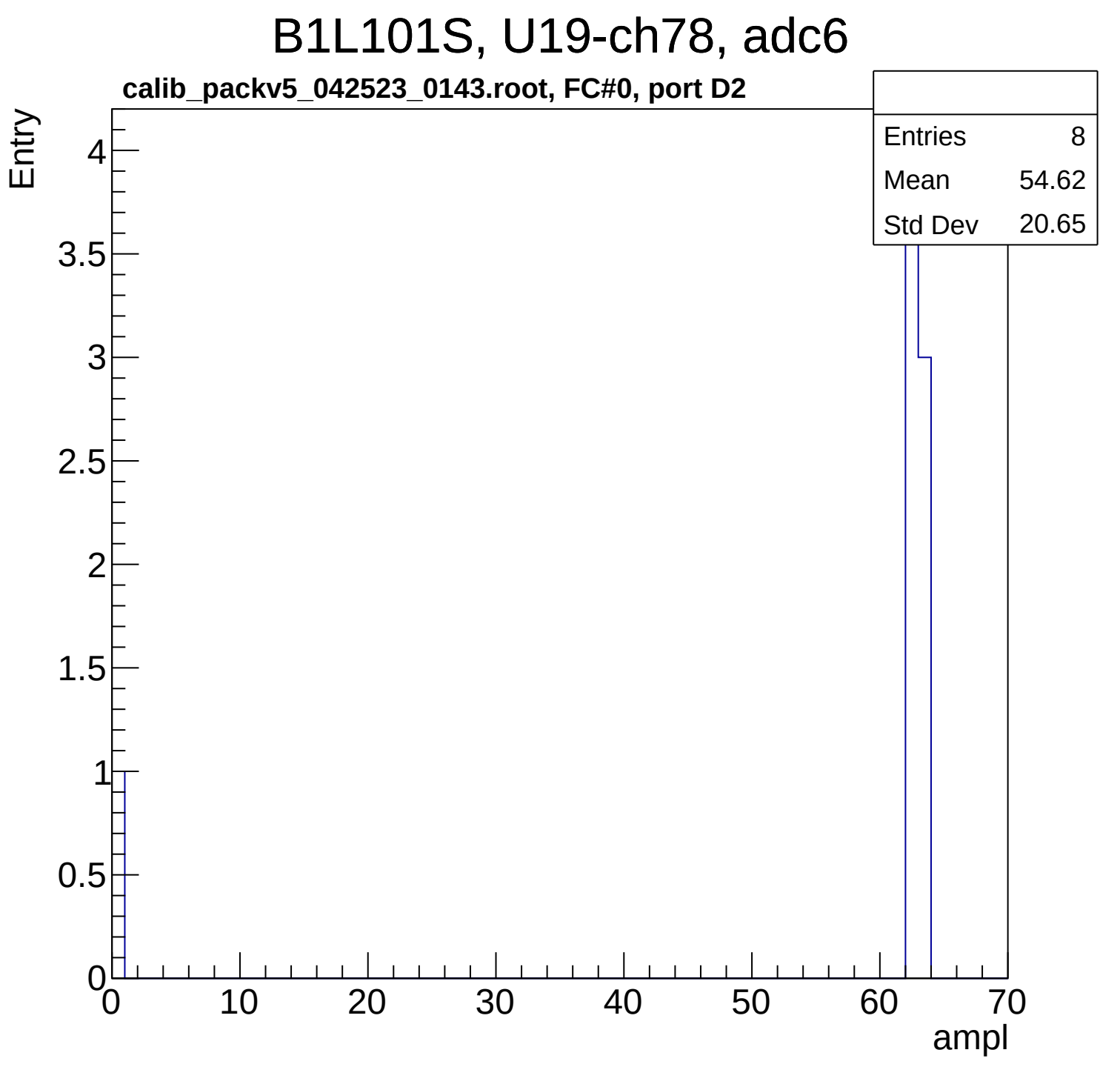
B1L101S, U19-ch78, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 54.62
Std Dev 20.65
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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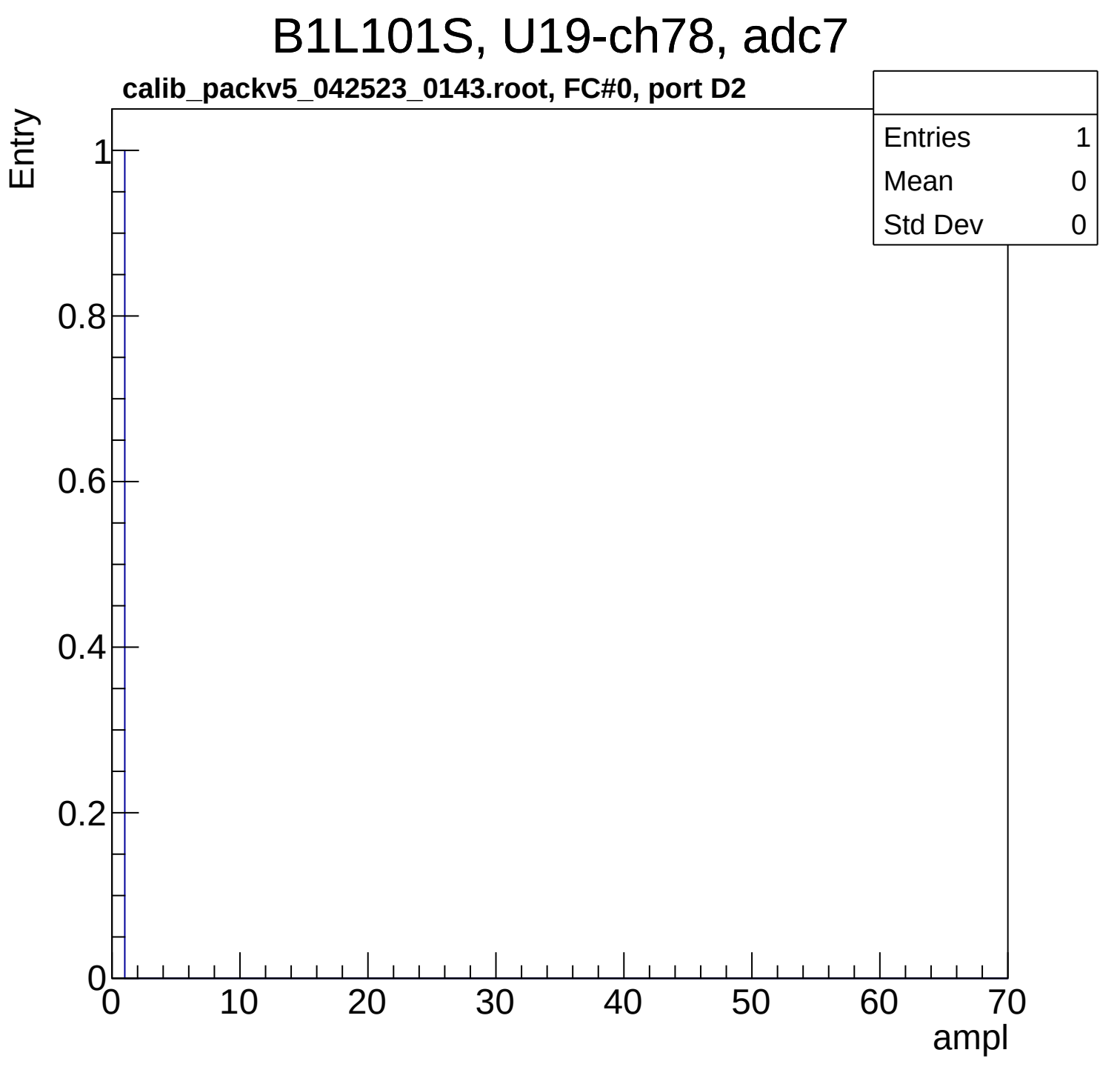
B1L101S, U19-ch78, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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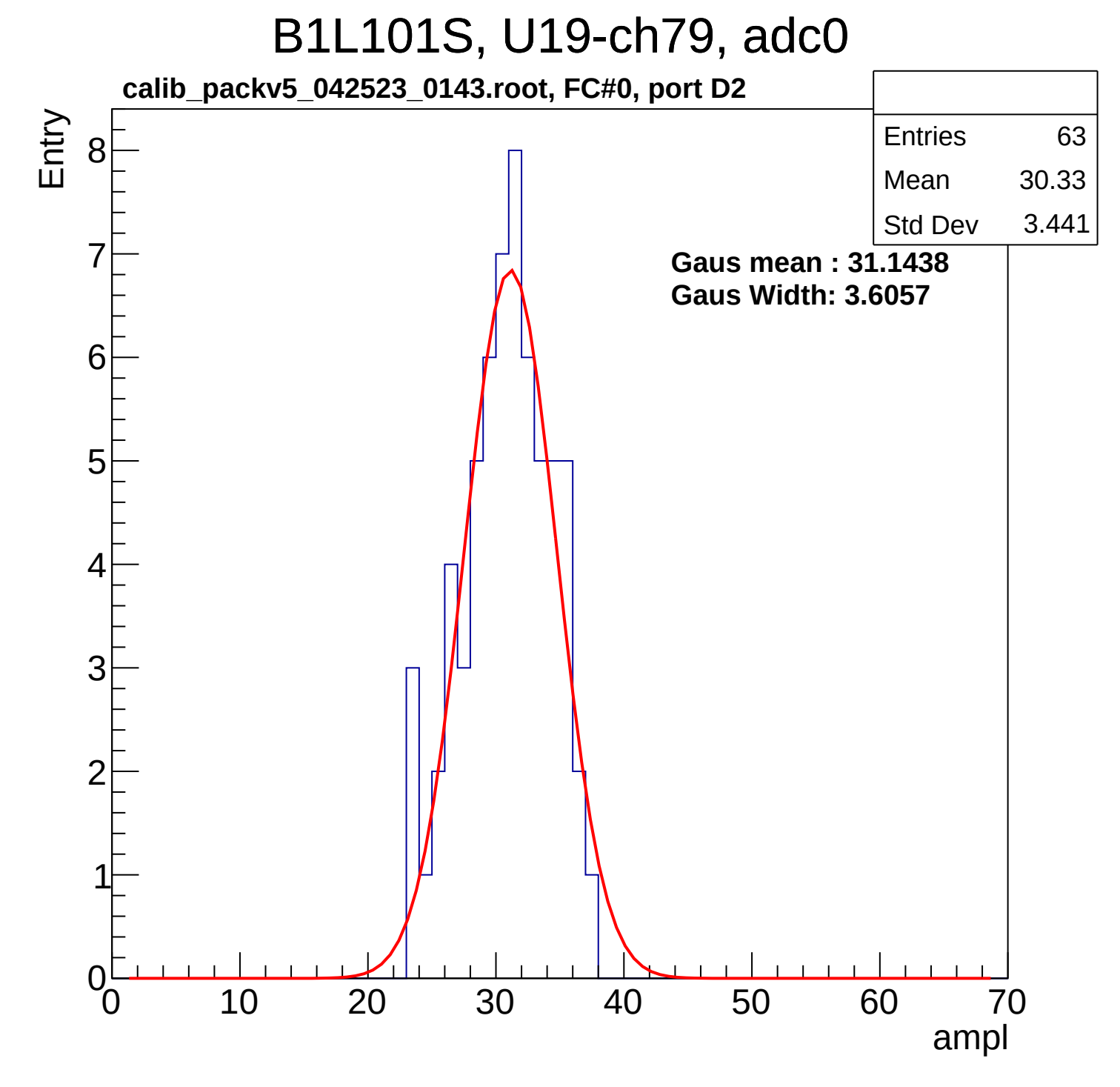
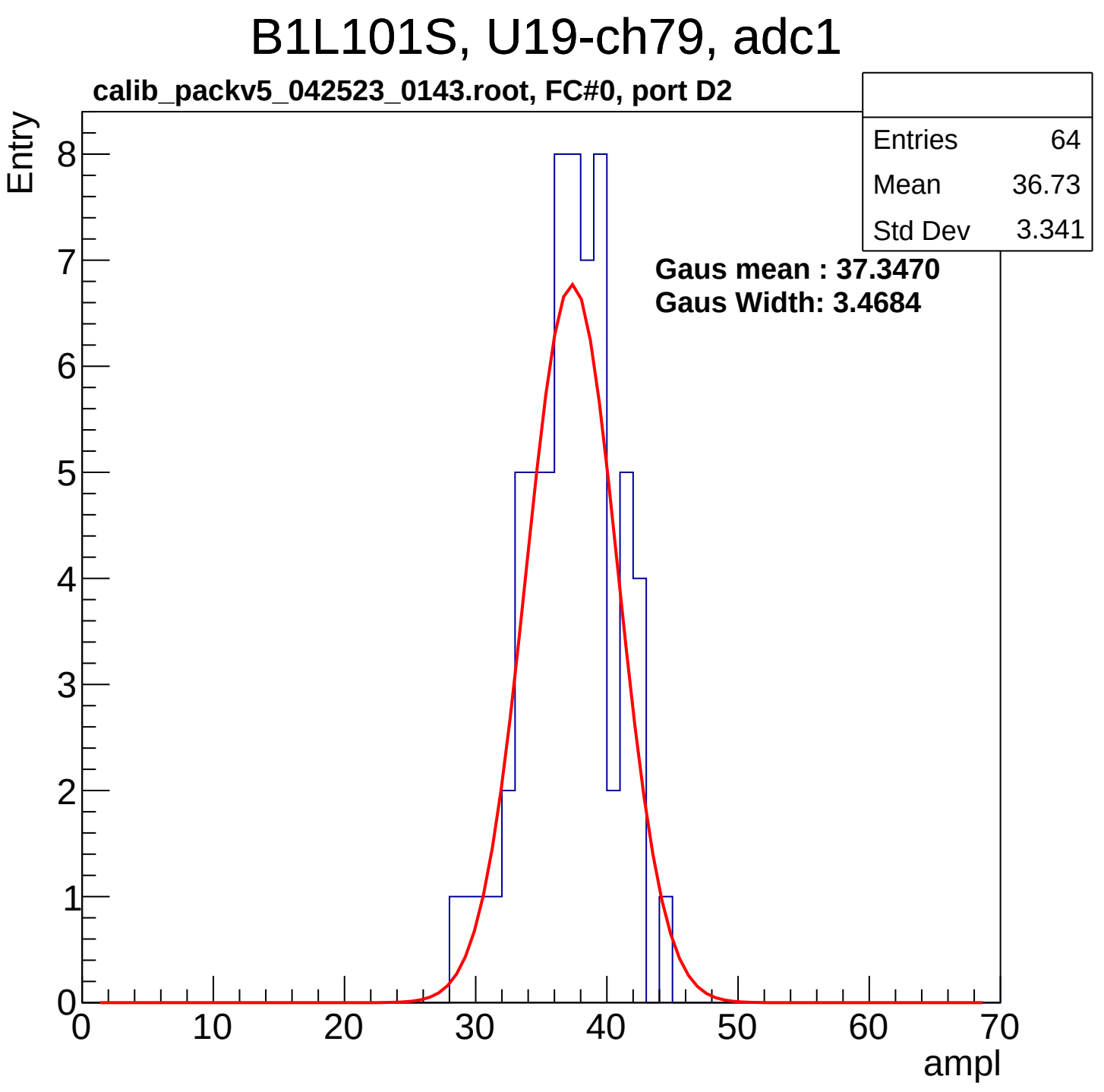
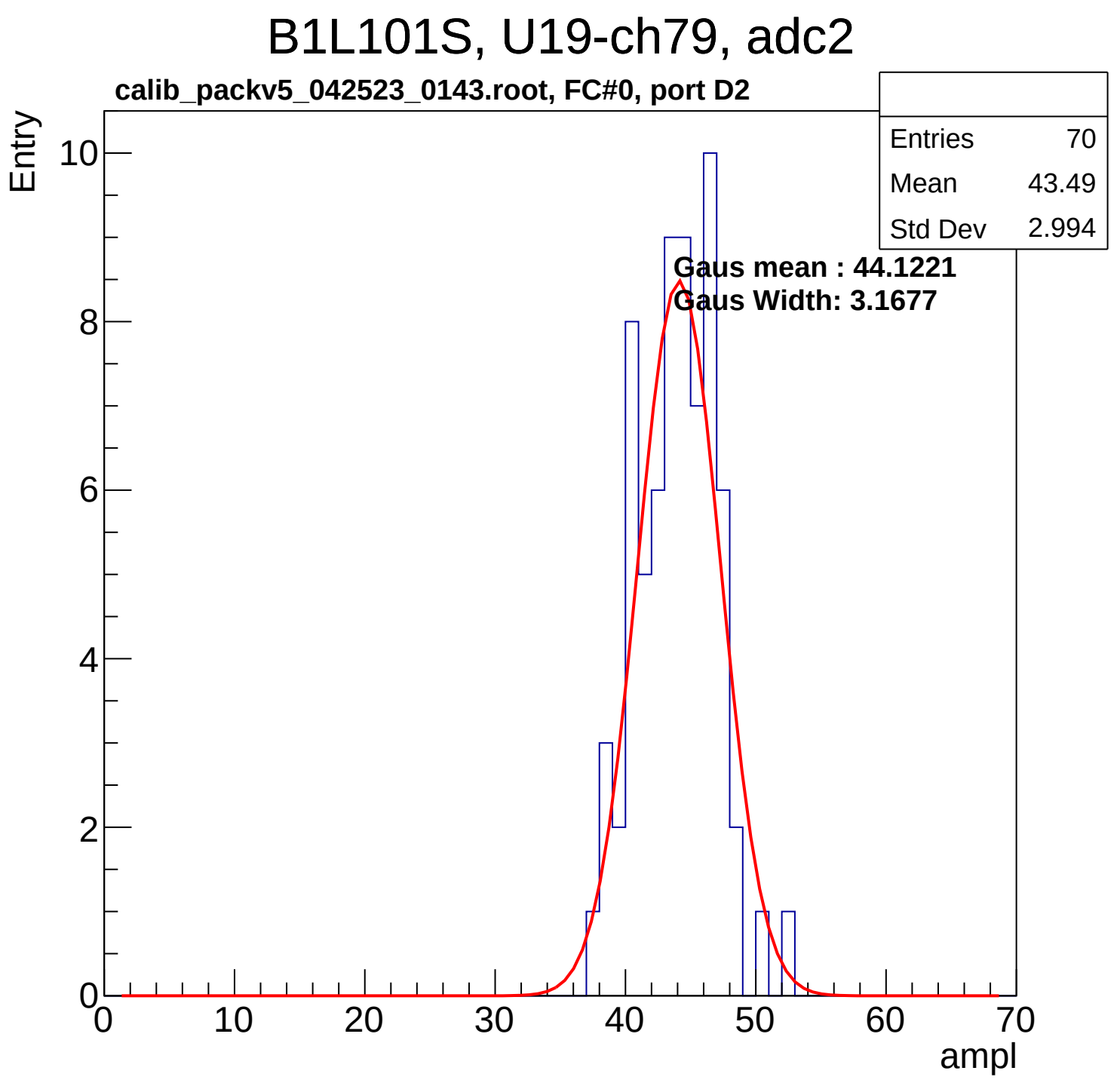
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch79, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 30.33
Std Dev 3.441
Gaus mean : 31.1438
Gaus Width: 3.6057
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch79, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 36.73
Std Dev 3.341
Gaus mean : 37.3470
Gaus Width: 3.4684
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch79, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 43.49
Std Dev 2.994
Gaus mean : 44.1221
Gaus Width: 3.1677
Entry
ampl
0
2
4
6
8
10
0
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20
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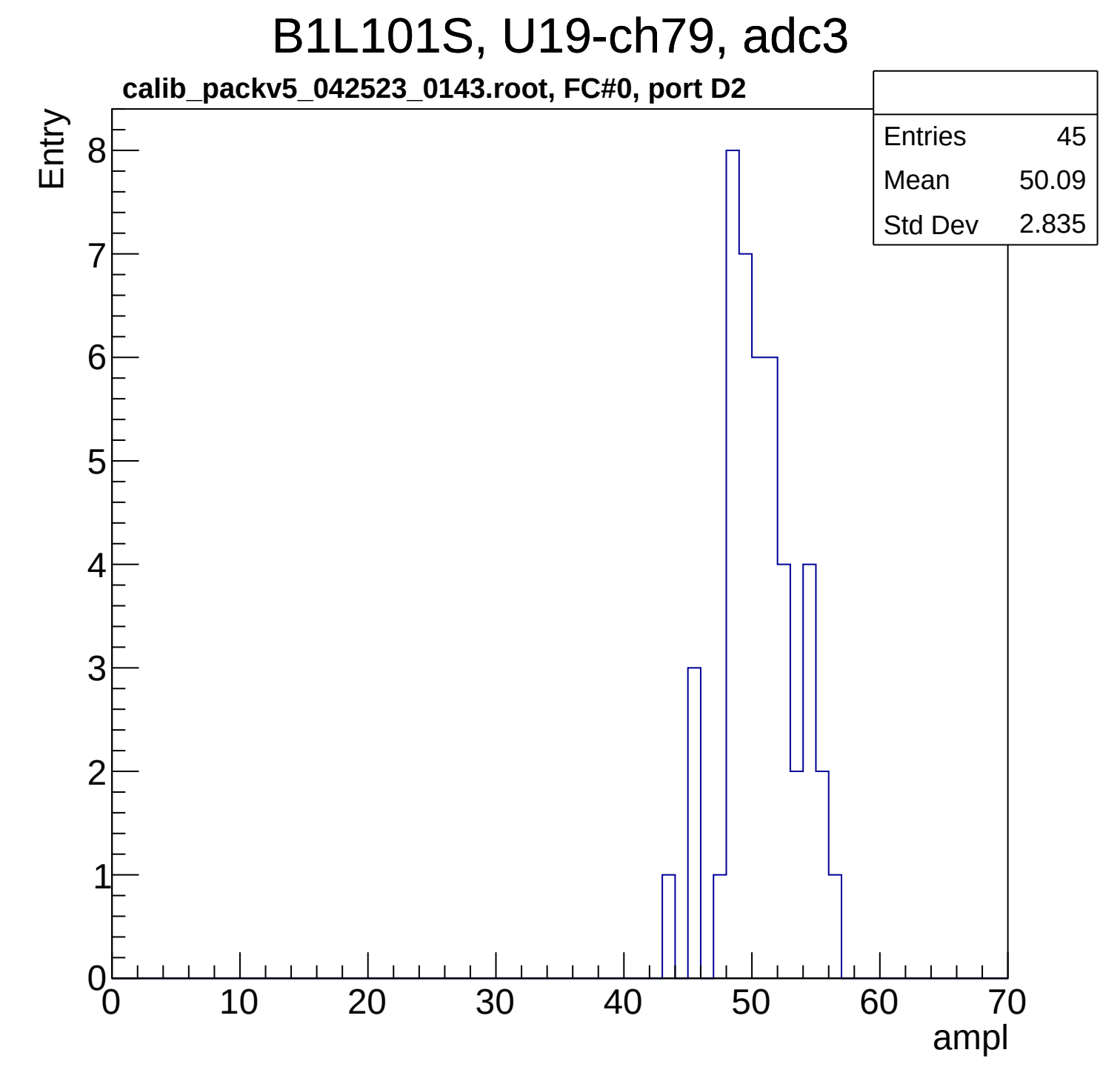
60
70


B1L101S, U19-ch79, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 50.09
Std Dev 2.835
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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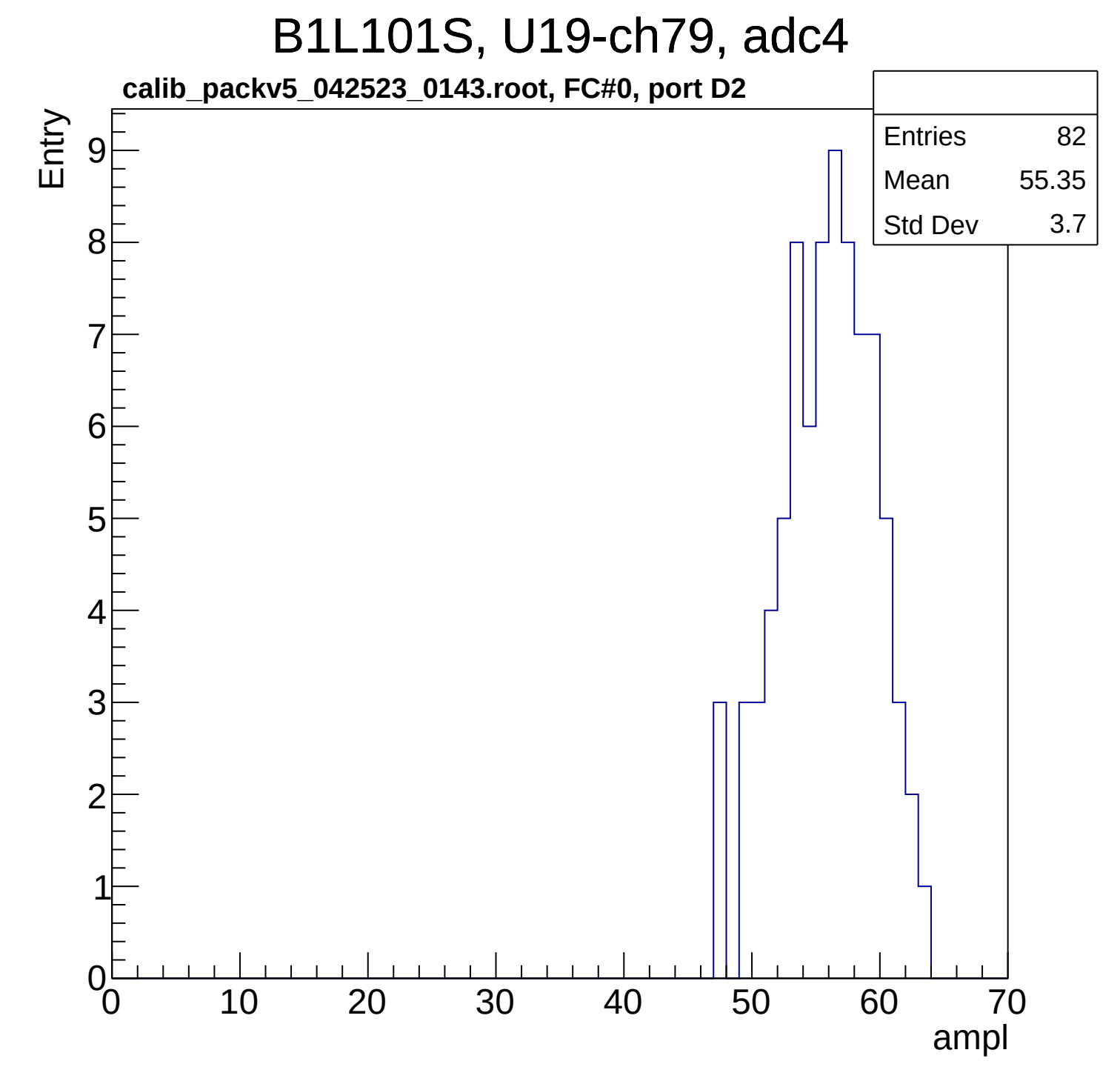
B1L101S, U19-ch79, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 55.35
Std Dev 3.7
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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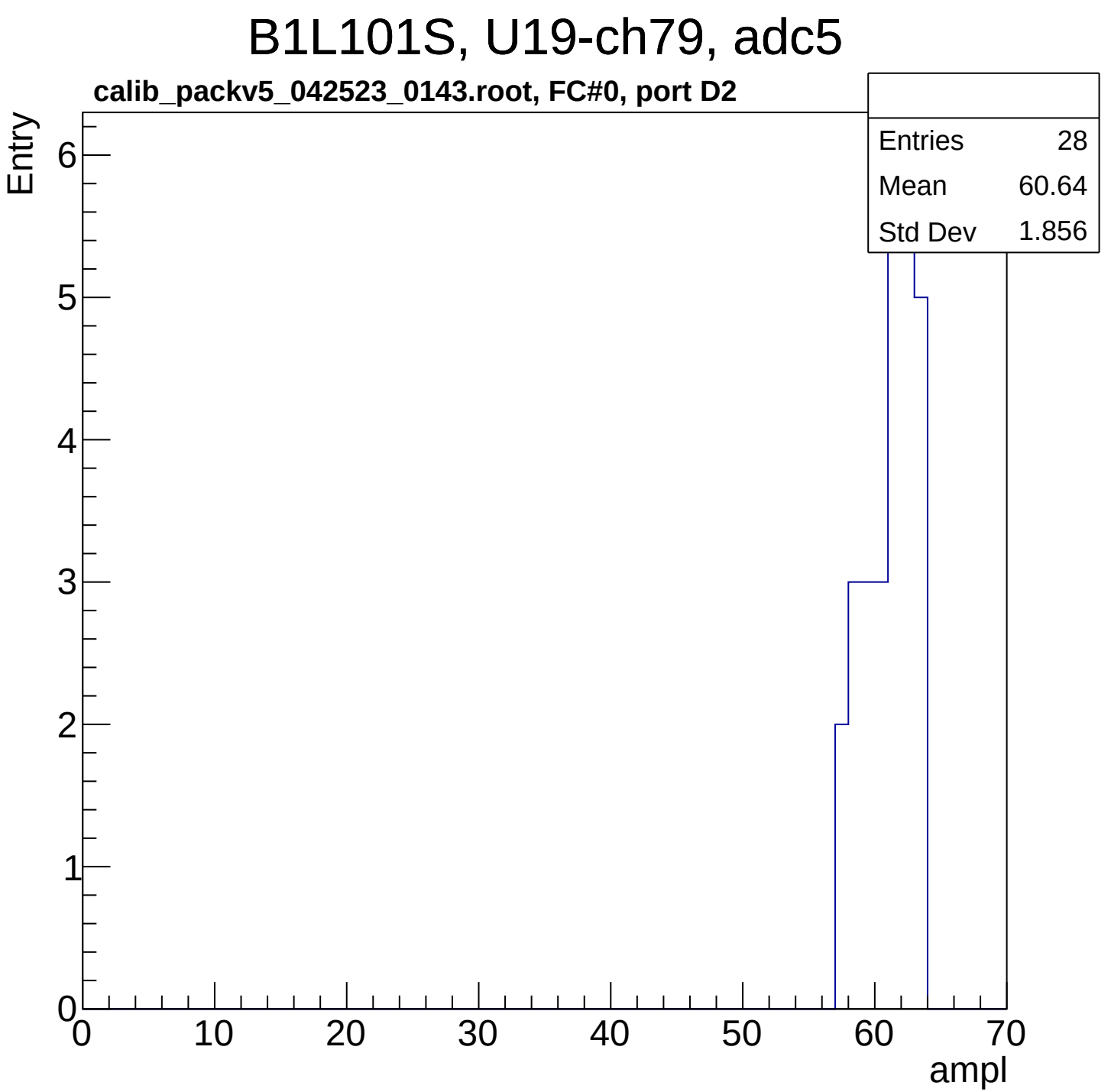
B1L101S, U19-ch79, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 28
Mean 60.64
Std Dev 1.856
Entry
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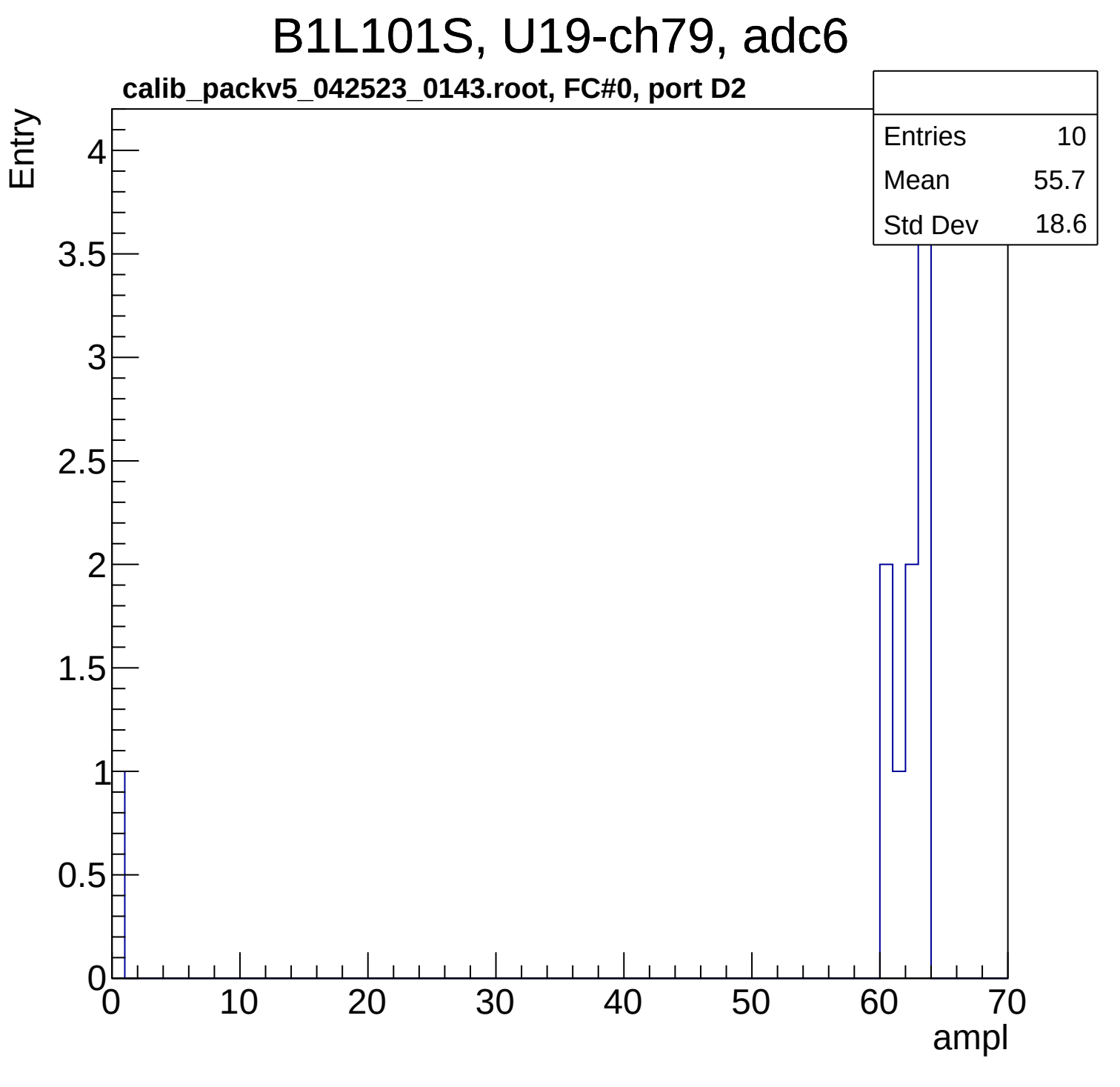
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch79, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 55.7
Std Dev 18.6
Entry
ampl
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1
1.5
2
2.5
3
3.5
4
0
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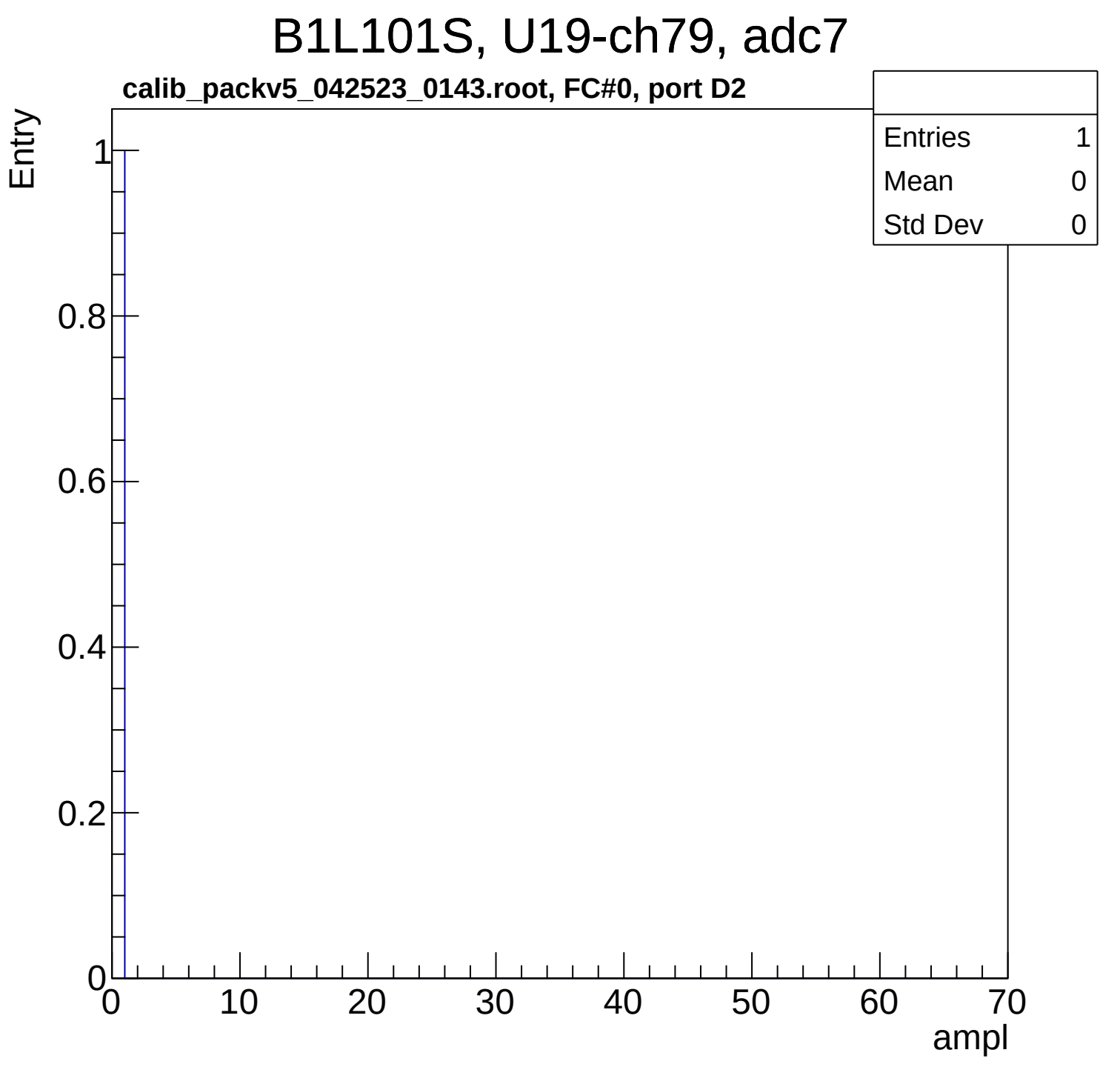
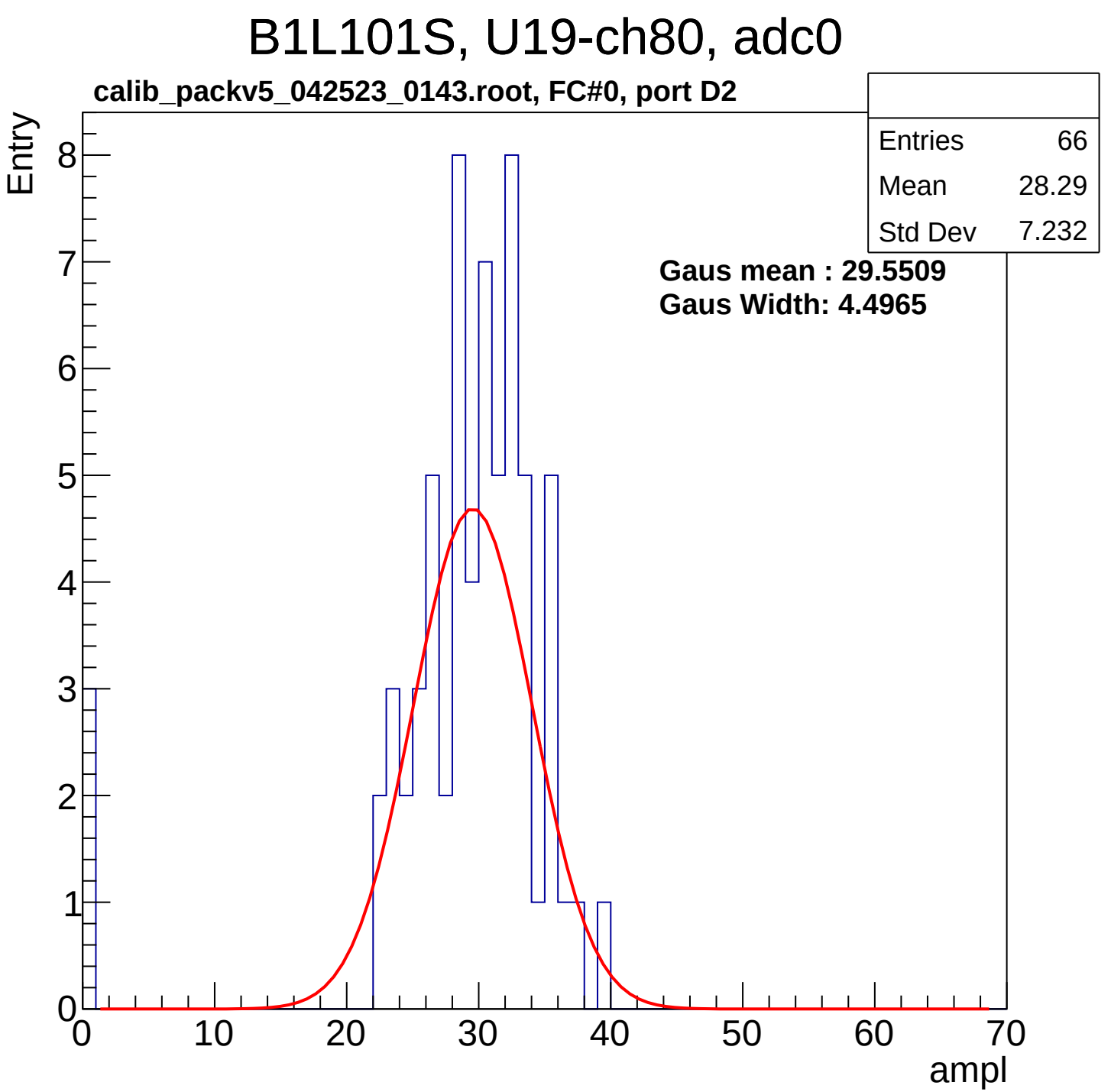
20
30
40
50
60
70


B1L101S, U19-ch79, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch80, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 28.29
Std Dev 7.232
Gaus mean : 29.5509
Gaus Width: 4.4965
Entry
ampl
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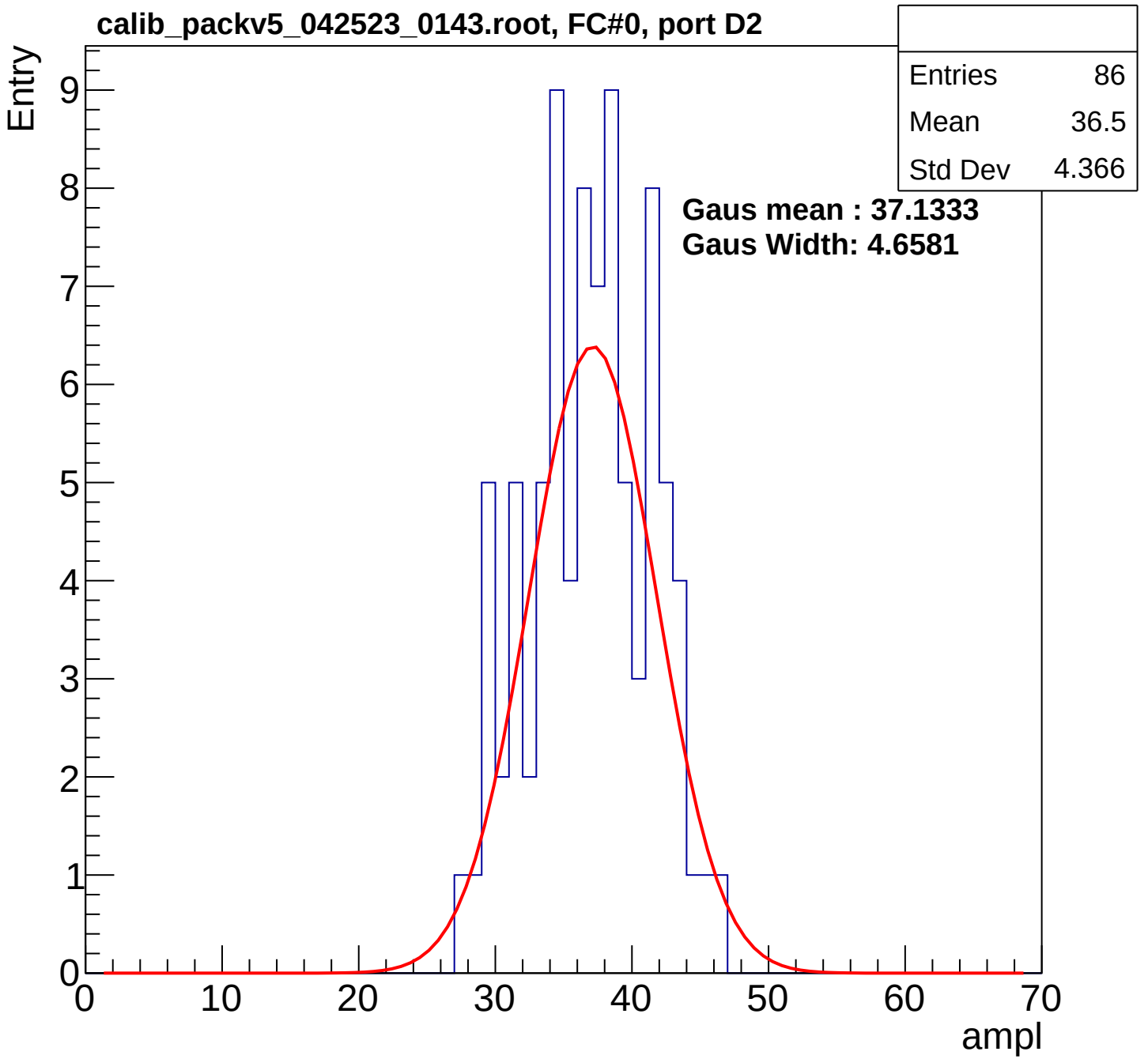
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch80, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 86
Mean 36.5
Std Dev 4.366
Gaus mean : 37.1333
Gaus Width: 4.6581
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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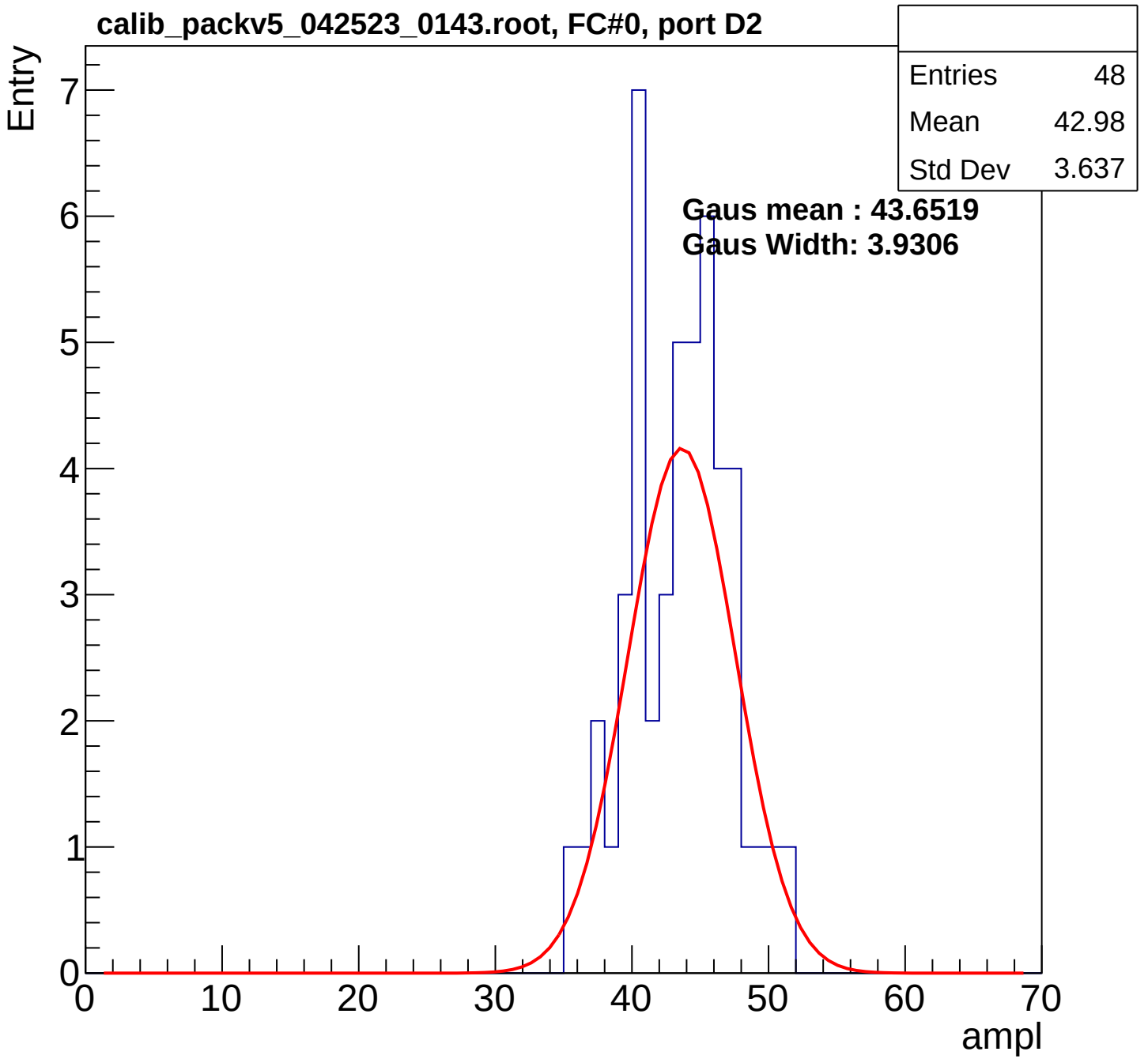
B1L101S, U19-ch80, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 42.98
Std Dev 3.637
Gaus mean : 43.6519
Gaus Width: 3.9306
Entry
ampl
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1
2
3
4
5
6
7
0
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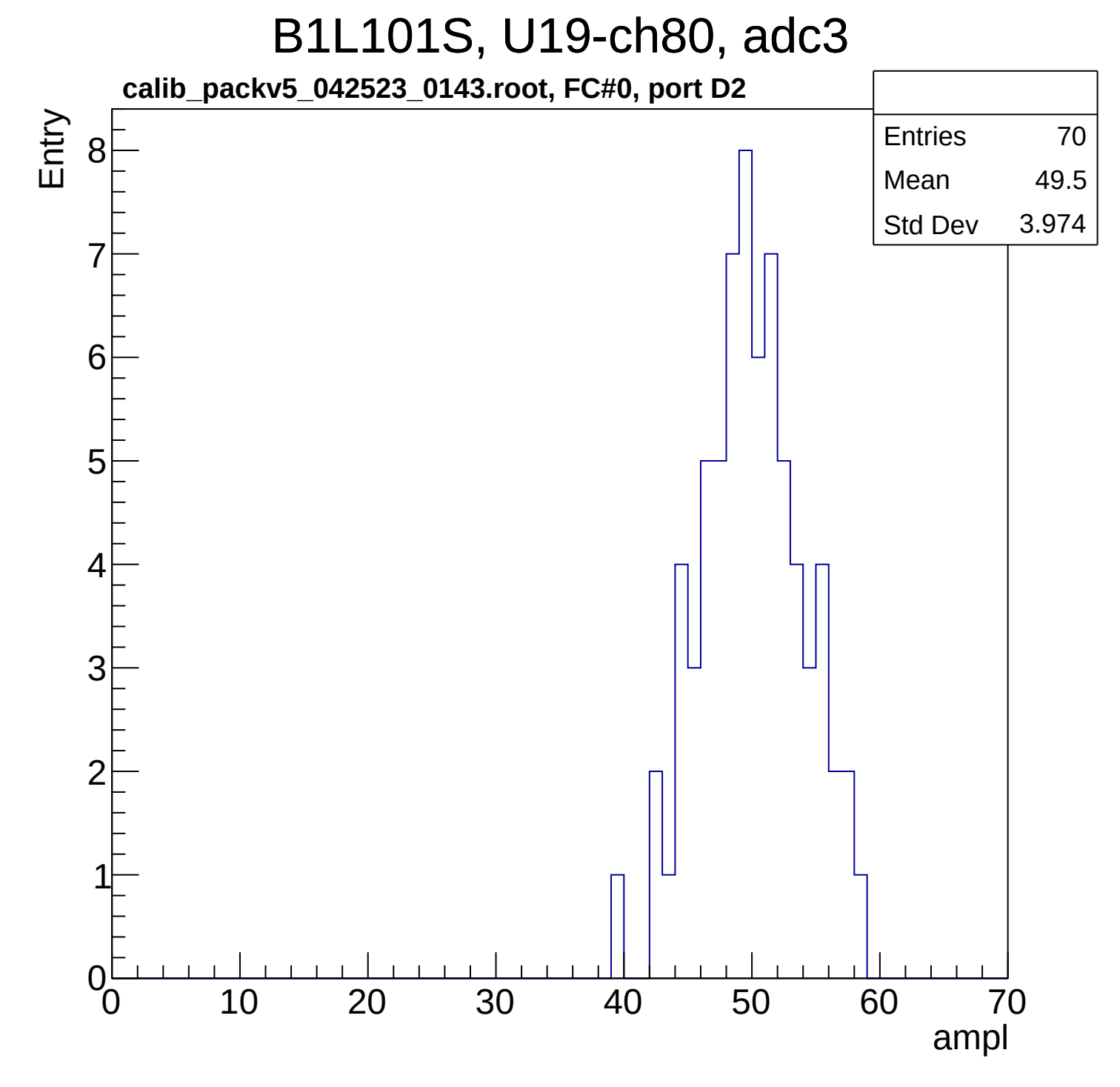
B1L101S, U19-ch80, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 49.5
Std Dev 3.974
Entry
ampl
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4
5
6
7
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50
60
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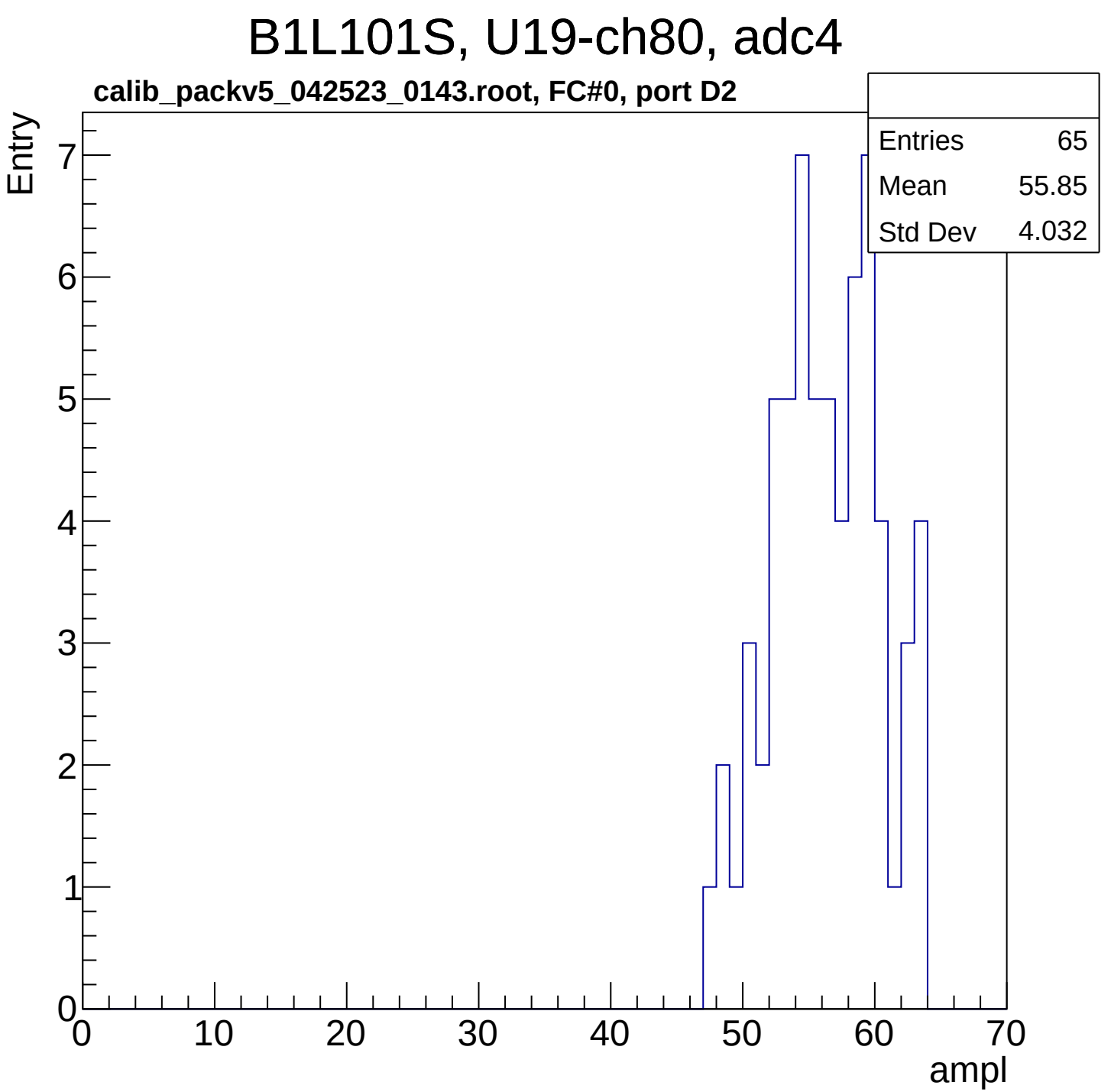
B1L101S, U19-ch80, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 55.85
Std Dev 4.032
Entry
ampl
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1
2
3
4
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0
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20
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40
50
60
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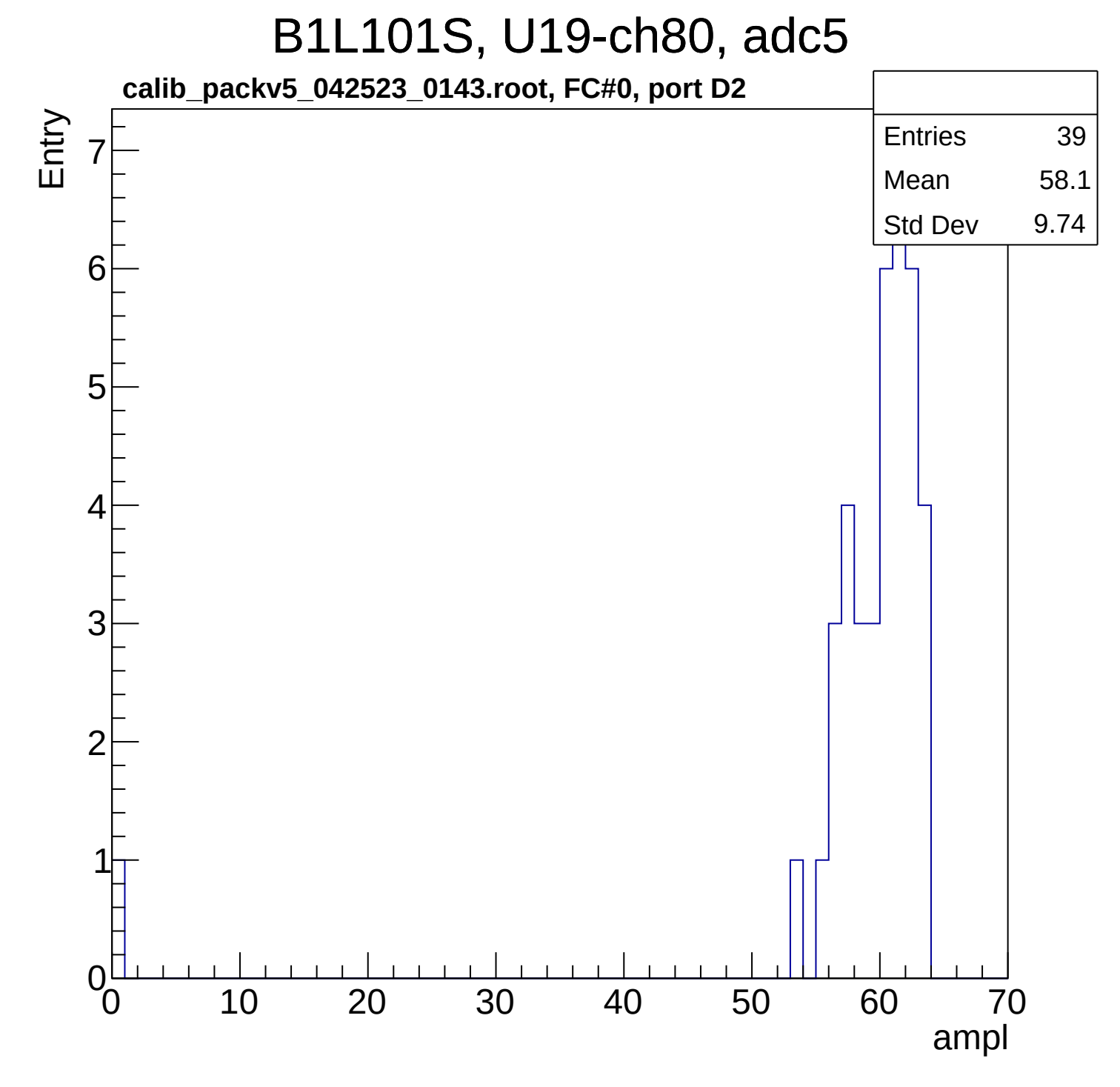
B1L101S, U19-ch80, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 58.1
Std Dev 9.74
Entry
ampl
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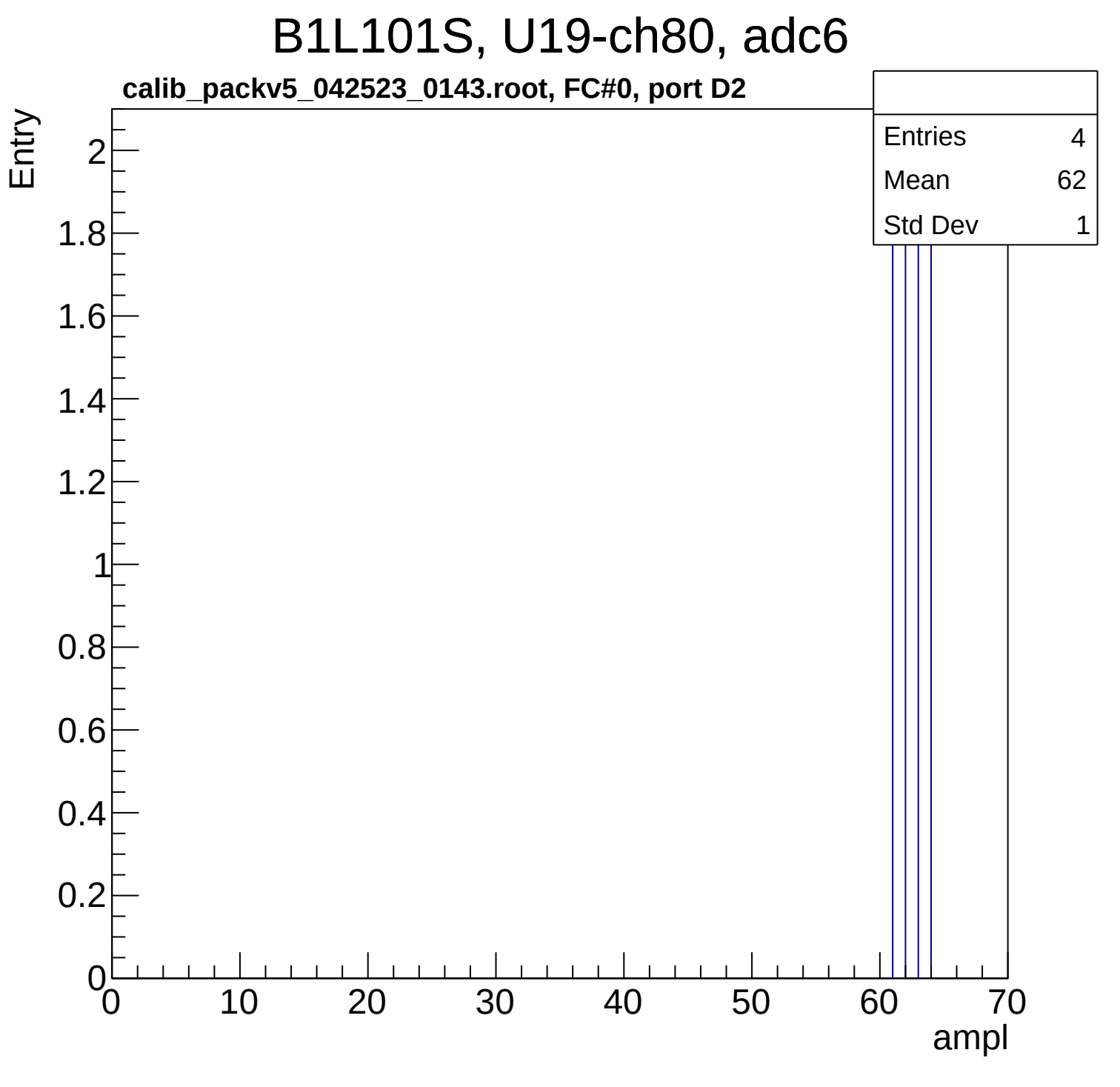
B1L101S, U19-ch80, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62
Std Dev 1
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
10
20
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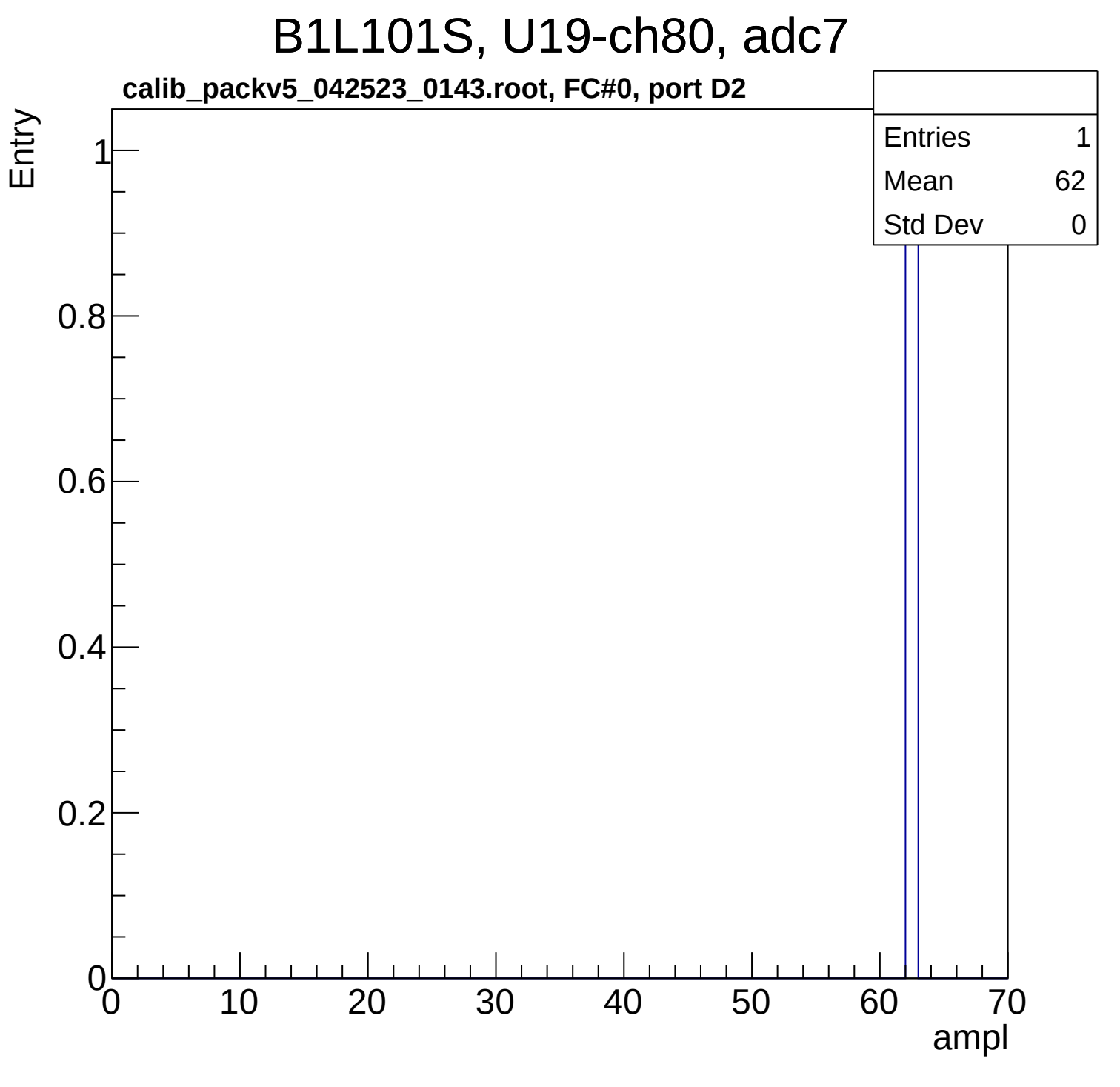
40
50
60
70


B1L101S, U19-ch80, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
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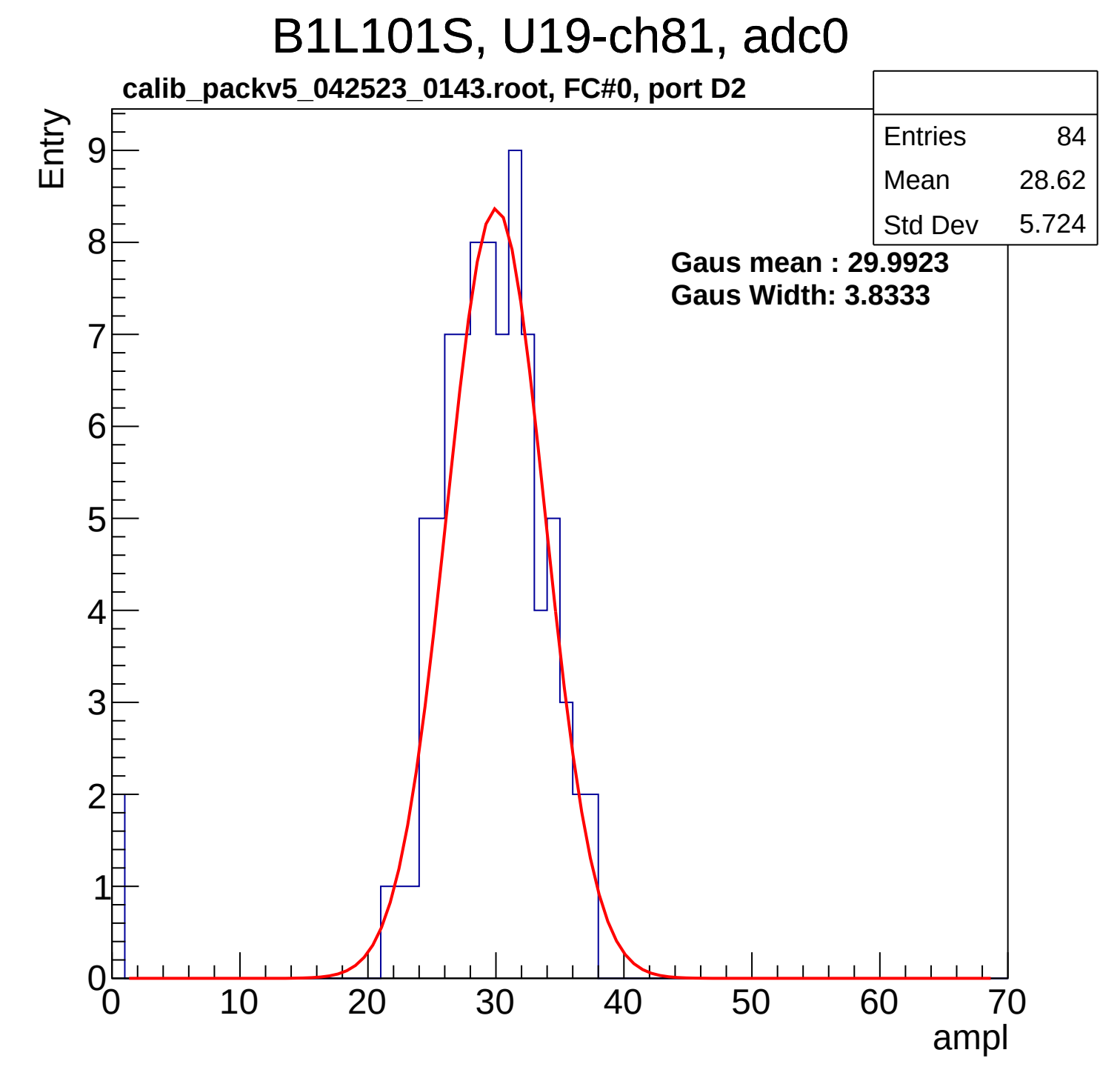
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch81, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 28.62
Std Dev 5.724
Gaus mean : 29.9923
Gaus Width: 3.8333
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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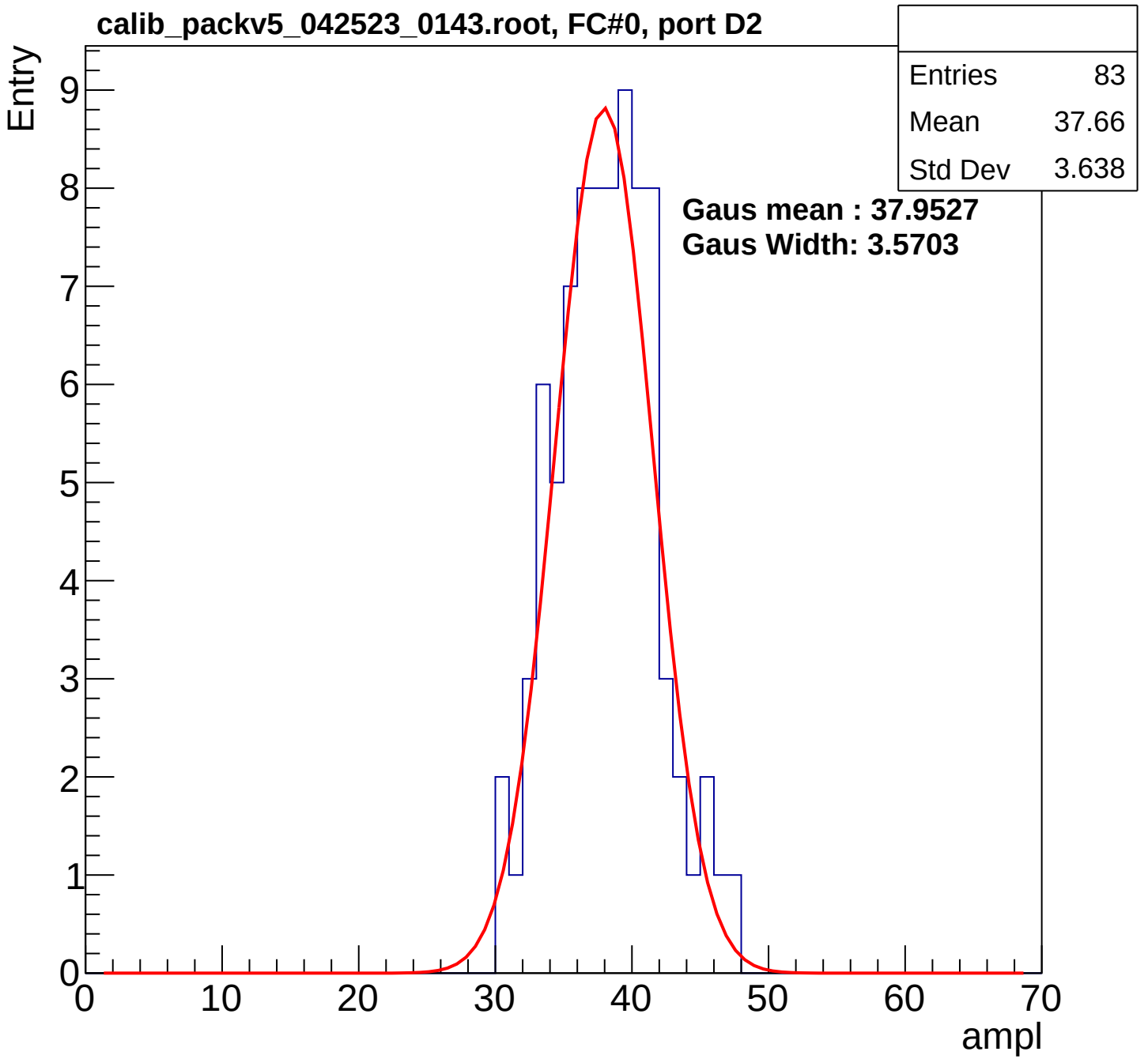
B1L101S, U19-ch81, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 37.66
Std Dev 3.638
Gaus mean : 37.9527
Gaus Width: 3.5703
Entry
ampl
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10
20
30
40
50
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1
2
3
4
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6
7
8
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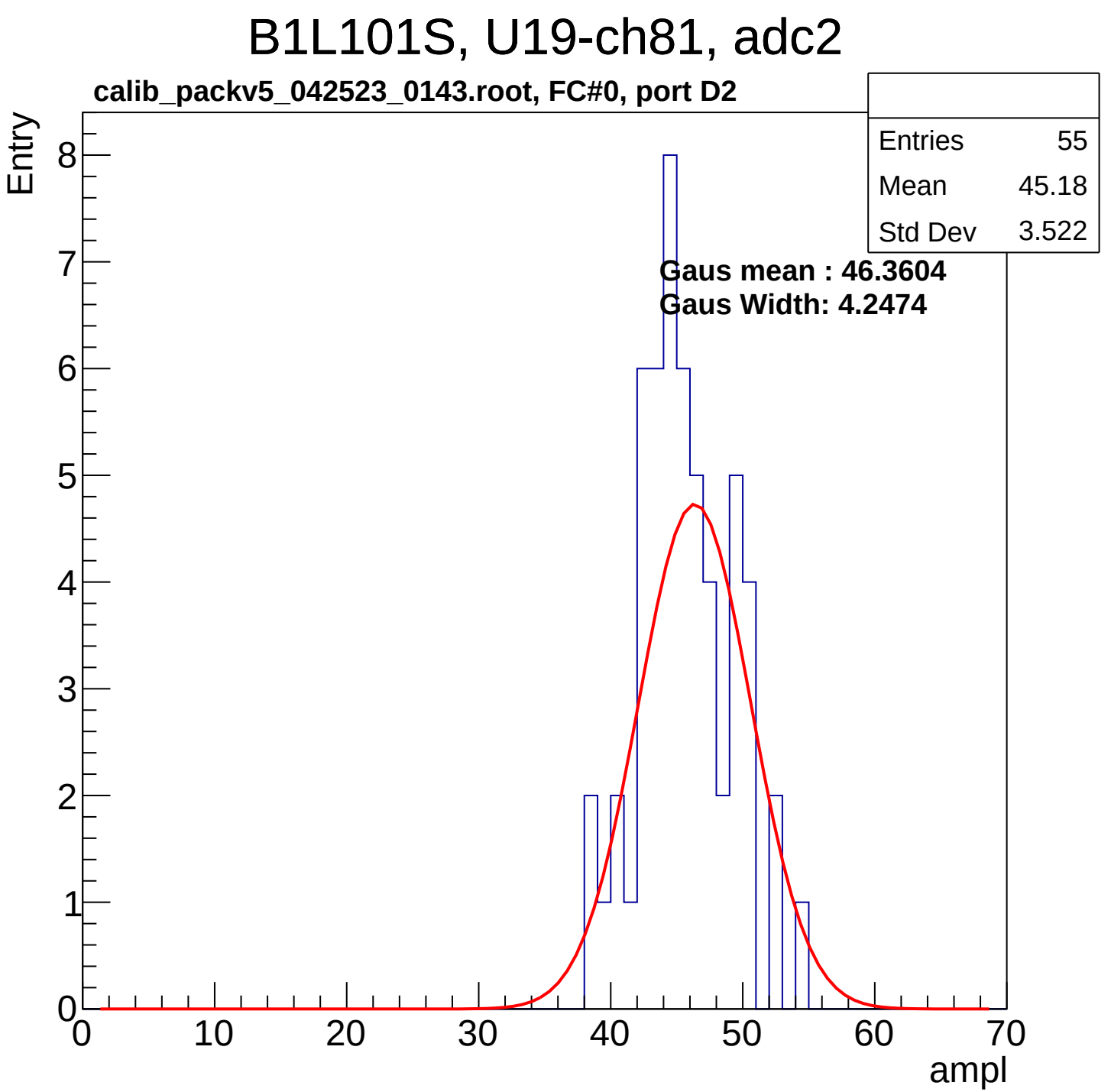
B1L101S, U19-ch81, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 45.18
Std Dev 3.522
Gaus mean : 46.3604
Gaus Width: 4.2474
Entry
ampl
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1
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3
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5
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0
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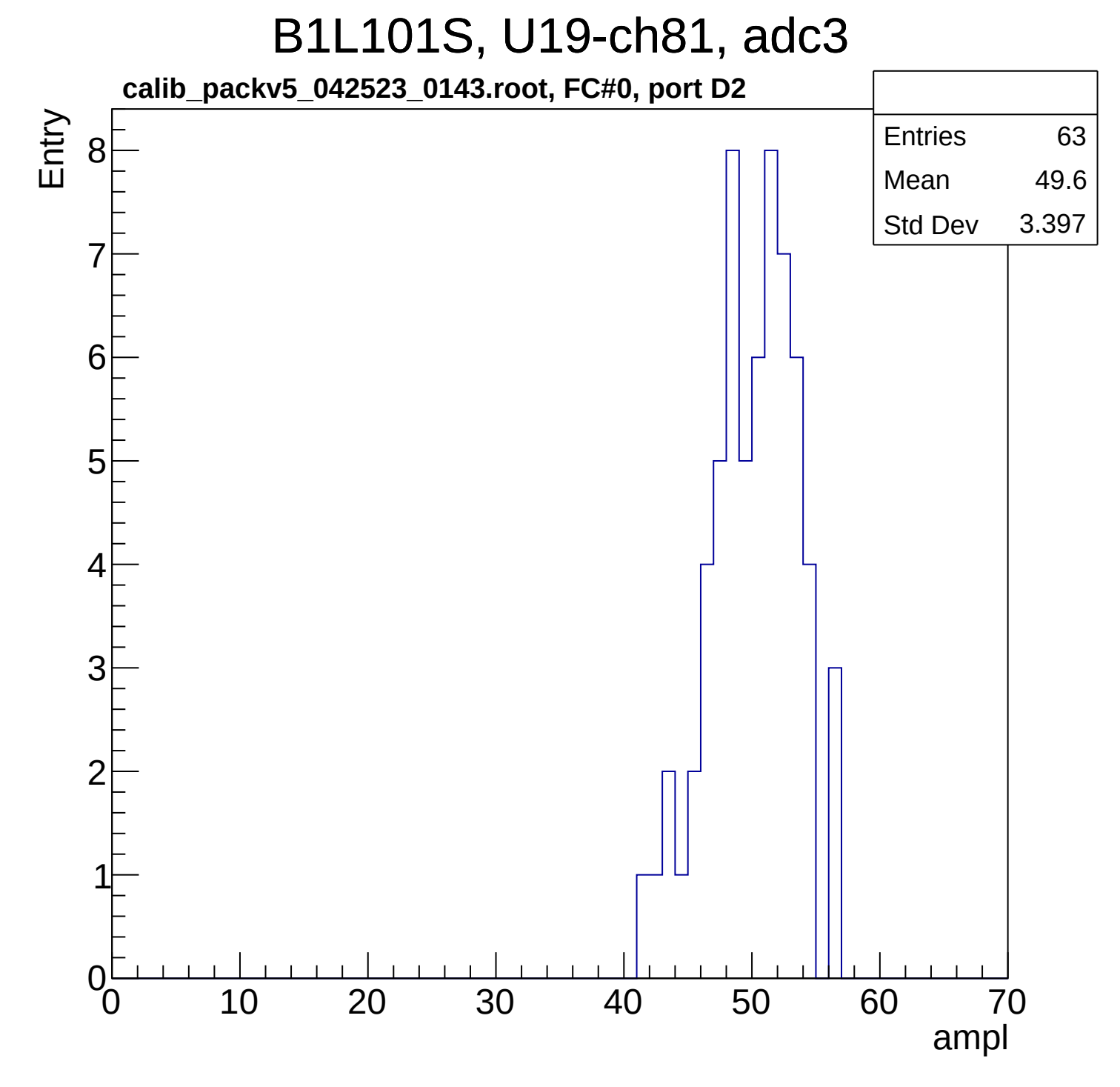
B1L101S, U19-ch81, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 49.6
Std Dev 3.397
Entry
ampl
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2
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4
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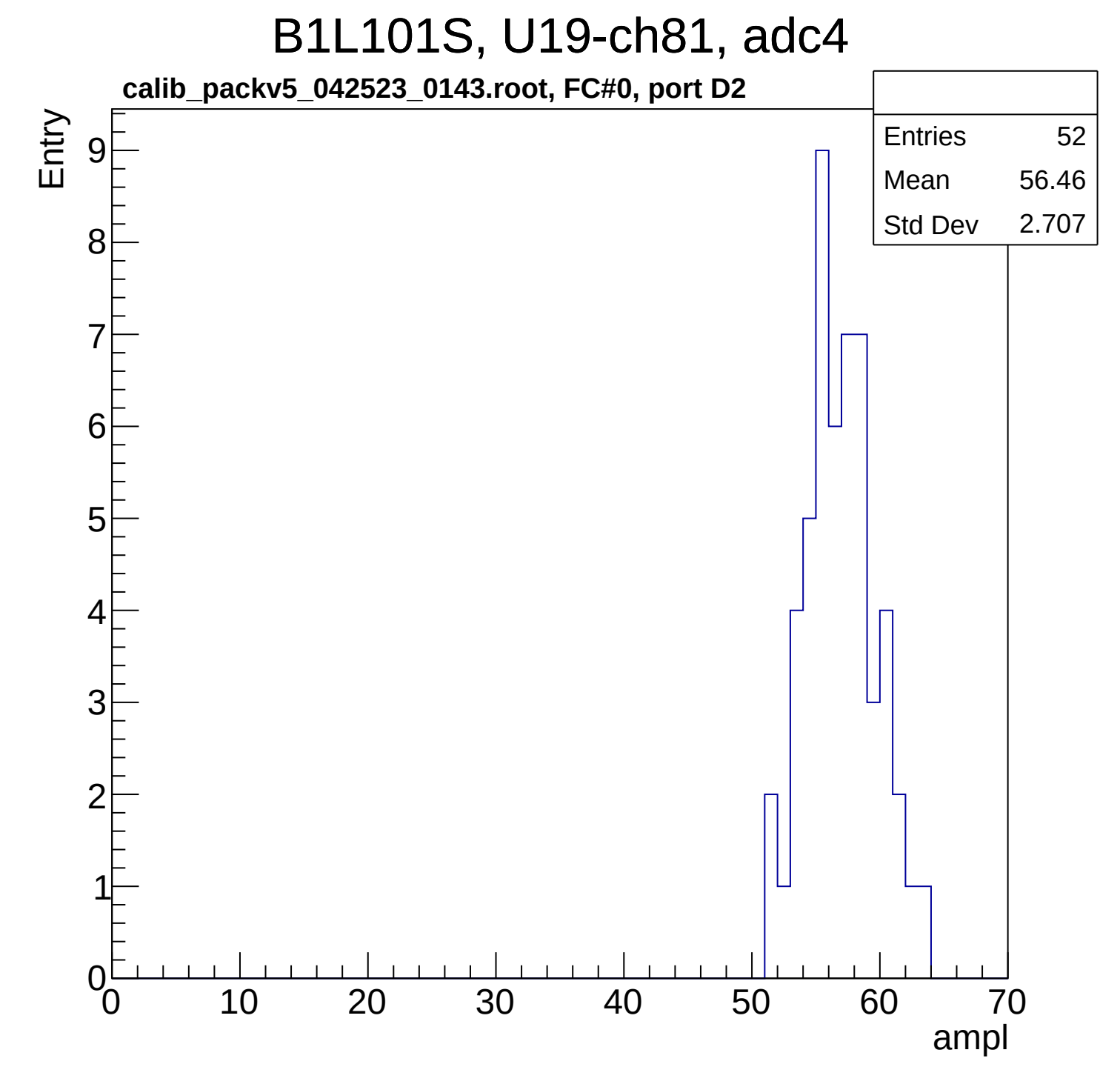
B1L101S, U19-ch81, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 56.46
Std Dev 2.707
Entry
ampl
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2
3
4
5
6
7
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0
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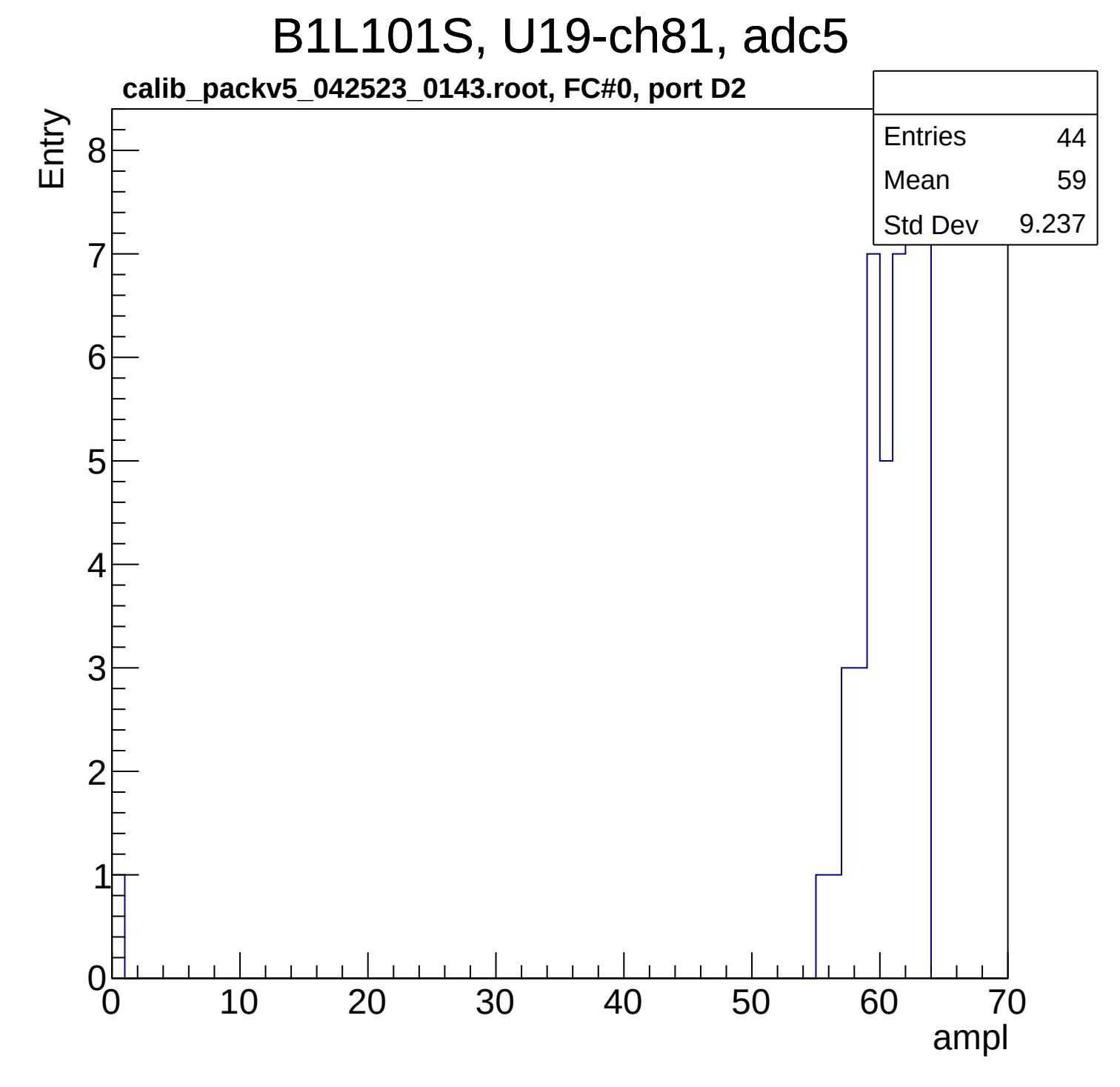
B1L101S, U19-ch81, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 59
Std Dev 9.237
Entry
ampl
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1
2
3
4
5
6
7
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0
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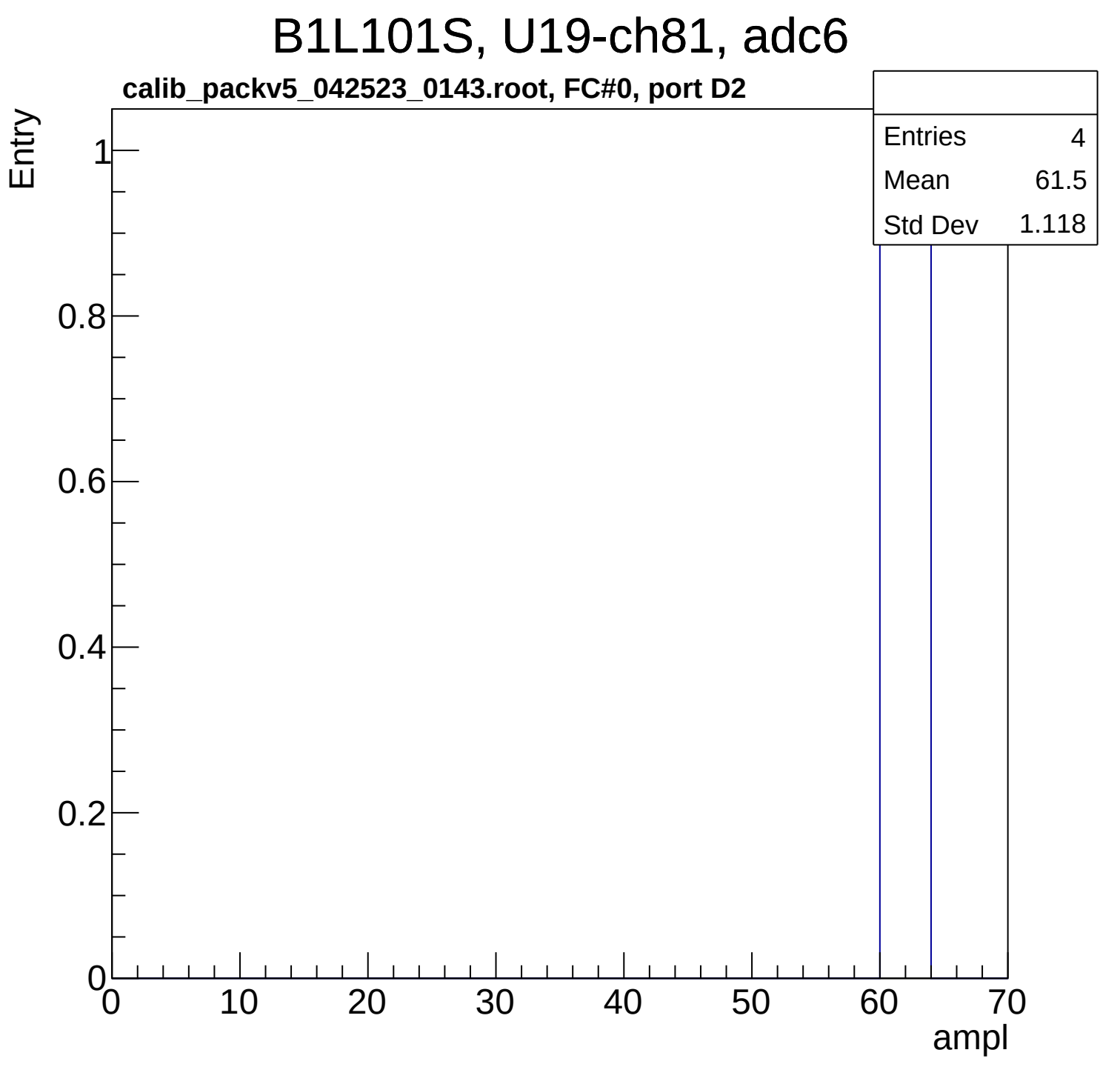
B1L101S, U19-ch81, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.5
Std Dev 1.118
Entry
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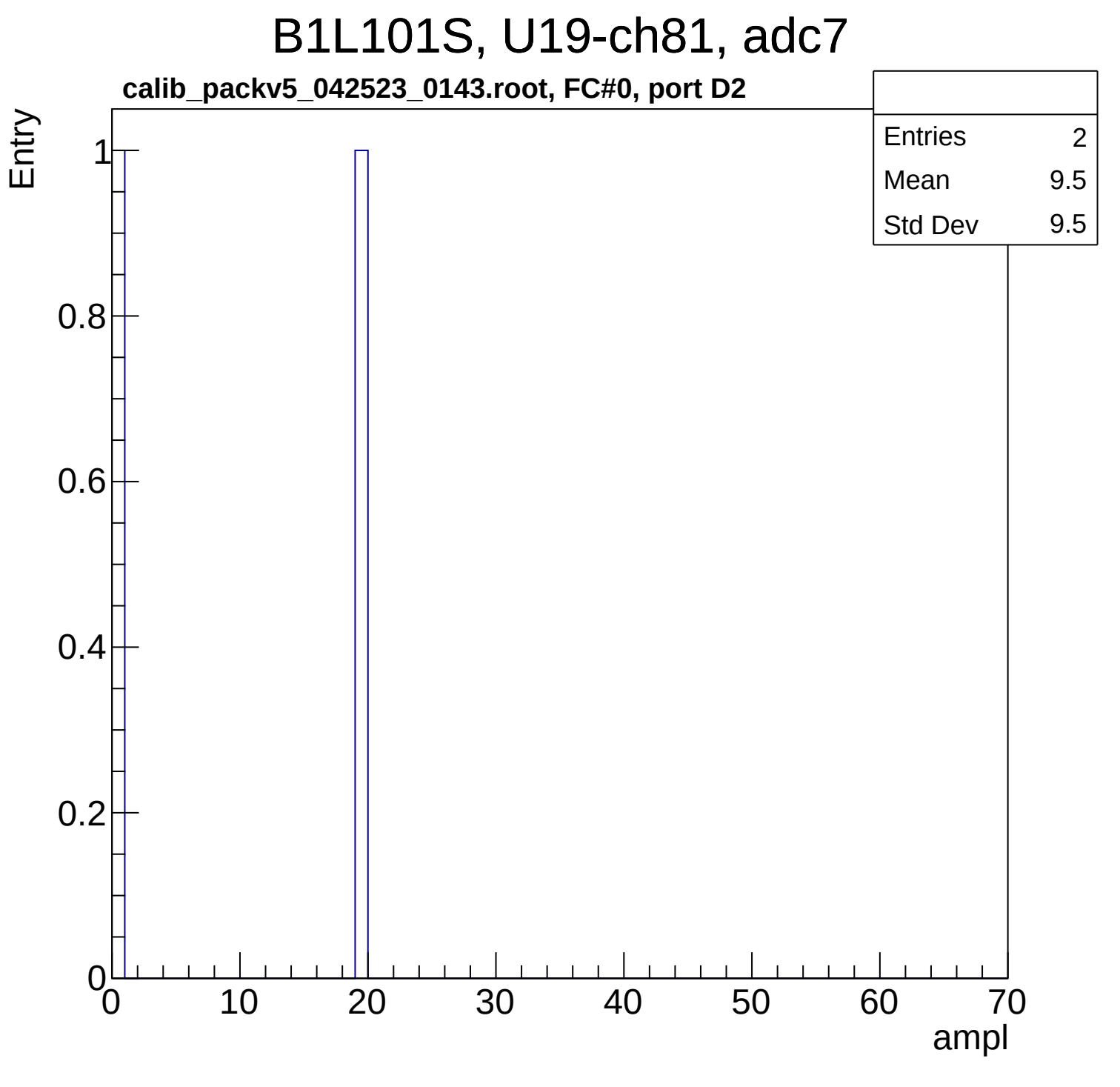
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch81, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
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40
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60
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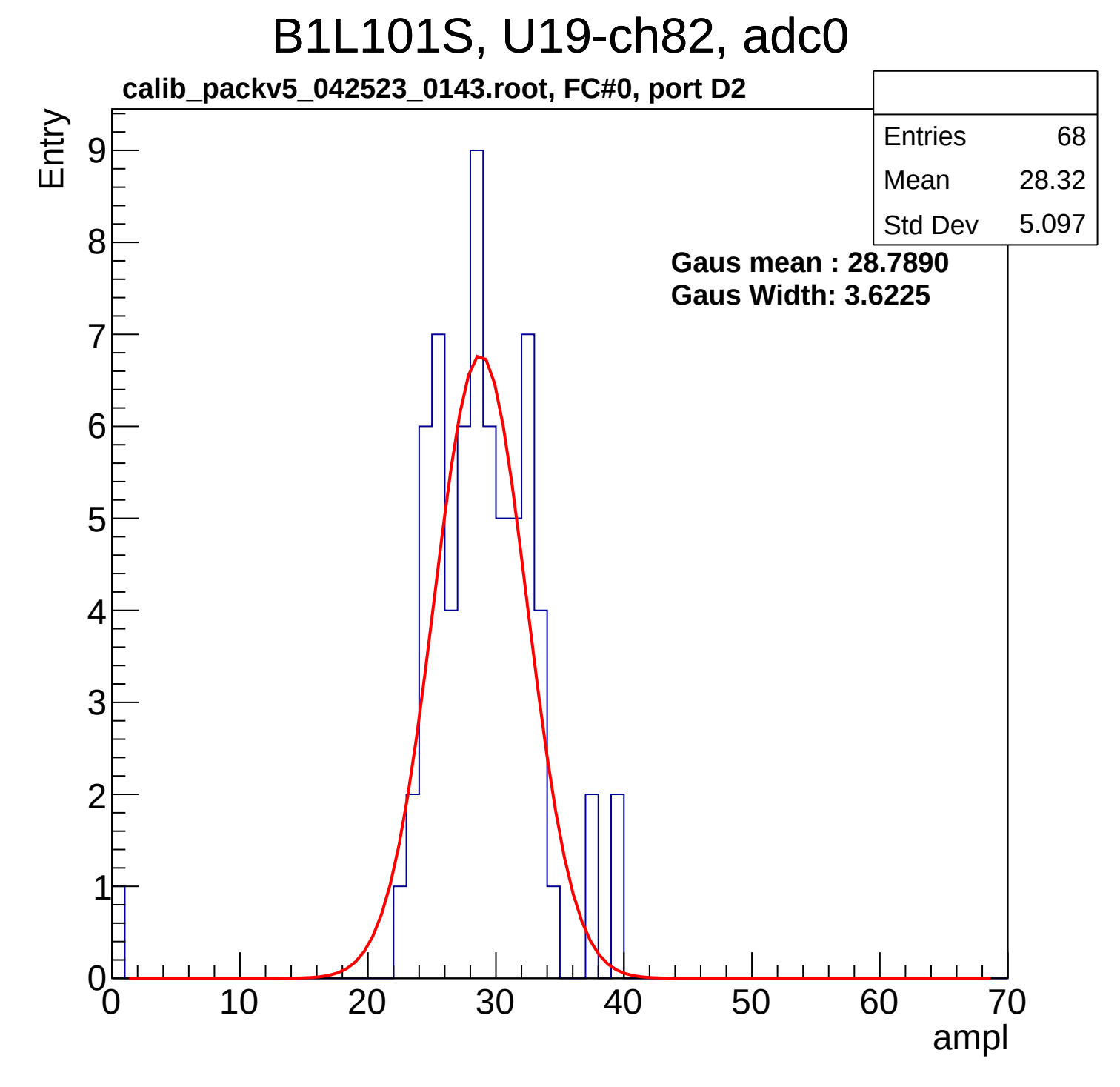
B1L101S, U19-ch82, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 28.32
Std Dev 5.097
Gaus mean : 28.7890
Gaus Width: 3.6225
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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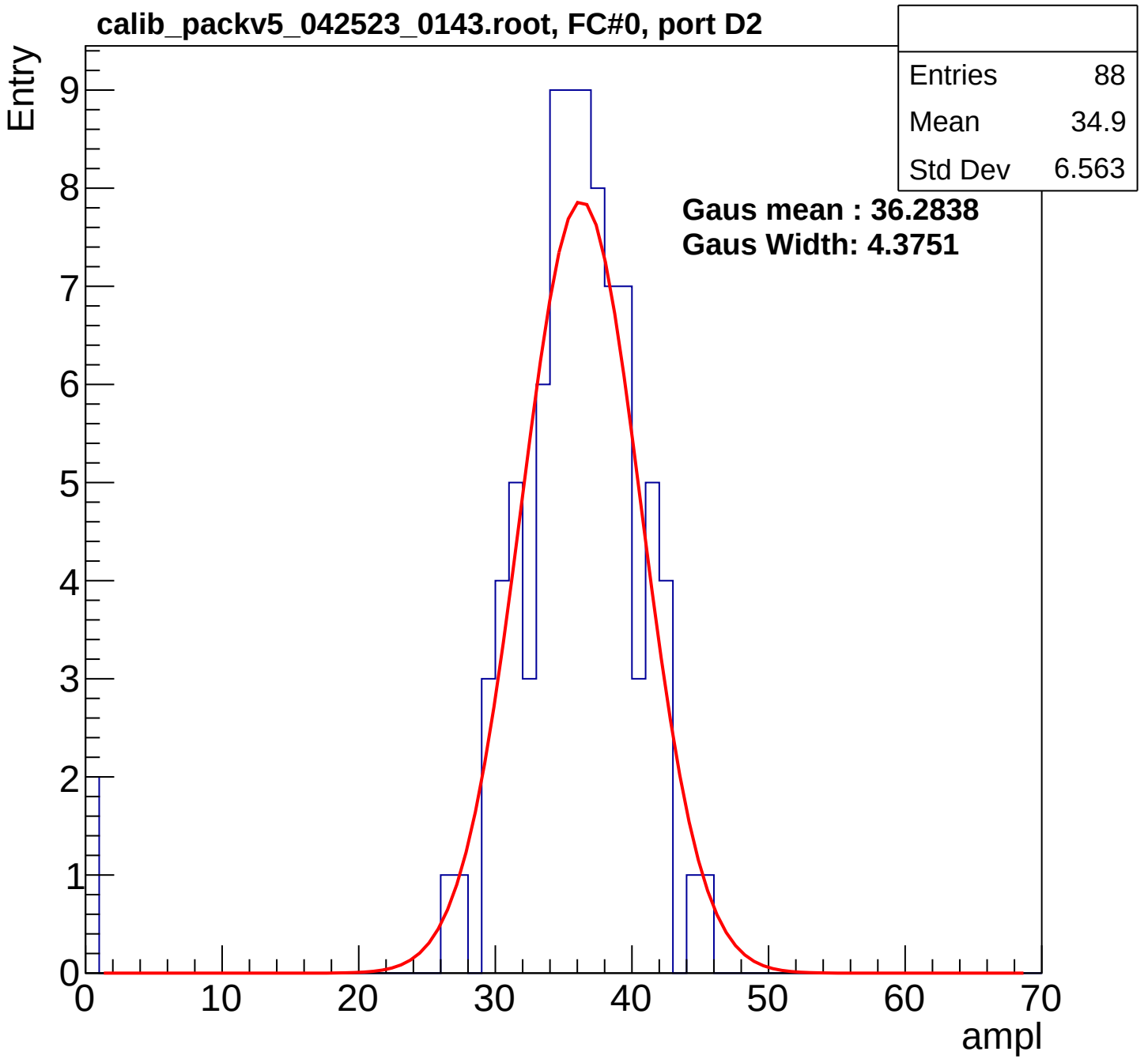
B1L101S, U19-ch82, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 88
Mean 34.9
Std Dev 6.563
Gaus mean : 36.2838
Gaus Width: 4.3751
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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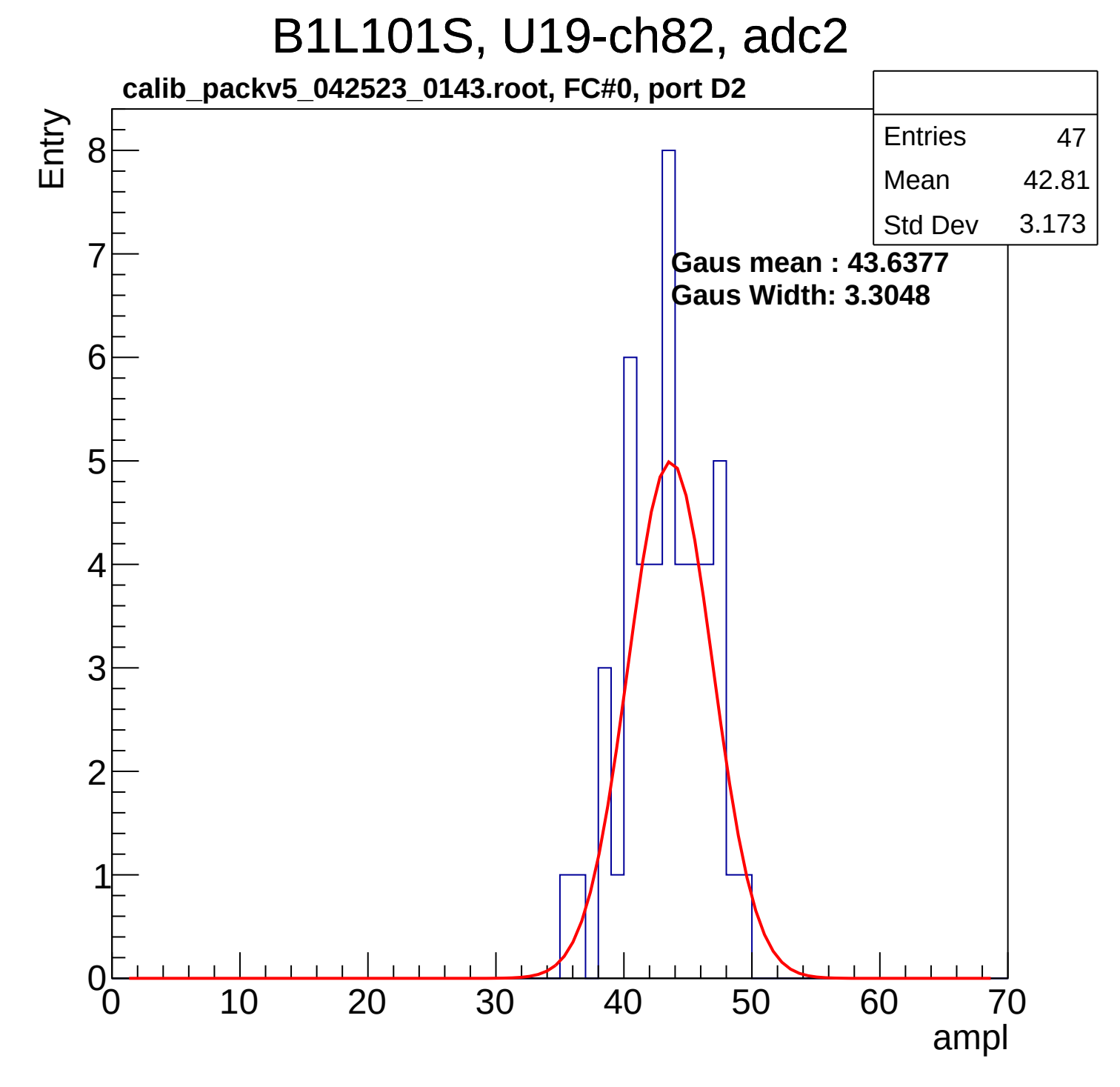
B1L101S, U19-ch82, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 42.81
Std Dev 3.173
Gaus mean : 43.6377
Gaus Width: 3.3048
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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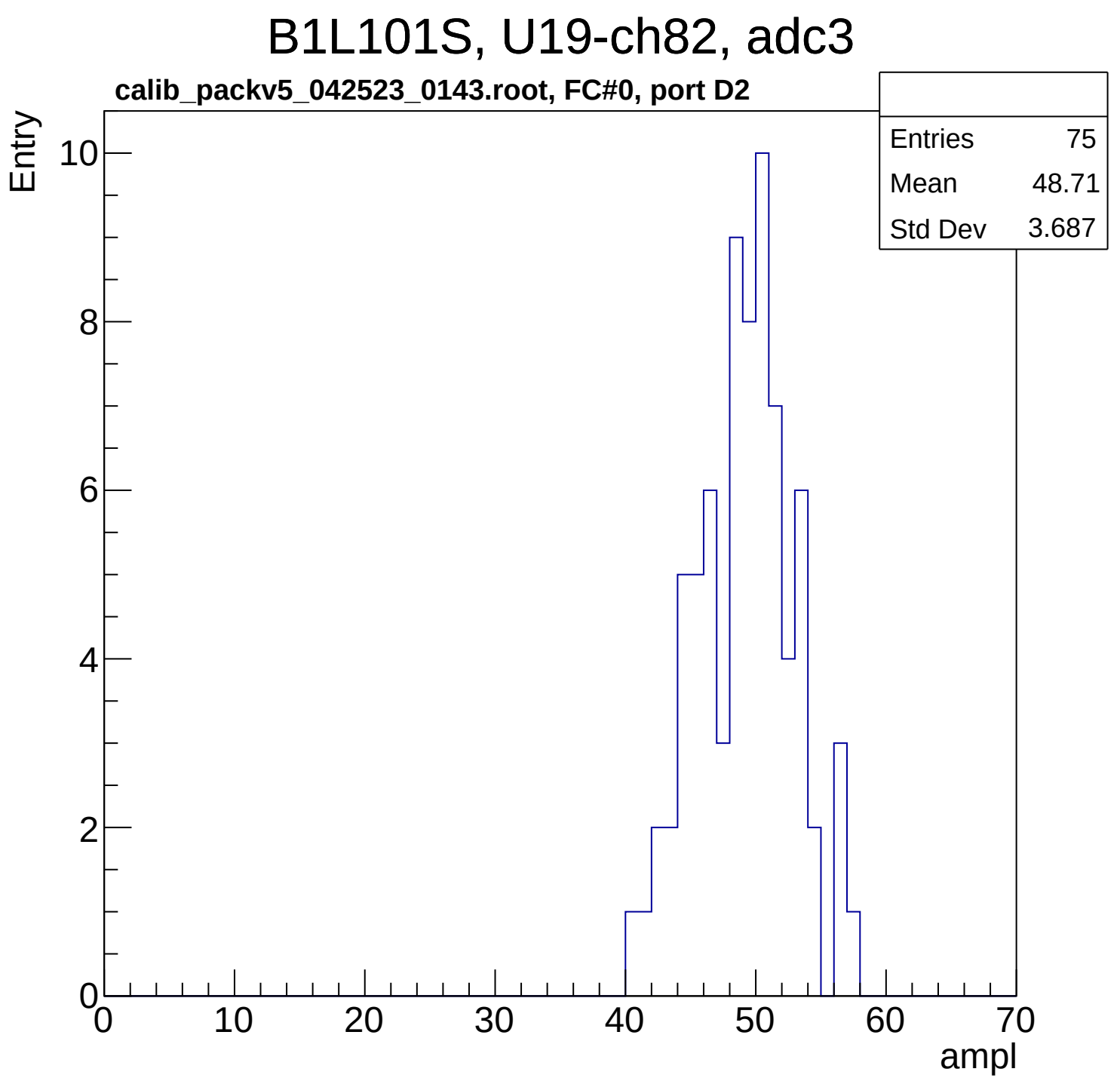
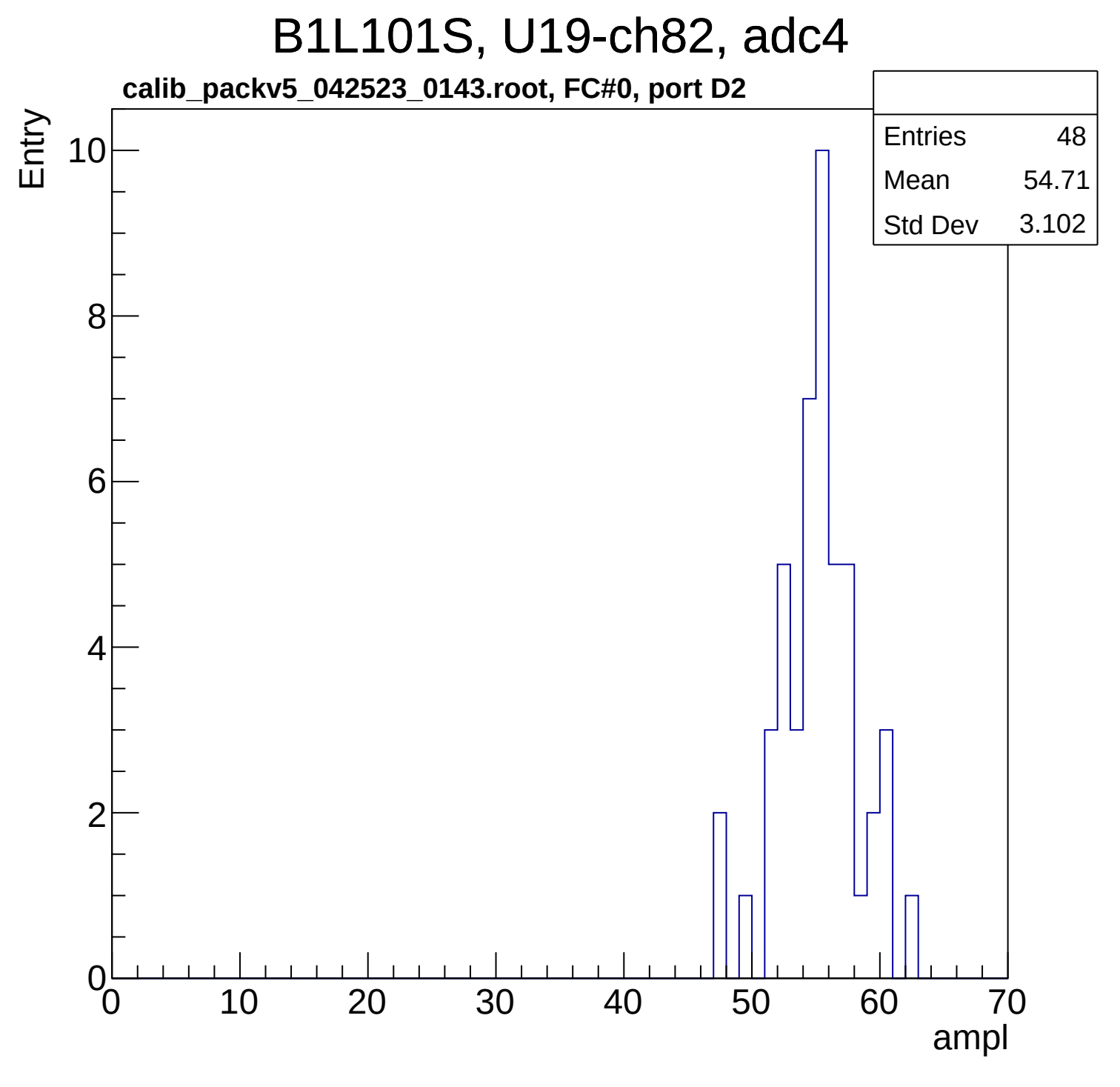

B1L101S, U19-ch82, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 48.71
Std Dev 3.687
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch82, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 54.71
Std Dev 3.102
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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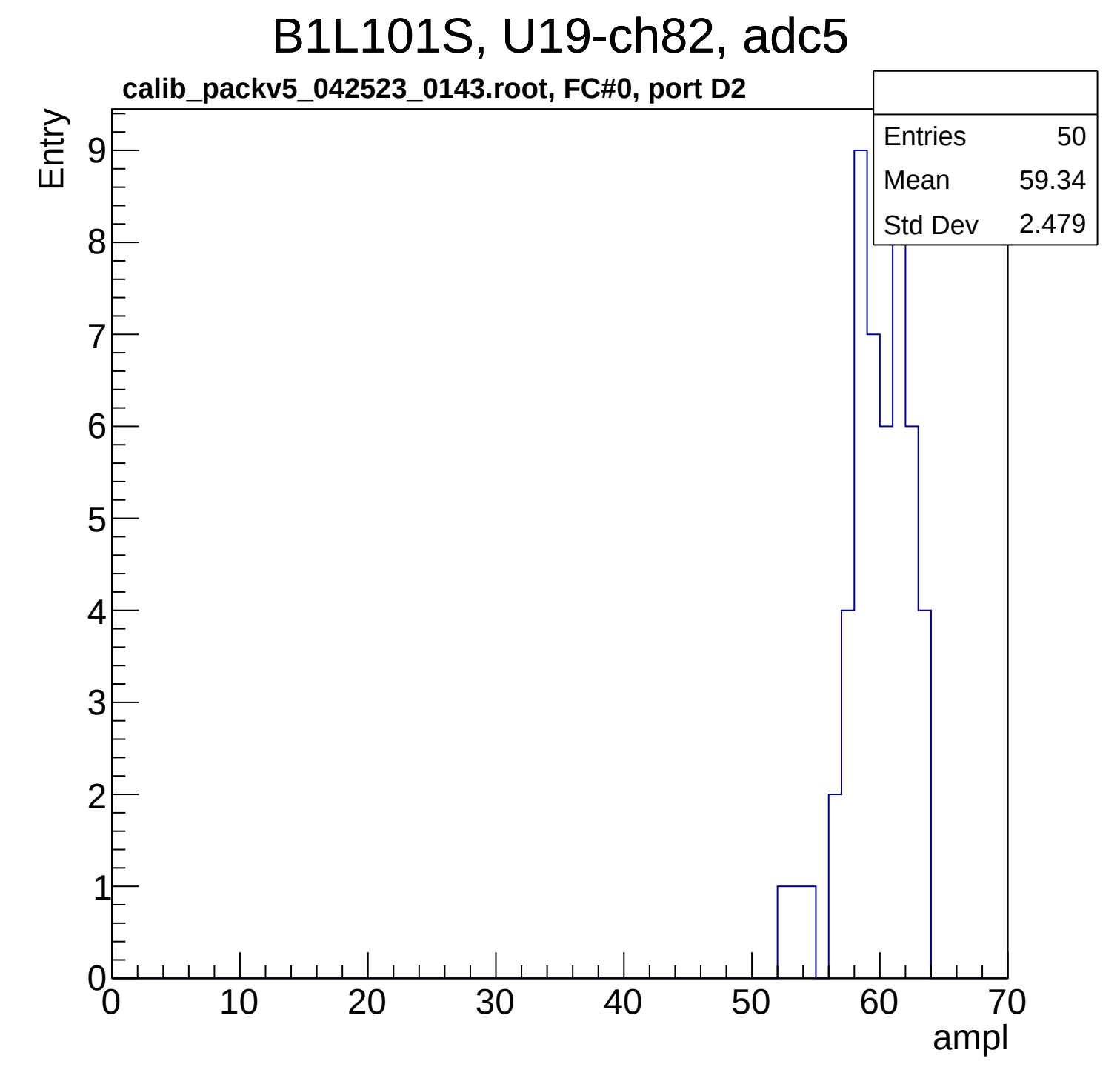
B1L101S, U19-ch82, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 59.34
Std Dev 2.479
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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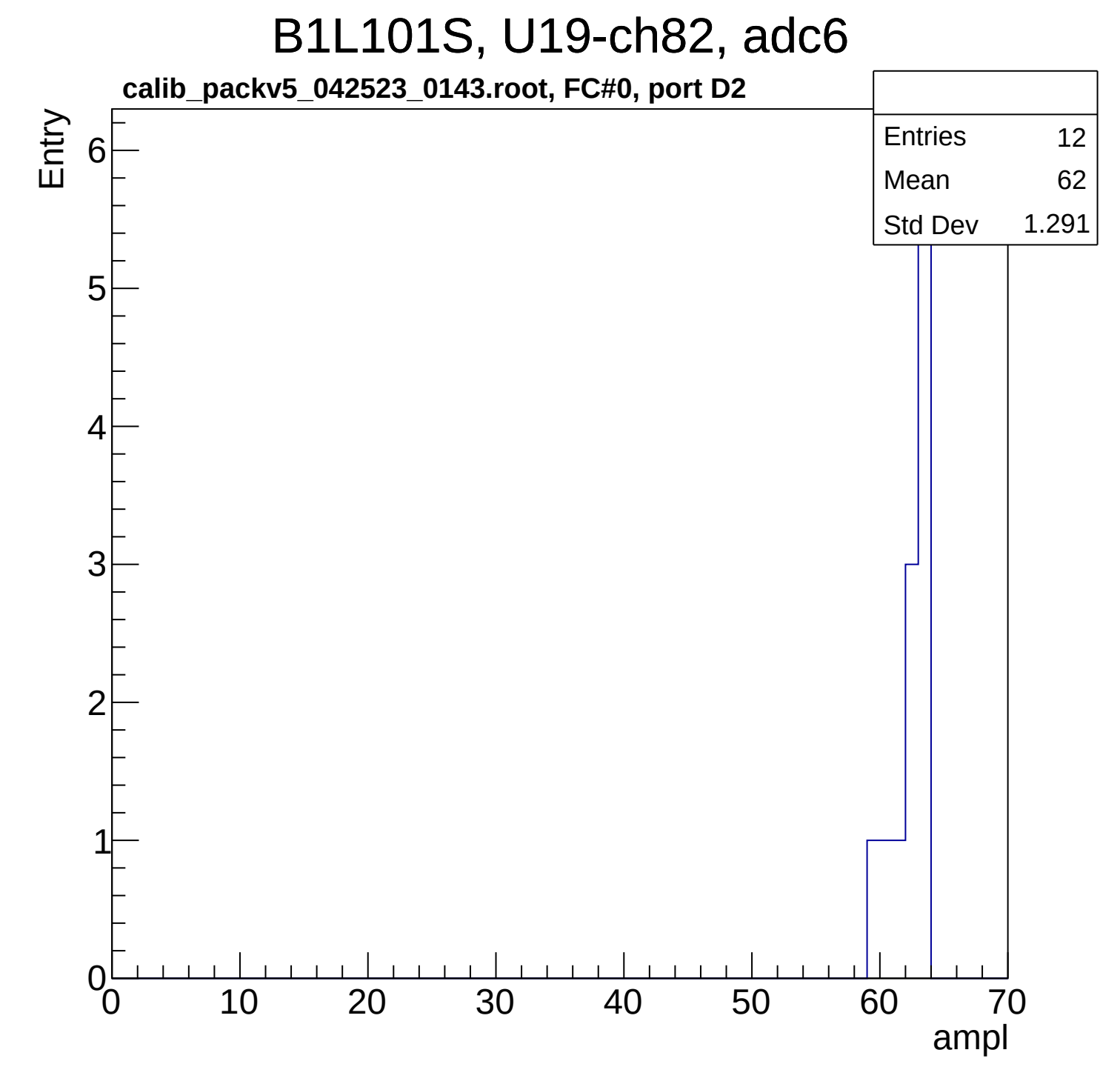
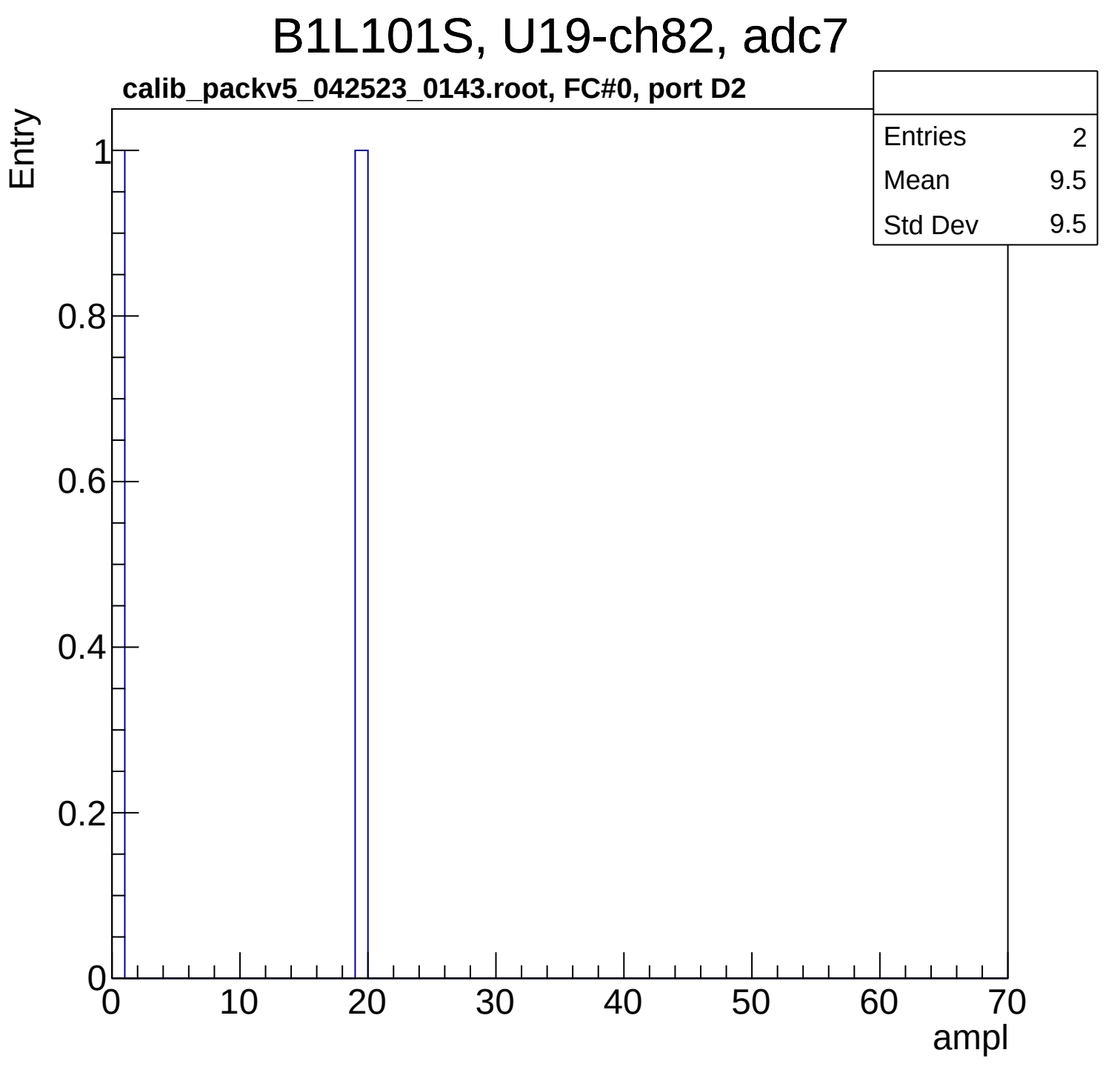

B1L101S, U19-ch82, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 12
Mean 62
Std Dev 1.291
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch82, adc7
calib_packv5_042523_0143.root, FC#0, 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
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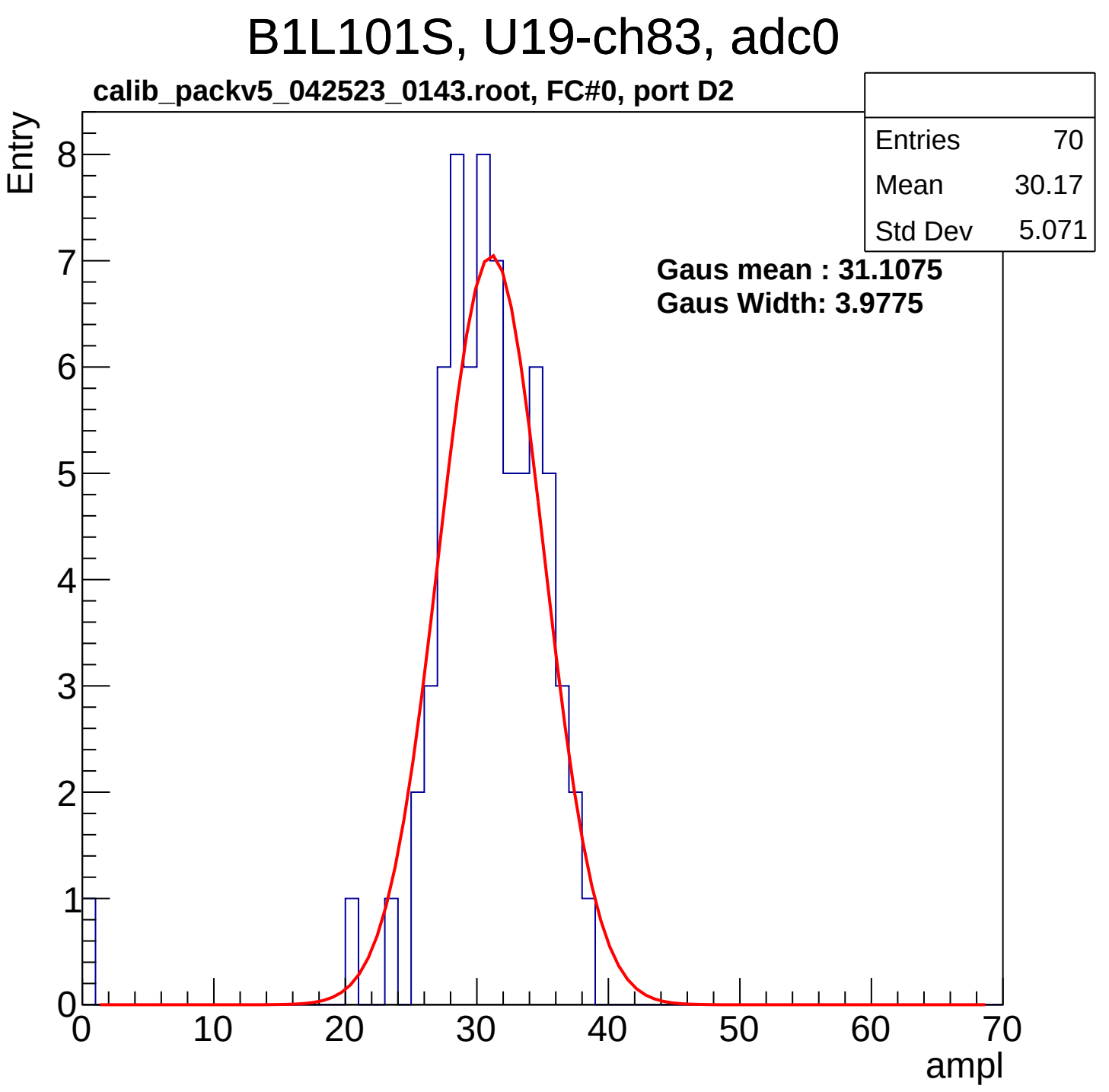
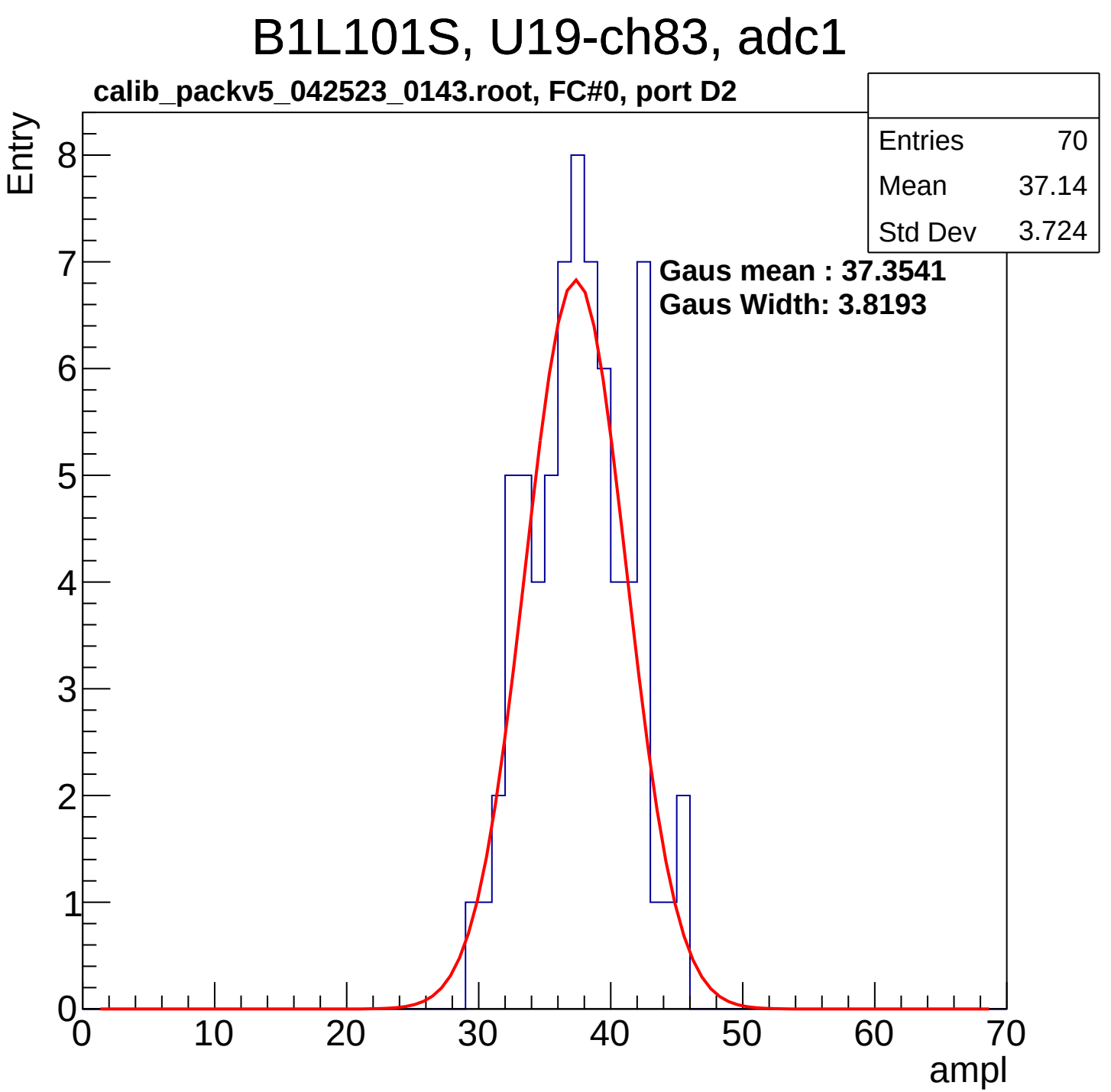

B1L101S, U19-ch83, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 30.17
Std Dev 5.071
Gaus mean : 31.1075
Gaus Width: 3.9775
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch83, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 37.14
Std Dev 3.724
Gaus mean : 37.3541
Gaus Width: 3.8193
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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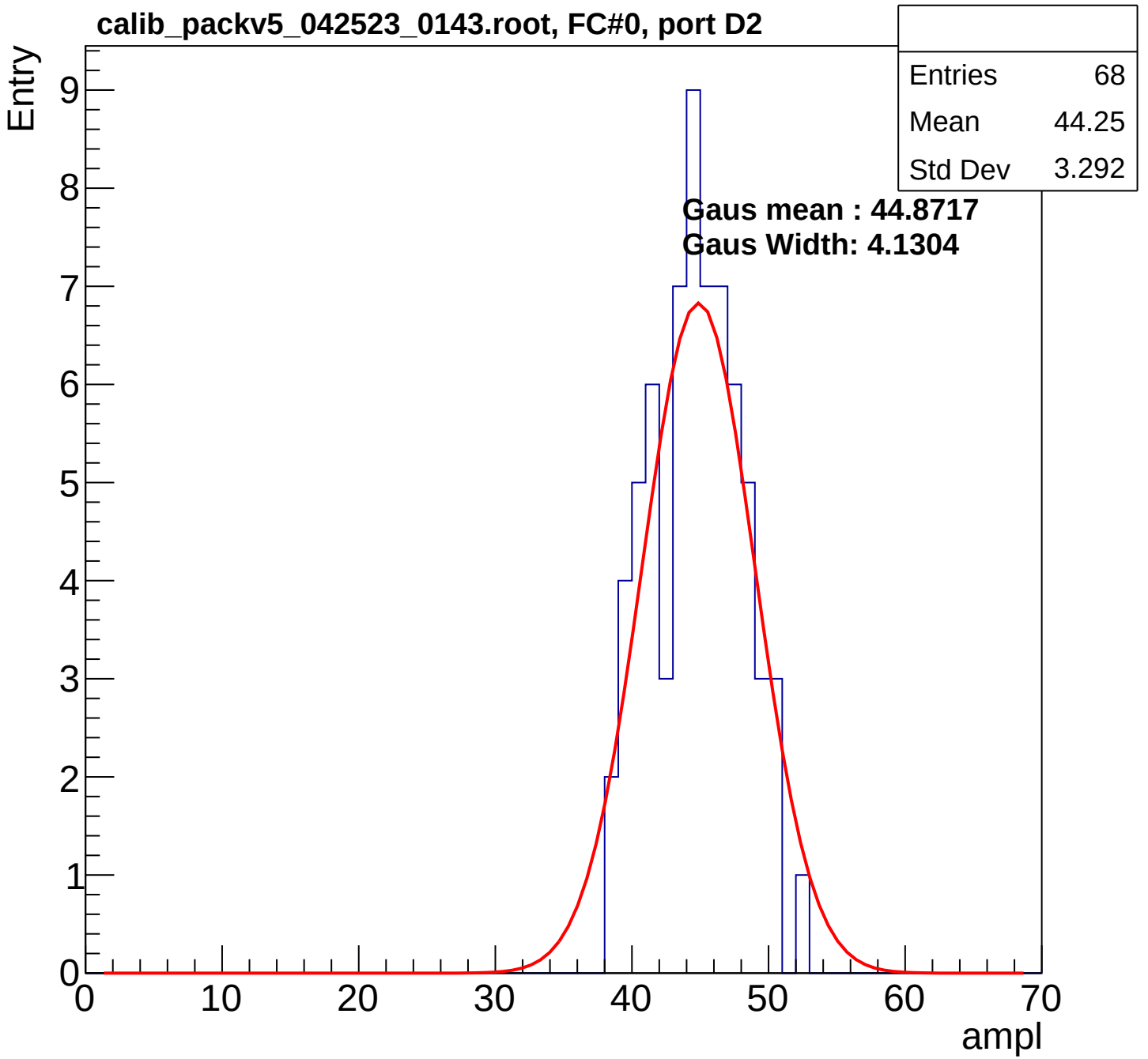
B1L101S, U19-ch83, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 44.25
Std Dev 3.292
Gaus mean : 44.8717
Gaus Width: 4.1304
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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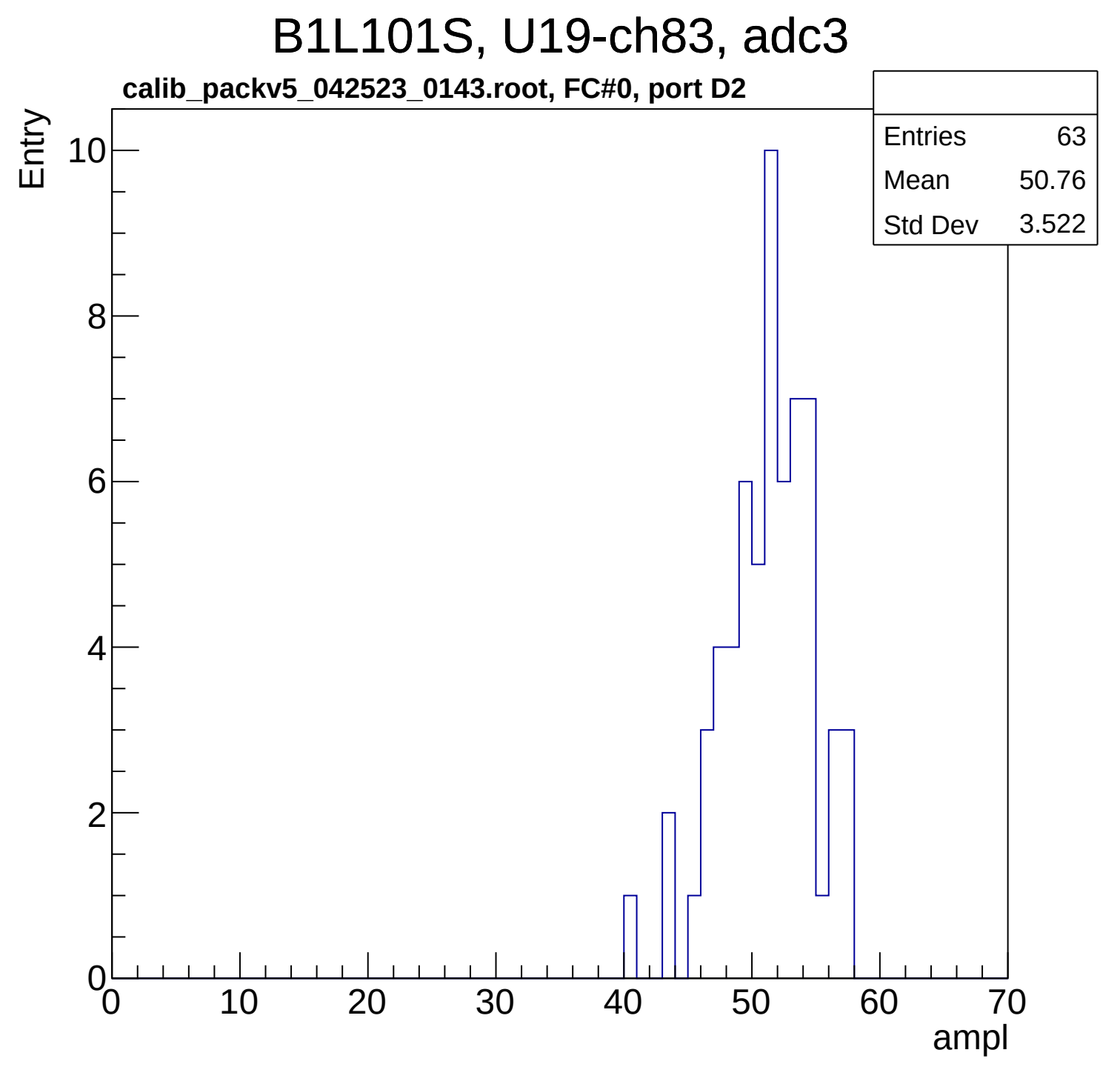
B1L101S, U19-ch83, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 50.76
Std Dev 3.522
Entry
ampl
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2
4
6
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10
0
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60
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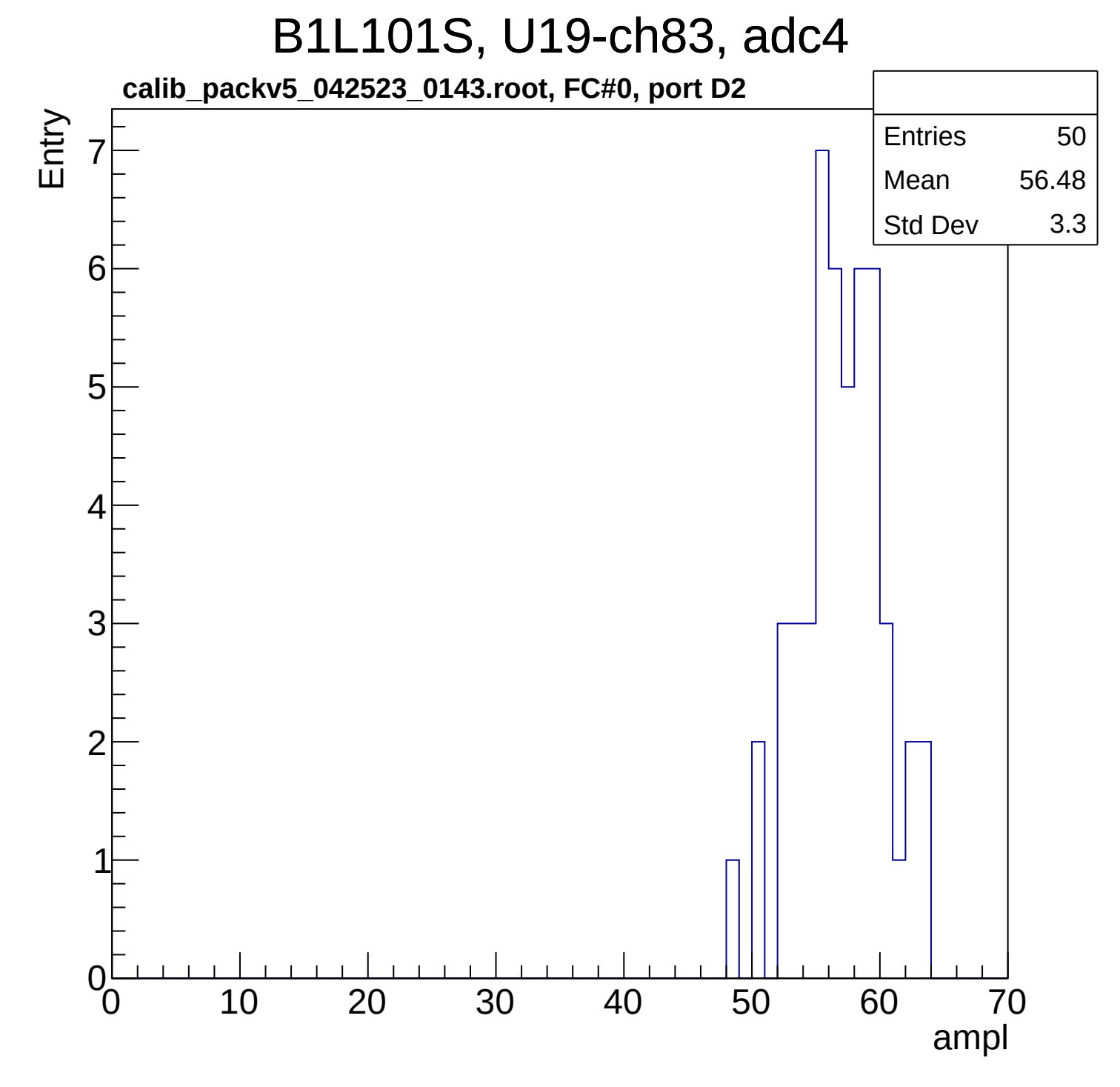
B1L101S, U19-ch83, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 56.48
Std Dev 3.3
Entry
ampl
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4
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6
7
0
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60
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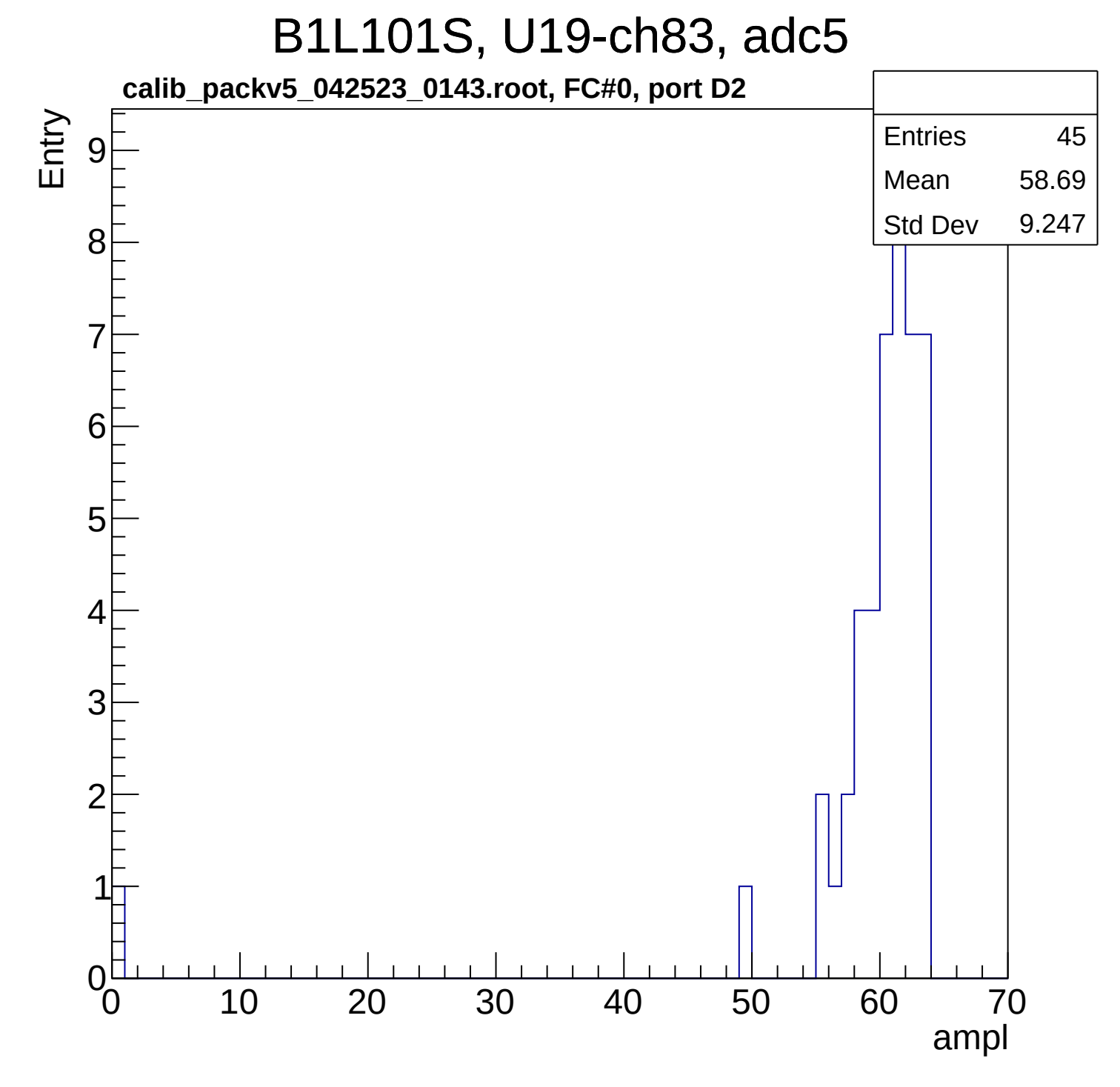
B1L101S, U19-ch83, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 58.69
Std Dev 9.247
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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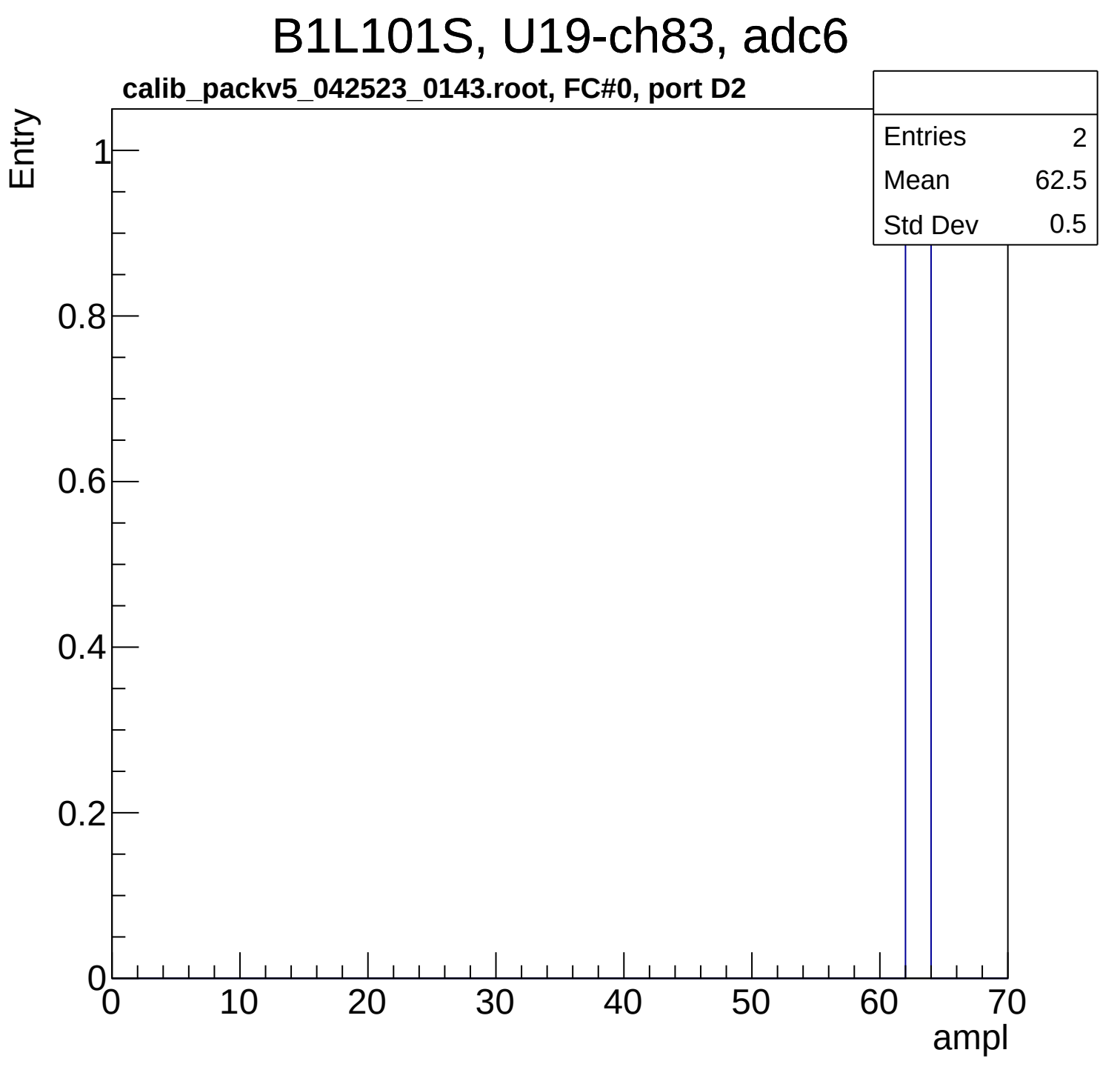
B1L101S, U19-ch83, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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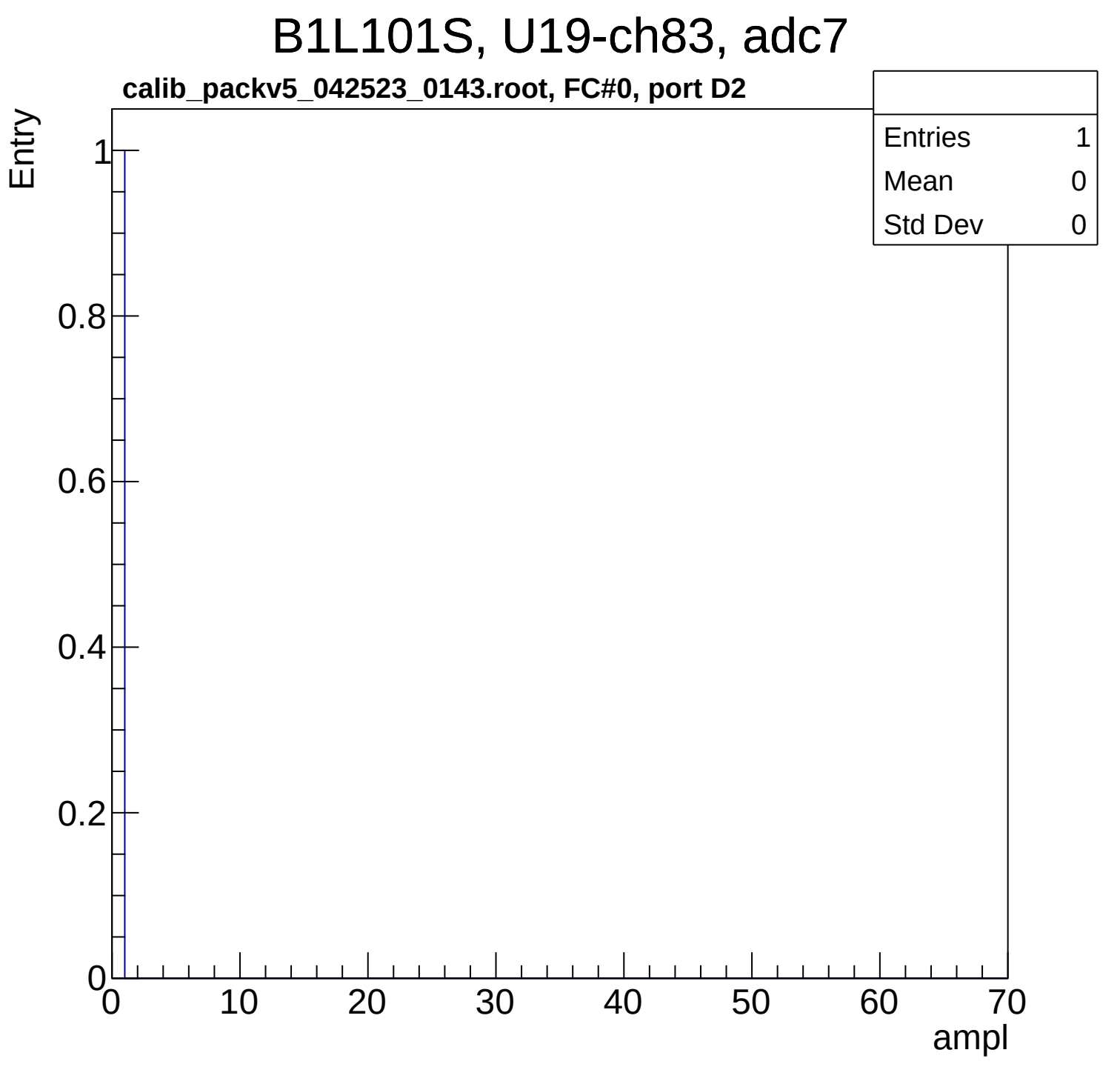
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch83, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
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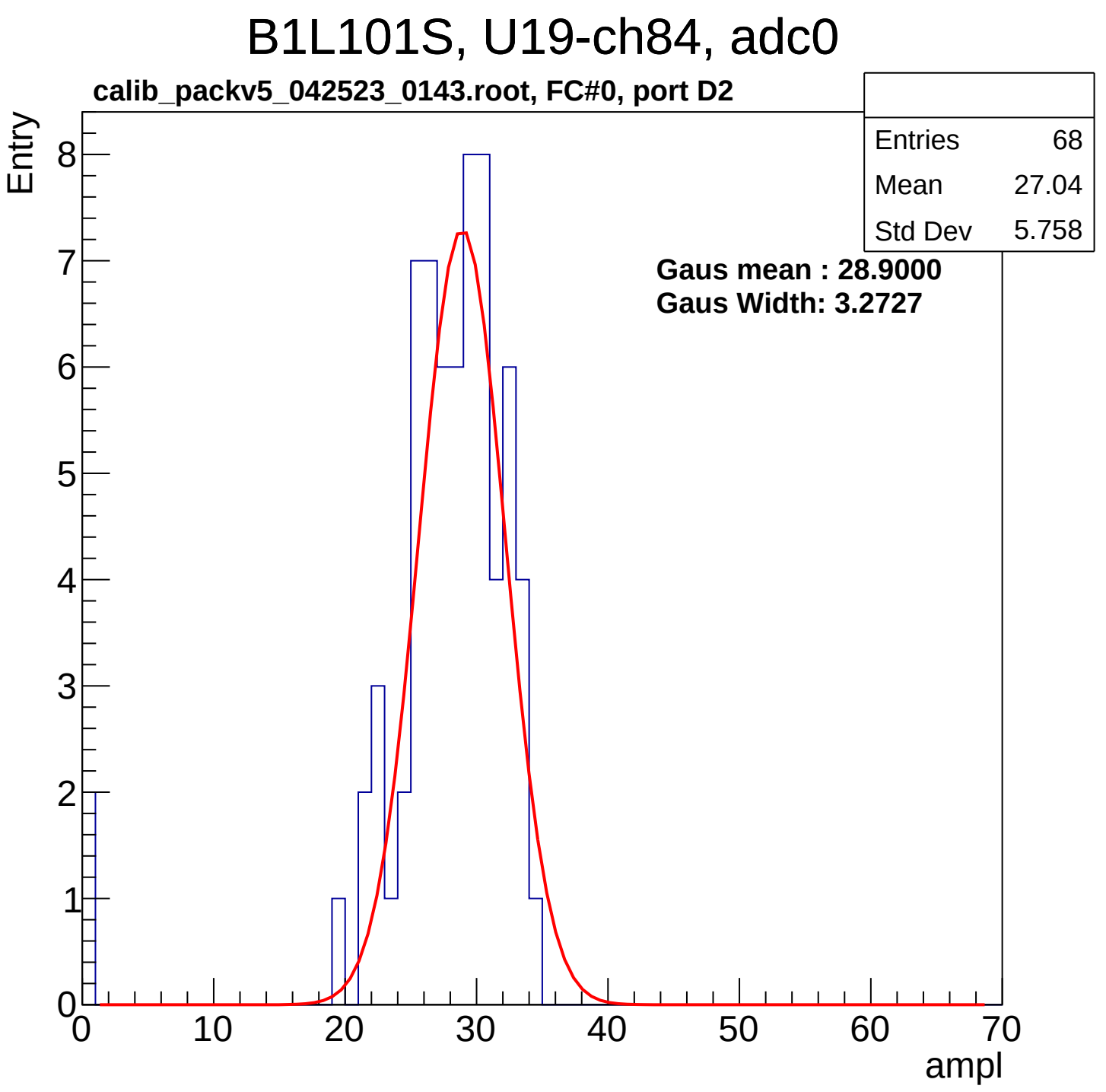
50
60
70
ampl


B1L101S, U19-ch84, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 27.04
Std Dev 5.758
Gaus mean : 28.9000
Gaus Width: 3.2727
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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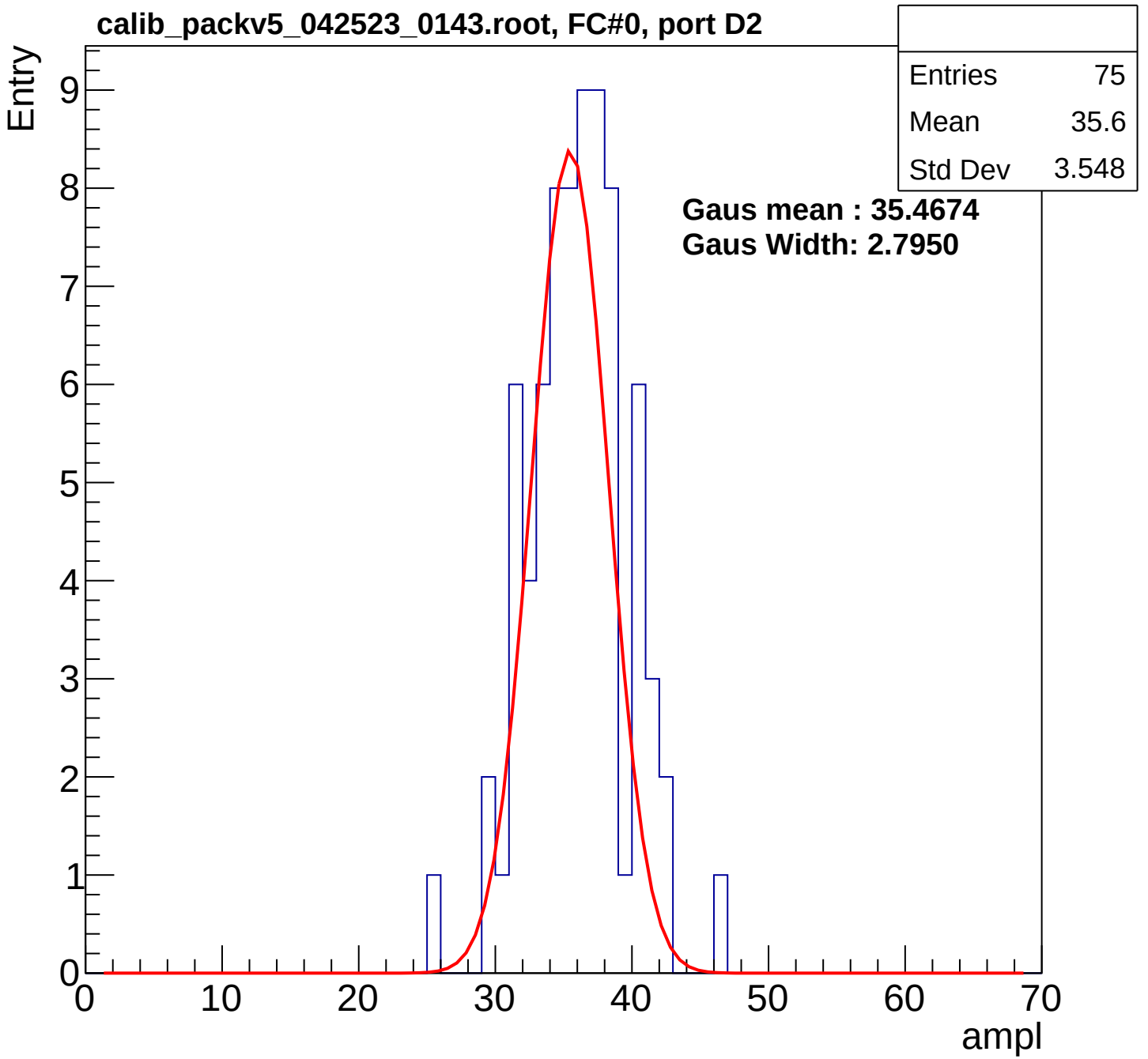
B1L101S, U19-ch84, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 35.6
Std Dev 3.548
Gaus mean : 35.4674
Gaus Width: 2.7950
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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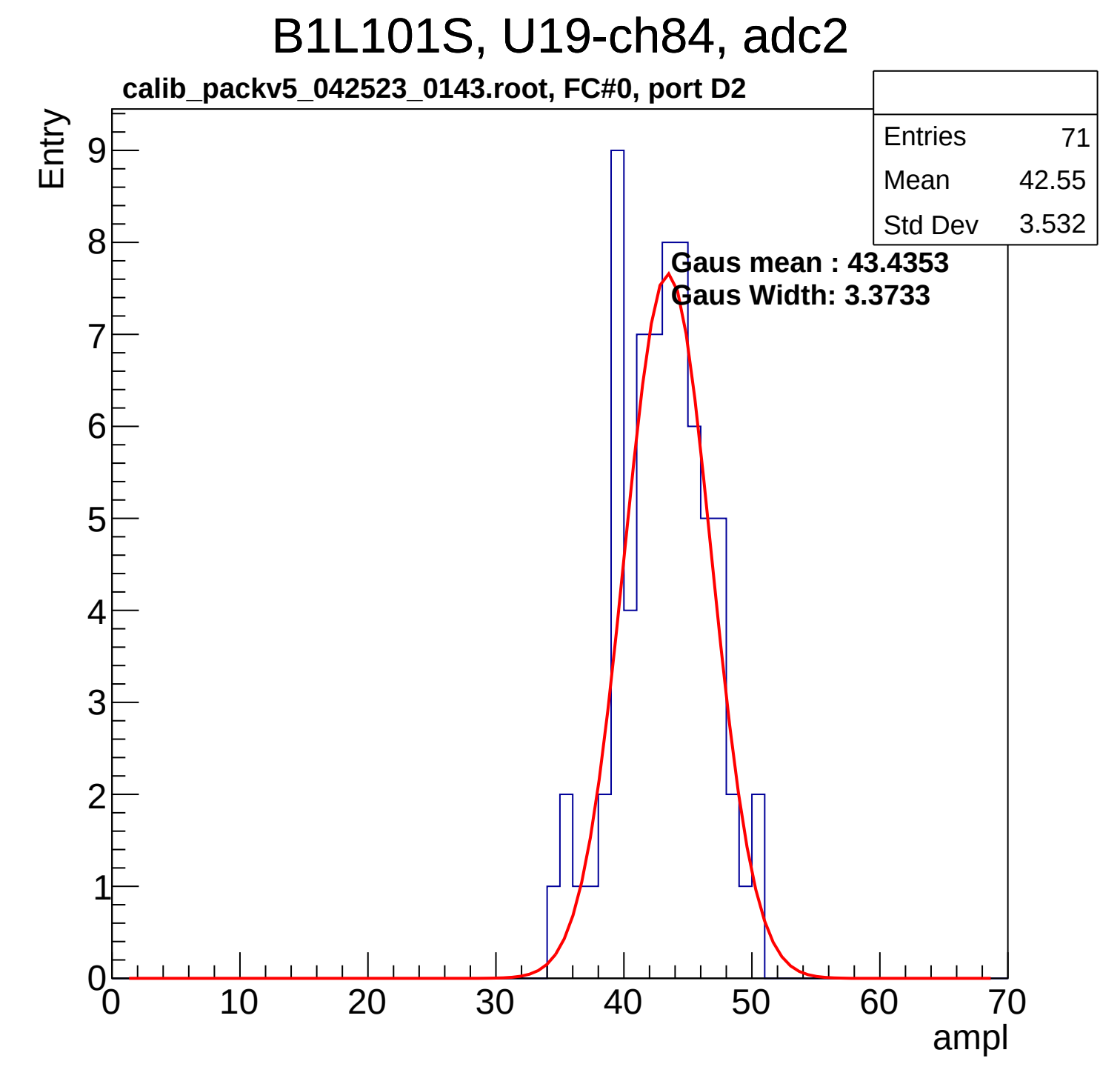
B1L101S, U19-ch84, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 42.55
Std Dev 3.532
Gaus mean : 43.4353
Gaus Width: 3.3733
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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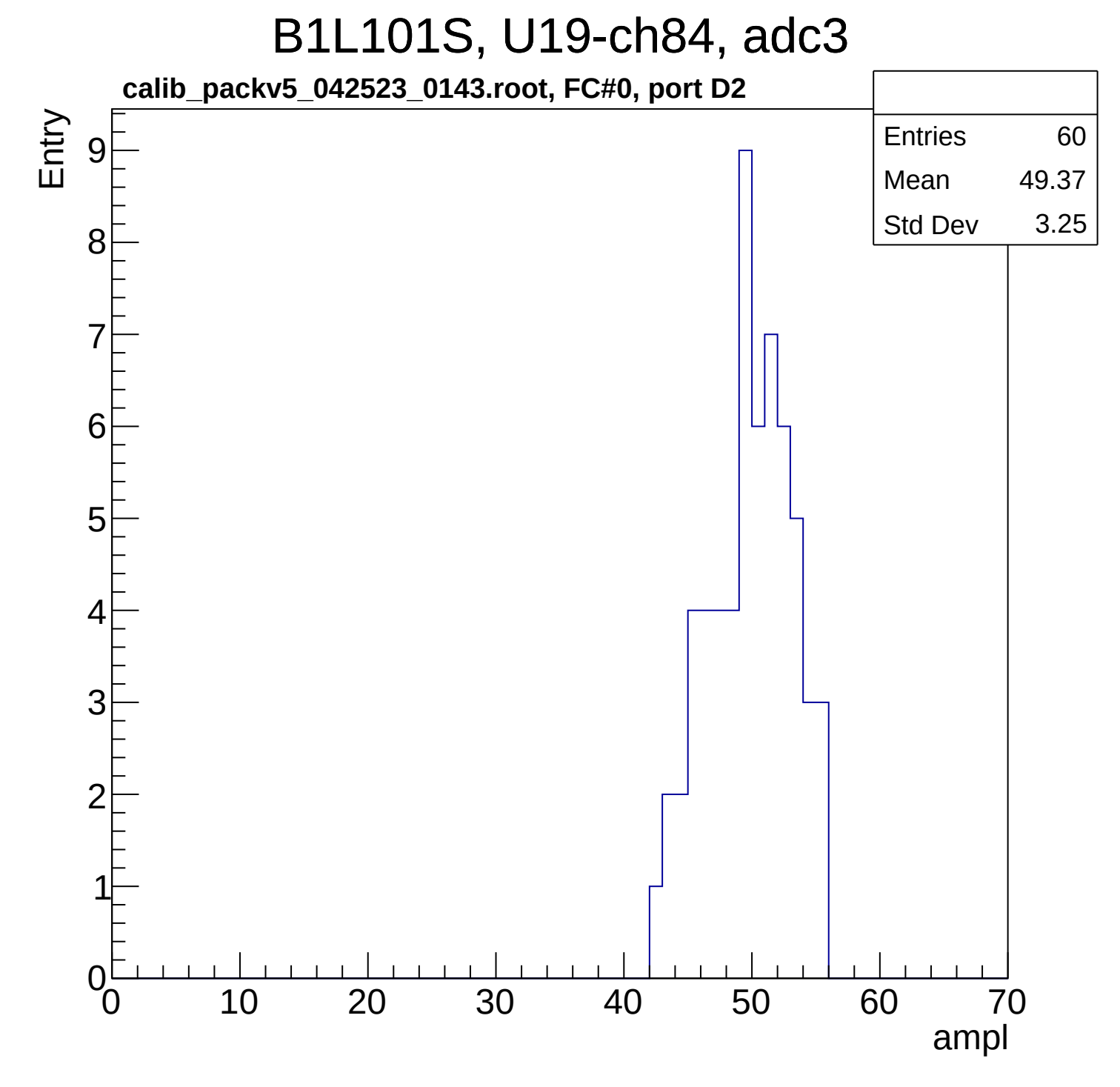
B1L101S, U19-ch84, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 49.37
Std Dev 3.25
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
30
40
50
60
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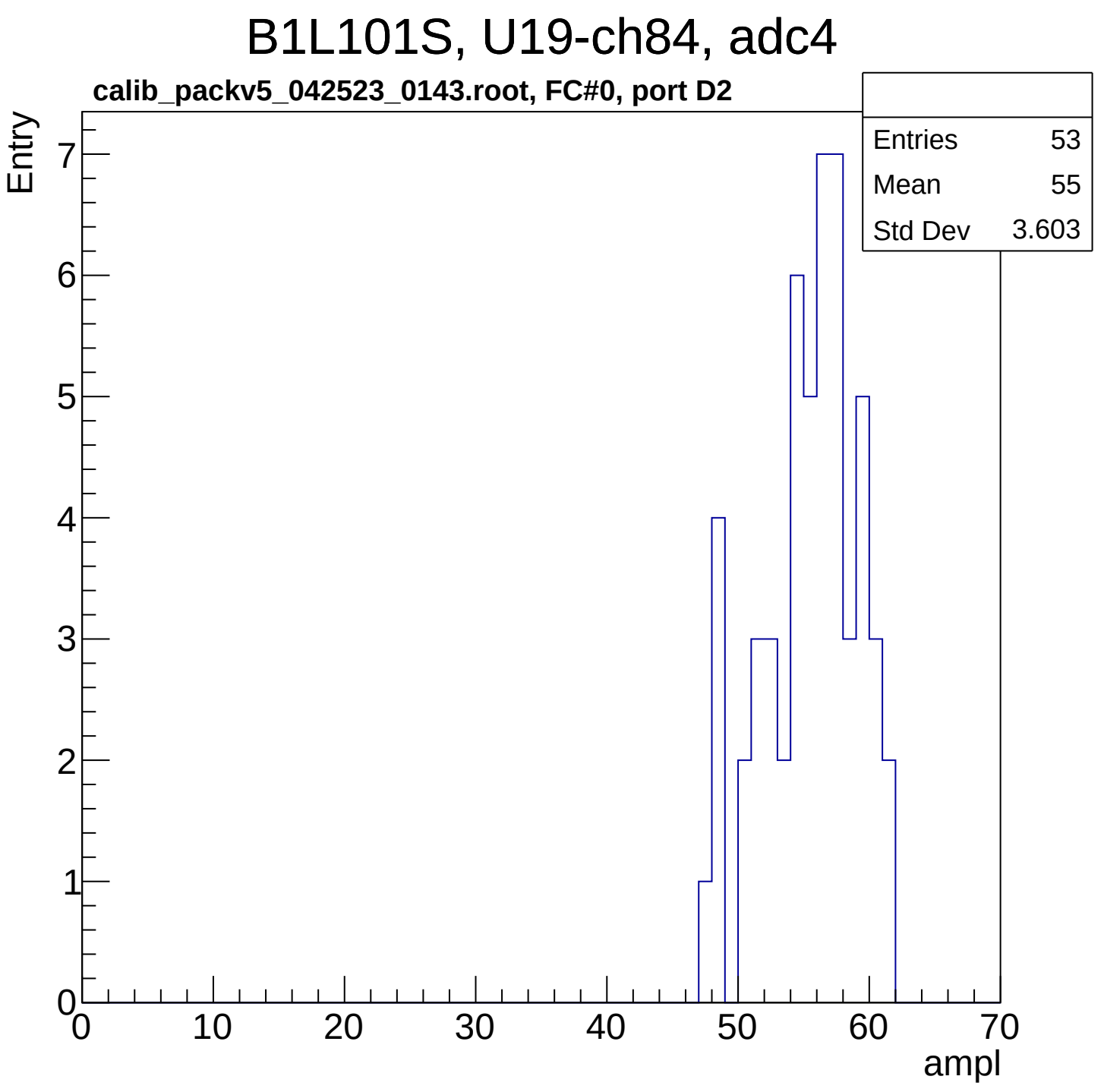
B1L101S, U19-ch84, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 55
Std Dev 3.603
Entry
ampl
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3
4
5
6
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60
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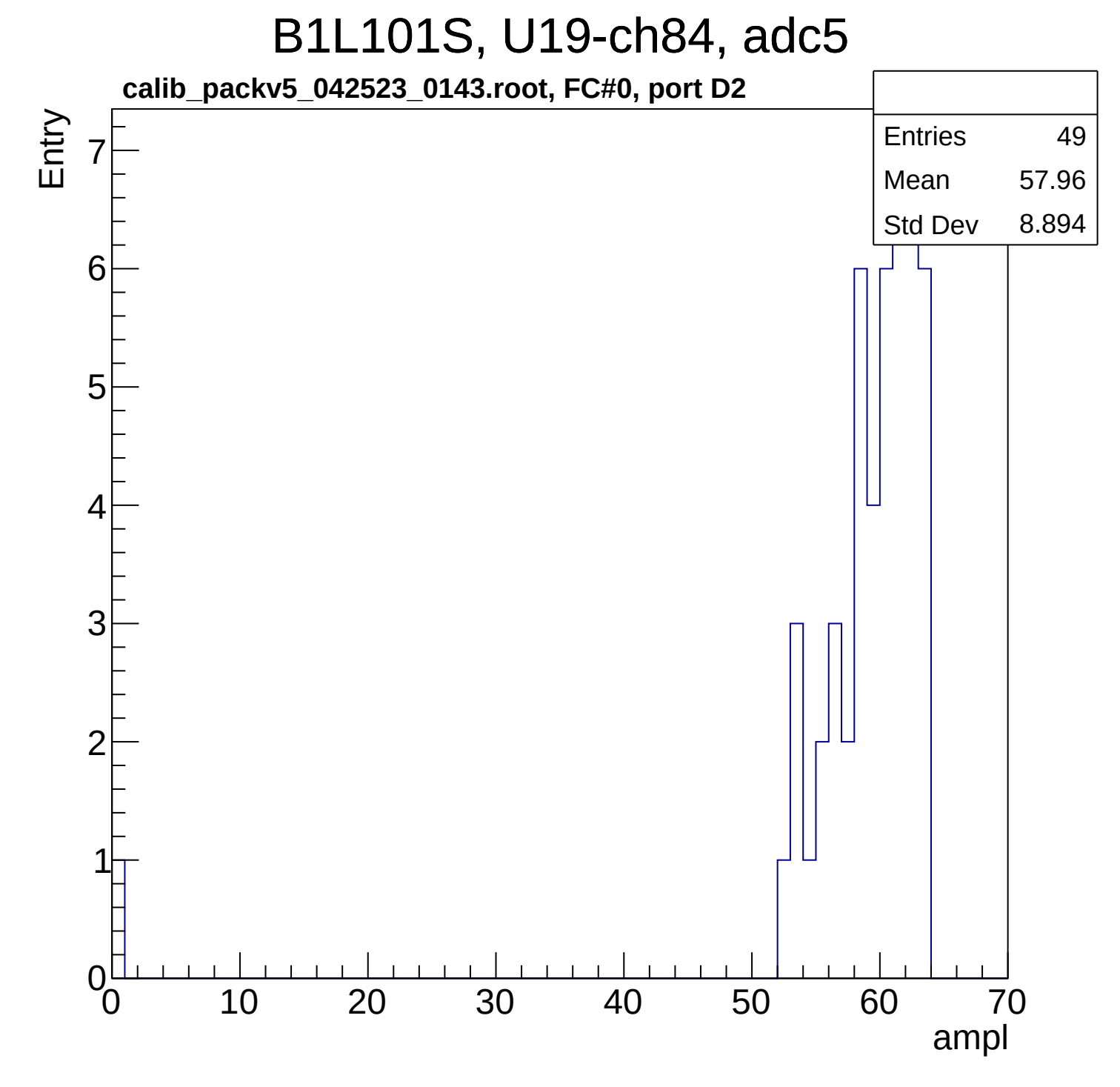
B1L101S, U19-ch84, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 57.96
Std Dev 8.894
Entry
ampl
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3
4
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6
7
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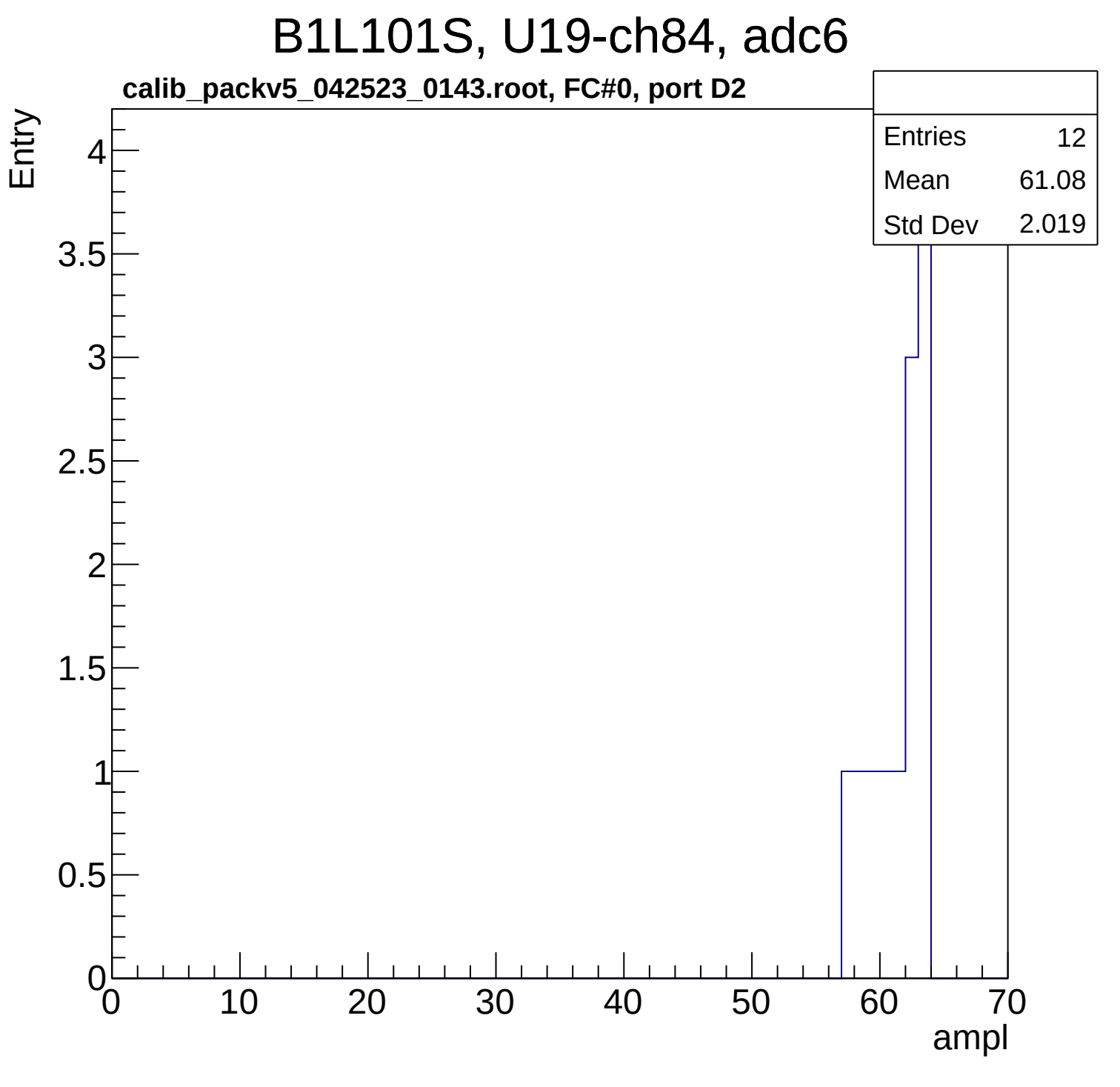
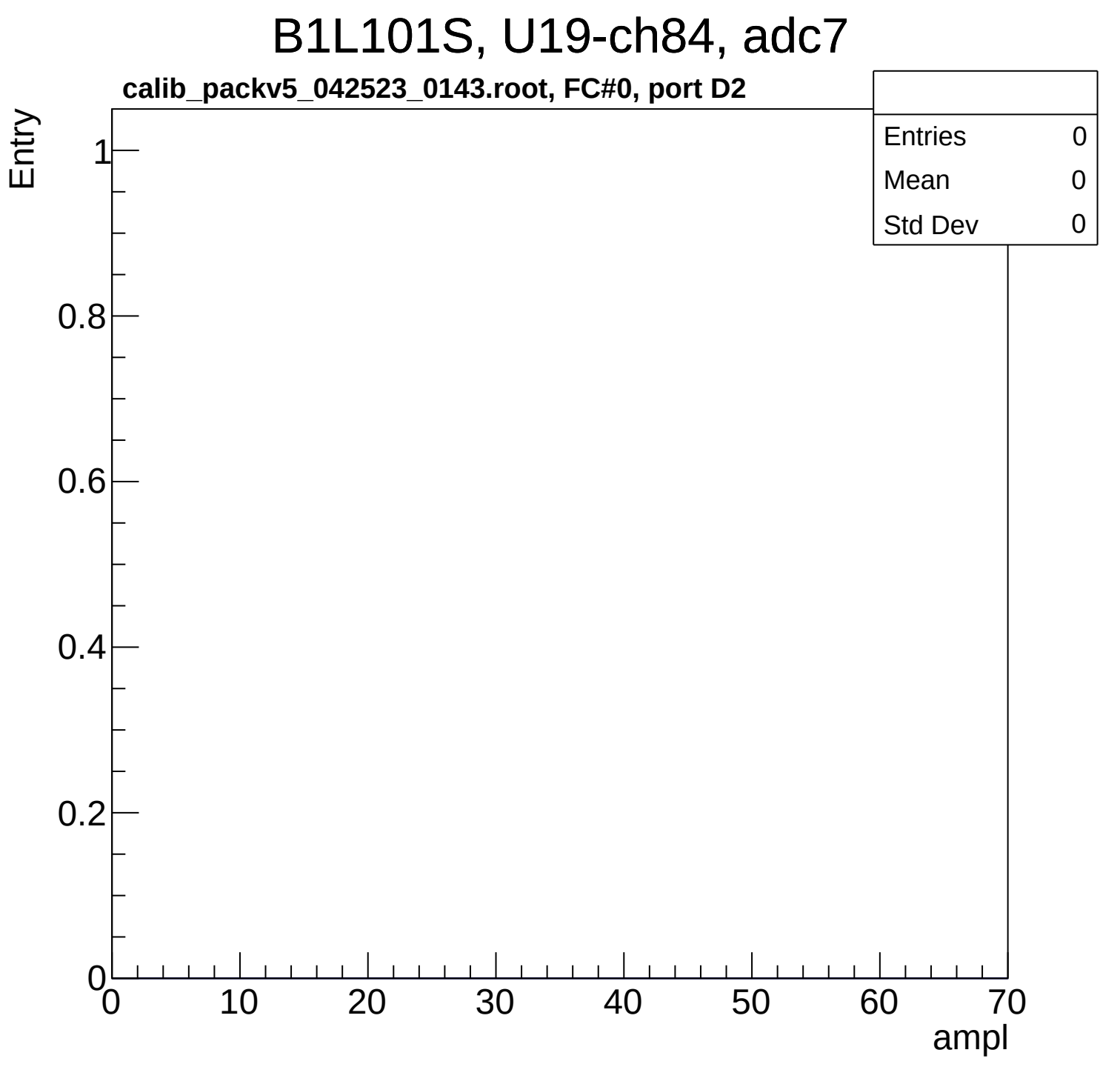

B1L101S, U19-ch84, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 12
Mean 61.08
Std Dev 2.019
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch84, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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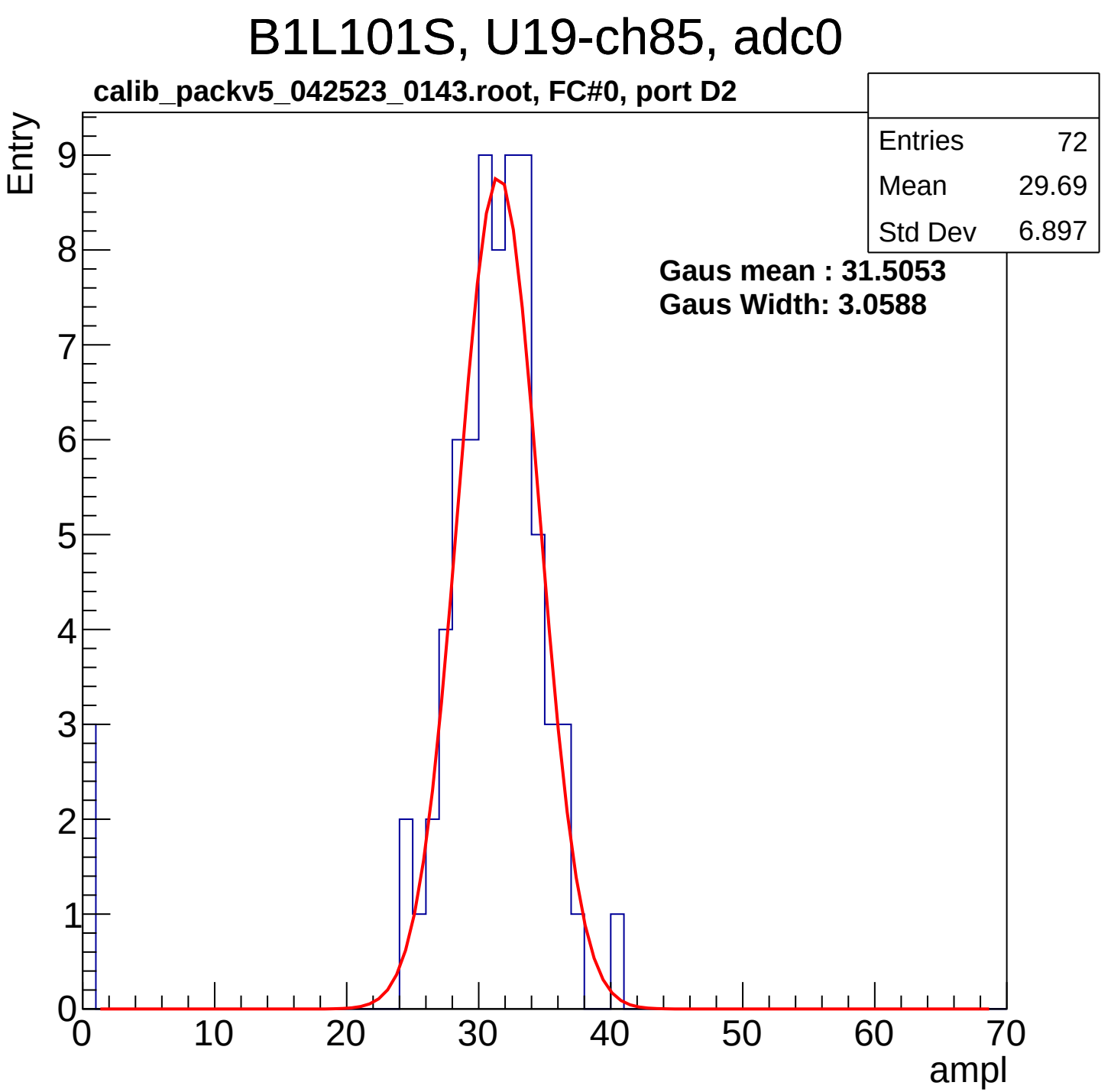
40
50
60
70
ampl


B1L101S, U19-ch85, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 29.69
Std Dev 6.897
Gaus mean : 31.5053
Gaus Width: 3.0588
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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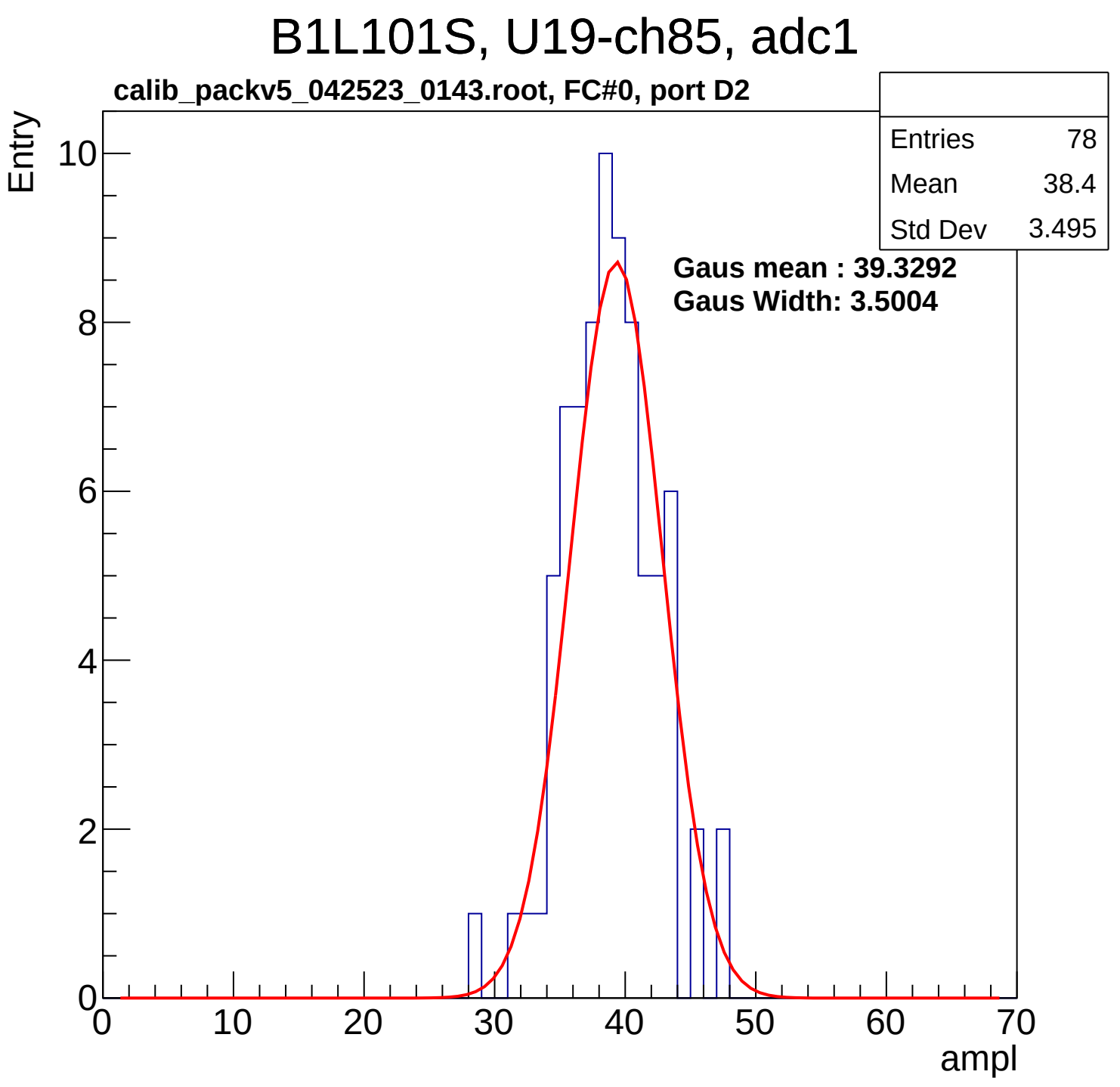
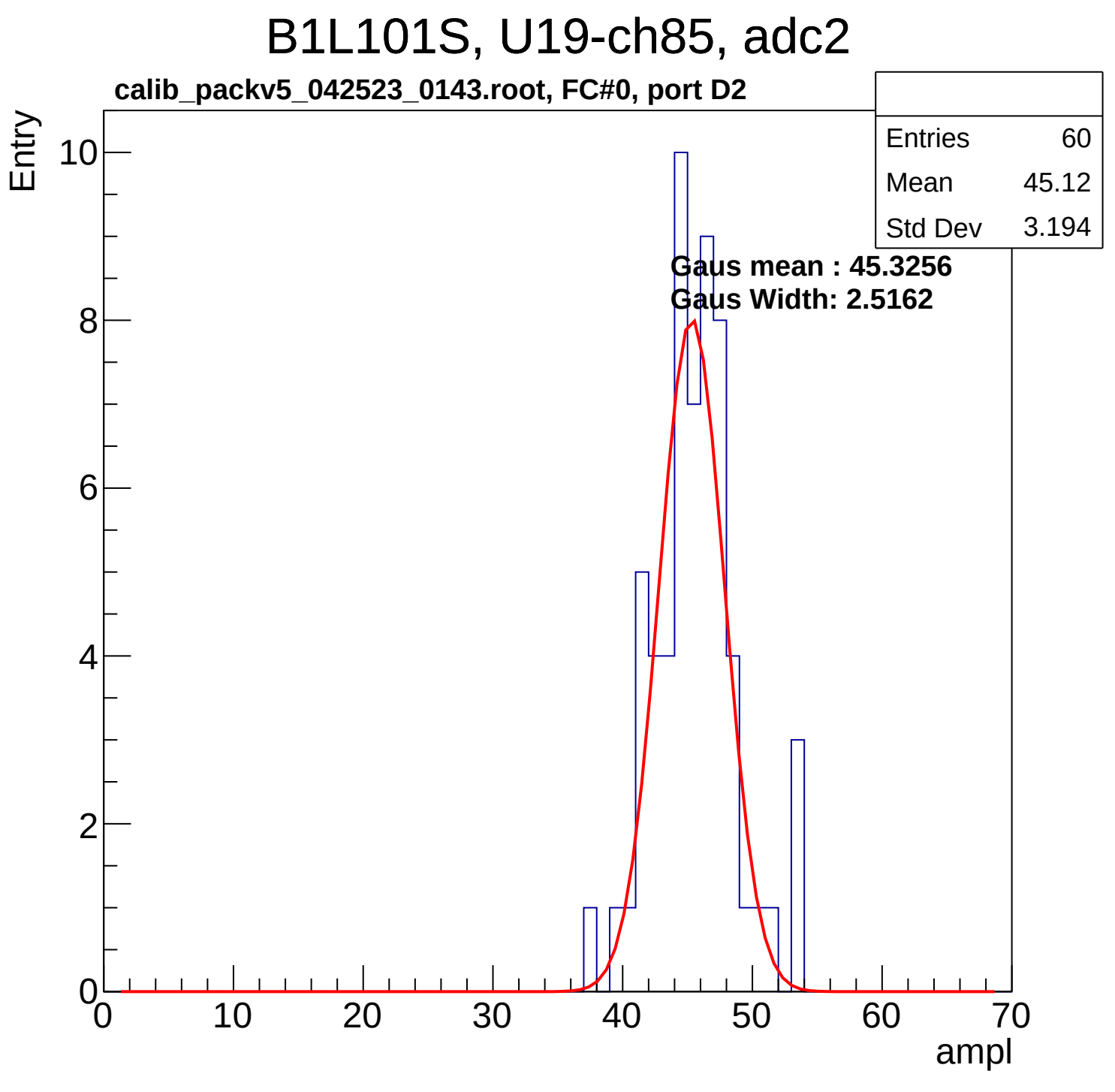
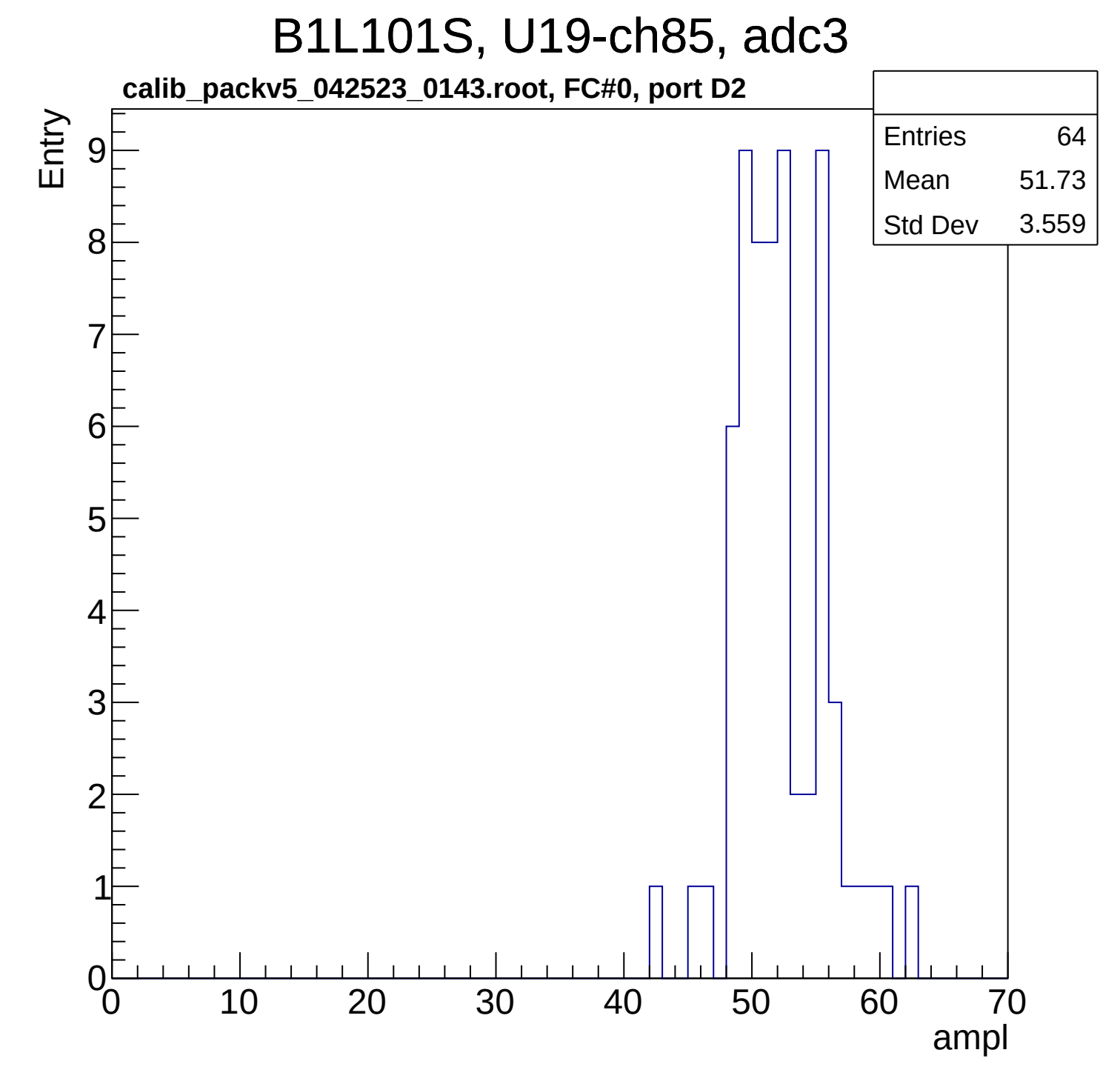

B1L101S, U19-ch85, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 38.4
Std Dev 3.495
Gaus mean : 39.3292
Gaus Width: 3.5004
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch85, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 45.12
Std Dev 3.194
Gaus mean : 45.3256
Gaus Width: 2.5162
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch85, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 51.73
Std Dev 3.559
Entry
ampl
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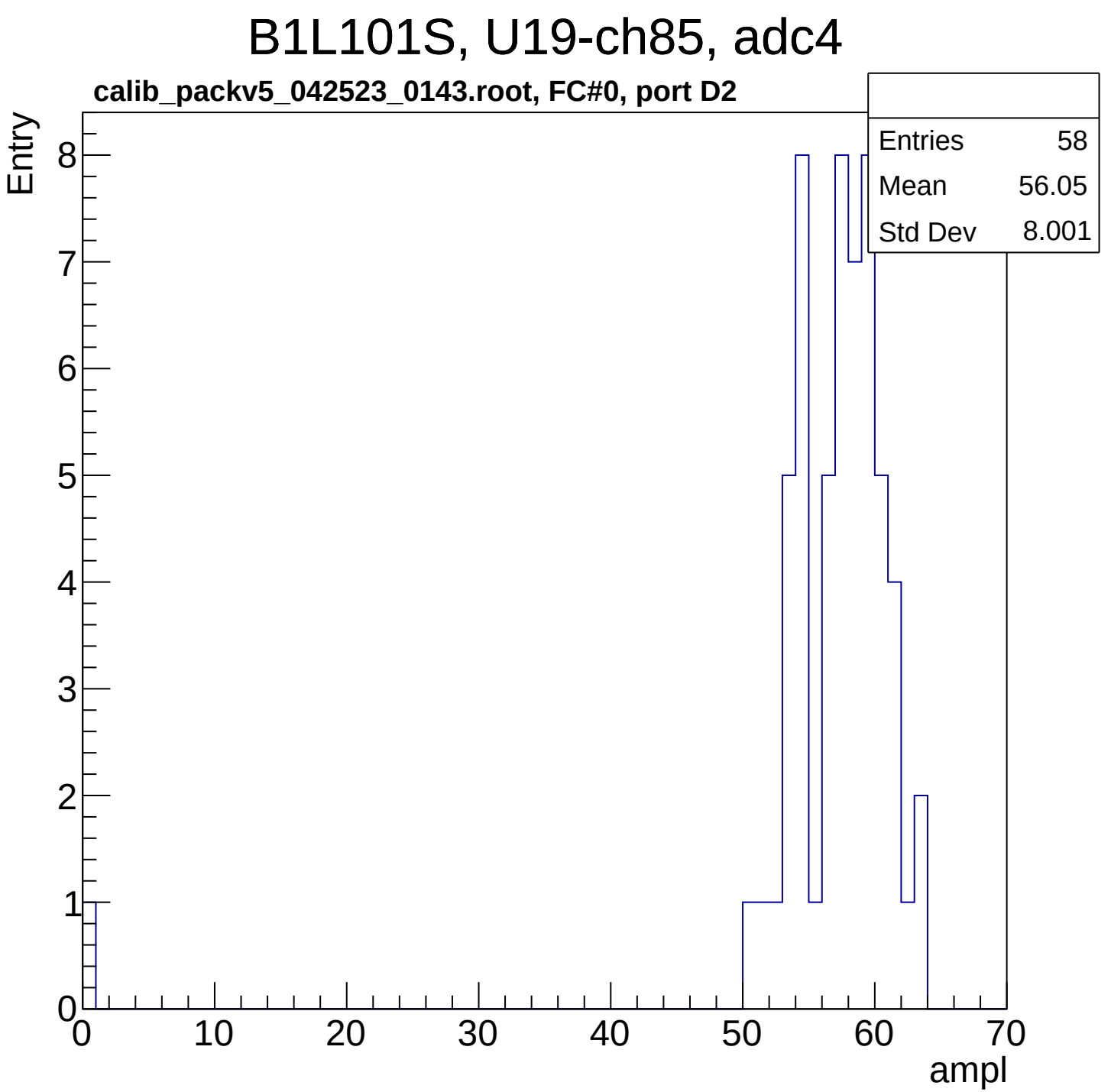
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch85, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 56.05
Std Dev 8.001
Entry
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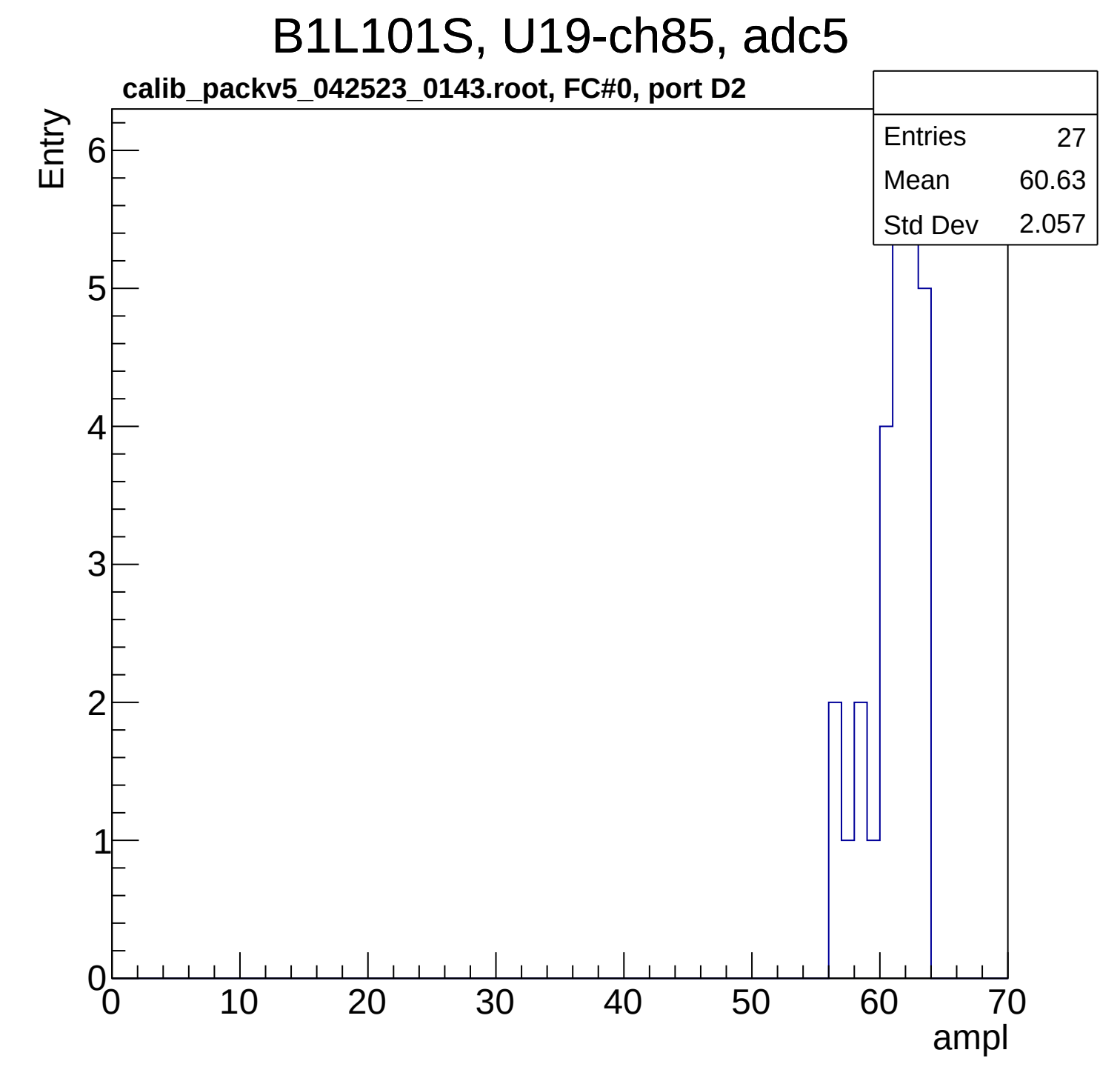
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch85, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 27
Mean 60.63
Std Dev 2.057
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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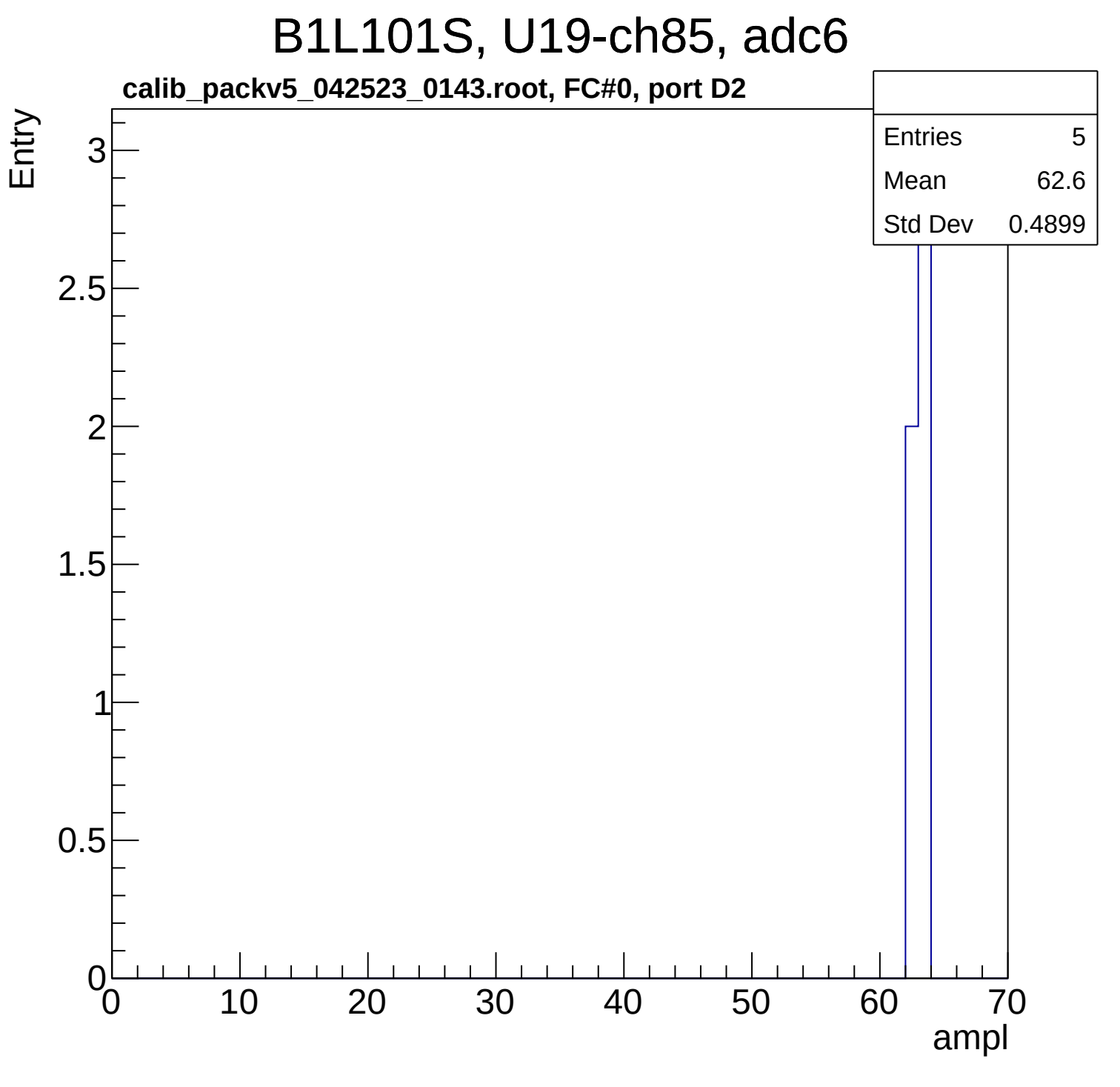
B1L101S, U19-ch85, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
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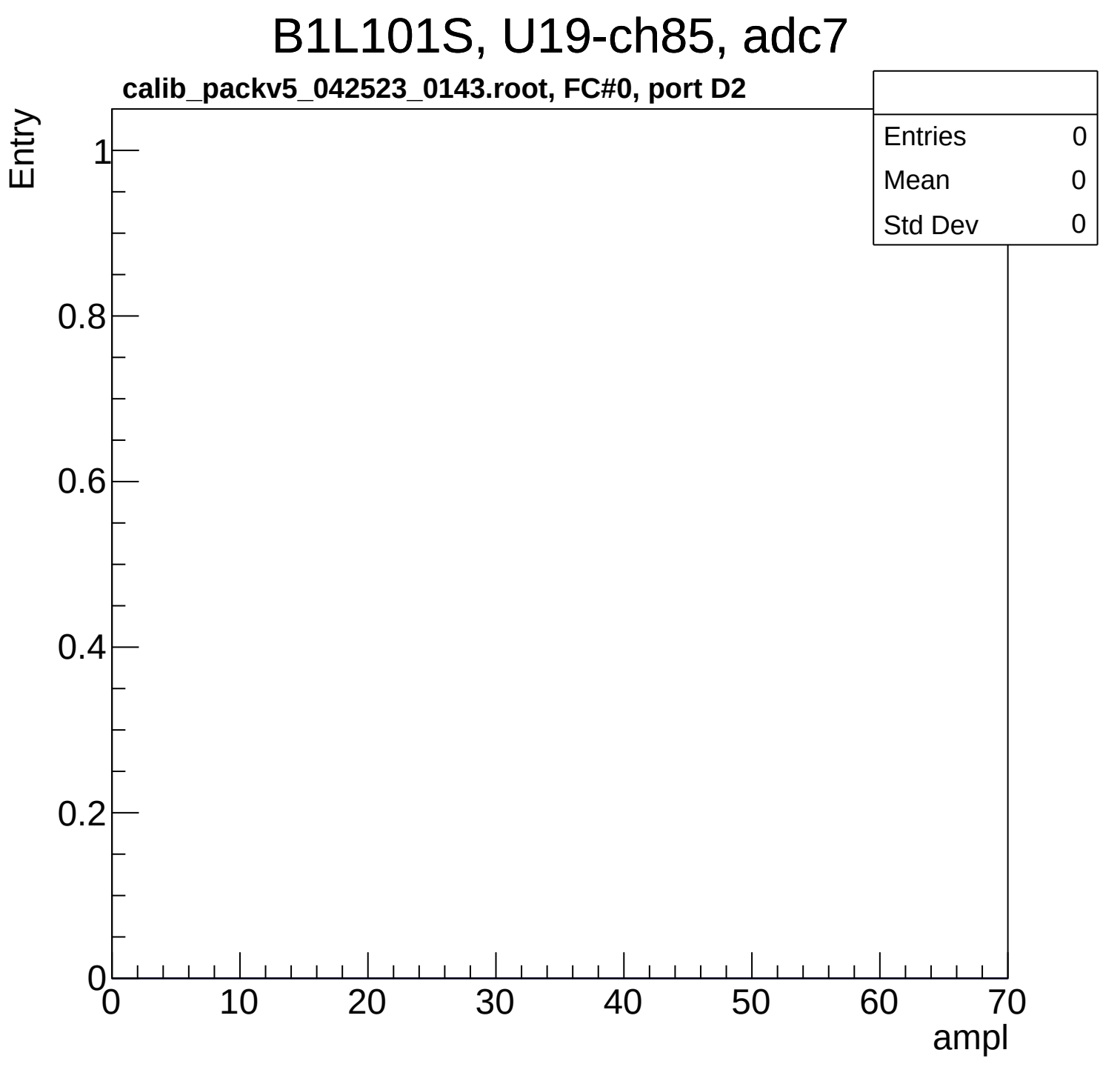
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch85, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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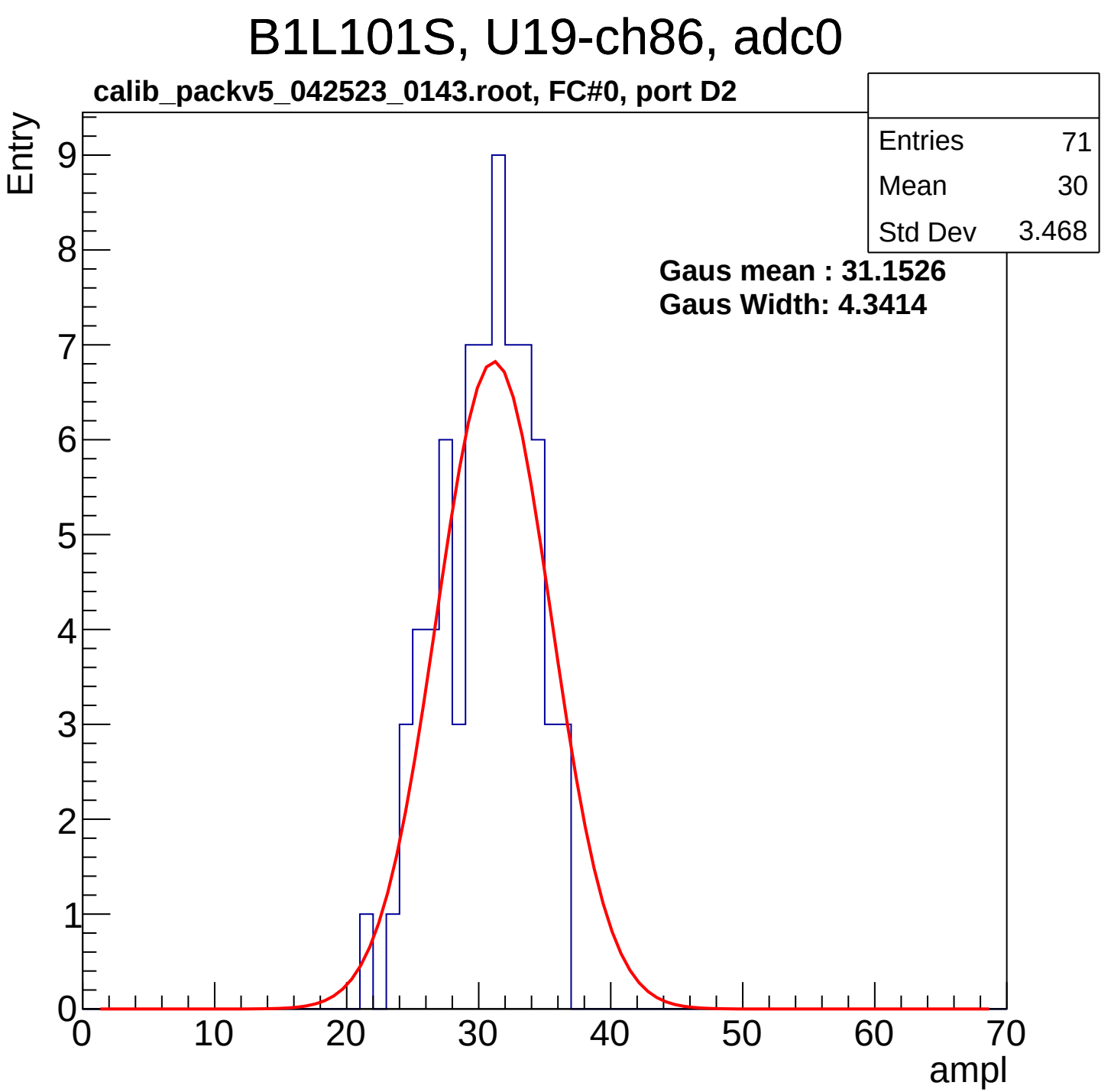
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch86, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 30
Std Dev 3.468
Gaus mean : 31.1526
Gaus Width: 4.3414
Entry
ampl
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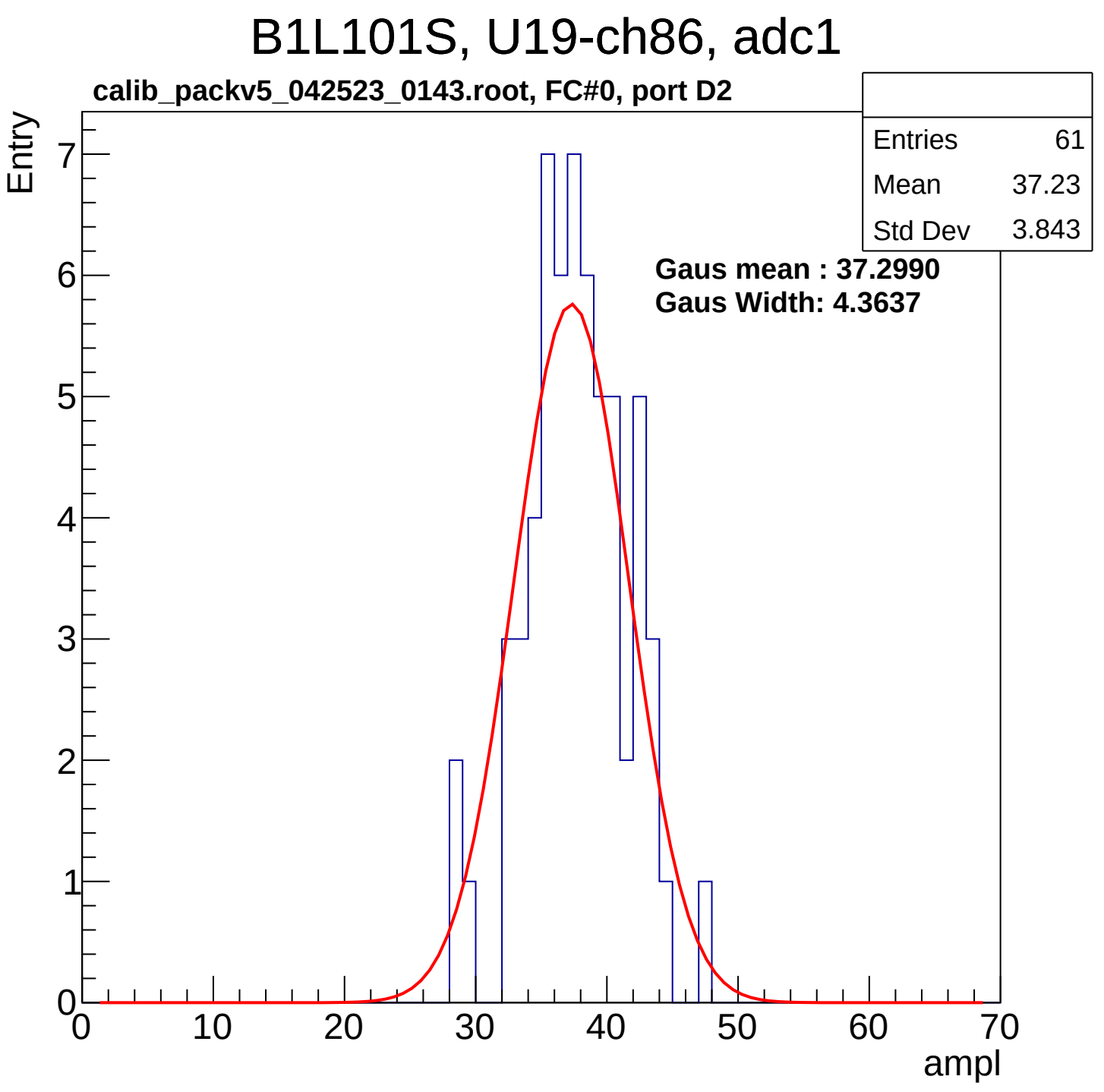
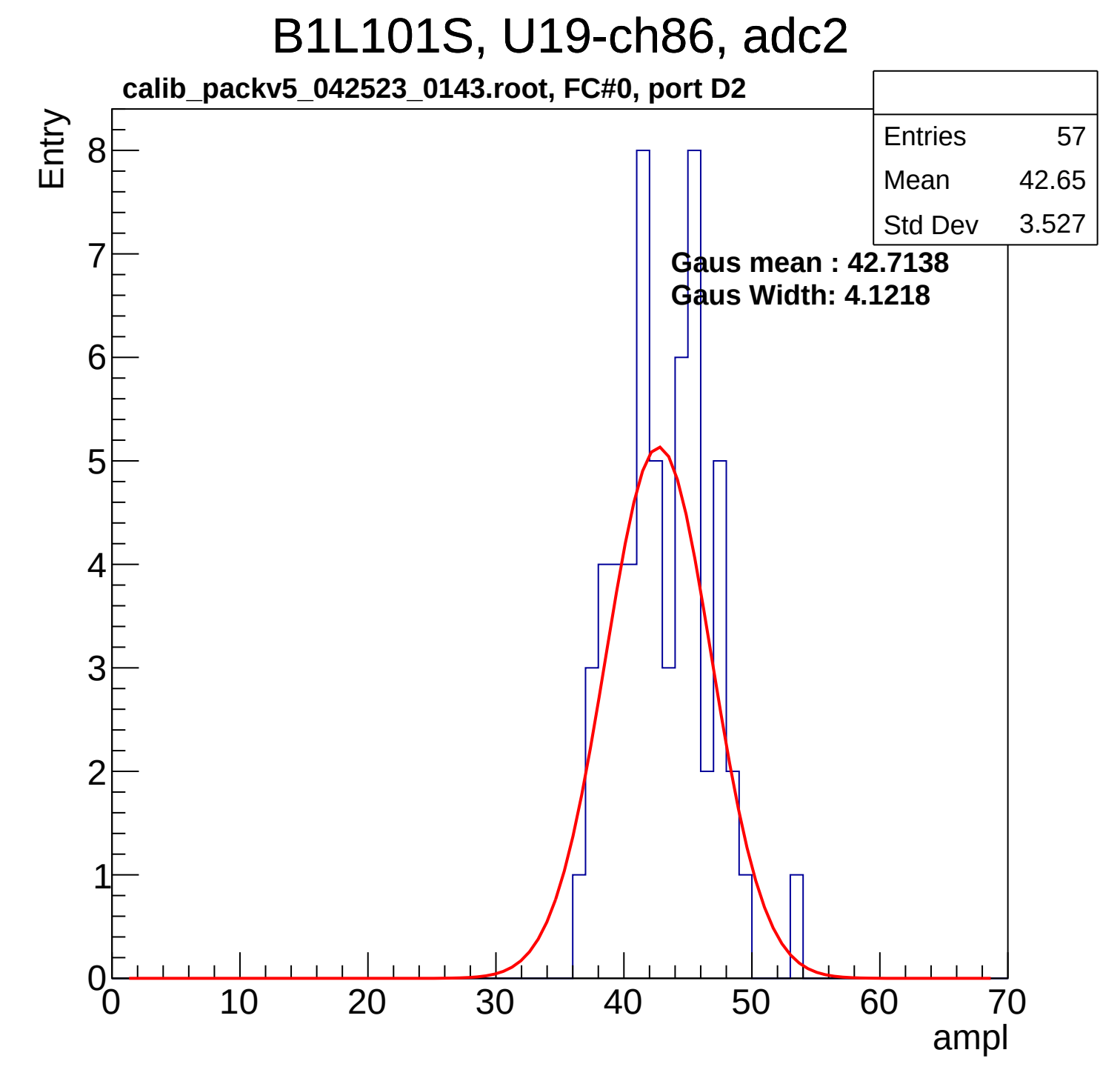
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch86, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 37.23
Std Dev 3.843
Gaus mean : 37.2990
Gaus Width: 4.3637
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch86, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 42.65
Std Dev 3.527
Gaus mean : 42.7138
Gaus Width: 4.1218
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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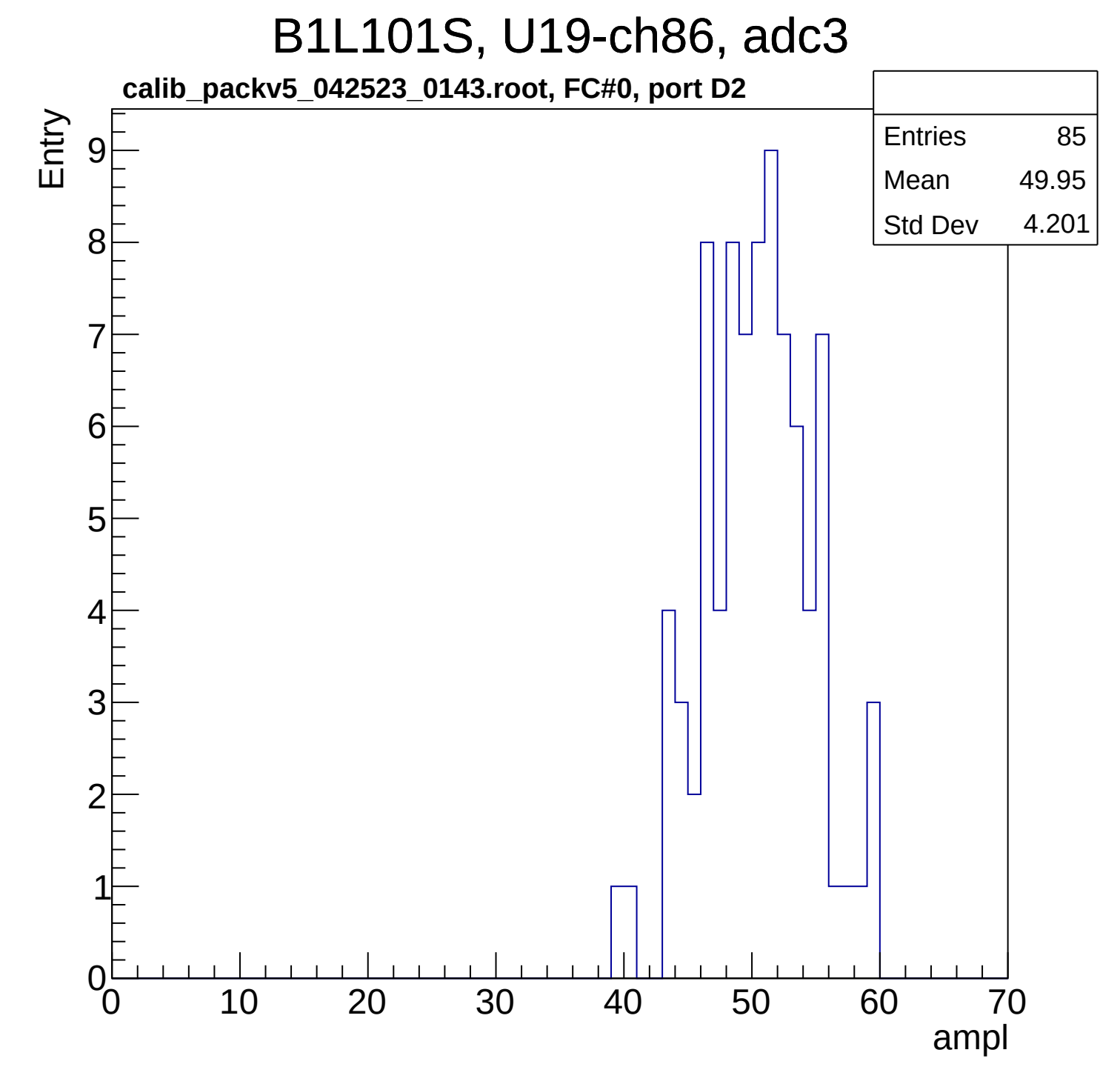
B1L101S, U19-ch86, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 49.95
Std Dev 4.201
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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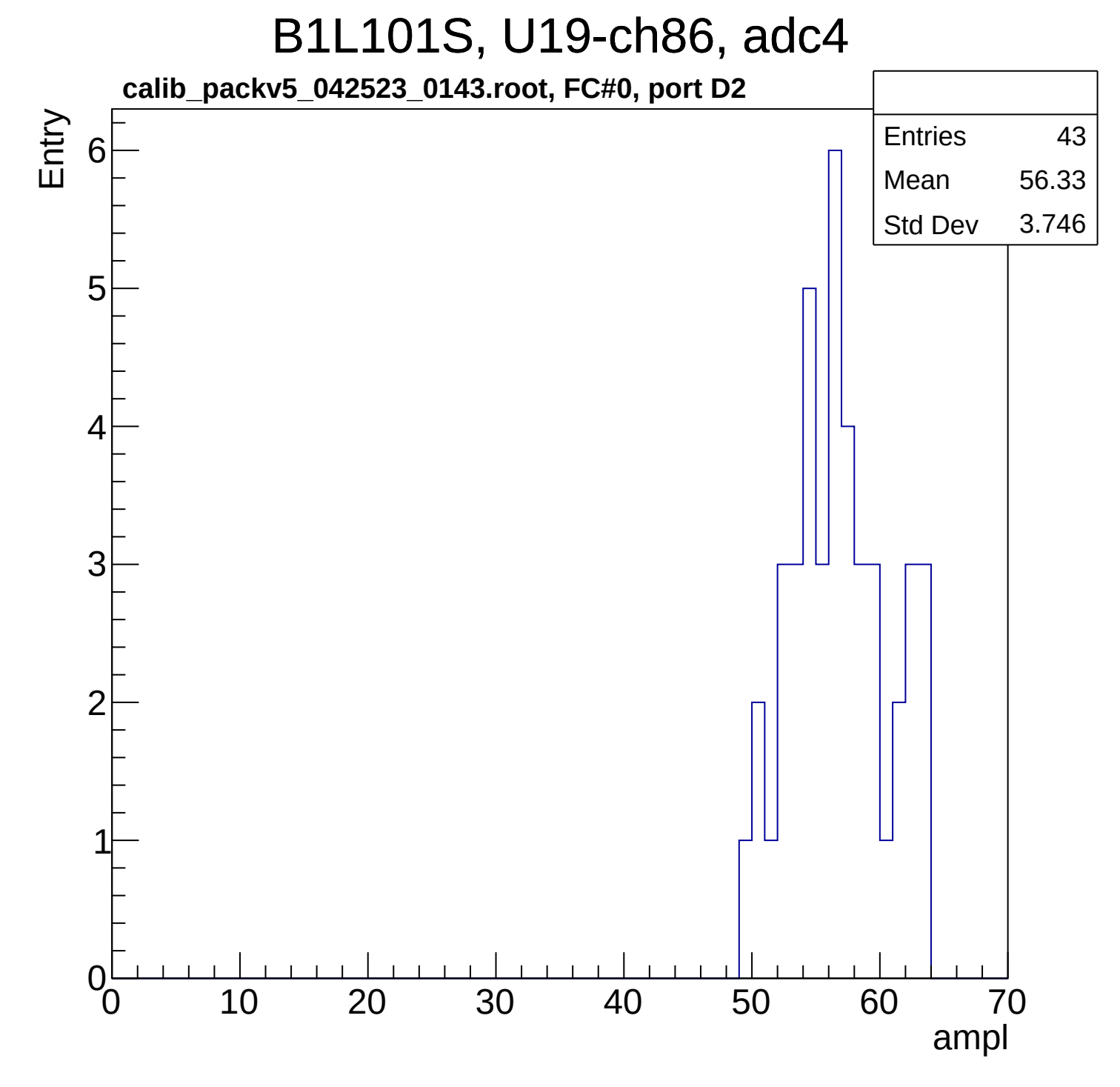
B1L101S, U19-ch86, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 56.33
Std Dev 3.746
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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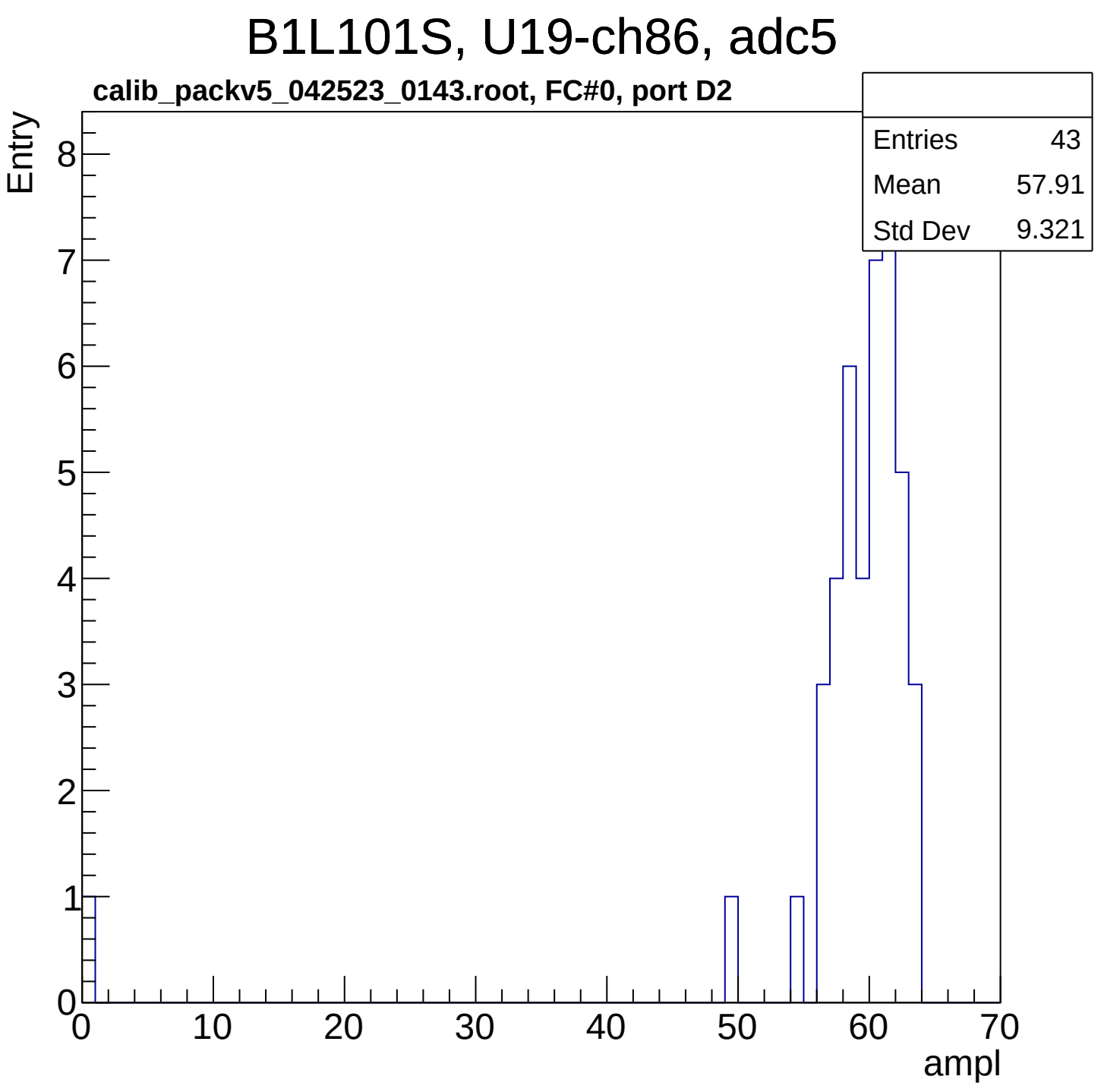
B1L101S, U19-ch86, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 57.91
Std Dev 9.321
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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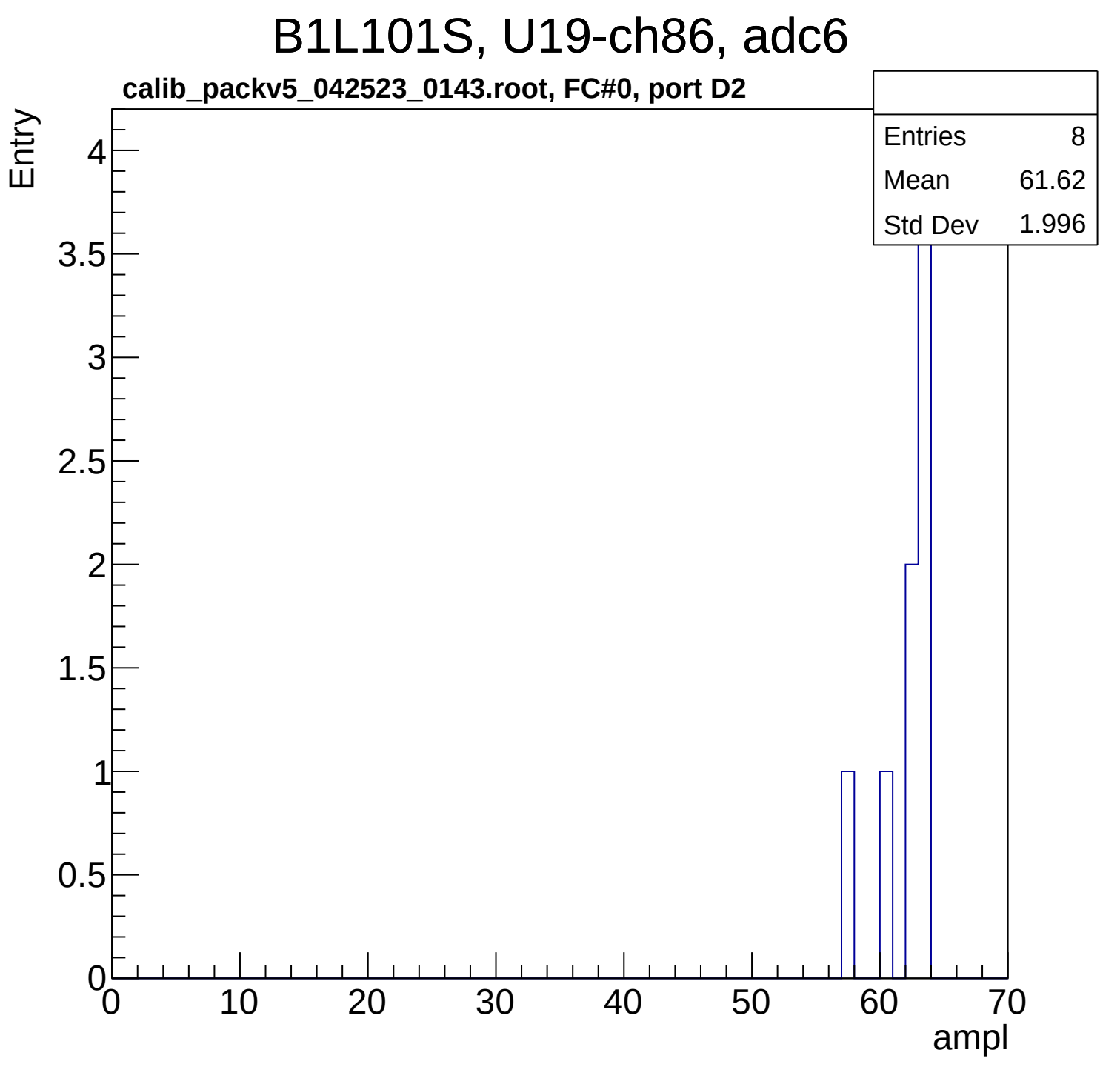
B1L101S, U19-ch86, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 61.62
Std Dev 1.996
Entry
ampl
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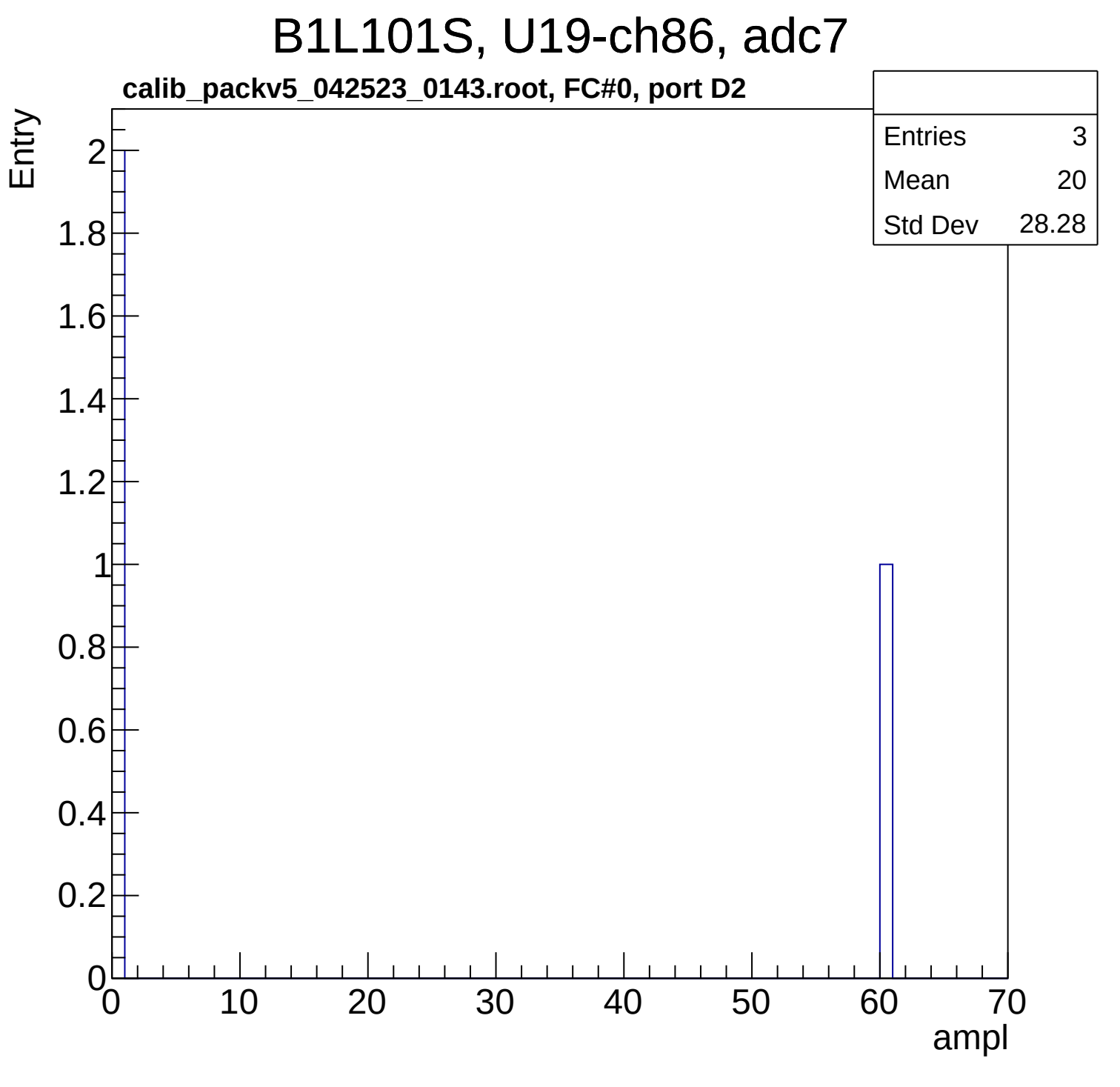
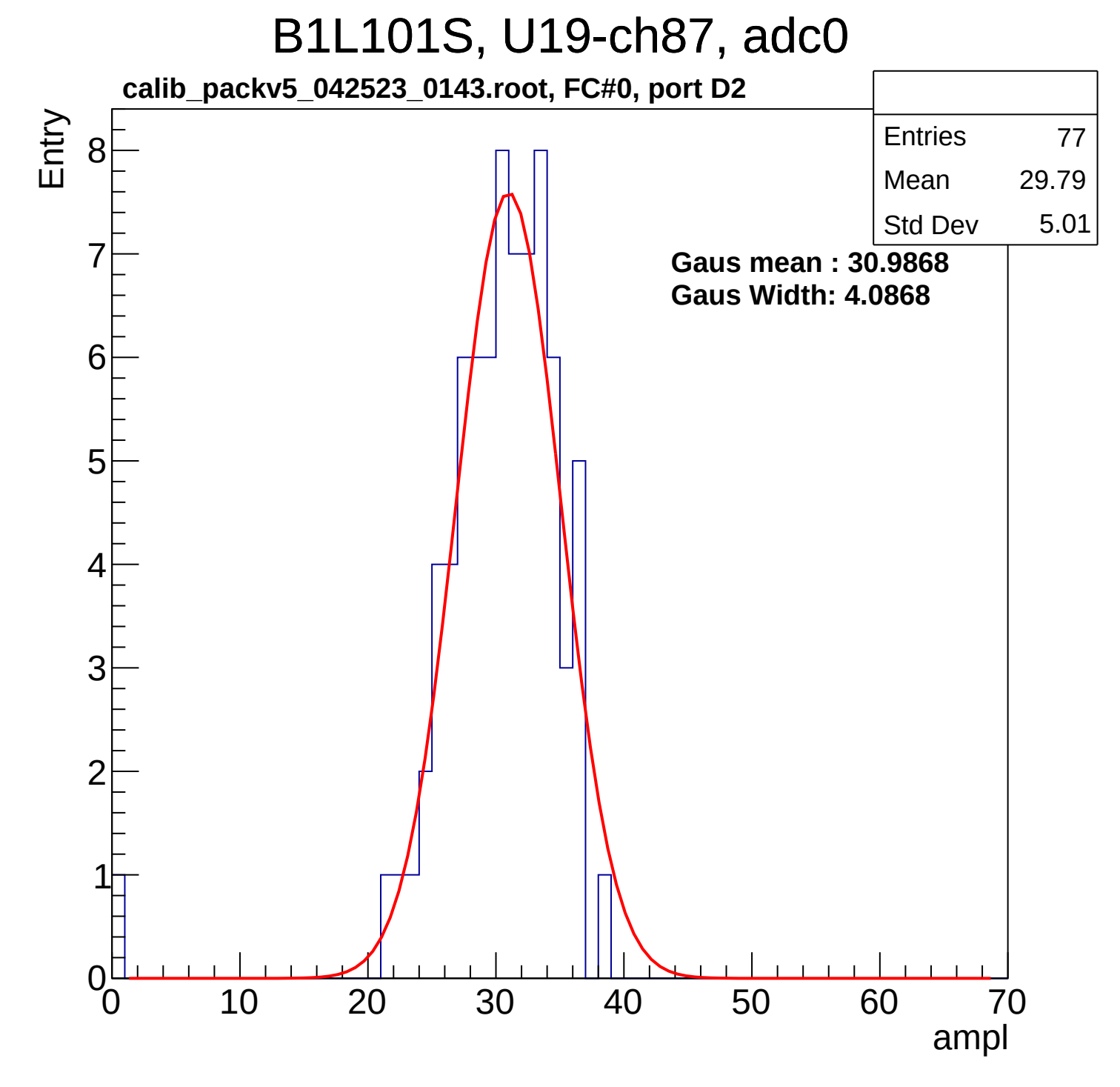
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch86, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 20
Std Dev 28.28
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch87, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 29.79
Std Dev 5.01
Gaus mean : 30.9868
Gaus Width: 4.0868
Entry
ampl
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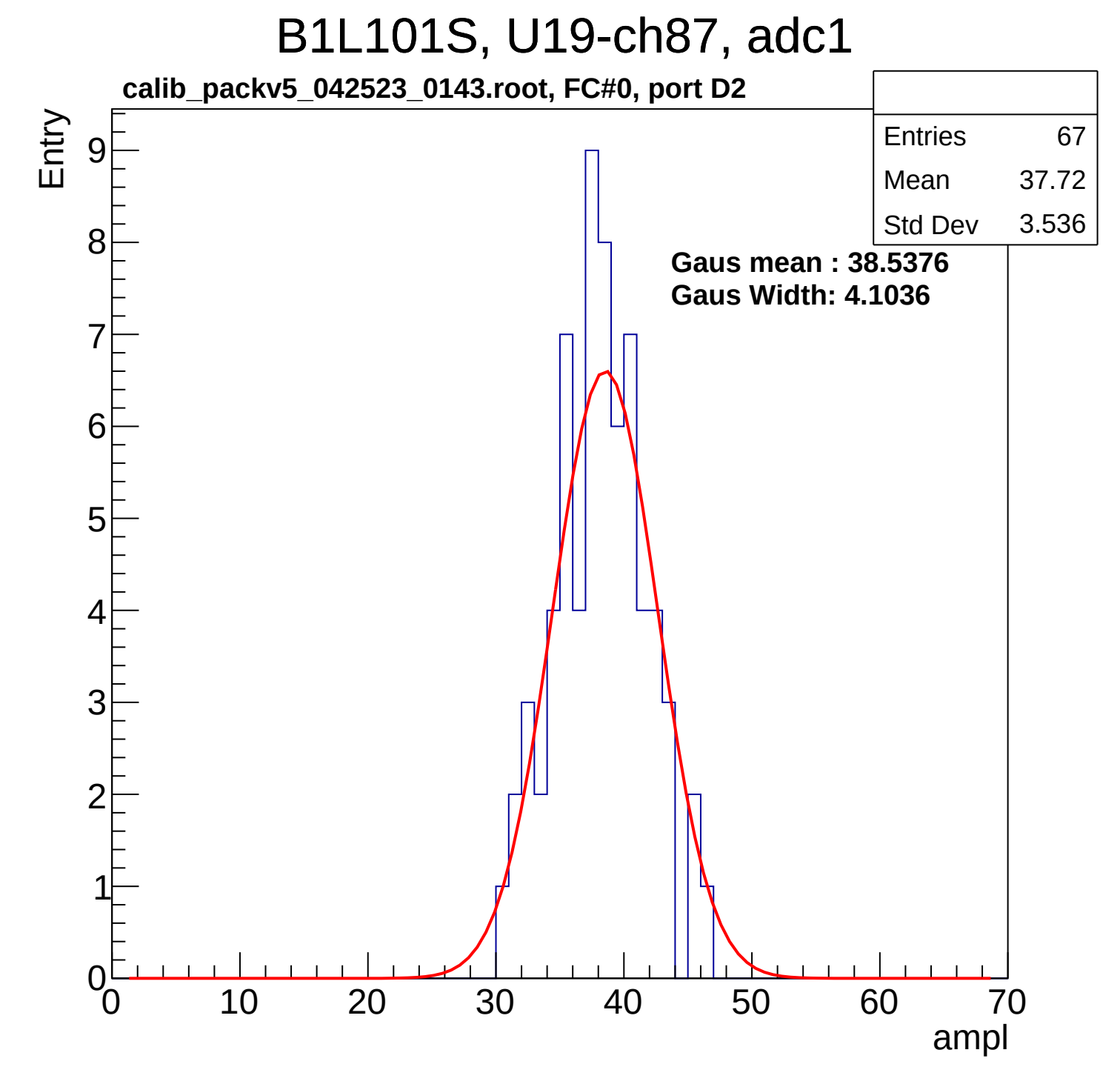
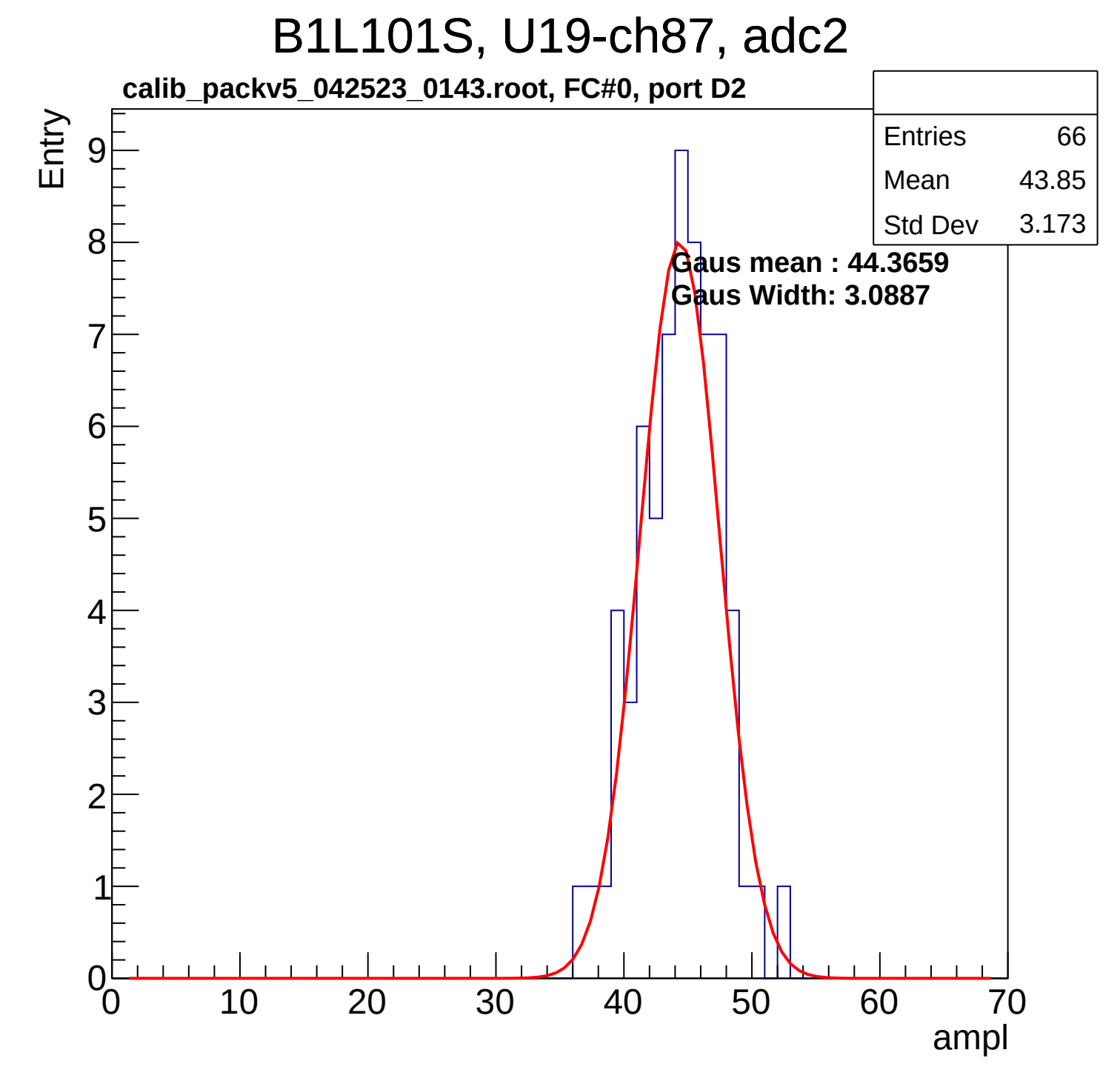
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch87, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 37.72
Std Dev 3.536
Gaus mean : 38.5376
Gaus Width: 4.1036
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch87, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 43.85
Std Dev 3.173
Gaus mean : 44.3659
Gaus Width: 3.0887
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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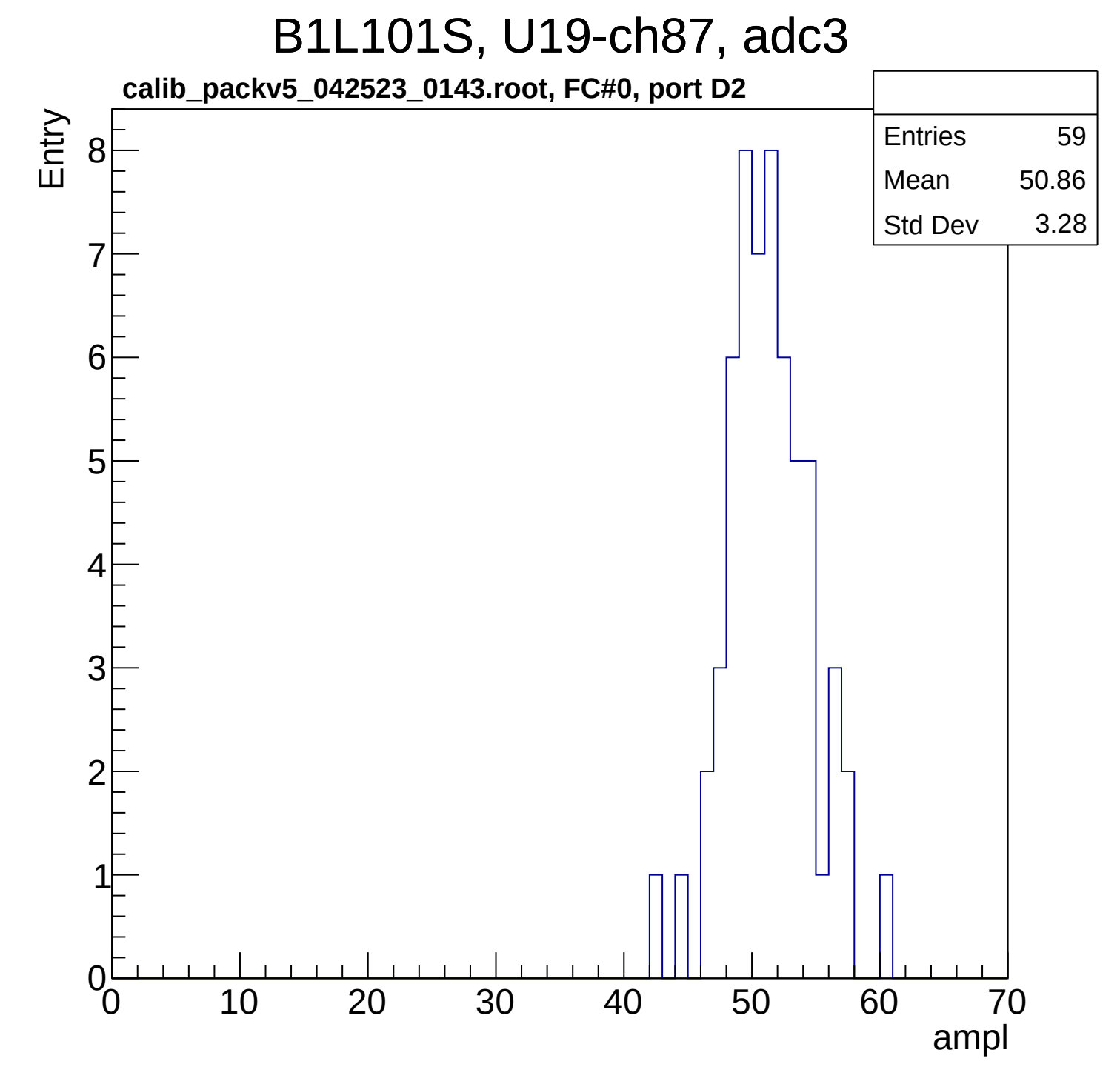
B1L101S, U19-ch87, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 50.86
Std Dev 3.28
Entry
ampl
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2
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4
5
6
7
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0
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40
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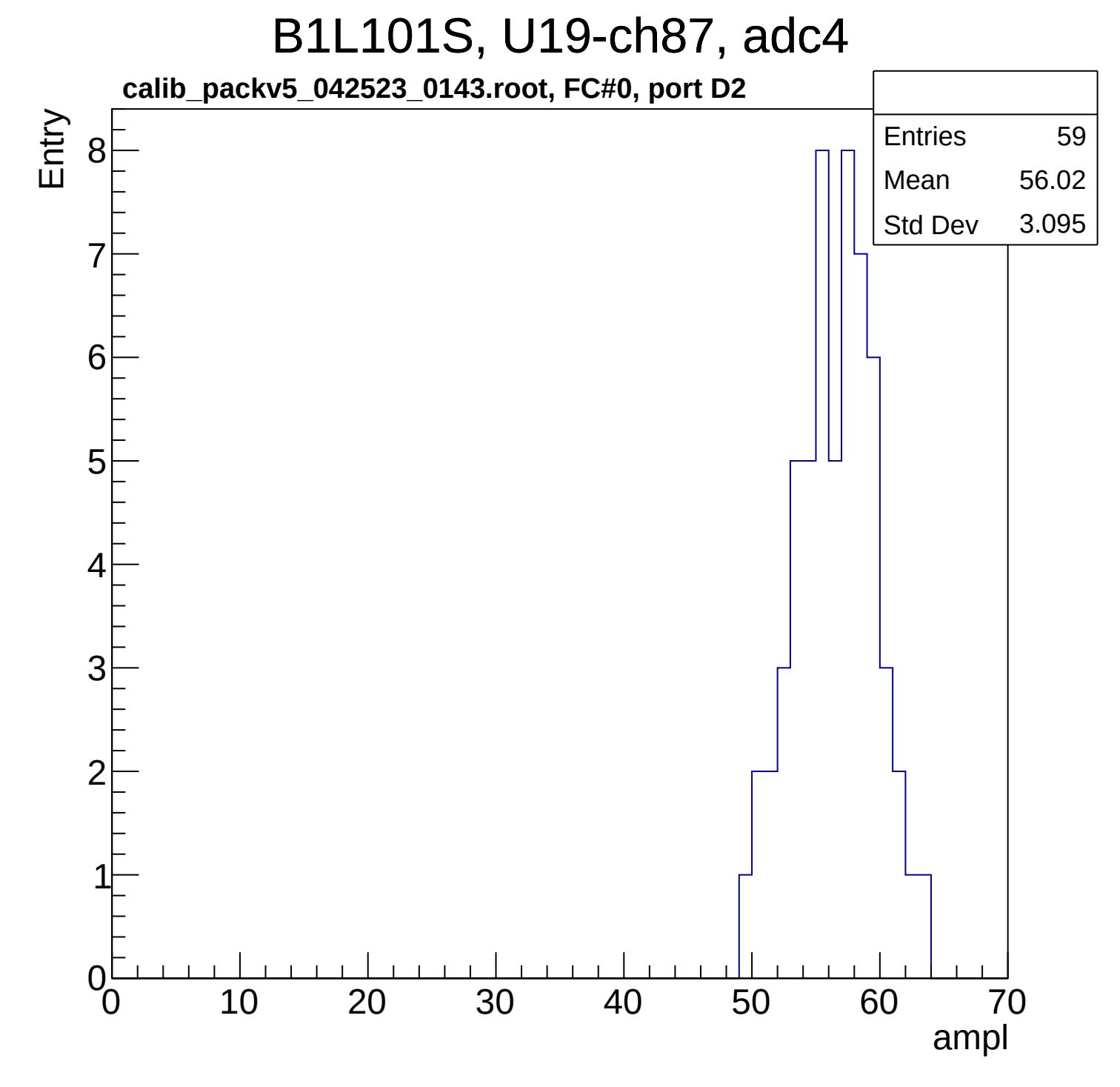
60
70


B1L101S, U19-ch87, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 56.02
Std Dev 3.095
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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20
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40
50
60
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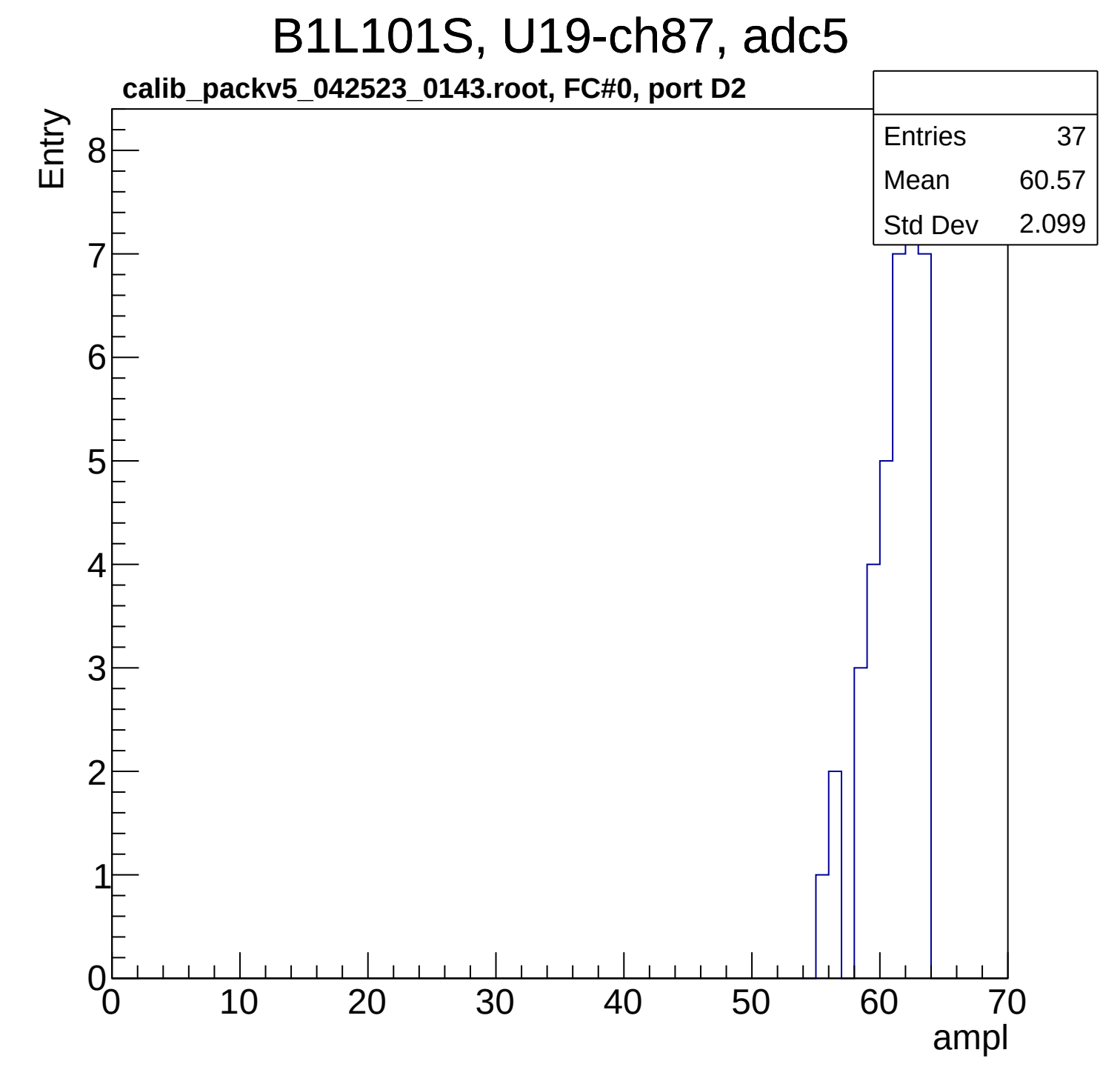
B1L101S, U19-ch87, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 60.57
Std Dev 2.099
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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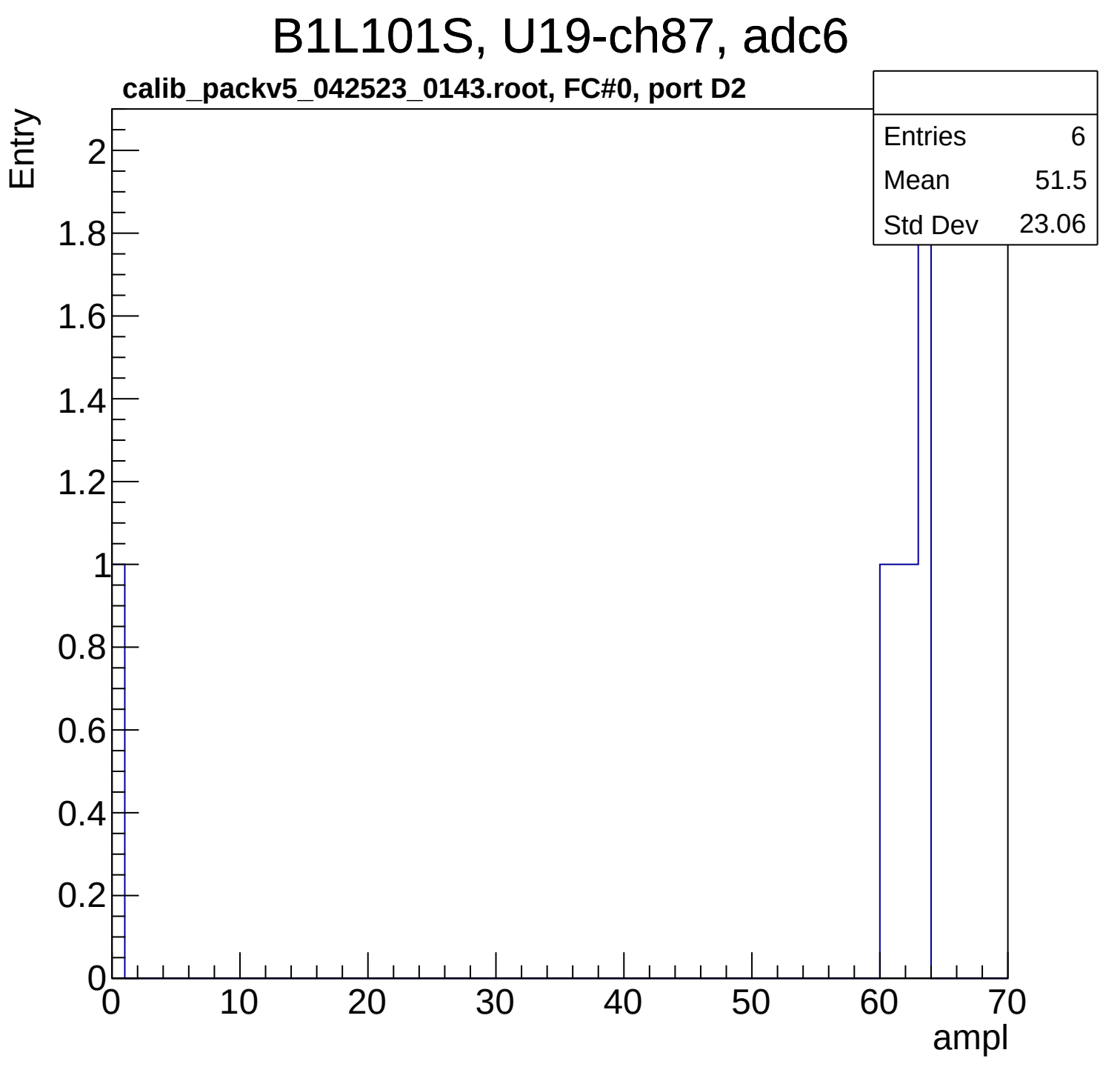
B1L101S, U19-ch87, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 51.5
Std Dev 23.06
Entry
ampl
0
0.2
0.4
0.6
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1.4
1.6
1.8
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0
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40
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60
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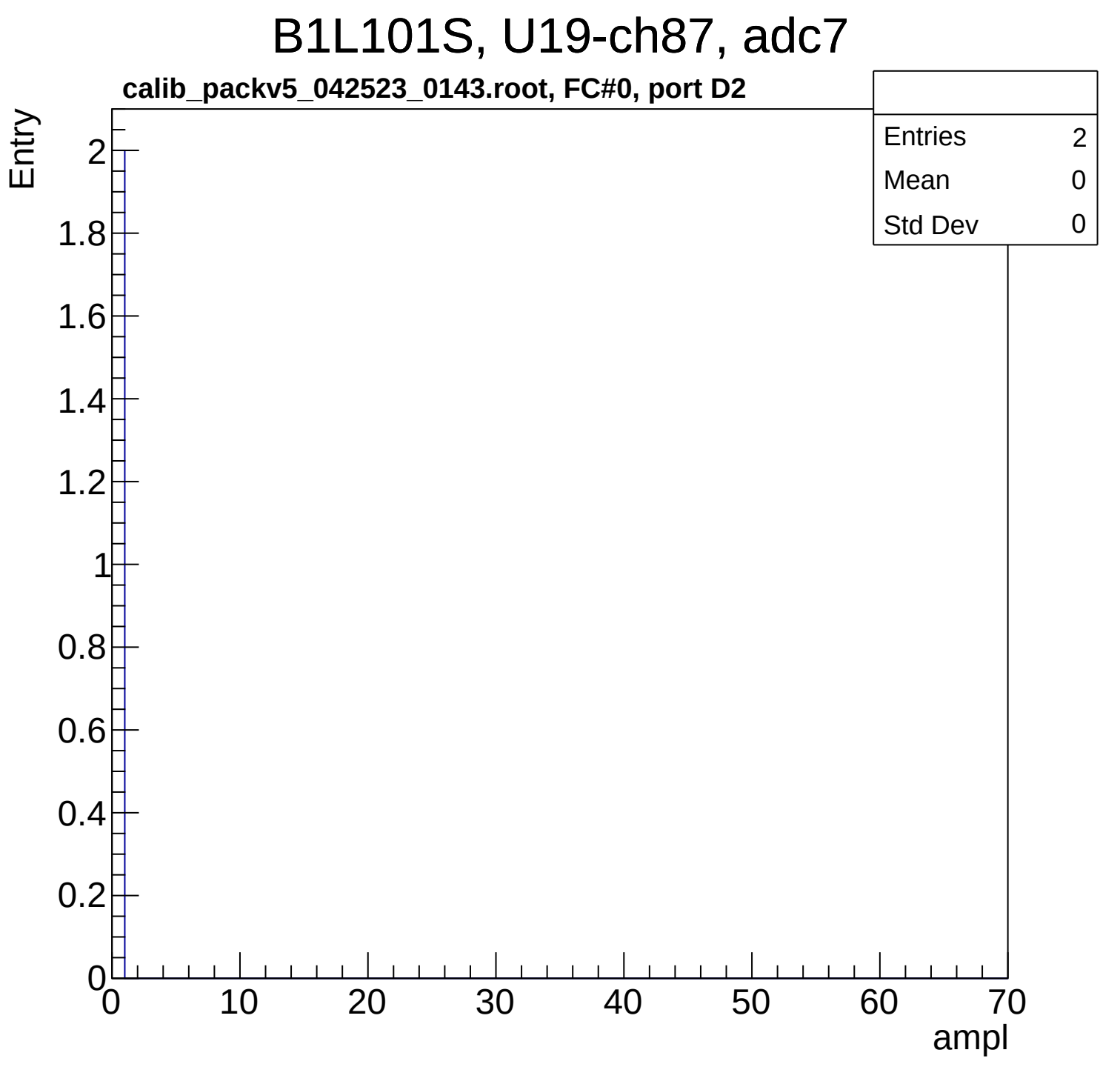
B1L101S, U19-ch87, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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0
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60
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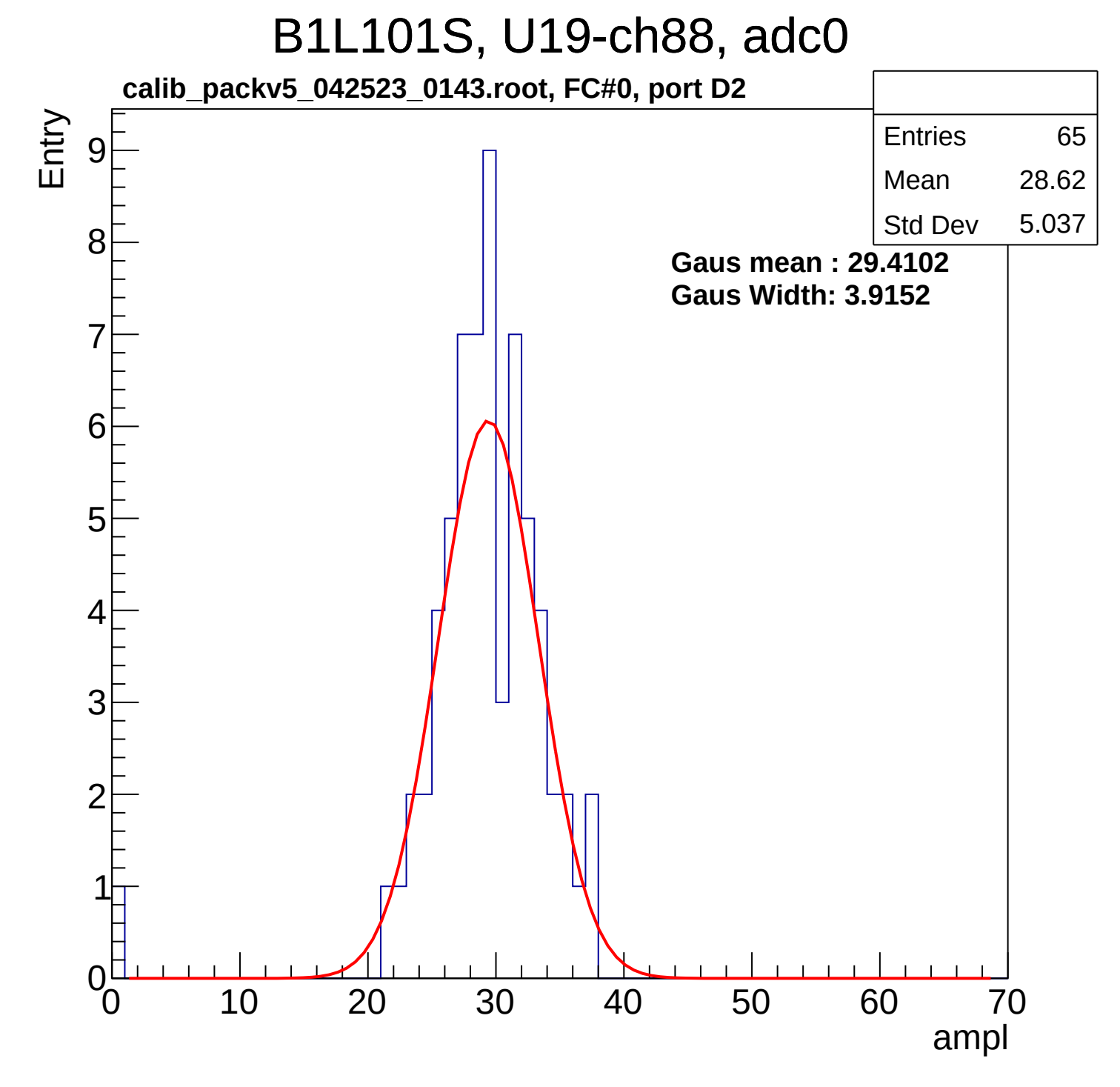
B1L101S, U19-ch88, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 28.62
Std Dev 5.037
Gaus mean : 29.4102
Gaus Width: 3.9152
Entry
ampl
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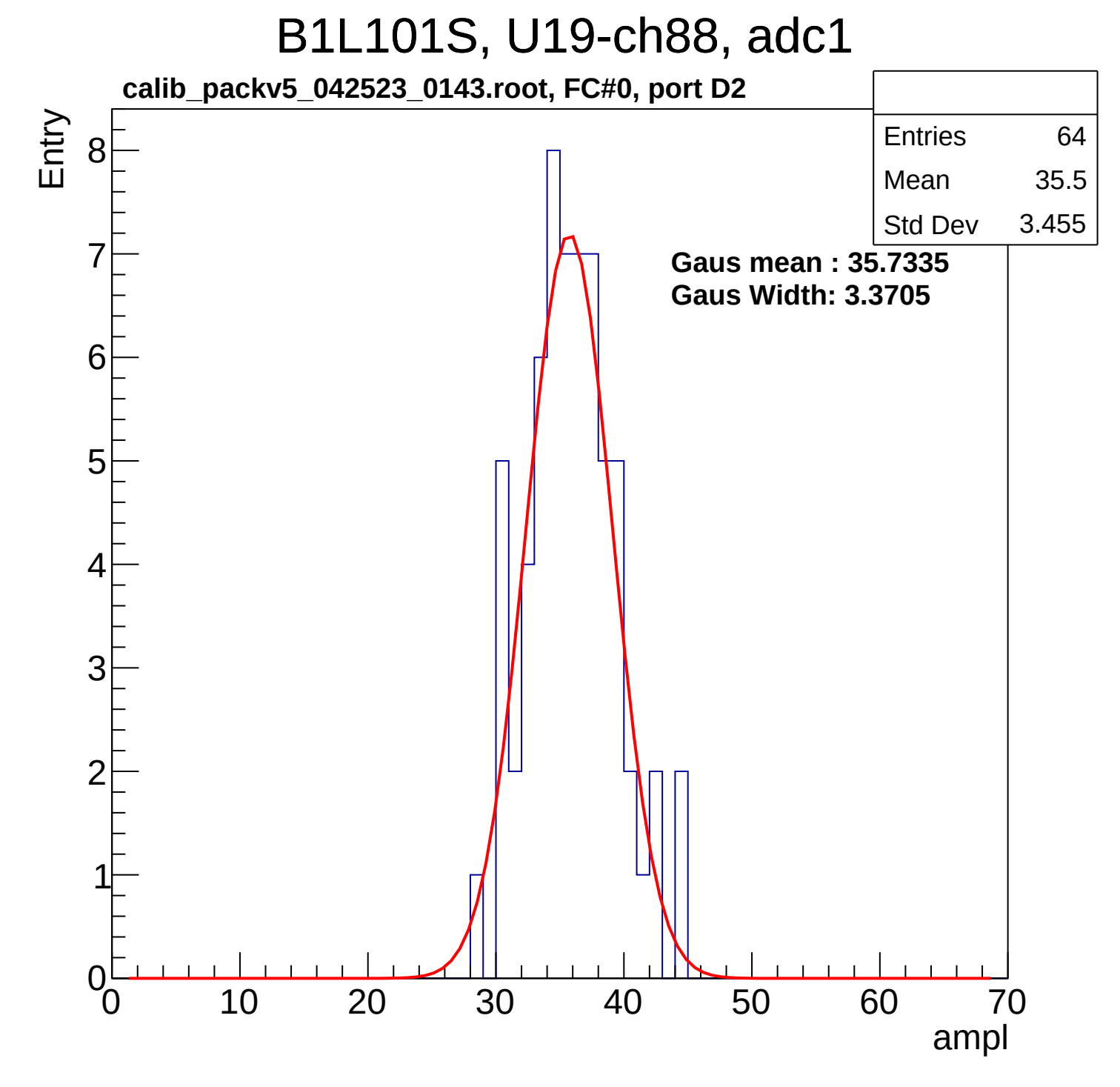
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch88, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 35.5
Std Dev 3.455
Gaus mean : 35.7335
Gaus Width: 3.3705
Entry
ampl
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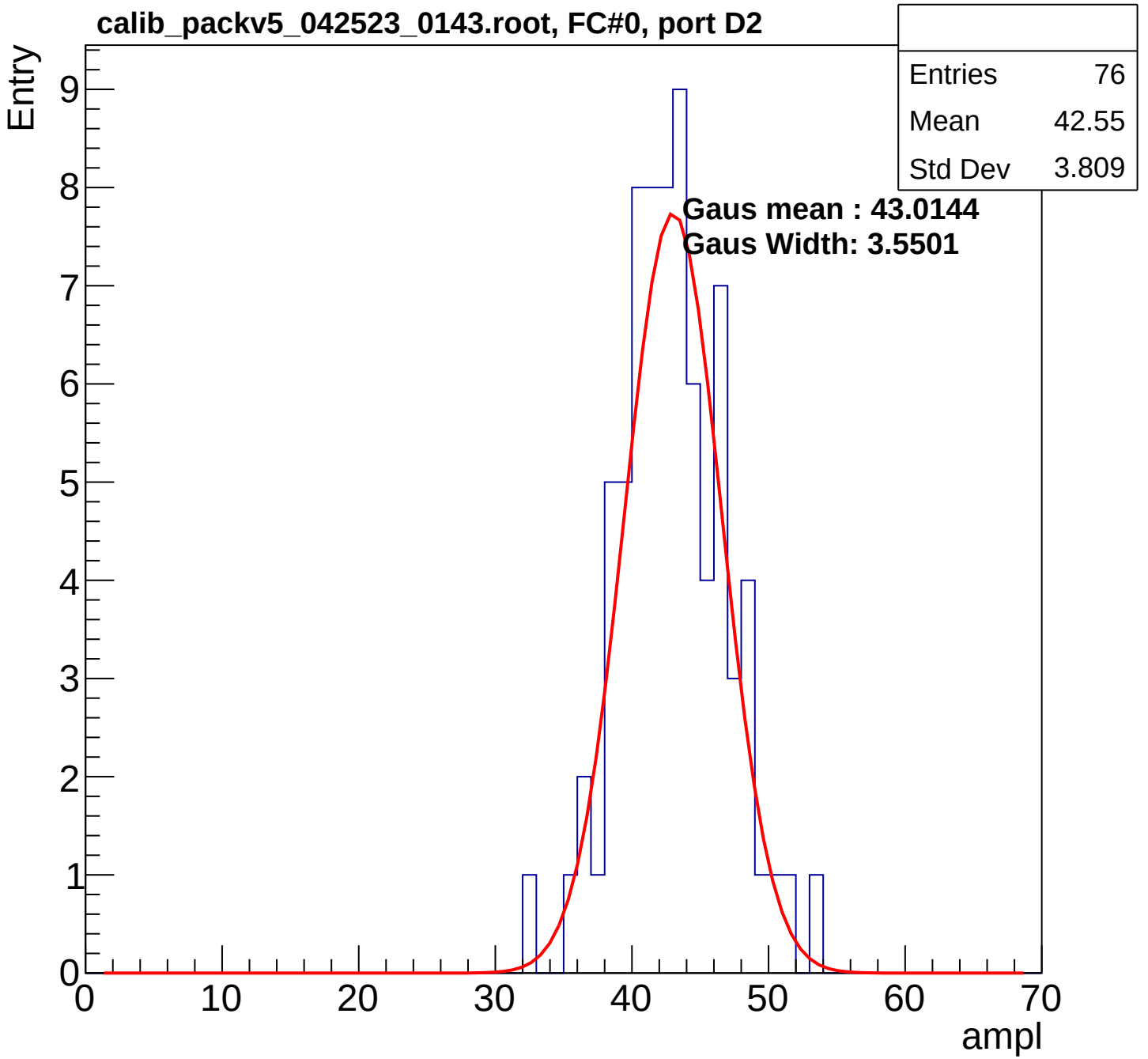
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch88, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 42.55
Std Dev 3.809
Gaus mean : 43.0144
Gaus Width: 3.5501
Entry
ampl
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2
3
4
5
6
7
8
9
0
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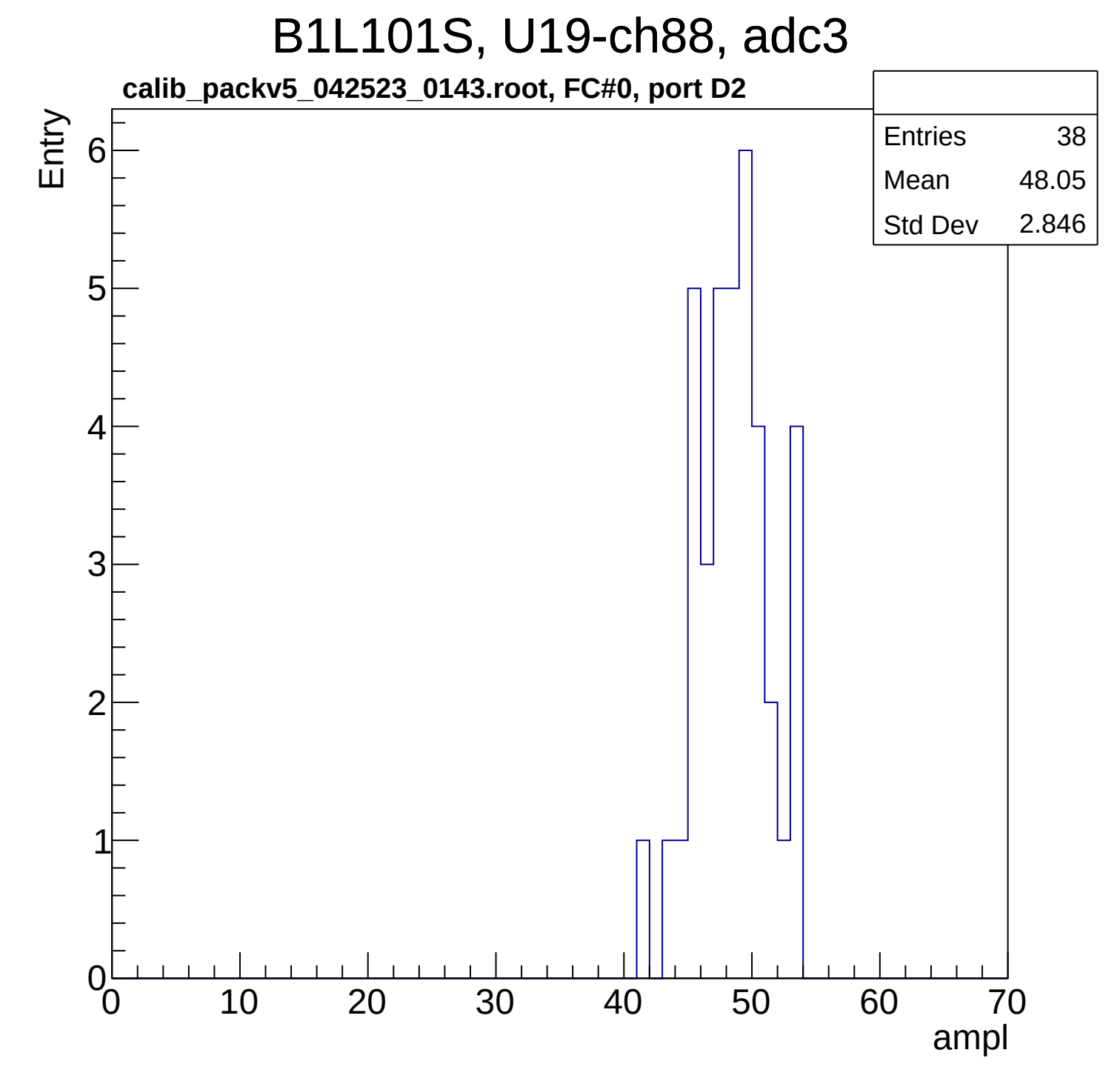
B1L101S, U19-ch88, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 48.05
Std Dev 2.846
Entry
ampl
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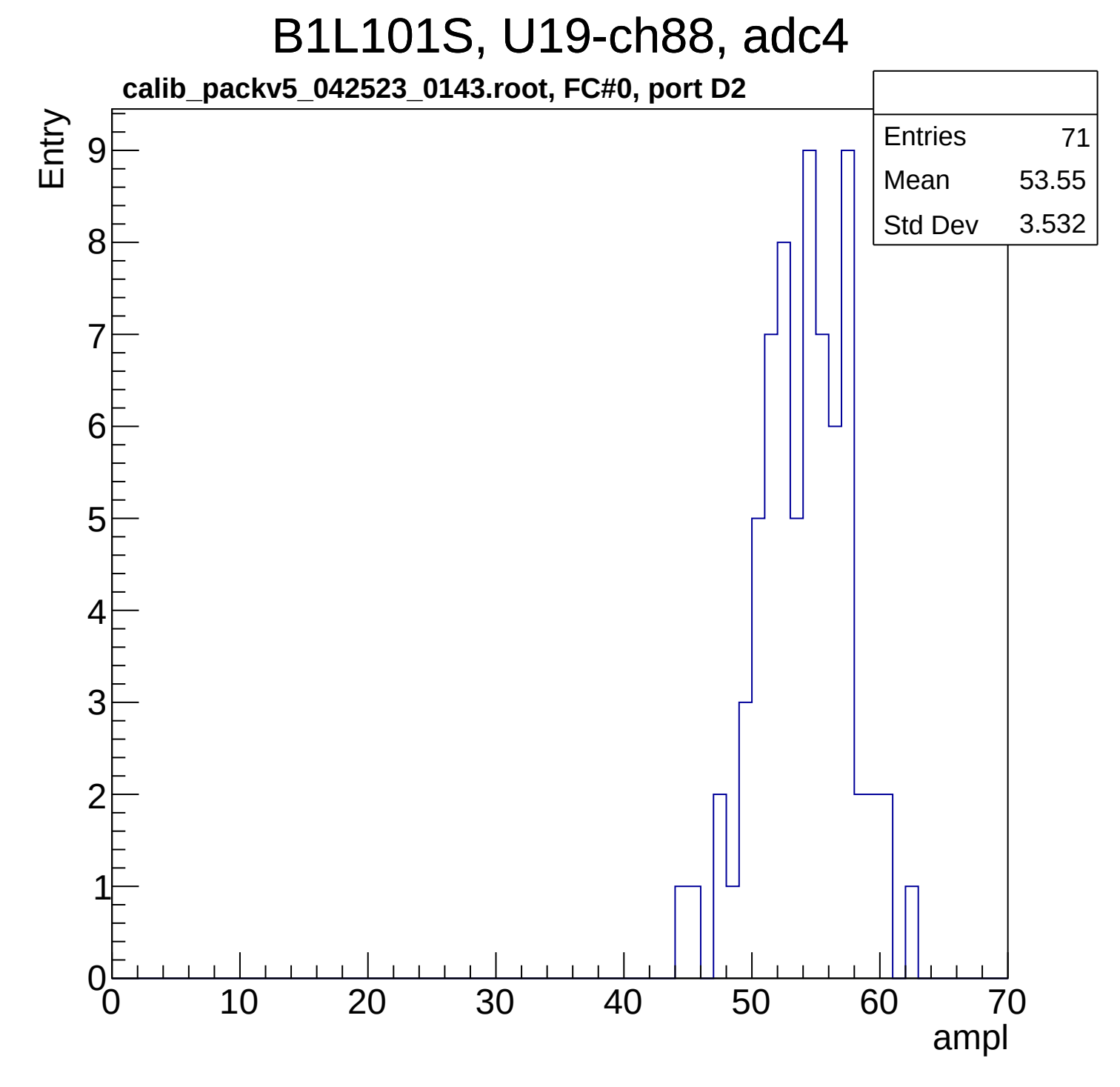
B1L101S, U19-ch88, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 53.55
Std Dev 3.532
Entry
ampl
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5
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7
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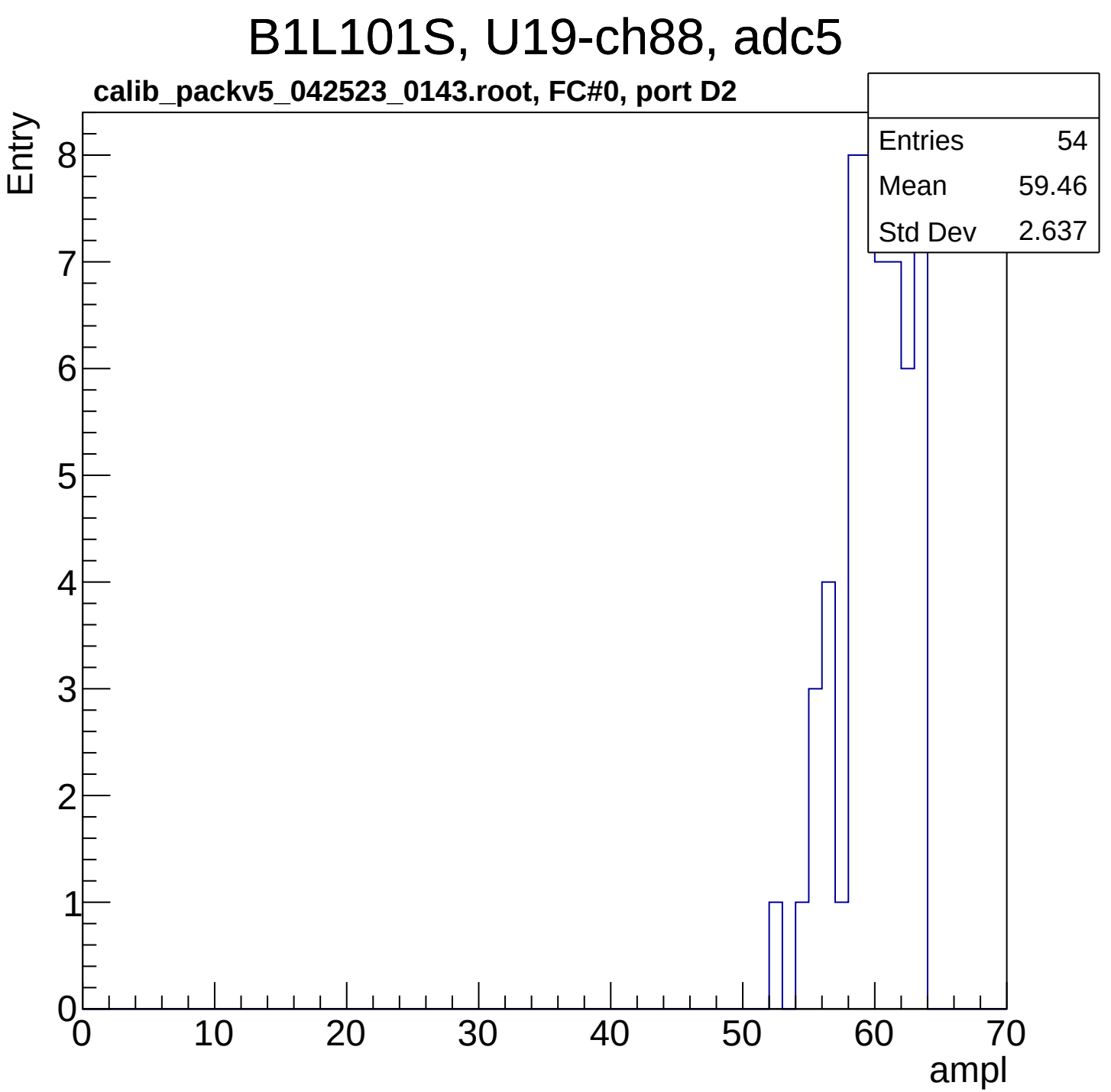
B1L101S, U19-ch88, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 59.46
Std Dev 2.637
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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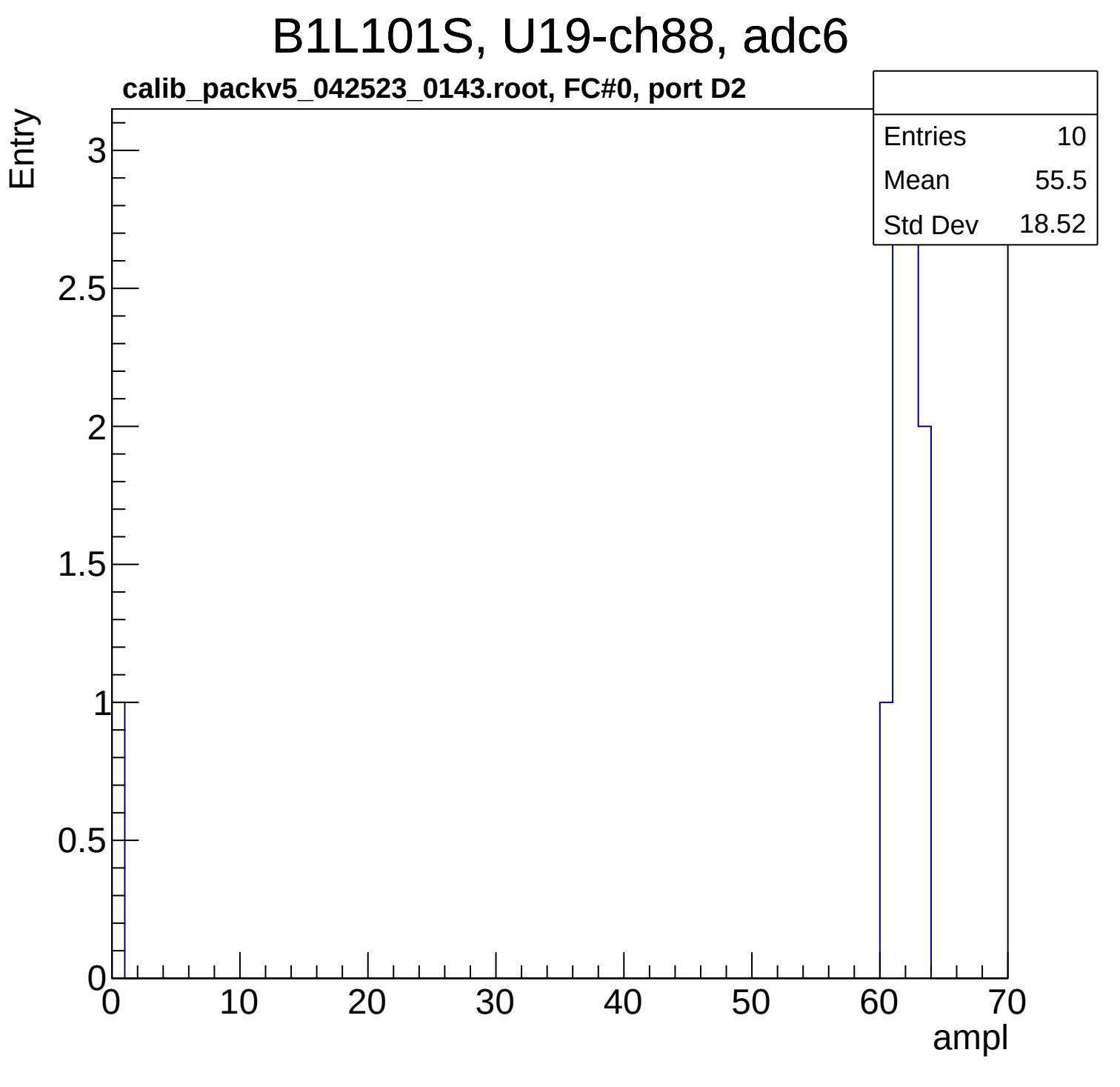
40
50
60
70


B1L101S, U19-ch88, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 55.5
Std Dev 18.52
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
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40
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60
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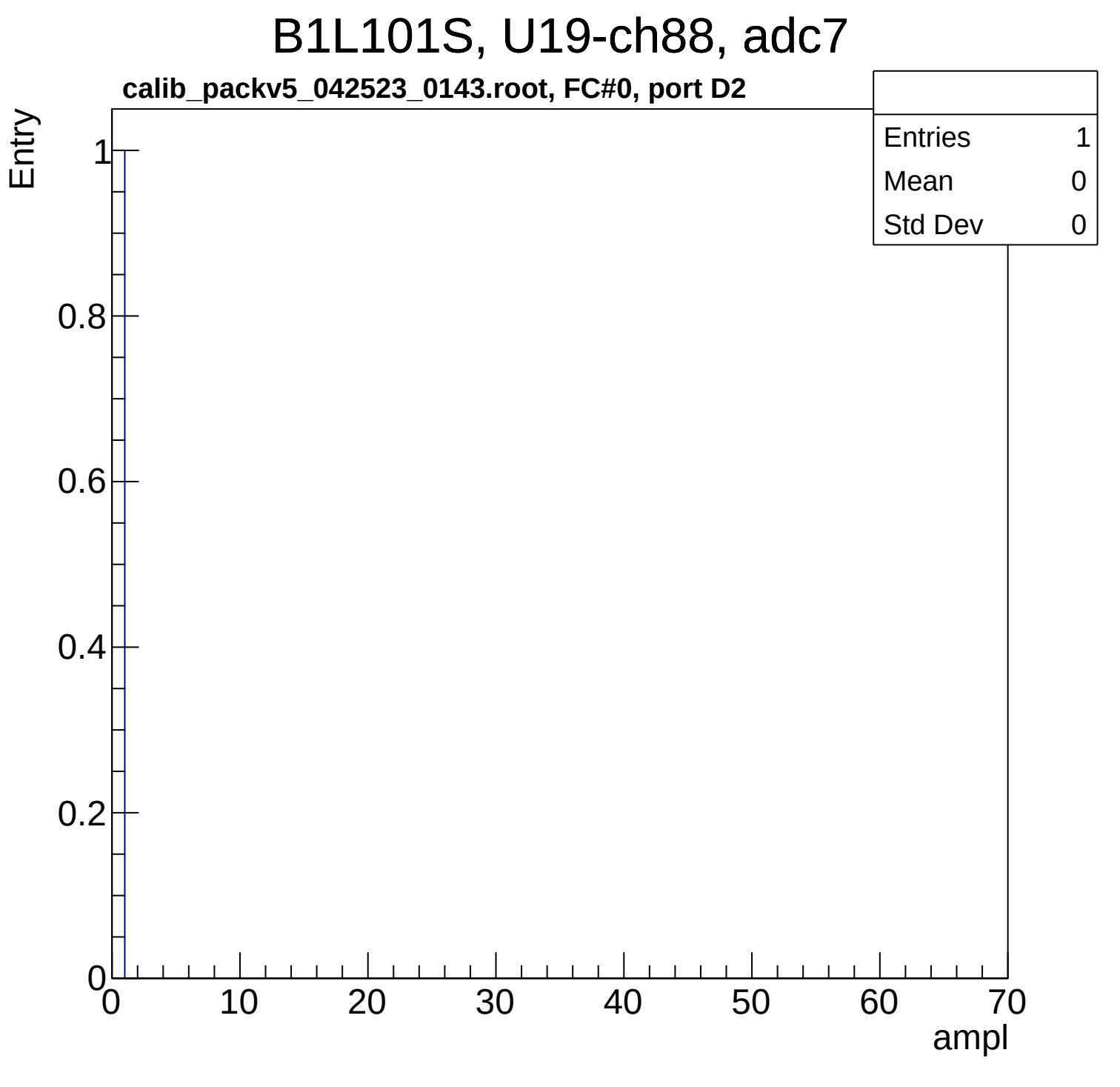
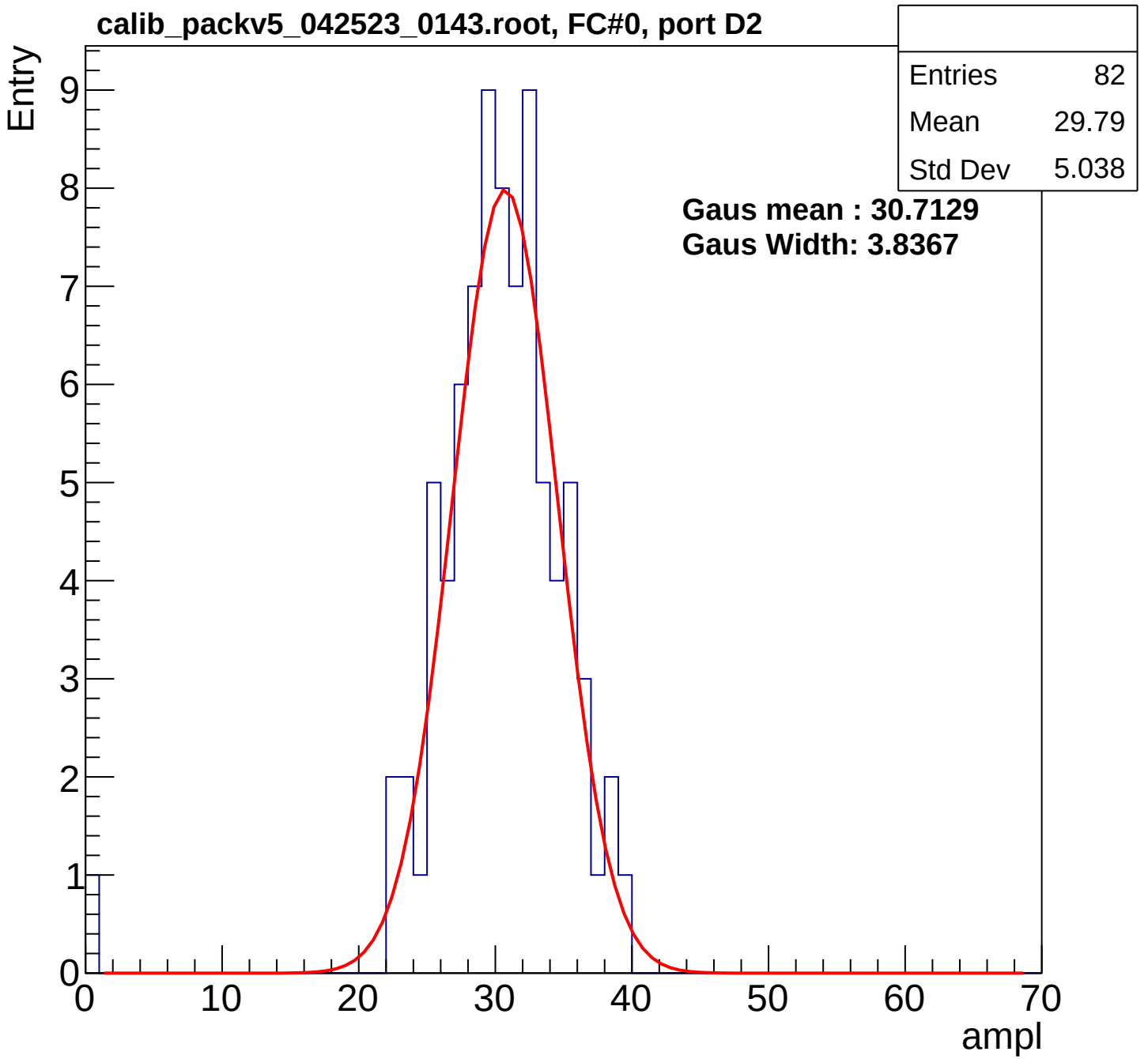

B1L101S, U19-ch88, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch89, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 29.79
Std Dev 5.038
Gaus mean : 30.7129
Gaus Width: 3.8367
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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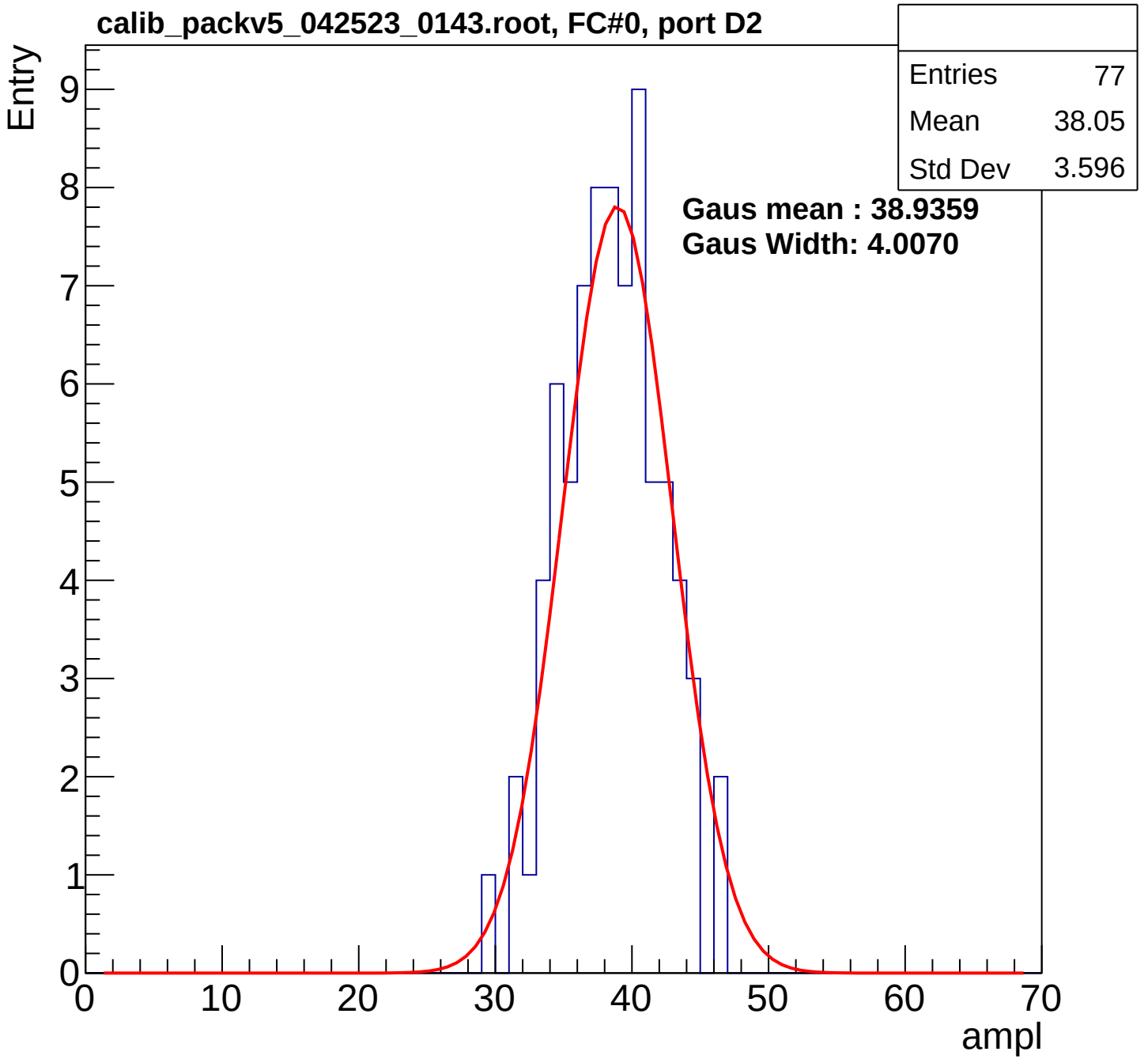
B1L101S, U19-ch89, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 38.05
Std Dev 3.596
Gaus mean : 38.9359
Gaus Width: 4.0070
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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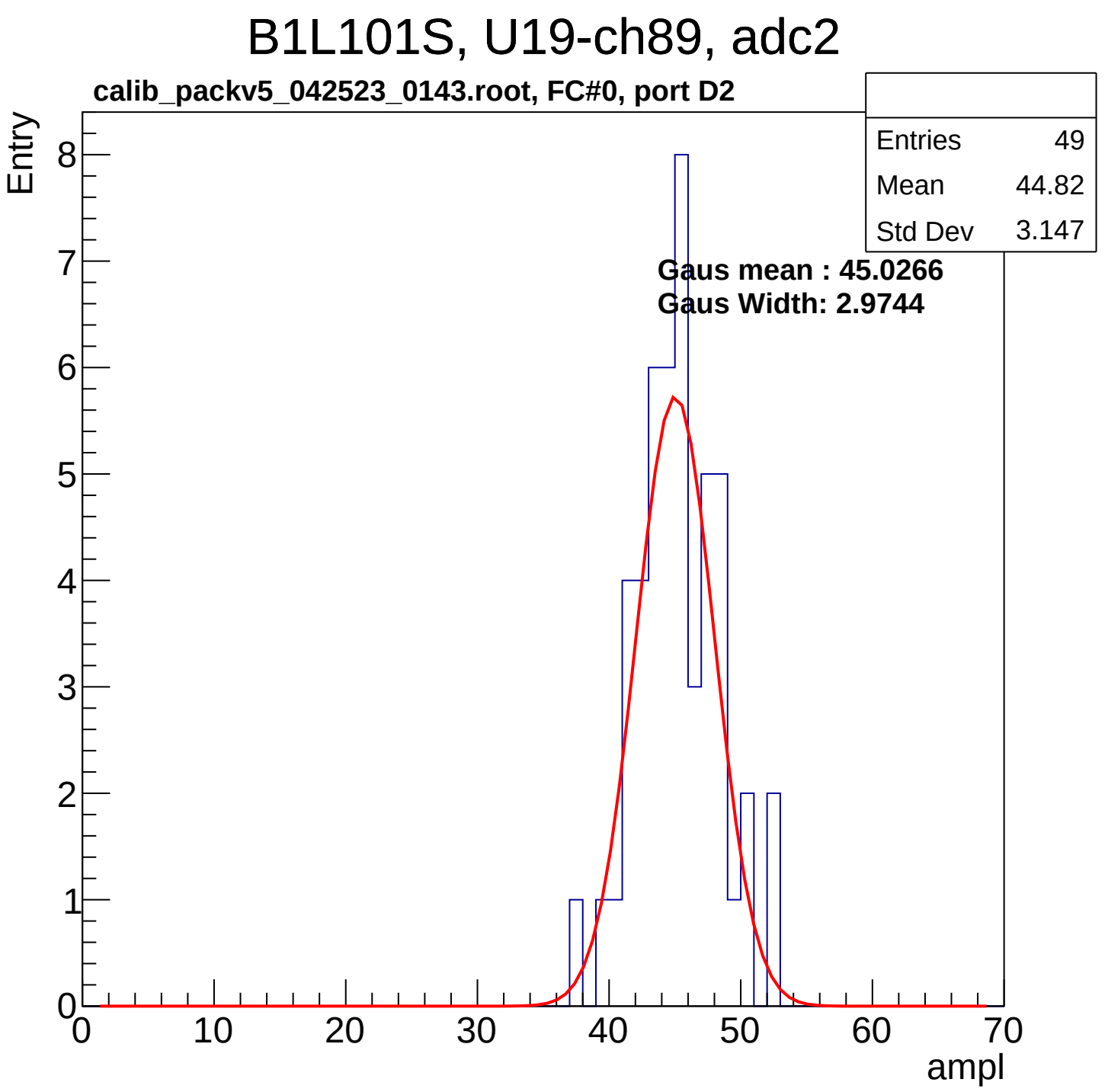
B1L101S, U19-ch89, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 44.82
Std Dev 3.147
Gaus mean : 45.0266
Gaus Width: 2.9744
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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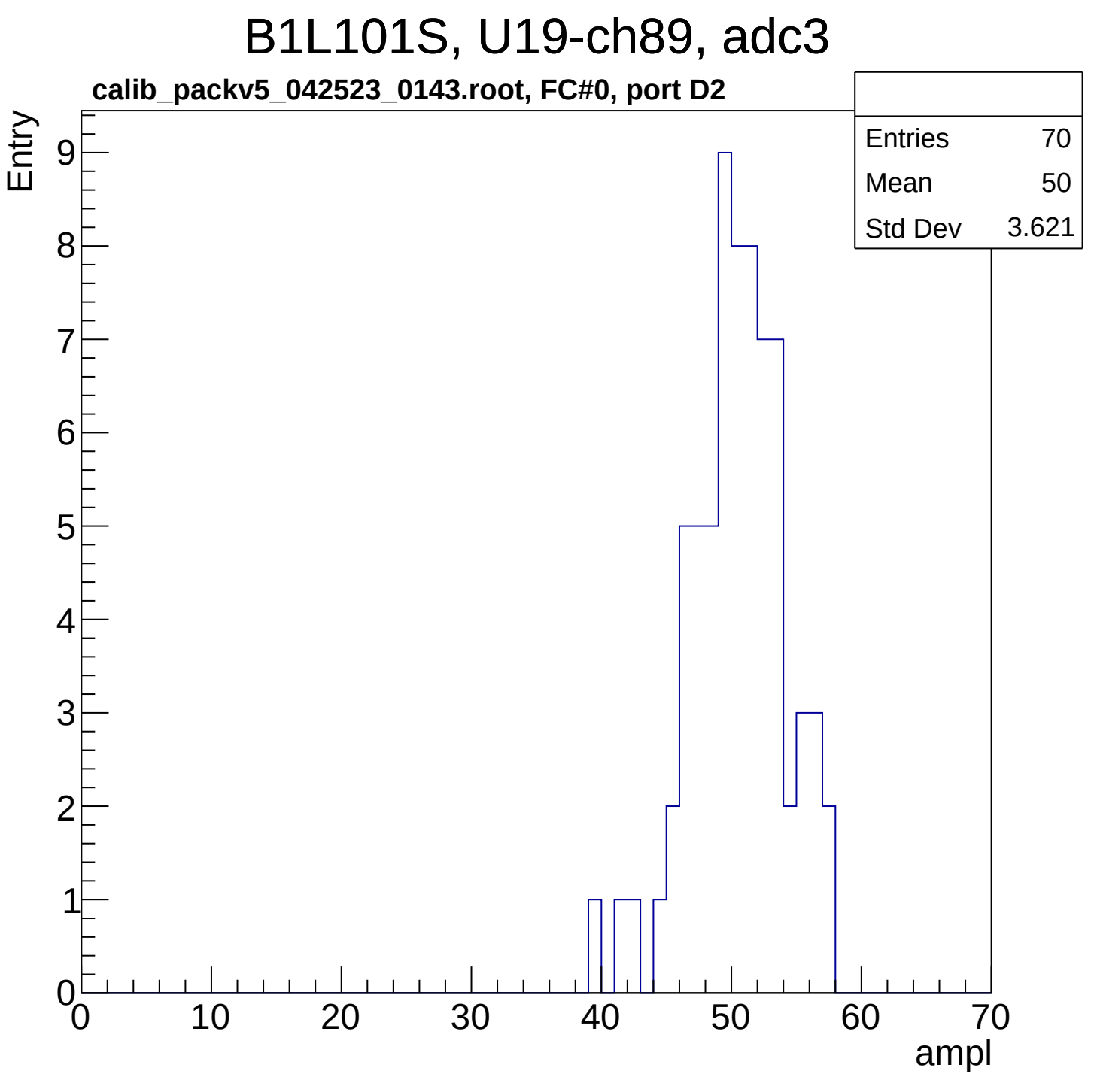
B1L101S, U19-ch89, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 50
Std Dev 3.621
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
50
60
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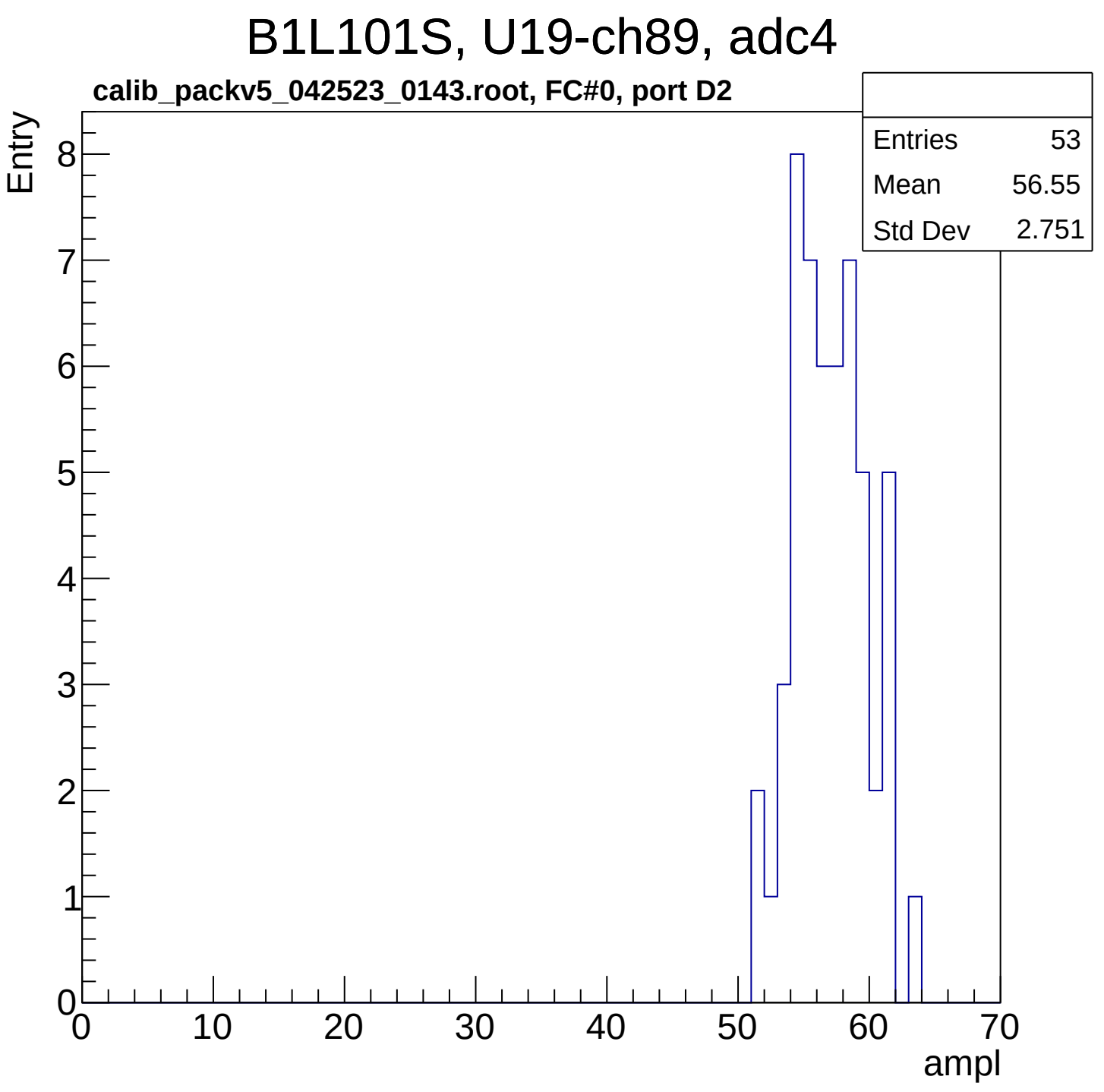
B1L101S, U19-ch89, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 56.55
Std Dev 2.751
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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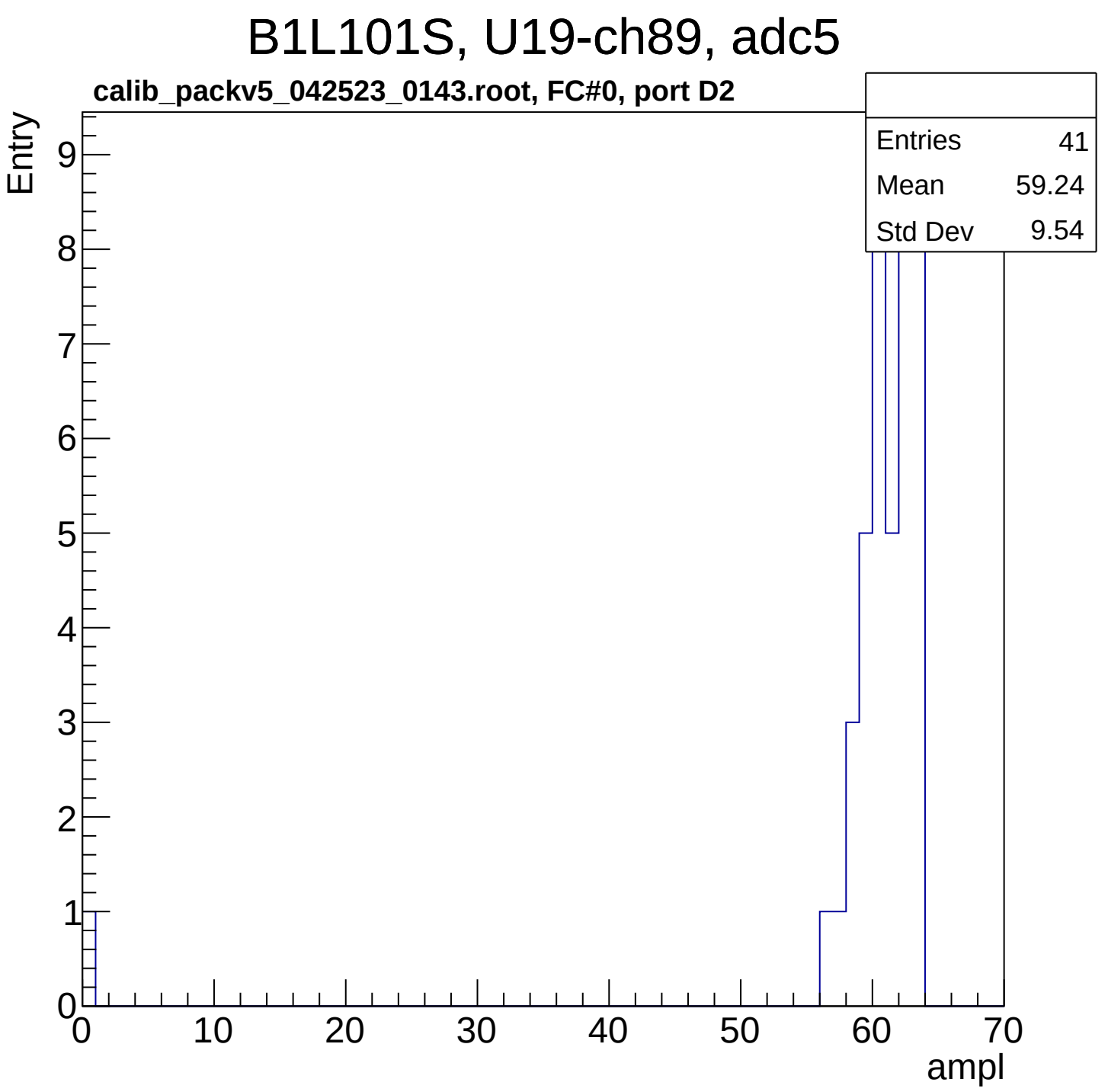
B1L101S, U19-ch89, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 59.24
Std Dev 9.54
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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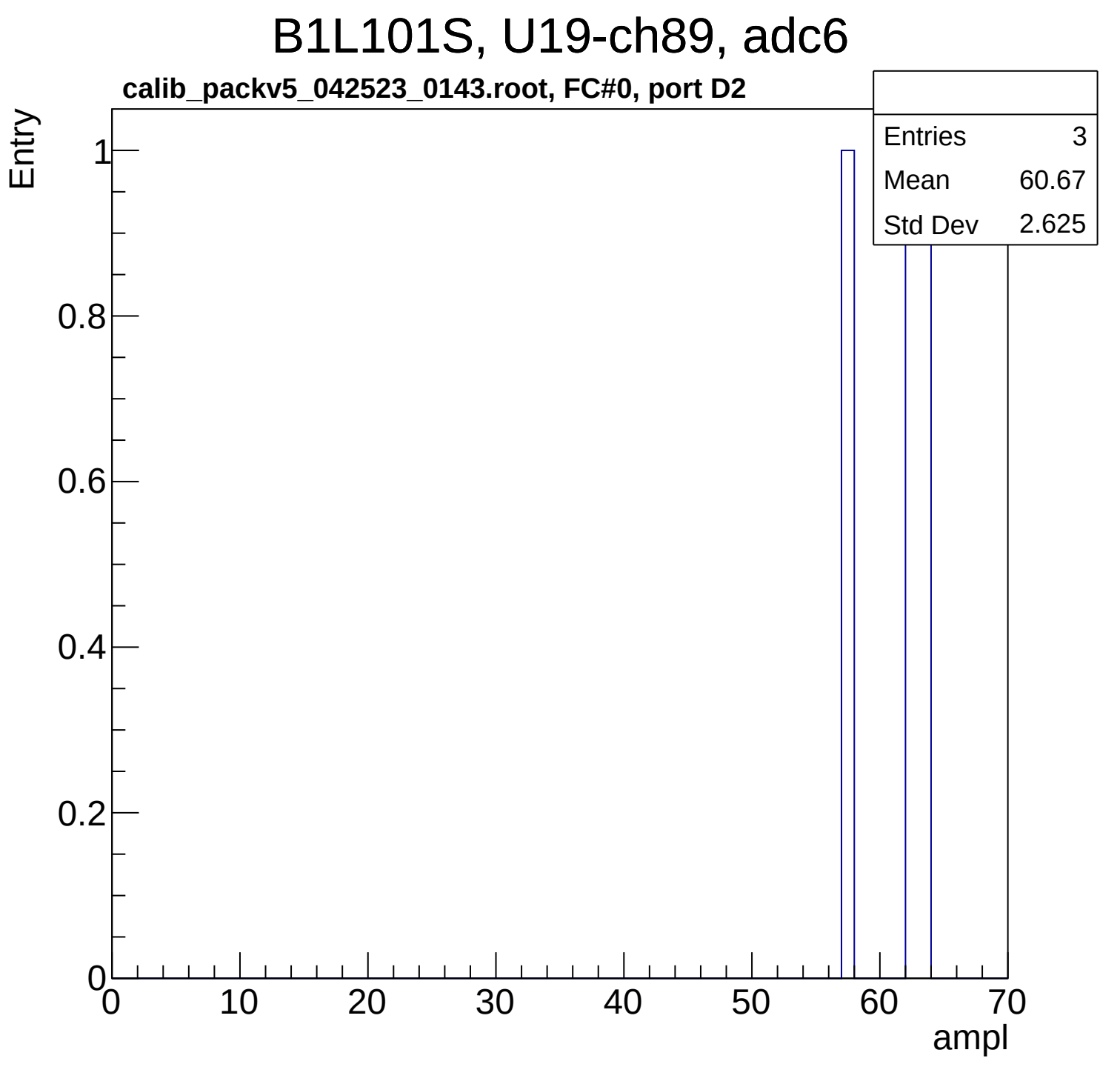
B1L101S, U19-ch89, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 60.67
Std Dev 2.625
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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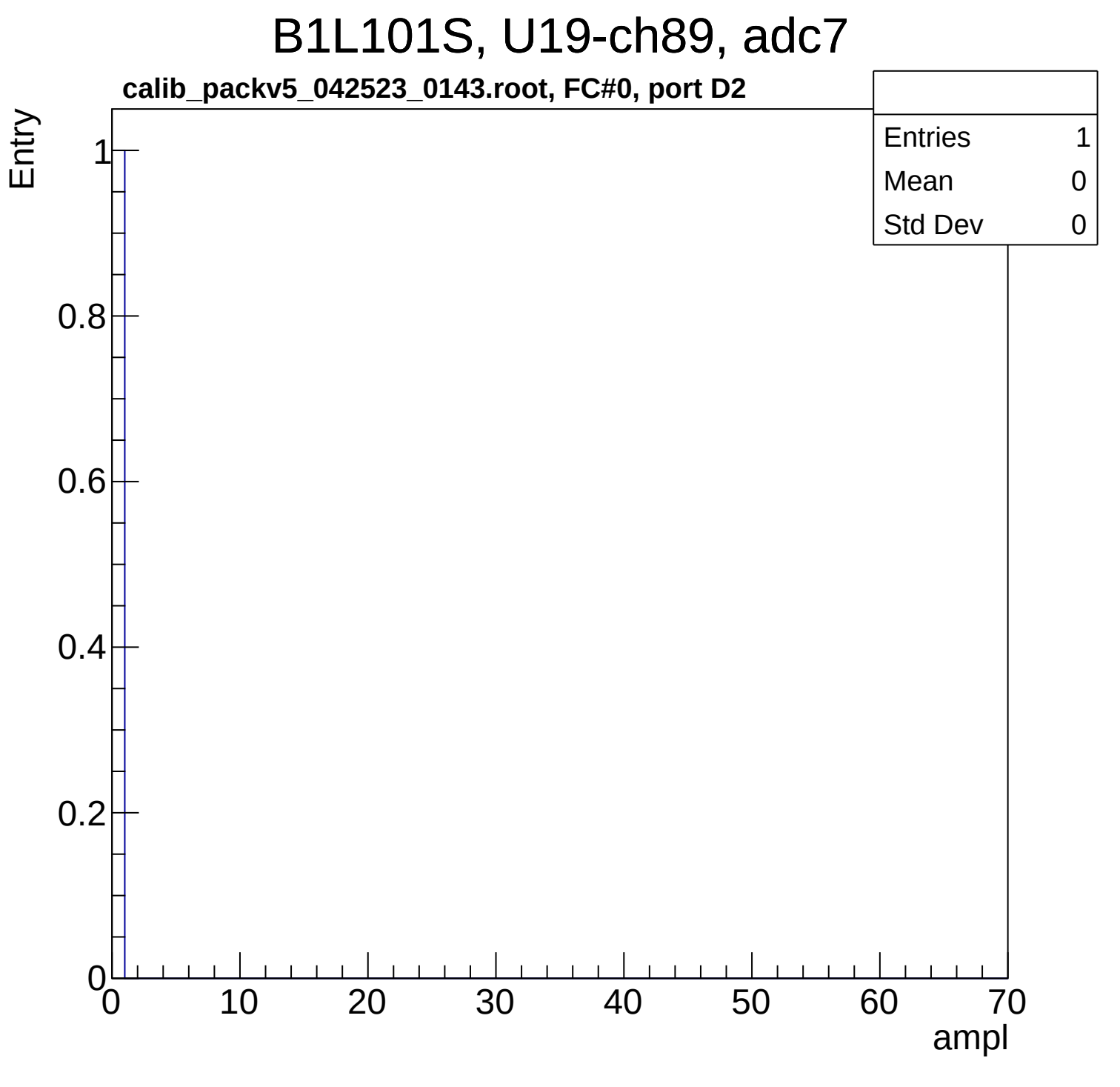
B1L101S, U19-ch89, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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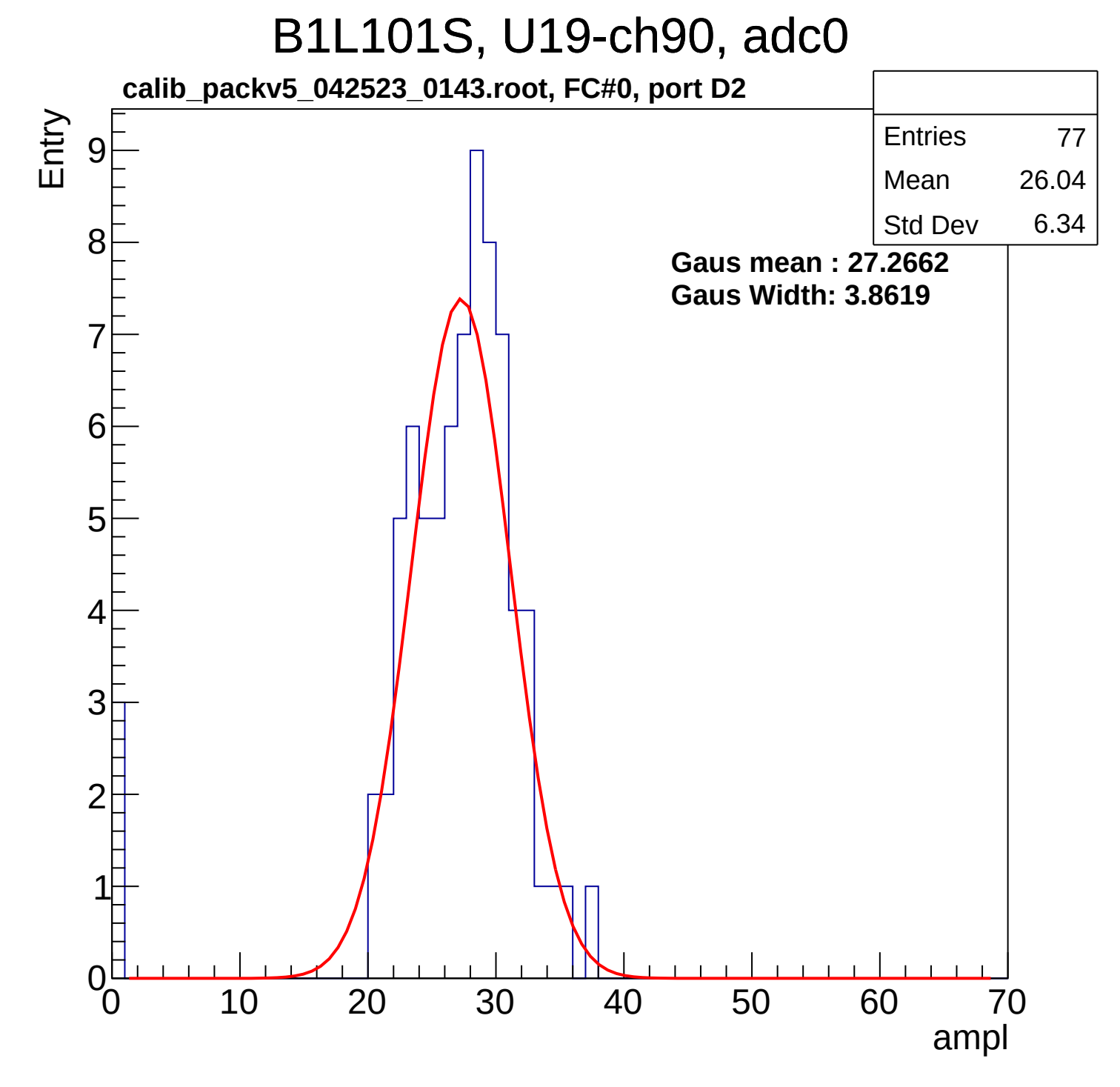
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch90, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 26.04
Std Dev 6.34
Gaus mean : 27.2662
Gaus Width: 3.8619
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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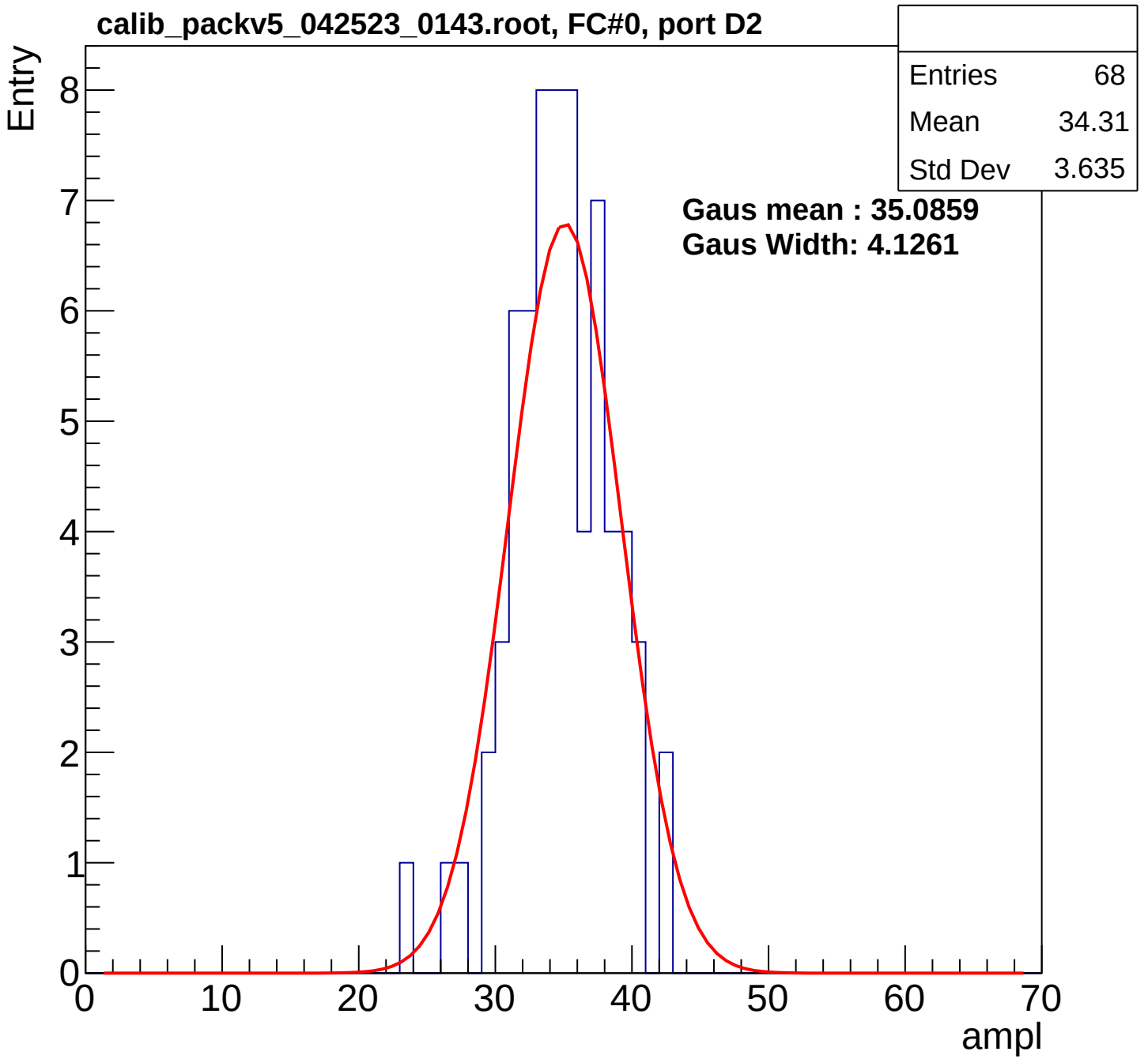
B1L101S, U19-ch90, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 34.31
Std Dev 3.635
Gaus mean : 35.0859
Gaus Width: 4.1261
Entry
ampl
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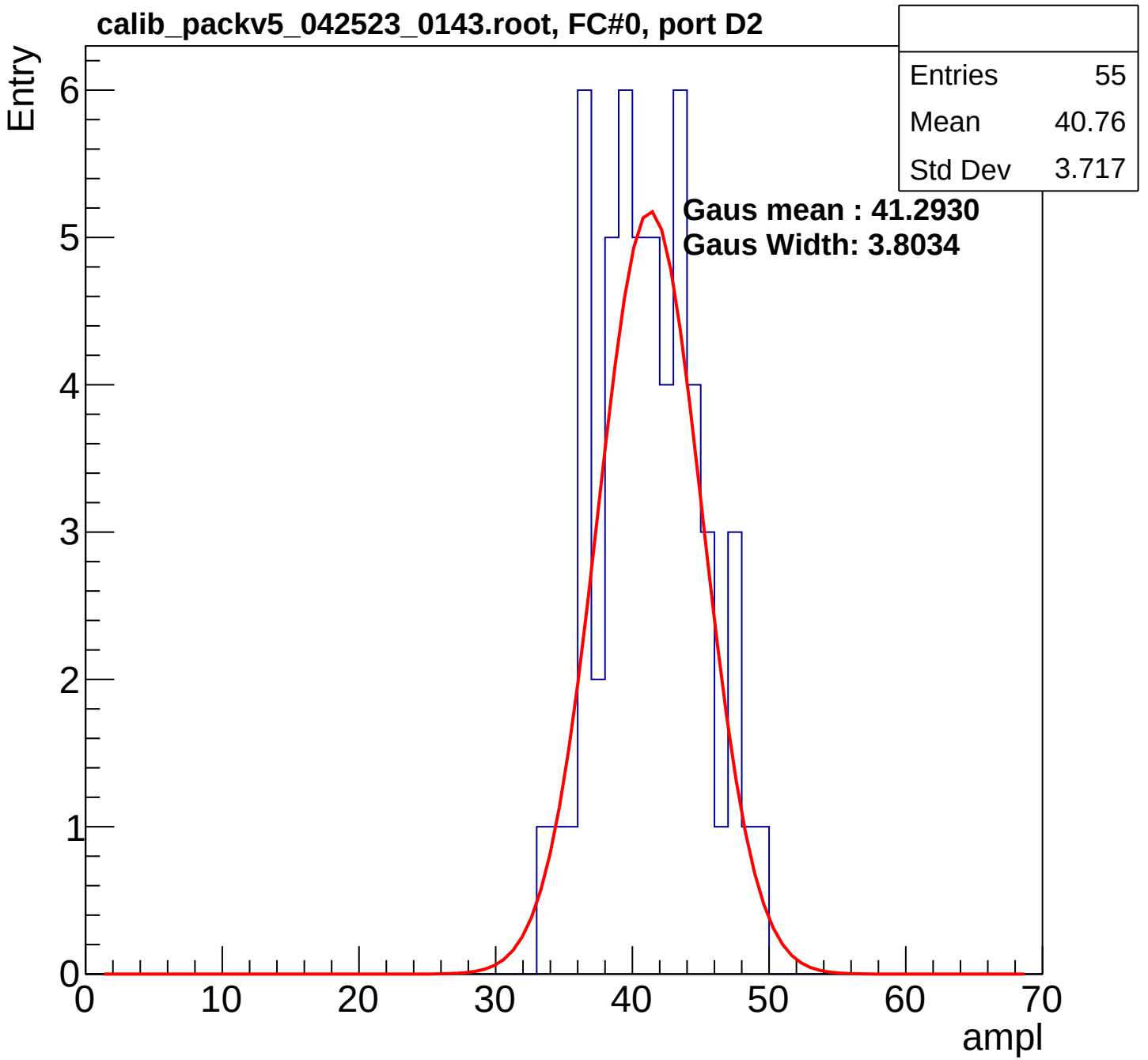
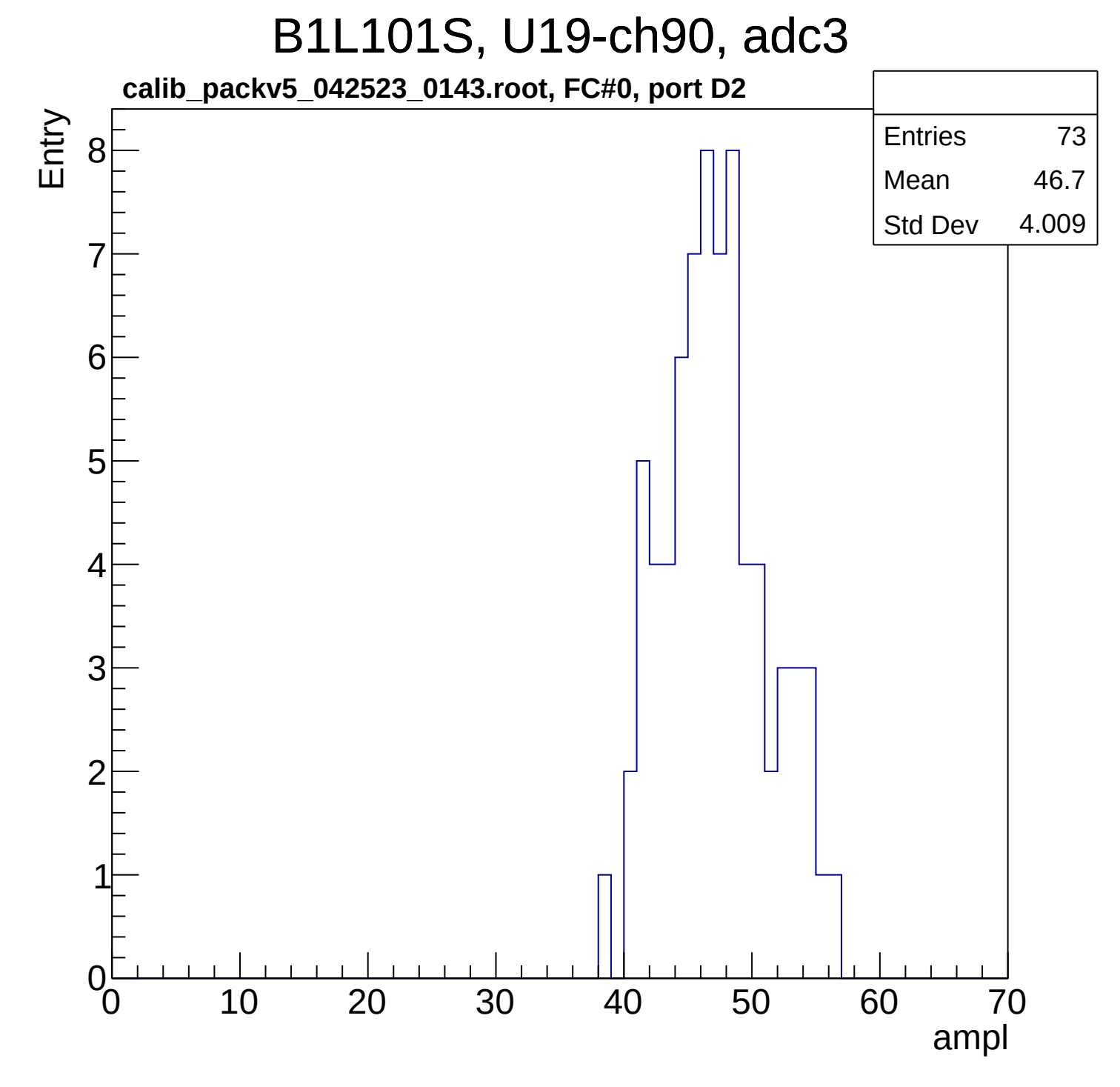
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch90, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 40.76
Std Dev 3.717
Gaus mean : 41.2930
Gaus Width: 3.8034
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U19-ch90, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 46.7
Std Dev 4.009
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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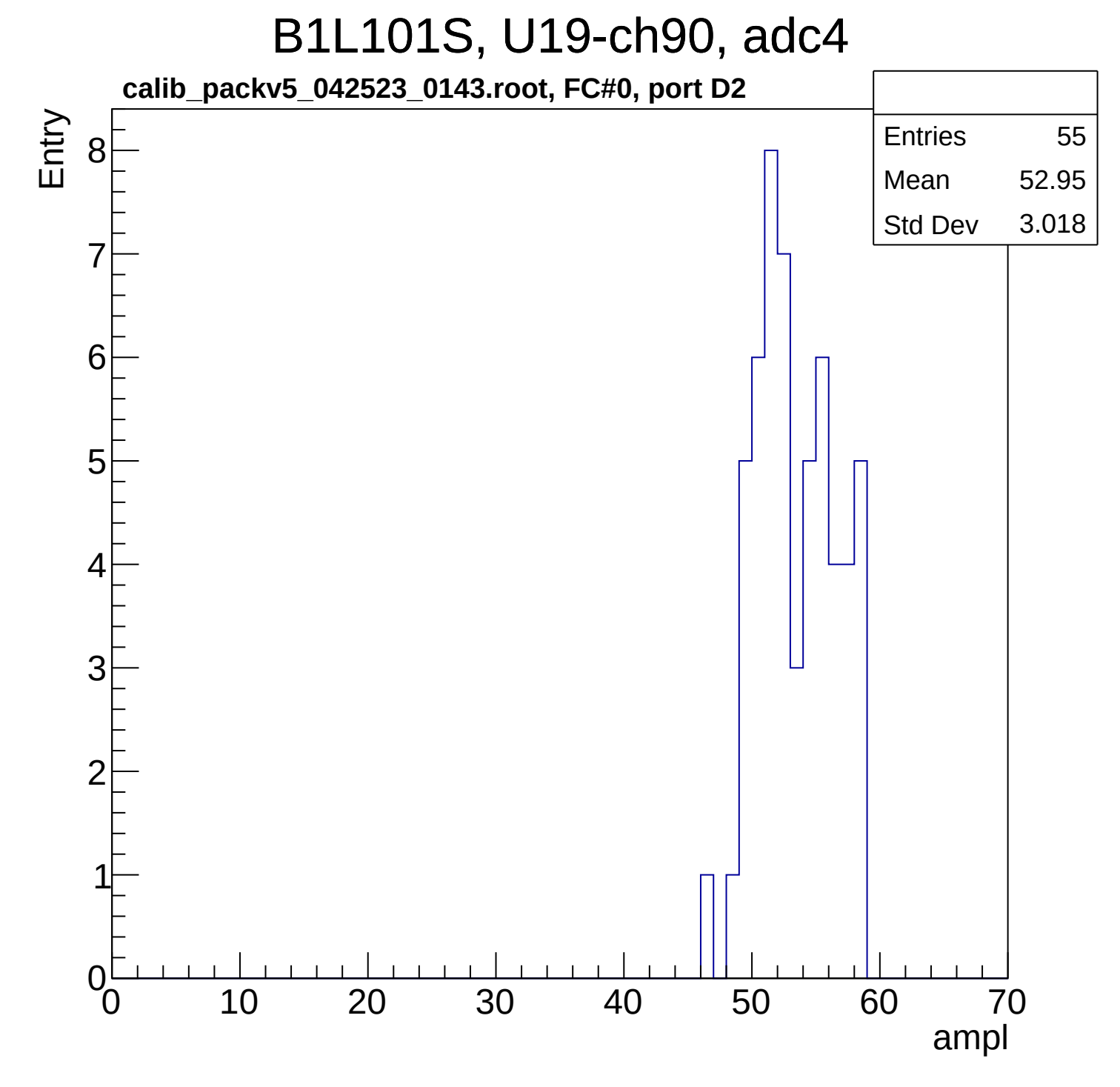
B1L101S, U19-ch90, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 52.95
Std Dev 3.018
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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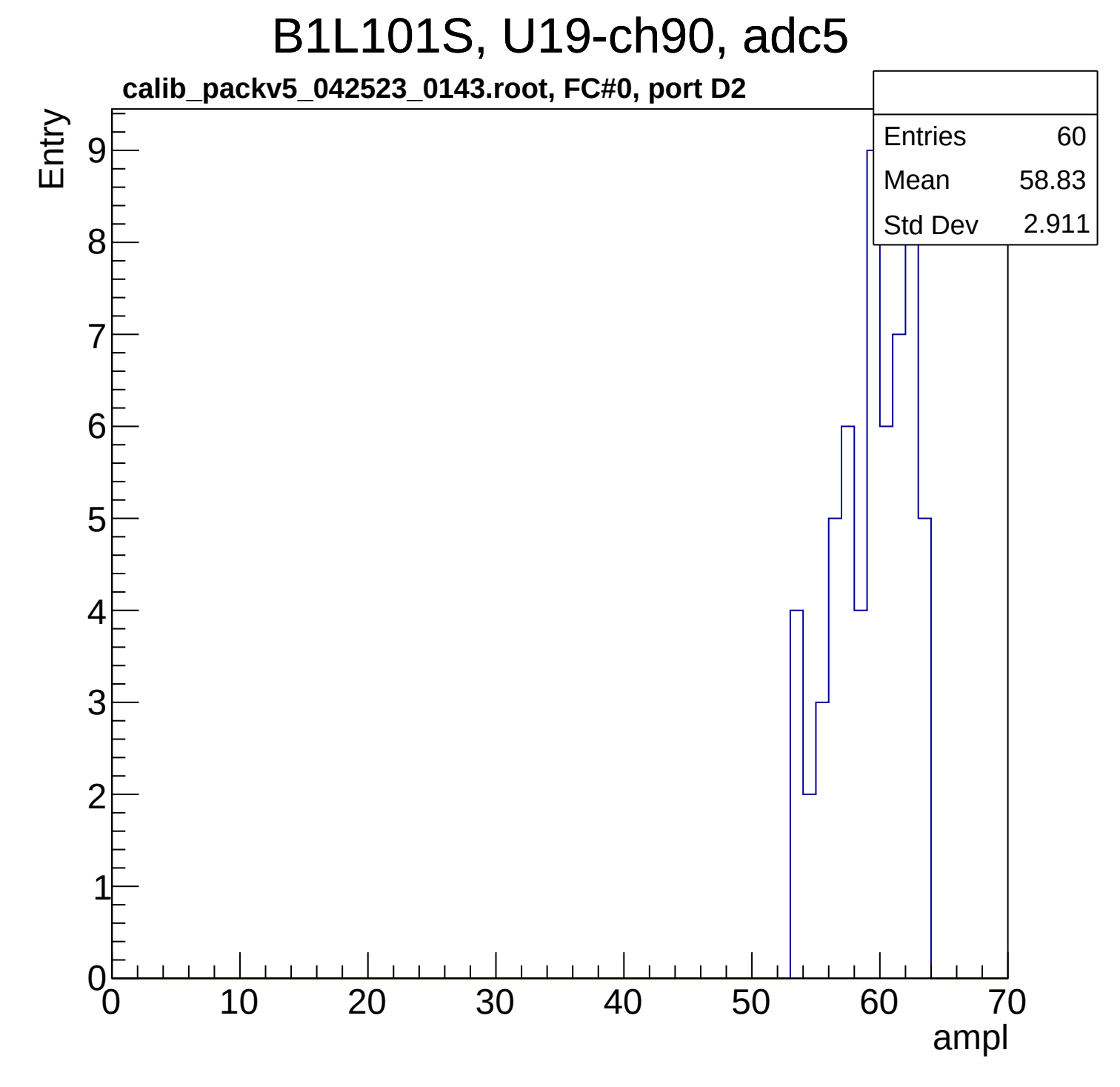
B1L101S, U19-ch90, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 58.83
Std Dev 2.911
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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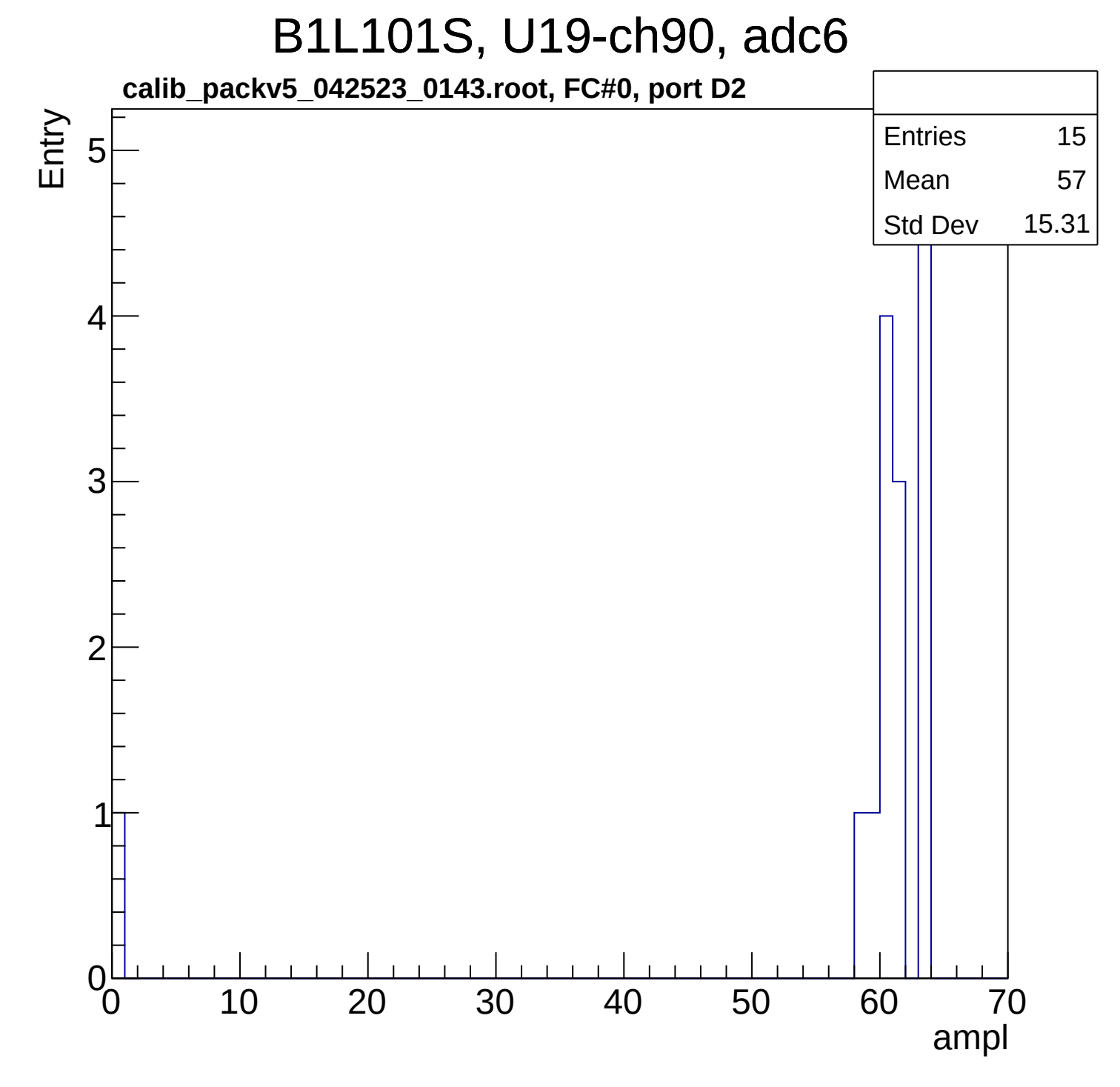
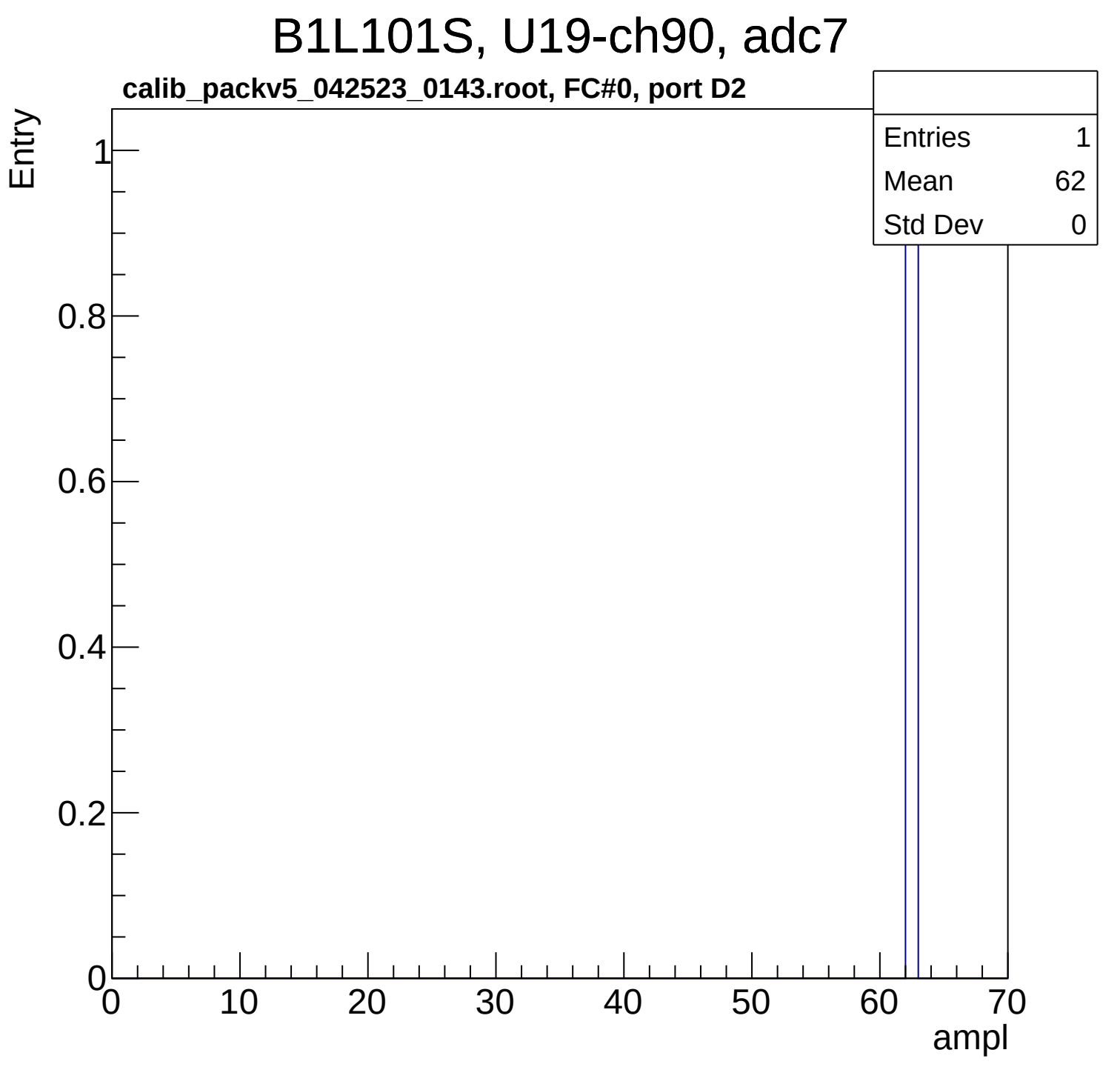

B1L101S, U19-ch90, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 15
Mean 57
Std Dev 15.31
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch90, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
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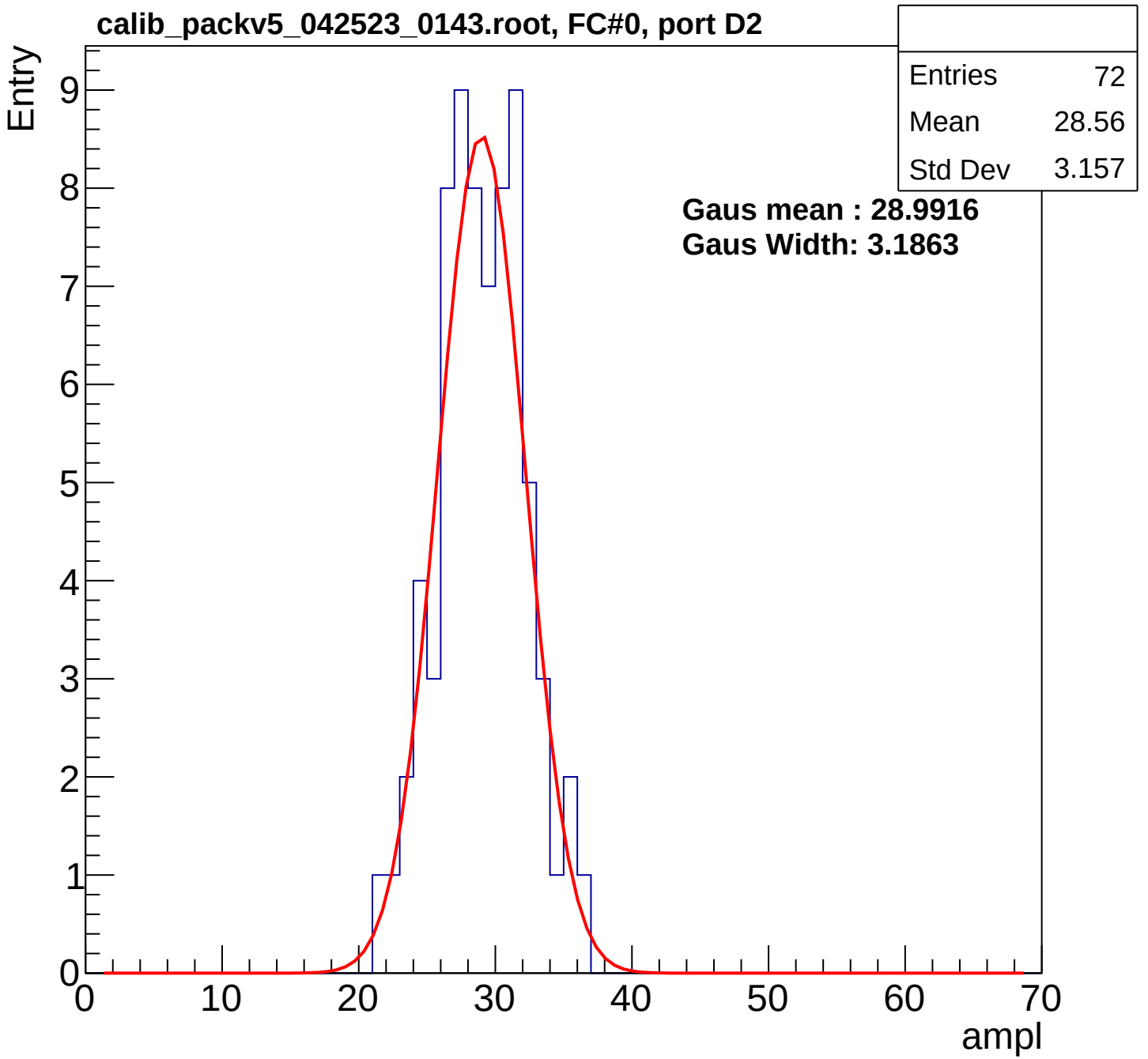
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch91, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 28.56
Std Dev 3.157
Gaus mean : 28.9916
Gaus Width: 3.1863
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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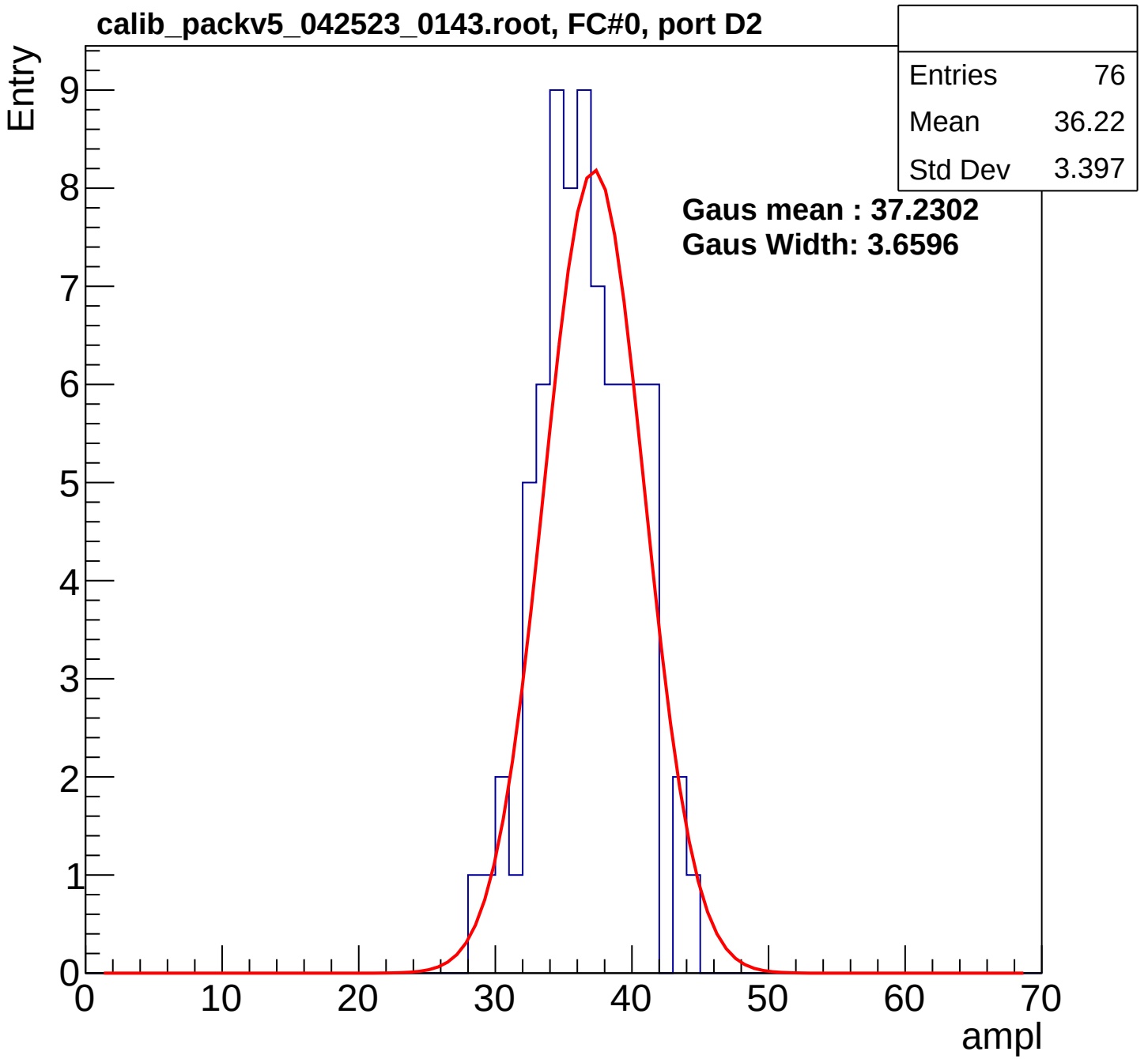
B1L101S, U19-ch91, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 36.22
Std Dev 3.397
Gaus mean : 37.2302
Gaus Width: 3.6596
Entry
ampl
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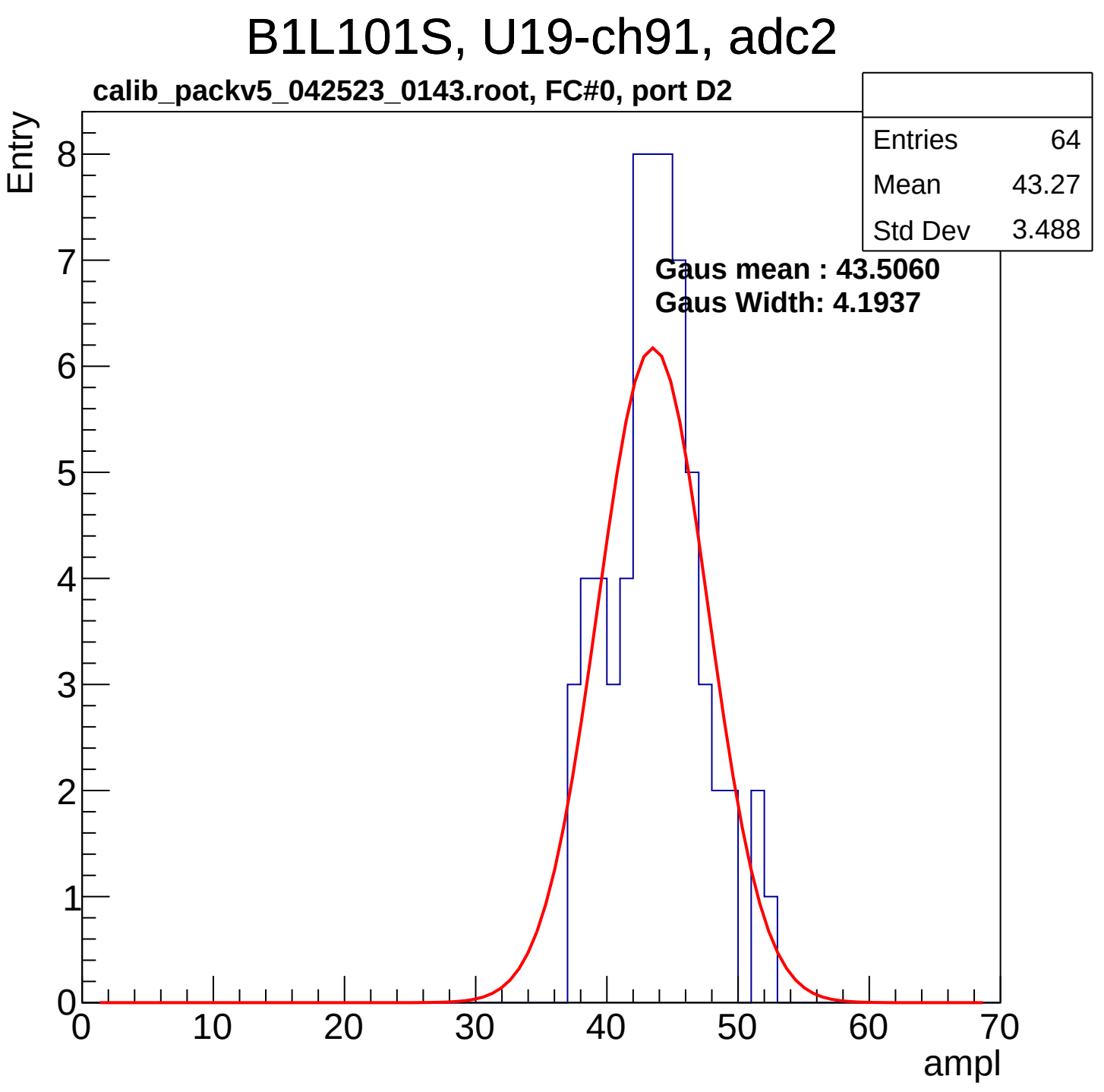
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch91, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 43.27
Std Dev 3.488
Gaus mean : 43.5060
Gaus Width: 4.1937
Entry
ampl
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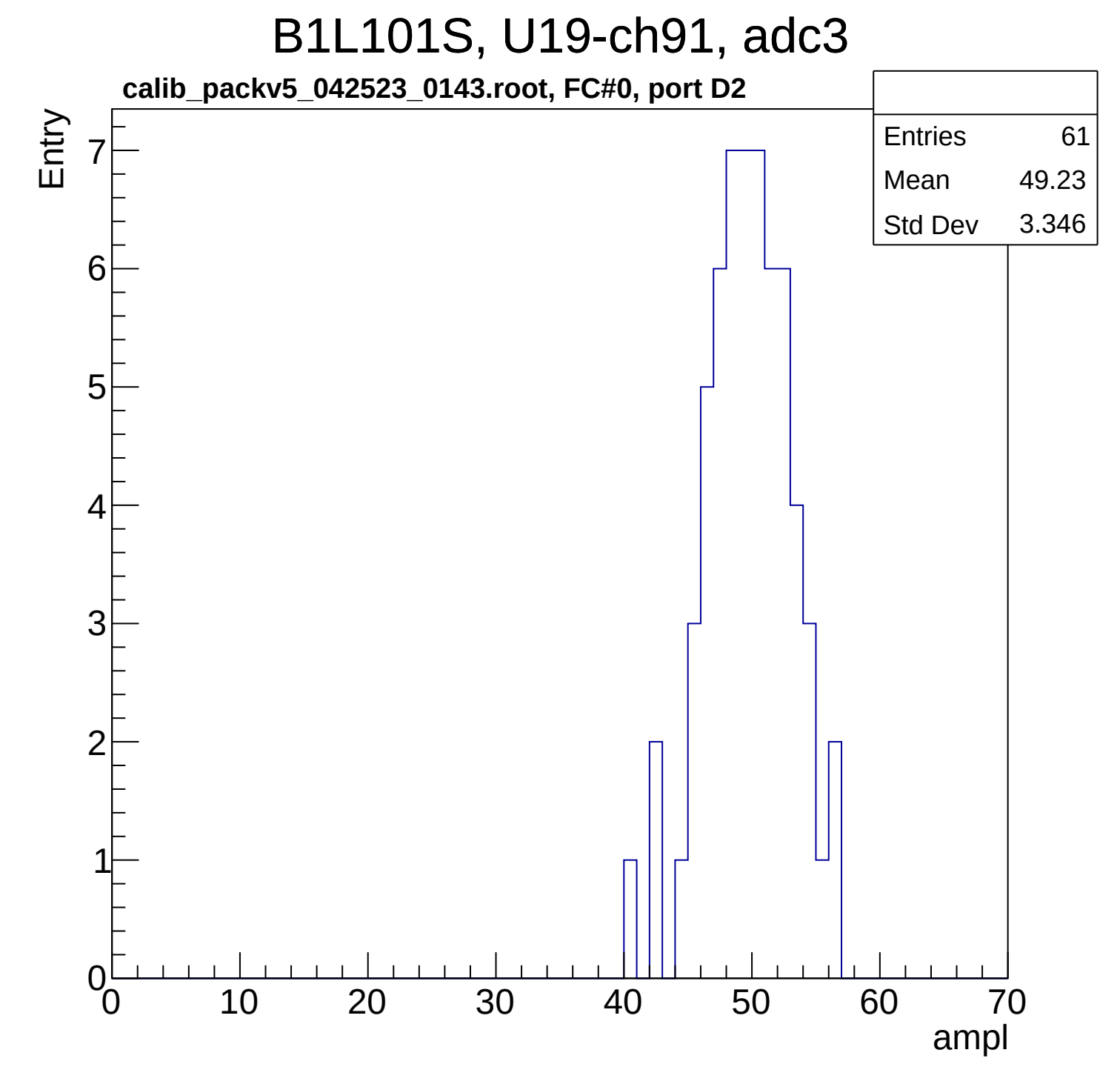
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch91, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 49.23
Std Dev 3.346
Entry
ampl
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1
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3
4
5
6
7
0
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20
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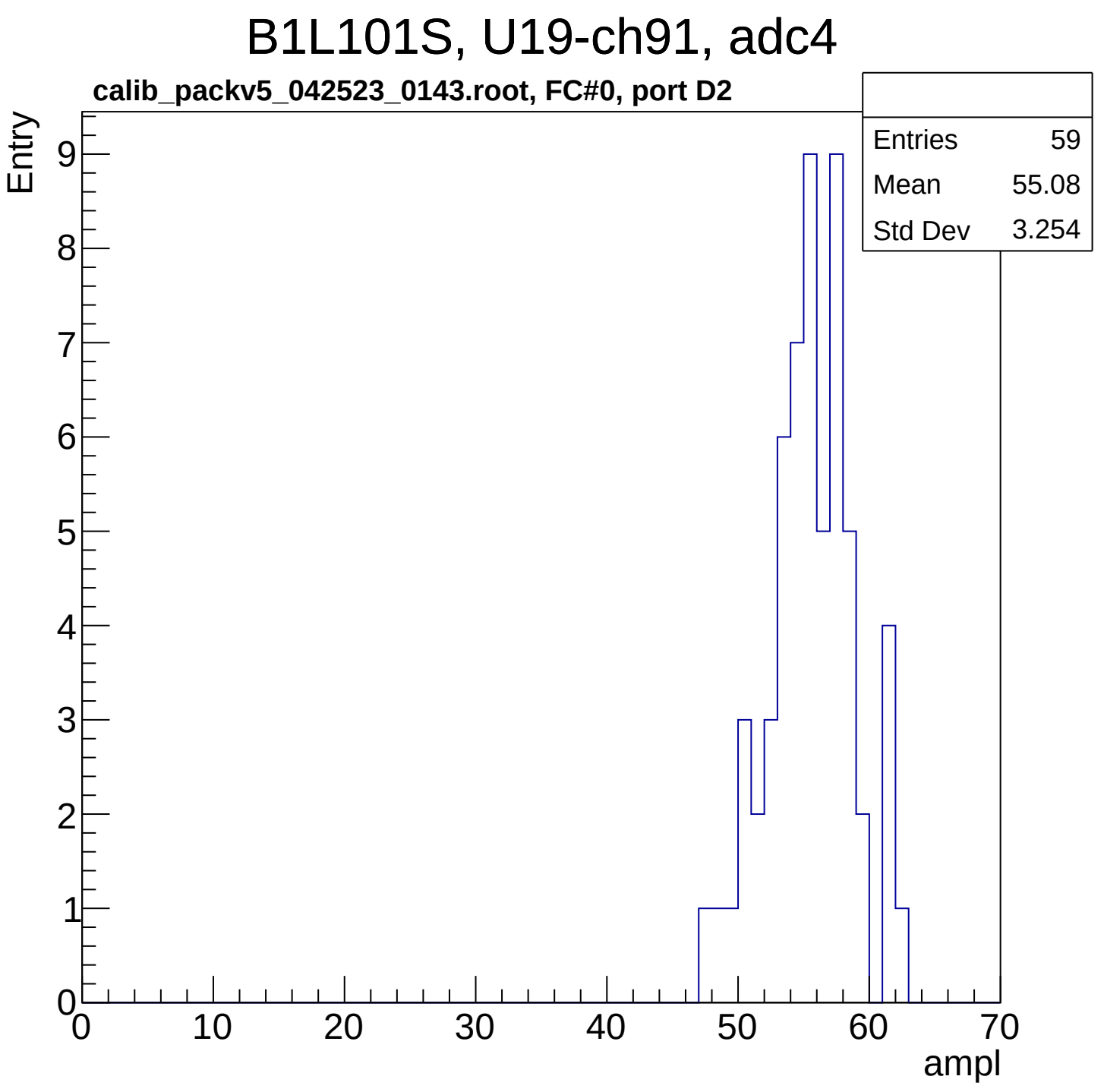
40
50
60
70


B1L101S, U19-ch91, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 55.08
Std Dev 3.254
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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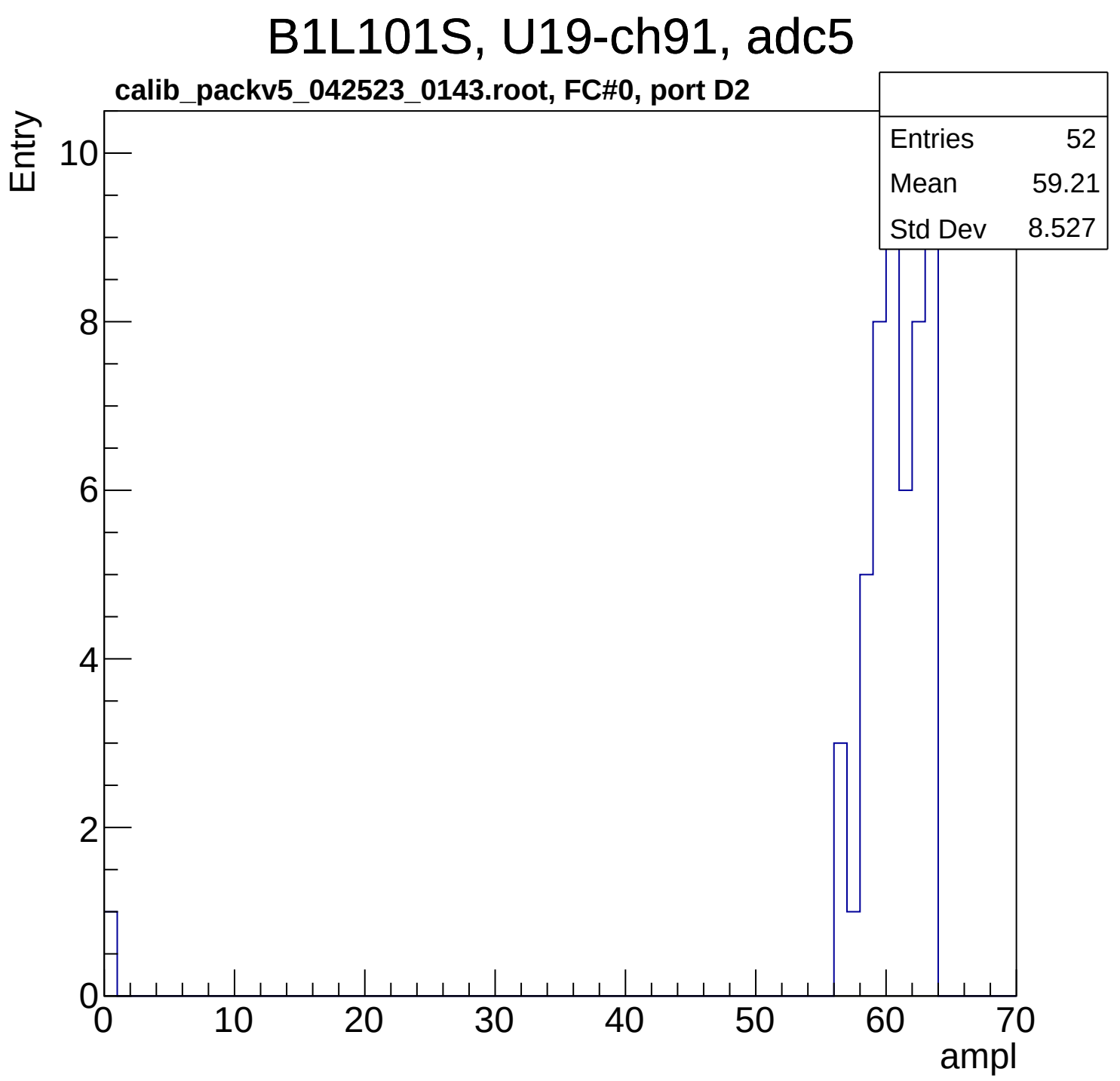
B1L101S, U19-ch91, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 59.21
Std Dev 8.527
Entry
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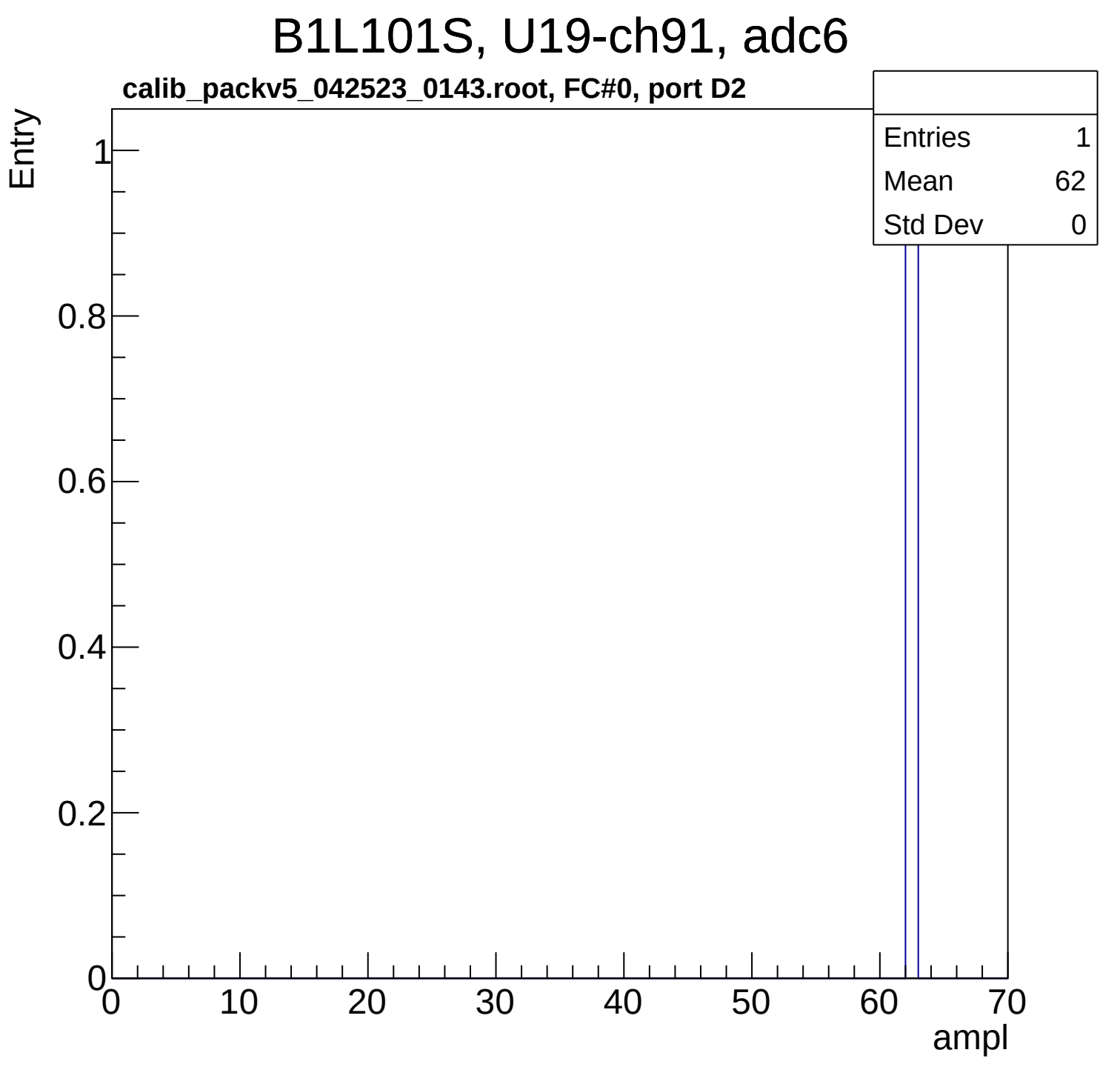
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch91, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
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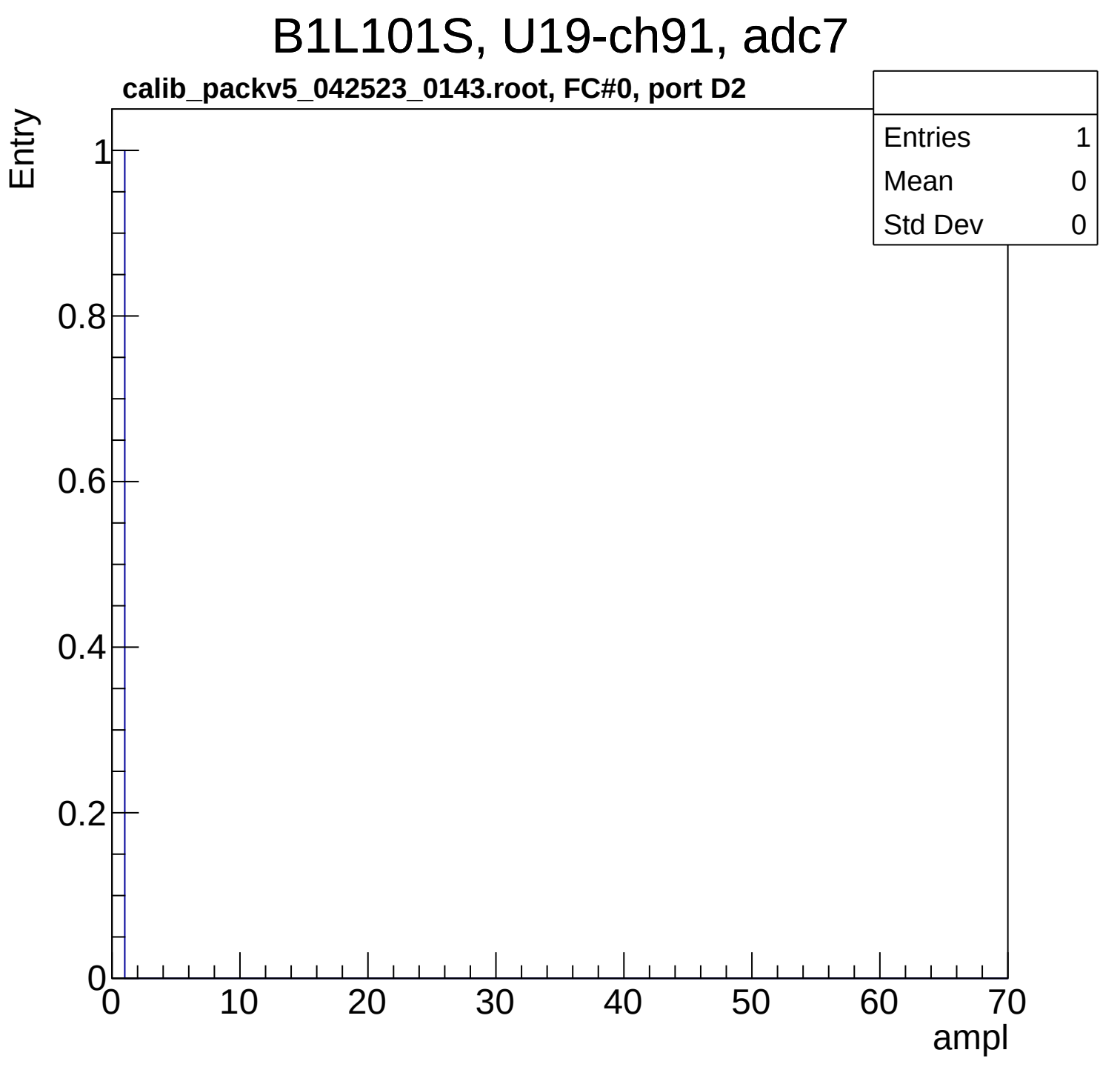
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch91, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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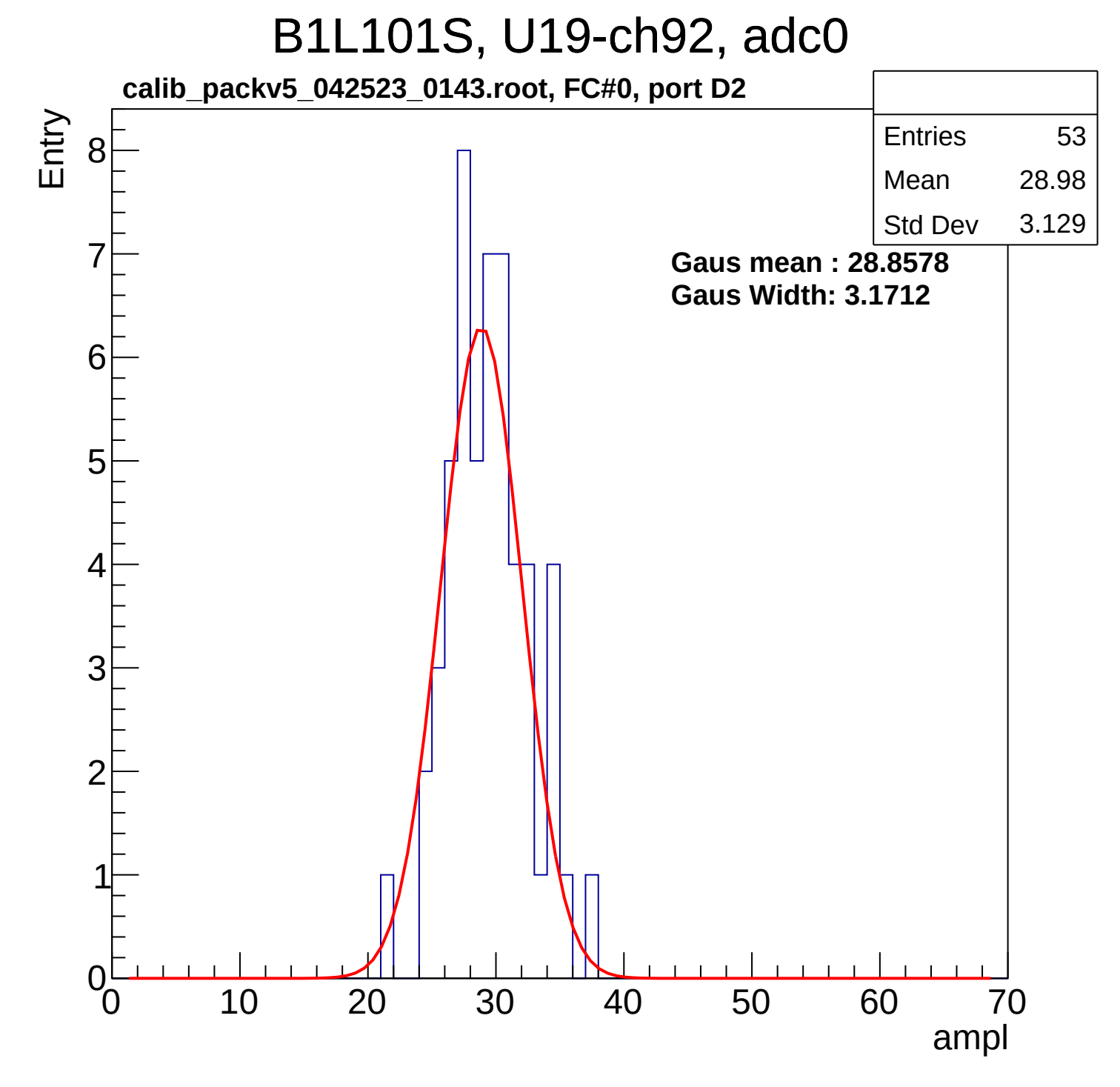
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch92, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 28.98
Std Dev 3.129
Gaus mean : 28.8578
Gaus Width: 3.1712
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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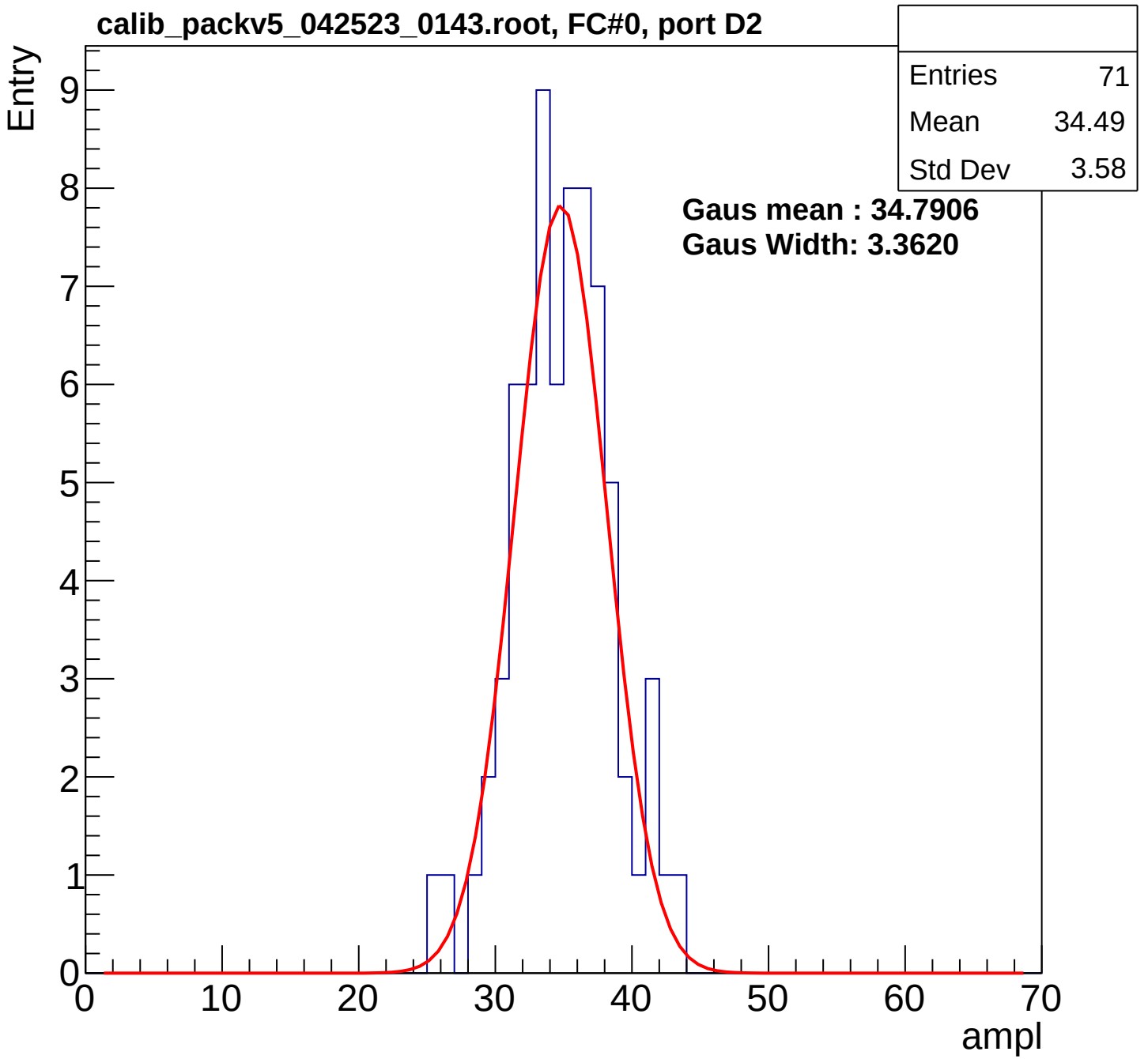
B1L101S, U19-ch92, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 34.49
Std Dev 3.58
Gaus mean : 34.7906
Gaus Width: 3.3620
Entry
ampl
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2
3
4
5
6
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0
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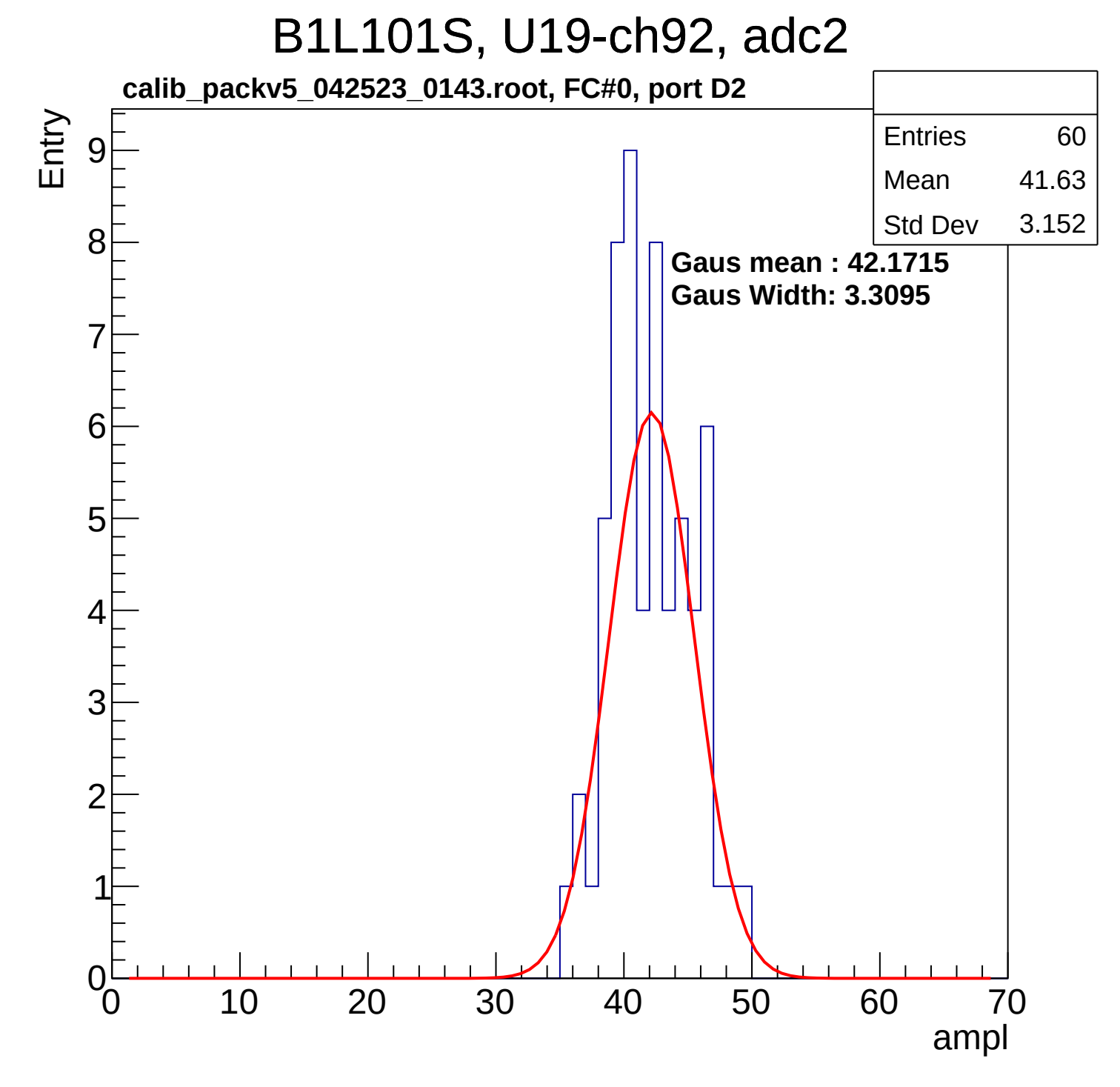
B1L101S, U19-ch92, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 41.63
Std Dev 3.152
Gaus mean : 42.1715
Gaus Width: 3.3095
Entry
ampl
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3
4
5
6
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0
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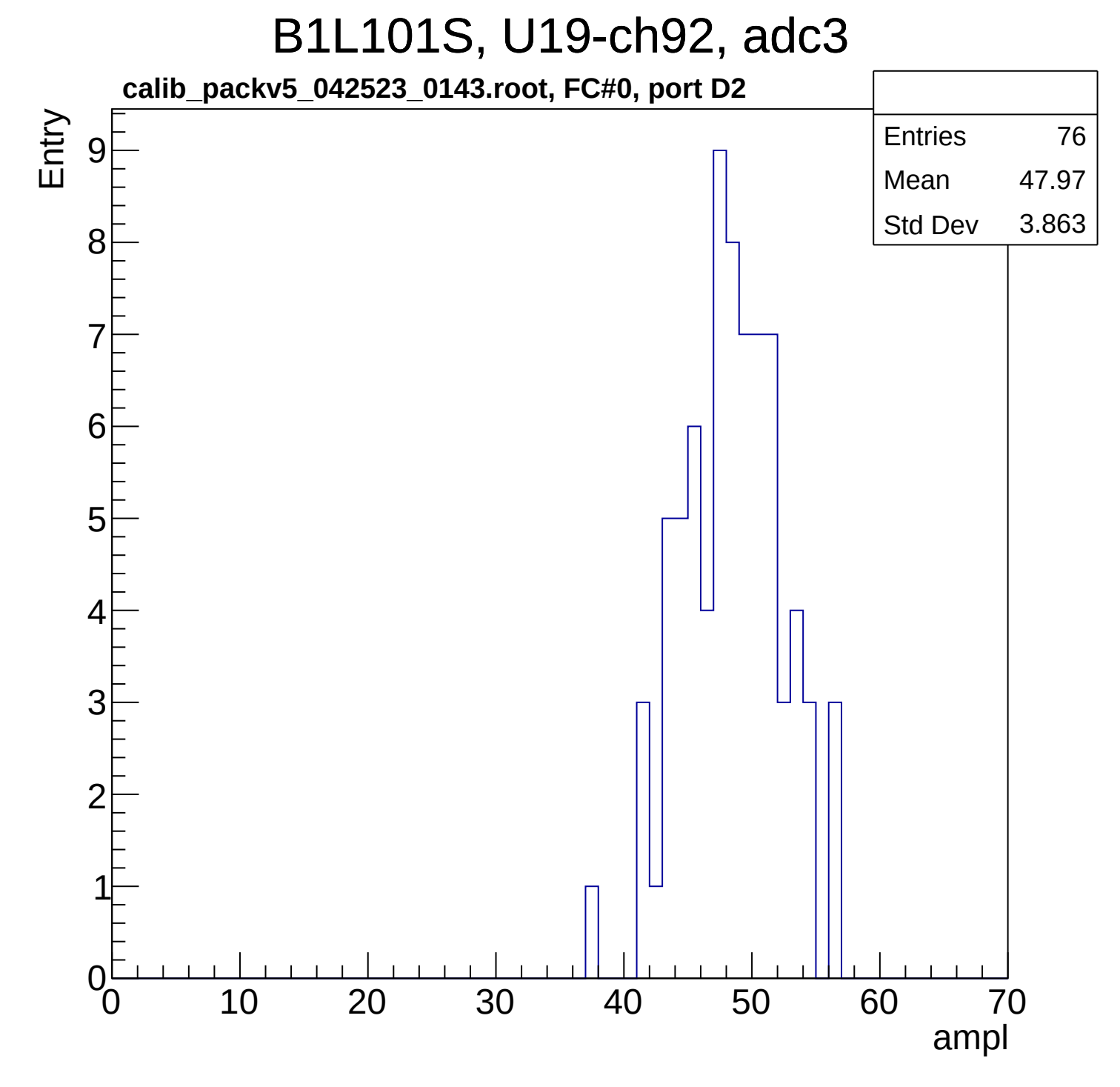
B1L101S, U19-ch92, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 47.97
Std Dev 3.863
Entry
ampl
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0
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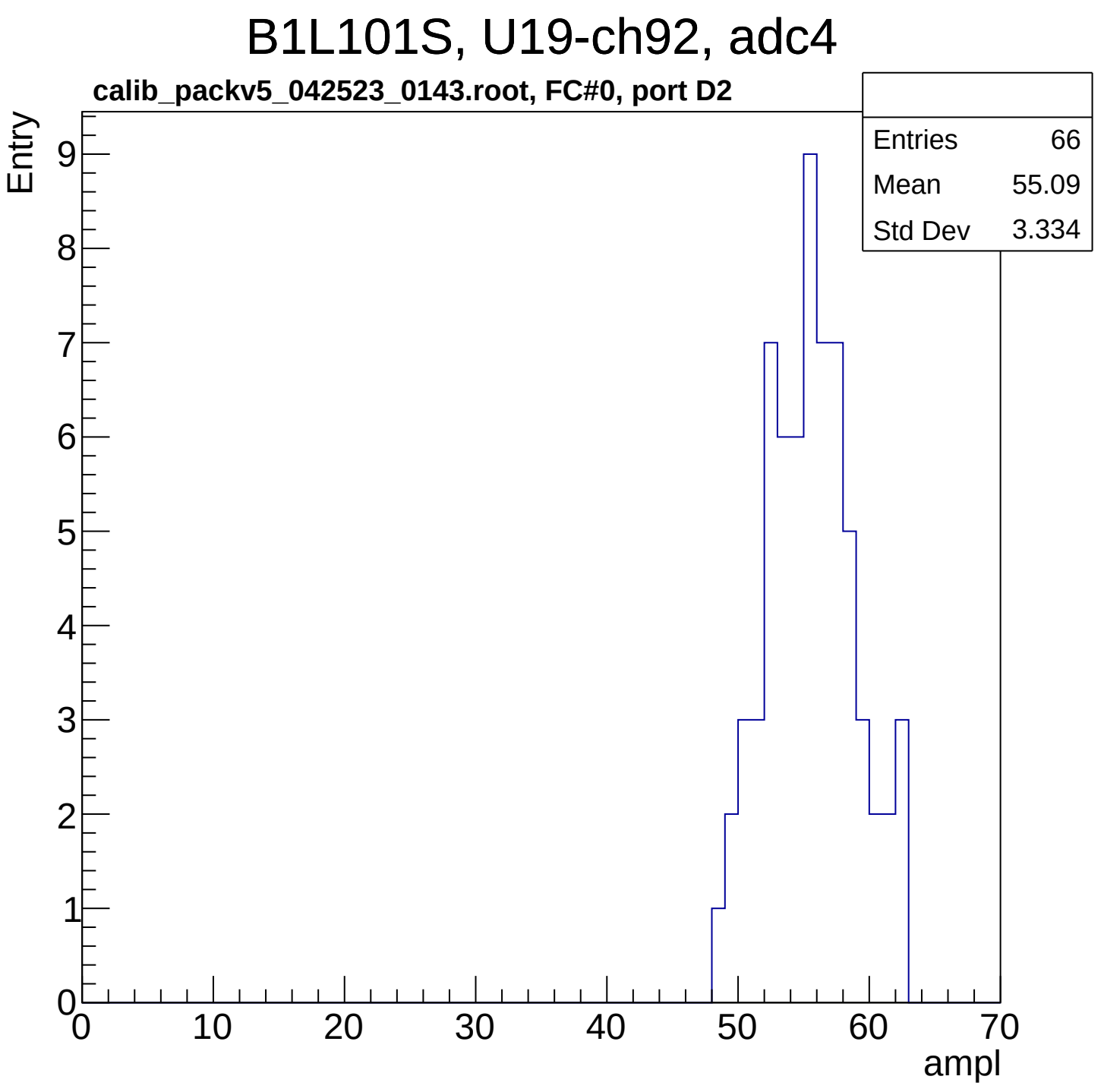
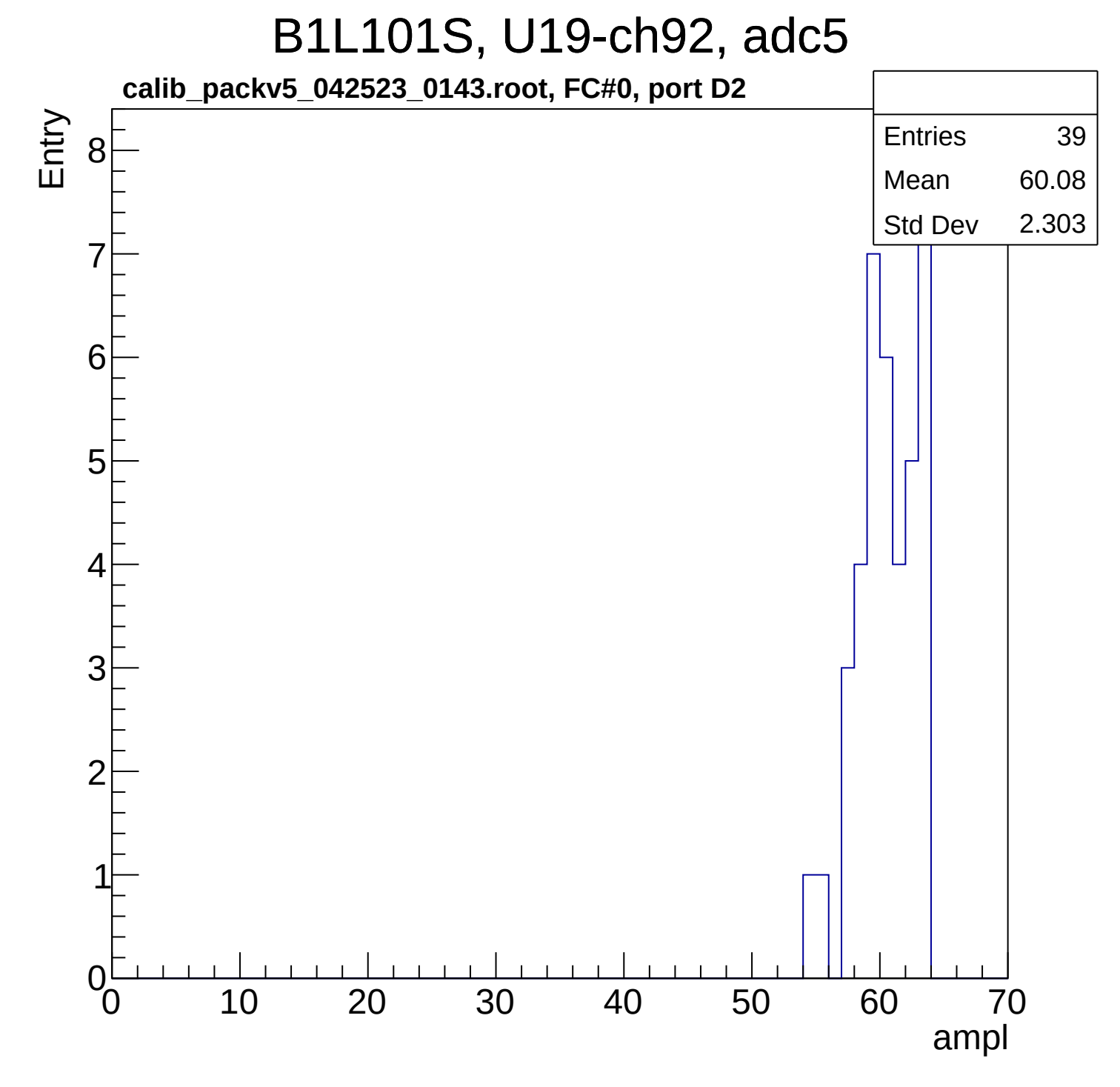

B1L101S, U19-ch92, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 55.09
Std Dev 3.334
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch92, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 60.08
Std Dev 2.303
Entry
ampl
0
1
2
3
4
5
6
7
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0
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60
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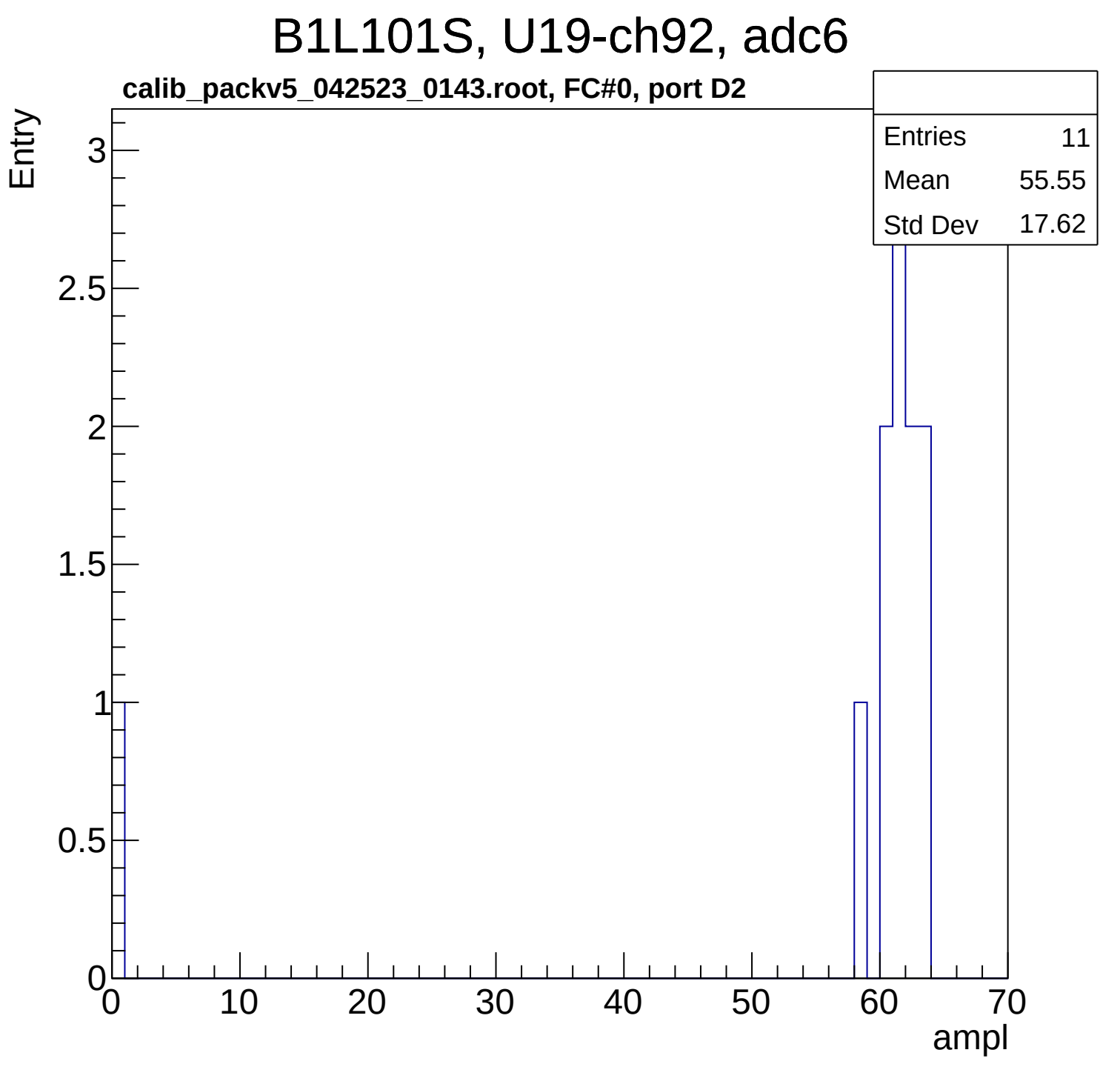
B1L101S, U19-ch92, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 55.55
Std Dev 17.62
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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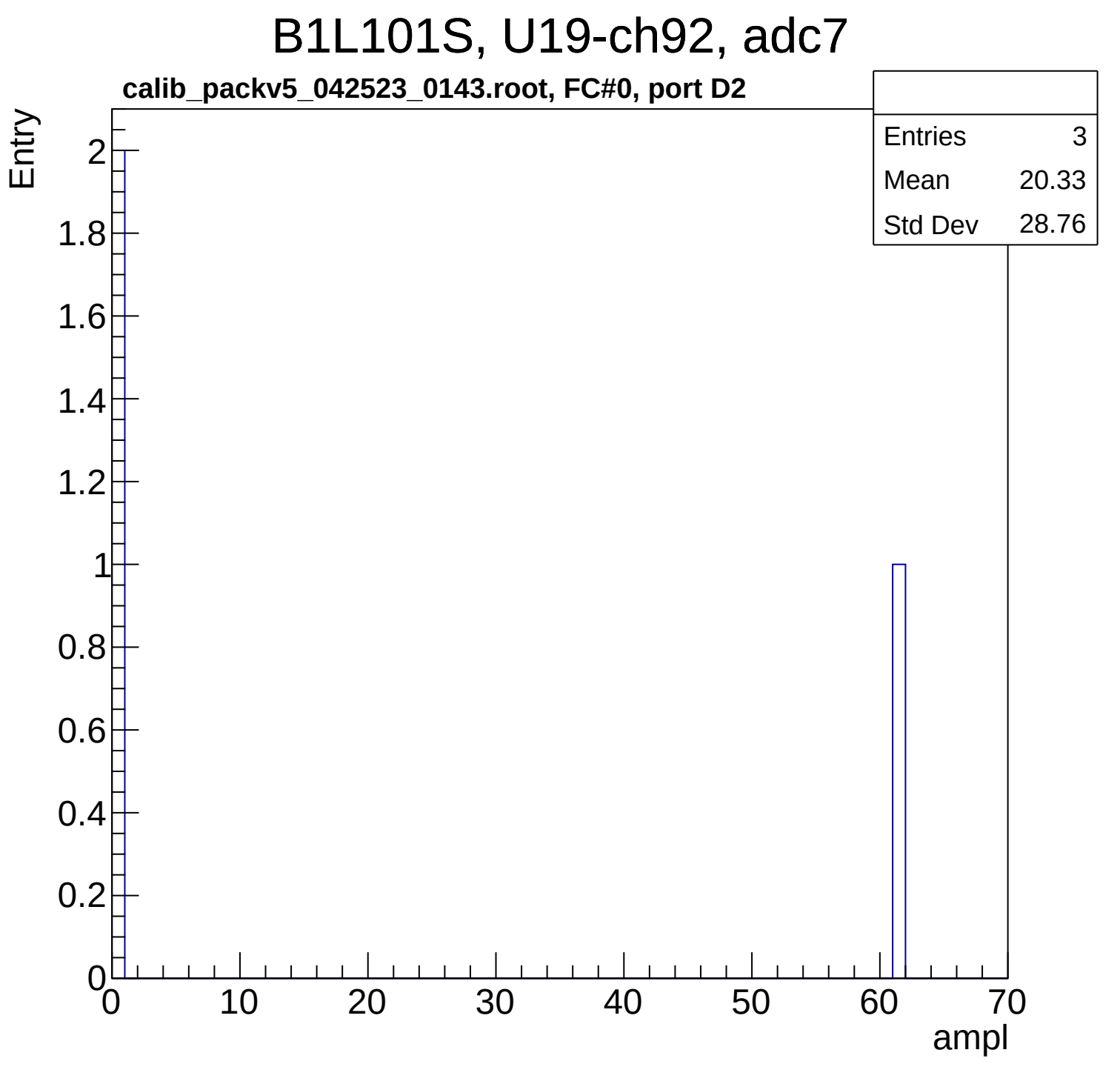
B1L101S, U19-ch92, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 20.33
Std Dev 28.76
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
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60
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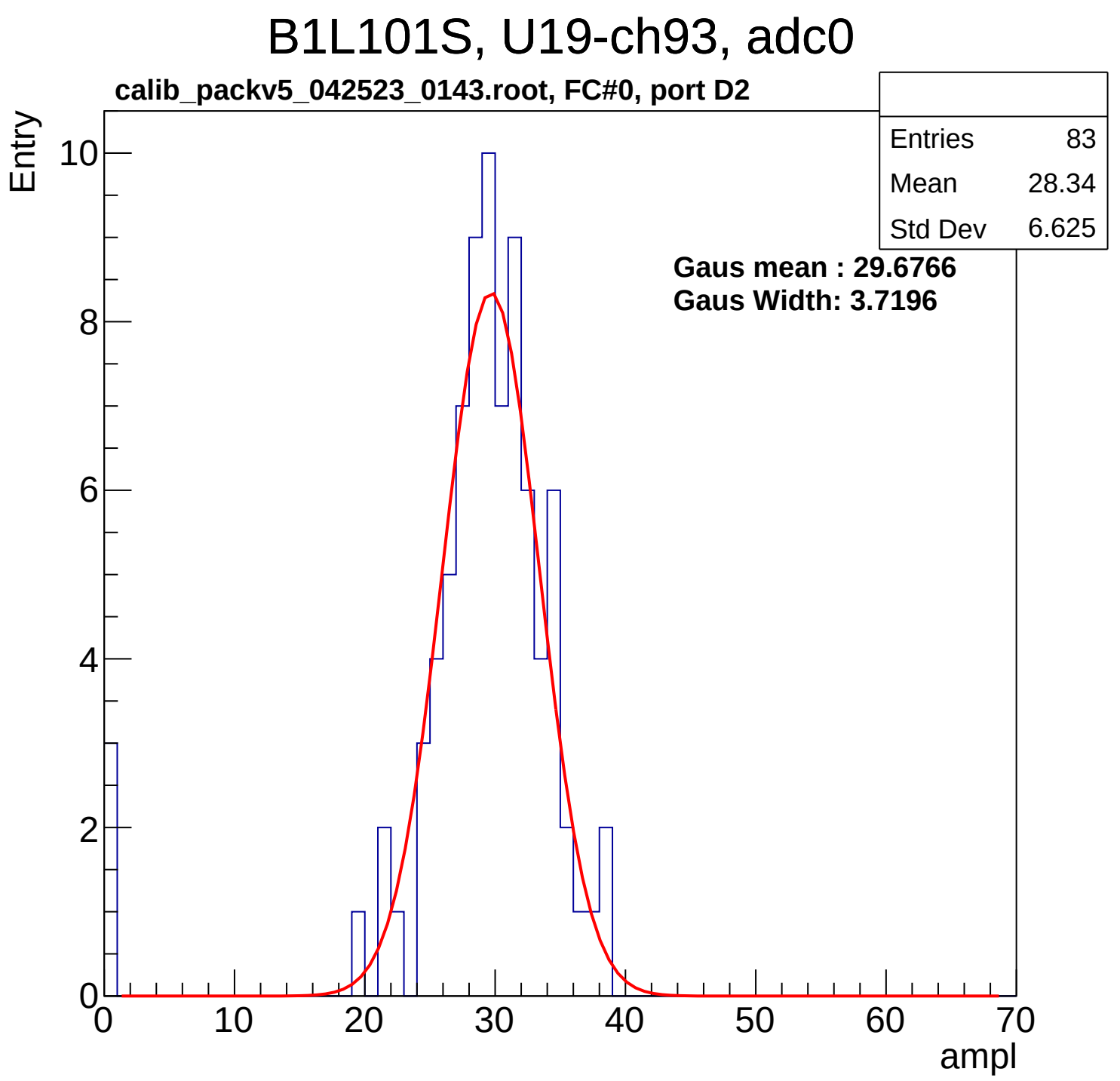
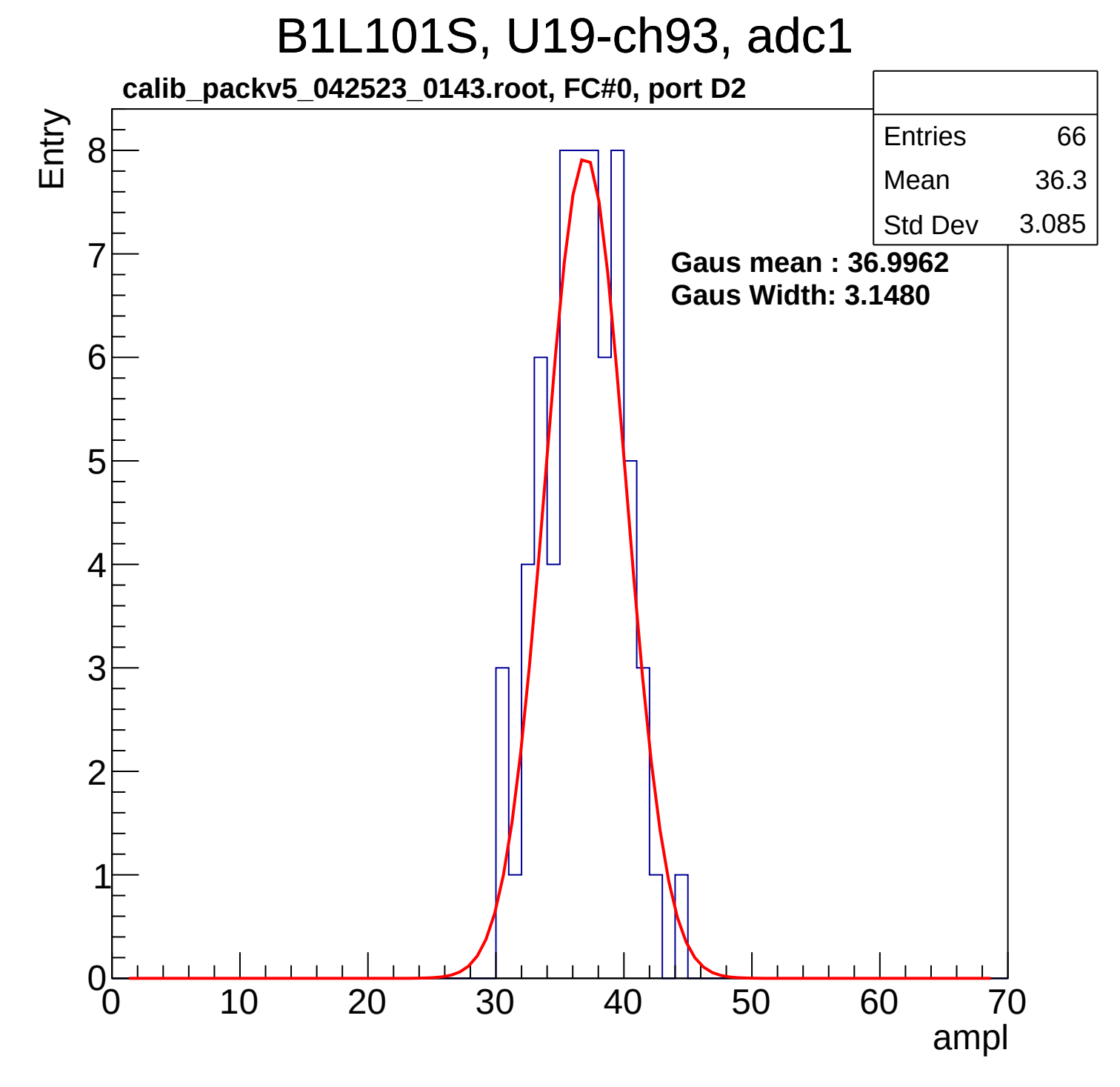

B1L101S, U19-ch93, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 28.34
Std Dev 6.625
Gaus mean : 29.6766
Gaus Width: 3.7196
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch93, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 36.3
Std Dev 3.085
Gaus mean : 36.9962
Gaus Width: 3.1480
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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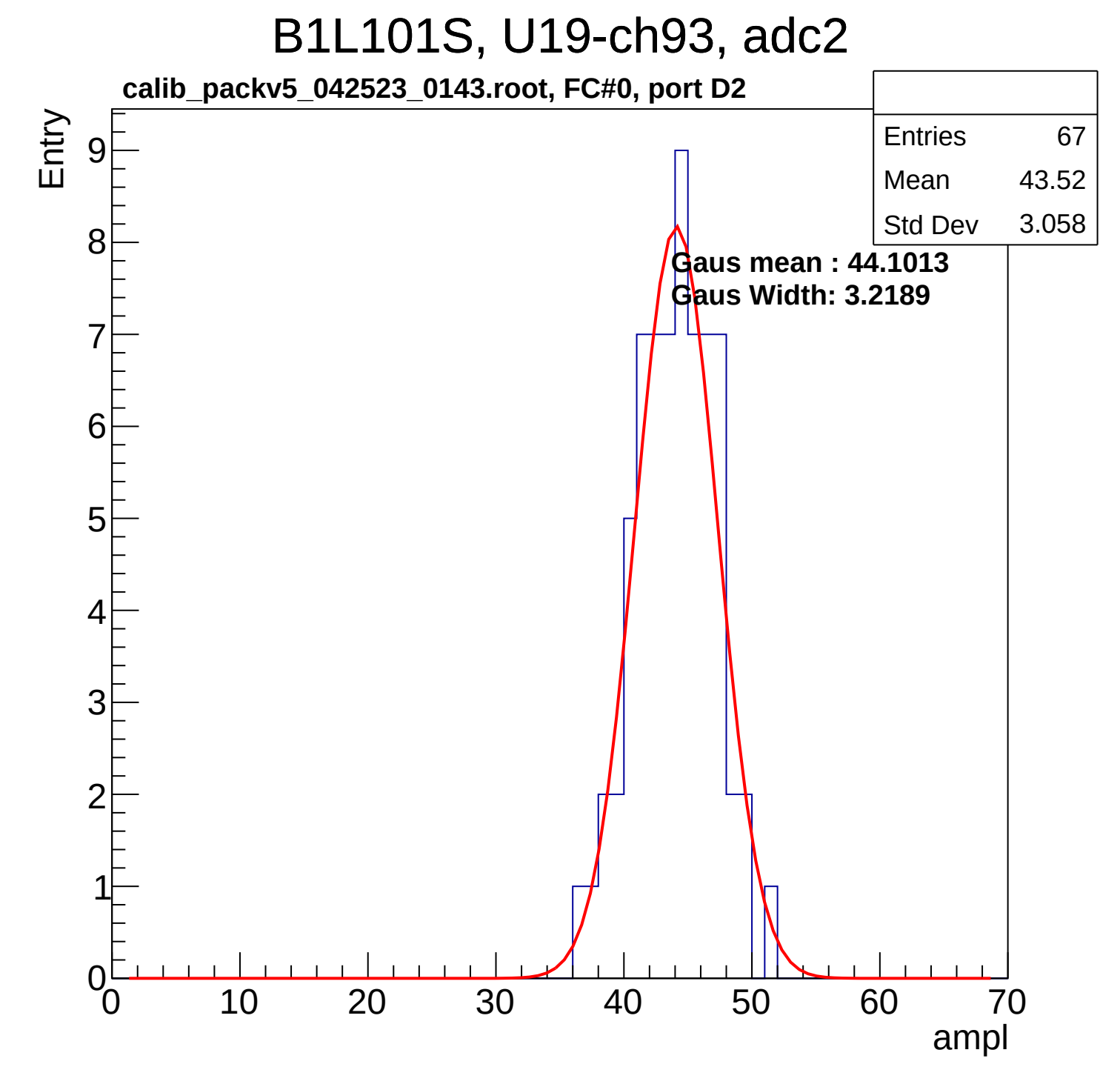
B1L101S, U19-ch93, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 43.52
Std Dev 3.058
Gaus mean : 44.1013
Gaus Width: 3.2189
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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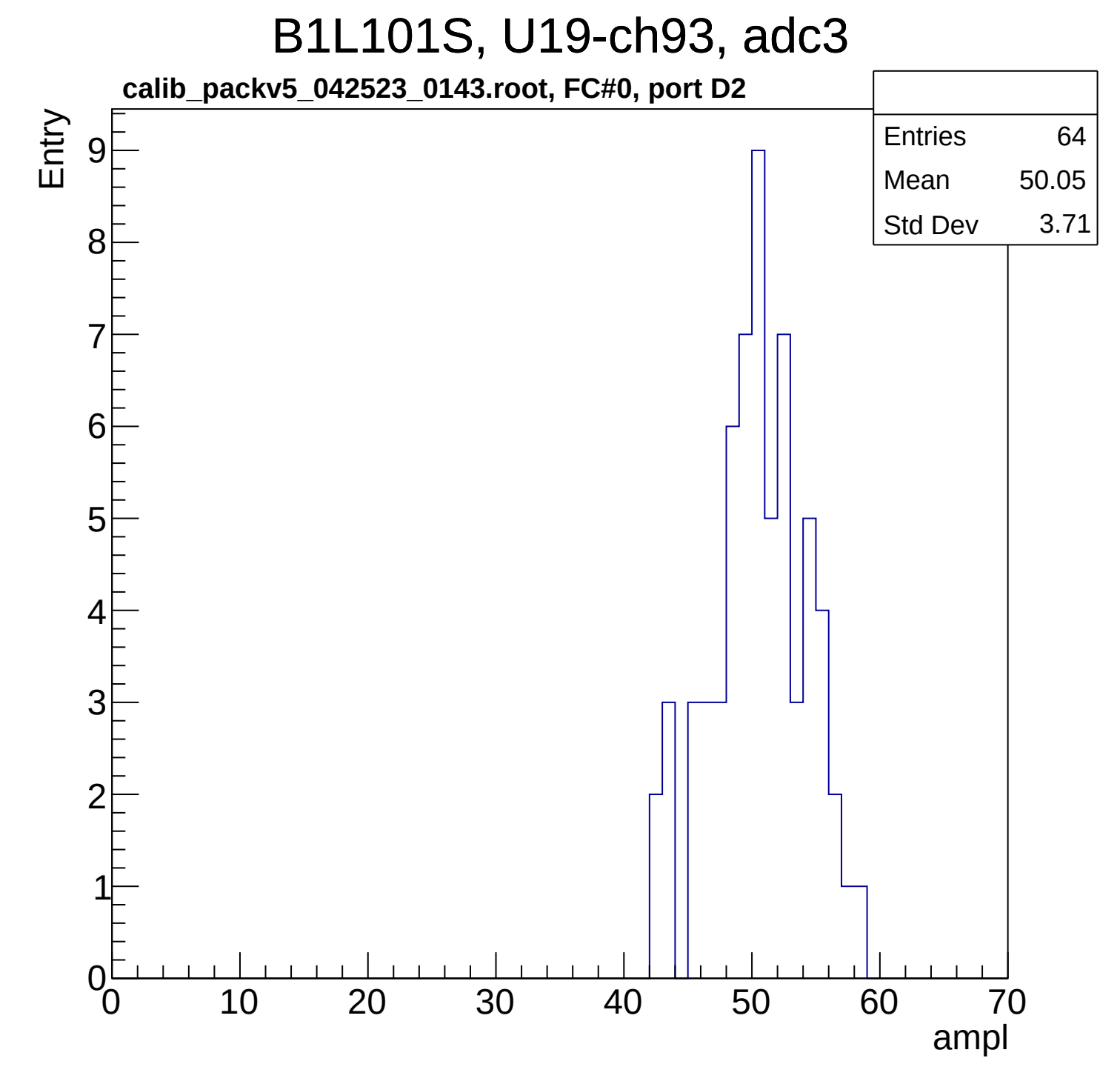
B1L101S, U19-ch93, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 50.05
Std Dev 3.71
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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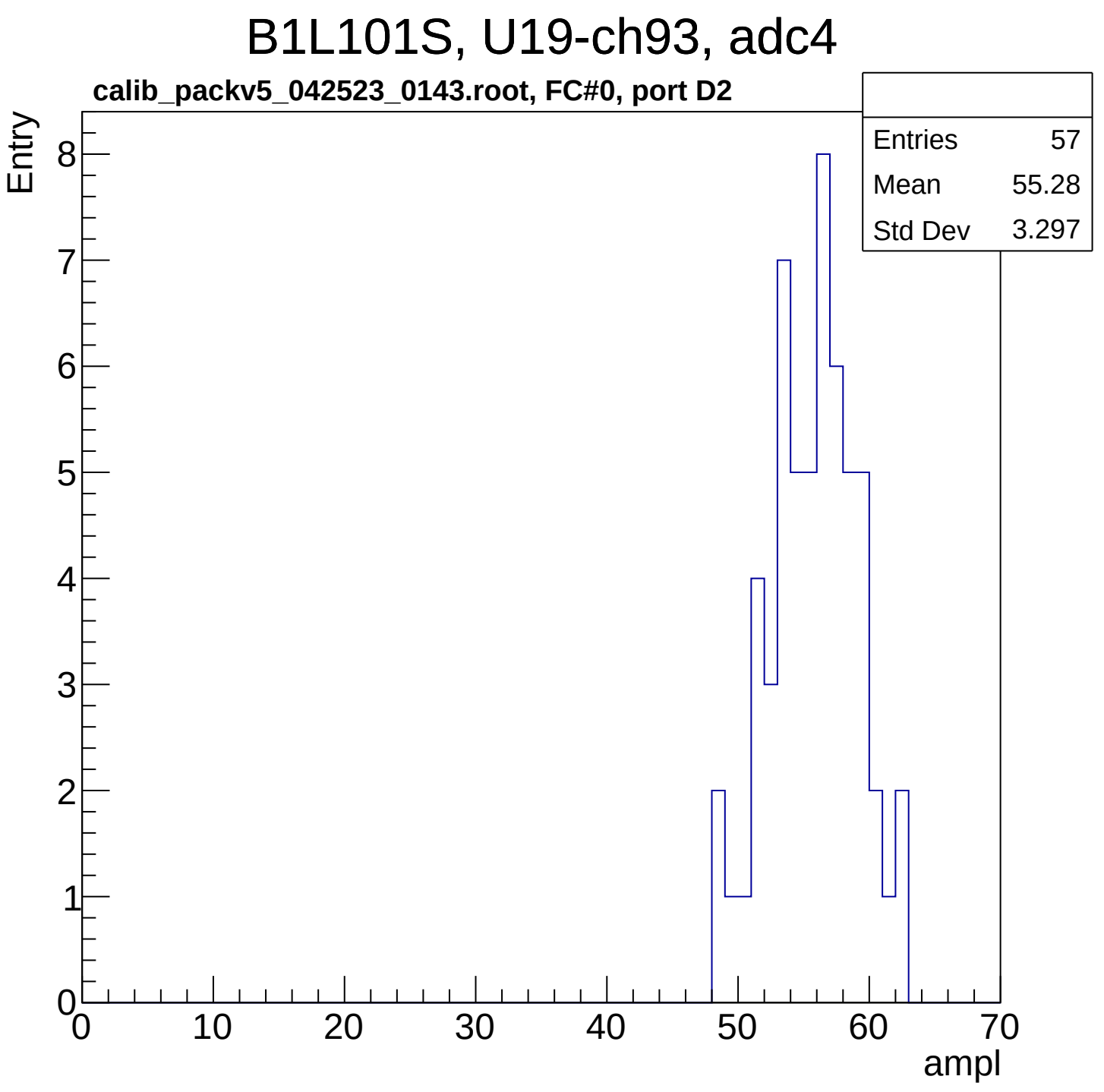
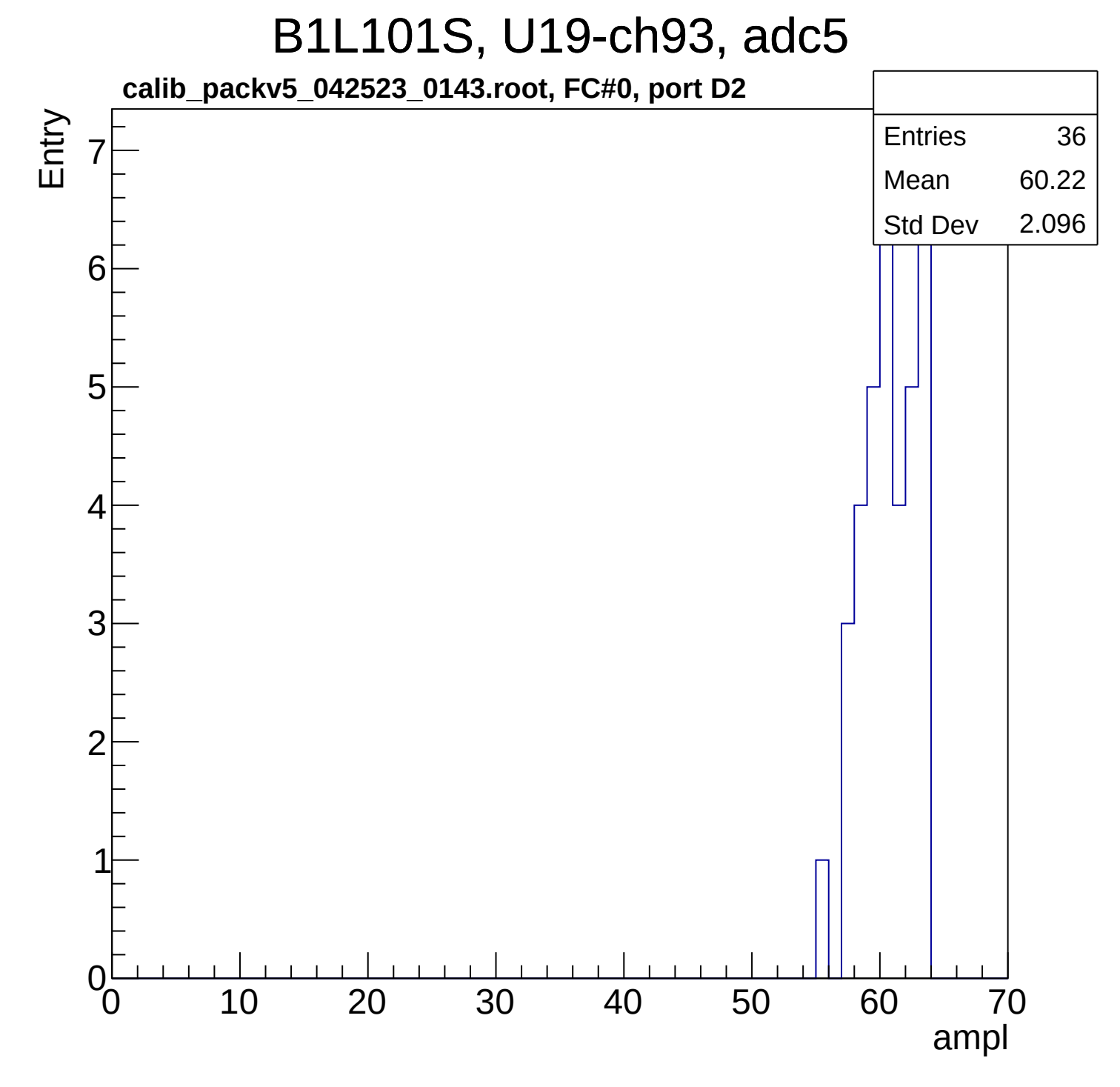
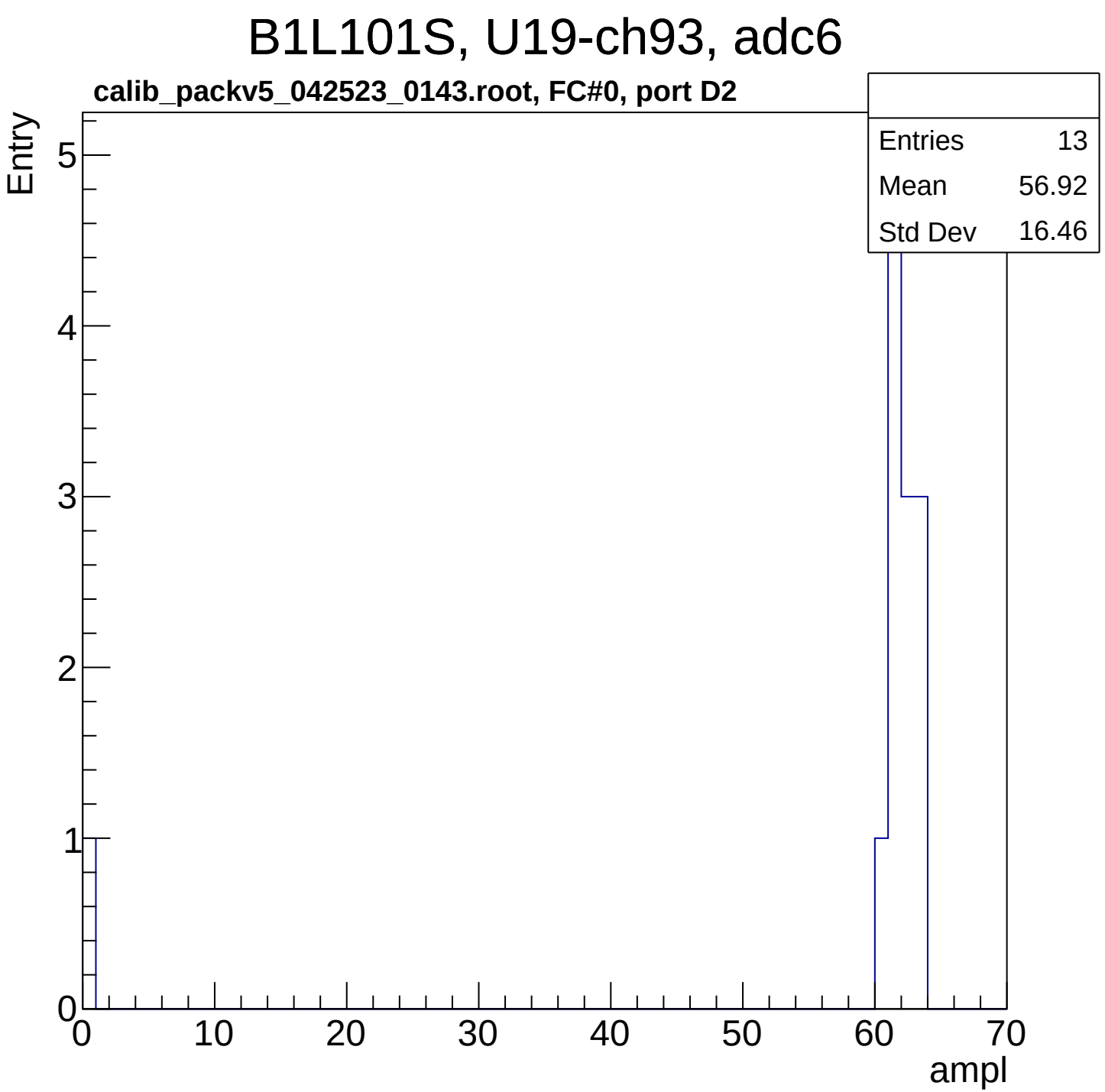
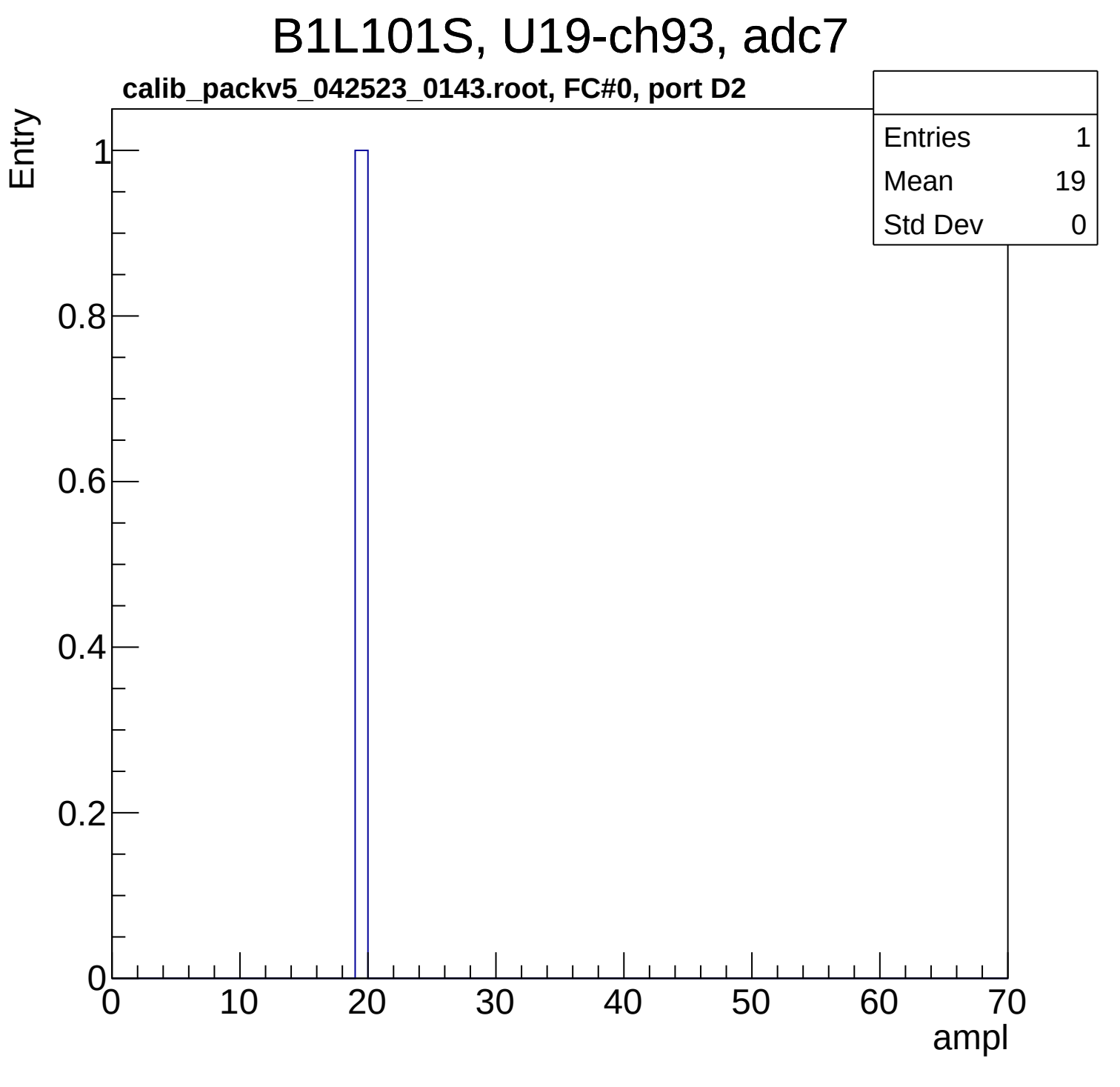

B1L101S, U19-ch93, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 55.28
Std Dev 3.297
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch93, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 60.22
Std Dev 2.096
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch93, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 13
Mean 56.92
Std Dev 16.46
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch93, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 19
Std Dev 0
Entry
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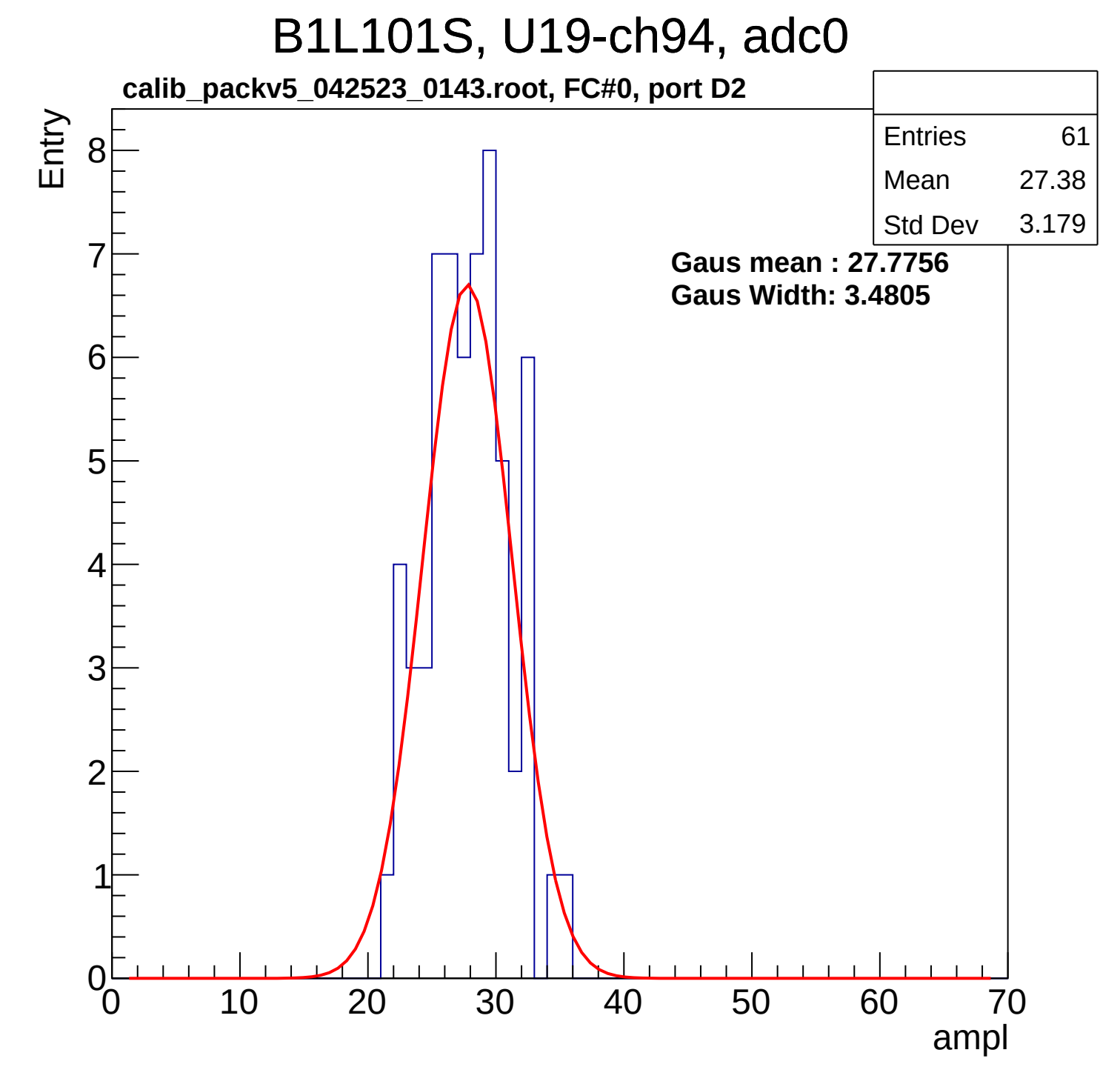
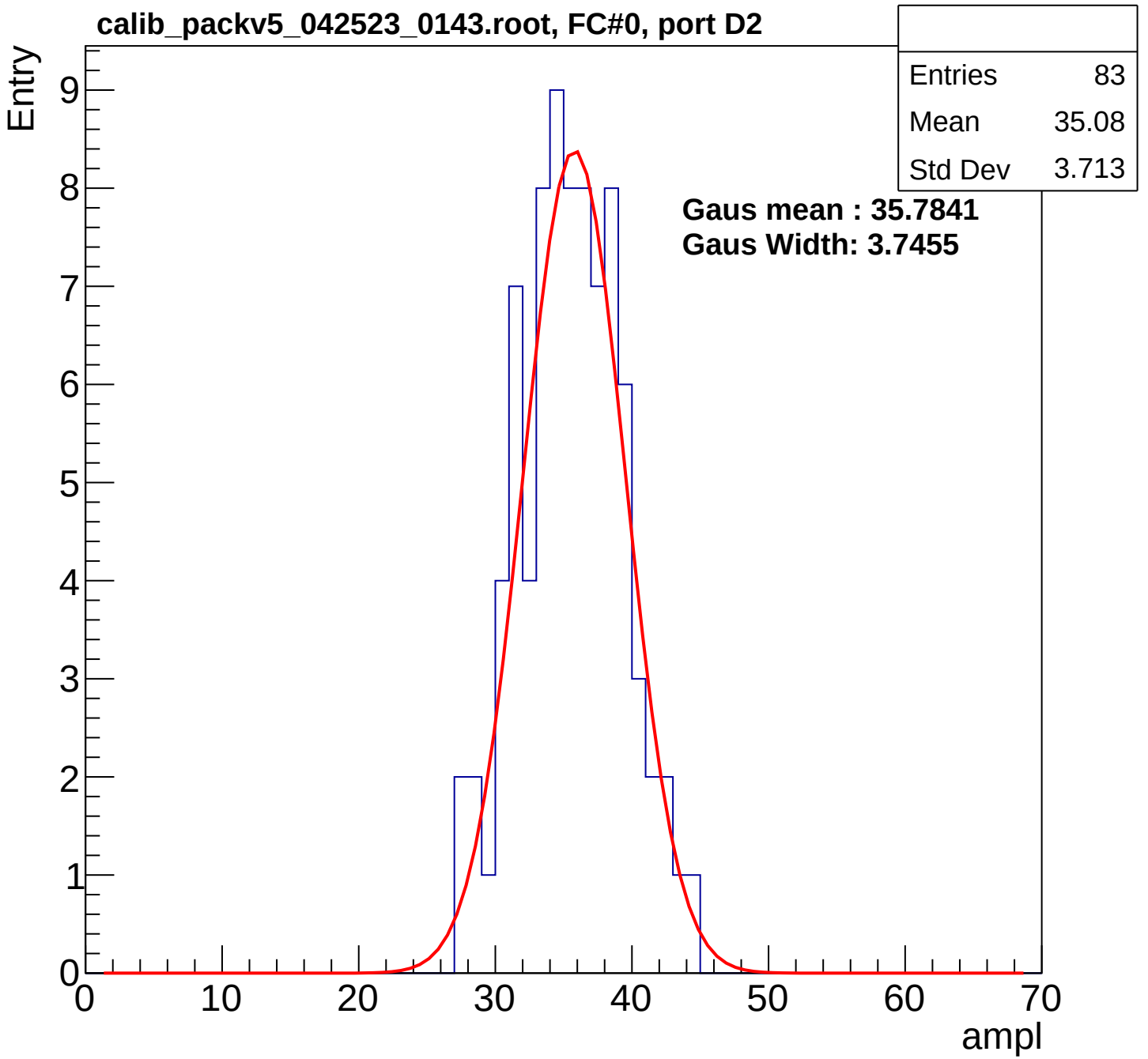
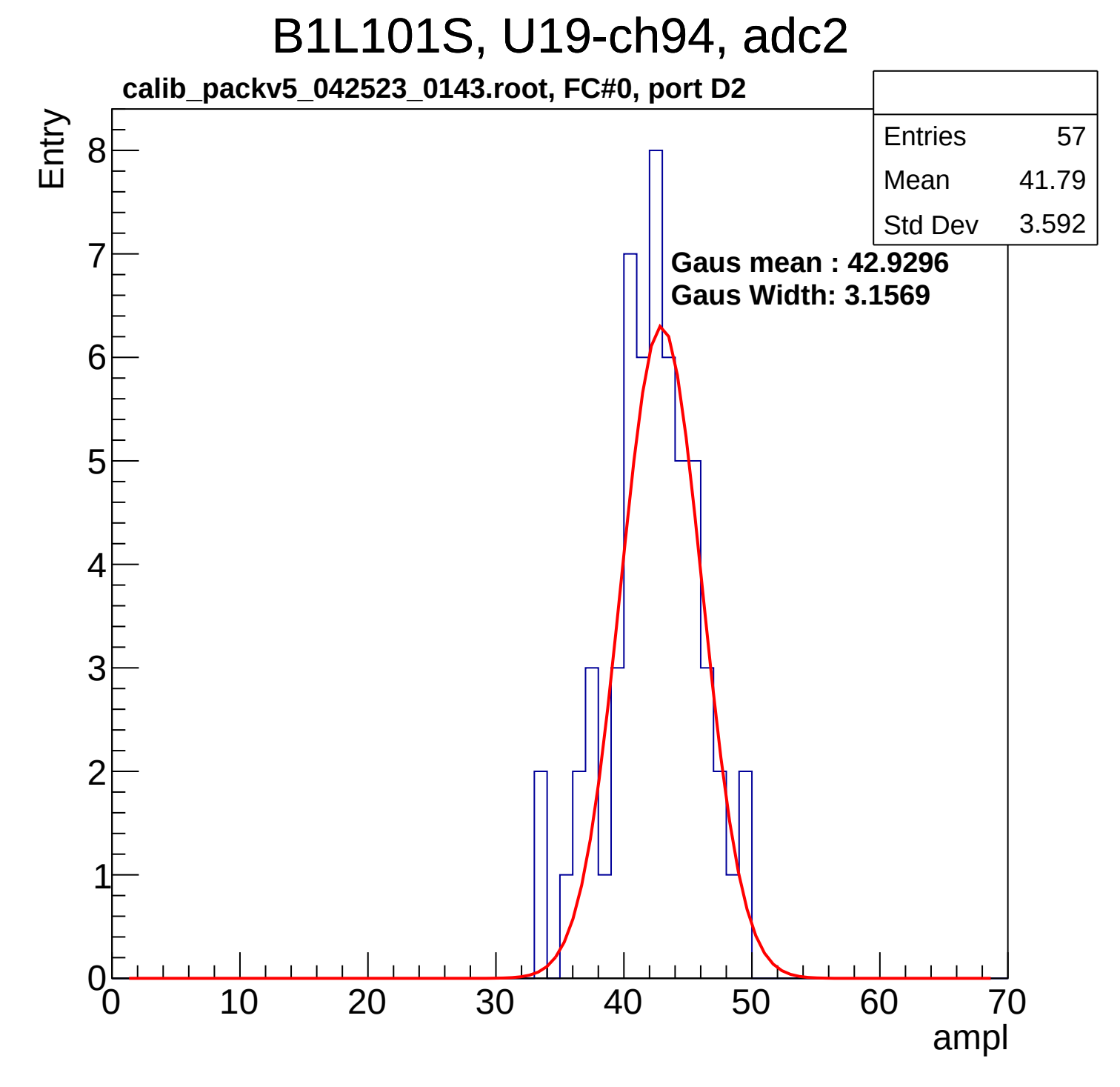
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch94, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 27.38
Std Dev 3.179
Gaus mean : 27.7756
Gaus Width: 3.4805
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch94, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 35.08
Std Dev 3.713
Gaus mean : 35.7841
Gaus Width: 3.7455
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch94, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 41.79
Std Dev 3.592
Gaus mean : 42.9296
Gaus Width: 3.1569
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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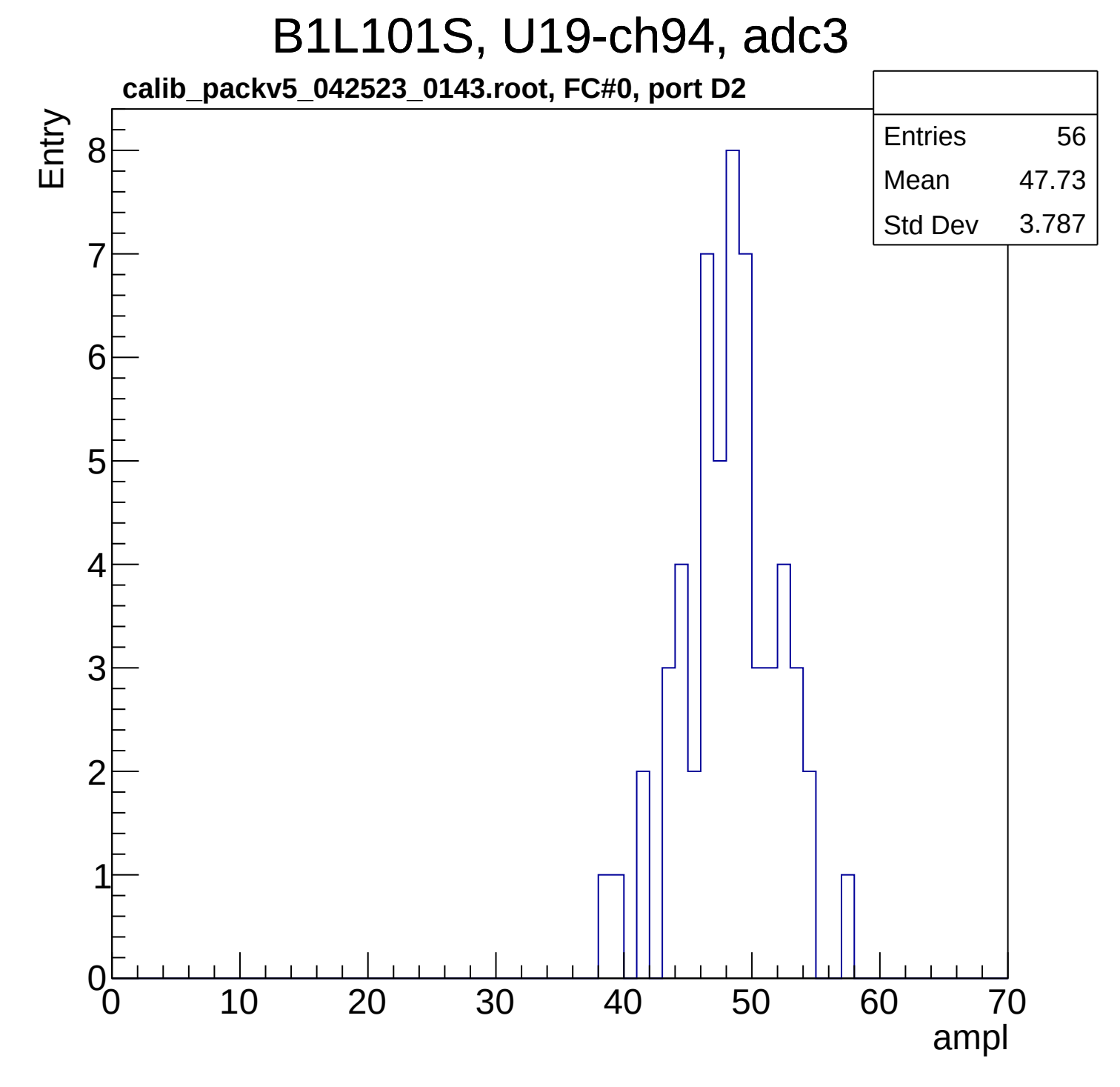
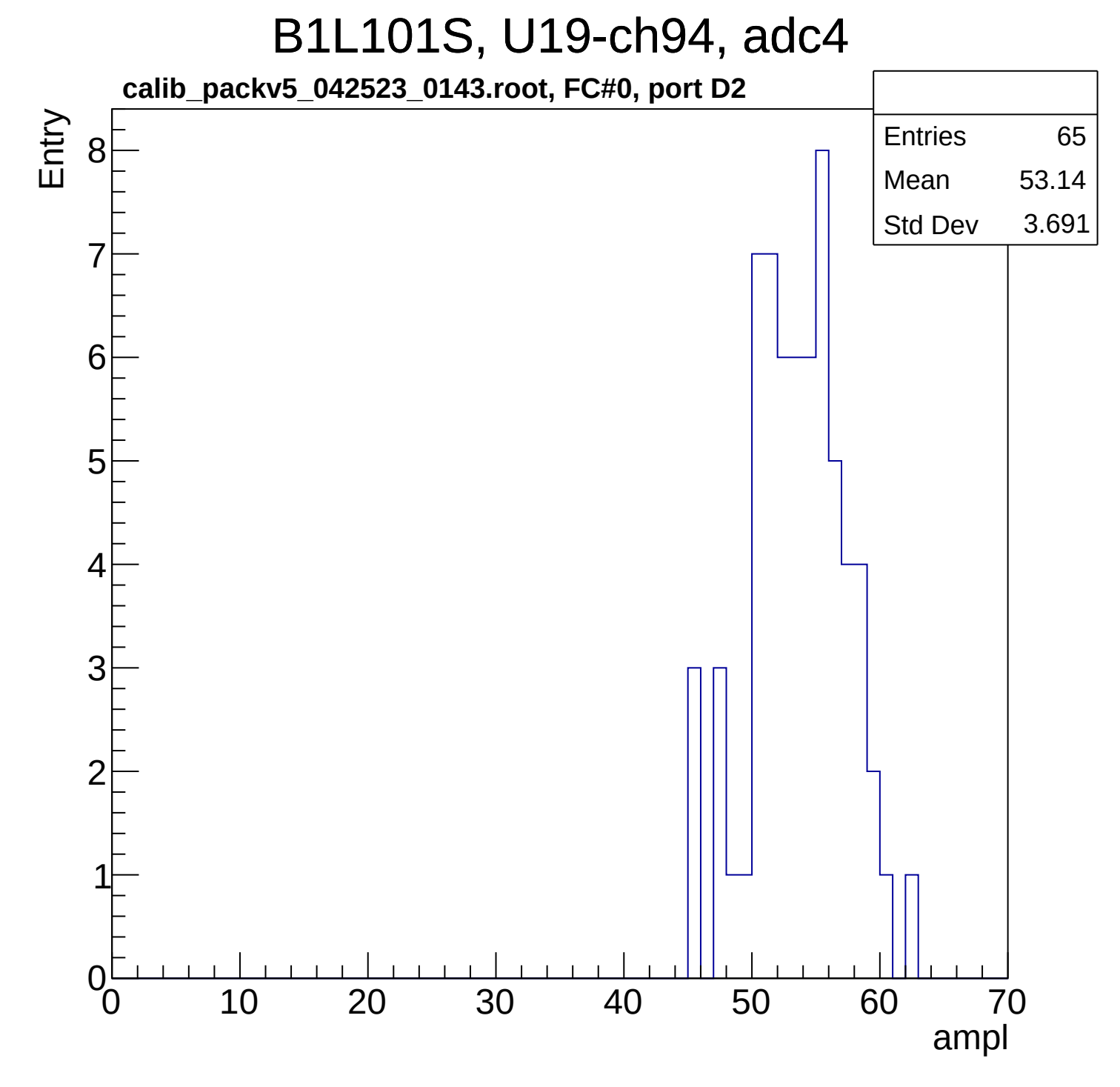

B1L101S, U19-ch94, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 47.73
Std Dev 3.787
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch94, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 53.14
Std Dev 3.691
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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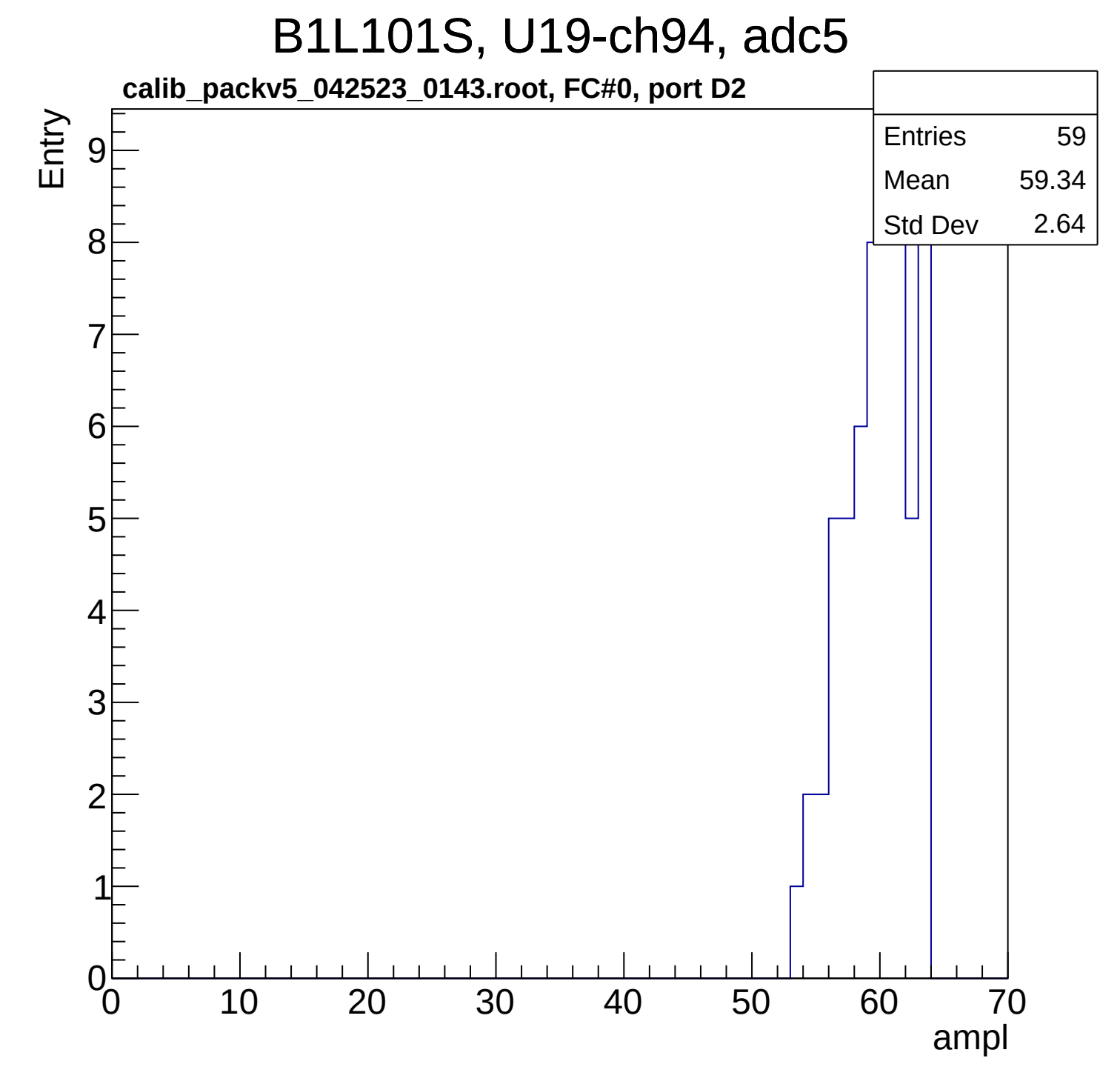
B1L101S, U19-ch94, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 59.34
Std Dev 2.64
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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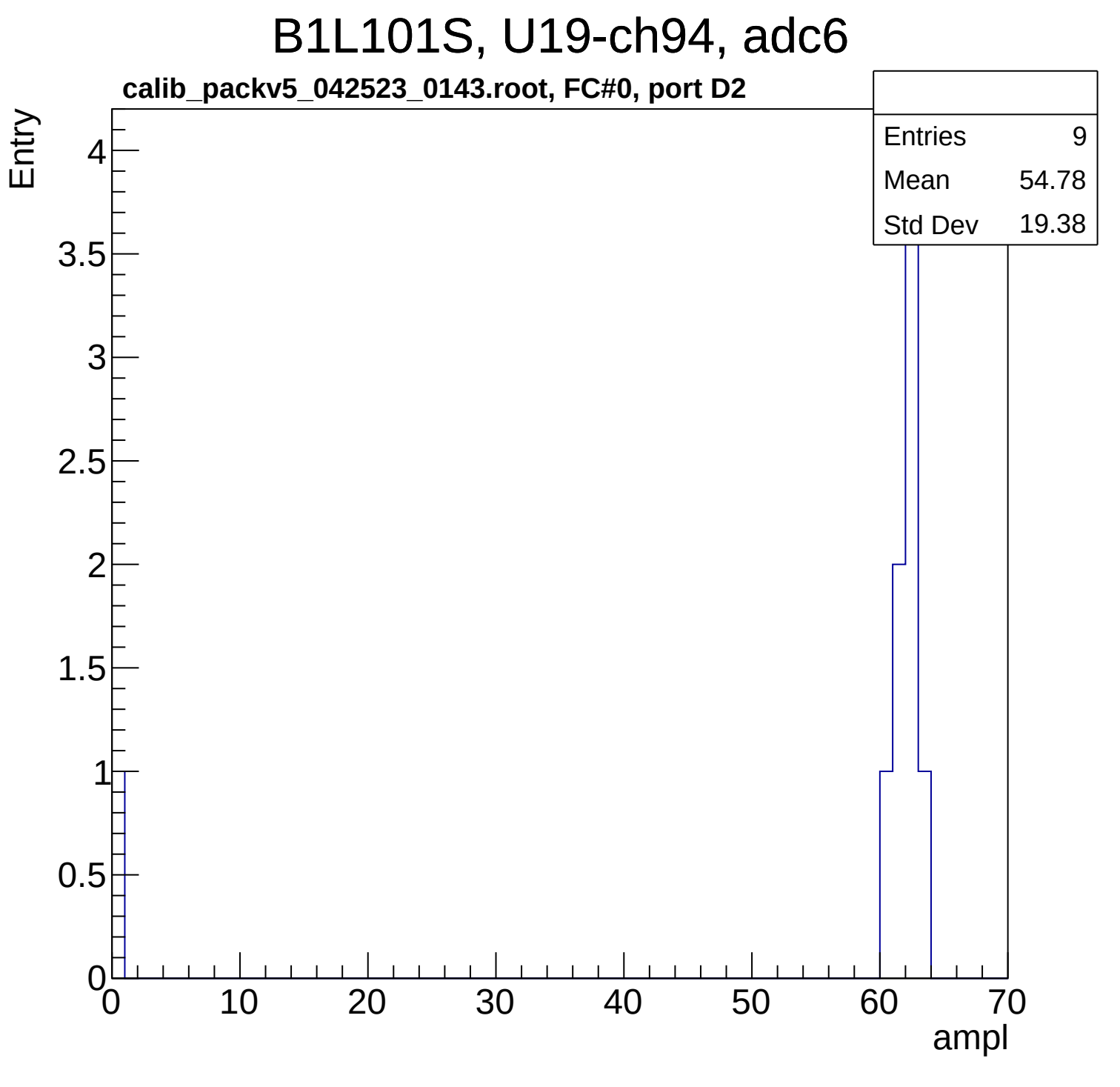
B1L101S, U19-ch94, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 54.78
Std Dev 19.38
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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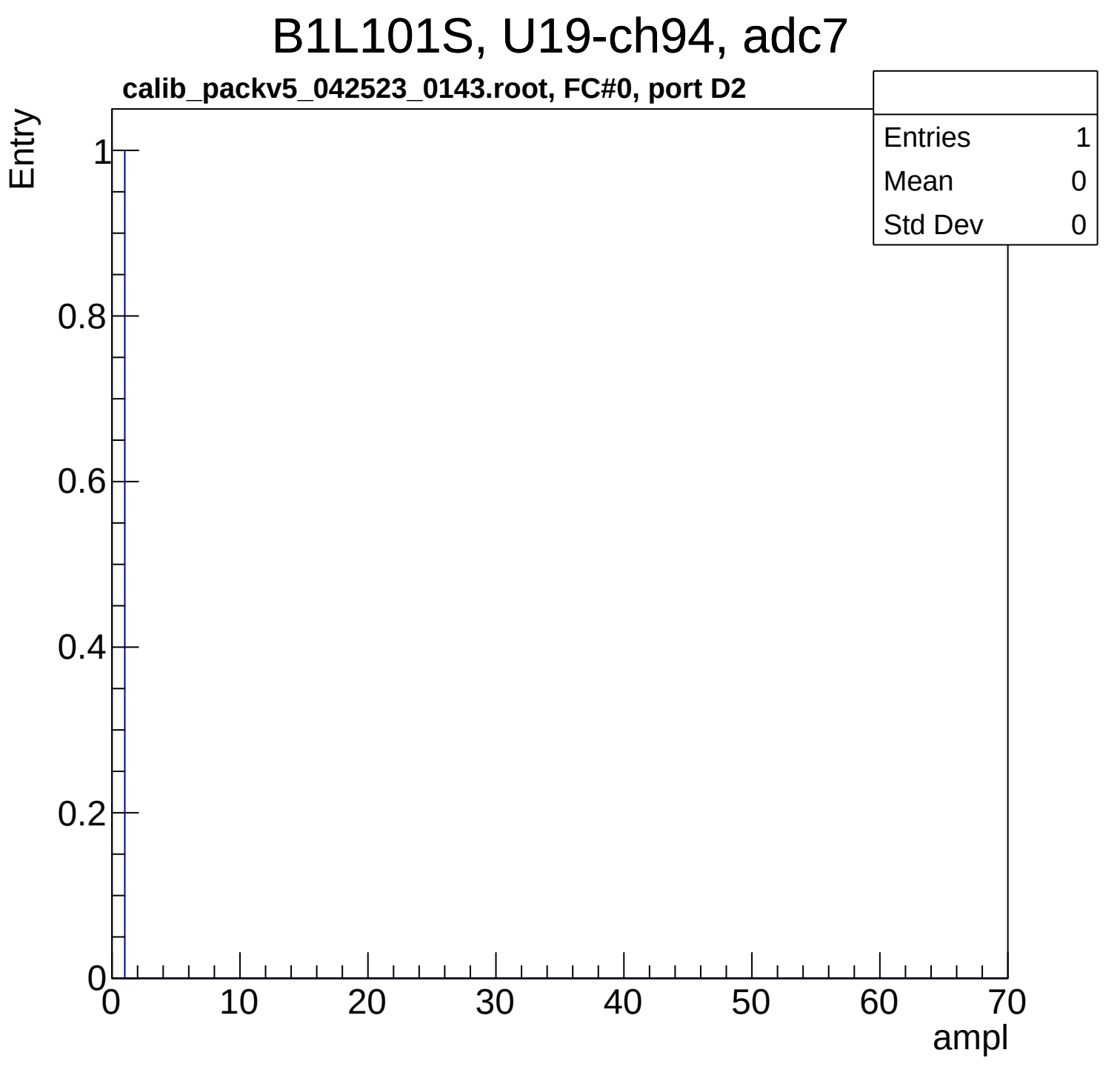
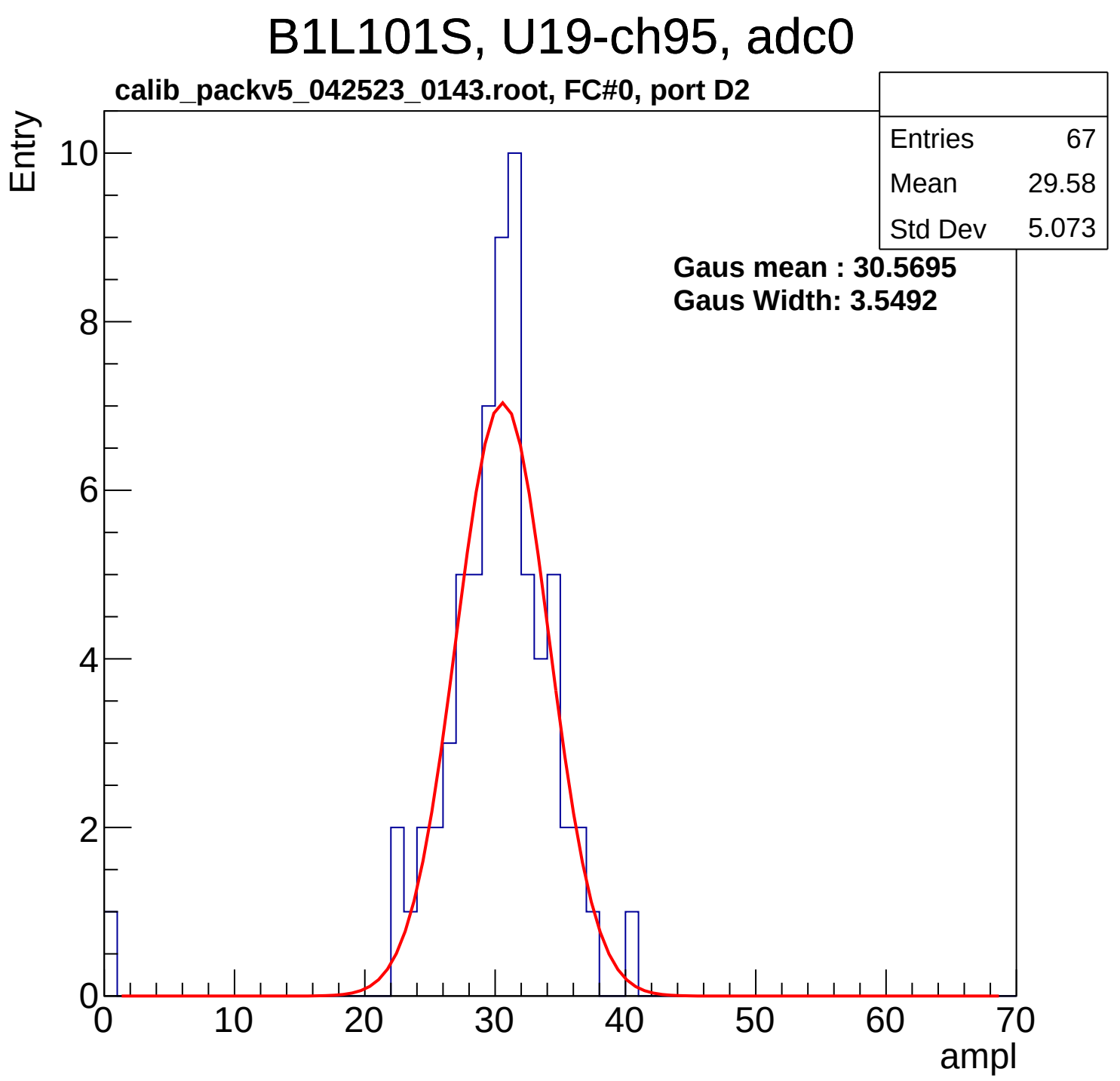
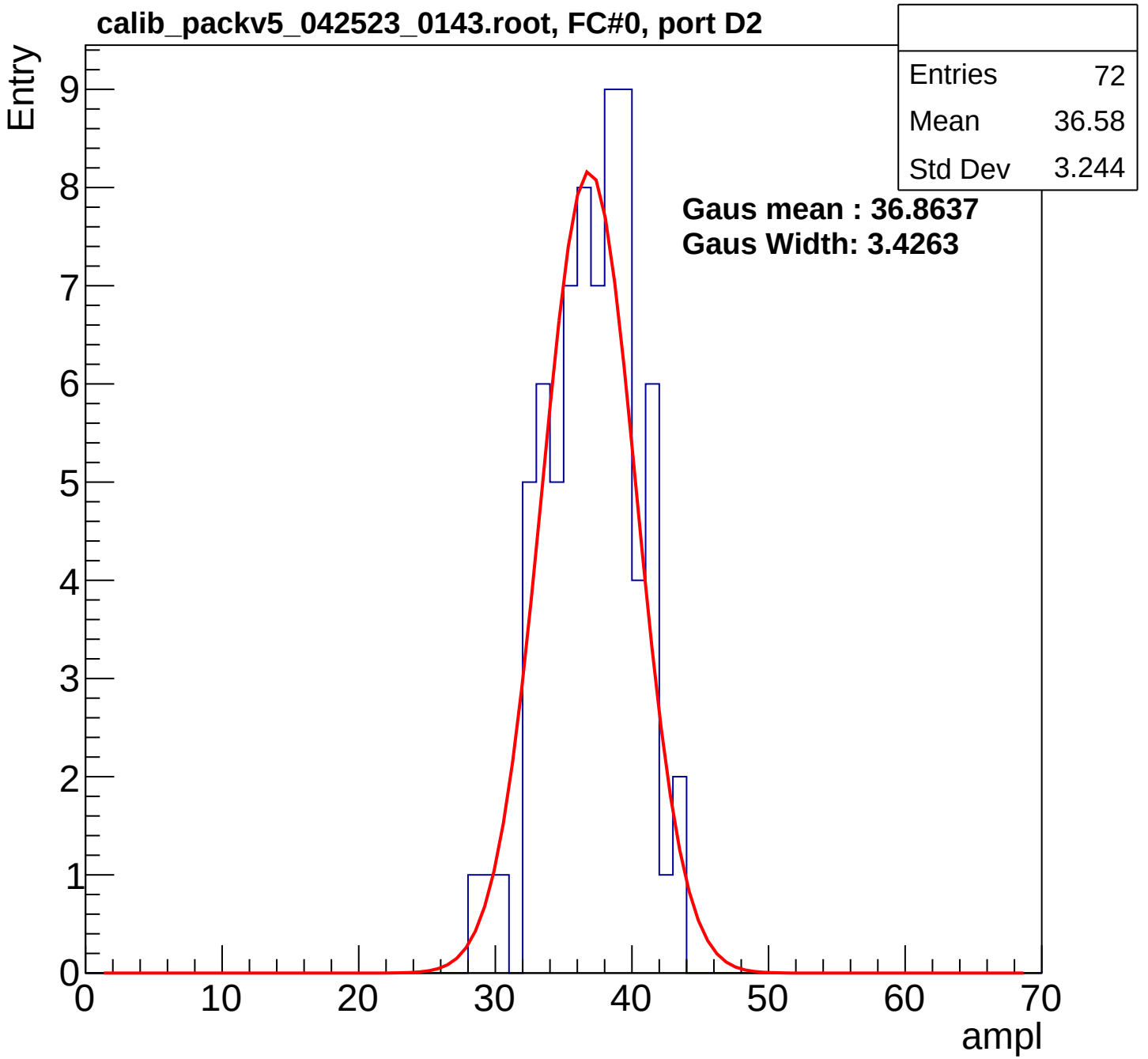

B1L101S, U19-ch94, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch95, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 29.58
Std Dev 5.073
Gaus mean : 30.5695
Gaus Width: 3.5492
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch95, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 36.58
Std Dev 3.244
Gaus mean : 36.8637
Gaus Width: 3.4263
Entry
ampl
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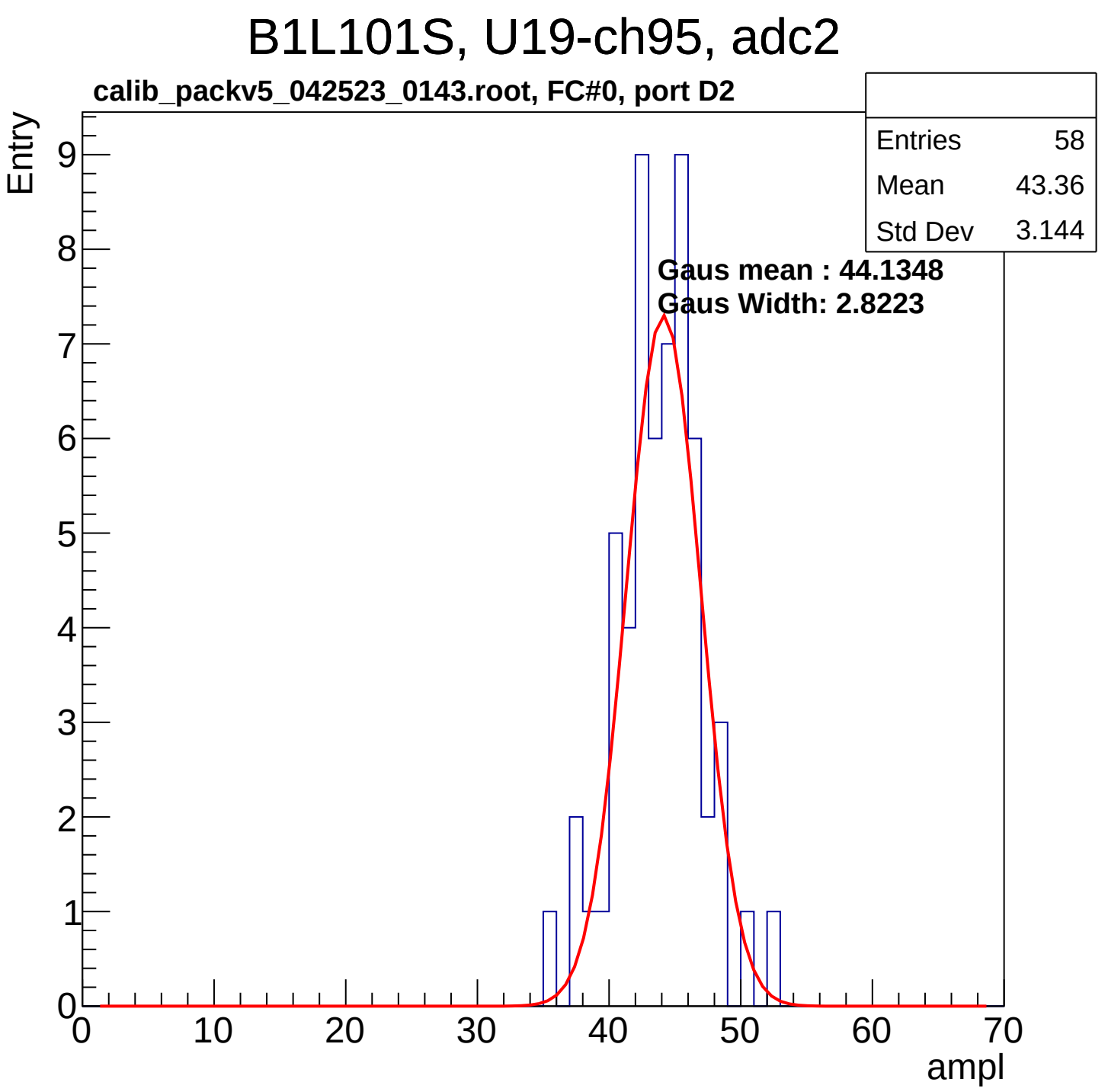
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch95, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 43.36
Std Dev 3.144
Gaus mean : 44.1348
Gaus Width: 2.8223
Entry
ampl
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2
3
4
5
6
7
8
9
0
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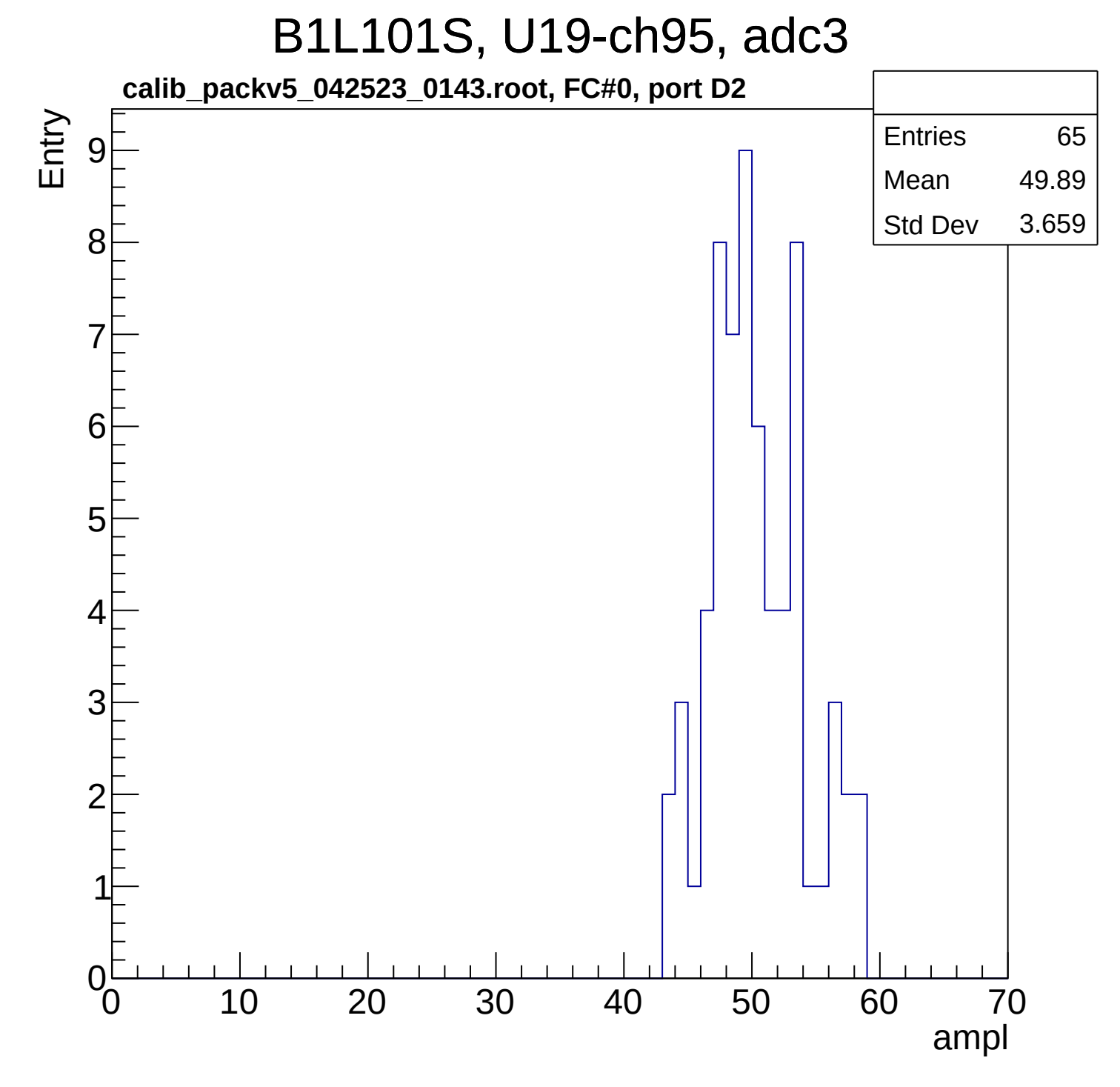
20
30
40
50
60
70


B1L101S, U19-ch95, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 49.89
Std Dev 3.659
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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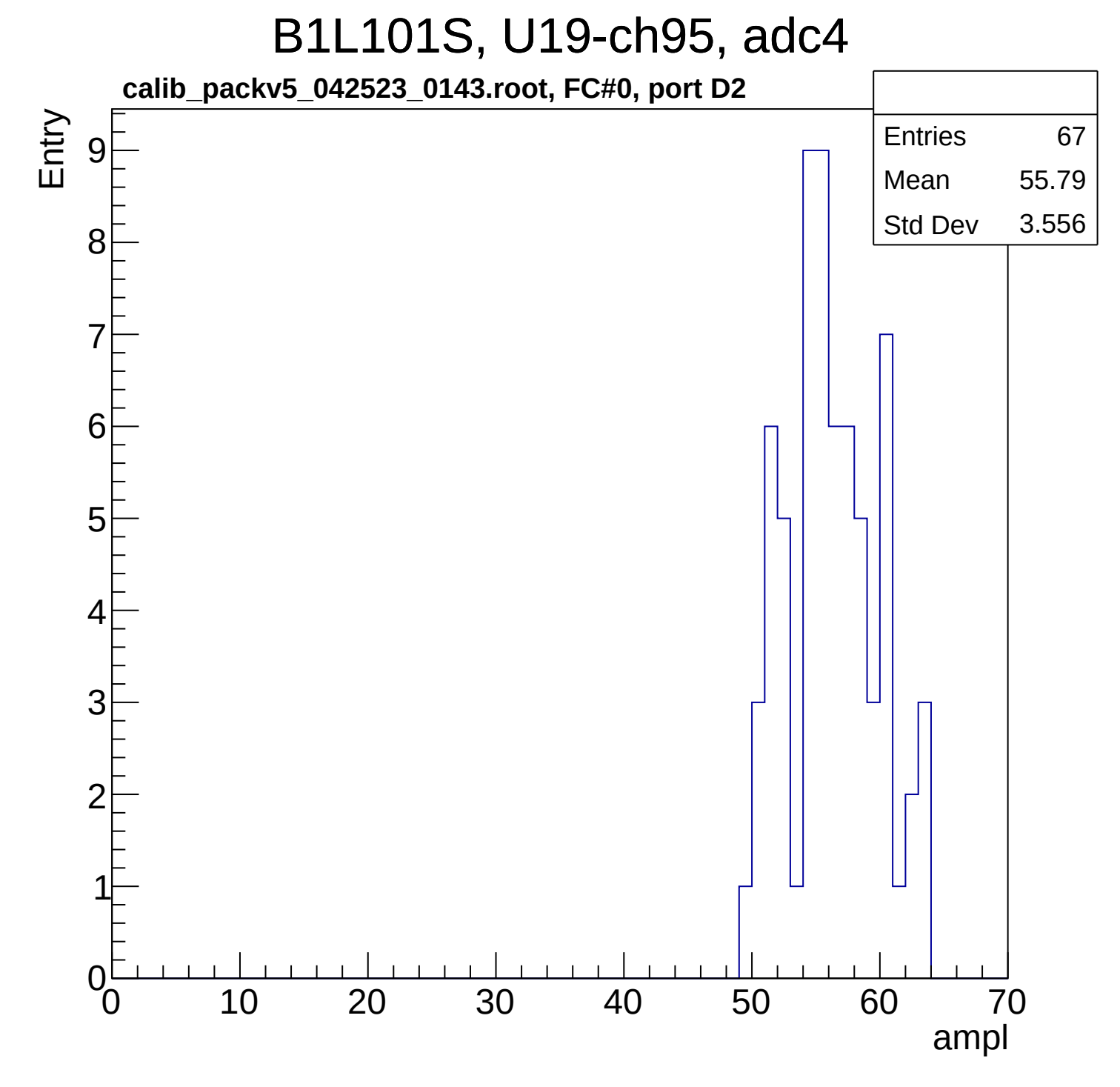
60
70


B1L101S, U19-ch95, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 55.79
Std Dev 3.556
Entry
ampl
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4
5
6
7
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0
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60
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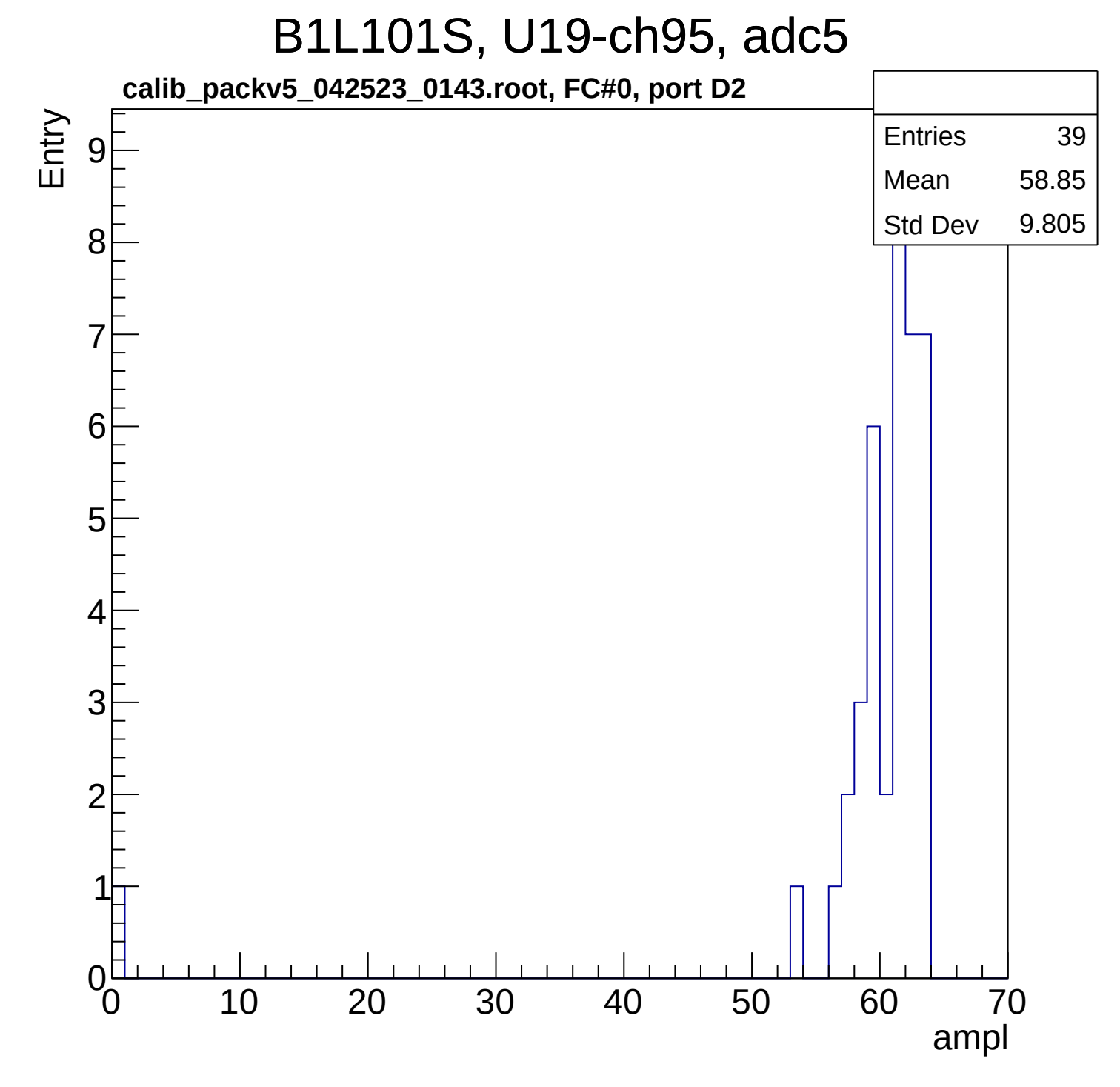
B1L101S, U19-ch95, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 58.85
Std Dev 9.805
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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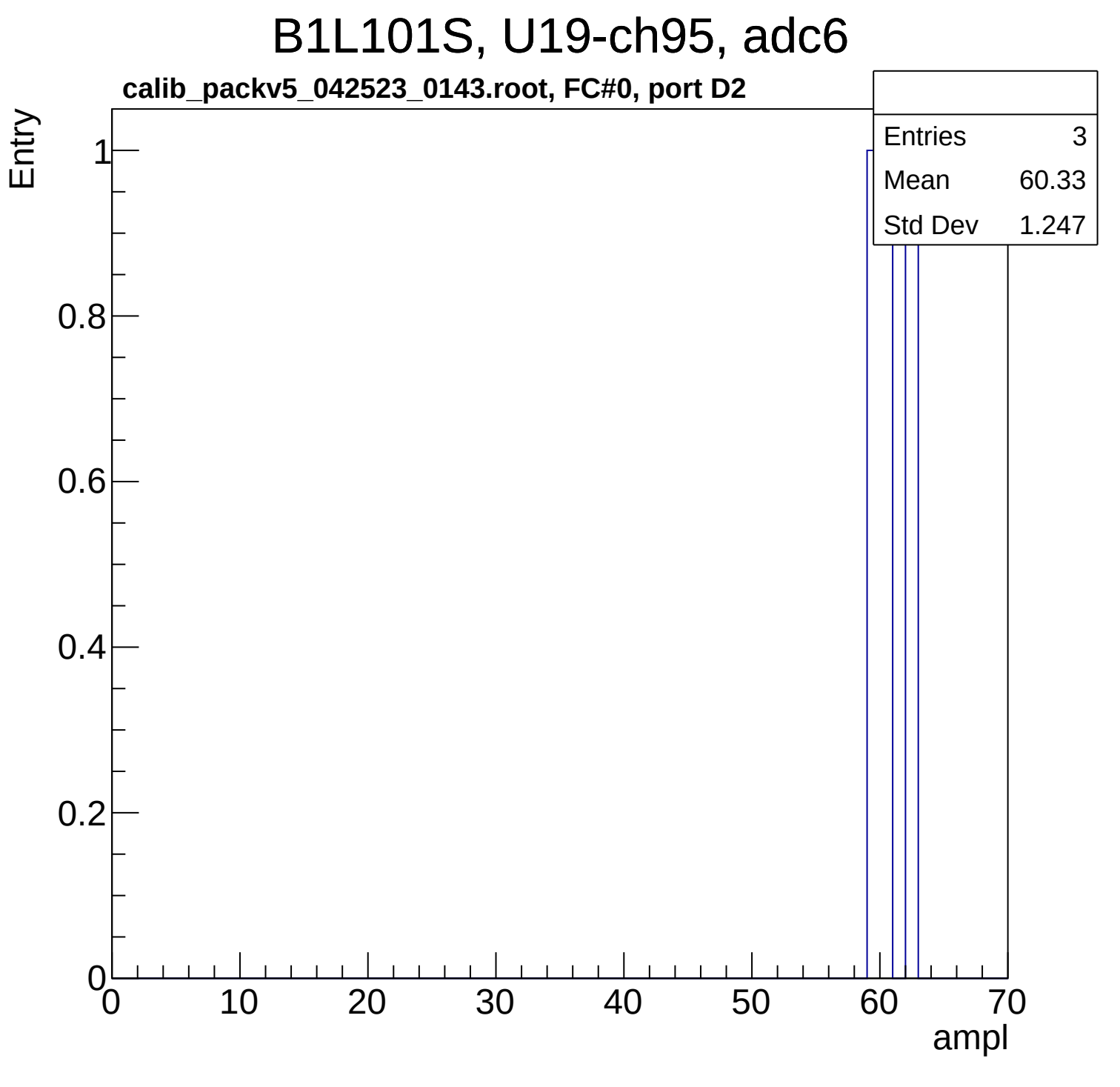
B1L101S, U19-ch95, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 60.33
Std Dev 1.247
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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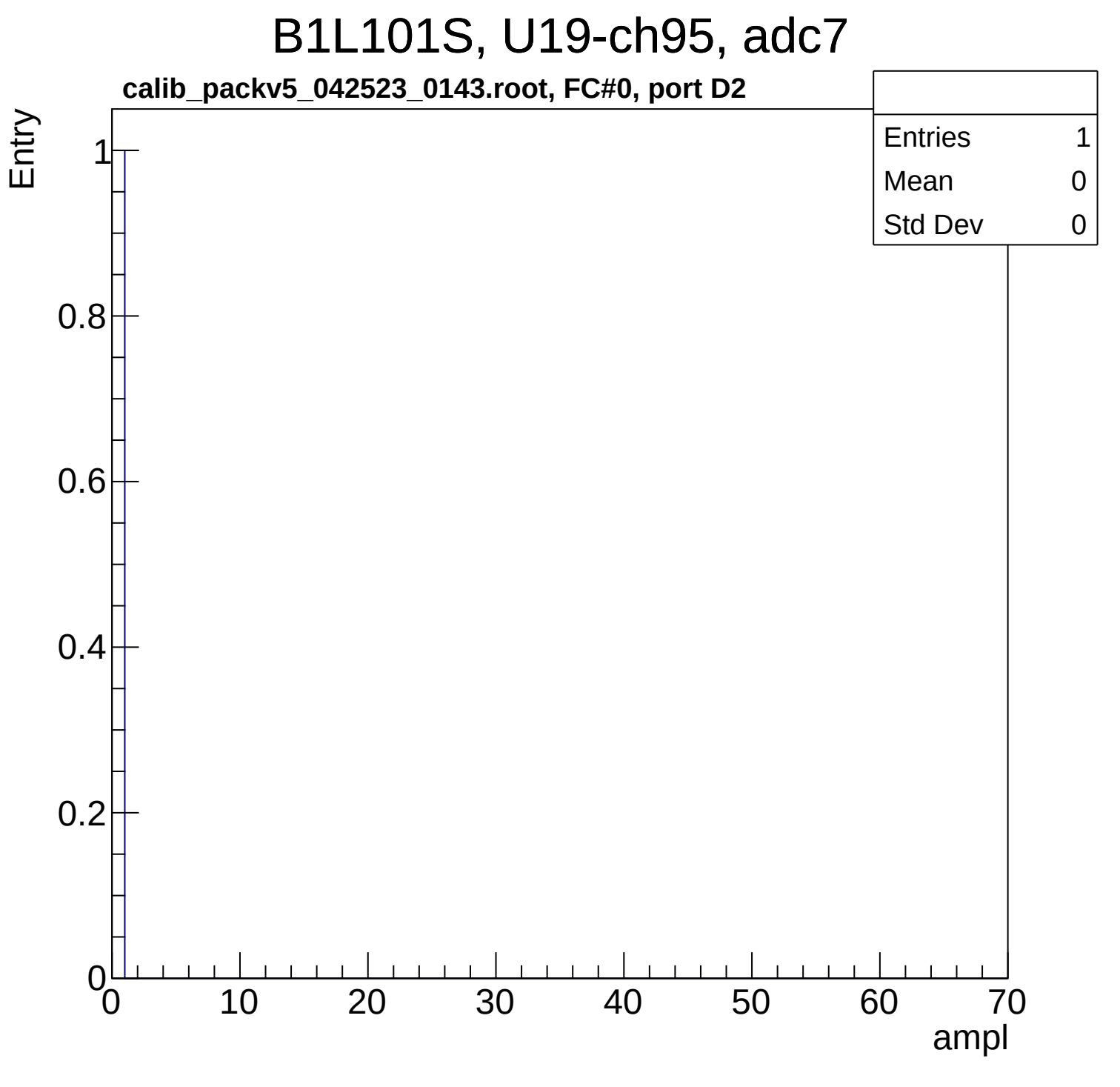
50
60
70


B1L101S, U19-ch95, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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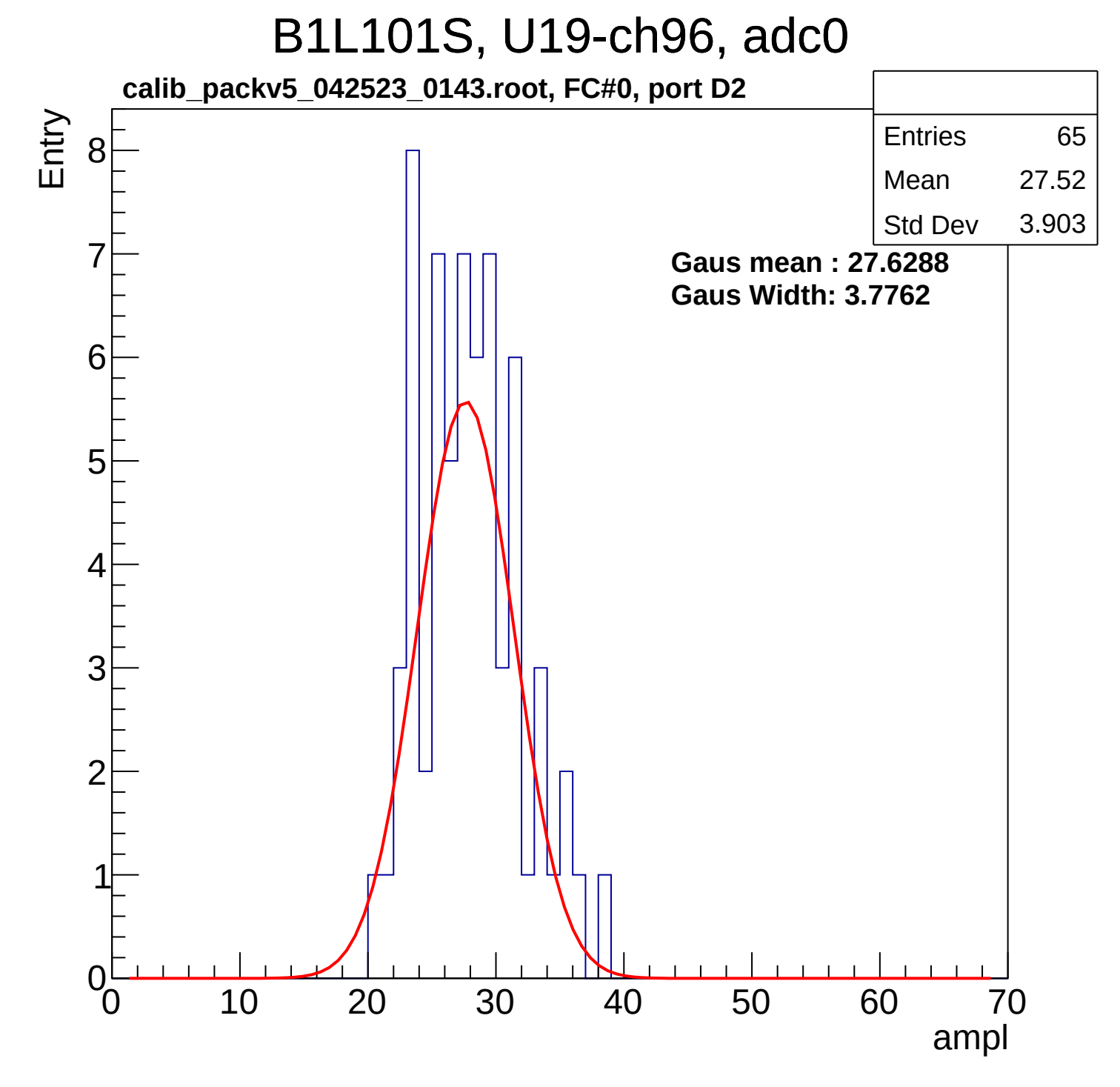
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch96, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 27.52
Std Dev 3.903
Gaus mean : 27.6288
Gaus Width: 3.7762
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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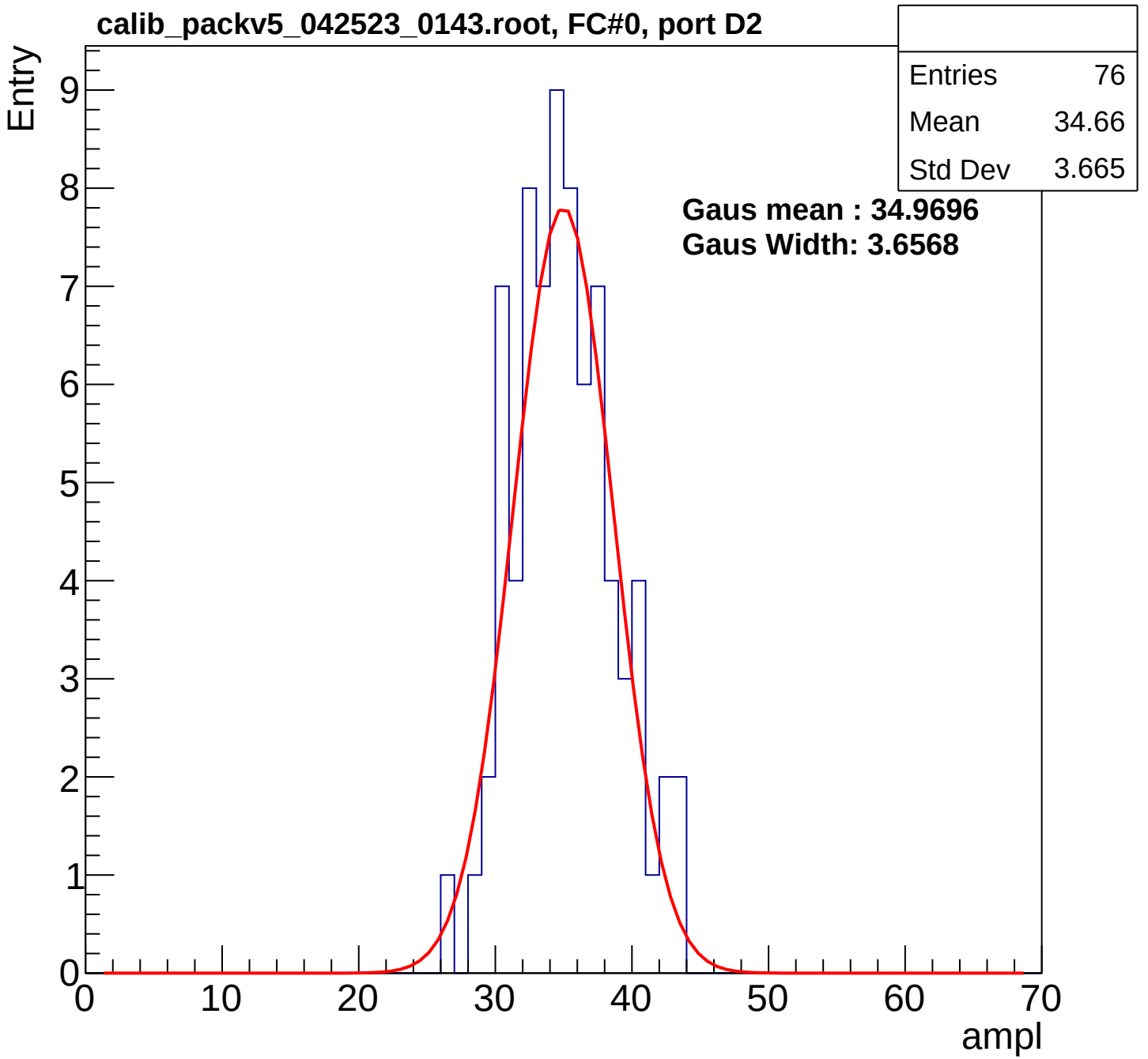
B1L101S, U19-ch96, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 34.66
Std Dev 3.665
Gaus mean : 34.9696
Gaus Width: 3.6568
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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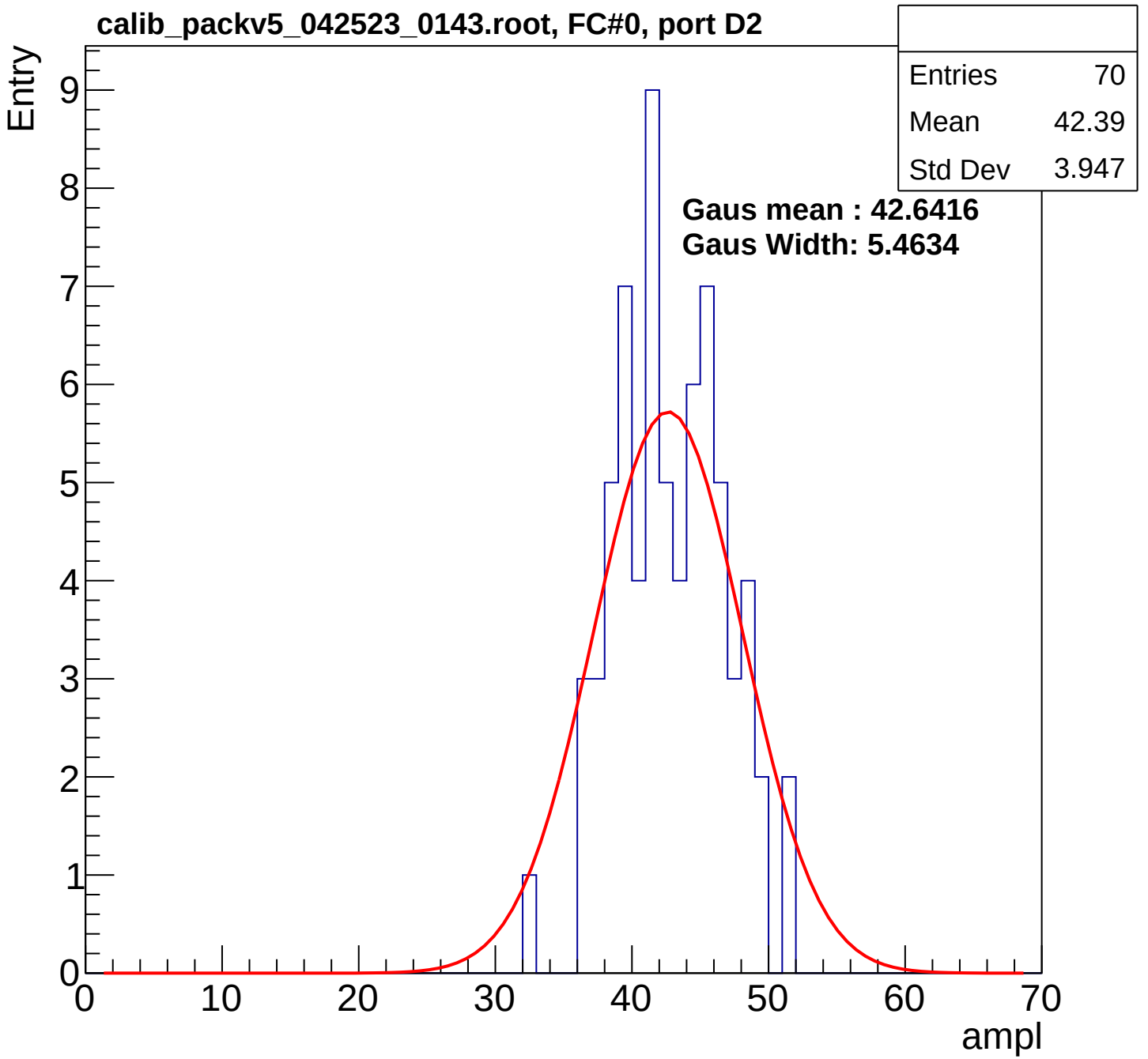
B1L101S, U19-ch96, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 42.39
Std Dev 3.947
Gaus mean : 42.6416
Gaus Width: 5.4634
Entry
ampl
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2
3
4
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6
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0
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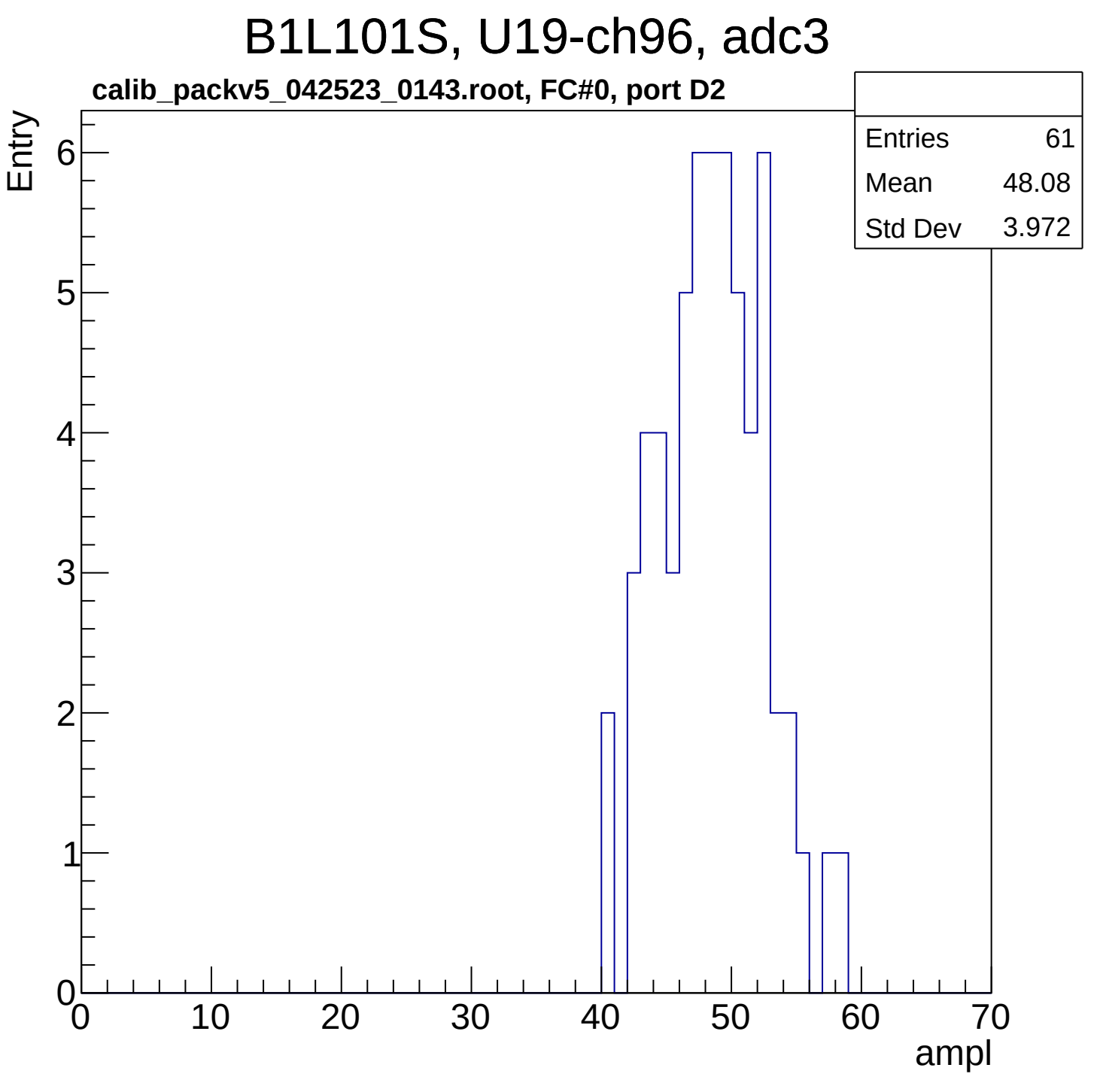
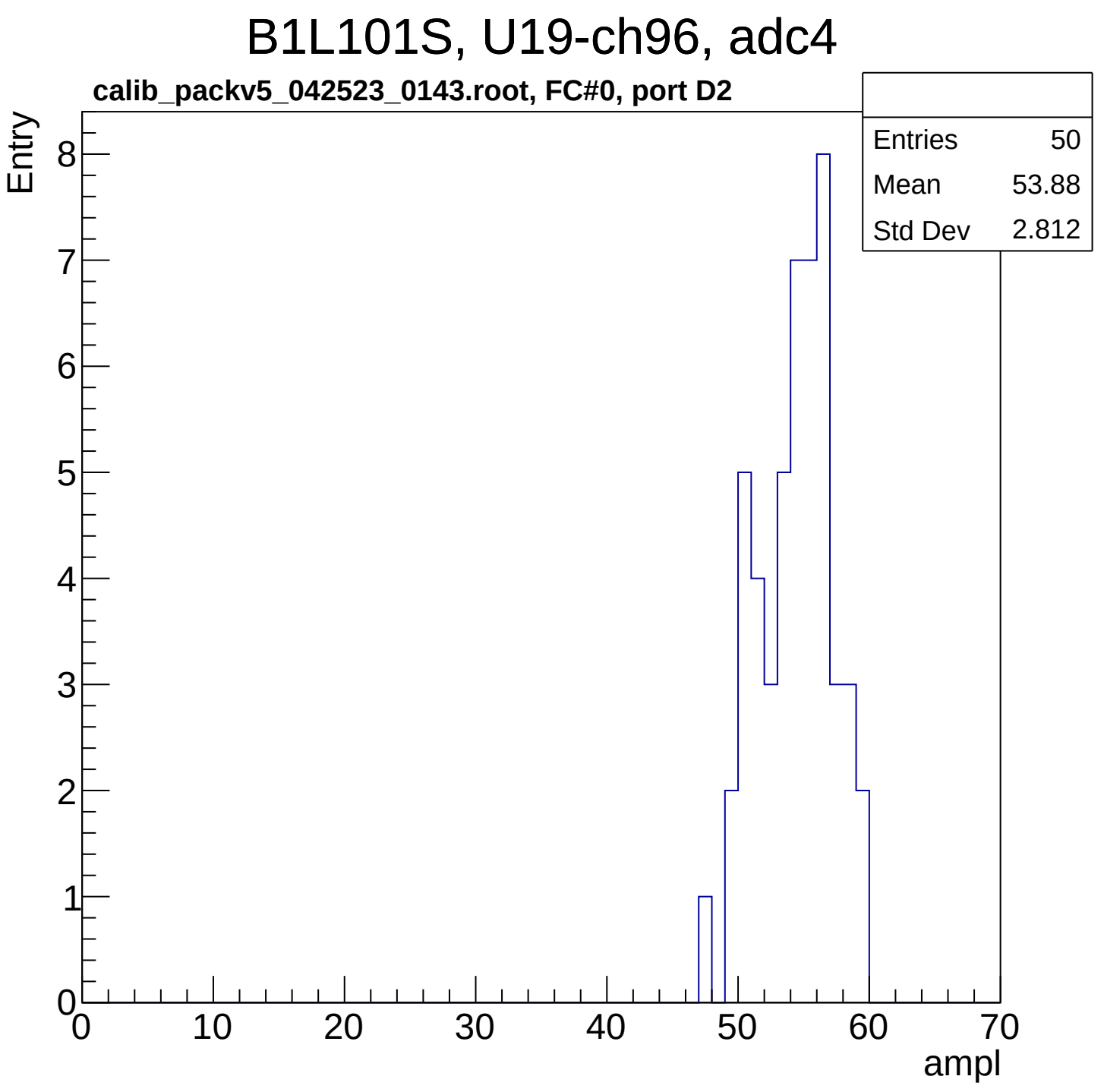

B1L101S, U19-ch96, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 48.08
Std Dev 3.972
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch96, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 53.88
Std Dev 2.812
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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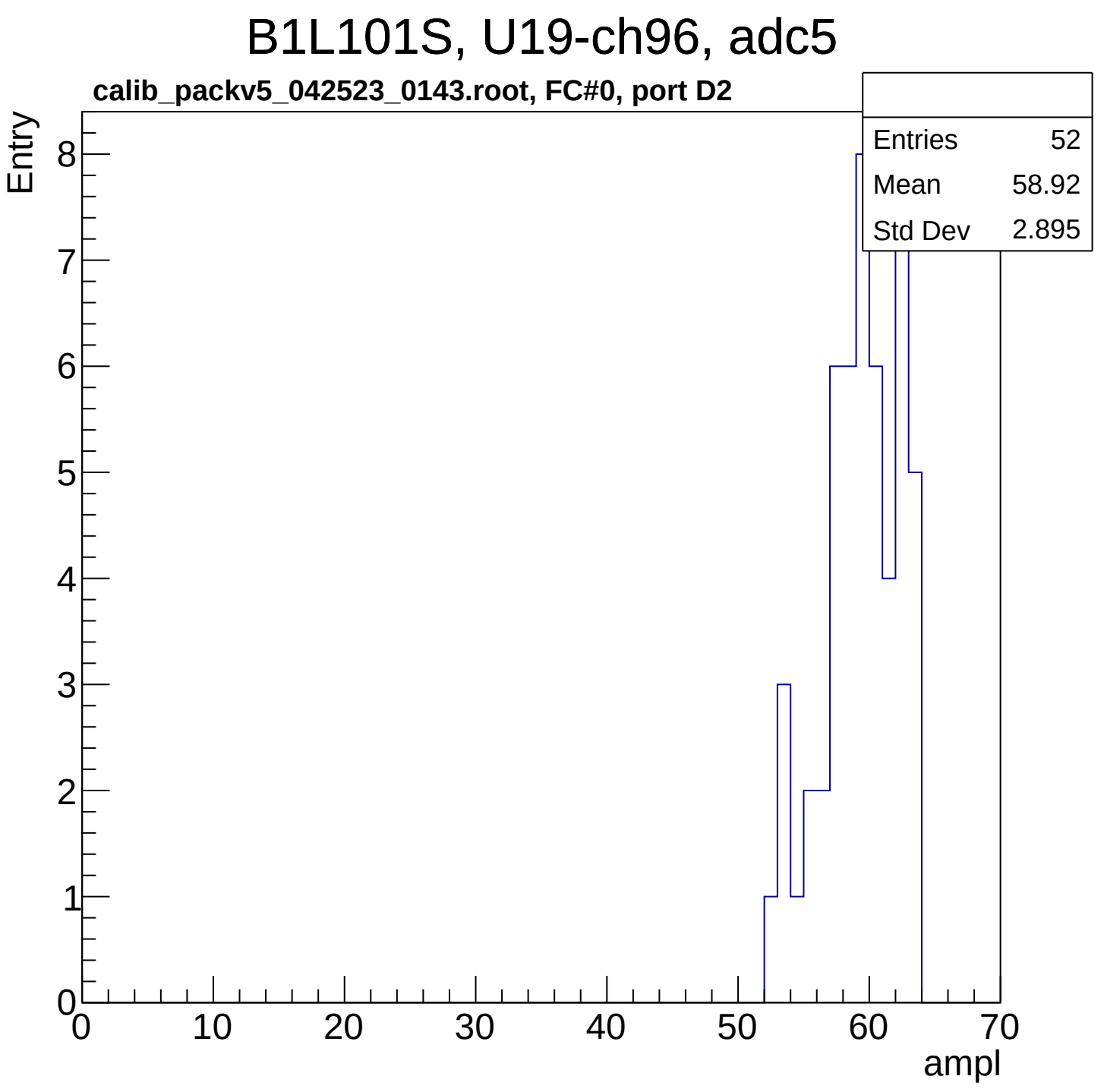
B1L101S, U19-ch96, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 58.92
Std Dev 2.895
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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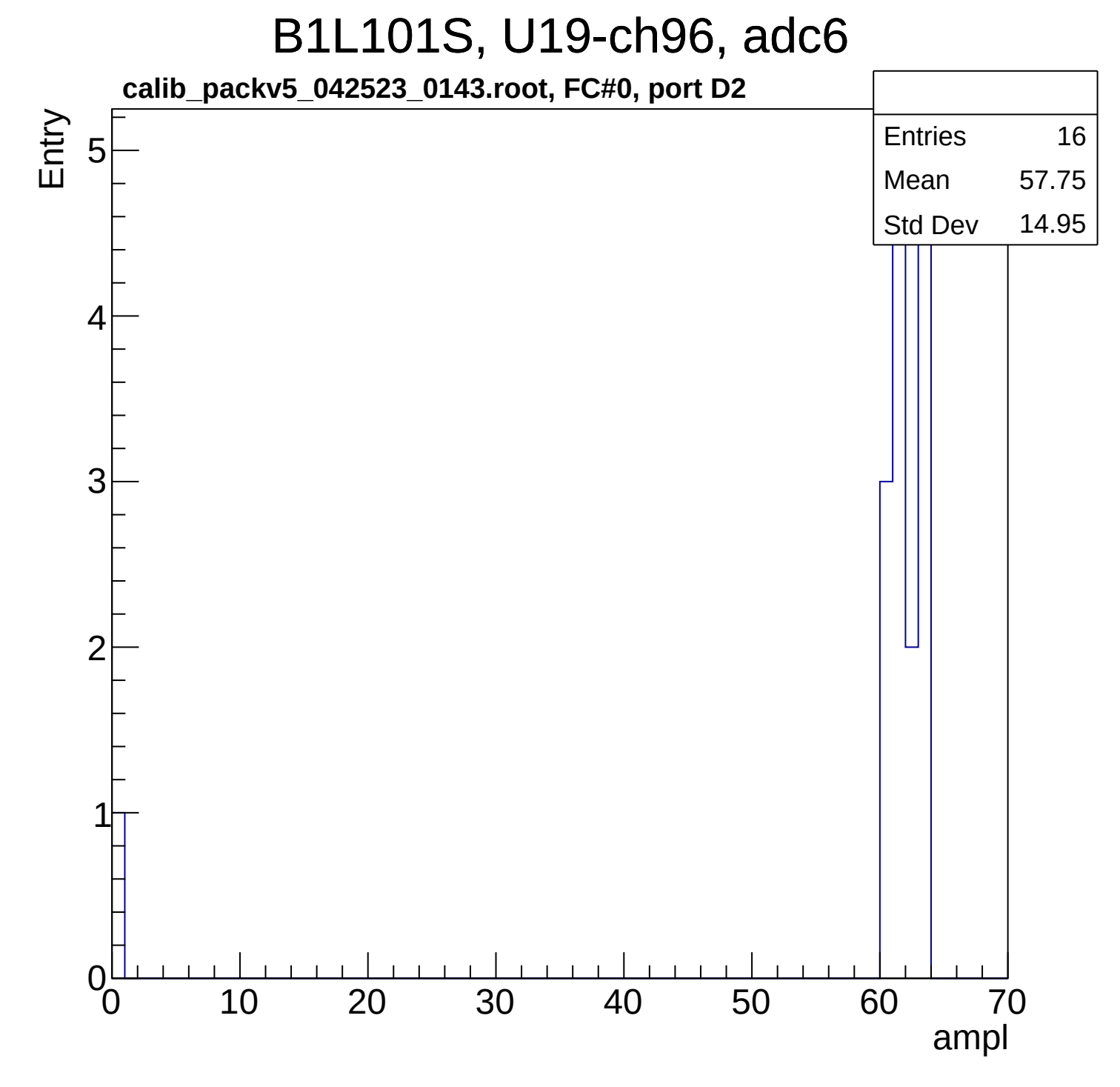
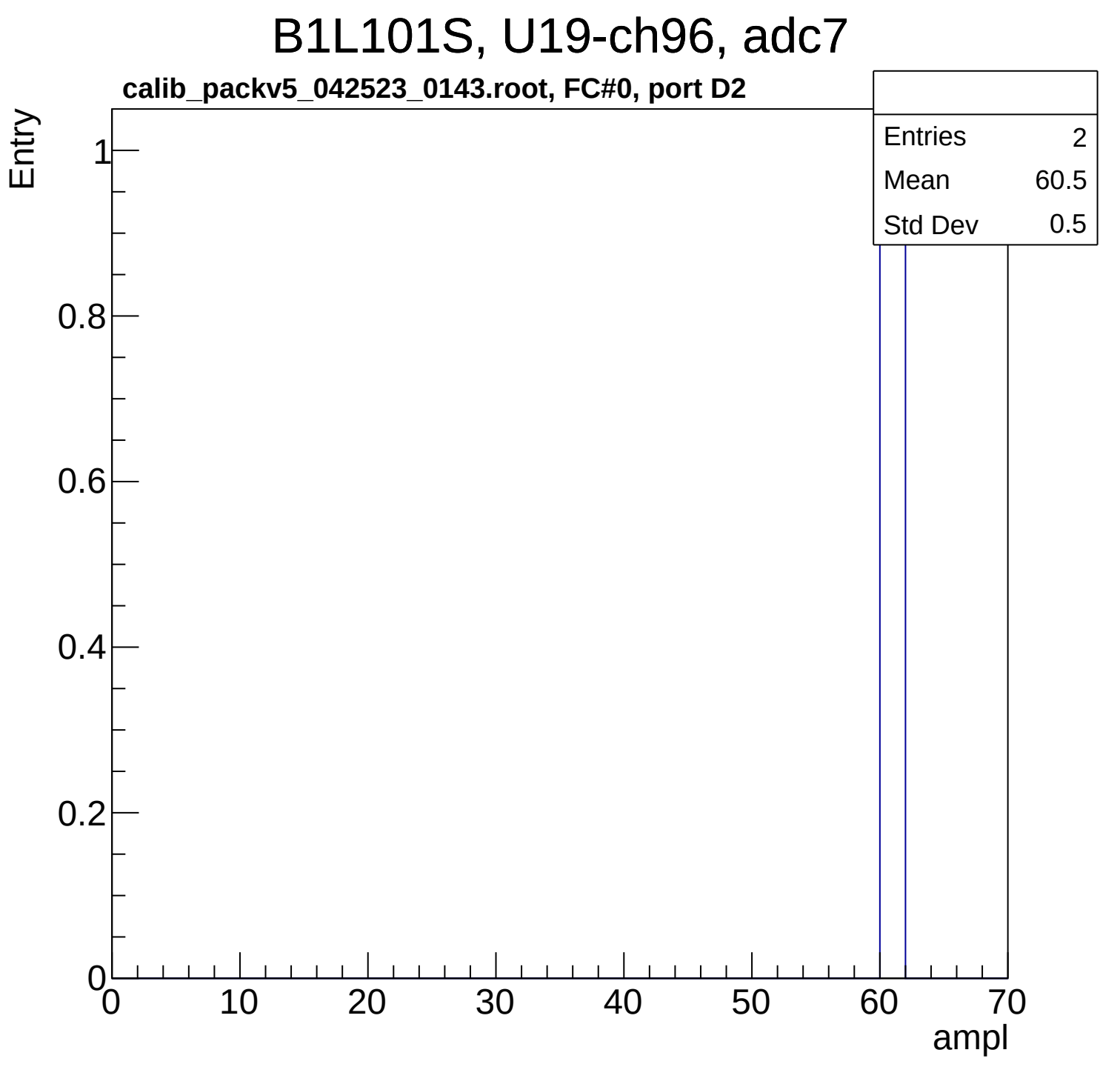

B1L101S, U19-ch96, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 16
Mean 57.75
Std Dev 14.95
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch96, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 60.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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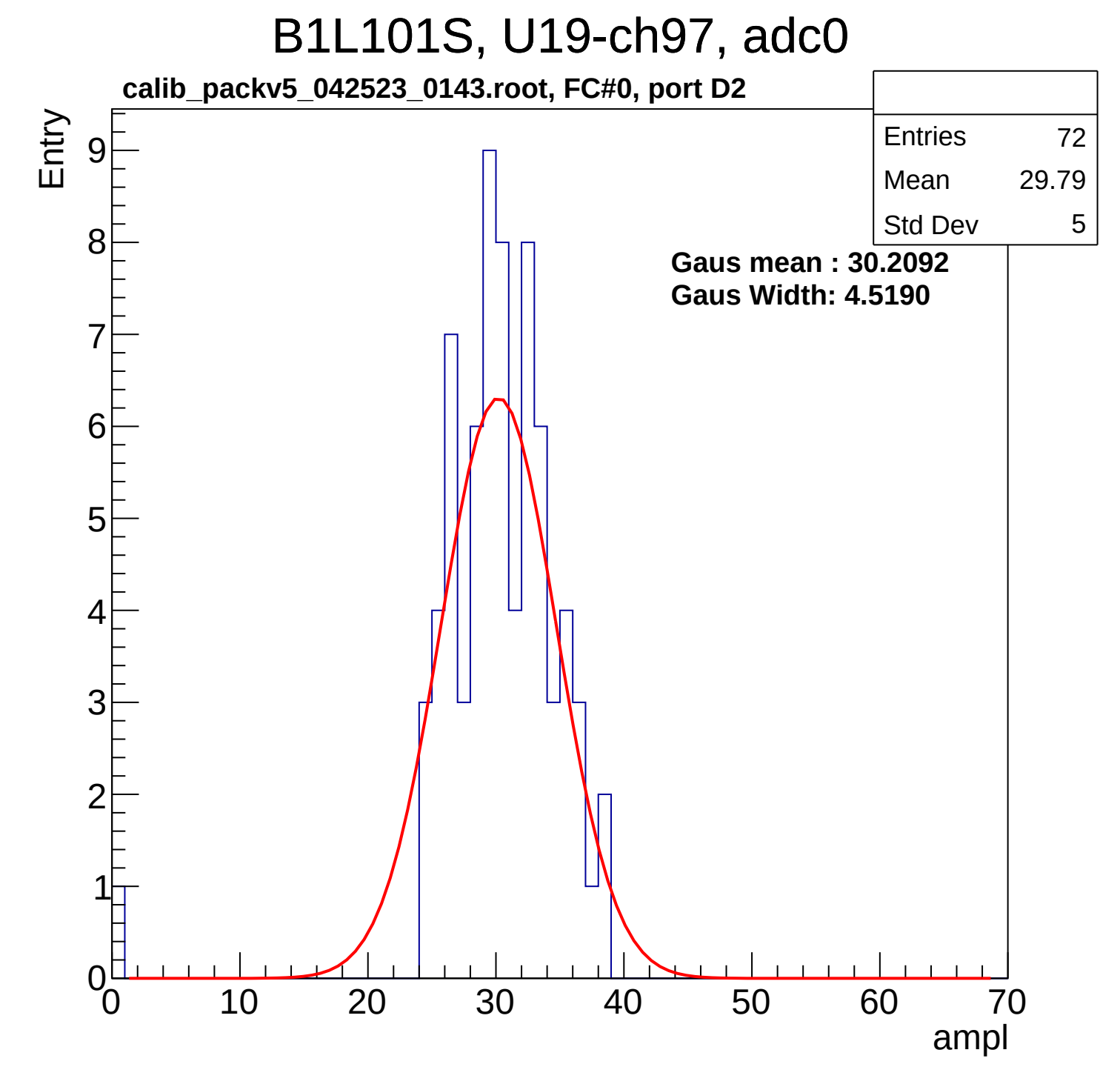
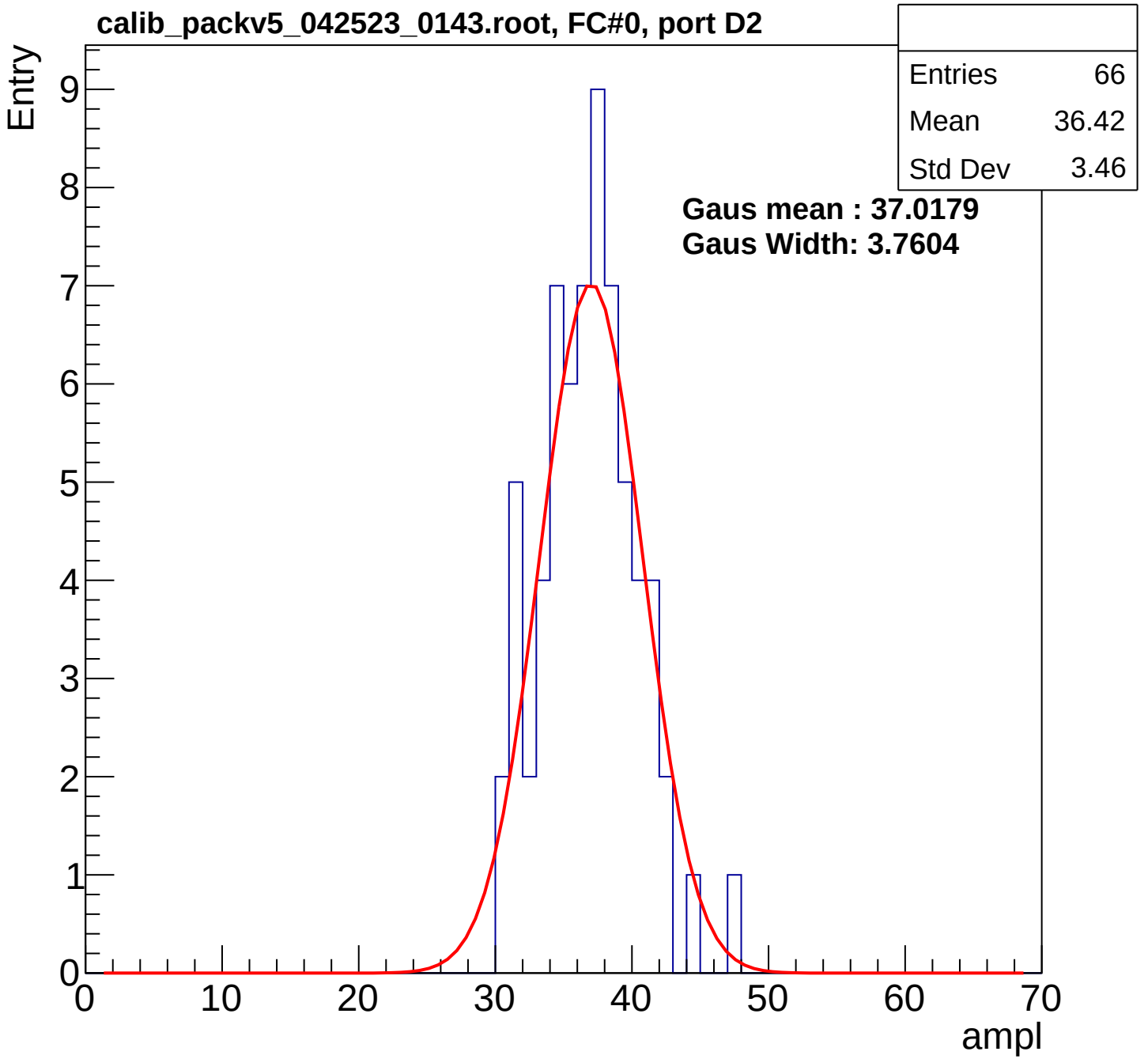
30
40
50
60
70
ampl


B1L101S, U19-ch97, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 29.79
Std Dev 5
Gaus mean : 30.2092
Gaus Width: 4.5190
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch97, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 36.42
Std Dev 3.46
Gaus mean : 37.0179
Gaus Width: 3.7604
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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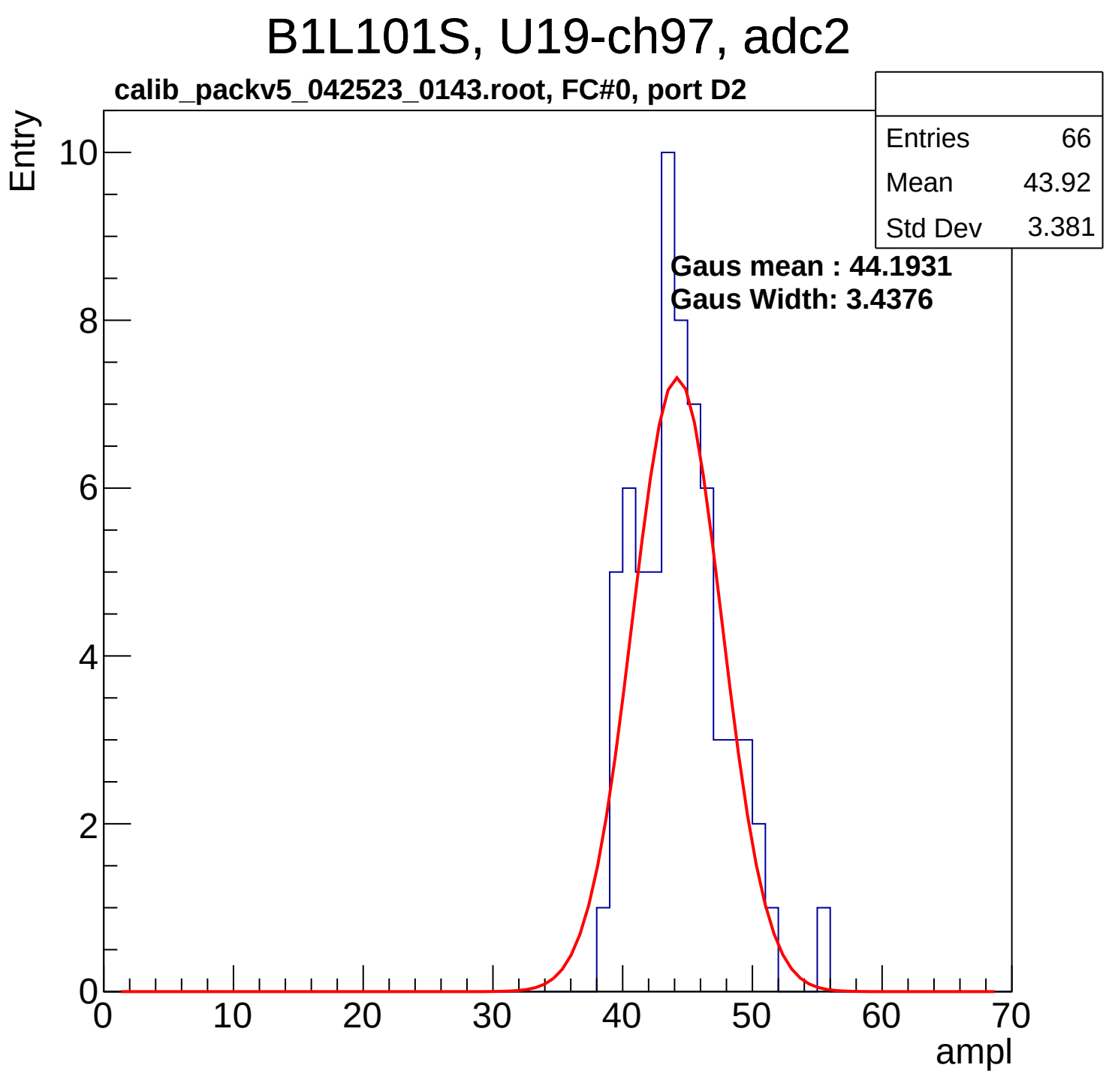
B1L101S, U19-ch97, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 43.92
Std Dev 3.381
Gaus mean : 44.1931
Gaus Width: 3.4376
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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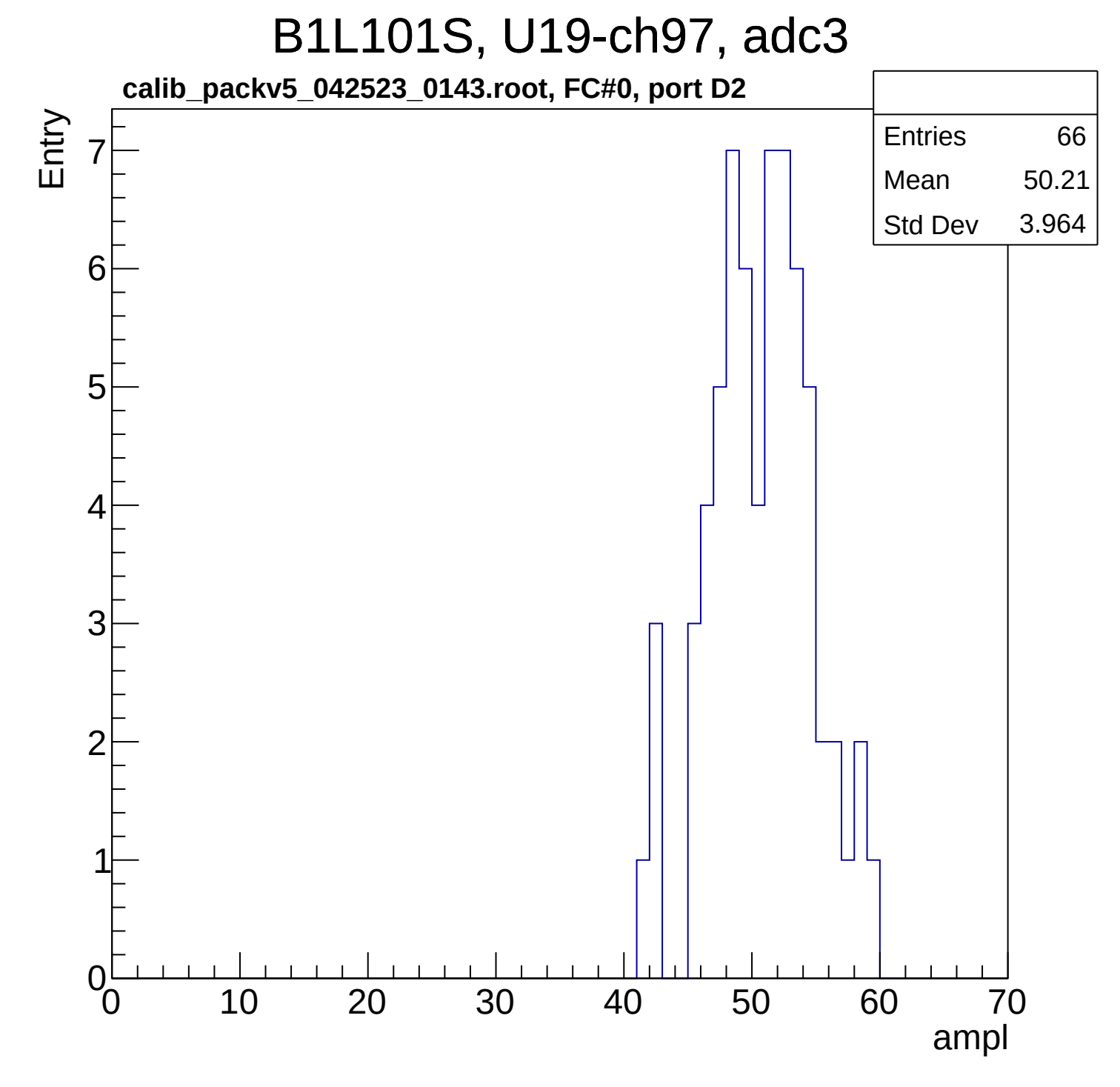
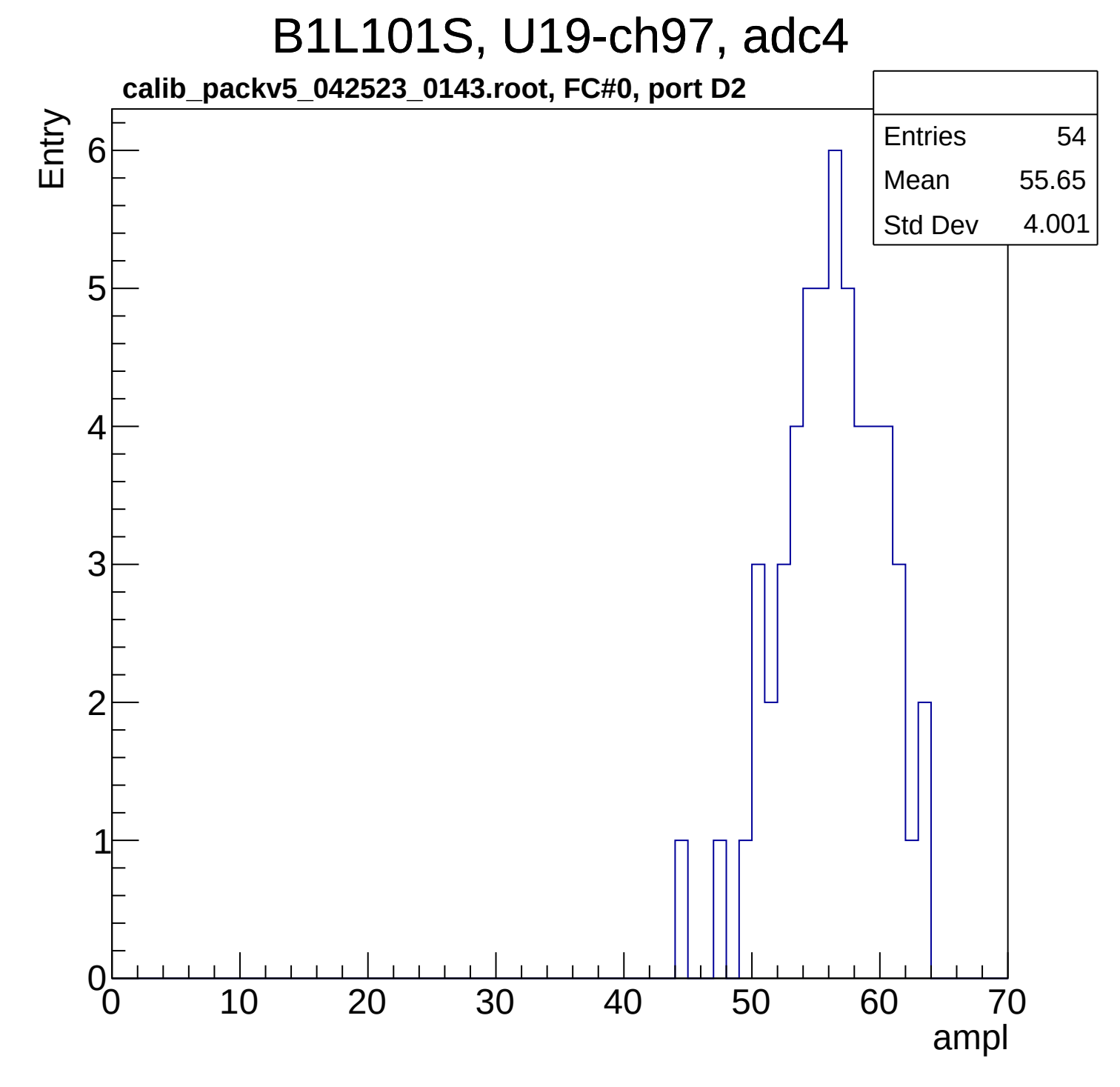
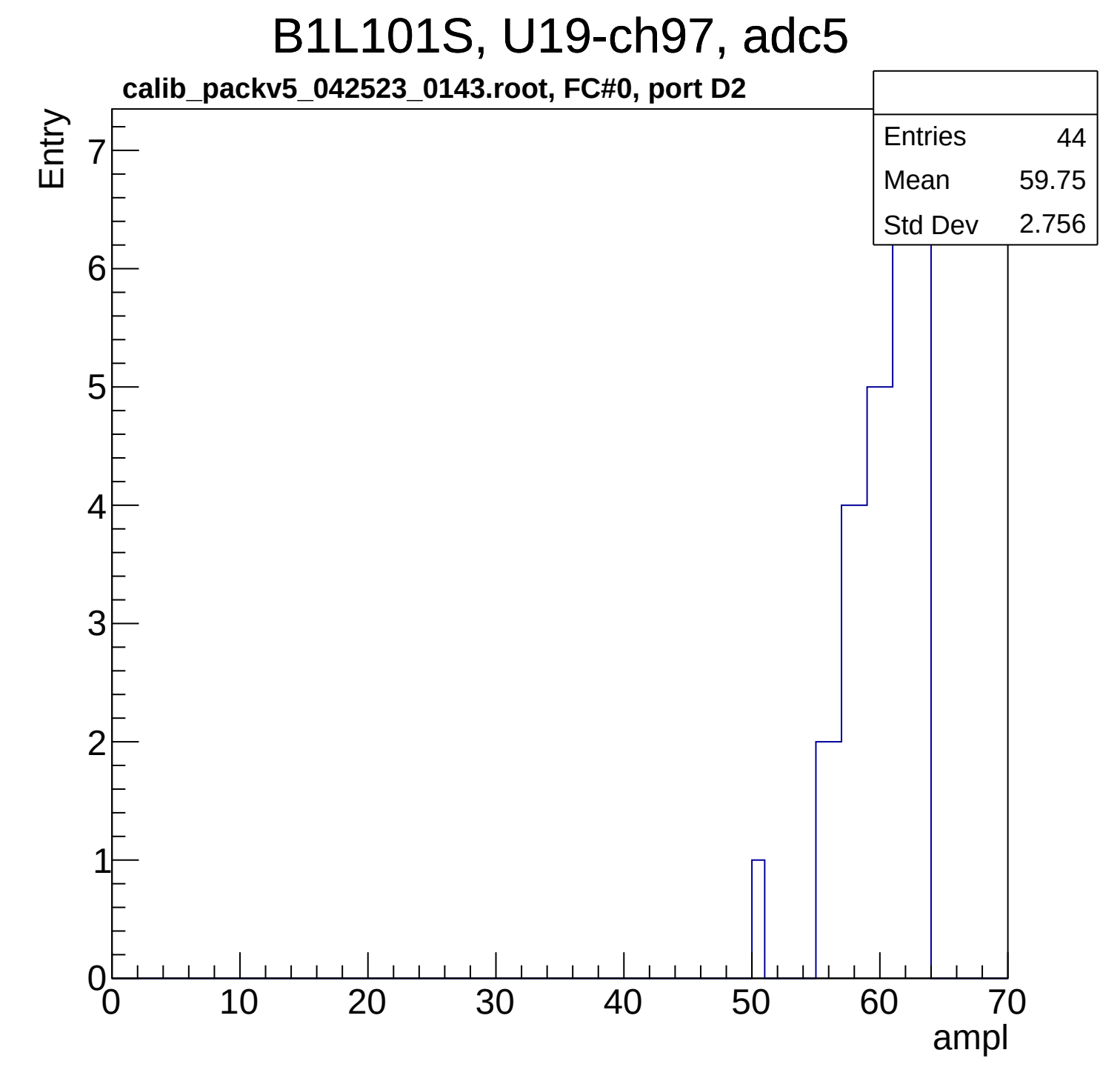

B1L101S, U19-ch97, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 50.21
Std Dev 3.964
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch97, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 55.65
Std Dev 4.001
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U19-ch97, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 59.75
Std Dev 2.756
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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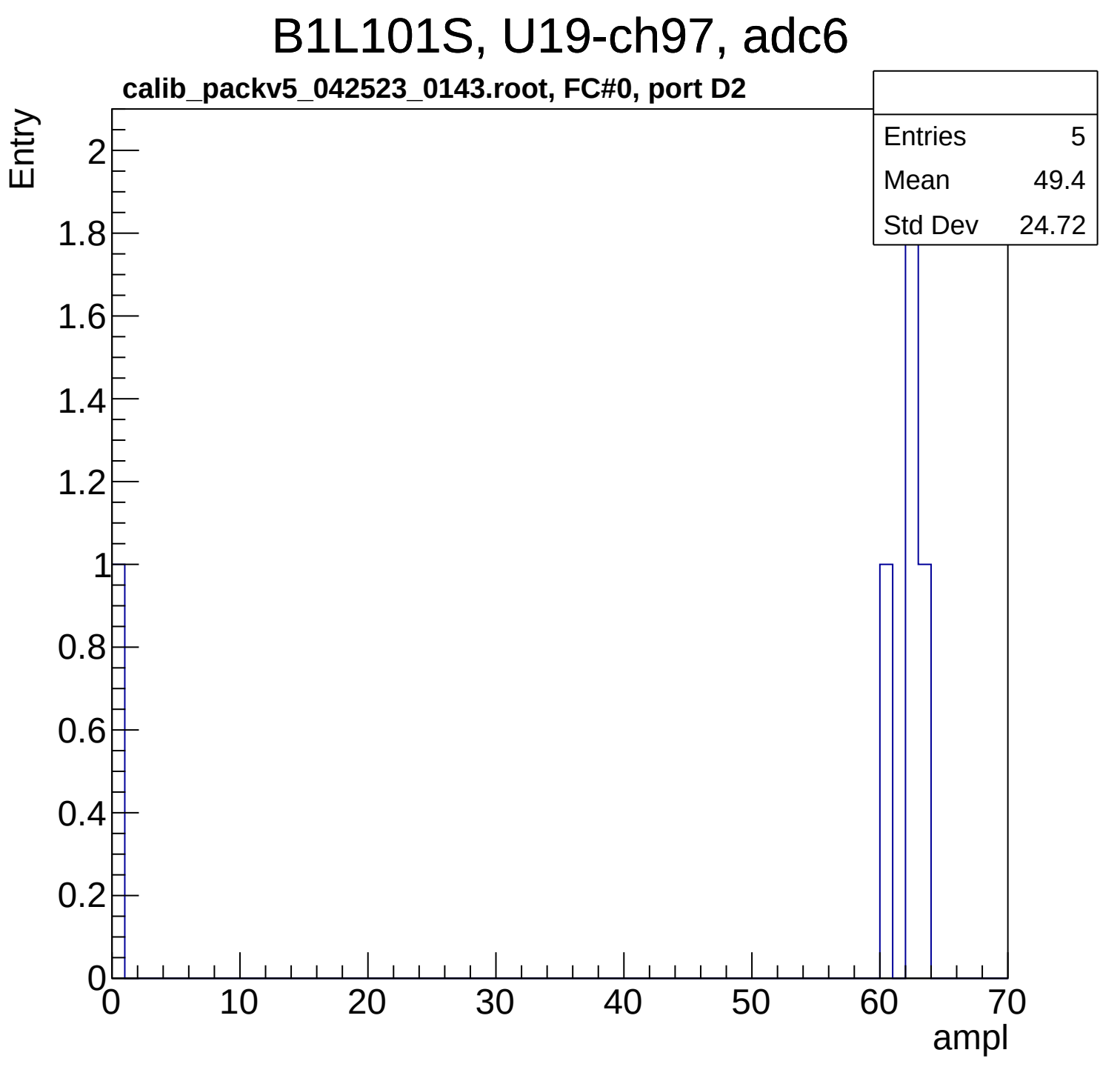
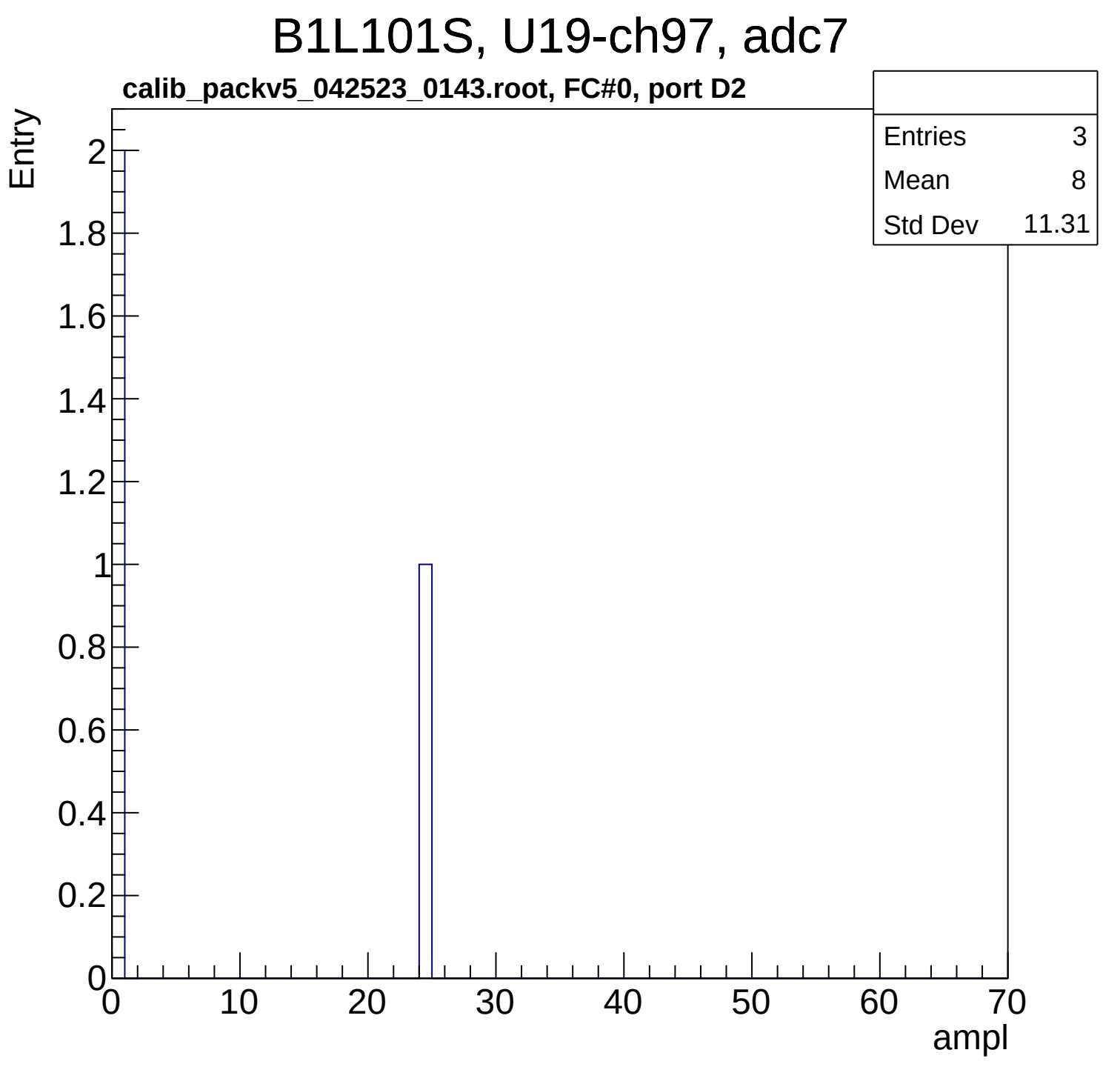

B1L101S, U19-ch97, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 49.4
Std Dev 24.72
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch97, adc7
calib_packv5_042523_0143.root, FC#0, 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
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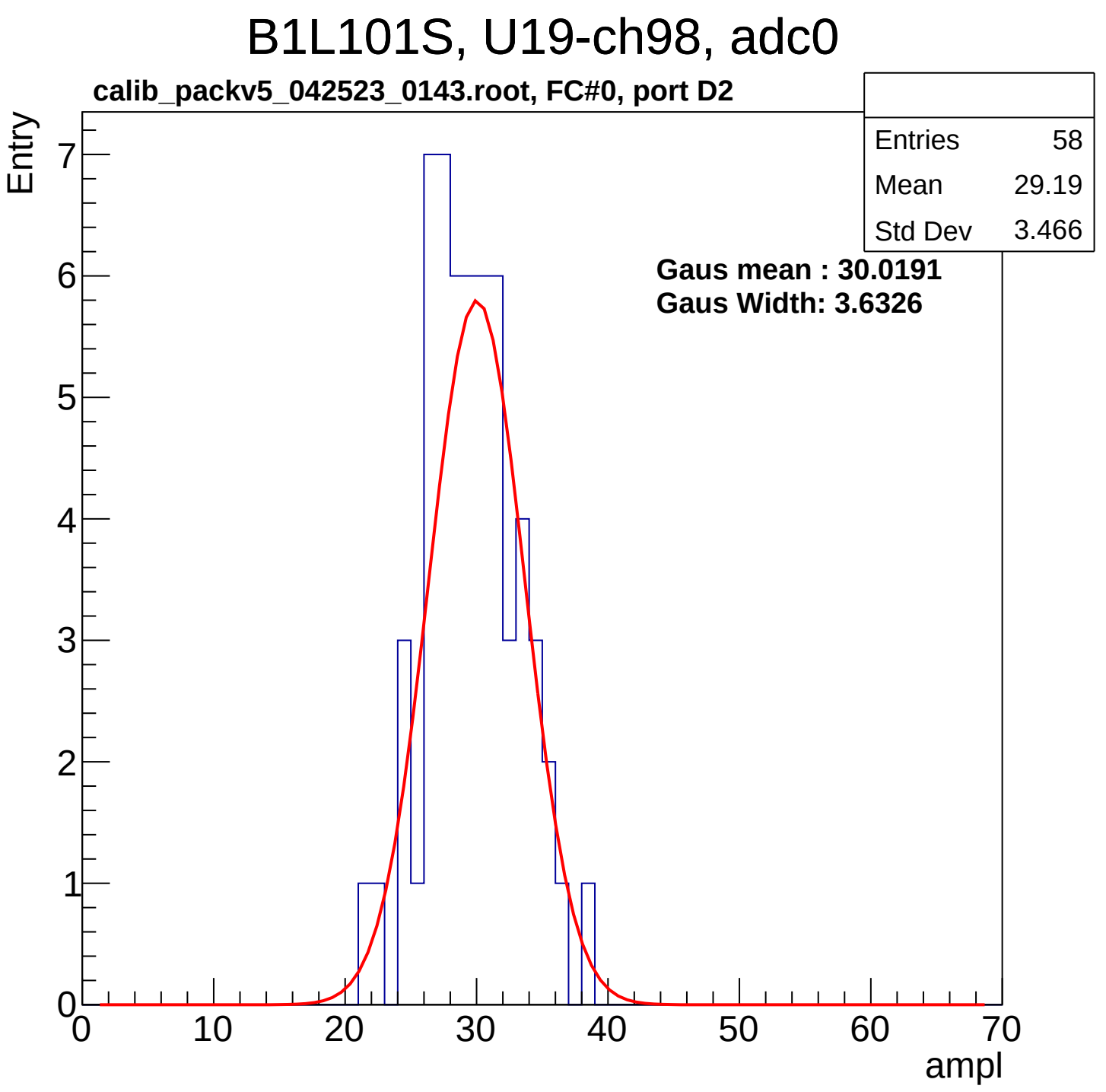
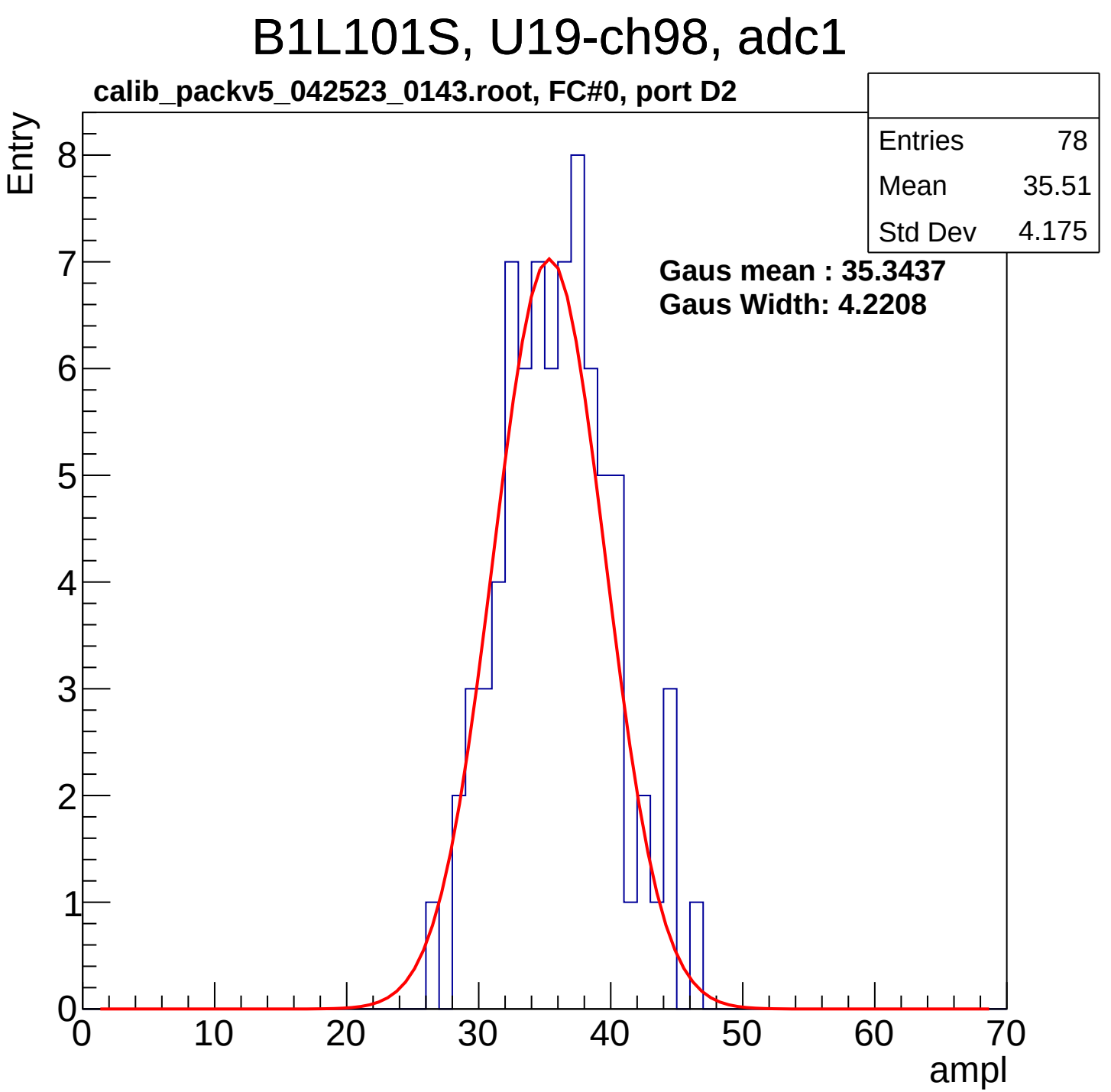

B1L101S, U19-ch98, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 29.19
Std Dev 3.466
Gaus mean : 30.0191
Gaus Width: 3.6326
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch98, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 35.51
Std Dev 4.175
Gaus mean : 35.3437
Gaus Width: 4.2208
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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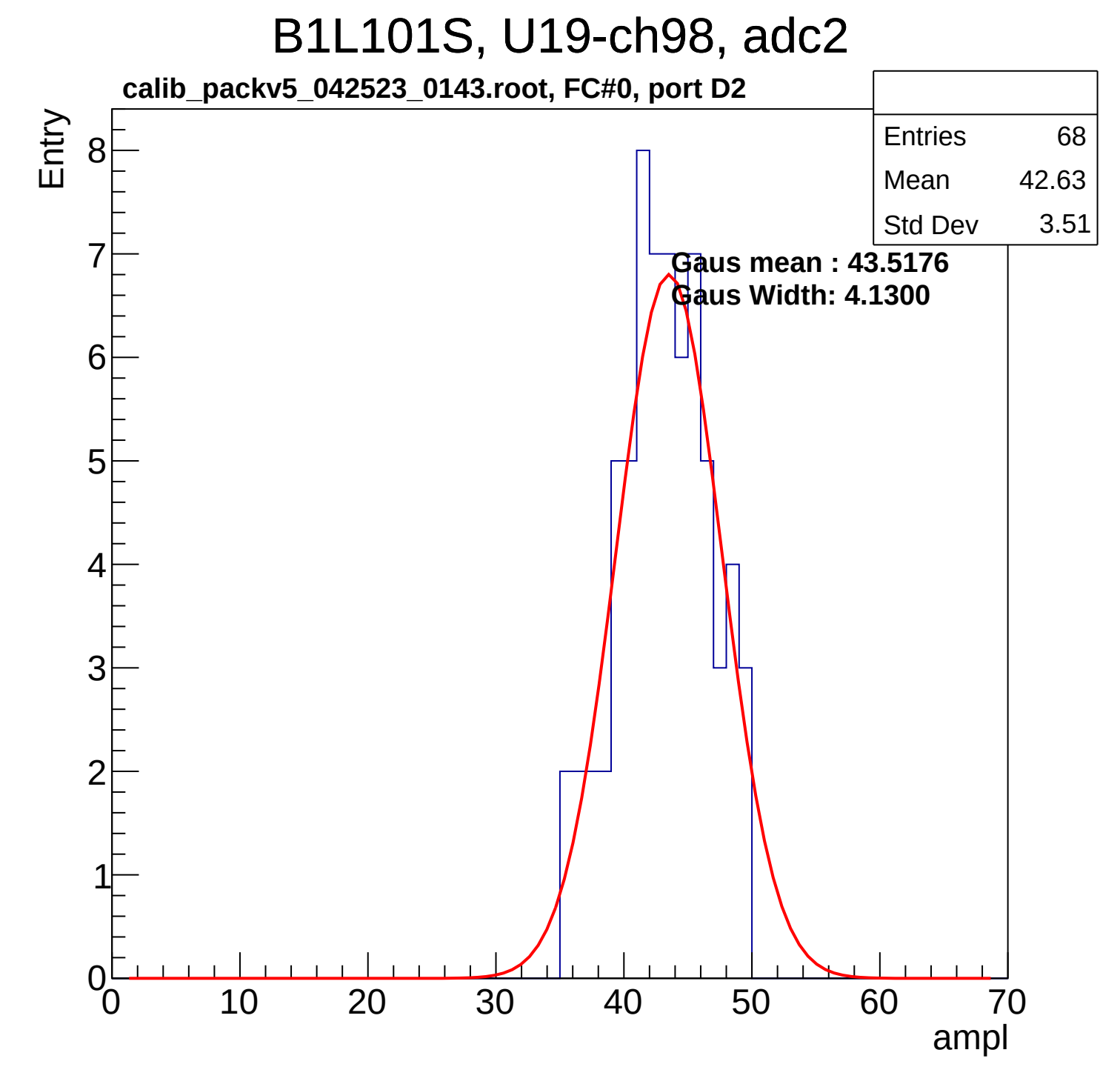
B1L101S, U19-ch98, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 42.63
Std Dev 3.51
Gaus mean : 43.5176
Gaus Width: 4.1300
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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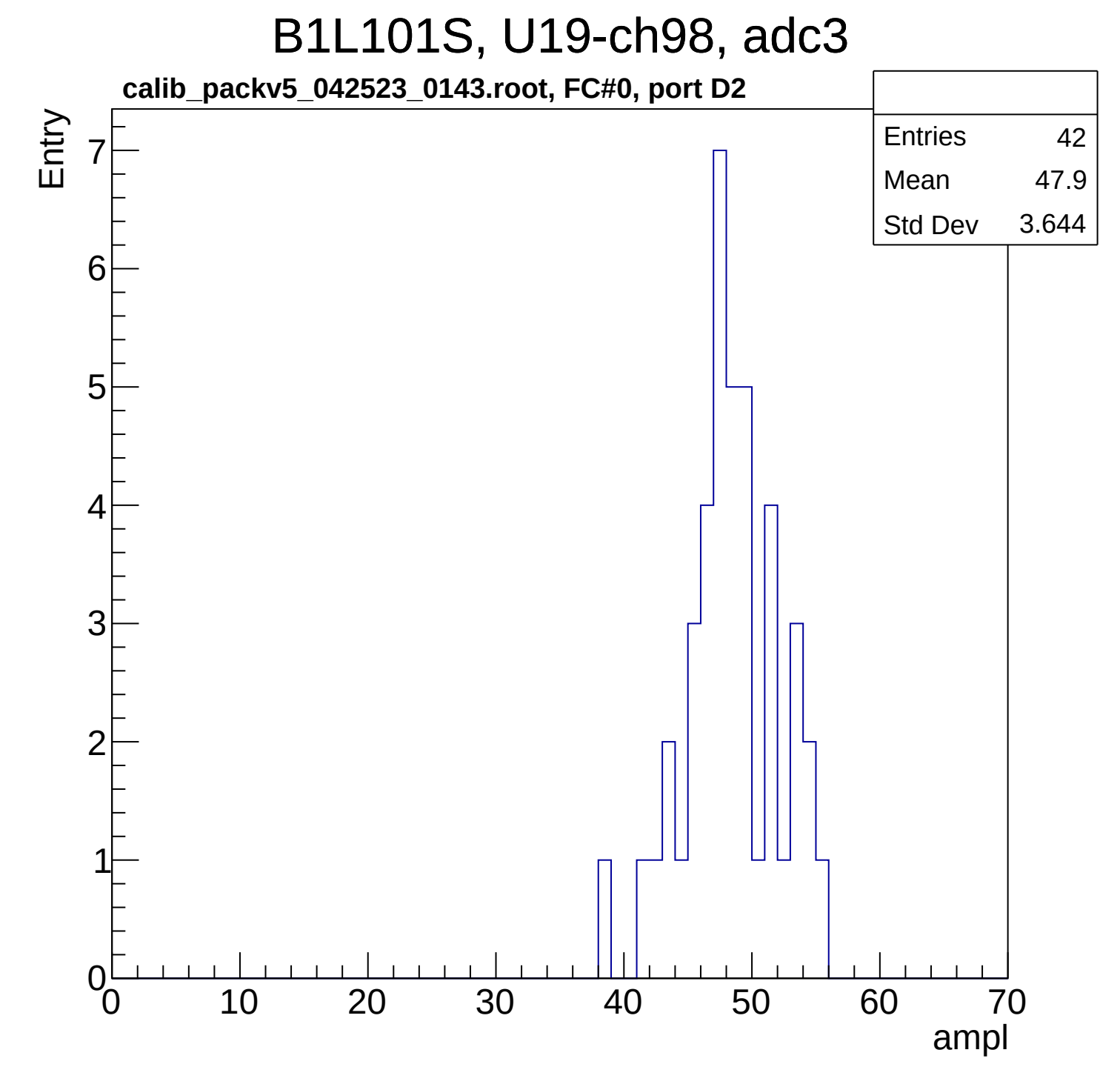
B1L101S, U19-ch98, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 47.9
Std Dev 3.644
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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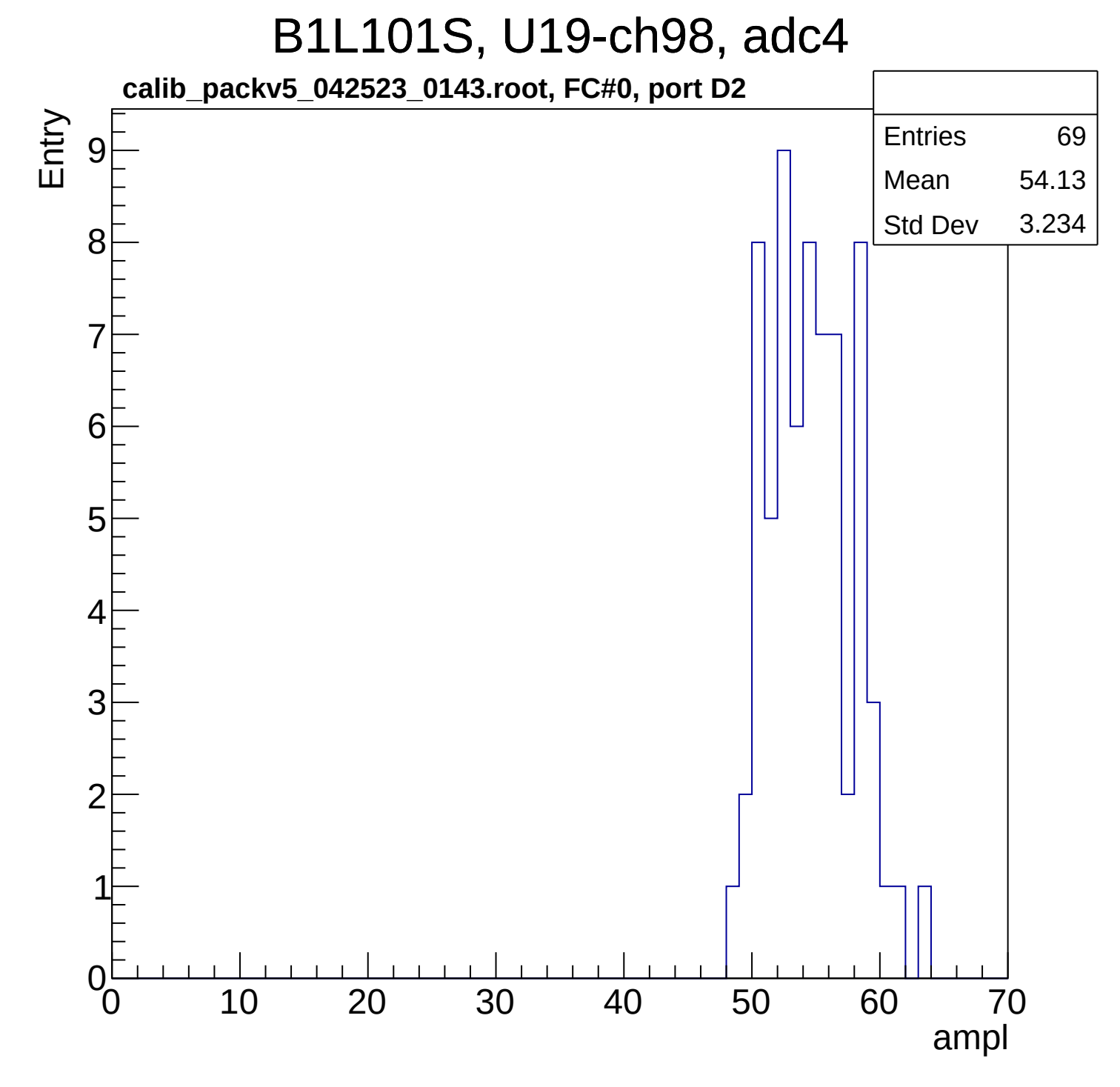
B1L101S, U19-ch98, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 54.13
Std Dev 3.234
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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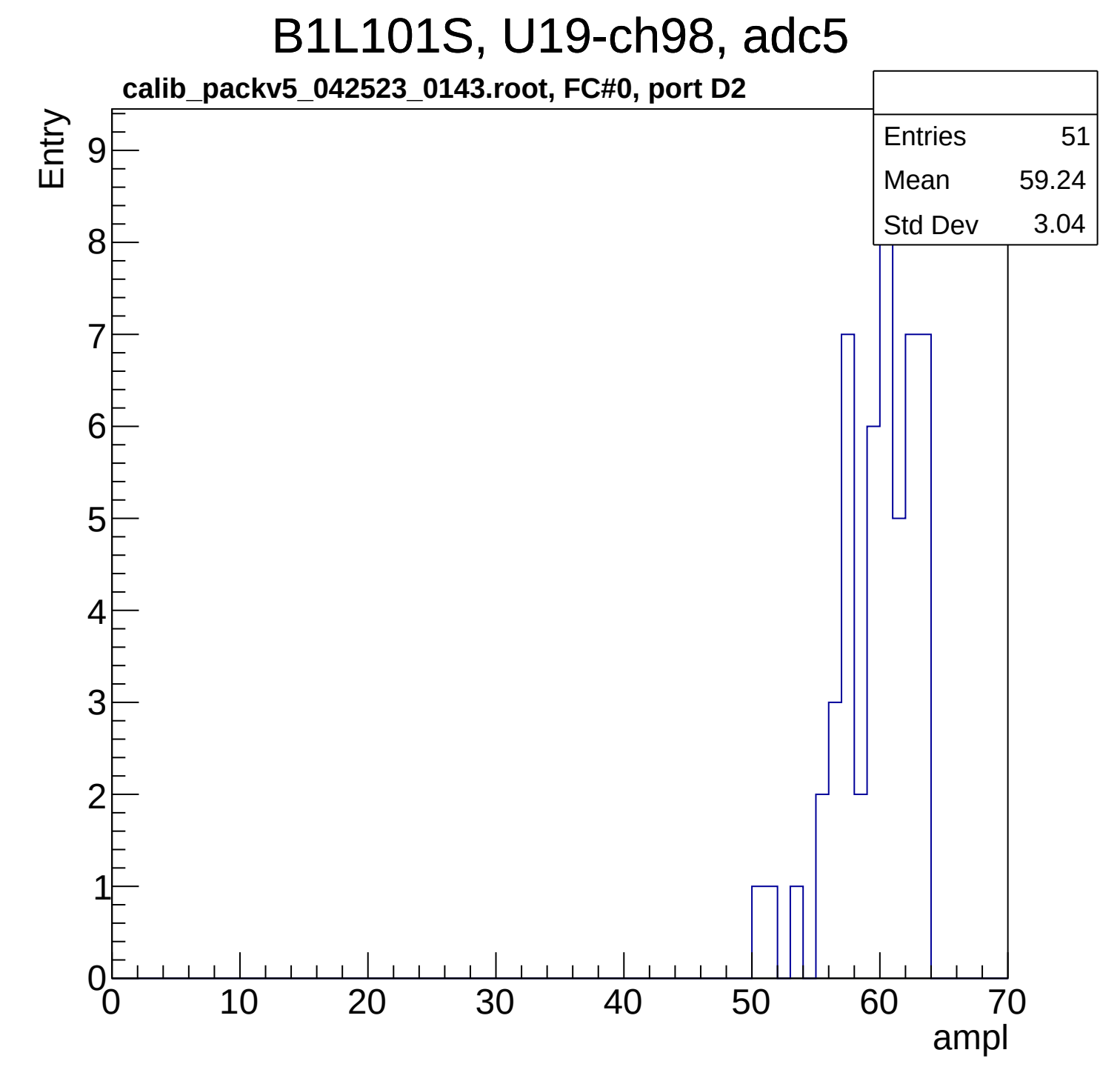
B1L101S, U19-ch98, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 59.24
Std Dev 3.04
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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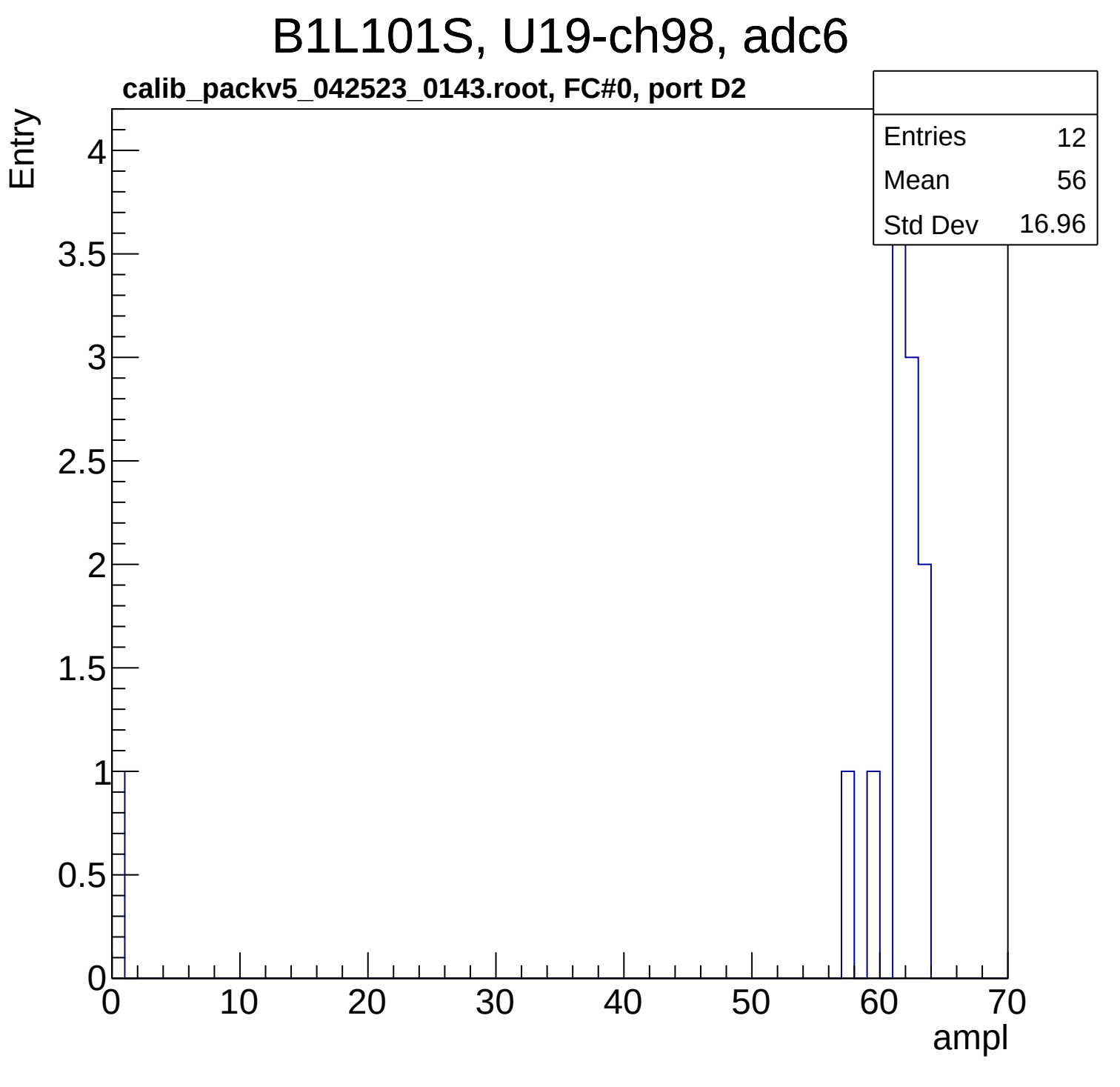
B1L101S, U19-ch98, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 12
Mean 56
Std Dev 16.96
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
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20
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60
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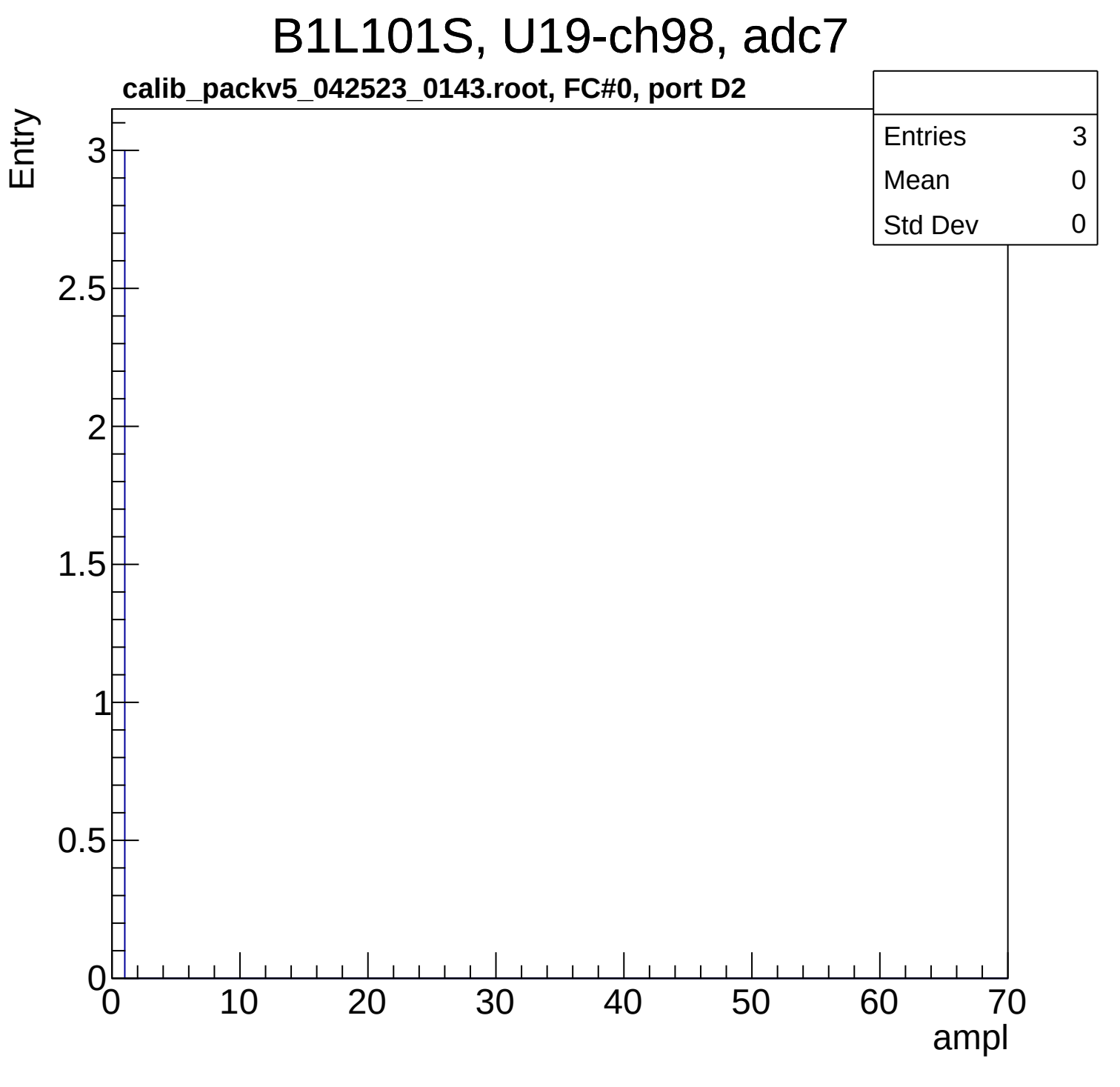
B1L101S, U19-ch98, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 0
Std Dev 0
Entry
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0.5
1
1.5
2
2.5
3
0
10
20
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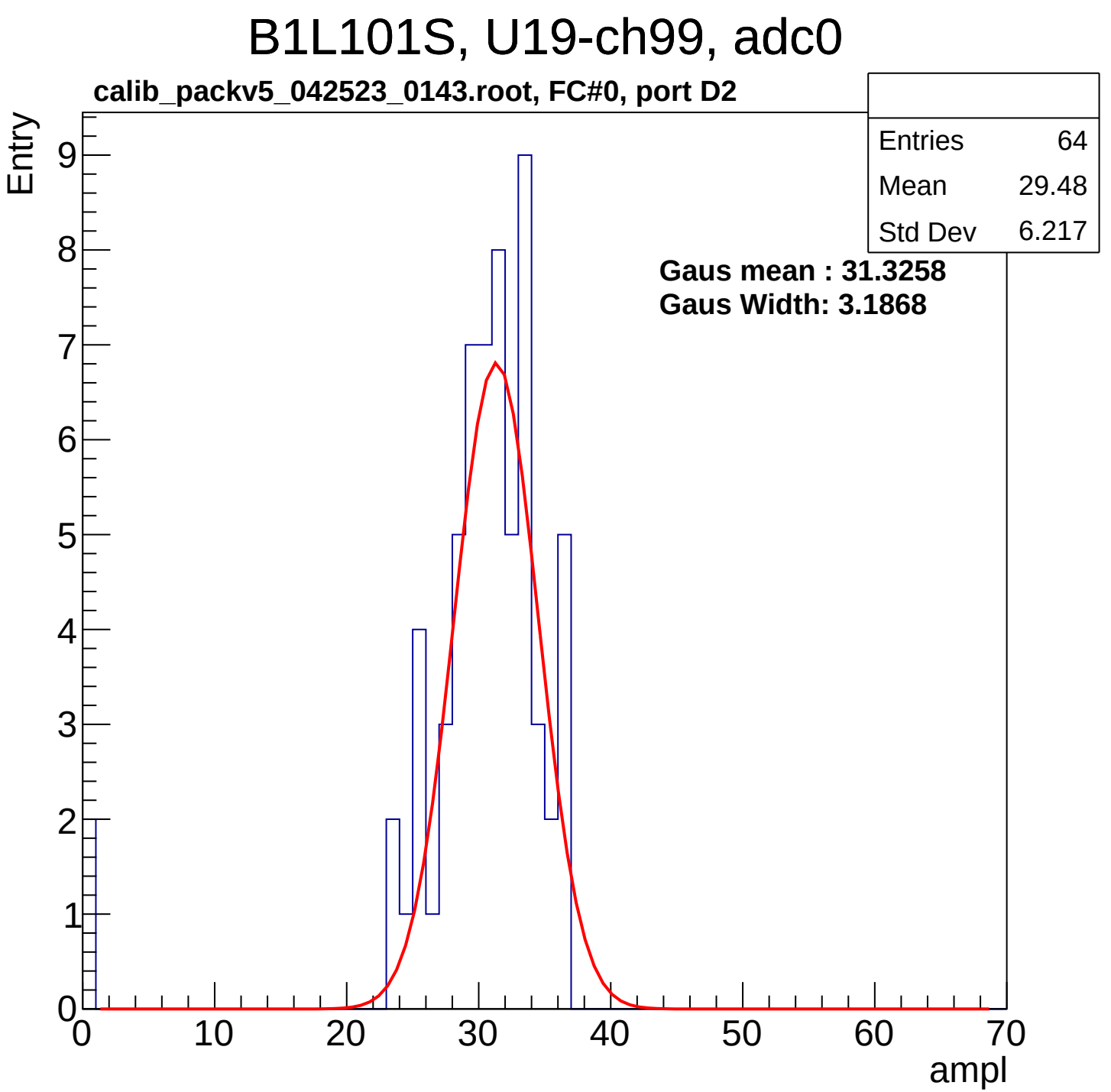
50
60
70
ampl


B1L101S, U19-ch99, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 29.48
Std Dev 6.217
Gaus mean : 31.3258
Gaus Width: 3.1868
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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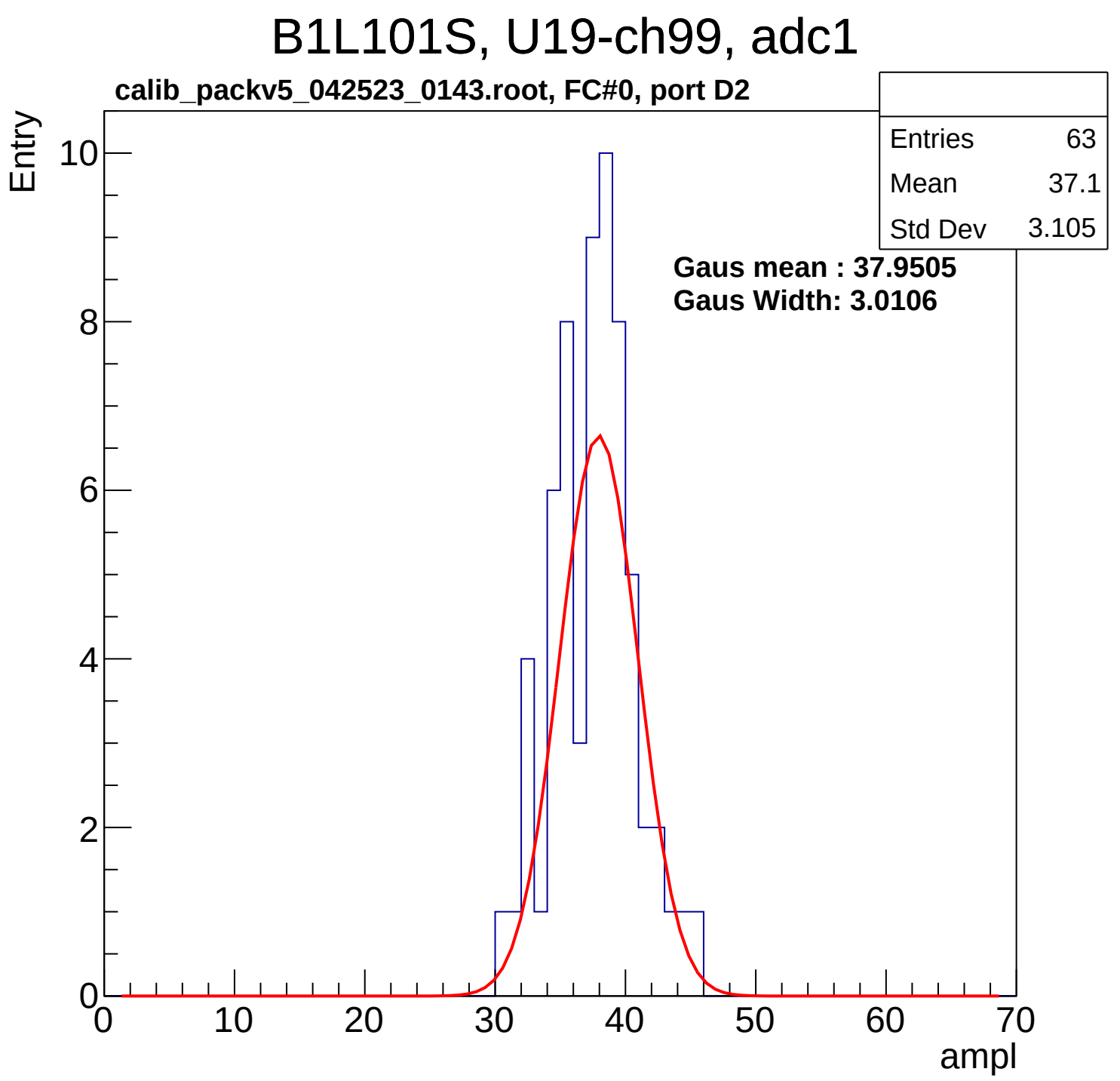
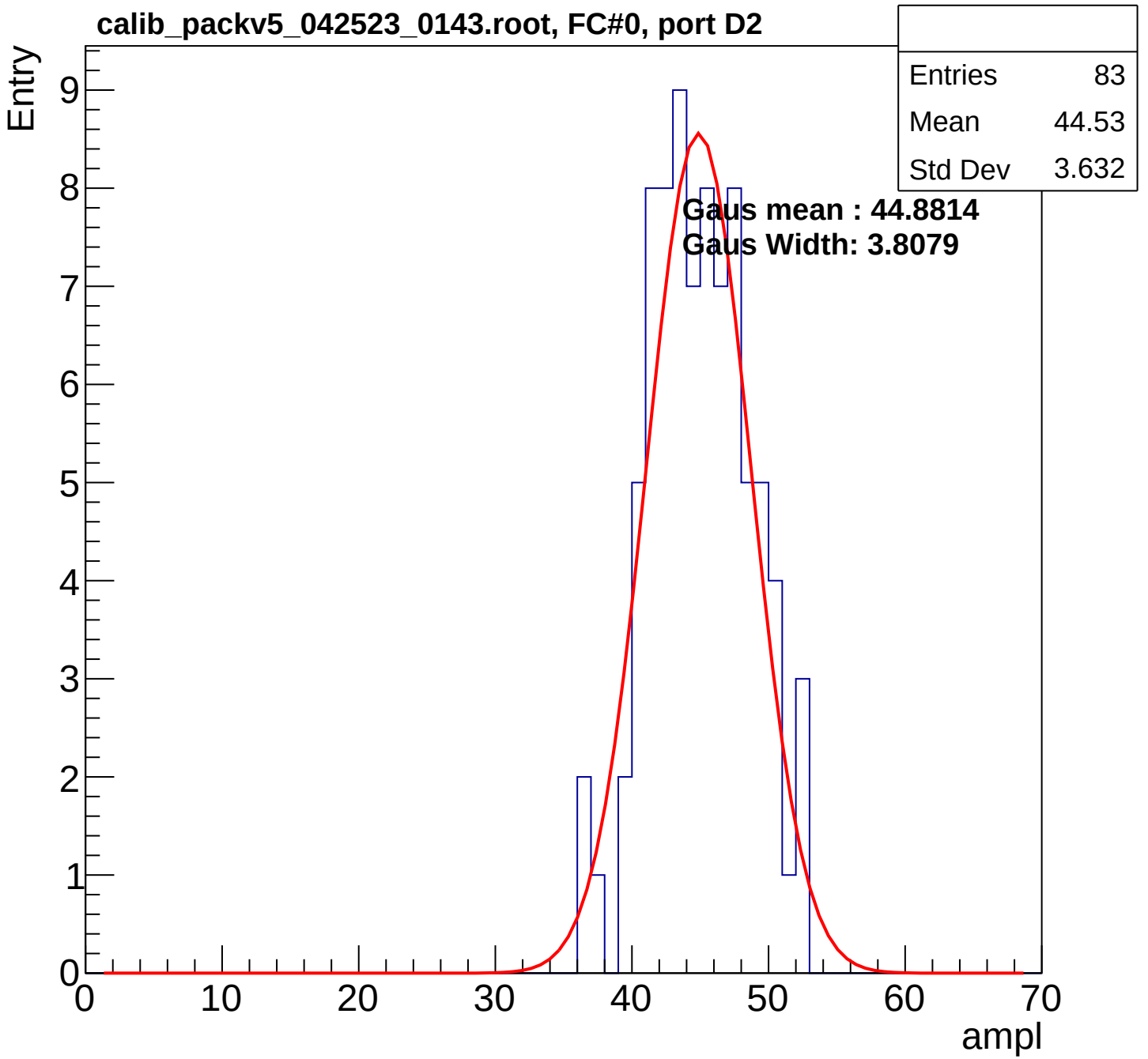

B1L101S, U19-ch99, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 37.1
Std Dev 3.105
Gaus mean : 37.9505
Gaus Width: 3.0106
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch99, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 44.53
Std Dev 3.632
Gaus mean : 44.8814
Gaus Width: 3.8079
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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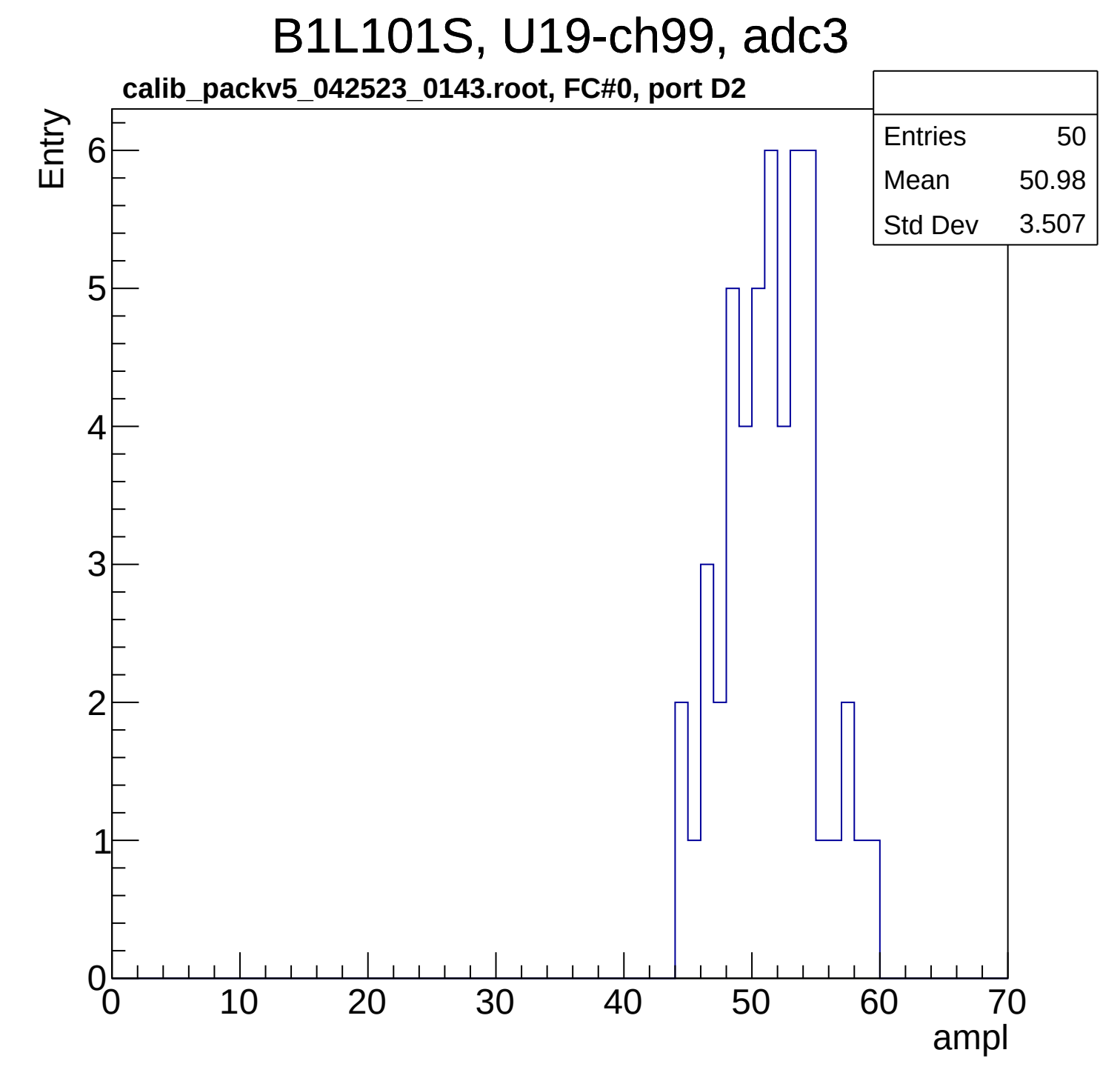
B1L101S, U19-ch99, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 50.98
Std Dev 3.507
Entry
ampl
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0
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60
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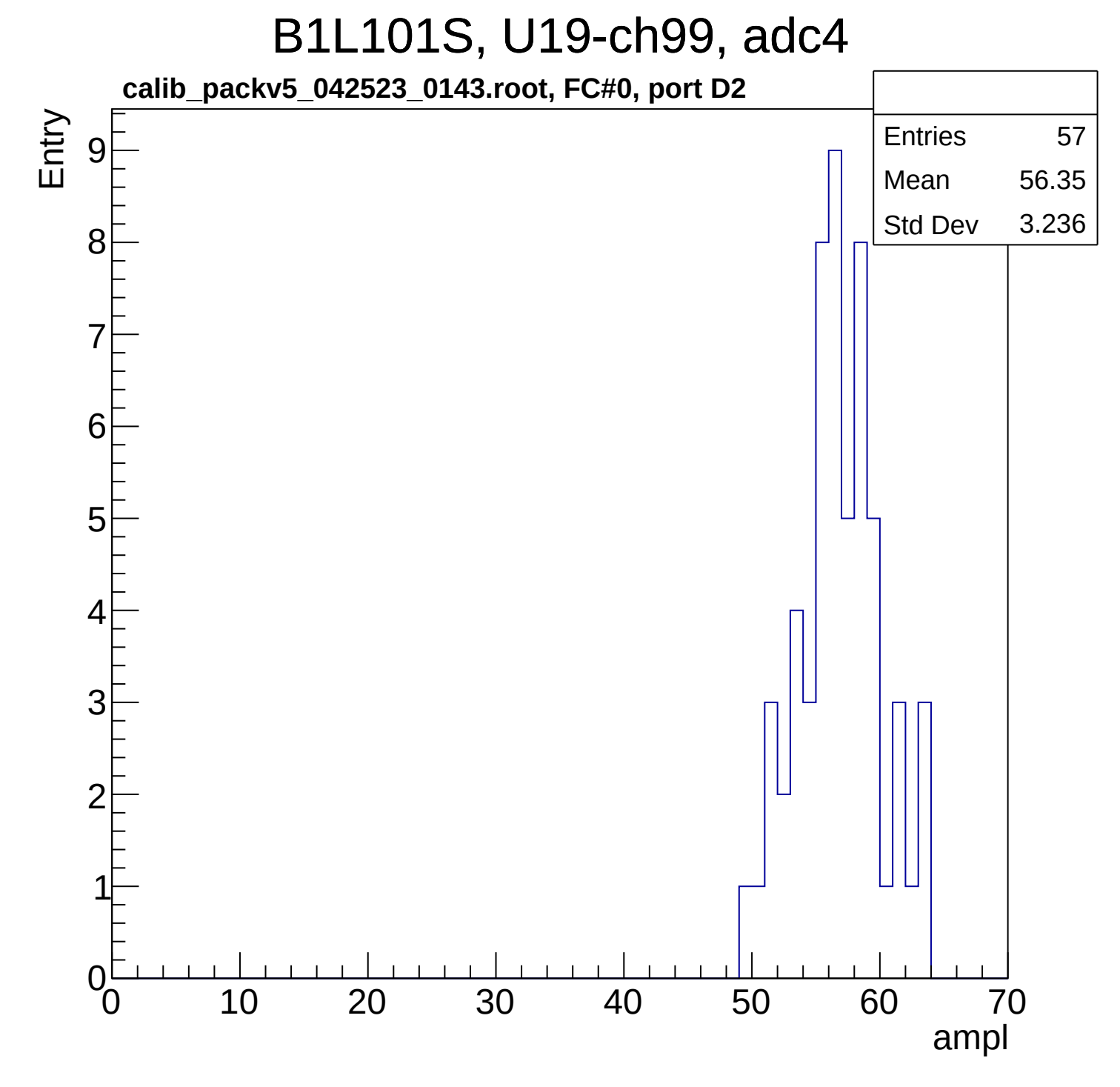
B1L101S, U19-ch99, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 56.35
Std Dev 3.236
Entry
ampl
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3
4
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6
7
8
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0
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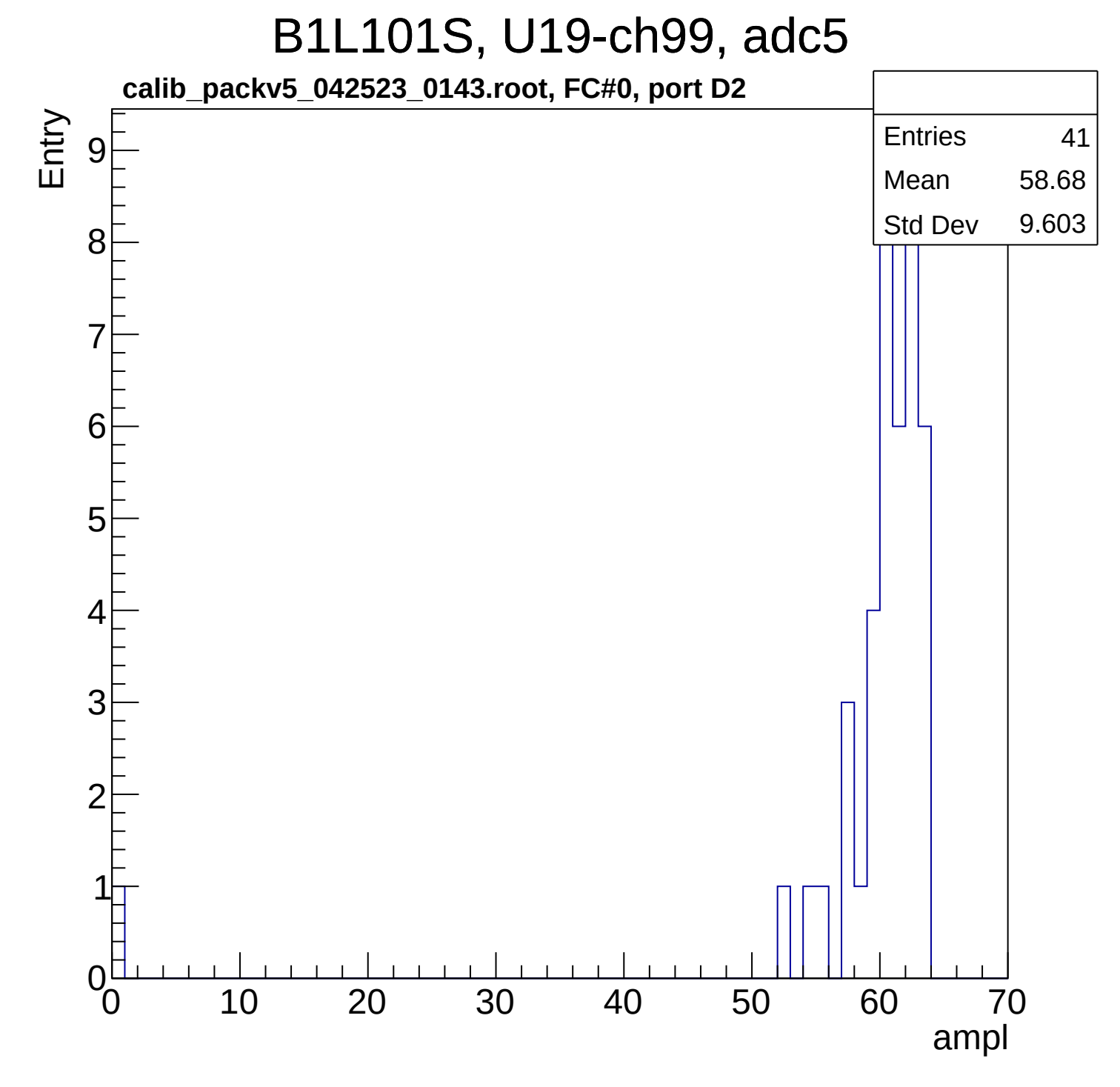
B1L101S, U19-ch99, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 58.68
Std Dev 9.603
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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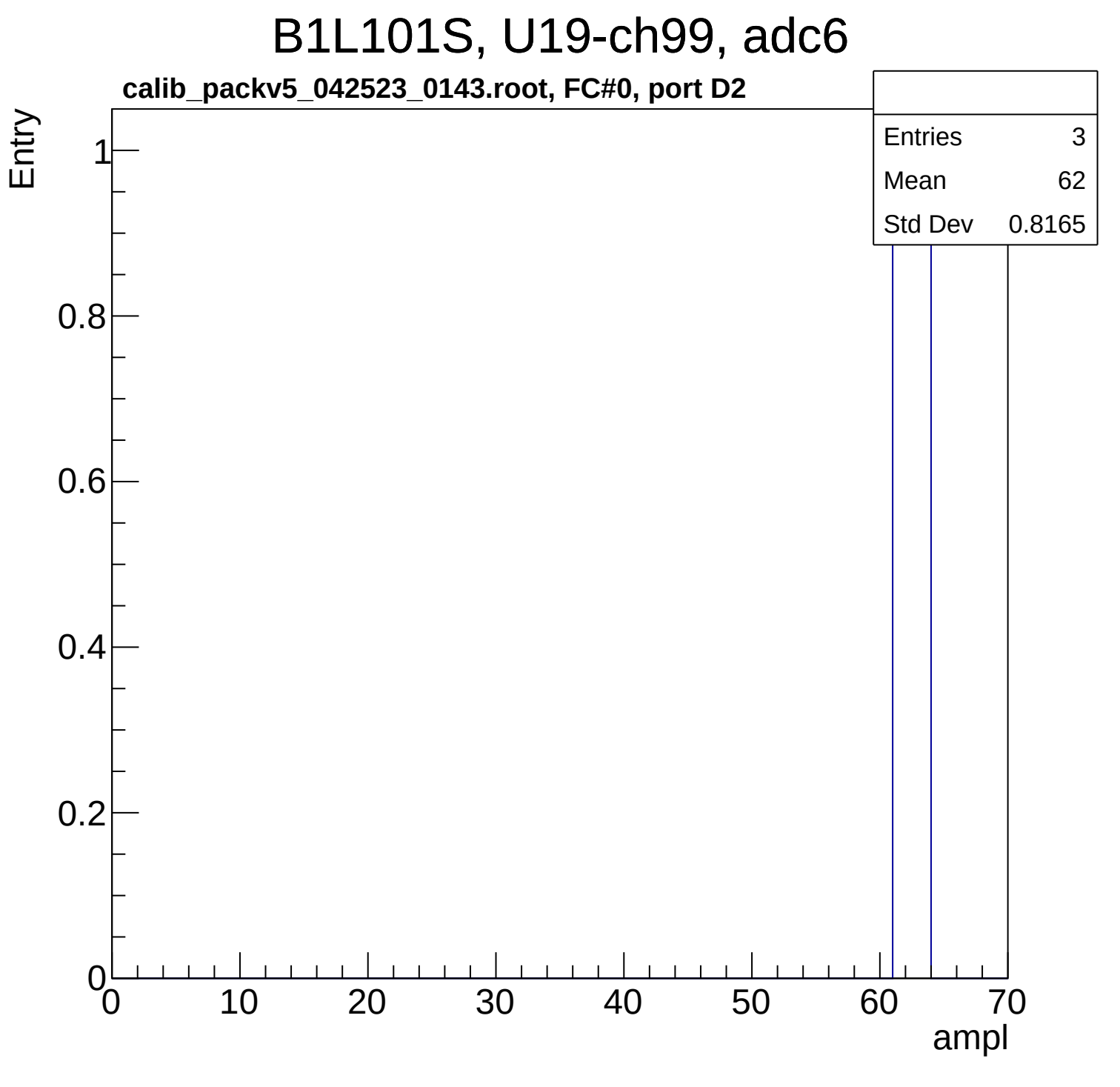
B1L101S, U19-ch99, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62
Std Dev 0.8165
Entry
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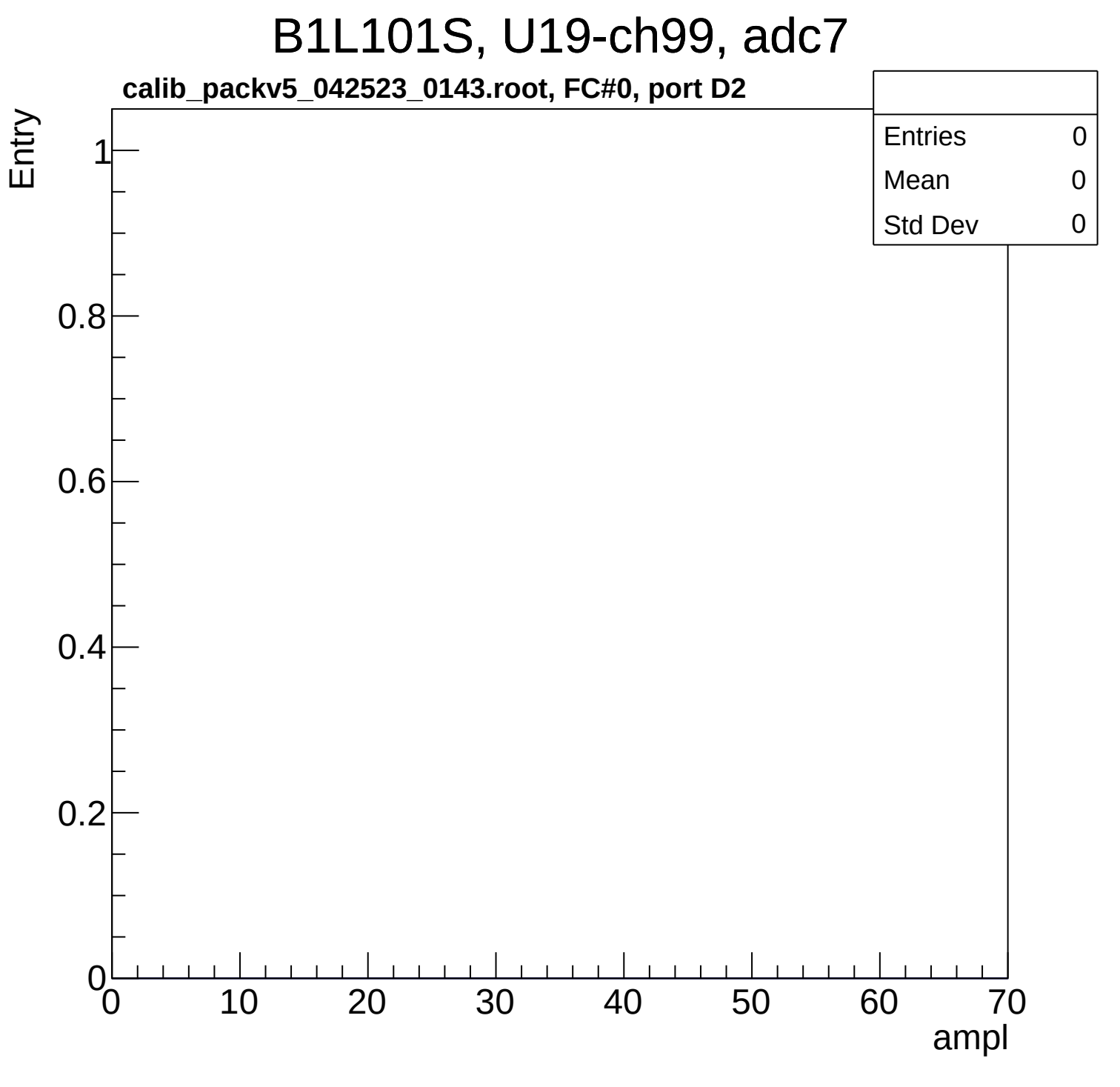
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch99, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
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10
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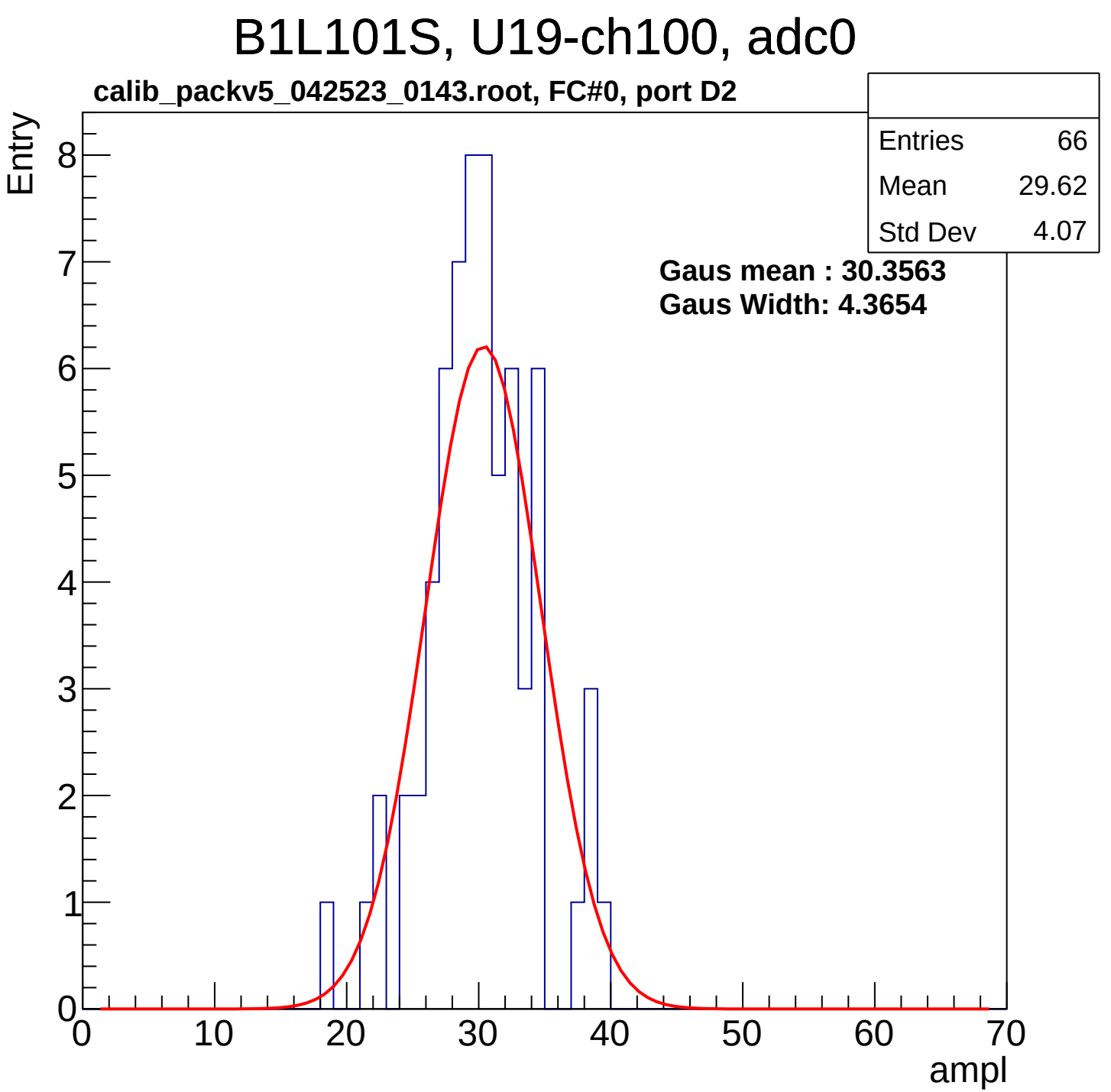
ampl


B1L101S, U19-ch100, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 29.62
Std Dev 4.07
Gaus mean : 30.3563
Gaus Width: 4.3654
Entry
ampl
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2
3
4
5
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7
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0
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40
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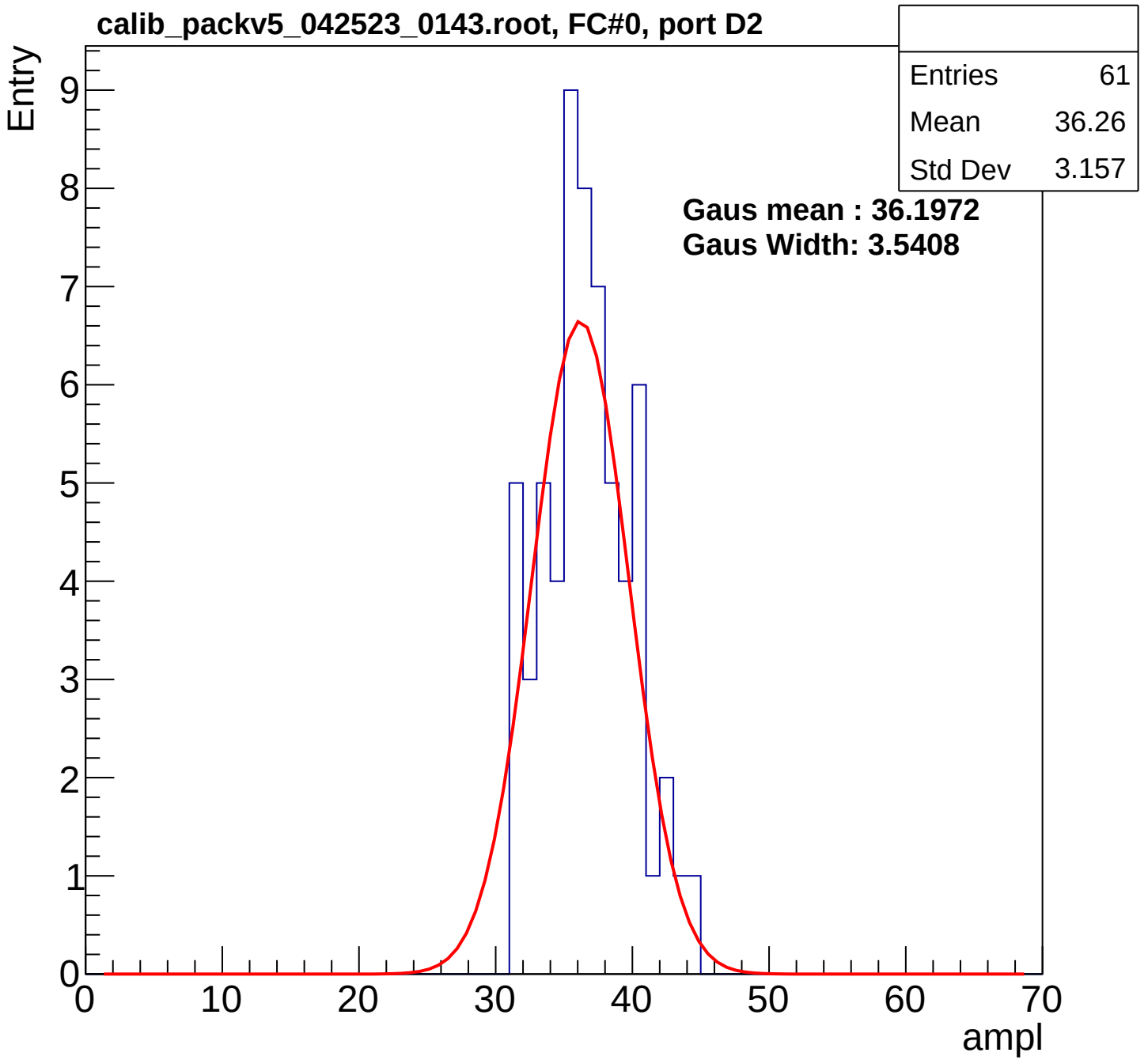
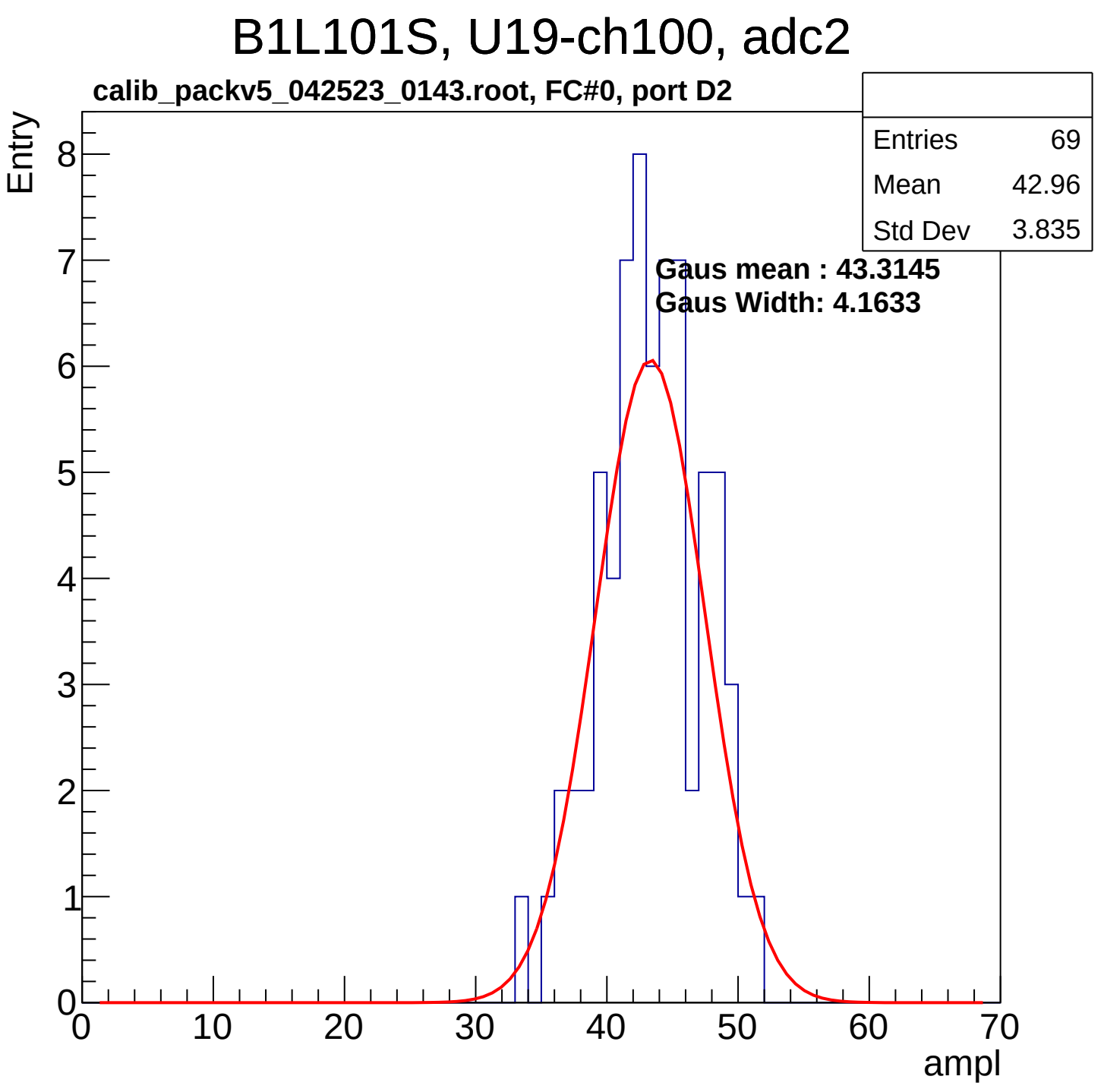

B1L101S, U19-ch100, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 36.26
Std Dev 3.157
Gaus mean : 36.1972
Gaus Width: 3.5408
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch100, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 42.96
Std Dev 3.835
Gaus mean : 43.3145
Gaus Width: 4.1633
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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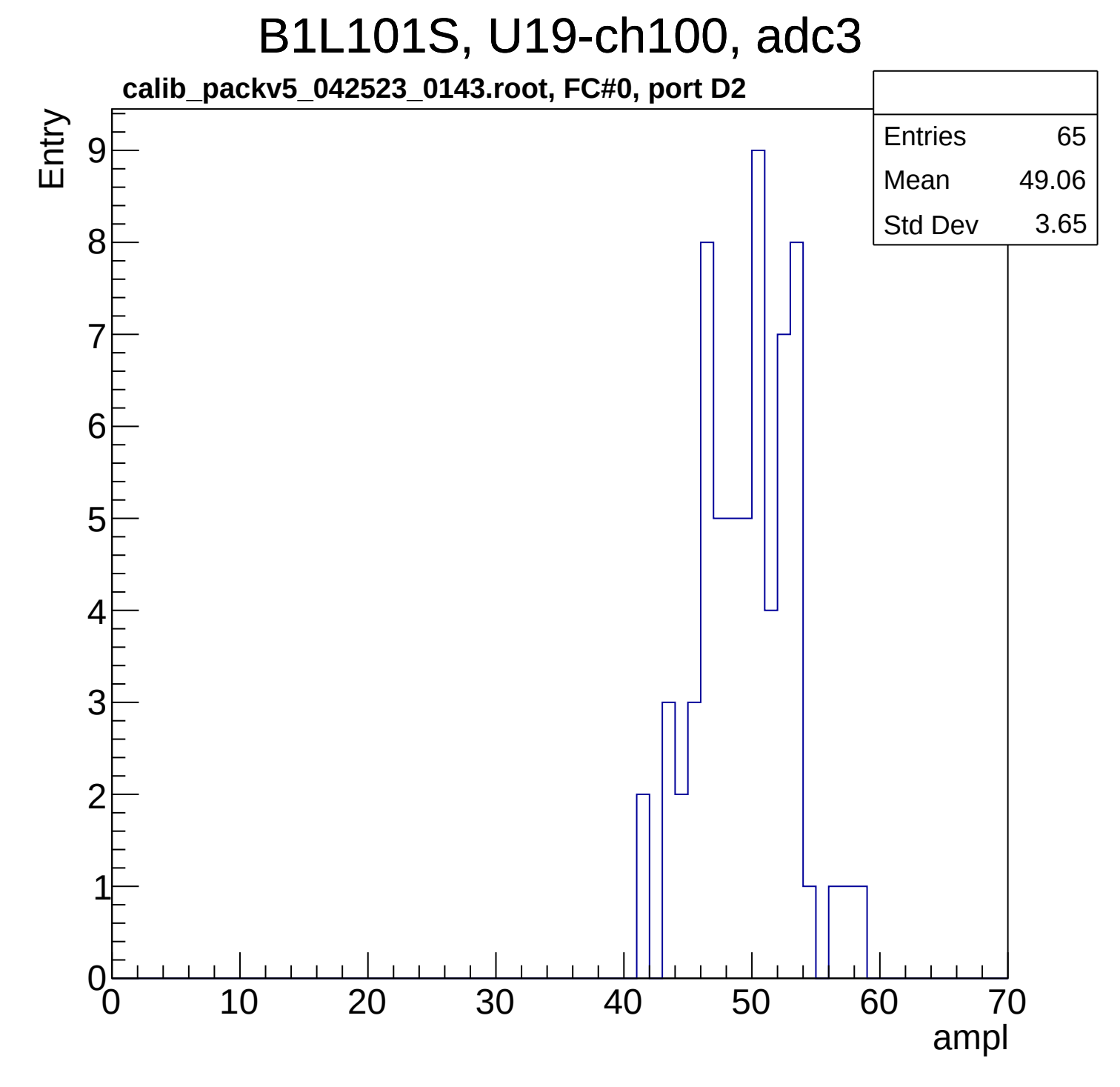
B1L101S, U19-ch100, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 49.06
Std Dev 3.65
Entry
ampl
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2
3
4
5
6
7
8
9
0
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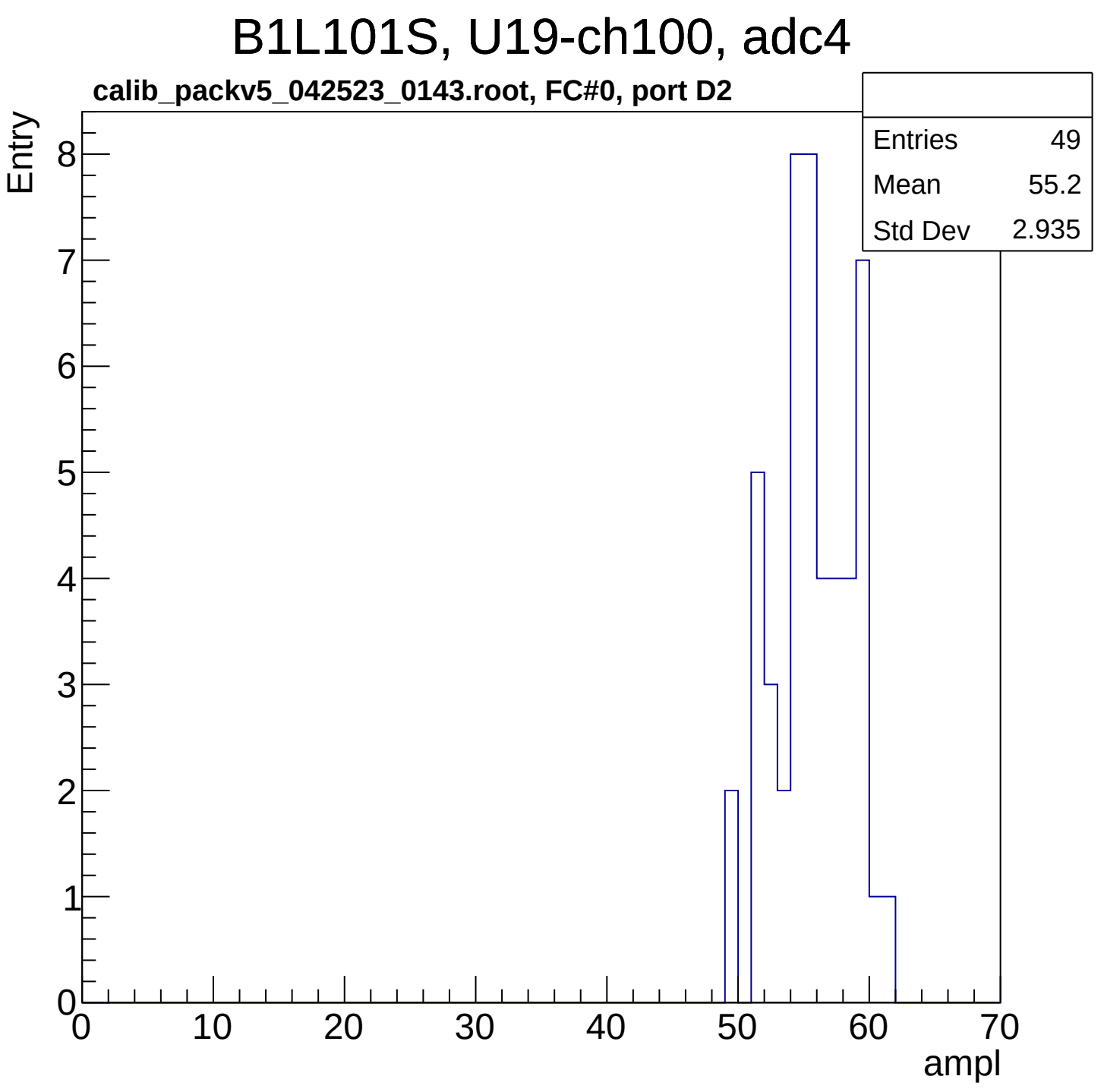
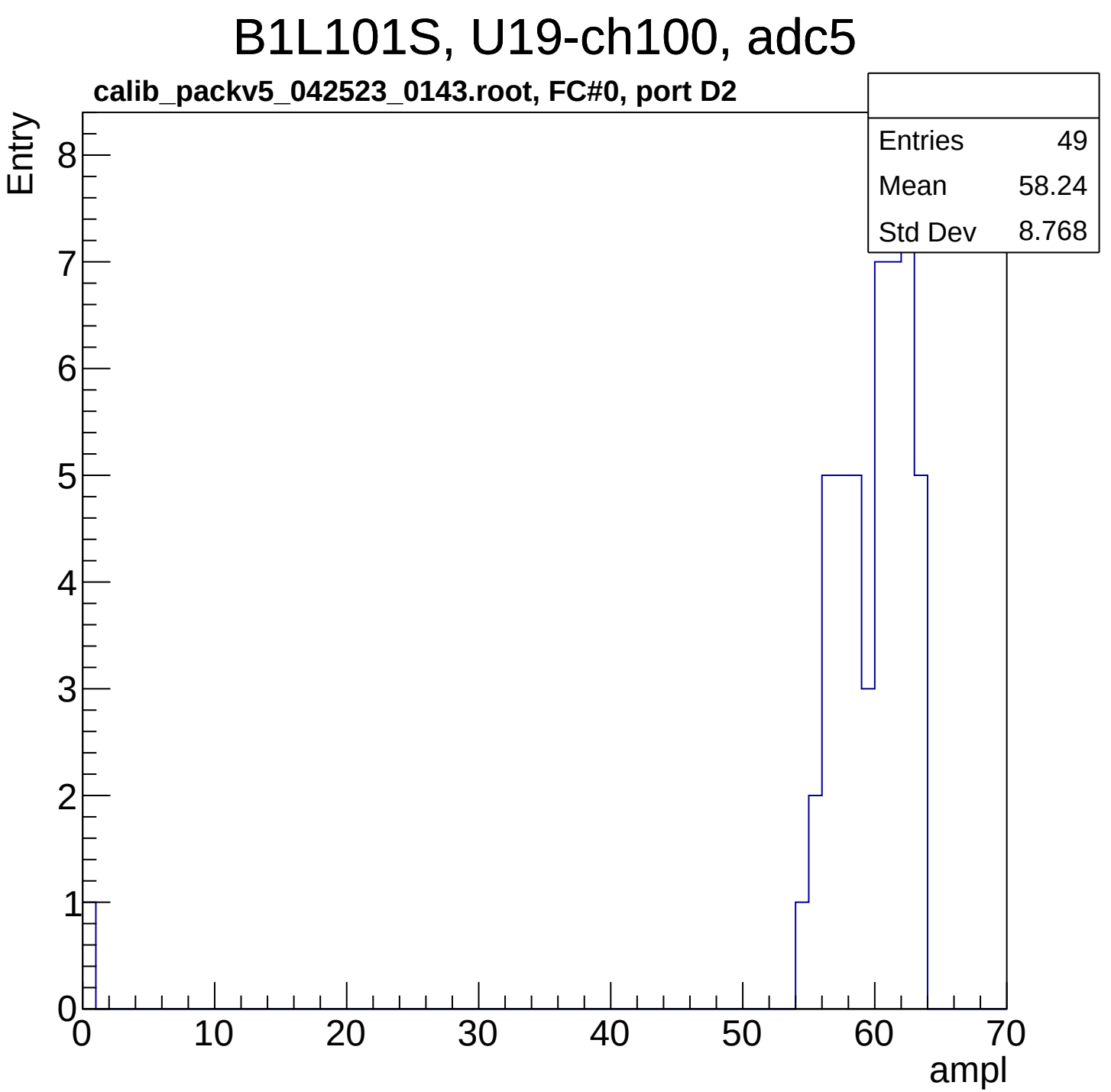

B1L101S, U19-ch100, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 55.2
Std Dev 2.935
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch100, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 58.24
Std Dev 8.768
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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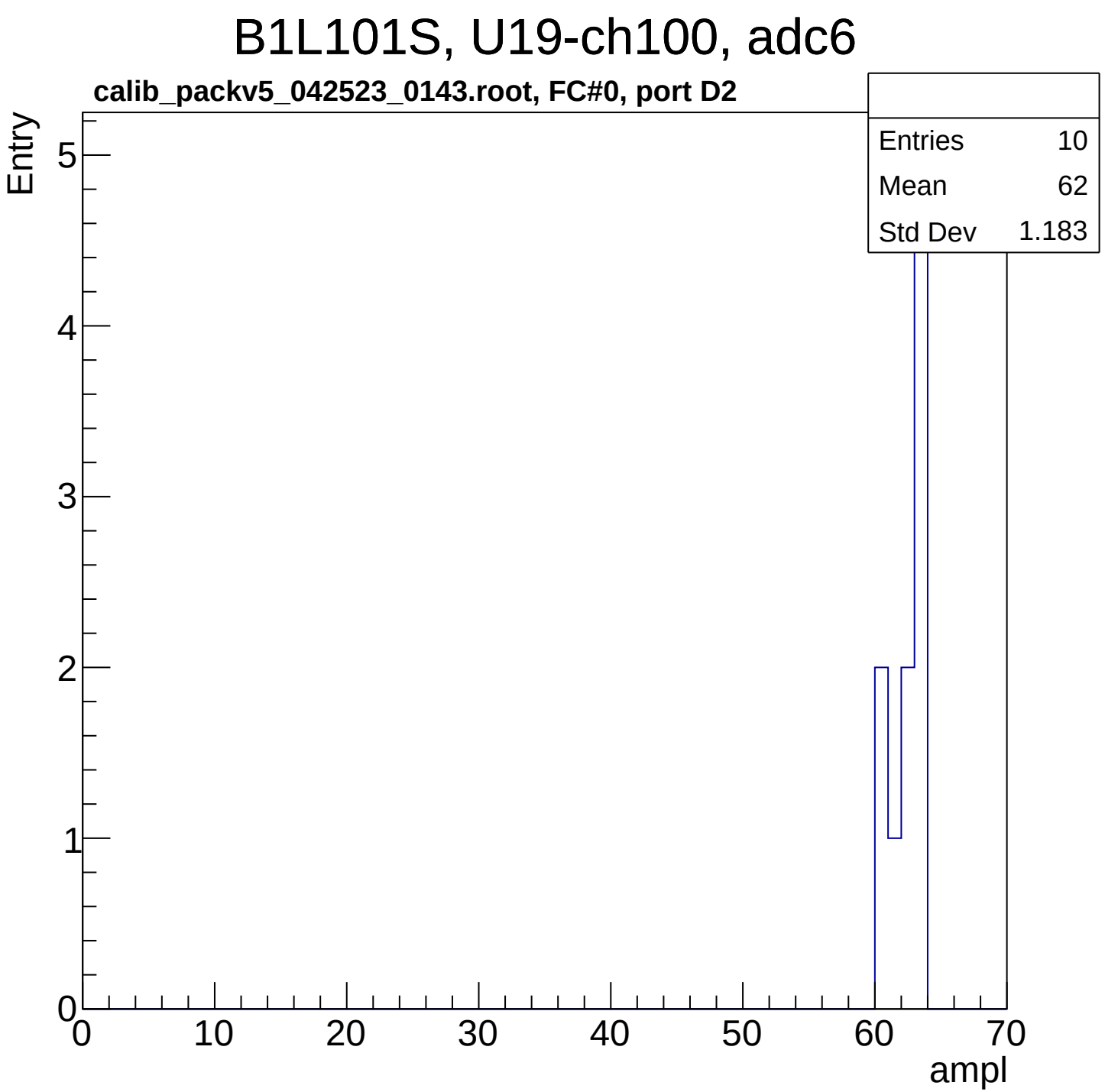
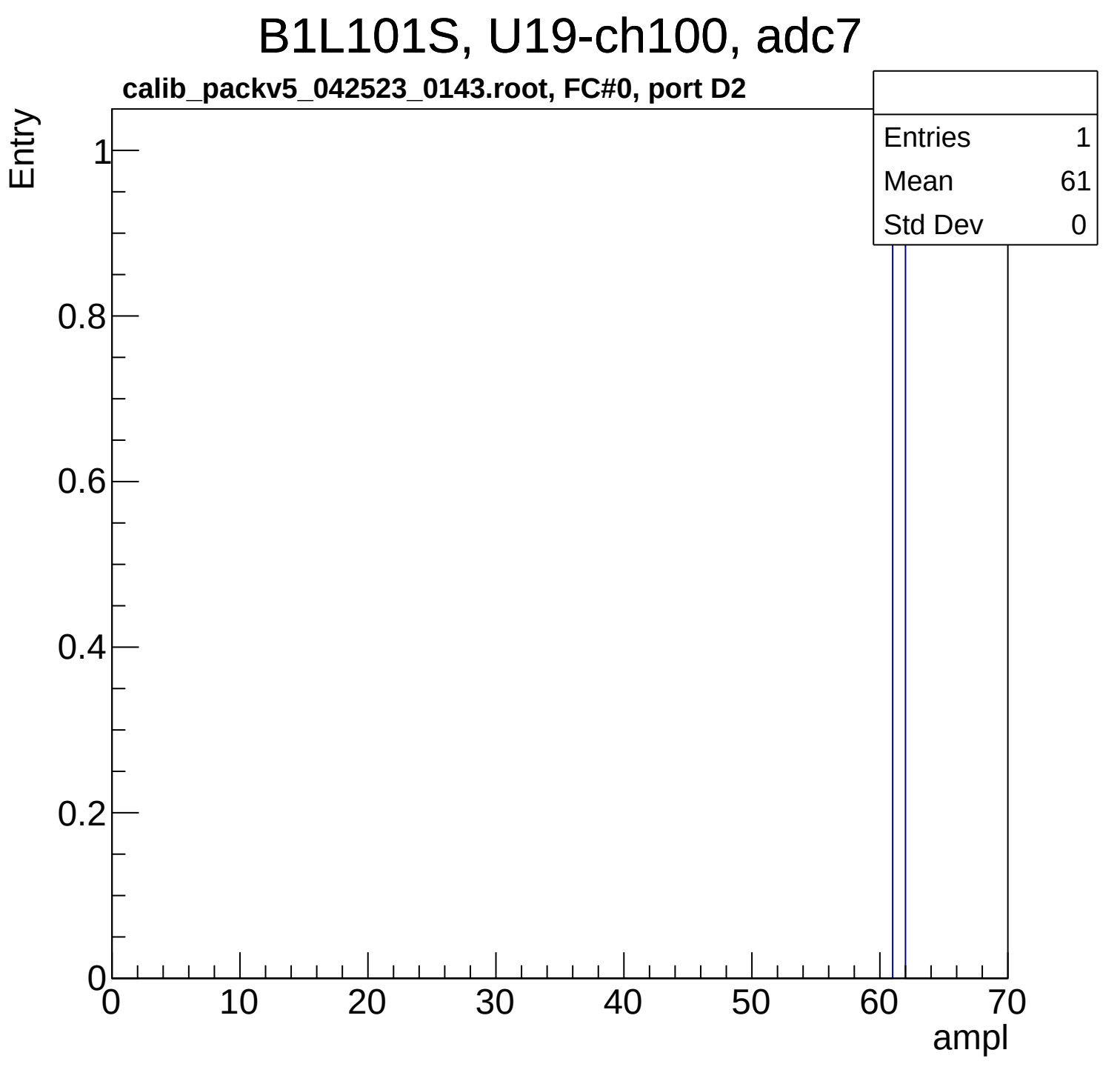
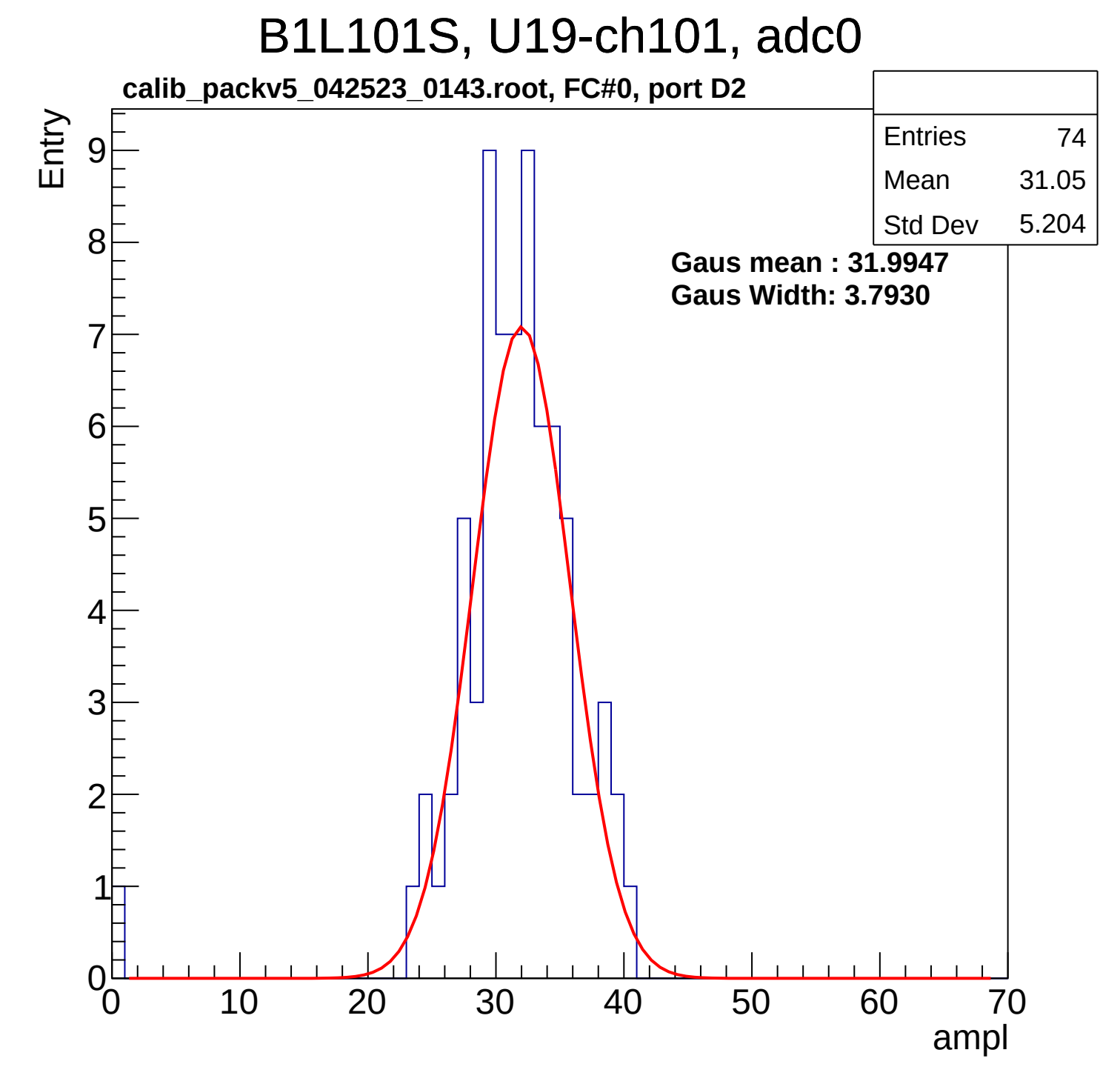
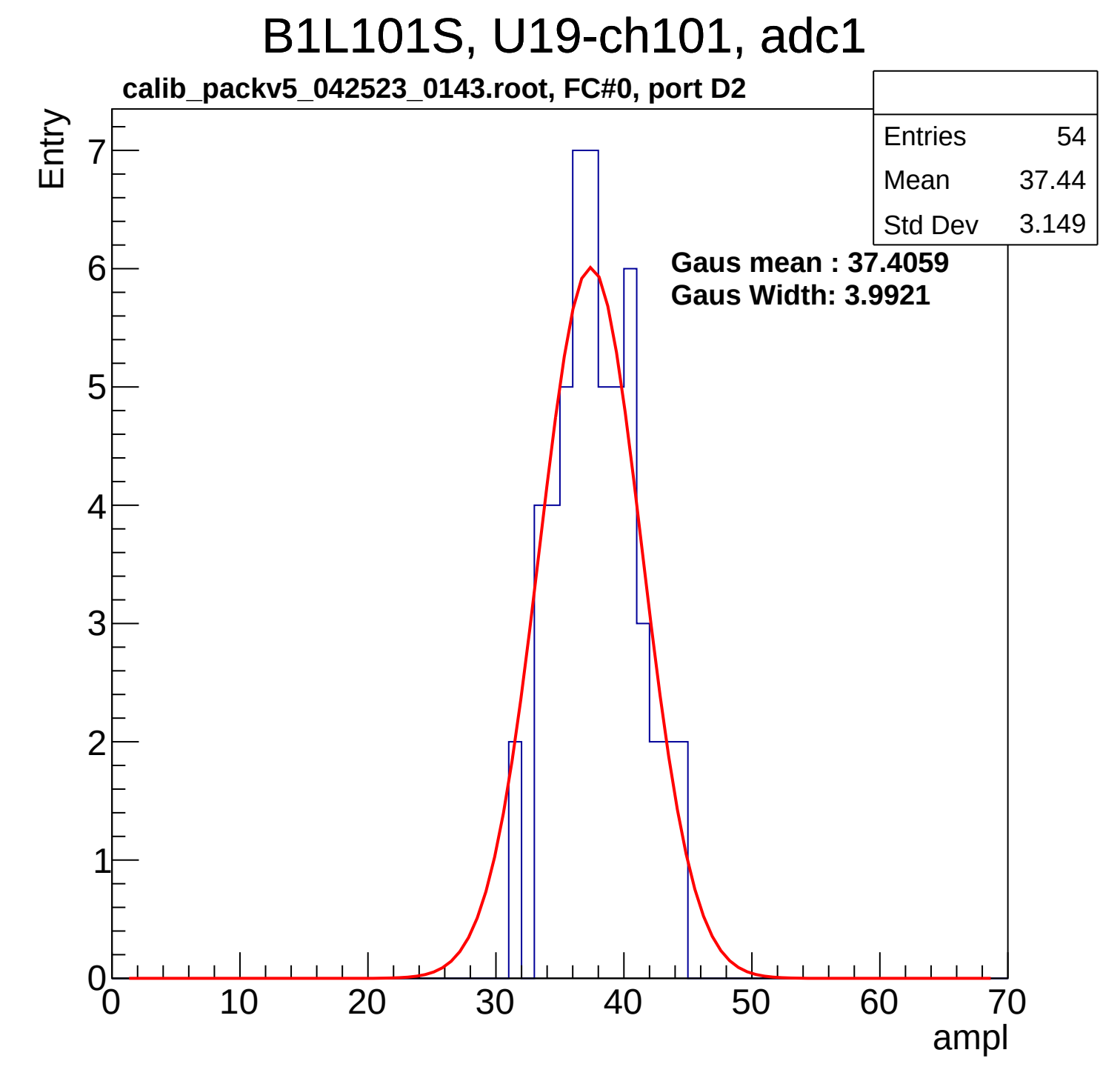

B1L101S, U19-ch100, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 62
Std Dev 1.183
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch100, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch101, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 31.05
Std Dev 5.204
Gaus mean : 31.9947
Gaus Width: 3.7930
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch101, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 37.44
Std Dev 3.149
Gaus mean : 37.4059
Gaus Width: 3.9921
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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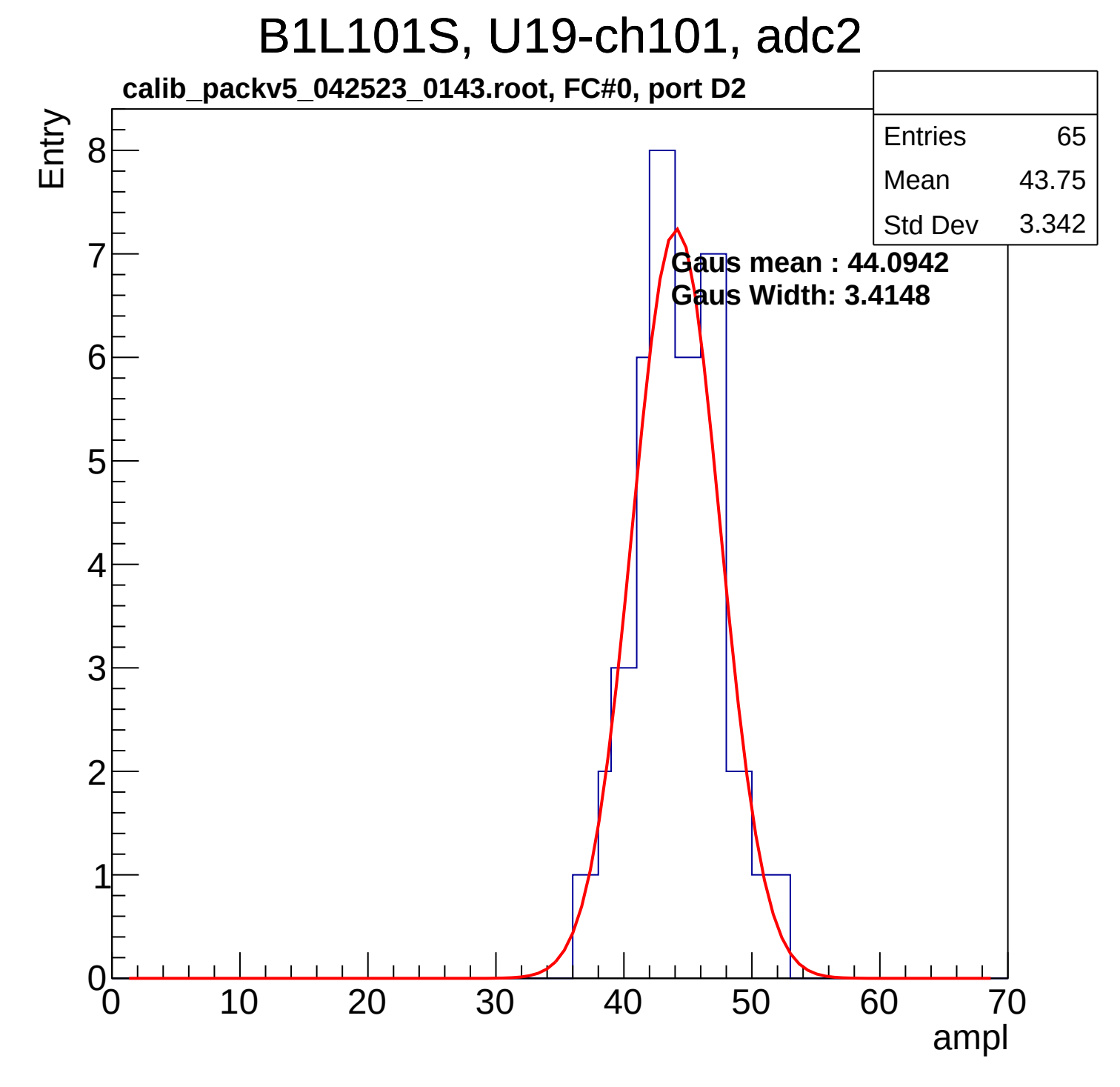
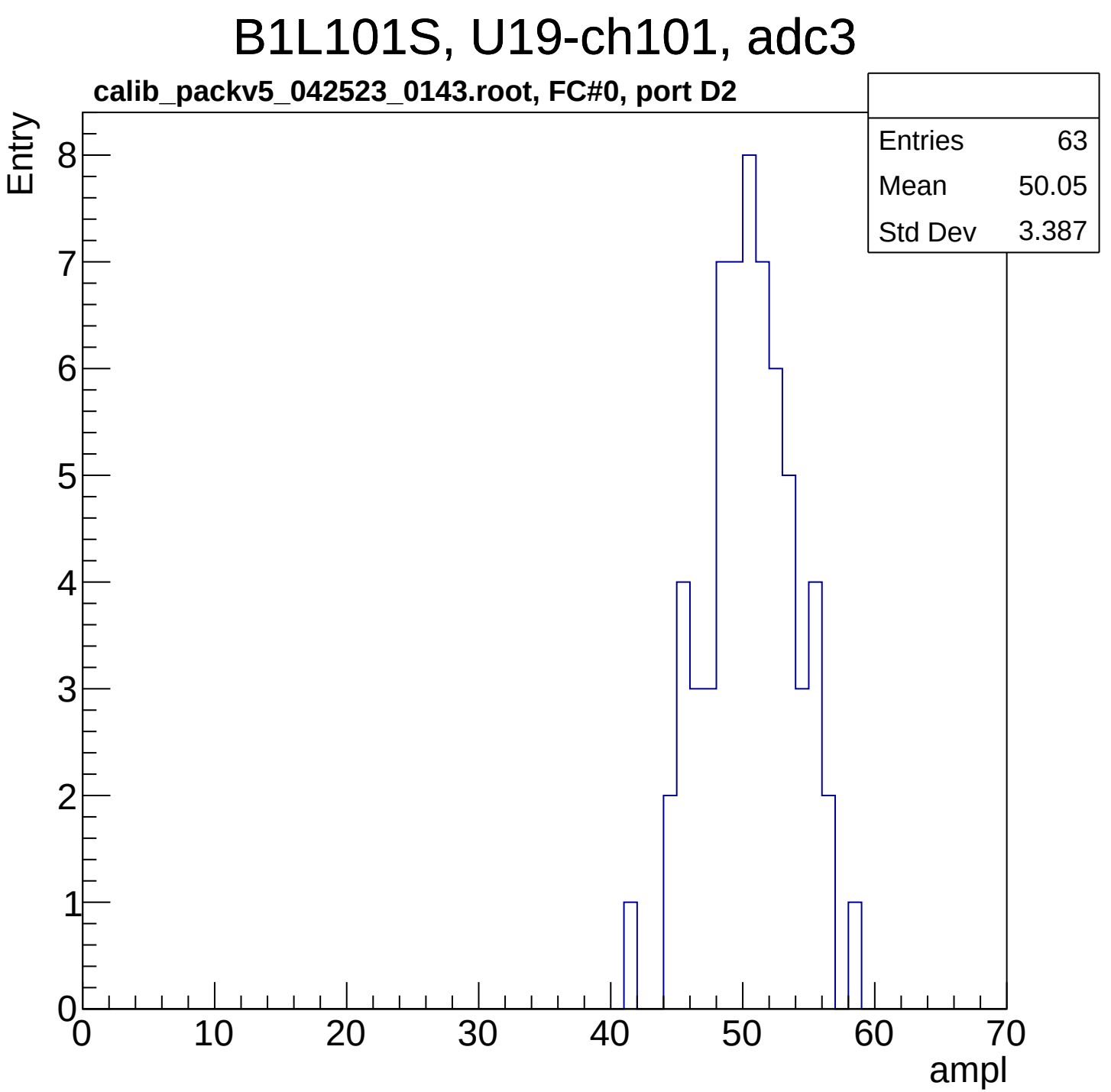
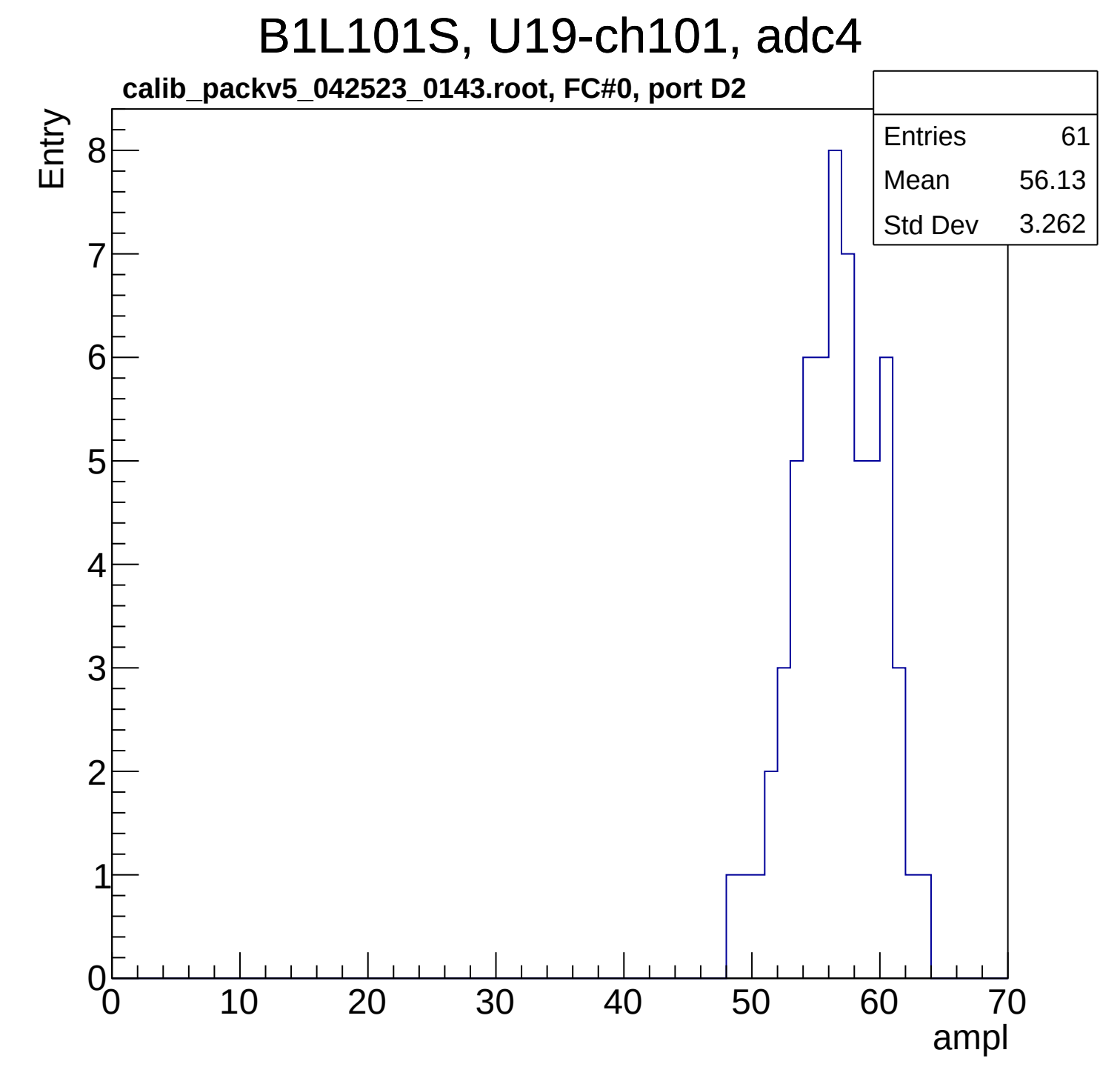
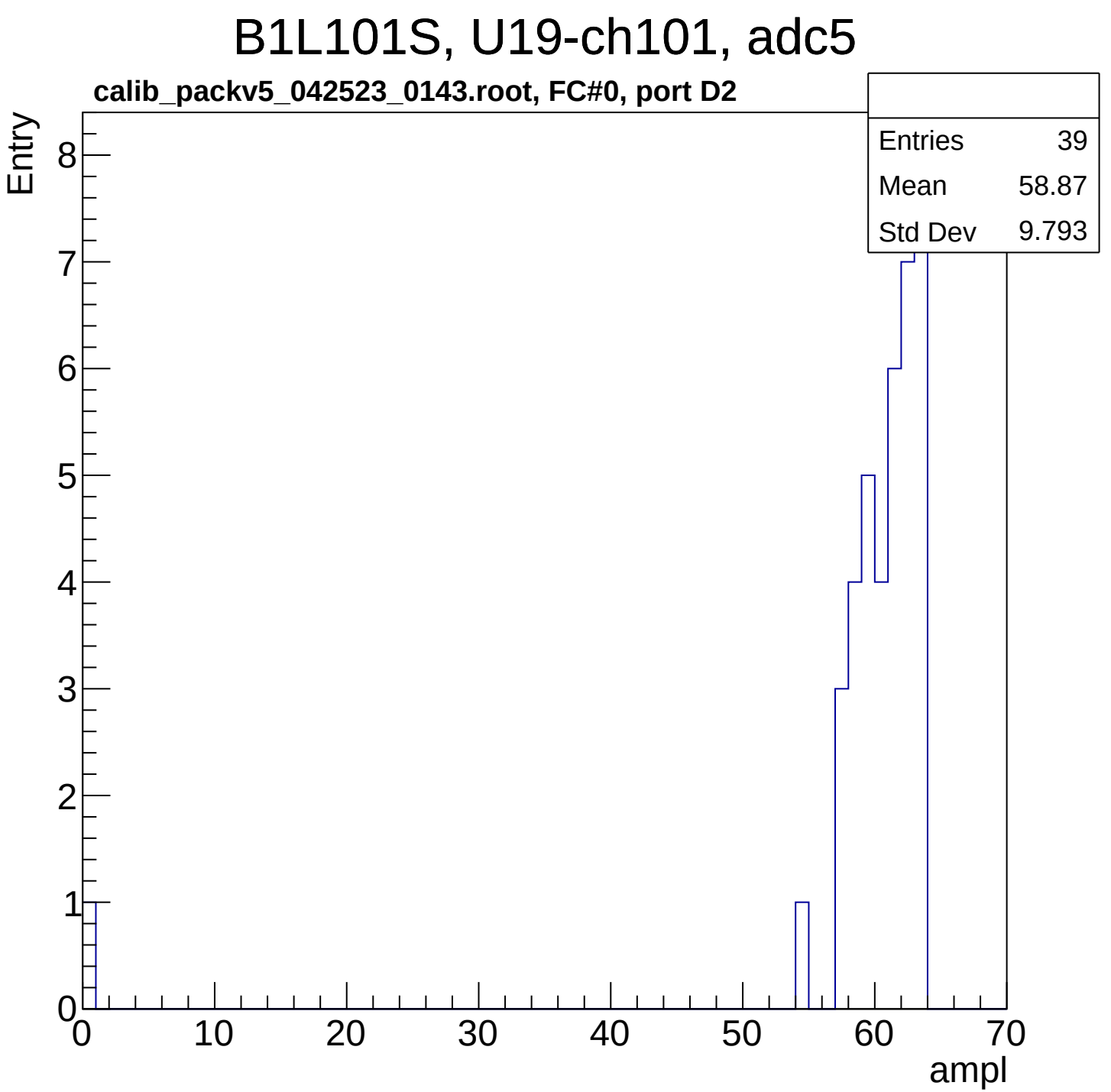
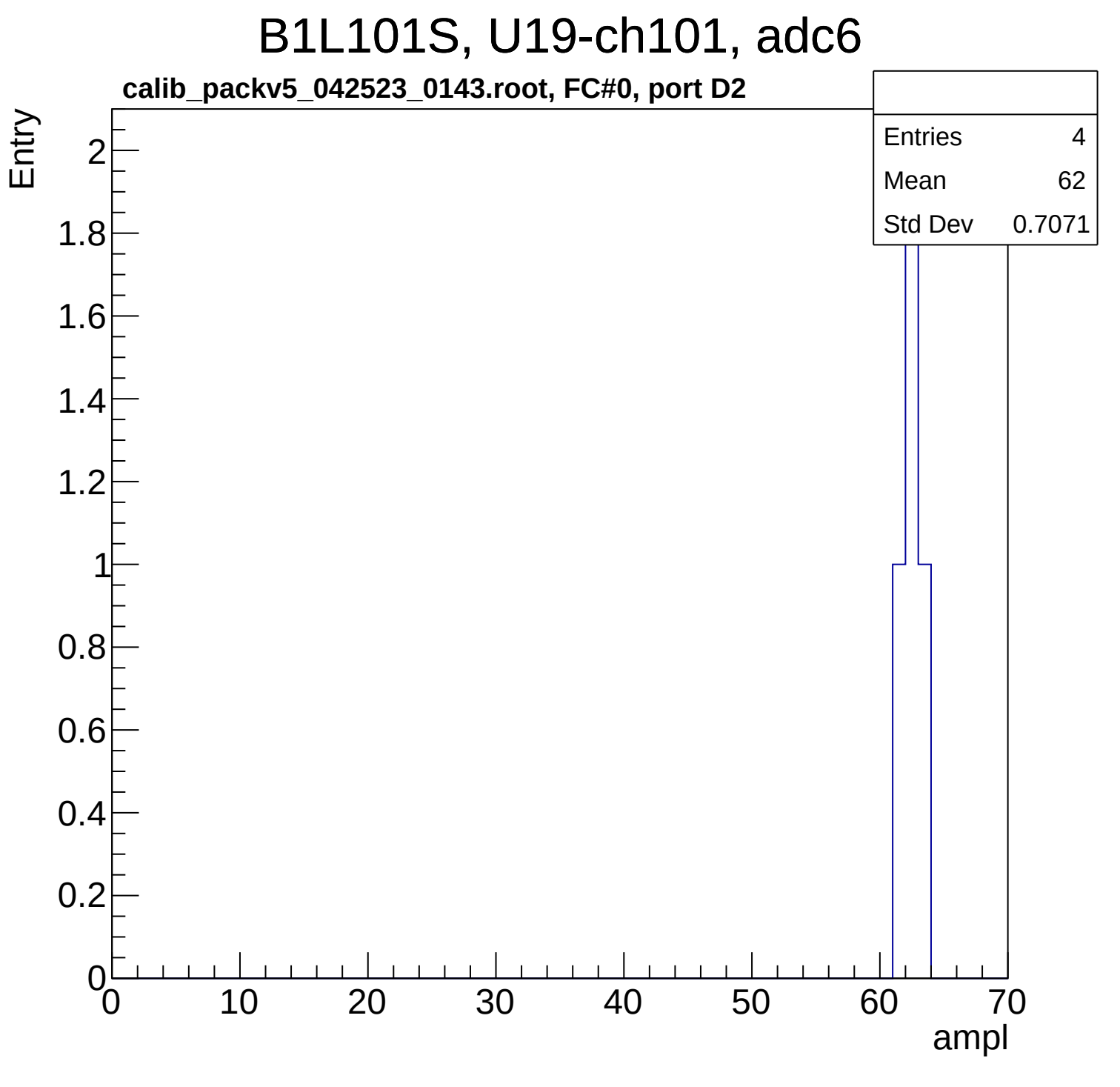
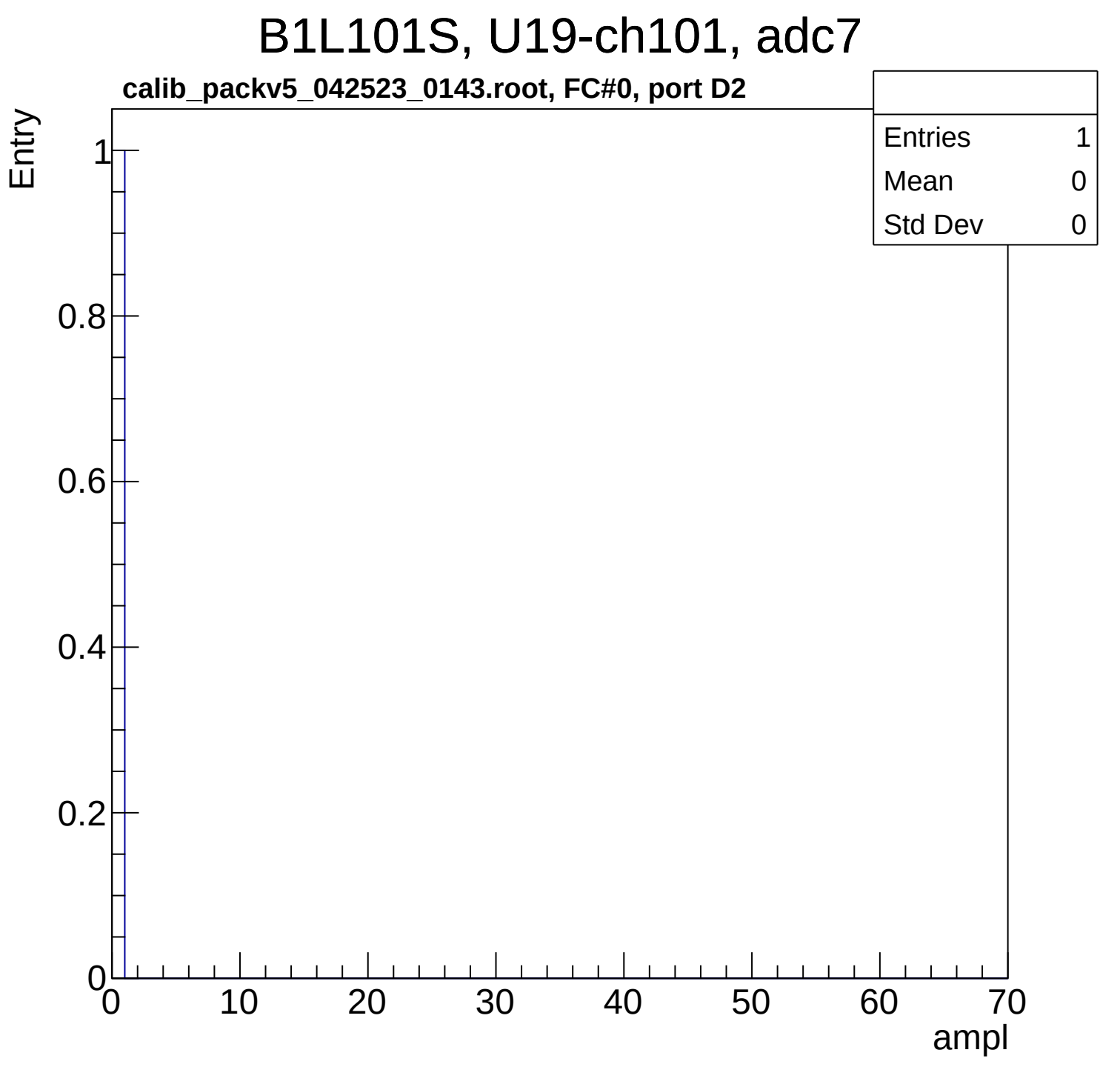

B1L101S, U19-ch101, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 43.75
Std Dev 3.342
Gaus mean : 44.0942
Gaus Width: 3.4148
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

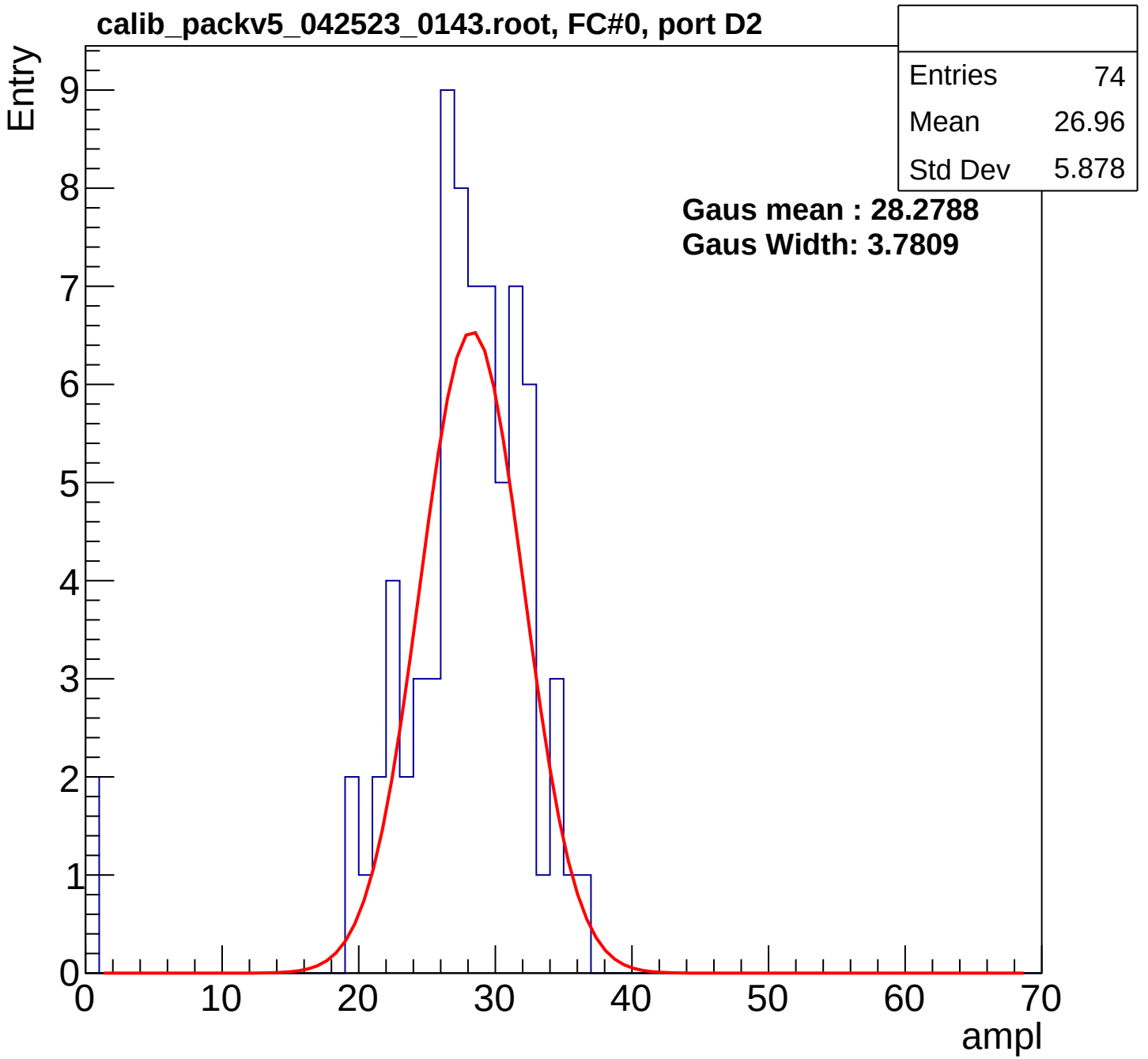

B1L101S, U19-ch101, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 50.05
Std Dev 3.387
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

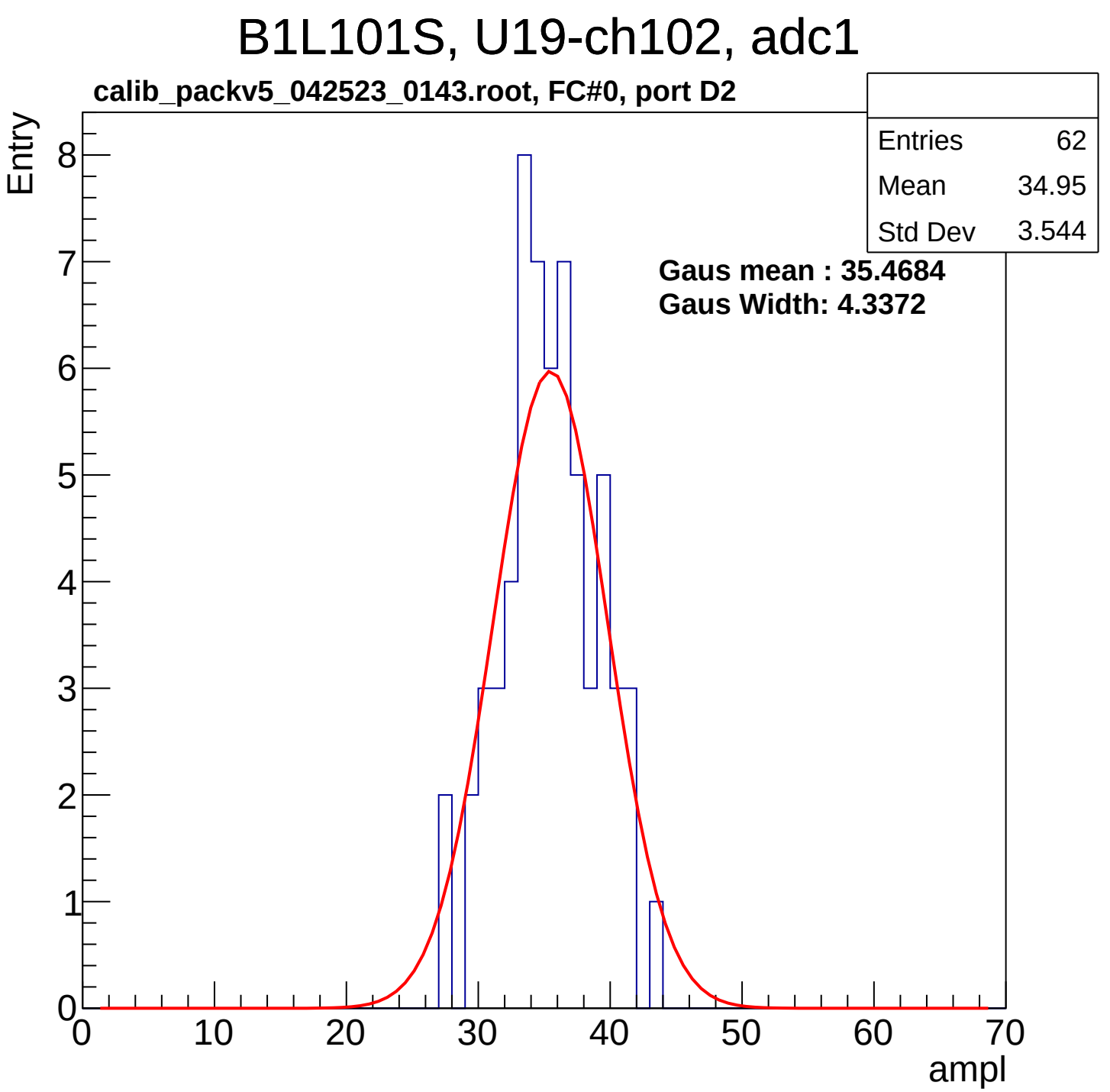

B1L101S, U19-ch101, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 56.13
Std Dev 3.262
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

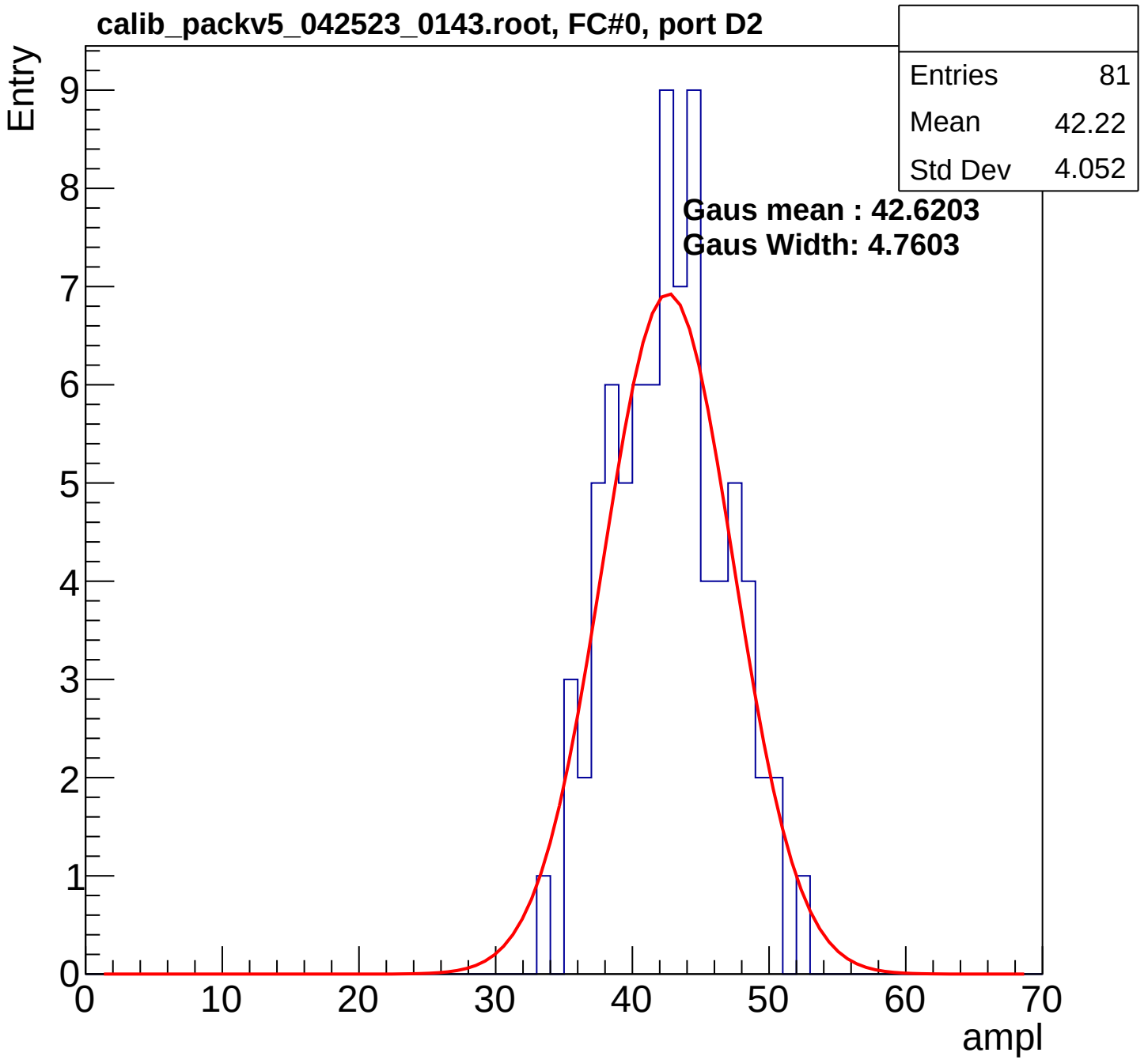

B1L101S, U19-ch101, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 58.87
Std Dev 9.793
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

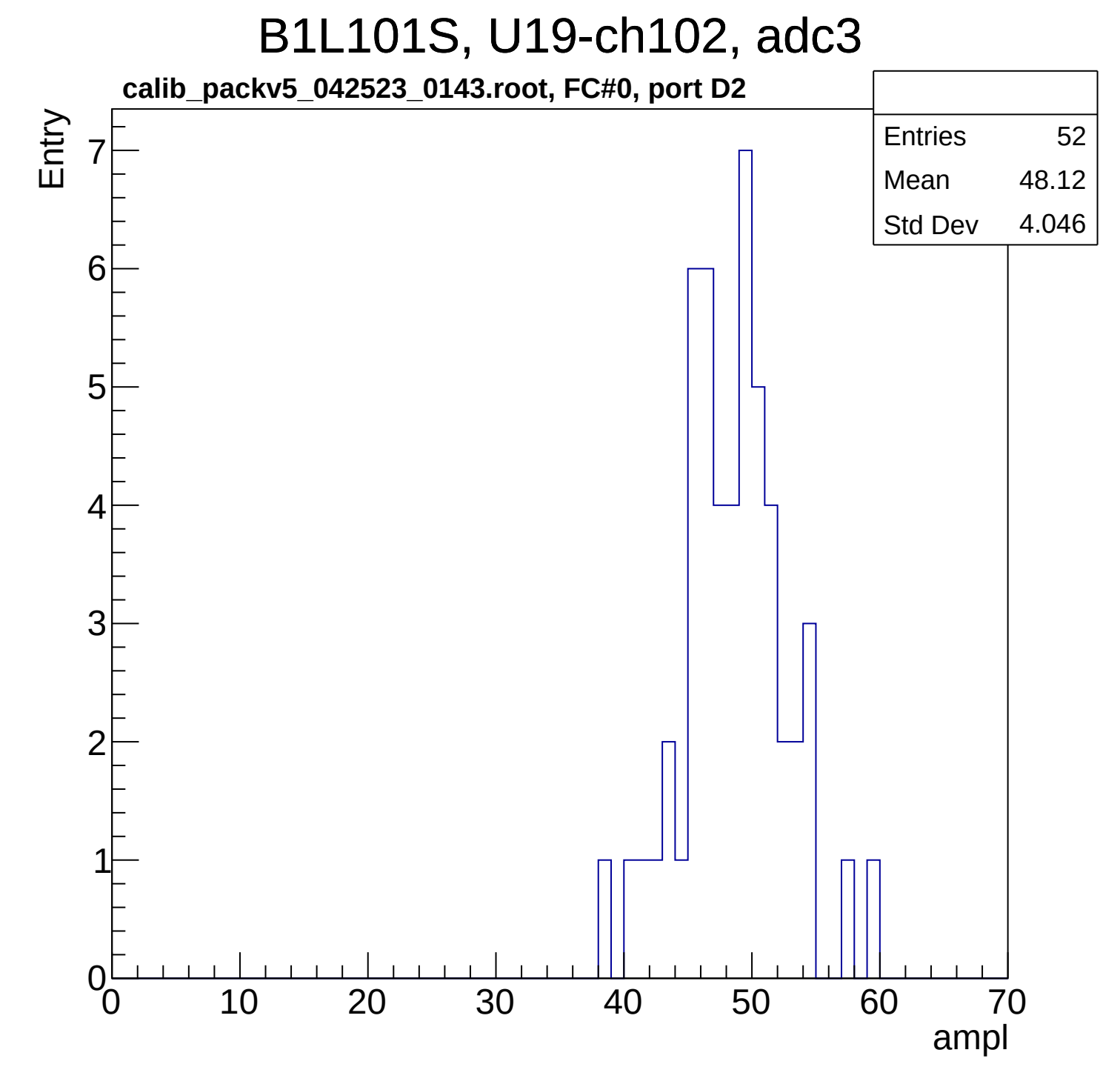

B1L101S, U19-ch101, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch101, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch102, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 26.96
Std Dev 5.878
Gaus mean : 28.2788
Gaus Width: 3.7809
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch102, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 34.95
Std Dev 3.544
Gaus mean : 35.4684
Gaus Width: 4.3372
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch102, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 42.22
Std Dev 4.052
Gaus mean : 42.6203
Gaus Width: 4.7603
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch102, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 48.12
Std Dev 4.046
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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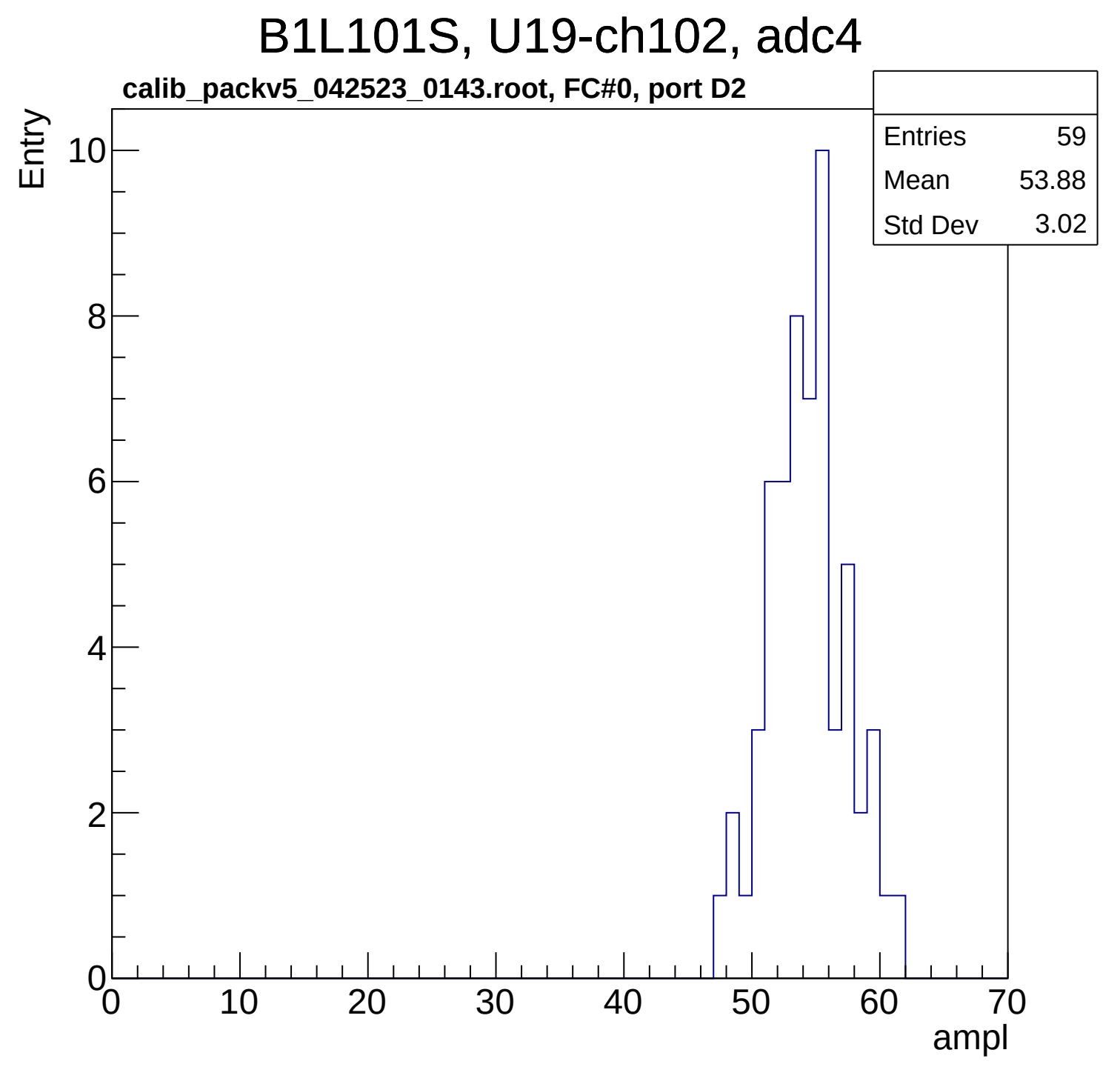
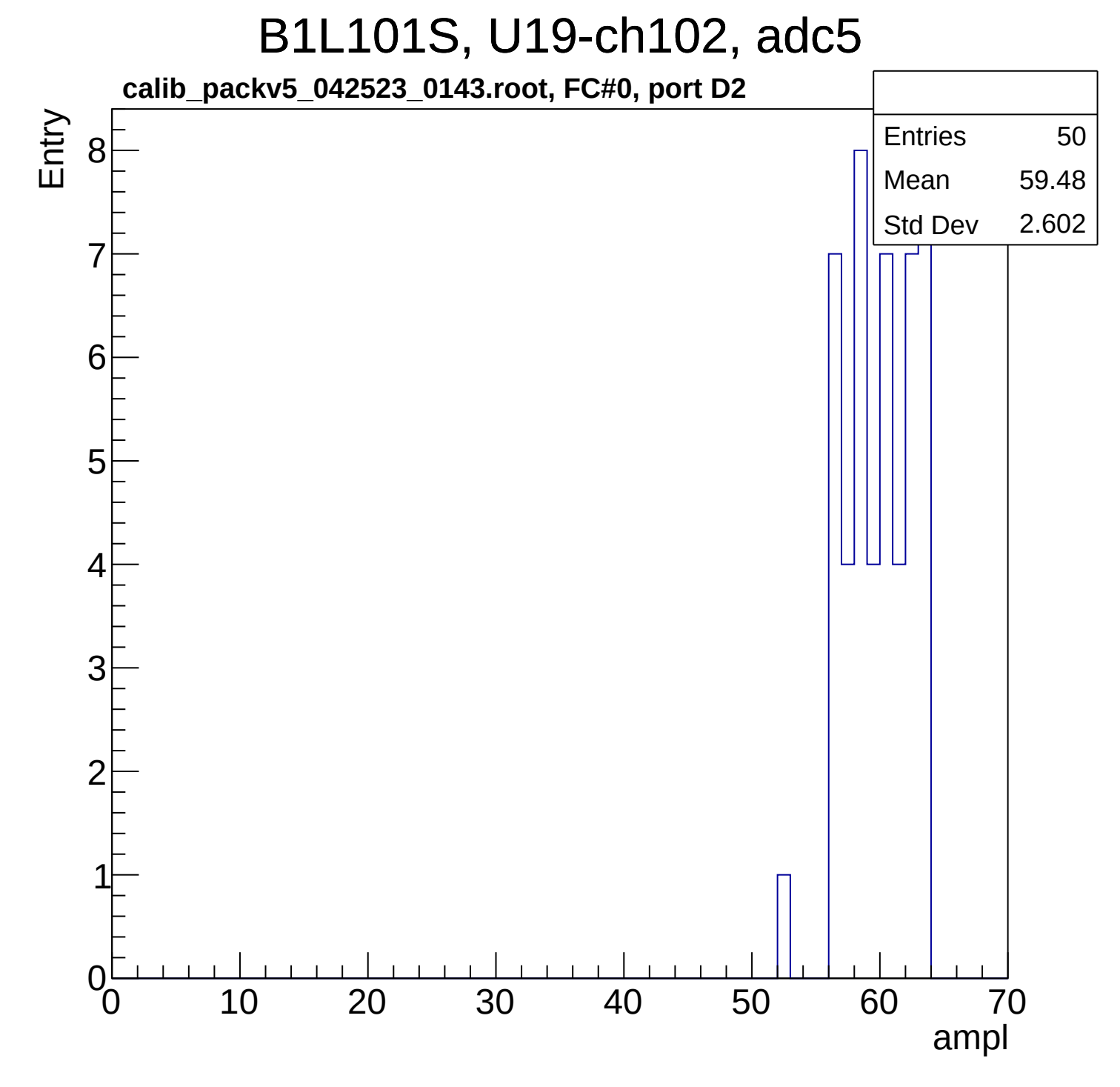
40
50
60
70


B1L101S, U19-ch102, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 53.88
Std Dev 3.02
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch102, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 59.48
Std Dev 2.602
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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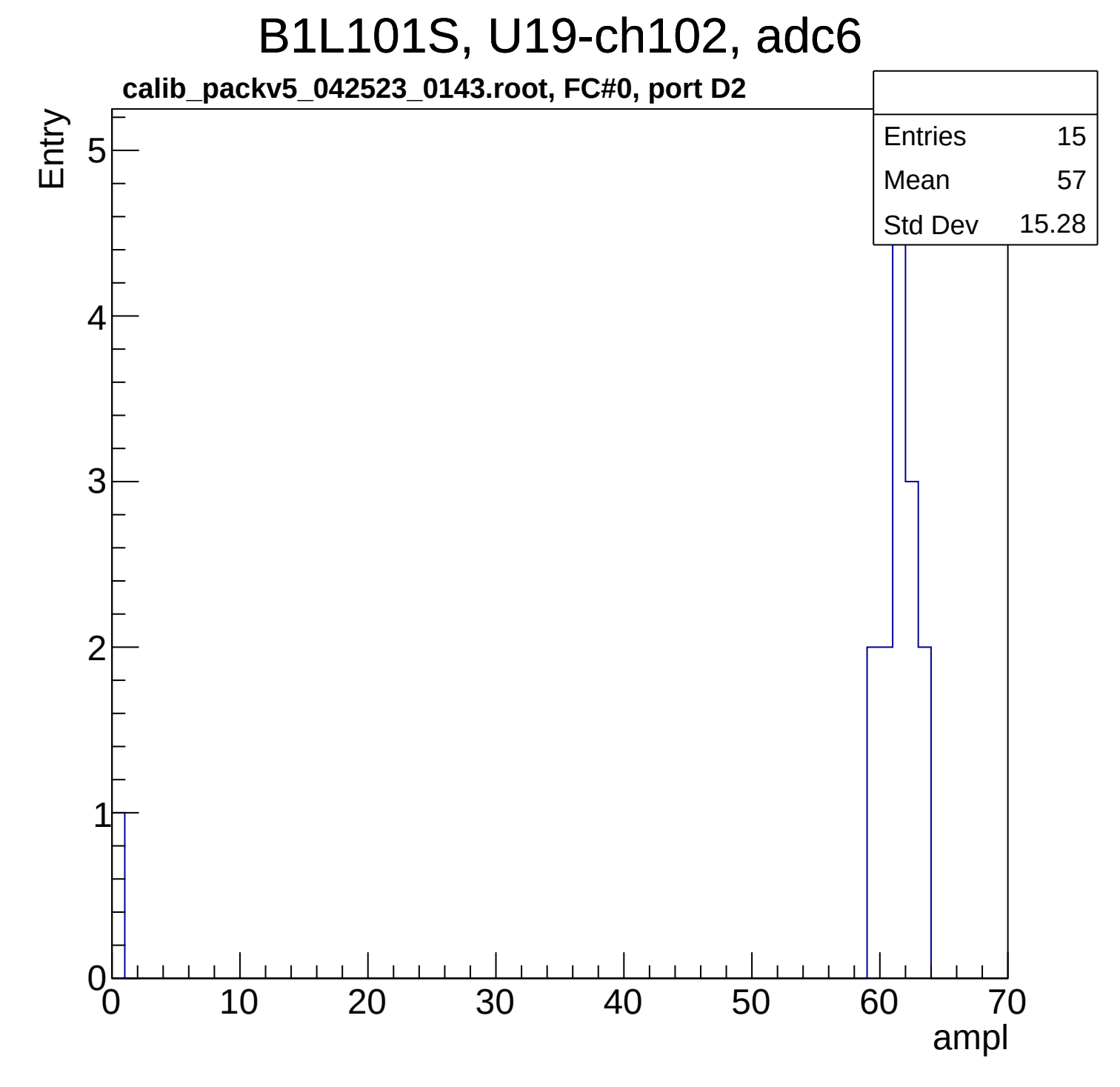
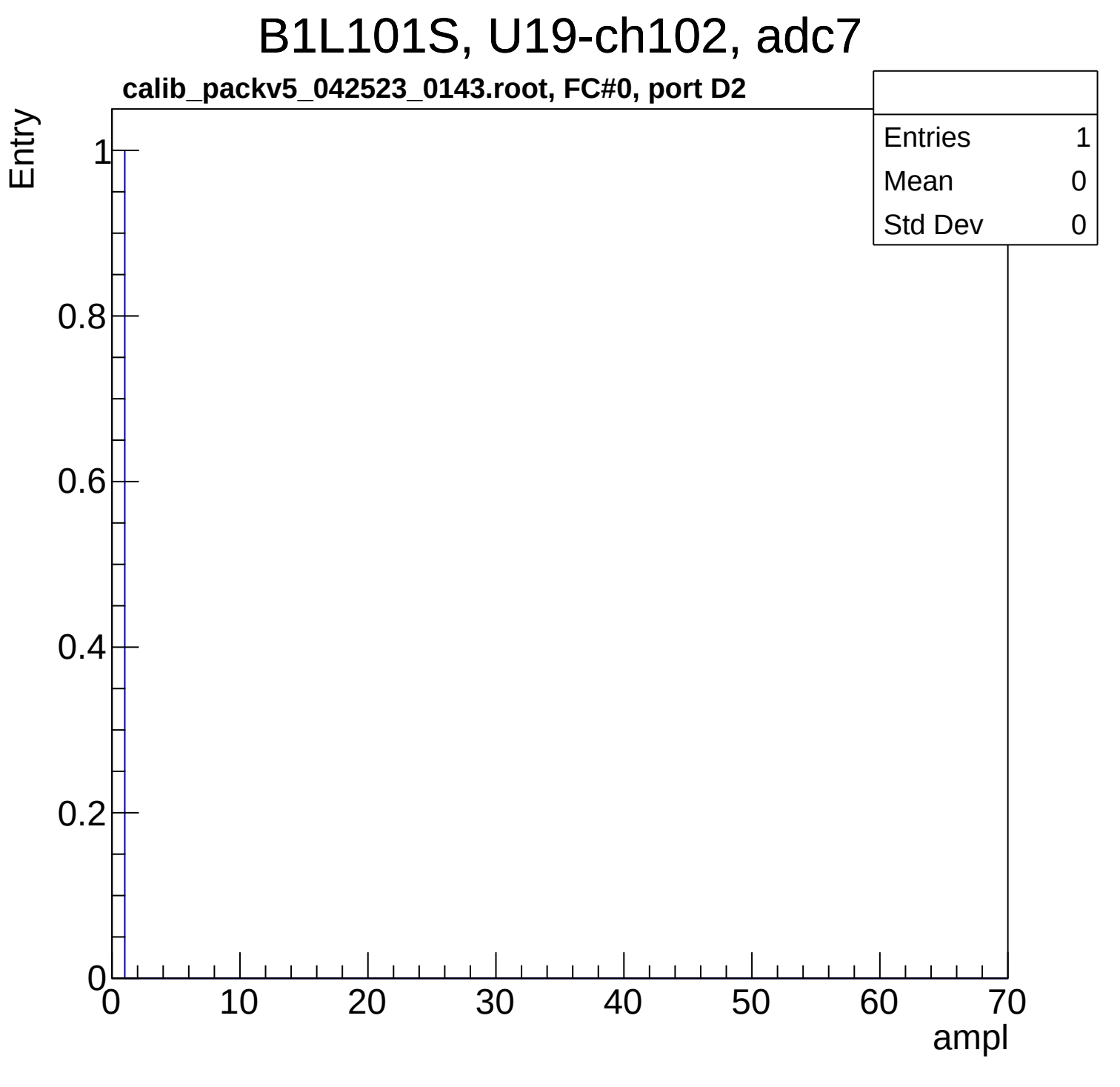
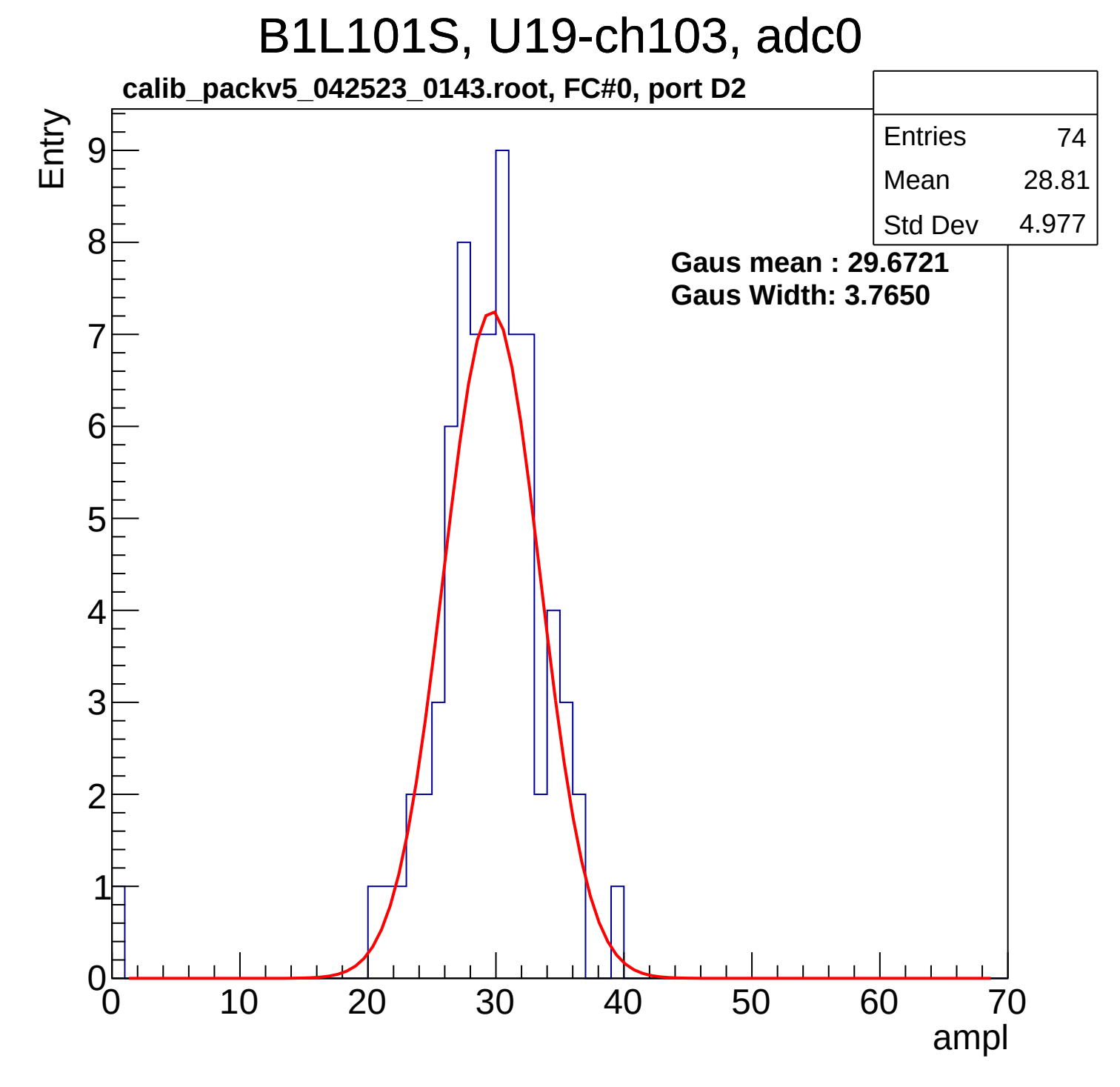
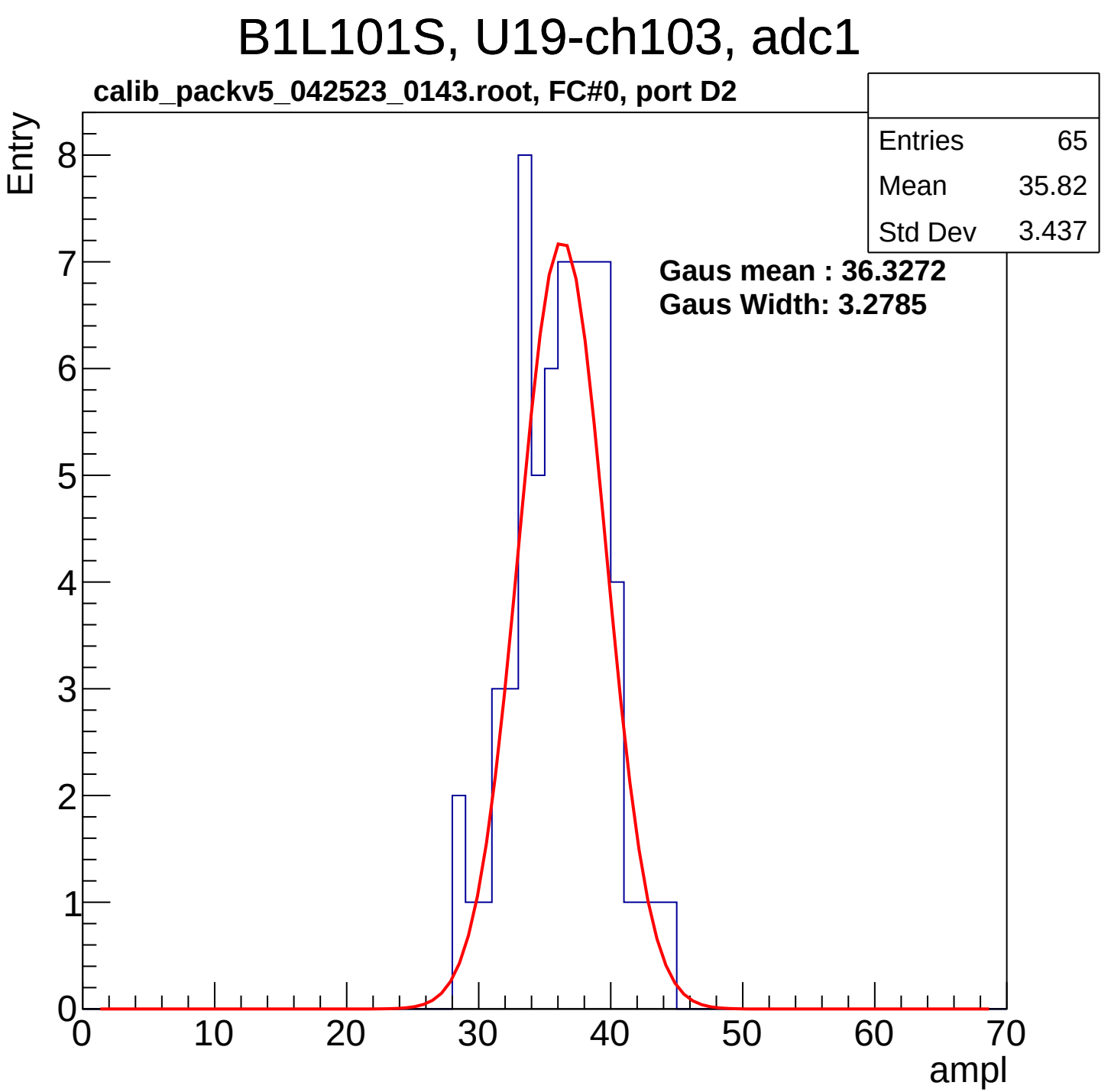
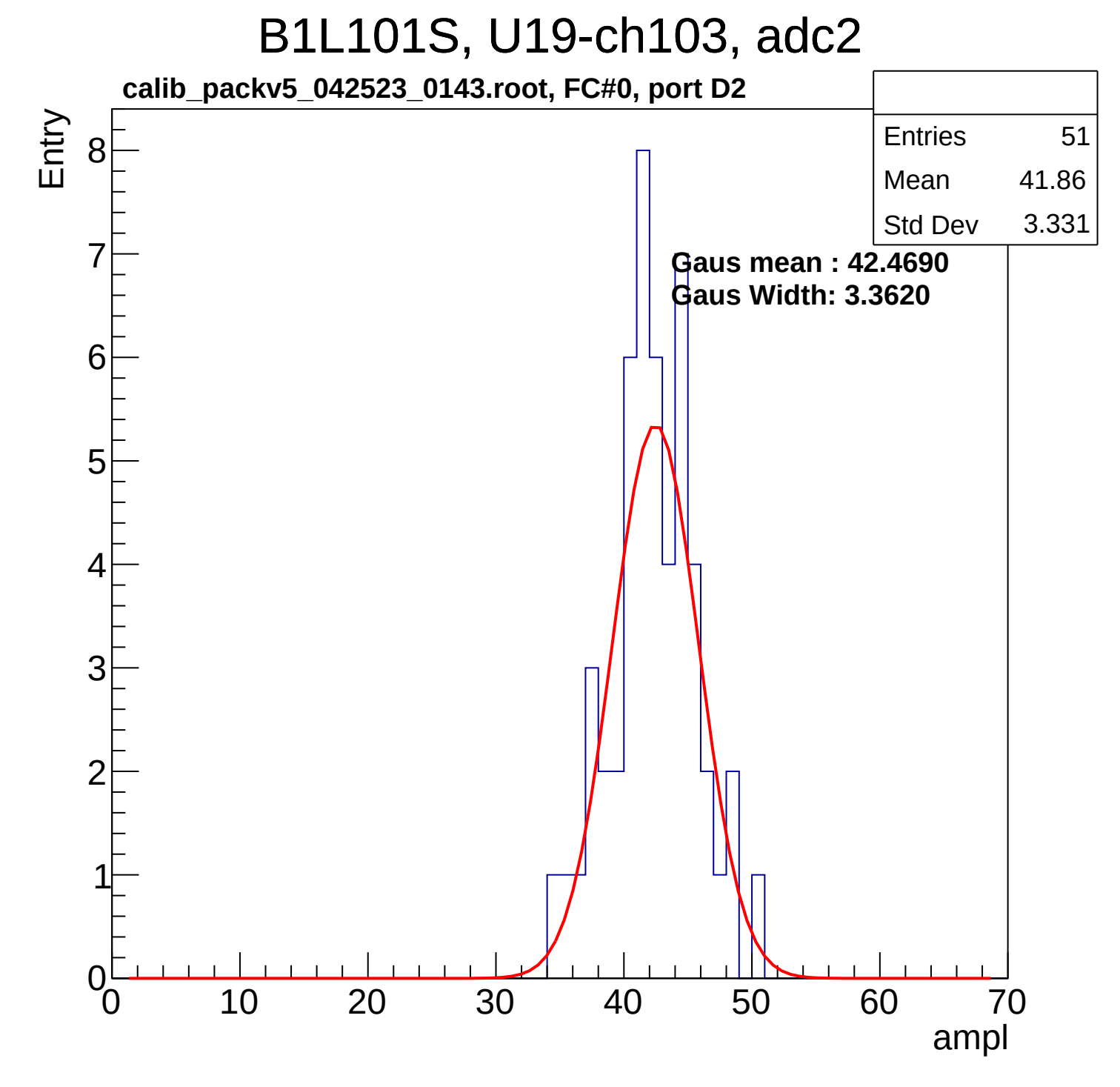
60
70


B1L101S, U19-ch102, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 15
Mean 57
Std Dev 15.28
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch102, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch103, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 28.81
Std Dev 4.977
Gaus mean : 29.6721
Gaus Width: 3.7650
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch103, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 35.82
Std Dev 3.437
Gaus mean : 36.3272
Gaus Width: 3.2785
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch103, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 41.86
Std Dev 3.331
Gaus mean : 42.4690
Gaus Width: 3.3620
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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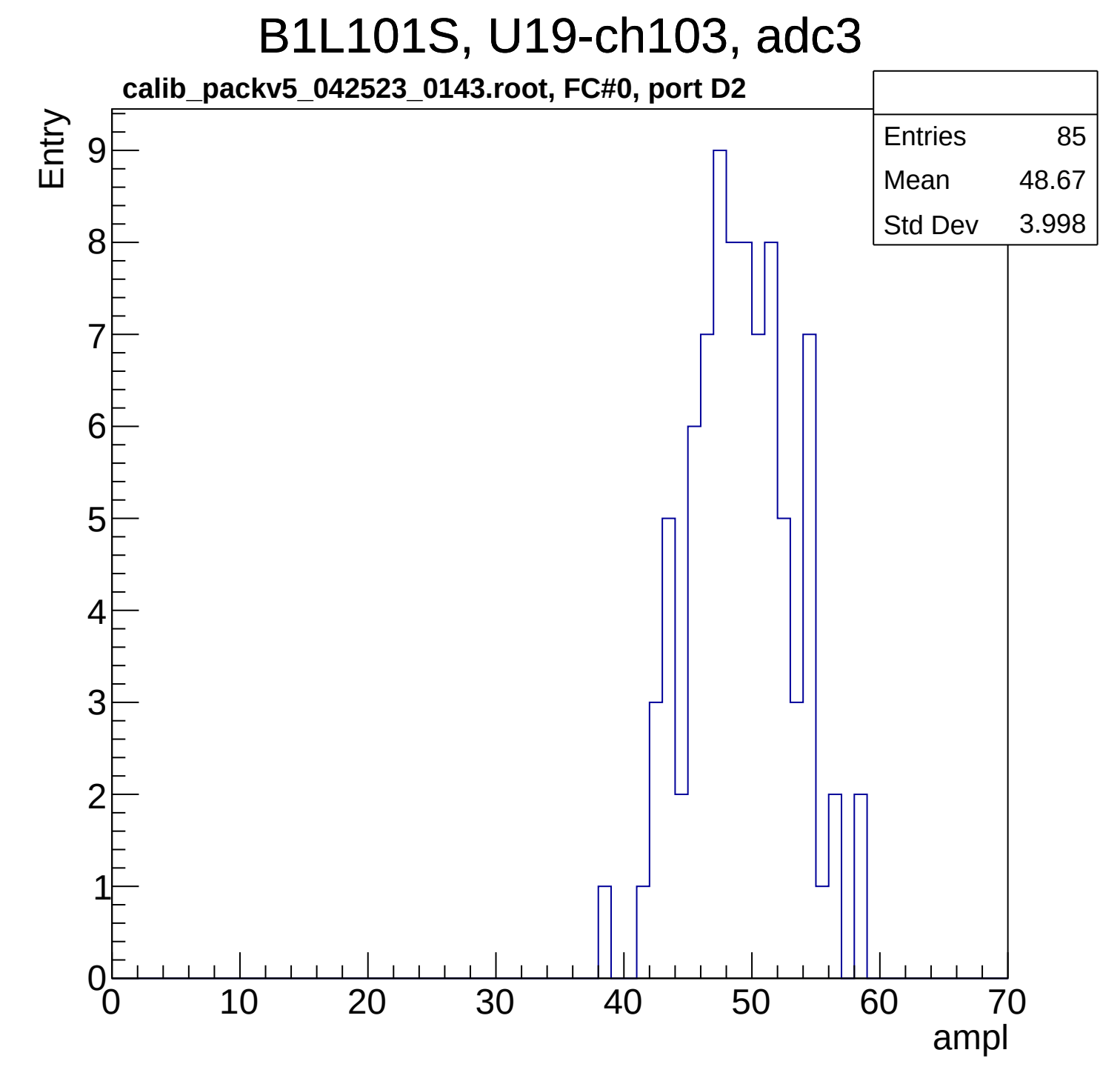
B1L101S, U19-ch103, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 48.67
Std Dev 3.998
Entry
ampl
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3
4
5
6
7
8
9
0
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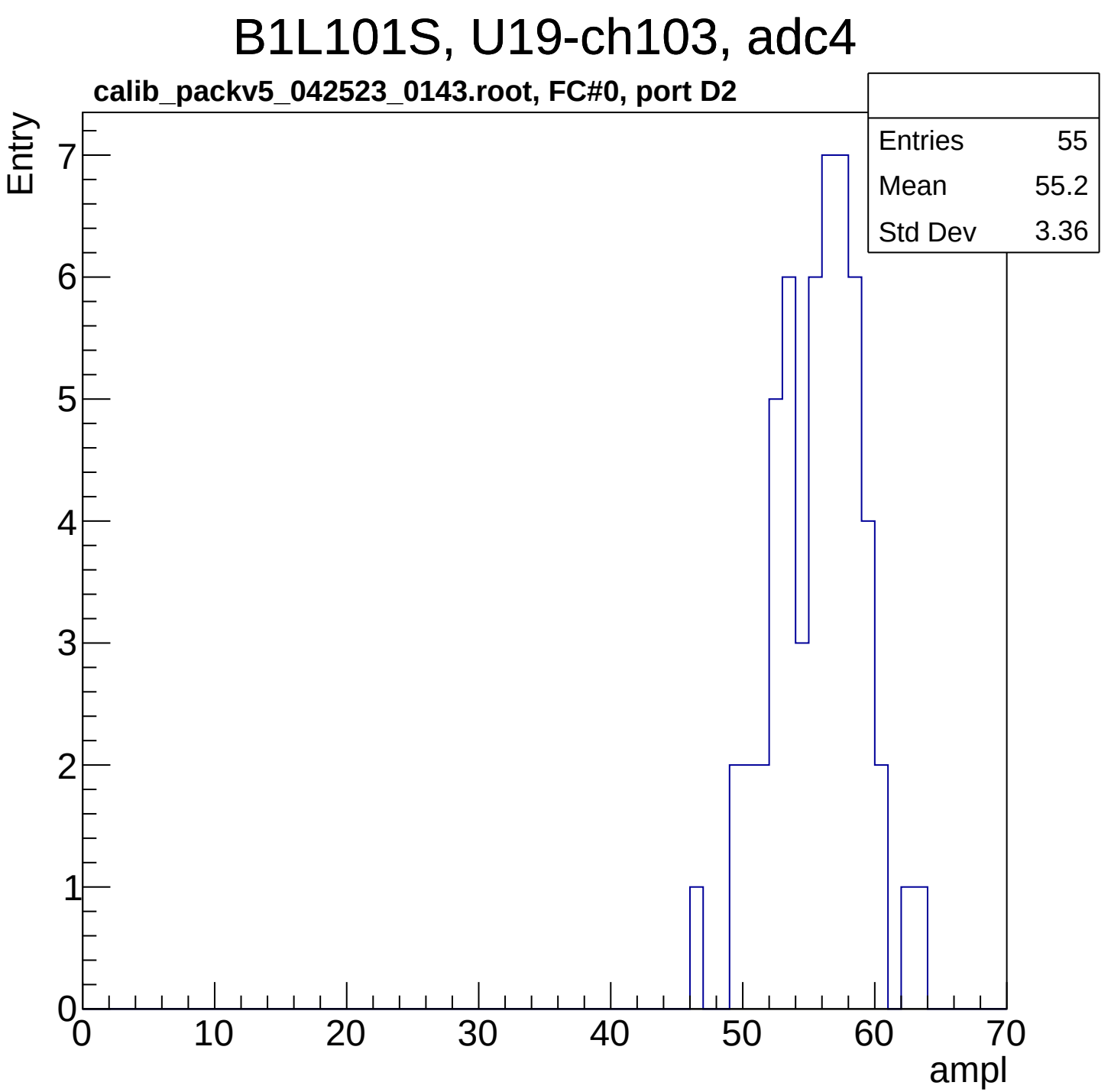
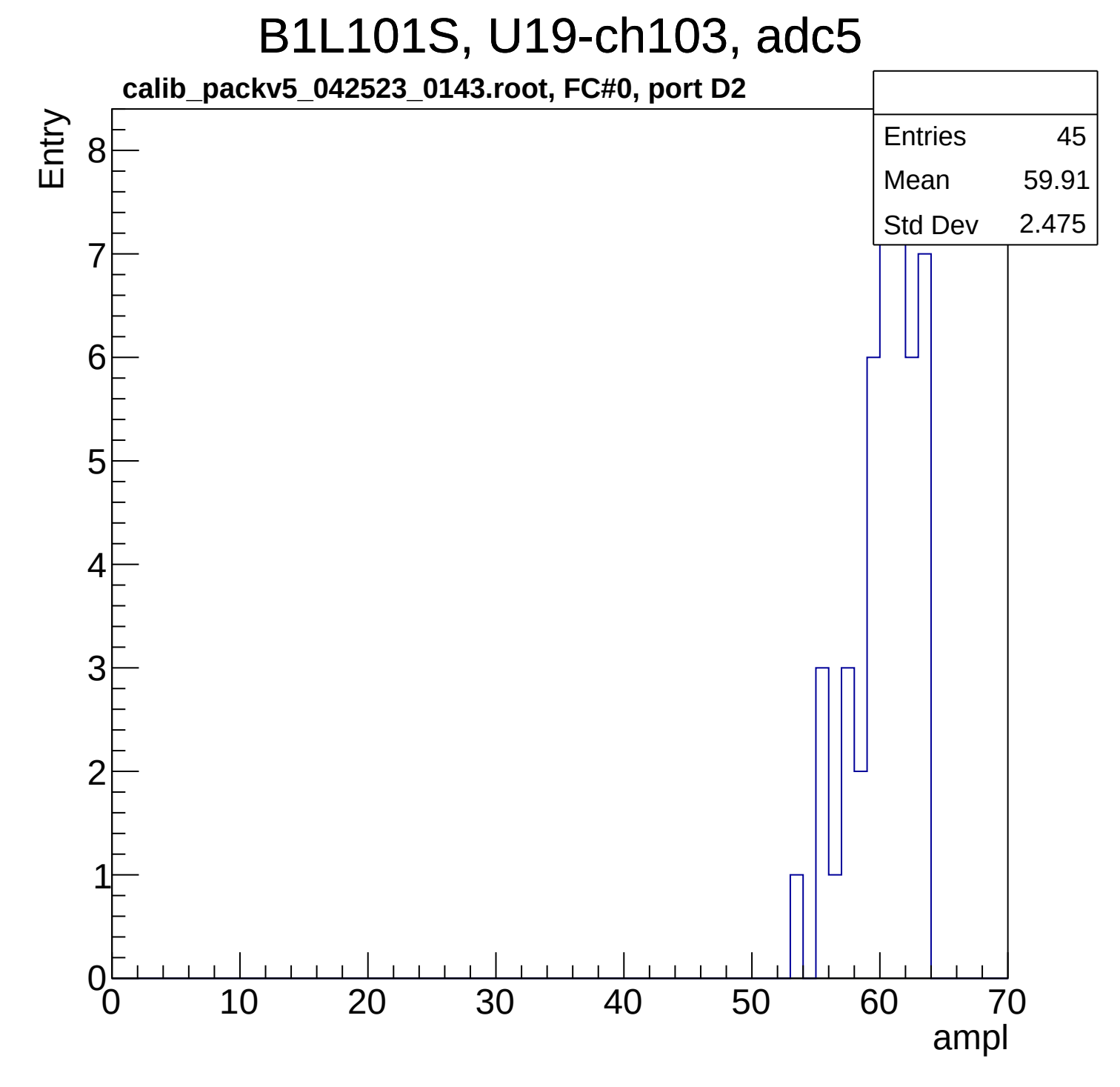

B1L101S, U19-ch103, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 55.2
Std Dev 3.36
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch103, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 59.91
Std Dev 2.475
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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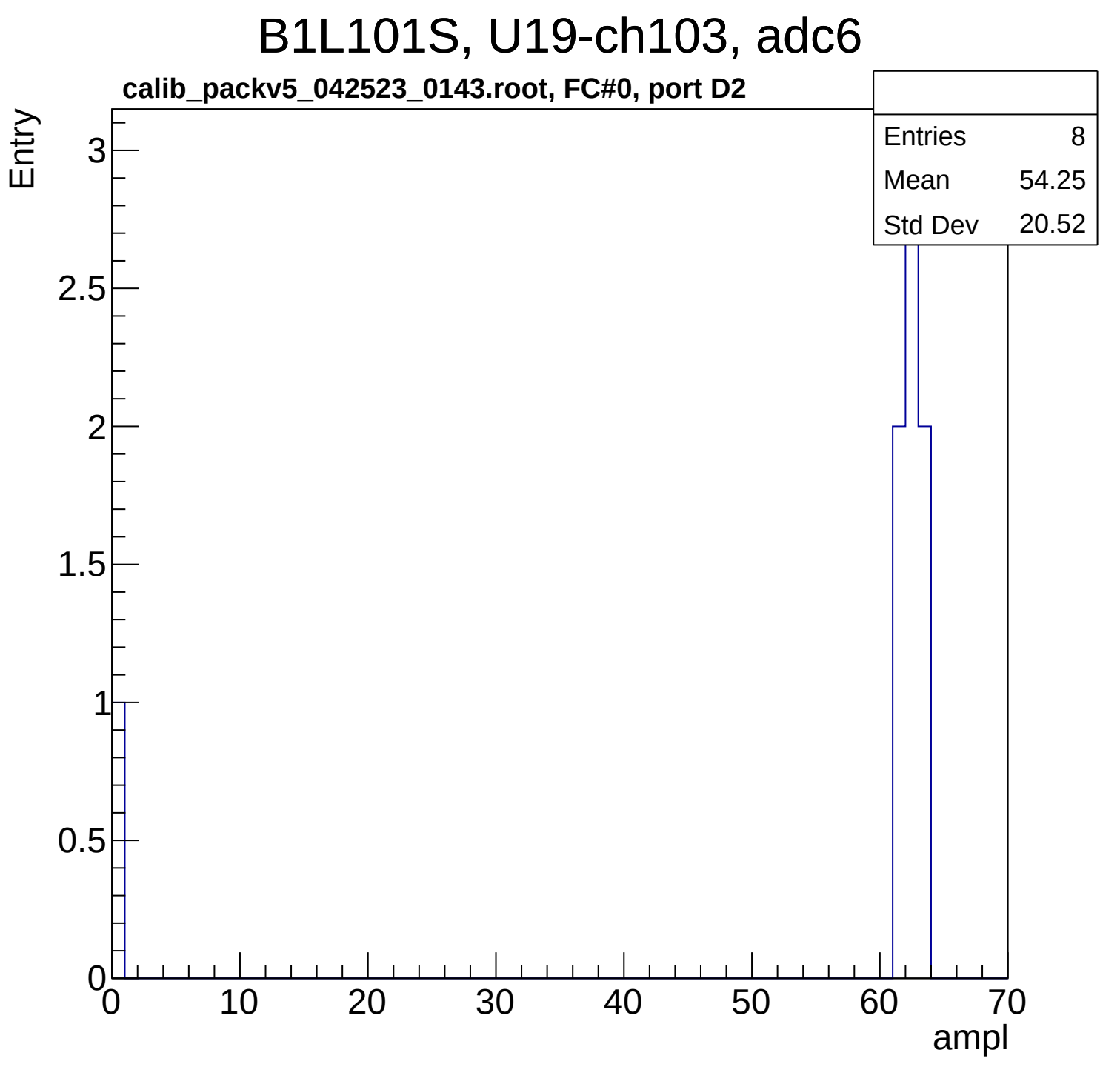
B1L101S, U19-ch103, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 54.25
Std Dev 20.52
Entry
ampl
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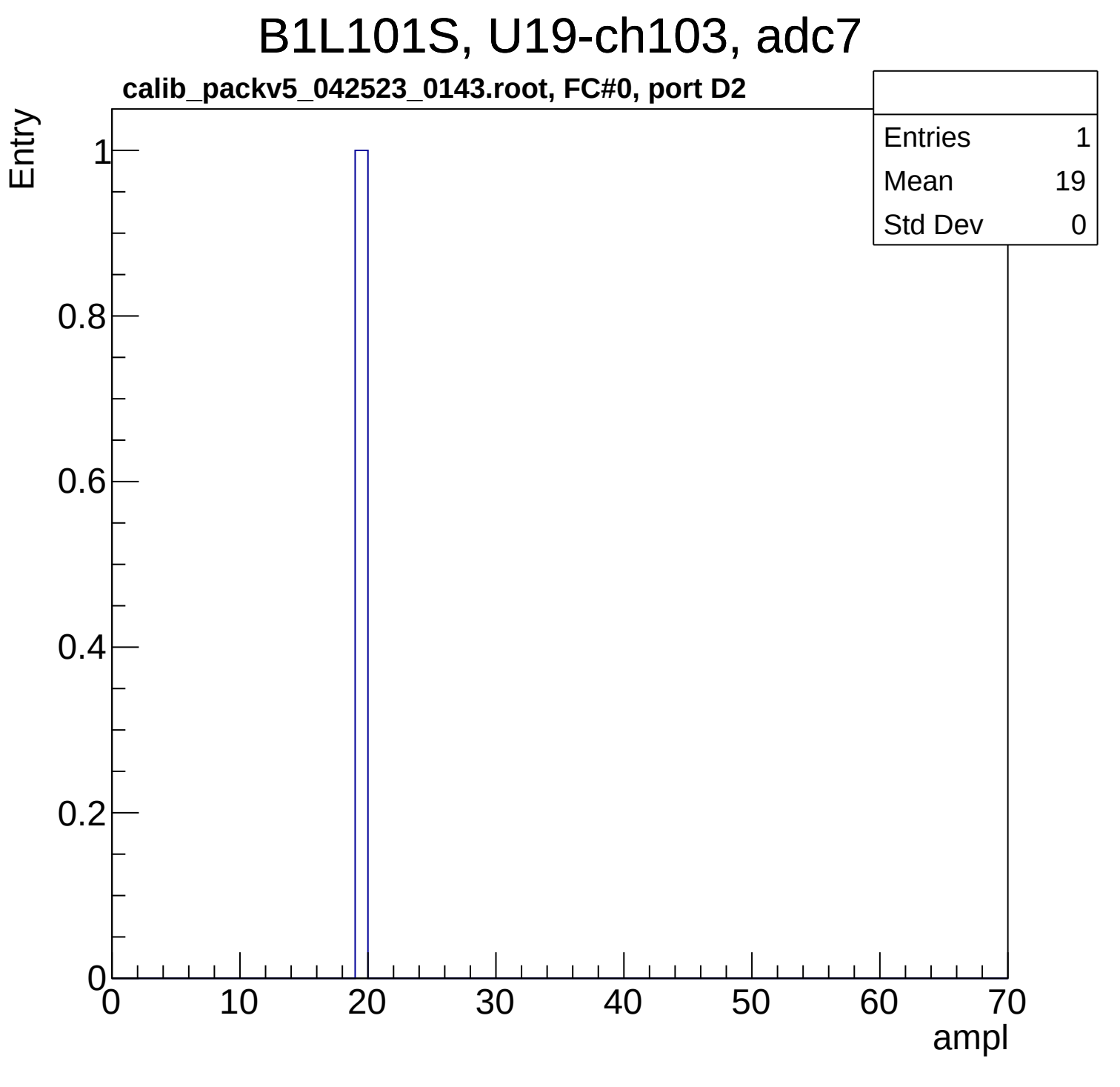
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch103, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 19
Std Dev 0
Entry
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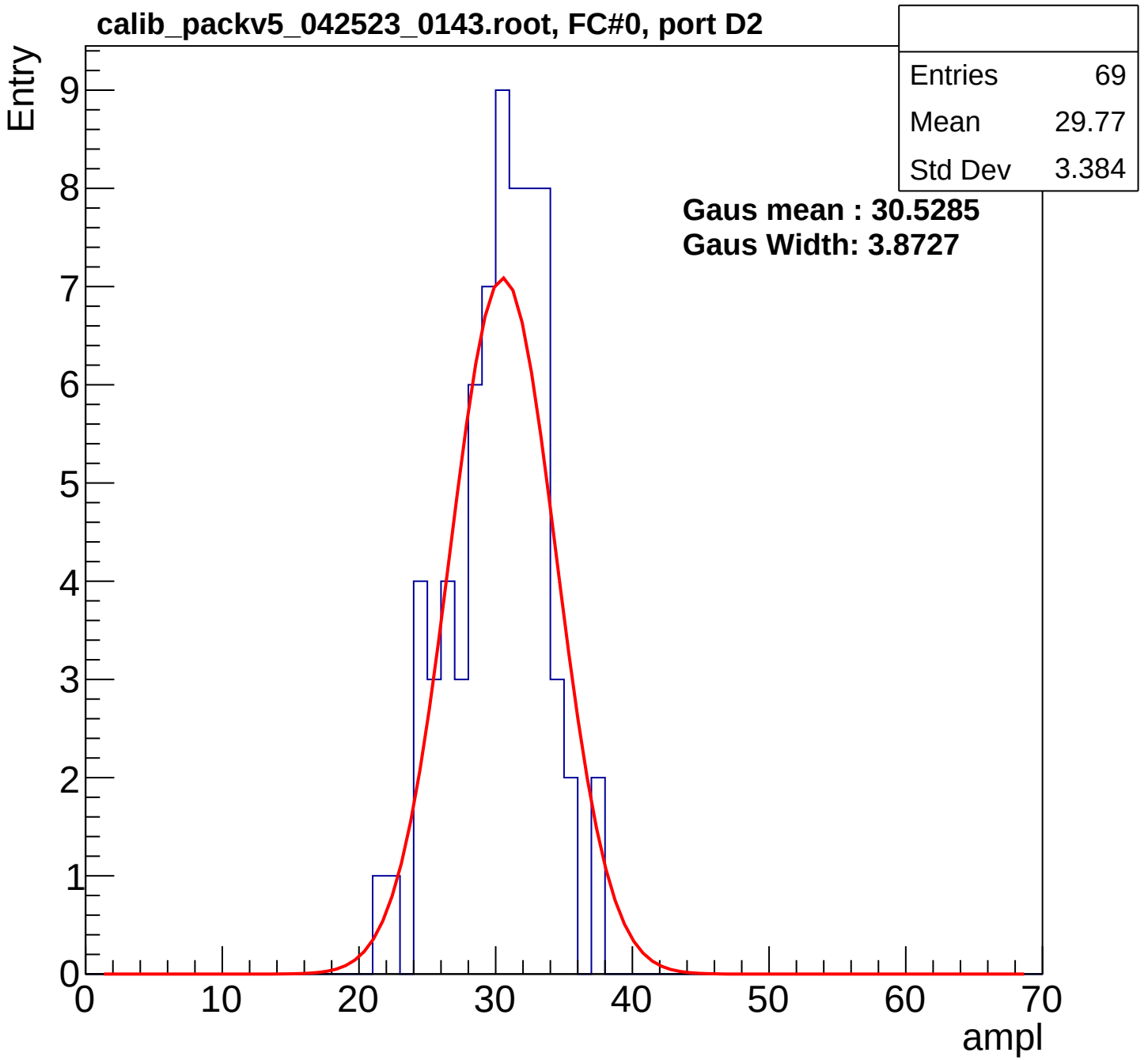
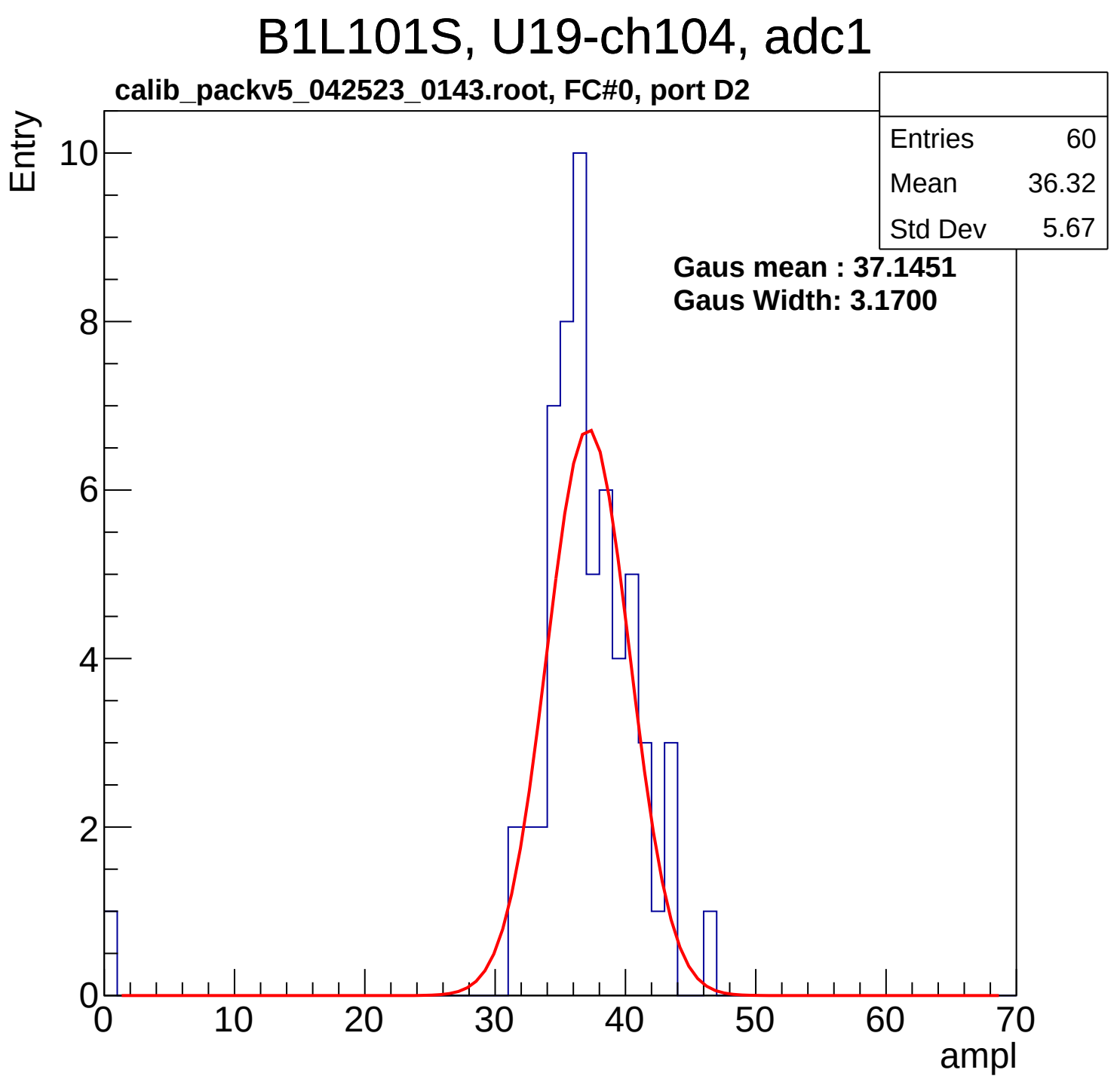
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch104, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 29.77
Std Dev 3.384
Gaus mean : 30.5285
Gaus Width: 3.8727
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch104, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 36.32
Std Dev 5.67
Gaus mean : 37.1451
Gaus Width: 3.1700
Entry
ampl
0
2
4
6
8
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0
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40
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60
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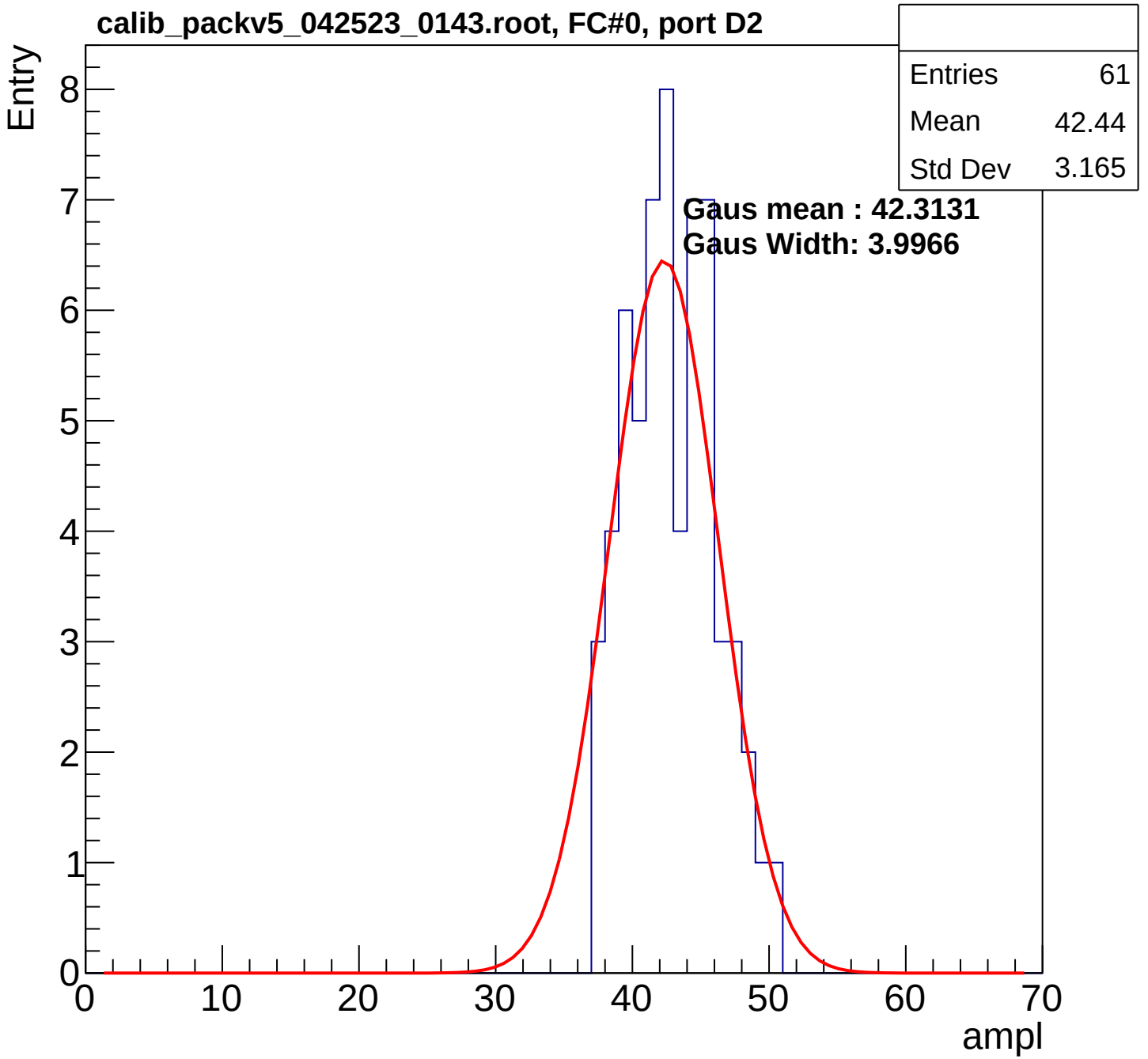
B1L101S, U19-ch104, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 42.44
Std Dev 3.165
Gaus mean : 42.3131
Gaus Width: 3.9966
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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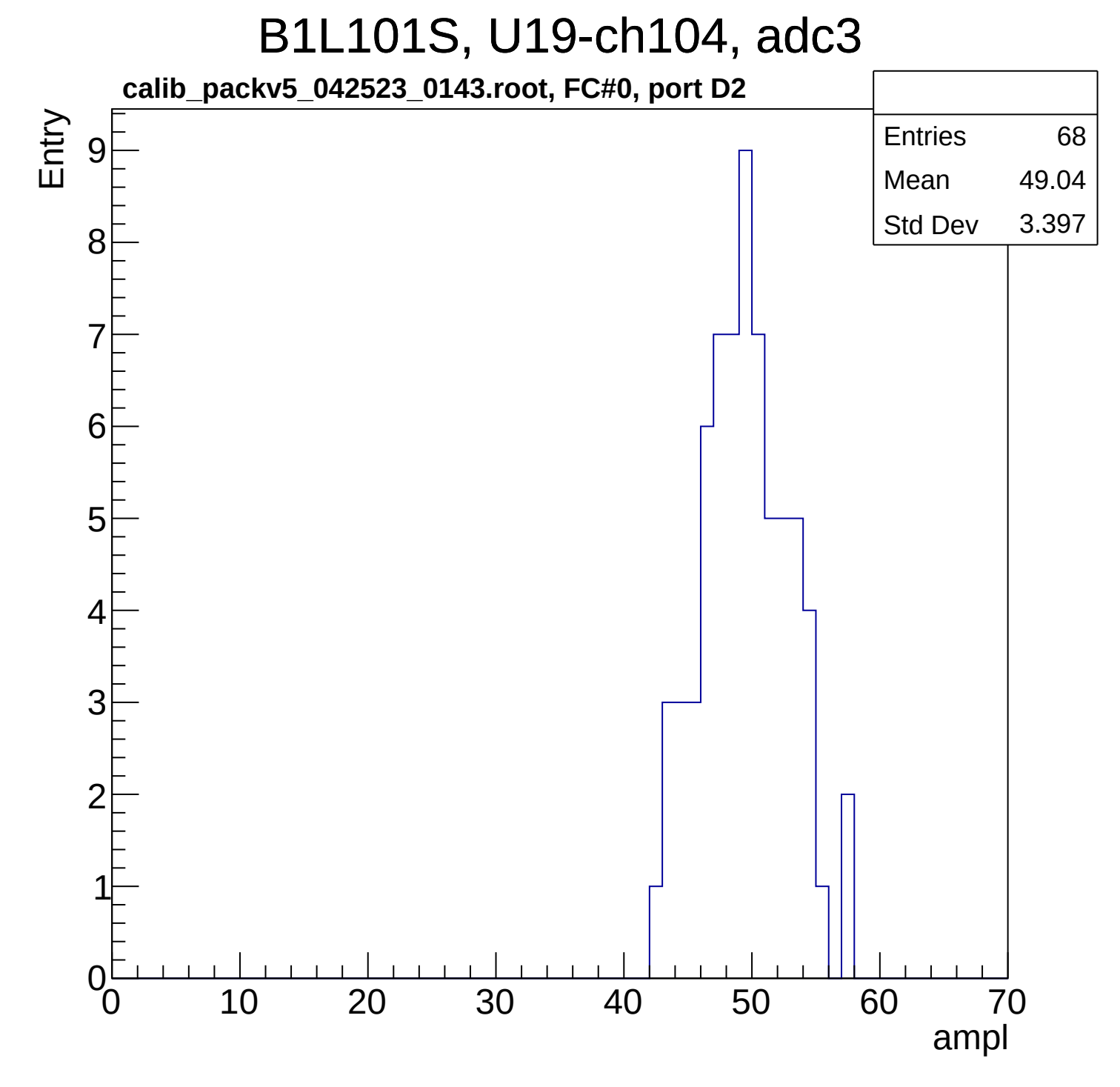
B1L101S, U19-ch104, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 49.04
Std Dev 3.397
Entry
ampl
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2
3
4
5
6
7
8
9
0
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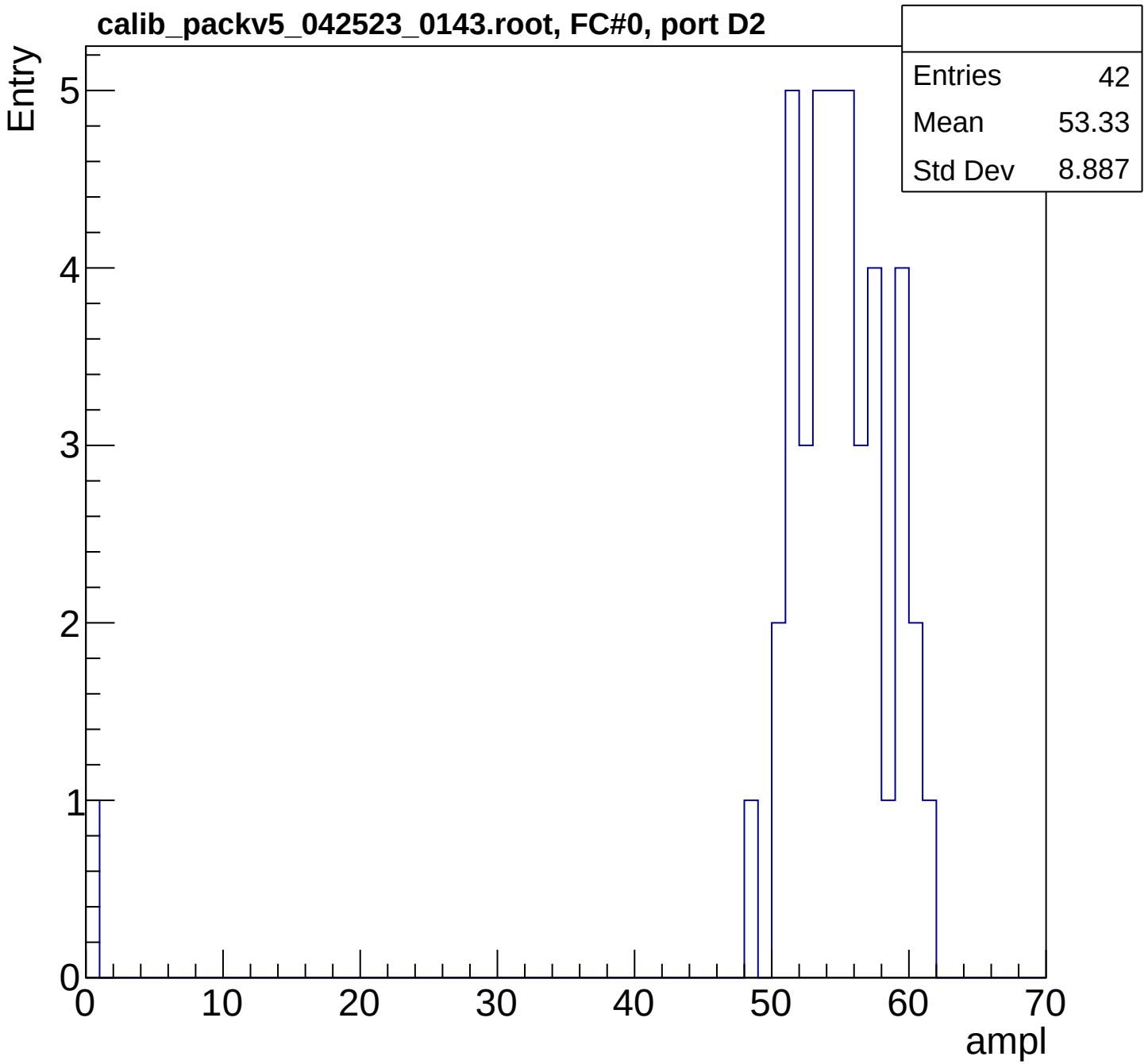
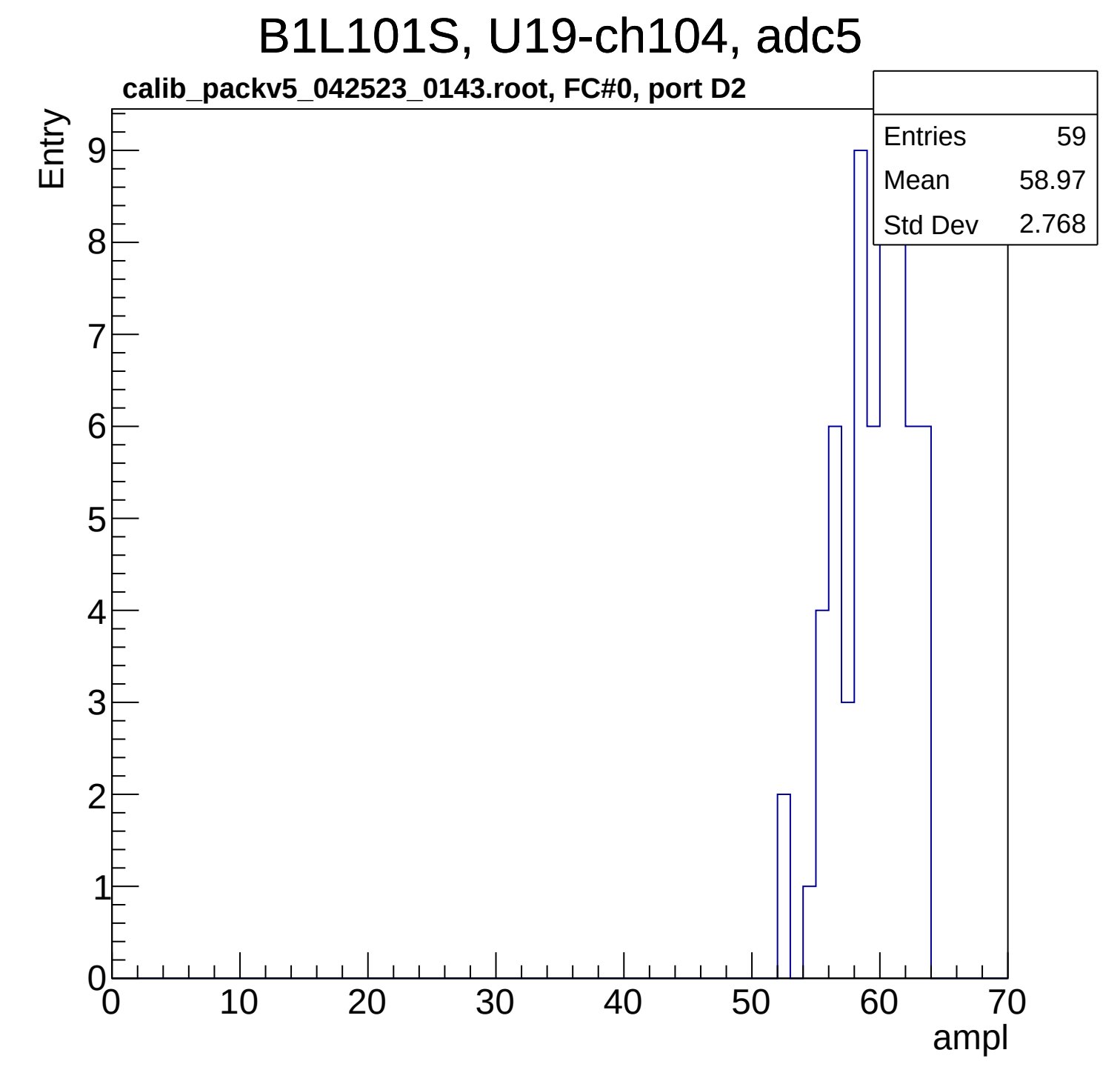

B1L101S, U19-ch104, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 53.33
Std Dev 8.887
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch104, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 58.97
Std Dev 2.768
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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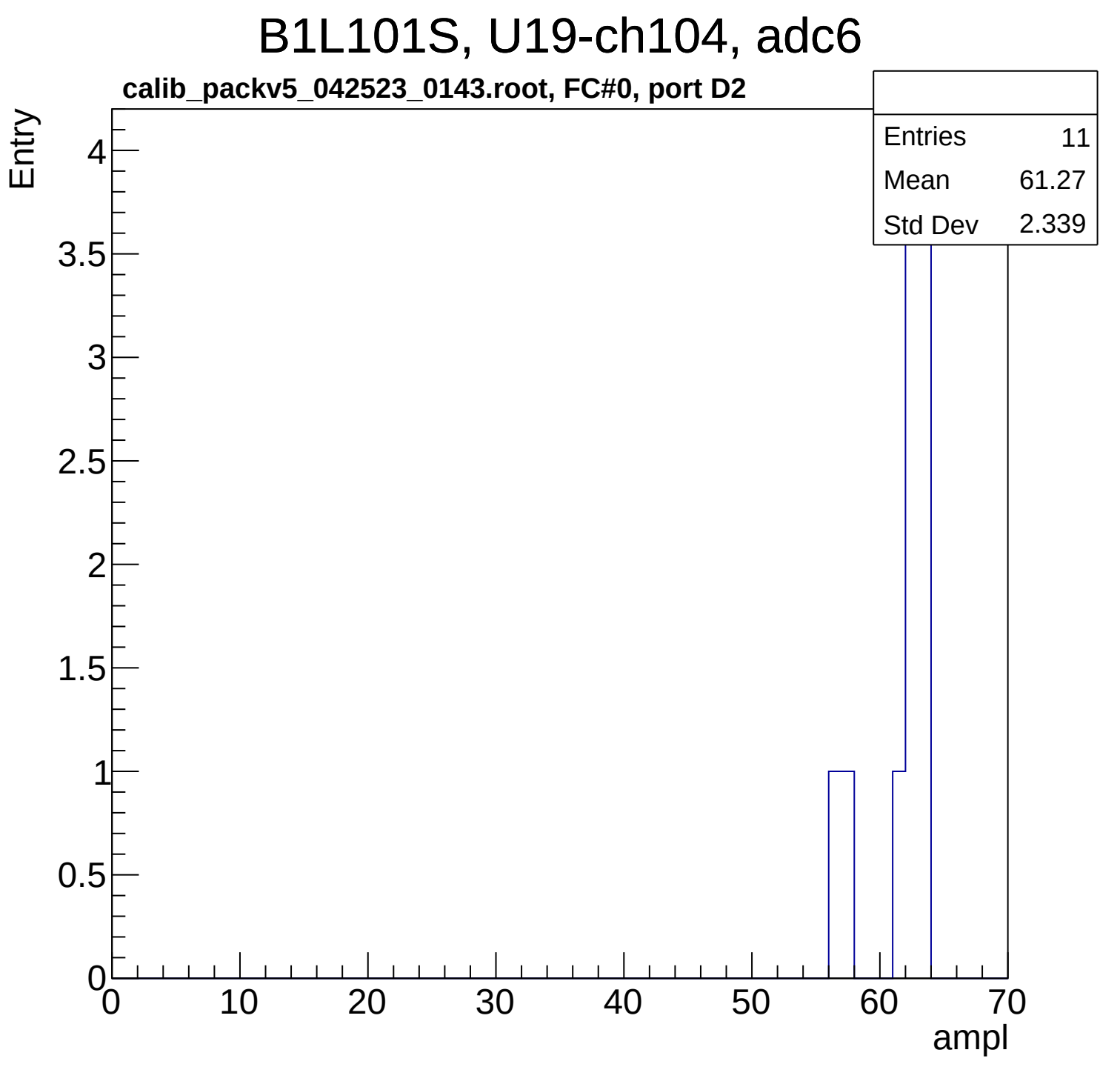
B1L101S, U19-ch104, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 61.27
Std Dev 2.339
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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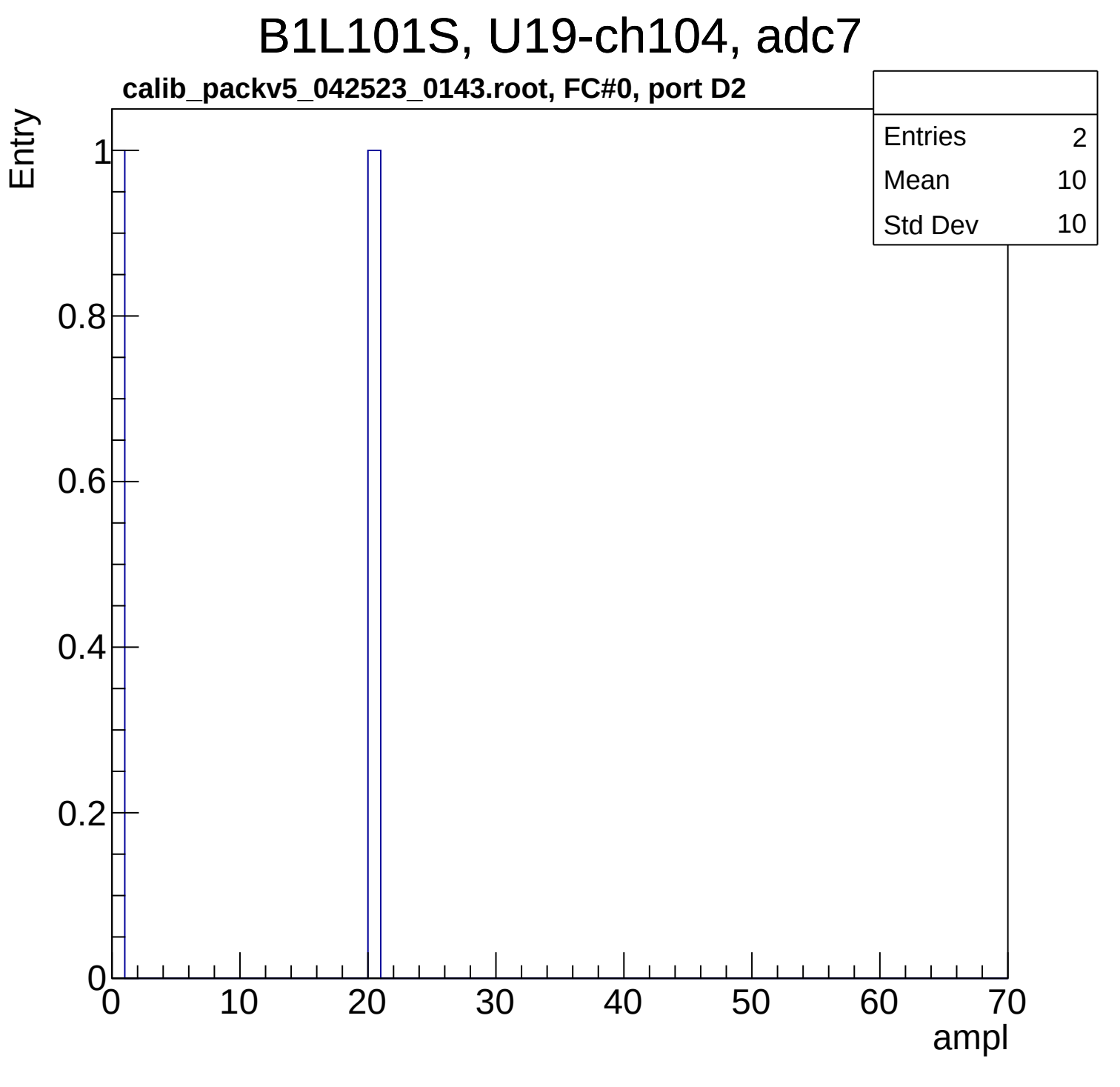
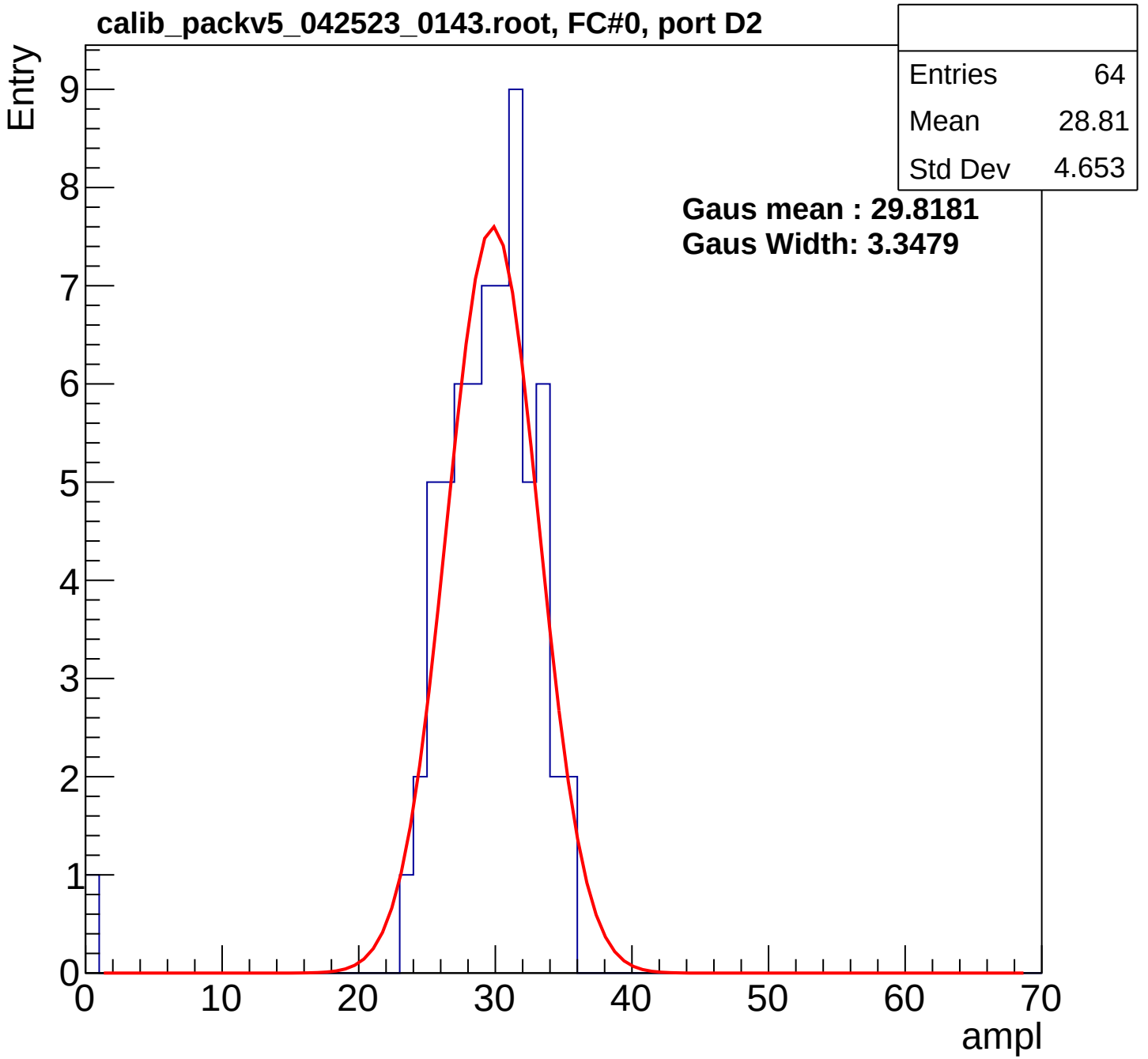

B1L101S, U19-ch104, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 10
Std Dev 10
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch105, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 28.81
Std Dev 4.653
Gaus mean : 29.8181
Gaus Width: 3.3479
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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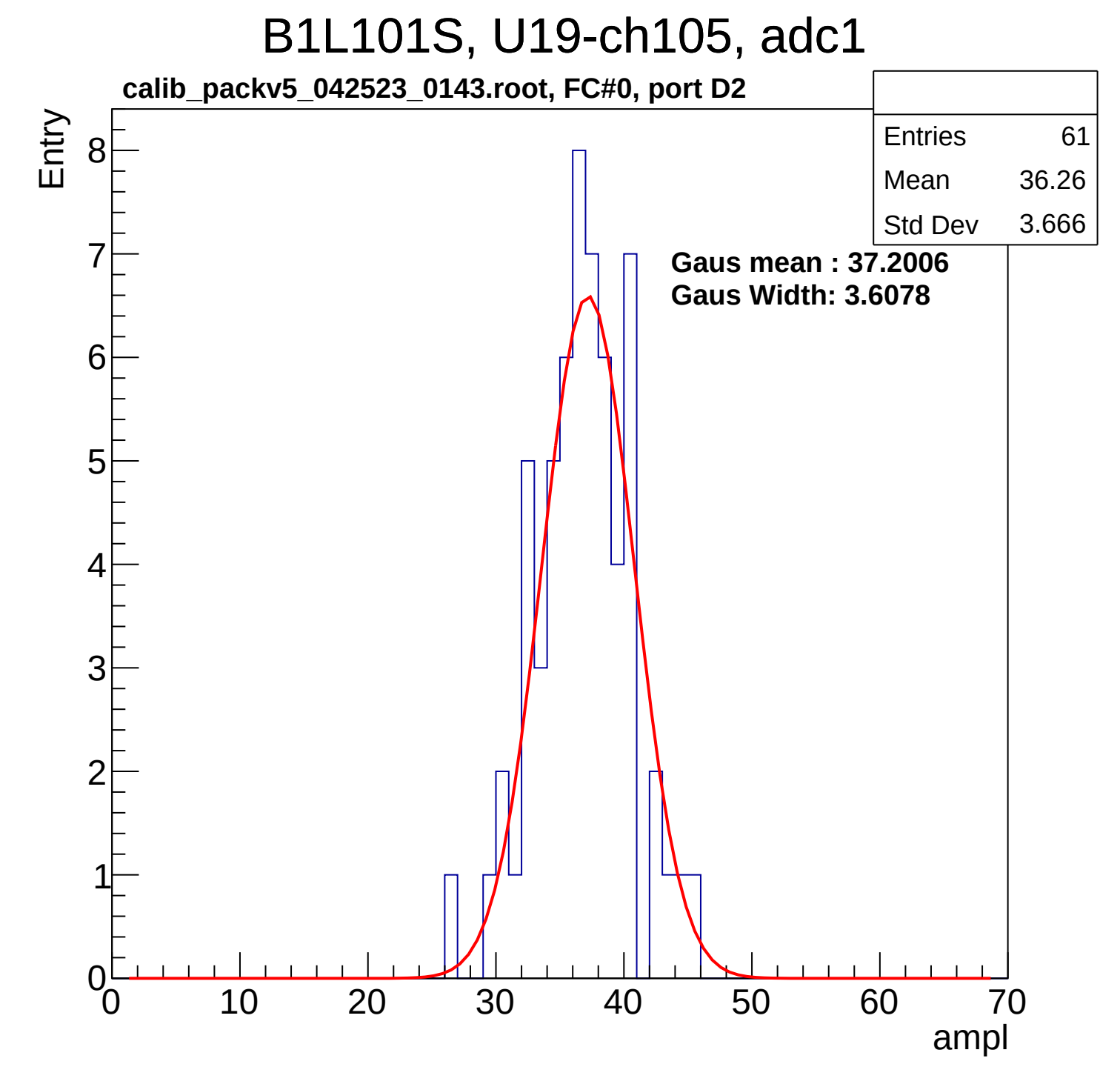
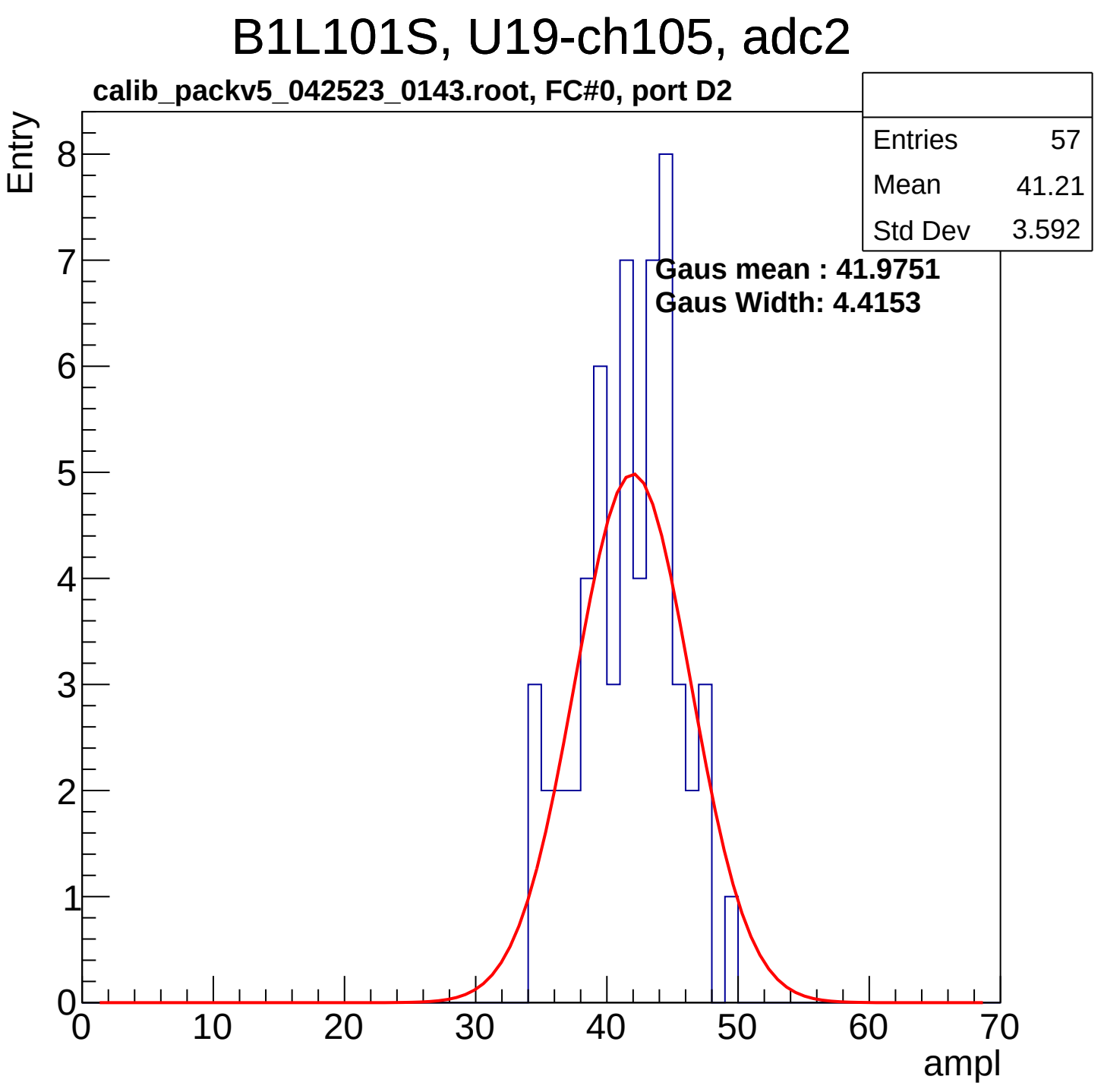
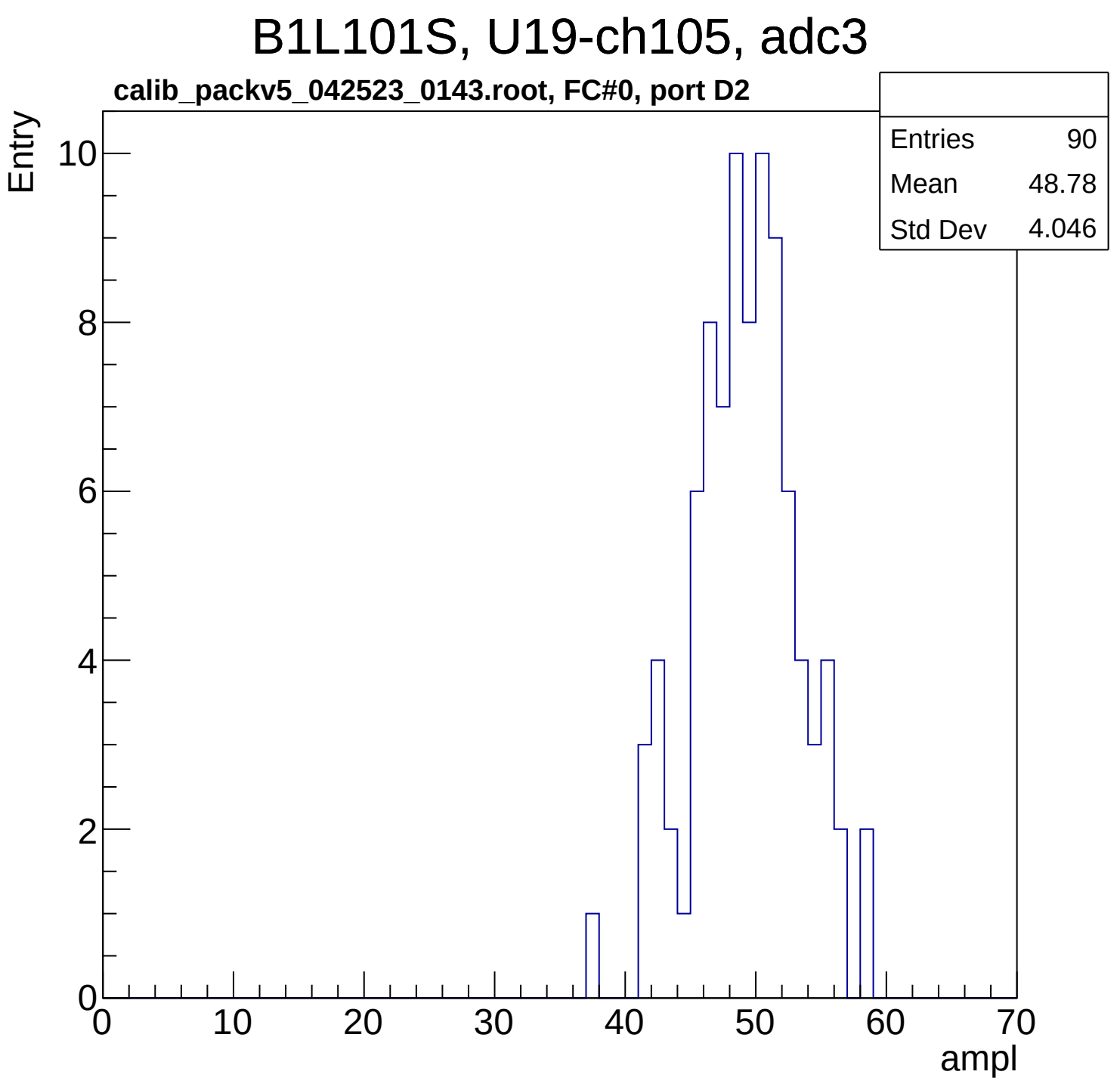
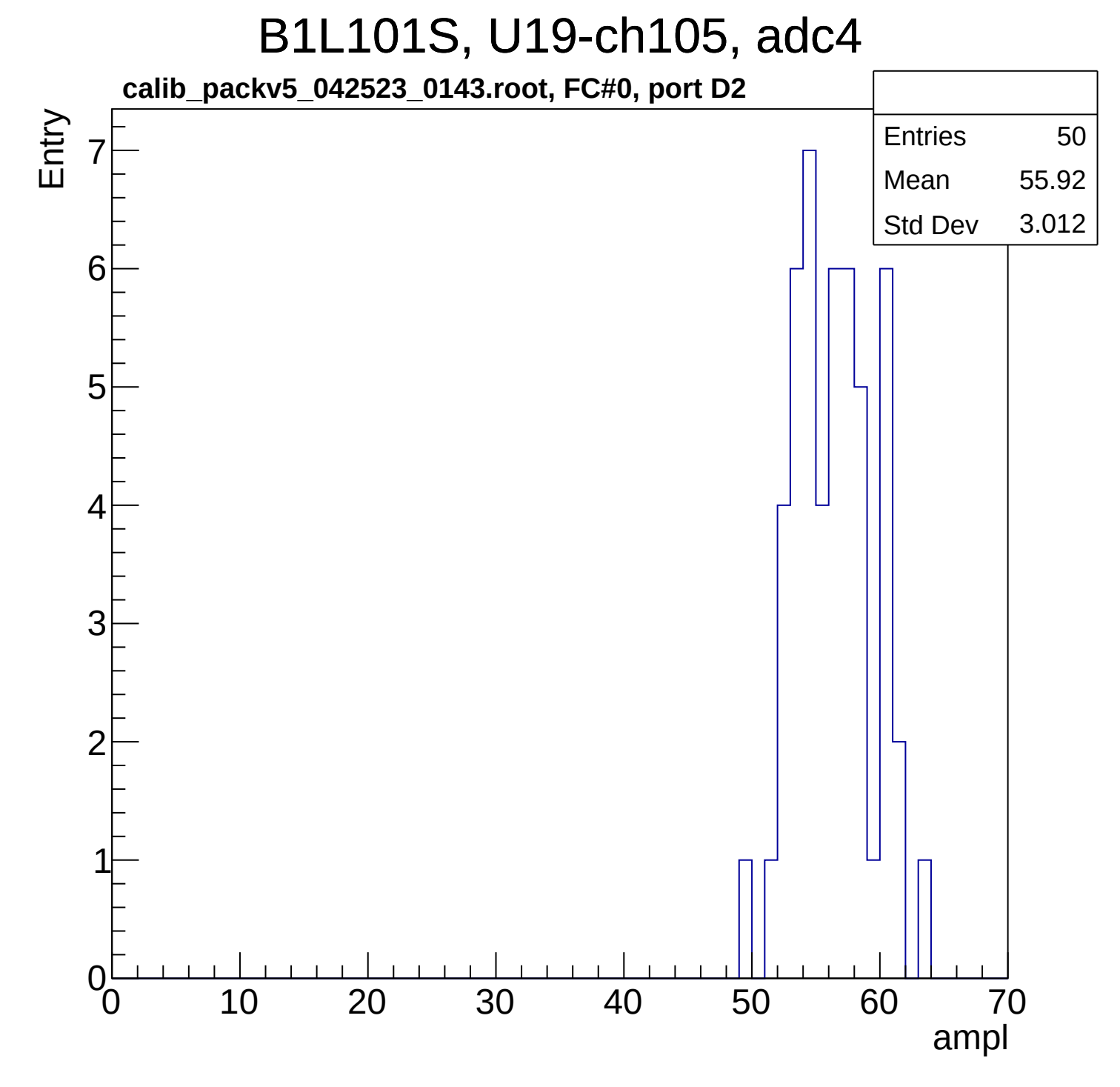

B1L101S, U19-ch105, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 36.26
Std Dev 3.666
Gaus mean : 37.2006
Gaus Width: 3.6078
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch105, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 41.21
Std Dev 3.592
Gaus mean : 41.9751
Gaus Width: 4.4153
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch105, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 90
Mean 48.78
Std Dev 4.046
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch105, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 55.92
Std Dev 3.012
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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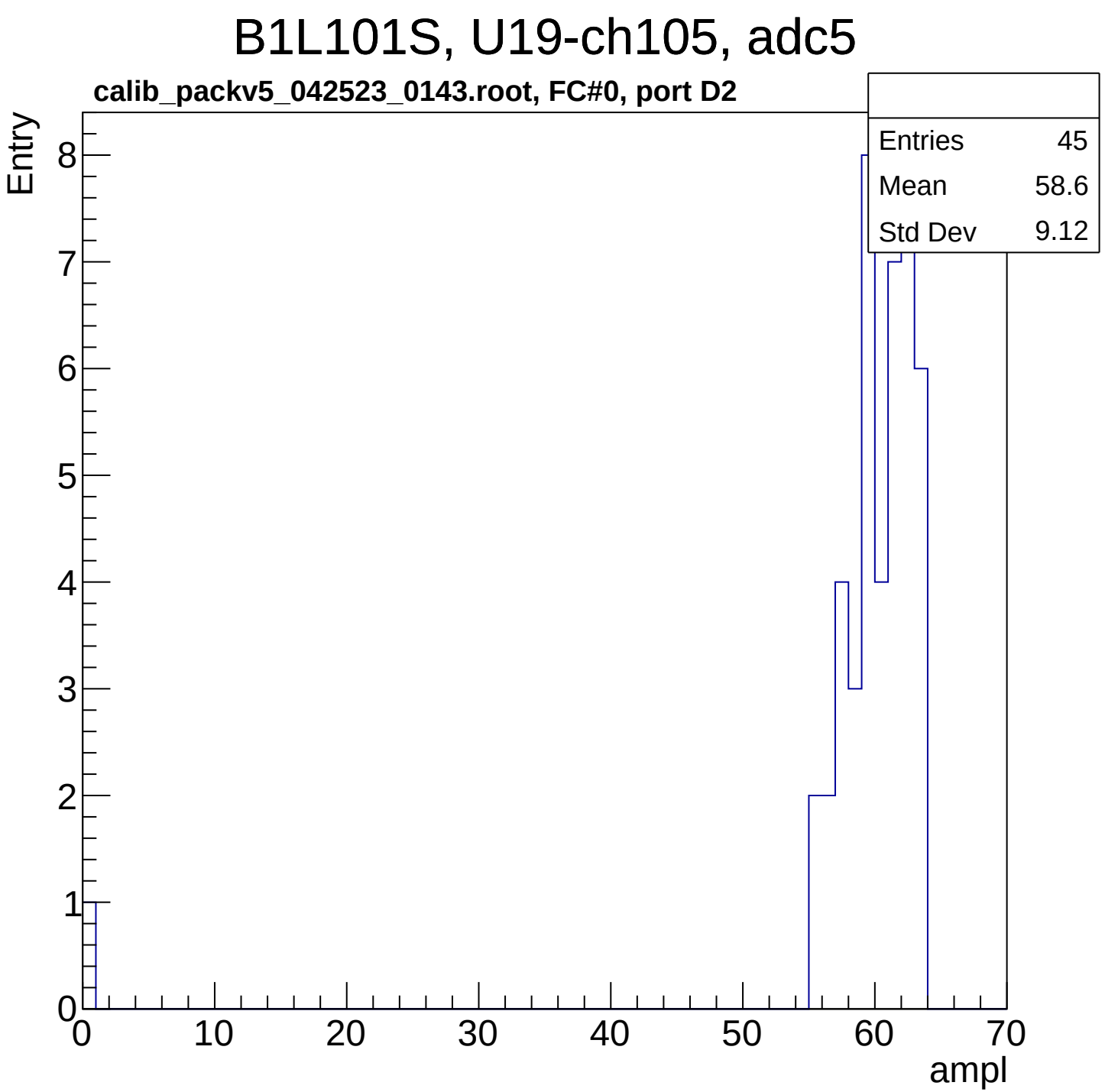
B1L101S, U19-ch105, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 58.6
Std Dev 9.12
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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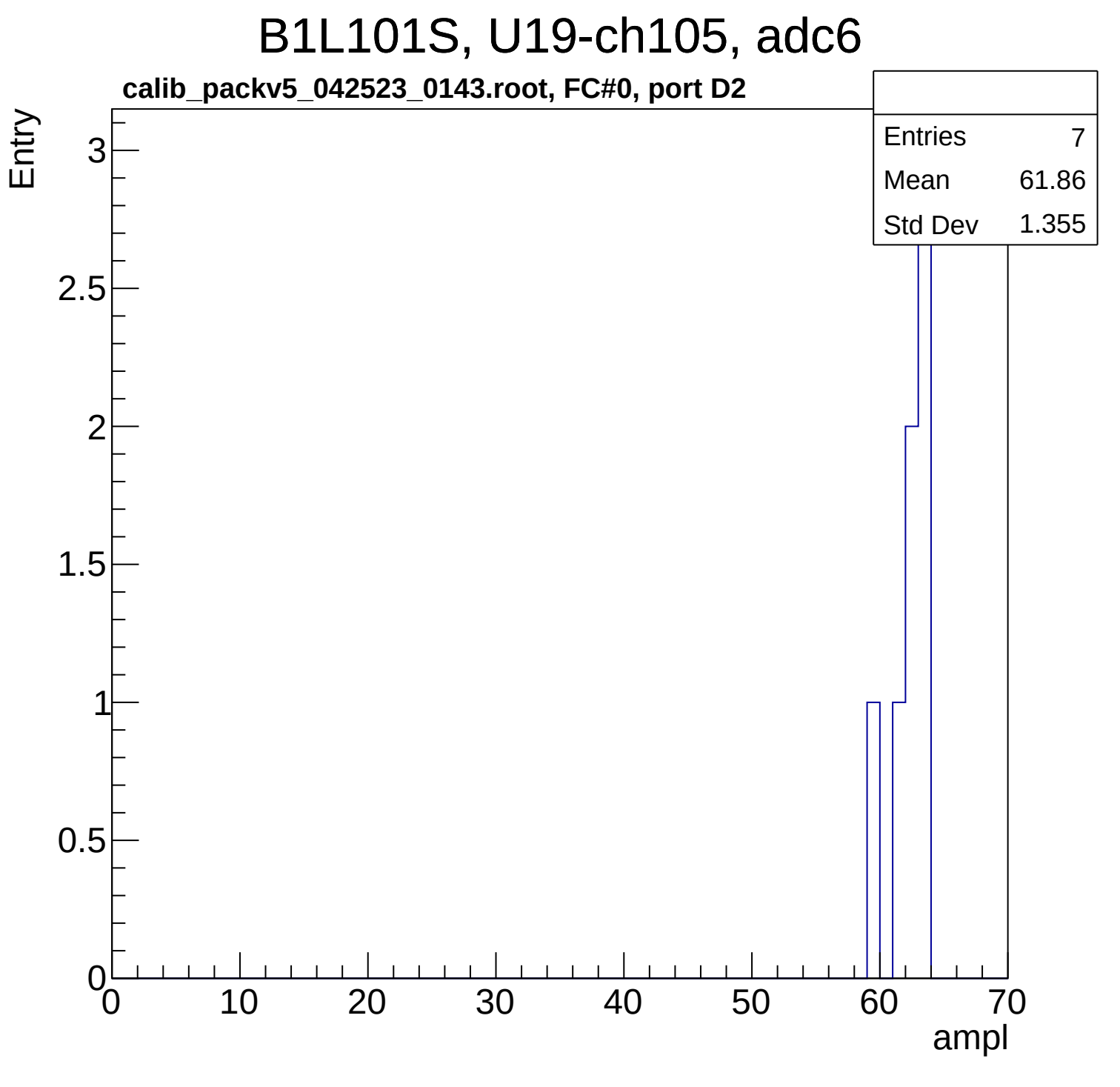
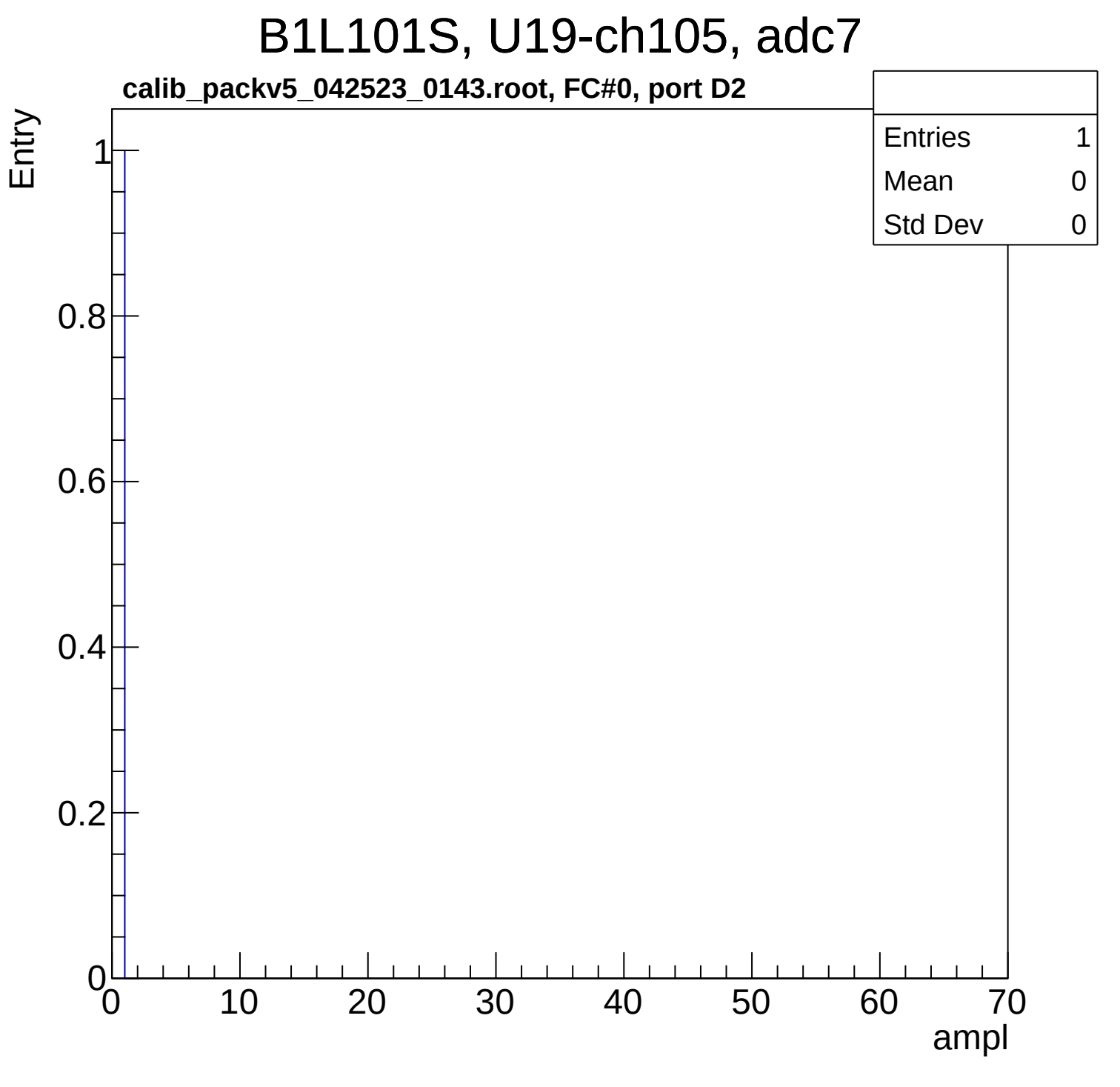
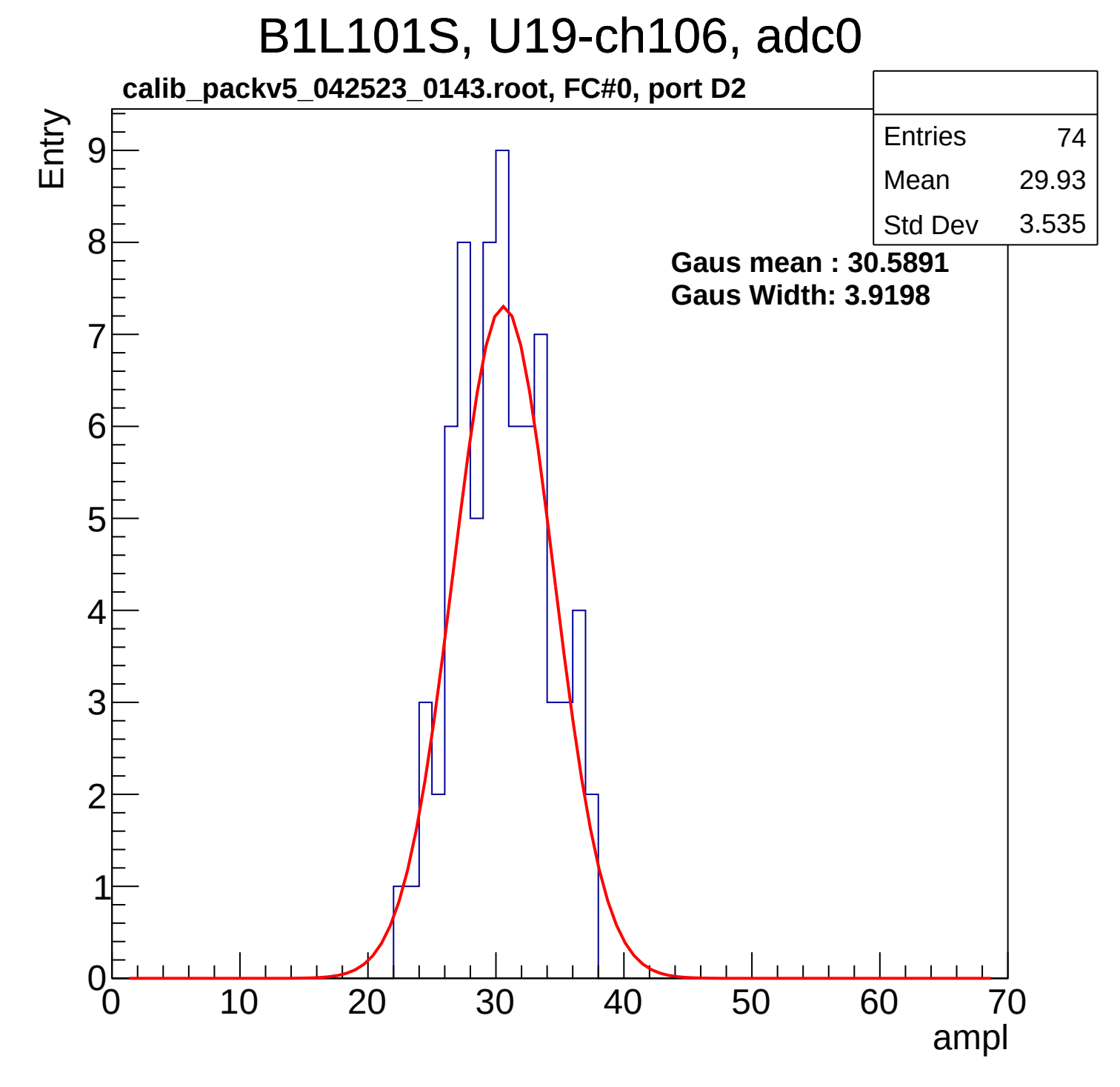
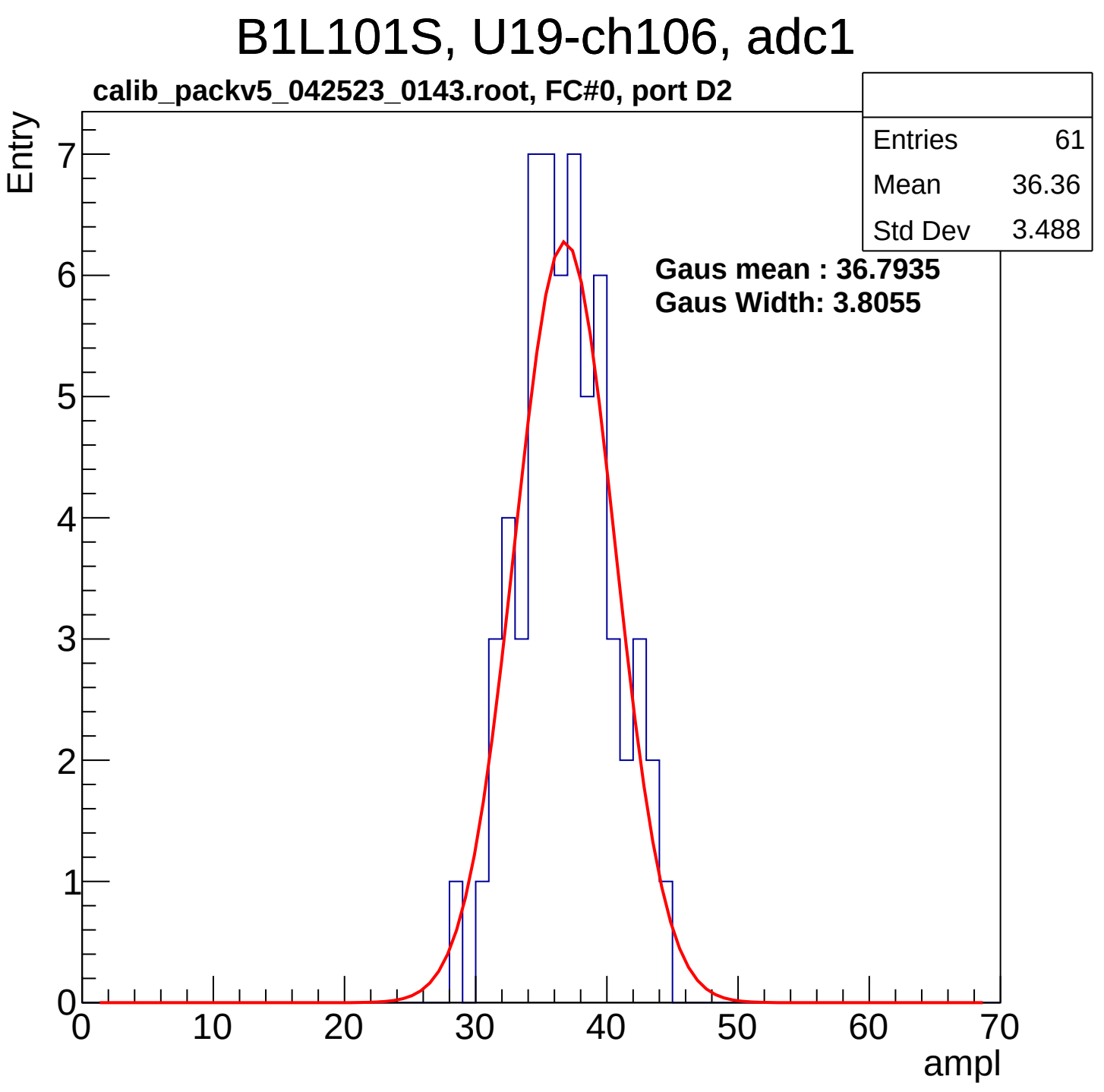
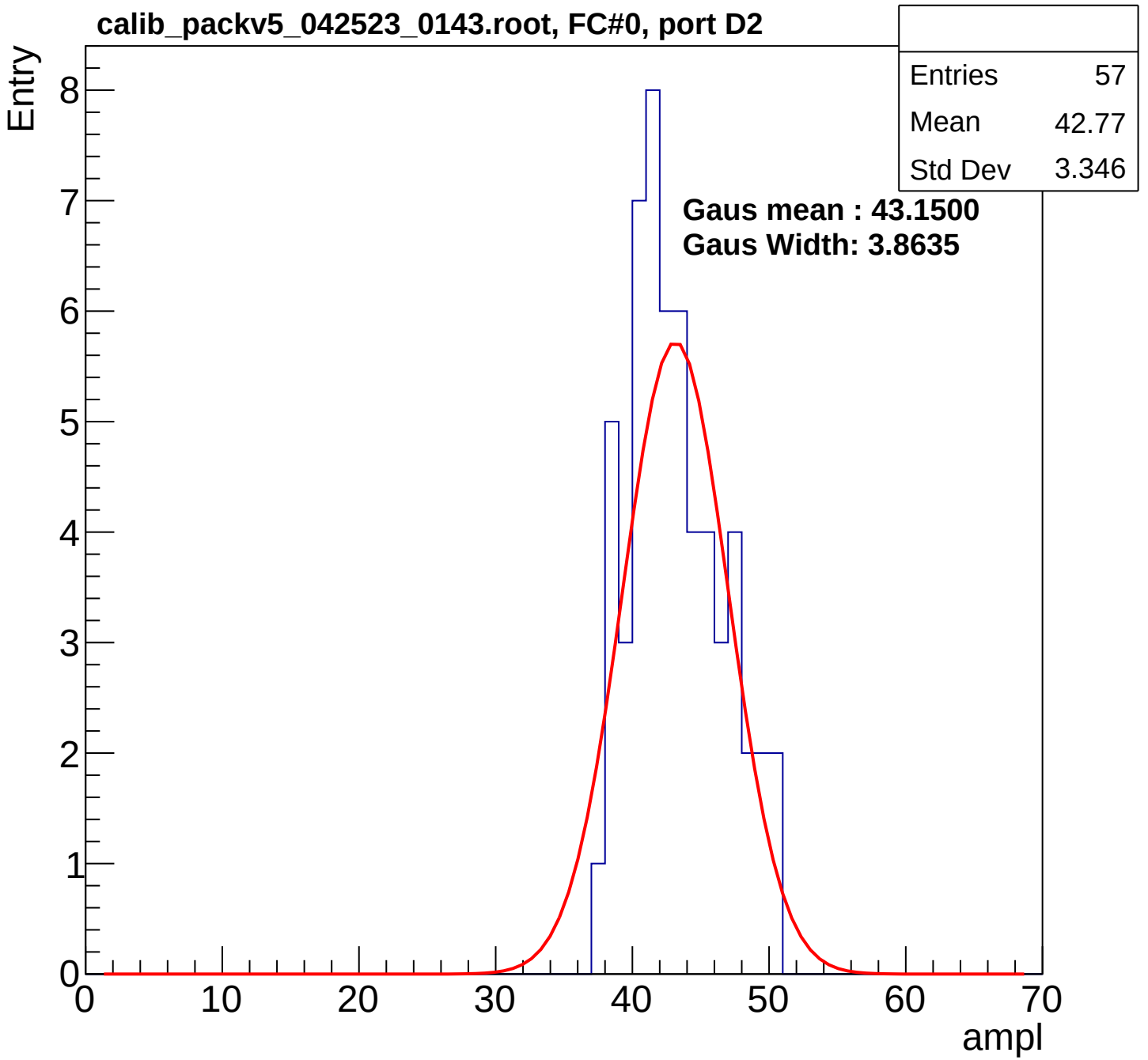

B1L101S, U19-ch105, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 61.86
Std Dev 1.355
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch105, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch106, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 29.93
Std Dev 3.535
Gaus mean : 30.5891
Gaus Width: 3.9198
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch106, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 36.36
Std Dev 3.488
Gaus mean : 36.7935
Gaus Width: 3.8055
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch106, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 42.77
Std Dev 3.346
Gaus mean : 43.1500
Gaus Width: 3.8635
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
50
60
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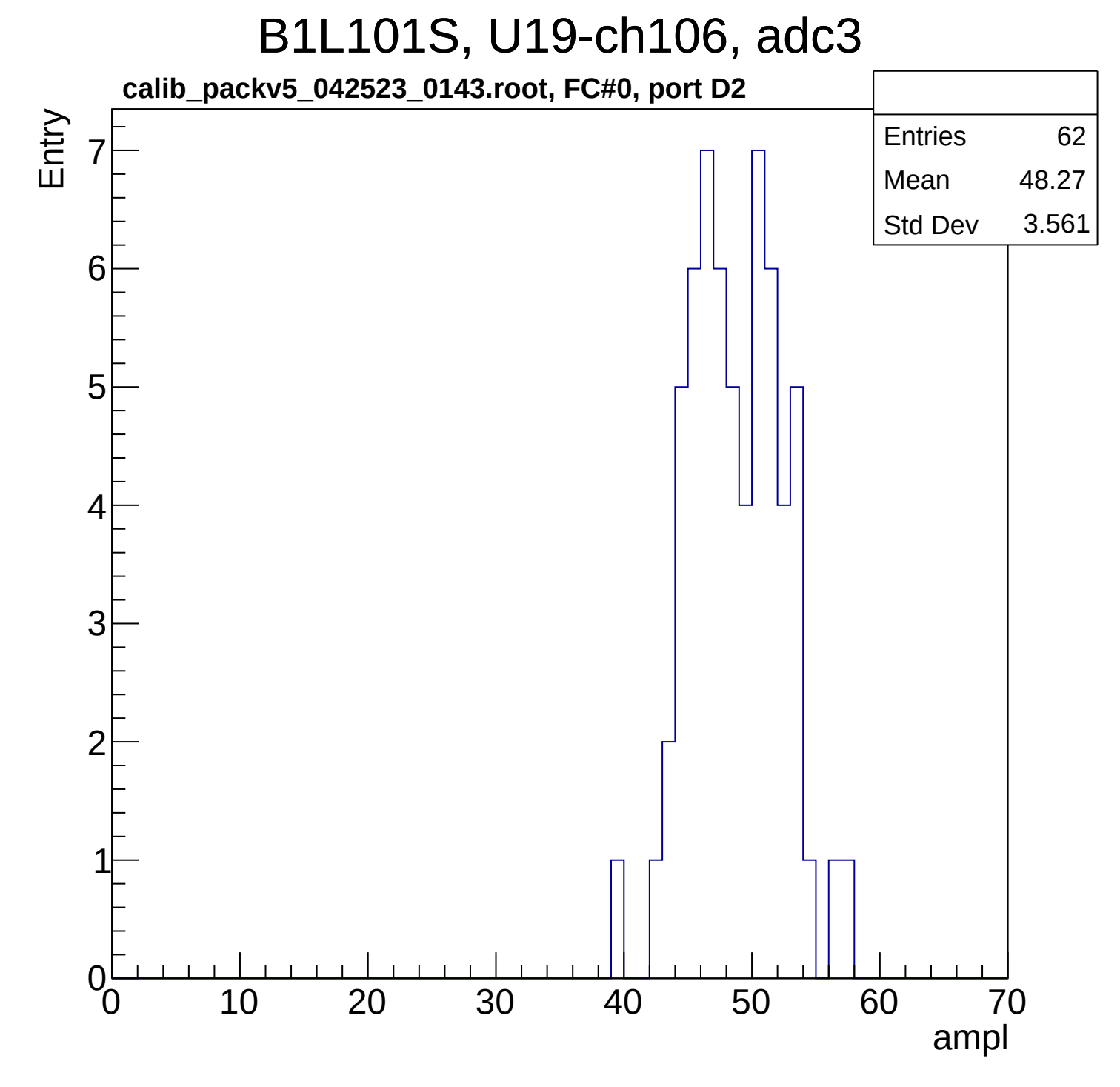
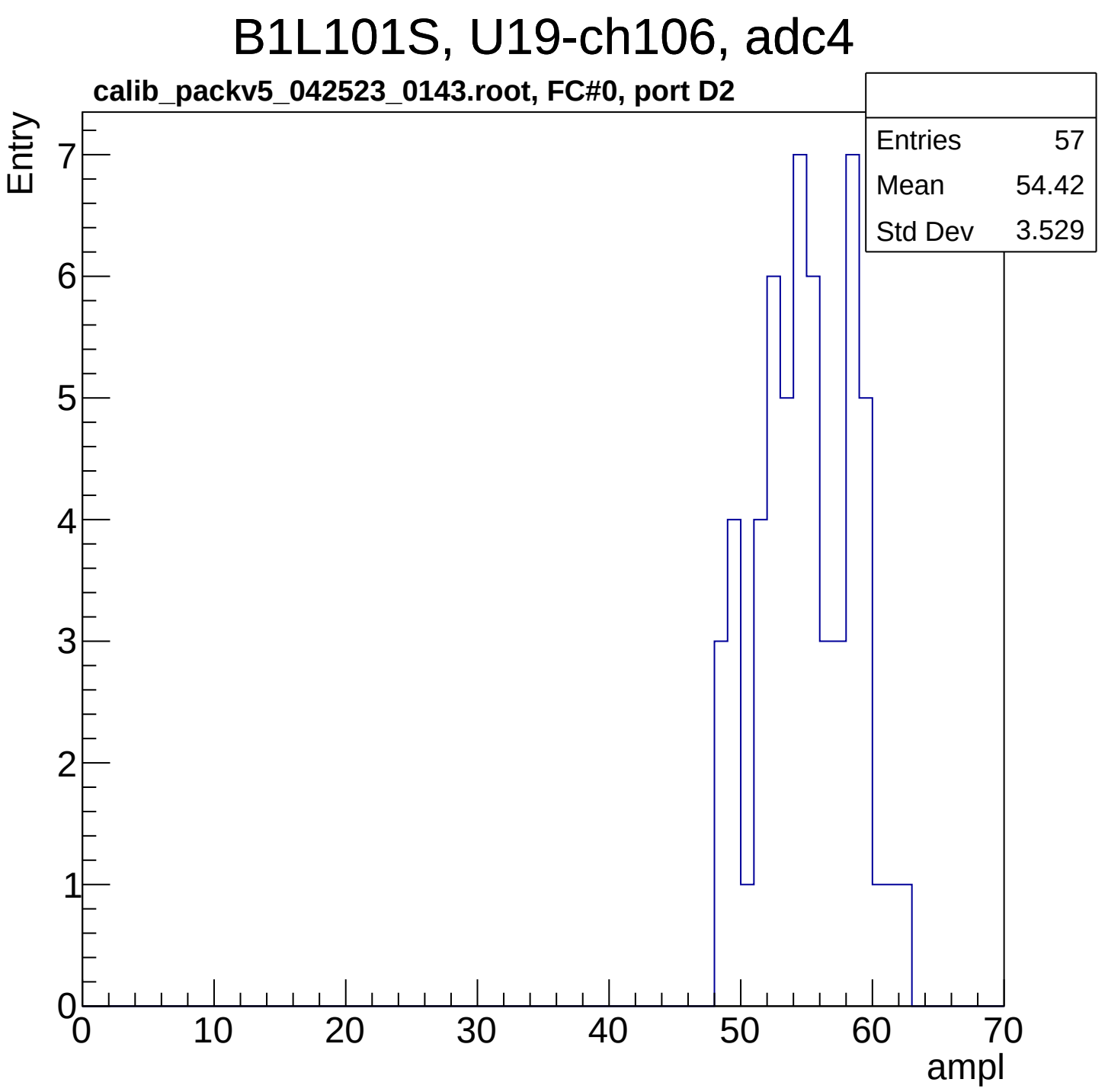

B1L101S, U19-ch106, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 48.27
Std Dev 3.561
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch106, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 54.42
Std Dev 3.529
Entry
ampl
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1
2
3
4
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7
0
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60
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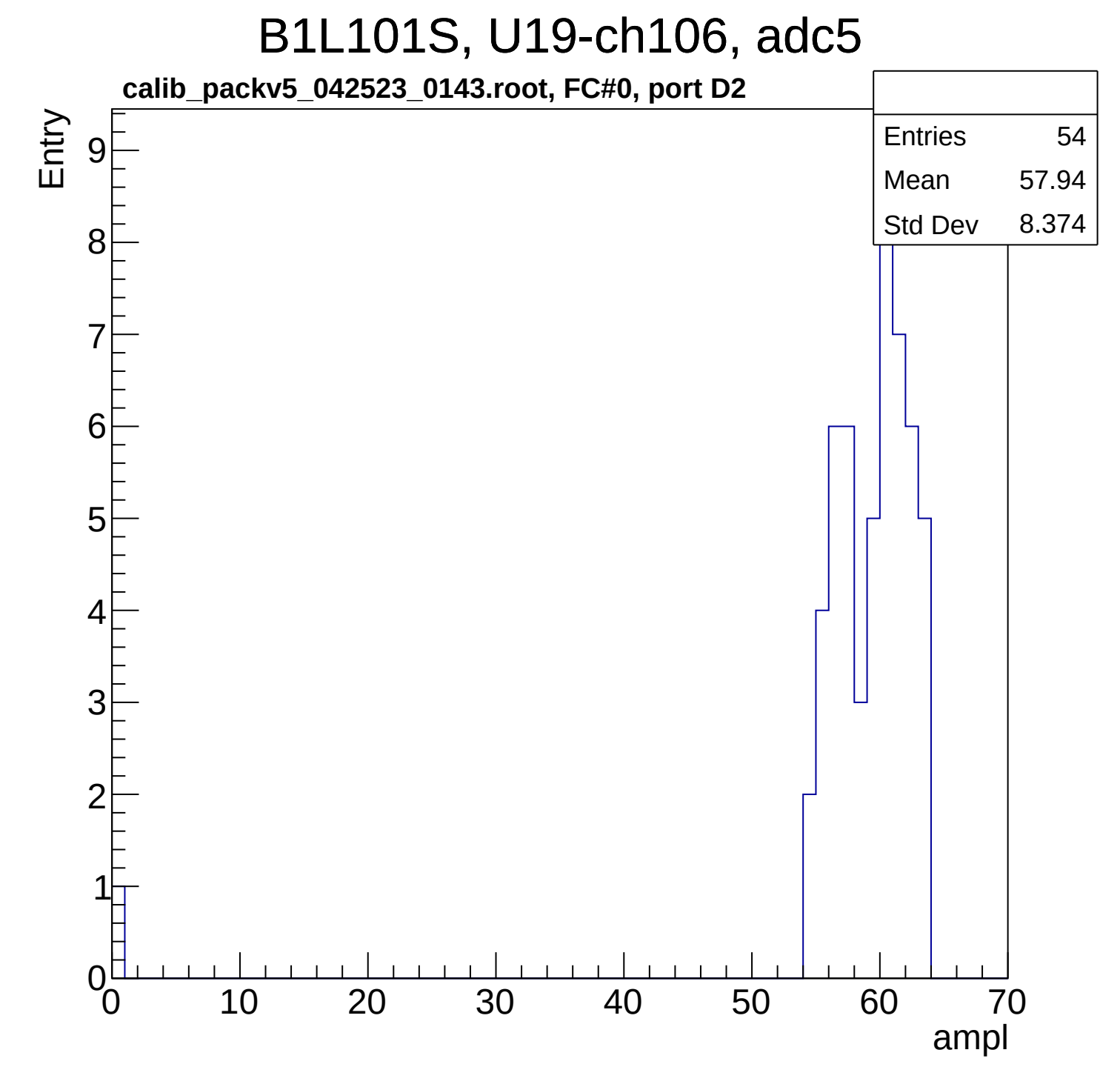
B1L101S, U19-ch106, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 57.94
Std Dev 8.374
Entry
ampl
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3
4
5
6
7
8
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0
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60
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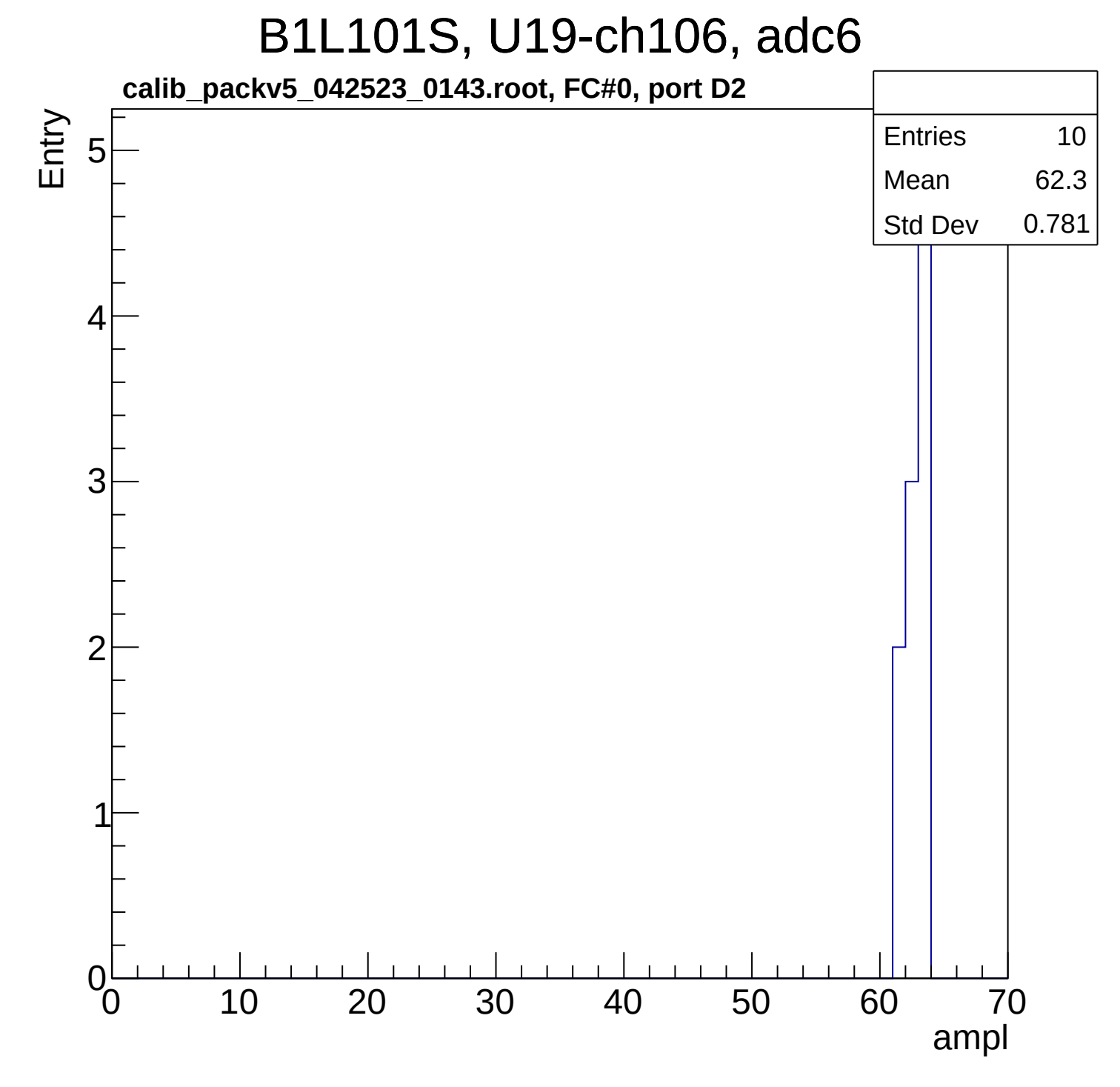
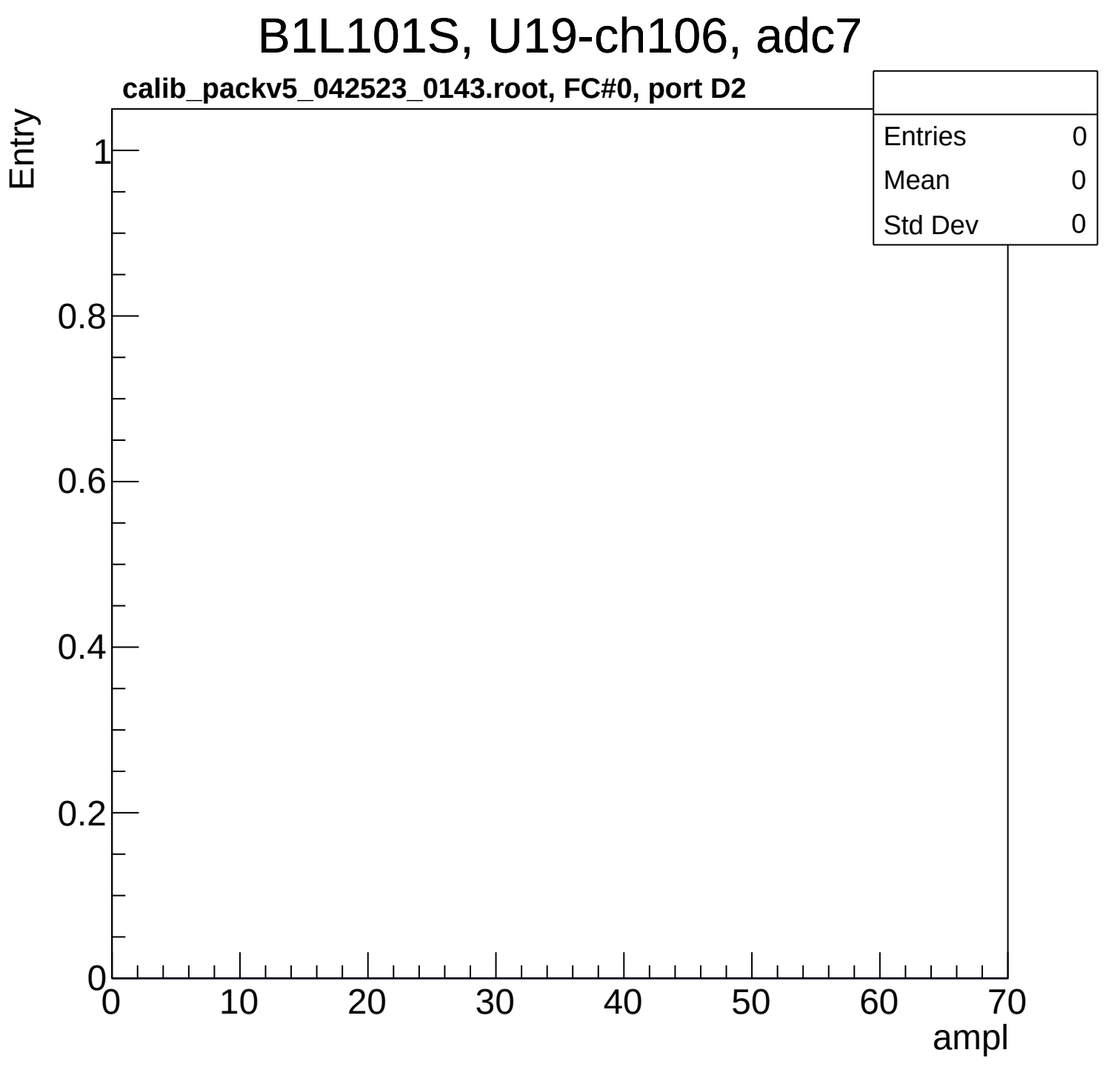

B1L101S, U19-ch106, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 62.3
Std Dev 0.781
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L101S, U19-ch106, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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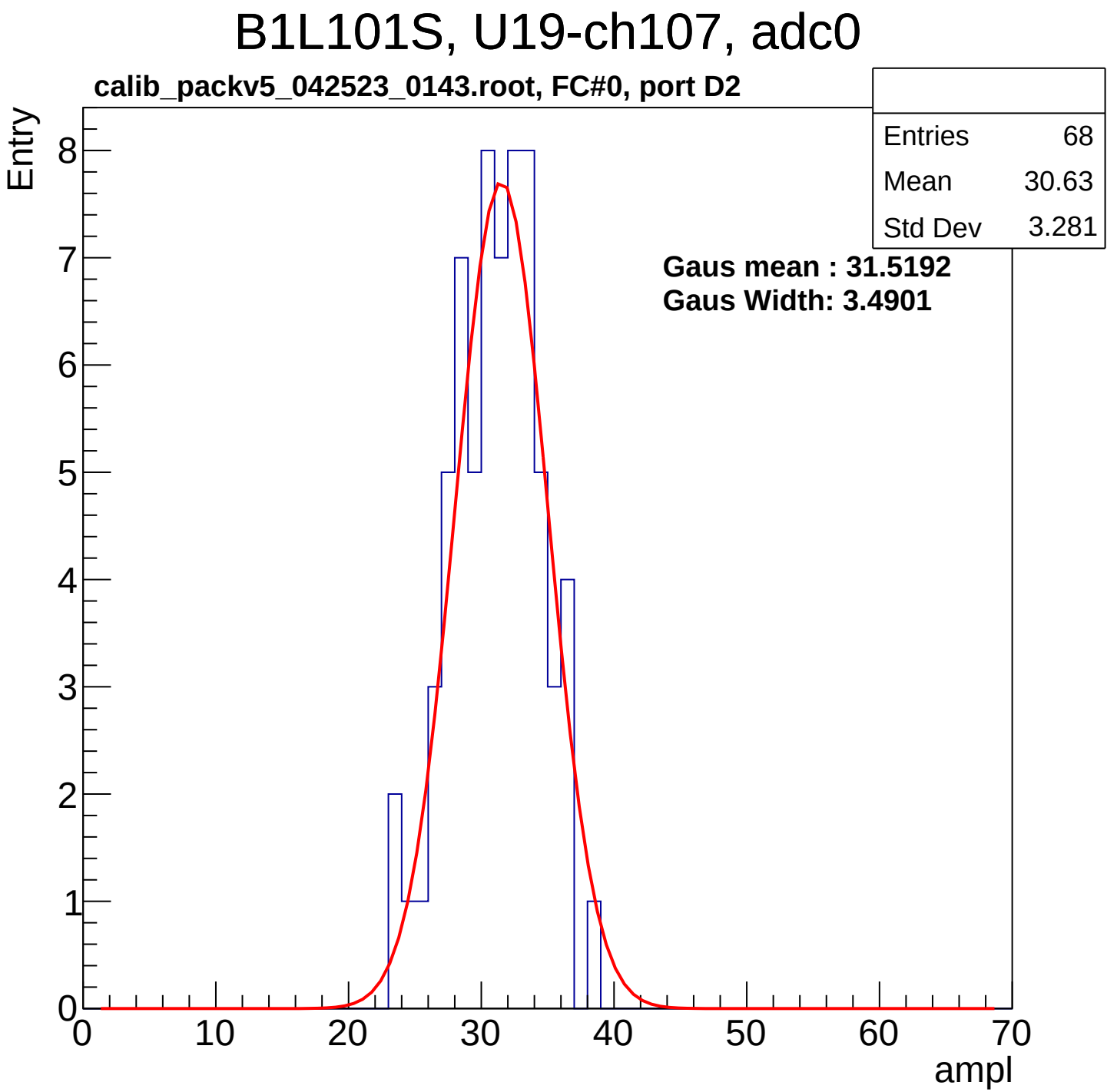
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch107, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 30.63
Std Dev 3.281
Gaus mean : 31.5192
Gaus Width: 3.4901
Entry
ampl
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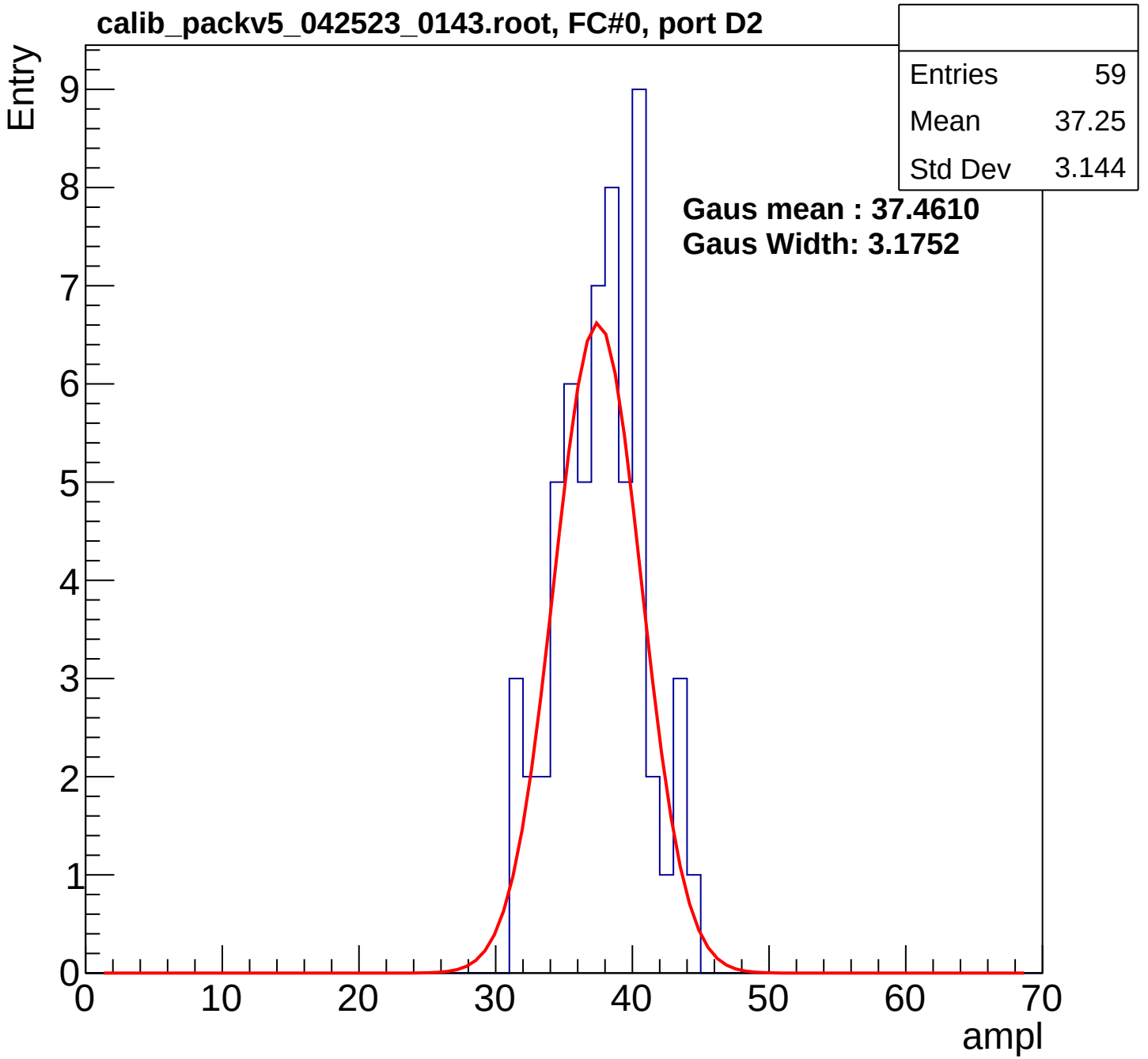
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch107, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 37.25
Std Dev 3.144
Gaus mean : 37.4610
Gaus Width: 3.1752
Entry
ampl
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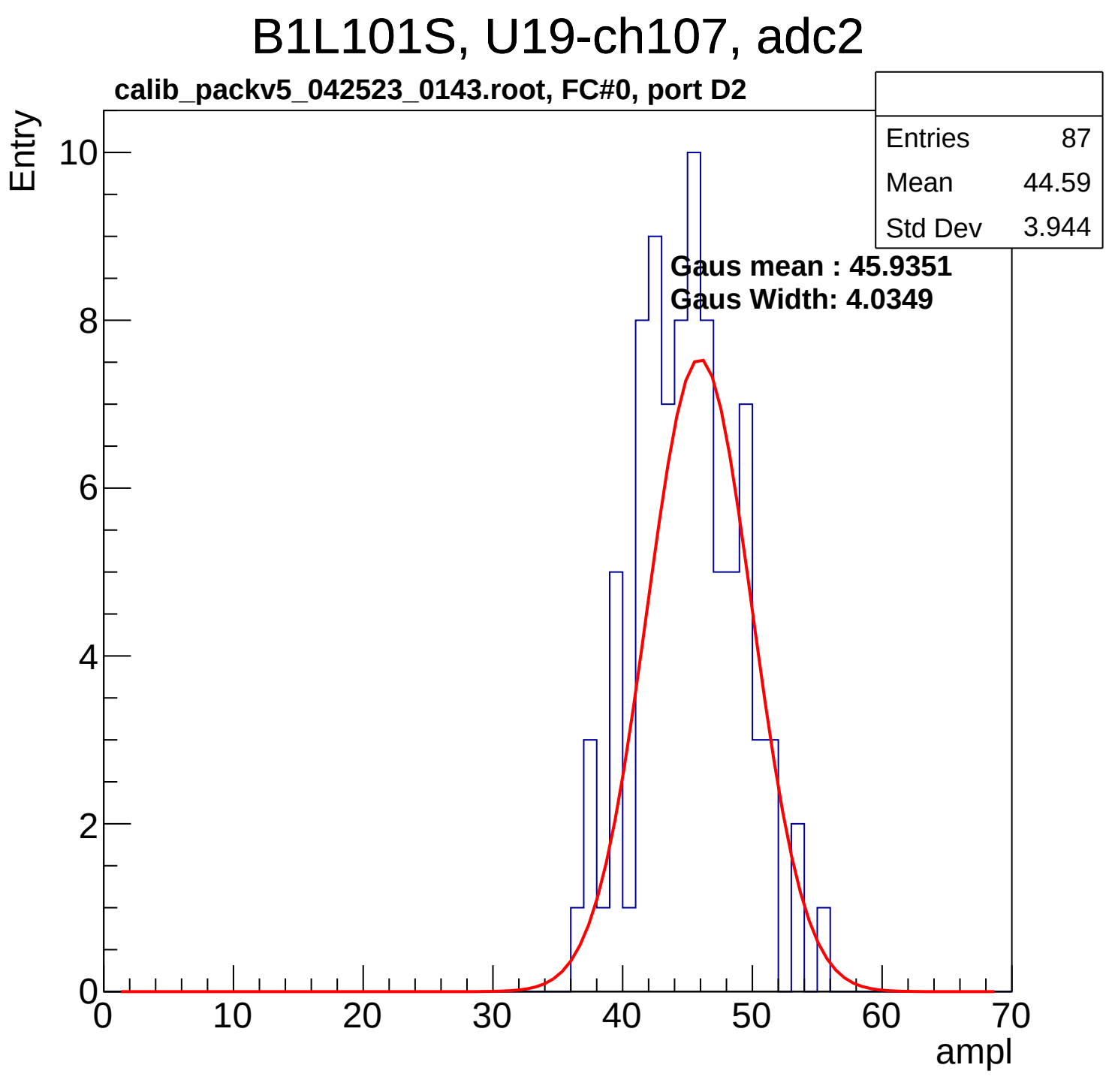
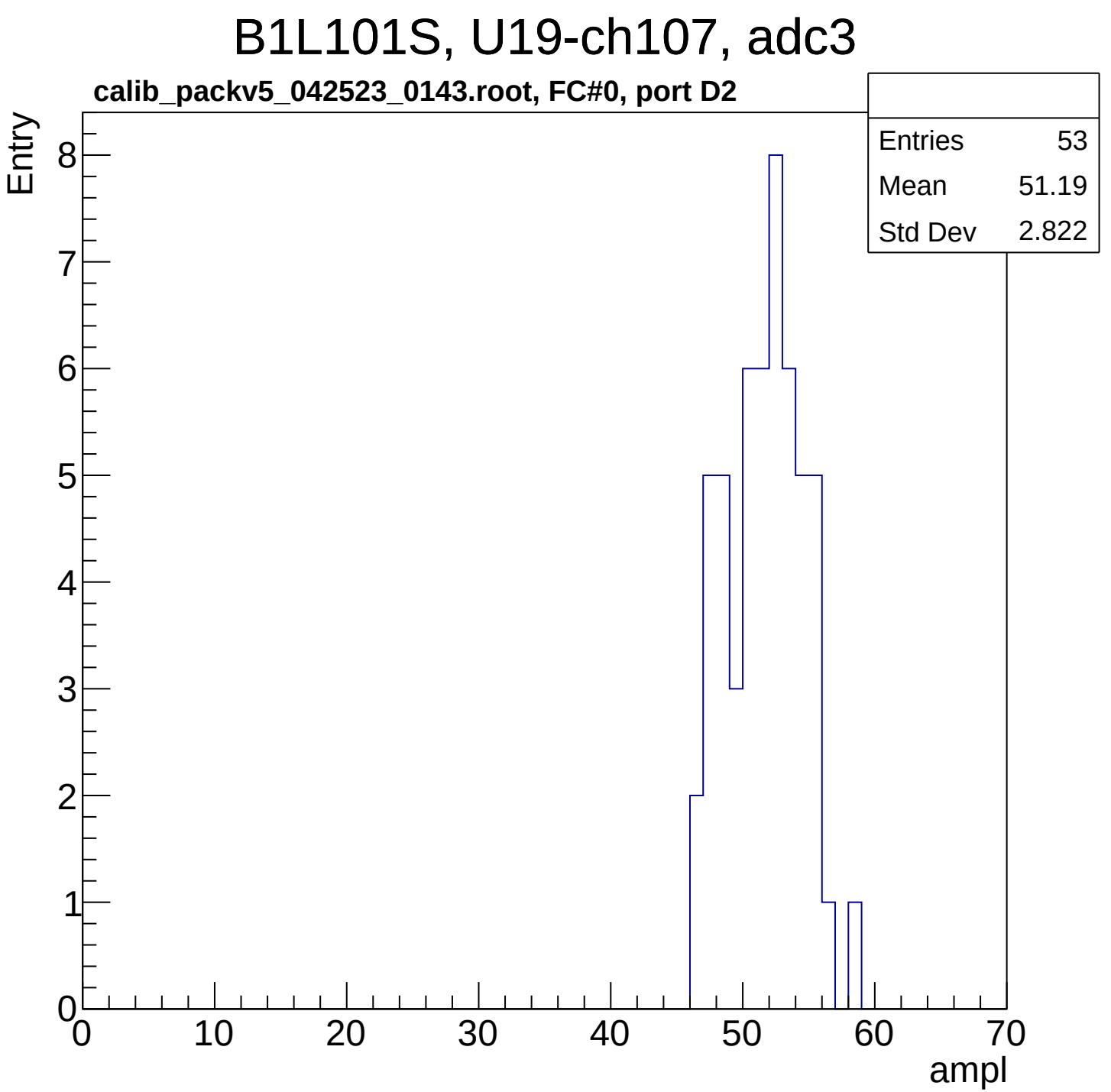
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch107, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 87
Mean 44.59
Std Dev 3.944
Gaus mean : 45.9351
Gaus Width: 4.0349
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch107, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 51.19
Std Dev 2.822
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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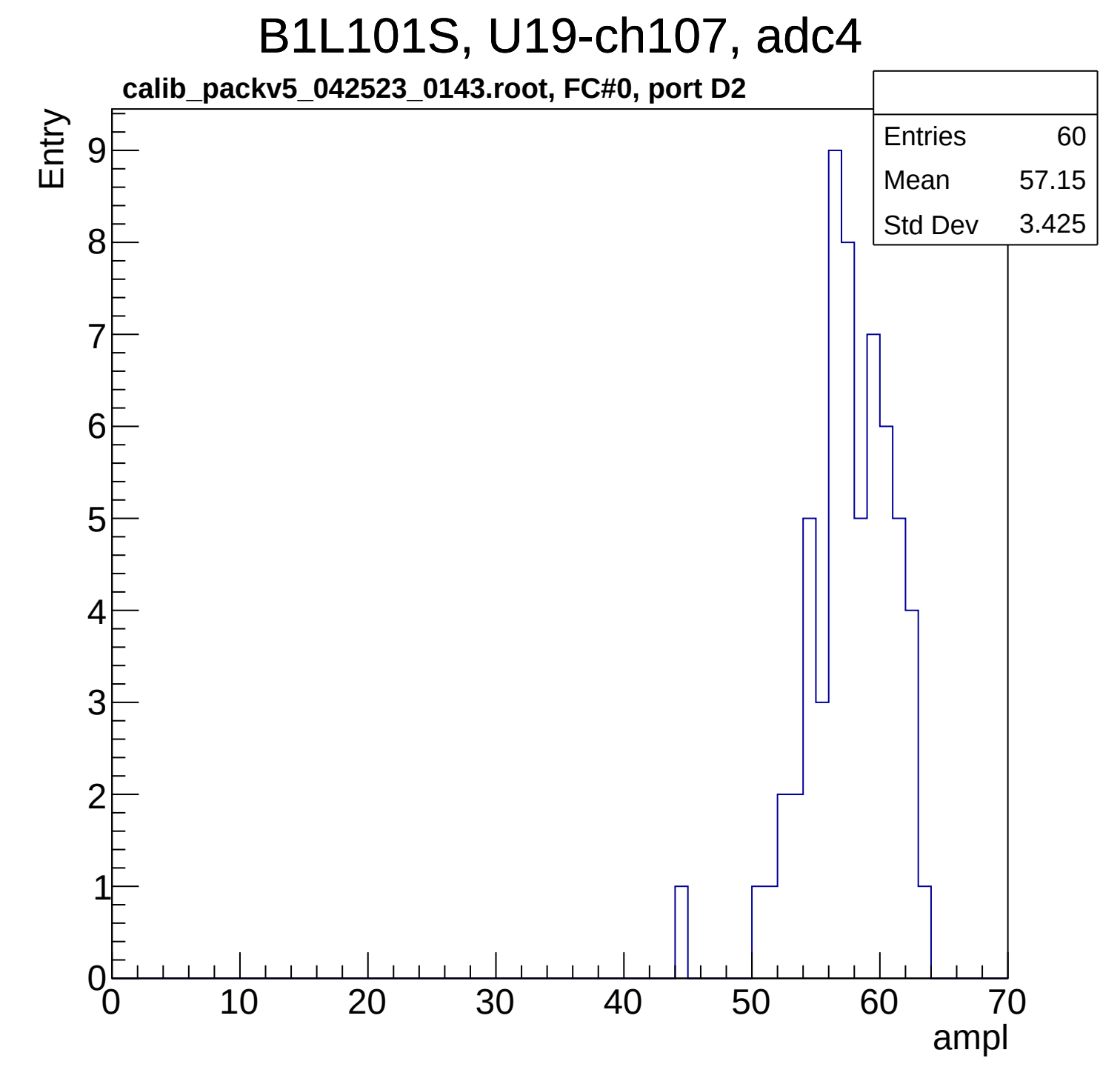
B1L101S, U19-ch107, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 57.15
Std Dev 3.425
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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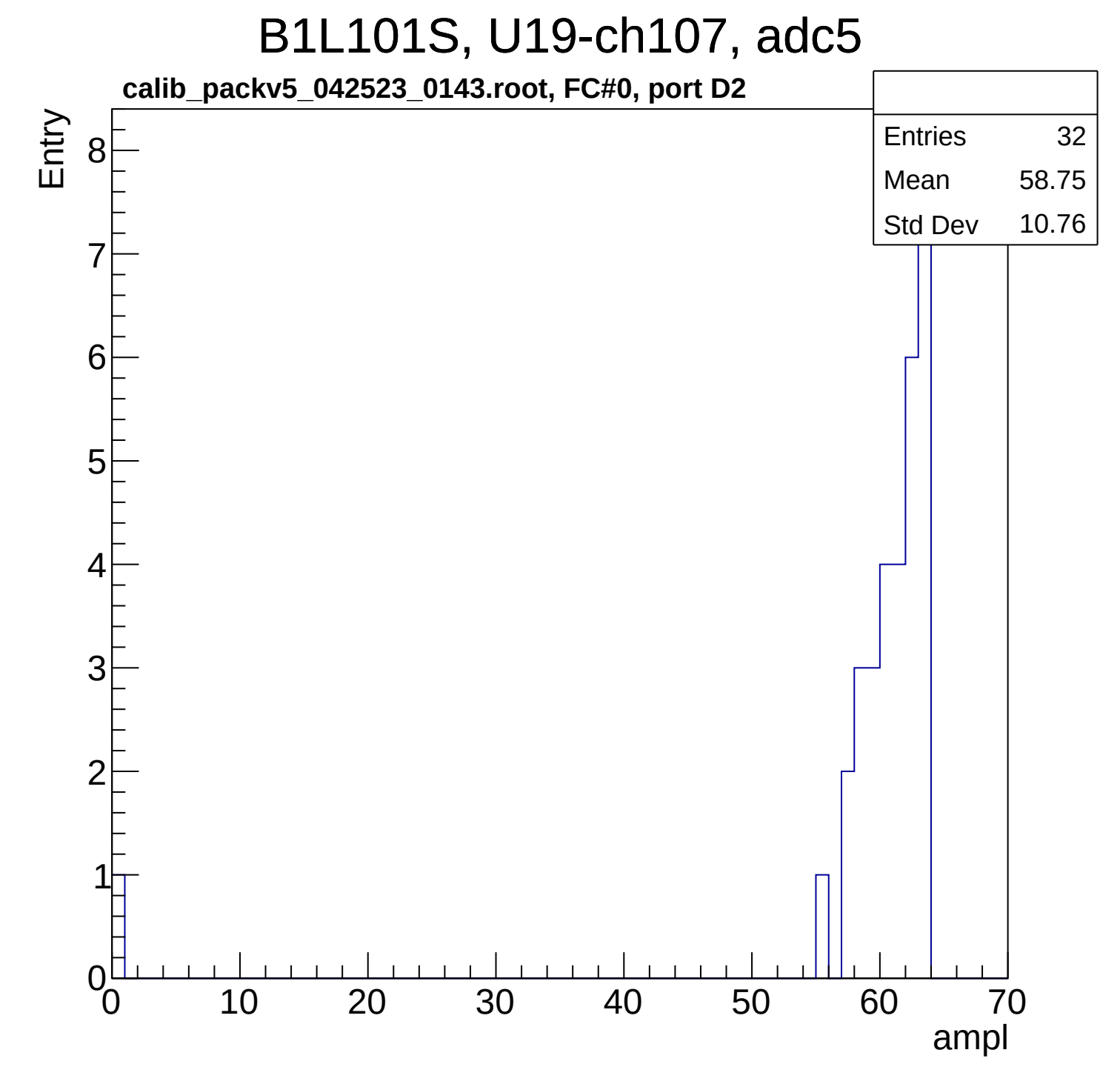
B1L101S, U19-ch107, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 32
Mean 58.75
Std Dev 10.76
Entry
ampl
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6
7
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10
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40
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60
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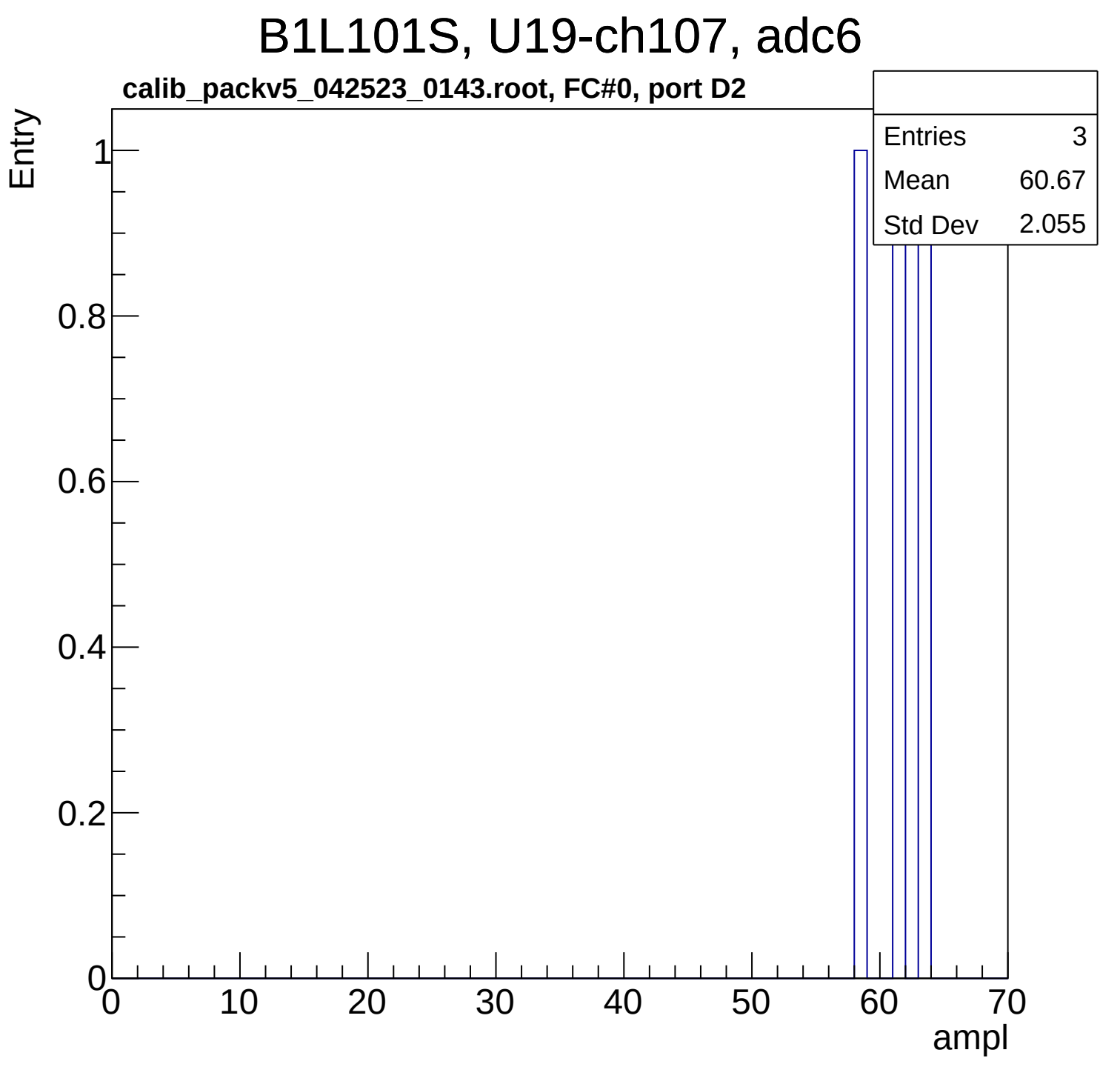
B1L101S, U19-ch107, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 60.67
Std Dev 2.055
Entry
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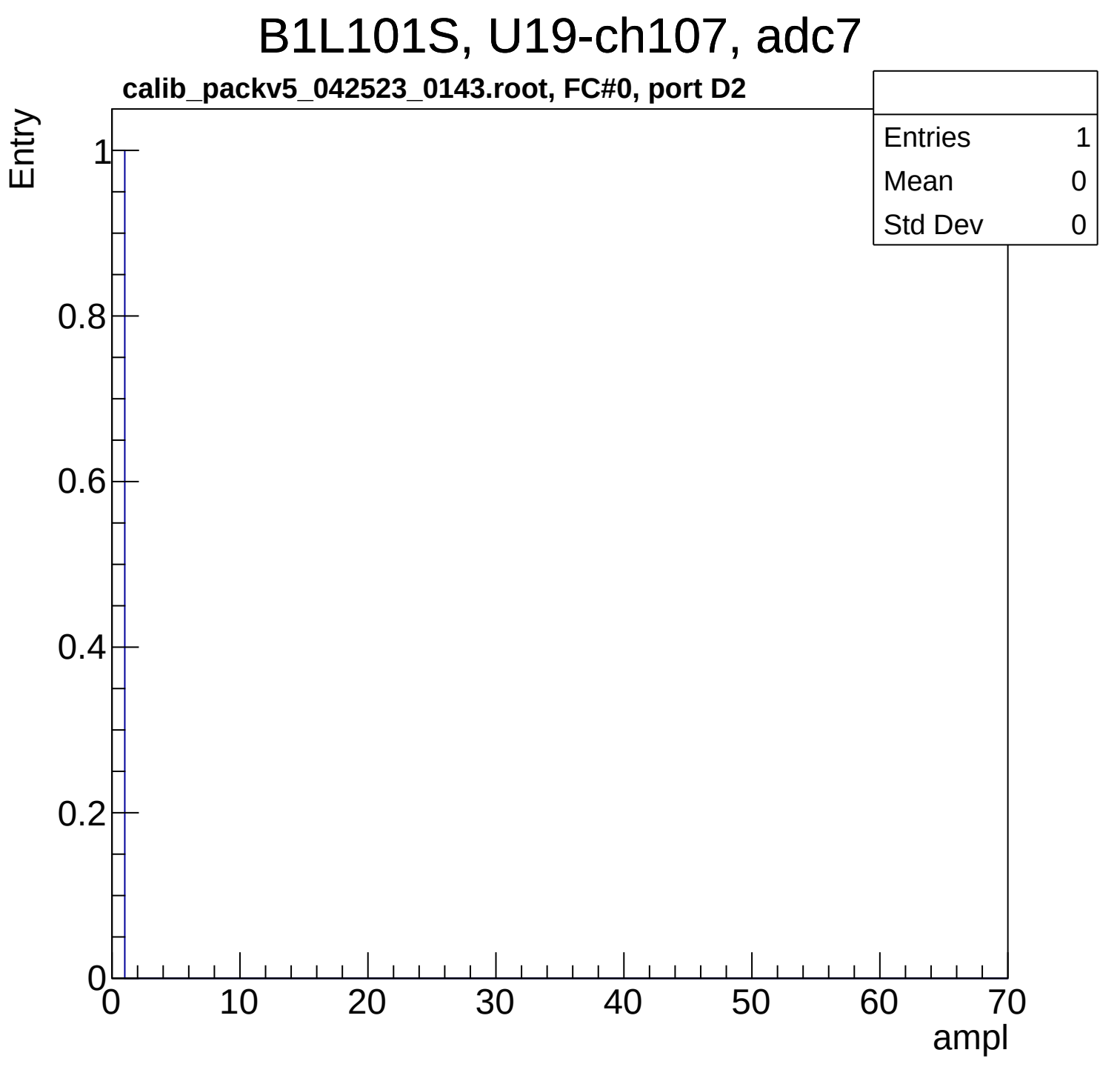
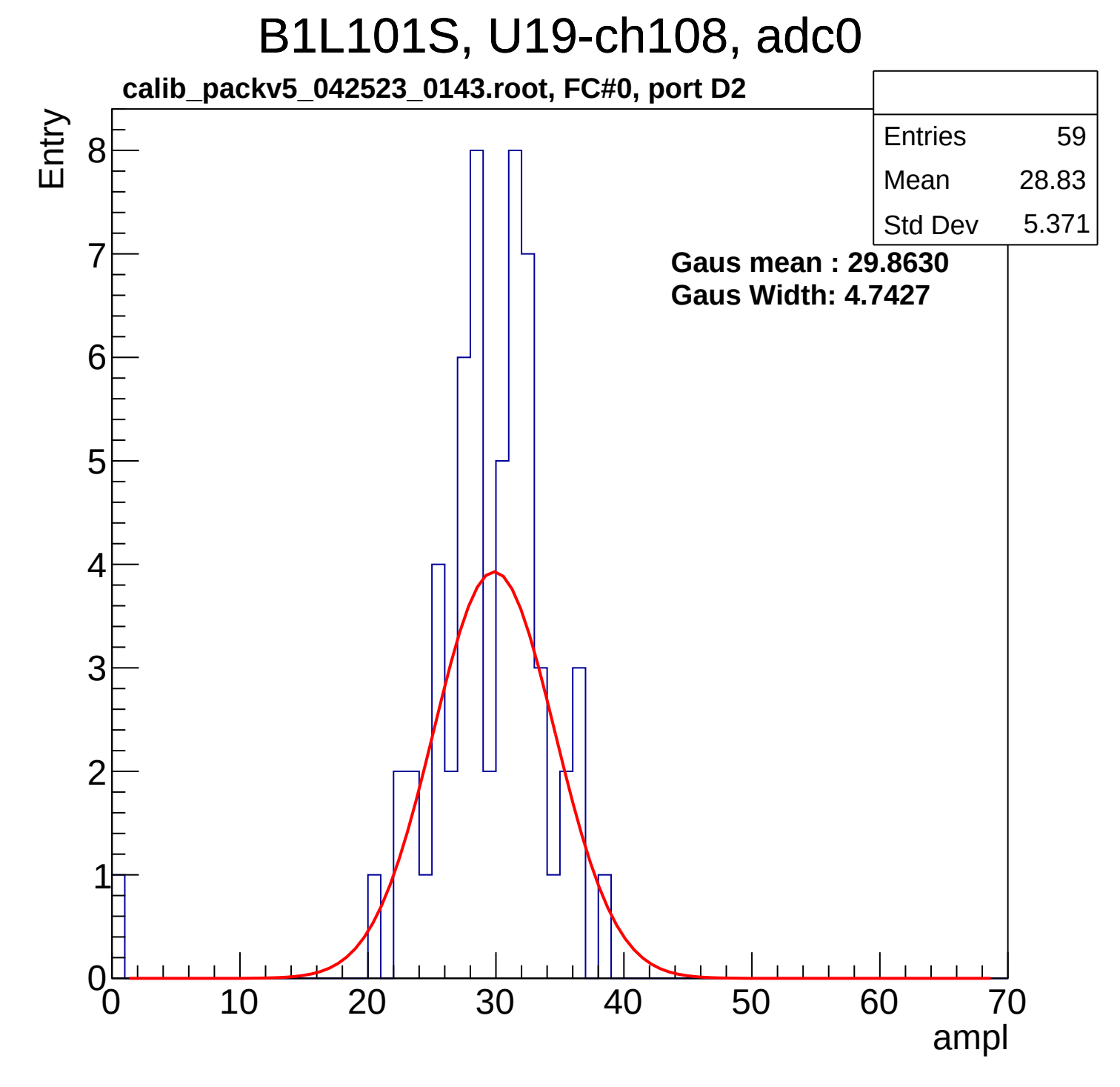
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch107, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch108, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 28.83
Std Dev 5.371
Gaus mean : 29.8630
Gaus Width: 4.7427
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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60
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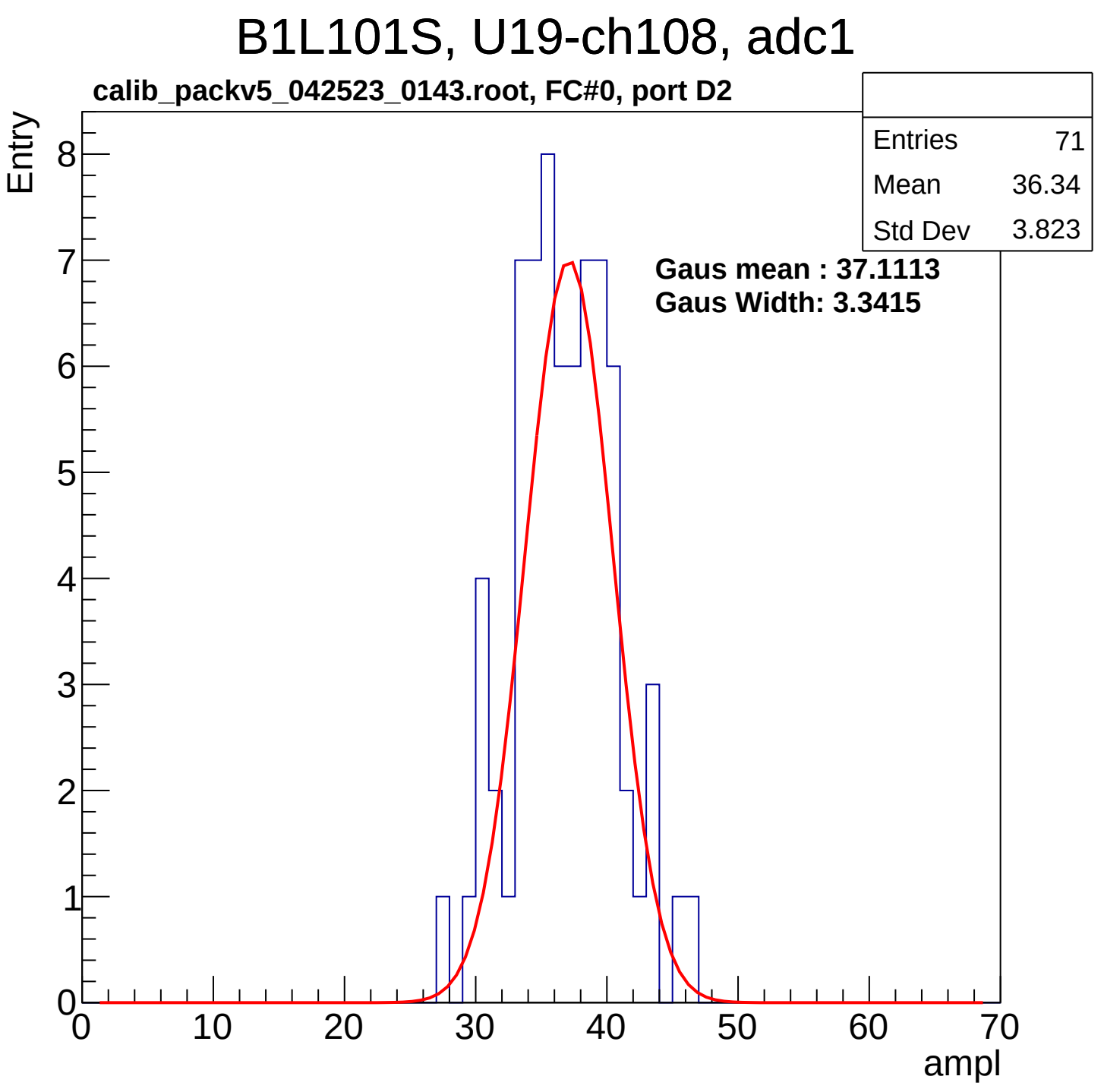
B1L101S, U19-ch108, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 36.34
Std Dev 3.823
Gaus mean : 37.1113
Gaus Width: 3.3415
Entry
ampl
0
1
2
3
4
5
6
7
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0
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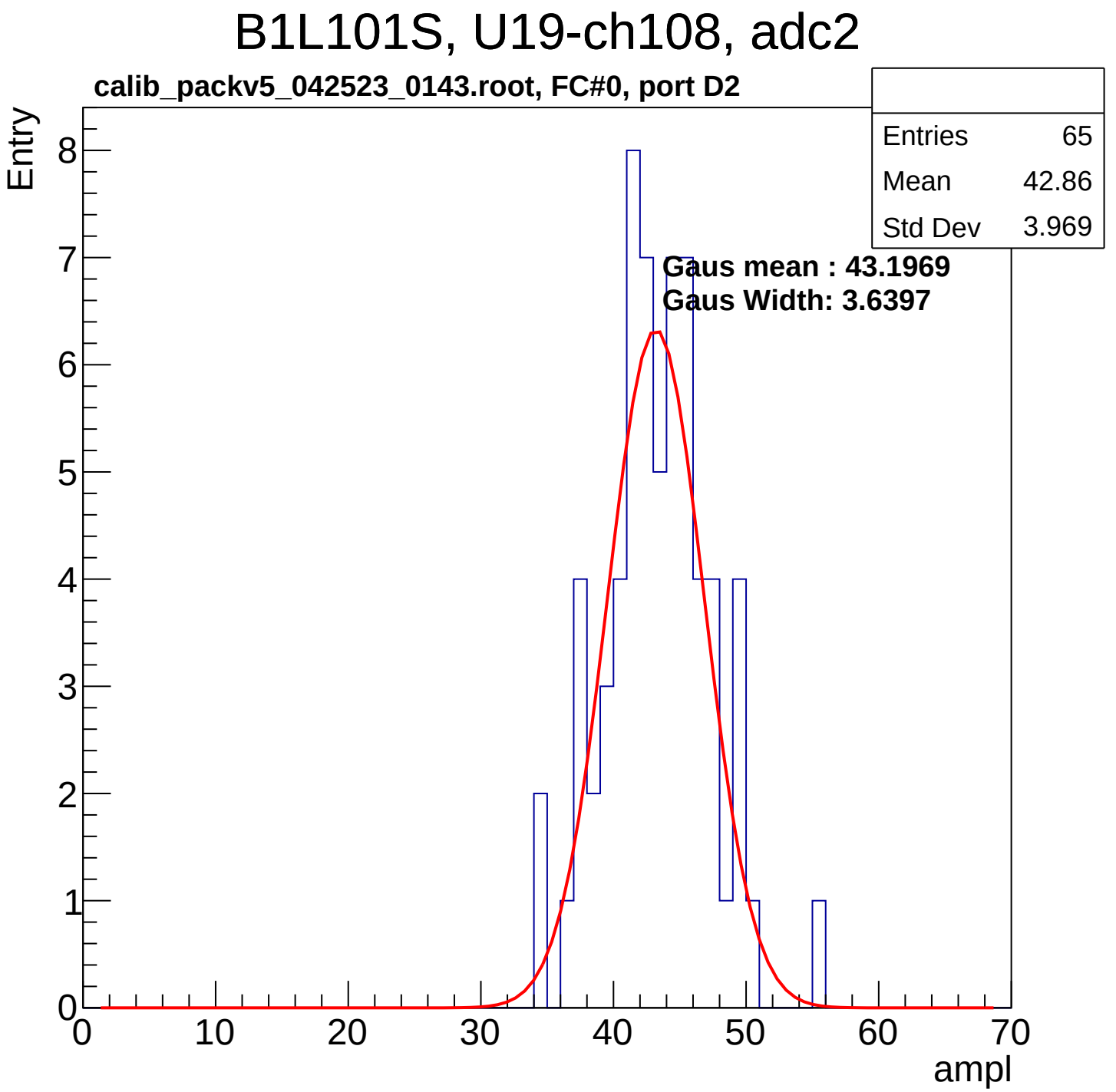
B1L101S, U19-ch108, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 42.86
Std Dev 3.969
Gaus mean : 43.1969
Gaus Width: 3.6397
Entry
ampl
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1
2
3
4
5
6
7
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0
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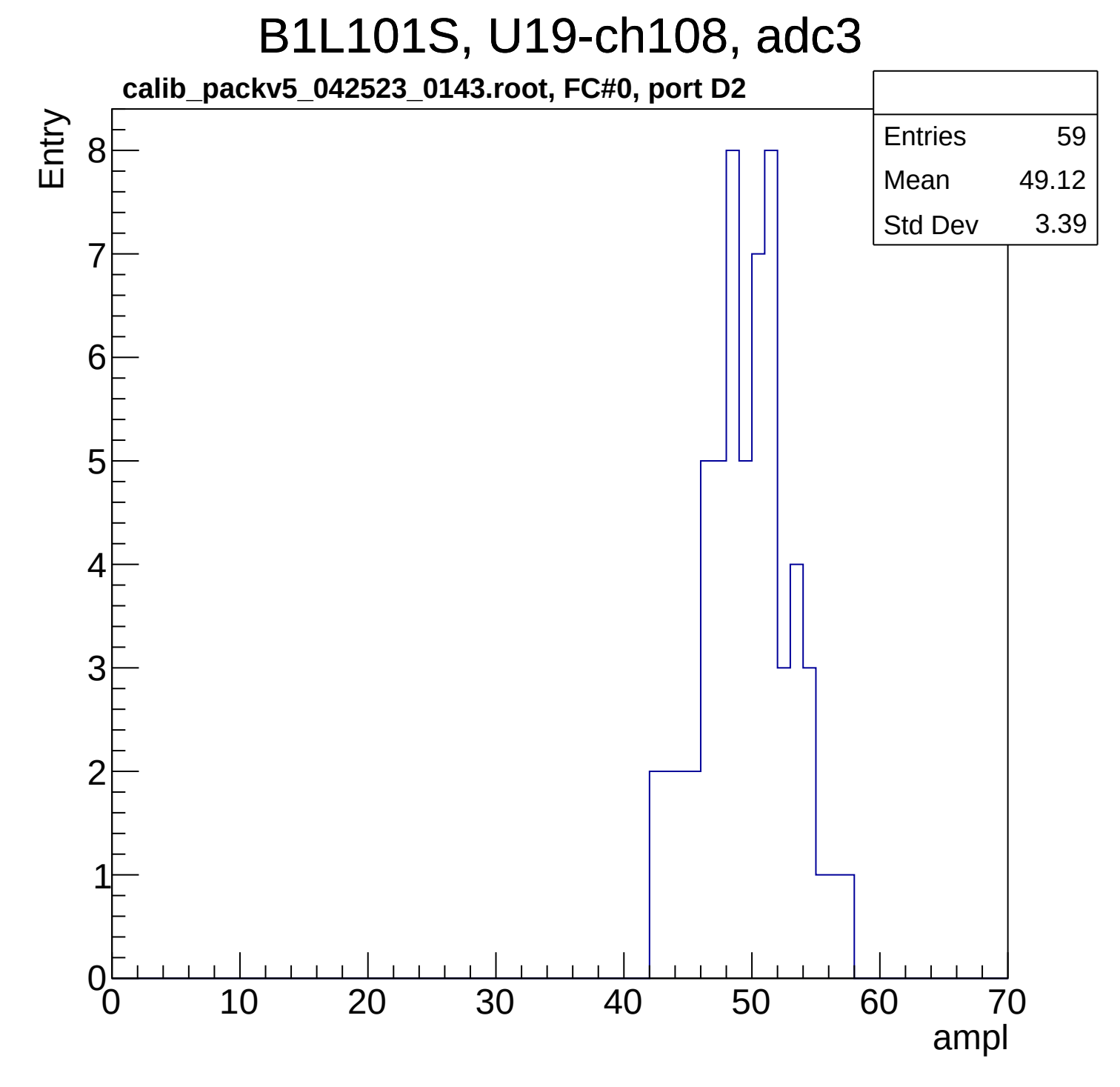
B1L101S, U19-ch108, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 49.12
Std Dev 3.39
Entry
ampl
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1
2
3
4
5
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7
8
0
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60
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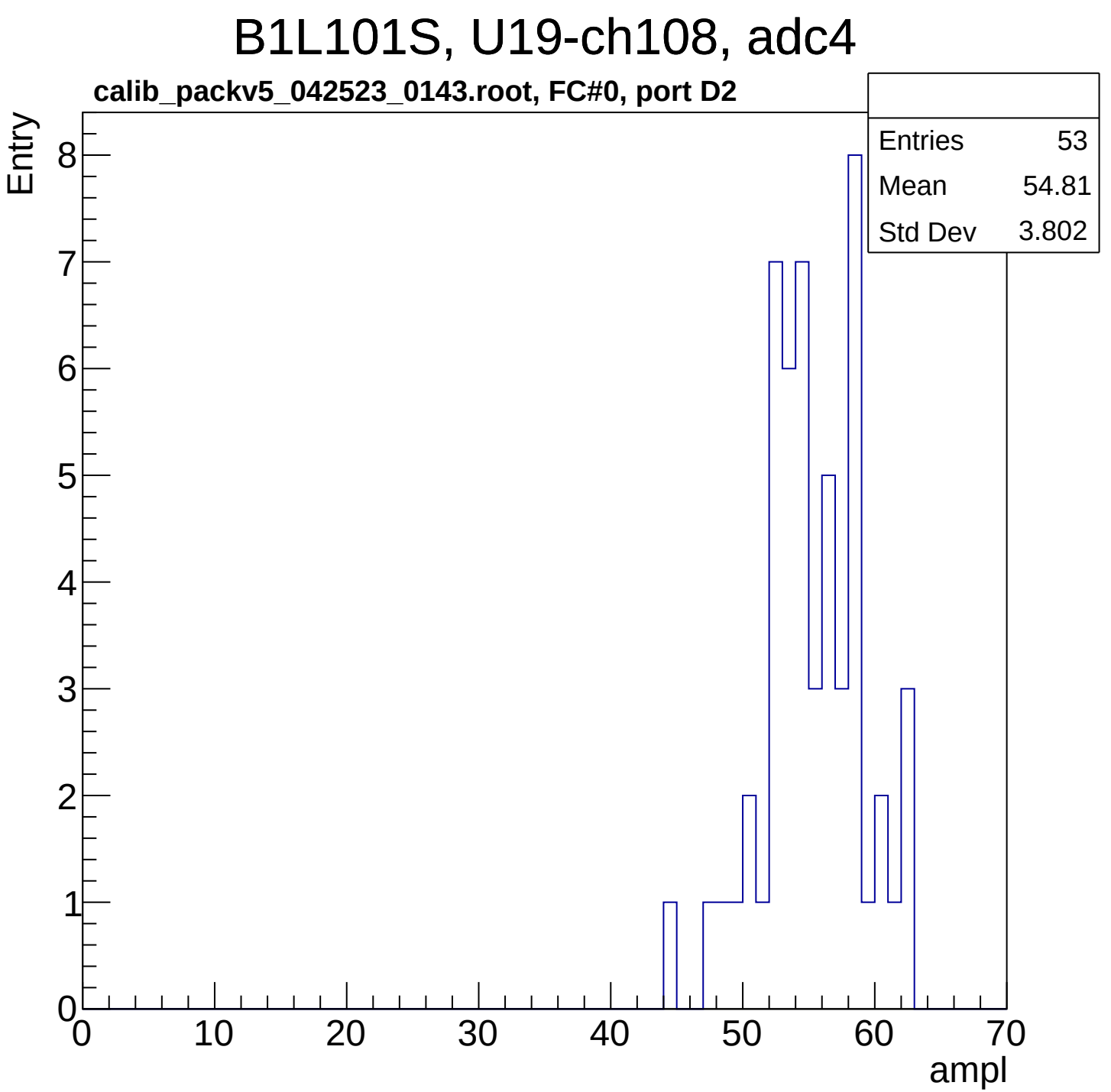
B1L101S, U19-ch108, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 54.81
Std Dev 3.802
Entry
ampl
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1
2
3
4
5
6
7
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0
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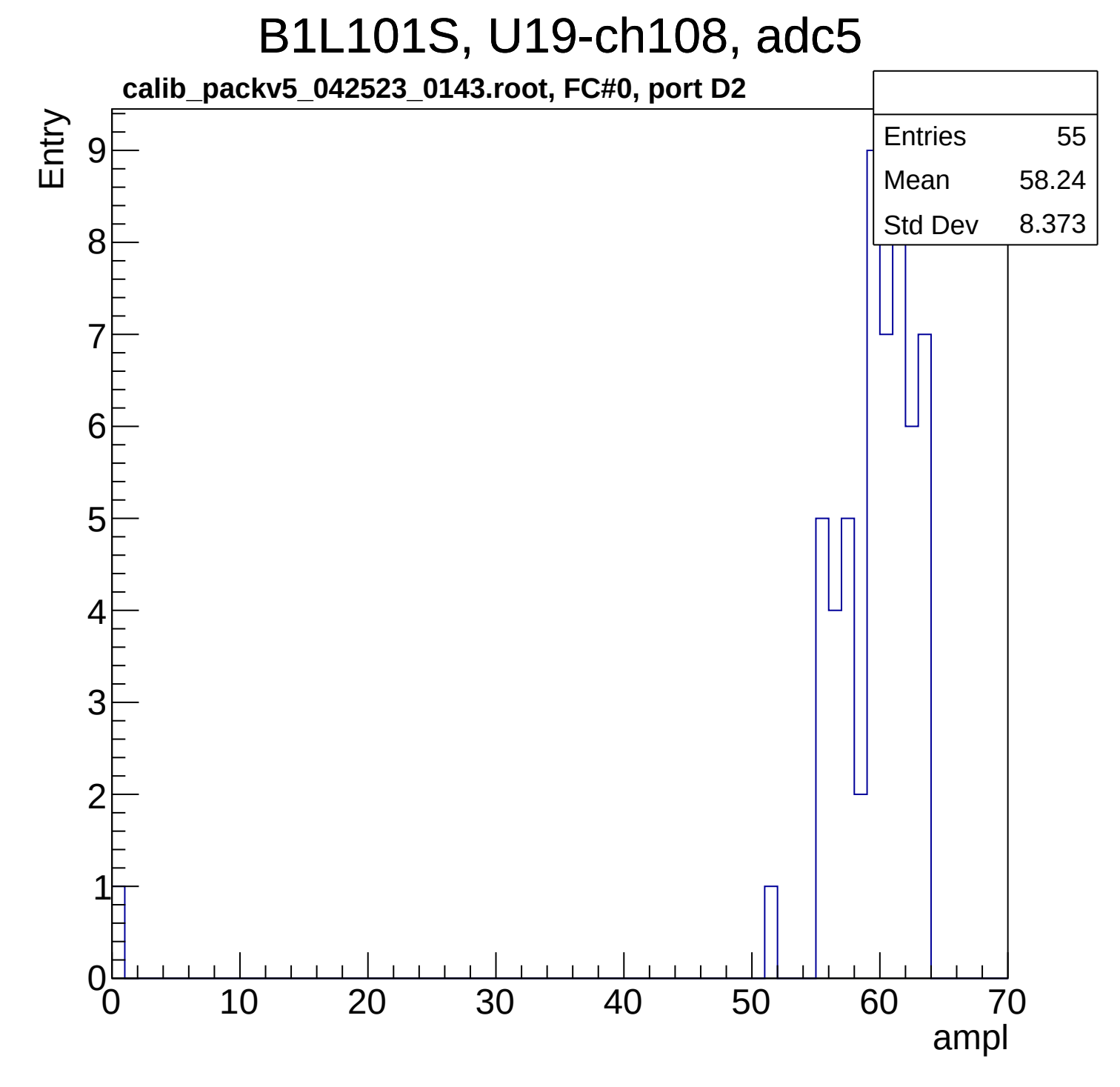
B1L101S, U19-ch108, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 58.24
Std Dev 8.373
Entry
ampl
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2
3
4
5
6
7
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0
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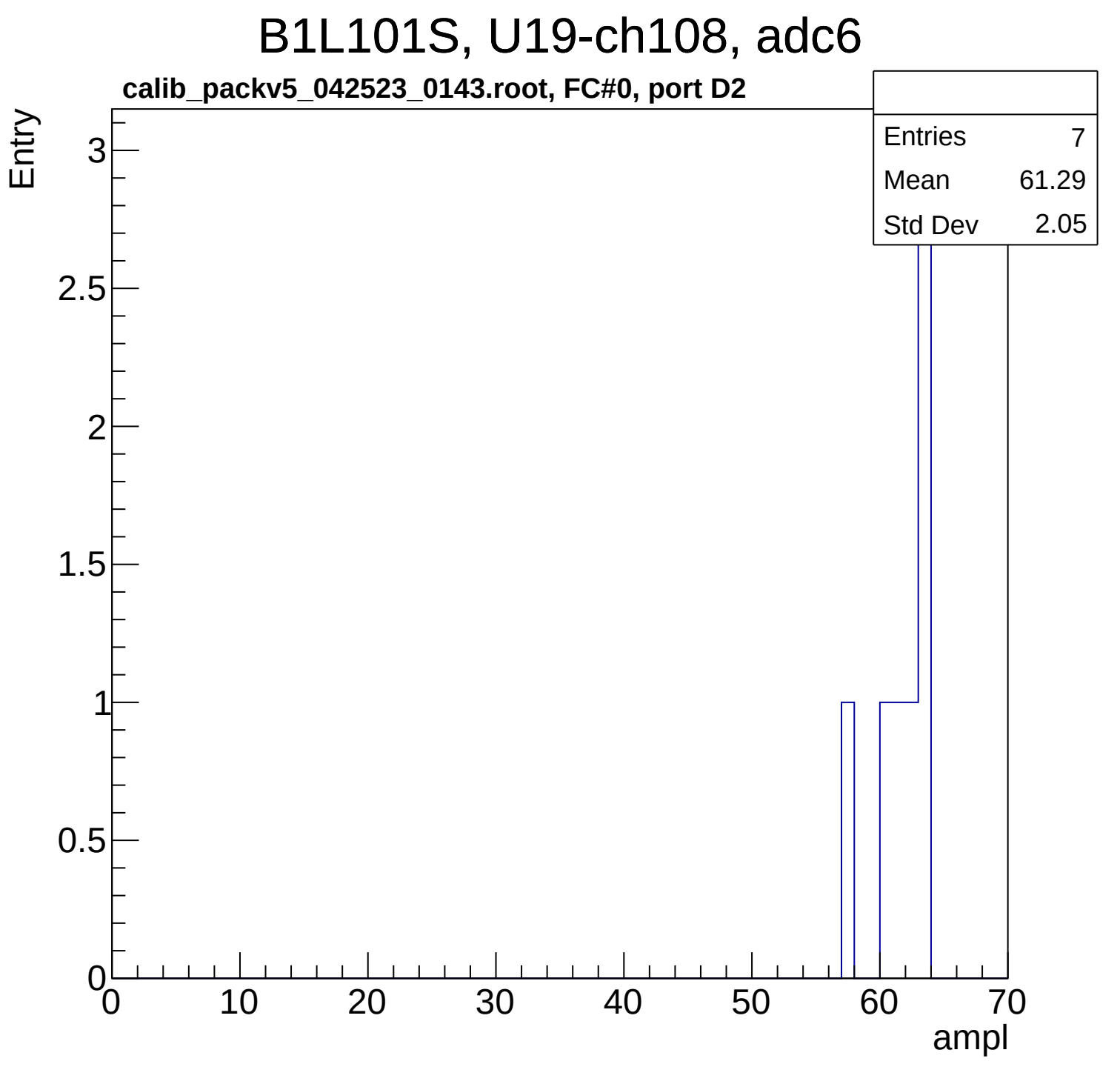
B1L101S, U19-ch108, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 61.29
Std Dev 2.05
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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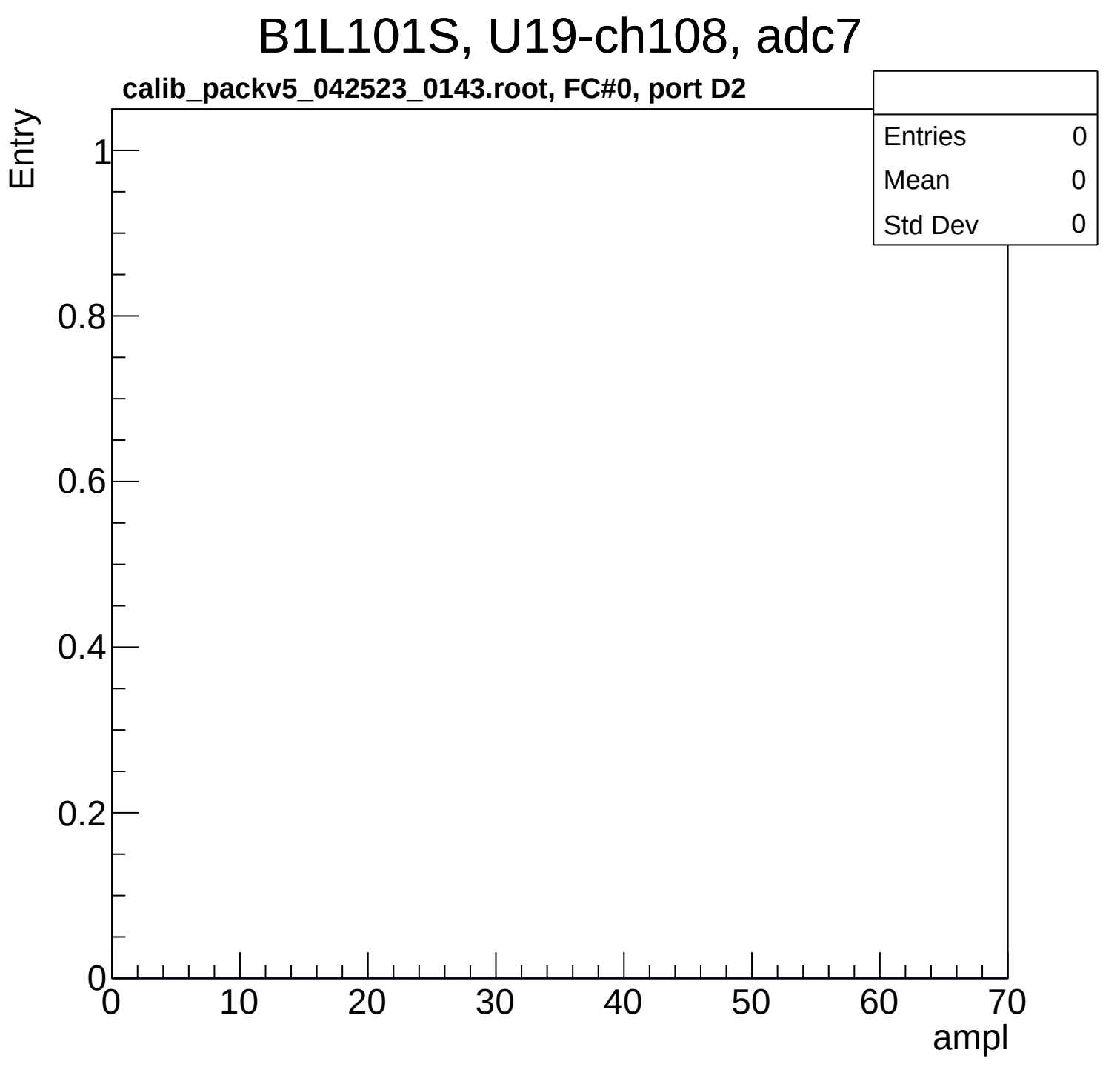
B1L101S, U19-ch108, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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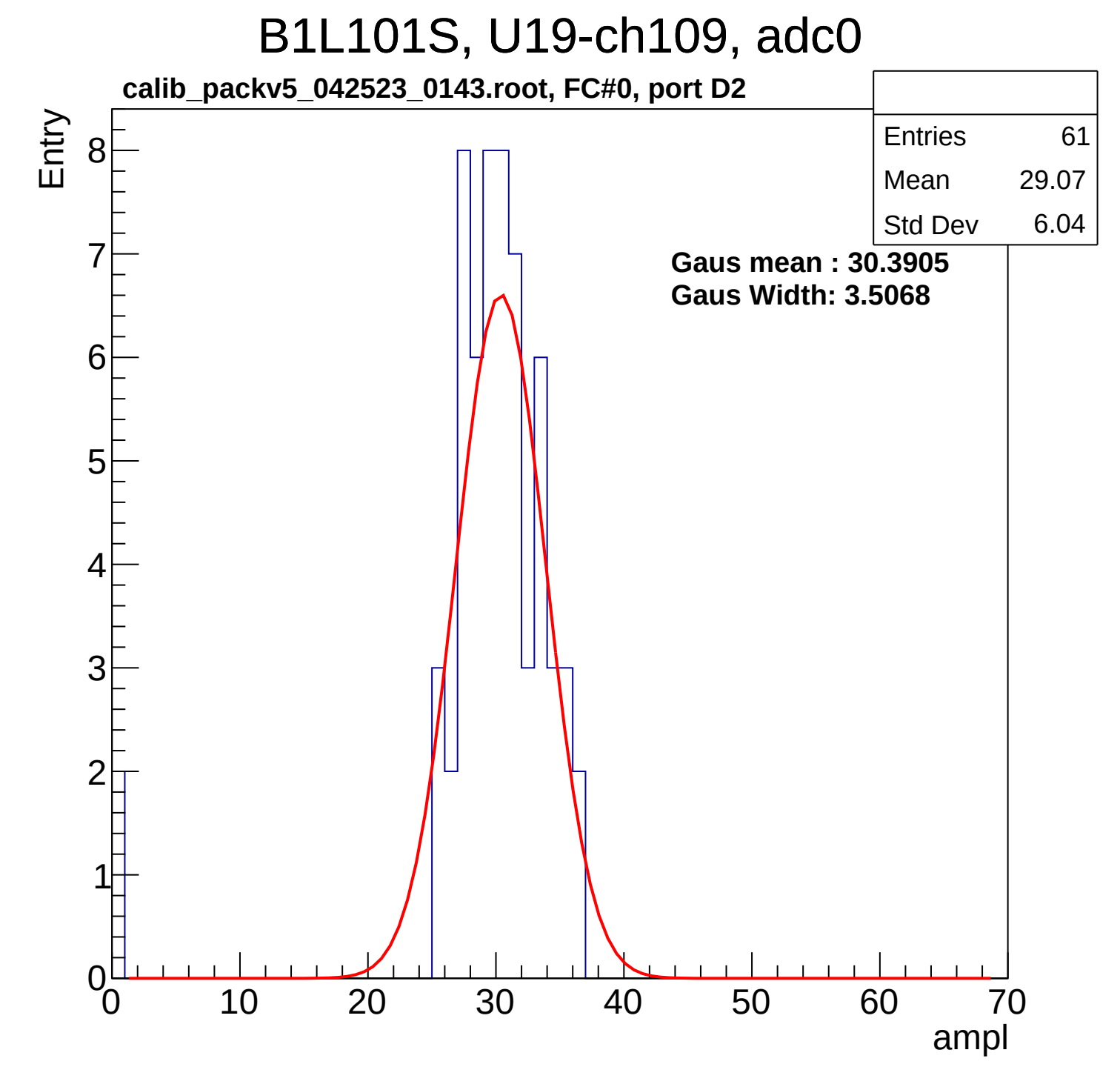
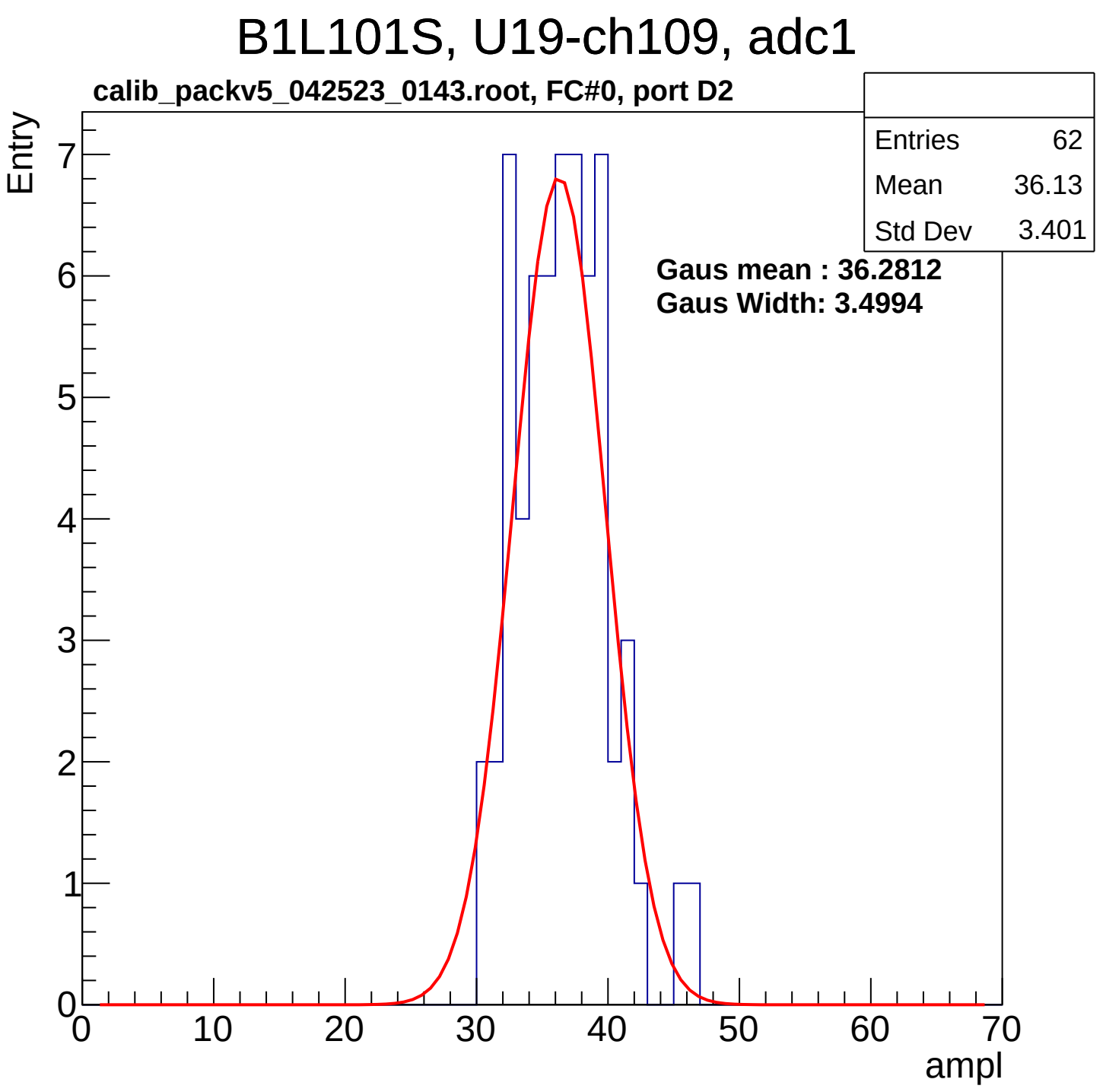
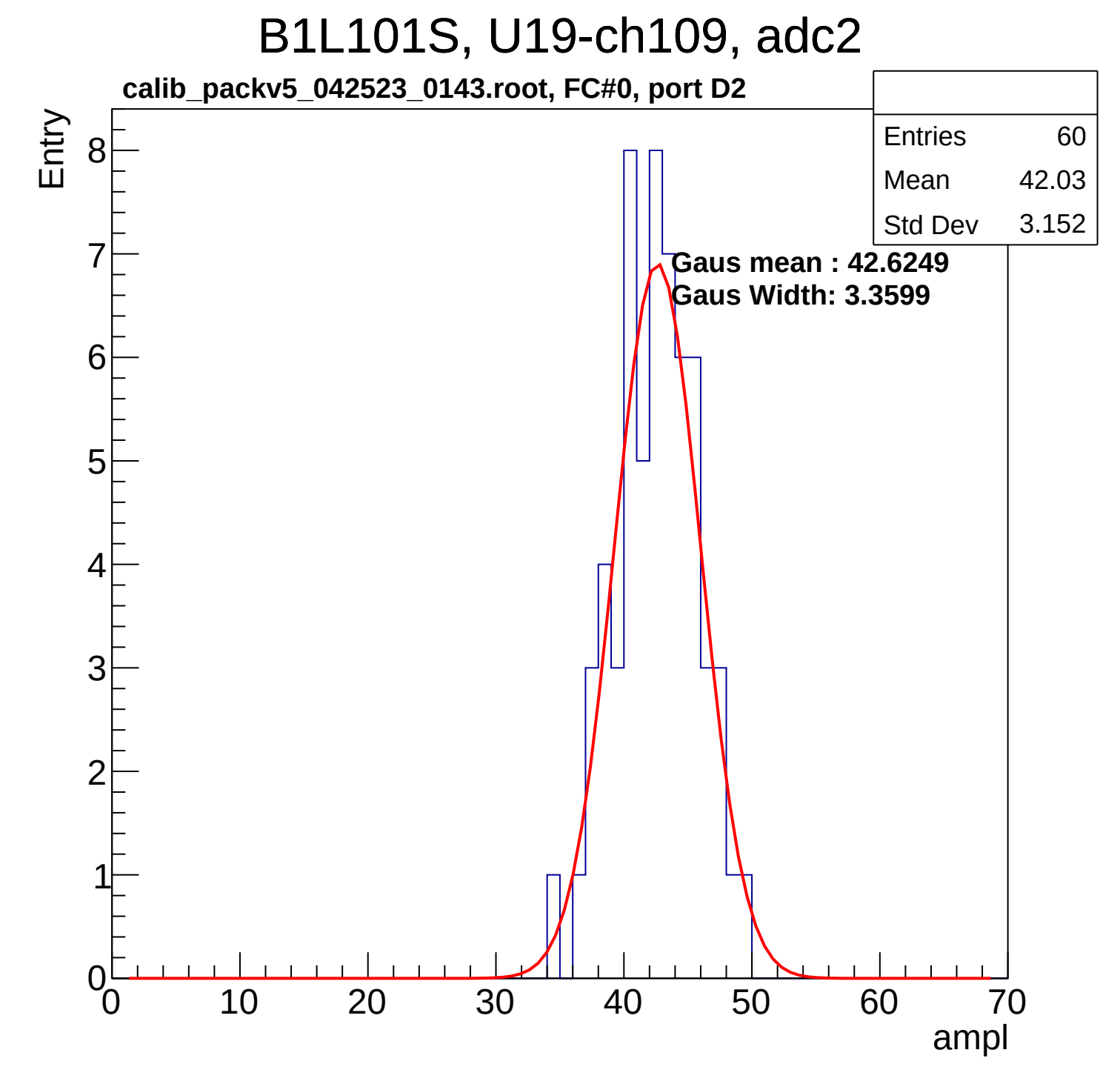
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch109, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 29.07
Std Dev 6.04
Gaus mean : 30.3905
Gaus Width: 3.5068
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch109, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 36.13
Std Dev 3.401
Gaus mean : 36.2812
Gaus Width: 3.4994
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch109, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 42.03
Std Dev 3.152
Gaus mean : 42.6249
Gaus Width: 3.3599
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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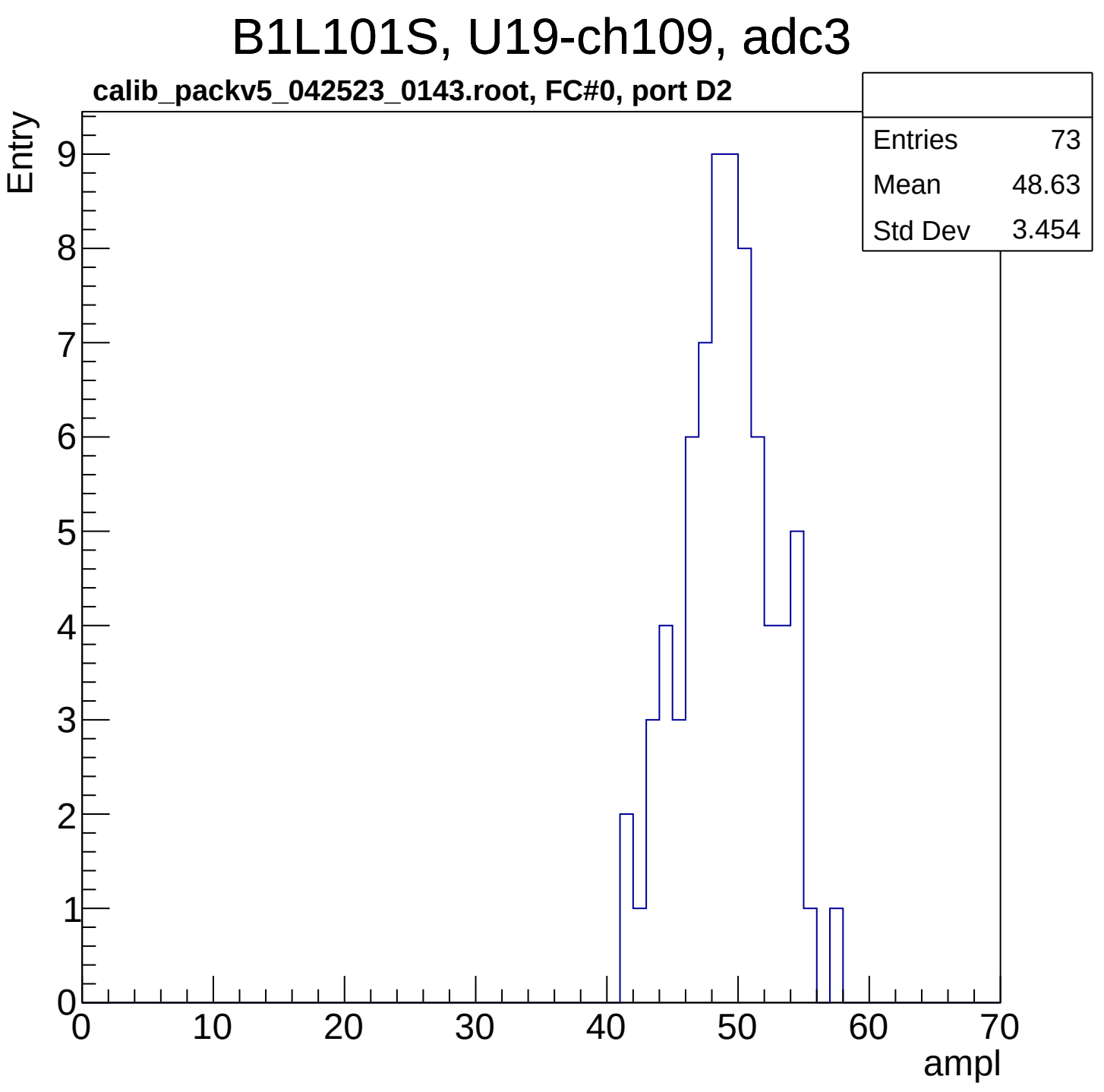
B1L101S, U19-ch109, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 48.63
Std Dev 3.454
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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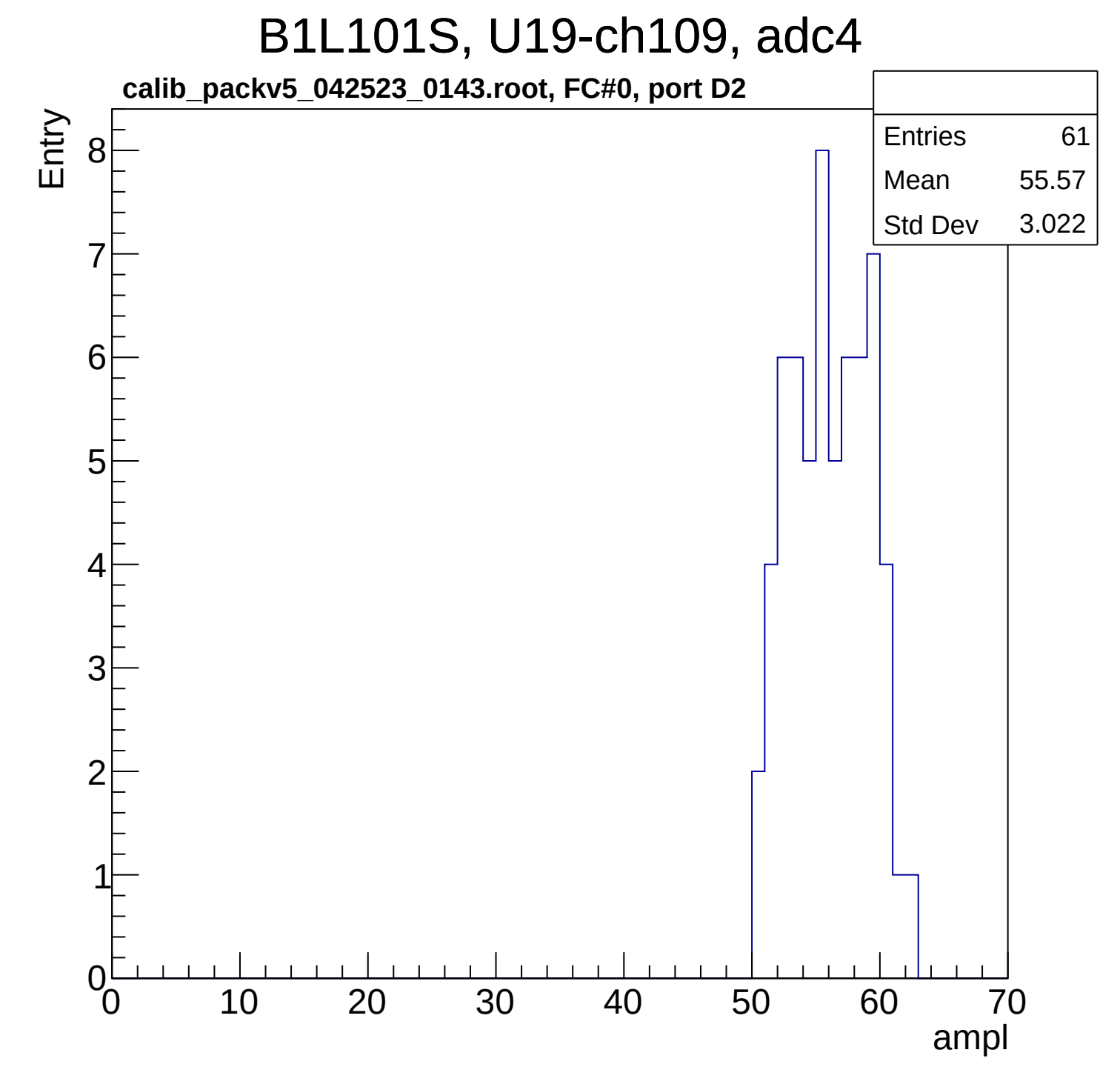
B1L101S, U19-ch109, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 55.57
Std Dev 3.022
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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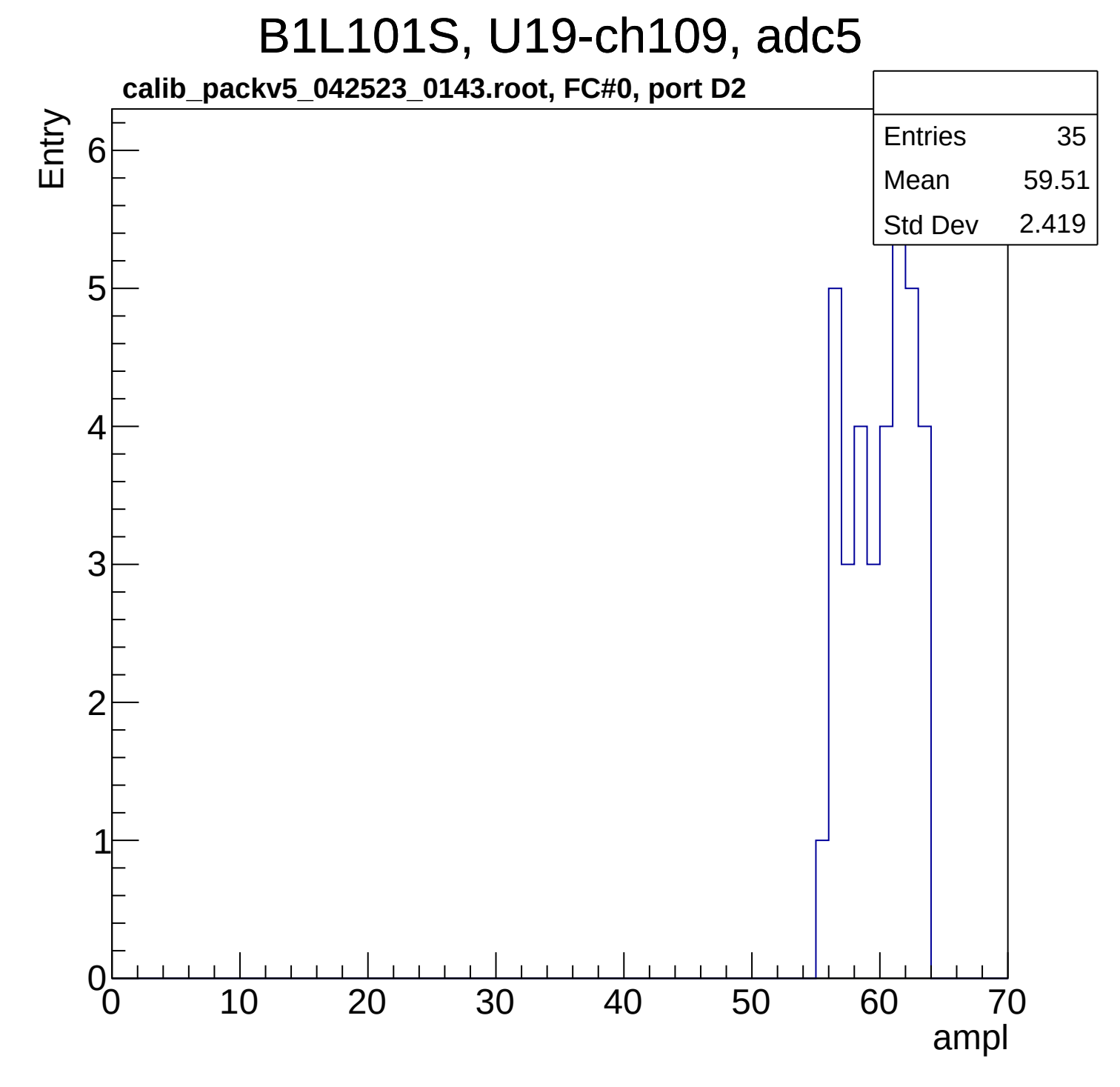
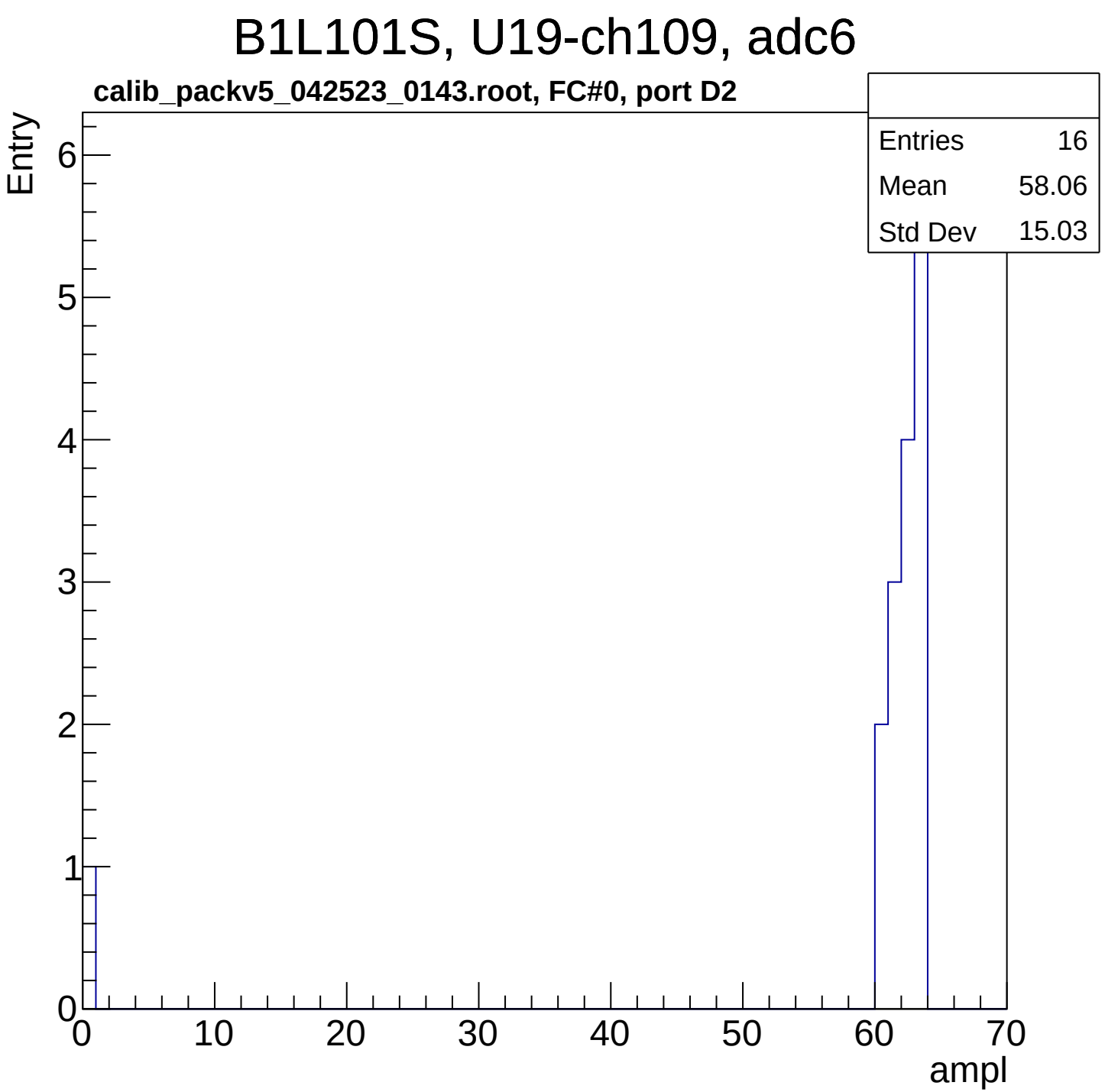
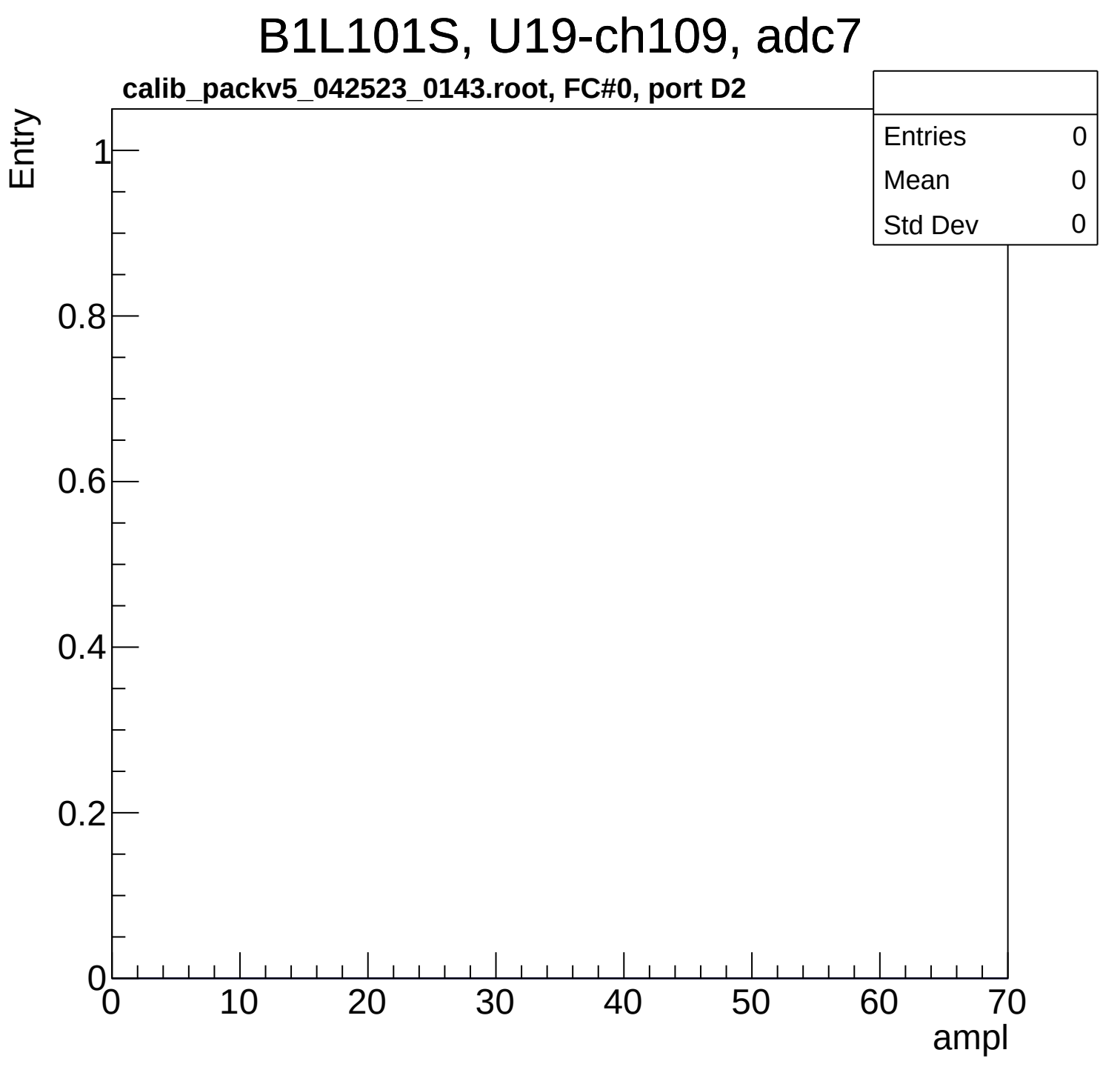
40
50
60
70


B1L101S, U19-ch109, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 59.51
Std Dev 2.419
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch109, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 16
Mean 58.06
Std Dev 15.03
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch109, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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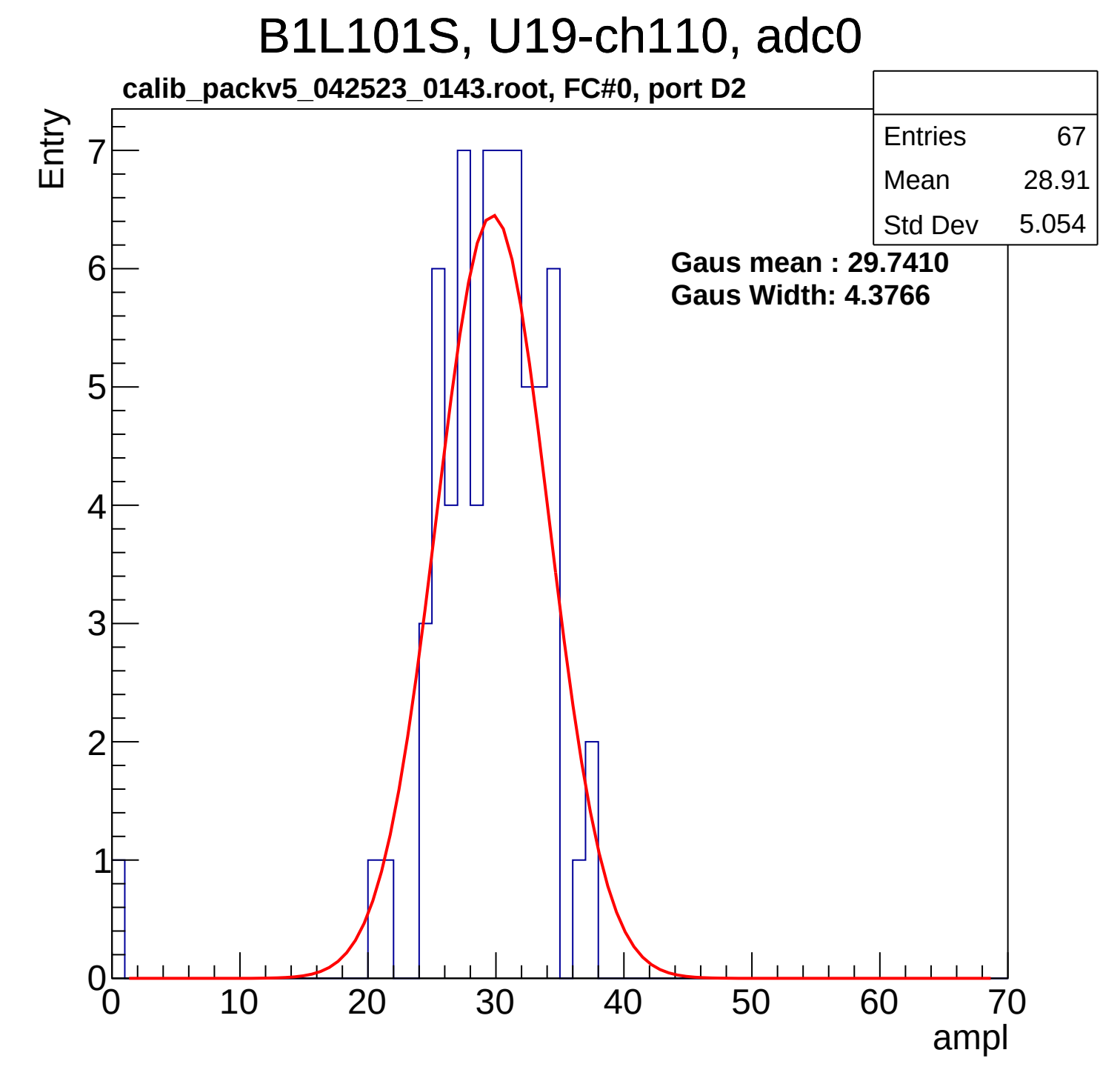
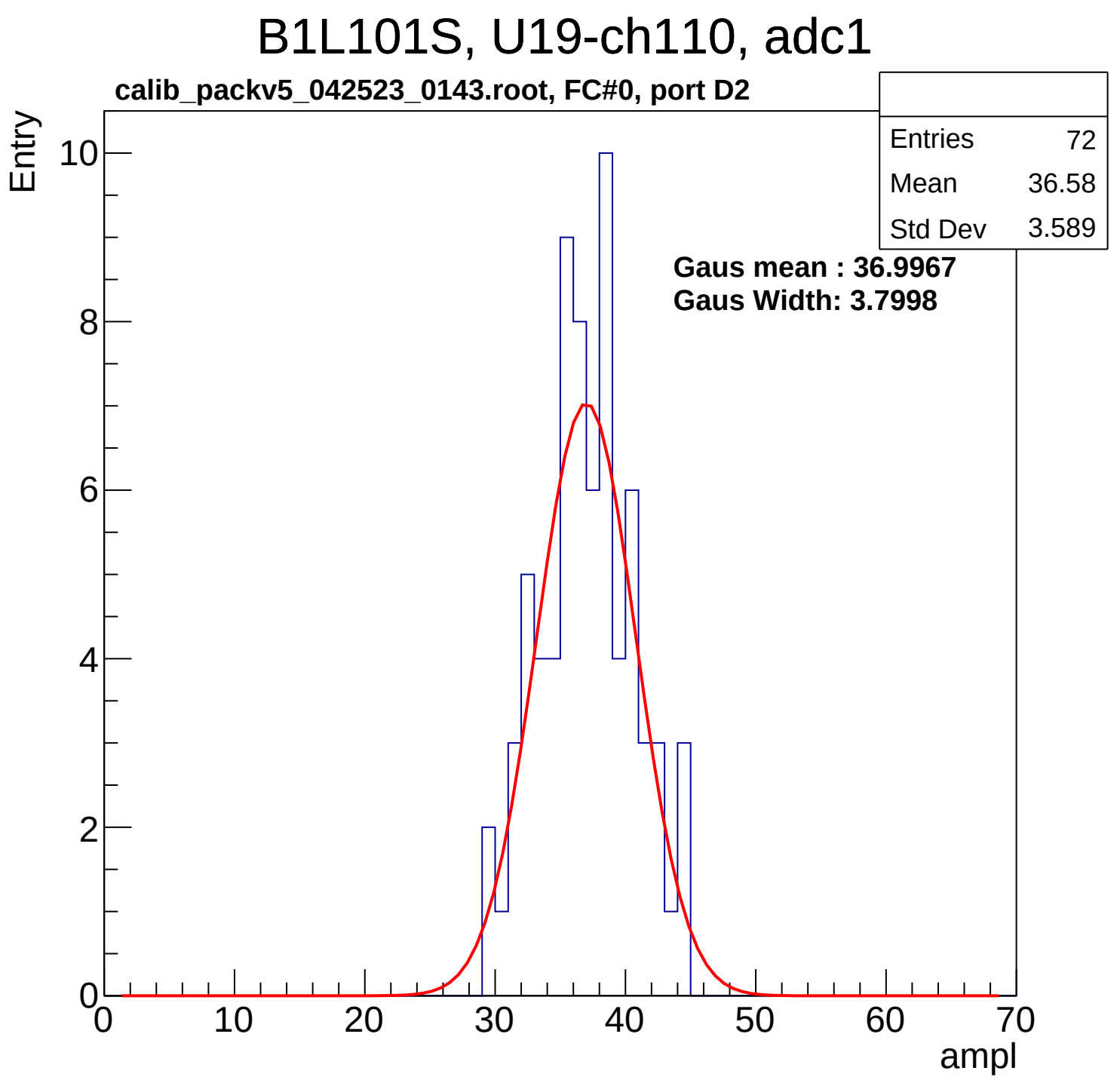
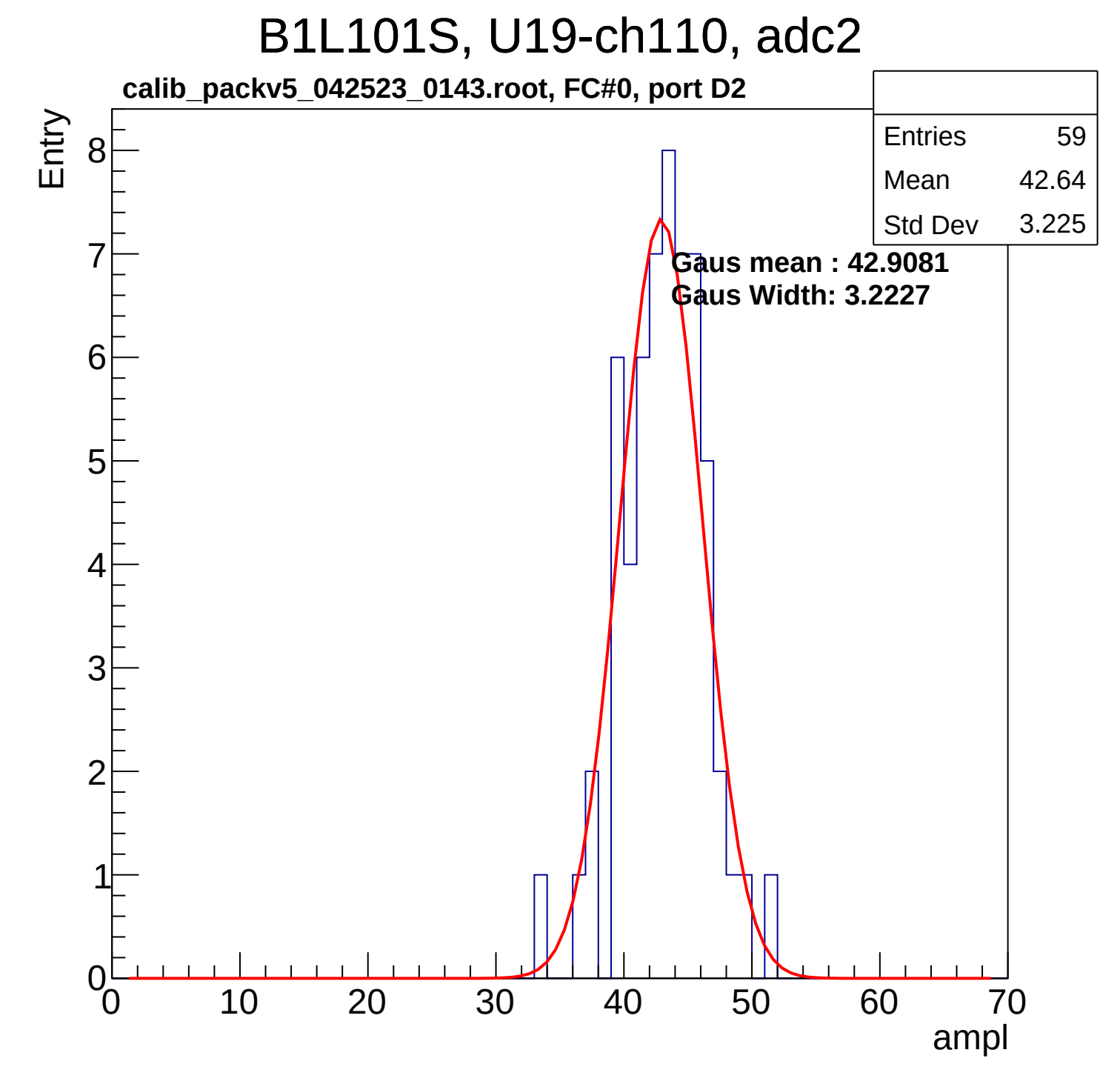
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch110, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 28.91
Std Dev 5.054
Gaus mean : 29.7410
Gaus Width: 4.3766
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch110, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 36.58
Std Dev 3.589
Gaus mean : 36.9967
Gaus Width: 3.7998
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch110, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 42.64
Std Dev 3.225
Gaus mean : 42.9081
Gaus Width: 3.2227
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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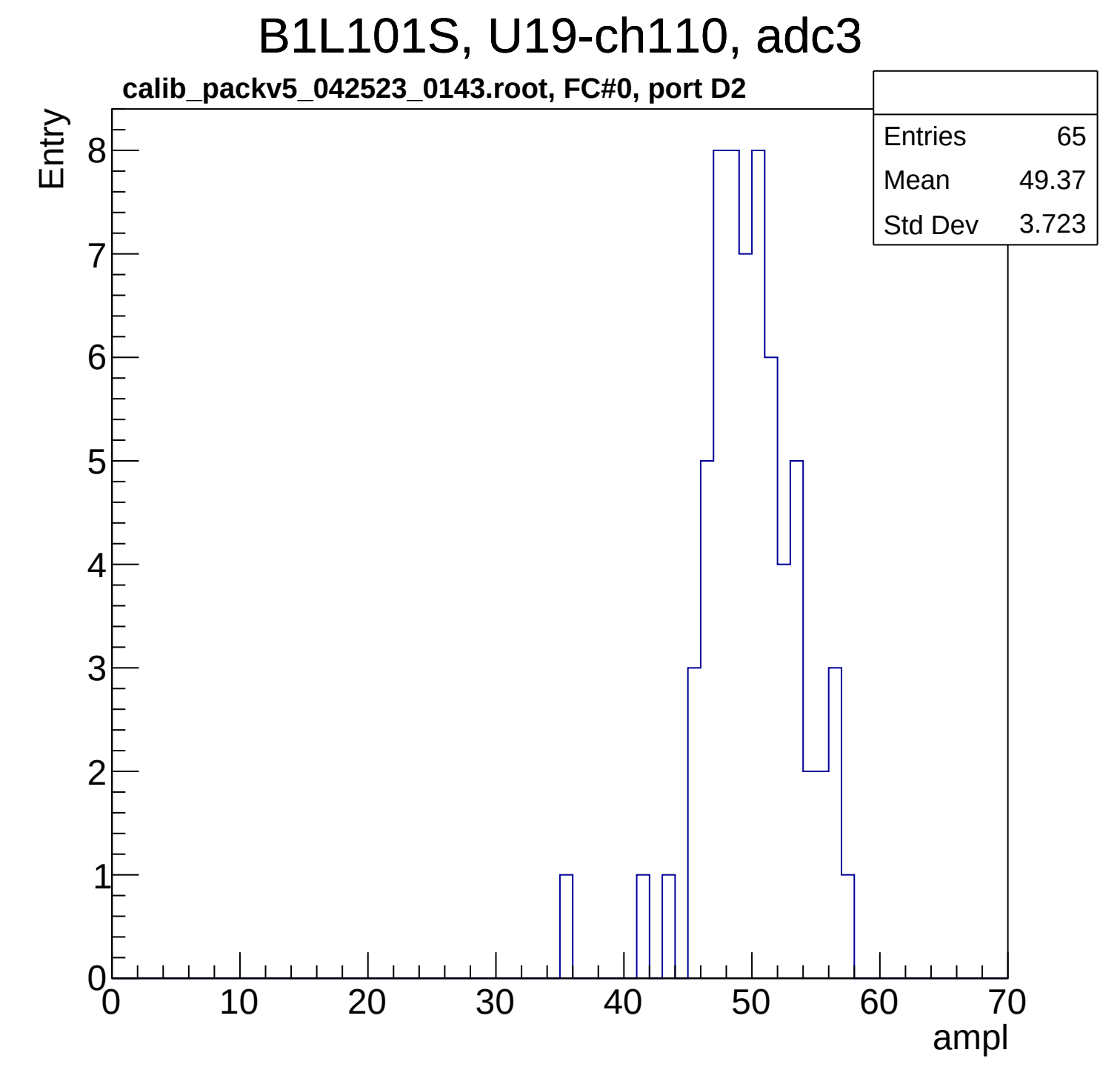
B1L101S, U19-ch110, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 49.37
Std Dev 3.723
Entry
ampl
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0
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60
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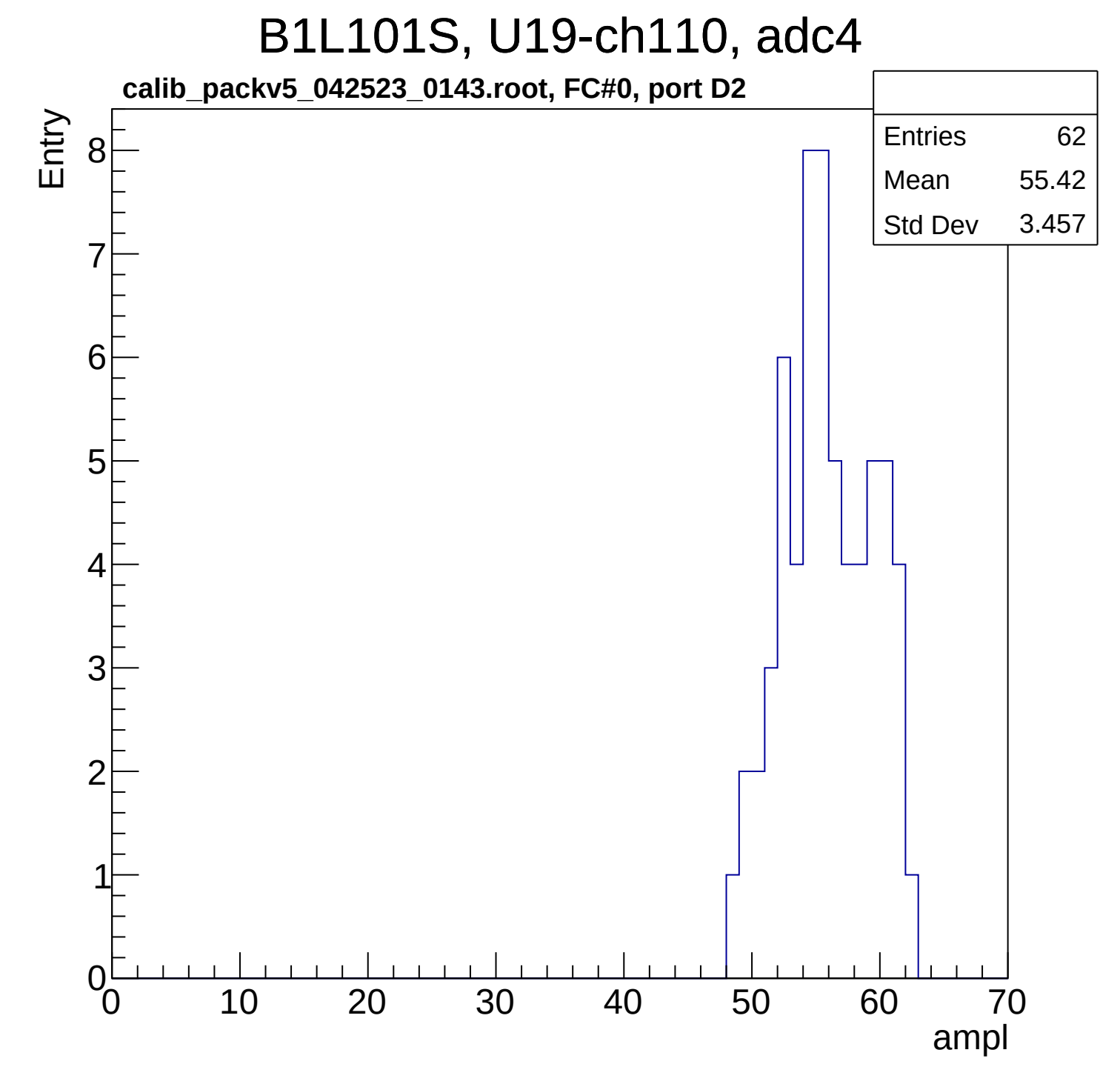
B1L101S, U19-ch110, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 55.42
Std Dev 3.457
Entry
ampl
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2
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4
5
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7
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0
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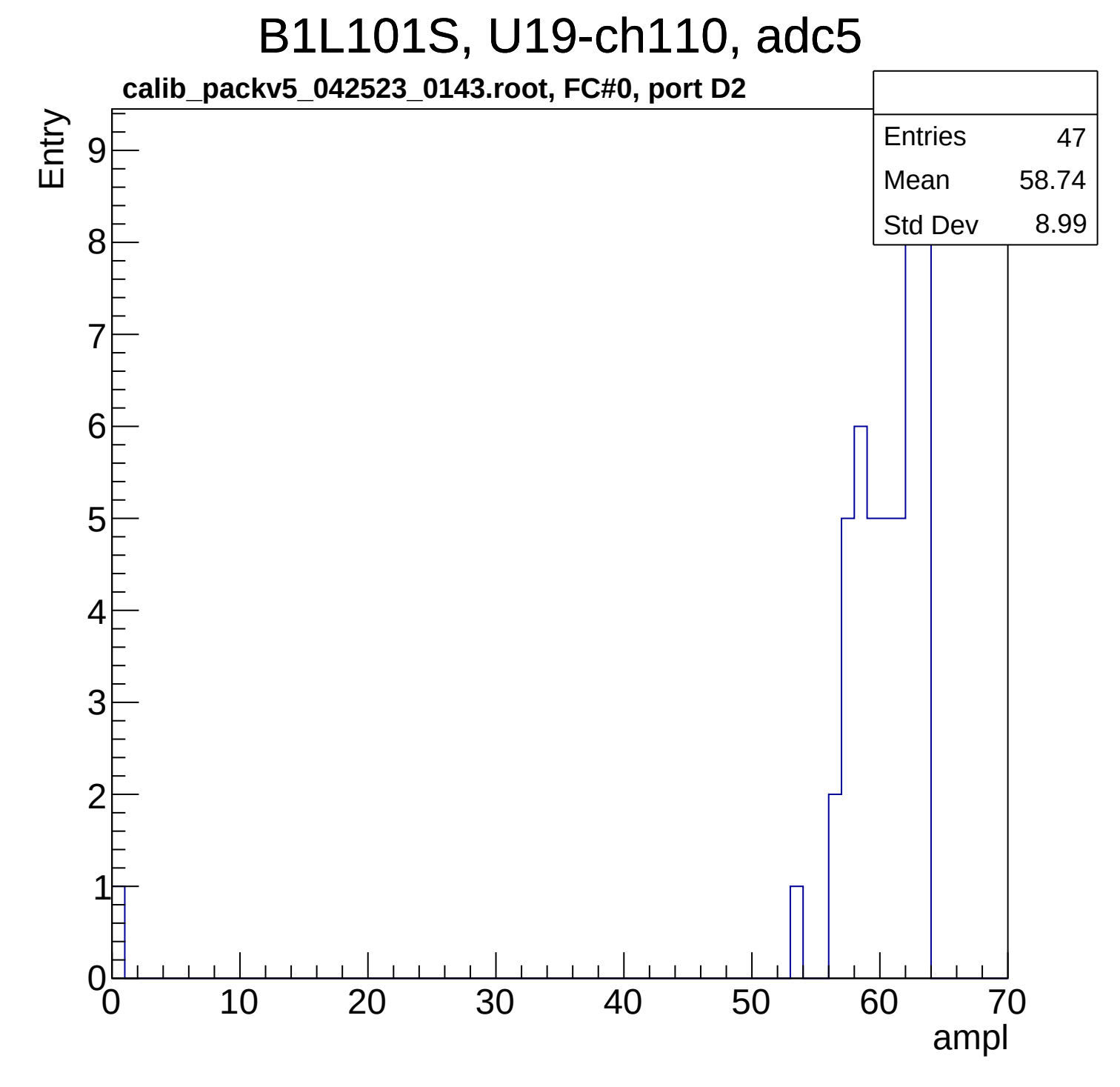
B1L101S, U19-ch110, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 58.74
Std Dev 8.99
Entry
ampl
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3
4
5
6
7
8
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0
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60
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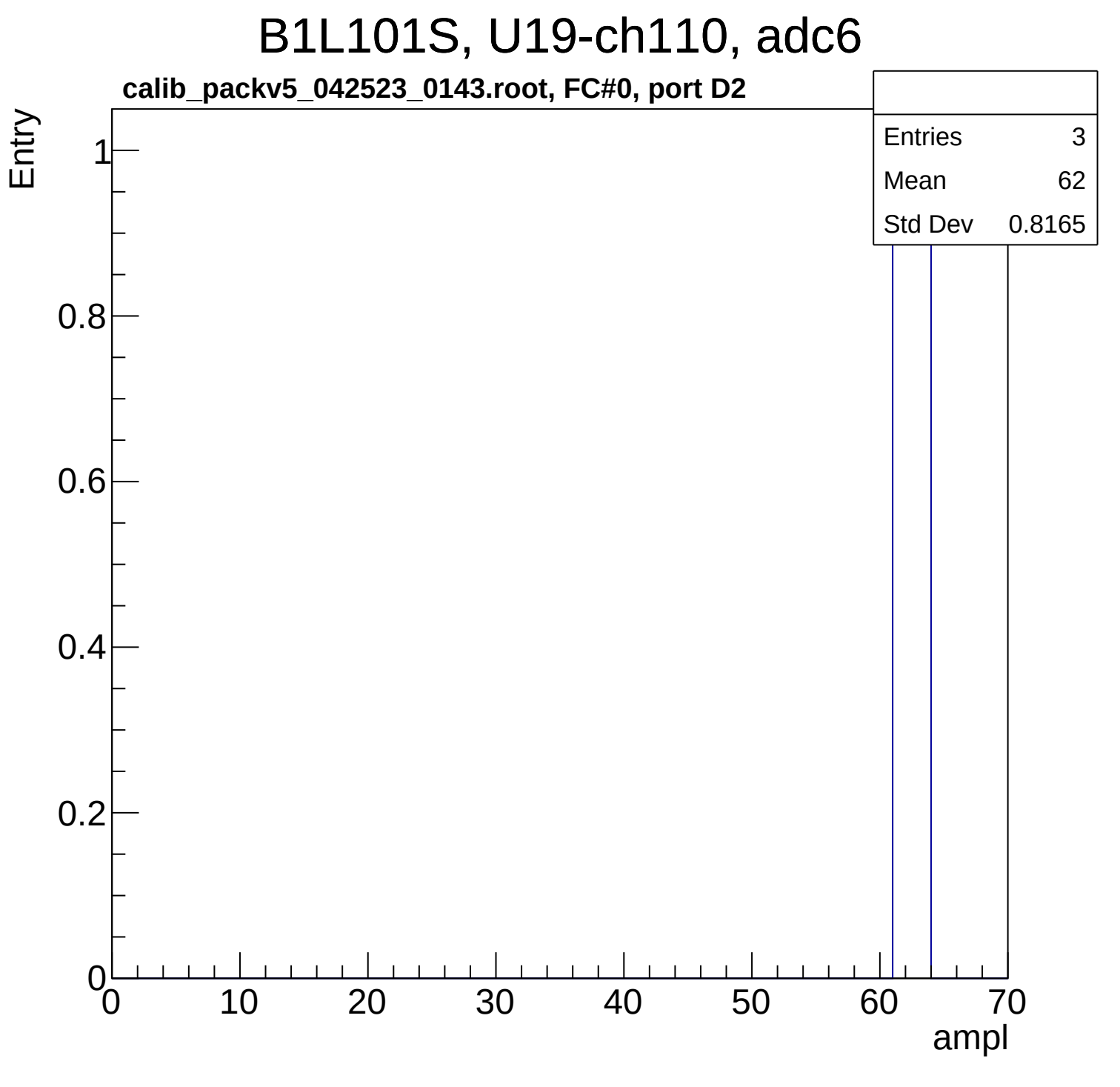
B1L101S, U19-ch110, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62
Std Dev 0.8165
Entry
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0.6
0.4
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0
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10
20
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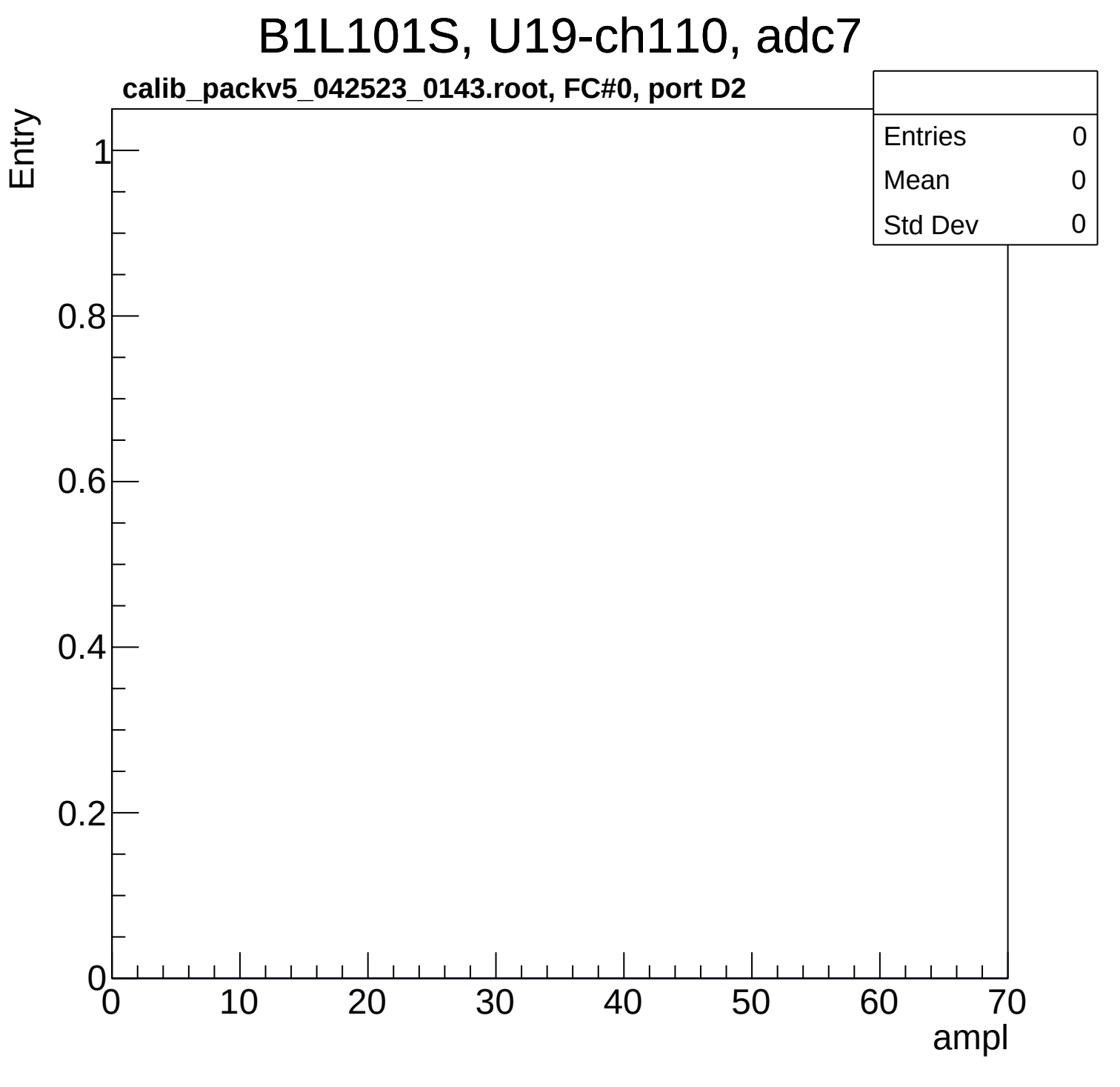
40
50
60
70
ampl


B1L101S, U19-ch110, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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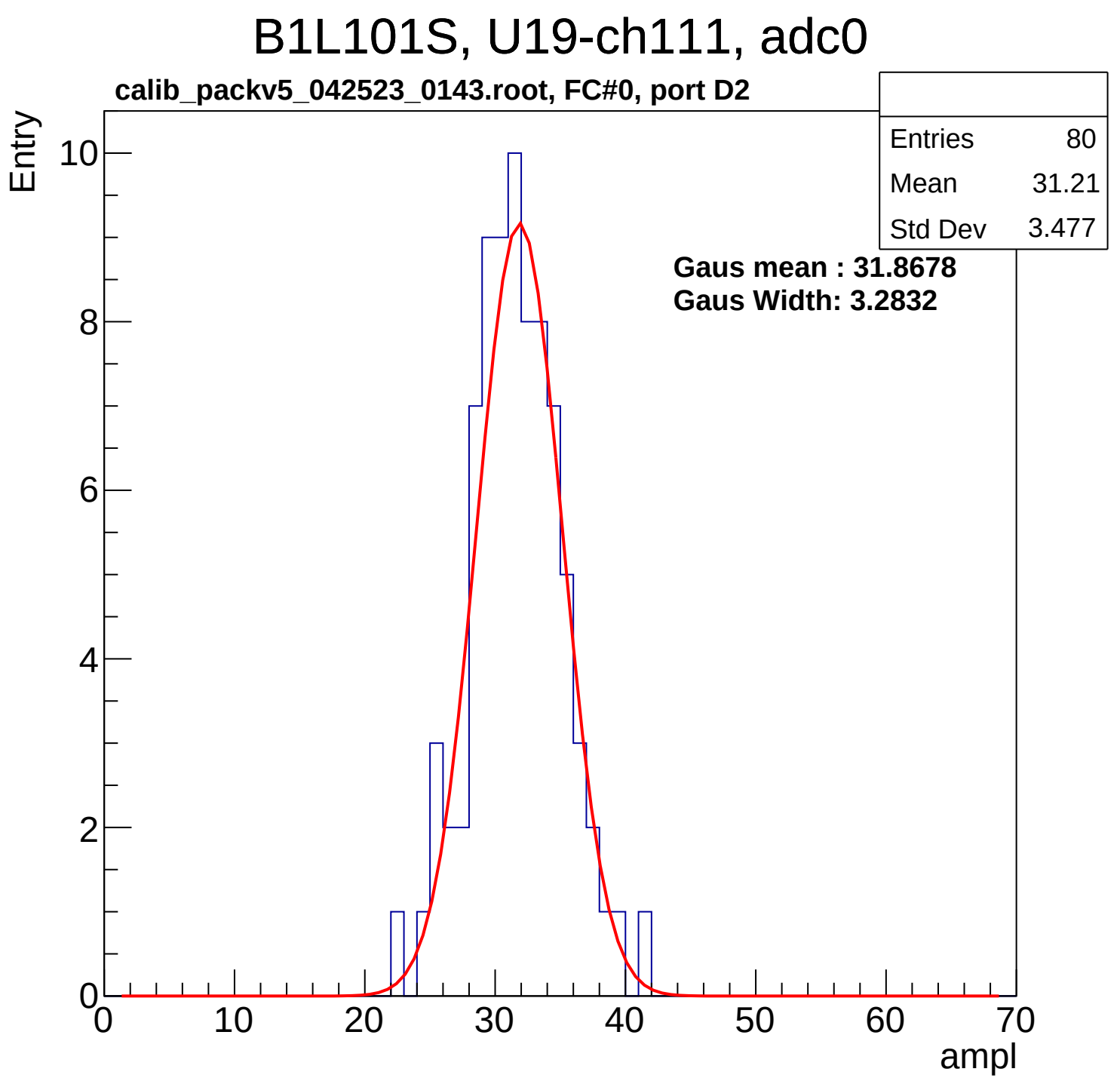
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch111, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 31.21
Std Dev 3.477
Gaus mean : 31.8678
Gaus Width: 3.2832
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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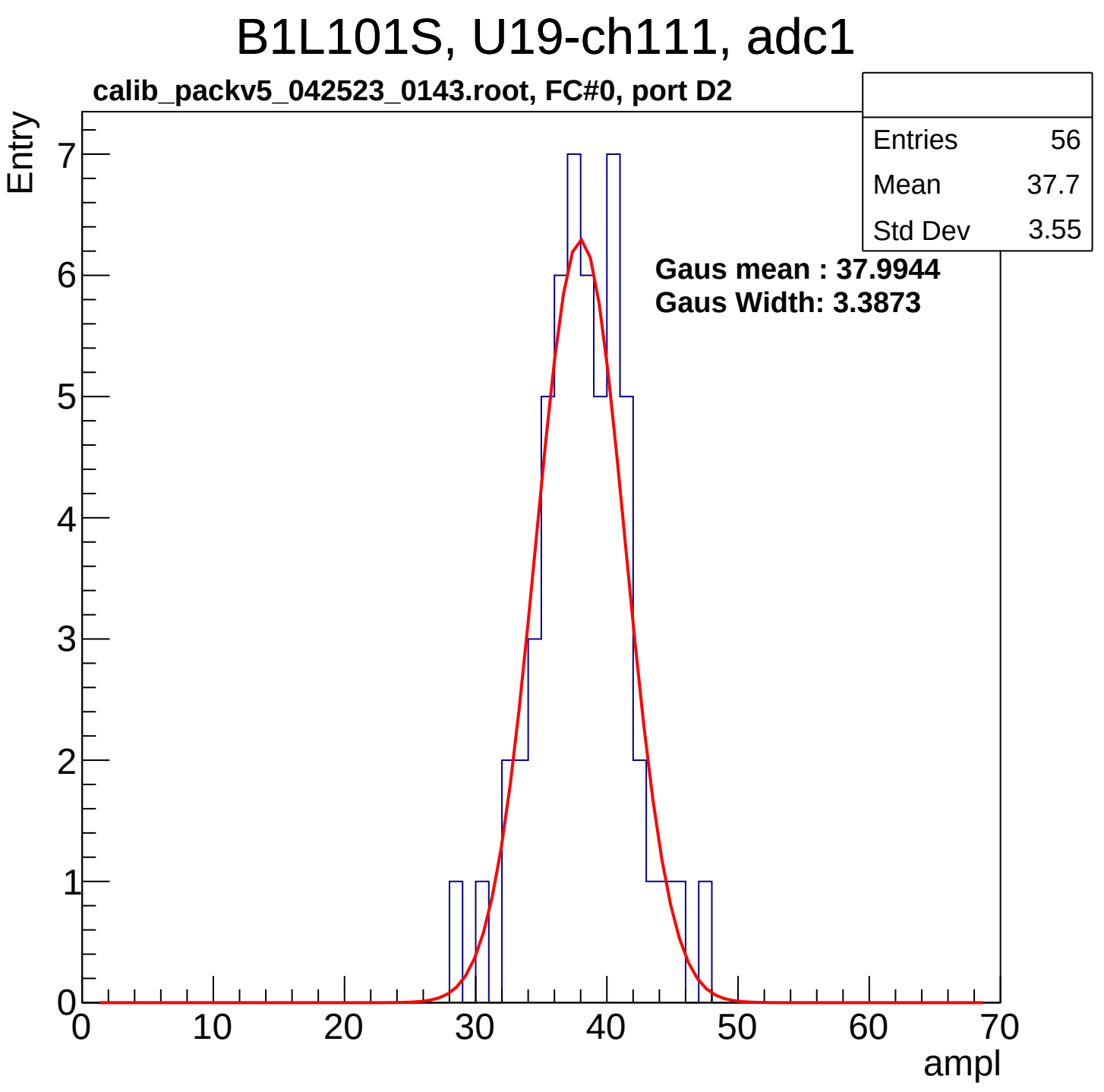
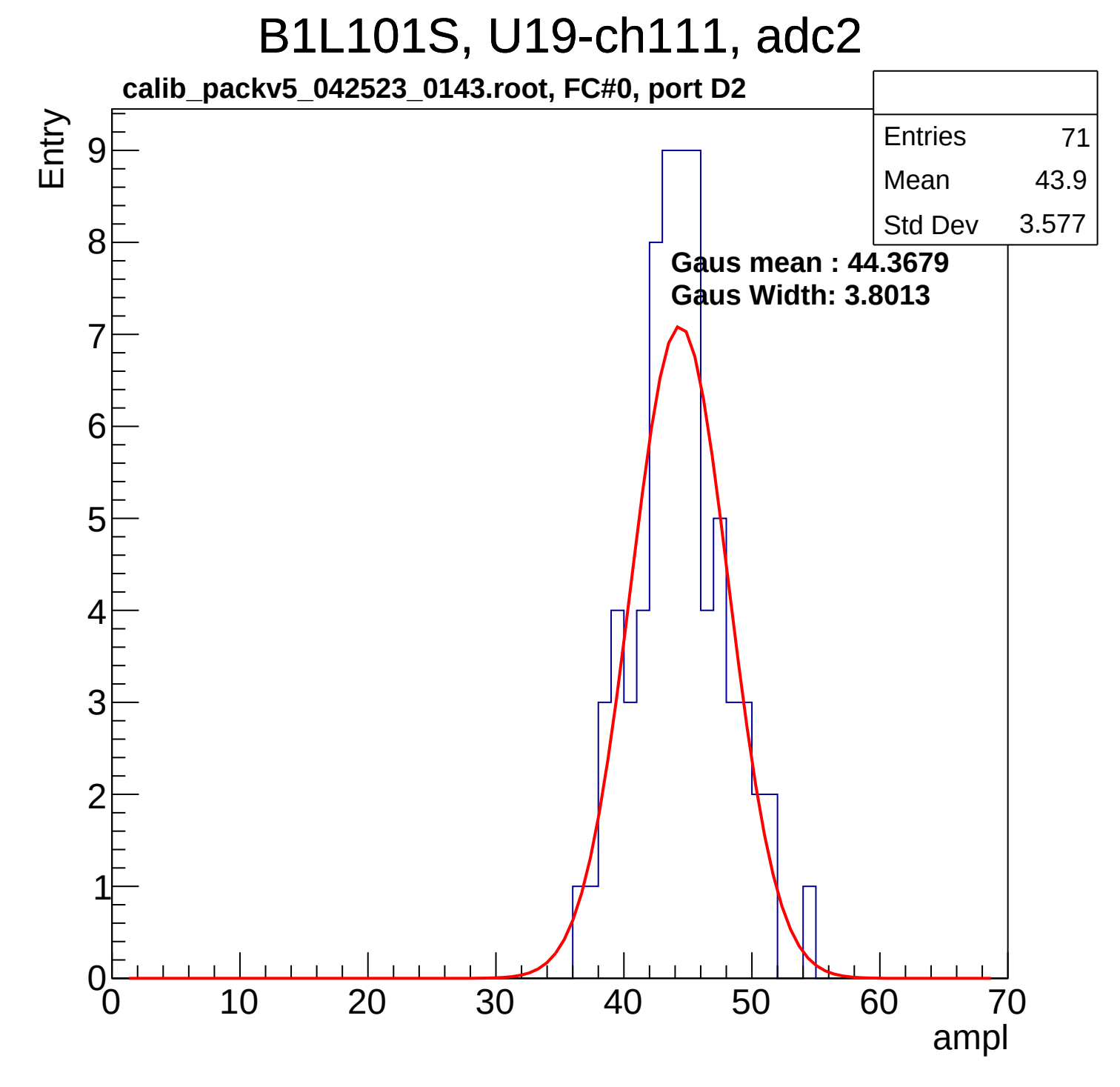

B1L101S, U19-ch111, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 37.7
Std Dev 3.55
Gaus mean : 37.9944
Gaus Width: 3.3873
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch111, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 43.9
Std Dev 3.577
Gaus mean : 44.3679
Gaus Width: 3.8013
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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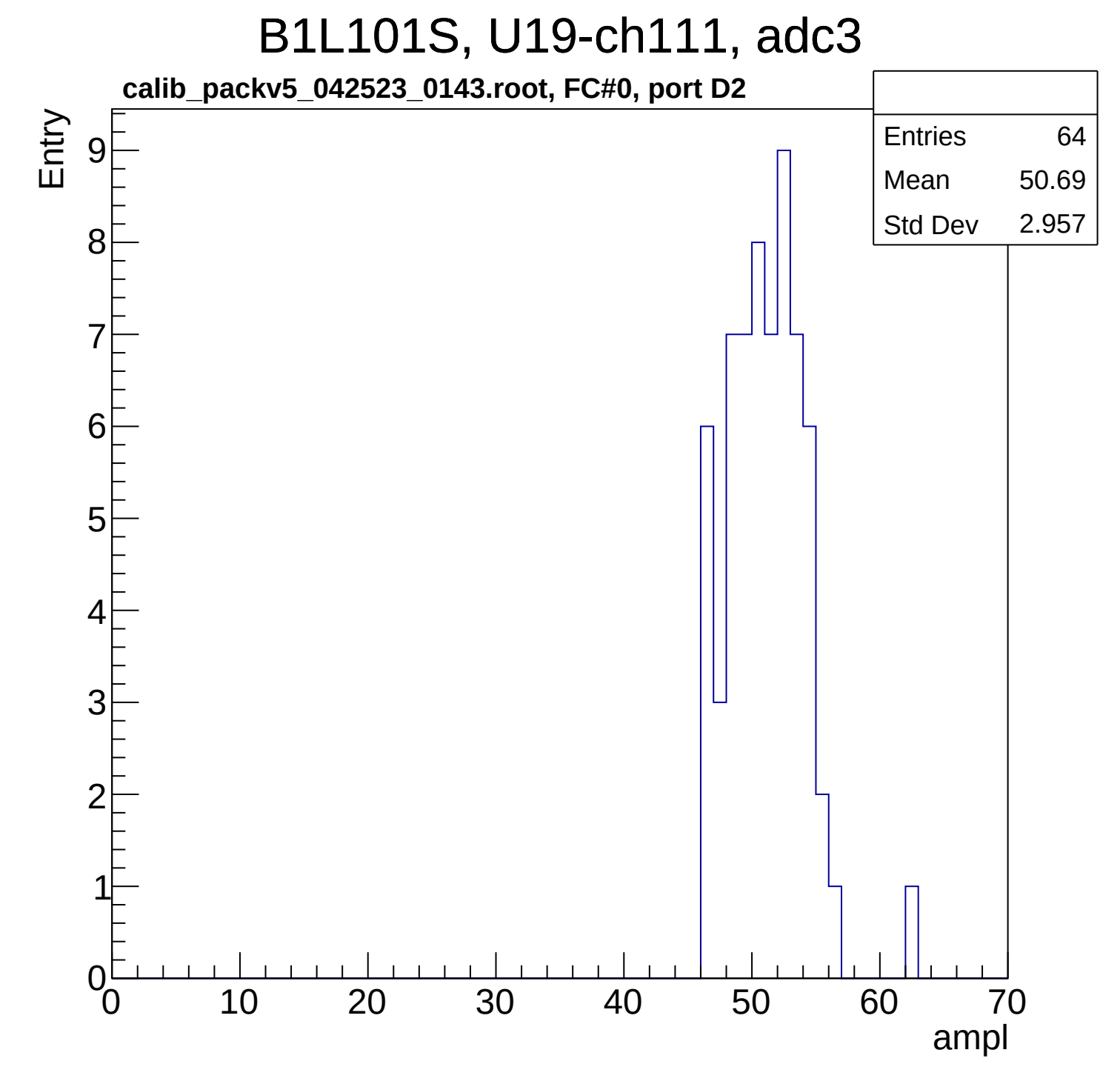
B1L101S, U19-ch111, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 50.69
Std Dev 2.957
Entry
ampl
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2
3
4
5
6
7
8
9
0
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50
60
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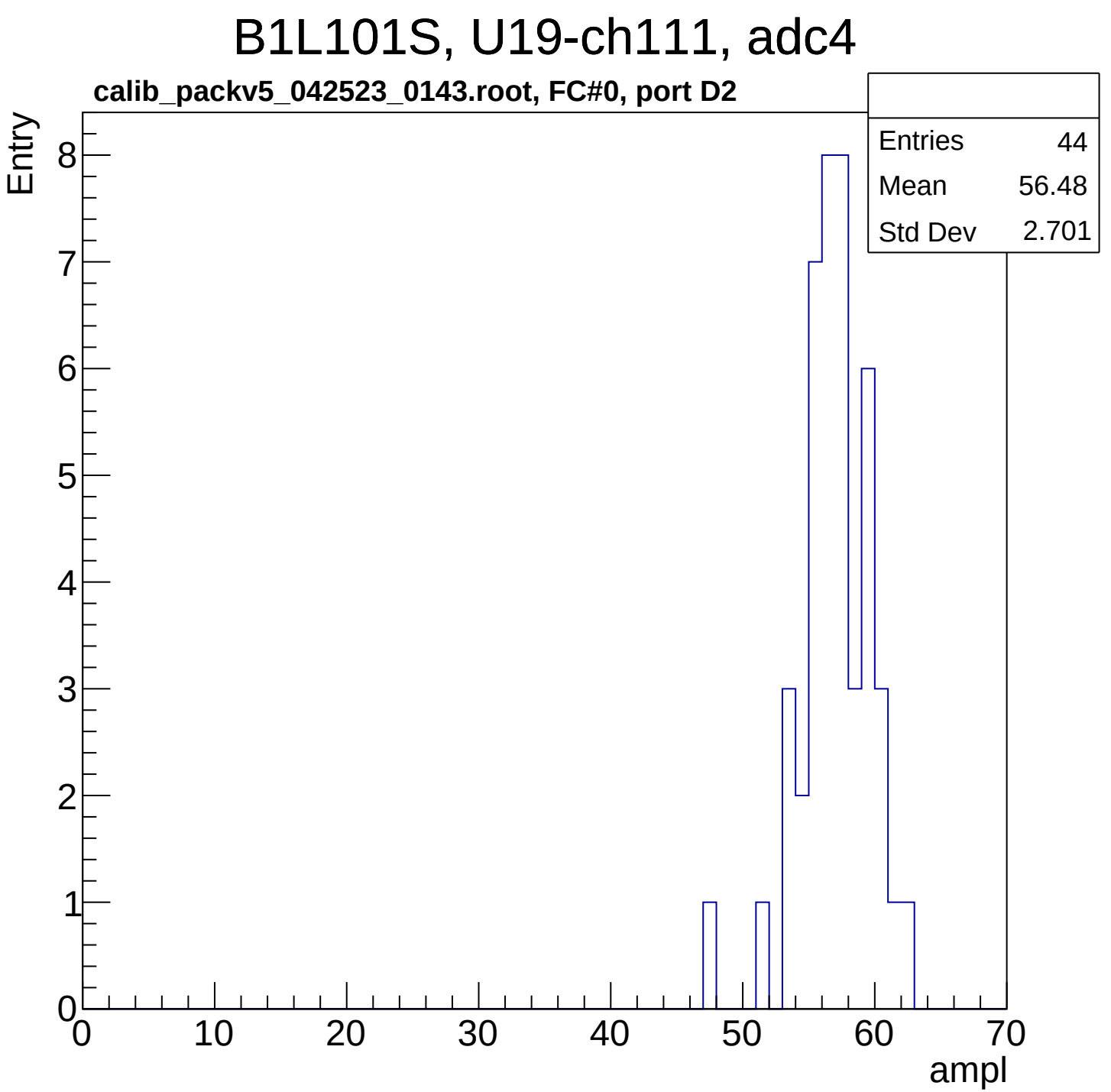
B1L101S, U19-ch111, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 56.48
Std Dev 2.701
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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60
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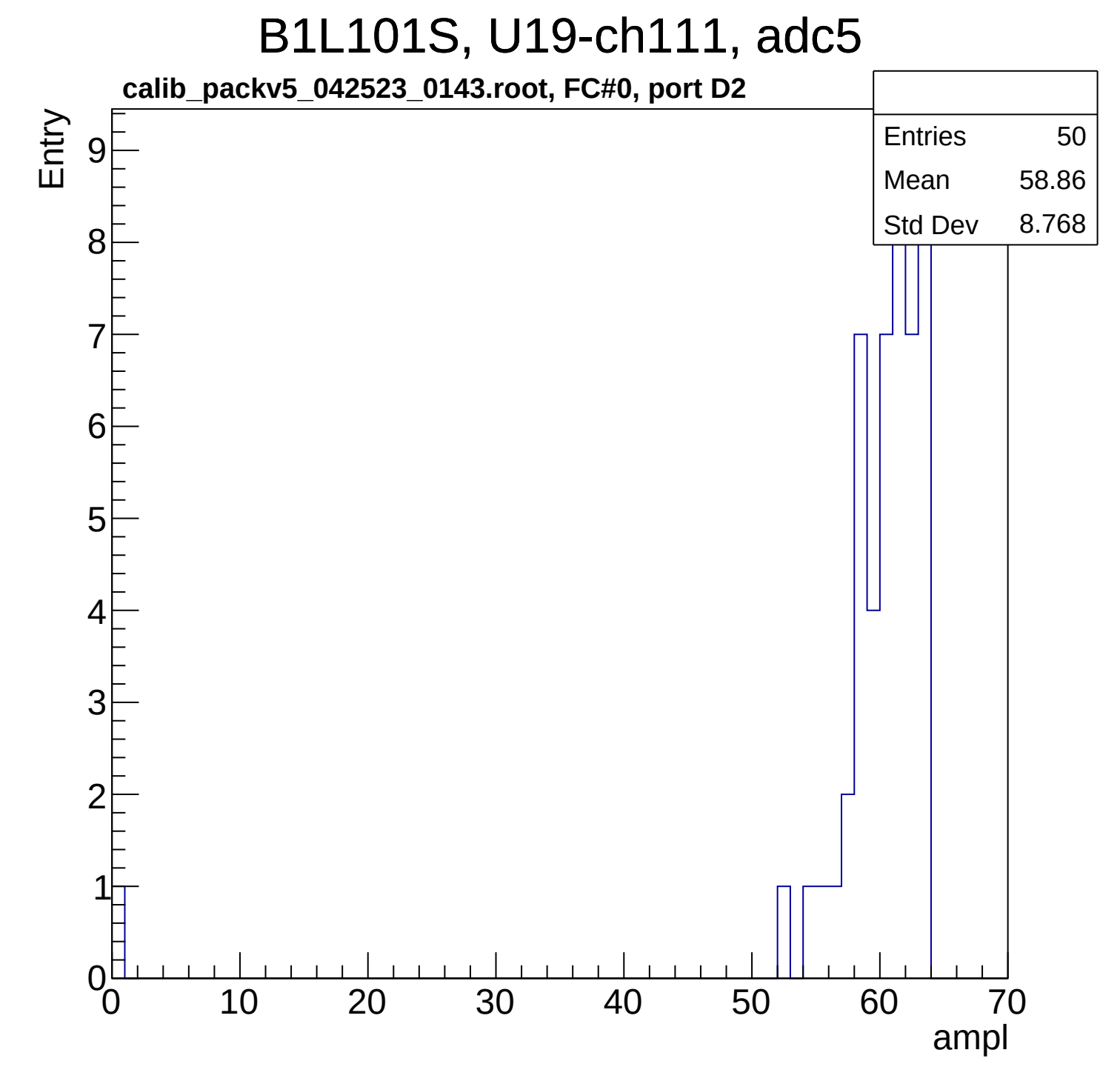
B1L101S, U19-ch111, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 58.86
Std Dev 8.768
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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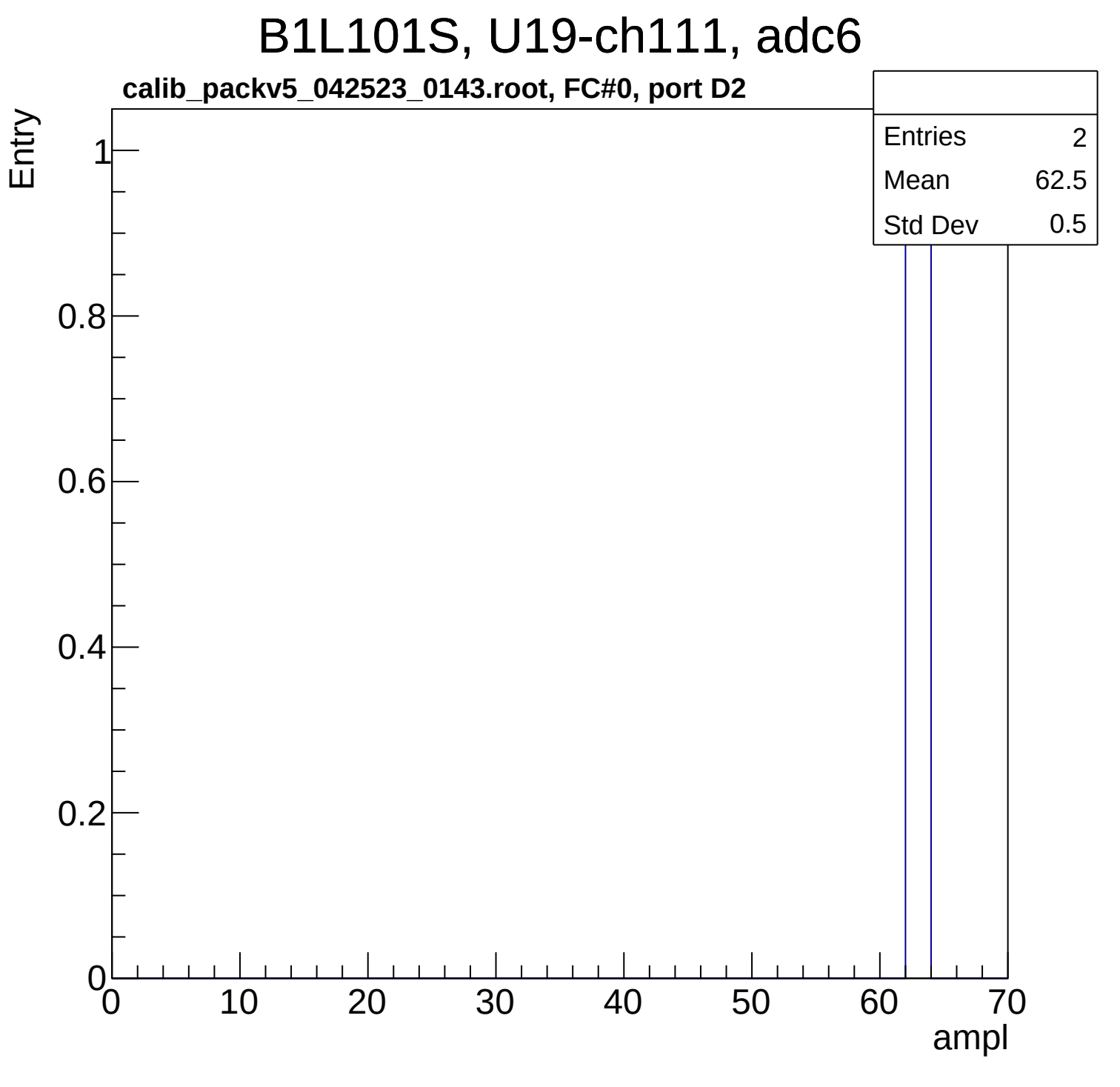
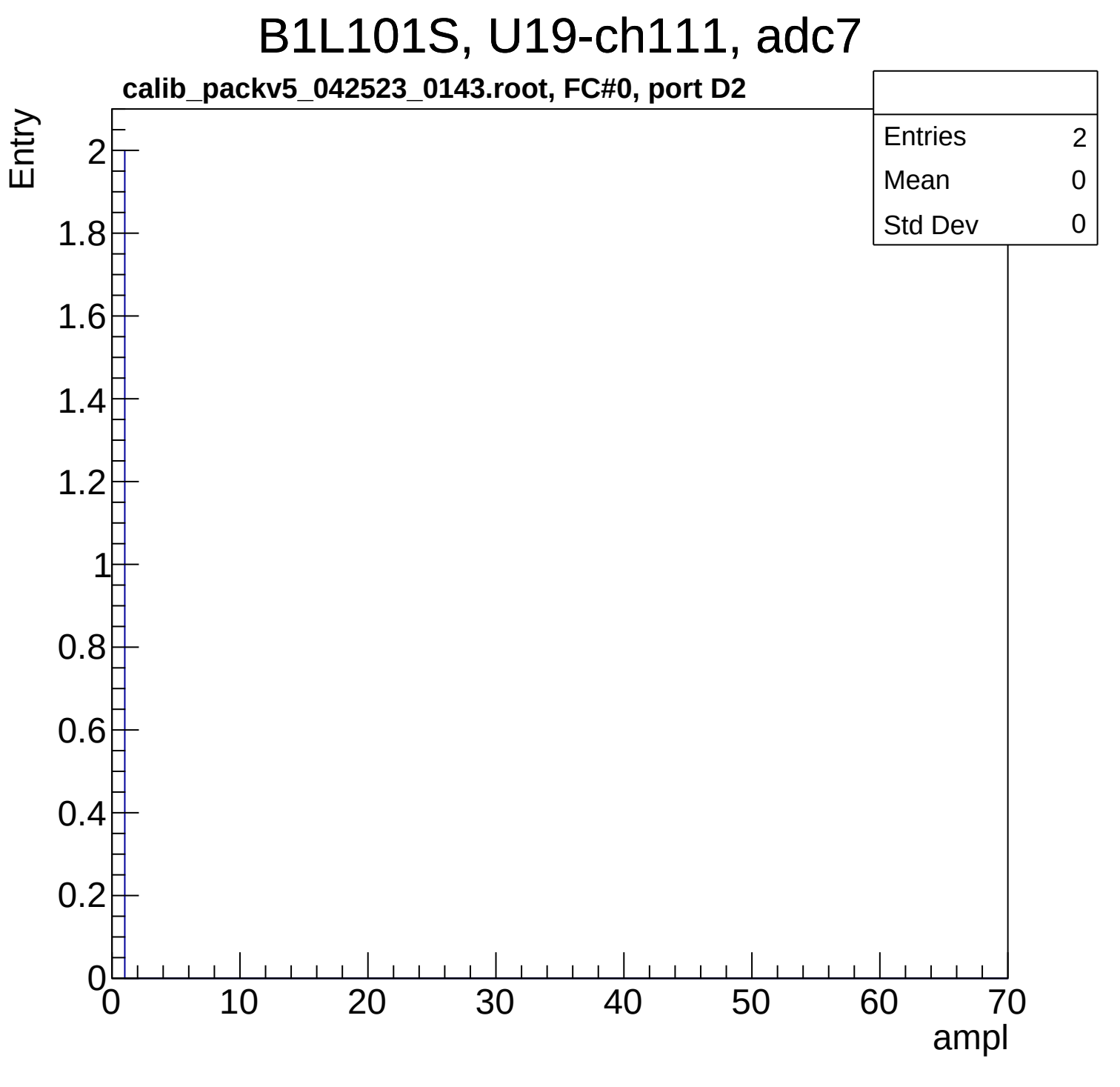

B1L101S, U19-ch111, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch111, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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60
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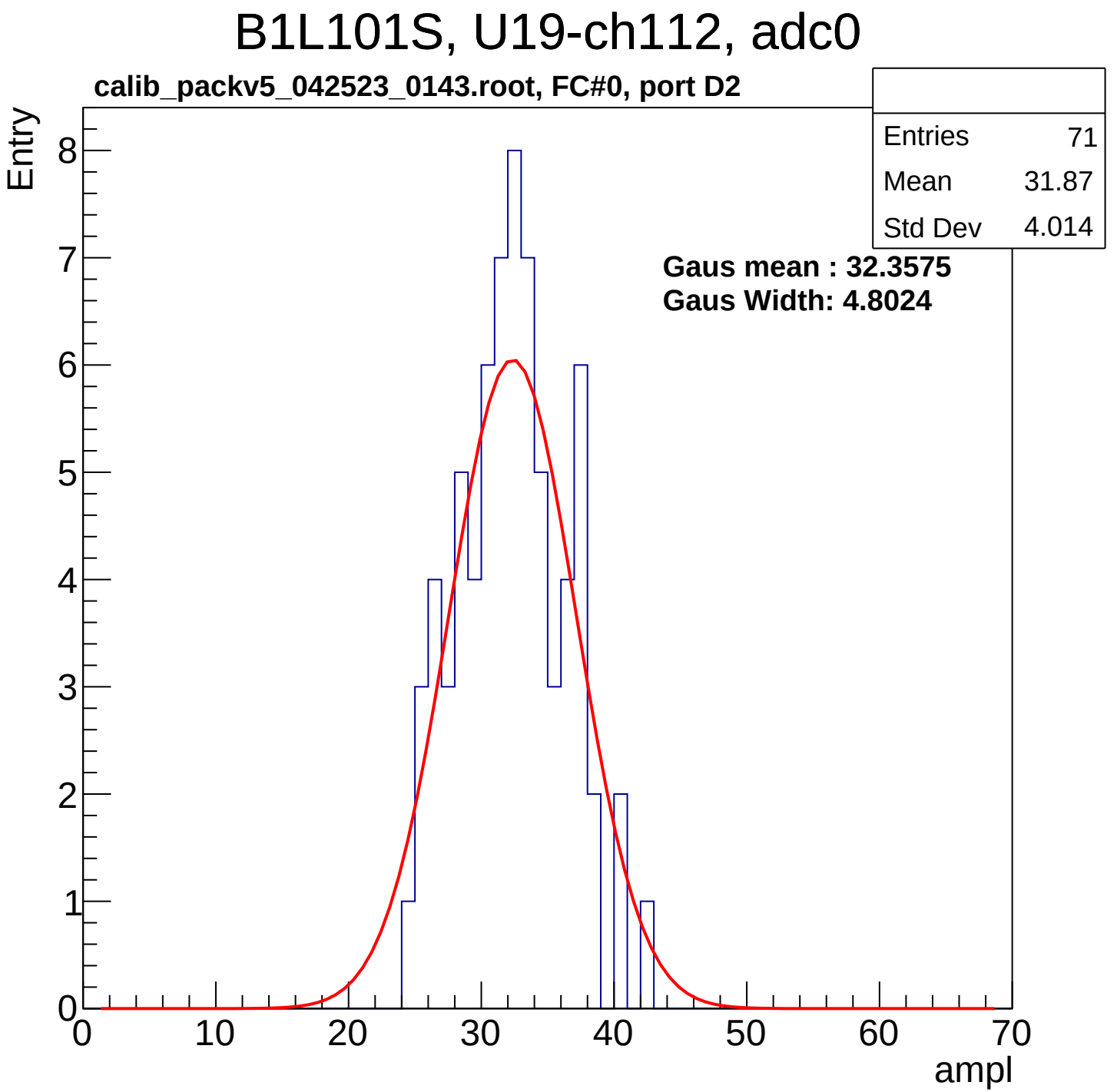
B1L101S, U19-ch112, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 31.87
Std Dev 4.014
Gaus mean : 32.3575
Gaus Width: 4.8024
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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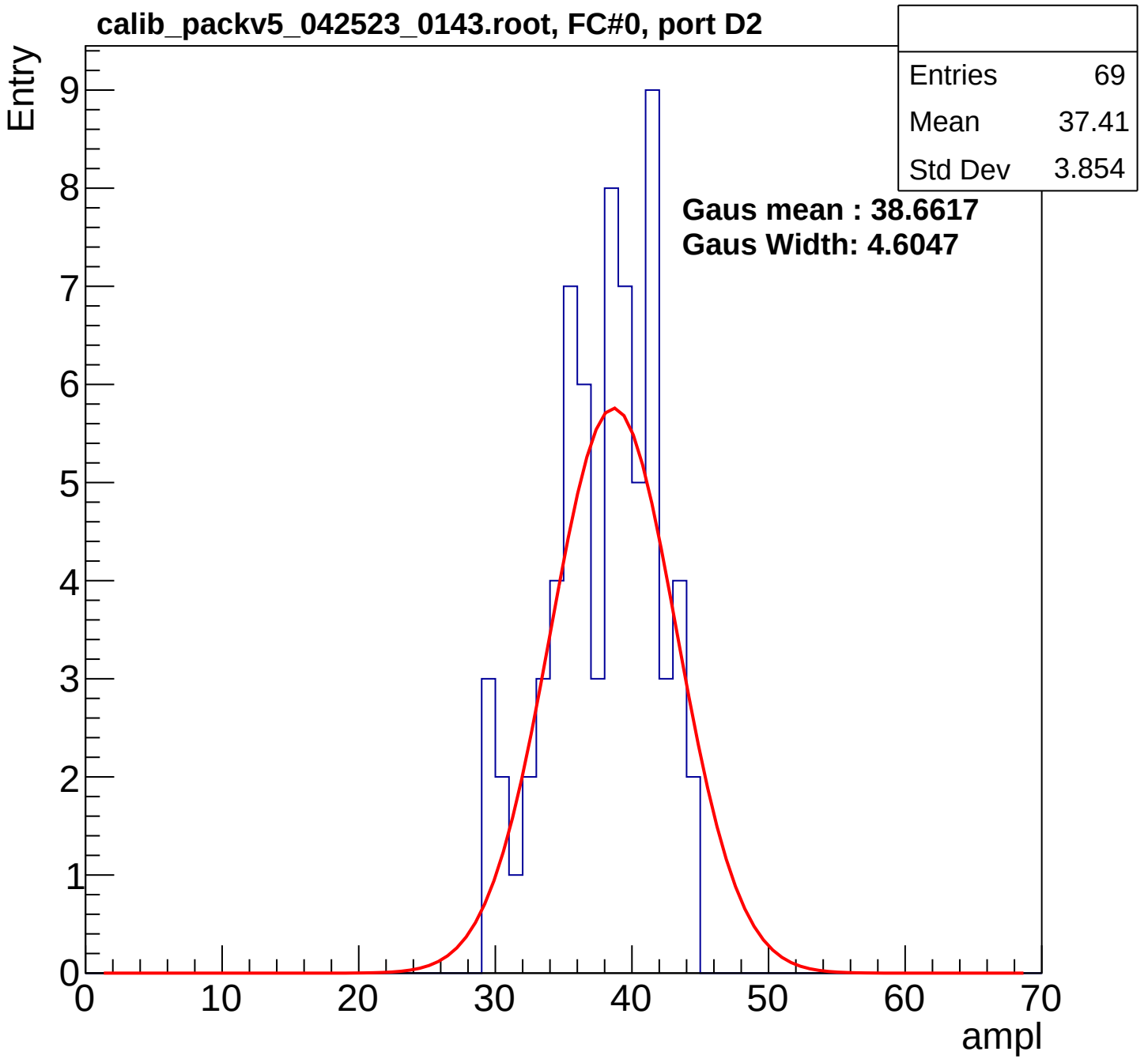
B1L101S, U19-ch112, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 37.41
Std Dev 3.854
Gaus mean : 38.6617
Gaus Width: 4.6047
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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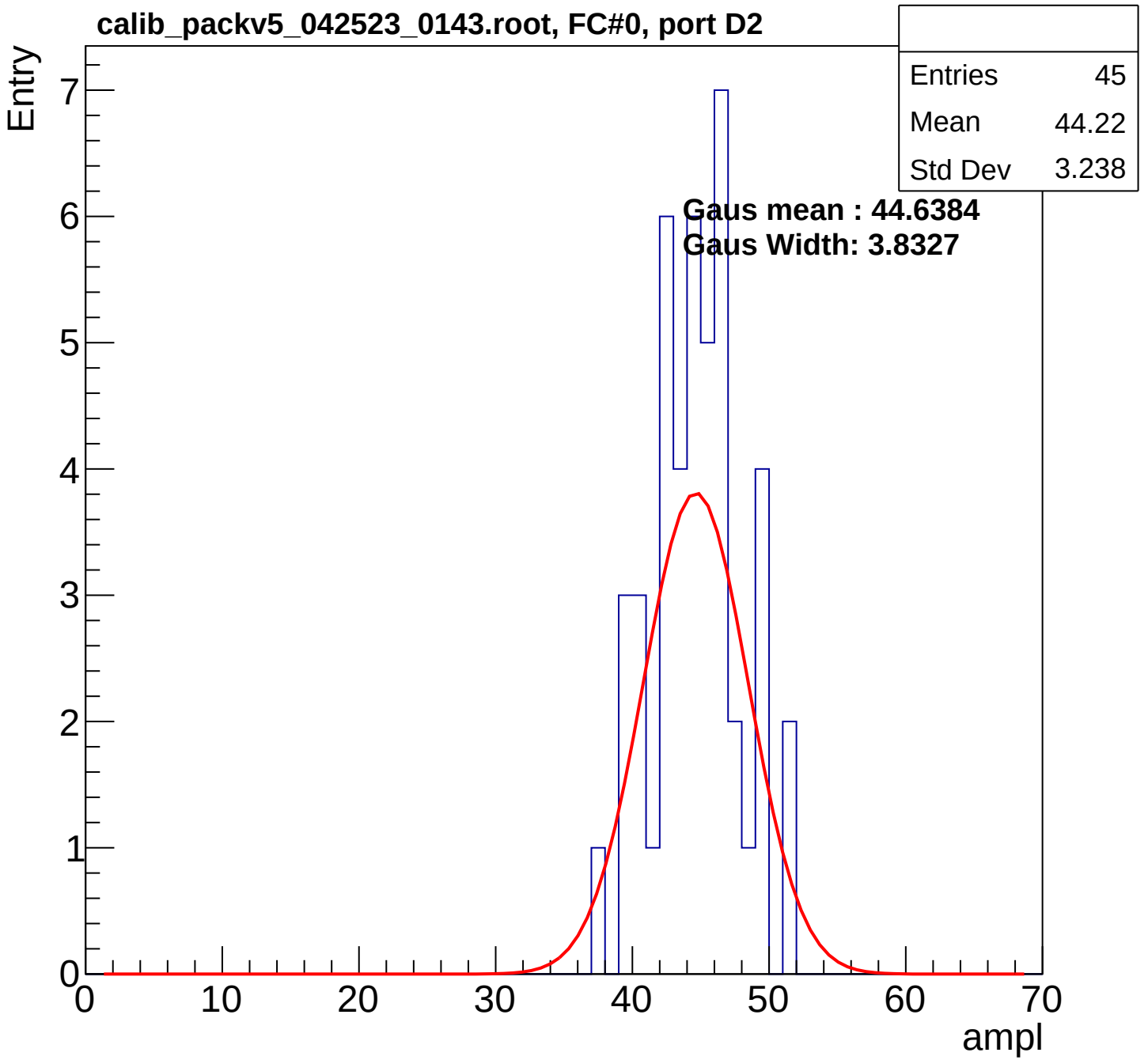
B1L101S, U19-ch112, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 44.22
Std Dev 3.238
Gaus mean : 44.6384
Gaus Width: 3.8327
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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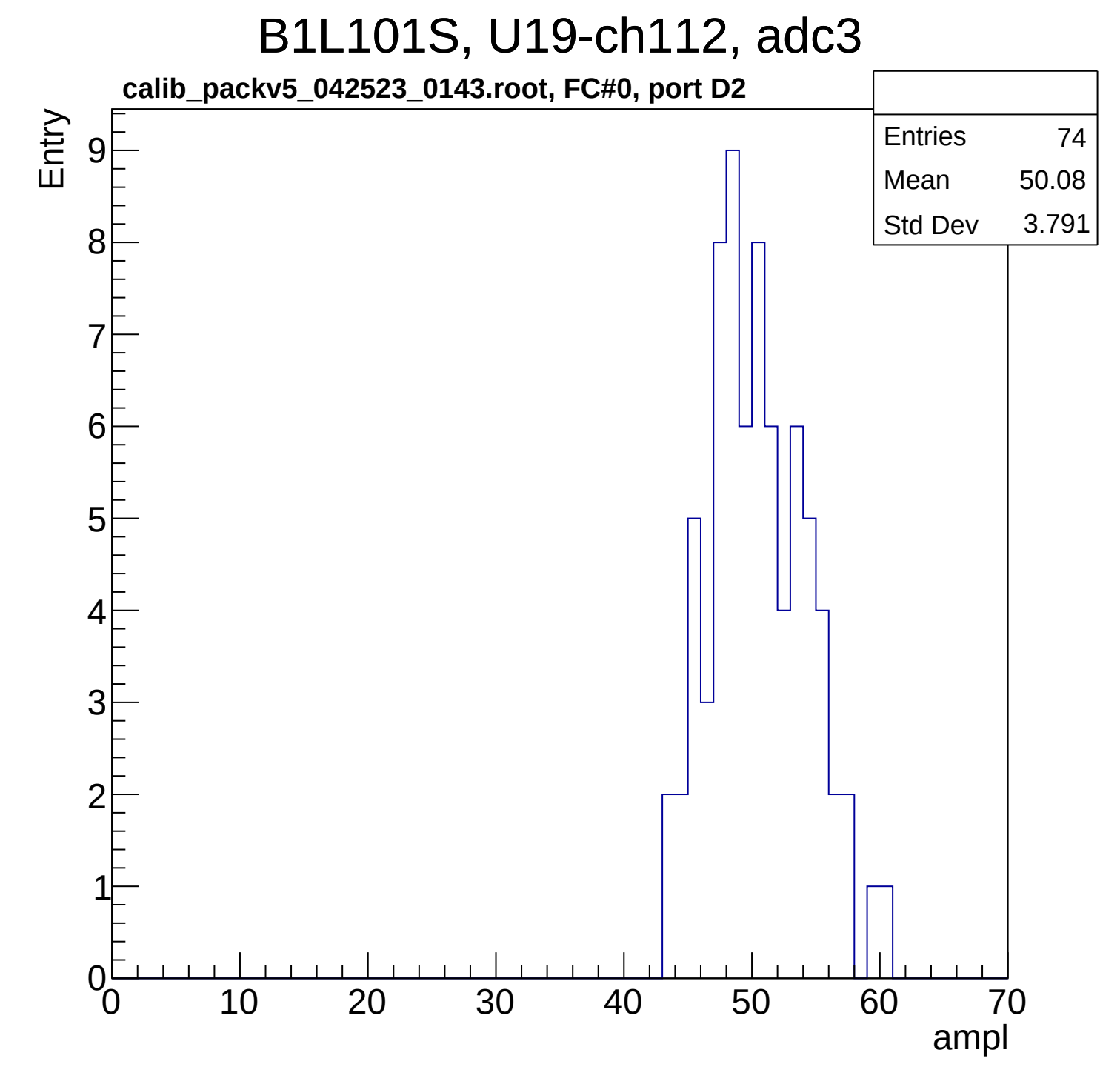
B1L101S, U19-ch112, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 50.08
Std Dev 3.791
Entry
ampl
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2
3
4
5
6
7
8
9
0
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30
40
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60
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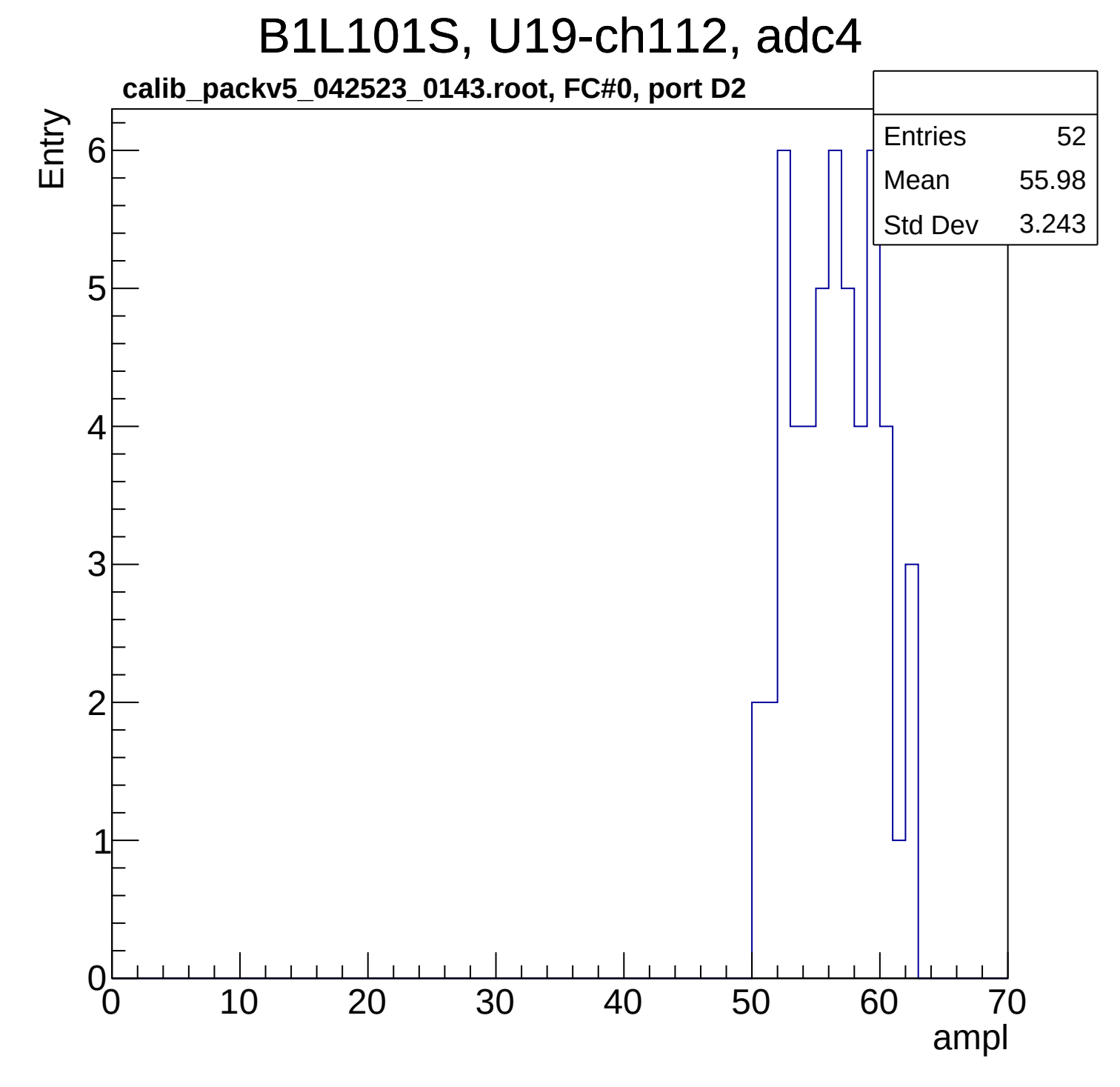
B1L101S, U19-ch112, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 55.98
Std Dev 3.243
Entry
ampl
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2
3
4
5
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0
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60
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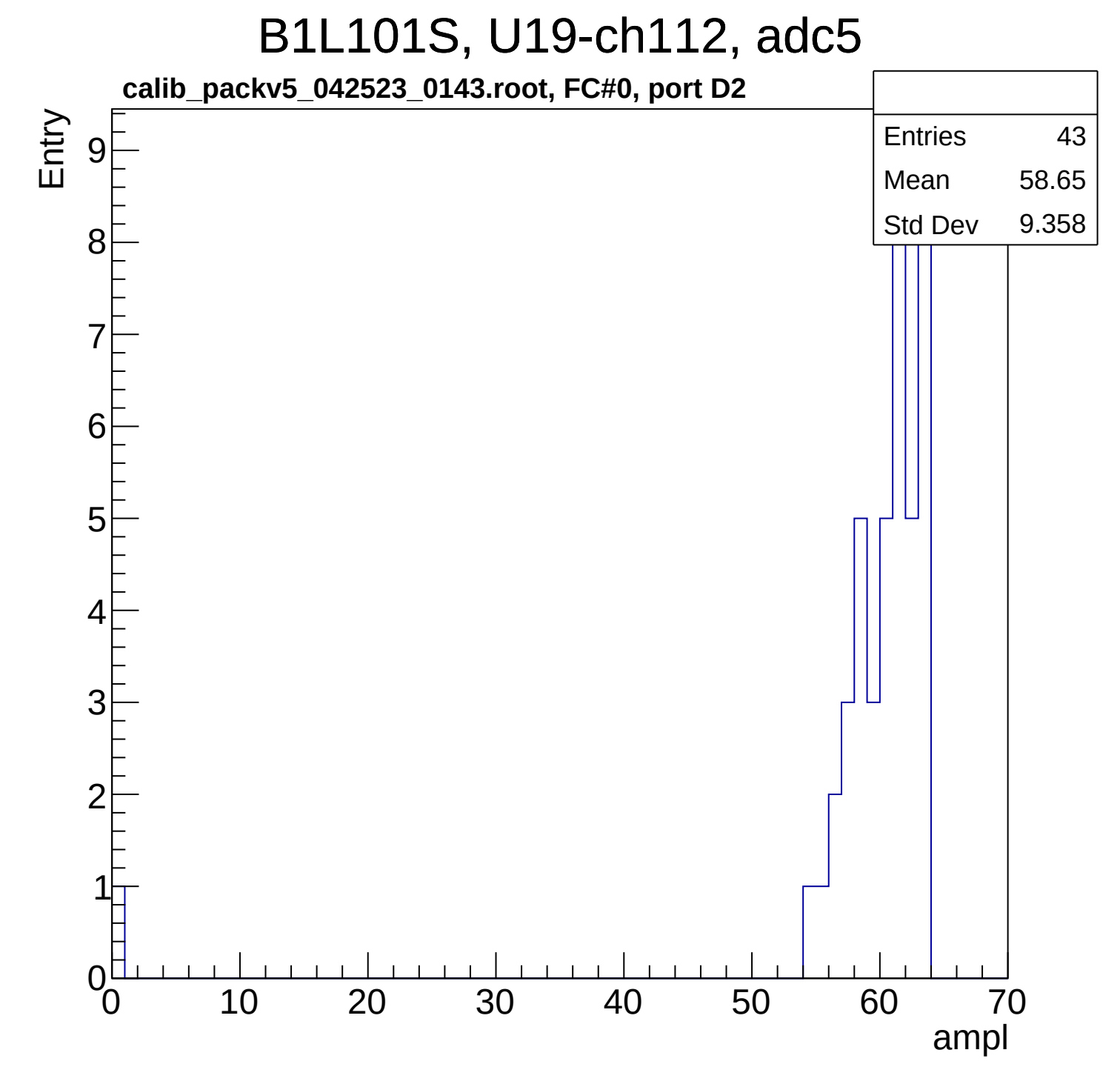
B1L101S, U19-ch112, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 58.65
Std Dev 9.358
Entry
ampl
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60
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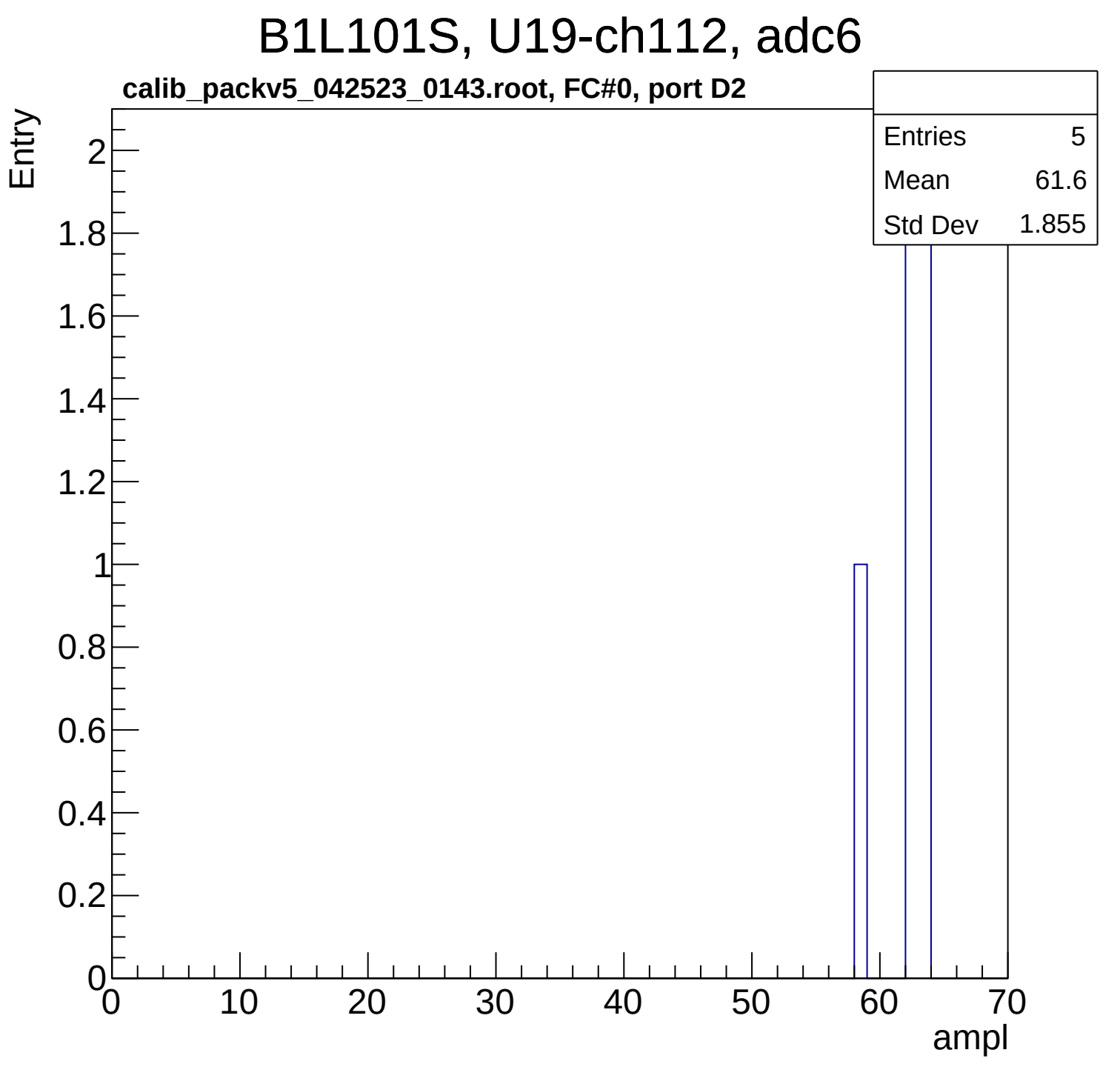
B1L101S, U19-ch112, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 61.6
Std Dev 1.855
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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20
30
40
50
60
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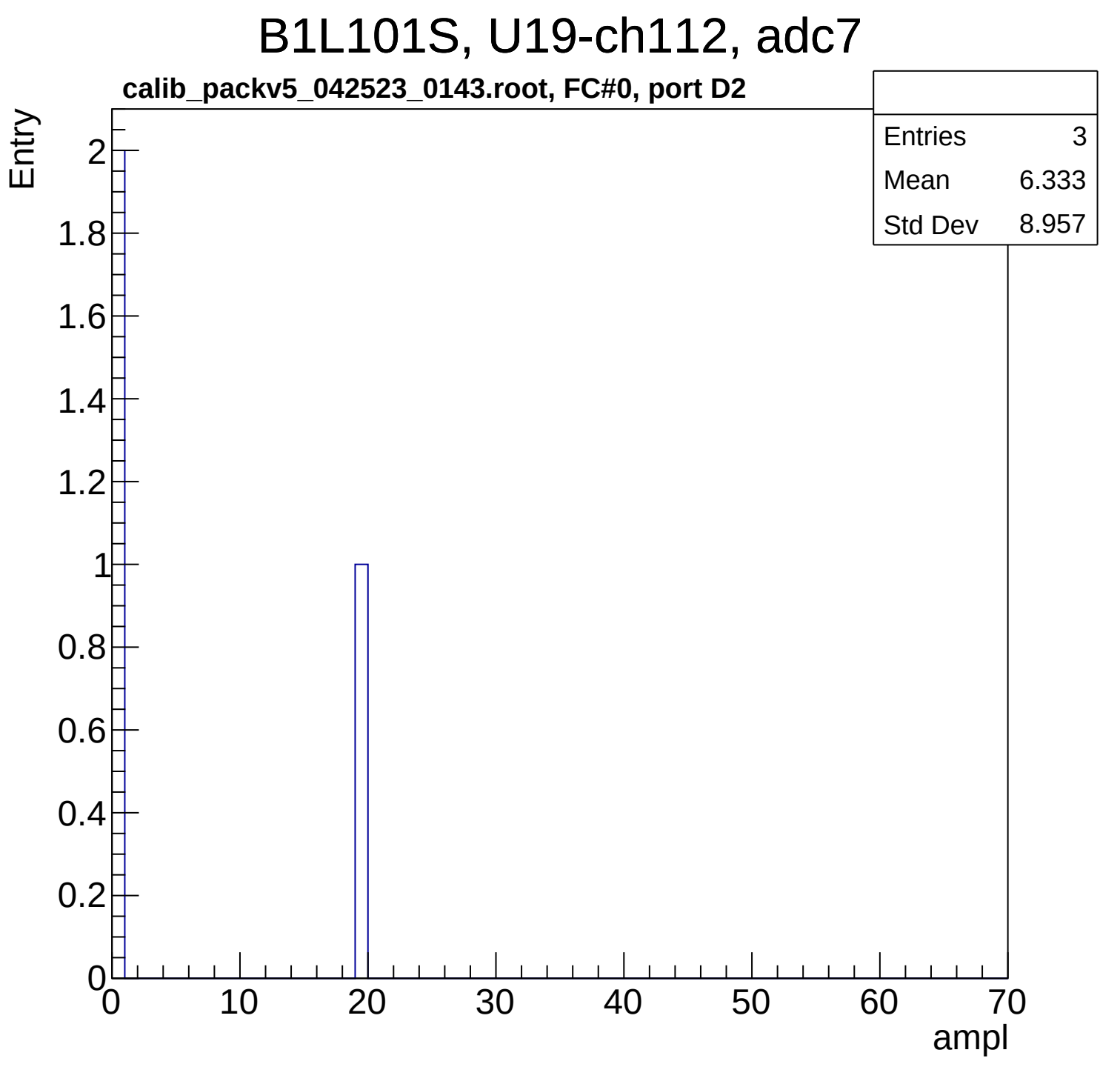
B1L101S, U19-ch112, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 6.333
Std Dev 8.957
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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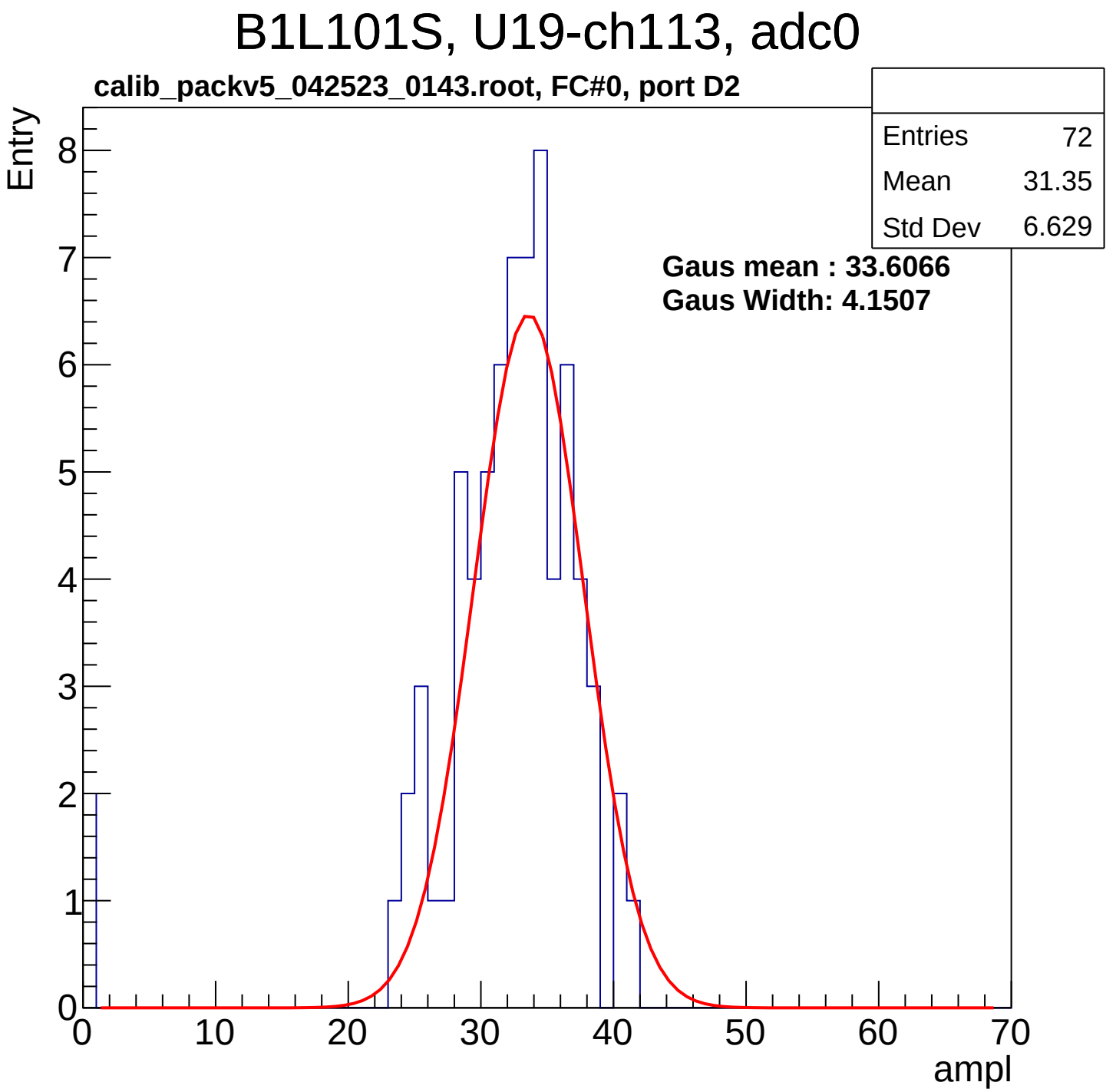
B1L101S, U19-ch113, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 31.35
Std Dev 6.629
Gaus mean : 33.6066
Gaus Width: 4.1507
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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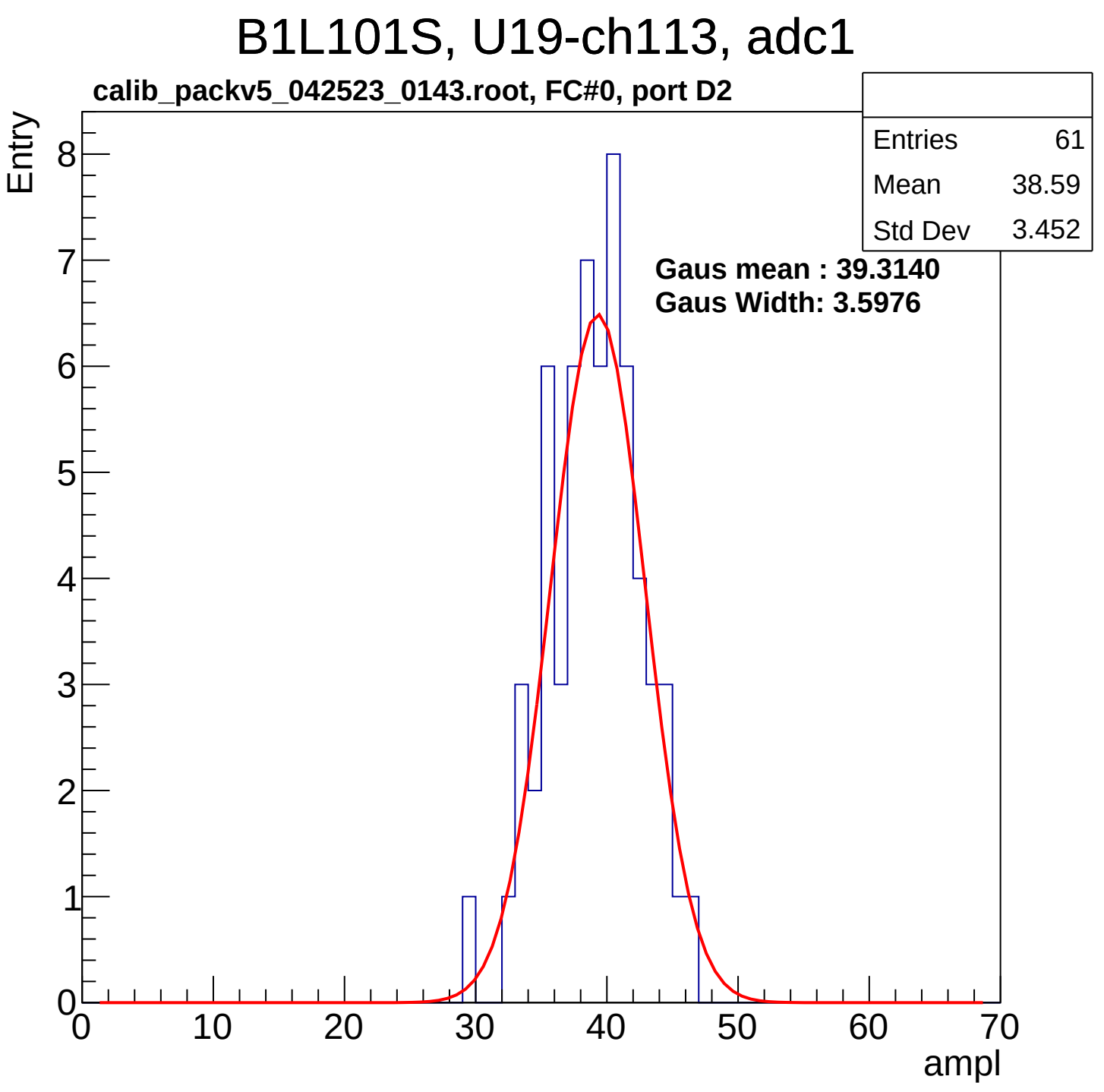
B1L101S, U19-ch113, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 38.59
Std Dev 3.452
Gaus mean : 39.3140
Gaus Width: 3.5976
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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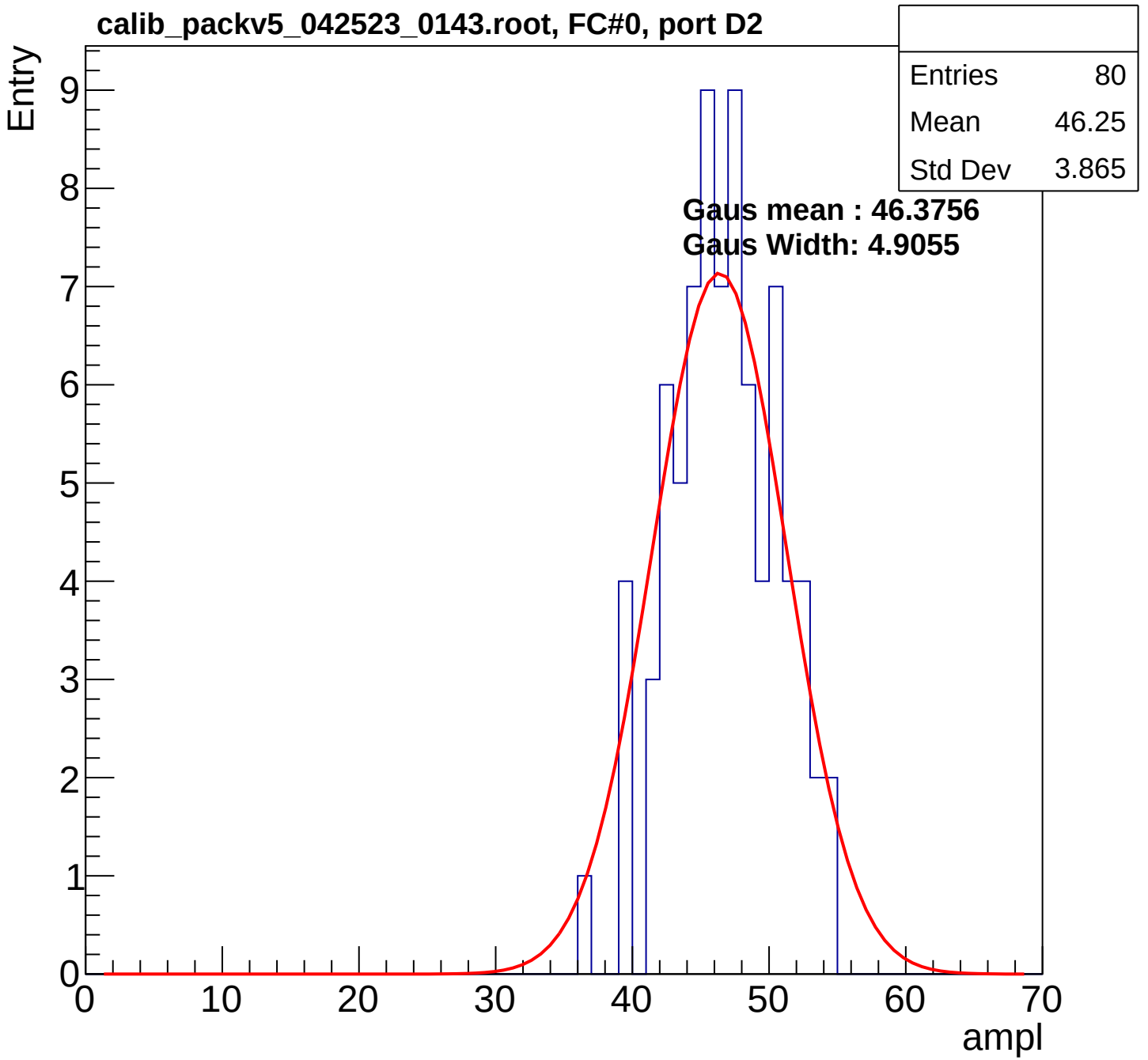
B1L101S, U19-ch113, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 46.25
Std Dev 3.865
Gaus mean : 46.3756
Gaus Width: 4.9055
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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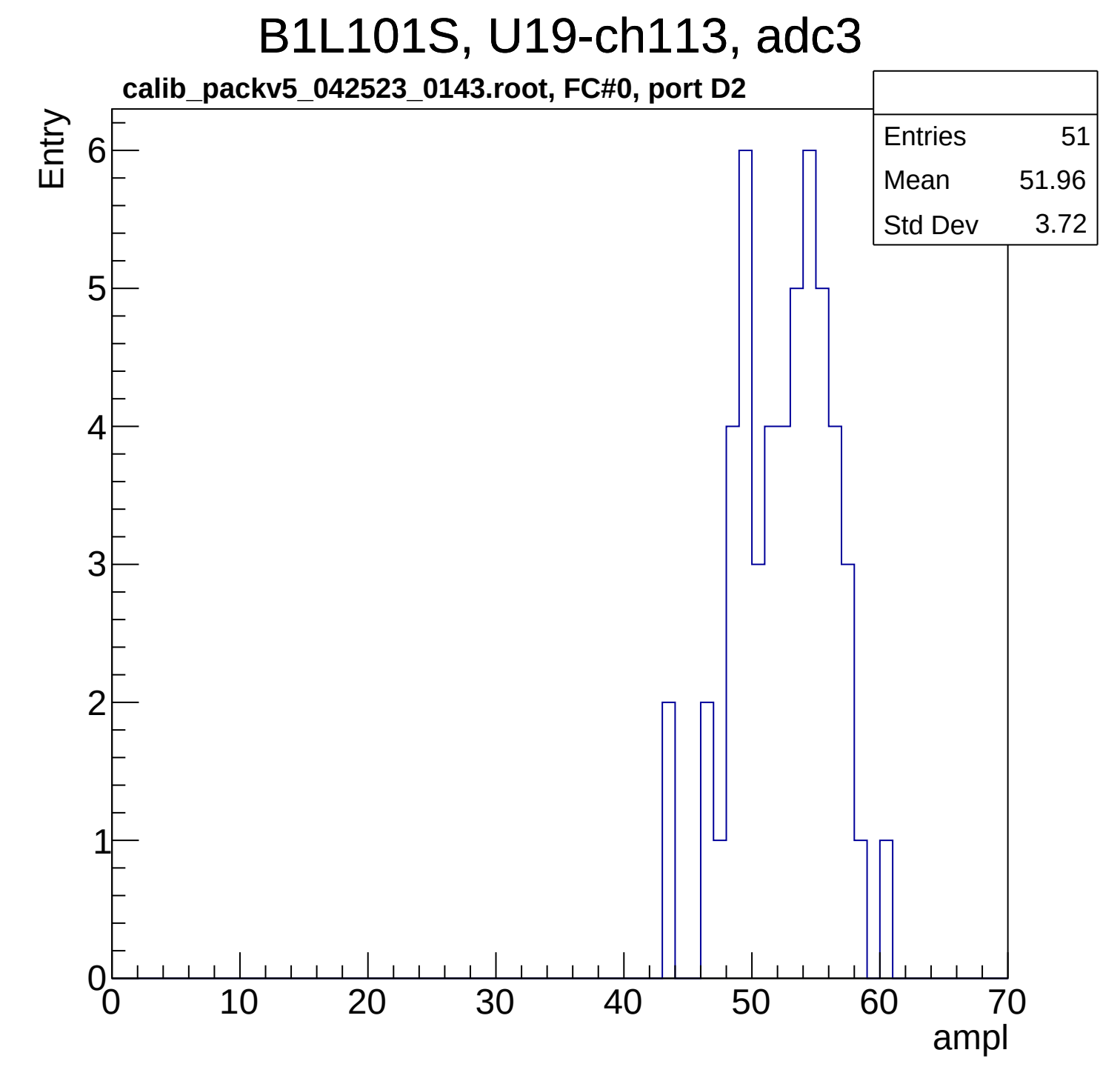
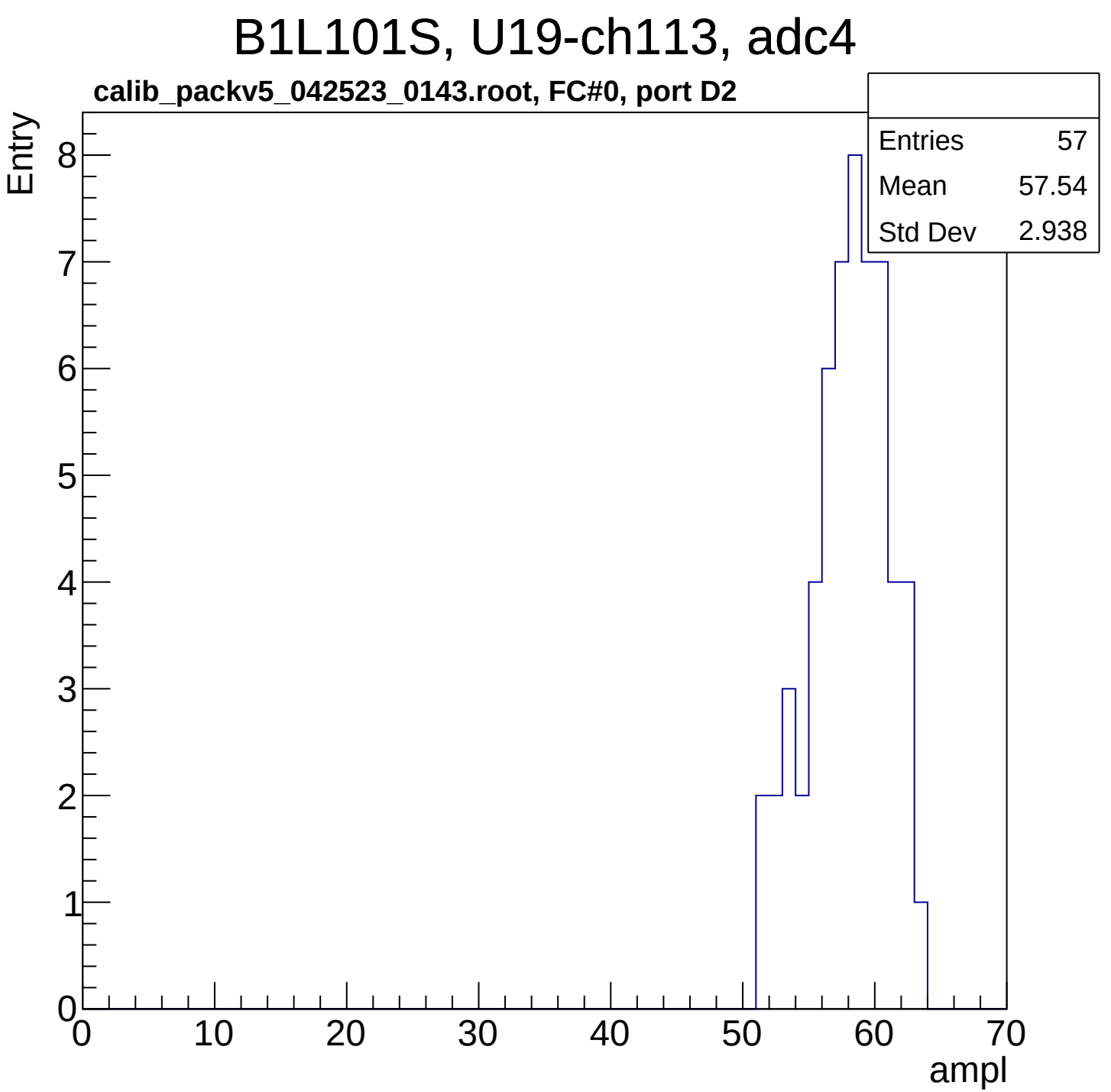

B1L101S, U19-ch113, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 51.96
Std Dev 3.72
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U19-ch113, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 57.54
Std Dev 2.938
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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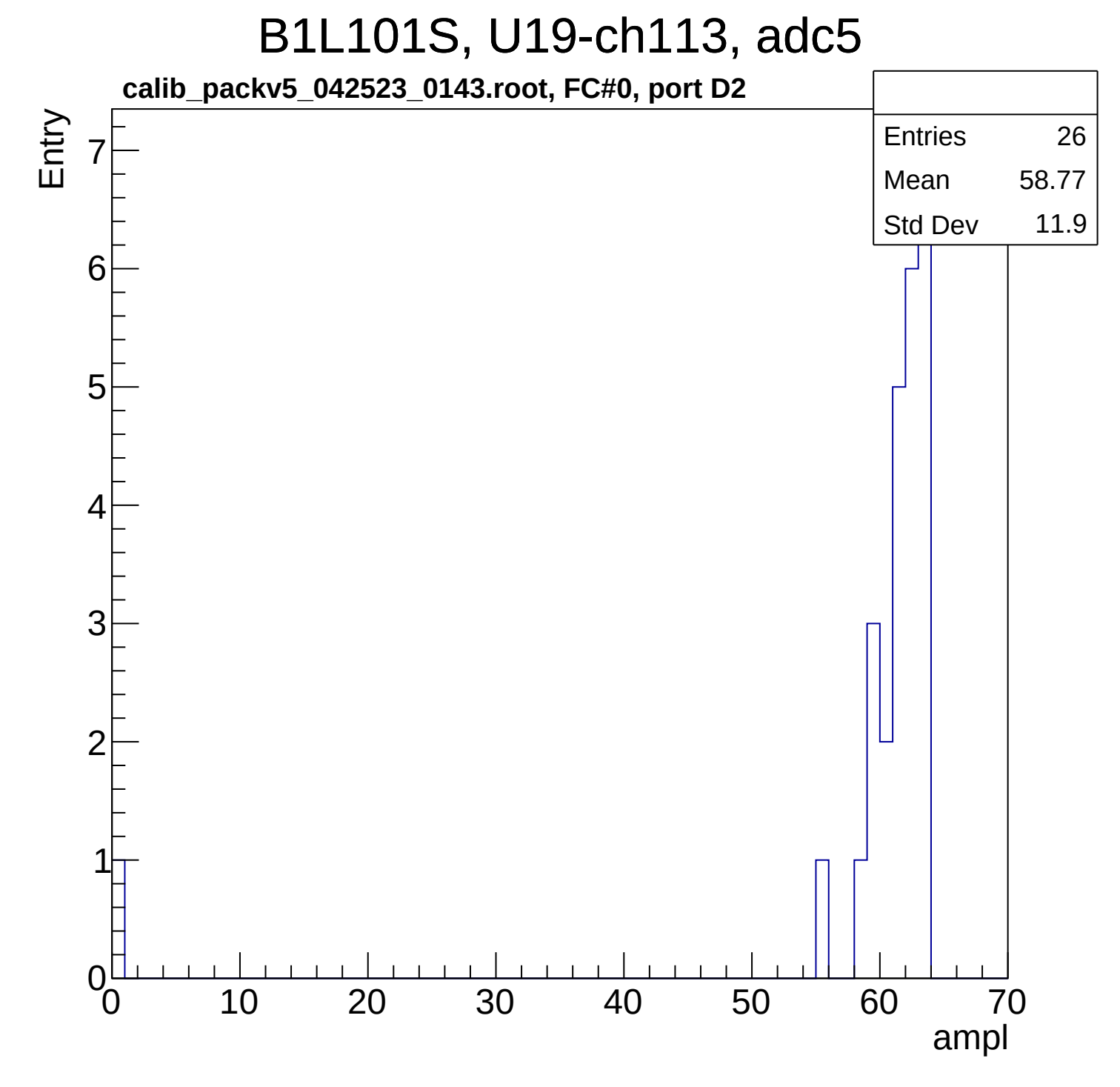
B1L101S, U19-ch113, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 26
Mean 58.77
Std Dev 11.9
Entry
ampl
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2
3
4
5
6
7
0
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20
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40
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60
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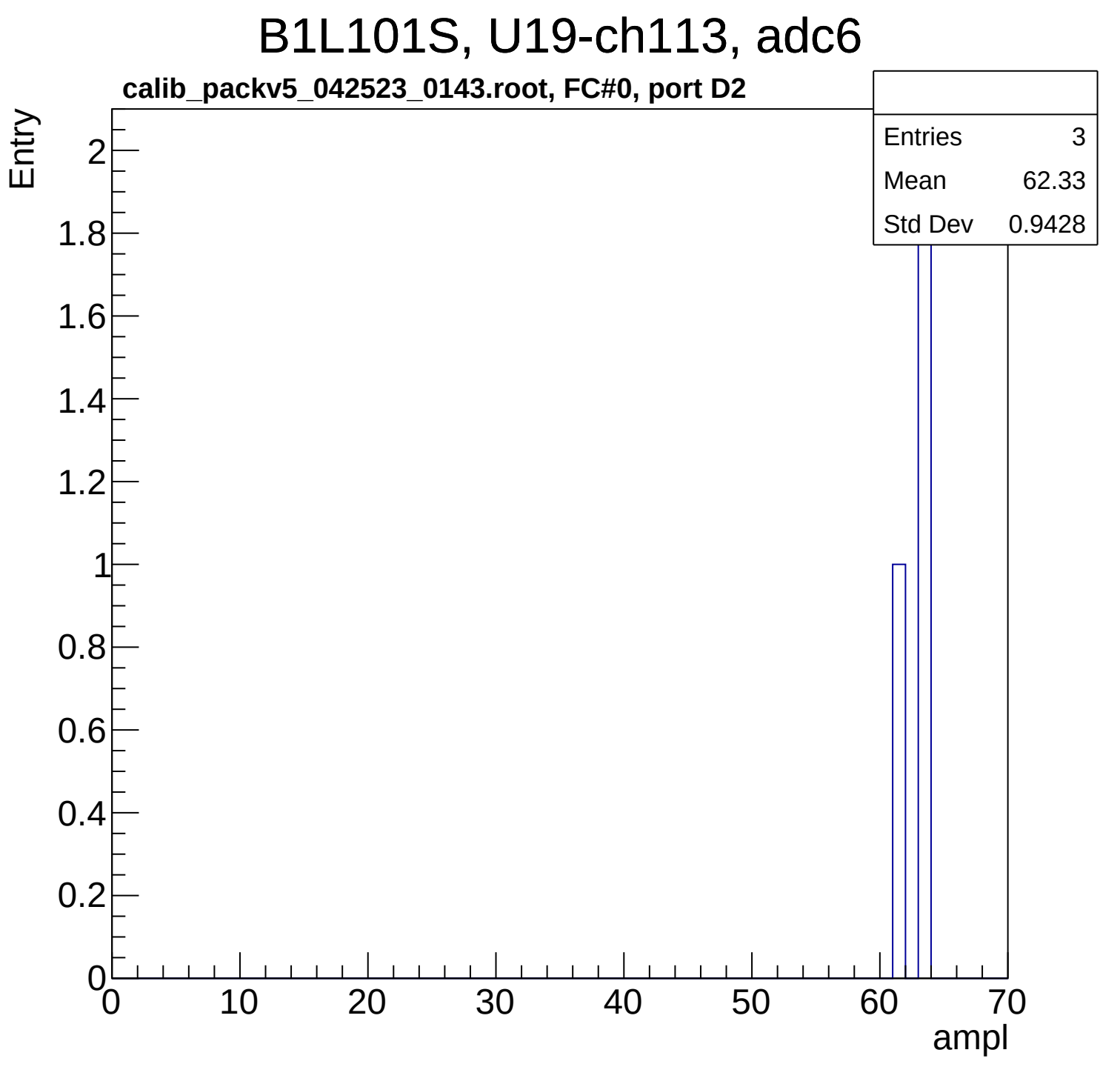
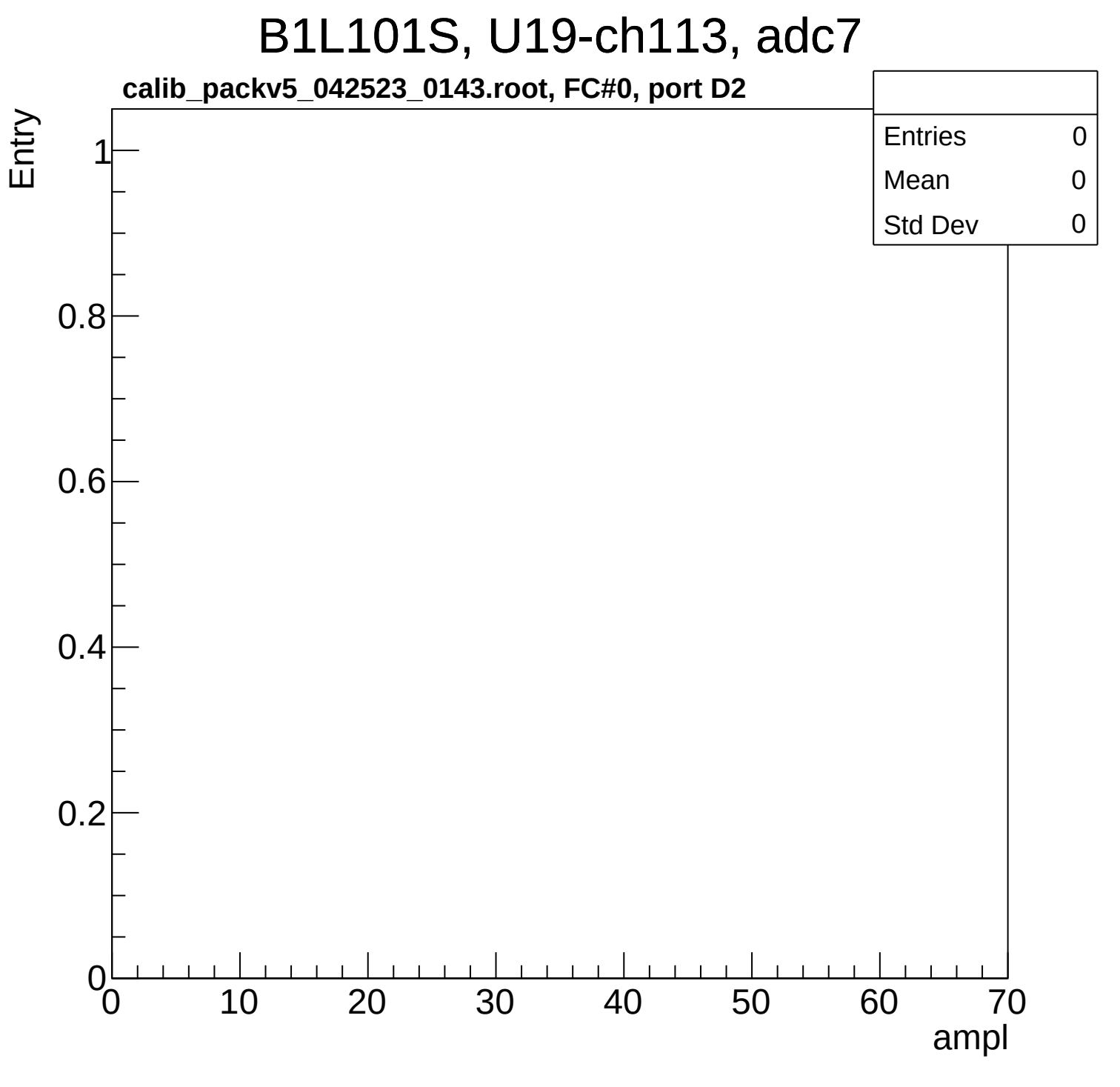

B1L101S, U19-ch113, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch113, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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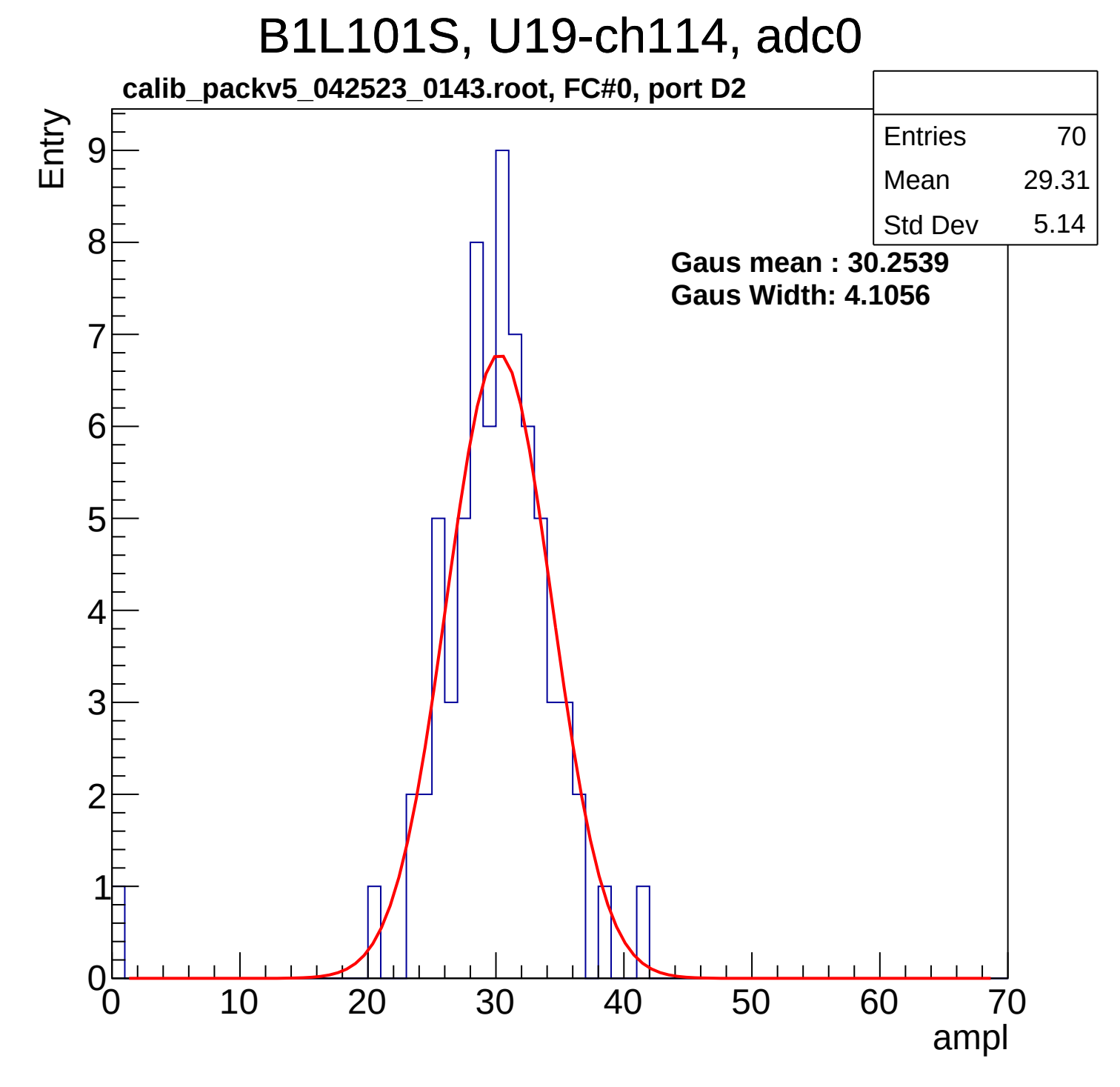
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch114, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 29.31
Std Dev 5.14
Gaus mean : 30.2539
Gaus Width: 4.1056
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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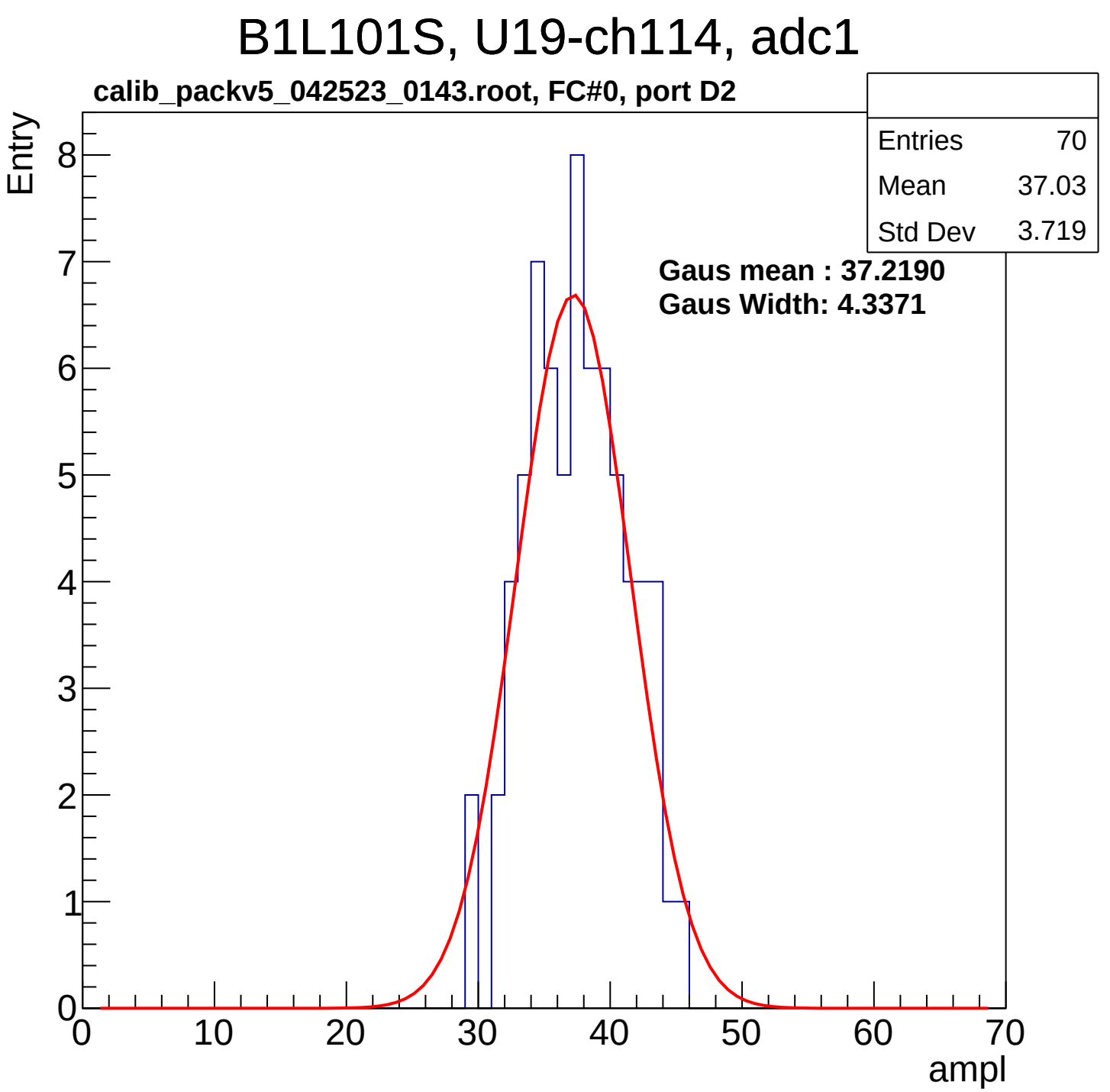
60
70


B1L101S, U19-ch114, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 37.03
Std Dev 3.719
Gaus mean : 37.2190
Gaus Width: 4.3371
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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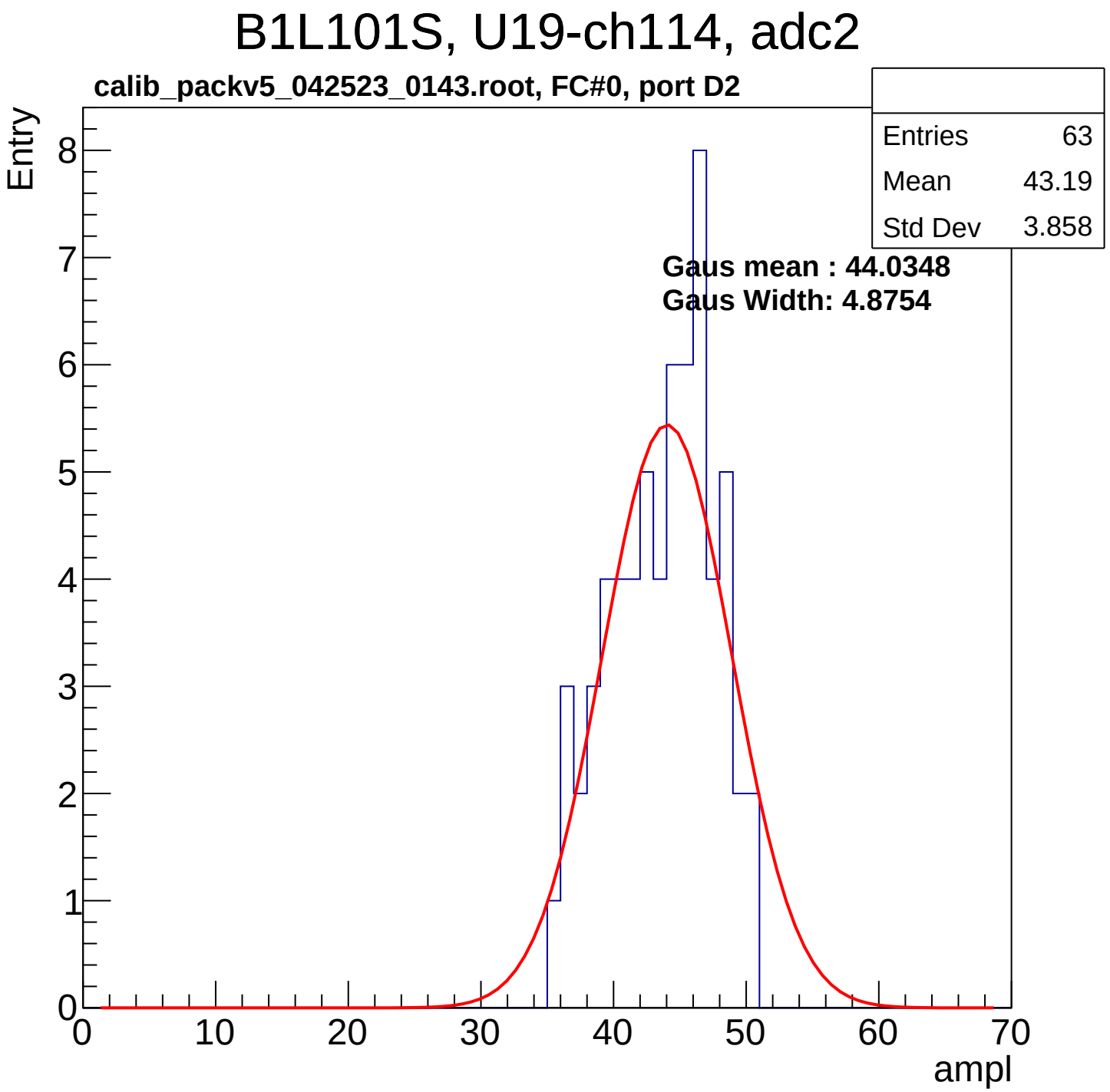
B1L101S, U19-ch114, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 43.19
Std Dev 3.858
Gaus mean : 44.0348
Gaus Width: 4.8754
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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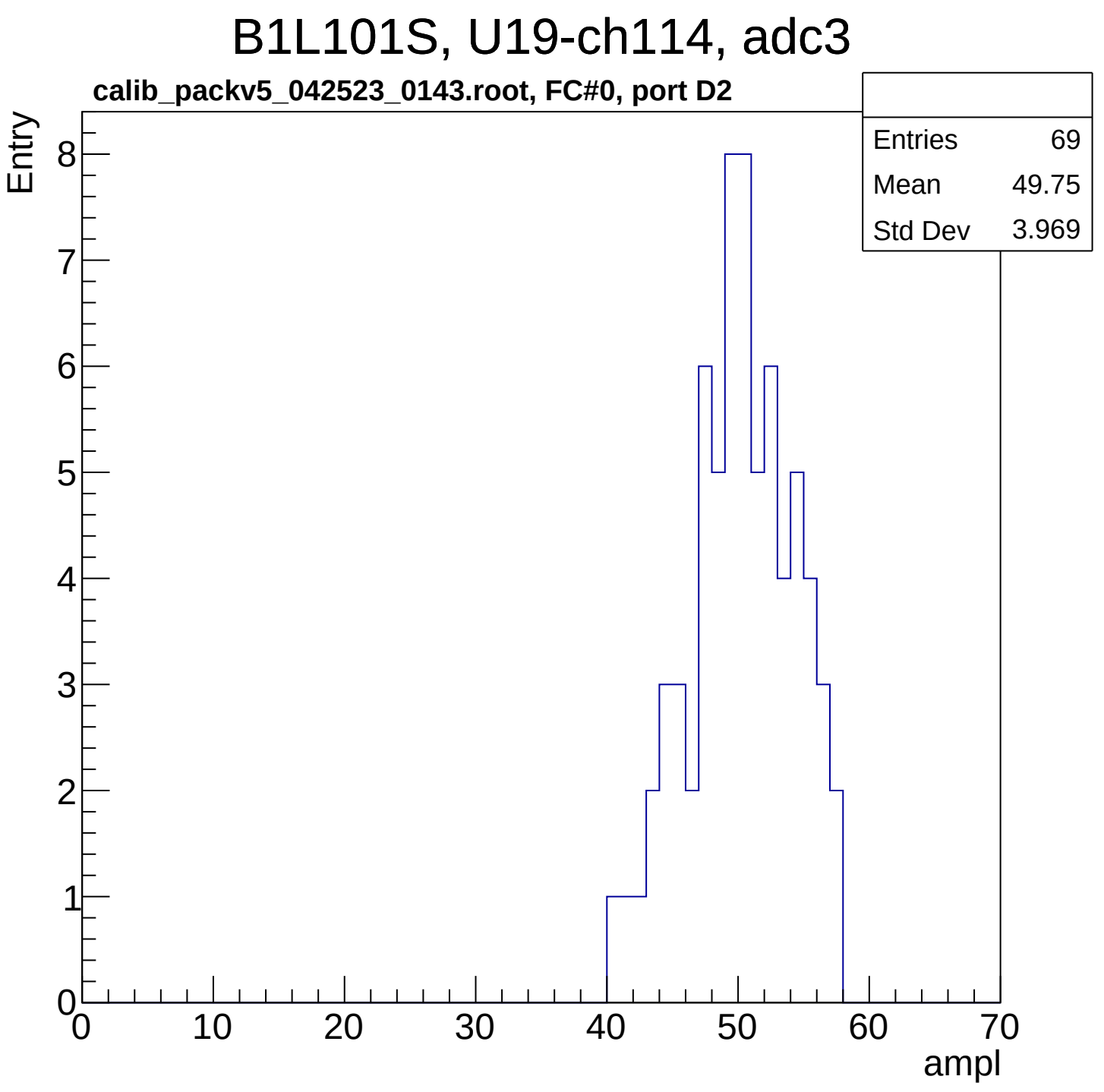
B1L101S, U19-ch114, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 49.75
Std Dev 3.969
Entry
ampl
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3
4
5
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7
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0
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60
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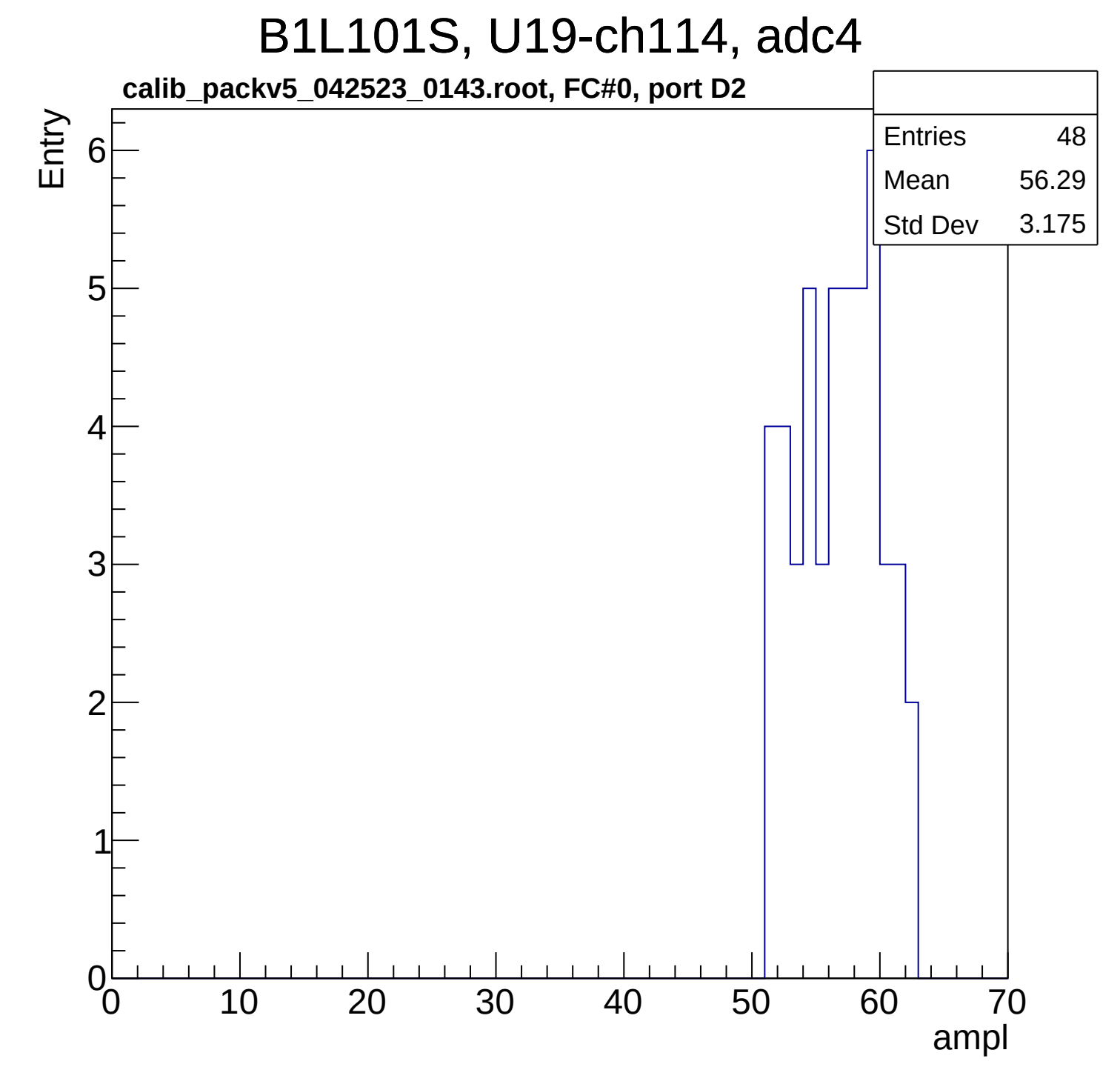
B1L101S, U19-ch114, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 56.29
Std Dev 3.175
Entry
ampl
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3
4
5
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0
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20
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60
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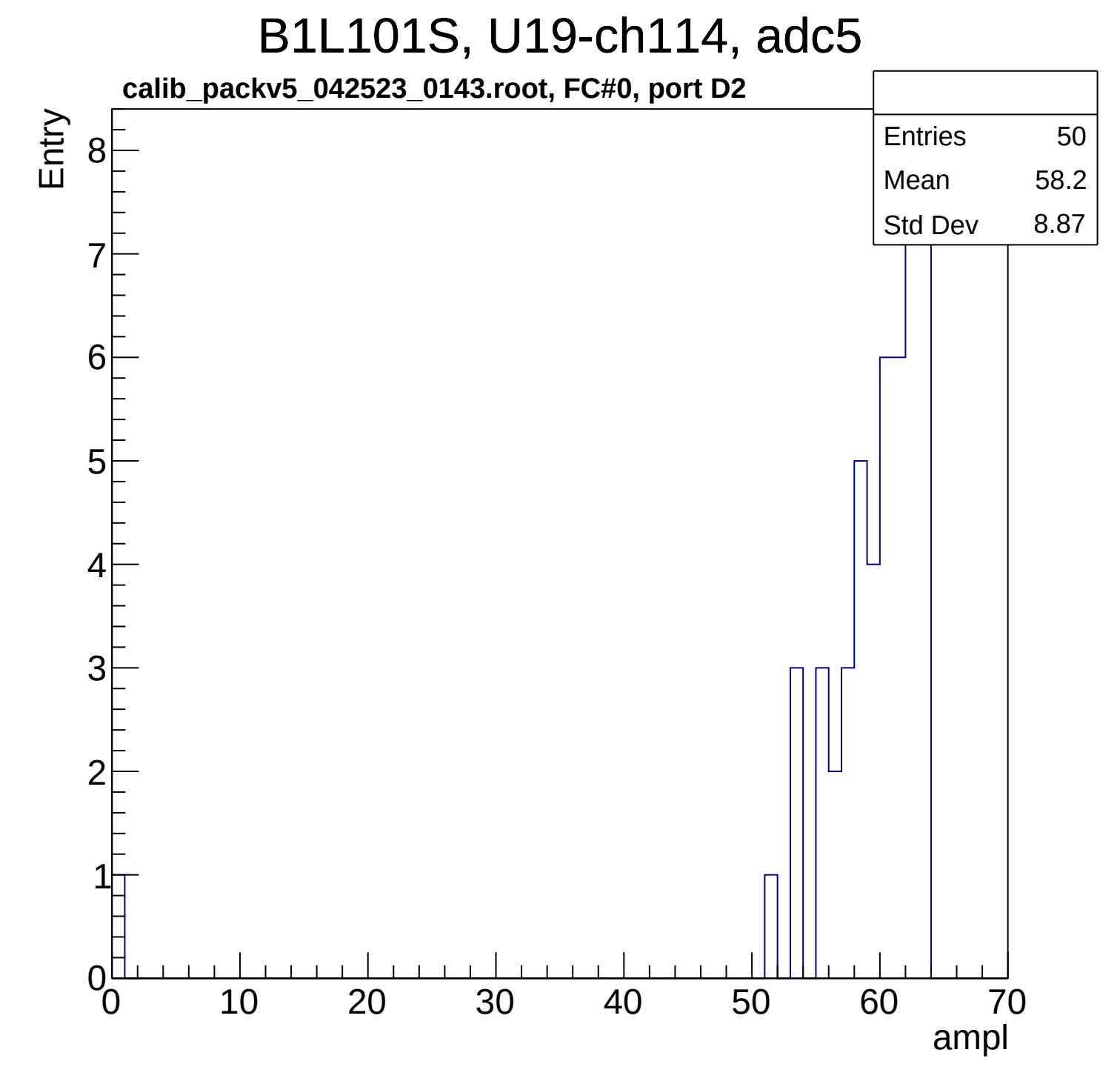
B1L101S, U19-ch114, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 58.2
Std Dev 8.87
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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60
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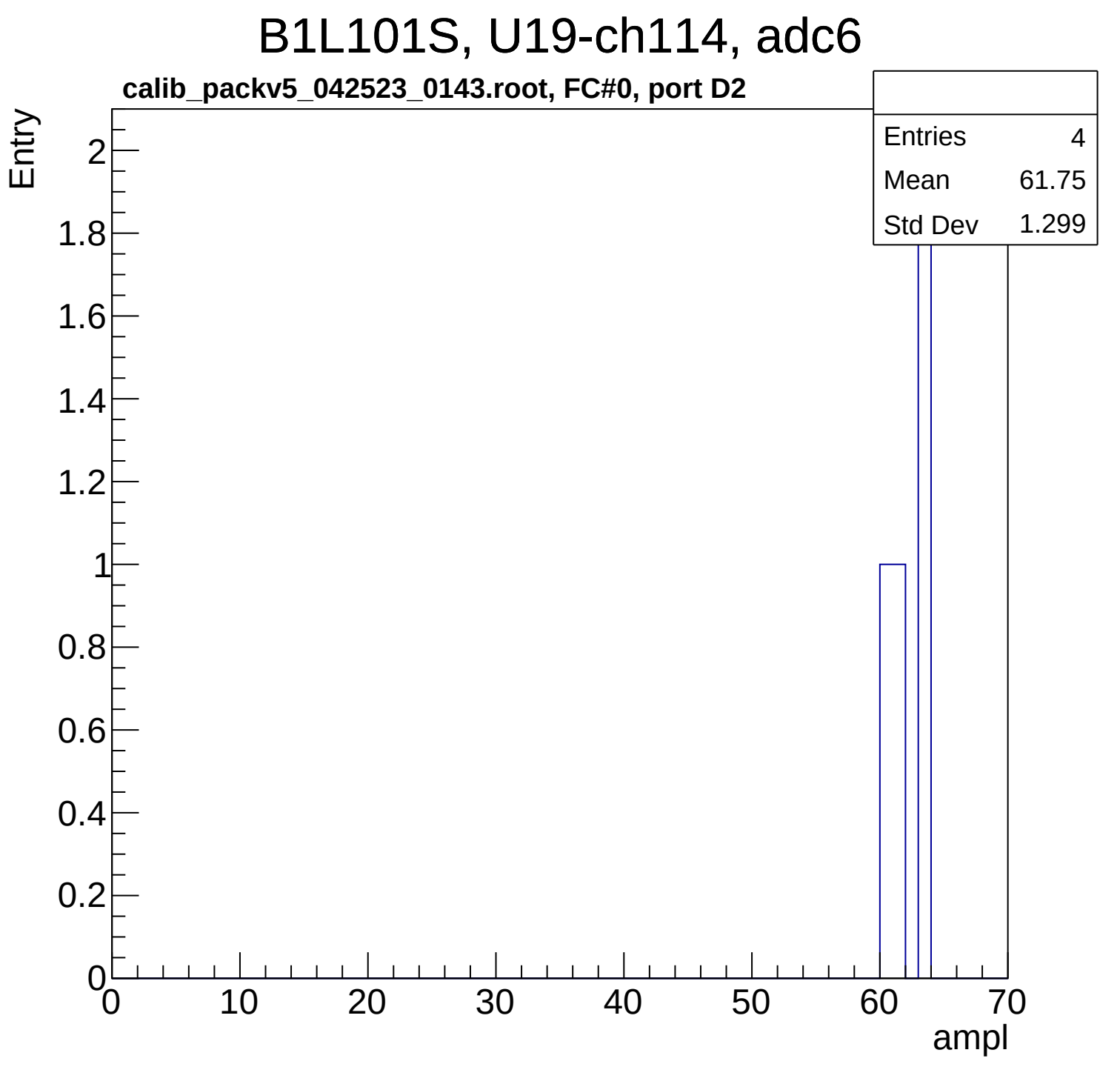
B1L101S, U19-ch114, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.75
Std Dev 1.299
Entry
ampl
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0.2
0.4
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1.2
1.4
1.6
1.8
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60
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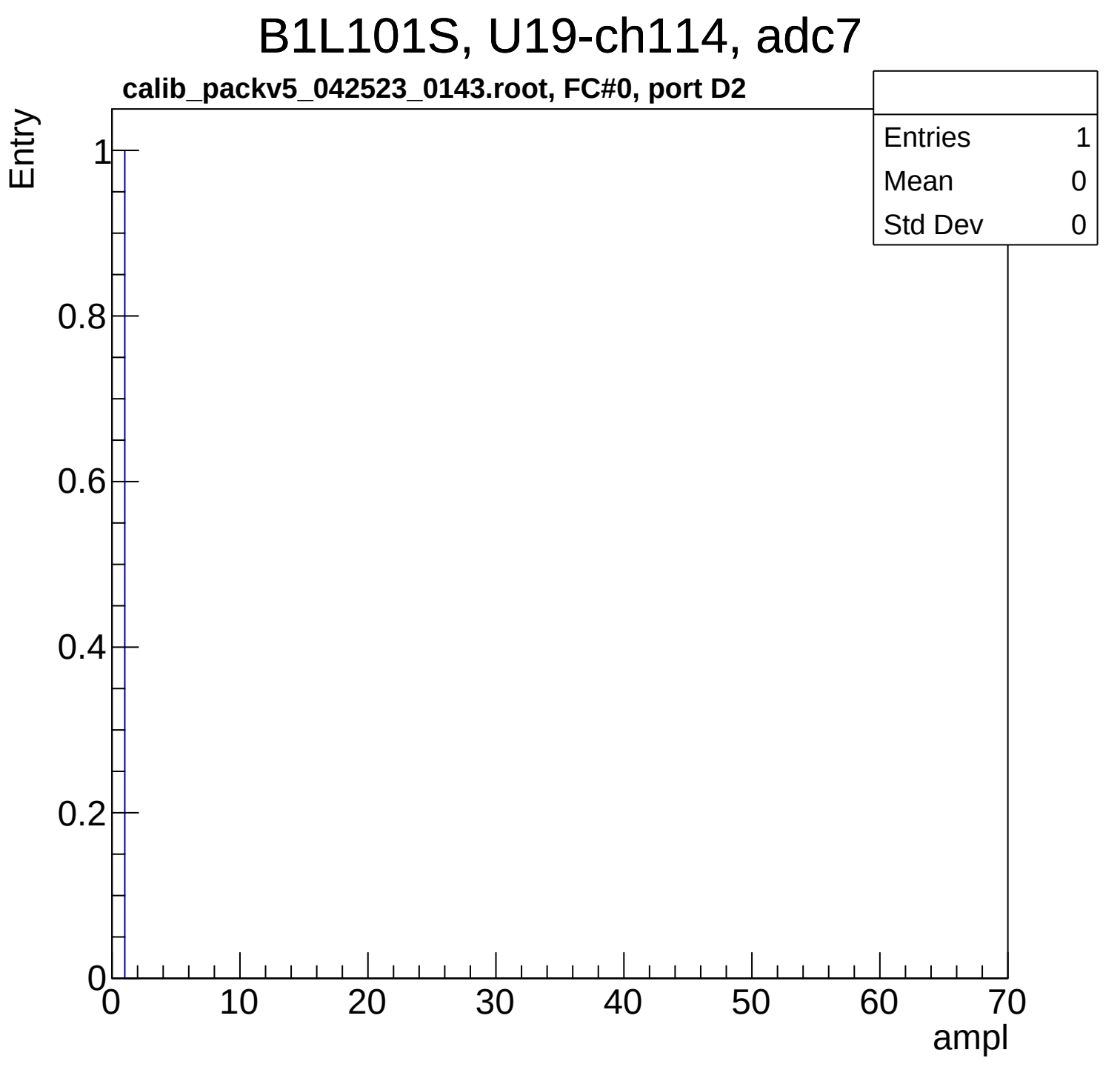
B1L101S, U19-ch114, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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10
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30
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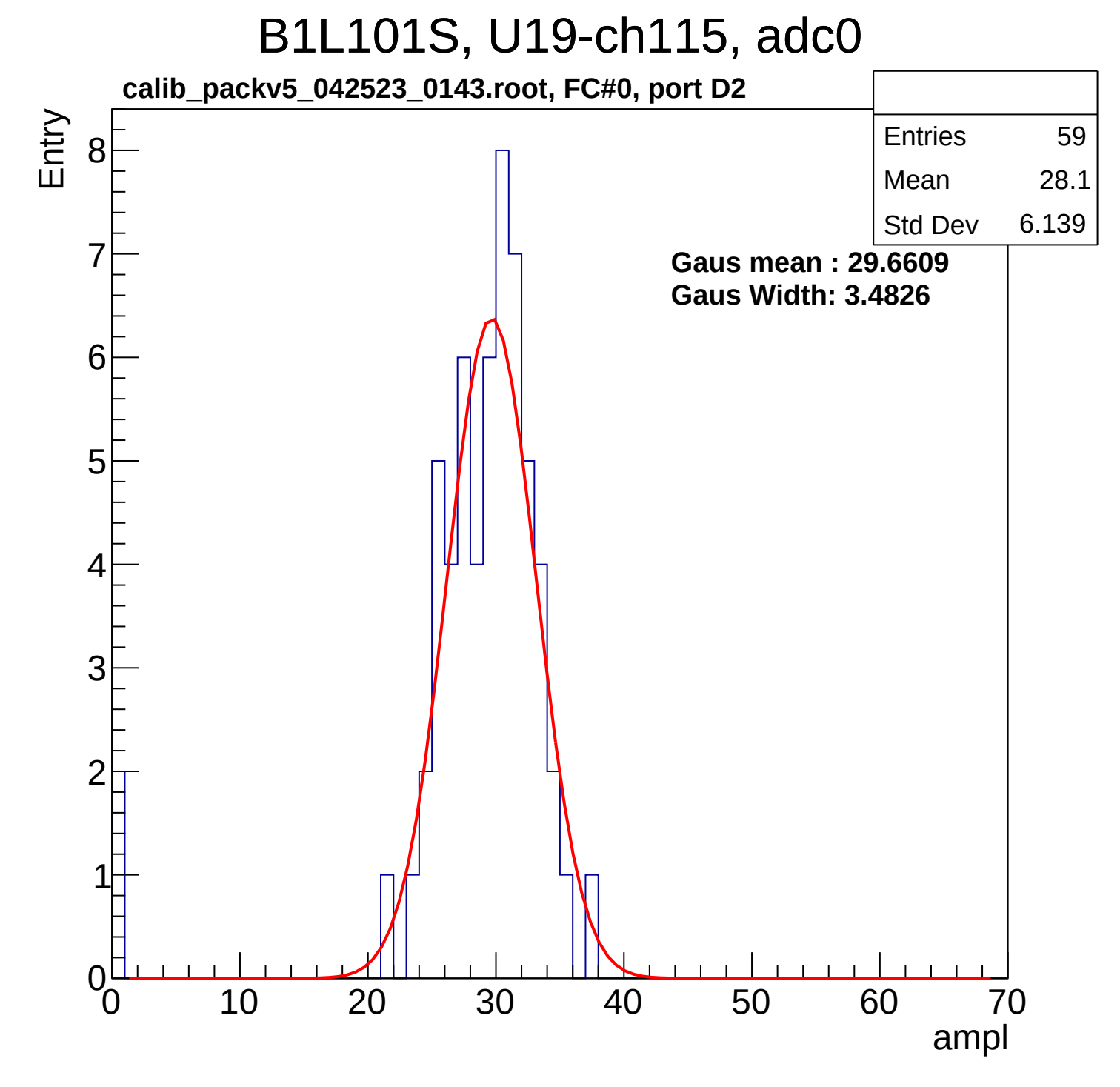
50
60
70
ampl


B1L101S, U19-ch115, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 28.1
Std Dev 6.139
Gaus mean : 29.6609
Gaus Width: 3.4826
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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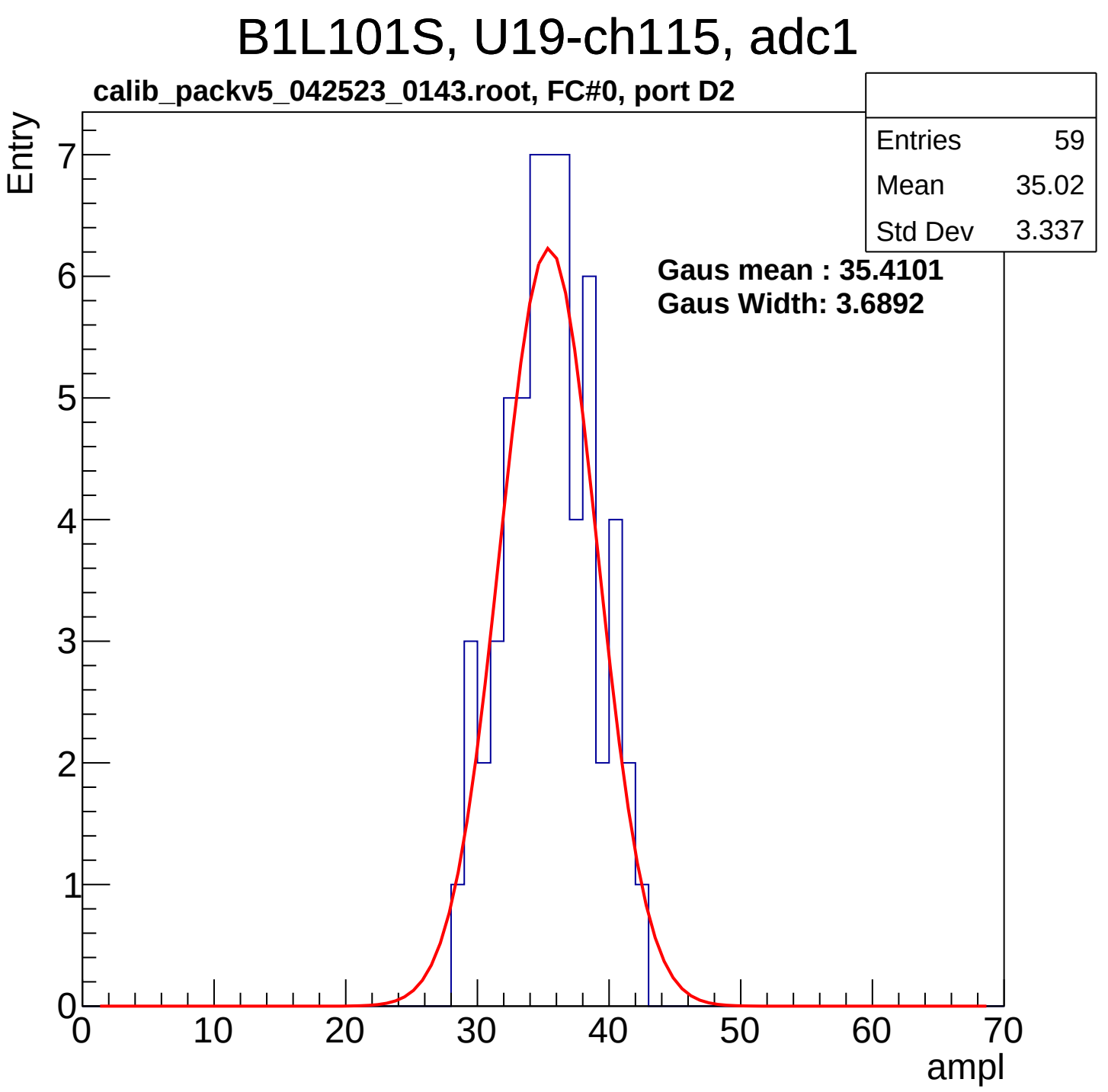
B1L101S, U19-ch115, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 35.02
Std Dev 3.337
Gaus mean : 35.4101
Gaus Width: 3.6892
Entry
ampl
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4
5
6
7
0
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20
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60
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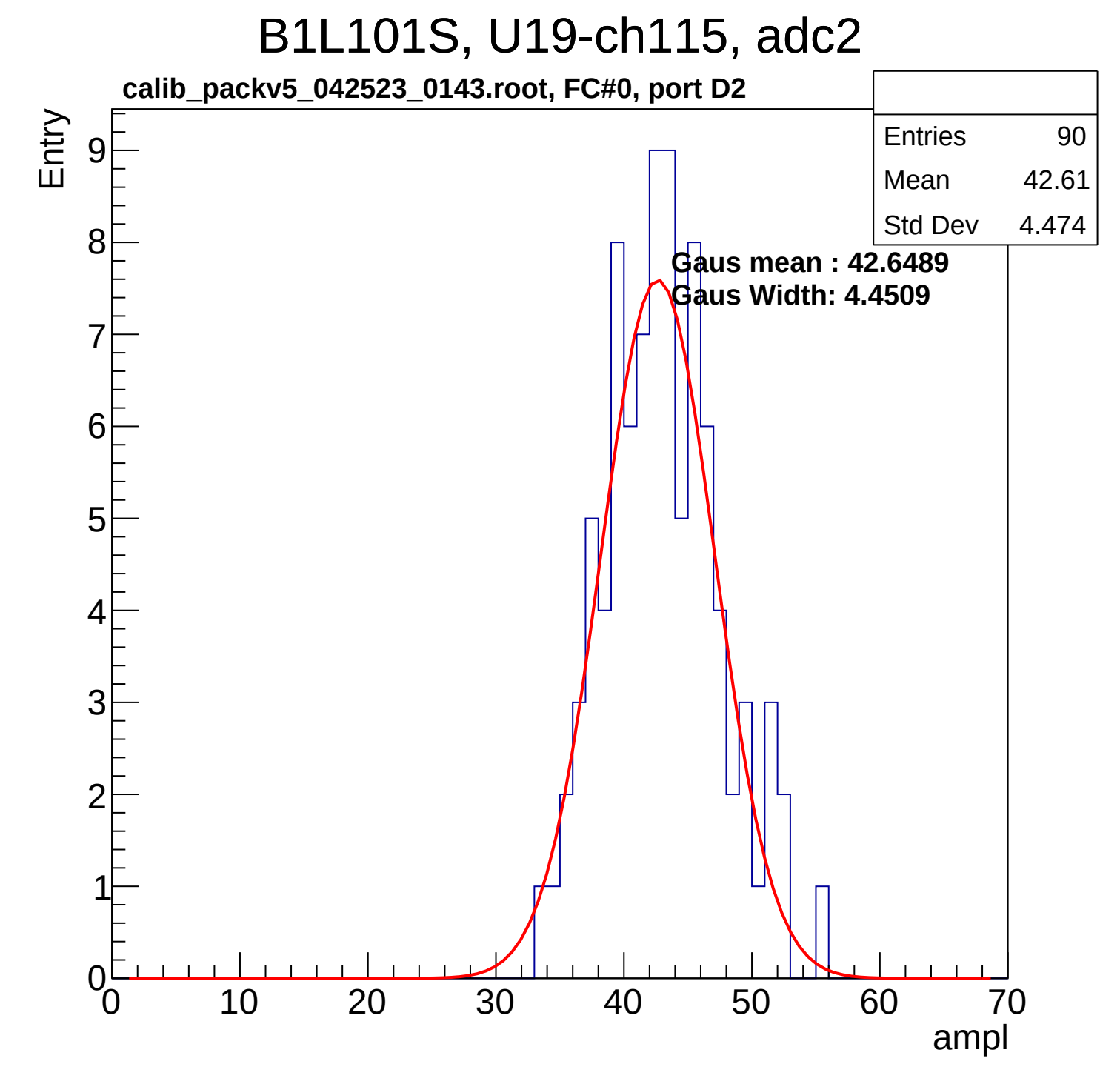
B1L101S, U19-ch115, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 90
Mean 42.61
Std Dev 4.474
Gaus mean : 42.6489
Gaus Width: 4.4509
Entry
ampl
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0
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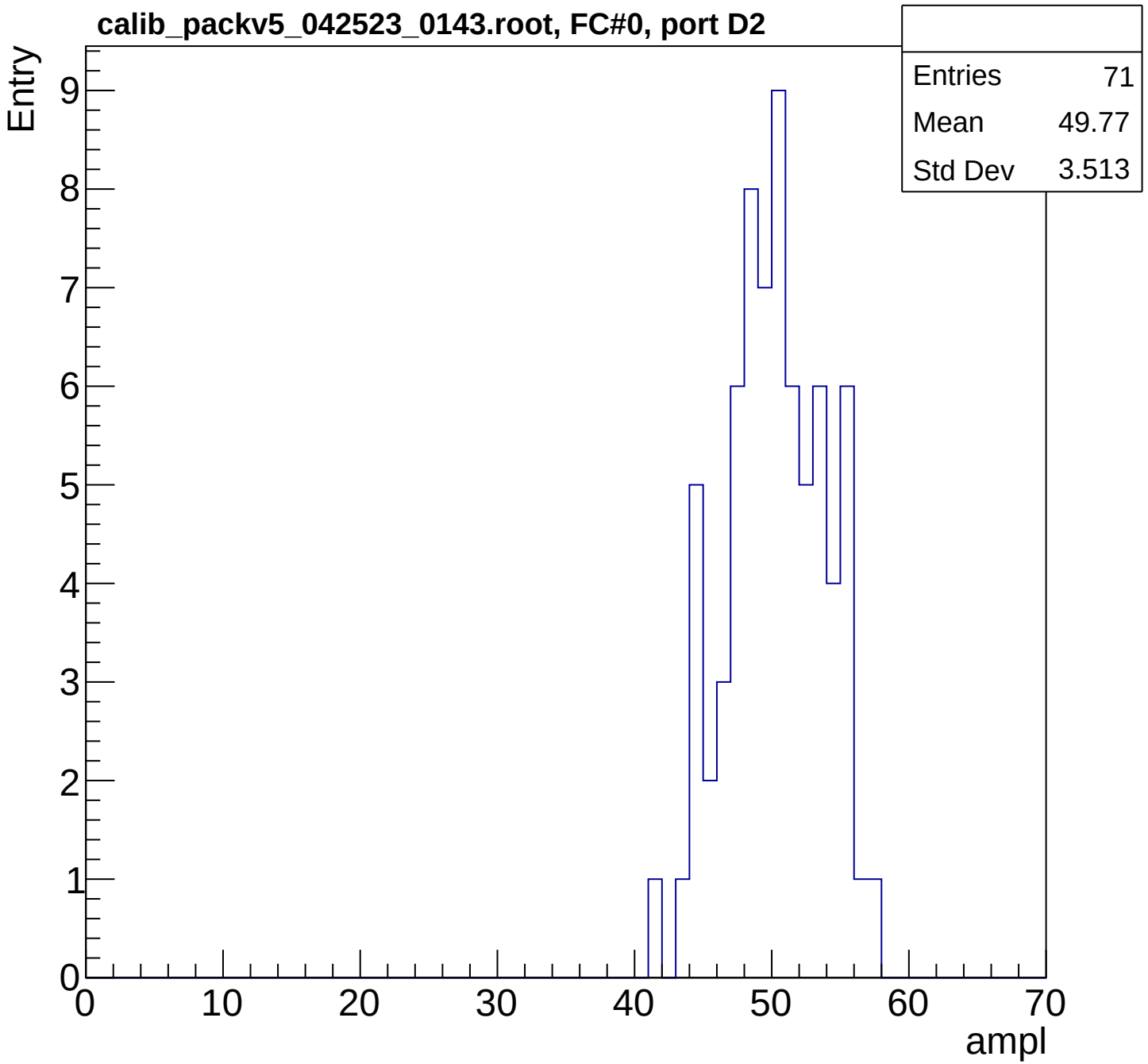
B1L101S, U19-ch115, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 49.77
Std Dev 3.513
Entry
ampl
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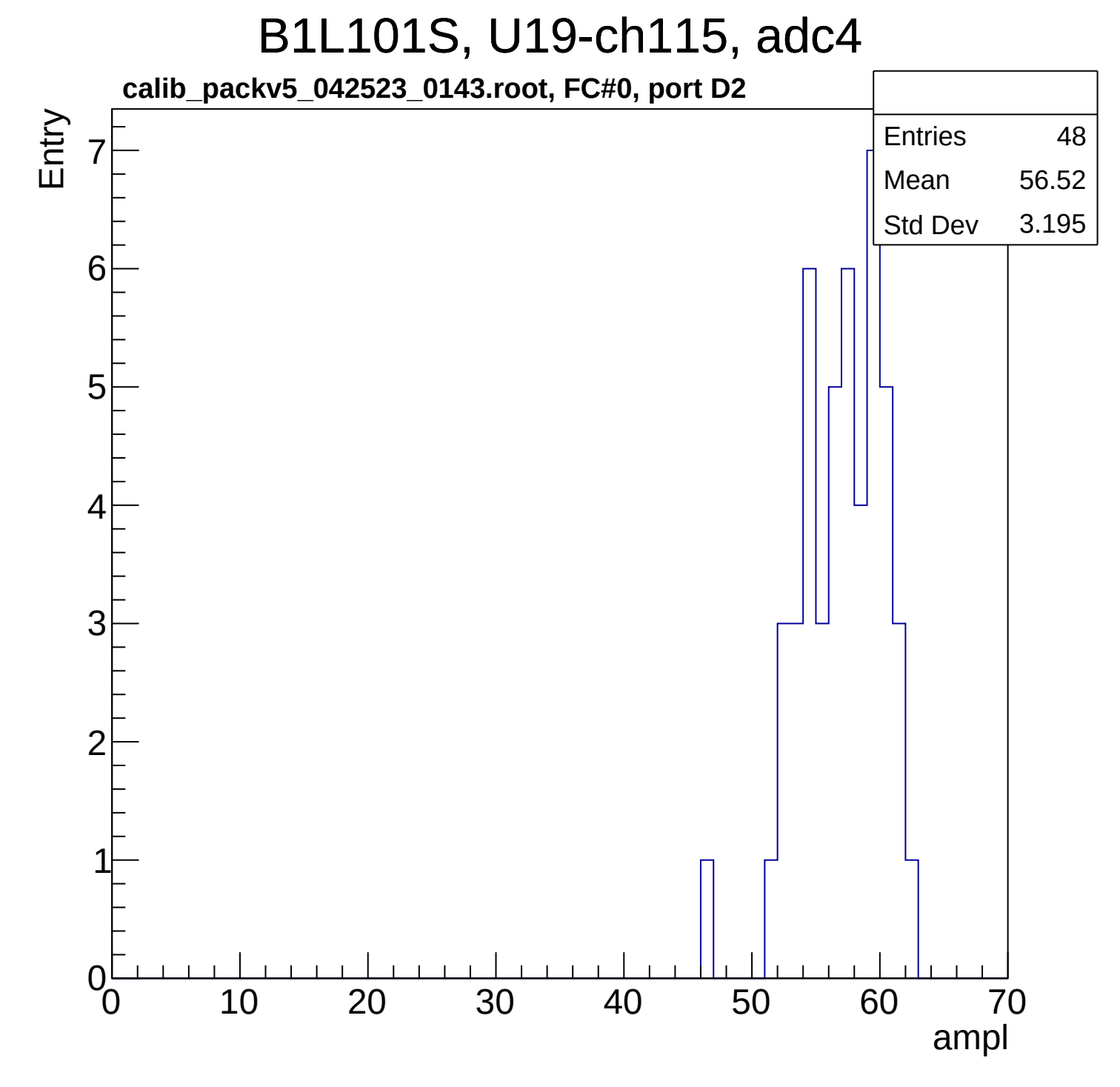
B1L101S, U19-ch115, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 56.52
Std Dev 3.195
Entry
ampl
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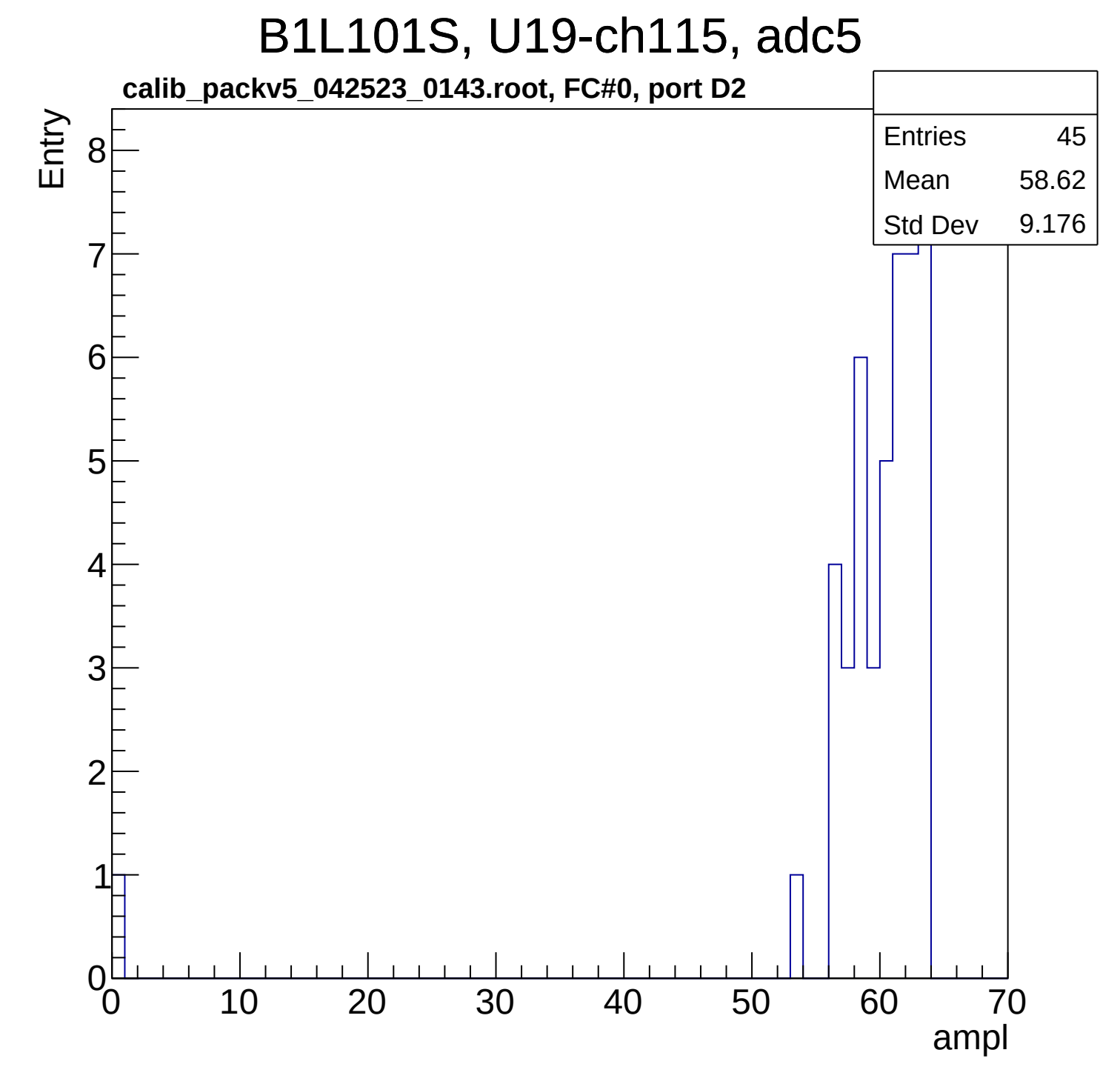
B1L101S, U19-ch115, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 58.62
Std Dev 9.176
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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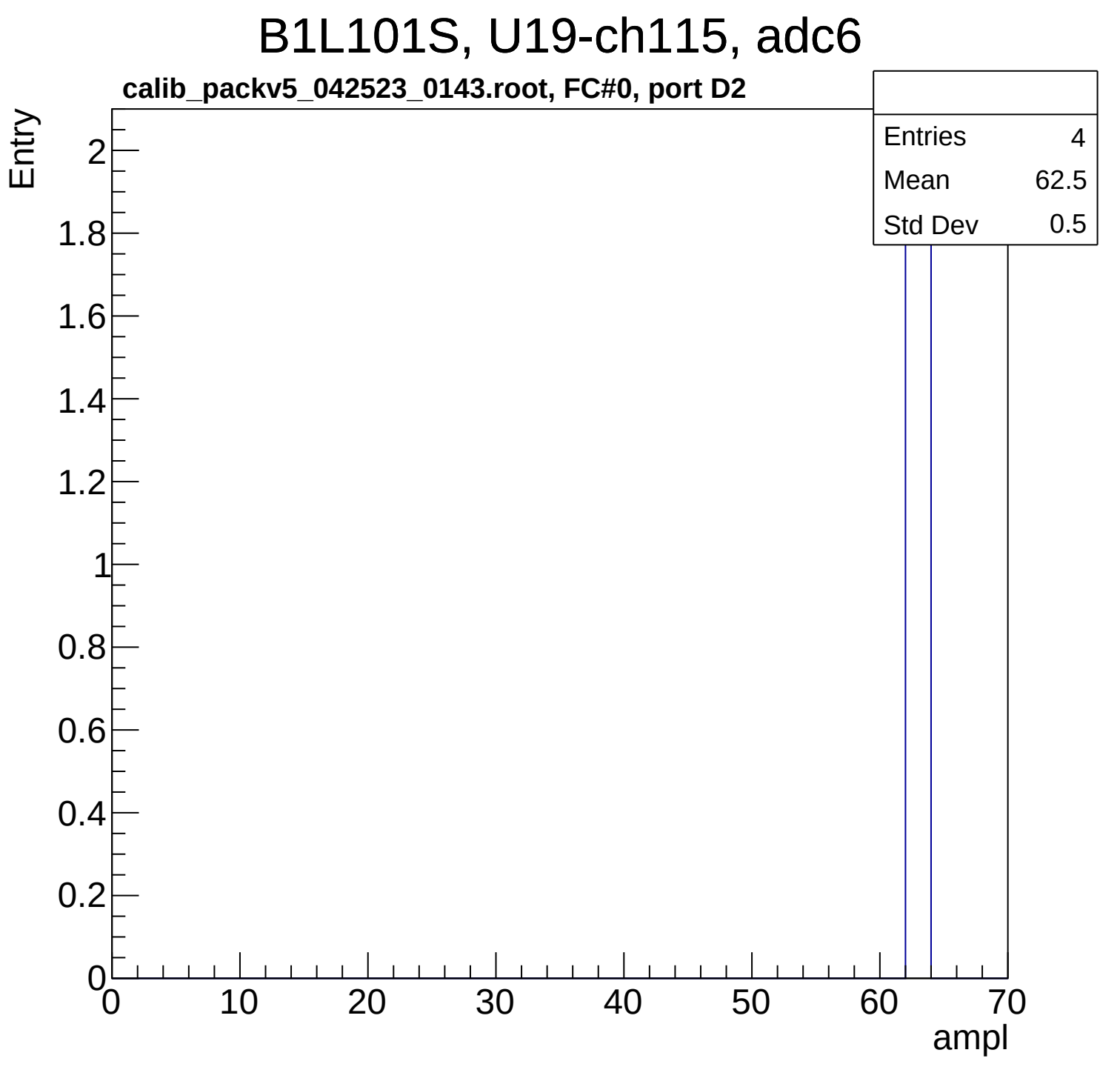
B1L101S, U19-ch115, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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60
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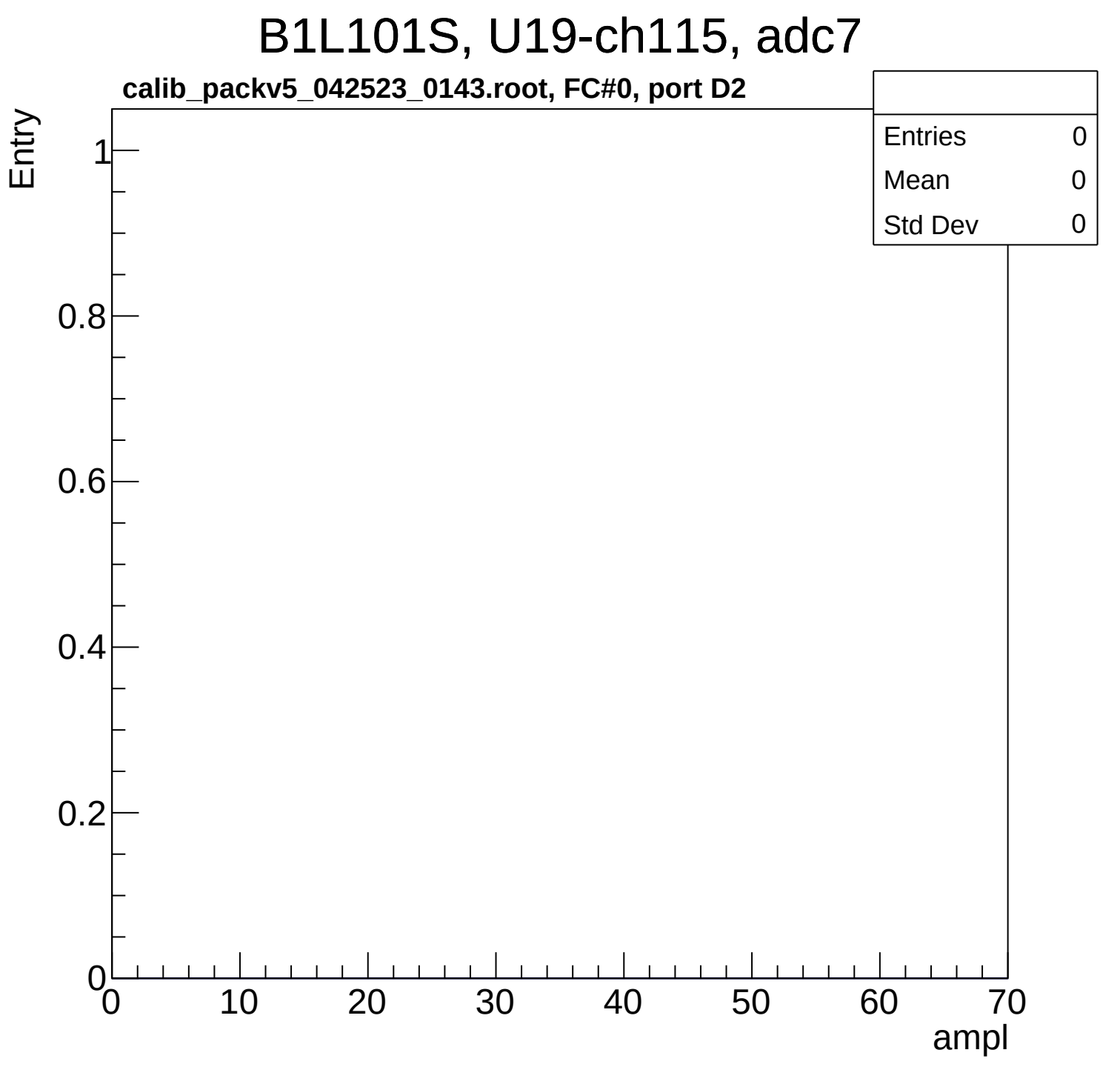
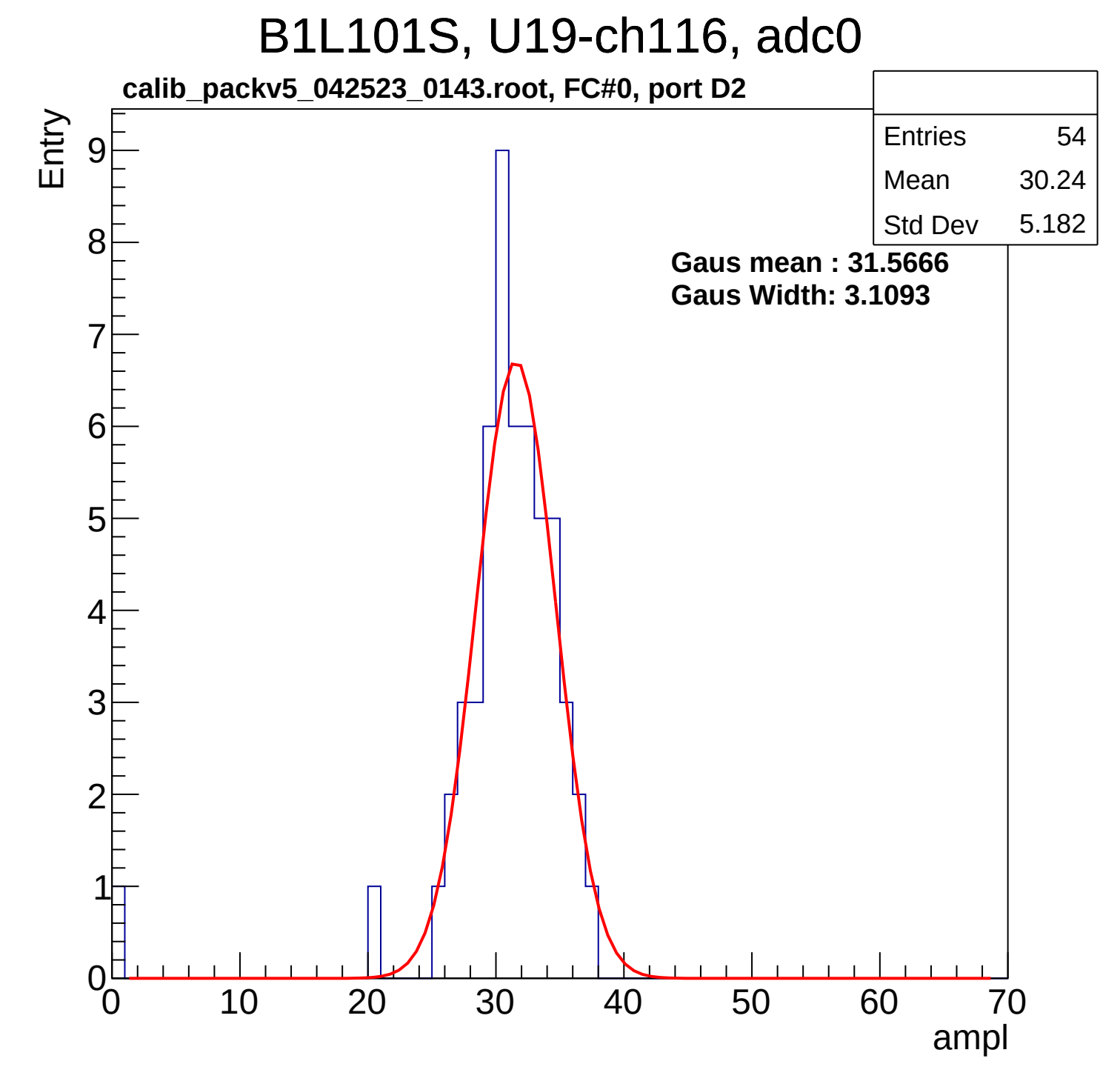

B1L101S, U19-ch115, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch116, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 30.24
Std Dev 5.182
Gaus mean : 31.5666
Gaus Width: 3.1093
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
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40
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60
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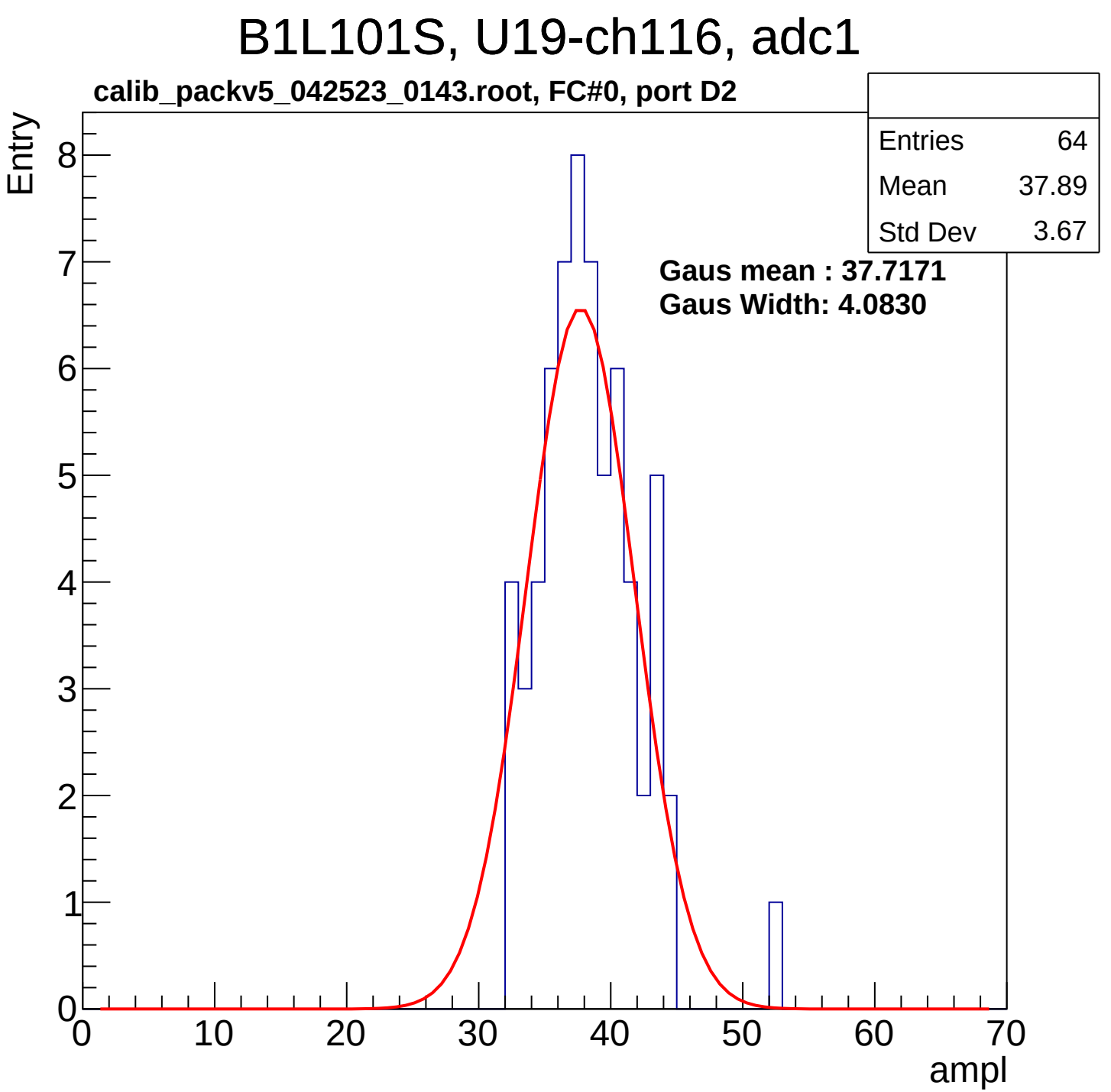
B1L101S, U19-ch116, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 37.89
Std Dev 3.67
Gaus mean : 37.7171
Gaus Width: 4.0830
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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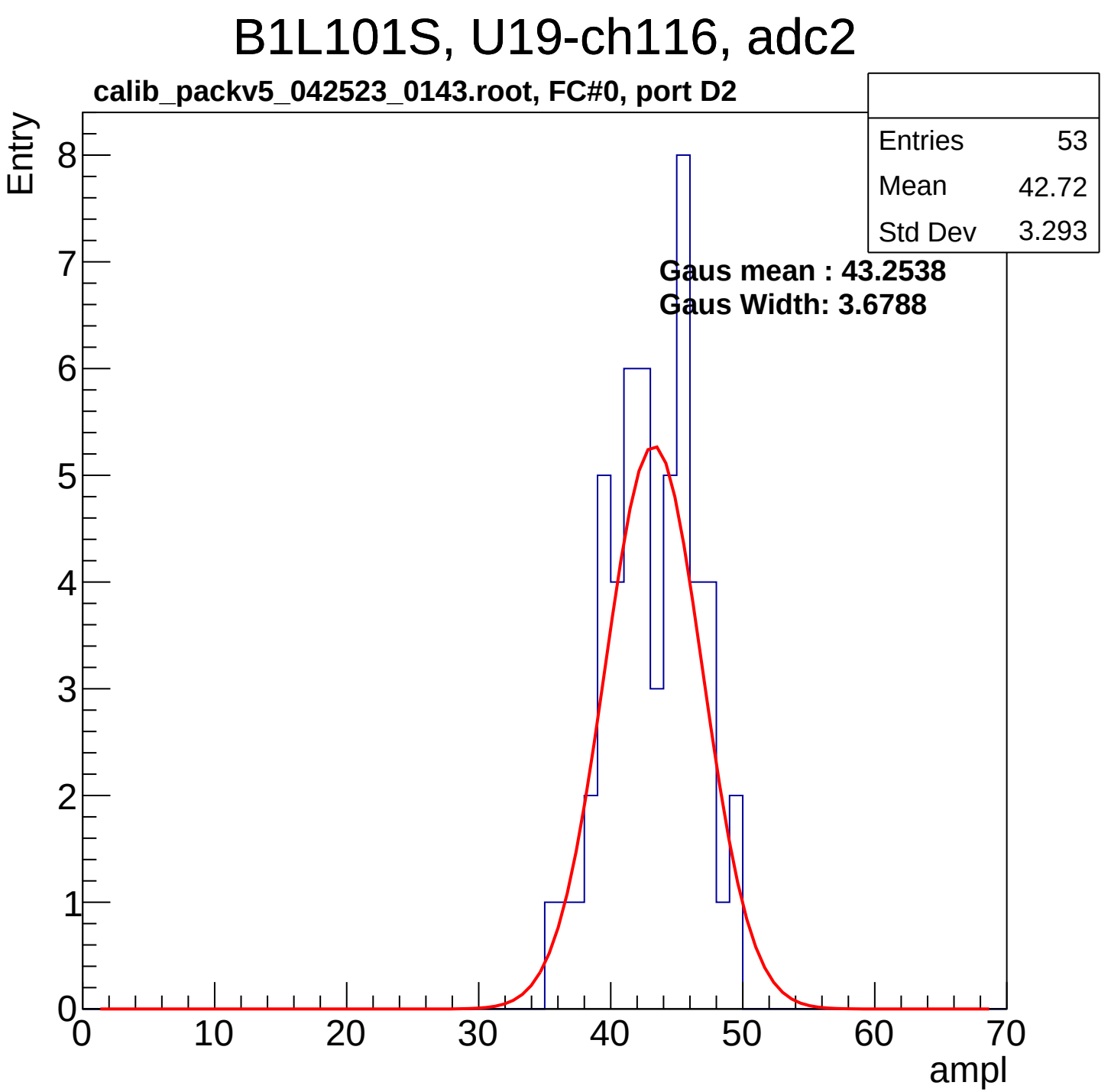
B1L101S, U19-ch116, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 42.72
Std Dev 3.293
Gaus mean : 43.2538
Gaus Width: 3.6788
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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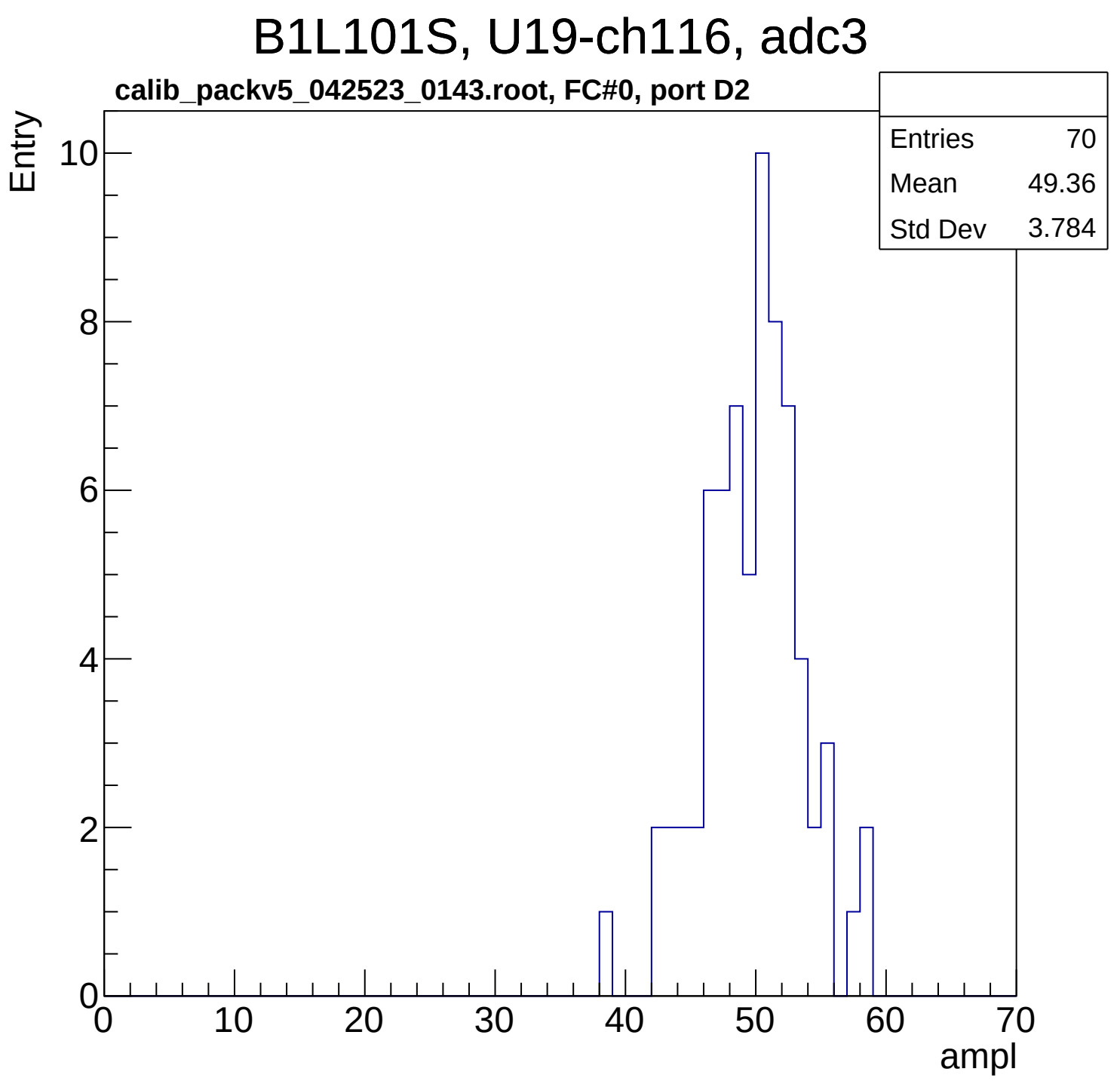
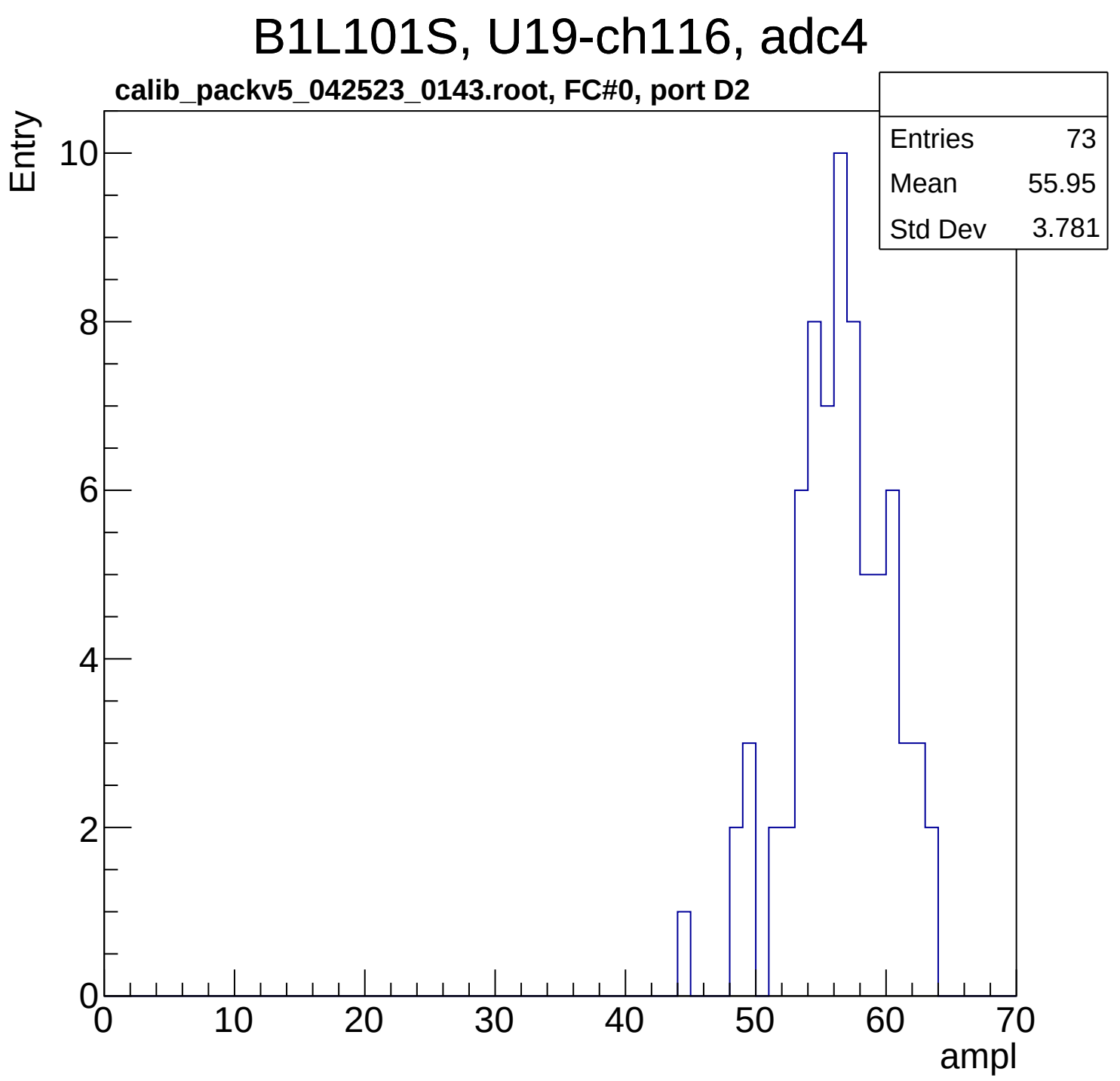
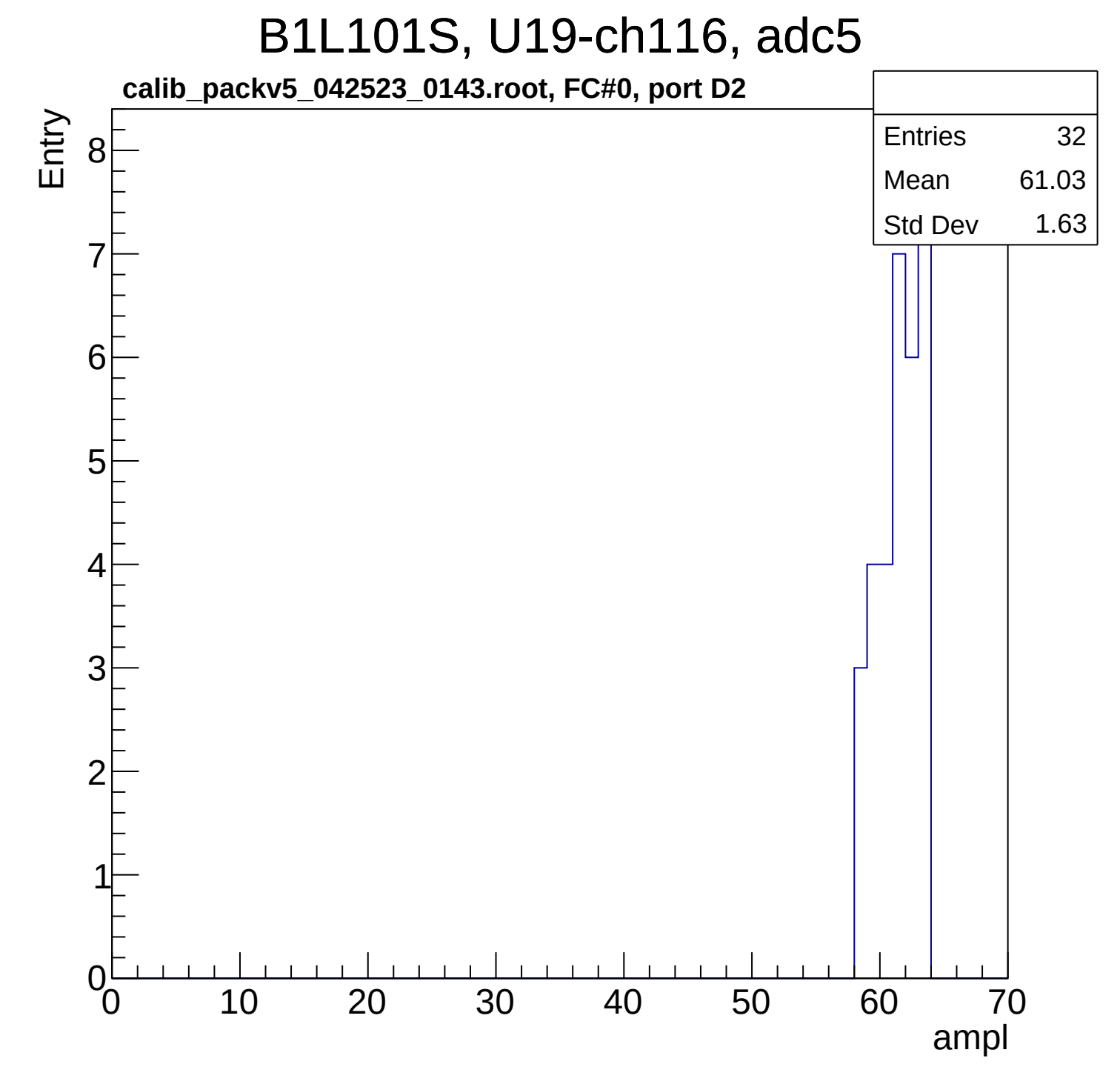
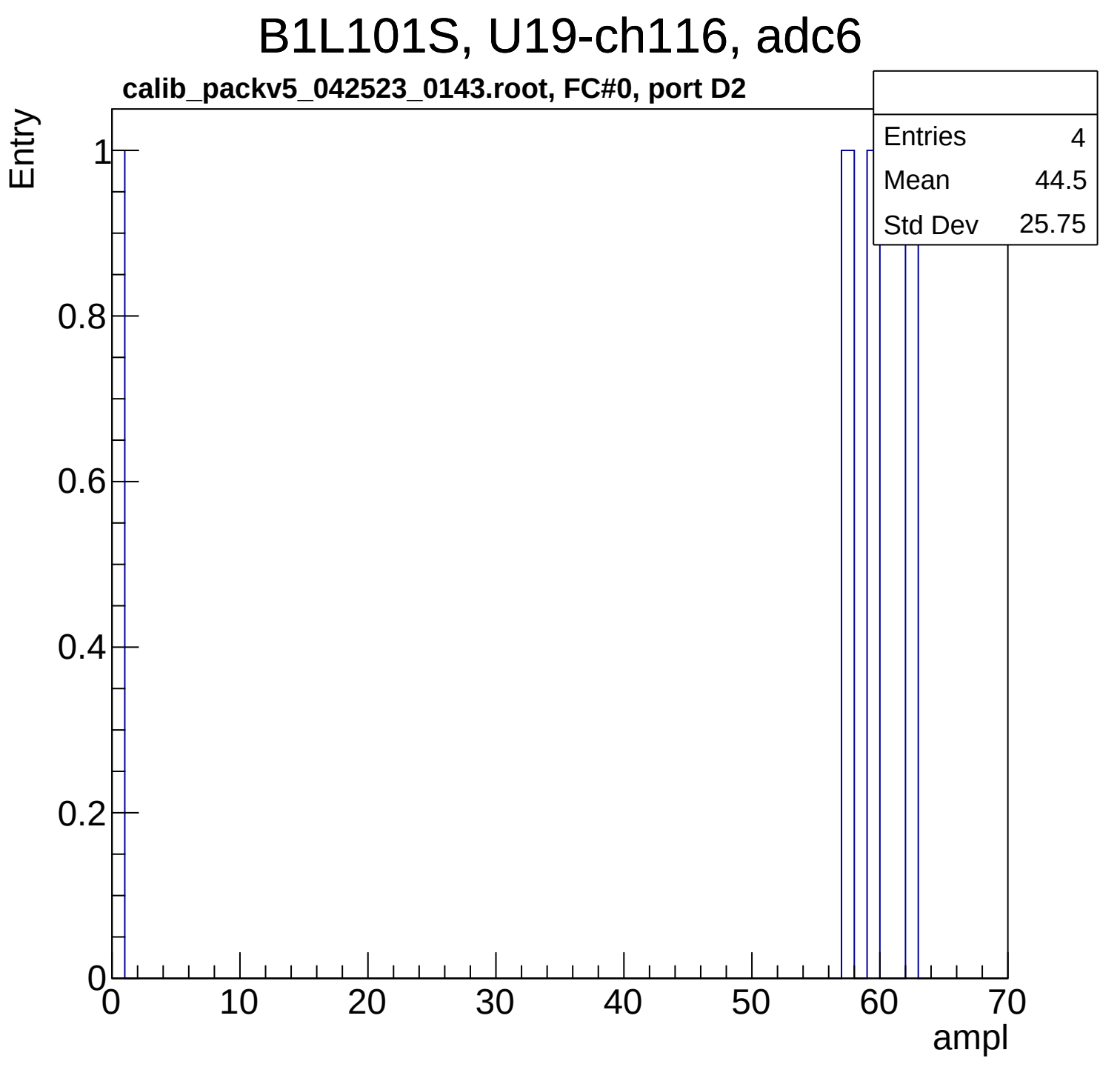
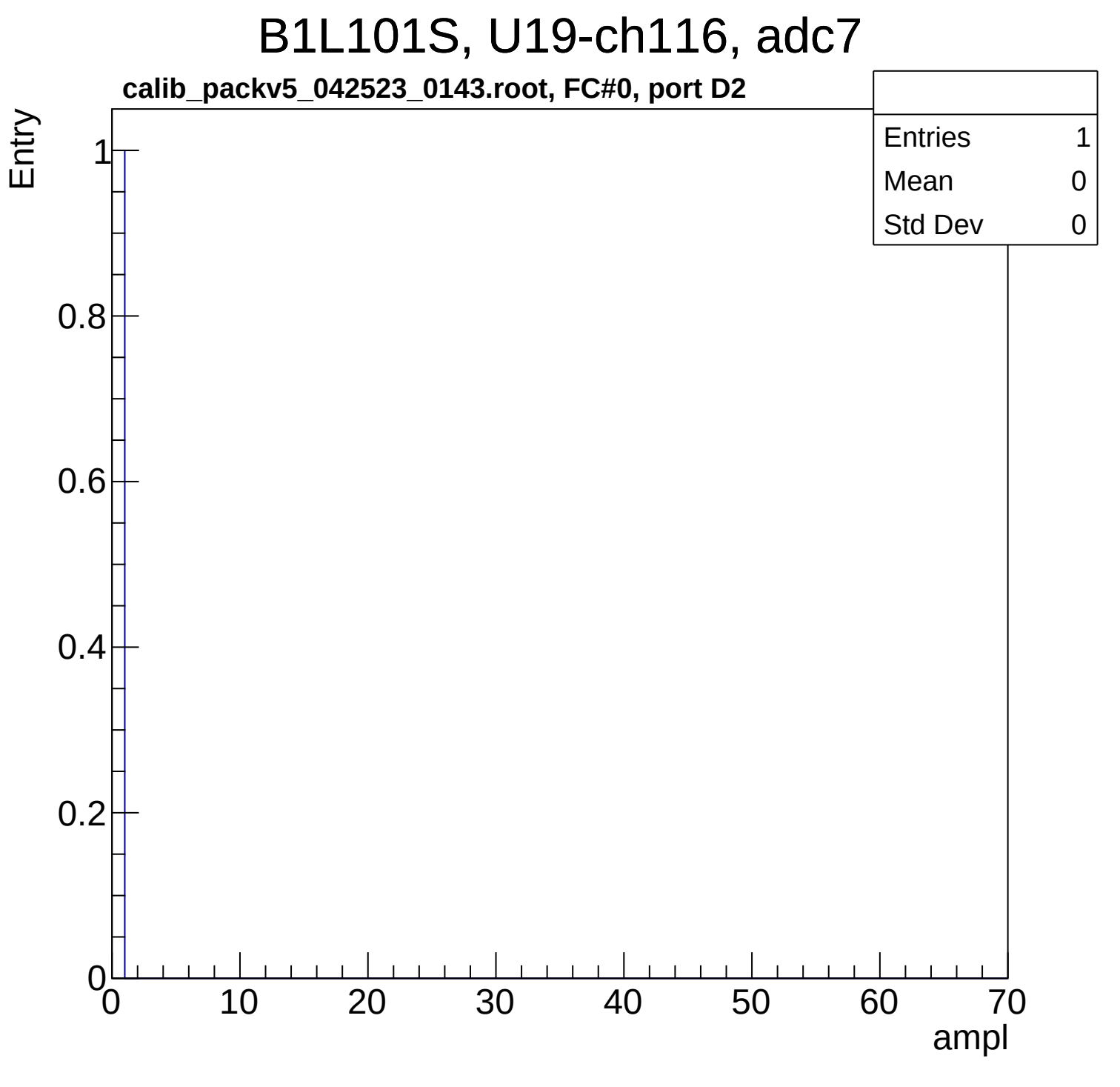
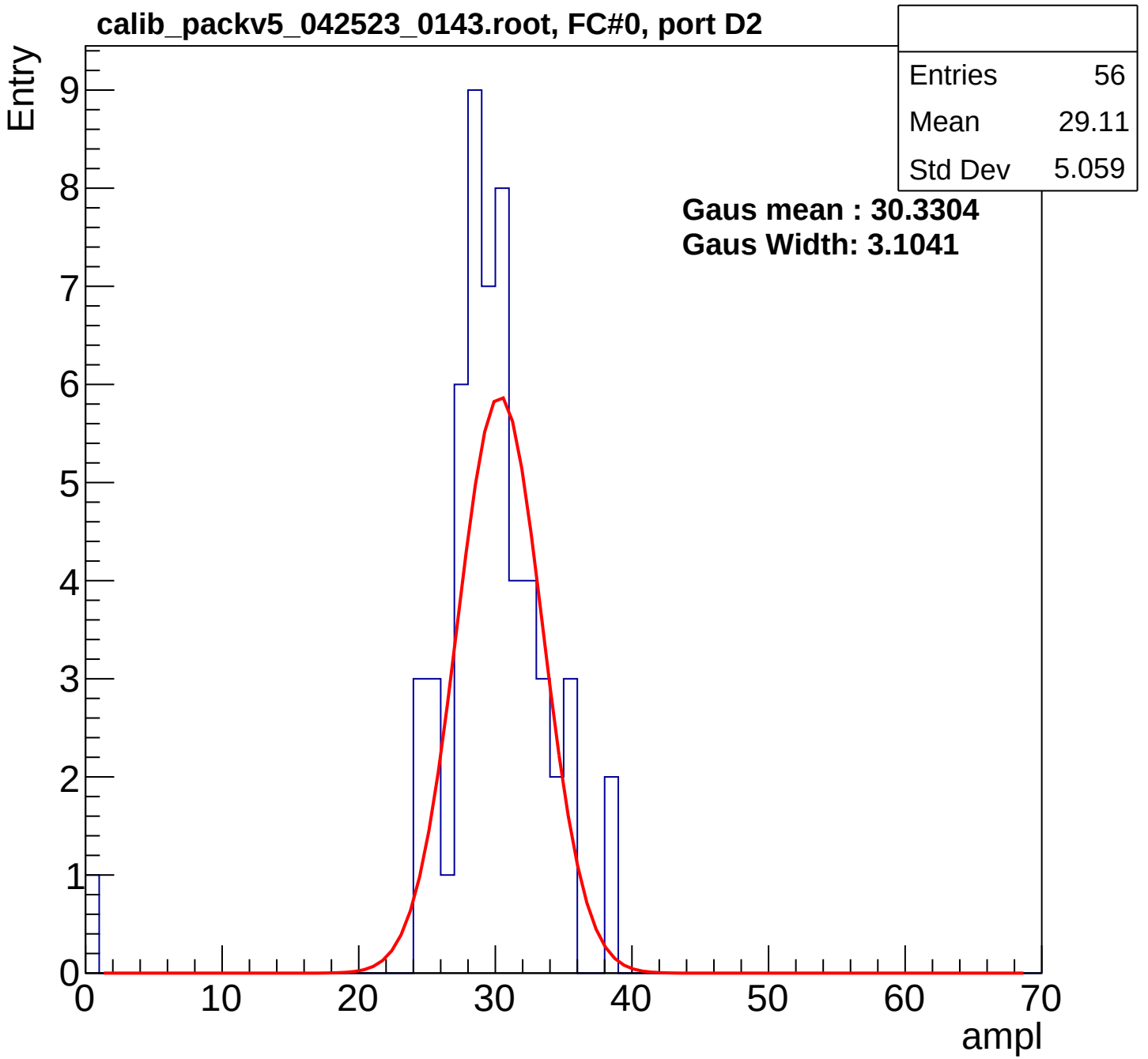

B1L101S, U19-ch116, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 49.36
Std Dev 3.784
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch116, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 55.95
Std Dev 3.781
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch116, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 32
Mean 61.03
Std Dev 1.63
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch116, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 44.5
Std Dev 25.75
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L101S, U19-ch116, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch117, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 29.11
Std Dev 5.059
Gaus mean : 30.3304
Gaus Width: 3.1041
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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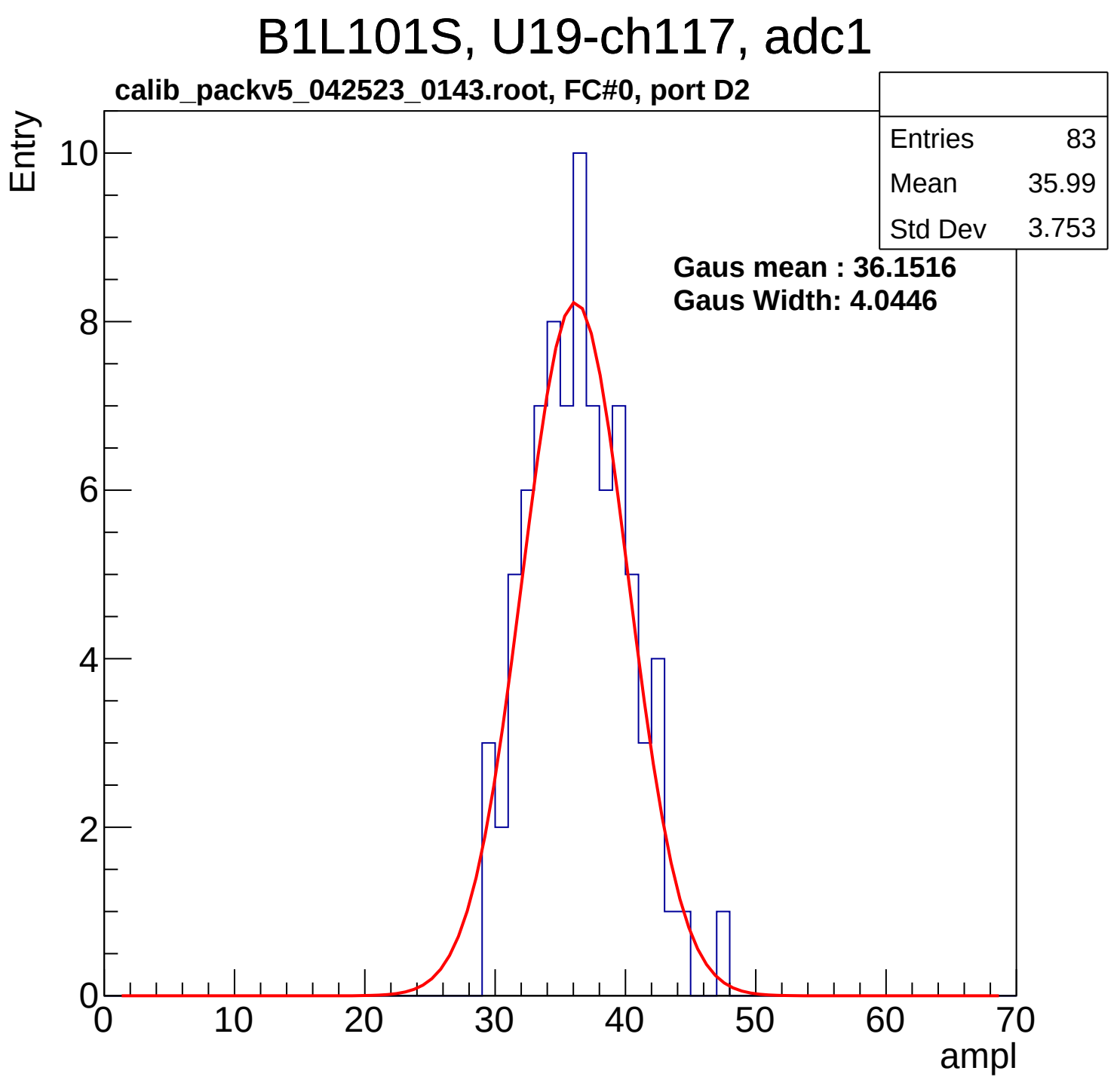
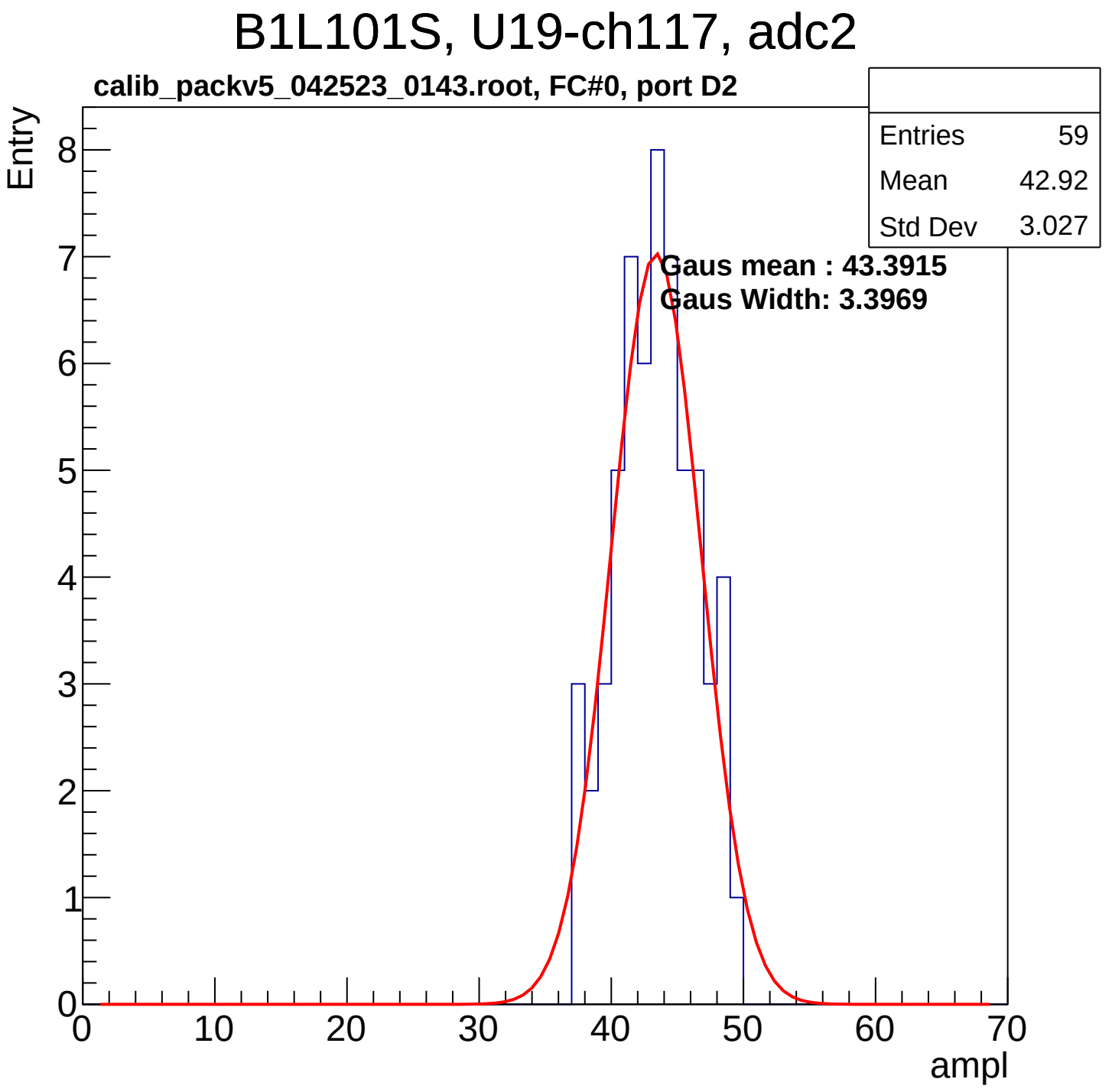
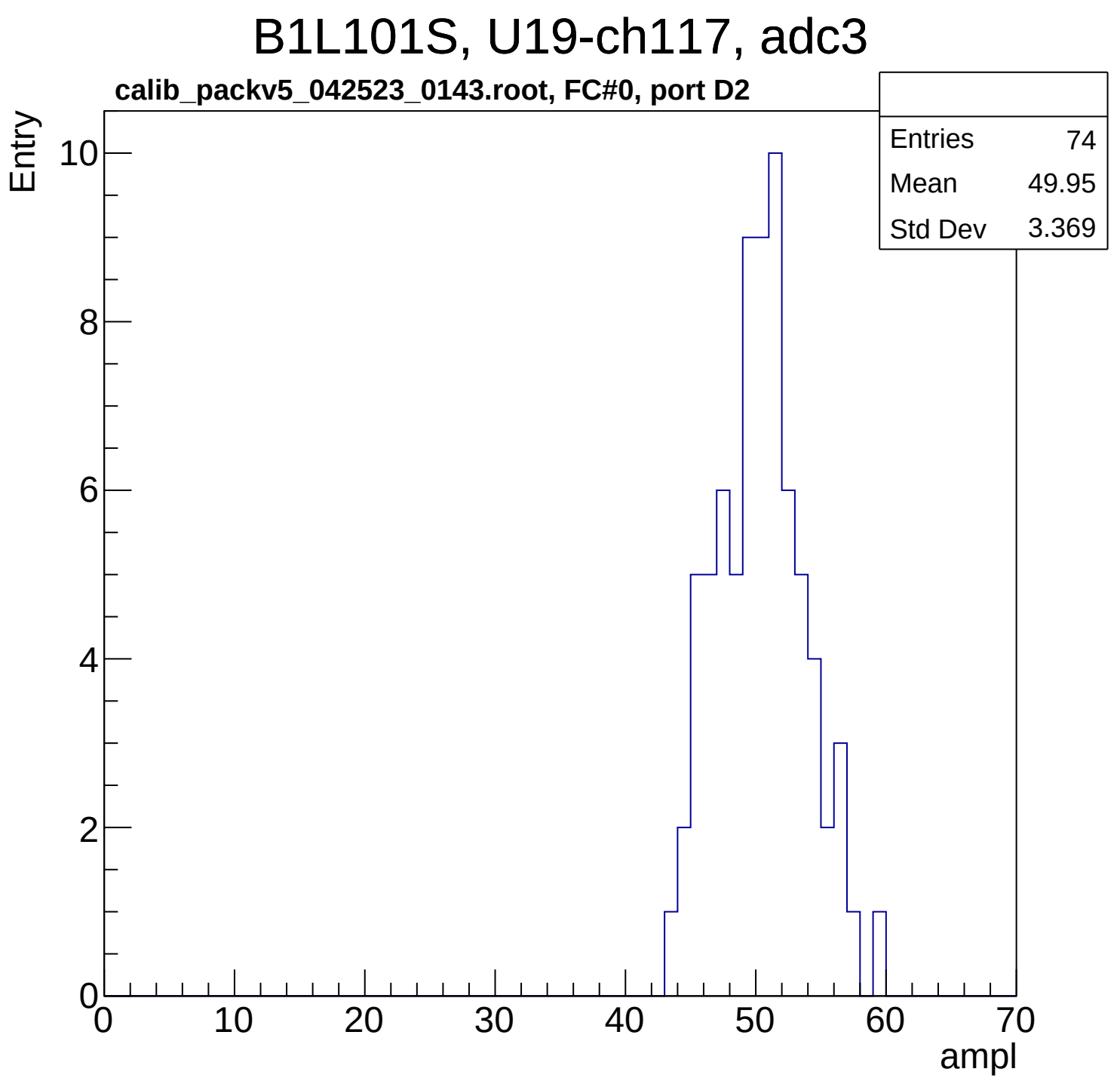
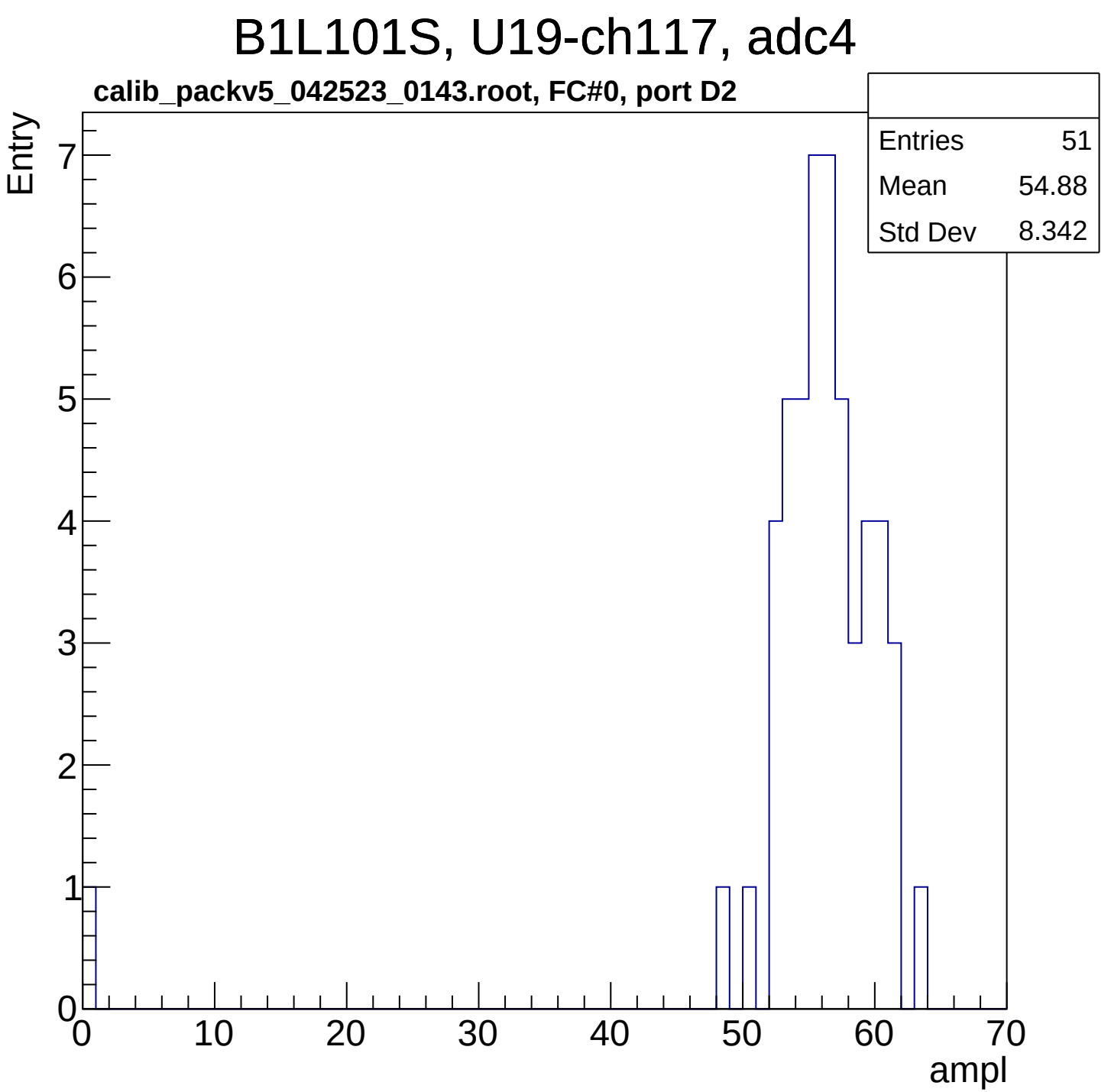
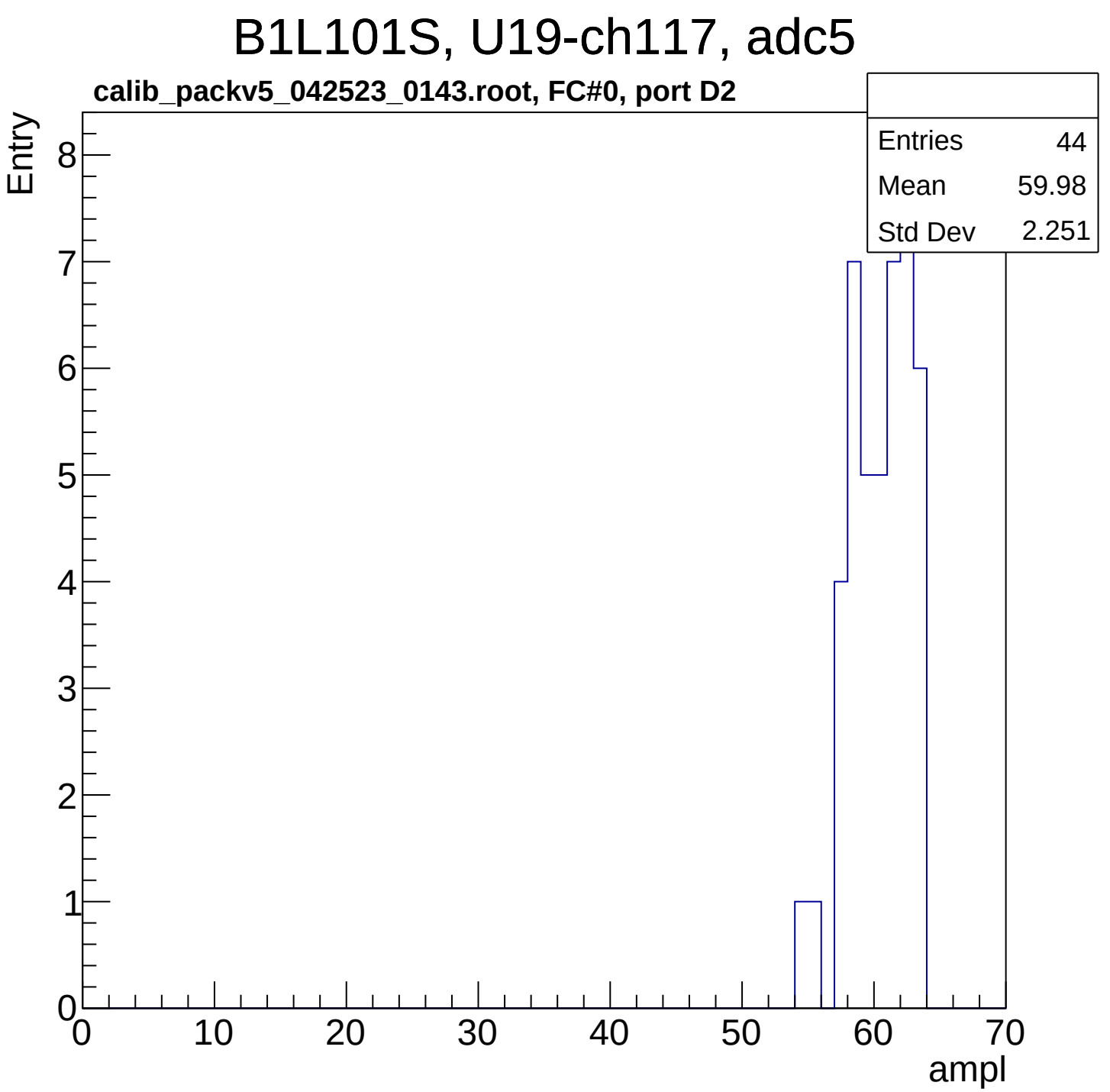

B1L101S, U19-ch117, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 35.99
Std Dev 3.753
Gaus mean : 36.1516
Gaus Width: 4.0446
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch117, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 42.92
Std Dev 3.027
Gaus mean : 43.3915
Gaus Width: 3.3969
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch117, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 49.95
Std Dev 3.369
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch117, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 54.88
Std Dev 8.342
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch117, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 59.98
Std Dev 2.251
Entry
ampl
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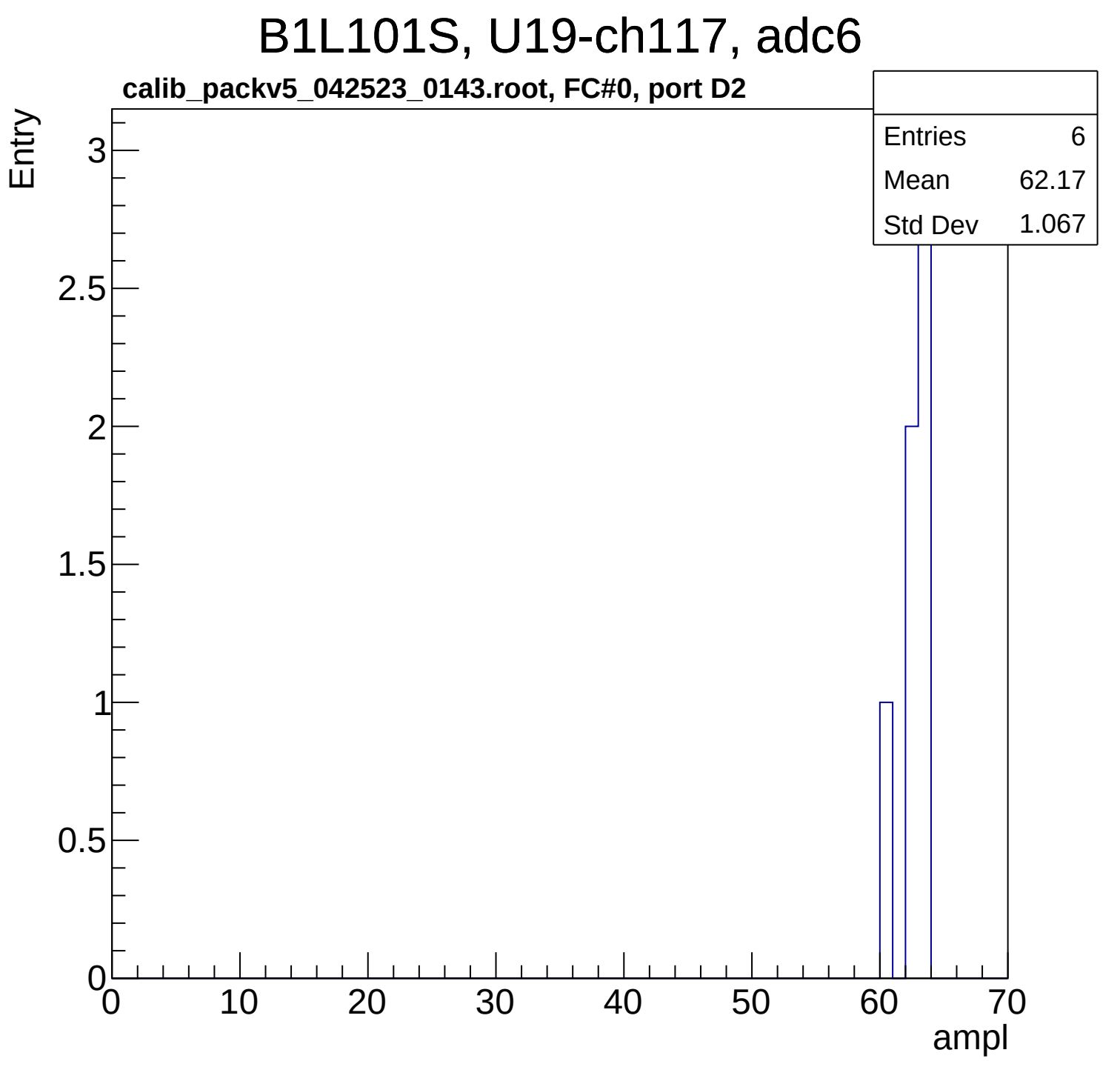
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch117, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 62.17
Std Dev 1.067
Entry
ampl
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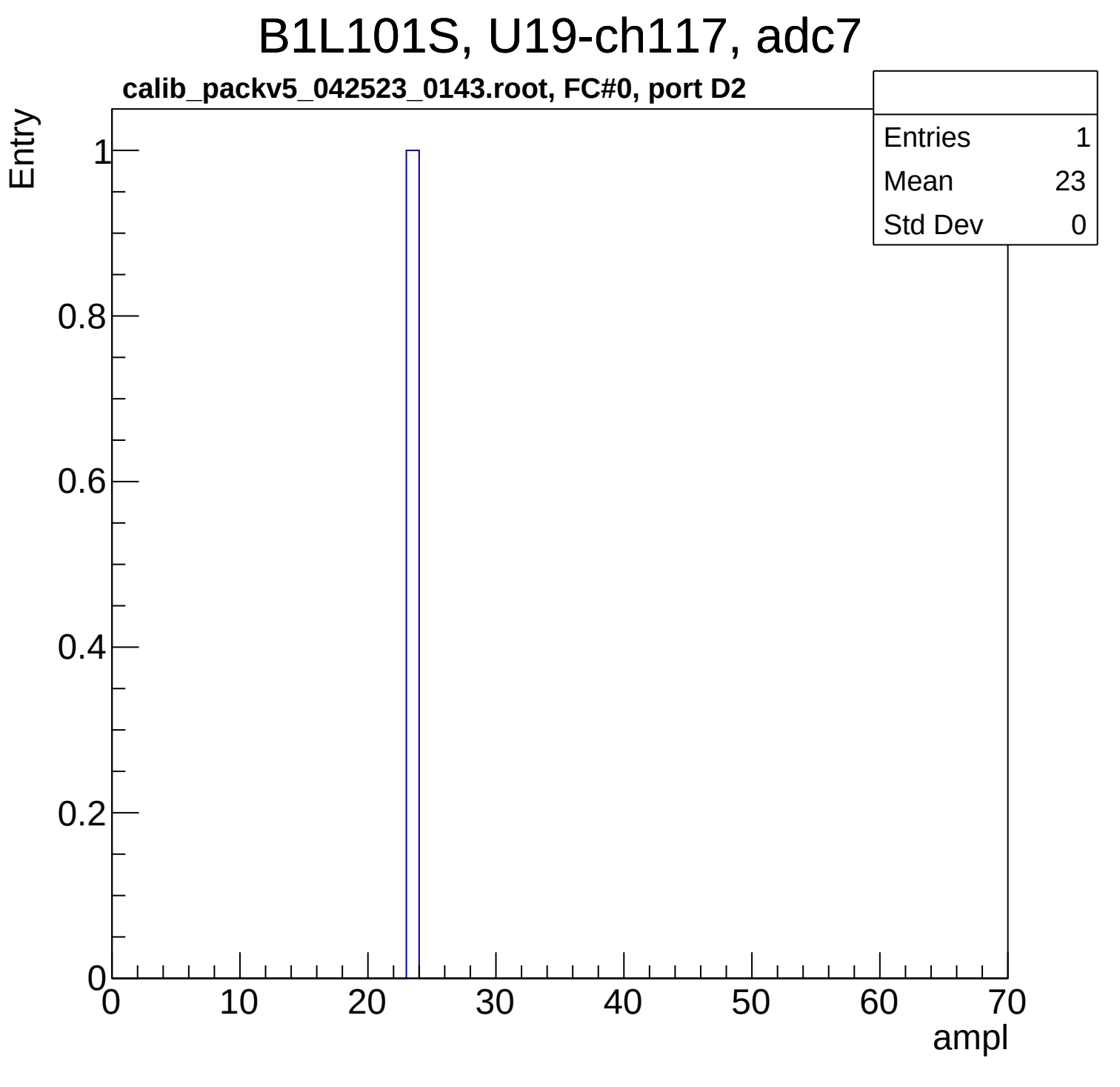
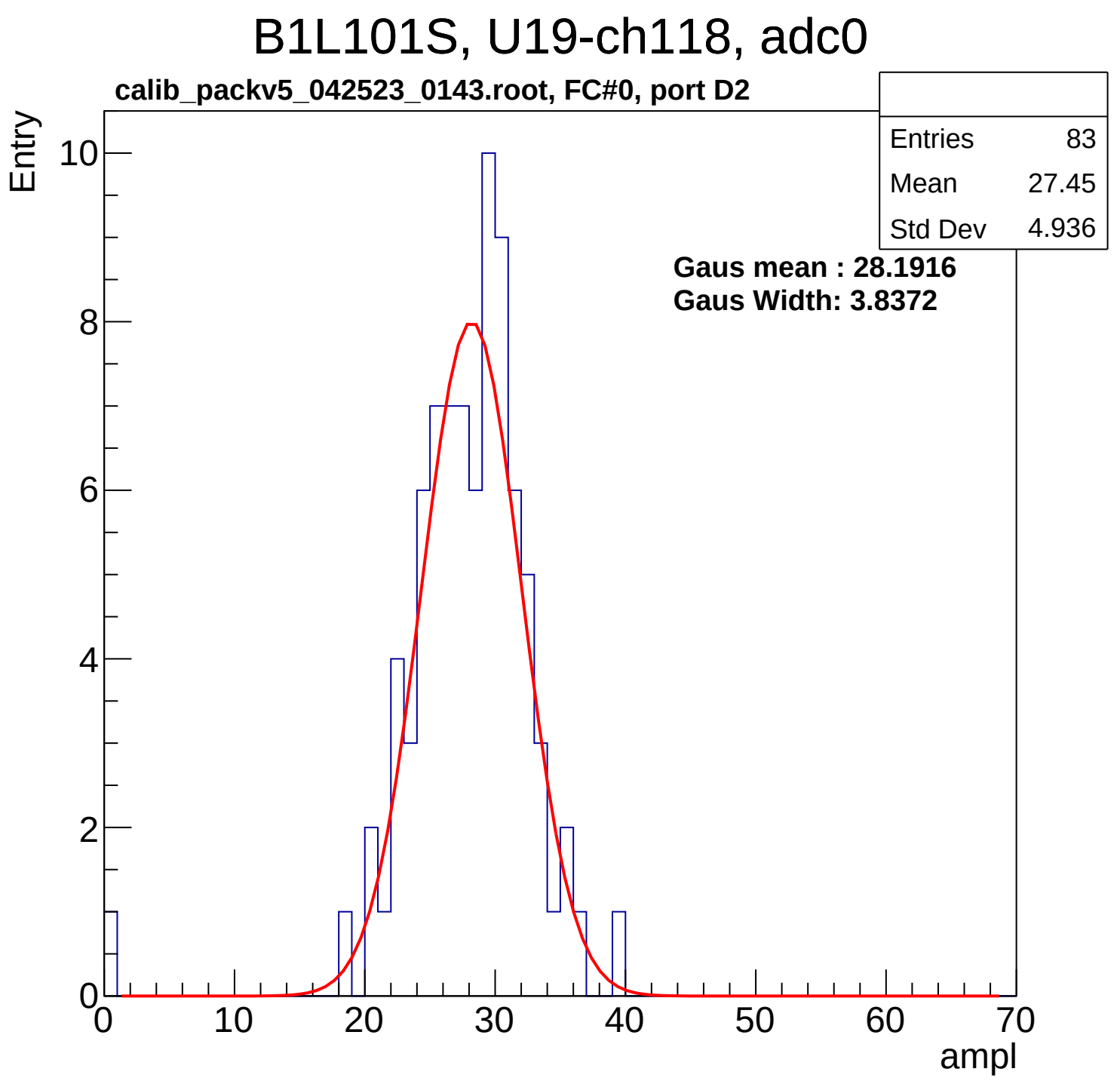
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U19-ch117, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch118, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 27.45
Std Dev 4.936
Gaus mean : 28.1916
Gaus Width: 3.8372
Entry
ampl
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2
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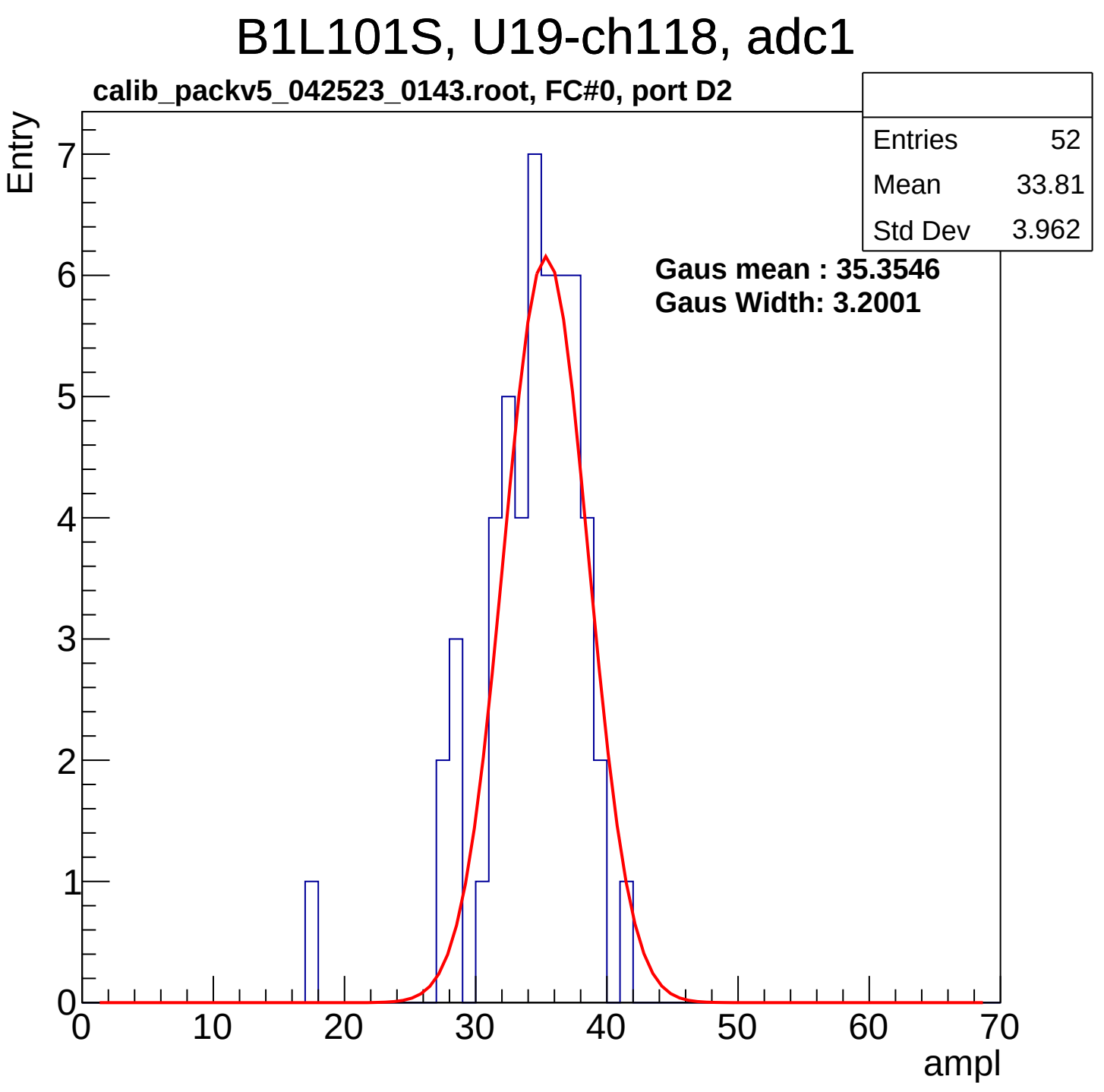
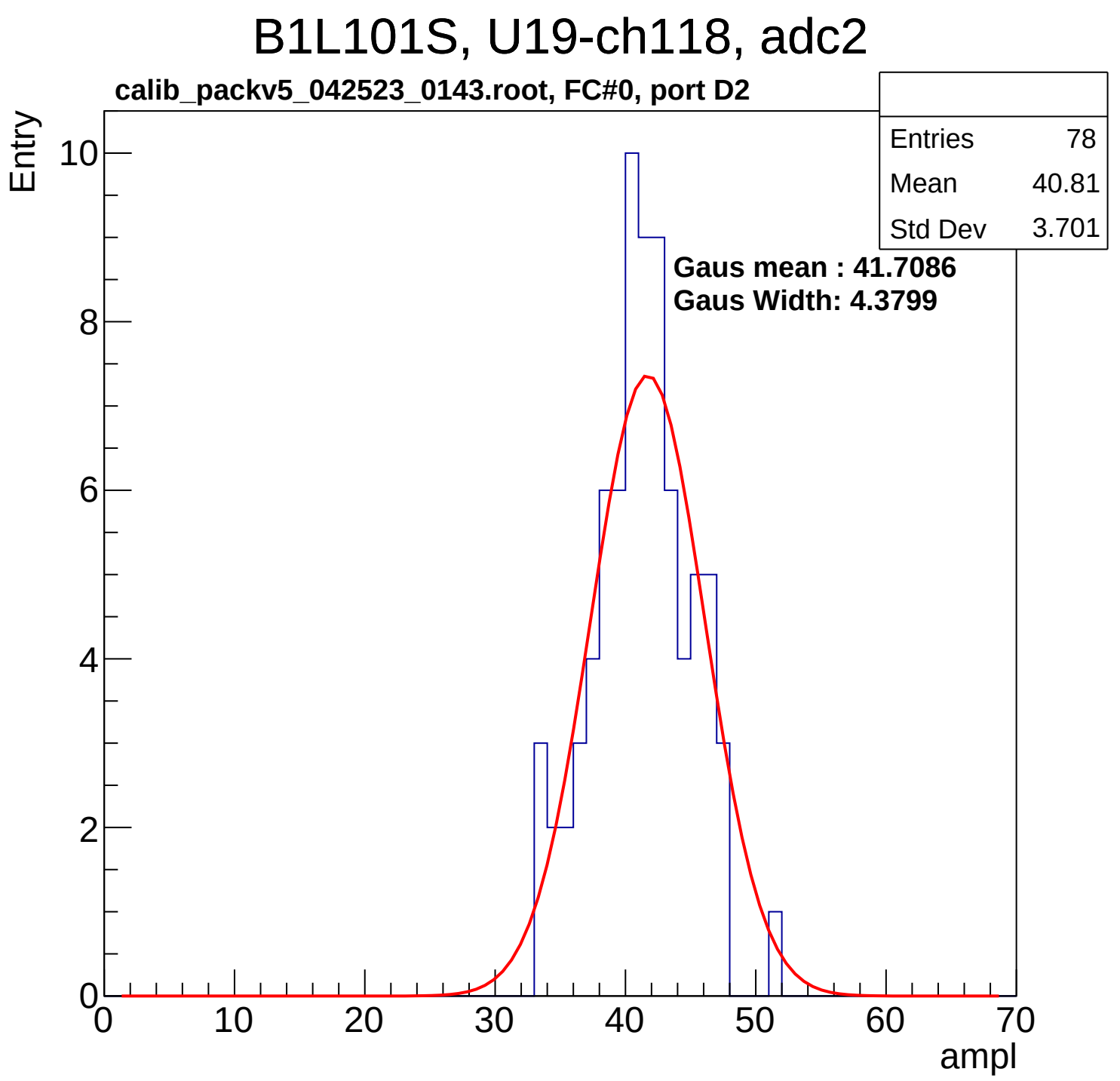
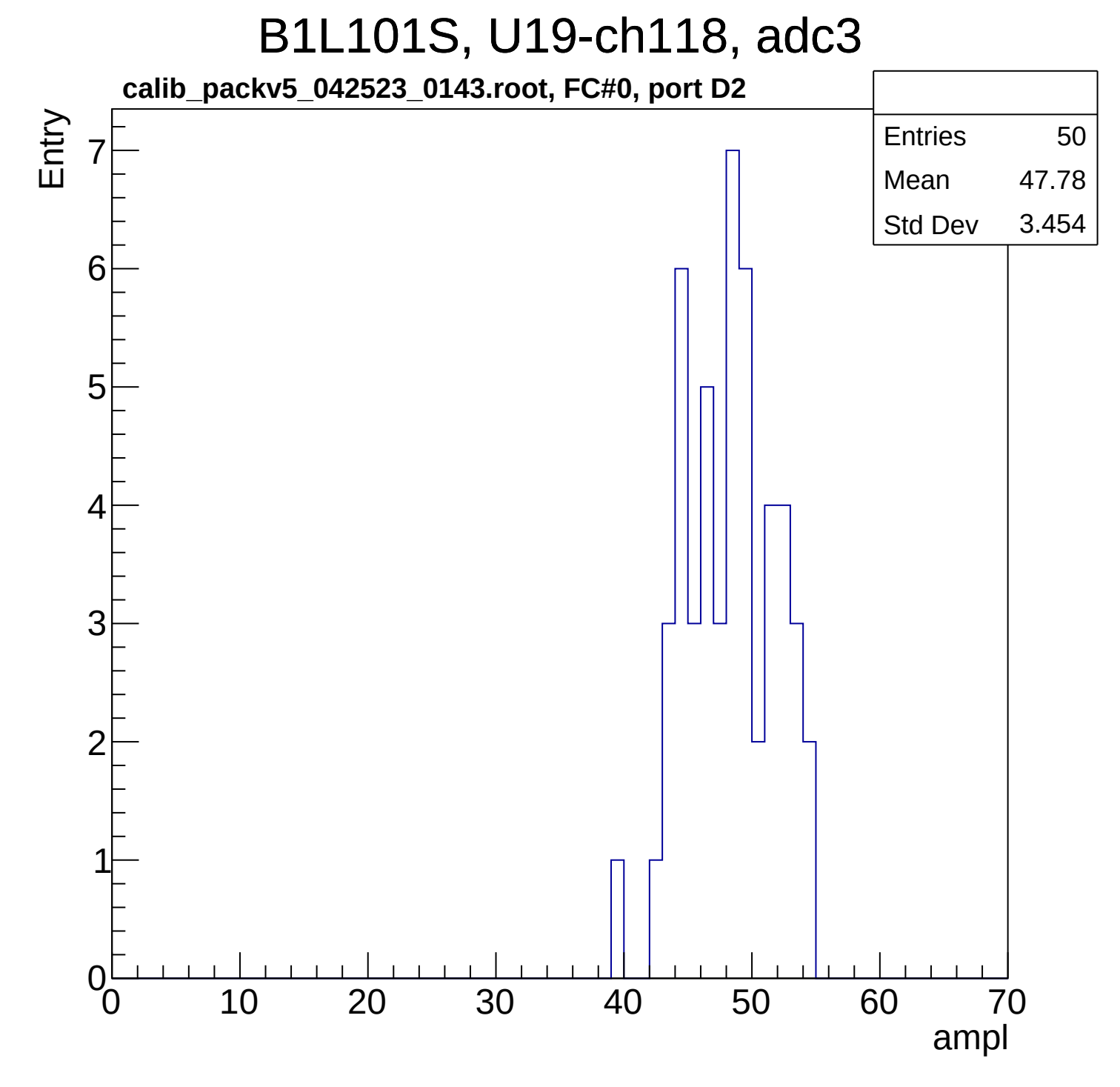
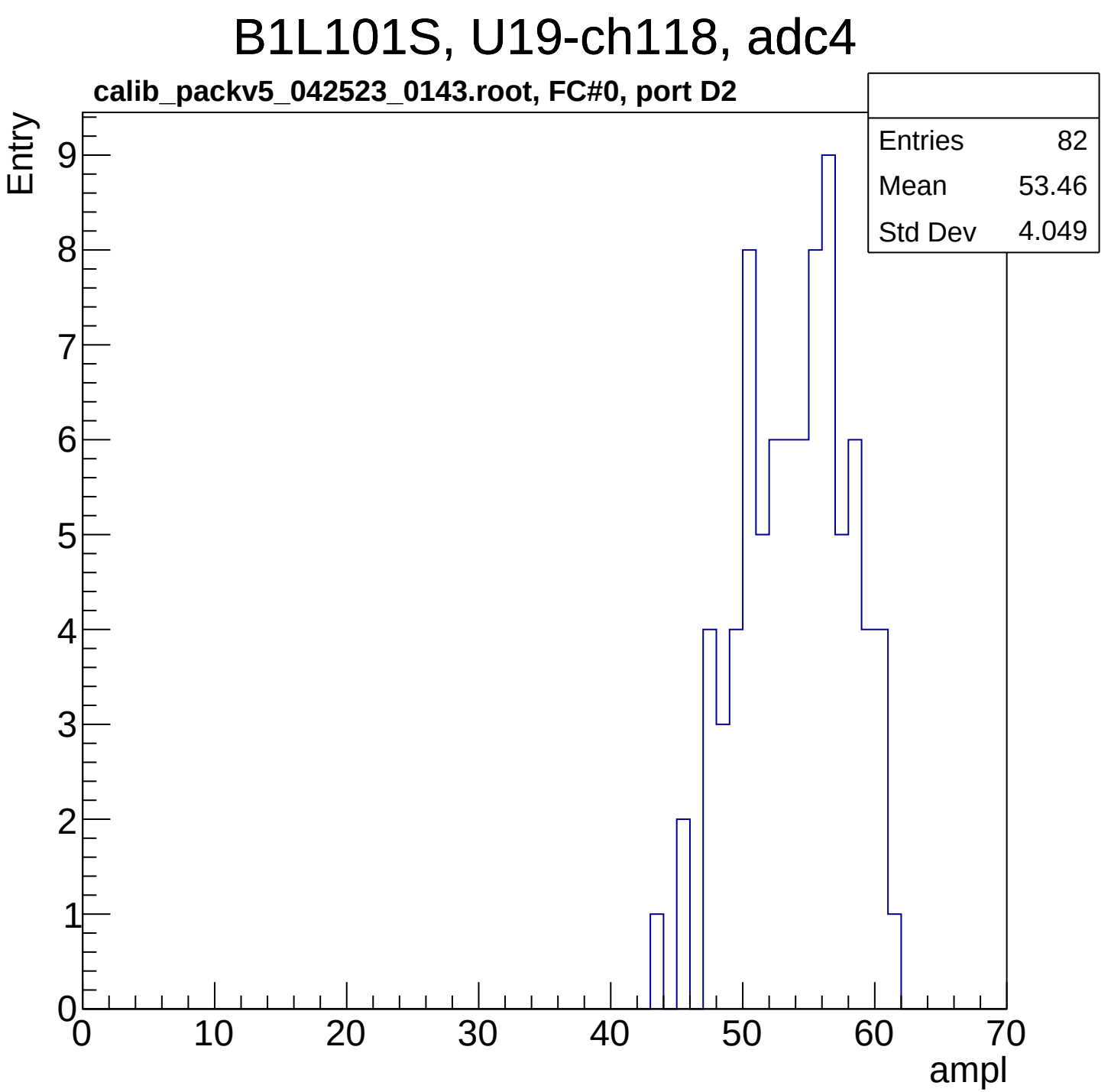
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch118, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 33.81
Std Dev 3.962
Gaus mean : 35.3546
Gaus Width: 3.2001
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch118, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 40.81
Std Dev 3.701
Gaus mean : 41.7086
Gaus Width: 4.3799
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch118, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 47.78
Std Dev 3.454
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch118, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 53.46
Std Dev 4.049
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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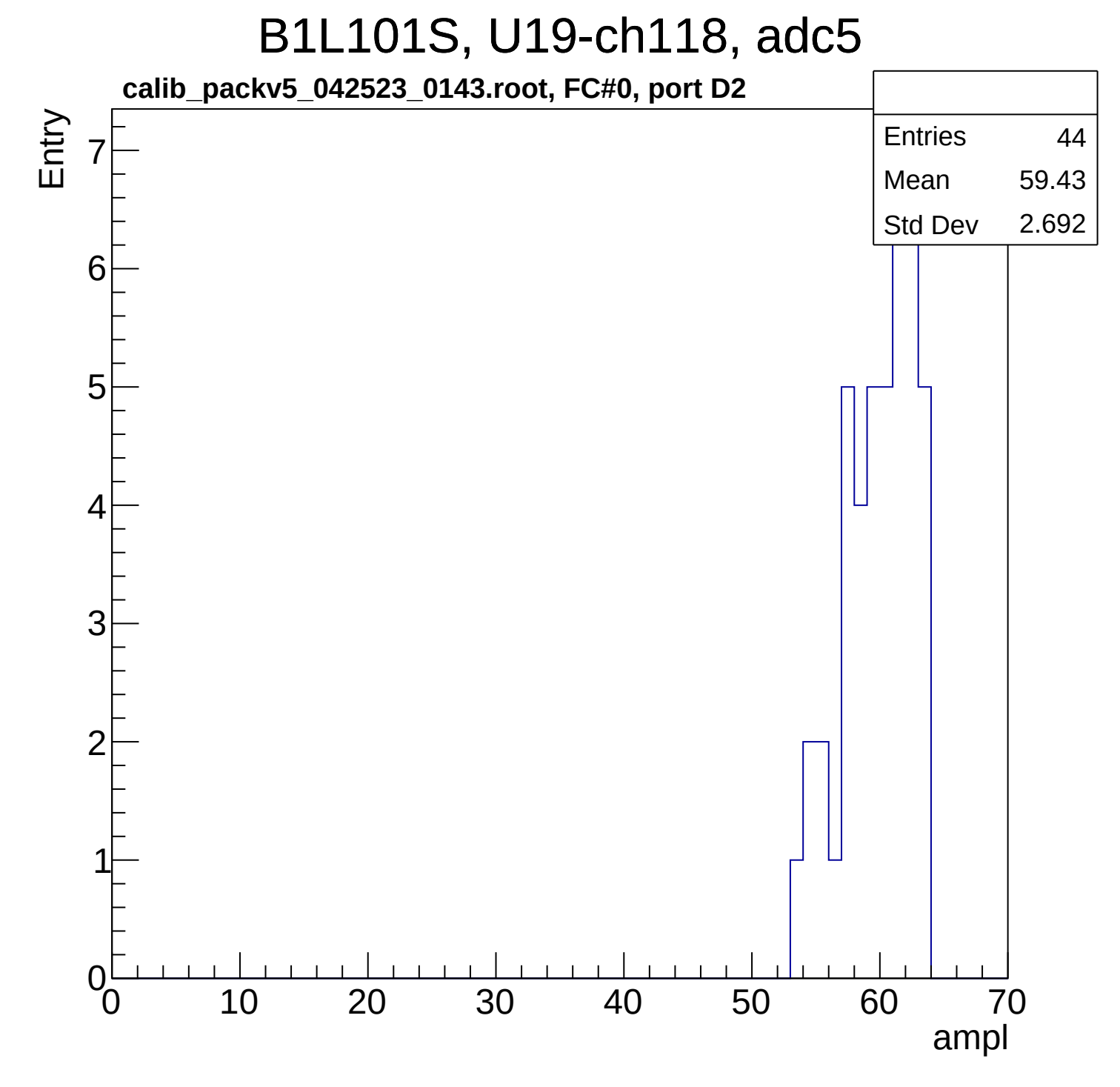
B1L101S, U19-ch118, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 59.43
Std Dev 2.692
Entry
ampl
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2
3
4
5
6
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0
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40
50
60
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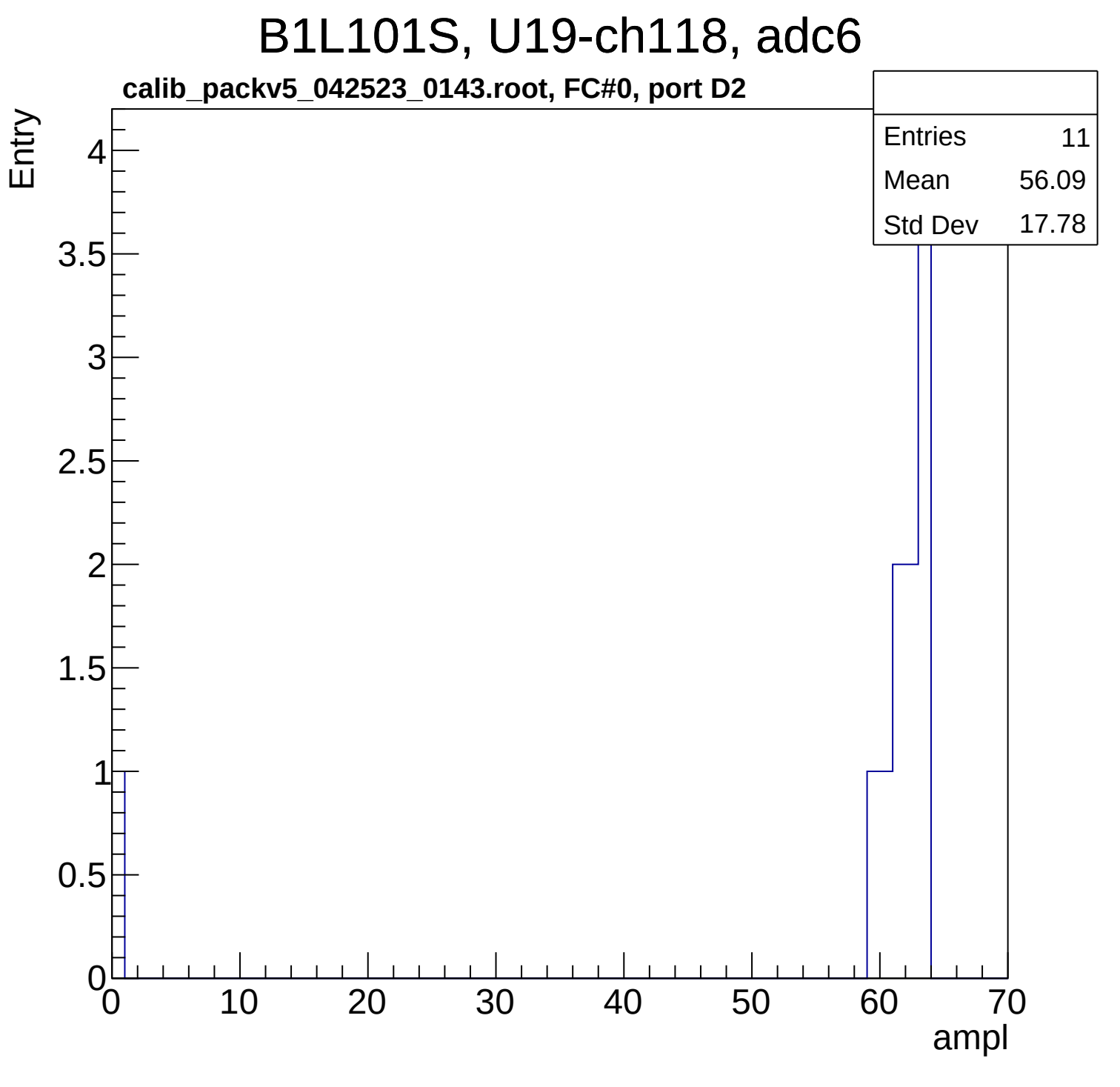
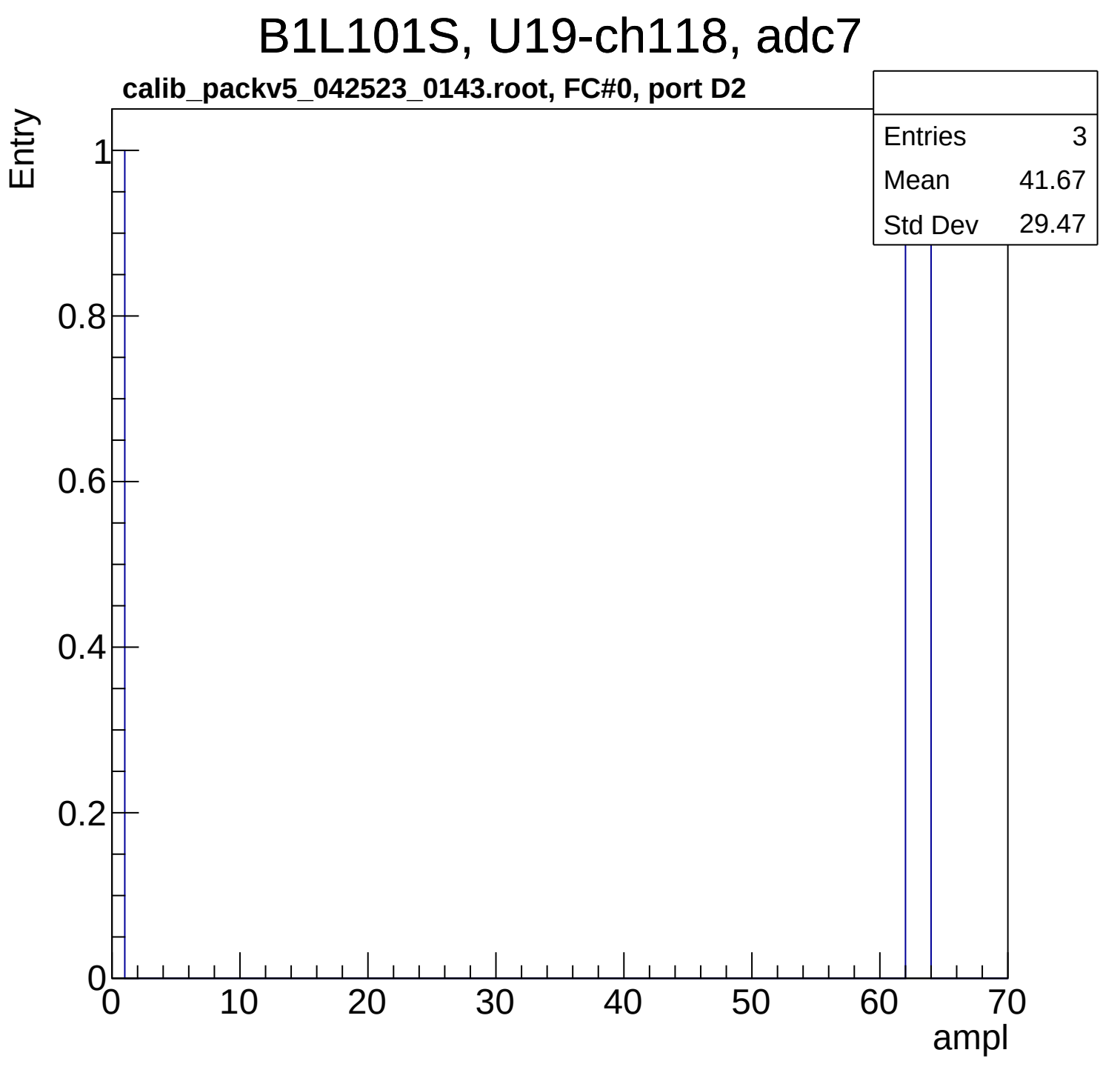

B1L101S, U19-ch118, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 56.09
Std Dev 17.78
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch118, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 41.67
Std Dev 29.47
Entry
1
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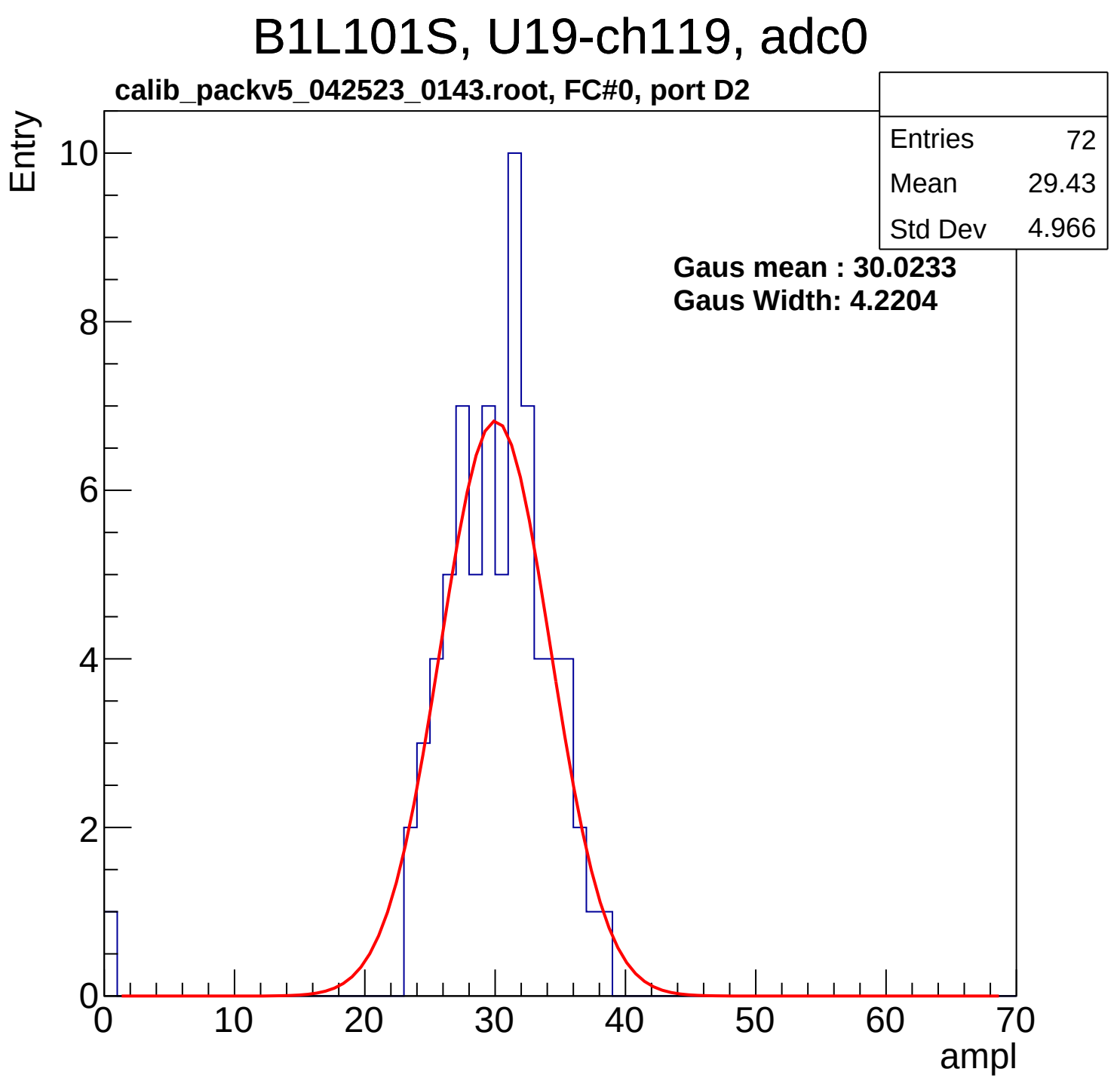
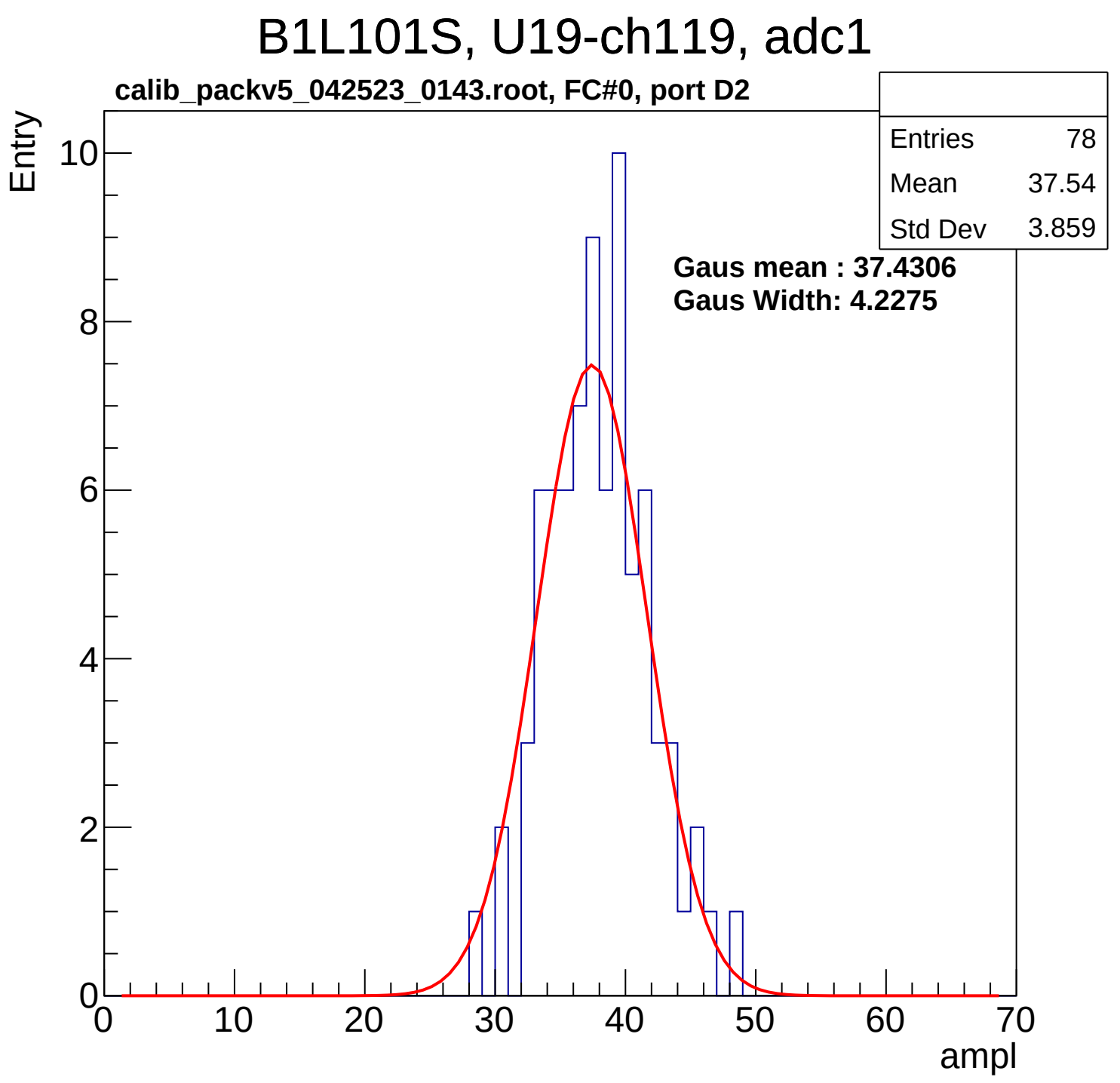
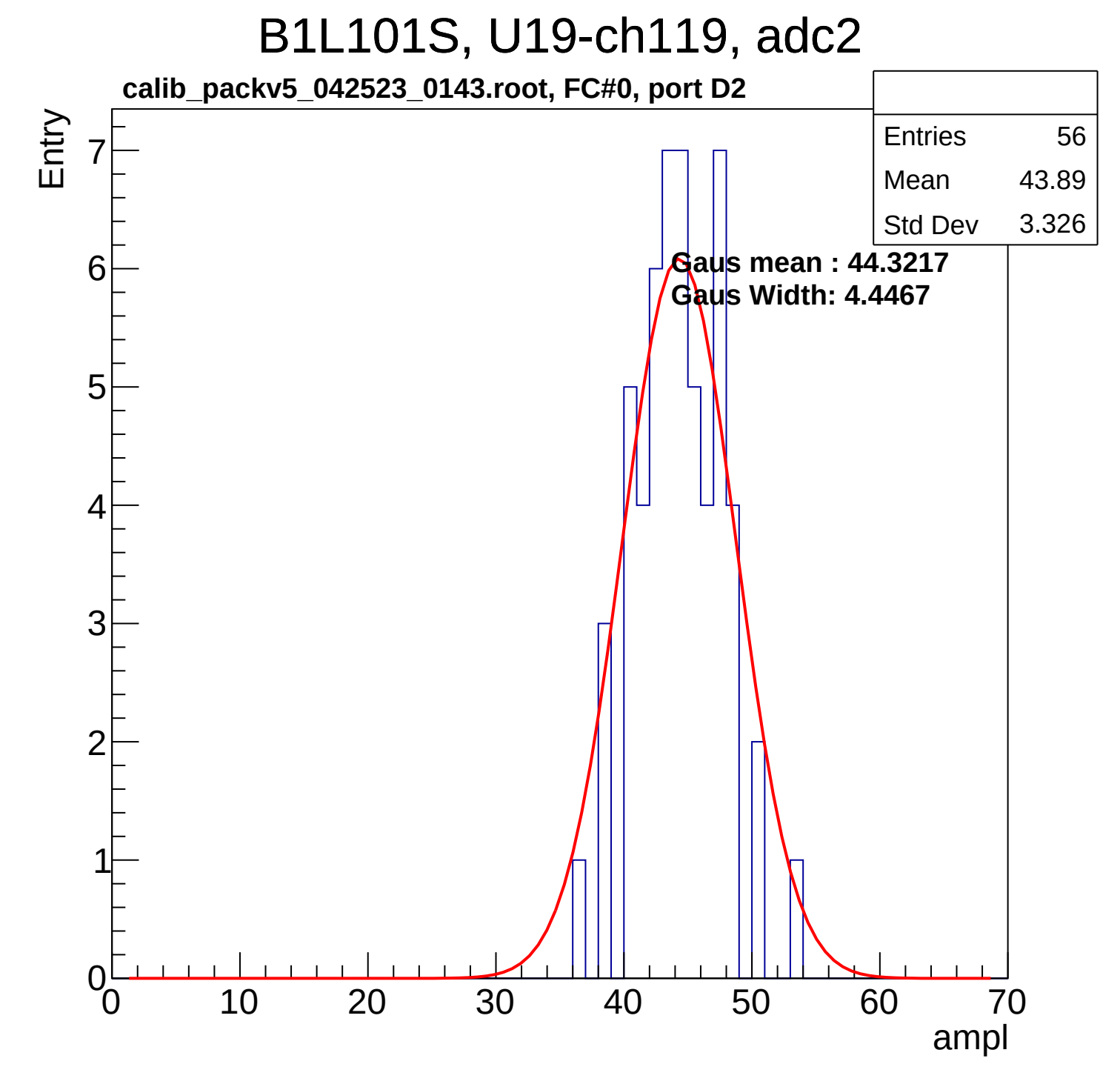
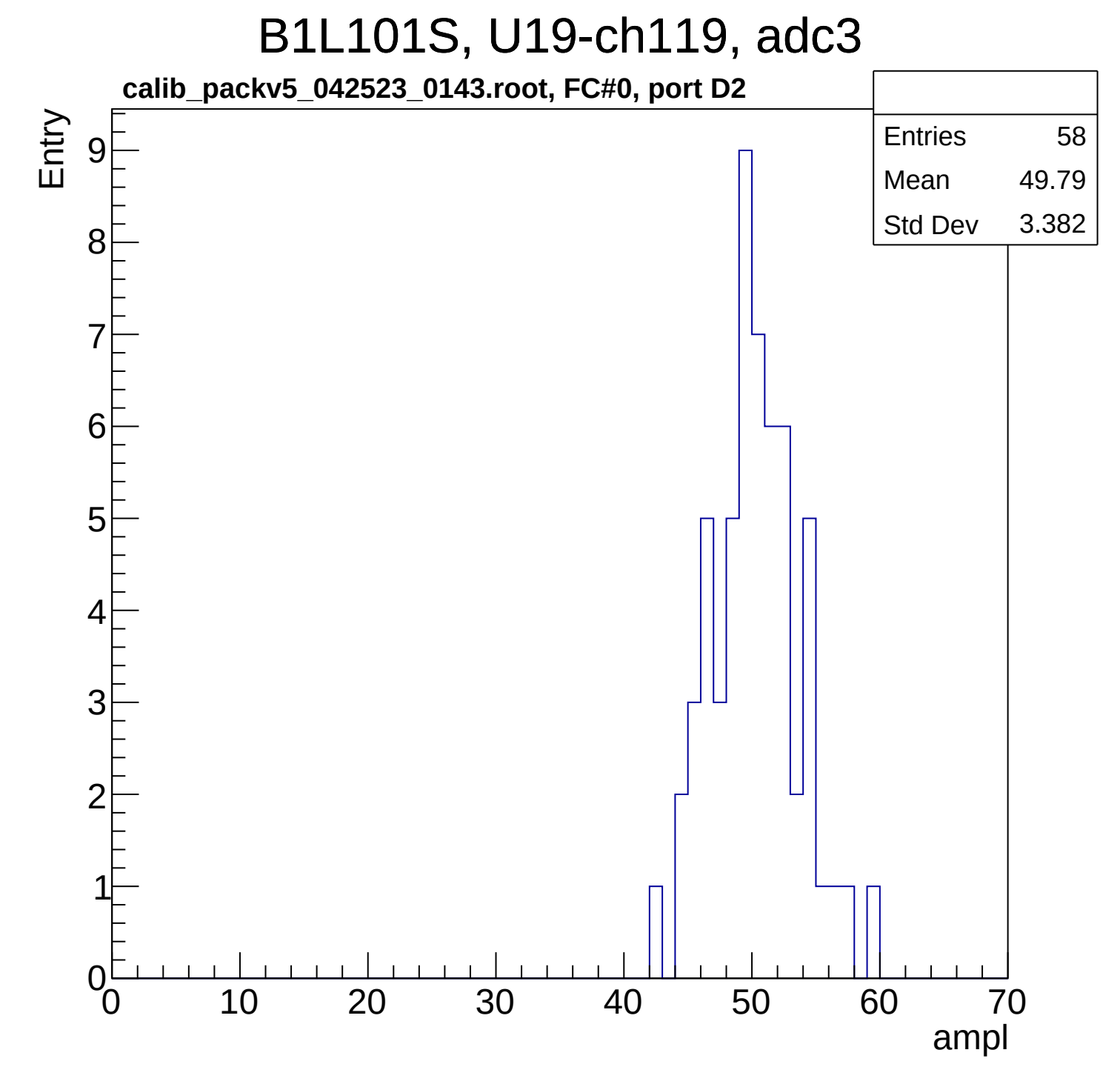
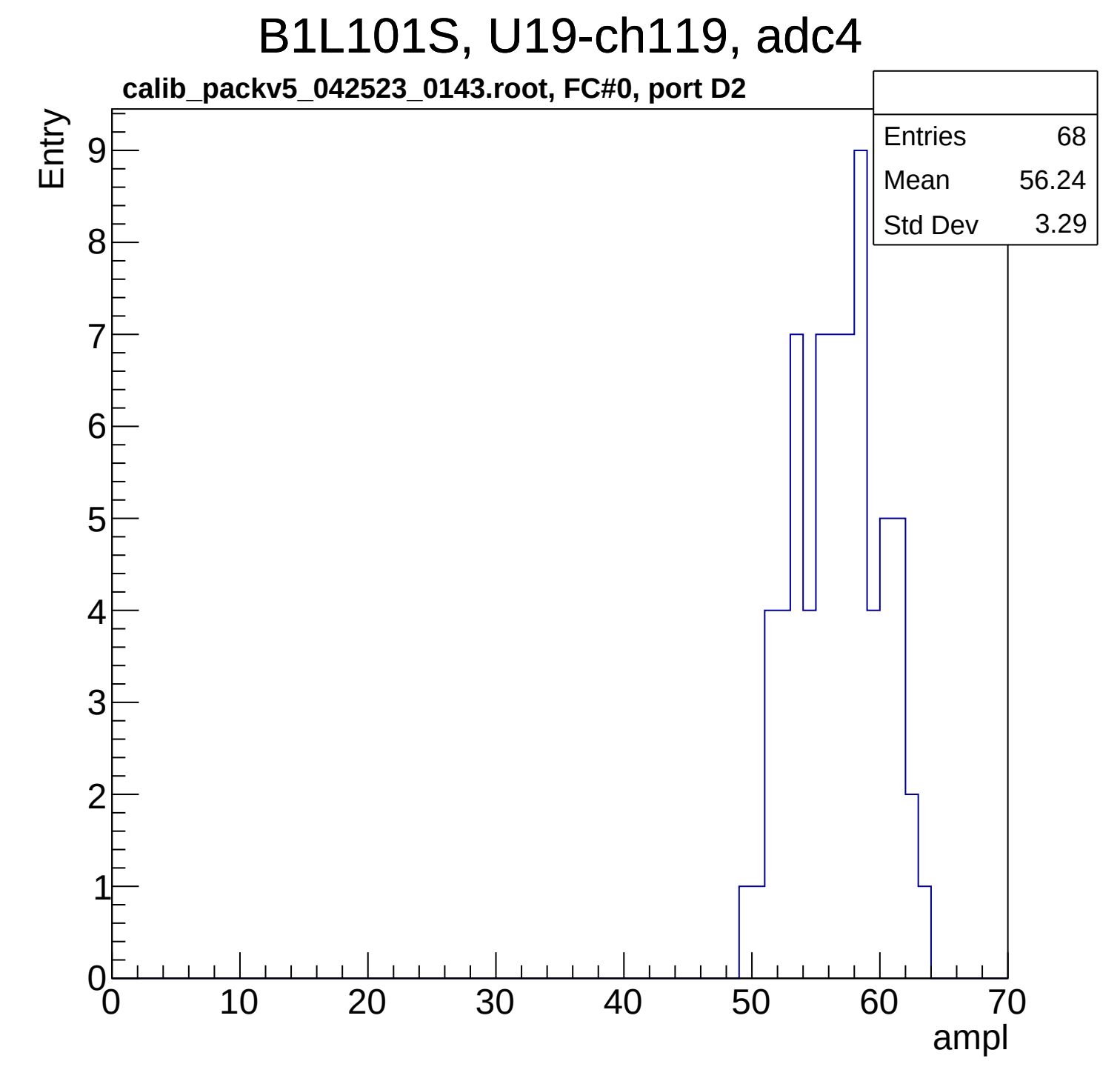
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch119, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 29.43
Std Dev 4.966
Gaus mean : 30.0233
Gaus Width: 4.2204
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch119, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 37.54
Std Dev 3.859
Gaus mean : 37.4306
Gaus Width: 4.2275
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch119, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 43.89
Std Dev 3.326
Gaus mean : 44.3217
Gaus Width: 4.4467
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch119, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 49.79
Std Dev 3.382
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch119, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 56.24
Std Dev 3.29
Entry
ampl
0
1
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3
4
5
6
7
8
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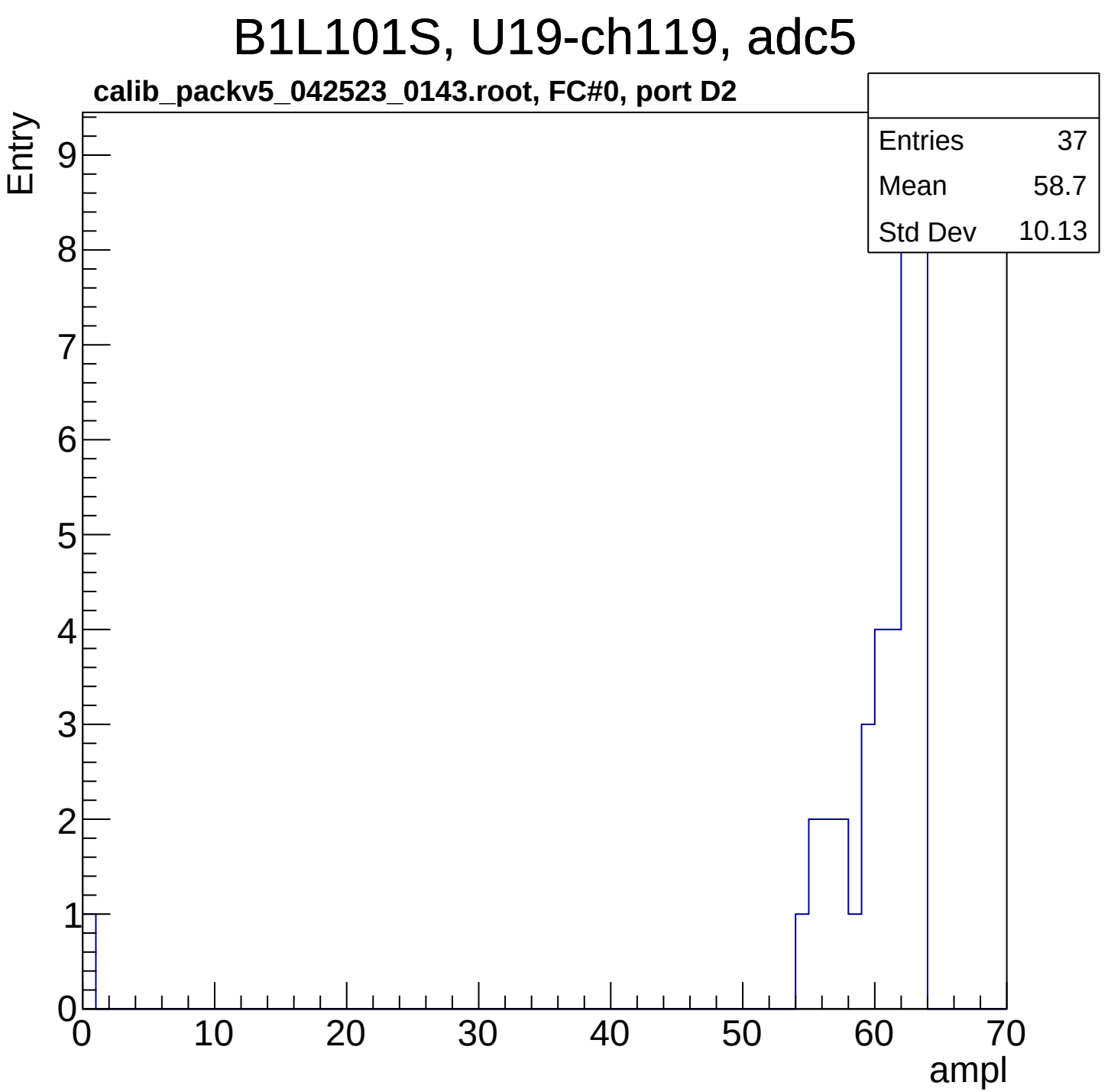
B1L101S, U19-ch119, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 58.7
Std Dev 10.13
Entry
ampl
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3
4
5
6
7
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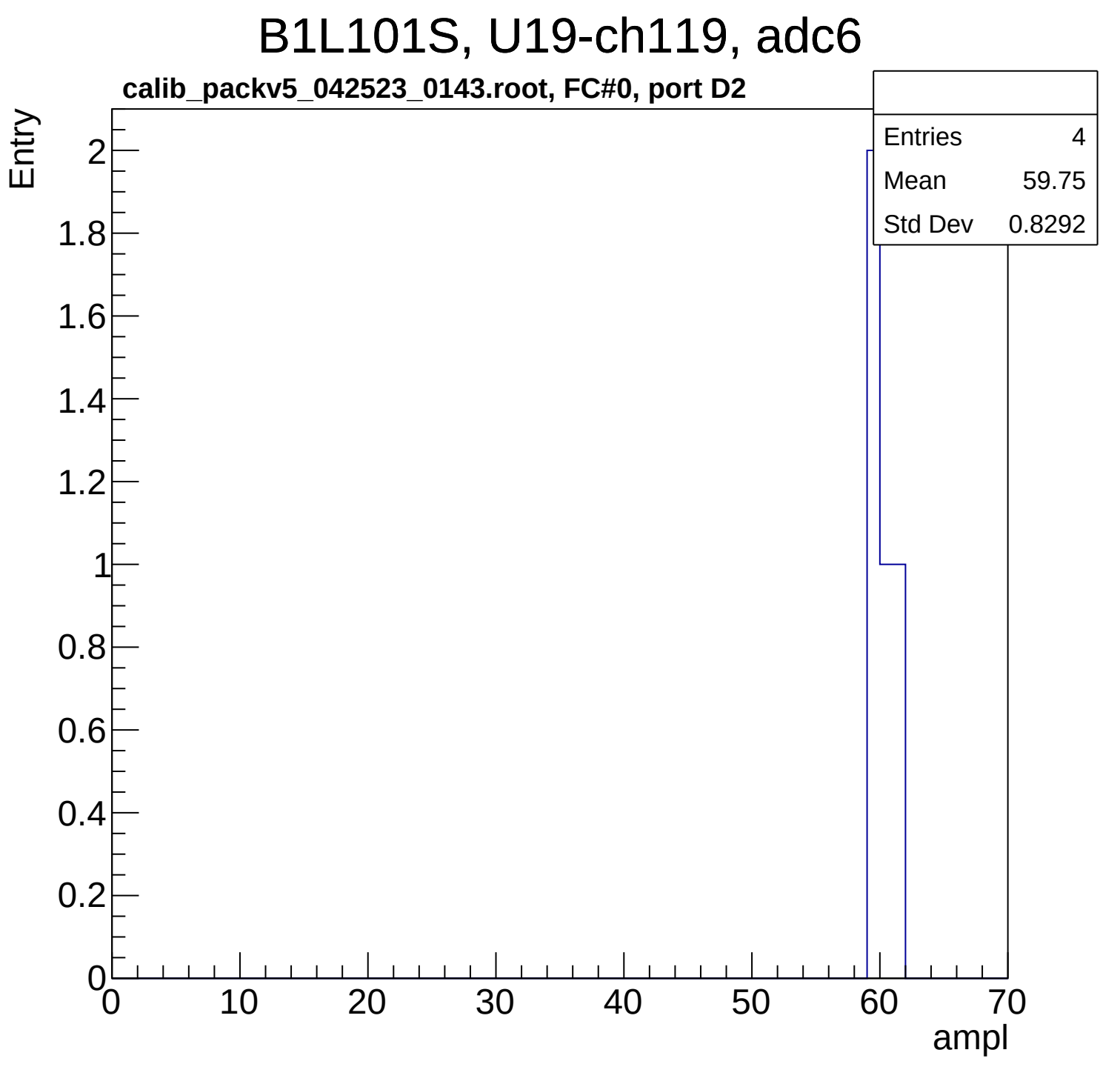
B1L101S, U19-ch119, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 59.75
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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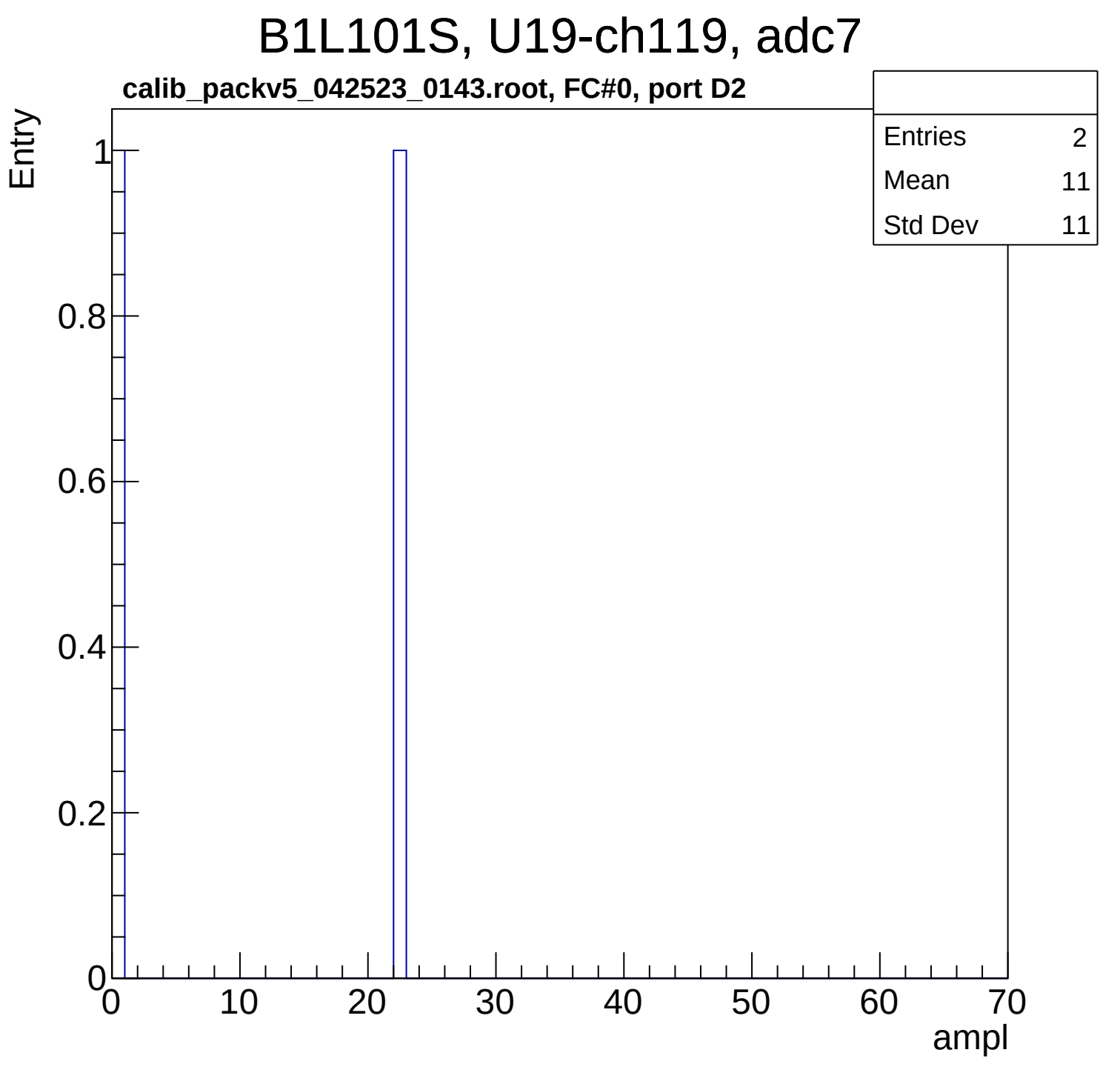
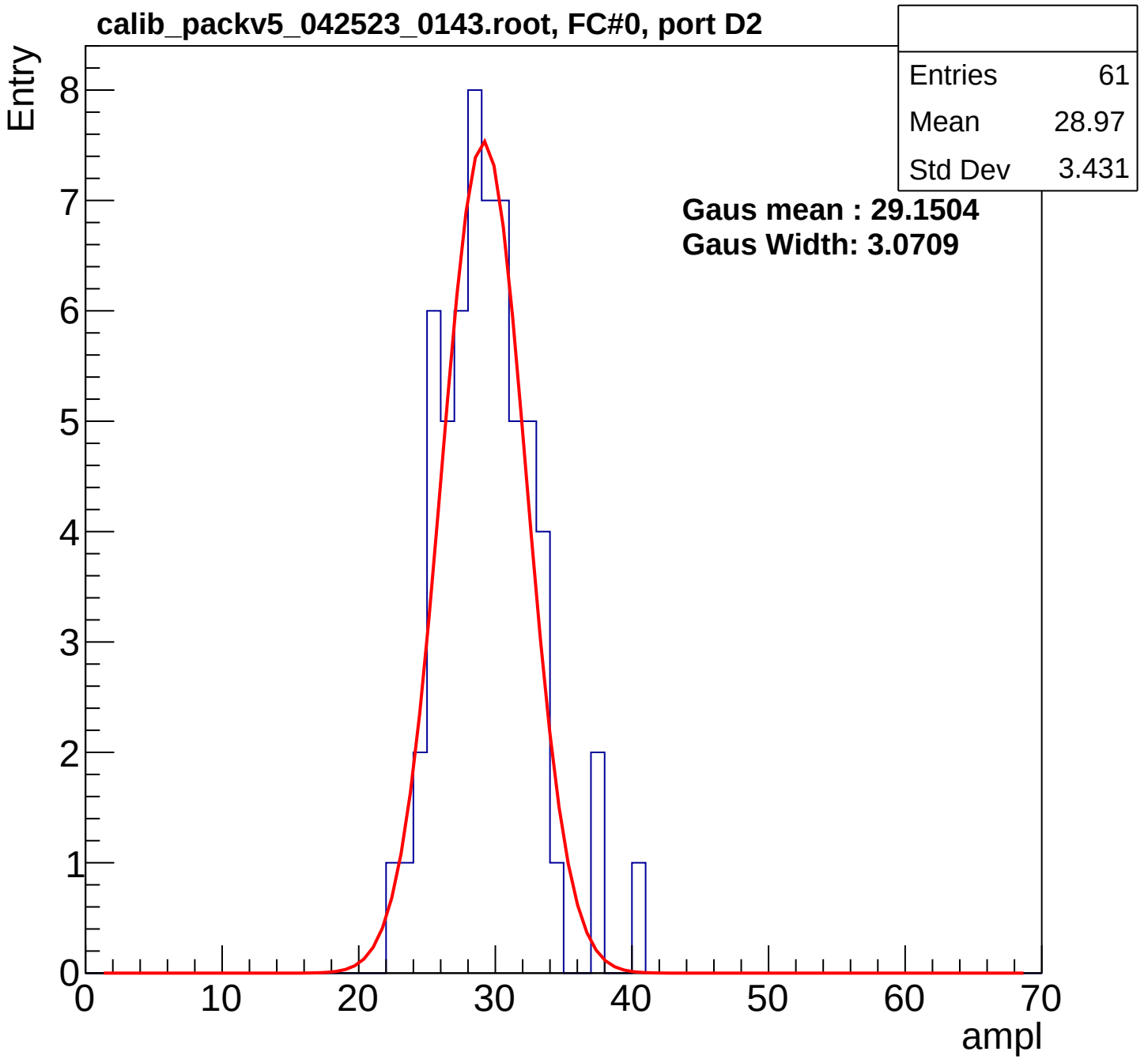

B1L101S, U19-ch119, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch120, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 28.97
Std Dev 3.431
Gaus mean : 29.1504
Gaus Width: 3.0709
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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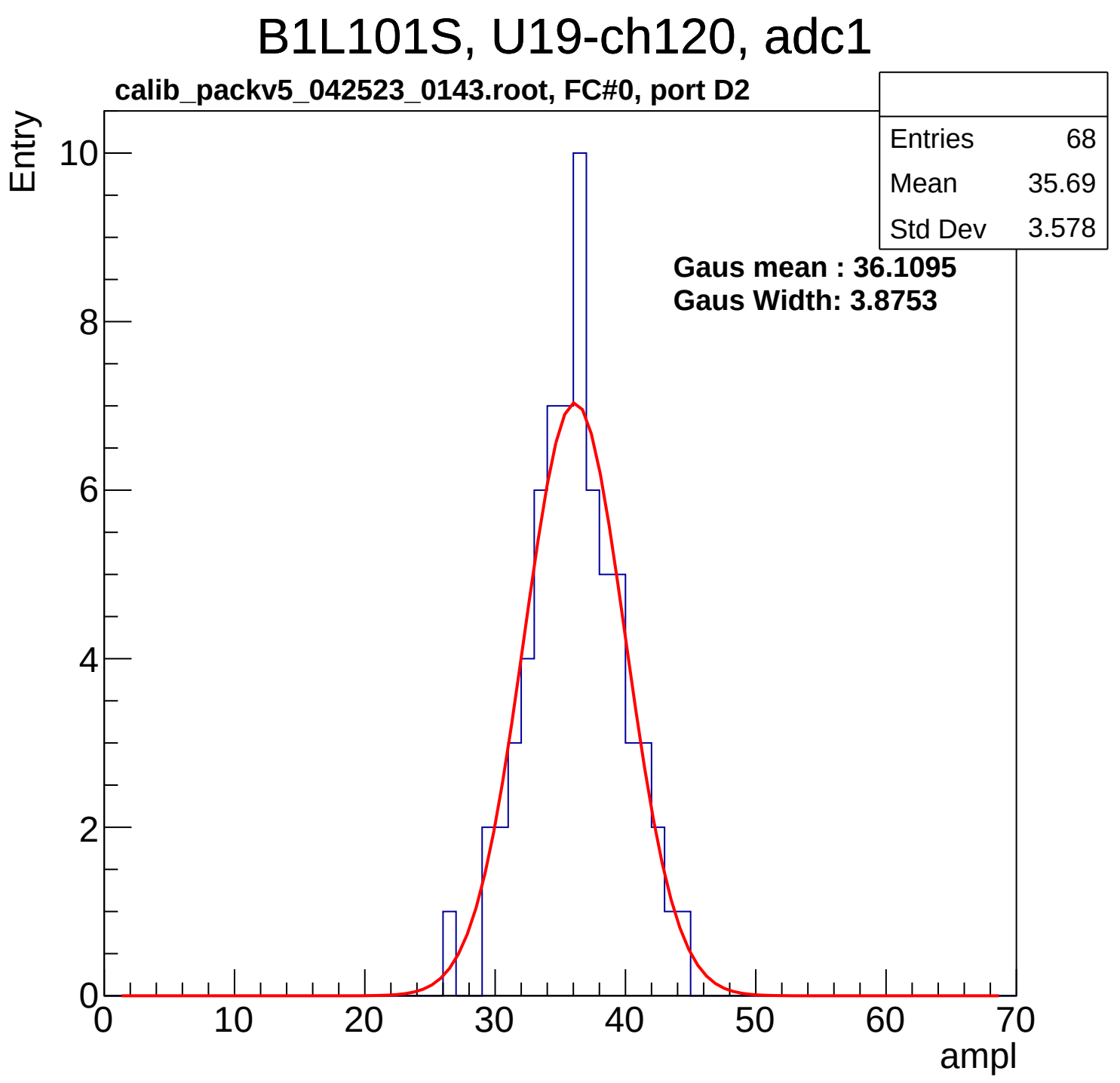
B1L101S, U19-ch120, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 35.69
Std Dev 3.578
Gaus mean : 36.1095
Gaus Width: 3.8753
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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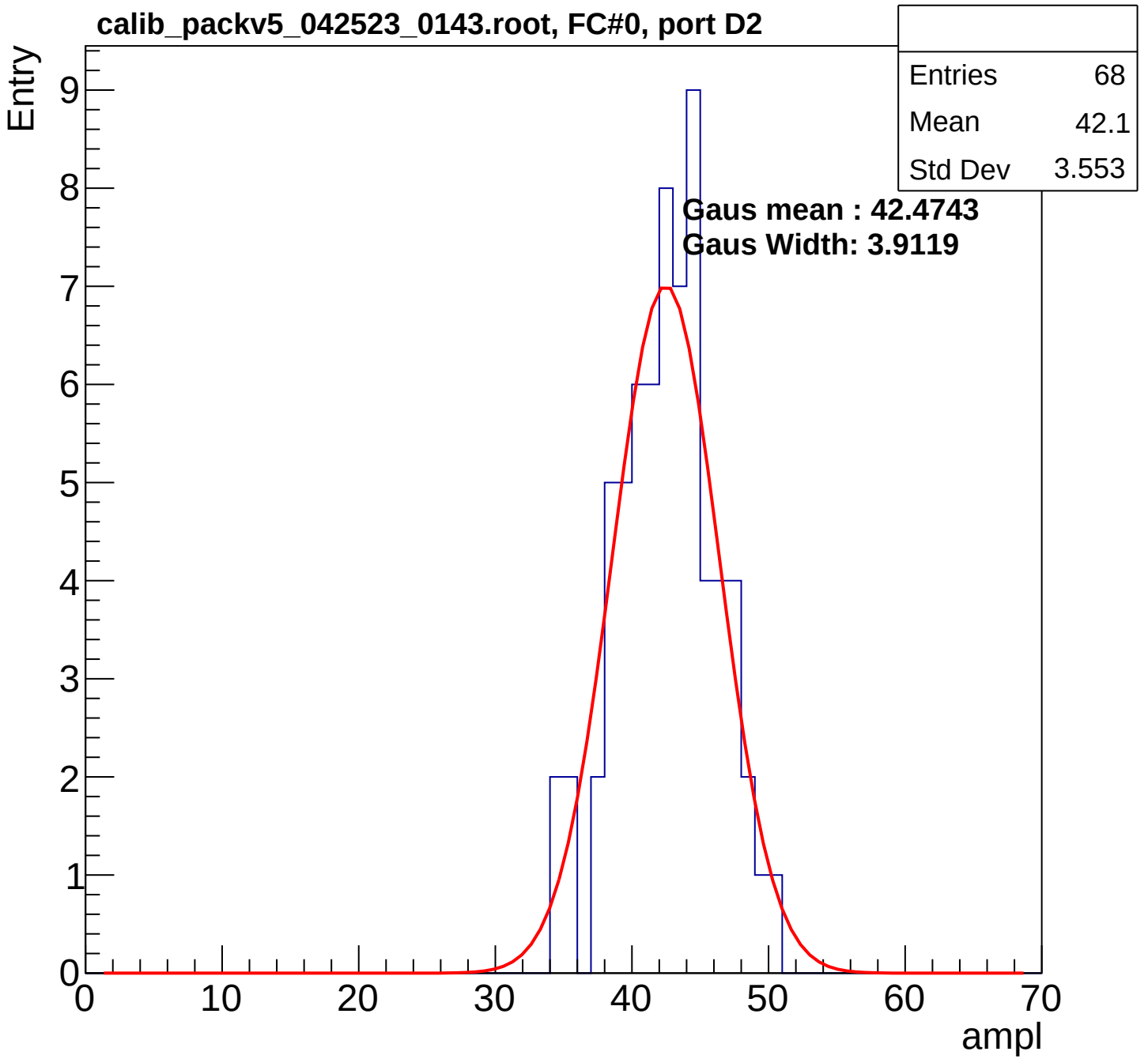
B1L101S, U19-ch120, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 42.1
Std Dev 3.553
Gaus mean : 42.4743
Gaus Width: 3.9119
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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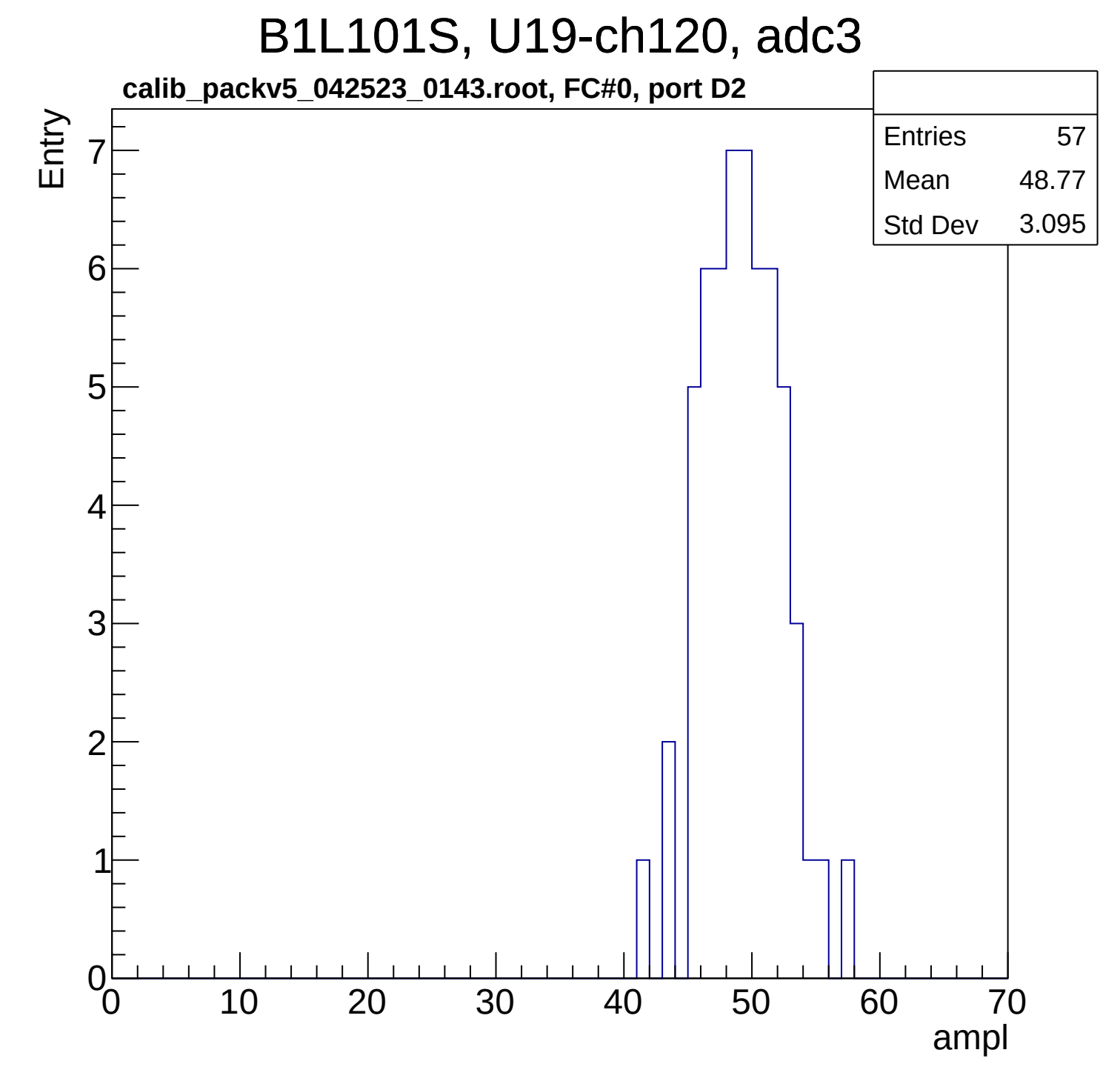
B1L101S, U19-ch120, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 48.77
Std Dev 3.095
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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40
50
60
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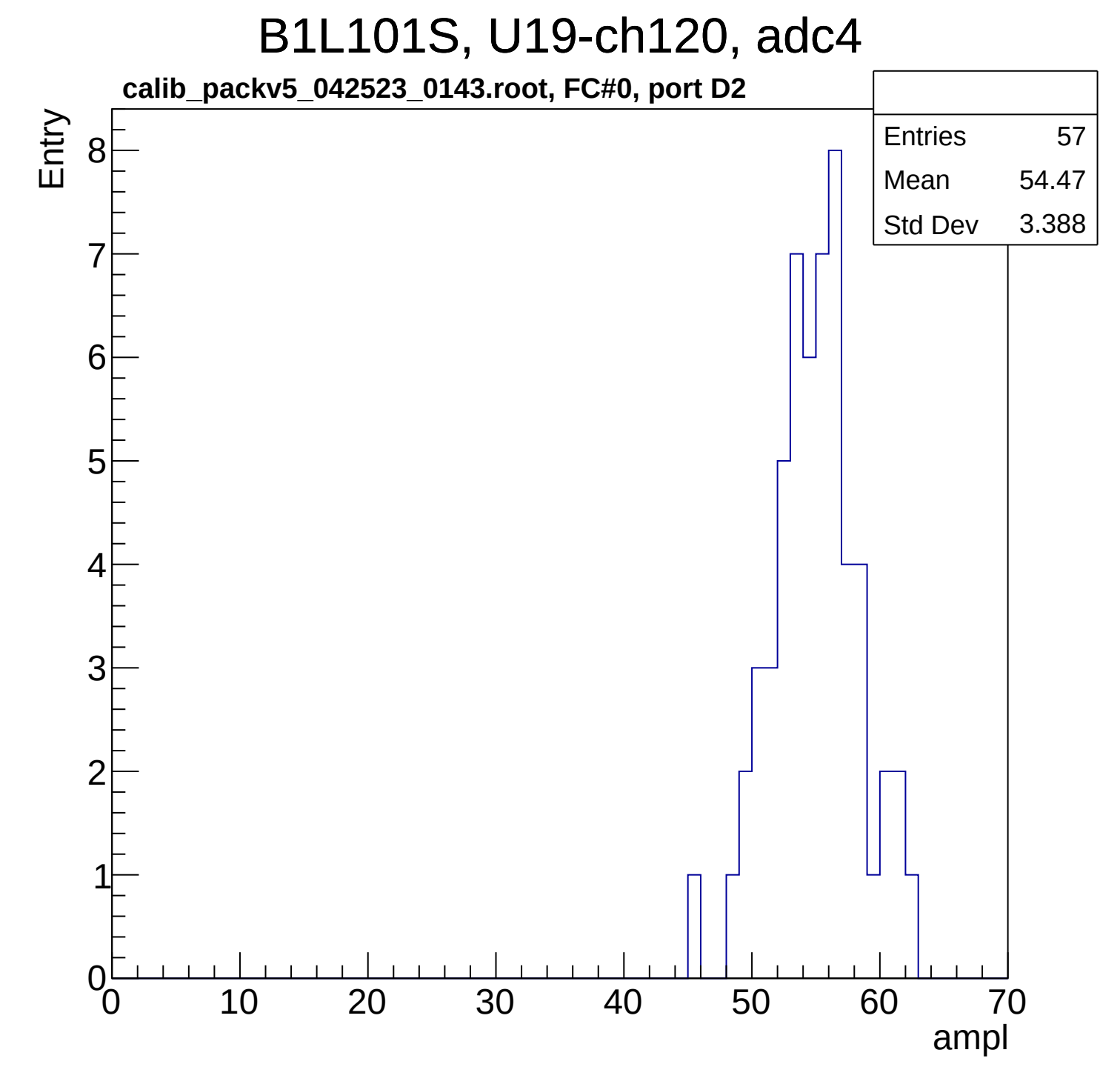
B1L101S, U19-ch120, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 54.47
Std Dev 3.388
Entry
ampl
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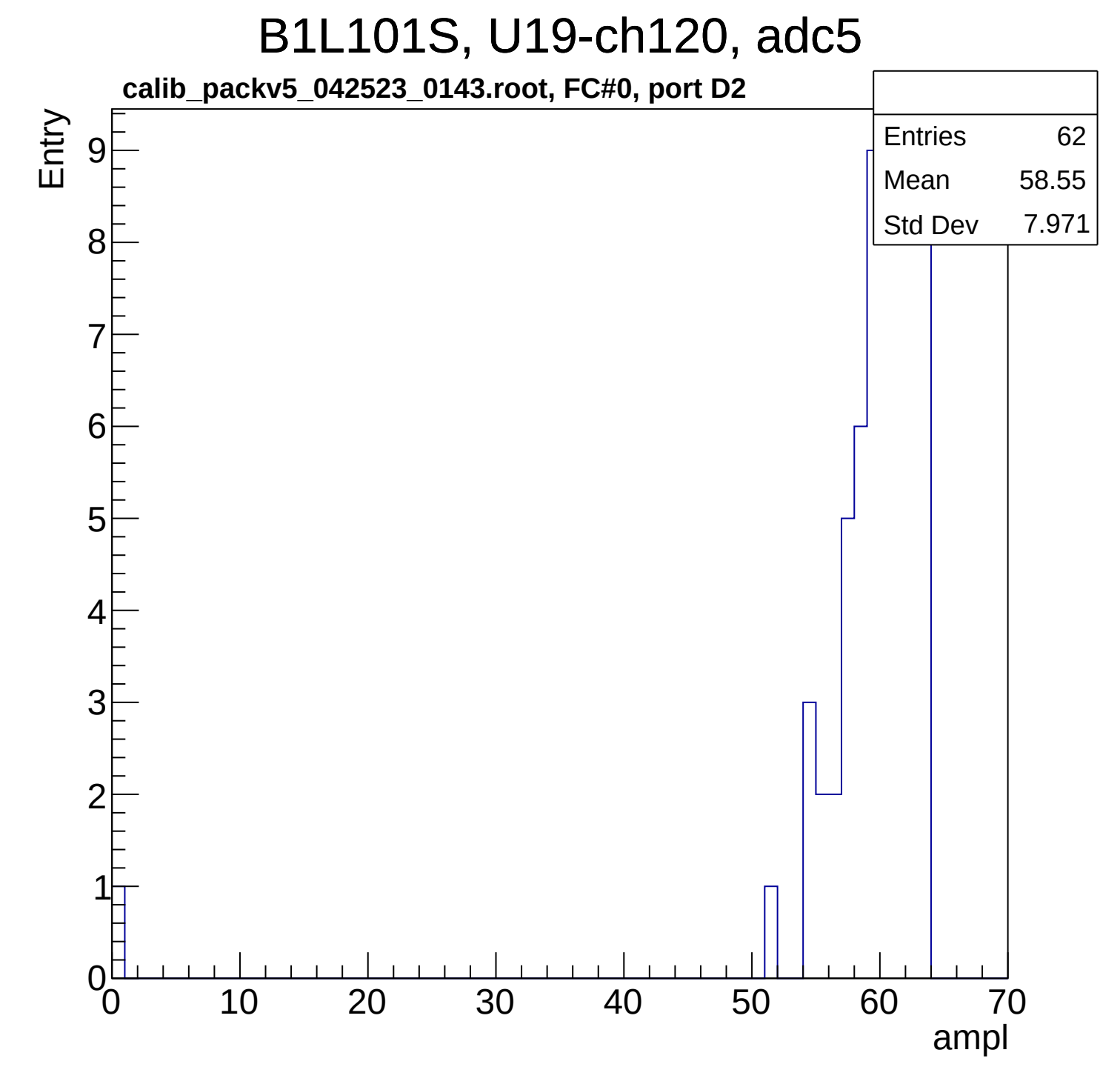
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch120, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 58.55
Std Dev 7.971
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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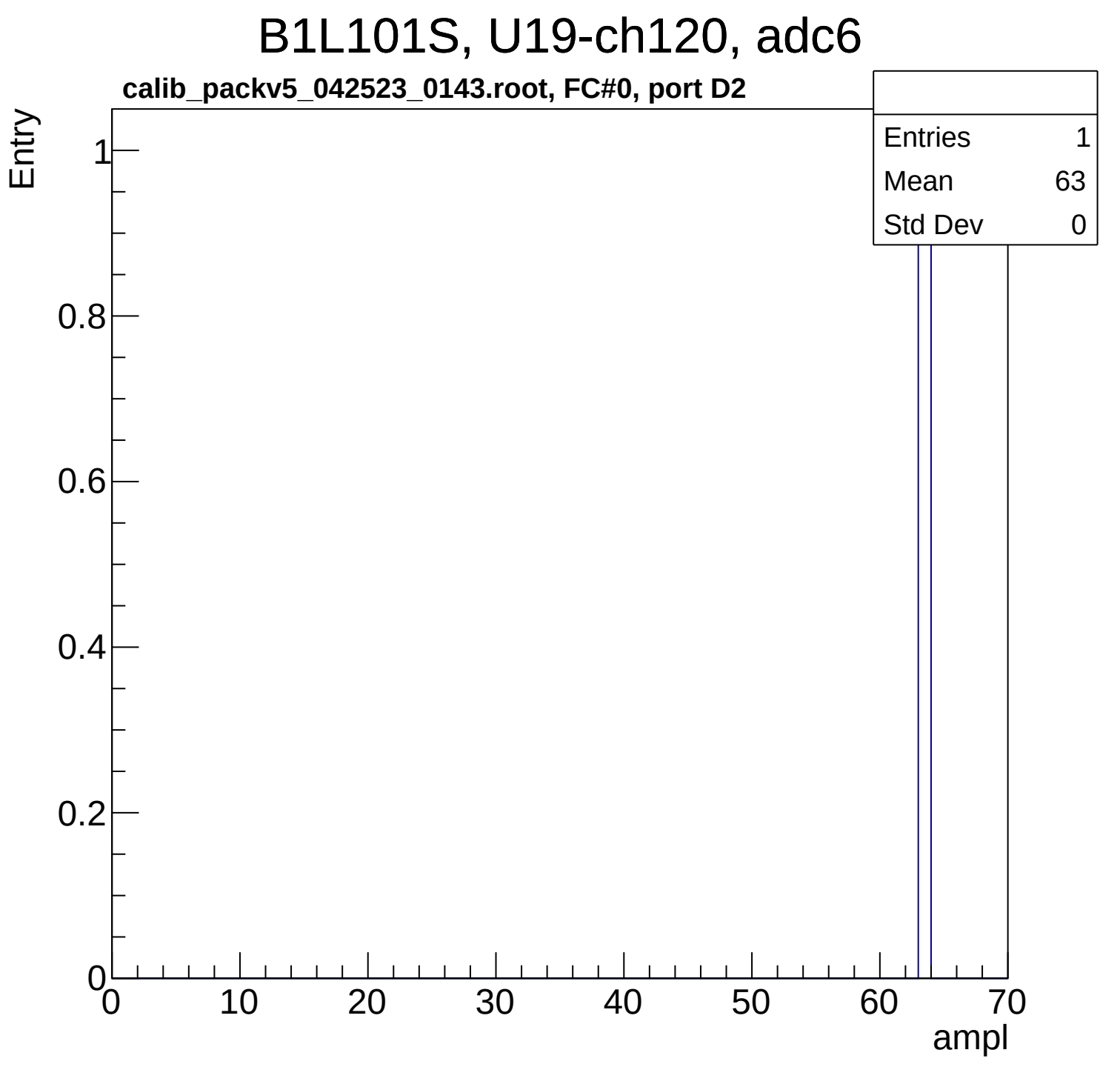
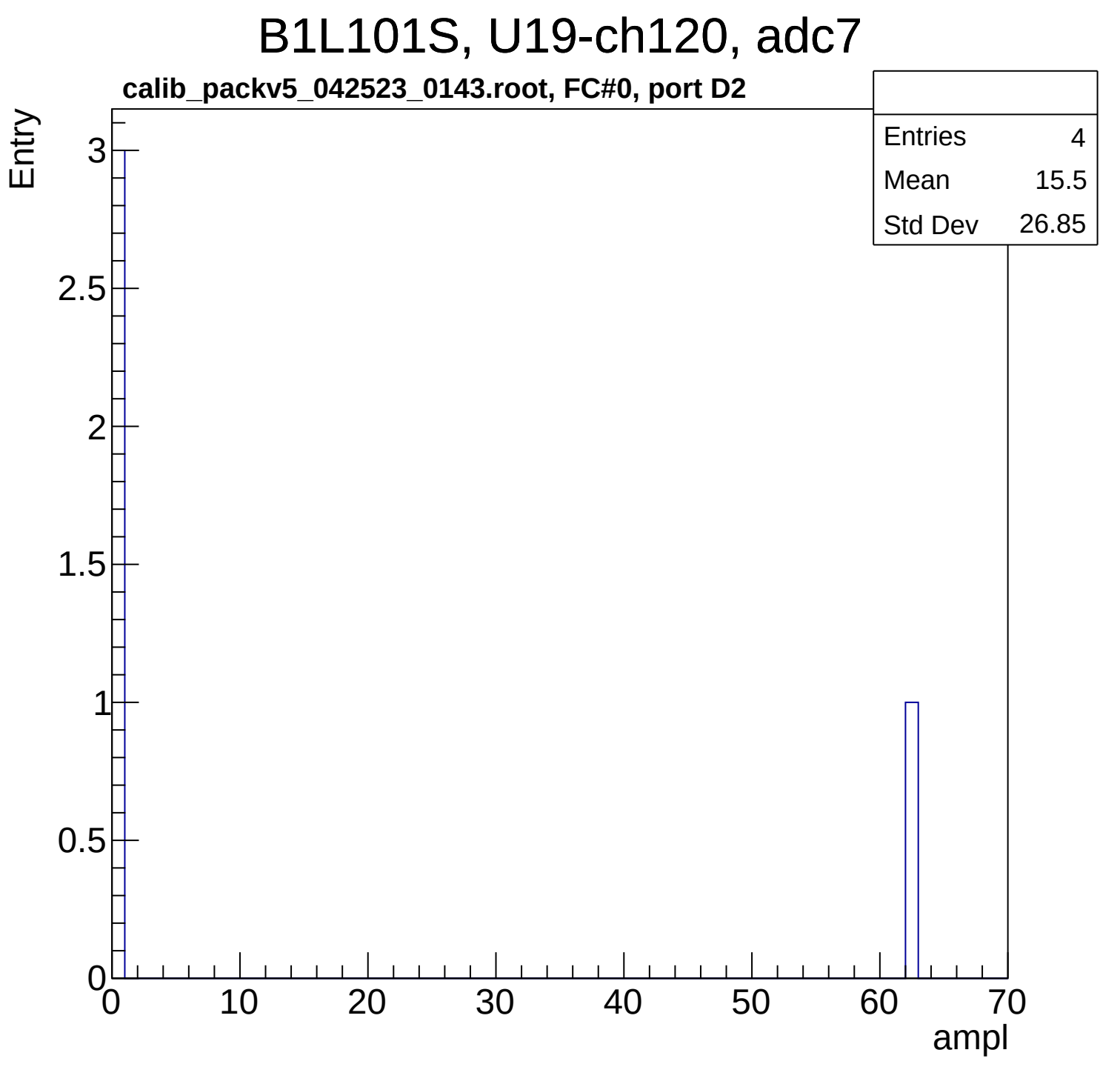

B1L101S, U19-ch120, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch120, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 15.5
Std Dev 26.85
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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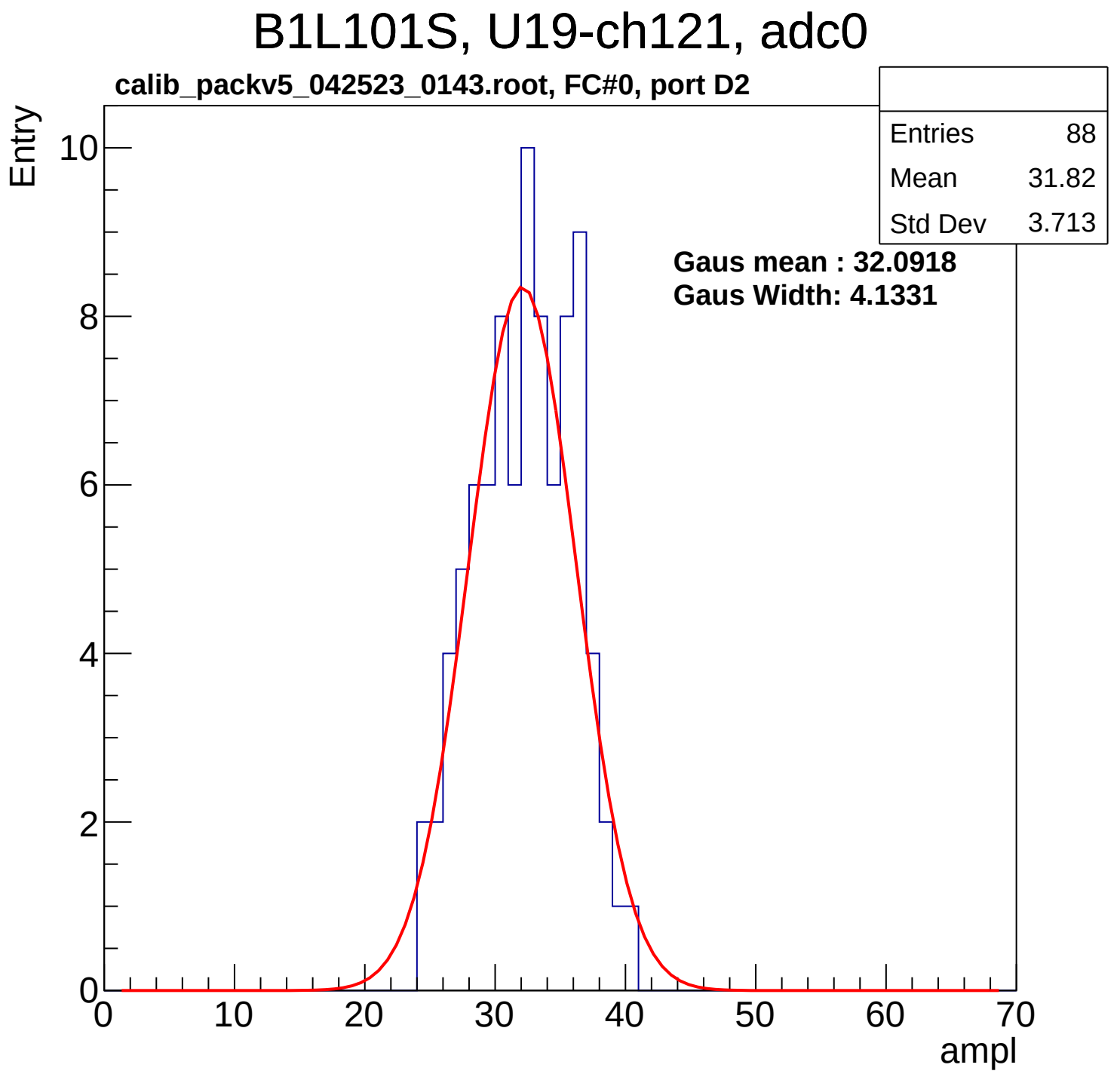
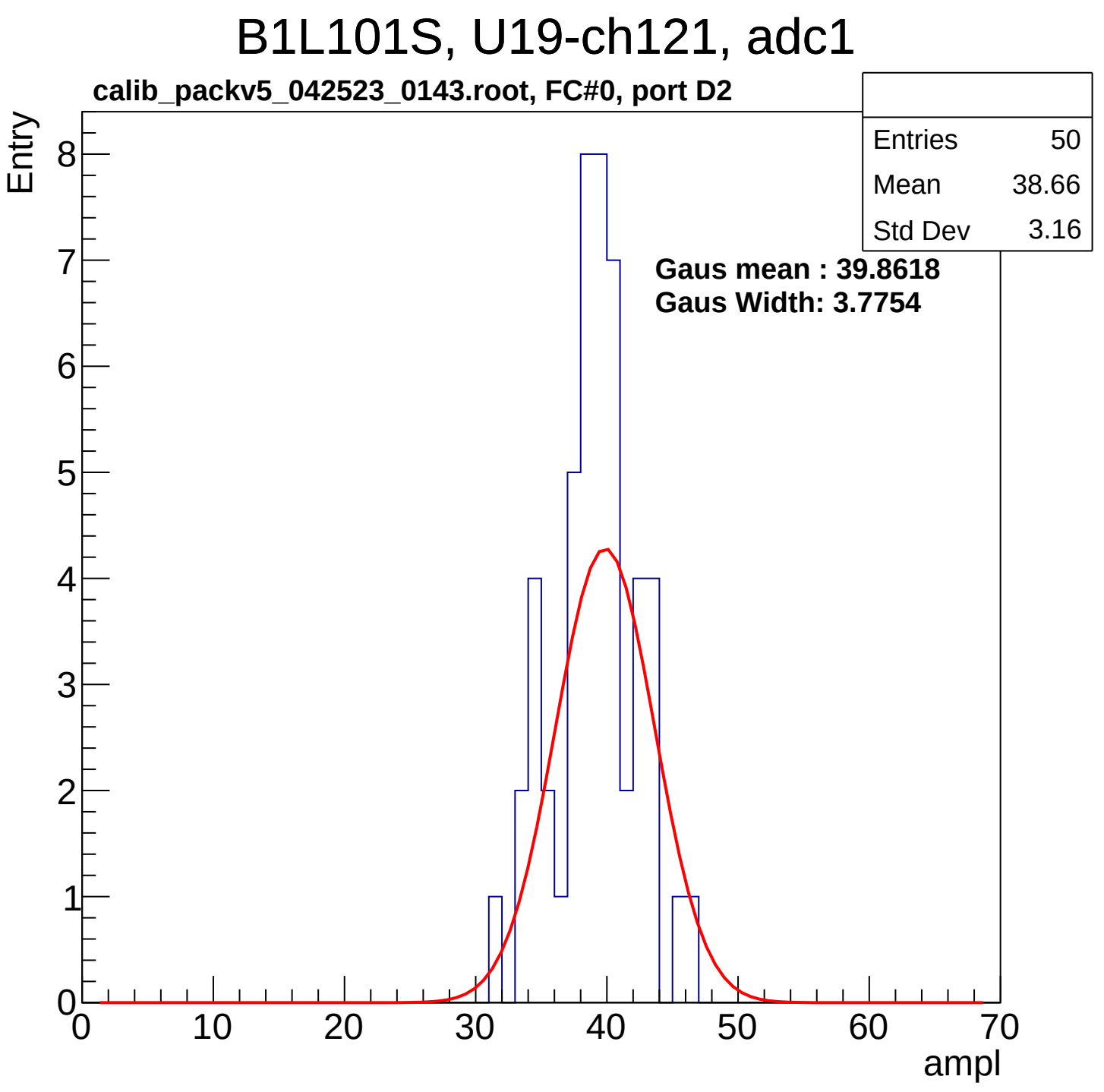

B1L101S, U19-ch121, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 88
Mean 31.82
Std Dev 3.713
Gaus mean : 32.0918
Gaus Width: 4.1331
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch121, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 38.66
Std Dev 3.16
Gaus mean : 39.8618
Gaus Width: 3.7754
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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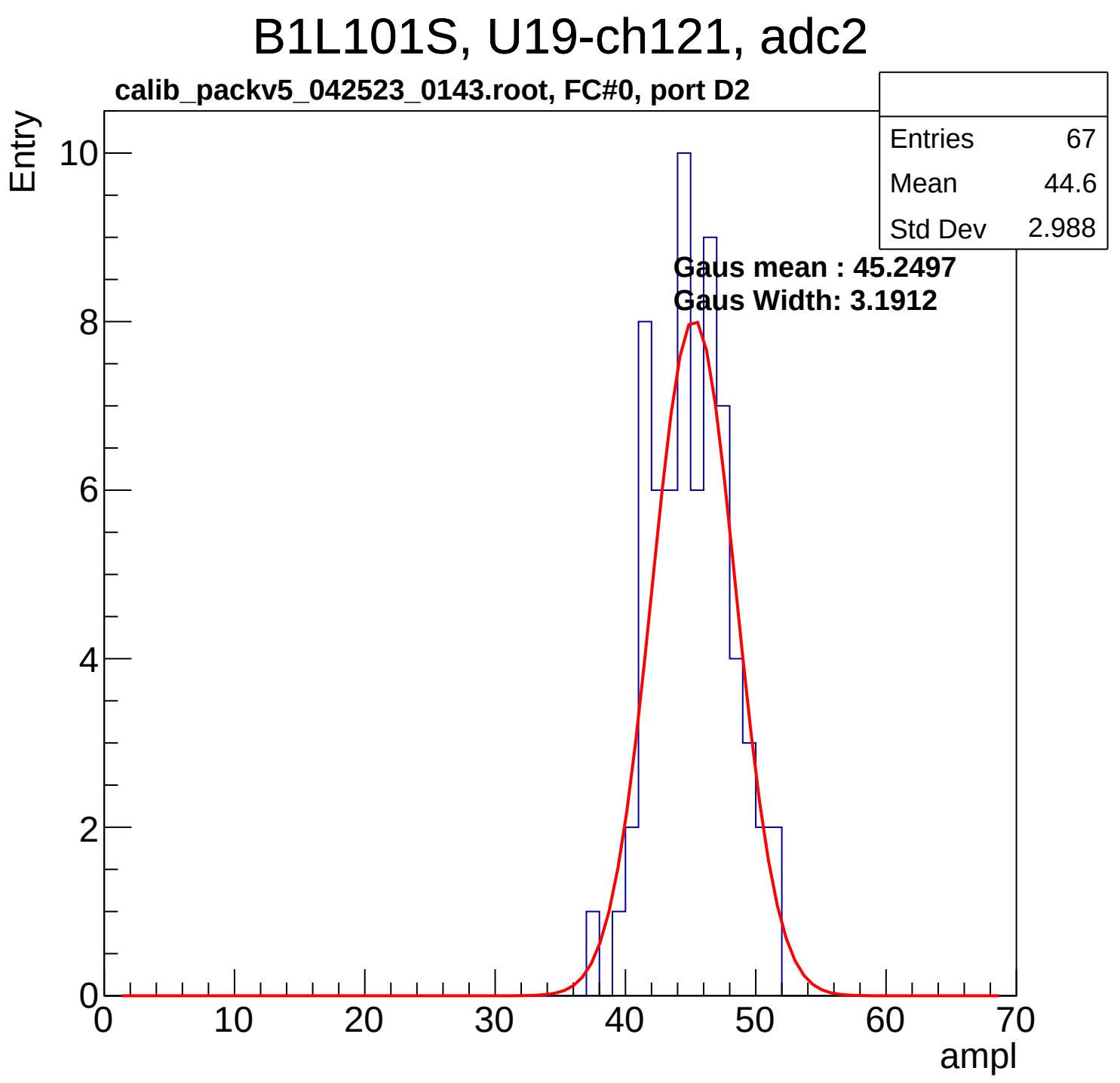
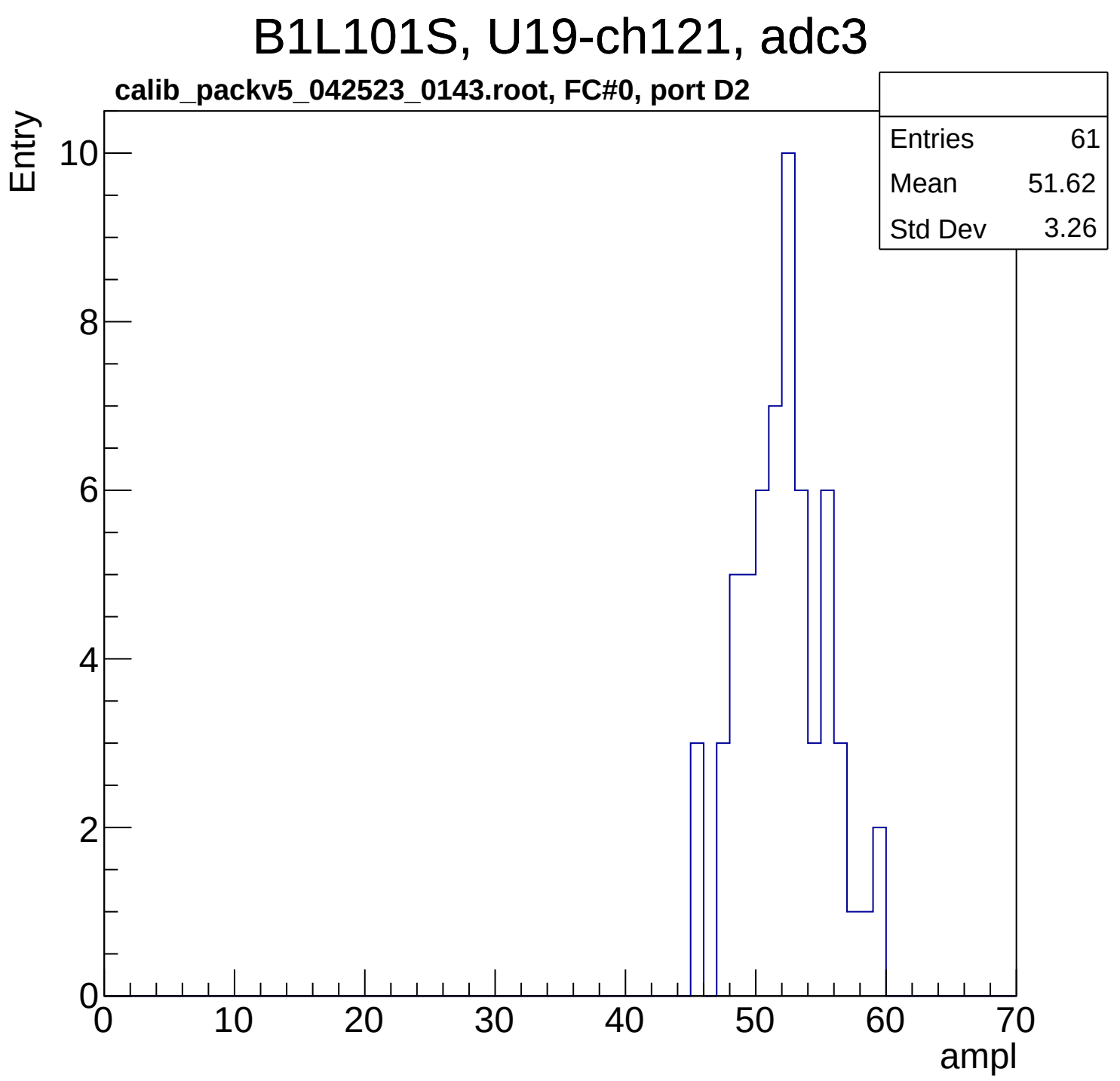
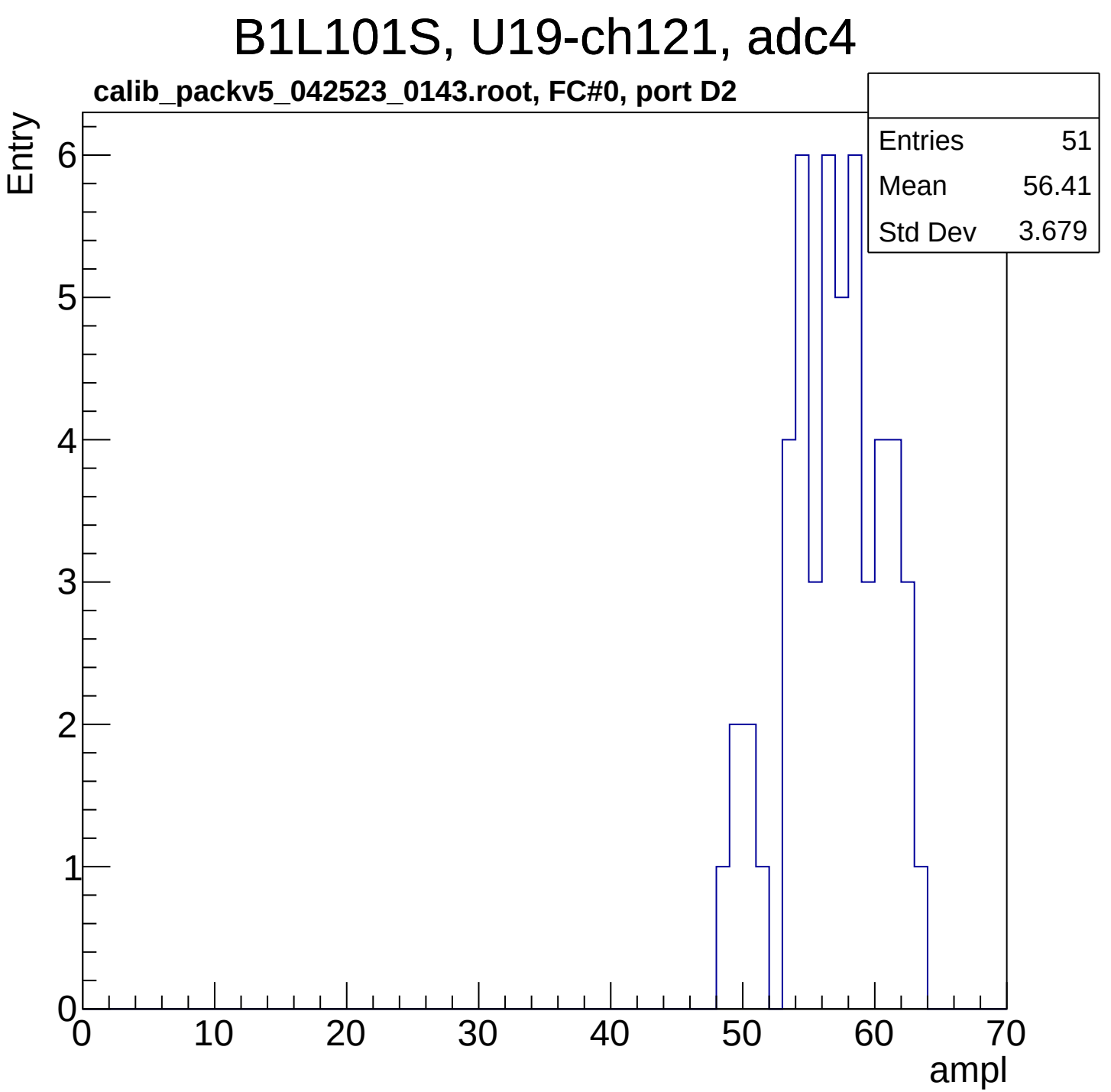
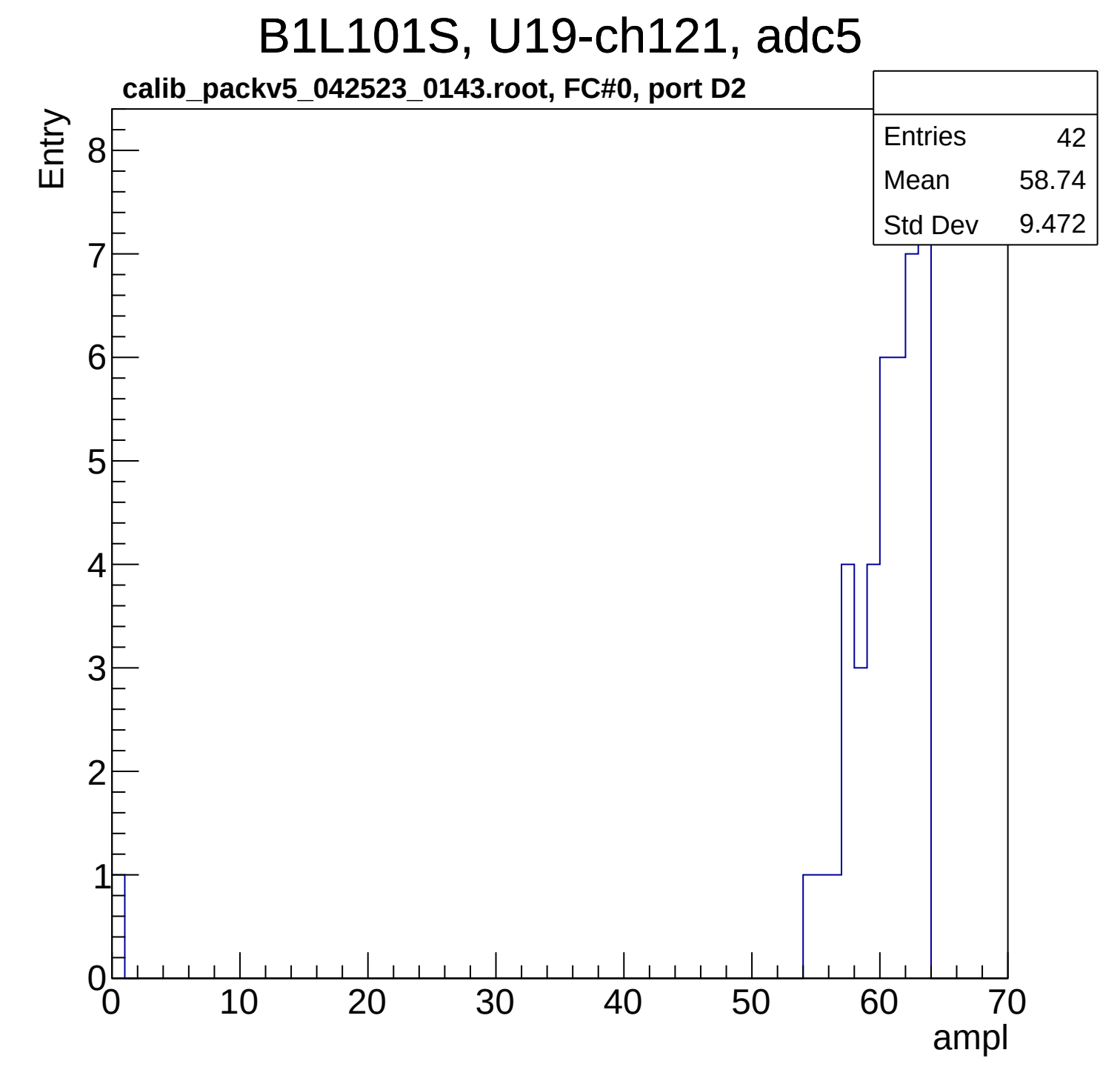

B1L101S, U19-ch121, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 44.6
Std Dev 2.988
Gaus mean : 45.2497
Gaus Width: 3.1912
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch121, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 51.62
Std Dev 3.26
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch121, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 56.41
Std Dev 3.679
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch121, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 58.74
Std Dev 9.472
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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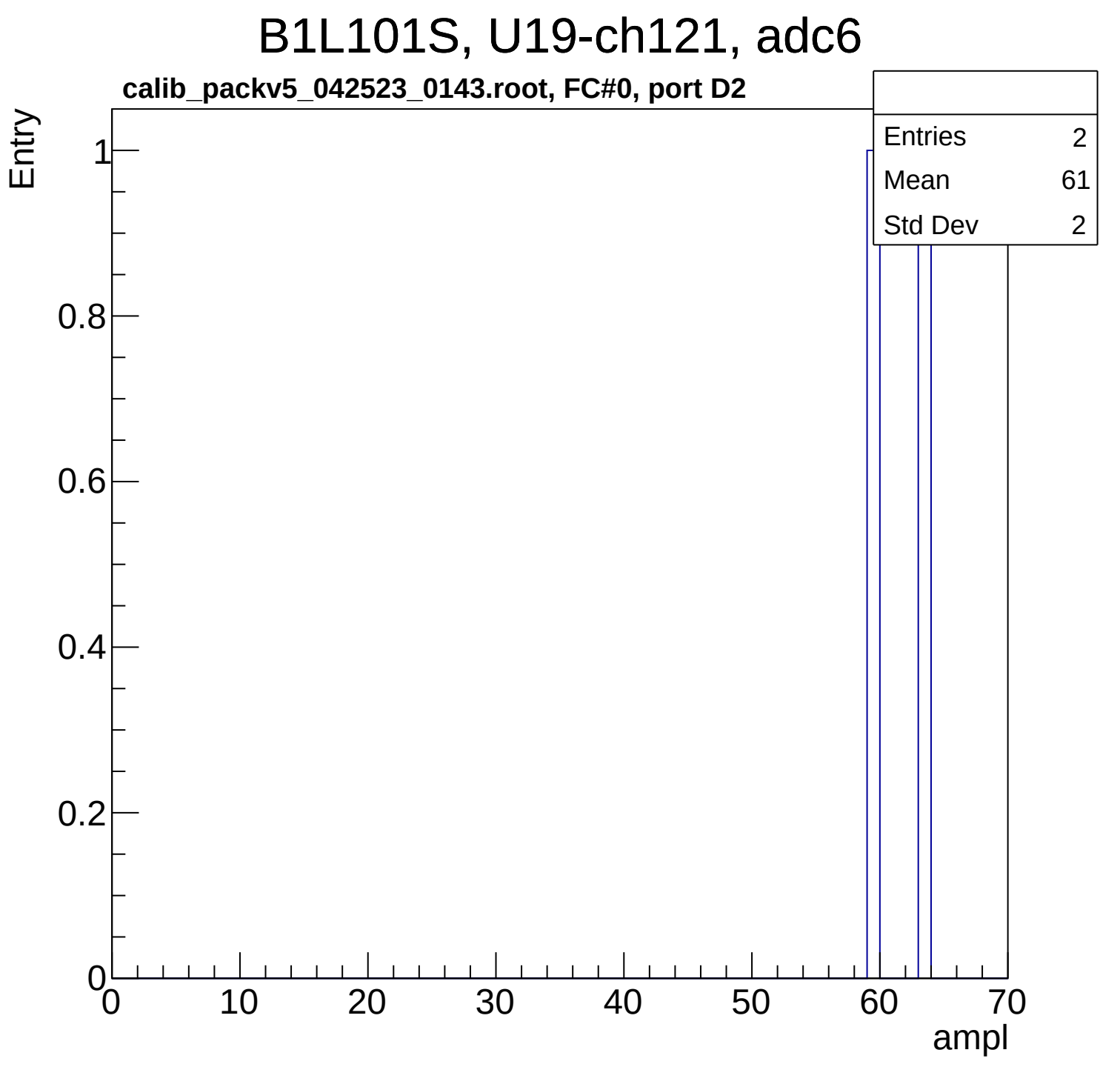
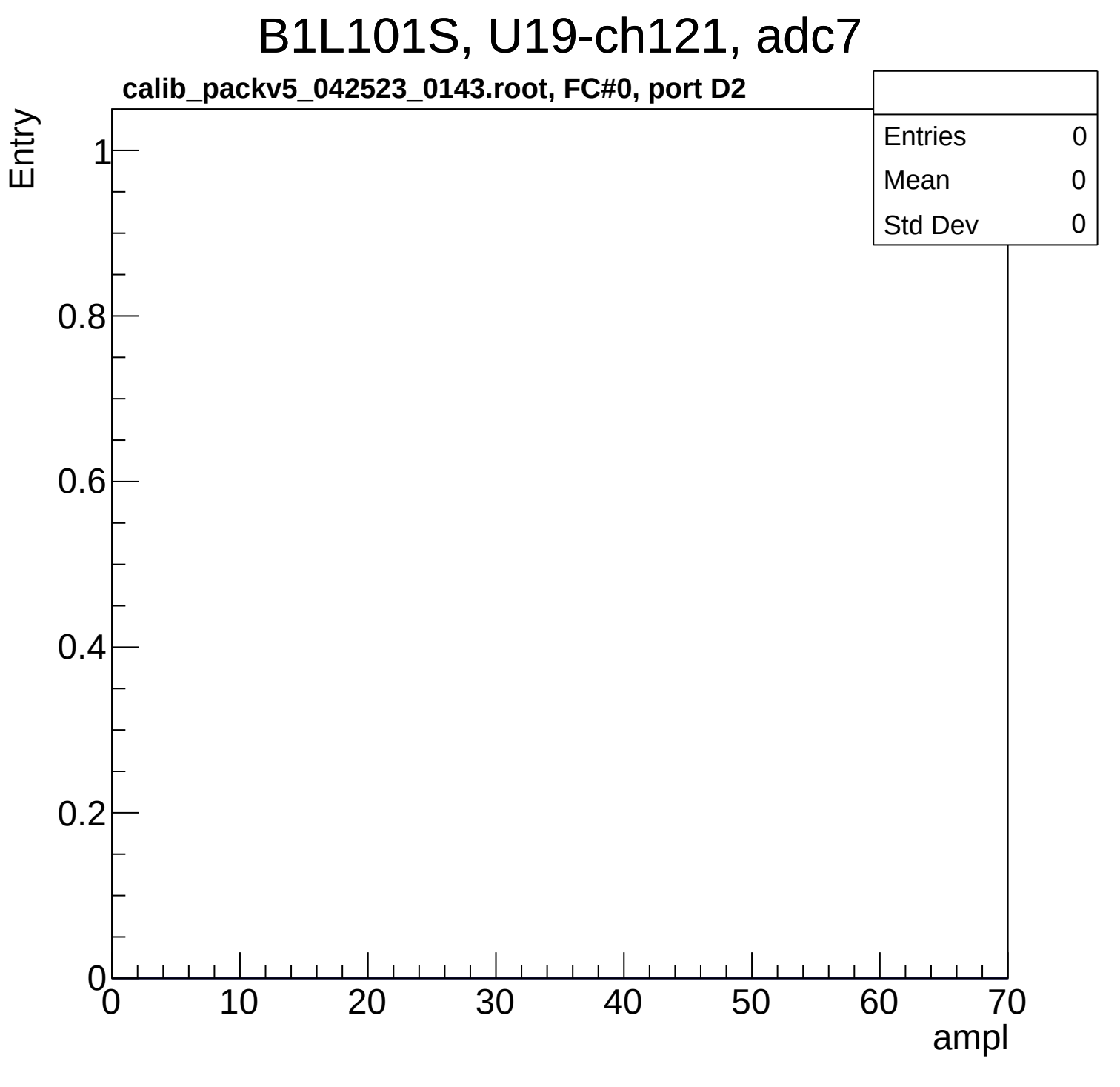
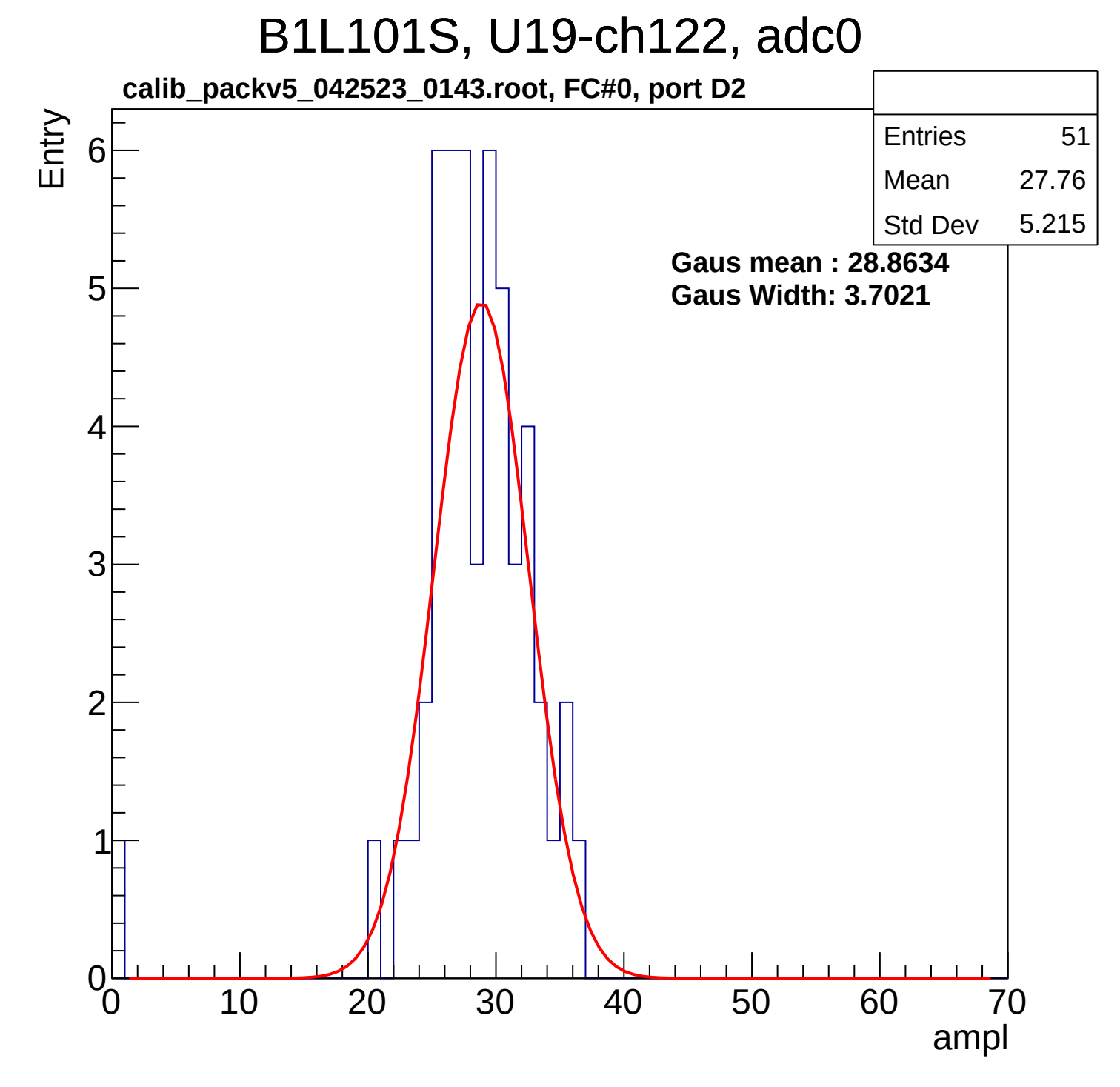
60
70


B1L101S, U19-ch121, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 61
Std Dev 2
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch121, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch122, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 27.76
Std Dev 5.215
Gaus mean : 28.8634
Gaus Width: 3.7021
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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40
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60
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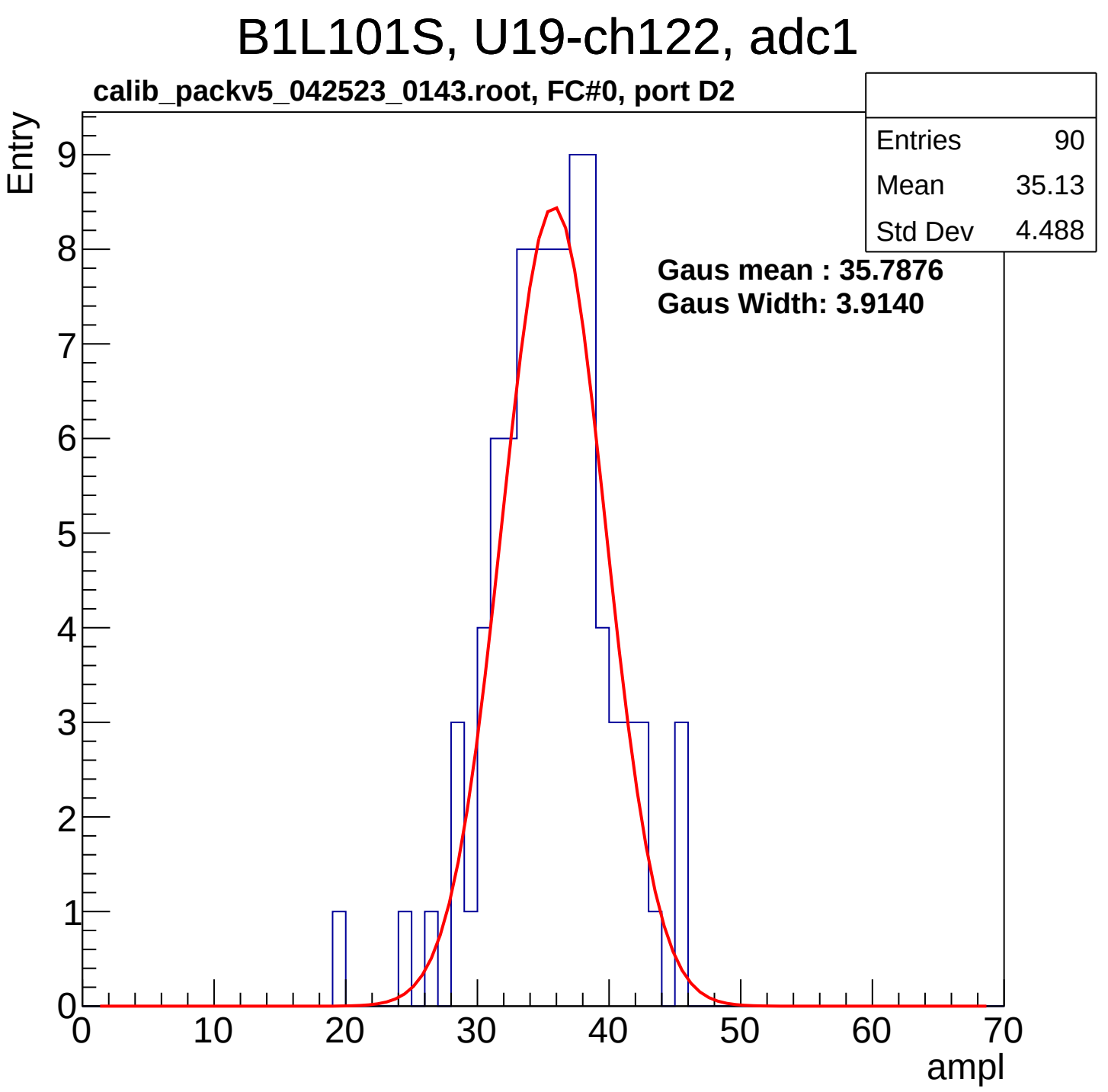
B1L101S, U19-ch122, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 90
Mean 35.13
Std Dev 4.488
Gaus mean : 35.7876
Gaus Width: 3.9140
Entry
ampl
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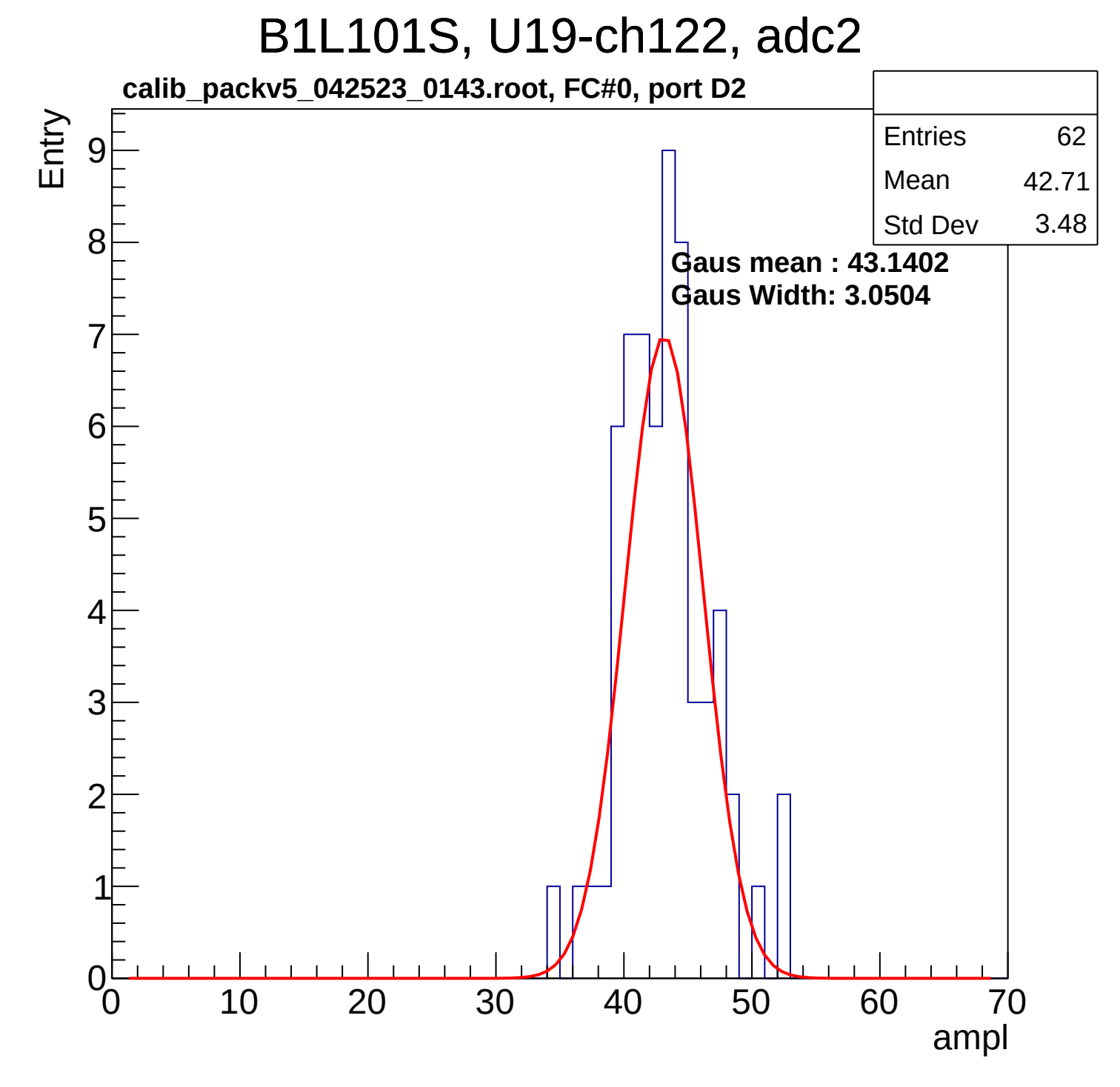
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U19-ch122, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 42.71
Std Dev 3.48
Gaus mean : 43.1402
Gaus Width: 3.0504
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
50
60
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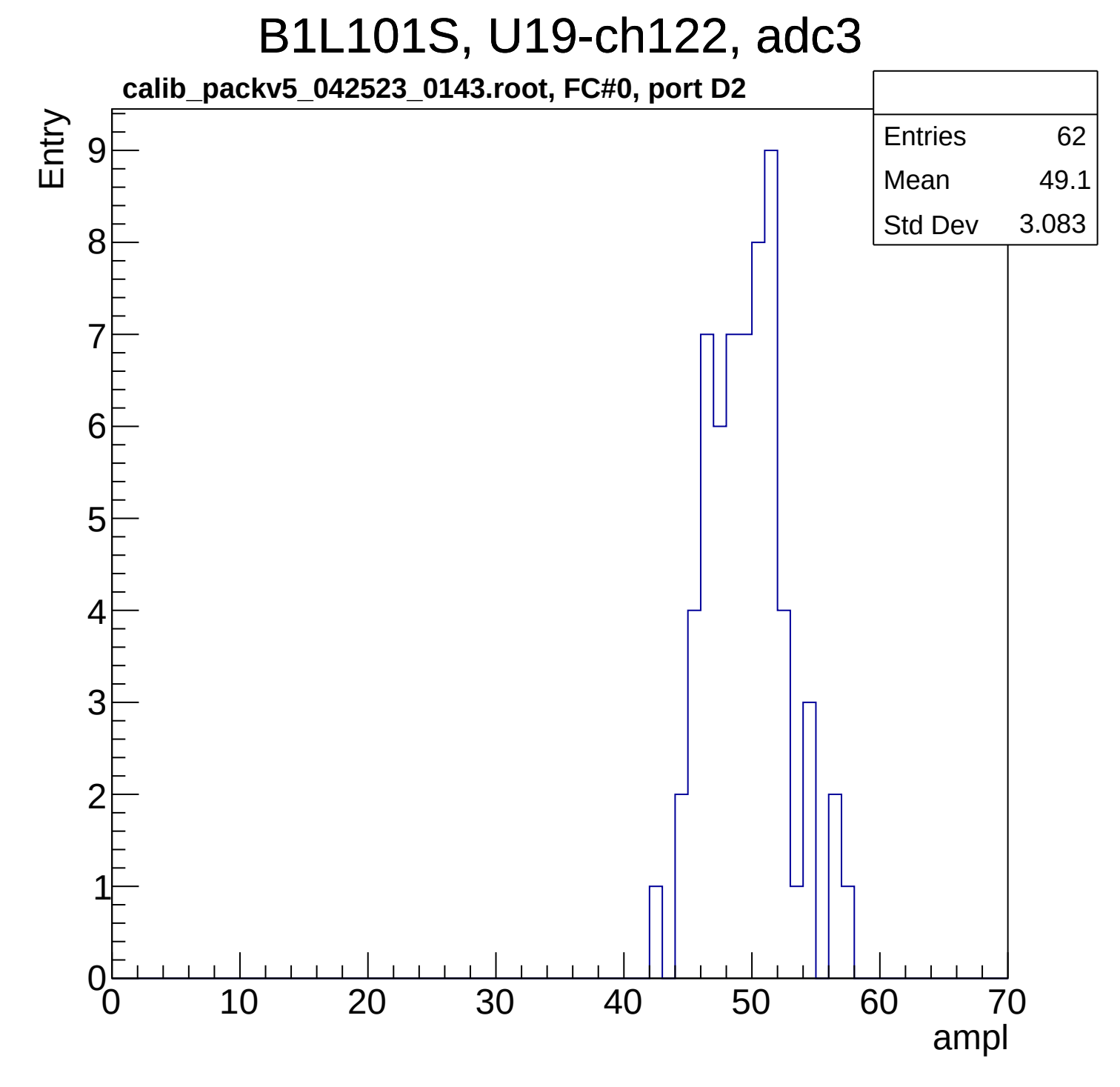
B1L101S, U19-ch122, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 49.1
Std Dev 3.083
Entry
ampl
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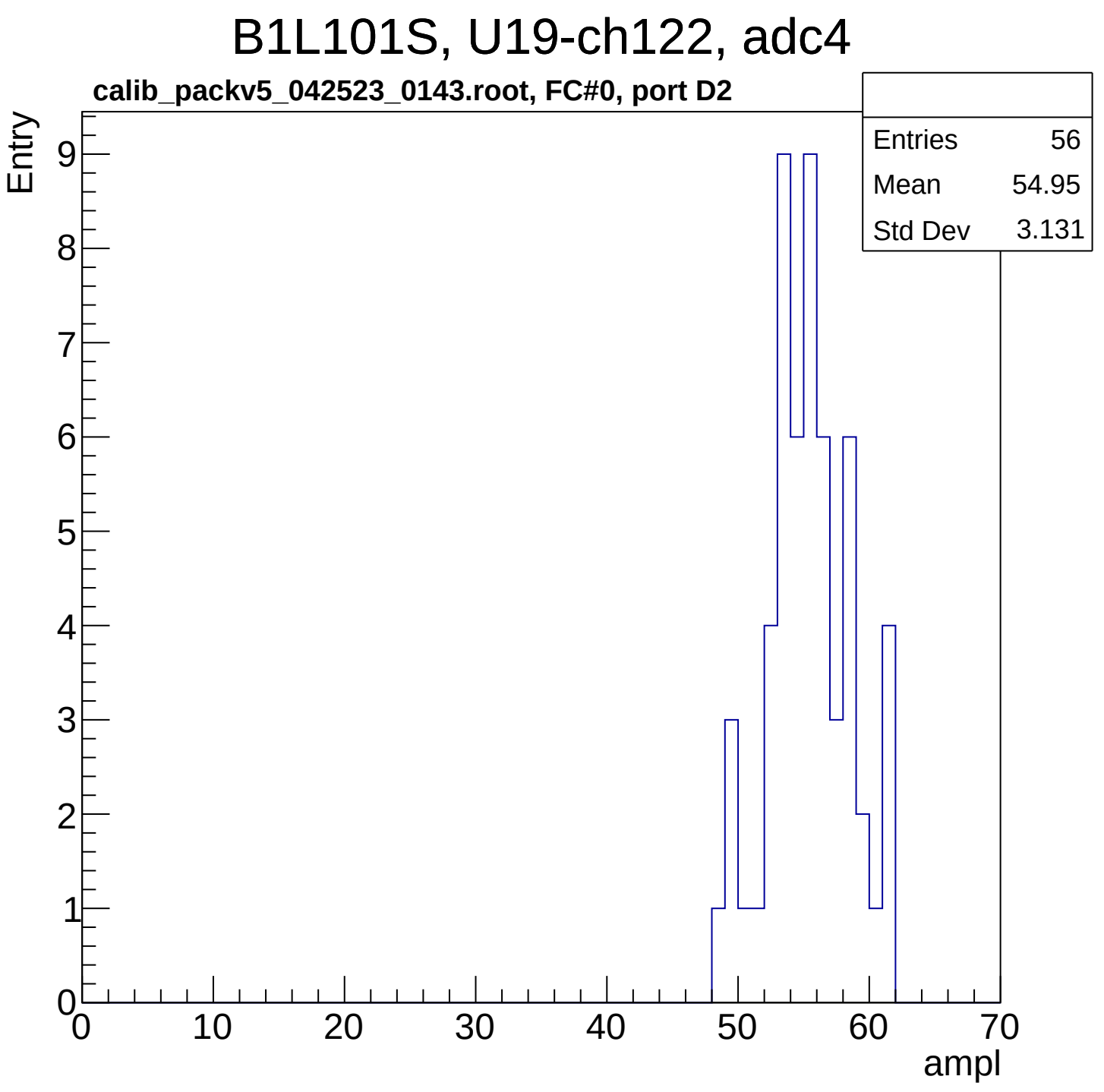
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch122, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 54.95
Std Dev 3.131
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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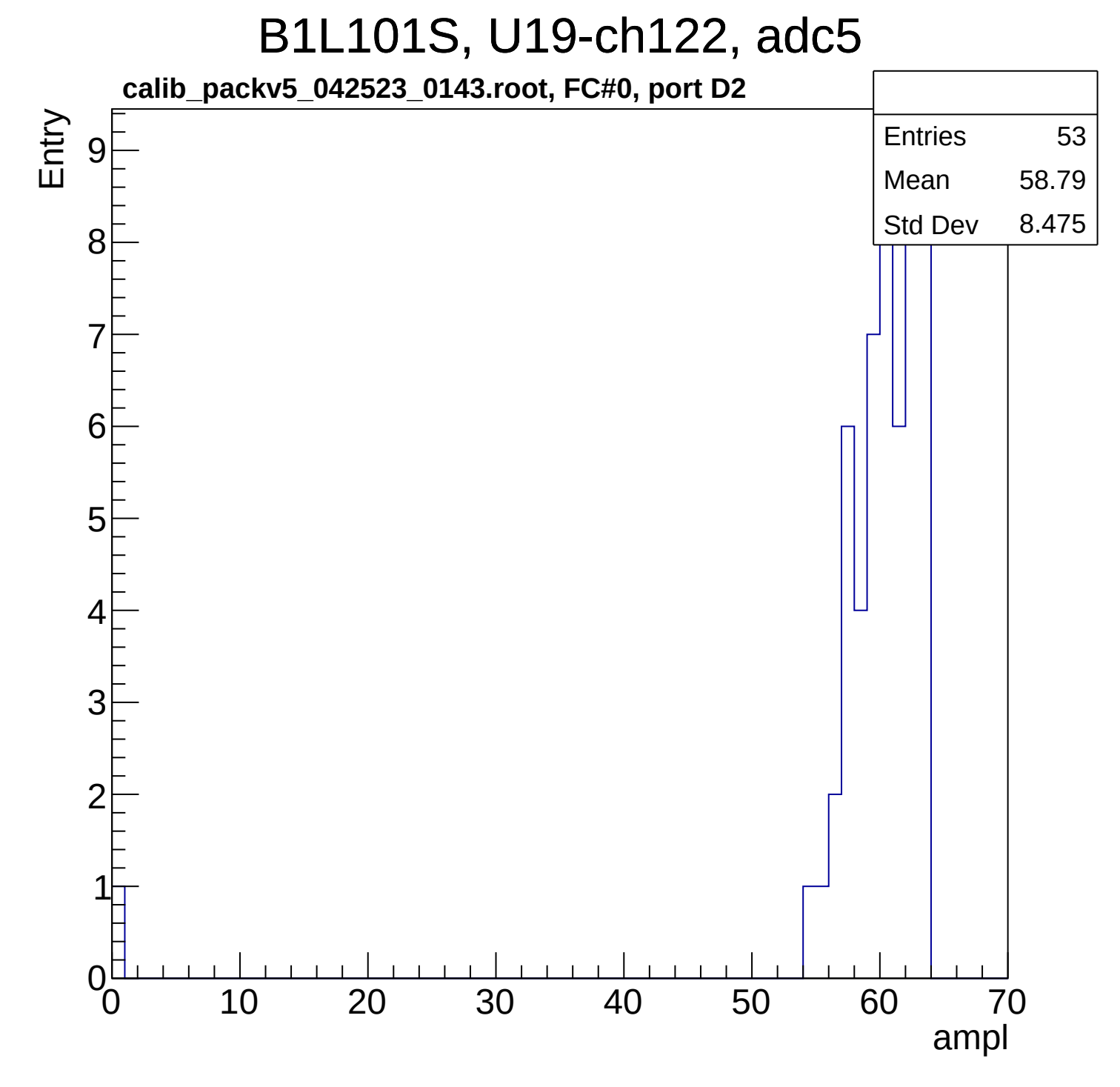
B1L101S, U19-ch122, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 58.79
Std Dev 8.475
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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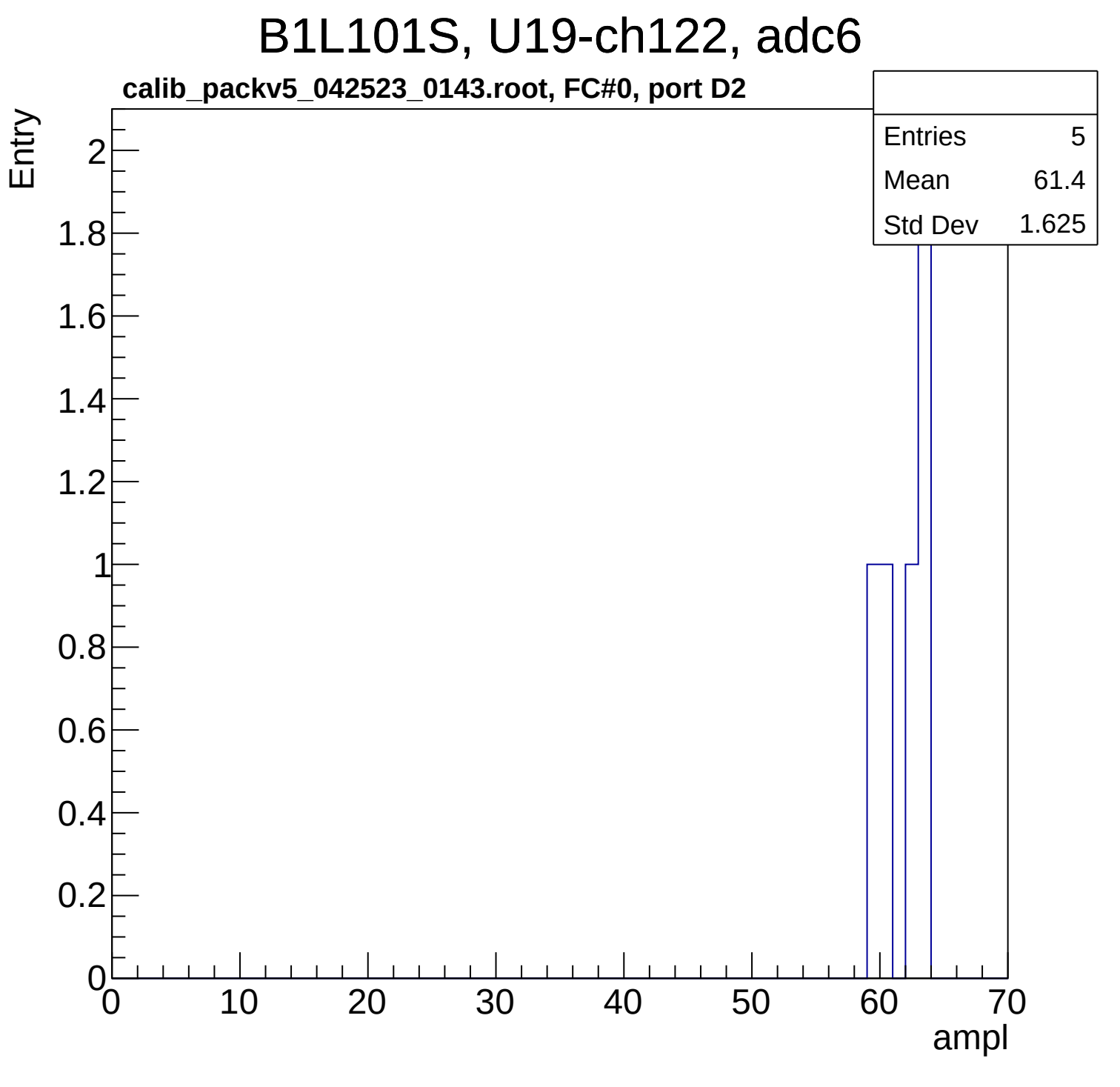
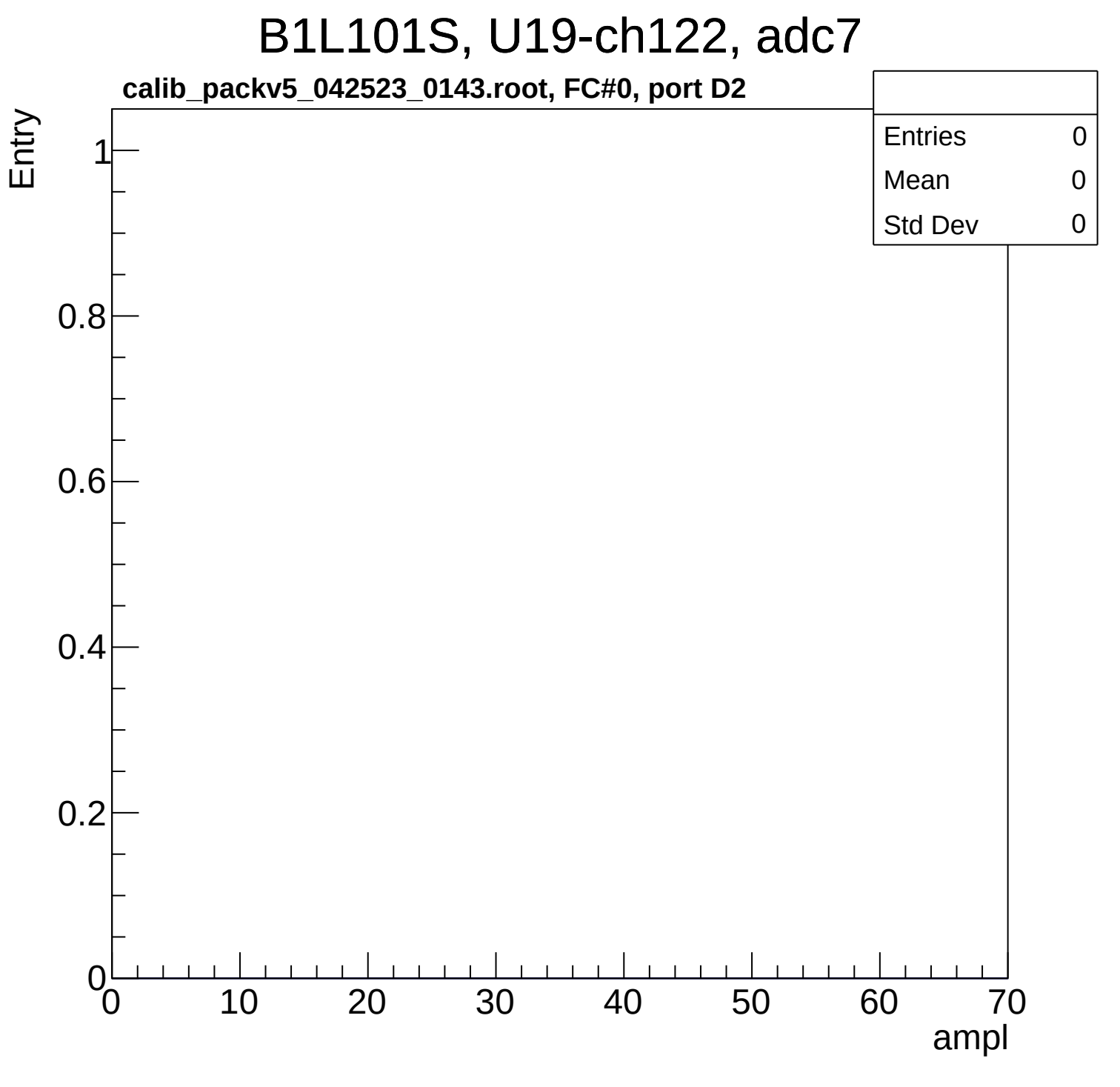
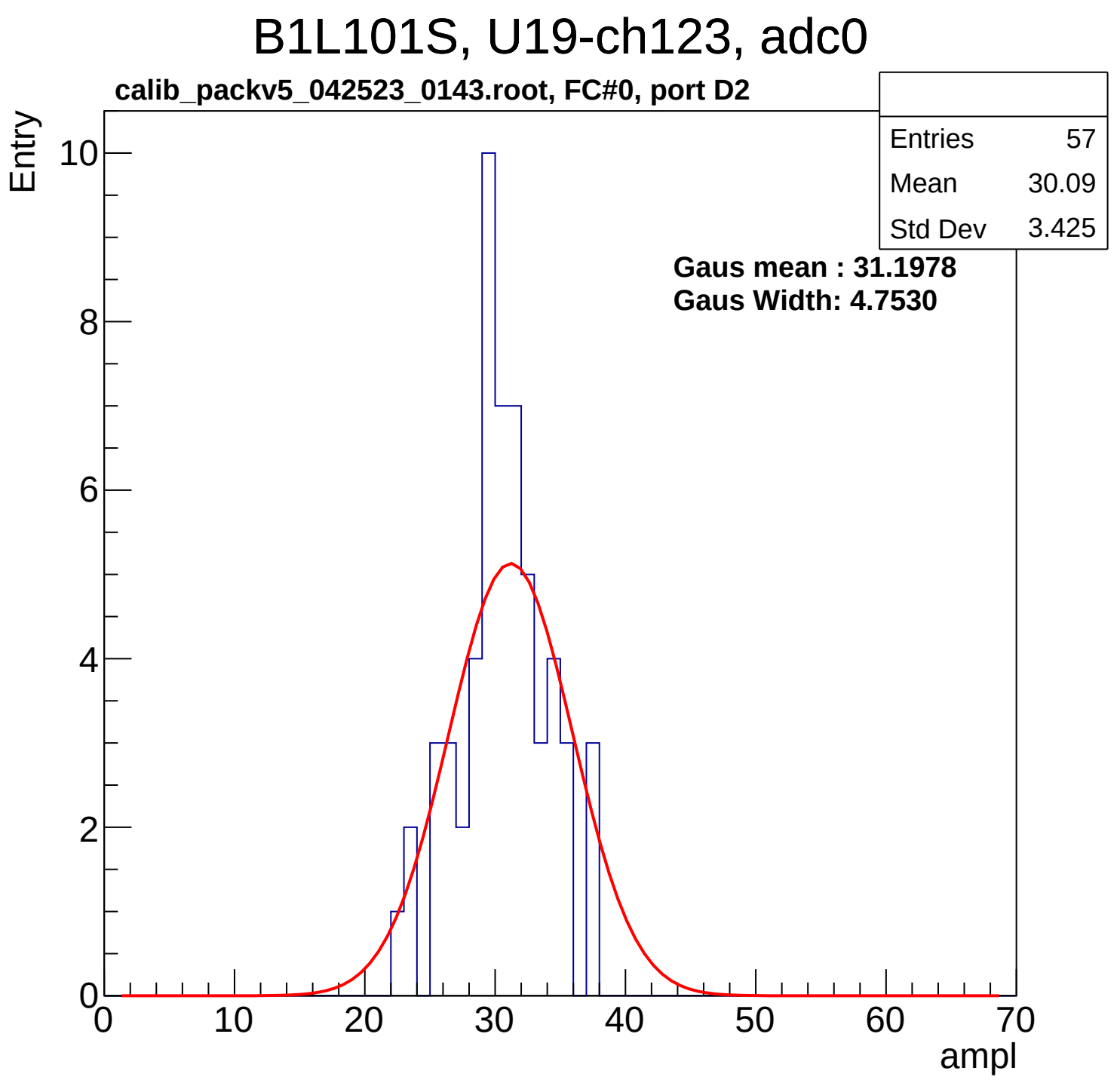
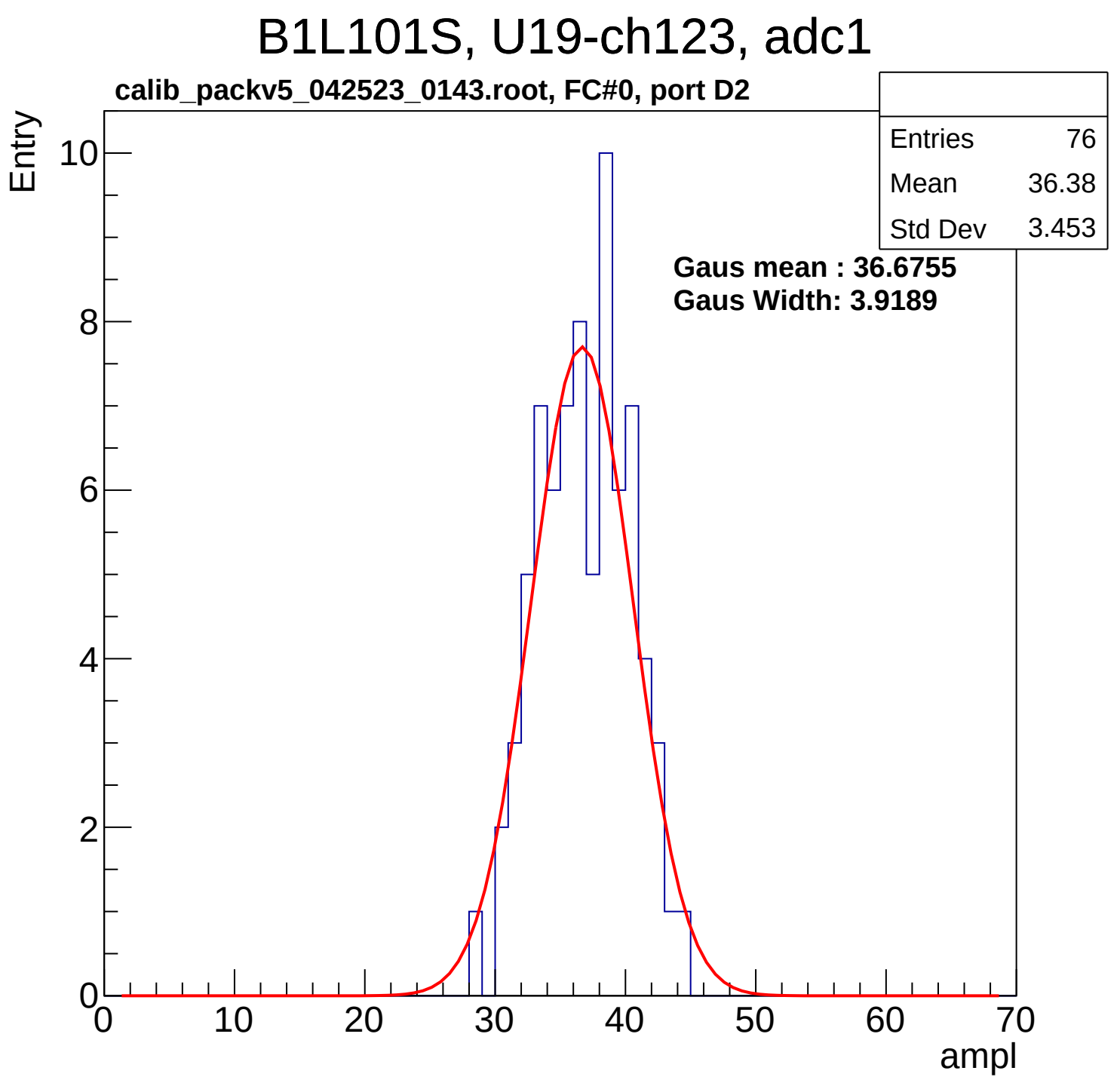
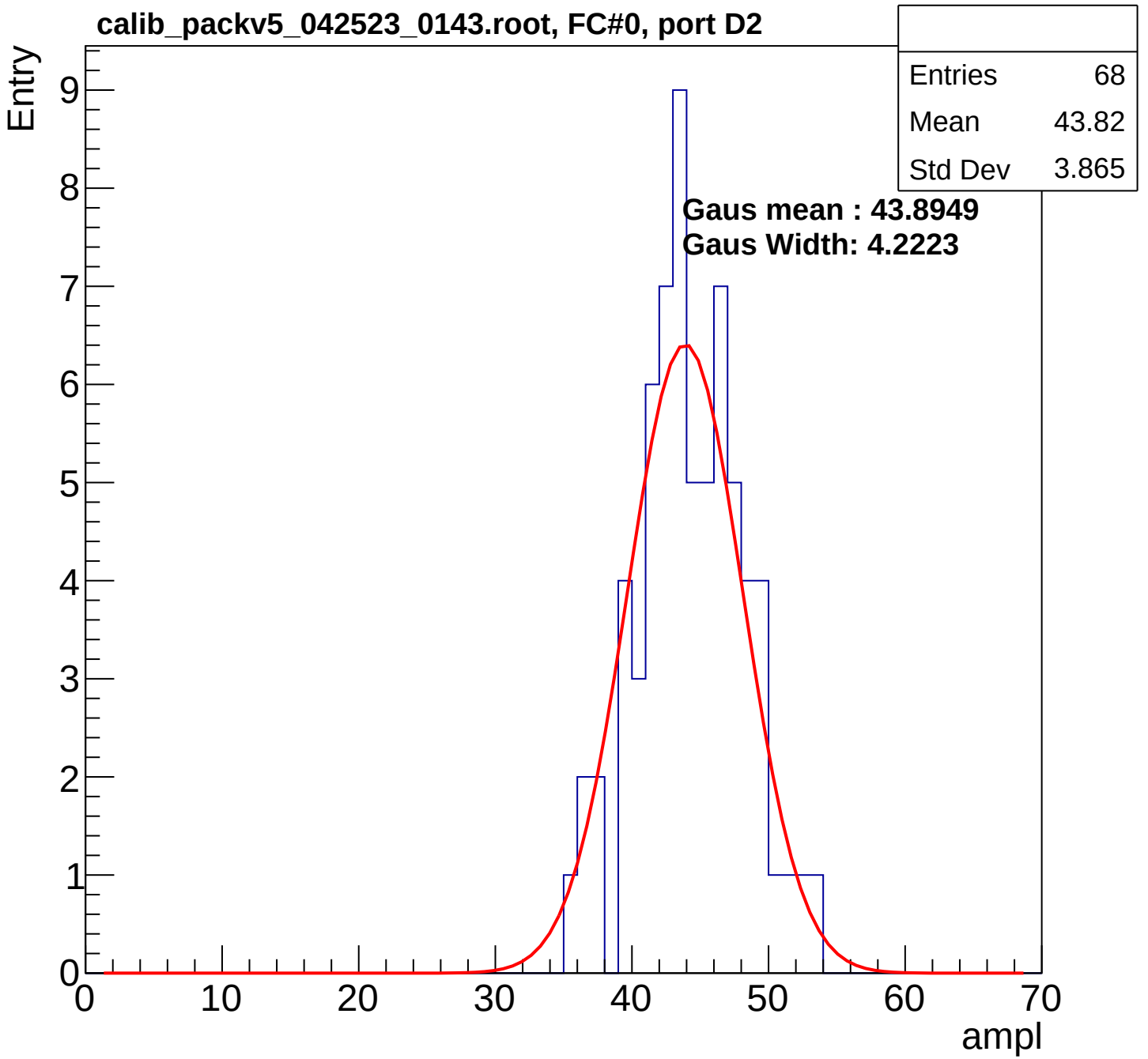
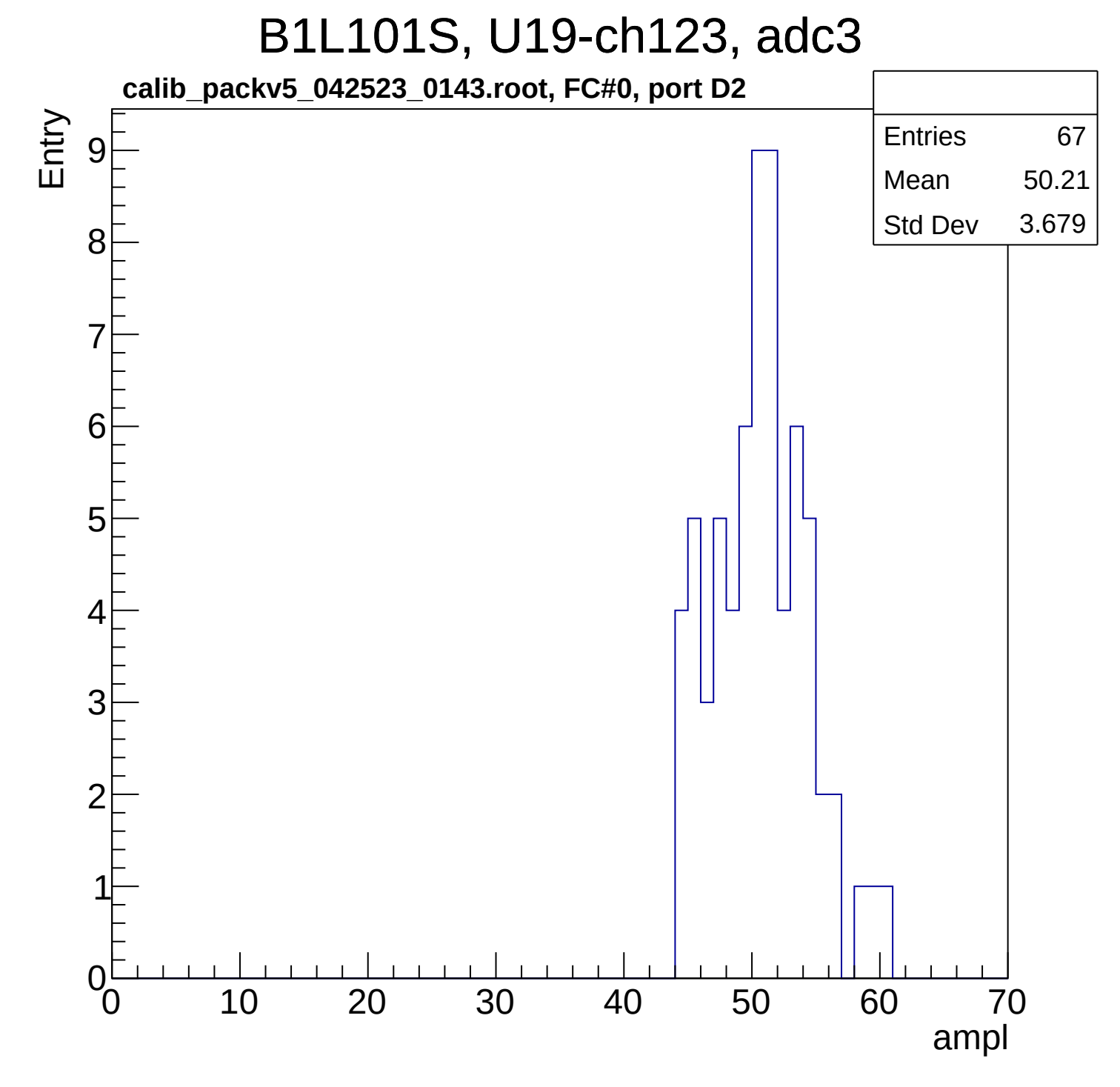

B1L101S, U19-ch122, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 61.4
Std Dev 1.625
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch122, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch123, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 30.09
Std Dev 3.425
Gaus mean : 31.1978
Gaus Width: 4.7530
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch123, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 36.38
Std Dev 3.453
Gaus mean : 36.6755
Gaus Width: 3.9189
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch123, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 43.82
Std Dev 3.865
Gaus mean : 43.8949
Gaus Width: 4.2223
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch123, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 50.21
Std Dev 3.679
Entry
ampl
0
1
2
3
4
5
6
7
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9
0
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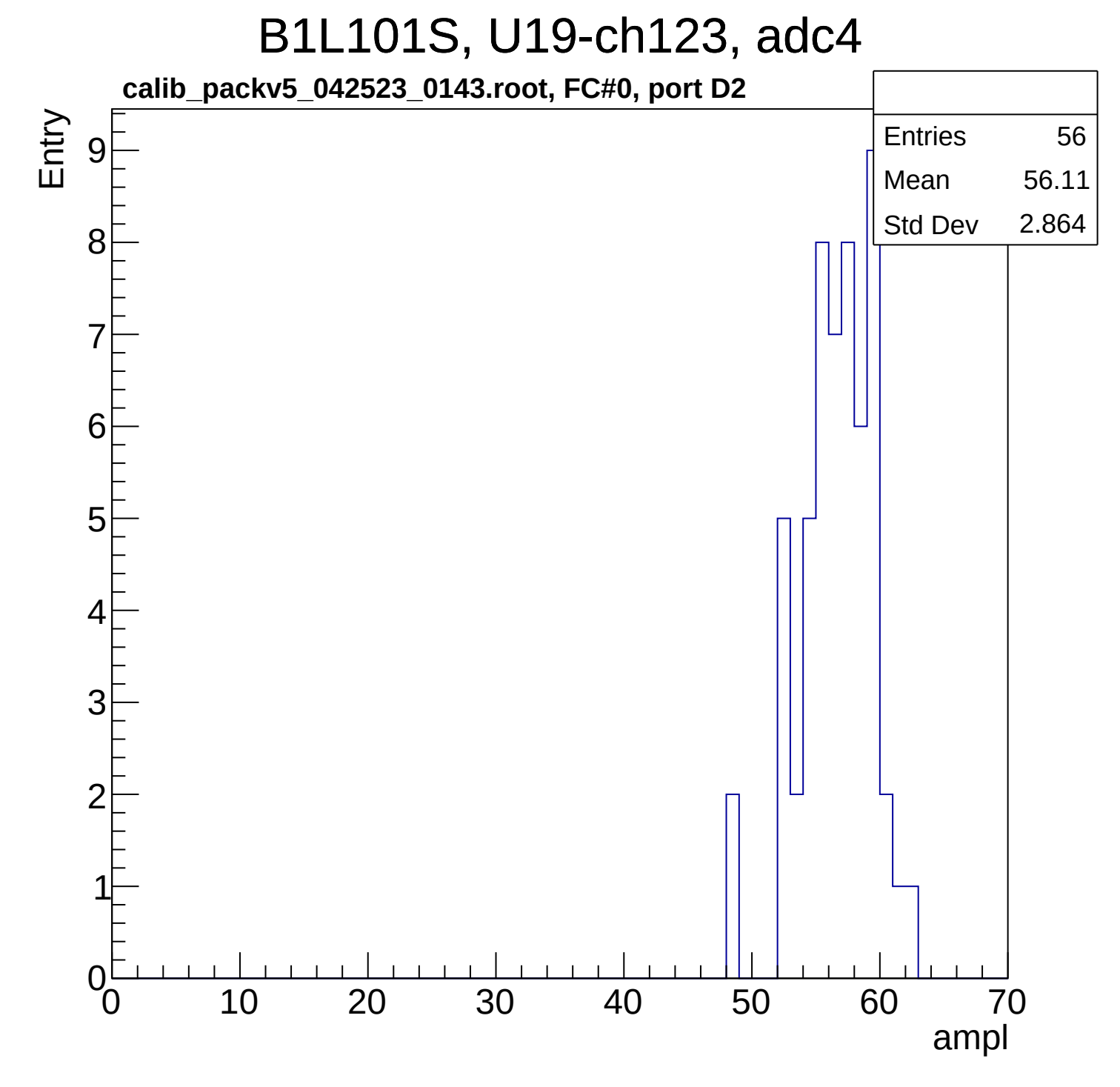
B1L101S, U19-ch123, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 56.11
Std Dev 2.864
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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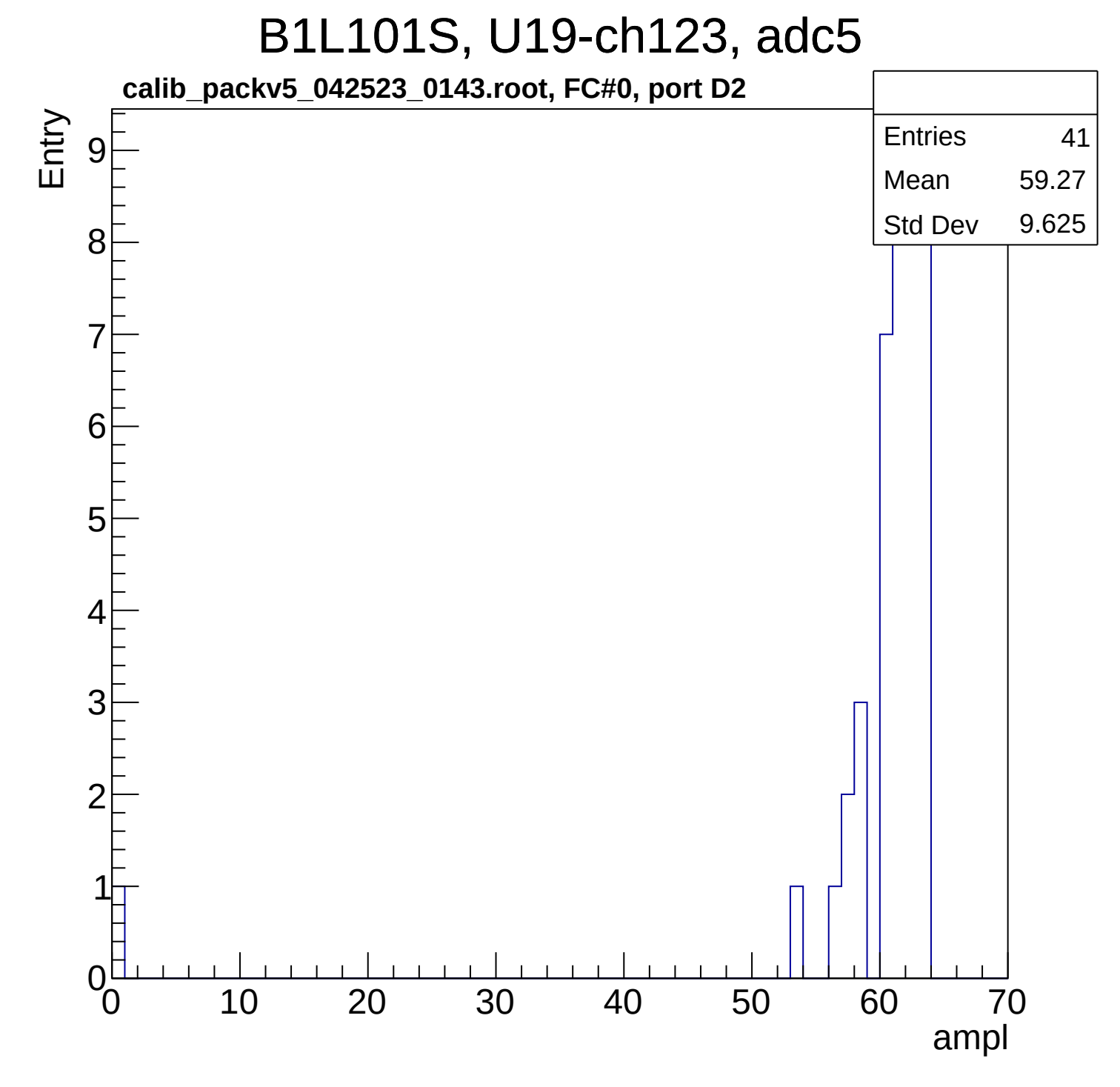
B1L101S, U19-ch123, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 59.27
Std Dev 9.625
Entry
ampl
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2
3
4
5
6
7
8
9
0
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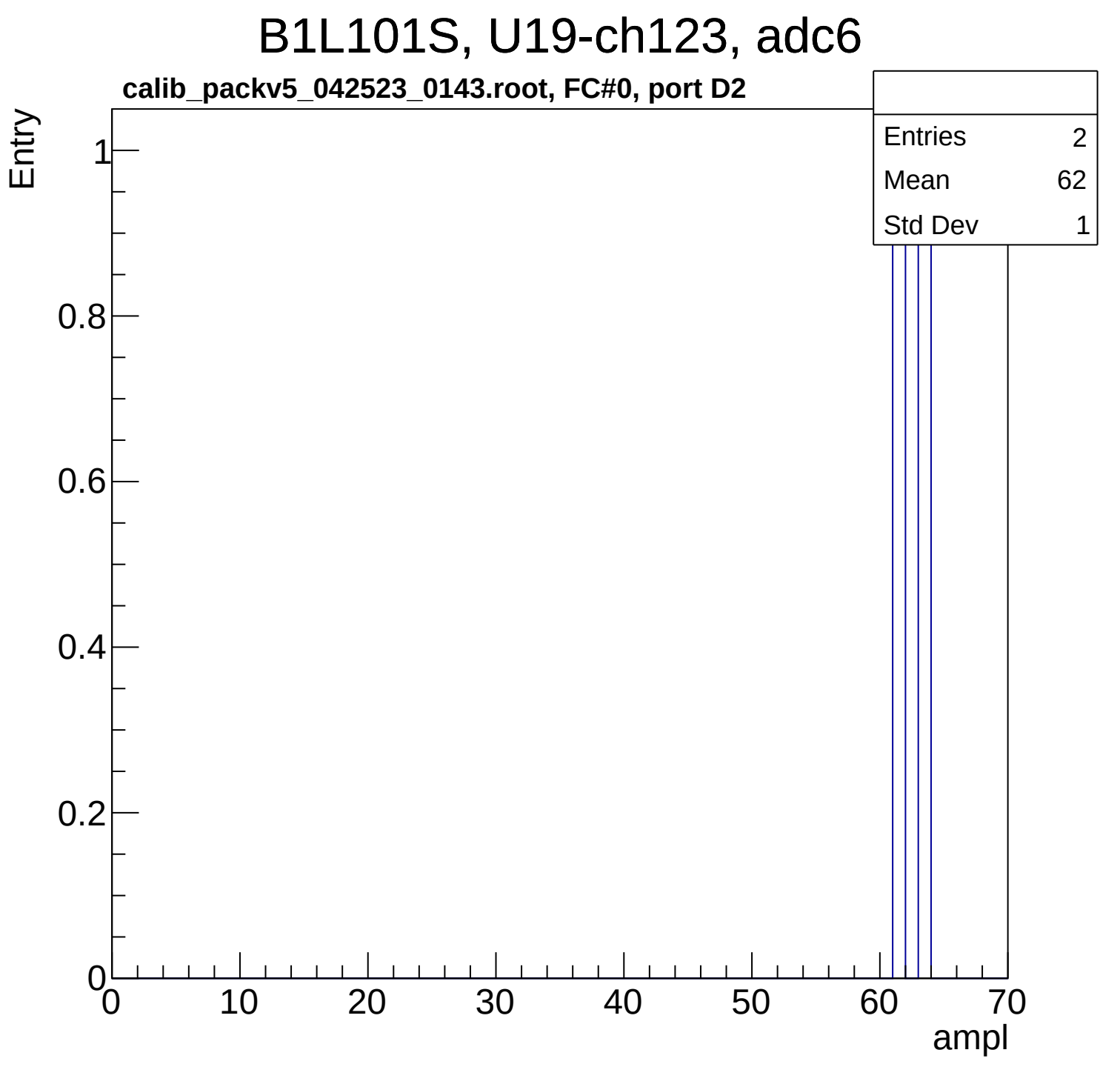
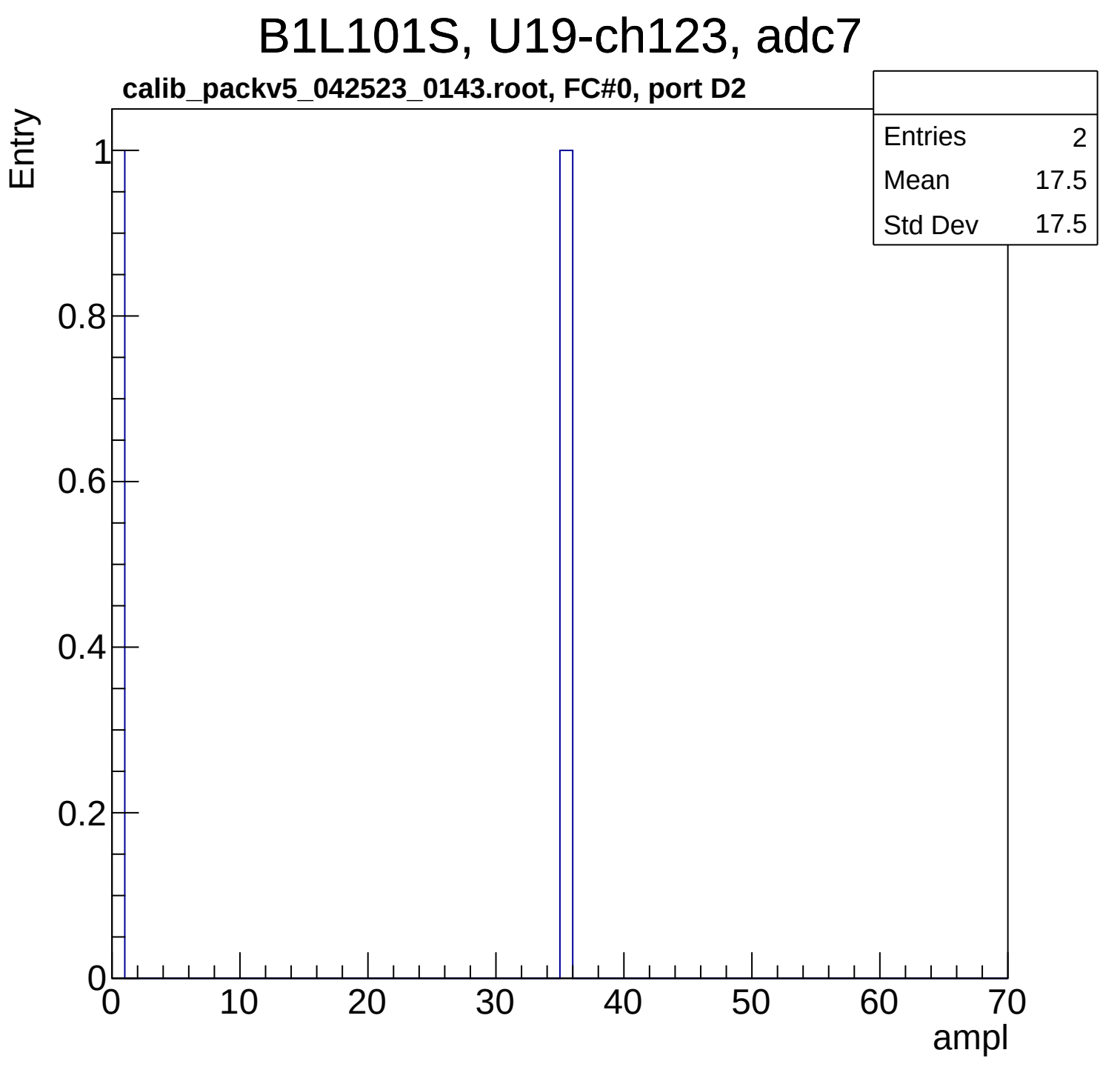

B1L101S, U19-ch123, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch123, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 17.5
Std Dev 17.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
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60
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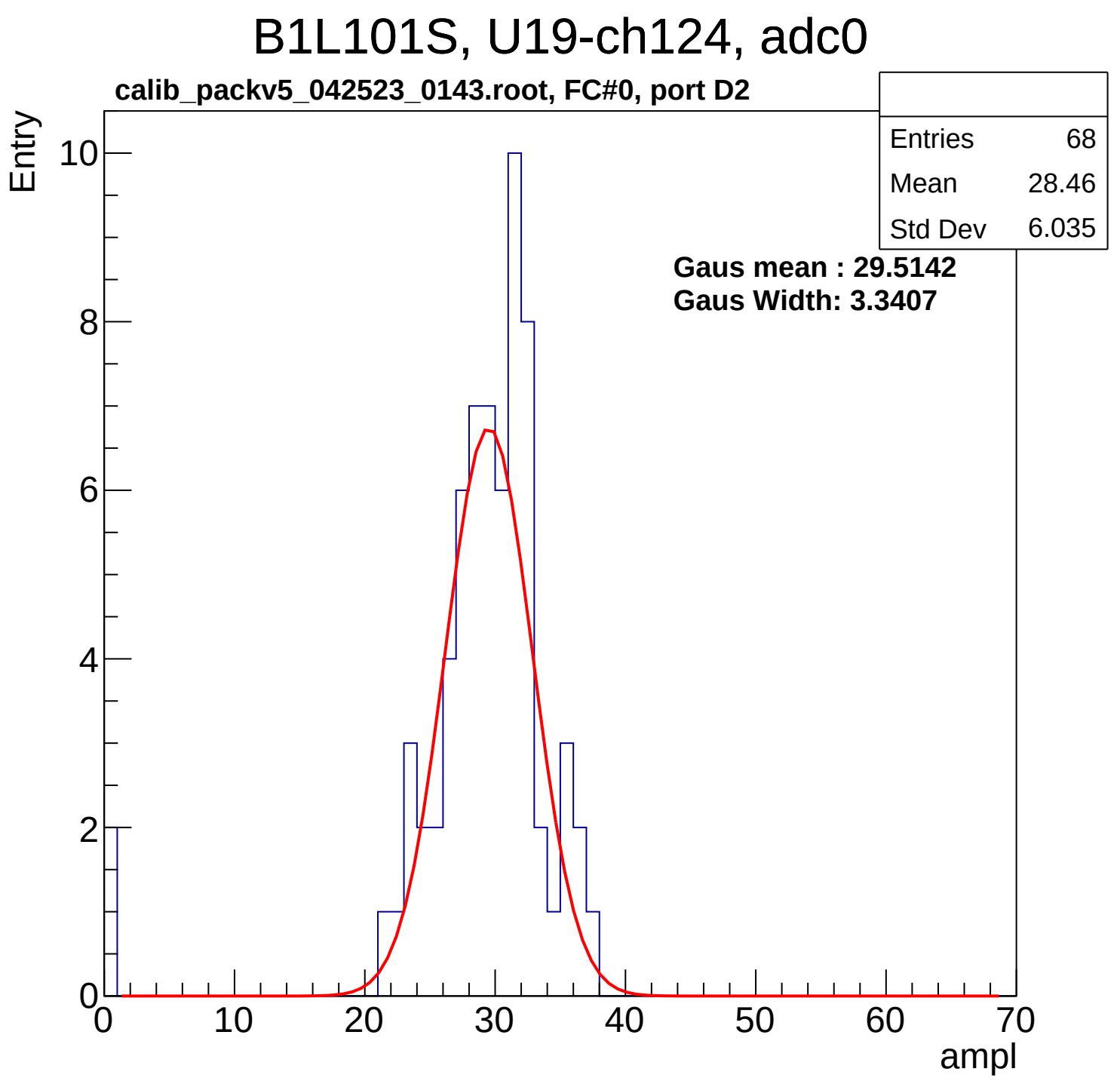
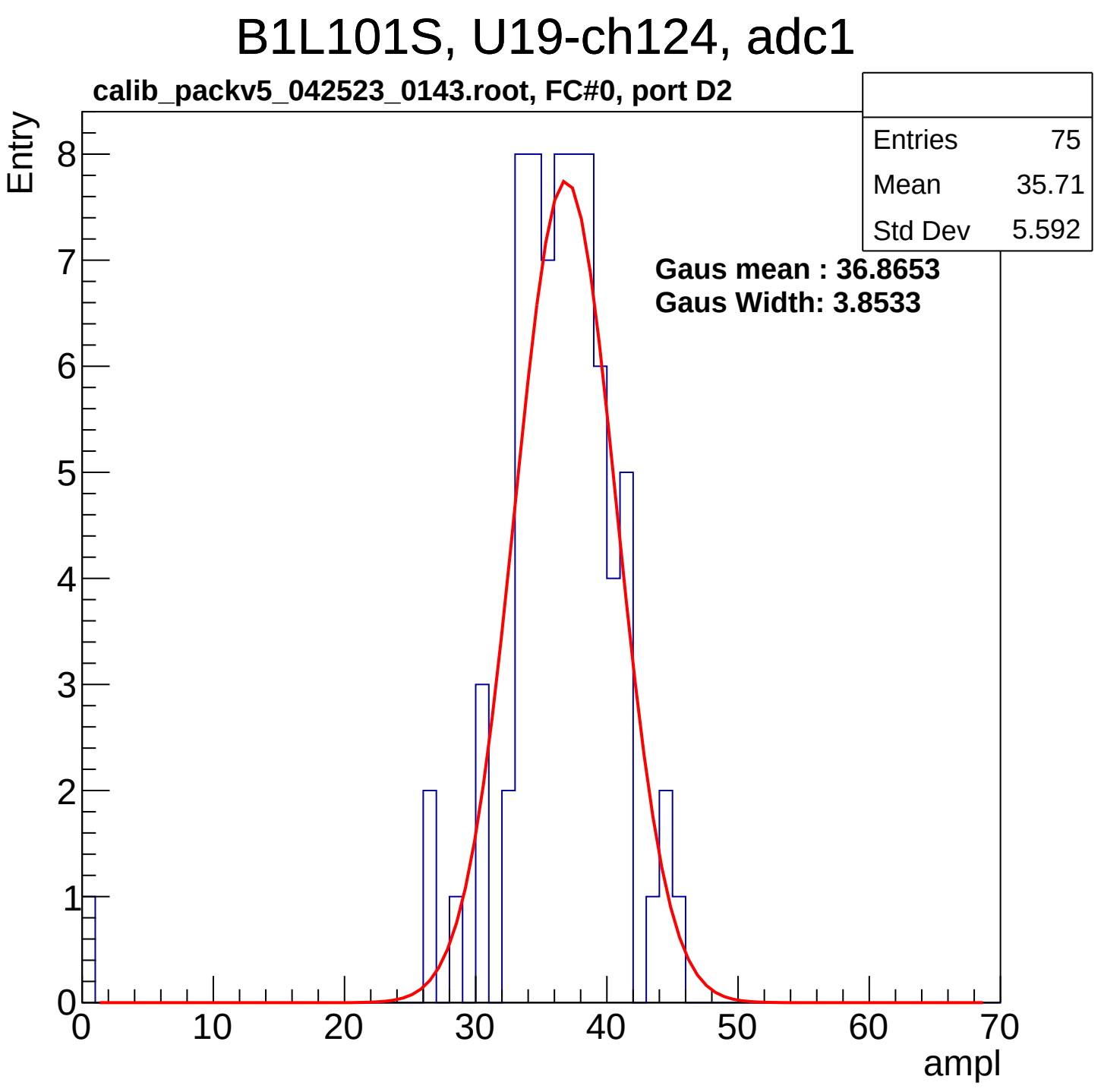
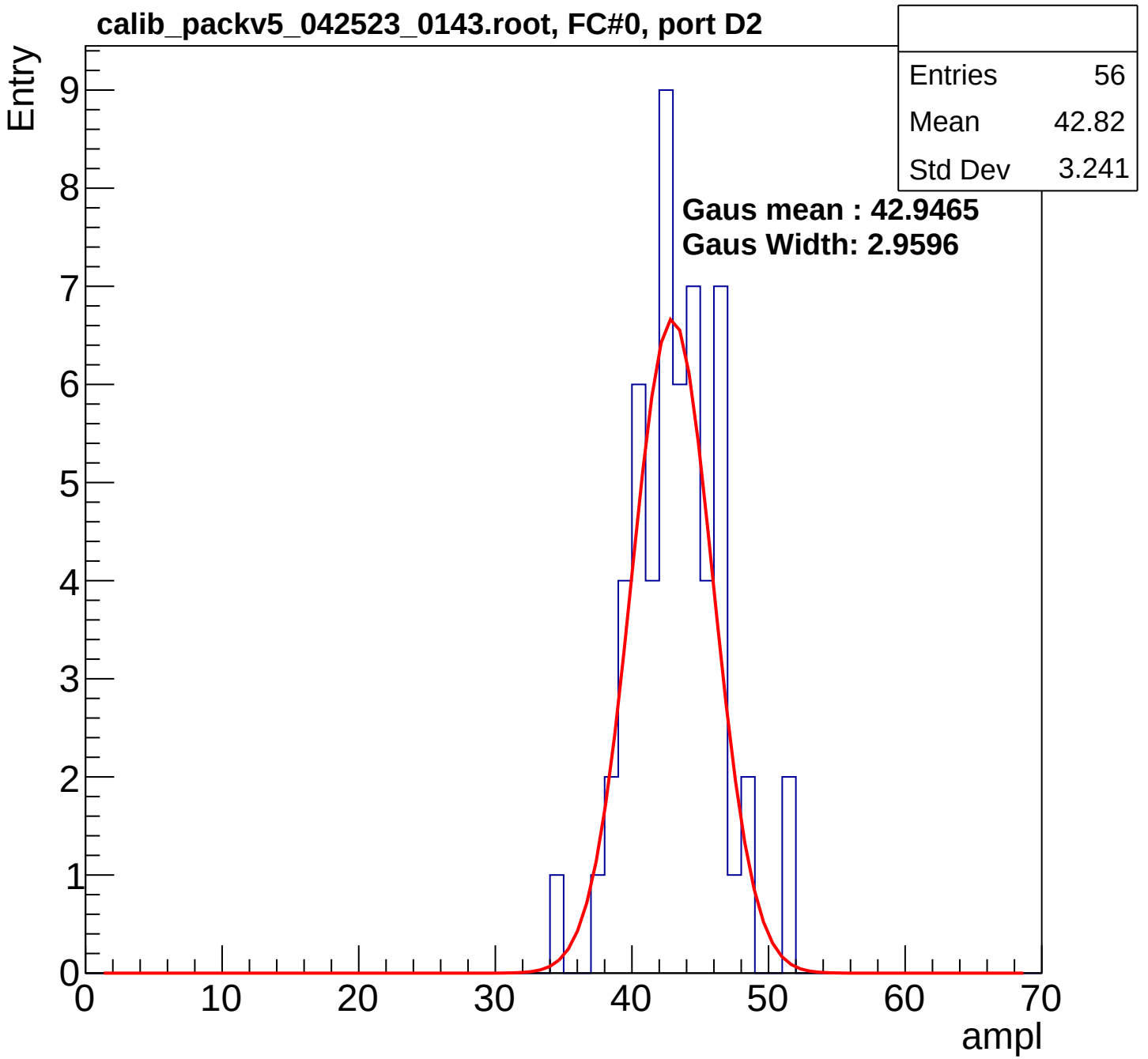

B1L101S, U19-ch124, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 28.46
Std Dev 6.035
Gaus mean : 29.5142
Gaus Width: 3.3407
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch124, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 35.71
Std Dev 5.592
Gaus mean : 36.8653
Gaus Width: 3.8533
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch124, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 42.82
Std Dev 3.241
Gaus mean : 42.9465
Gaus Width: 2.9596
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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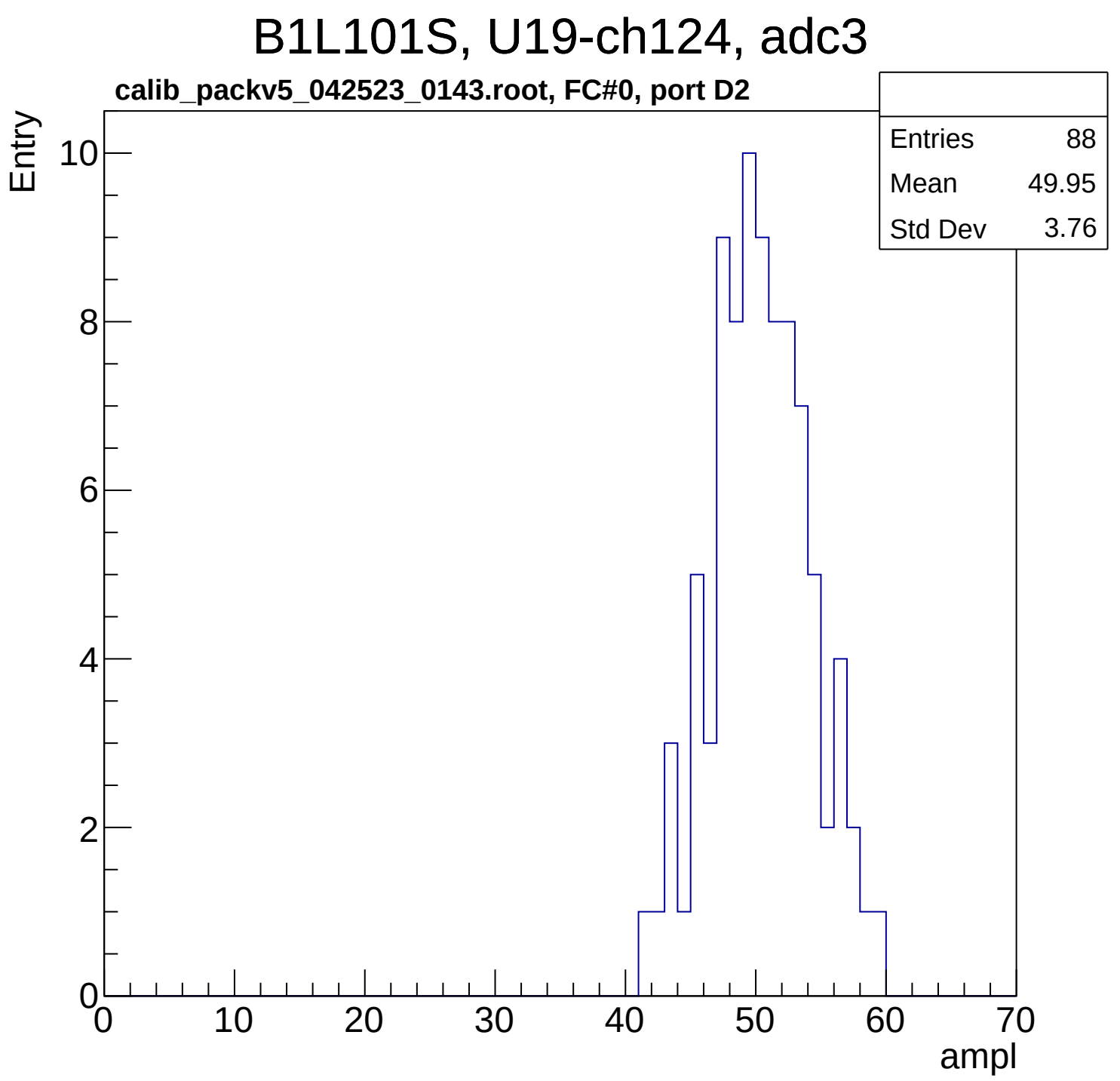
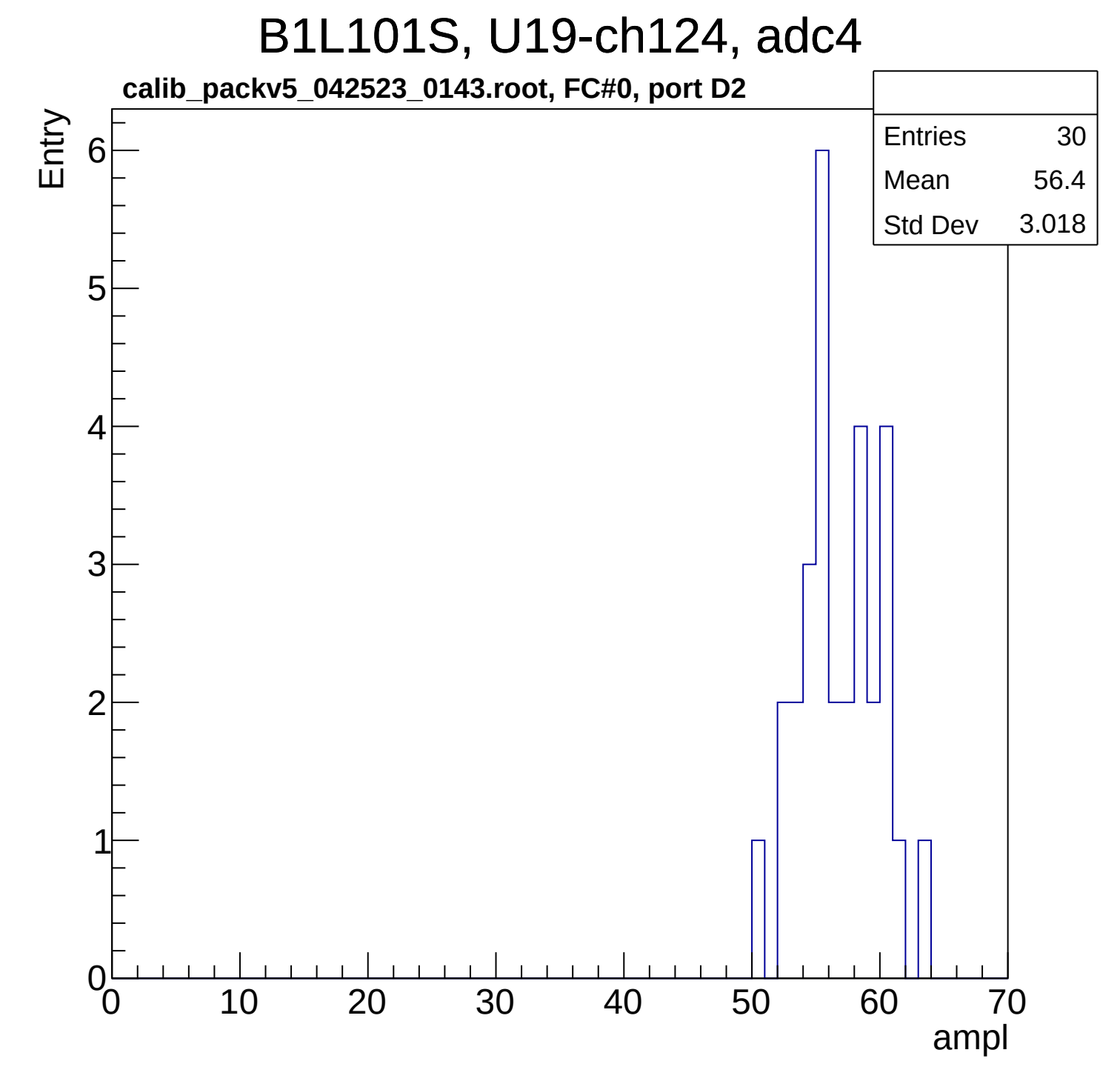
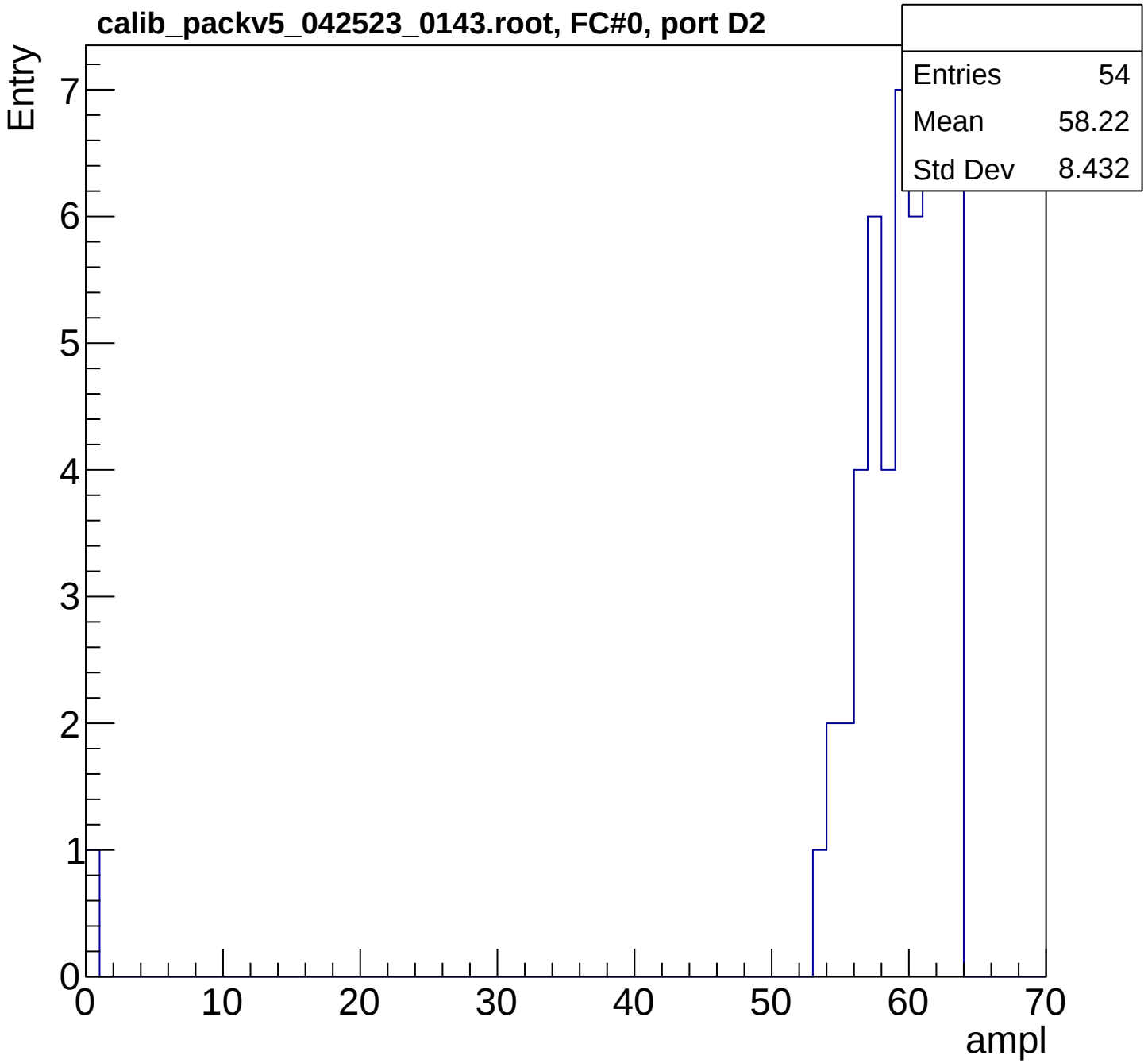
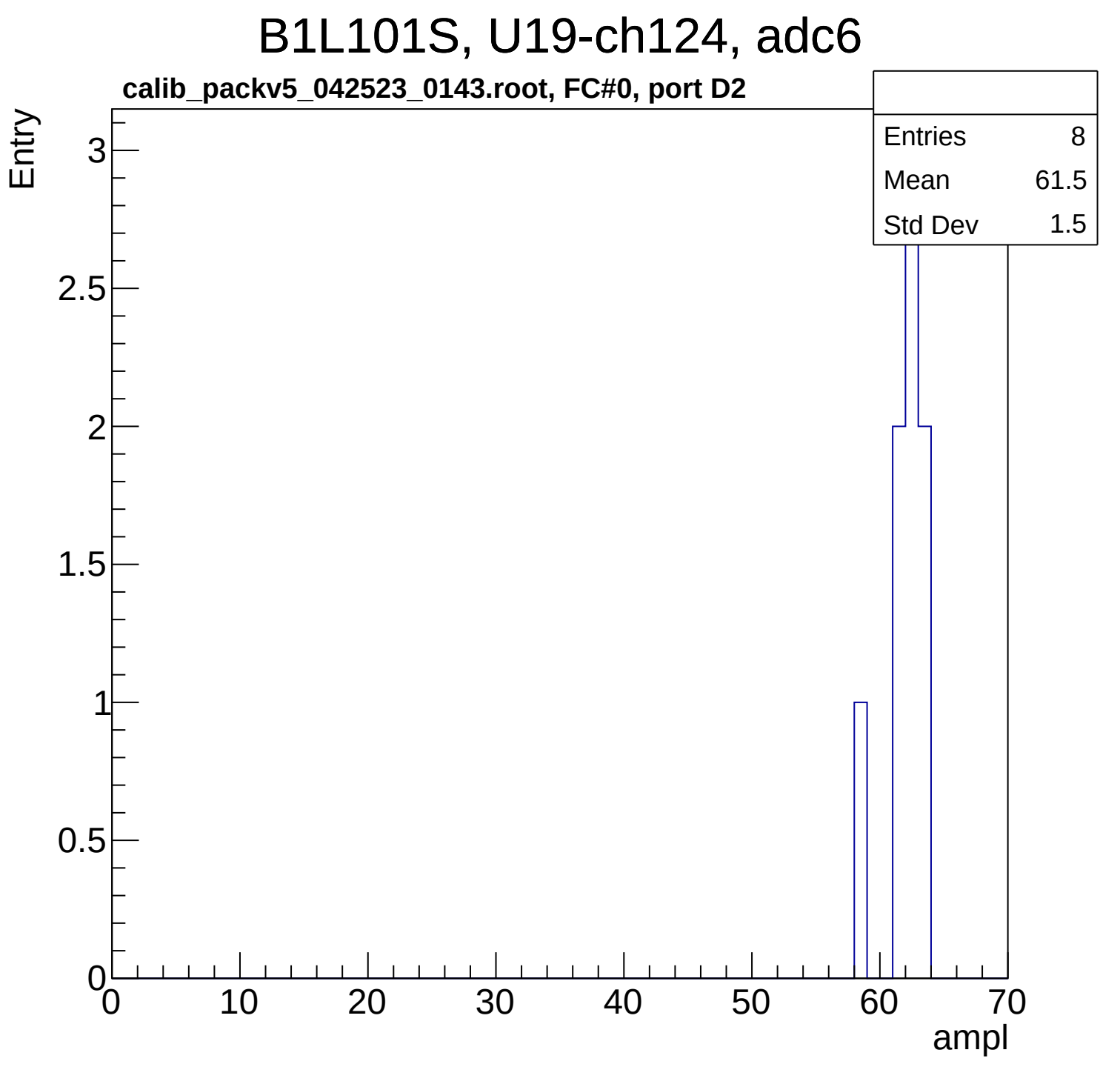
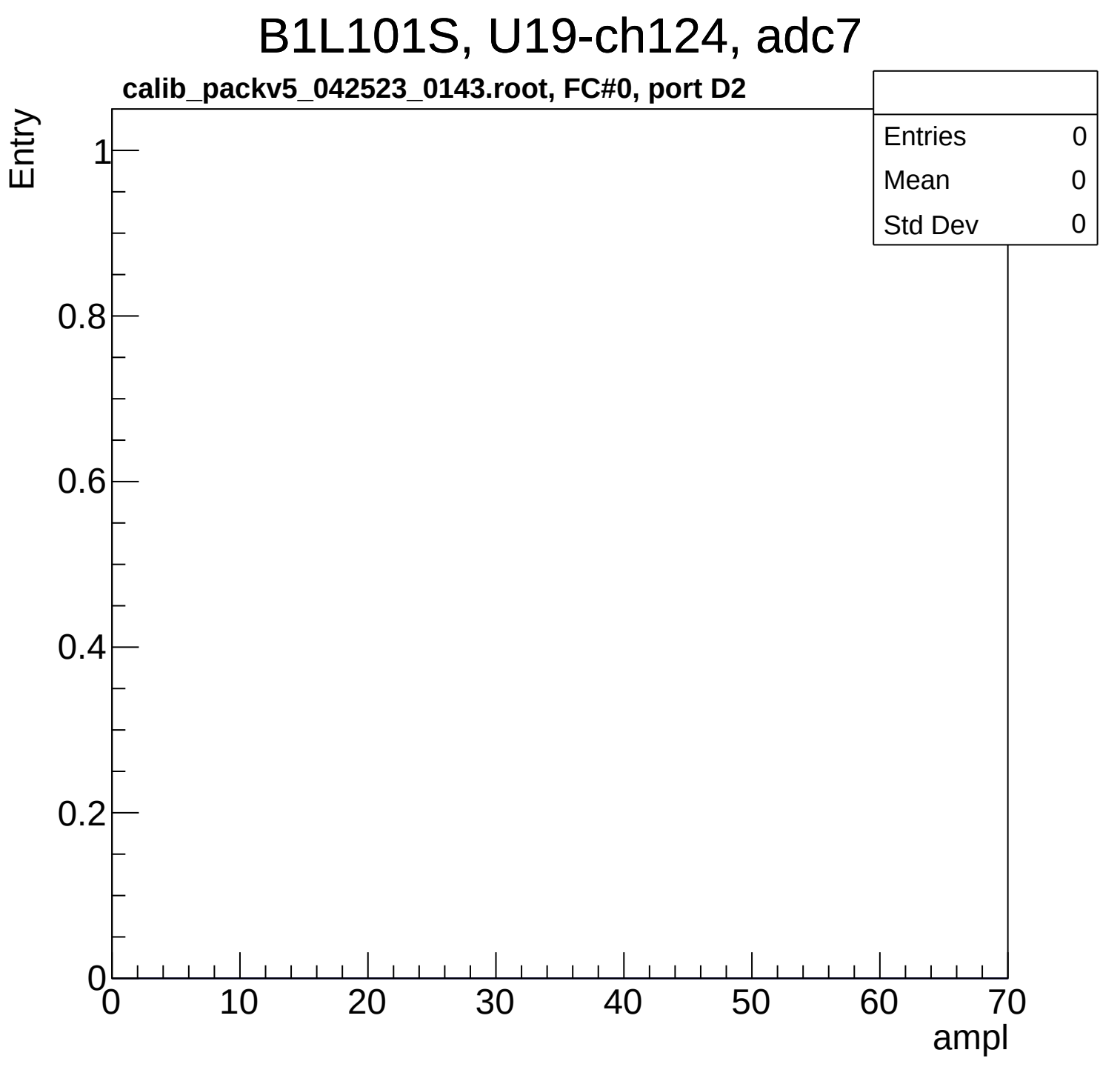
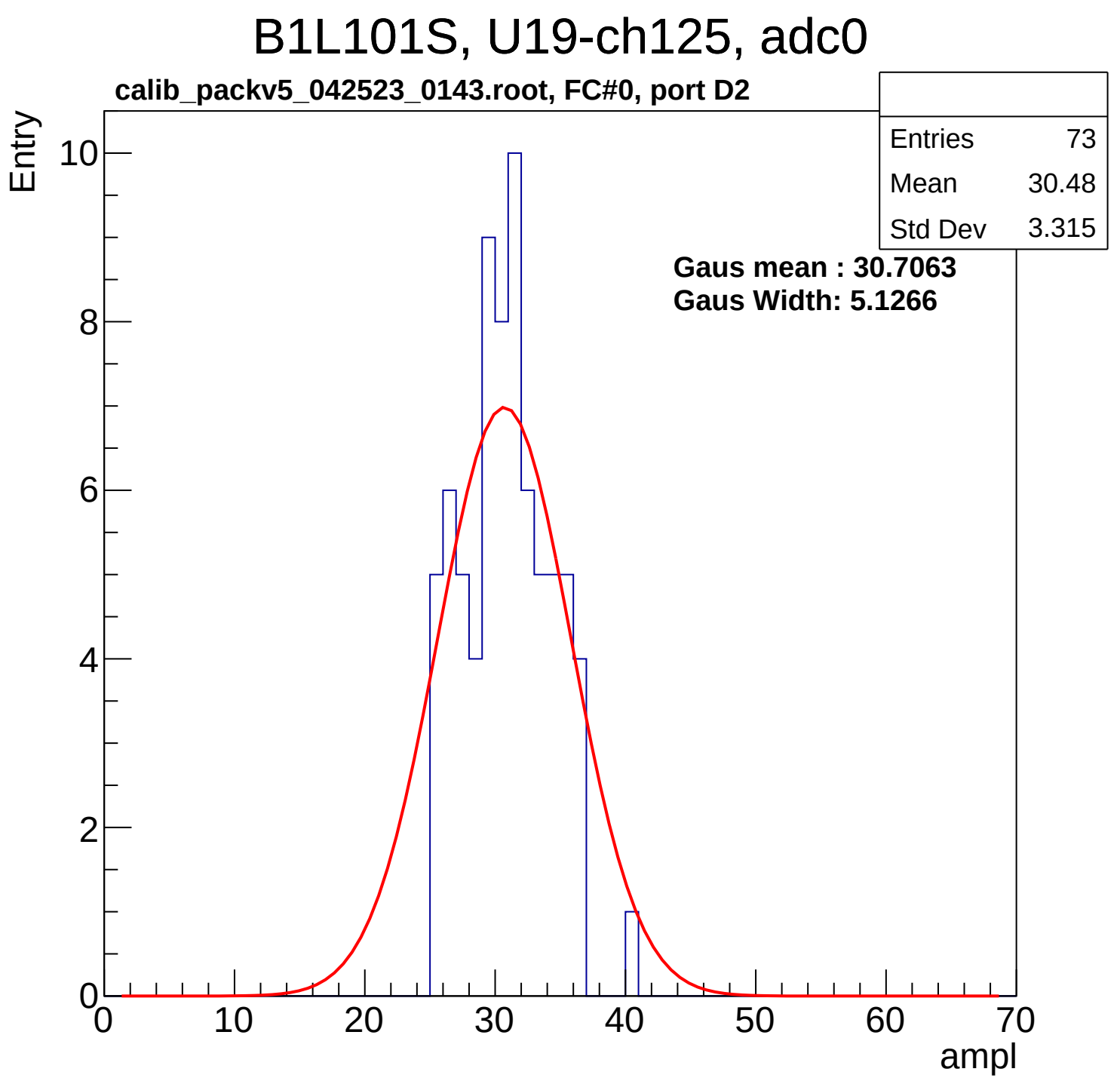

B1L101S, U19-ch124, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 88
Mean 49.95
Std Dev 3.76
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

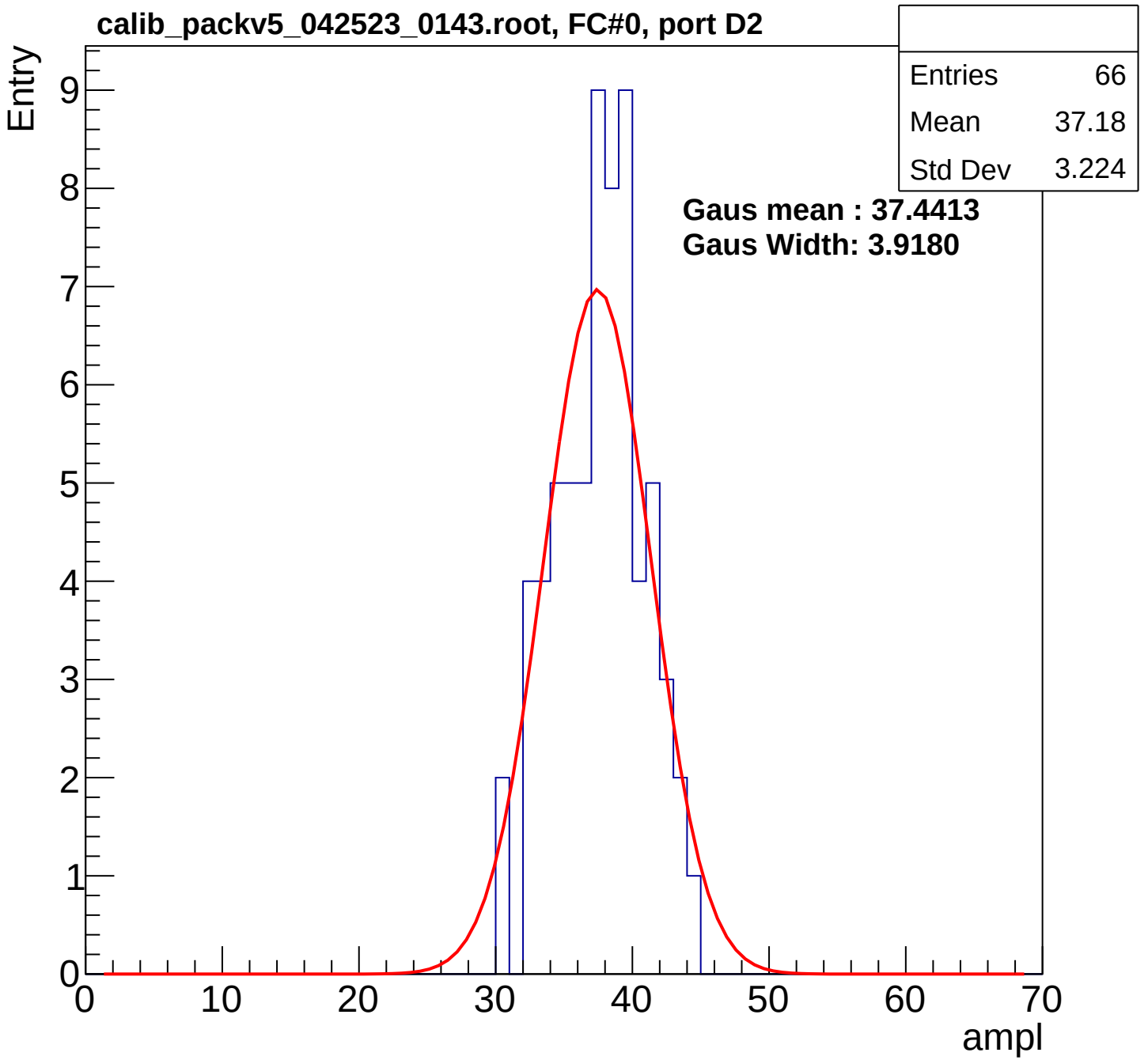

B1L101S, U19-ch124, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 56.4
Std Dev 3.018
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

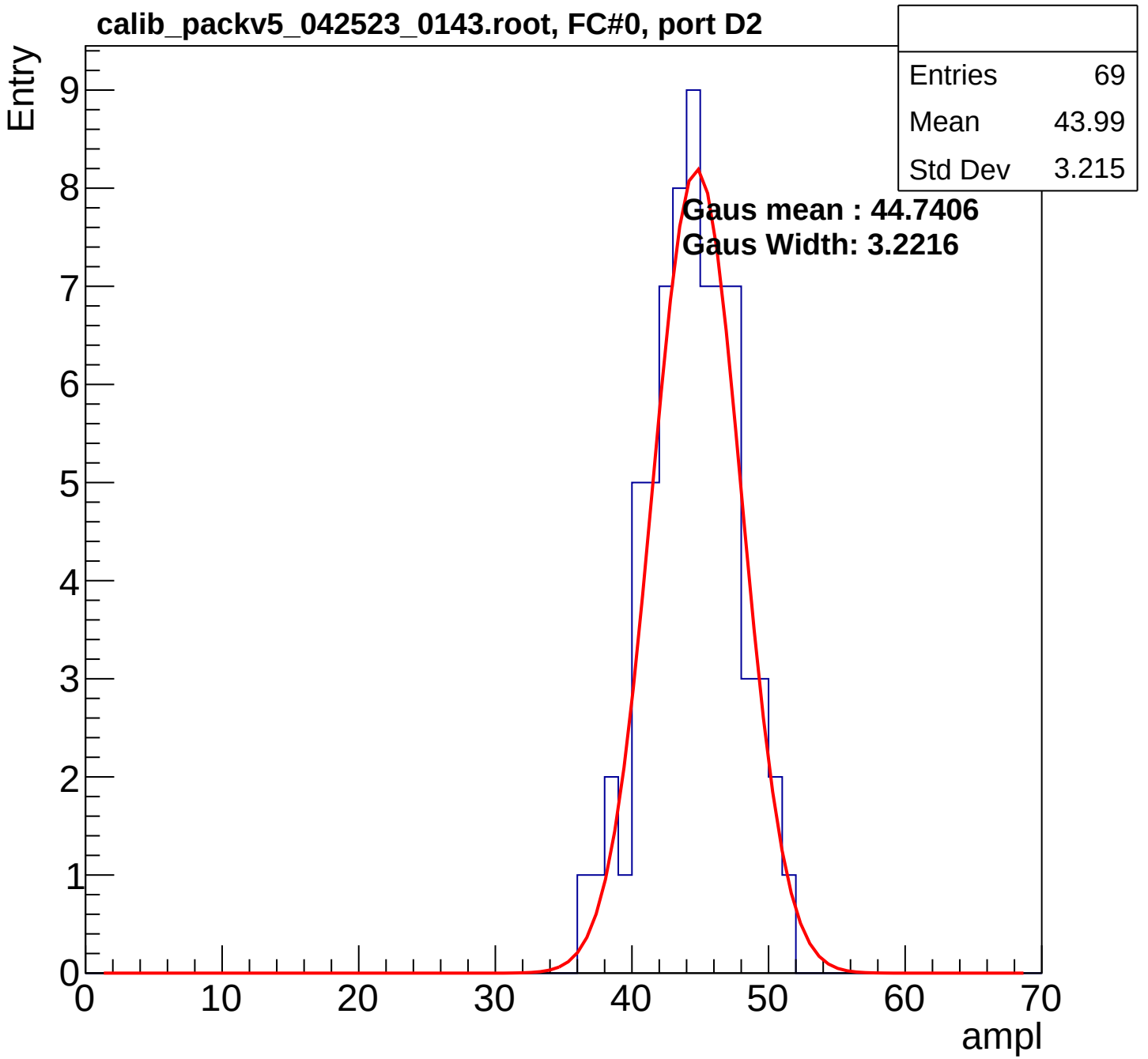

B1L101S, U19-ch124, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 58.22
Std Dev 8.432
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

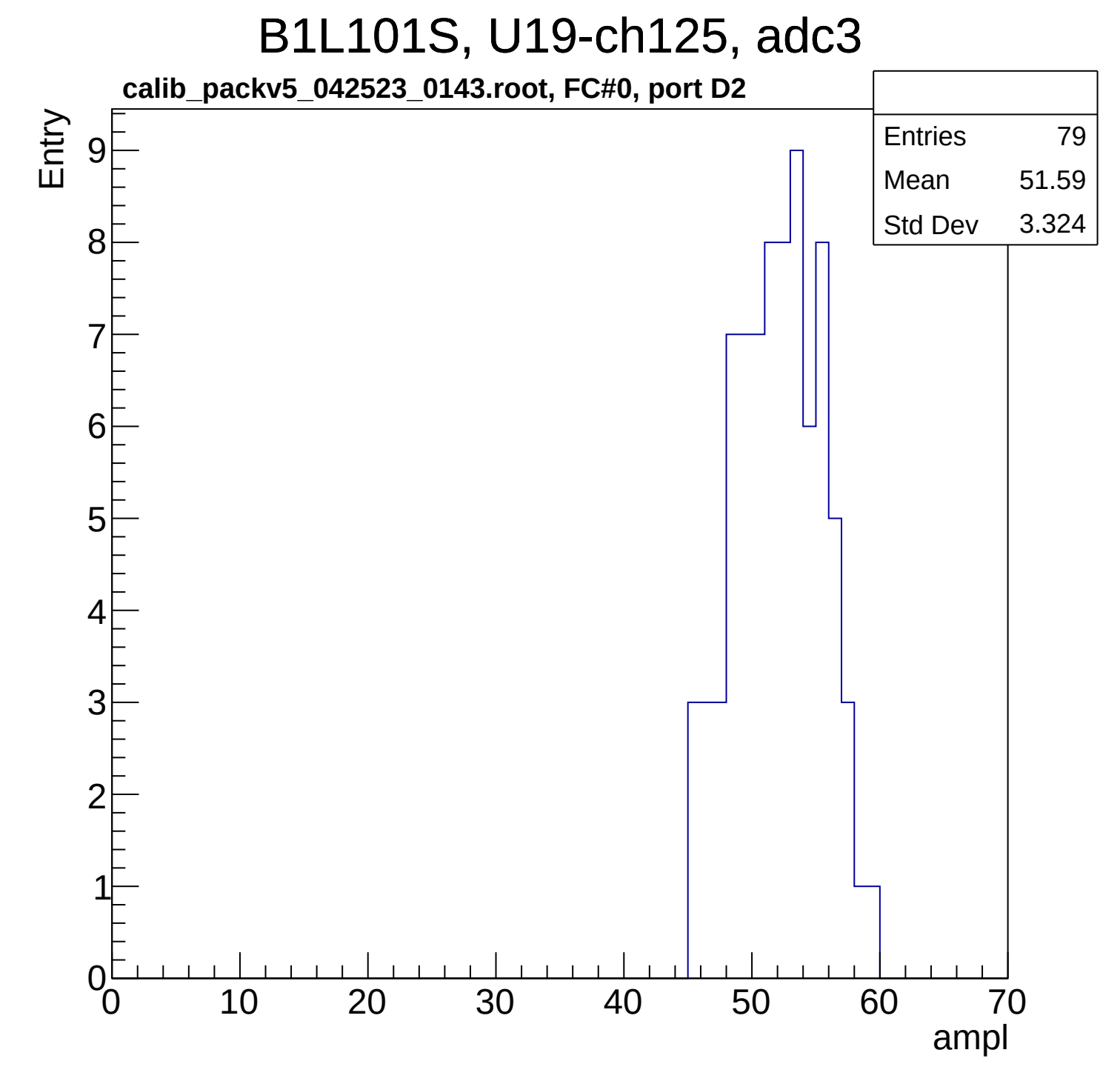

B1L101S, U19-ch124, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 61.5
Std Dev 1.5
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

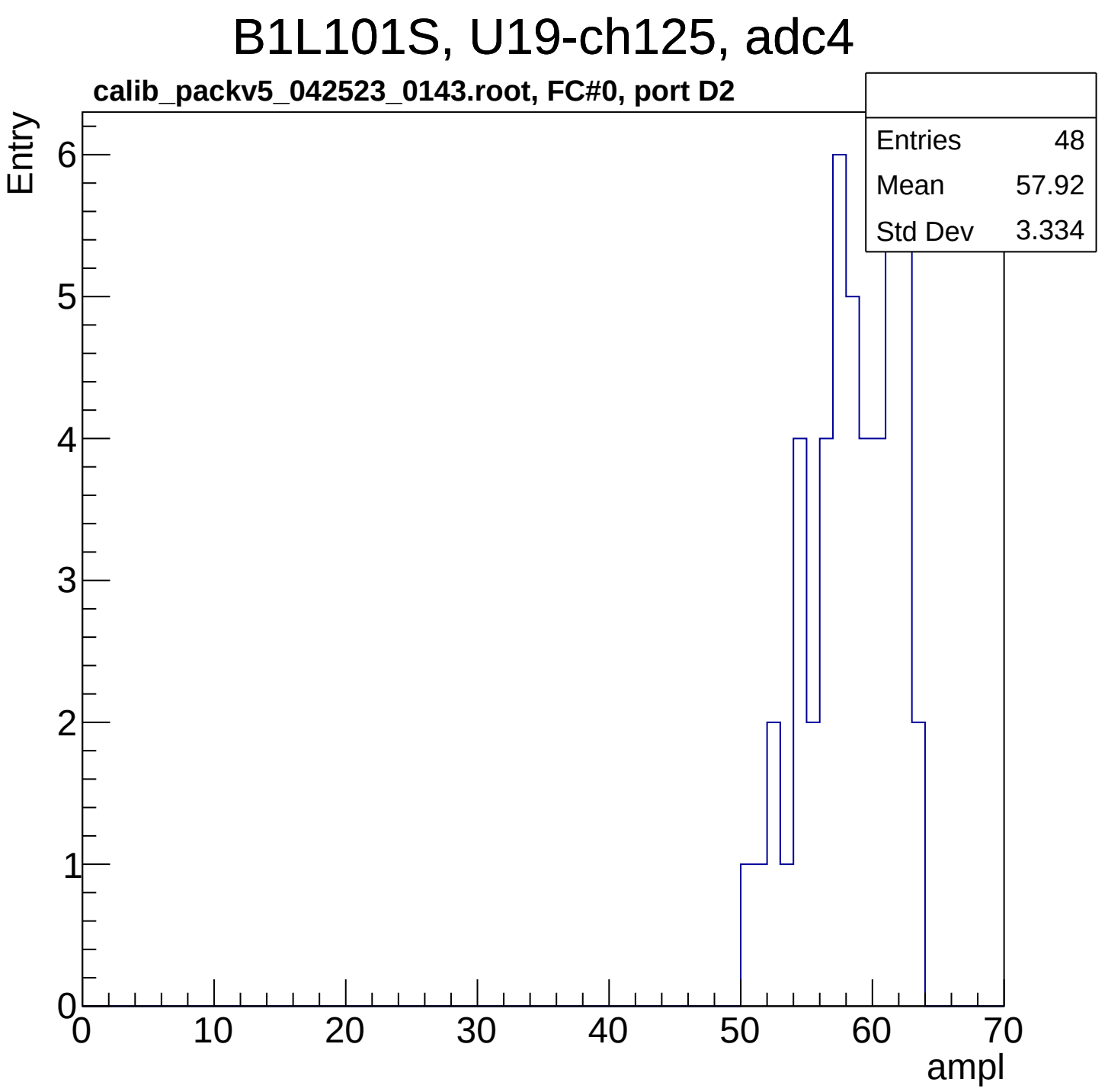

B1L101S, U19-ch124, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

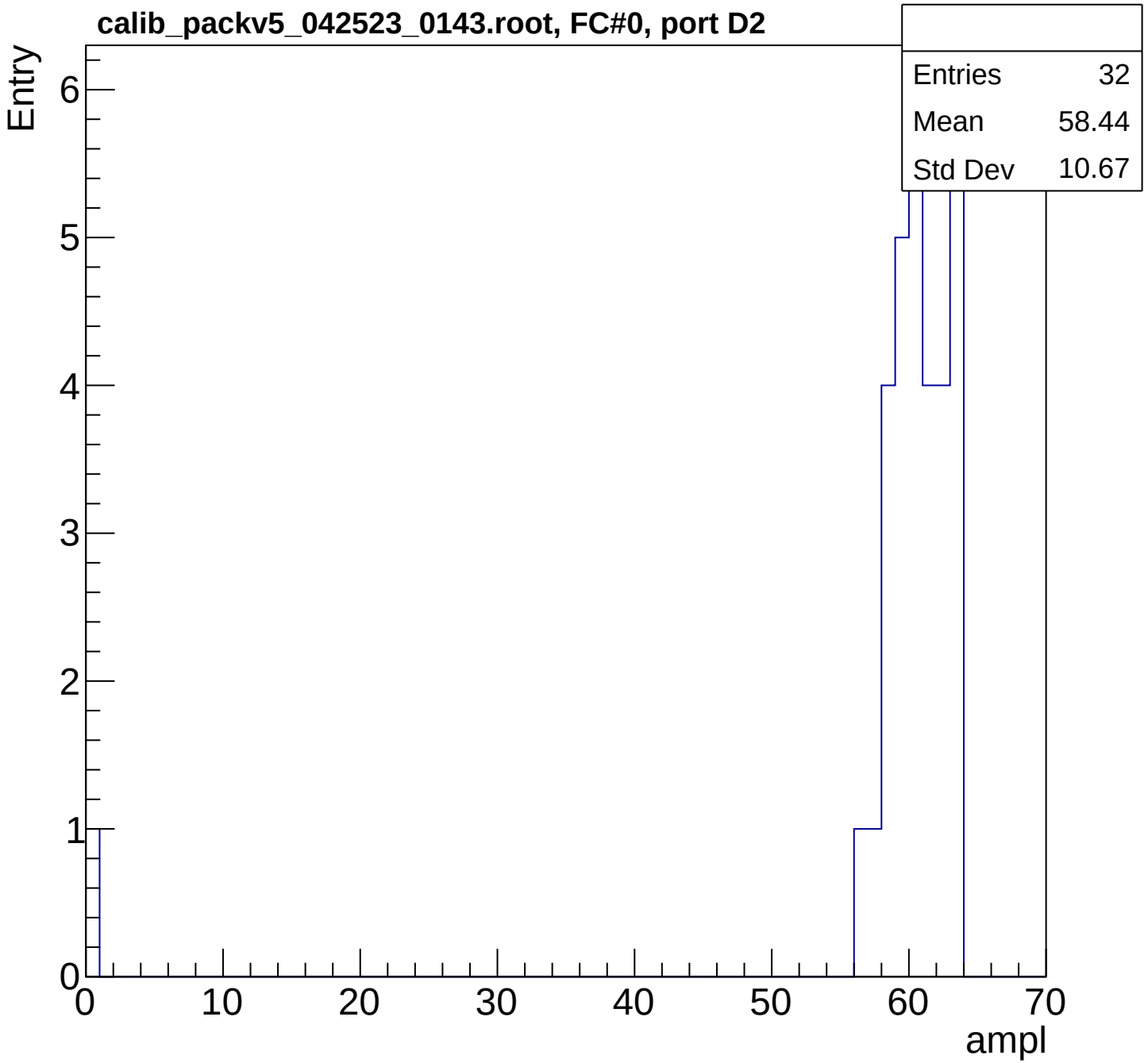

B1L101S, U19-ch125, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 30.48
Std Dev 3.315
Gaus mean : 30.7063
Gaus Width: 5.1266
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

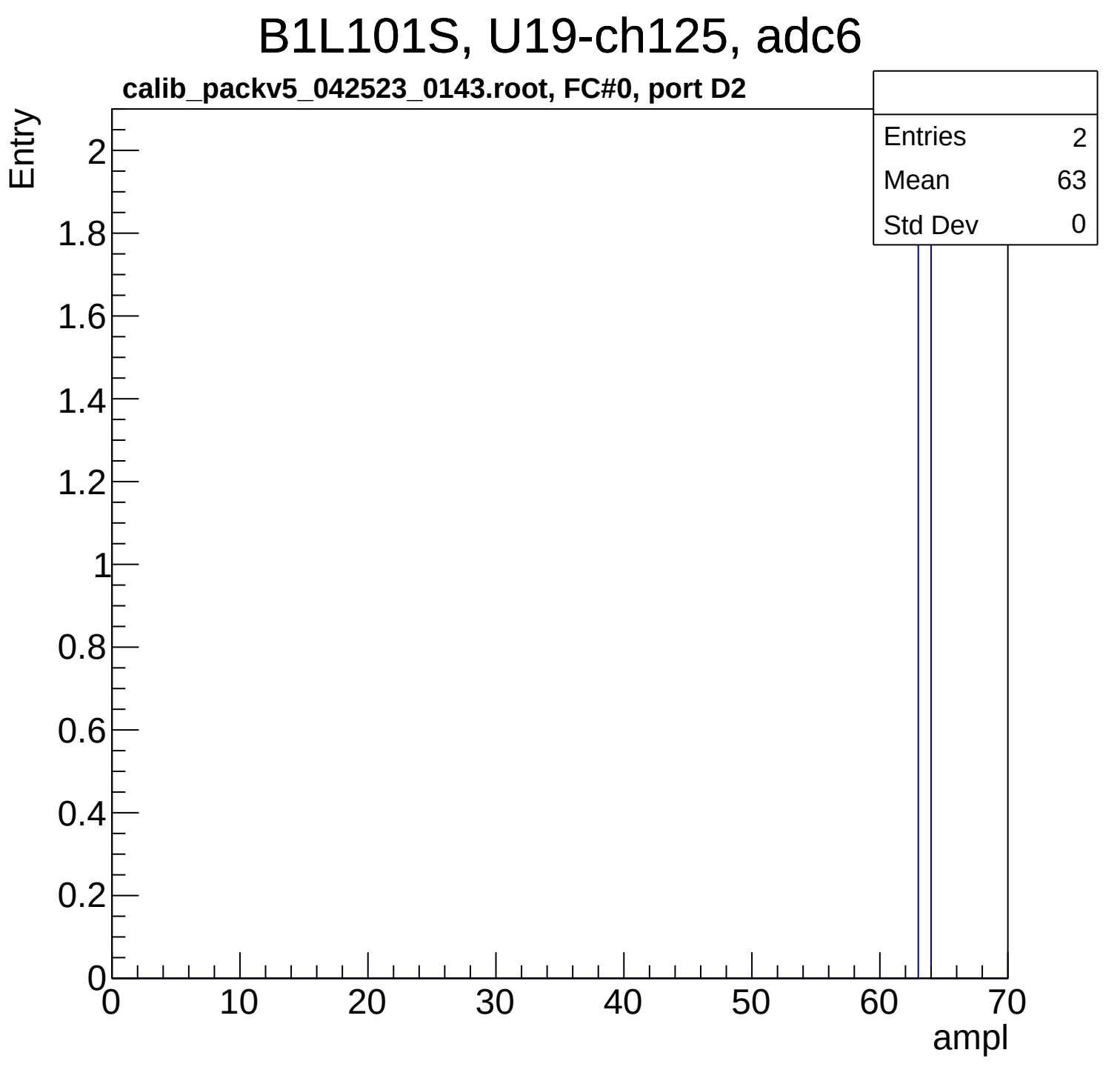

B1L101S, U19-ch125, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 37.18
Std Dev 3.224
Gaus mean : 37.4413
Gaus Width: 3.9180
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

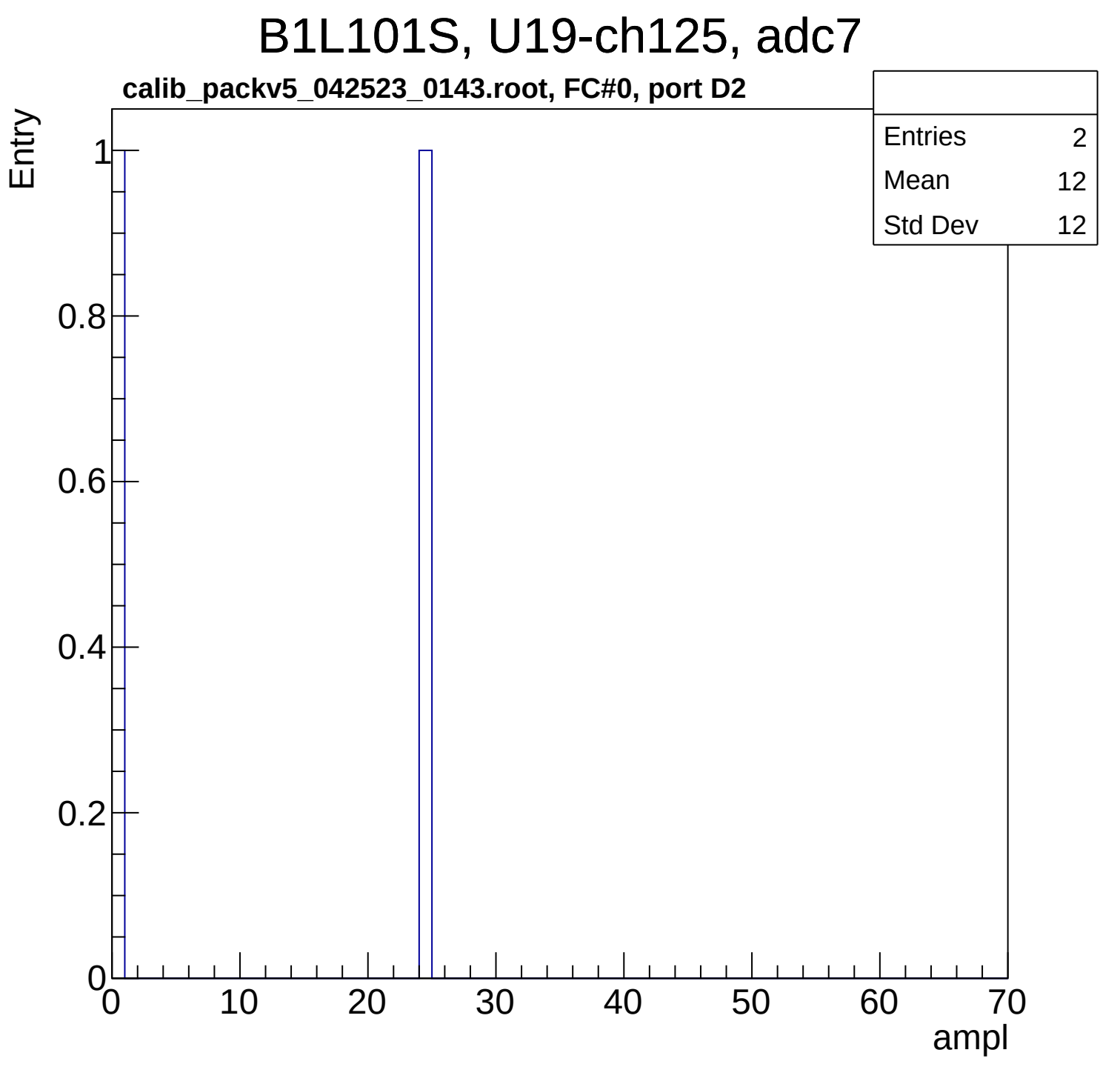

B1L101S, U19-ch125, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 43.99
Std Dev 3.215
Gaus mean : 44.7406
Gaus Width: 3.2216
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

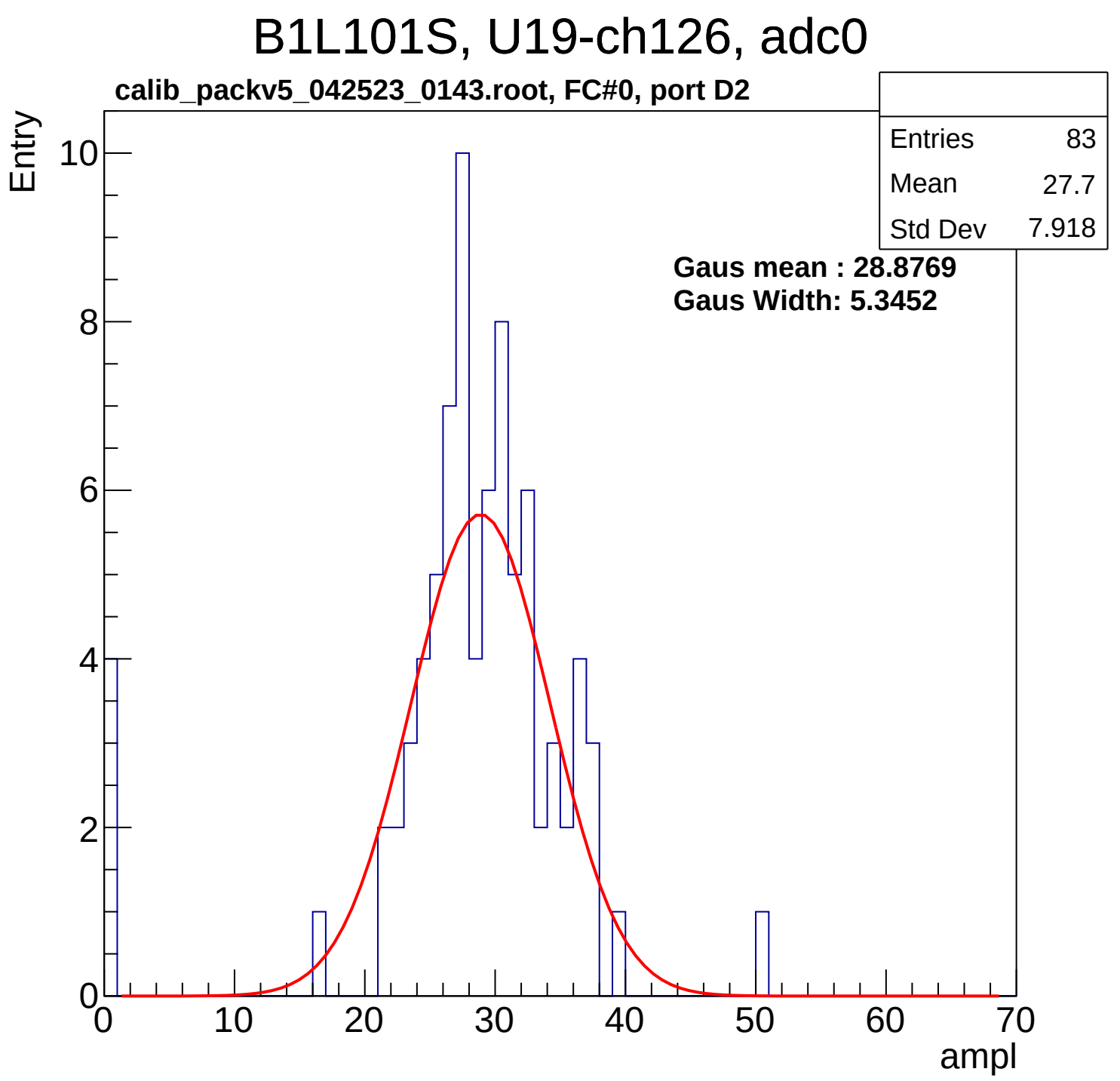

B1L101S, U19-ch125, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 51.59
Std Dev 3.324
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

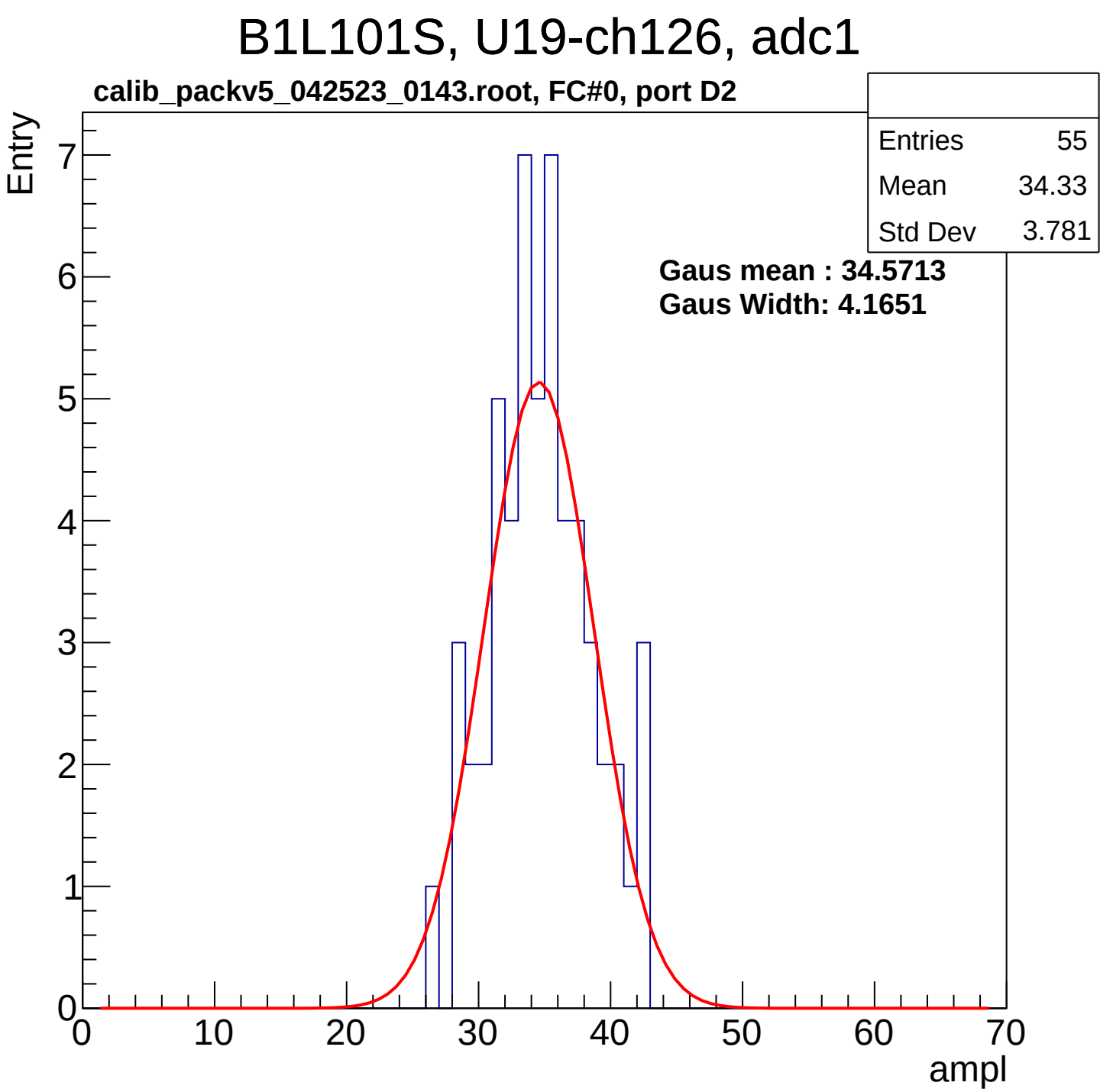

B1L101S, U19-ch125, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 57.92
Std Dev 3.334
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

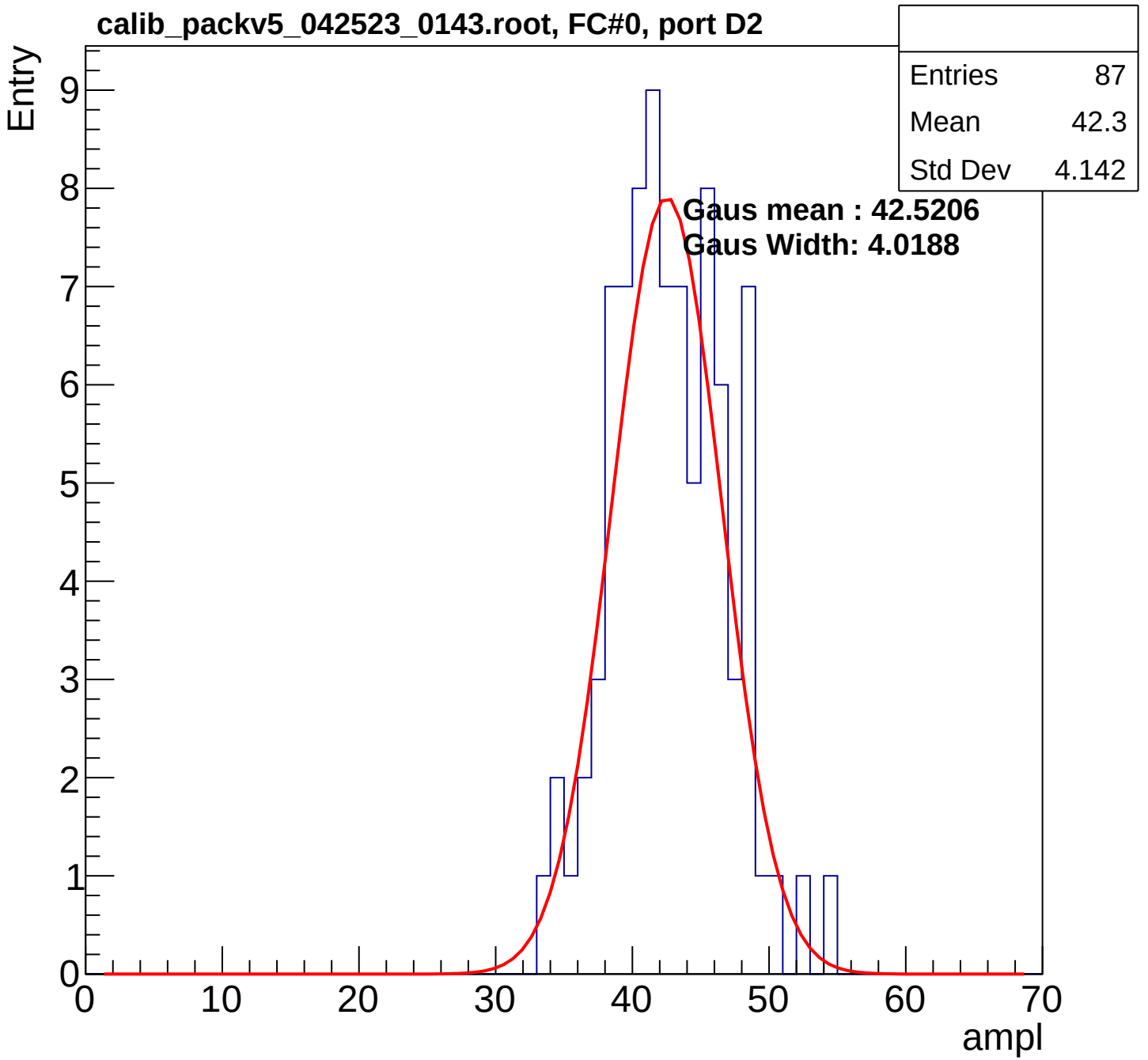

B1L101S, U19-ch125, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 32
Mean 58.44
Std Dev 10.67
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

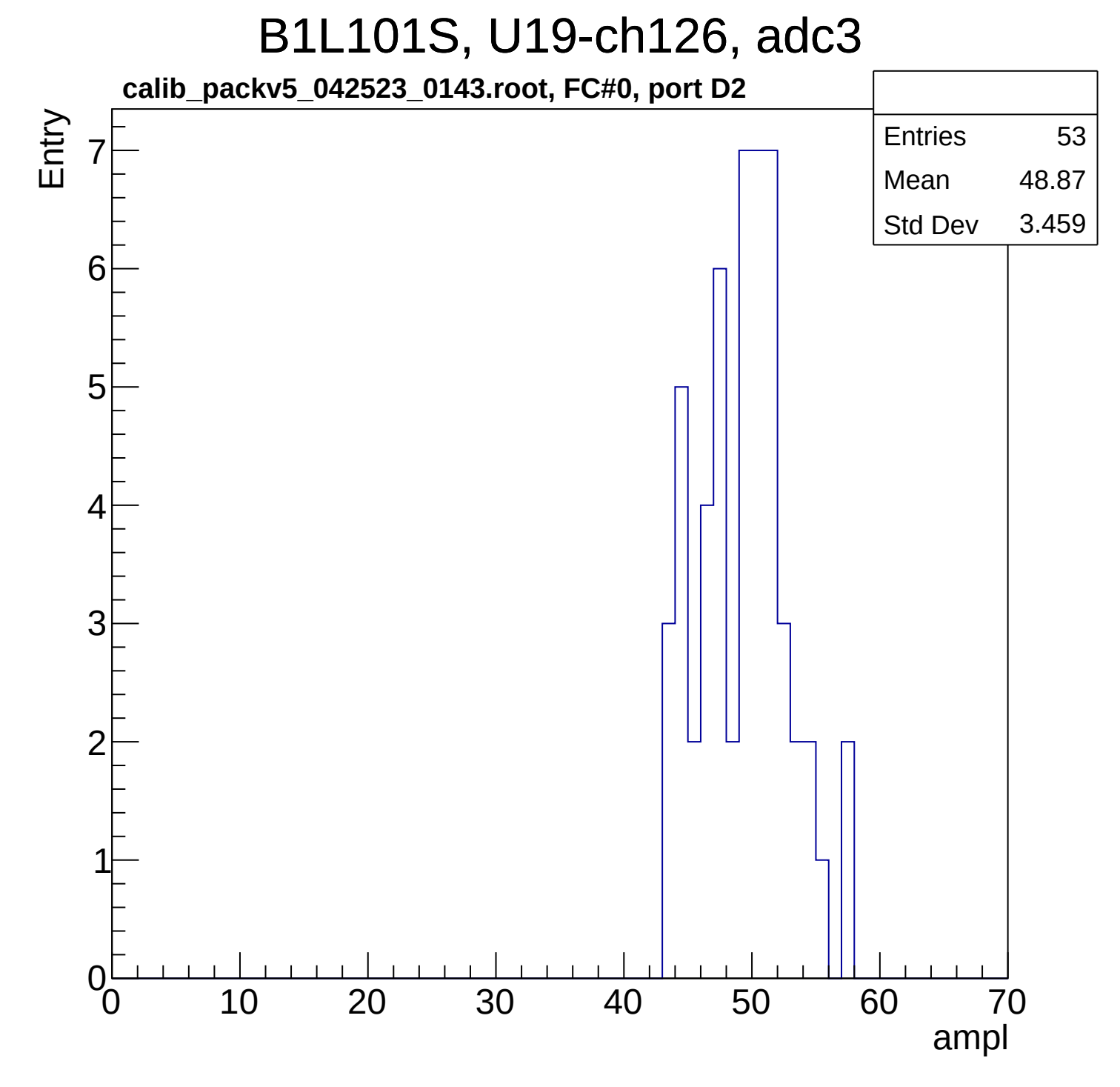

B1L101S, U19-ch125, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch125, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 12
Std Dev 12
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U19-ch126, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 27.7
Std Dev 7.918
Gaus mean : 28.8769
Gaus Width: 5.3452
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U19-ch126, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 34.33
Std Dev 3.781
Gaus mean : 34.5713
Gaus Width: 4.1651
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch126, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 87
Mean 42.3
Std Dev 4.142
Gaus mean : 42.5206
Gaus Width: 4.0188
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch126, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 48.87
Std Dev 3.459
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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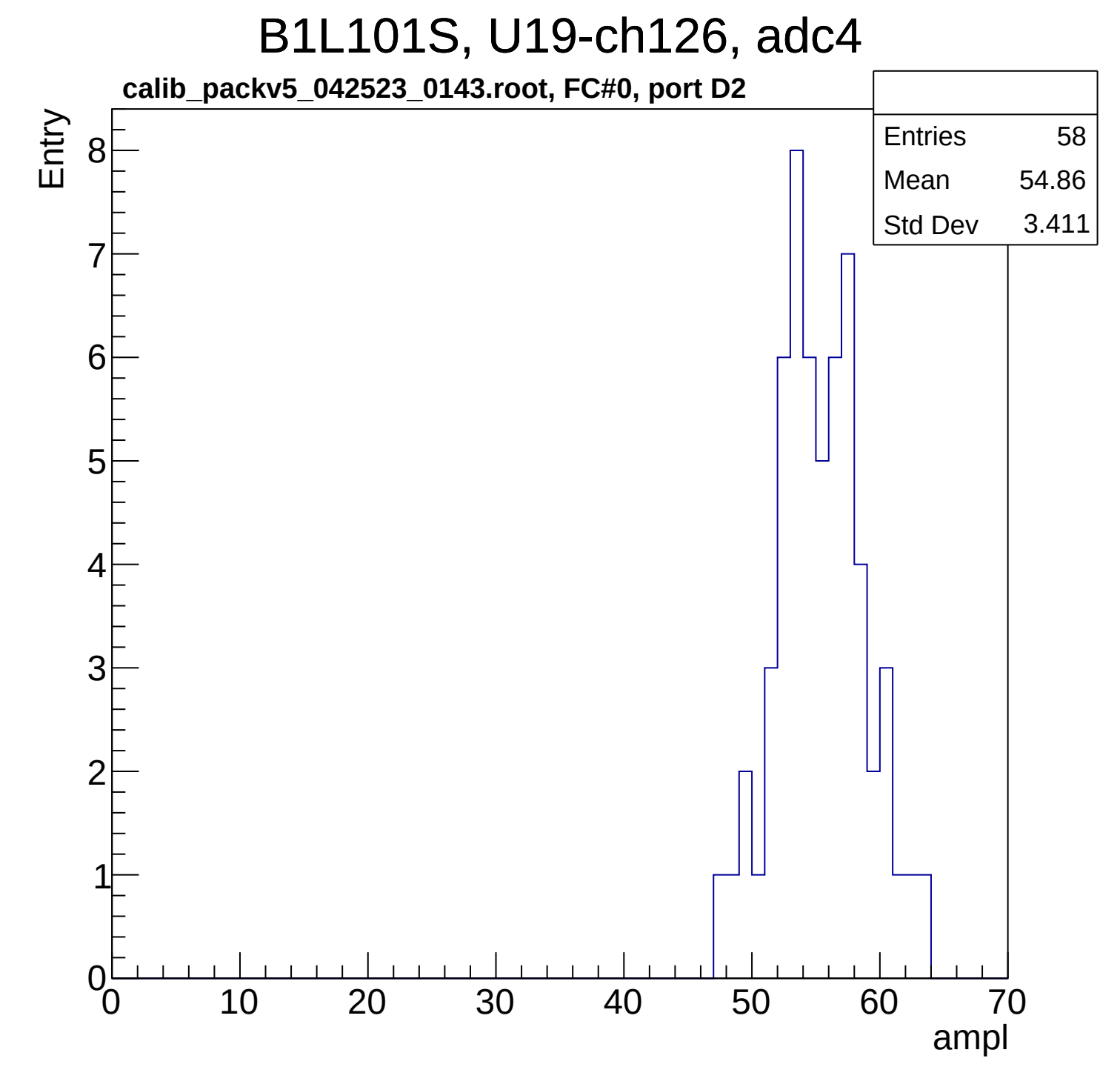
B1L101S, U19-ch126, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 54.86
Std Dev 3.411
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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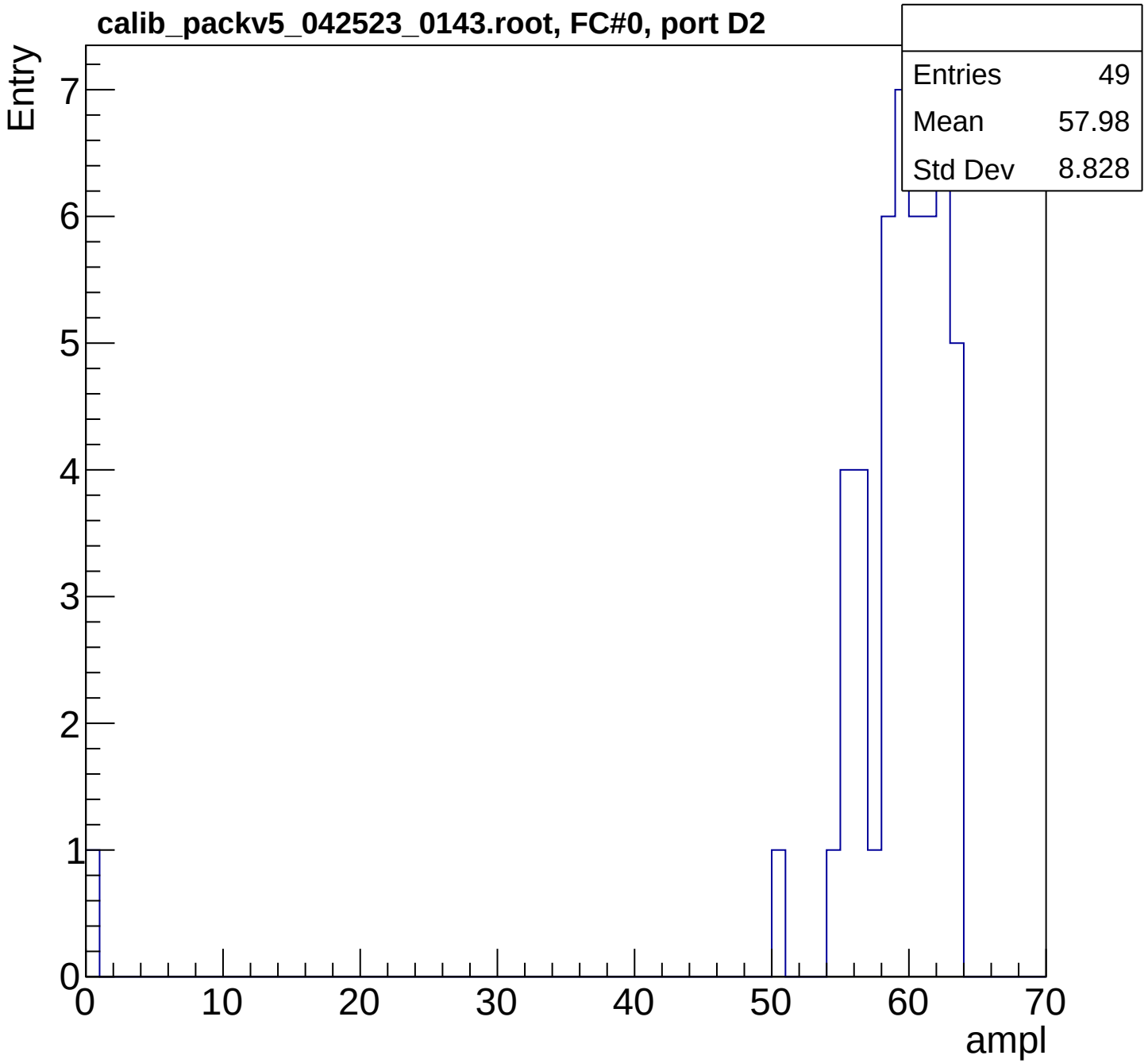
B1L101S, U19-ch126, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 57.98
Std Dev 8.828
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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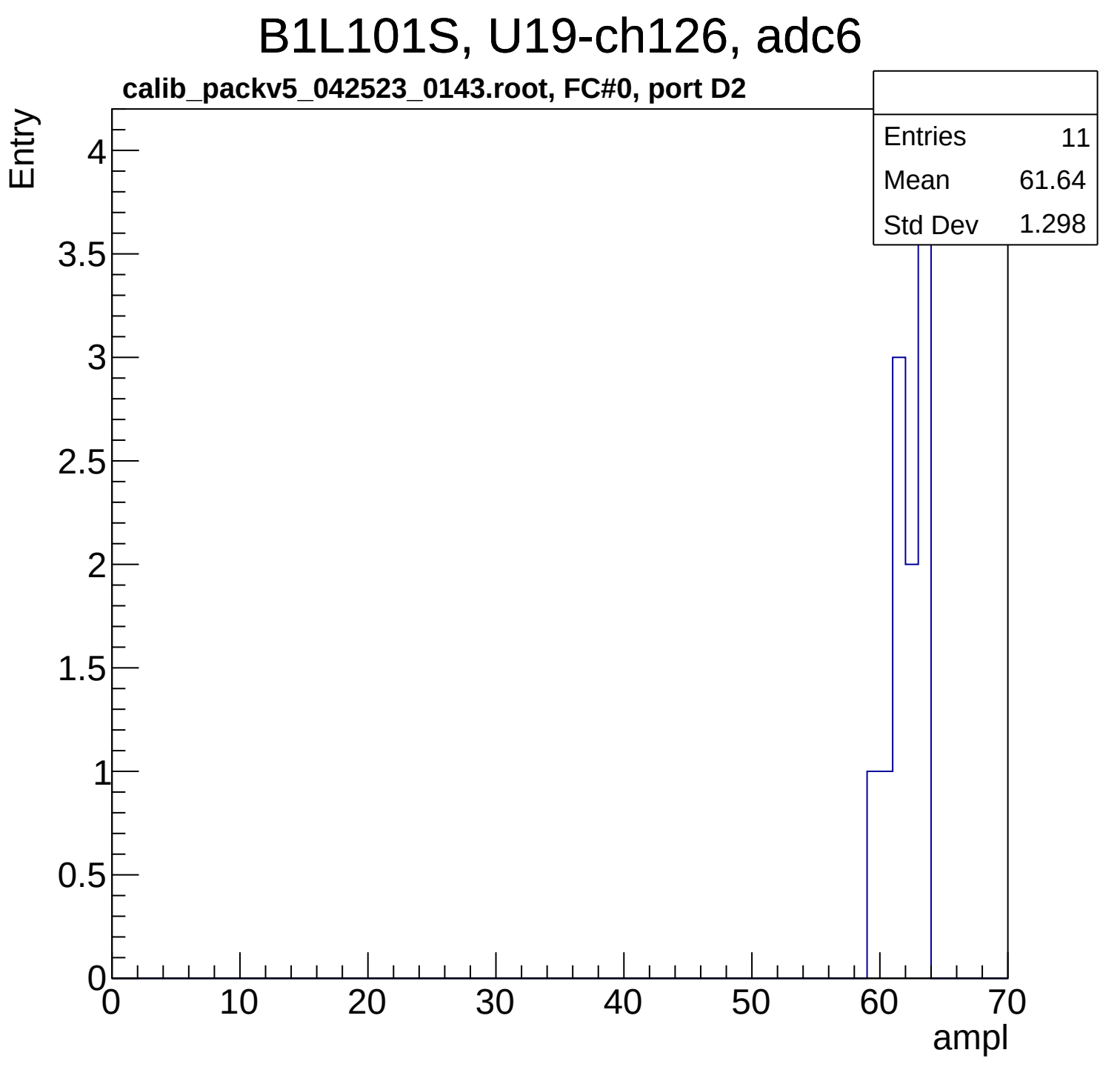
B1L101S, U19-ch126, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 61.64
Std Dev 1.298
Entry
ampl
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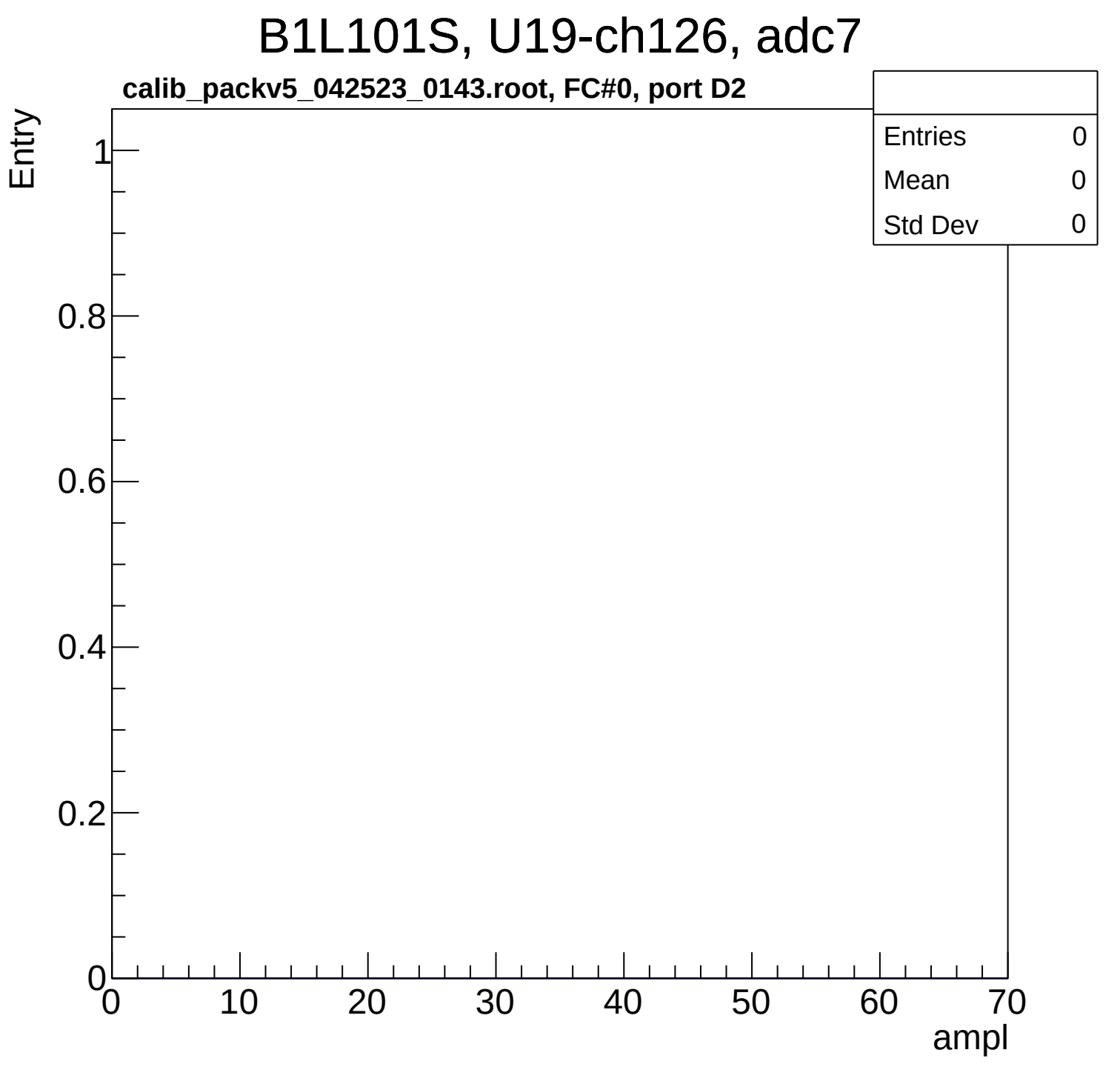
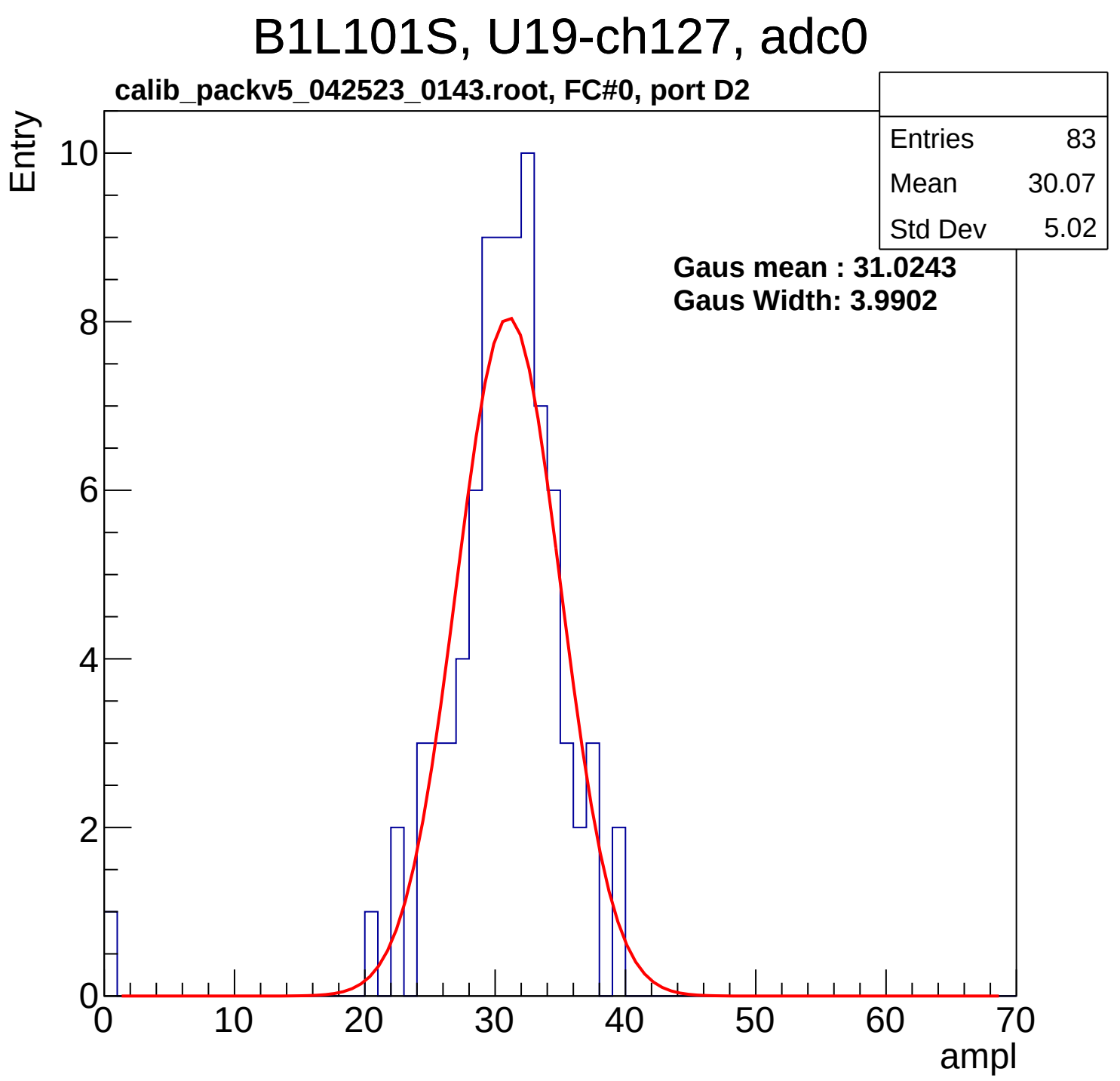
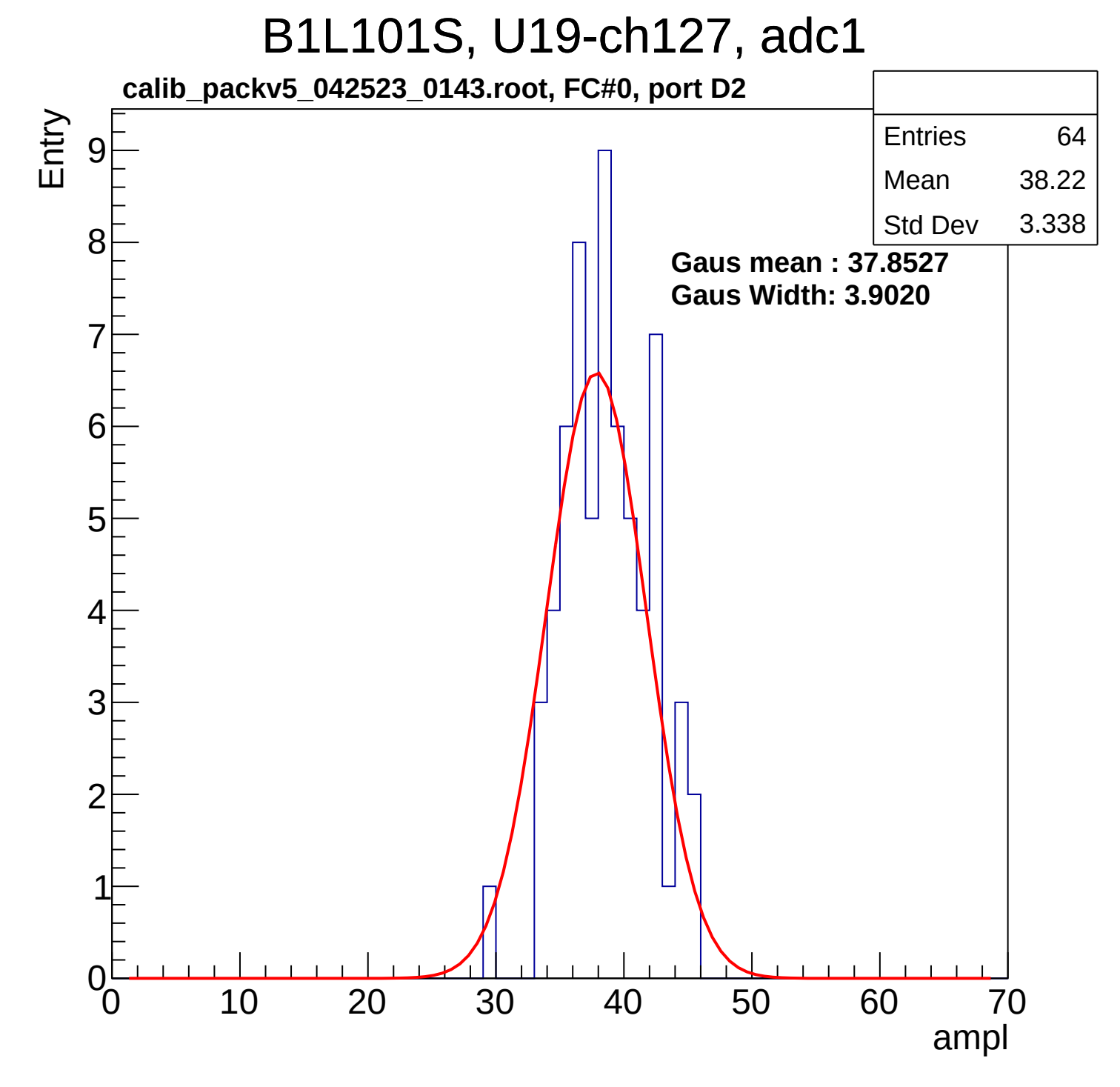
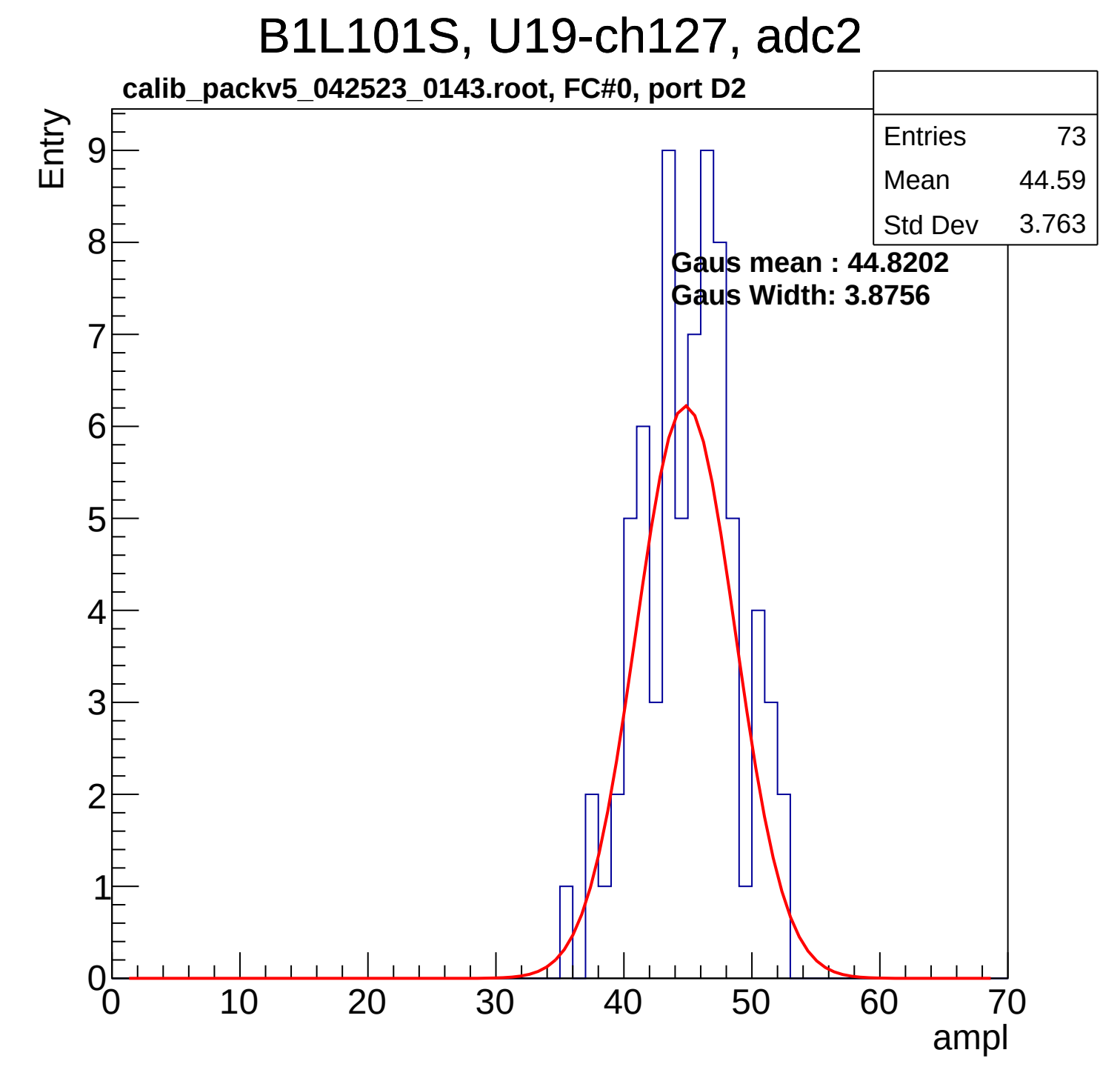
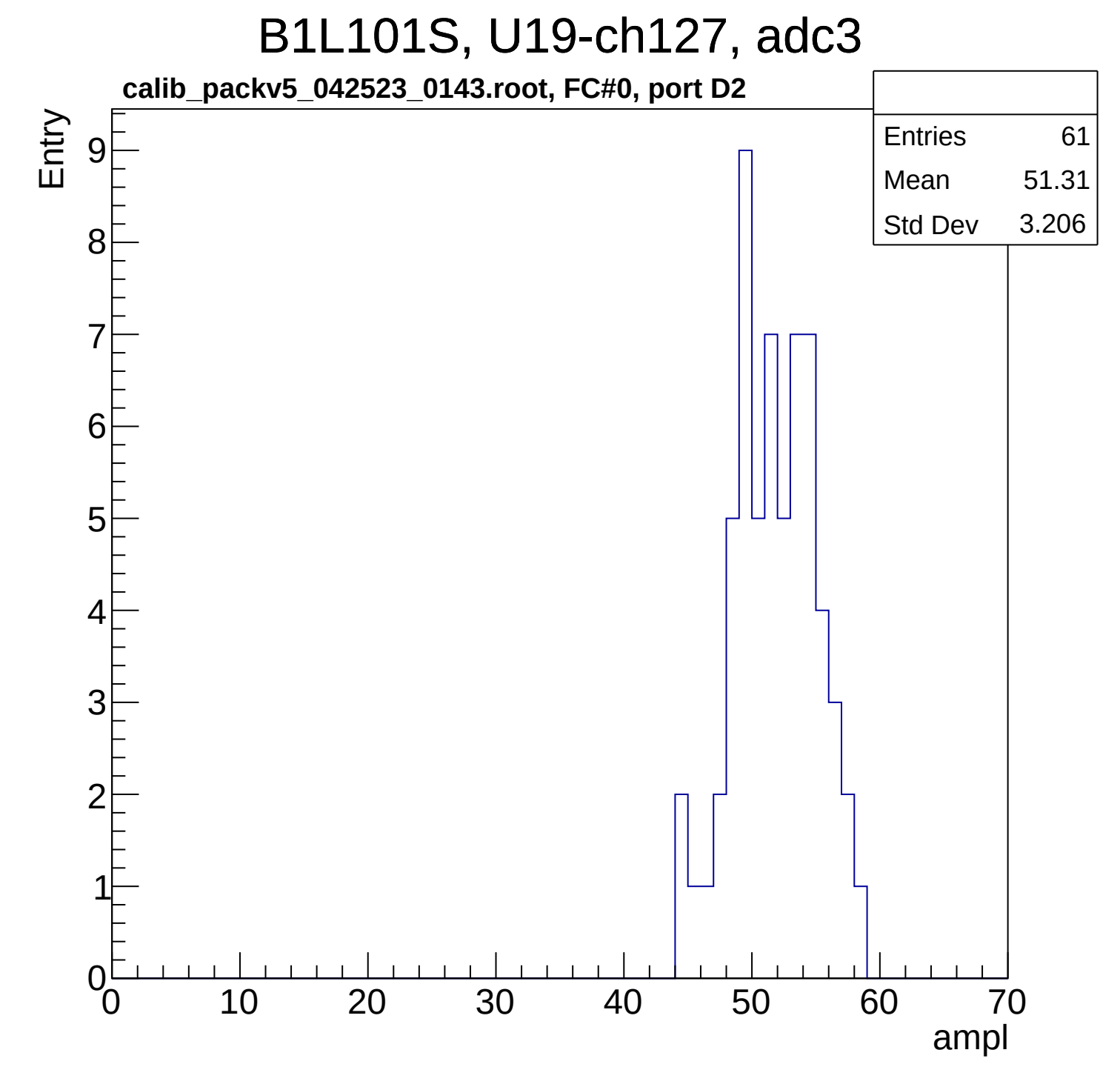
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

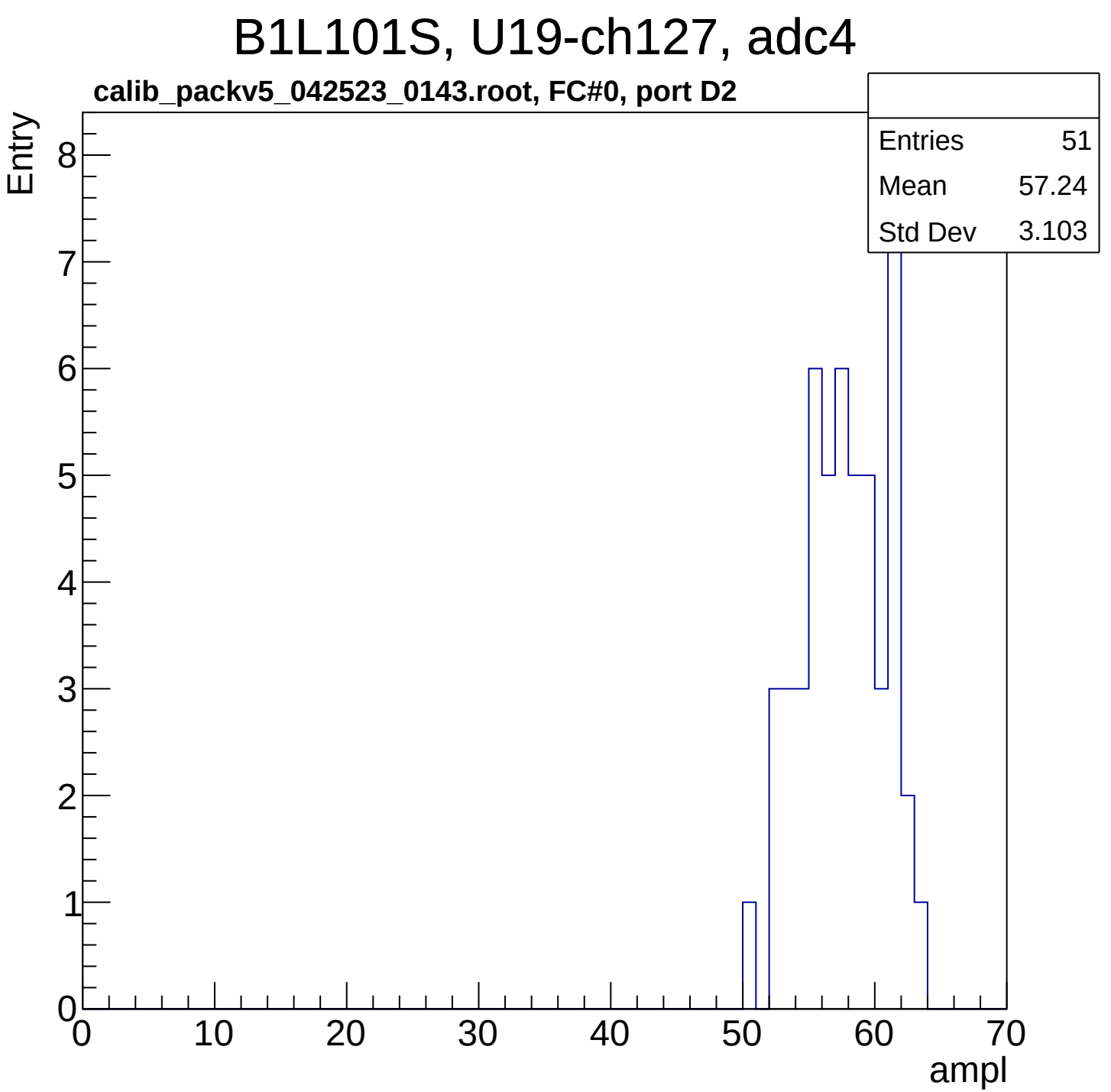

B1L101S, U19-ch126, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

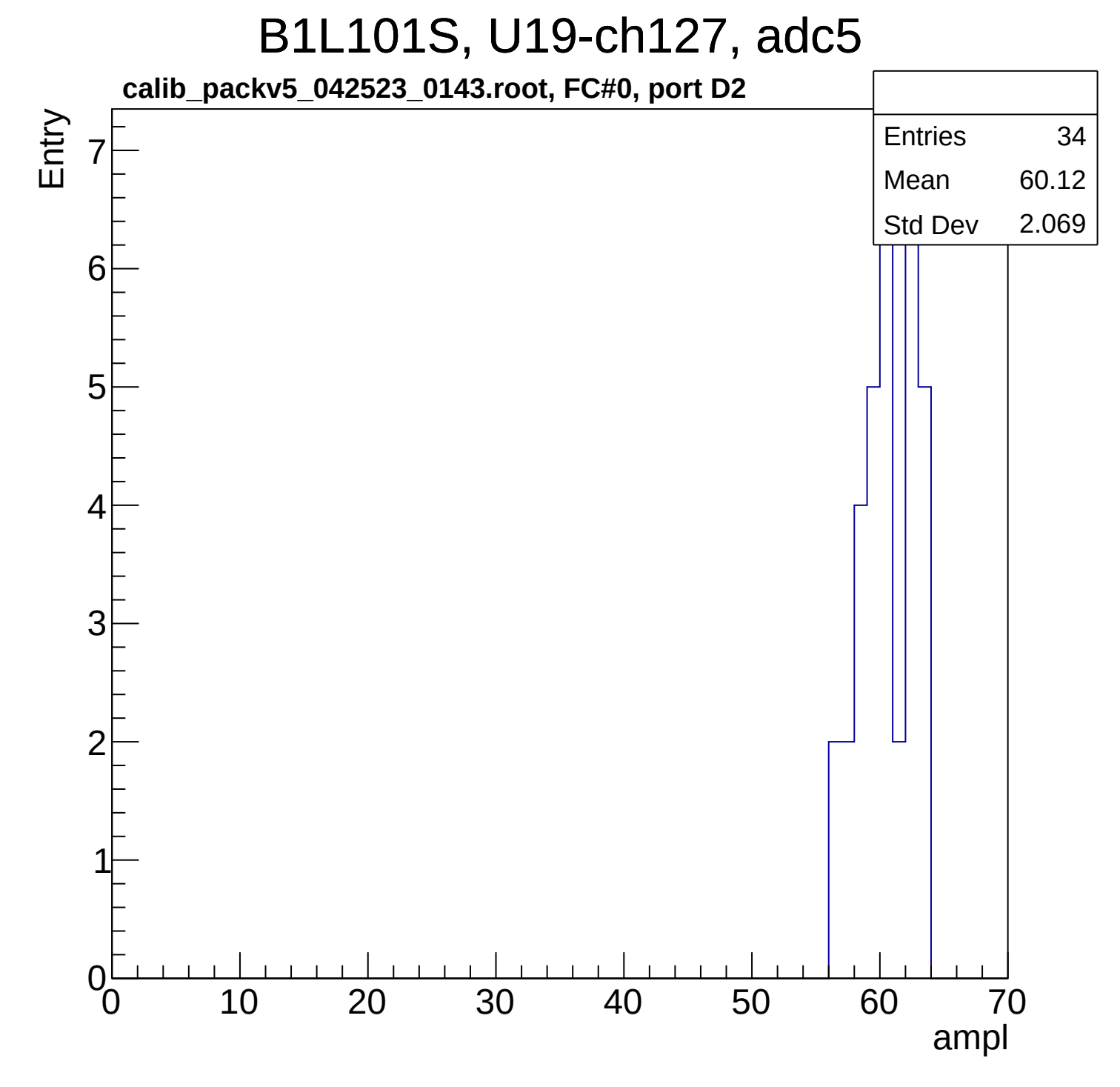

B1L101S, U19-ch127, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 30.07
Std Dev 5.02
Gaus mean : 31.0243
Gaus Width: 3.9902
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

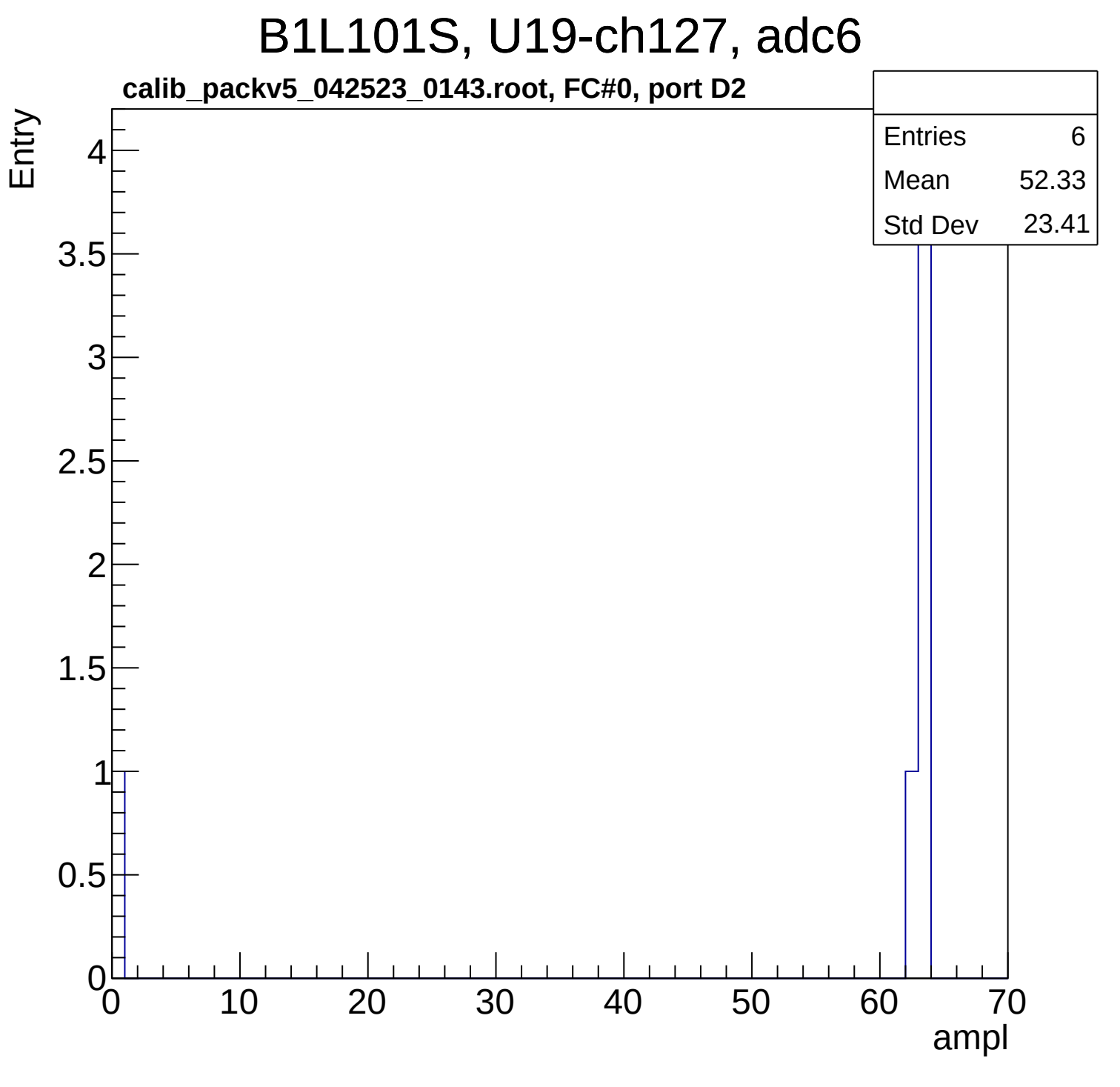

B1L101S, U19-ch127, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 38.22
Std Dev 3.338
Gaus mean : 37.8527
Gaus Width: 3.9020
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

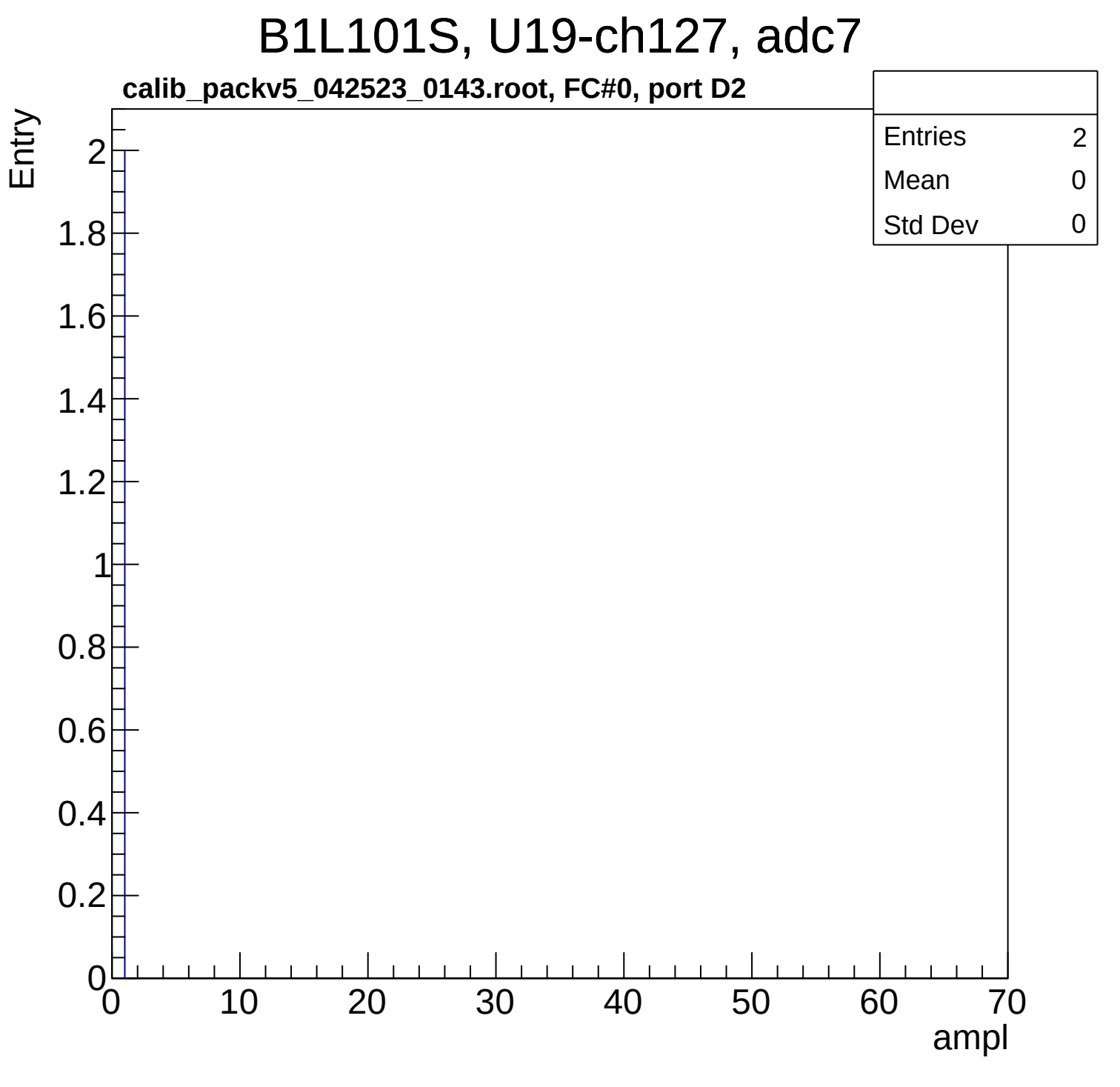

B1L101S, U19-ch127, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 44.59
Std Dev 3.763
Gaus mean : 44.8202
Gaus Width: 3.8756
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

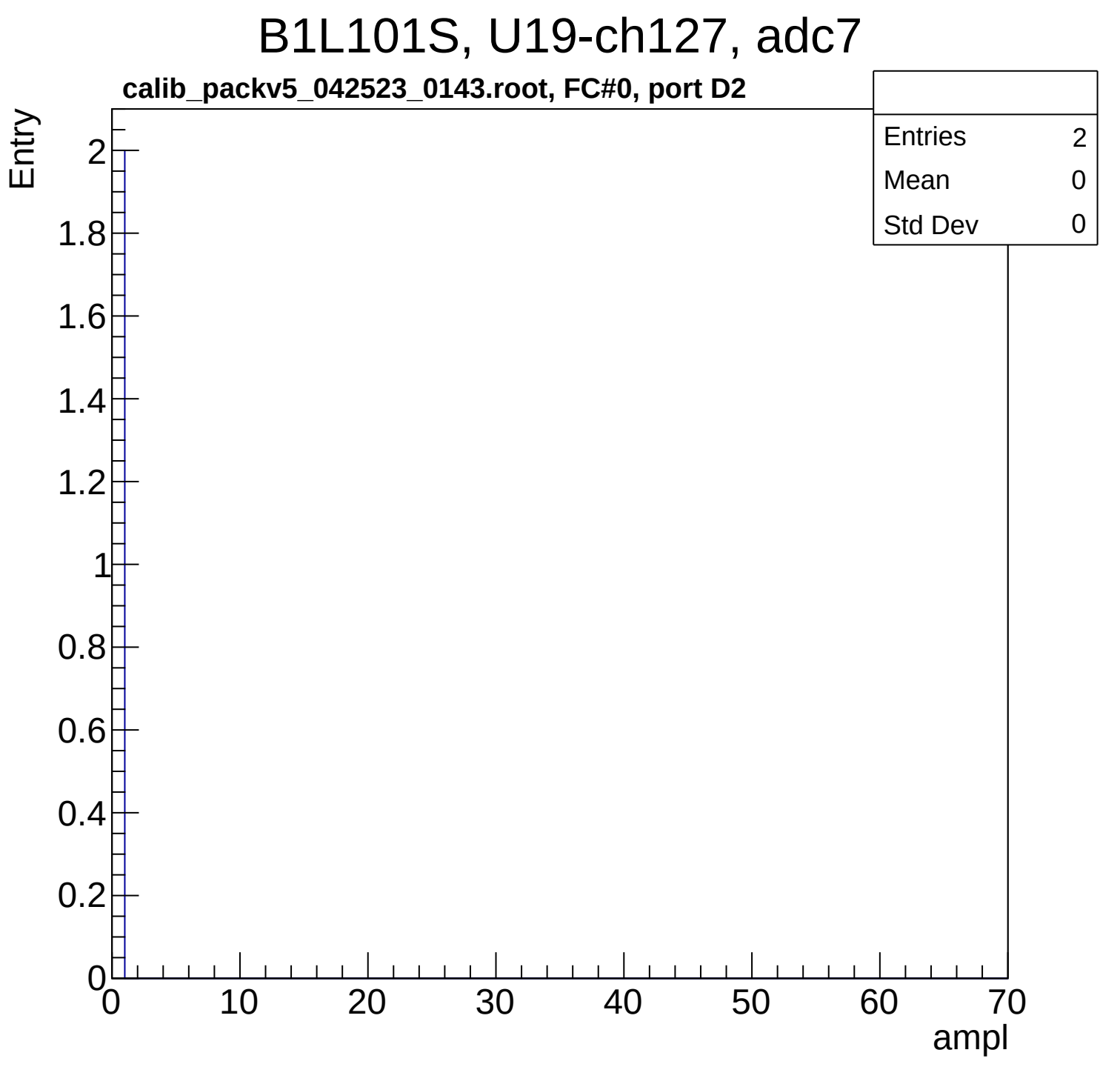

B1L101S, U19-ch127, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 51.31
Std Dev 3.206
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U19-ch127, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 57.24
Std Dev 3.103
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U19-ch127, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 34
Mean 60.12
Std Dev 2.069
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U19-ch127, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 52.33
Std Dev 23.41
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U19-ch127, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U19-ch127, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70