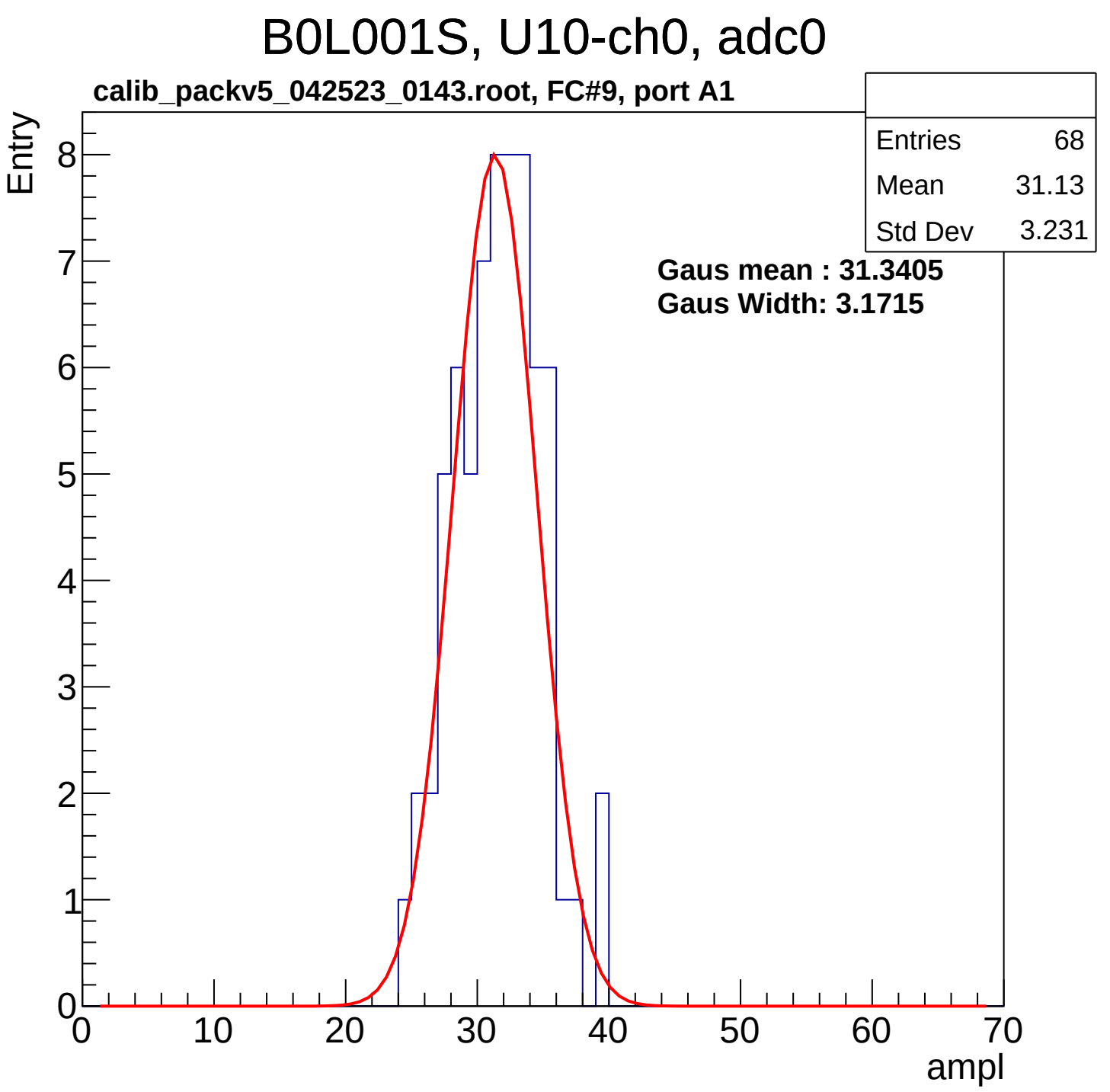
B0L001S, U10-ch0, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 31.13
Std Dev 3.231
Gaus mean : 31.3405
Gaus Width: 3.1715
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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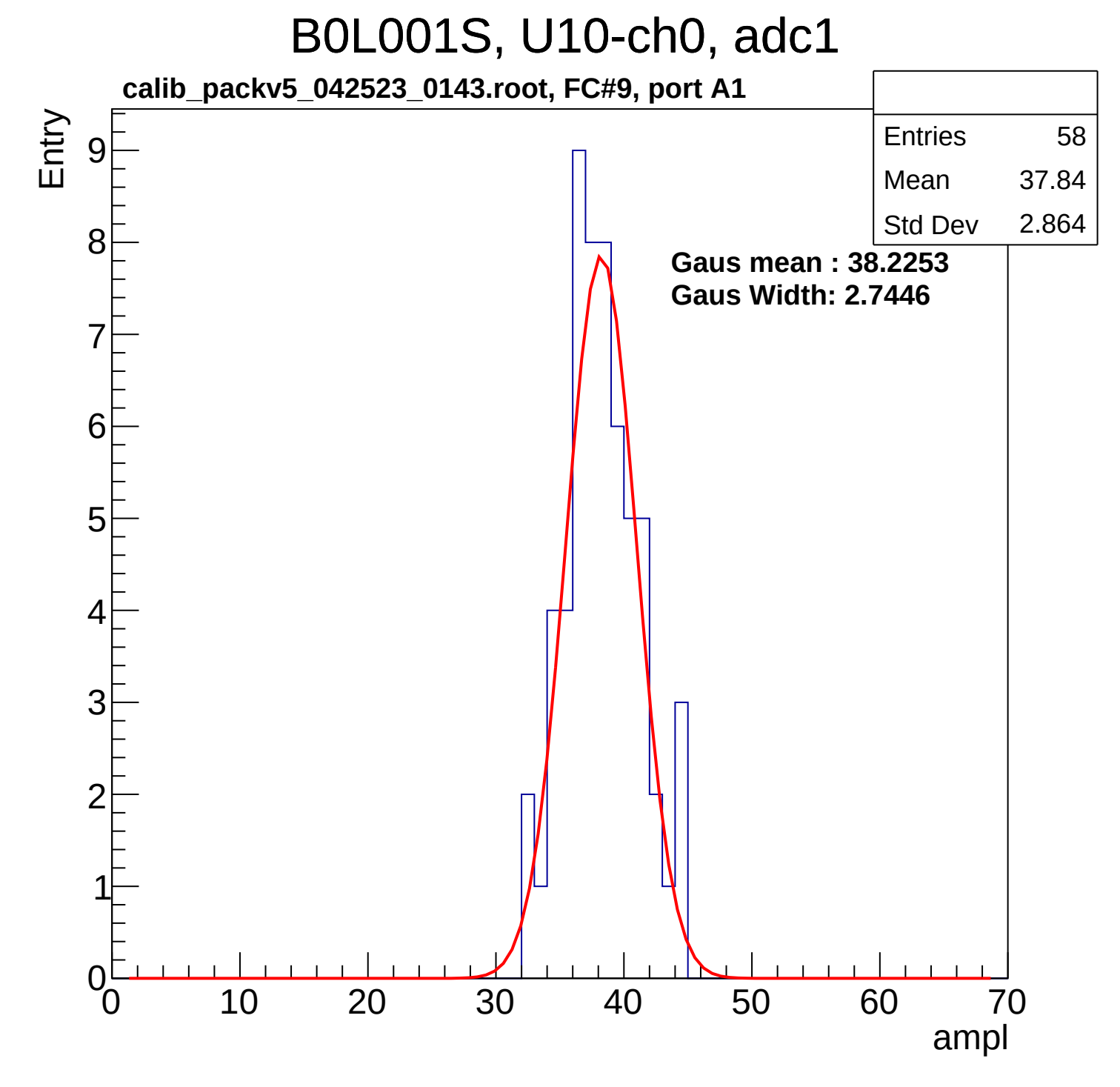
B0L001S, U10-ch0, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 37.84
Std Dev 2.864
Gaus mean : 38.2253
Gaus Width: 2.7446
Entry
ampl
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2
3
4
5
6
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0
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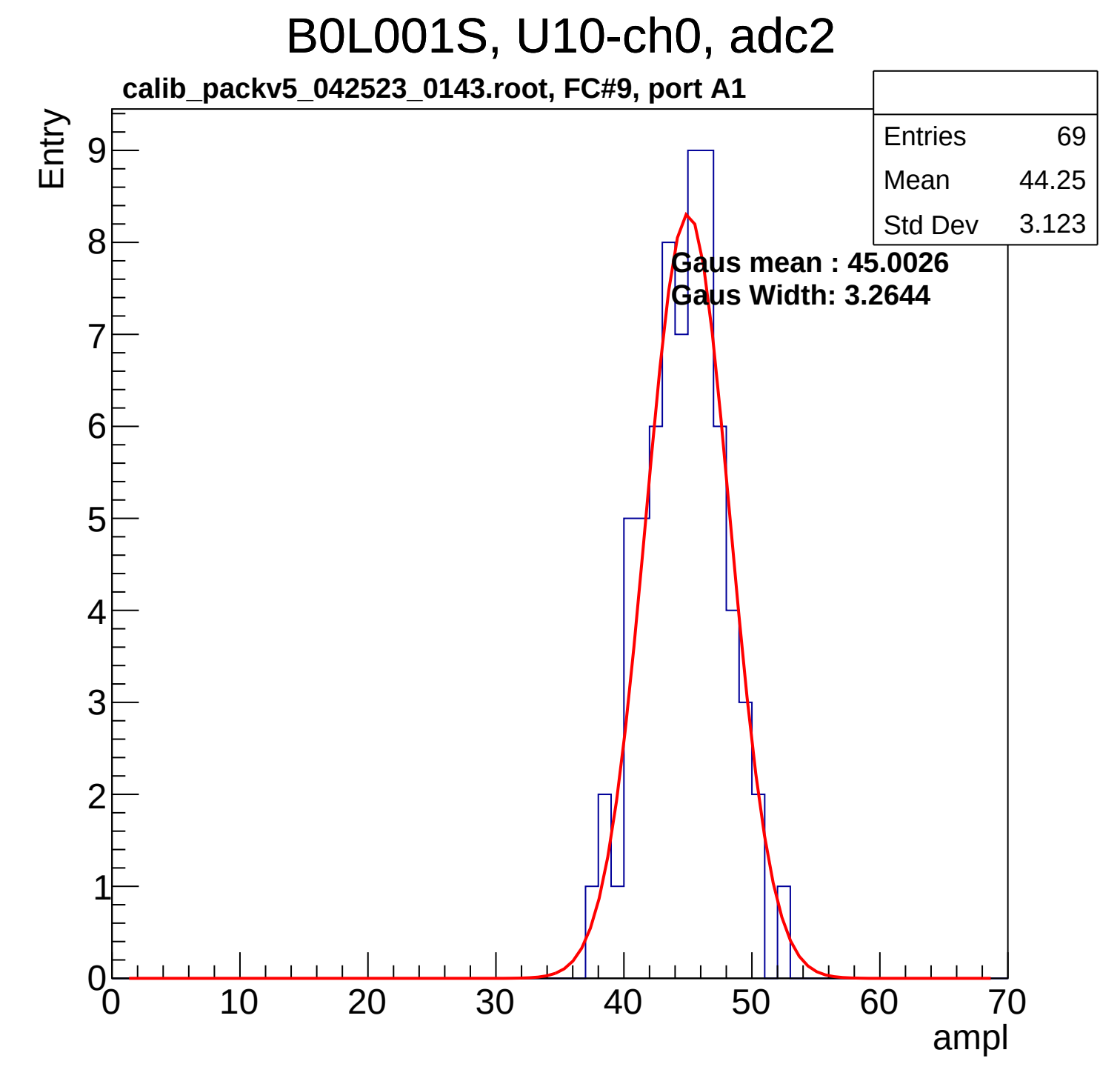
B0L001S, U10-ch0, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.25
Std Dev 3.123
Gaus mean : 45.0026
Gaus Width: 3.2644
Entry
ampl
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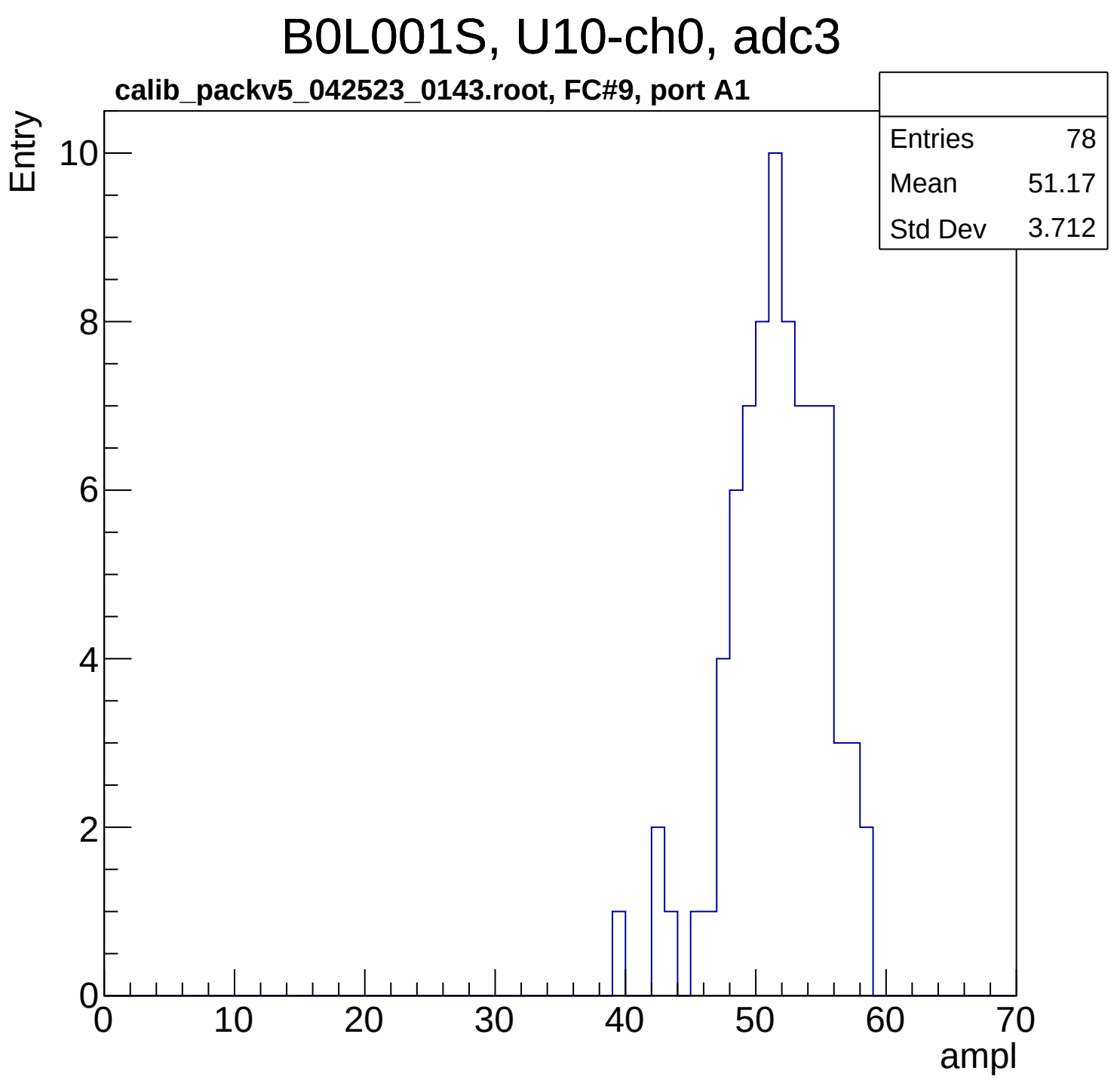
B0L001S, U10-ch0, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 51.17
Std Dev 3.712
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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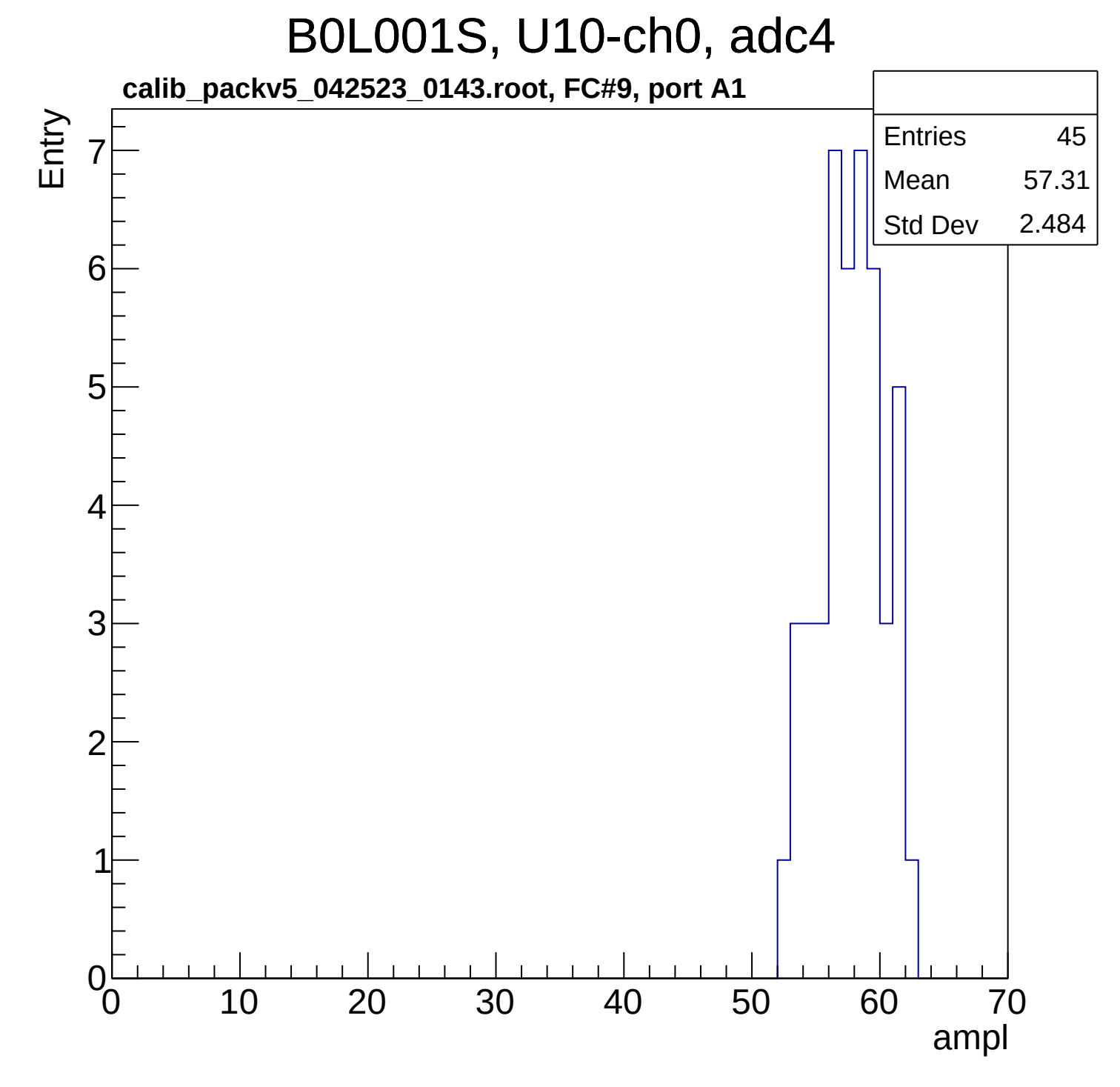
B0L001S, U10-ch0, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 57.31
Std Dev 2.484
Entry
ampl
0
1
2
3
4
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0
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60
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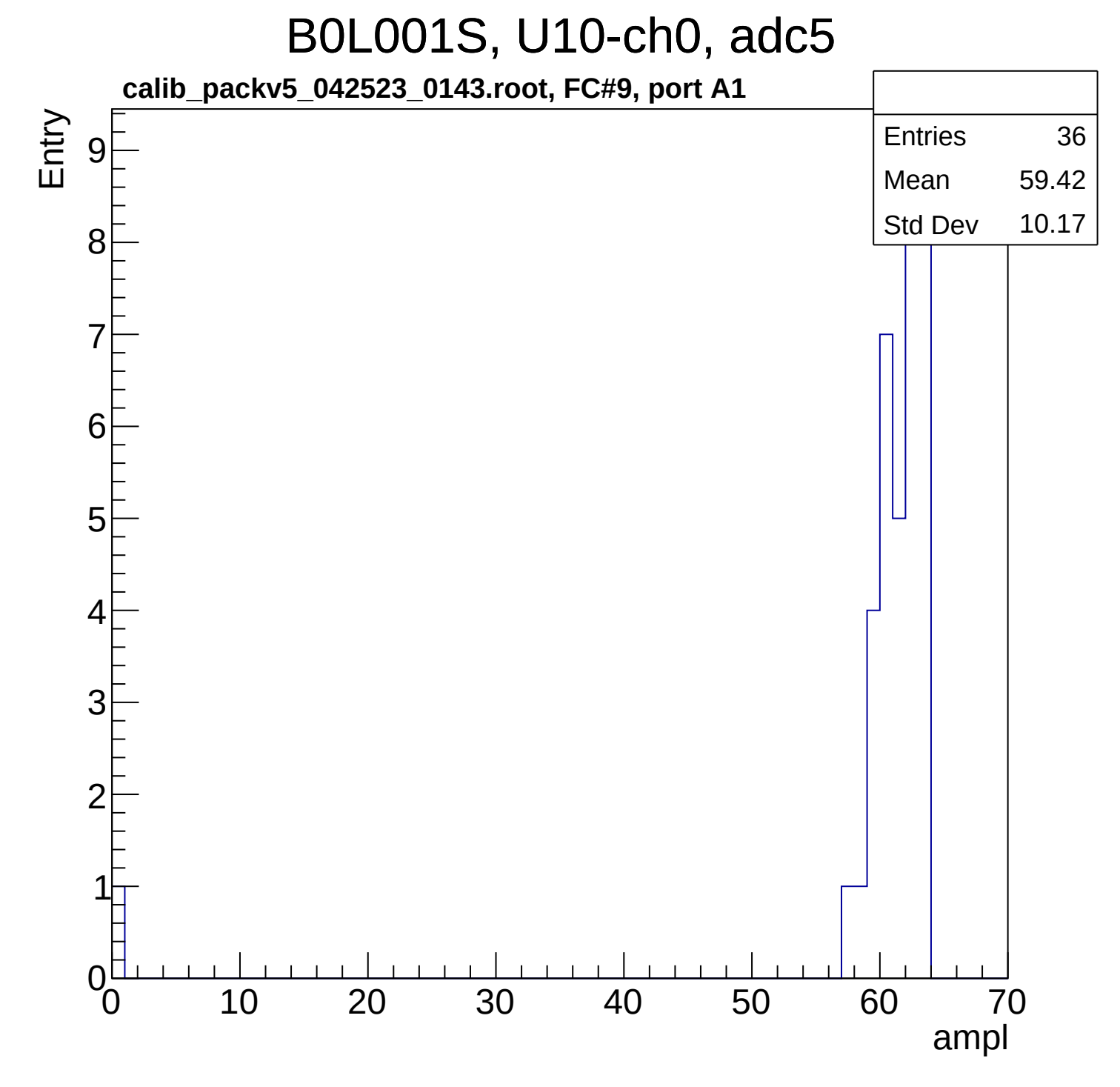
B0L001S, U10-ch0, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 59.42
Std Dev 10.17
Entry
ampl
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2
3
4
5
6
7
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0
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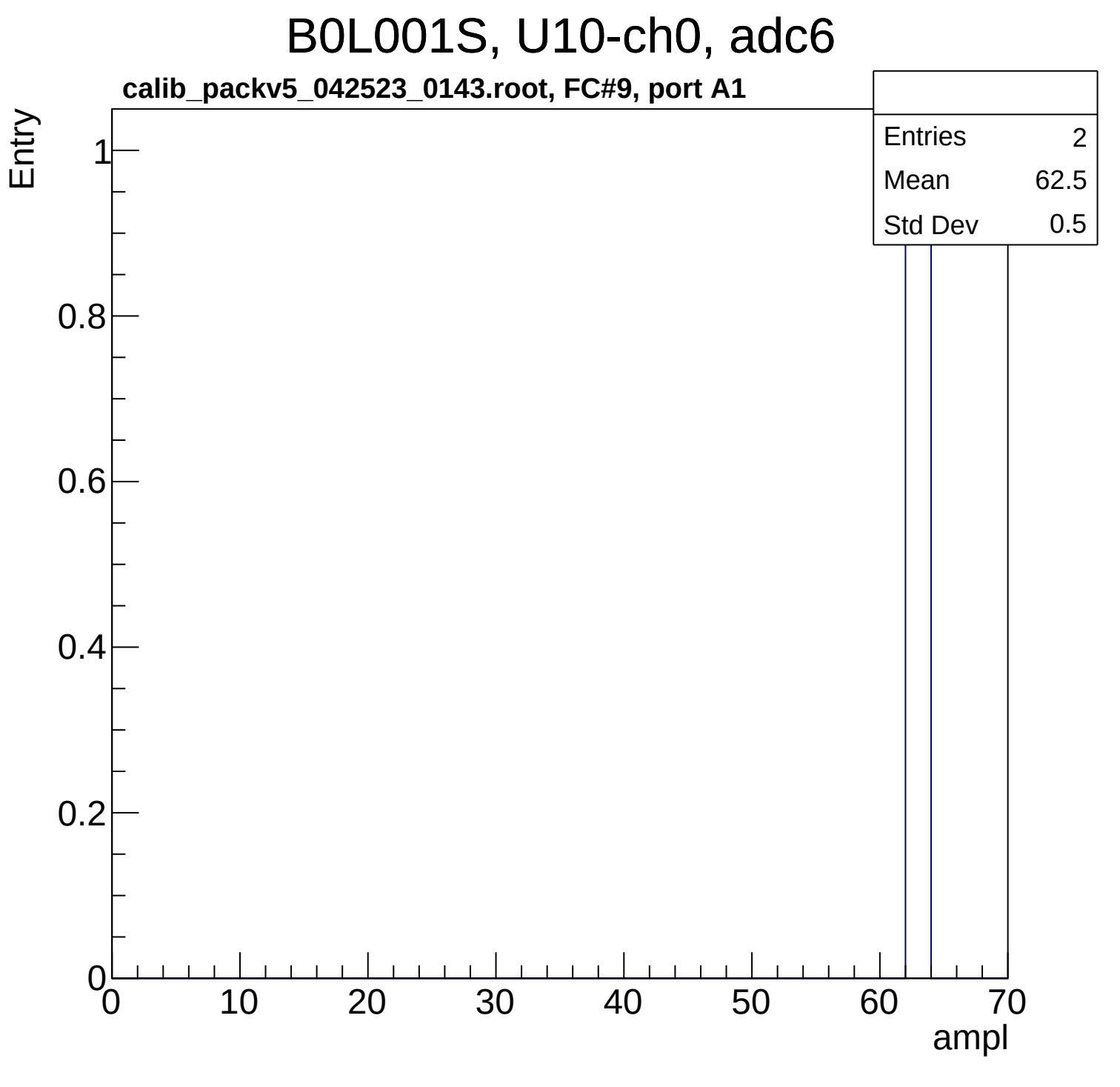
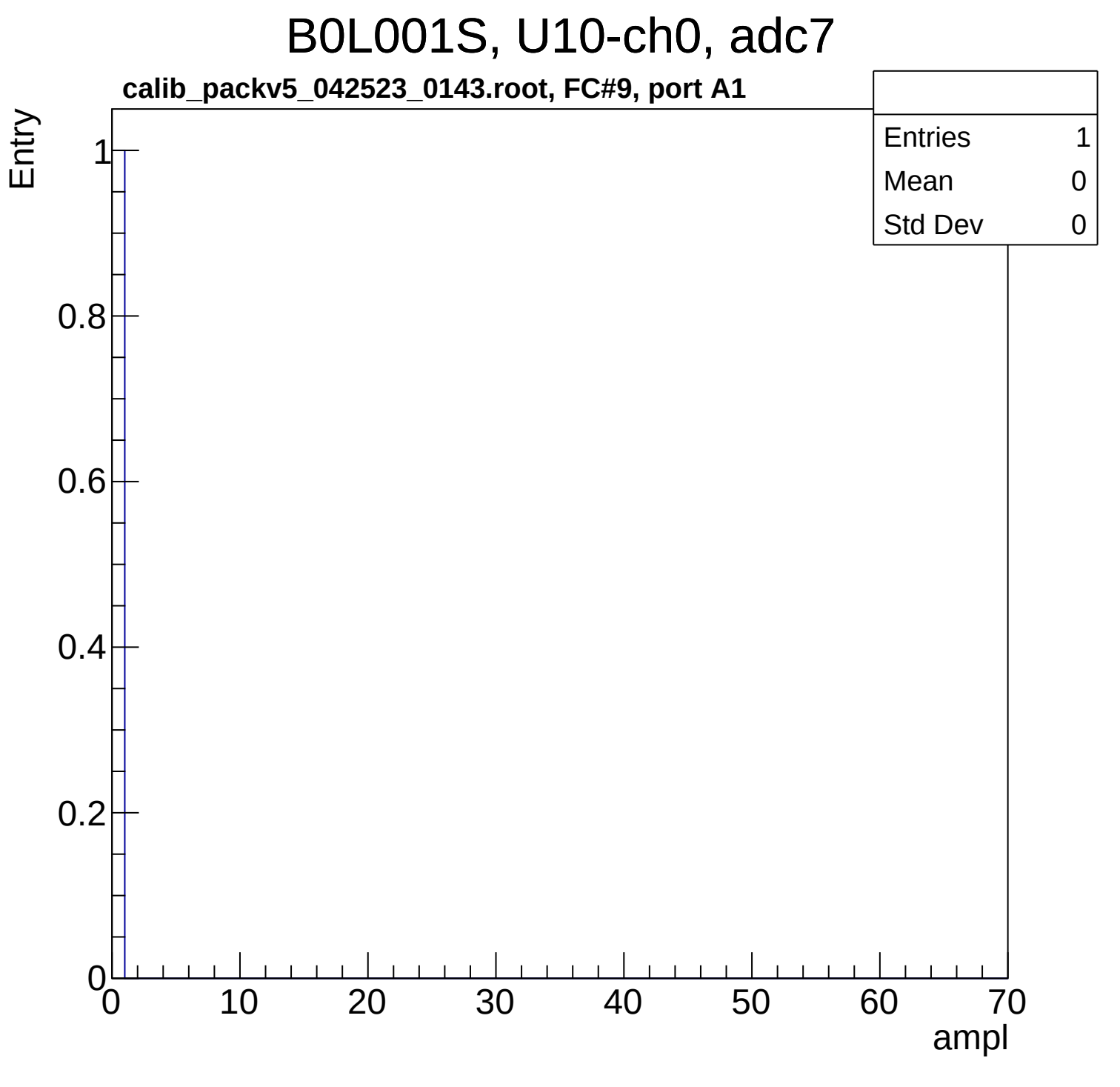
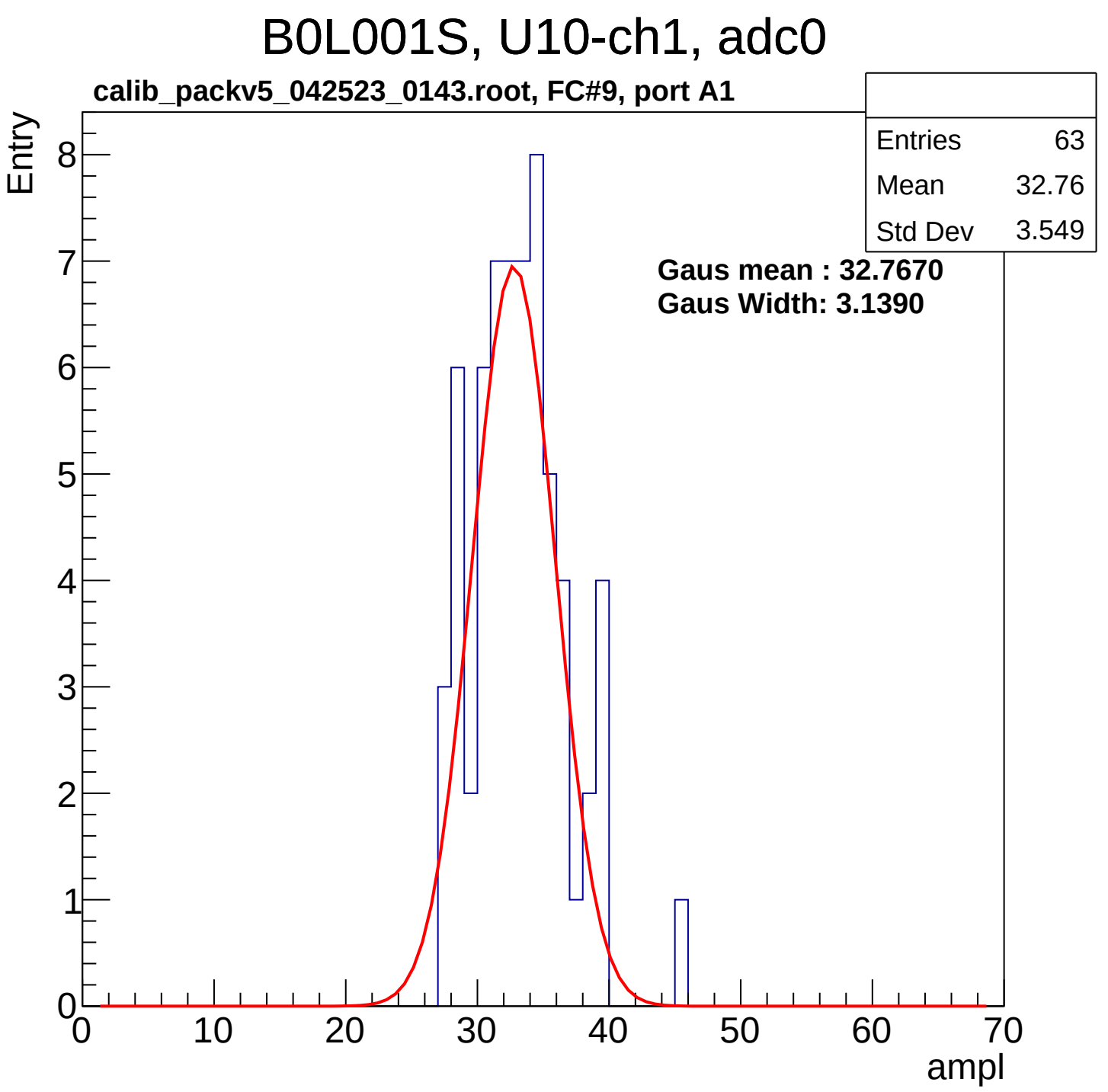
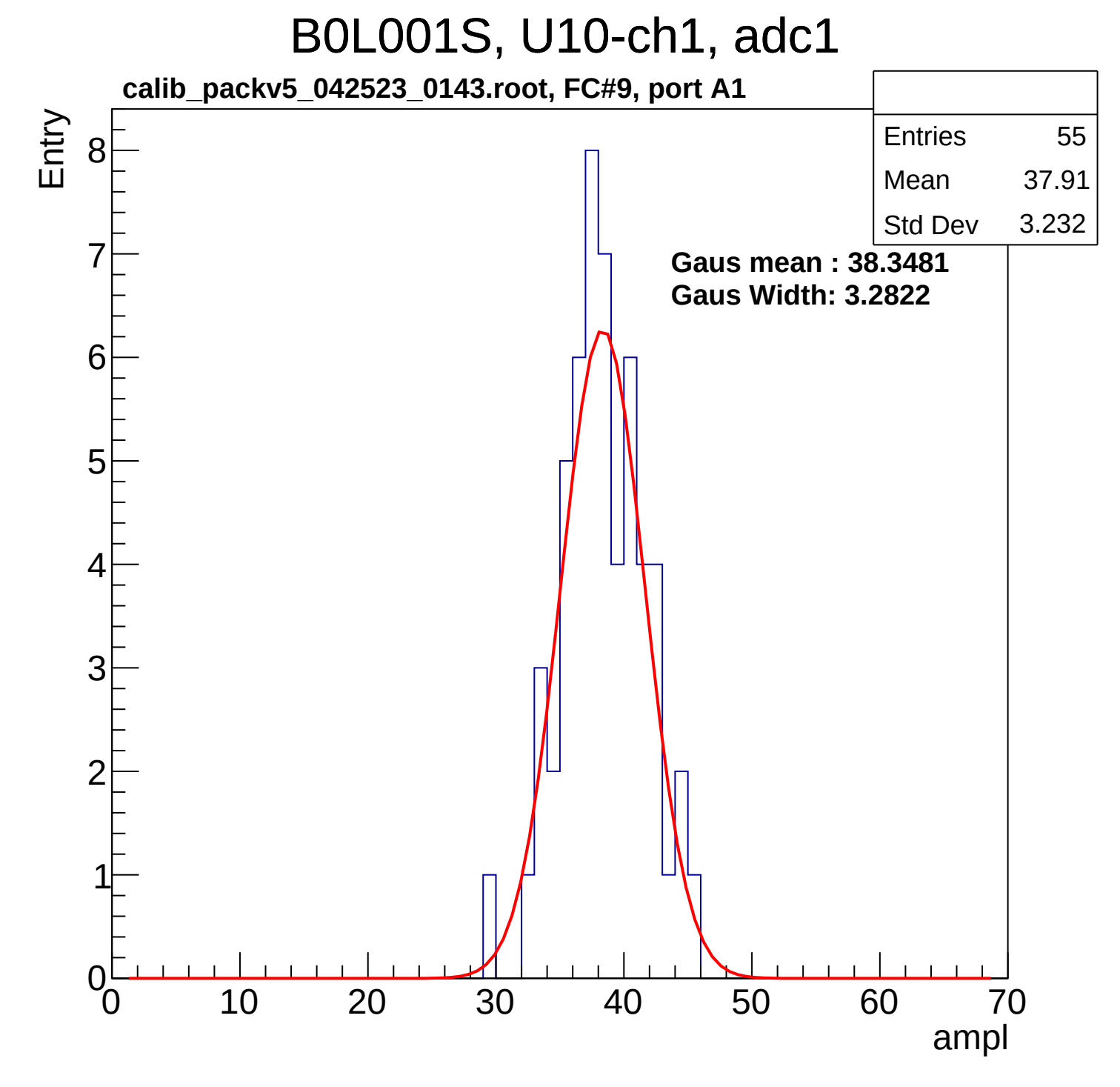

B0L001S, U10-ch0, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch0, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch1, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 32.76
Std Dev 3.549
Gaus mean : 32.7670
Gaus Width: 3.1390
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch1, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 37.91
Std Dev 3.232
Gaus mean : 38.3481
Gaus Width: 3.2822
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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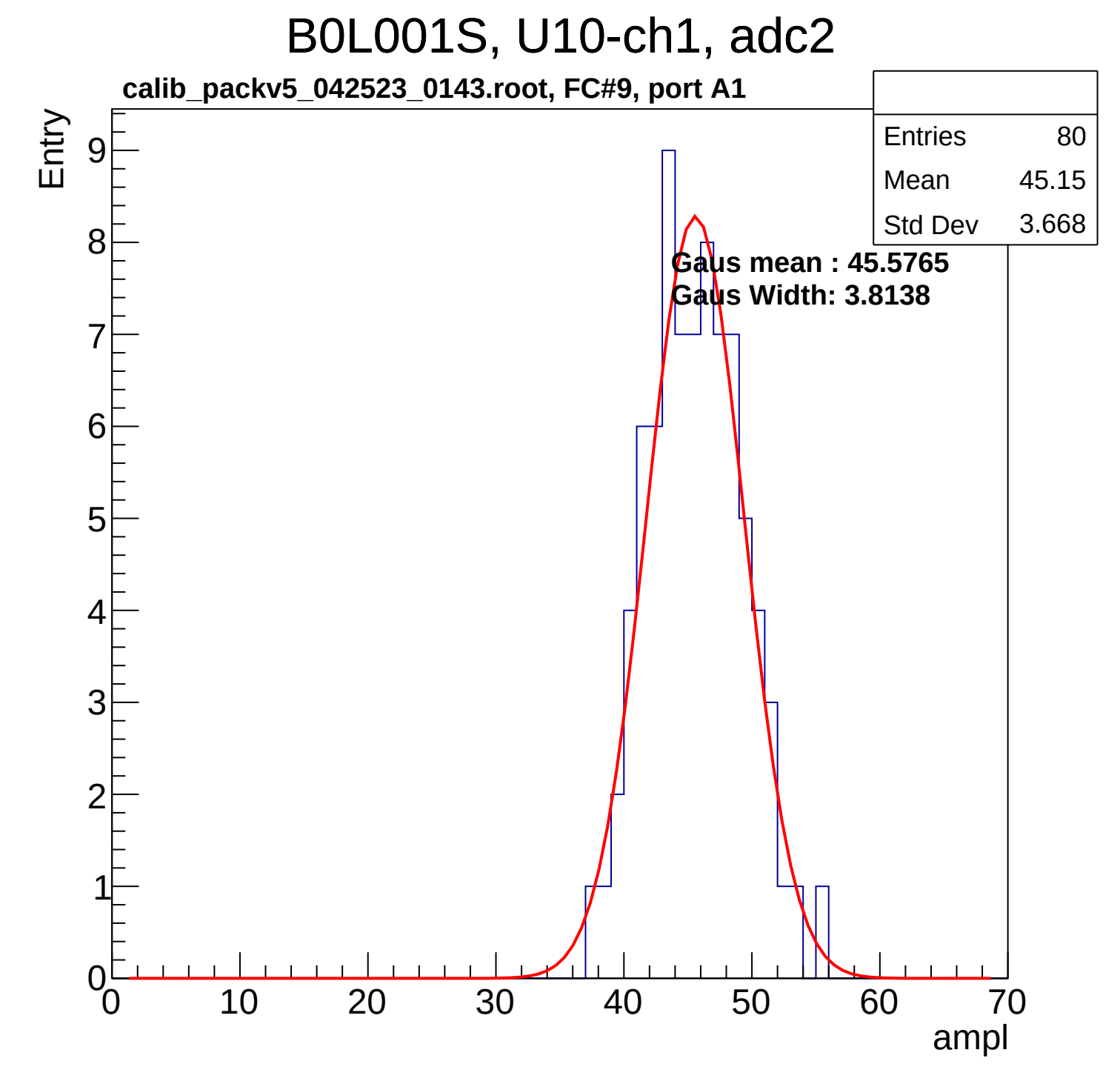
B0L001S, U10-ch1, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 45.15
Std Dev 3.668
Gaus mean : 45.5765
Gaus Width: 3.8138
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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60
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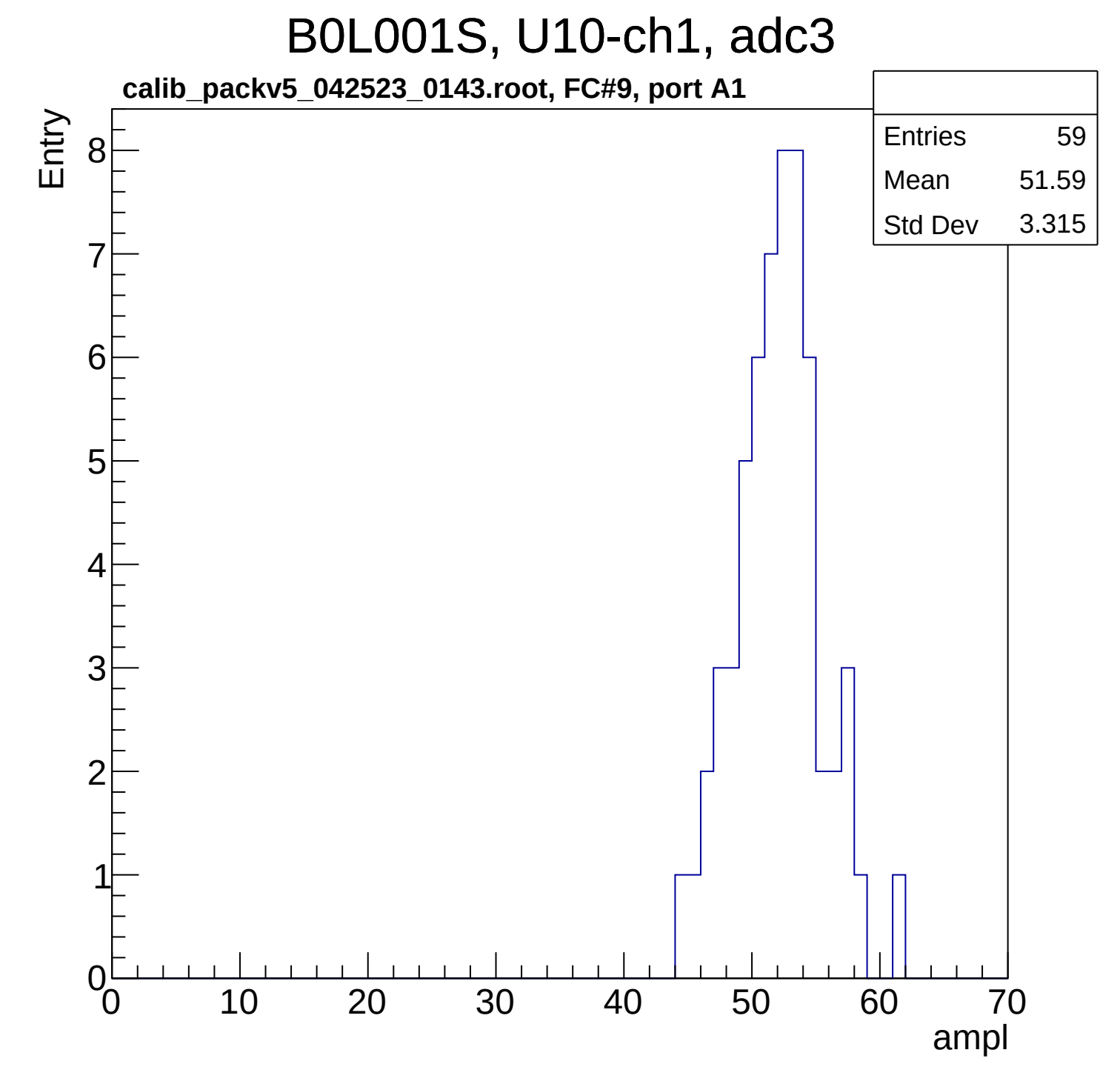
B0L001S, U10-ch1, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 51.59
Std Dev 3.315
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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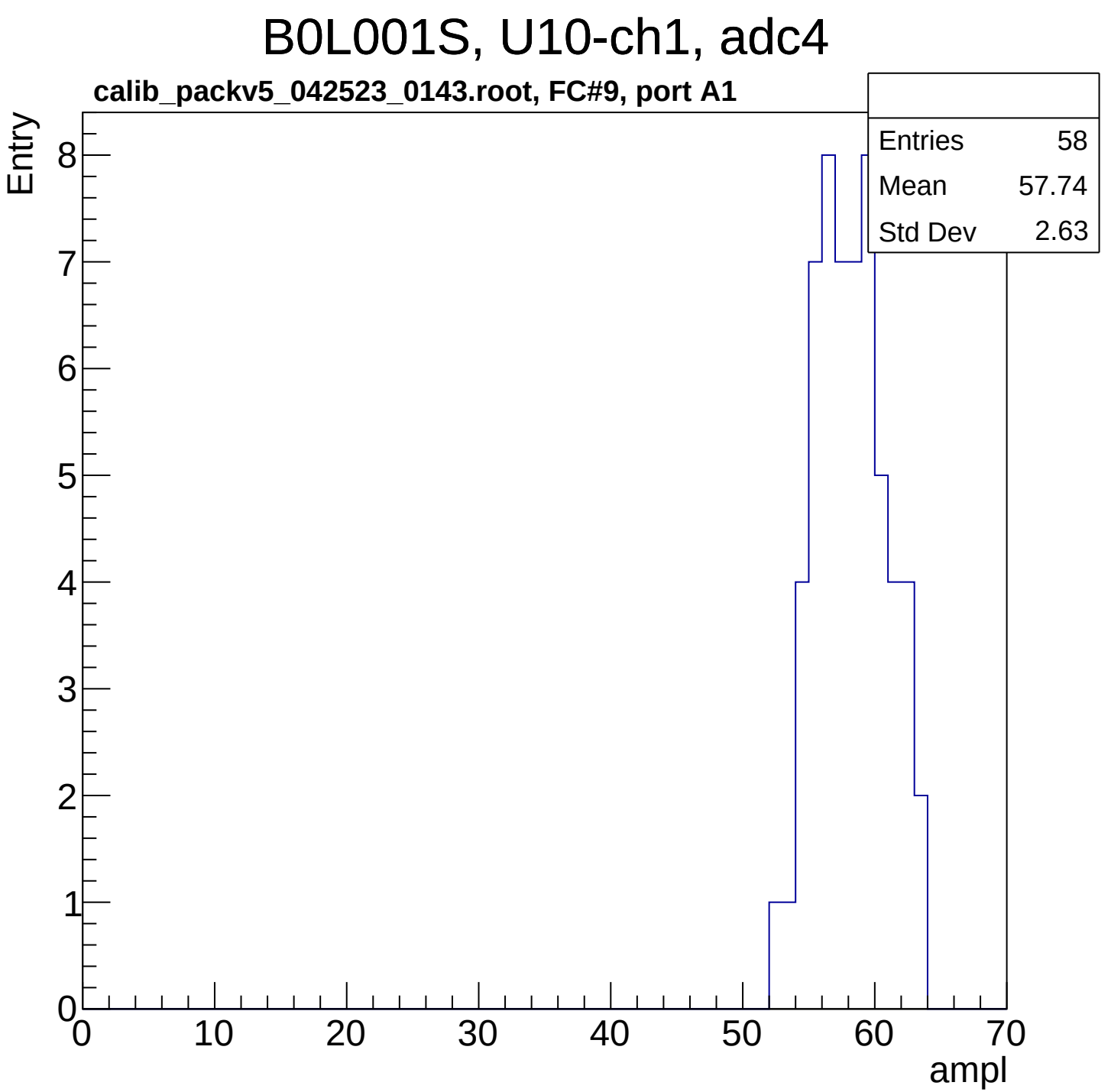
B0L001S, U10-ch1, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 57.74
Std Dev 2.63
Entry
ampl
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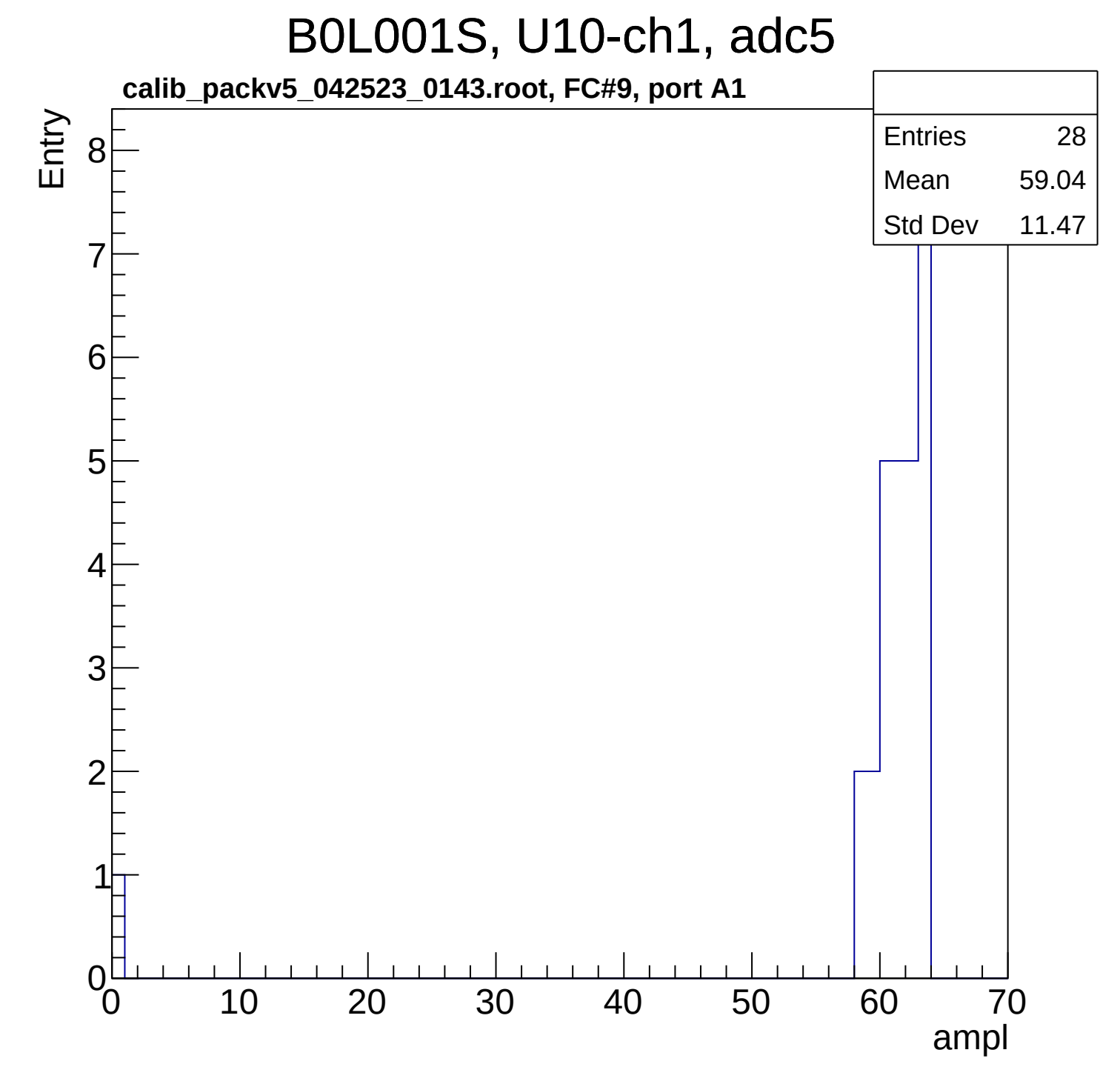
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch1, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 59.04
Std Dev 11.47
Entry
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2
3
4
5
6
7
8
0
10
20
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50
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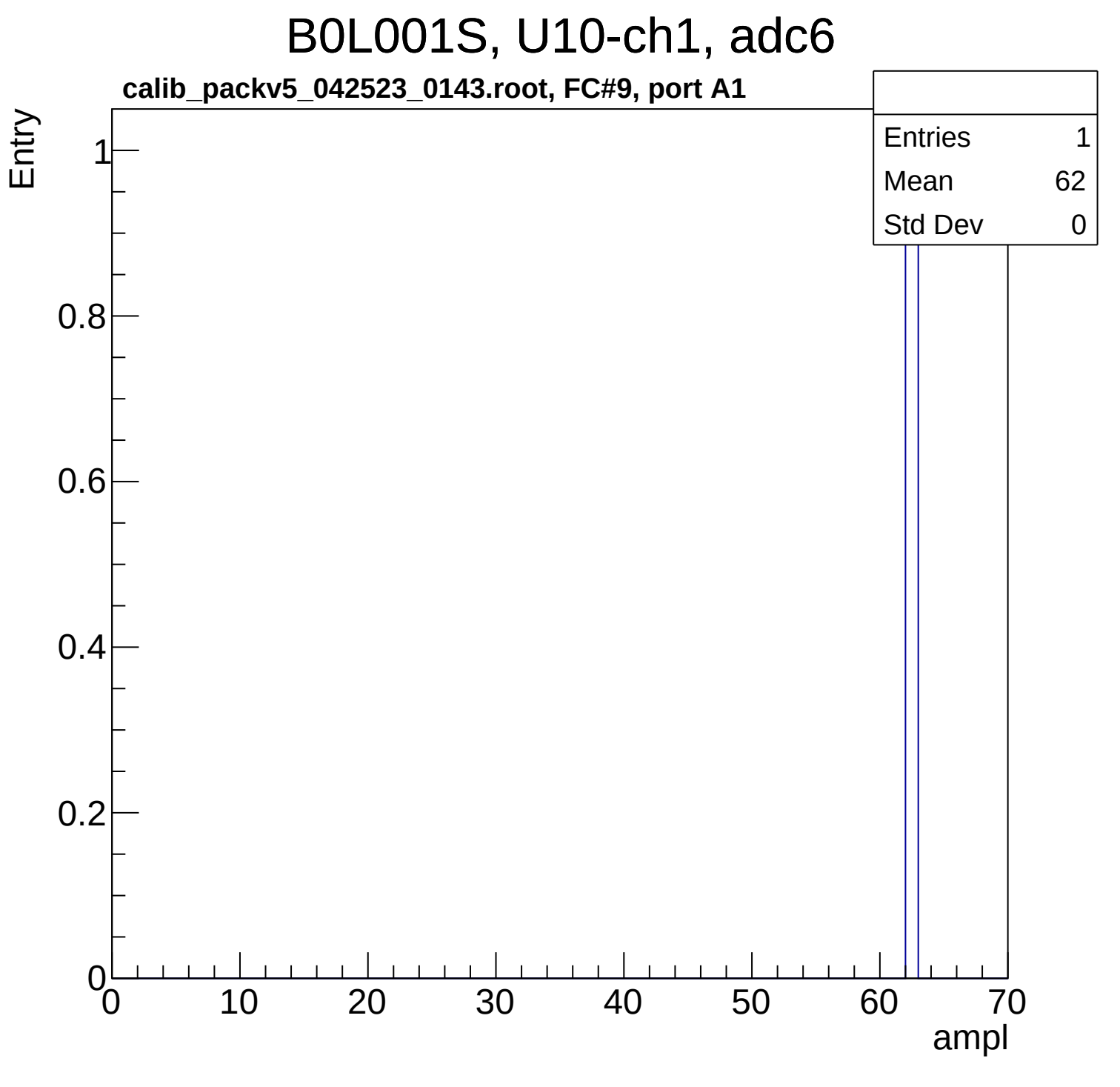
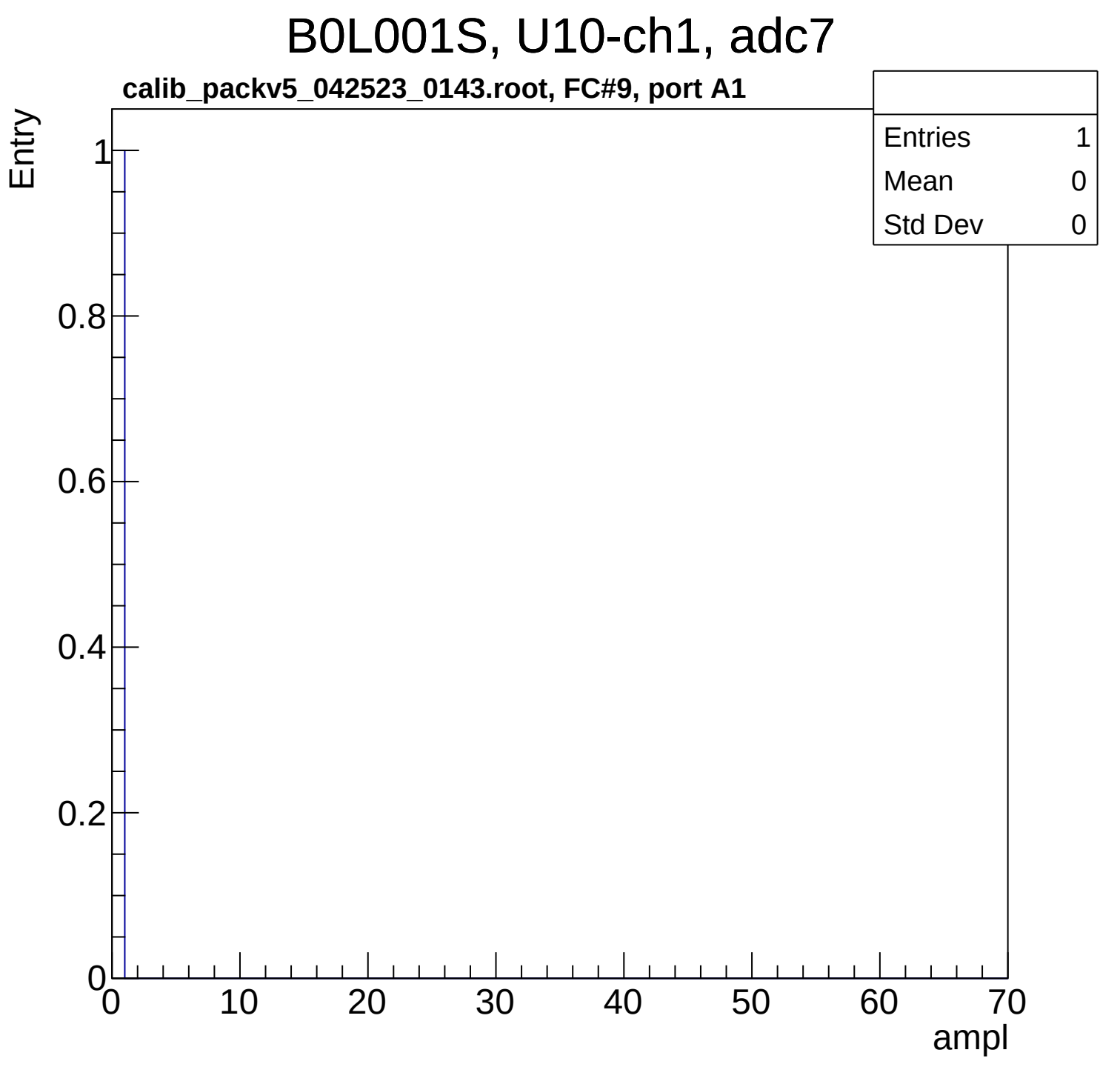
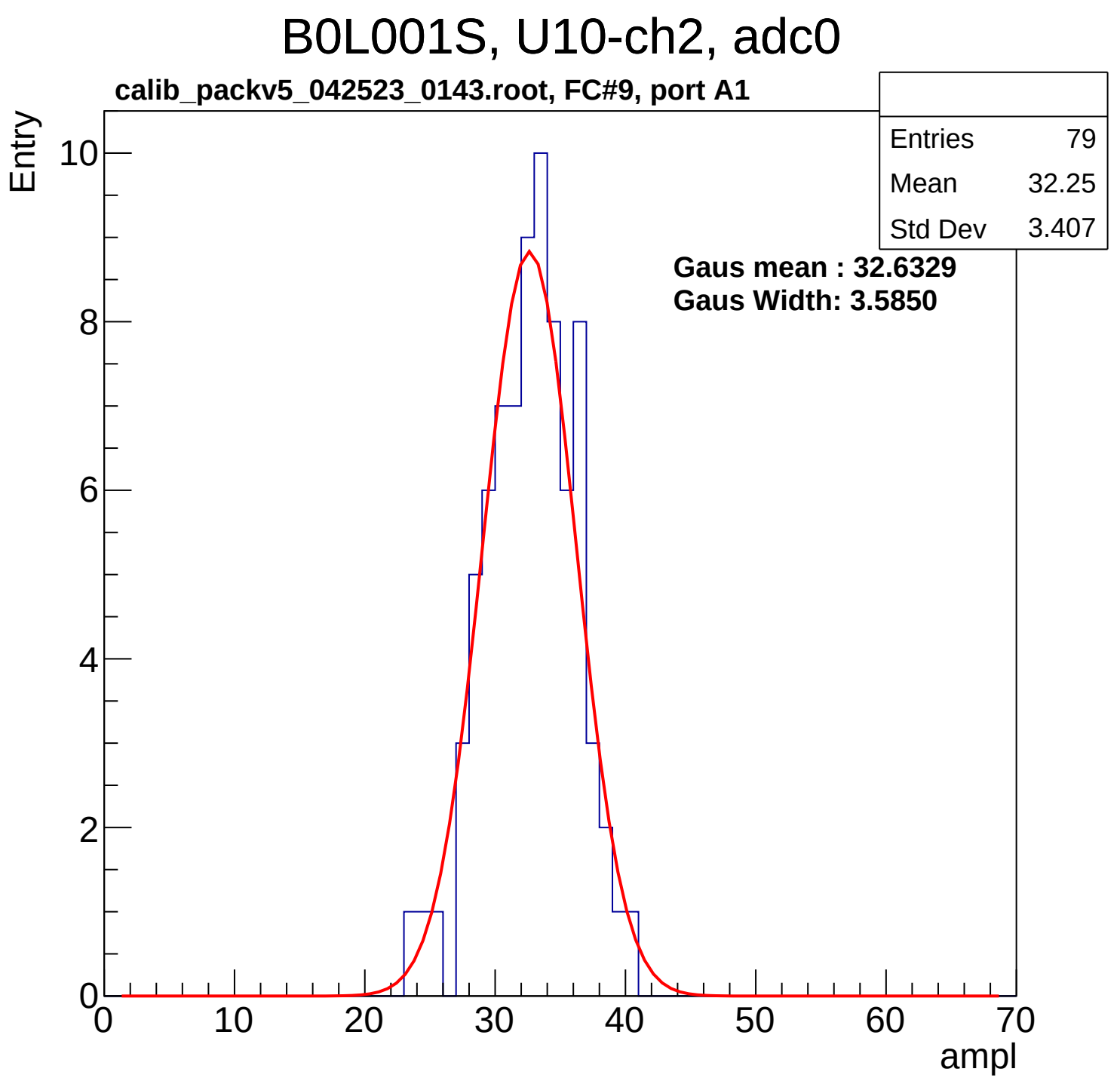
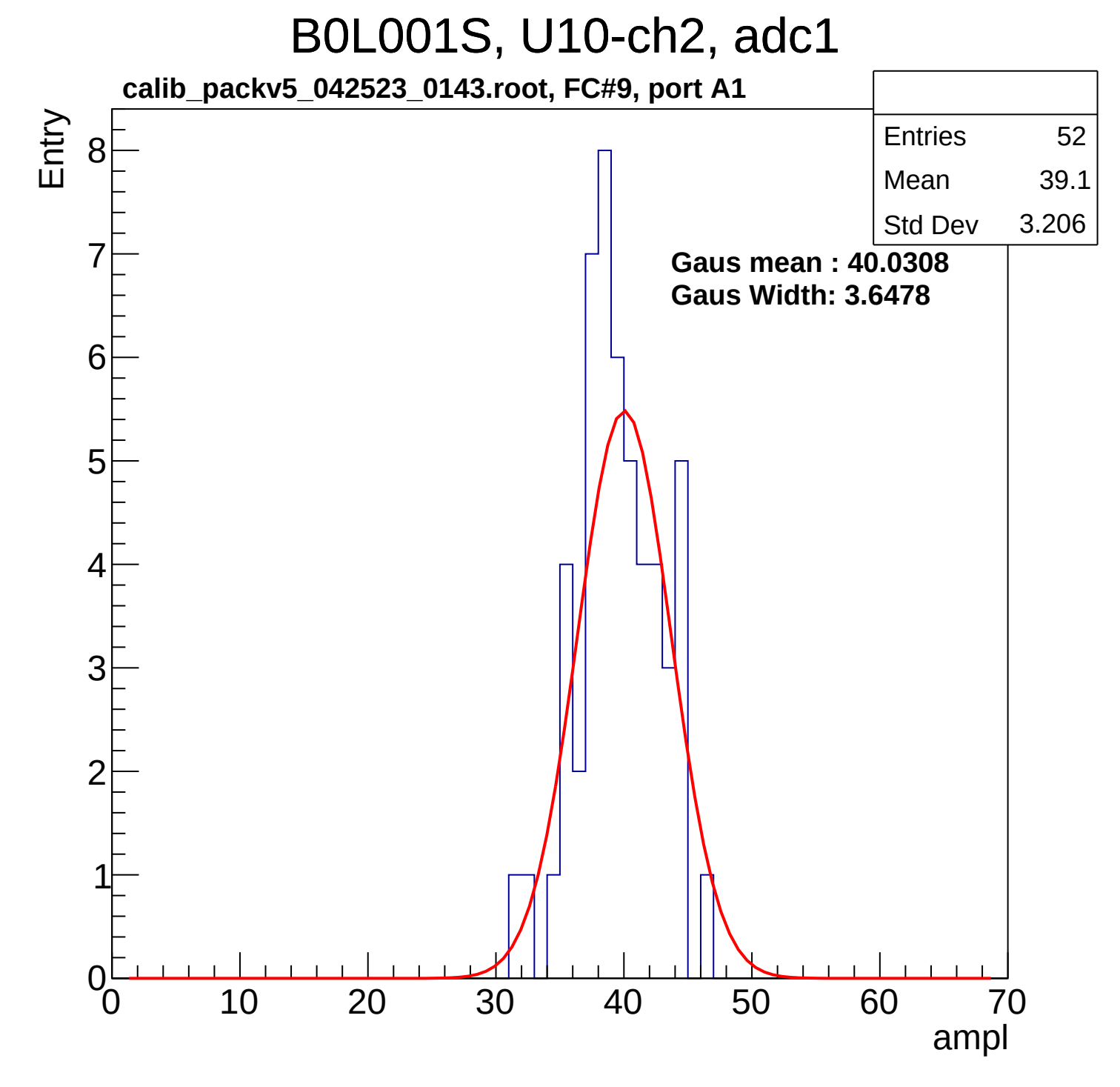
70
ampl


B0L001S, U10-ch1, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch1, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch2, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 32.25
Std Dev 3.407
Gaus mean : 32.6329
Gaus Width: 3.5850
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch2, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 39.1
Std Dev 3.206
Gaus mean : 40.0308
Gaus Width: 3.6478
Entry
ampl
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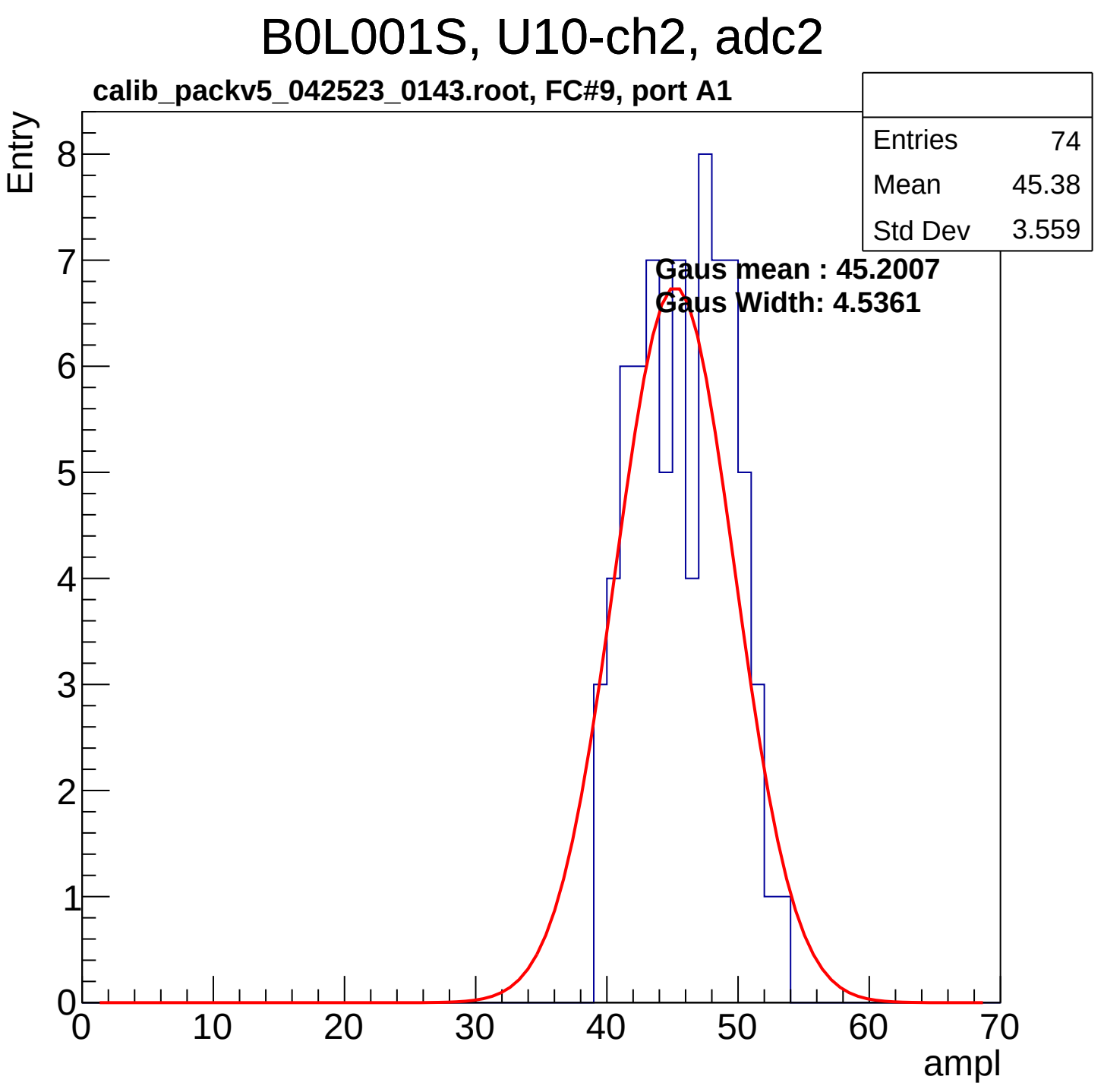
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch2, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 45.38
Std Dev 3.559
Gaus mean : 45.2007
Gaus Width: 4.5361
Entry
ampl
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2
3
4
5
6
7
8
0
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60
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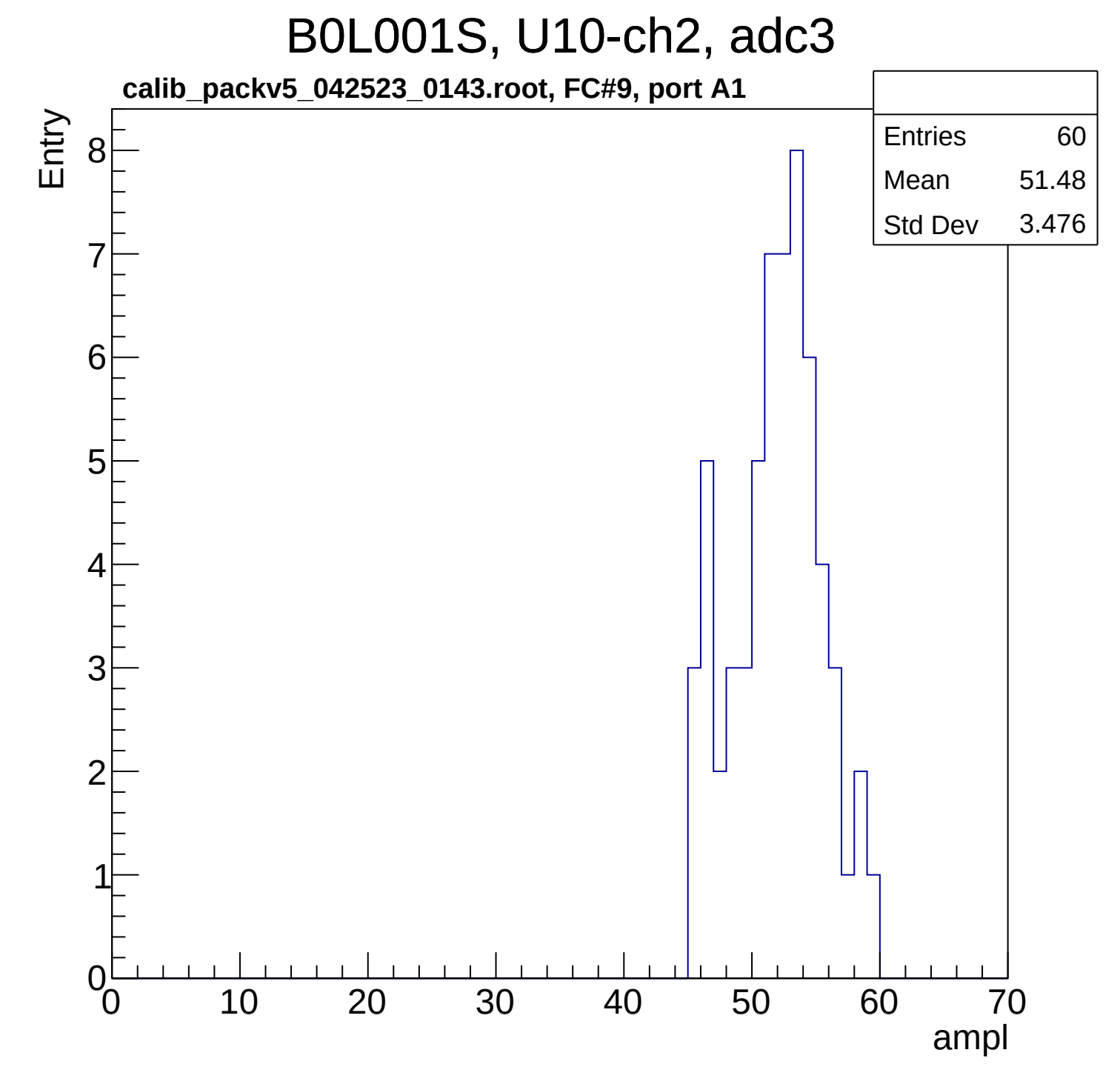
B0L001S, U10-ch2, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 51.48
Std Dev 3.476
Entry
ampl
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0
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60
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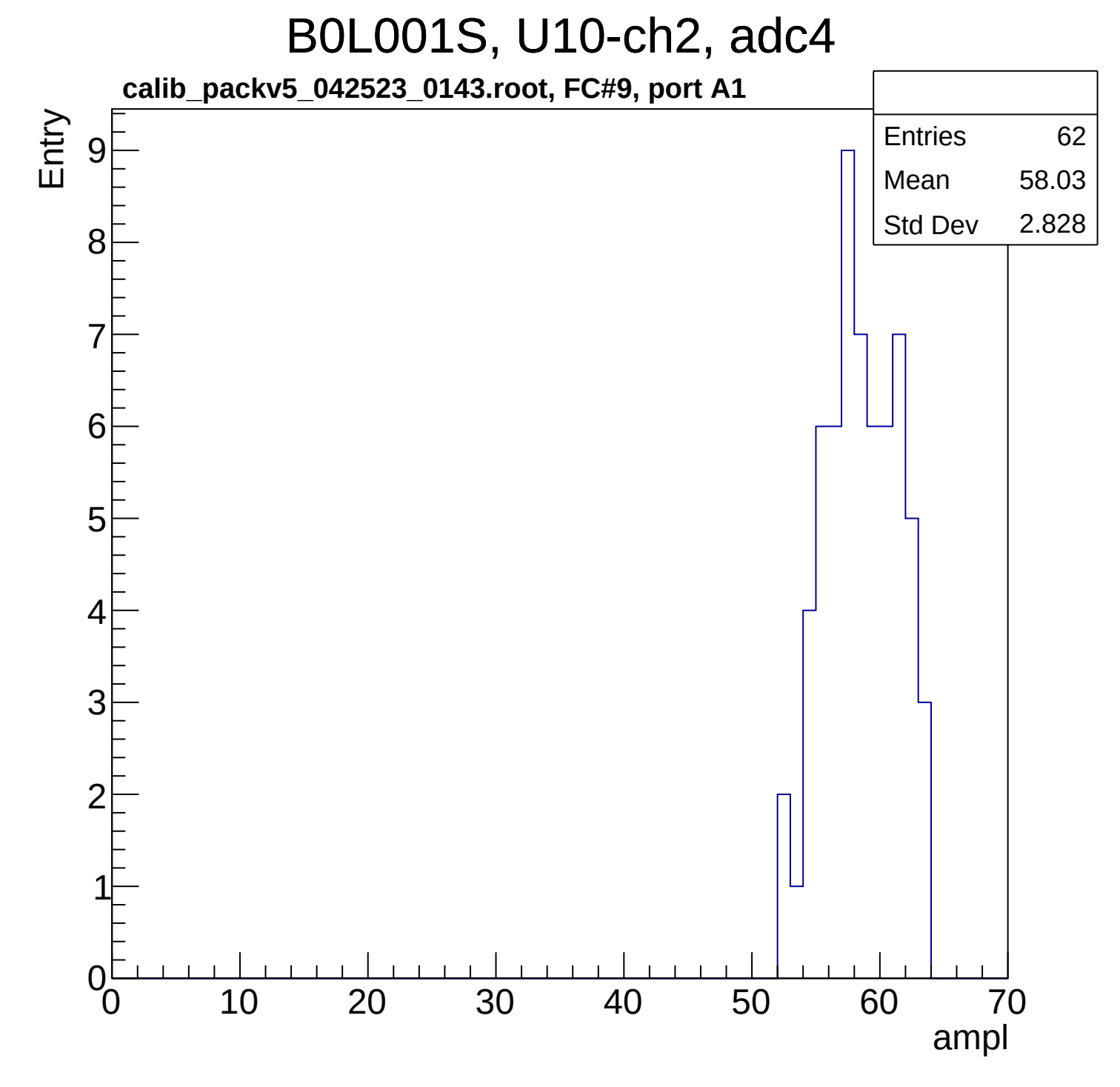
B0L001S, U10-ch2, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 58.03
Std Dev 2.828
Entry
ampl
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3
4
5
6
7
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0
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60
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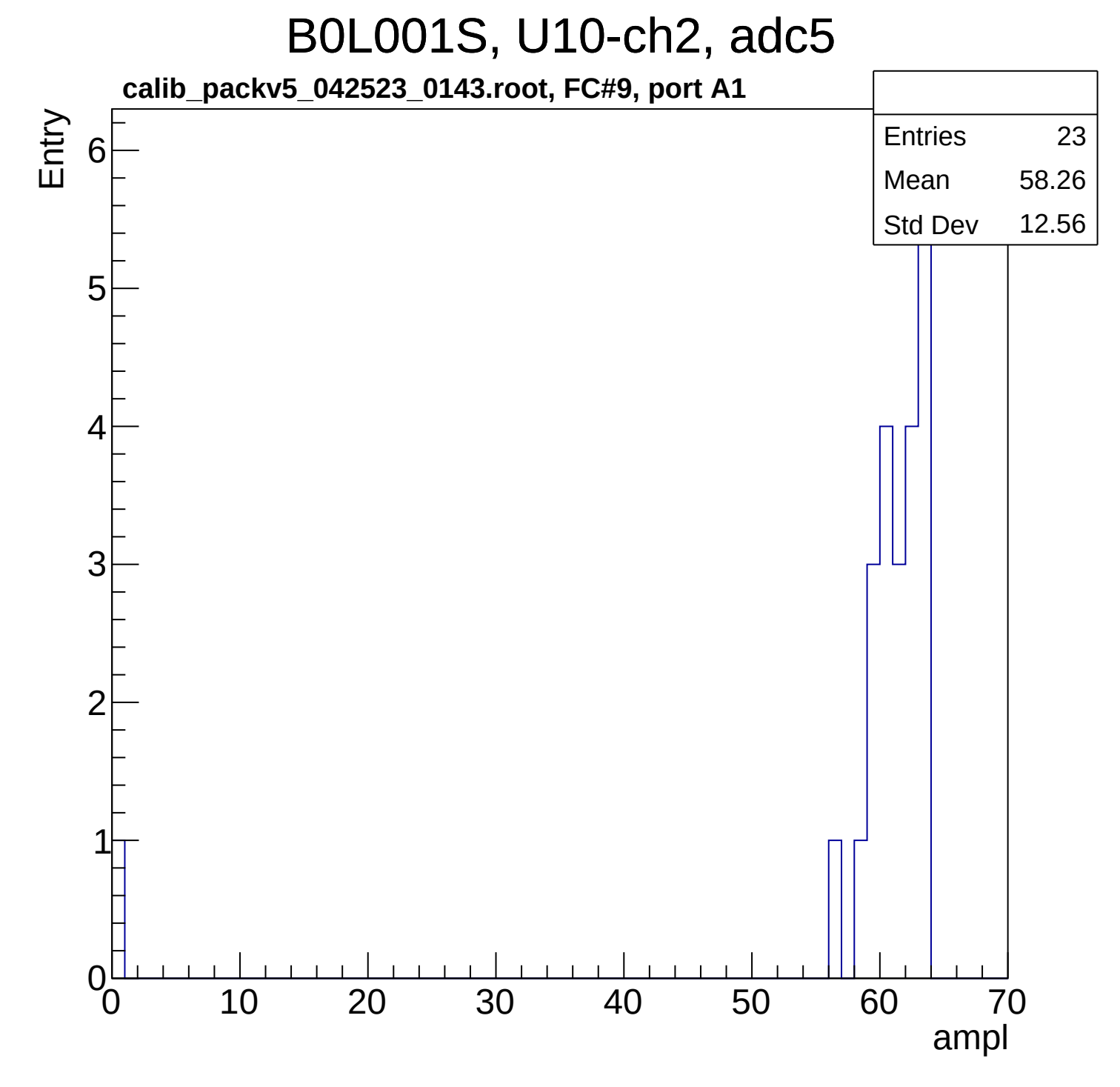
B0L001S, U10-ch2, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 23
Mean 58.26
Std Dev 12.56
Entry
0
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2
3
4
5
6
0
10
20
30
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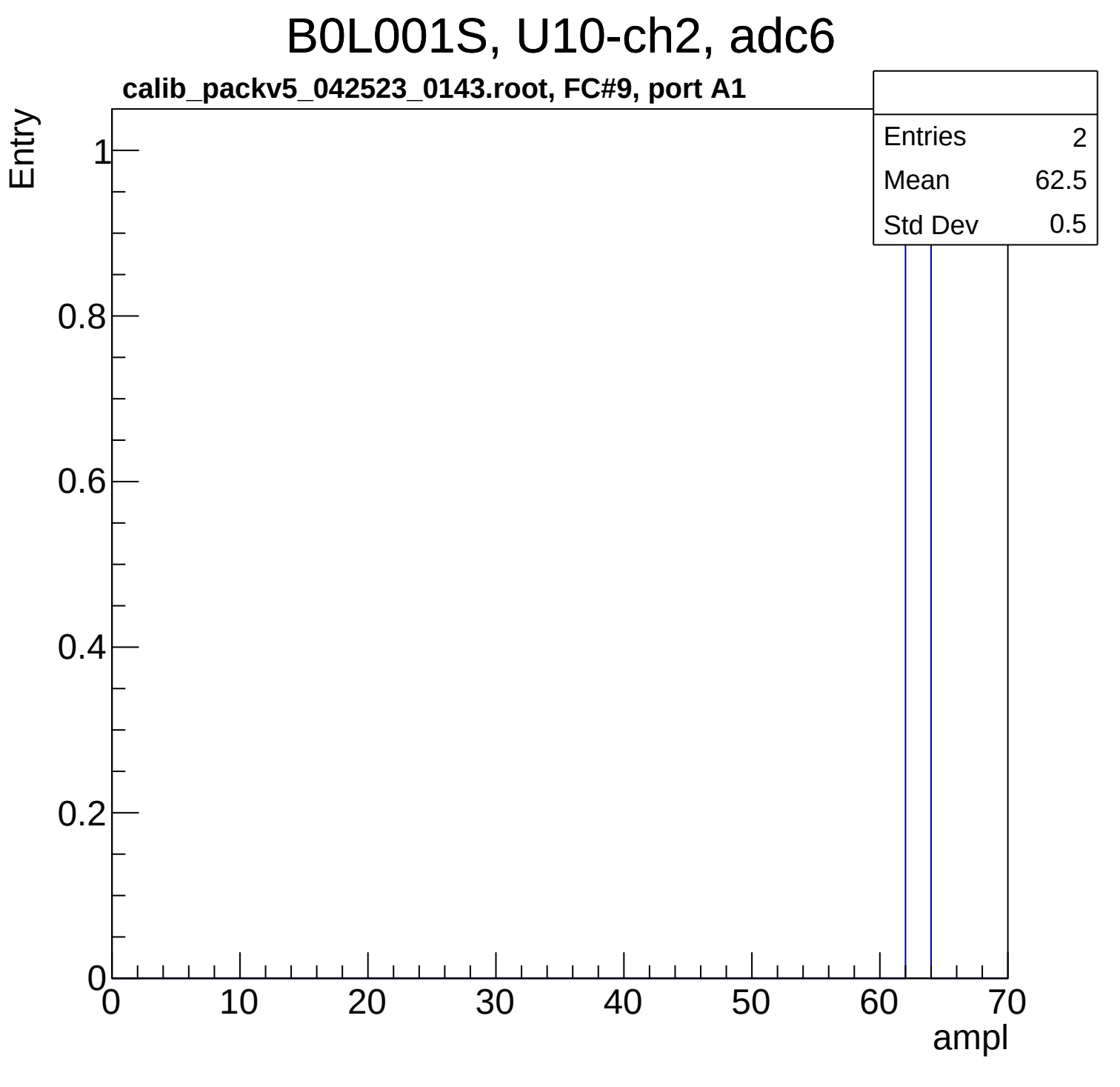
50
60
70
ampl


B0L001S, U10-ch2, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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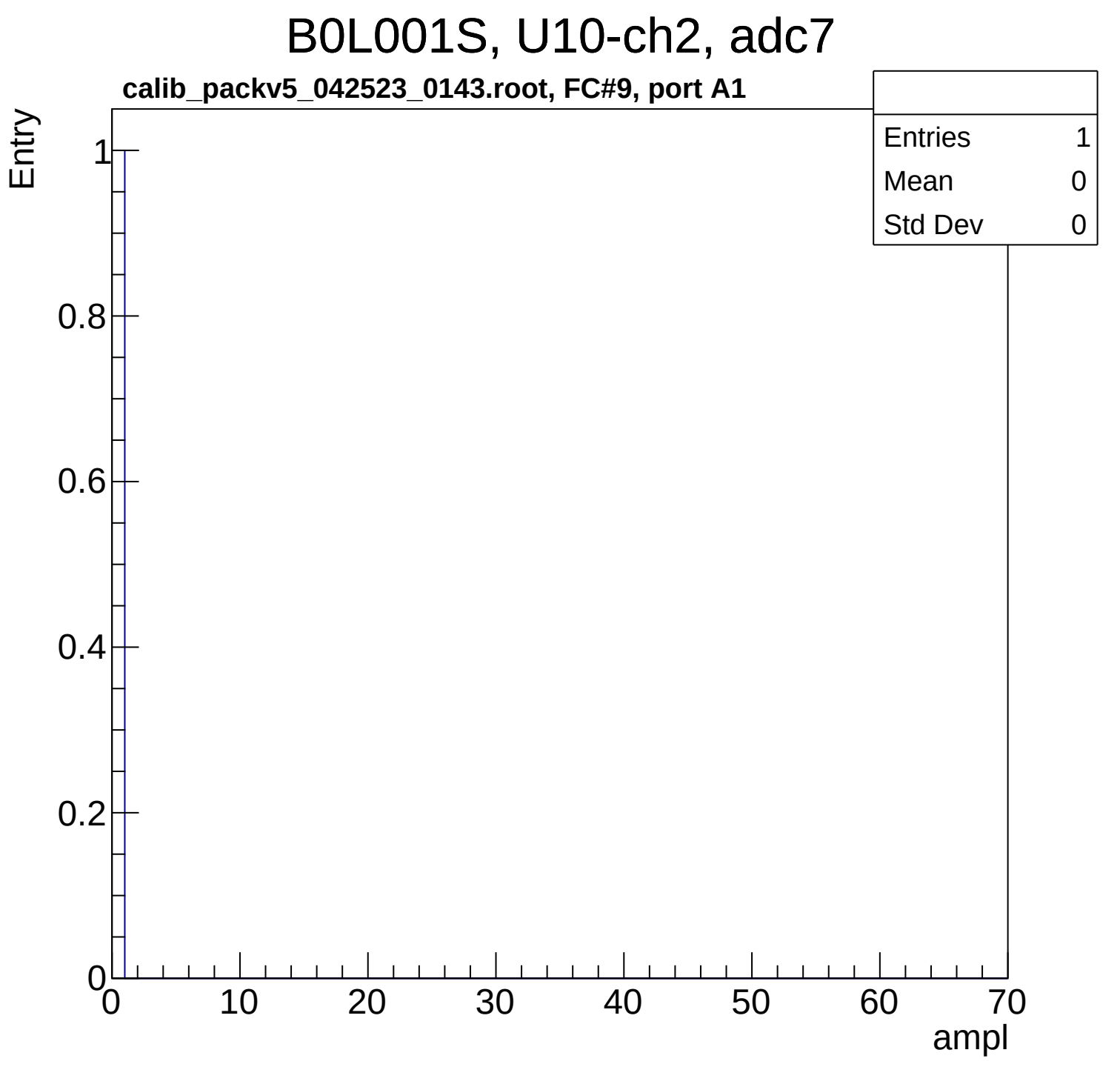
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch2, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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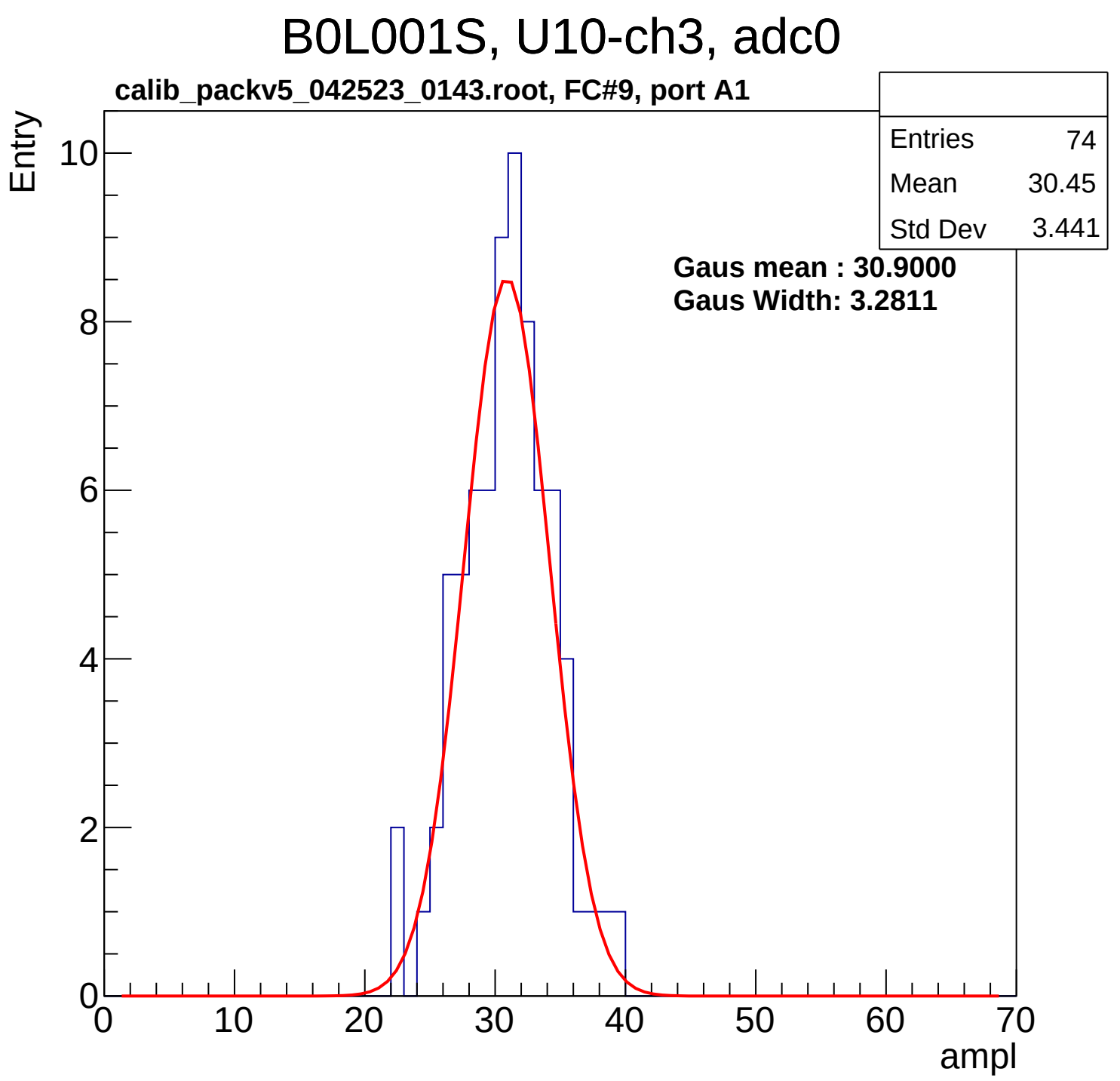
50
60
70
ampl


B0L001S, U10-ch3, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 30.45
Std Dev 3.441
Gaus mean : 30.9000
Gaus Width: 3.2811
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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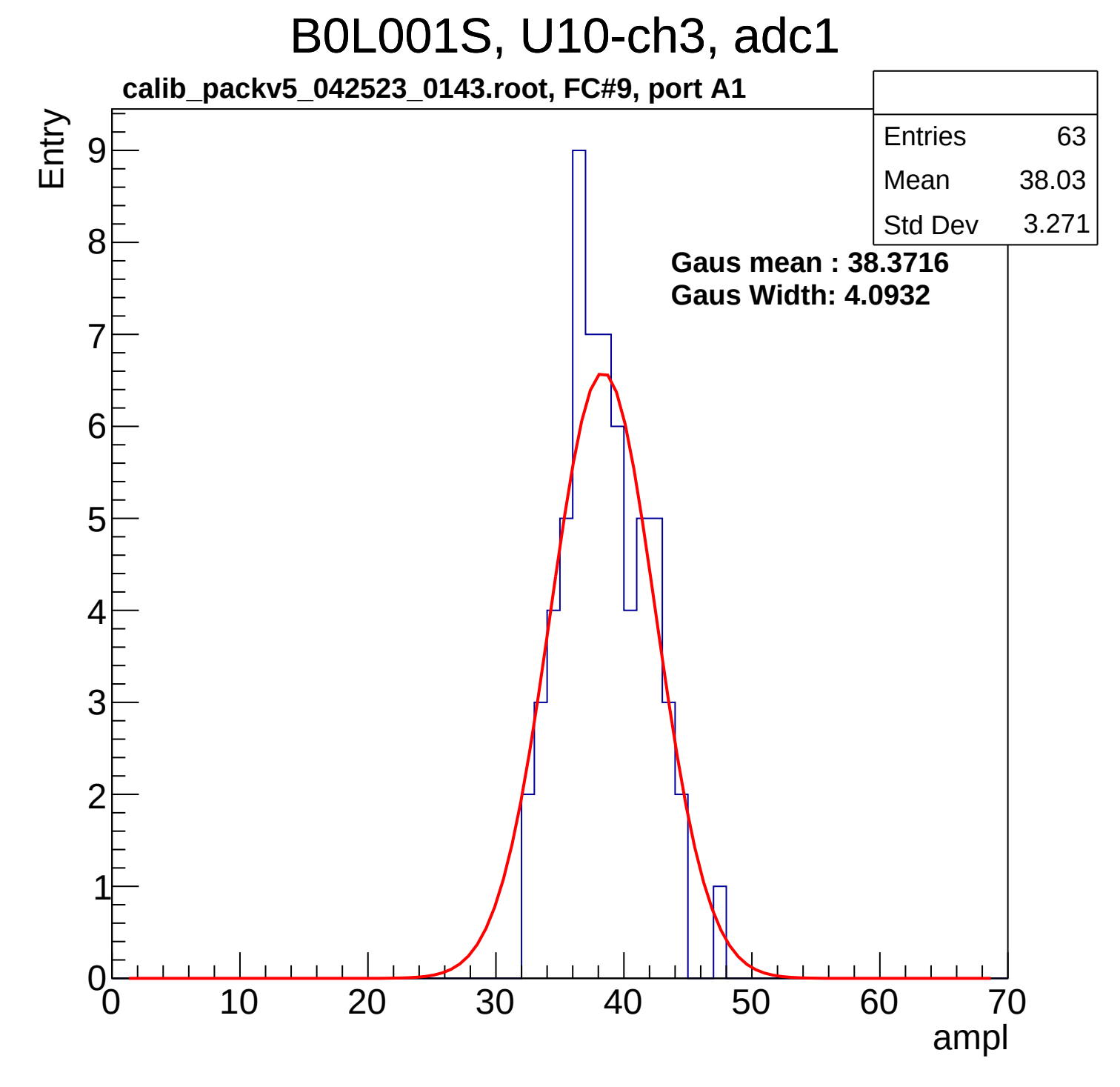
B0L001S, U10-ch3, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 38.03
Std Dev 3.271
Gaus mean : 38.3716
Gaus Width: 4.0932
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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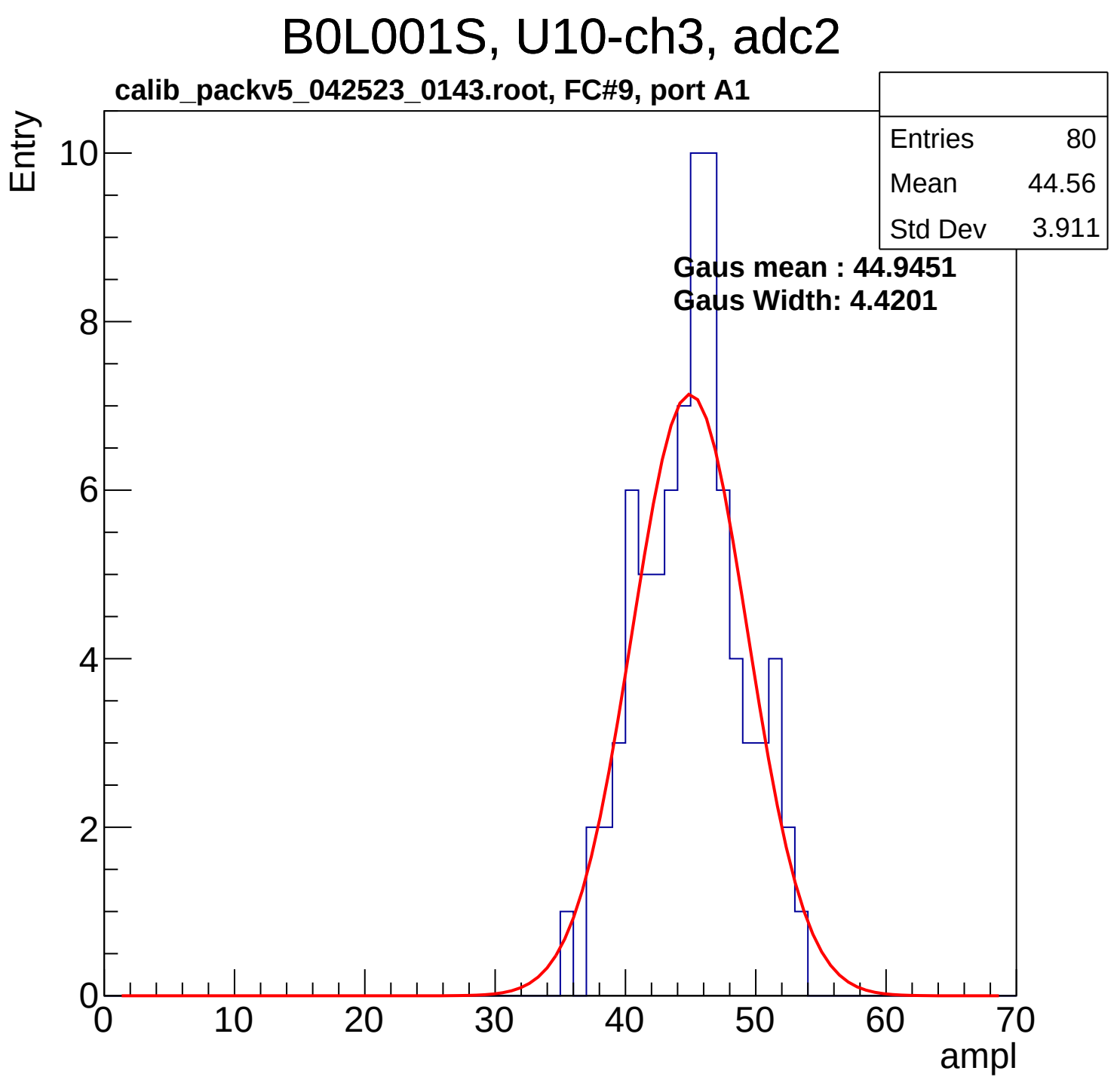
B0L001S, U10-ch3, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 44.56
Std Dev 3.911
Gaus mean : 44.9451
Gaus Width: 4.4201
Entry
ampl
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4
6
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0
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60
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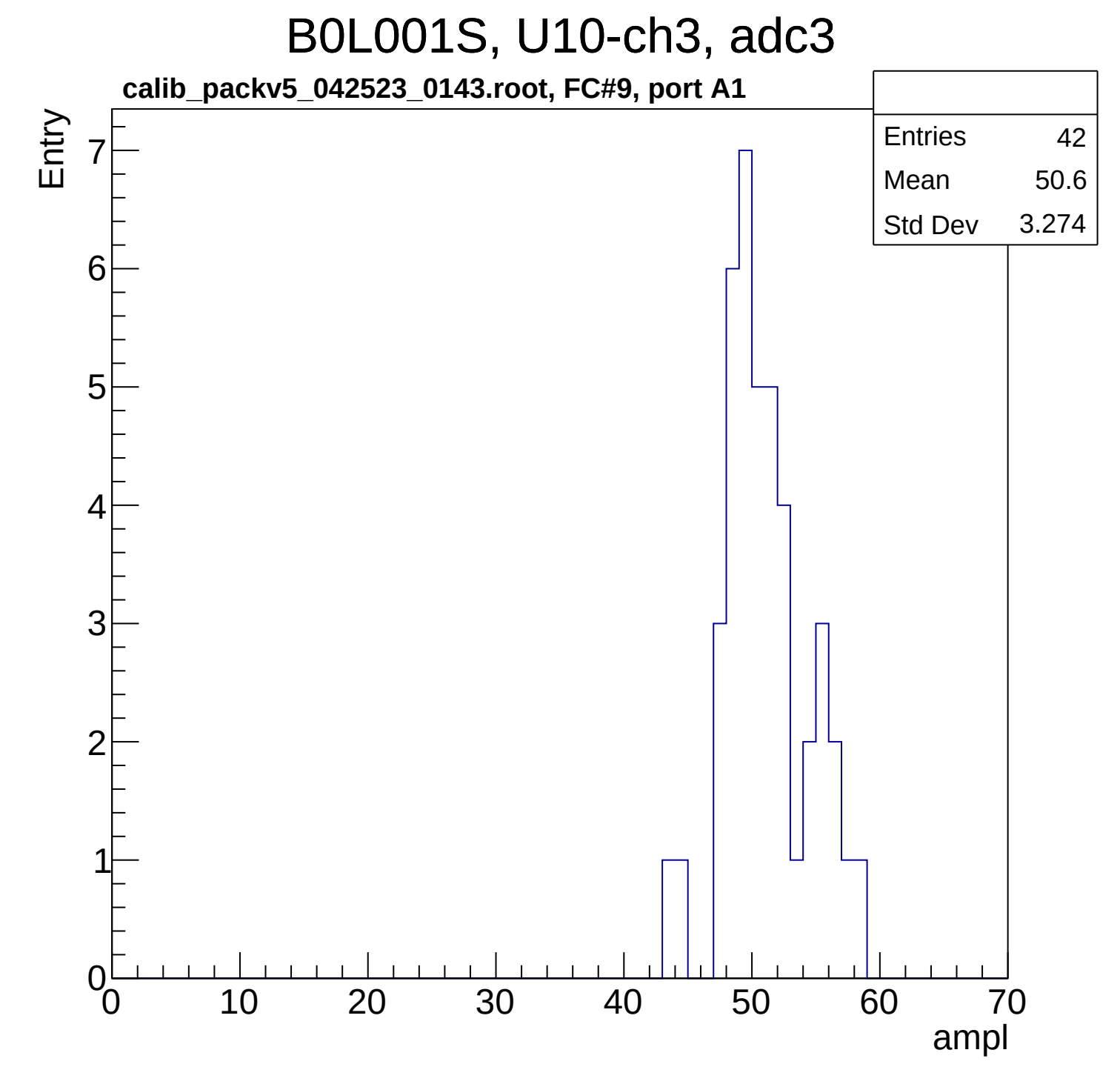
B0L001S, U10-ch3, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 50.6
Std Dev 3.274
Entry
ampl
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2
3
4
5
6
7
0
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20
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40
50
60
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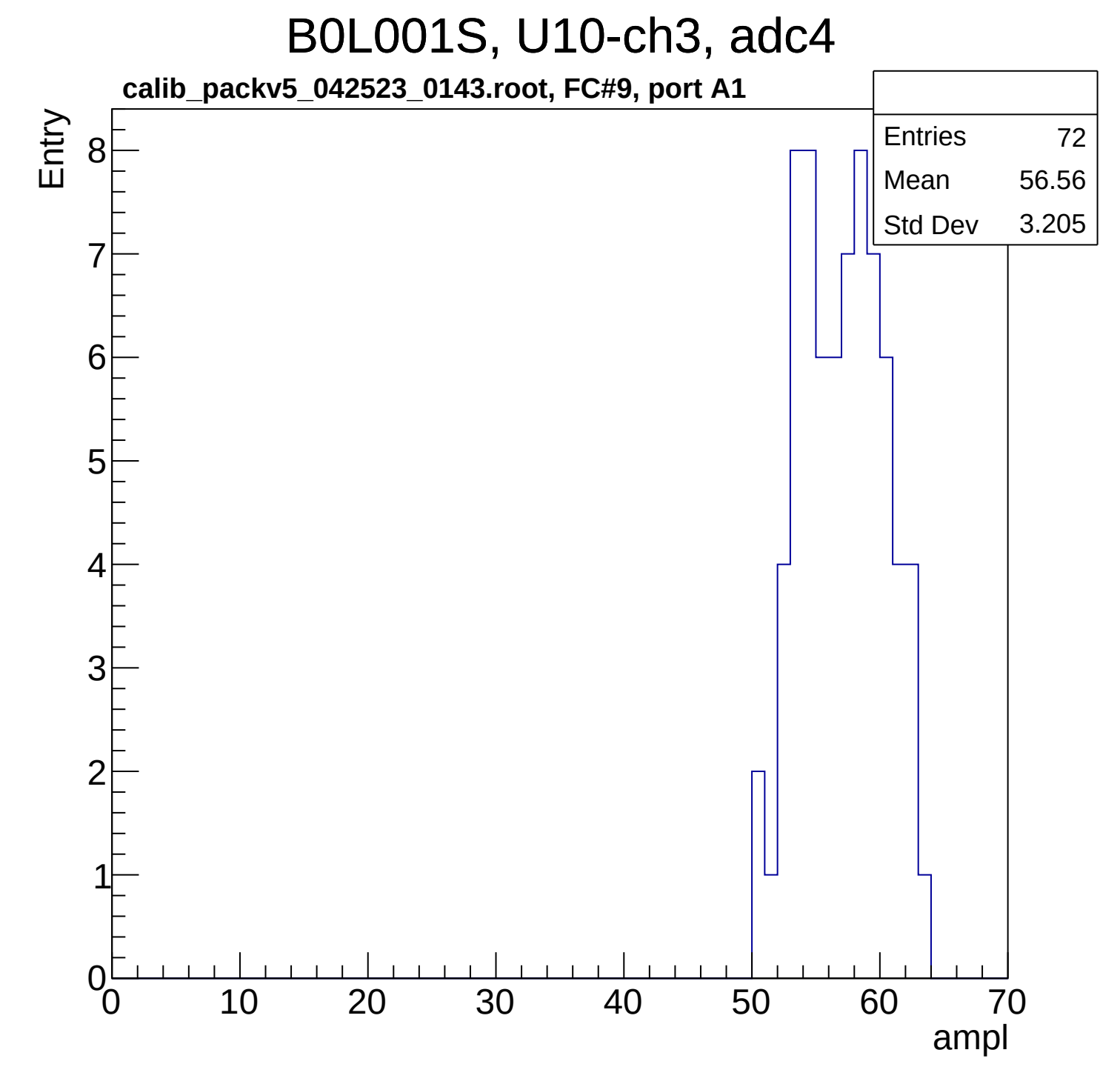
B0L001S, U10-ch3, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 56.56
Std Dev 3.205
Entry
ampl
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3
4
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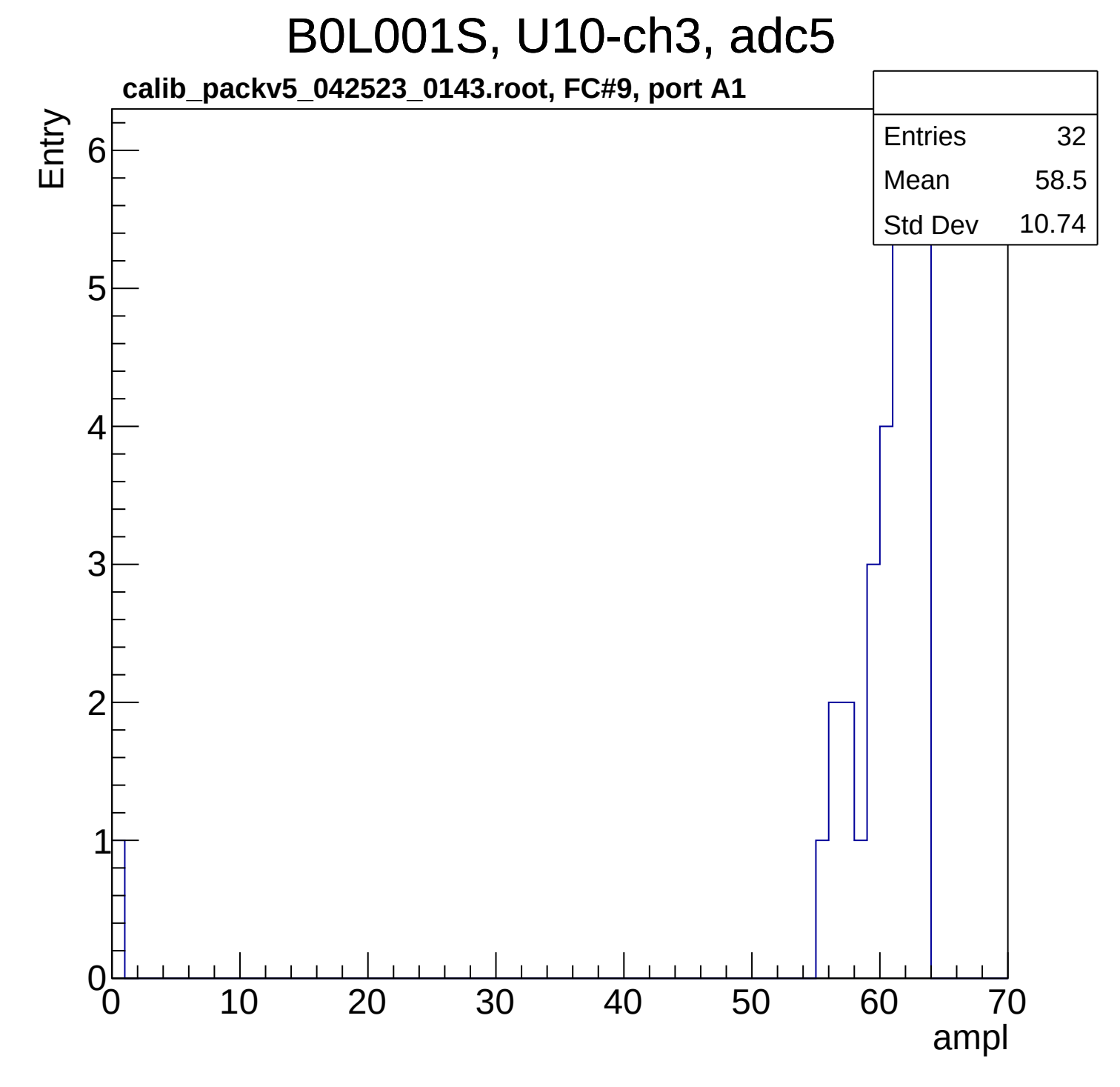
B0L001S, U10-ch3, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 58.5
Std Dev 10.74
Entry
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2
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4
5
6
0
10
20
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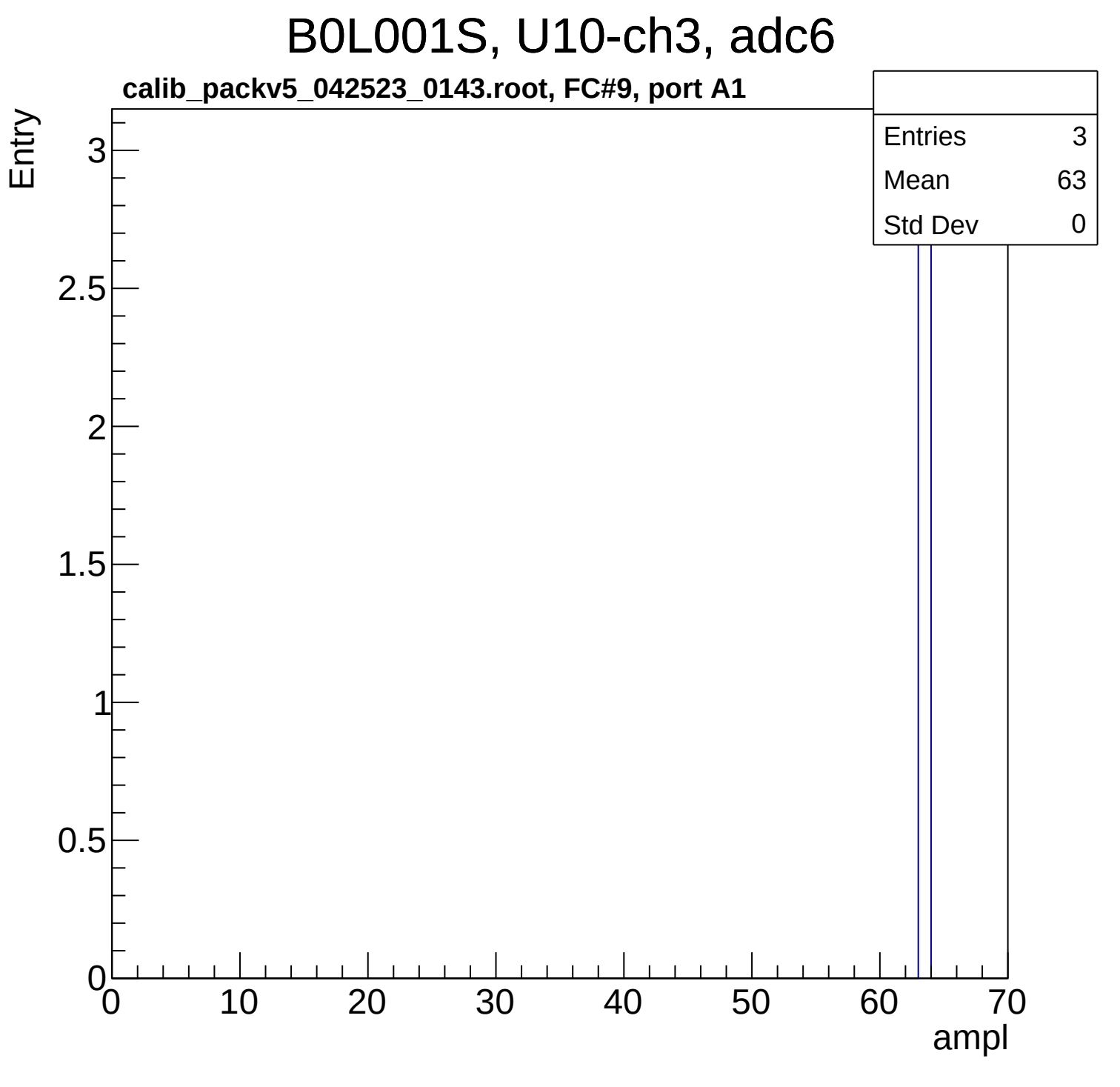
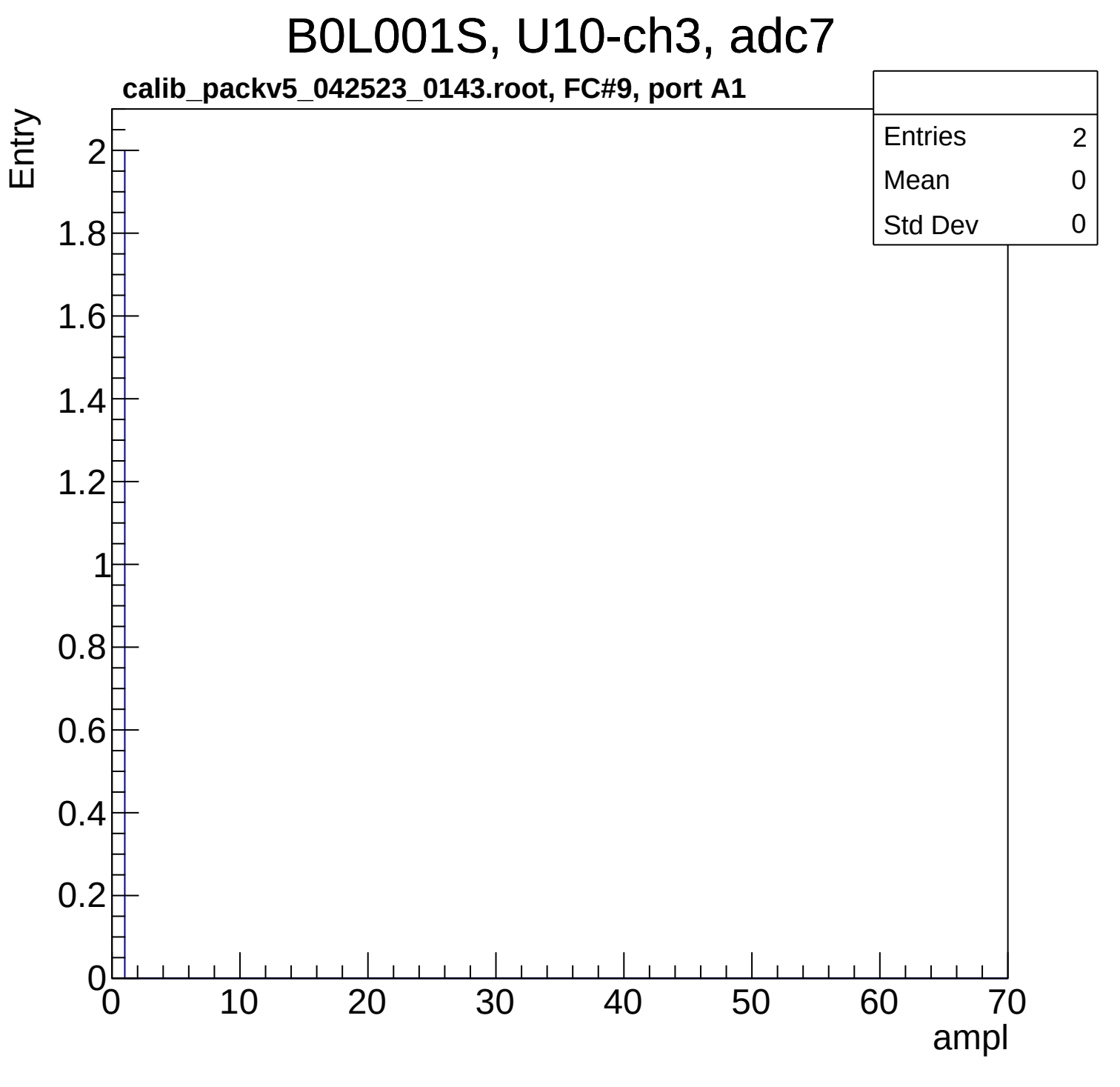
50
60
70
ampl


B0L001S, U10-ch3, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch3, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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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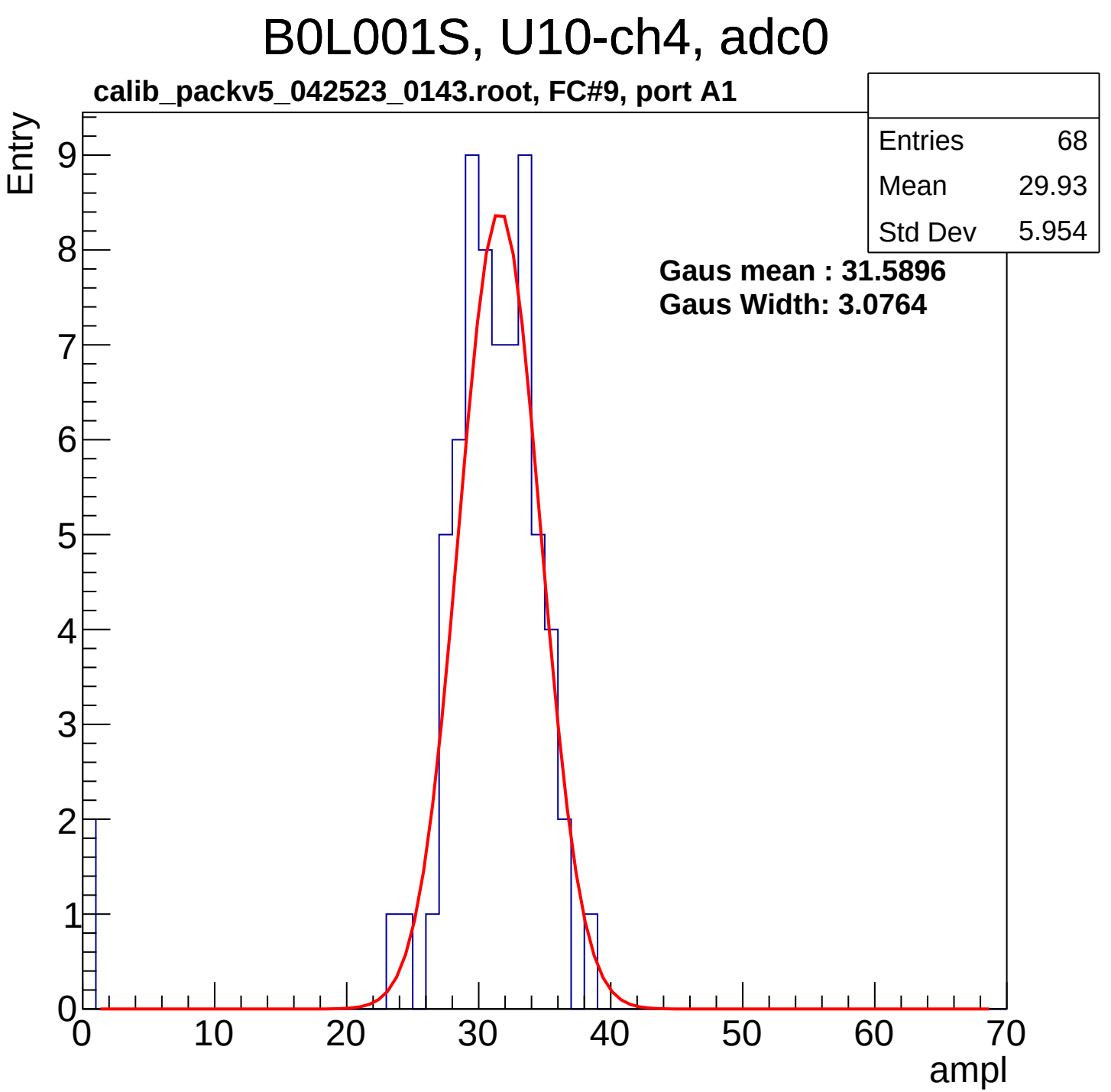
B0L001S, U10-ch4, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 29.93
Std Dev 5.954
Gaus mean : 31.5896
Gaus Width: 3.0764
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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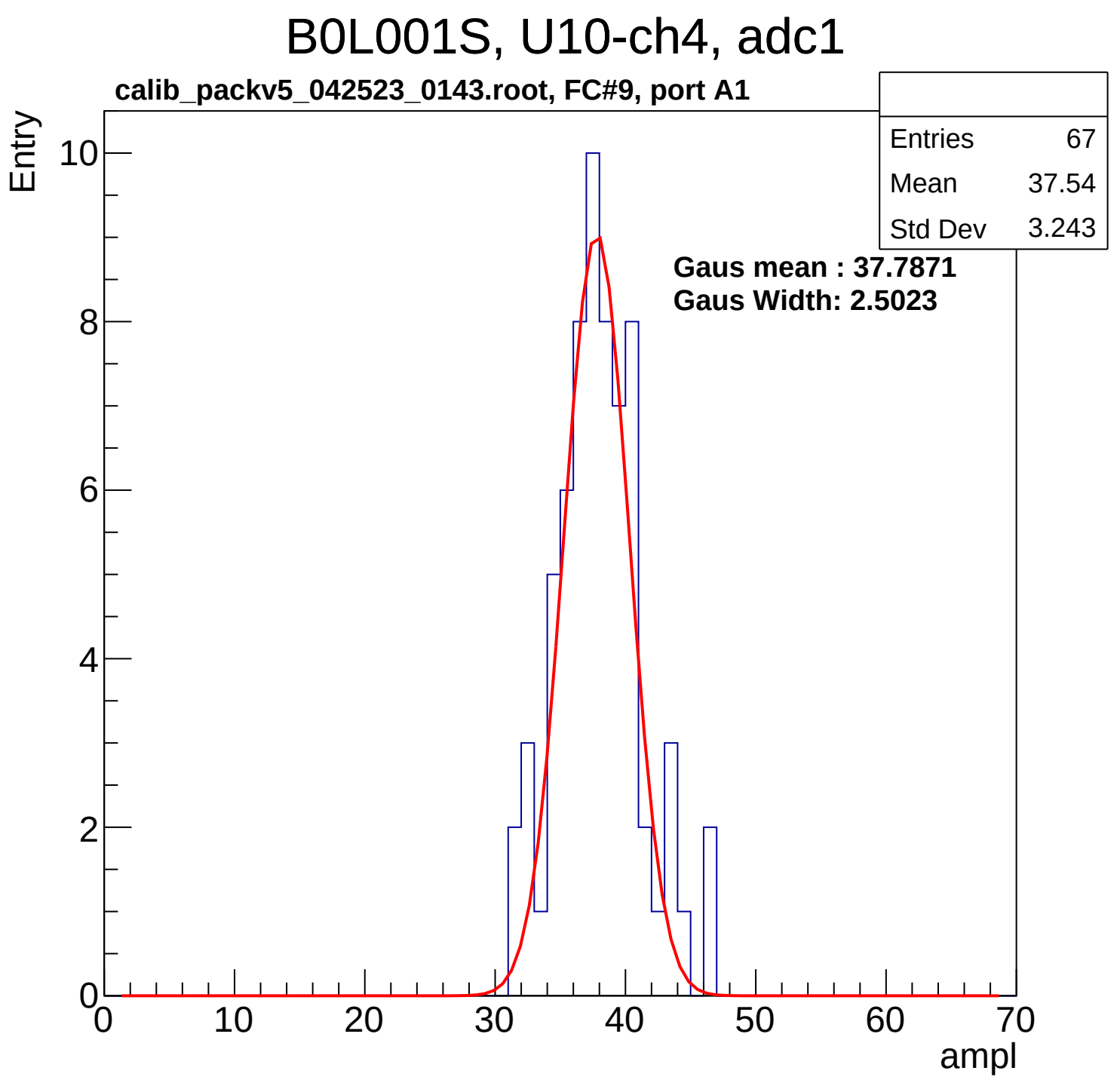
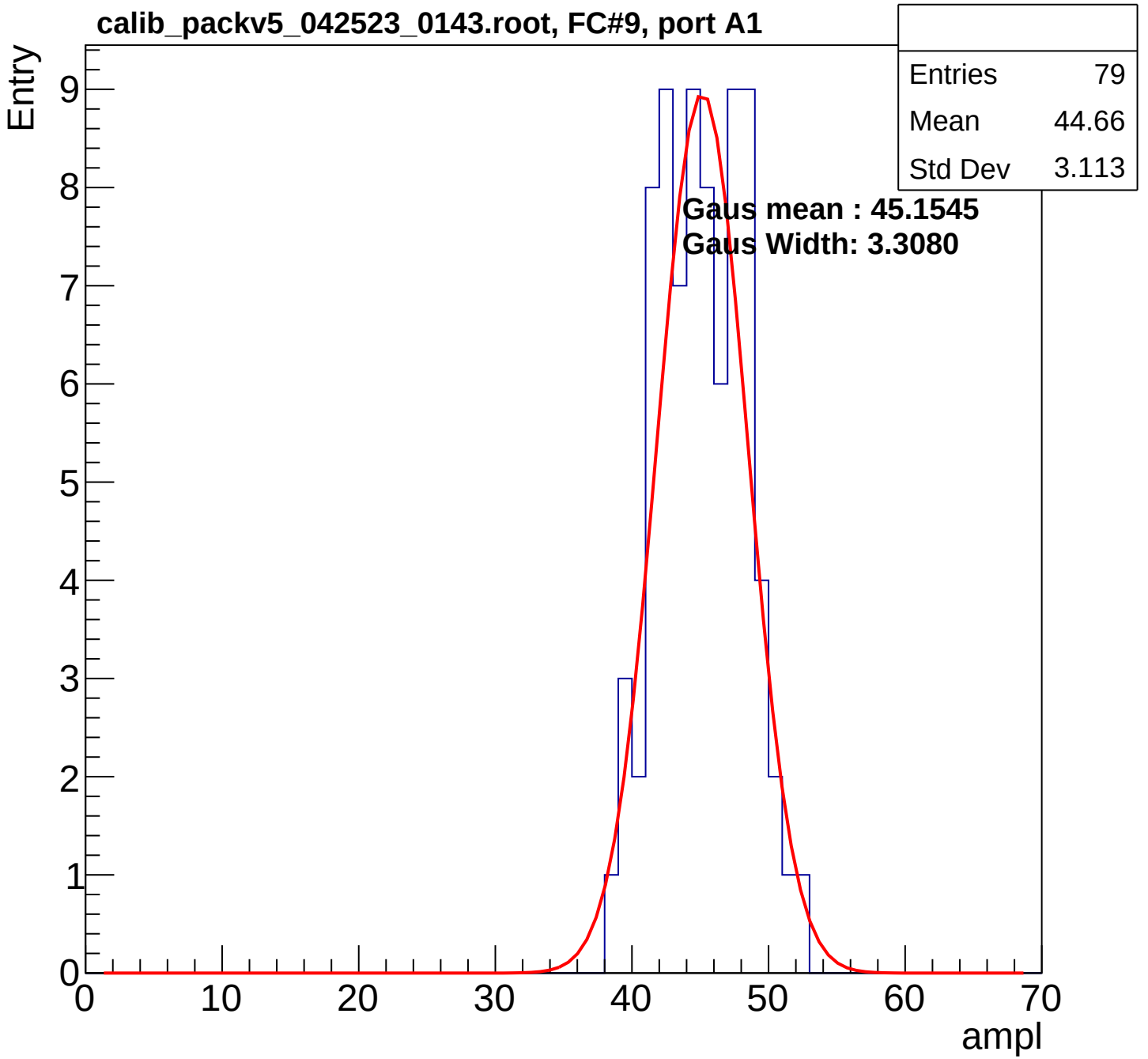
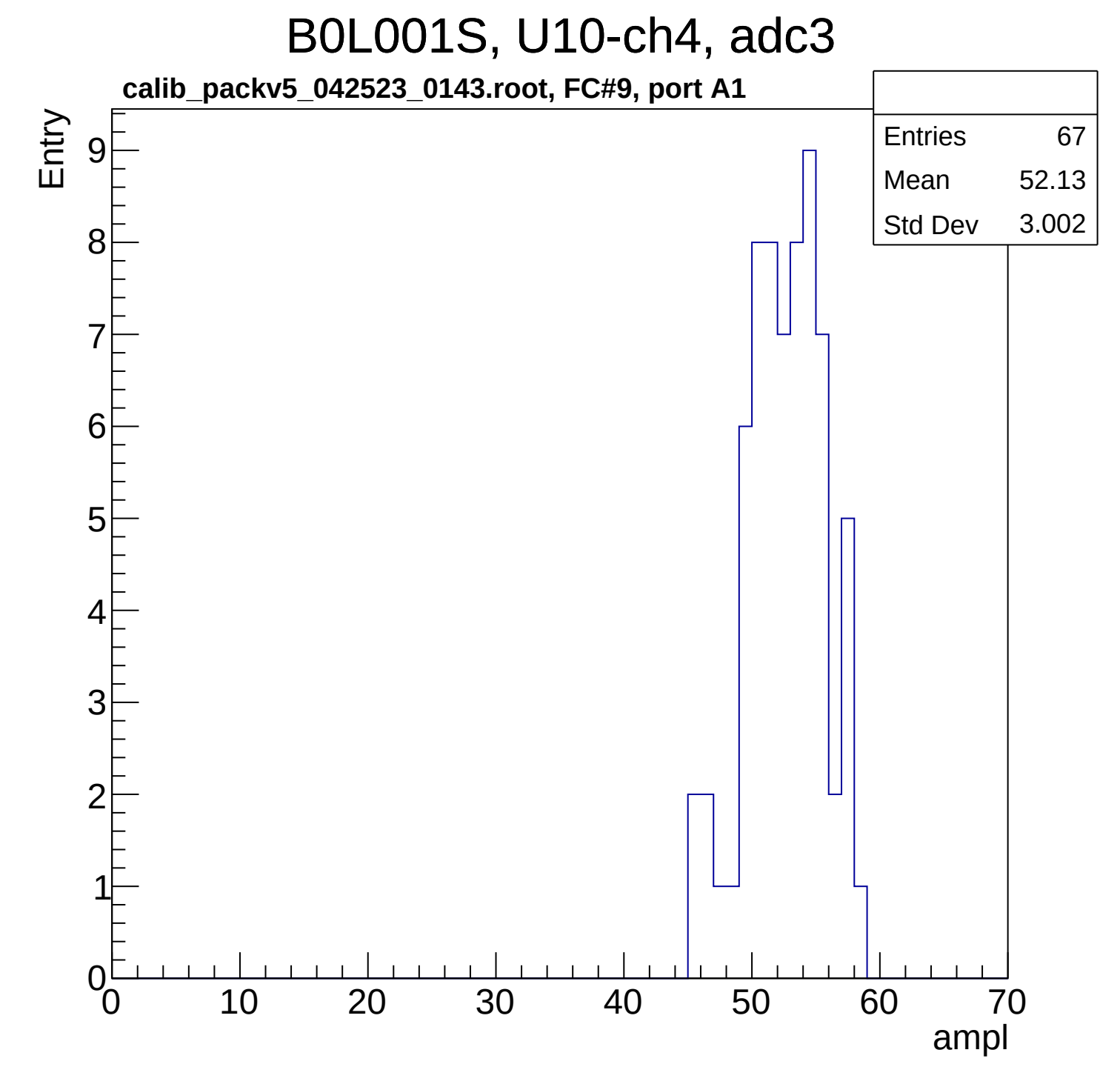

B0L001S, U10-ch4, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.54
Std Dev 3.243
Gaus mean : 37.7871
Gaus Width: 2.5023
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch4, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 44.66
Std Dev 3.113
Gaus mean : 45.1545
Gaus Width: 3.3080
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch4, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 52.13
Std Dev 3.002
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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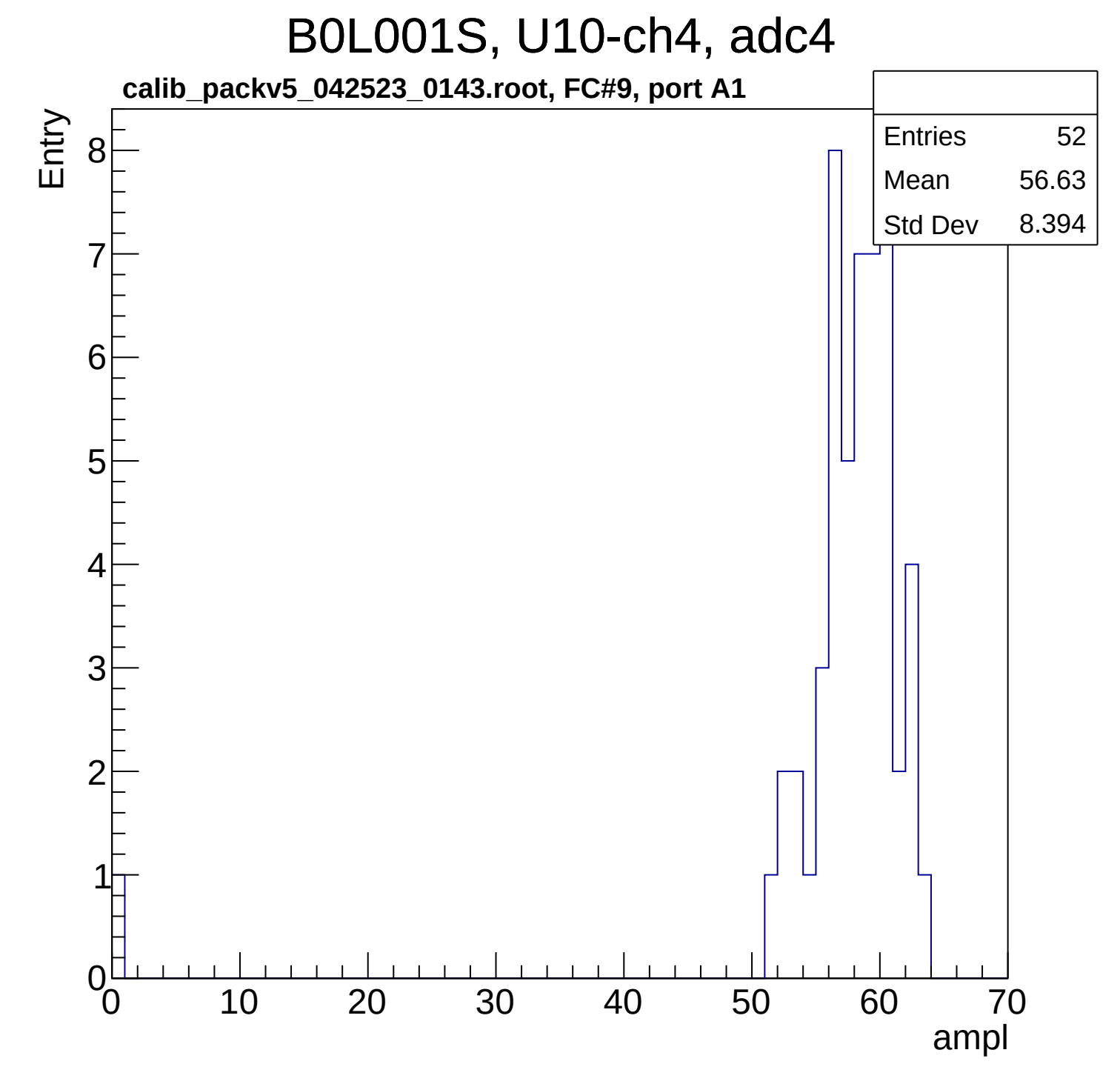
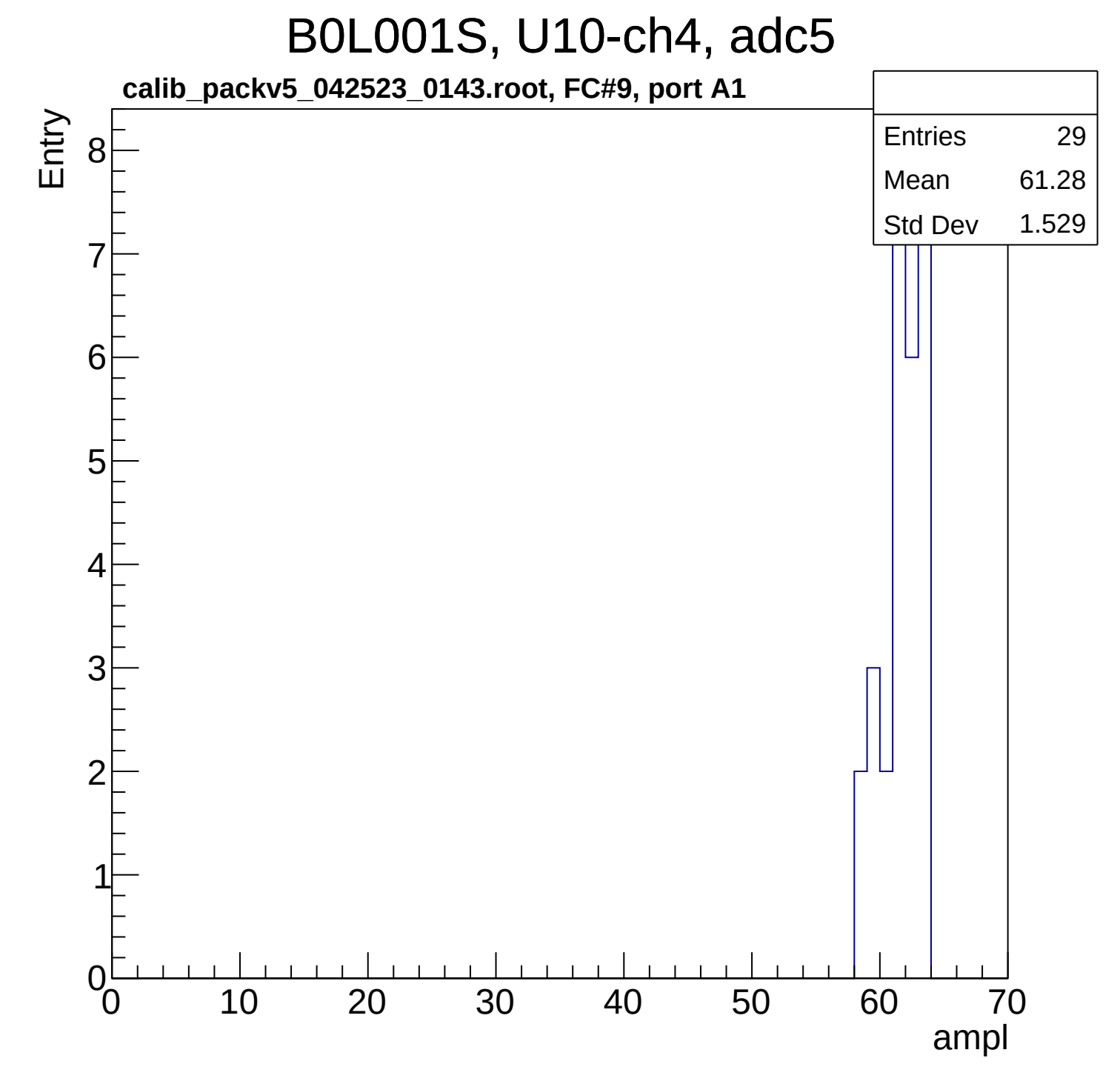
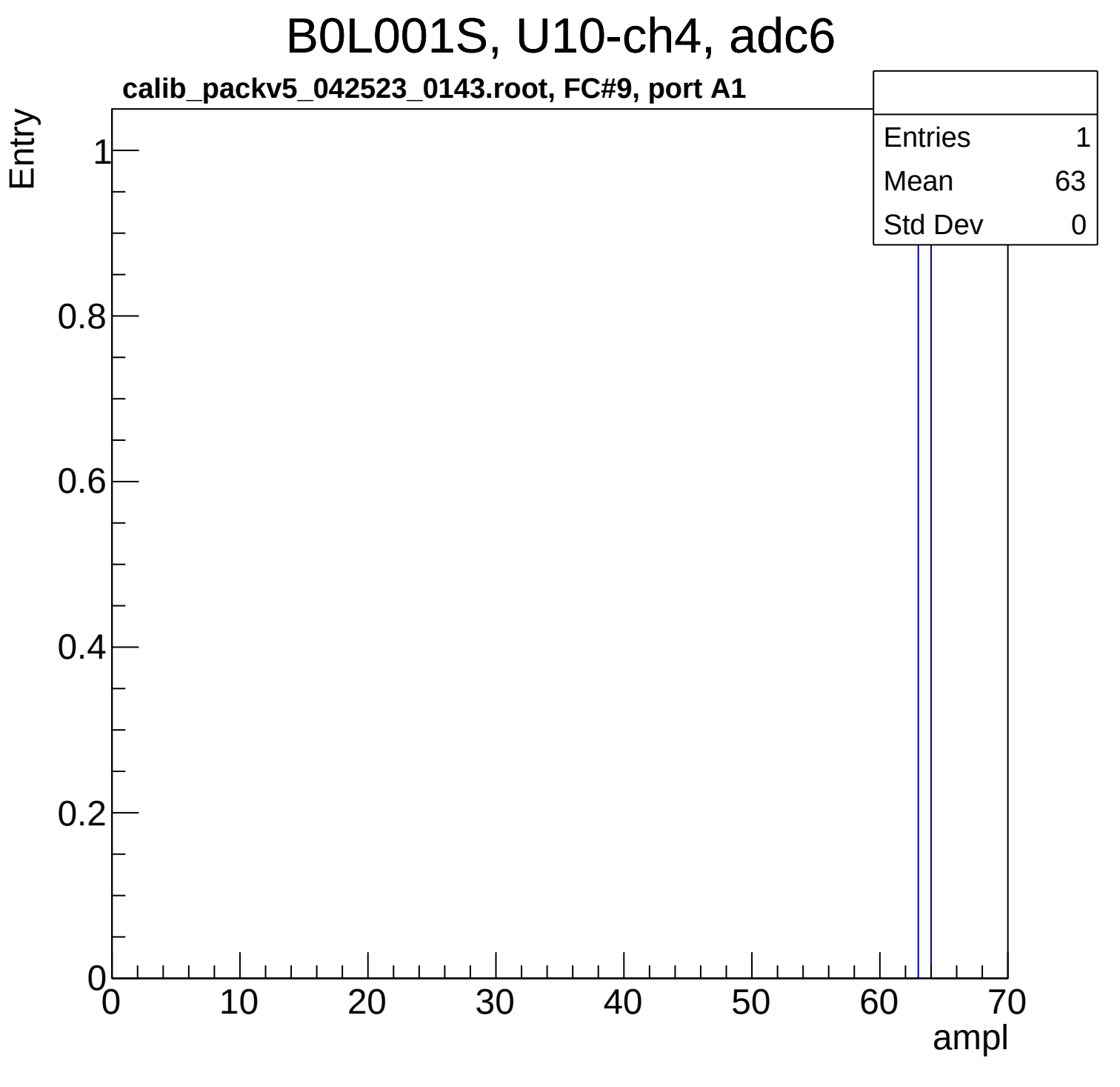
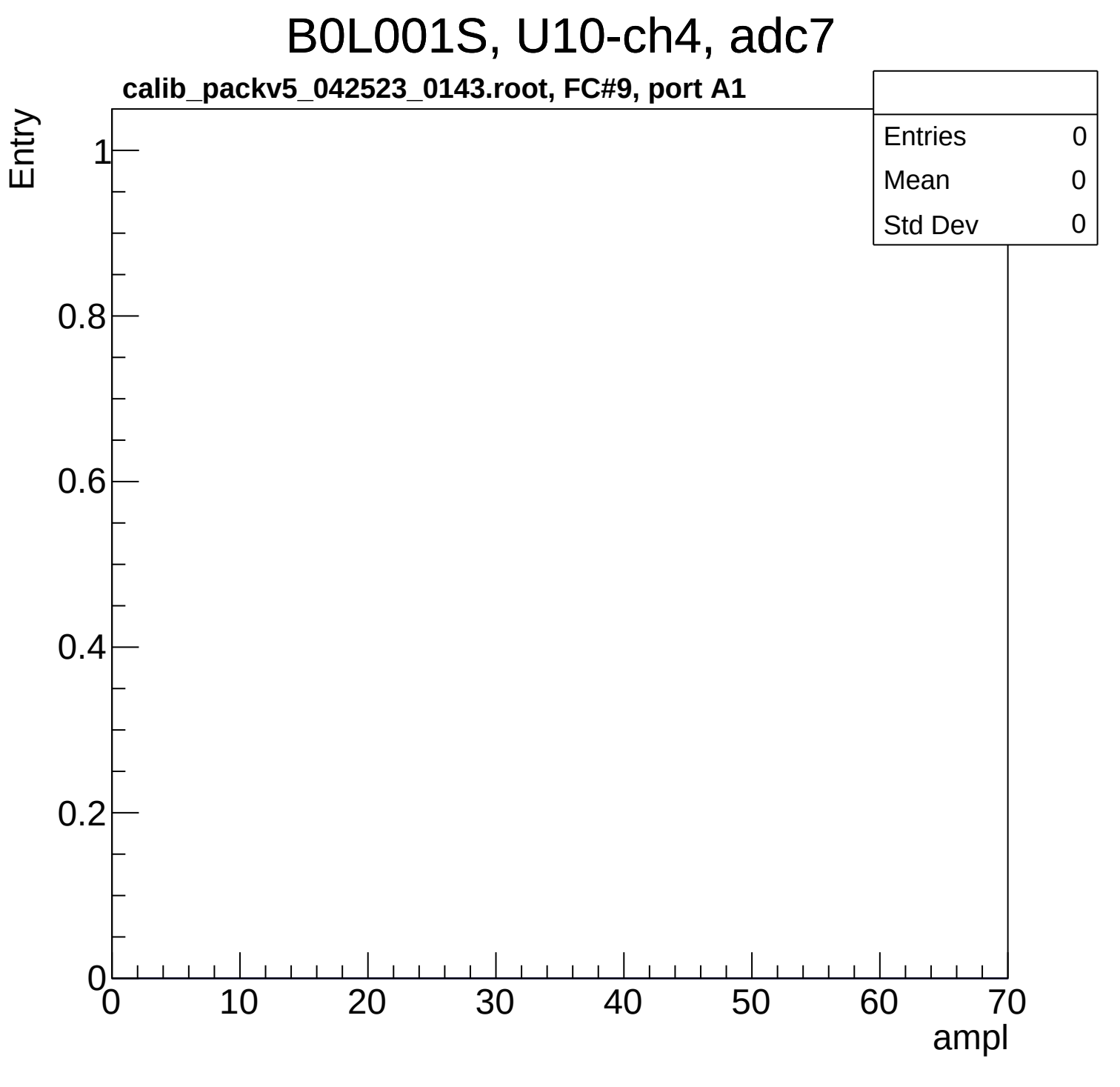
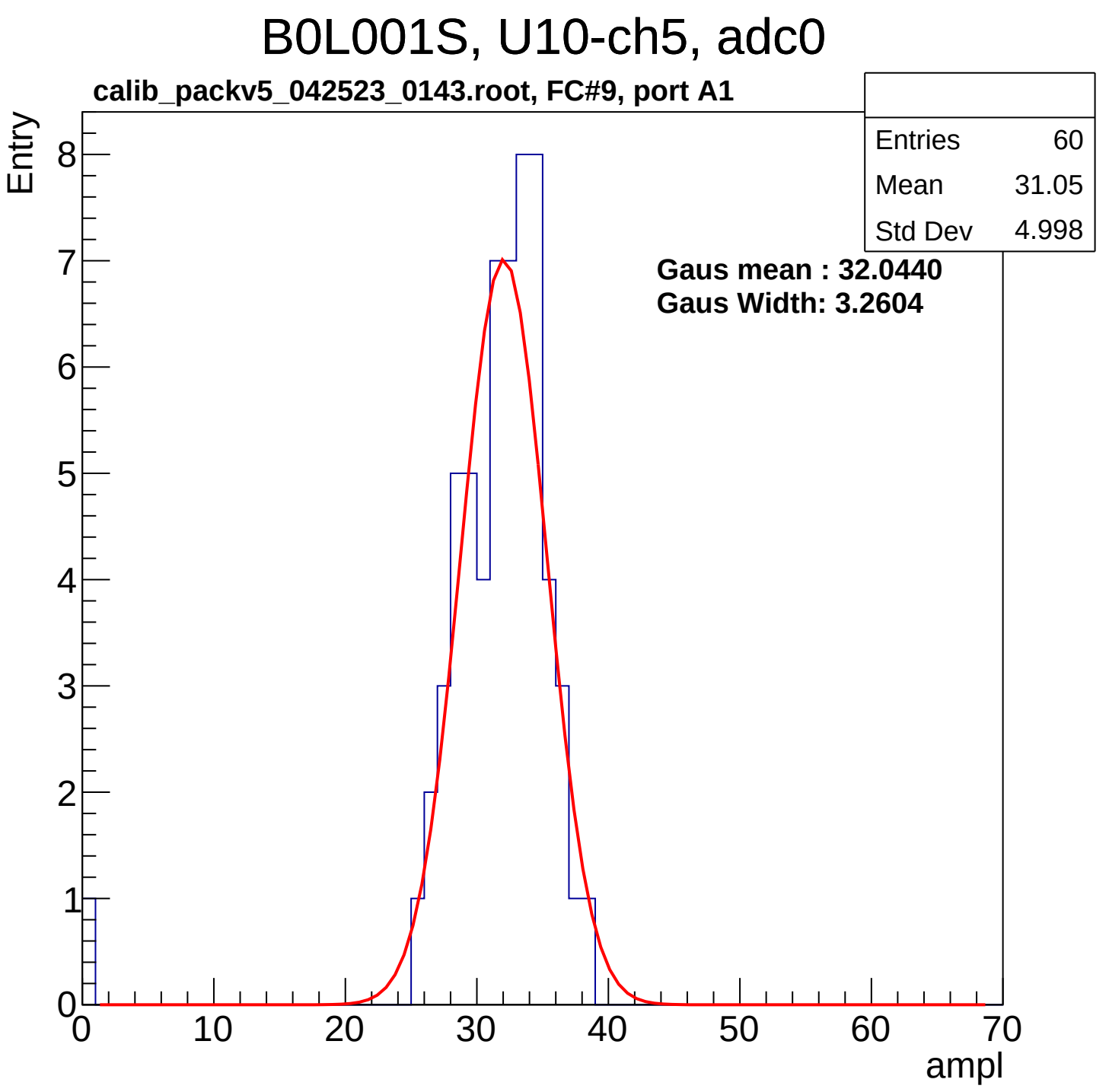
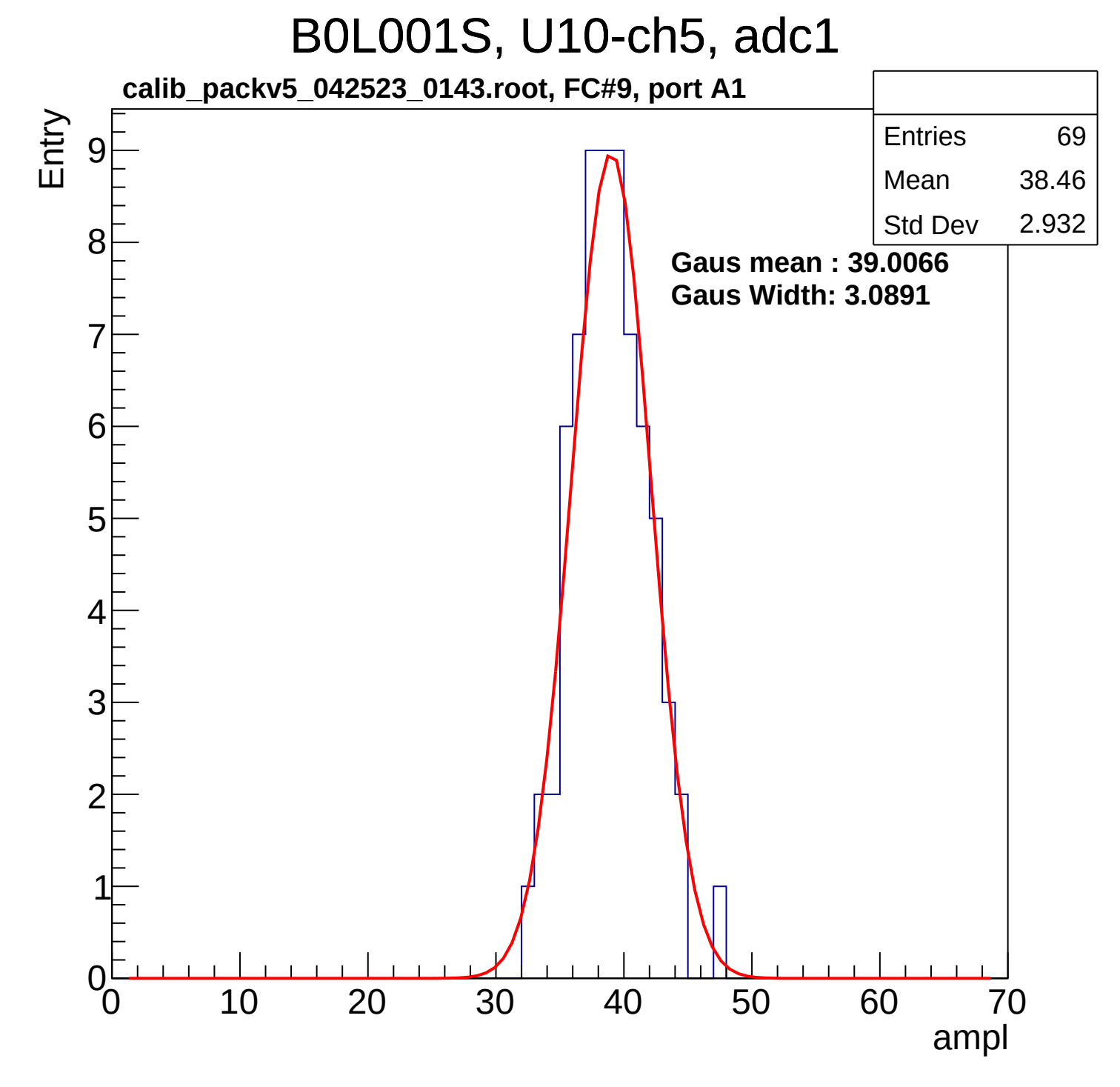

B0L001S, U10-ch4, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 56.63
Std Dev 8.394
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

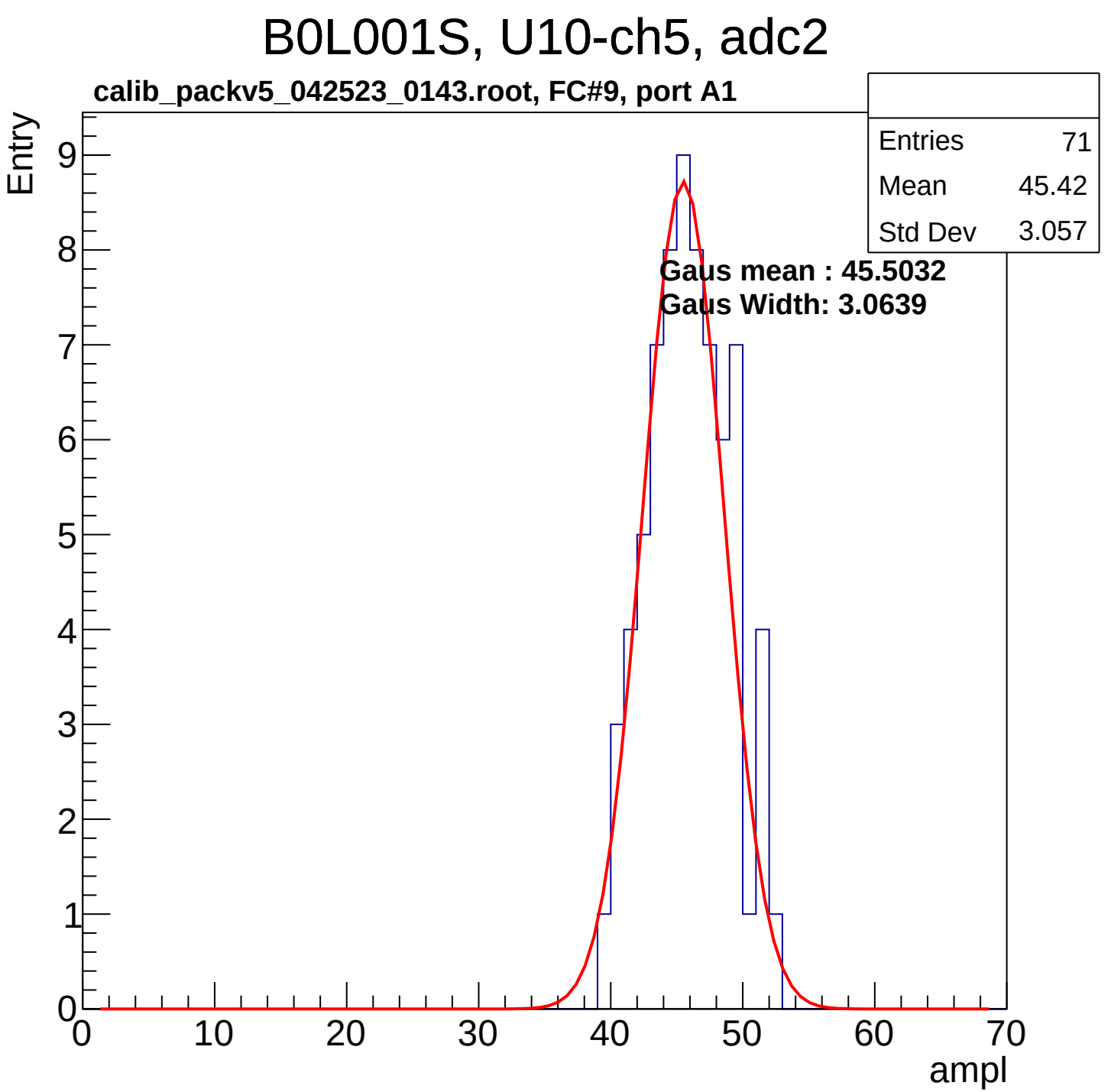

B0L001S, U10-ch4, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 61.28
Std Dev 1.529
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch4, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch4, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch5, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 31.05
Std Dev 4.998
Gaus mean : 32.0440
Gaus Width: 3.2604
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch5, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 38.46
Std Dev 2.932
Gaus mean : 39.0066
Gaus Width: 3.0891
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch5, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 45.42
Std Dev 3.057
Gaus mean : 45.5032
Gaus Width: 3.0639
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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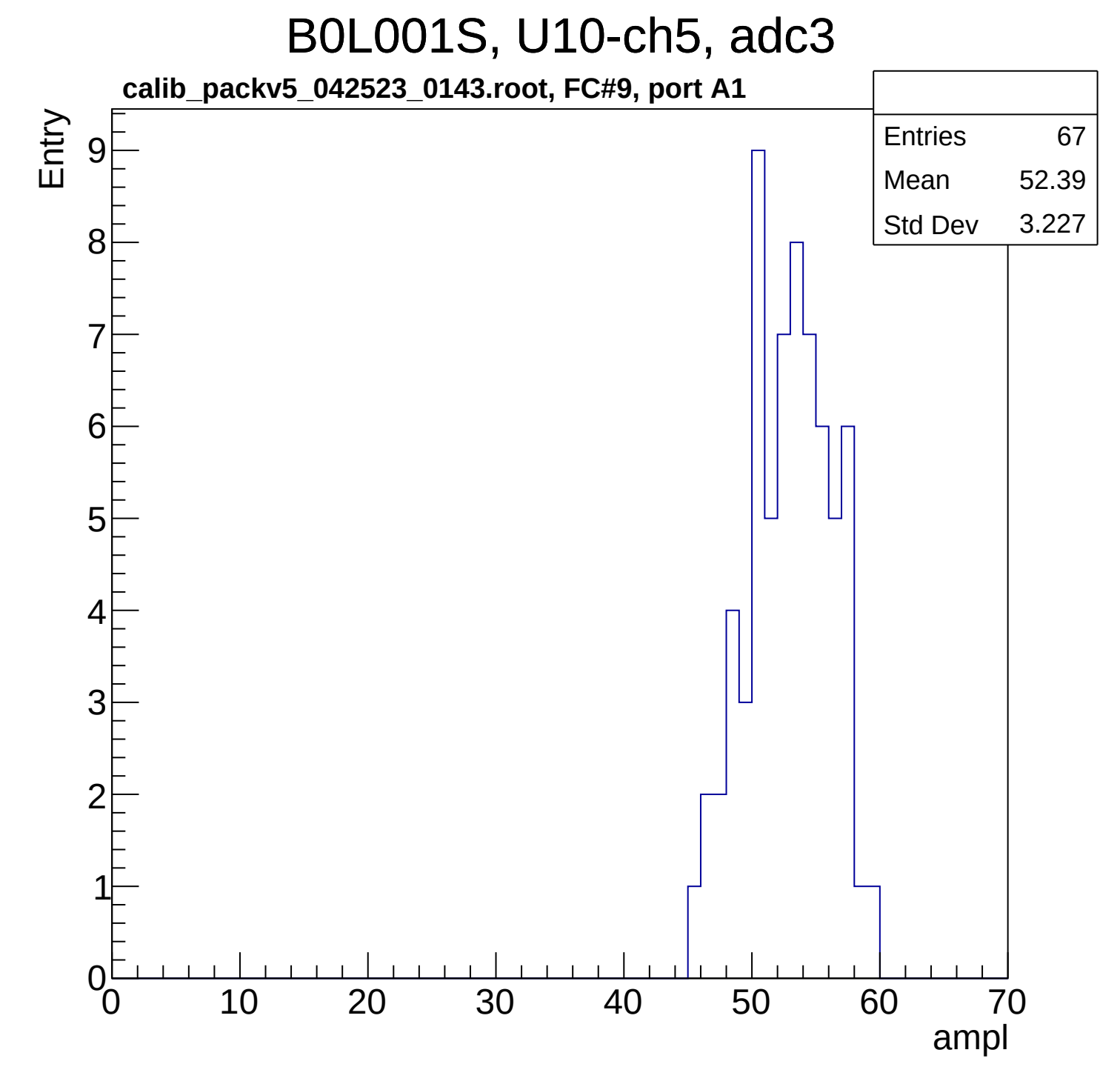
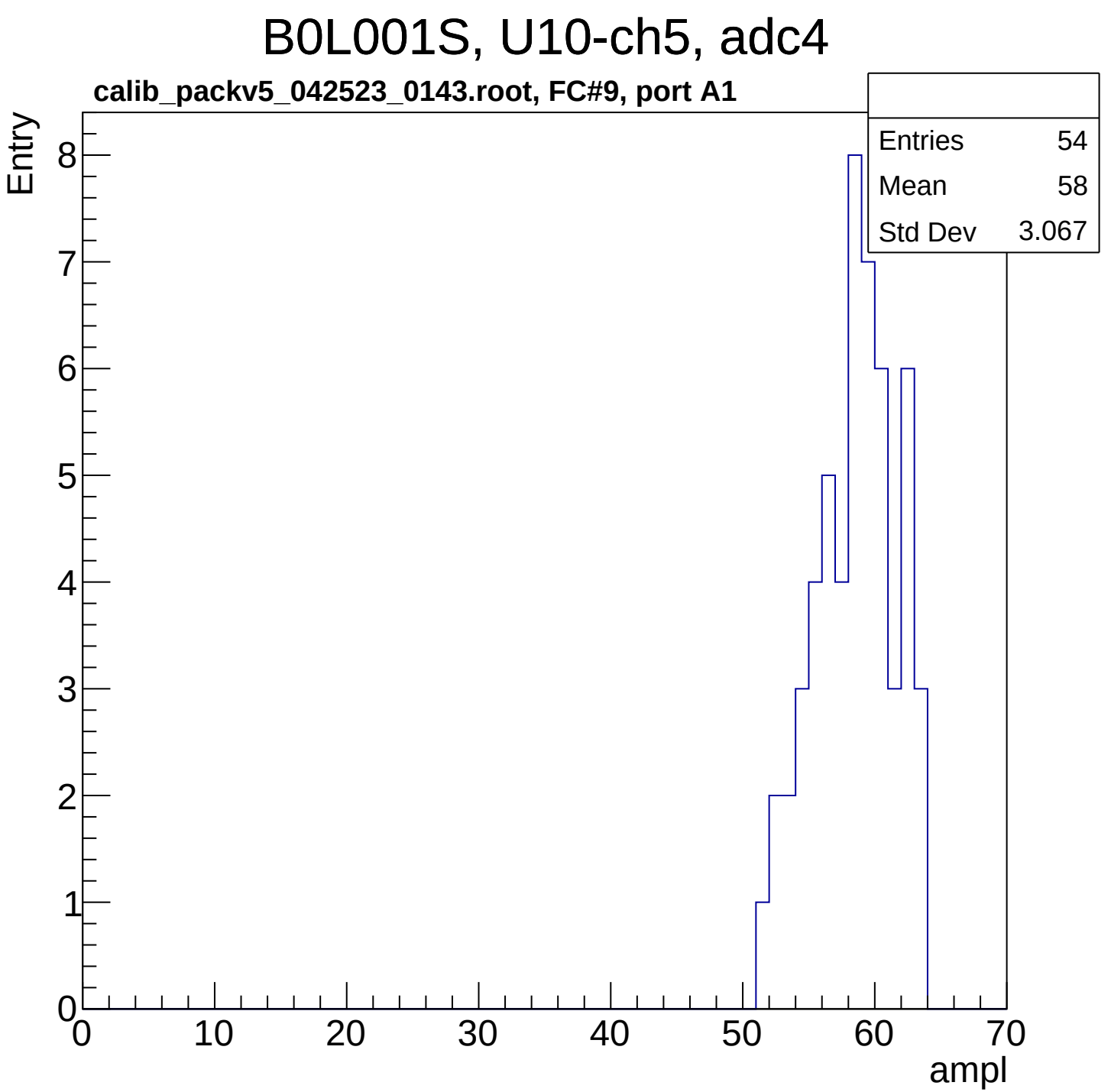
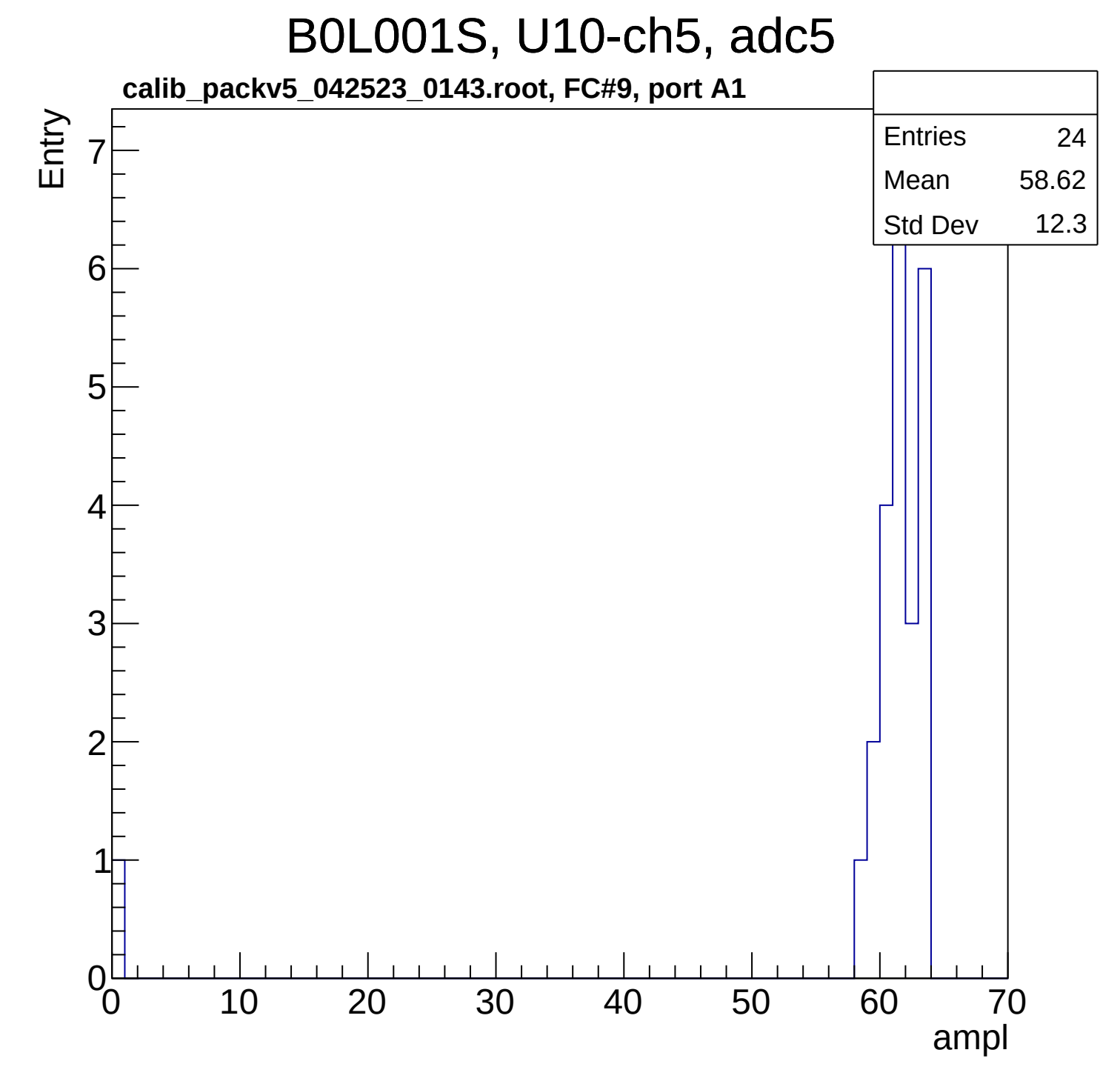
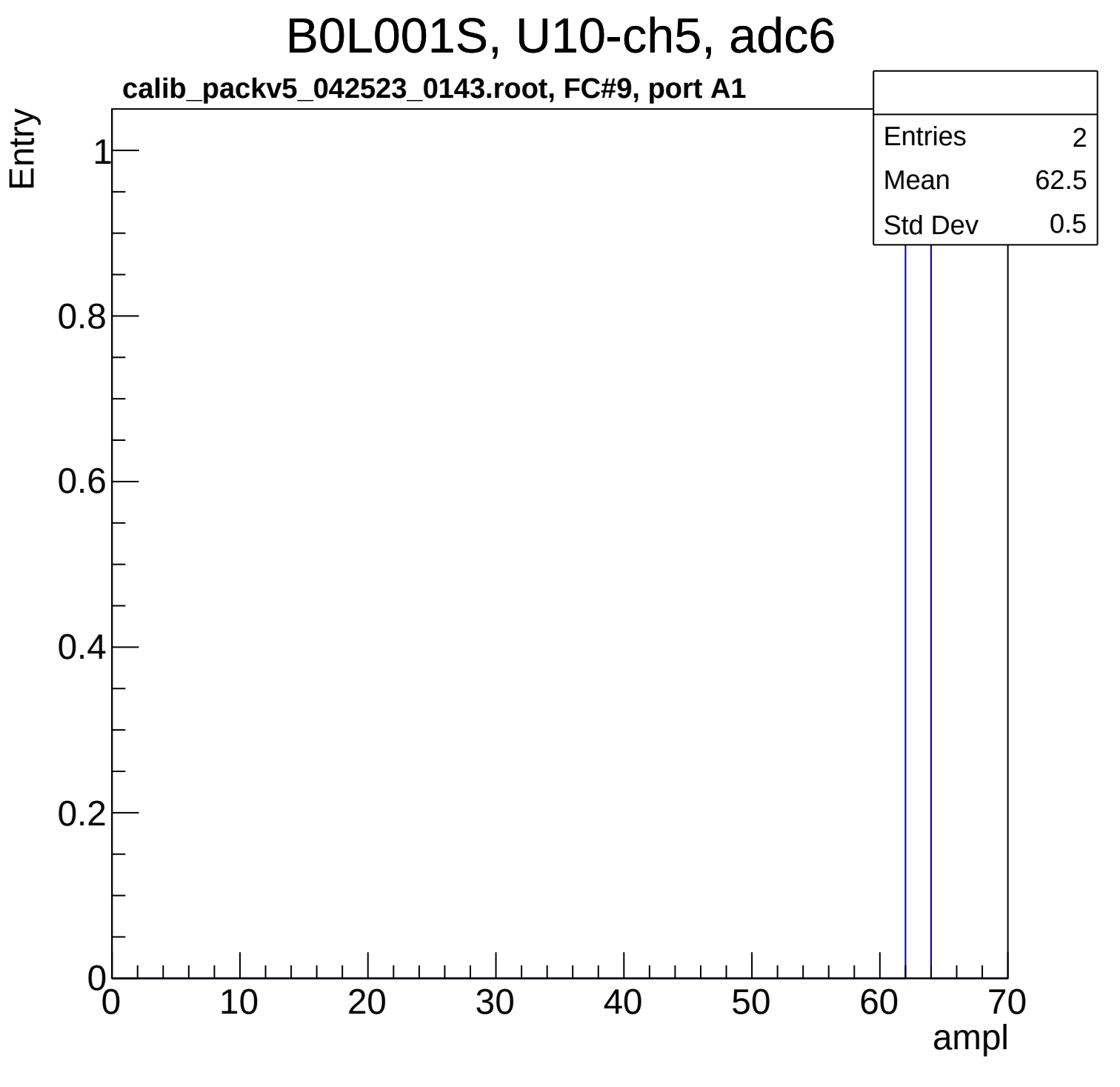
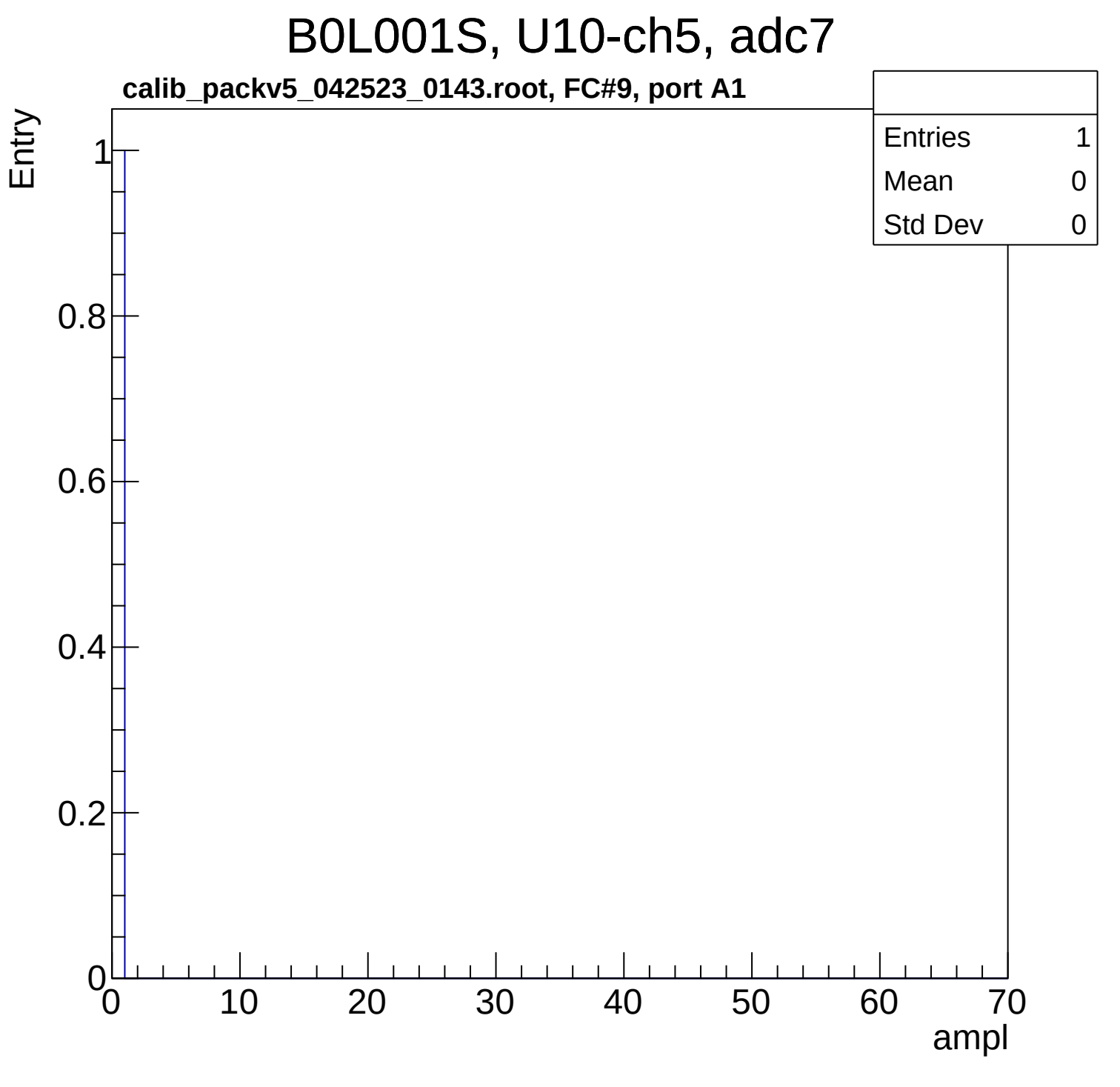
40
50
60
70

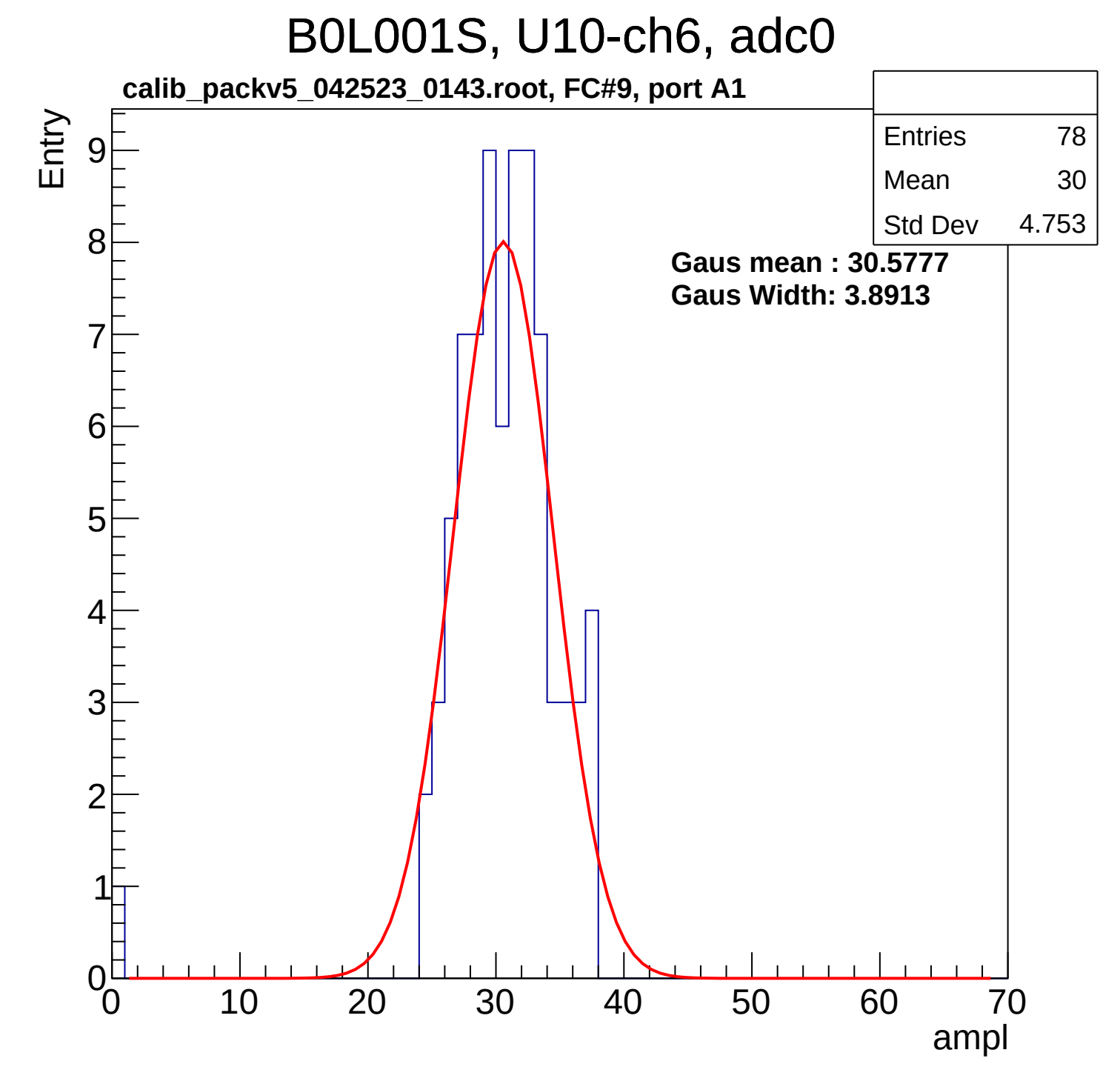

B0L001S, U10-ch5, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 52.39
Std Dev 3.227
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

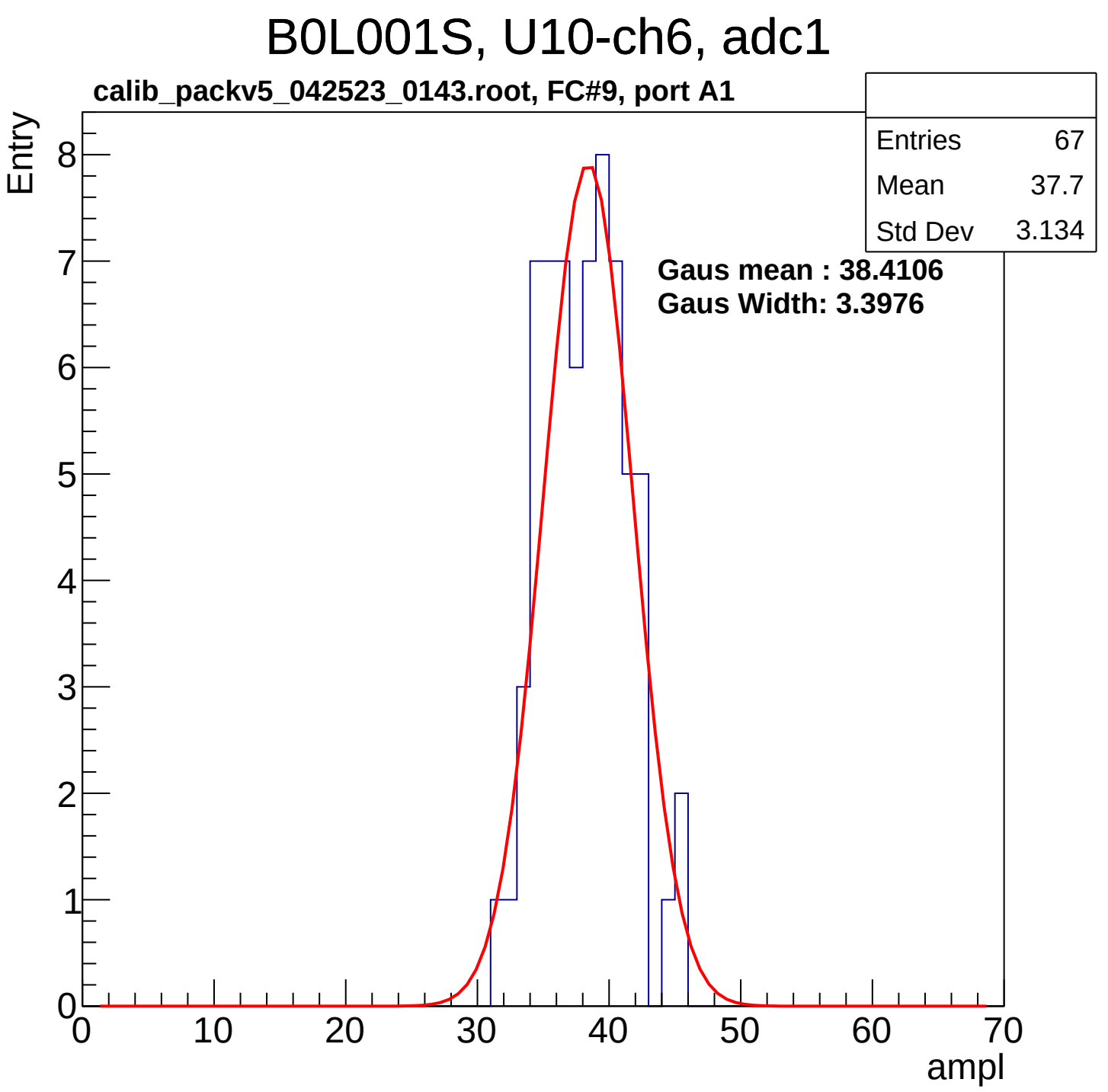

B0L001S, U10-ch5, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 58
Std Dev 3.067
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

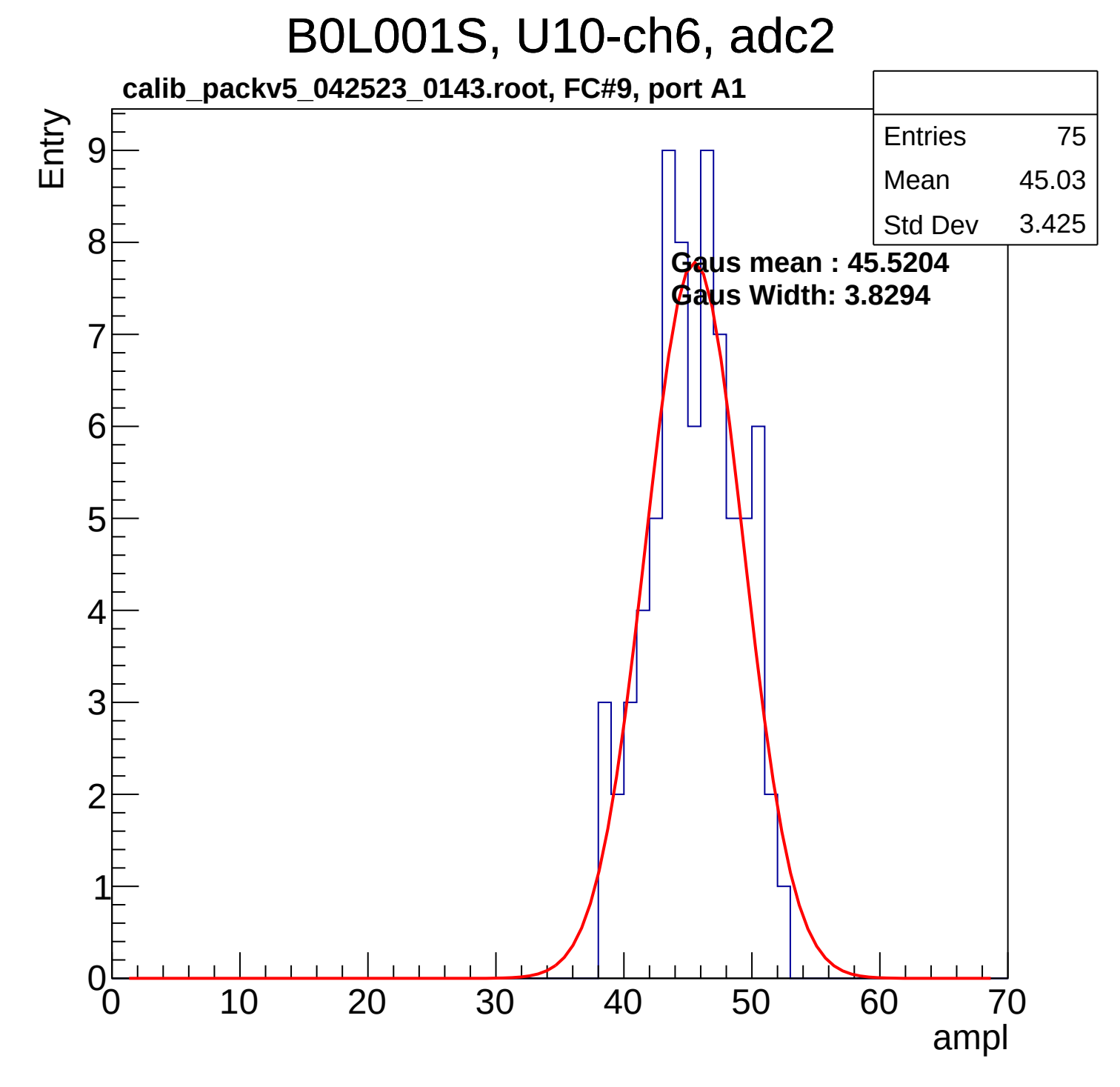

B0L001S, U10-ch5, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 58.62
Std Dev 12.3
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

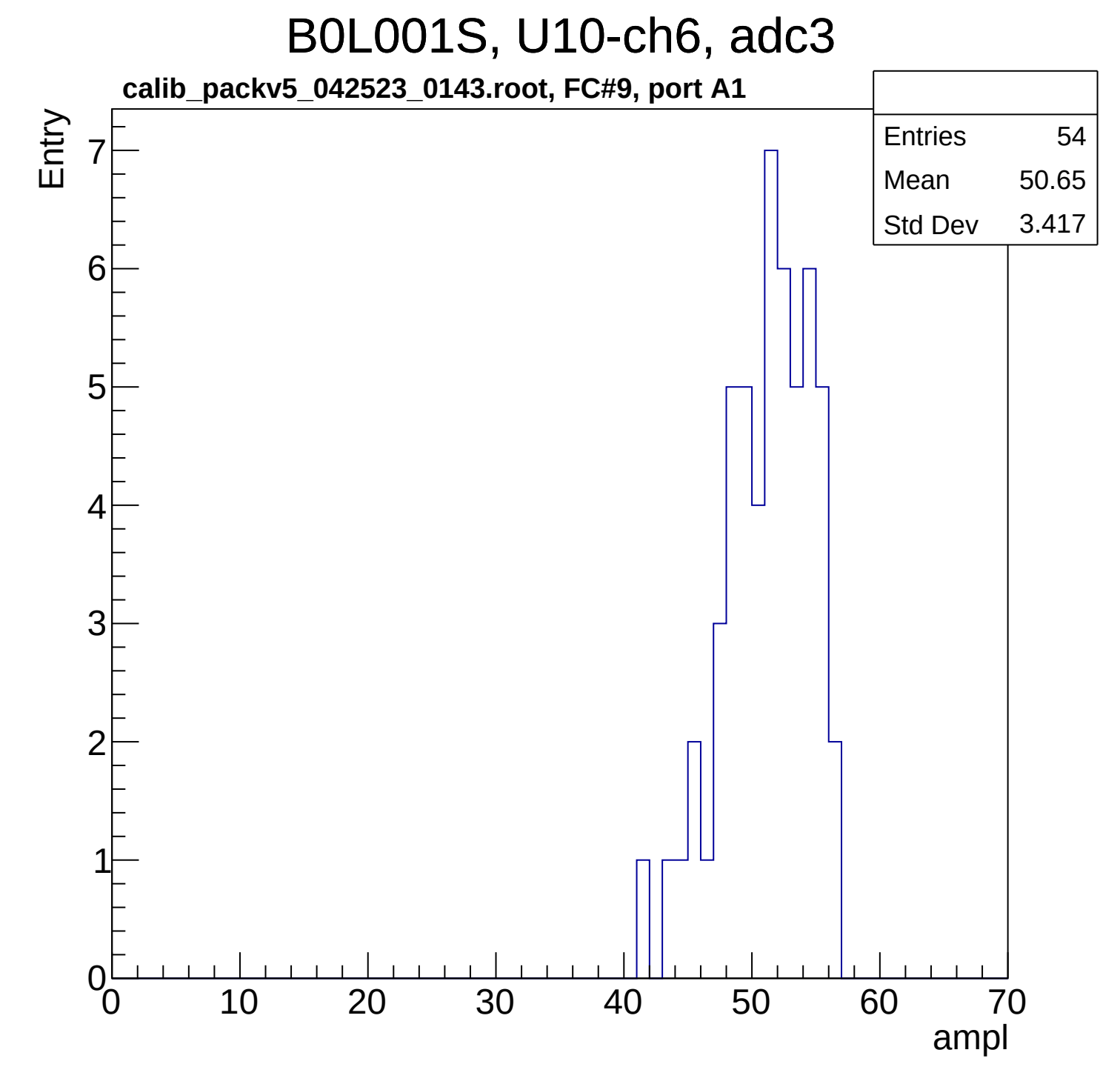

B0L001S, U10-ch5, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

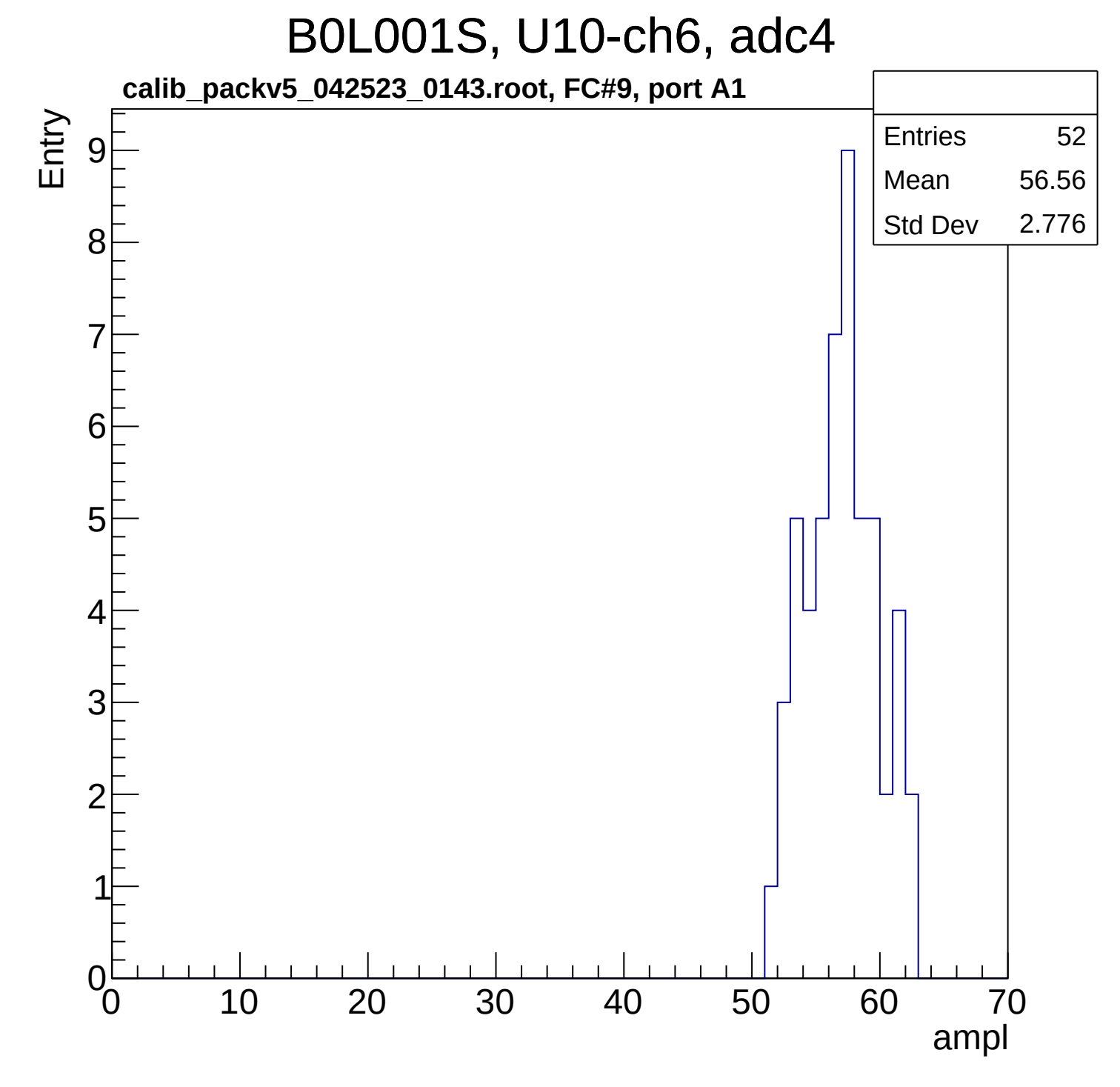

B0L001S, U10-ch5, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

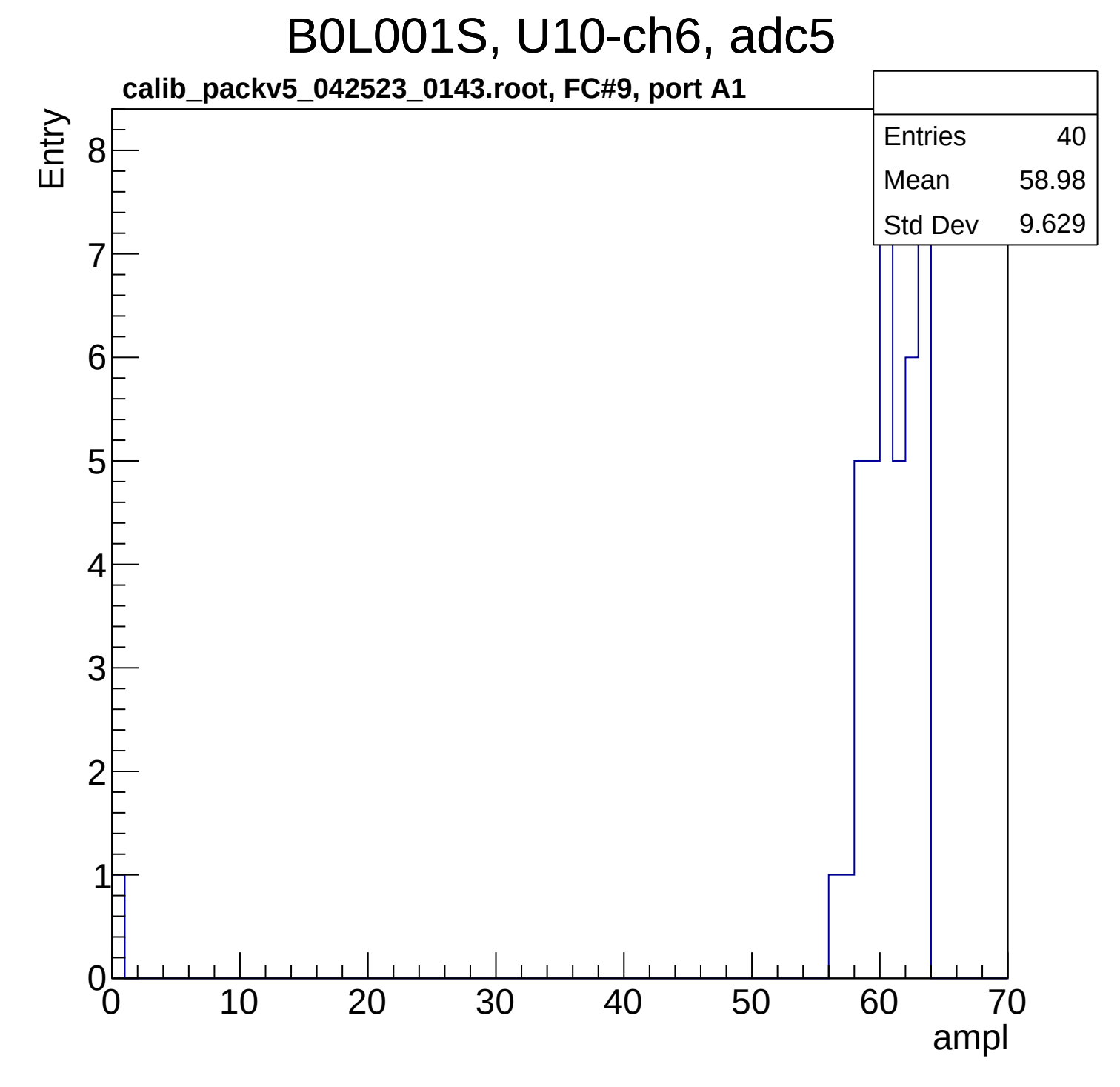

B0L001S, U10-ch6, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 30
Std Dev 4.753
Gaus mean : 30.5777
Gaus Width: 3.8913
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch6, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.7
Std Dev 3.134
Gaus mean : 38.4106
Gaus Width: 3.3976
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch6, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 45.03
Std Dev 3.425
Gaus mean : 45.5204
Gaus Width: 3.8294
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch6, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 50.65
Std Dev 3.417
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch6, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 56.56
Std Dev 2.776
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch6, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 58.98
Std Dev 9.629
Entry
ampl
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1
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3
4
5
6
7
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0
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20
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40
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60
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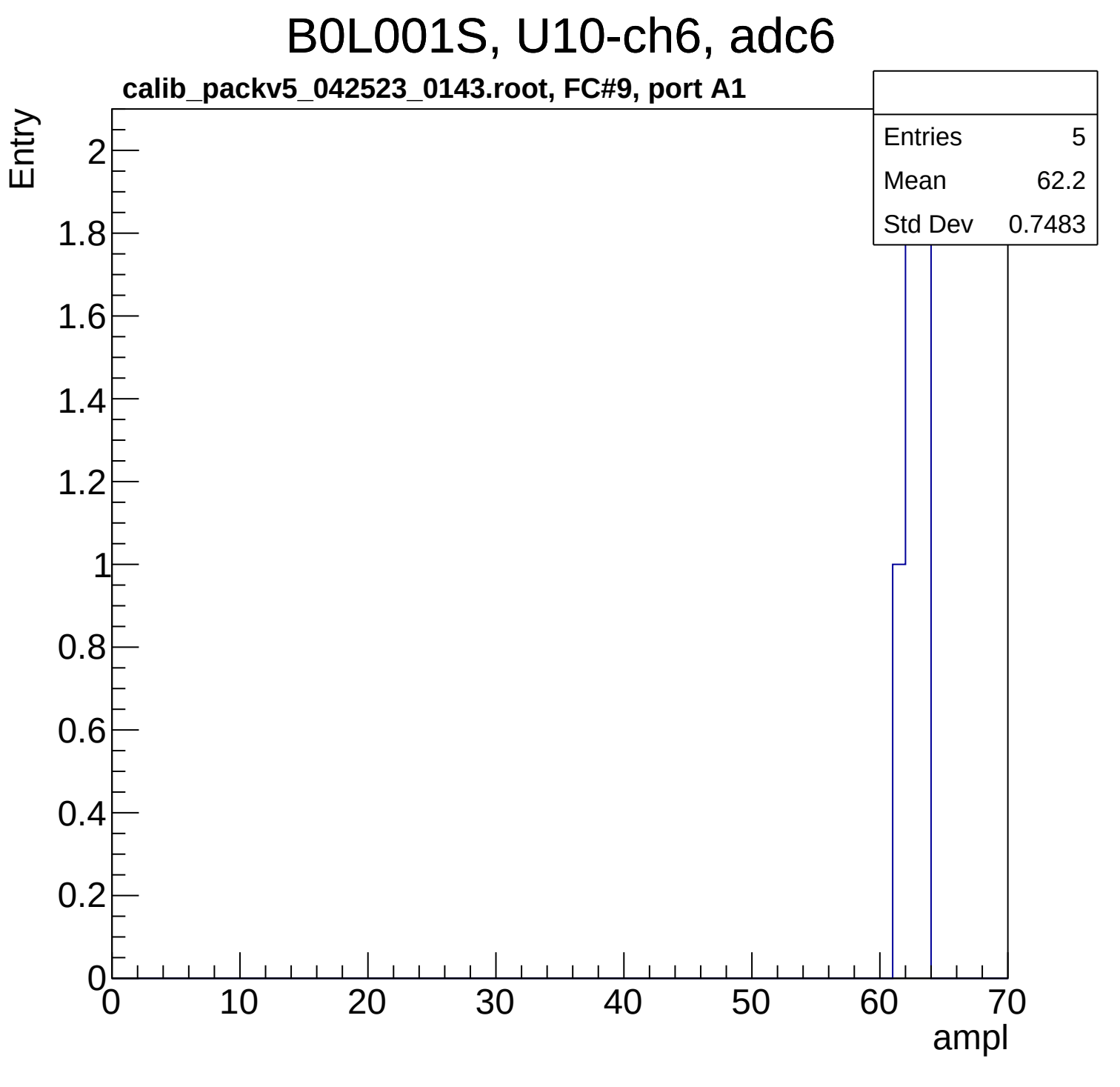
B0L001S, U10-ch6, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
50
60
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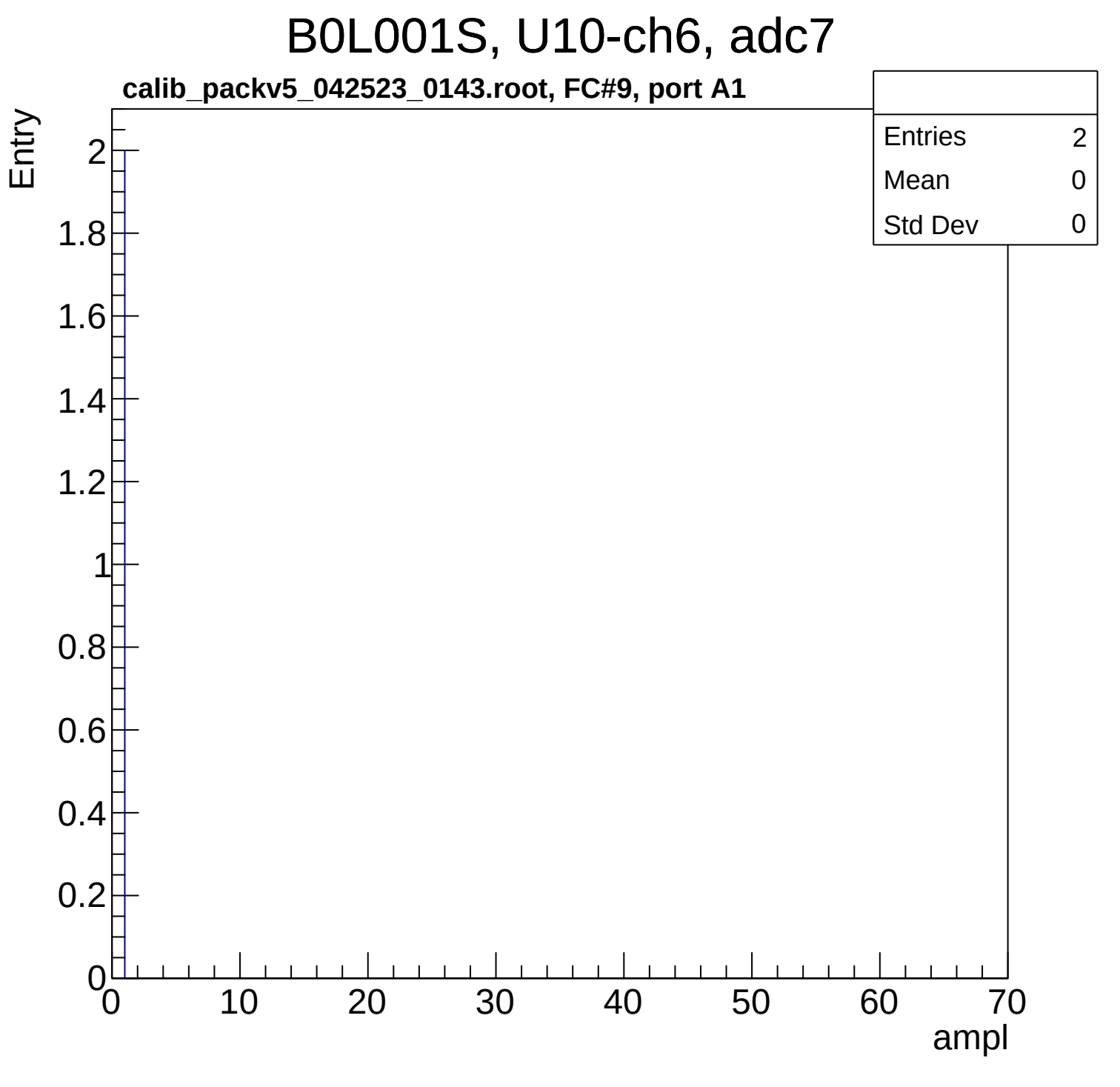
B0L001S, U10-ch6, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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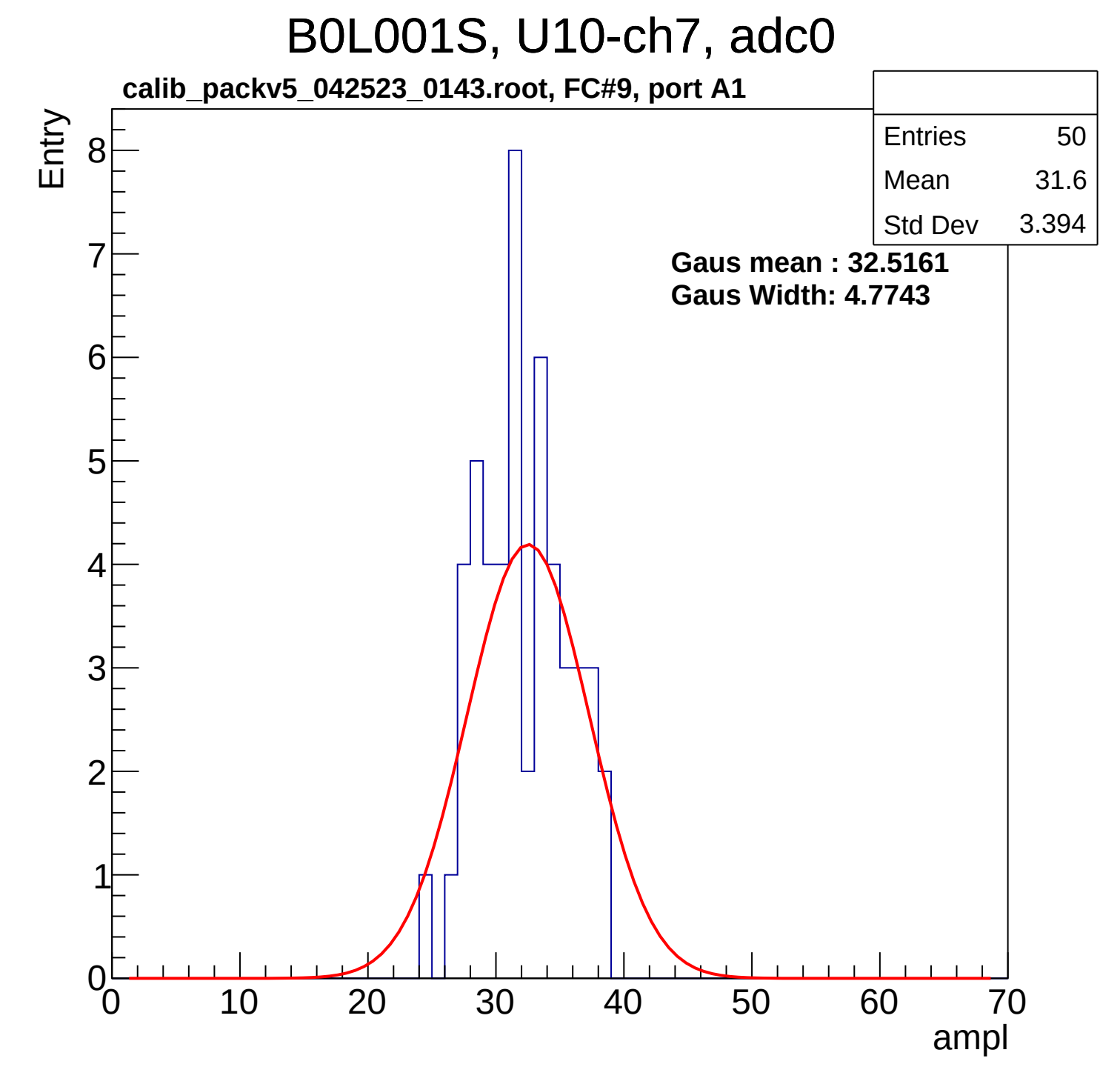
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch7, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 31.6
Std Dev 3.394
Gaus mean : 32.5161
Gaus Width: 4.7743
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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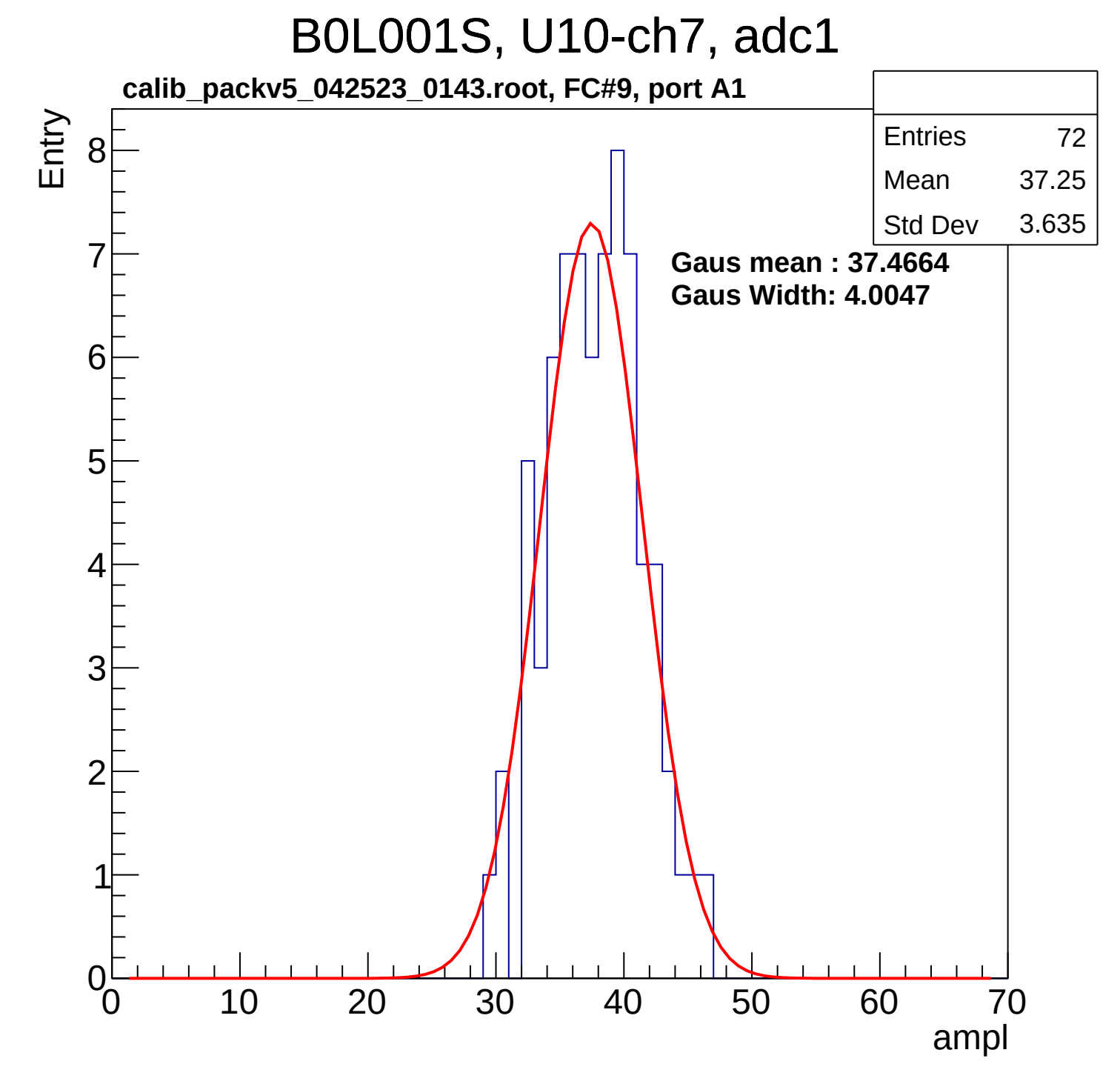
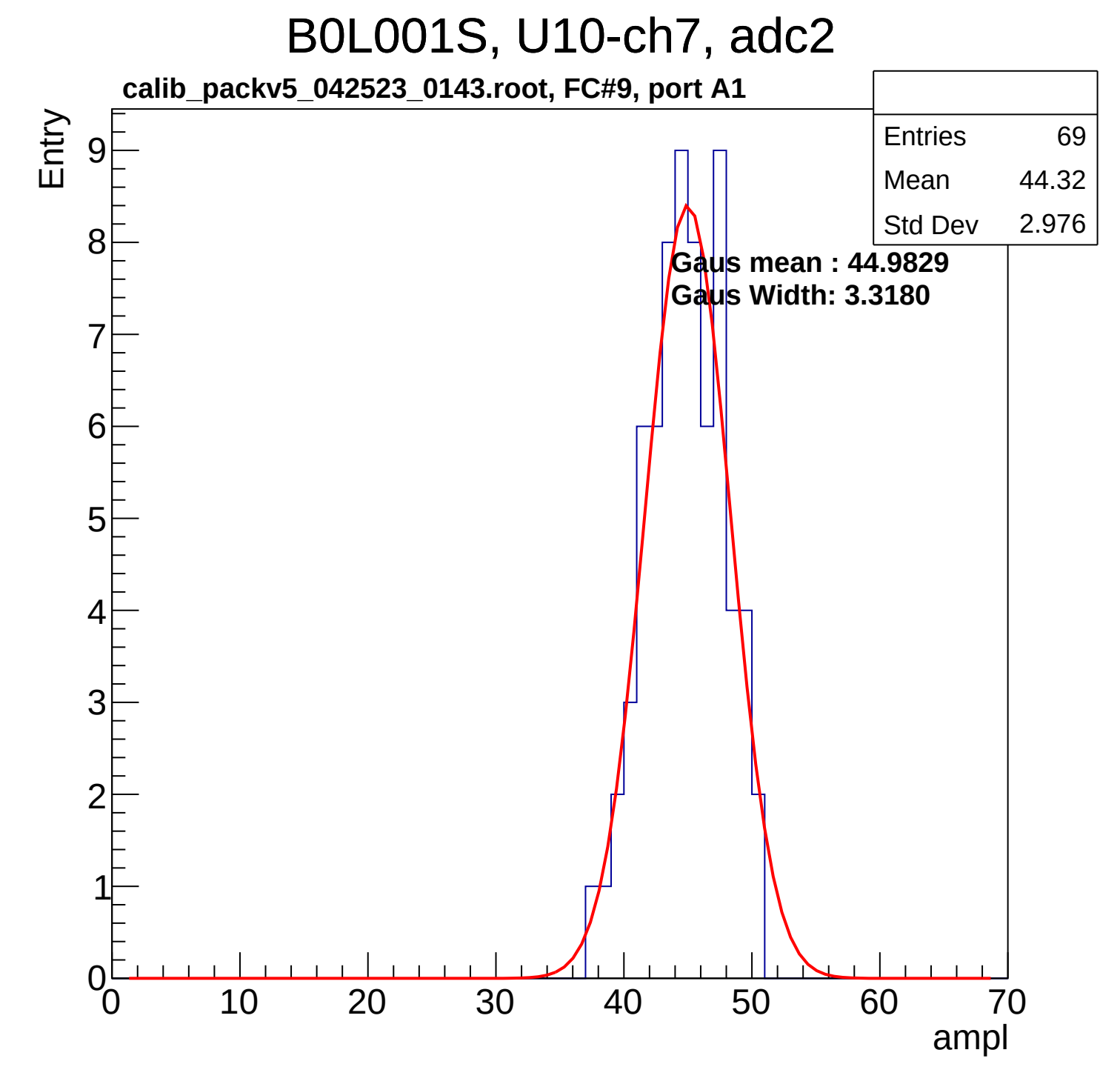
20
30
40
50
60
70


B0L001S, U10-ch7, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 37.25
Std Dev 3.635
Gaus mean : 37.4664
Gaus Width: 4.0047
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch7, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.32
Std Dev 2.976
Gaus mean : 44.9829
Gaus Width: 3.3180
Entry
ampl
0
1
2
3
4
5
6
7
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0
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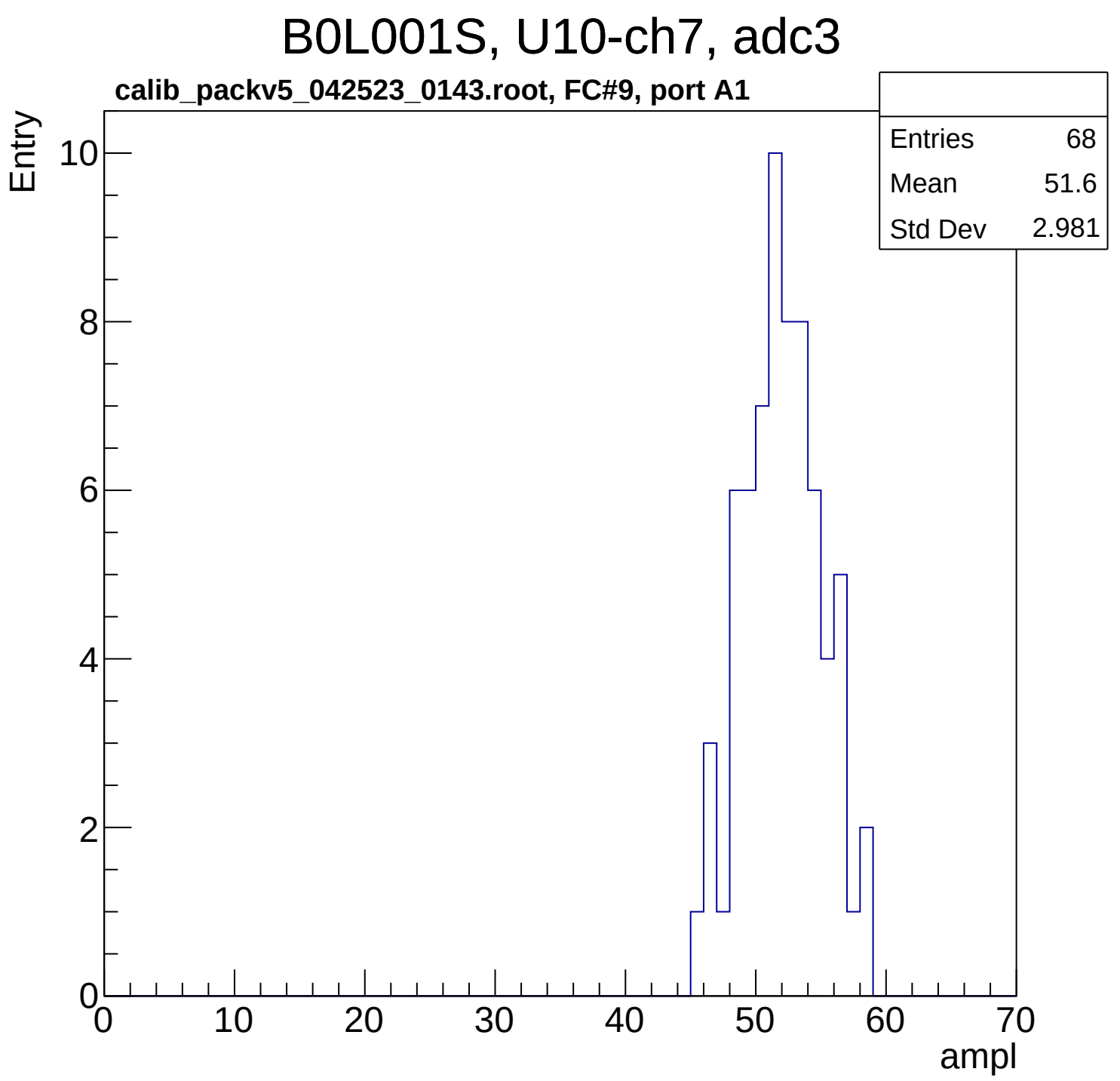
B0L001S, U10-ch7, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 51.6
Std Dev 2.981
Entry
ampl
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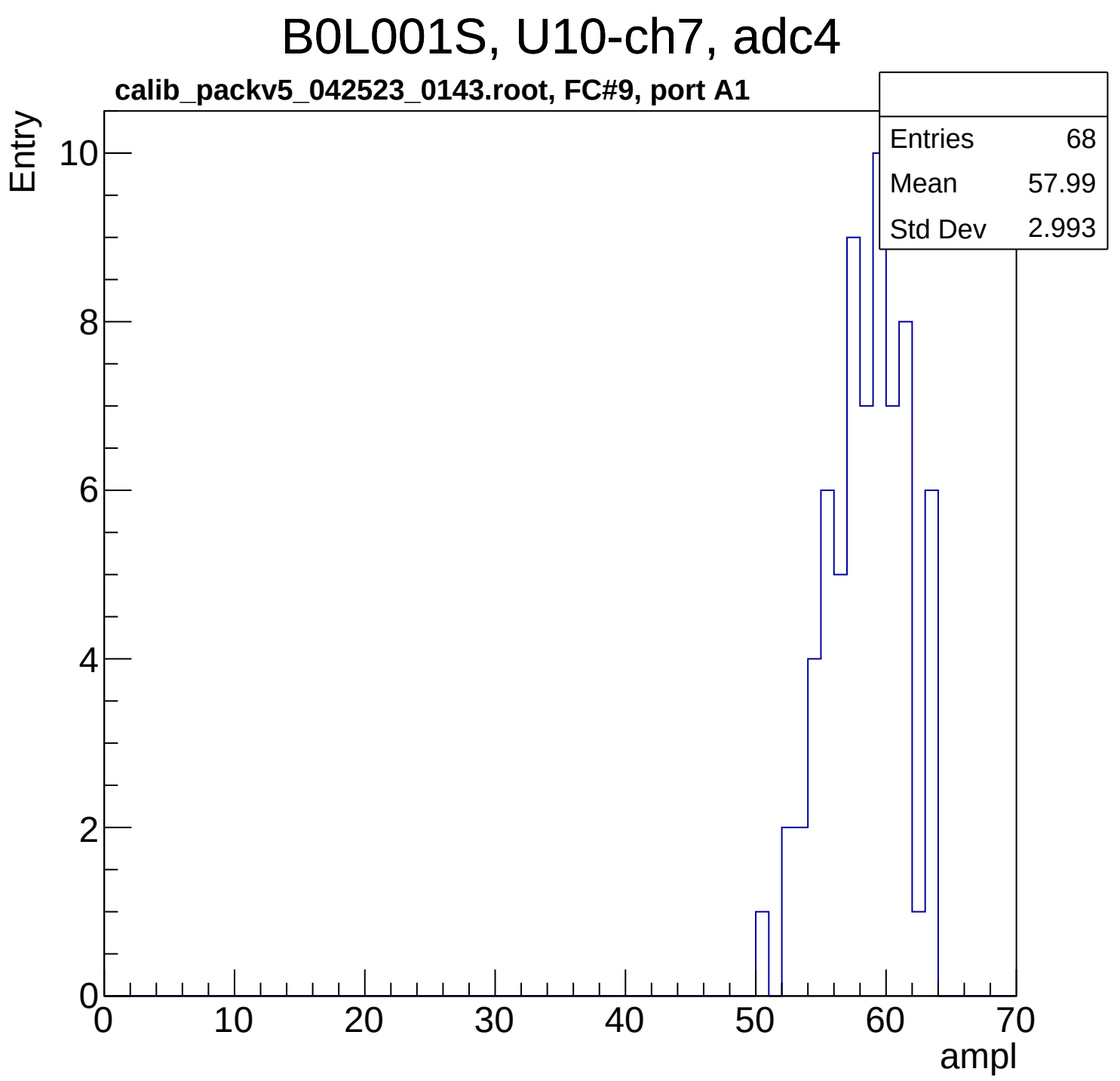
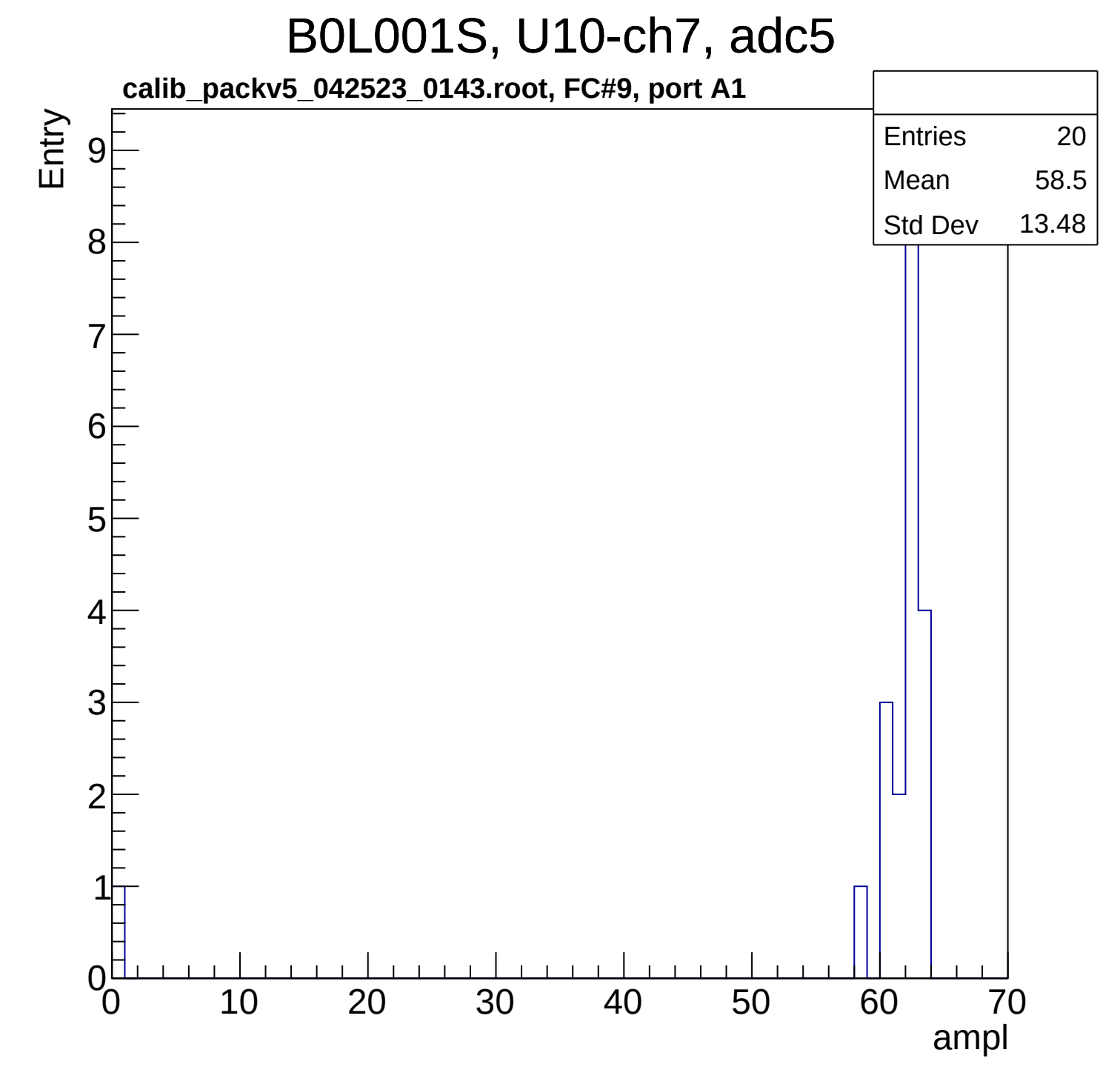
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch7, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 57.99
Std Dev 2.993
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch7, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 20
Mean 58.5
Std Dev 13.48
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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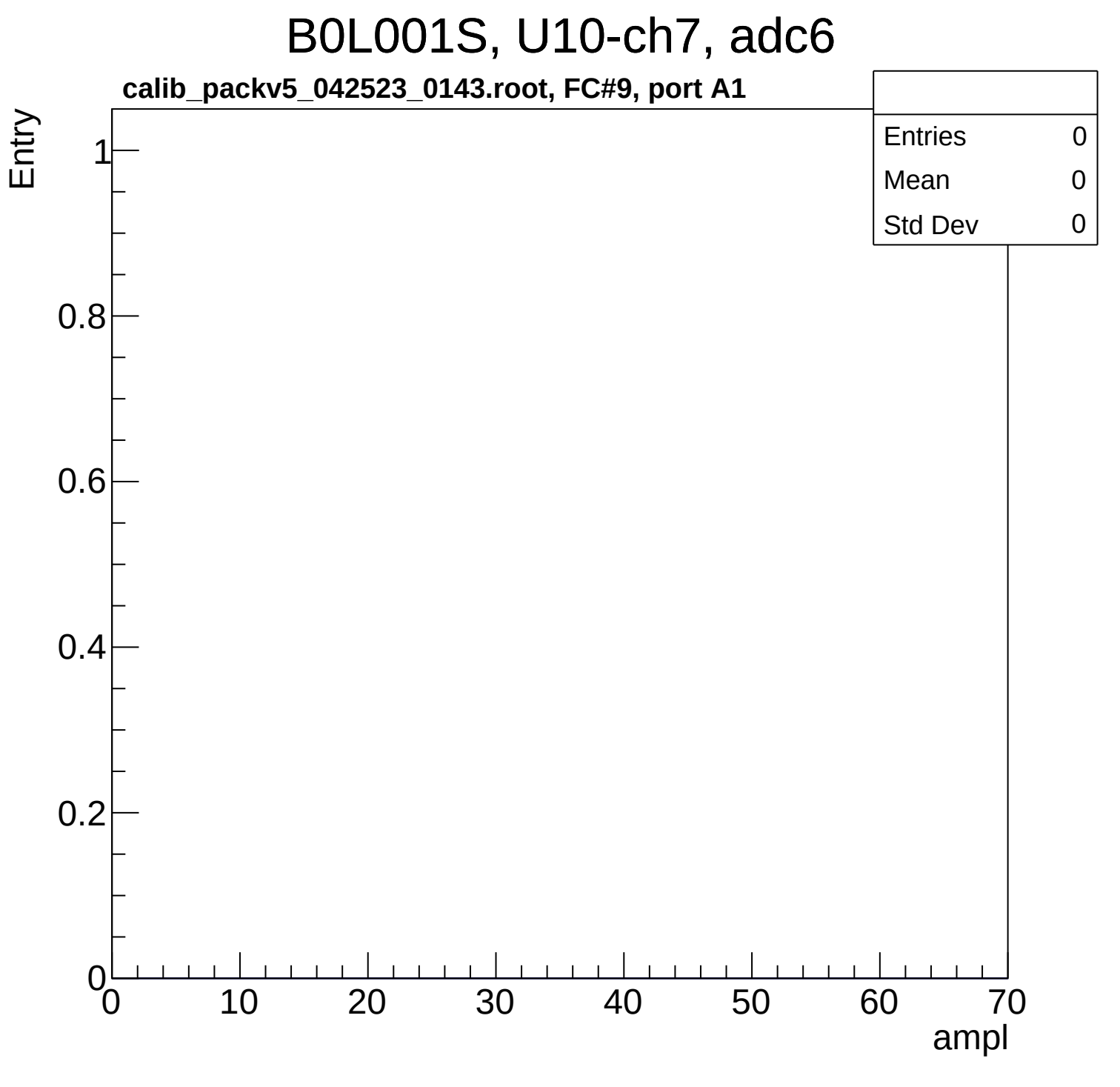
40
50
60
70


B0L001S, U10-ch7, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
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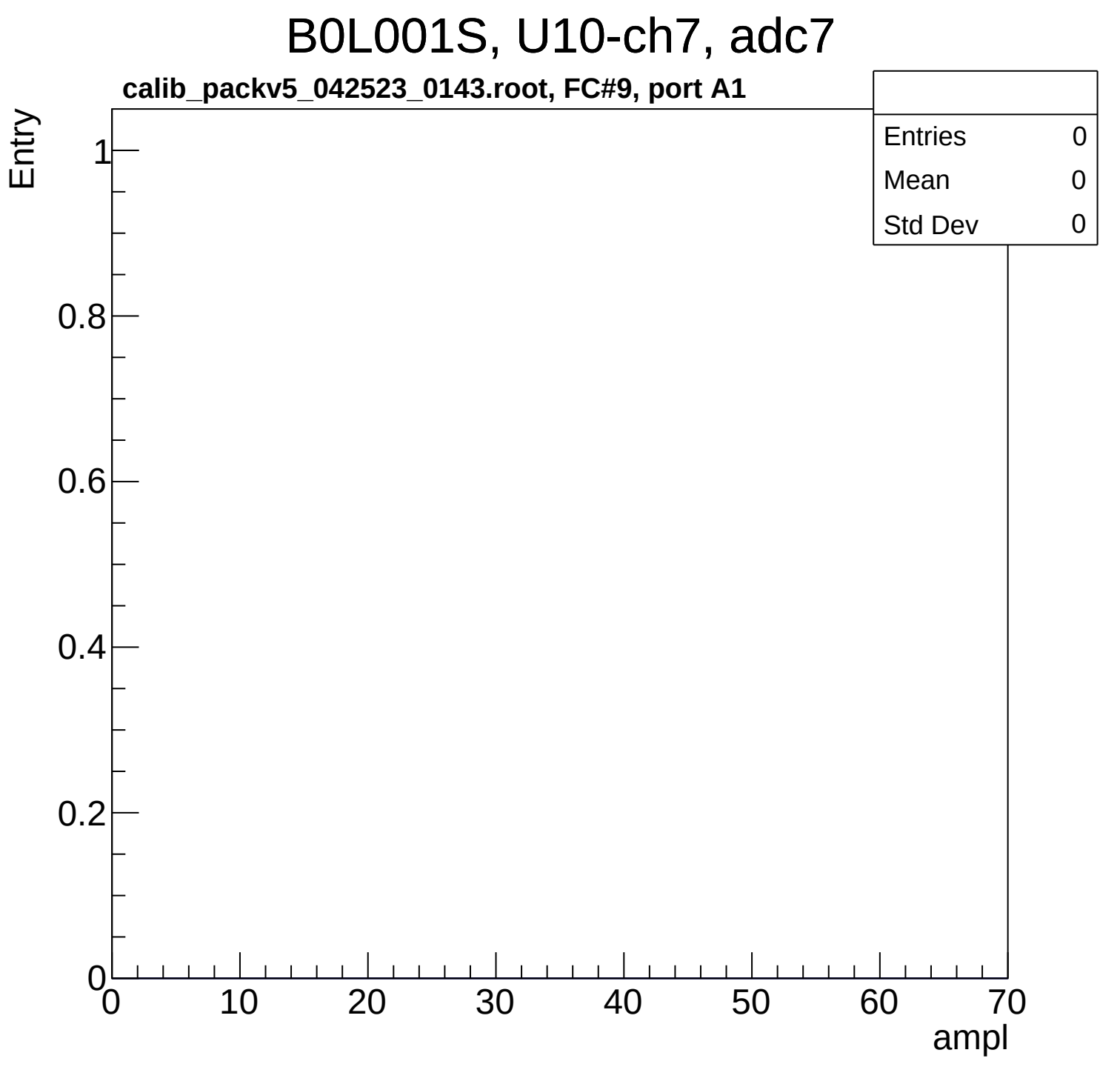
ampl


B0L001S, U10-ch7, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
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10
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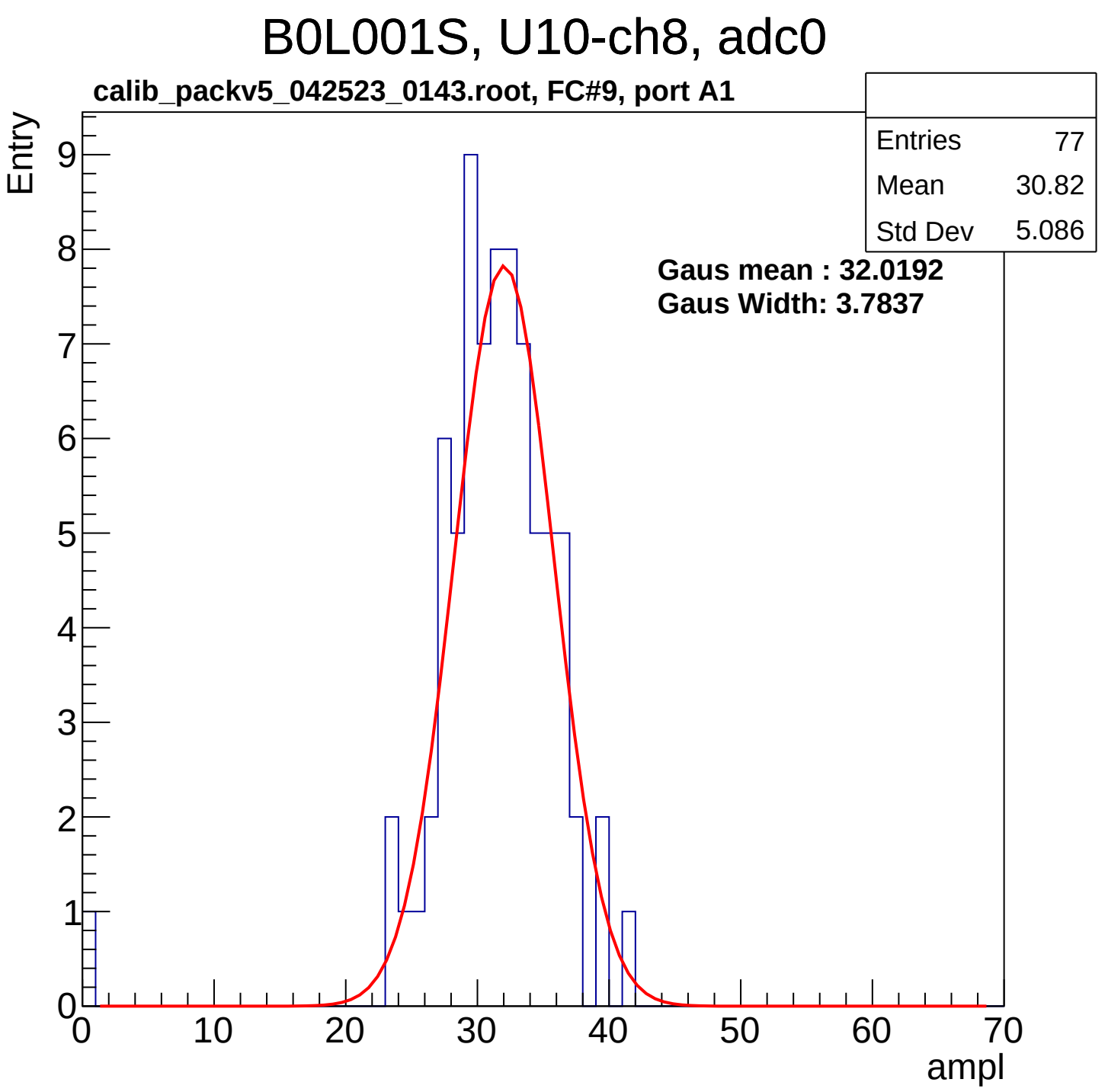
50
60
70
ampl


B0L001S, U10-ch8, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 30.82
Std Dev 5.086
Gaus mean : 32.0192
Gaus Width: 3.7837
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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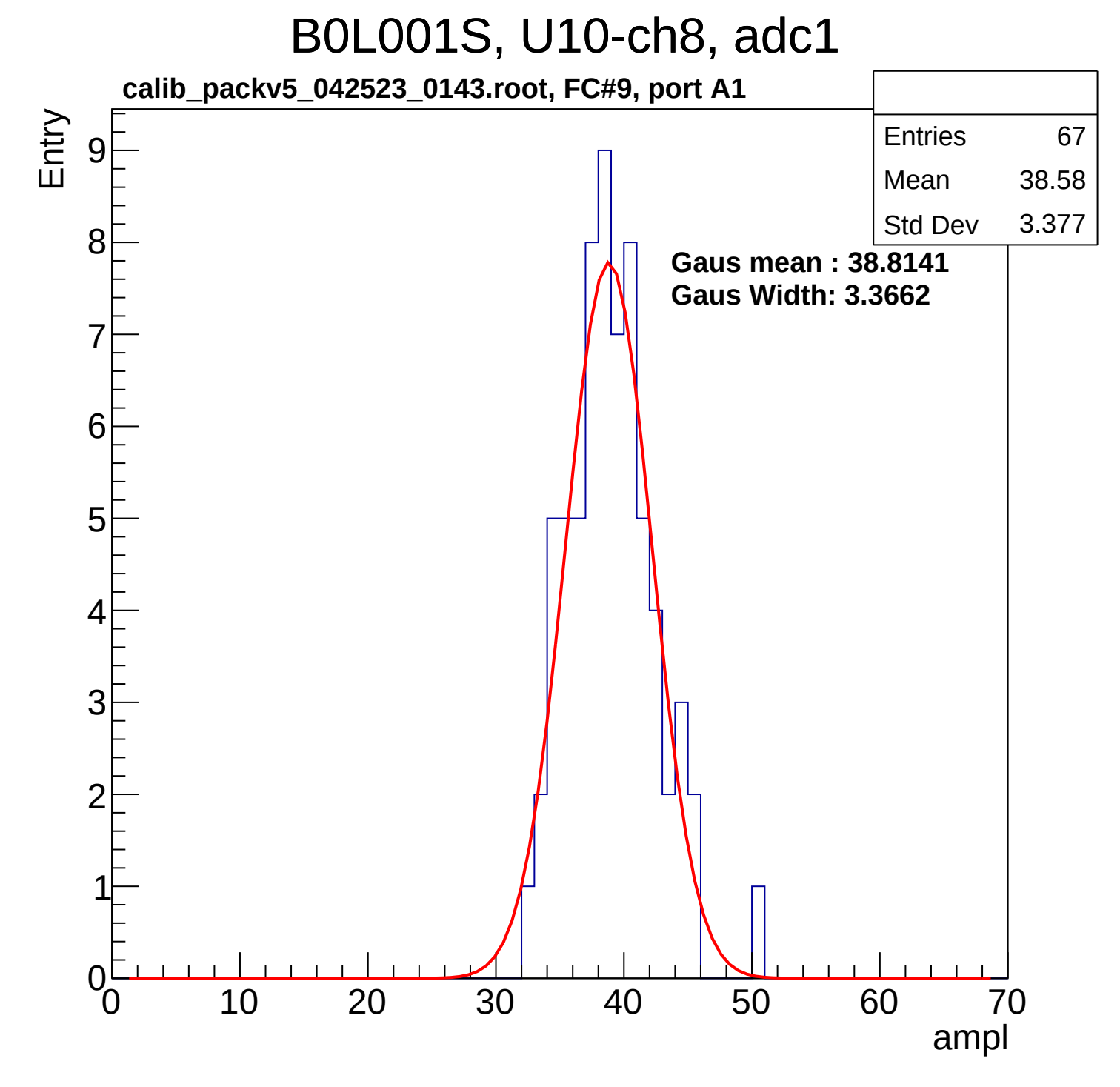
B0L001S, U10-ch8, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 38.58
Std Dev 3.377
Gaus mean : 38.8141
Gaus Width: 3.3662
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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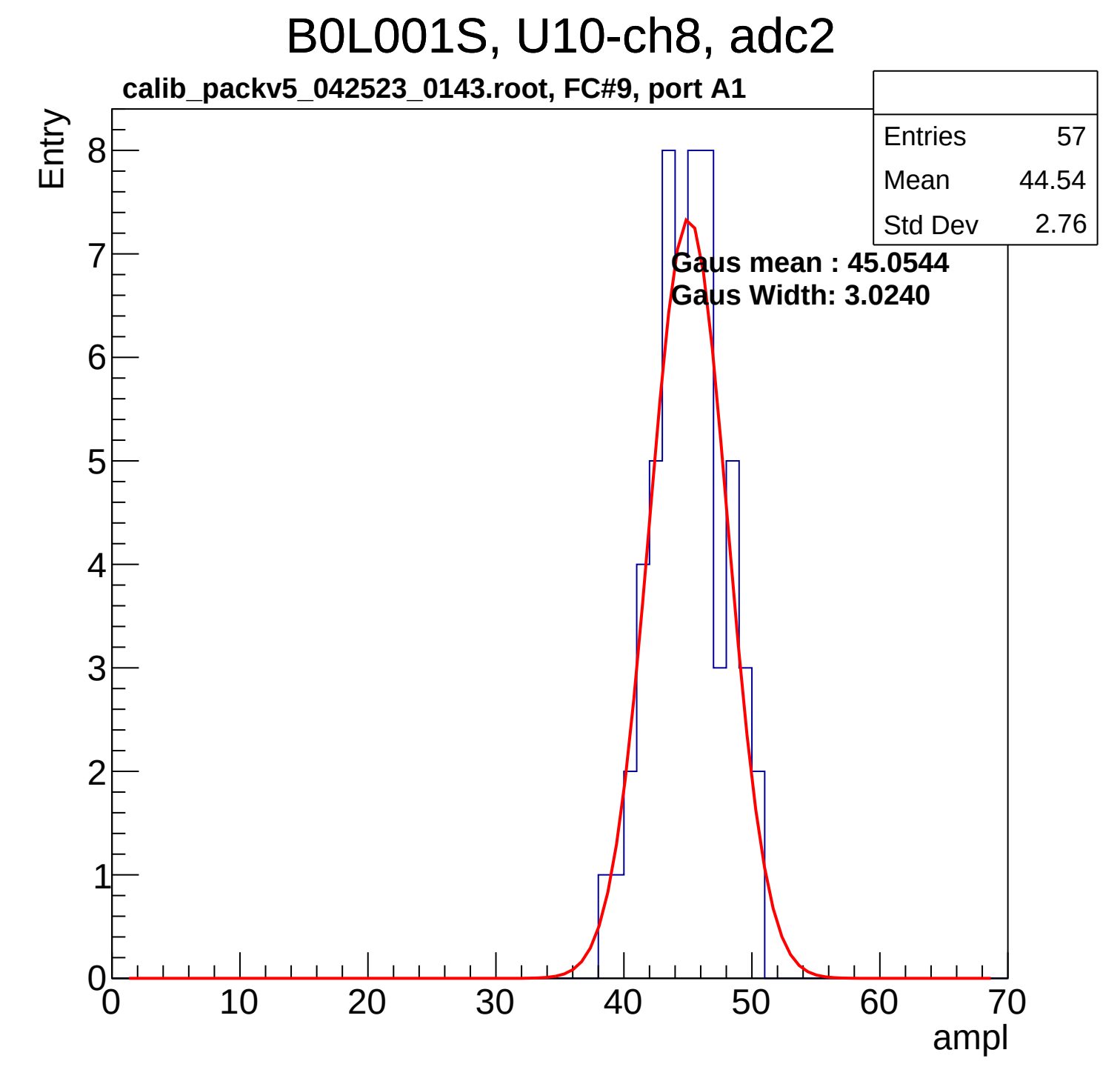
B0L001S, U10-ch8, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 44.54
Std Dev 2.76
Gaus mean : 45.0544
Gaus Width: 3.0240
Entry
ampl
0
1
2
3
4
5
6
7
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0
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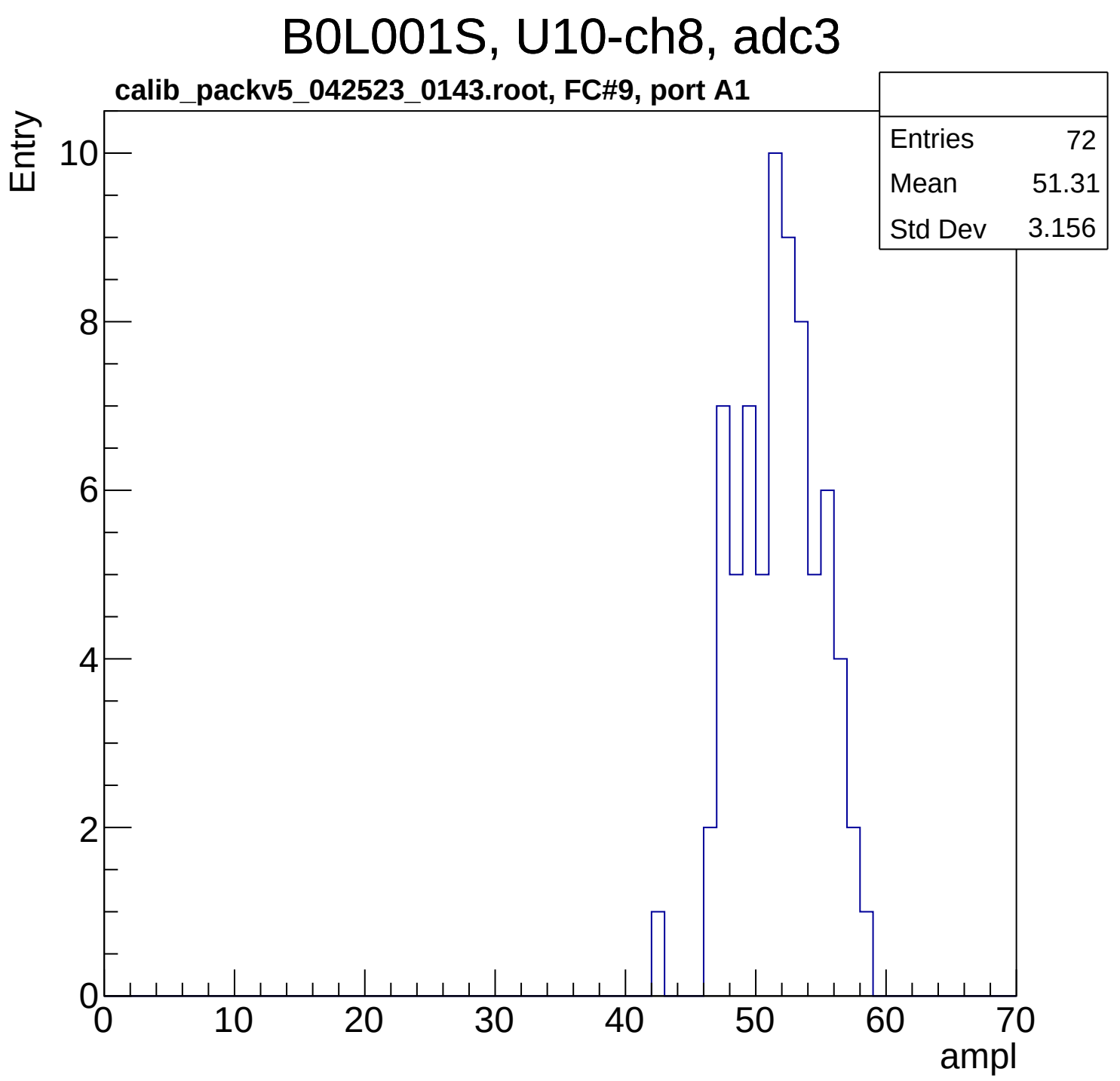
B0L001S, U10-ch8, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 51.31
Std Dev 3.156
Entry
ampl
0
2
4
6
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0
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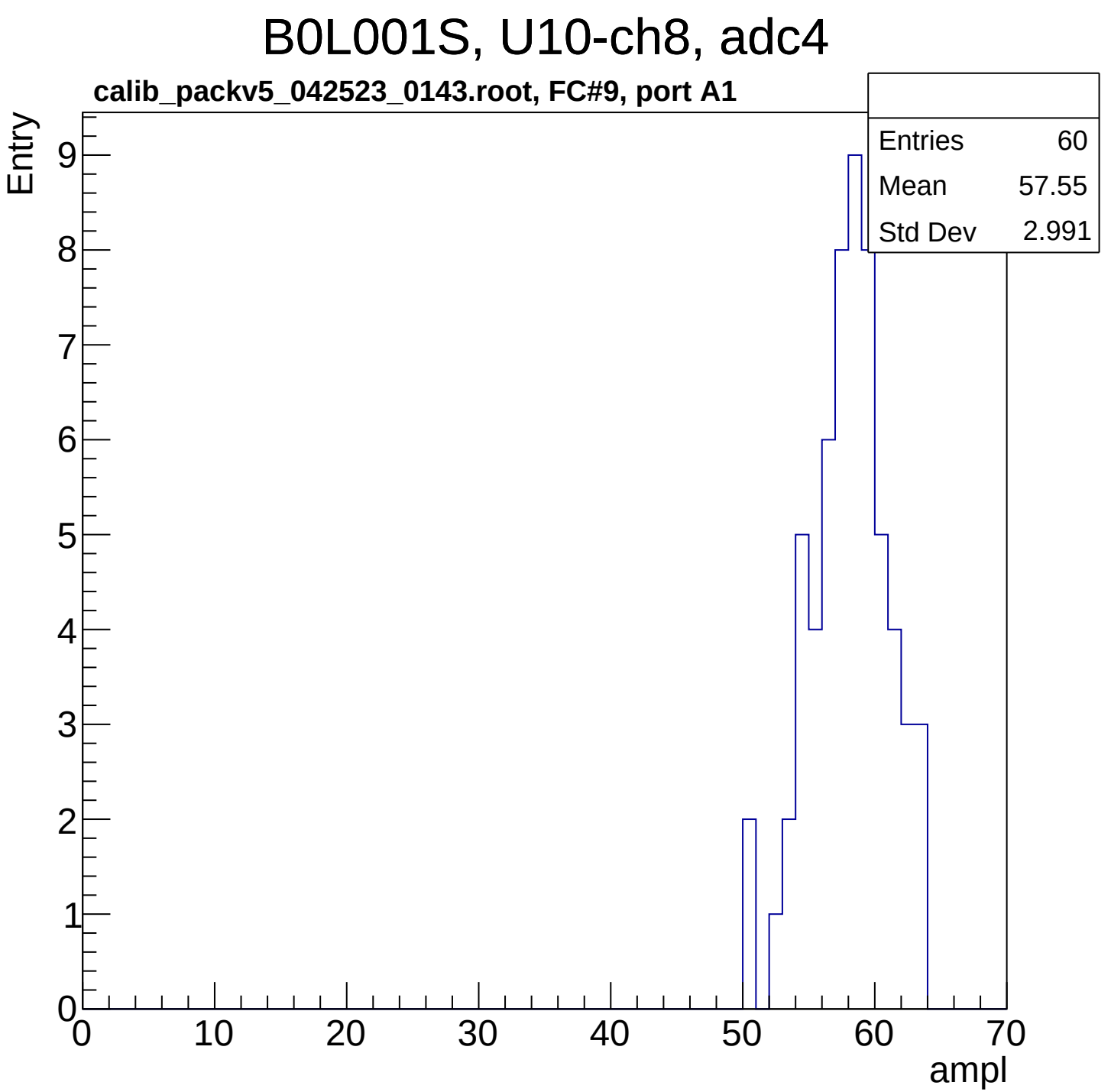
B0L001S, U10-ch8, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 57.55
Std Dev 2.991
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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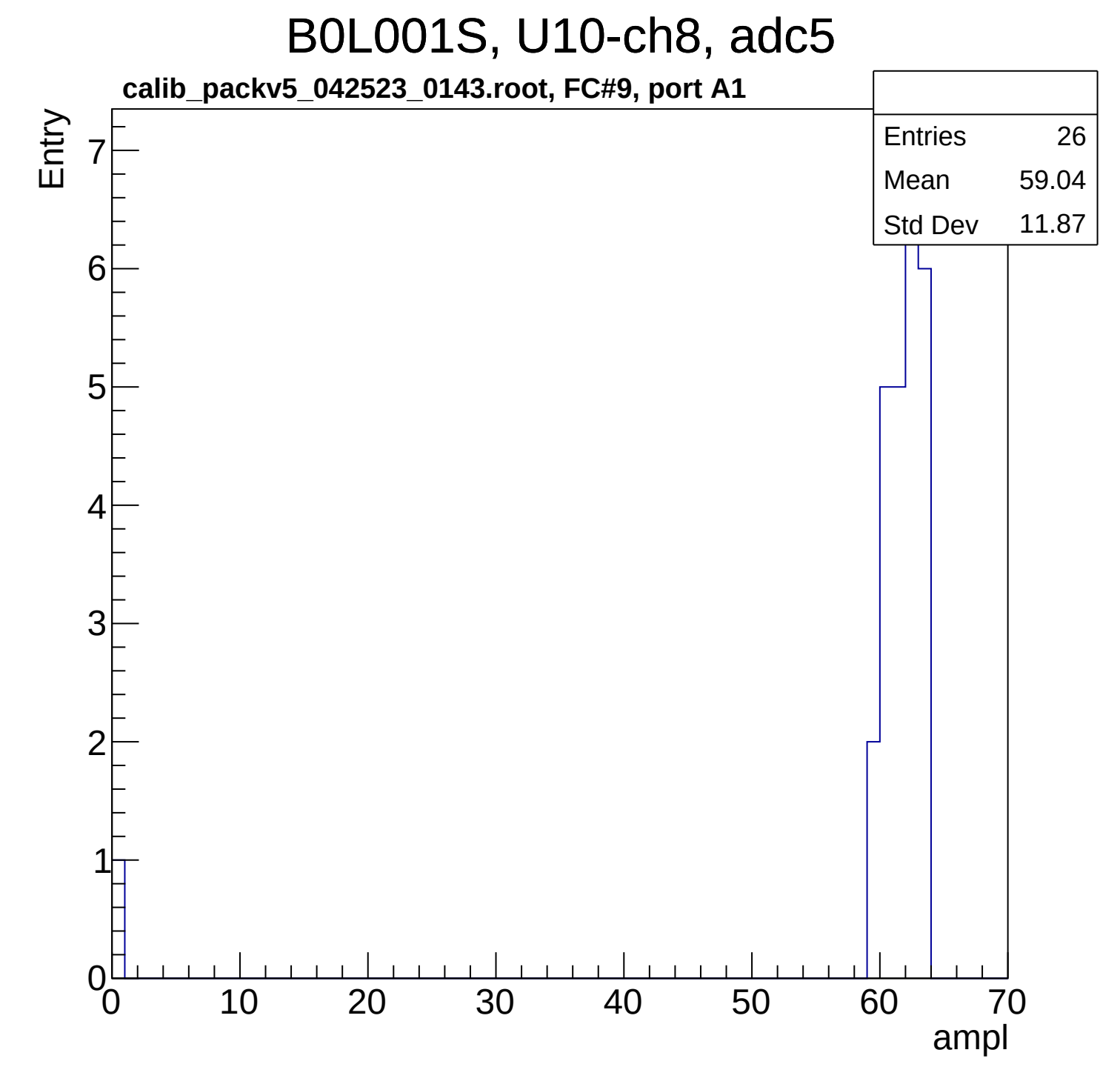
B0L001S, U10-ch8, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 59.04
Std Dev 11.87
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
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60
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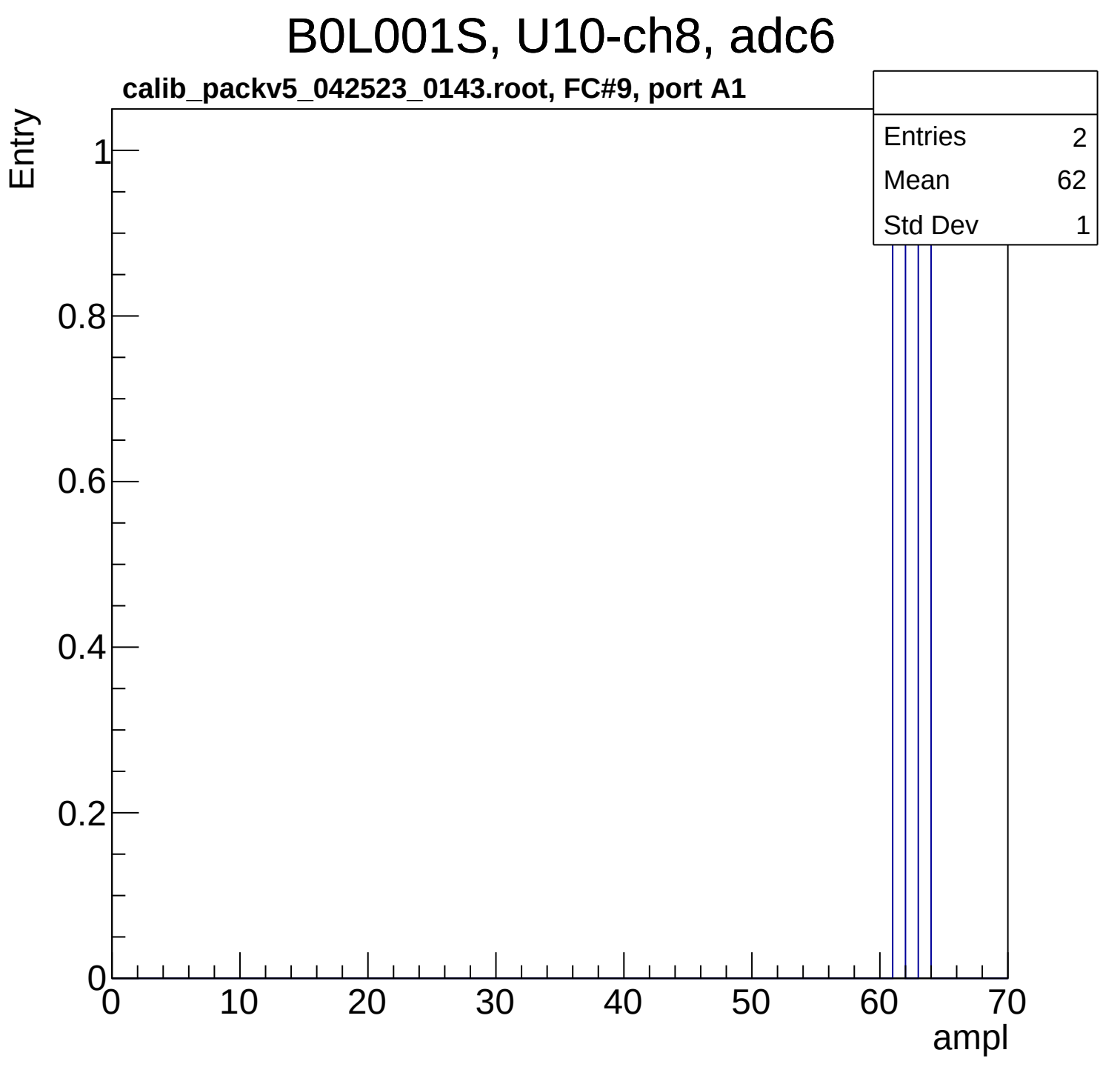
B0L001S, U10-ch8, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 1
Entry
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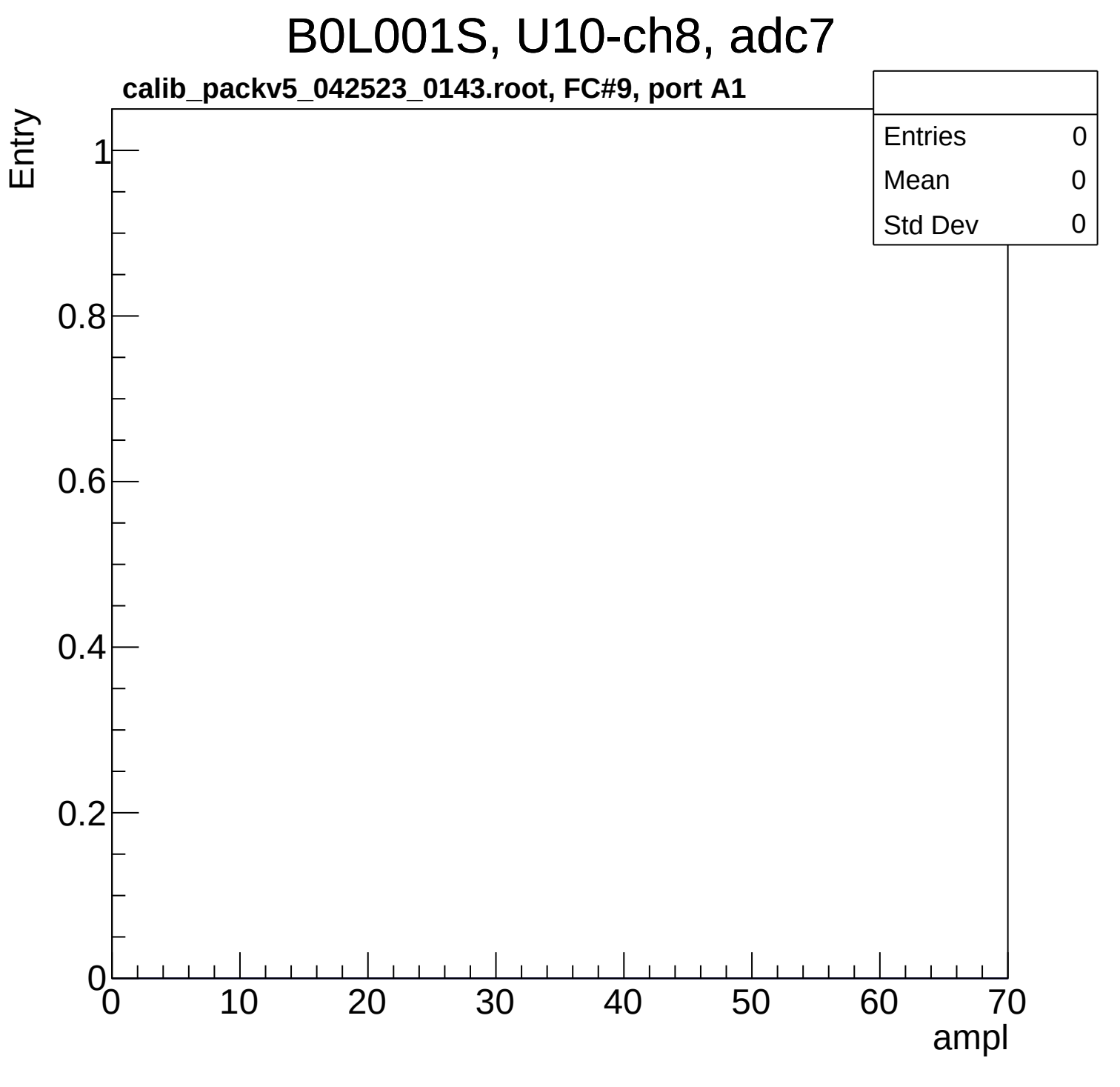
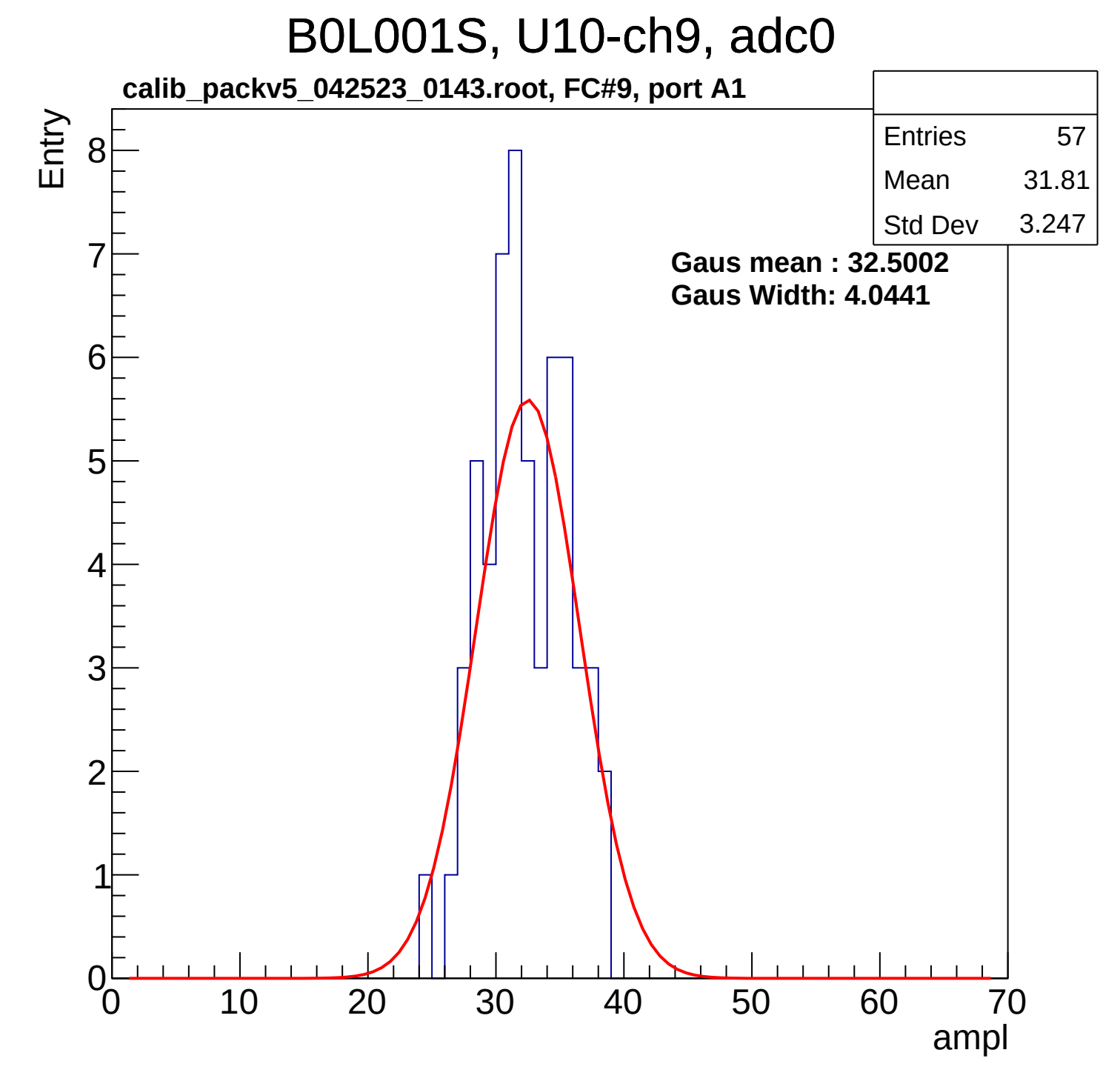
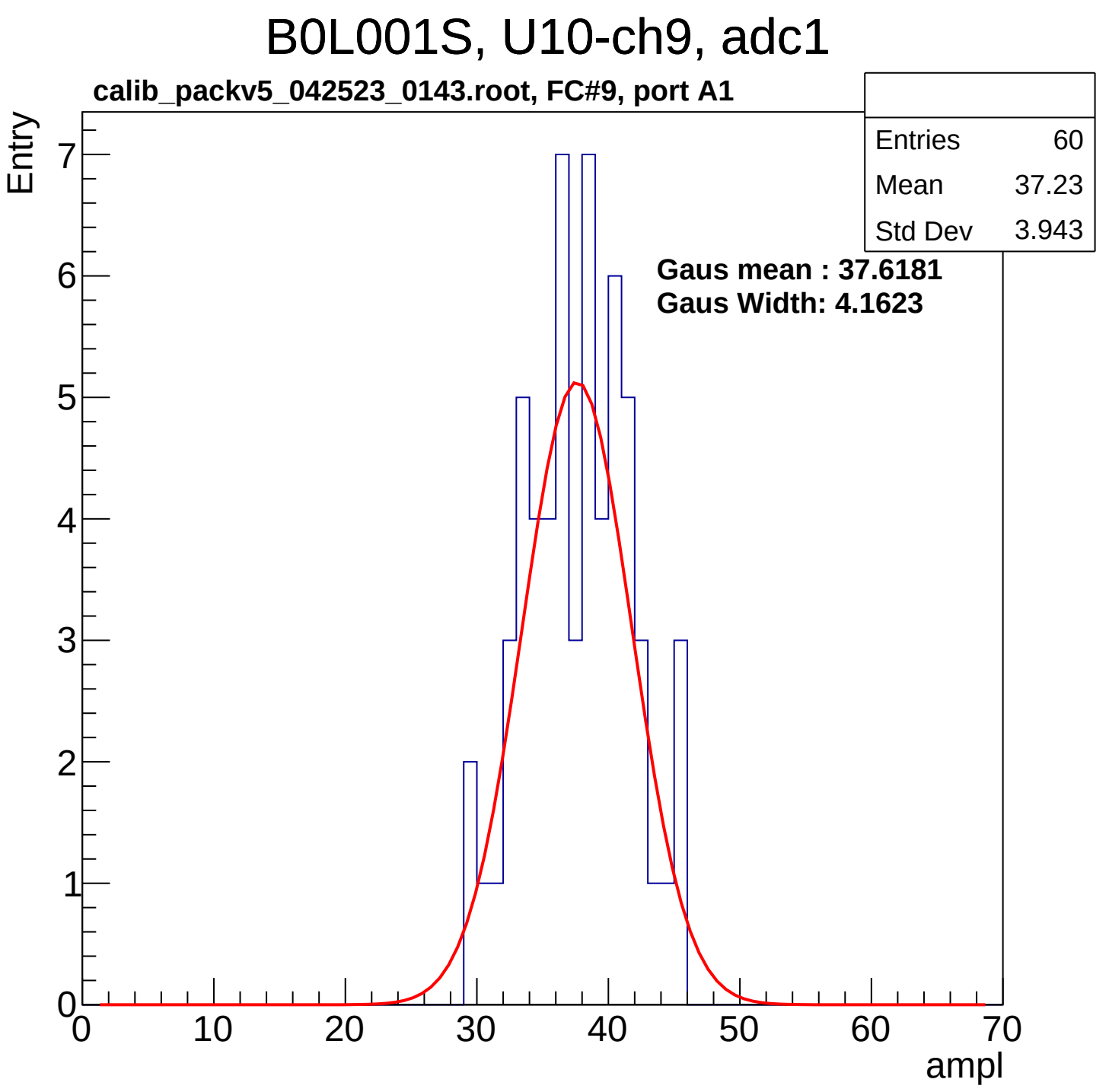
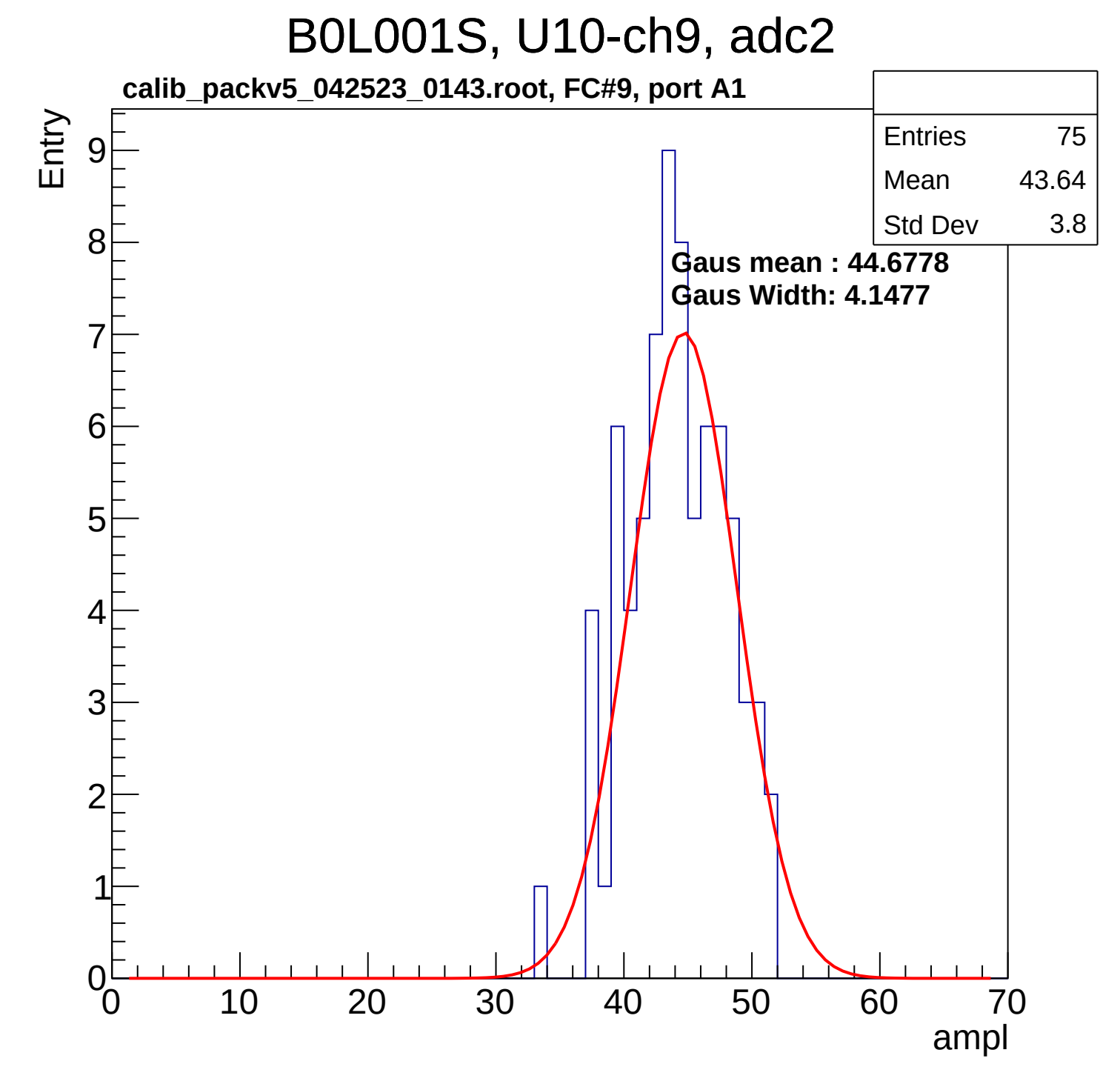
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch8, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch9, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 31.81
Std Dev 3.247
Gaus mean : 32.5002
Gaus Width: 4.0441
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch9, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 37.23
Std Dev 3.943
Gaus mean : 37.6181
Gaus Width: 4.1623
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch9, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 43.64
Std Dev 3.8
Gaus mean : 44.6778
Gaus Width: 4.1477
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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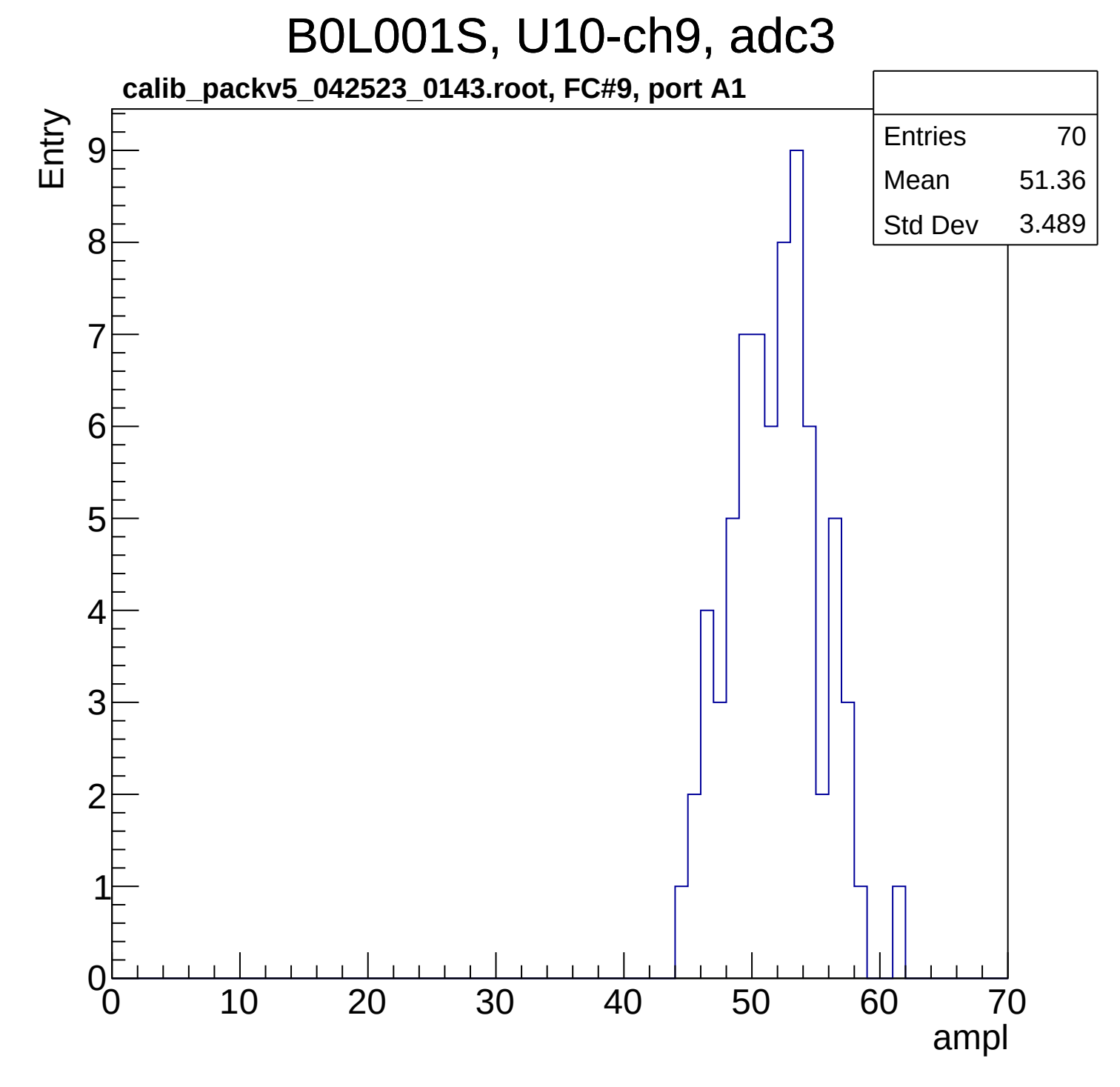
B0L001S, U10-ch9, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 51.36
Std Dev 3.489
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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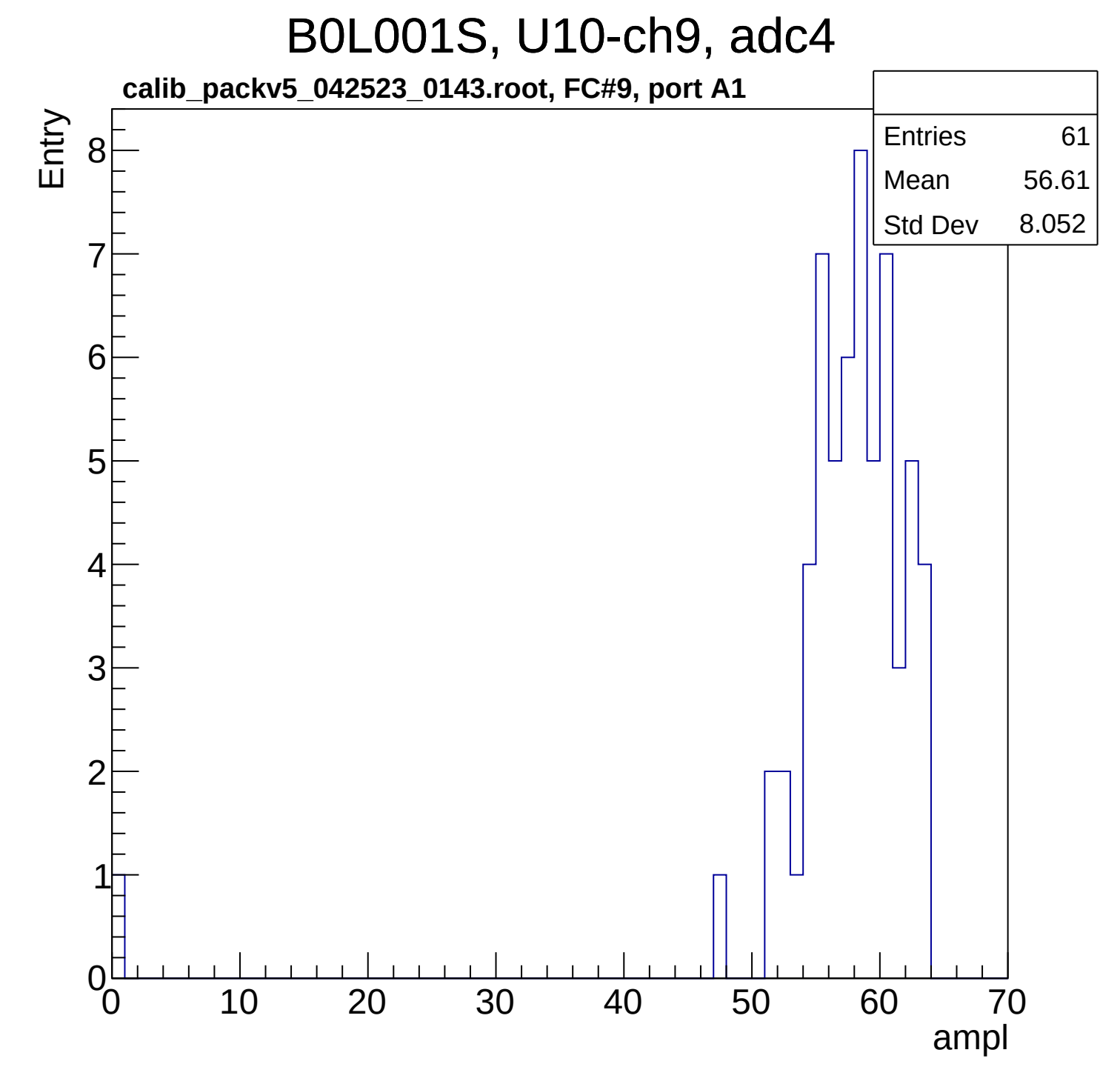
B0L001S, U10-ch9, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 56.61
Std Dev 8.052
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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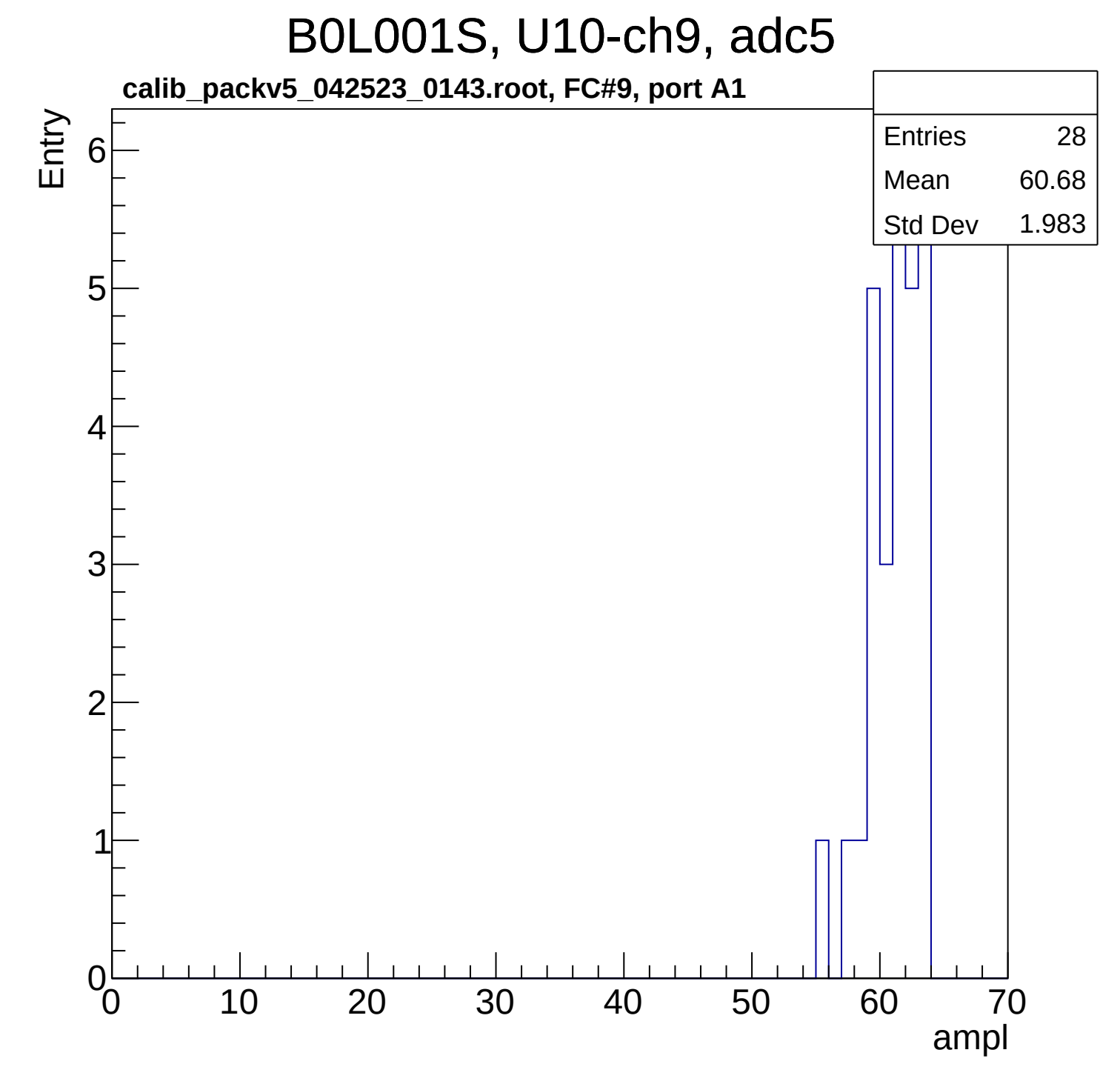
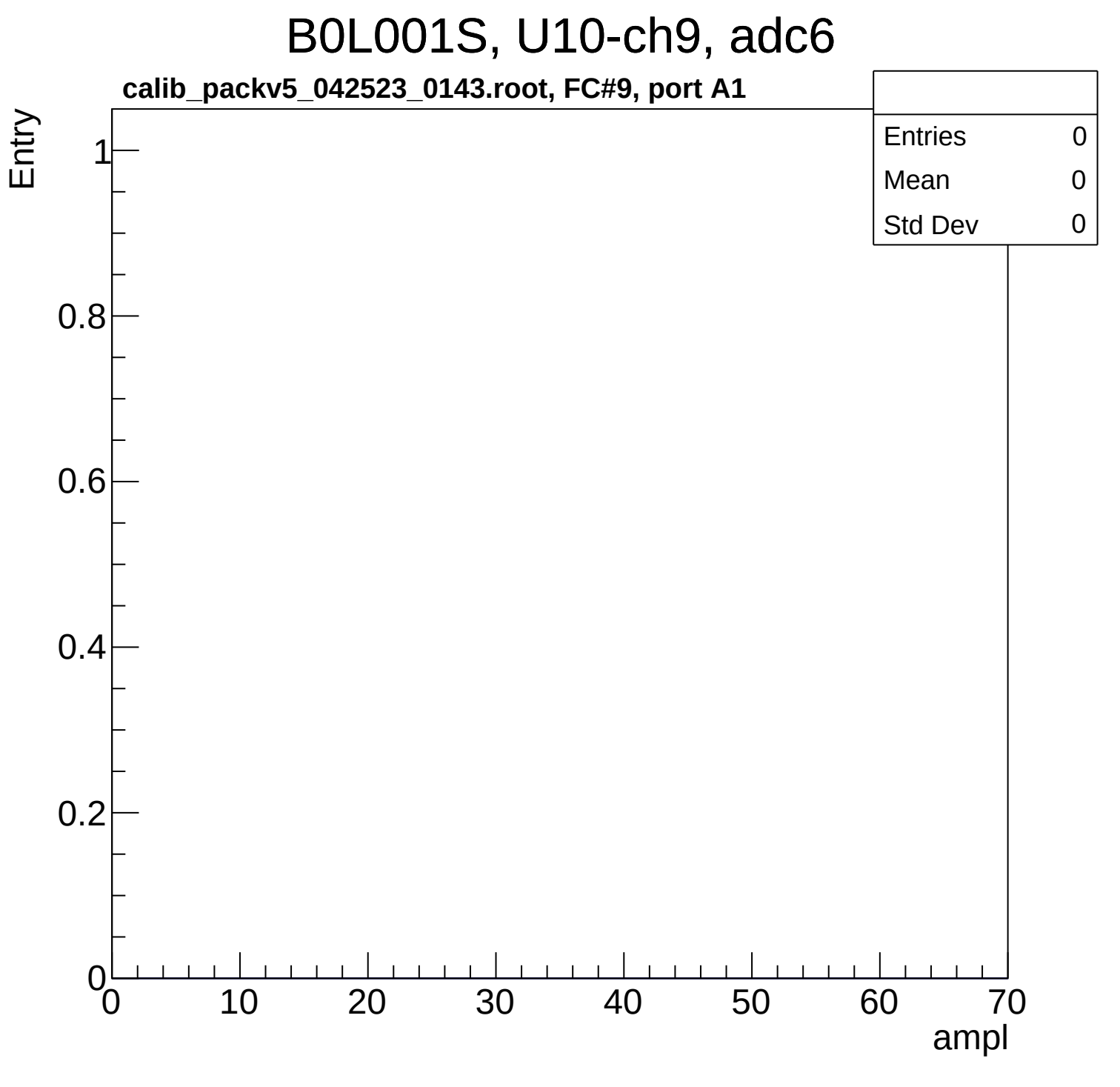
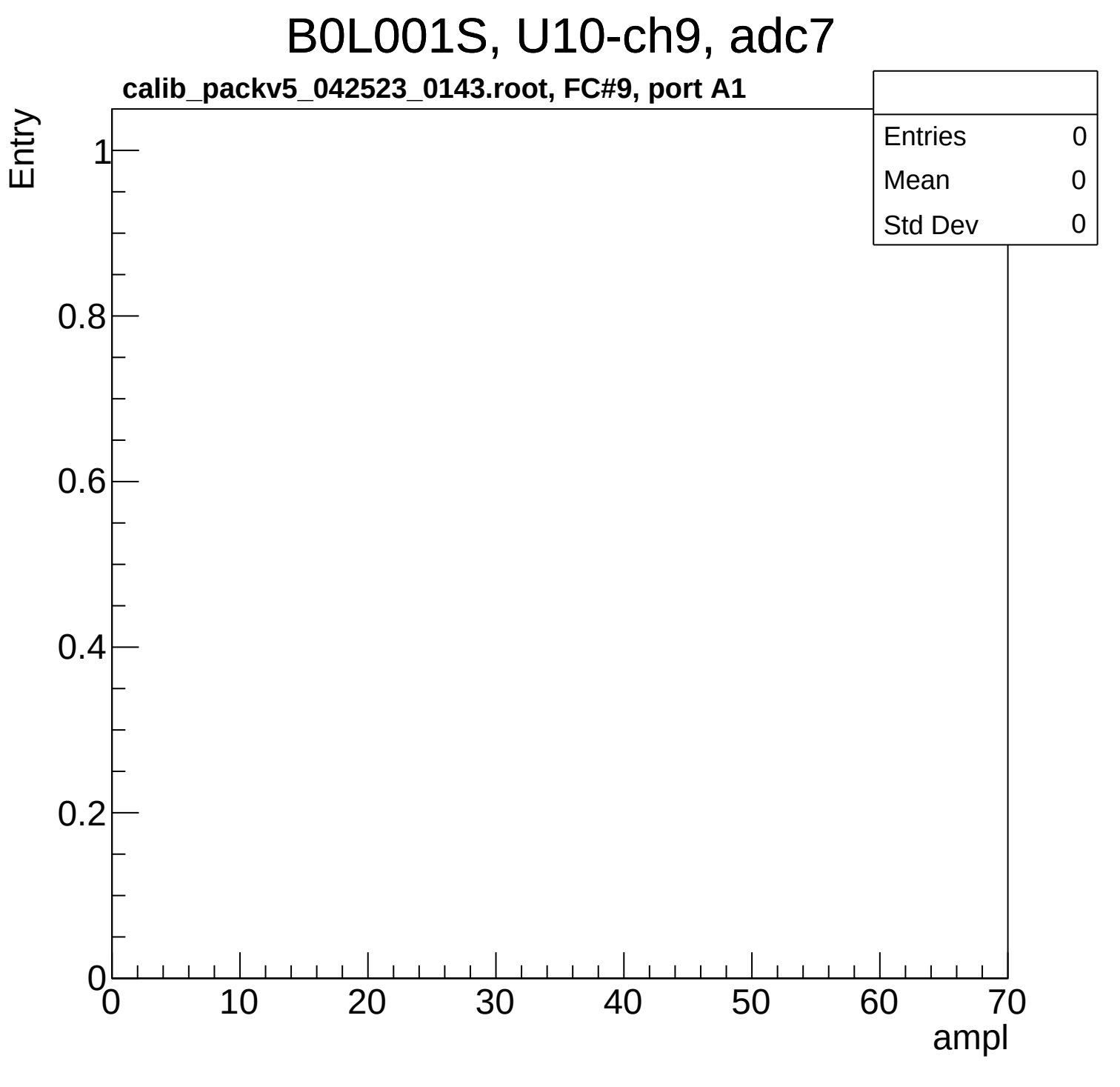

B0L001S, U10-ch9, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 60.68
Std Dev 1.983
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch9, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch9, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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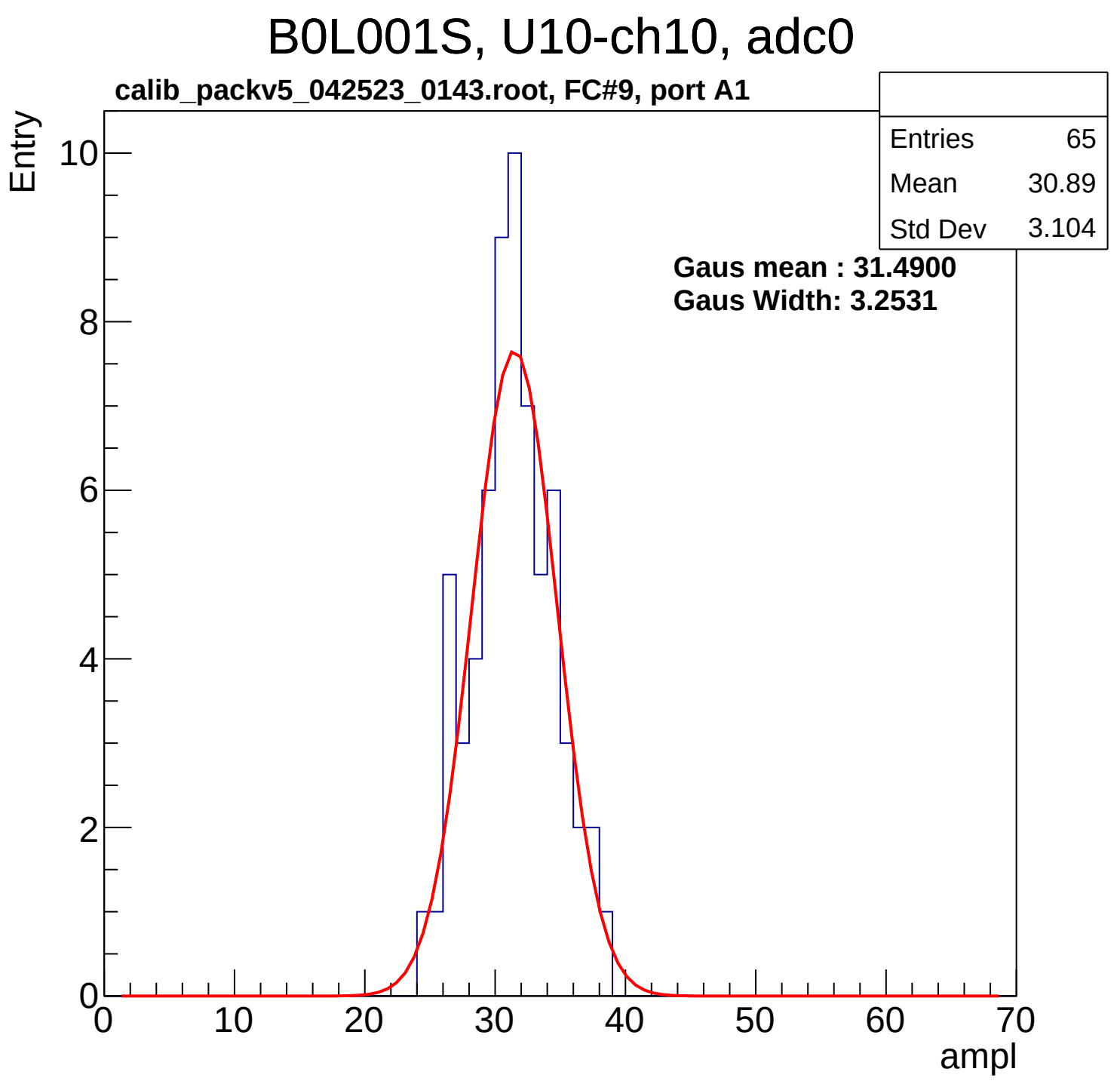
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch10, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 30.89
Std Dev 3.104
Gaus mean : 31.4900
Gaus Width: 3.2531
Entry
ampl
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2
4
6
8
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0
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20
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40
50
60
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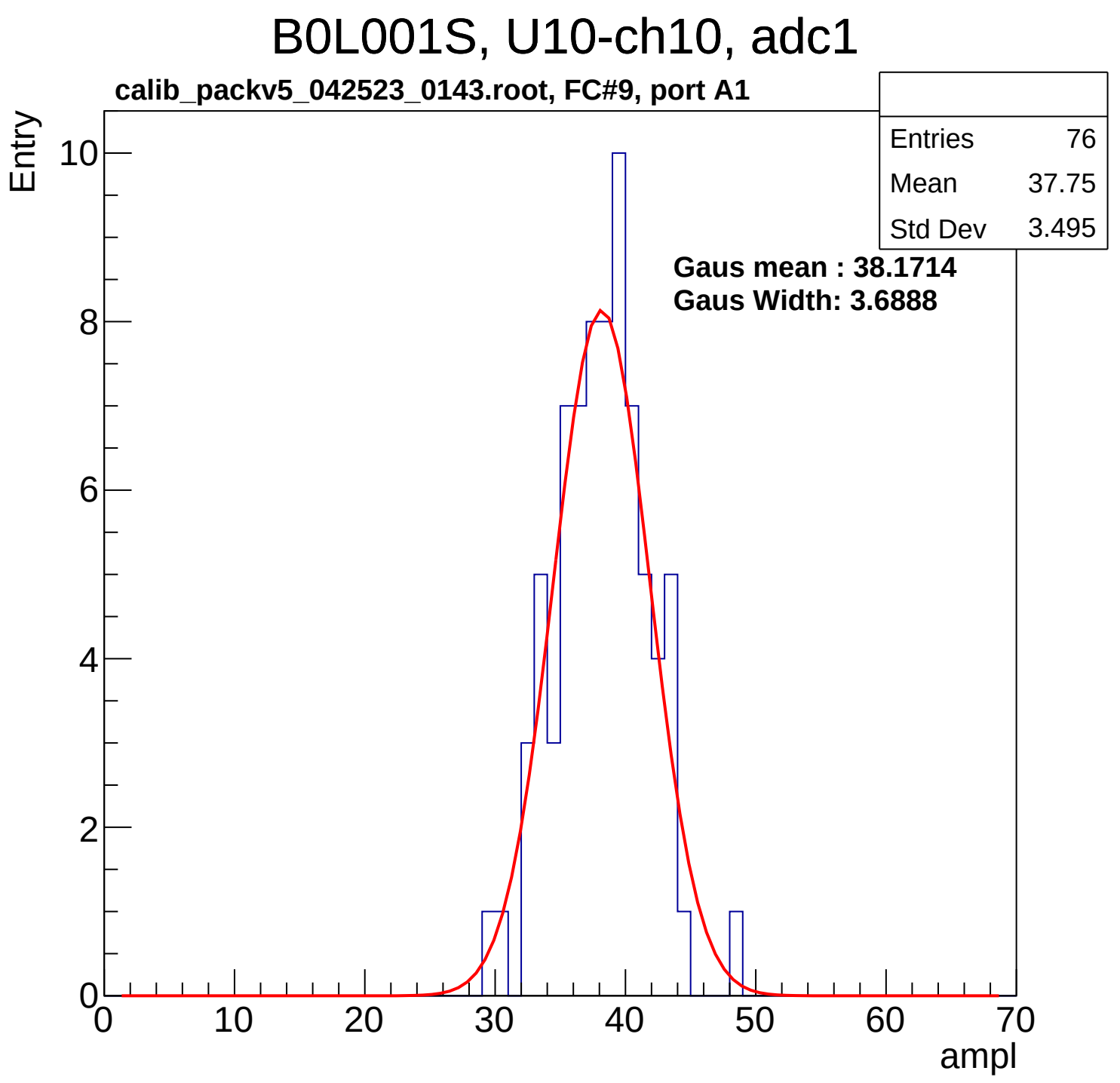
B0L001S, U10-ch10, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 37.75
Std Dev 3.495
Gaus mean : 38.1714
Gaus Width: 3.6888
Entry
ampl
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0
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60
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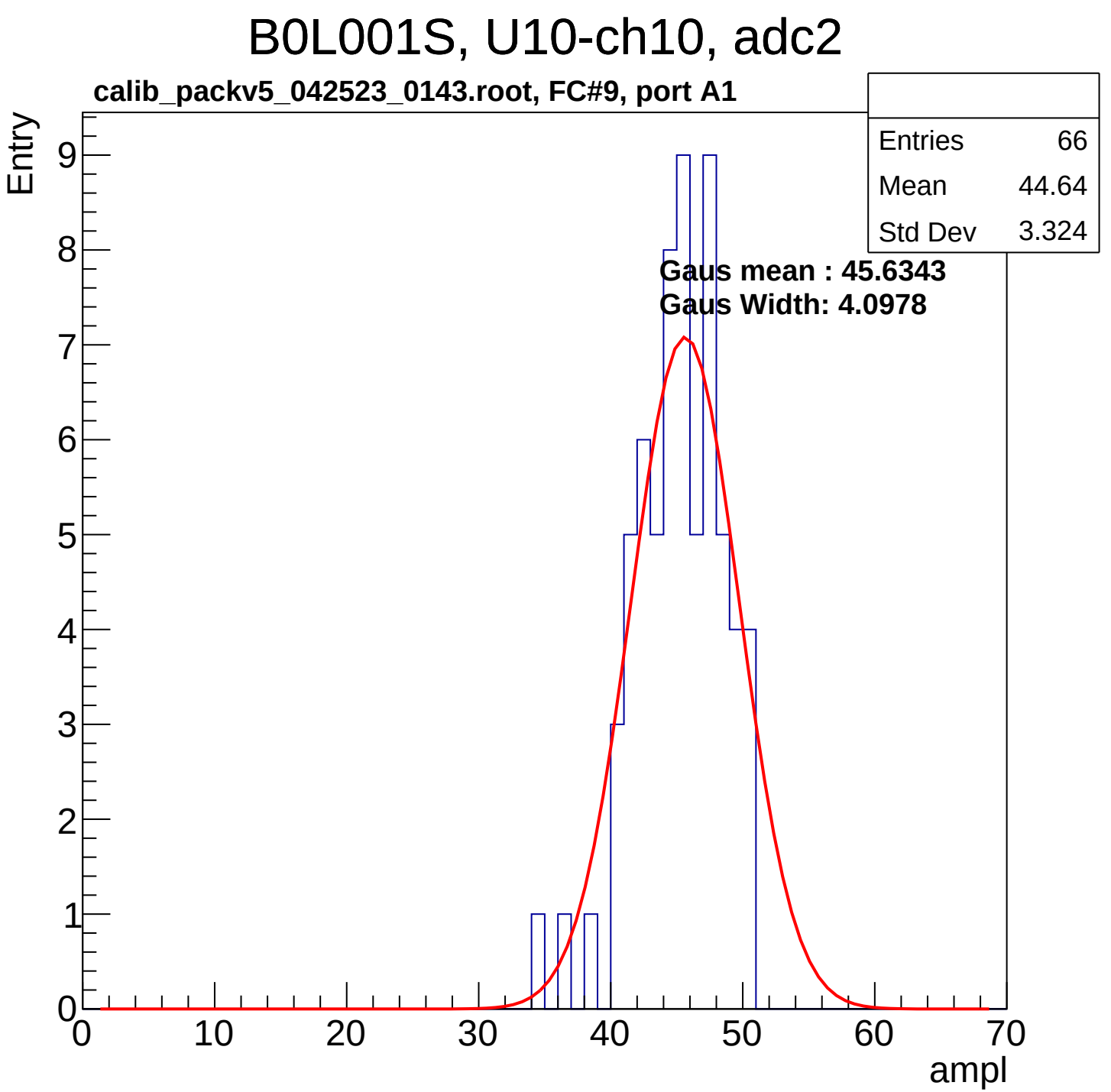
B0L001S, U10-ch10, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 44.64
Std Dev 3.324
Gaus mean : 45.6343
Gaus Width: 4.0978
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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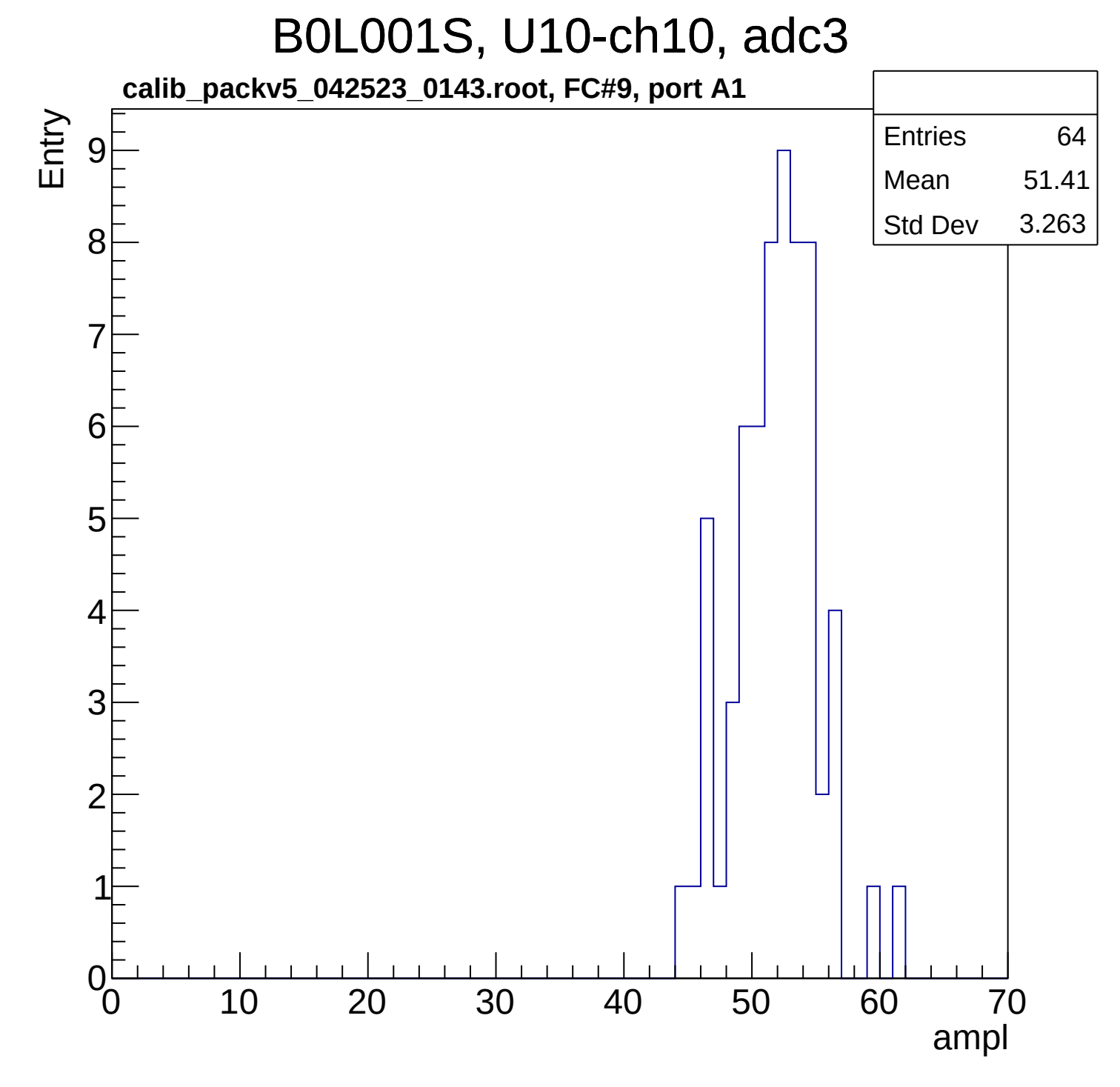
B0L001S, U10-ch10, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 51.41
Std Dev 3.263
Entry
ampl
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6
7
8
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0
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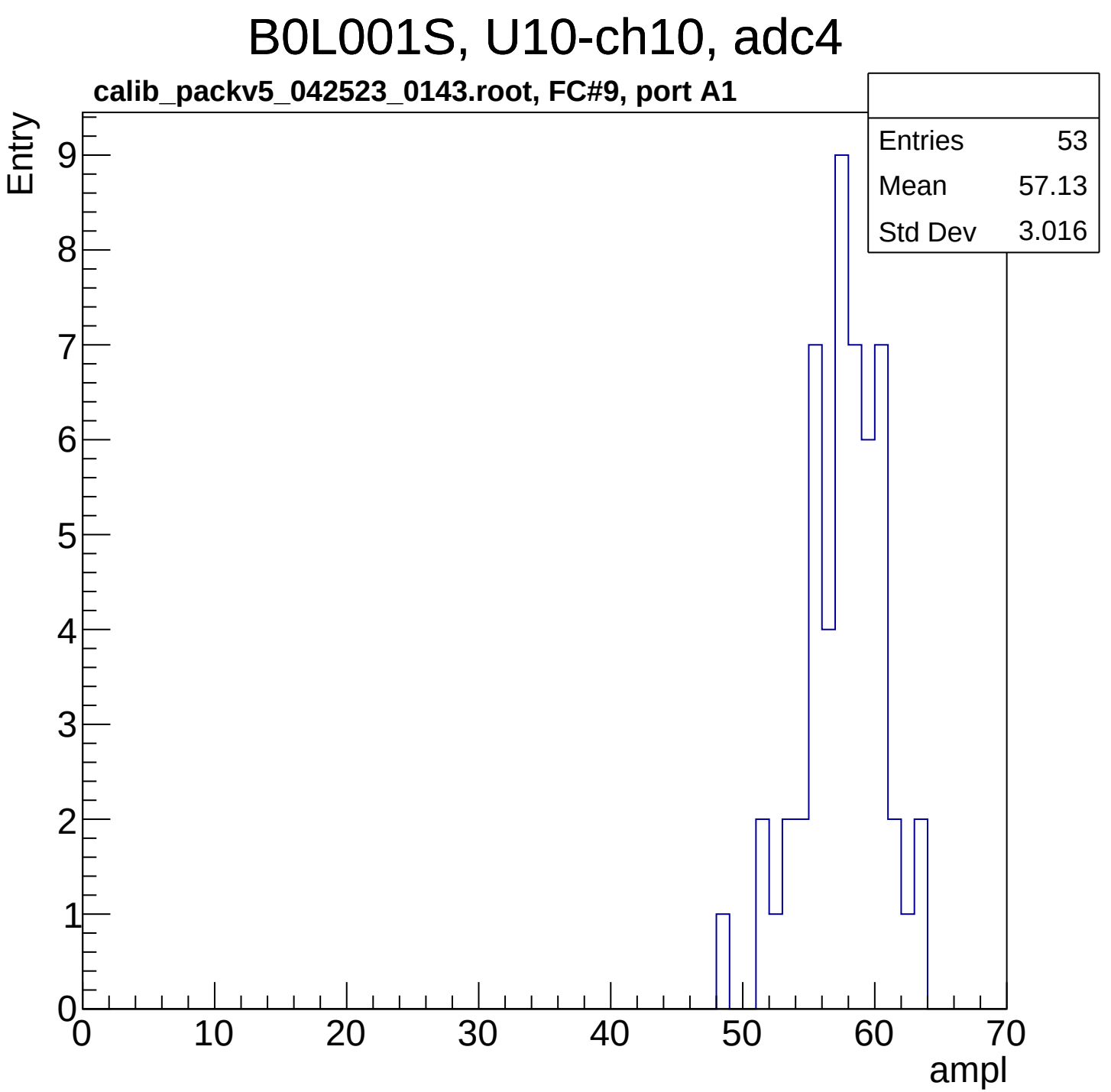
B0L001S, U10-ch10, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 57.13
Std Dev 3.016
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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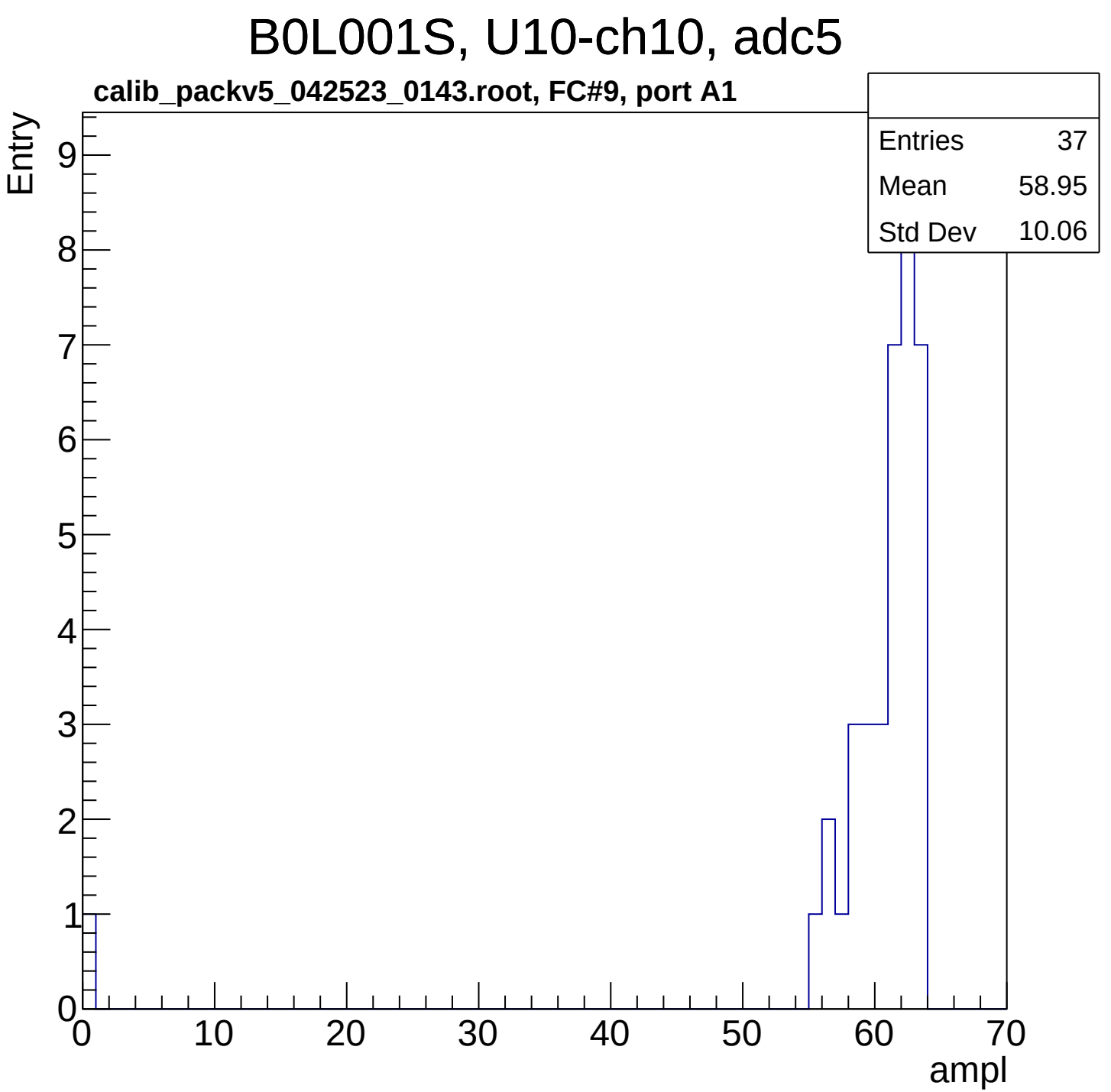
B0L001S, U10-ch10, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.95
Std Dev 10.06
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
50
60
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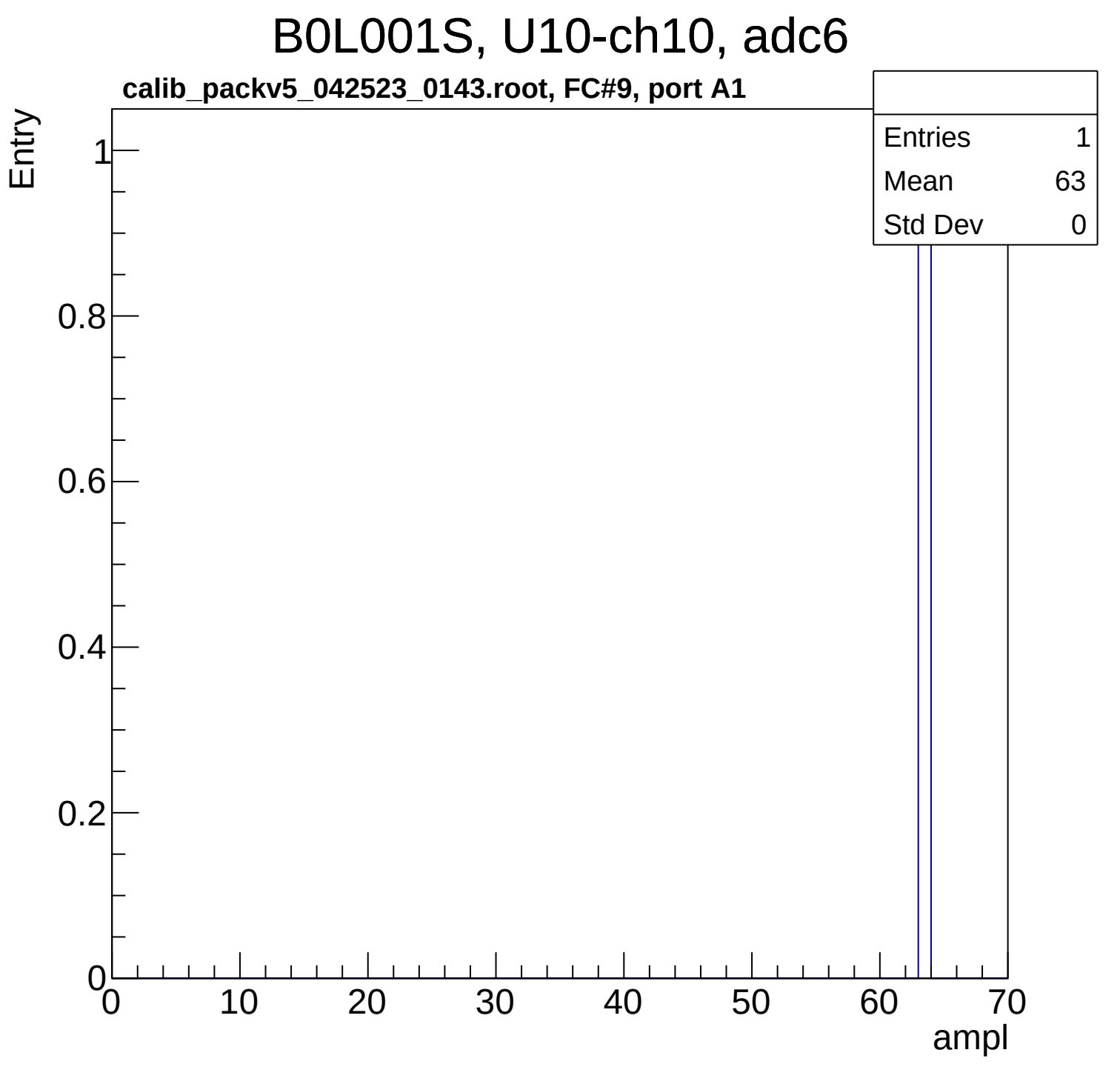
B0L001S, U10-ch10, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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0.6
0.4
0.2
0
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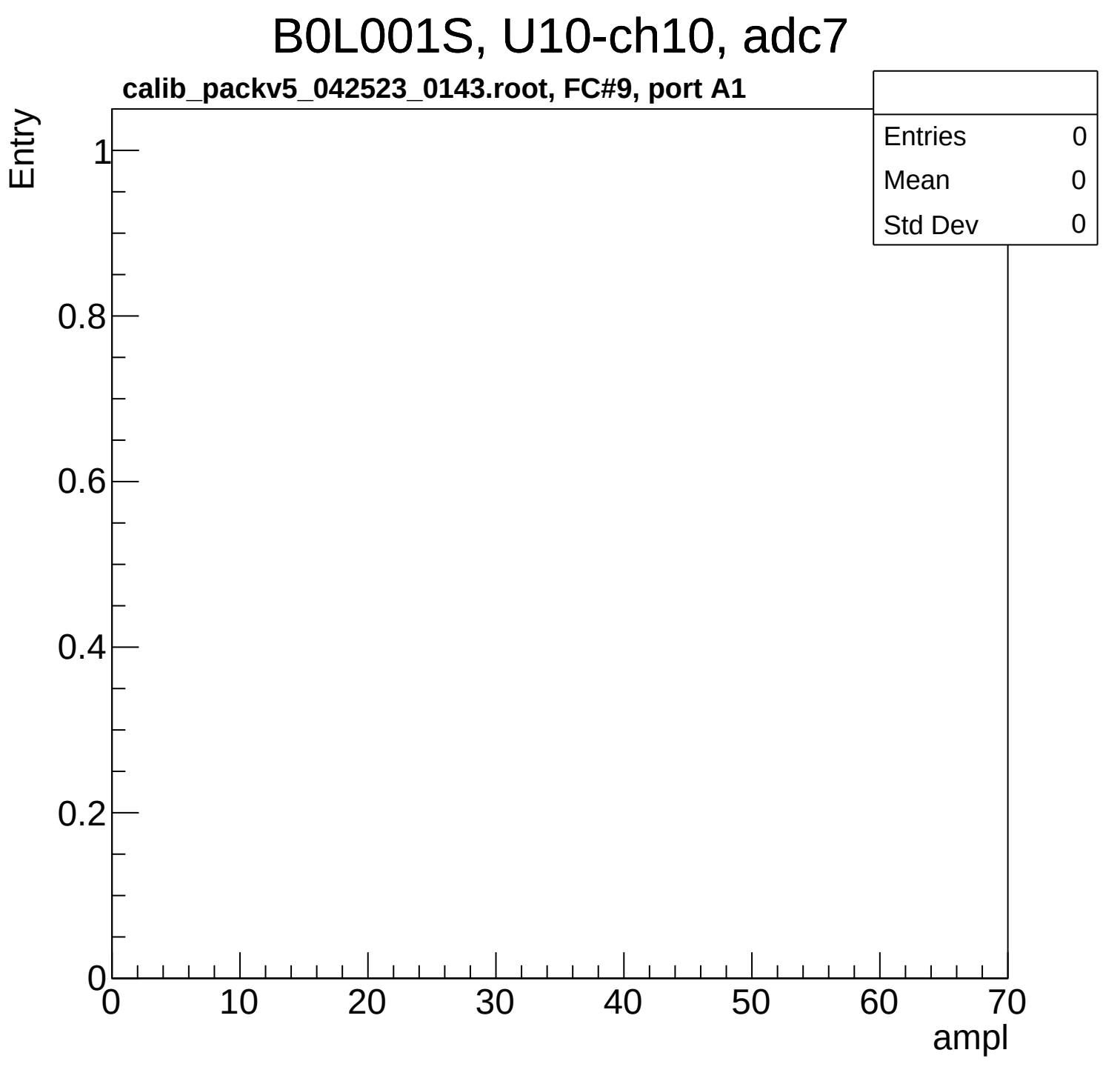
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch10, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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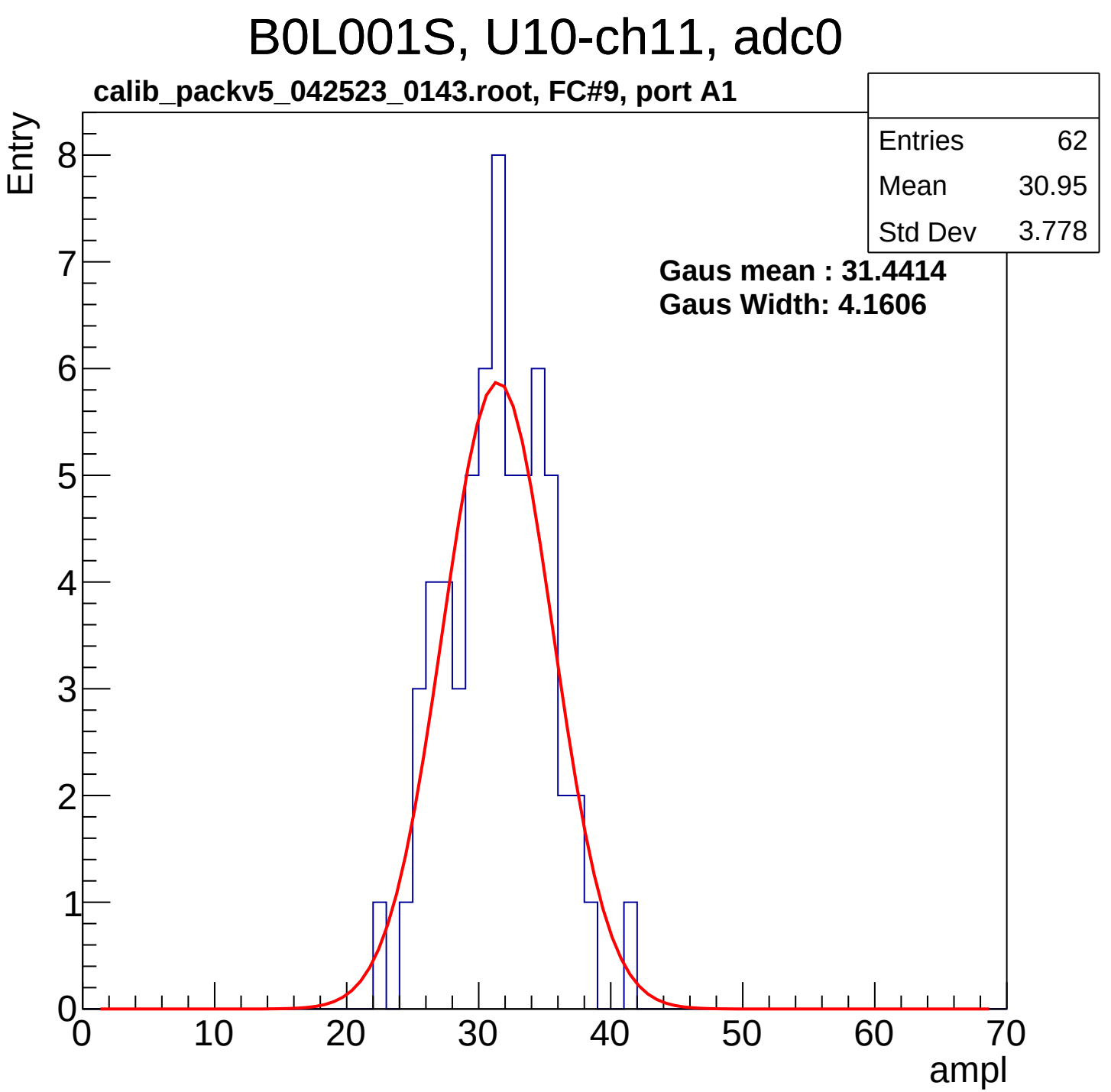
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch11, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 30.95
Std Dev 3.778
Gaus mean : 31.4414
Gaus Width: 4.1606
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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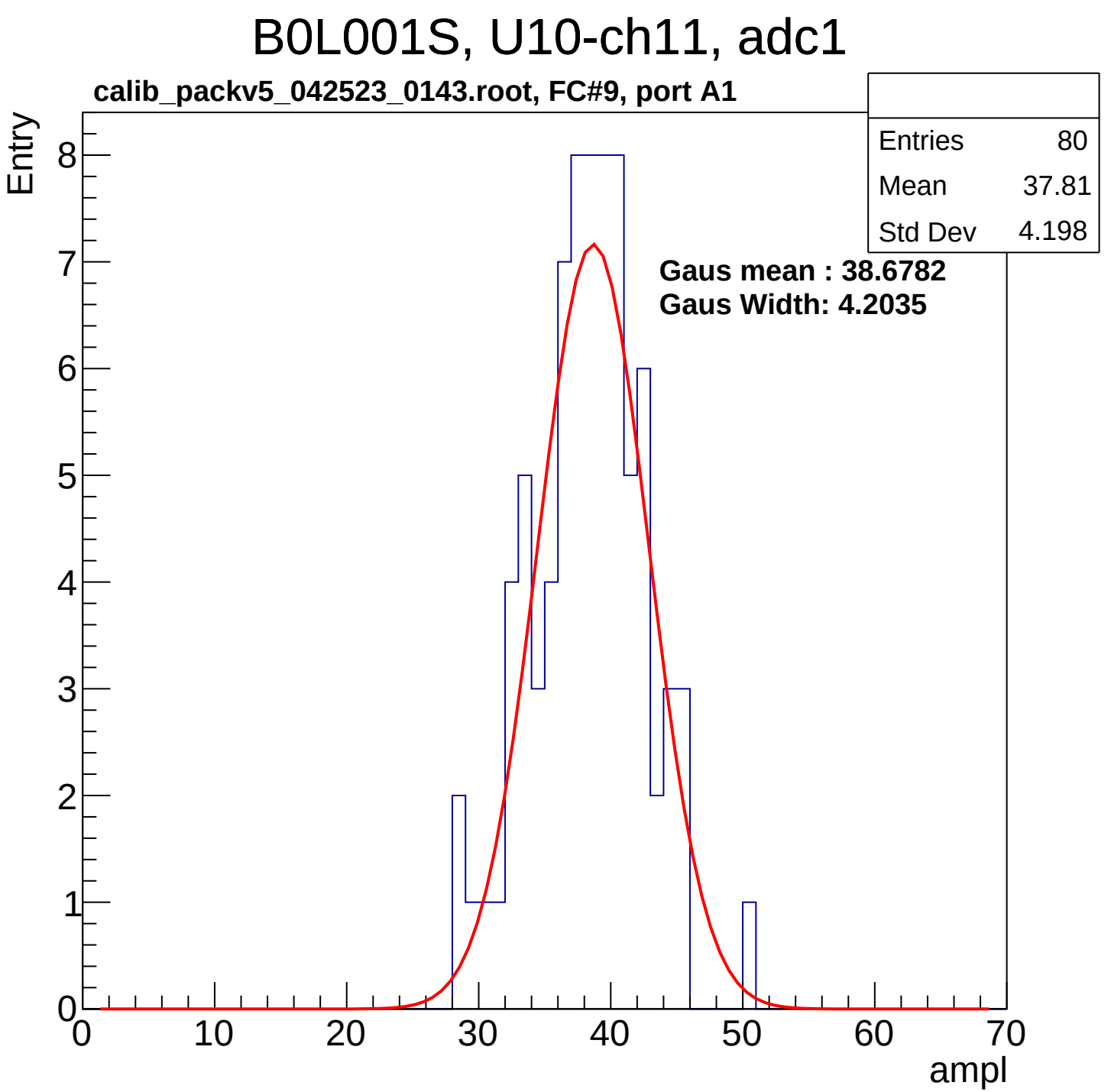
B0L001S, U10-ch11, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 37.81
Std Dev 4.198
Gaus mean : 38.6782
Gaus Width: 4.2035
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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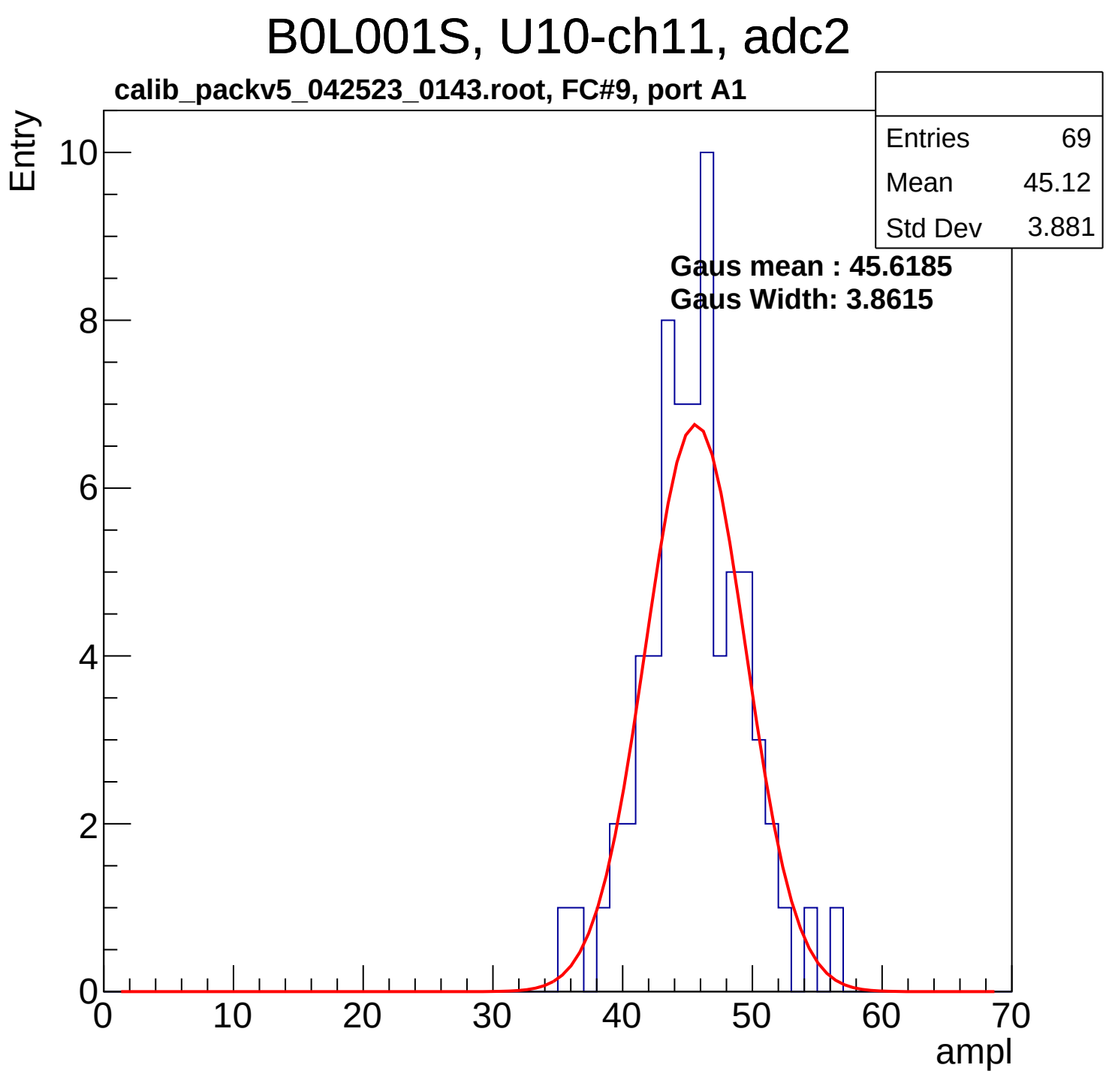
B0L001S, U10-ch11, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 45.12
Std Dev 3.881
Gaus mean : 45.6185
Gaus Width: 3.8615
Entry
ampl
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60
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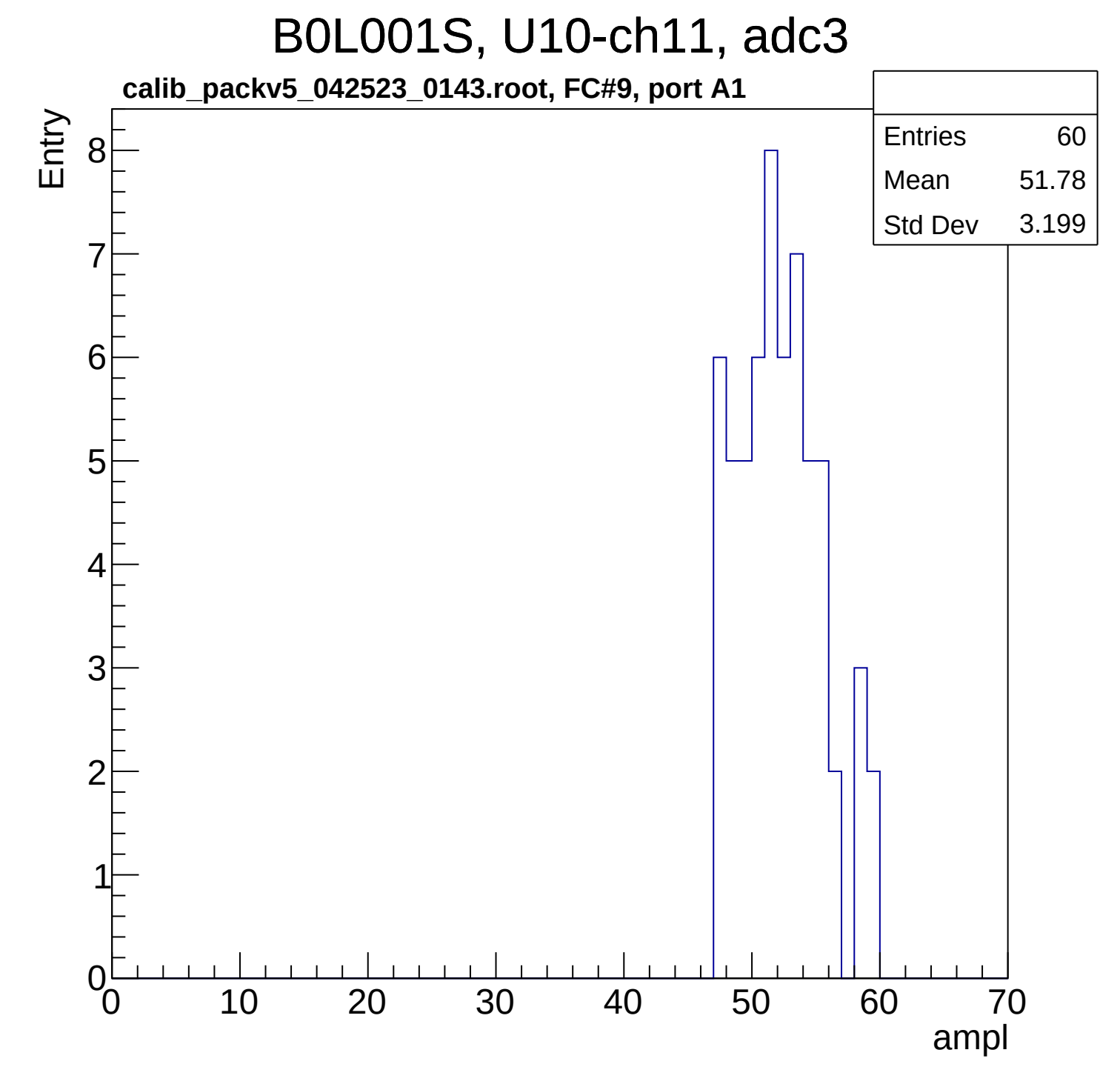
B0L001S, U10-ch11, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 51.78
Std Dev 3.199
Entry
ampl
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4
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60
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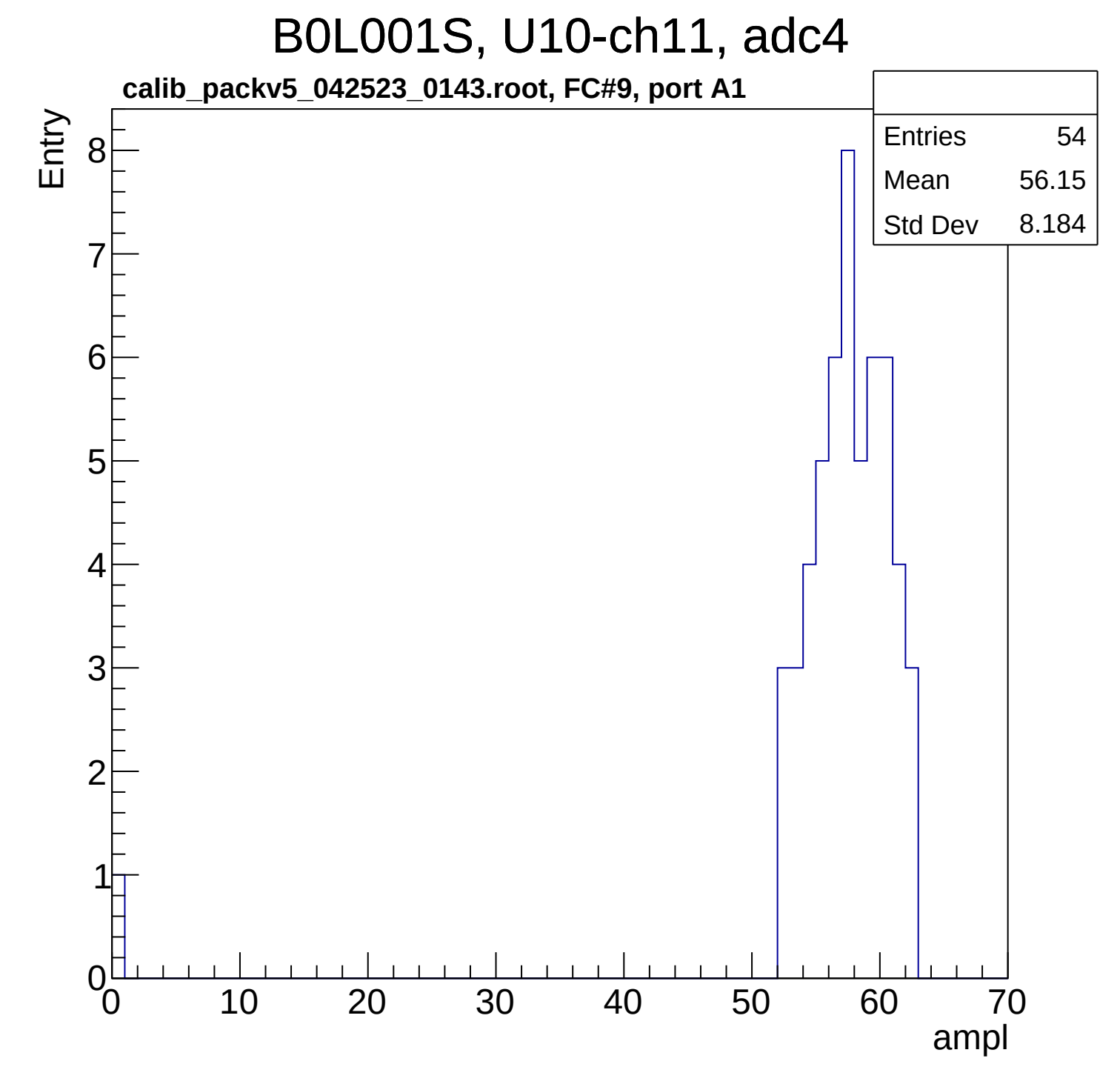
B0L001S, U10-ch11, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.15
Std Dev 8.184
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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60
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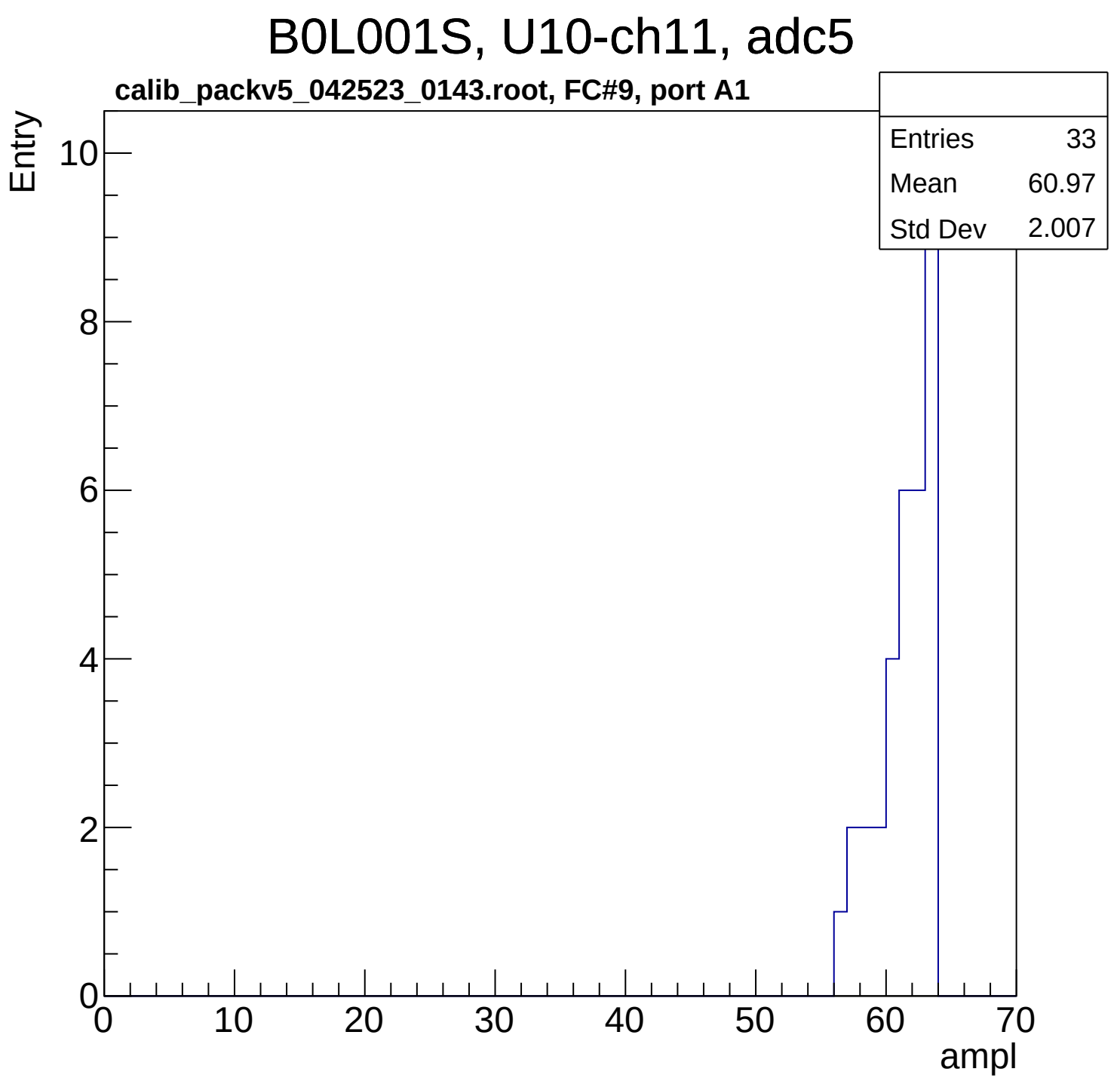
B0L001S, U10-ch11, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 60.97
Std Dev 2.007
Entry
0
2
4
6
8
10
0
10
20
30
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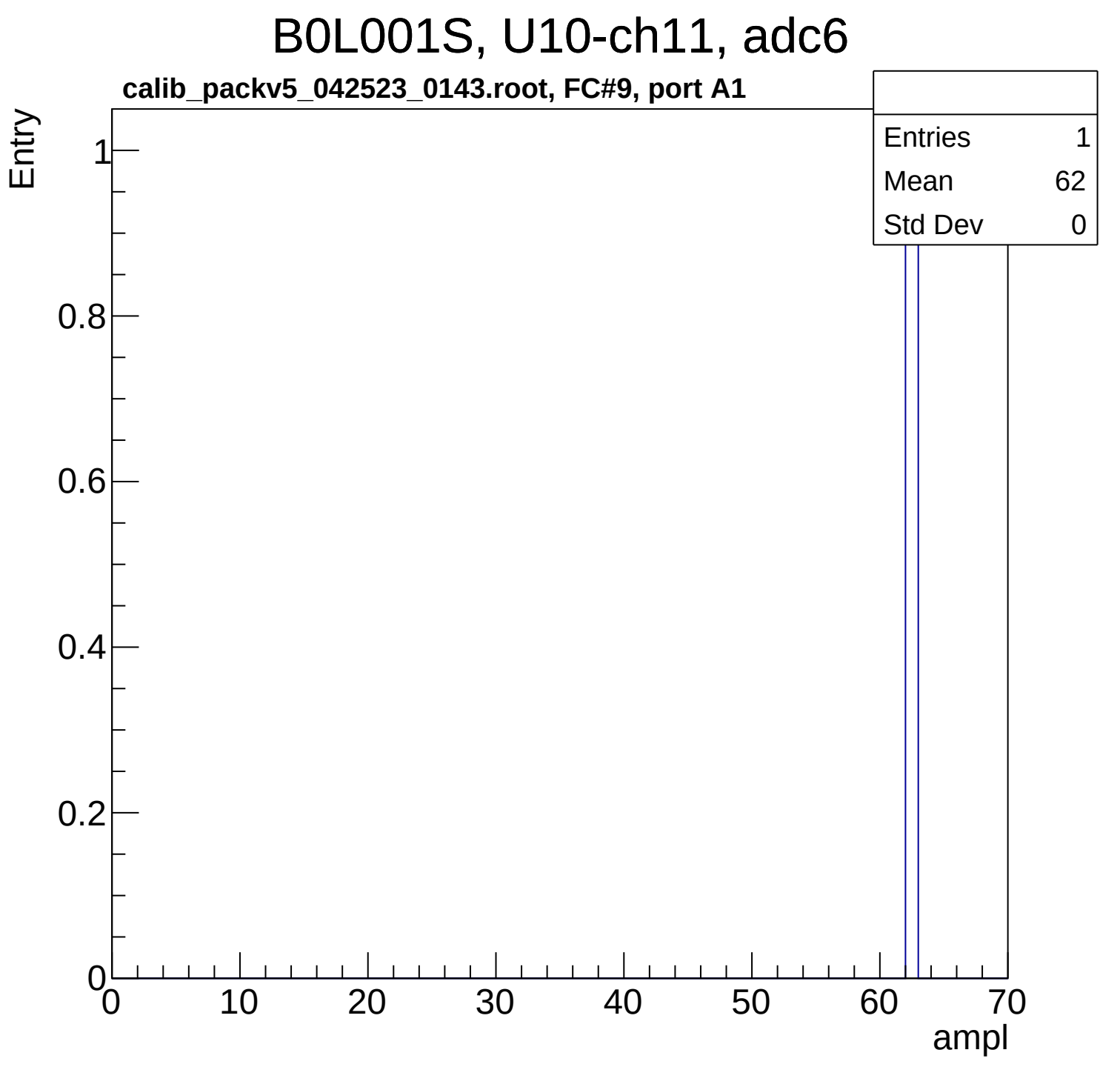
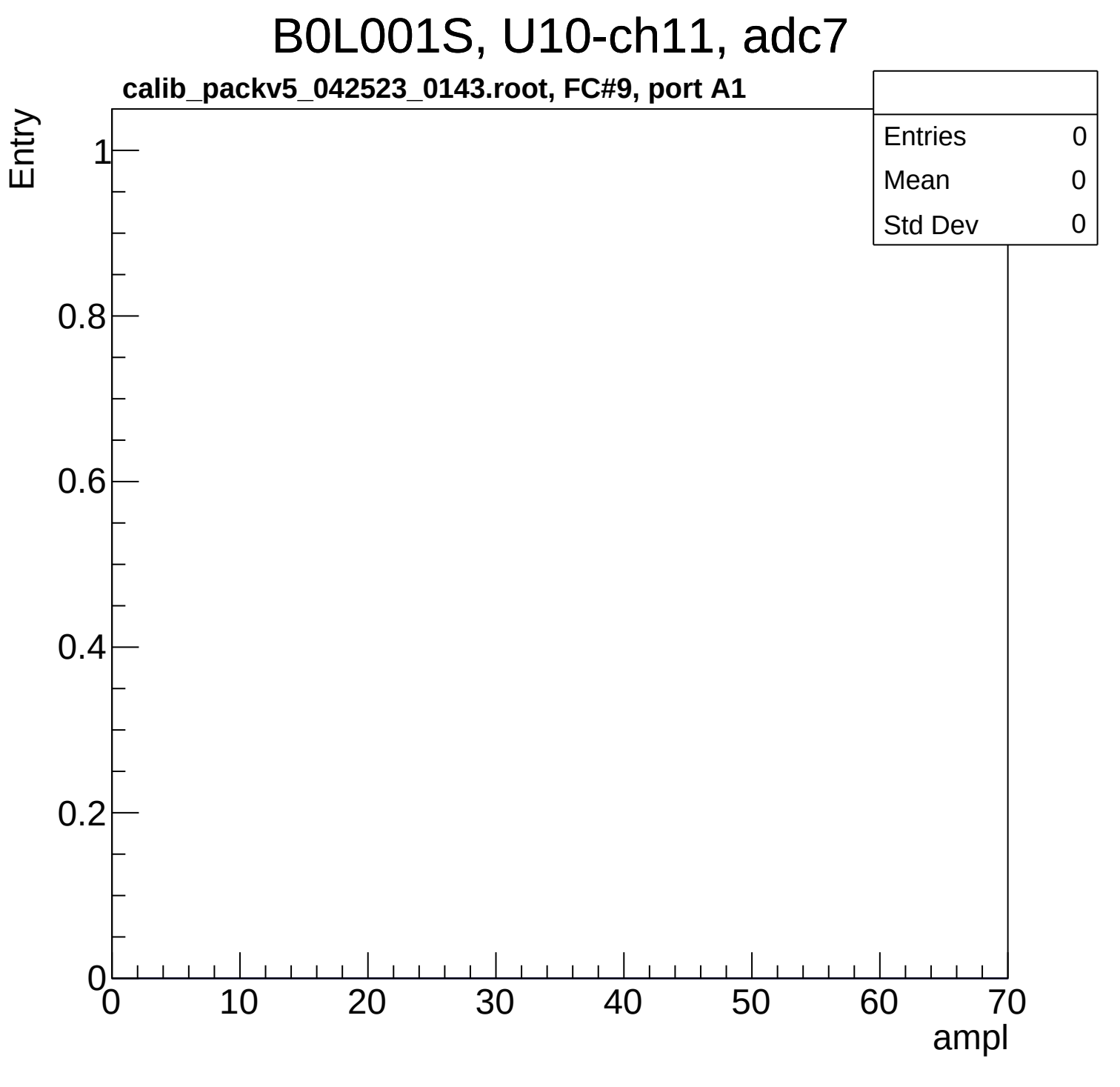
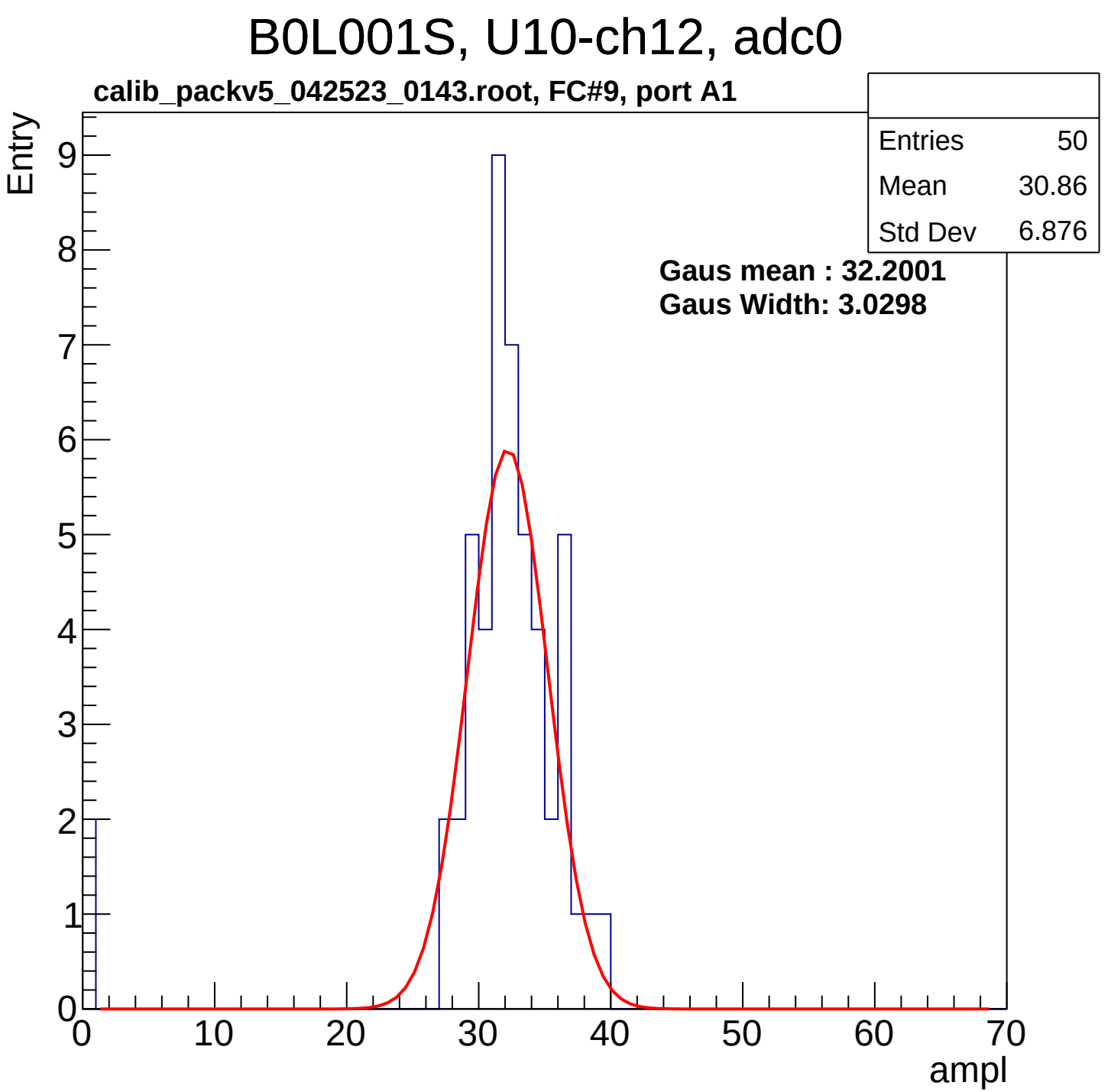
50
60
70
ampl


B0L001S, U10-ch11, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch11, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch12, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 30.86
Std Dev 6.876
Gaus mean : 32.2001
Gaus Width: 3.0298
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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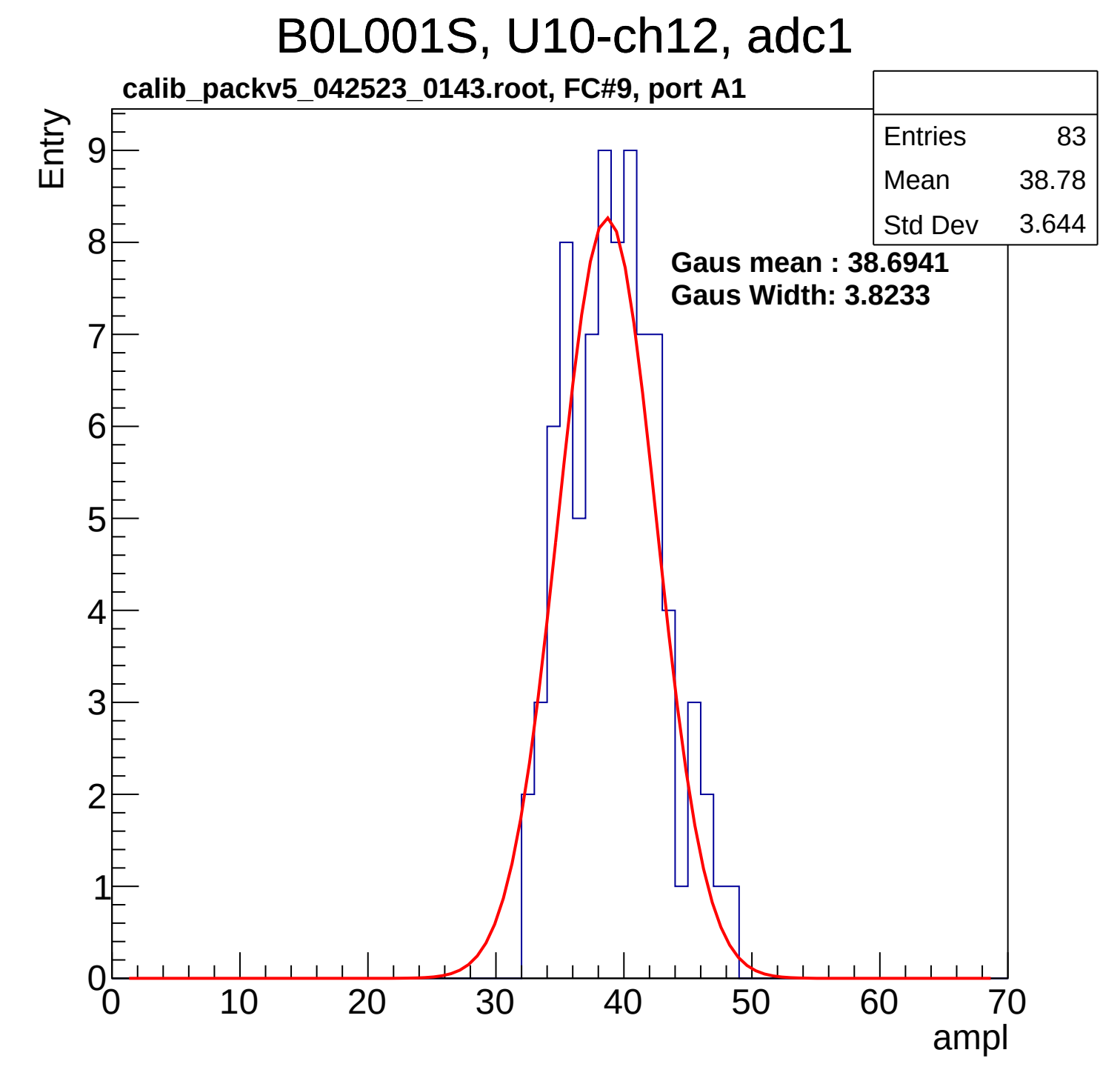
B0L001S, U10-ch12, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 38.78
Std Dev 3.644
Gaus mean : 38.6941
Gaus Width: 3.8233
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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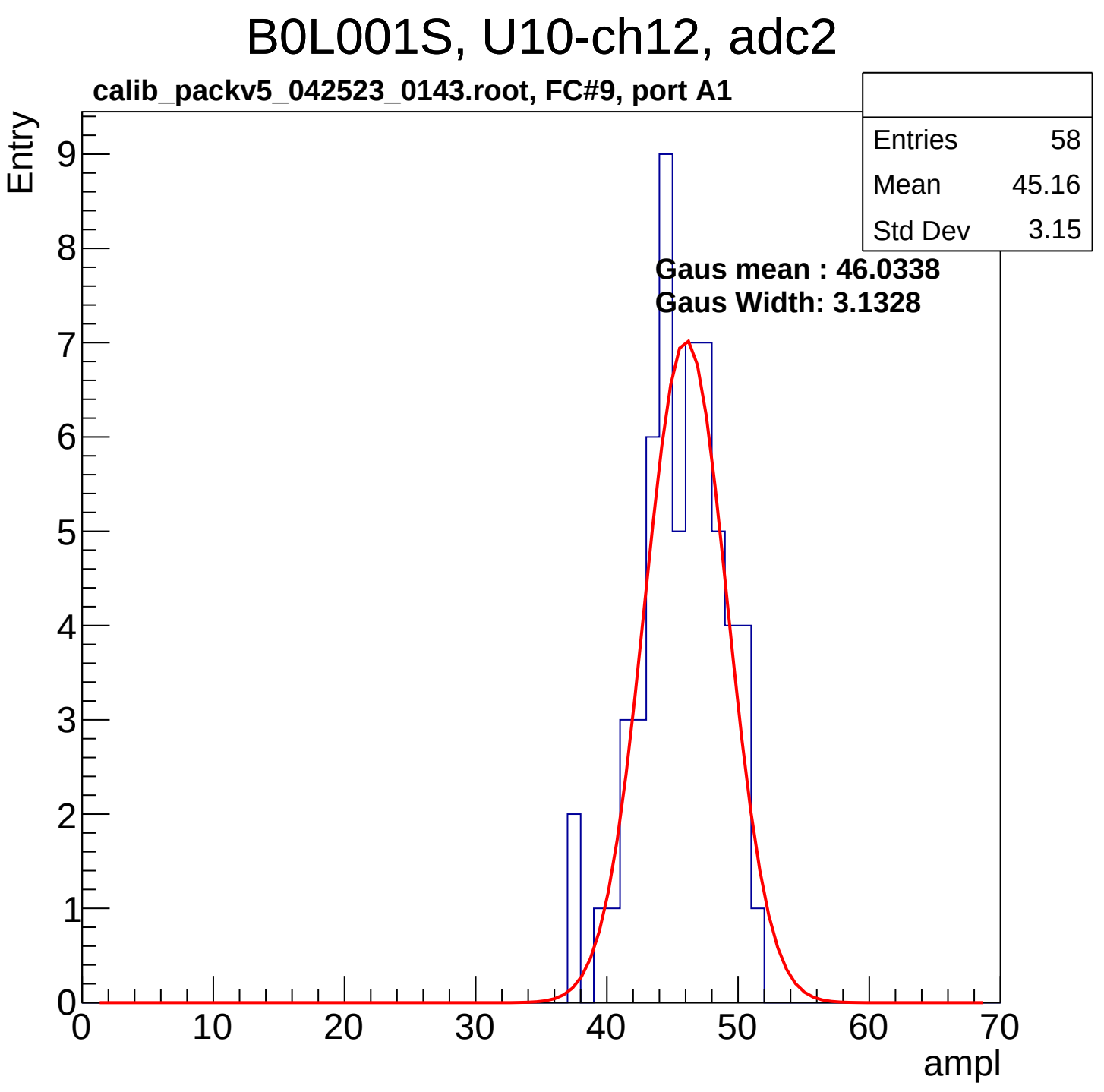
B0L001S, U10-ch12, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 45.16
Std Dev 3.15
Gaus mean : 46.0338
Gaus Width: 3.1328
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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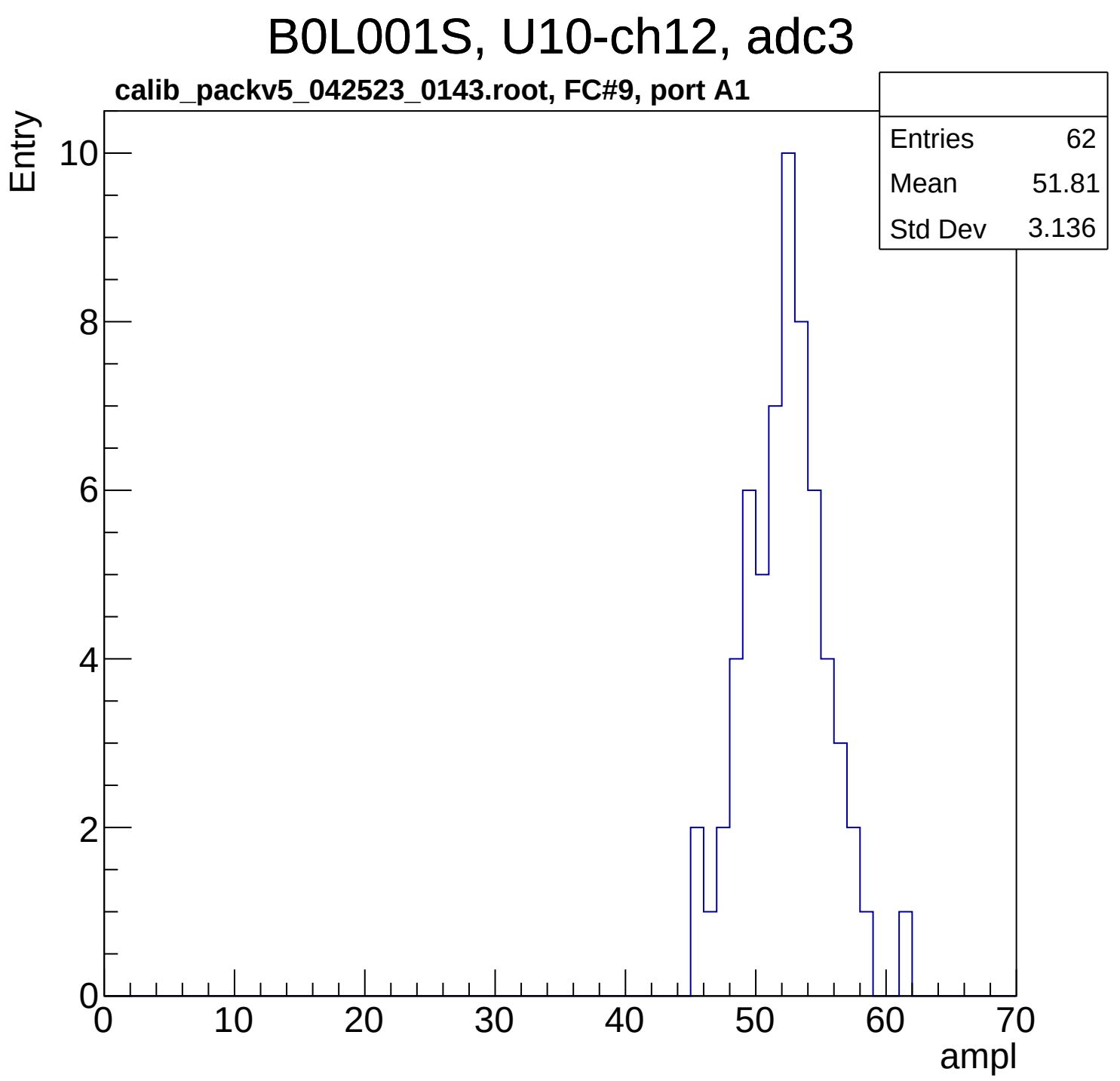
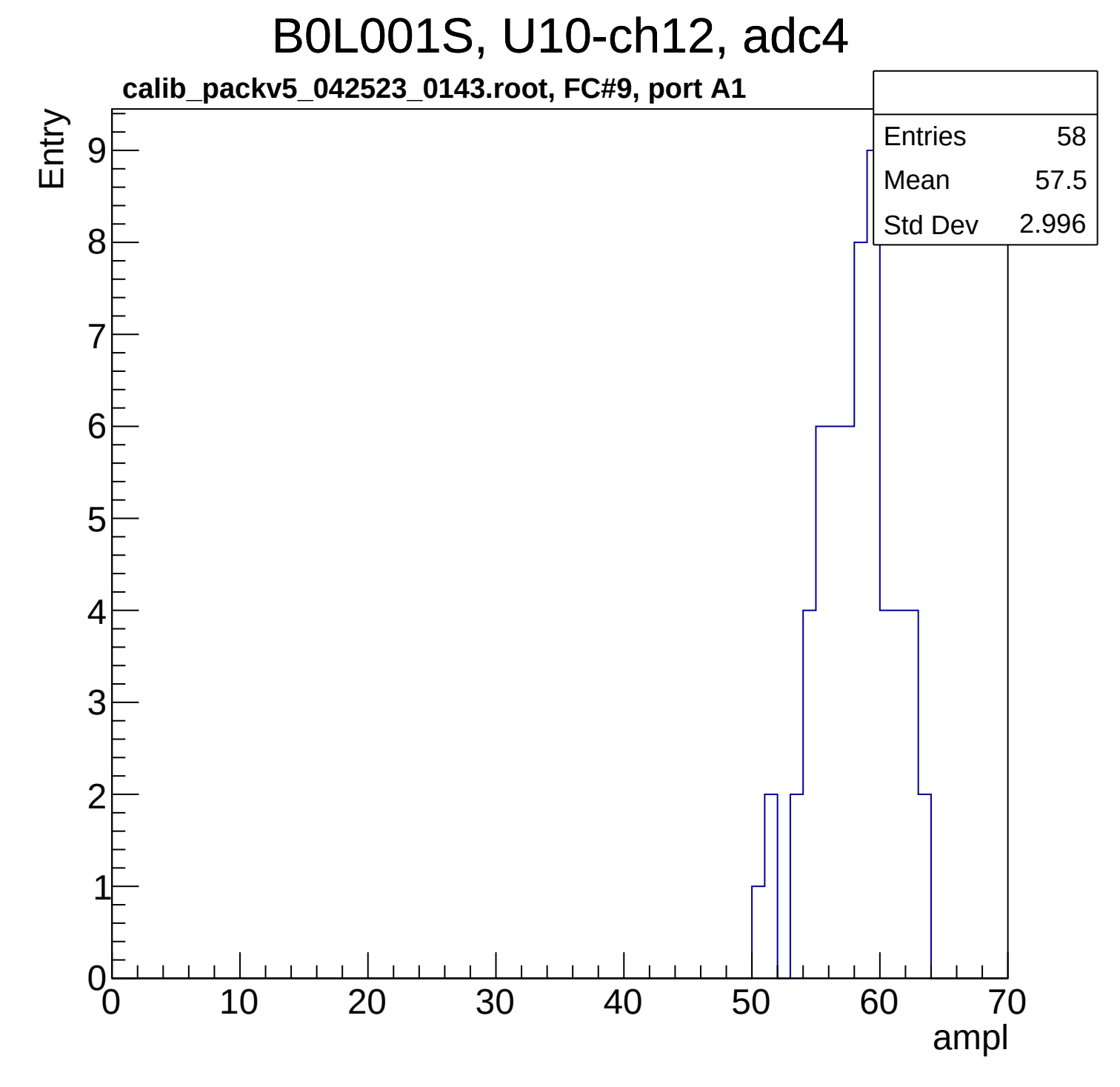

B0L001S, U10-ch12, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 51.81
Std Dev 3.136
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch12, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 57.5
Std Dev 2.996
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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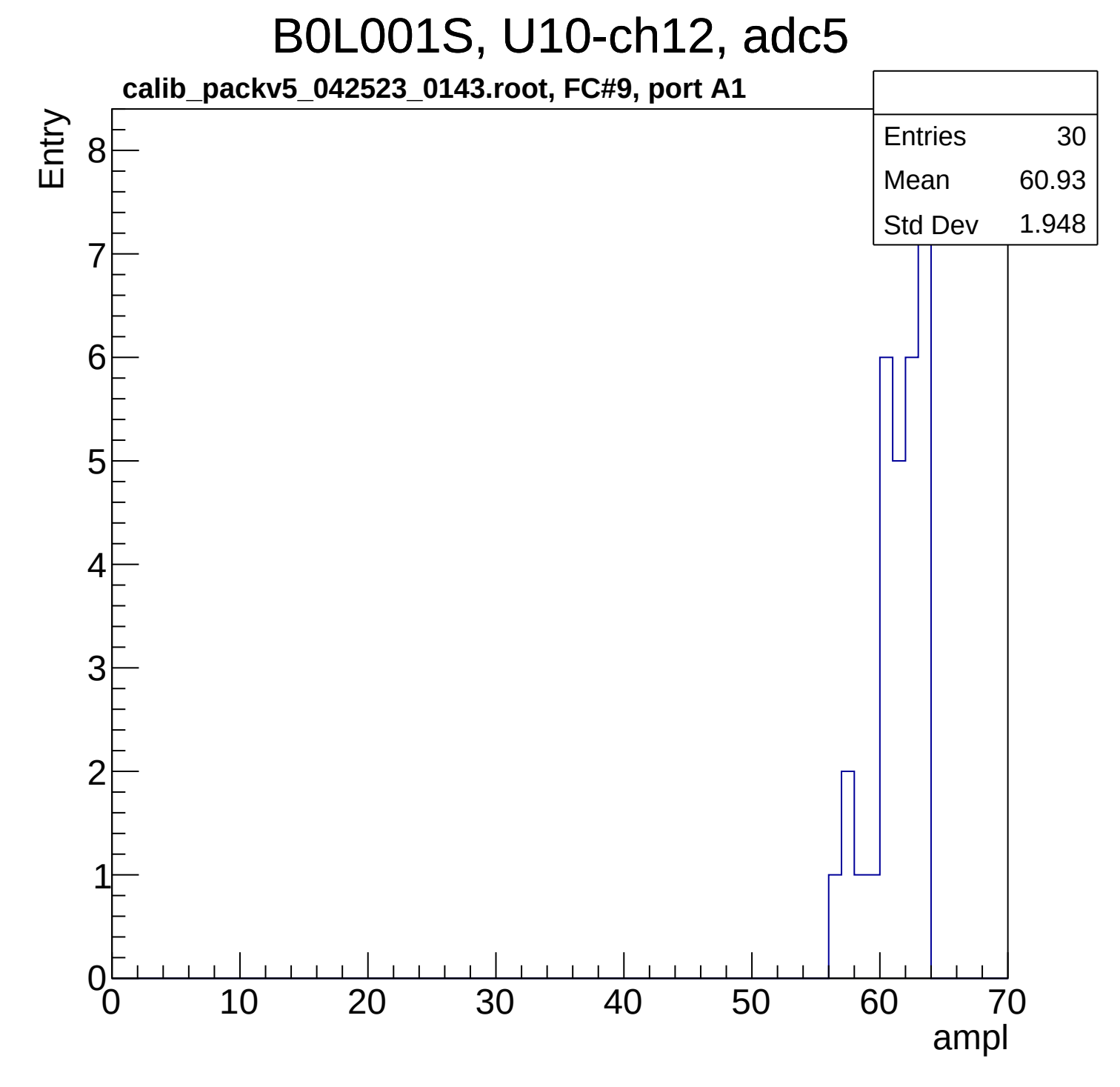
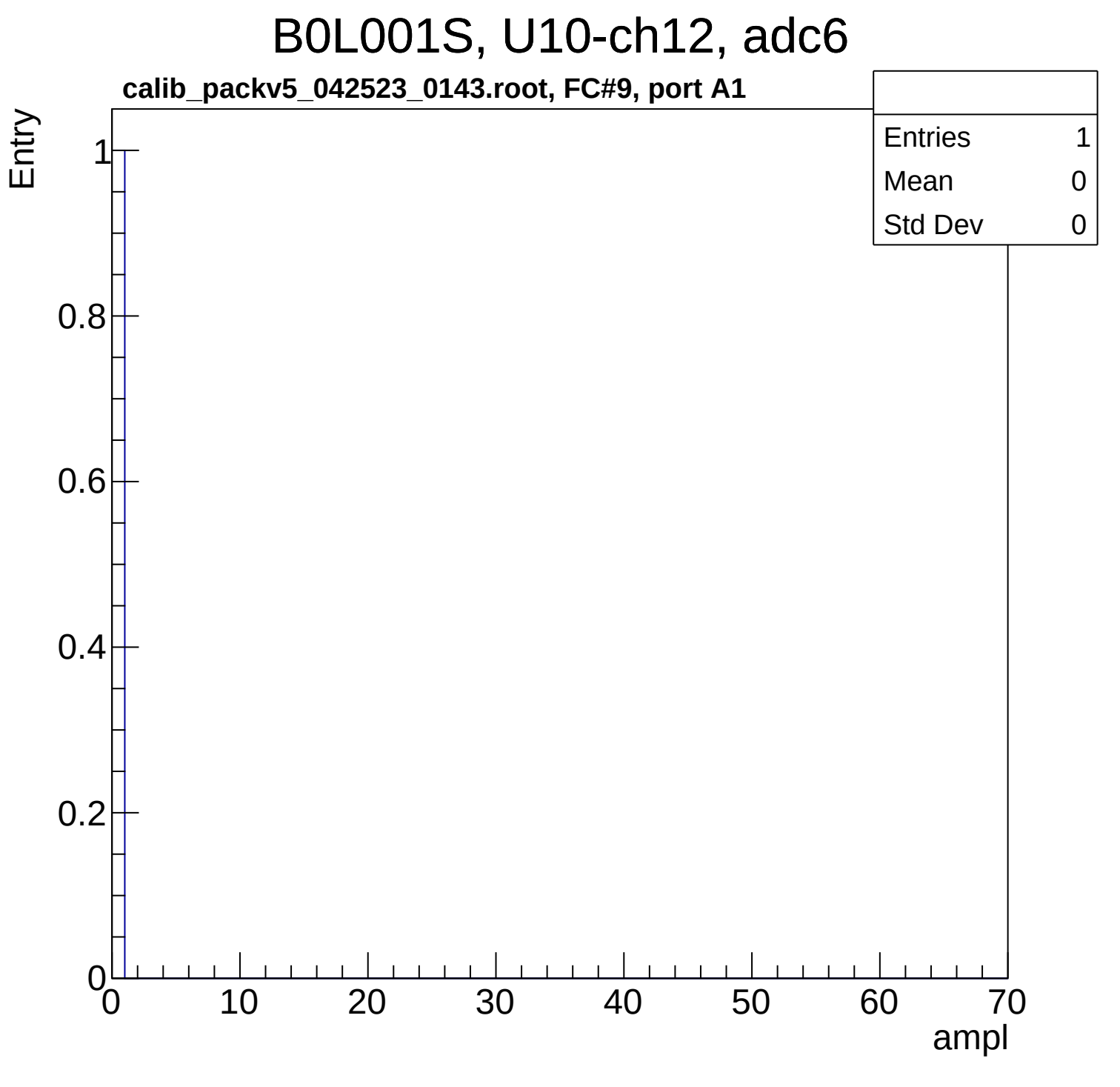
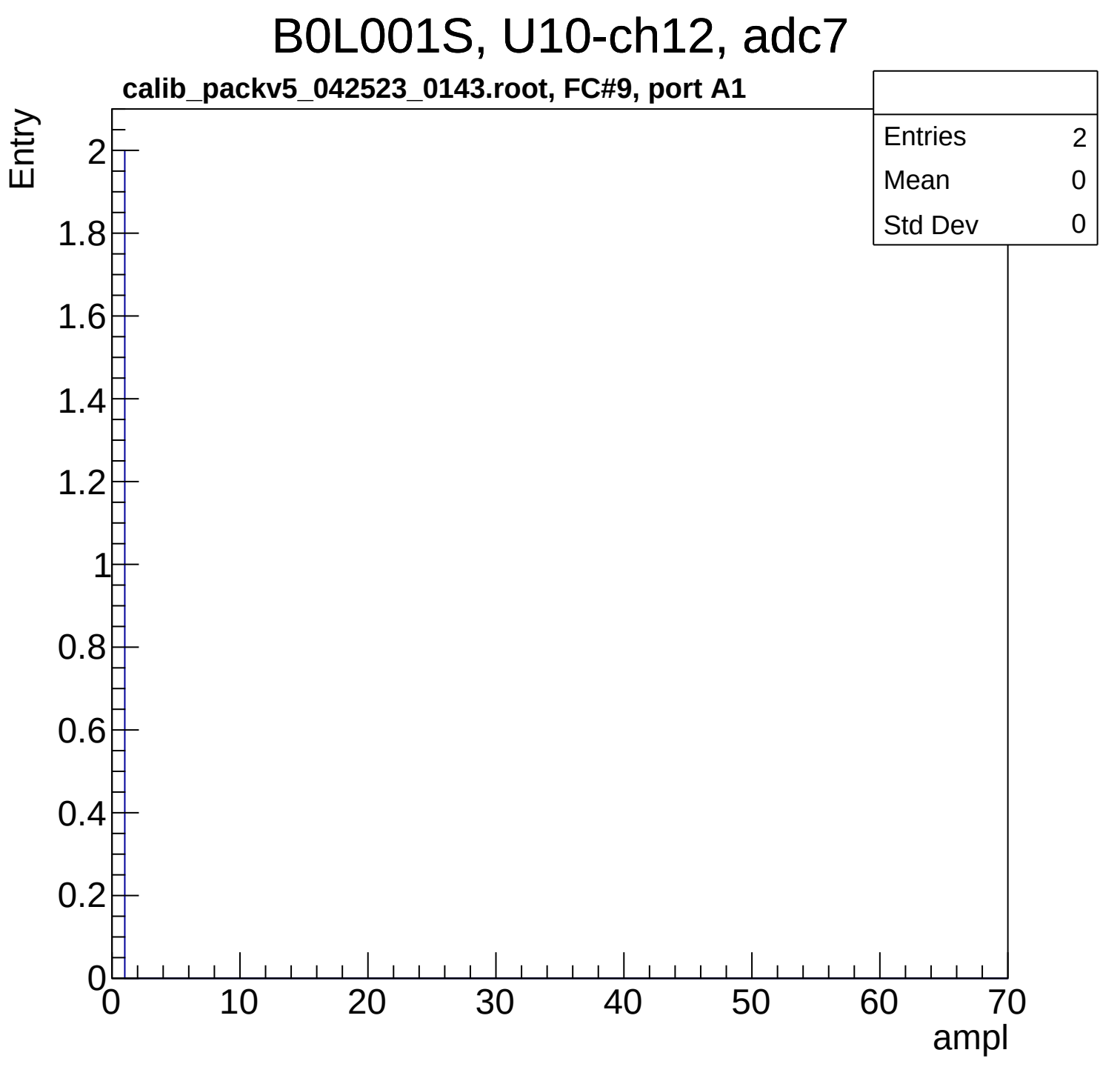
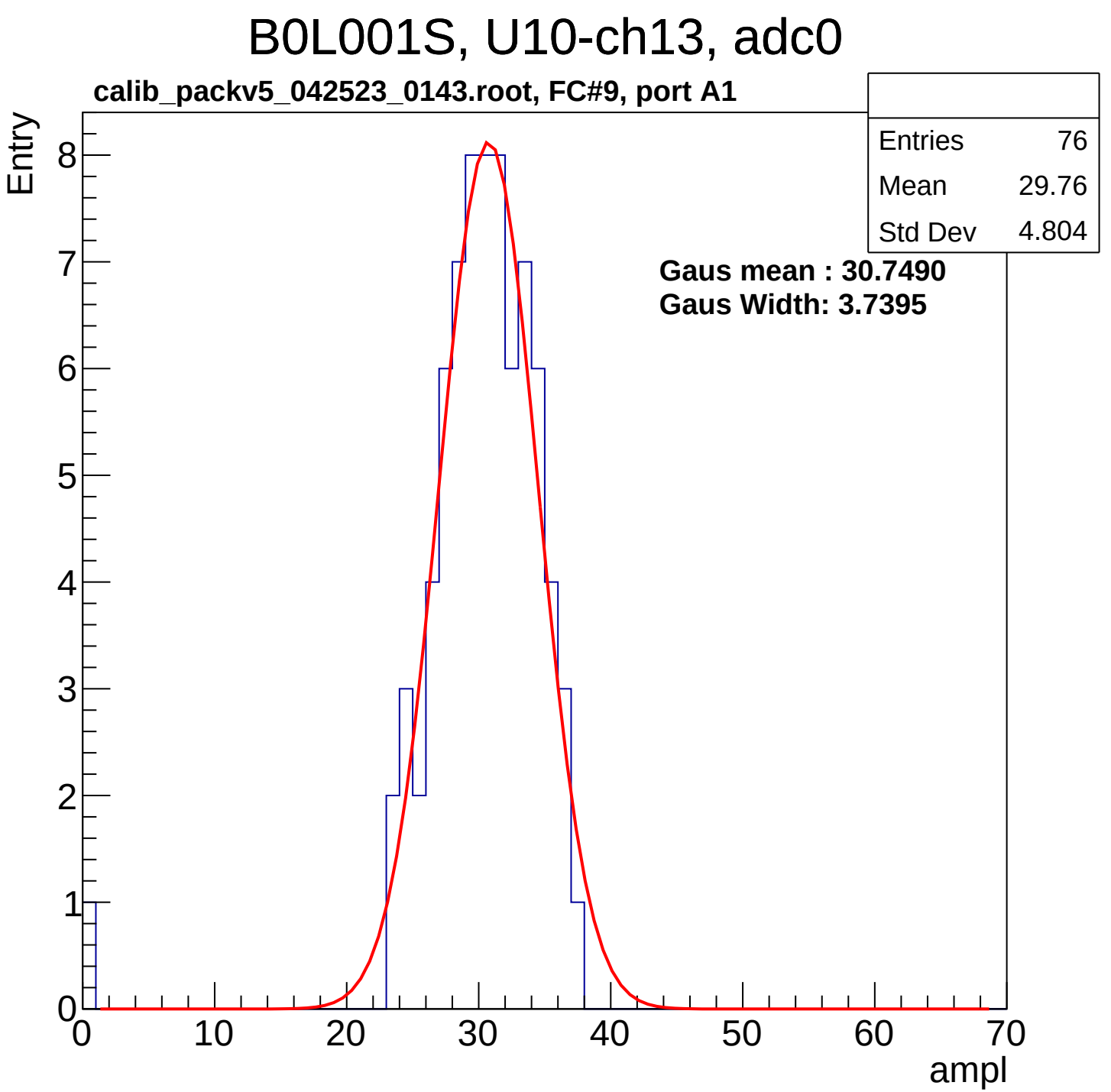
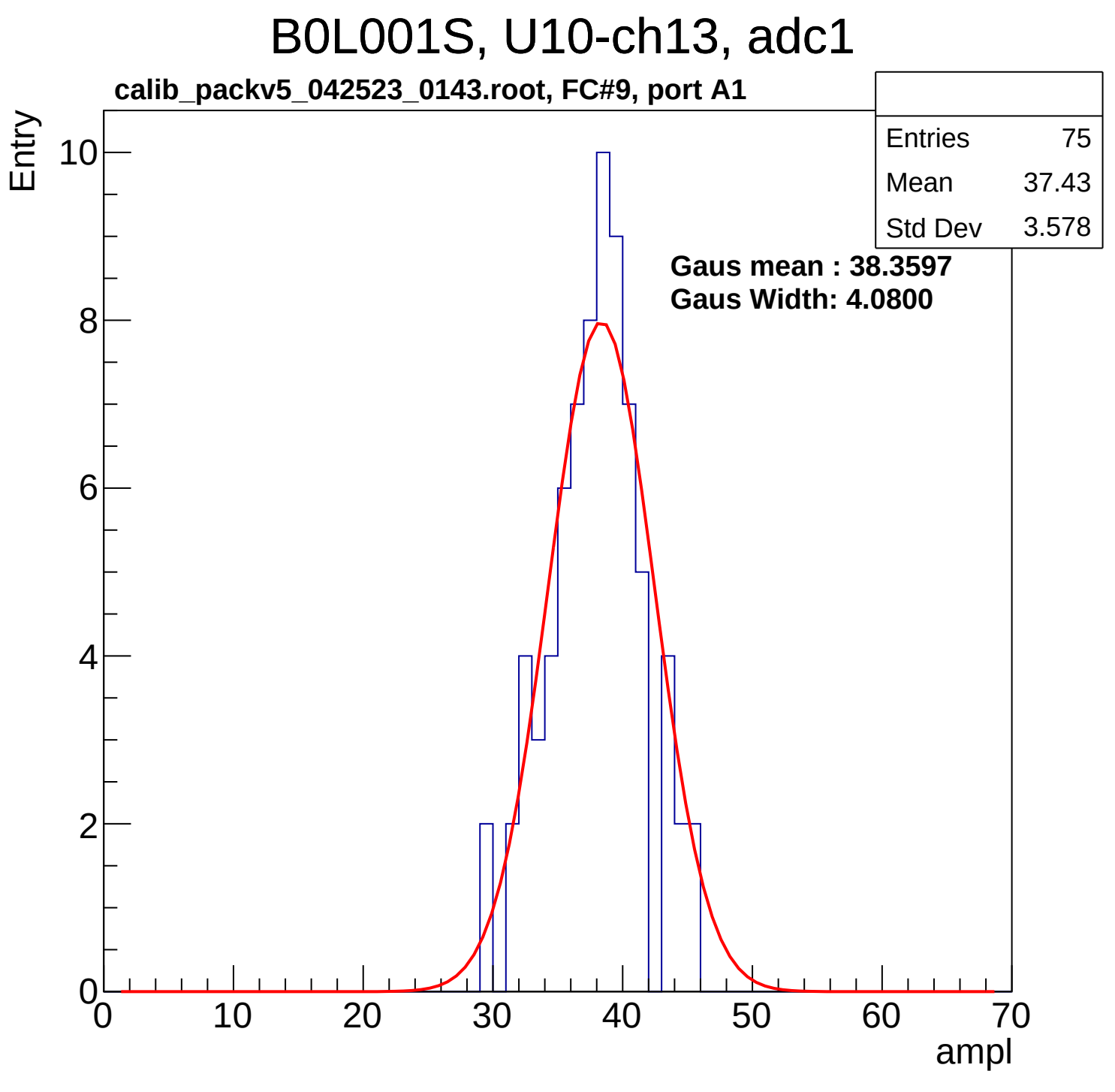
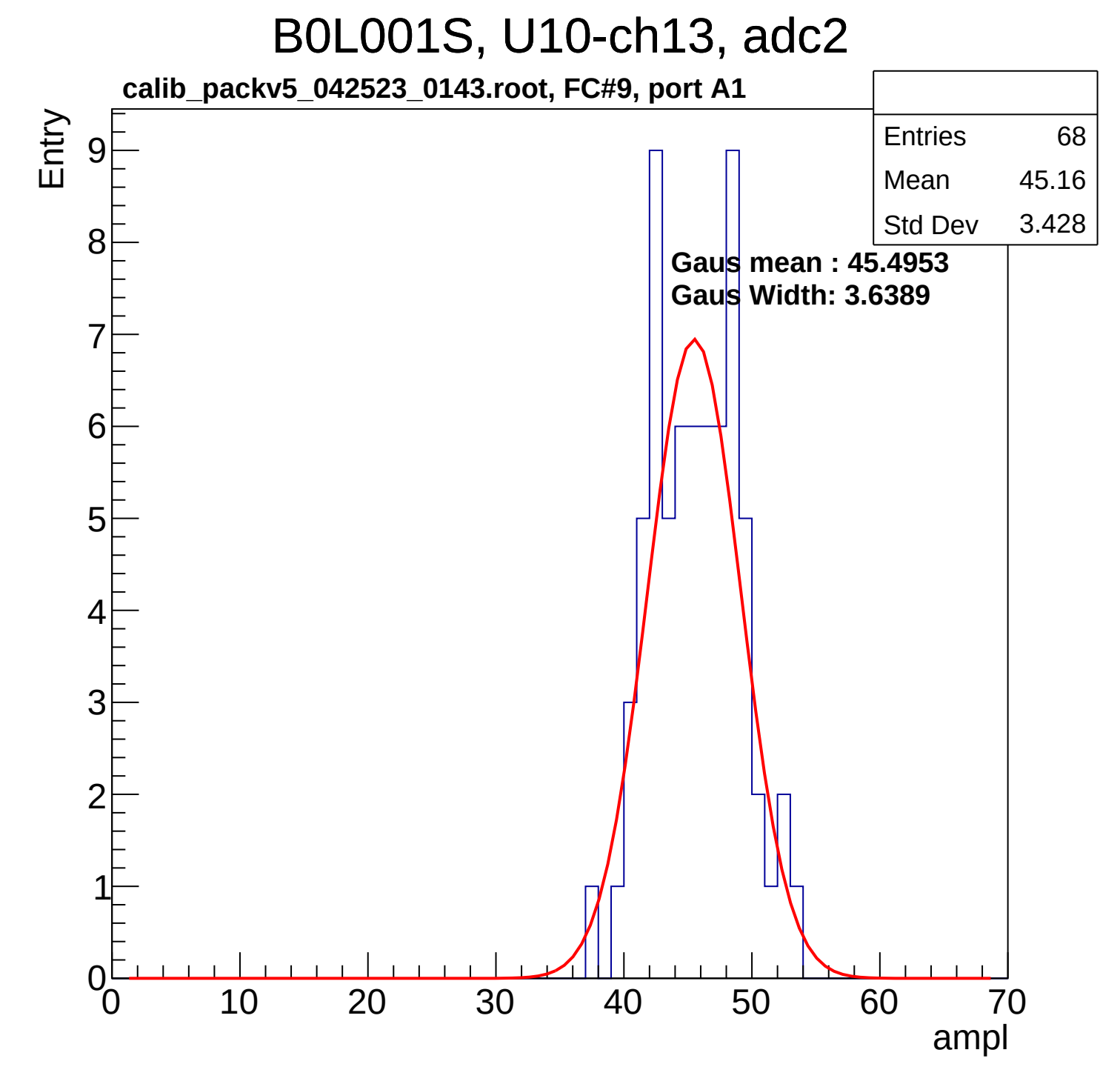

B0L001S, U10-ch12, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 30
Mean 60.93
Std Dev 1.948
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch12, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch12, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch13, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 29.76
Std Dev 4.804
Gaus mean : 30.7490
Gaus Width: 3.7395
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch13, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 37.43
Std Dev 3.578
Gaus mean : 38.3597
Gaus Width: 4.0800
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch13, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 45.16
Std Dev 3.428
Gaus mean : 45.4953
Gaus Width: 3.6389
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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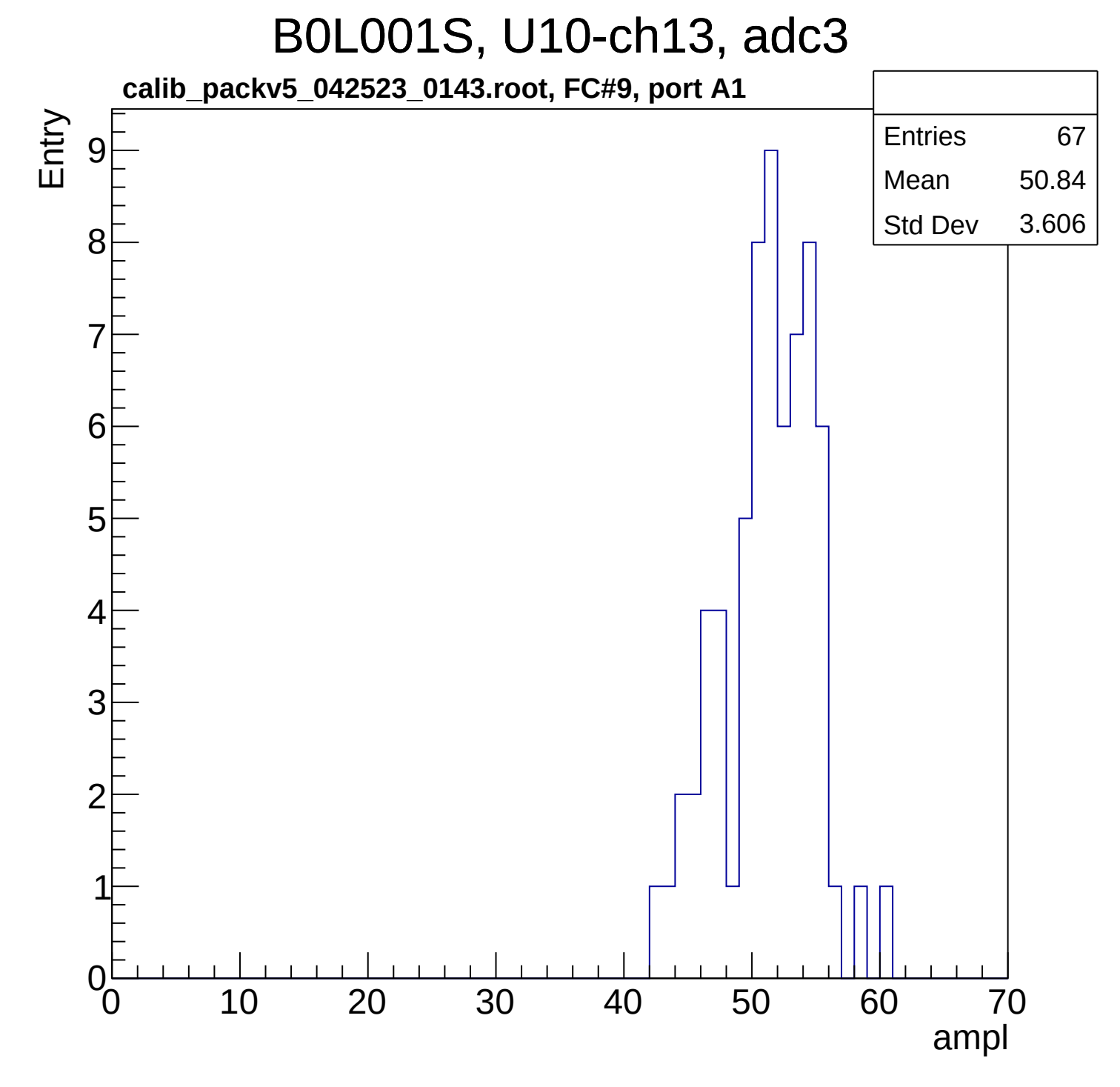
B0L001S, U10-ch13, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 50.84
Std Dev 3.606
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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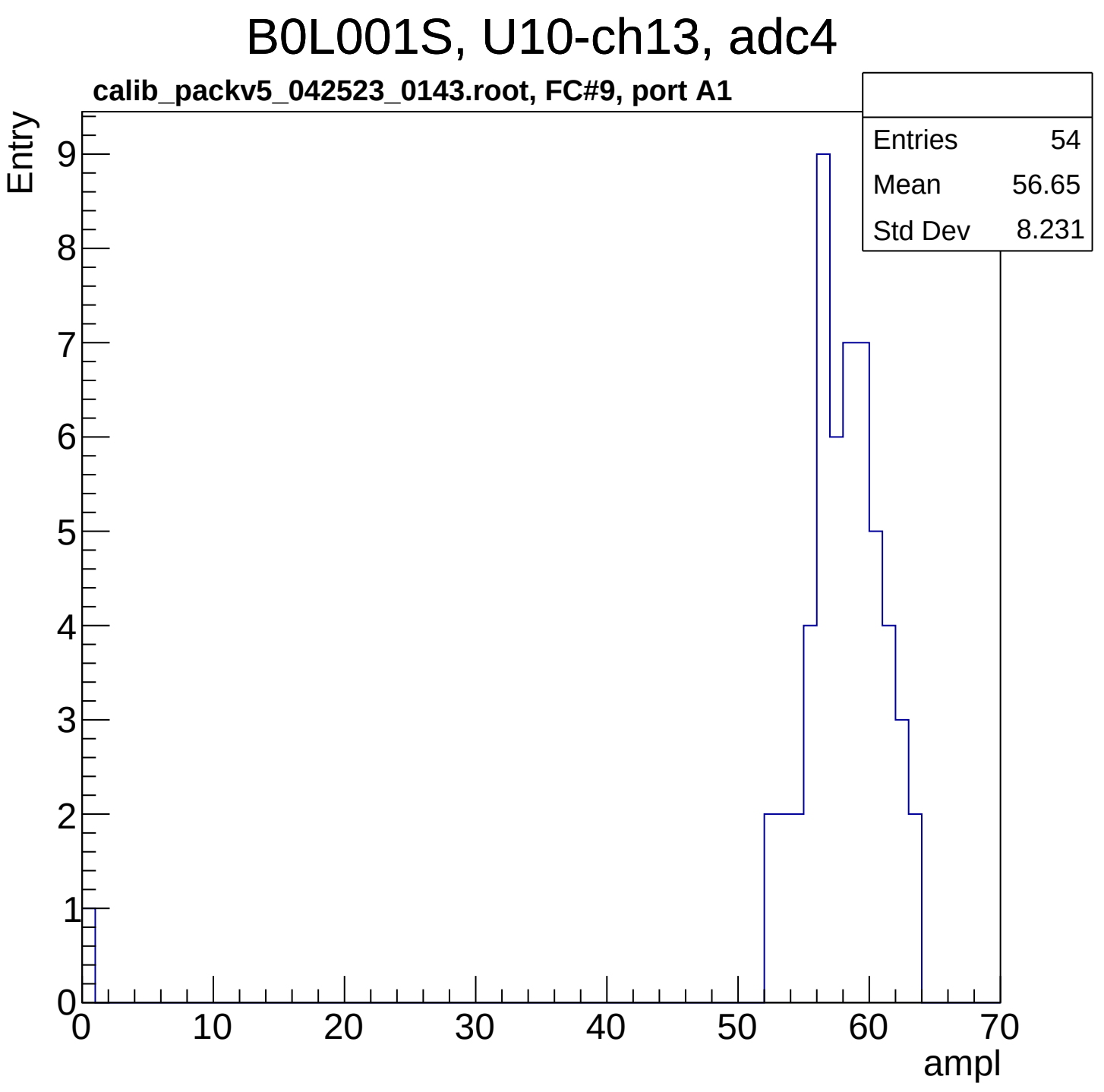
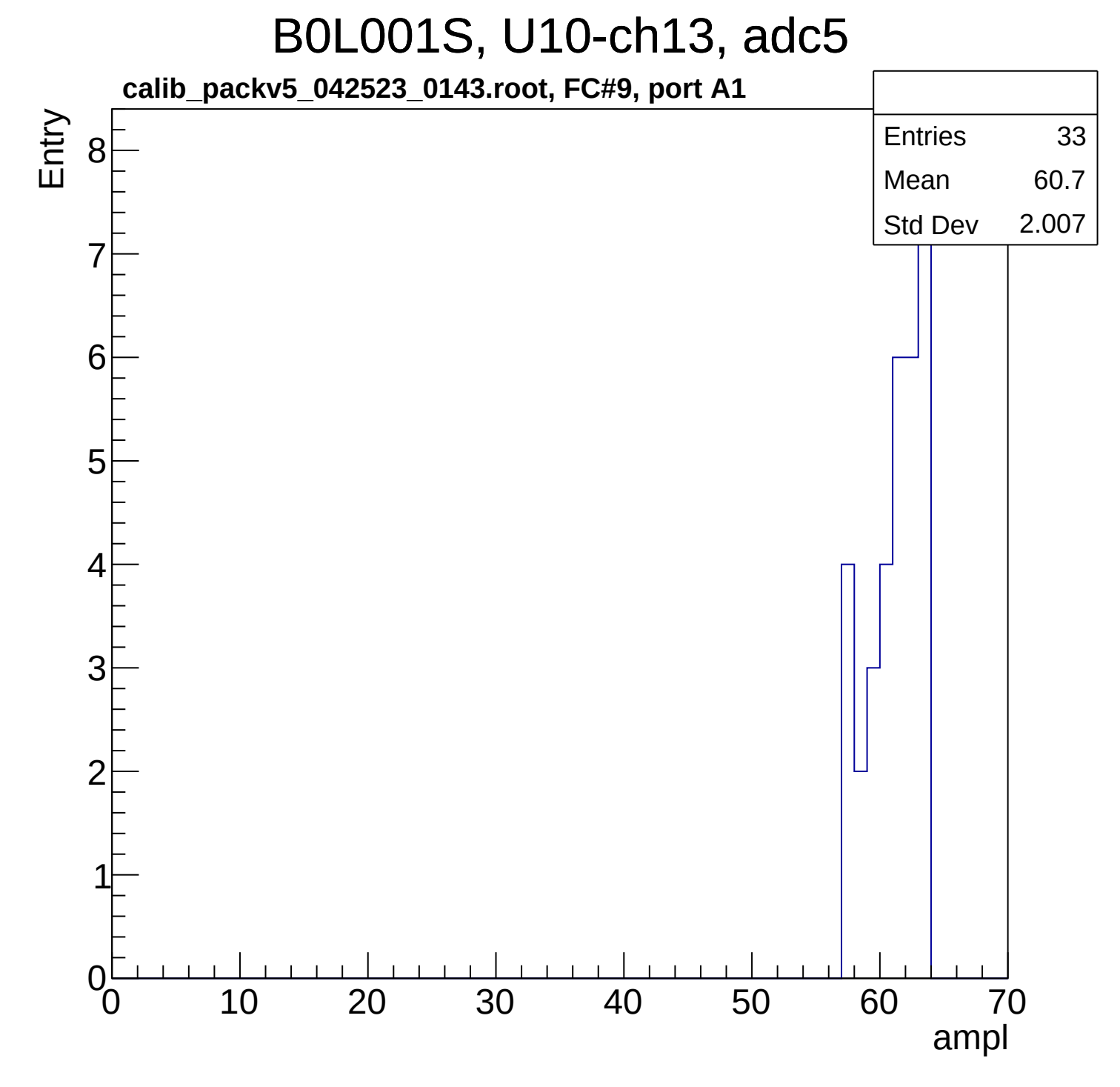
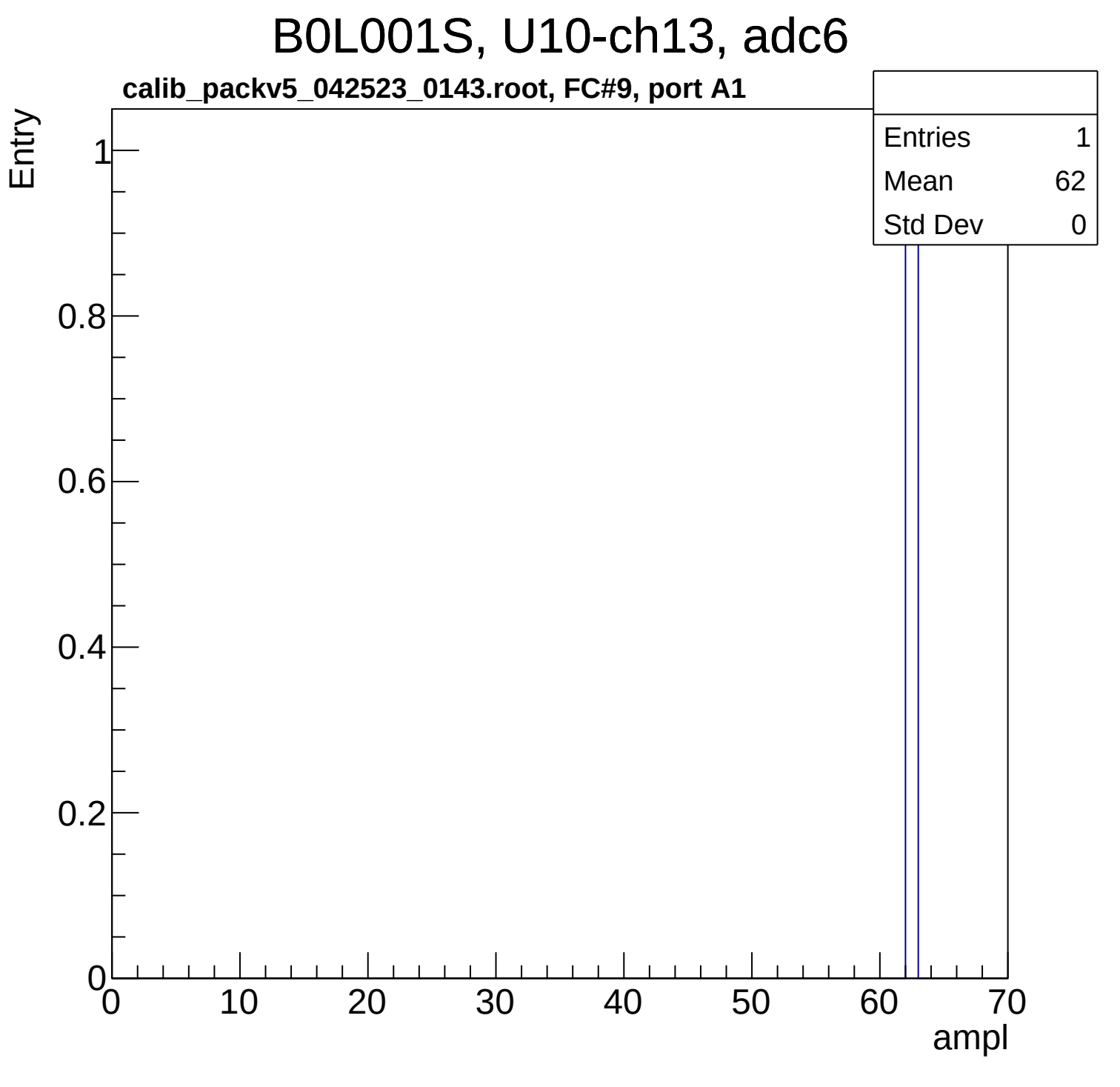
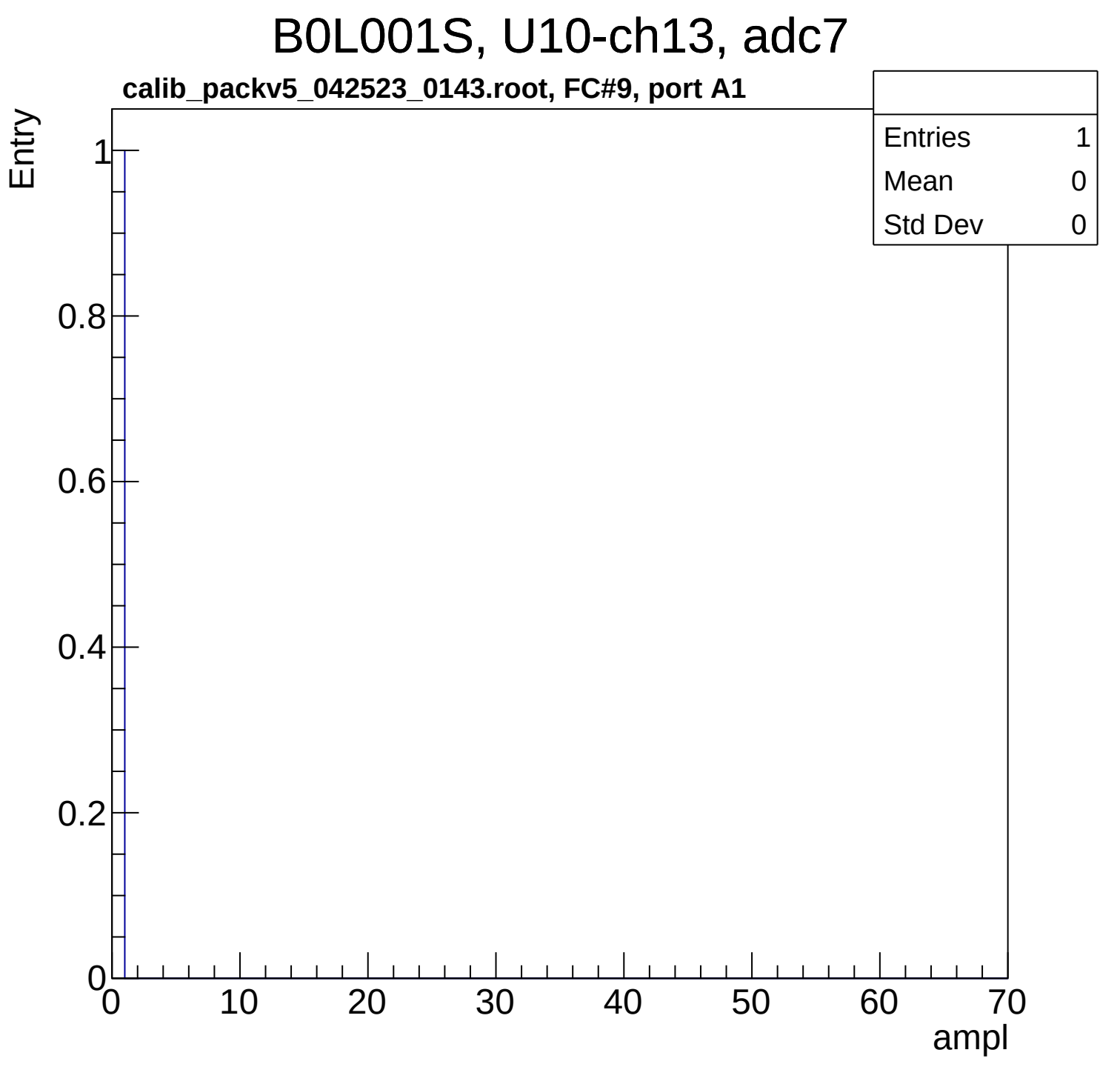
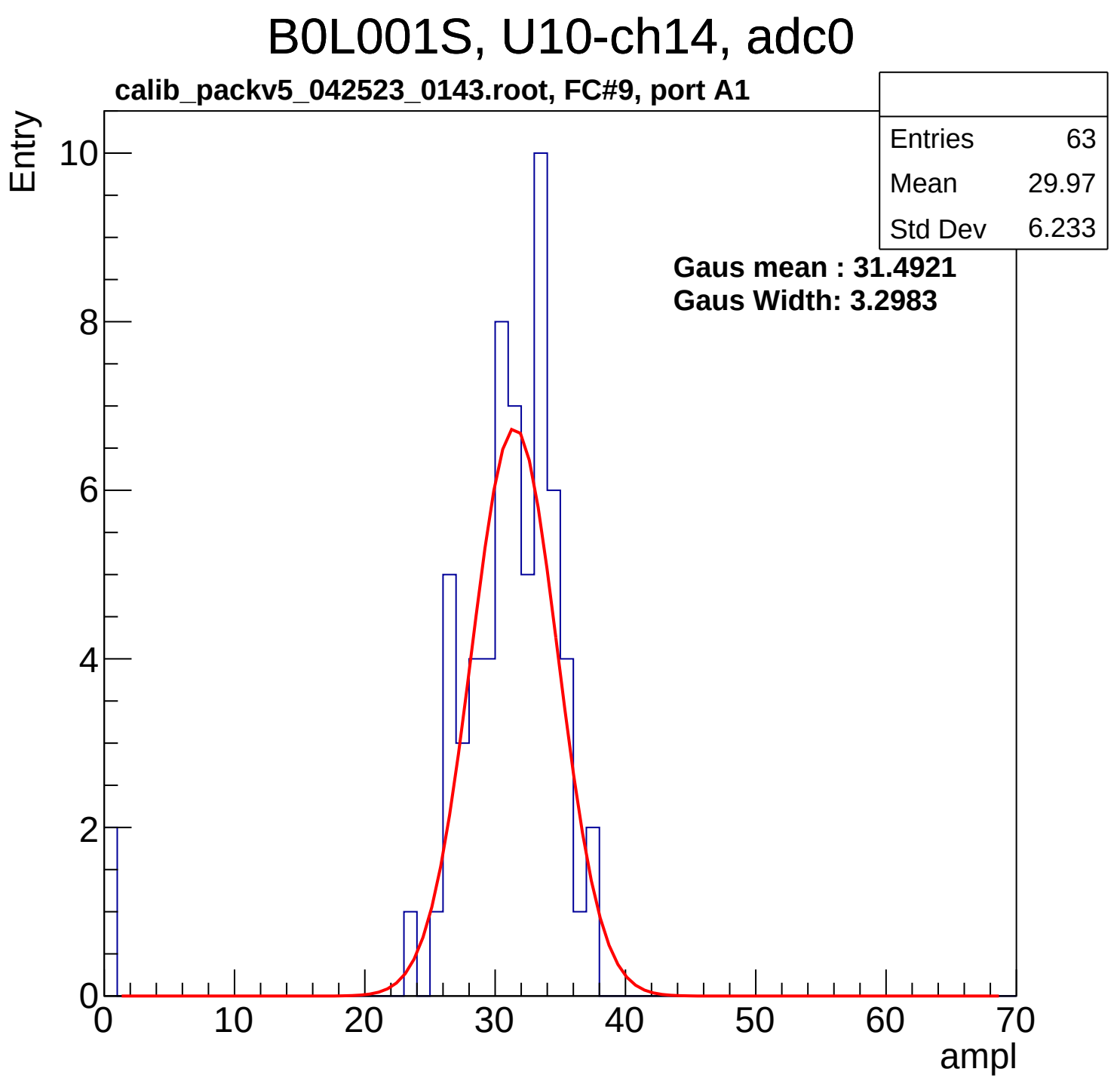
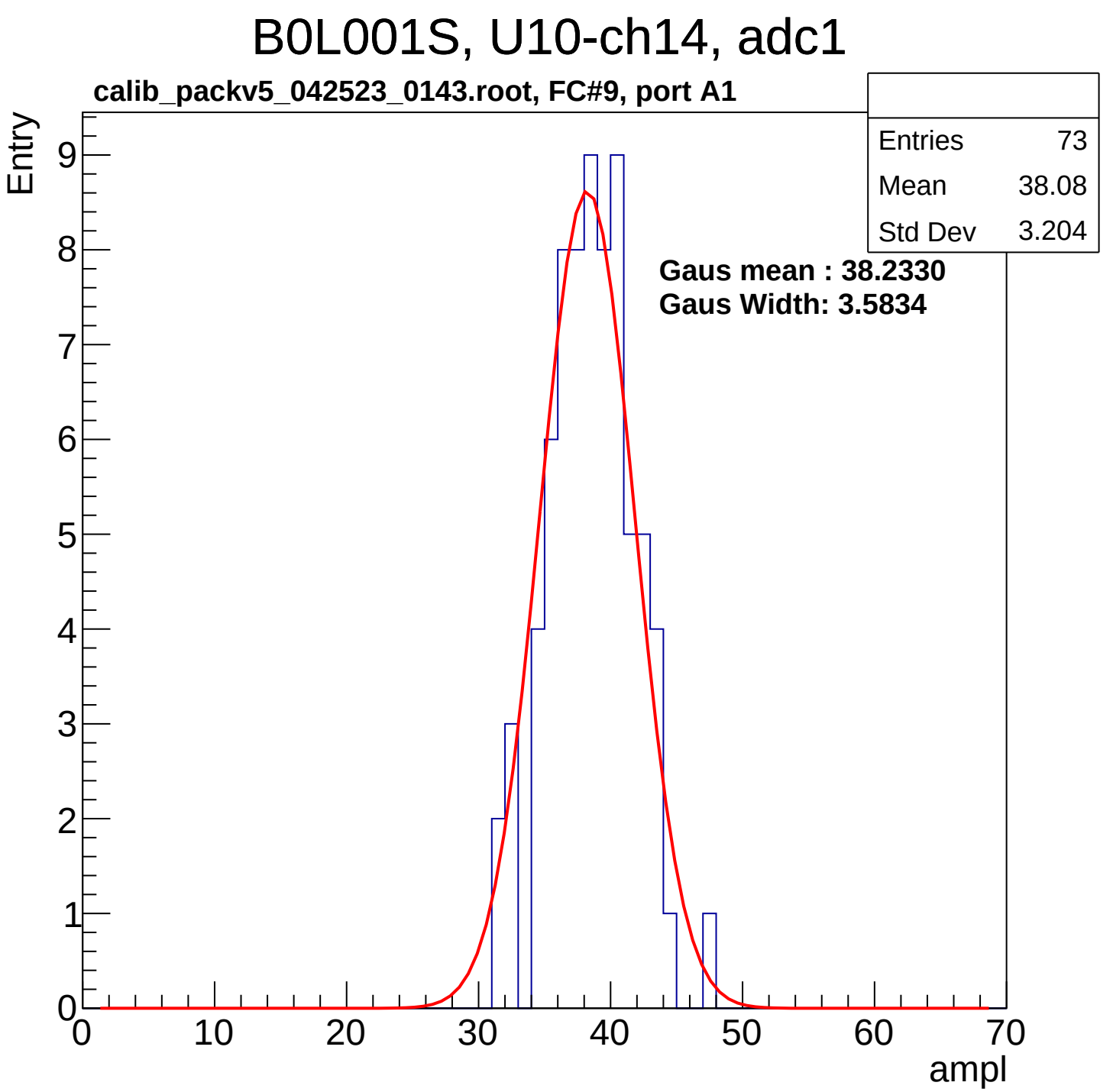

B0L001S, U10-ch13, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.65
Std Dev 8.231
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch13, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 60.7
Std Dev 2.007
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch13, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch13, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch14, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 29.97
Std Dev 6.233
Gaus mean : 31.4921
Gaus Width: 3.2983
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch14, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 38.08
Std Dev 3.204
Gaus mean : 38.2330
Gaus Width: 3.5834
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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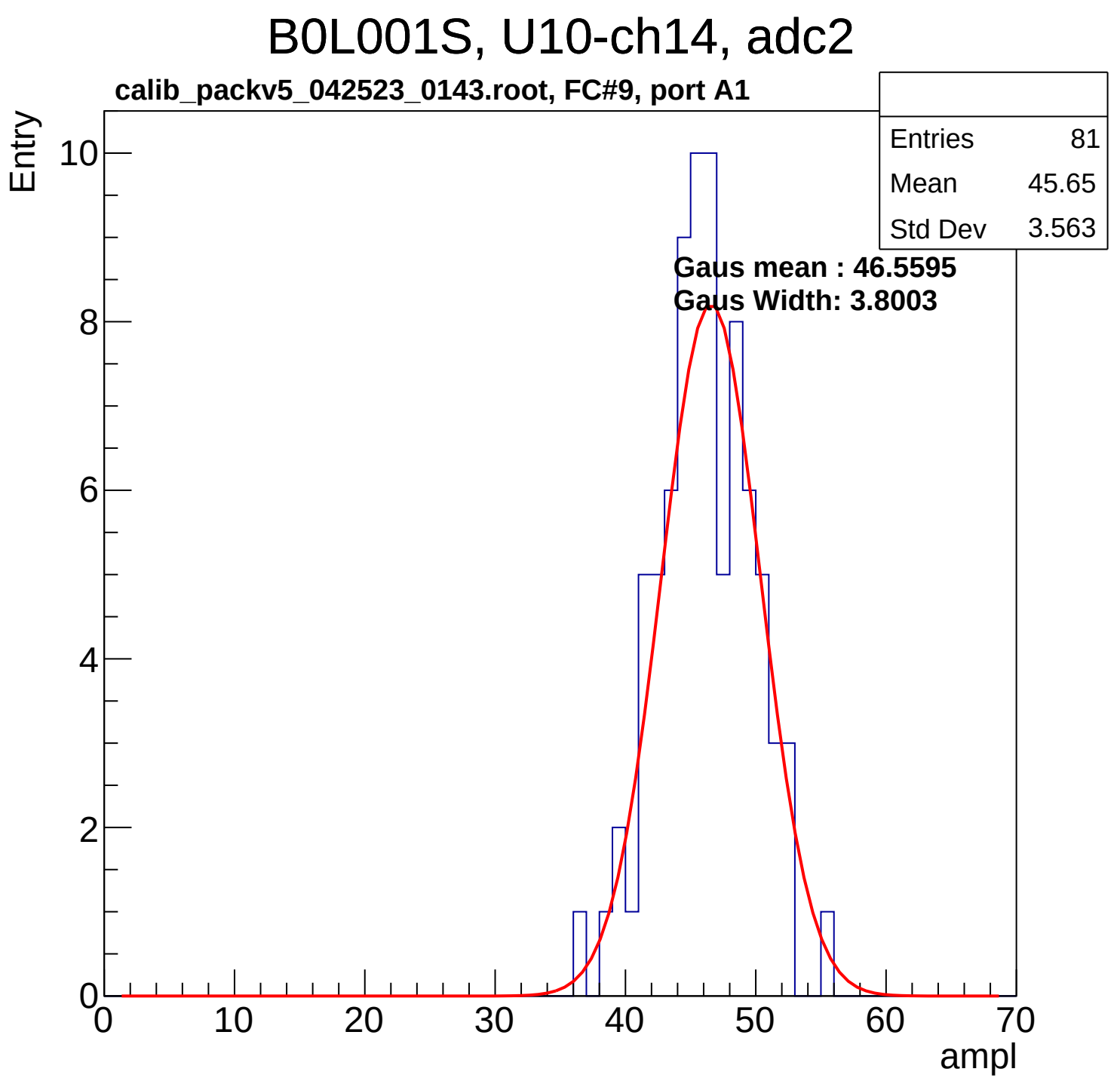
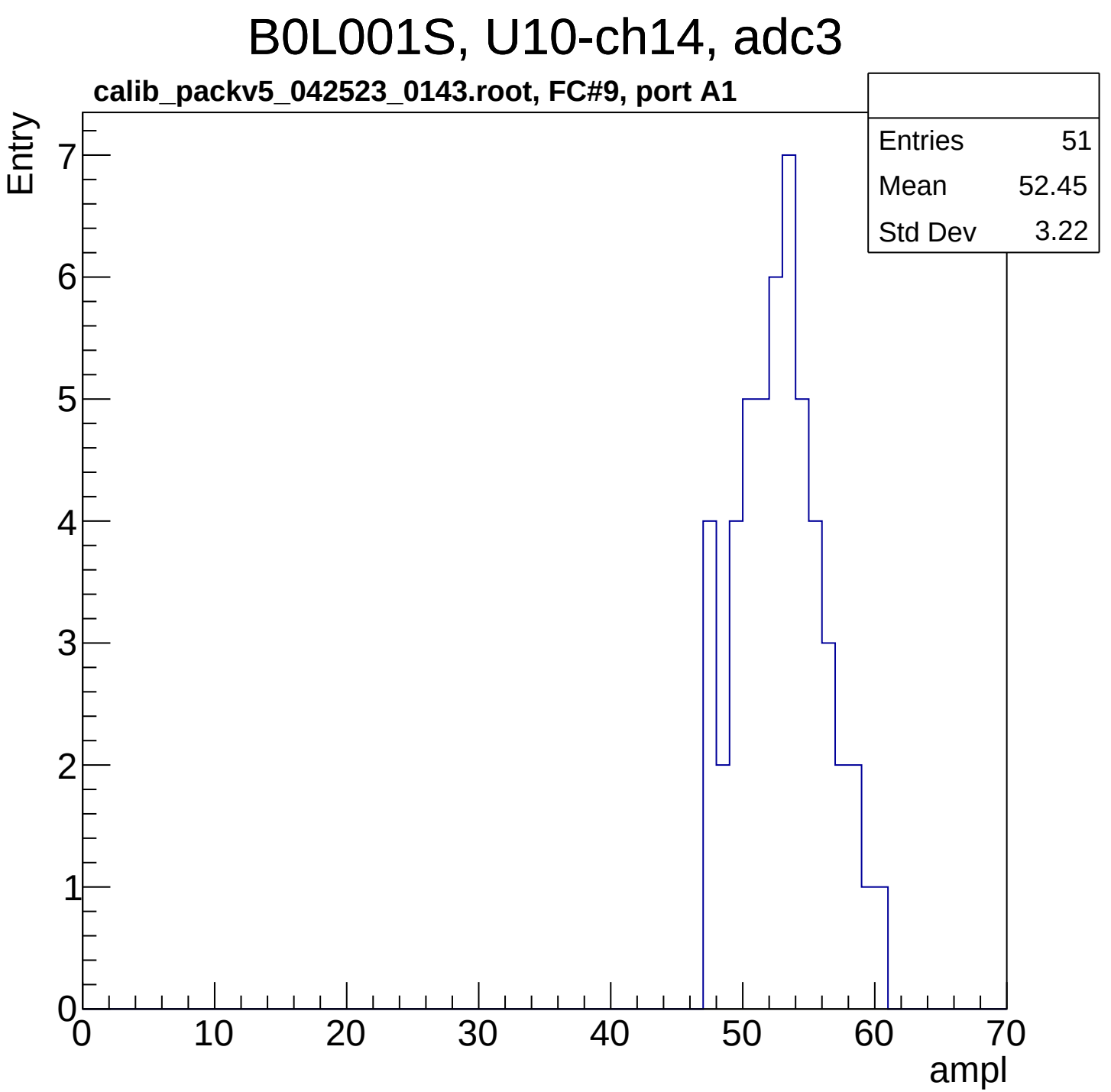

B0L001S, U10-ch14, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 45.65
Std Dev 3.563
Gaus mean : 46.5595
Gaus Width: 3.8003
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch14, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 52.45
Std Dev 3.22
Entry
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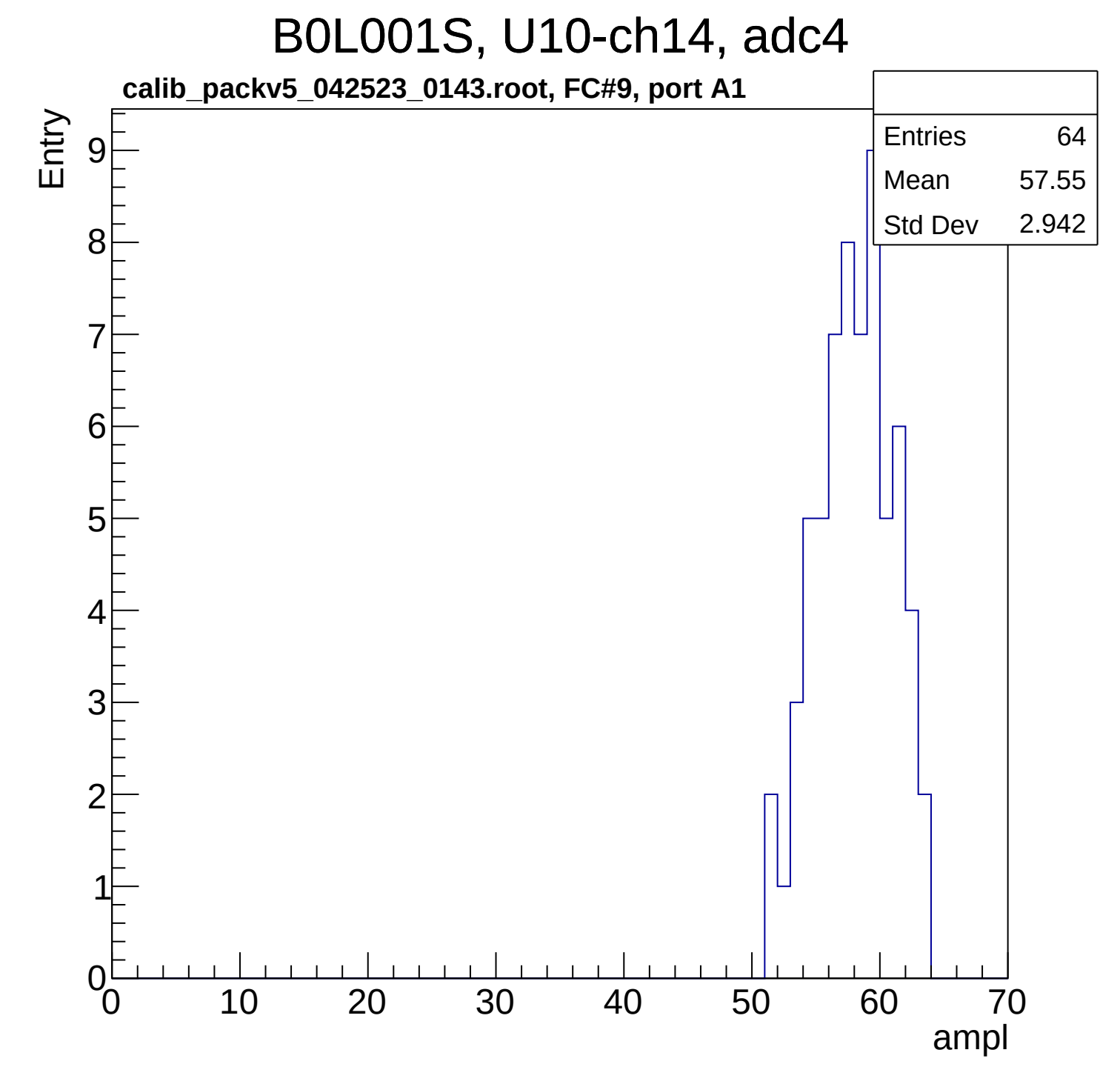
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch14, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 57.55
Std Dev 2.942
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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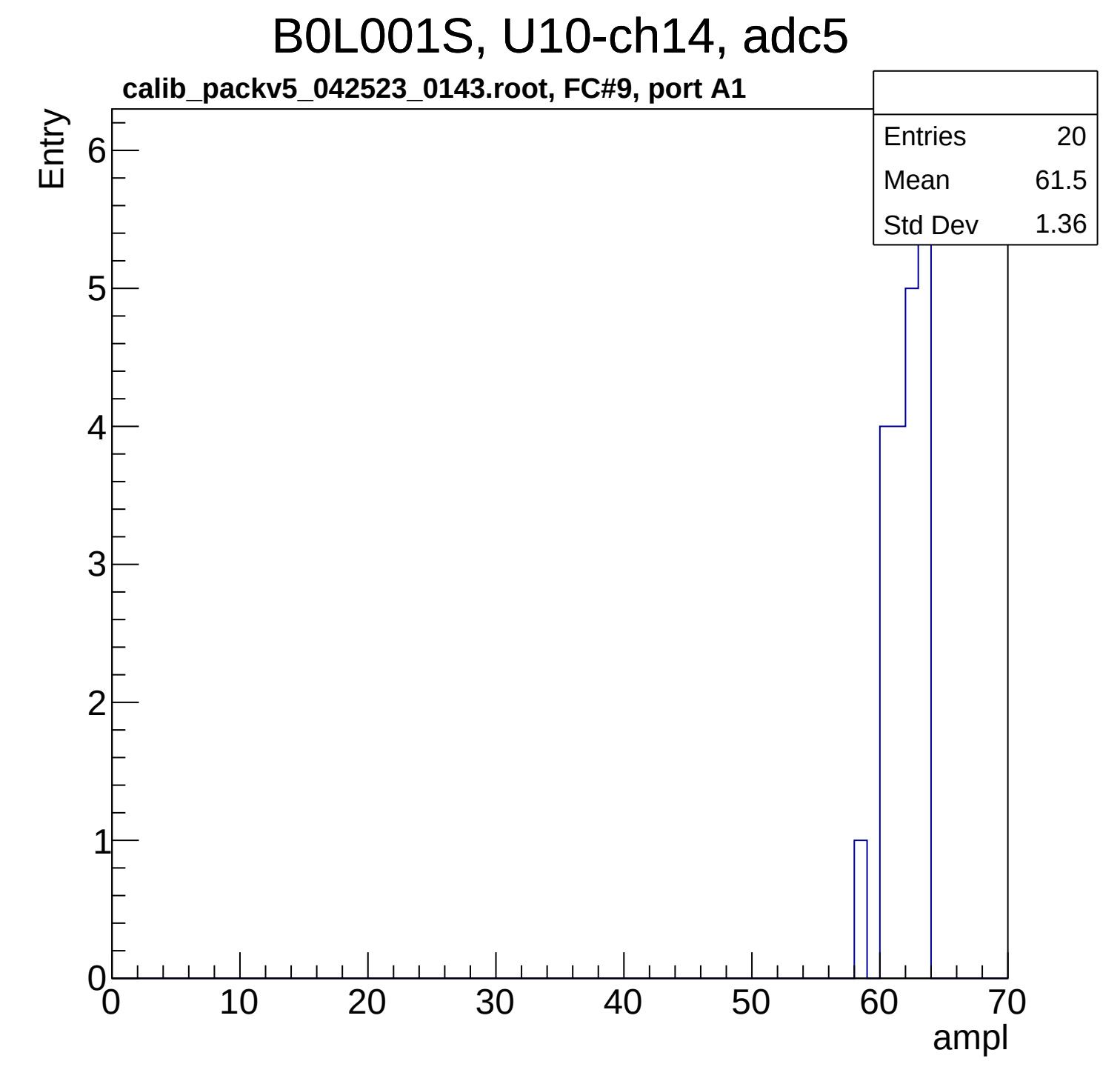
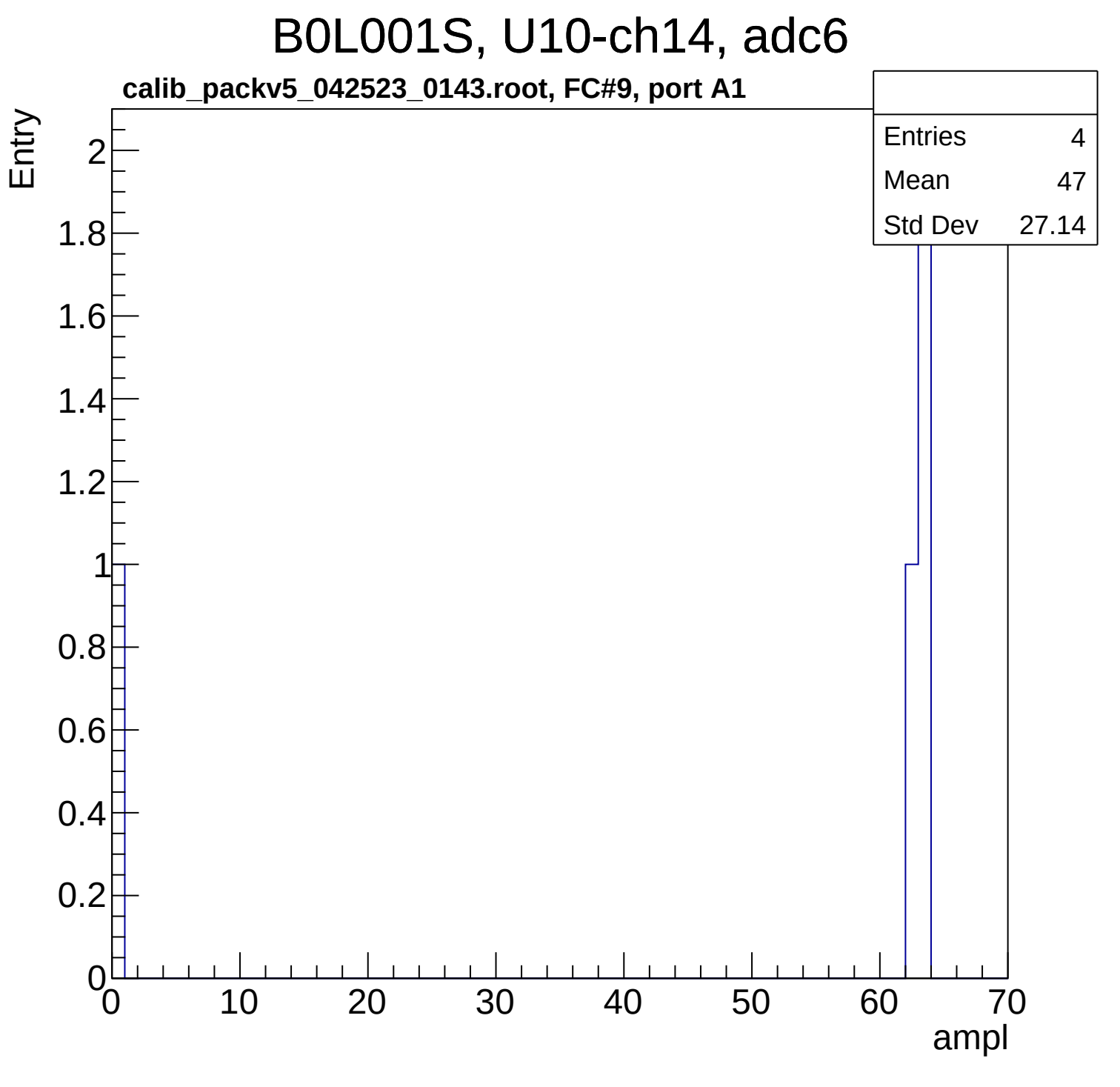
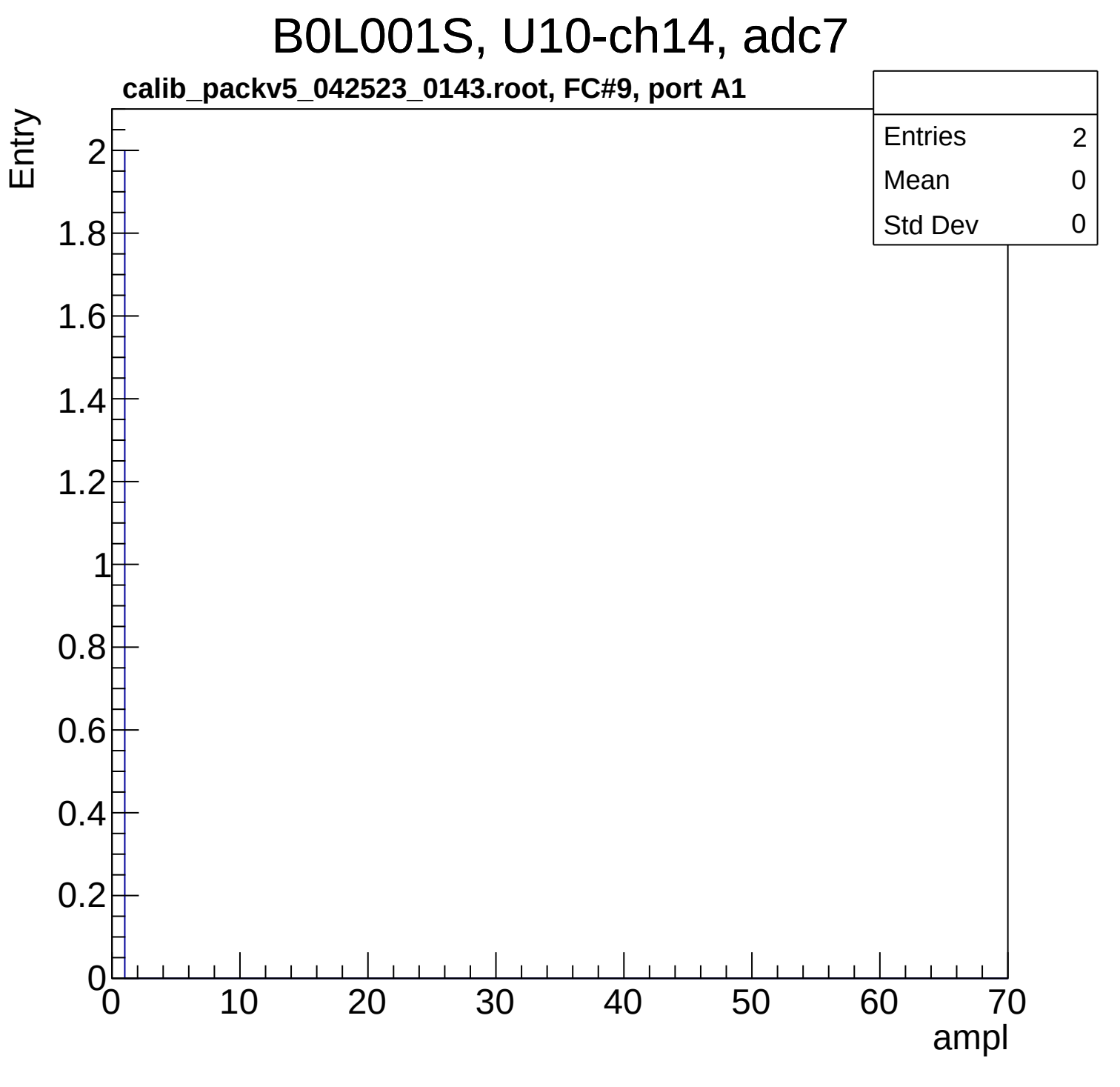
60
70


B0L001S, U10-ch14, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 20
Mean 61.5
Std Dev 1.36
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch14, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 47
Std Dev 27.14
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U10-ch14, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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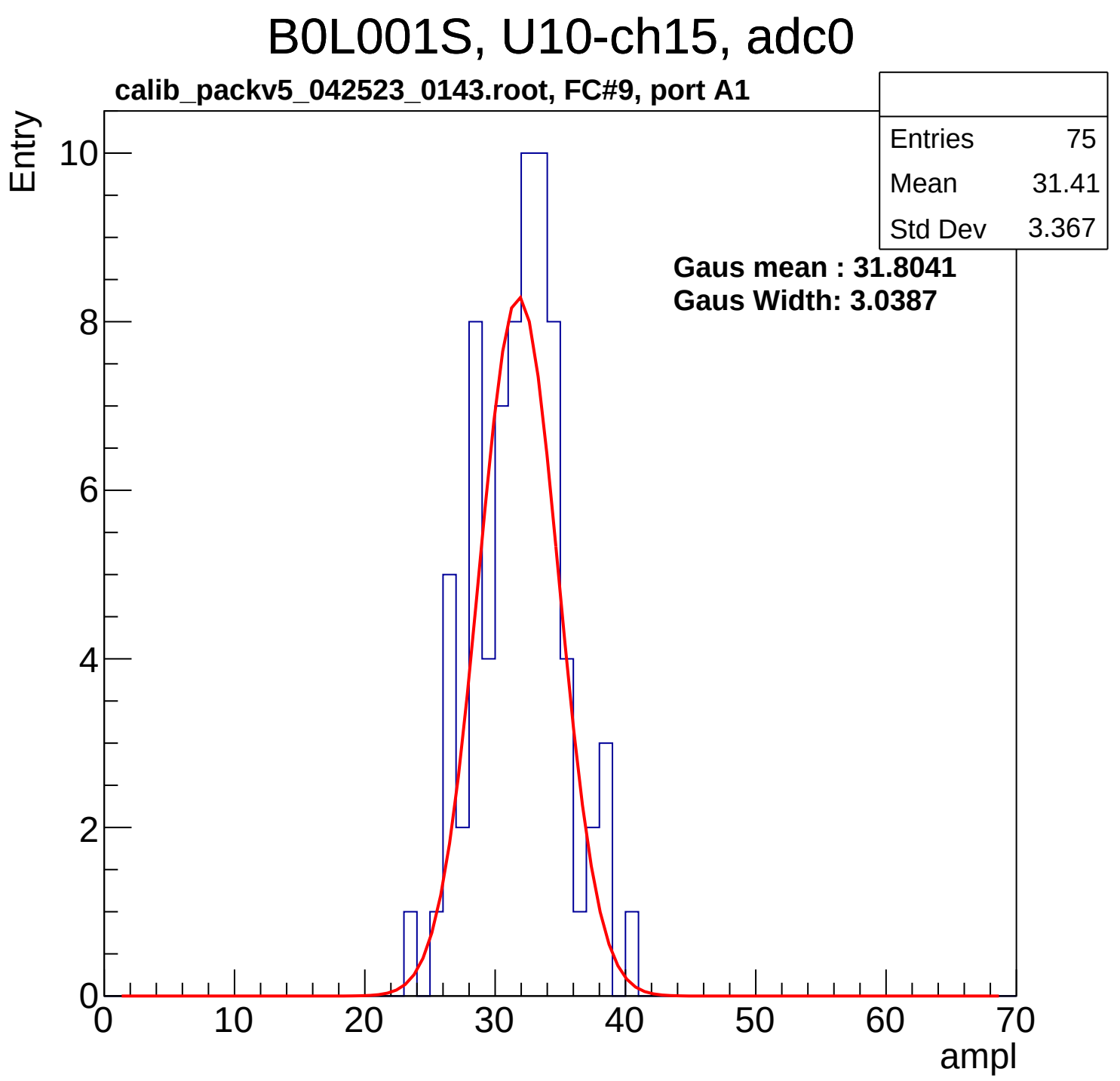
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch15, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 31.41
Std Dev 3.367
Gaus mean : 31.8041
Gaus Width: 3.0387
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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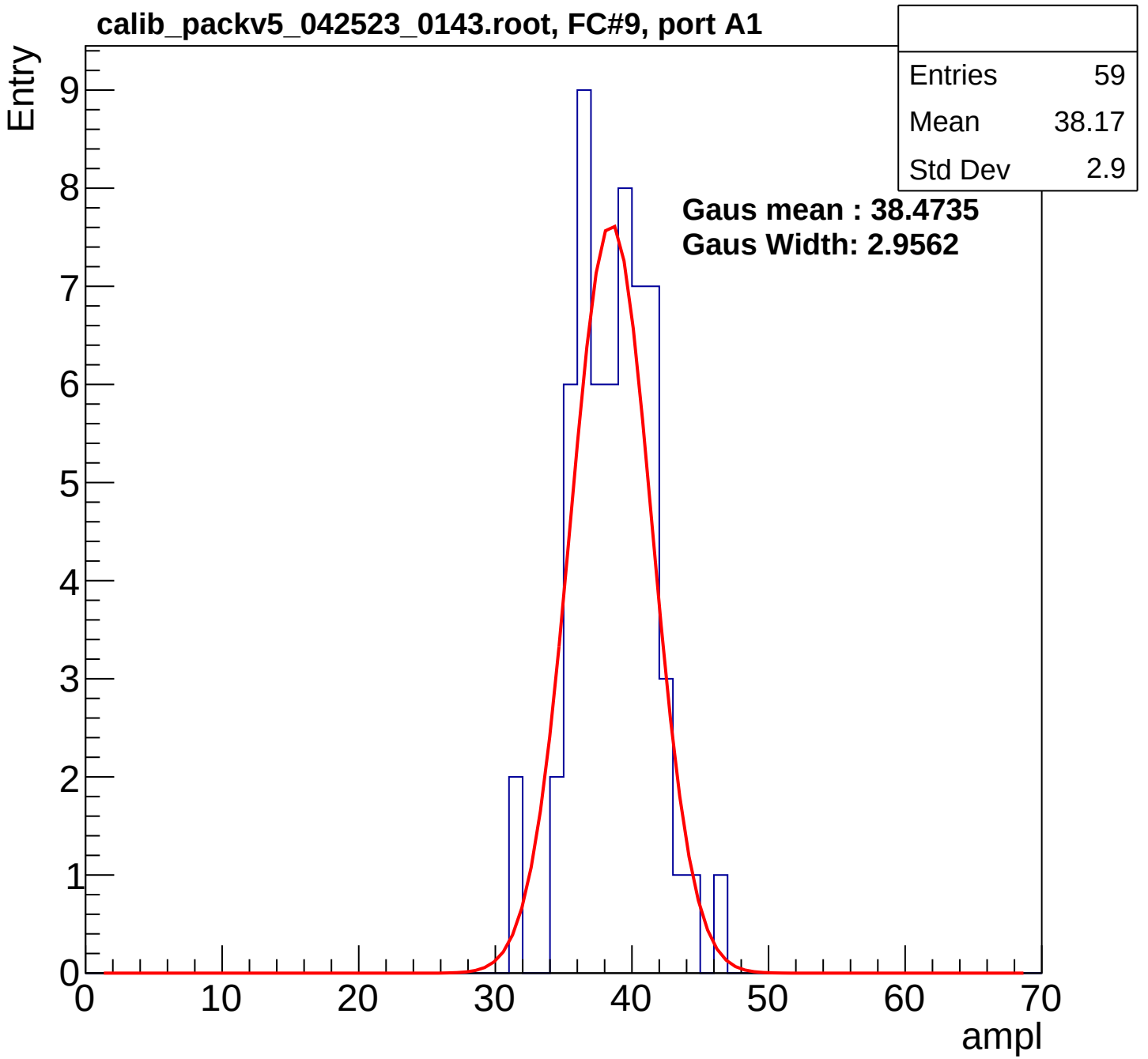
B0L001S, U10-ch15, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 38.17
Std Dev 2.9
Gaus mean : 38.4735
Gaus Width: 2.9562
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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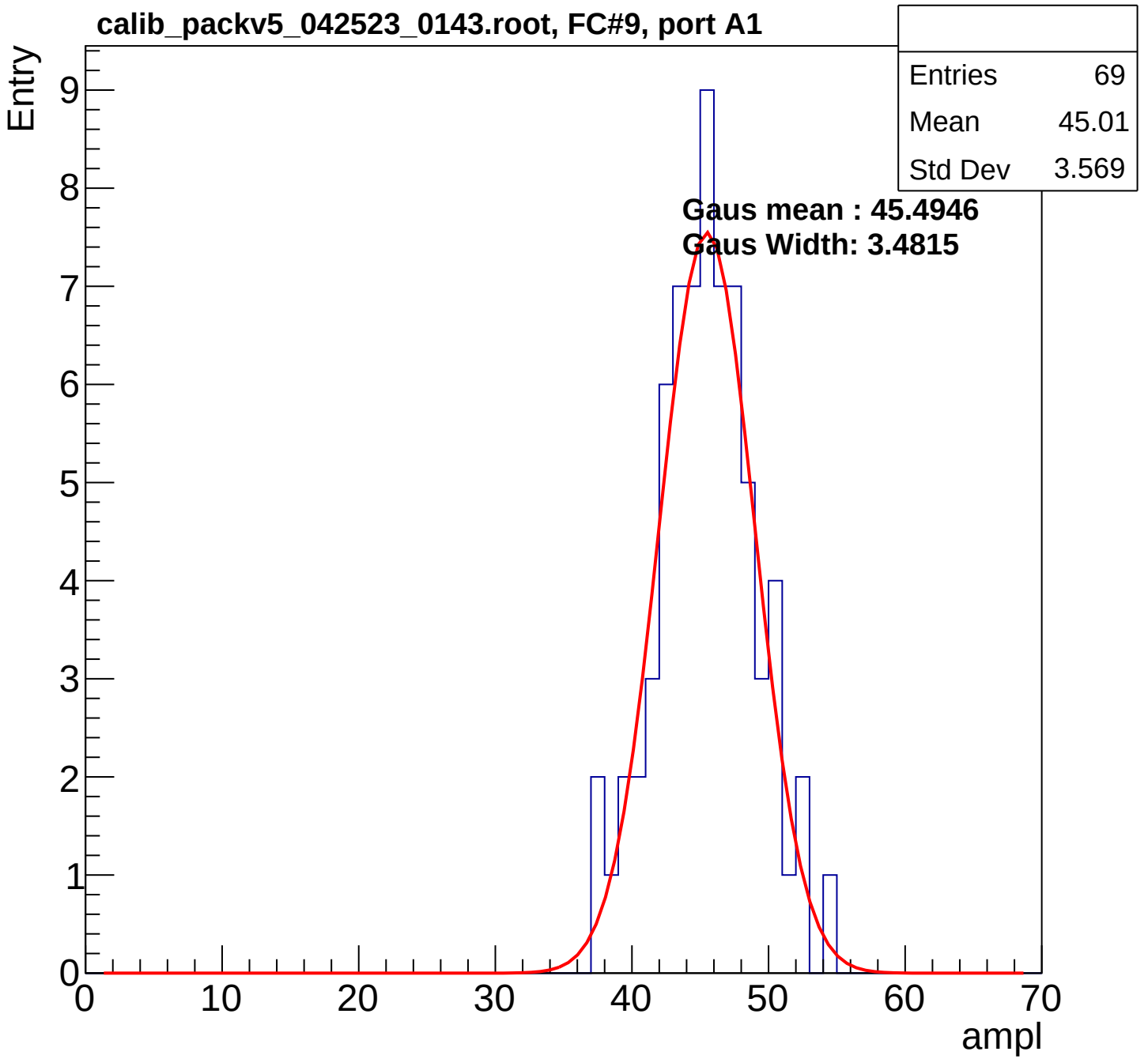
B0L001S, U10-ch15, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 45.01
Std Dev 3.569
Gaus mean : 45.4946
Gaus Width: 3.4815
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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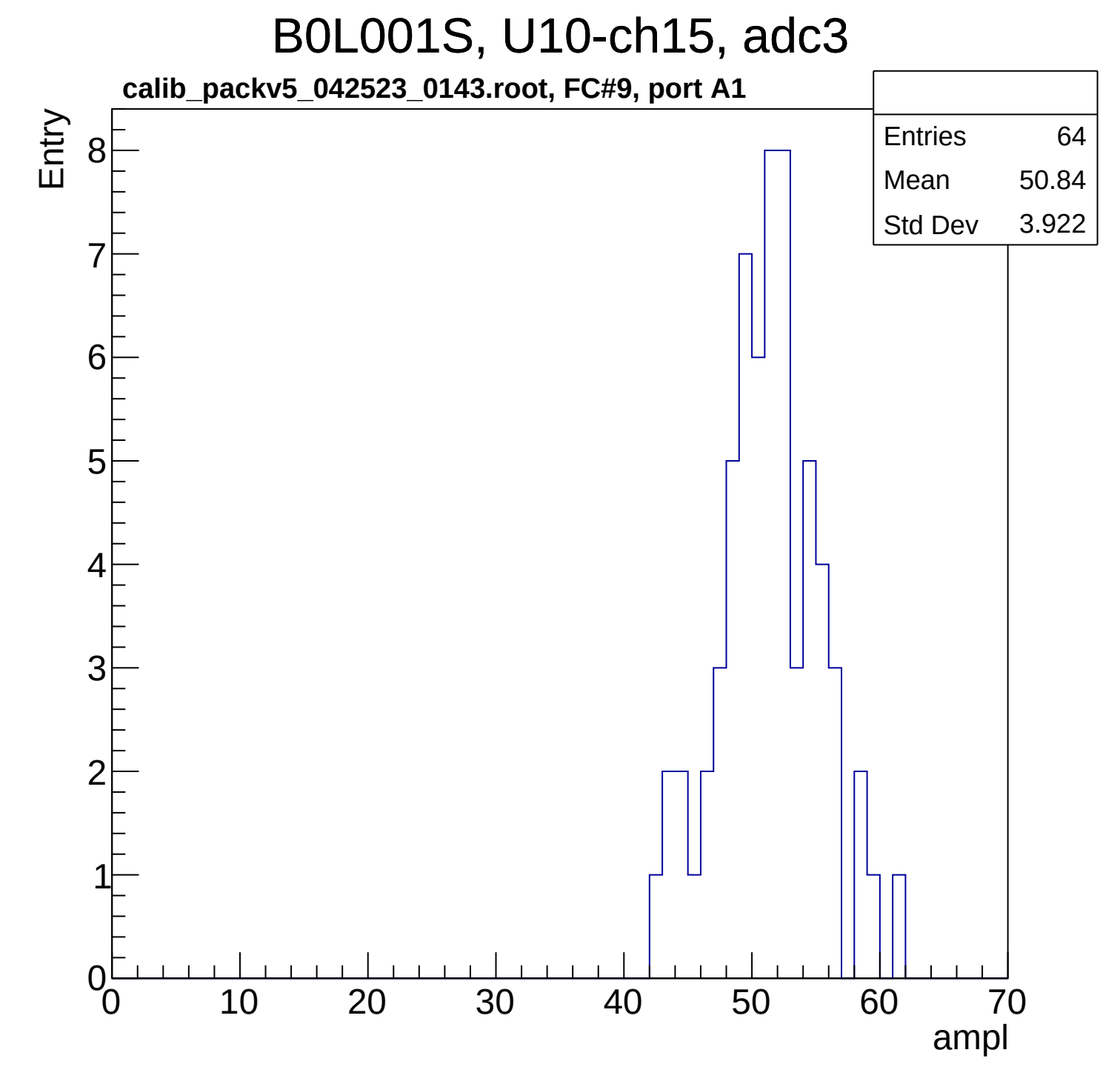
B0L001S, U10-ch15, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 50.84
Std Dev 3.922
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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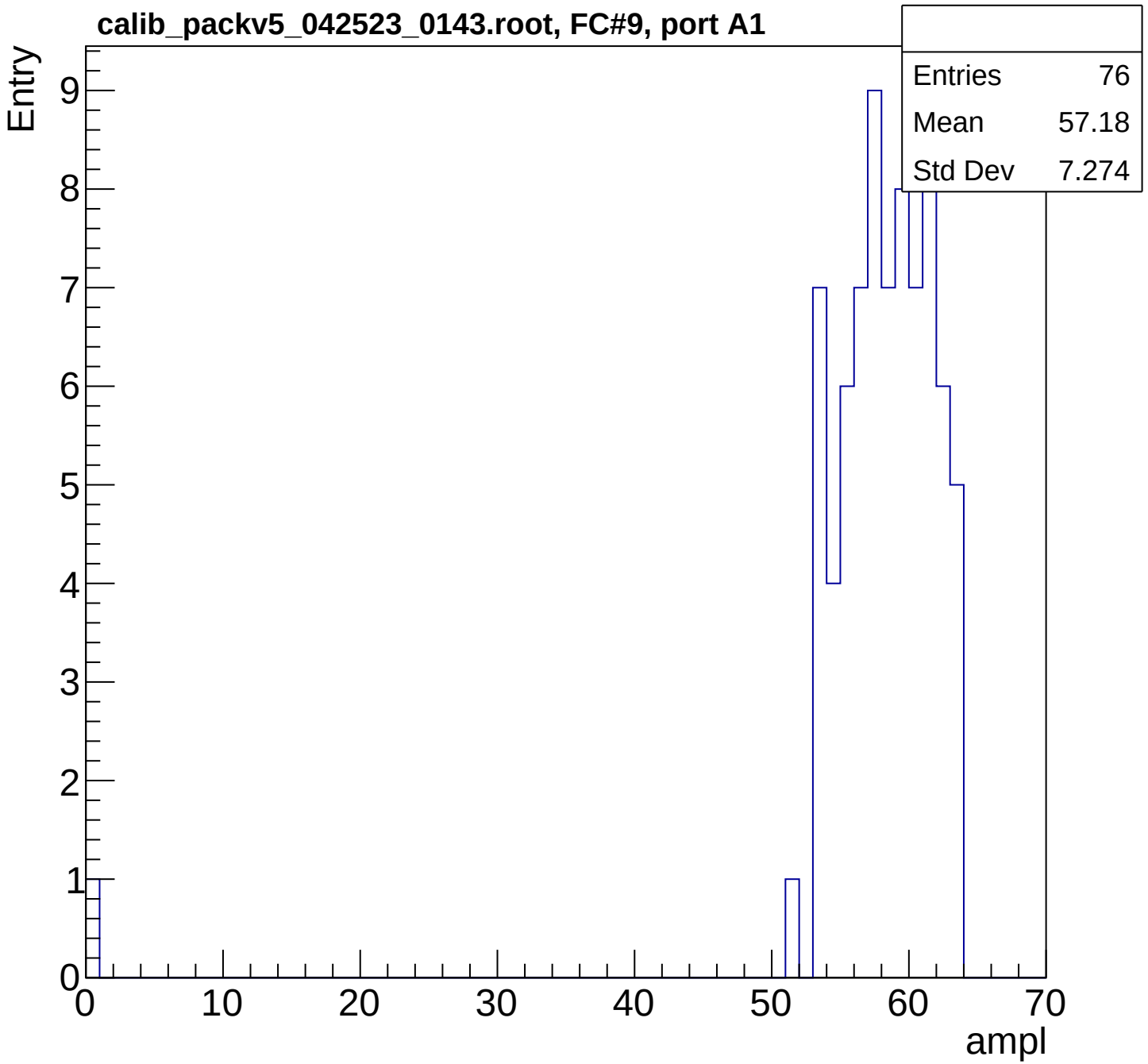
40
50
60
70


B0L001S, U10-ch15, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 57.18
Std Dev 7.274
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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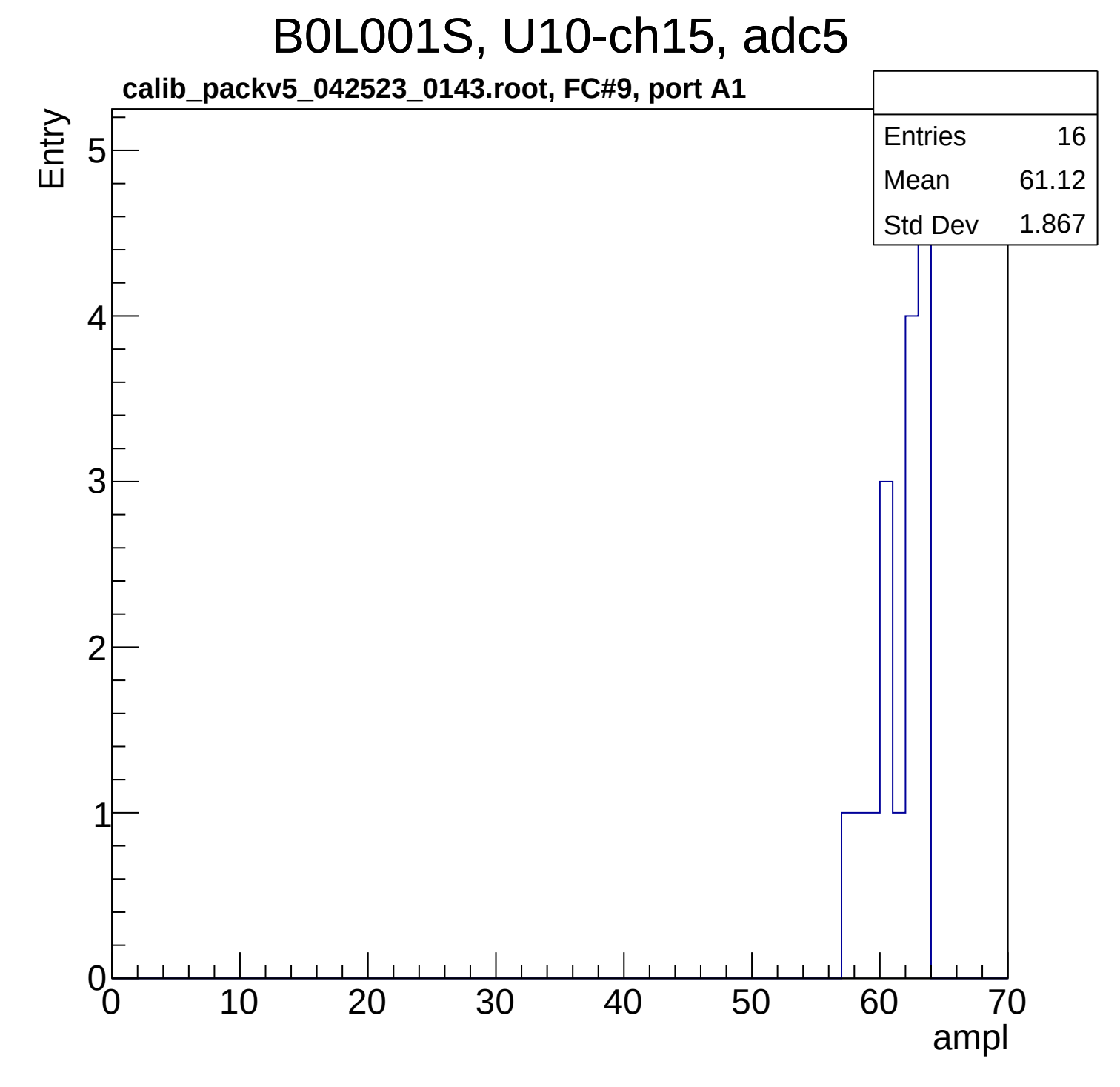
B0L001S, U10-ch15, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 16
Mean 61.12
Std Dev 1.867
Entry
0
1
2
3
4
5
0
10
20
30
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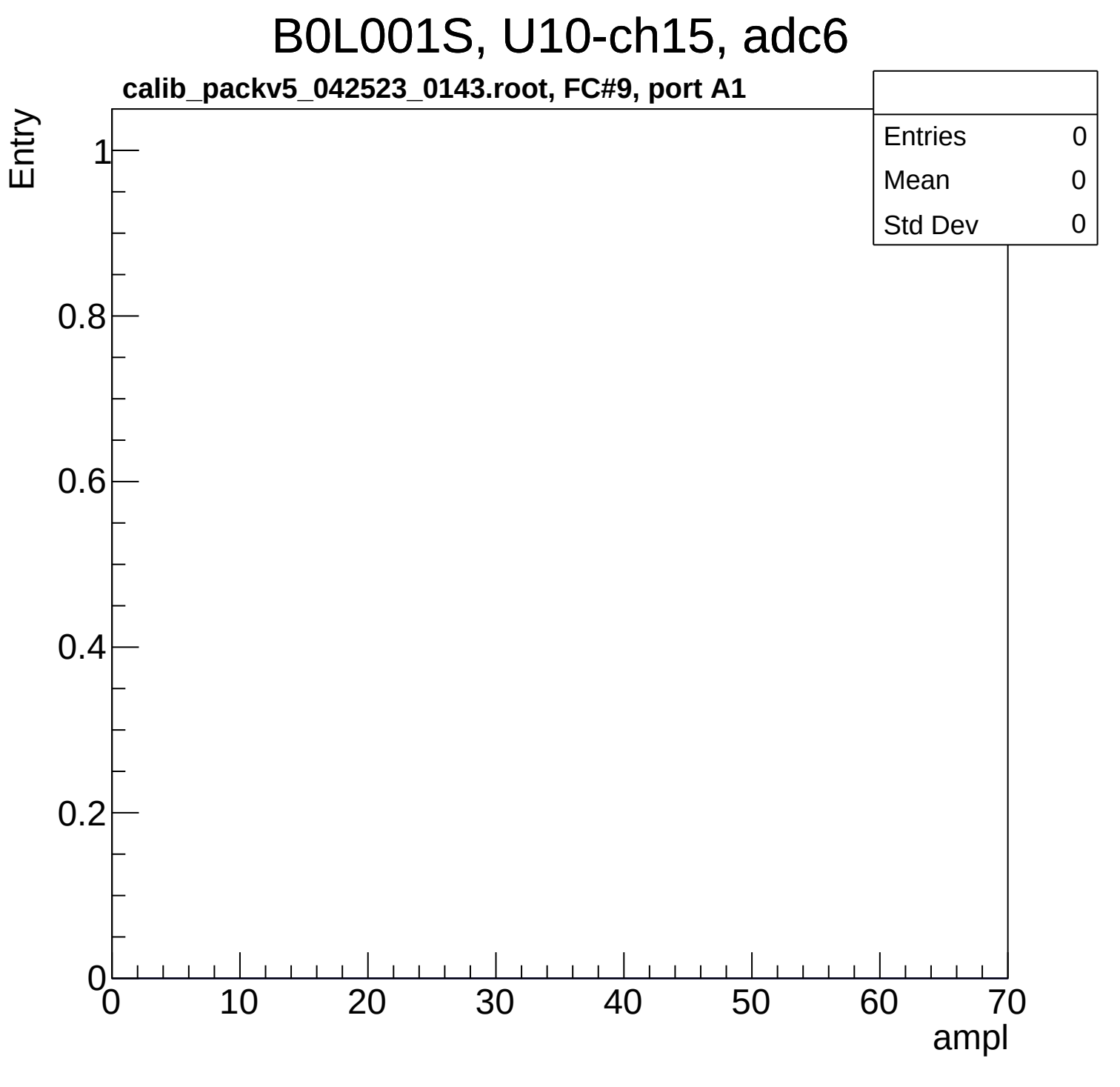
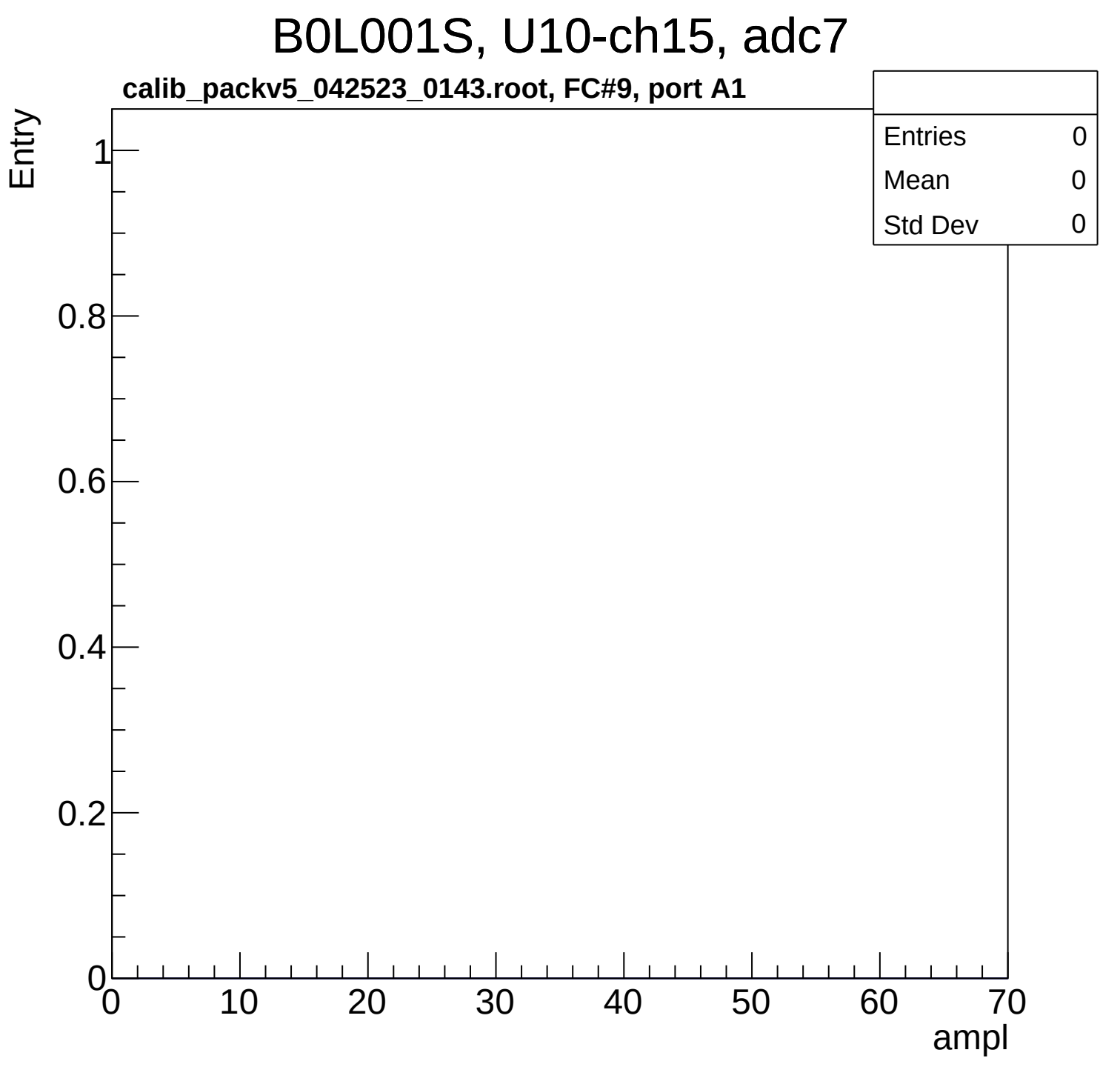
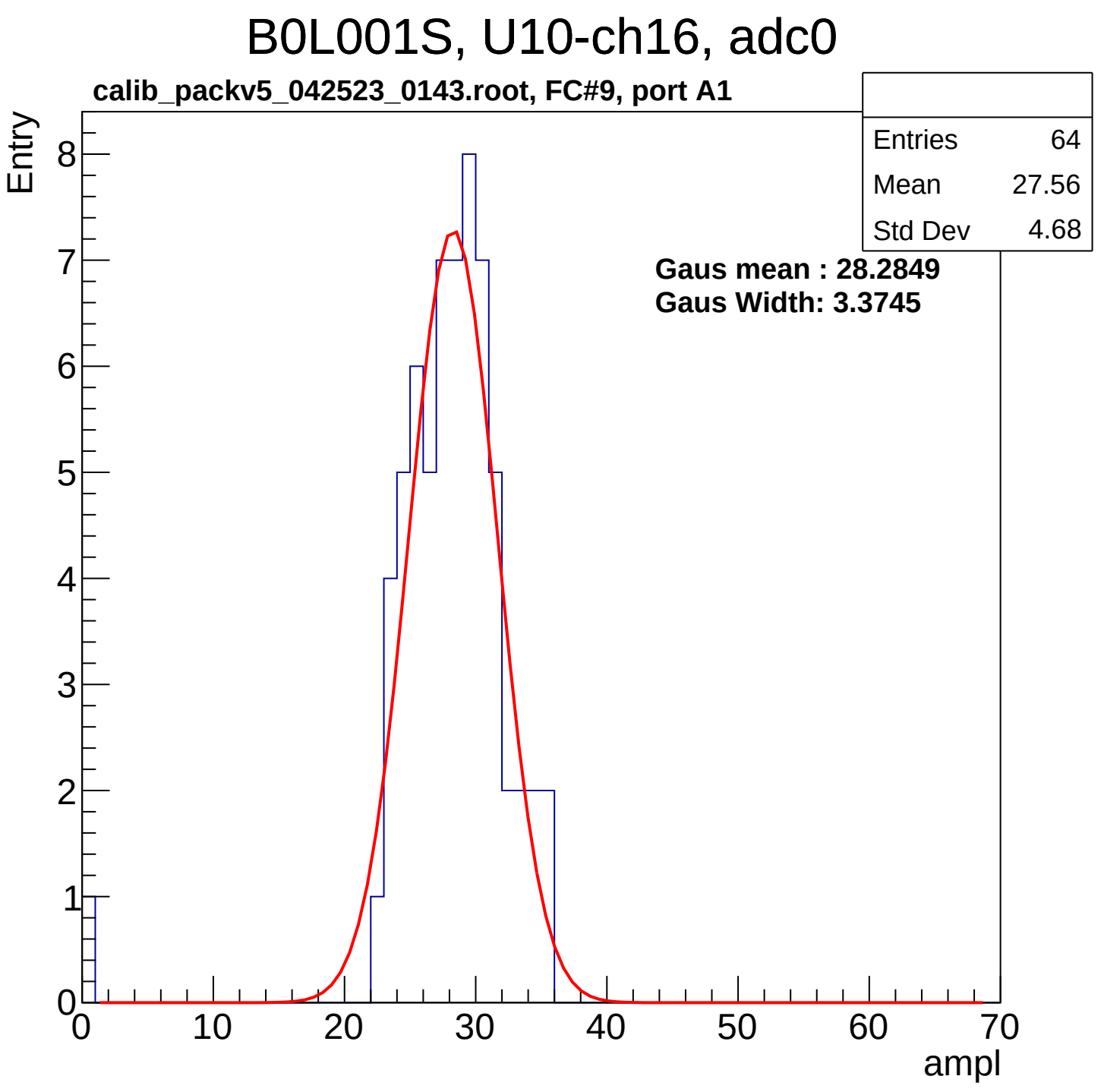
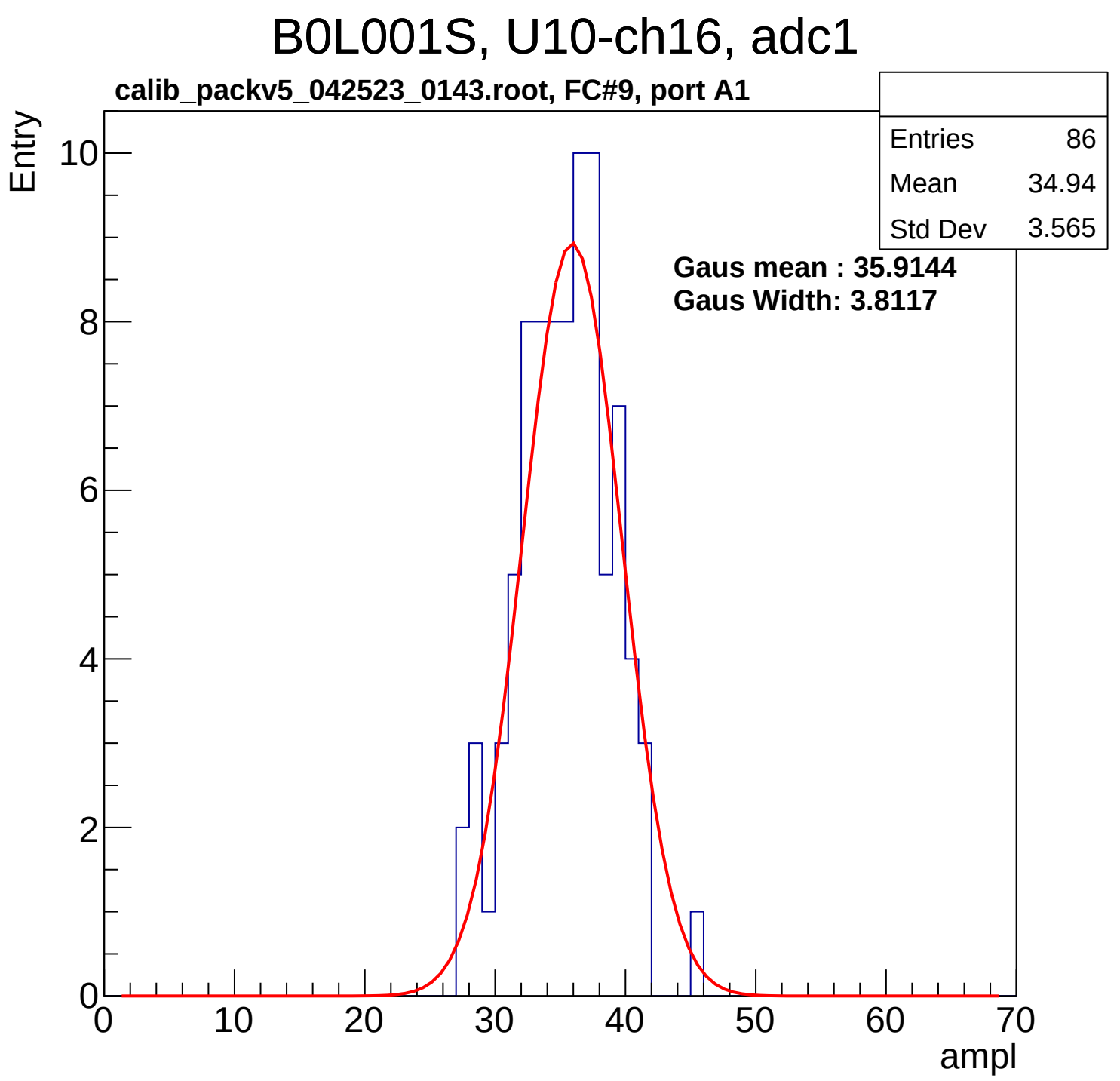
50
60
70
ampl


B0L001S, U10-ch15, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch15, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch16, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 27.56
Std Dev 4.68
Gaus mean : 28.2849
Gaus Width: 3.3745
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch16, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 86
Mean 34.94
Std Dev 3.565
Gaus mean : 35.9144
Gaus Width: 3.8117
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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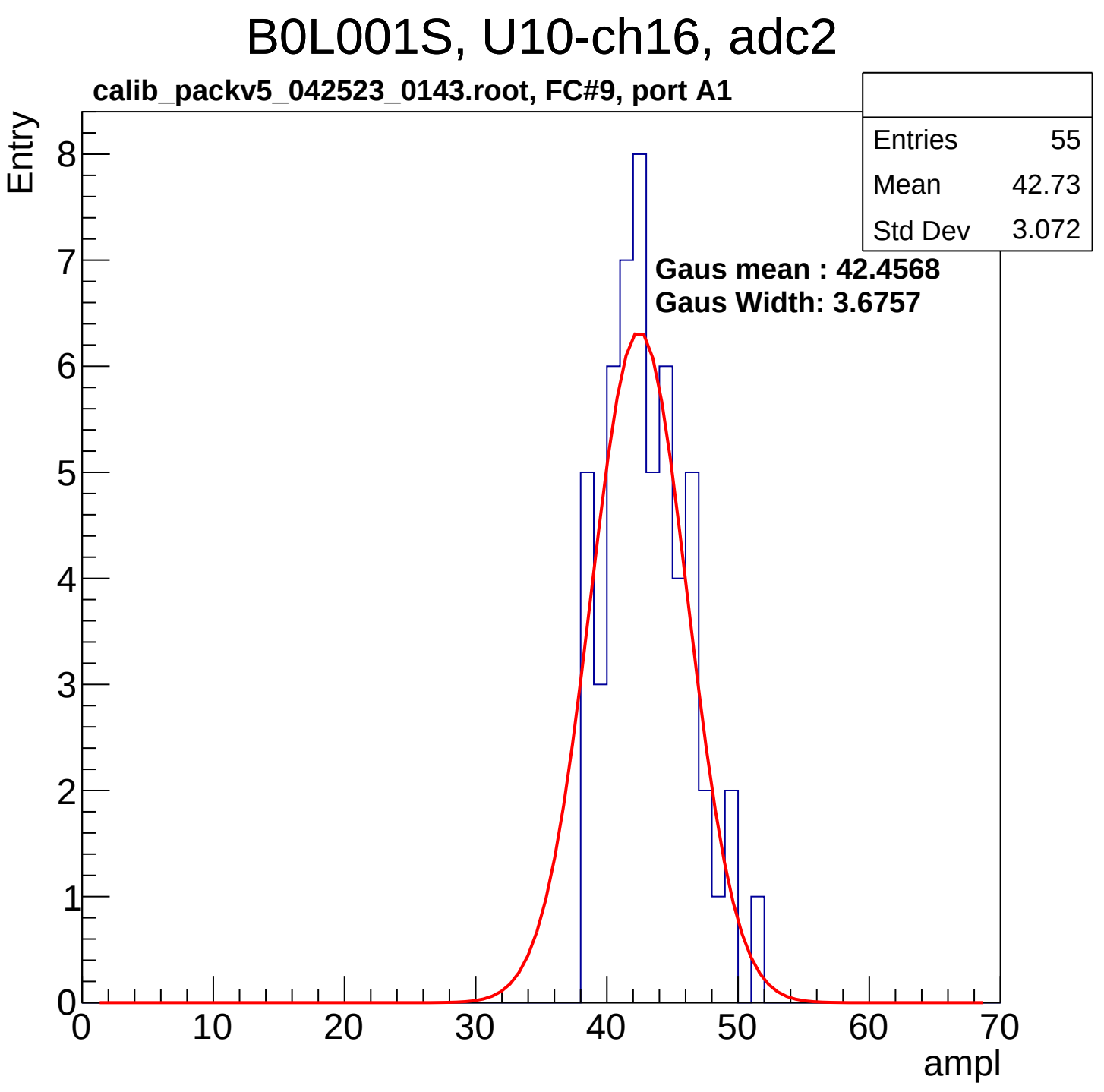
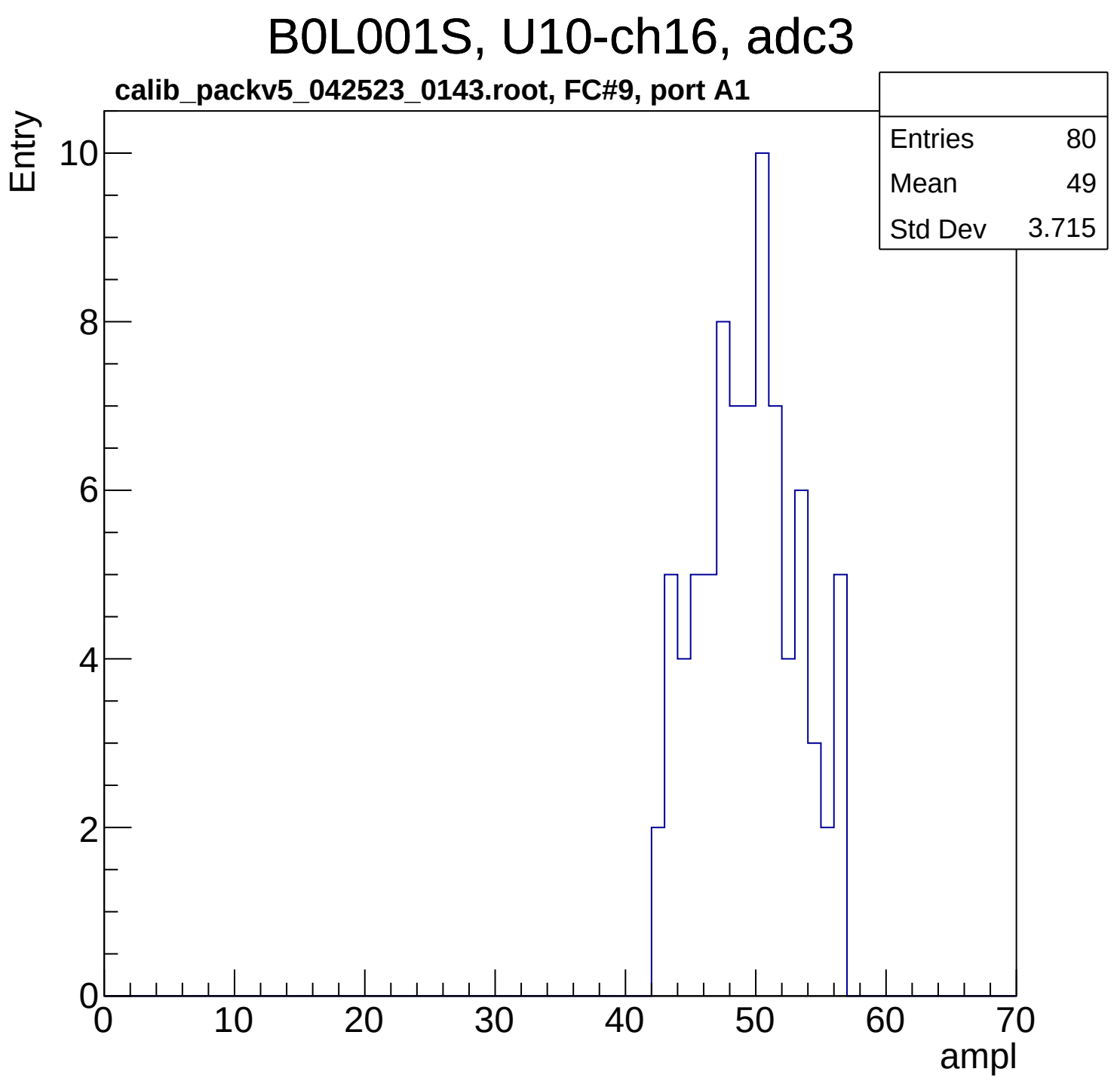
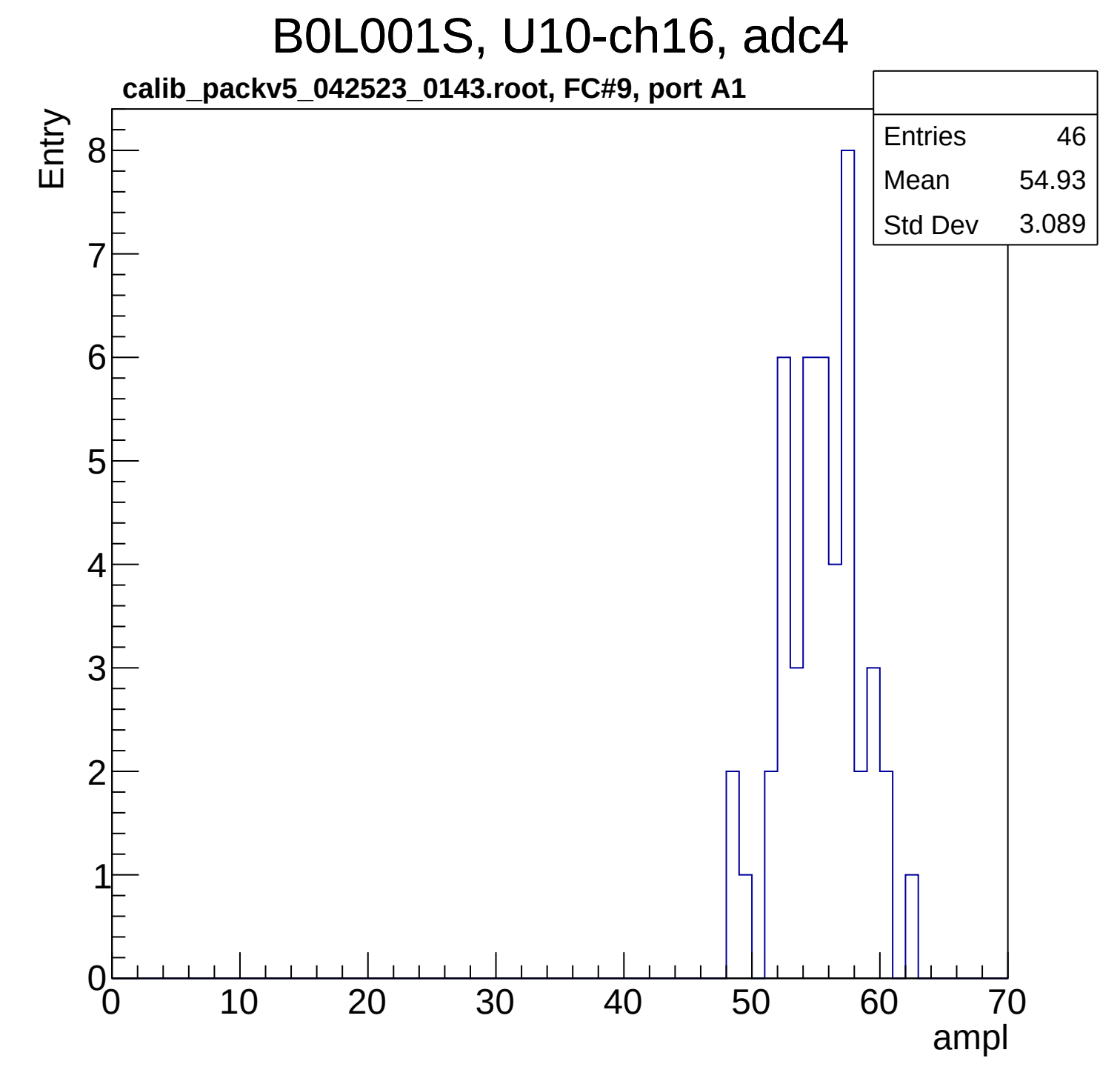
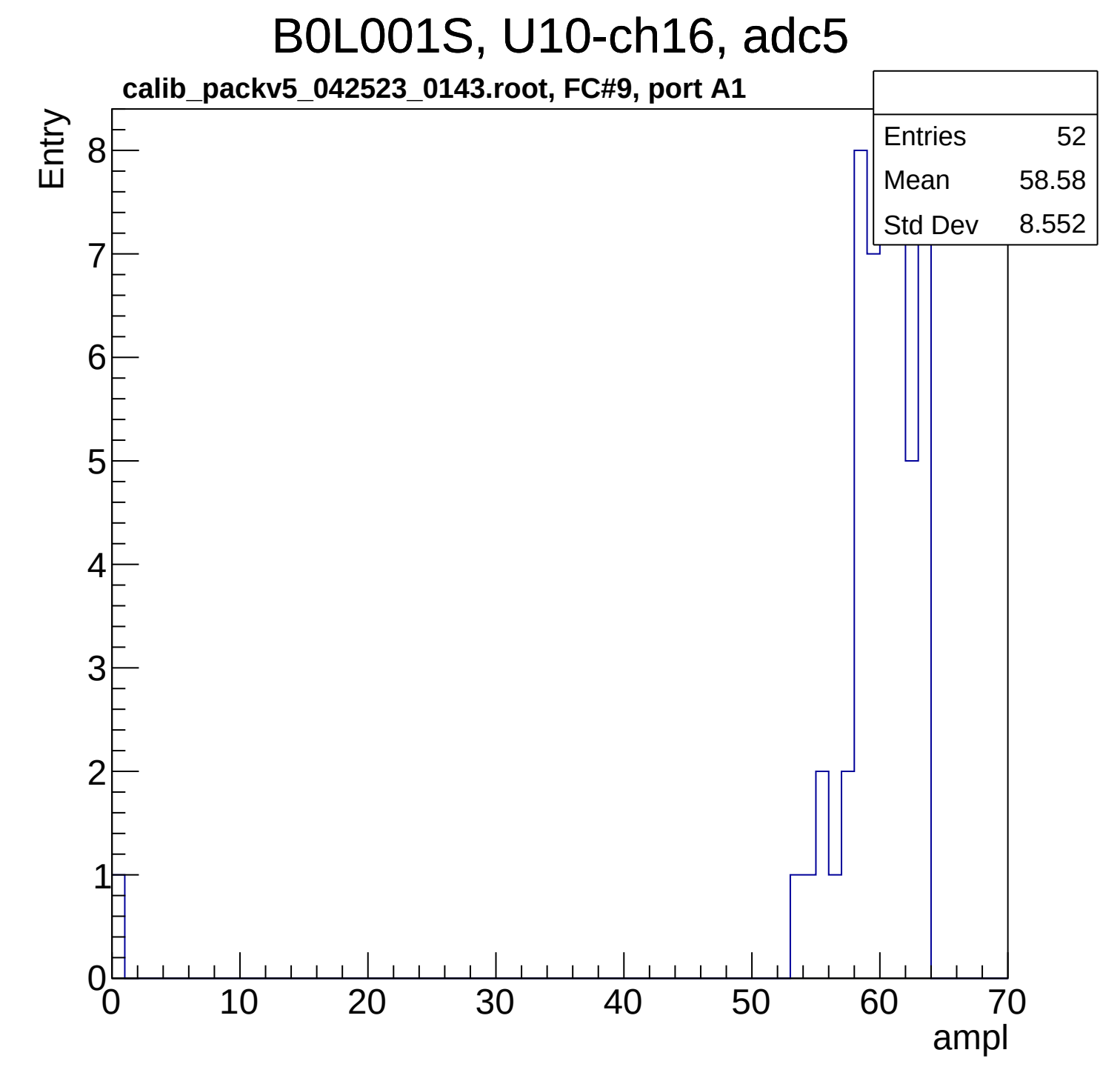
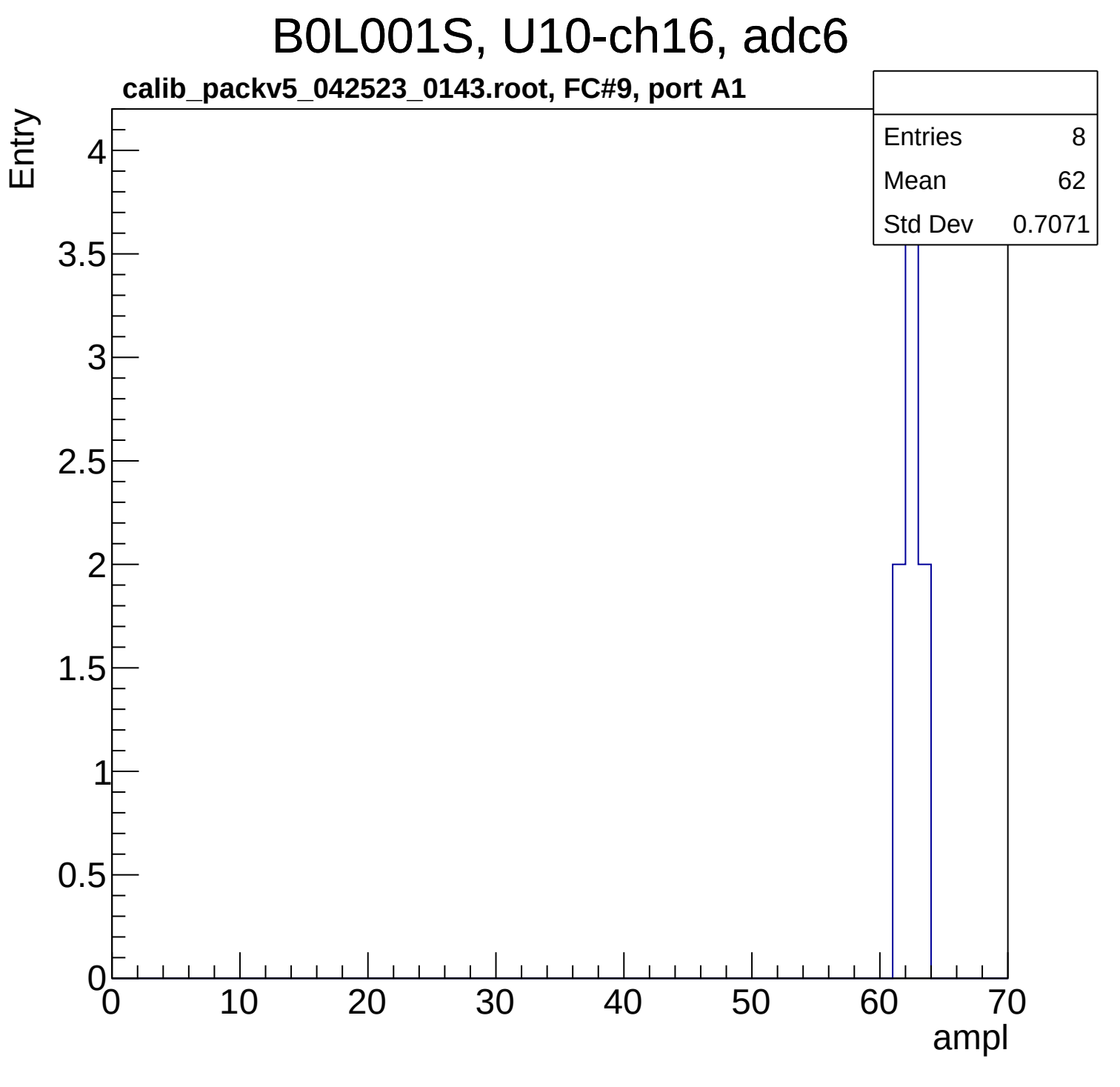
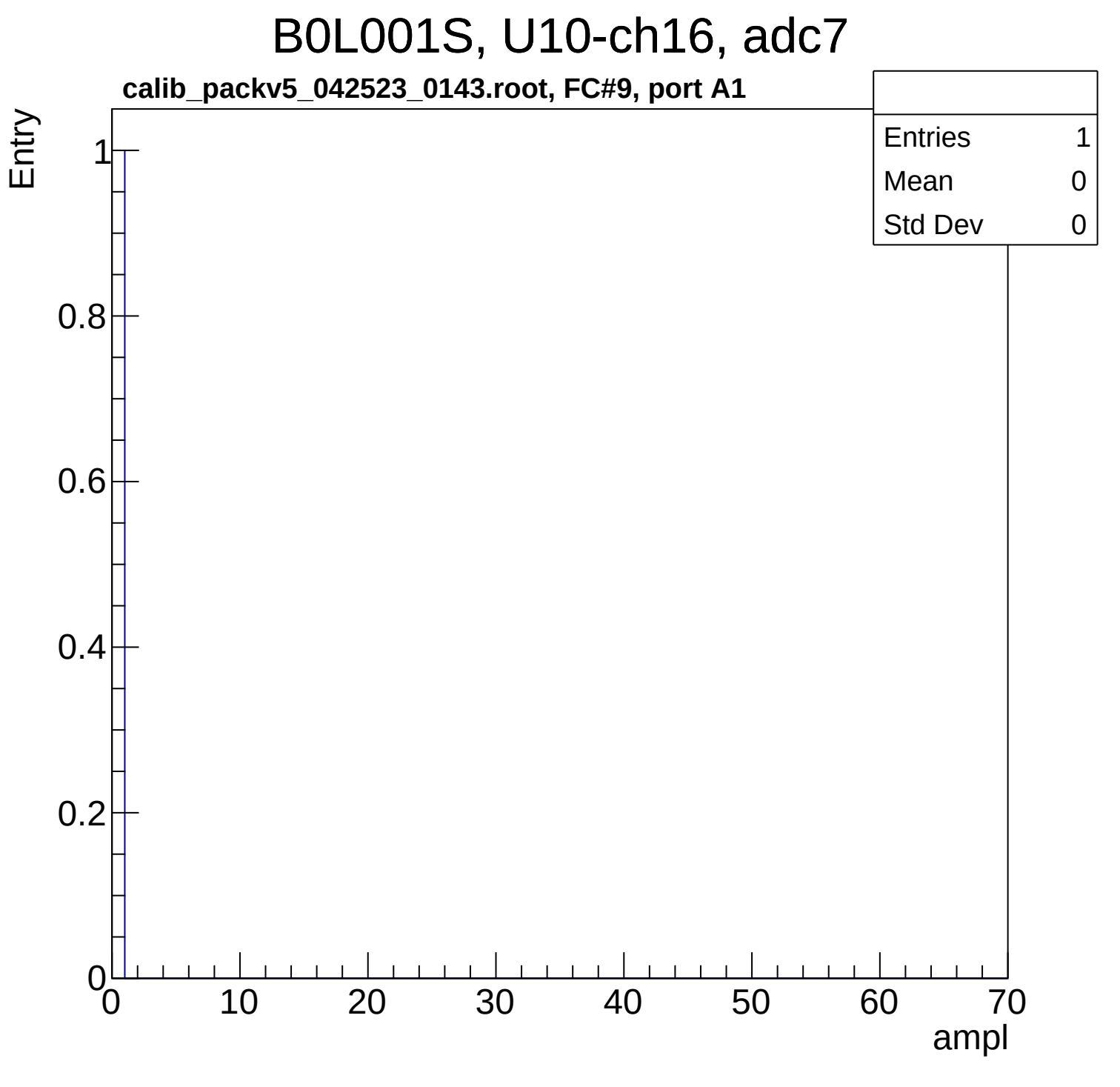

B0L001S, U10-ch16, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 42.73
Std Dev 3.072
Gaus mean : 42.4568
Gaus Width: 3.6757
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

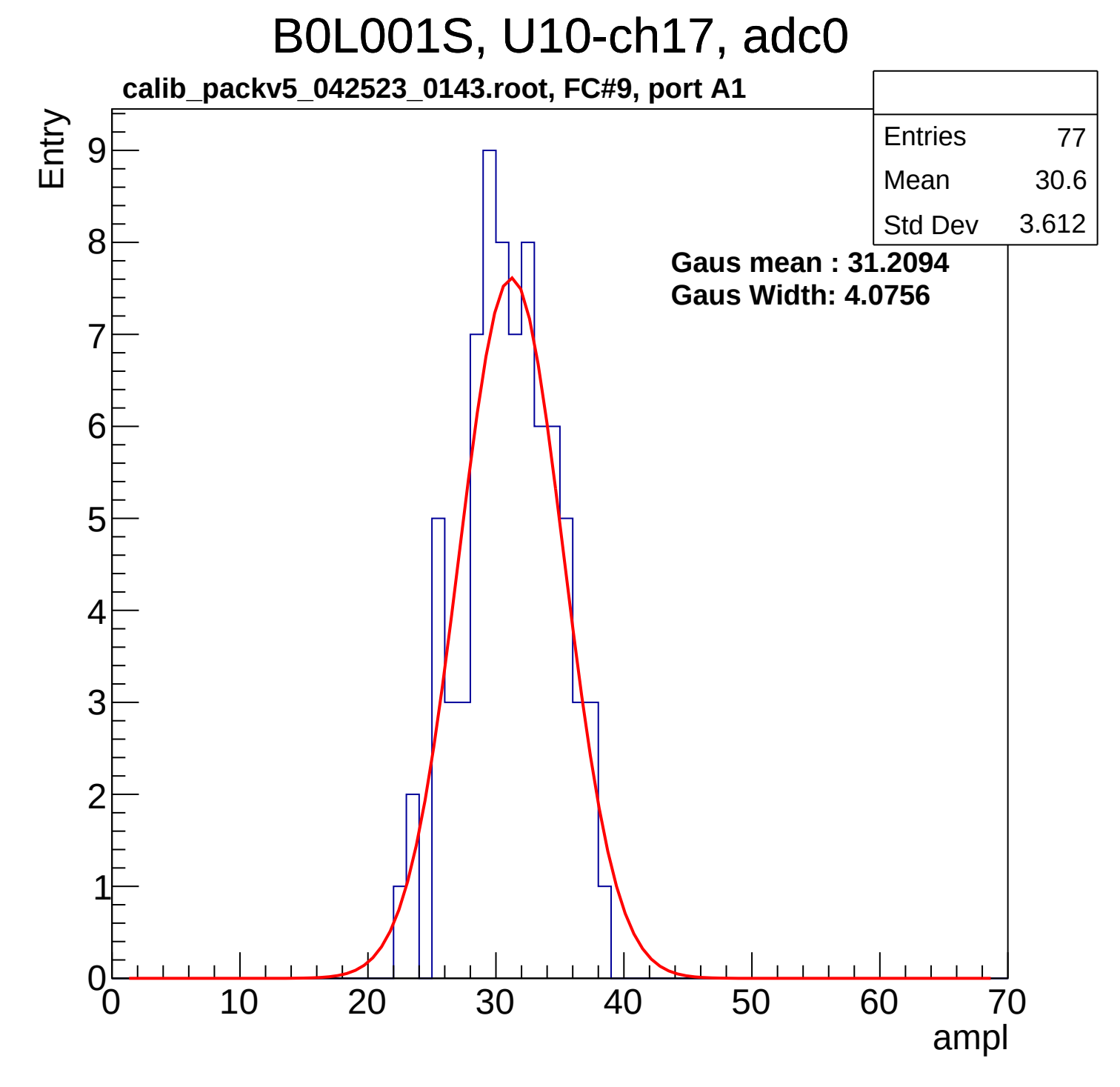

B0L001S, U10-ch16, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 49
Std Dev 3.715
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

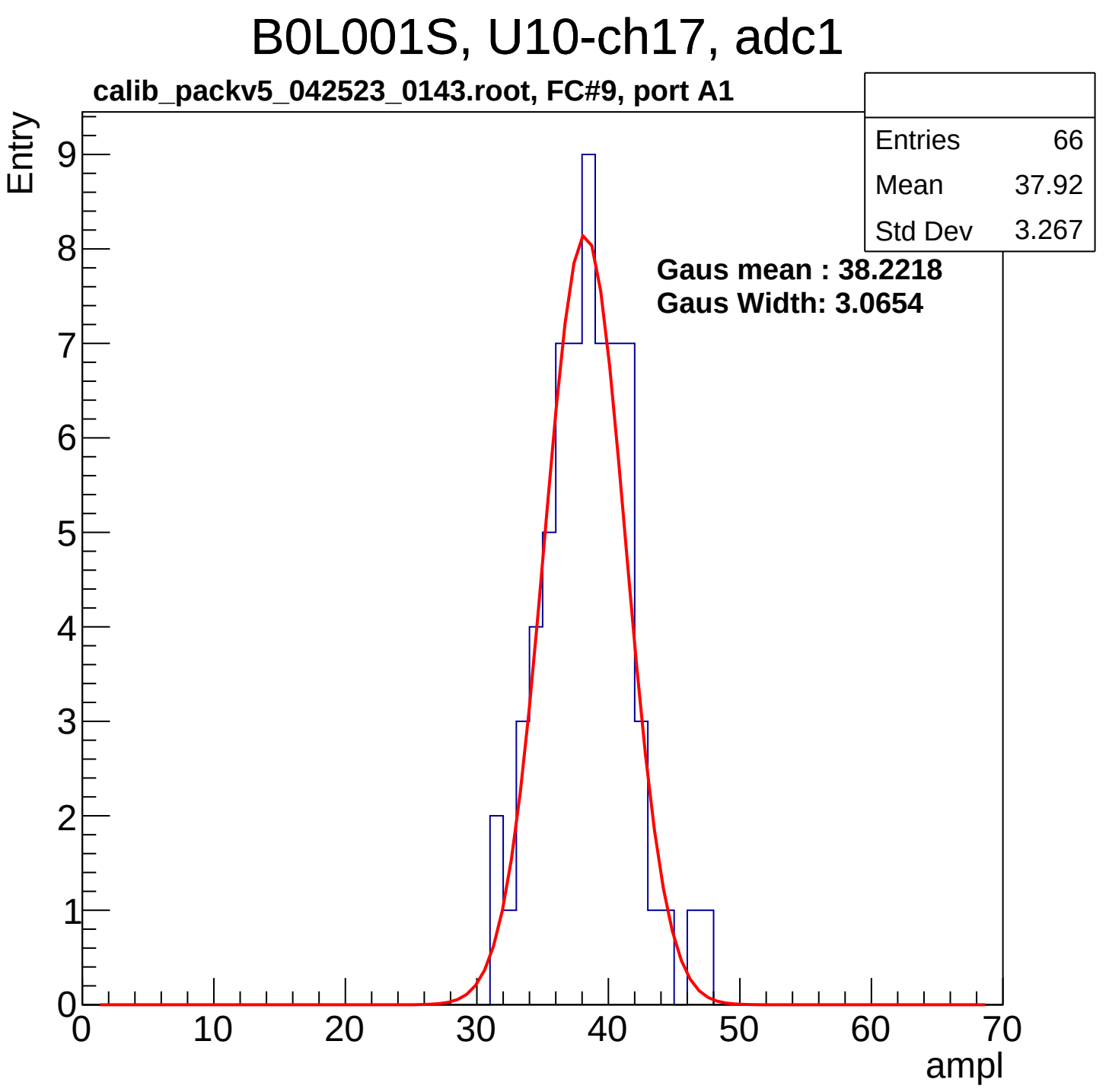

B0L001S, U10-ch16, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 54.93
Std Dev 3.089
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

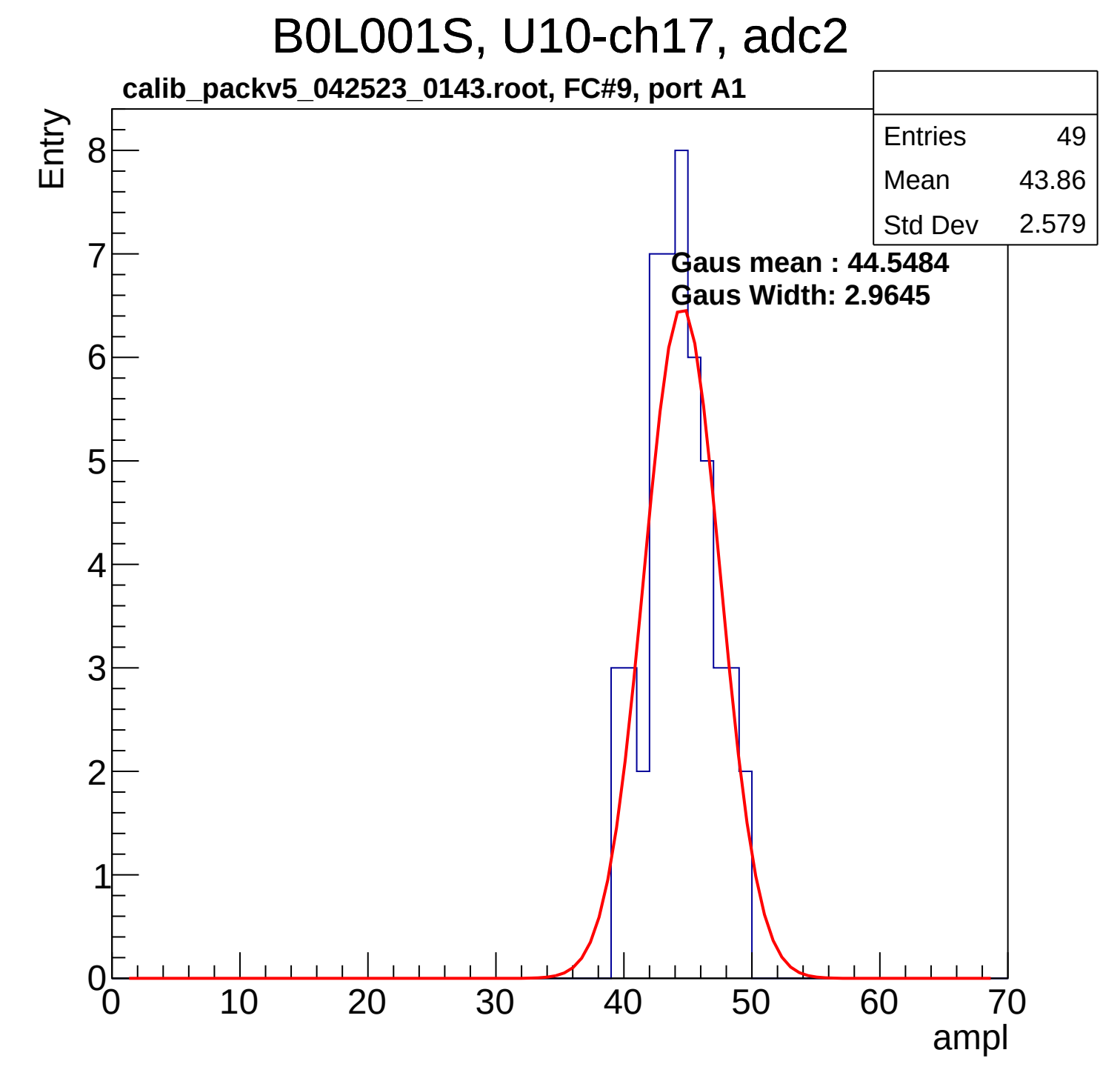

B0L001S, U10-ch16, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 58.58
Std Dev 8.552
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

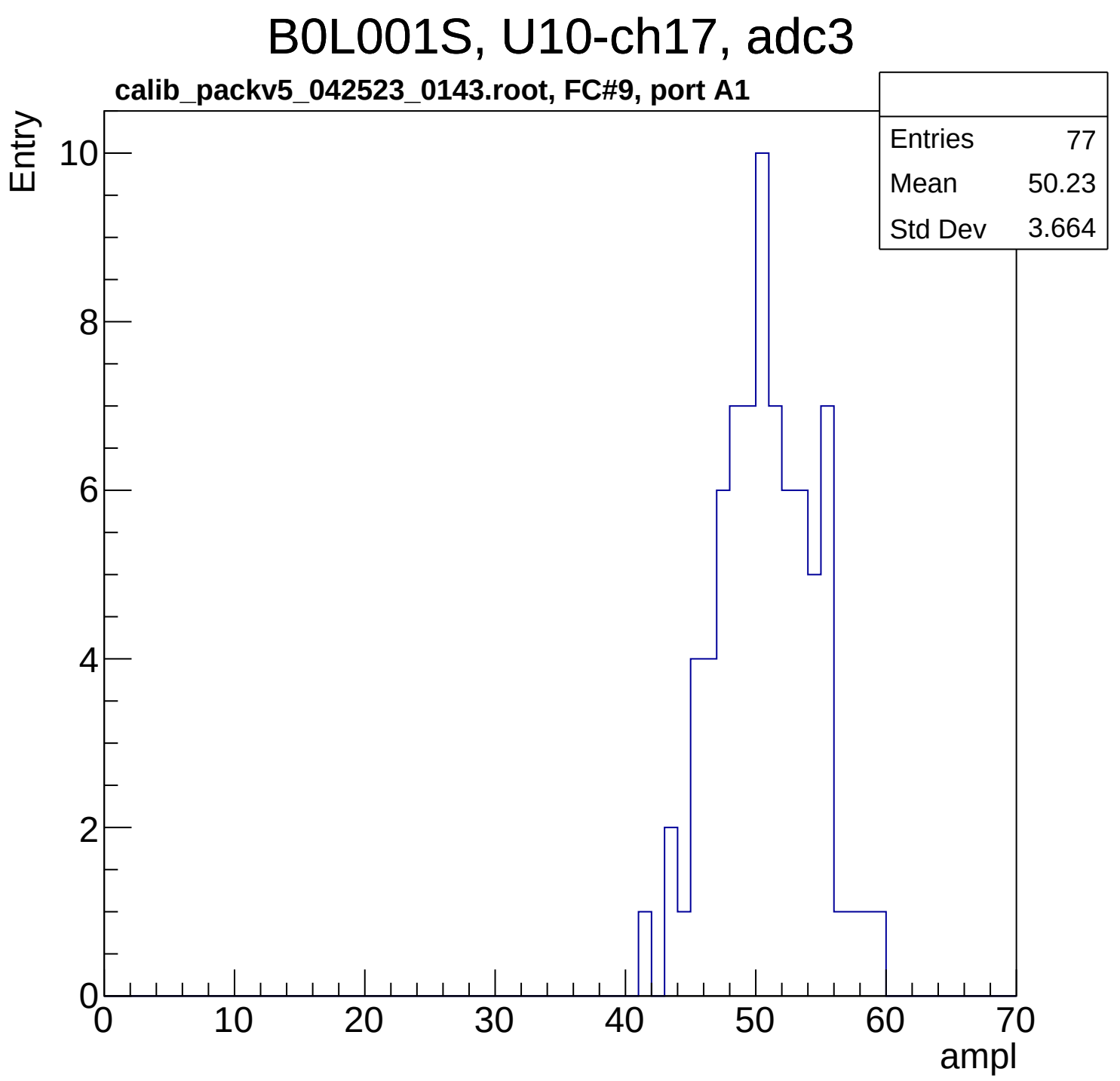

B0L001S, U10-ch16, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

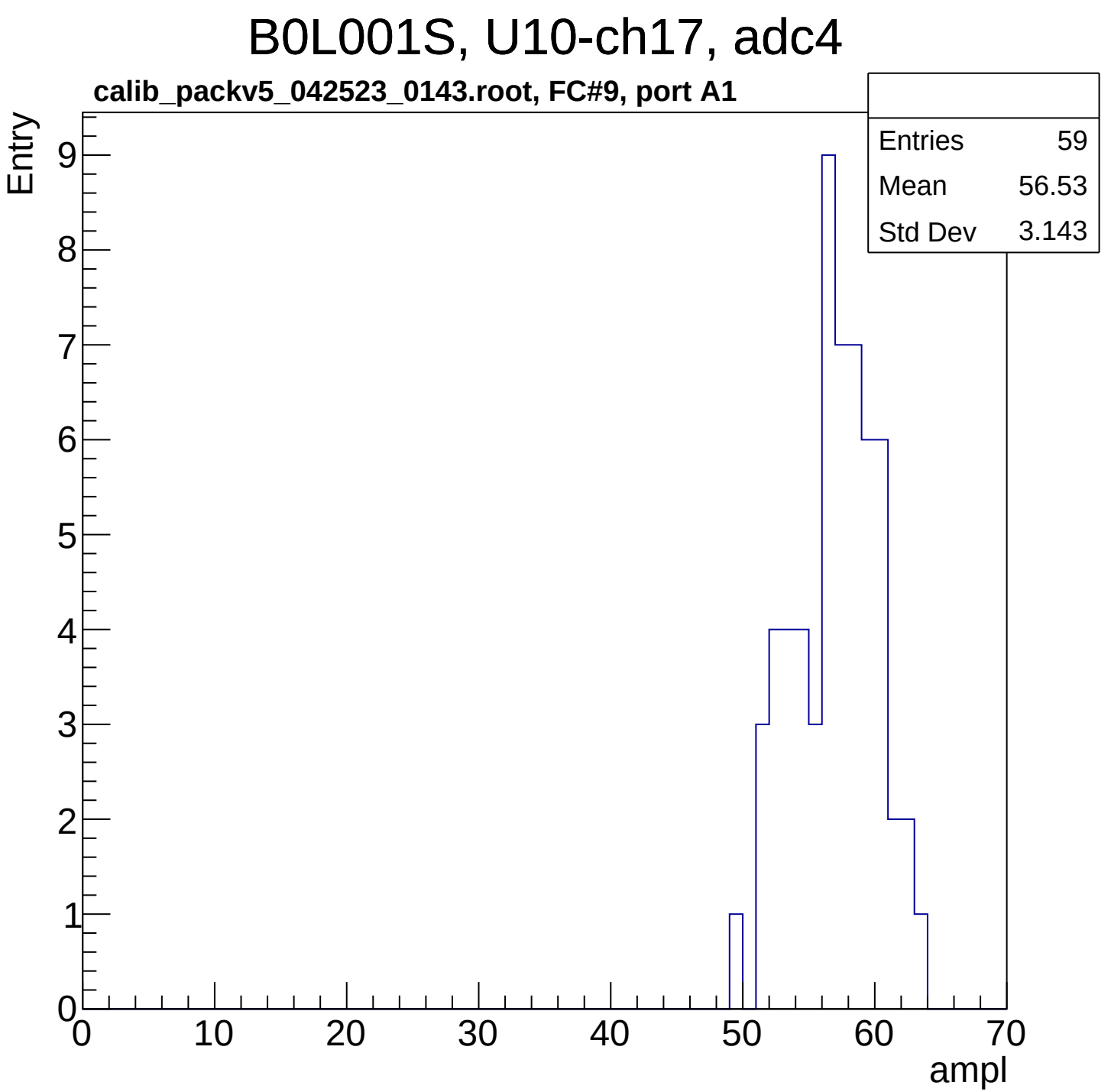

B0L001S, U10-ch16, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

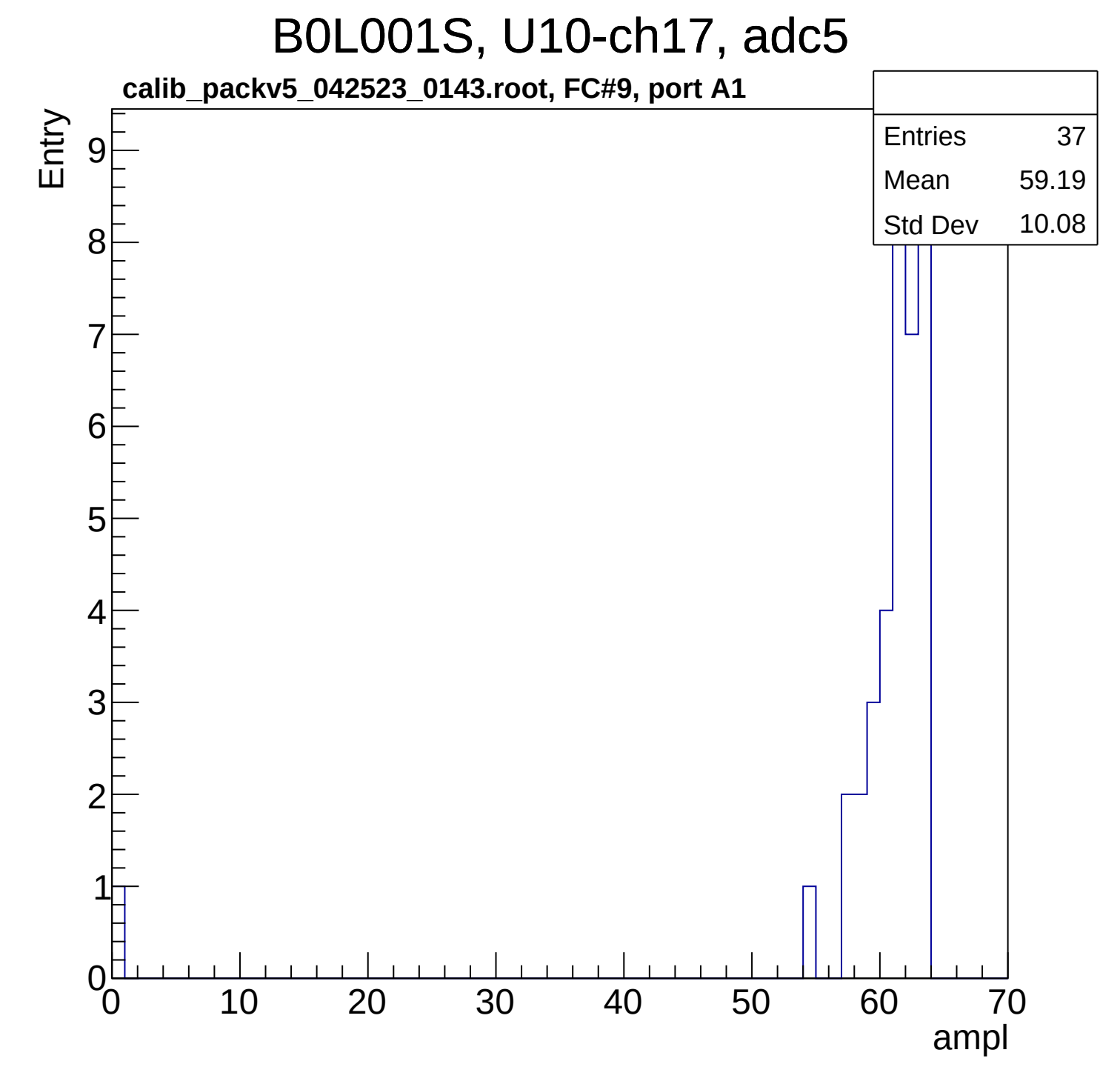

B0L001S, U10-ch17, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 30.6
Std Dev 3.612
Gaus mean : 31.2094
Gaus Width: 4.0756
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

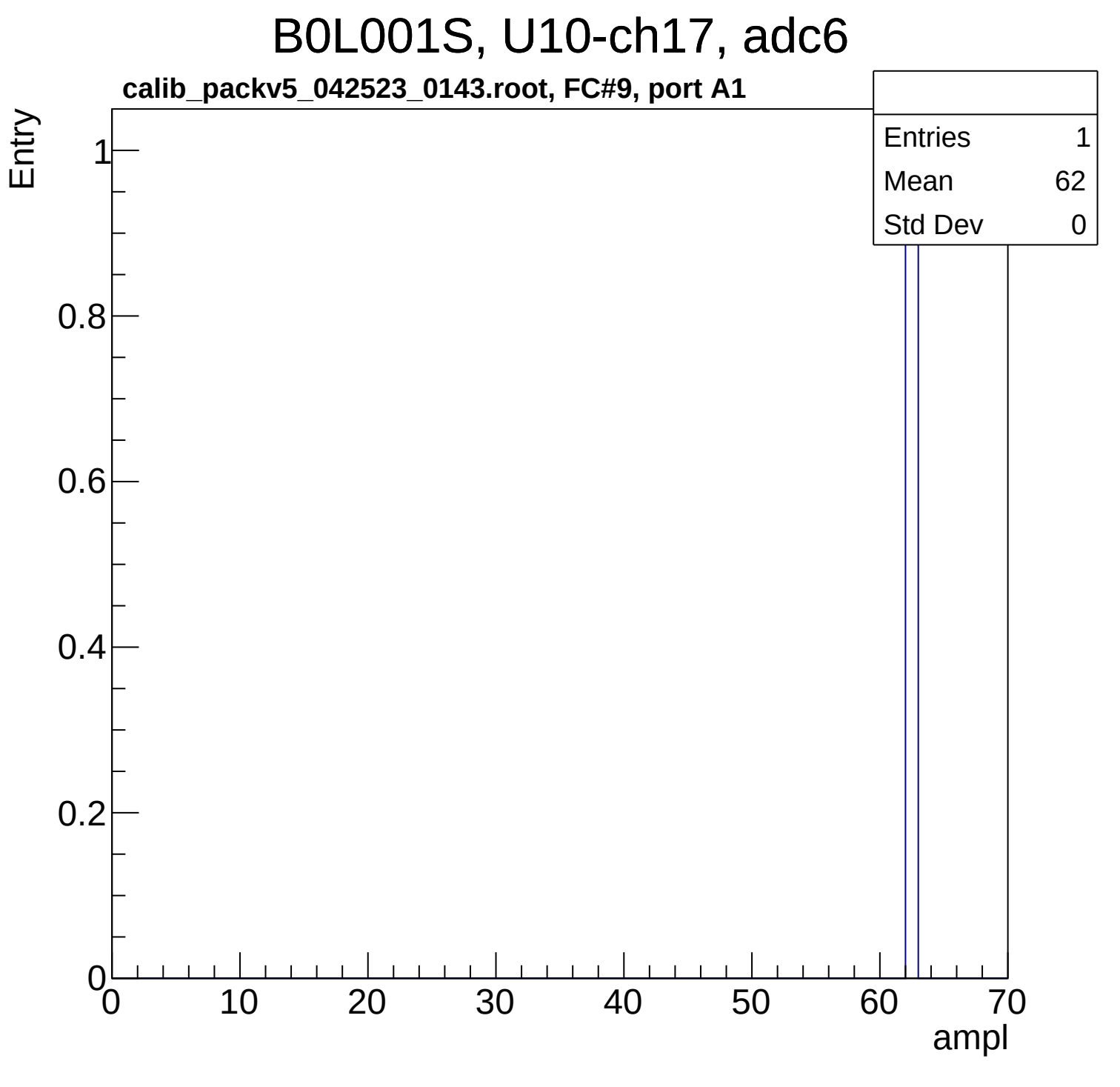

B0L001S, U10-ch17, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 37.92
Std Dev 3.267
Gaus mean : 38.2218
Gaus Width: 3.0654
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

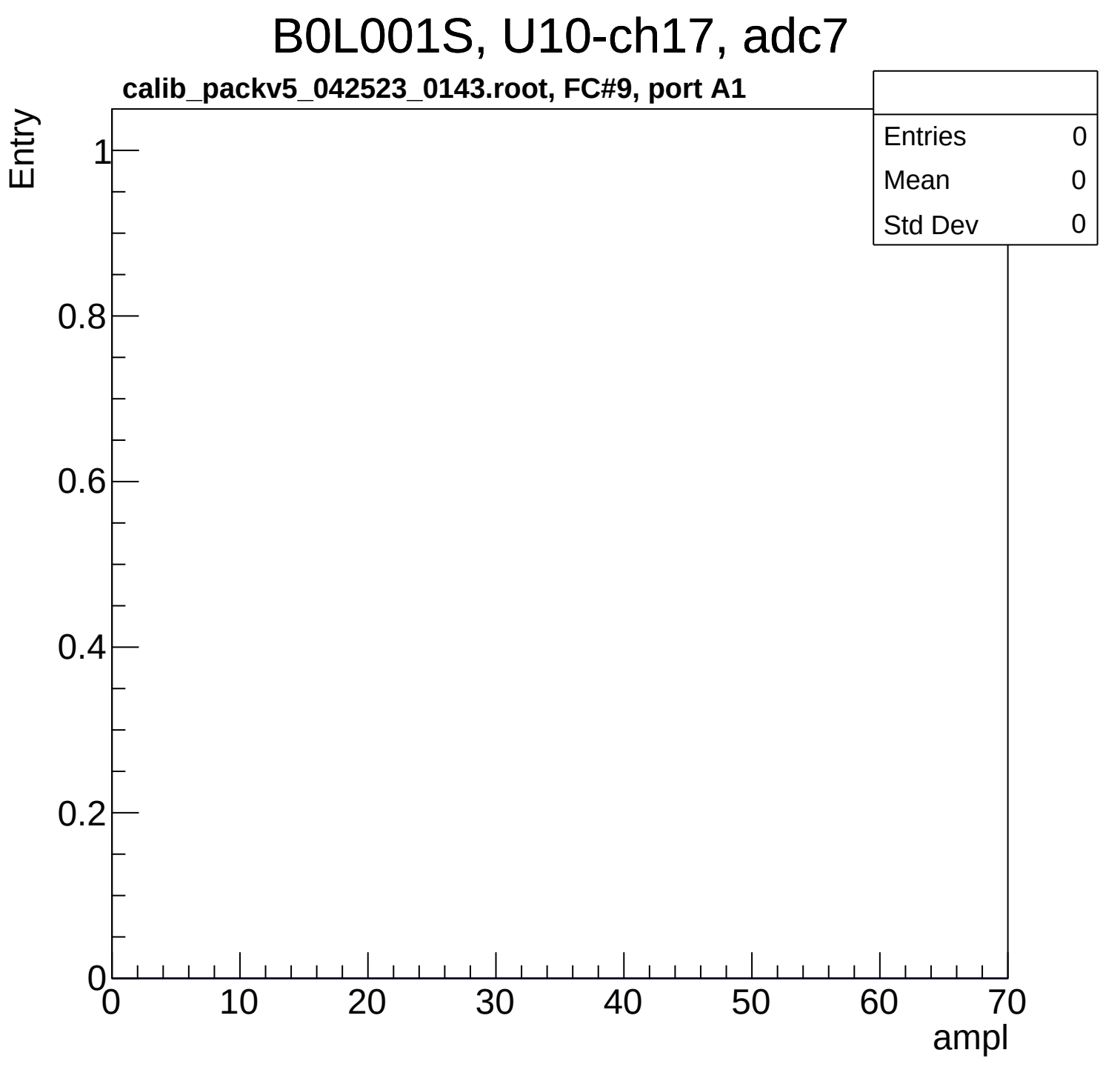

B0L001S, U10-ch17, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 43.86
Std Dev 2.579
Gaus mean : 44.5484
Gaus Width: 2.9645
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

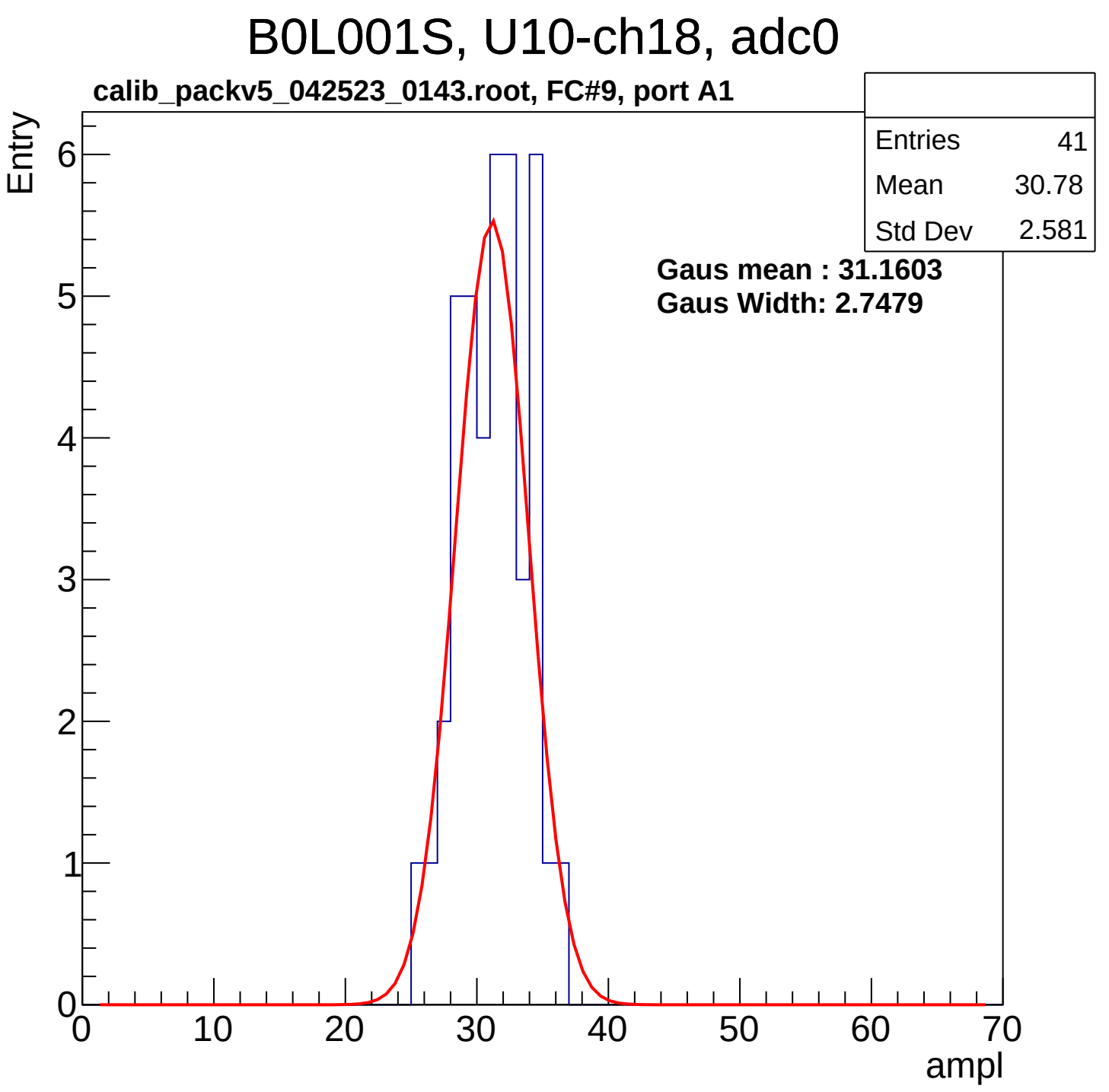

B0L001S, U10-ch17, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 50.23
Std Dev 3.664
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

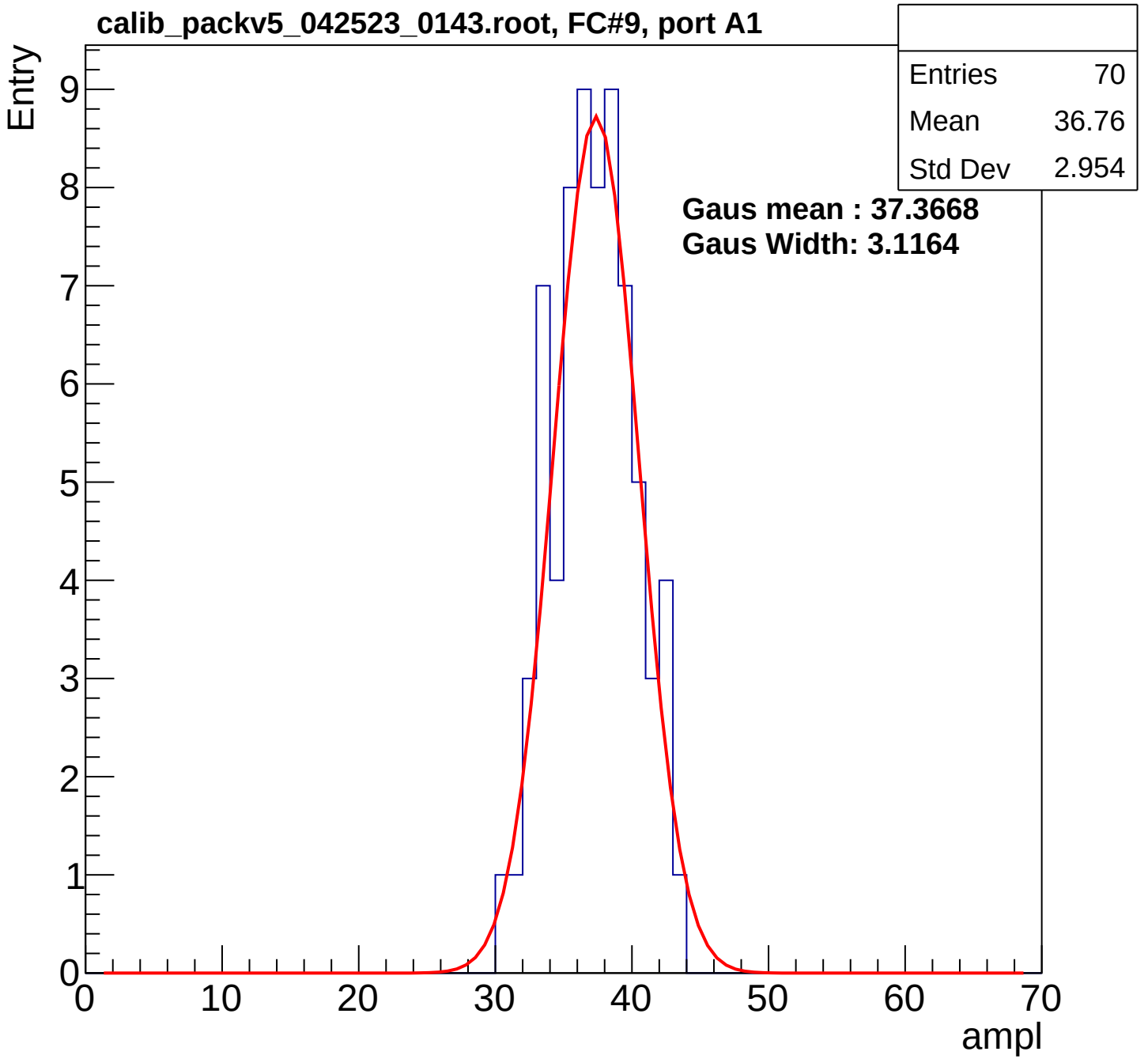

B0L001S, U10-ch17, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 56.53
Std Dev 3.143
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

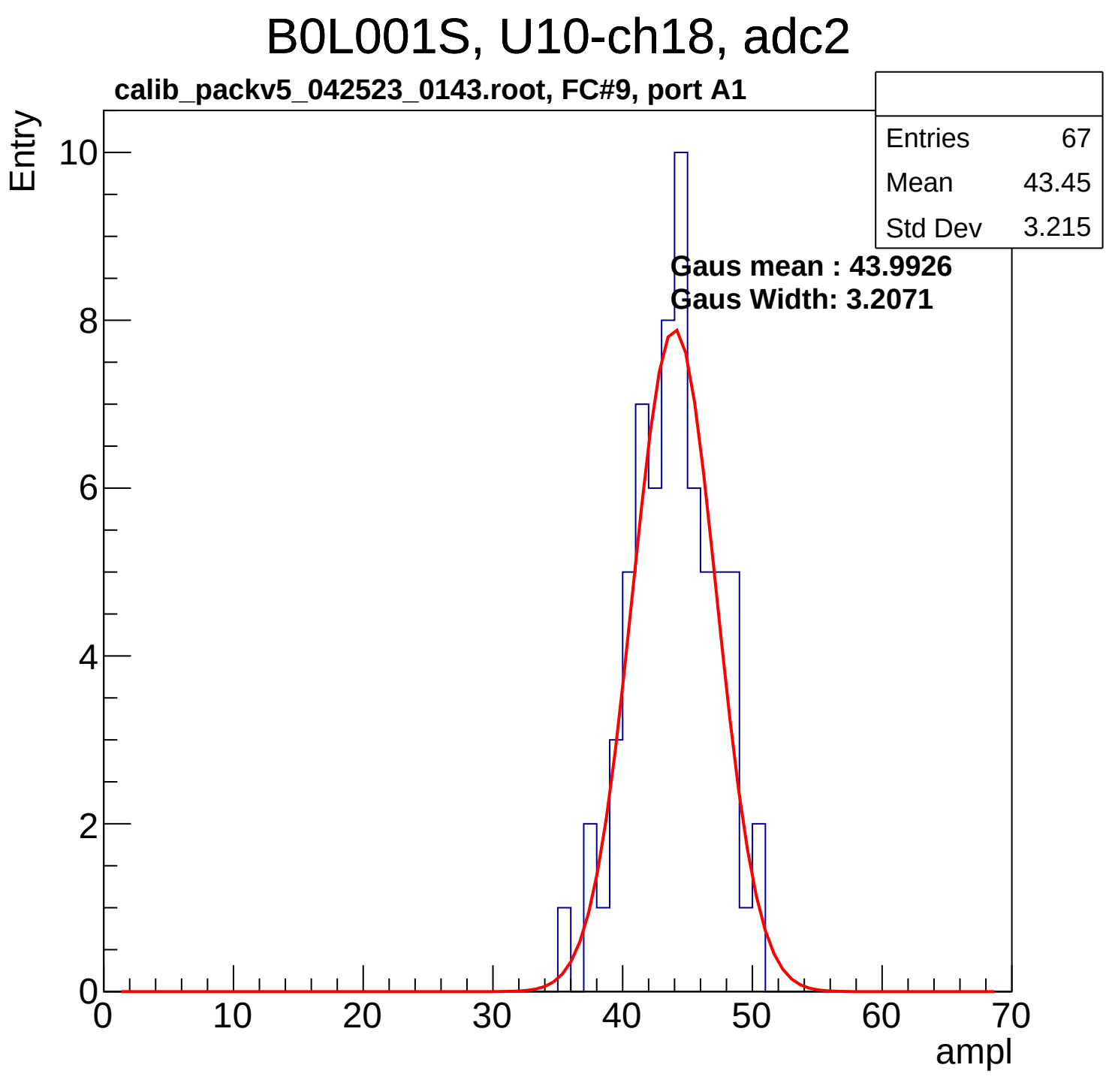

B0L001S, U10-ch17, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 59.19
Std Dev 10.08
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

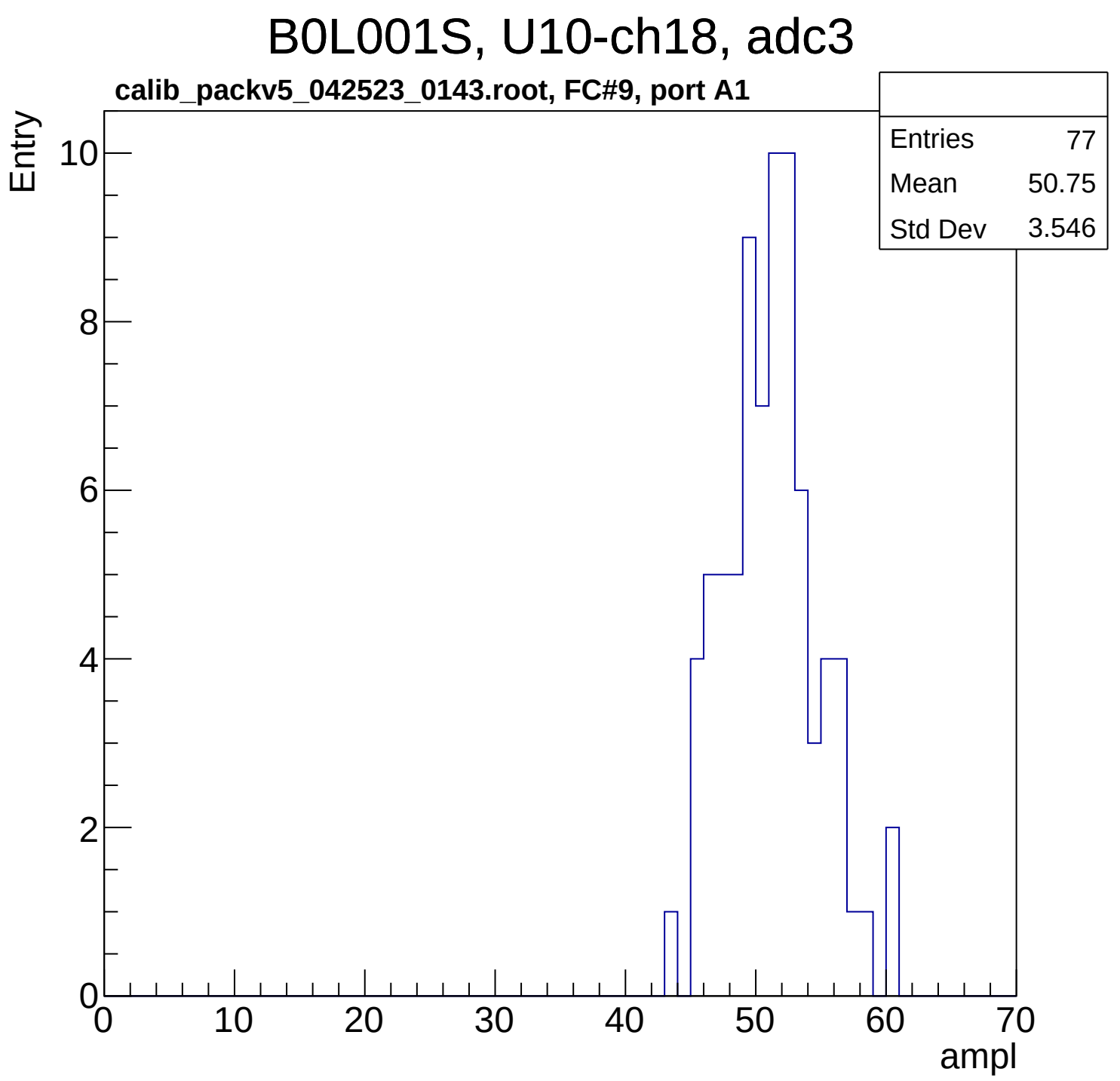

B0L001S, U10-ch17, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

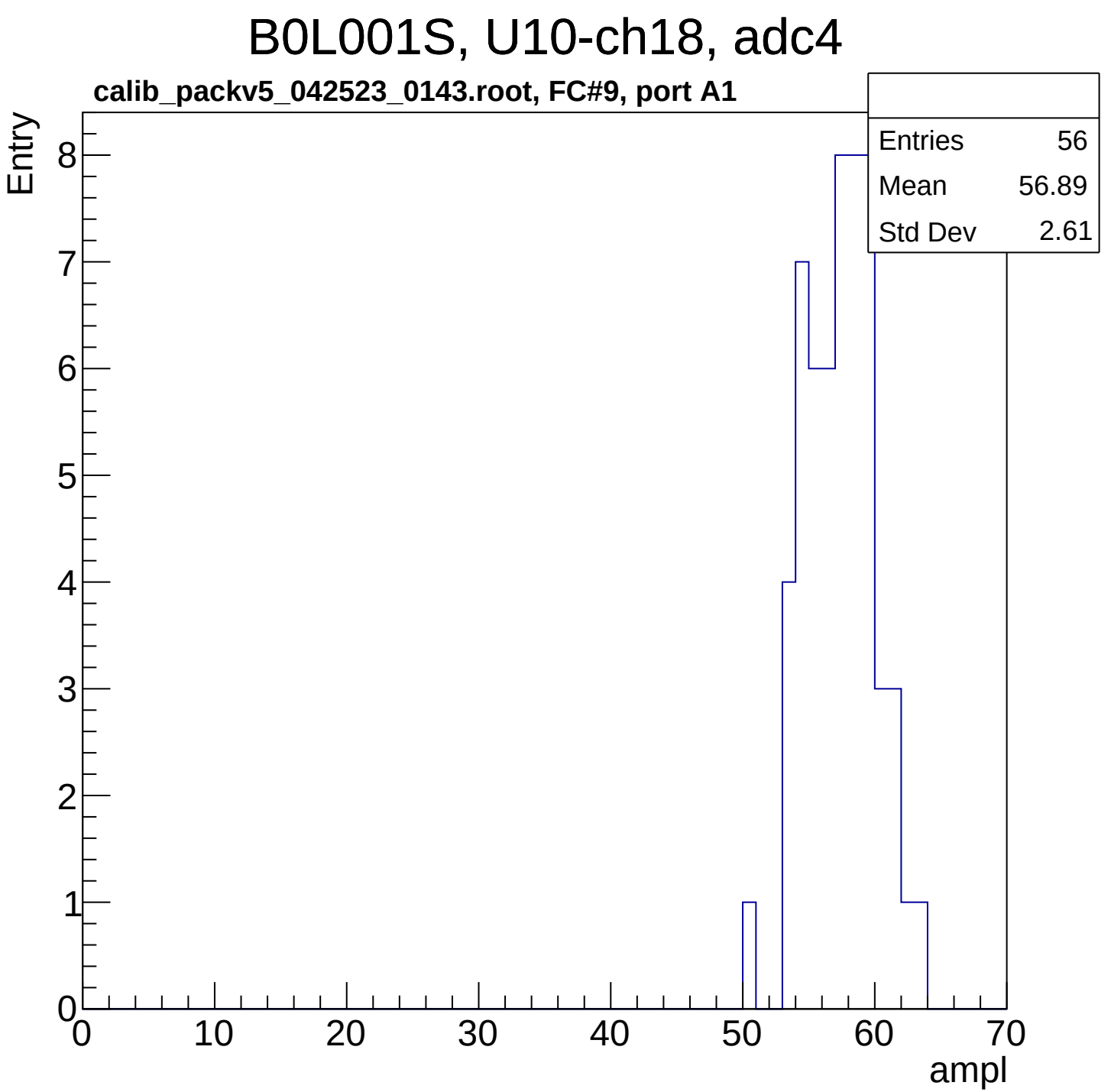

B0L001S, U10-ch17, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch18, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 30.78
Std Dev 2.581
Gaus mean : 31.1603
Gaus Width: 2.7479
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B0L001S, U10-ch18, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 36.76
Std Dev 2.954
Gaus mean : 37.3668
Gaus Width: 3.1164
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch18, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 43.45
Std Dev 3.215
Gaus mean : 43.9926
Gaus Width: 3.2071
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch18, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 50.75
Std Dev 3.546
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch18, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 56.89
Std Dev 2.61
Entry
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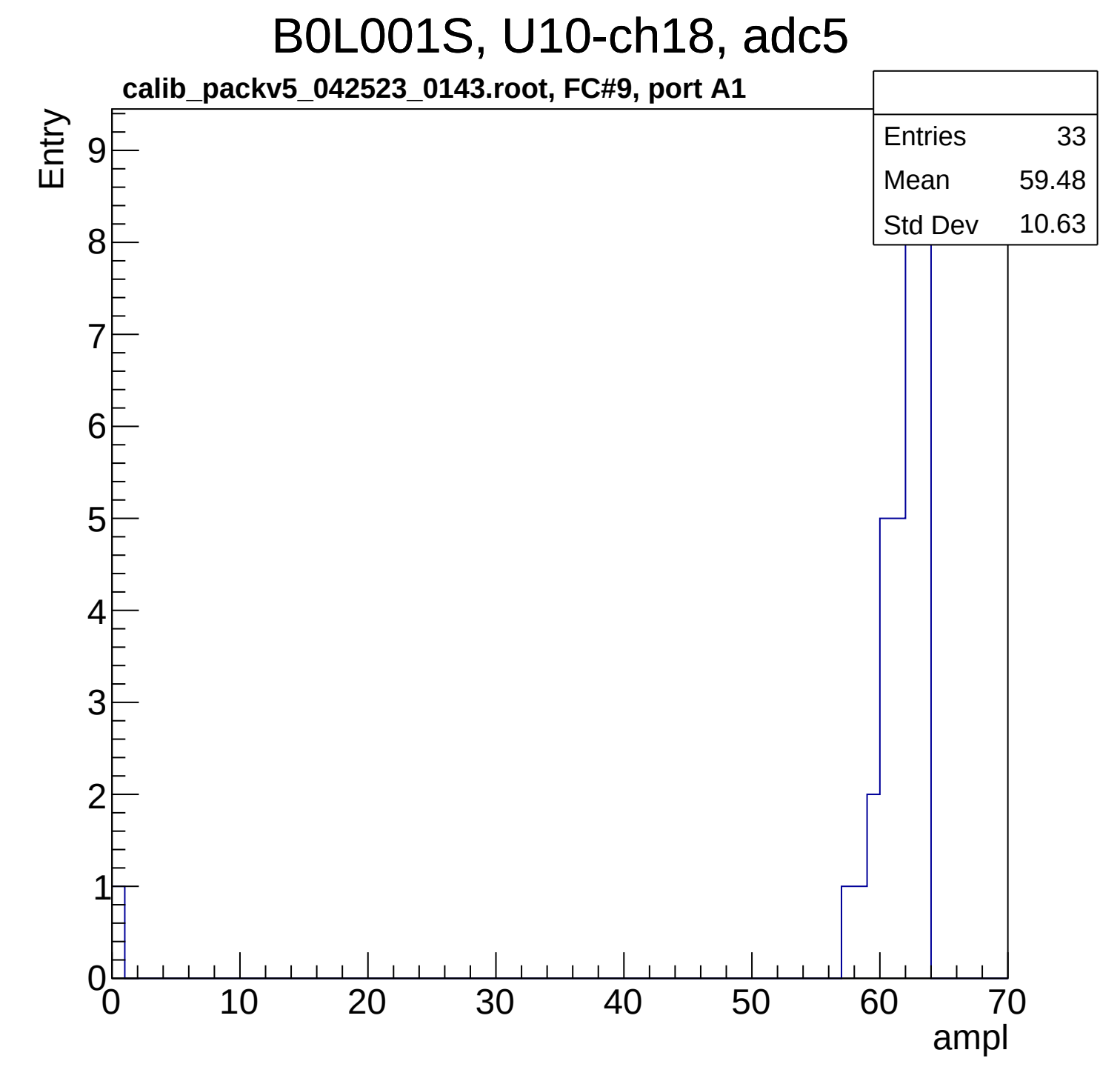
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch18, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 59.48
Std Dev 10.63
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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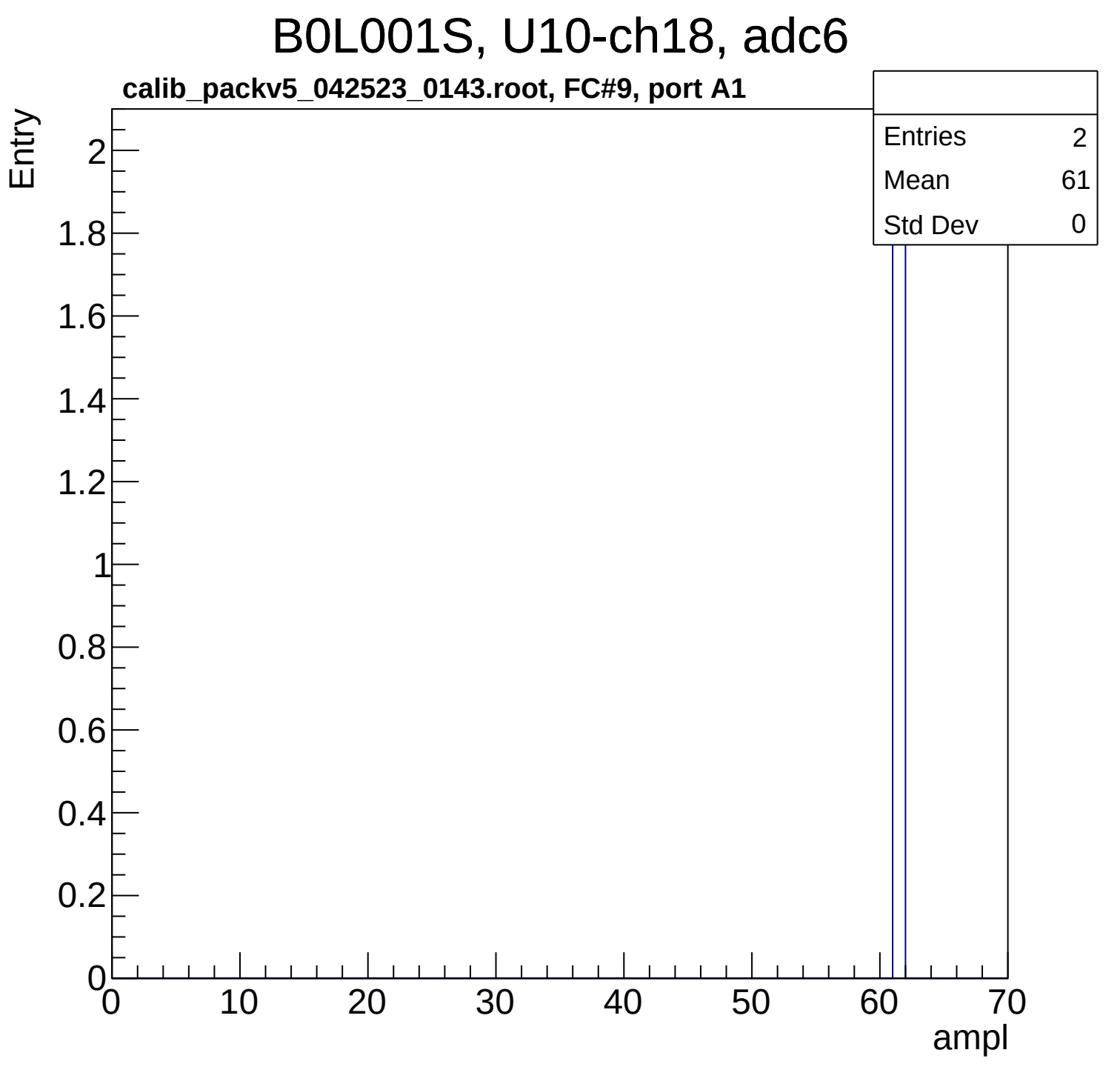
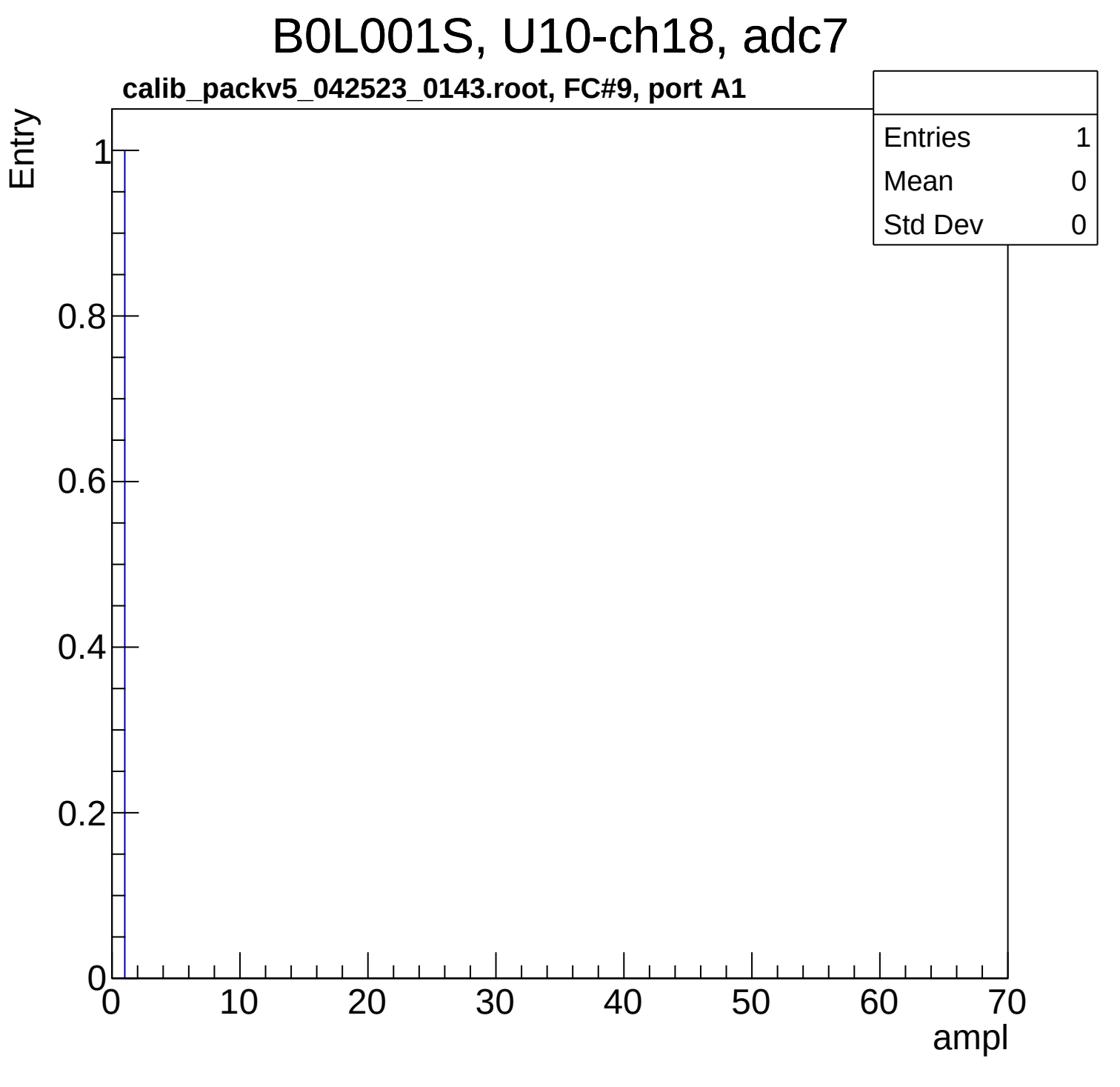
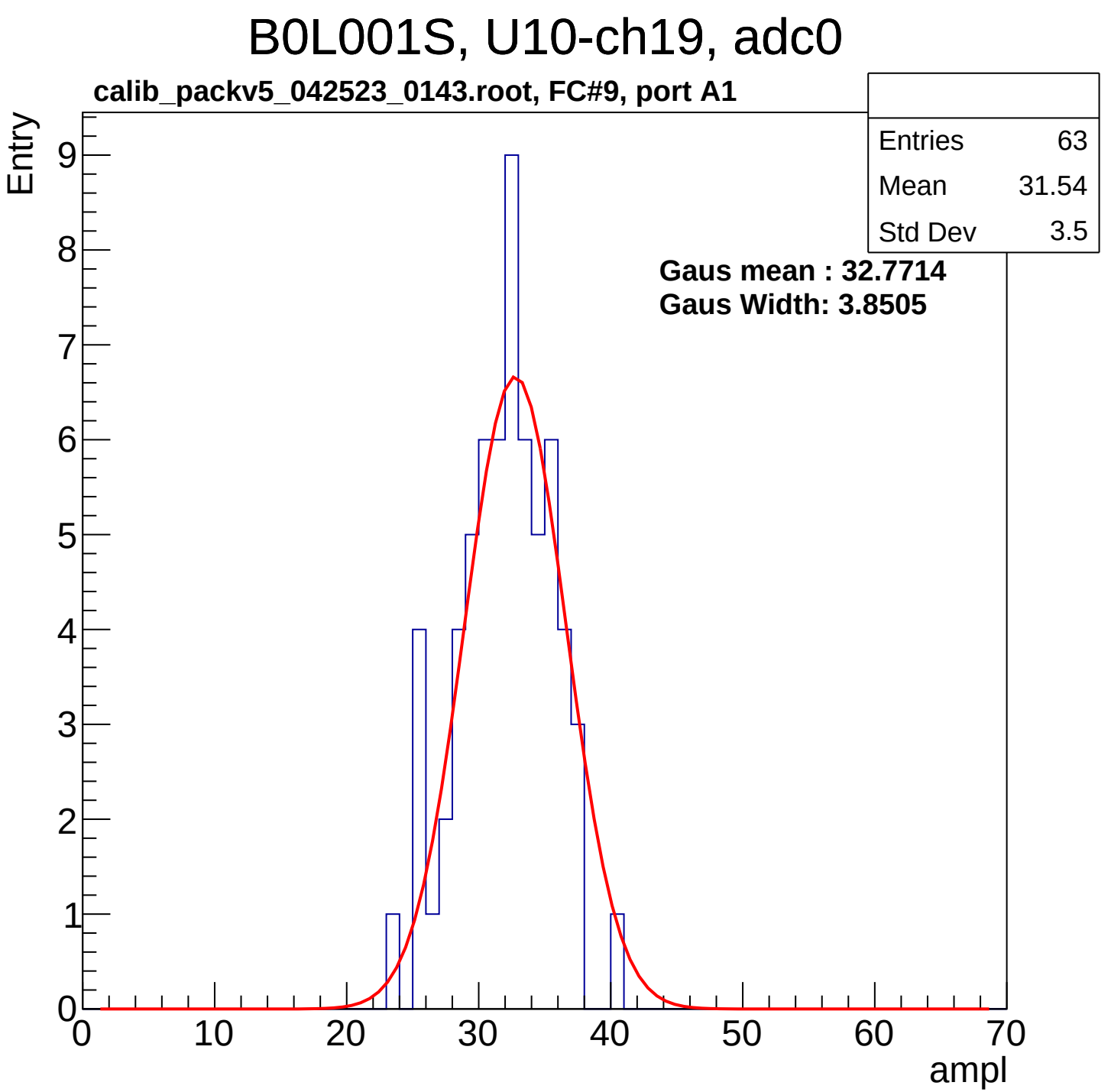

B0L001S, U10-ch18, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 61
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U10-ch18, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch19, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 31.54
Std Dev 3.5
Gaus mean : 32.7714
Gaus Width: 3.8505
Entry
ampl
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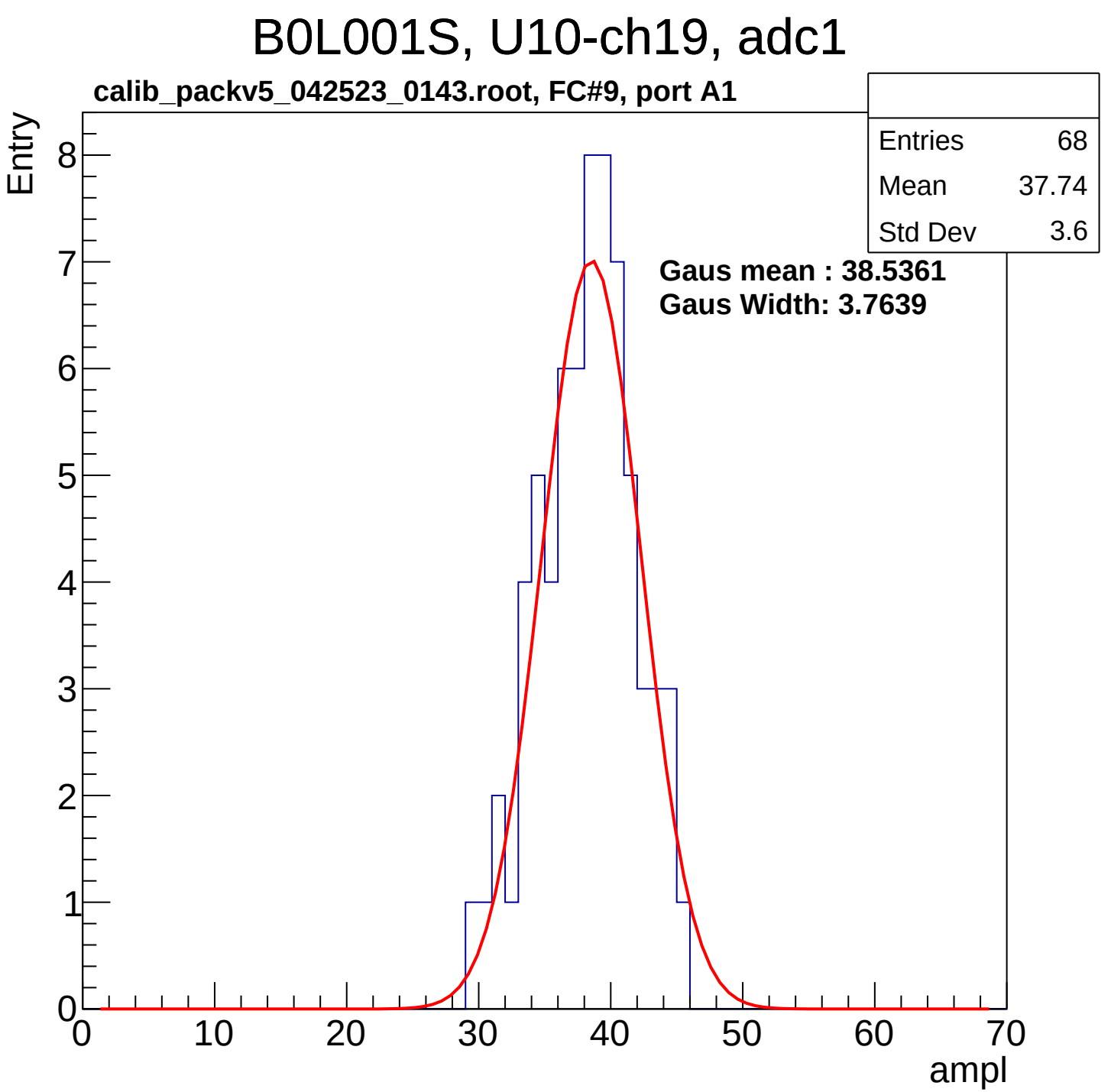
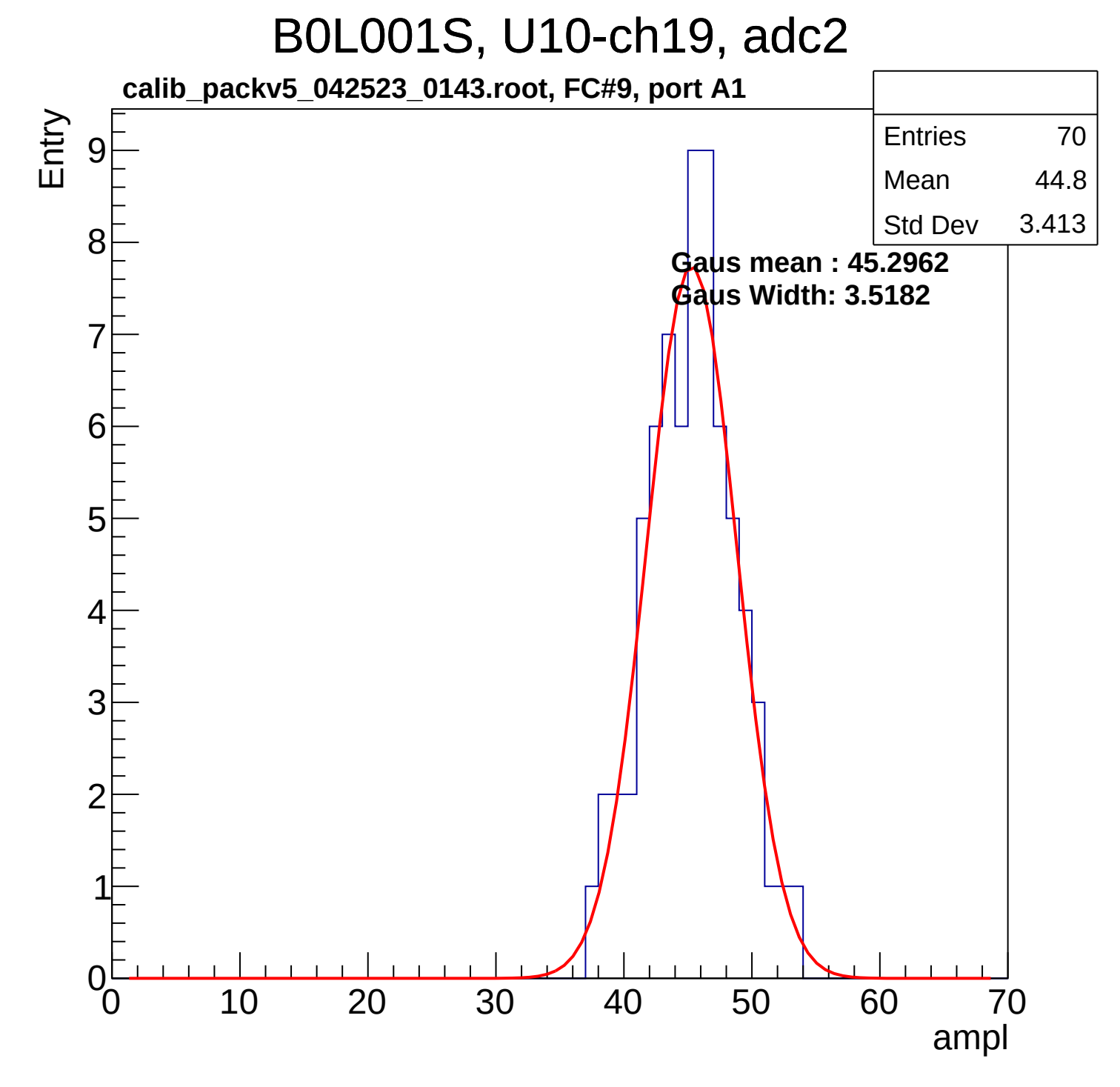
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch19, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 37.74
Std Dev 3.6
Gaus mean : 38.5361
Gaus Width: 3.7639
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch19, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 44.8
Std Dev 3.413
Gaus mean : 45.2962
Gaus Width: 3.5182
Entry
ampl
0
1
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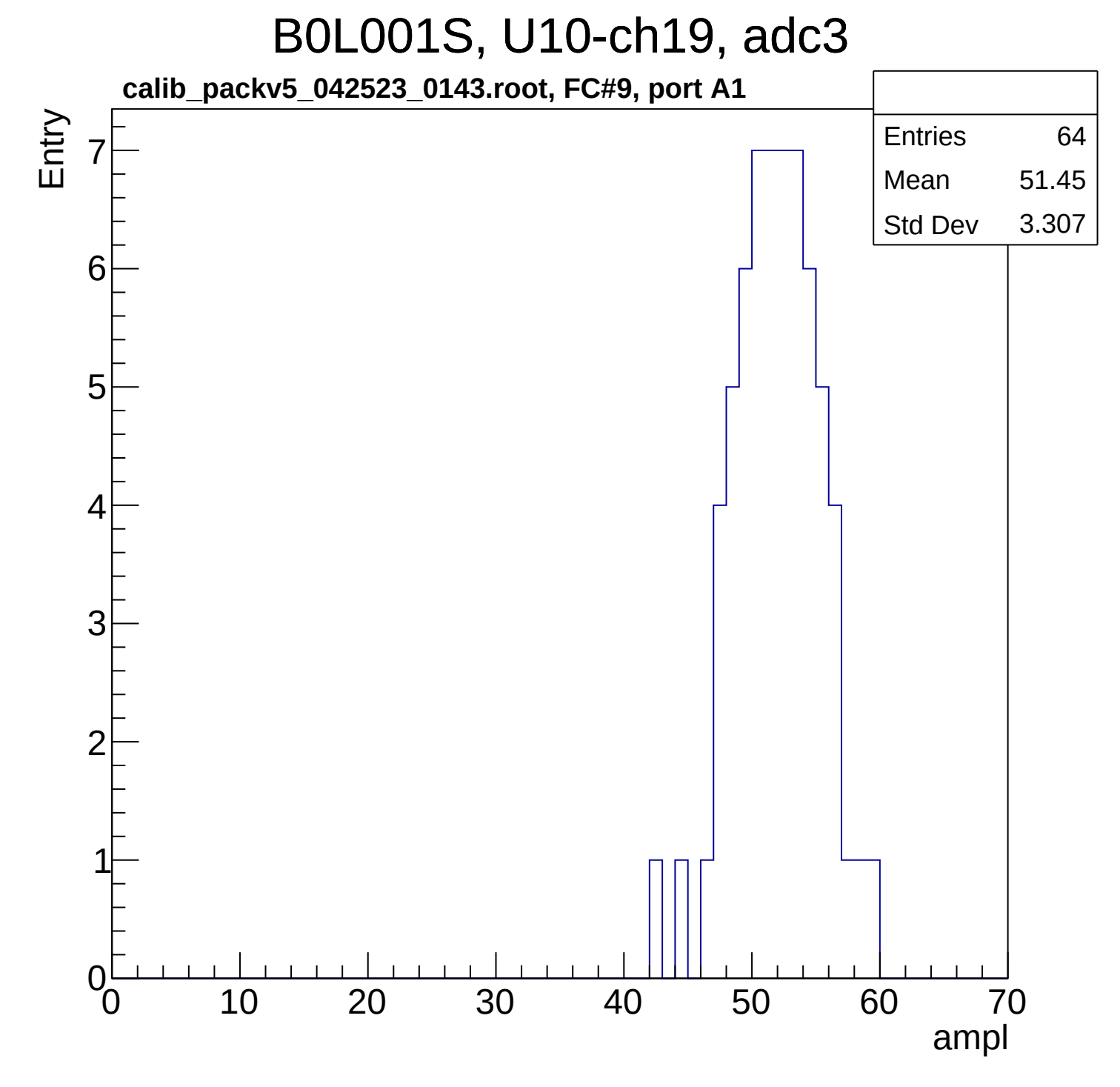
B0L001S, U10-ch19, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 51.45
Std Dev 3.307
Entry
ampl
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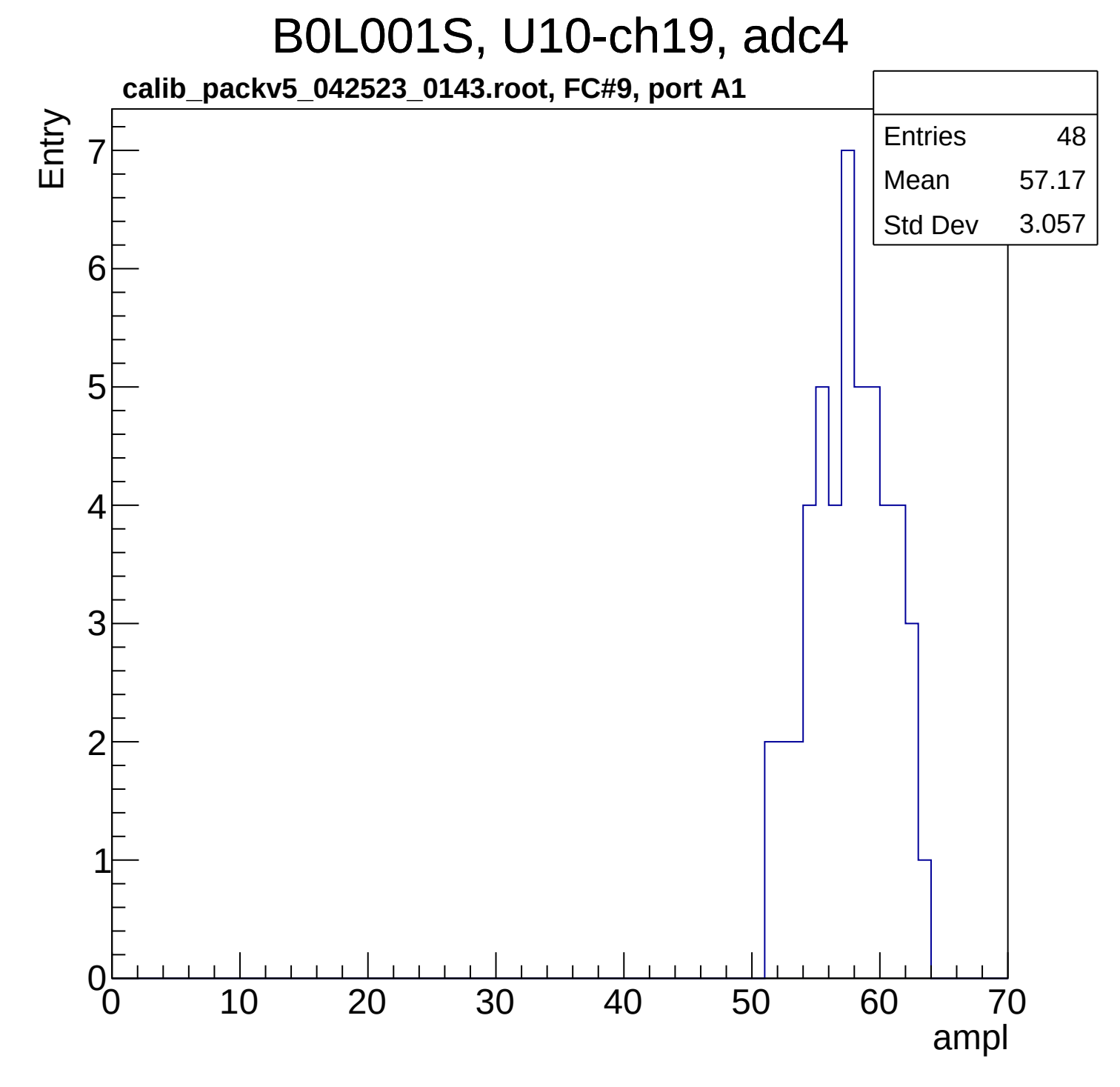
B0L001S, U10-ch19, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 57.17
Std Dev 3.057
Entry
ampl
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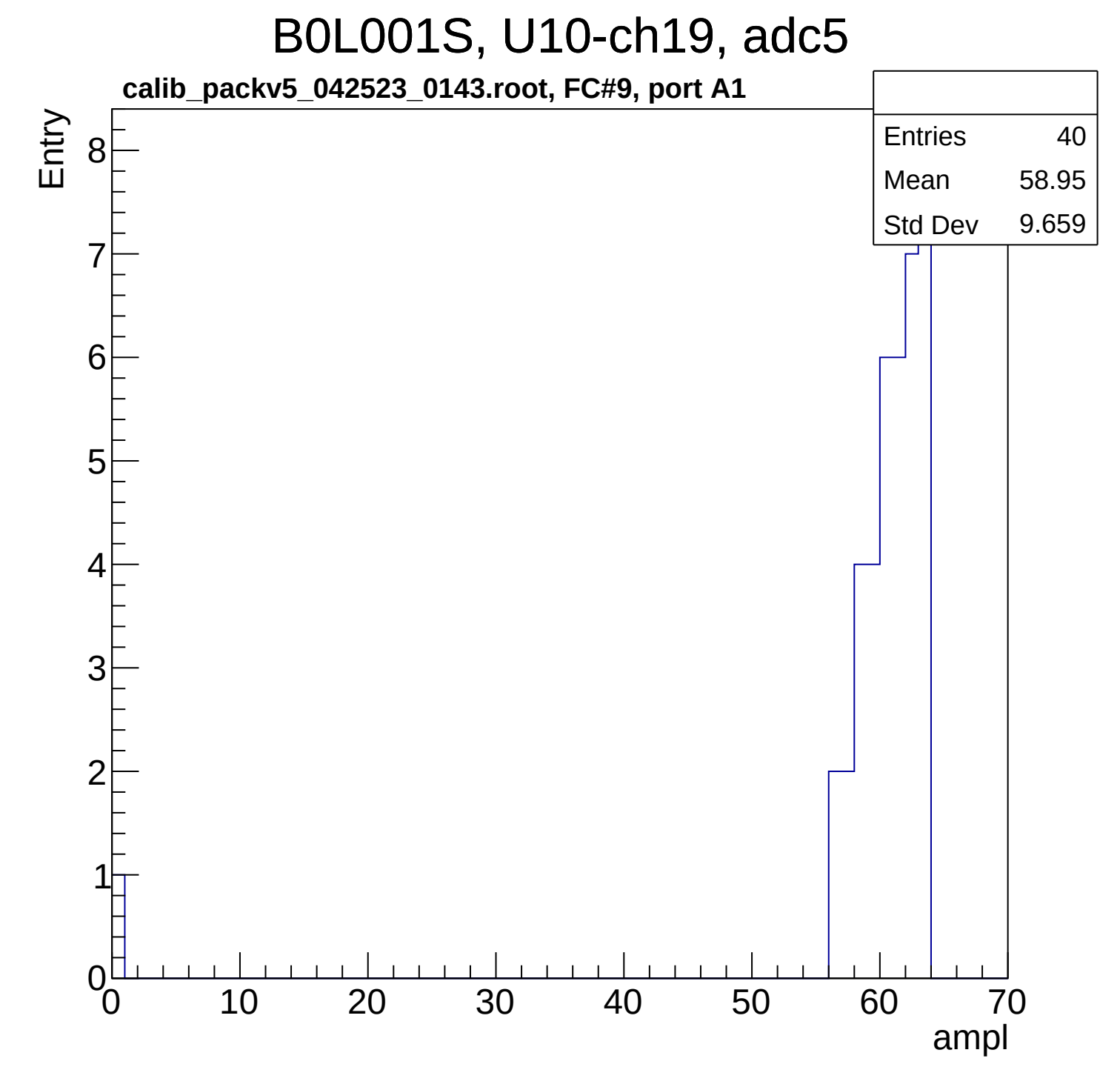
B0L001S, U10-ch19, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 58.95
Std Dev 9.659
Entry
ampl
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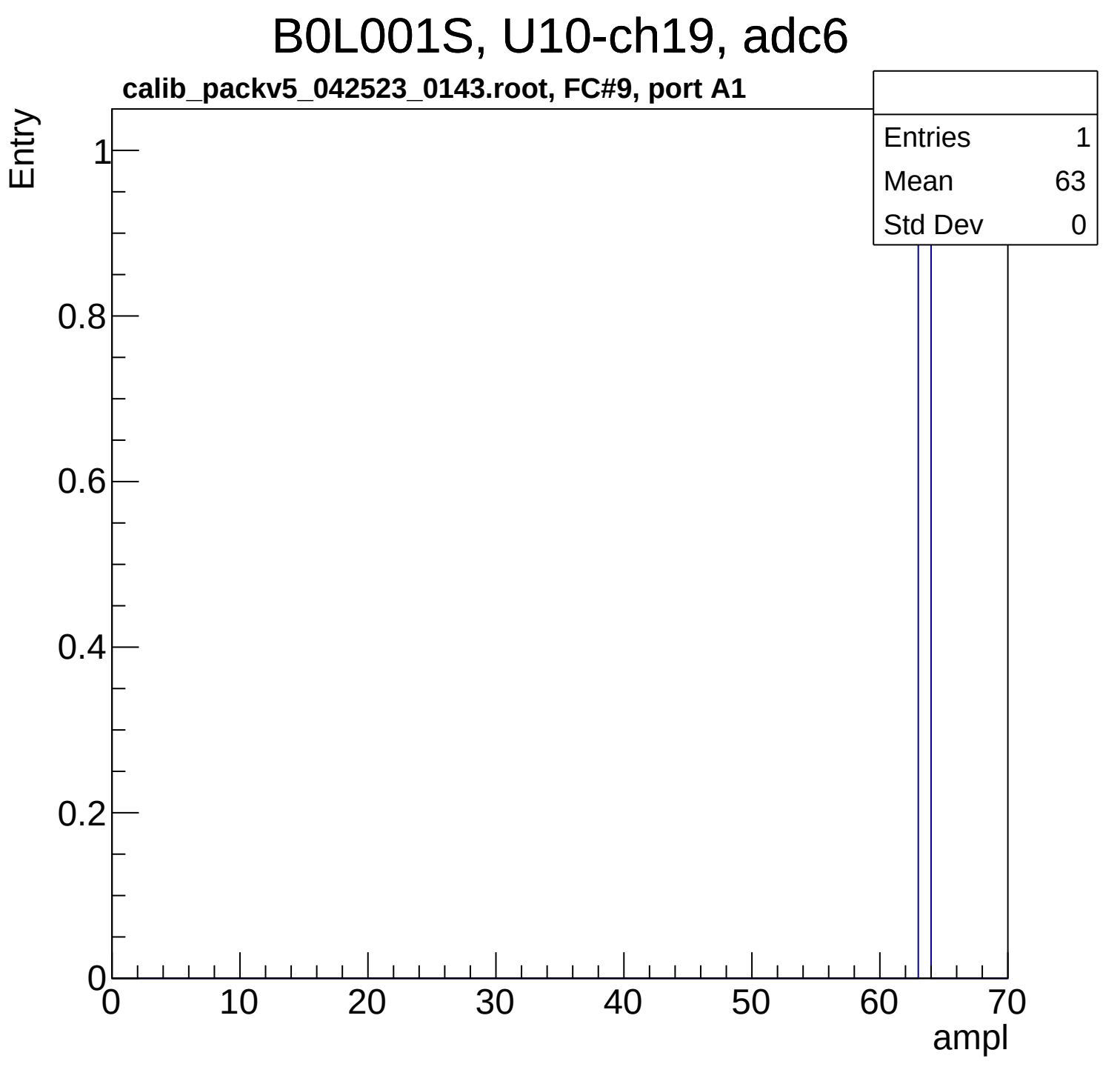
B0L001S, U10-ch19, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
30
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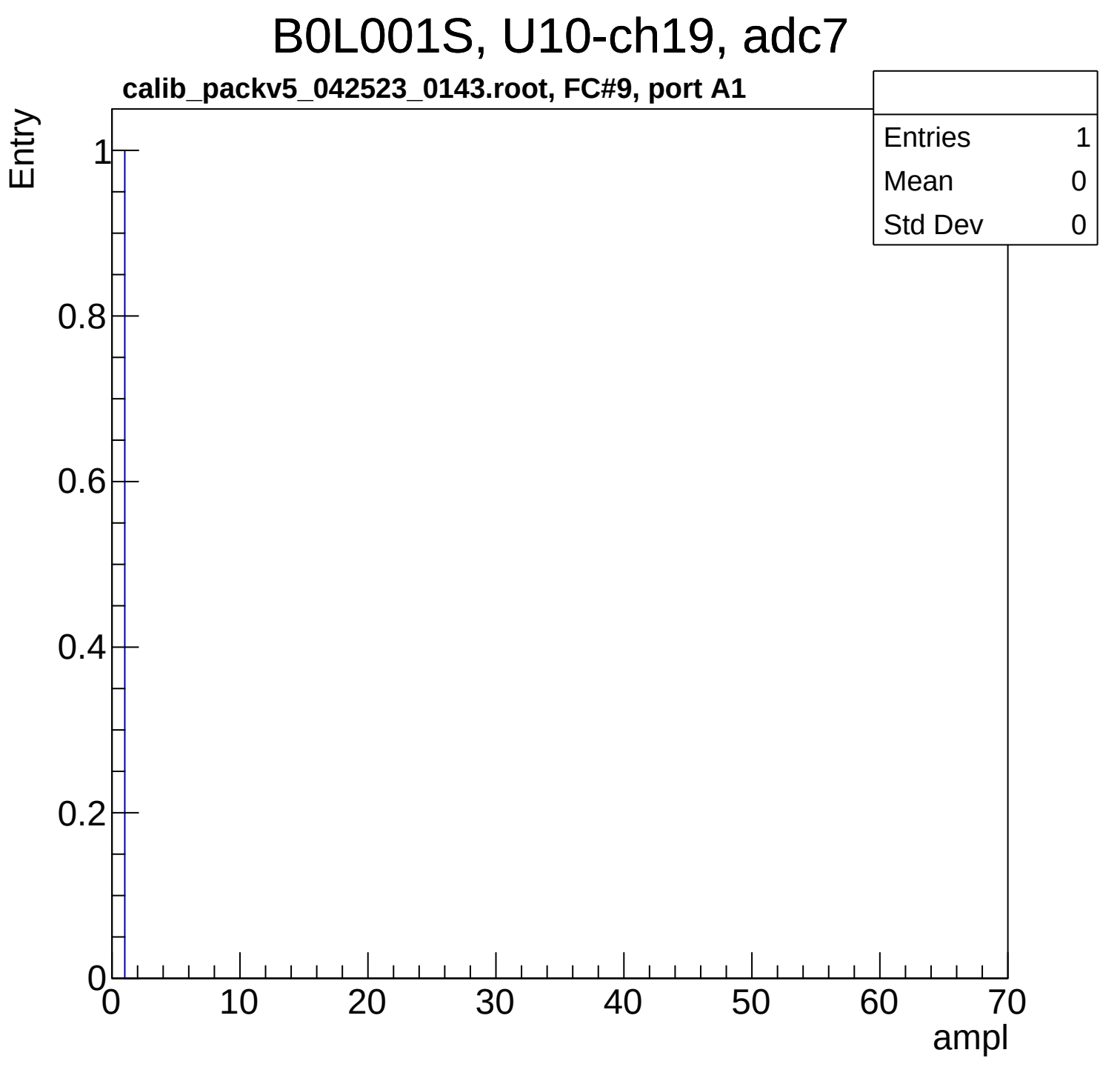
50
60
70
ampl


B0L001S, U10-ch19, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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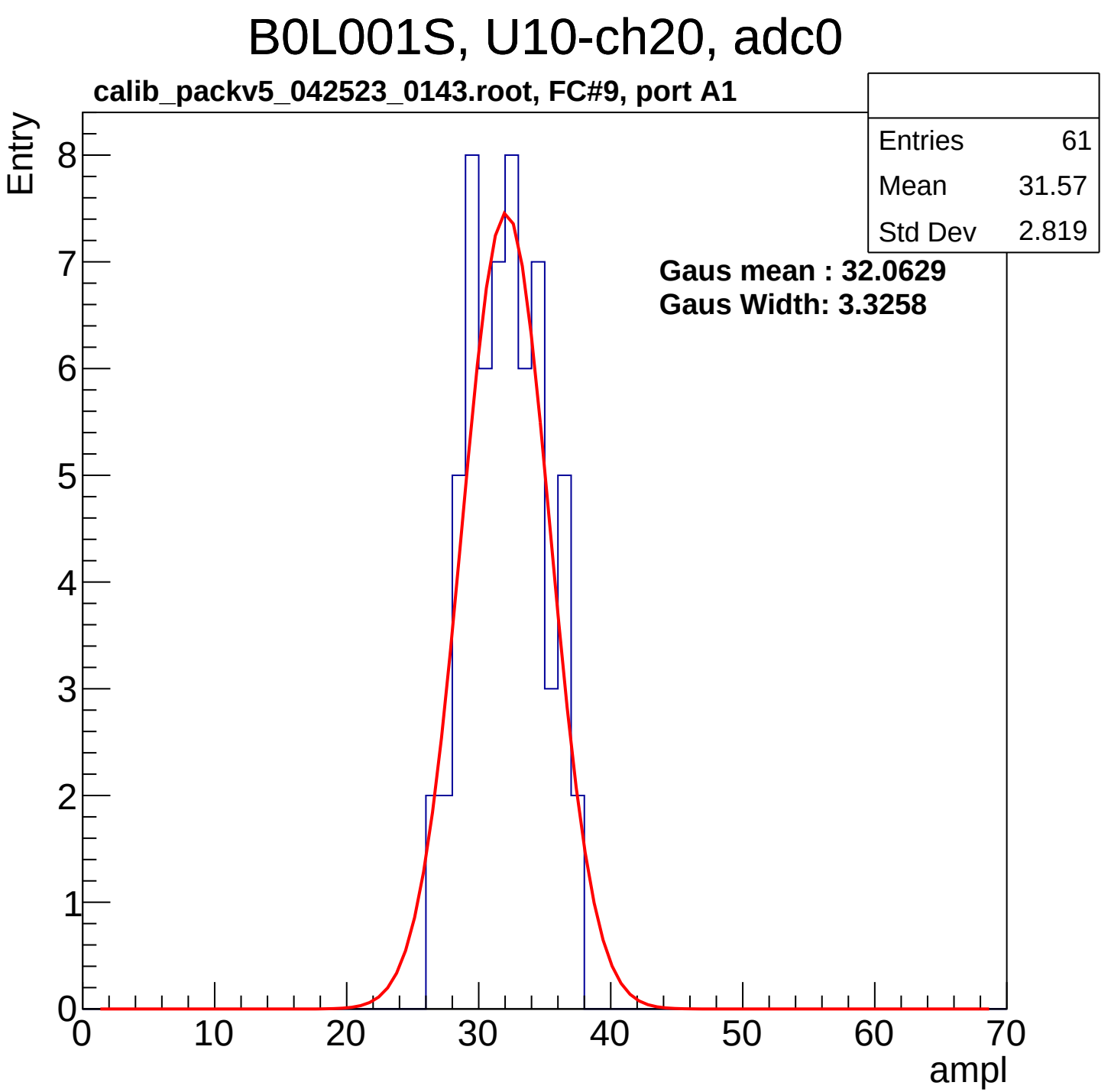
40
50
60
70
ampl


B0L001S, U10-ch20, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 31.57
Std Dev 2.819
Gaus mean : 32.0629
Gaus Width: 3.3258
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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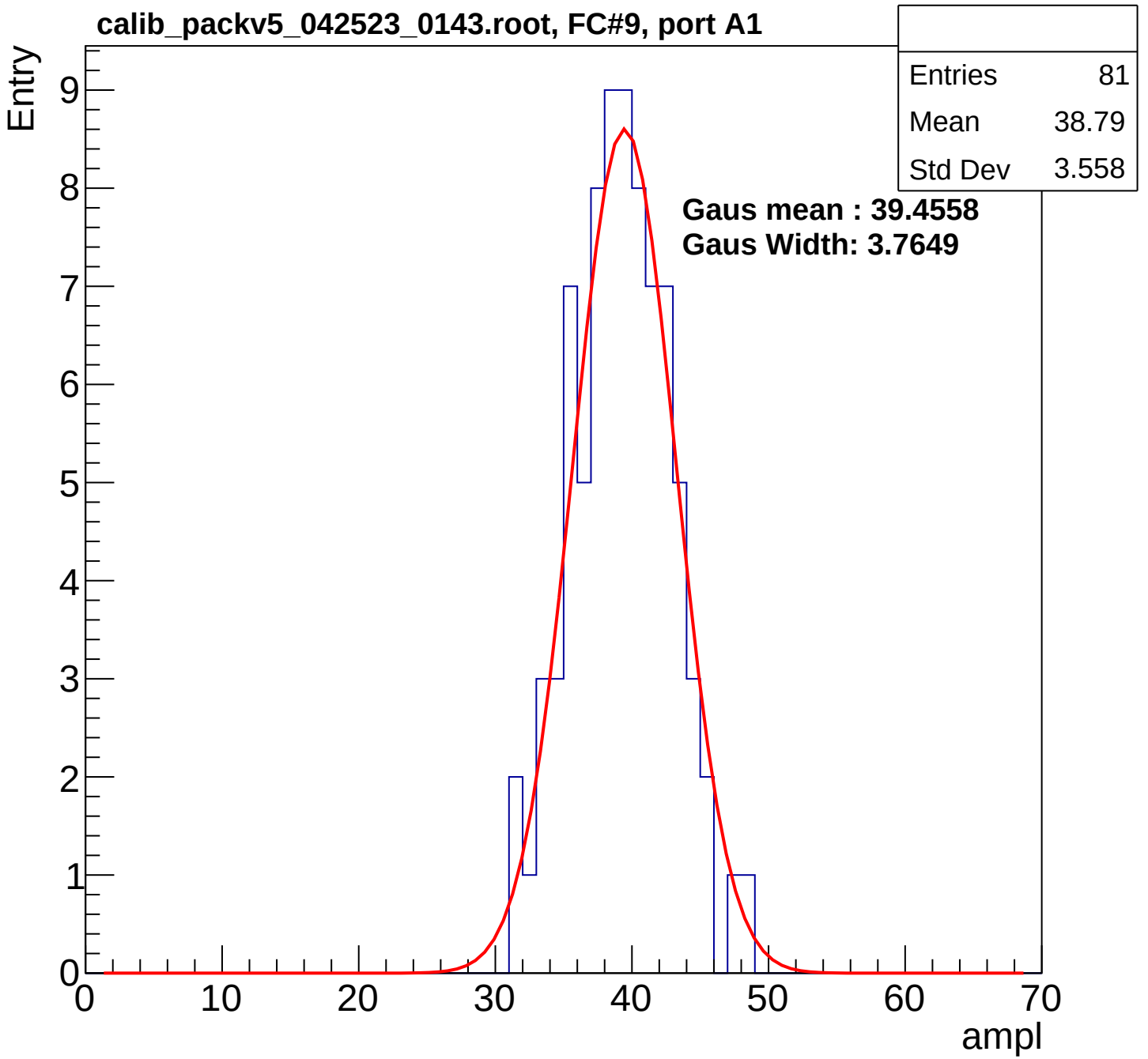
B0L001S, U10-ch20, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 38.79
Std Dev 3.558
Gaus mean : 39.4558
Gaus Width: 3.7649
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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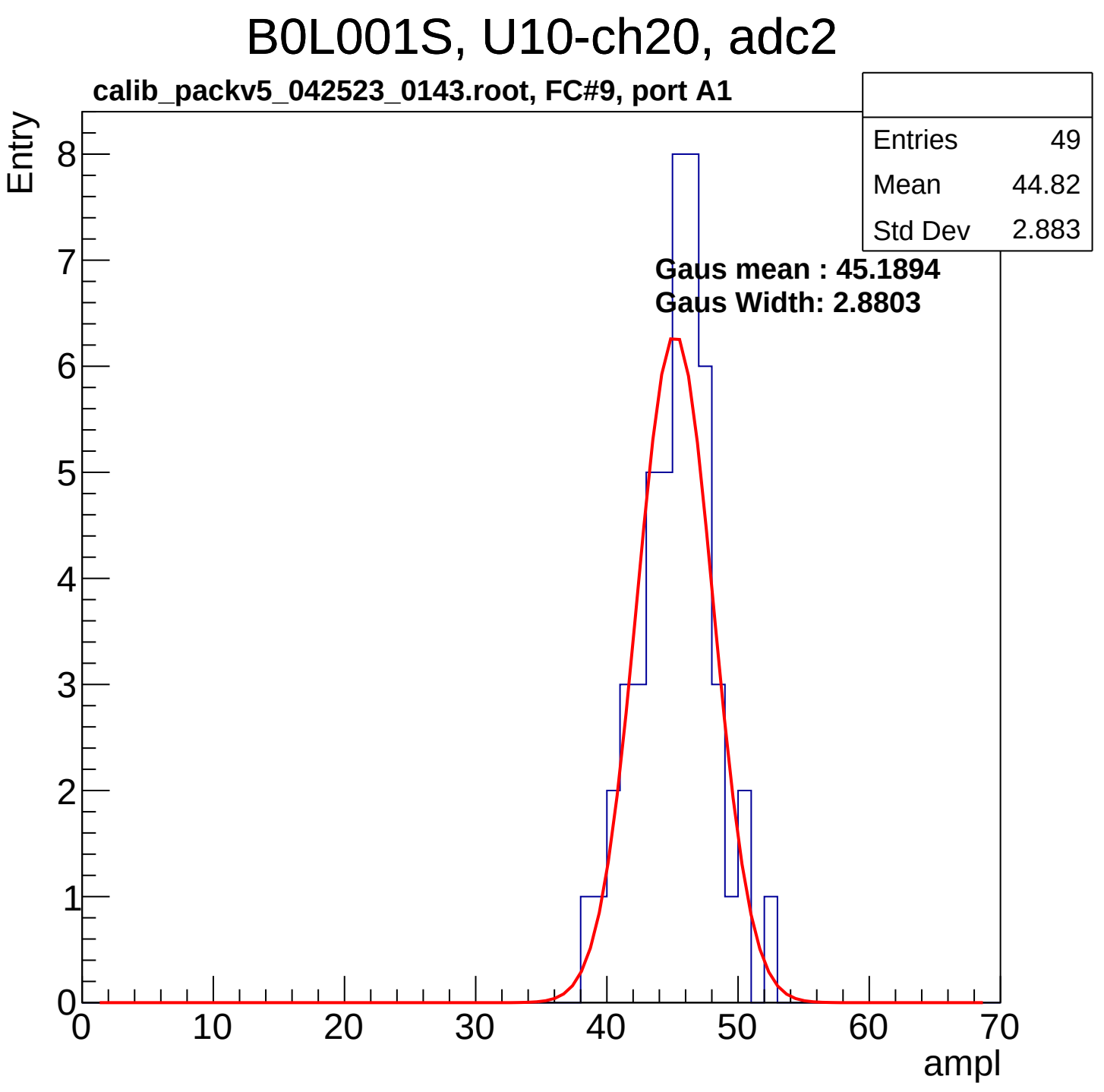
B0L001S, U10-ch20, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 44.82
Std Dev 2.883
Gaus mean : 45.1894
Gaus Width: 2.8803
Entry
ampl
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1
2
3
4
5
6
7
8
0
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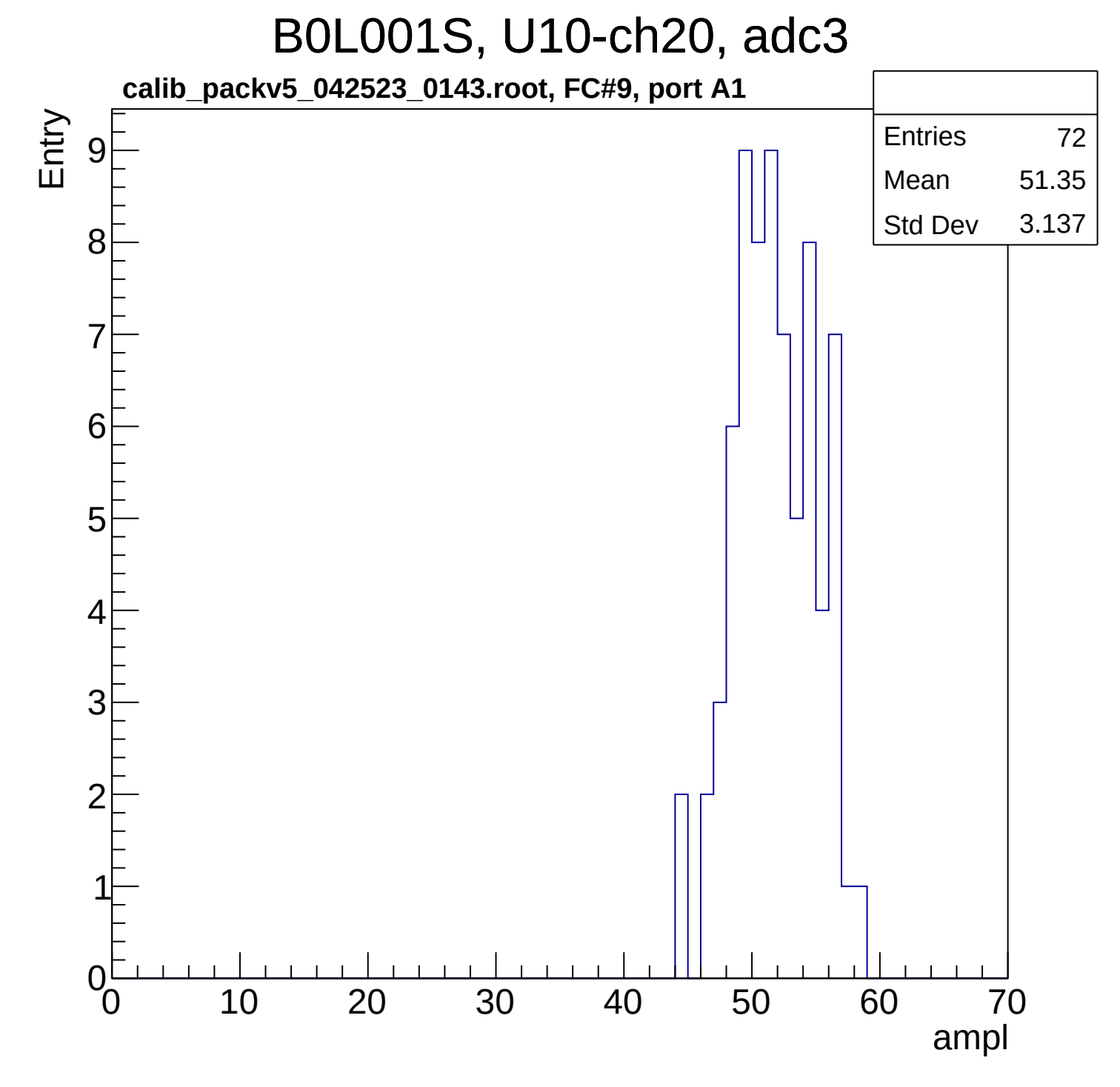
B0L001S, U10-ch20, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 51.35
Std Dev 3.137
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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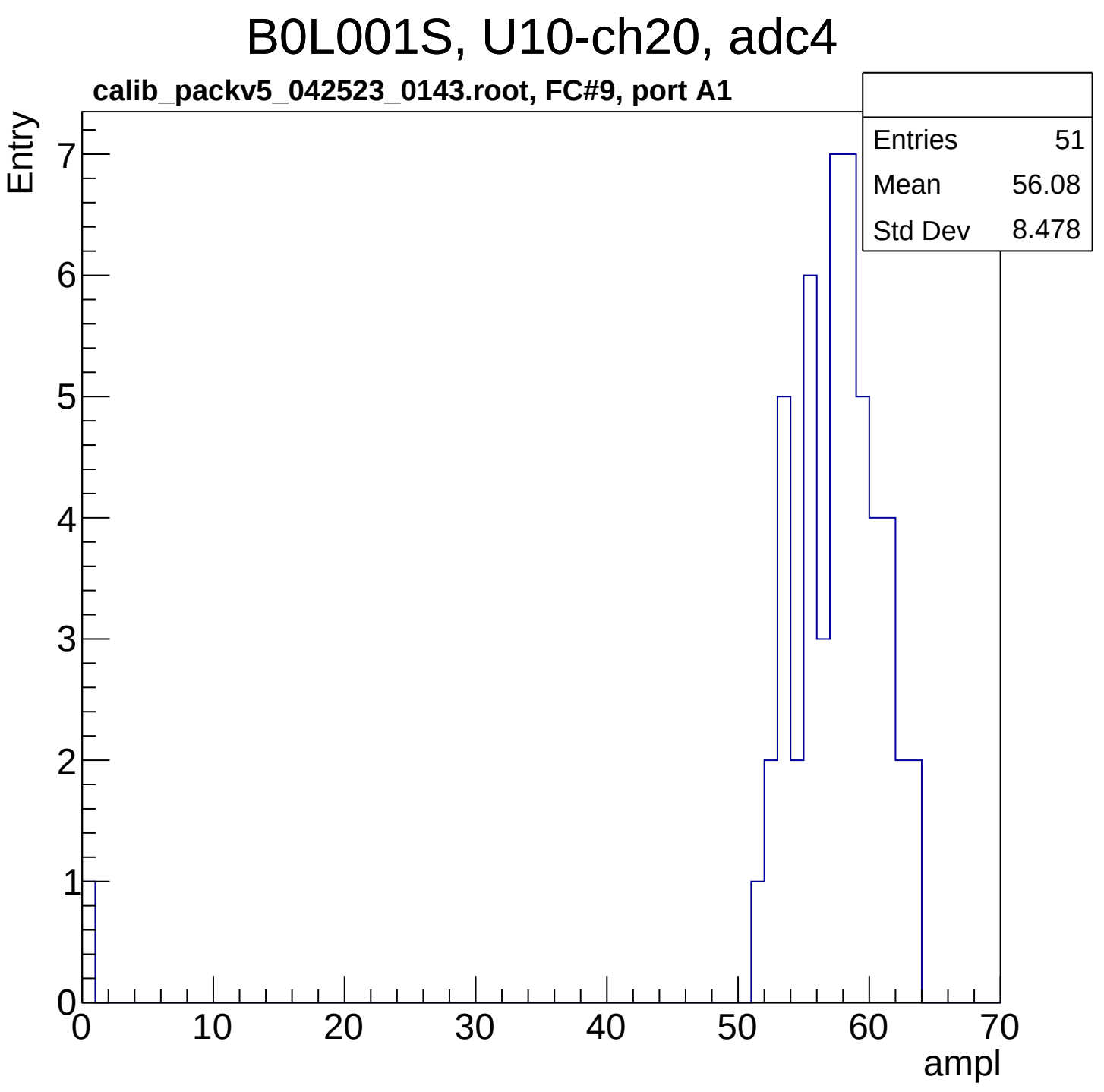
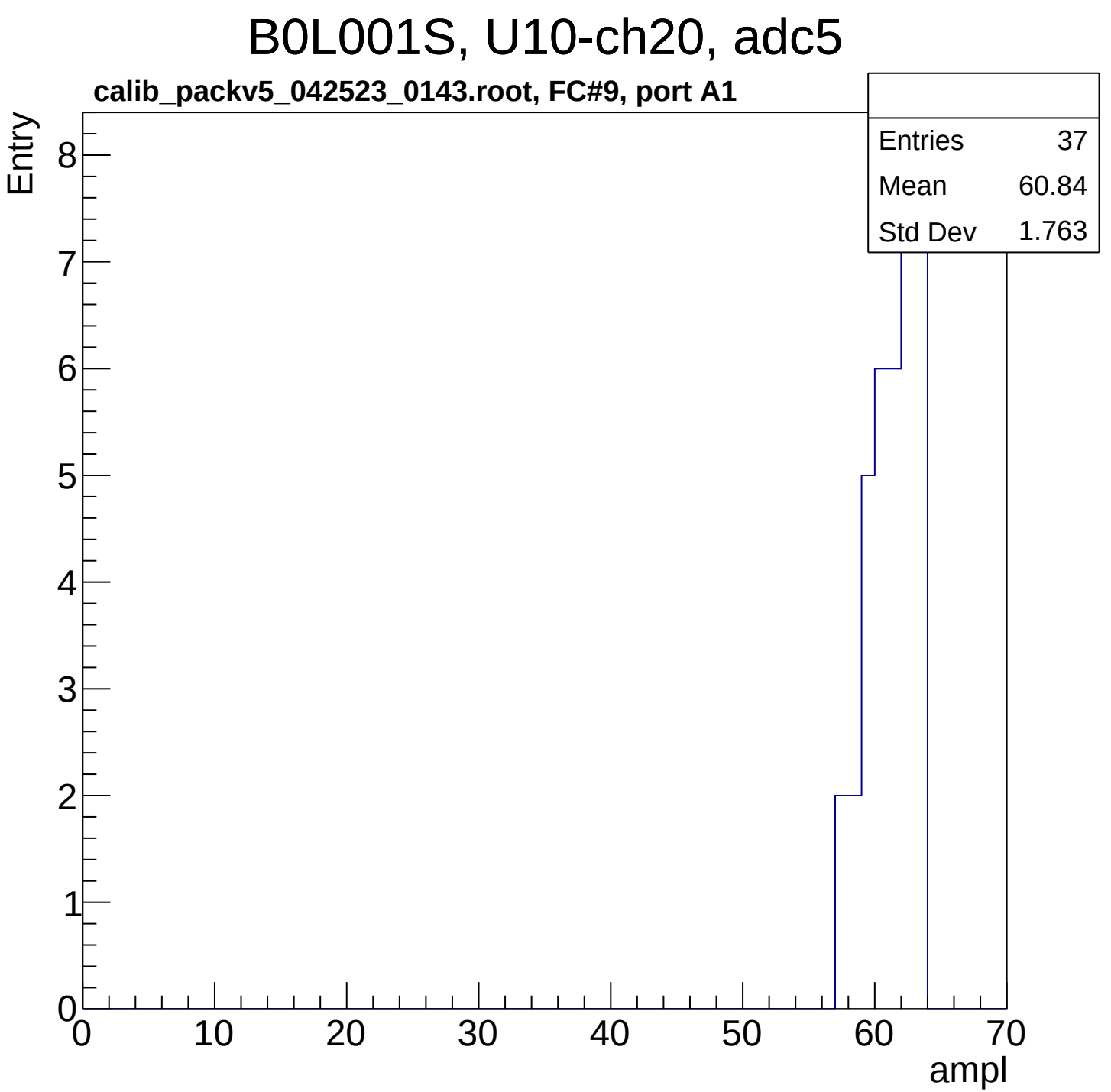

B0L001S, U10-ch20, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 56.08
Std Dev 8.478
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch20, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 60.84
Std Dev 1.763
Entry
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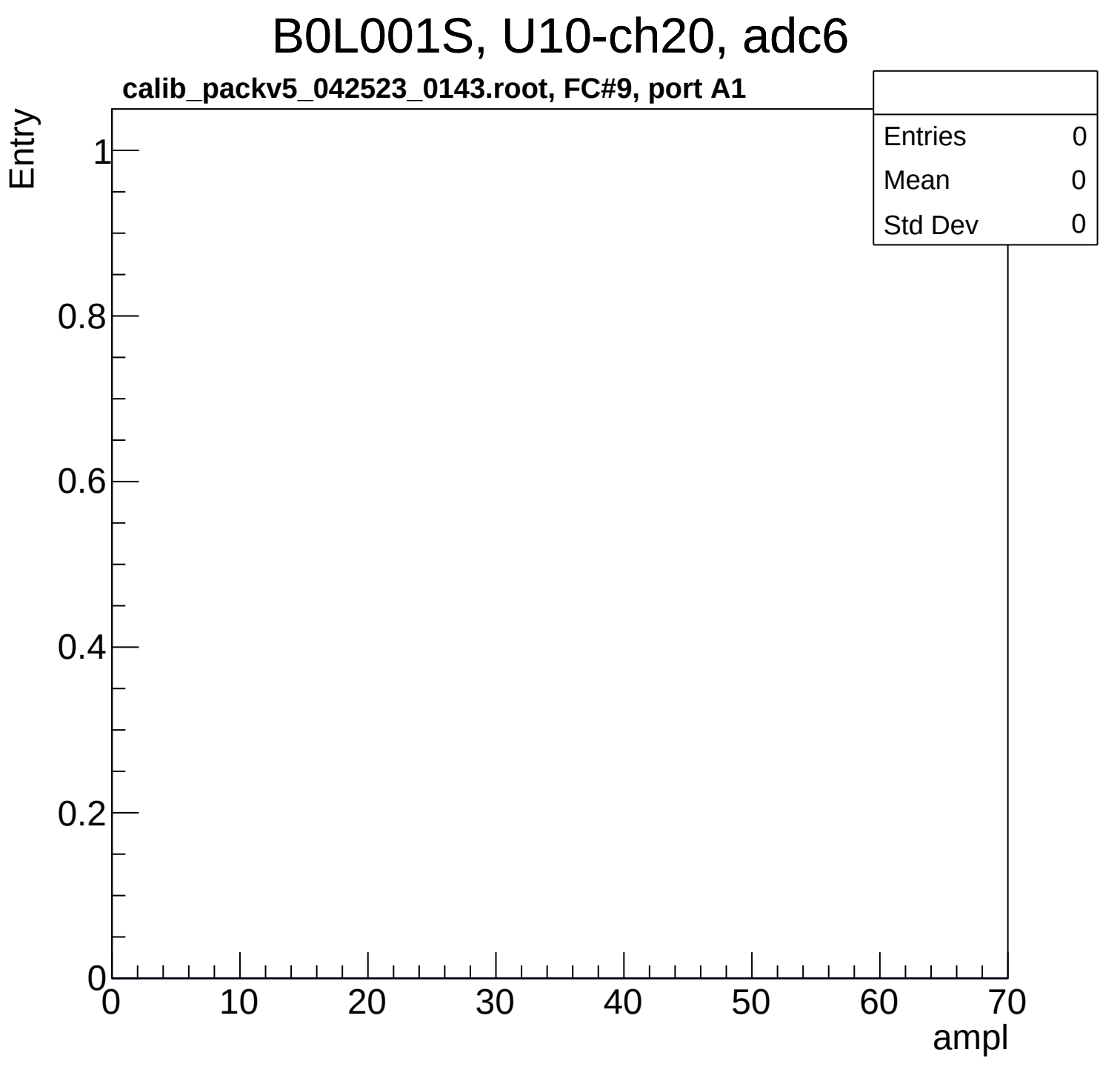
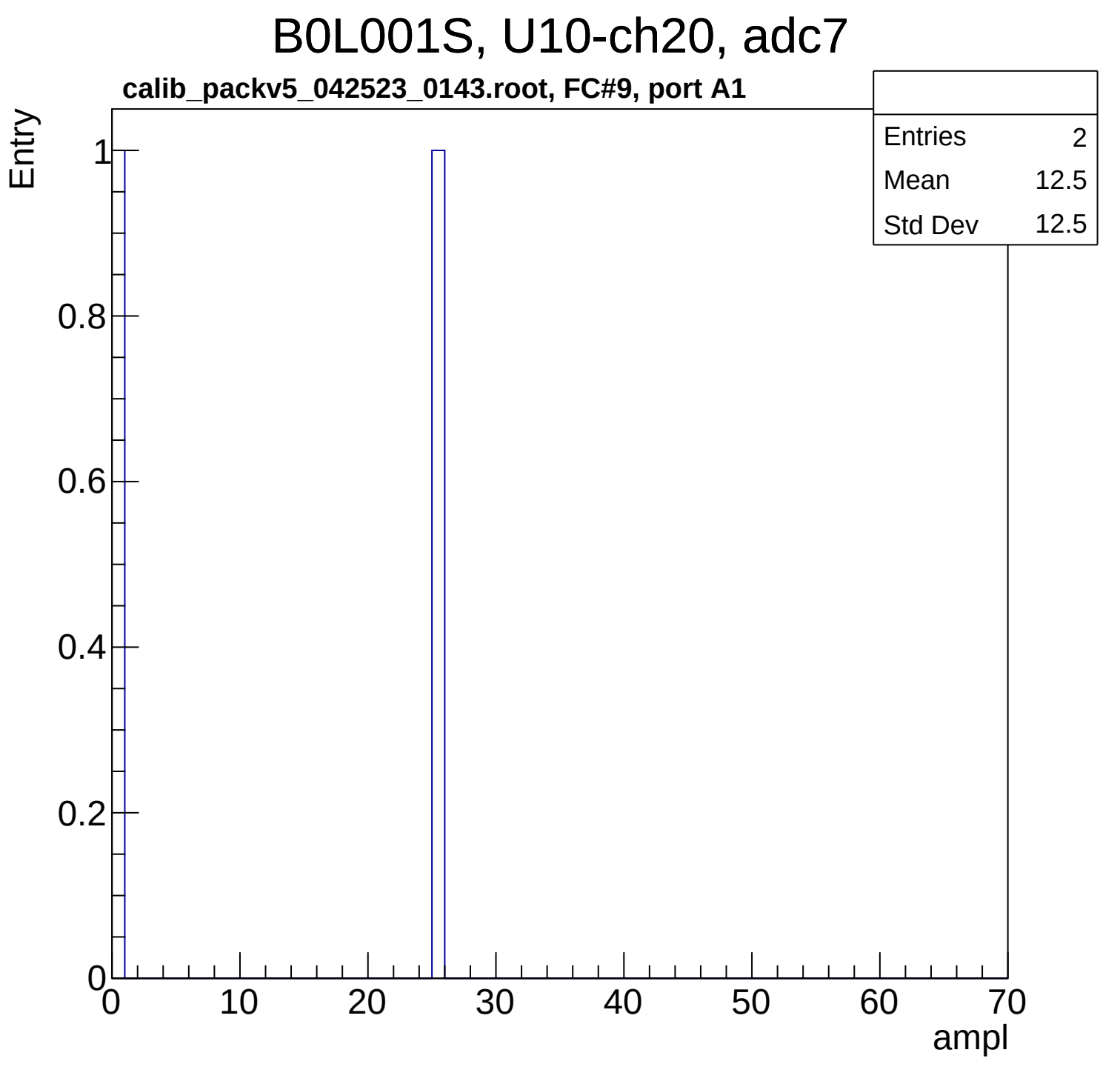
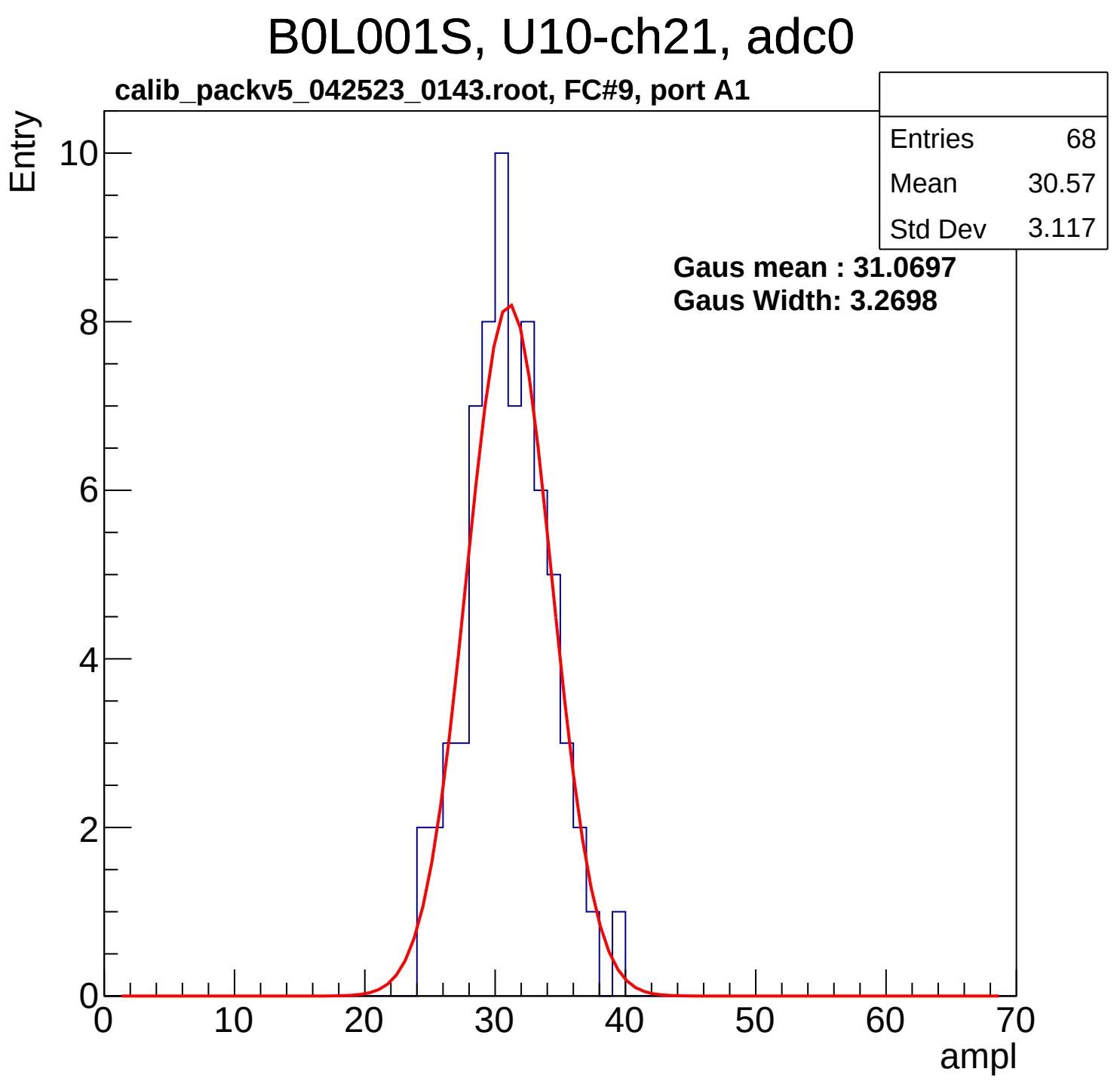
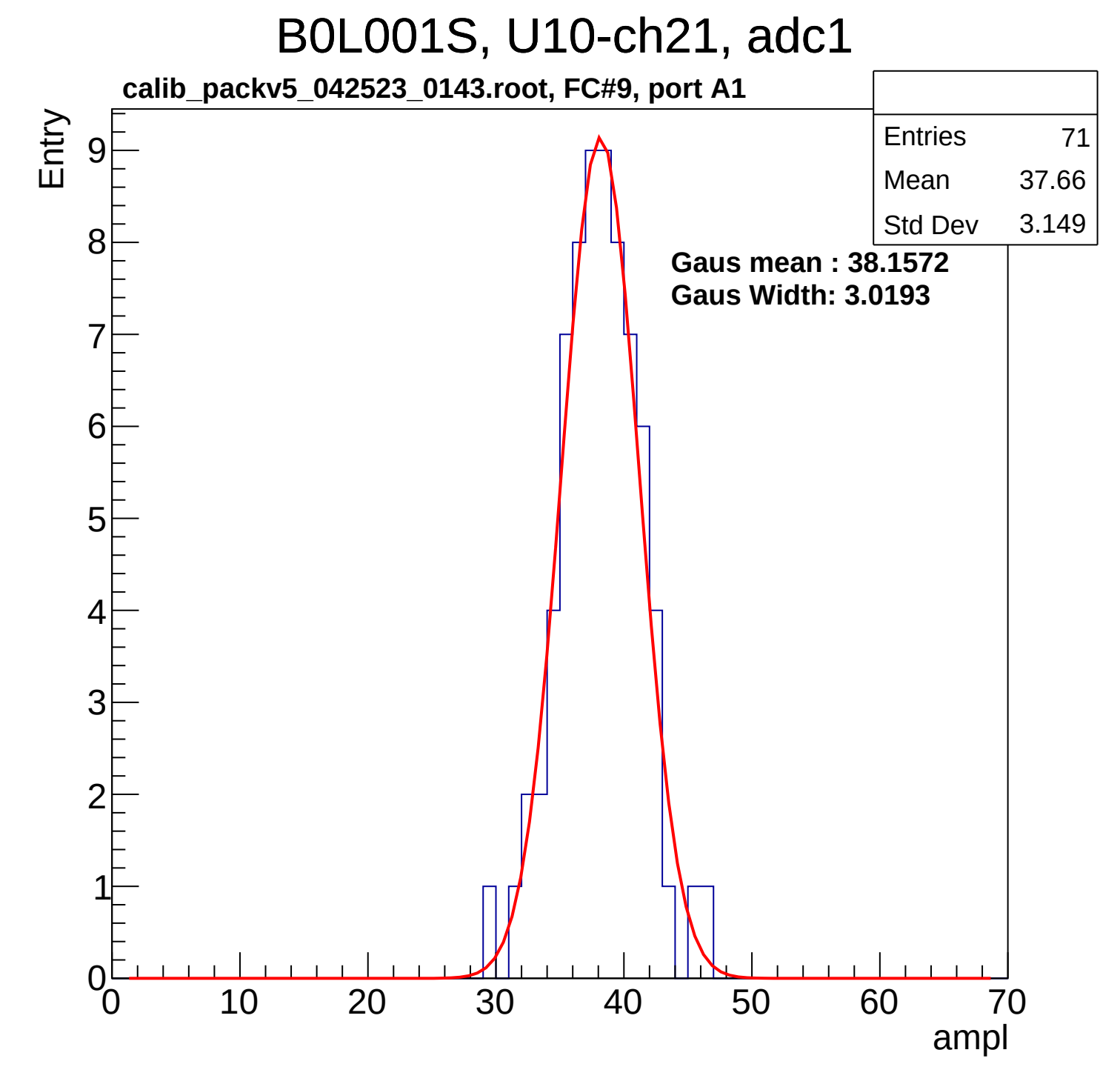
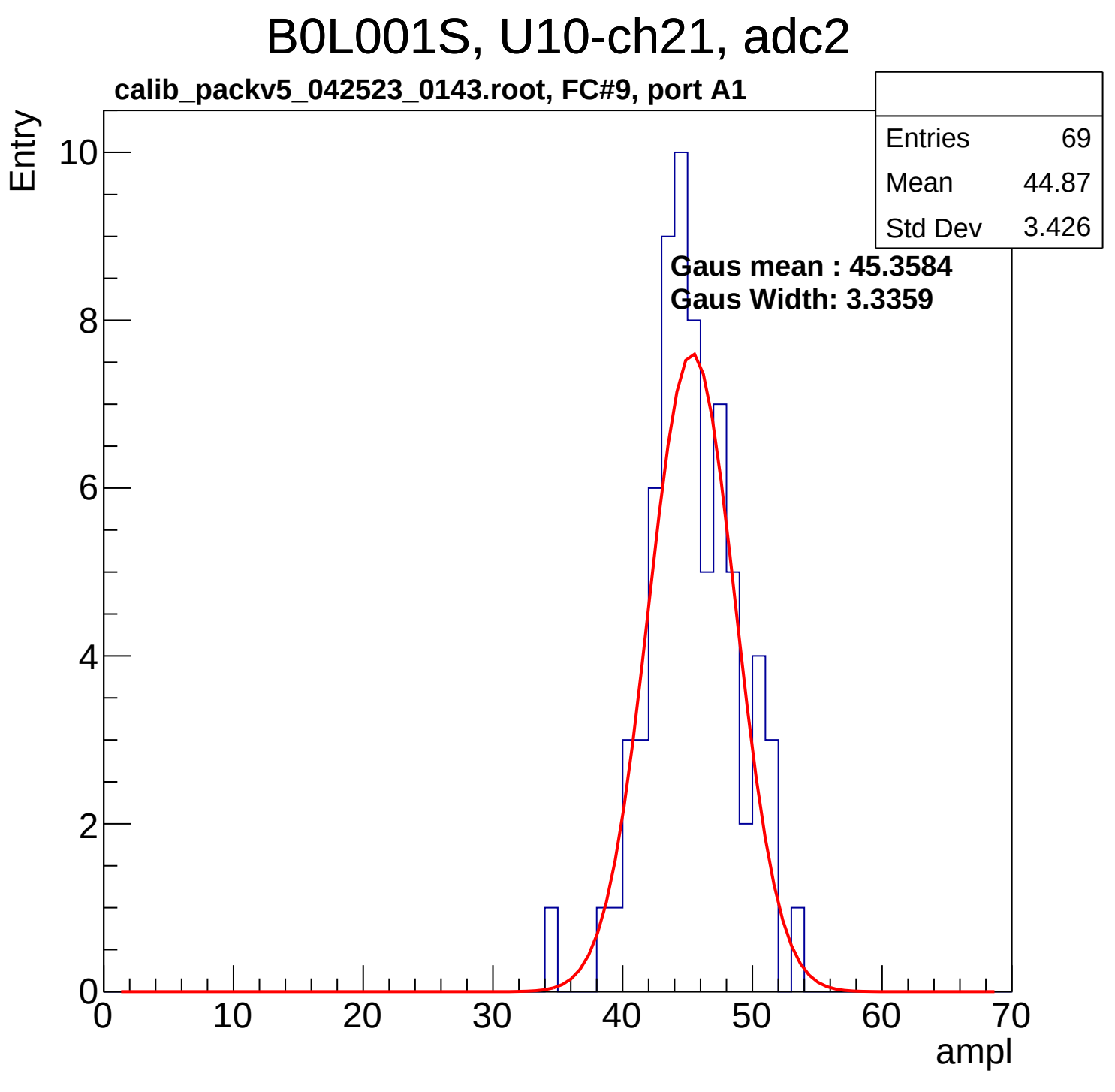
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

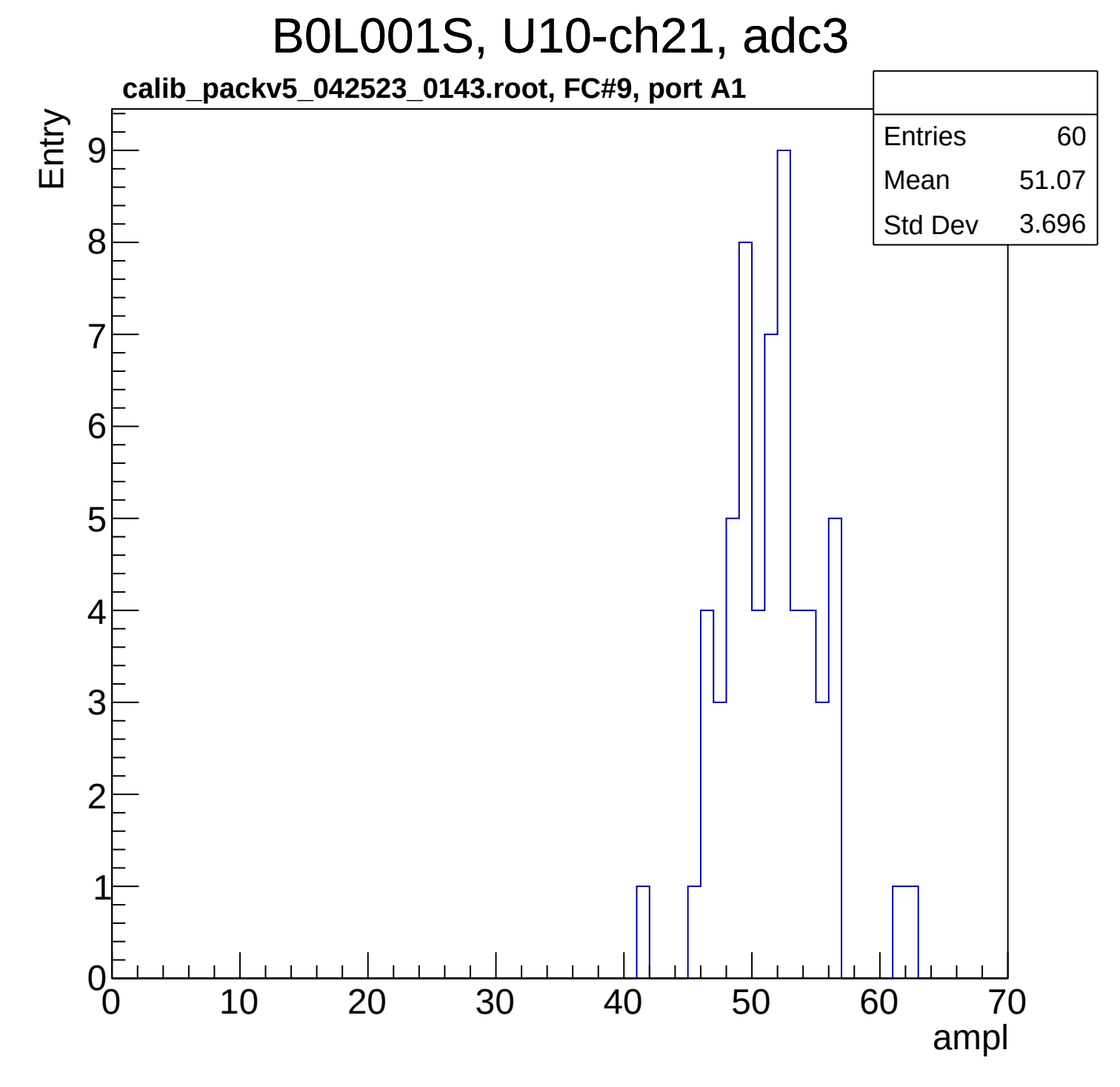

B0L001S, U10-ch20, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch20, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 12.5
Std Dev 12.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch21, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 30.57
Std Dev 3.117
Gaus mean : 31.0697
Gaus Width: 3.2698
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch21, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.66
Std Dev 3.149
Gaus mean : 38.1572
Gaus Width: 3.0193
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch21, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.87
Std Dev 3.426
Gaus mean : 45.3584
Gaus Width: 3.3359
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch21, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 51.07
Std Dev 3.696
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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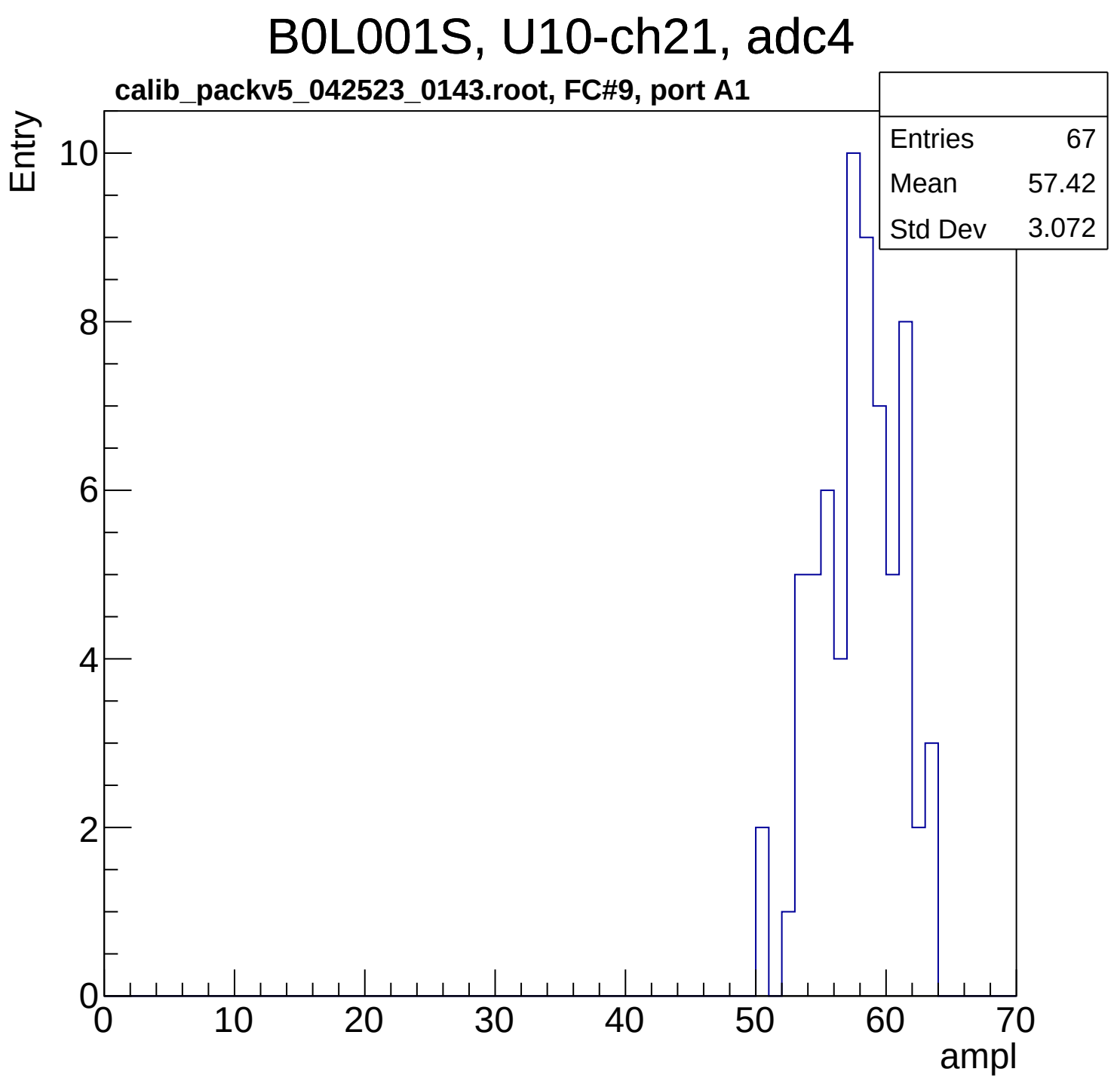
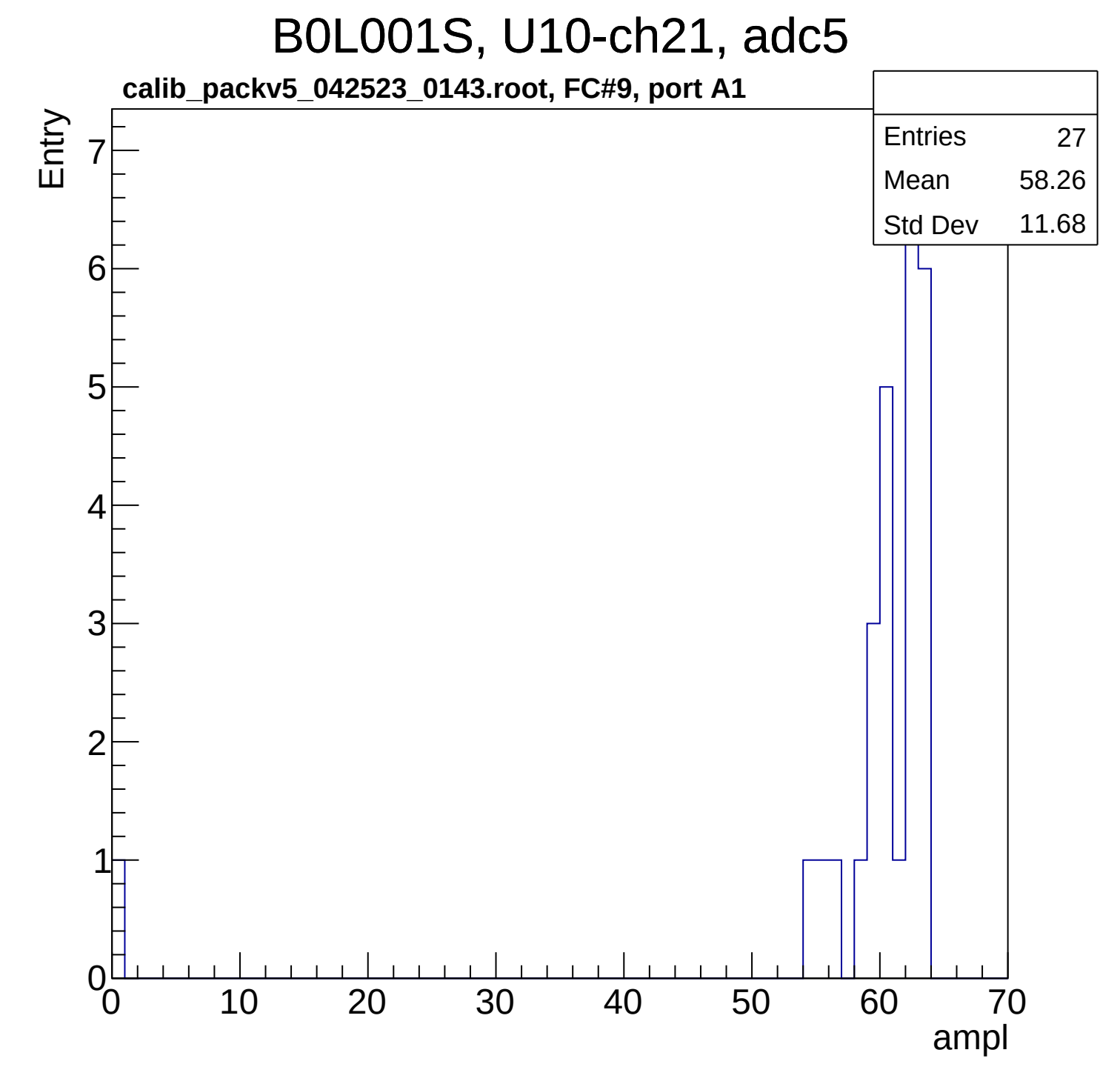

B0L001S, U10-ch21, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 57.42
Std Dev 3.072
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch21, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.26
Std Dev 11.68
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
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60
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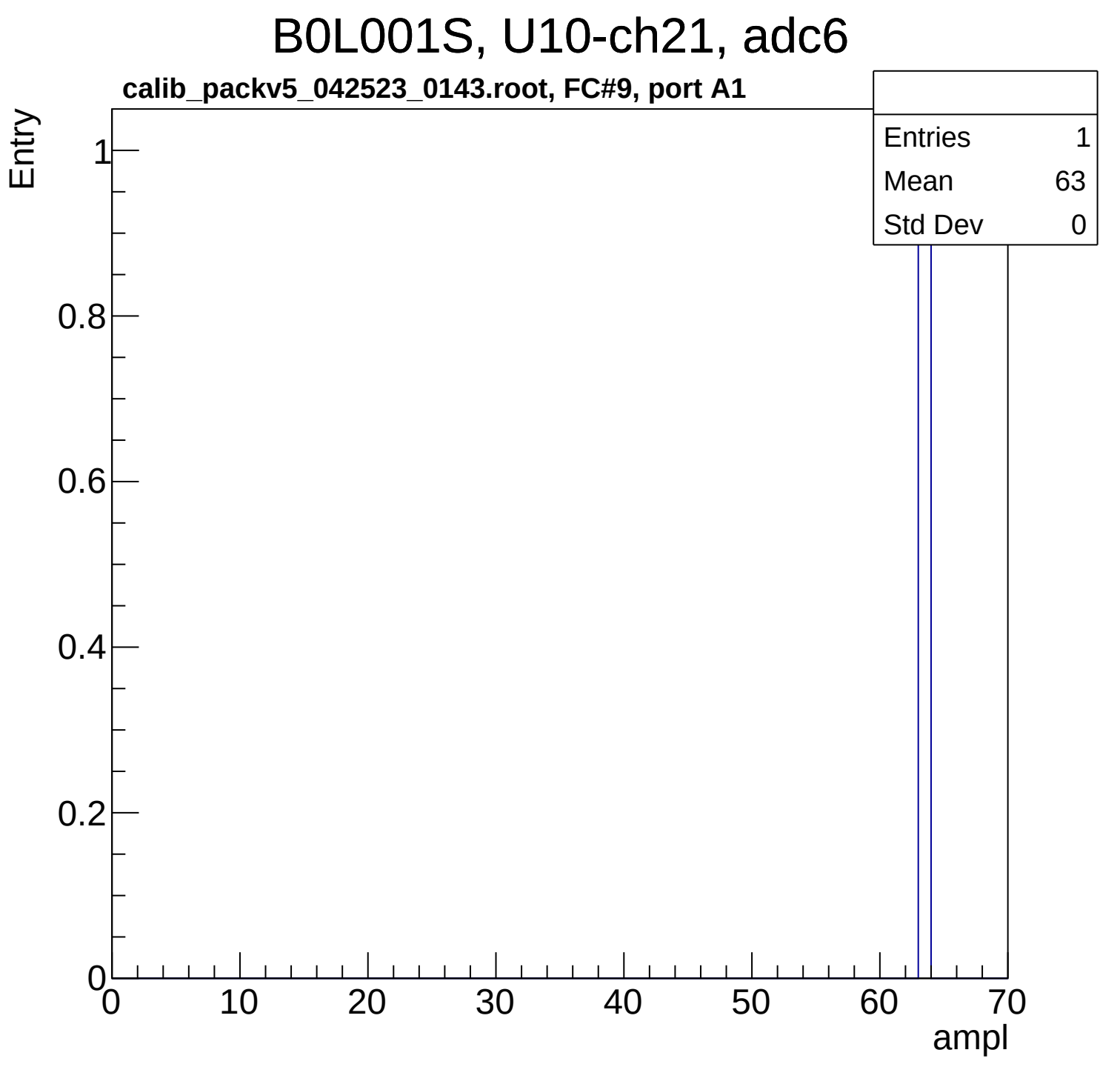
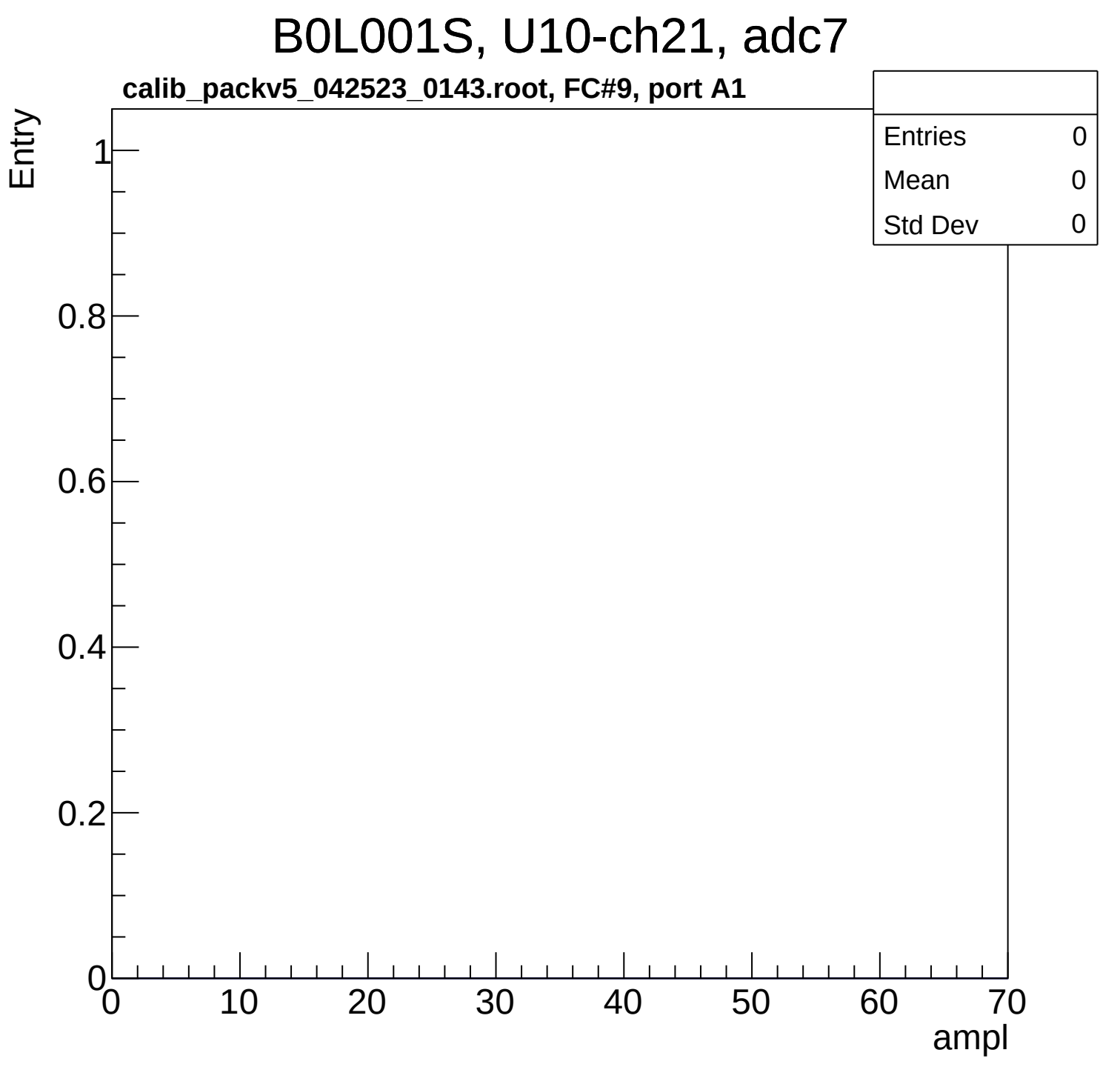

B0L001S, U10-ch21, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch21, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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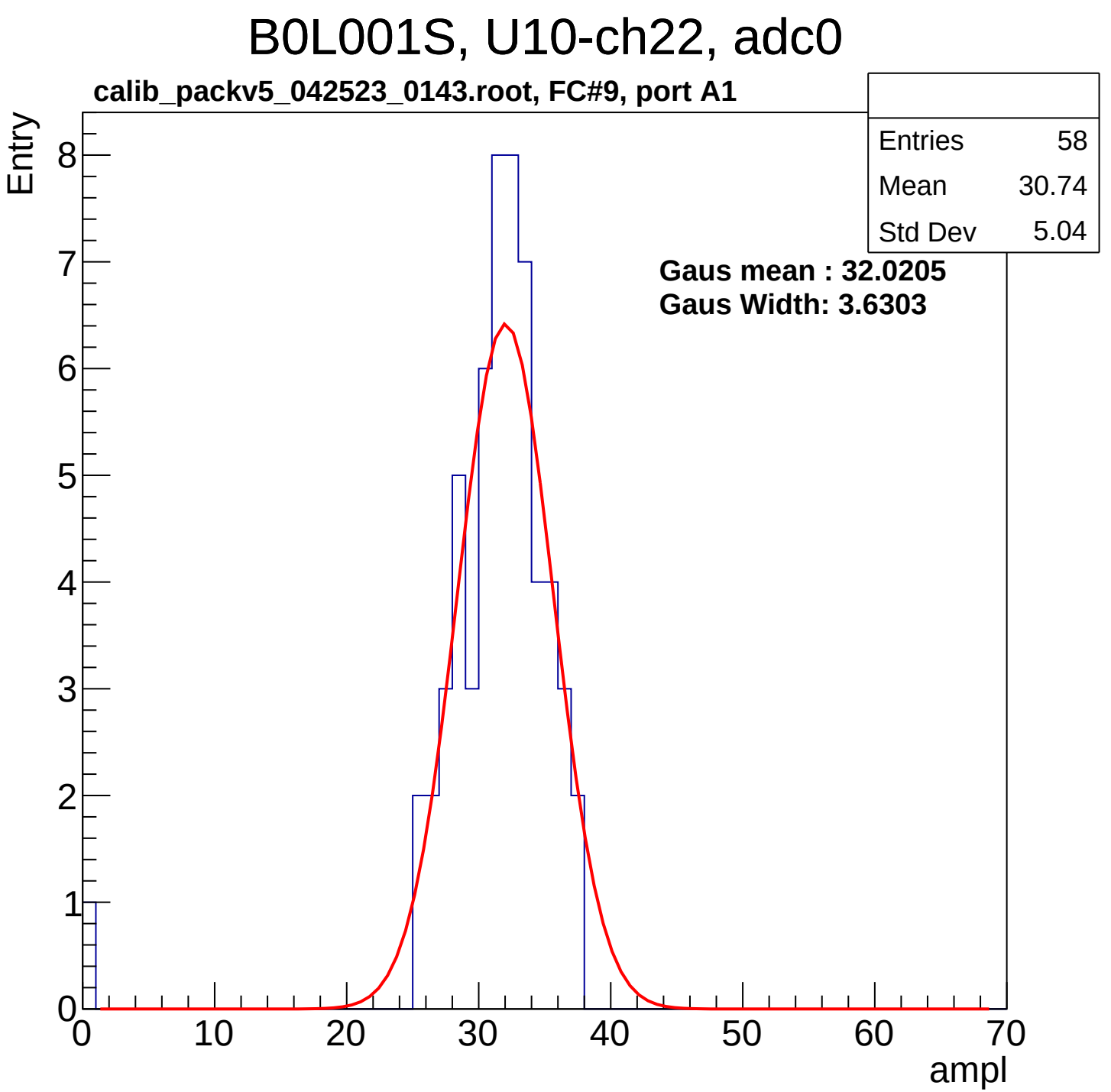
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch22, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 30.74
Std Dev 5.04
Gaus mean : 32.0205
Gaus Width: 3.6303
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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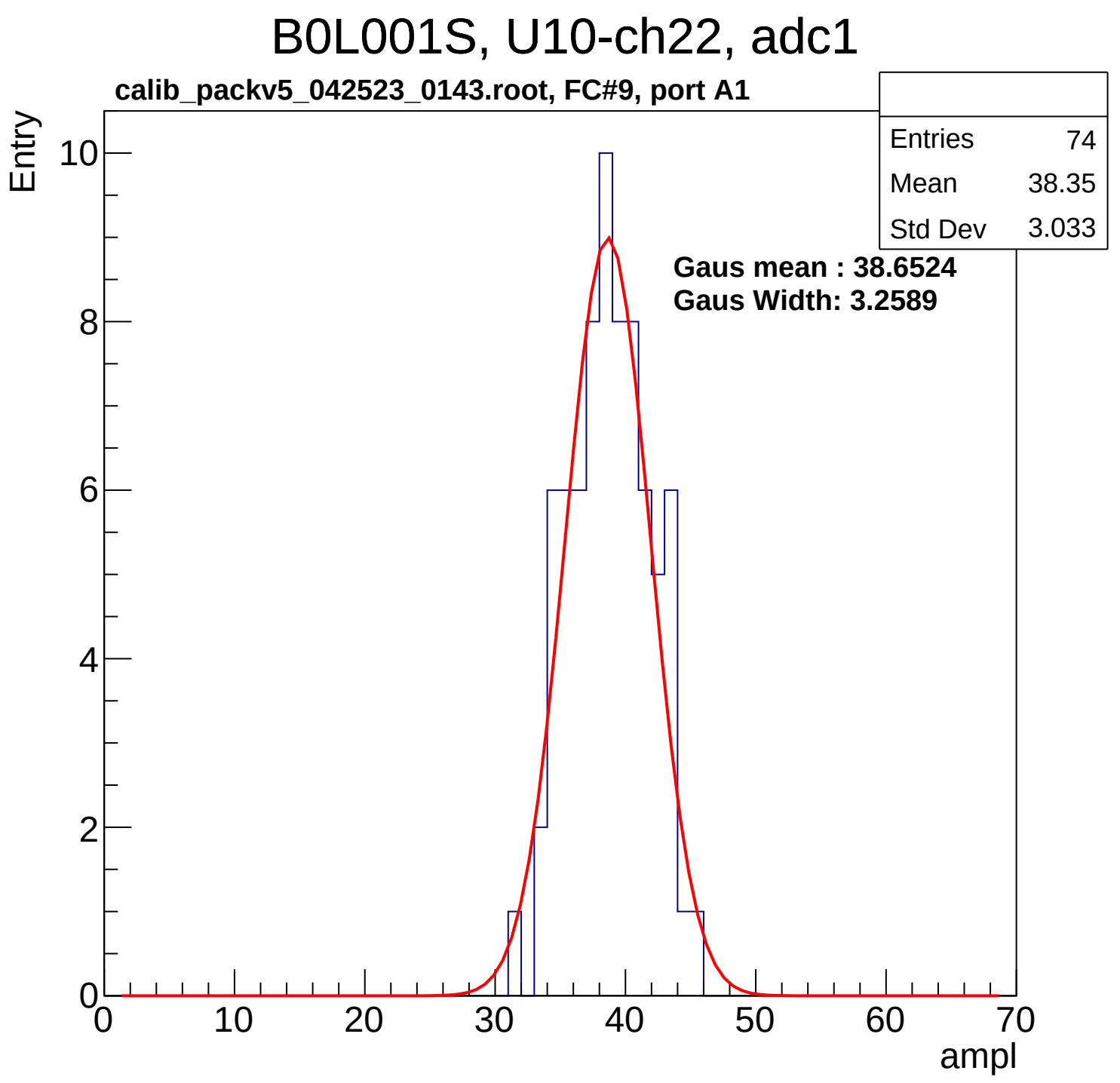
B0L001S, U10-ch22, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 38.35
Std Dev 3.033
Gaus mean : 38.6524
Gaus Width: 3.2589
Entry
ampl
0
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4
6
8
10
0
10
20
30
40
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60
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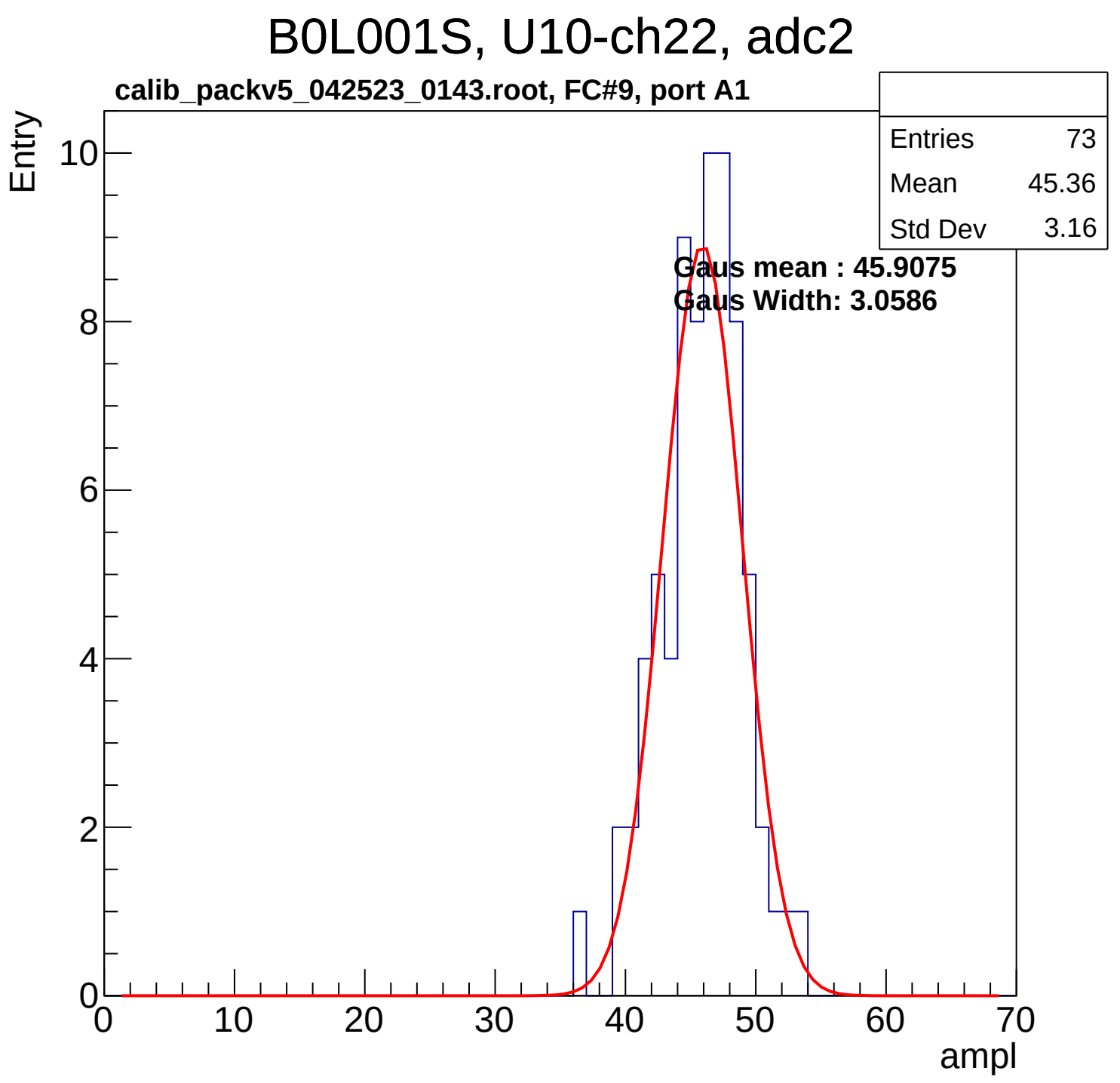
B0L001S, U10-ch22, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 45.36
Std Dev 3.16
Gaus mean : 45.9075
Gaus Width: 3.0586
Entry
ampl
0
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4
6
8
10
0
10
20
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40
50
60
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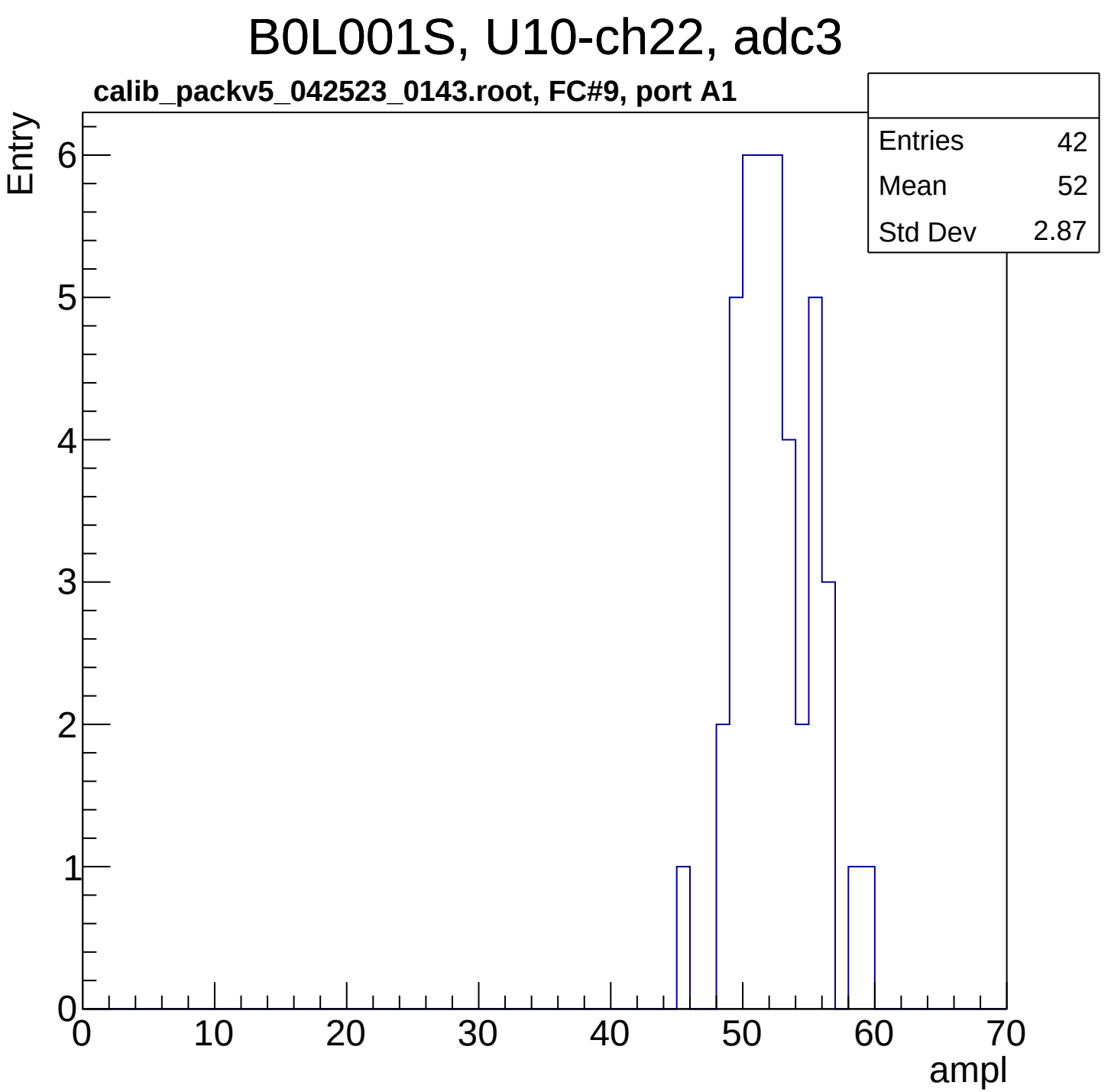
B0L001S, U10-ch22, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 52
Std Dev 2.87
Entry
0
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4
5
6
0
10
20
30
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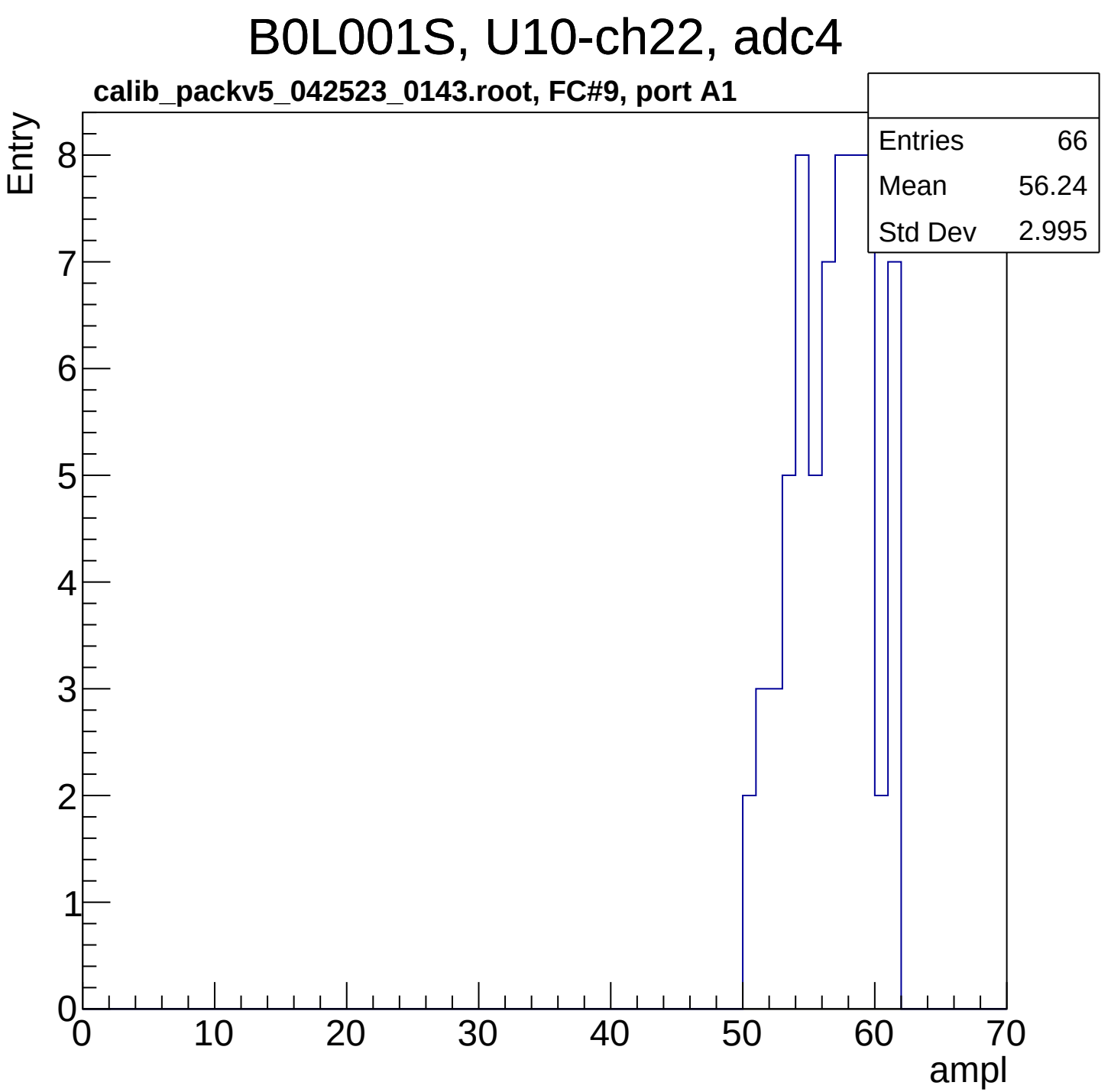
50
60
70
ampl


B0L001S, U10-ch22, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 56.24
Std Dev 2.995
Entry
ampl
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2
3
4
5
6
7
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0
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20
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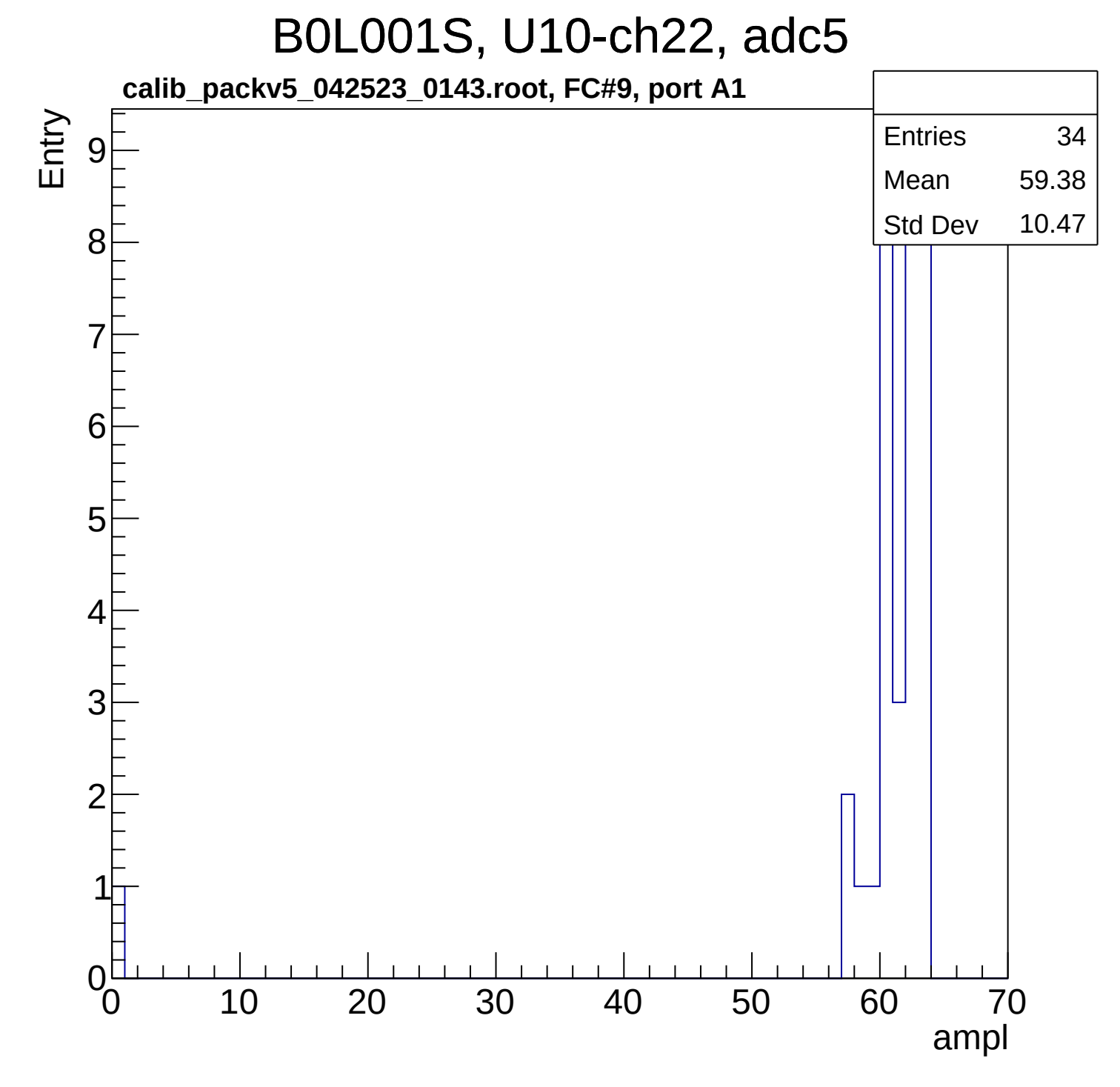
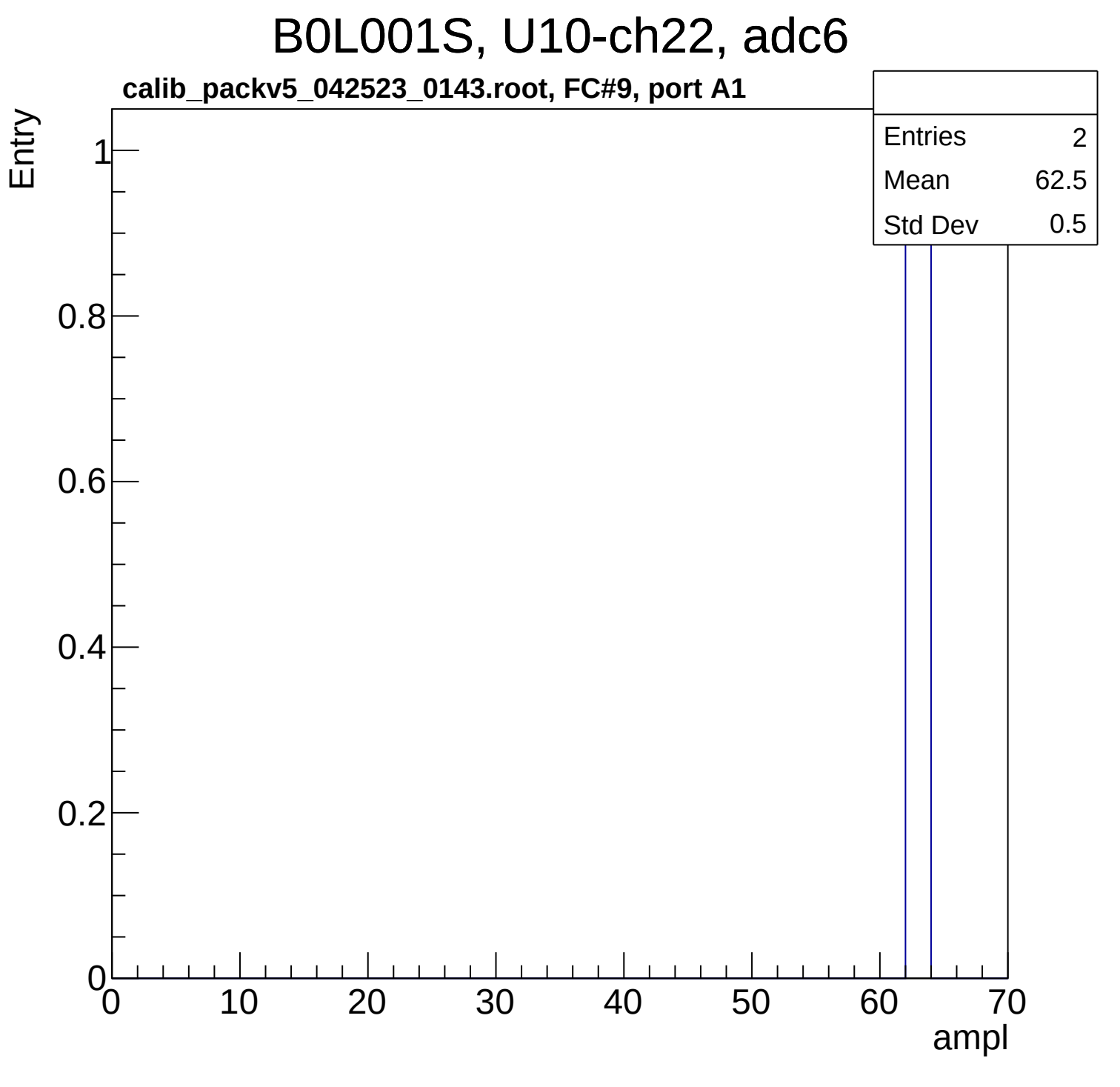
60
70


B0L001S, U10-ch22, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 59.38
Std Dev 10.47
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch22, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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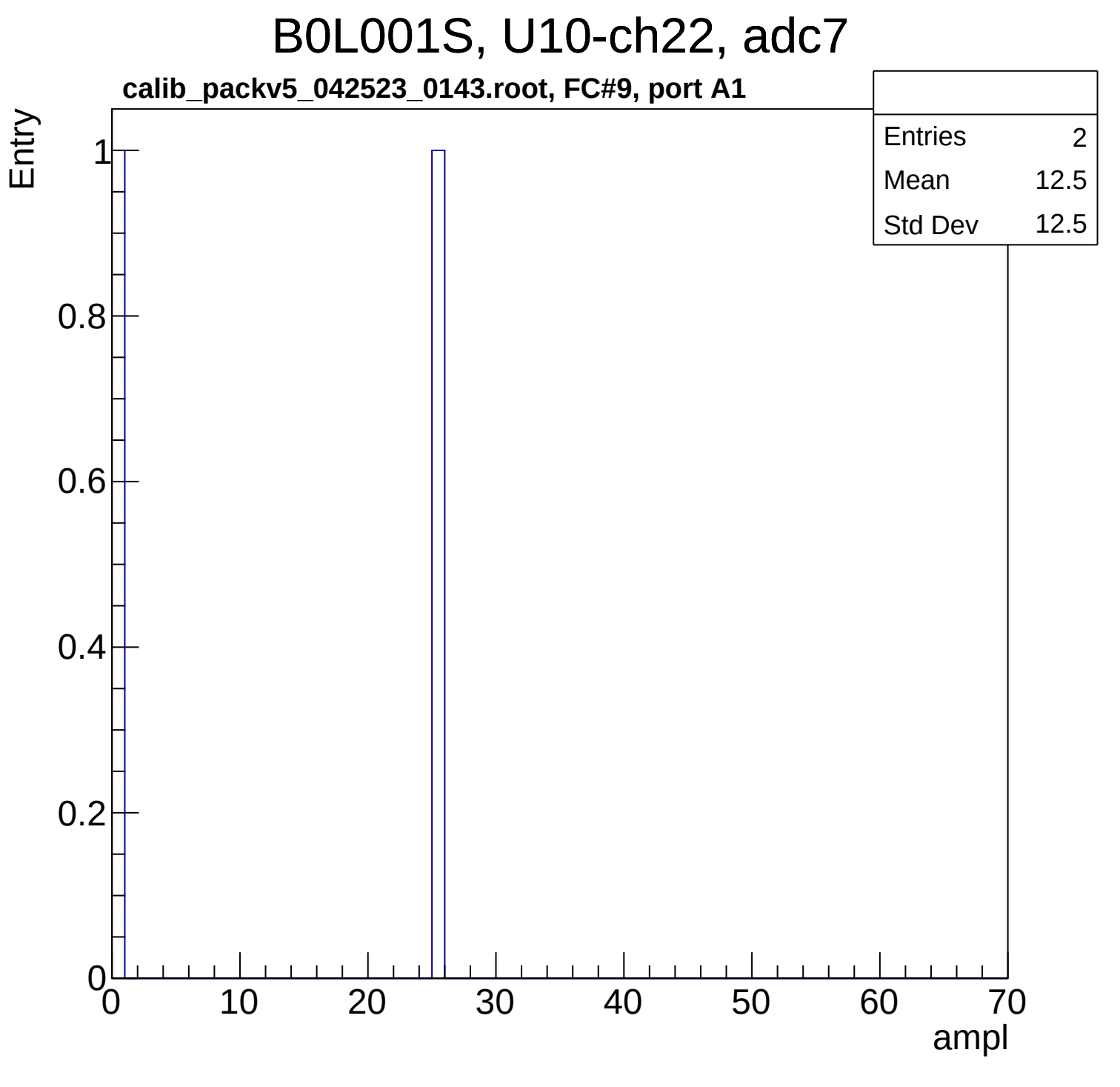
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch22, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 12.5
Std Dev 12.5
Entry
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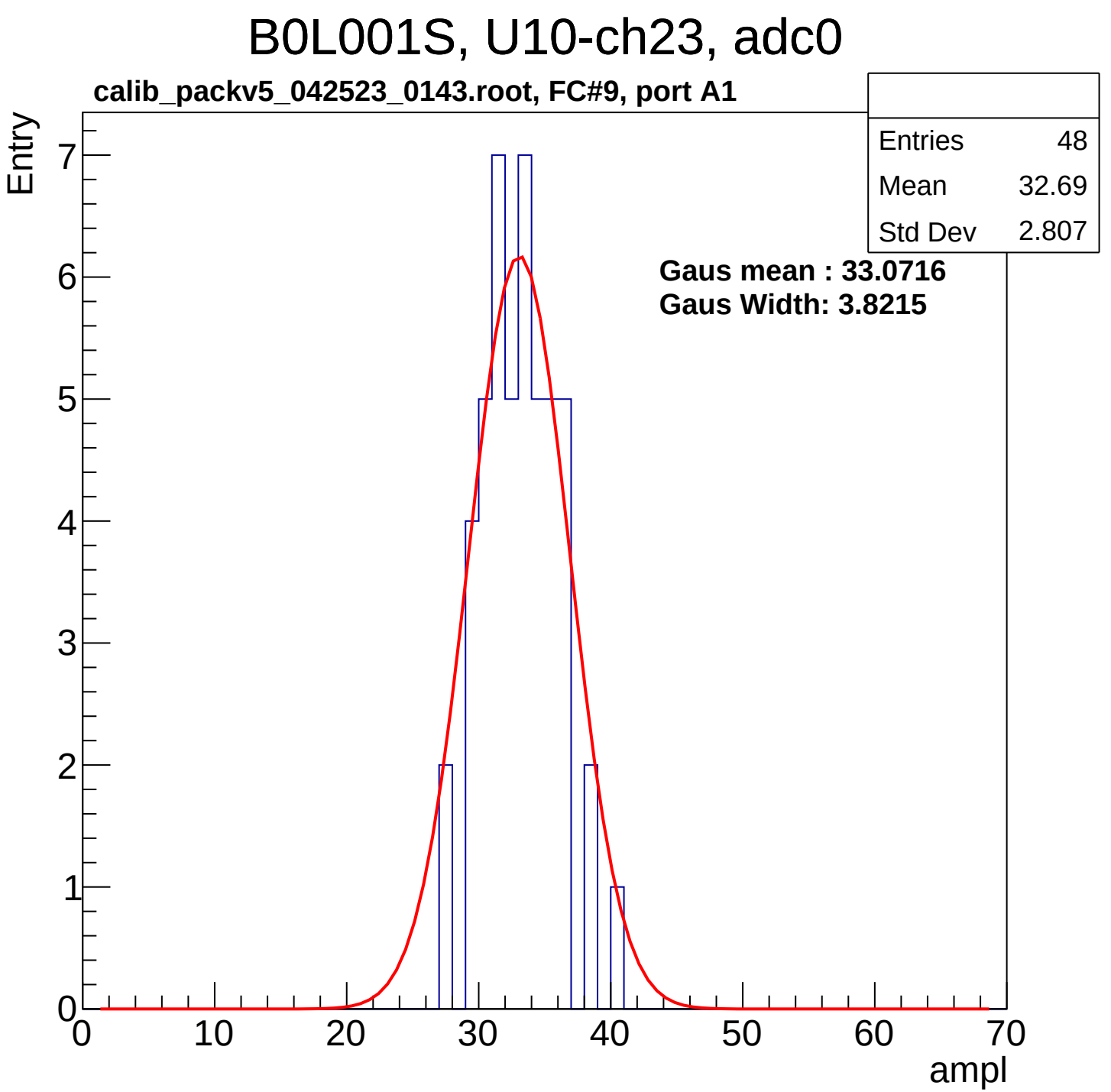
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch23, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 32.69
Std Dev 2.807
Gaus mean : 33.0716
Gaus Width: 3.8215
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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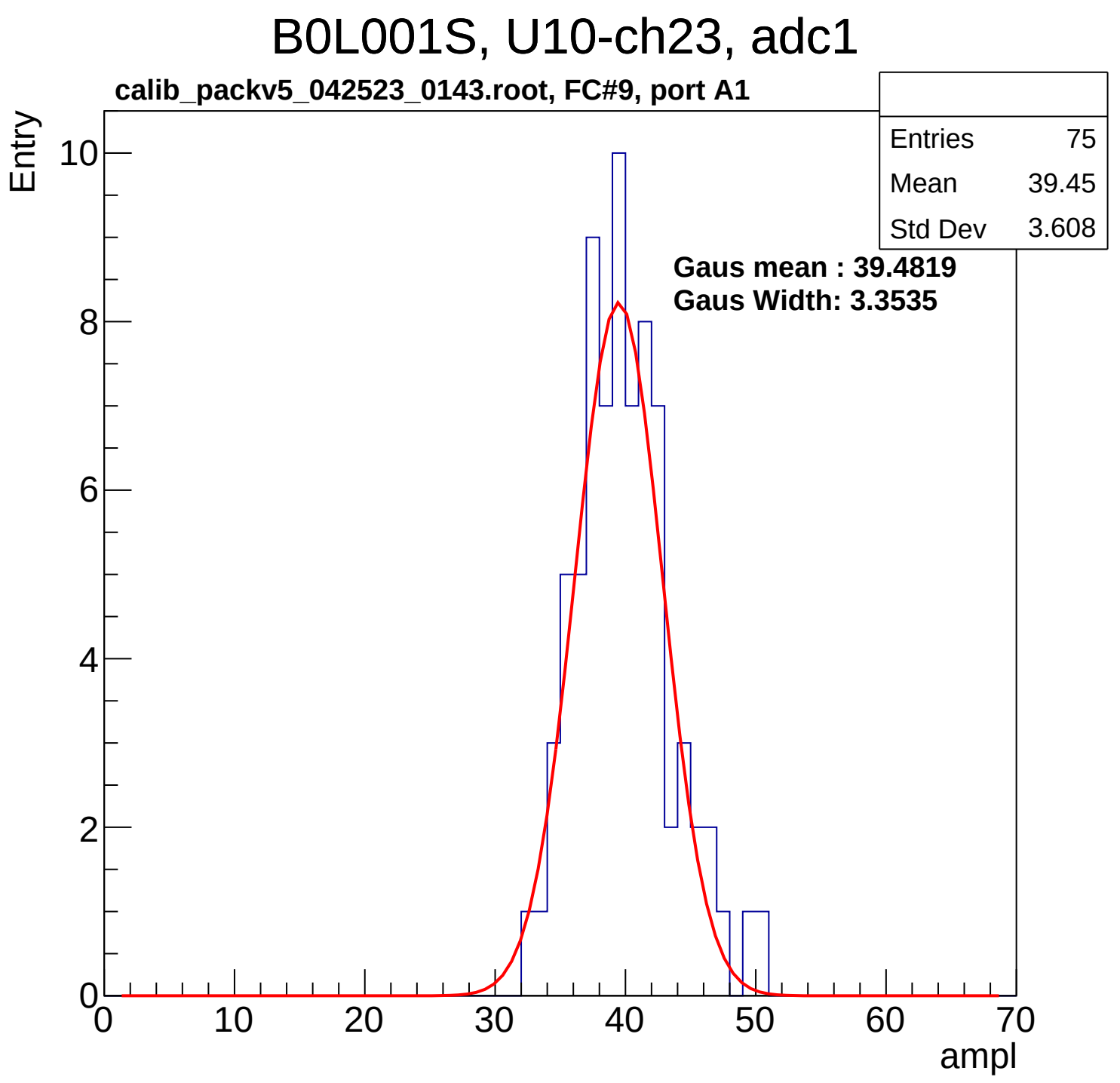
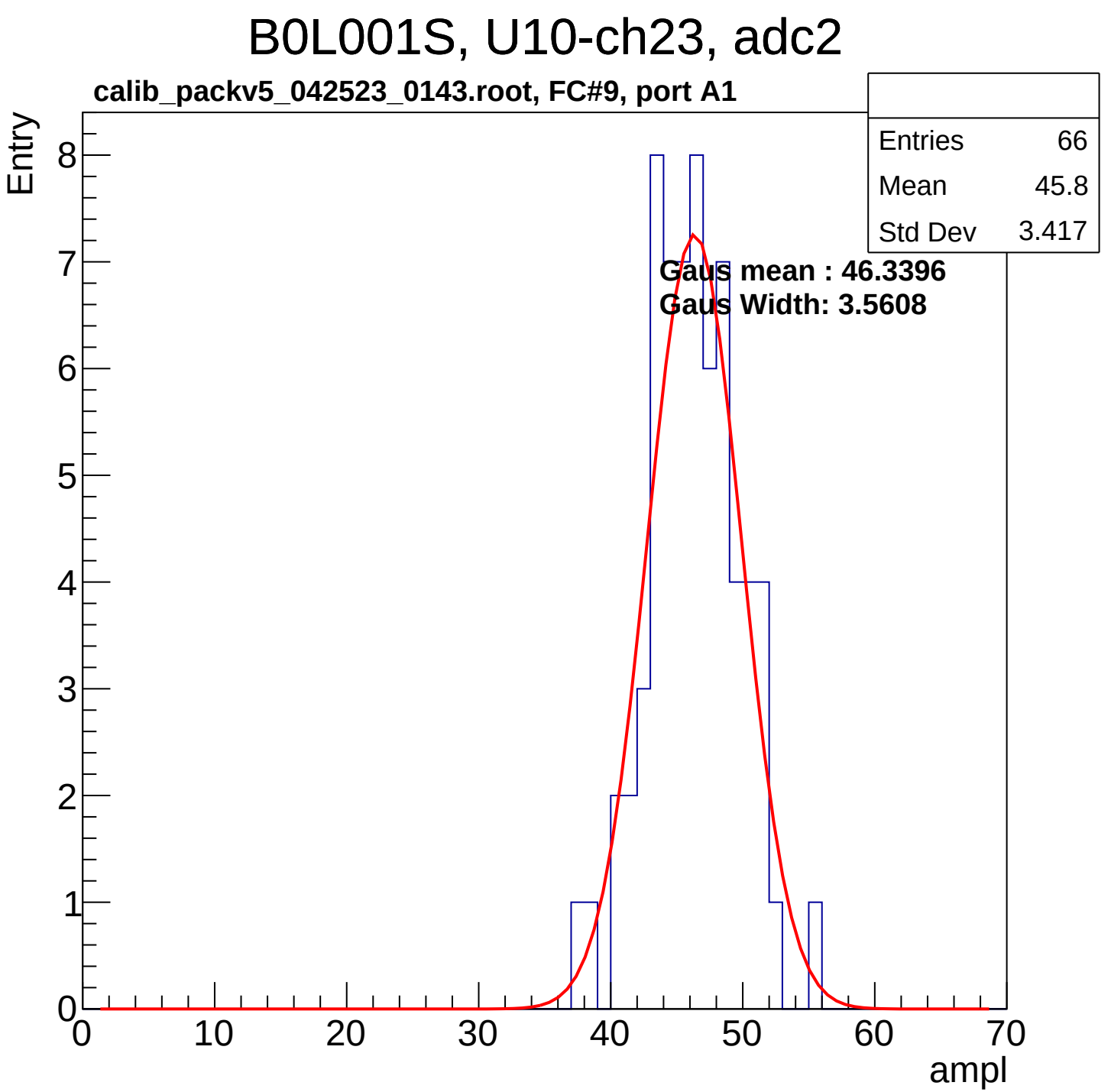

B0L001S, U10-ch23, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 39.45
Std Dev 3.608
Gaus mean : 39.4819
Gaus Width: 3.3535
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch23, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 45.8
Std Dev 3.417
Gaus mean : 46.3396
Gaus Width: 3.5608
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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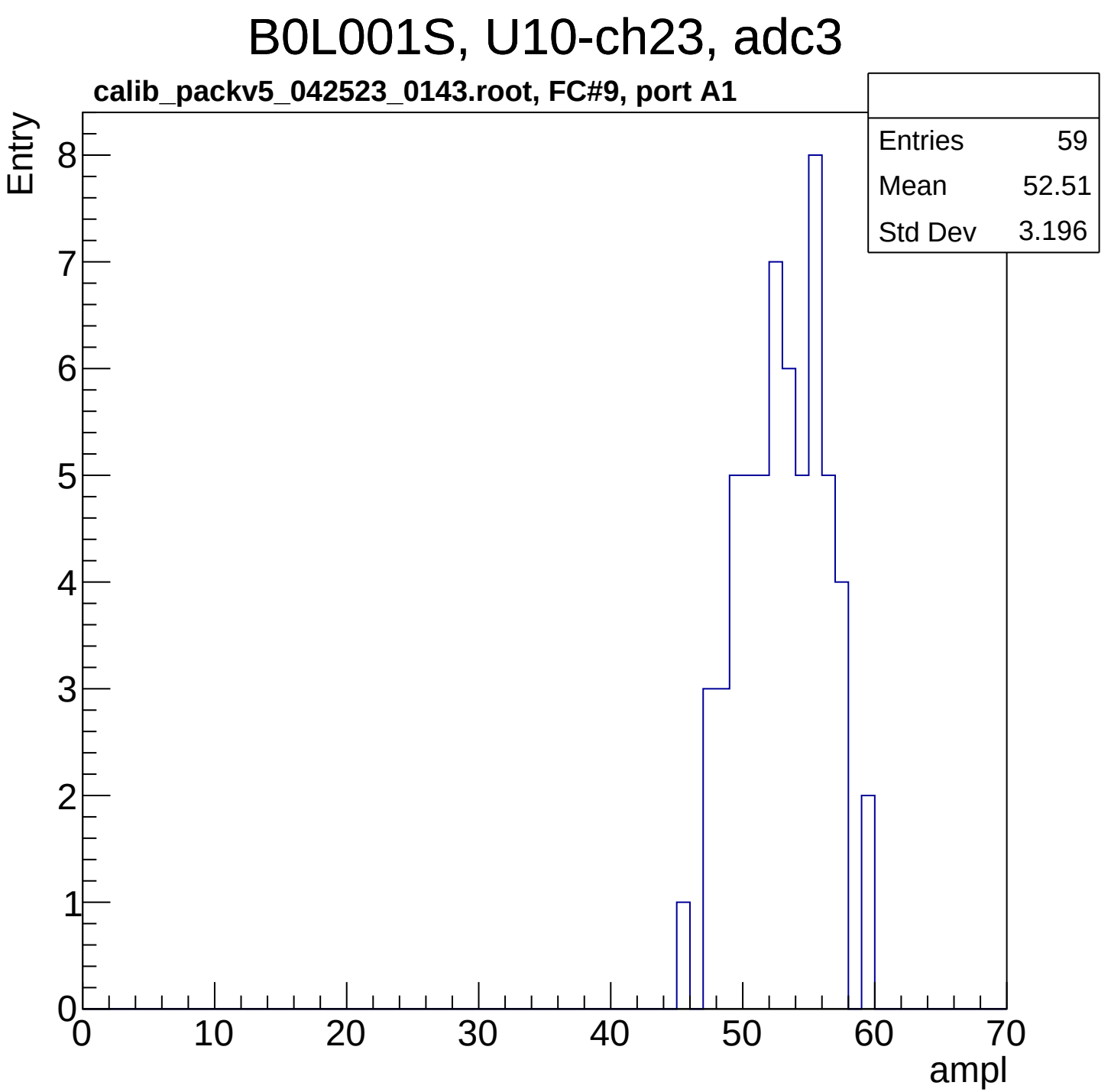
B0L001S, U10-ch23, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 52.51
Std Dev 3.196
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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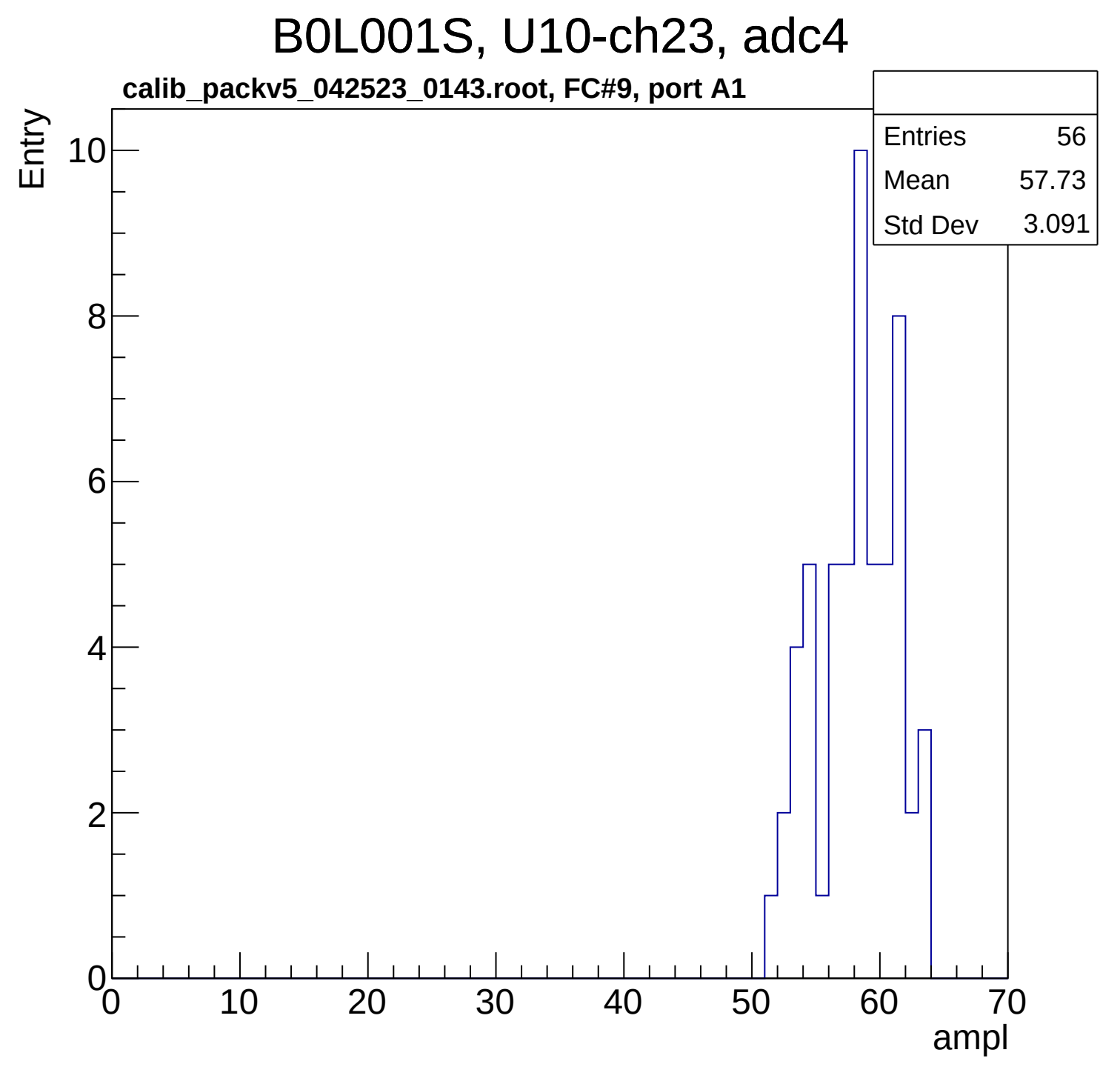
B0L001S, U10-ch23, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 57.73
Std Dev 3.091
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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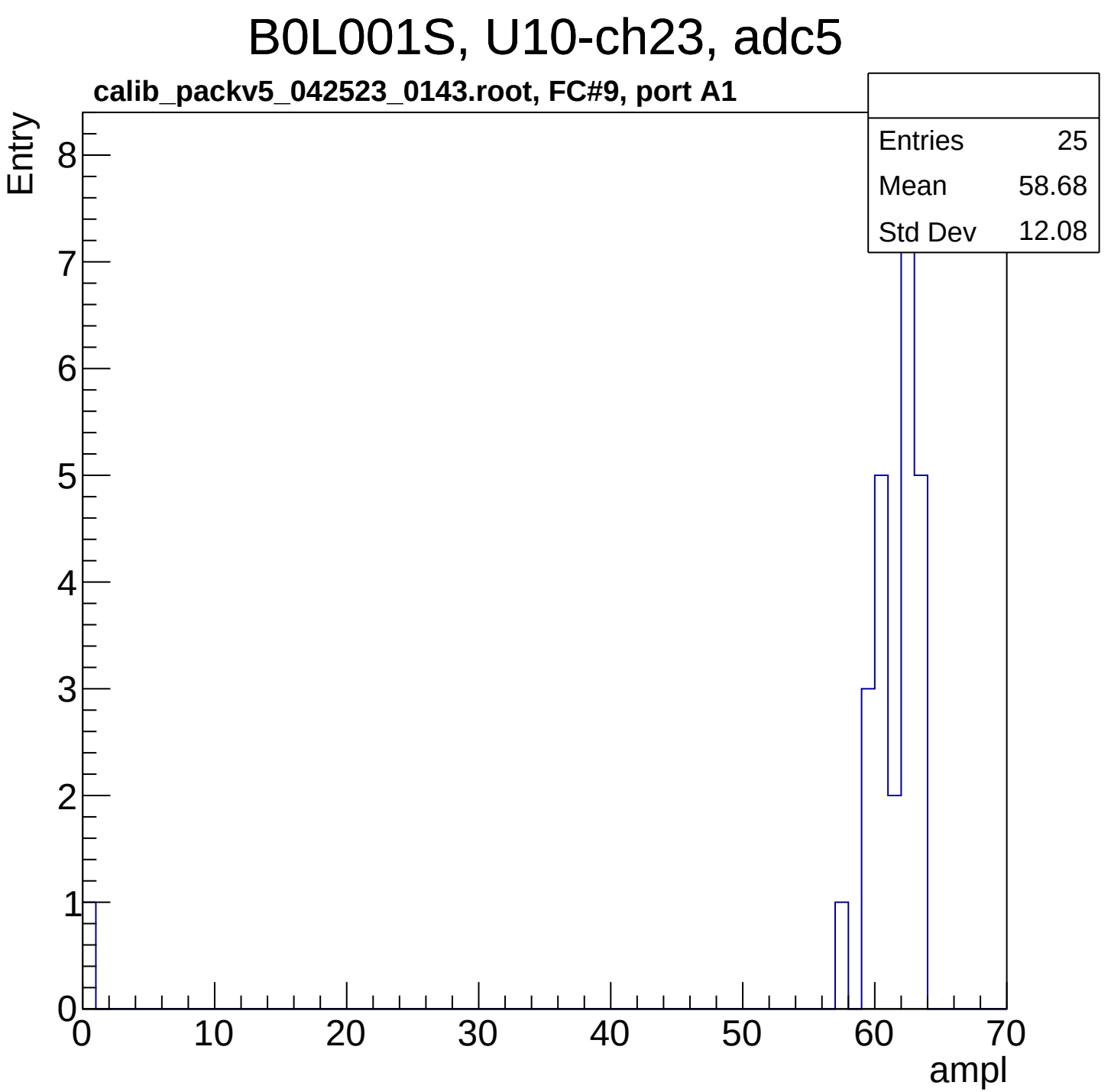
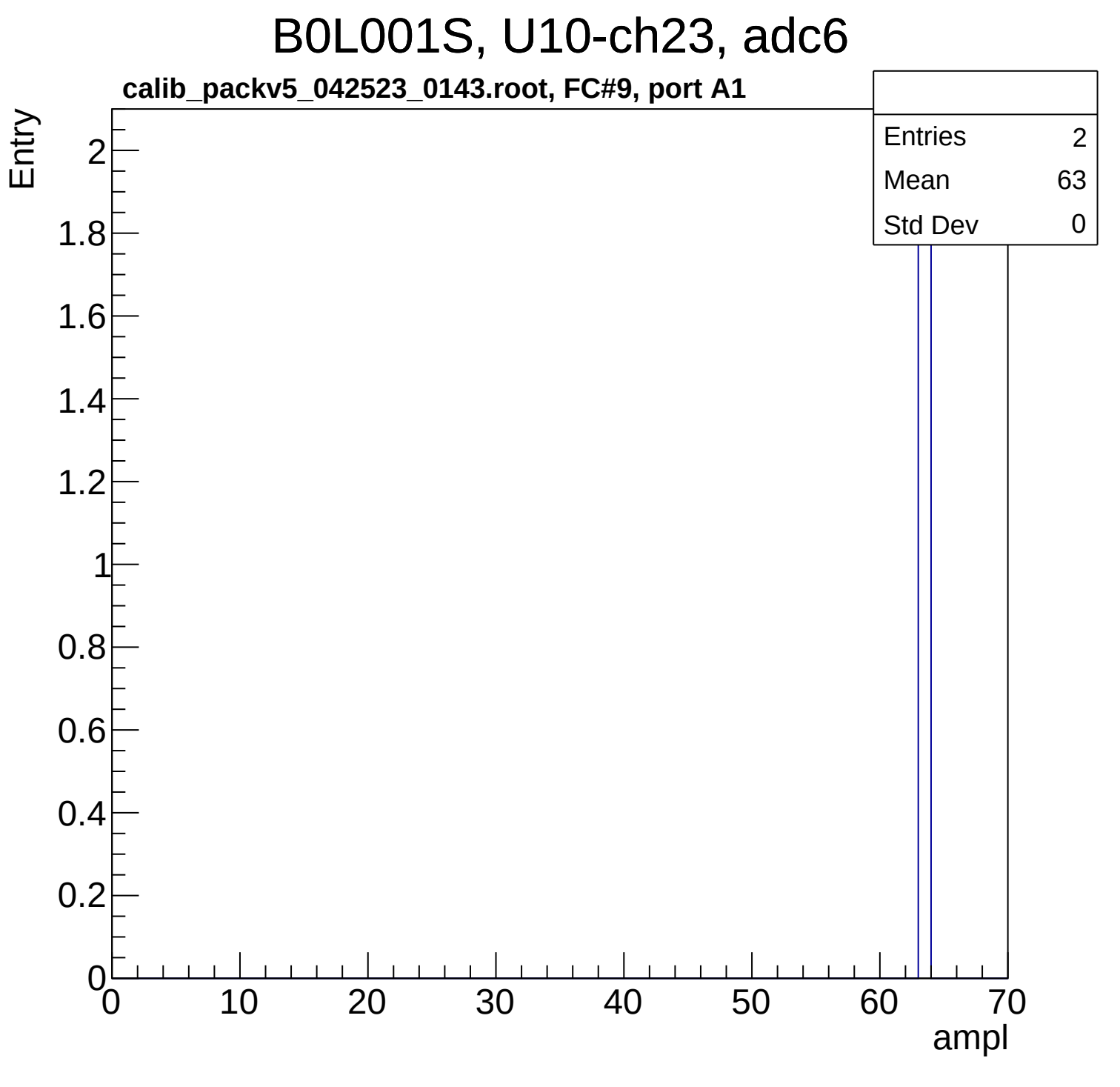
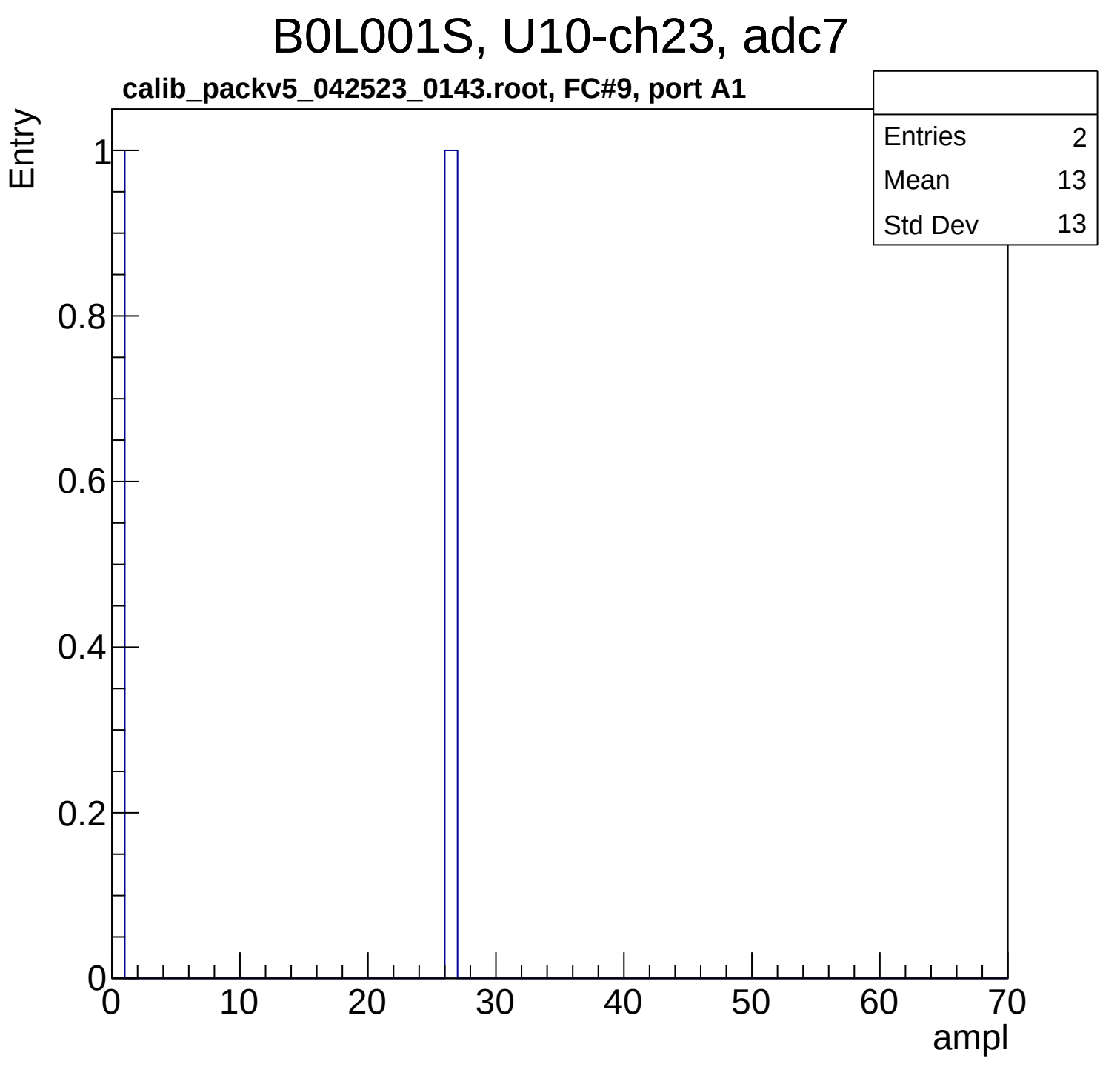
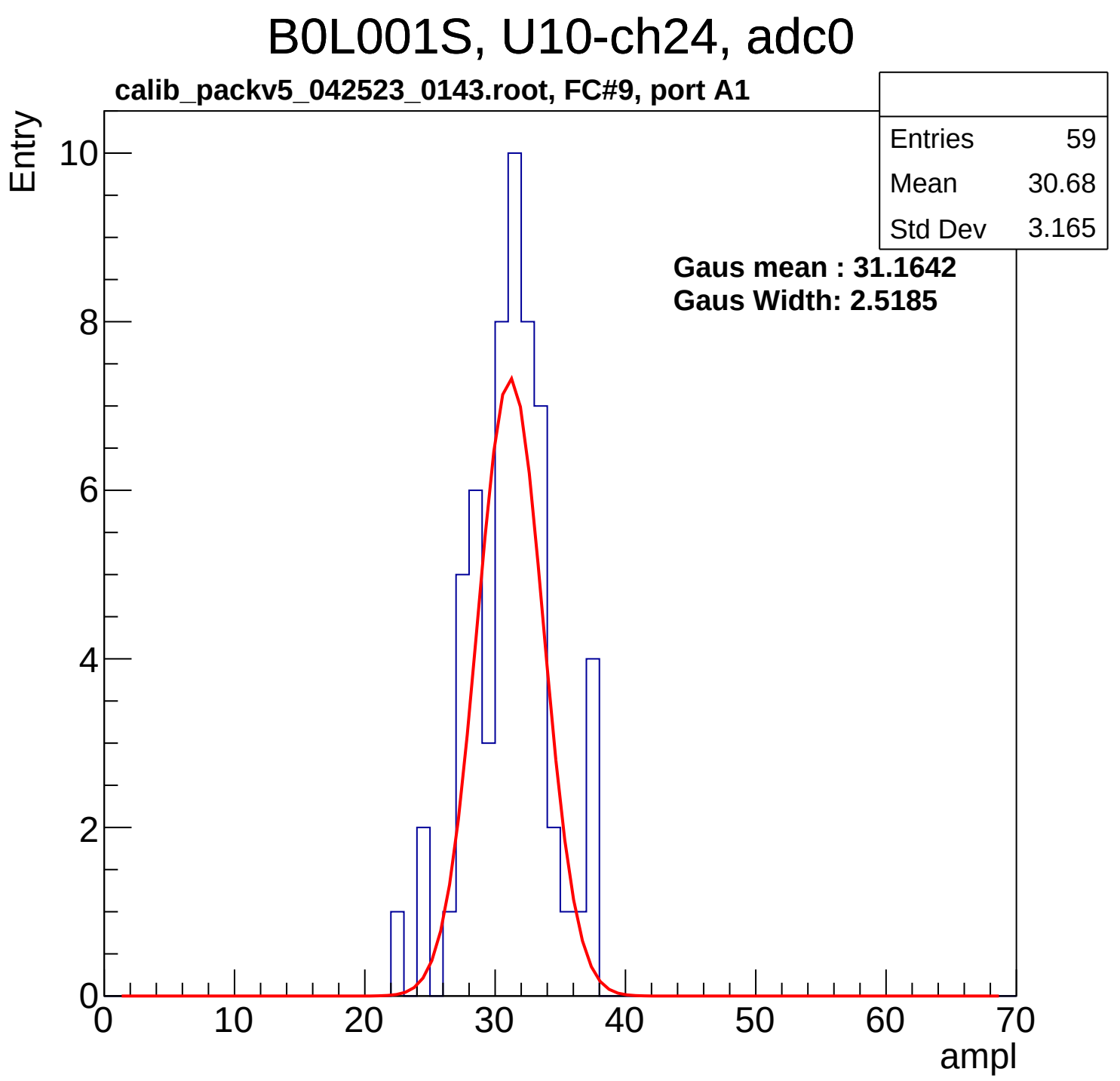
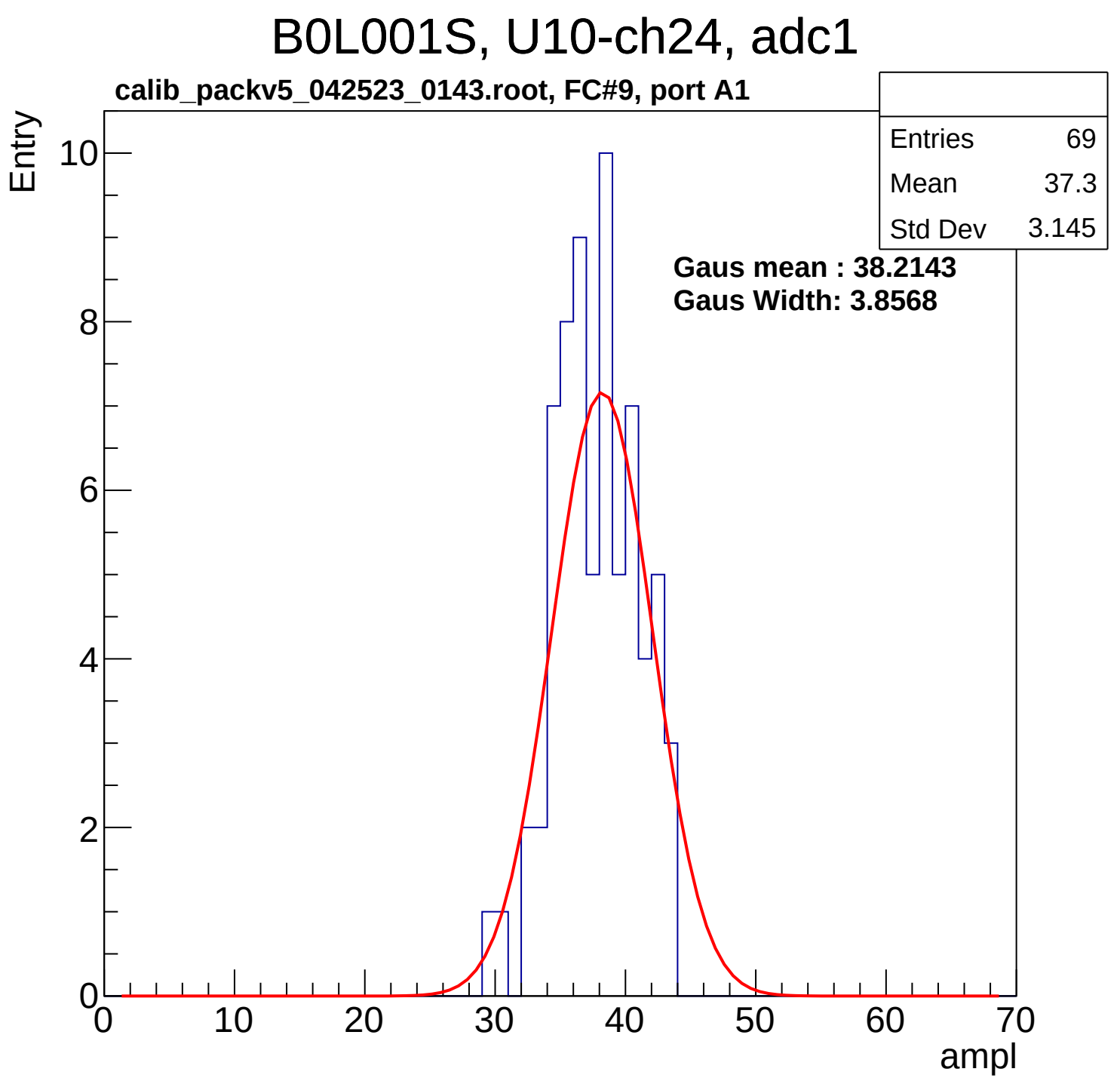

B0L001S, U10-ch23, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 25
Mean 58.68
Std Dev 12.08
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch23, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch23, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 13
Std Dev 13
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch24, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 30.68
Std Dev 3.165
Gaus mean : 31.1642
Gaus Width: 2.5185
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch24, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 37.3
Std Dev 3.145
Gaus mean : 38.2143
Gaus Width: 3.8568
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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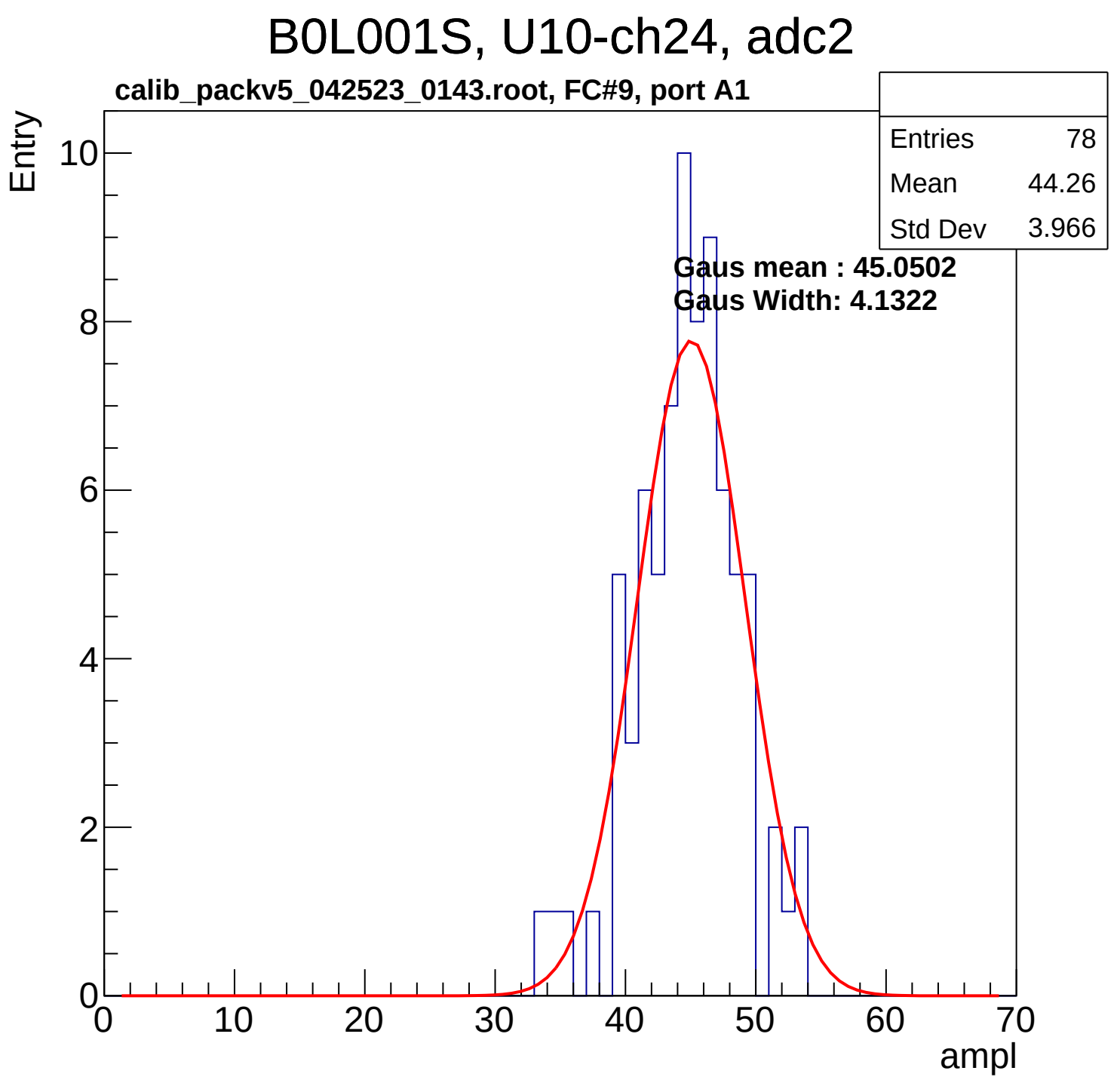
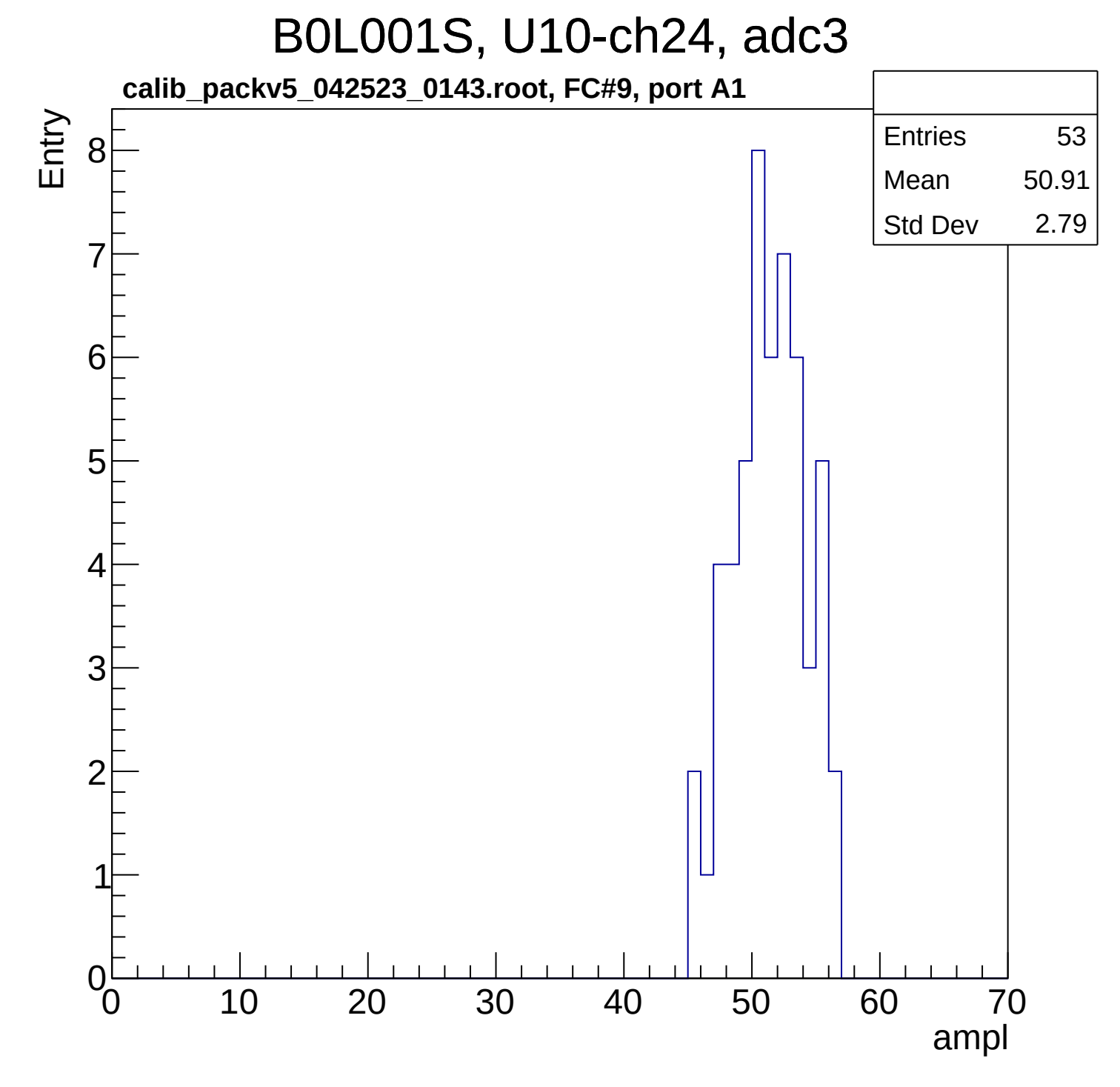
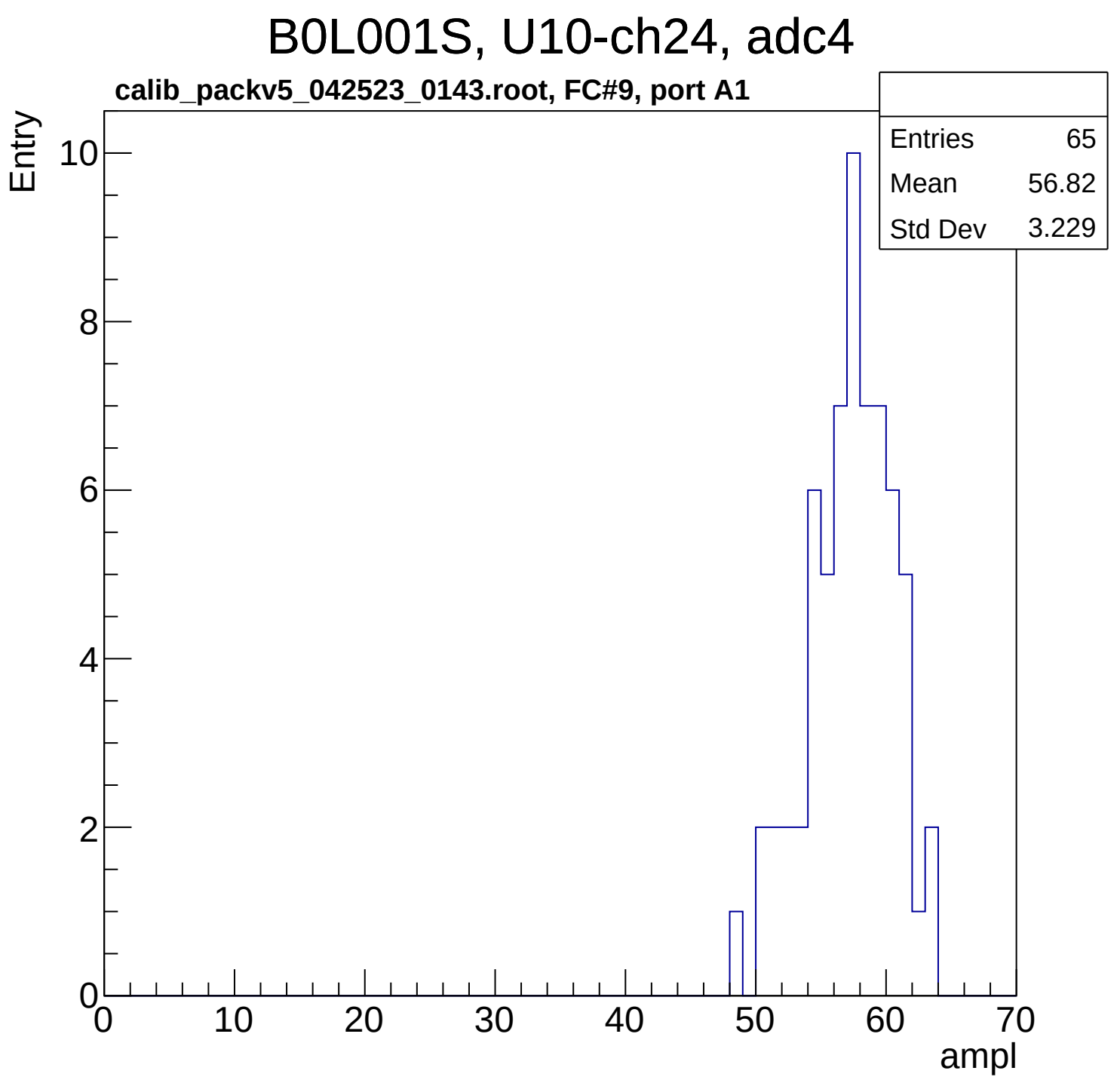
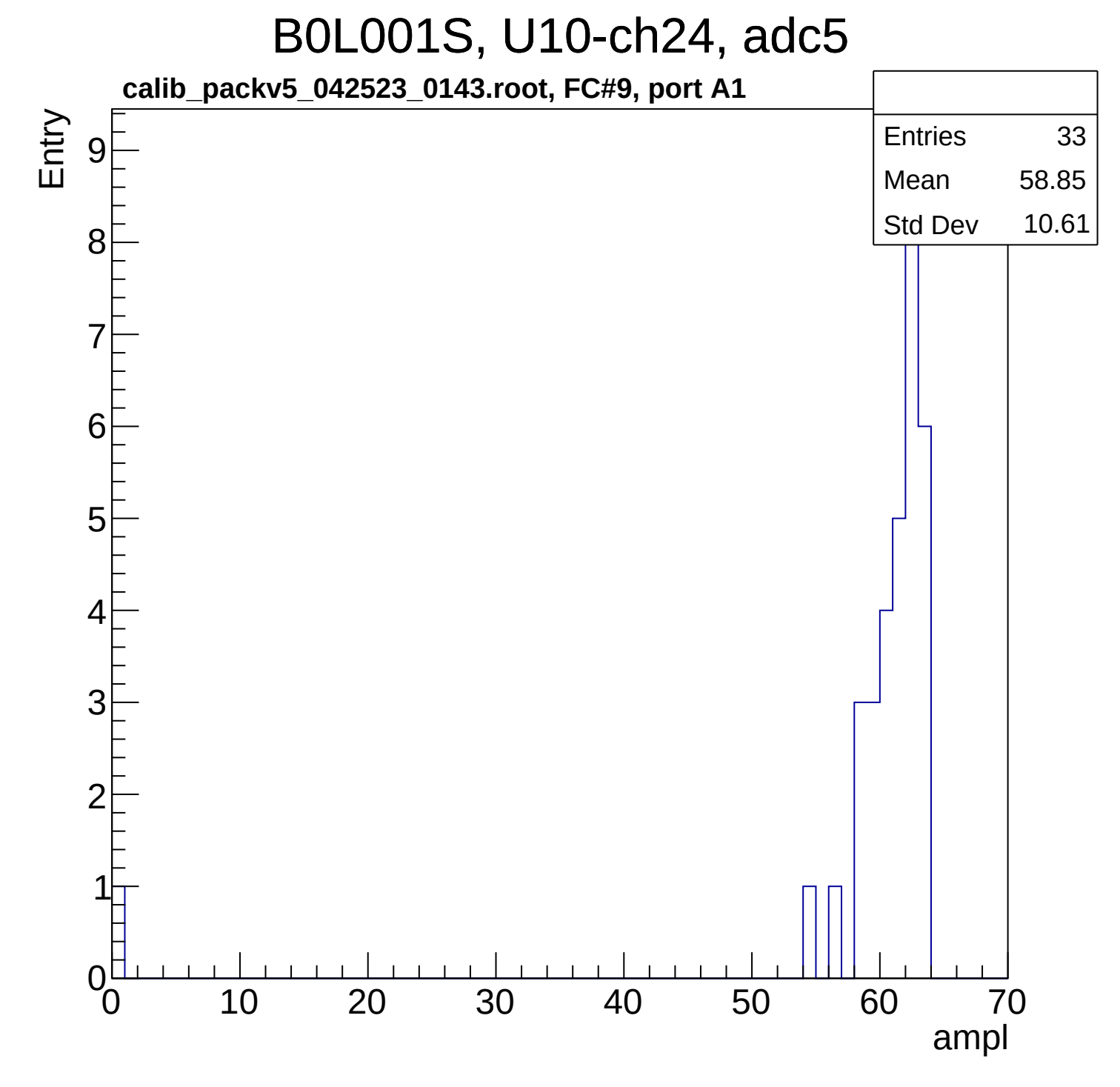

B0L001S, U10-ch24, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 44.26
Std Dev 3.966
Gaus mean : 45.0502
Gaus Width: 4.1322
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch24, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 50.91
Std Dev 2.79
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch24, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 56.82
Std Dev 3.229
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch24, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 58.85
Std Dev 10.61
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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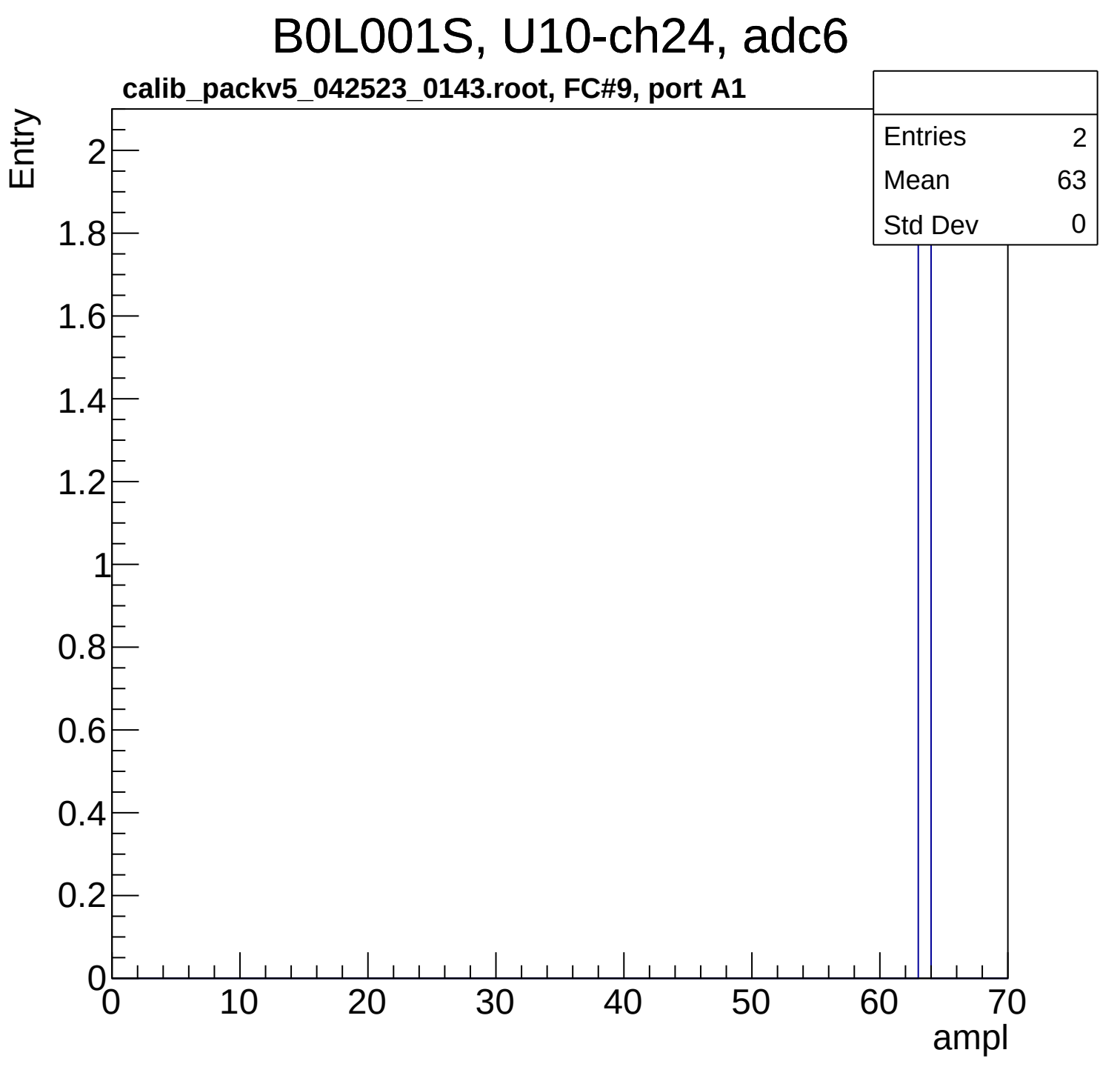
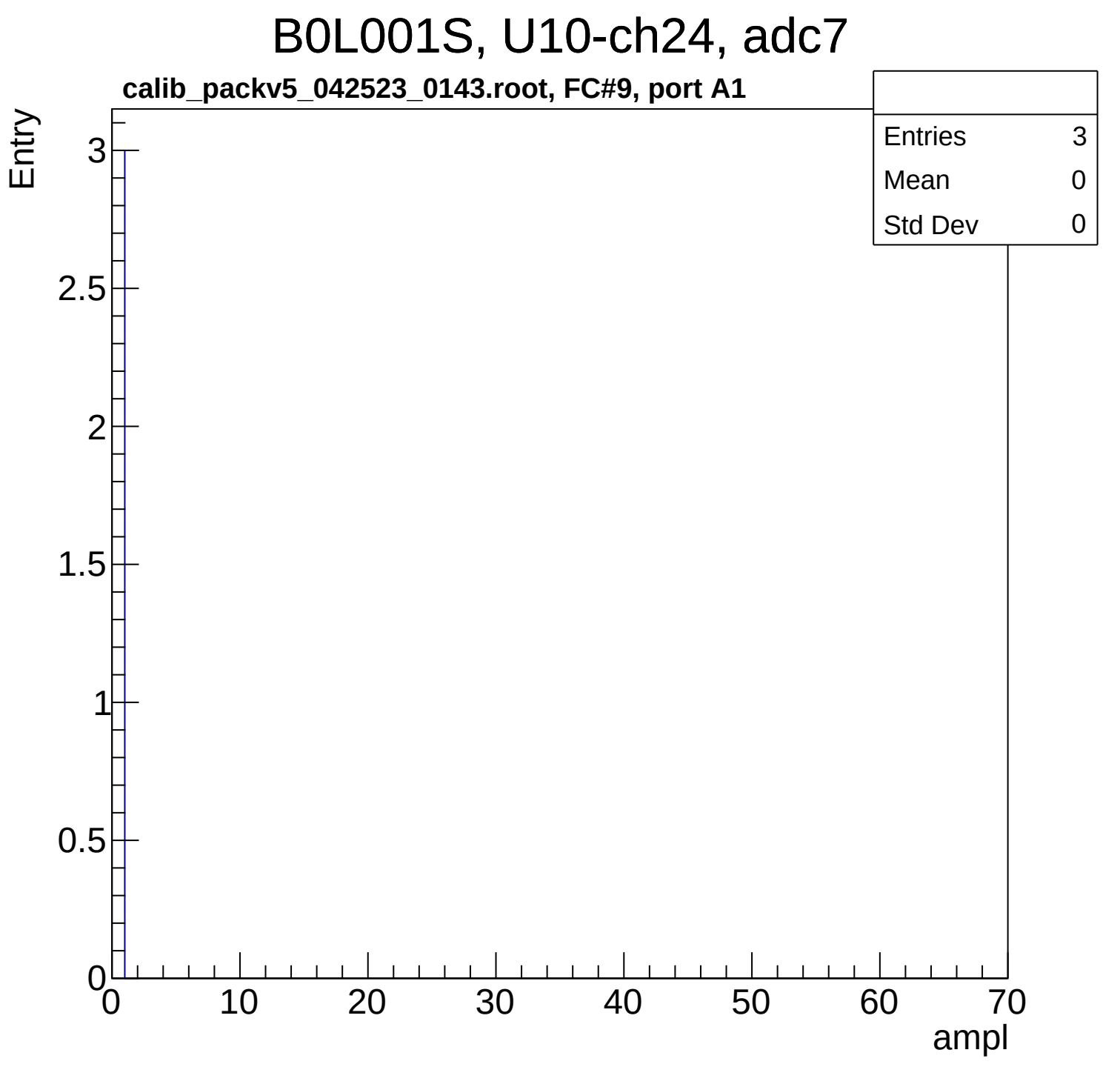
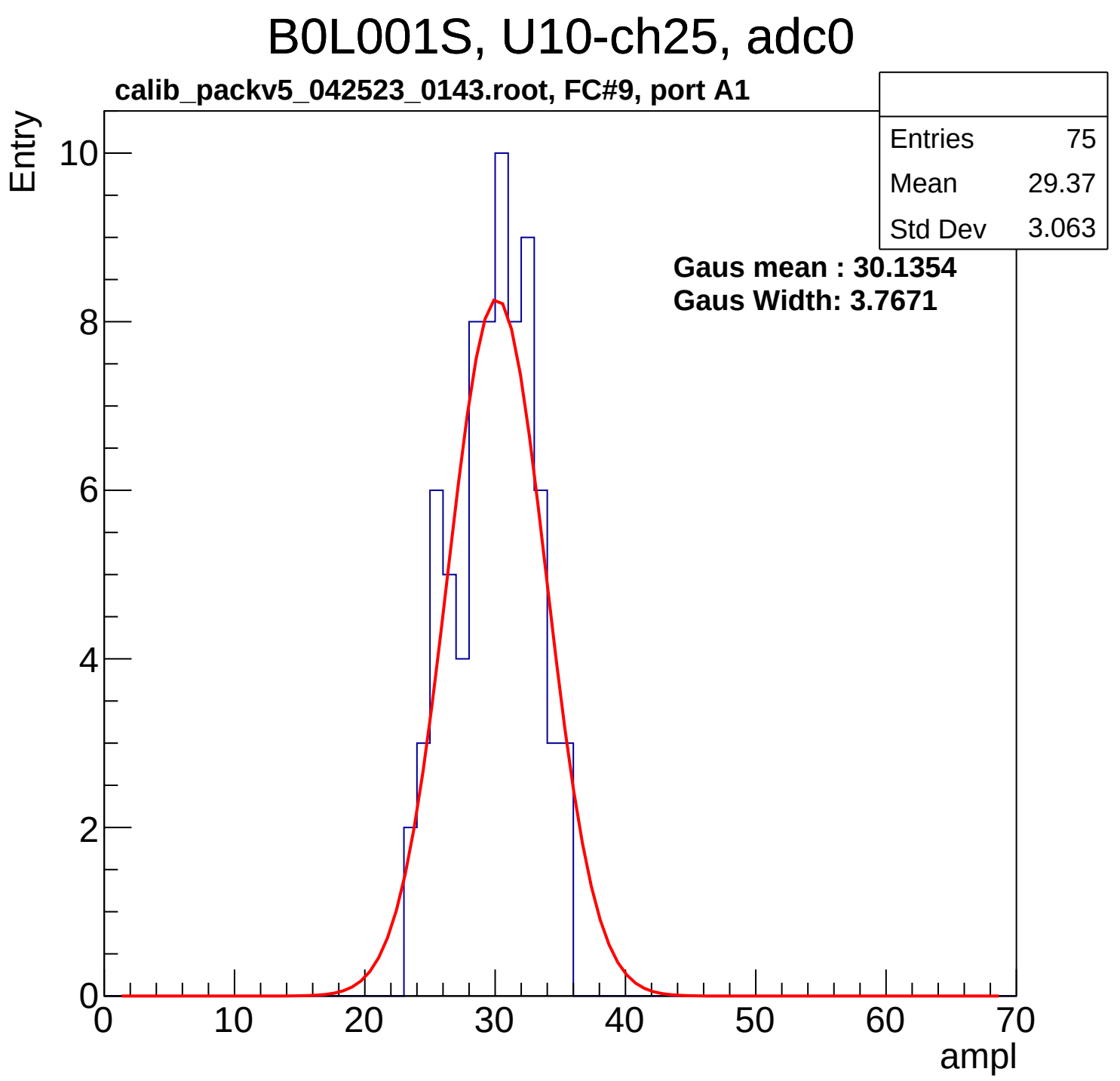
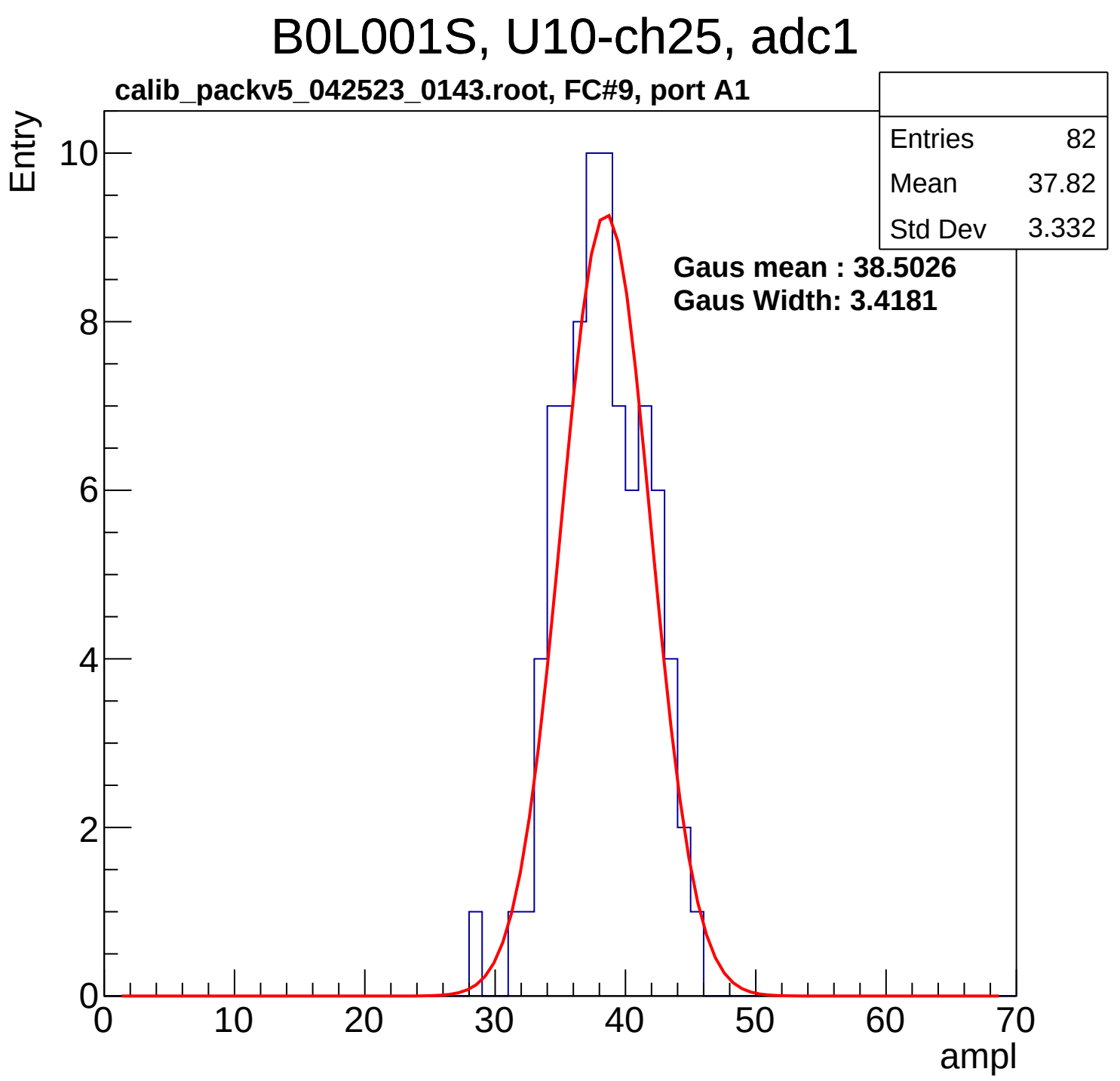
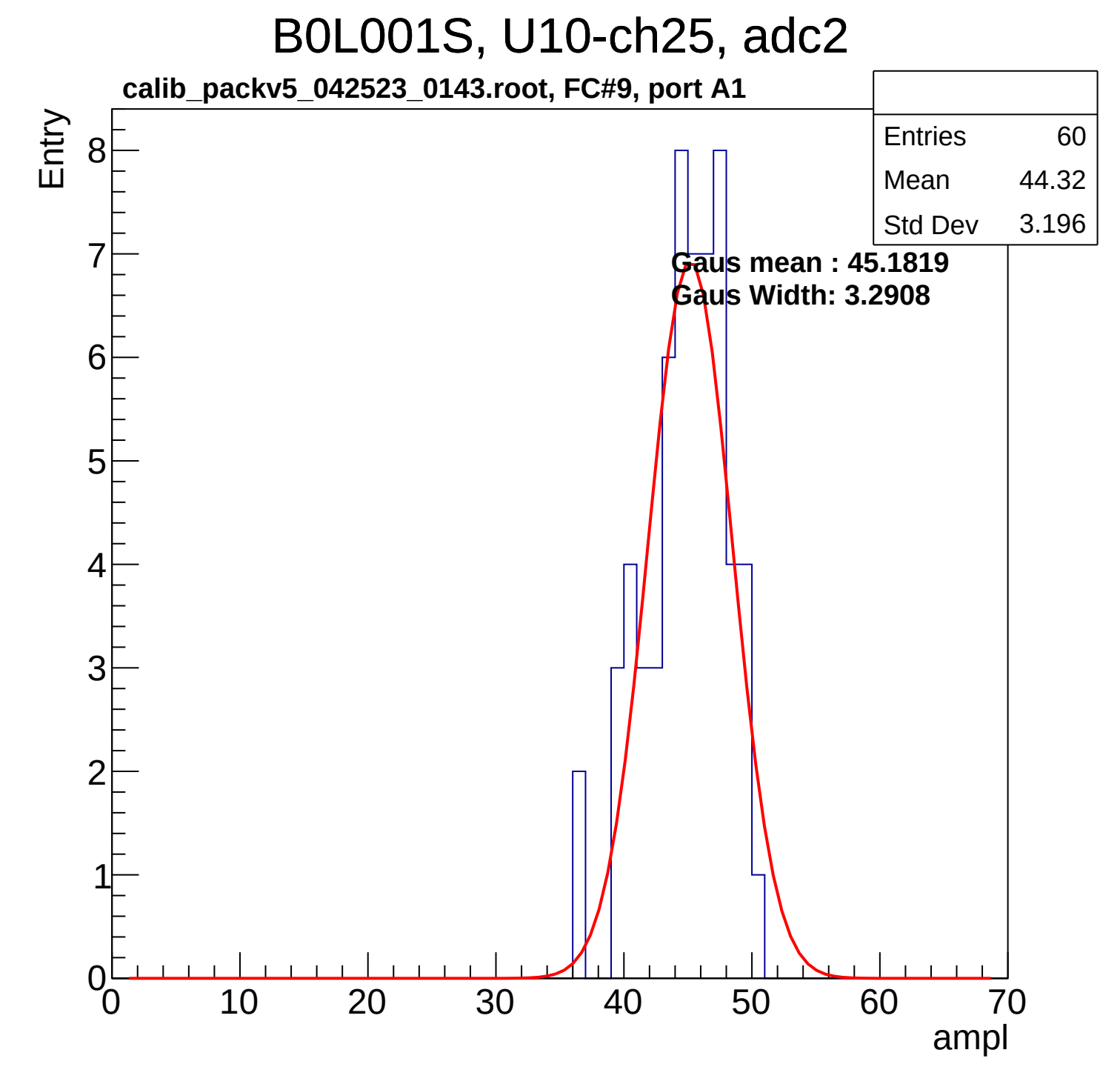
60
70

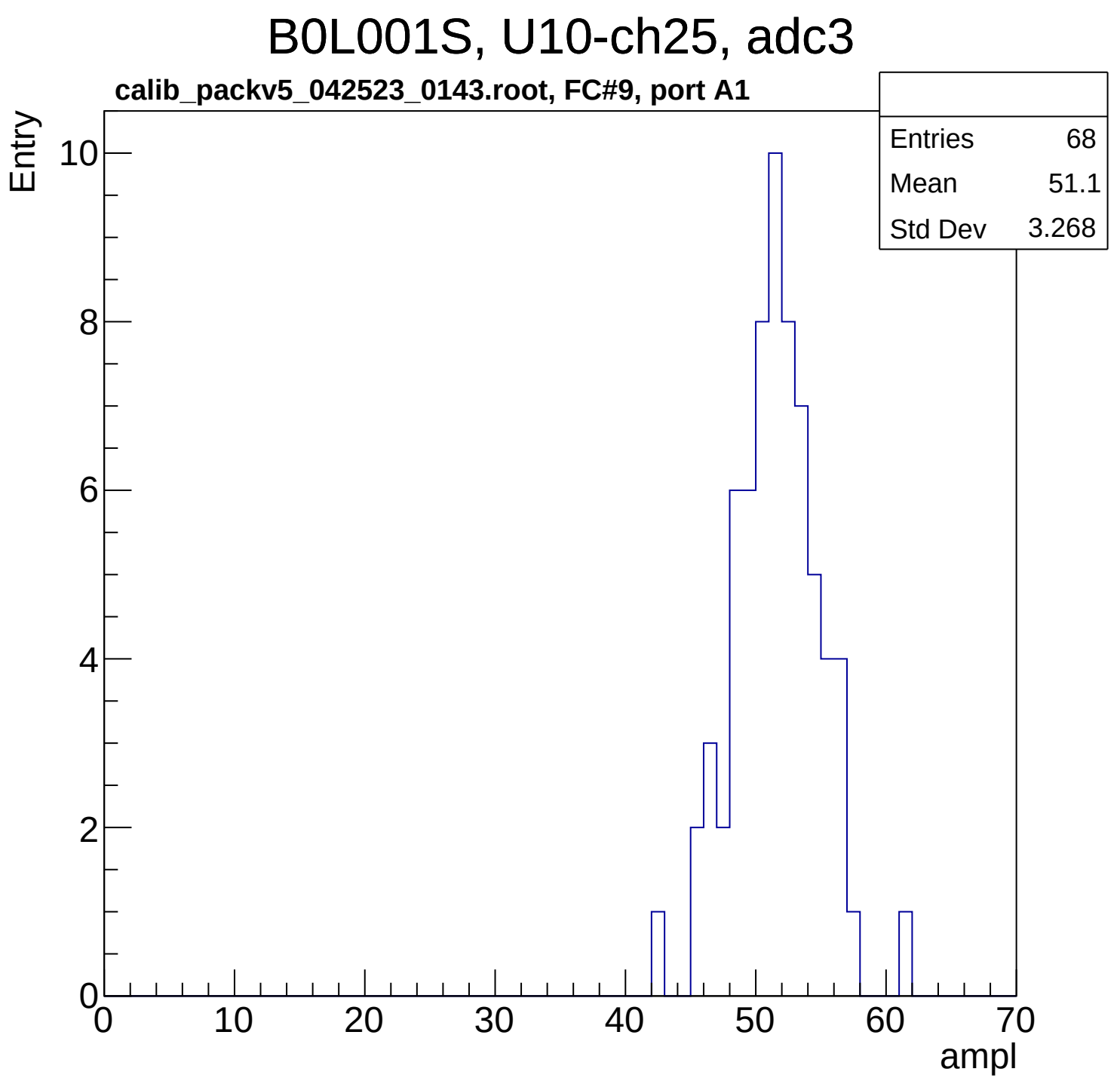

B0L001S, U10-ch24, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

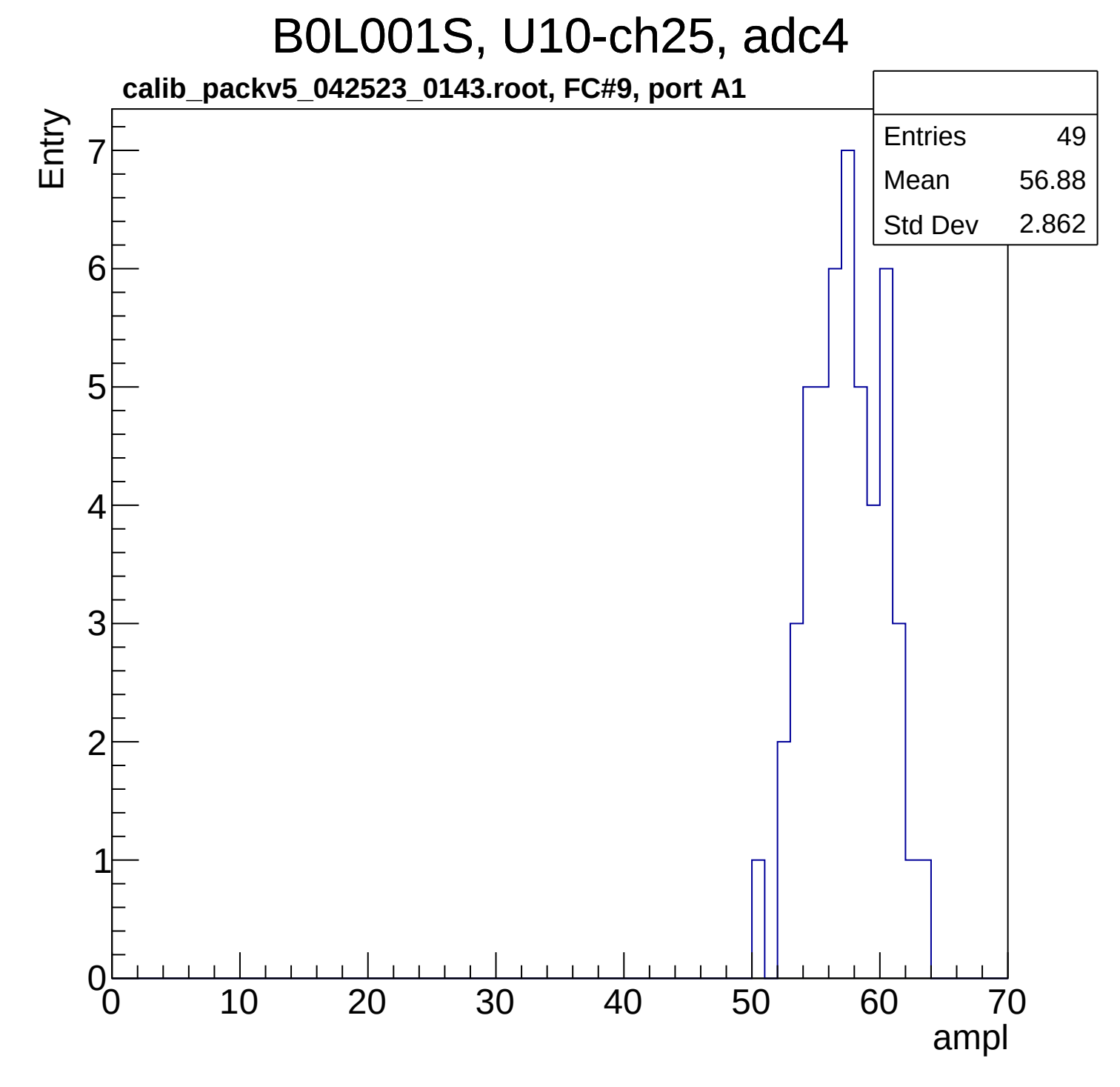

B0L001S, U10-ch24, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

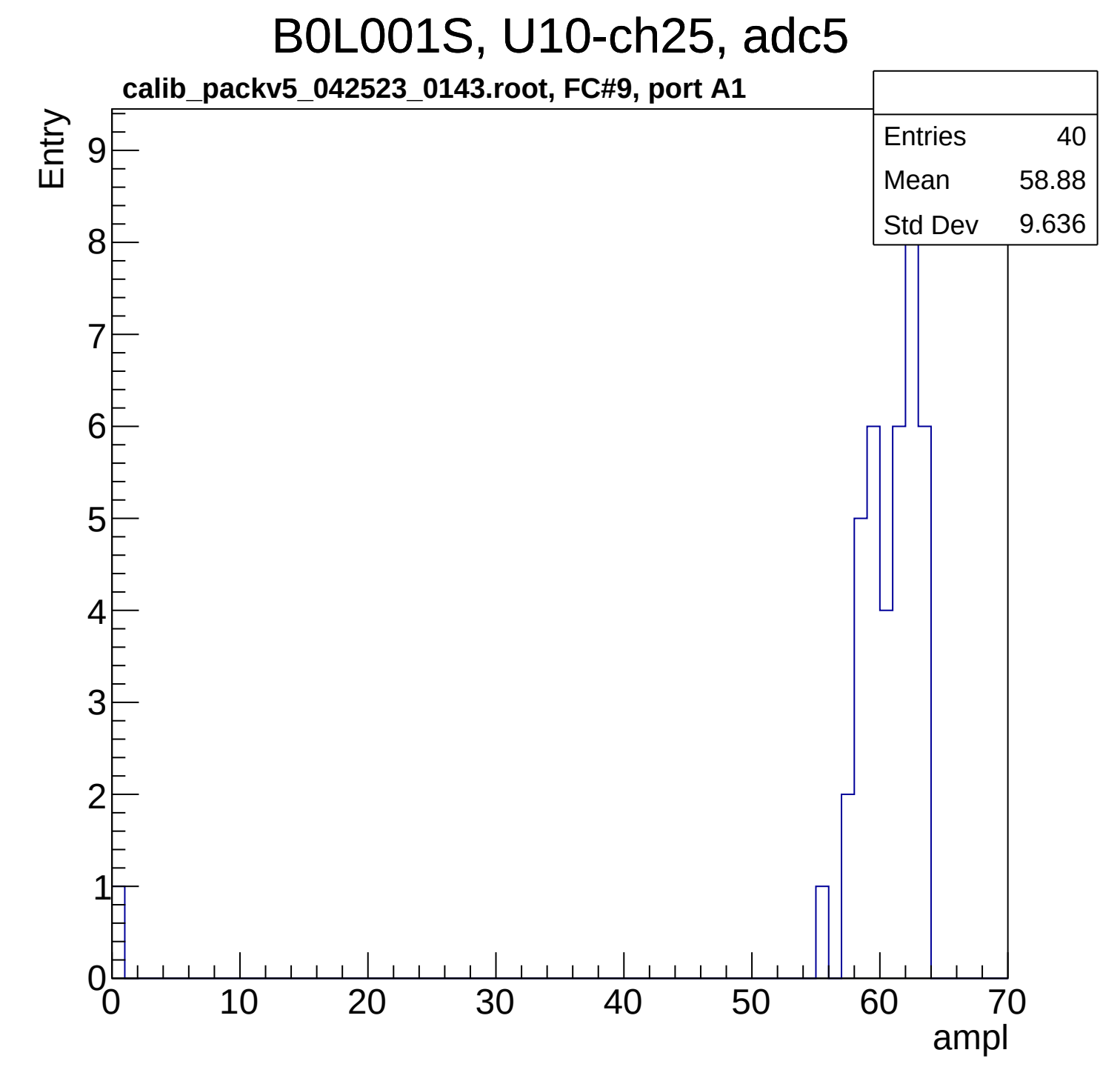

B0L001S, U10-ch25, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 29.37
Std Dev 3.063
Gaus mean : 30.1354
Gaus Width: 3.7671
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch25, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 37.82
Std Dev 3.332
Gaus mean : 38.5026
Gaus Width: 3.4181
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch25, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 44.32
Std Dev 3.196
Gaus mean : 45.1819
Gaus Width: 3.2908
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch25, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 51.1
Std Dev 3.268
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch25, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 56.88
Std Dev 2.862
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch25, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 58.88
Std Dev 9.636
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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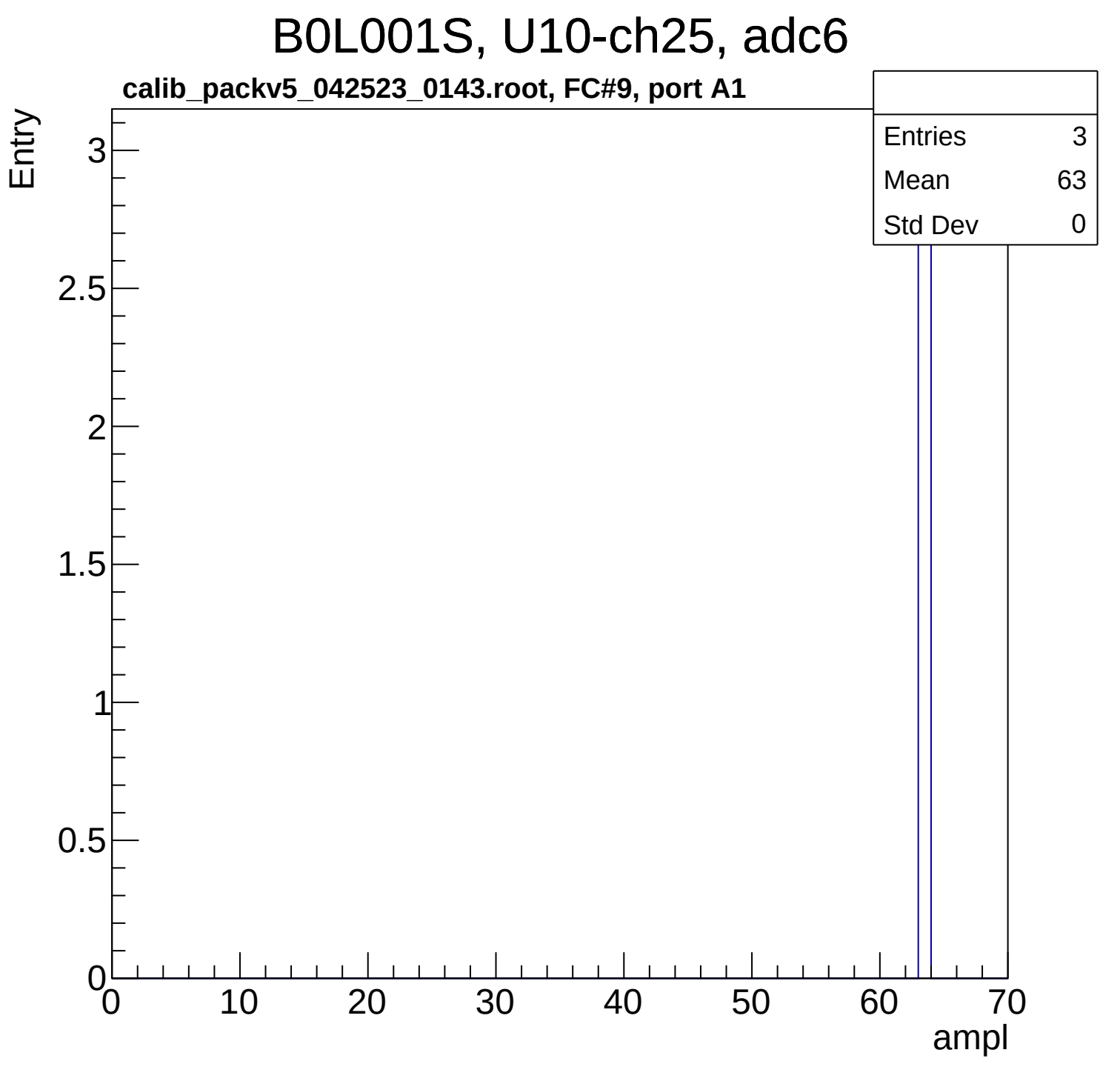
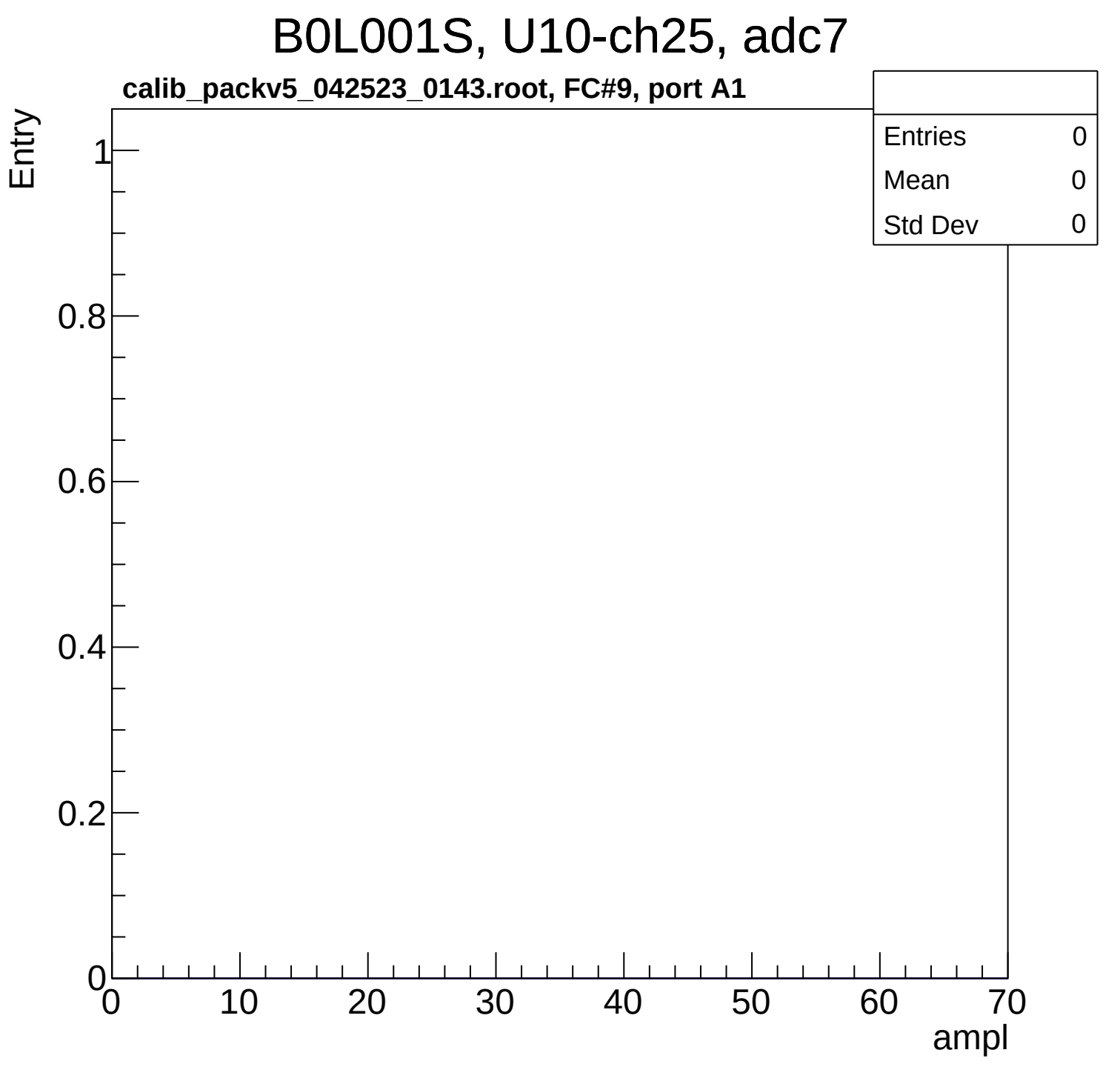

B0L001S, U10-ch25, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch25, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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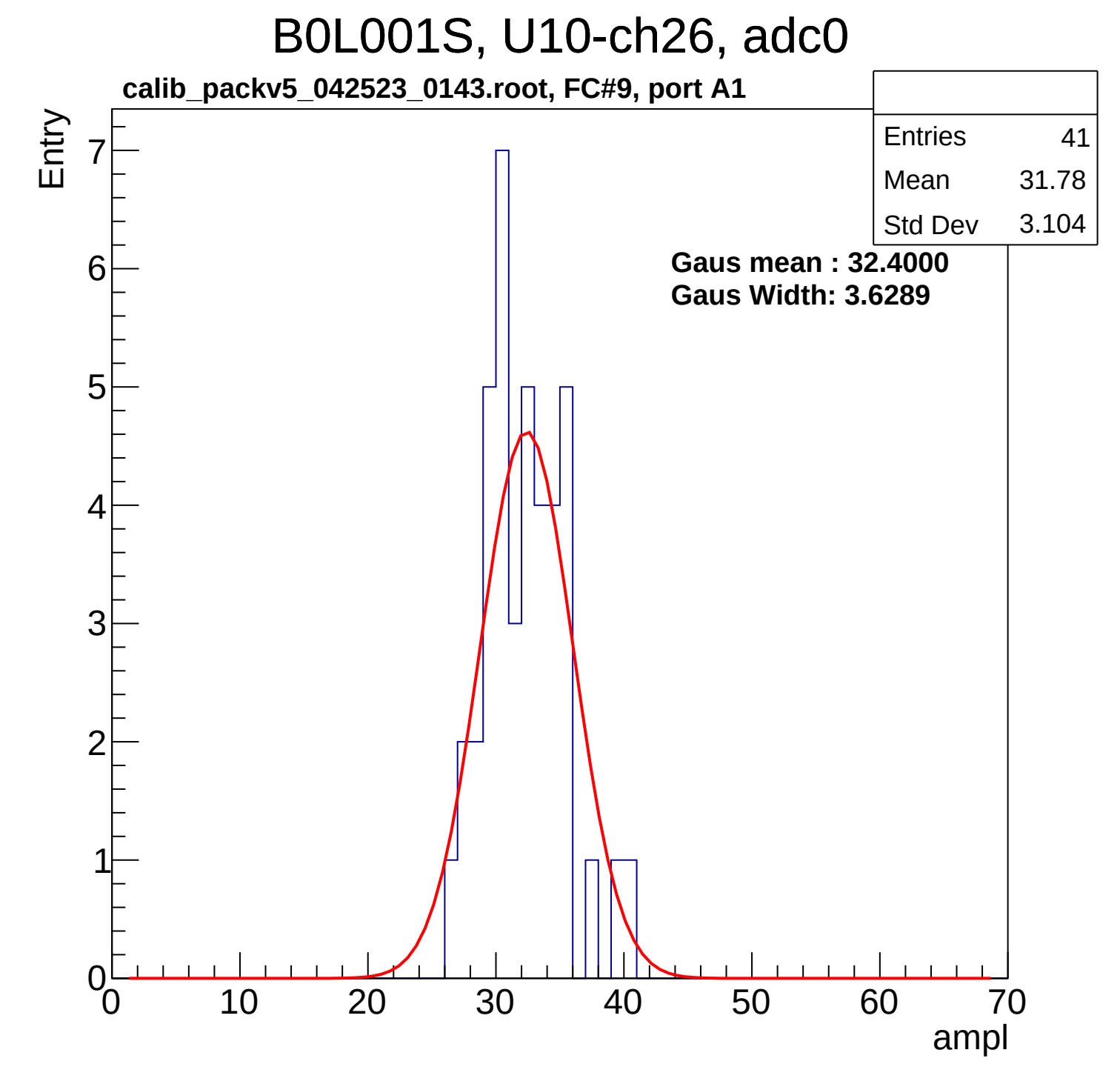
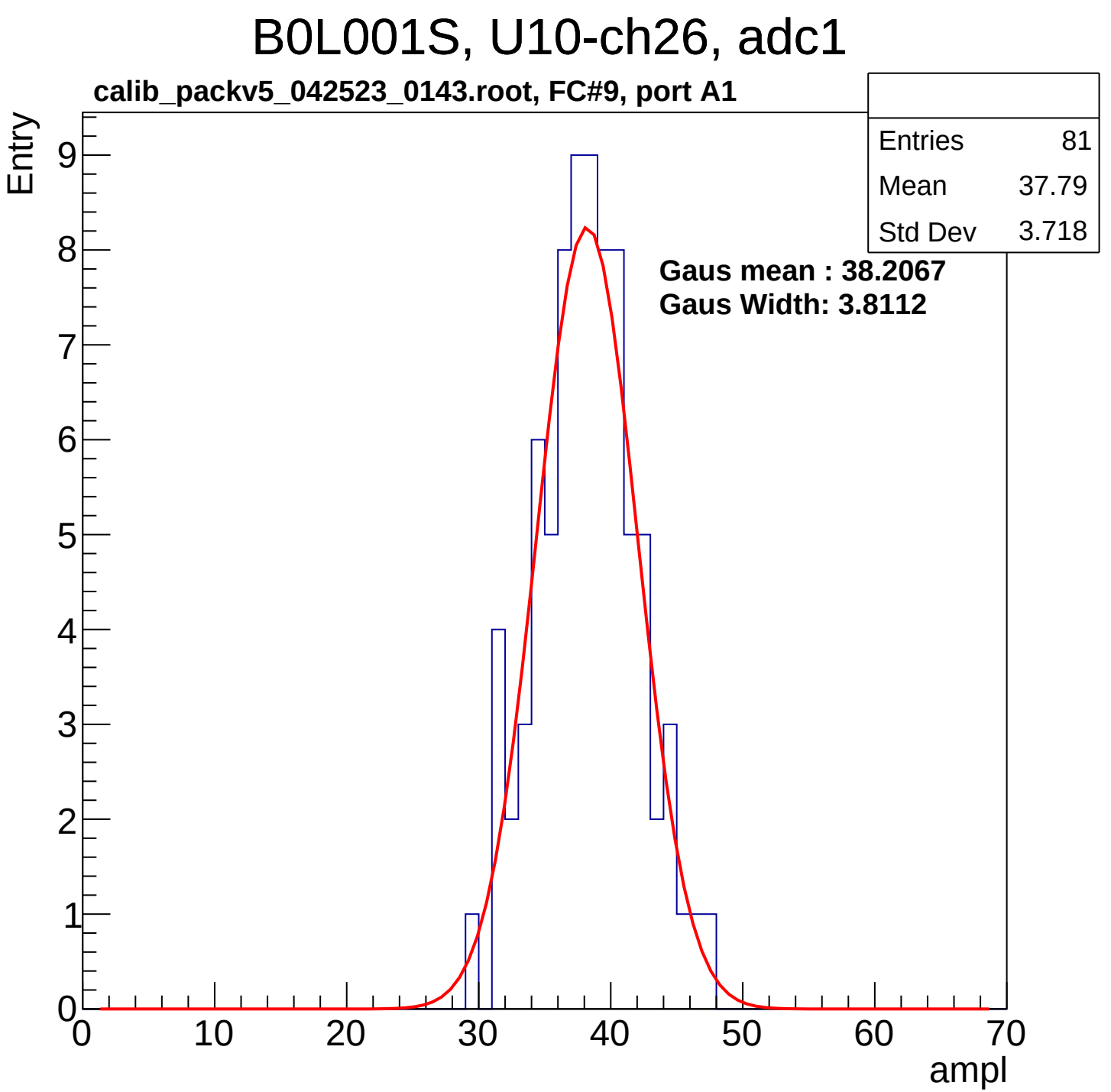
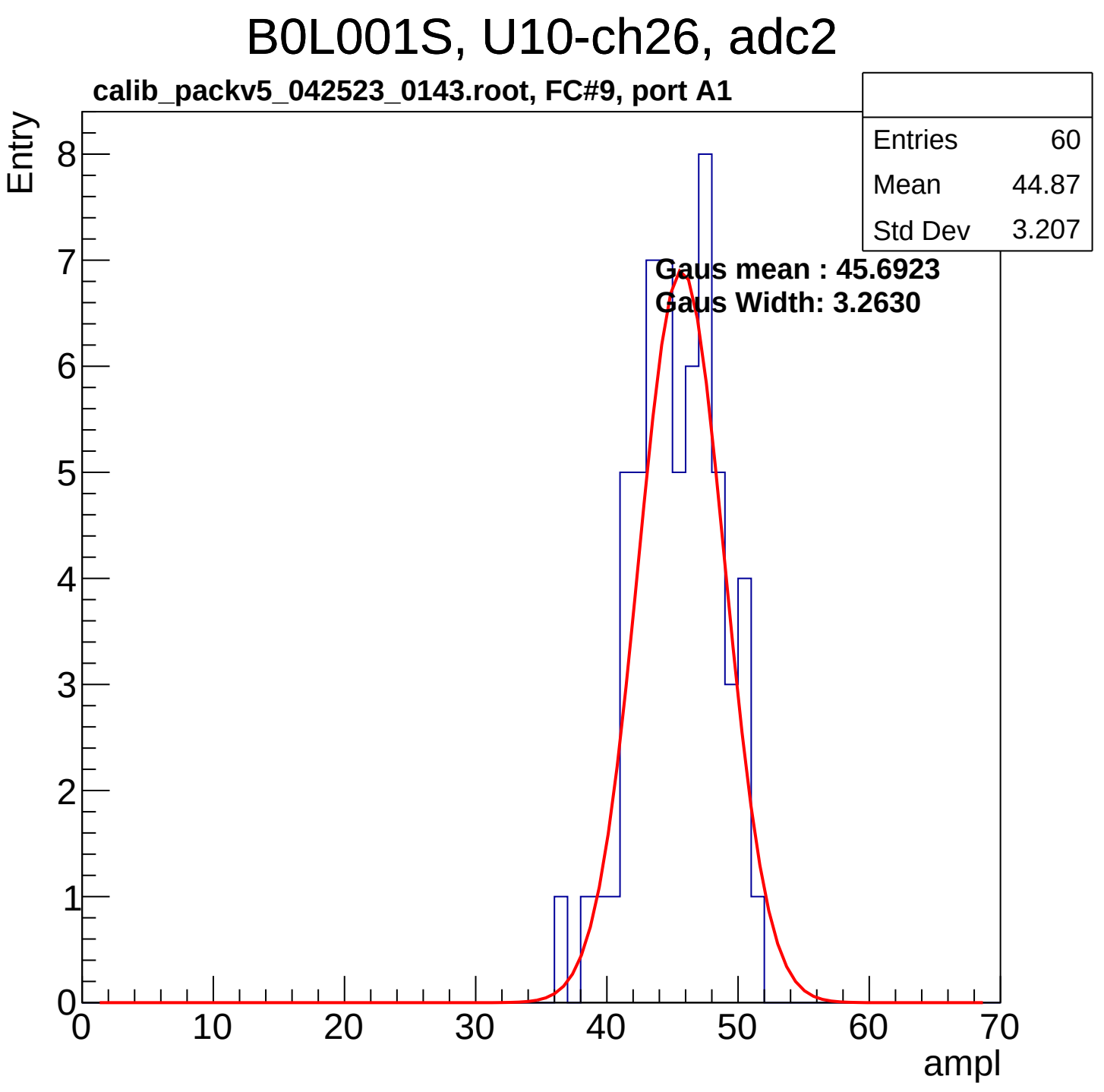
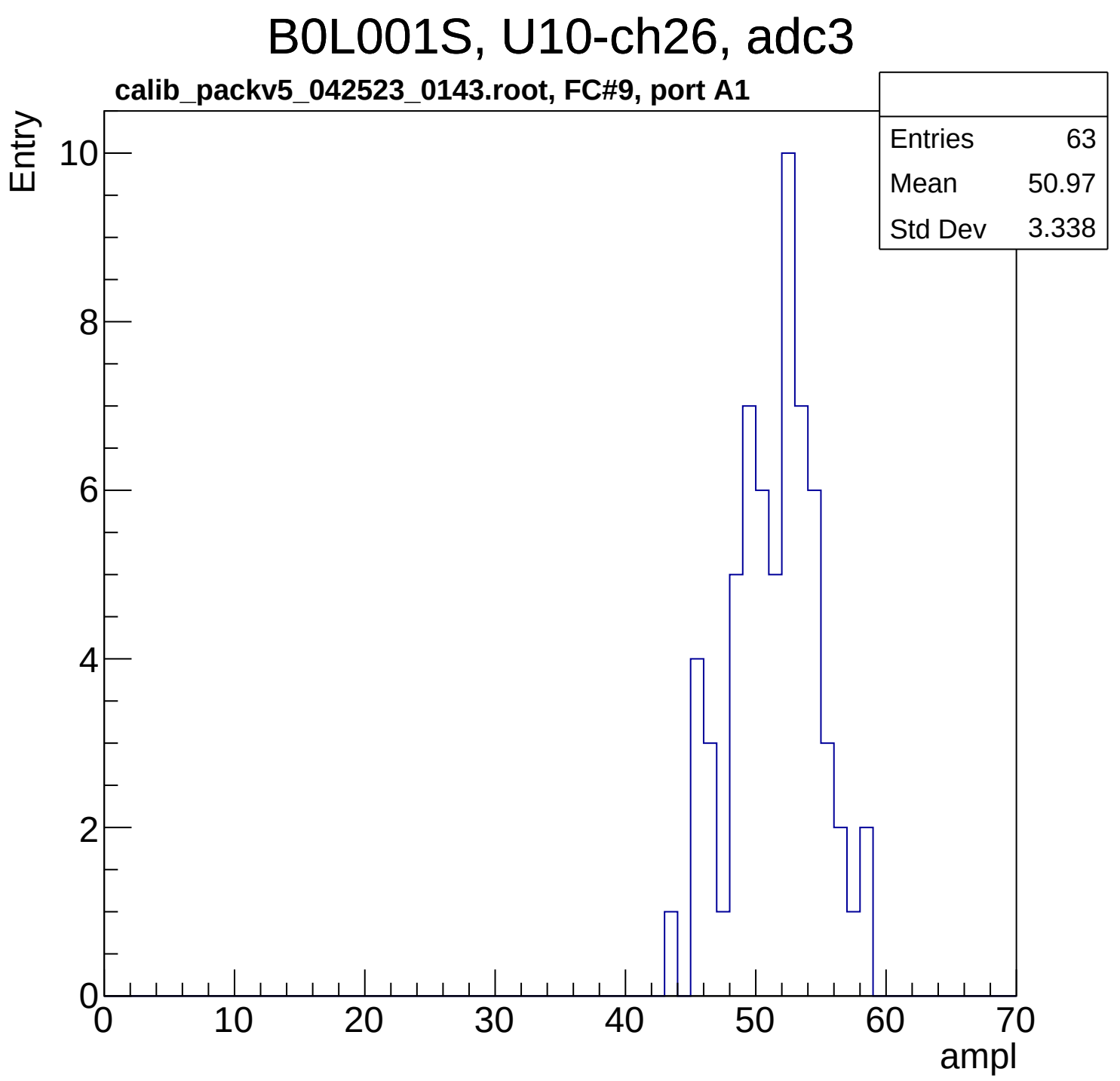
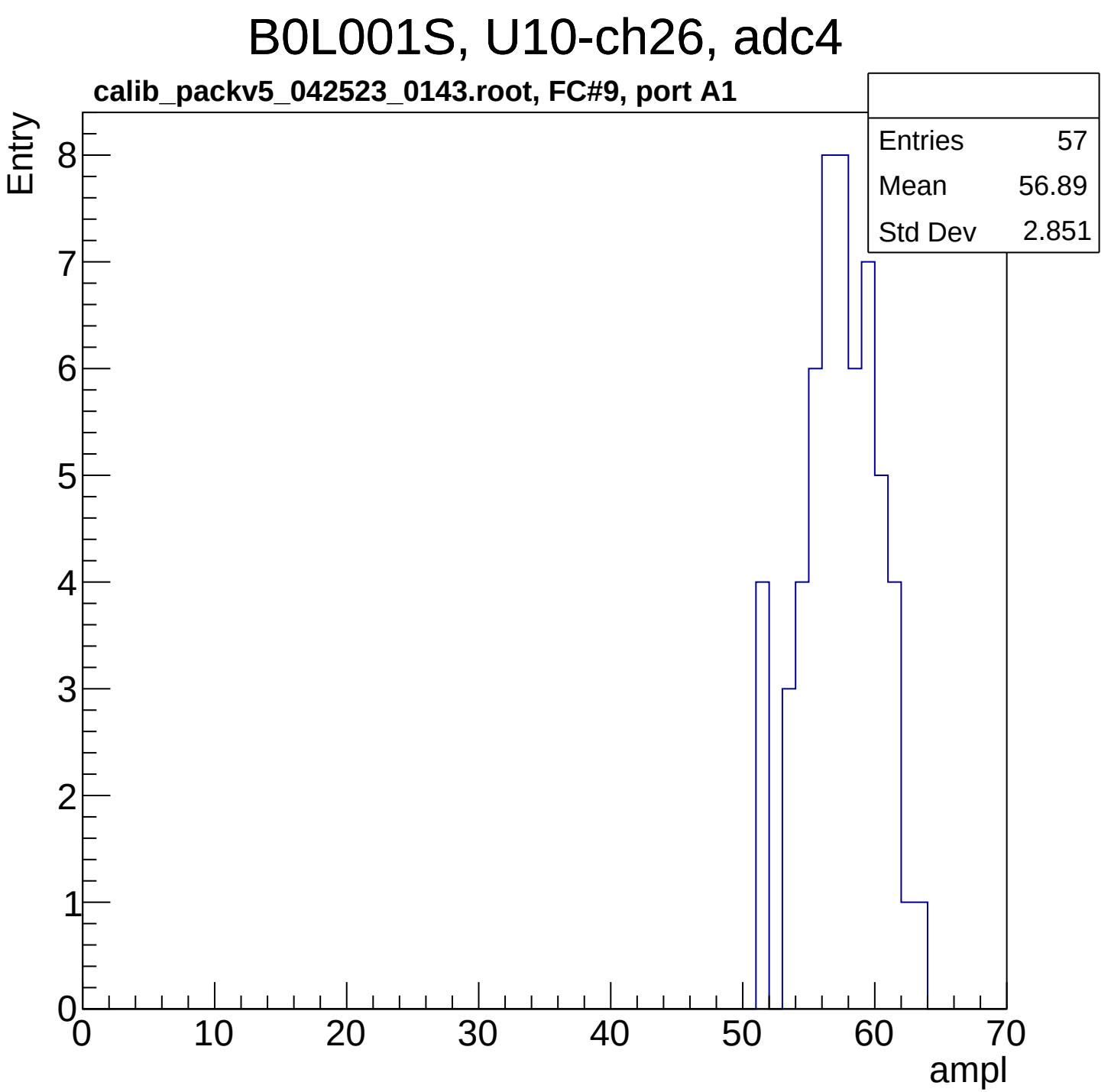
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

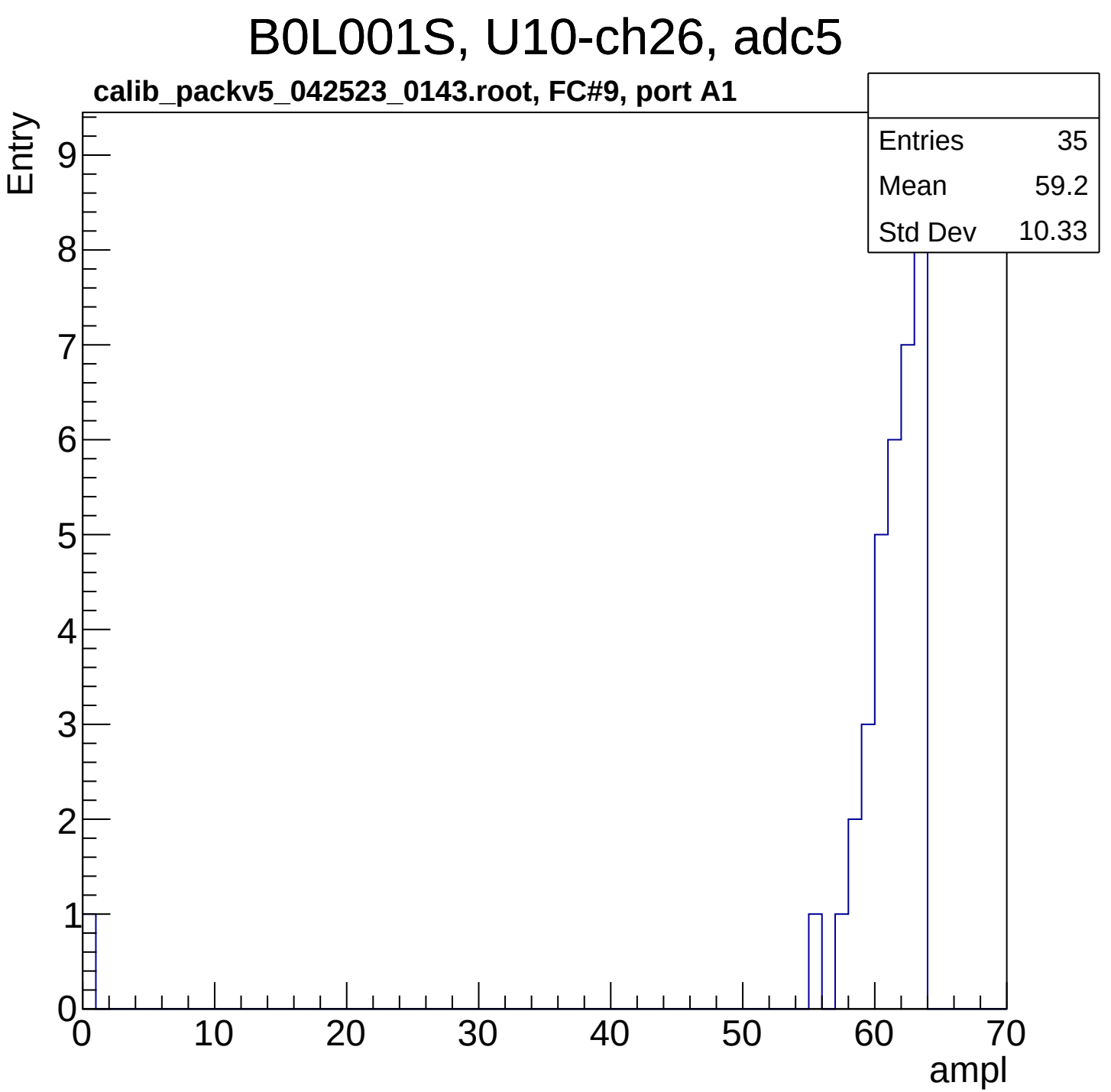

B0L001S, U10-ch26, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 31.78
Std Dev 3.104
Gaus mean : 32.4000
Gaus Width: 3.6289
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

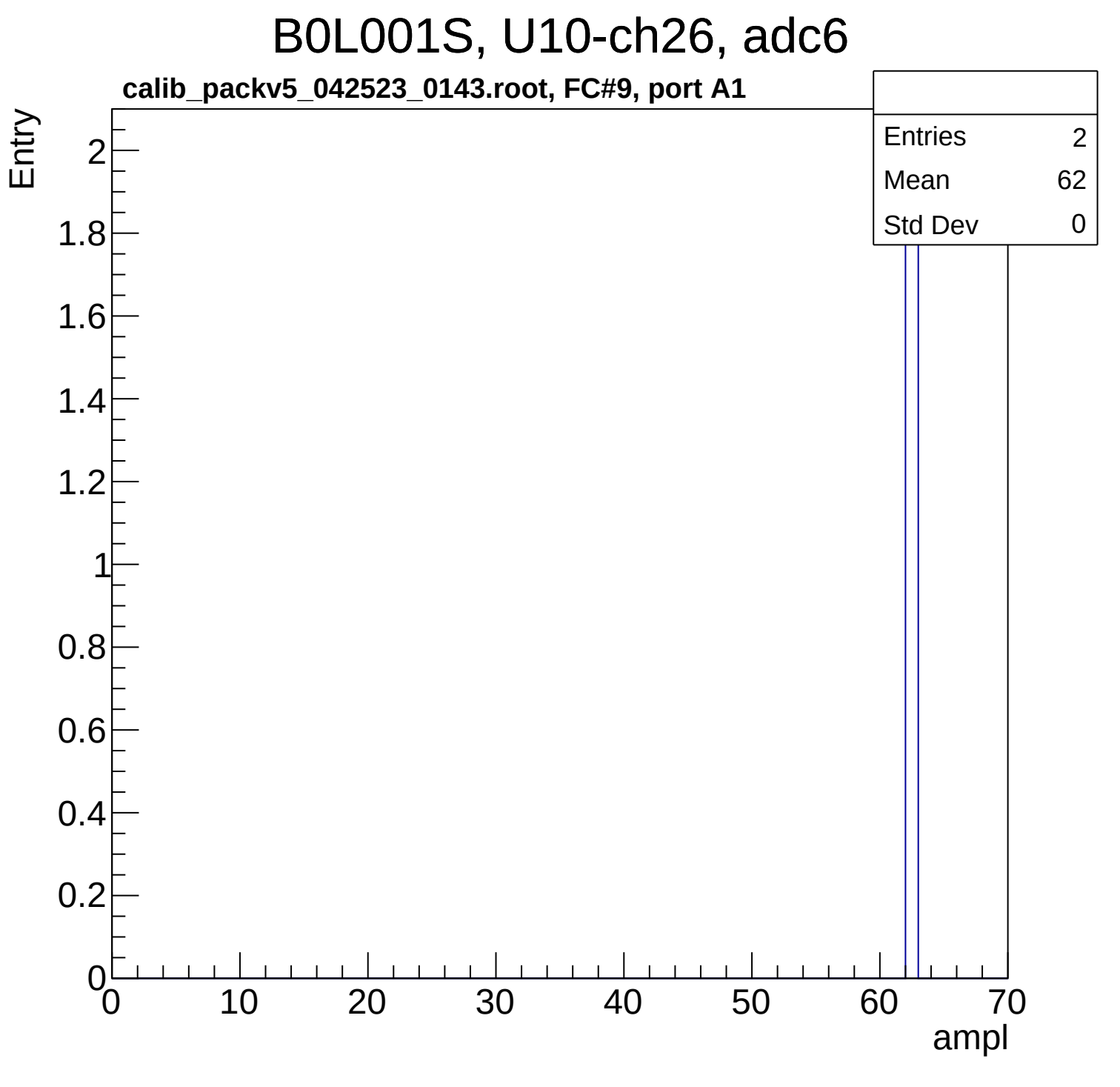

B0L001S, U10-ch26, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 37.79
Std Dev 3.718
Gaus mean : 38.2067
Gaus Width: 3.8112
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

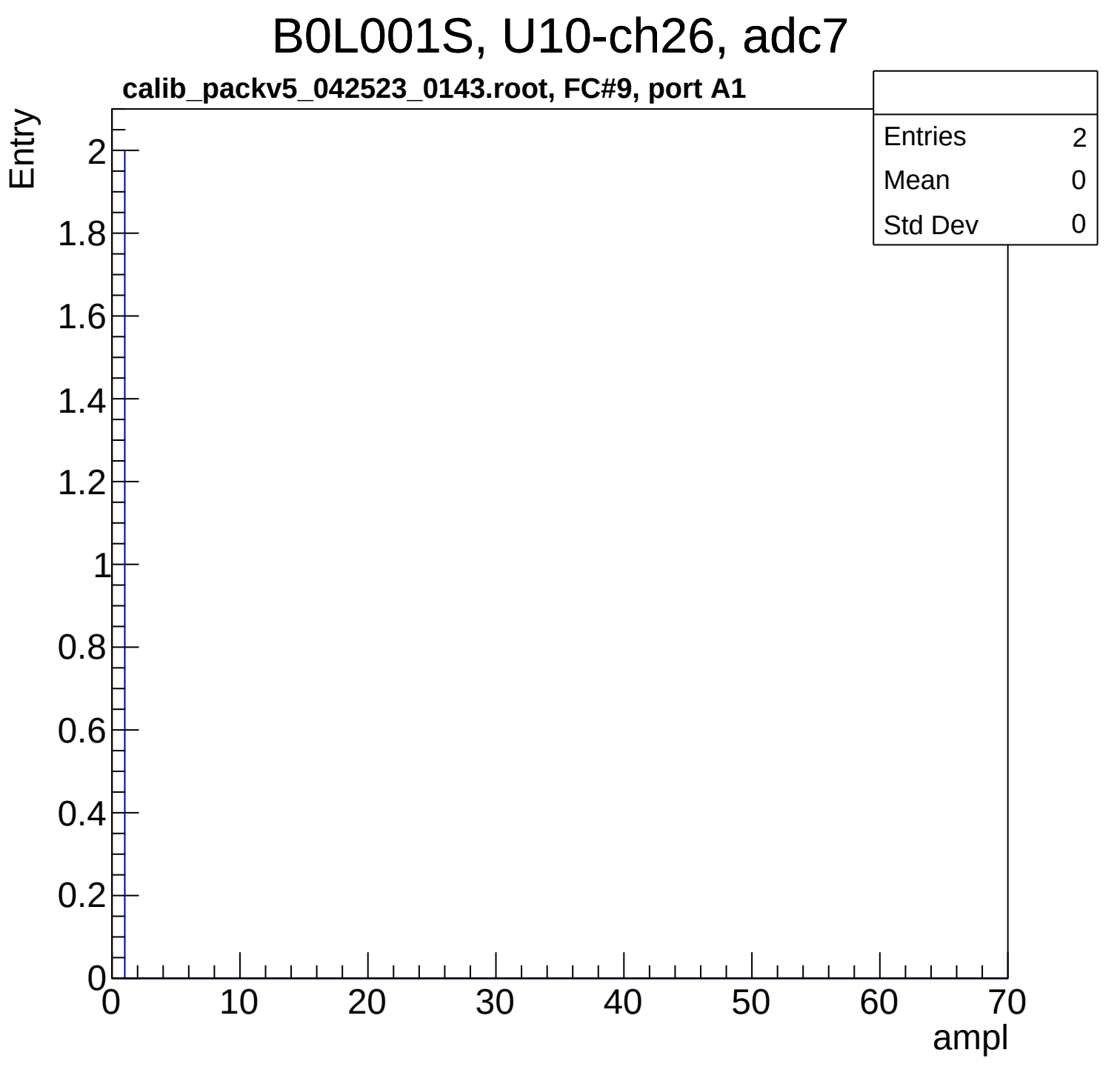

B0L001S, U10-ch26, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 44.87
Std Dev 3.207
Gaus mean : 45.6923
Gaus Width: 3.2630
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

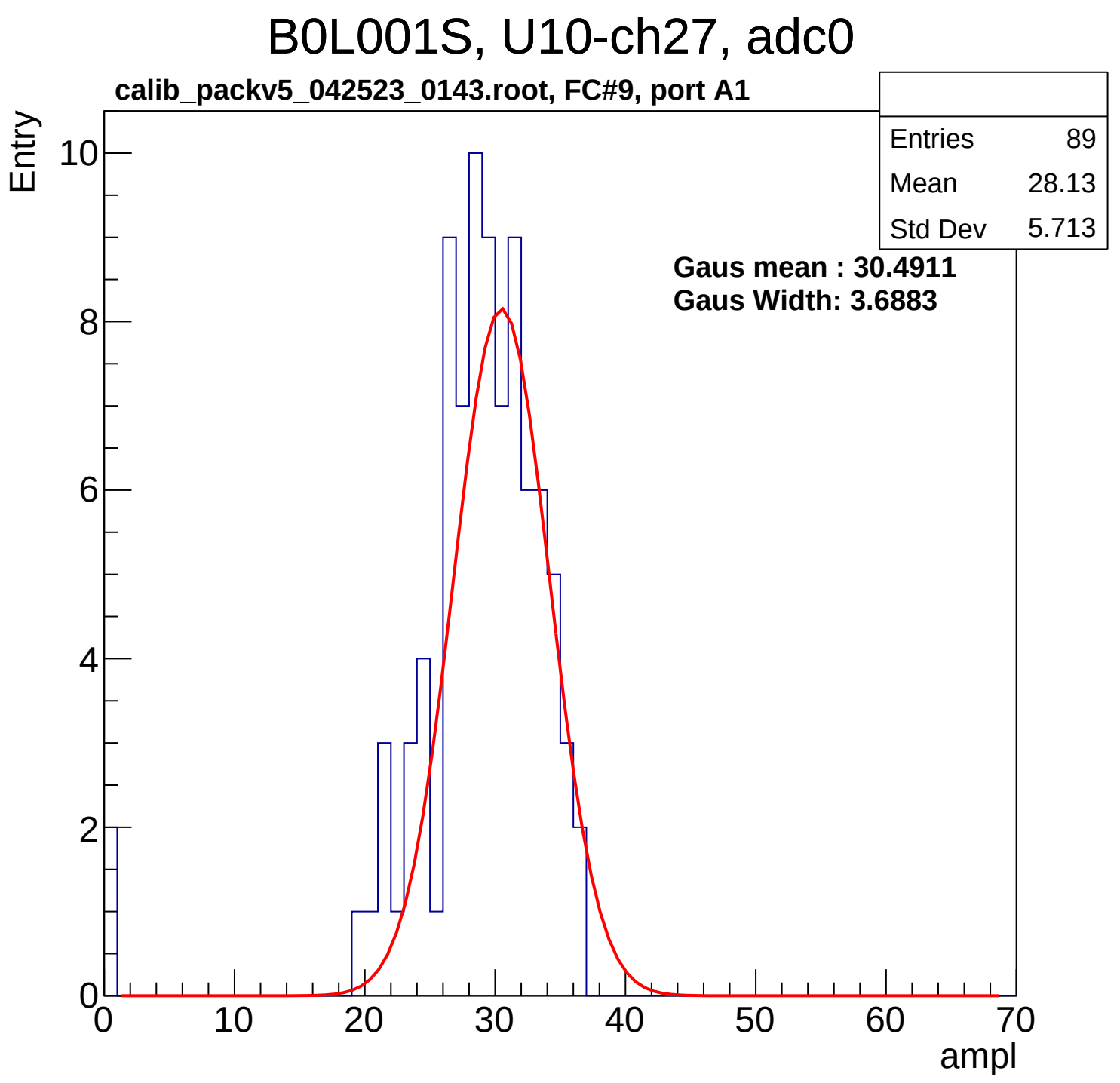

B0L001S, U10-ch26, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 50.97
Std Dev 3.338
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

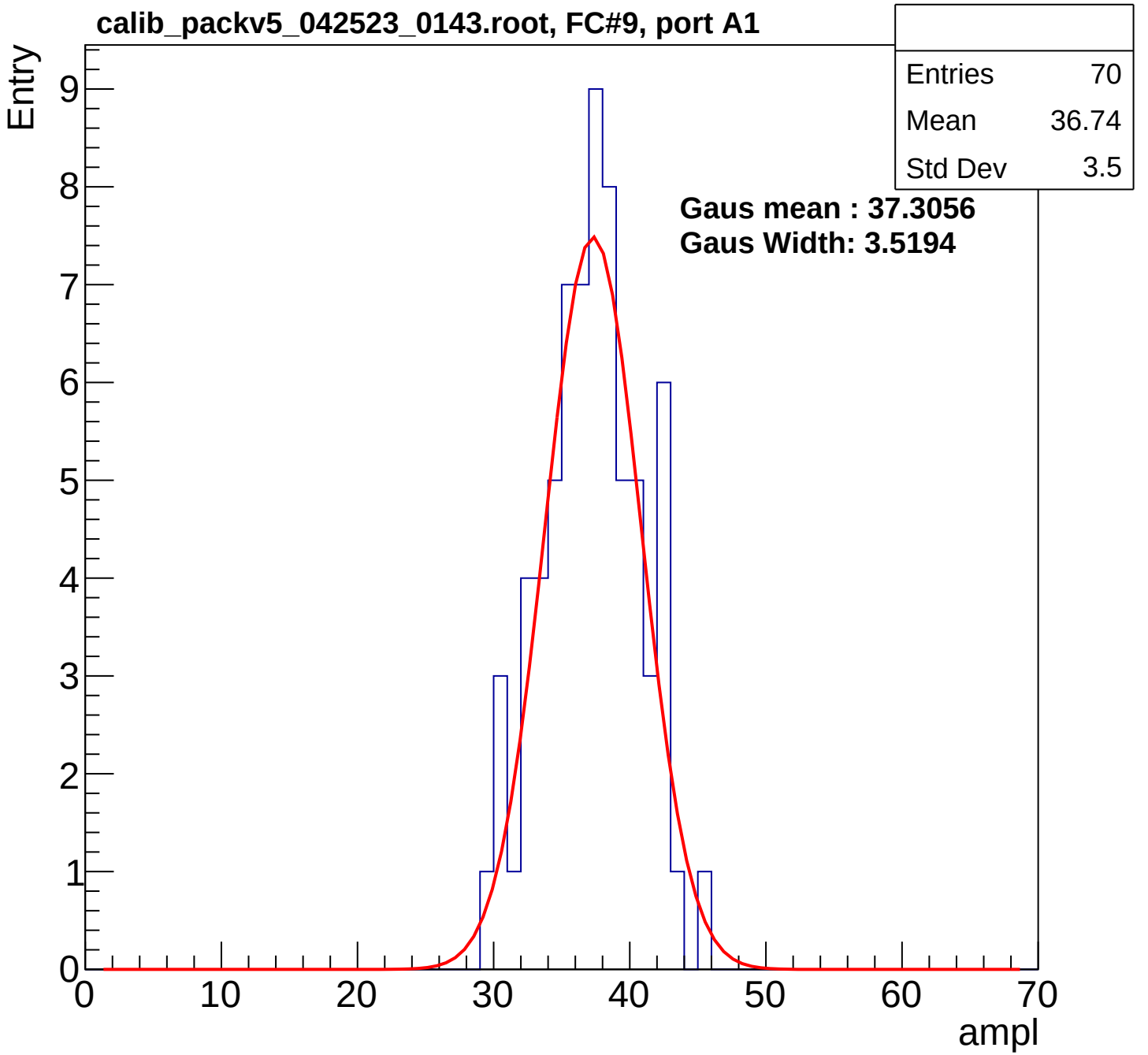

B0L001S, U10-ch26, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.89
Std Dev 2.851
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch26, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 59.2
Std Dev 10.33
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch26, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch26, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch27, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 28.13
Std Dev 5.713
Gaus mean : 30.4911
Gaus Width: 3.6883
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch27, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 36.74
Std Dev 3.5
Gaus mean : 37.3056
Gaus Width: 3.5194
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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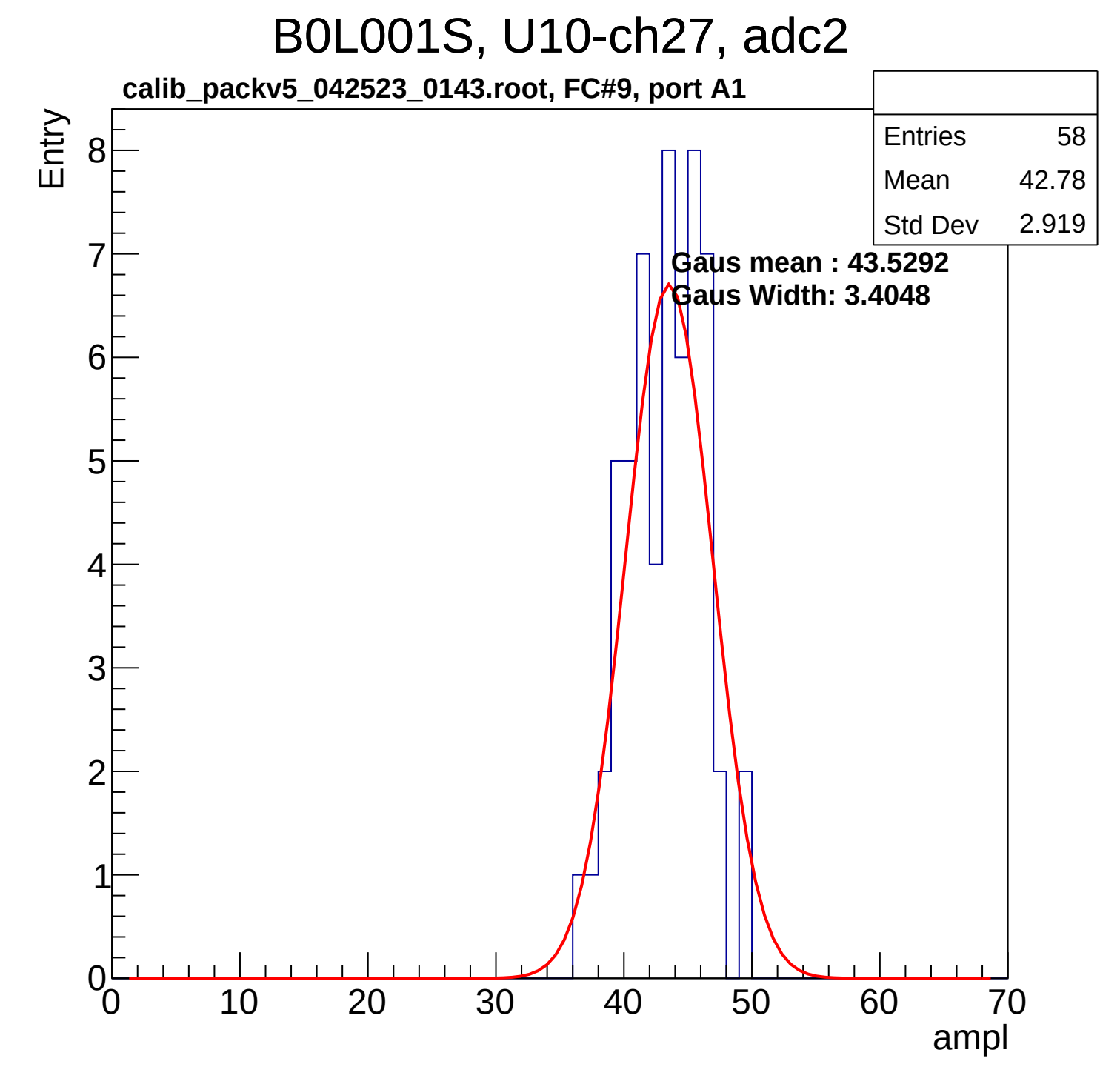
B0L001S, U10-ch27, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 42.78
Std Dev 2.919
Gaus mean : 43.5292
Gaus Width: 3.4048
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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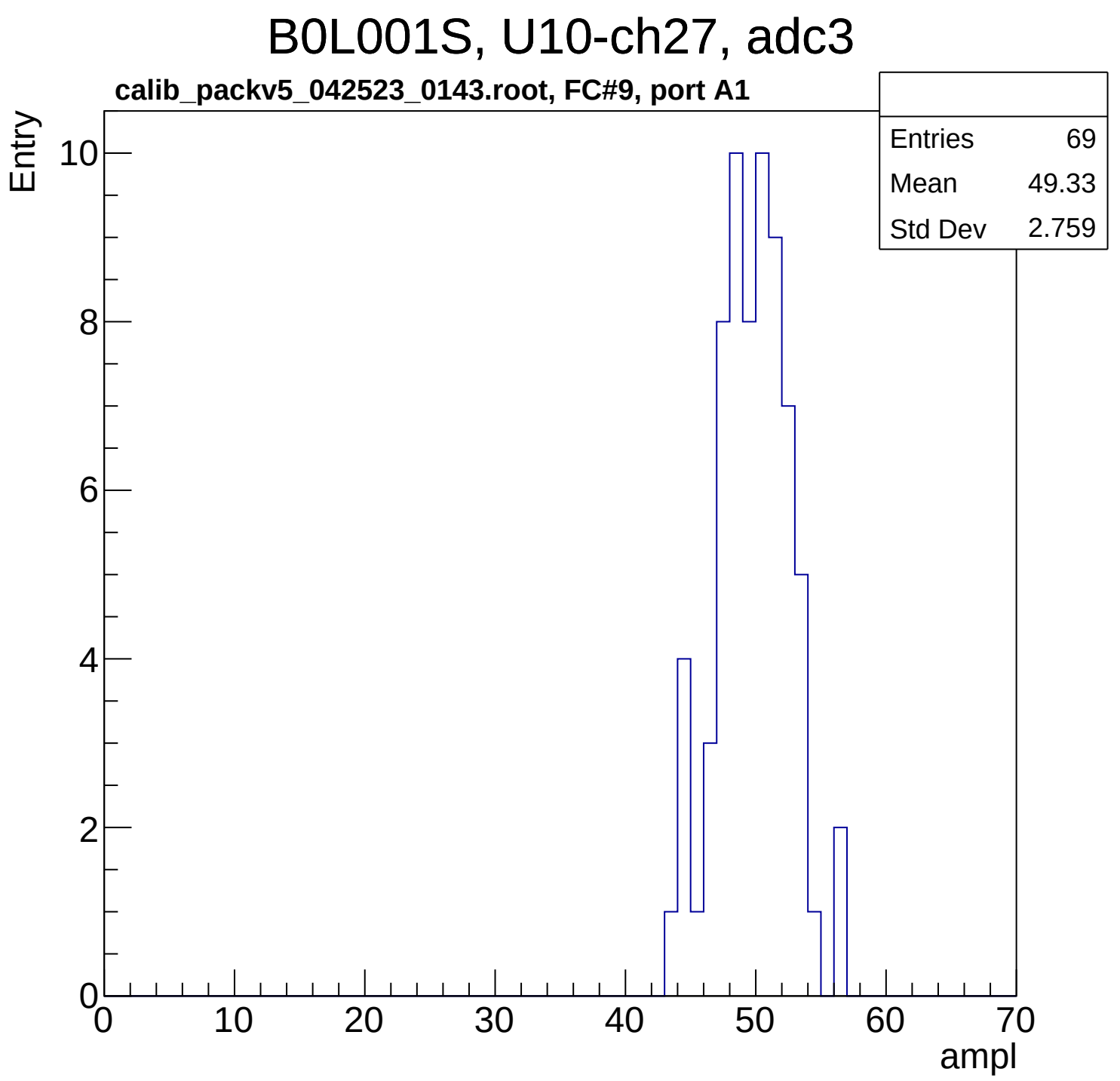
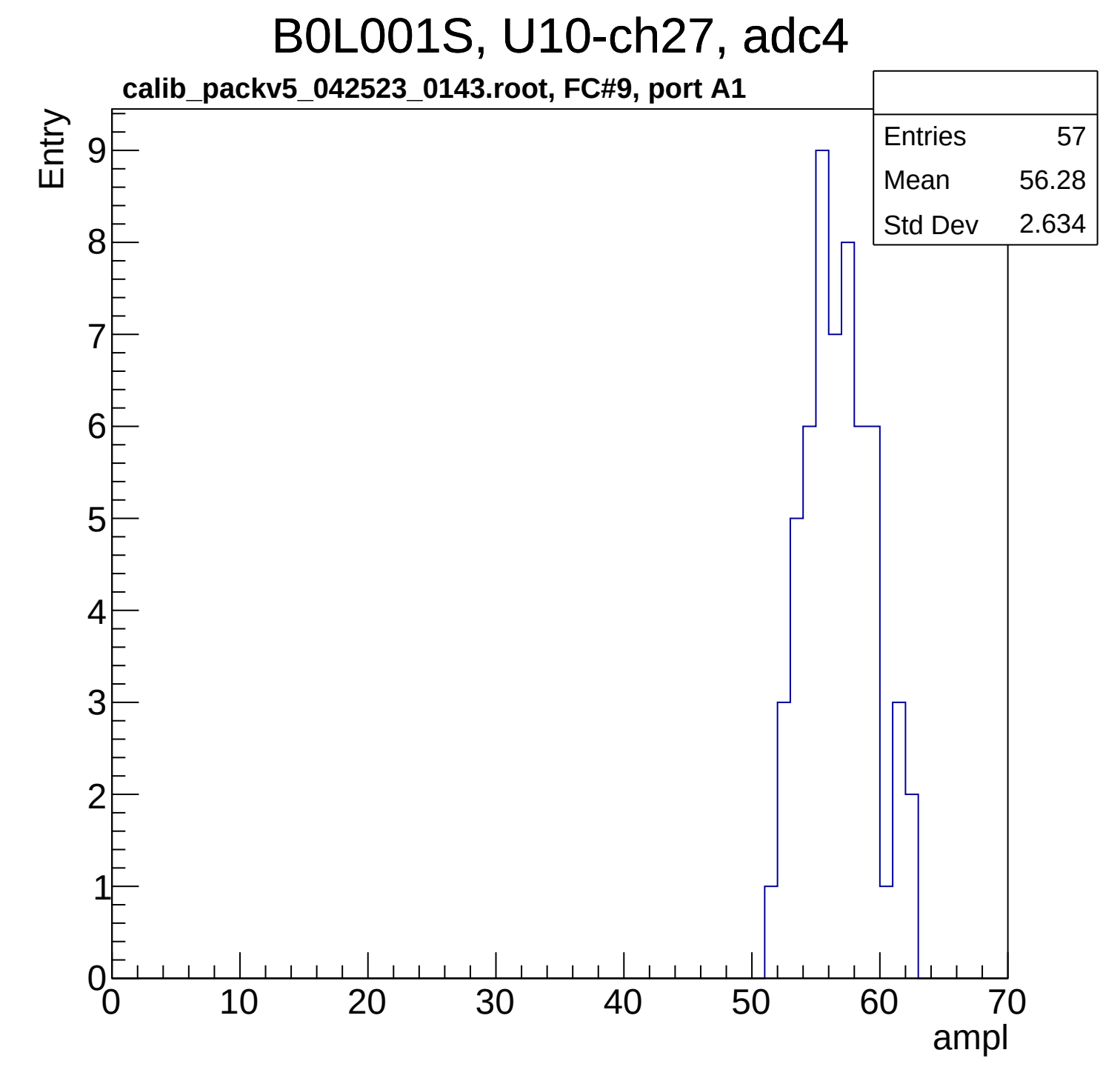

B0L001S, U10-ch27, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 49.33
Std Dev 2.759
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch27, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.28
Std Dev 2.634
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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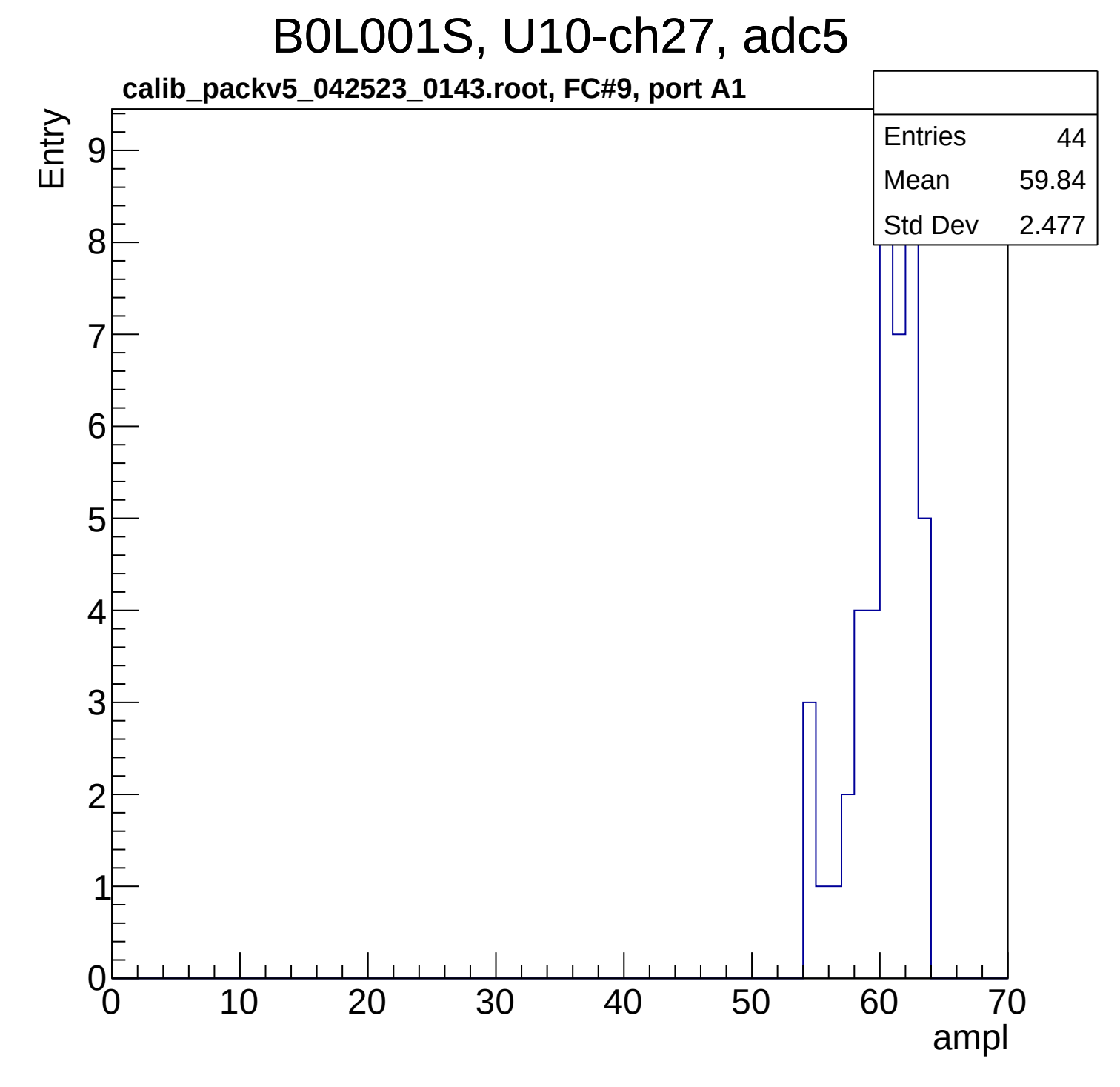
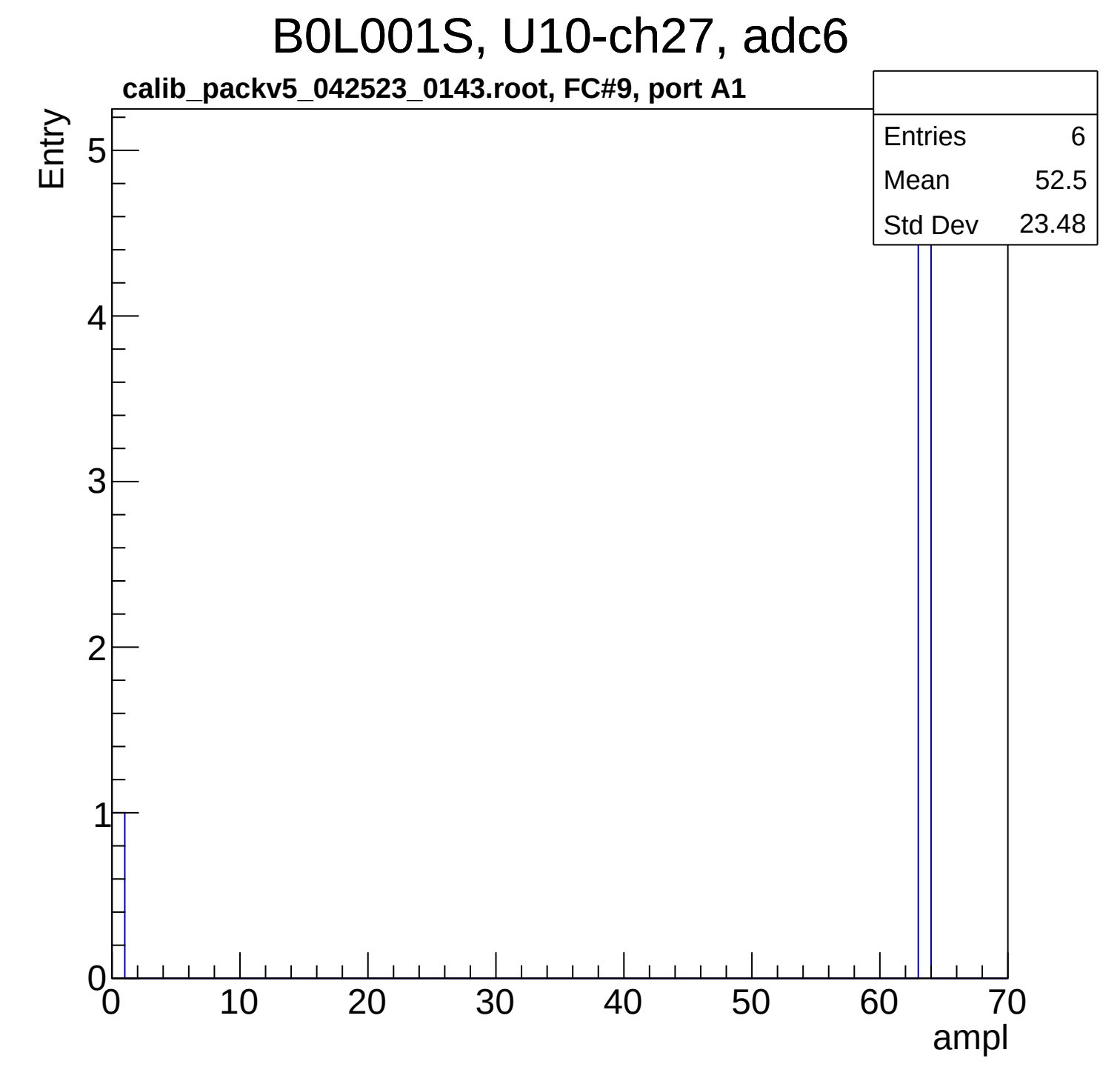
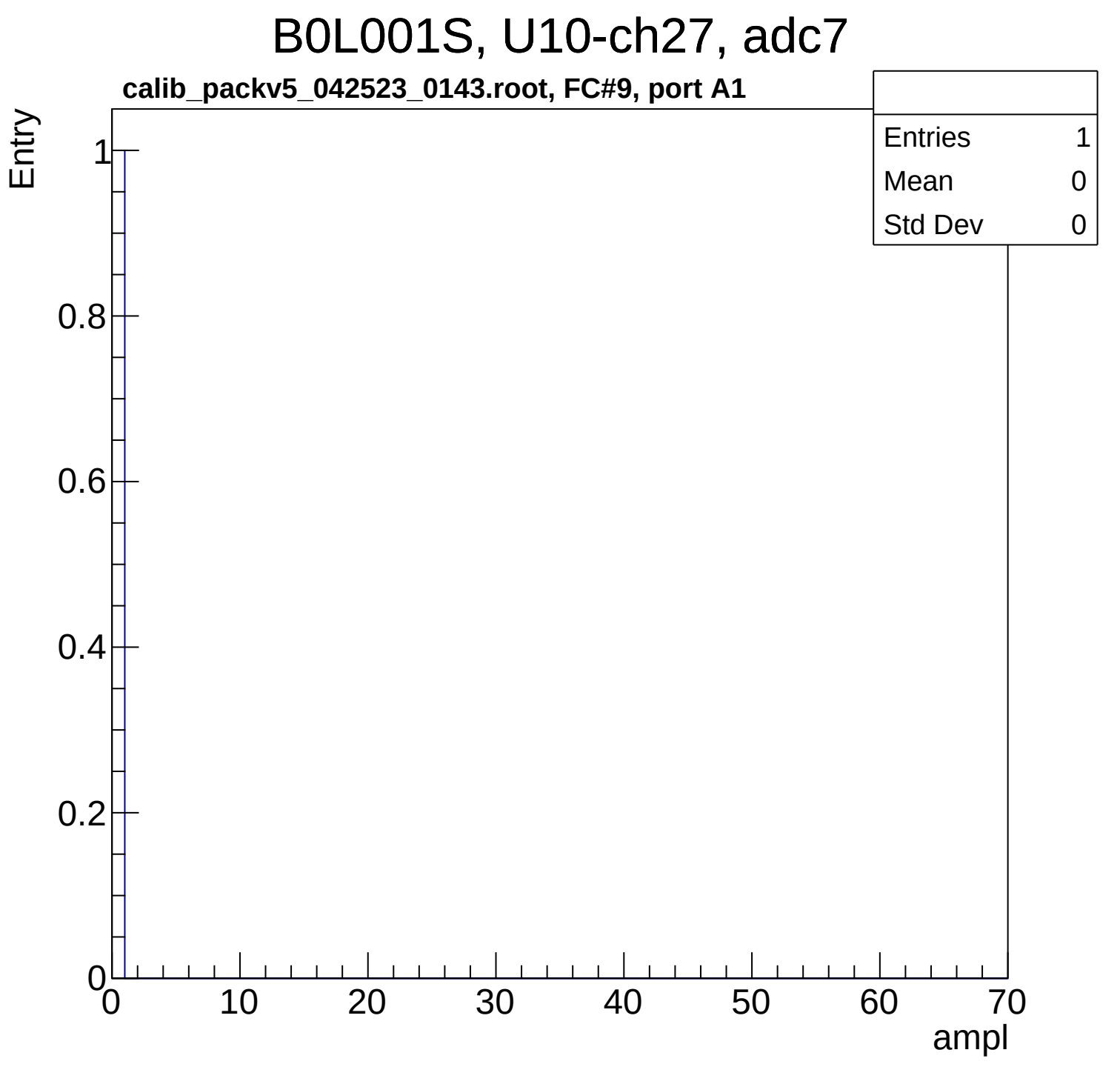
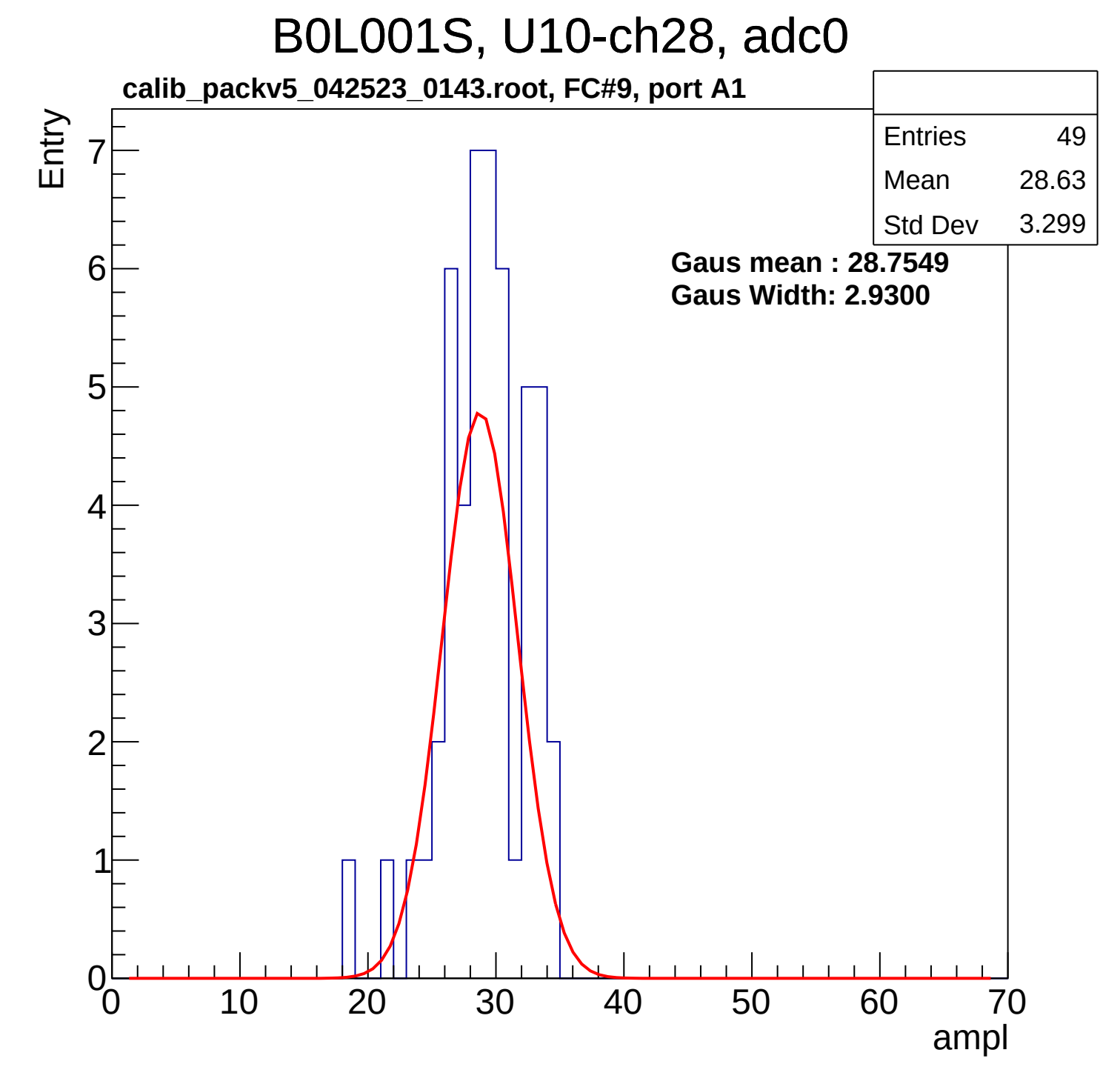
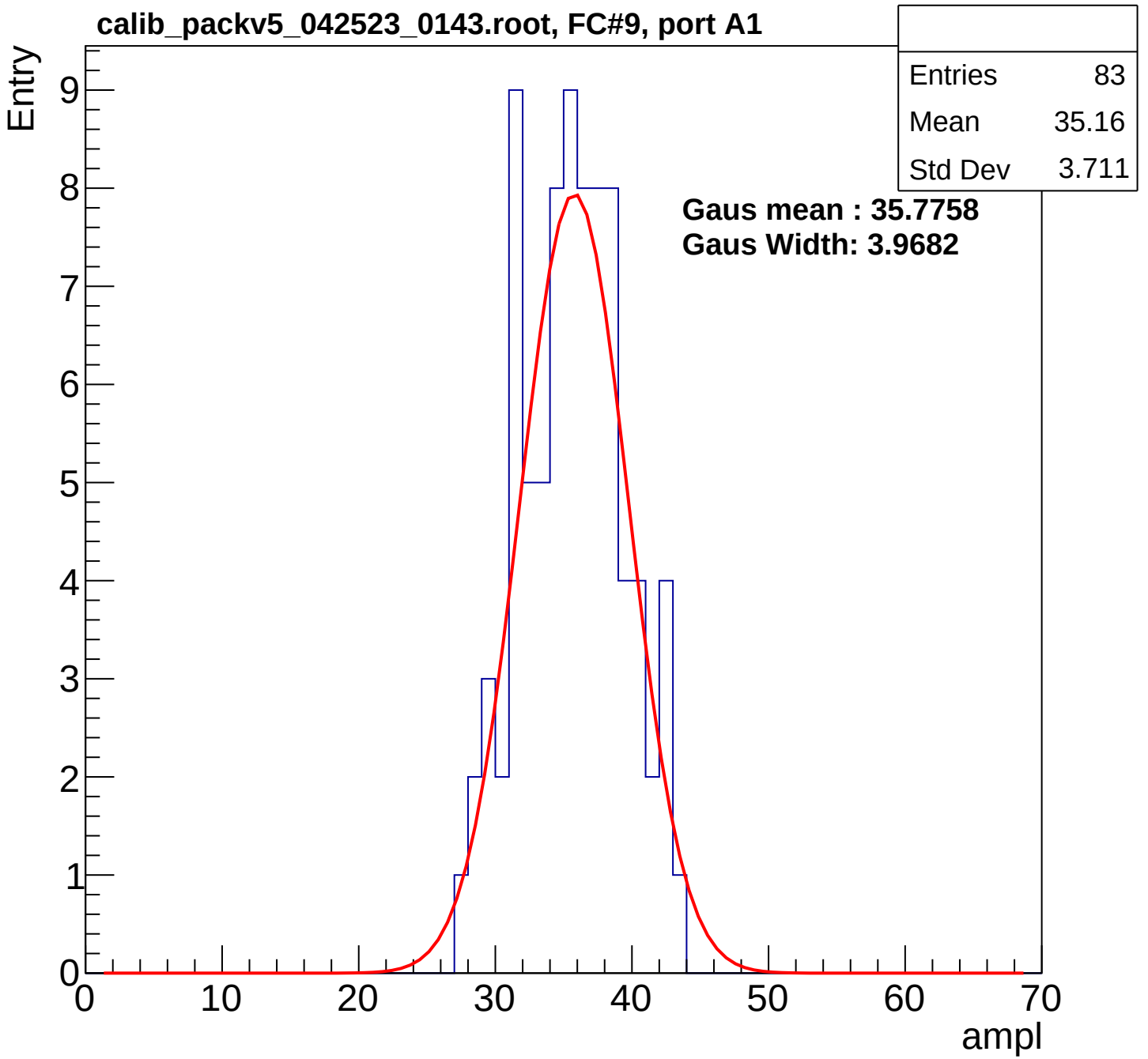
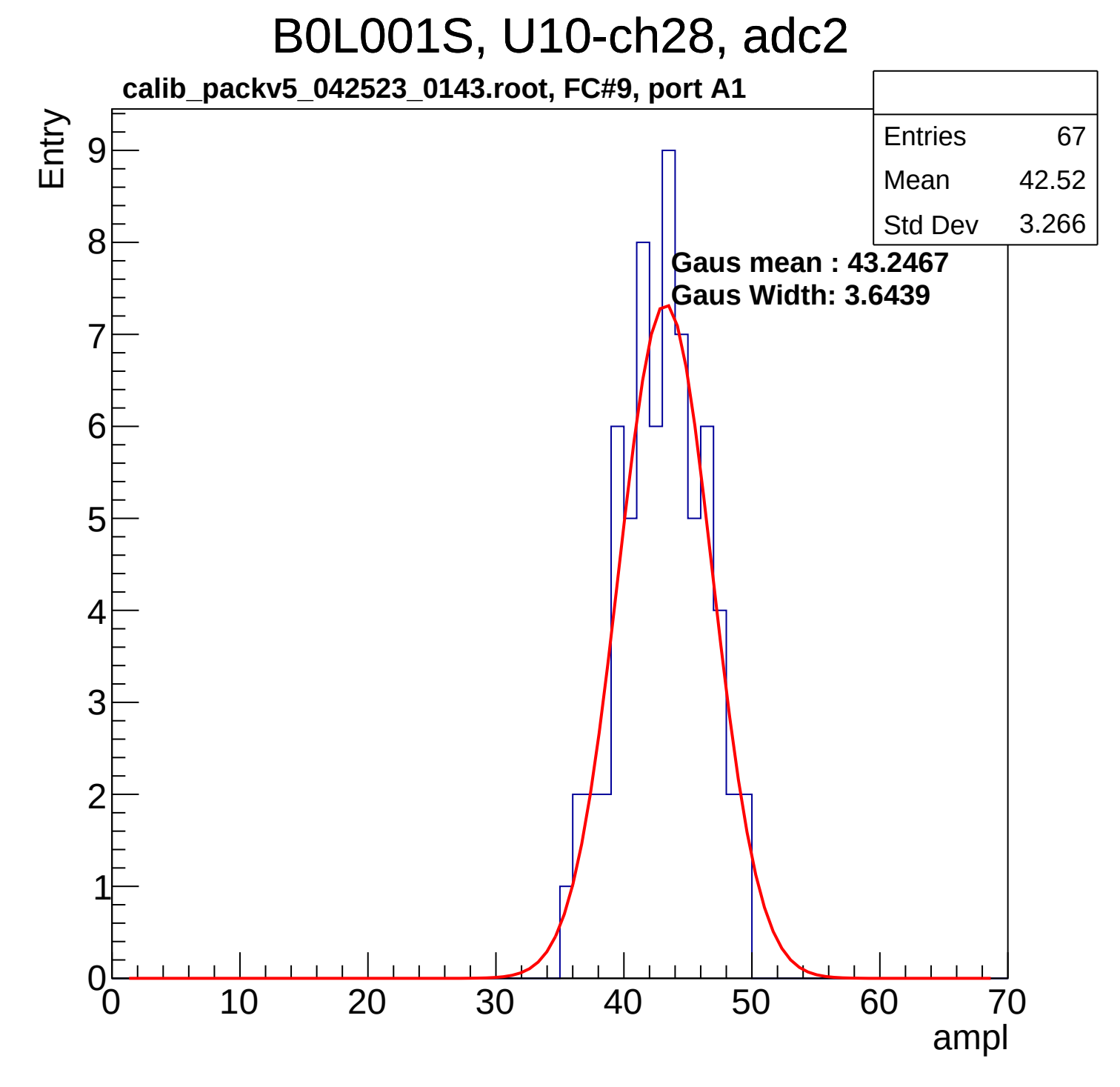

B0L001S, U10-ch27, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 59.84
Std Dev 2.477
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

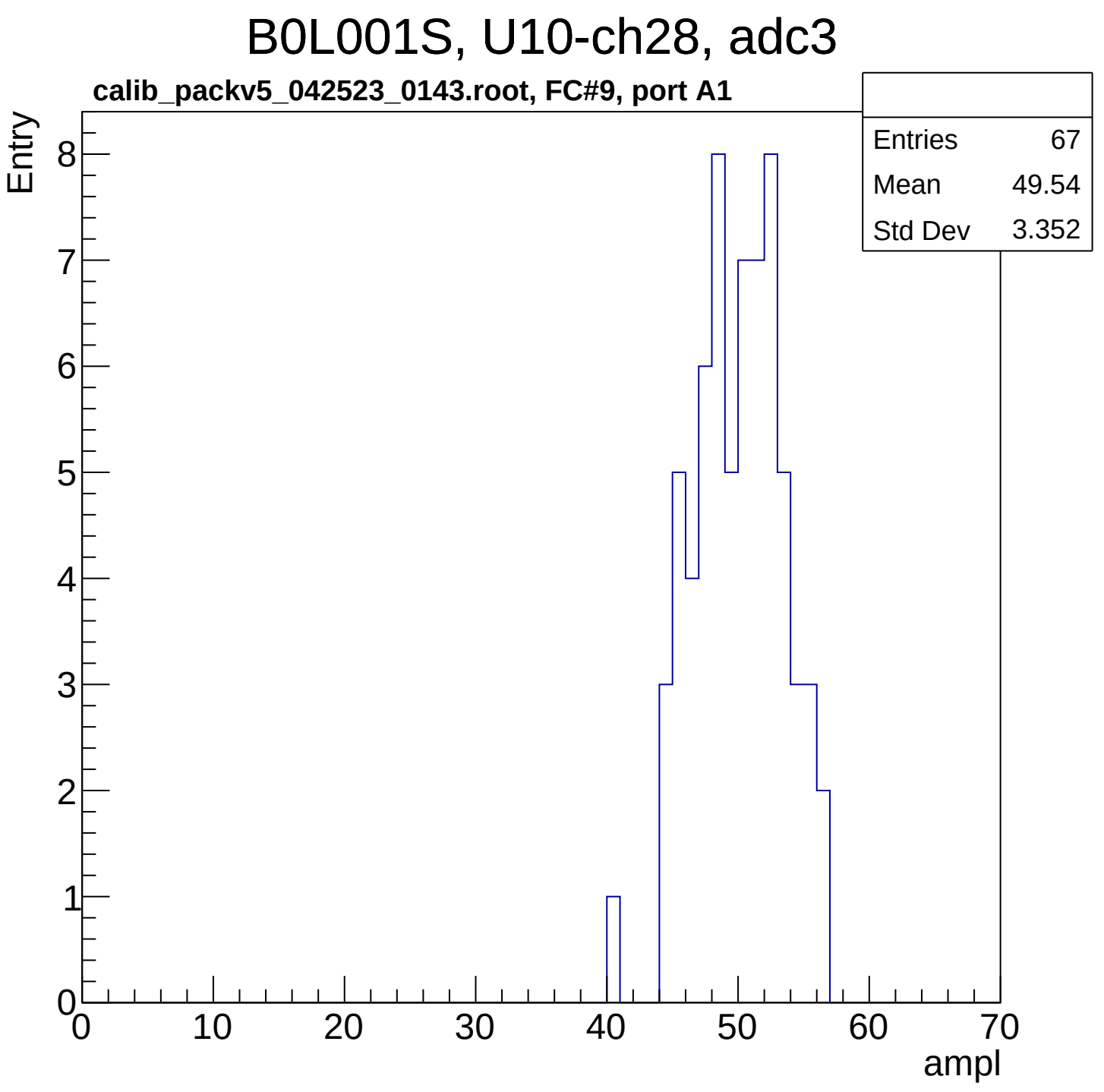

B0L001S, U10-ch27, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 52.5
Std Dev 23.48
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

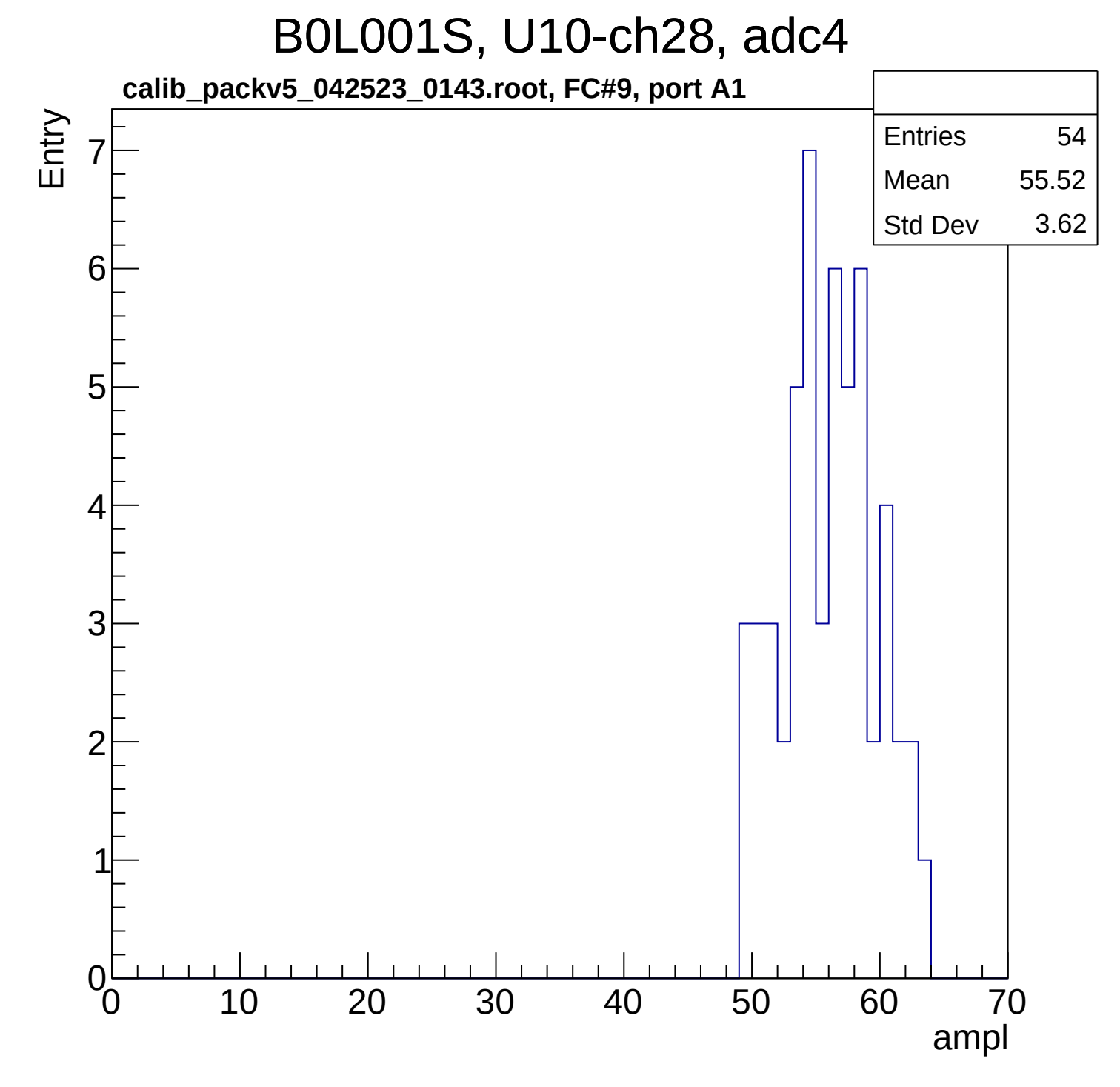

B0L001S, U10-ch27, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

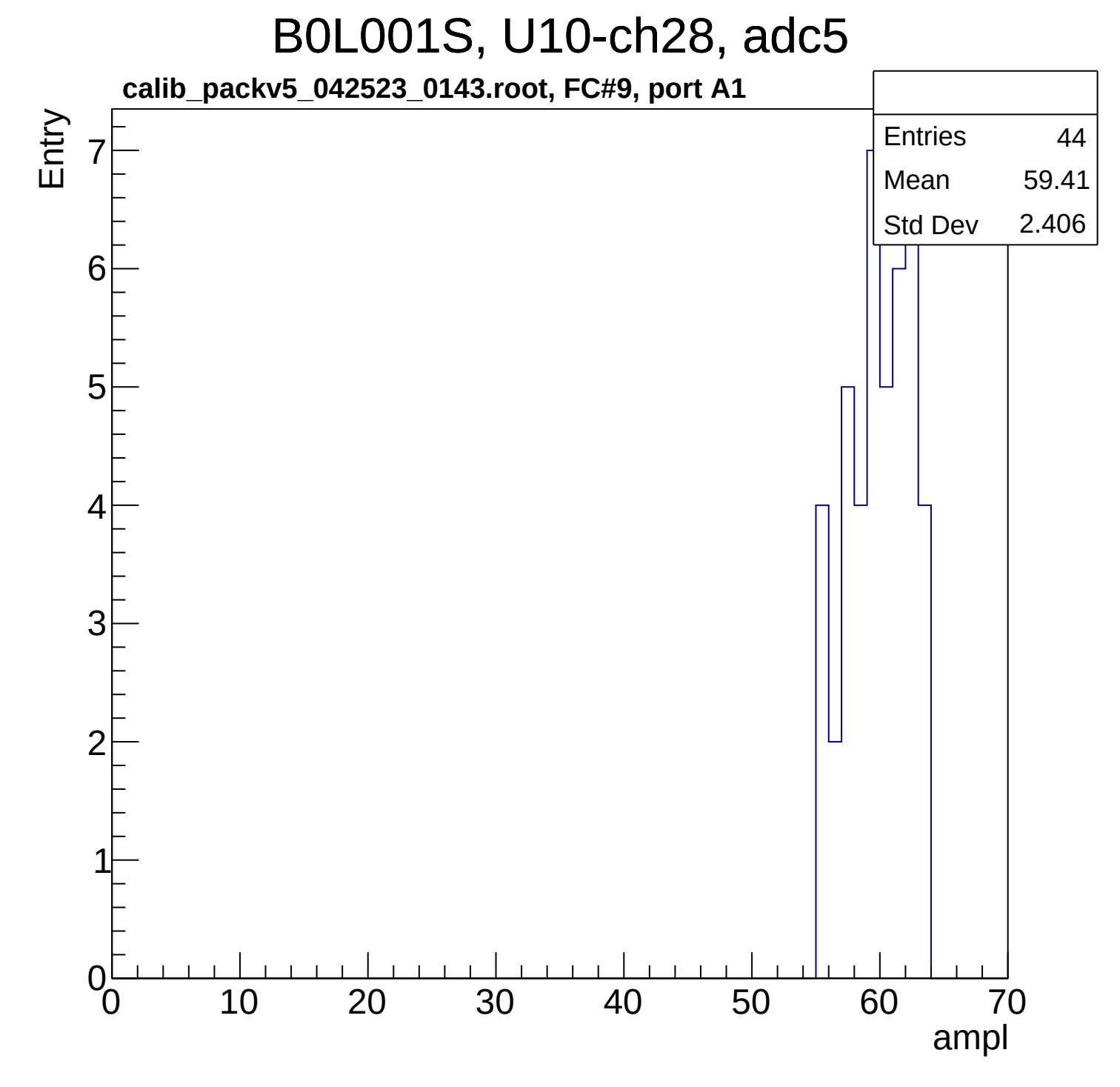

B0L001S, U10-ch28, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 28.63
Std Dev 3.299
Gaus mean : 28.7549
Gaus Width: 2.9300
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

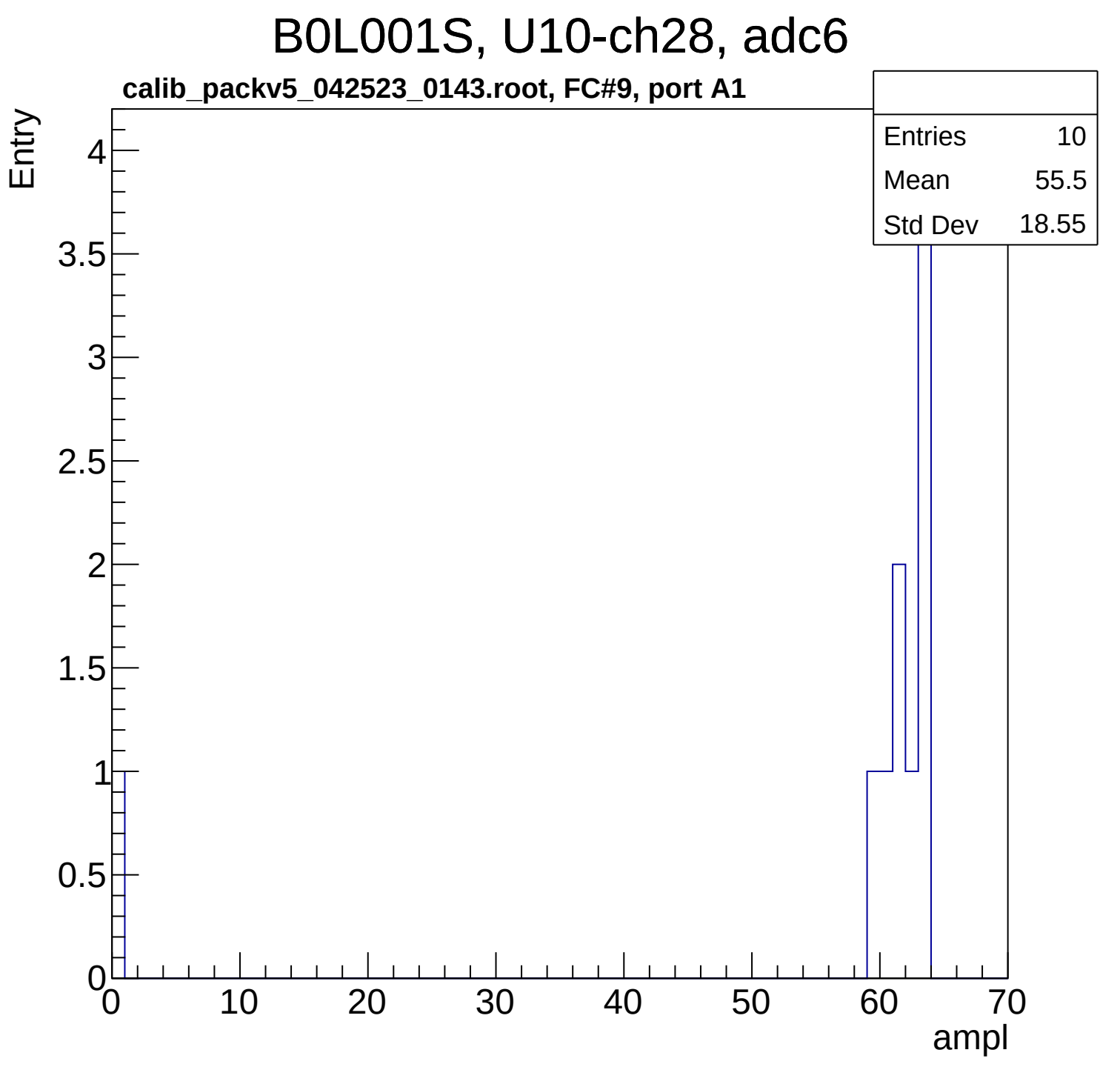

B0L001S, U10-ch28, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 35.16
Std Dev 3.711
Gaus mean : 35.7758
Gaus Width: 3.9682
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

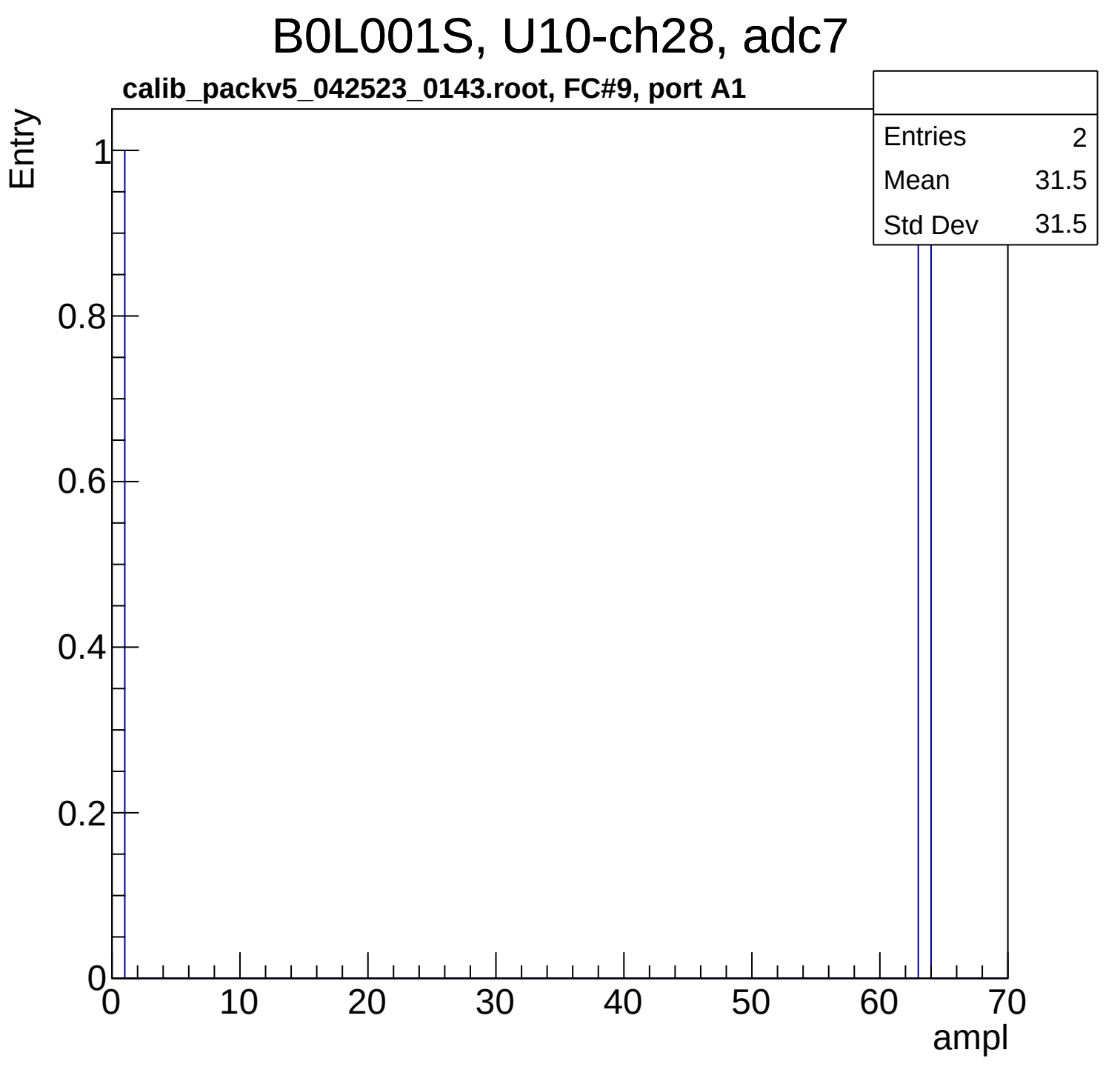

B0L001S, U10-ch28, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 42.52
Std Dev 3.266
Gaus mean : 43.2467
Gaus Width: 3.6439
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch28, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 49.54
Std Dev 3.352
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch28, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 55.52
Std Dev 3.62
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch28, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 59.41
Std Dev 2.406
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch28, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 10
Mean 55.5
Std Dev 18.55
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B0L001S, U10-ch28, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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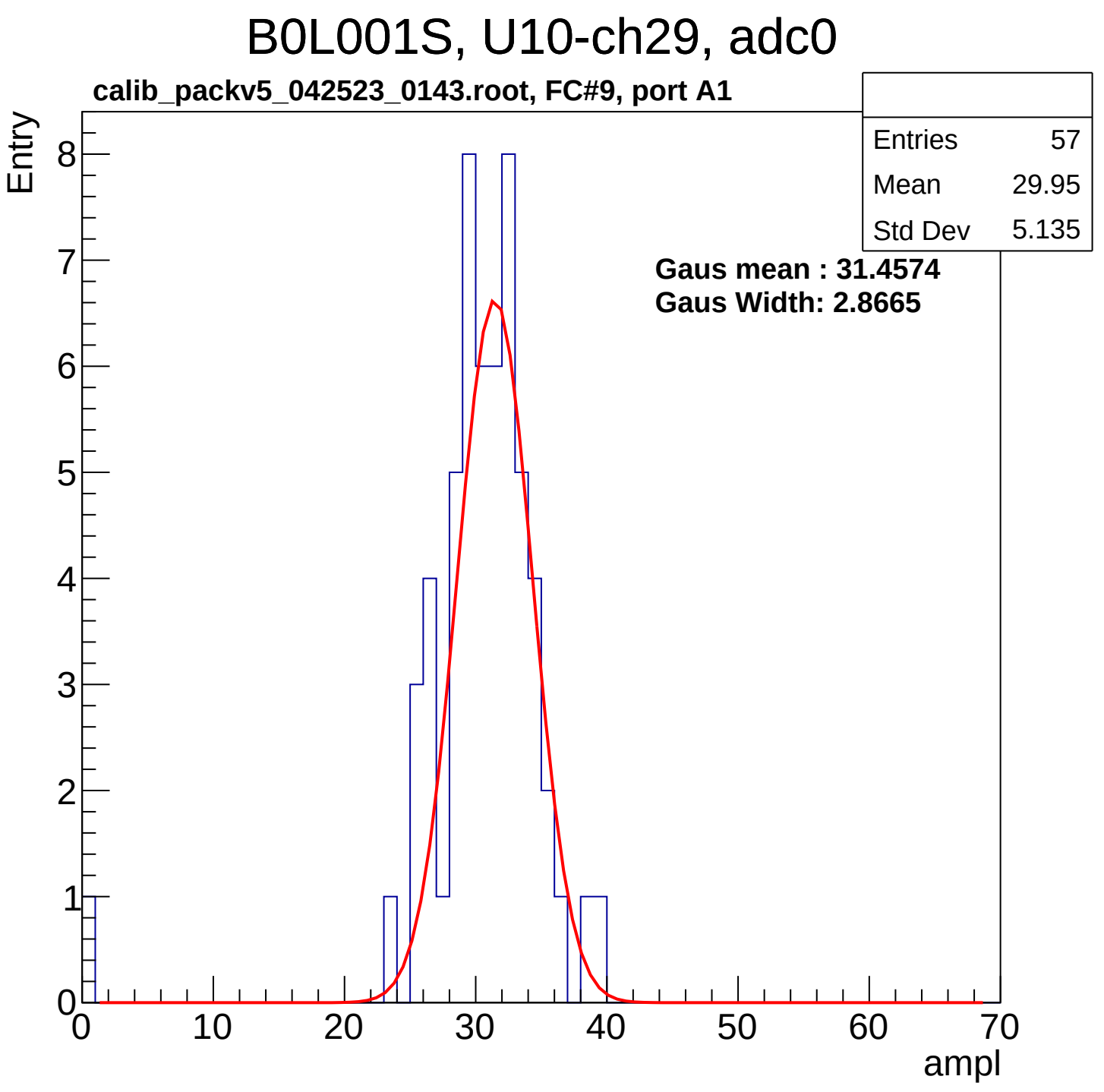
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch29, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 29.95
Std Dev 5.135
Gaus mean : 31.4574
Gaus Width: 2.8665
Entry
ampl
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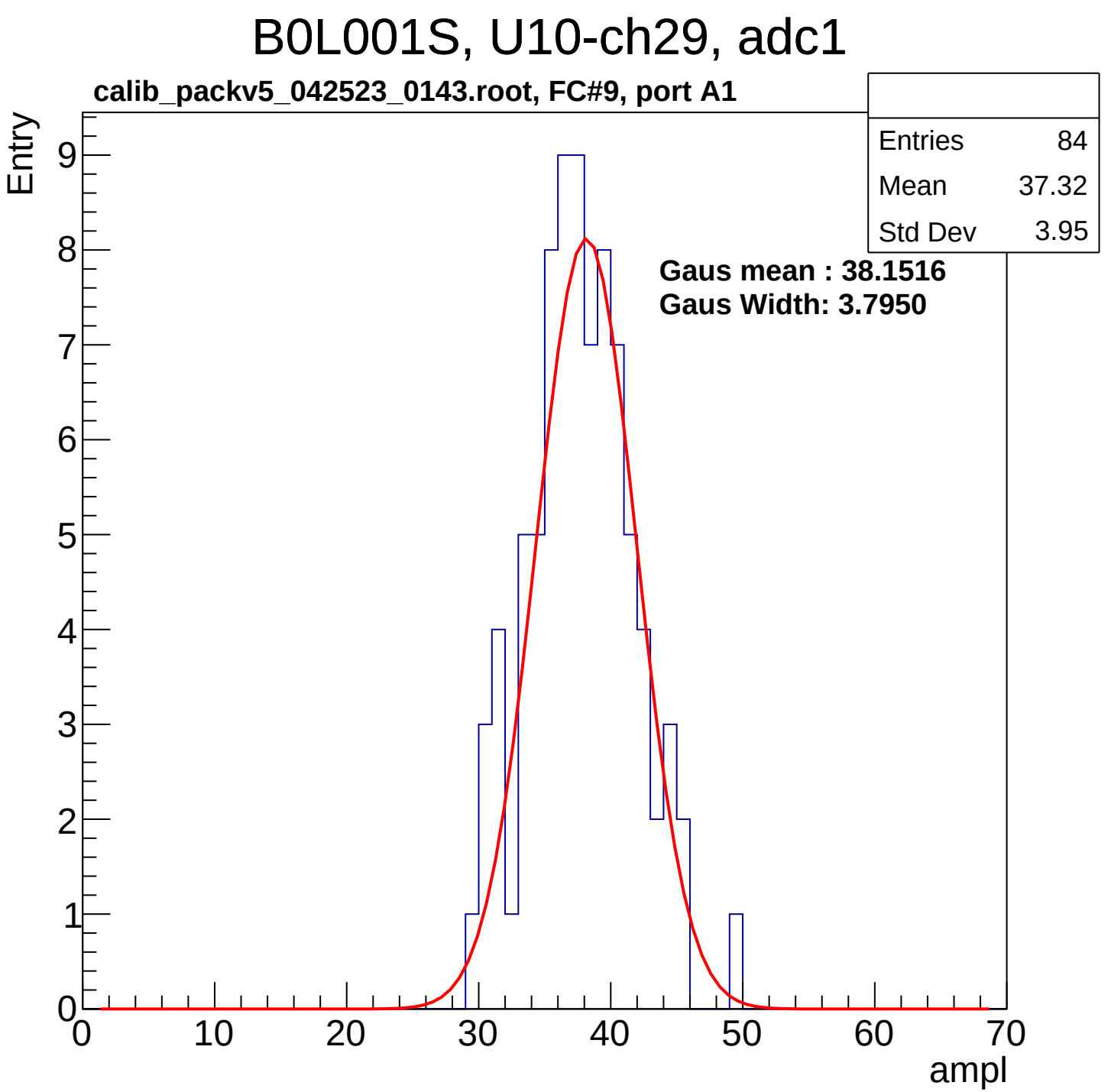
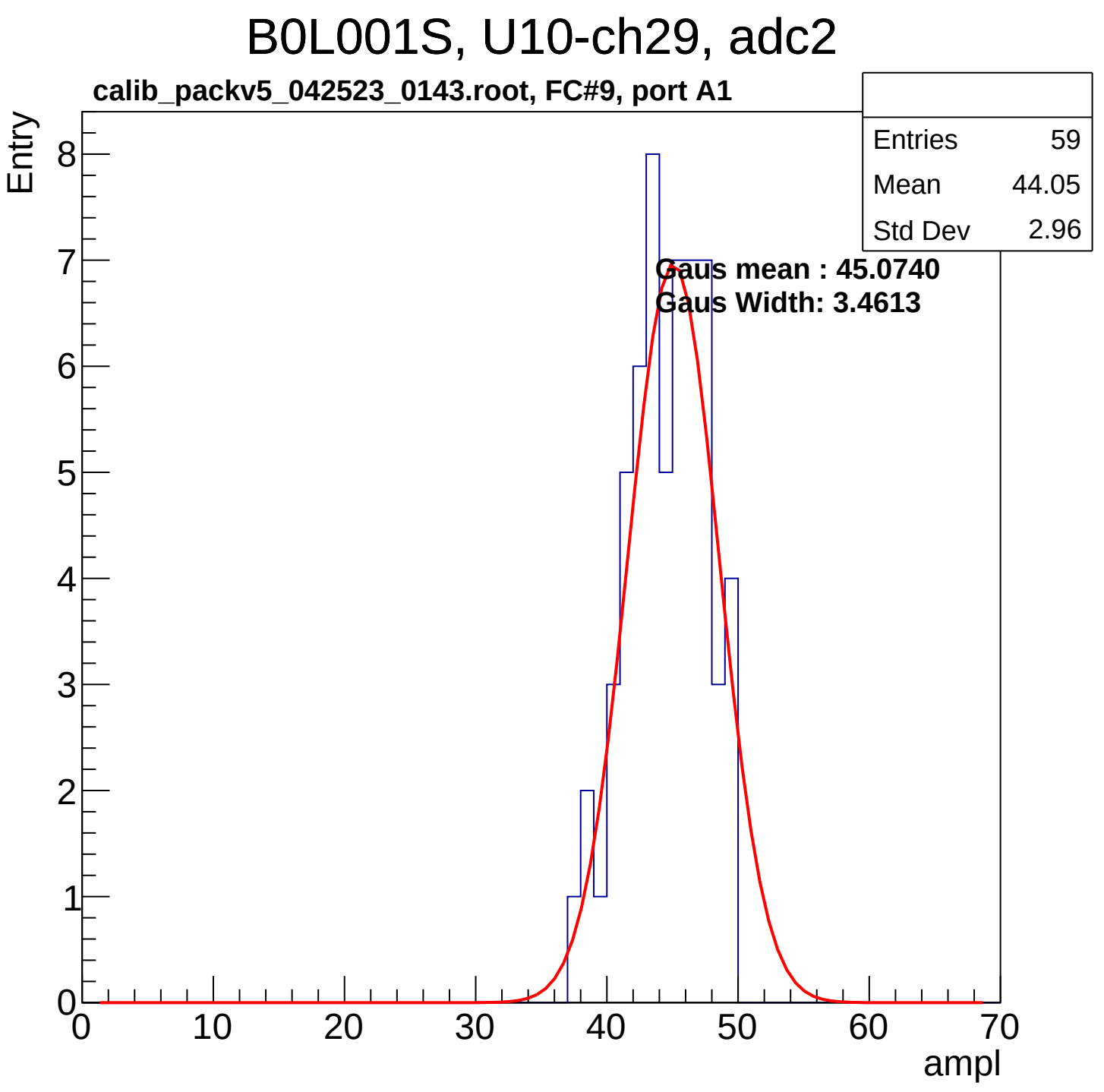
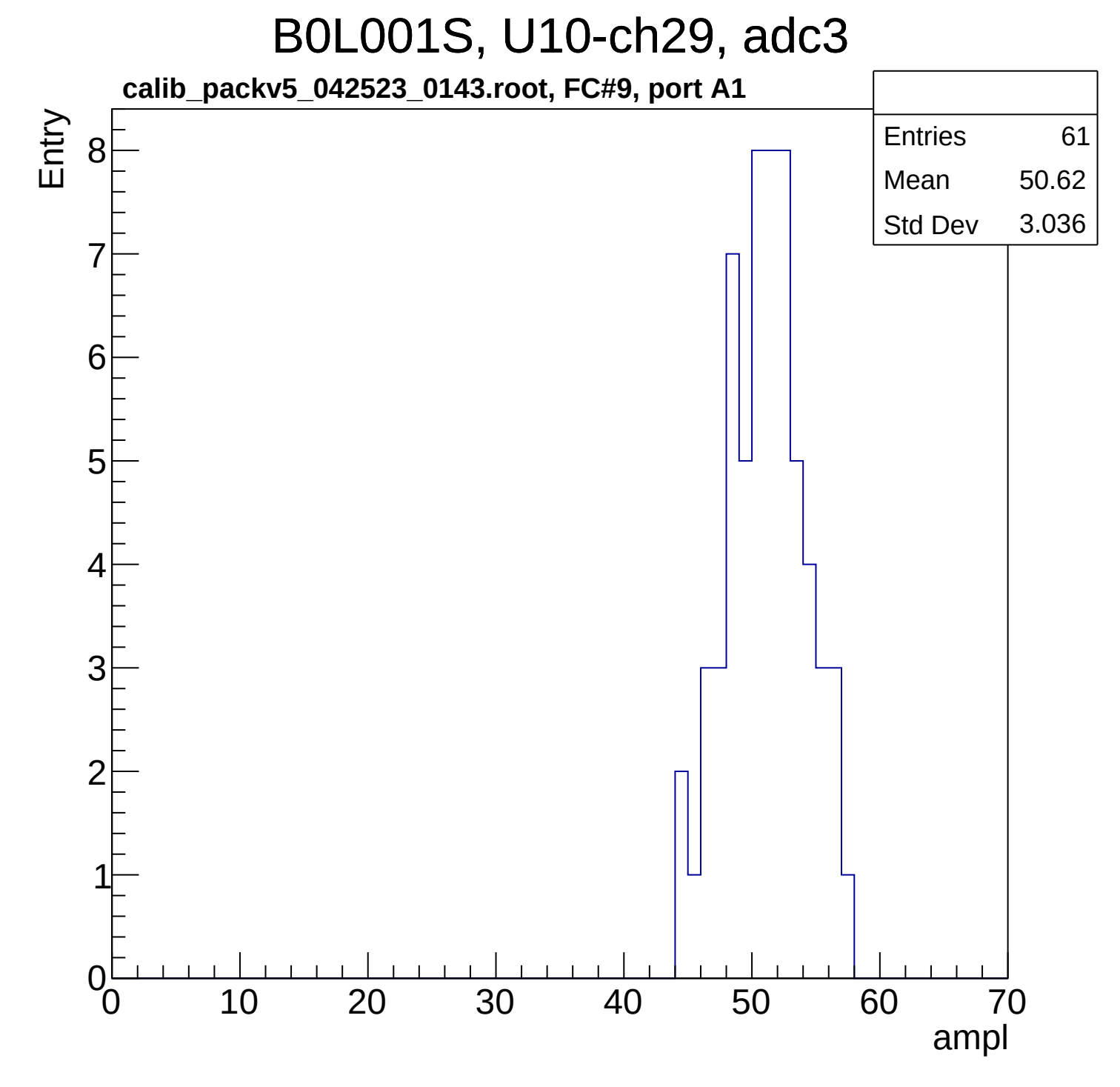
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch29, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 37.32
Std Dev 3.95
Gaus mean : 38.1516
Gaus Width: 3.7950
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch29, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 44.05
Std Dev 2.96
Gaus mean : 45.0740
Gaus Width: 3.4613
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch29, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 50.62
Std Dev 3.036
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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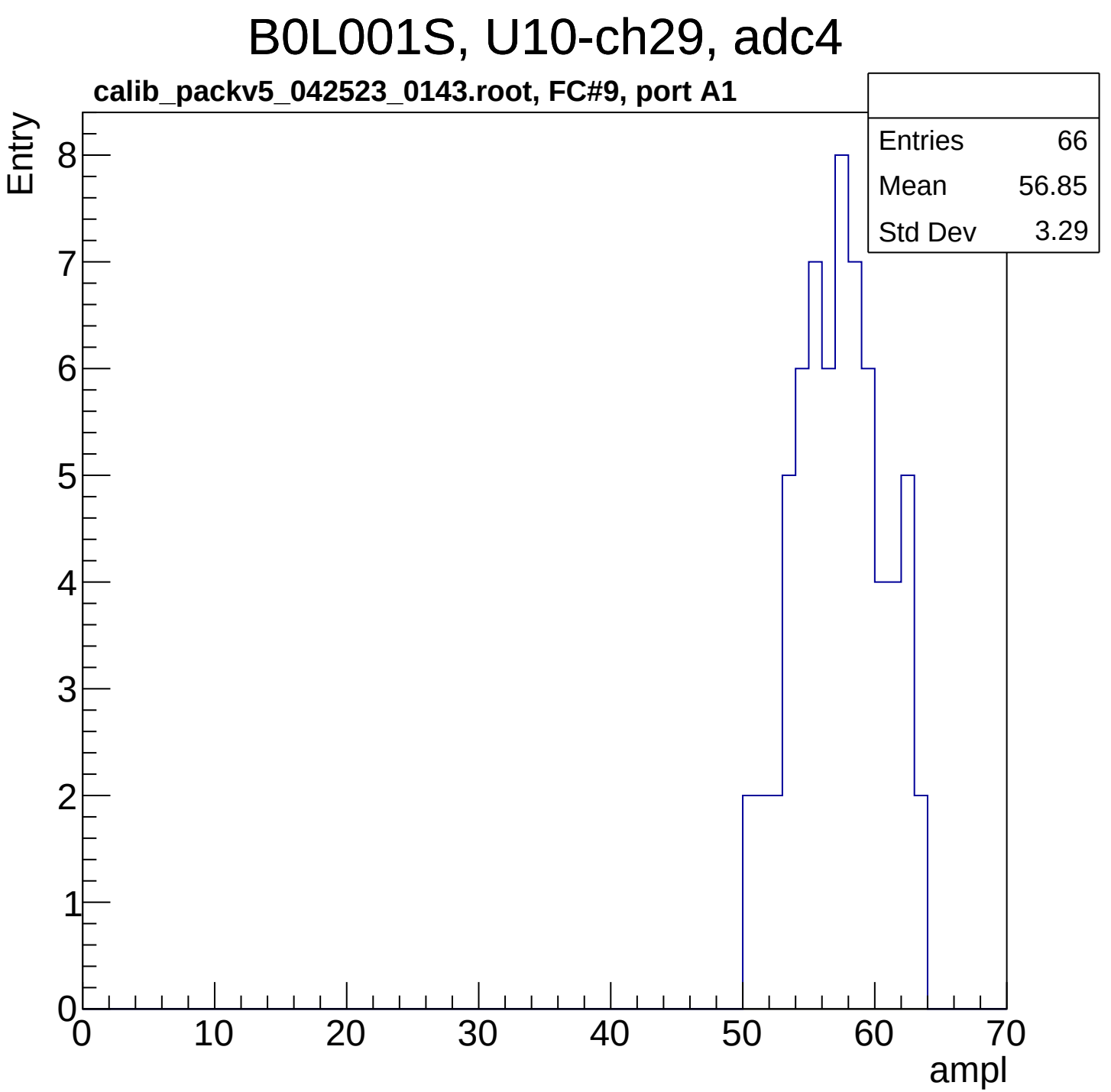
60
70


B0L001S, U10-ch29, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 56.85
Std Dev 3.29
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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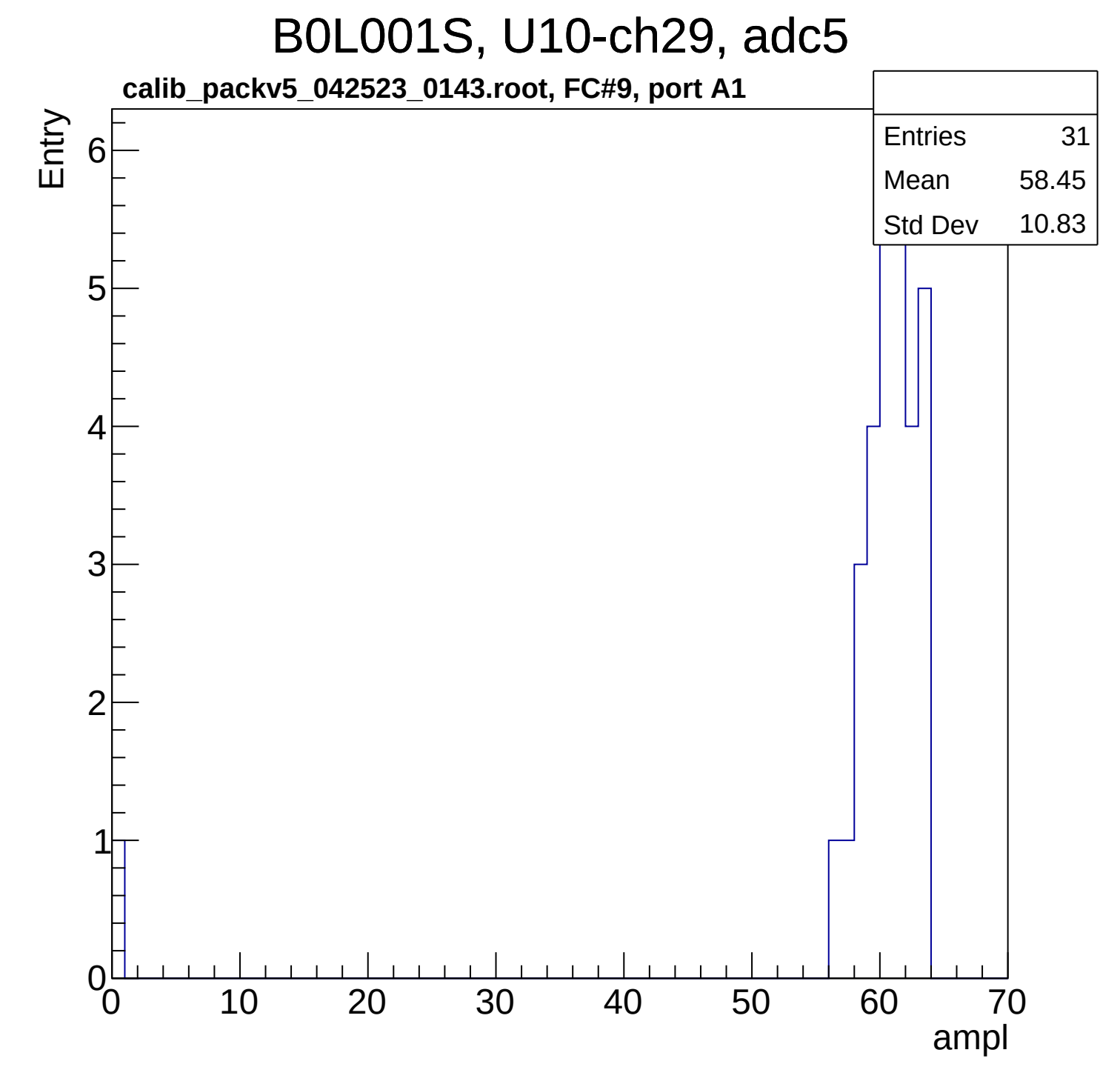
B0L001S, U10-ch29, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 58.45
Std Dev 10.83
Entry
0
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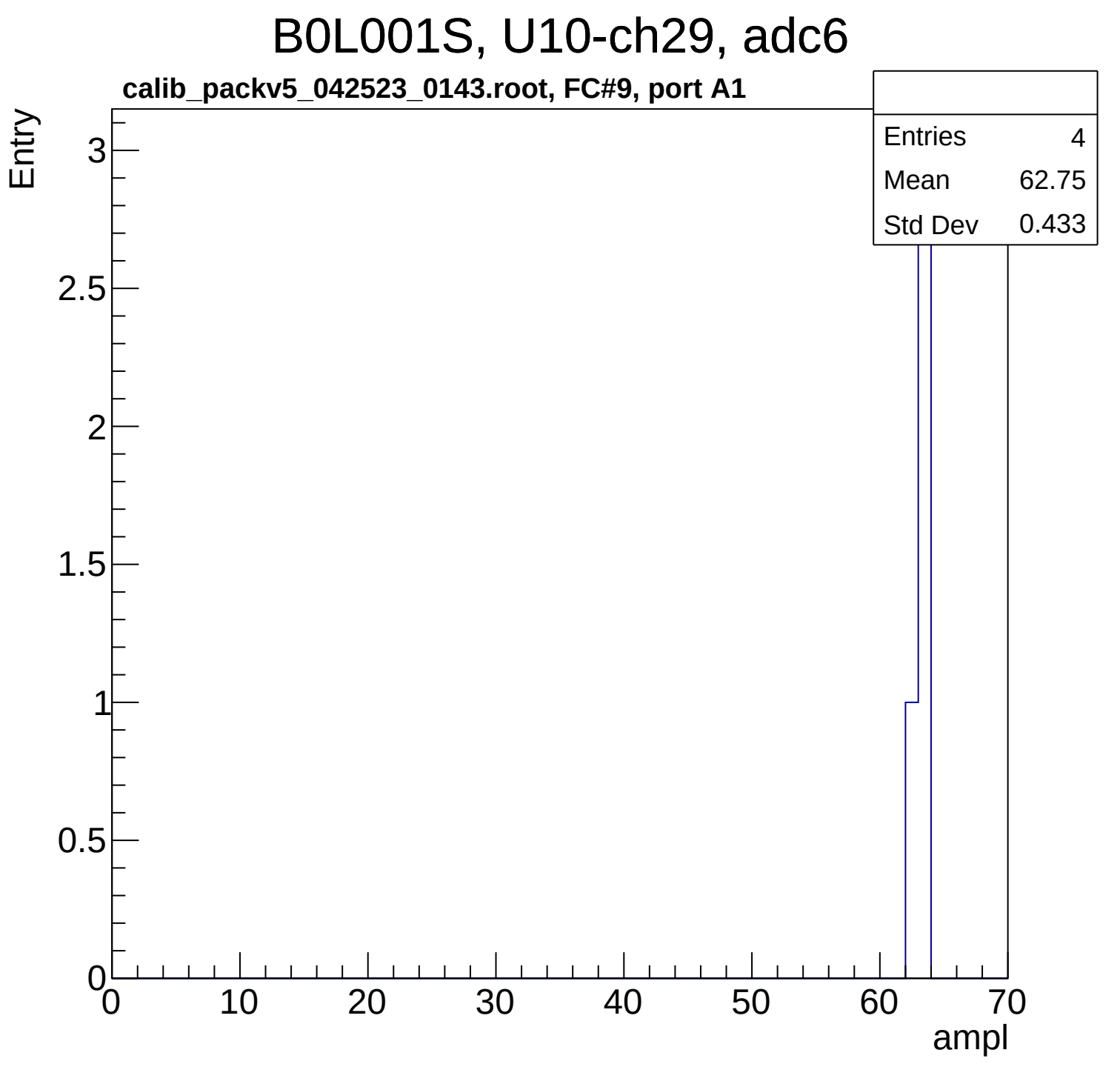
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch29, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
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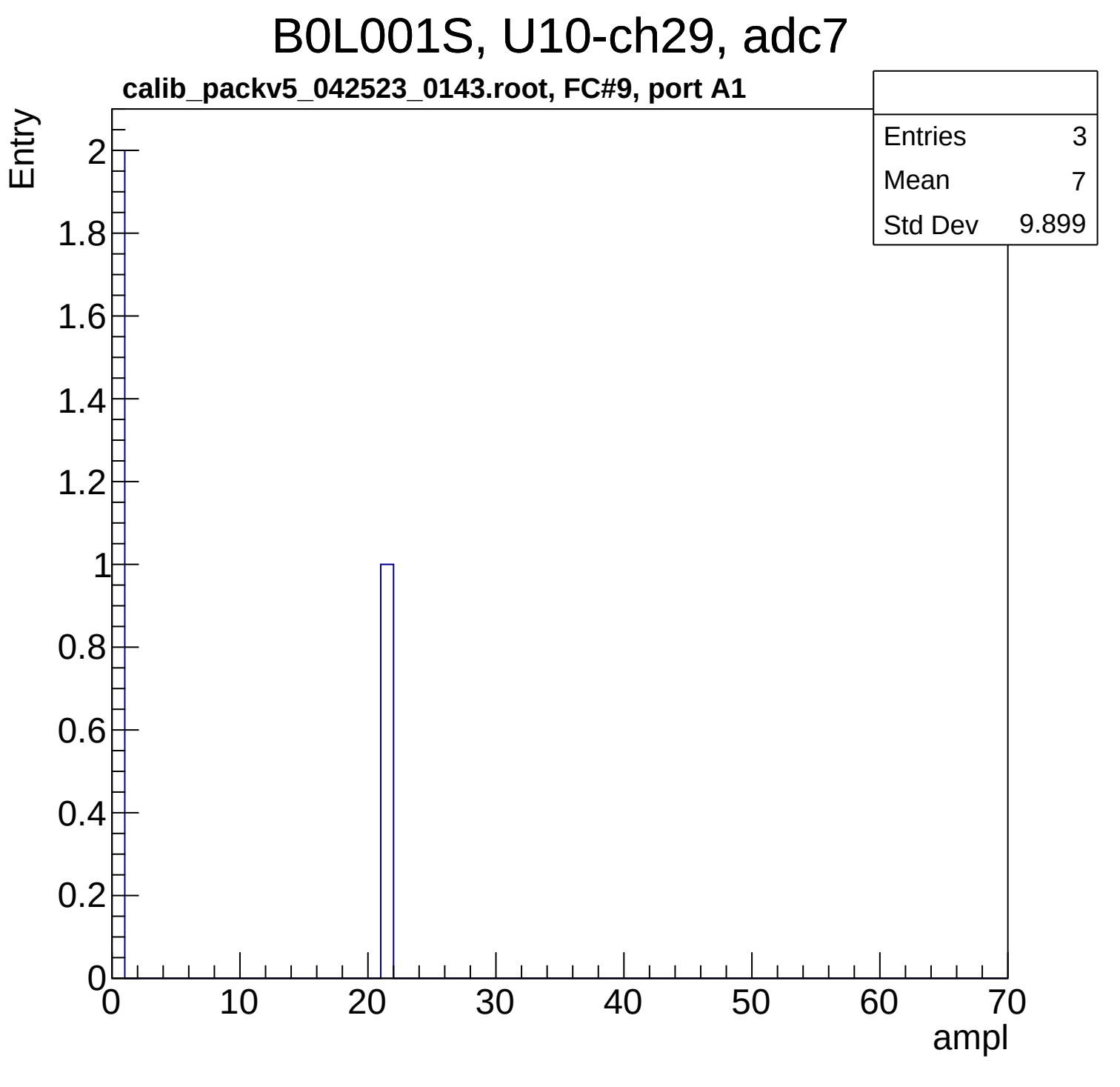
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch29, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7
Std Dev 9.899
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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40
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60
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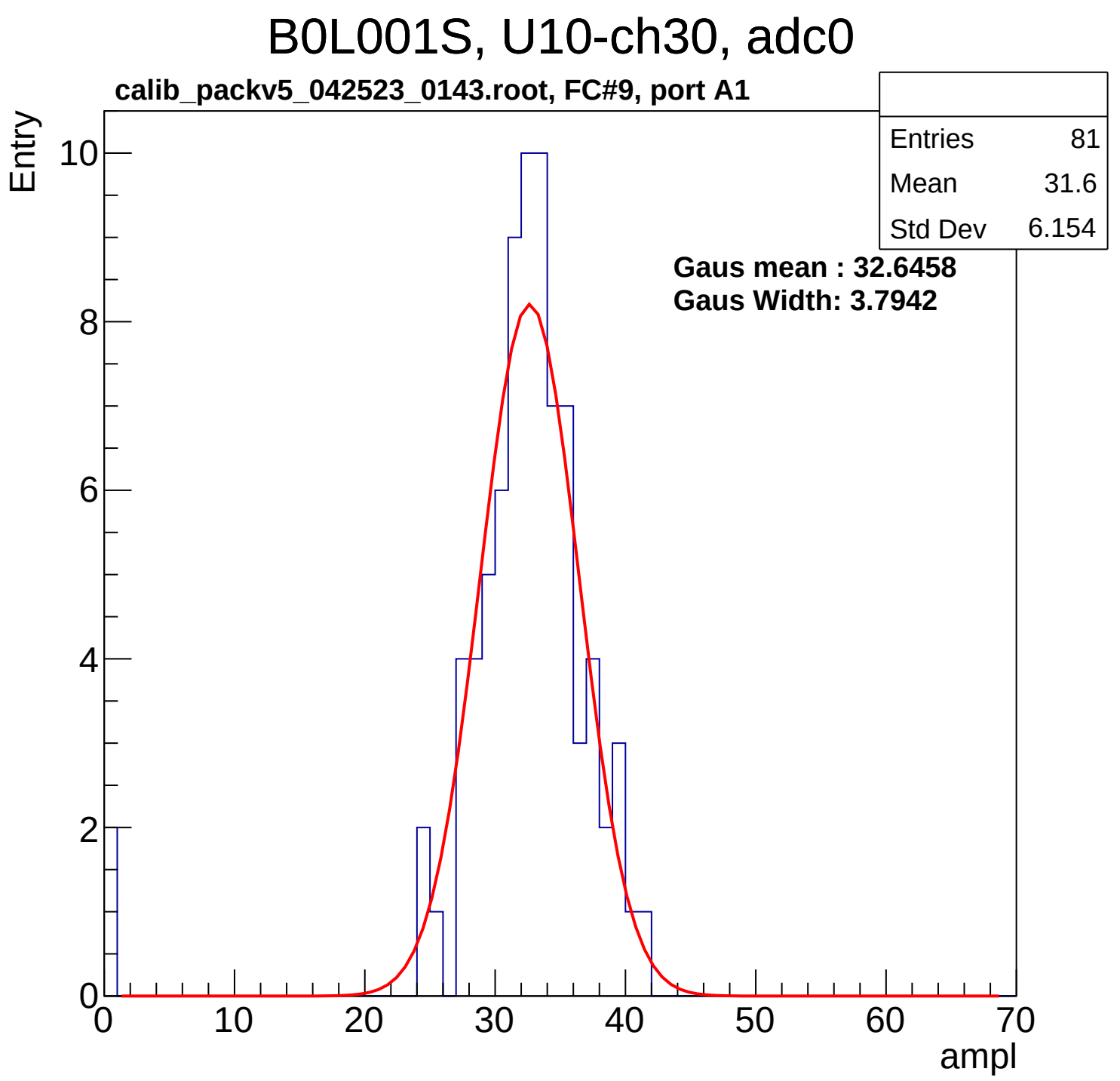
B0L001S, U10-ch30, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 31.6
Std Dev 6.154
Gaus mean : 32.6458
Gaus Width: 3.7942
Entry
ampl
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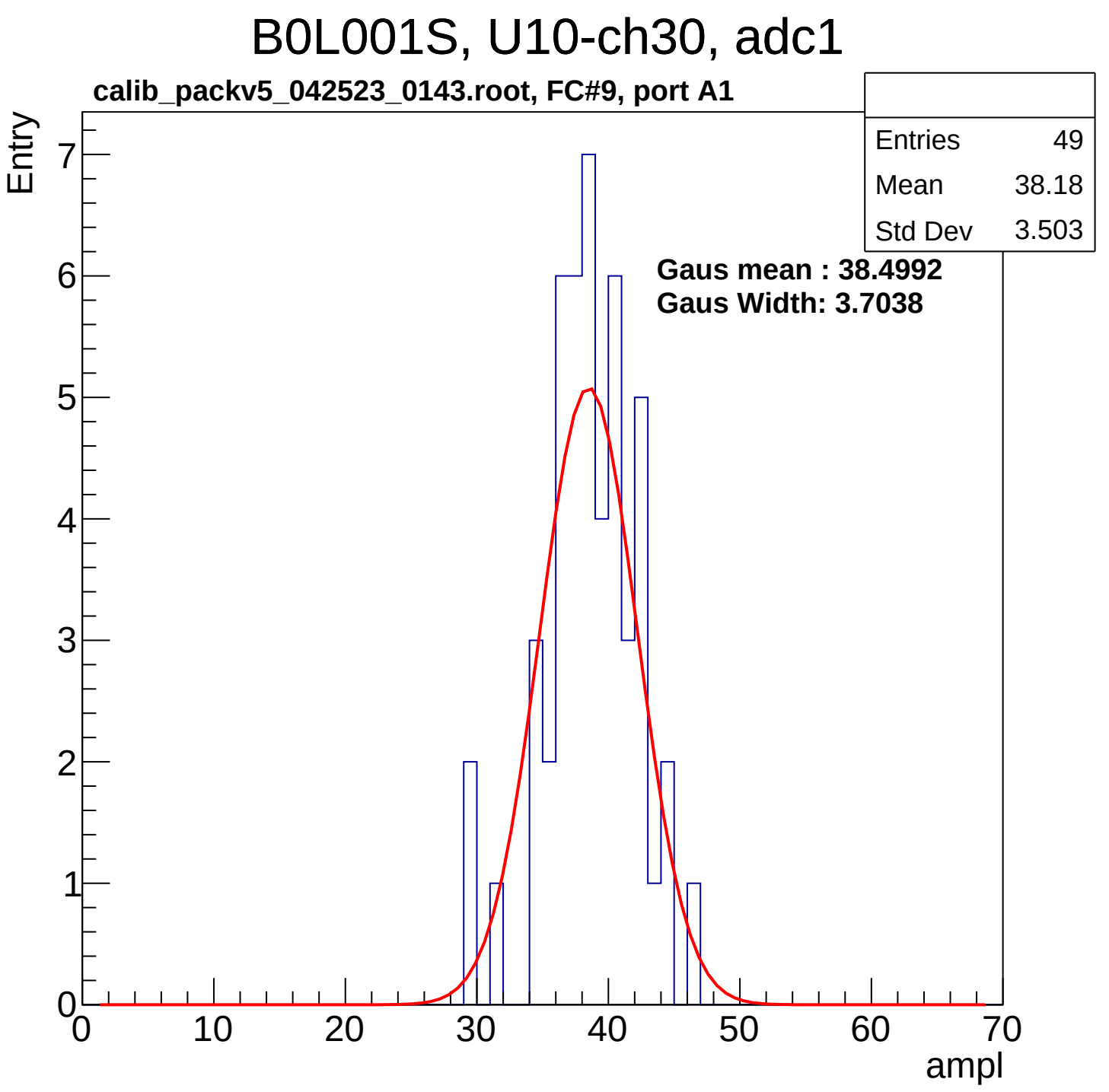
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch30, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 38.18
Std Dev 3.503
Gaus mean : 38.4992
Gaus Width: 3.7038
Entry
ampl
0
1
2
3
4
5
6
7
0
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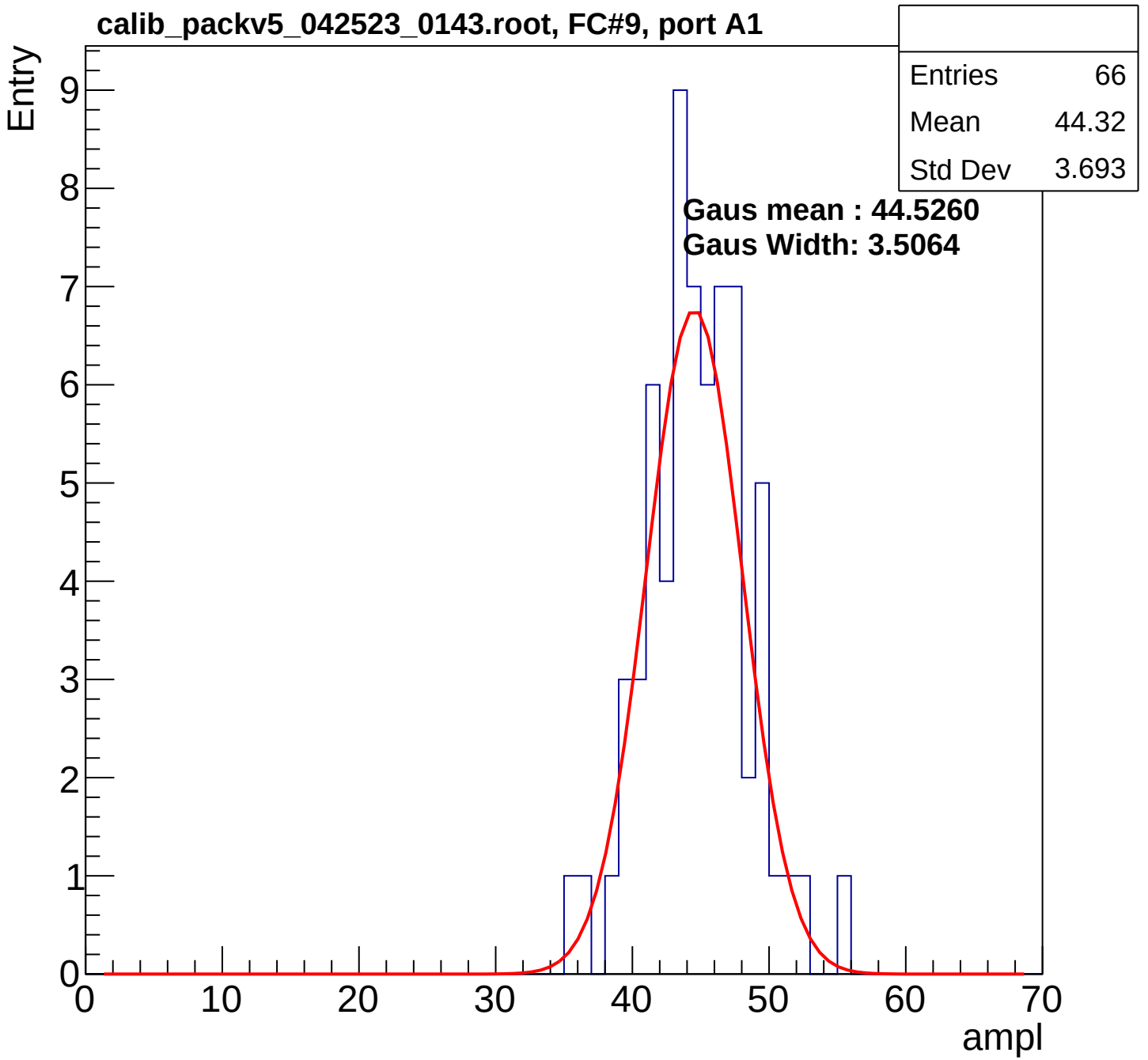
20
30
40
50
60
70


B0L001S, U10-ch30, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 44.32
Std Dev 3.693
Gaus mean : 44.5260
Gaus Width: 3.5064
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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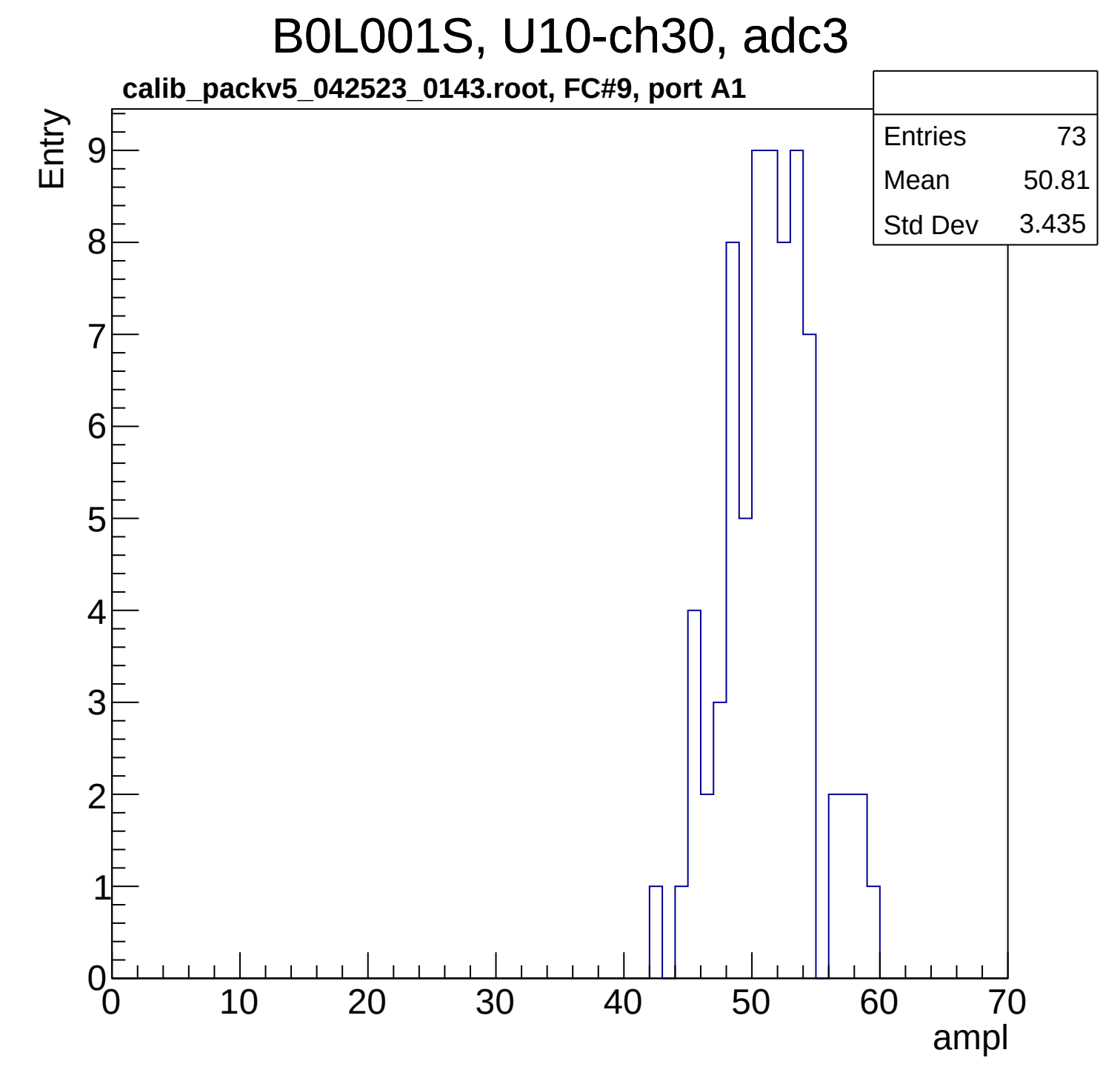
B0L001S, U10-ch30, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 50.81
Std Dev 3.435
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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40
50
60
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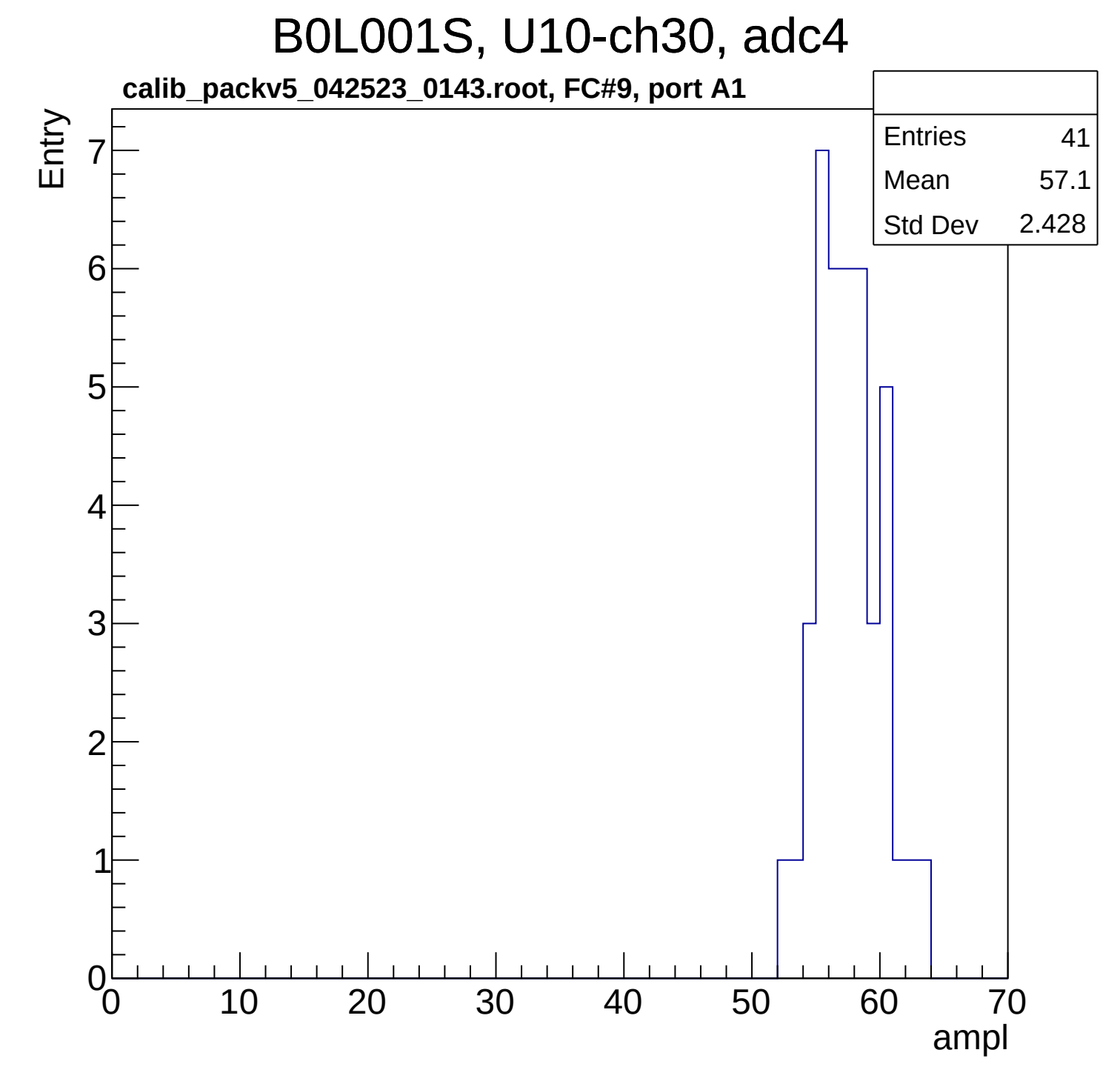
B0L001S, U10-ch30, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 57.1
Std Dev 2.428
Entry
ampl
0
1
2
3
4
5
6
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0
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20
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40
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60
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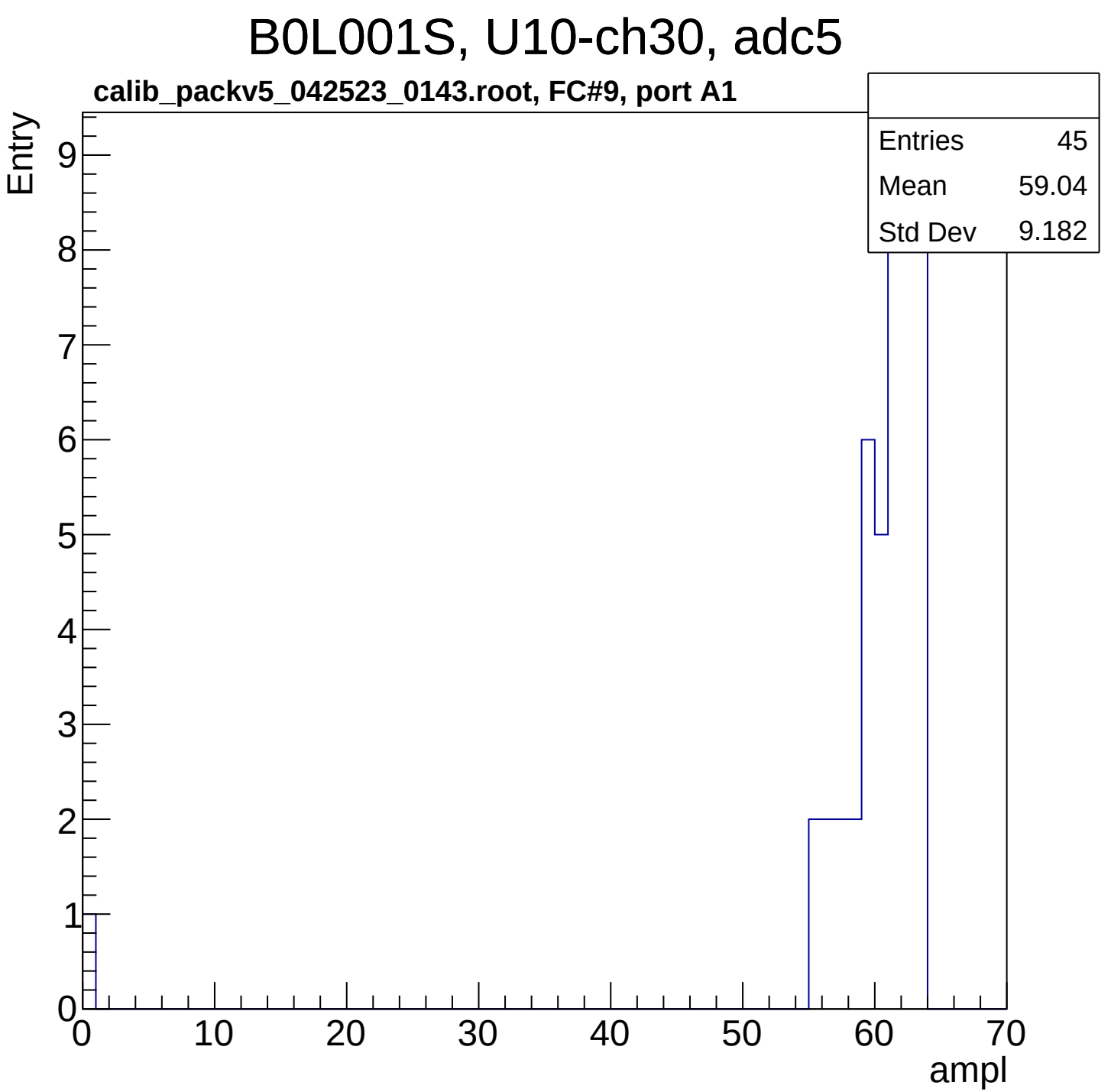
B0L001S, U10-ch30, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 59.04
Std Dev 9.182
Entry
ampl
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2
3
4
5
6
7
8
9
0
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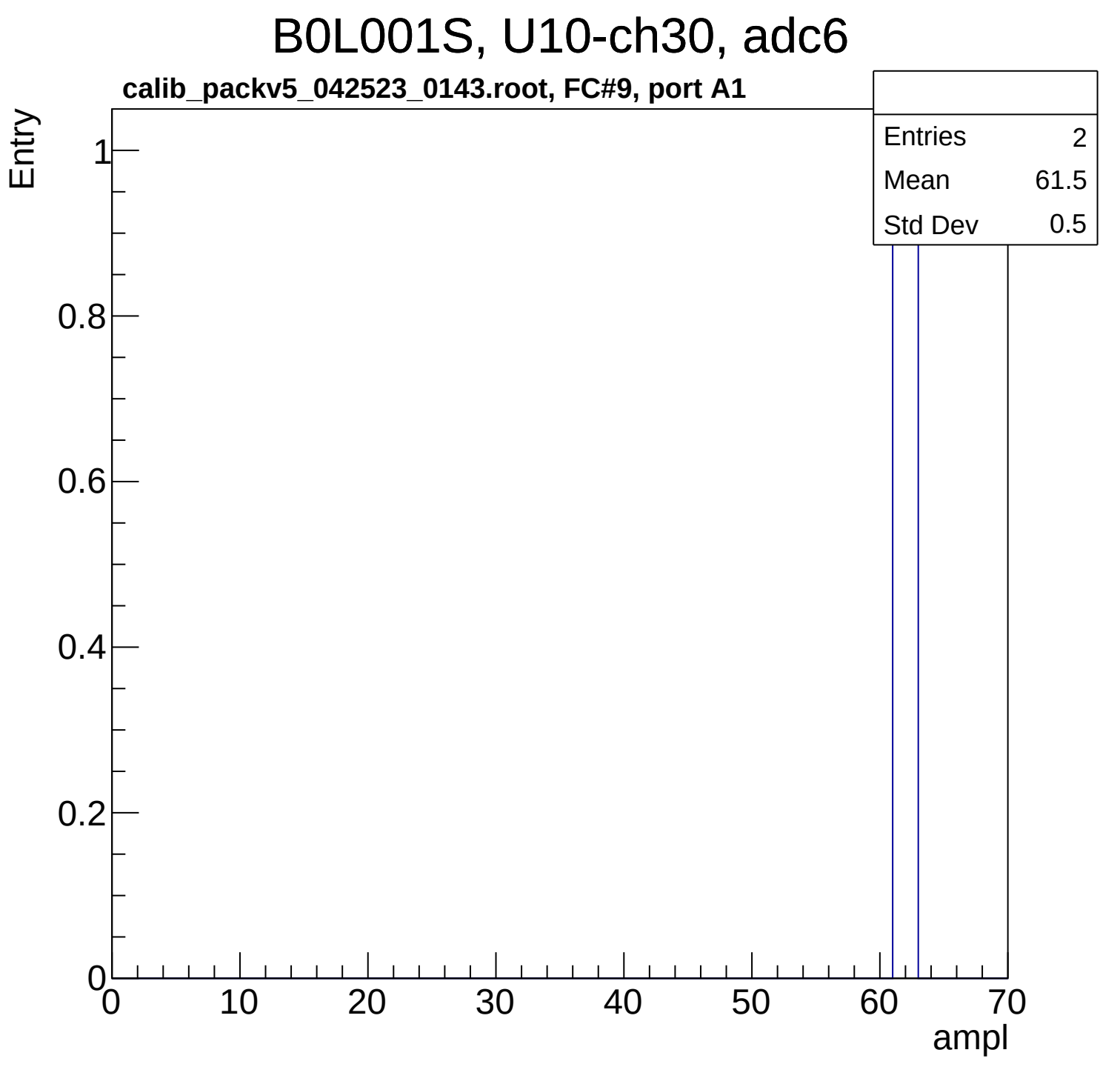
B0L001S, U10-ch30, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 61.5
Std Dev 0.5
Entry
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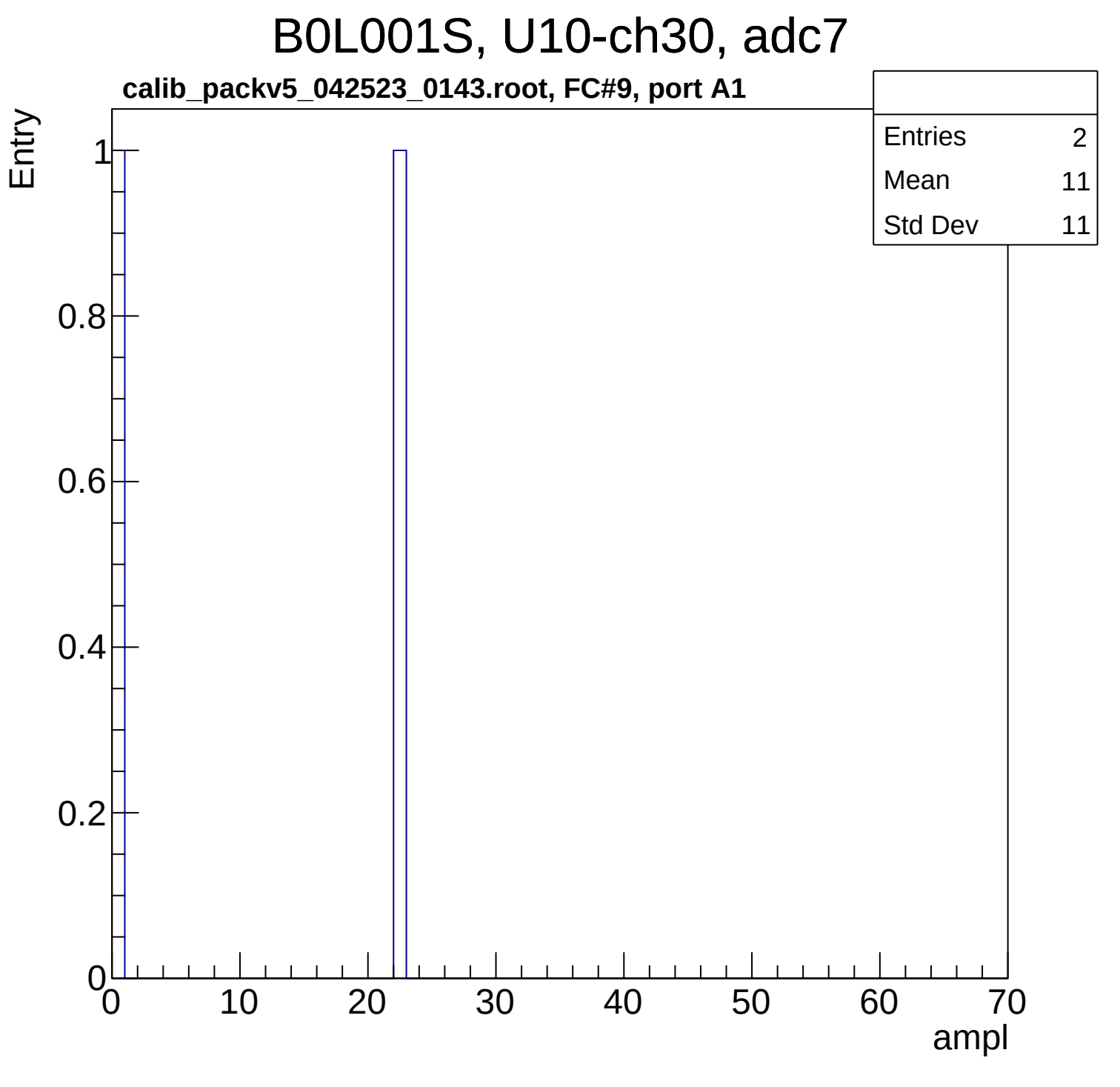
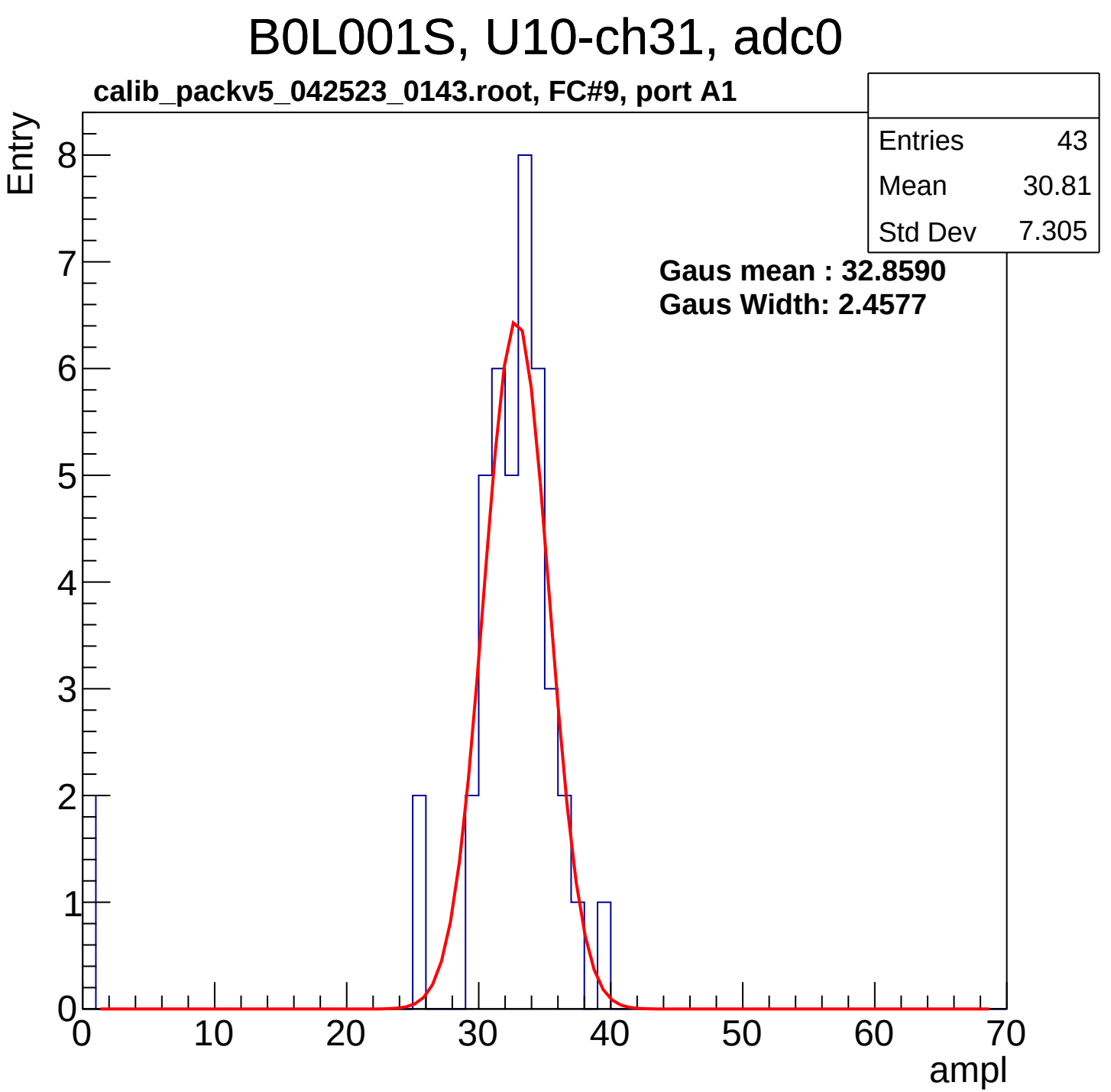
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch30, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch31, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 30.81
Std Dev 7.305
Gaus mean : 32.8590
Gaus Width: 2.4577
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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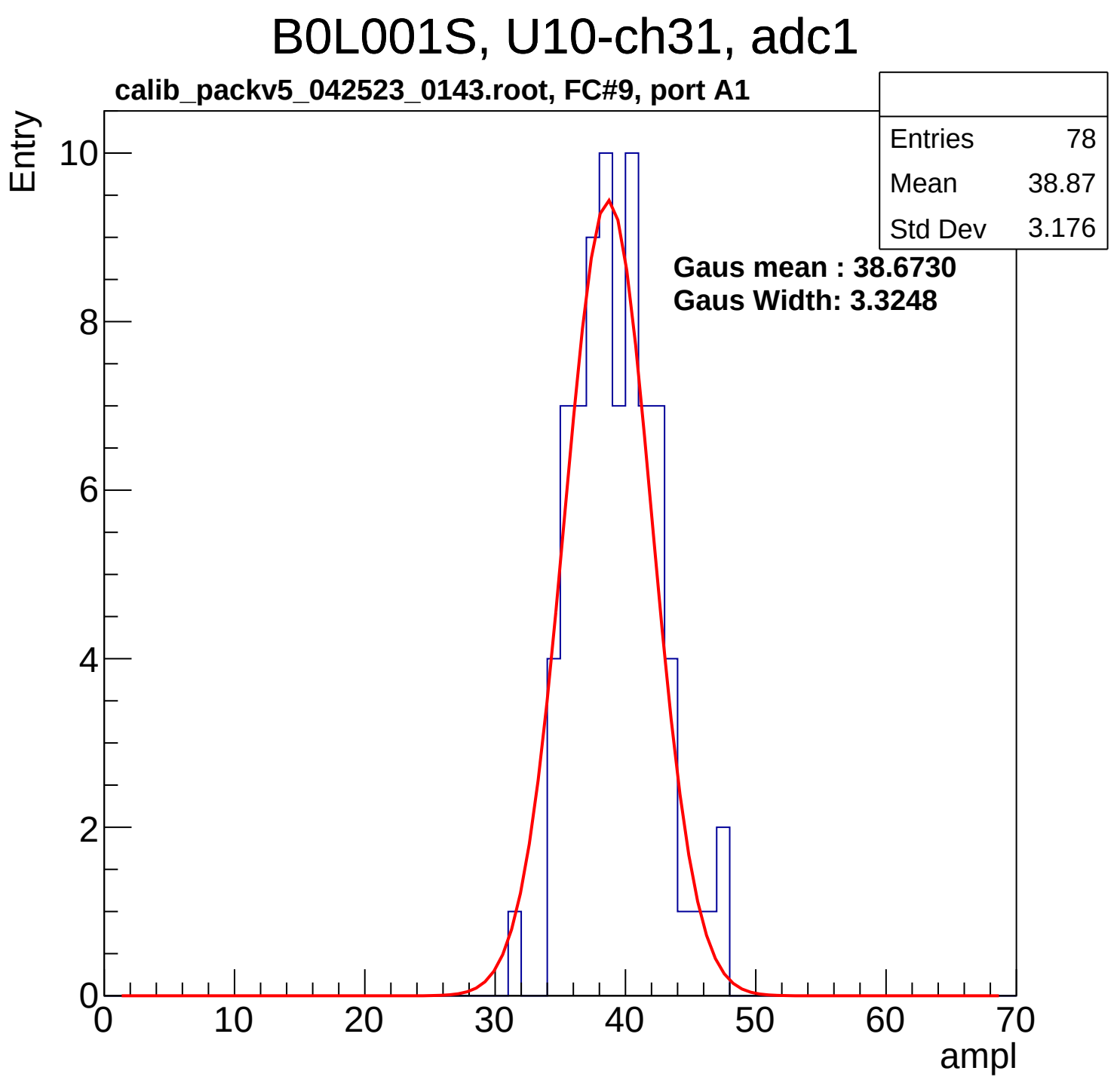
B0L001S, U10-ch31, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 38.87
Std Dev 3.176
Gaus mean : 38.6730
Gaus Width: 3.3248
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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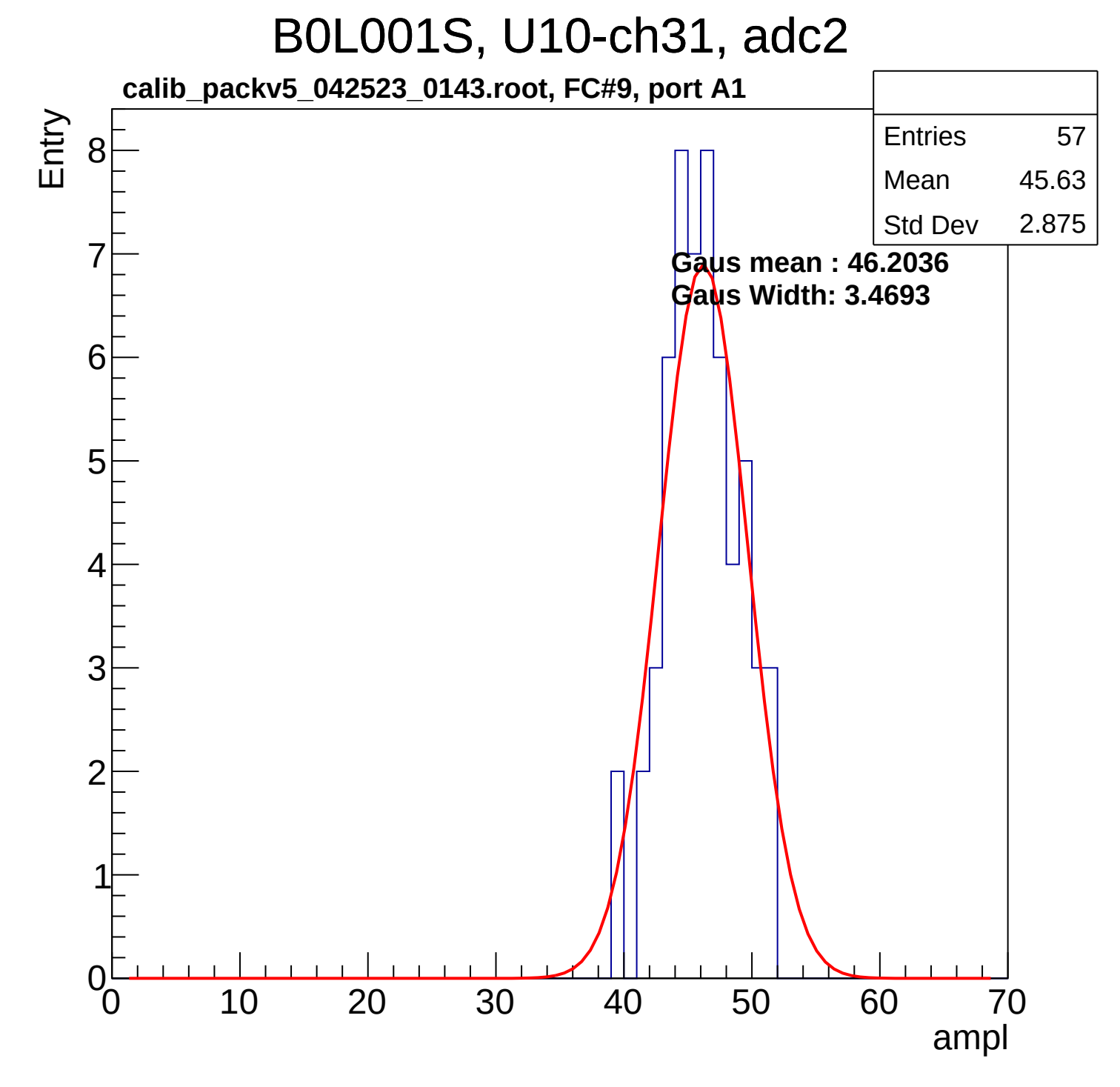
B0L001S, U10-ch31, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 45.63
Std Dev 2.875
Gaus mean : 46.2036
Gaus Width: 3.4693
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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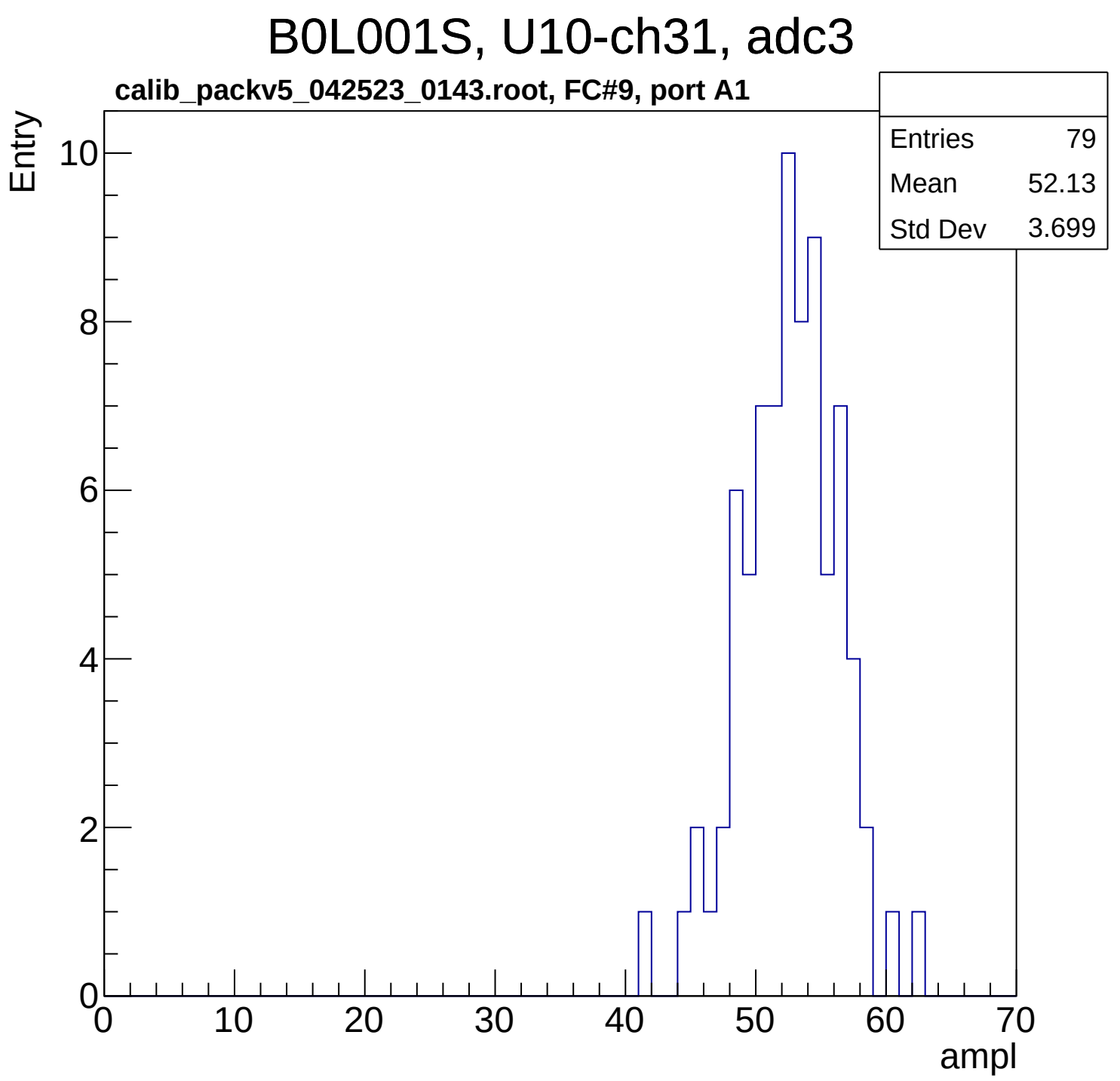
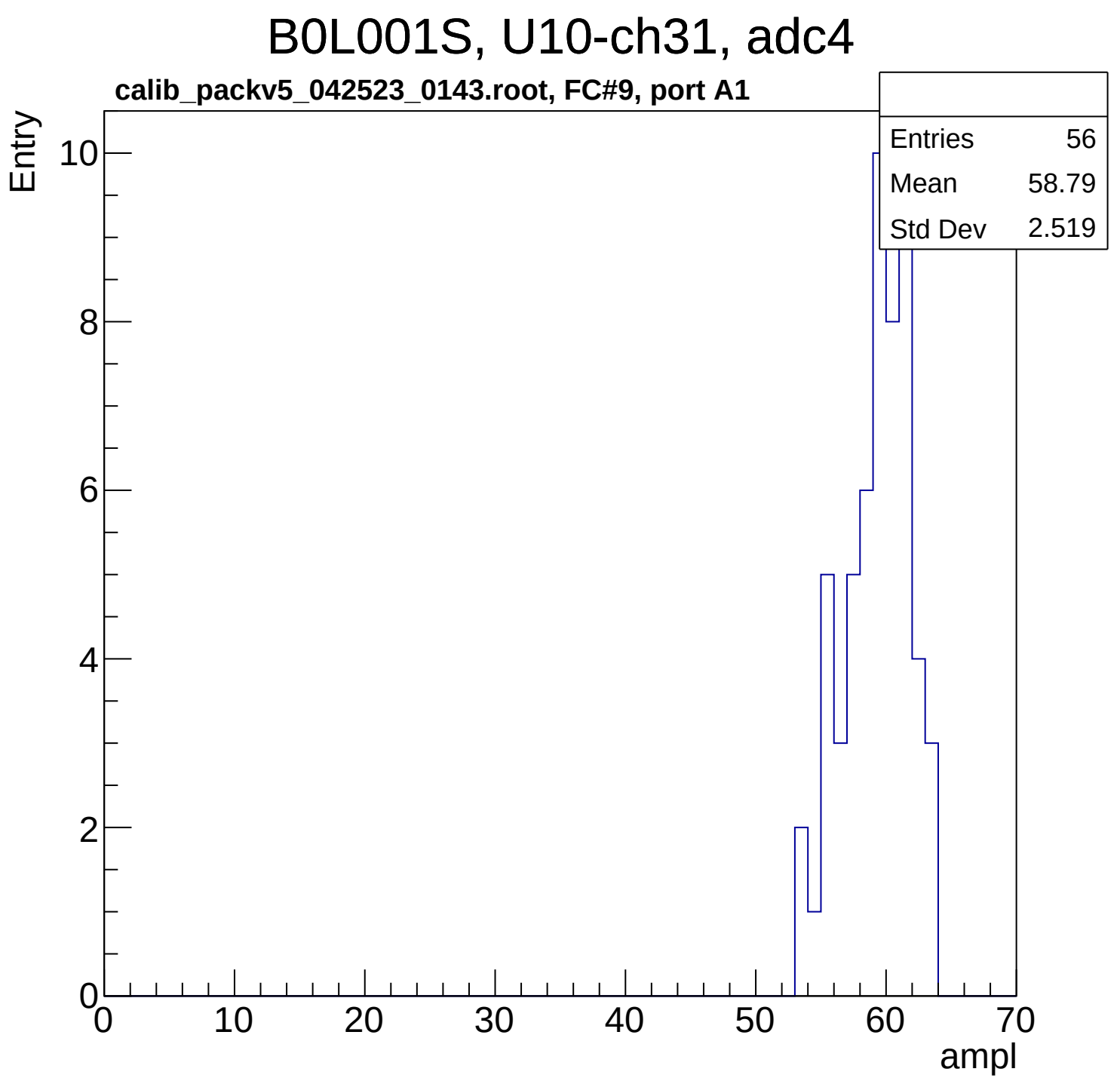
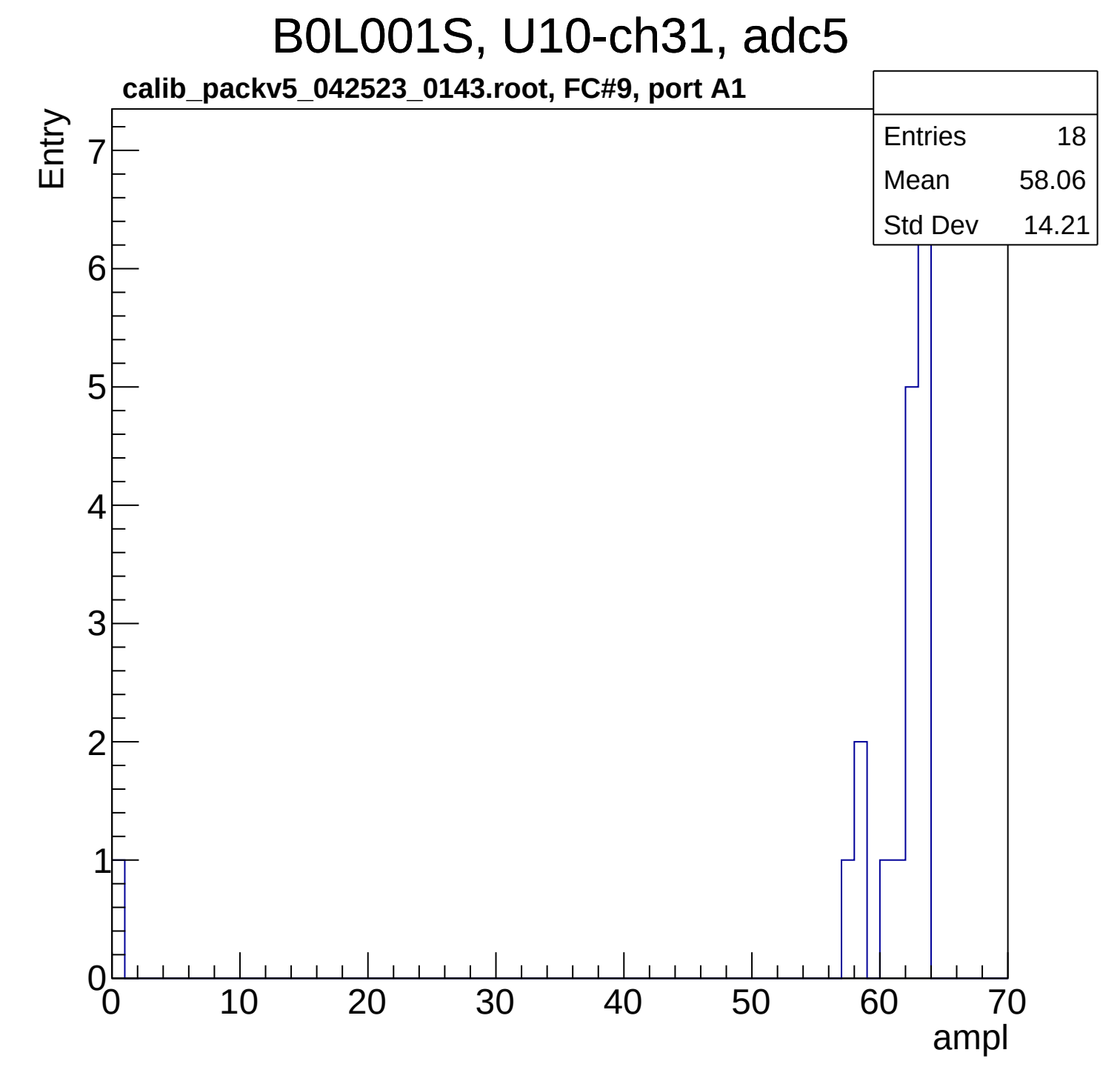
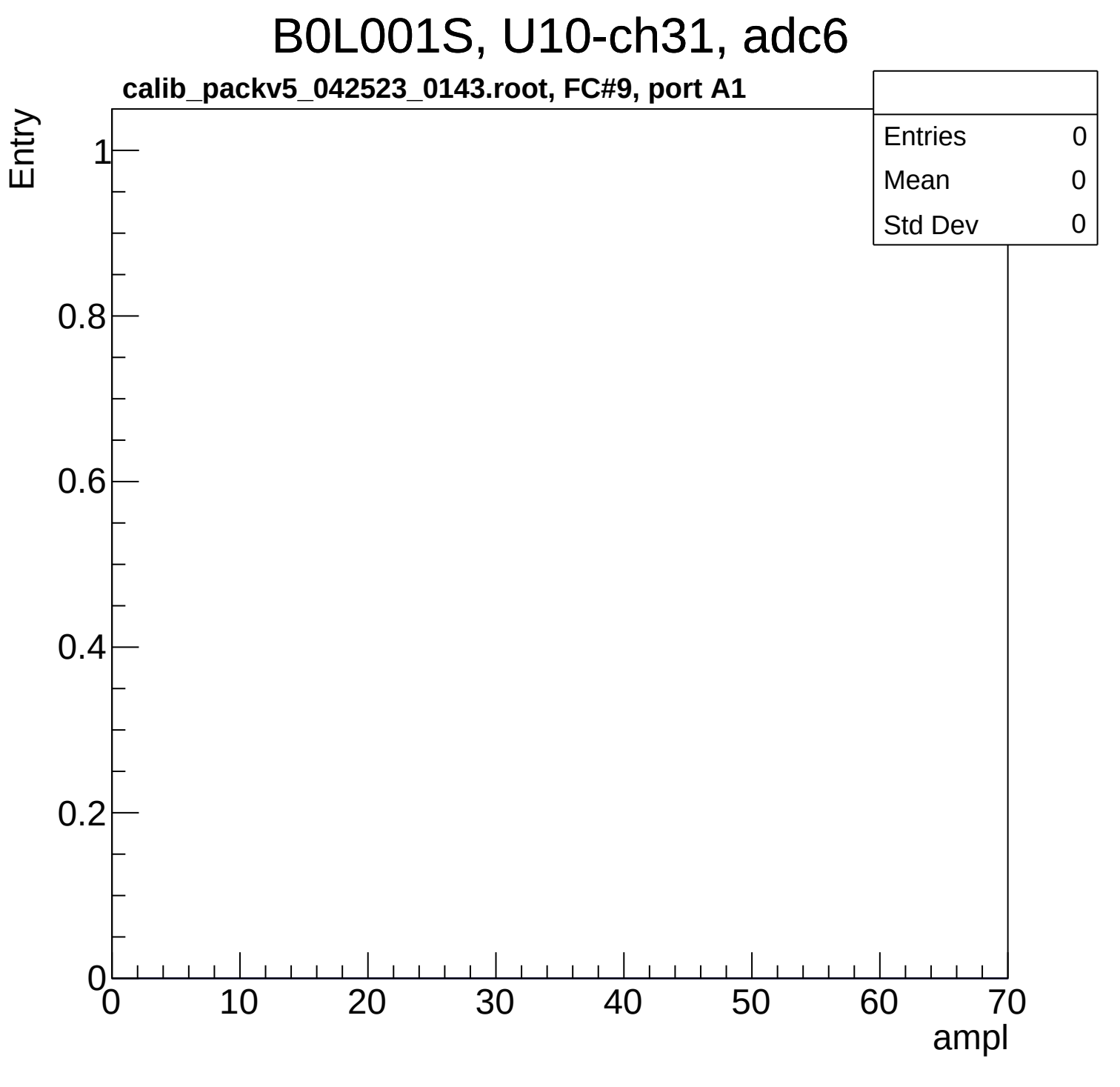
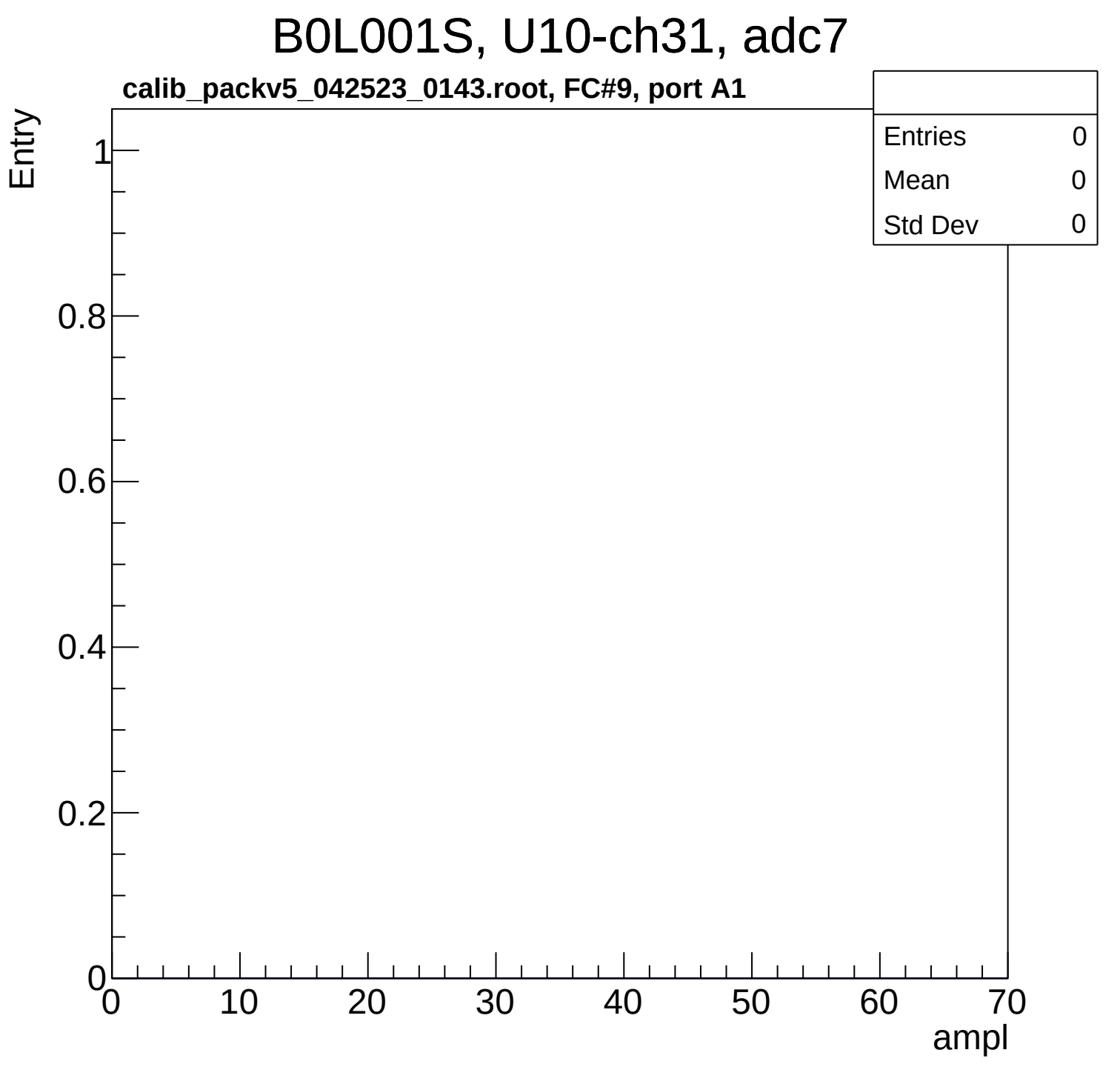

B0L001S, U10-ch31, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 52.13
Std Dev 3.699
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch31, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 58.79
Std Dev 2.519
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch31, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 18
Mean 58.06
Std Dev 14.21
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch31, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch31, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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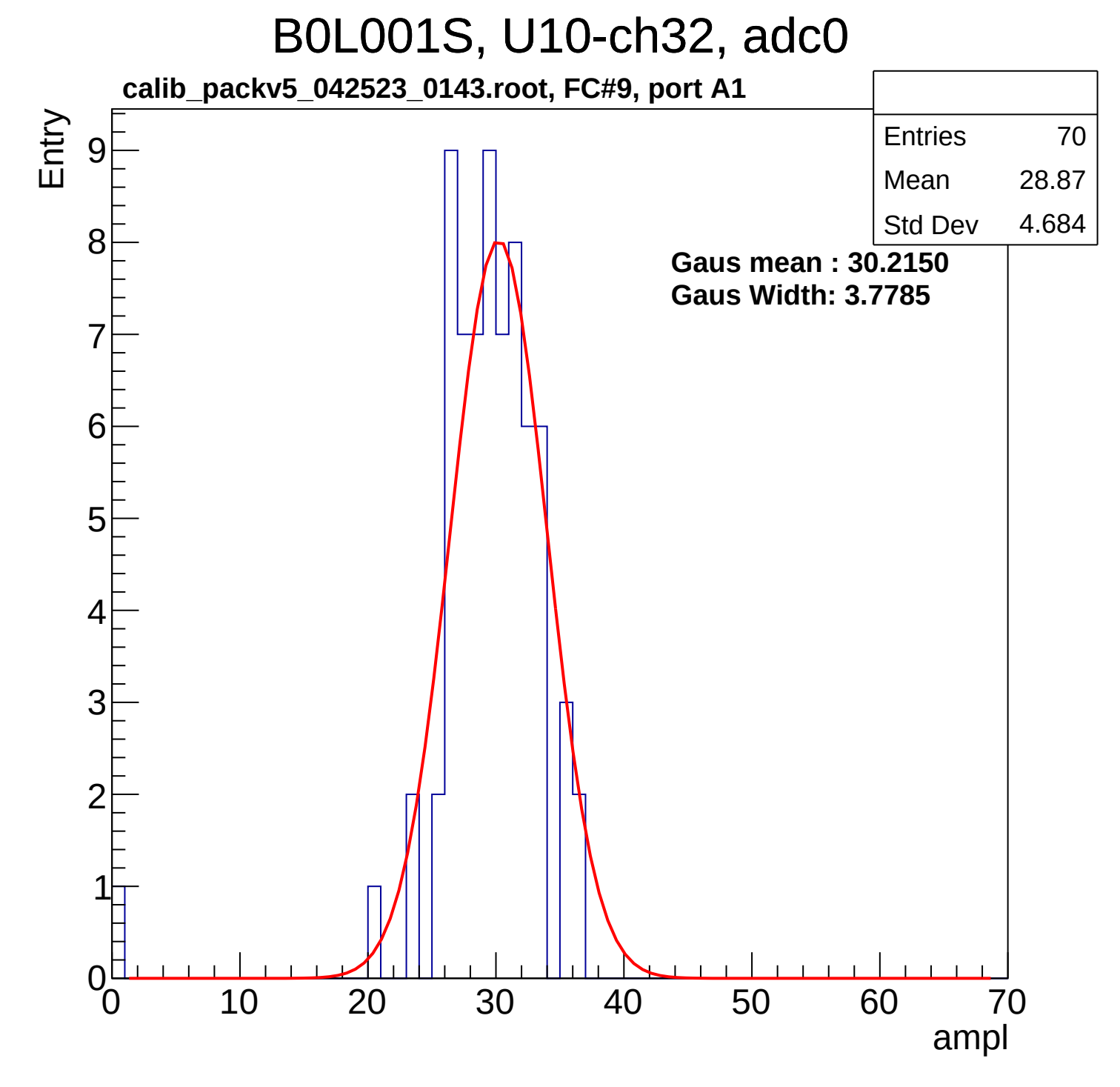
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch32, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 28.87
Std Dev 4.684
Gaus mean : 30.2150
Gaus Width: 3.7785
Entry
ampl
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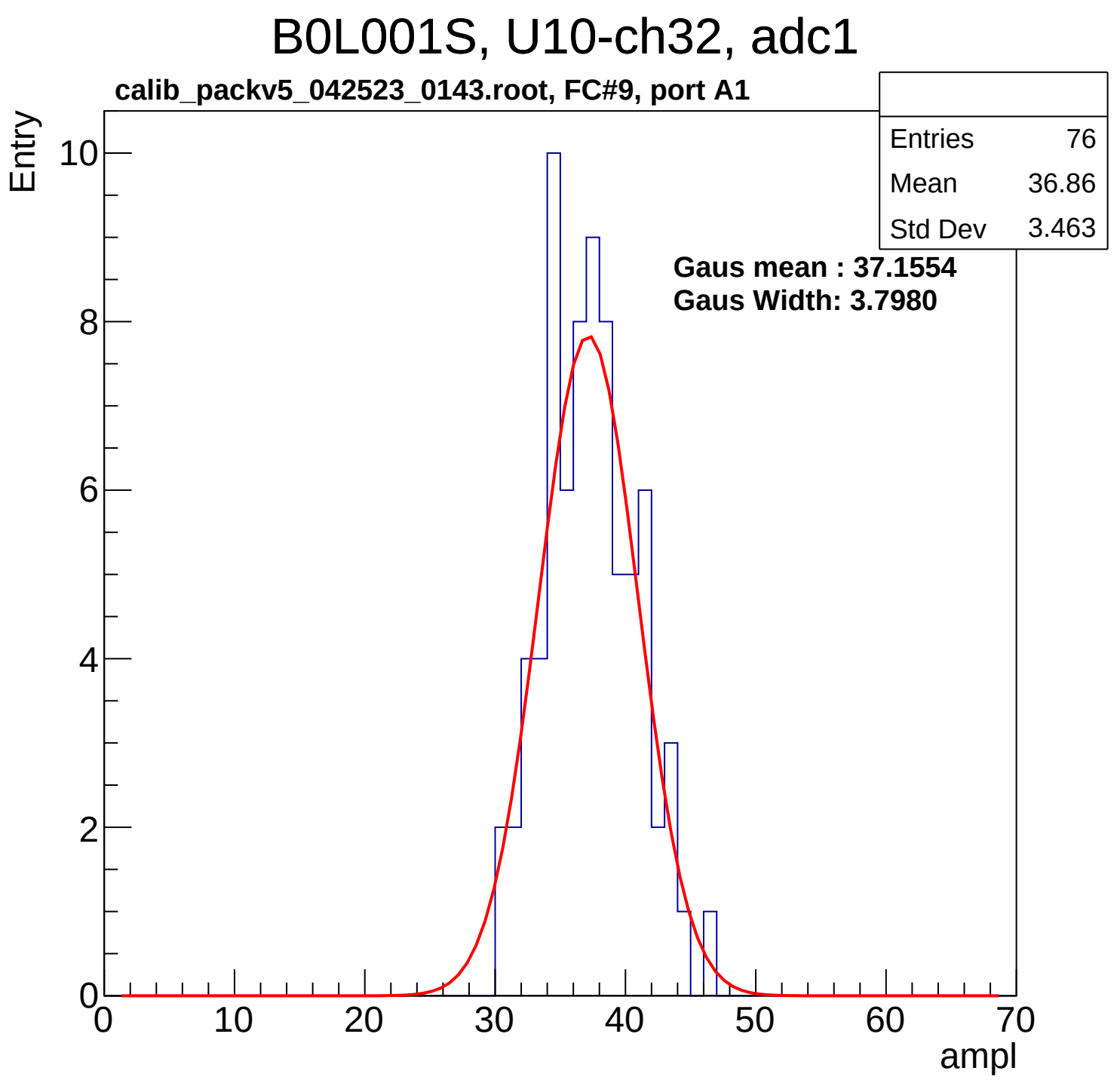
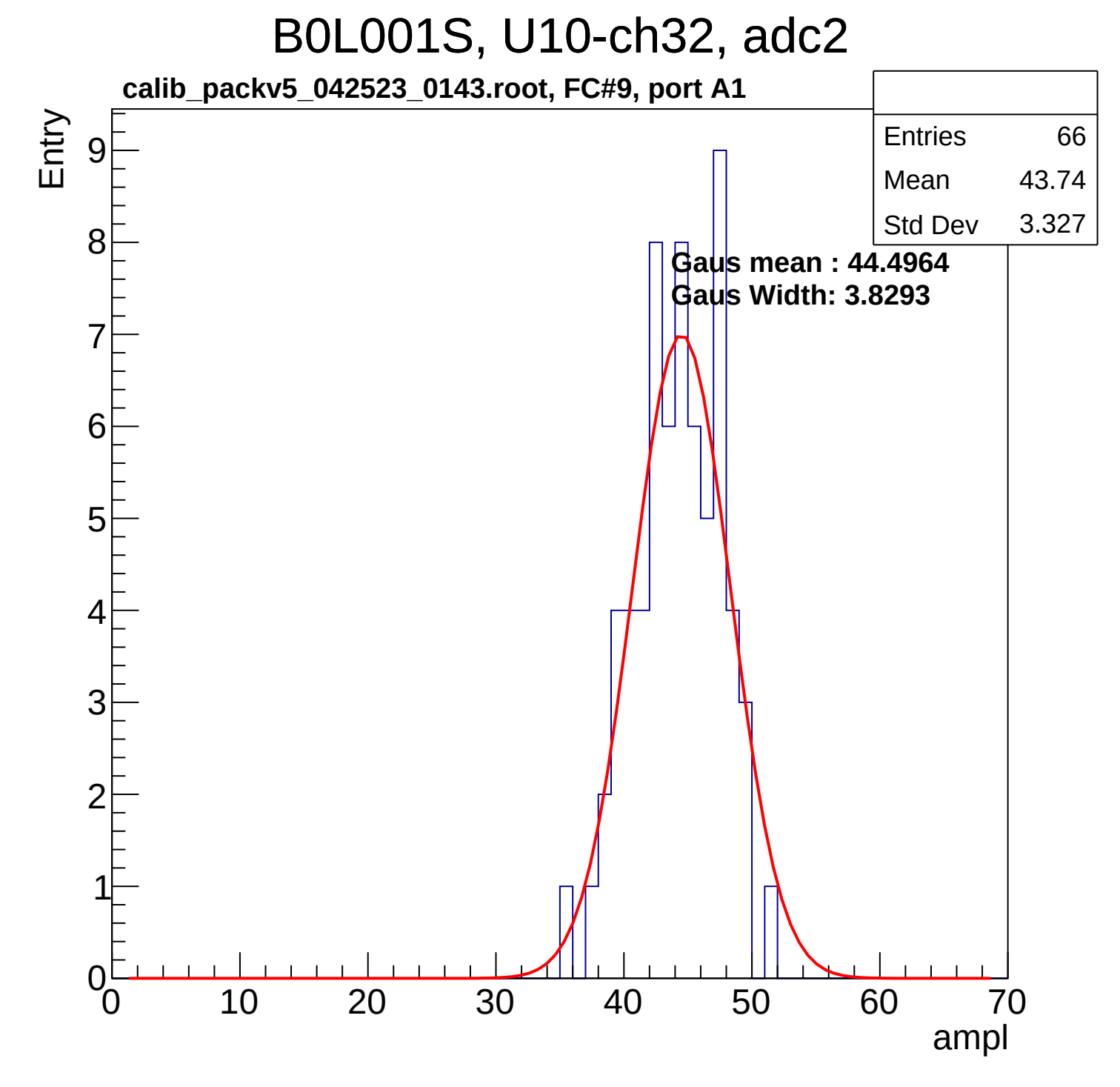
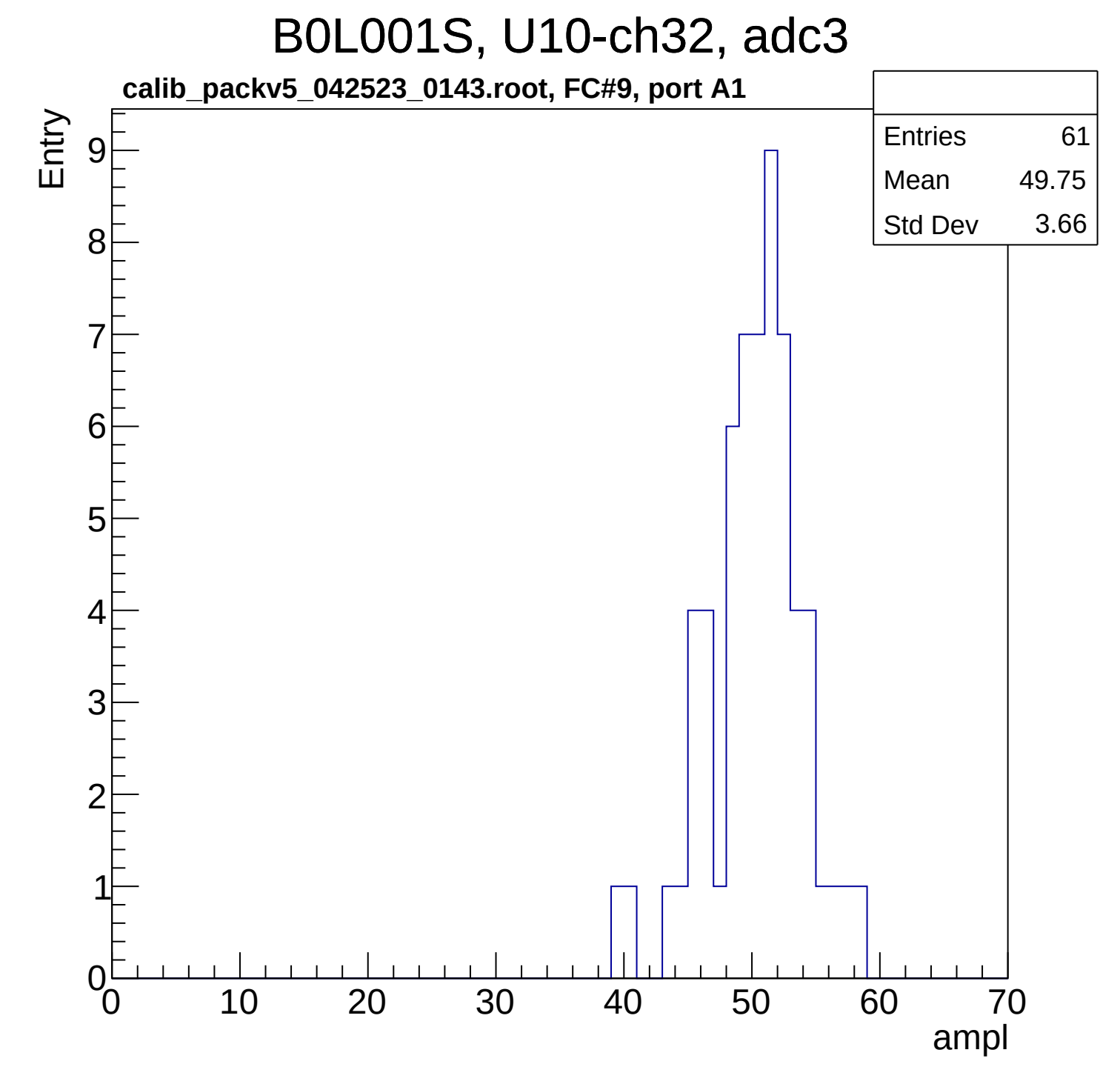
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch32, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 36.86
Std Dev 3.463
Gaus mean : 37.1554
Gaus Width: 3.7980
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch32, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 43.74
Std Dev 3.327
Gaus mean : 44.4964
Gaus Width: 3.8293
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch32, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 49.75
Std Dev 3.66
Entry
ampl
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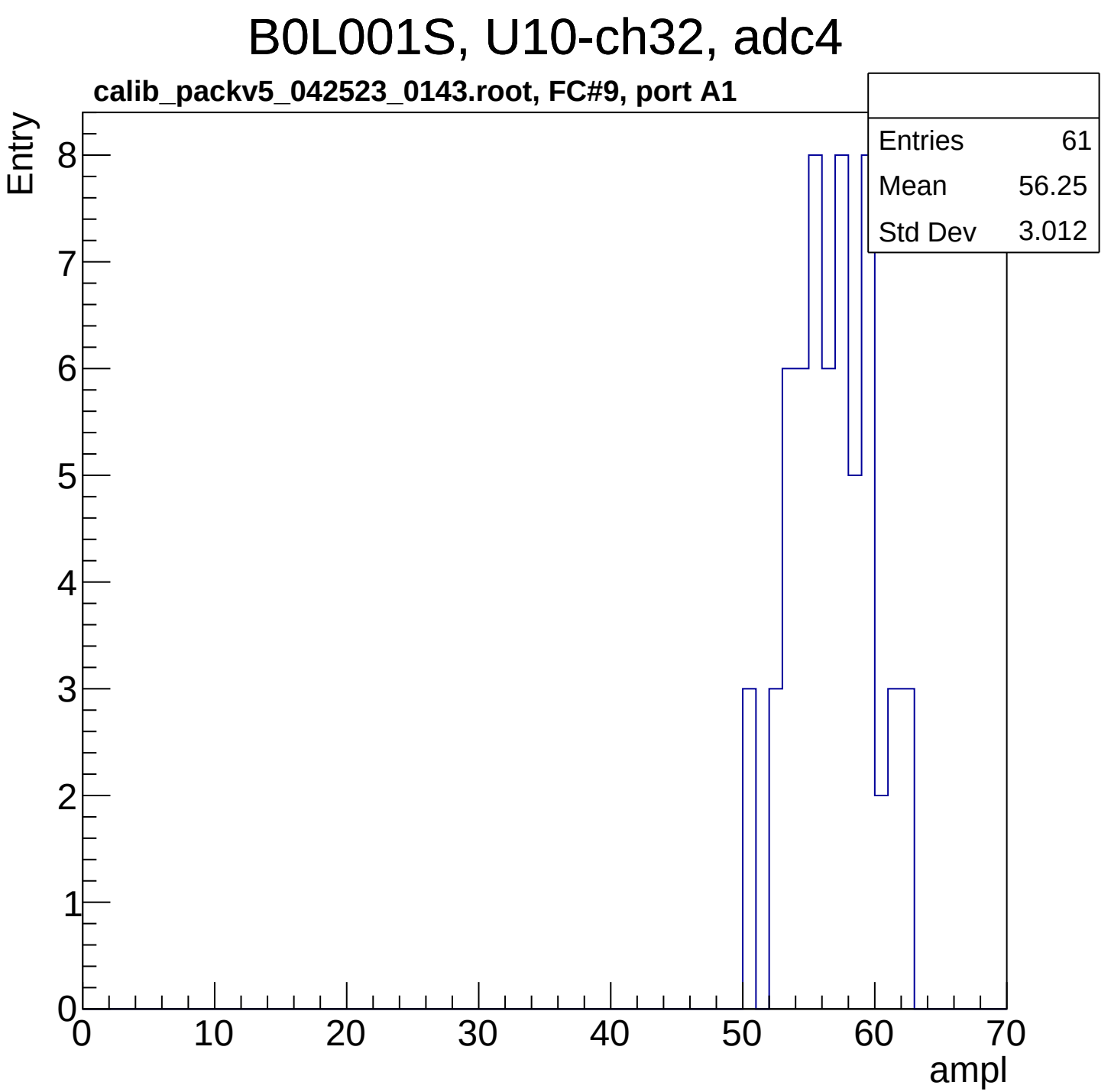
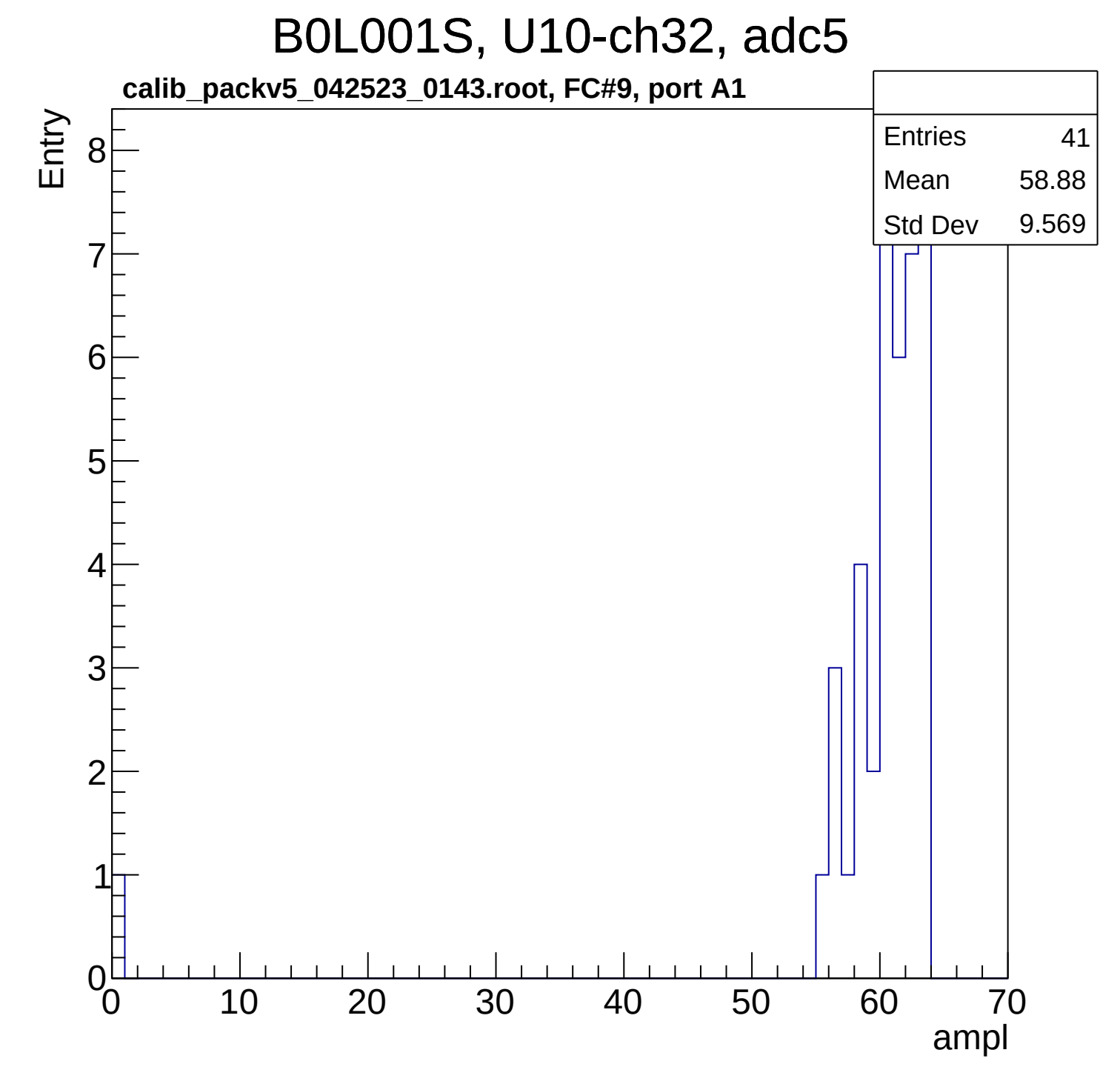
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch32, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 56.25
Std Dev 3.012
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch32, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 58.88
Std Dev 9.569
Entry
ampl
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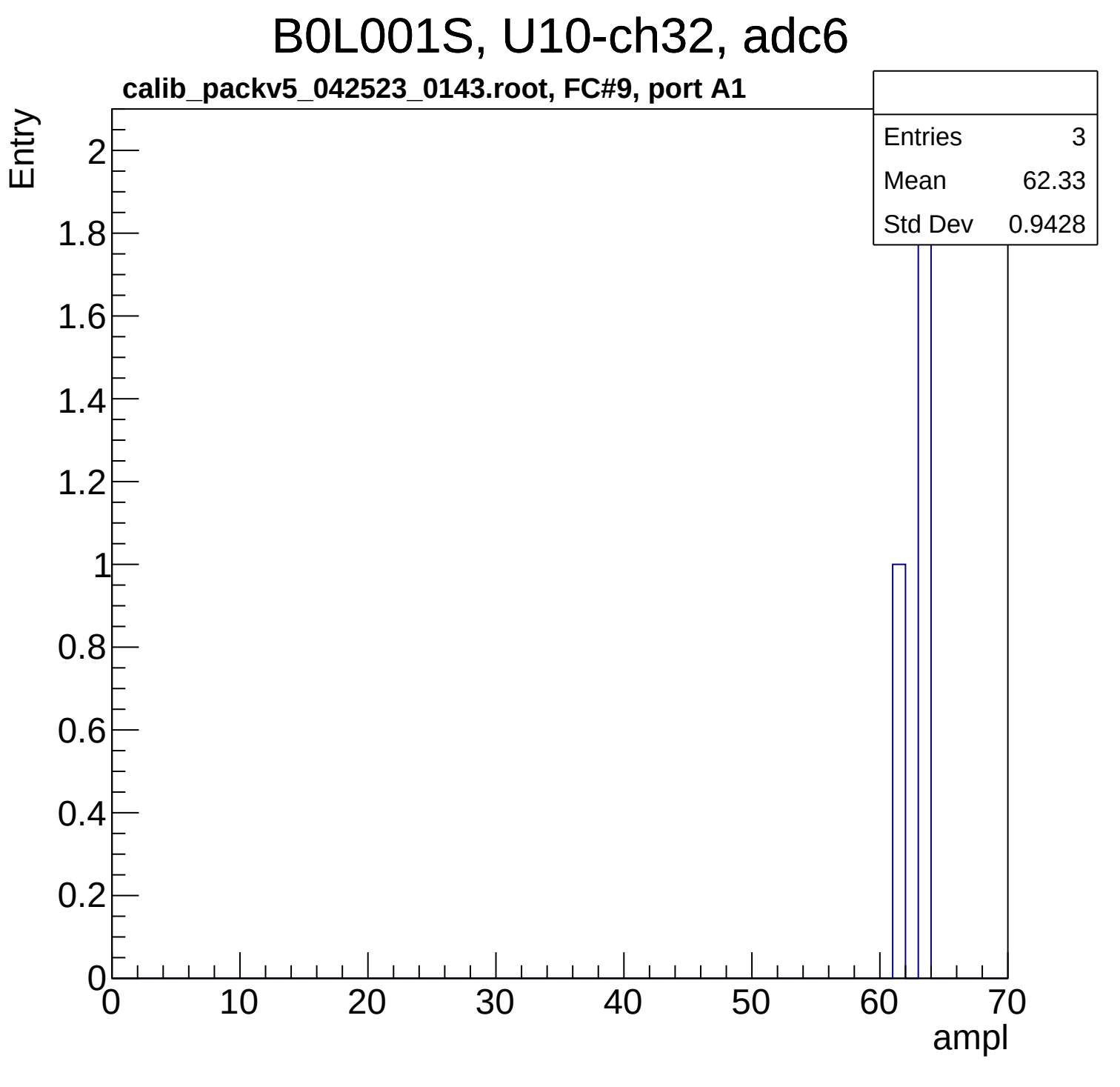
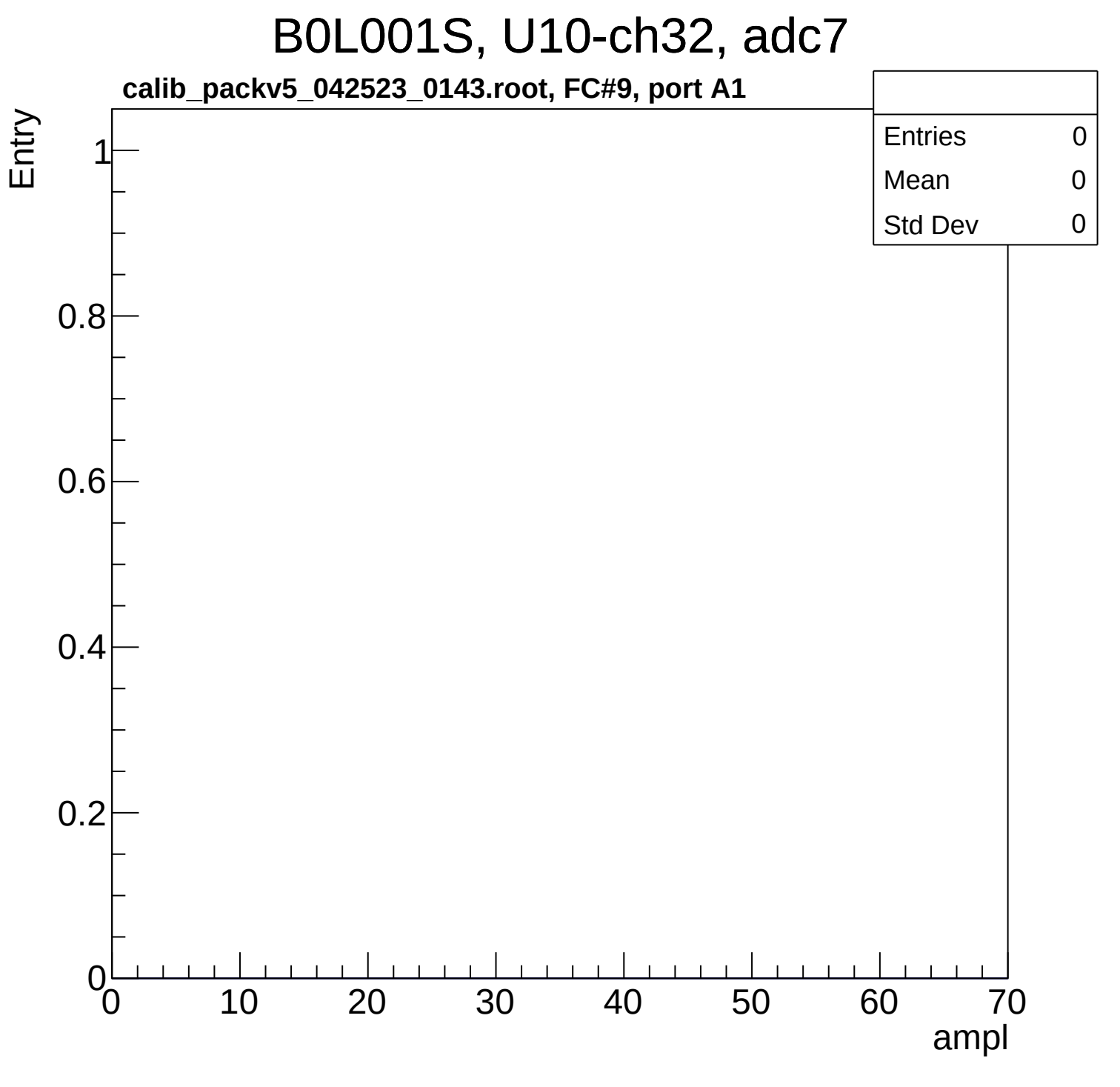
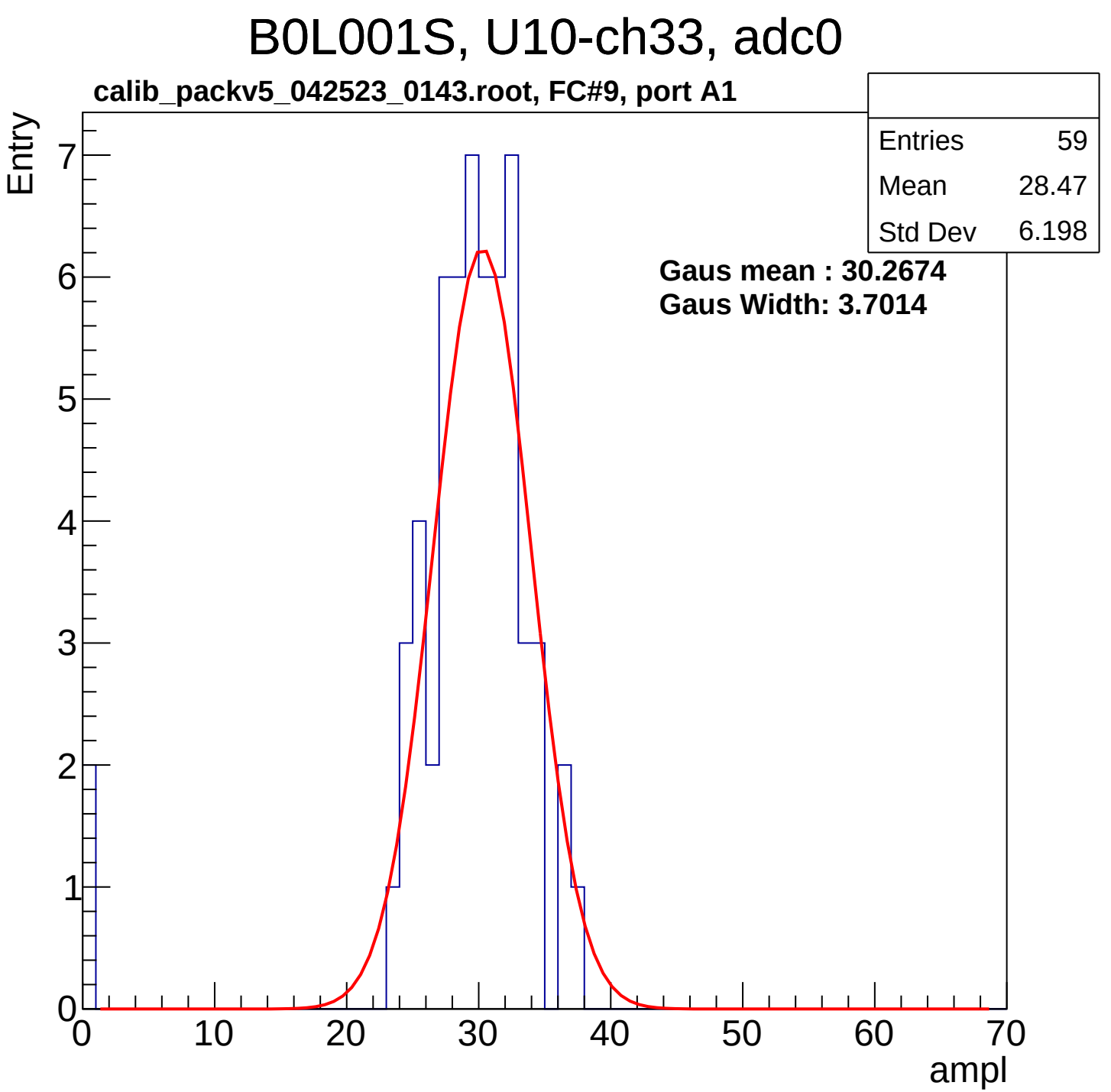
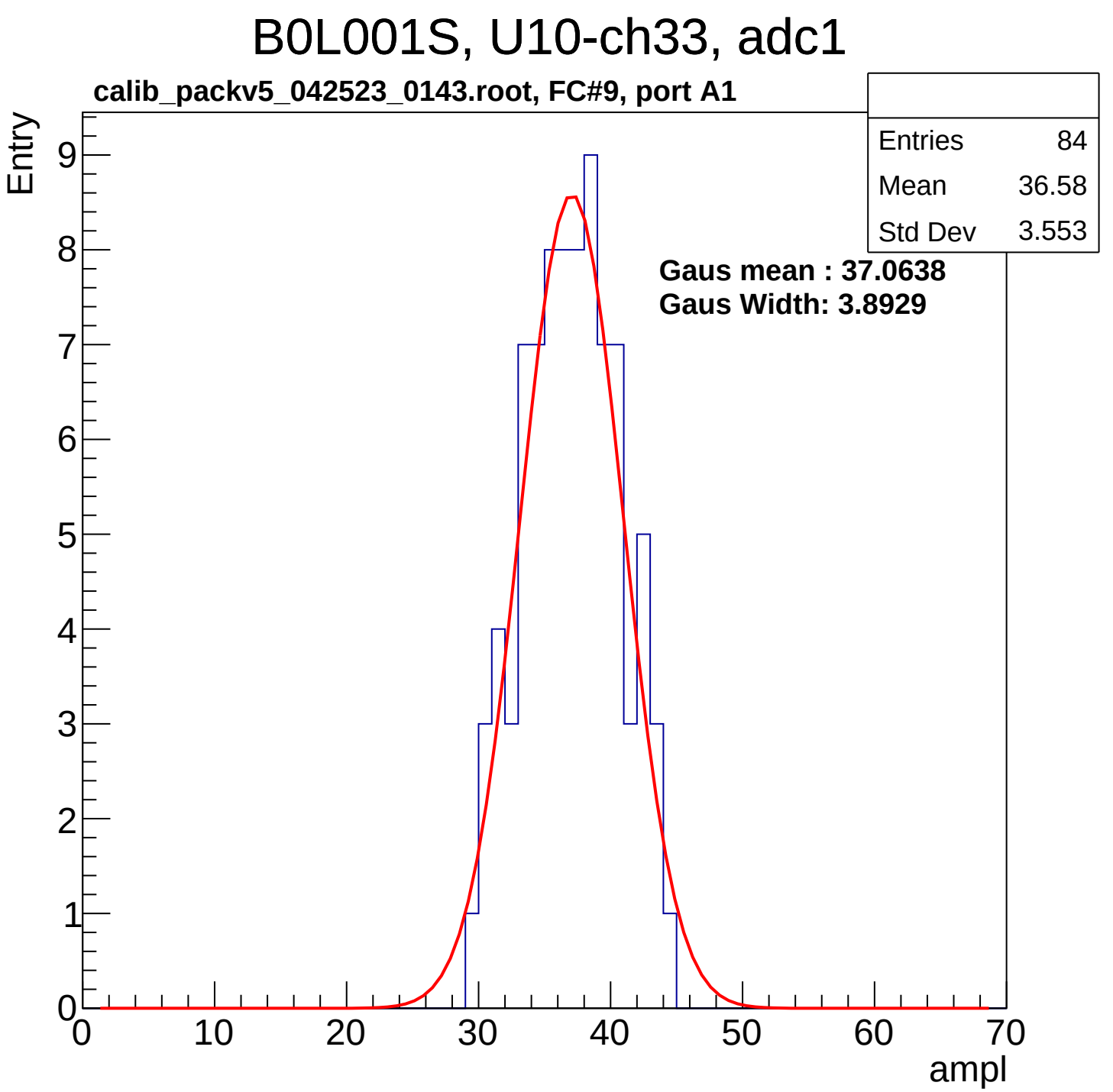
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch32, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch32, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch33, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 28.47
Std Dev 6.198
Gaus mean : 30.2674
Gaus Width: 3.7014
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch33, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 36.58
Std Dev 3.553
Gaus mean : 37.0638
Gaus Width: 3.8929
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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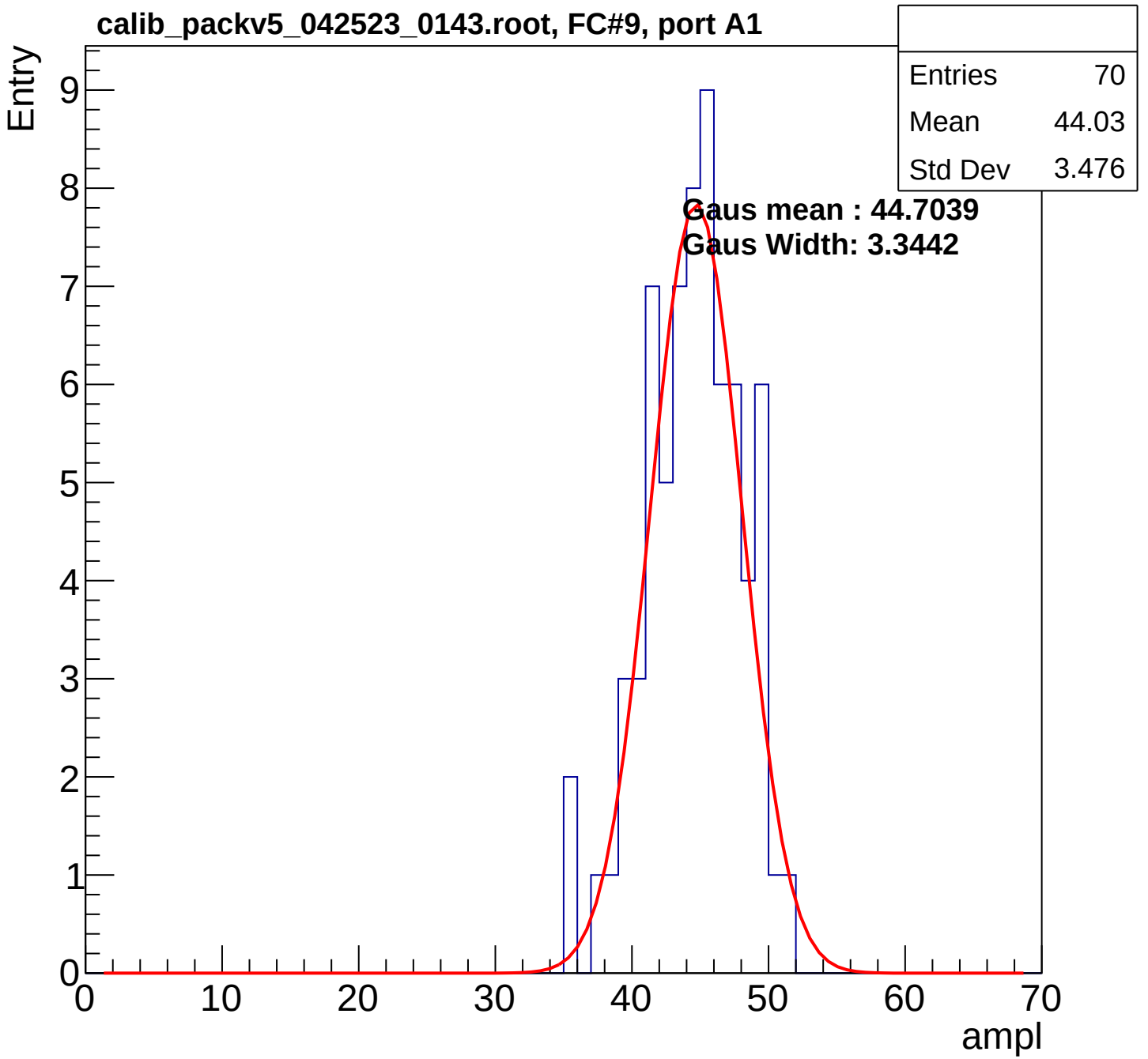
B0L001S, U10-ch33, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 44.03
Std Dev 3.476
Gaus mean : 44.7039
Gaus Width: 3.3442
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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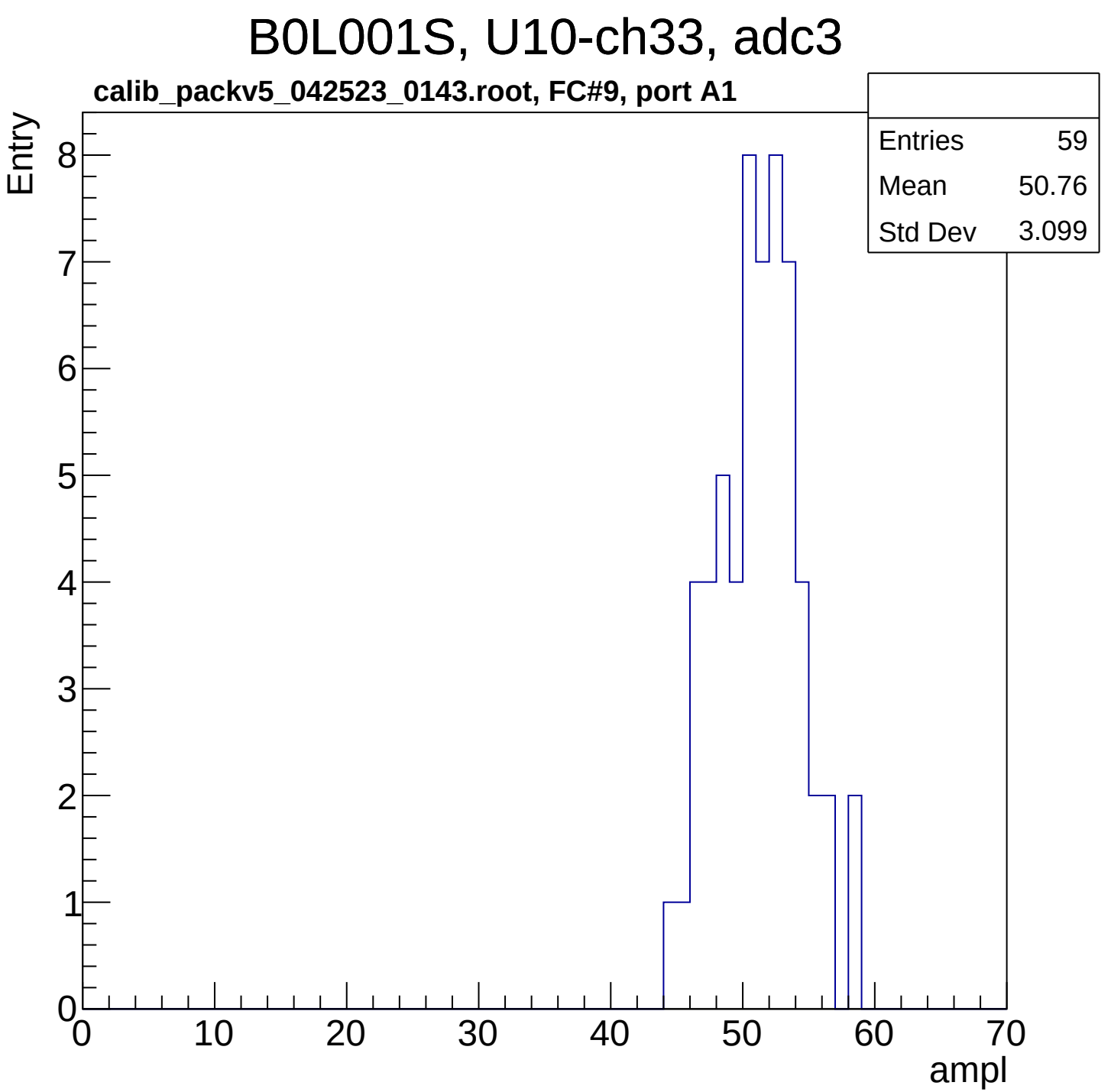
B0L001S, U10-ch33, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 50.76
Std Dev 3.099
Entry
ampl
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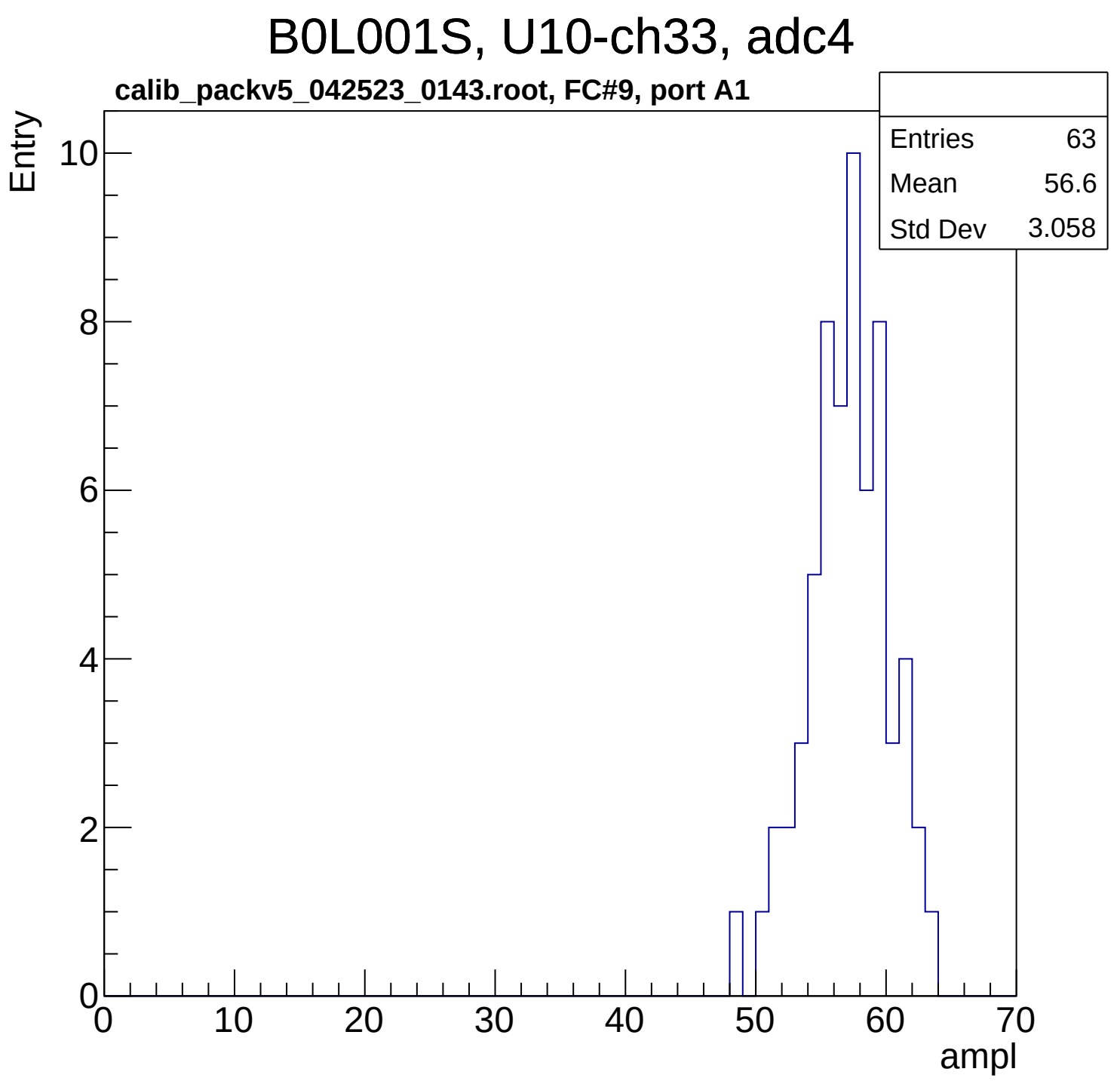
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch33, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 56.6
Std Dev 3.058
Entry
0
2
4
6
8
10
0
10
20
30
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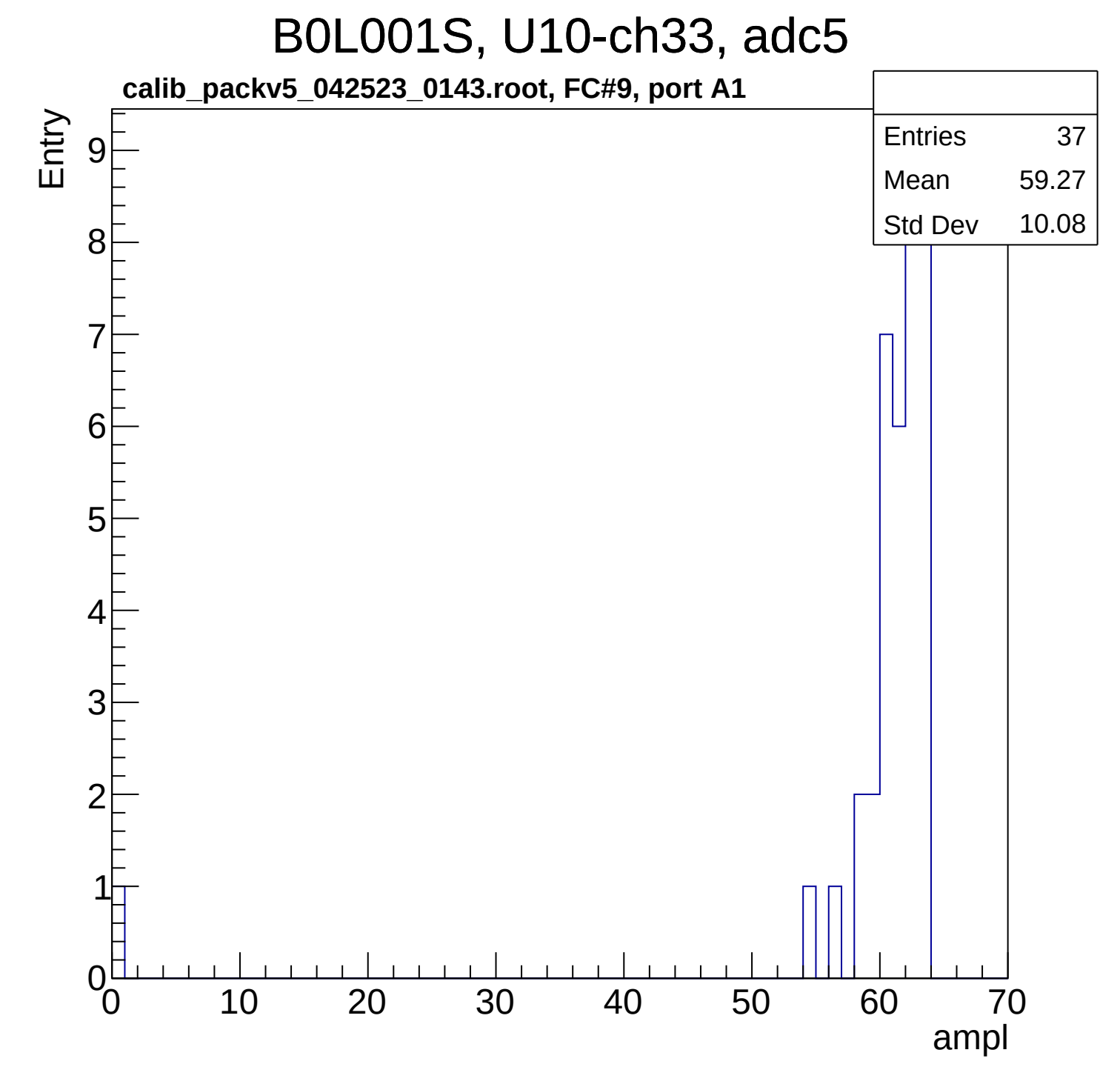
50
60
70
ampl


B0L001S, U10-ch33, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 59.27
Std Dev 10.08
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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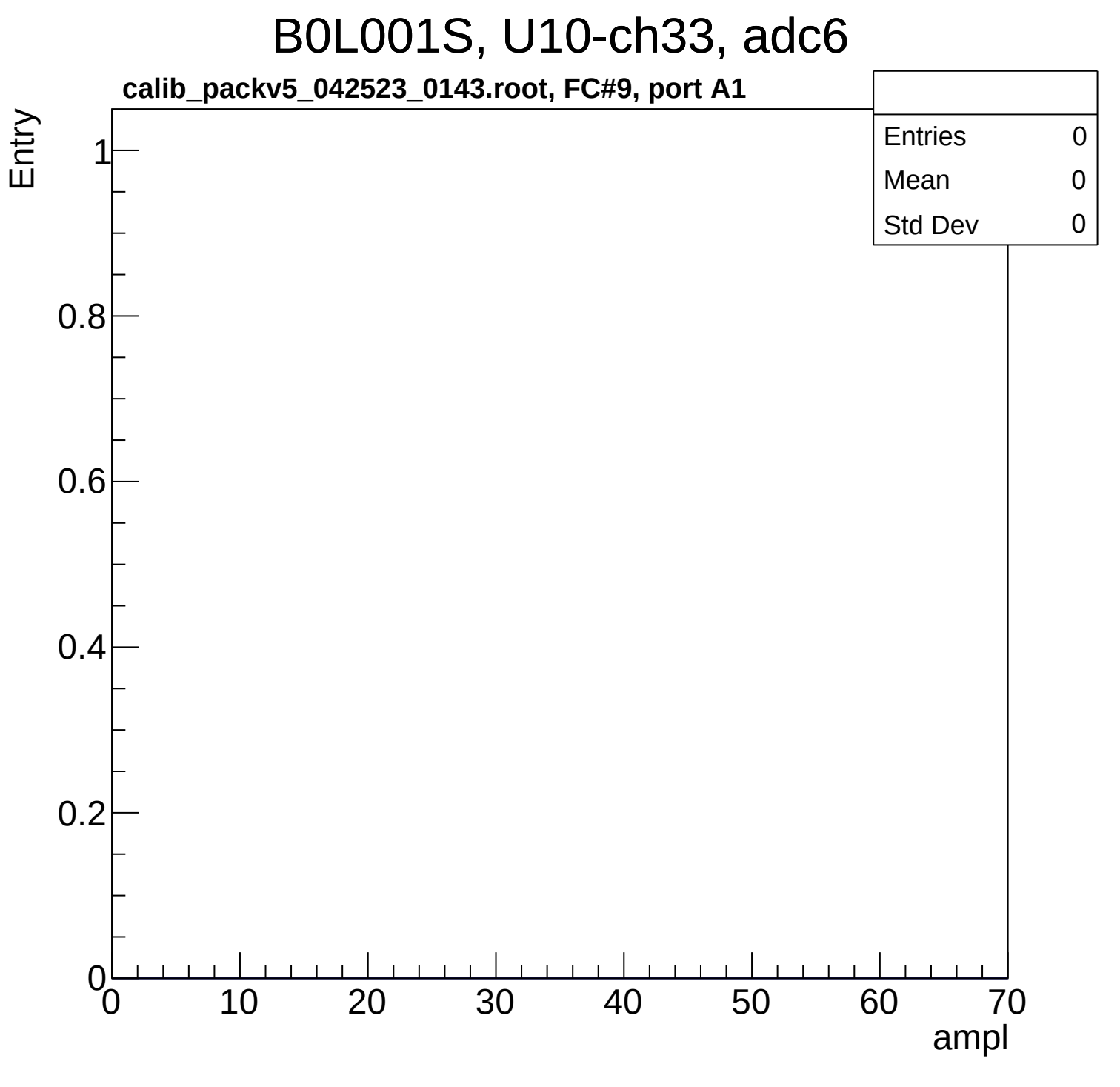
60
70


B0L001S, U10-ch33, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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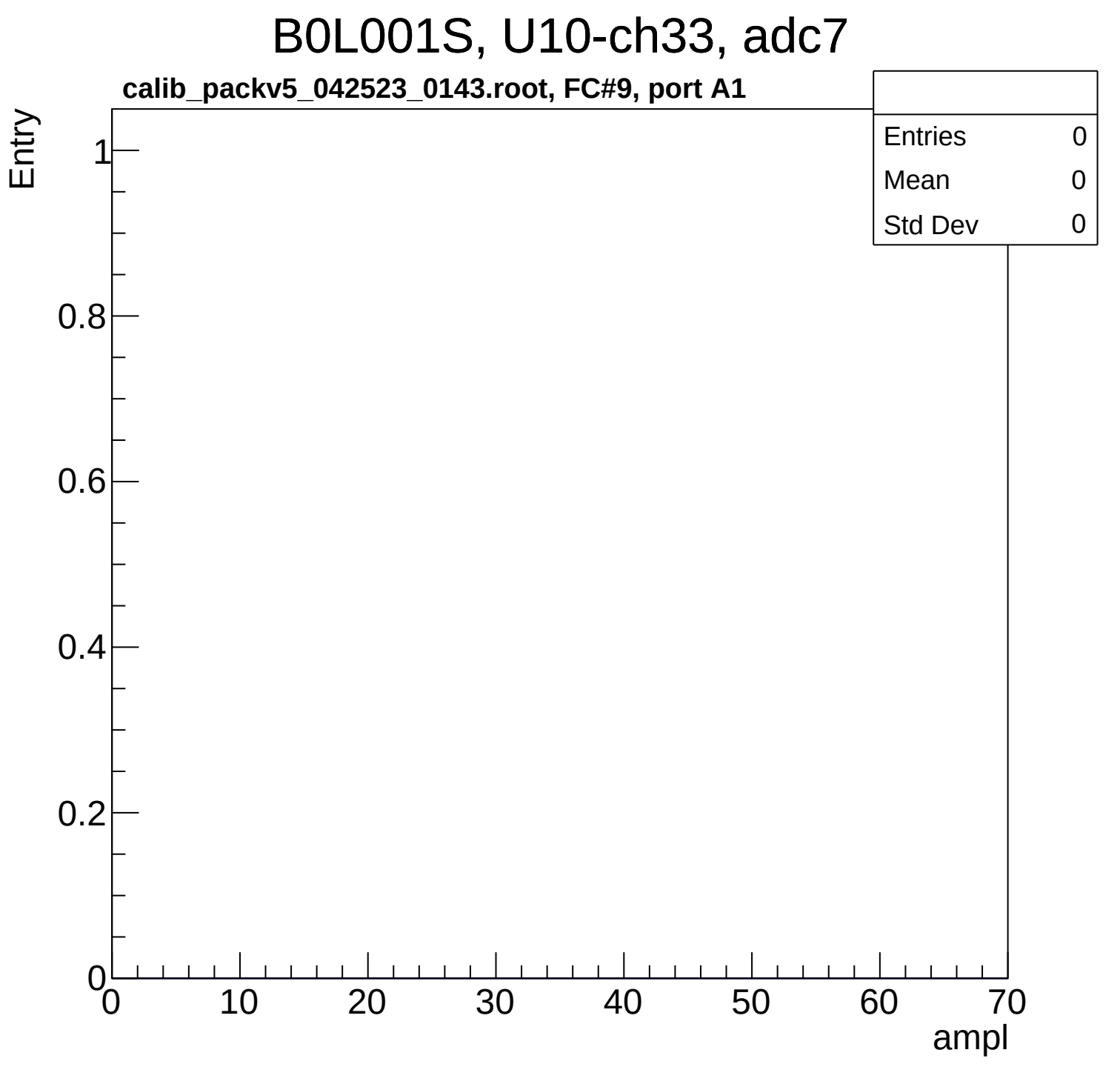
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch33, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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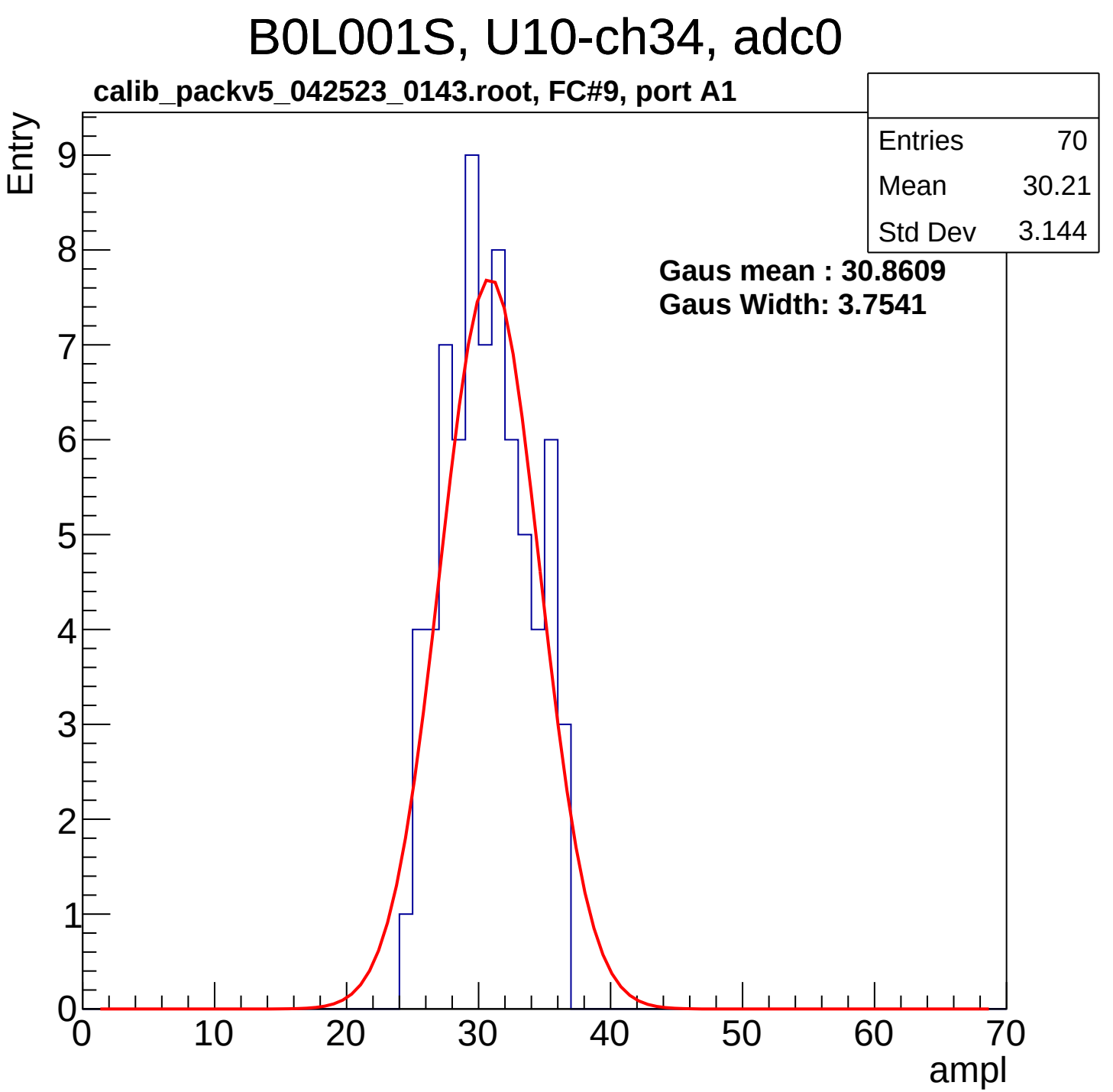
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch34, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 30.21
Std Dev 3.144
Gaus mean : 30.8609
Gaus Width: 3.7541
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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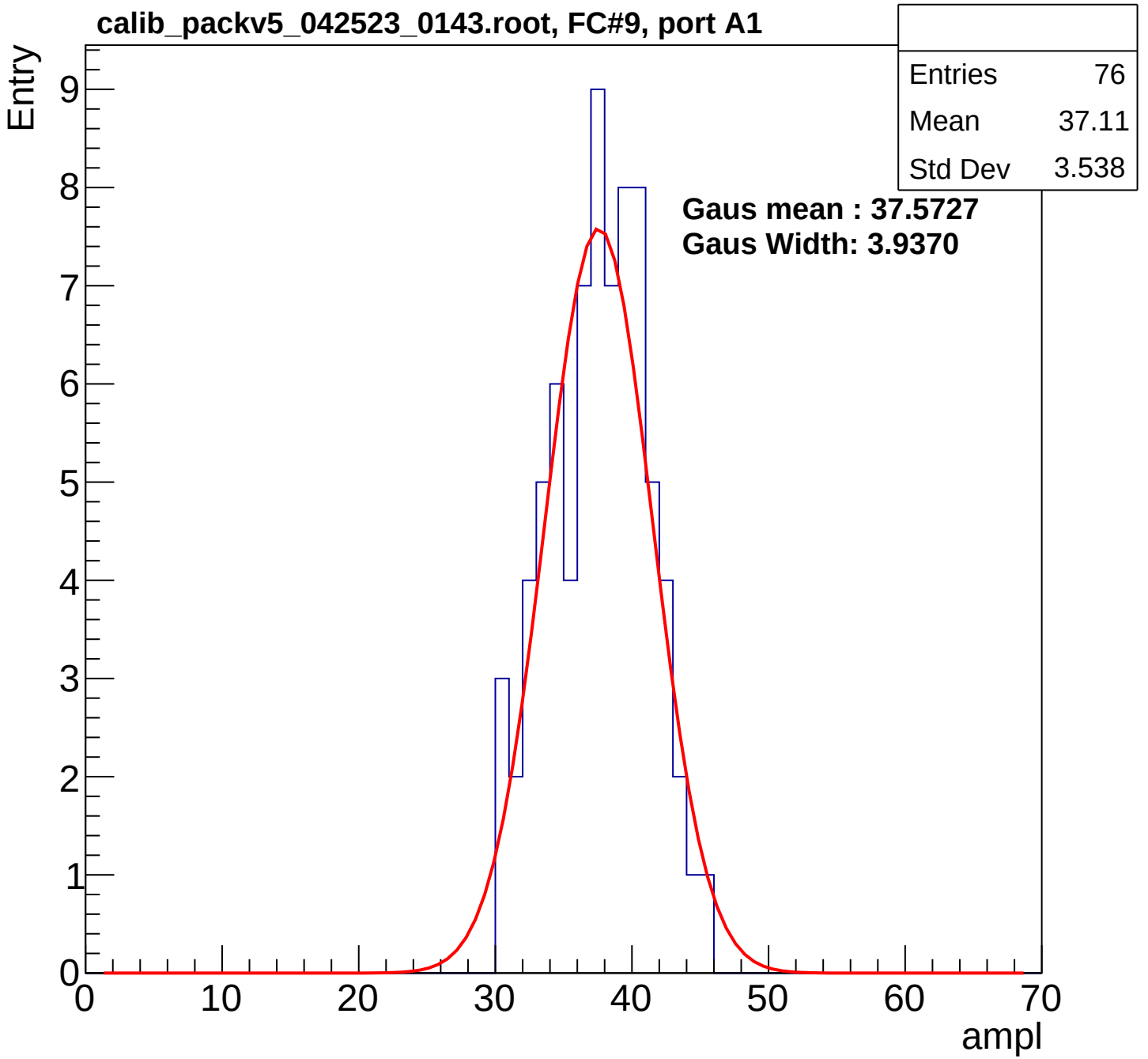
B0L001S, U10-ch34, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 37.11
Std Dev 3.538
Gaus mean : 37.5727
Gaus Width: 3.9370
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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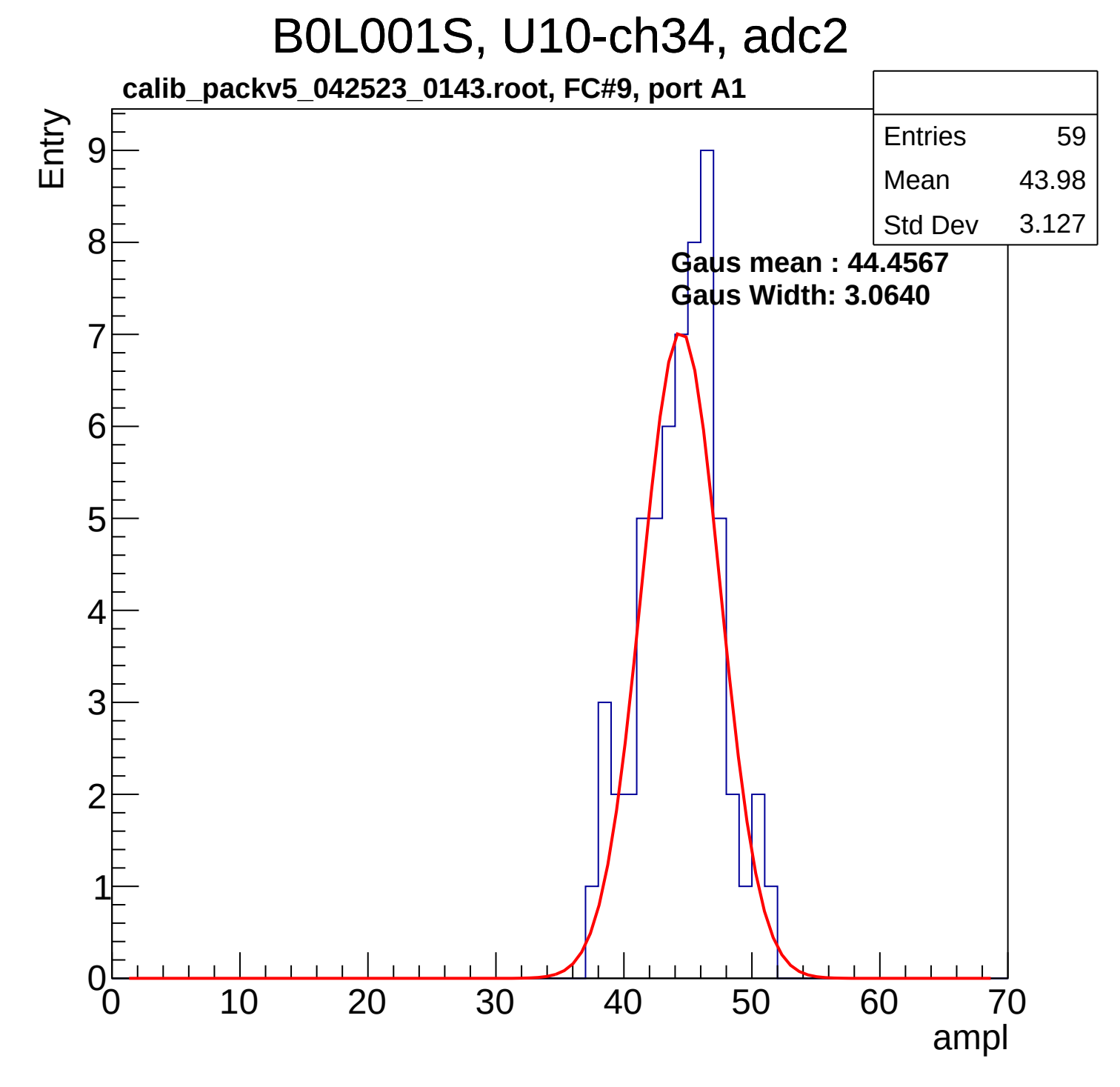
B0L001S, U10-ch34, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 43.98
Std Dev 3.127
Gaus mean : 44.4567
Gaus Width: 3.0640
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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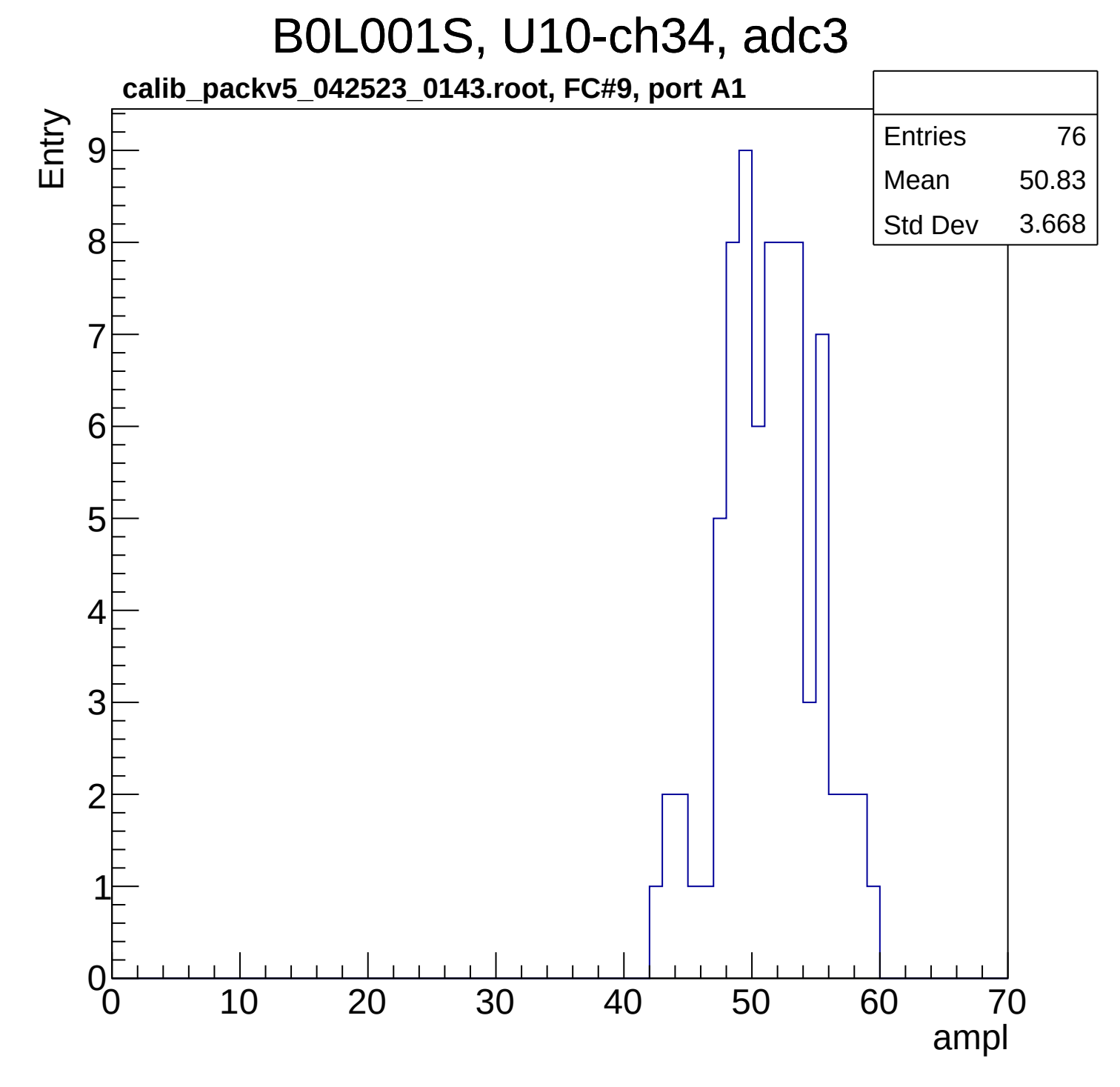
B0L001S, U10-ch34, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 50.83
Std Dev 3.668
Entry
ampl
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2
3
4
5
6
7
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9
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40
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60
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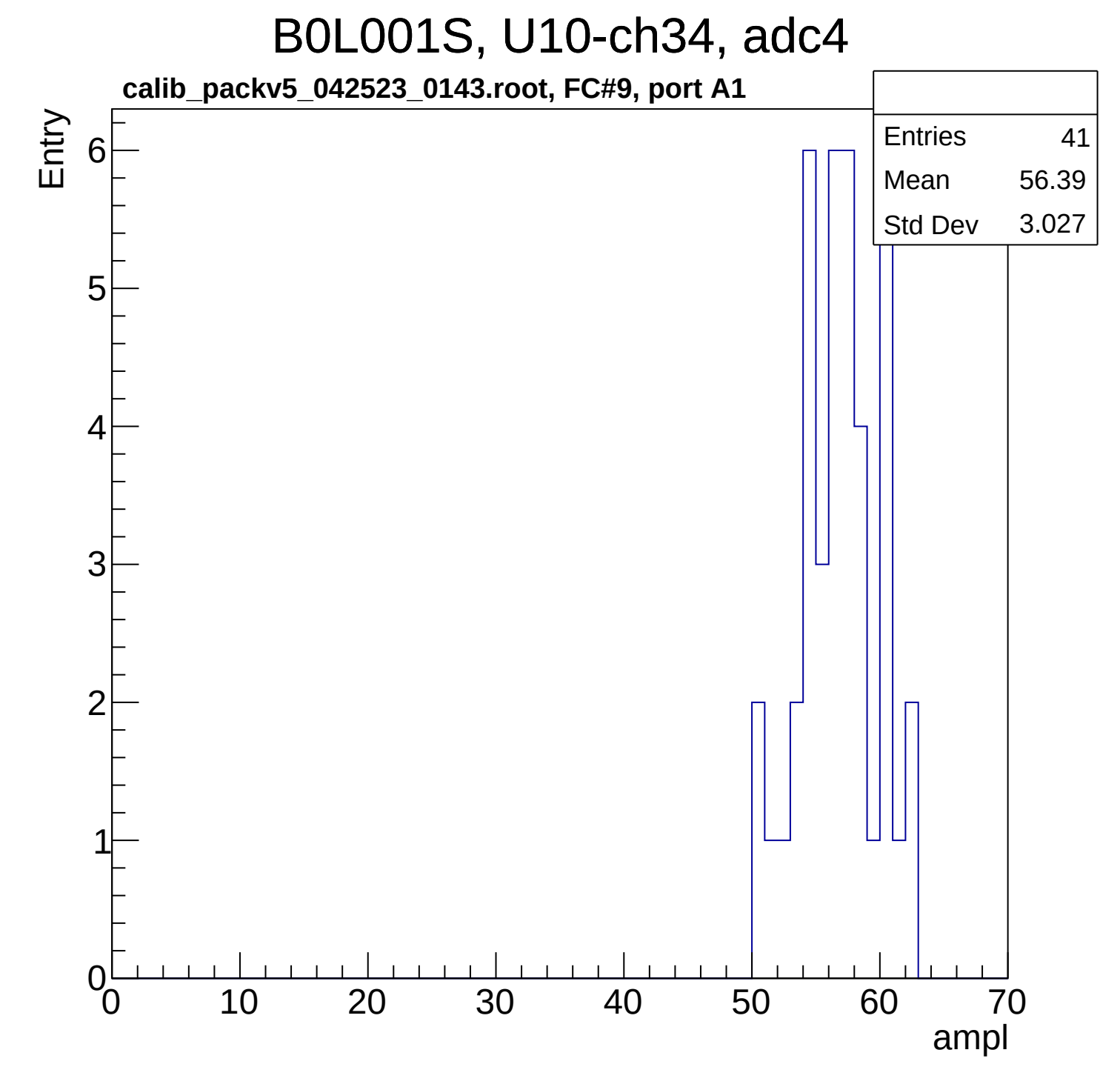
B0L001S, U10-ch34, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 56.39
Std Dev 3.027
Entry
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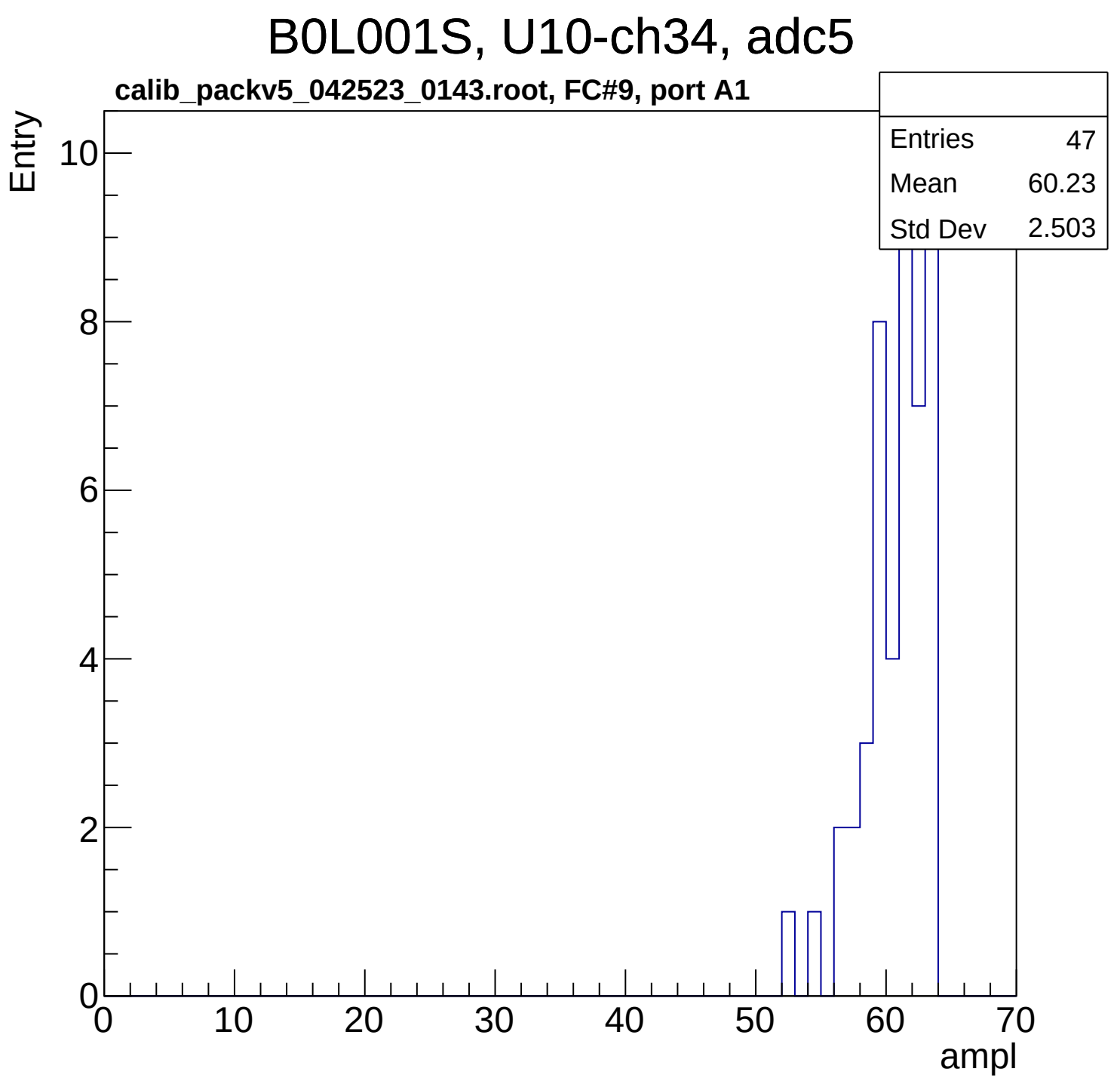
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch34, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 60.23
Std Dev 2.503
Entry
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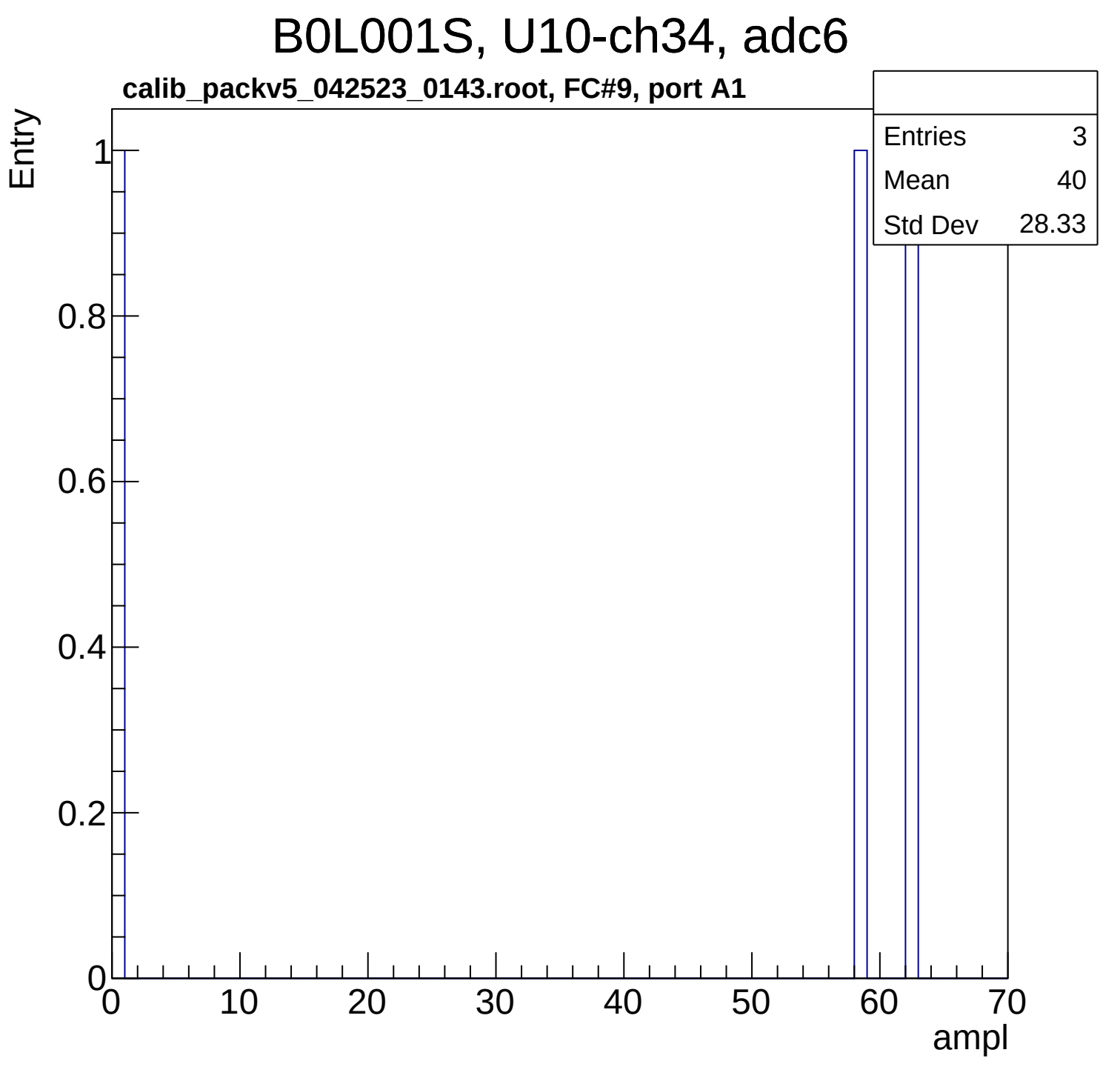
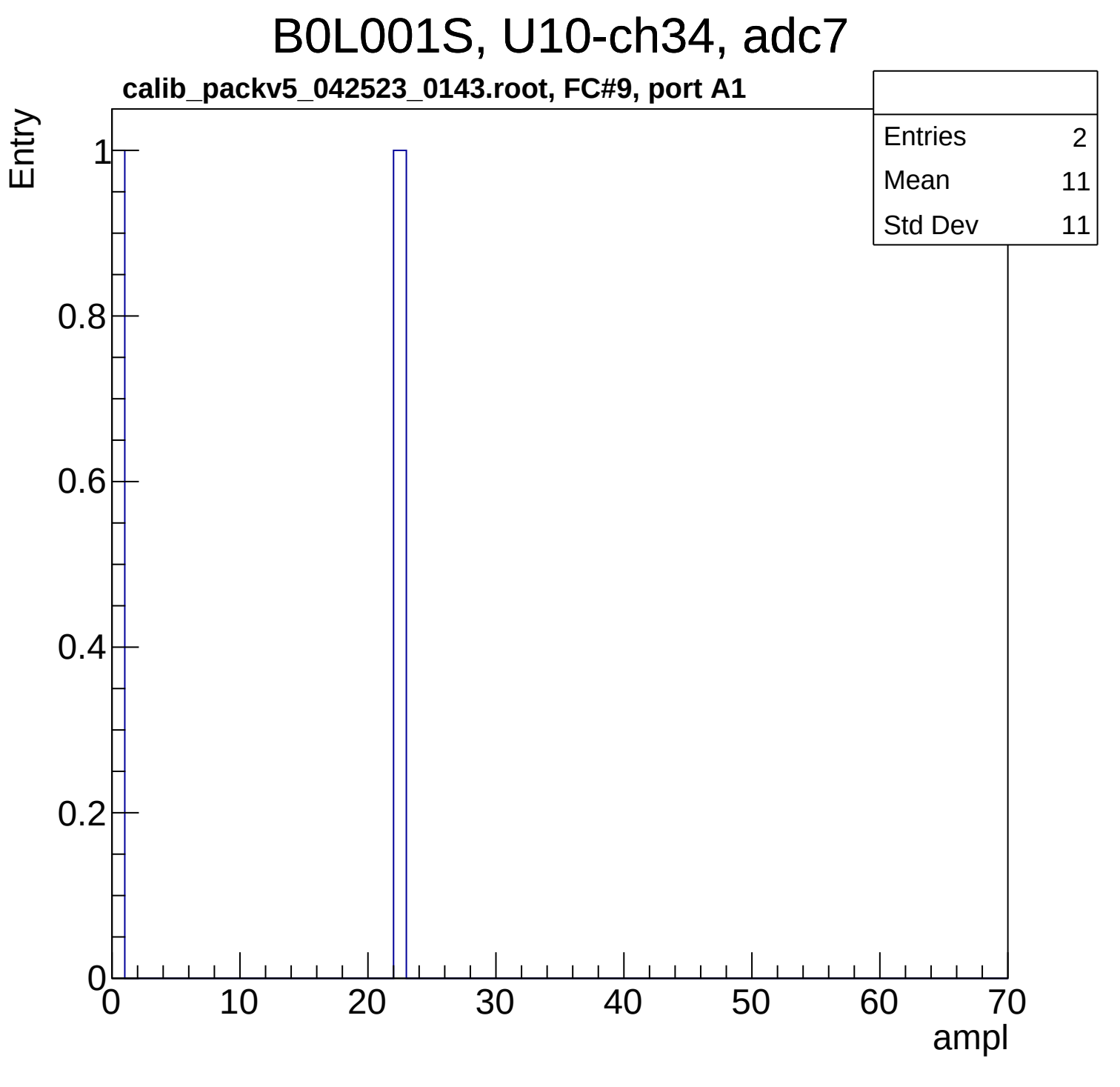
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch34, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 40
Std Dev 28.33
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch34, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 11
Std Dev 11
Entry
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0.6
0.4
0.2
0
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10
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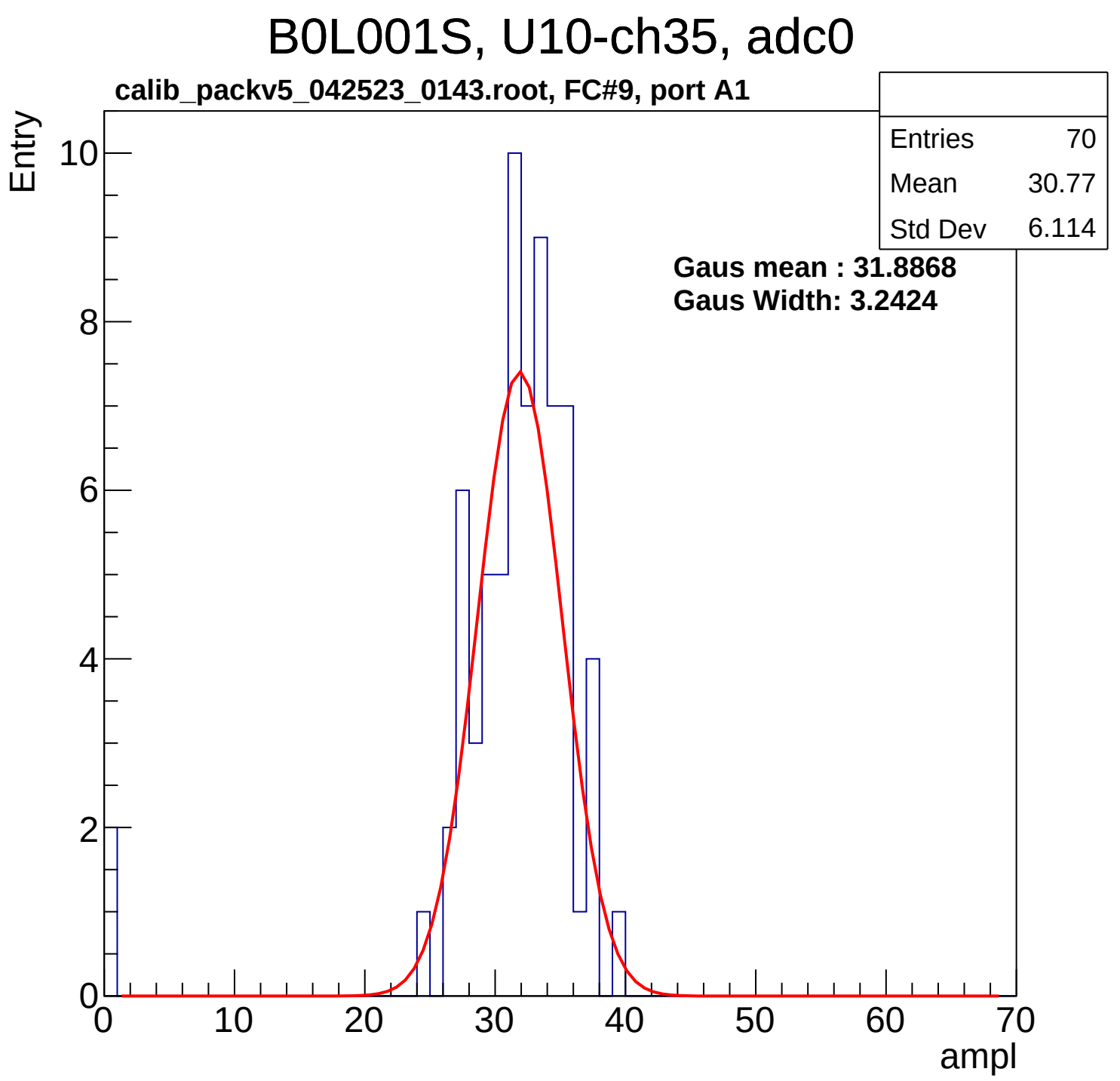
70
ampl


B0L001S, U10-ch35, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 30.77
Std Dev 6.114
Gaus mean : 31.8868
Gaus Width: 3.2424
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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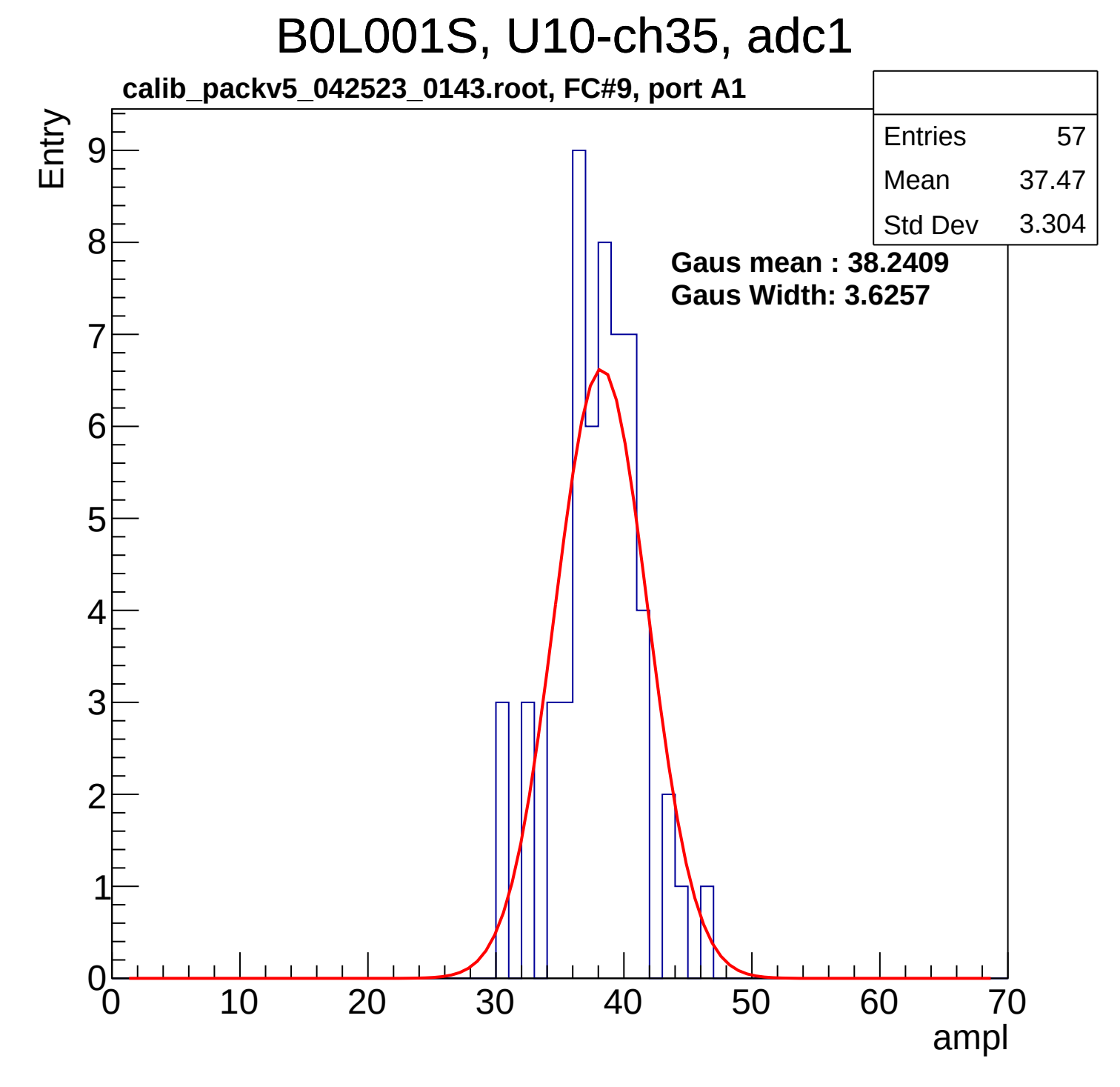
B0L001S, U10-ch35, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 37.47
Std Dev 3.304
Gaus mean : 38.2409
Gaus Width: 3.6257
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
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40
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60
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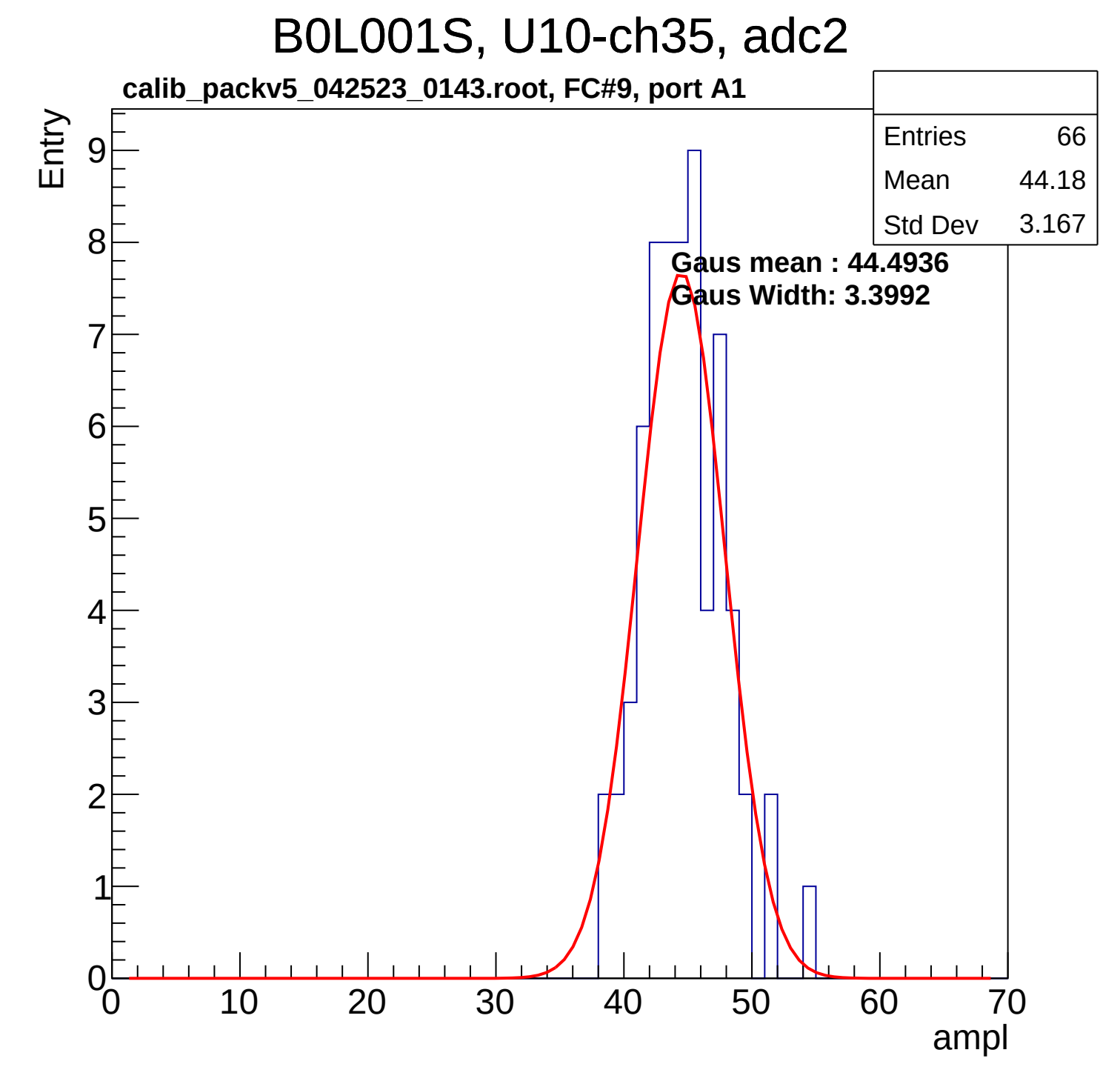
B0L001S, U10-ch35, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 44.18
Std Dev 3.167
Gaus mean : 44.4936
Gaus Width: 3.3992
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
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40
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60
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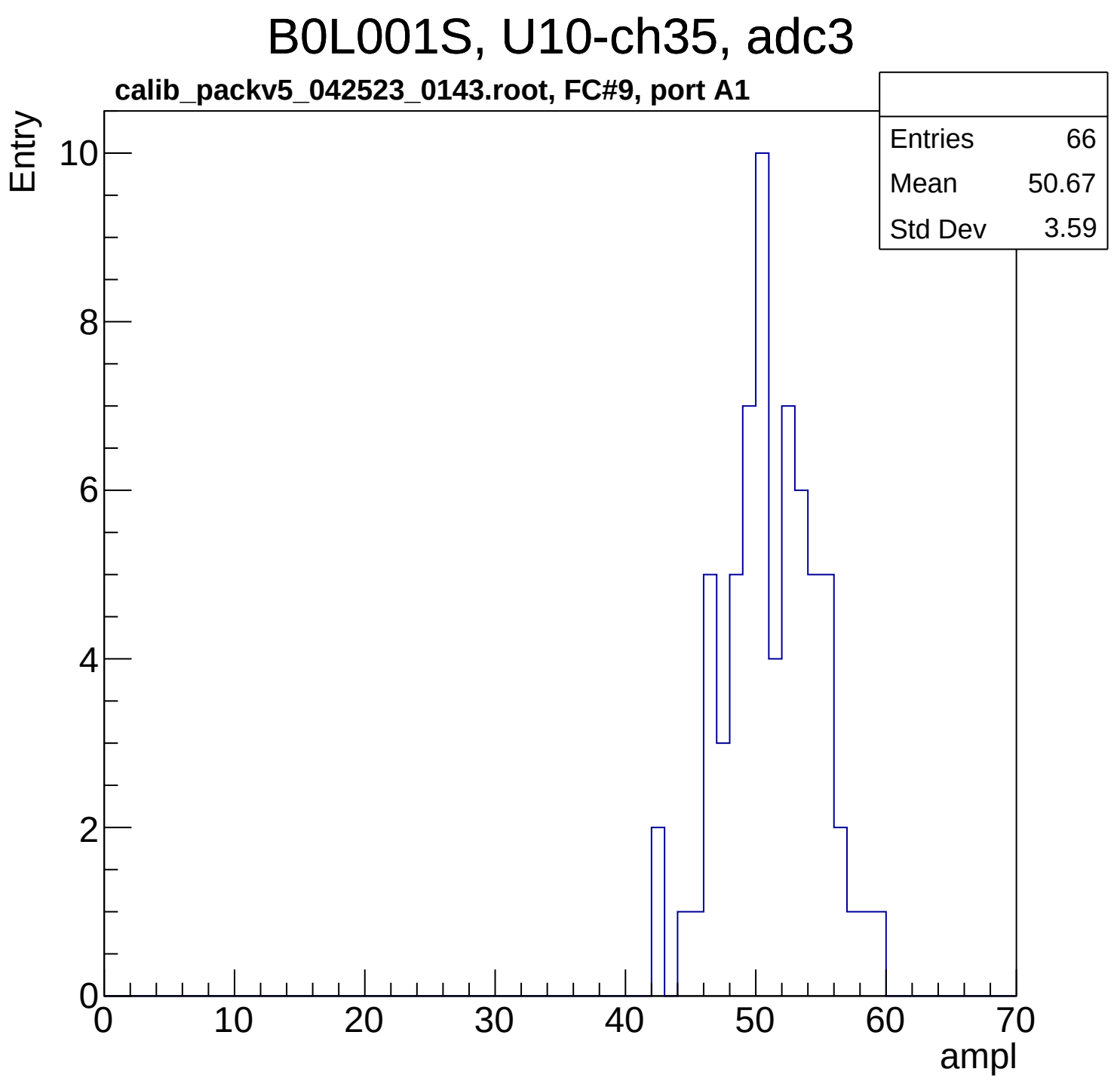
B0L001S, U10-ch35, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 50.67
Std Dev 3.59
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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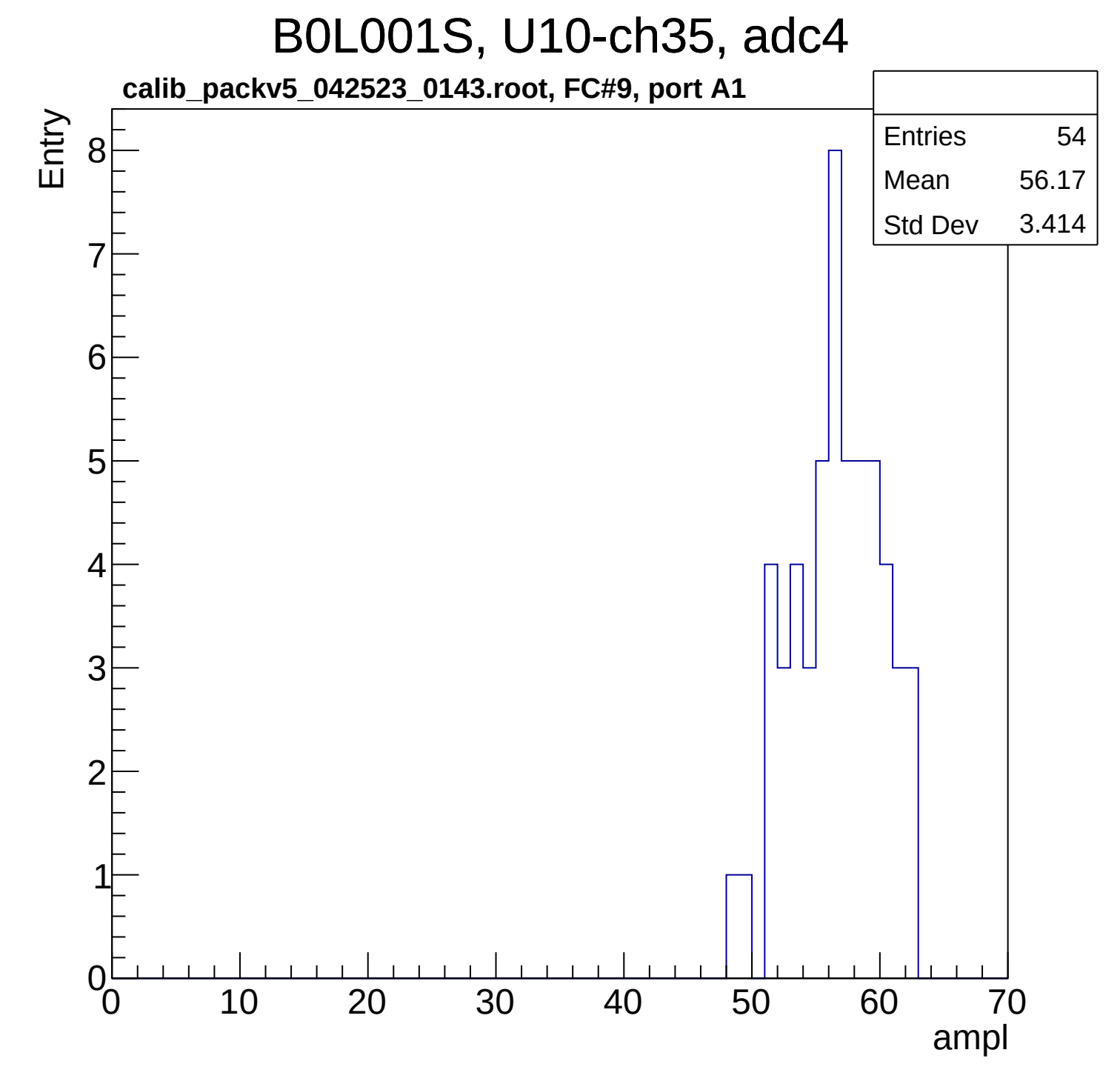
B0L001S, U10-ch35, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.17
Std Dev 3.414
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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60
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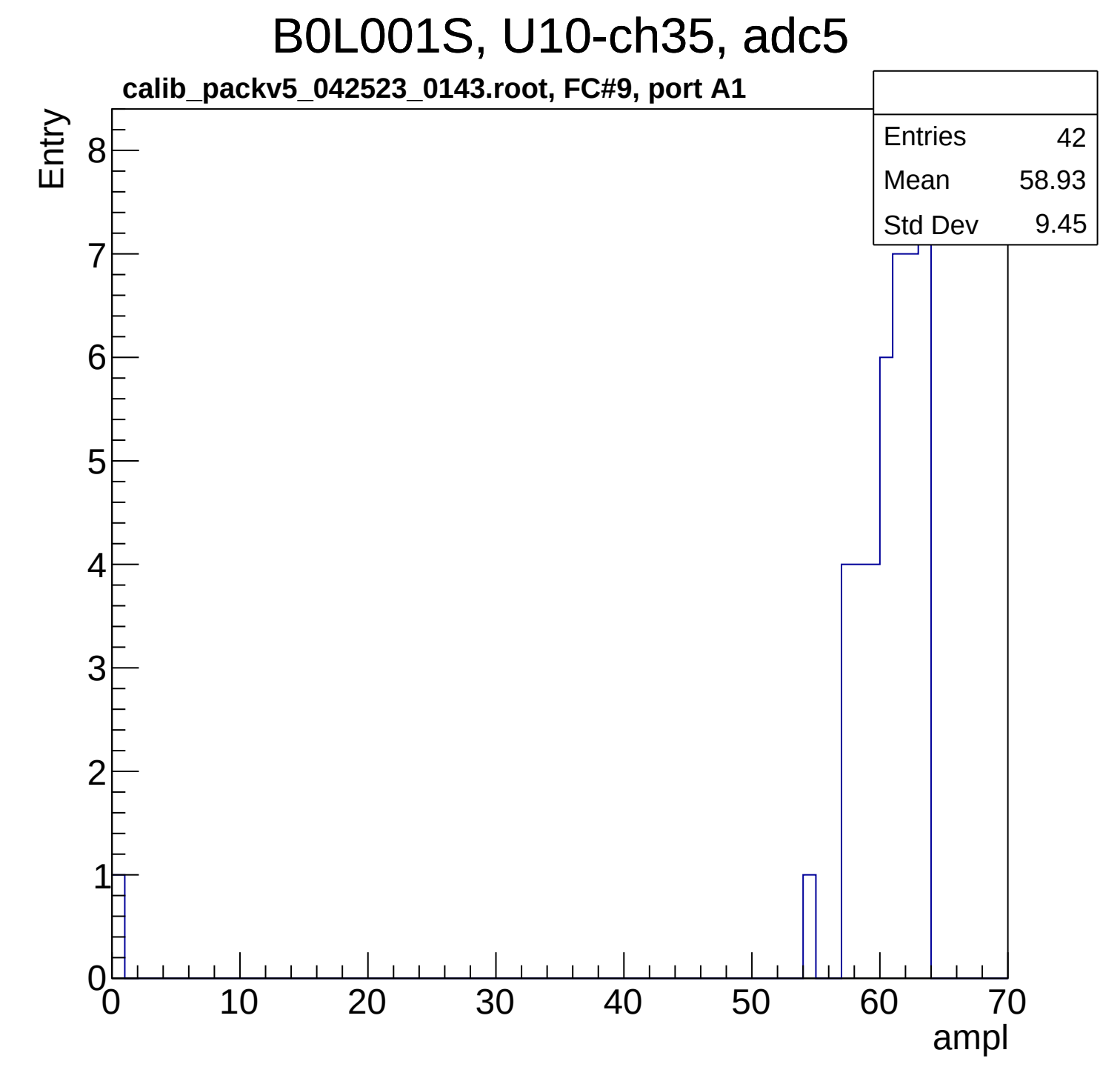
B0L001S, U10-ch35, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.93
Std Dev 9.45
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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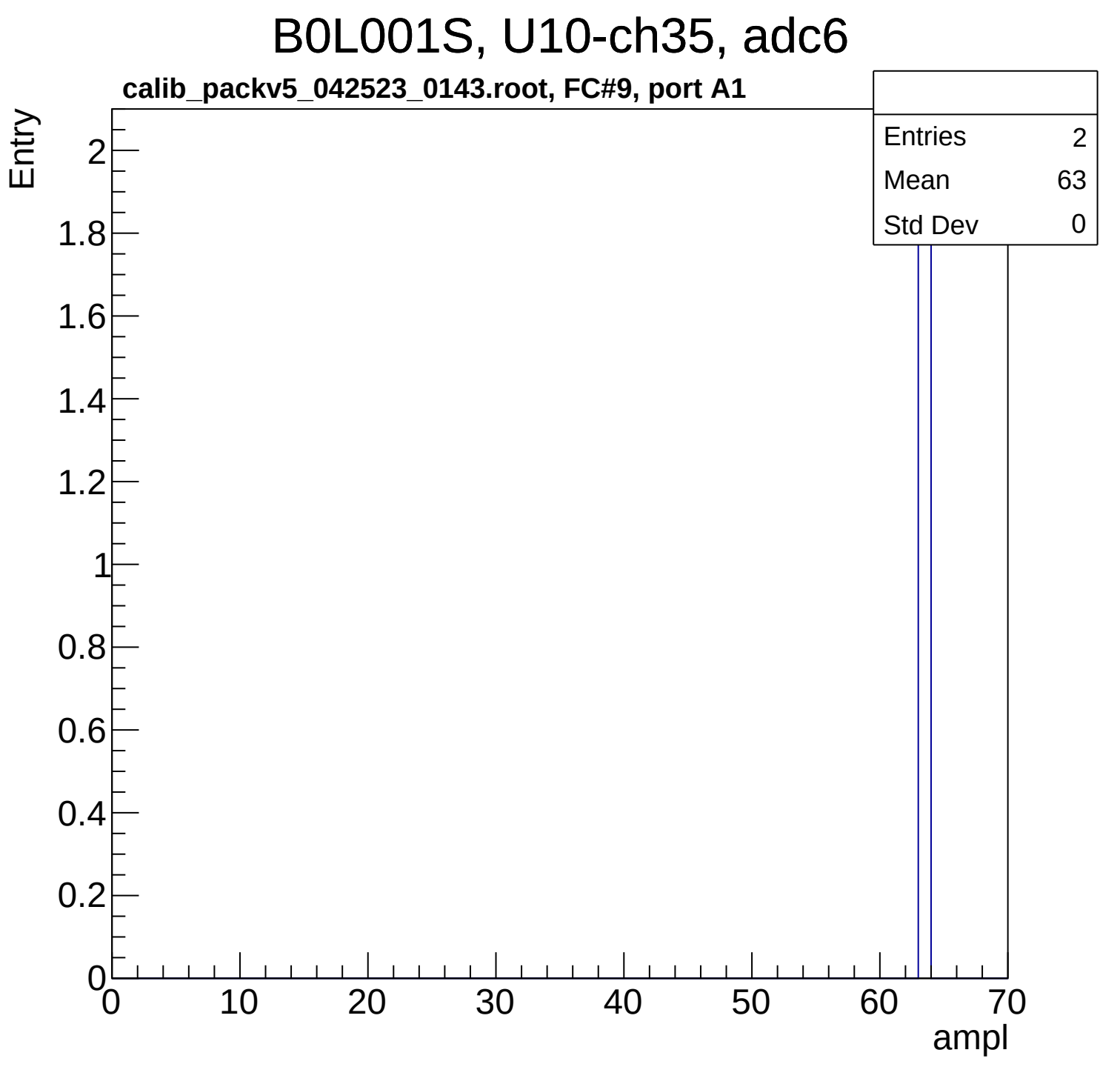
B0L001S, U10-ch35, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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40
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60
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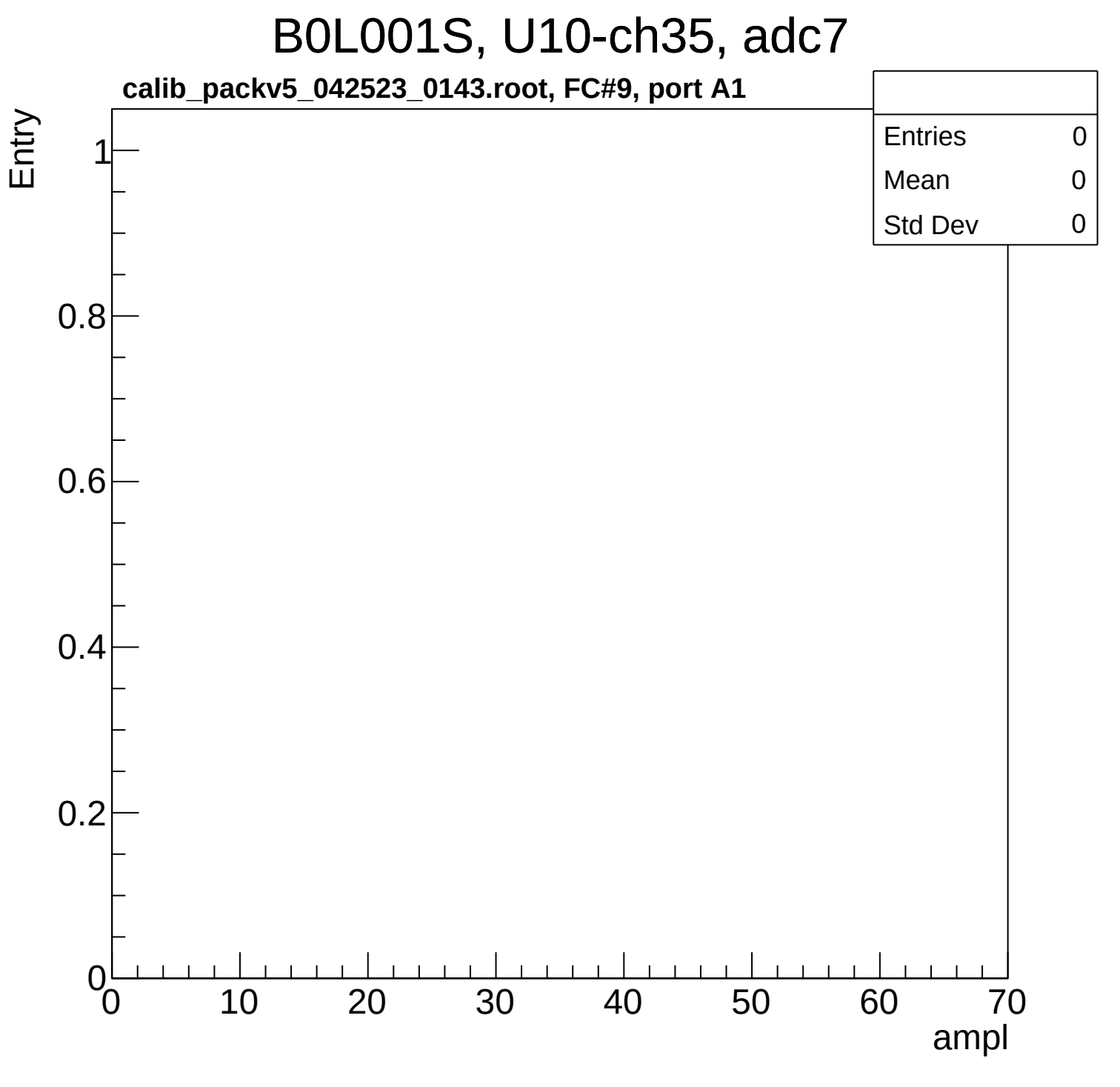
B0L001S, U10-ch35, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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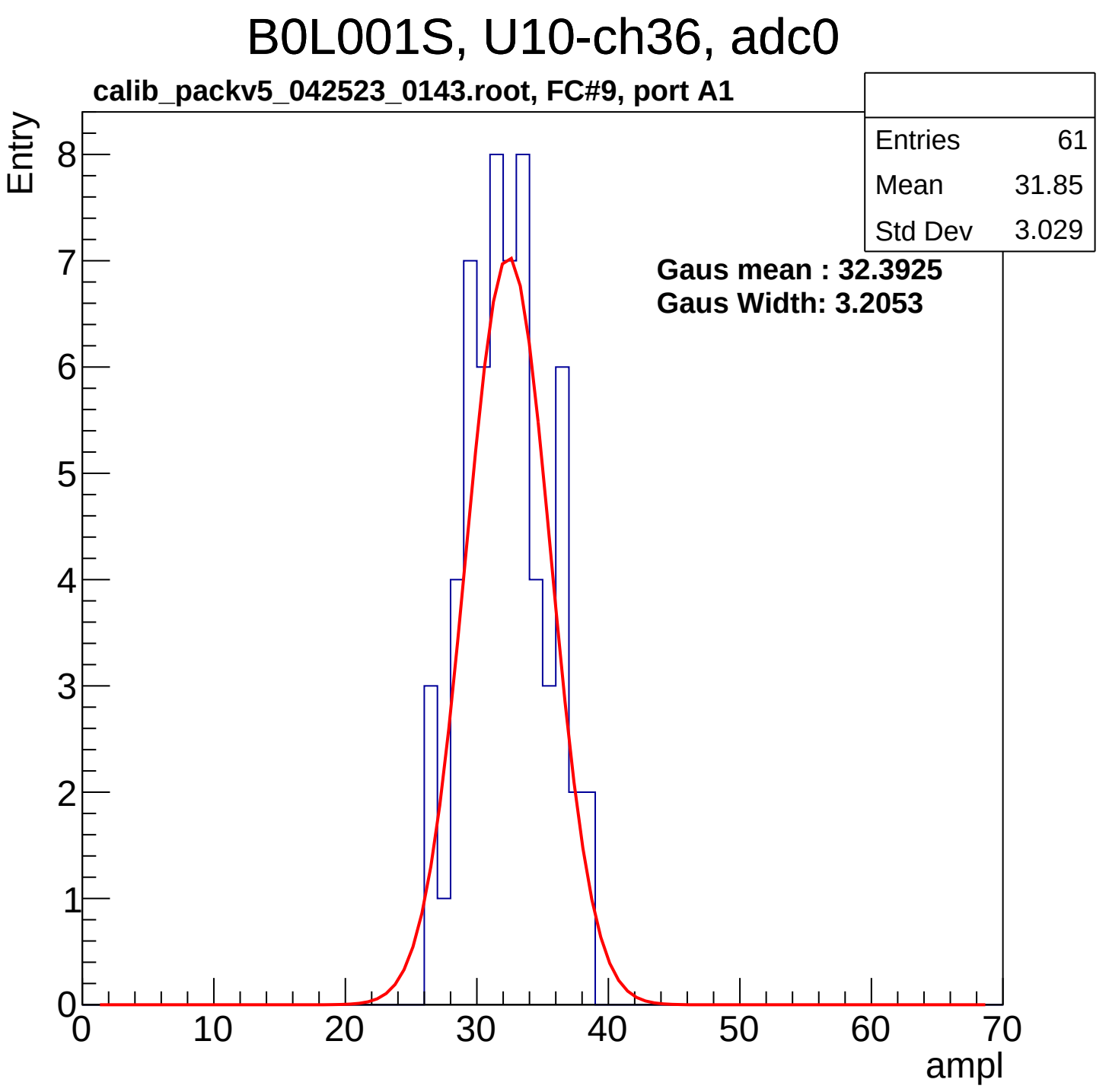
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch36, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 31.85
Std Dev 3.029
Gaus mean : 32.3925
Gaus Width: 3.2053
Entry
ampl
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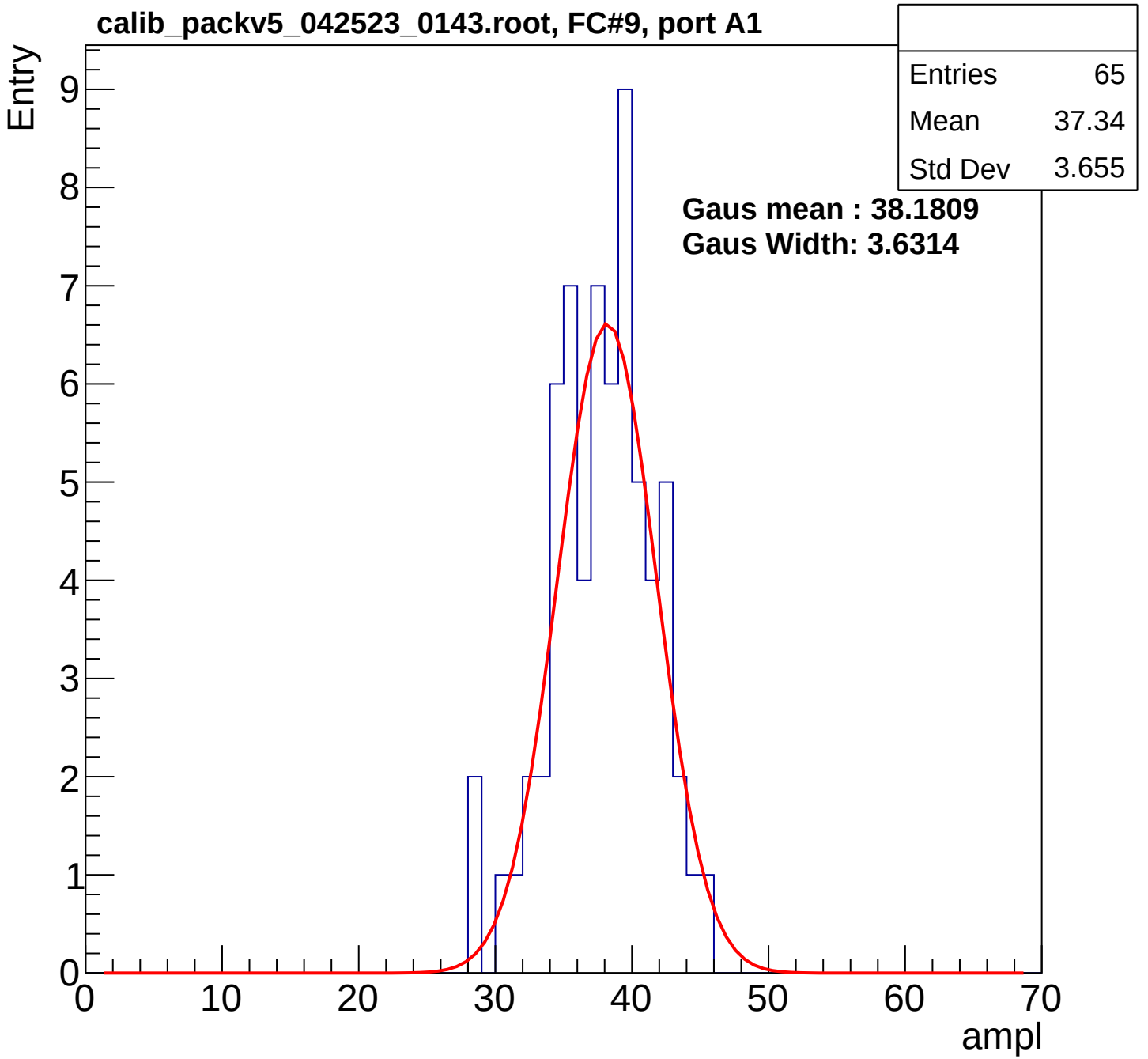
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch36, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 37.34
Std Dev 3.655
Gaus mean : 38.1809
Gaus Width: 3.6314
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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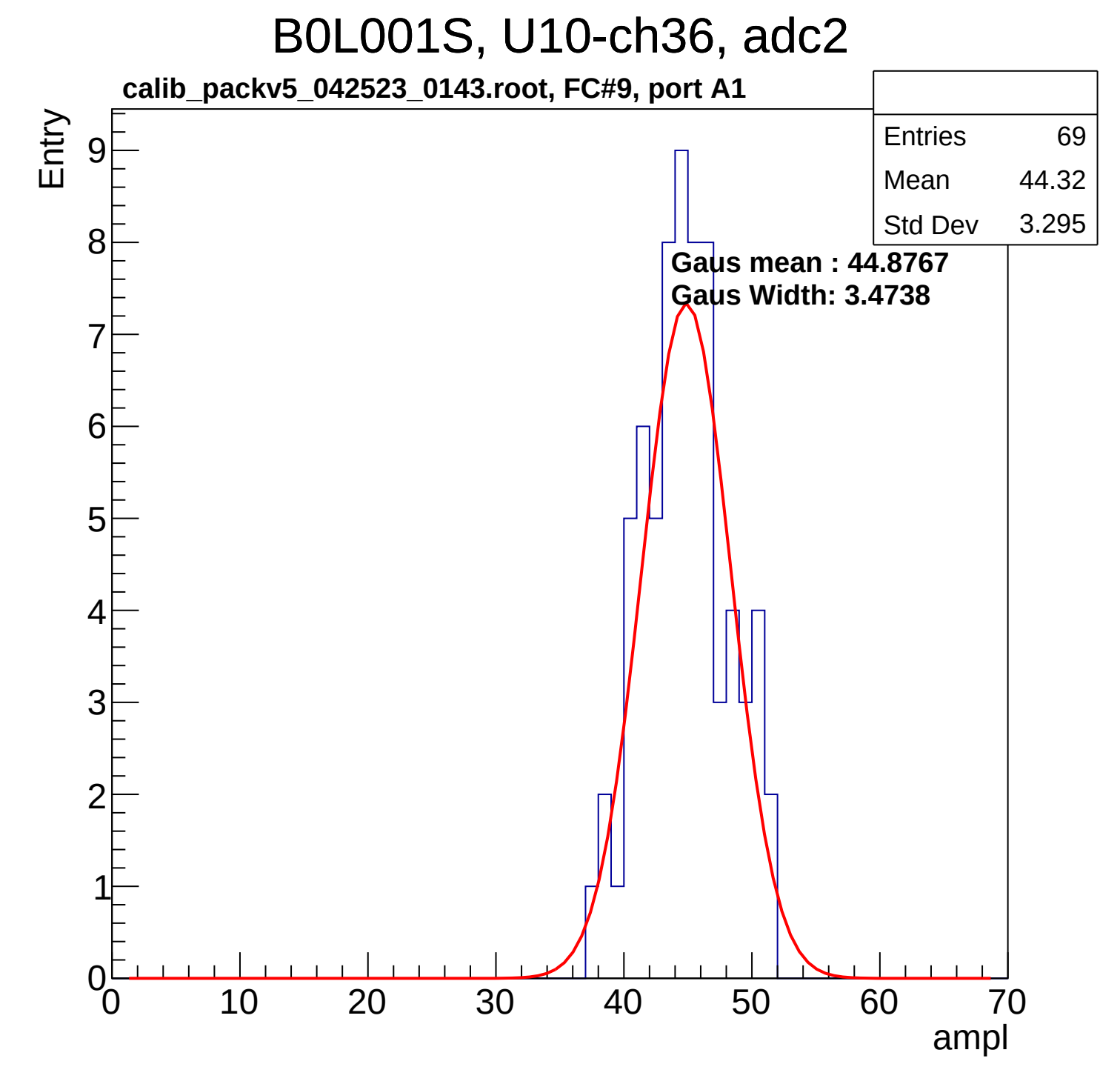
B0L001S, U10-ch36, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.32
Std Dev 3.295
Gaus mean : 44.8767
Gaus Width: 3.4738
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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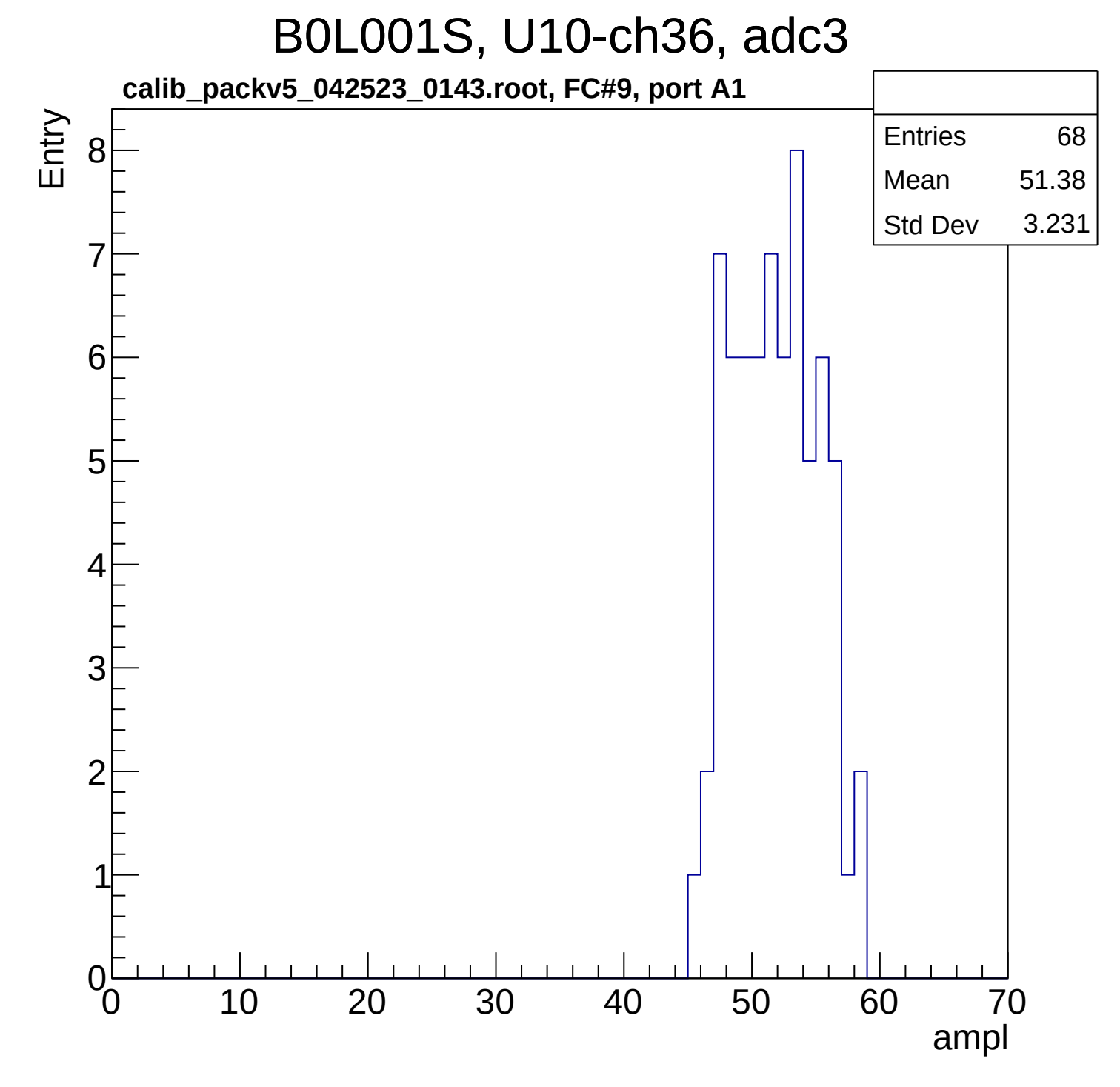
B0L001S, U10-ch36, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 51.38
Std Dev 3.231
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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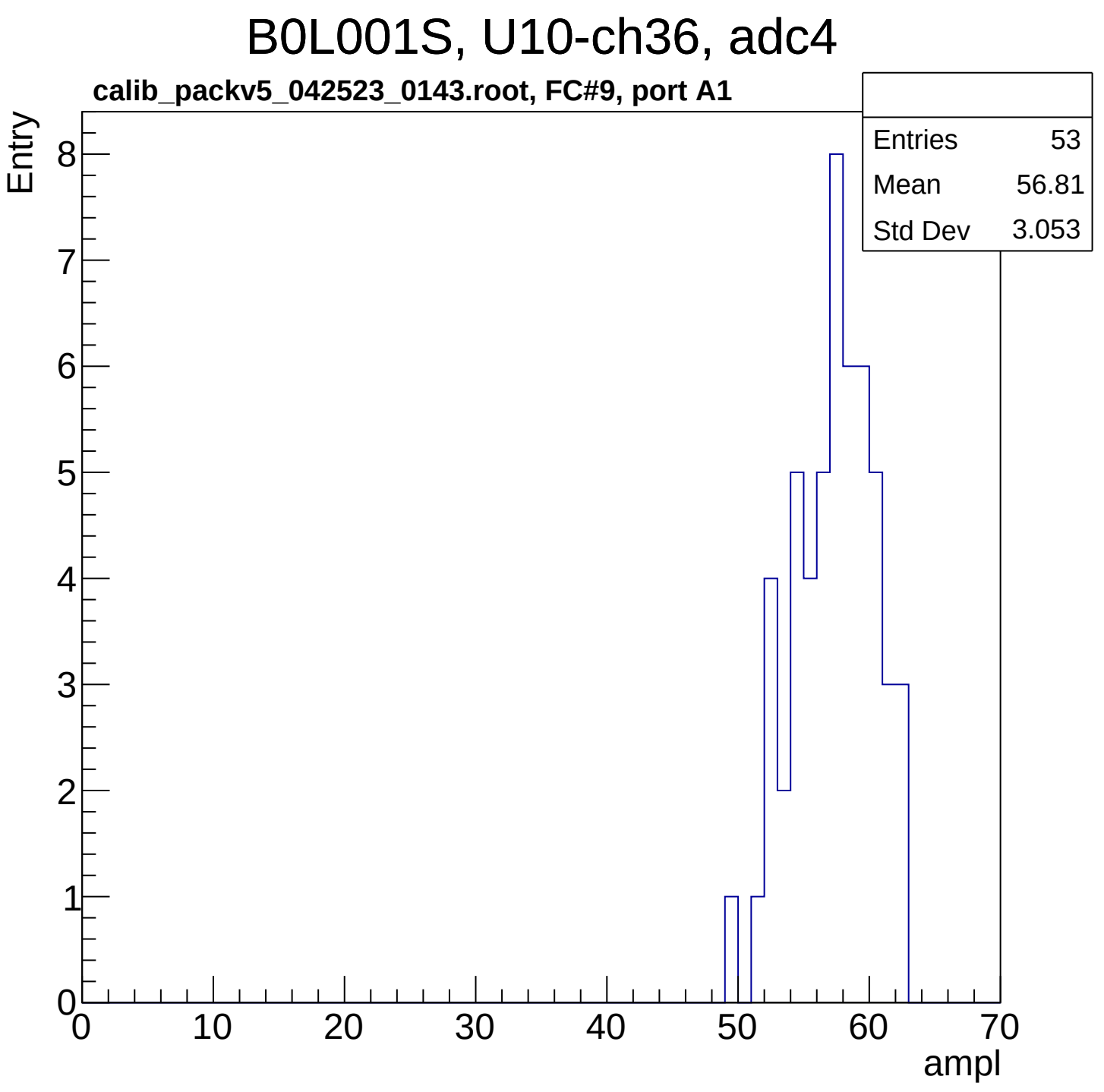
B0L001S, U10-ch36, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 56.81
Std Dev 3.053
Entry
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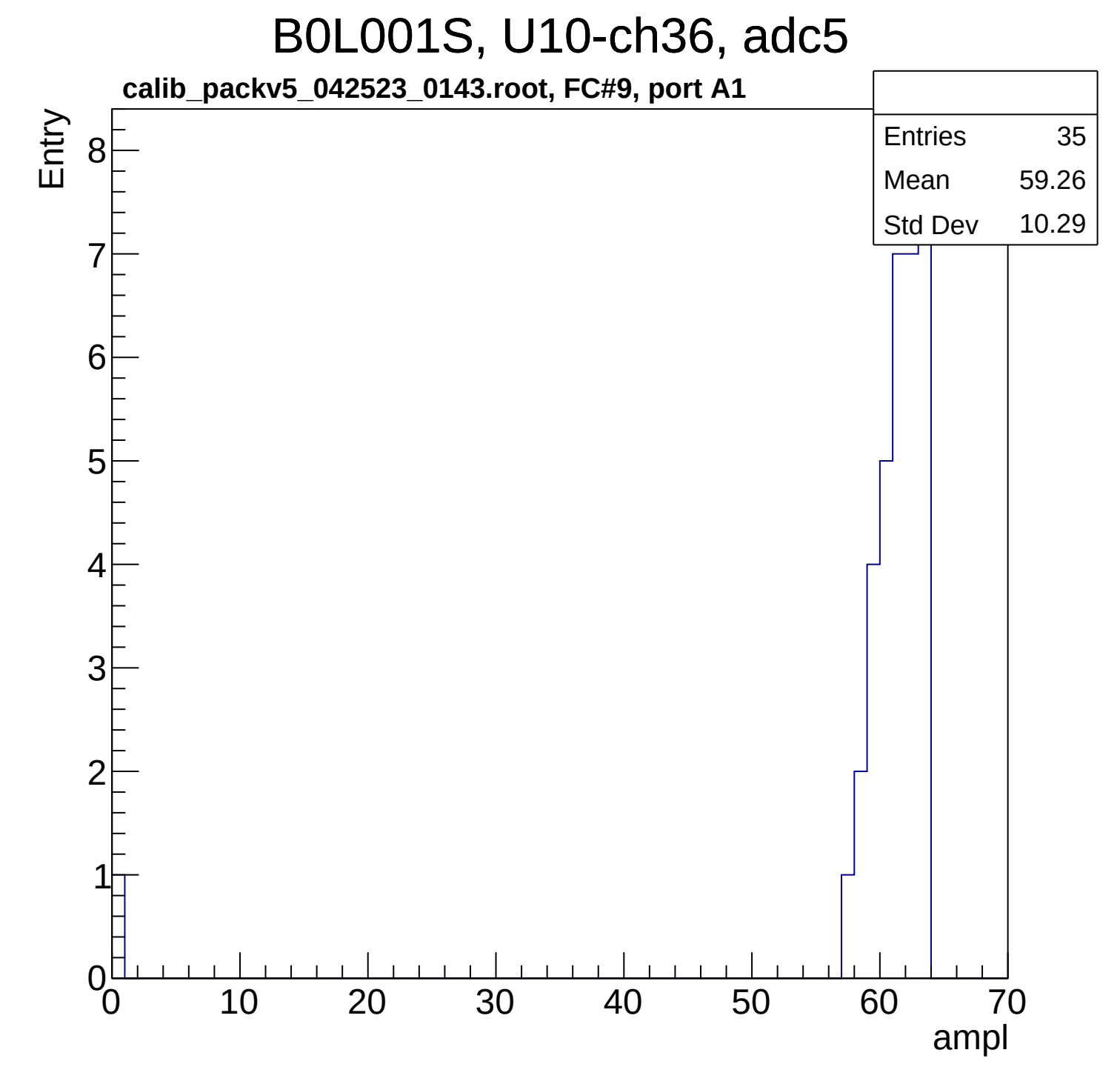
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch36, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 59.26
Std Dev 10.29
Entry
ampl
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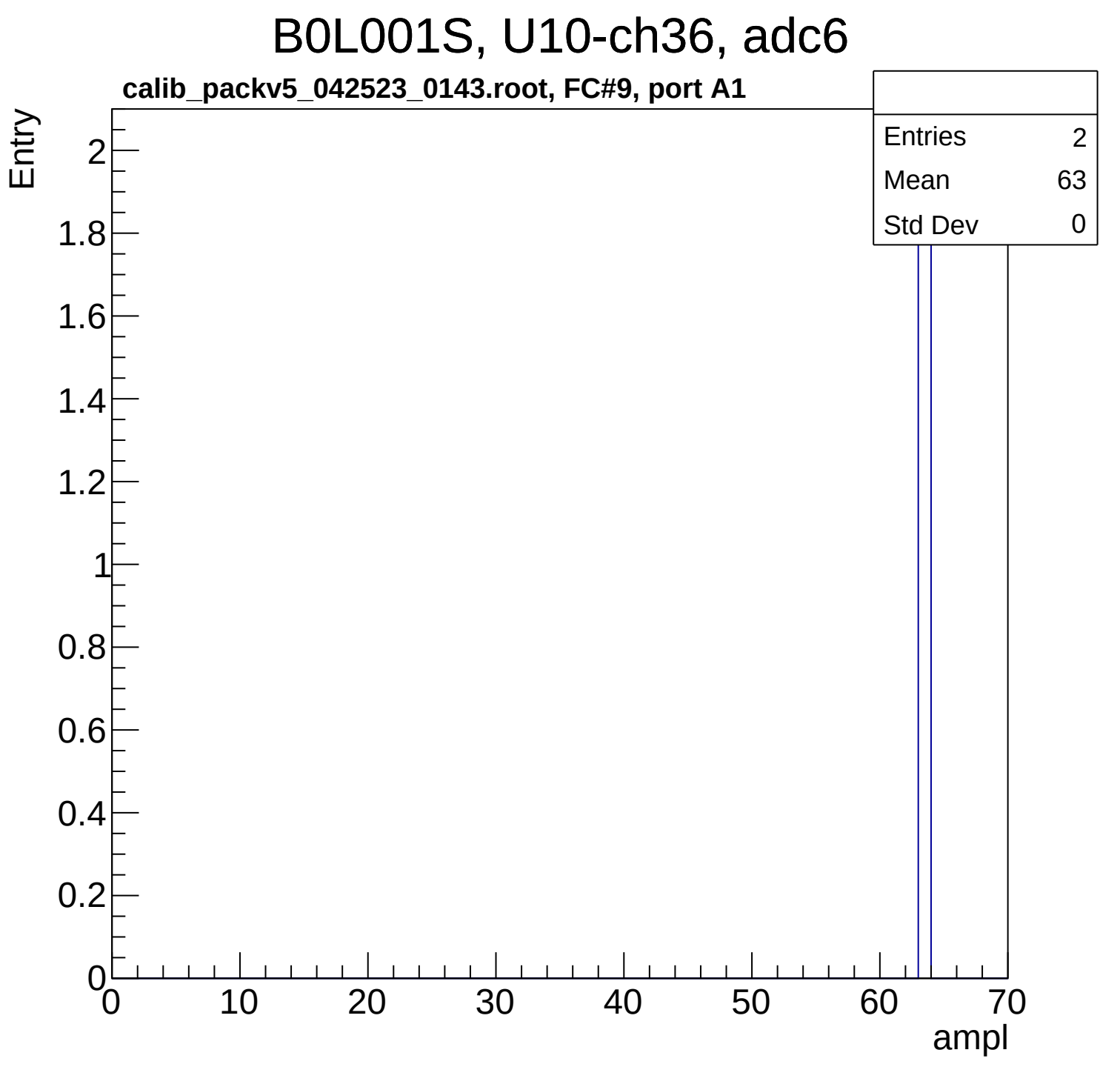
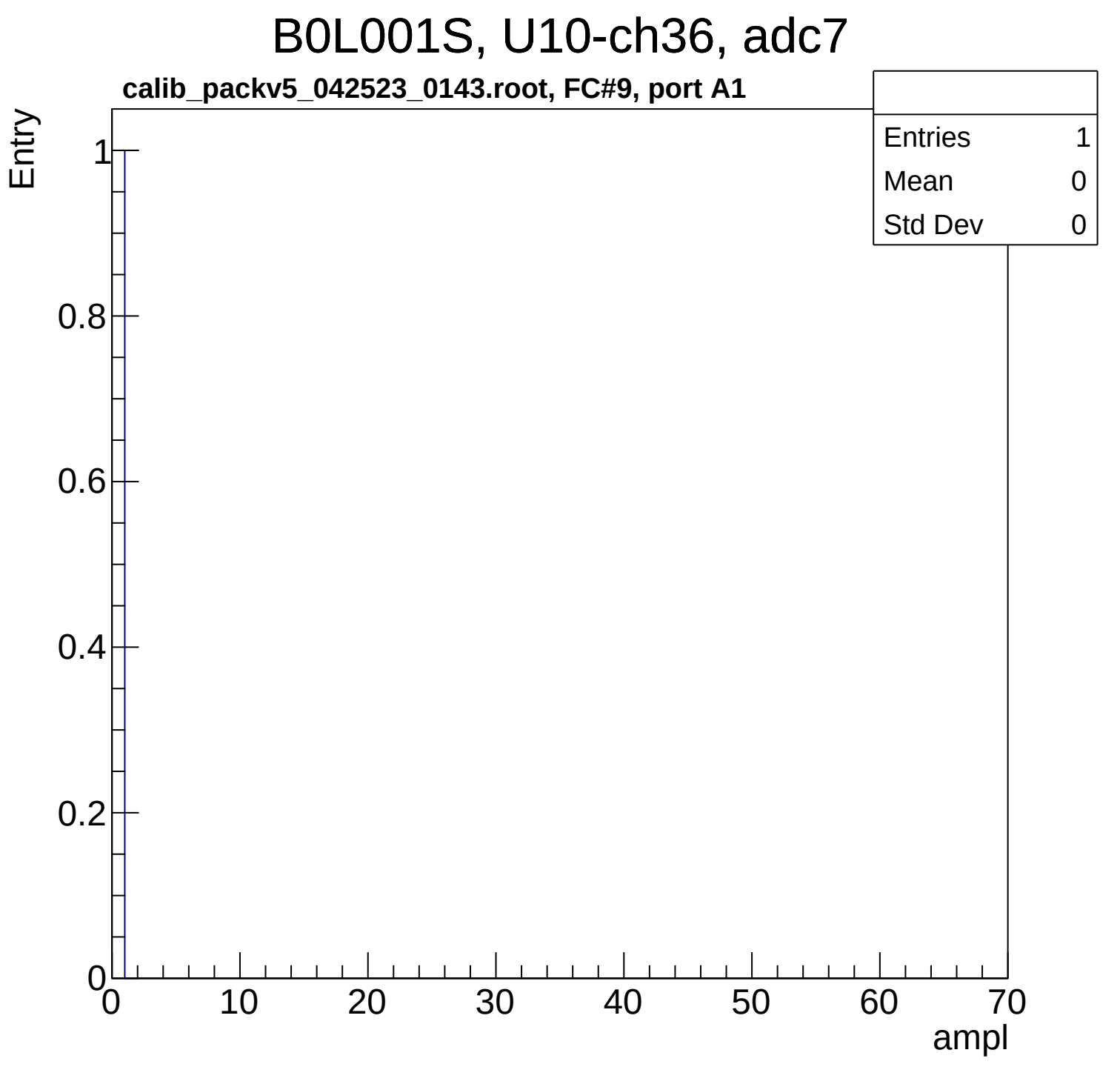
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch36, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch36, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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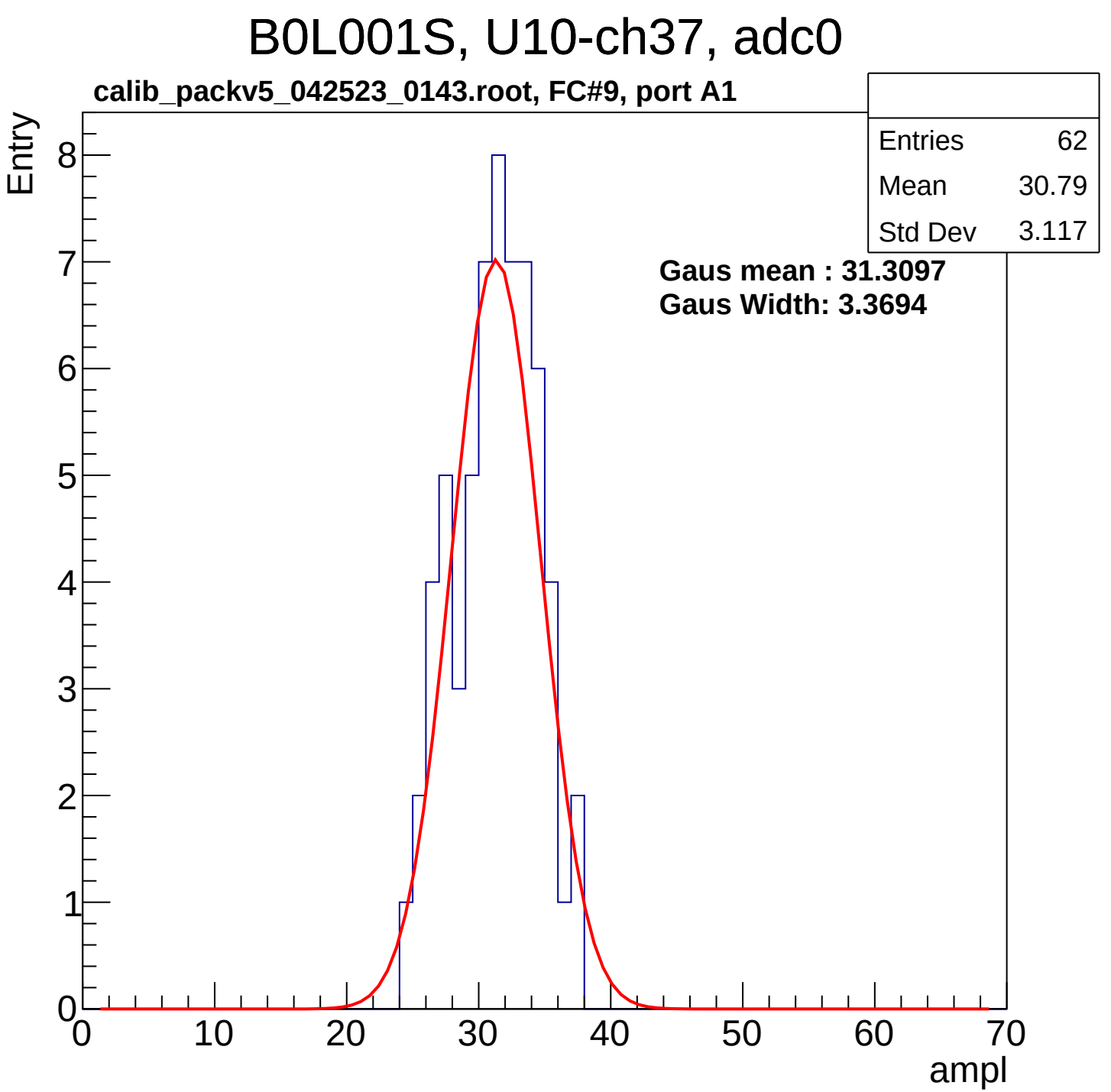
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch37, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 30.79
Std Dev 3.117
Gaus mean : 31.3097
Gaus Width: 3.3694
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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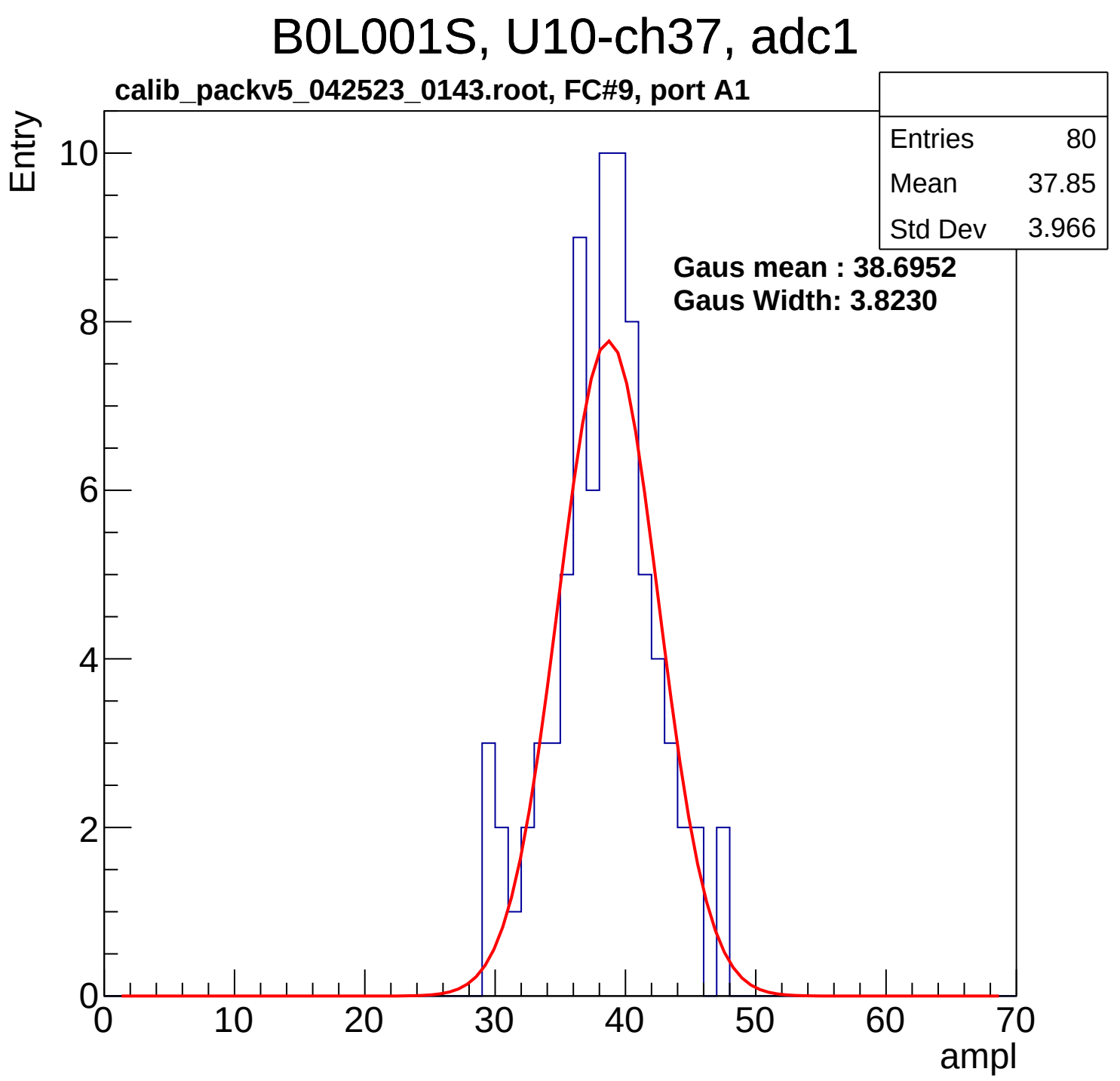
B0L001S, U10-ch37, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 37.85
Std Dev 3.966
Gaus mean : 38.6952
Gaus Width: 3.8230
Entry
ampl
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4
6
8
10
0
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20
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40
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60
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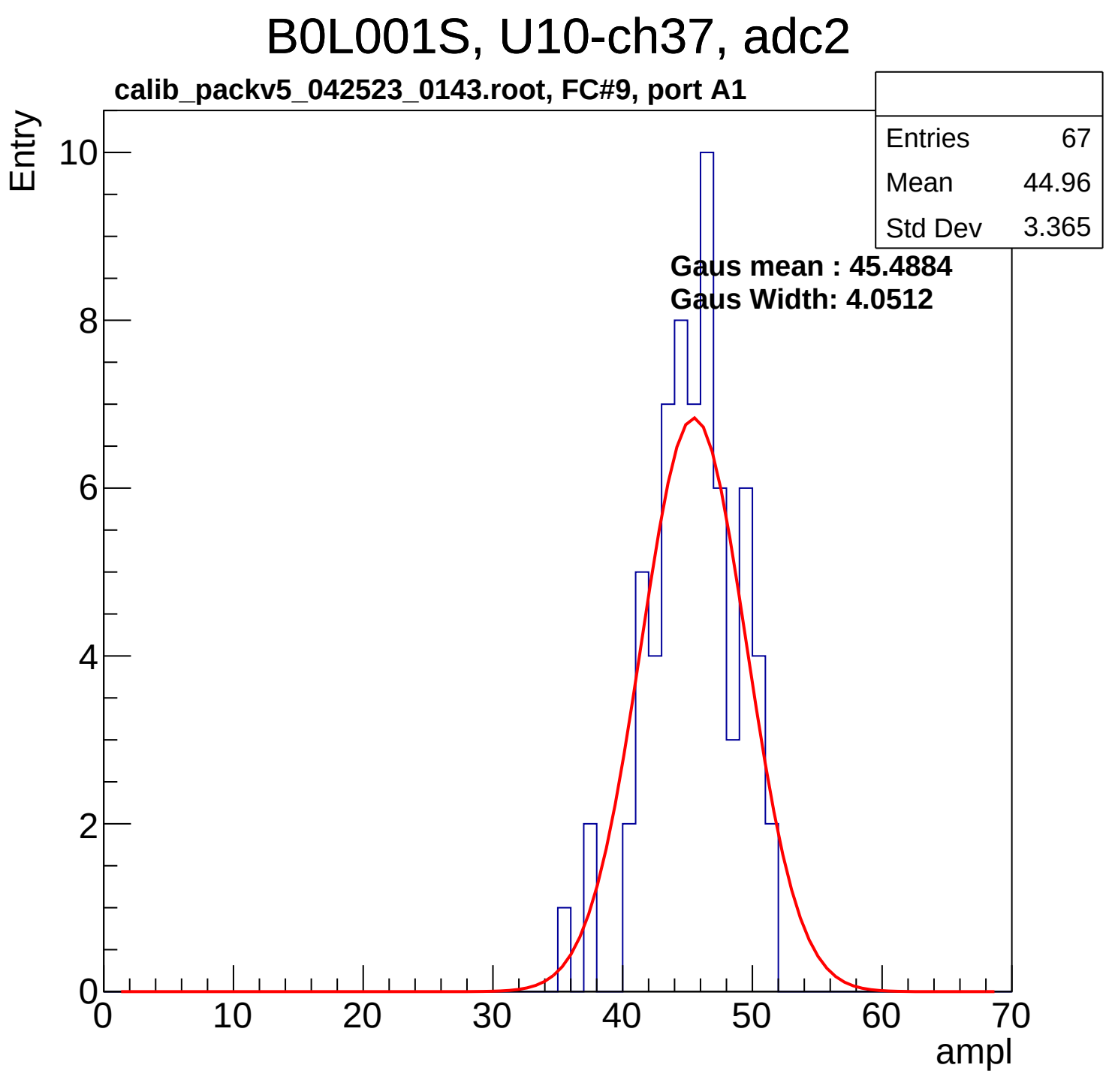
B0L001S, U10-ch37, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 44.96
Std Dev 3.365
Gaus mean : 45.4884
Gaus Width: 4.0512
Entry
ampl
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4
6
8
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0
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40
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60
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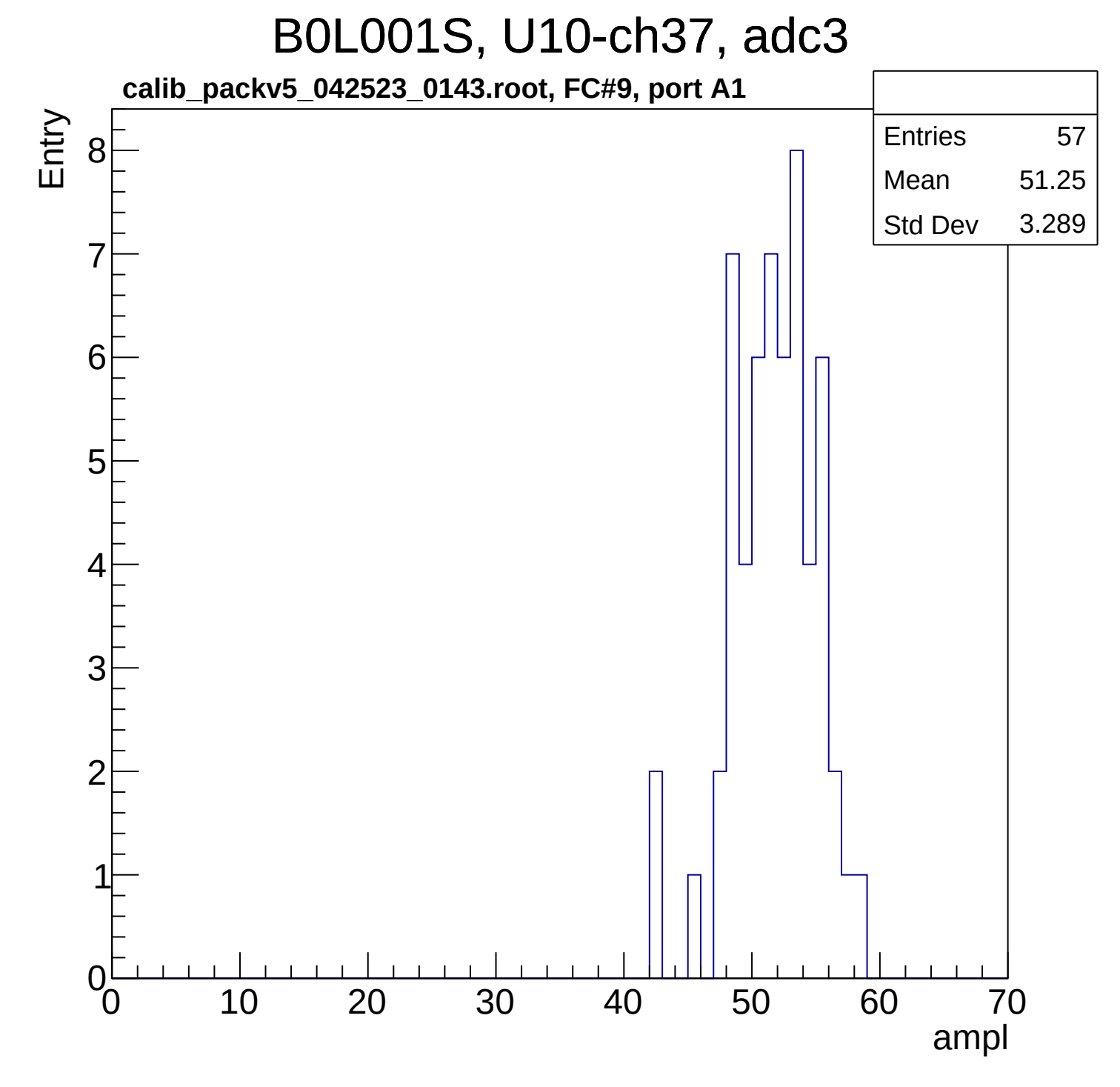
B0L001S, U10-ch37, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 51.25
Std Dev 3.289
Entry
ampl
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4
5
6
7
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0
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60
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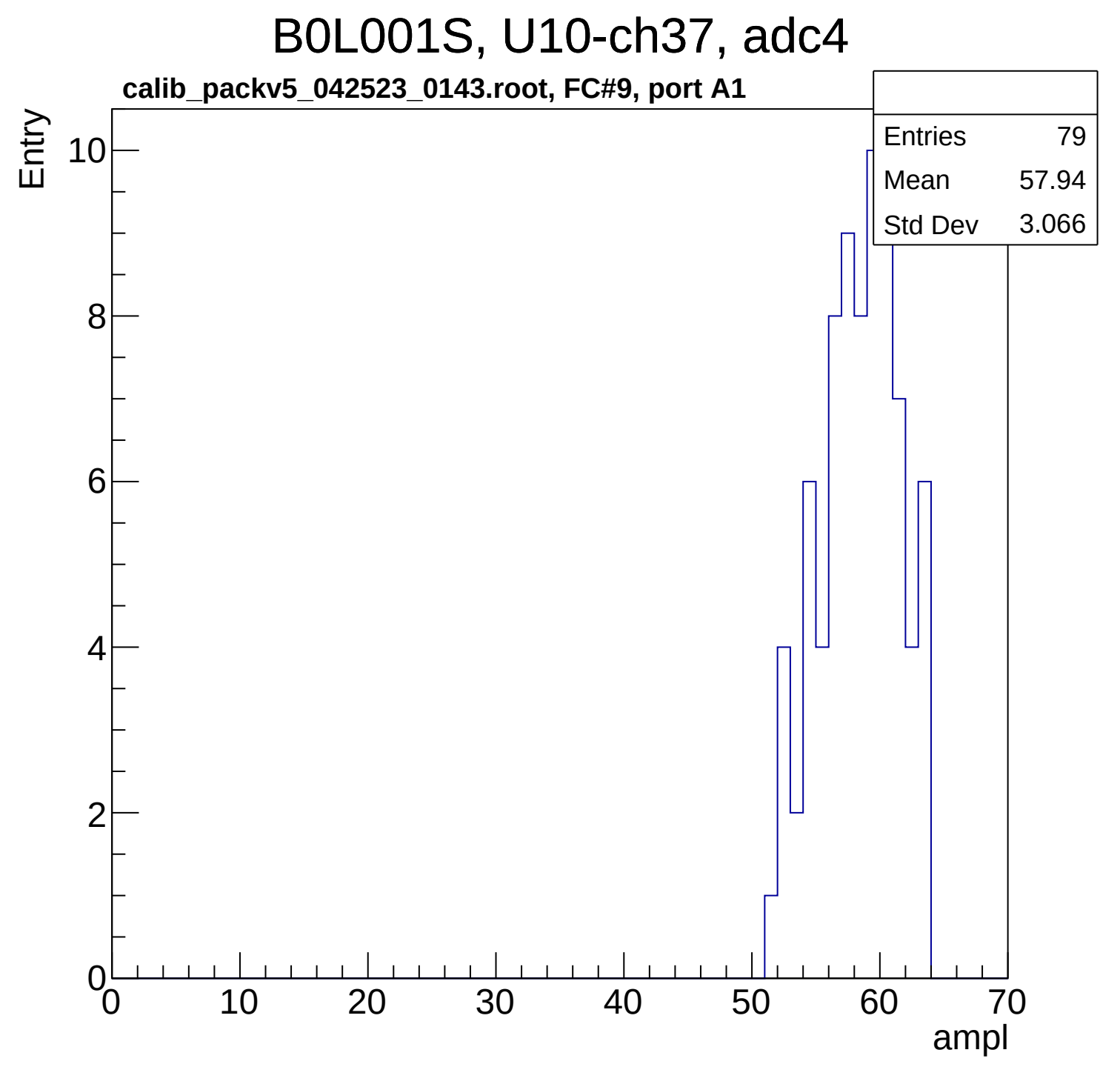
B0L001S, U10-ch37, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 57.94
Std Dev 3.066
Entry
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4
6
8
10
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10
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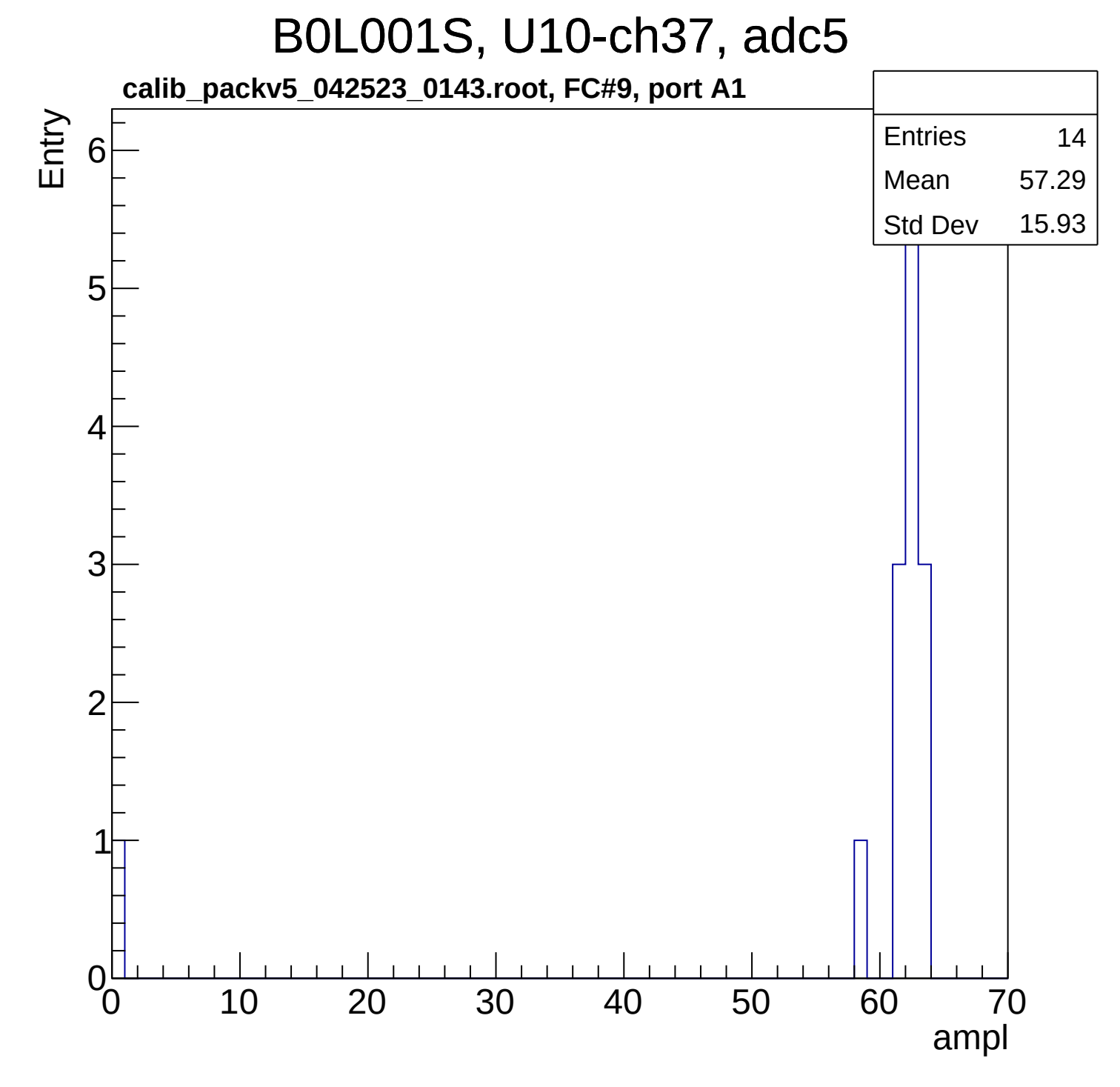
50
60
70
ampl


B0L001S, U10-ch37, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 14
Mean 57.29
Std Dev 15.93
Entry
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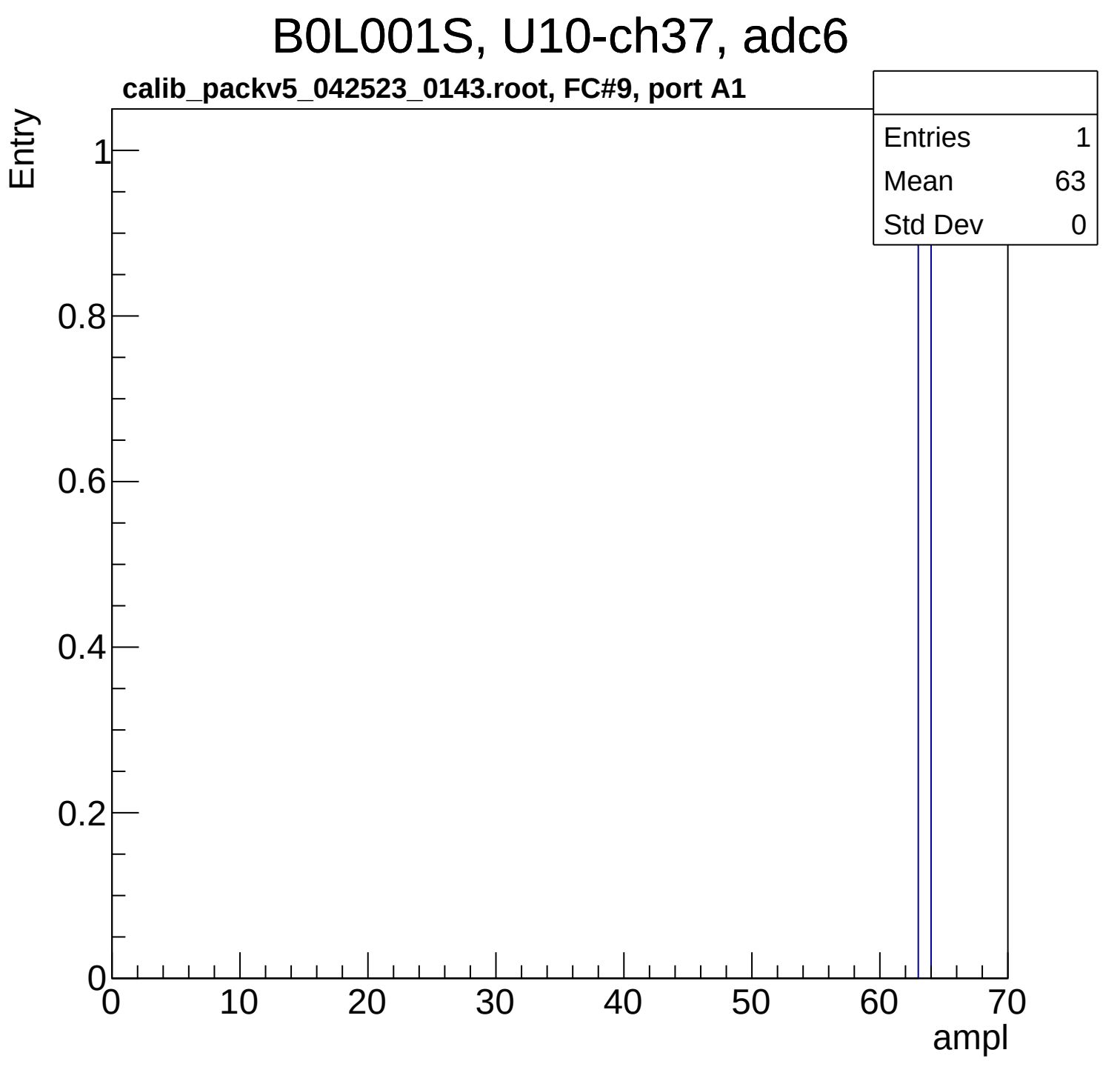
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch37, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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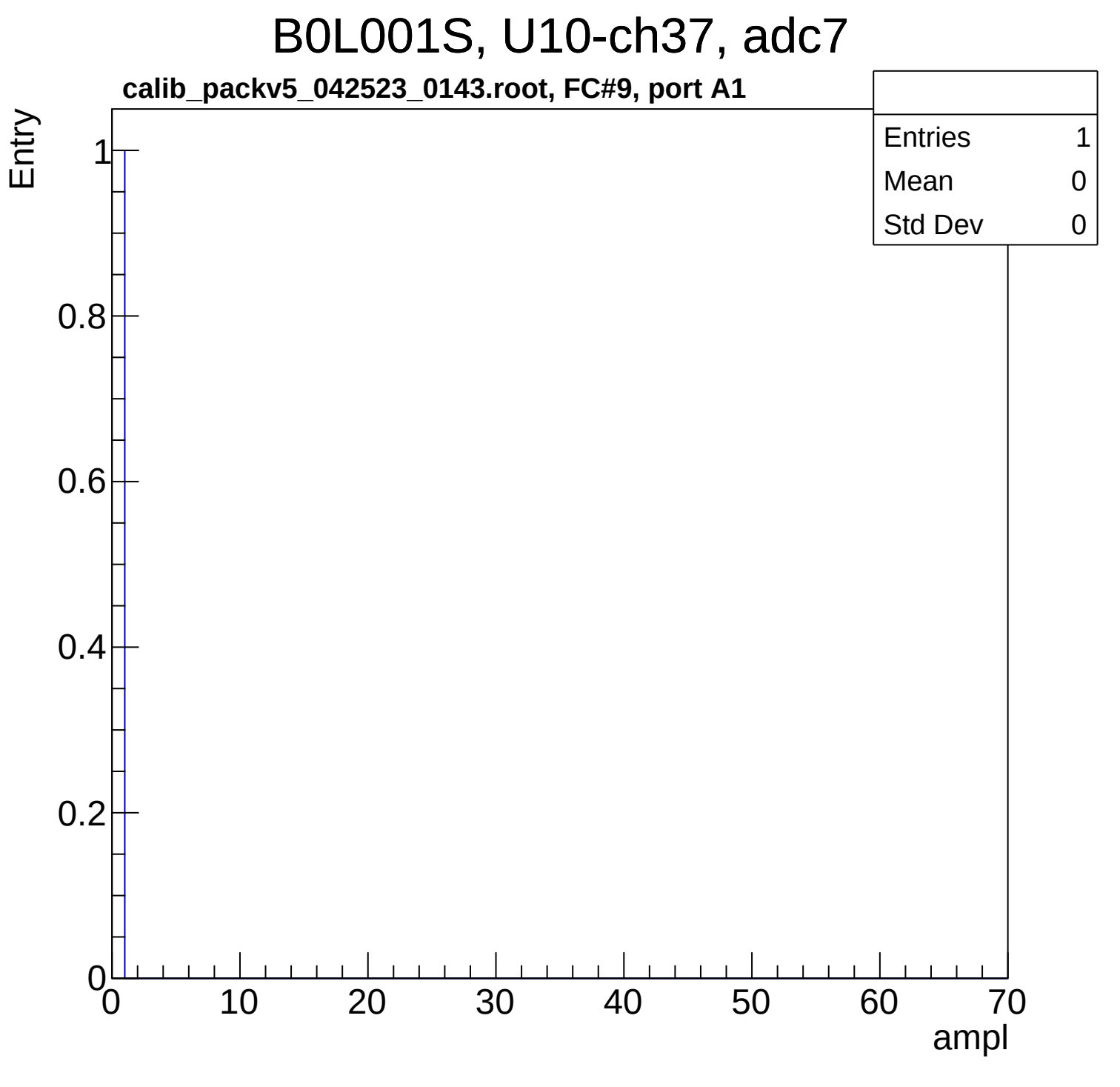
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch37, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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50
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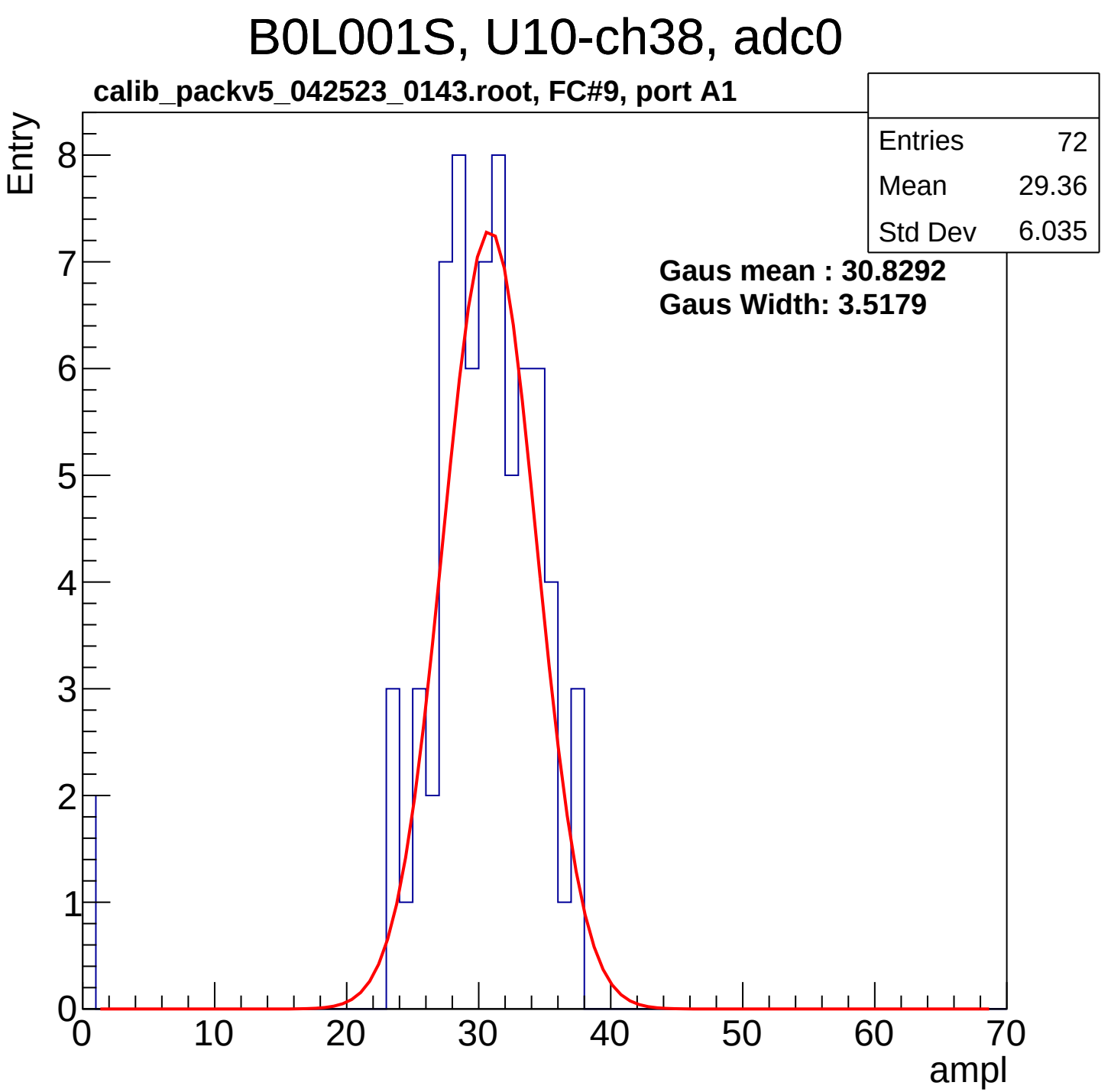
70
ampl


B0L001S, U10-ch38, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 29.36
Std Dev 6.035
Gaus mean : 30.8292
Gaus Width: 3.5179
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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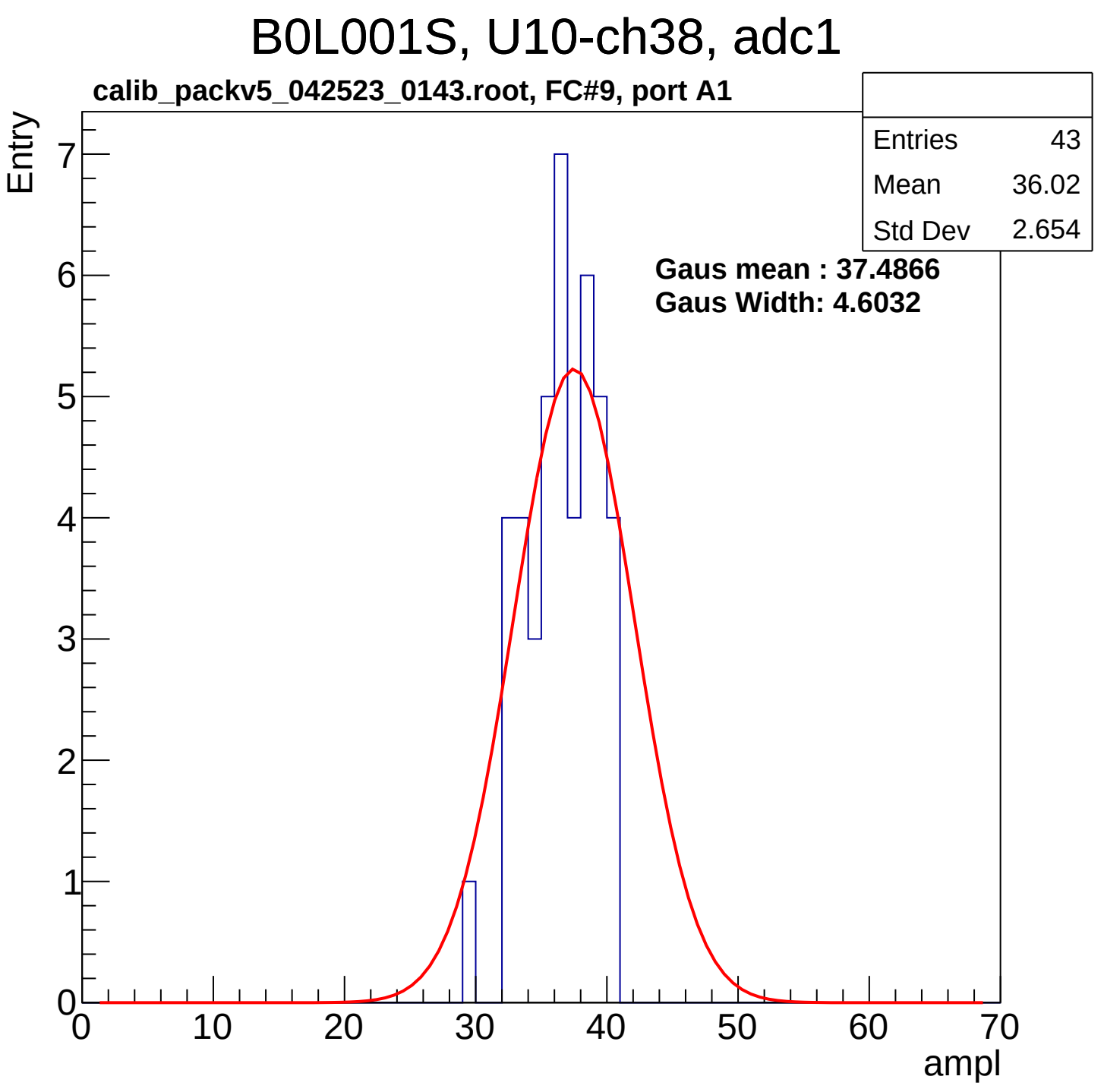
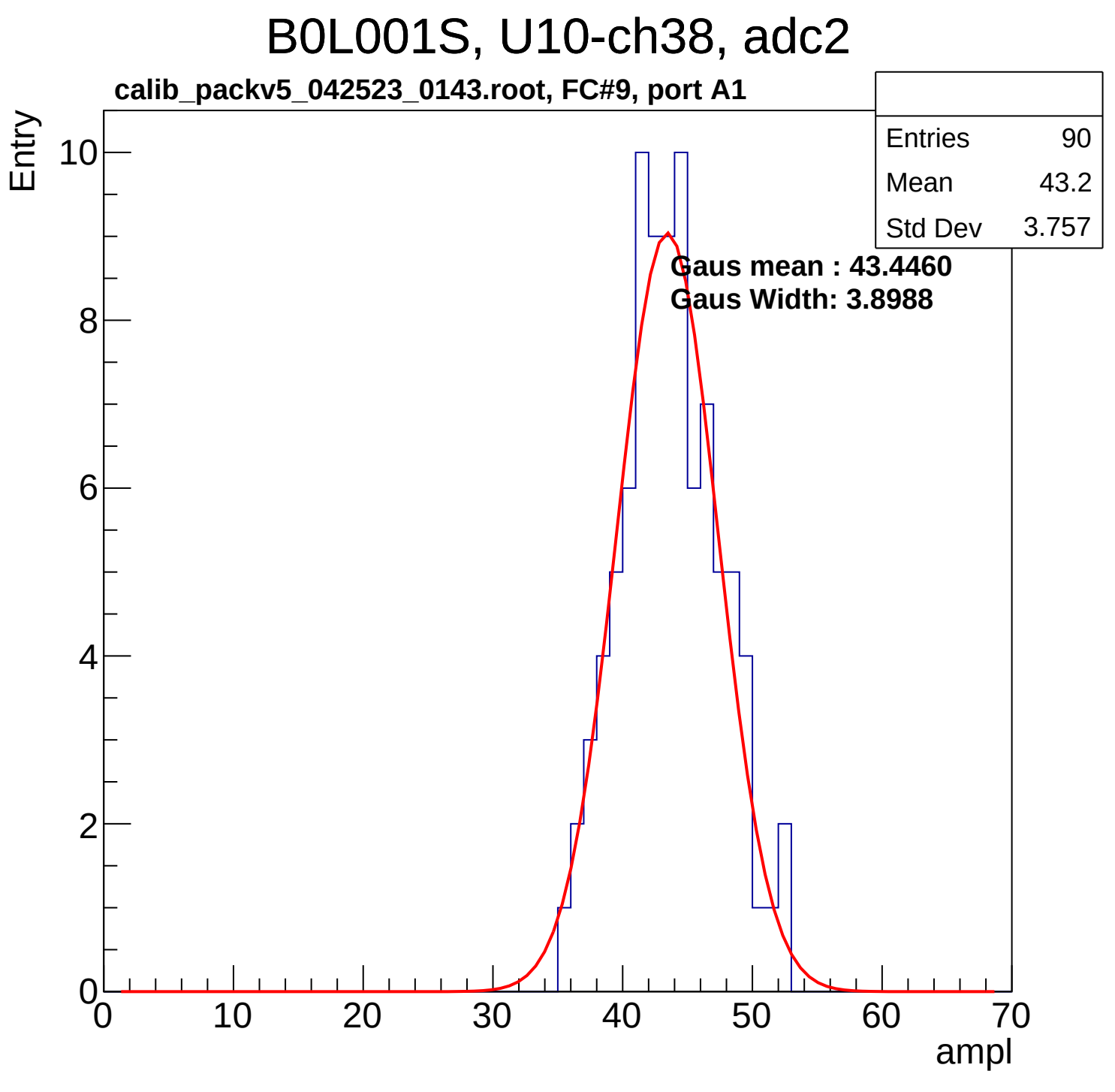
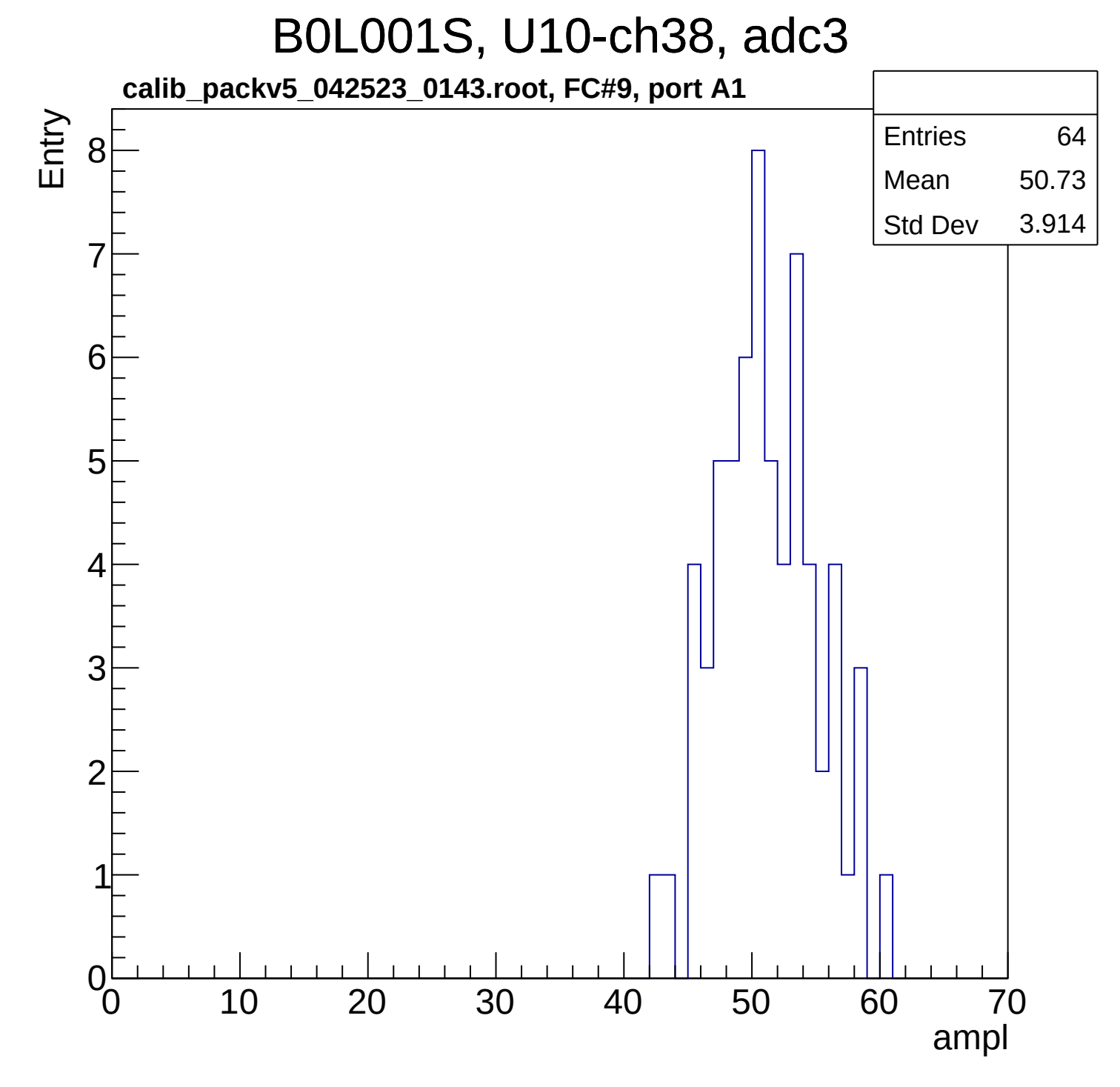

B0L001S, U10-ch38, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 36.02
Std Dev 2.654
Gaus mean : 37.4866
Gaus Width: 4.6032
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch38, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 90
Mean 43.2
Std Dev 3.757
Gaus mean : 43.4460
Gaus Width: 3.8988
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch38, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 50.73
Std Dev 3.914
Entry
ampl
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1
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3
4
5
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7
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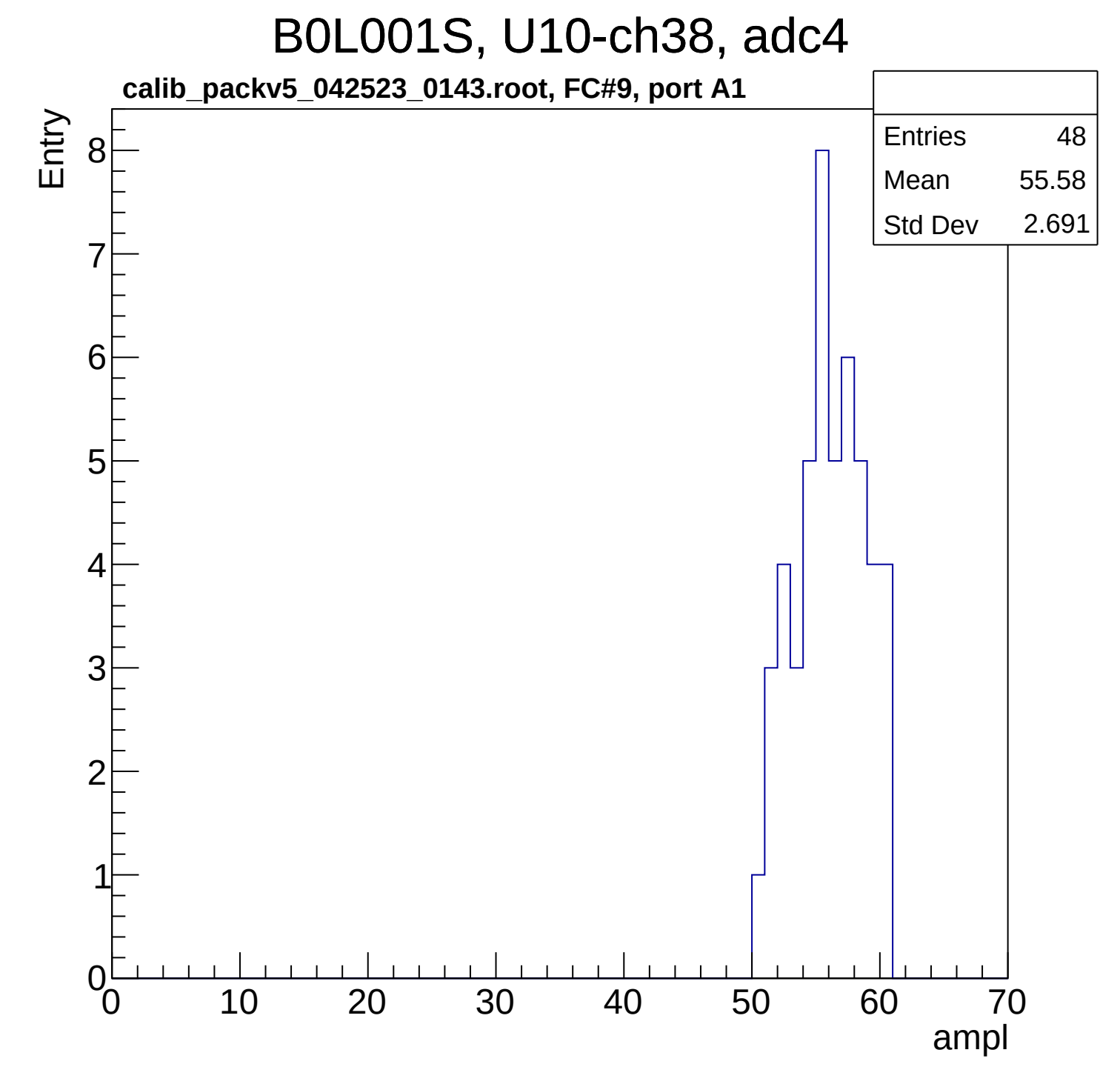
B0L001S, U10-ch38, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 55.58
Std Dev 2.691
Entry
ampl
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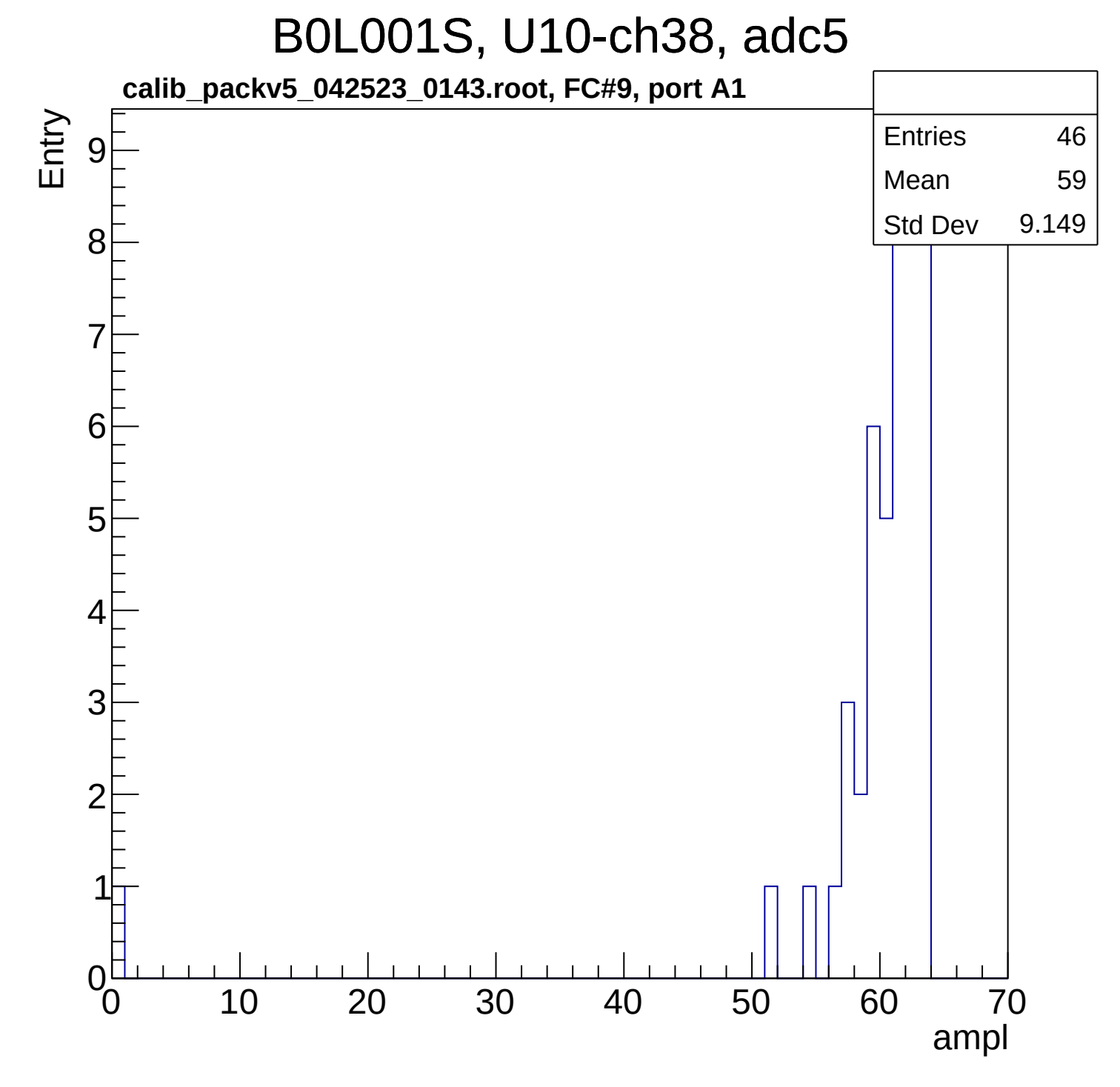
B0L001S, U10-ch38, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 59
Std Dev 9.149
Entry
ampl
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3
4
5
6
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8
9
0
10
20
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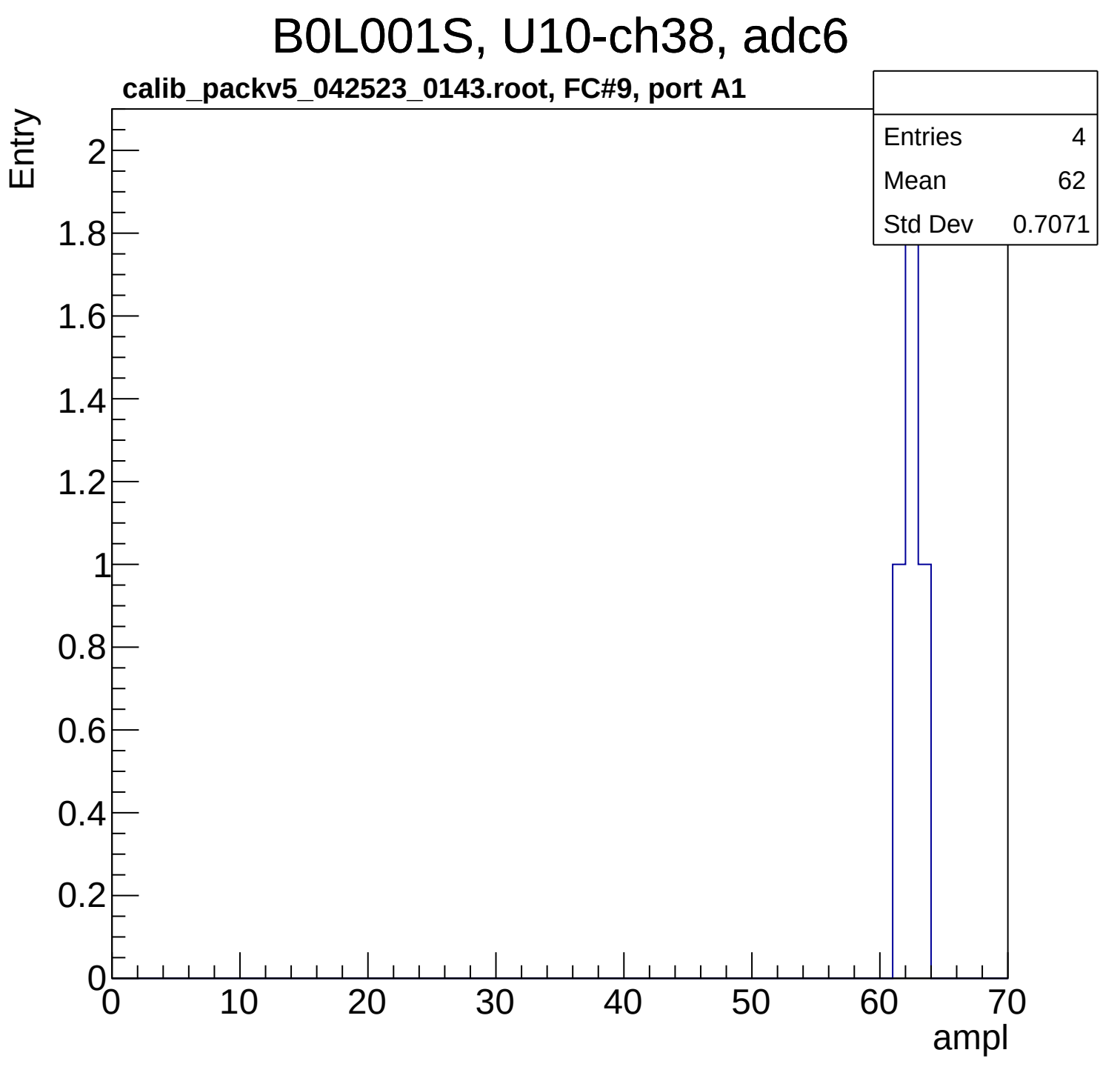
40
50
60
70


B0L001S, U10-ch38, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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
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40
50
60
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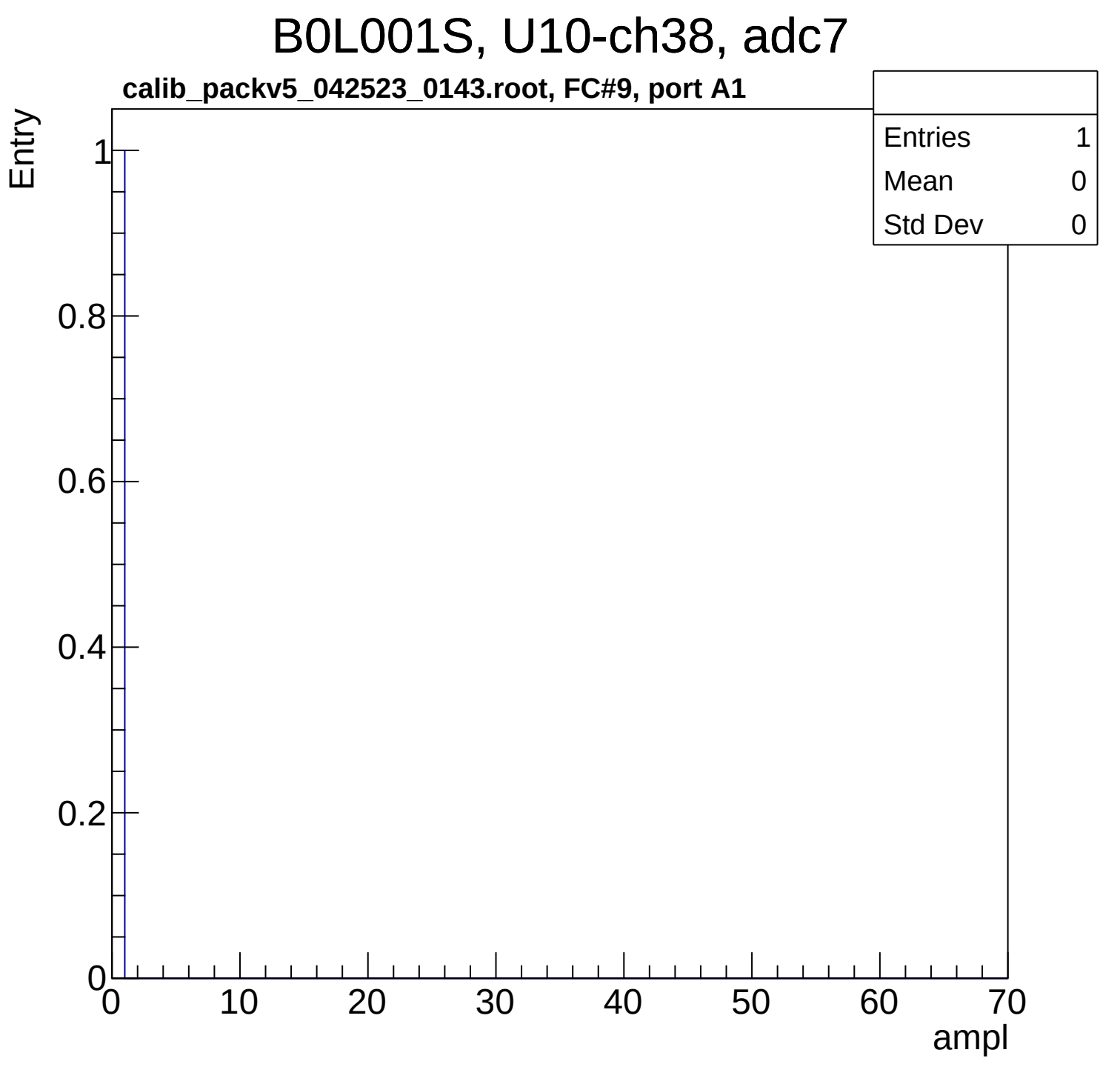
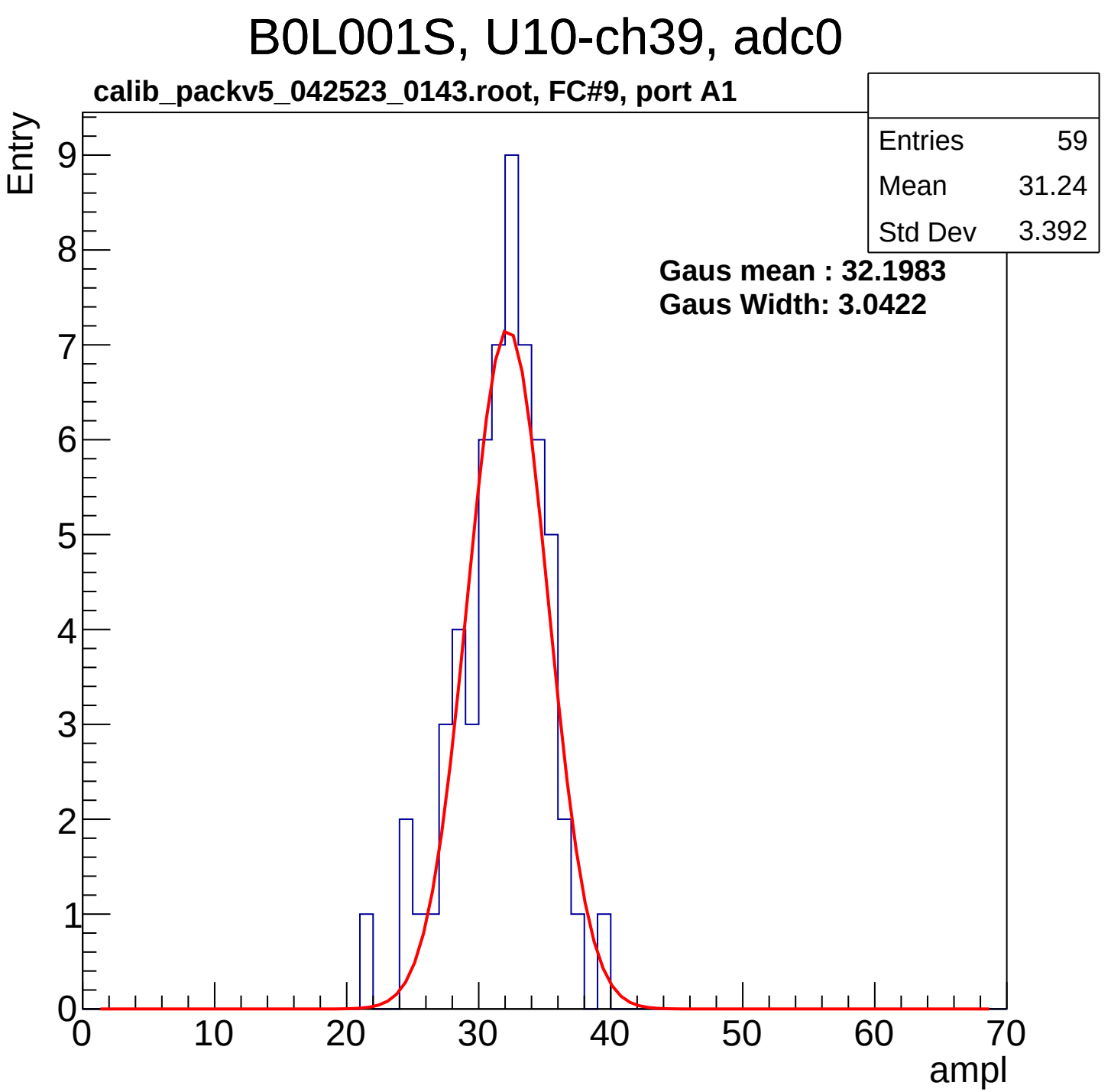

B0L001S, U10-ch38, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch39, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 31.24
Std Dev 3.392
Gaus mean : 32.1983
Gaus Width: 3.0422
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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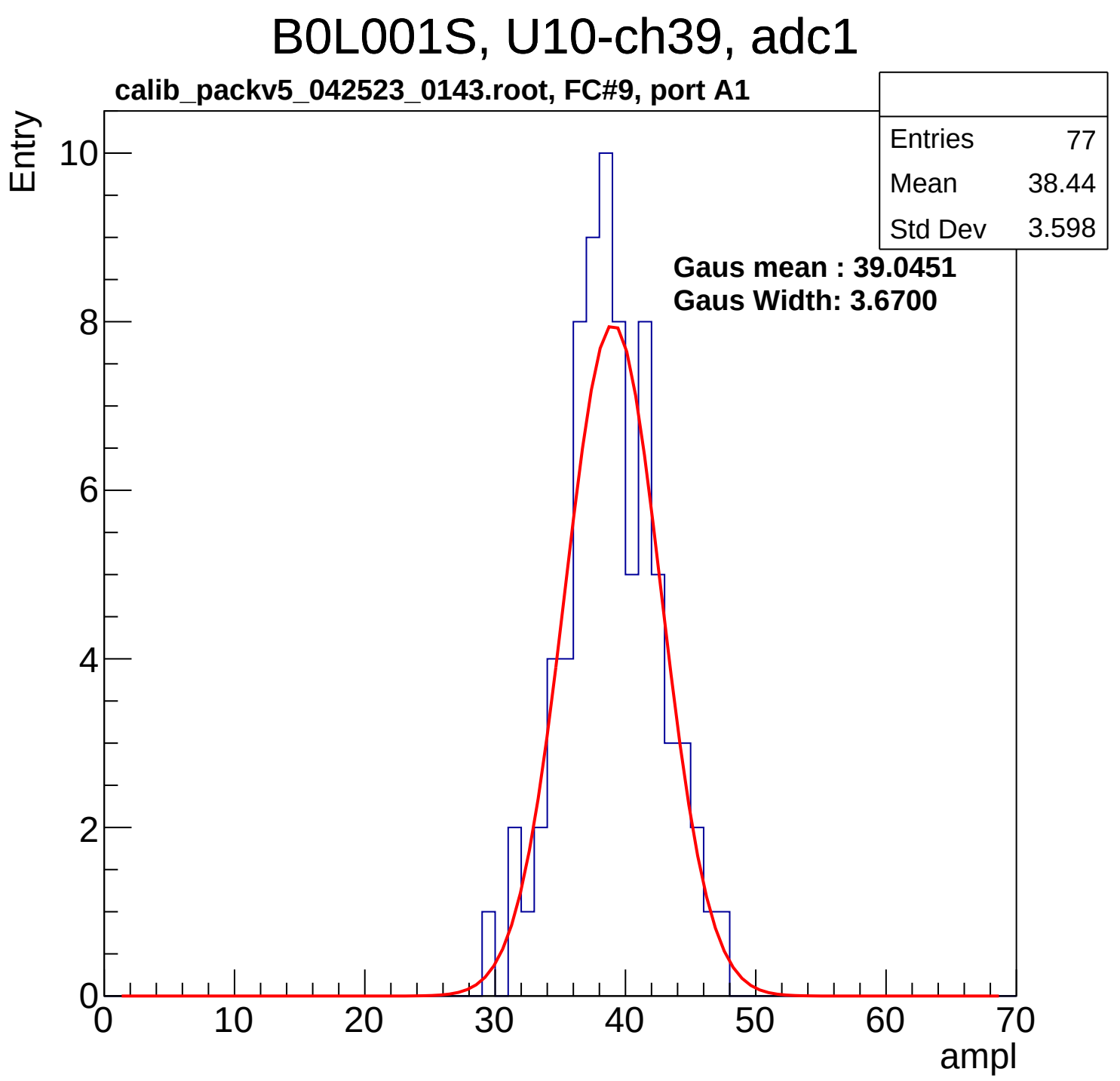
B0L001S, U10-ch39, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 38.44
Std Dev 3.598
Gaus mean : 39.0451
Gaus Width: 3.6700
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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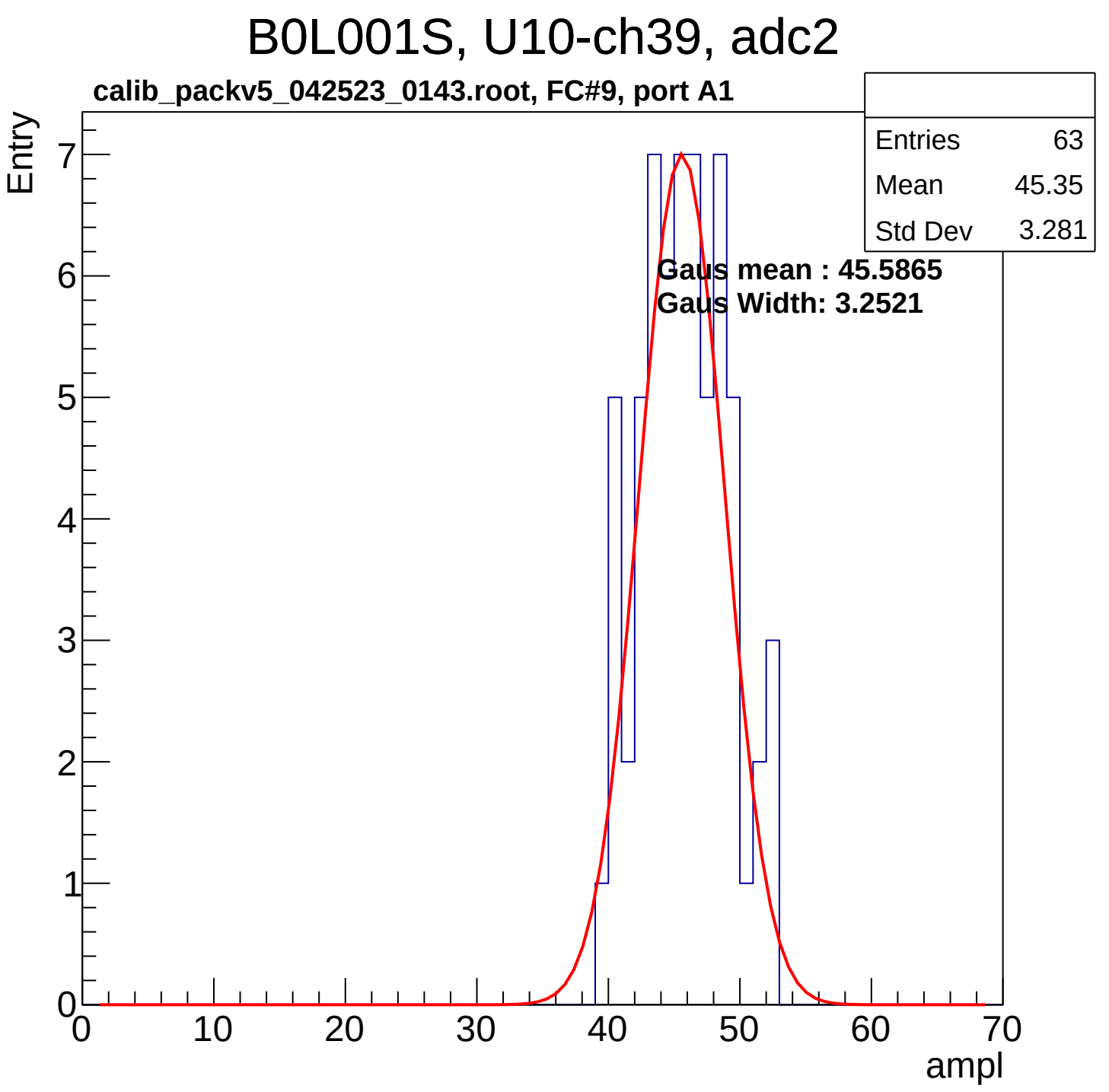
B0L001S, U10-ch39, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 45.35
Std Dev 3.281
Gaus mean : 45.5865
Gaus Width: 3.2521
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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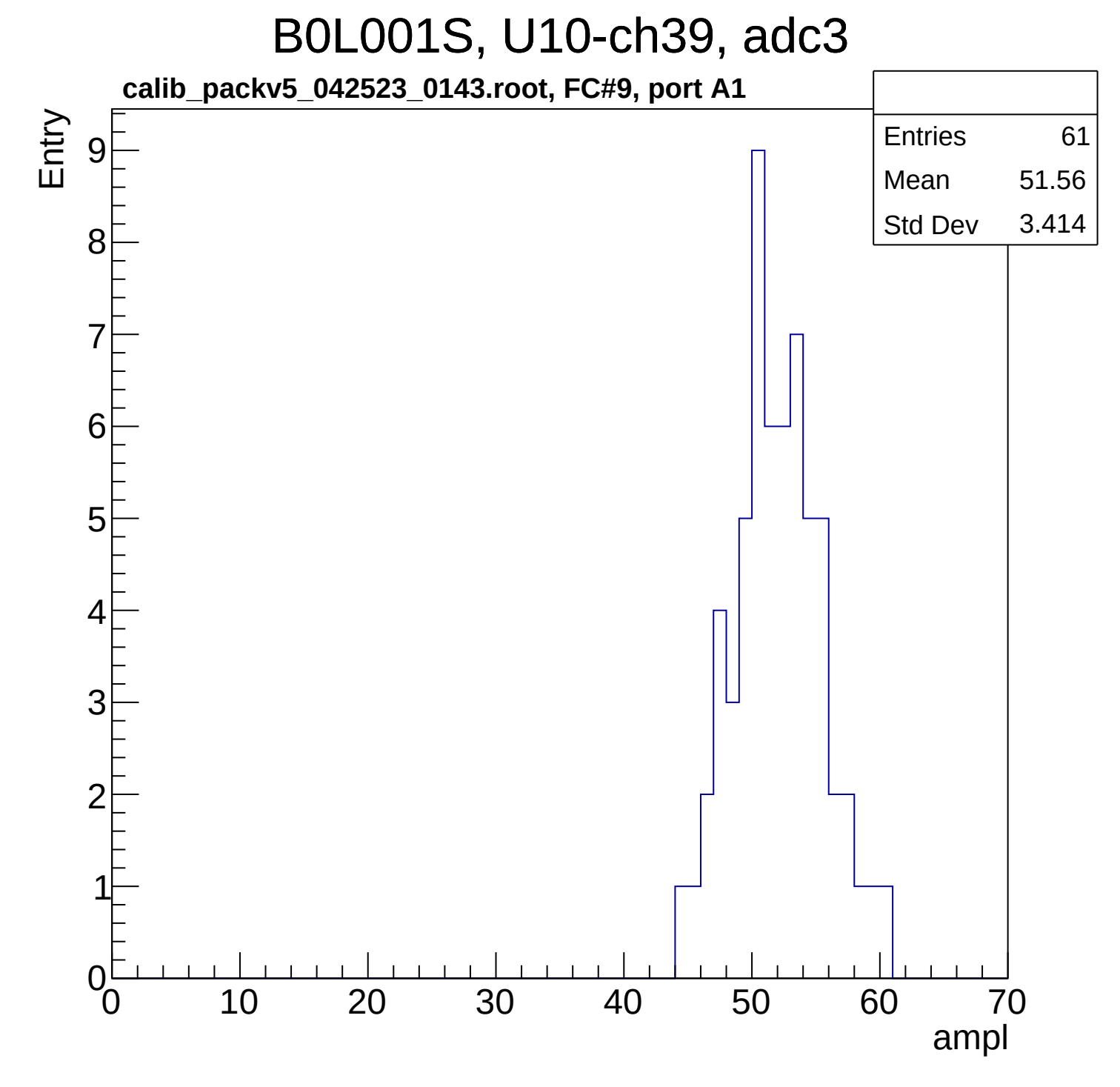
B0L001S, U10-ch39, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 51.56
Std Dev 3.414
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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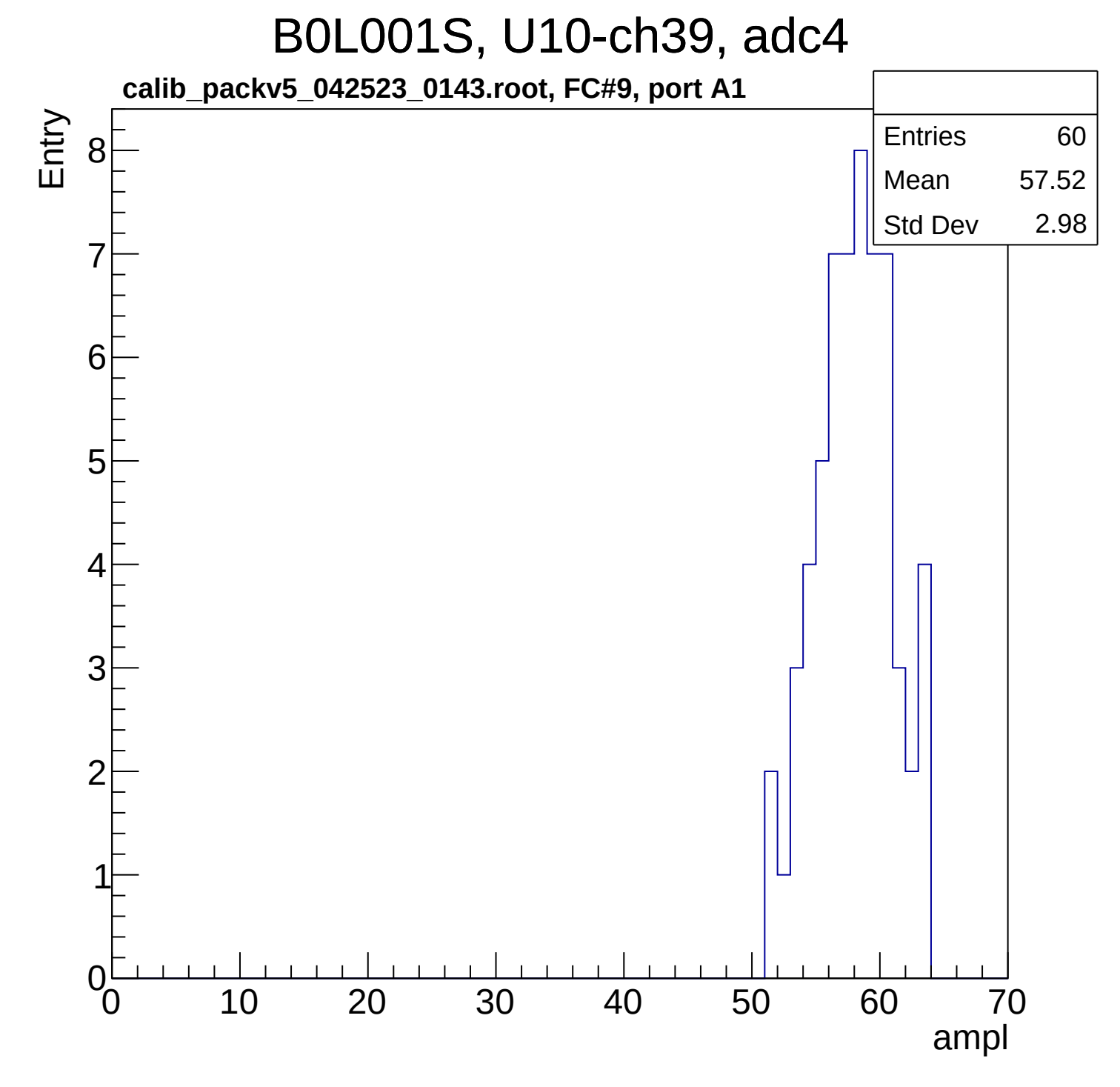
B0L001S, U10-ch39, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 57.52
Std Dev 2.98
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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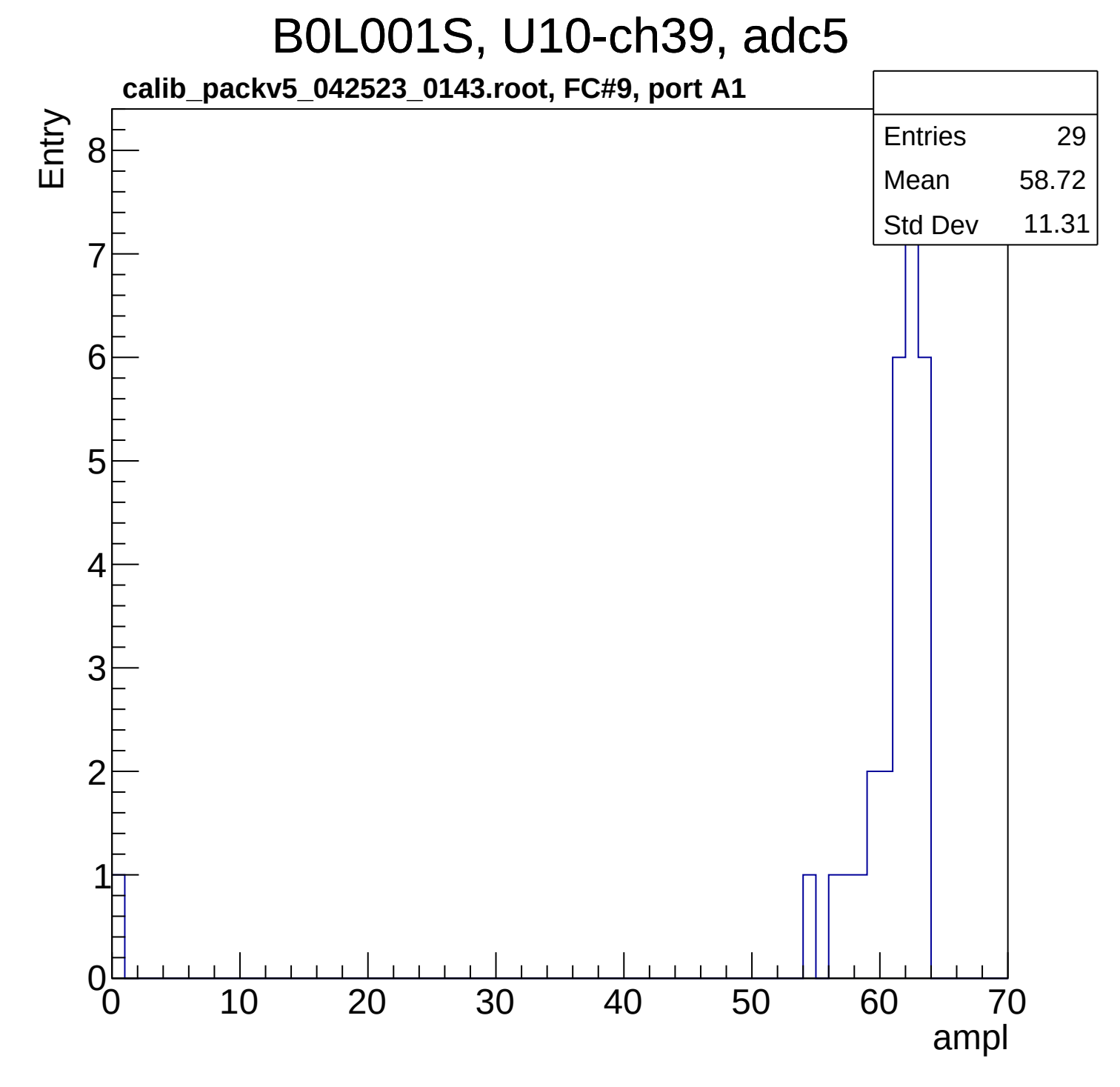
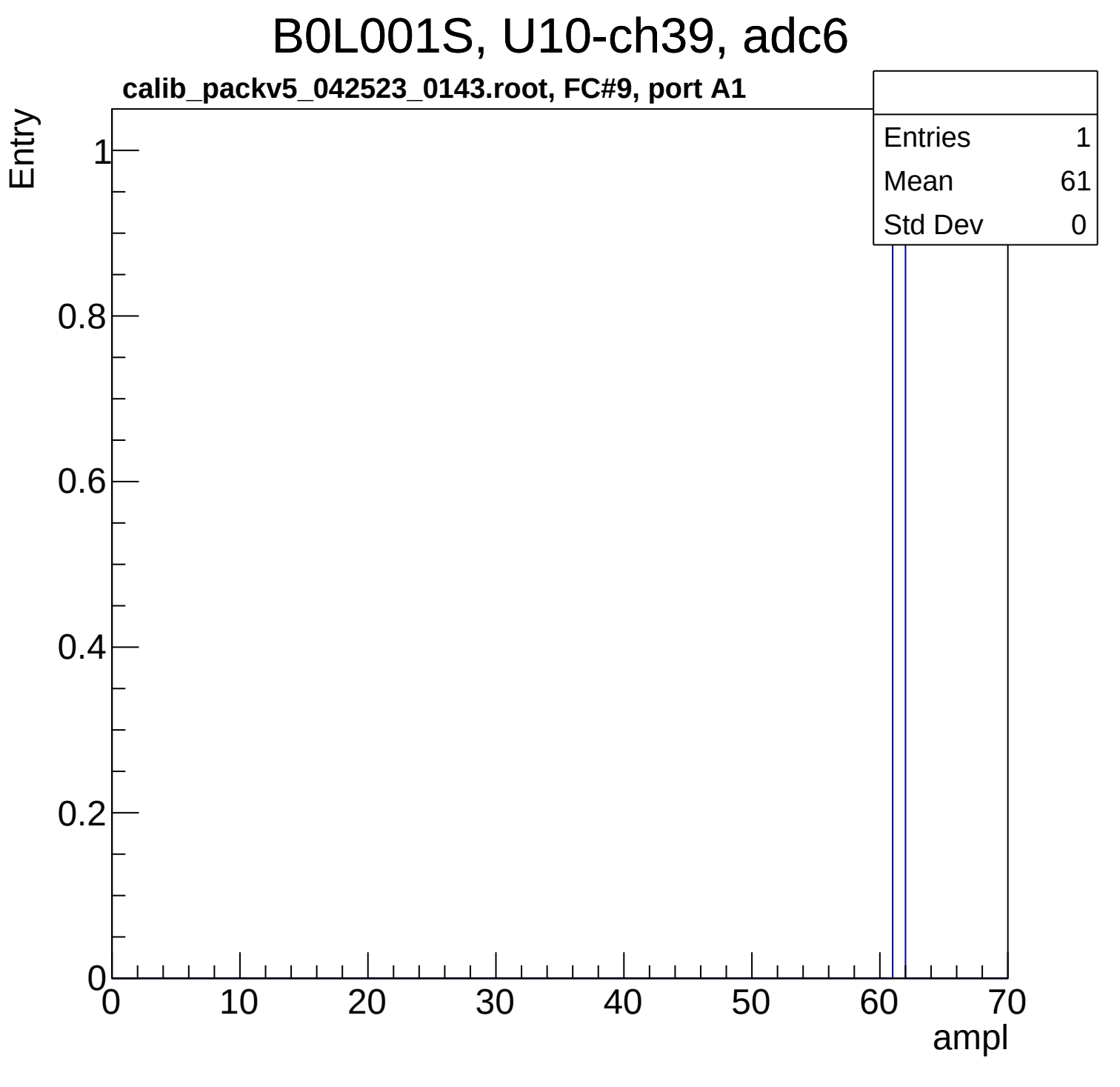
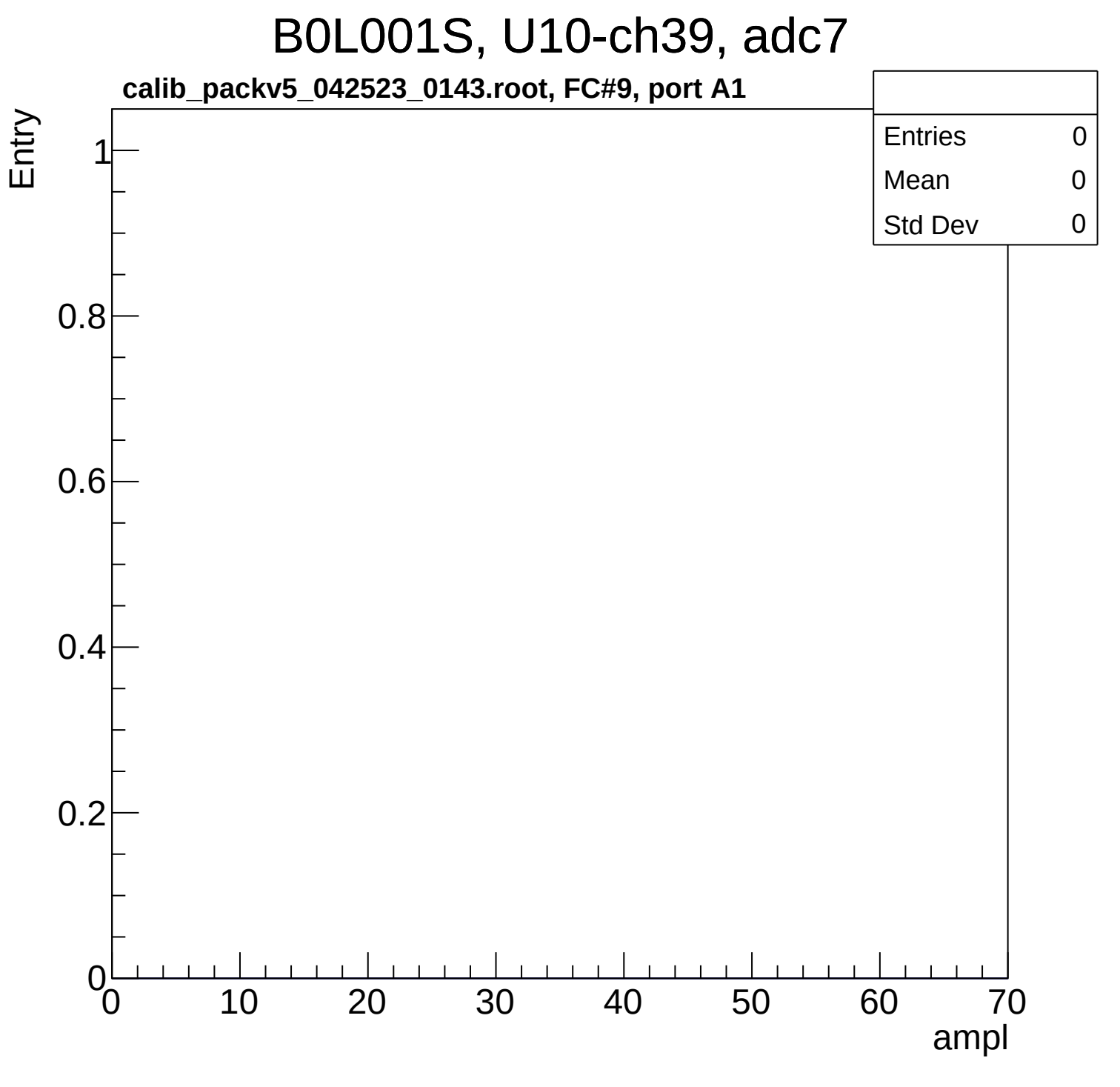
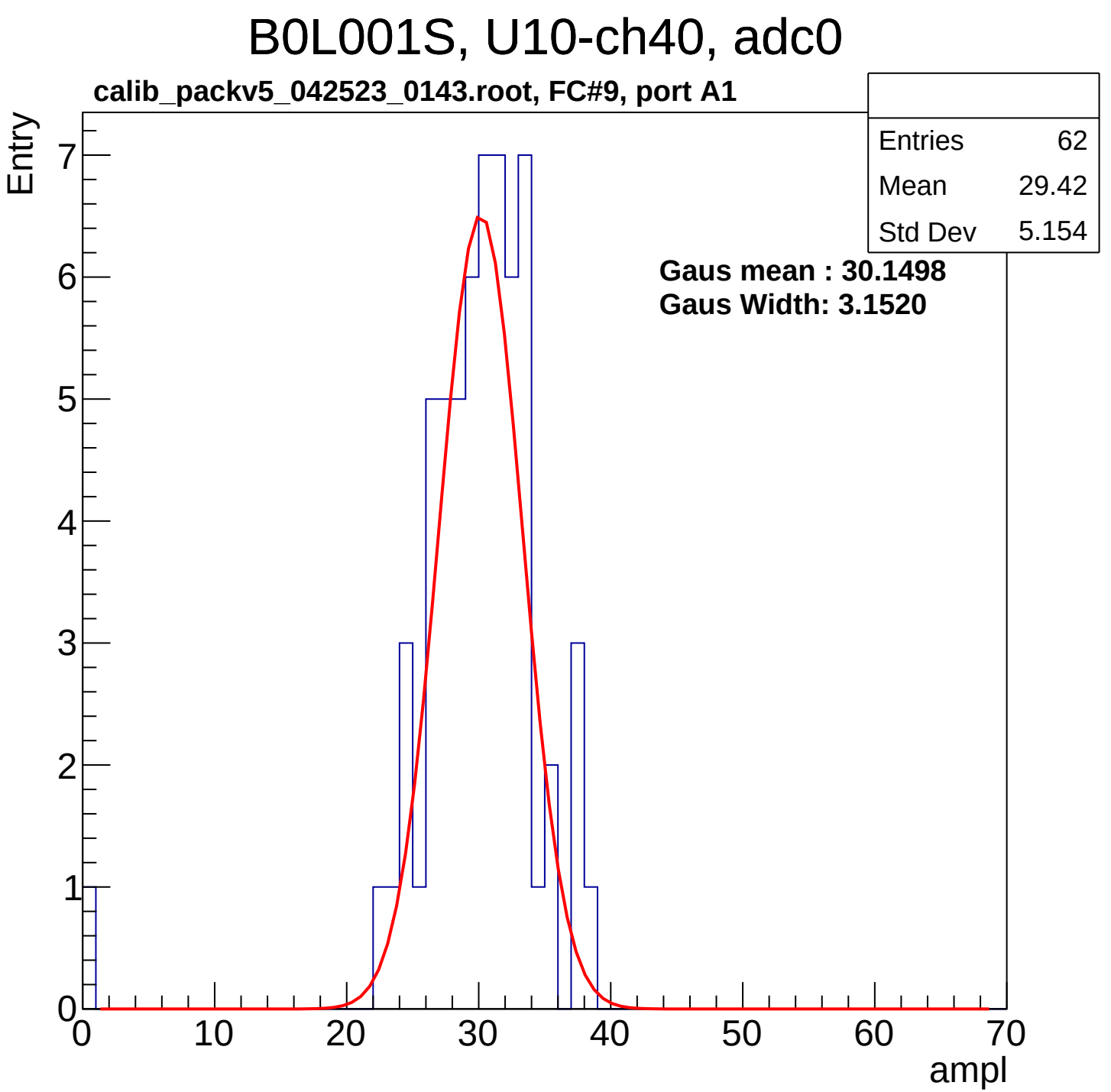
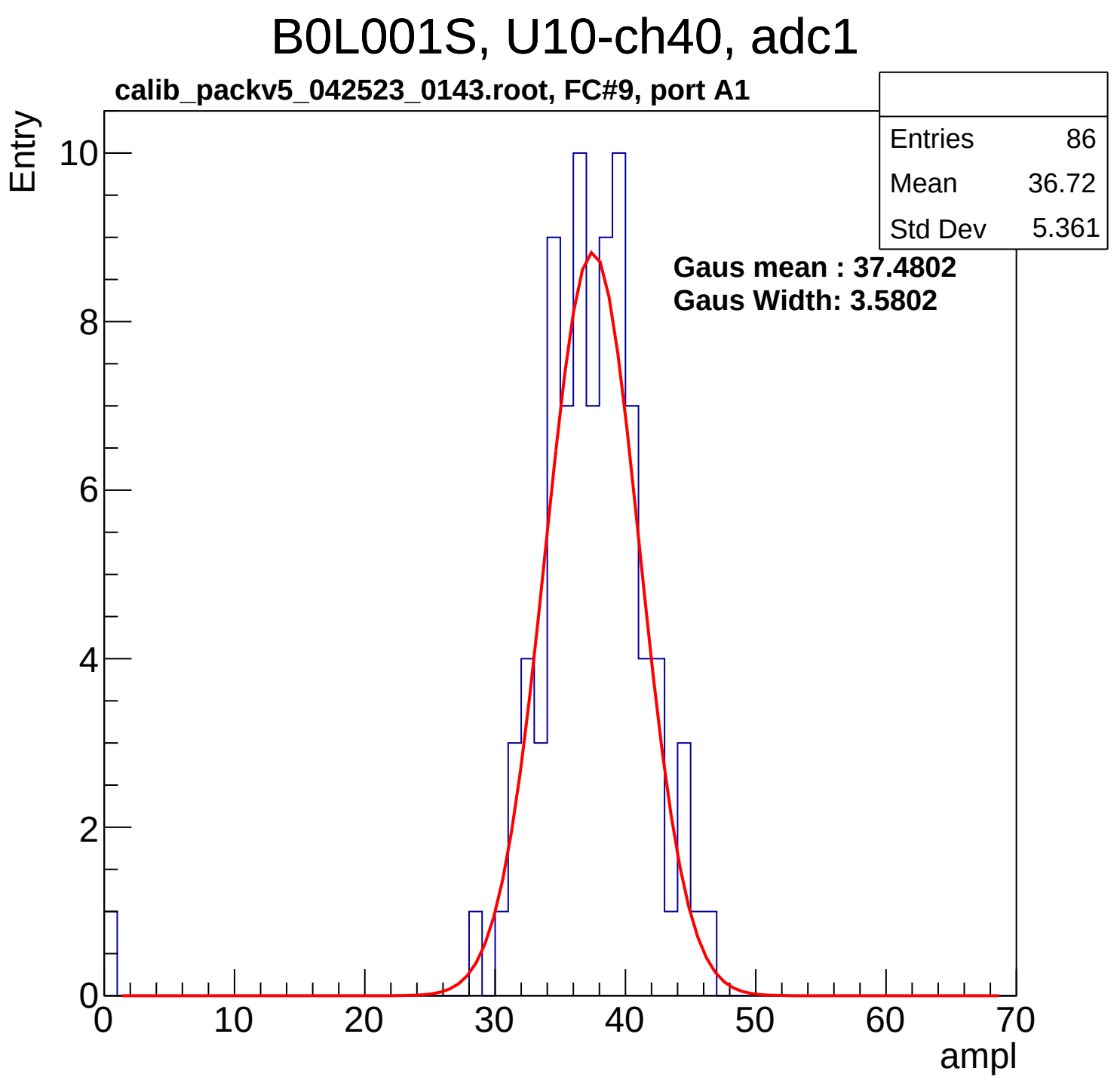
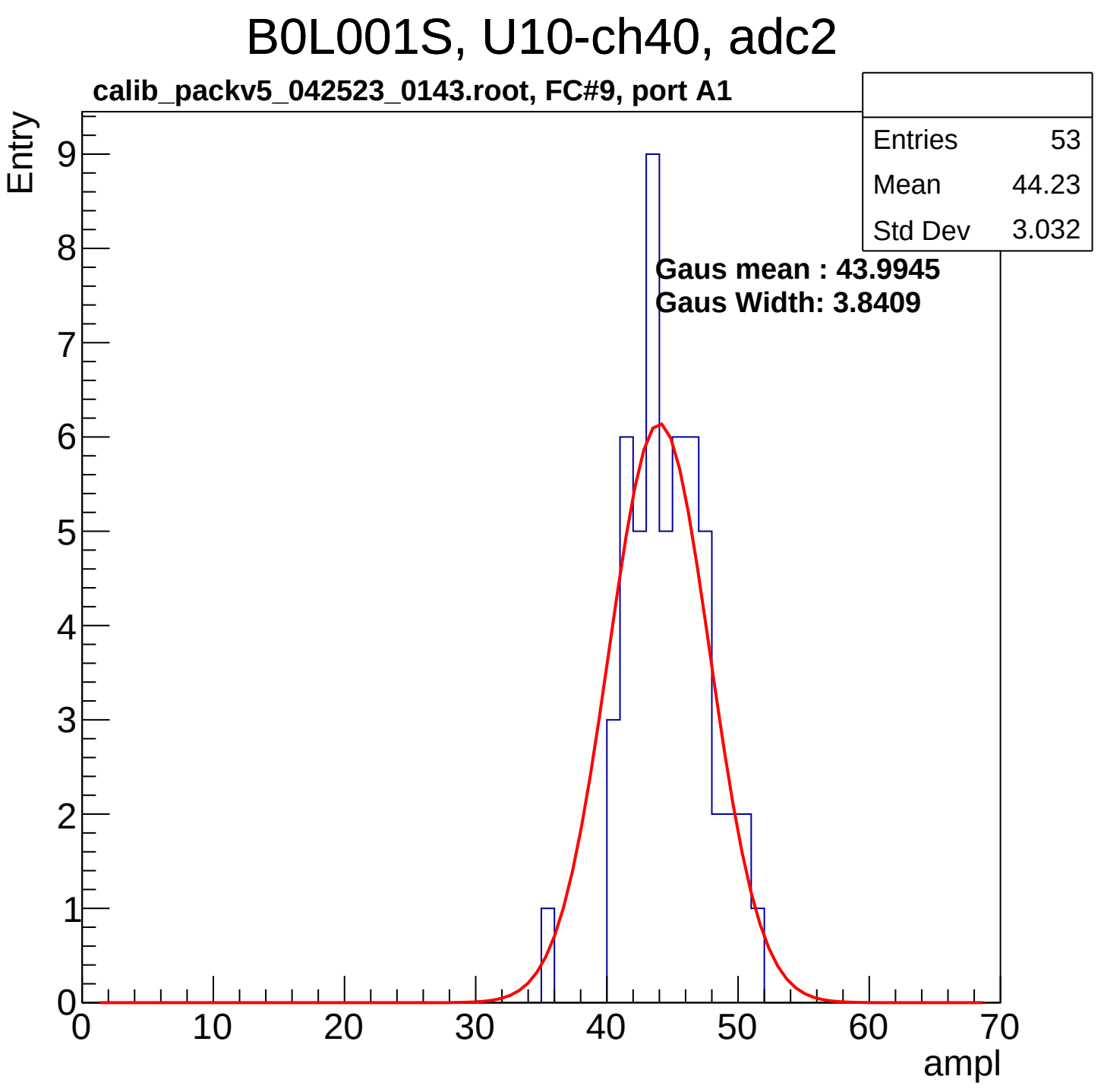

B0L001S, U10-ch39, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 58.72
Std Dev 11.31
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch39, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch39, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch40, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 29.42
Std Dev 5.154
Gaus mean : 30.1498
Gaus Width: 3.1520
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch40, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 86
Mean 36.72
Std Dev 5.361
Gaus mean : 37.4802
Gaus Width: 3.5802
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch40, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 44.23
Std Dev 3.032
Gaus mean : 43.9945
Gaus Width: 3.8409
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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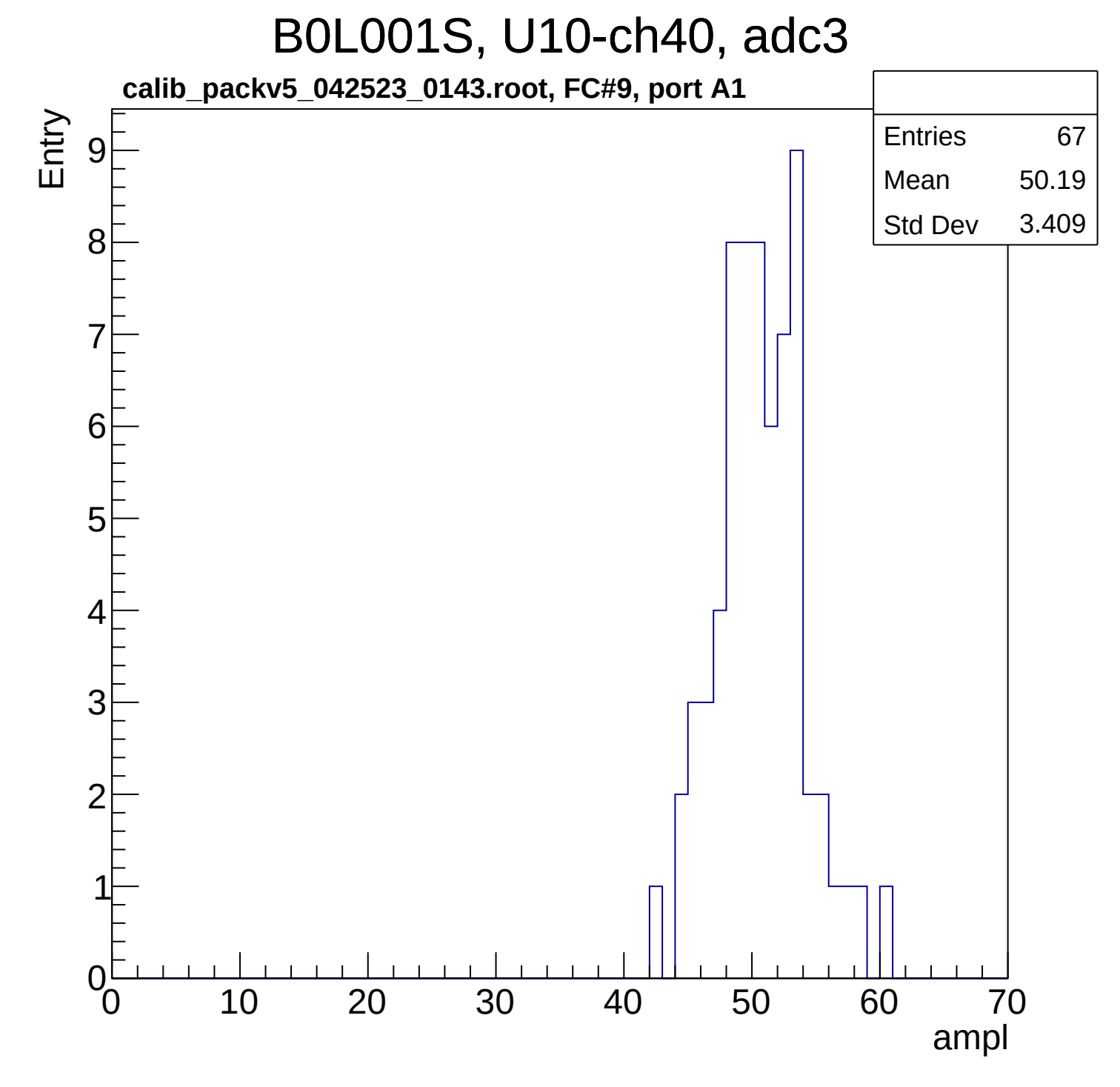
B0L001S, U10-ch40, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 50.19
Std Dev 3.409
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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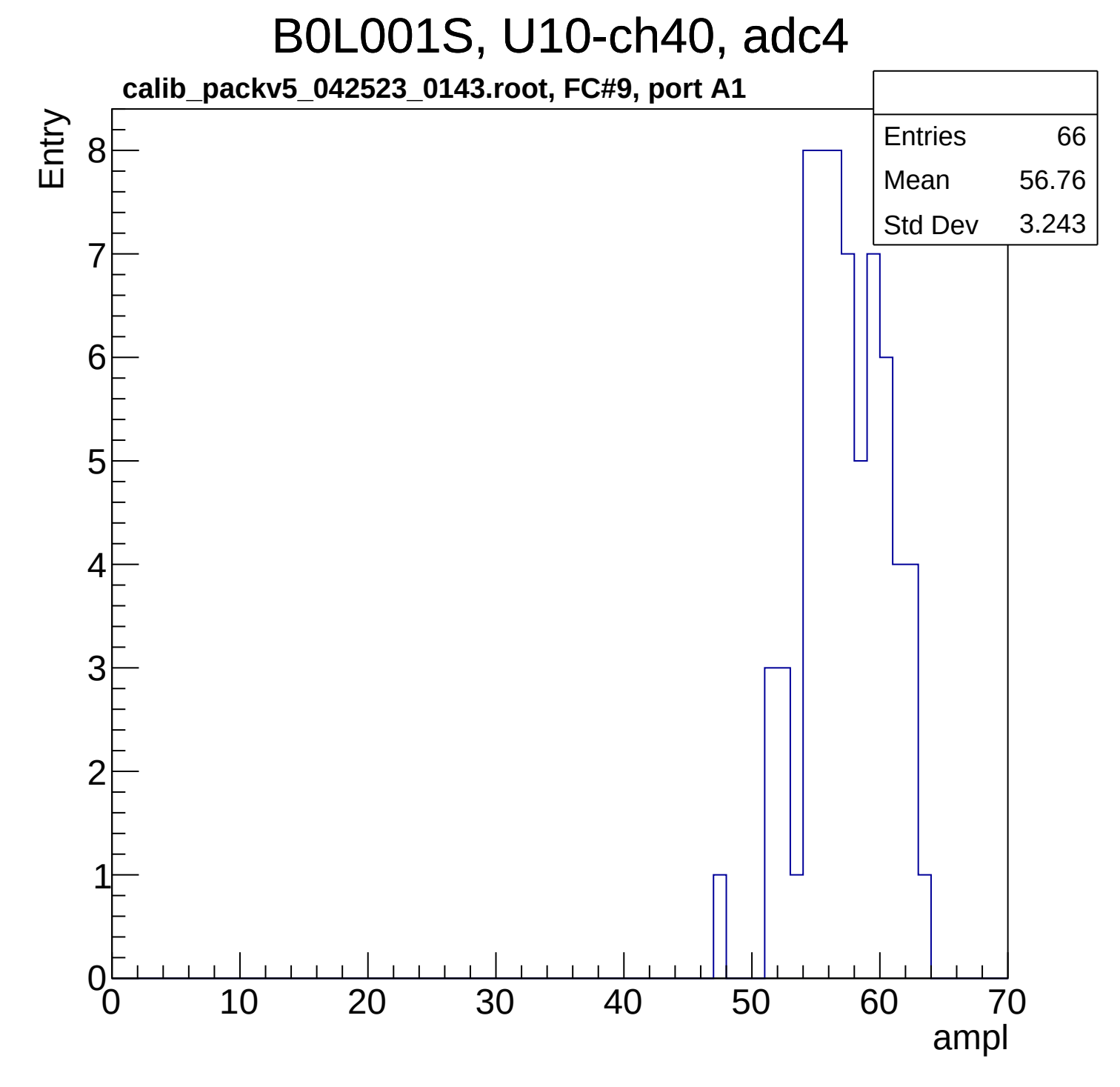
B0L001S, U10-ch40, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 56.76
Std Dev 3.243
Entry
ampl
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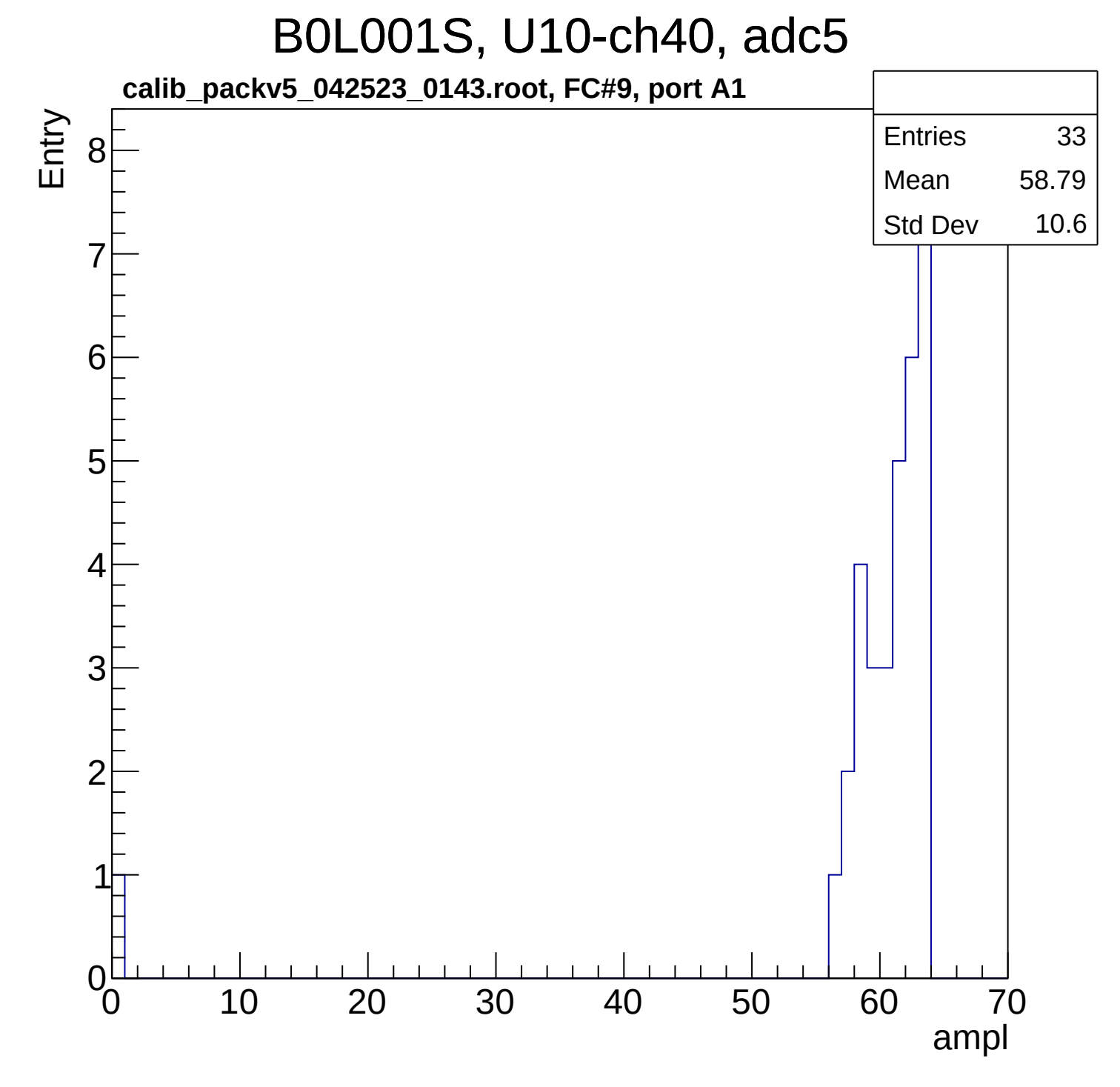
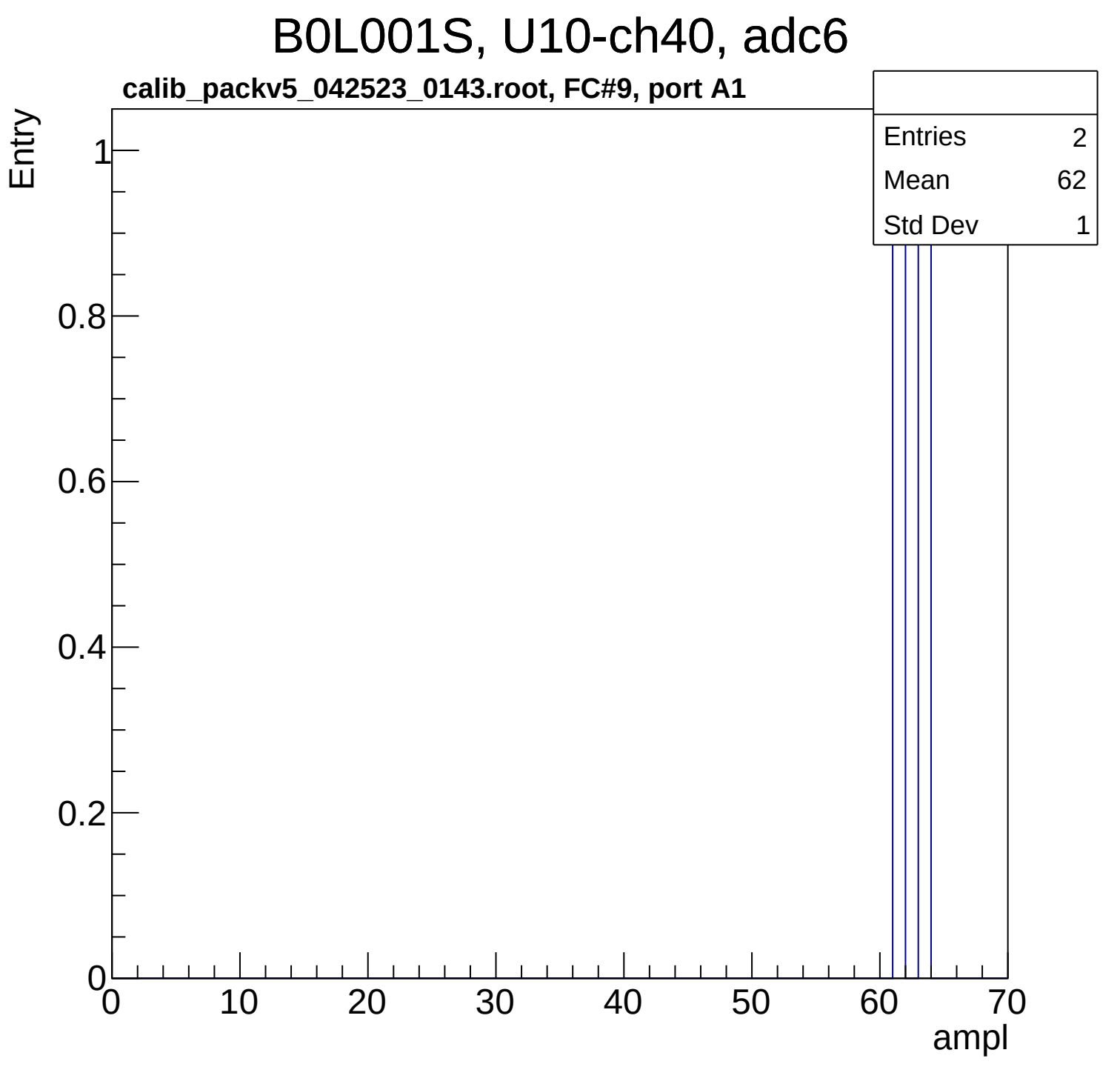
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch40, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 58.79
Std Dev 10.6
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch40, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 1
Entry
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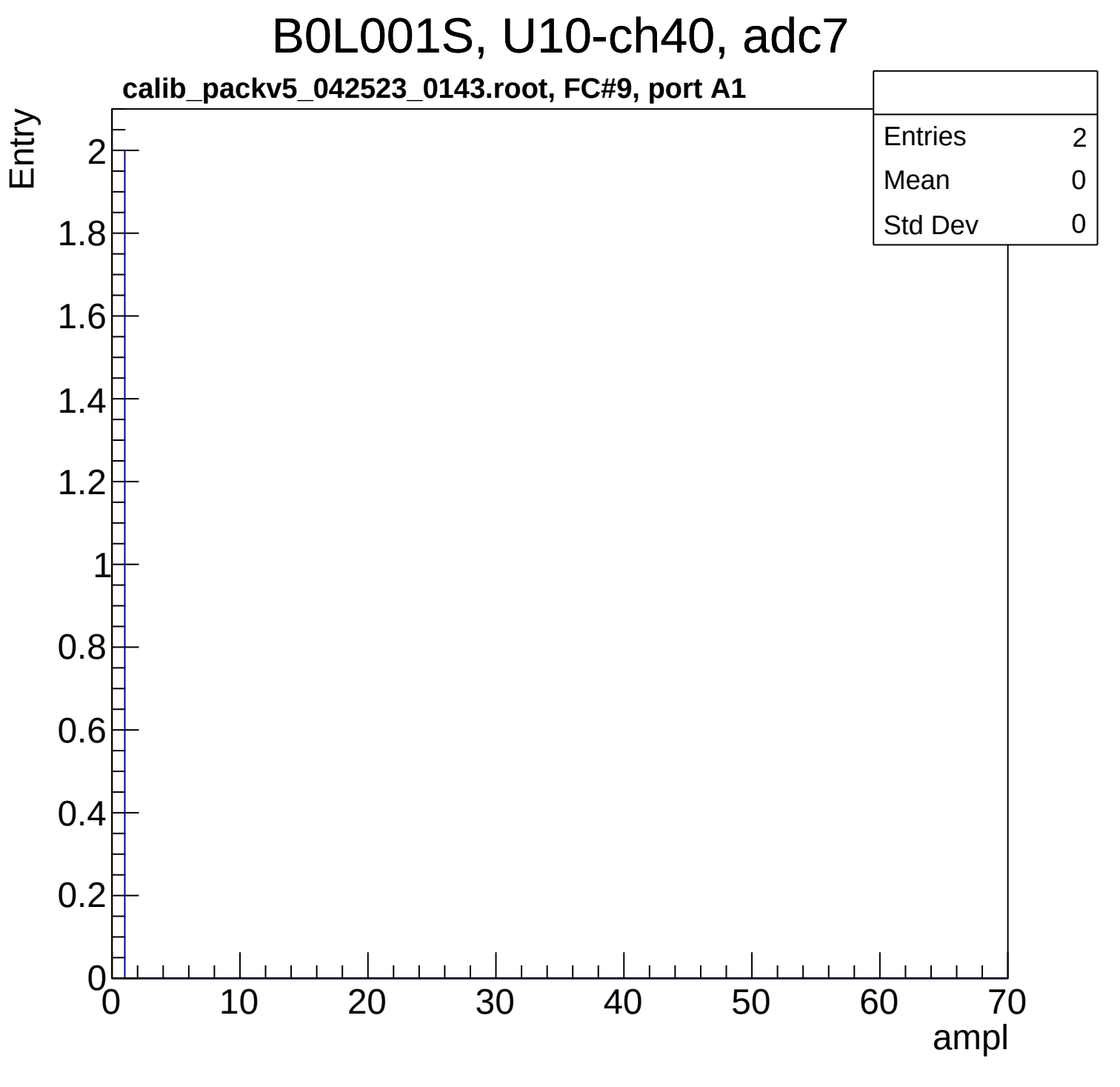
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch40, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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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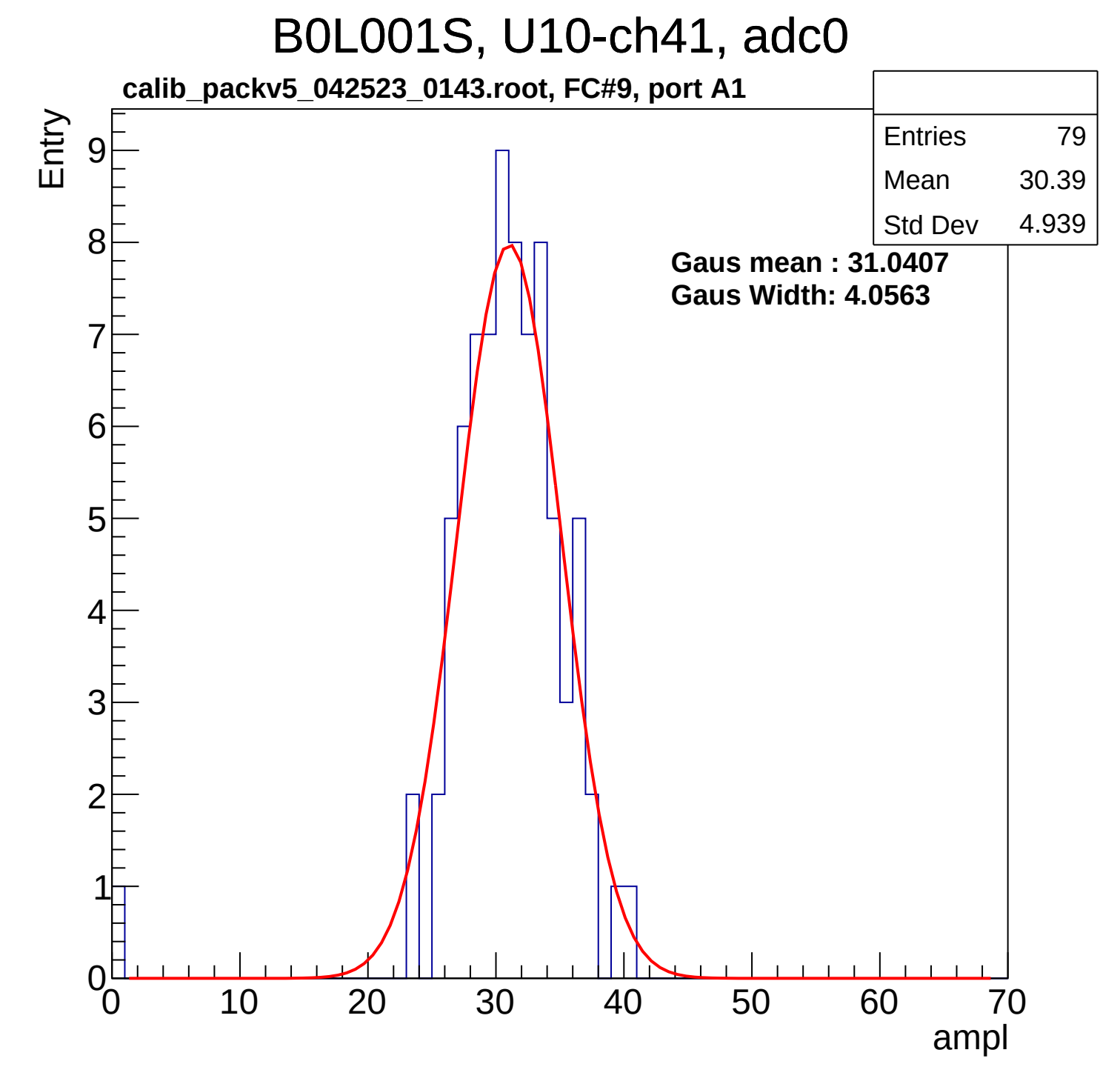
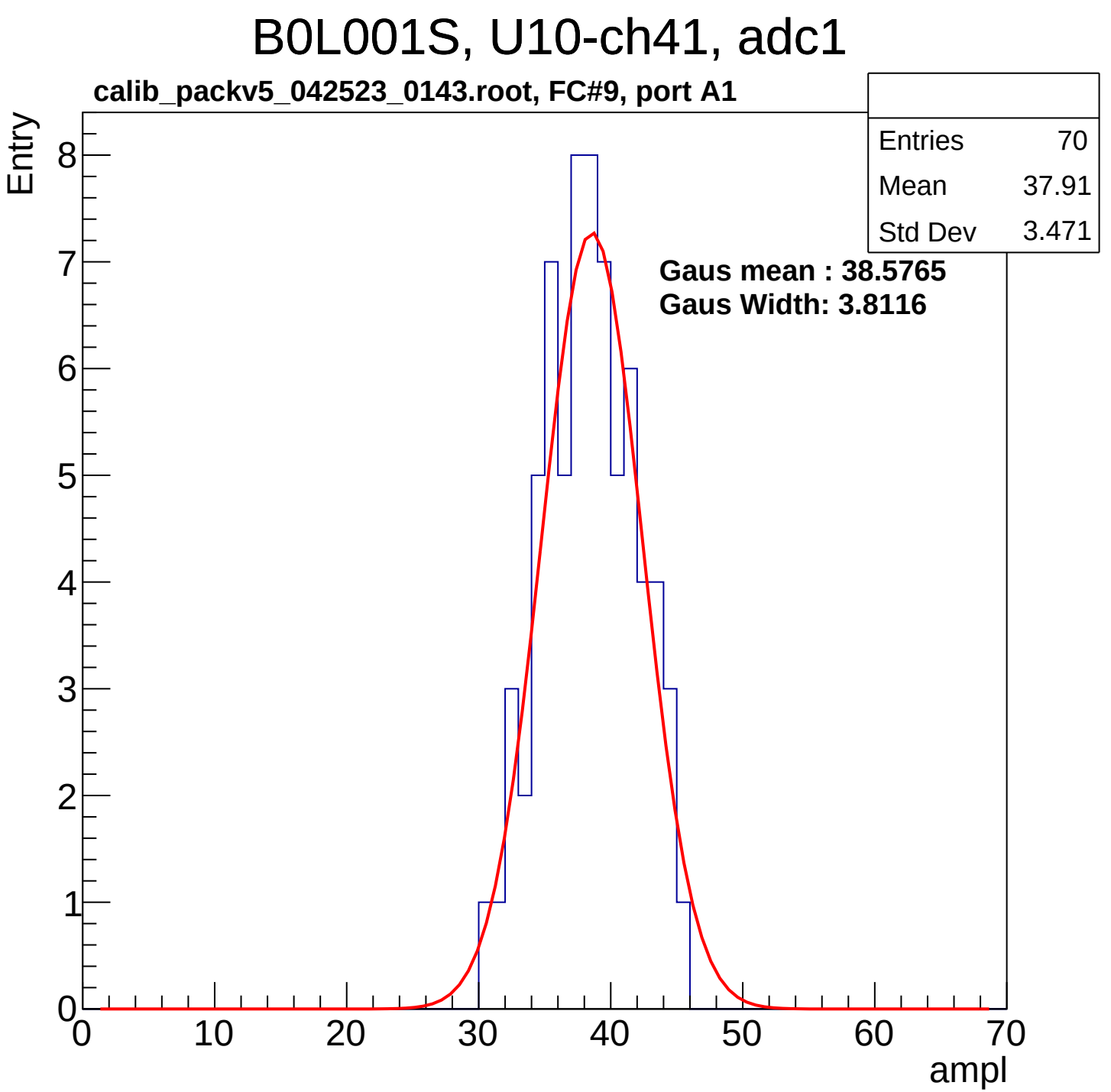

B0L001S, U10-ch41, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 30.39
Std Dev 4.939
Gaus mean : 31.0407
Gaus Width: 4.0563
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch41, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 37.91
Std Dev 3.471
Gaus mean : 38.5765
Gaus Width: 3.8116
Entry
ampl
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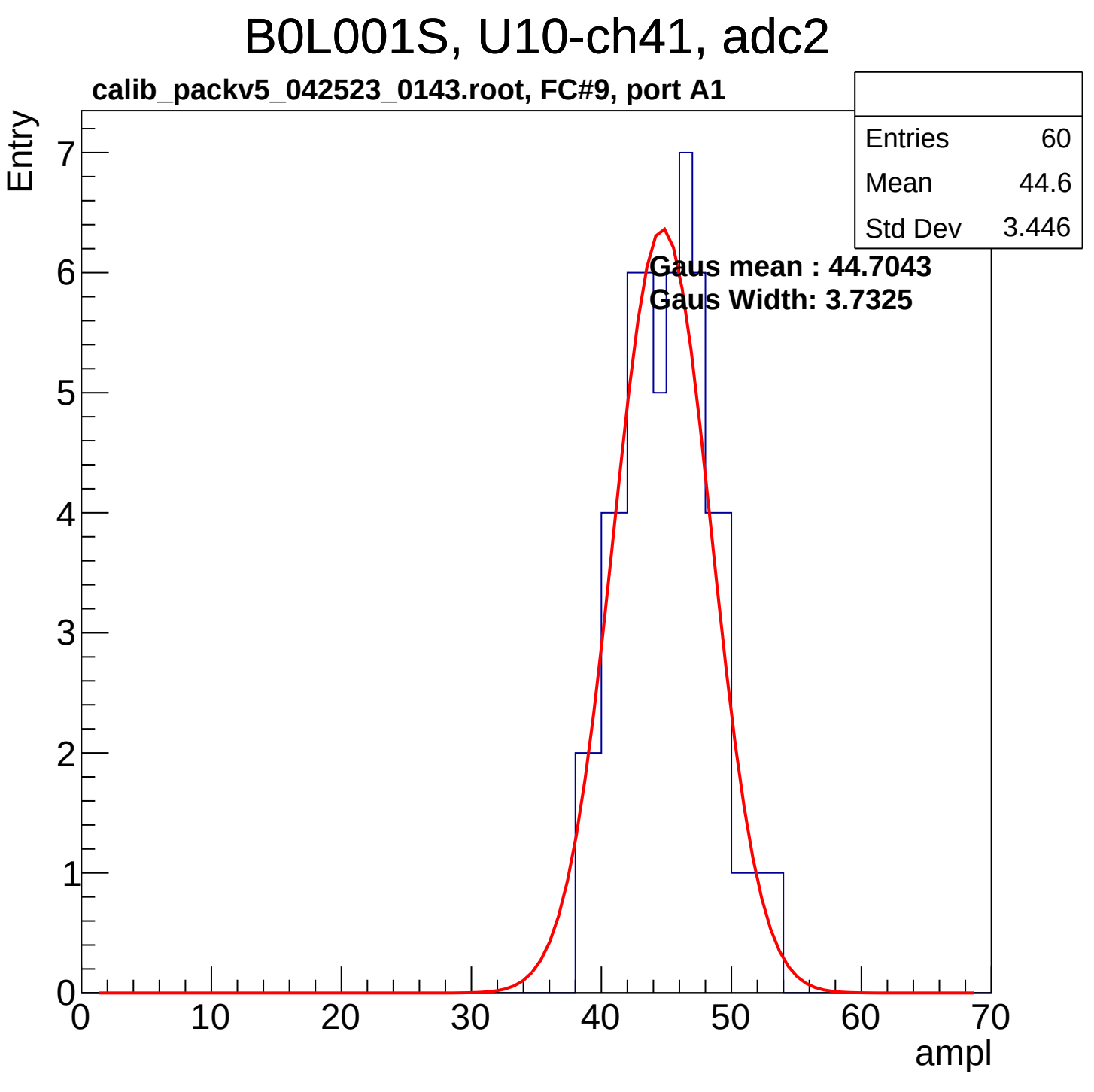
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch41, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 44.6
Std Dev 3.446
Gaus mean : 44.7043
Gaus Width: 3.7325
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
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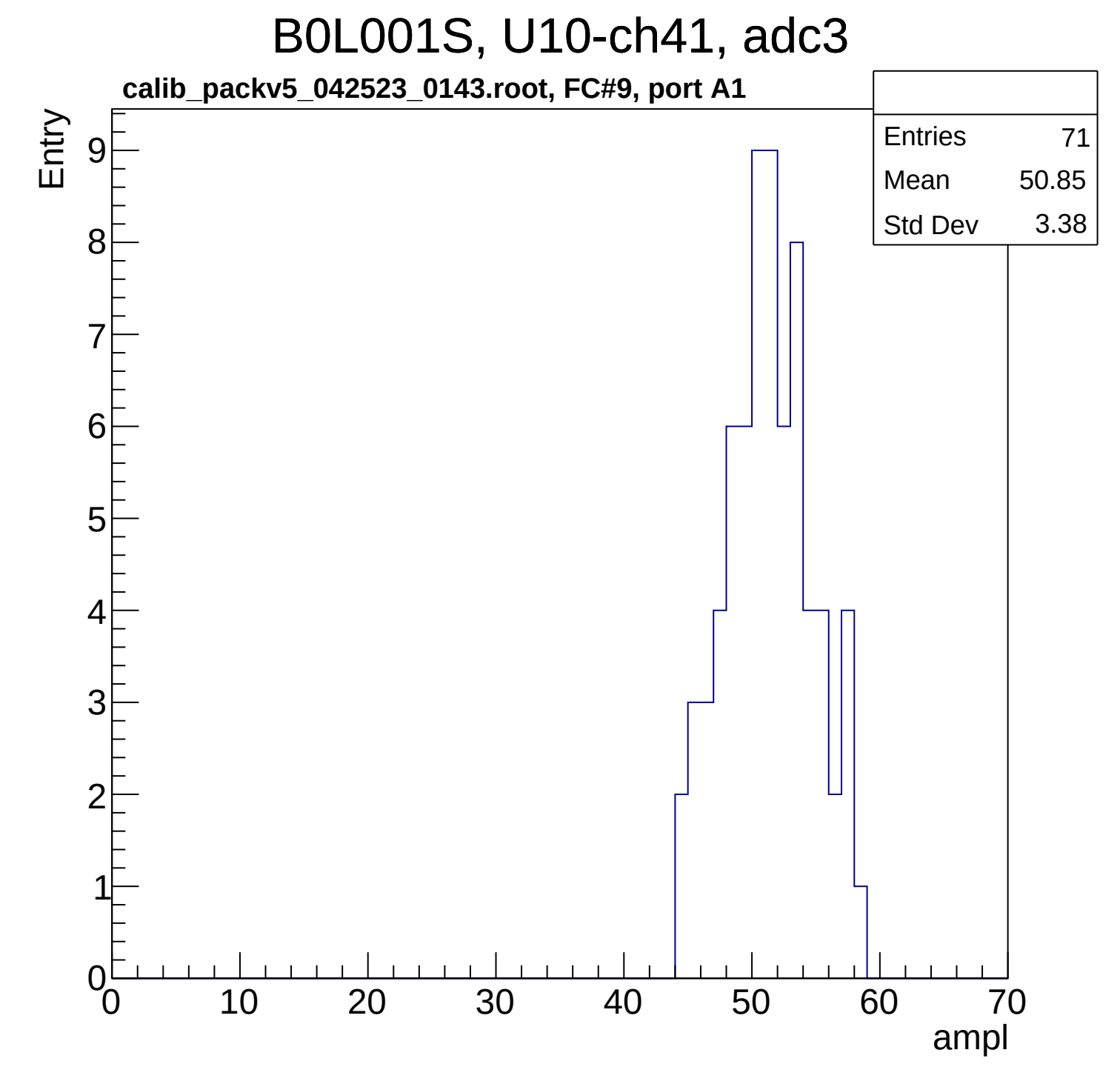
B0L001S, U10-ch41, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 50.85
Std Dev 3.38
Entry
ampl
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4
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6
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8
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0
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60
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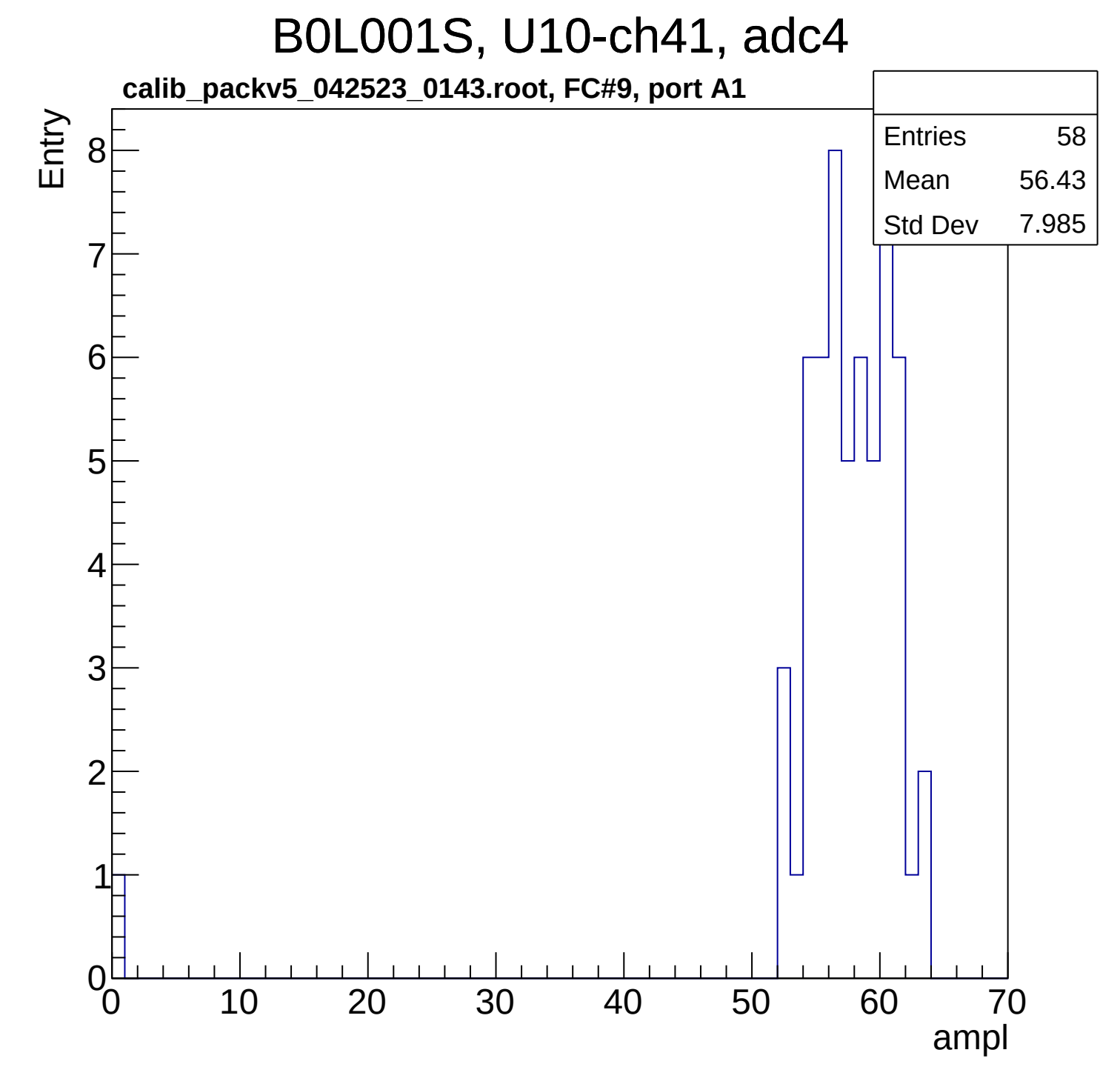
B0L001S, U10-ch41, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 56.43
Std Dev 7.985
Entry
ampl
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1
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3
4
5
6
7
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0
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20
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40
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60
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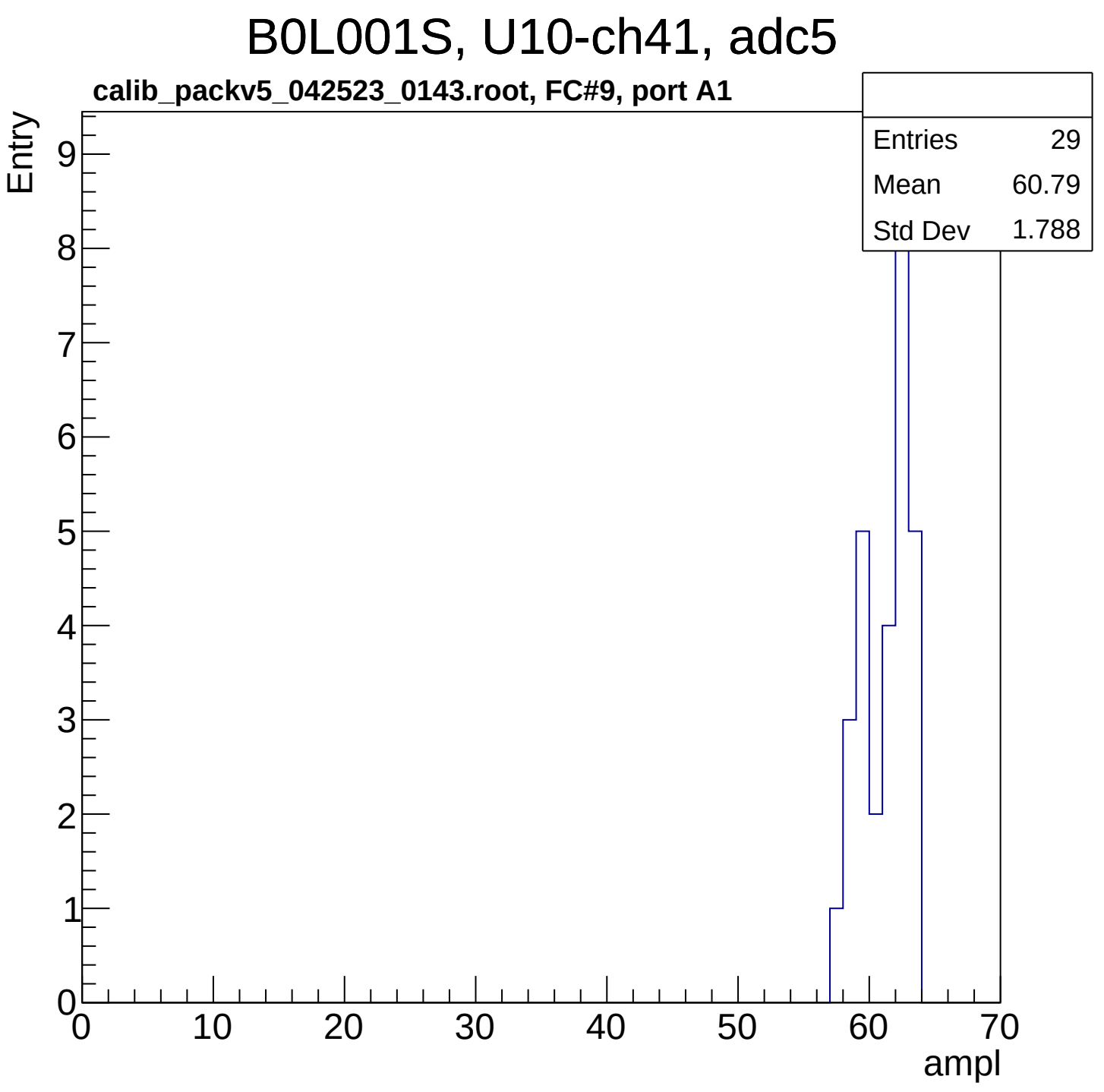
B0L001S, U10-ch41, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 60.79
Std Dev 1.788
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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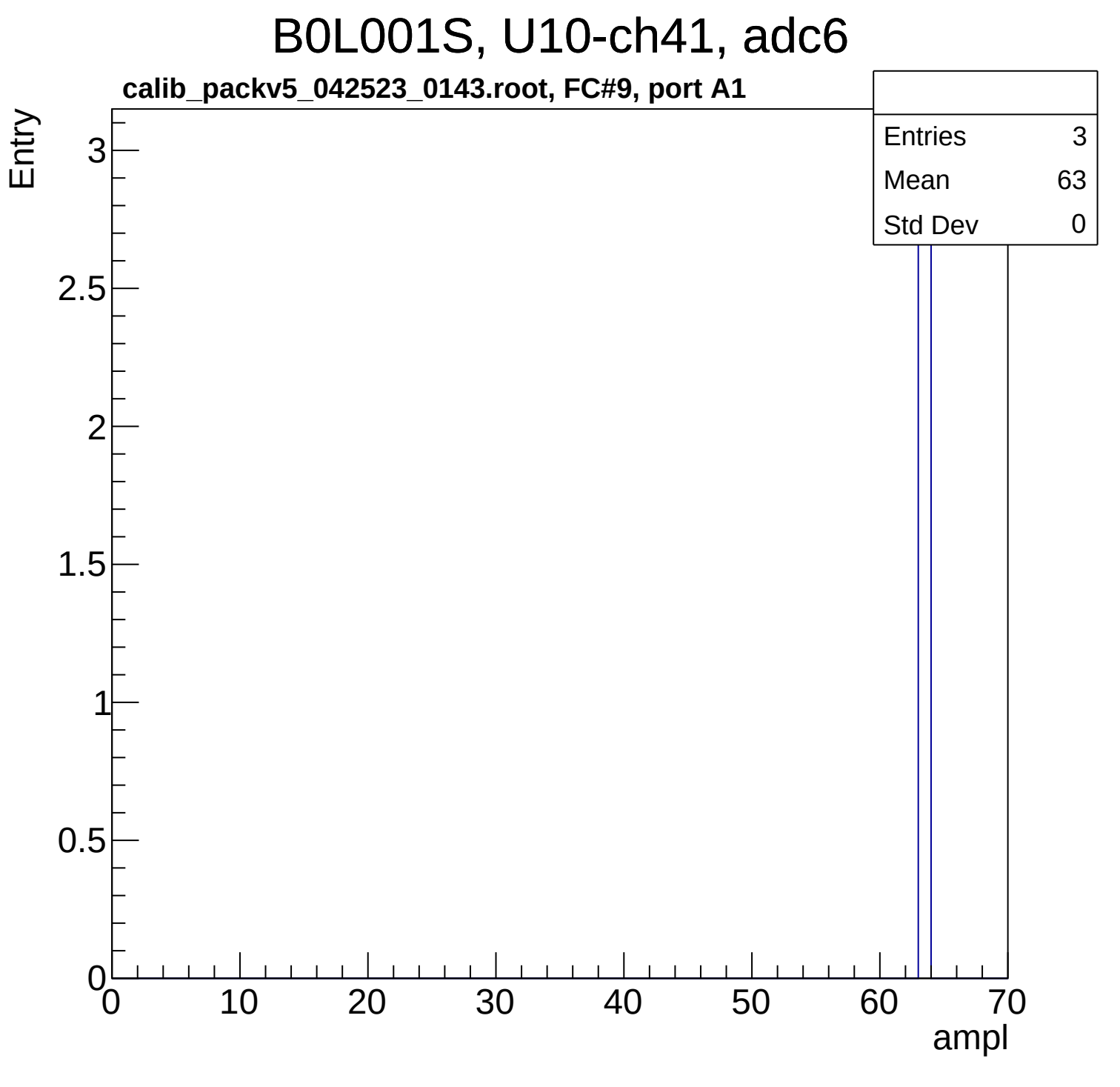
B0L001S, U10-ch41, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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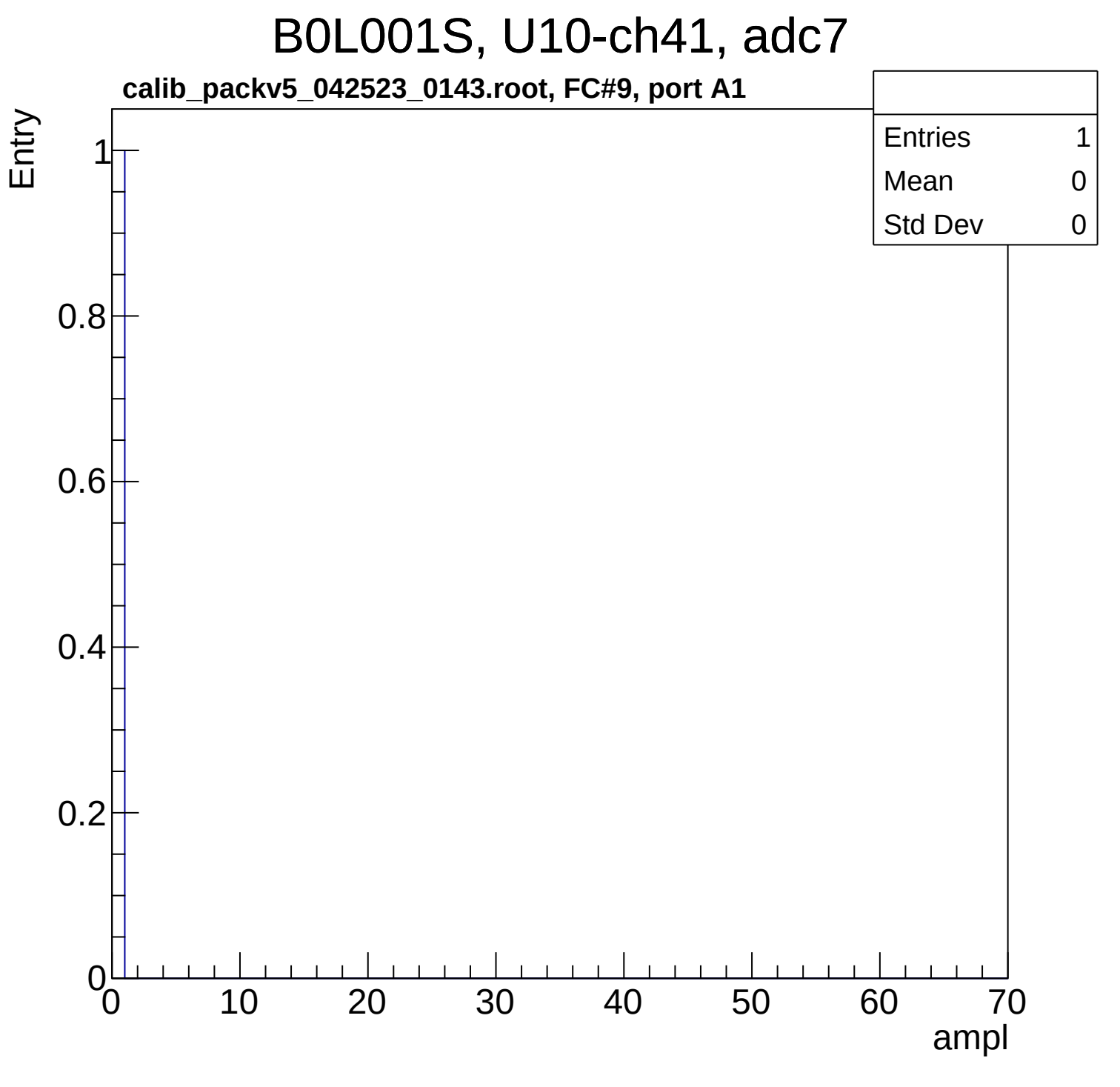
B0L001S, U10-ch41, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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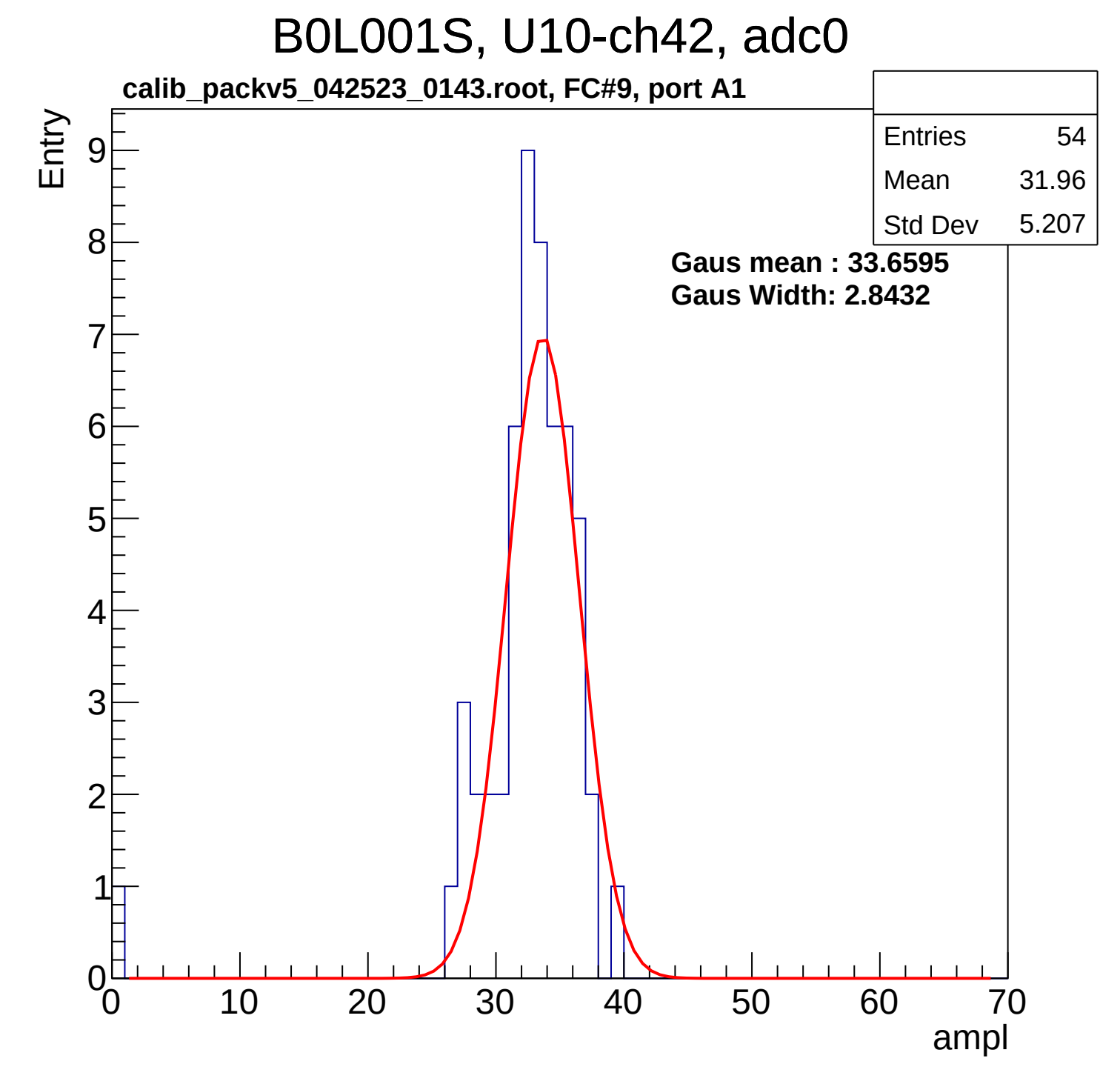
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch42, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 31.96
Std Dev 5.207
Gaus mean : 33.6595
Gaus Width: 2.8432
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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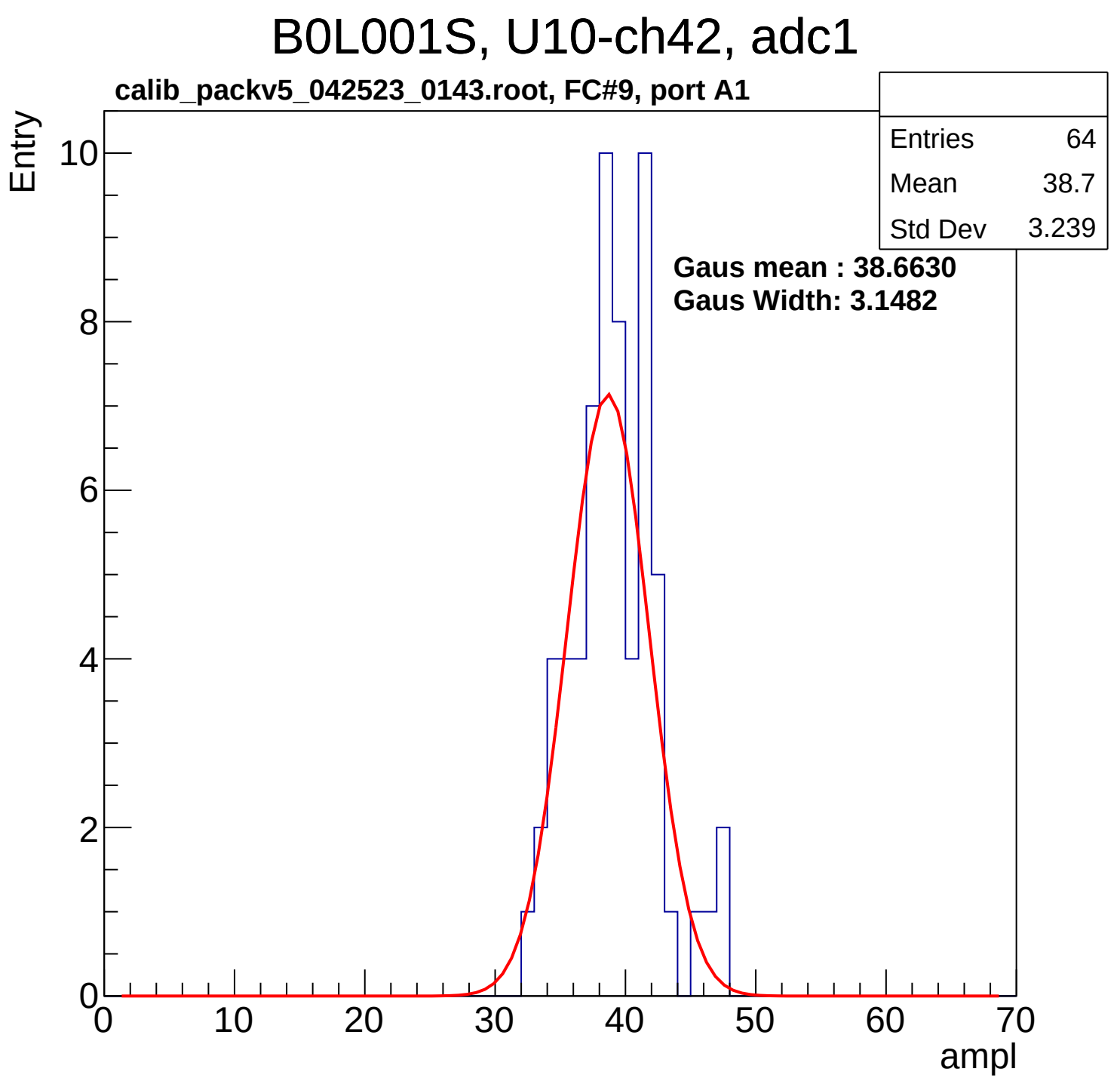
B0L001S, U10-ch42, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 38.7
Std Dev 3.239
Gaus mean : 38.6630
Gaus Width: 3.1482
Entry
ampl
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4
6
8
10
0
10
20
30
40
50
60
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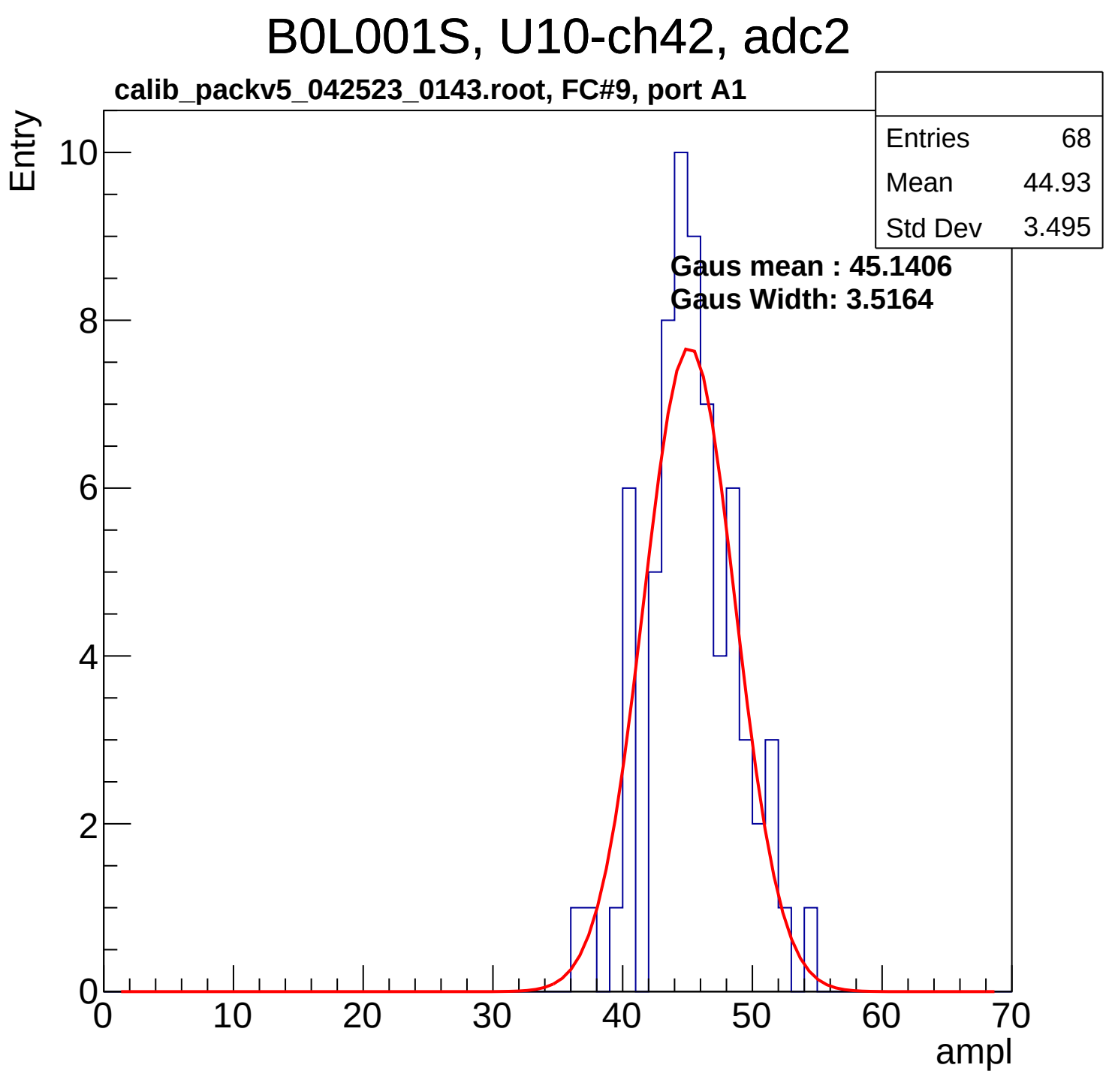
B0L001S, U10-ch42, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 44.93
Std Dev 3.495
Gaus mean : 45.1406
Gaus Width: 3.5164
Entry
ampl
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4
6
8
10
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10
20
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40
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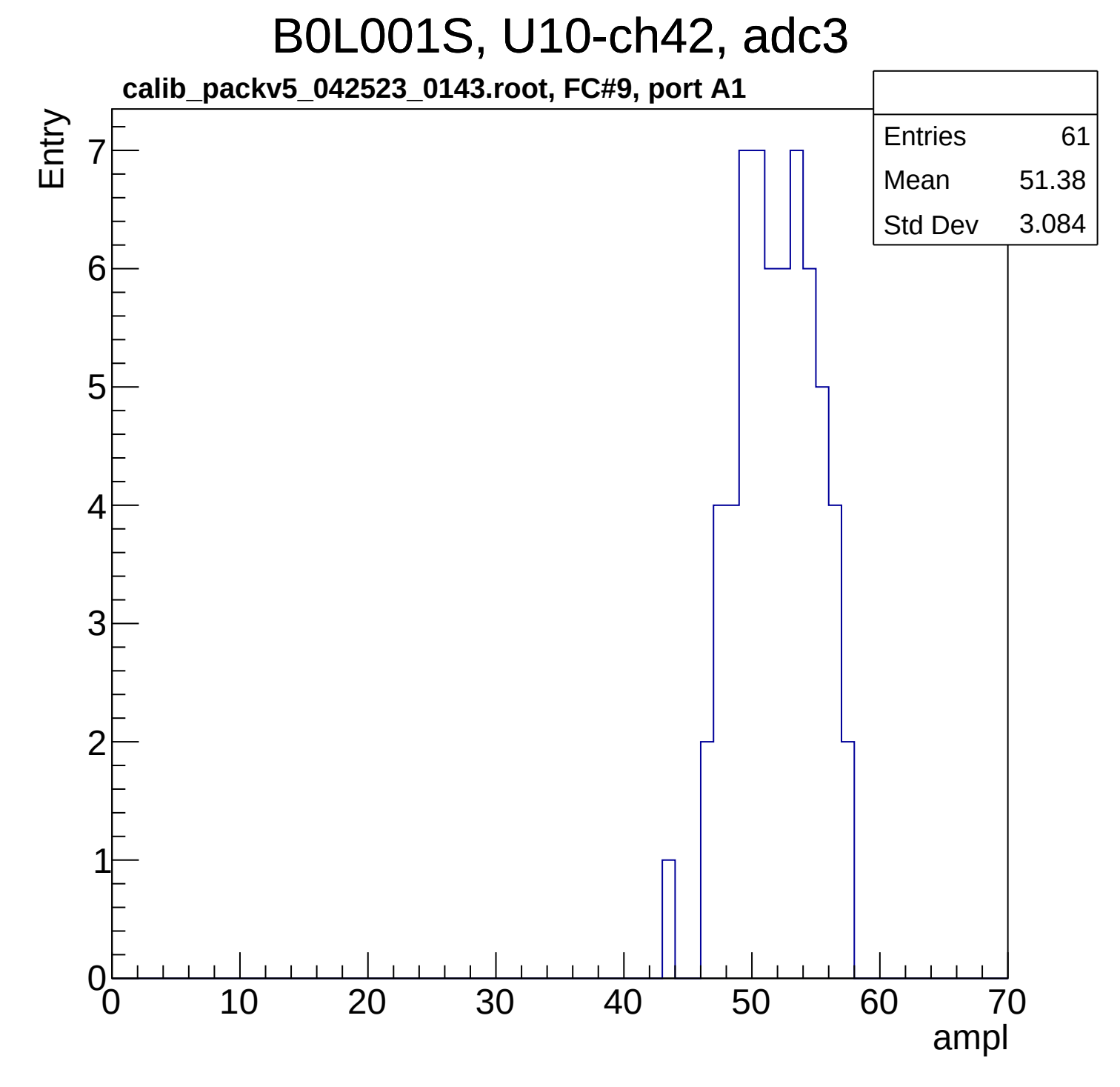
B0L001S, U10-ch42, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 51.38
Std Dev 3.084
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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60
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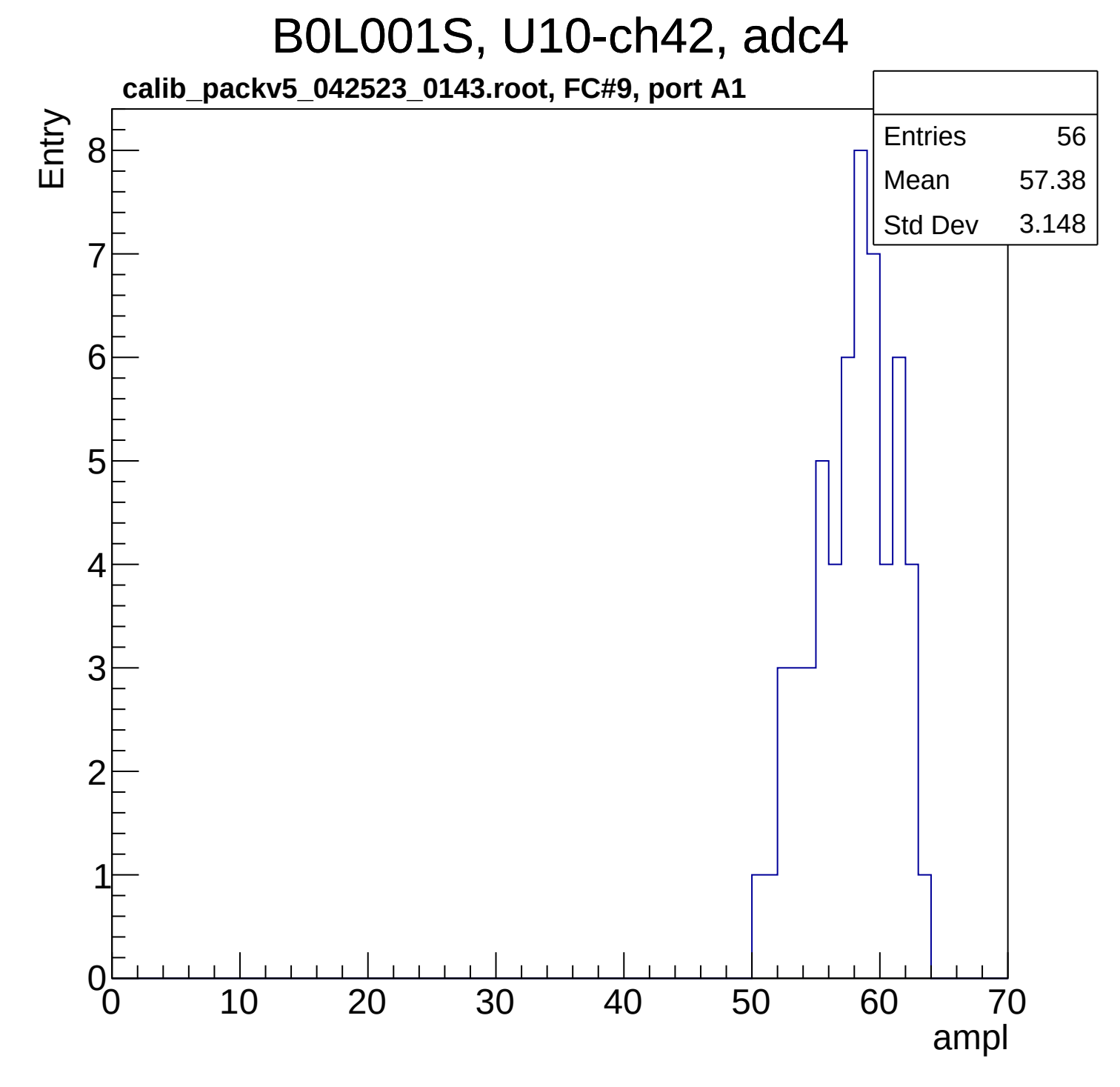
B0L001S, U10-ch42, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 57.38
Std Dev 3.148
Entry
ampl
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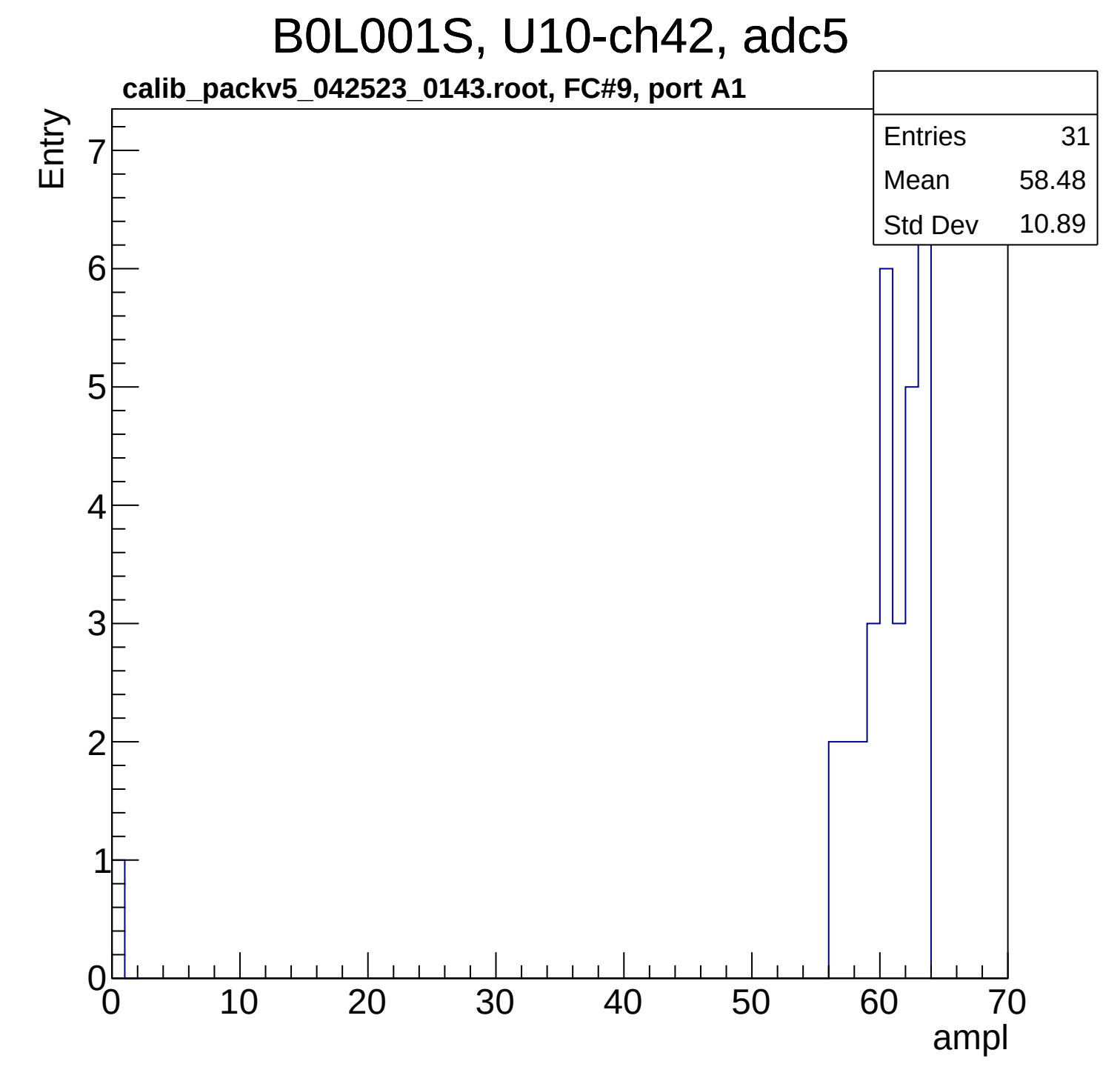
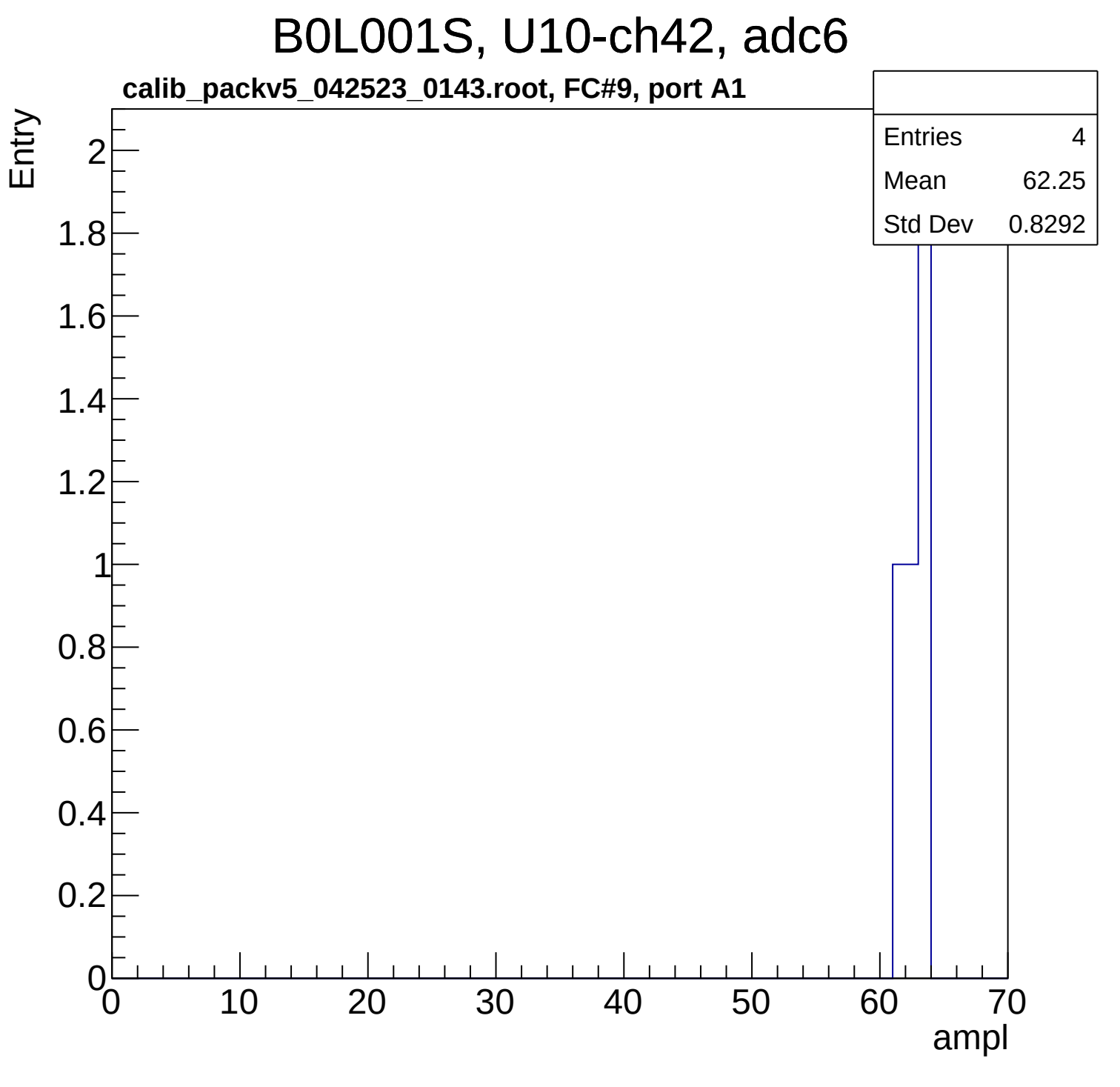
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch42, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 58.48
Std Dev 10.89
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch42, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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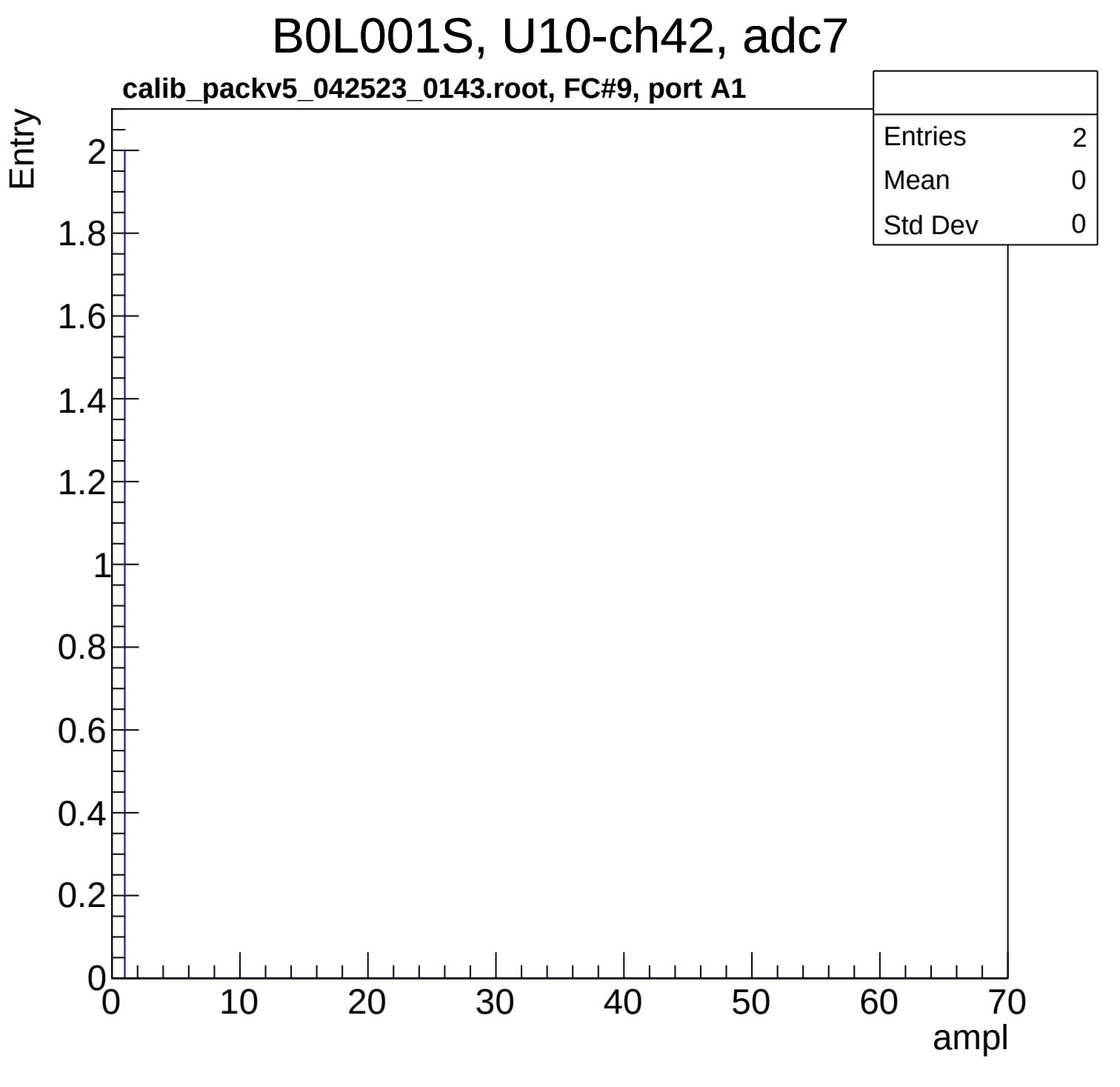
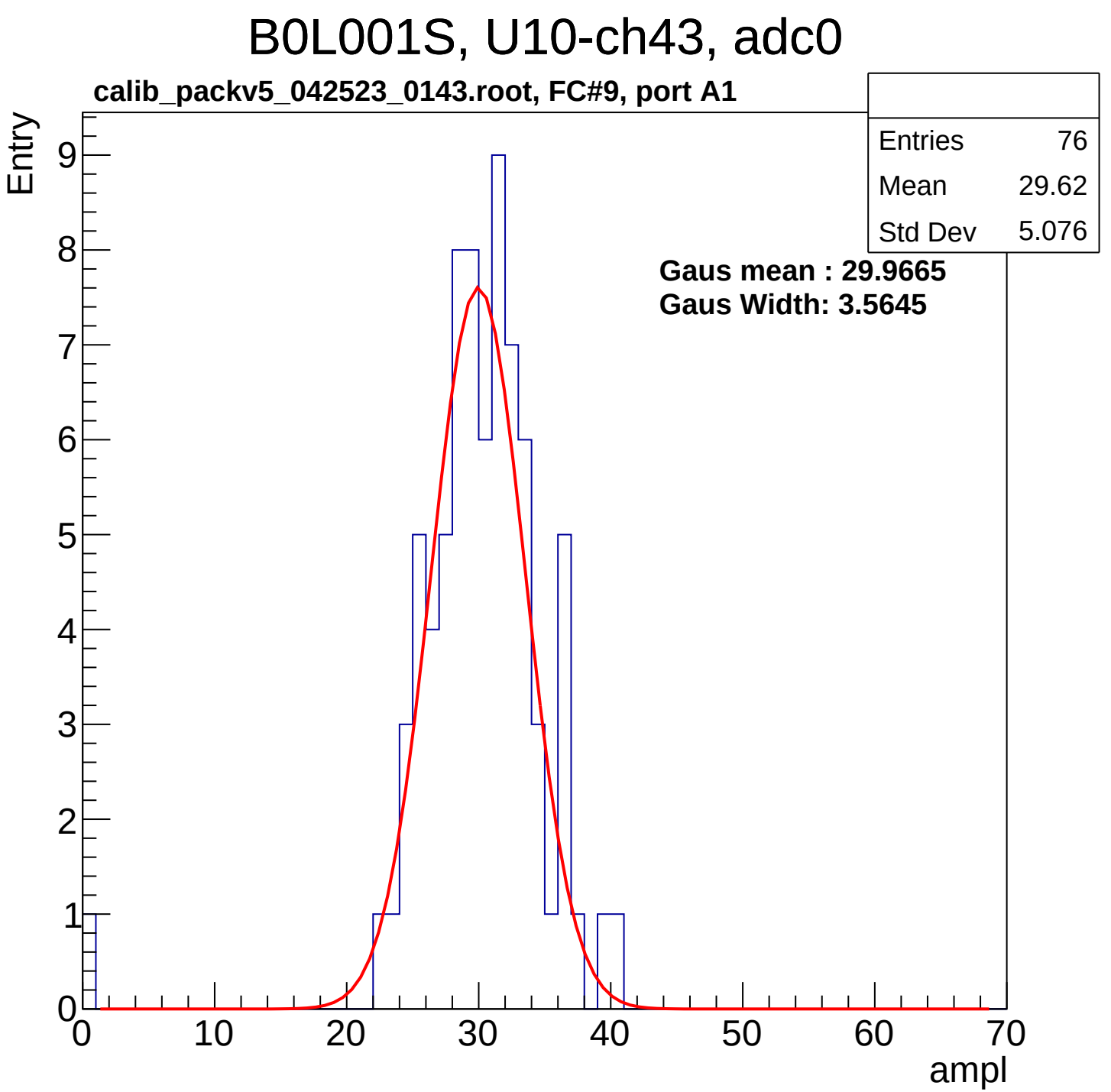
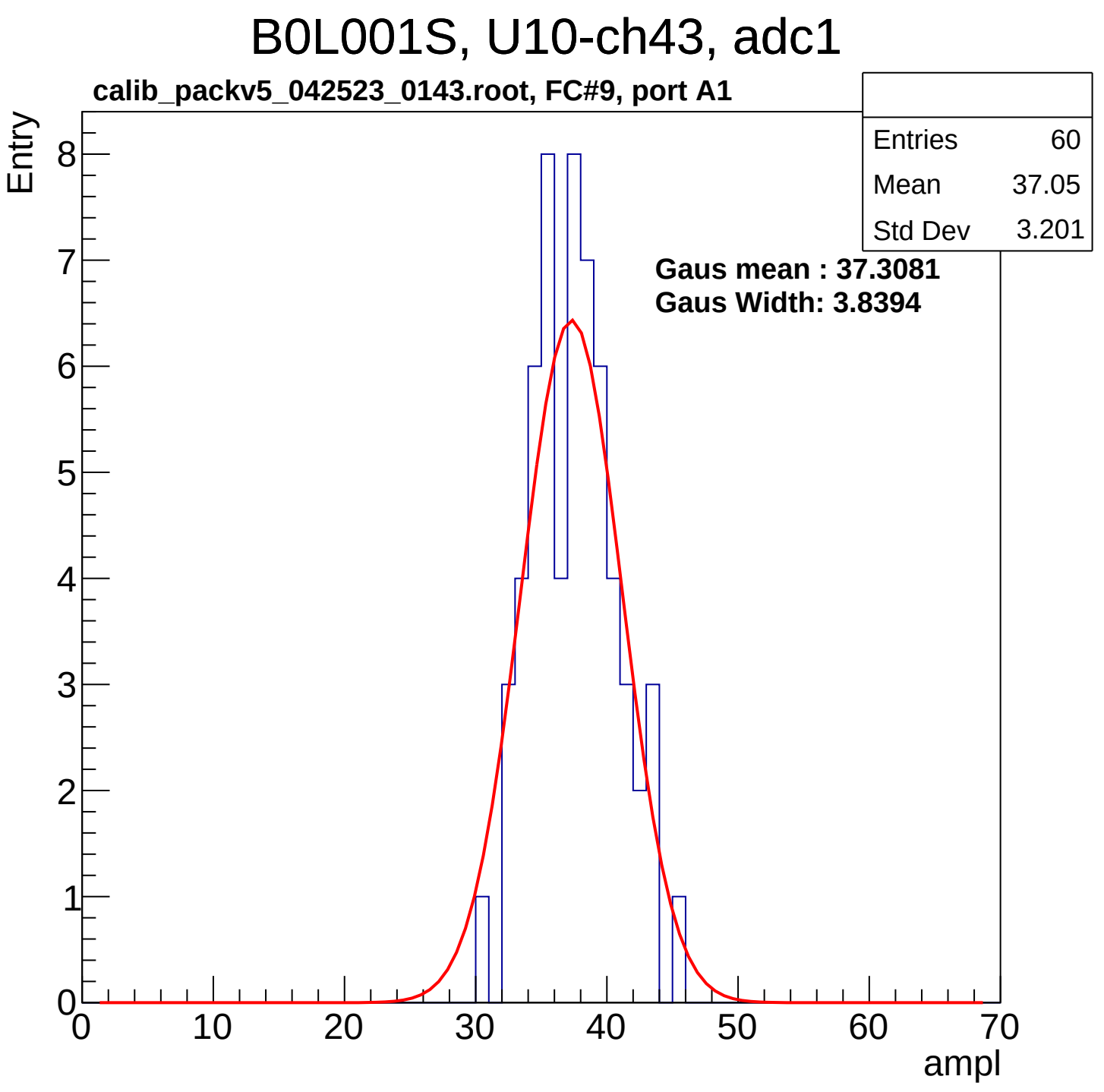

B0L001S, U10-ch42, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch43, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 29.62
Std Dev 5.076
Gaus mean : 29.9665
Gaus Width: 3.5645
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch43, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 37.05
Std Dev 3.201
Gaus mean : 37.3081
Gaus Width: 3.8394
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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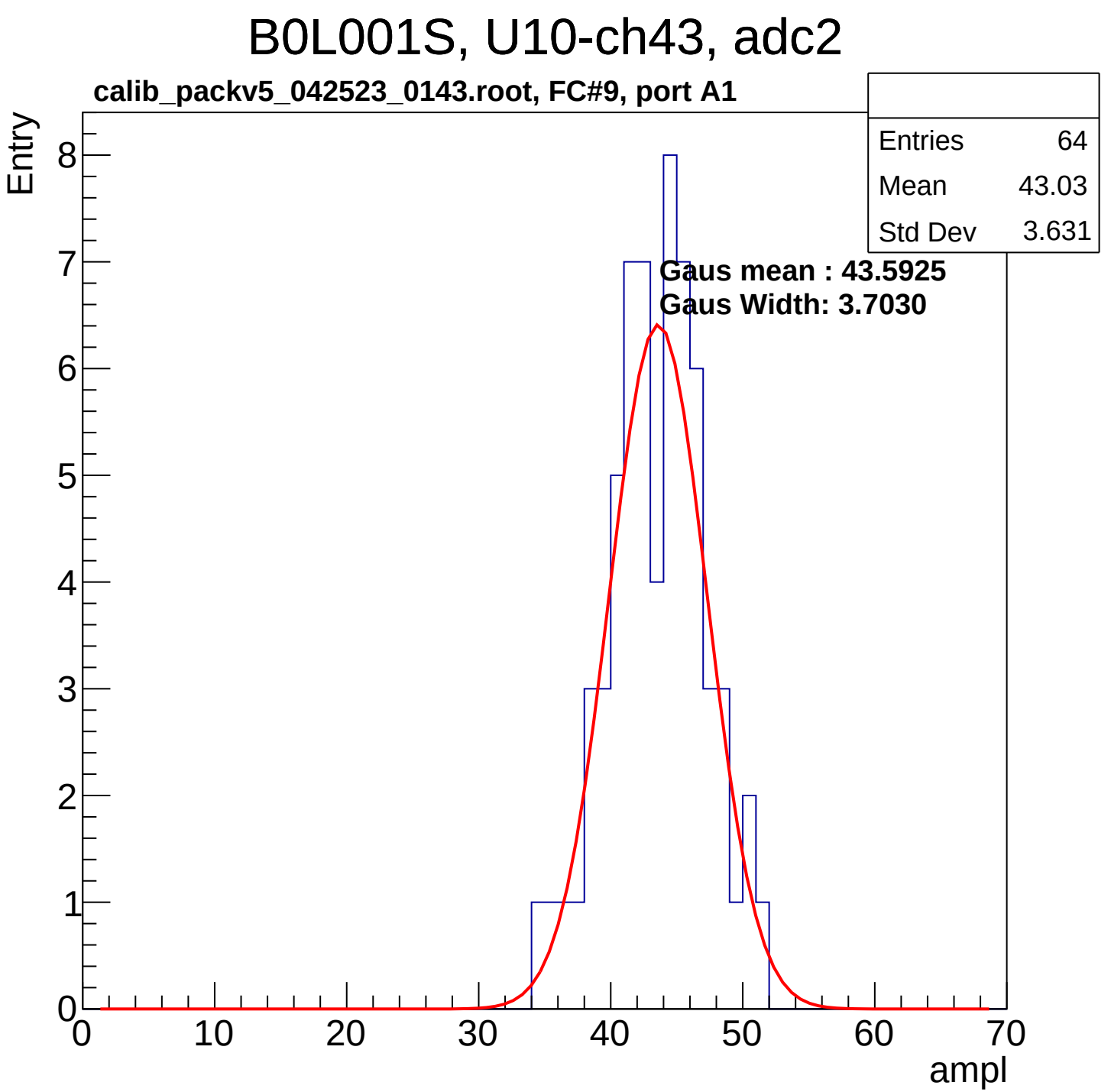
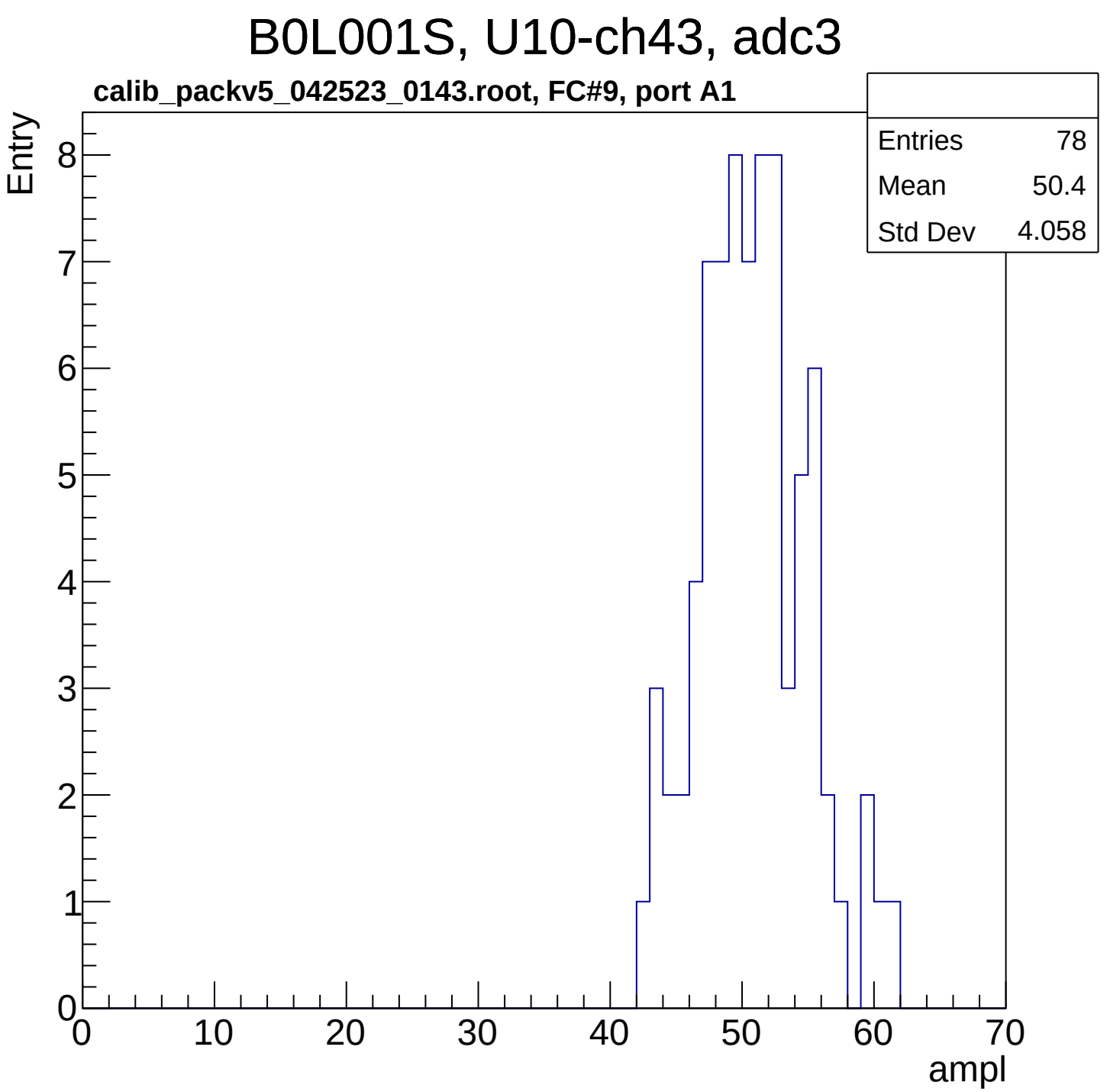
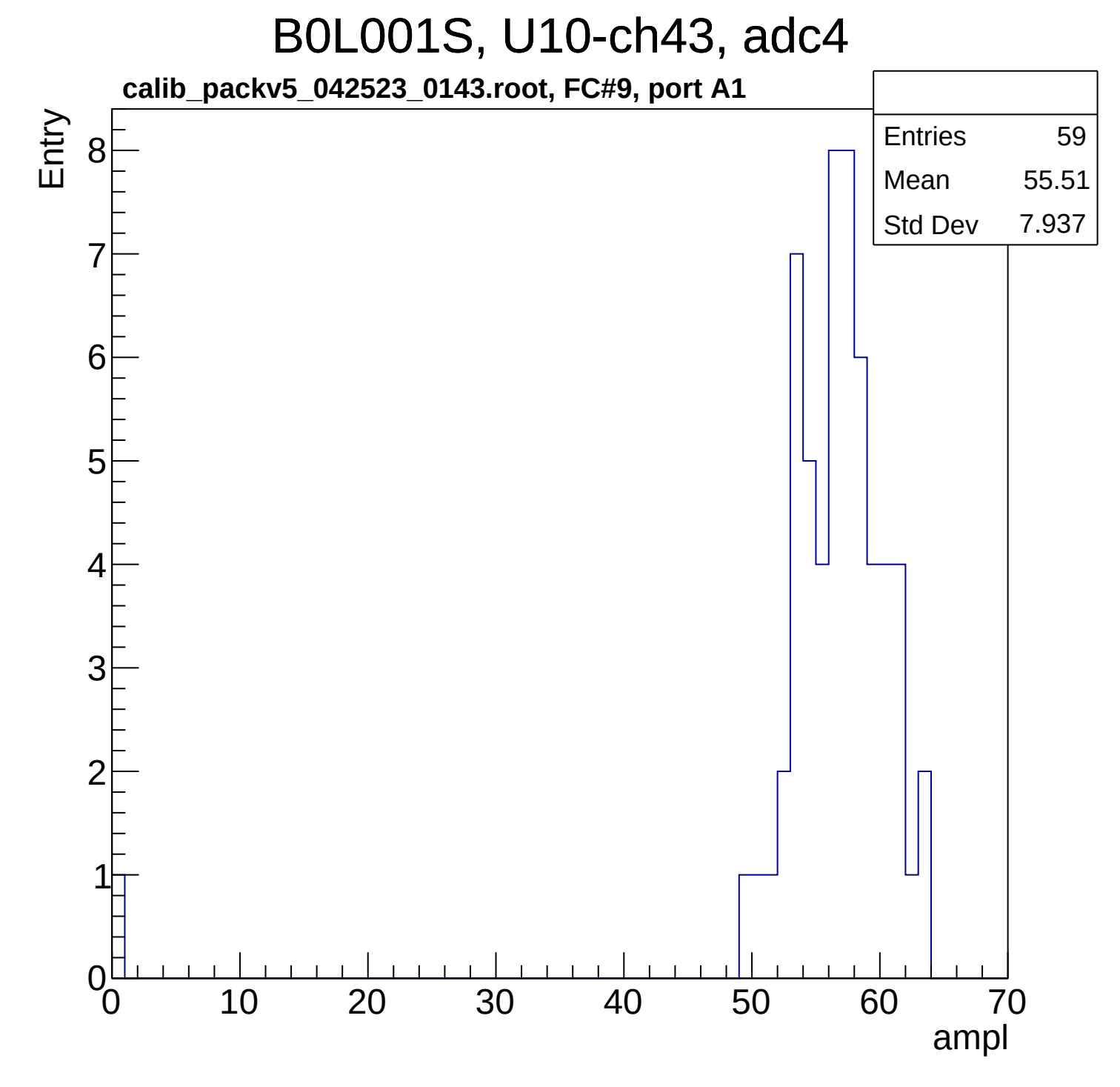
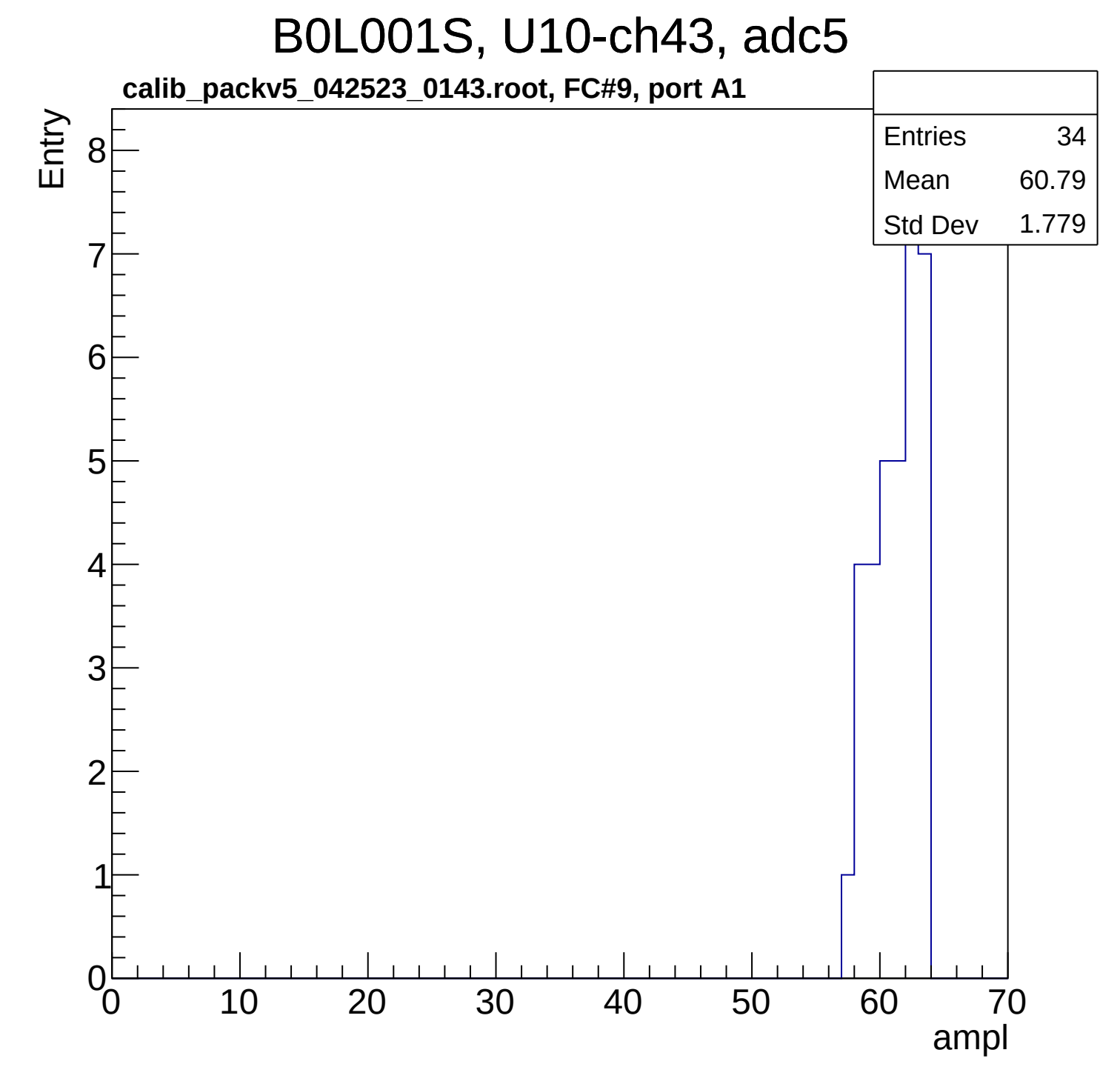
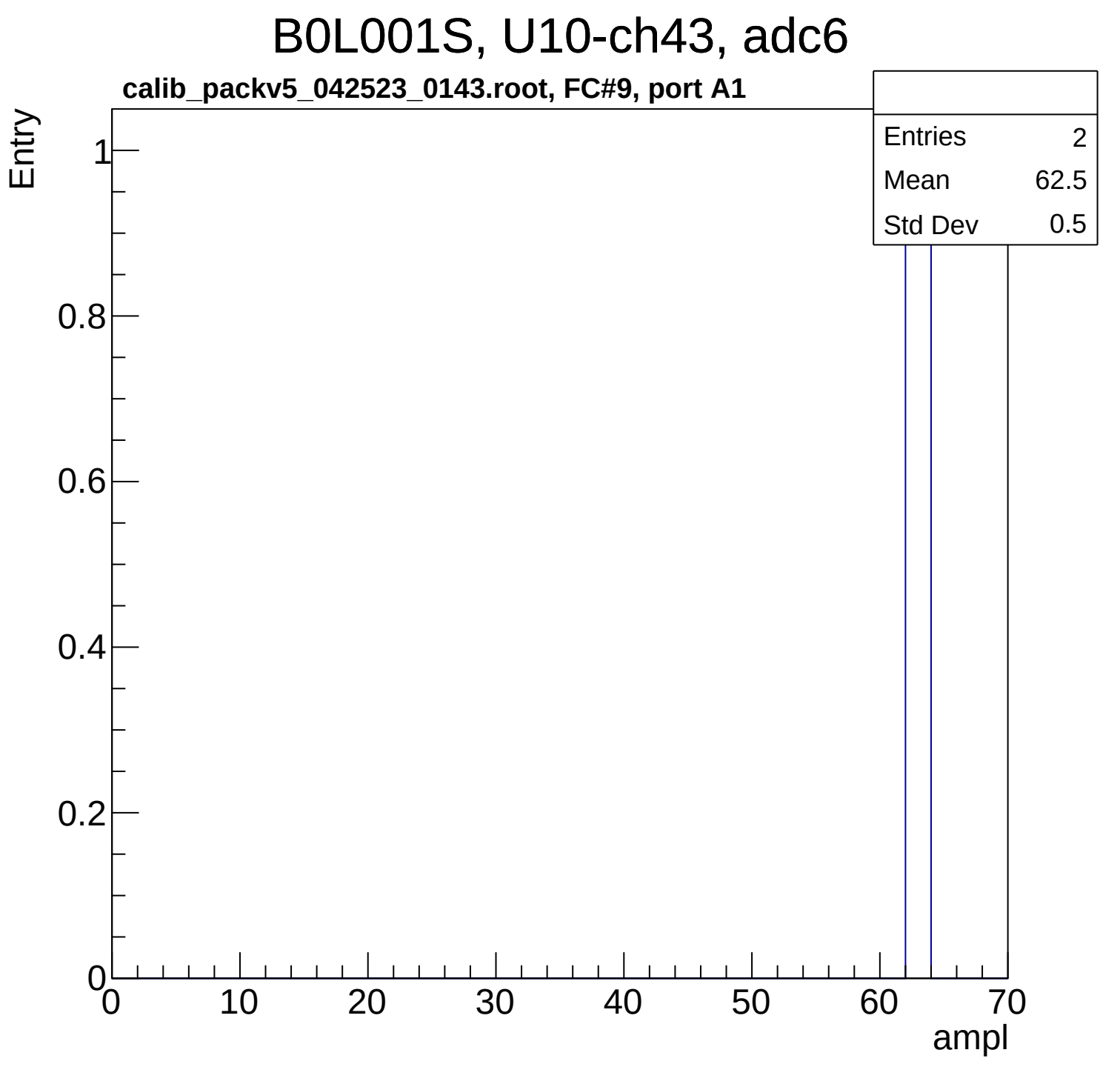
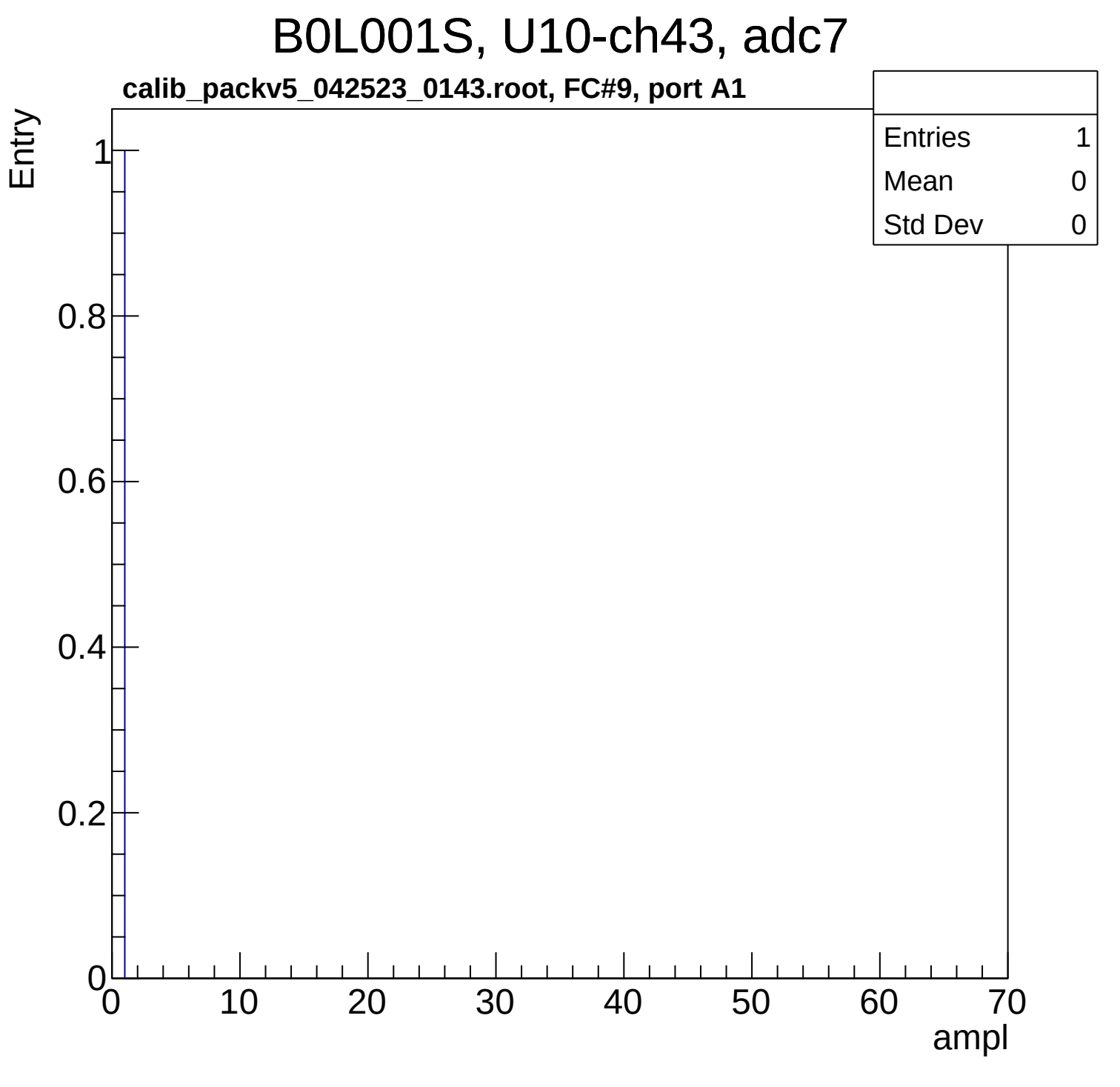

B0L001S, U10-ch43, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 43.03
Std Dev 3.631
Gaus mean : 43.5925
Gaus Width: 3.7030
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

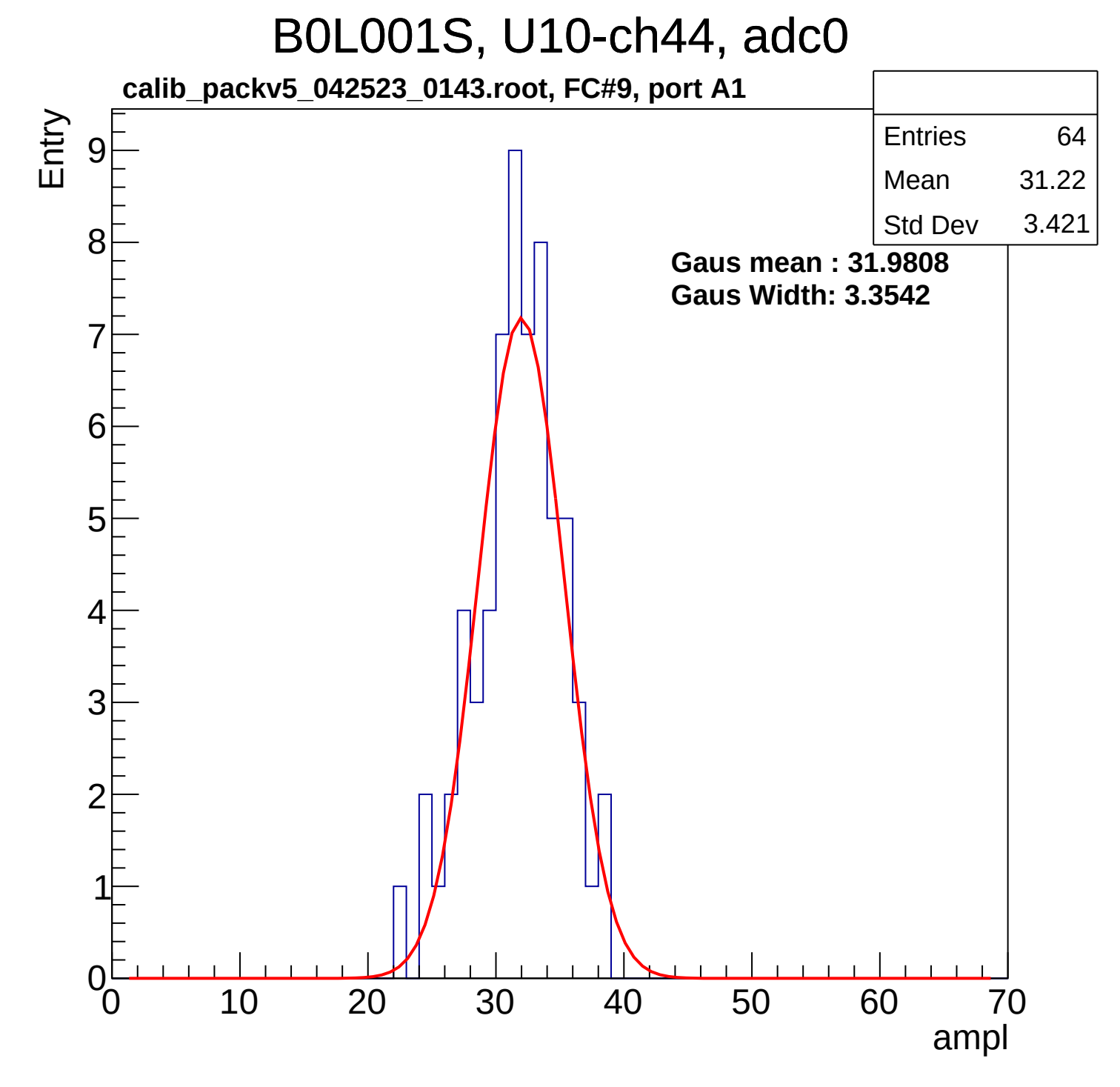

B0L001S, U10-ch43, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 50.4
Std Dev 4.058
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

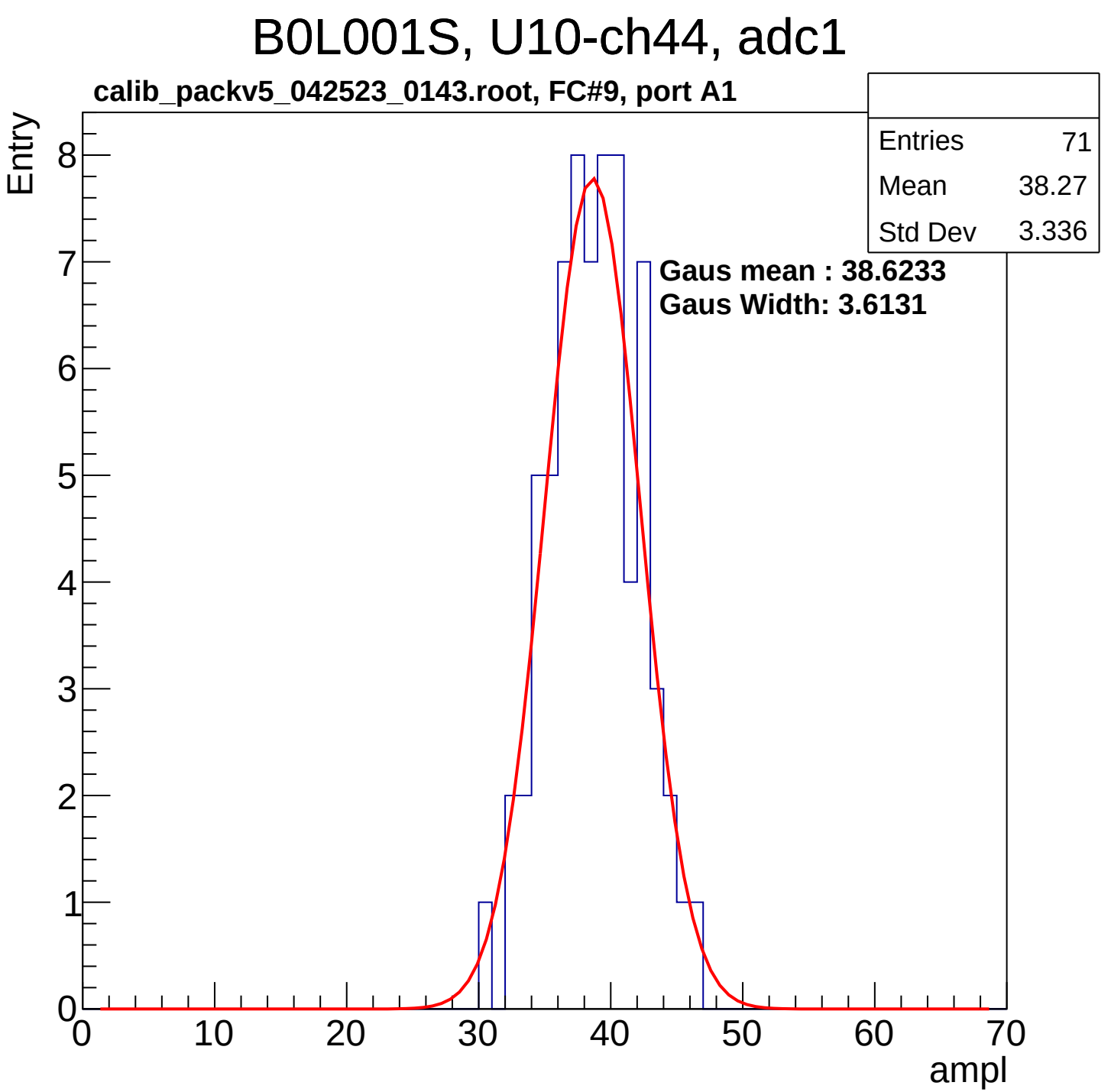

B0L001S, U10-ch43, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 55.51
Std Dev 7.937
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

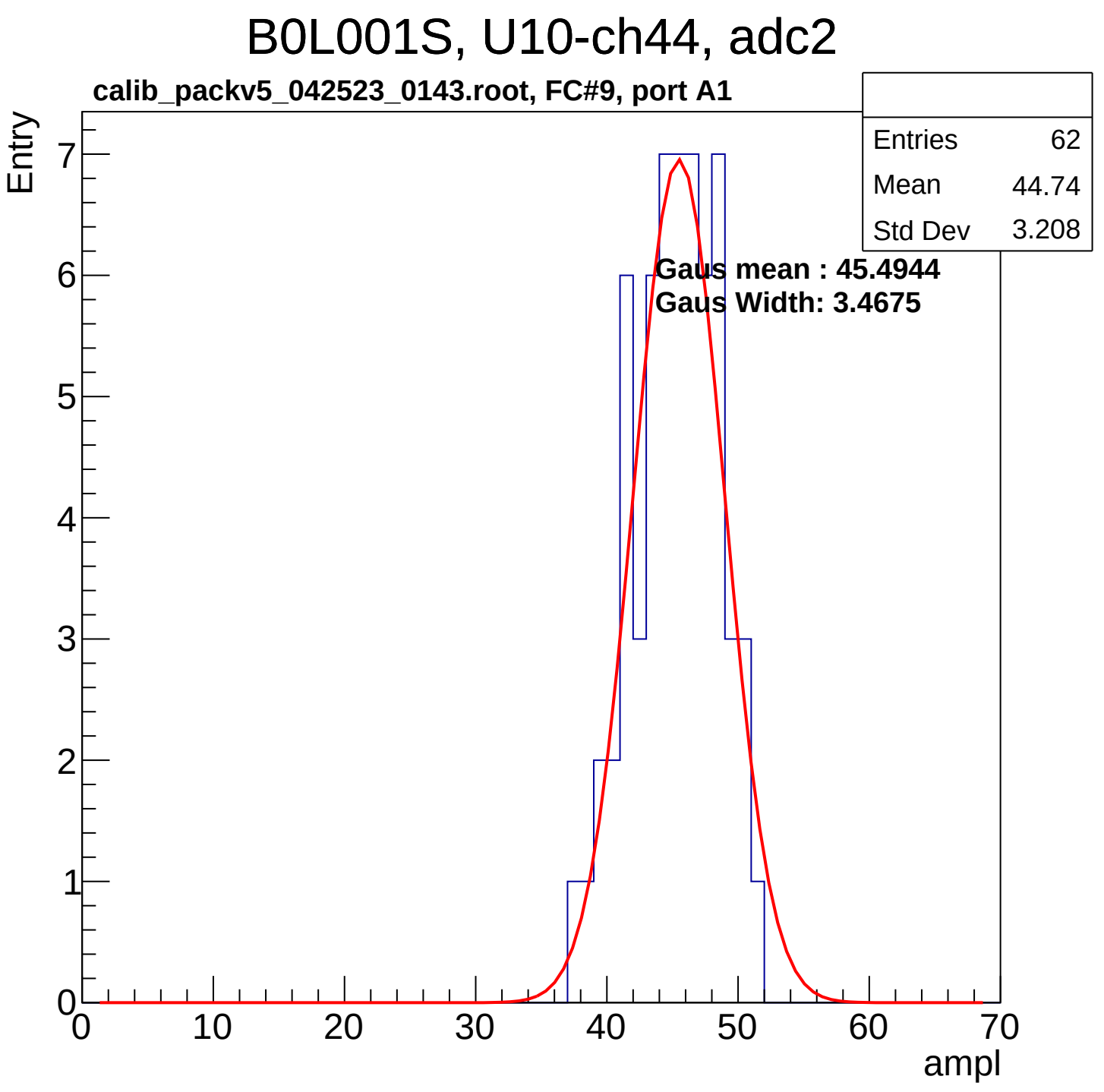

B0L001S, U10-ch43, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 60.79
Std Dev 1.779
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

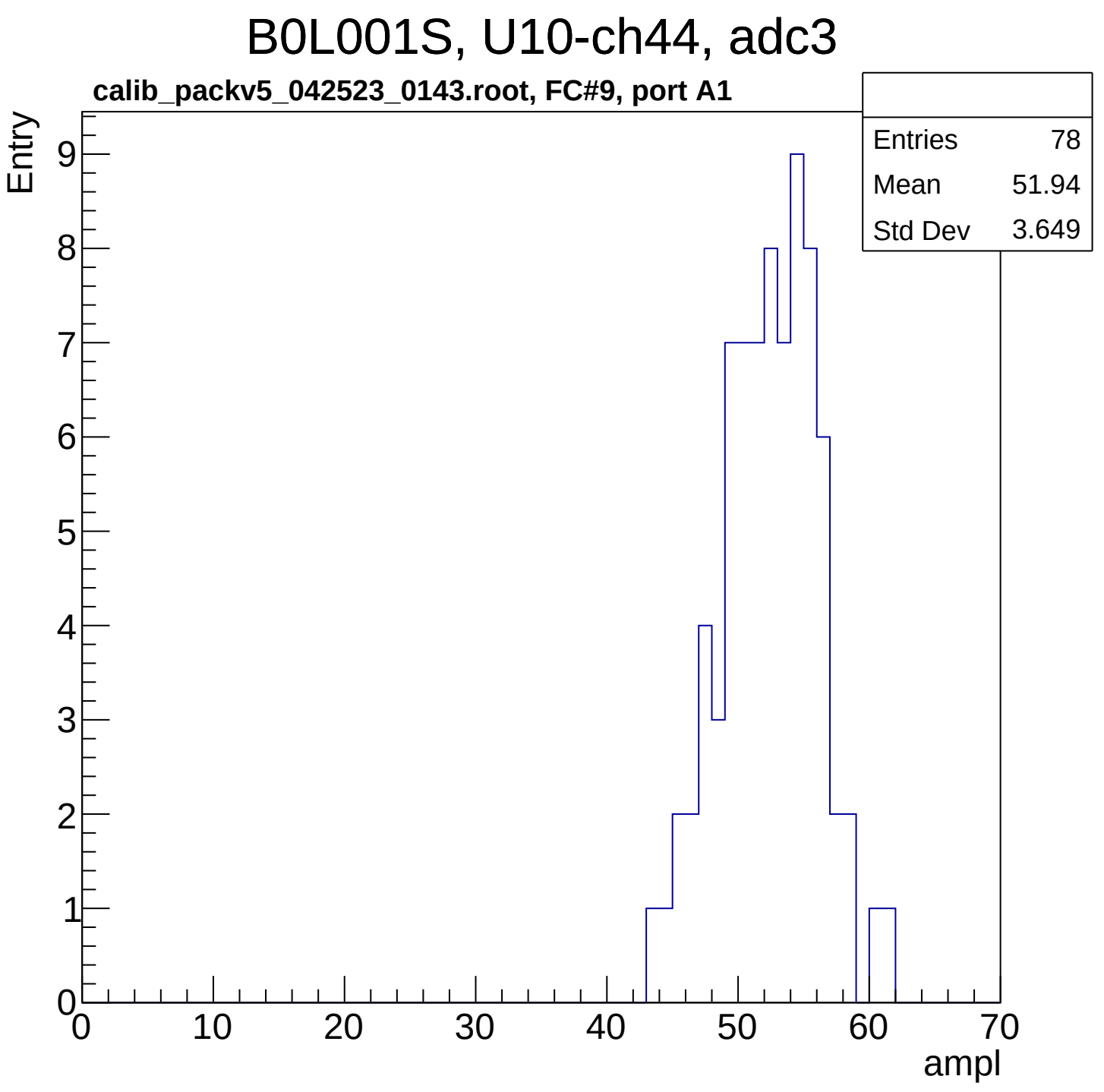

B0L001S, U10-ch43, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

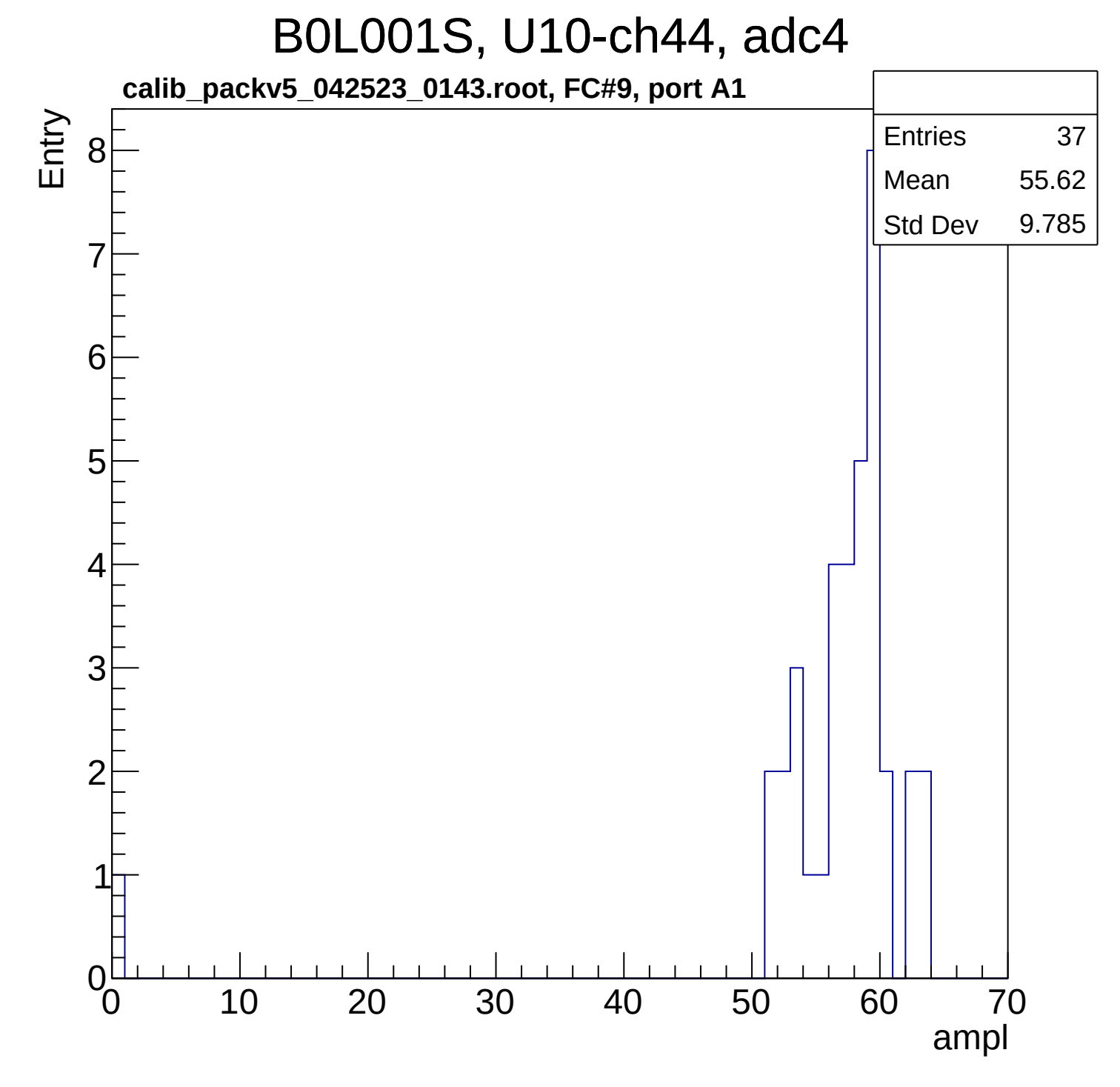

B0L001S, U10-ch43, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

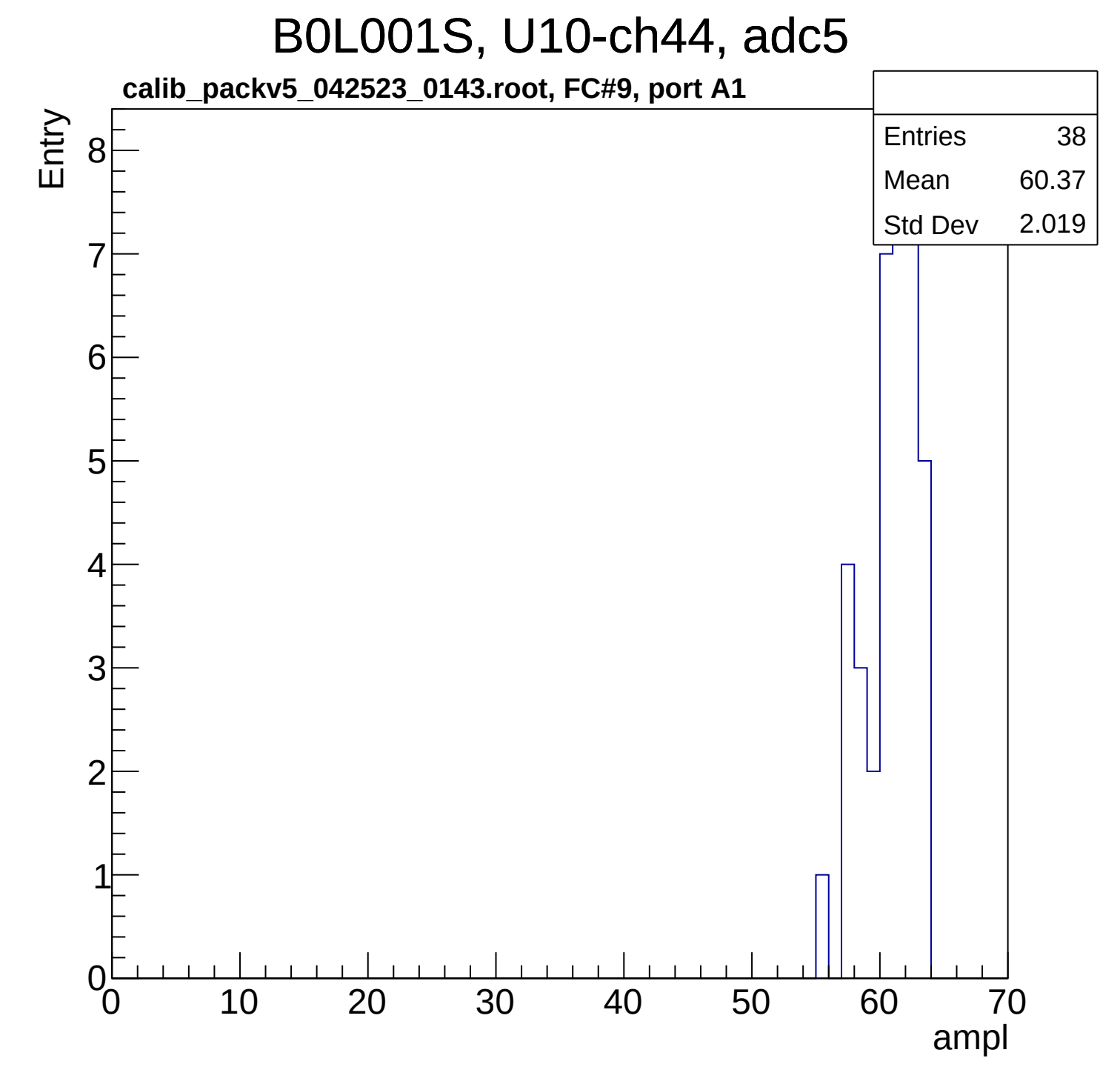

B0L001S, U10-ch44, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 31.22
Std Dev 3.421
Gaus mean : 31.9808
Gaus Width: 3.3542
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

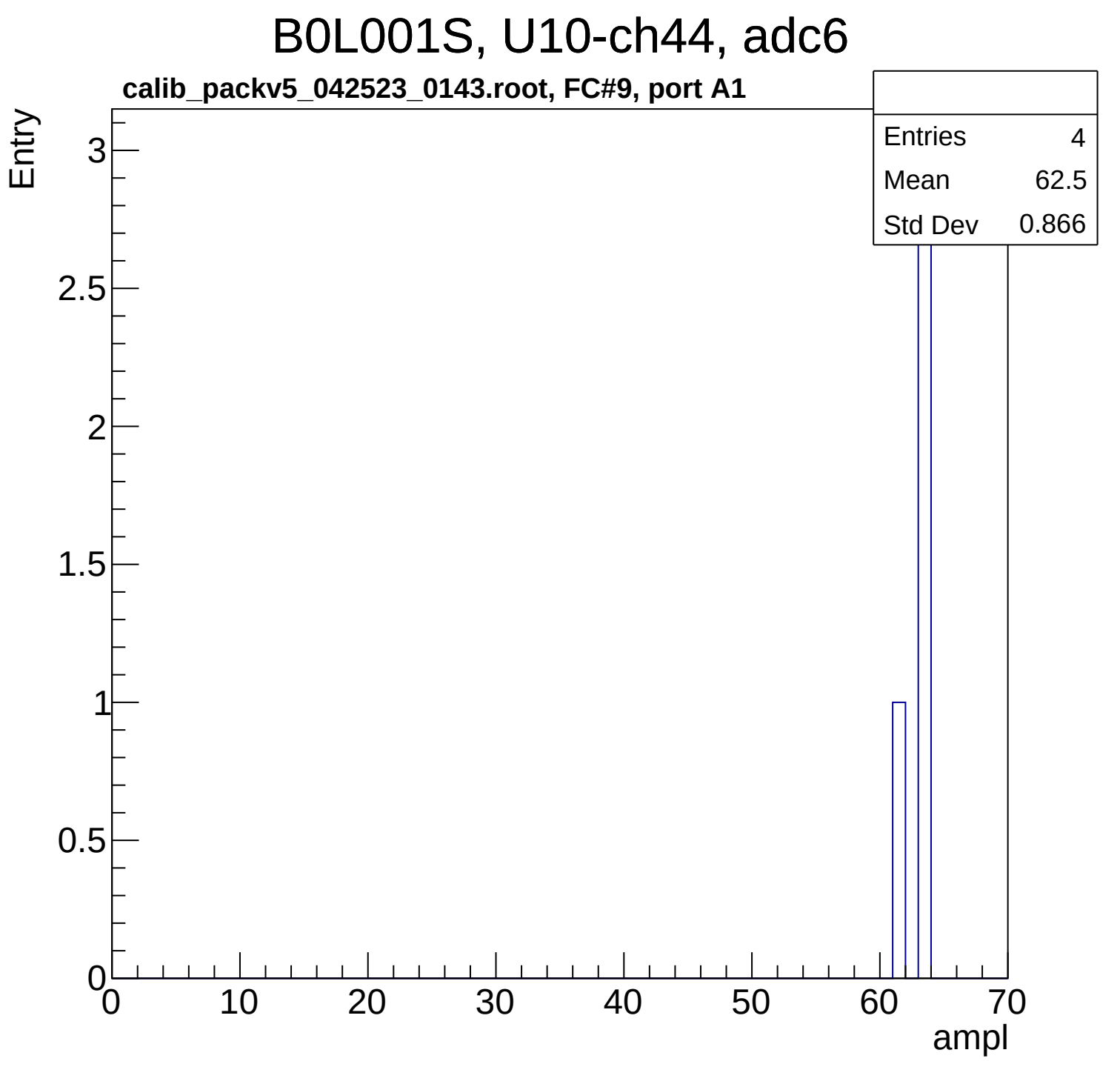

B0L001S, U10-ch44, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 38.27
Std Dev 3.336
Gaus mean : 38.6233
Gaus Width: 3.6131
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

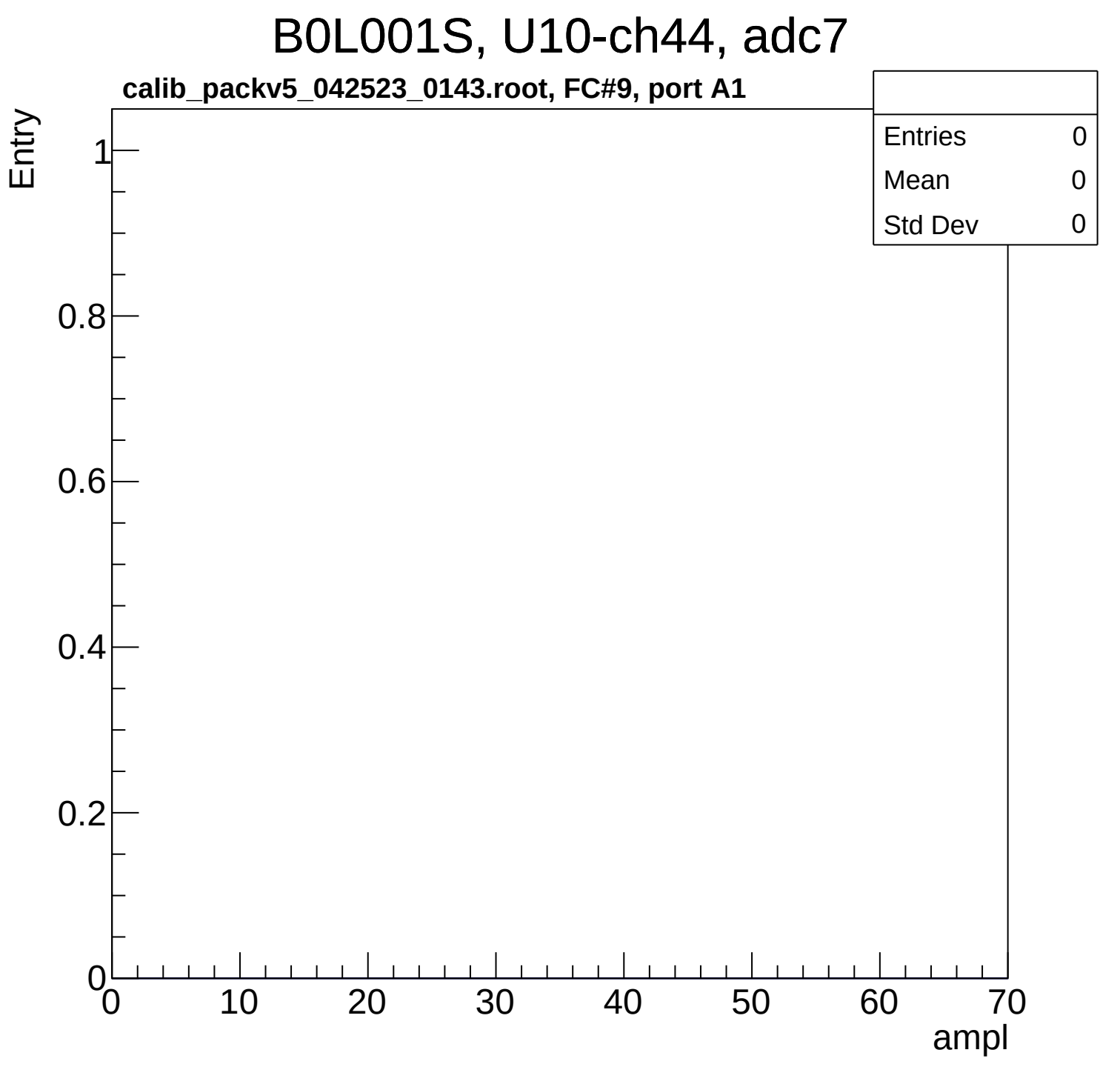

B0L001S, U10-ch44, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 44.74
Std Dev 3.208
Gaus mean : 45.4944
Gaus Width: 3.4675
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

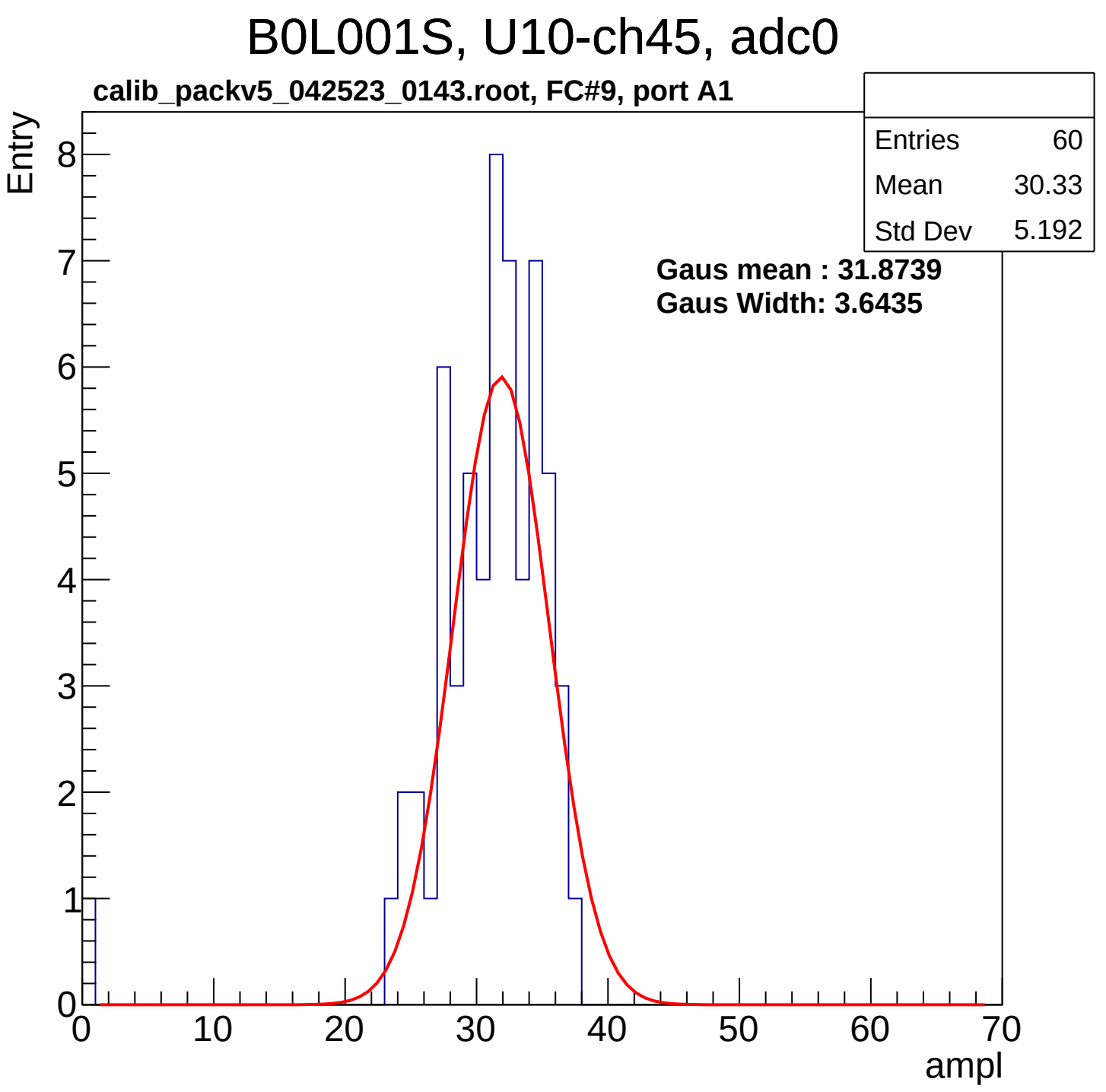

B0L001S, U10-ch44, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 51.94
Std Dev 3.649
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

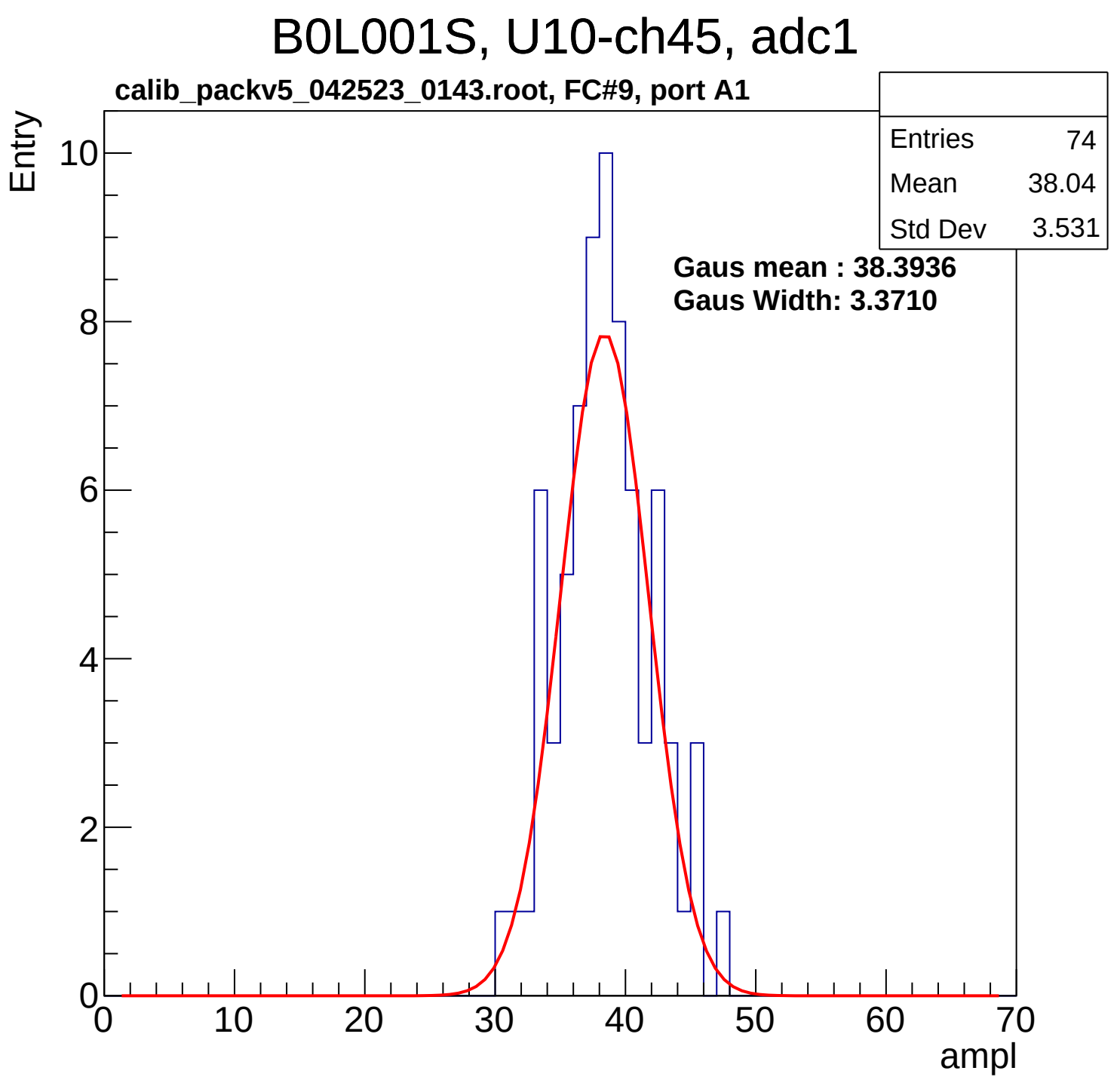

B0L001S, U10-ch44, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 55.62
Std Dev 9.785
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

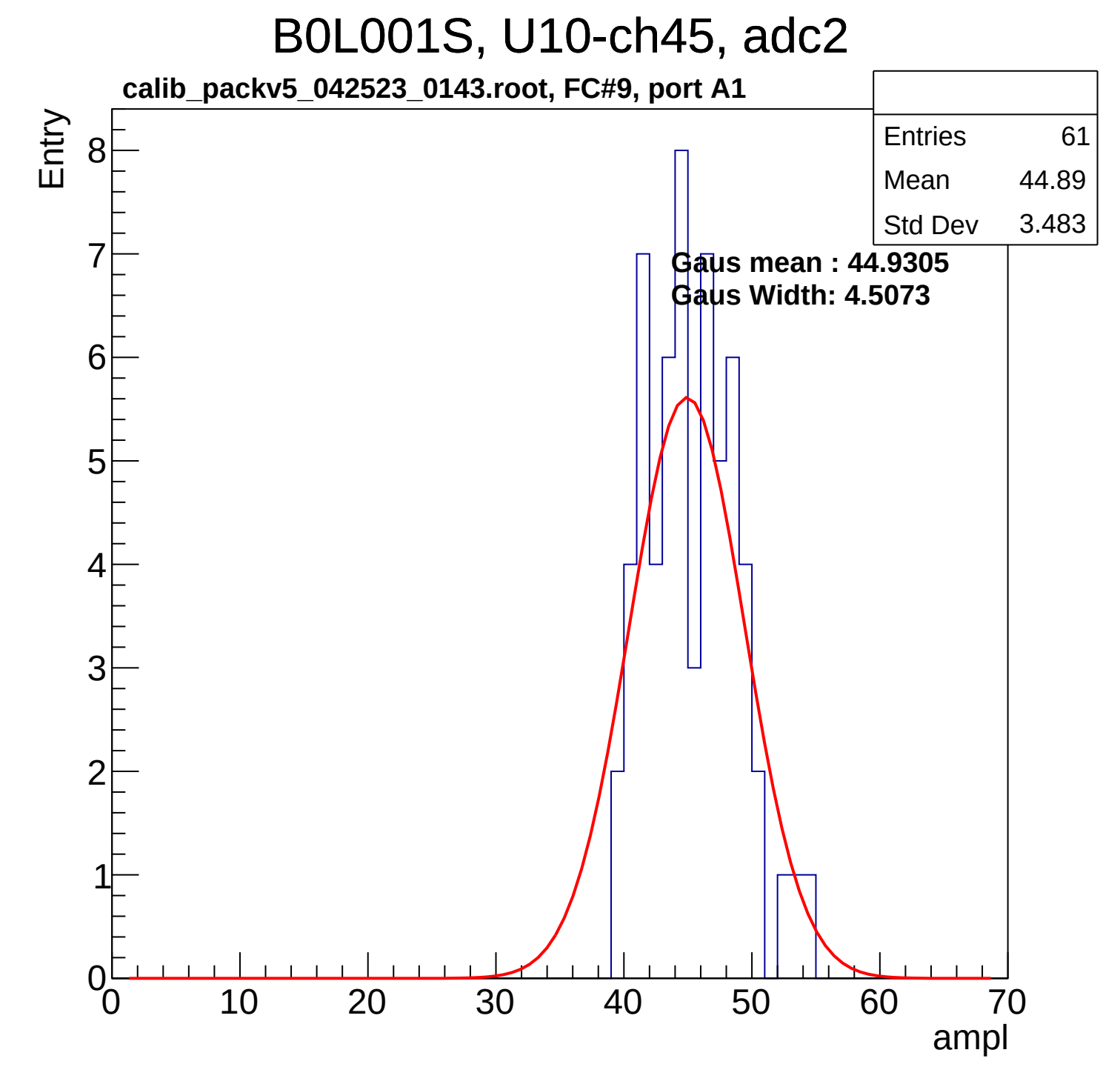

B0L001S, U10-ch44, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 60.37
Std Dev 2.019
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

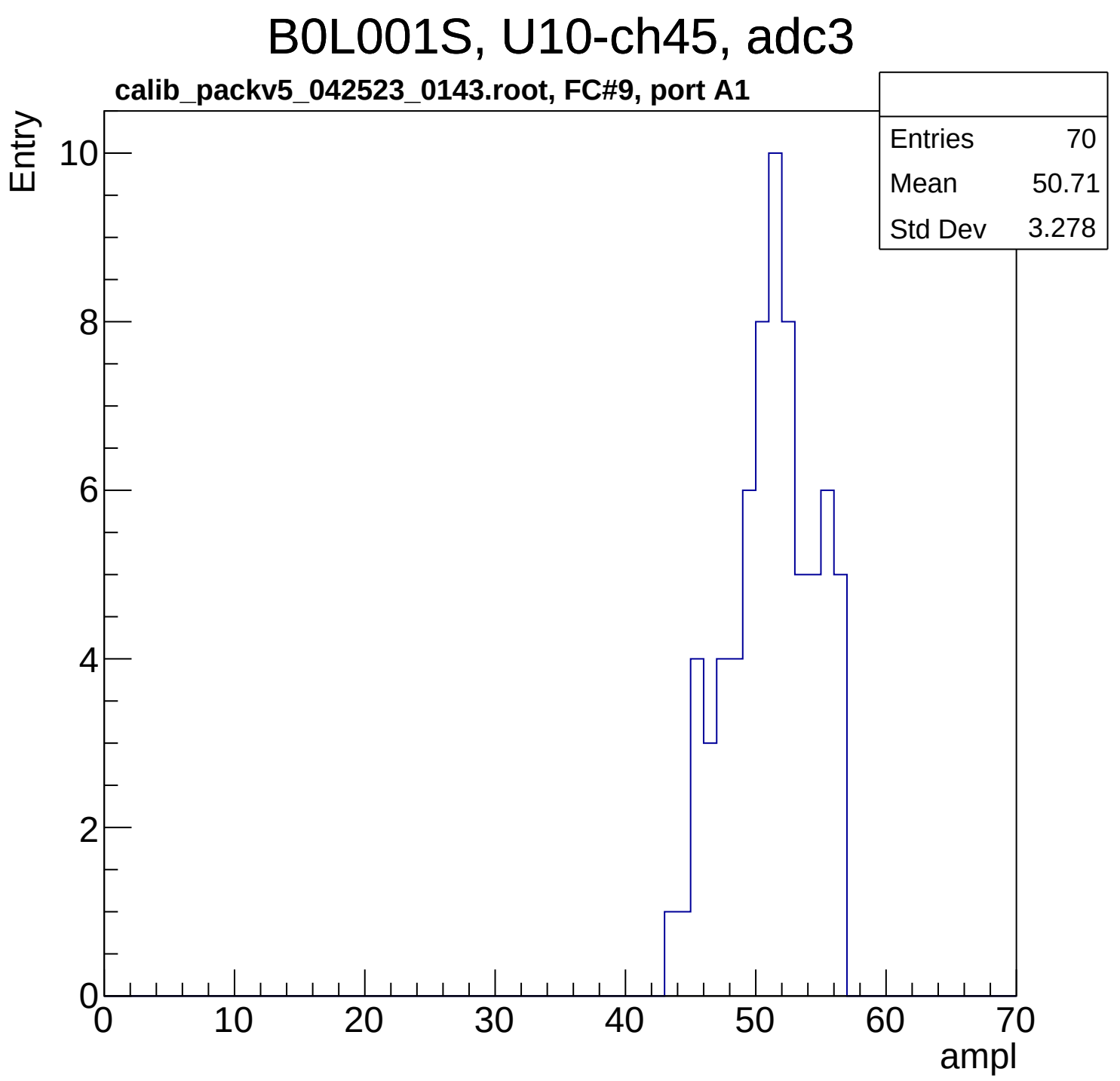

B0L001S, U10-ch44, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.5
Std Dev 0.866
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

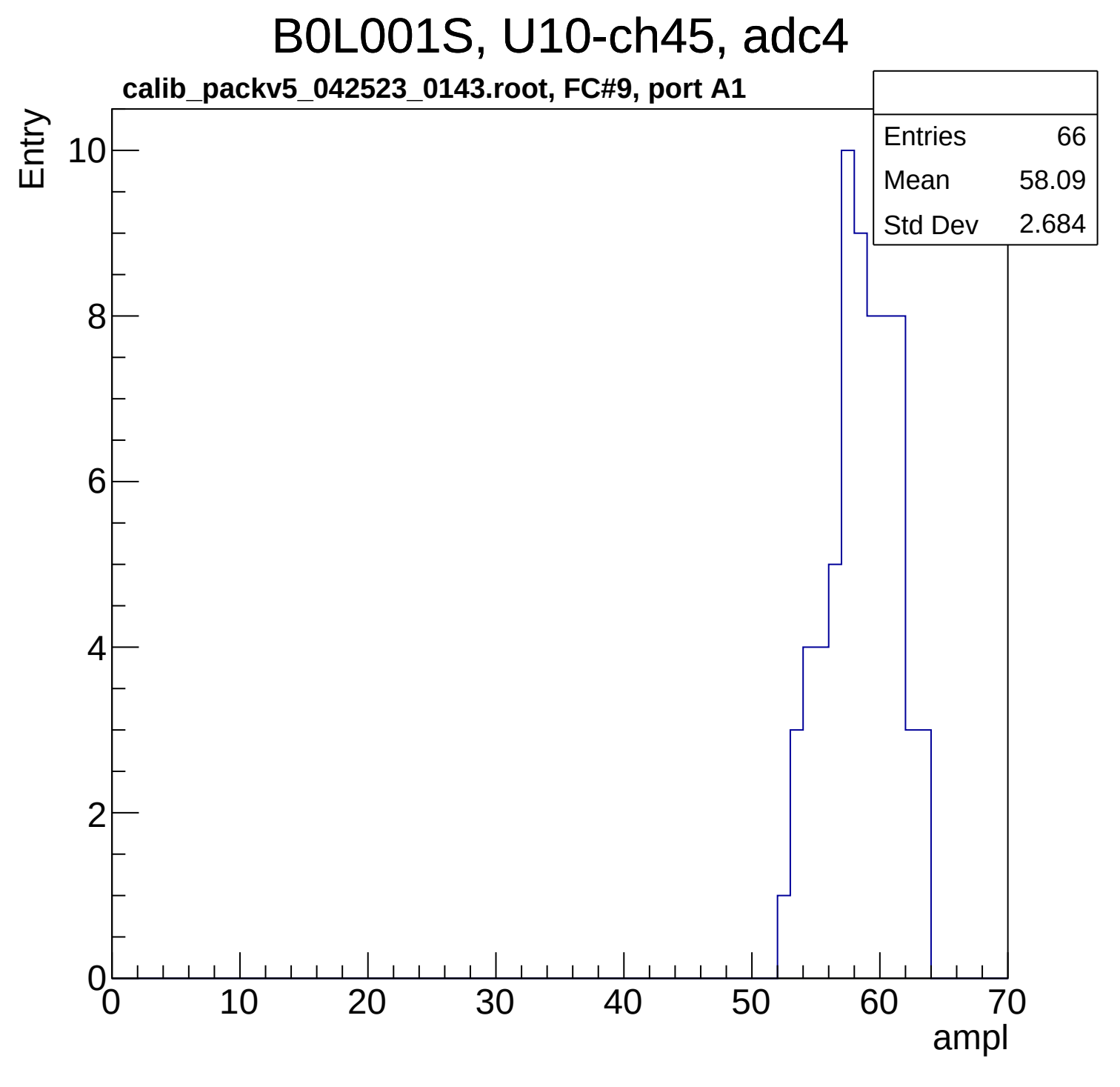

B0L001S, U10-ch44, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

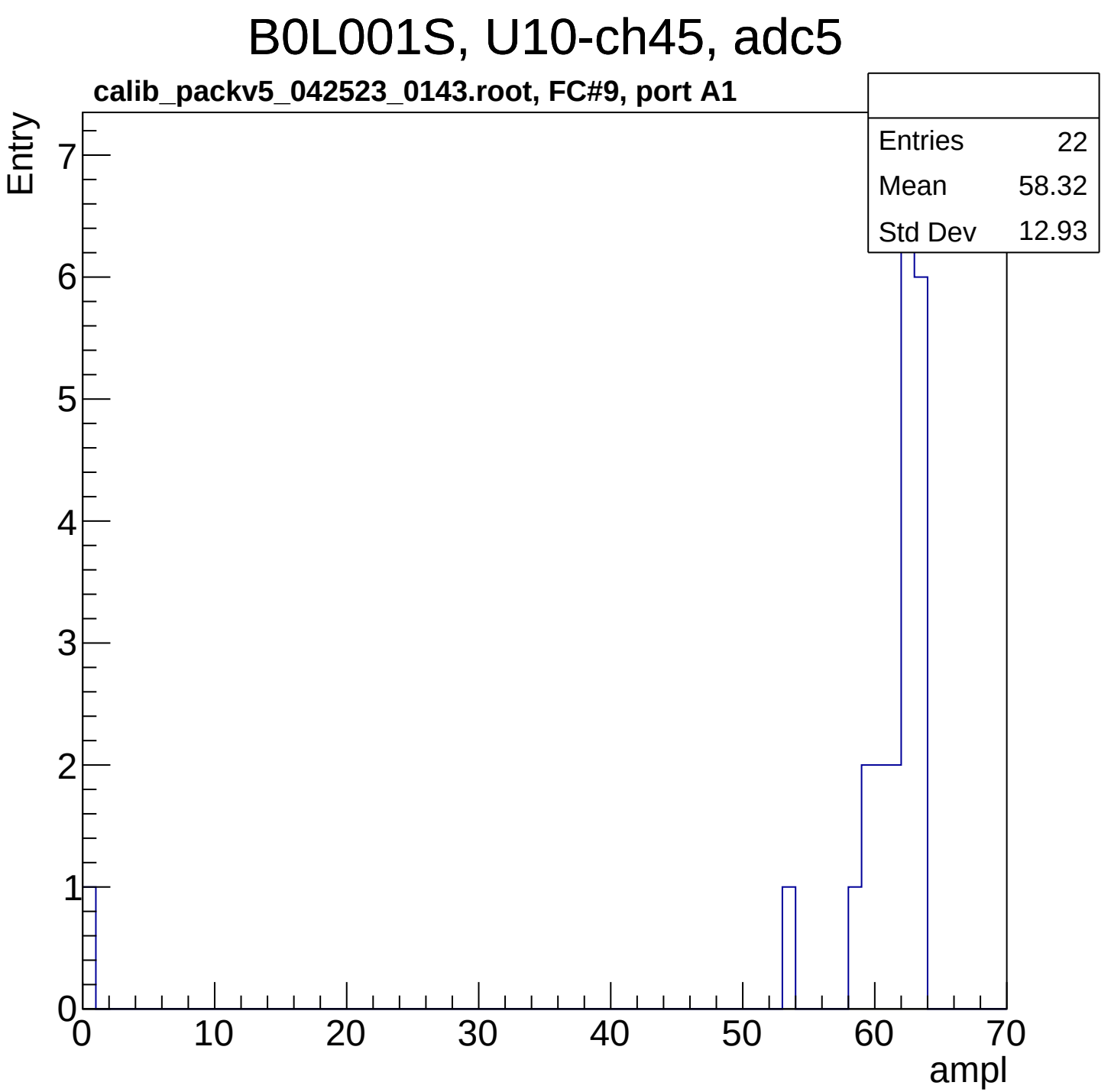

B0L001S, U10-ch45, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 30.33
Std Dev 5.192
Gaus mean : 31.8739
Gaus Width: 3.6435
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch45, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 38.04
Std Dev 3.531
Gaus mean : 38.3936
Gaus Width: 3.3710
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch45, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 44.89
Std Dev 3.483
Gaus mean : 44.9305
Gaus Width: 4.5073
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch45, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 50.71
Std Dev 3.278
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch45, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 58.09
Std Dev 2.684
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch45, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 22
Mean 58.32
Std Dev 12.93
Entry
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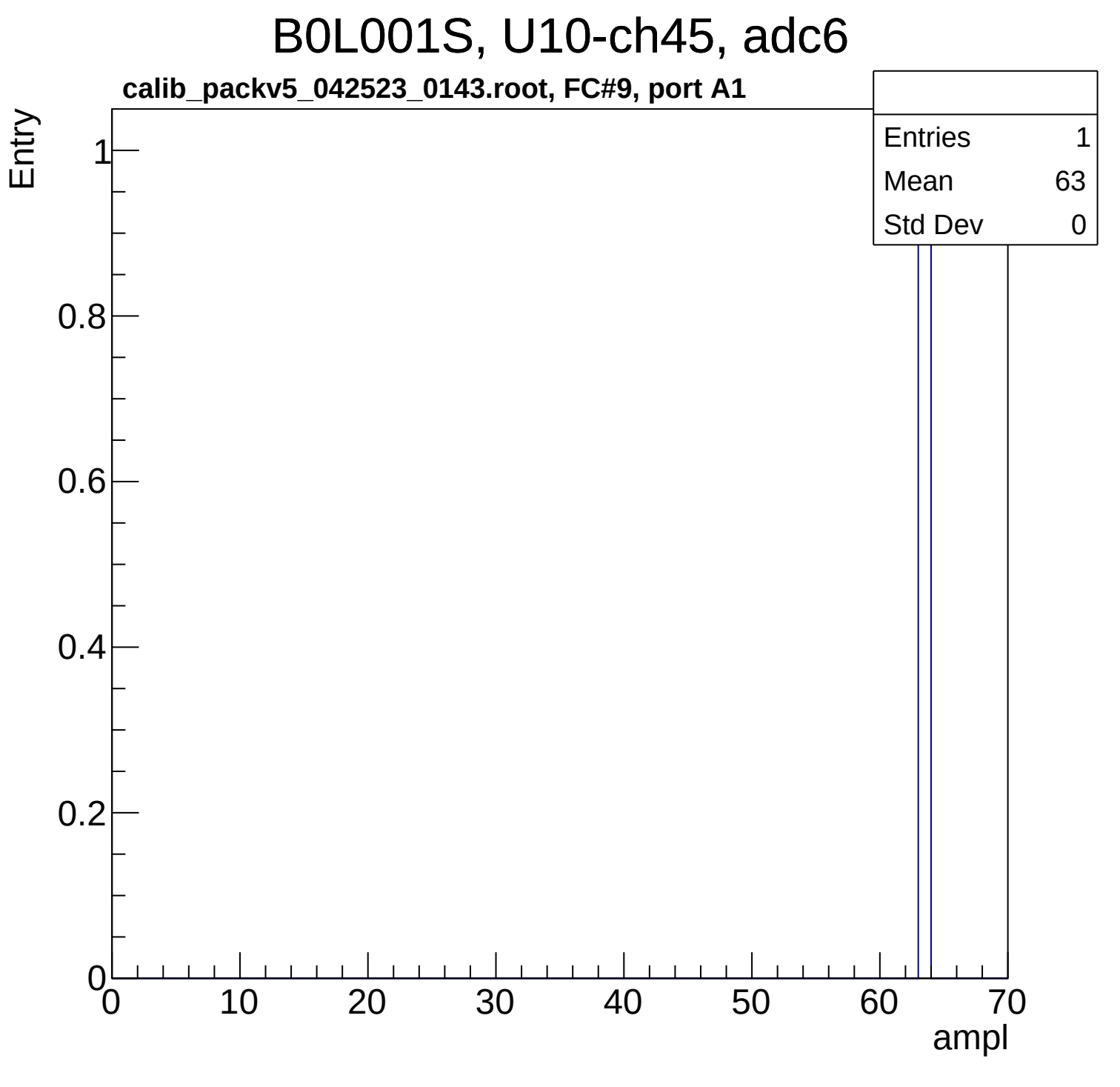
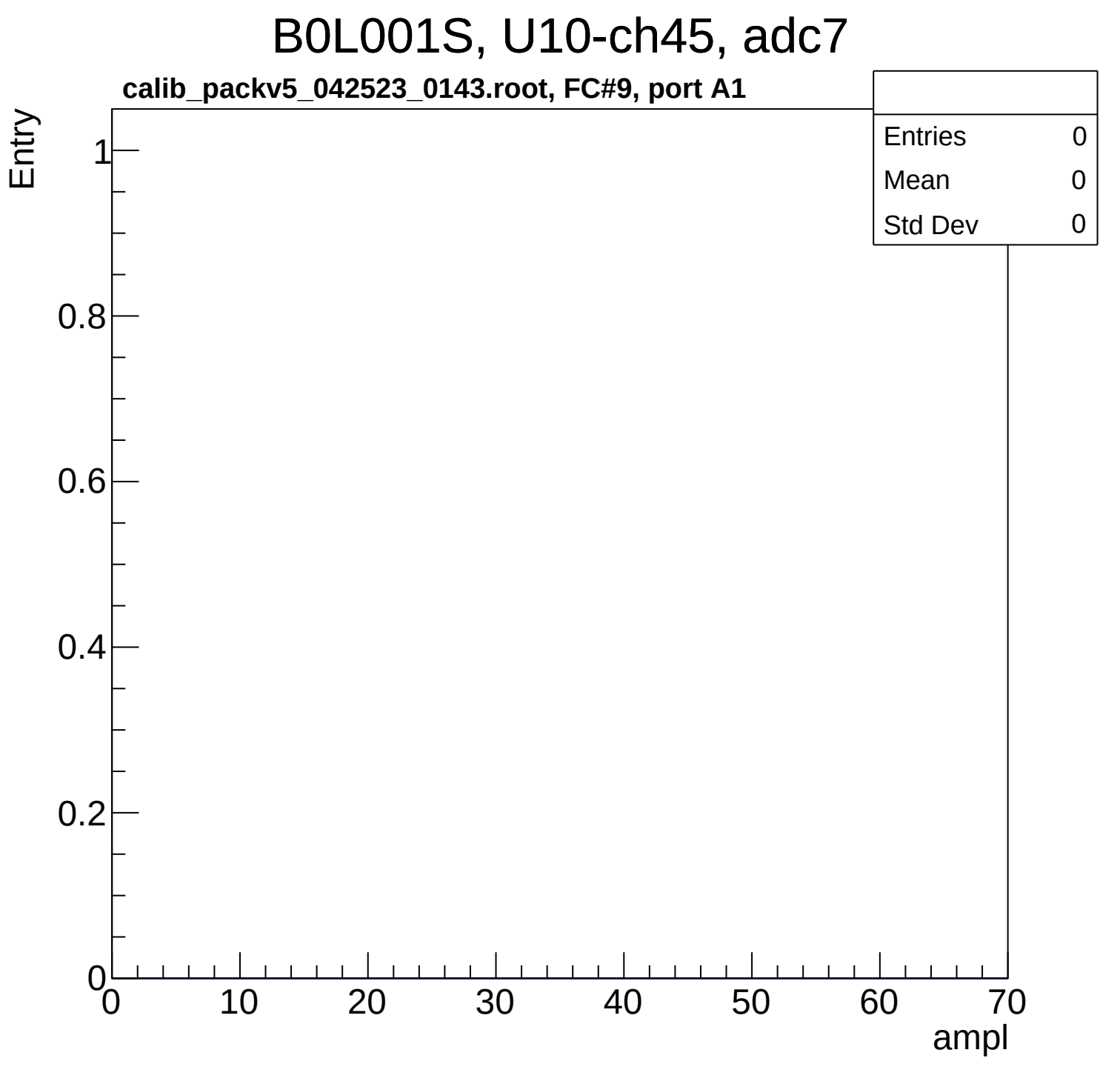
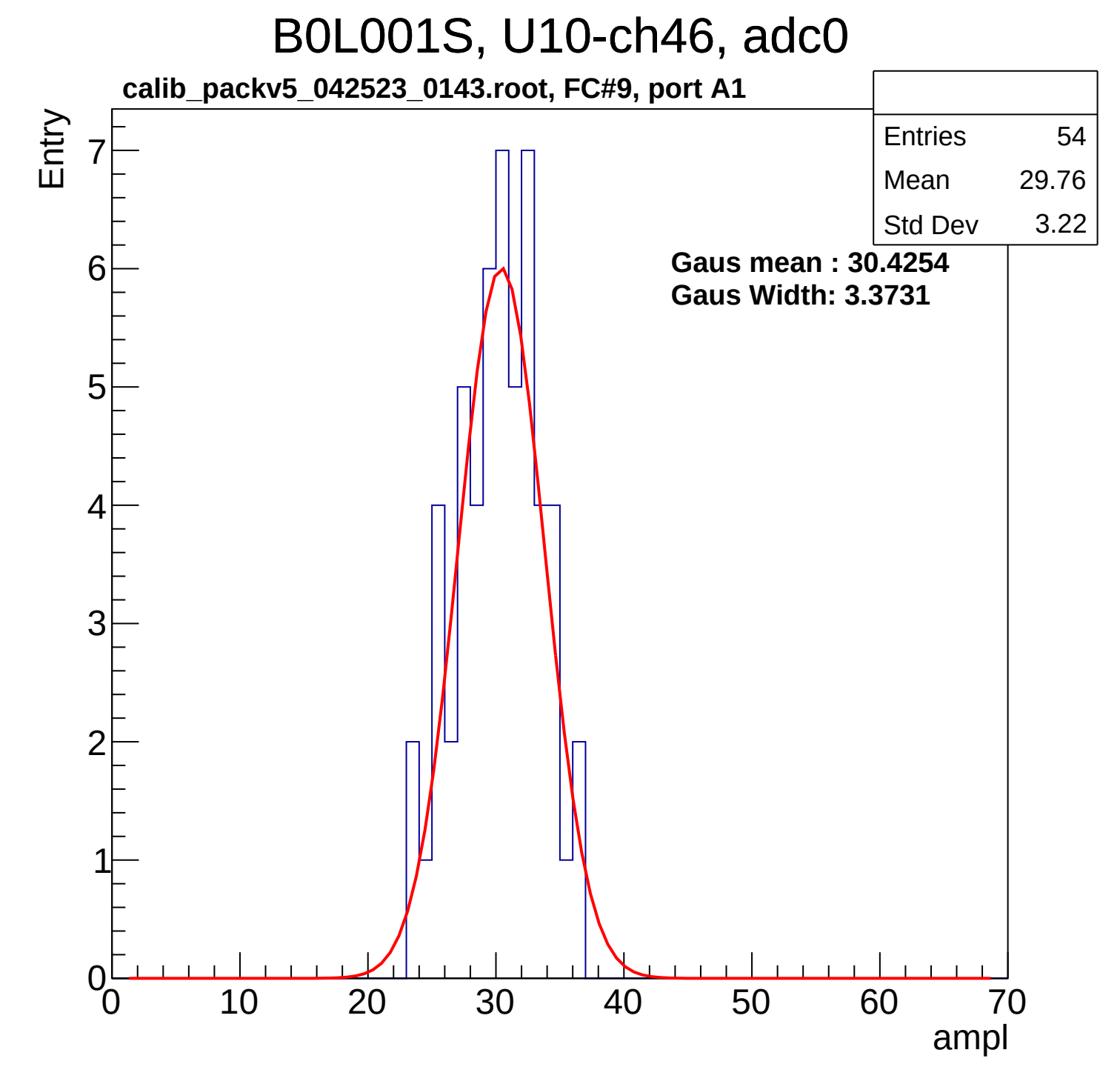
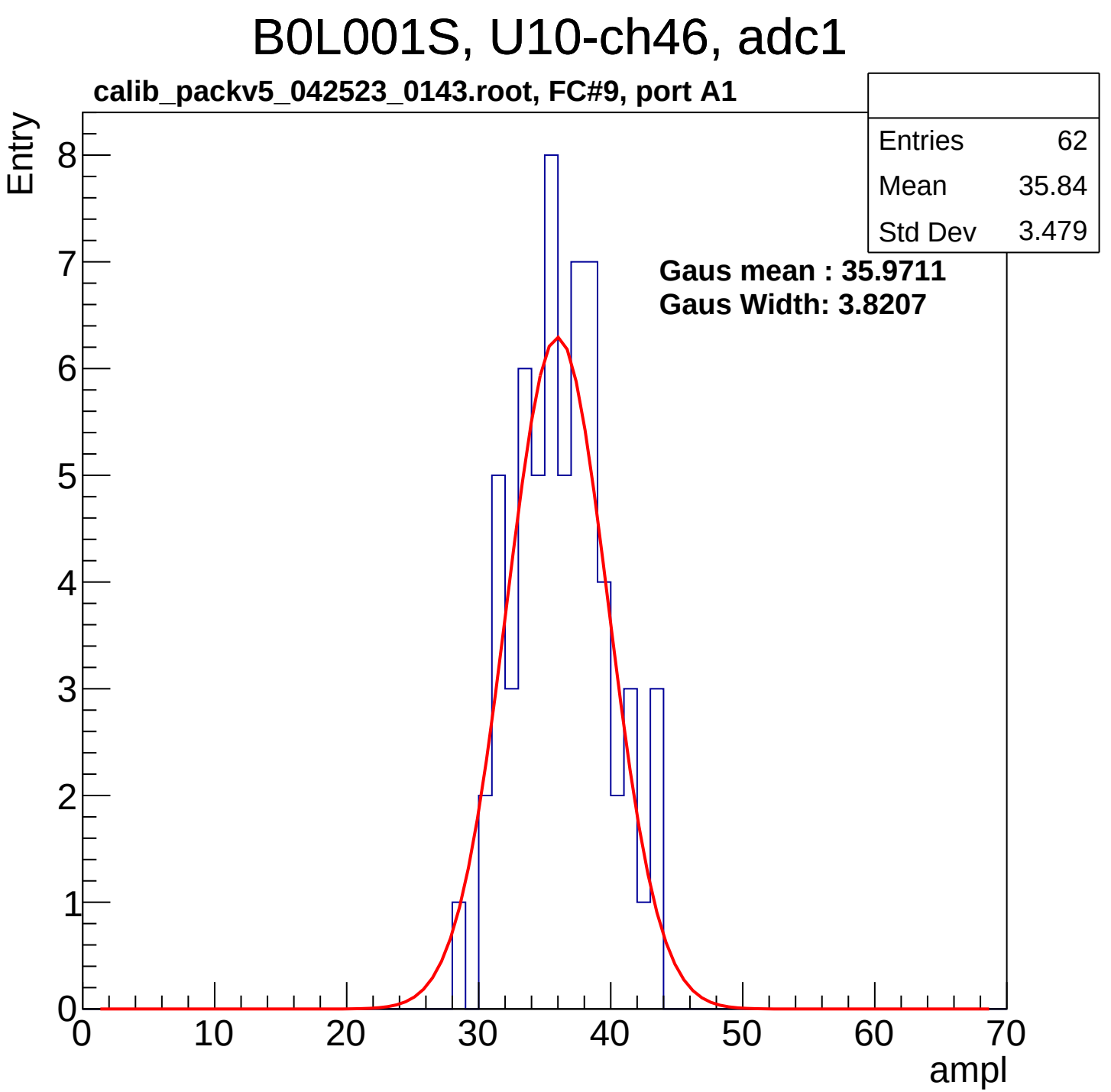
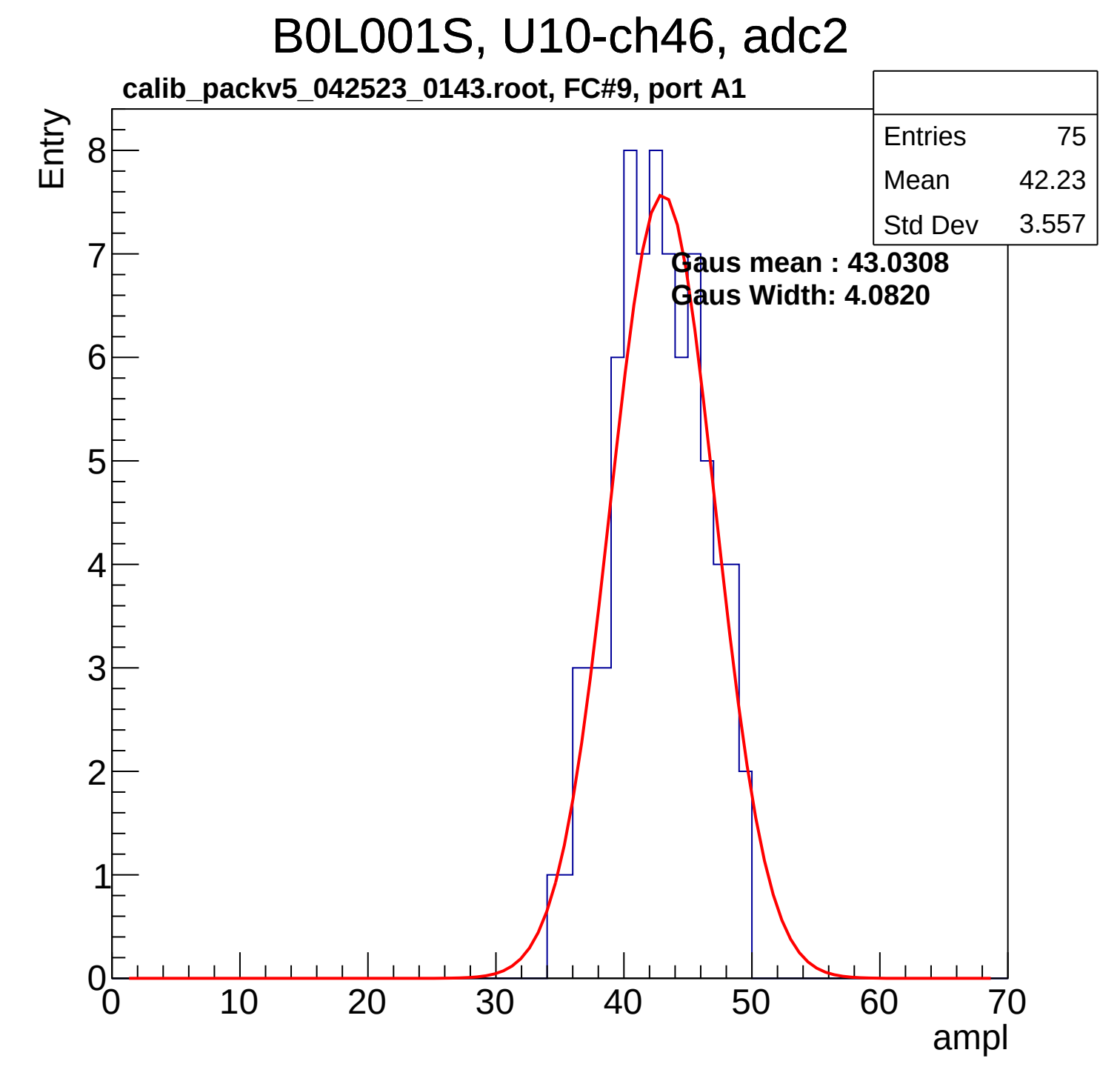
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

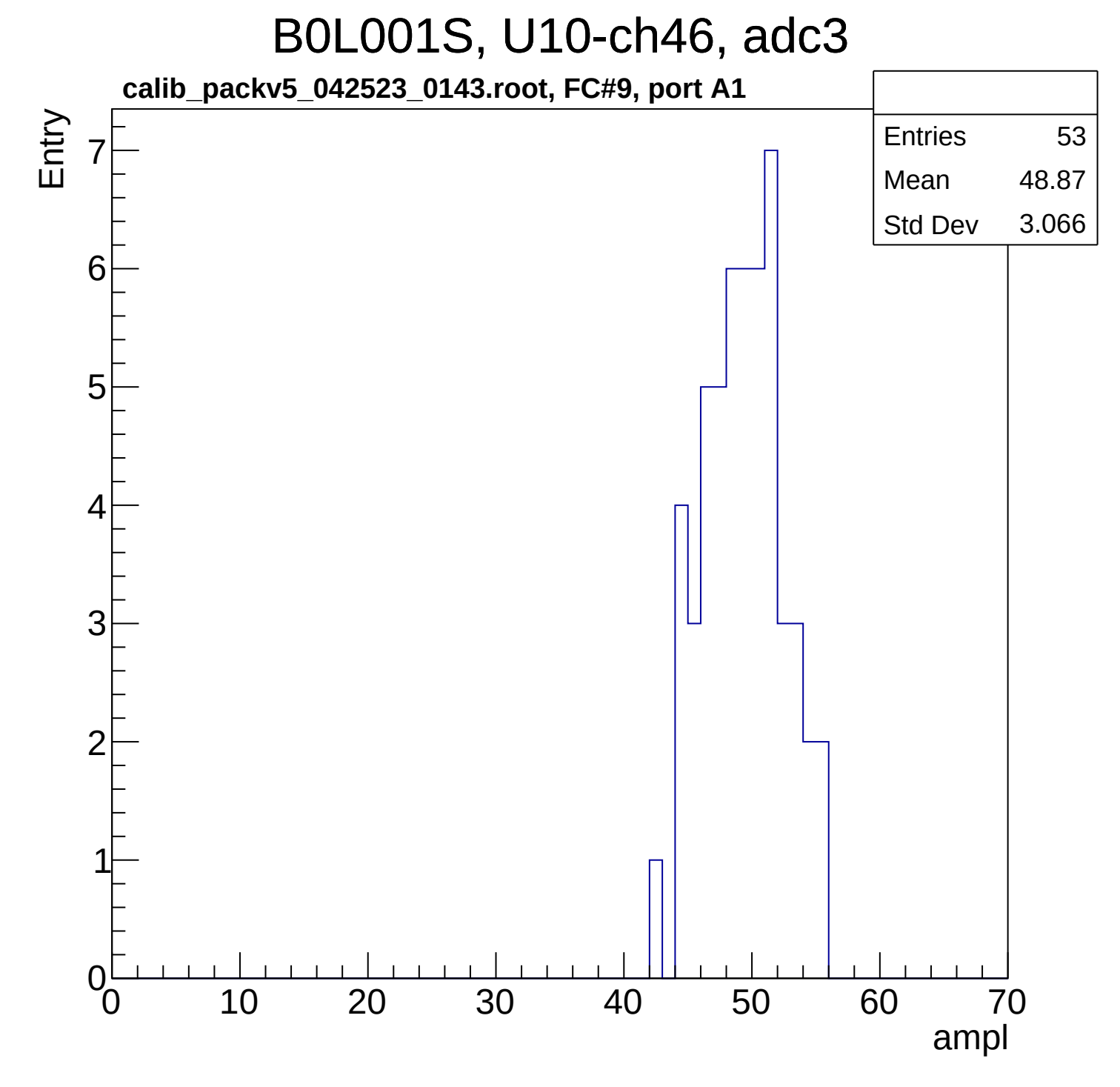

B0L001S, U10-ch45, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch45, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch46, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 29.76
Std Dev 3.22
Gaus mean : 30.4254
Gaus Width: 3.3731
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch46, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 35.84
Std Dev 3.479
Gaus mean : 35.9711
Gaus Width: 3.8207
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch46, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 42.23
Std Dev 3.557
Gaus mean : 43.0308
Gaus Width: 4.0820
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch46, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 48.87
Std Dev 3.066
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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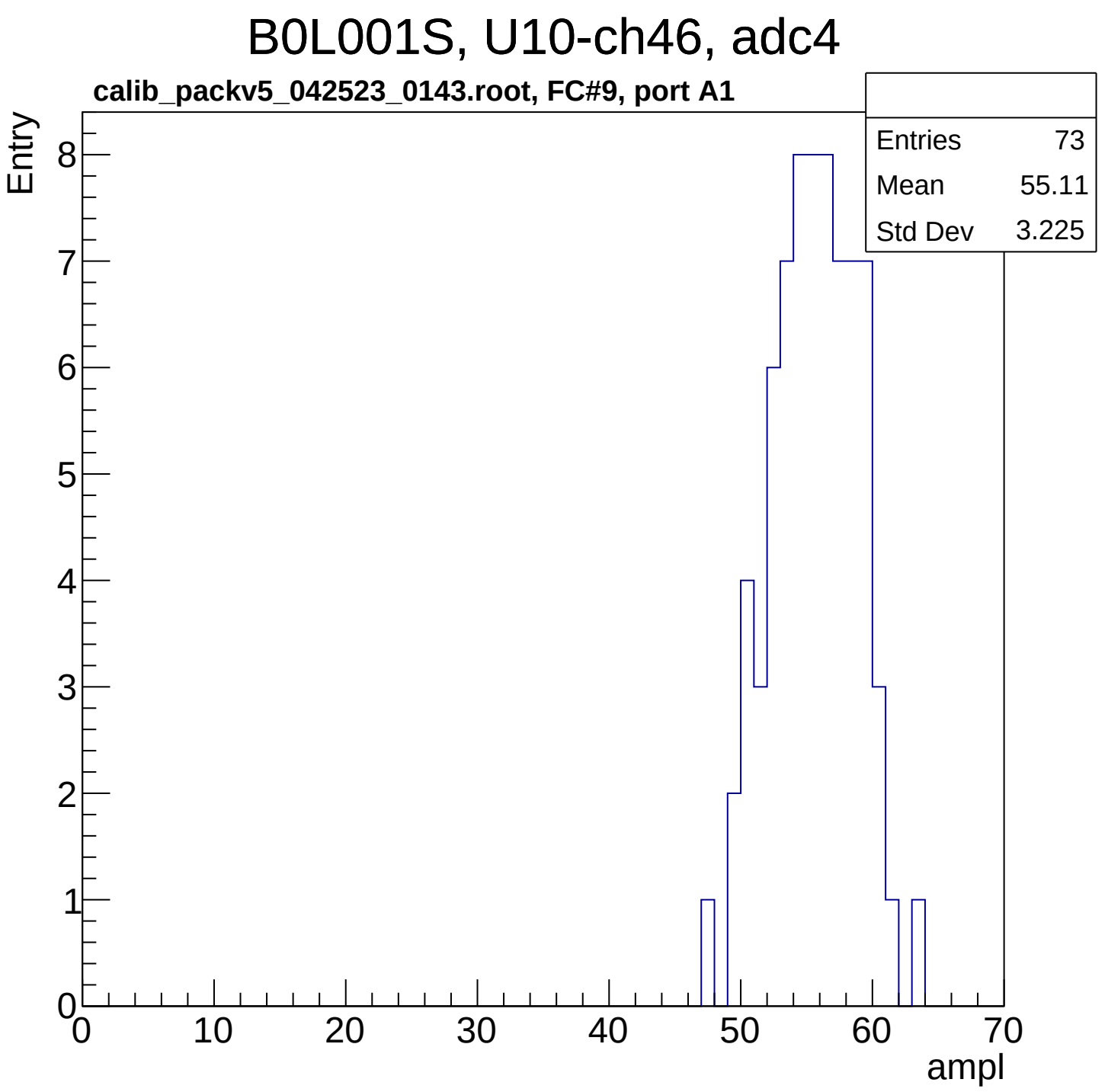
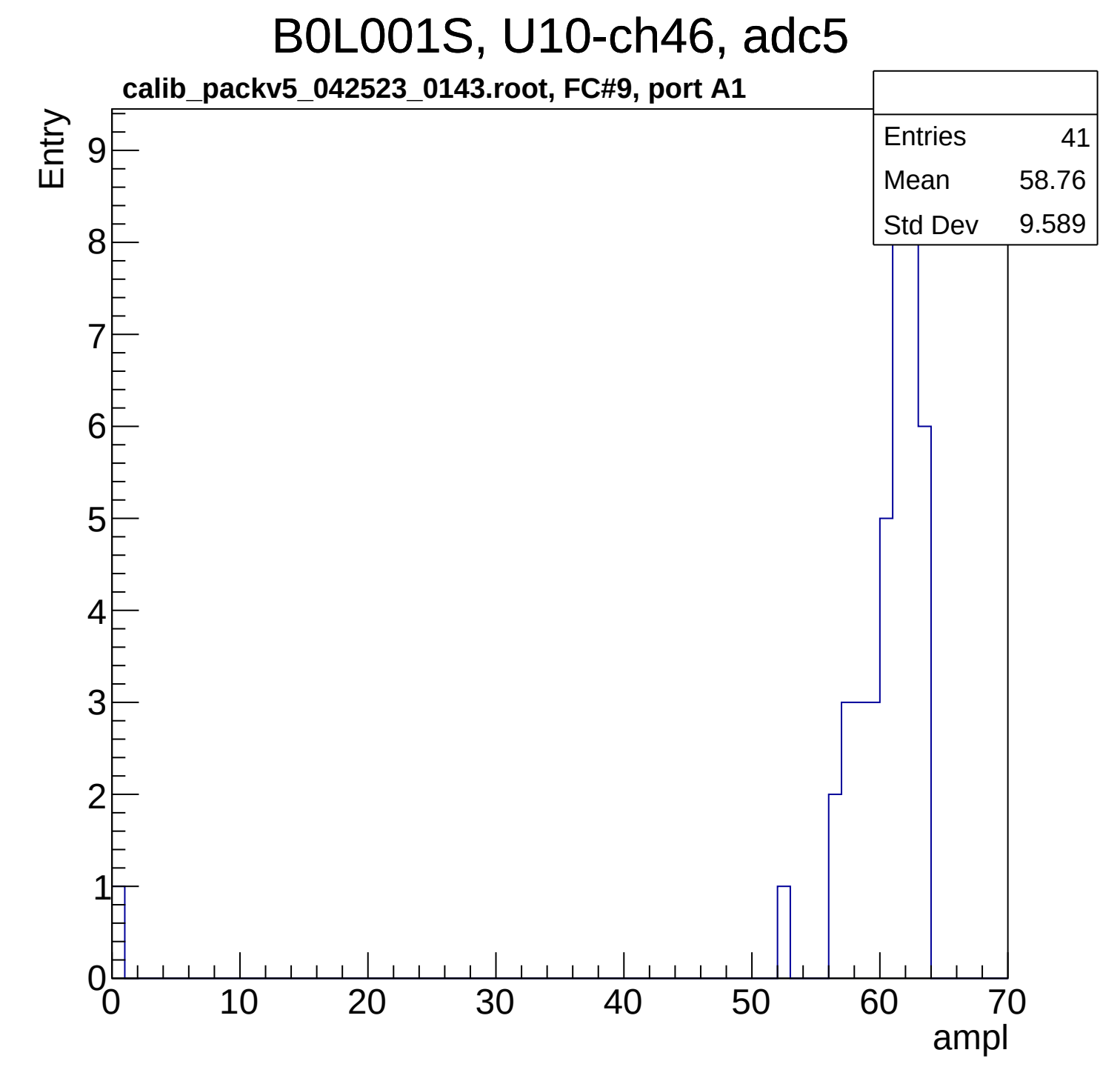

B0L001S, U10-ch46, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 55.11
Std Dev 3.225
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch46, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 58.76
Std Dev 9.589
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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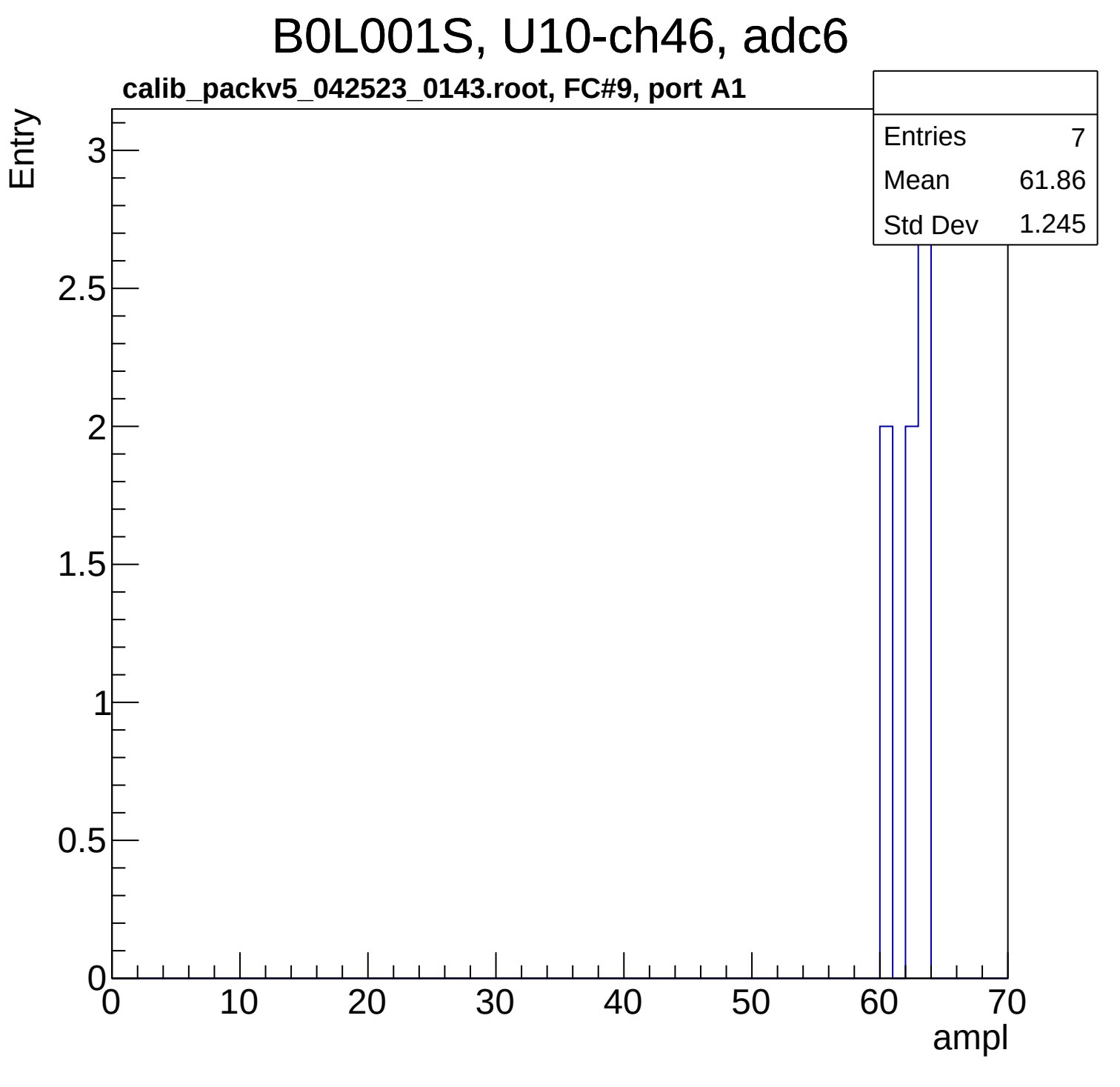
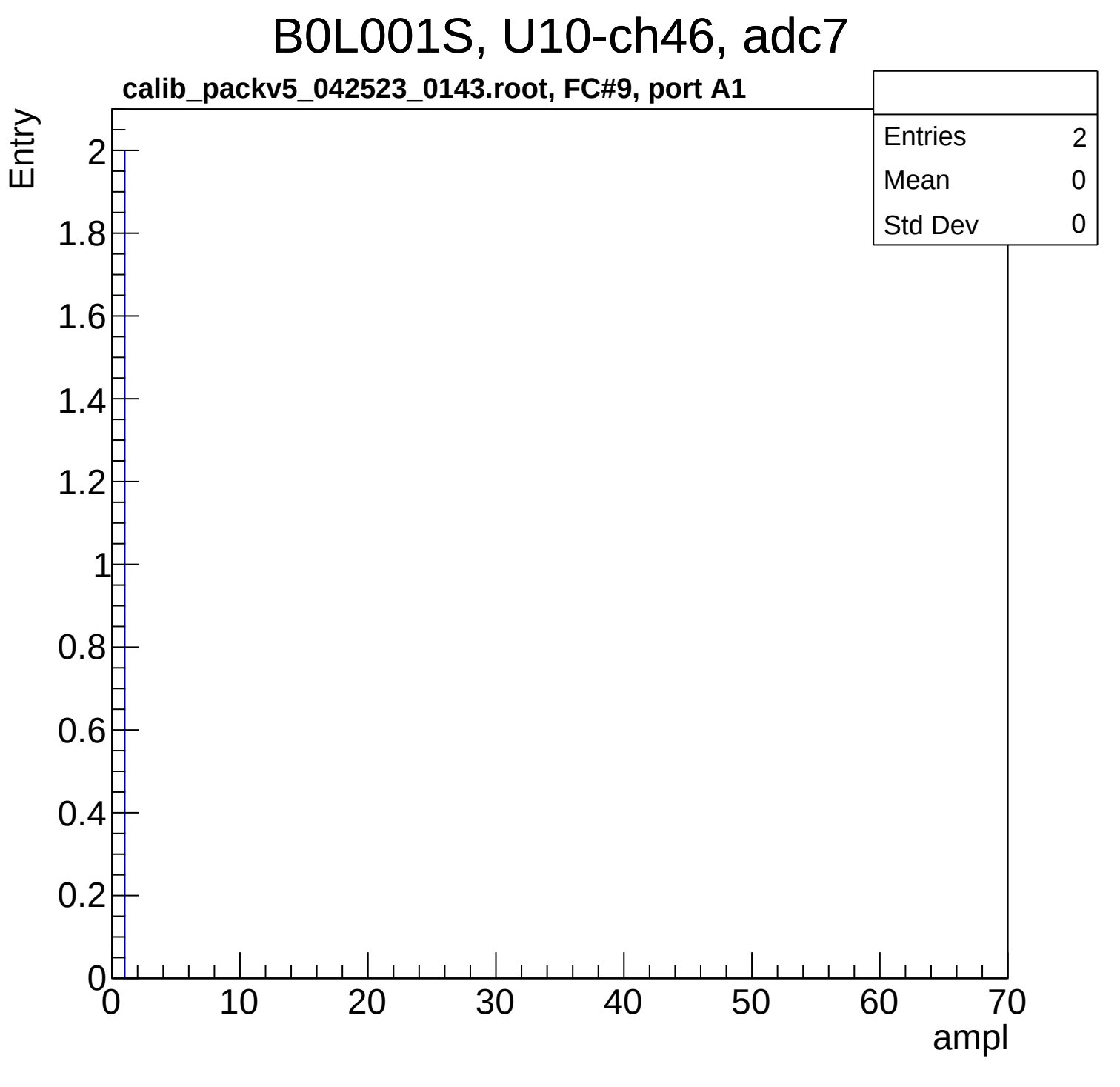
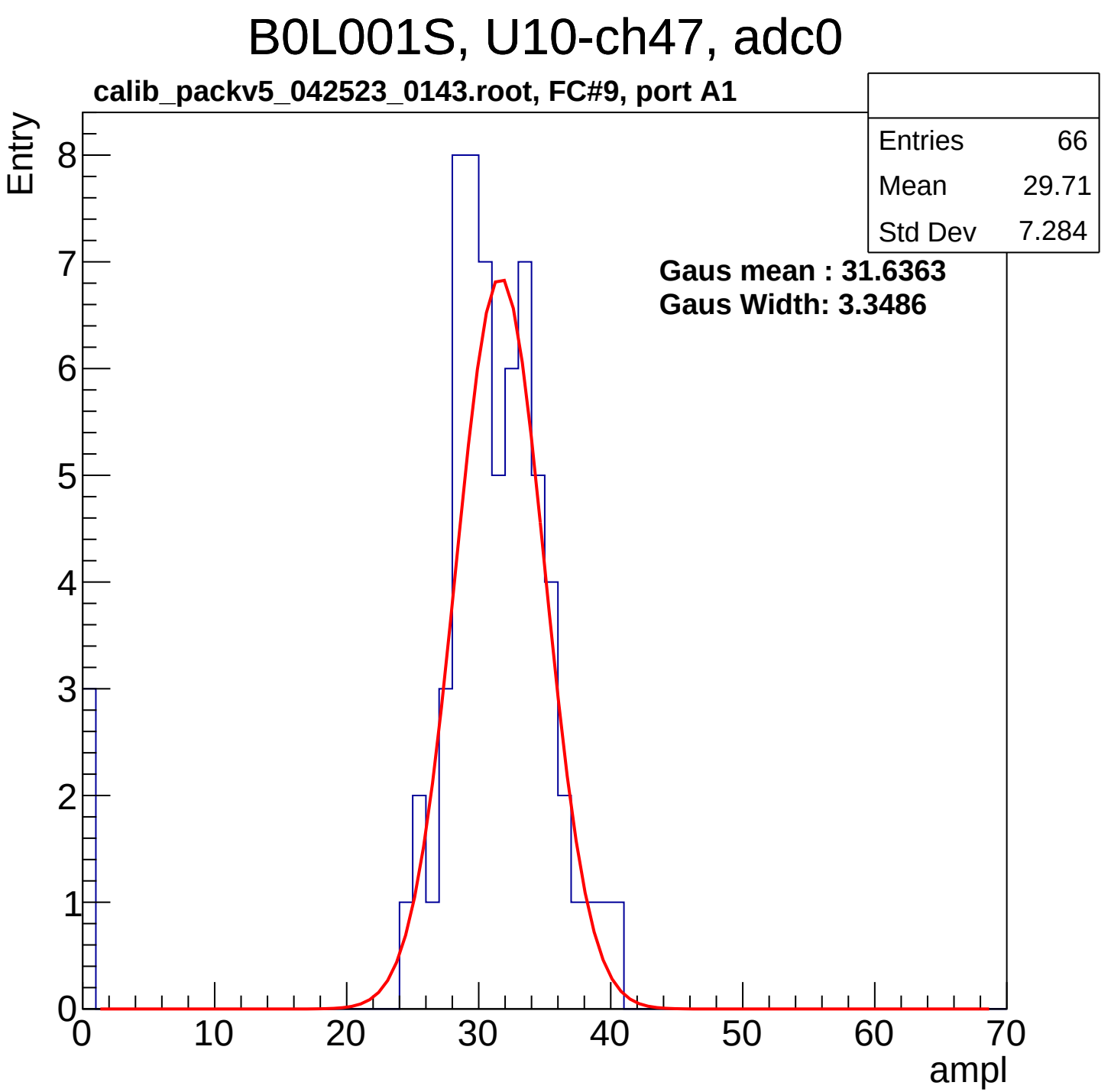

B0L001S, U10-ch46, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 61.86
Std Dev 1.245
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch46, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch47, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 29.71
Std Dev 7.284
Gaus mean : 31.6363
Gaus Width: 3.3486
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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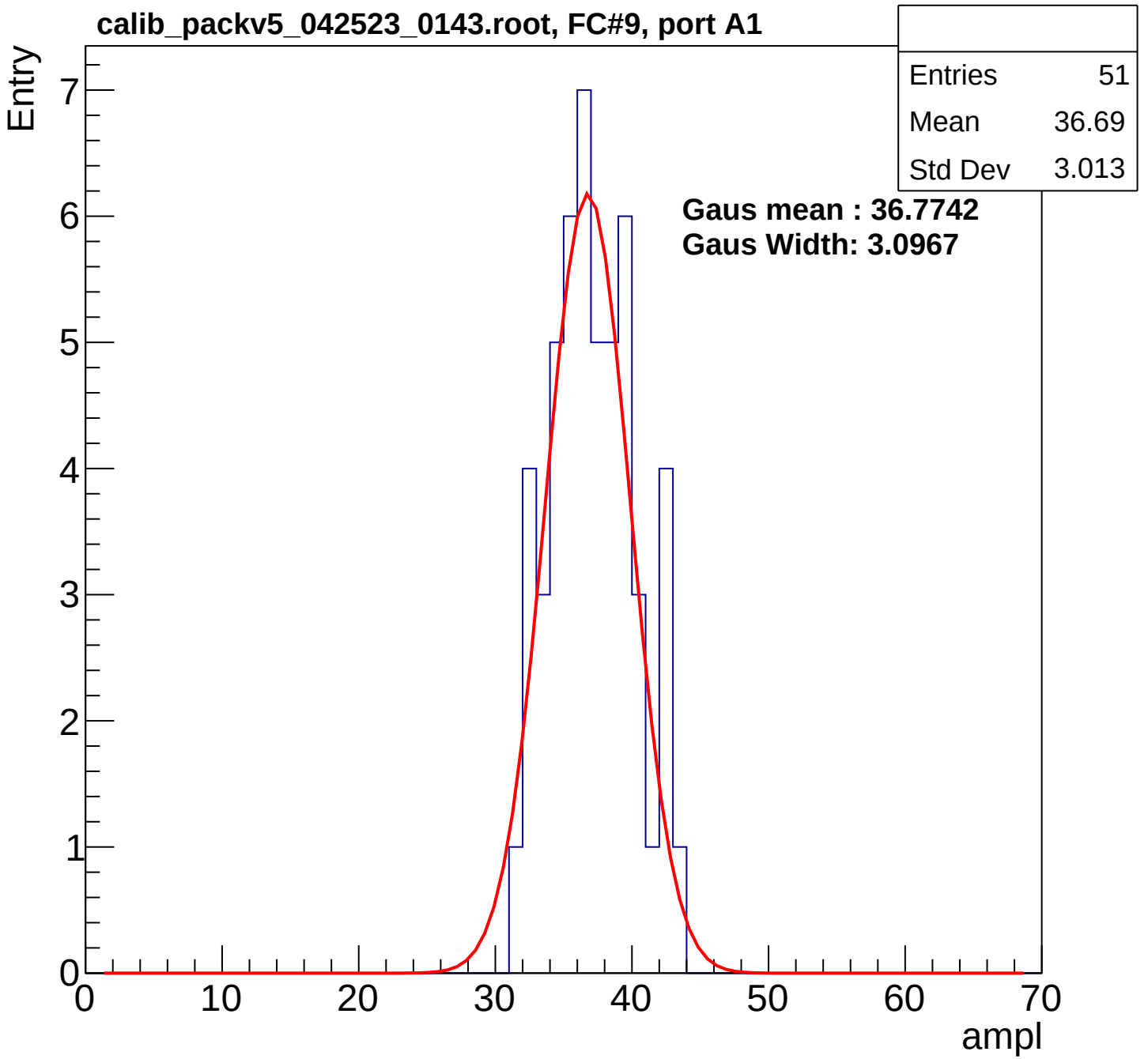
B0L001S, U10-ch47, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 36.69
Std Dev 3.013
Gaus mean : 36.7742
Gaus Width: 3.0967
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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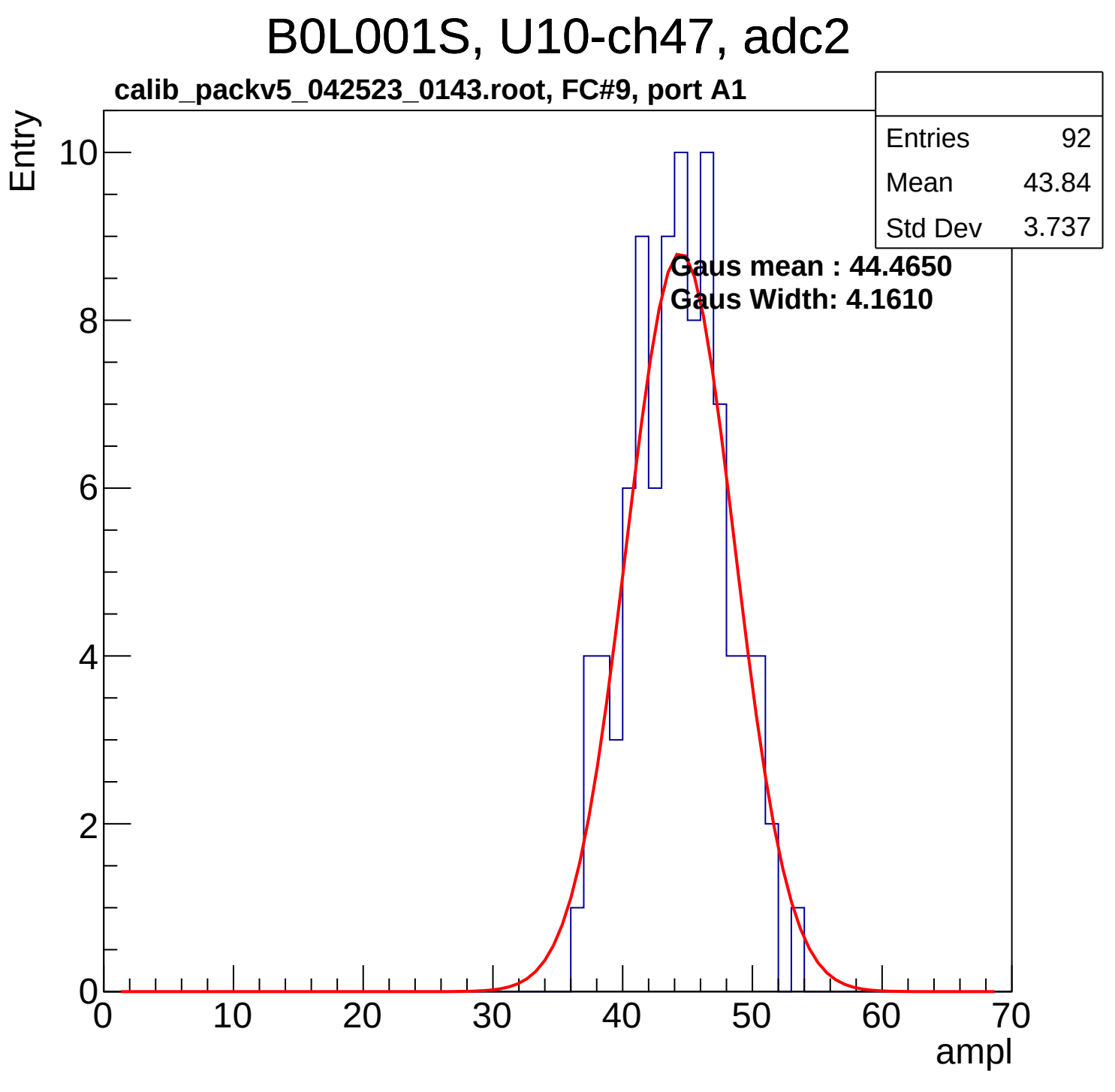
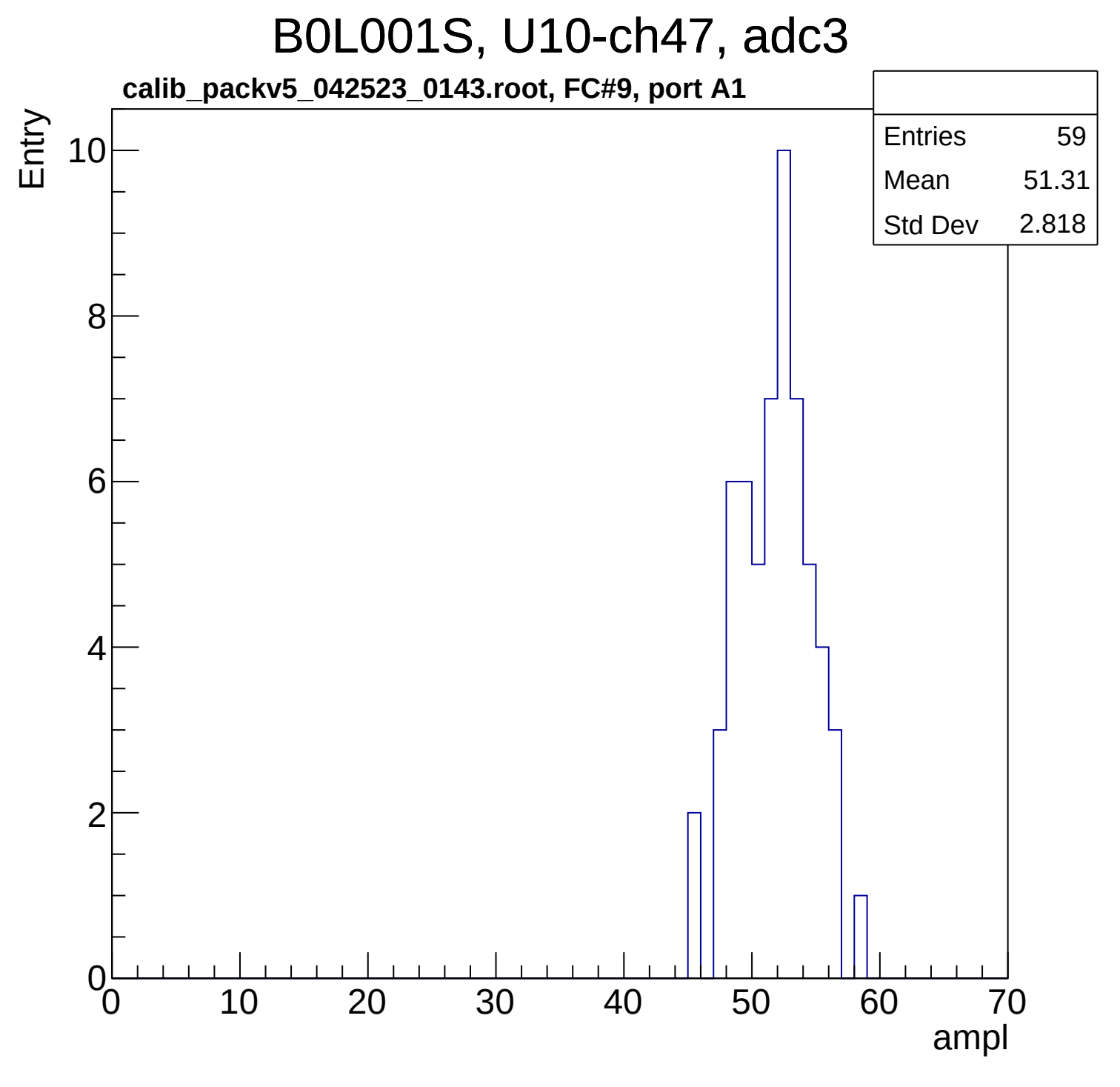
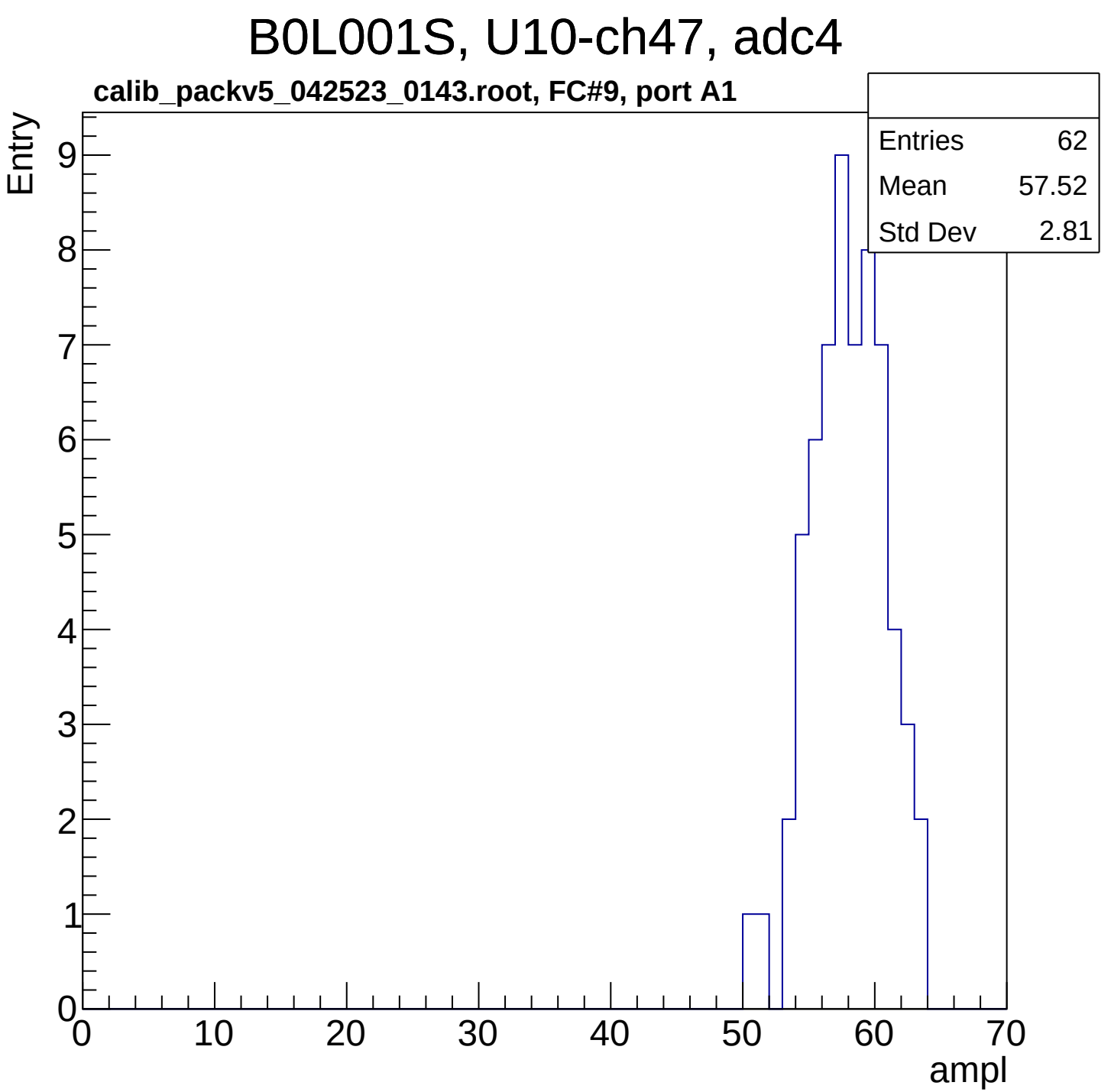
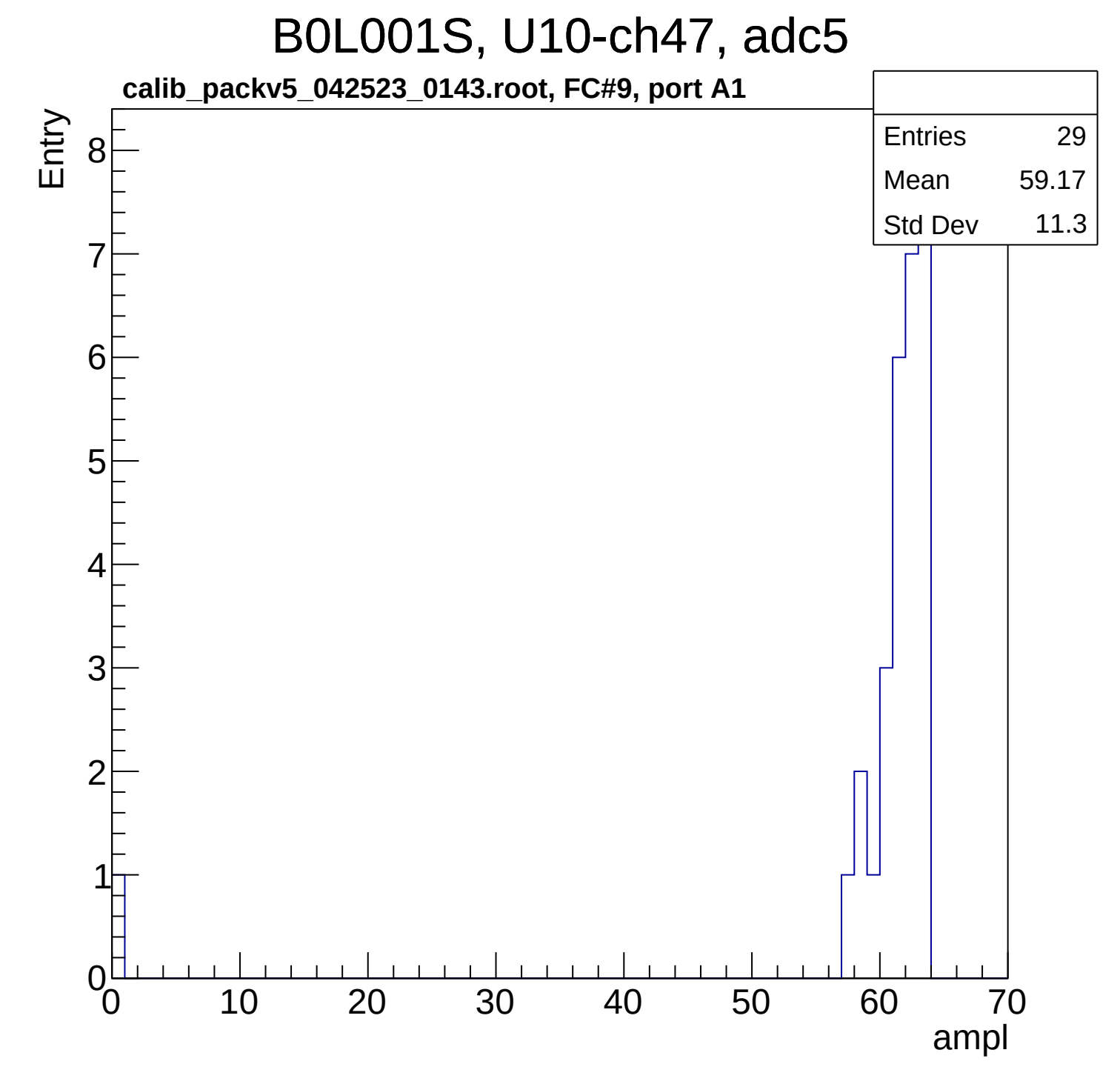
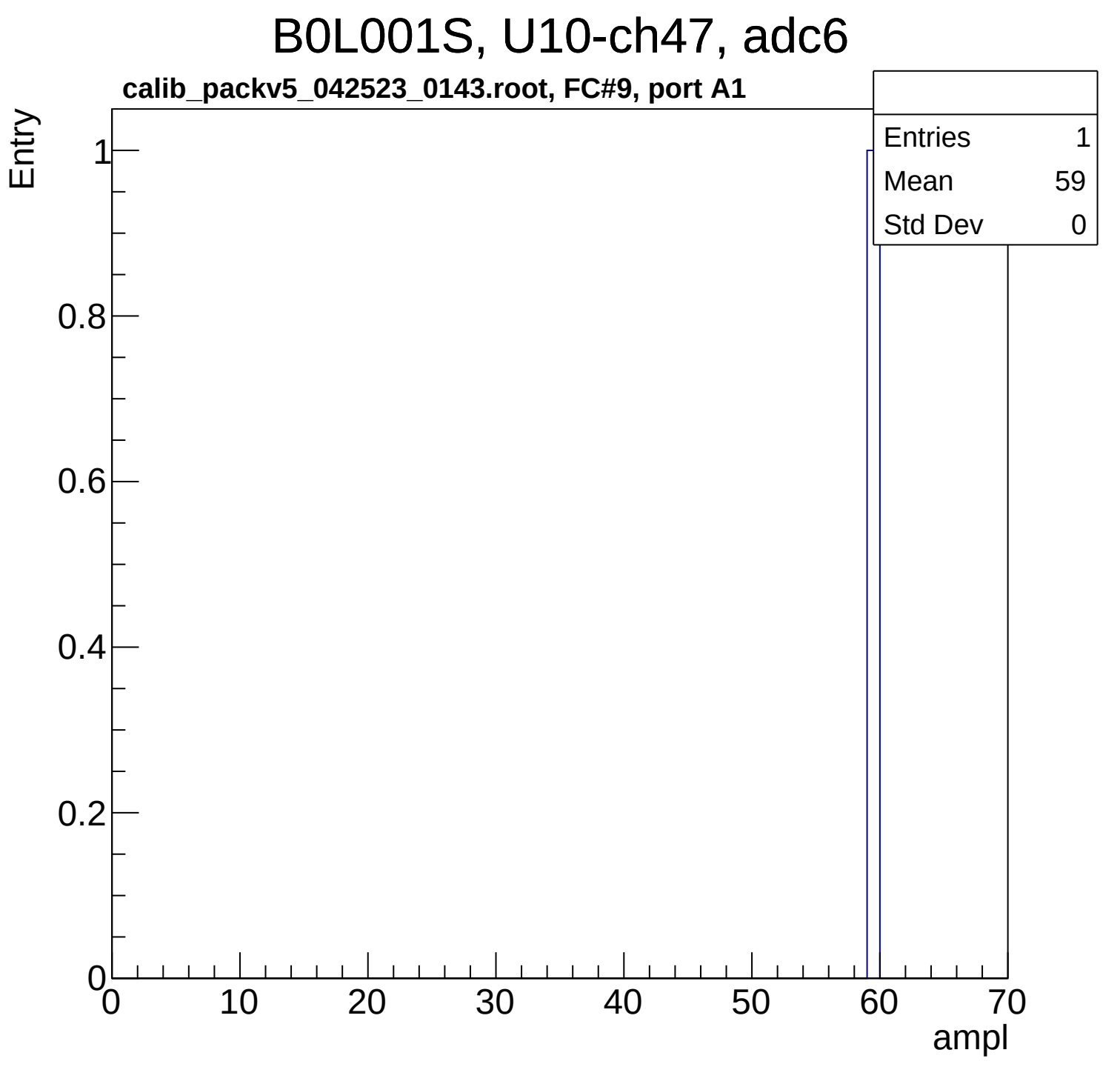
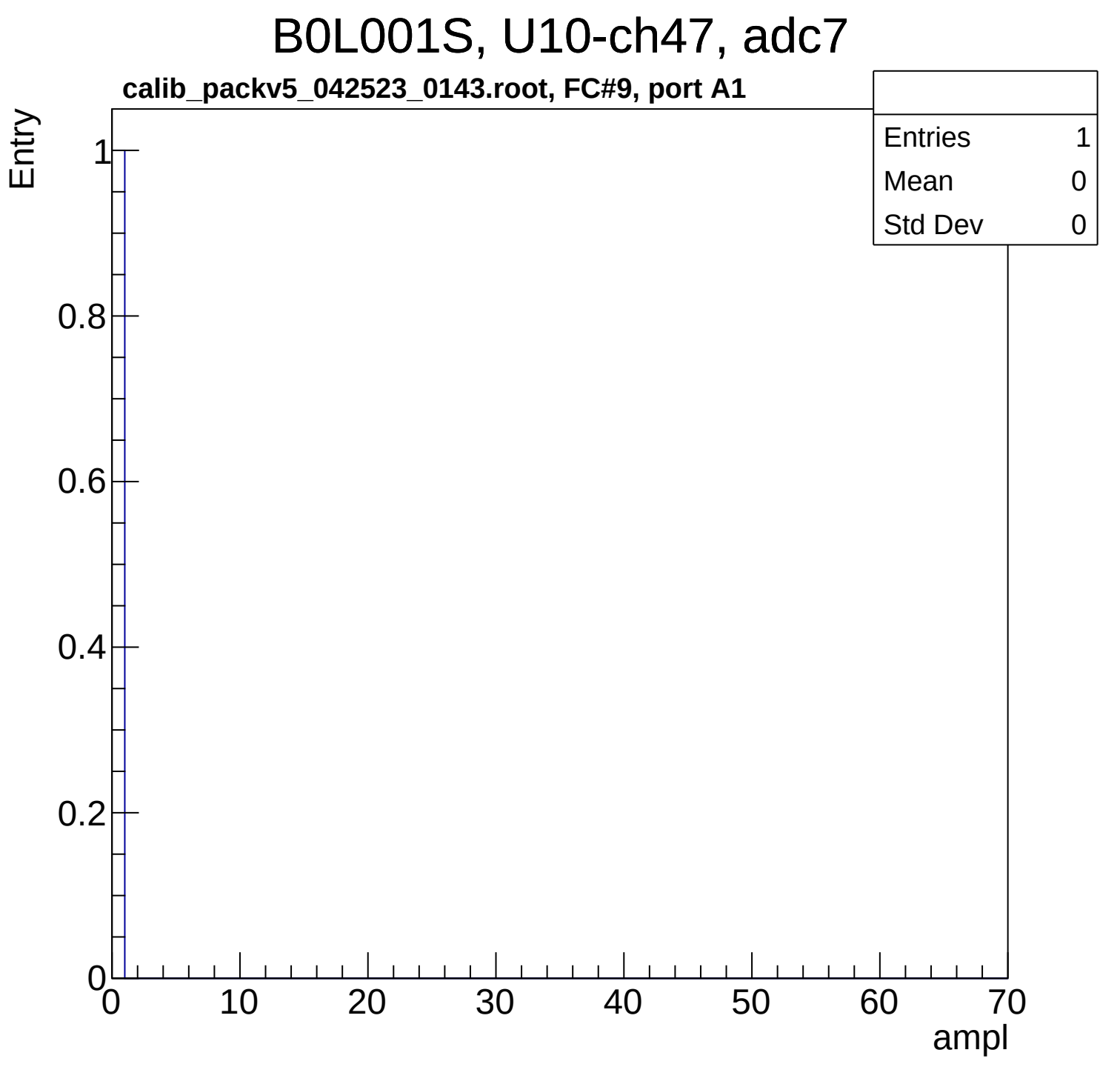

B0L001S, U10-ch47, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 92
Mean 43.84
Std Dev 3.737
Gaus mean : 44.4650
Gaus Width: 4.1610
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

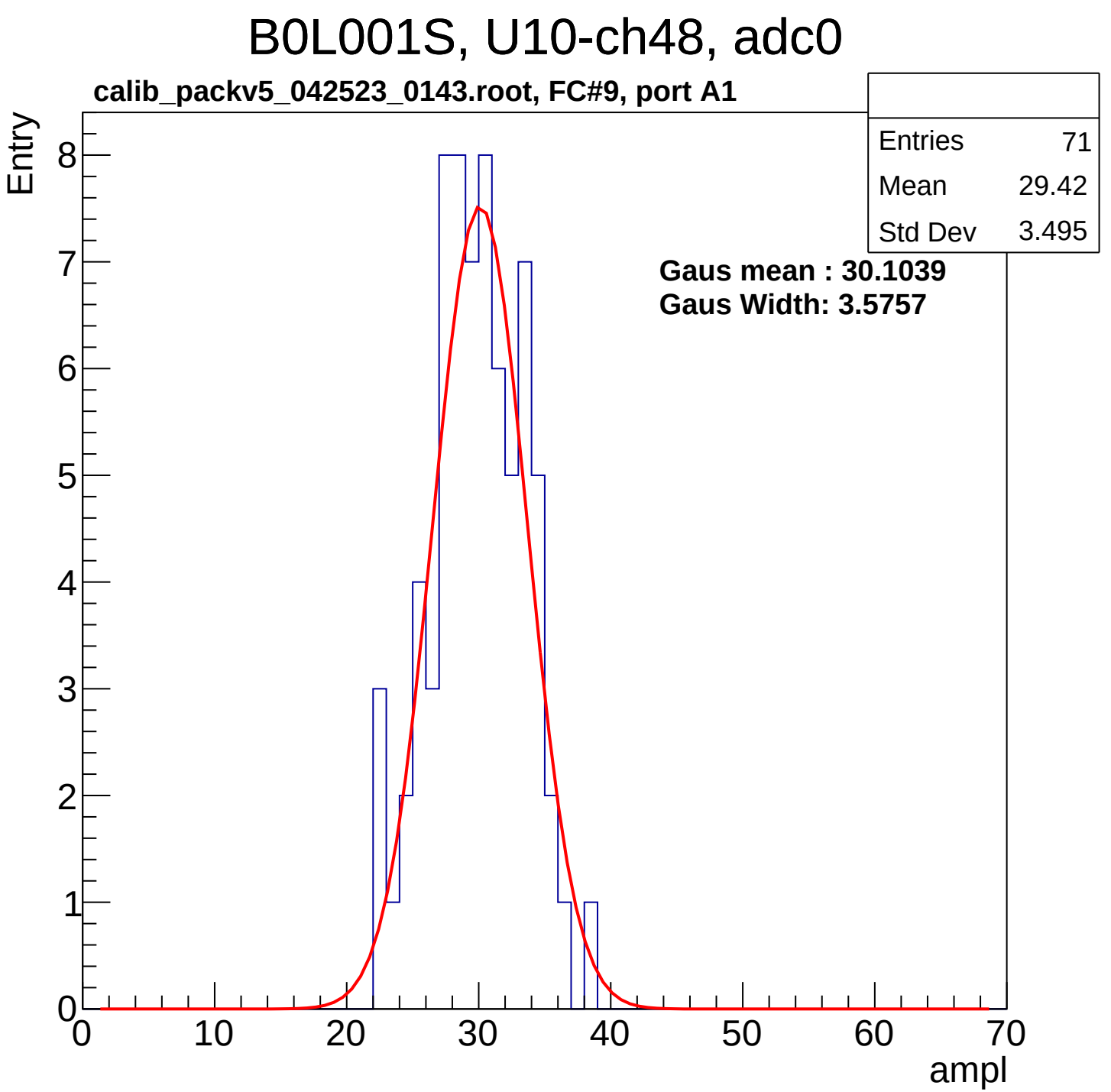

B0L001S, U10-ch47, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 51.31
Std Dev 2.818
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

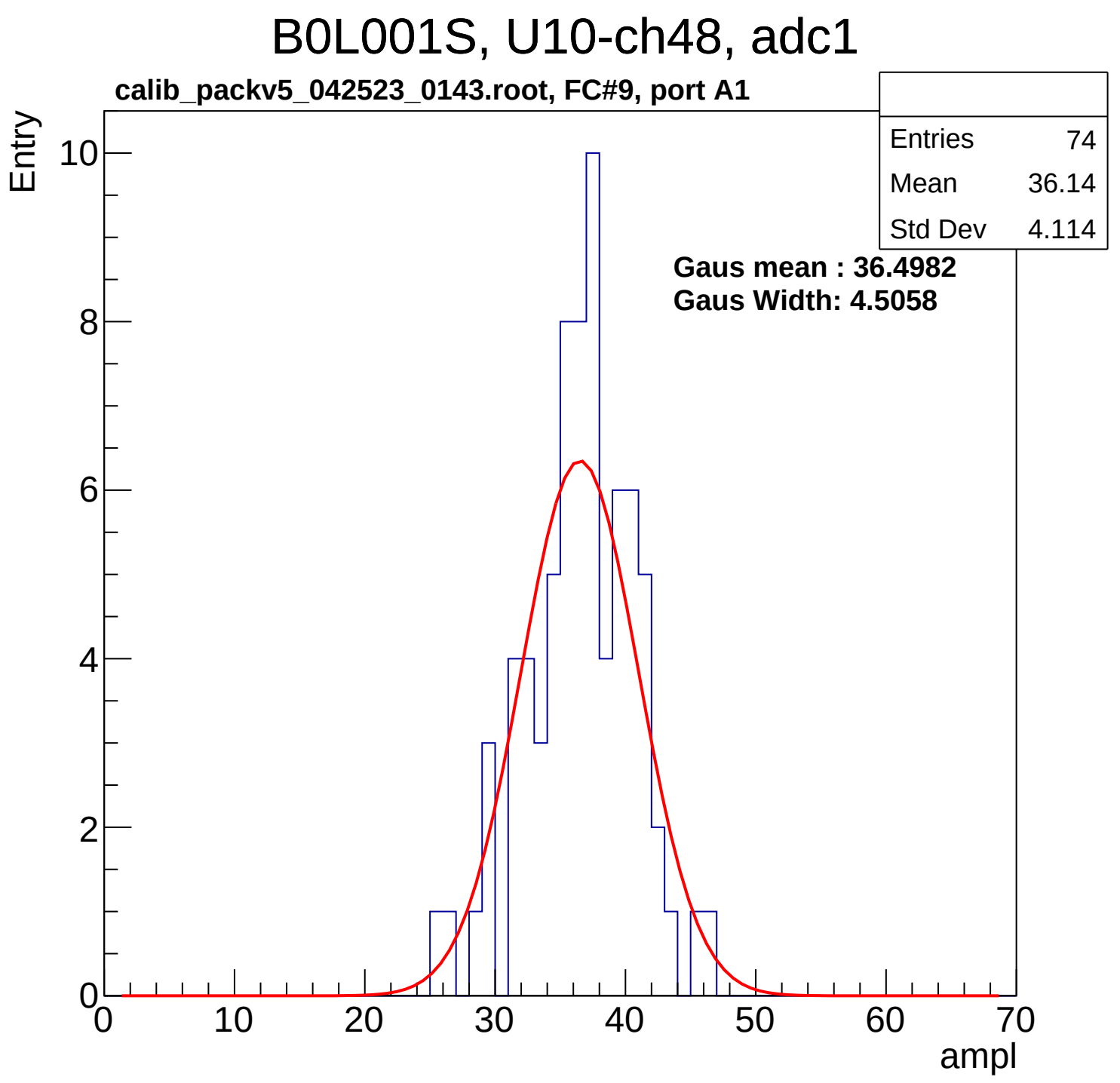

B0L001S, U10-ch47, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.52
Std Dev 2.81
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

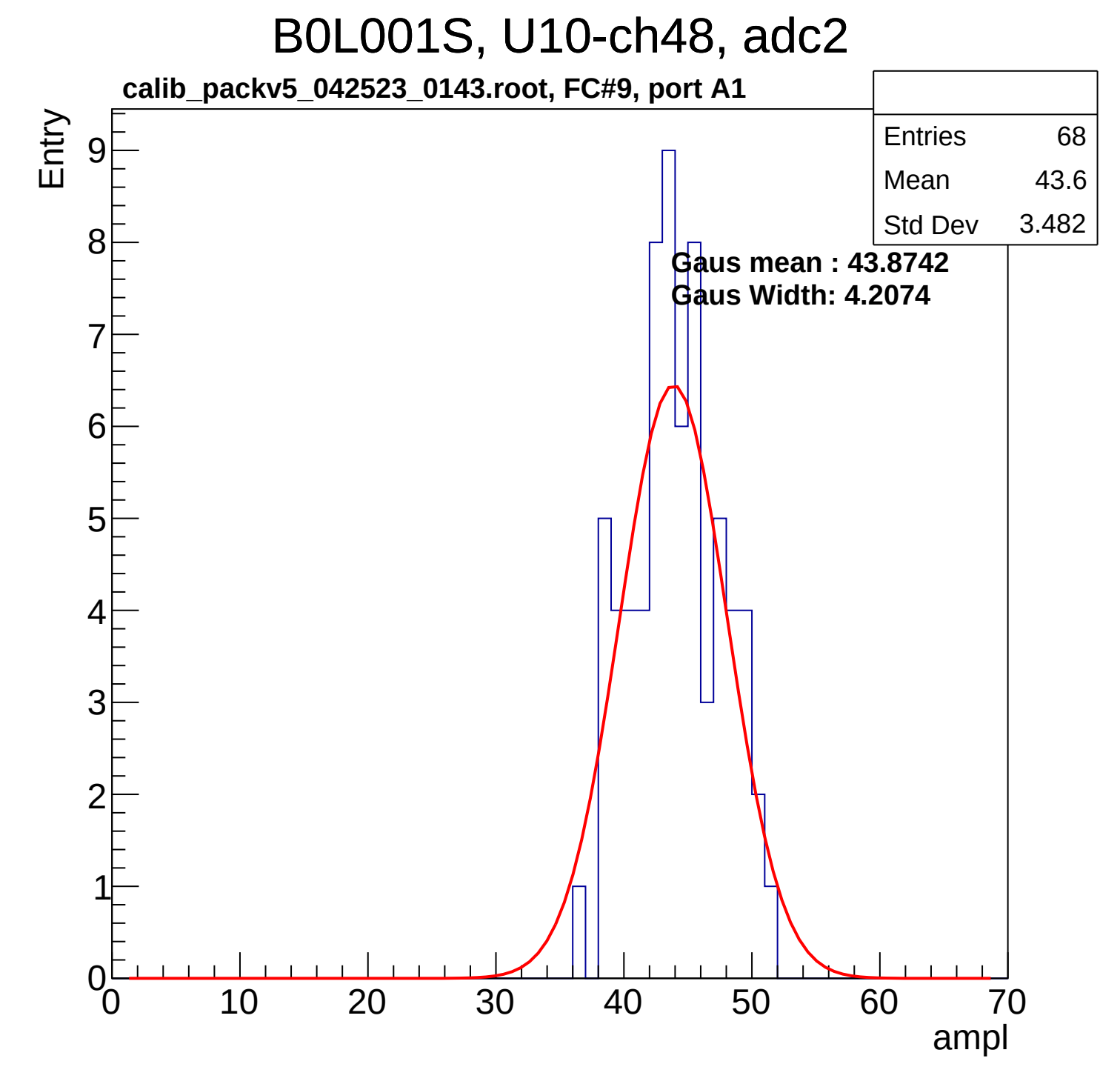

B0L001S, U10-ch47, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 59.17
Std Dev 11.3
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

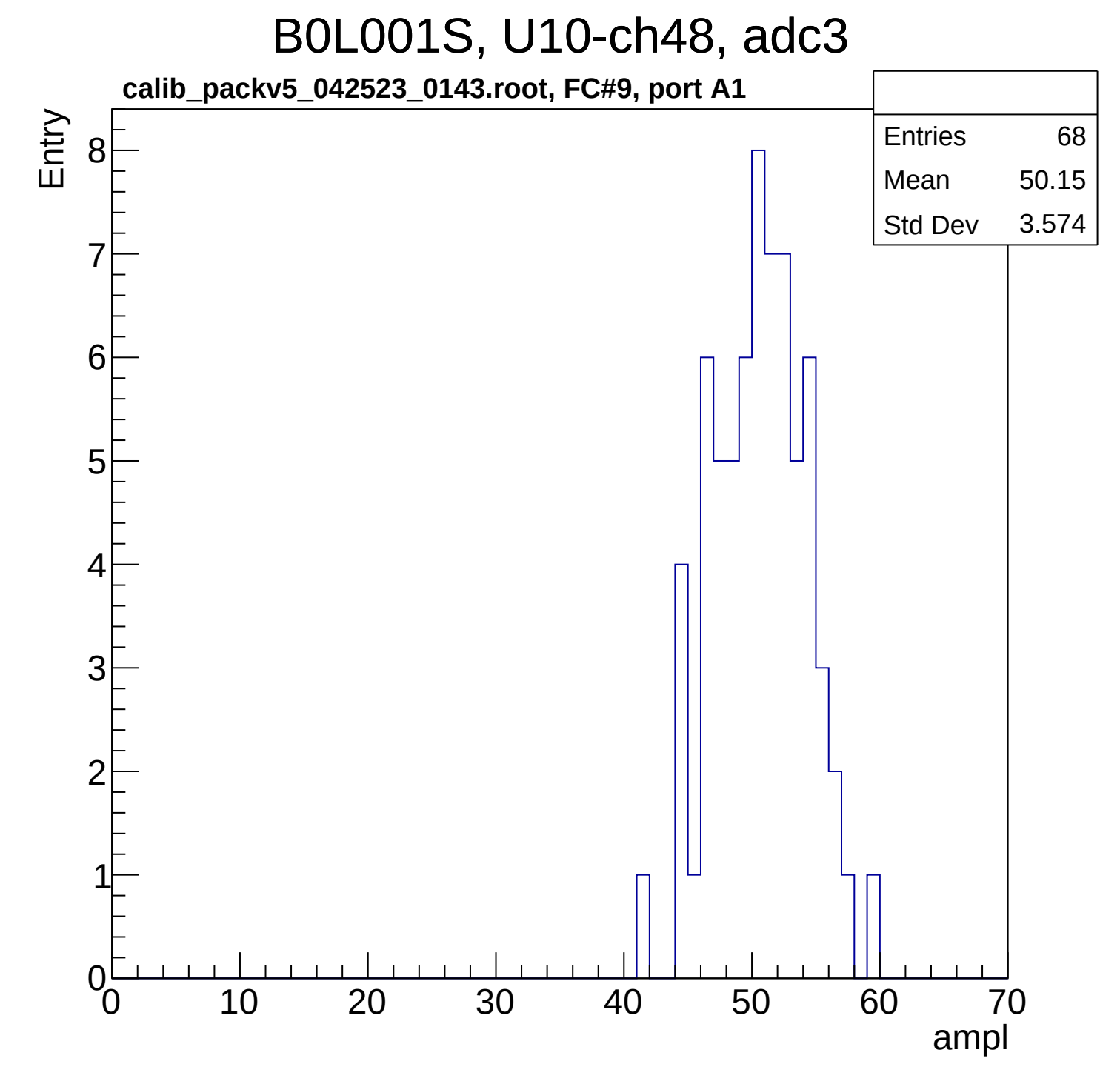

B0L001S, U10-ch47, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 59
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

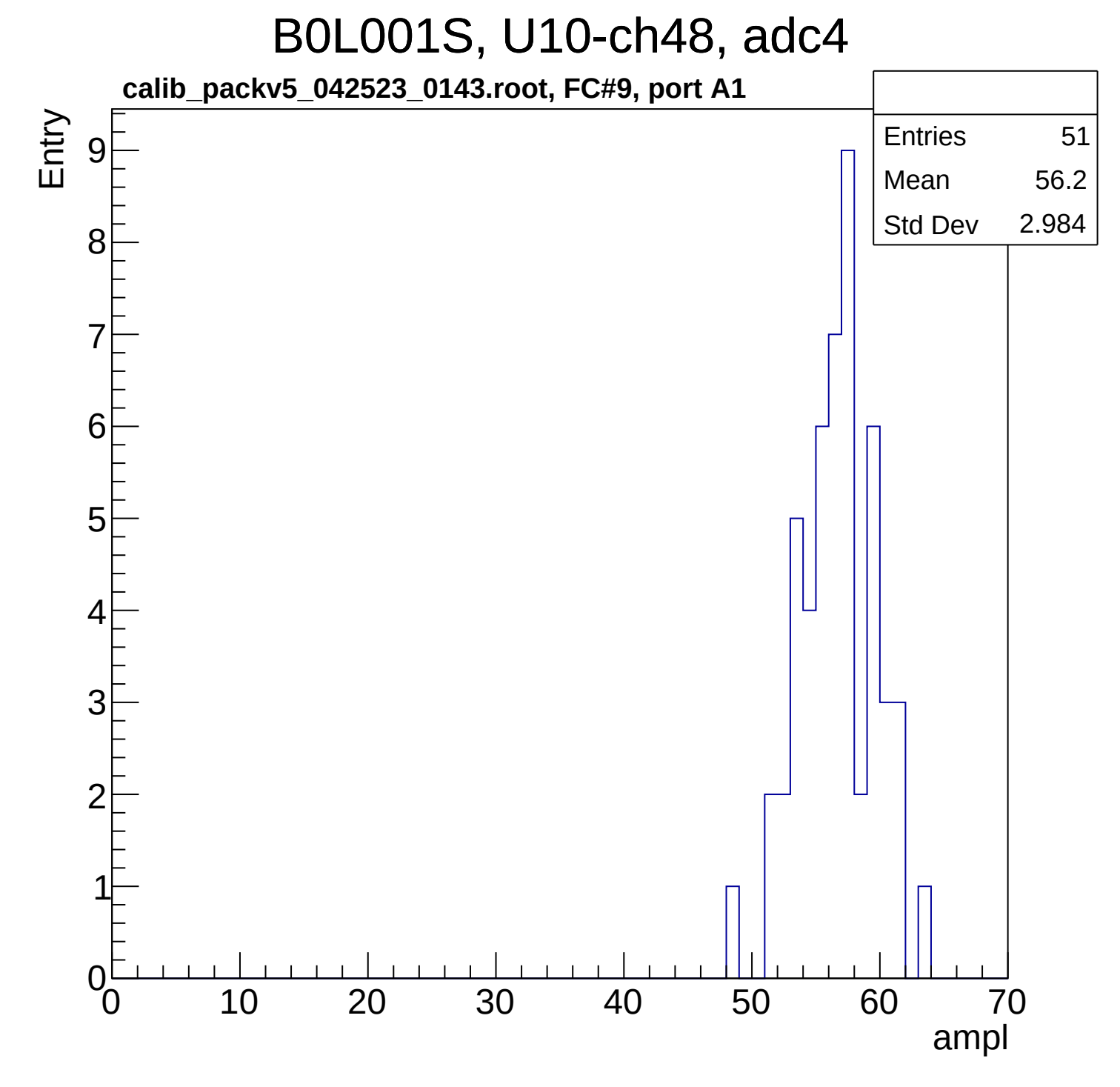

B0L001S, U10-ch47, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

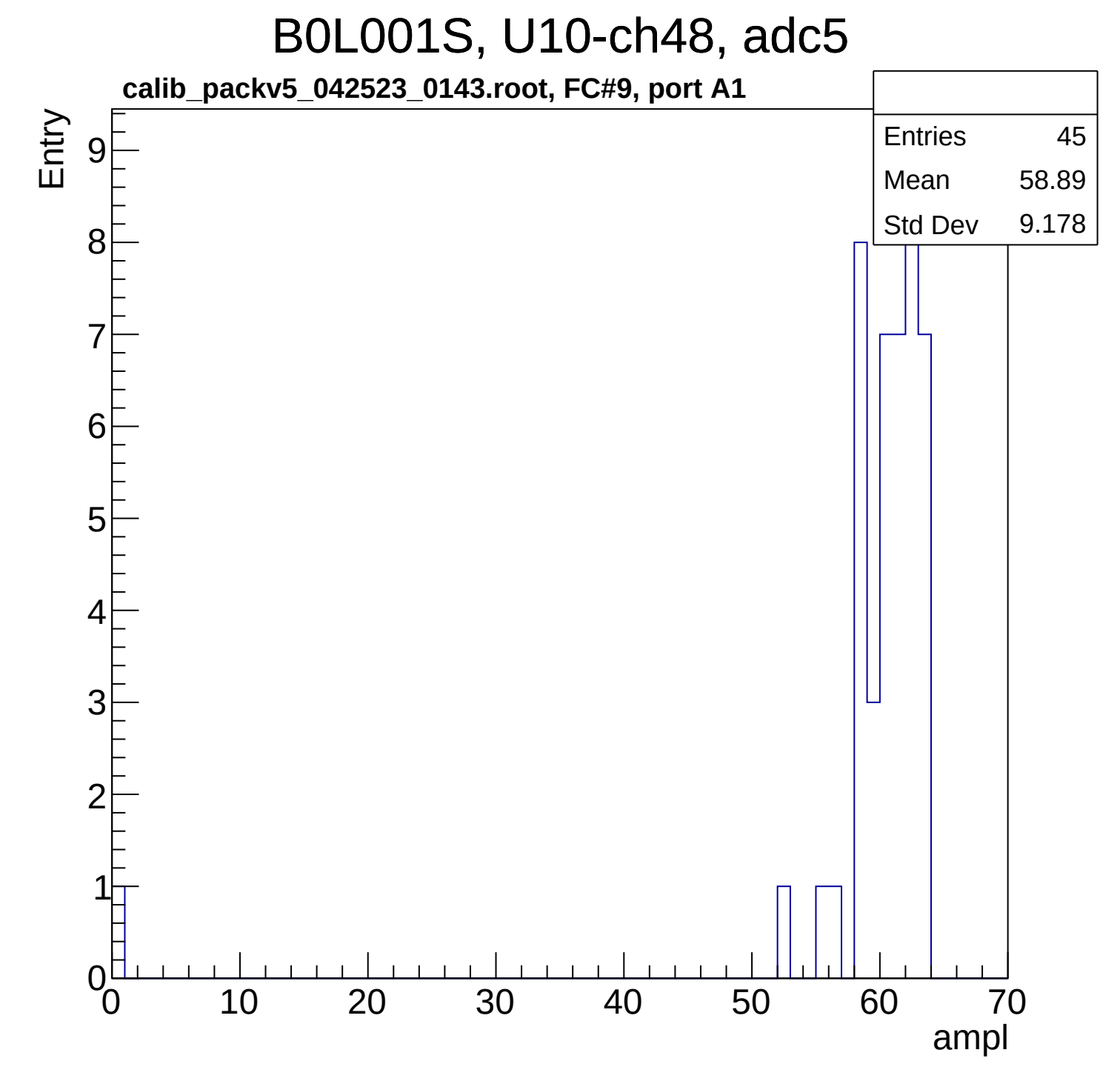

B0L001S, U10-ch48, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 29.42
Std Dev 3.495
Gaus mean : 30.1039
Gaus Width: 3.5757
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch48, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 36.14
Std Dev 4.114
Gaus mean : 36.4982
Gaus Width: 4.5058
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch48, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 43.6
Std Dev 3.482
Gaus mean : 43.8742
Gaus Width: 4.2074
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch48, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 50.15
Std Dev 3.574
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch48, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 56.2
Std Dev 2.984
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch48, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 58.89
Std Dev 9.178
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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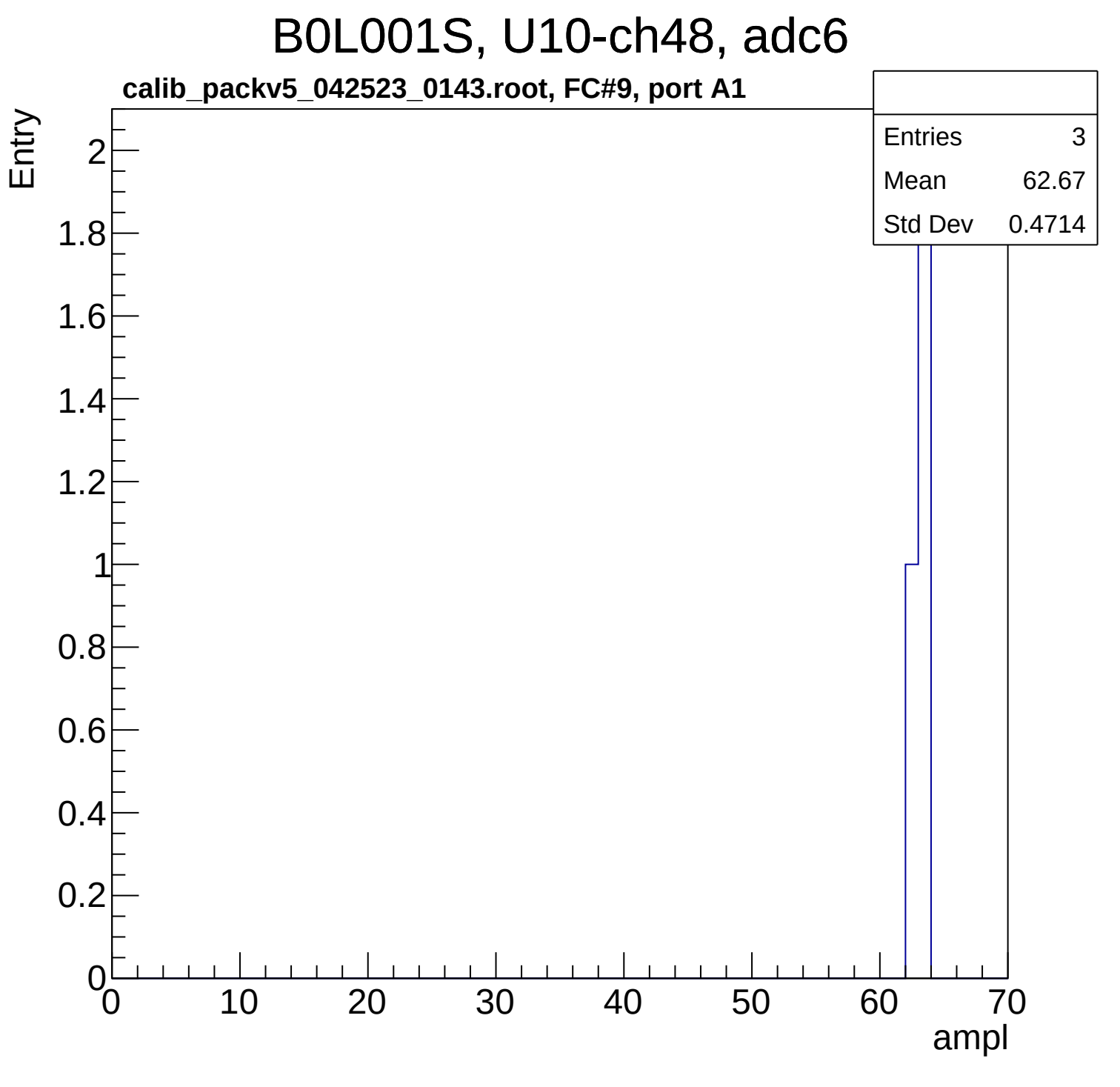
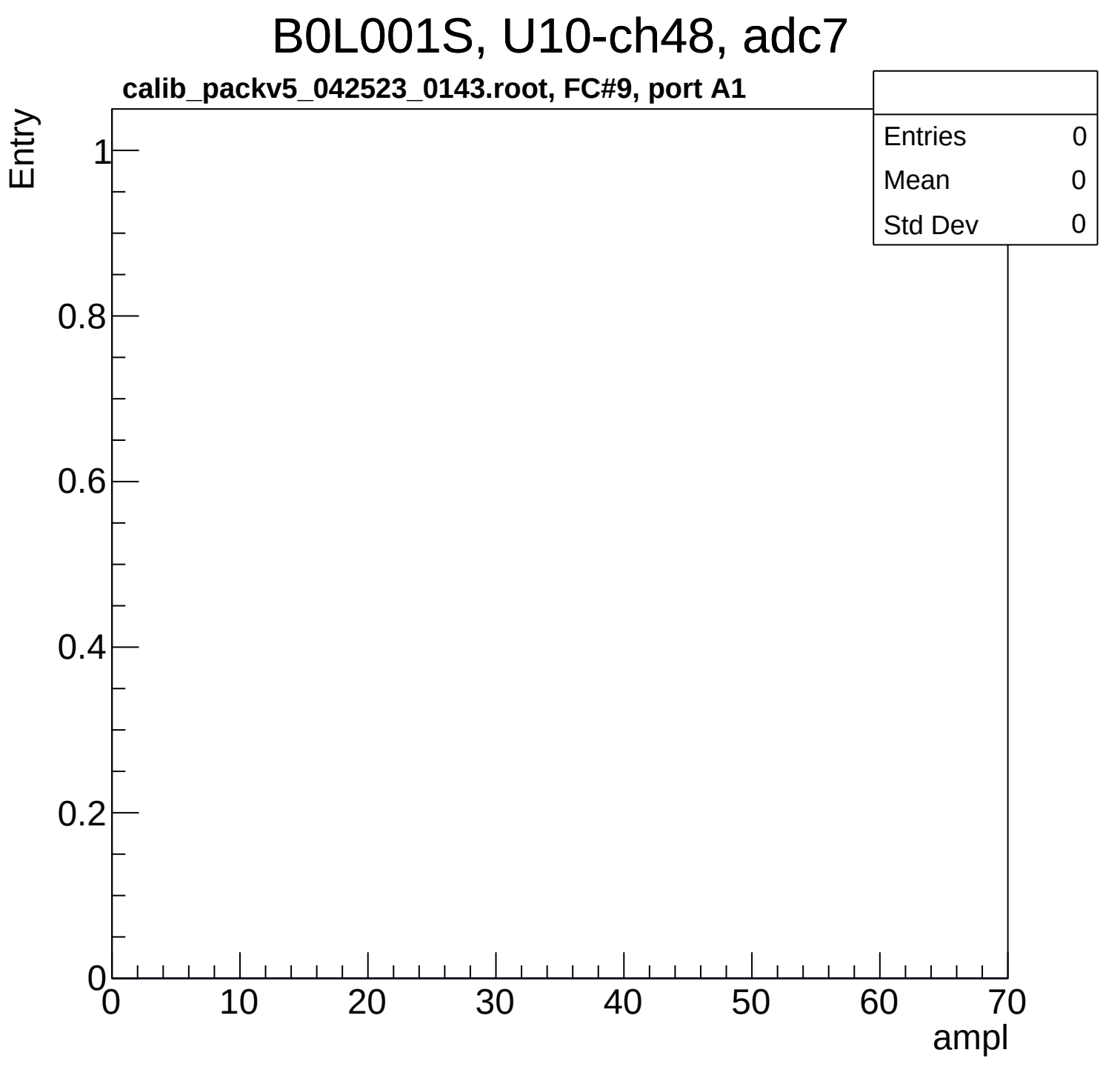

B0L001S, U10-ch48, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U10-ch48, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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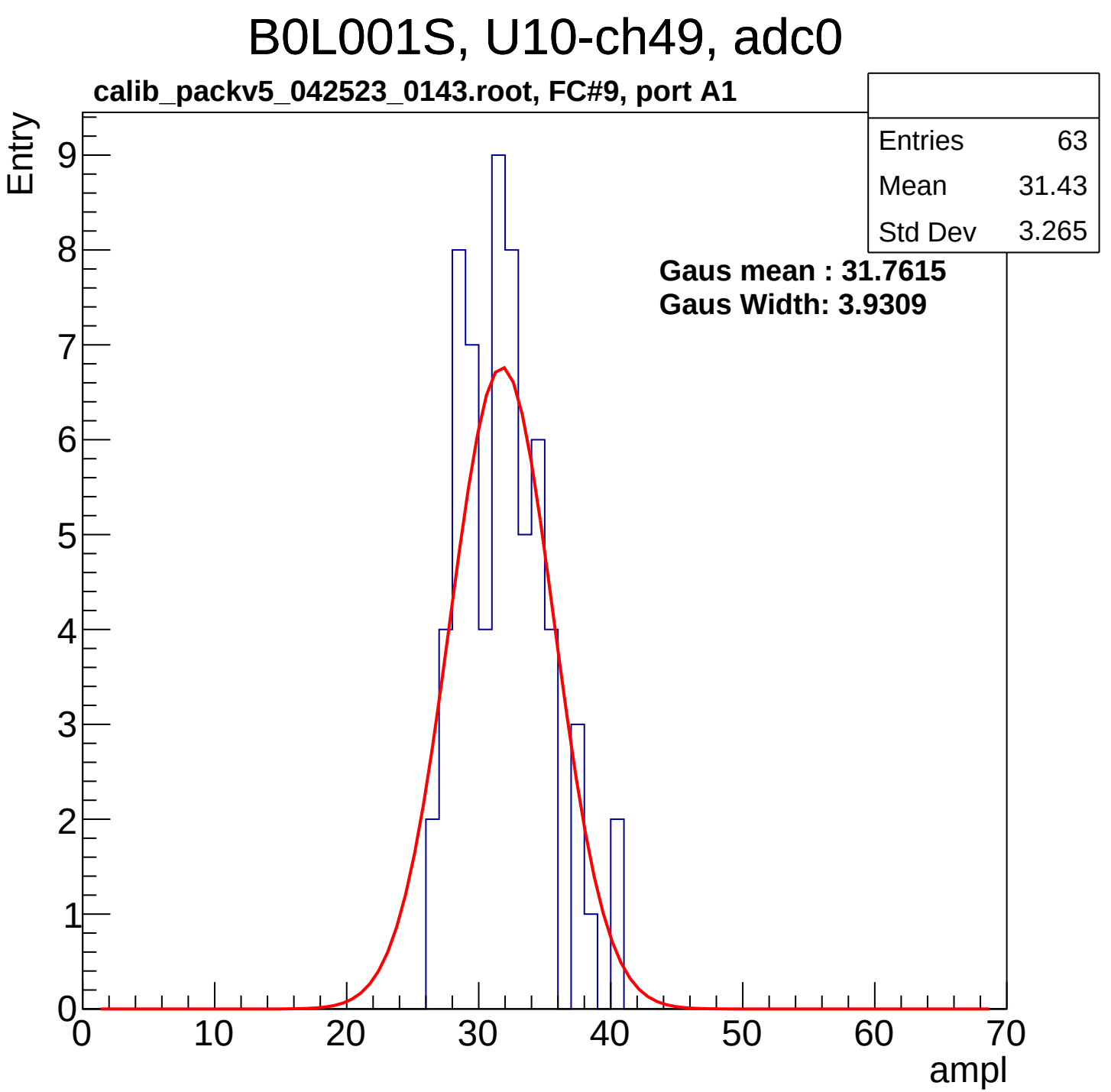
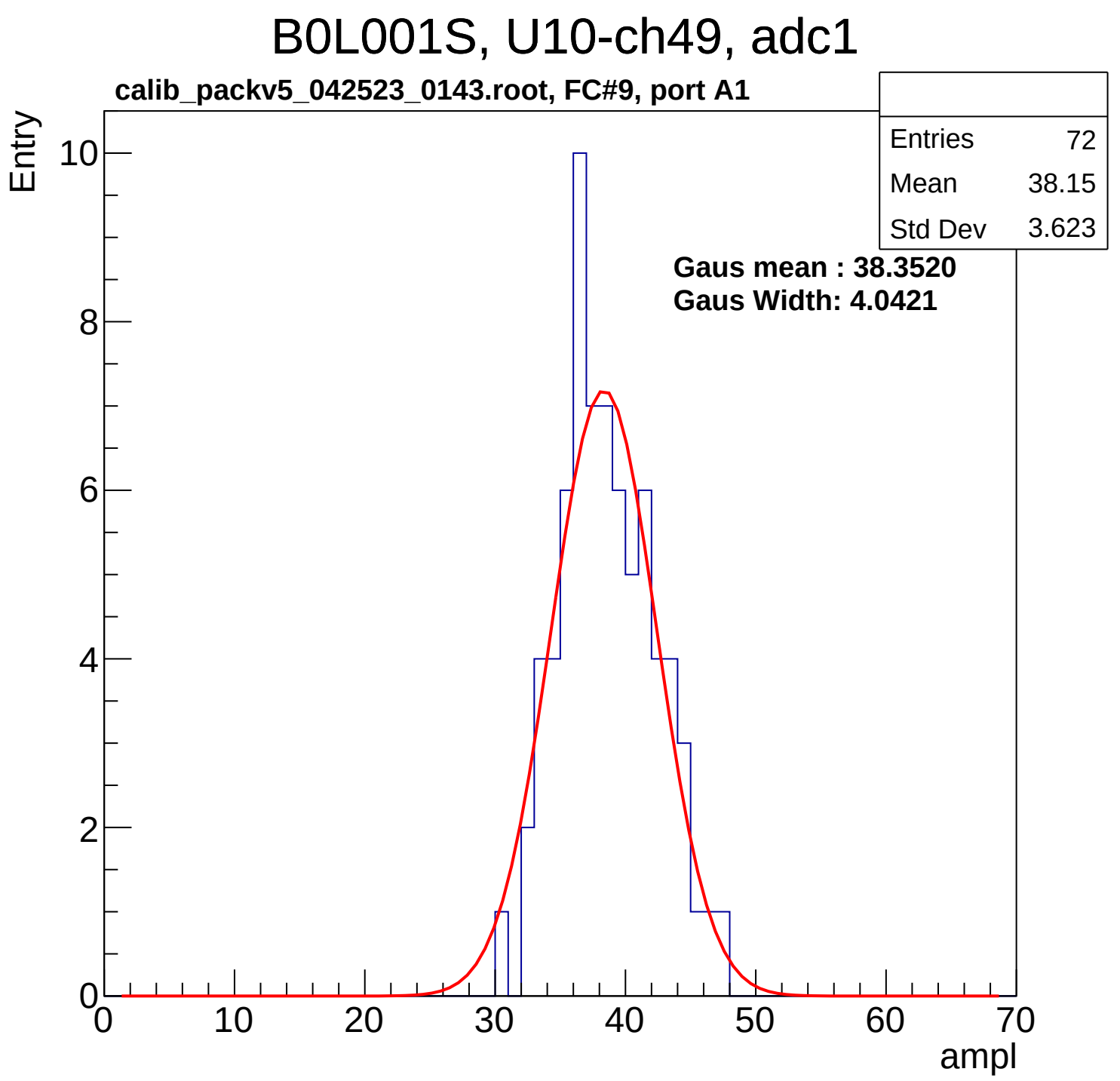
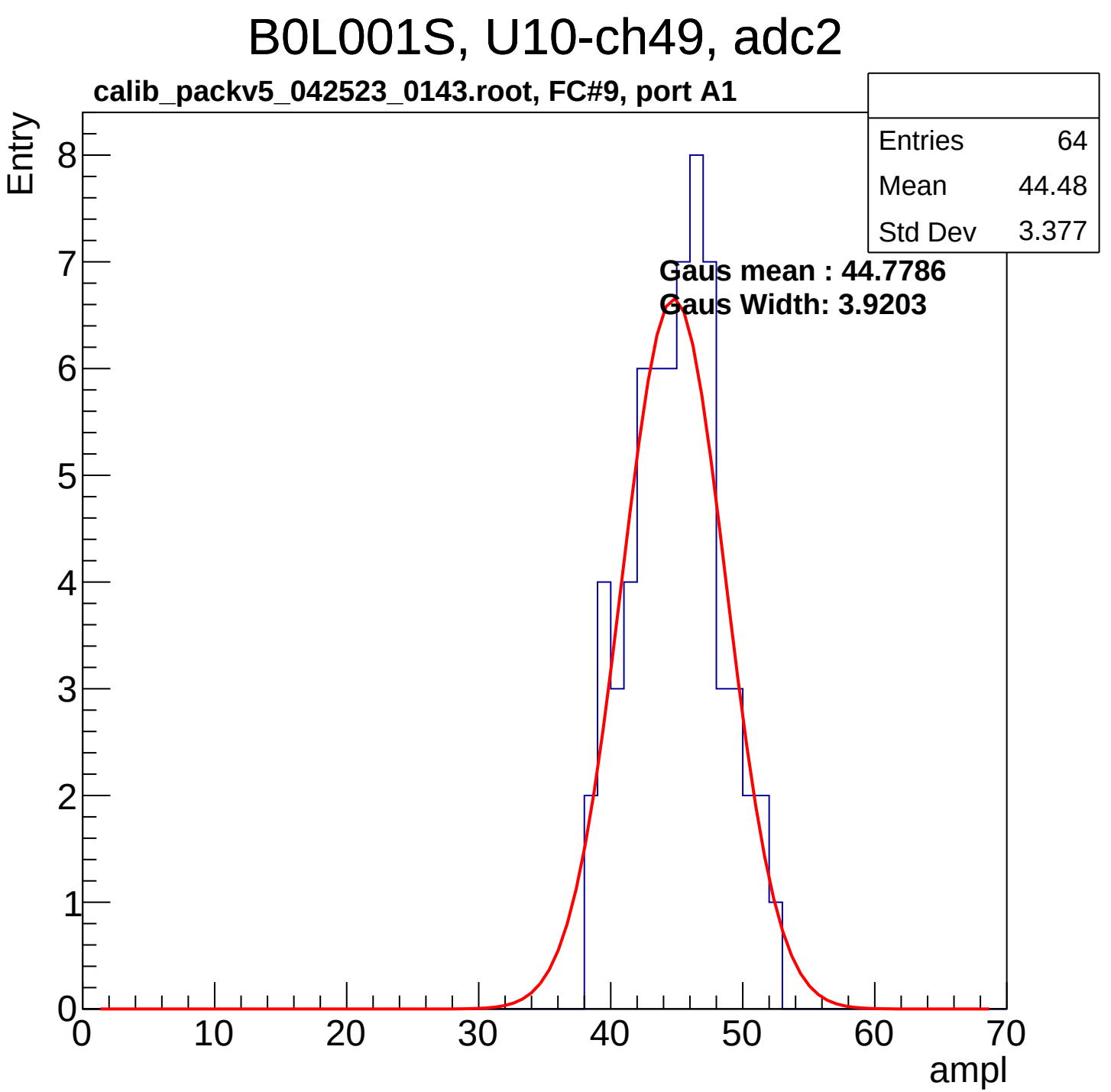
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch49, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 31.43
Std Dev 3.265
Gaus mean : 31.7615
Gaus Width: 3.9309
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch49, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 38.15
Std Dev 3.623
Gaus mean : 38.3520
Gaus Width: 4.0421
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch49, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 44.48
Std Dev 3.377
Gaus mean : 44.7786
Gaus Width: 3.9203
Entry
ampl
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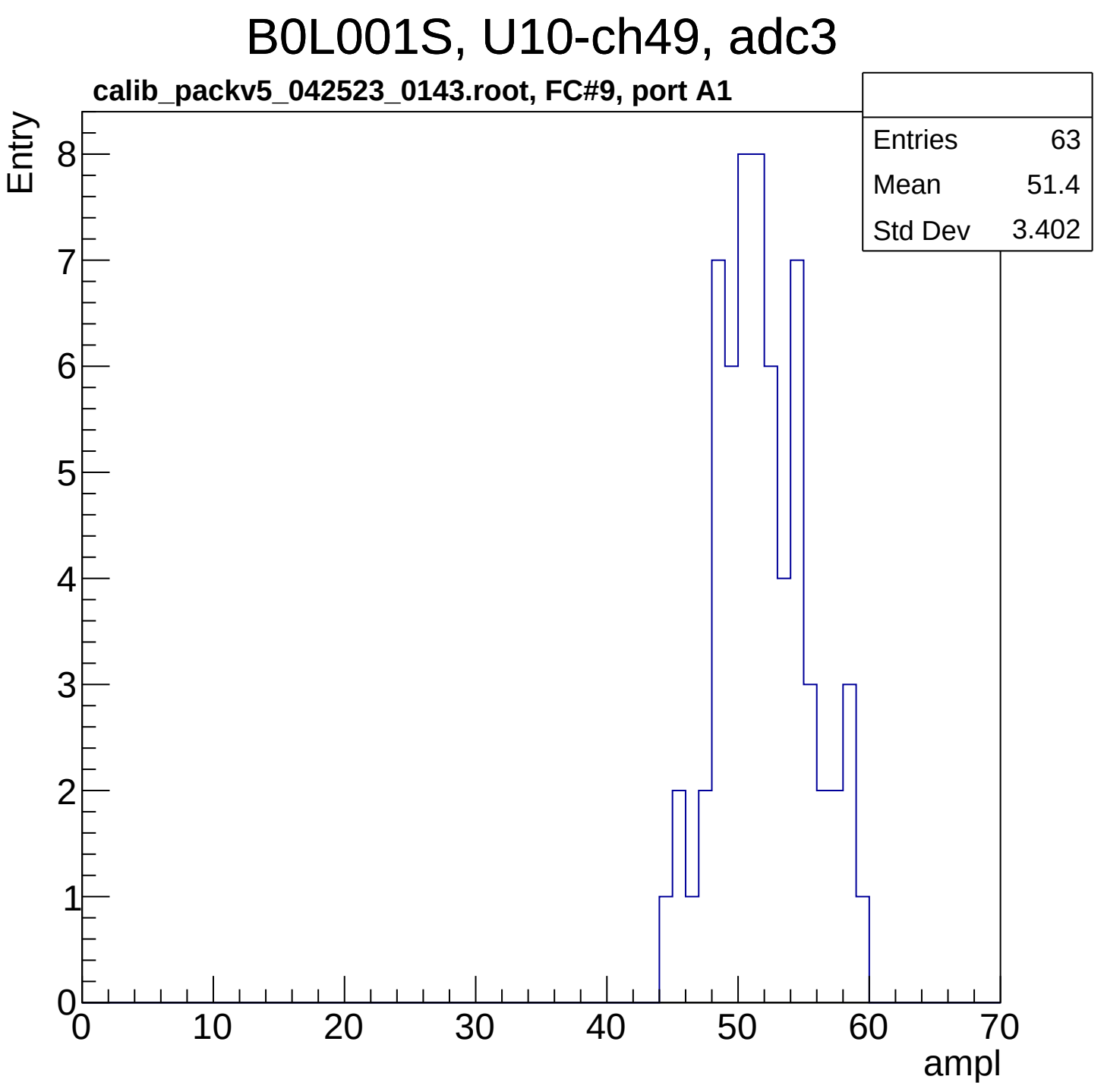
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch49, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 51.4
Std Dev 3.402
Entry
ampl
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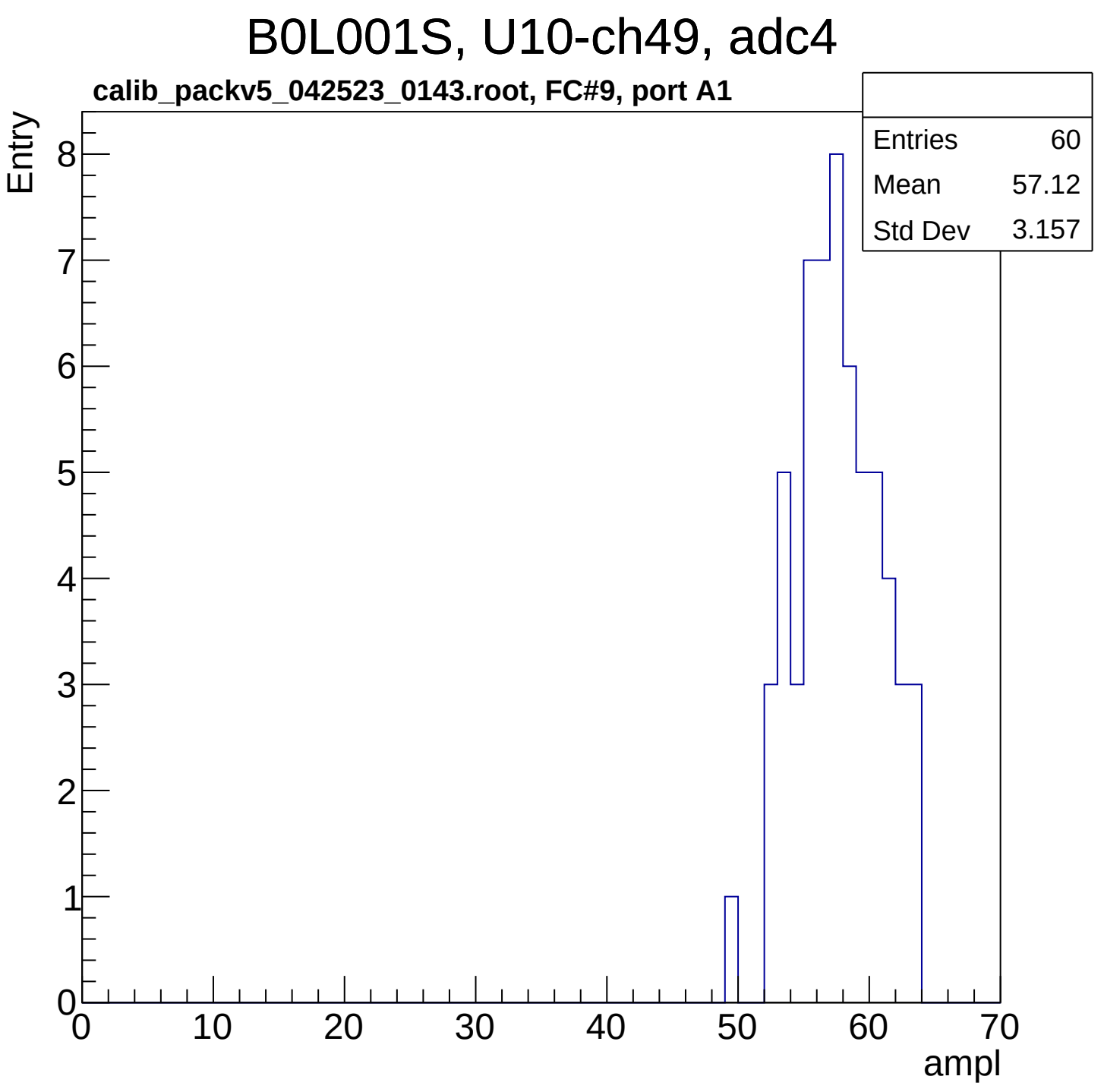
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch49, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 57.12
Std Dev 3.157
Entry
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2
3
4
5
6
7
8
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30
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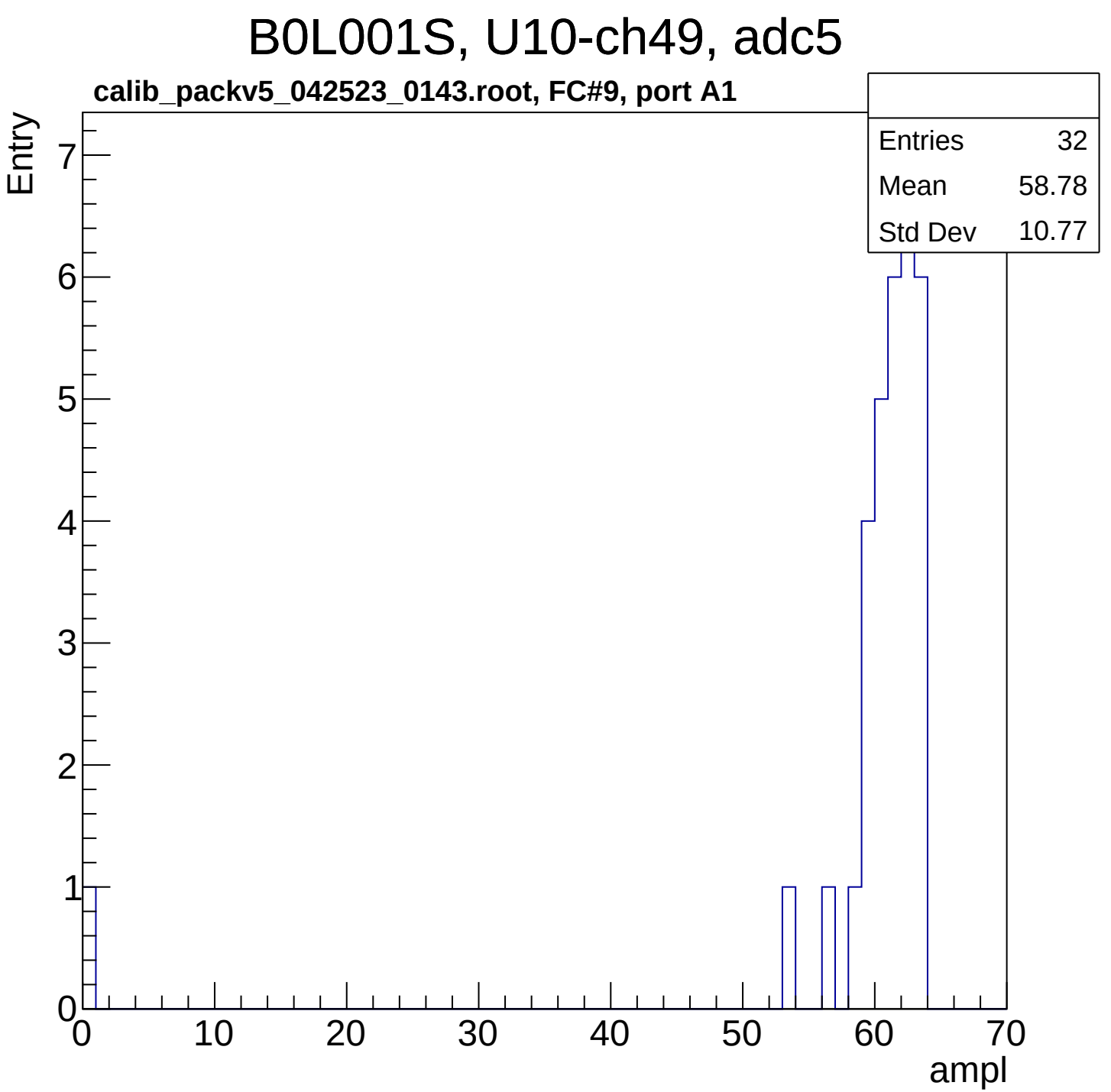
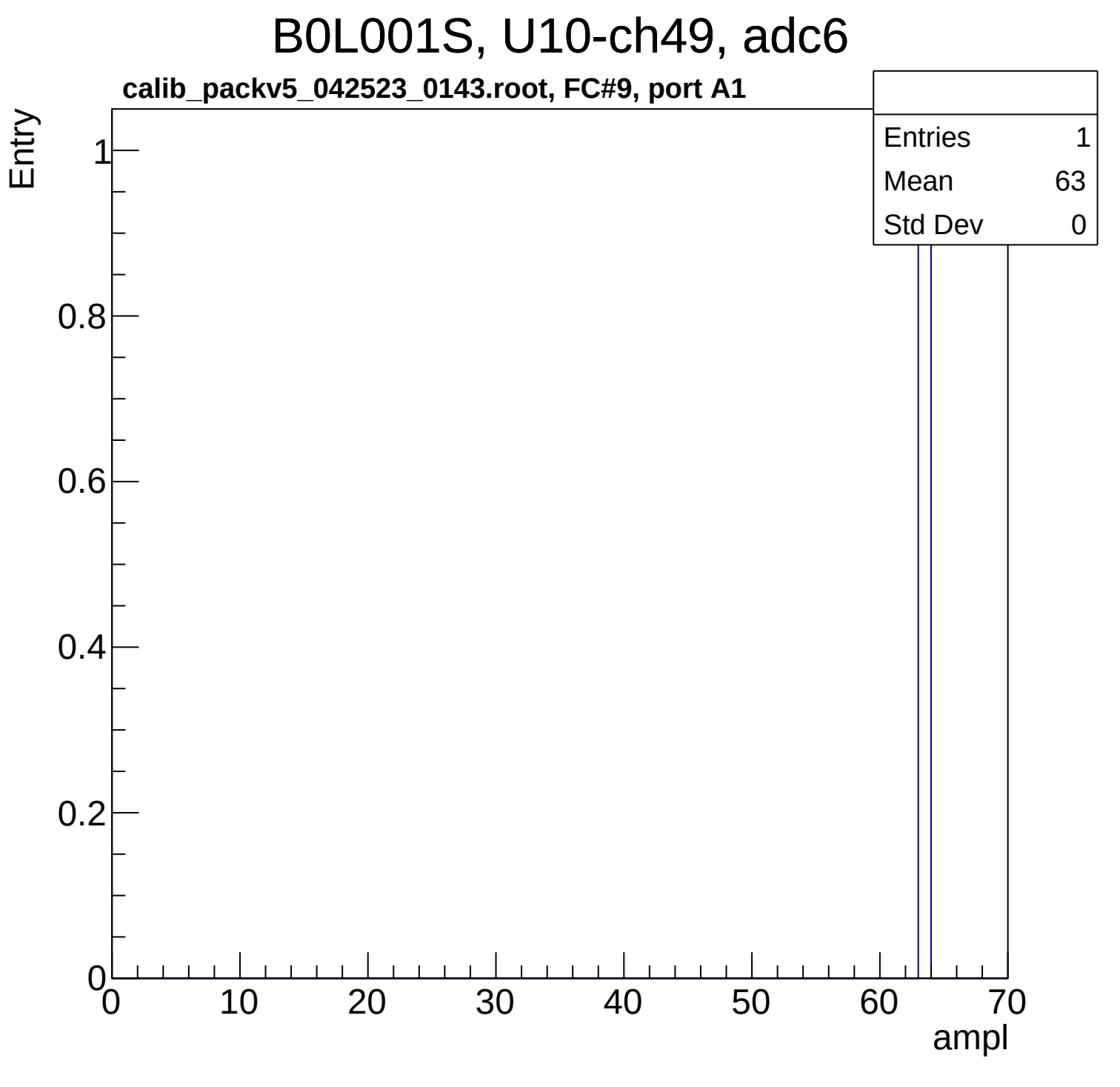
50
60
70
ampl


B0L001S, U10-ch49, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 58.78
Std Dev 10.77
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch49, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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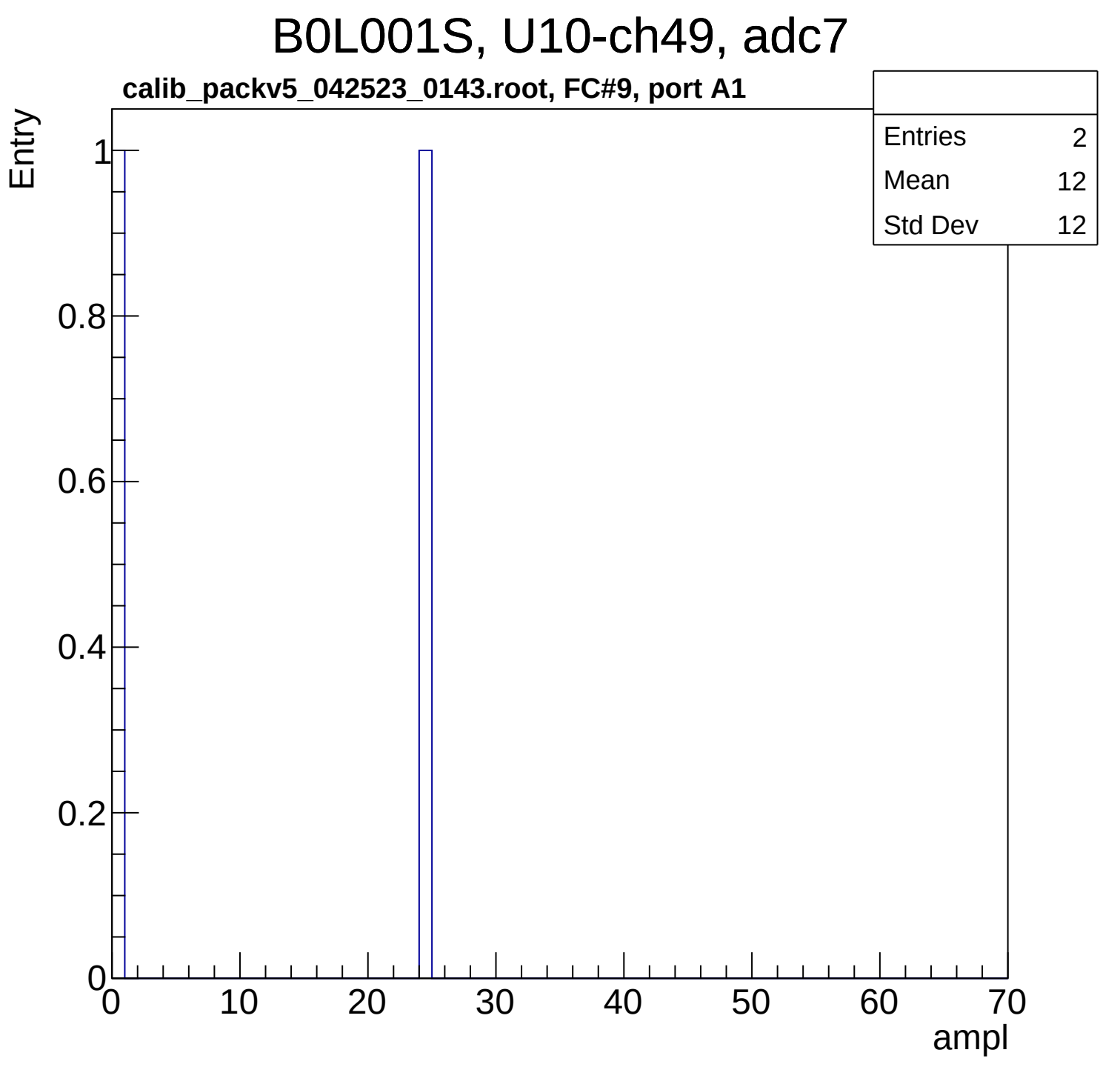
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch49, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 12
Std Dev 12
Entry
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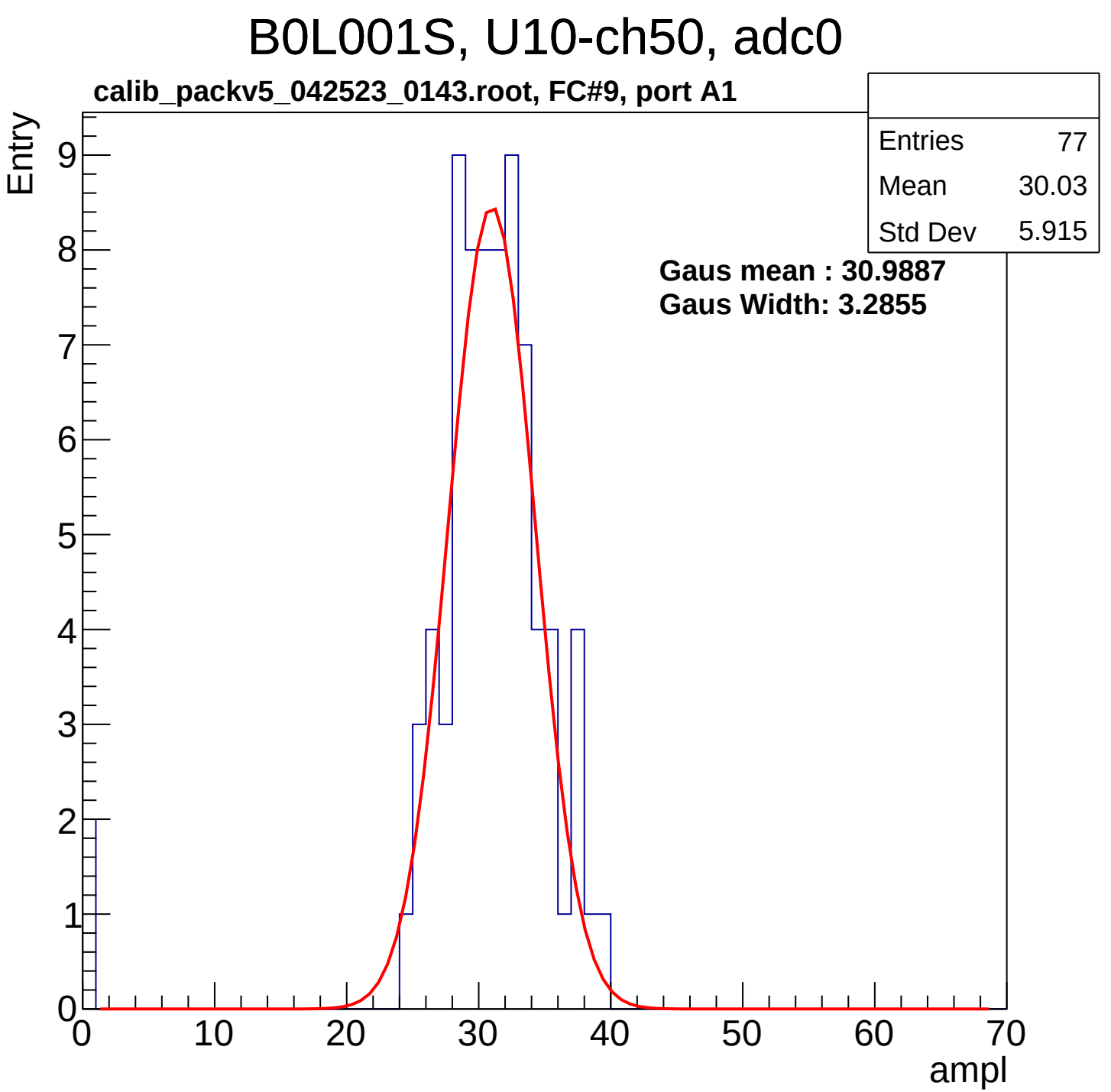
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch50, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 30.03
Std Dev 5.915
Gaus mean : 30.9887
Gaus Width: 3.2855
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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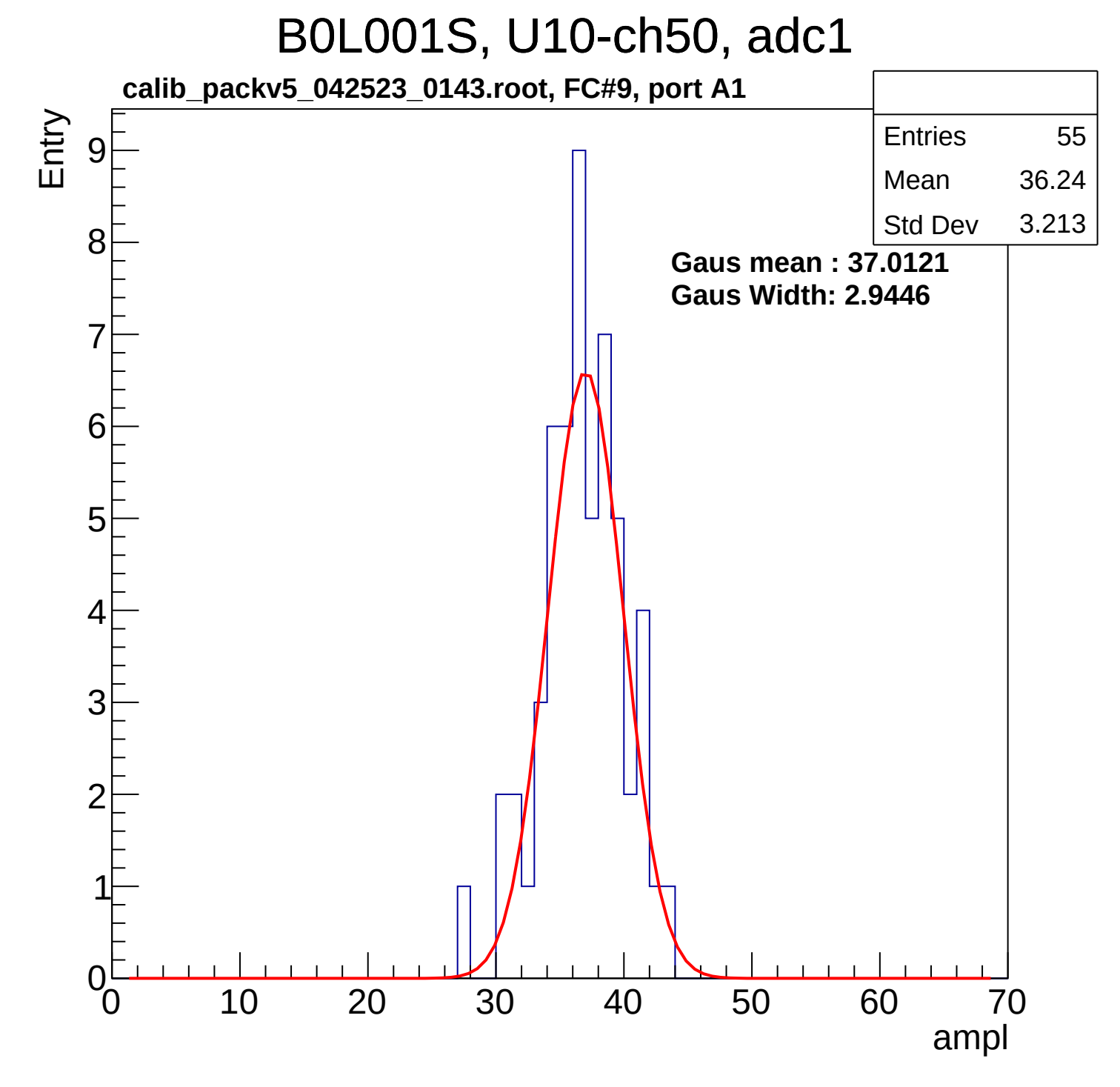
B0L001S, U10-ch50, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 36.24
Std Dev 3.213
Gaus mean : 37.0121
Gaus Width: 2.9446
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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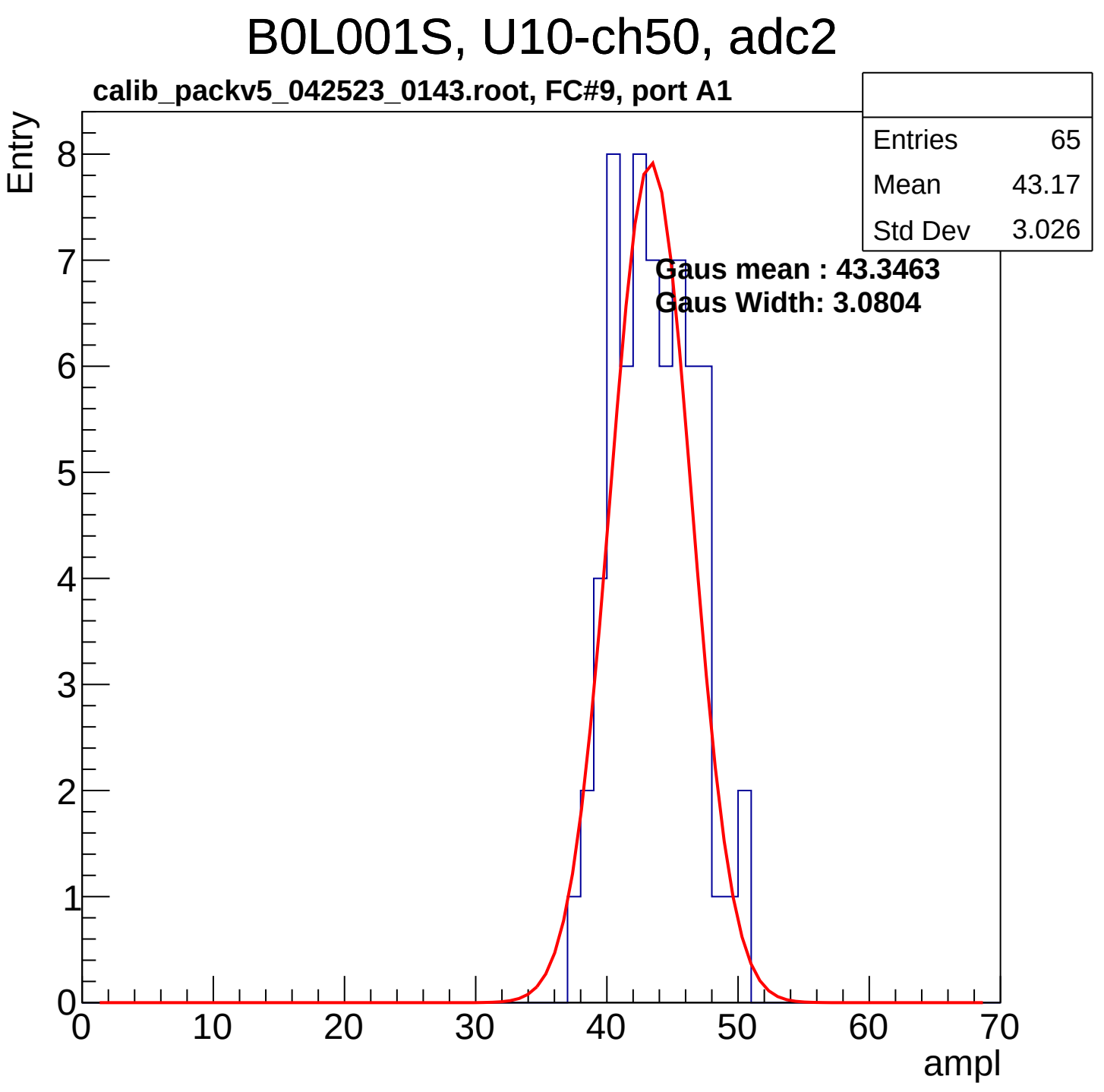
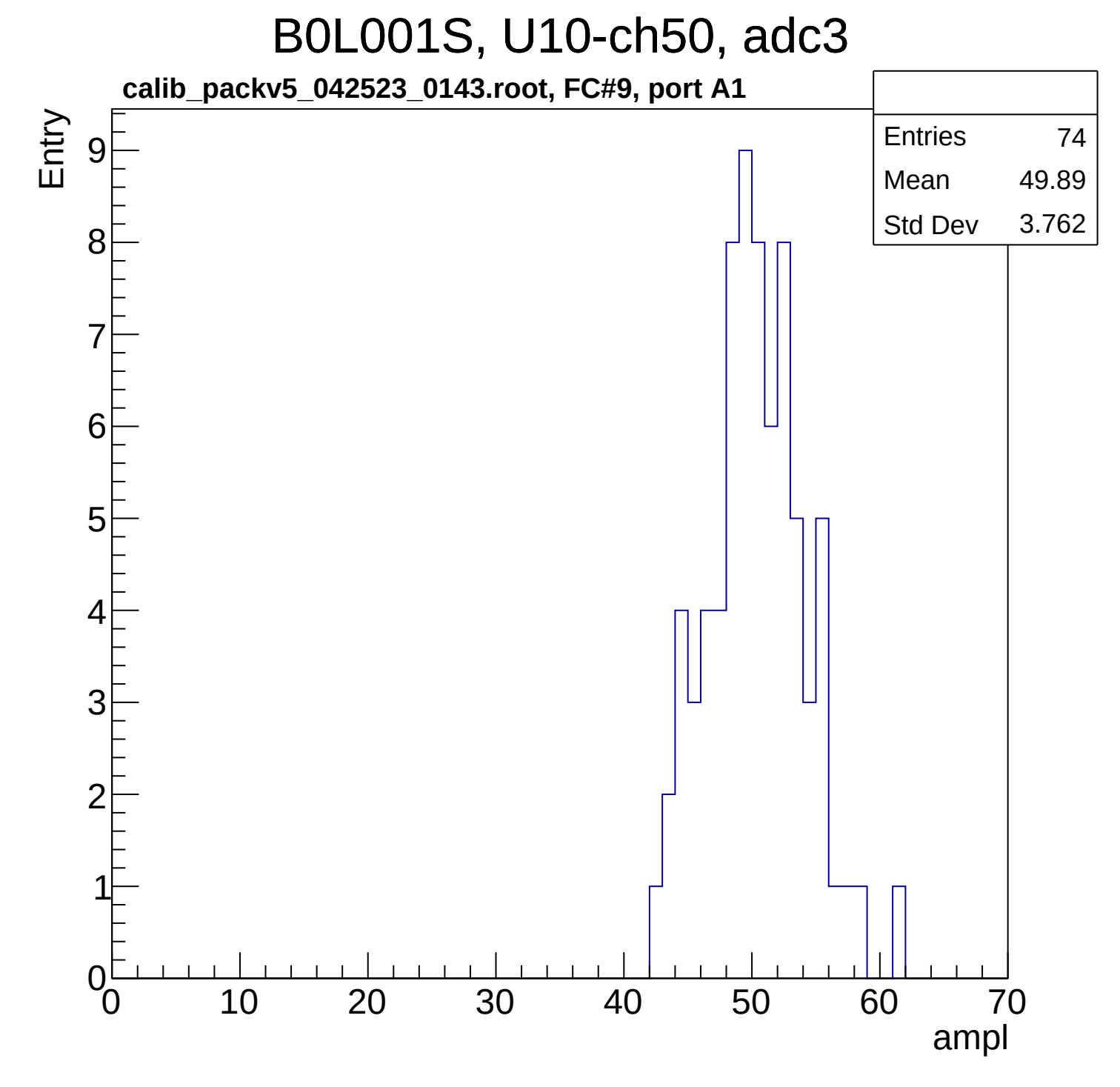

B0L001S, U10-ch50, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 43.17
Std Dev 3.026
Gaus mean : 43.3463
Gaus Width: 3.0804
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch50, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 49.89
Std Dev 3.762
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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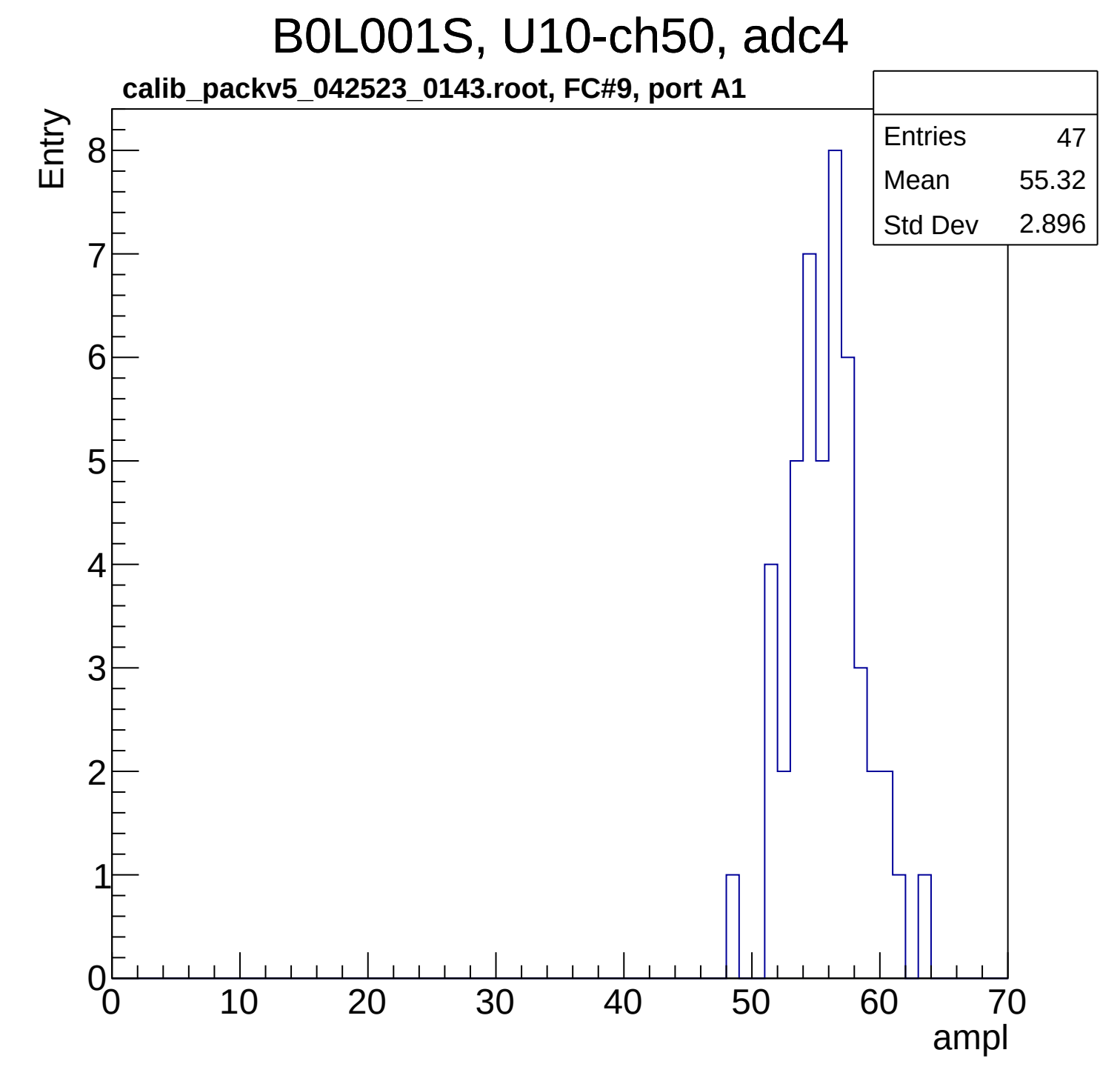
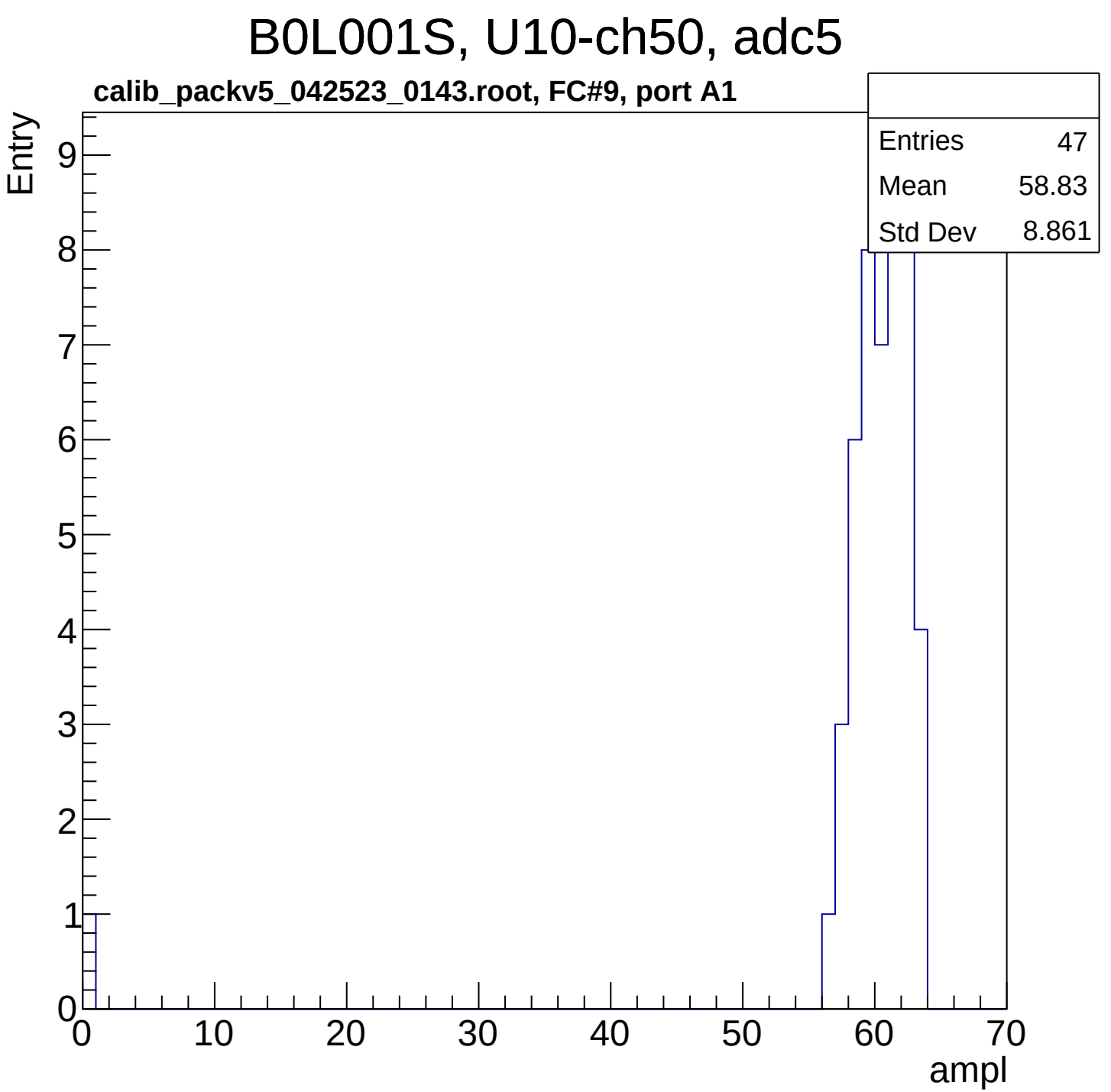

B0L001S, U10-ch50, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 55.32
Std Dev 2.896
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch50, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 58.83
Std Dev 8.861
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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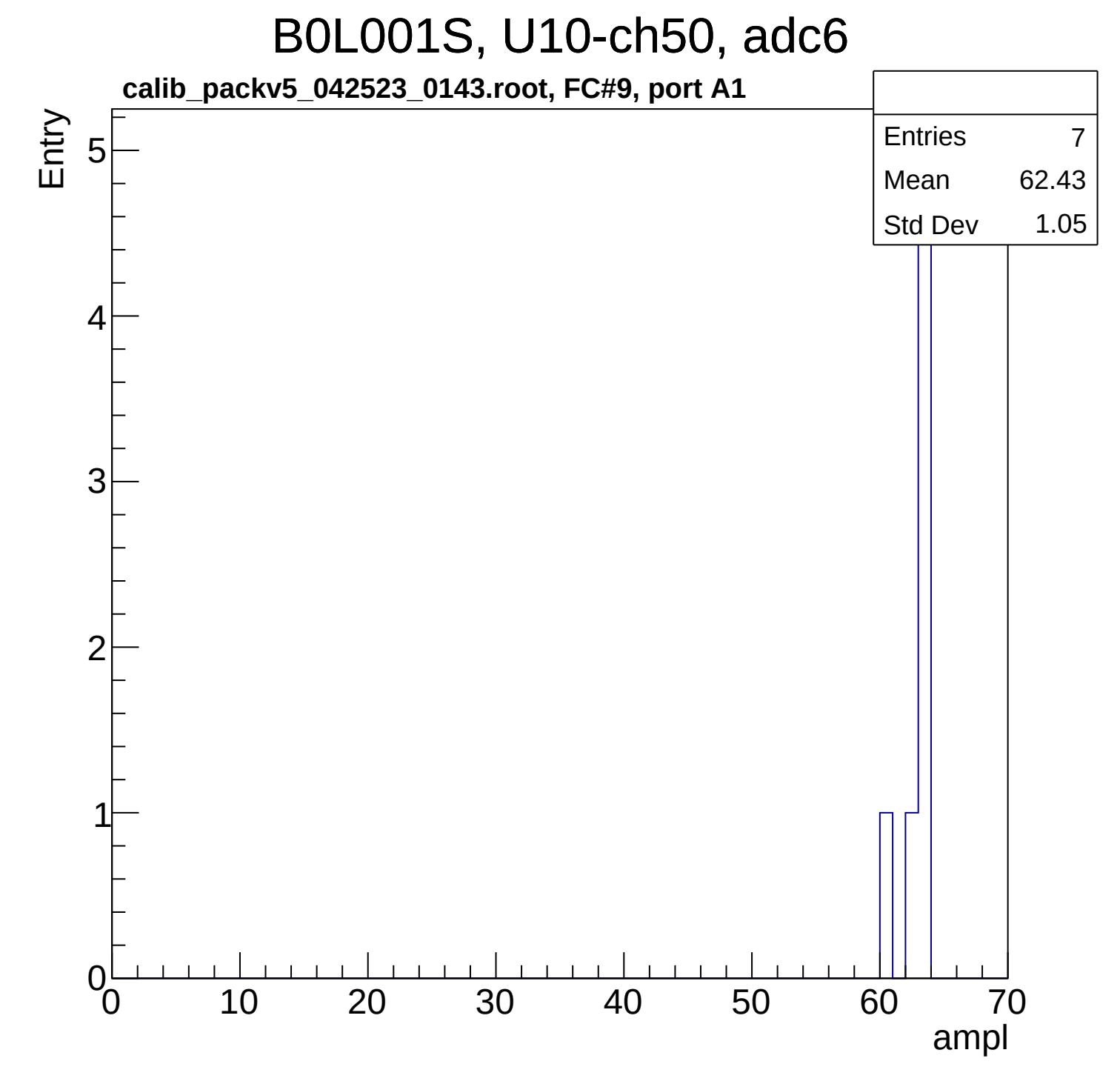
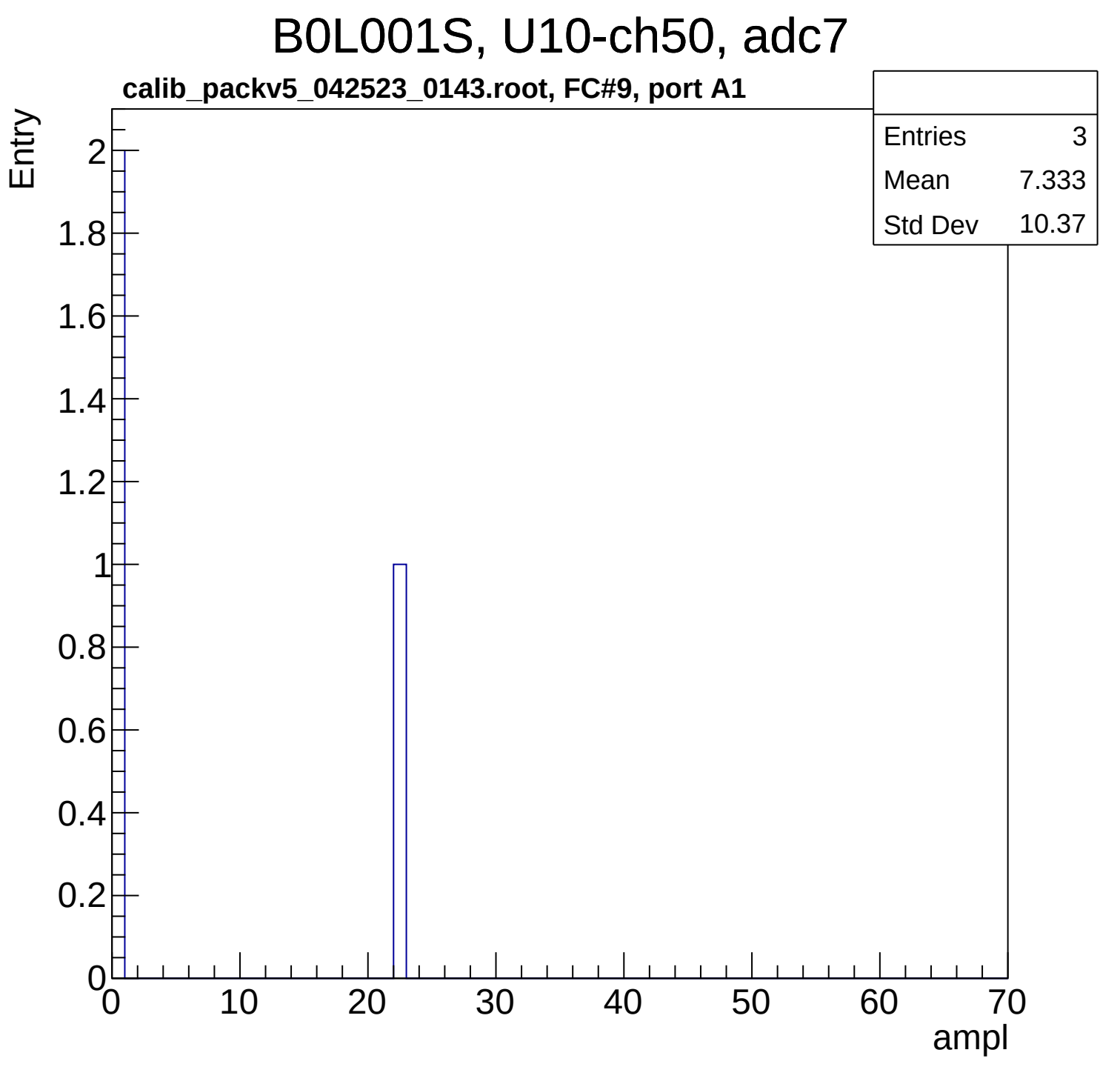
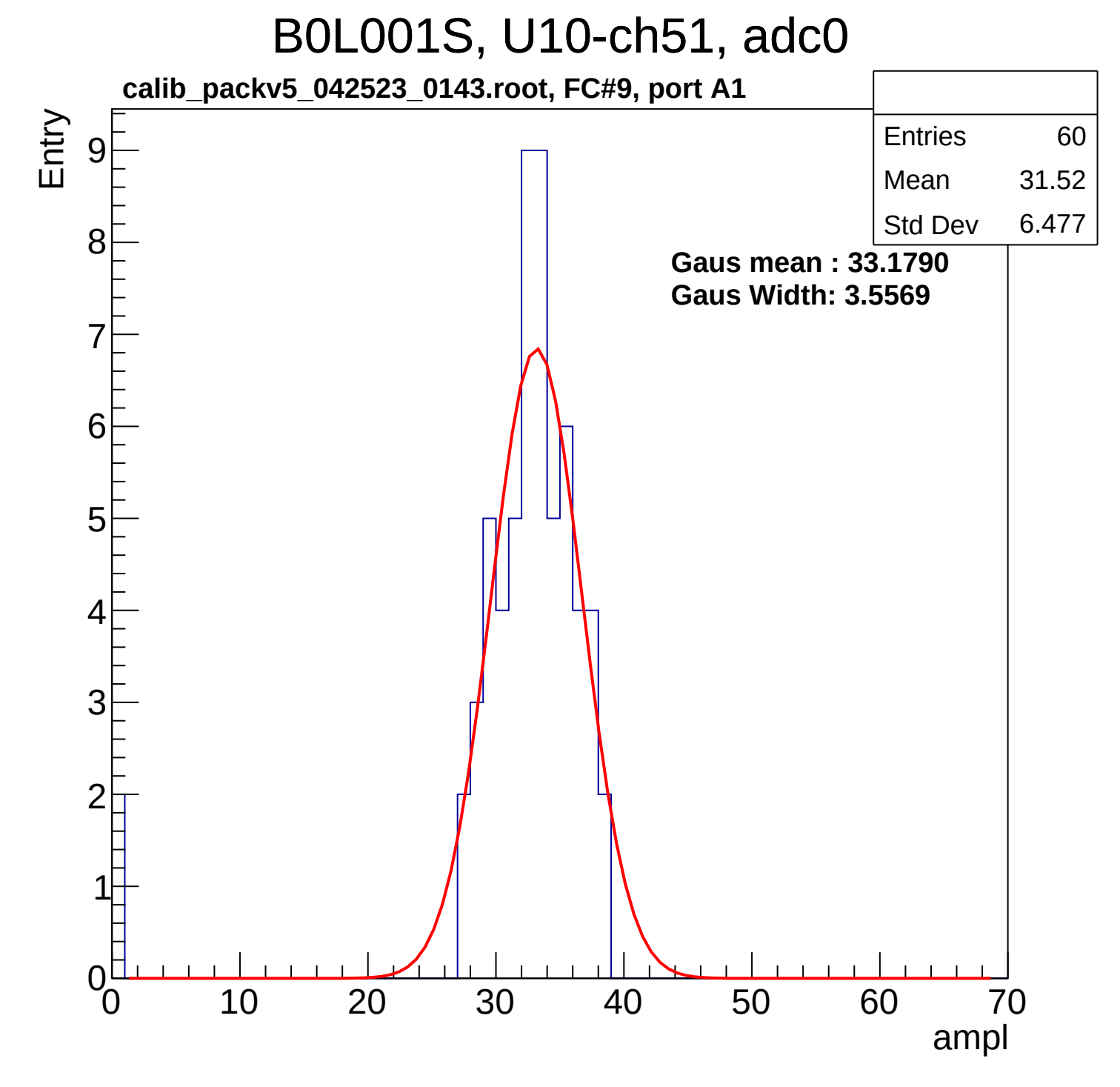
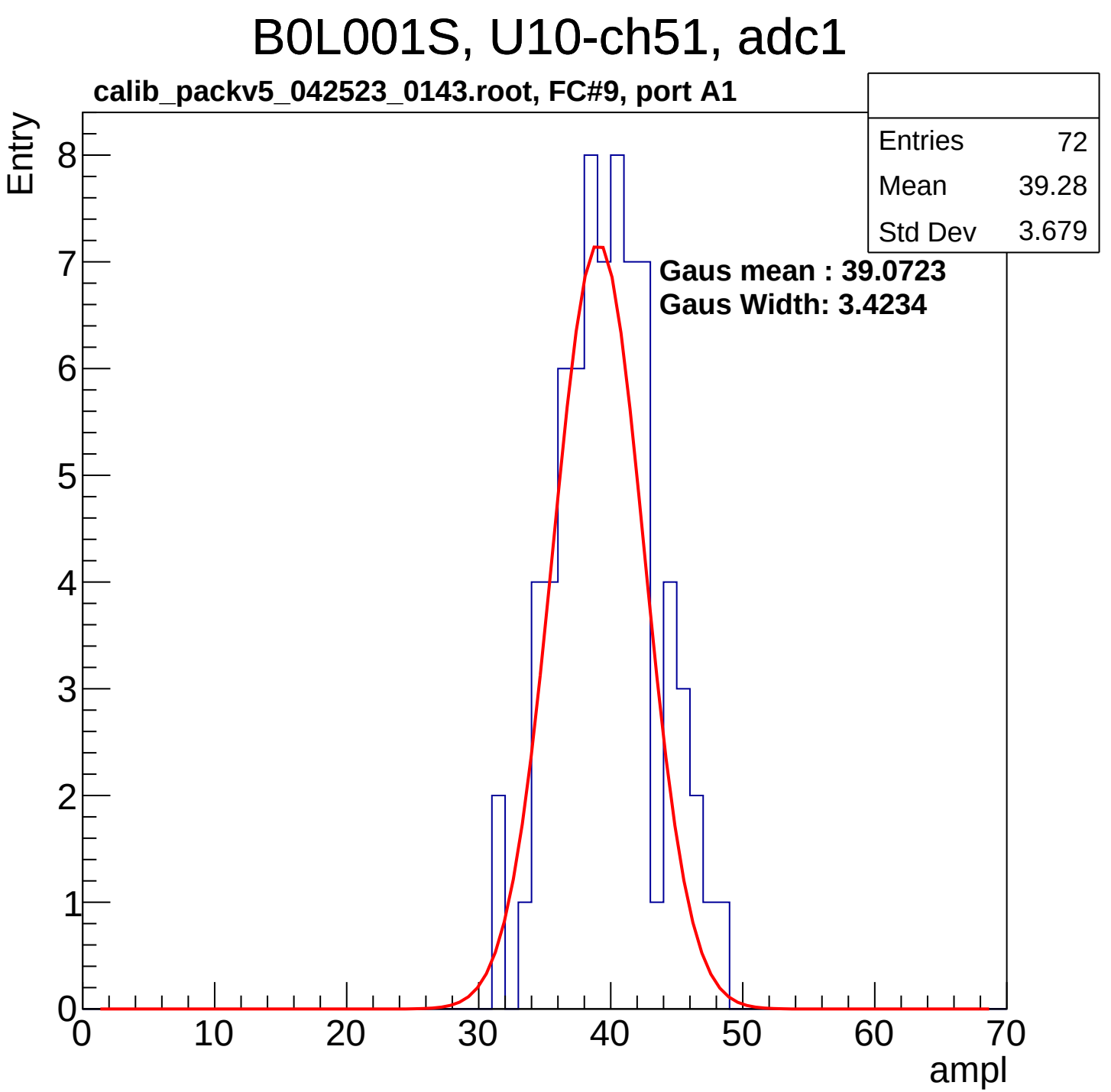
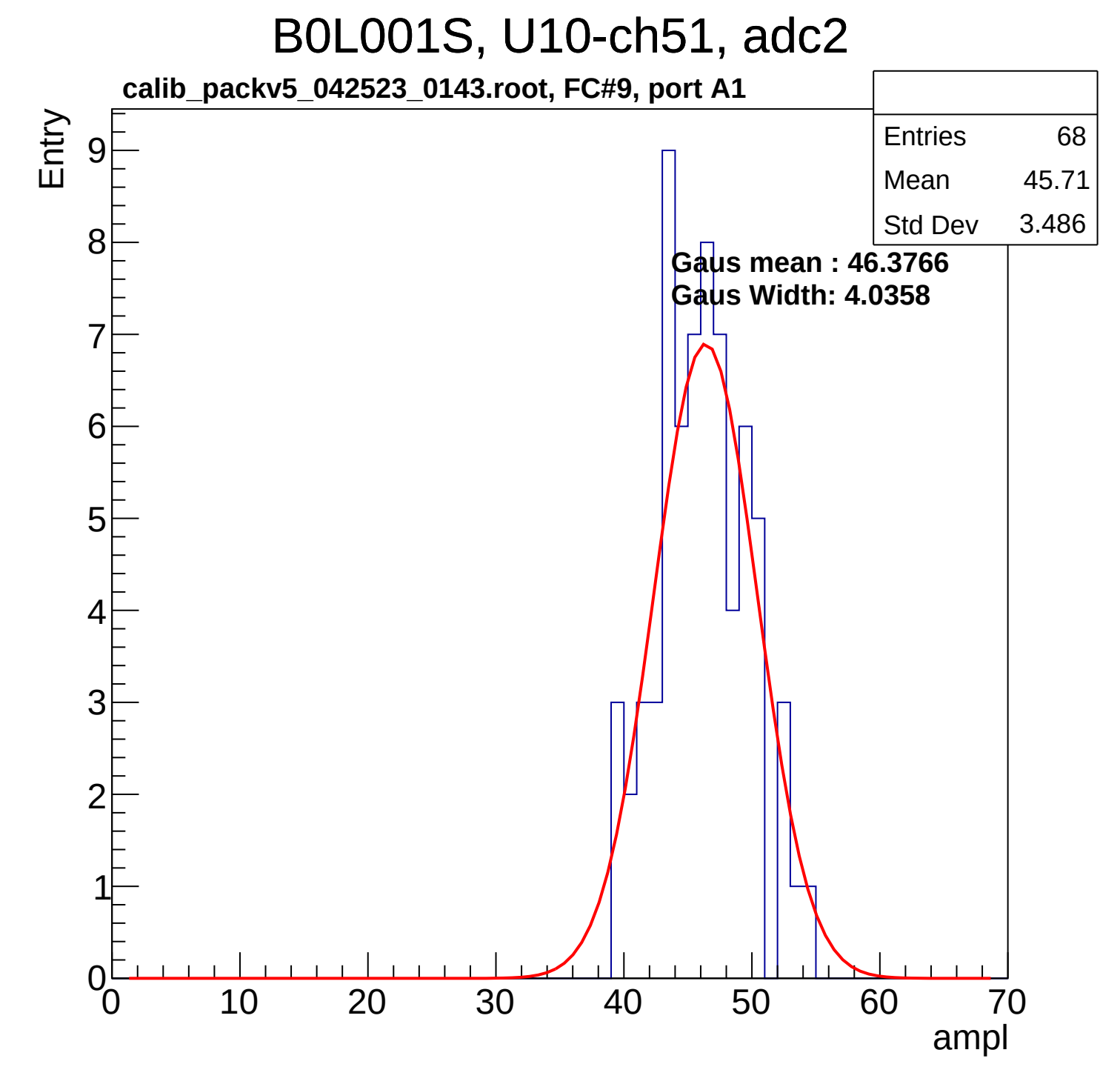
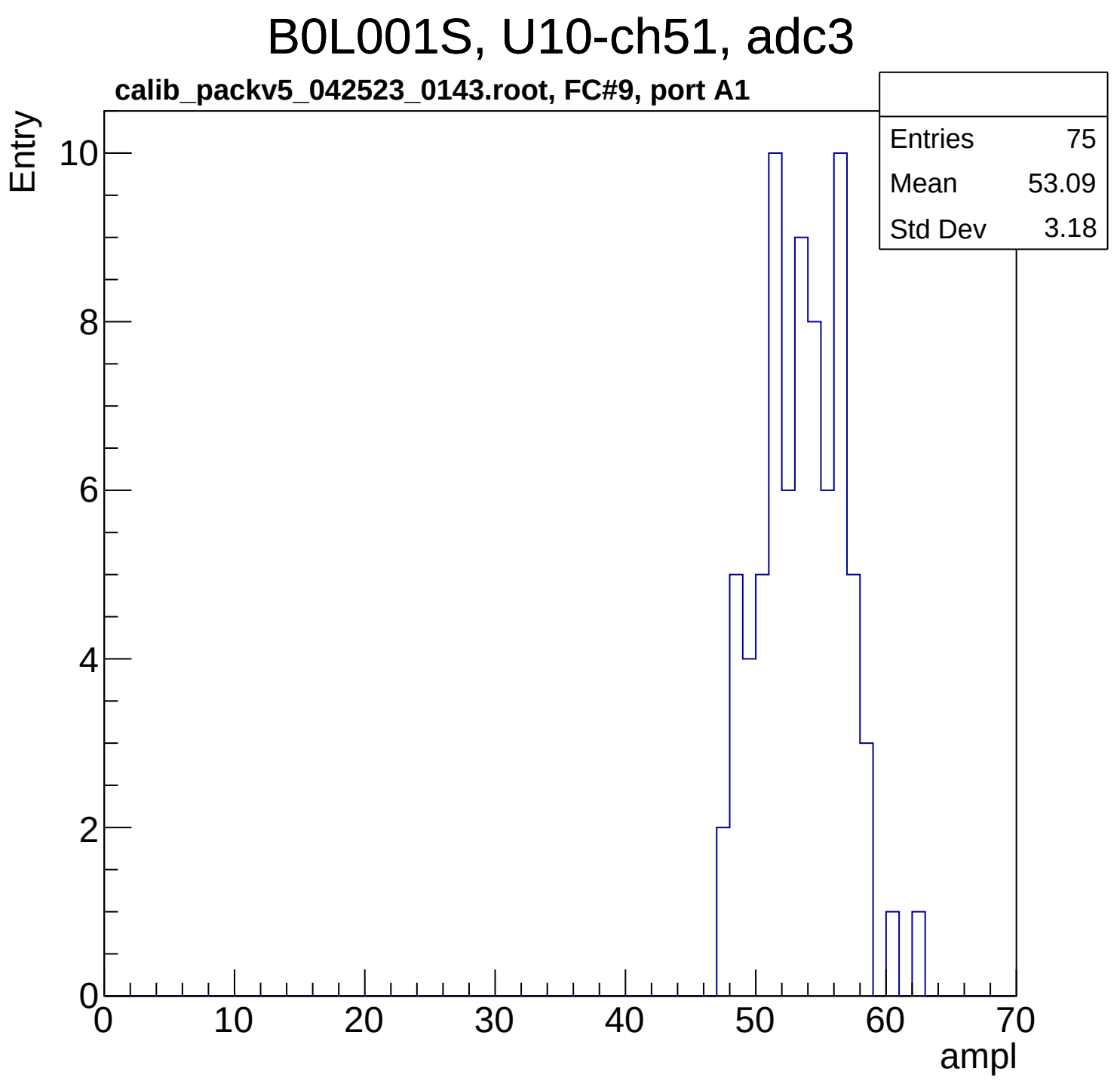

B0L001S, U10-ch50, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 62.43
Std Dev 1.05
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

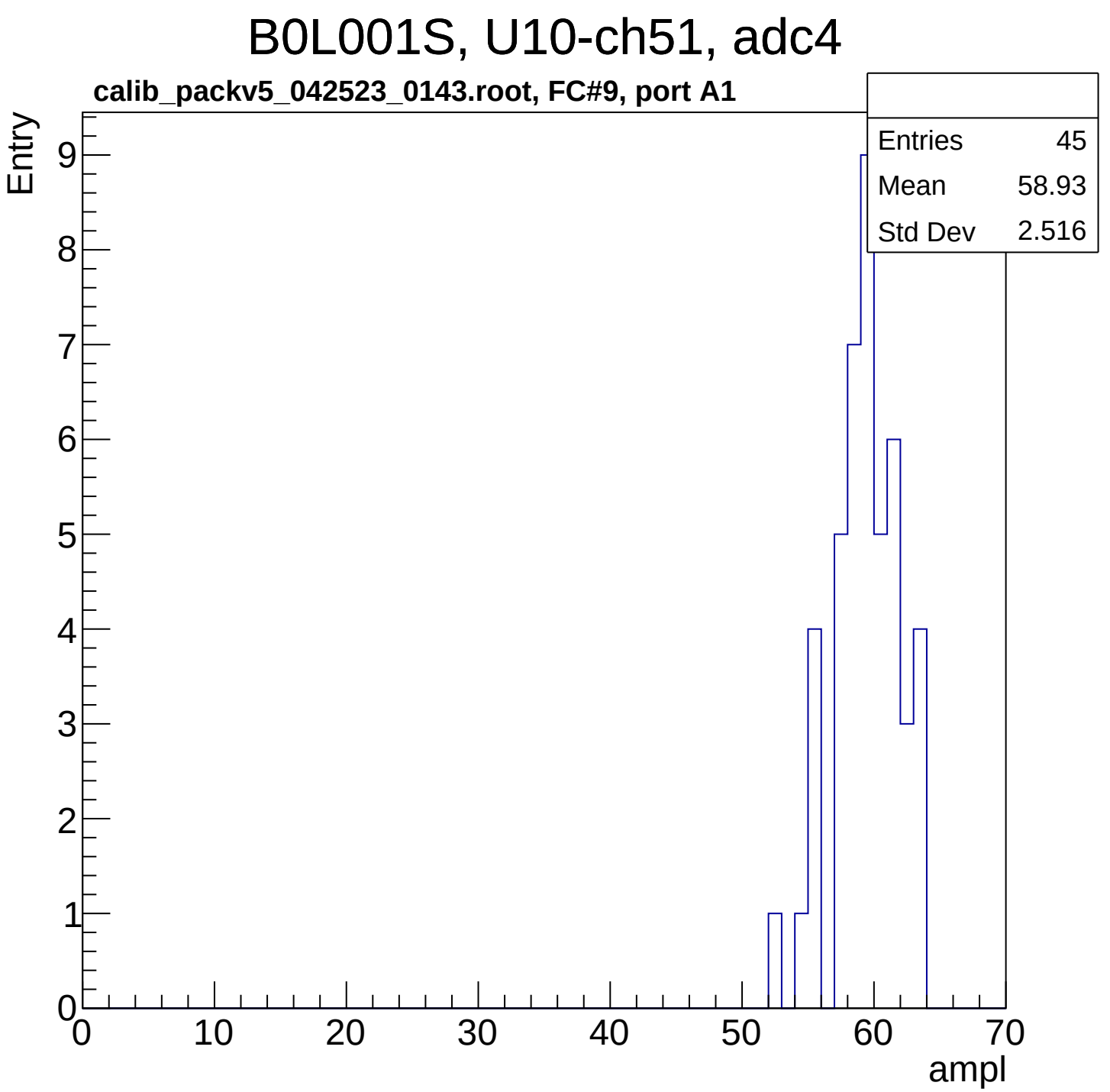

B0L001S, U10-ch50, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

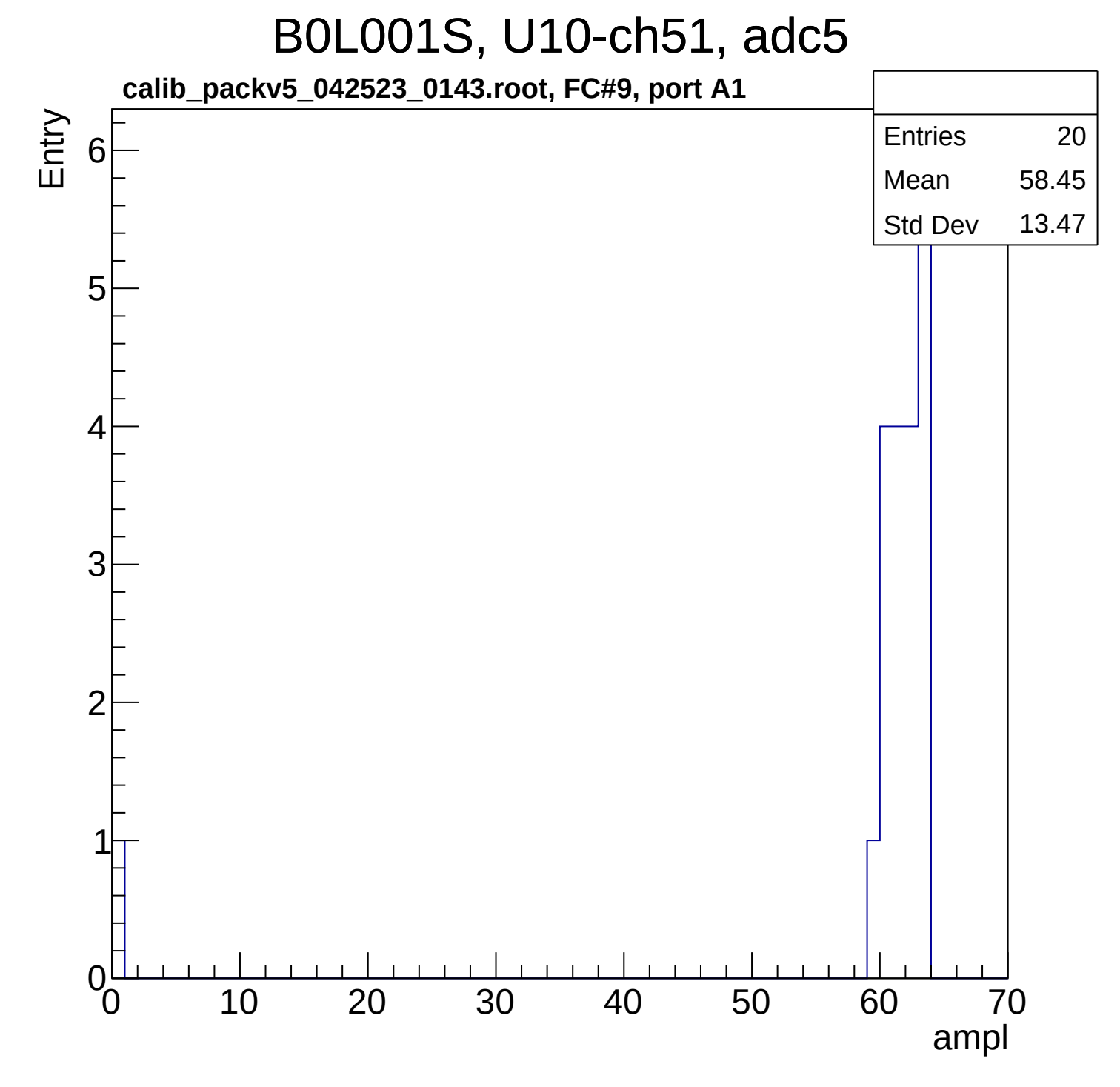

B0L001S, U10-ch51, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 31.52
Std Dev 6.477
Gaus mean : 33.1790
Gaus Width: 3.5569
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

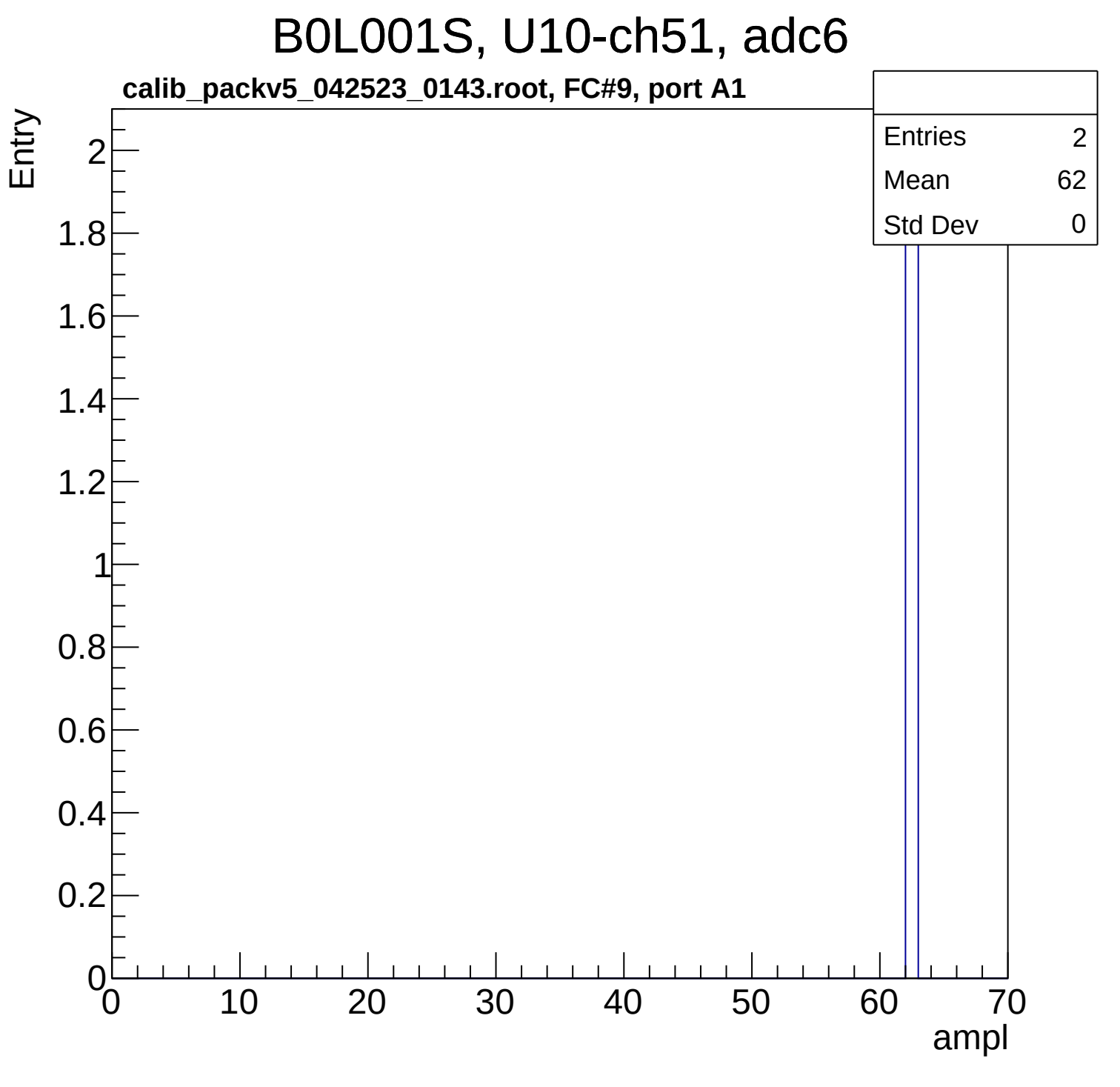

B0L001S, U10-ch51, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 39.28
Std Dev 3.679
Gaus mean : 39.0723
Gaus Width: 3.4234
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

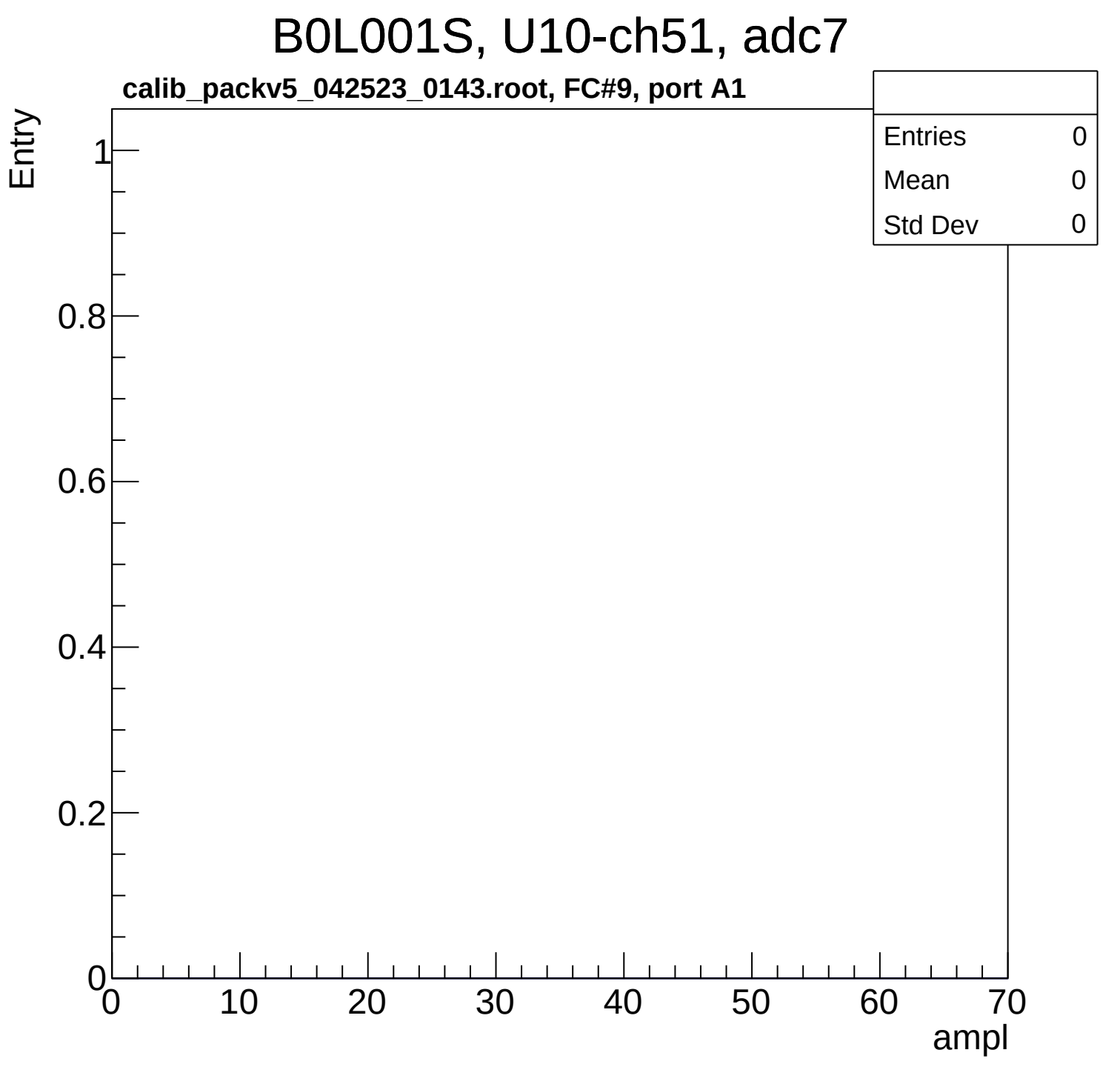

B0L001S, U10-ch51, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 45.71
Std Dev 3.486
Gaus mean : 46.3766
Gaus Width: 4.0358
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

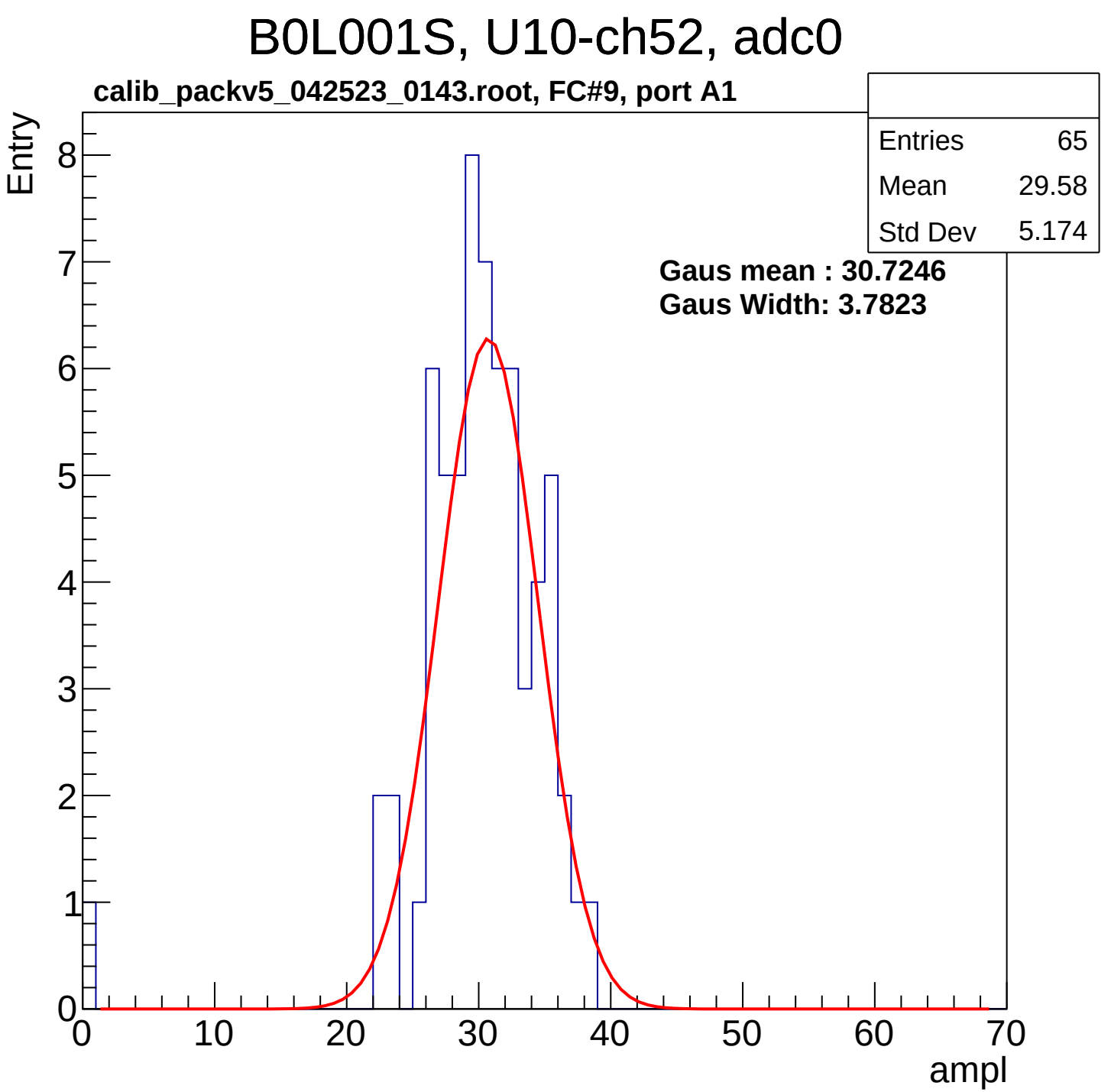

B0L001S, U10-ch51, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 53.09
Std Dev 3.18
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

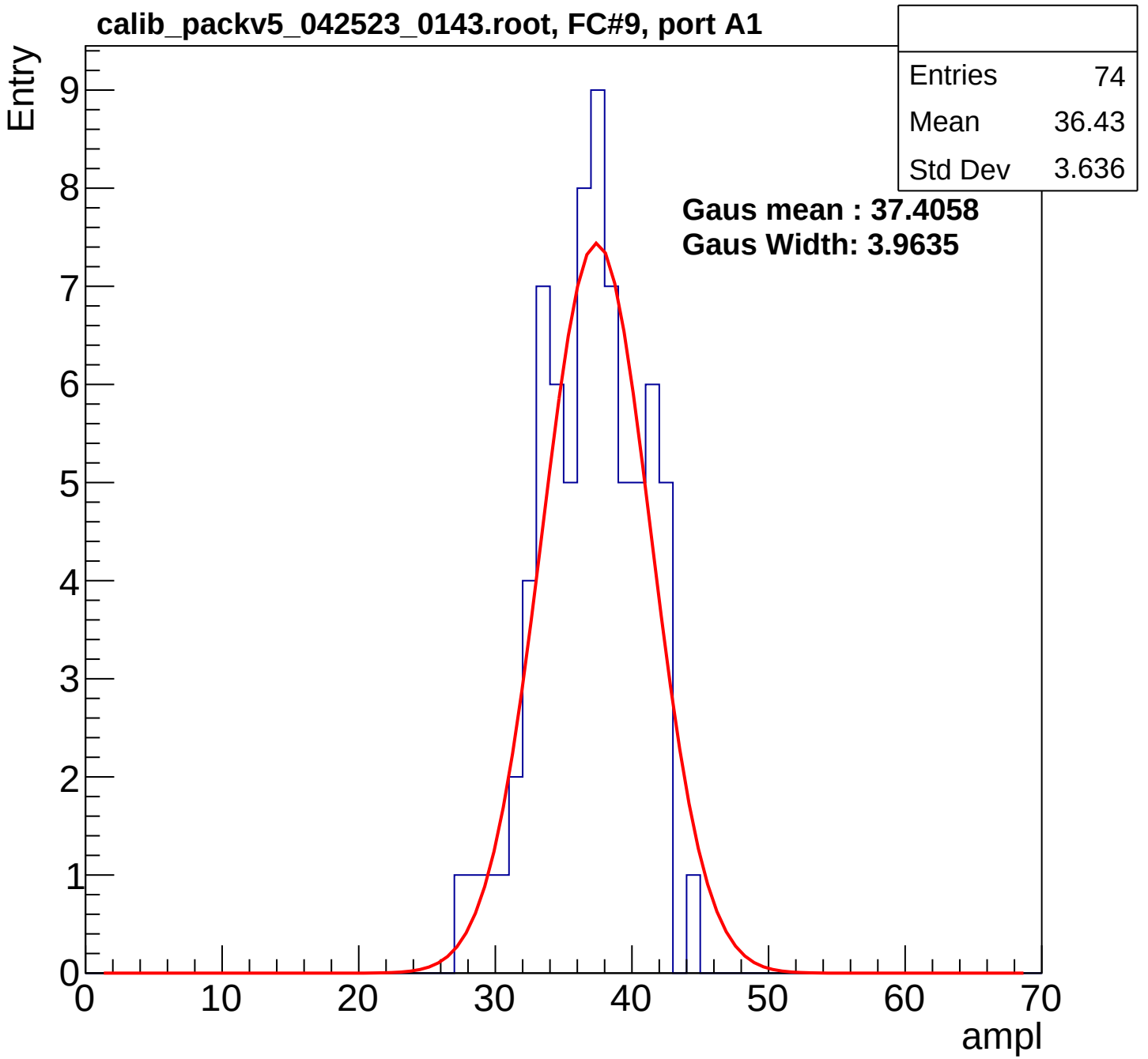

B0L001S, U10-ch51, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 58.93
Std Dev 2.516
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch51, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 20
Mean 58.45
Std Dev 13.47
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch51, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch51, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch52, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 29.58
Std Dev 5.174
Gaus mean : 30.7246
Gaus Width: 3.7823
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch52, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 36.43
Std Dev 3.636
Gaus mean : 37.4058
Gaus Width: 3.9635
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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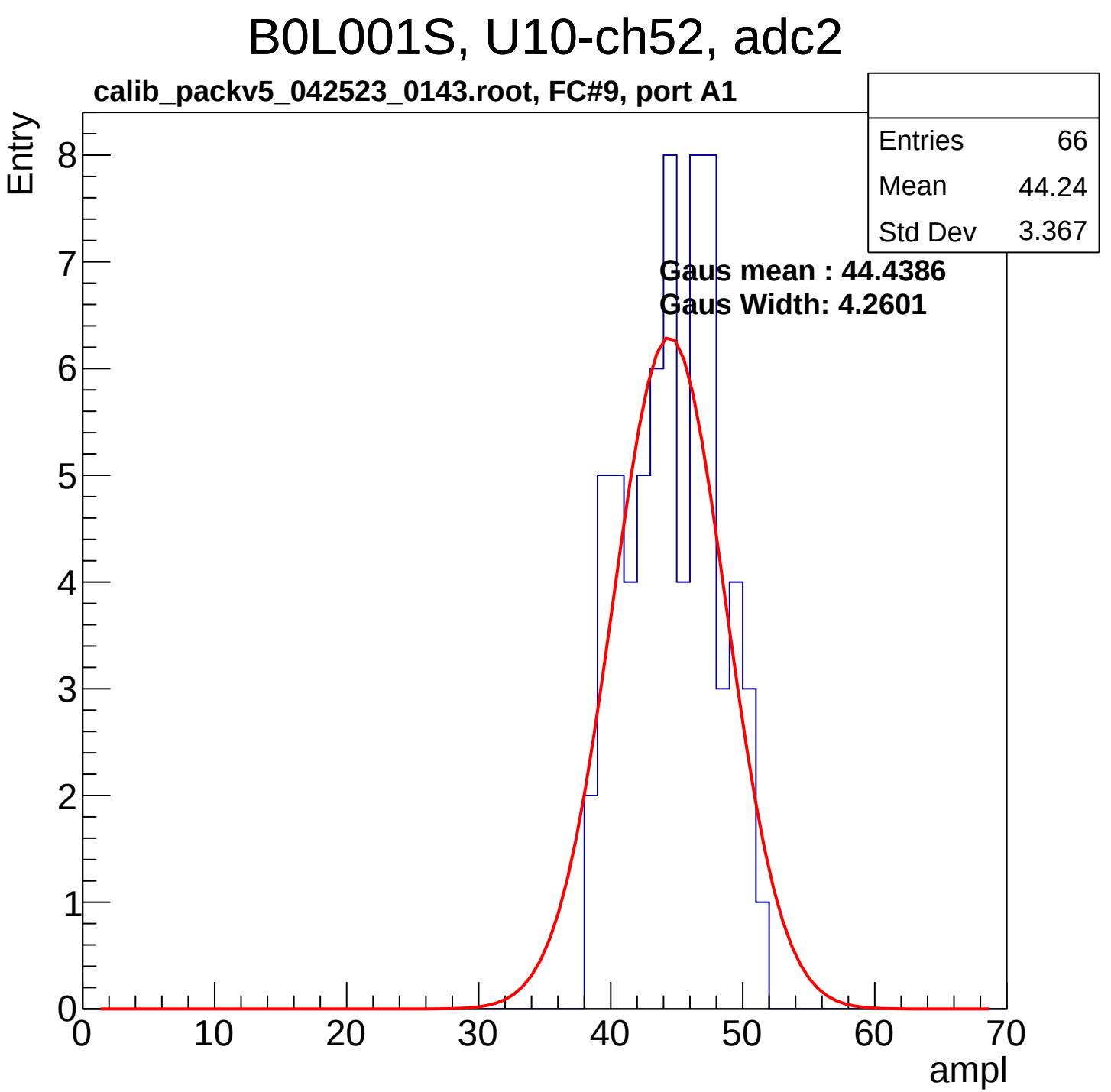
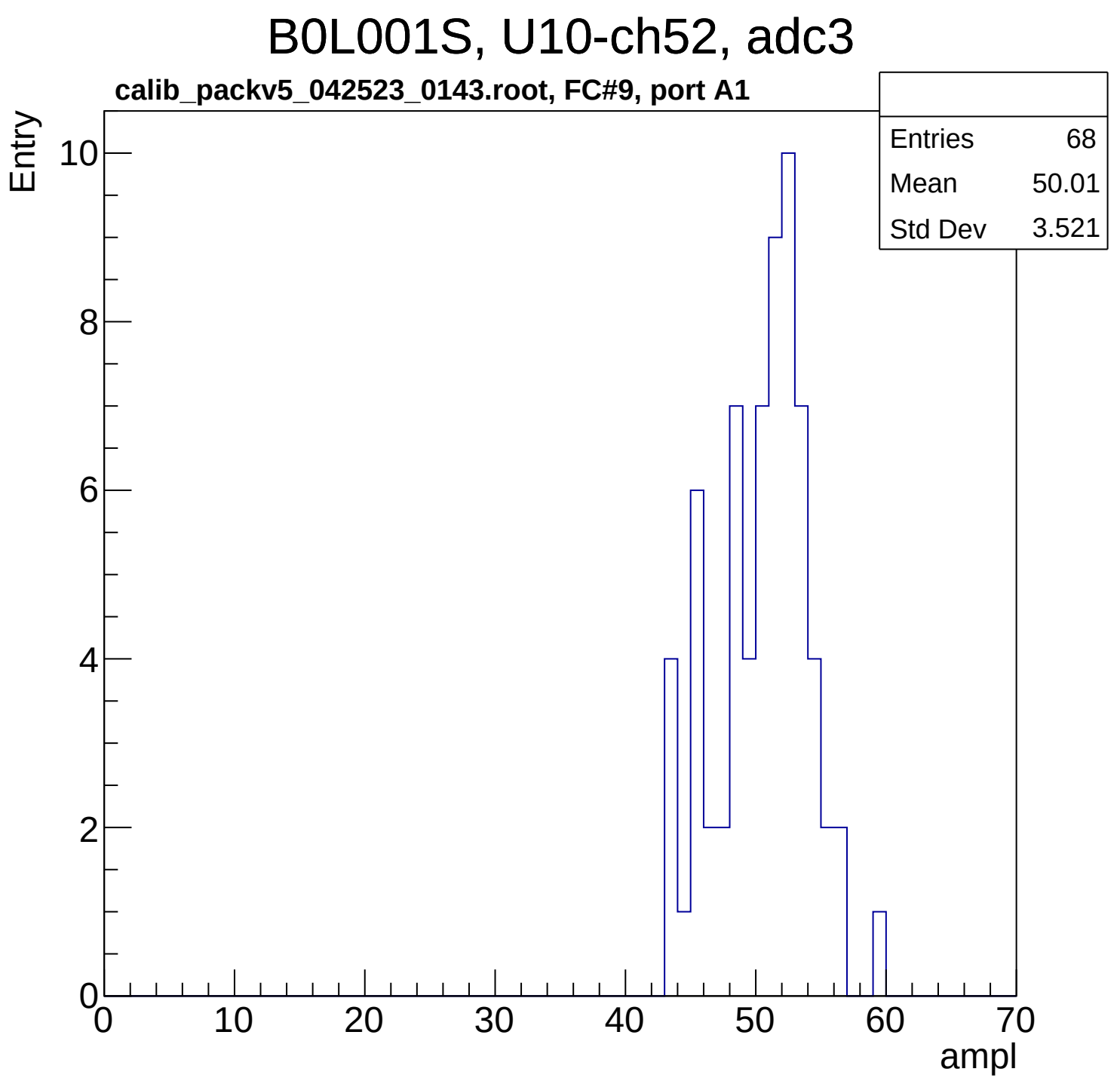
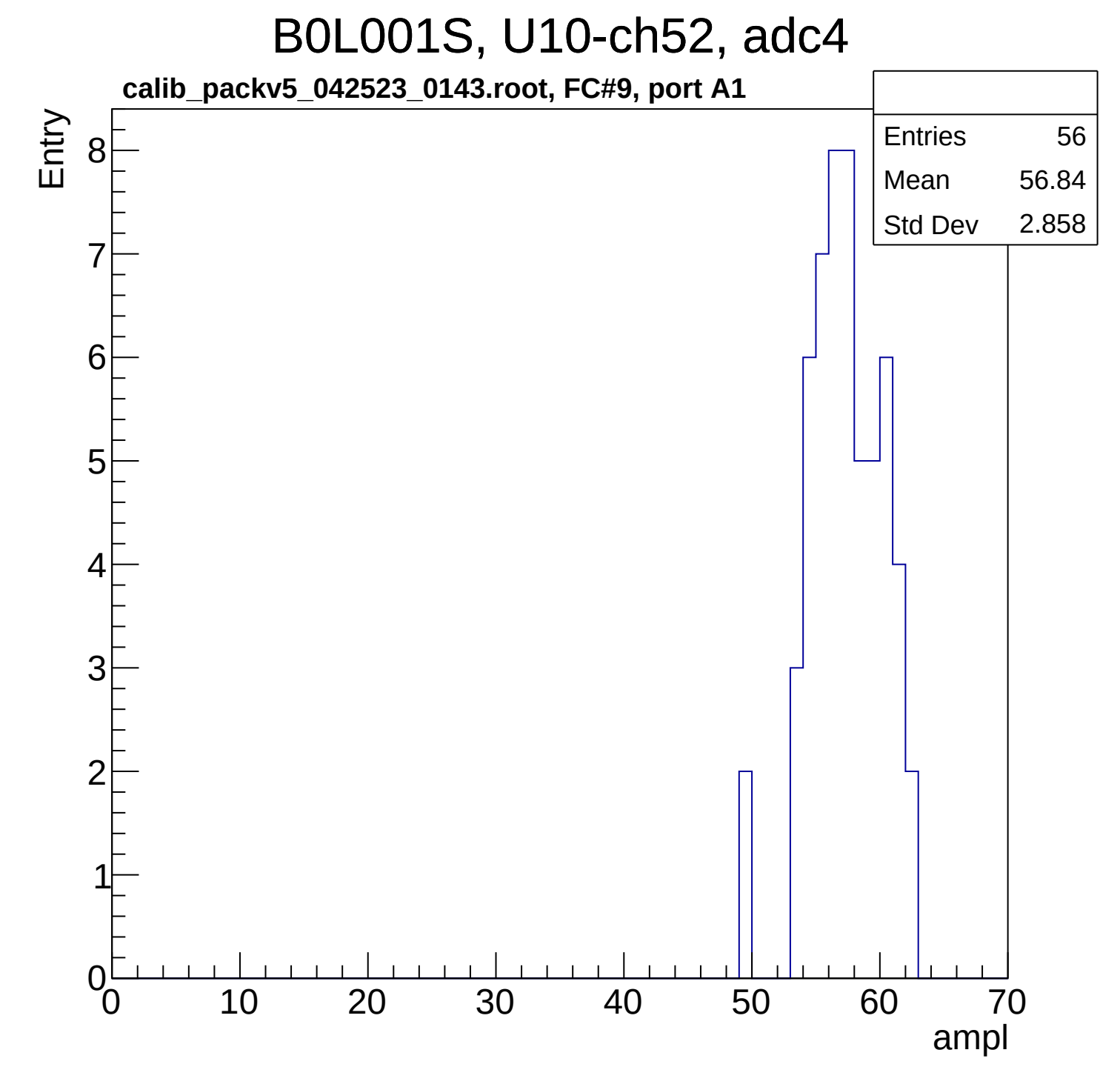
40
50
60
70


B0L001S, U10-ch52, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 44.24
Std Dev 3.367
Gaus mean : 44.4386
Gaus Width: 4.2601
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch52, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 50.01
Std Dev 3.521
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch52, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 56.84
Std Dev 2.858
Entry
ampl
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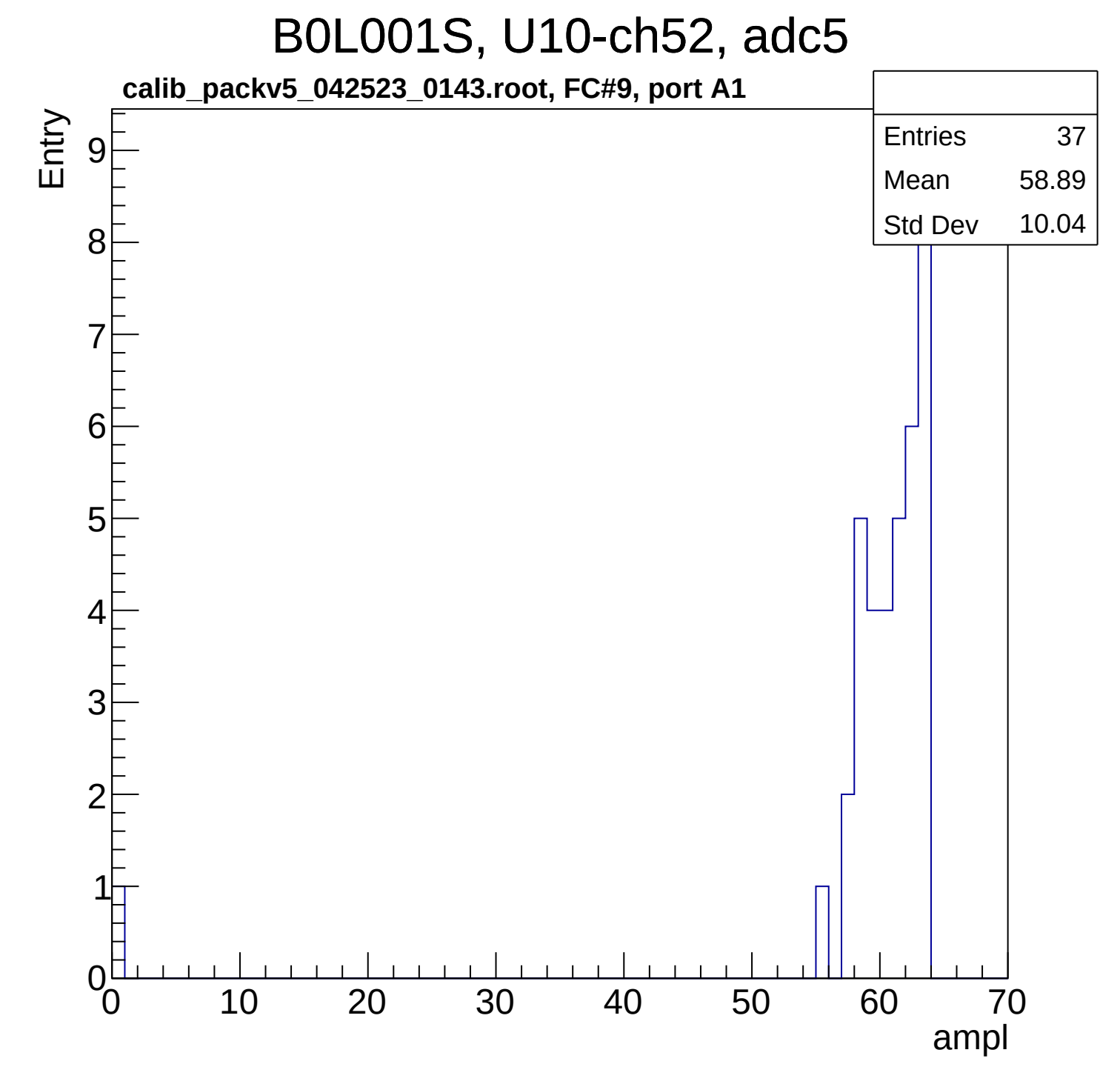
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch52, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.89
Std Dev 10.04
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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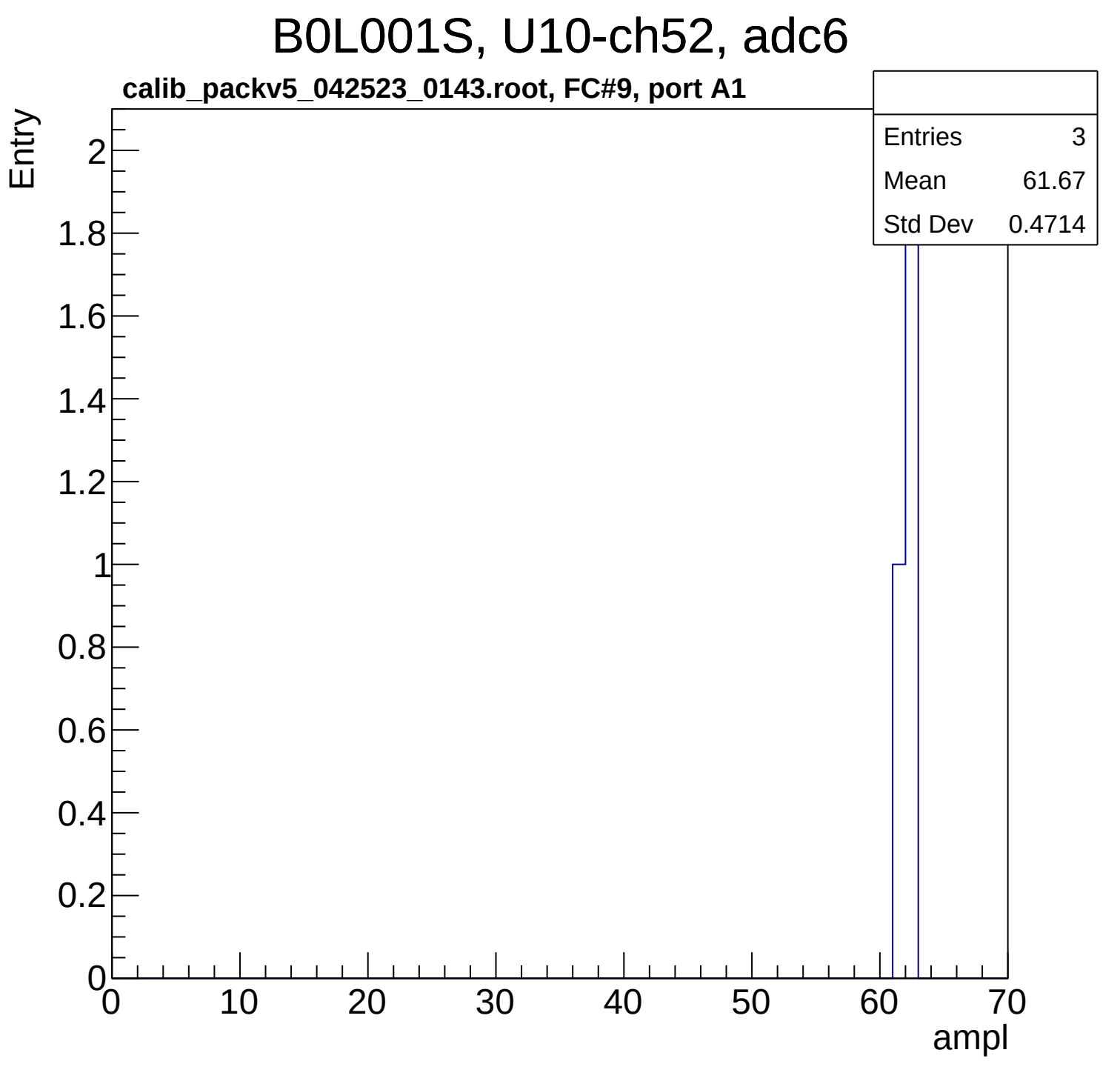
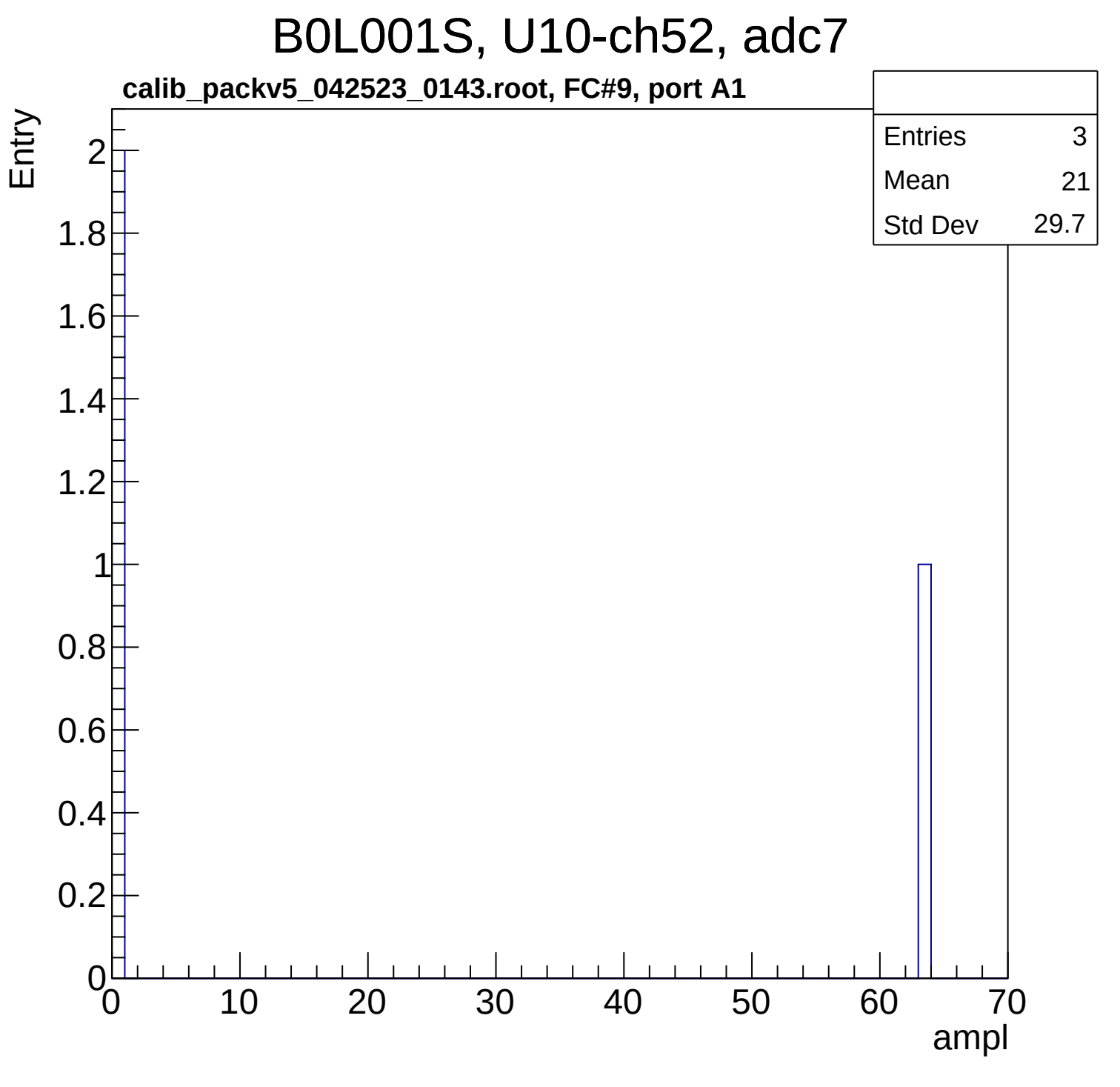
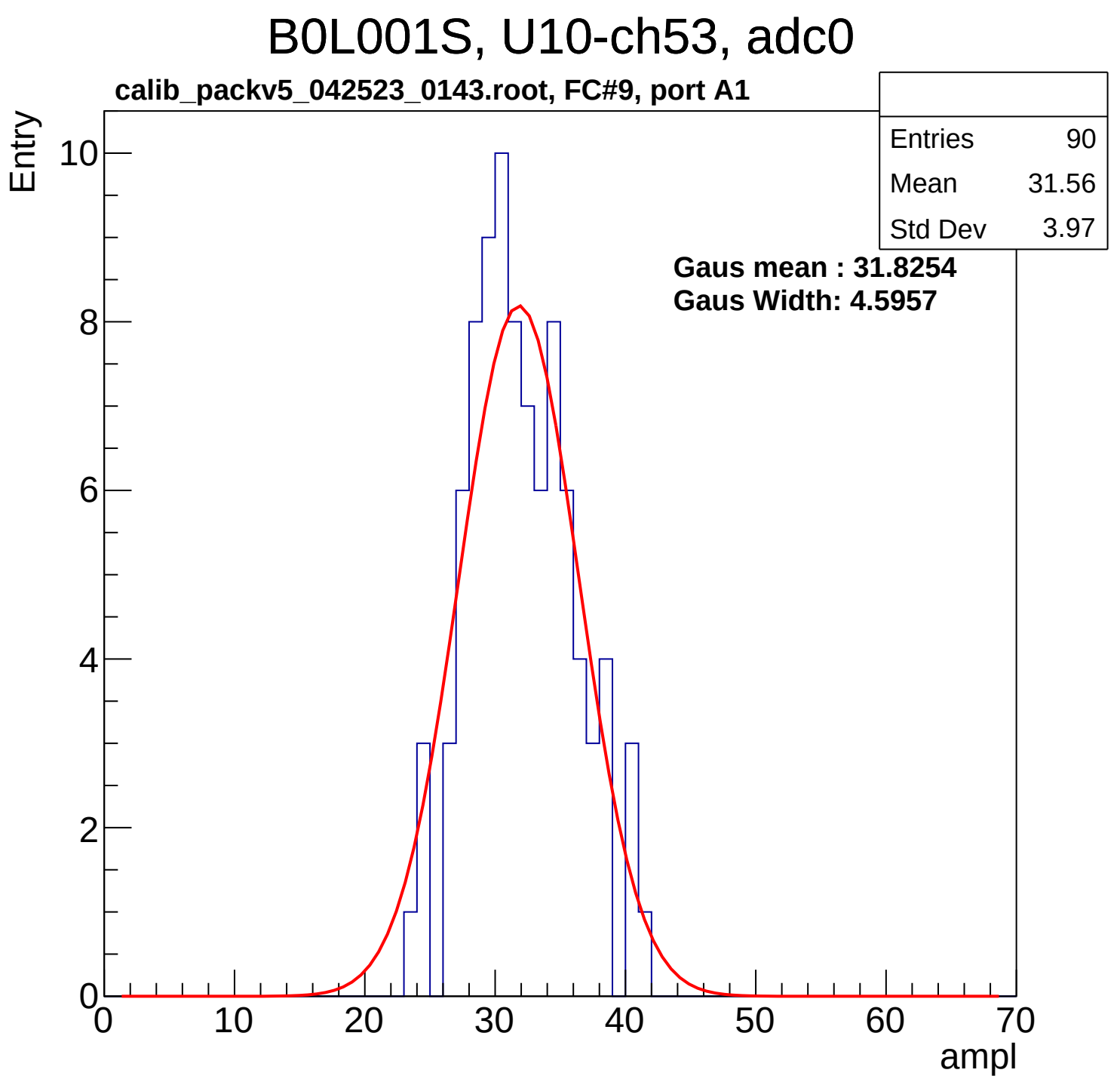
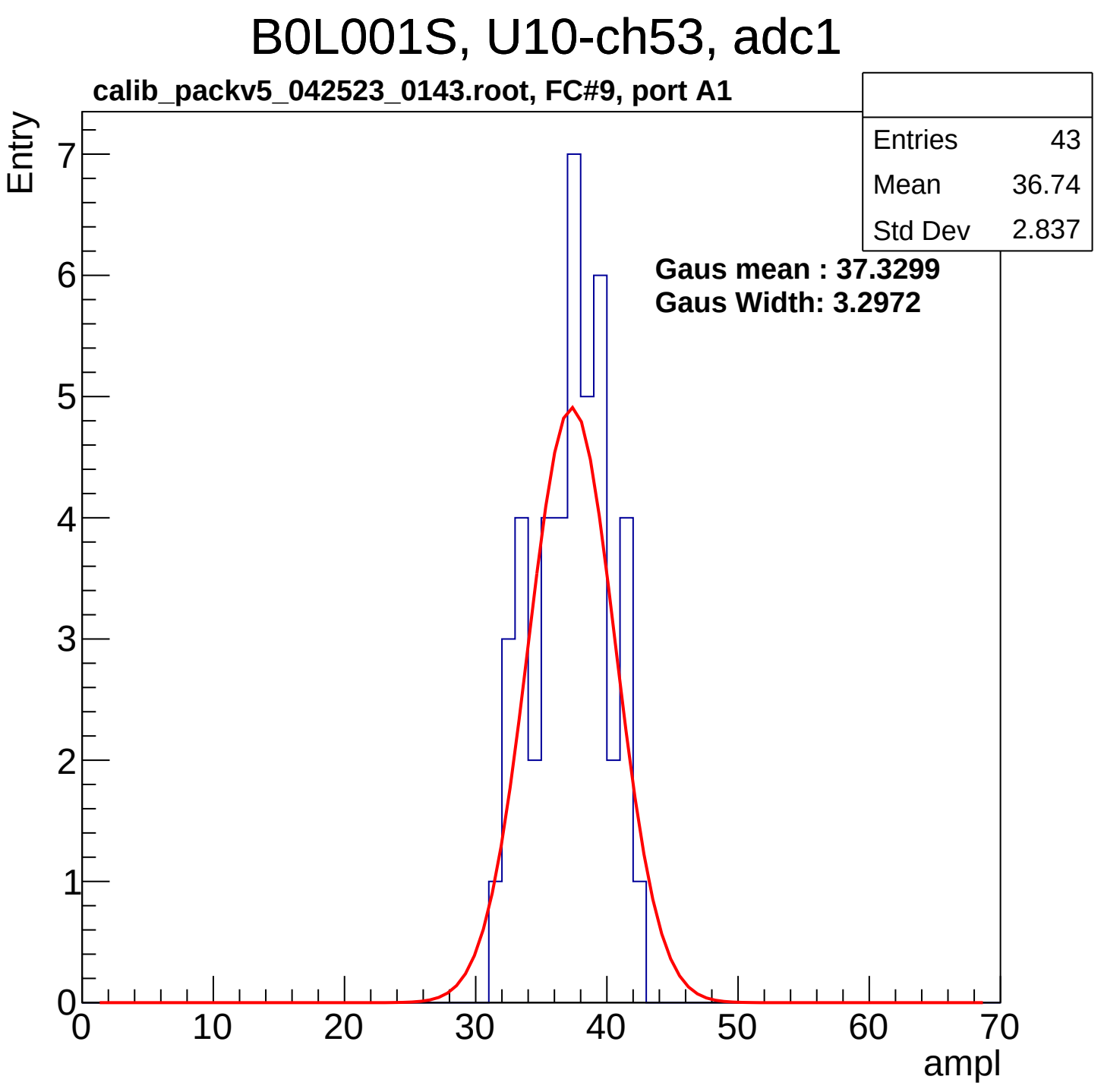
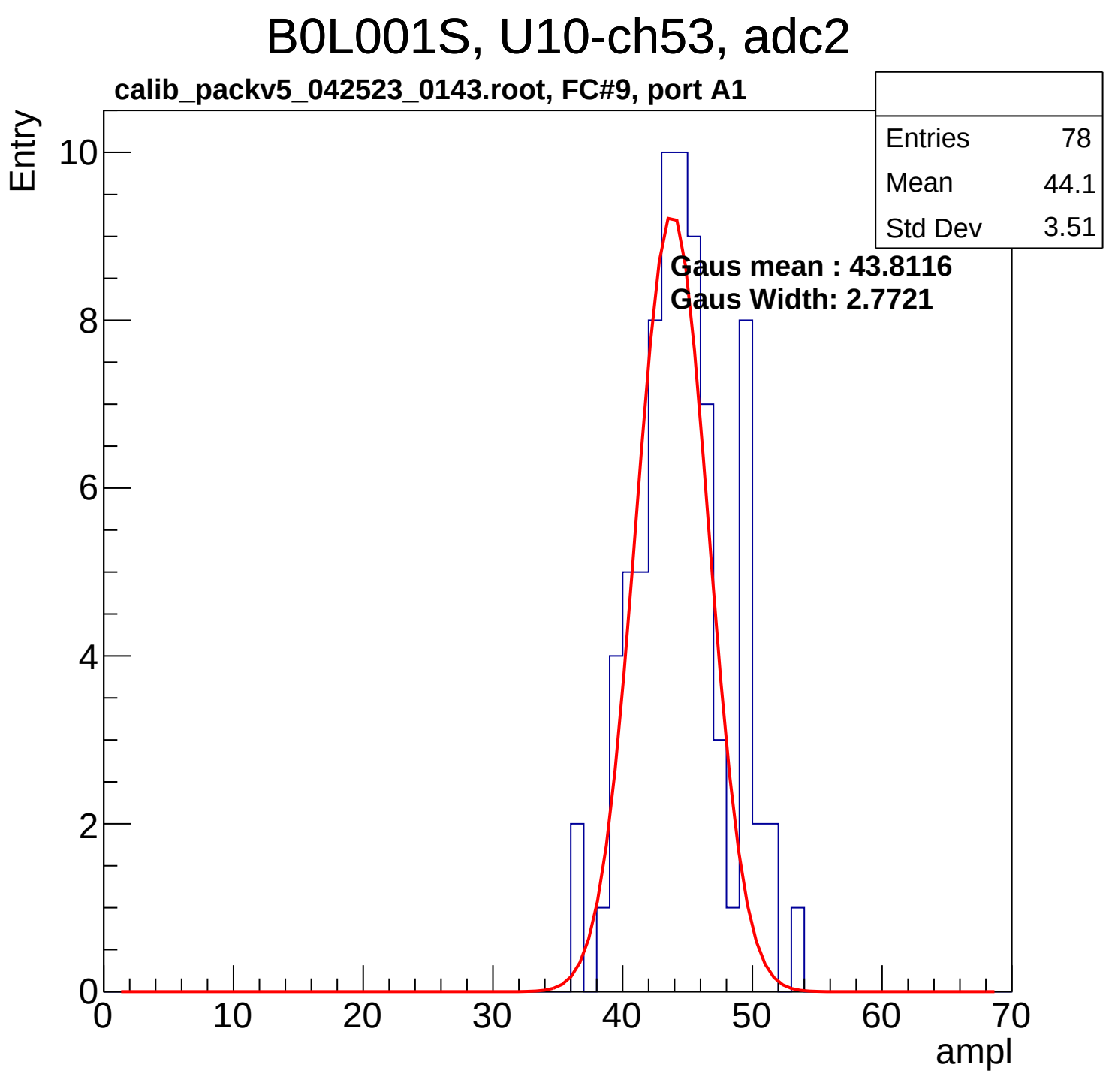
40
50
60
70


B0L001S, U10-ch52, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.67
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


B0L001S, U10-ch52, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U10-ch53, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 90
Mean 31.56
Std Dev 3.97
Gaus mean : 31.8254
Gaus Width: 4.5957
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch53, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 36.74
Std Dev 2.837
Gaus mean : 37.3299
Gaus Width: 3.2972
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch53, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 44.1
Std Dev 3.51
Gaus mean : 43.8116
Gaus Width: 2.7721
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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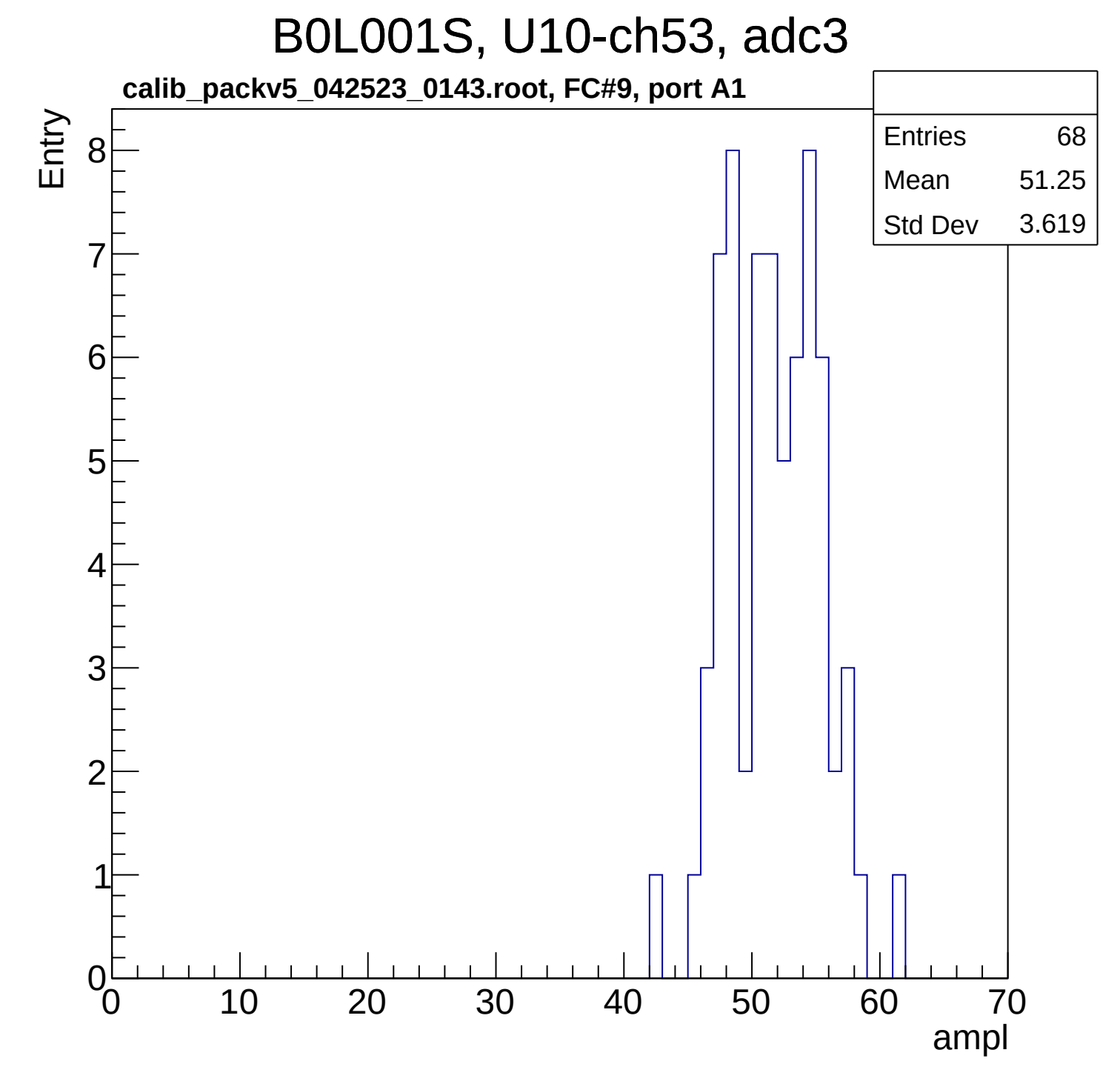
B0L001S, U10-ch53, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 51.25
Std Dev 3.619
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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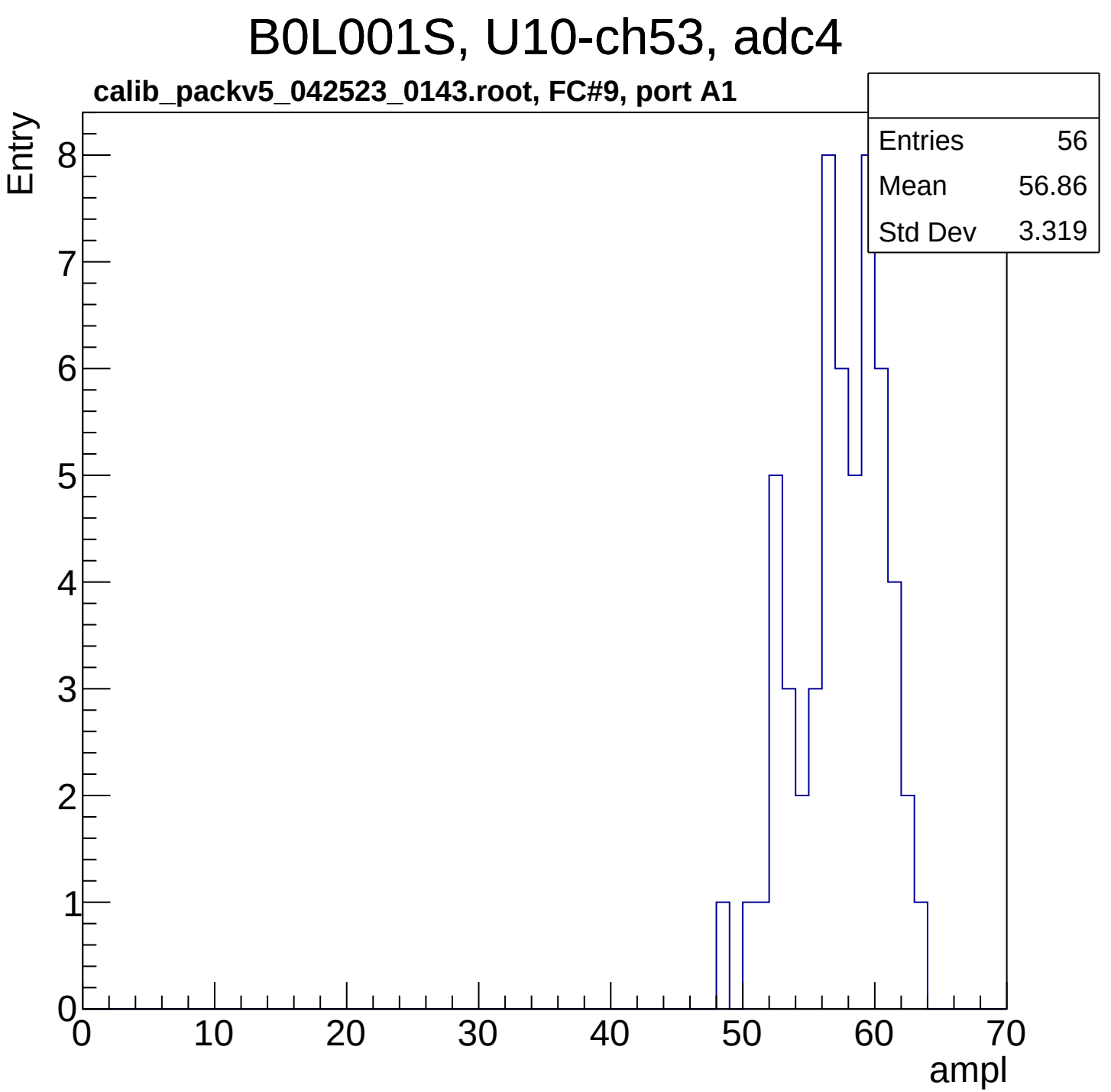
40
50
60
70


B0L001S, U10-ch53, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 56.86
Std Dev 3.319
Entry
ampl
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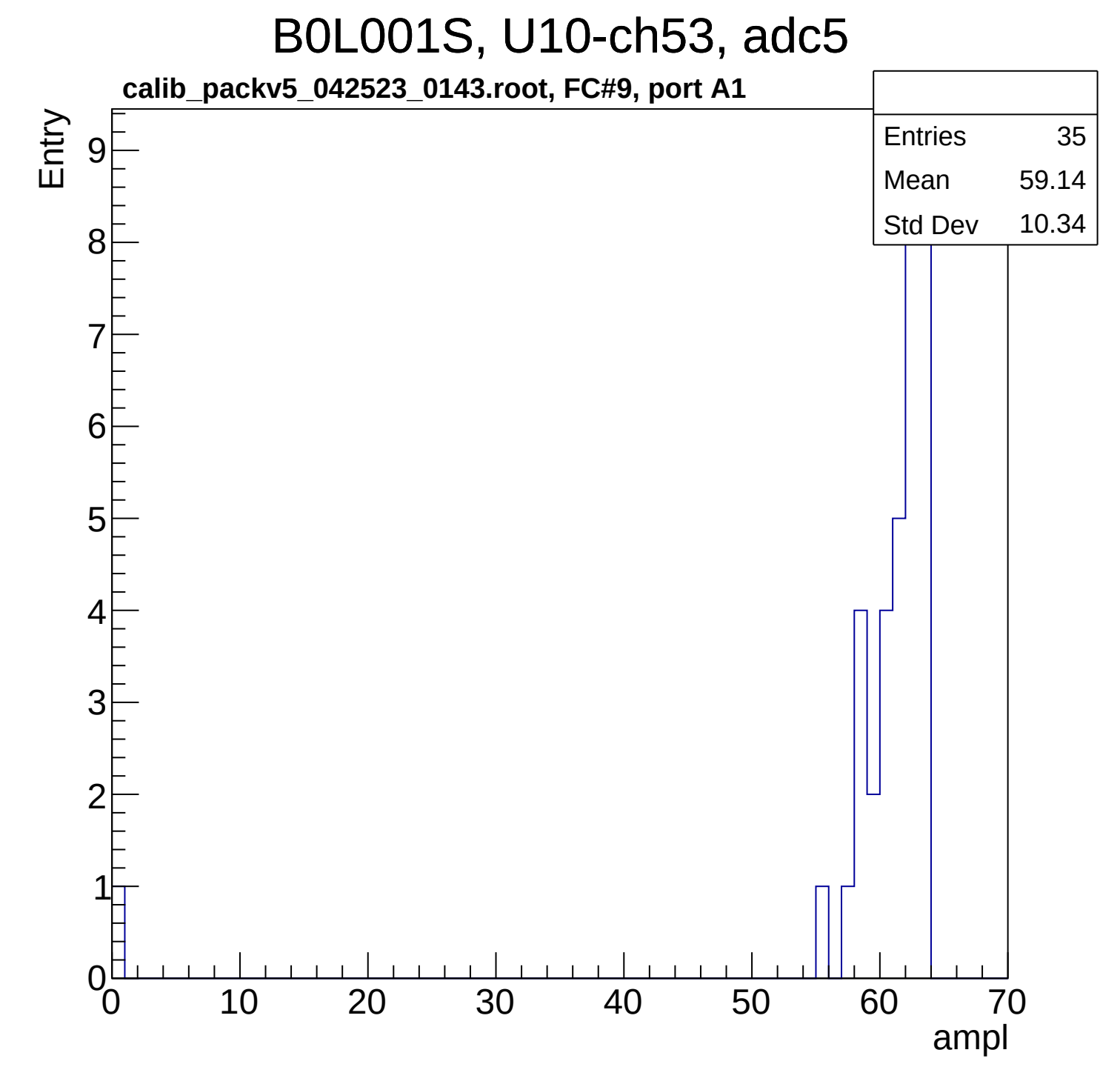
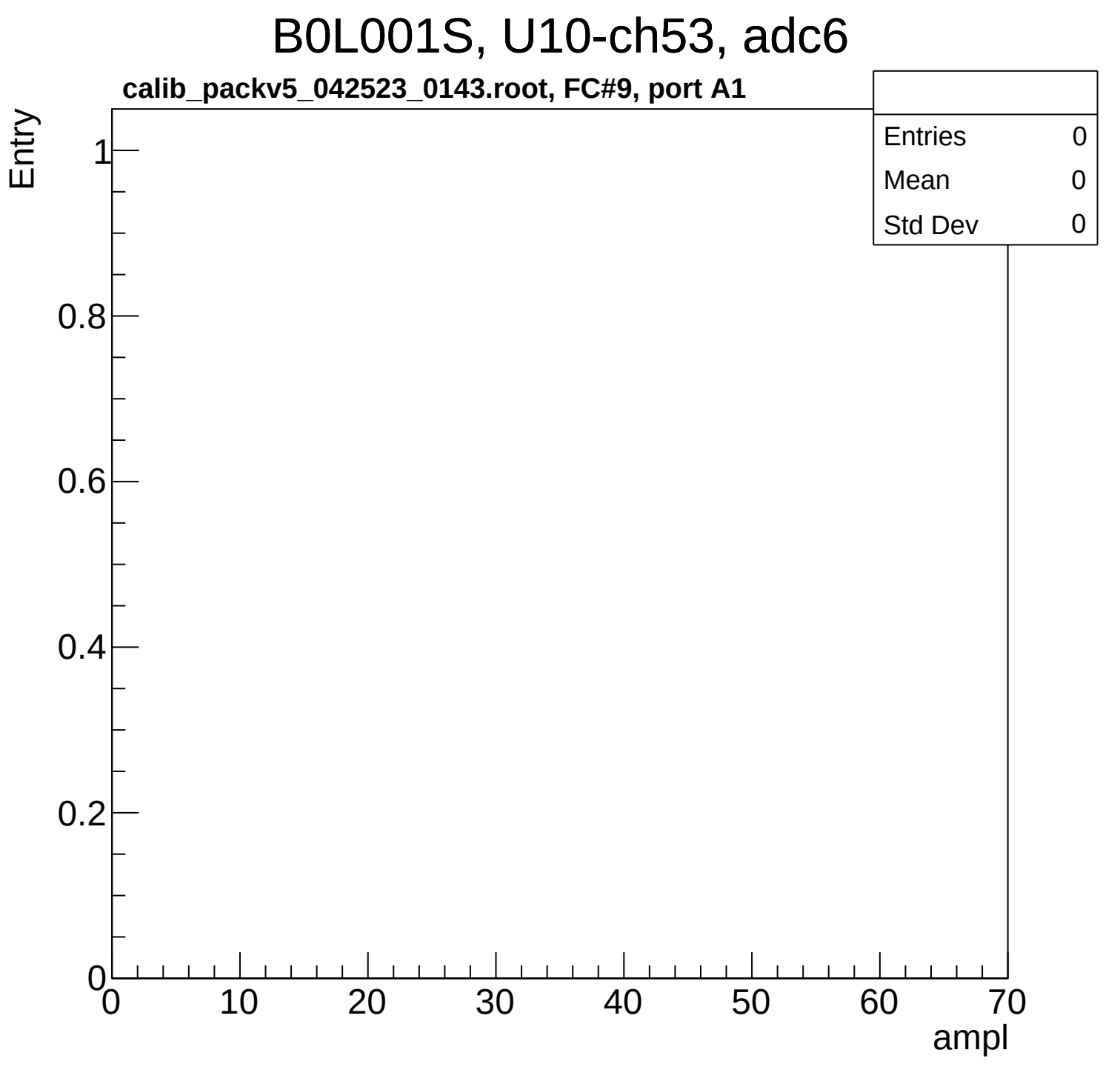
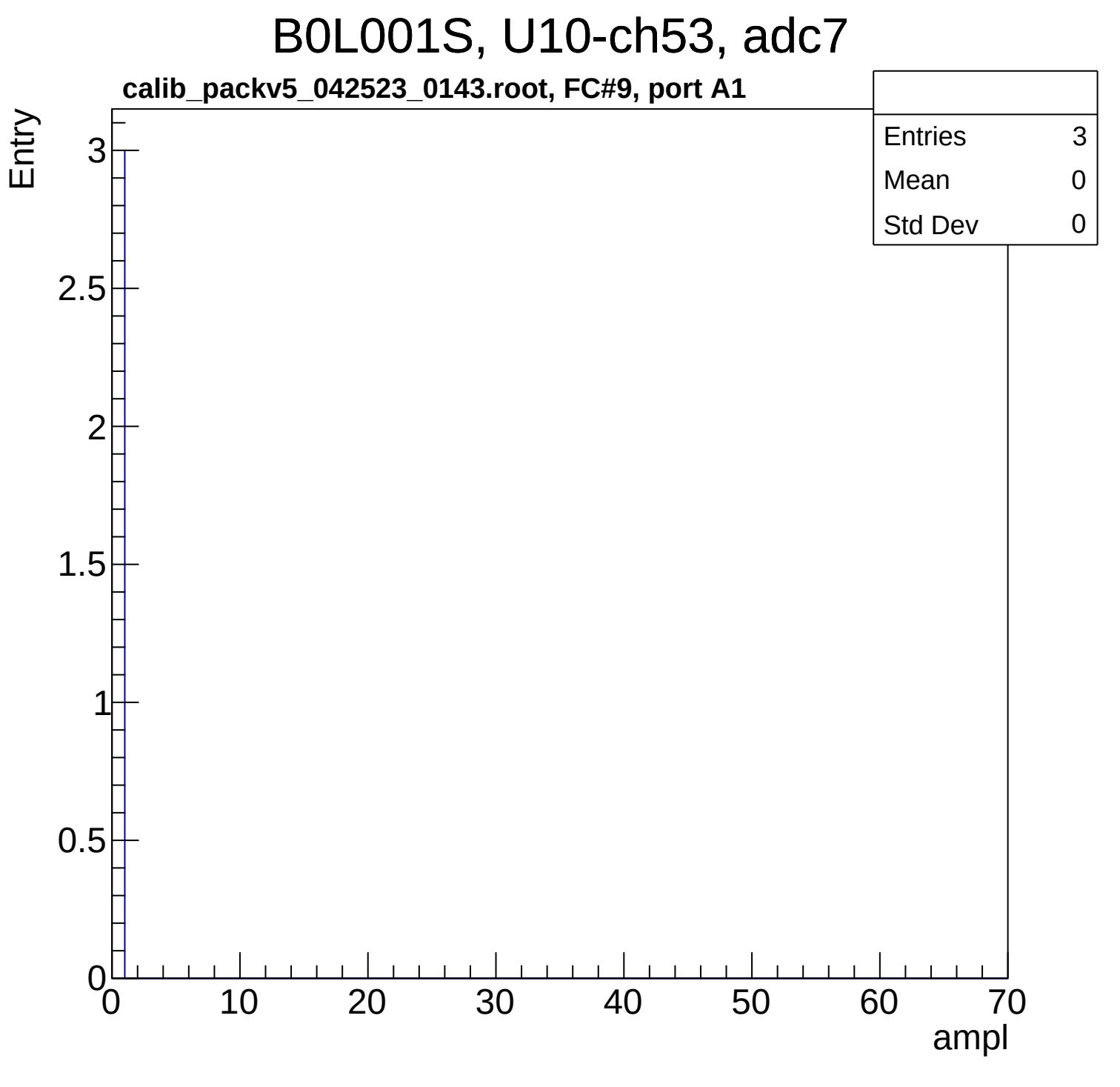
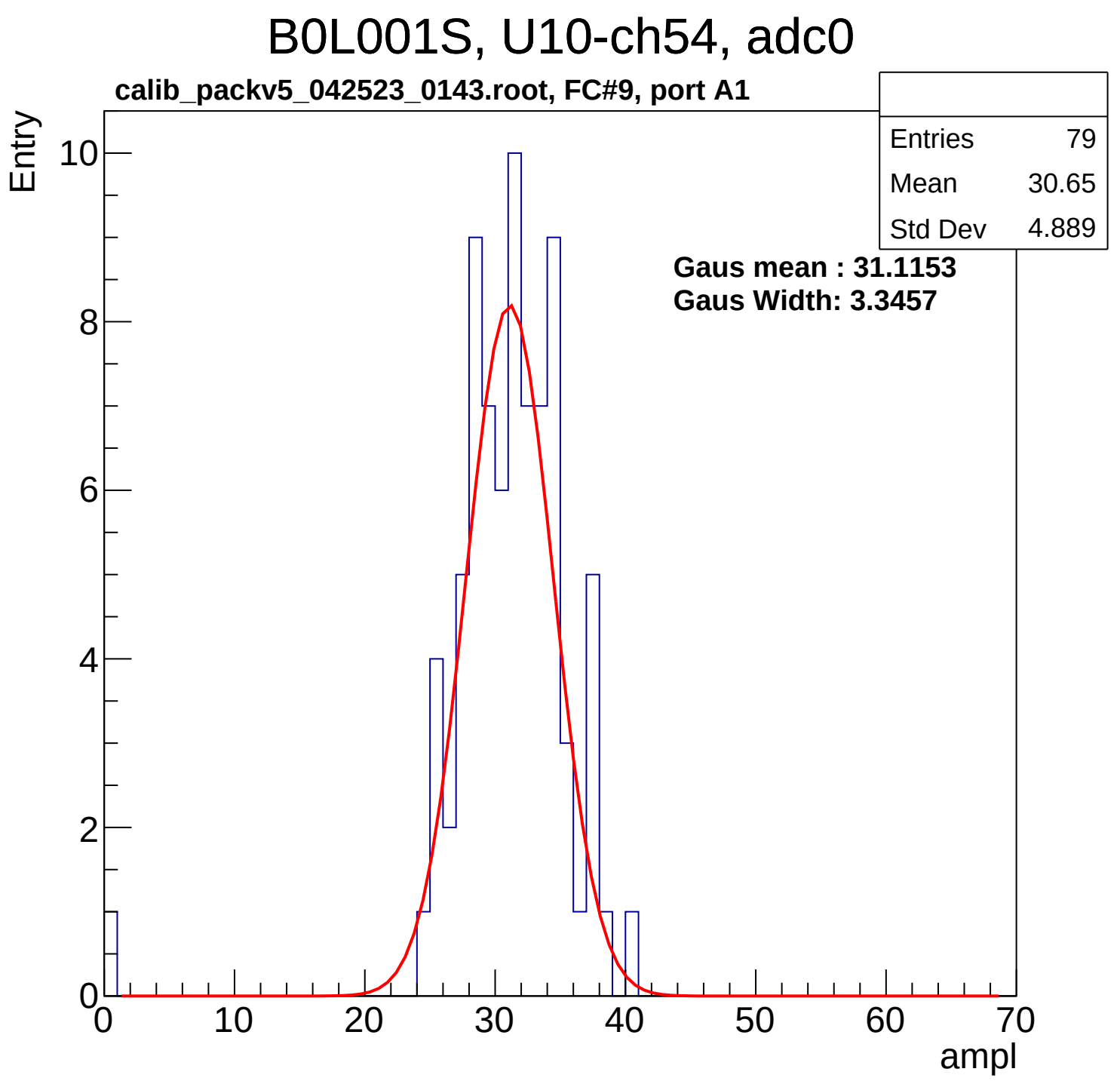
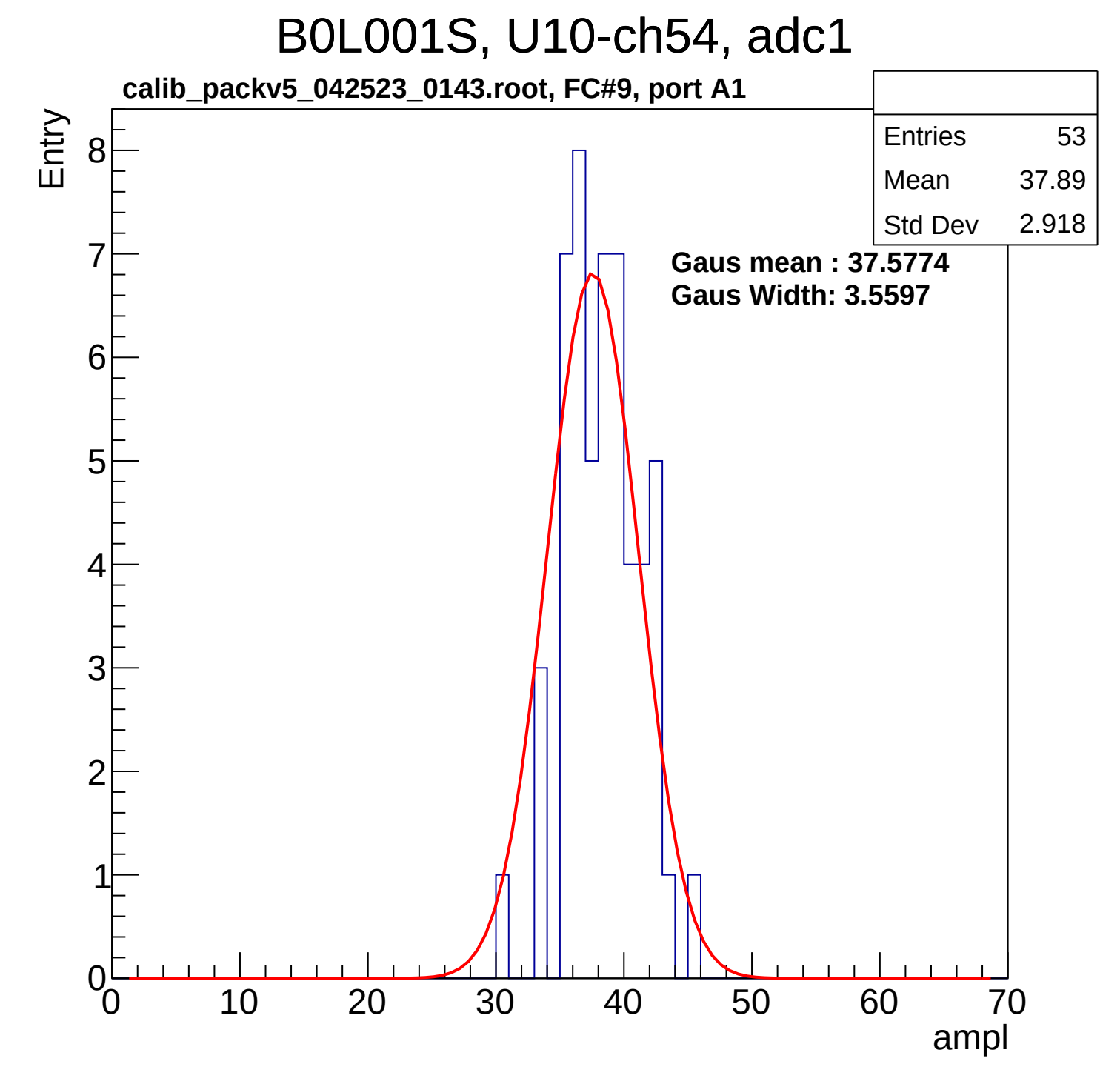
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

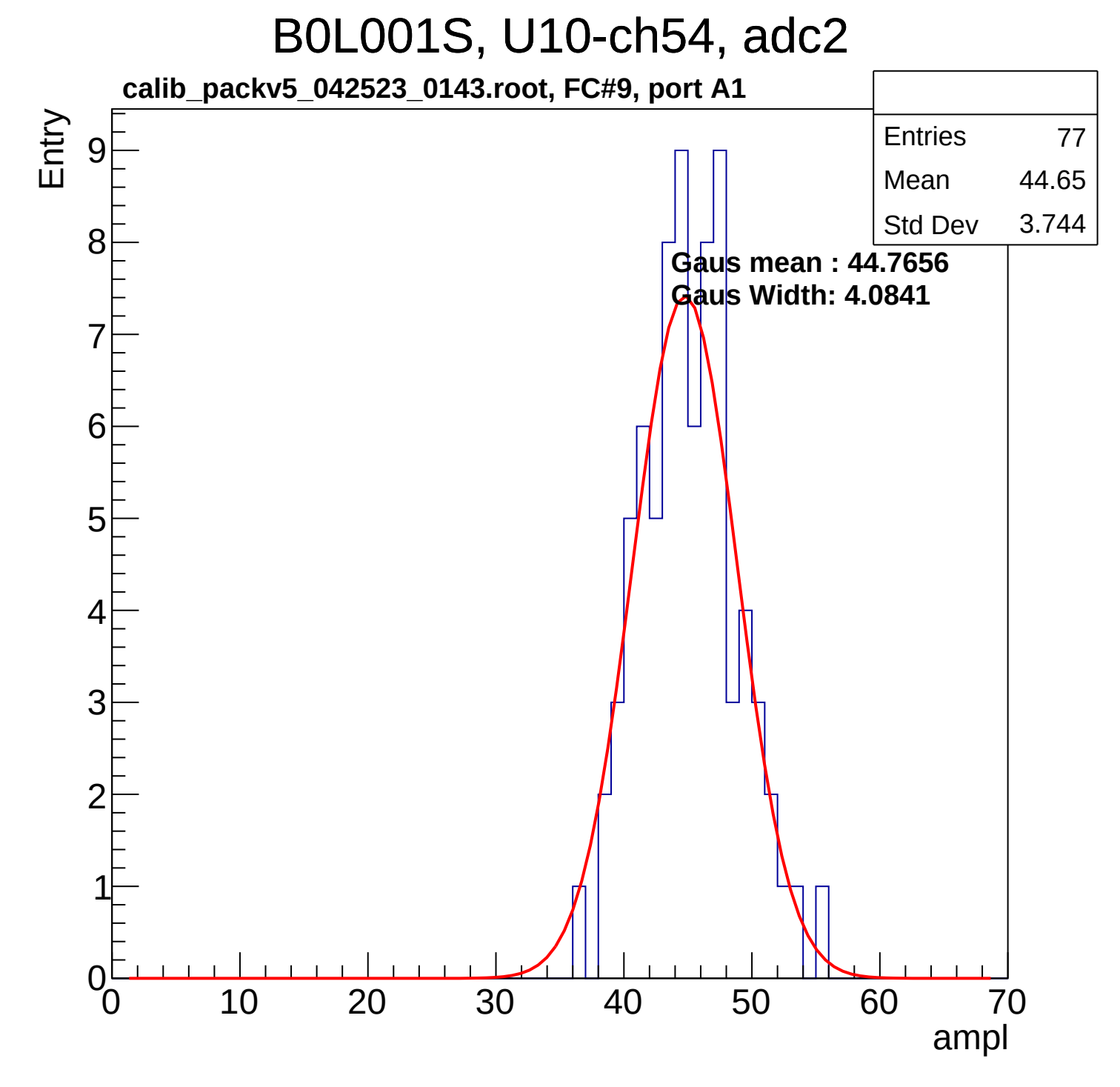

B0L001S, U10-ch53, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 59.14
Std Dev 10.34
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch53, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch53, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch54, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 30.65
Std Dev 4.889
Gaus mean : 31.1153
Gaus Width: 3.3457
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch54, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 37.89
Std Dev 2.918
Gaus mean : 37.5774
Gaus Width: 3.5597
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch54, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 44.65
Std Dev 3.744
Gaus mean : 44.7656
Gaus Width: 4.0841
Entry
ampl
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3
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0
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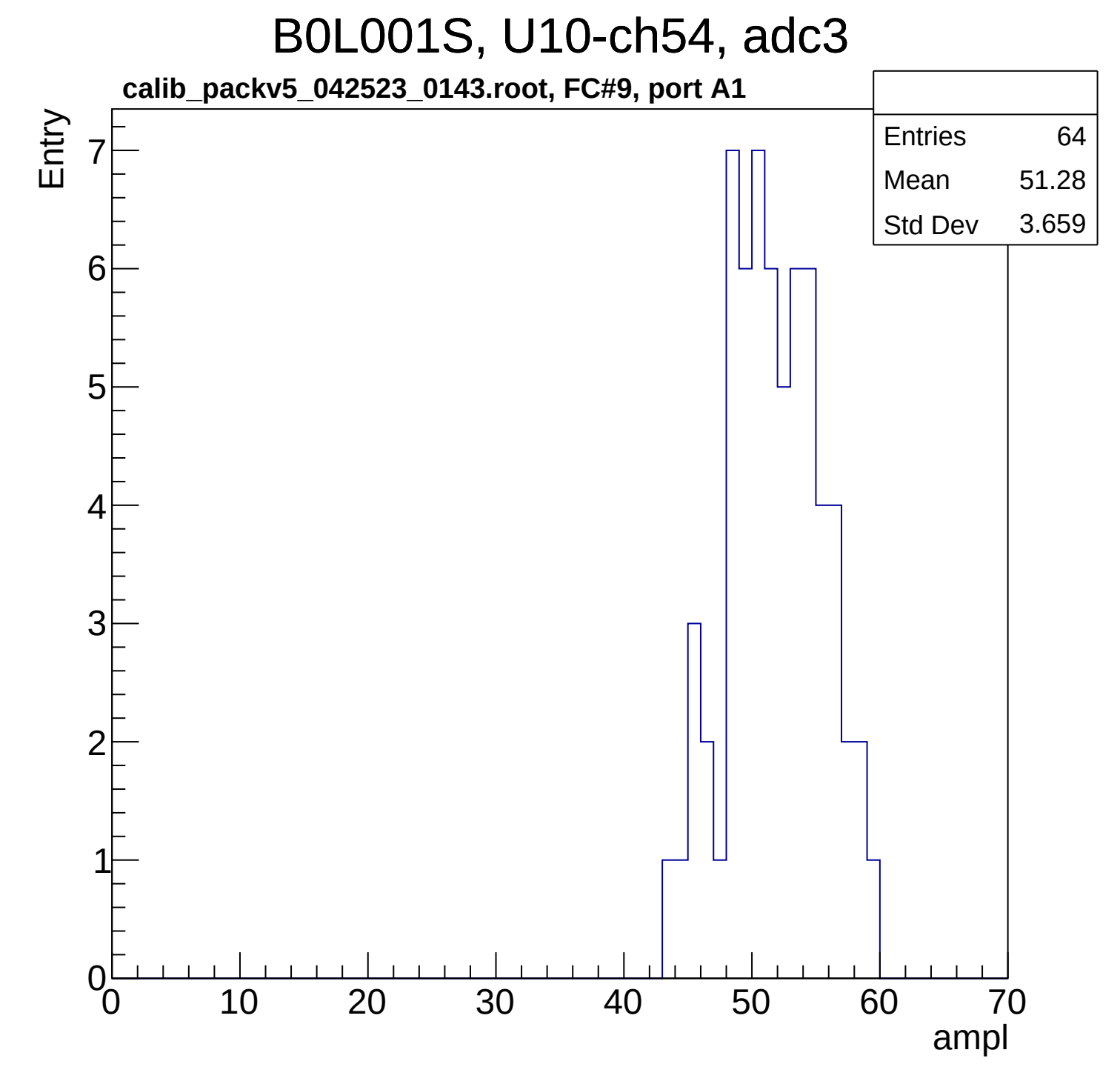
B0L001S, U10-ch54, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 51.28
Std Dev 3.659
Entry
ampl
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4
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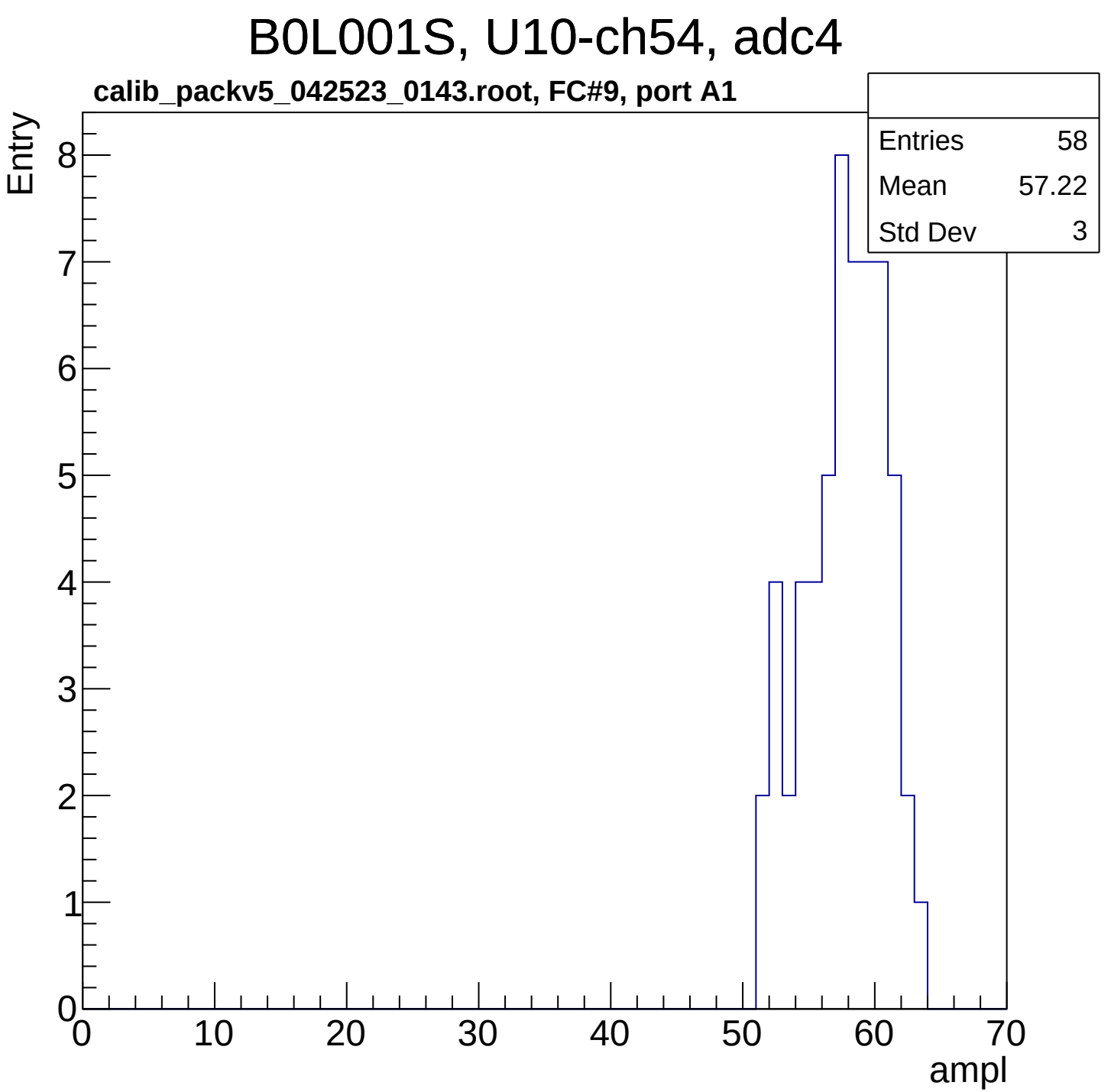
B0L001S, U10-ch54, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 57.22
Std Dev 3
Entry
ampl
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3
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5
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0
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40
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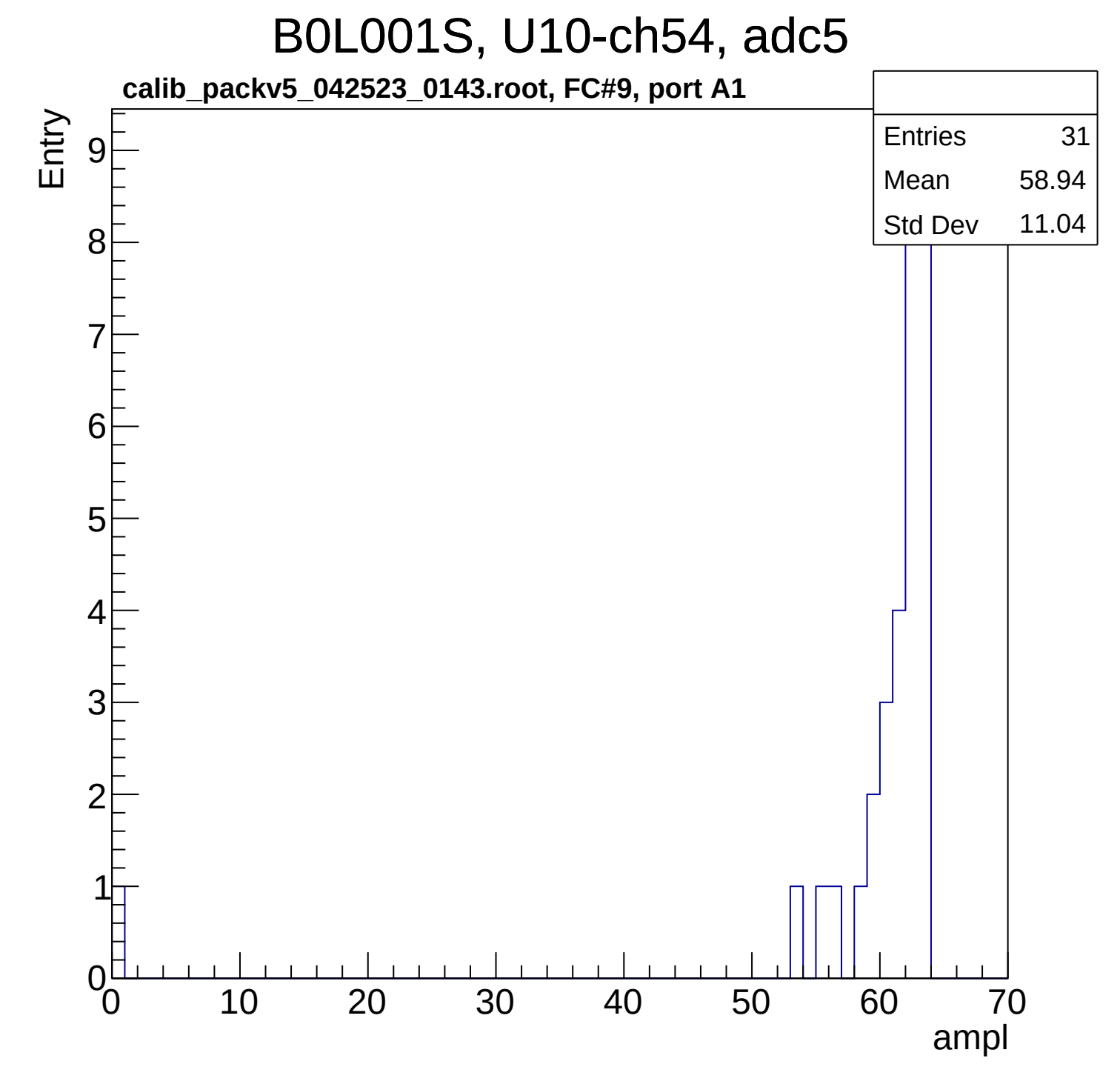
B0L001S, U10-ch54, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 58.94
Std Dev 11.04
Entry
ampl
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2
3
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6
7
8
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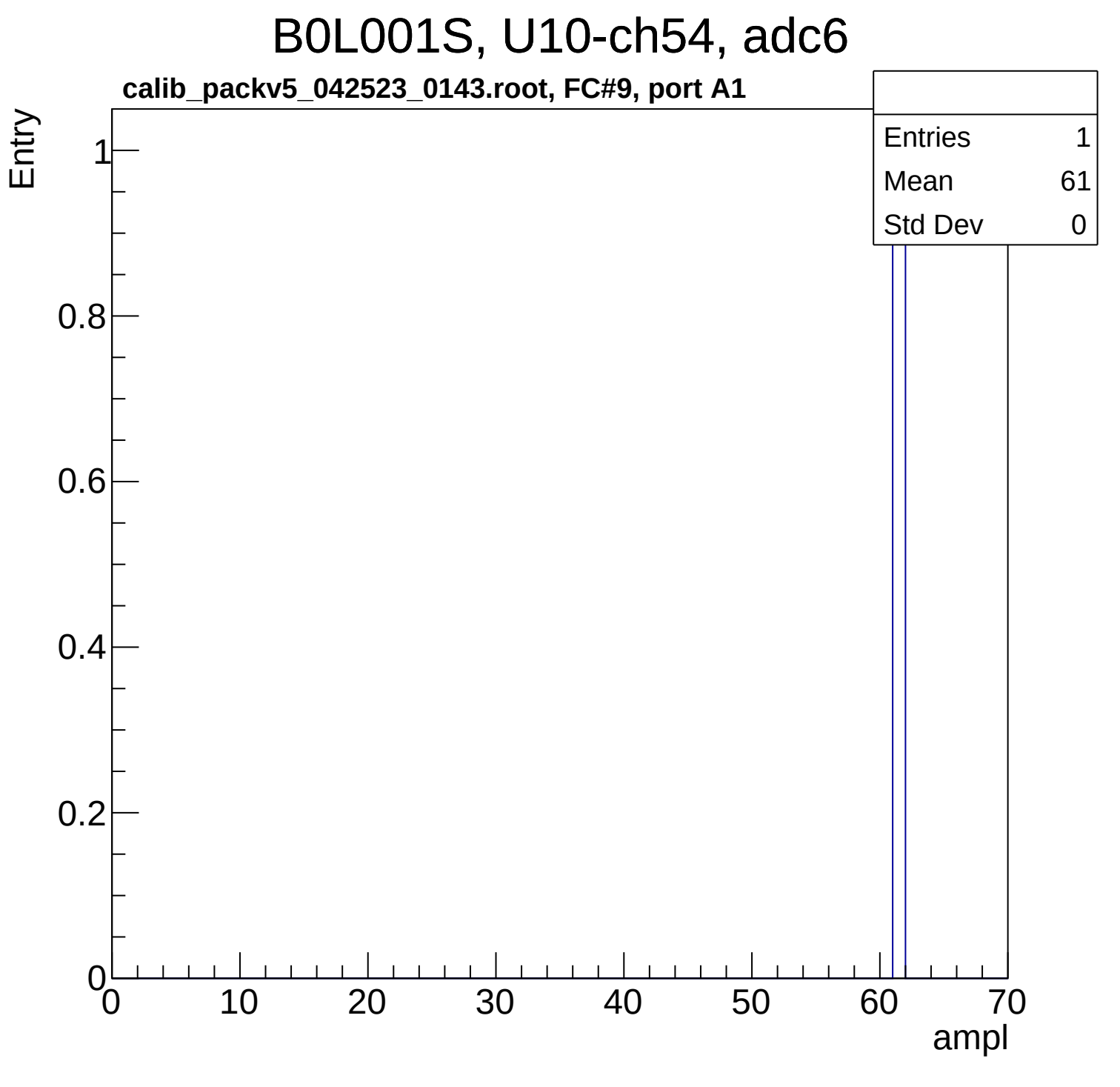
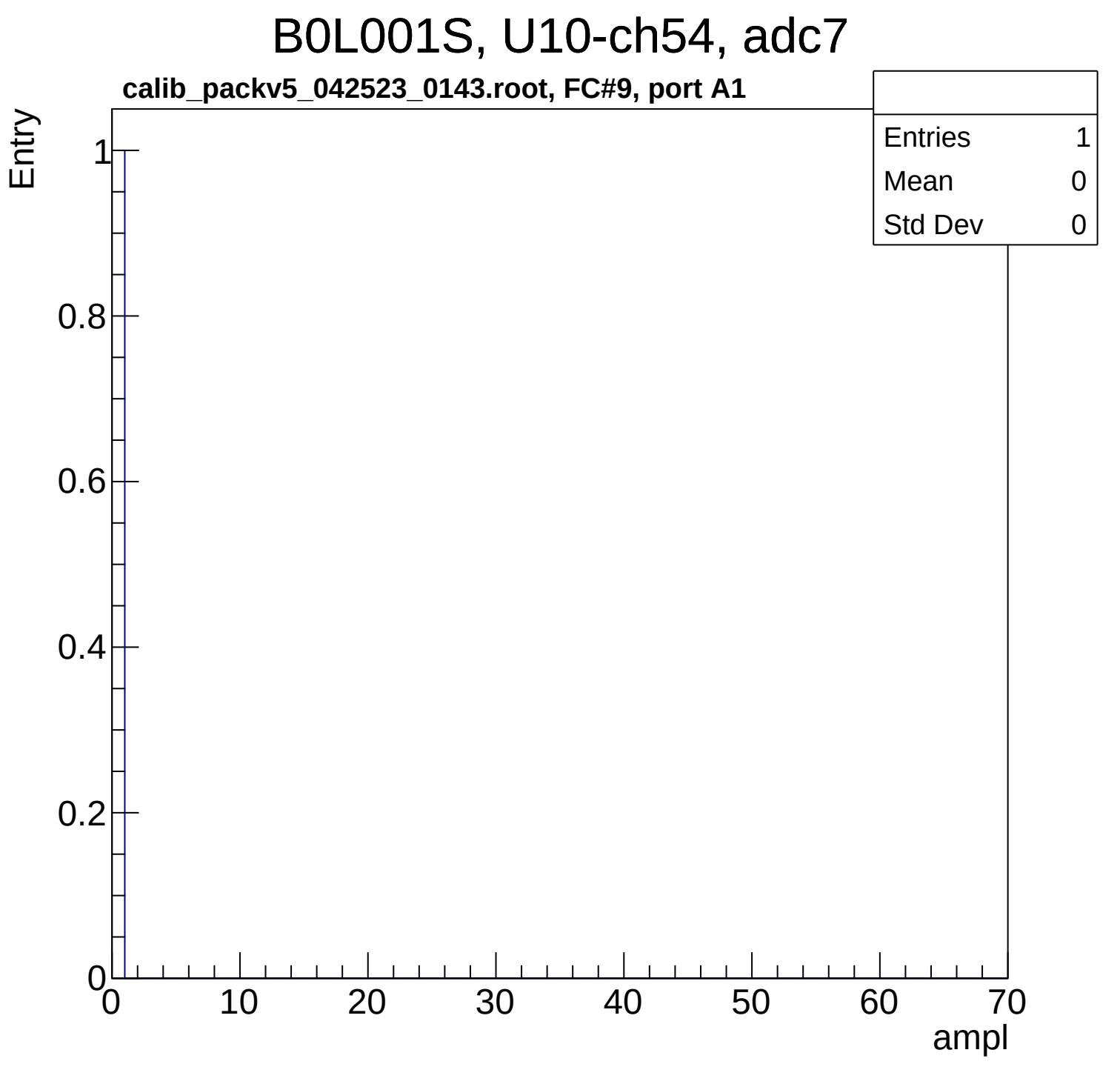
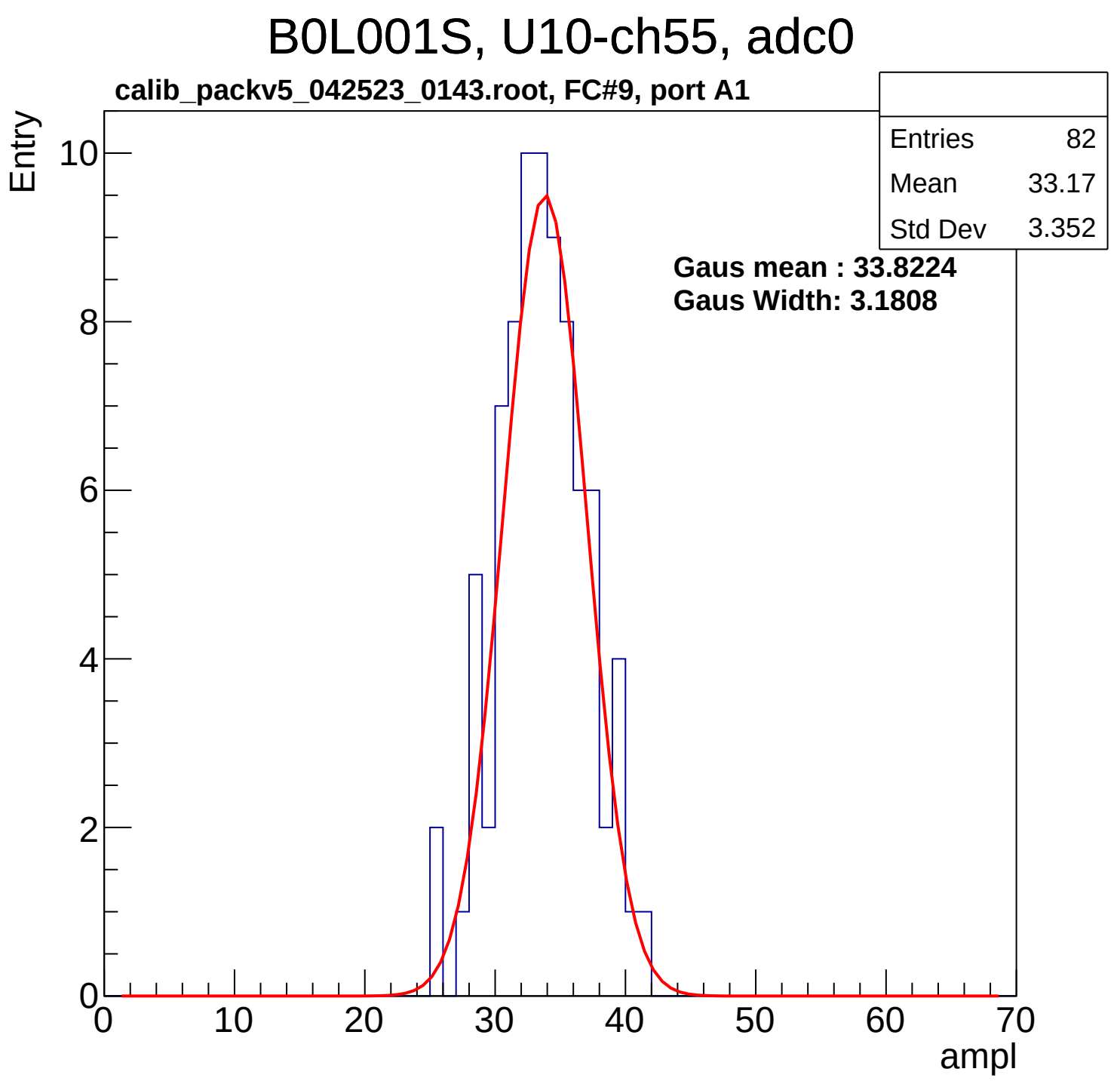
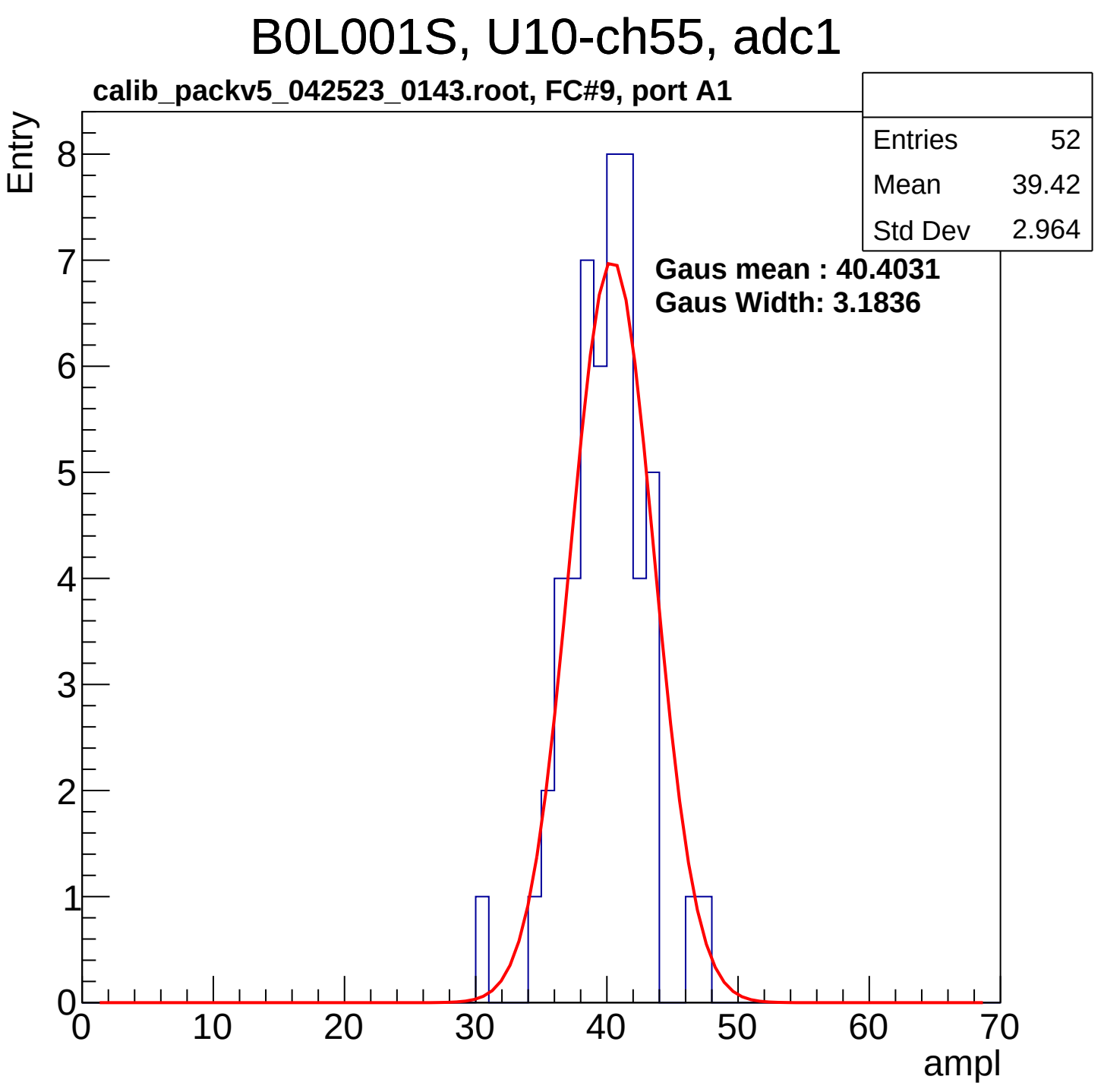

B0L001S, U10-ch54, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch54, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch55, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 33.17
Std Dev 3.352
Gaus mean : 33.8224
Gaus Width: 3.1808
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch55, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 39.42
Std Dev 2.964
Gaus mean : 40.4031
Gaus Width: 3.1836
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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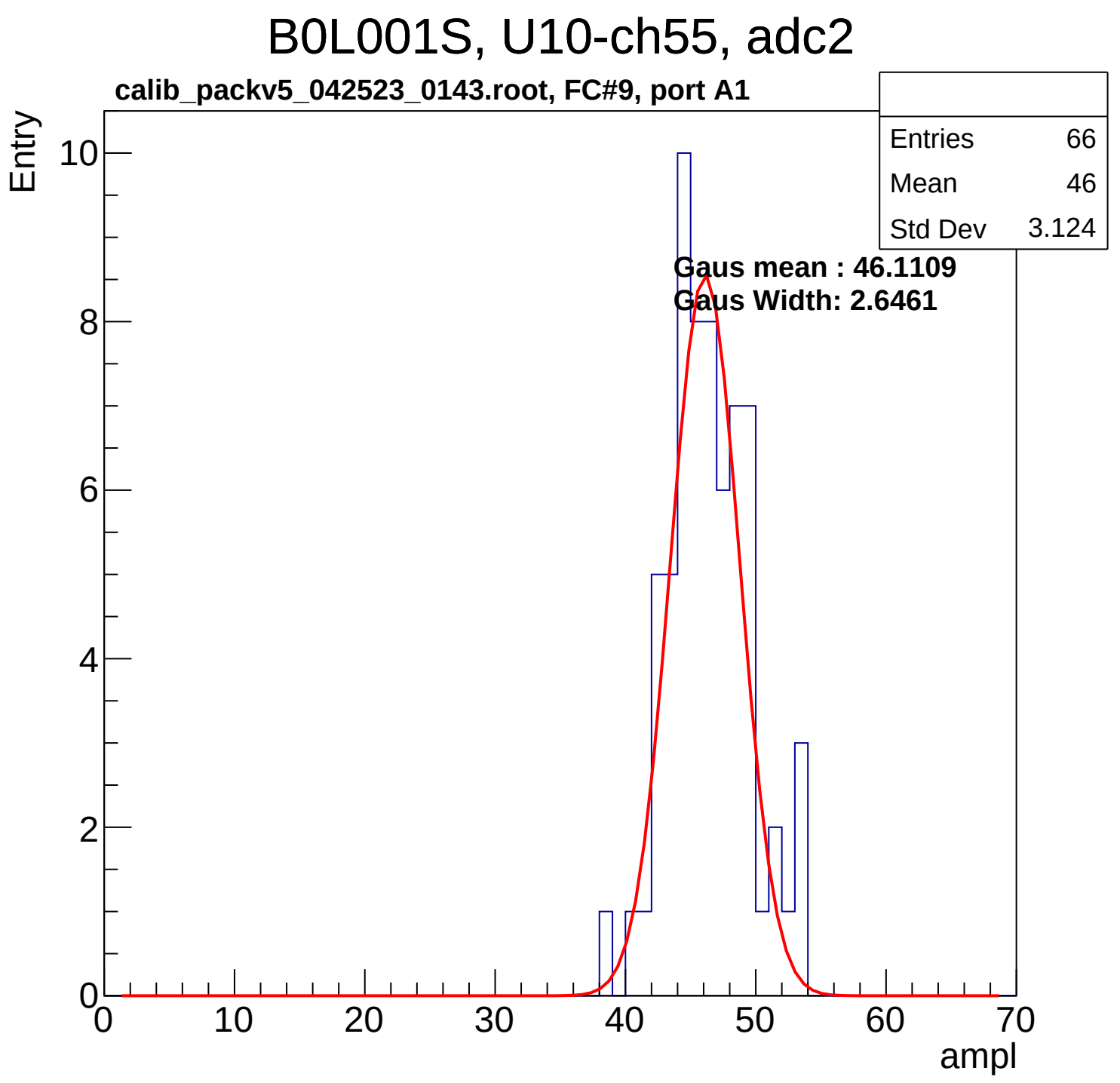
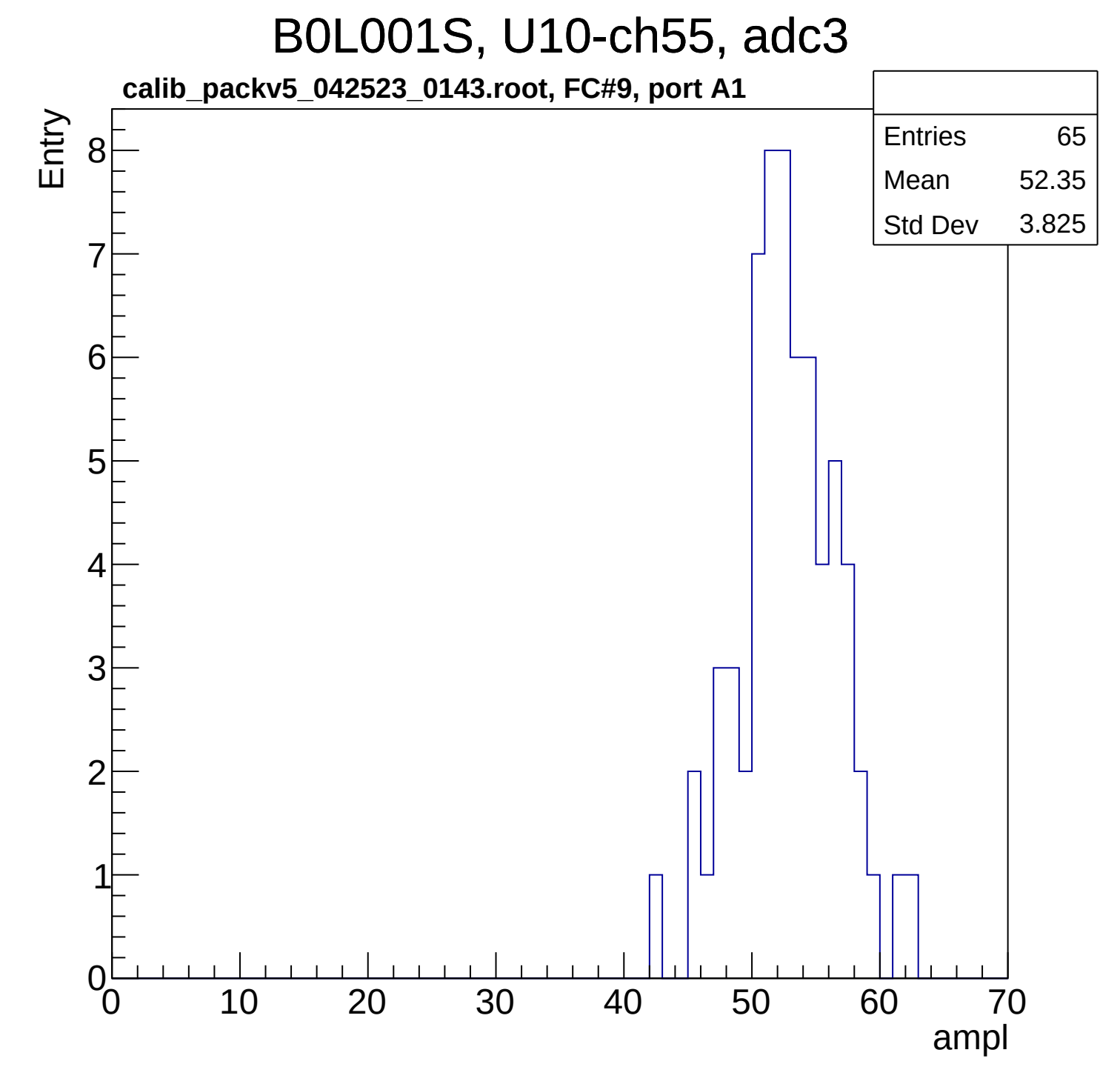

B0L001S, U10-ch55, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 46
Std Dev 3.124
Gaus mean : 46.1109
Gaus Width: 2.6461
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch55, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 52.35
Std Dev 3.825
Entry
ampl
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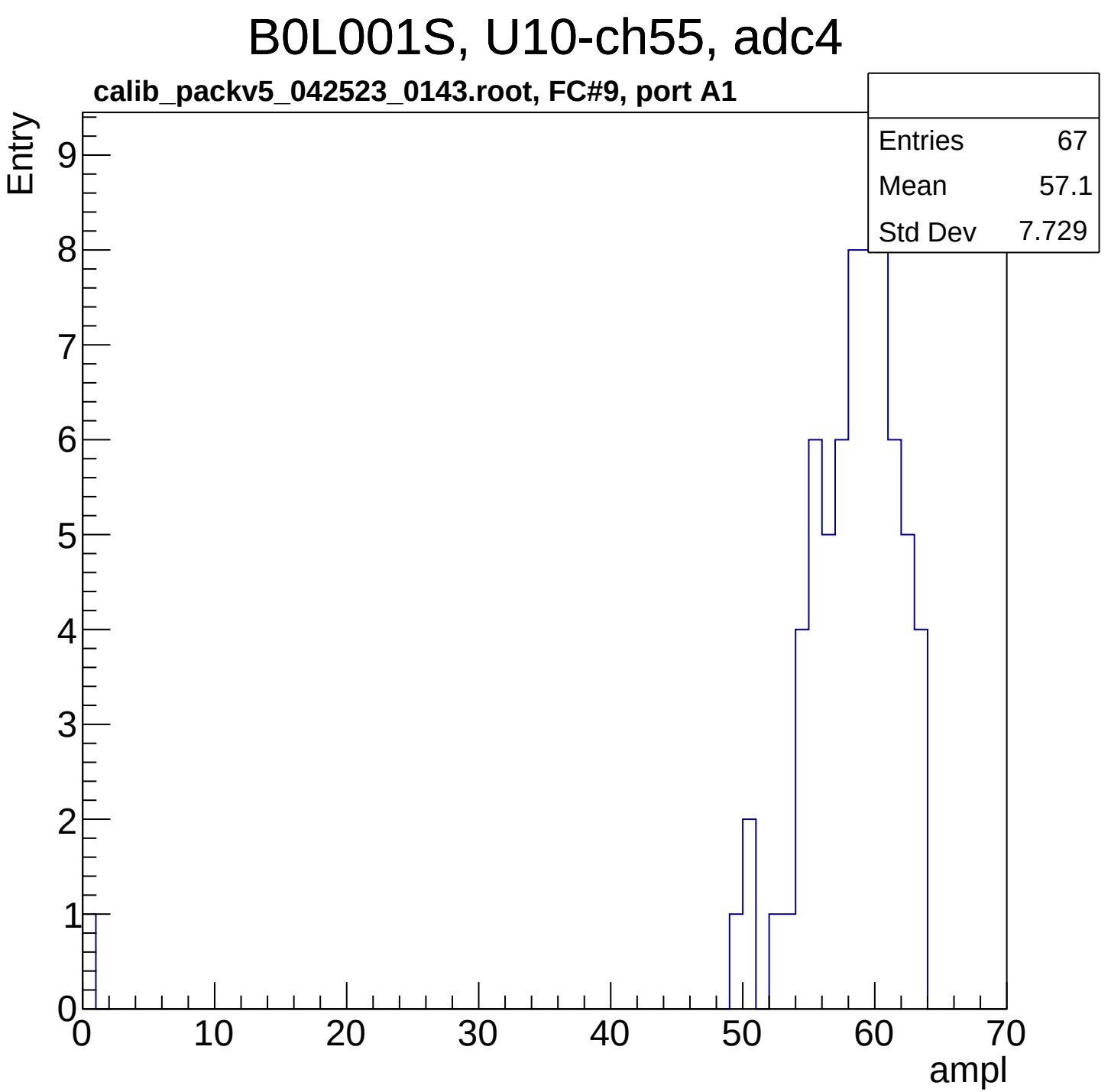
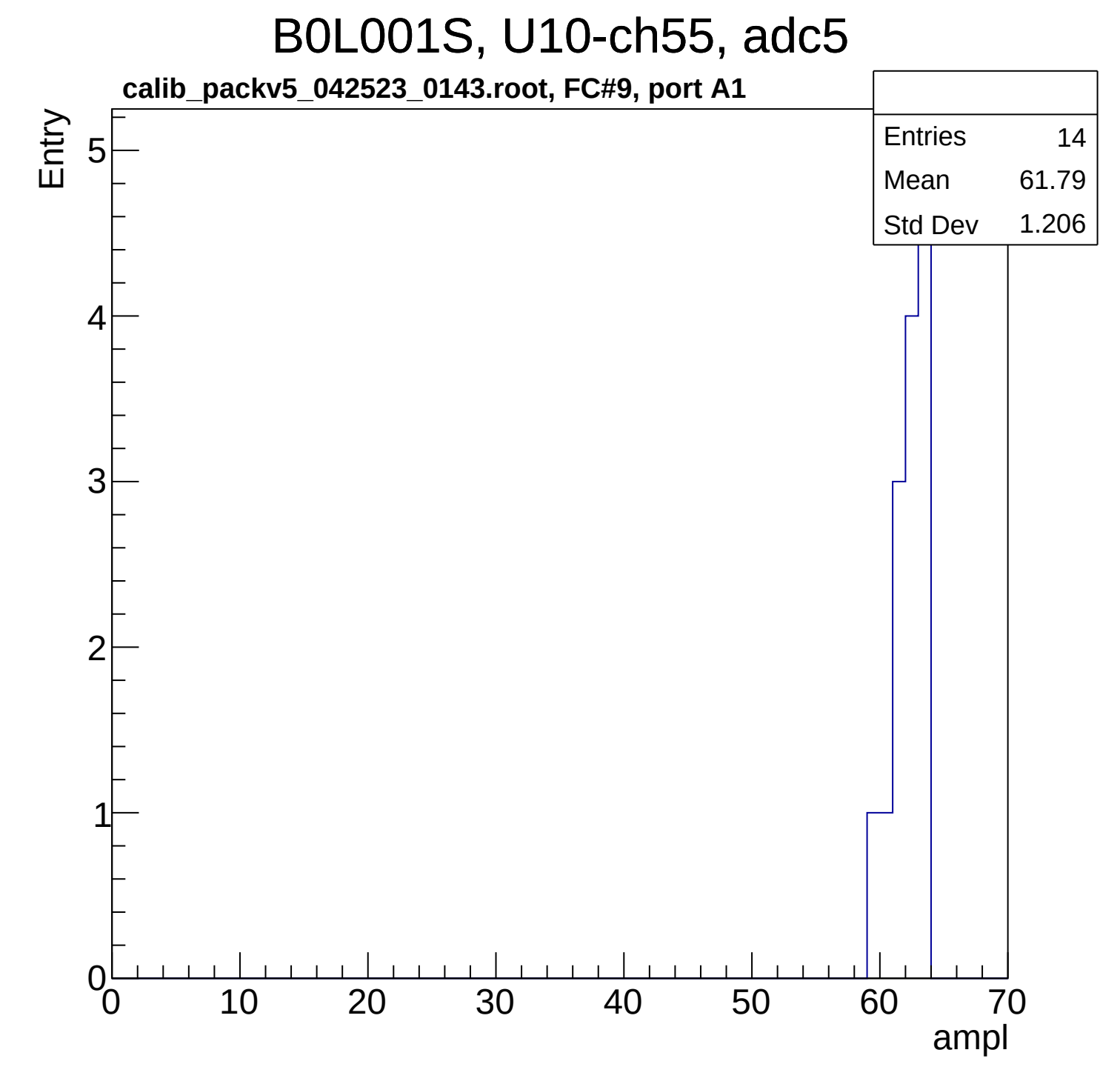
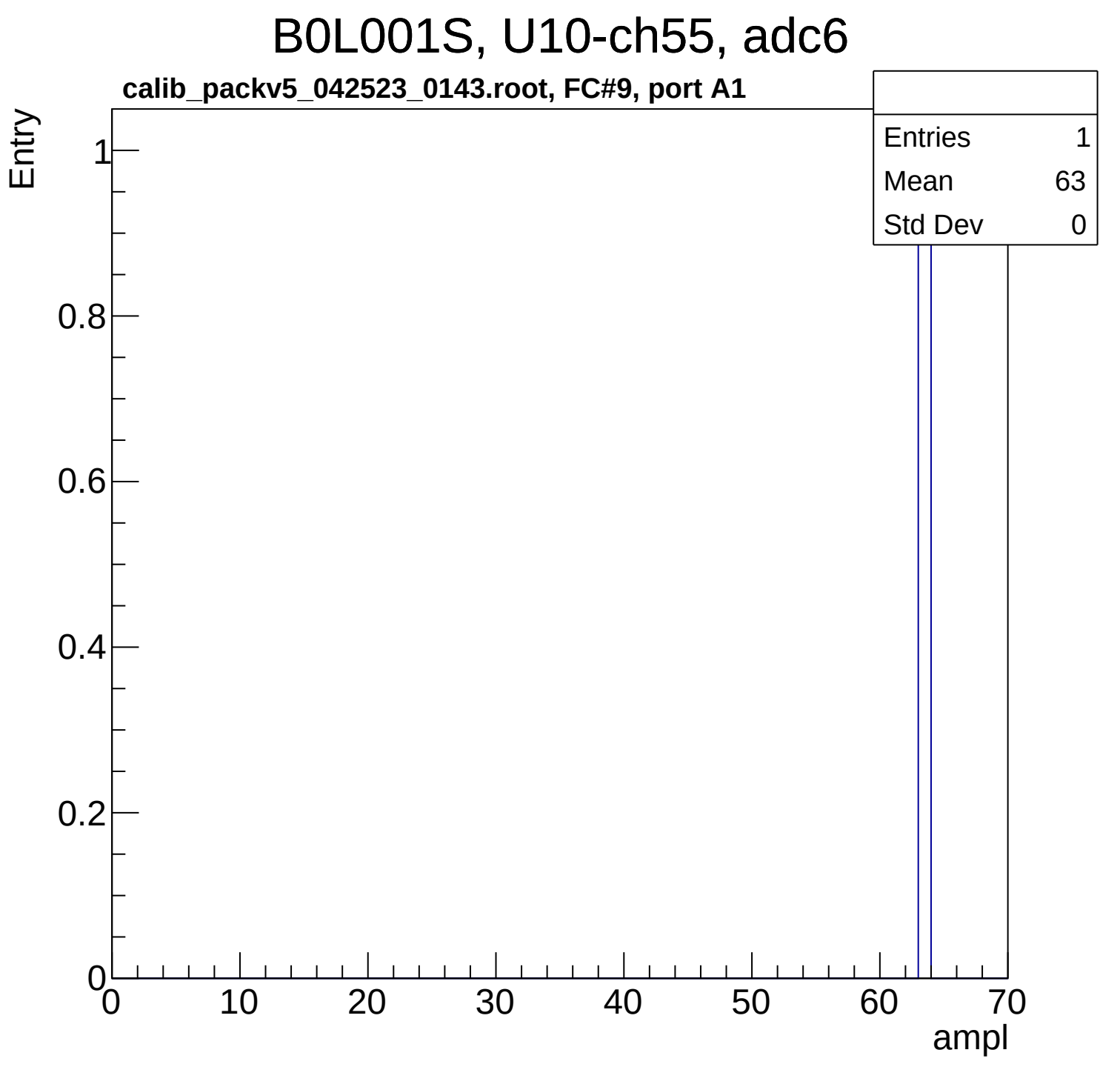
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch55, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 57.1
Std Dev 7.729
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch55, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 14
Mean 61.79
Std Dev 1.206
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch55, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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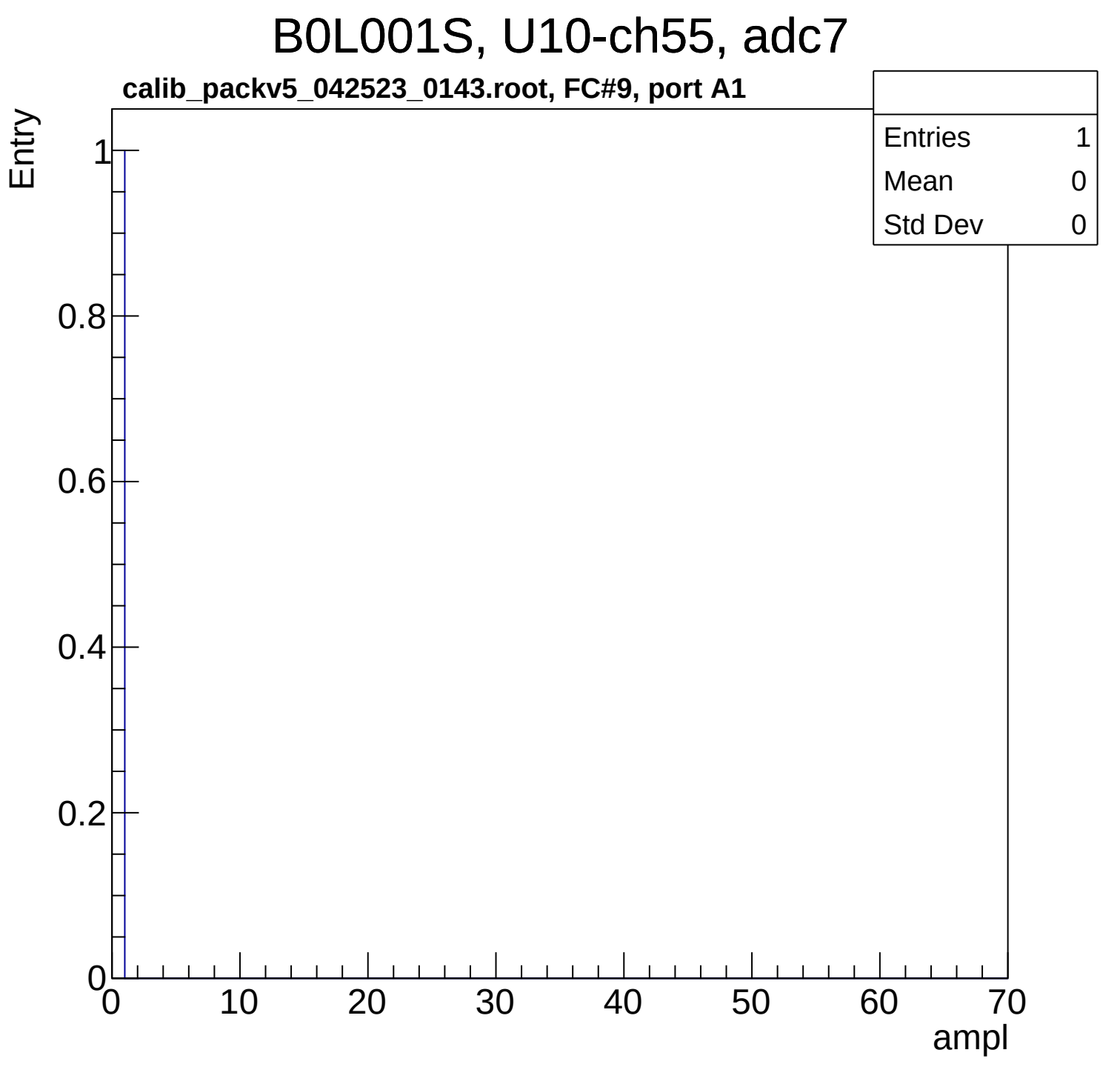
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch55, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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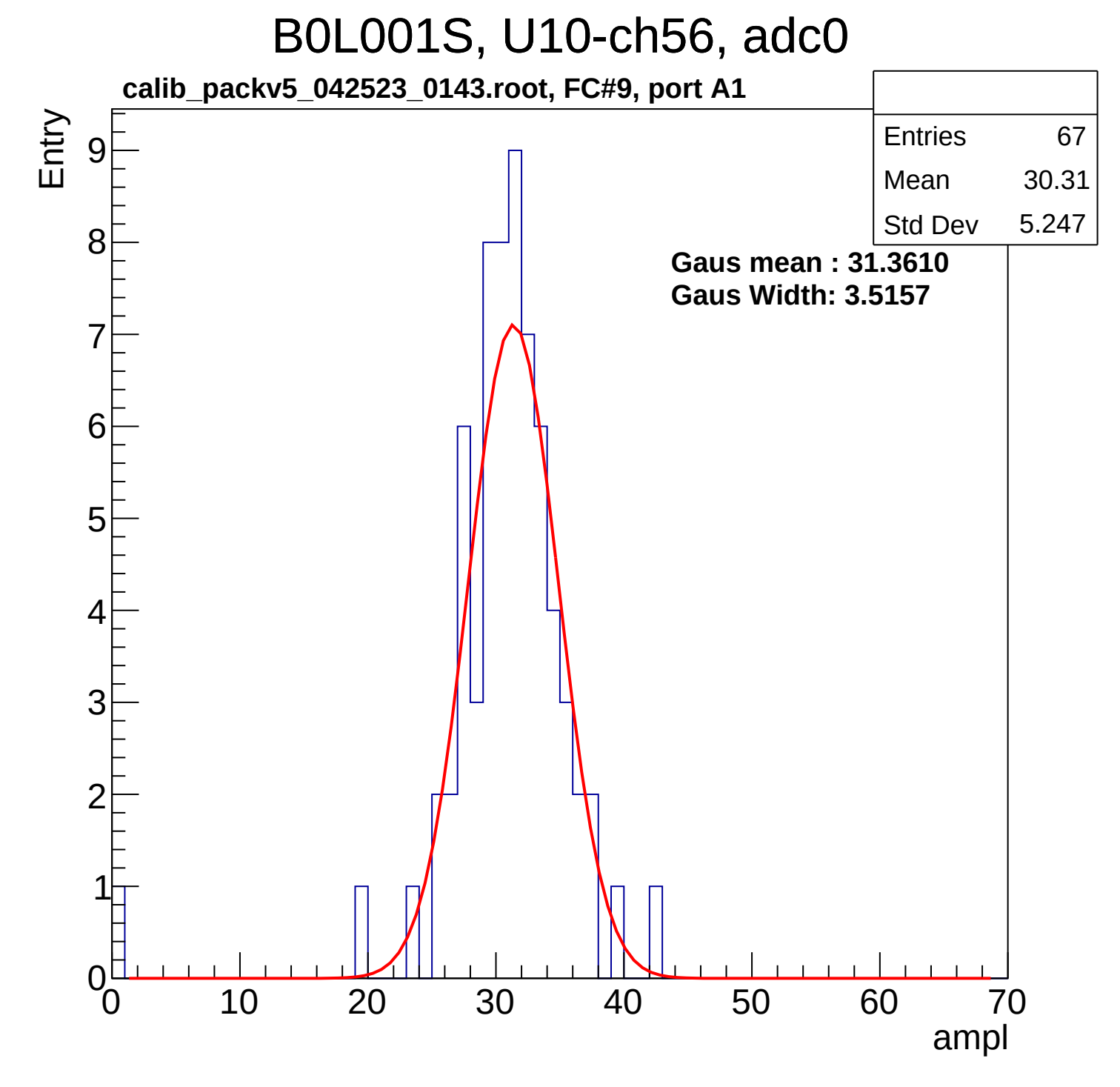
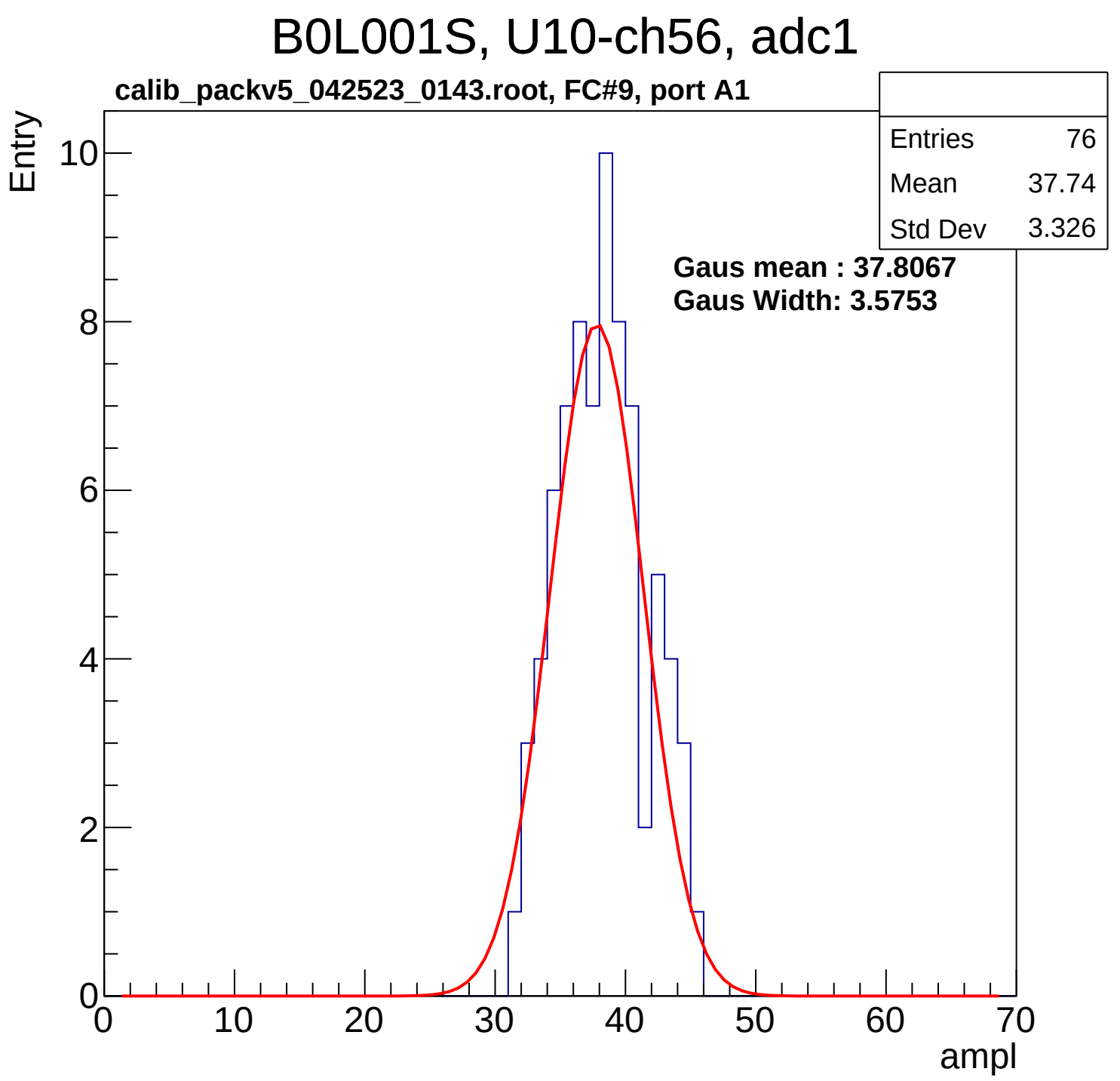
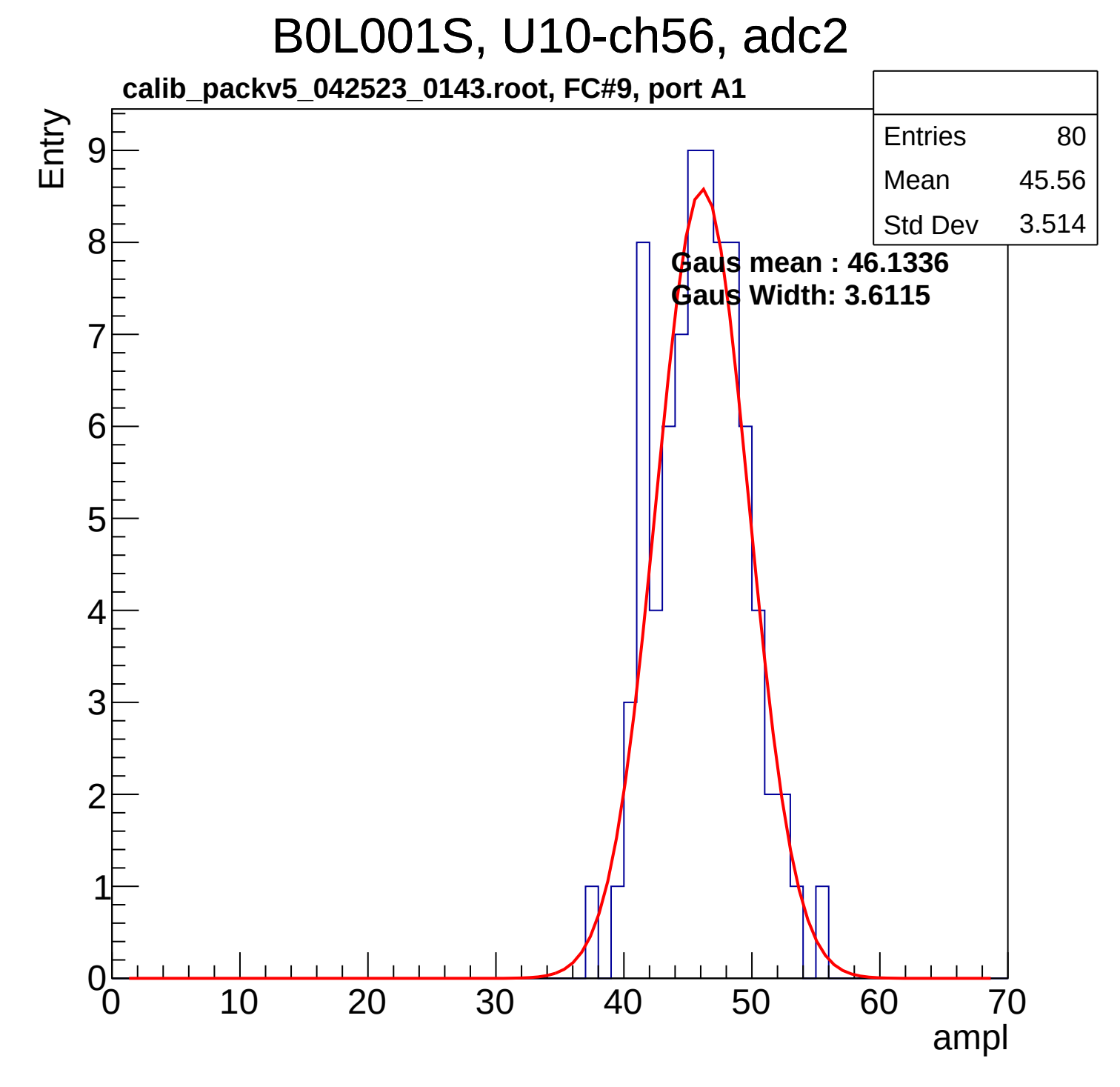
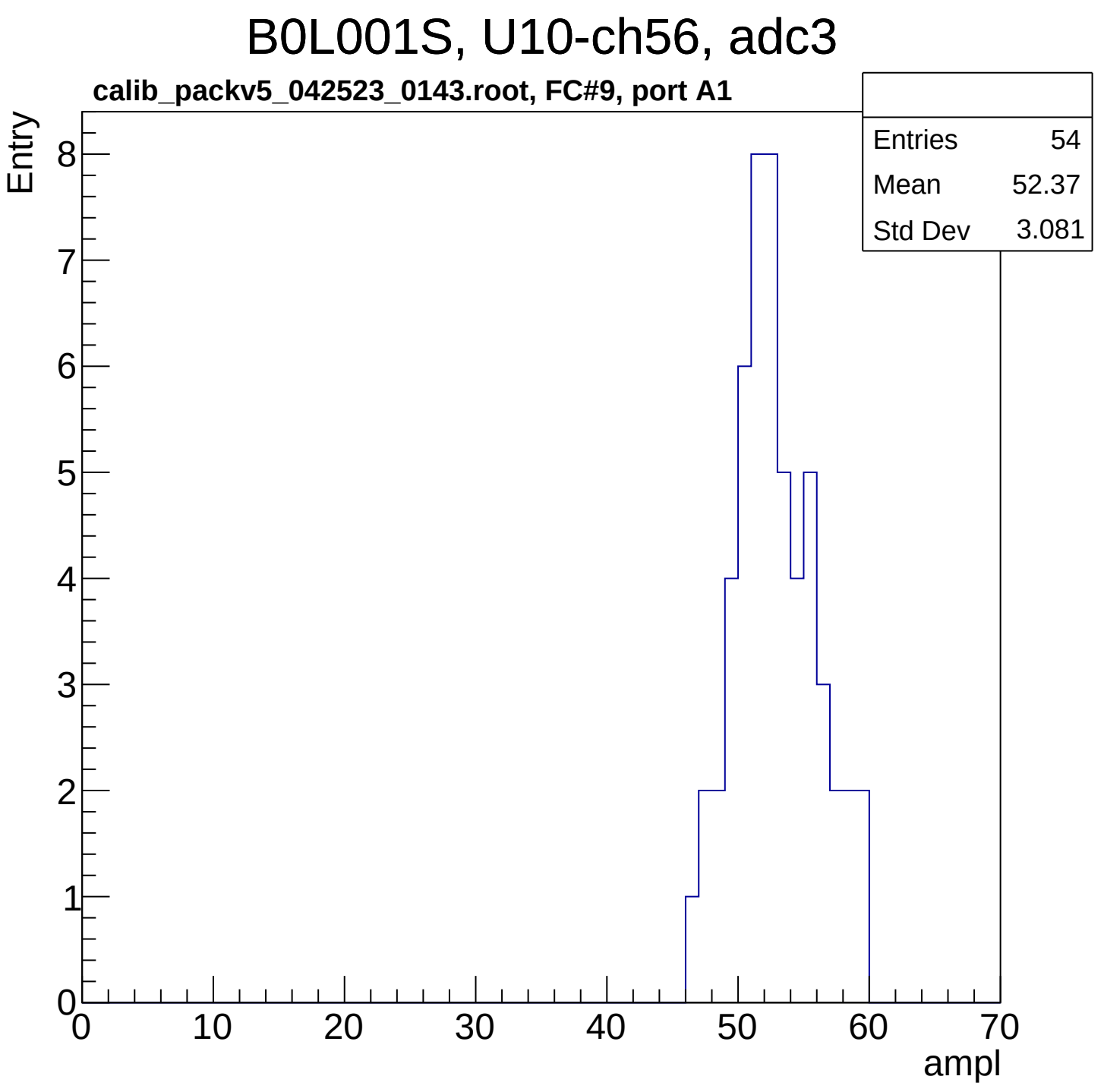
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch56, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 30.31
Std Dev 5.247
Gaus mean : 31.3610
Gaus Width: 3.5157
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch56, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 37.74
Std Dev 3.326
Gaus mean : 37.8067
Gaus Width: 3.5753
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch56, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 45.56
Std Dev 3.514
Gaus mean : 46.1336
Gaus Width: 3.6115
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch56, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 52.37
Std Dev 3.081
Entry
ampl
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2
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4
5
6
7
8
0
10
20
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40
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60
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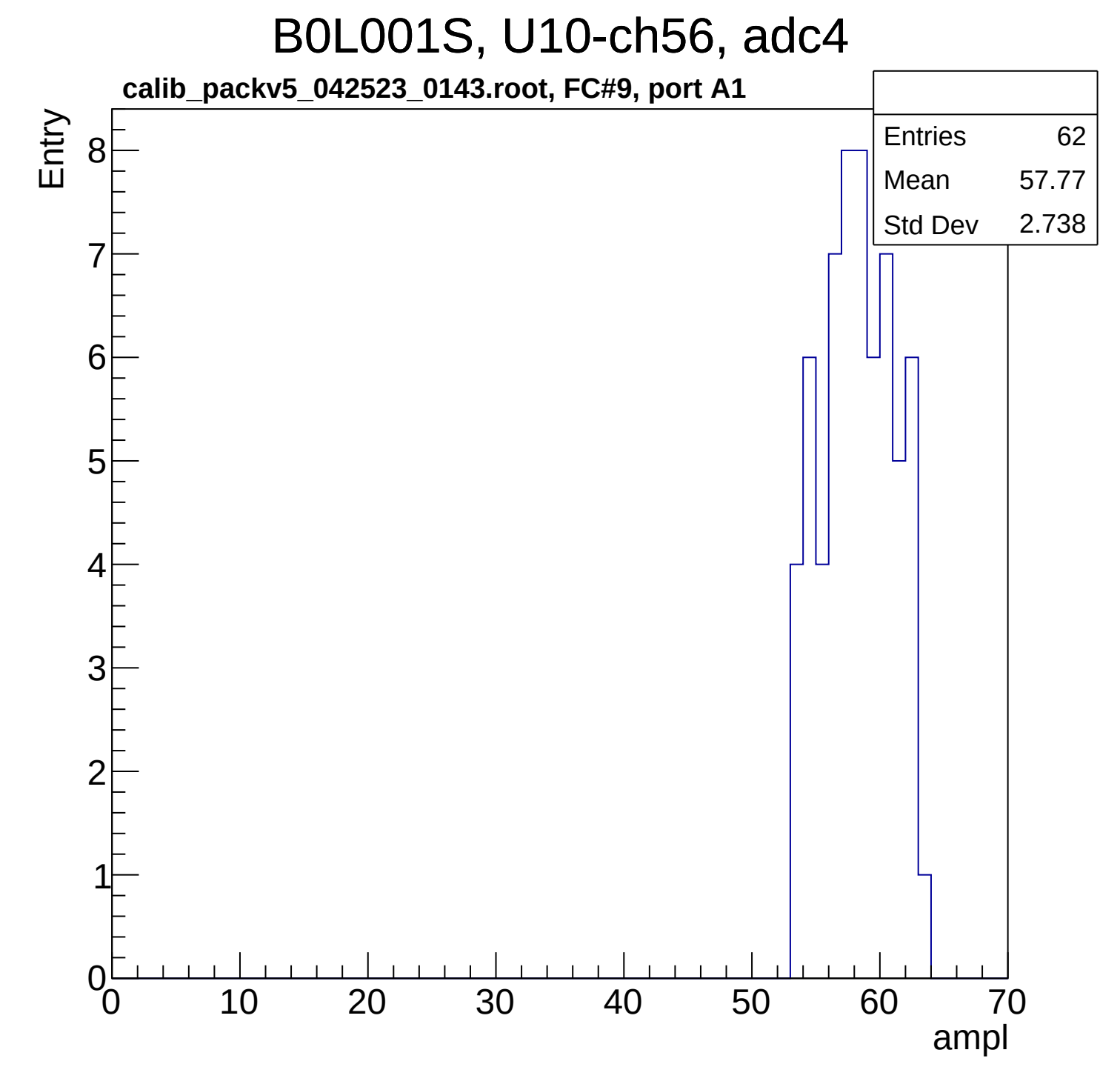
B0L001S, U10-ch56, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.77
Std Dev 2.738
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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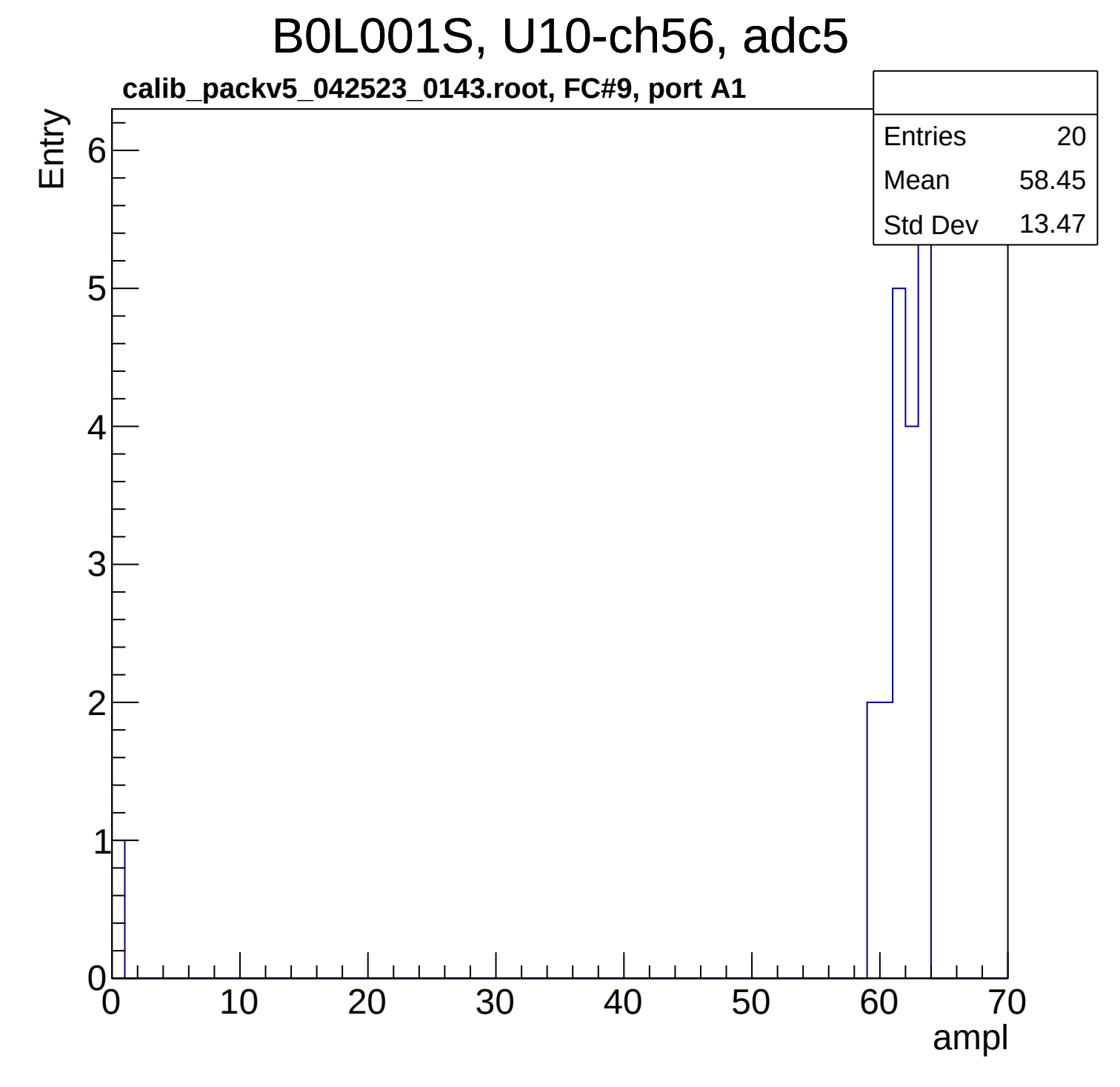
B0L001S, U10-ch56, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 20
Mean 58.45
Std Dev 13.47
Entry
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2
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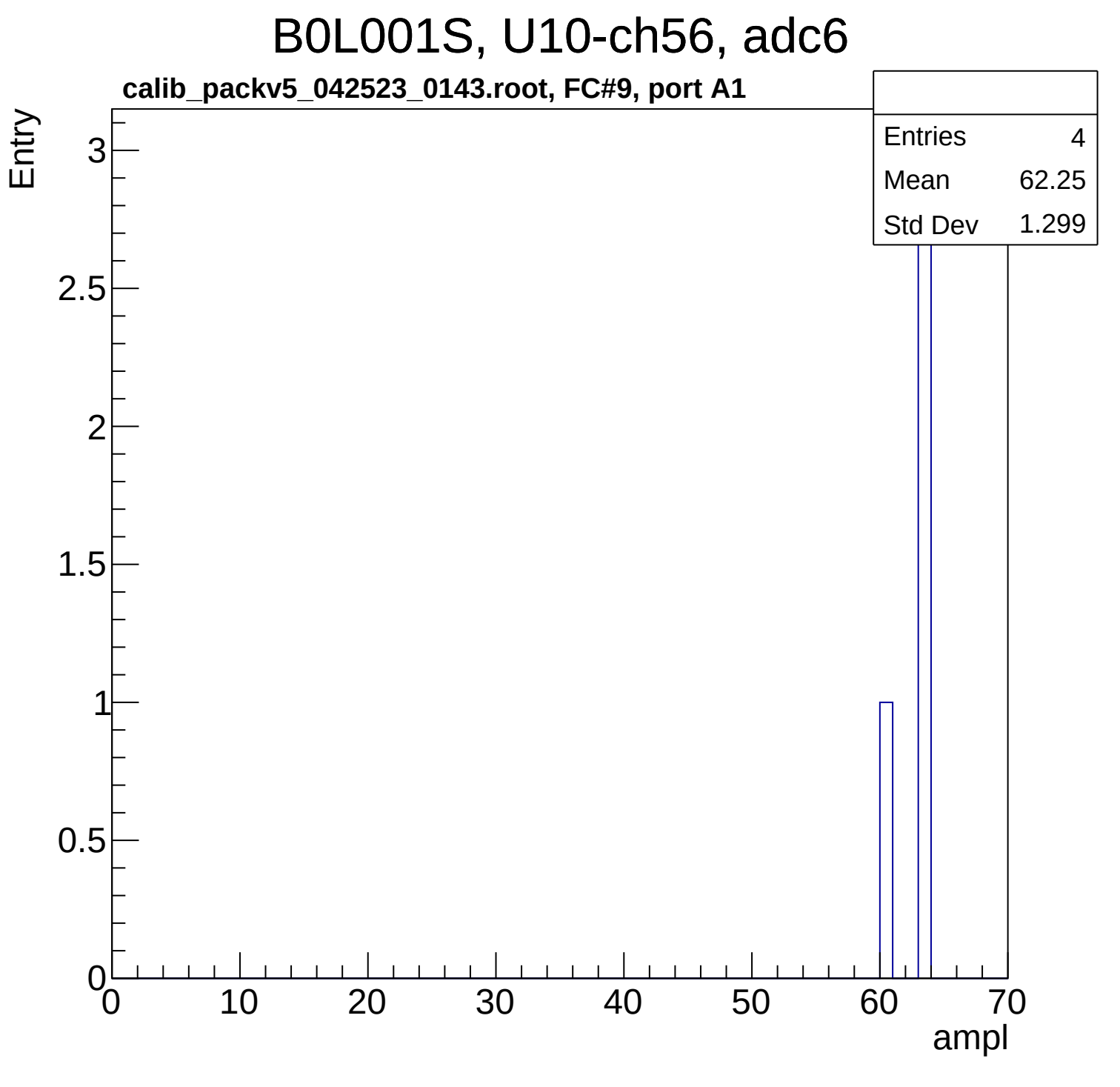
70
ampl


B0L001S, U10-ch56, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.25
Std Dev 1.299
Entry
ampl
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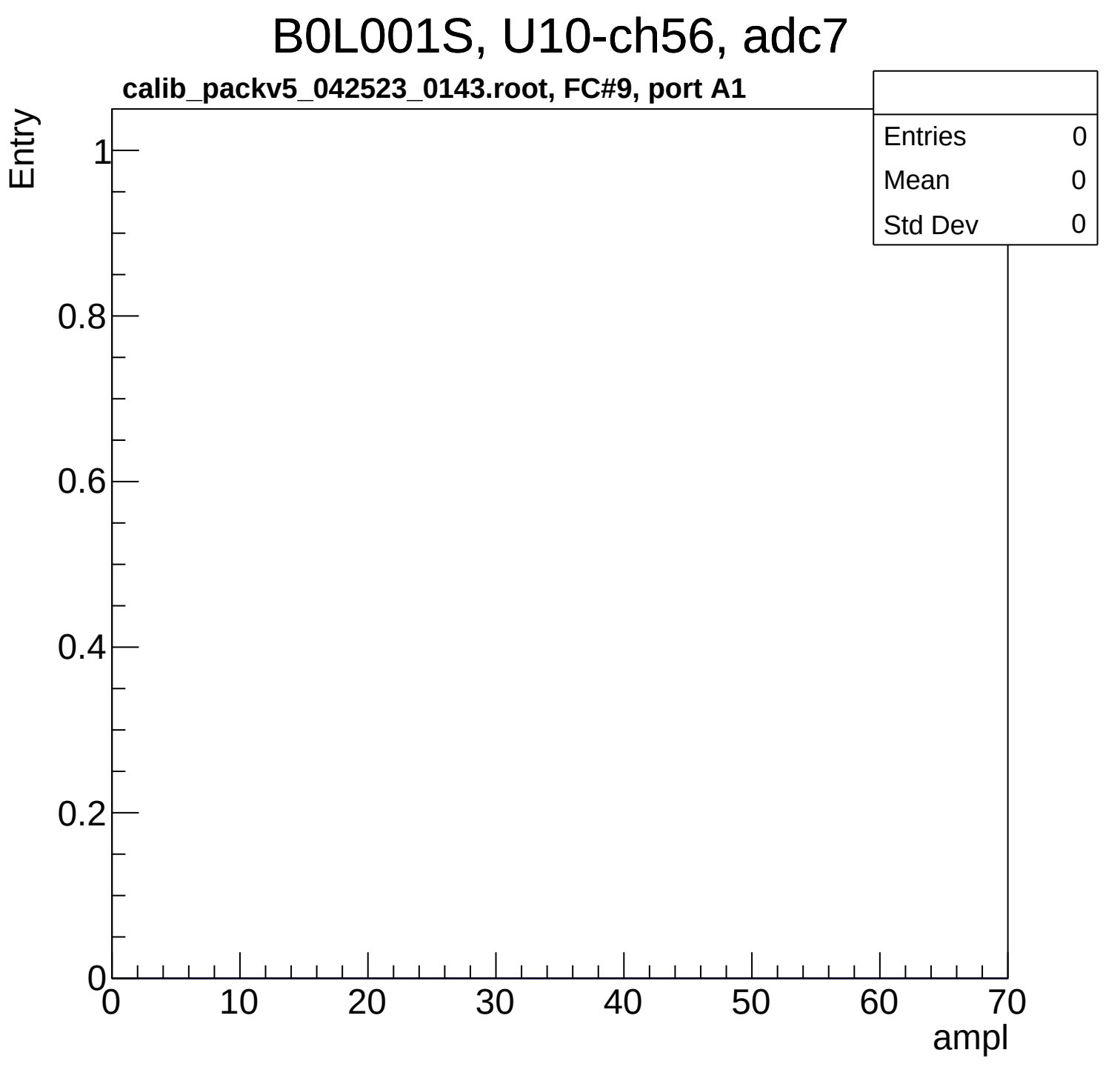
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch56, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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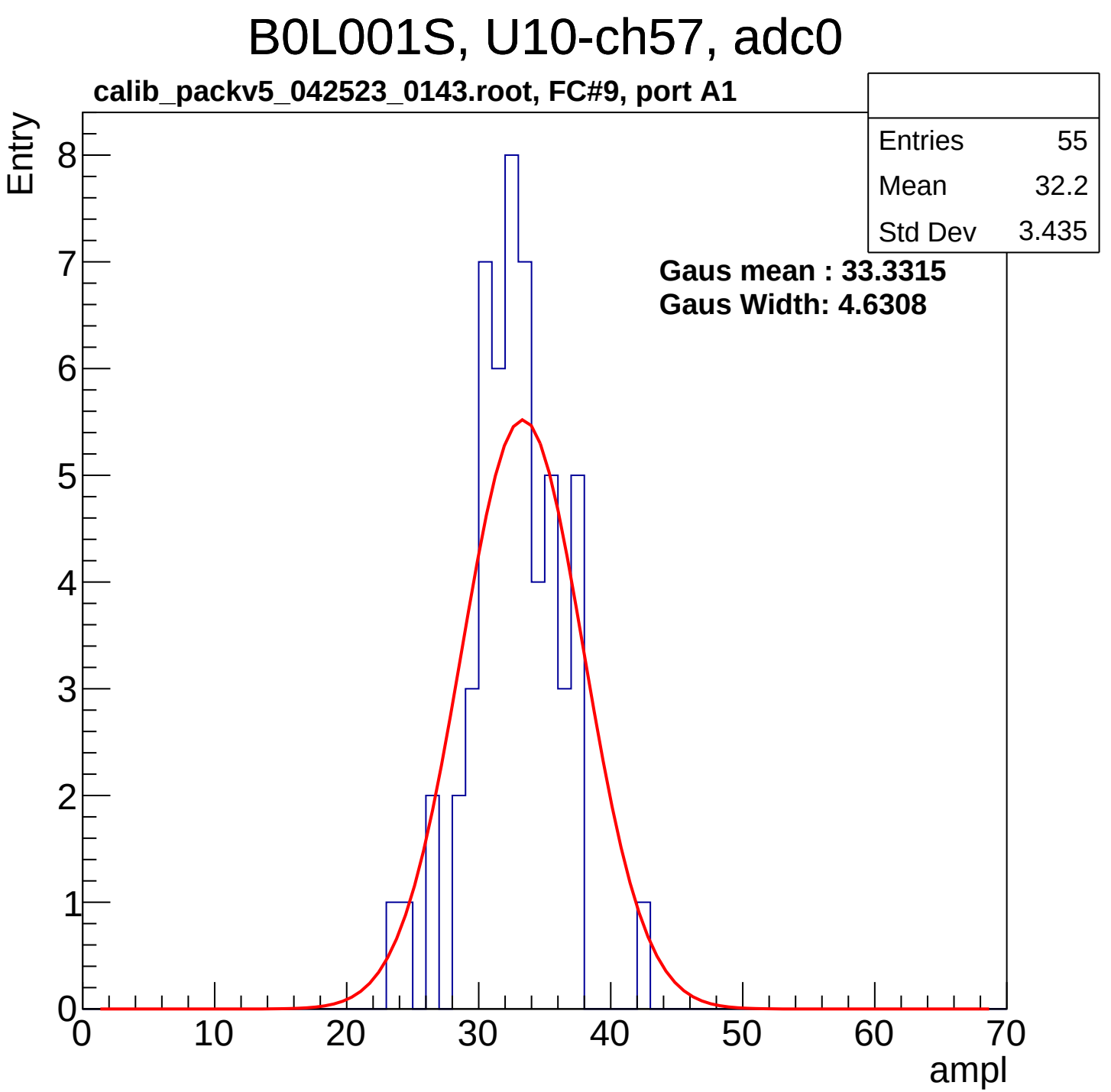
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch57, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 32.2
Std Dev 3.435
Gaus mean : 33.3315
Gaus Width: 4.6308
Entry
ampl
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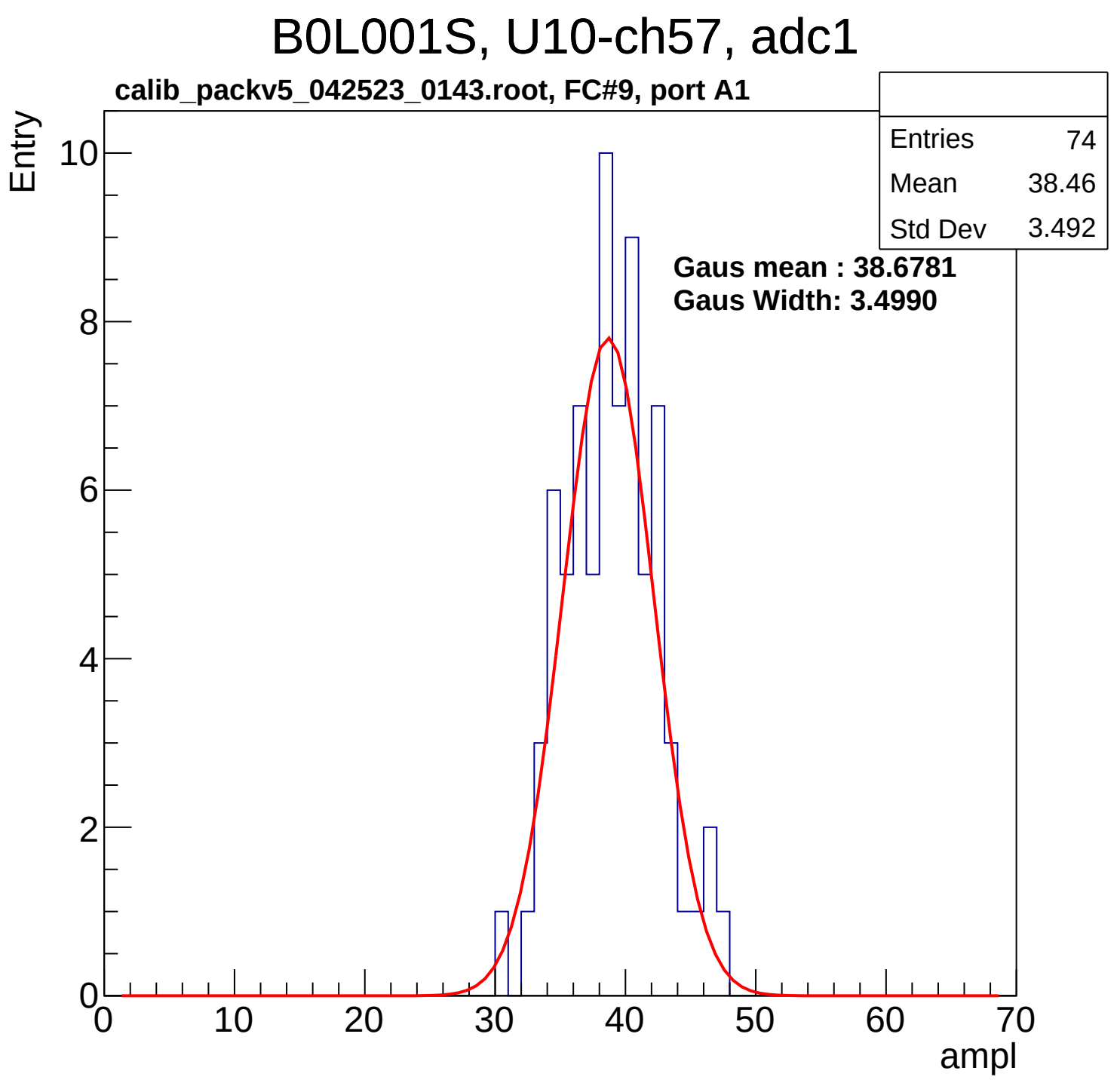
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch57, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 38.46
Std Dev 3.492
Gaus mean : 38.6781
Gaus Width: 3.4990
Entry
ampl
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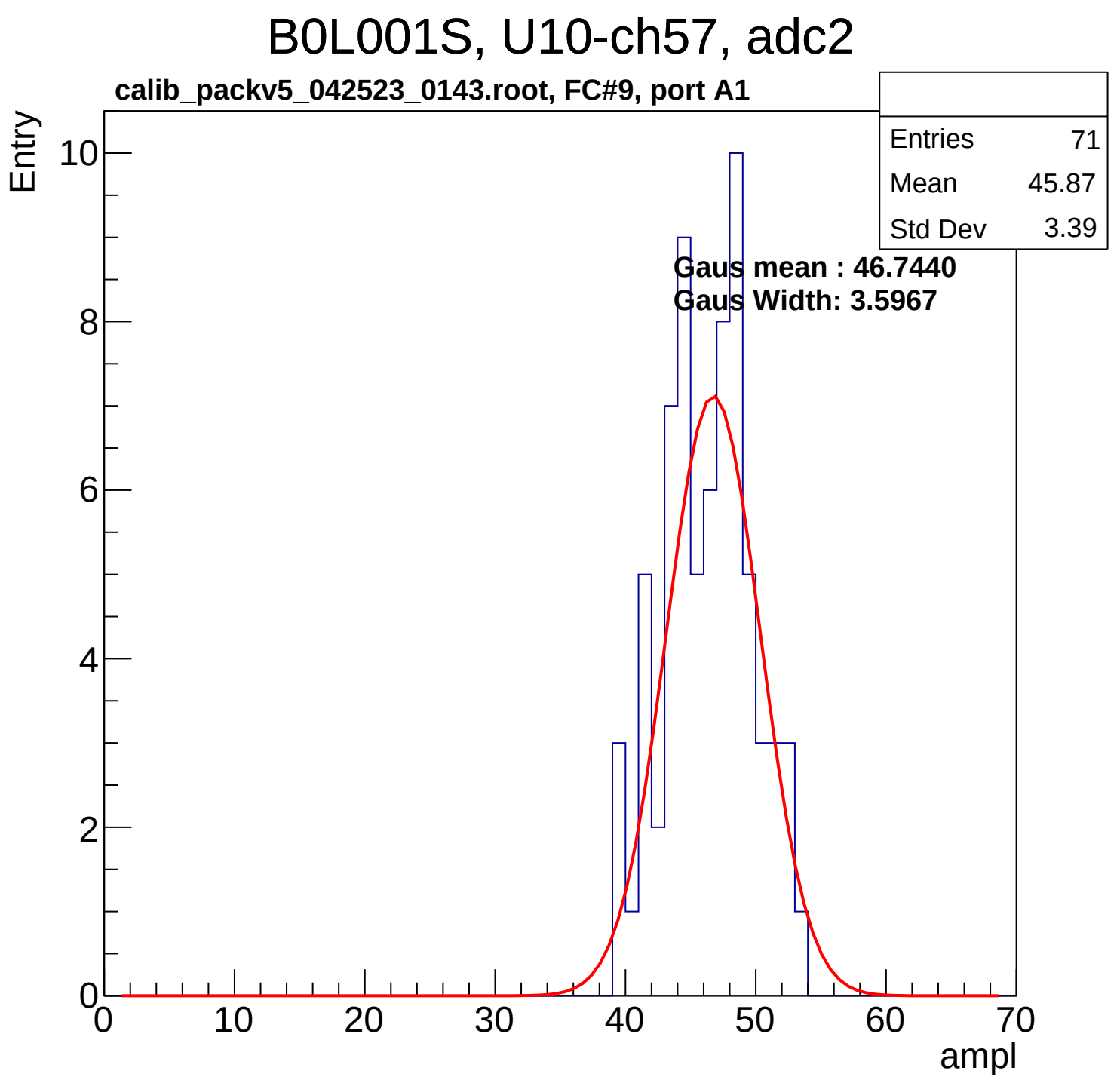
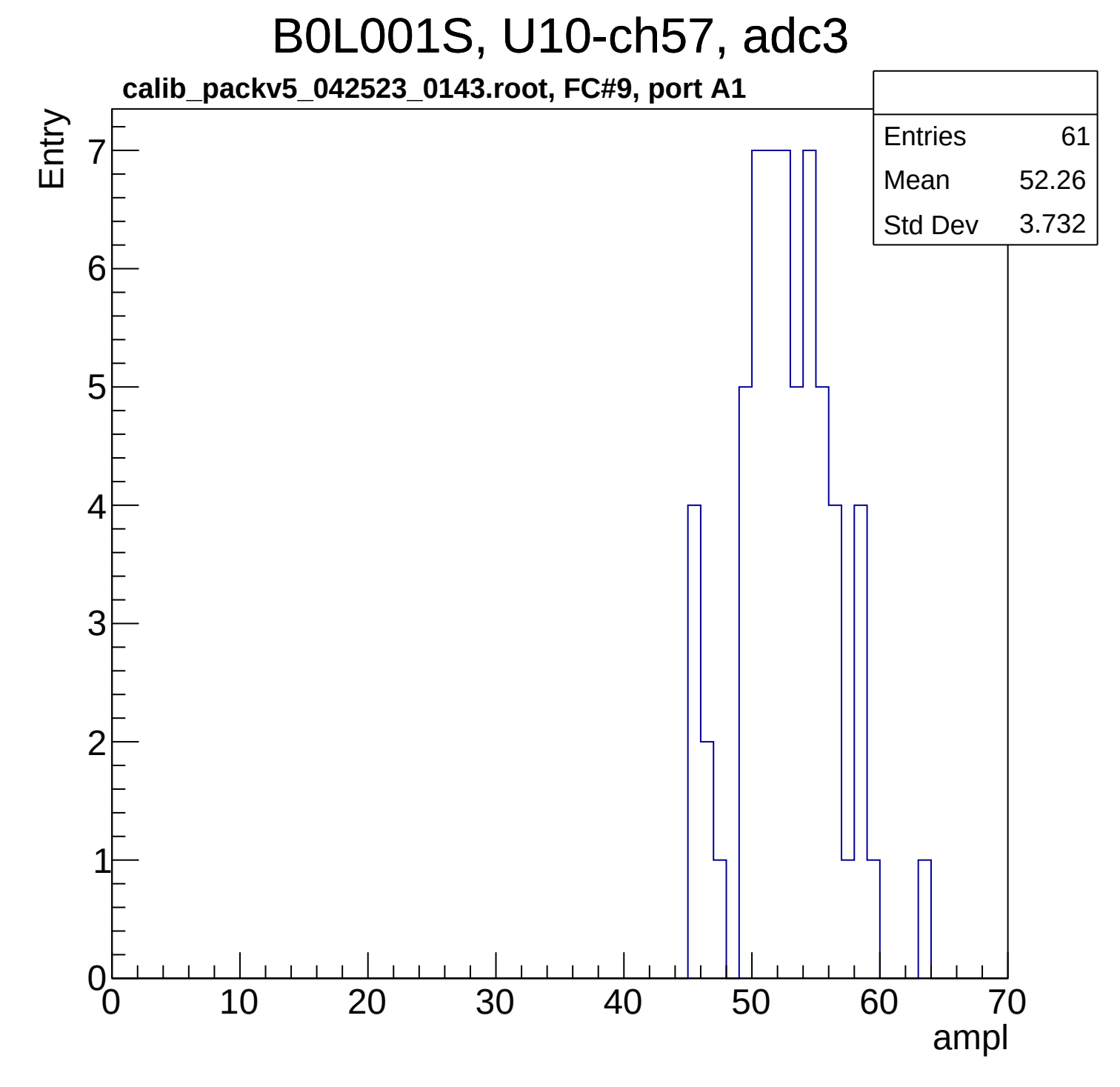
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch57, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 45.87
Std Dev 3.39
Gaus mean : 46.7440
Gaus Width: 3.5967
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch57, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 52.26
Std Dev 3.732
Entry
ampl
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1
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3
4
5
6
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0
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40
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60
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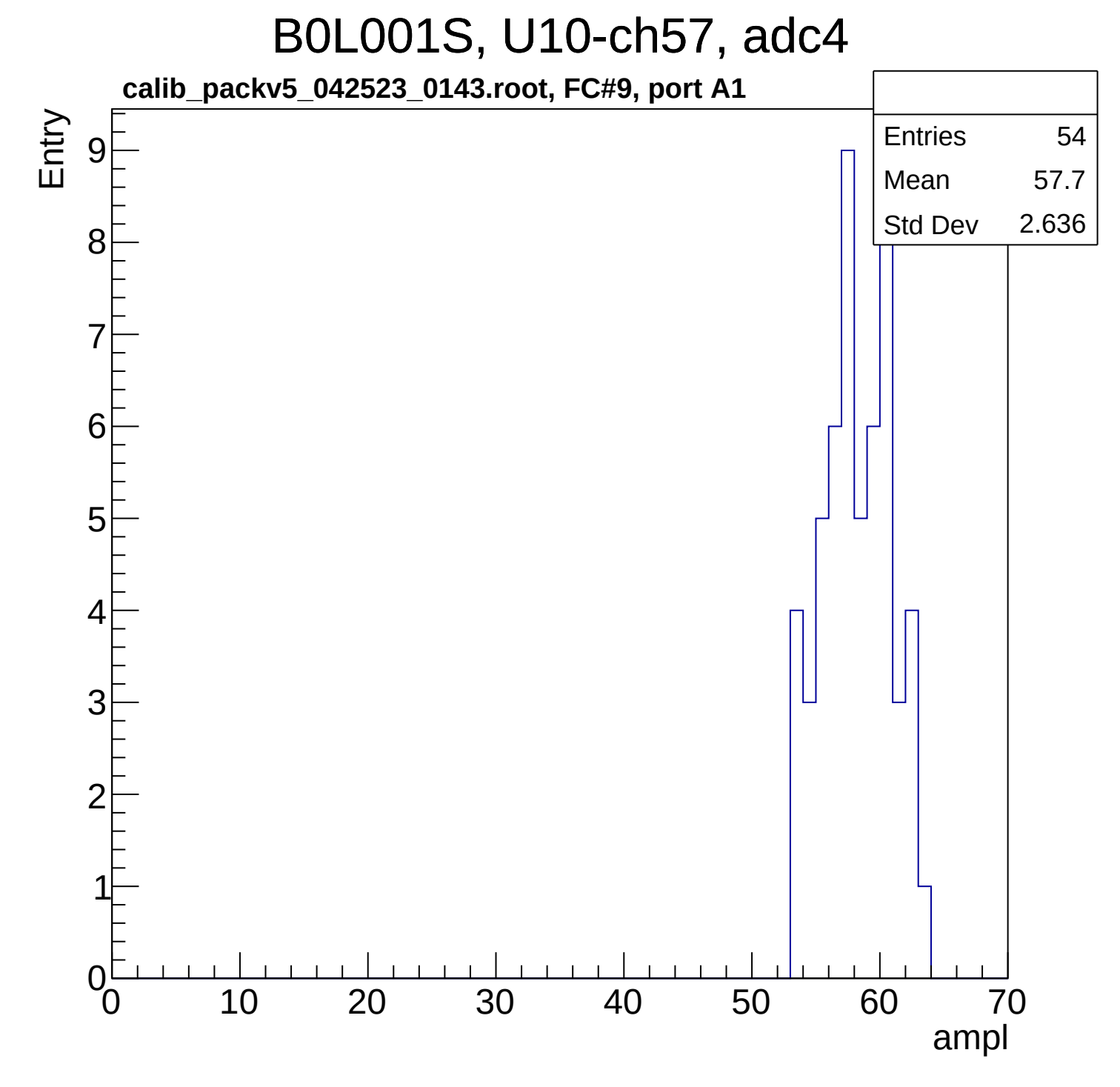
B0L001S, U10-ch57, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 57.7
Std Dev 2.636
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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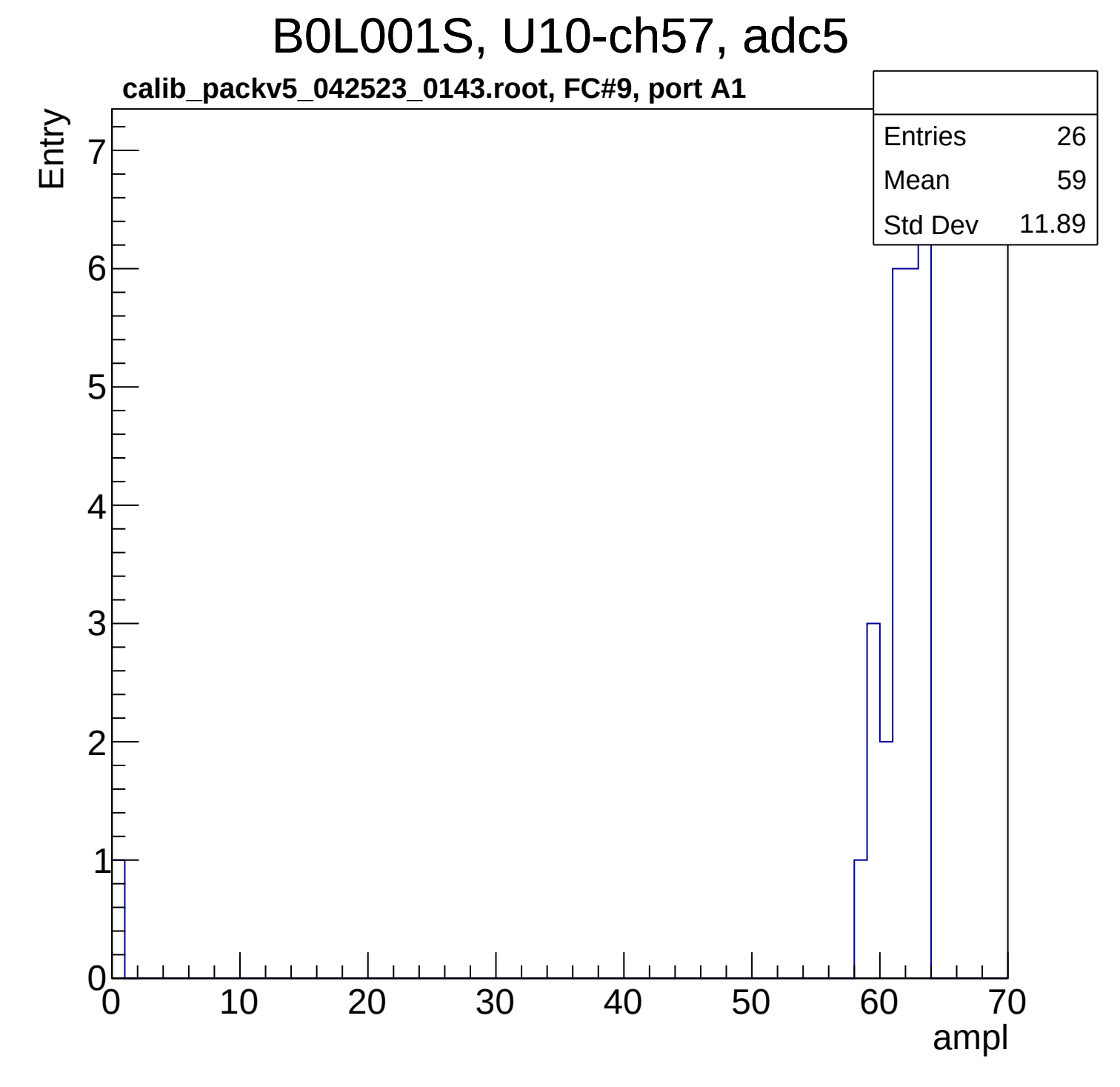
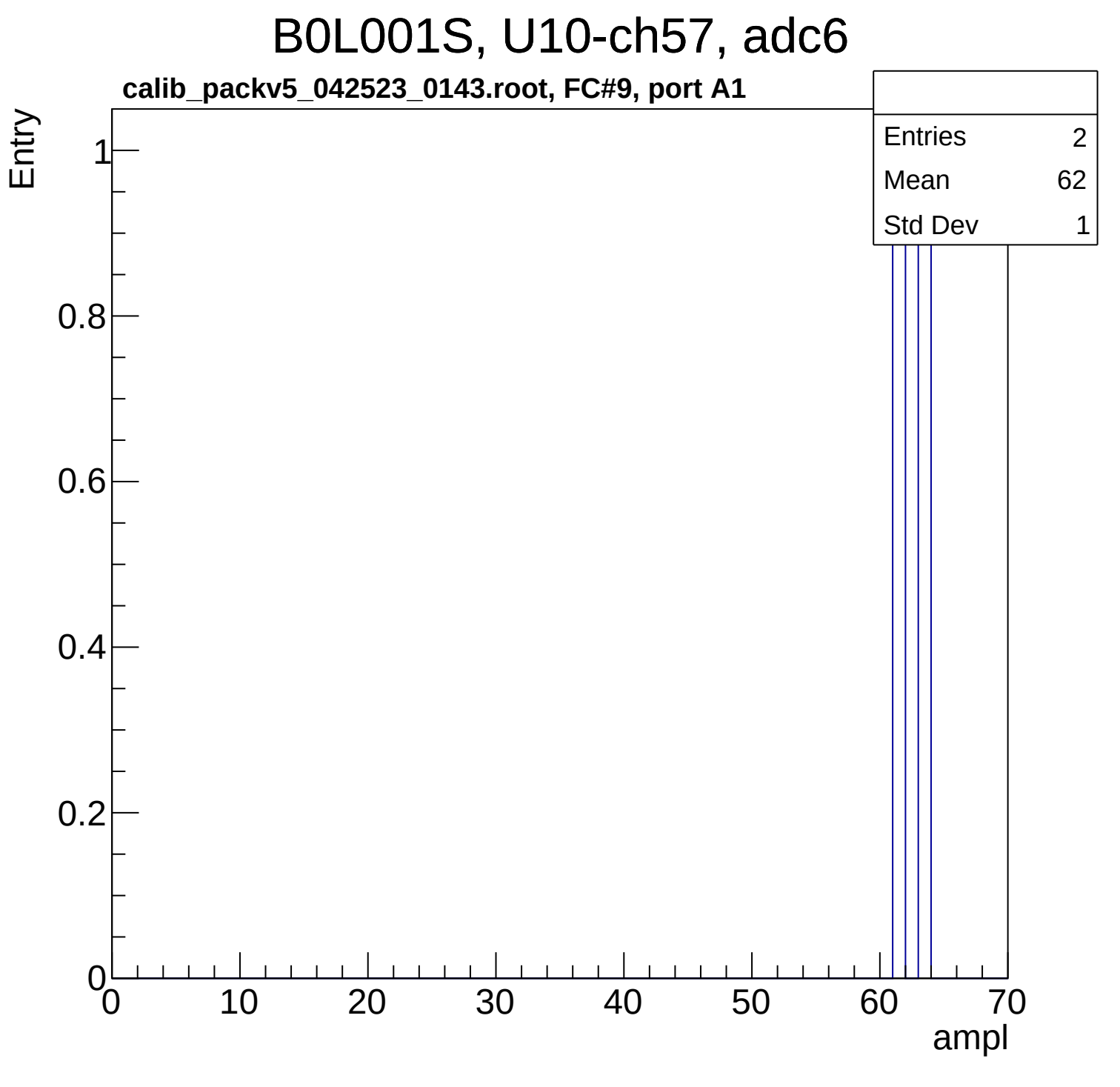

B0L001S, U10-ch57, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 59
Std Dev 11.89
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch57, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 1
Entry
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0.6
0.4
0.2
0
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10
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30
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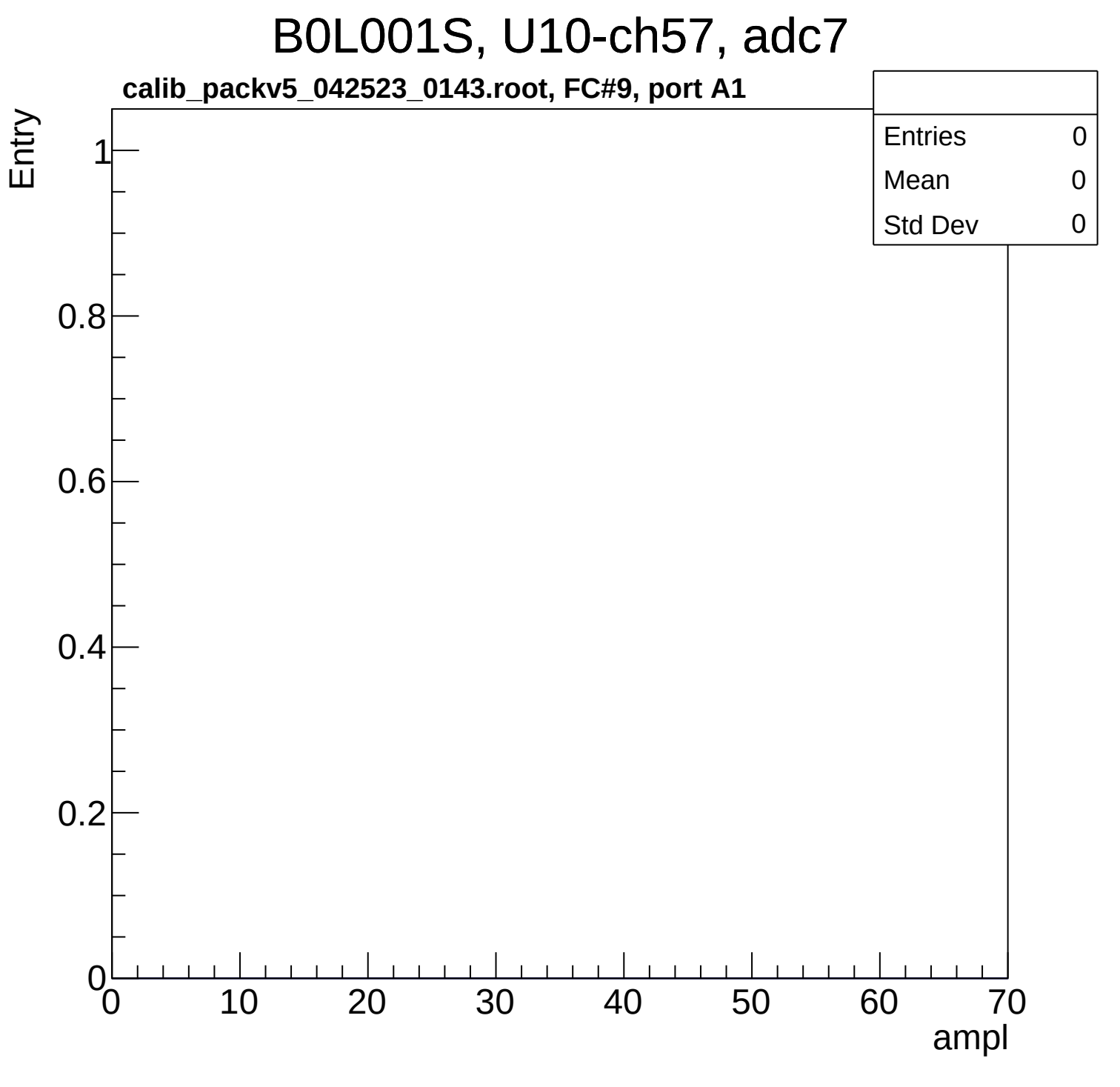
50
60
70
ampl


B0L001S, U10-ch57, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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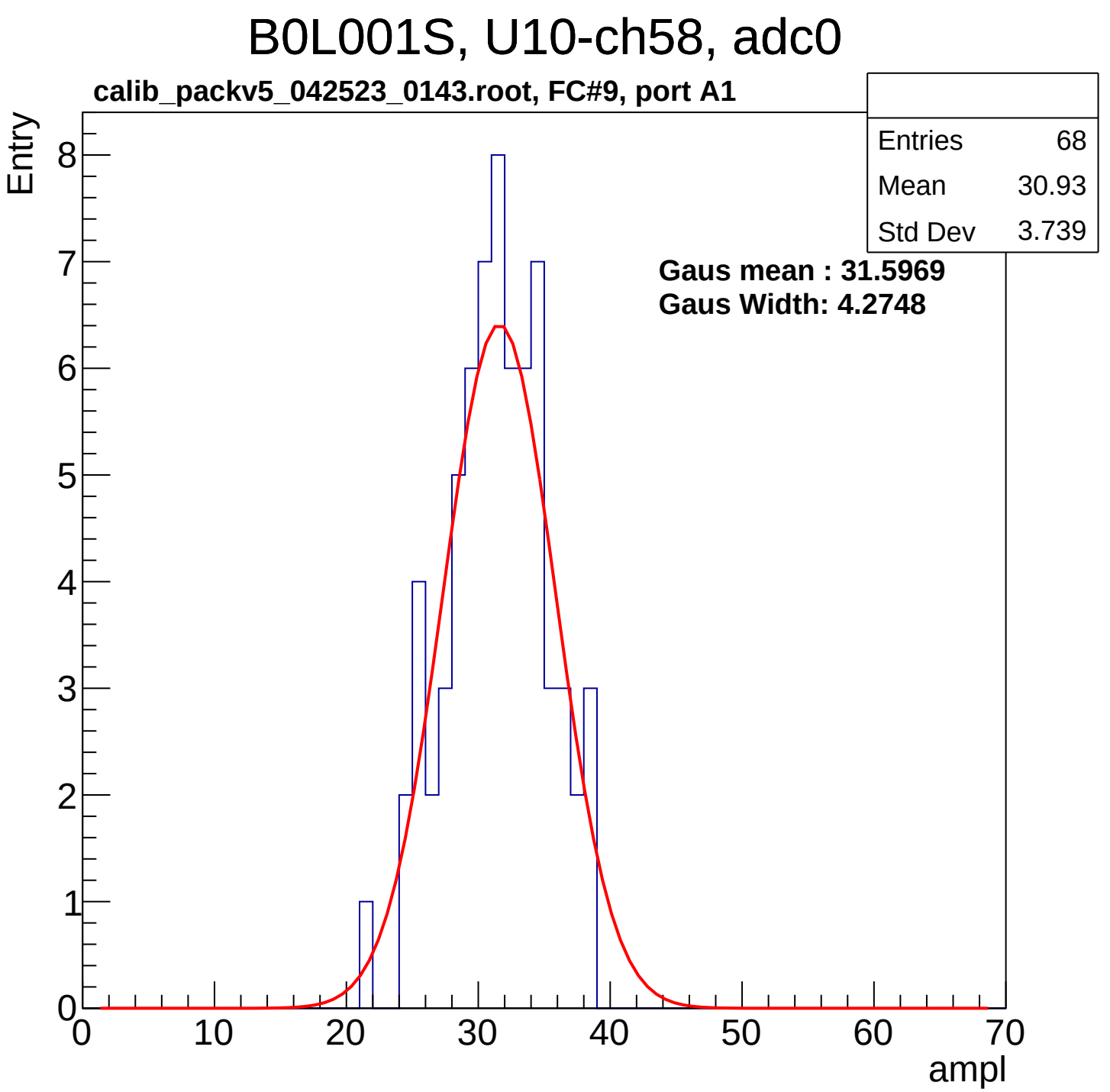
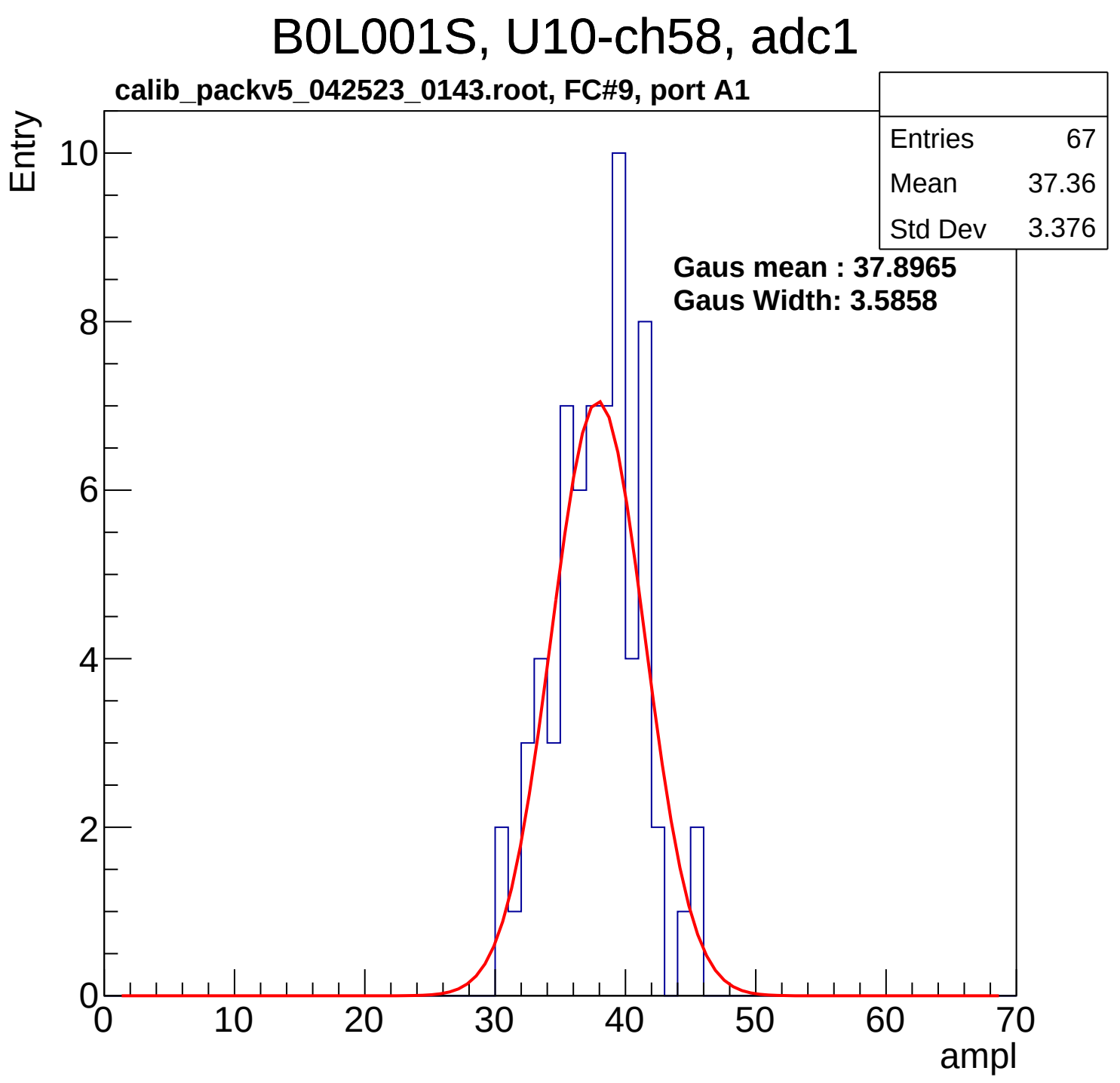
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch58, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 30.93
Std Dev 3.739
Gaus mean : 31.5969
Gaus Width: 4.2748
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch58, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.36
Std Dev 3.376
Gaus mean : 37.8965
Gaus Width: 3.5858
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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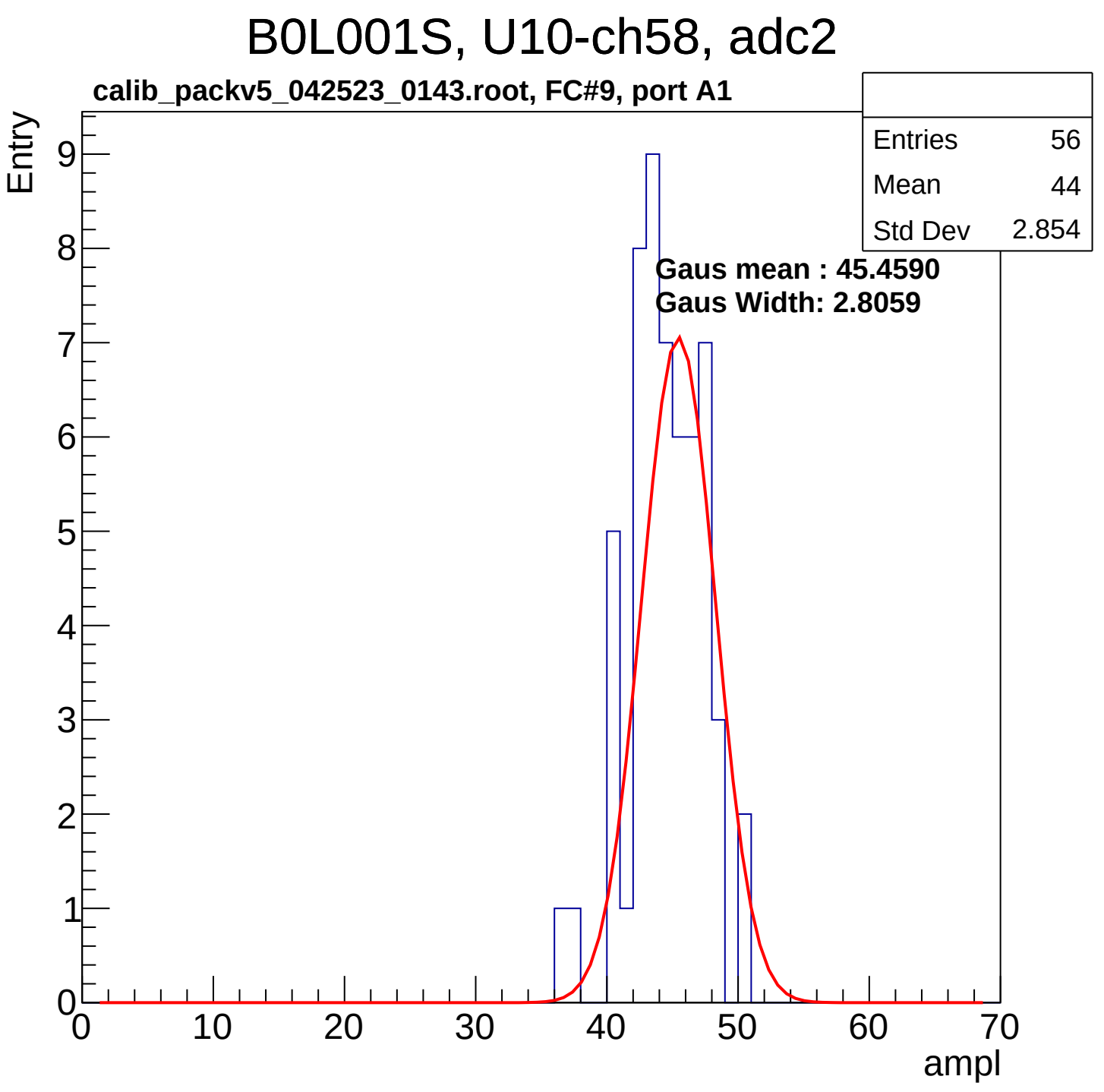
B0L001S, U10-ch58, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 44
Std Dev 2.854
Gaus mean : 45.4590
Gaus Width: 2.8059
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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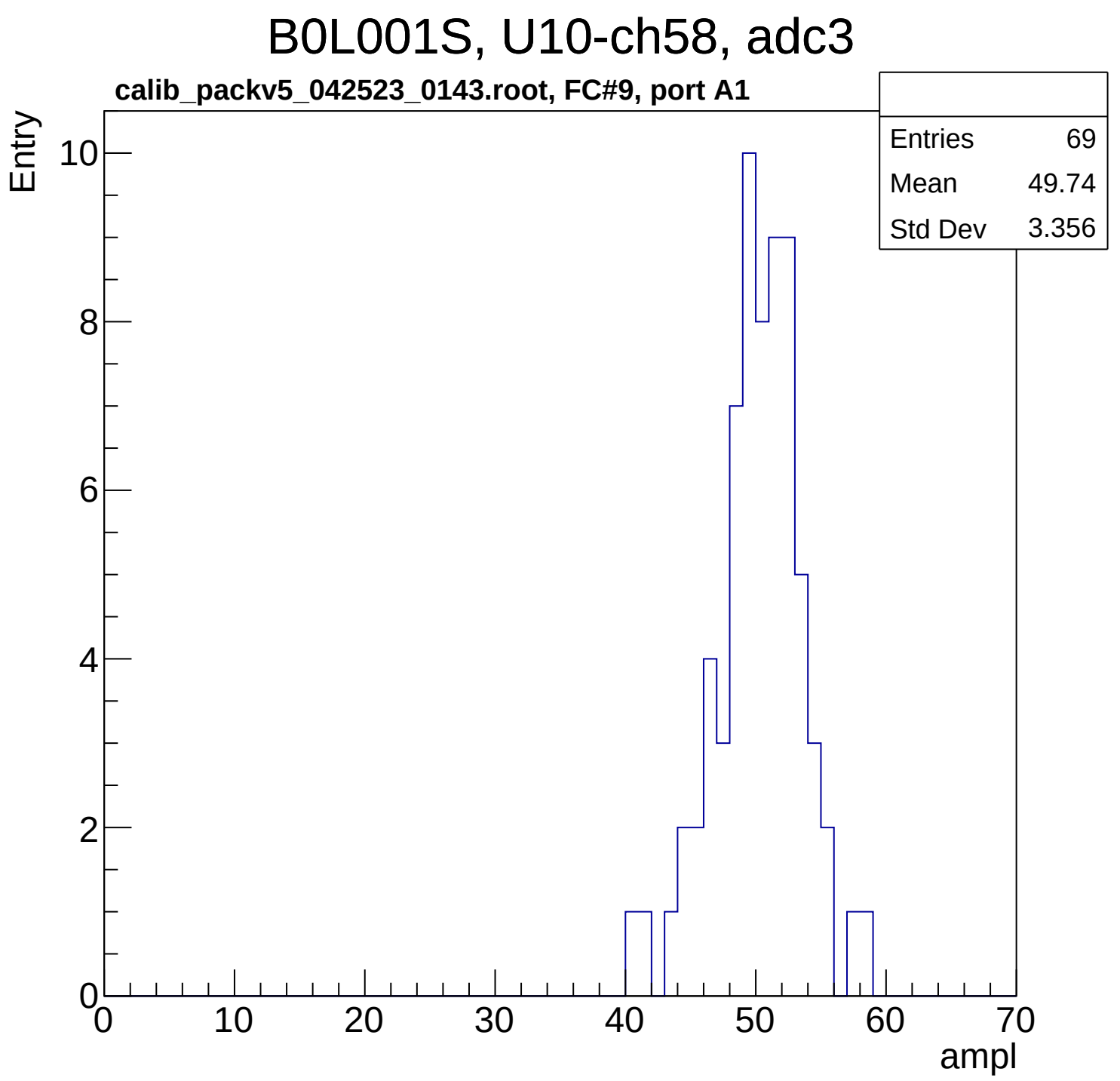
B0L001S, U10-ch58, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 49.74
Std Dev 3.356
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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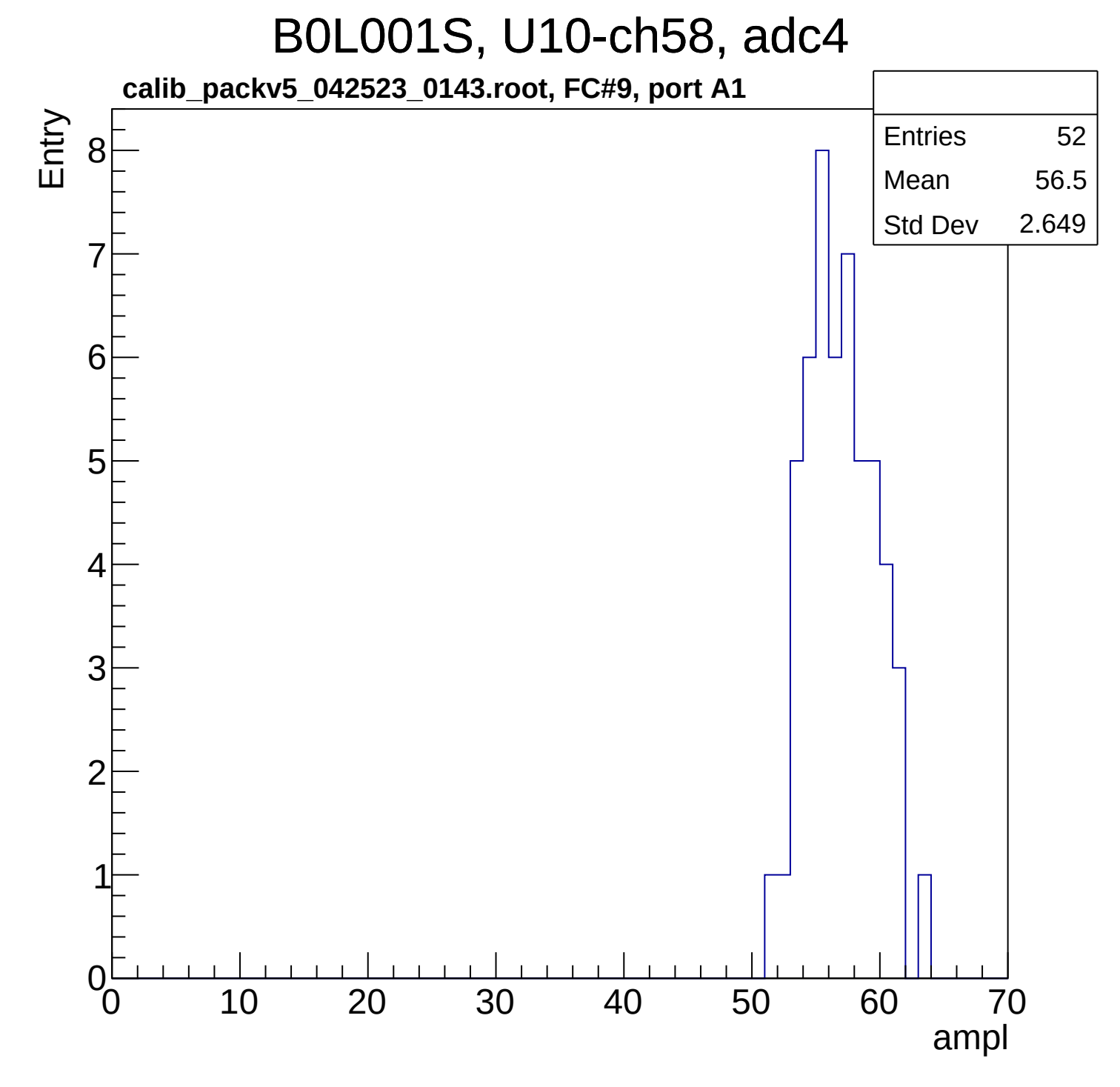
B0L001S, U10-ch58, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 56.5
Std Dev 2.649
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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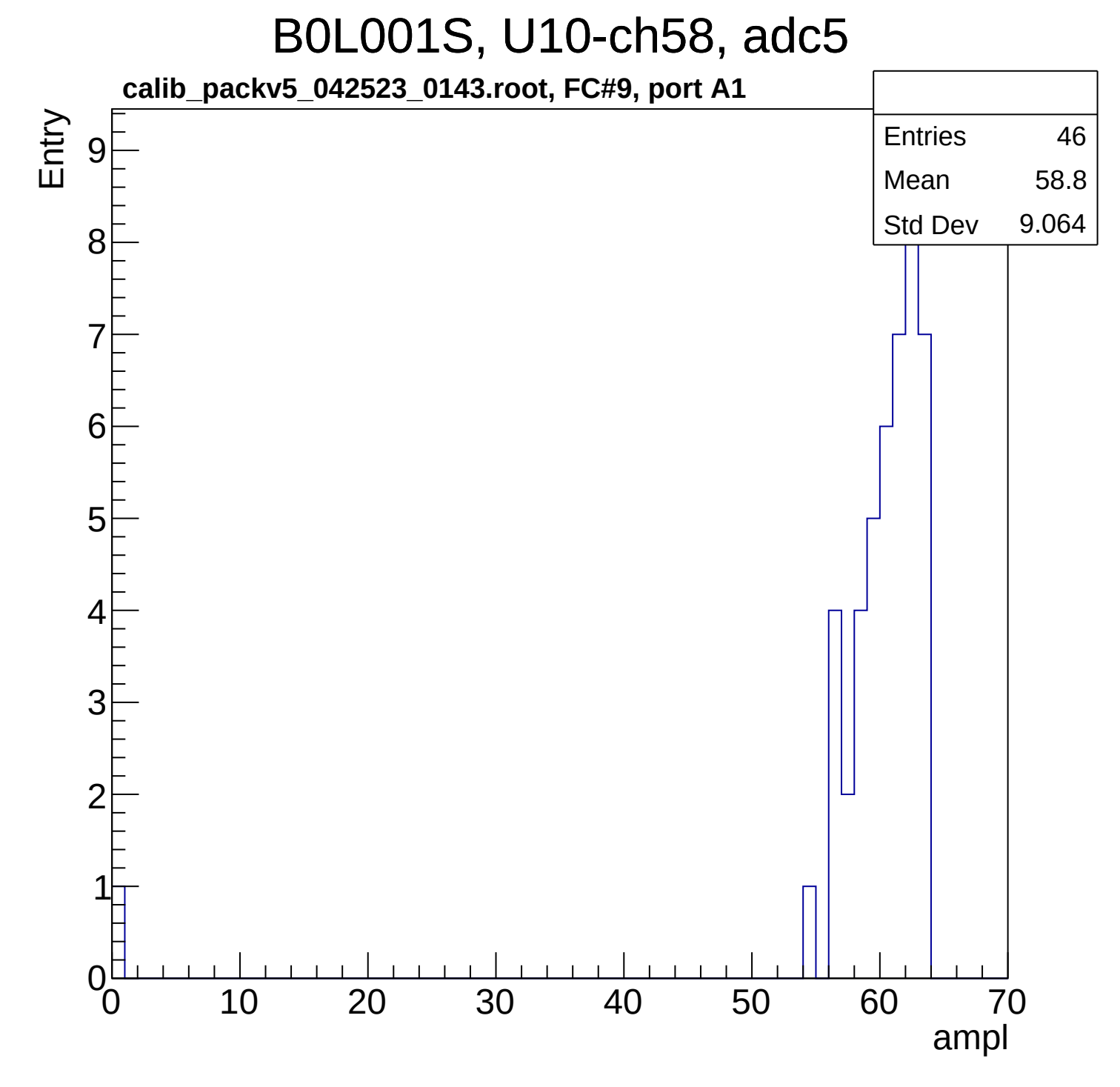
B0L001S, U10-ch58, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 58.8
Std Dev 9.064
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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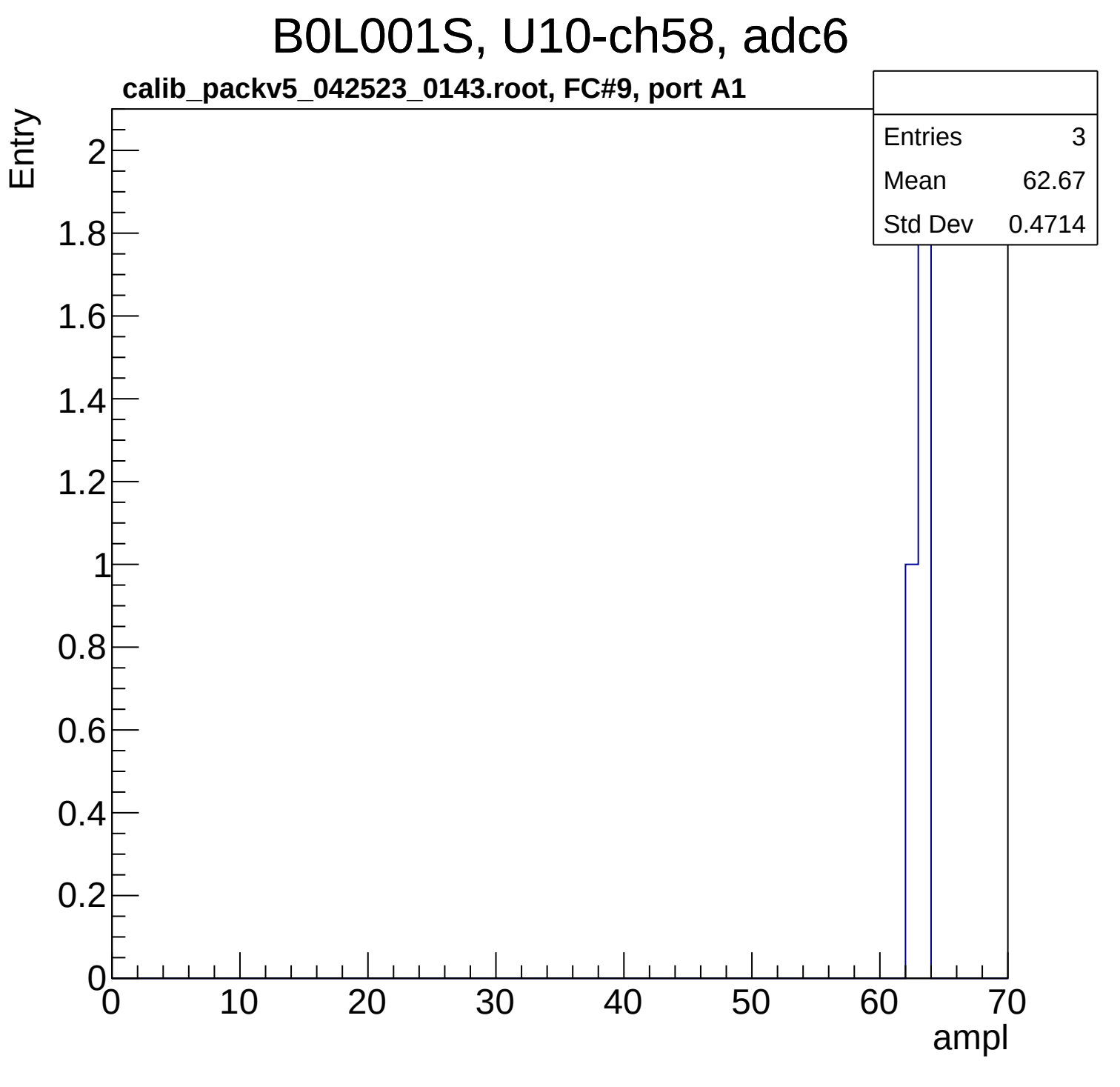
B0L001S, U10-ch58, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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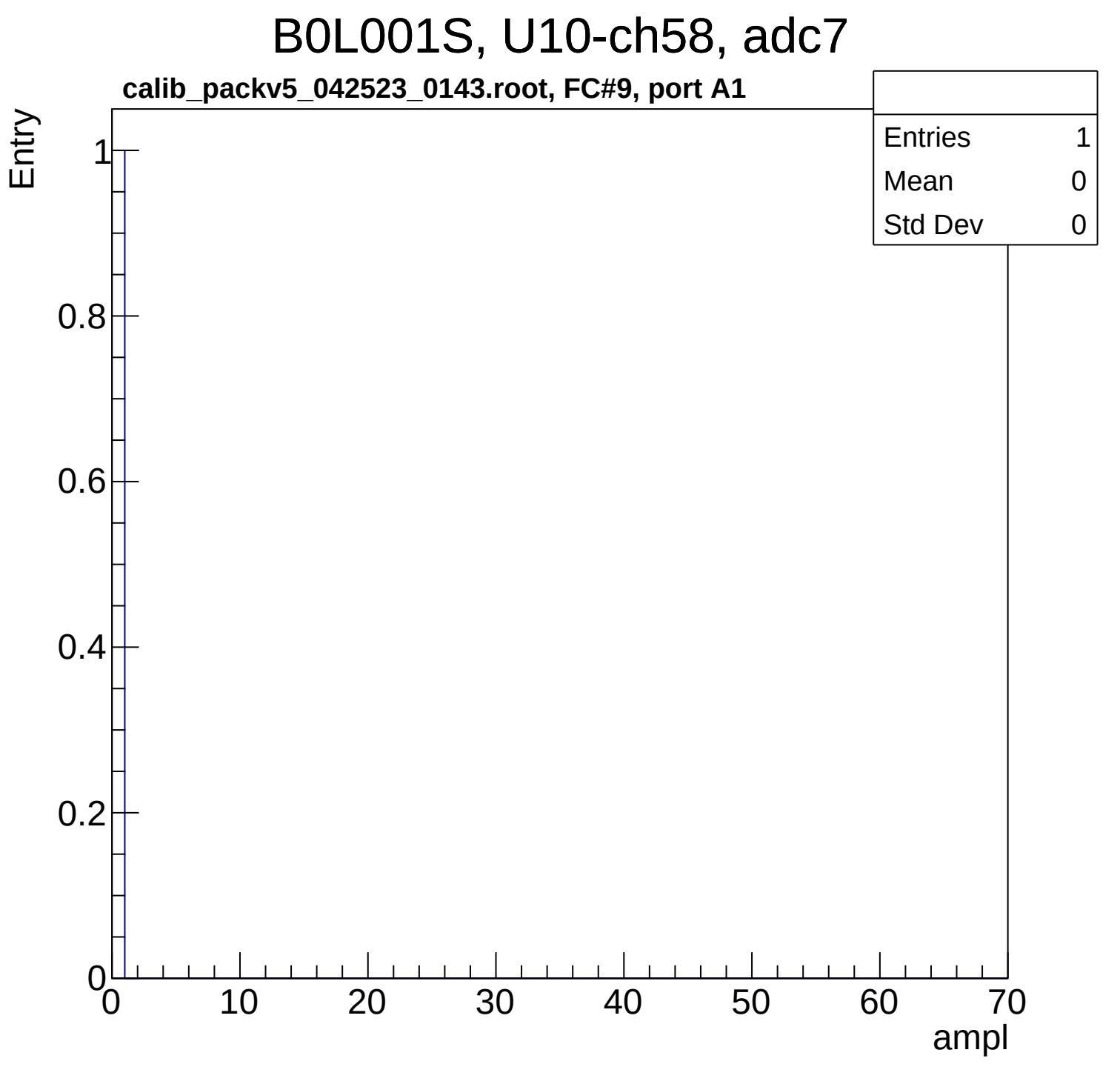
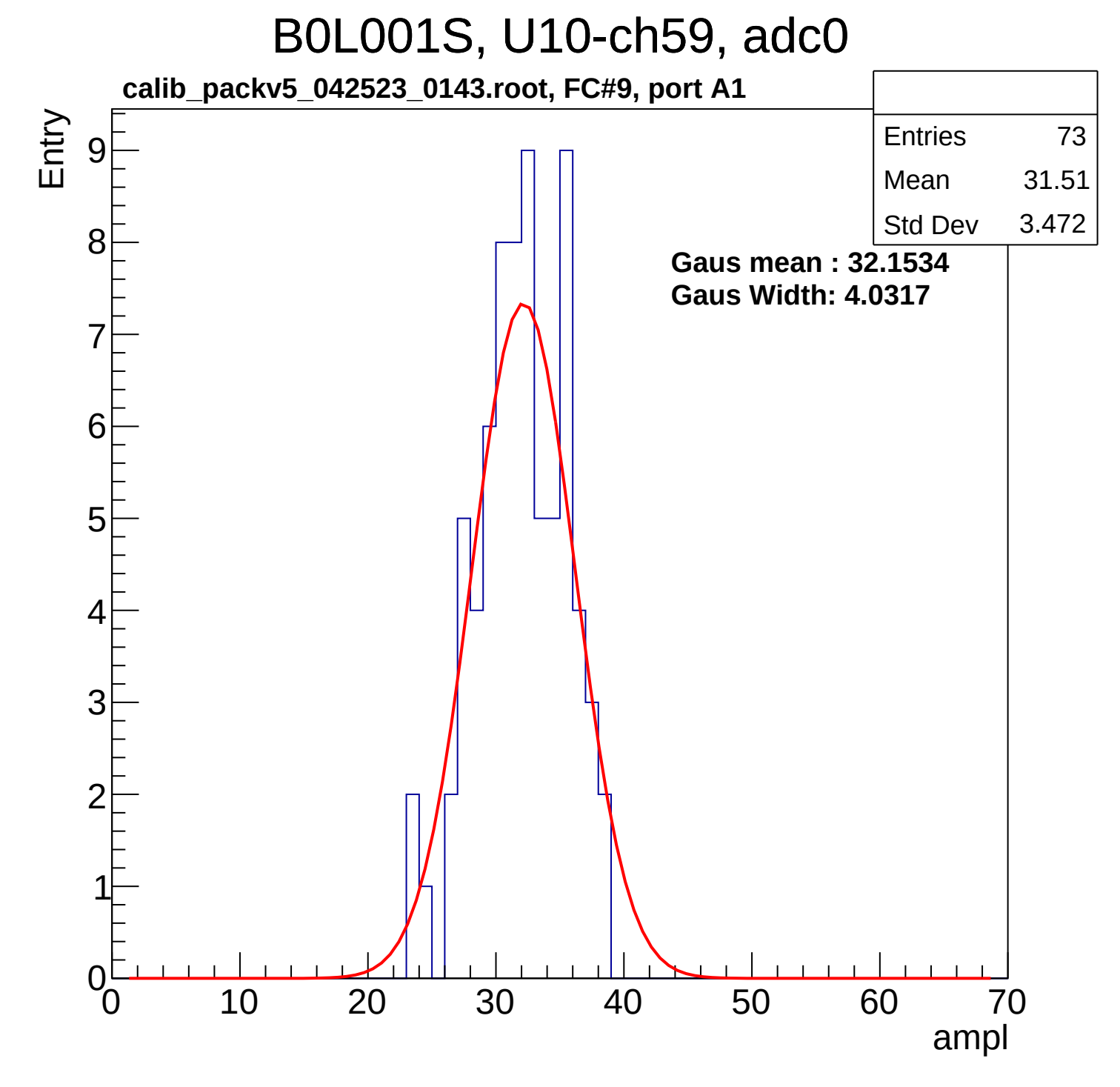

B0L001S, U10-ch58, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch59, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 31.51
Std Dev 3.472
Gaus mean : 32.1534
Gaus Width: 4.0317
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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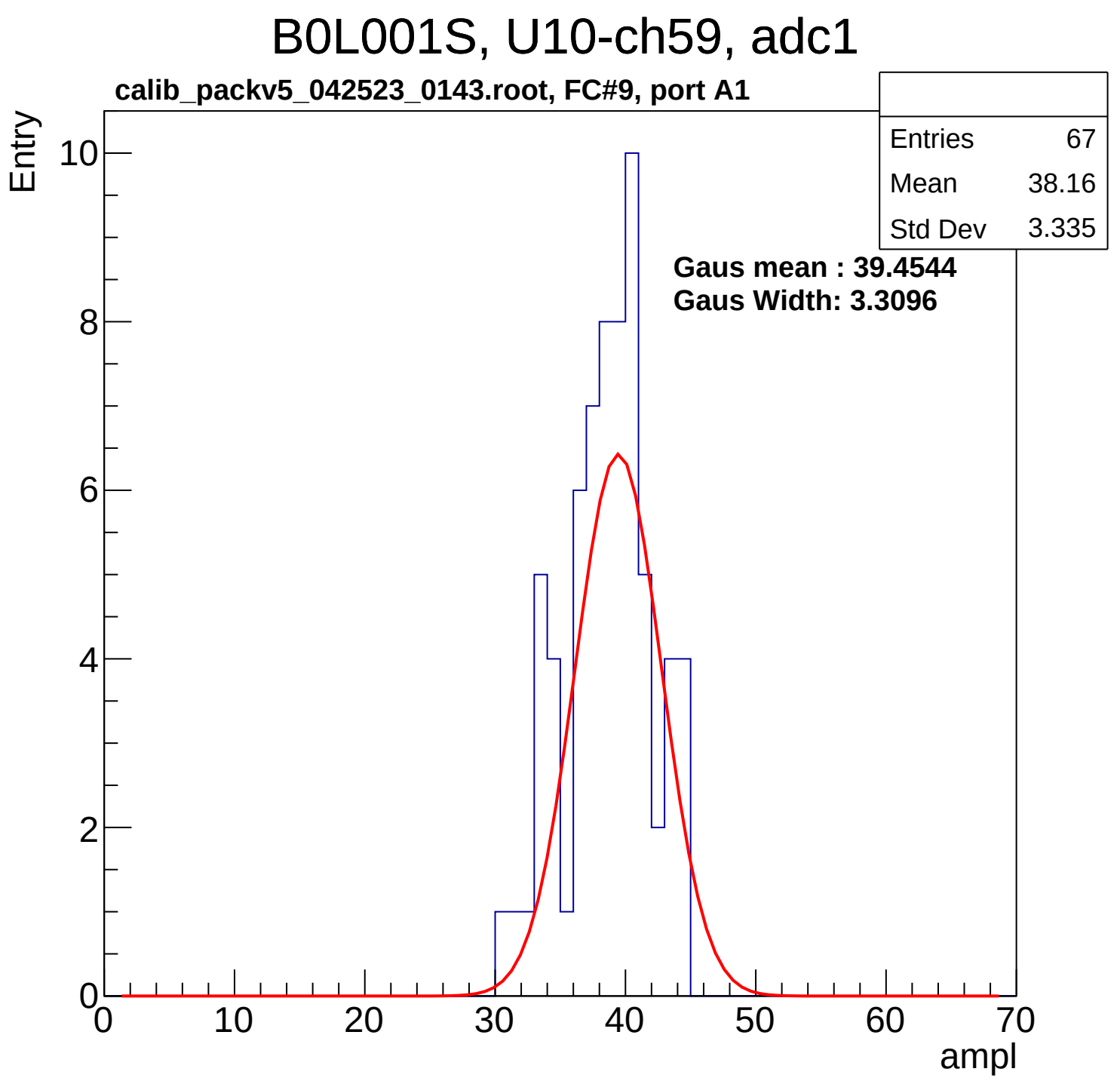
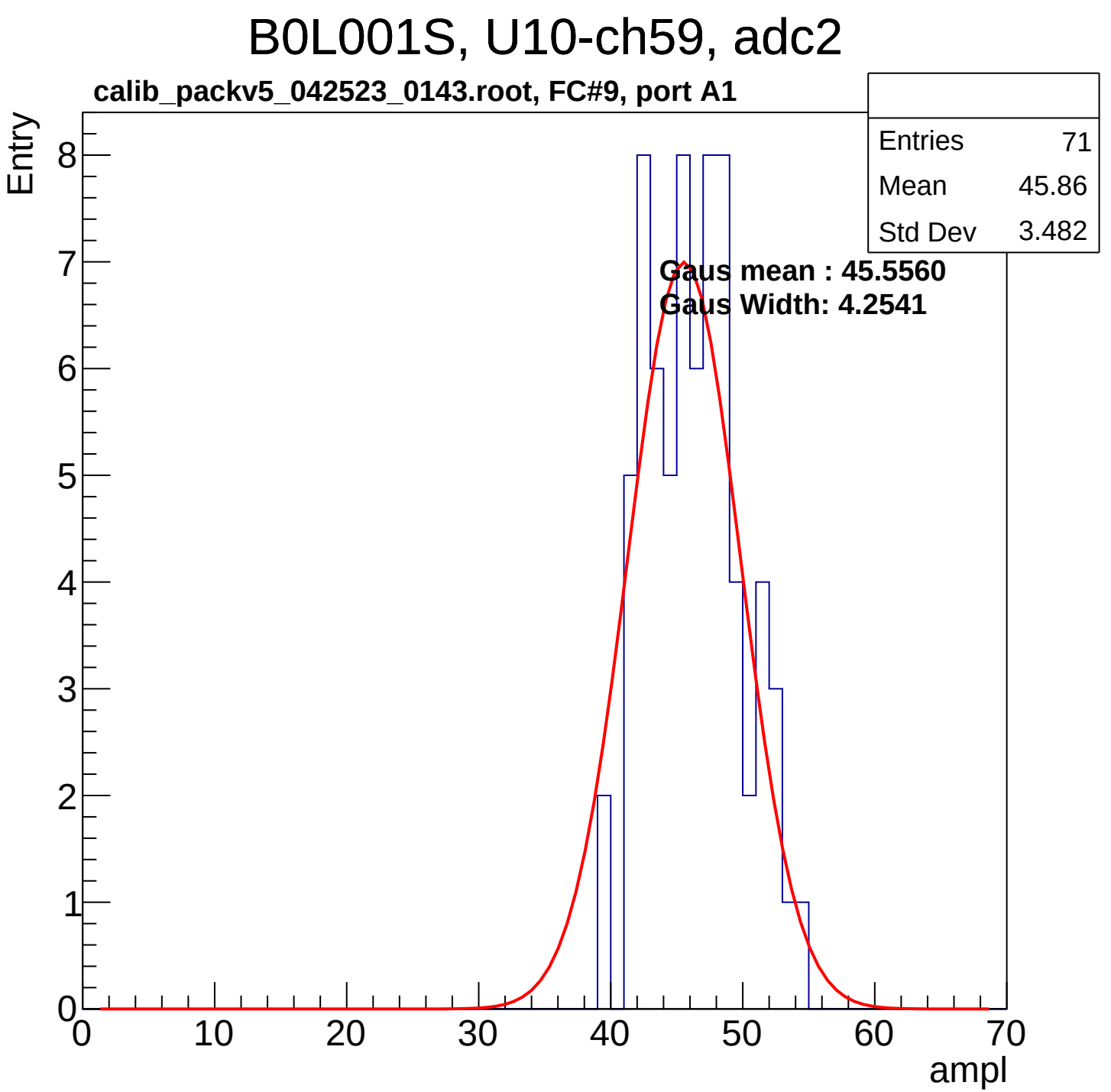

B0L001S, U10-ch59, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 38.16
Std Dev 3.335
Gaus mean : 39.4544
Gaus Width: 3.3096
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch59, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 45.86
Std Dev 3.482
Gaus mean : 45.5560
Gaus Width: 4.2541
Entry
ampl
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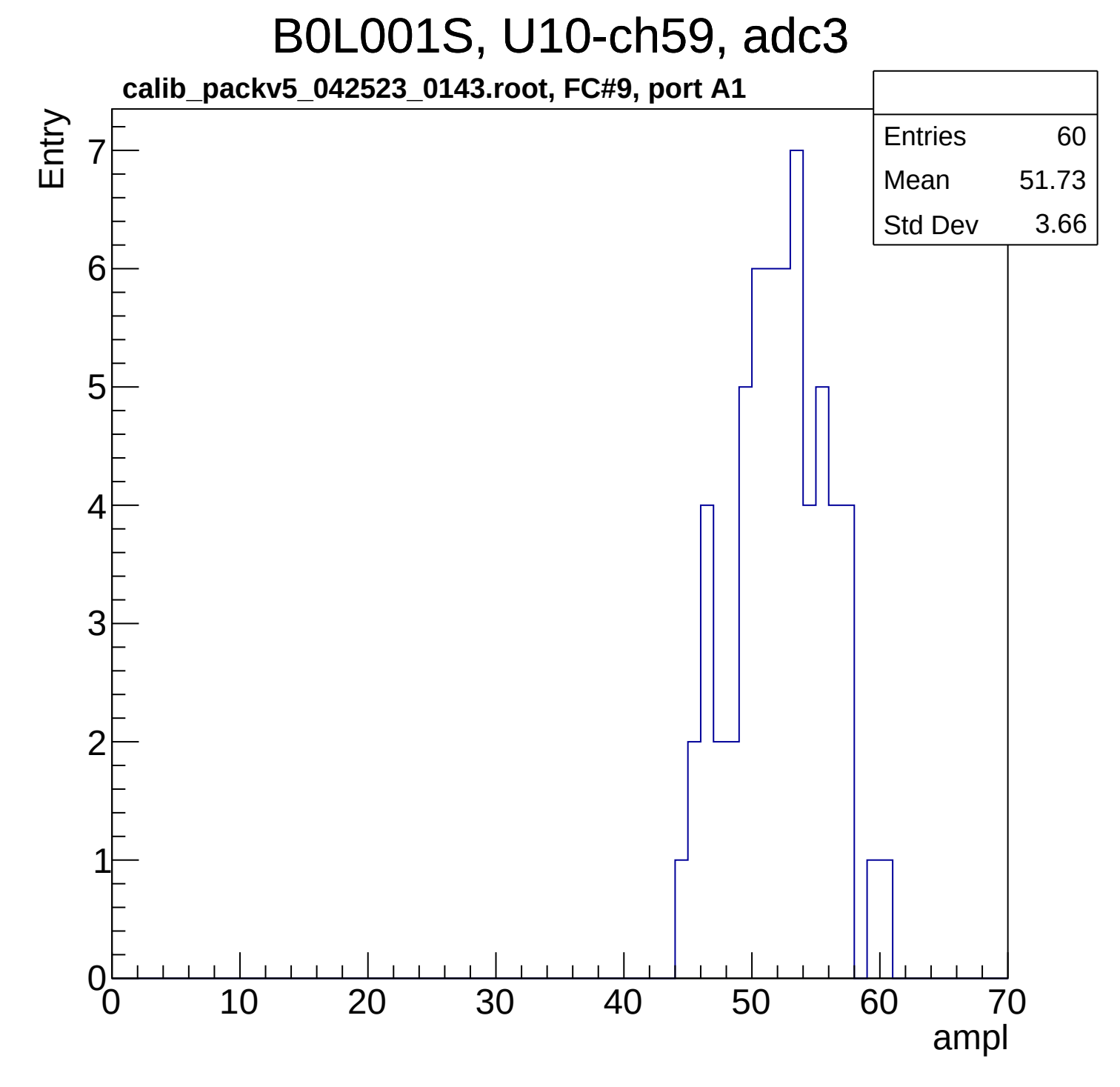
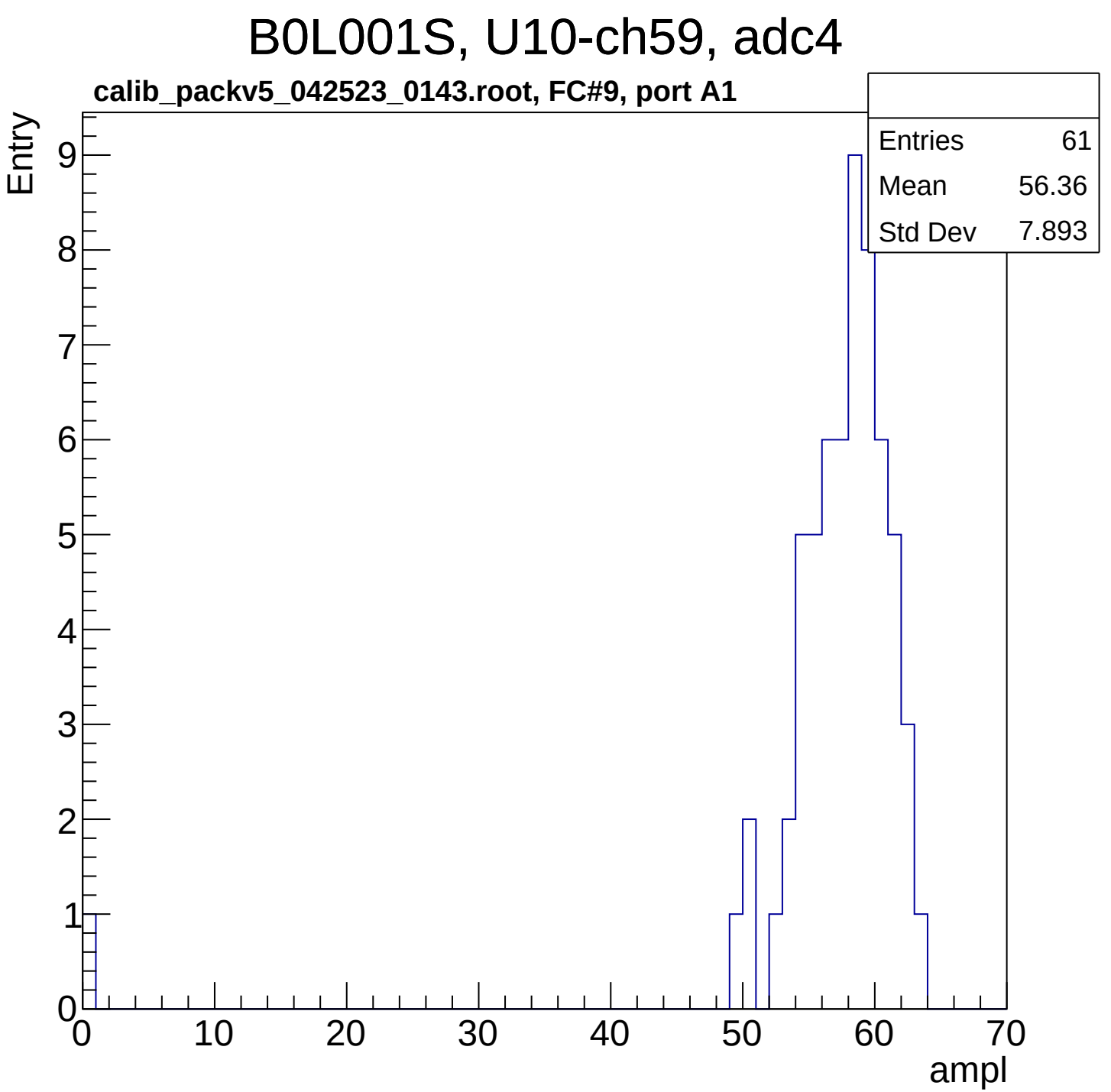
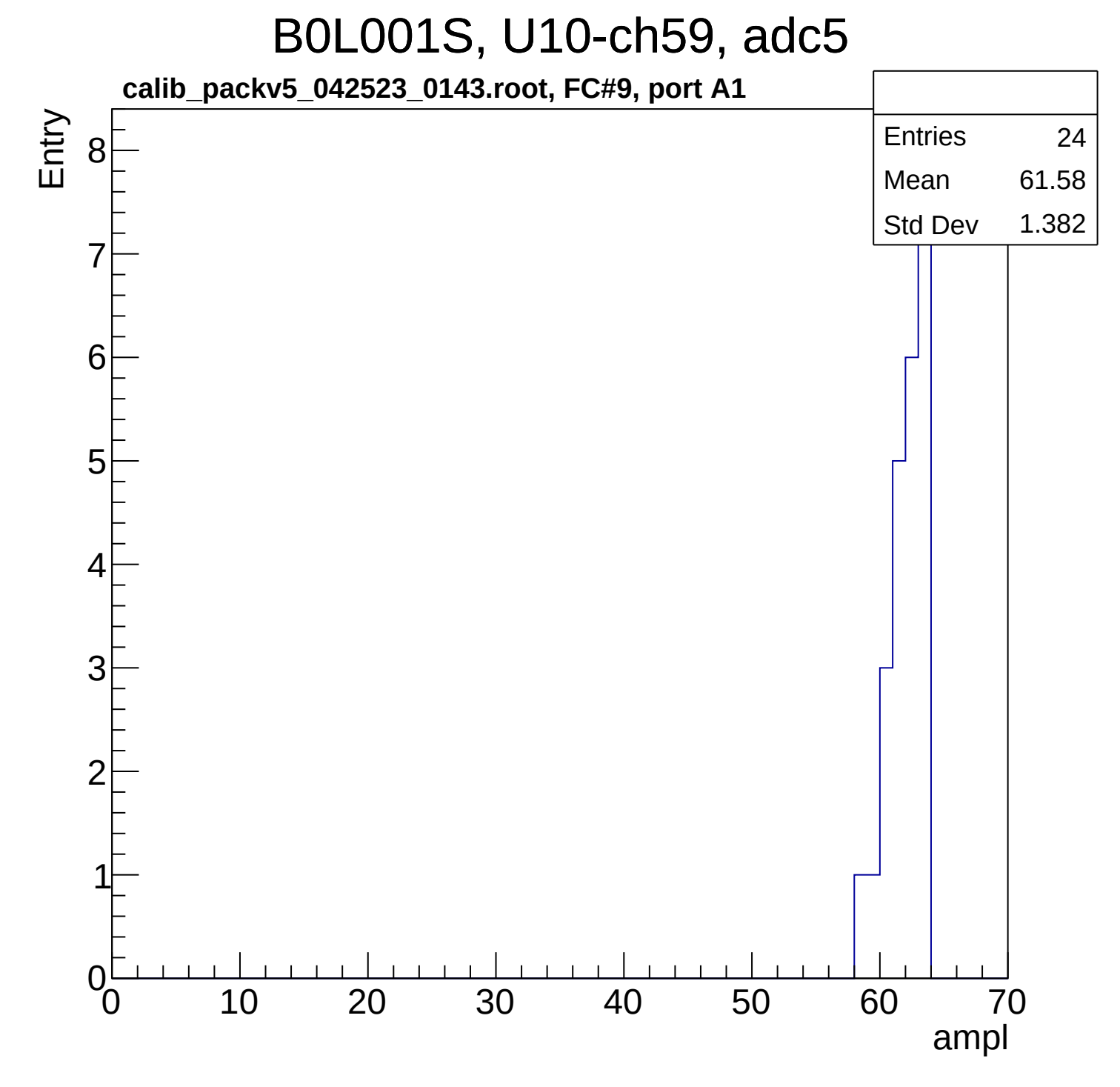
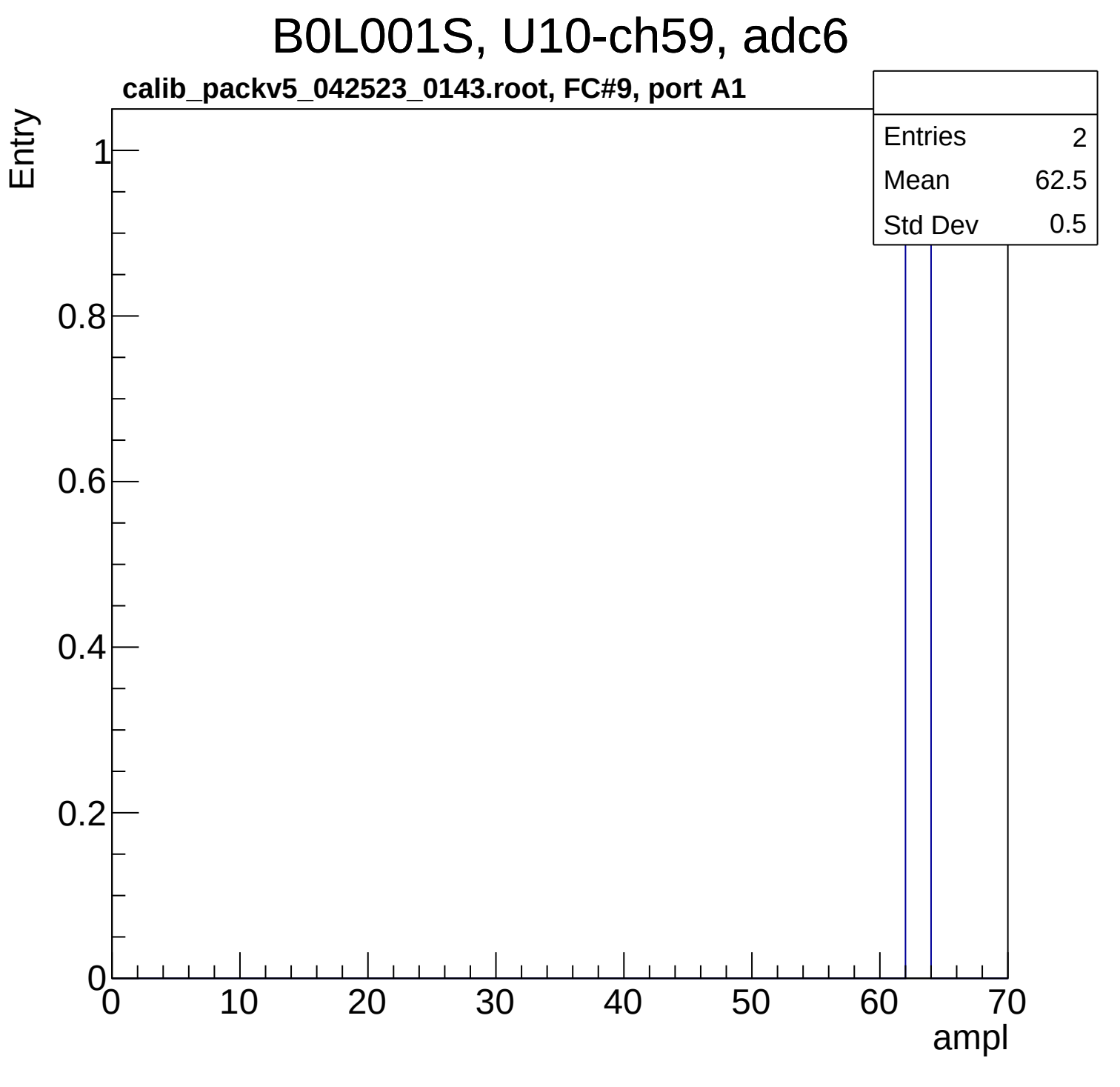
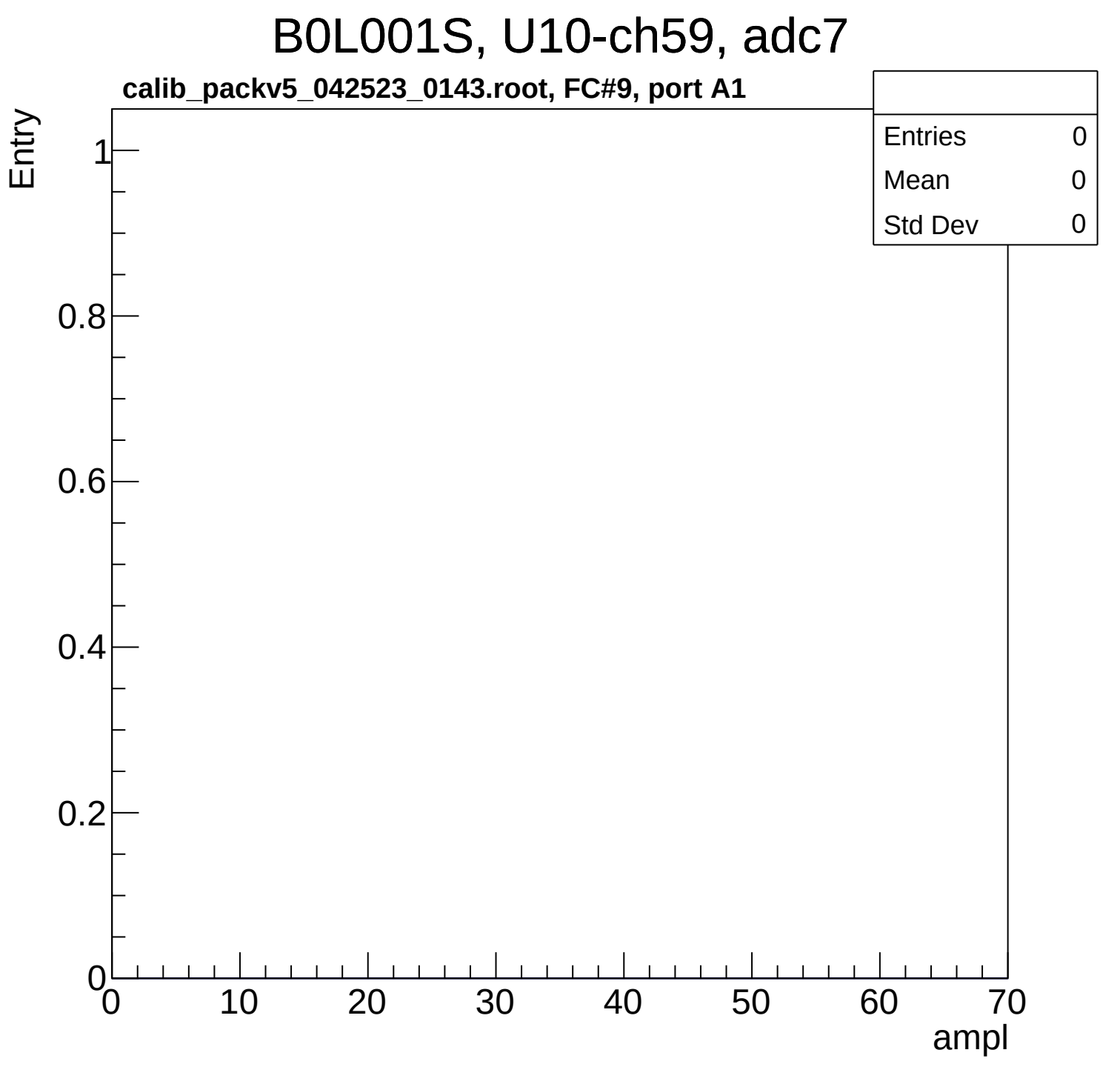
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

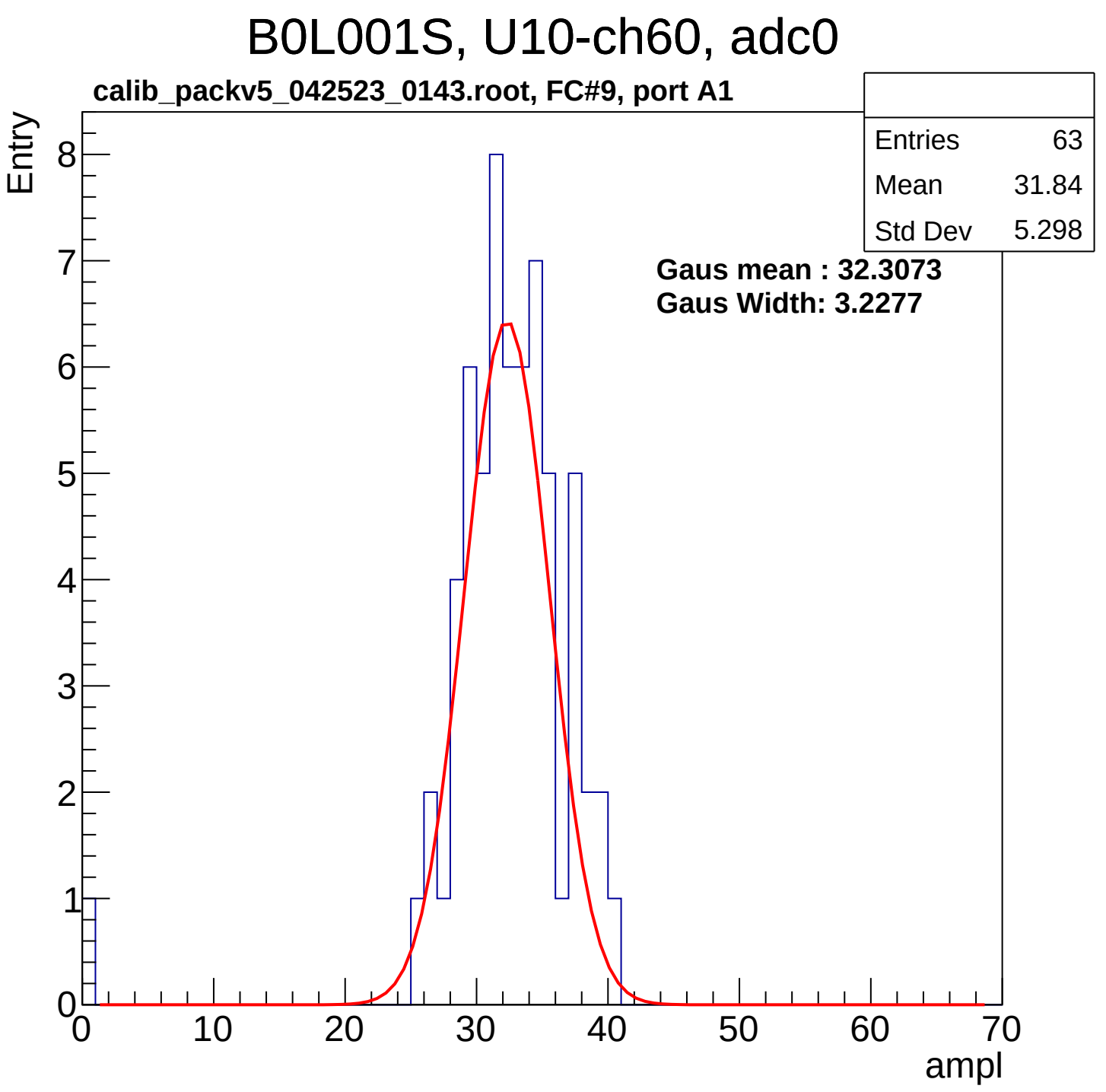

B0L001S, U10-ch59, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 51.73
Std Dev 3.66
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

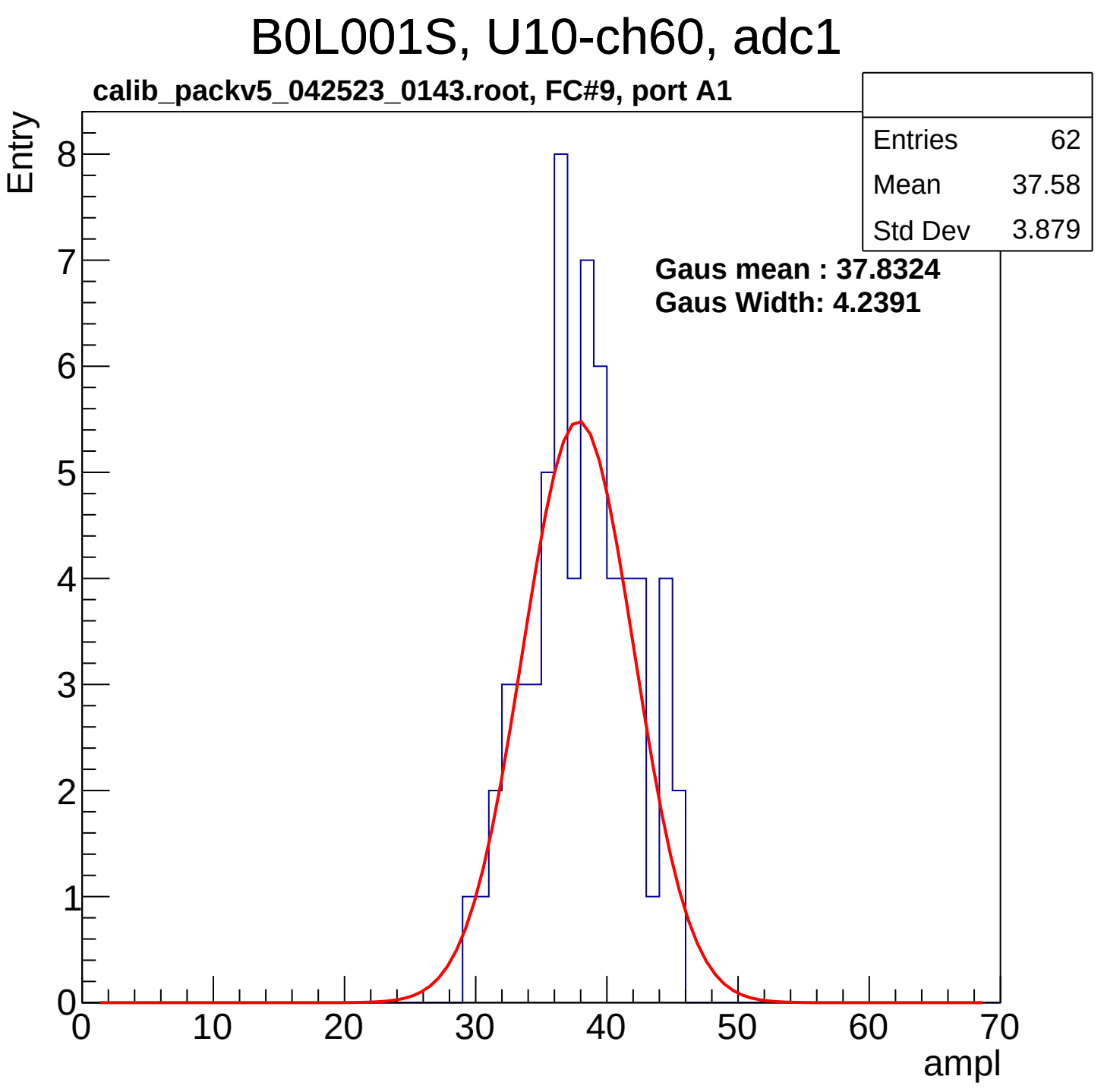

B0L001S, U10-ch59, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 56.36
Std Dev 7.893
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

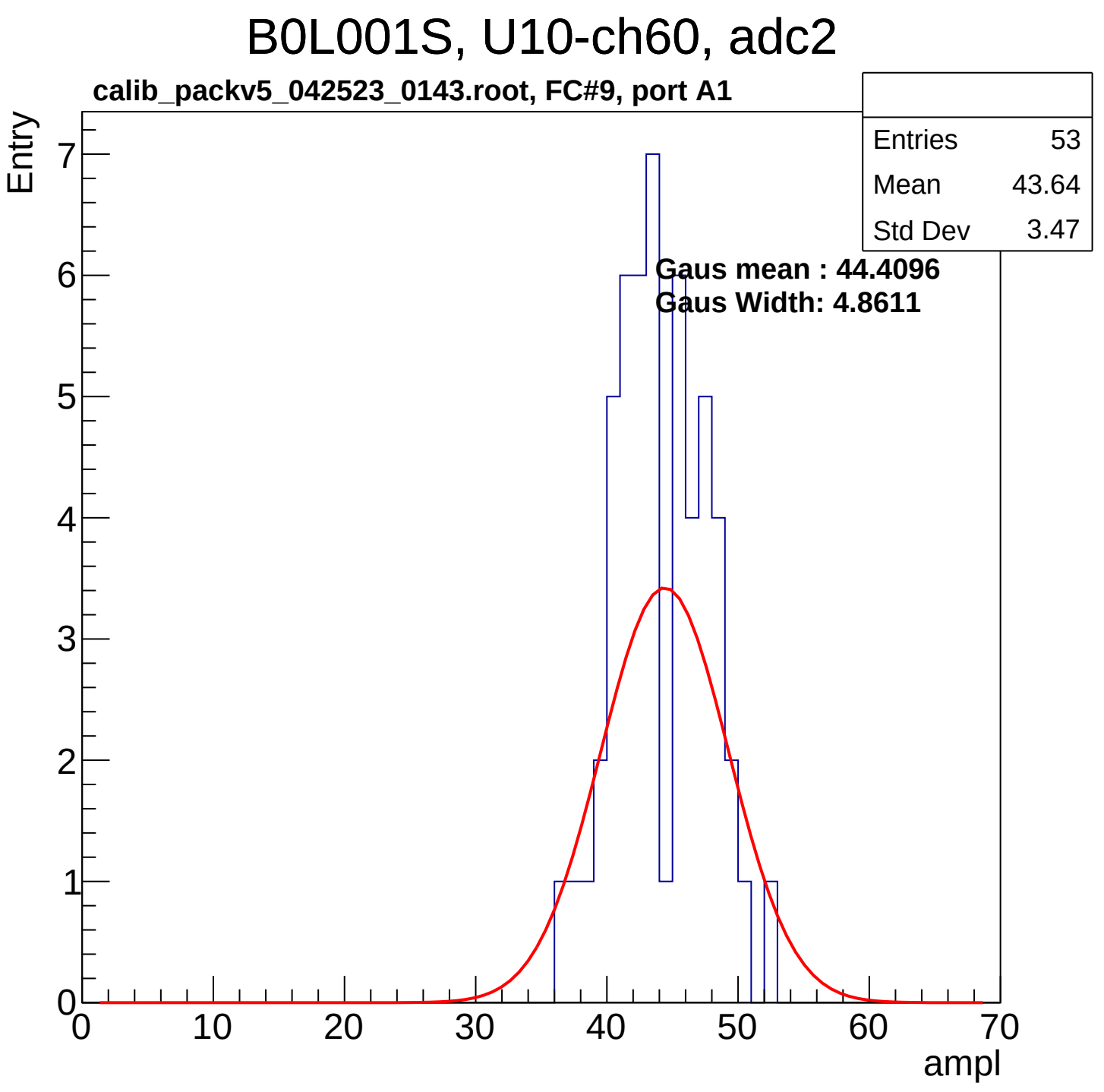

B0L001S, U10-ch59, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 61.58
Std Dev 1.382
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch59, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch59, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch60, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 31.84
Std Dev 5.298
Gaus mean : 32.3073
Gaus Width: 3.2277
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch60, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 37.58
Std Dev 3.879
Gaus mean : 37.8324
Gaus Width: 4.2391
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch60, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 43.64
Std Dev 3.47
Gaus mean : 44.4096
Gaus Width: 4.8611
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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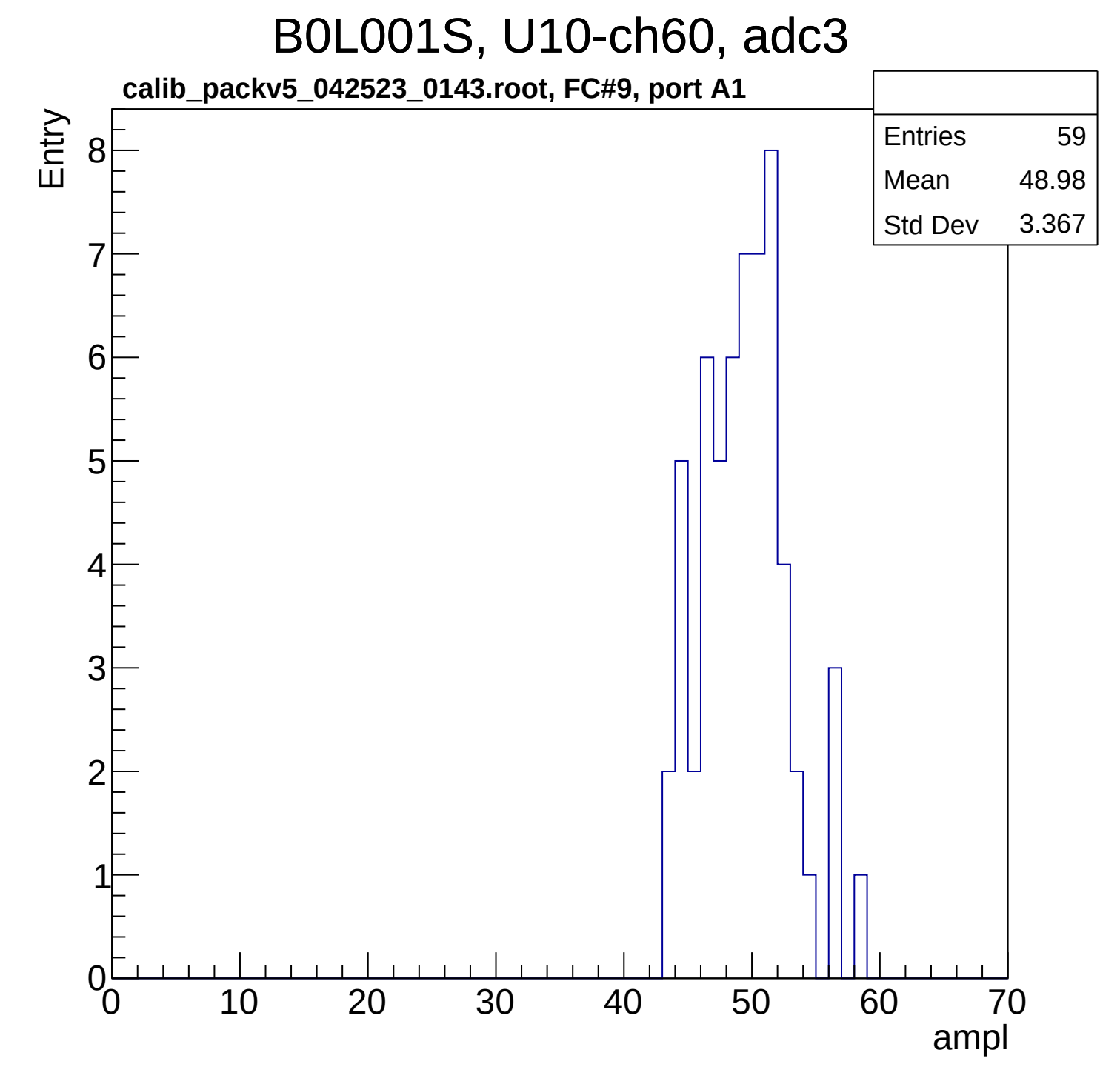
B0L001S, U10-ch60, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 48.98
Std Dev 3.367
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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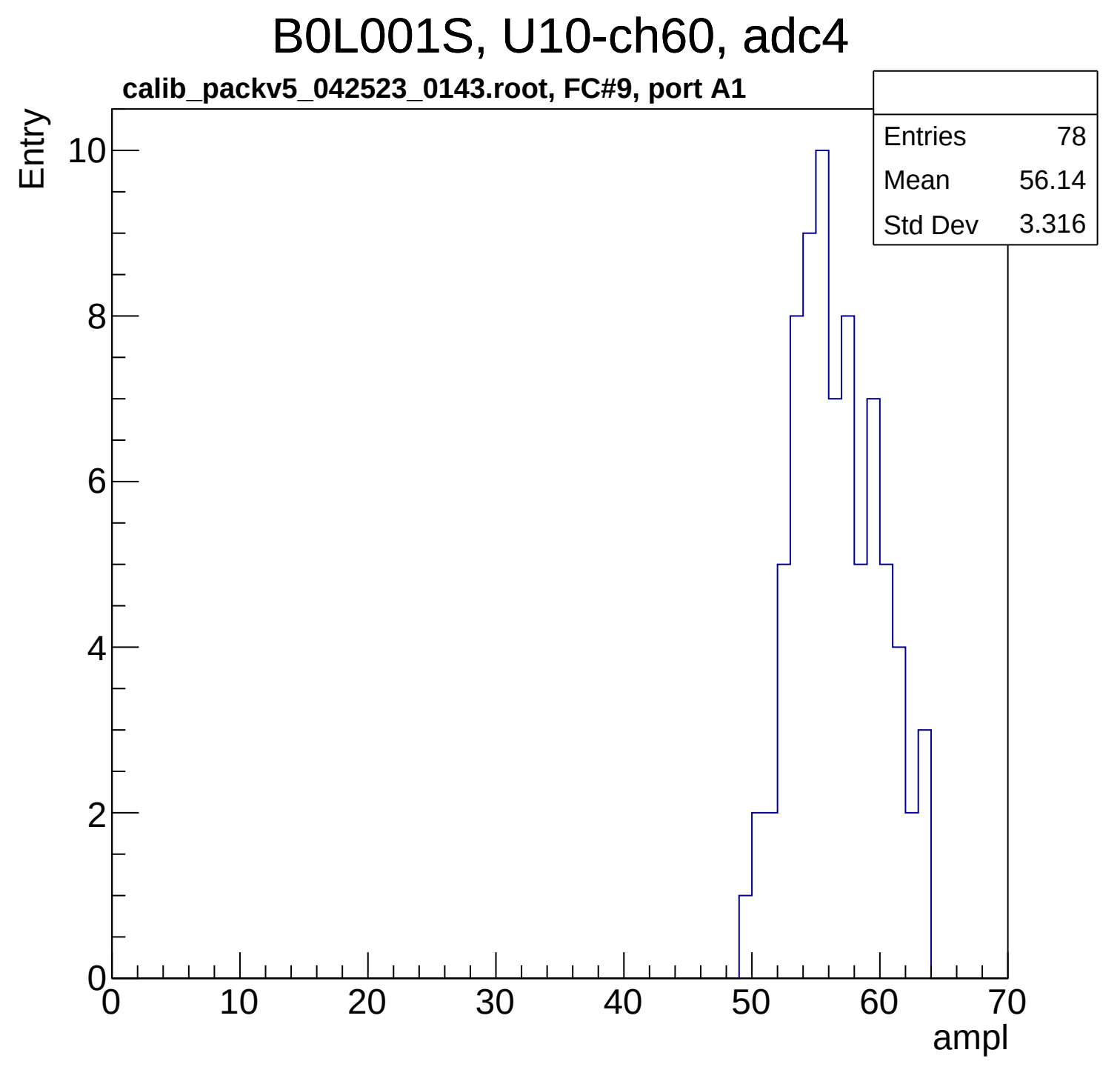
B0L001S, U10-ch60, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 56.14
Std Dev 3.316
Entry
ampl
0
2
4
6
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0
10
20
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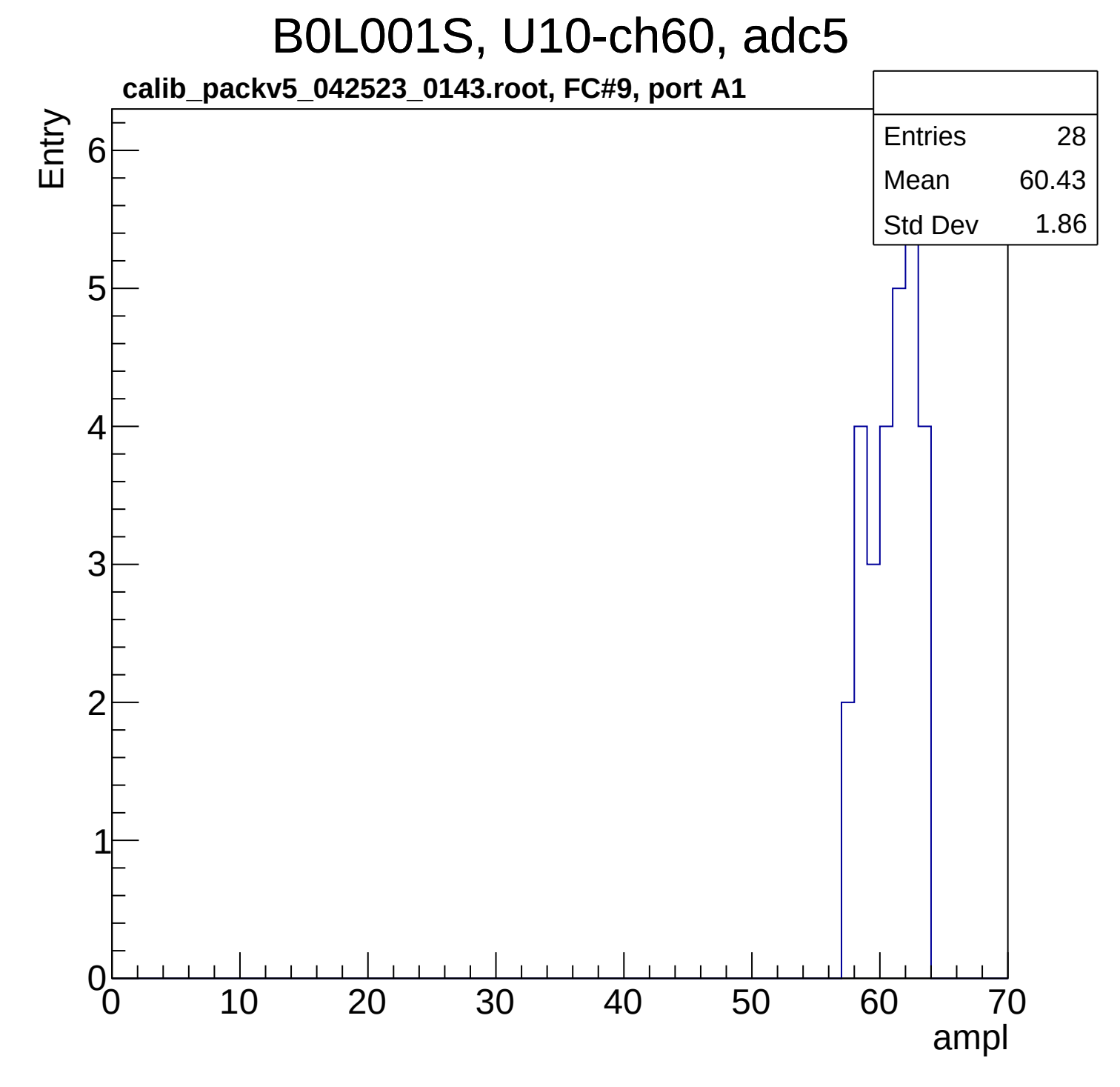
40
50
60
70


B0L001S, U10-ch60, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 60.43
Std Dev 1.86
Entry
0
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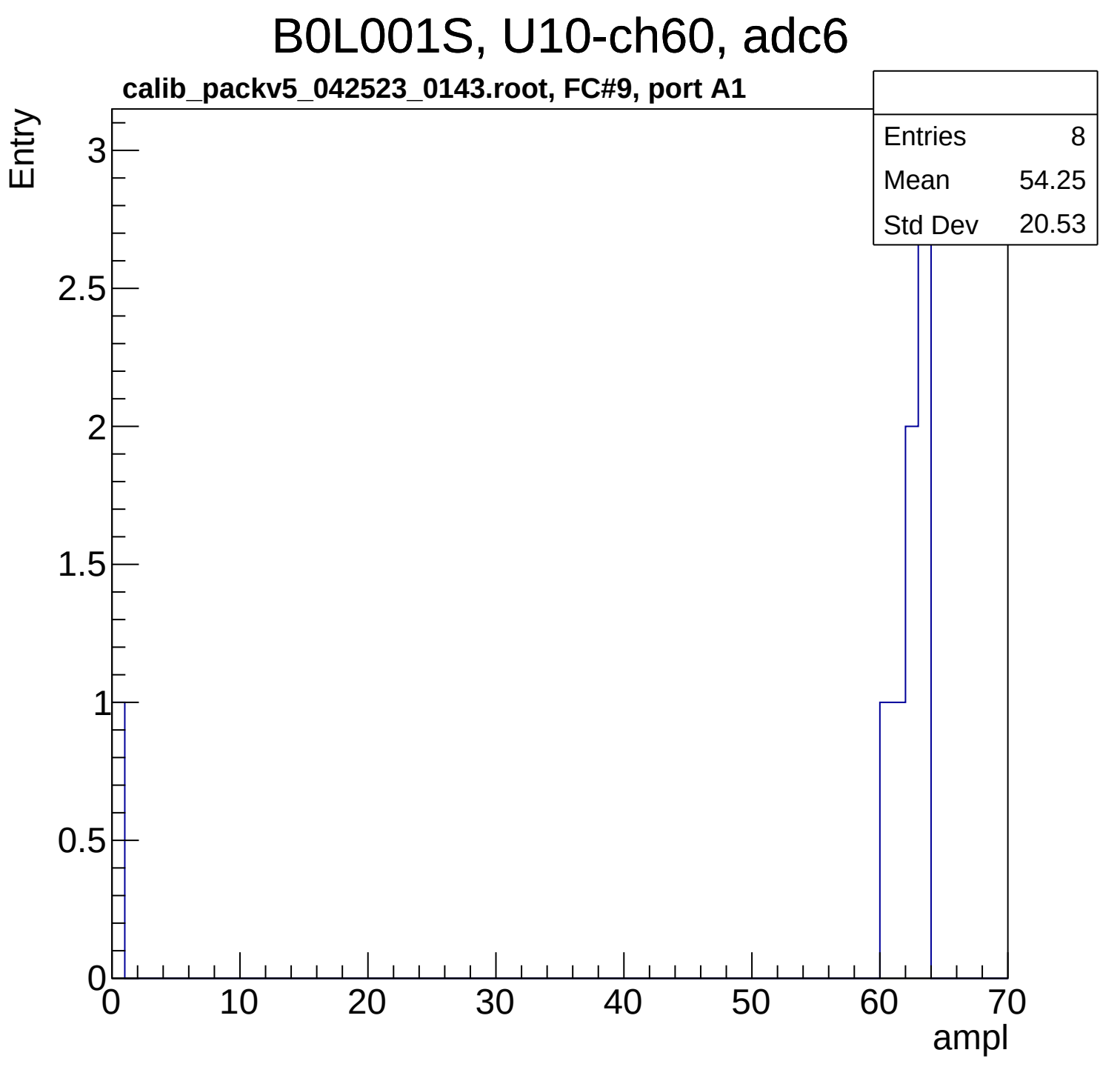
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch60, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 54.25
Std Dev 20.53
Entry
ampl
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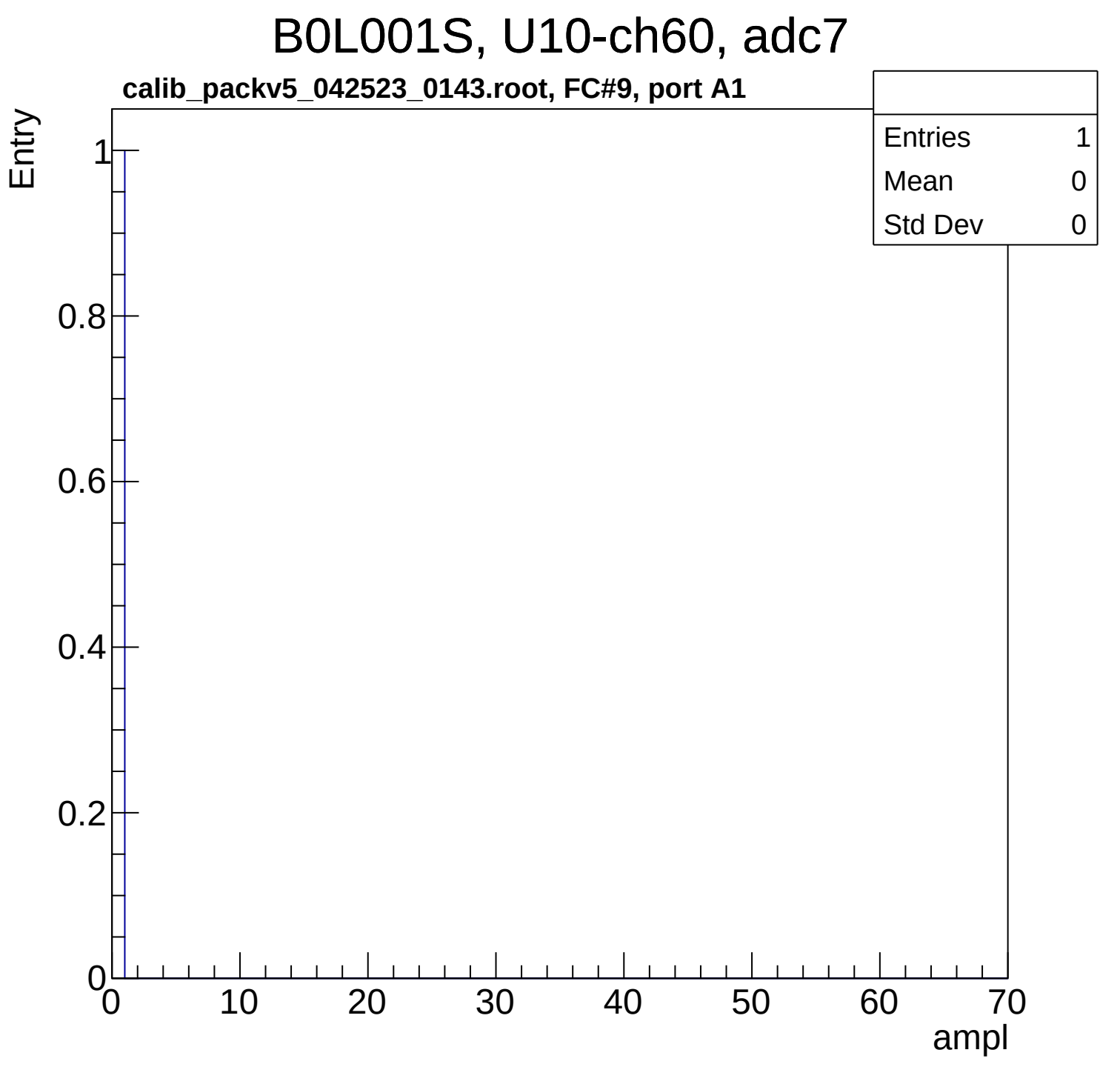
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch60, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
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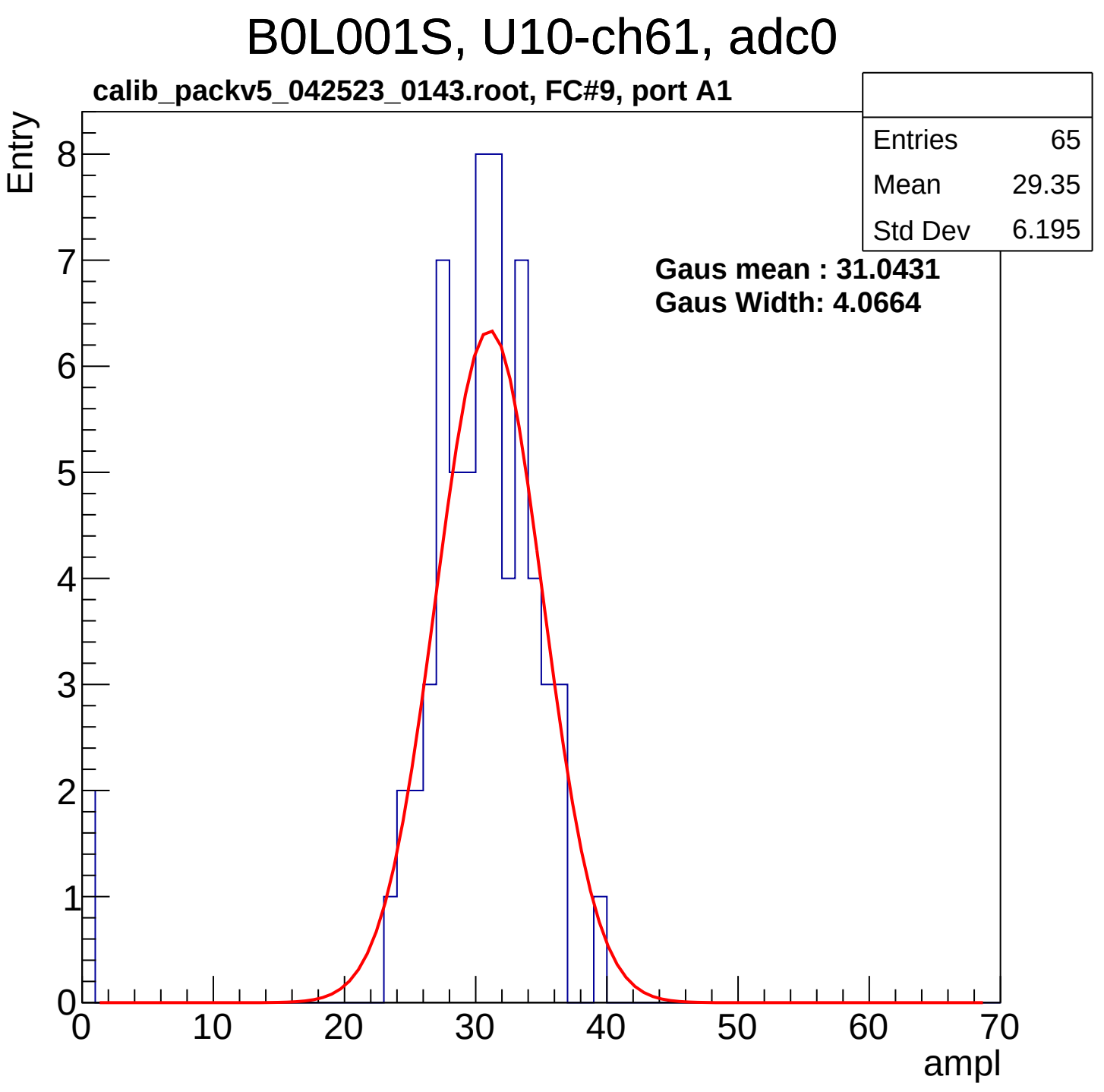
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch61, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 29.35
Std Dev 6.195
Gaus mean : 31.0431
Gaus Width: 4.0664
Entry
ampl
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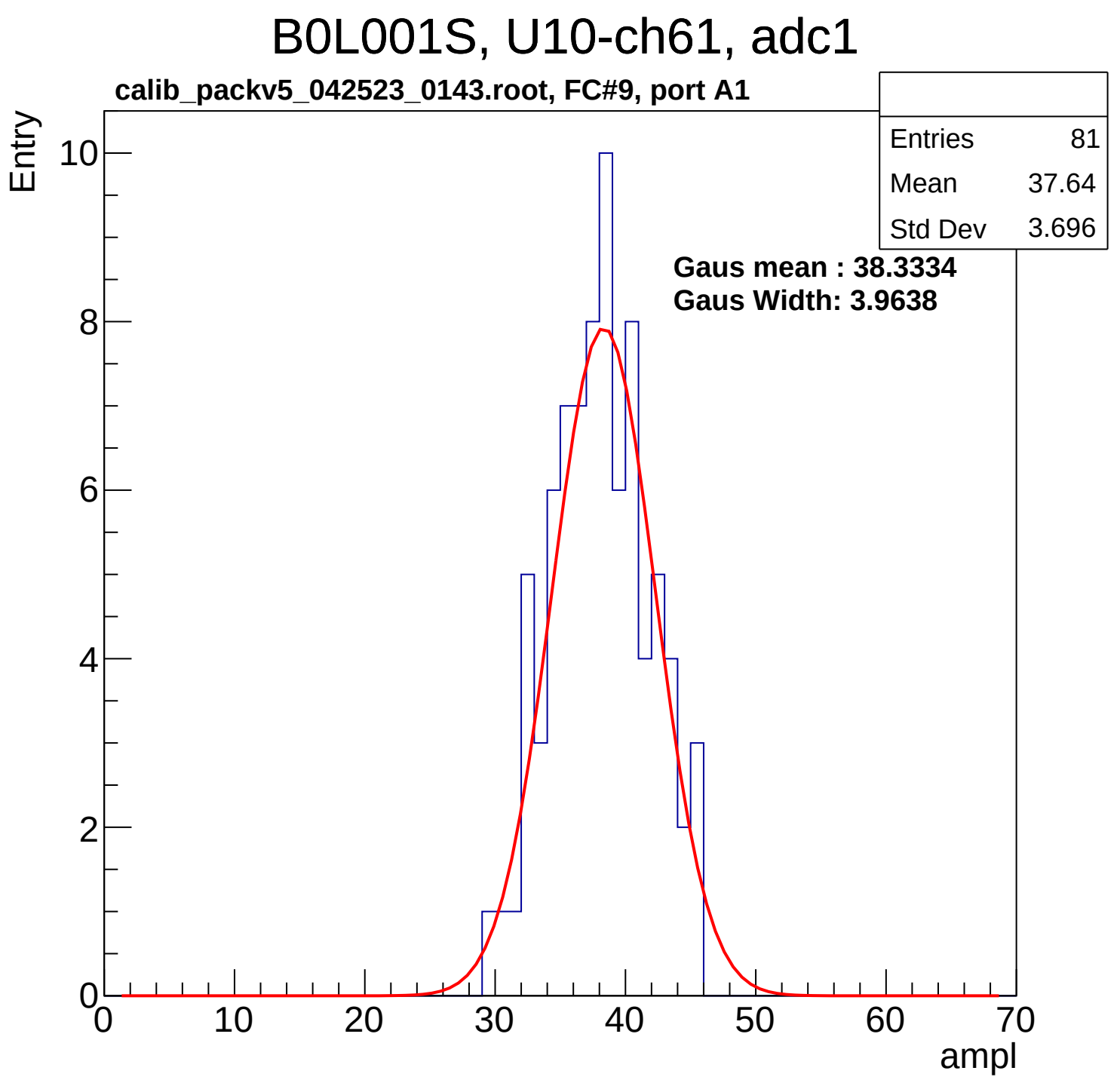
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch61, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 37.64
Std Dev 3.696
Gaus mean : 38.3334
Gaus Width: 3.9638
Entry
ampl
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4
6
8
10
0
10
20
30
40
50
60
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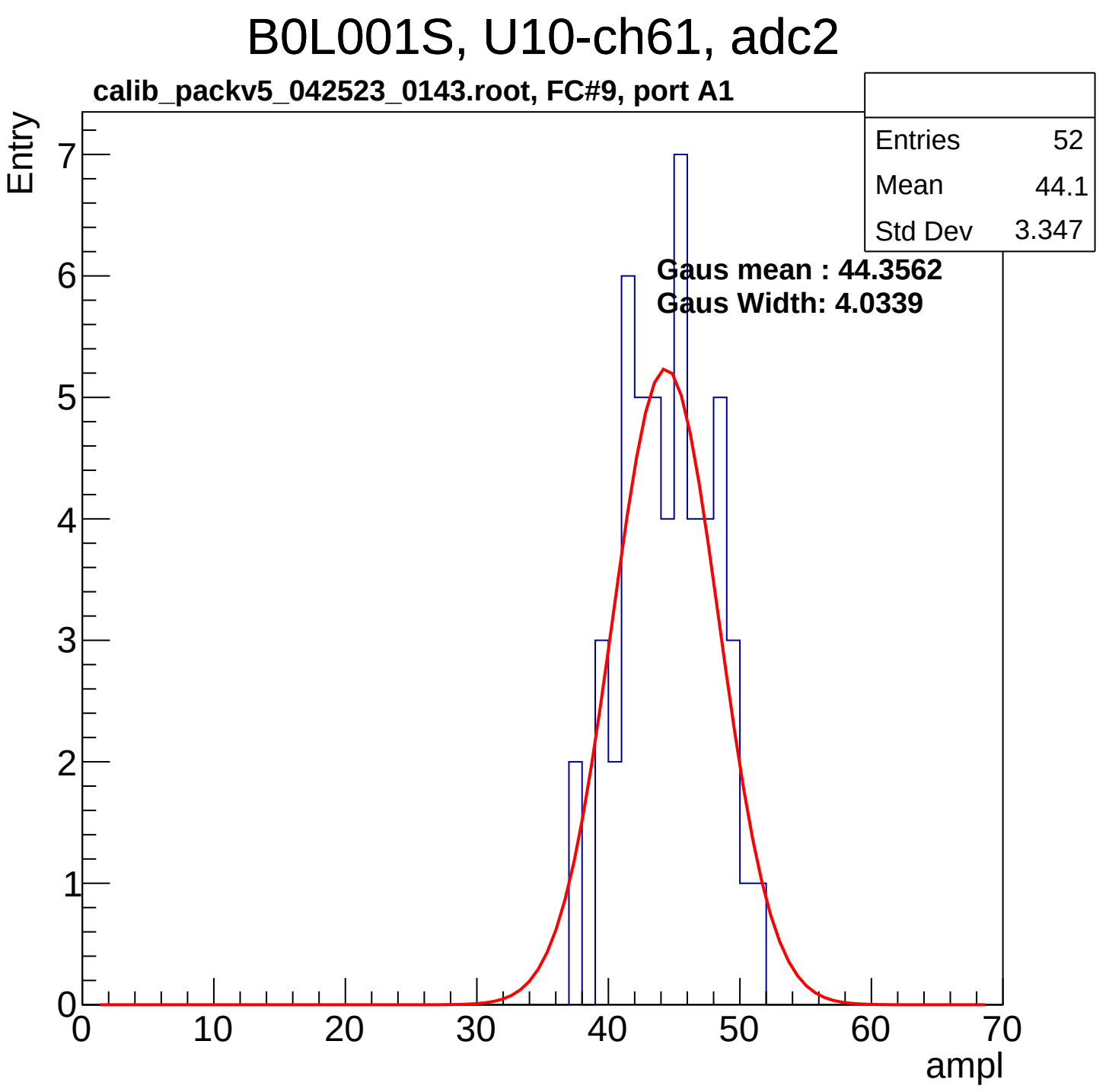
B0L001S, U10-ch61, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 44.1
Std Dev 3.347
Gaus mean : 44.3562
Gaus Width: 4.0339
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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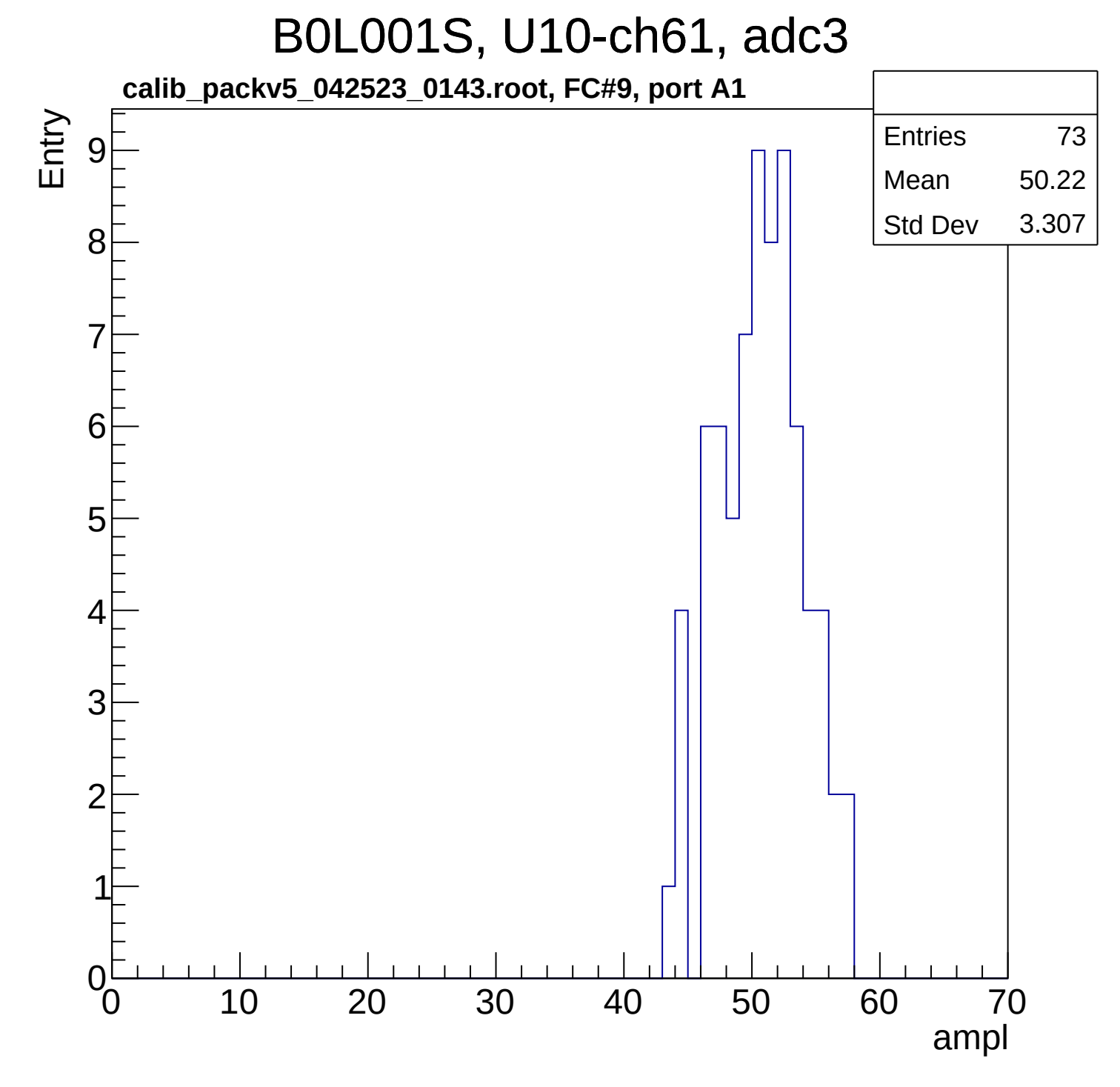
B0L001S, U10-ch61, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 50.22
Std Dev 3.307
Entry
ampl
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4
5
6
7
8
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0
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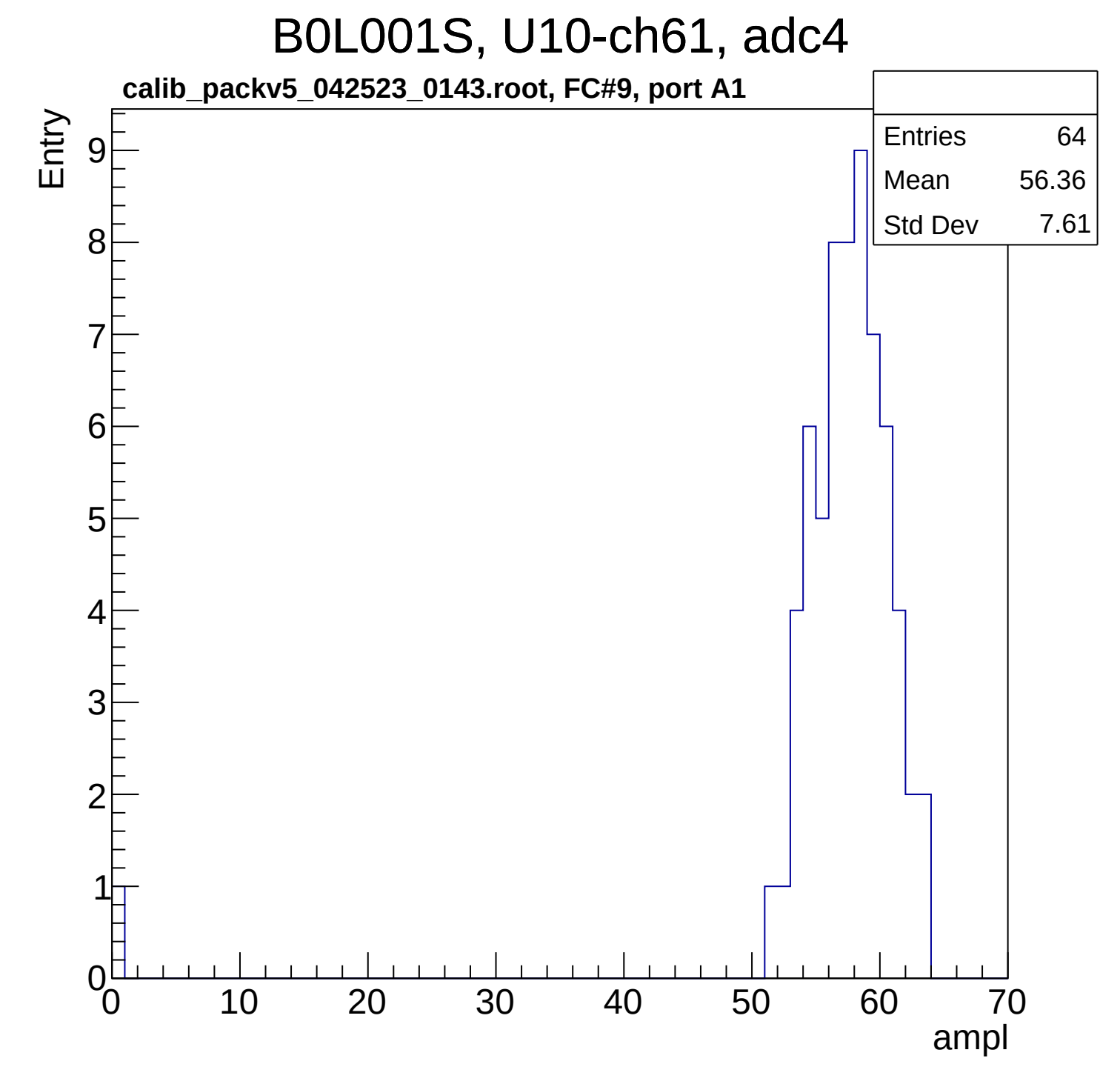
B0L001S, U10-ch61, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 56.36
Std Dev 7.61
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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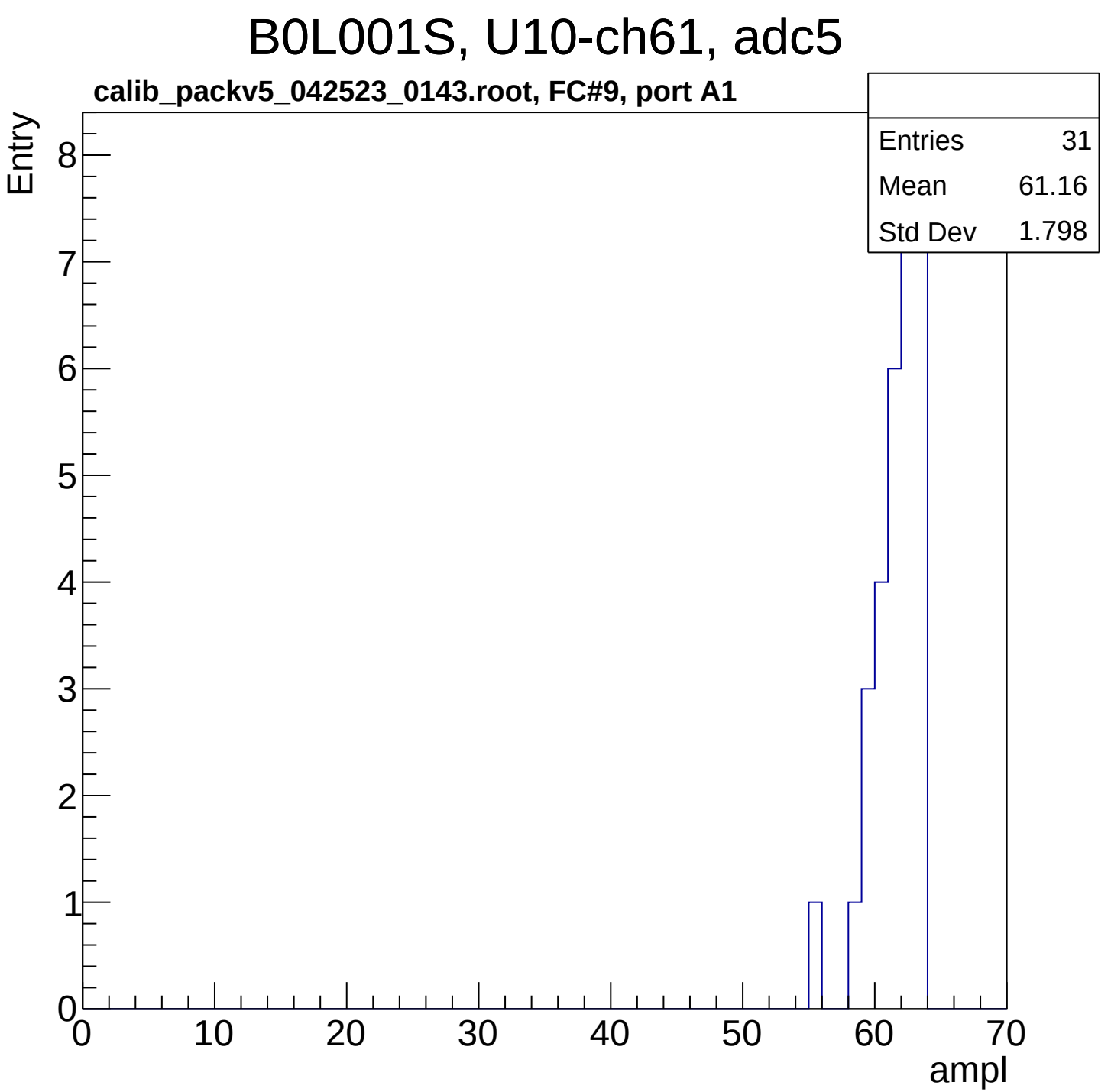
B0L001S, U10-ch61, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 61.16
Std Dev 1.798
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
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60
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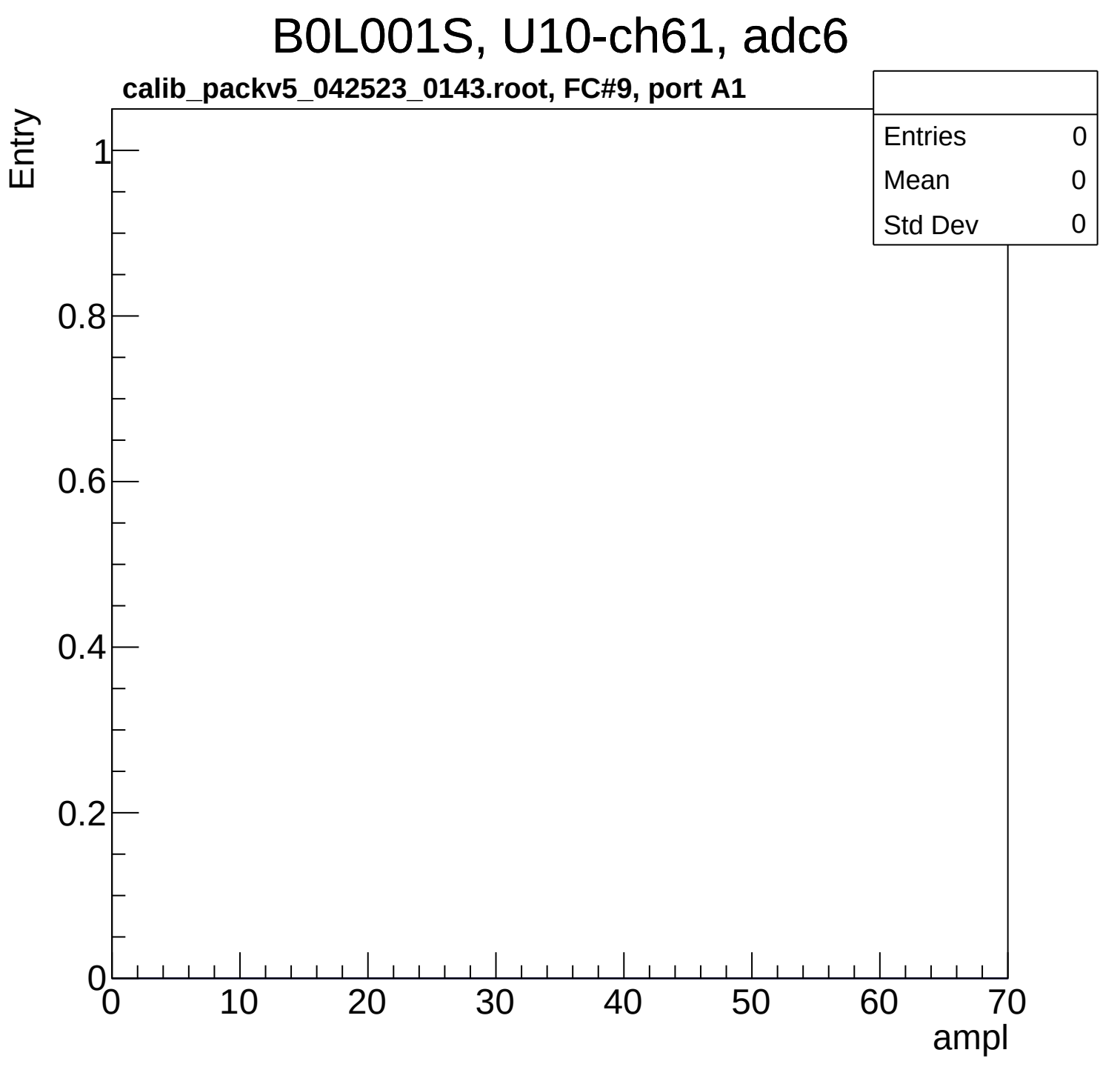
B0L001S, U10-ch61, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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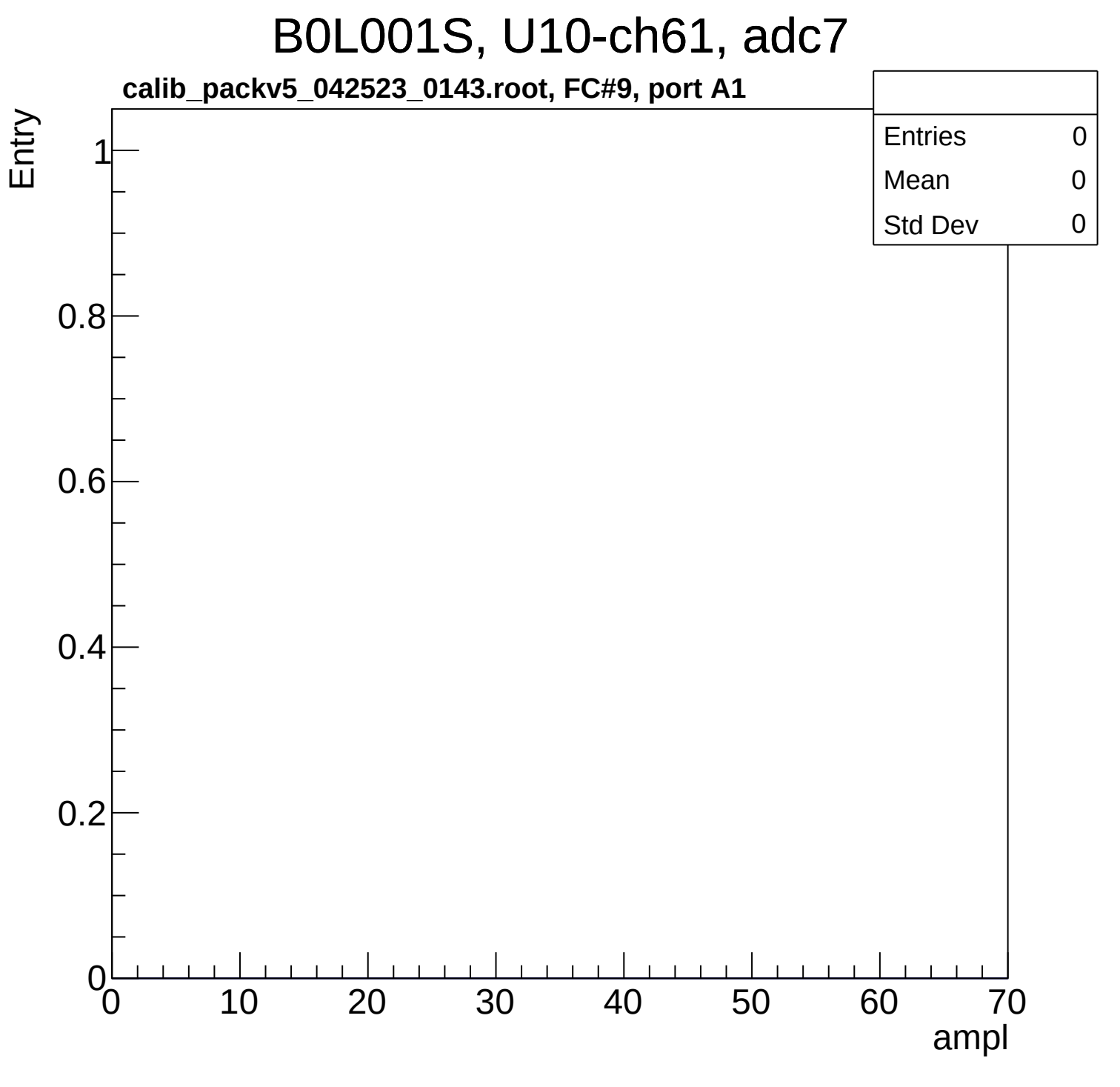
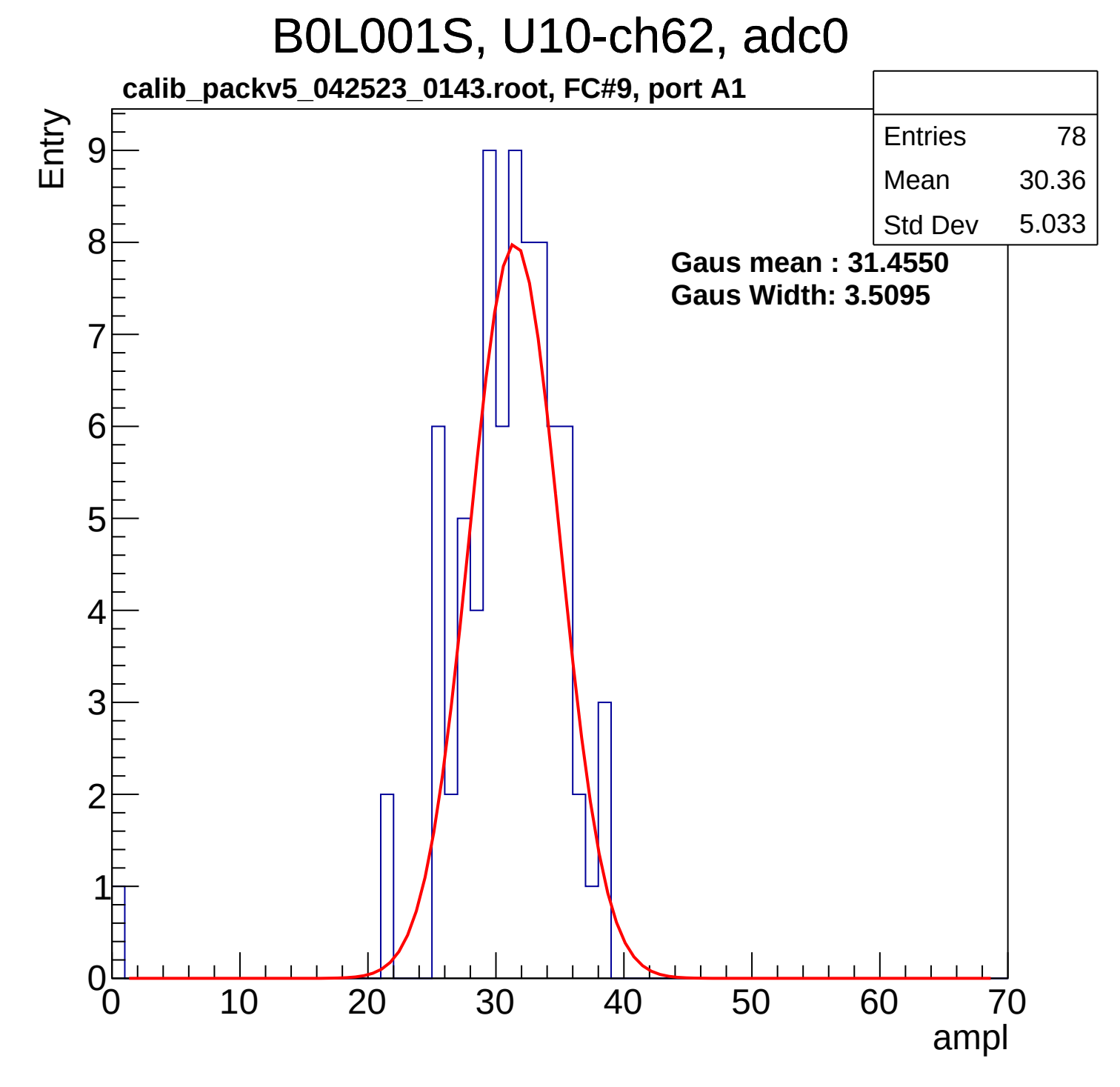
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch61, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch62, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 30.36
Std Dev 5.033
Gaus mean : 31.4550
Gaus Width: 3.5095
Entry
ampl
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2
3
4
5
6
7
8
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0
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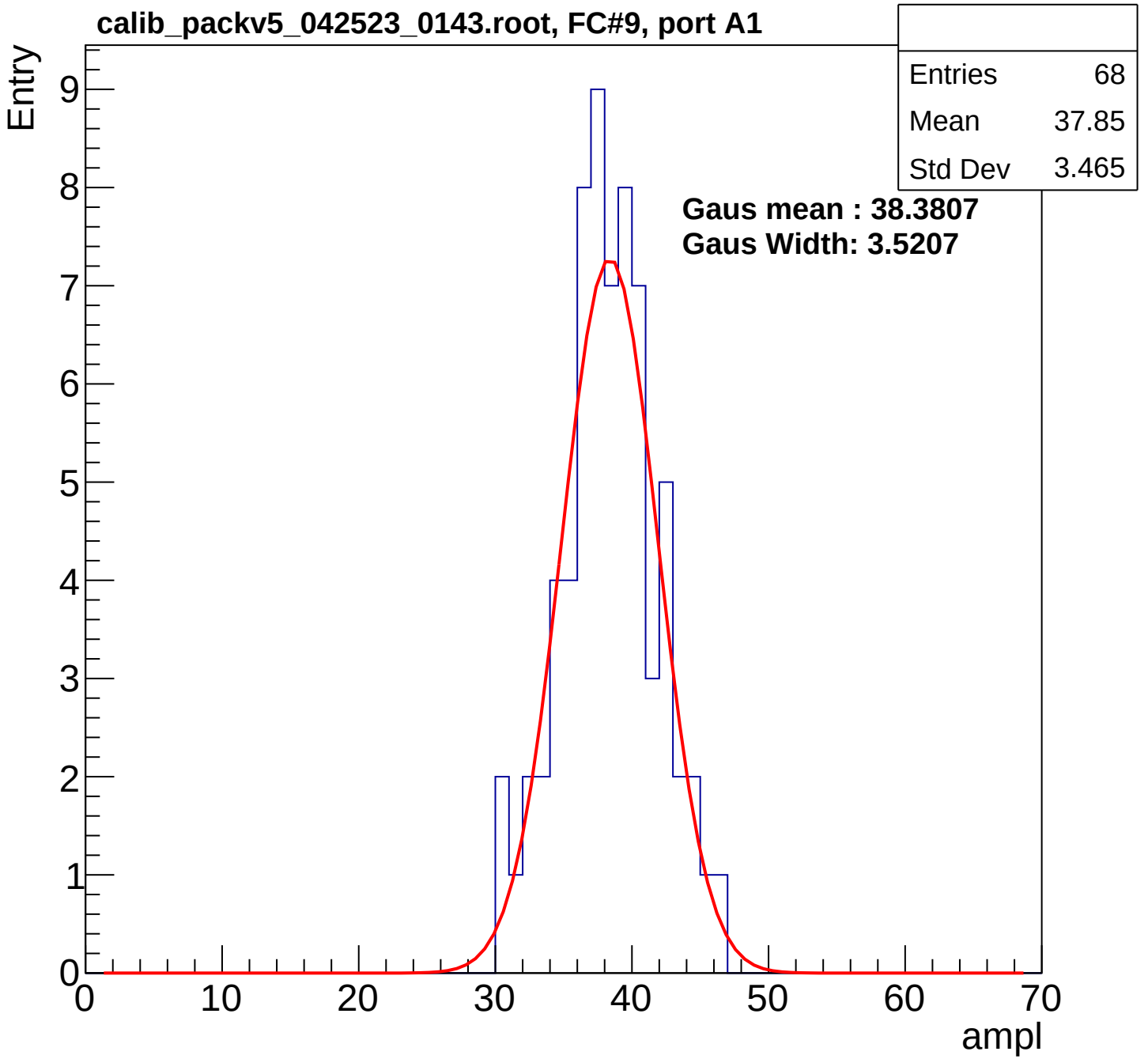
B0L001S, U10-ch62, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 37.85
Std Dev 3.465
Gaus mean : 38.3807
Gaus Width: 3.5207
Entry
ampl
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2
3
4
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6
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8
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0
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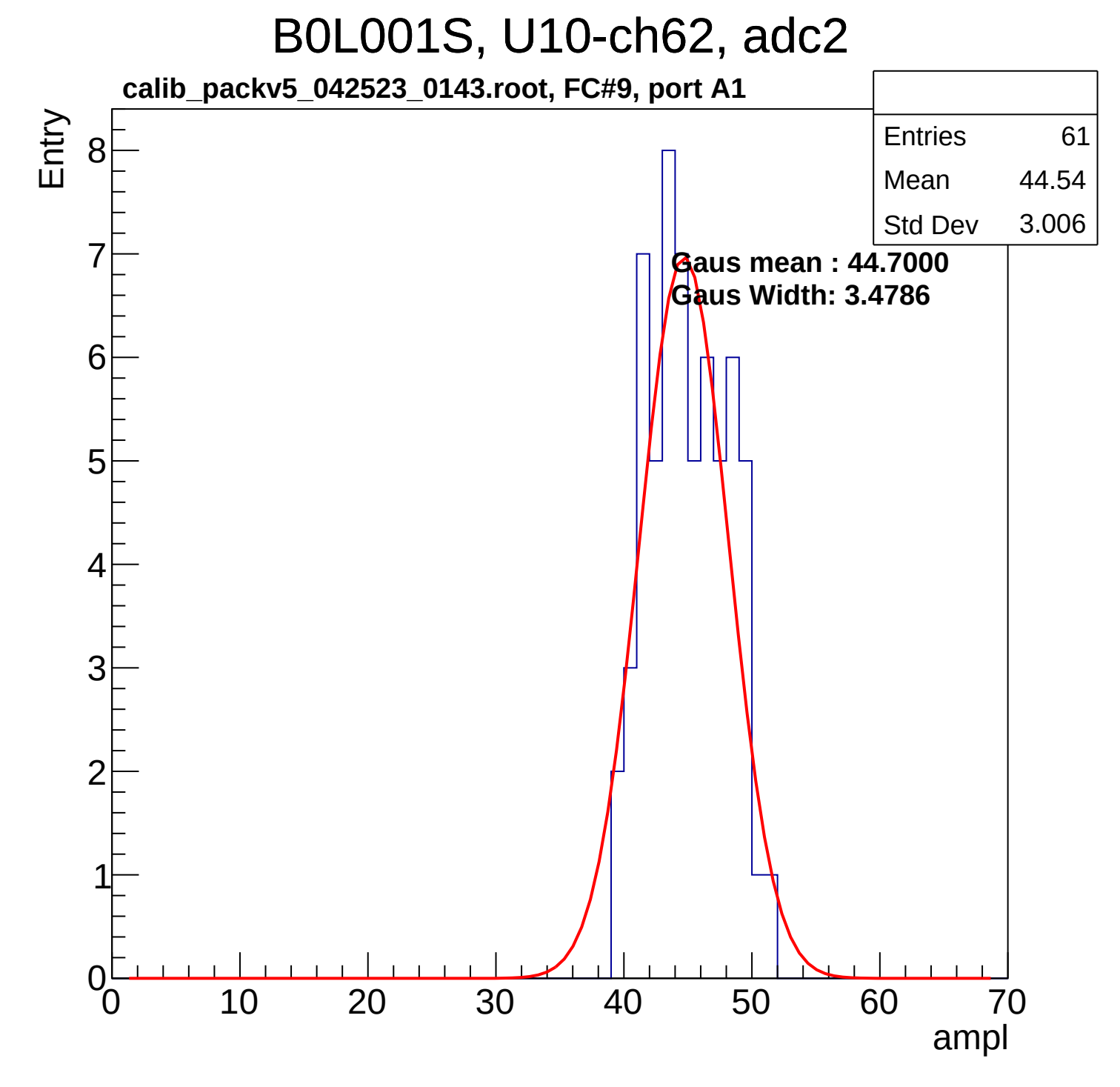
B0L001S, U10-ch62, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 44.54
Std Dev 3.006
Gaus mean : 44.7000
Gaus Width: 3.4786
Entry
ampl
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3
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5
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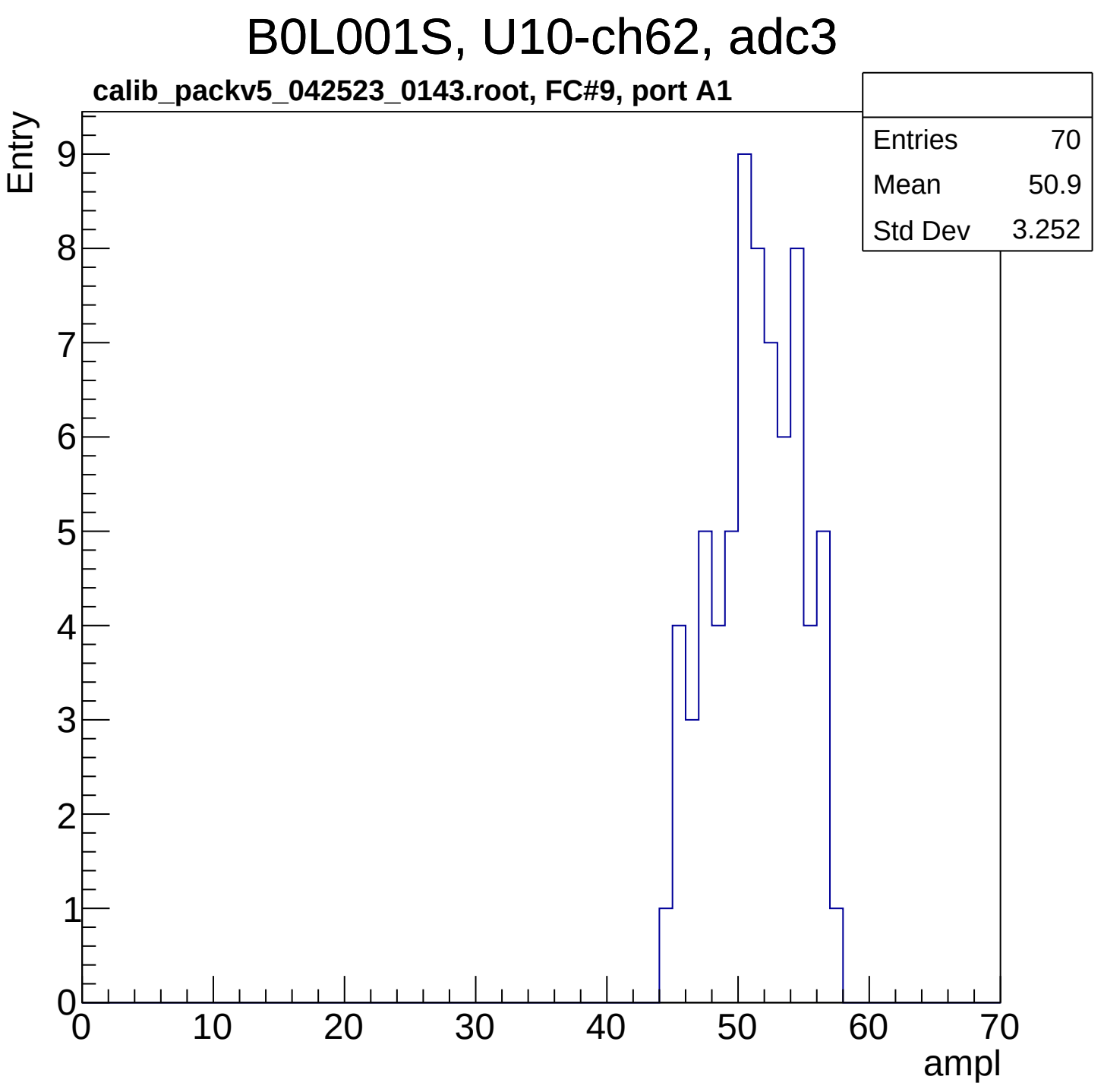
B0L001S, U10-ch62, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 50.9
Std Dev 3.252
Entry
0
1
2
3
4
5
6
7
8
9
0
10
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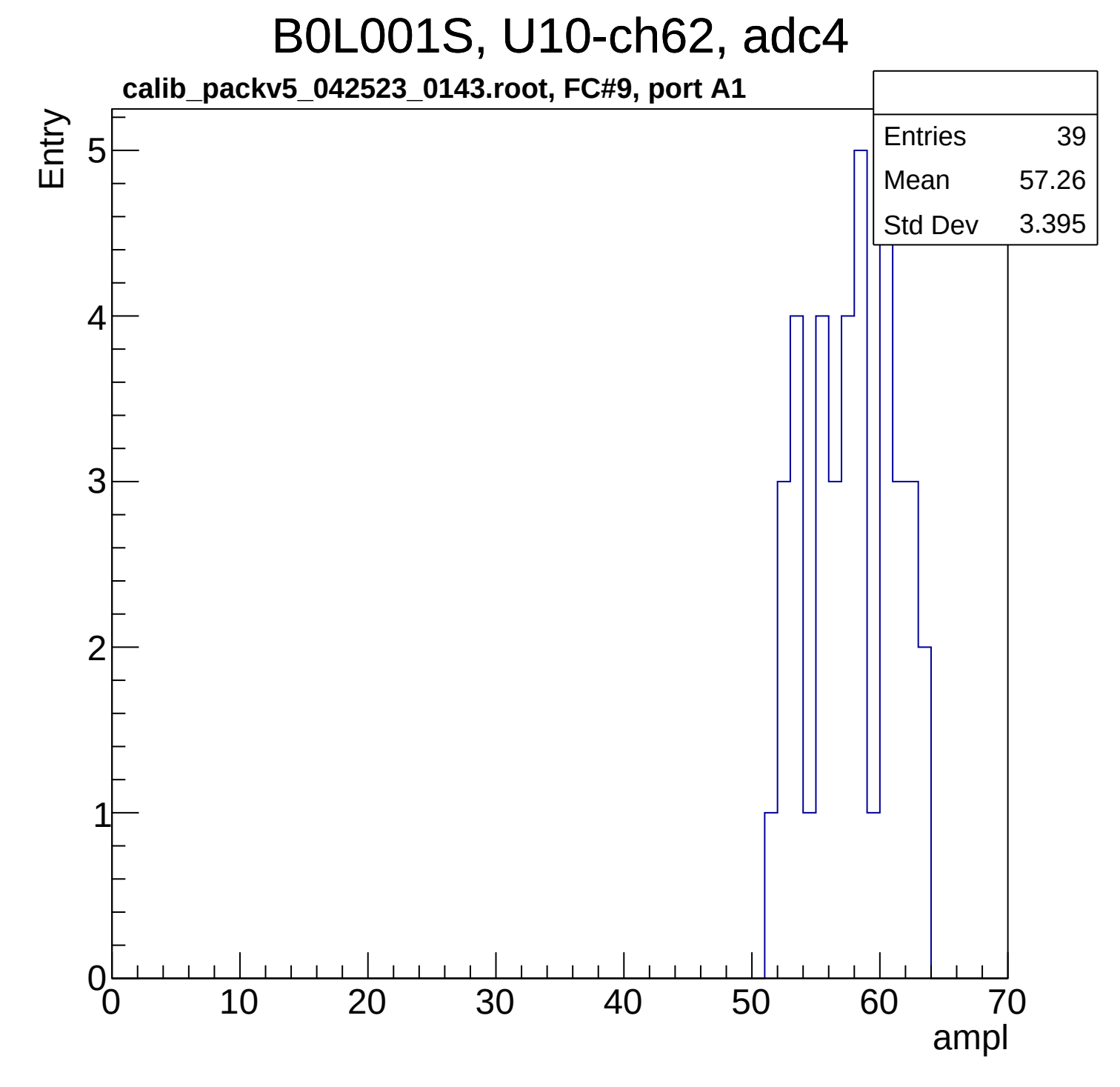
40
50
60
70
ampl


B0L001S, U10-ch62, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 57.26
Std Dev 3.395
Entry
ampl
0
1
2
3
4
5
0
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20
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40
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60
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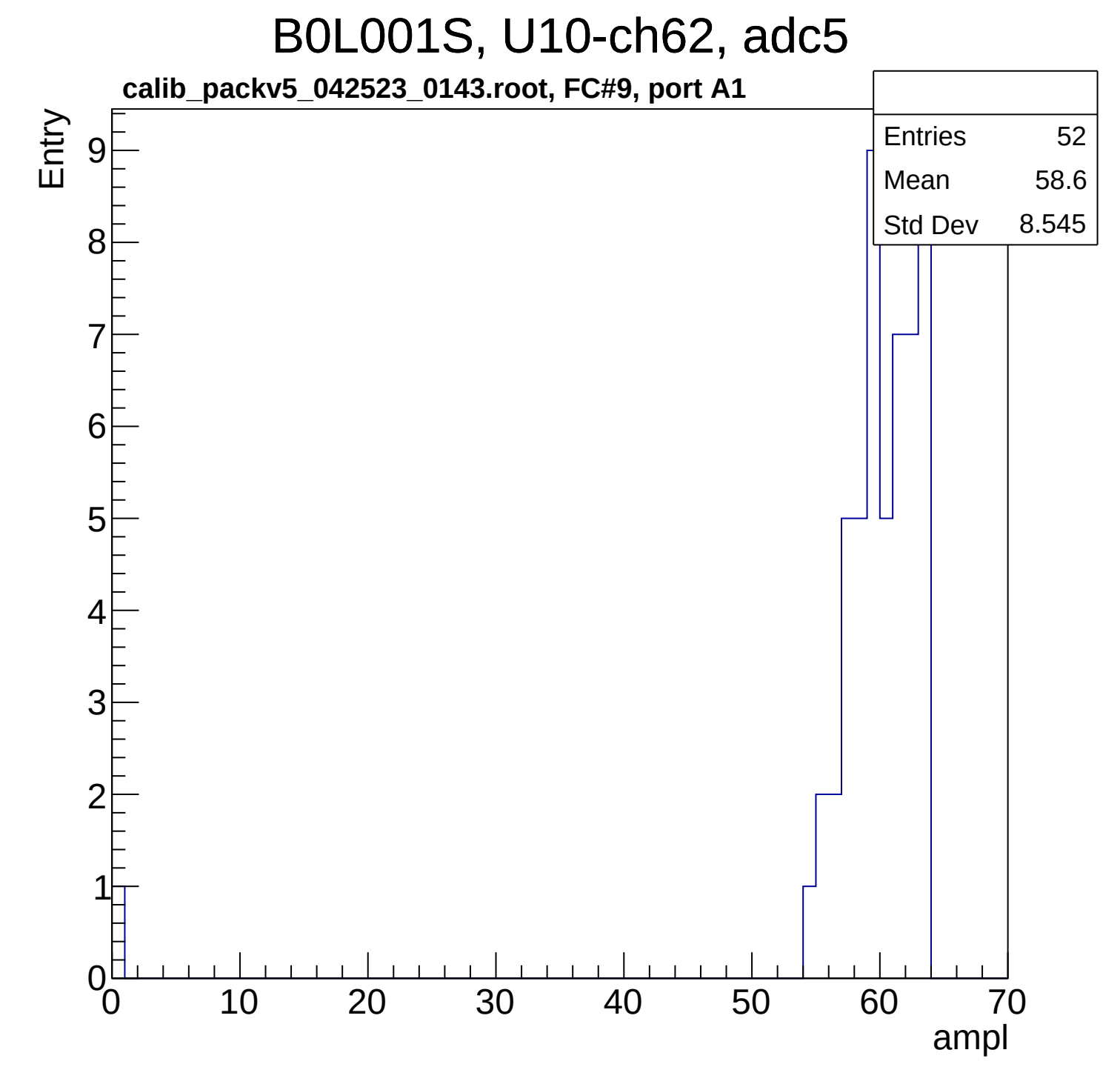
B0L001S, U10-ch62, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 58.6
Std Dev 8.545
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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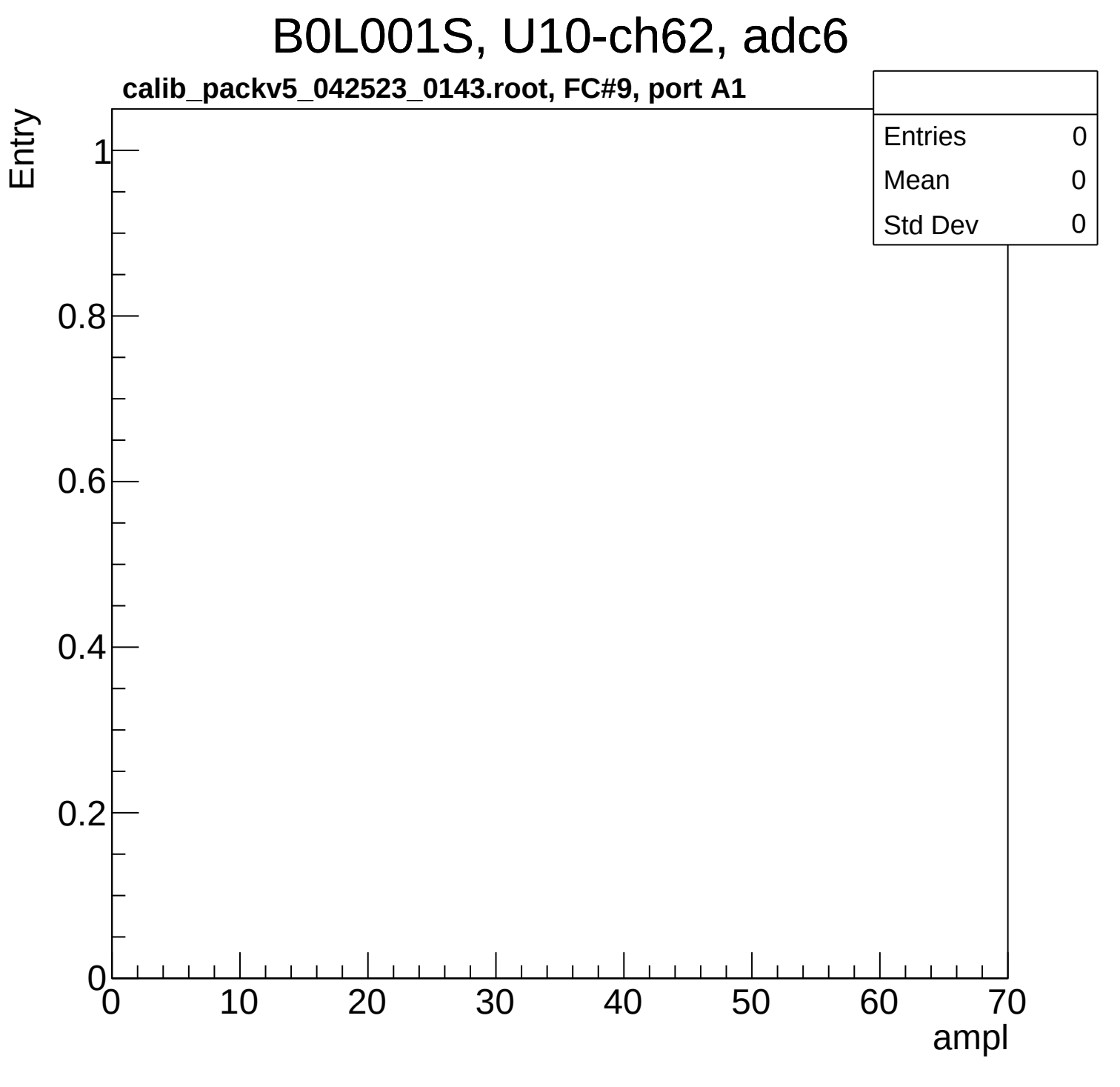
B0L001S, U10-ch62, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
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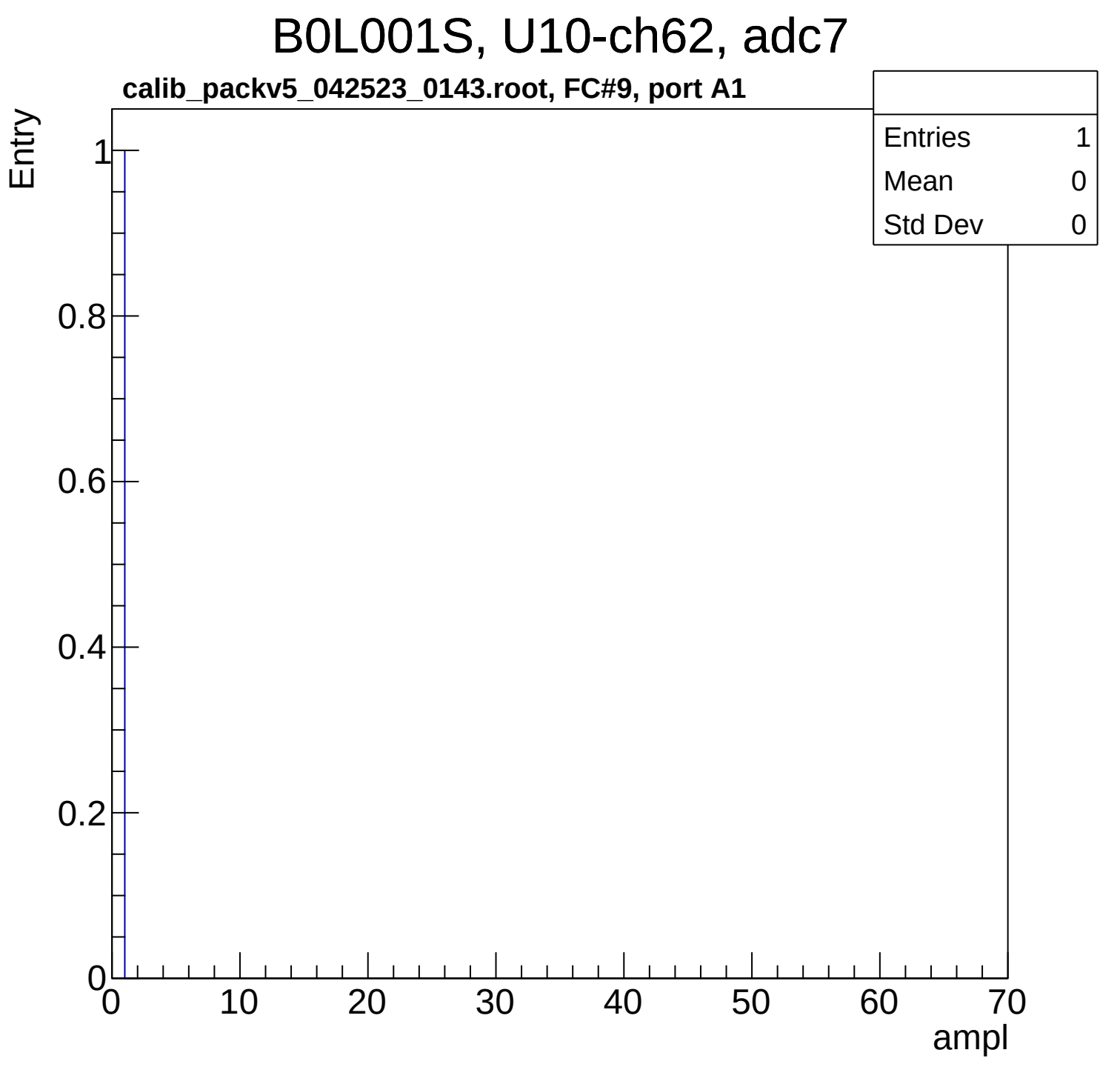
40
50
60
70
ampl


B0L001S, U10-ch62, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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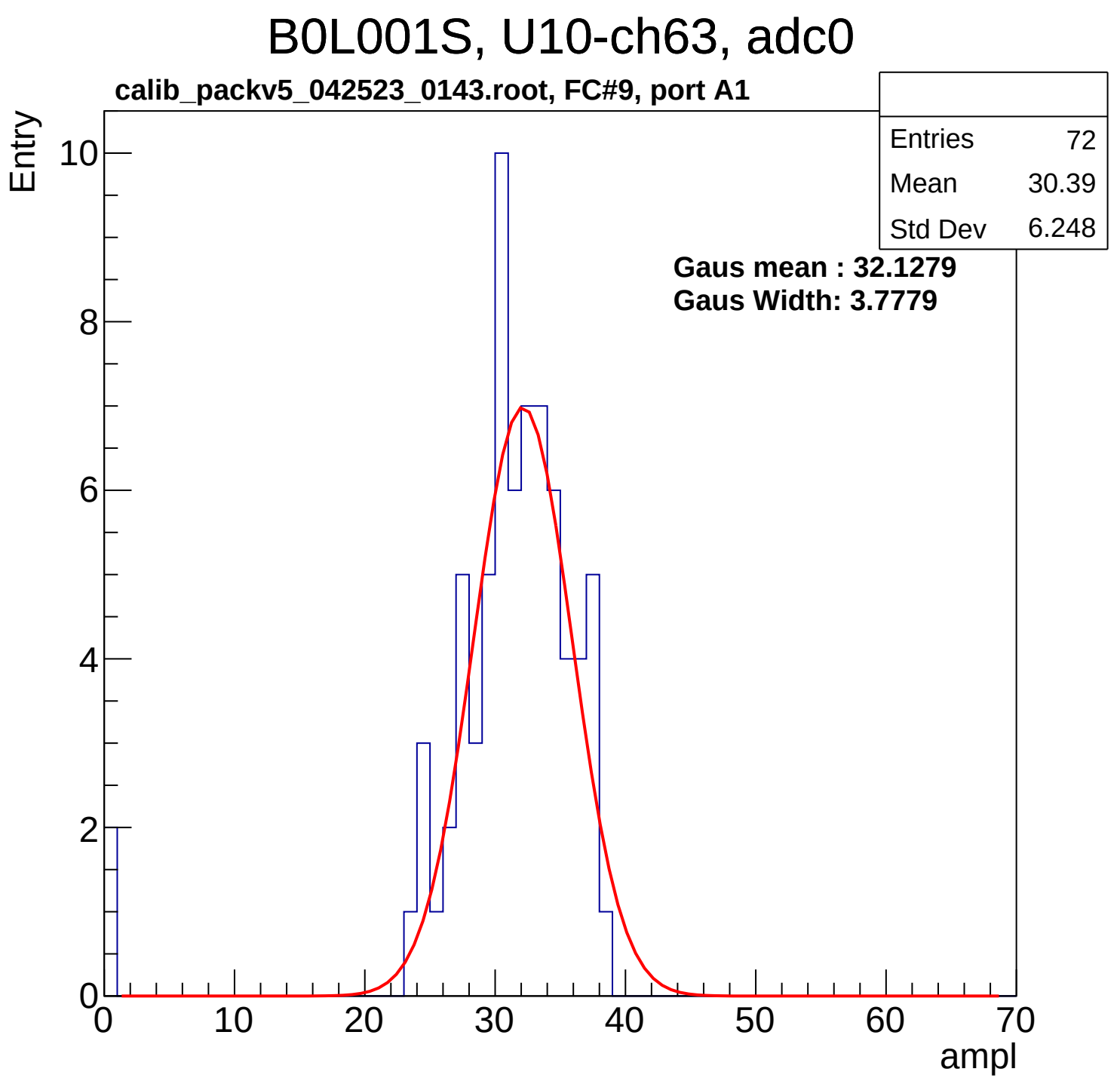
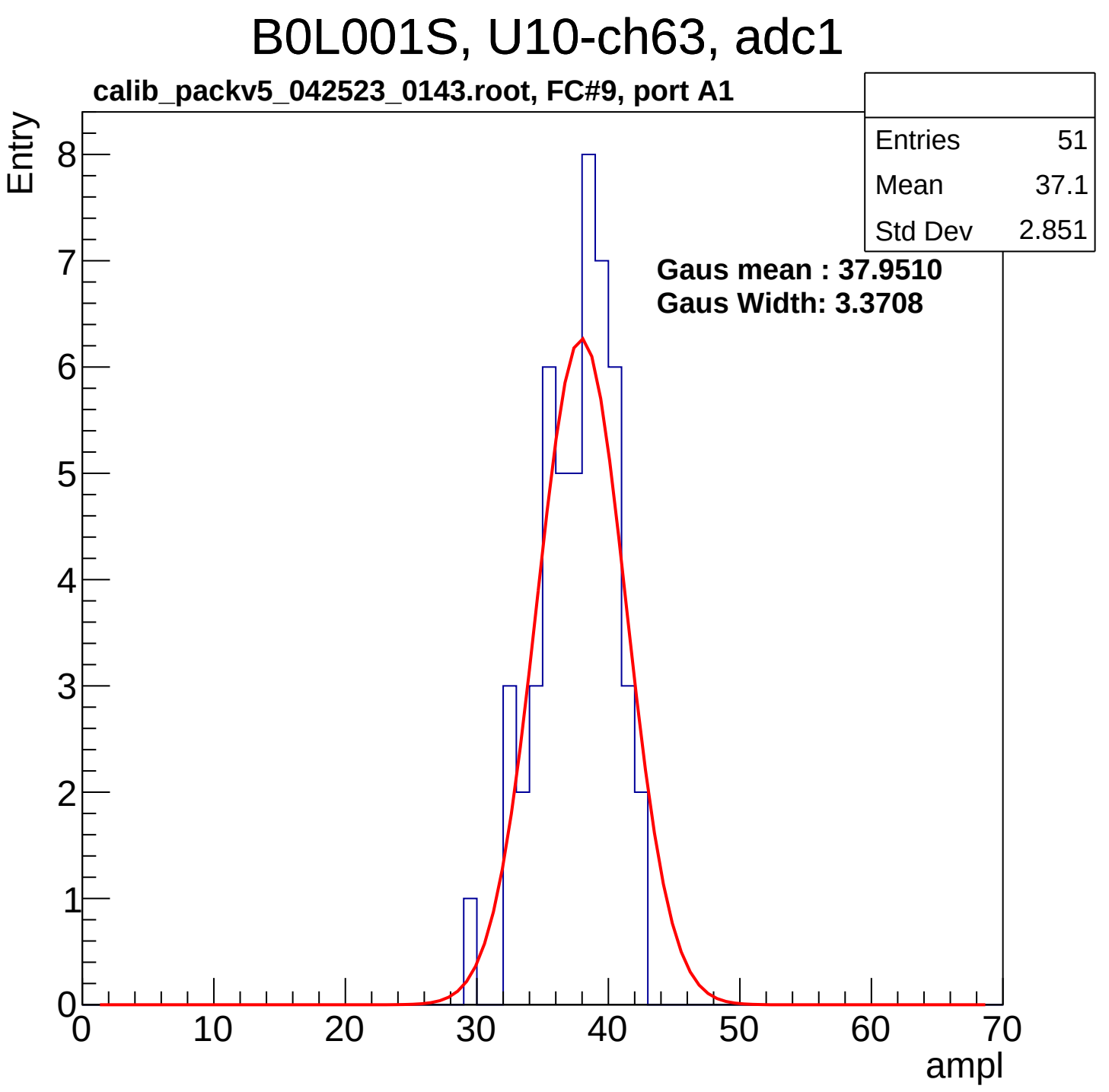
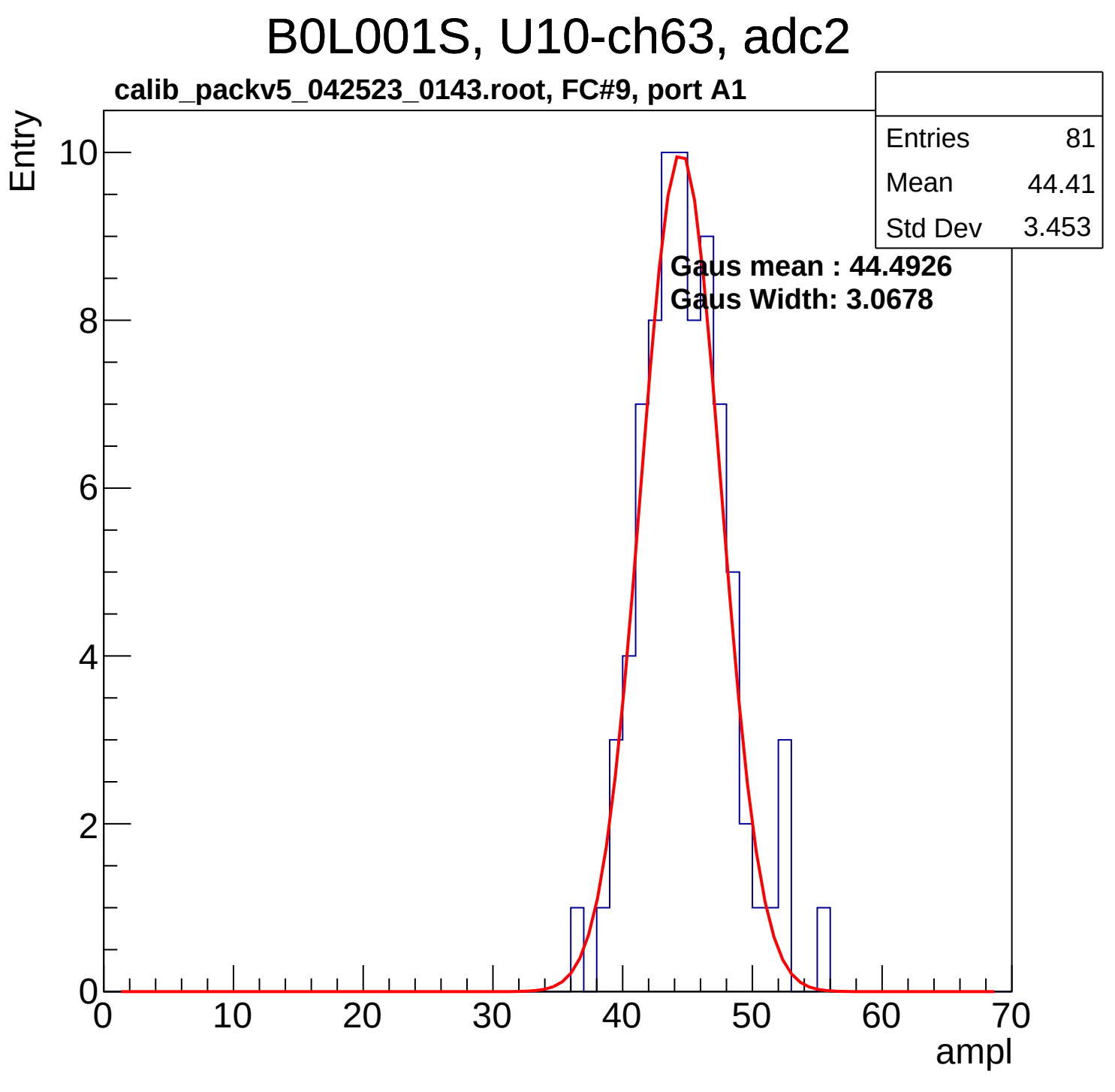
40
50
60
70
ampl


B0L001S, U10-ch63, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 30.39
Std Dev 6.248
Gaus mean : 32.1279
Gaus Width: 3.7779
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch63, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 37.1
Std Dev 2.851
Gaus mean : 37.9510
Gaus Width: 3.3708
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch63, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 44.41
Std Dev 3.453
Gaus mean : 44.4926
Gaus Width: 3.0678
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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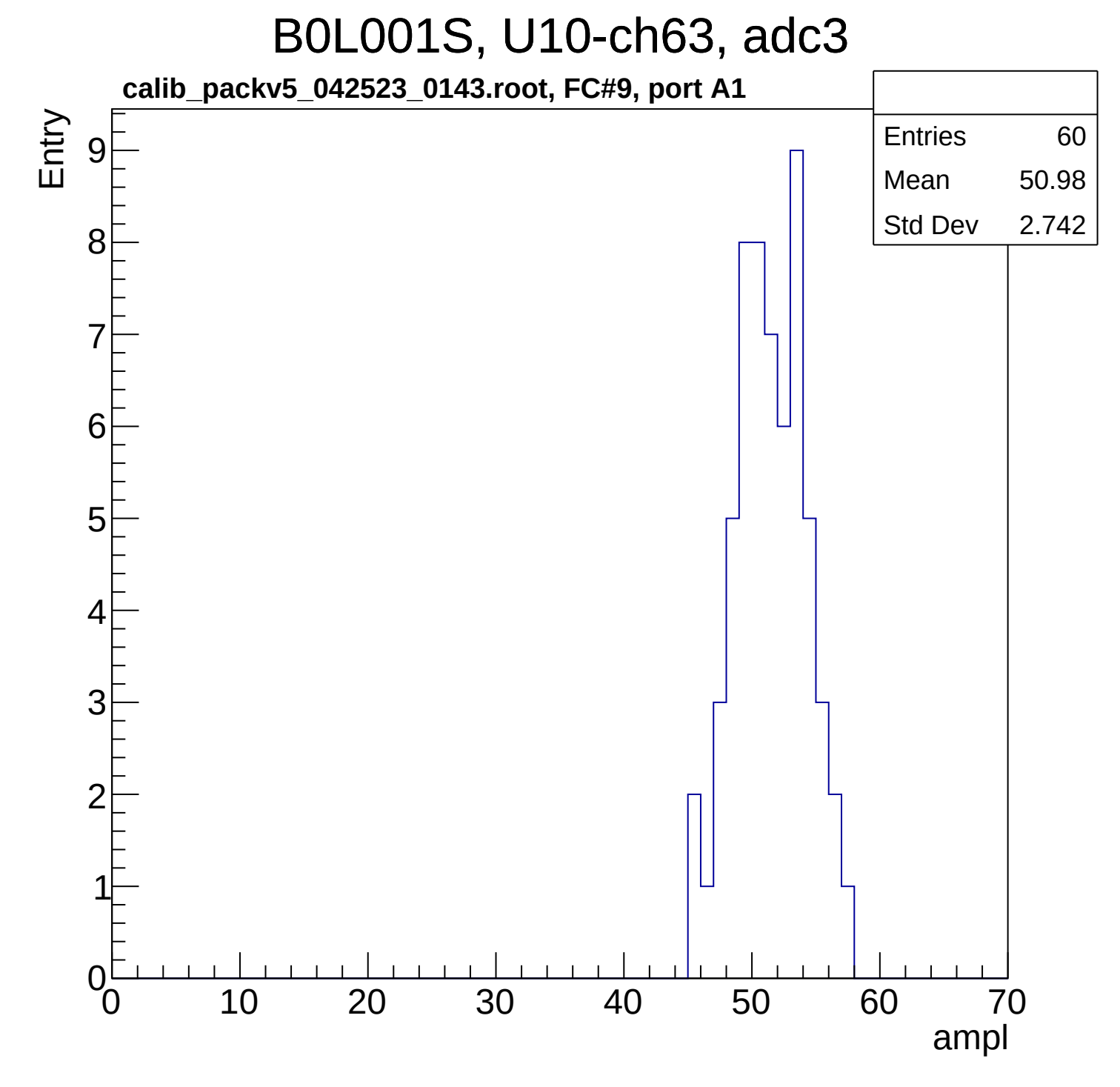
B0L001S, U10-ch63, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 50.98
Std Dev 2.742
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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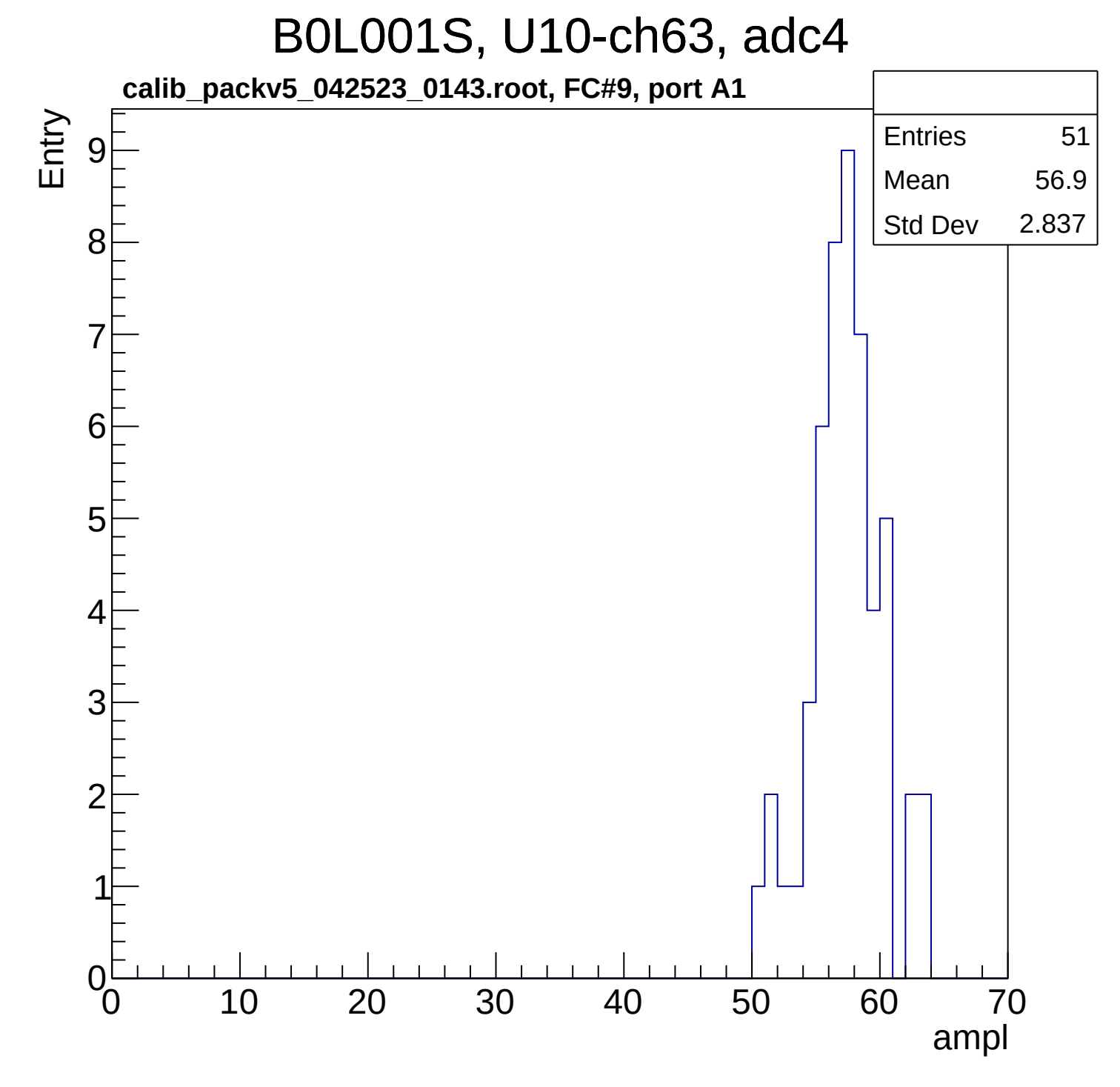
B0L001S, U10-ch63, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 56.9
Std Dev 2.837
Entry
ampl
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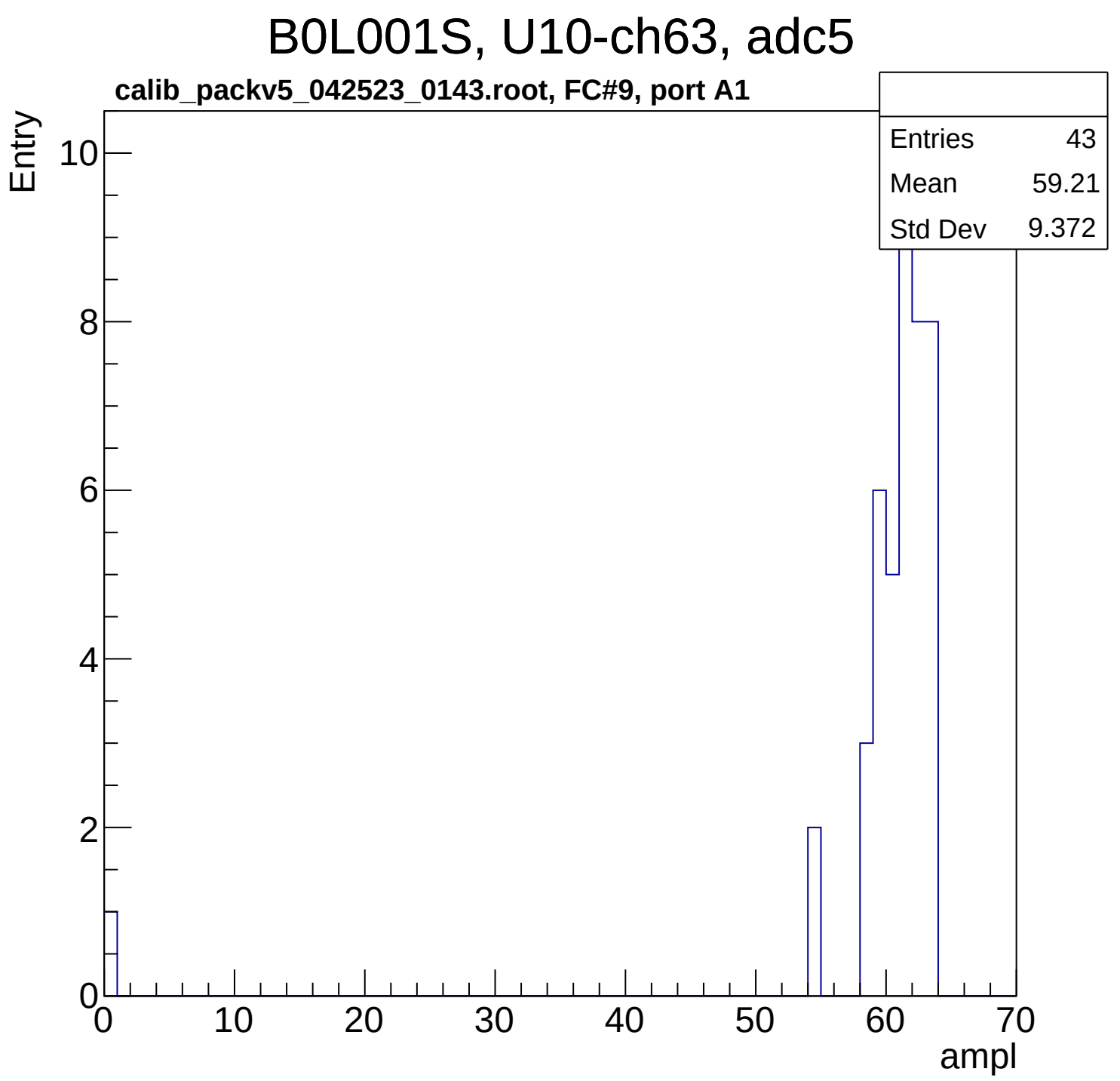
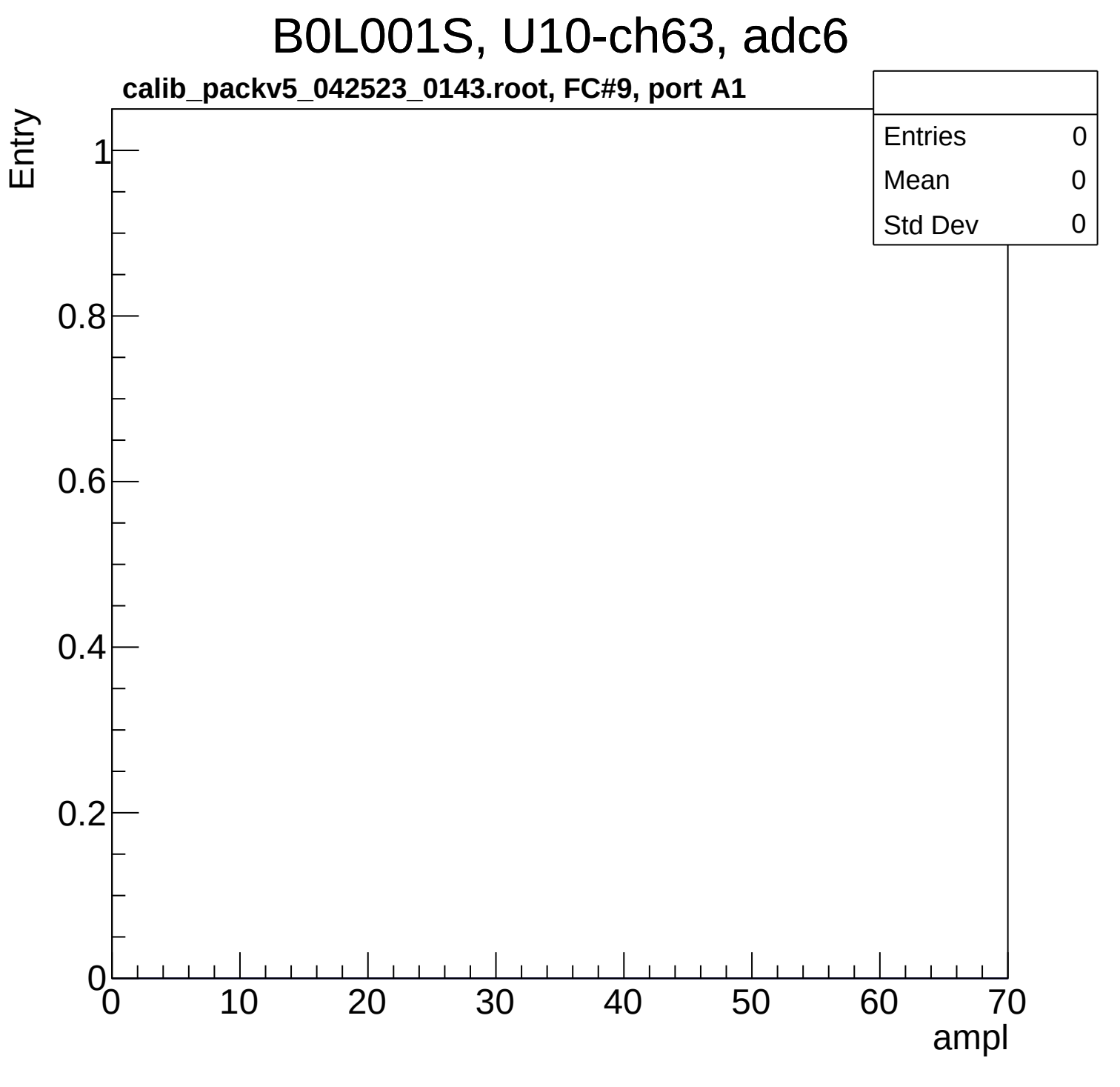
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch63, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 59.21
Std Dev 9.372
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch63, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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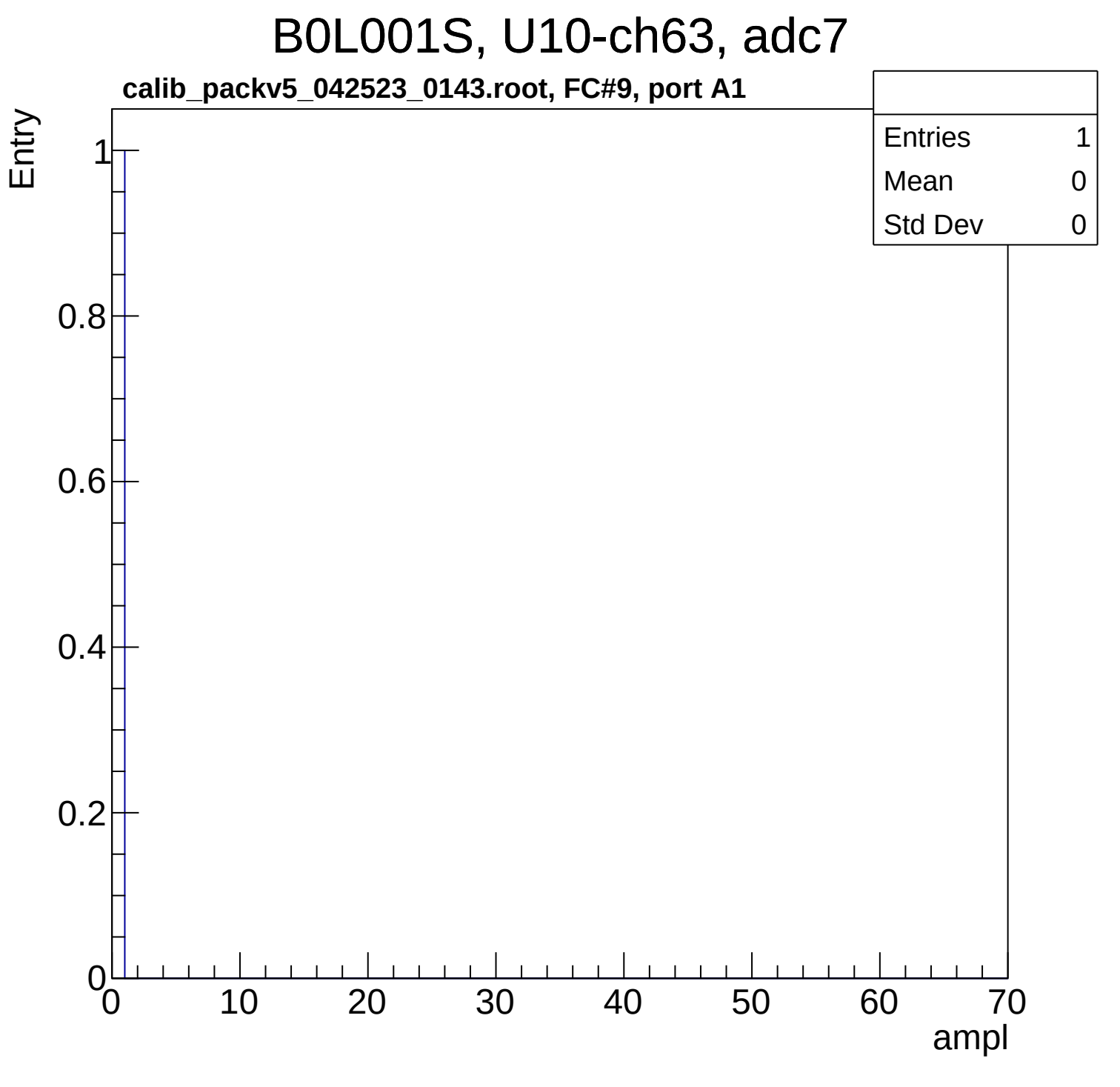
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch63, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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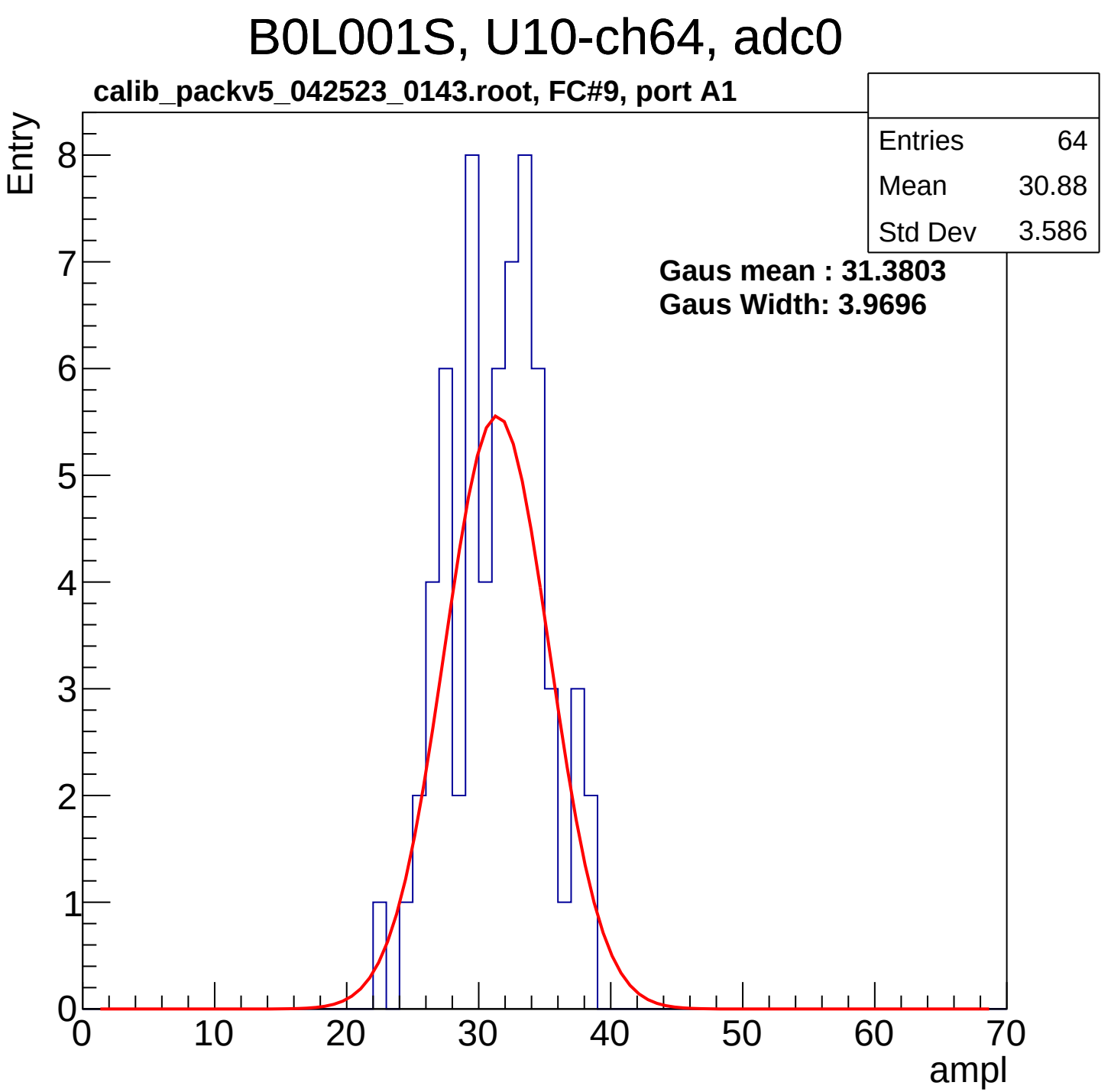
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch64, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 30.88
Std Dev 3.586
Gaus mean : 31.3803
Gaus Width: 3.9696
Entry
ampl
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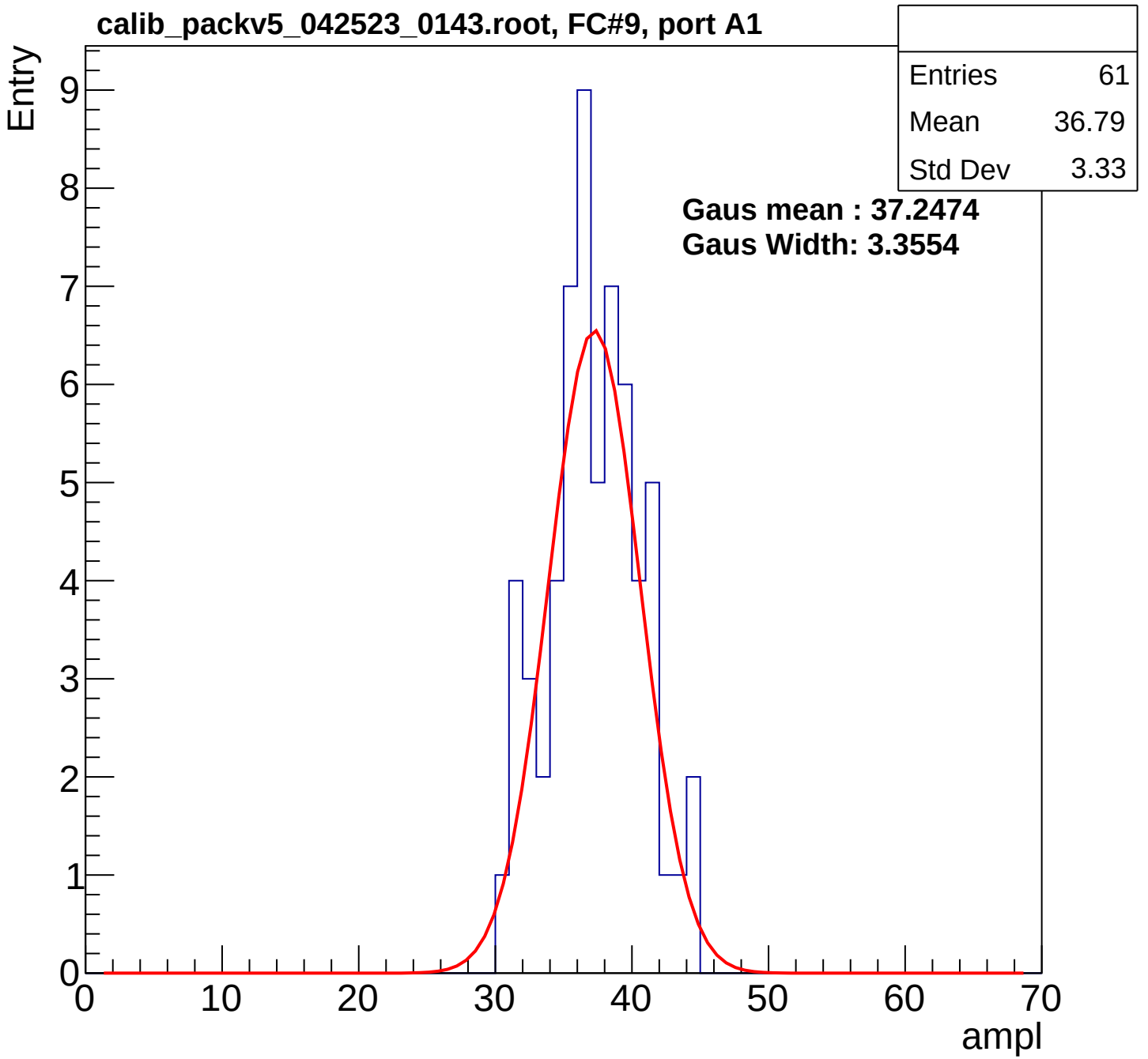
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch64, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 36.79
Std Dev 3.33
Gaus mean : 37.2474
Gaus Width: 3.3554
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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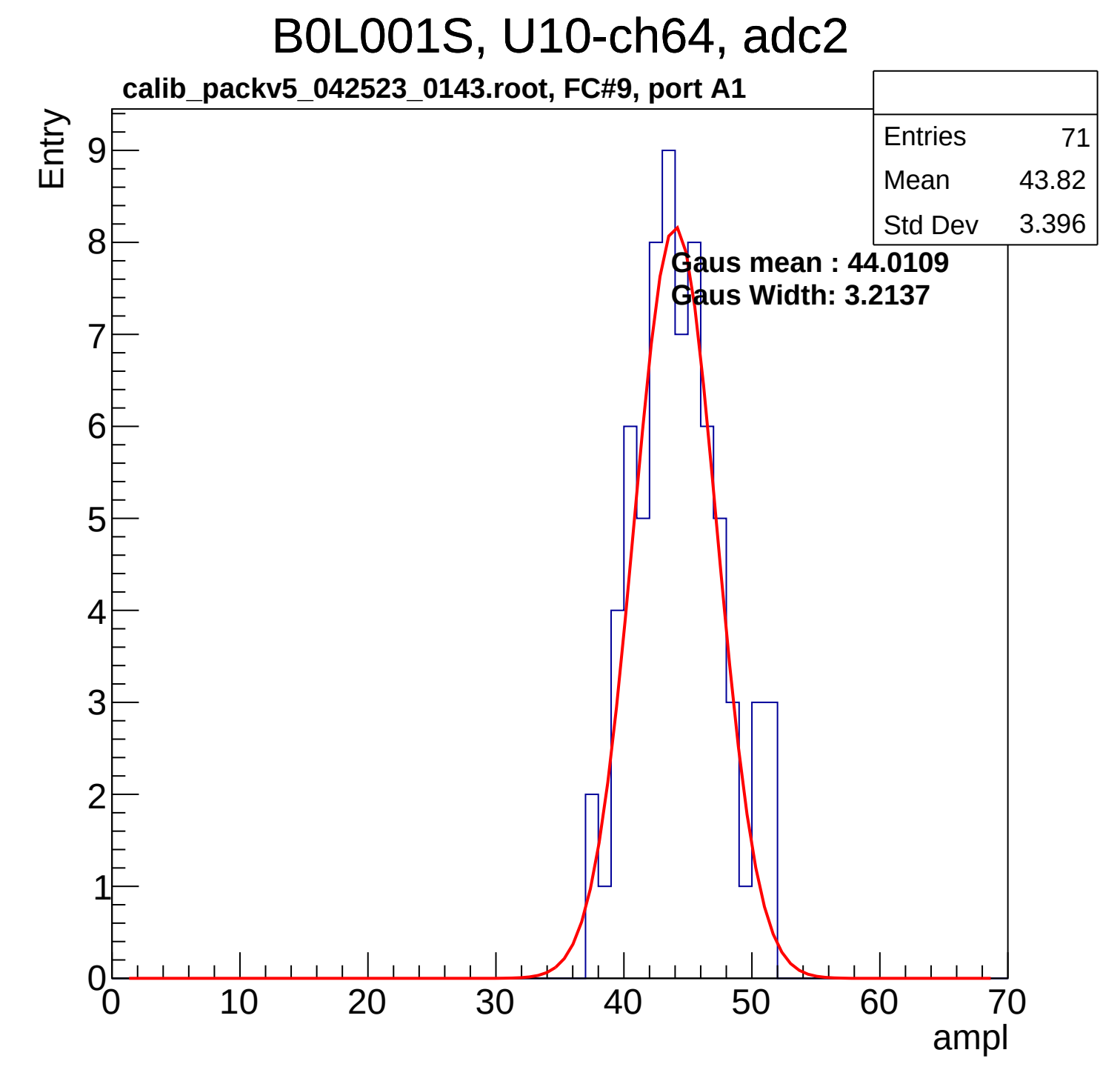
B0L001S, U10-ch64, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 43.82
Std Dev 3.396
Gaus mean : 44.0109
Gaus Width: 3.2137
Entry
ampl
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3
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5
6
7
8
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0
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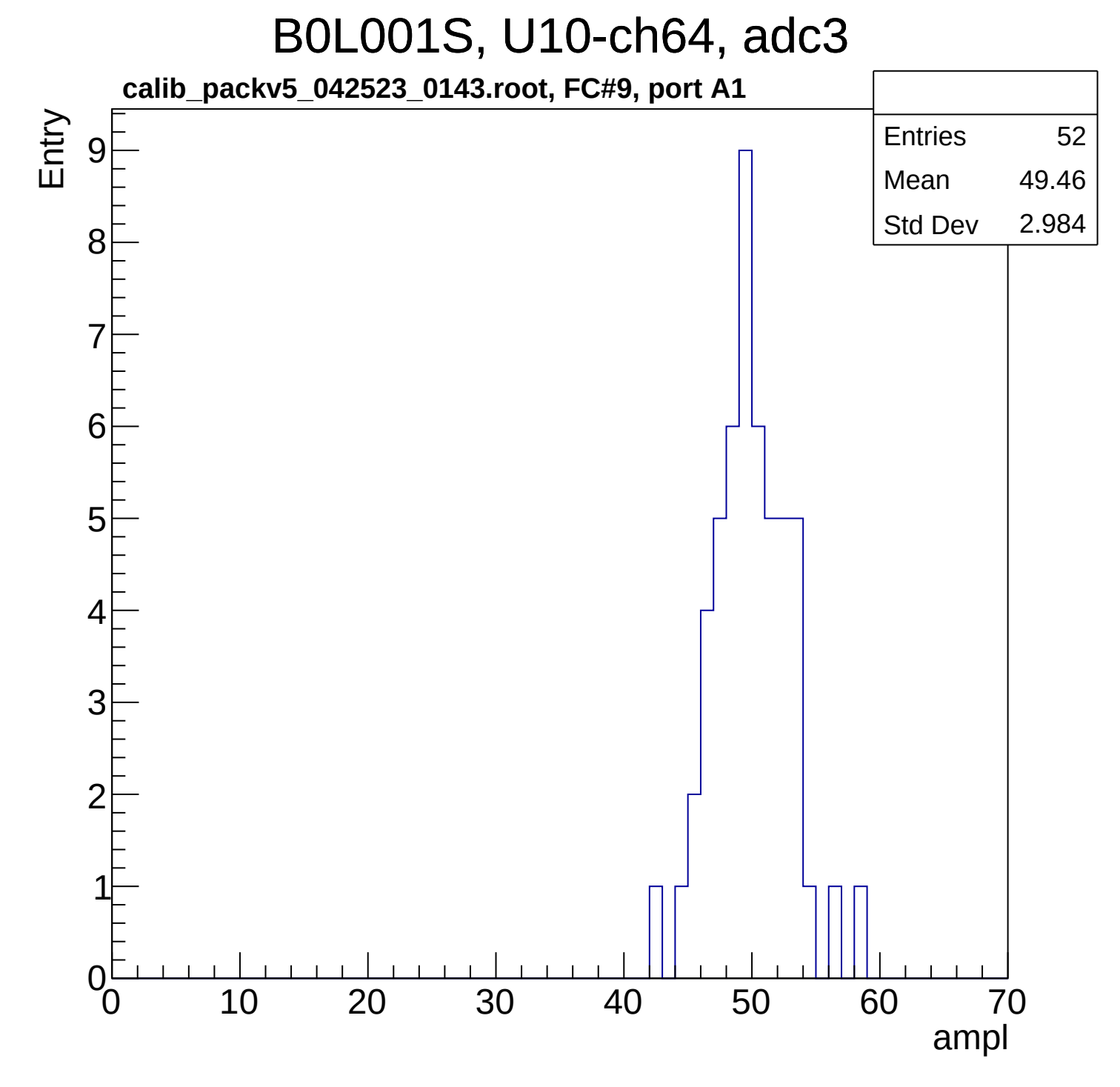
B0L001S, U10-ch64, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 49.46
Std Dev 2.984
Entry
ampl
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0
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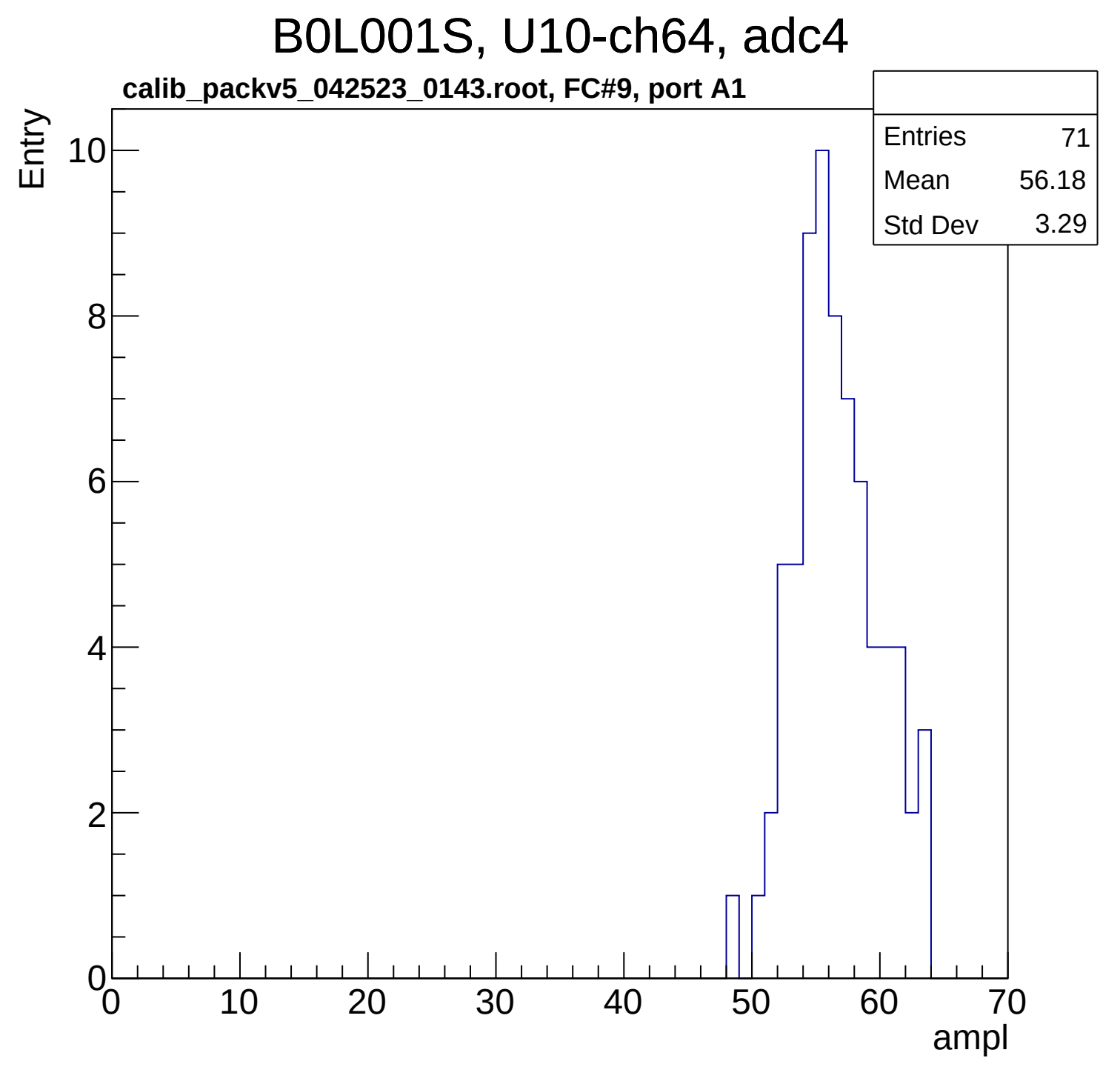
B0L001S, U10-ch64, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 56.18
Std Dev 3.29
Entry
ampl
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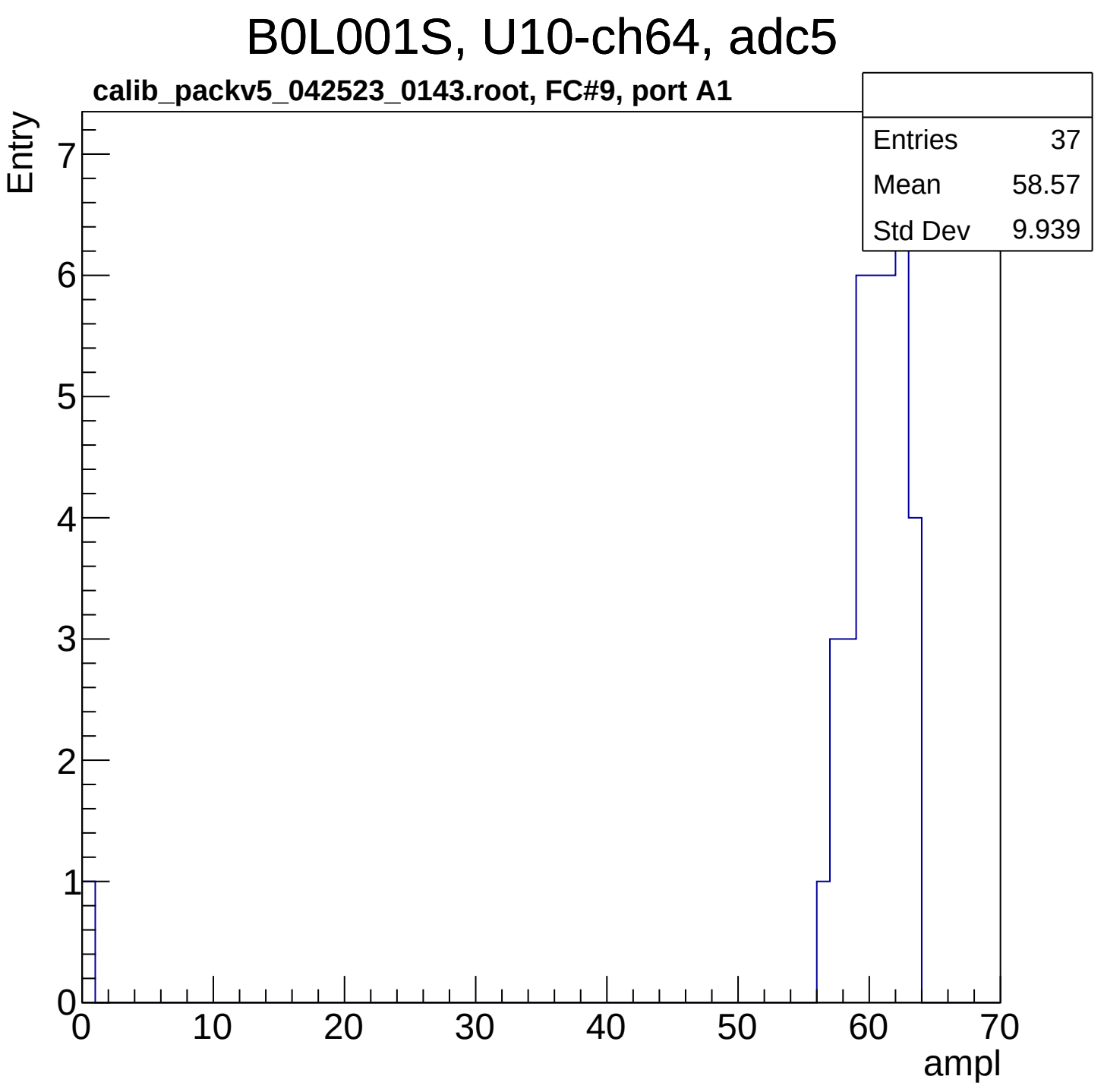
B0L001S, U10-ch64, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.57
Std Dev 9.939
Entry
ampl
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0
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60
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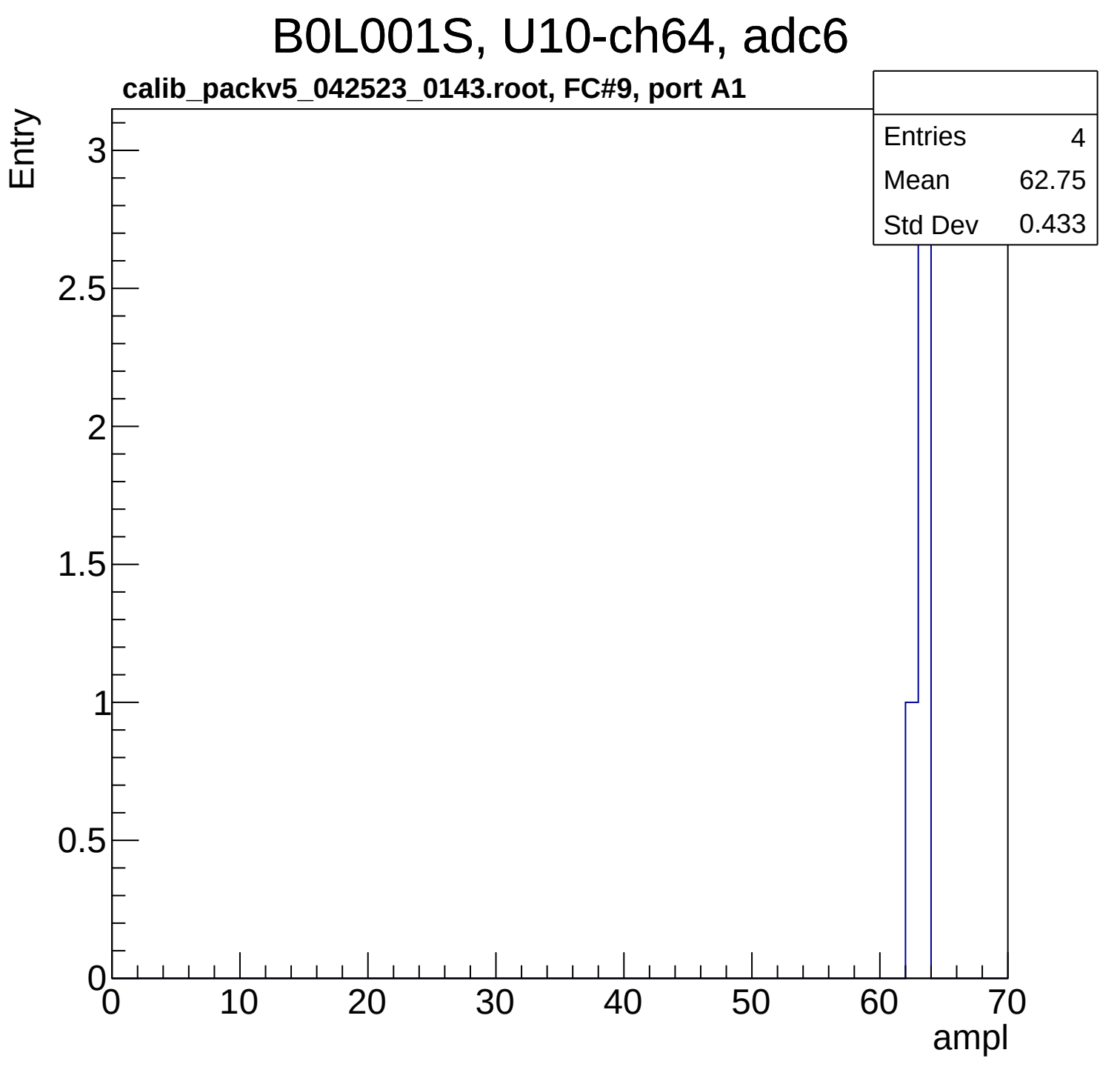
B0L001S, U10-ch64, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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40
50
60
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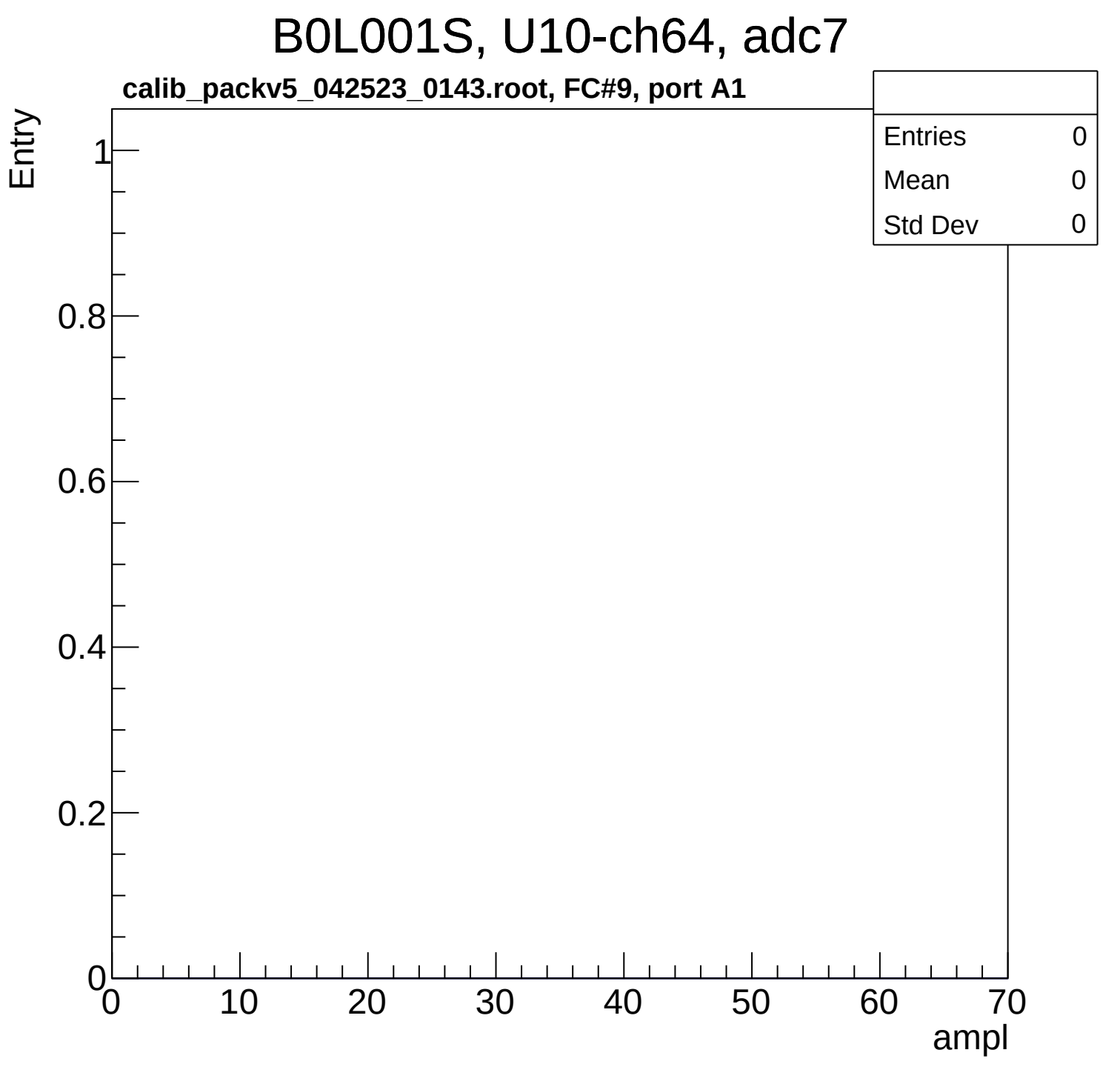
B0L001S, U10-ch64, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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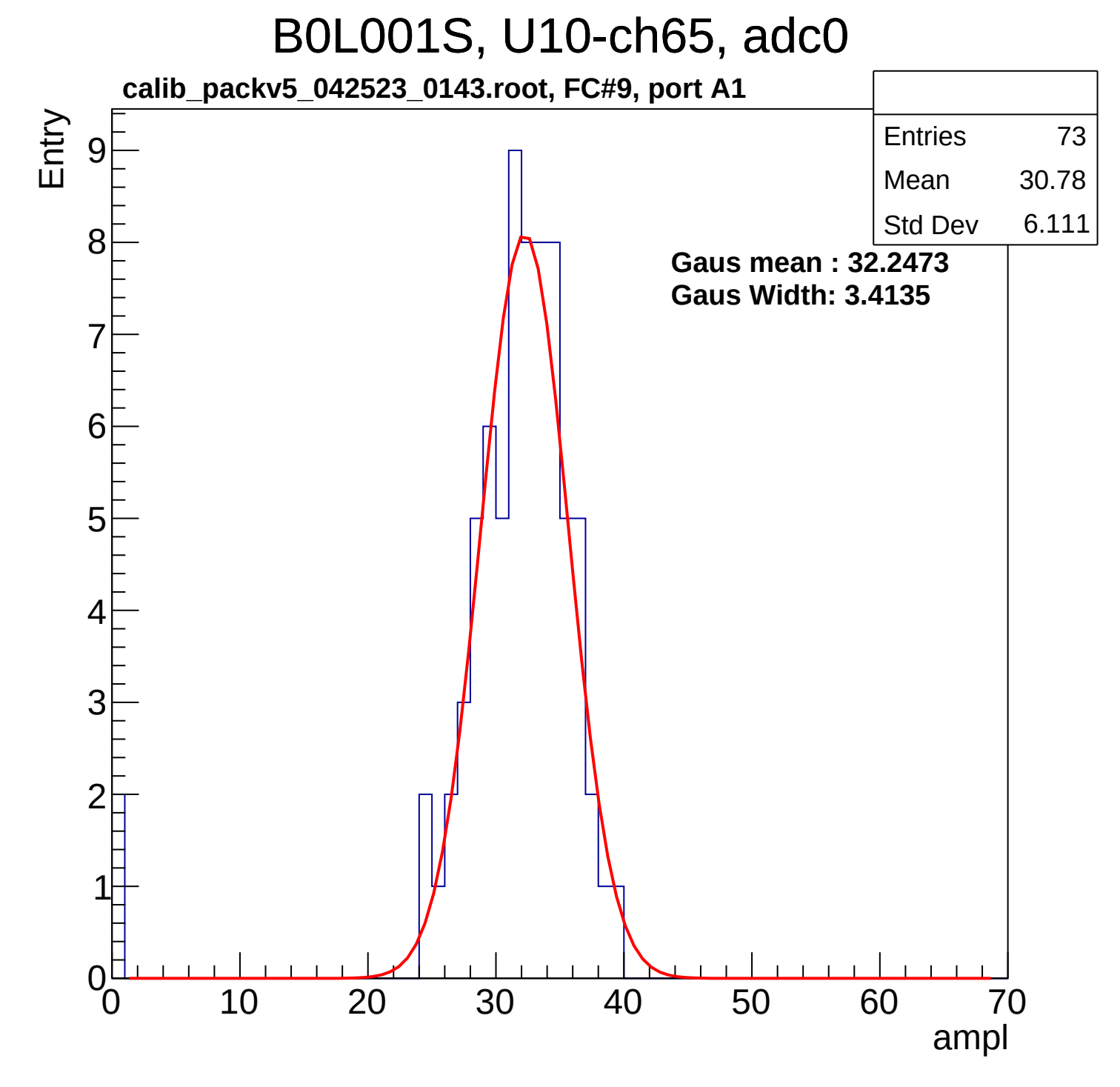
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch65, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 30.78
Std Dev 6.111
Gaus mean : 32.2473
Gaus Width: 3.4135
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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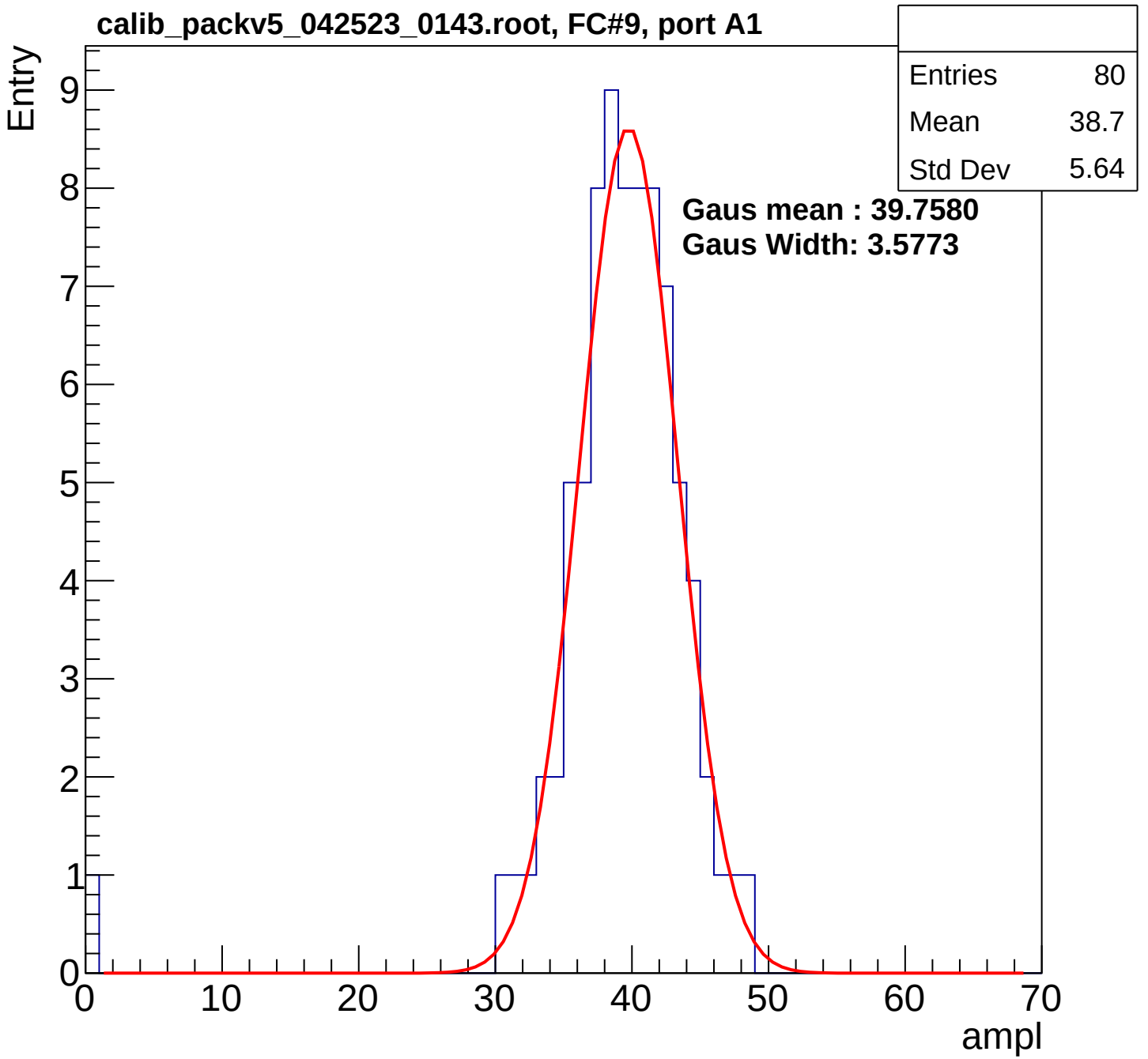
B0L001S, U10-ch65, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 38.7
Std Dev 5.64
Gaus mean : 39.7580
Gaus Width: 3.5773
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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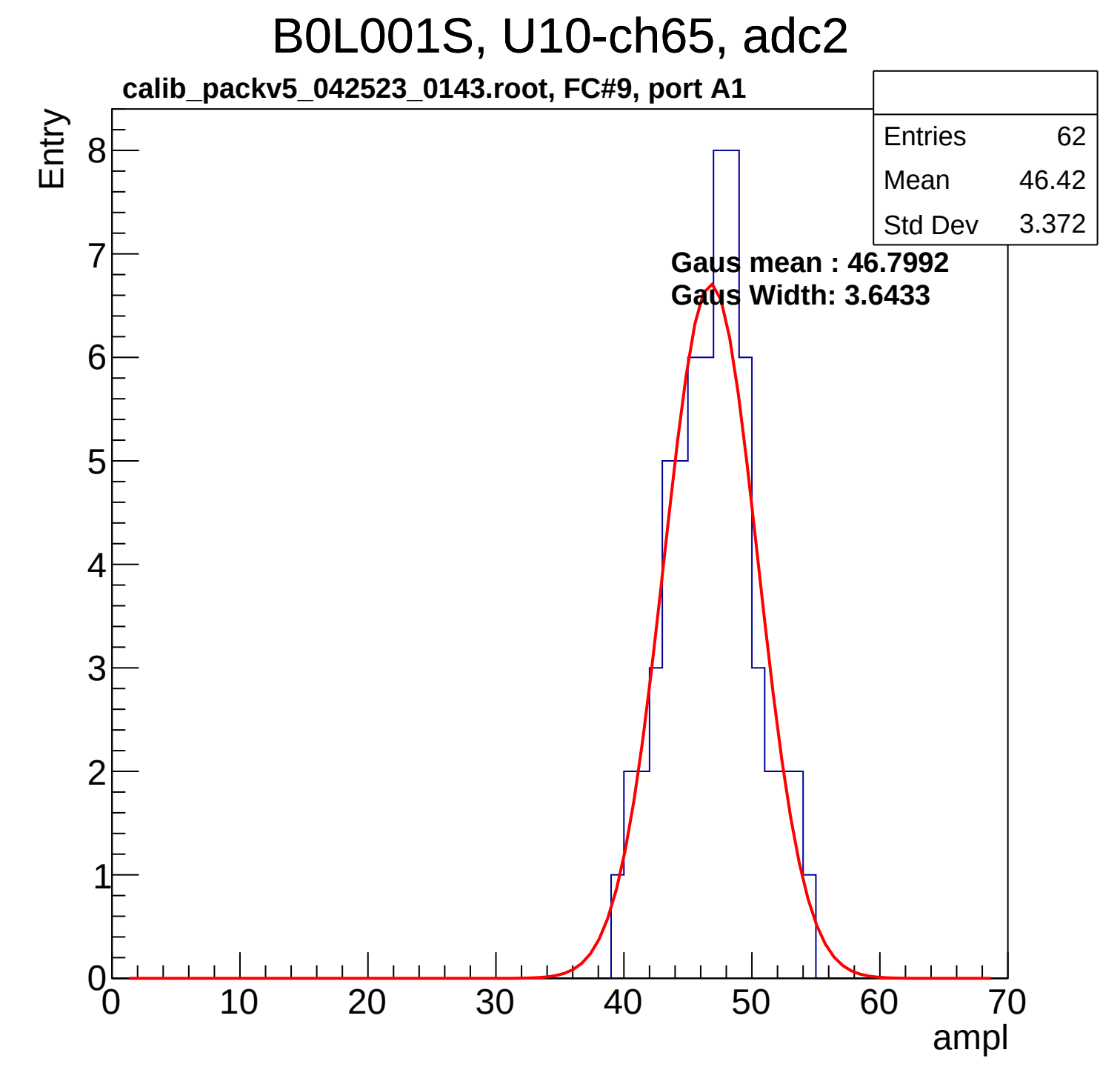
B0L001S, U10-ch65, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 46.42
Std Dev 3.372
Gaus mean : 46.7992
Gaus Width: 3.6433
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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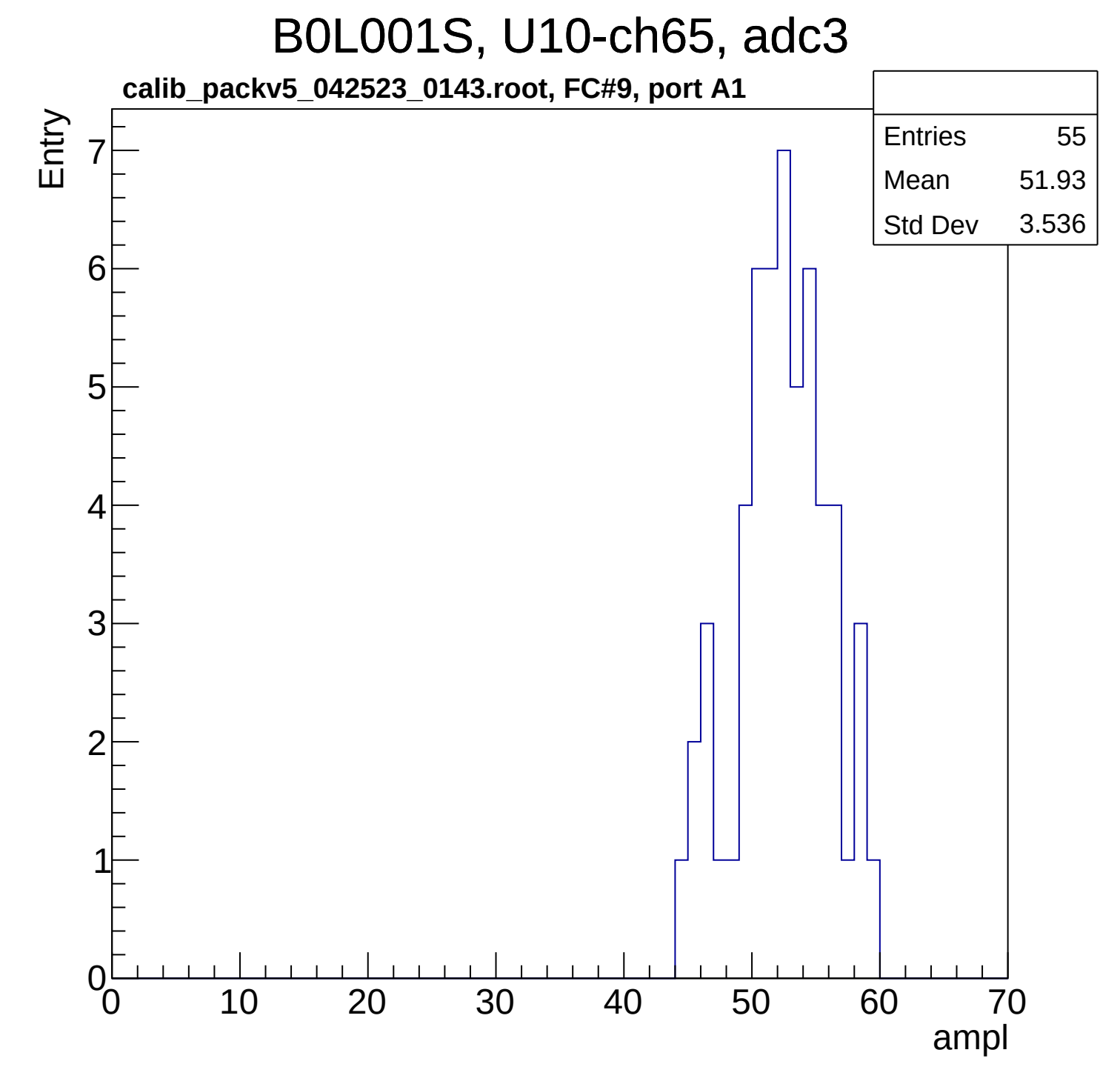
B0L001S, U10-ch65, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 51.93
Std Dev 3.536
Entry
ampl
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4
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0
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40
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60
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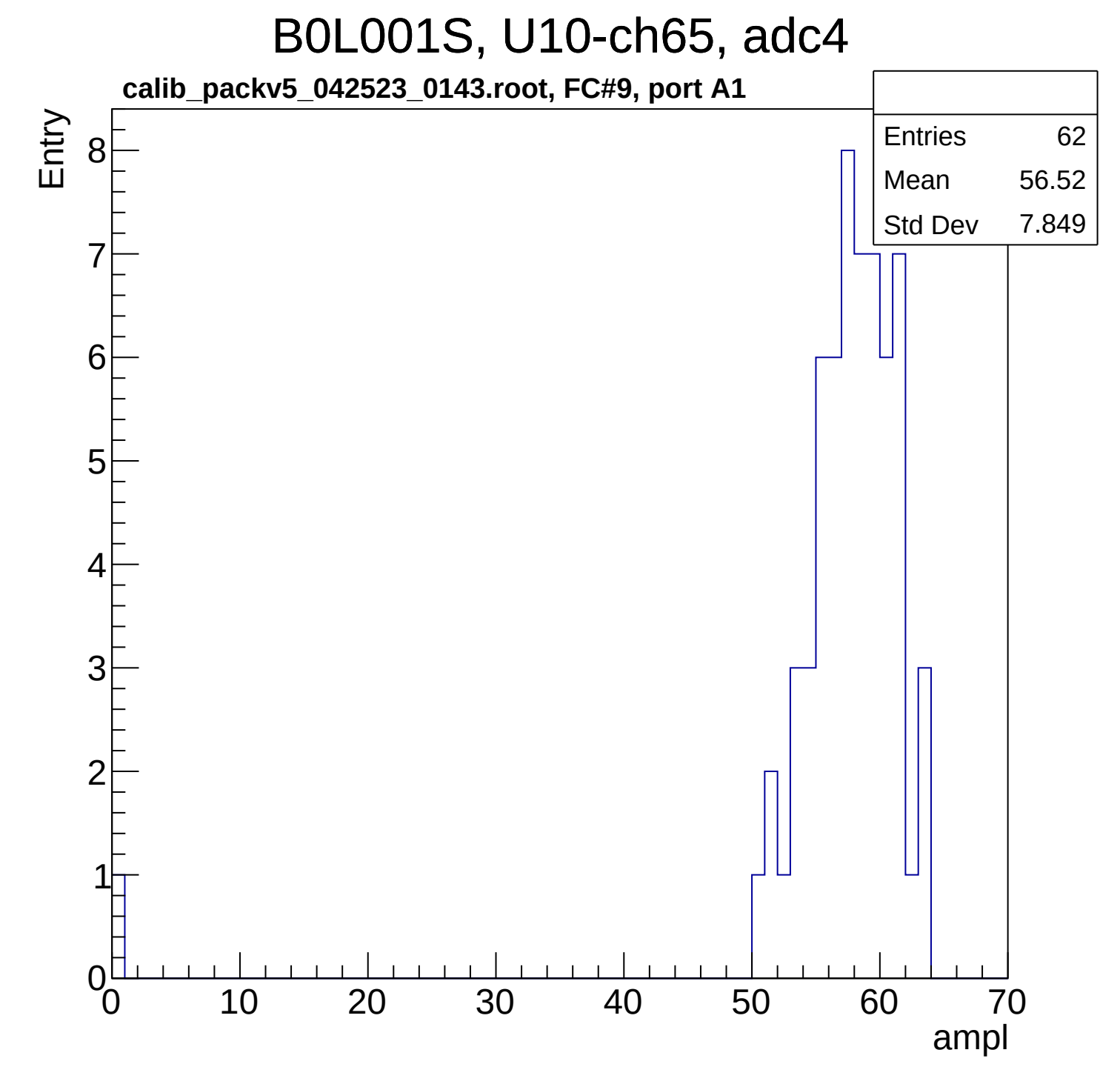
B0L001S, U10-ch65, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 56.52
Std Dev 7.849
Entry
ampl
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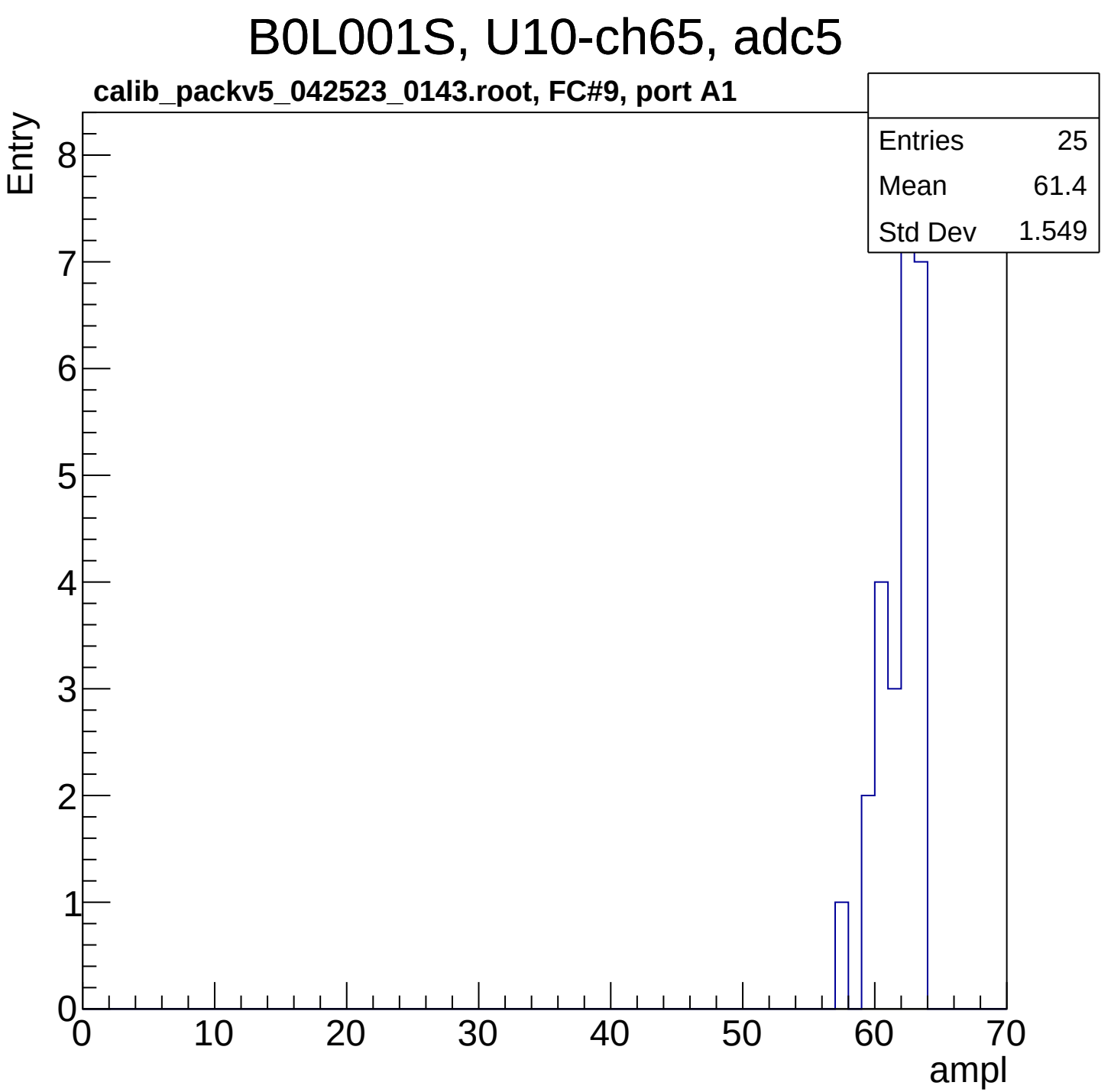
B0L001S, U10-ch65, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 25
Mean 61.4
Std Dev 1.549
Entry
ampl
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2
3
4
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6
7
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0
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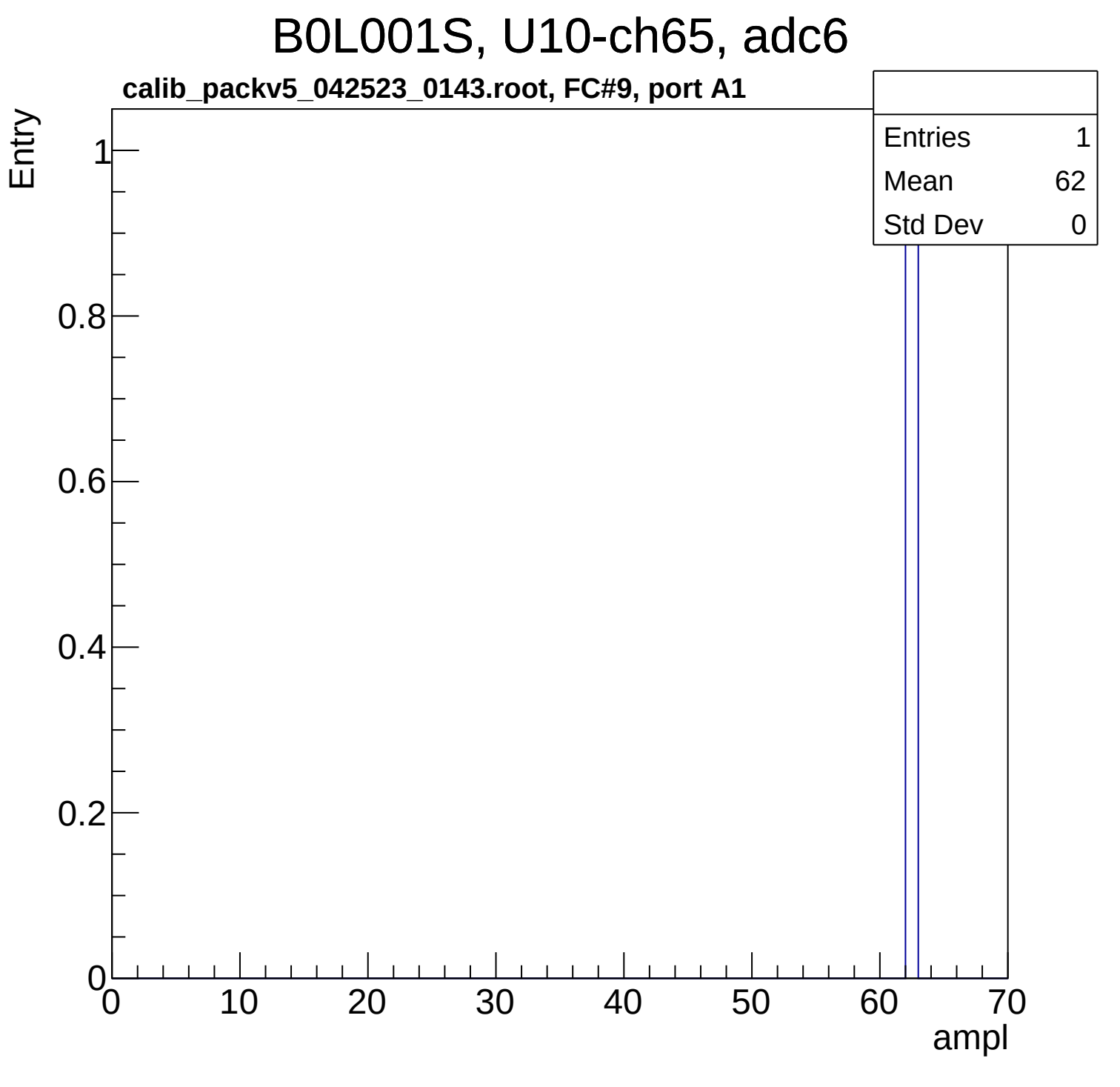
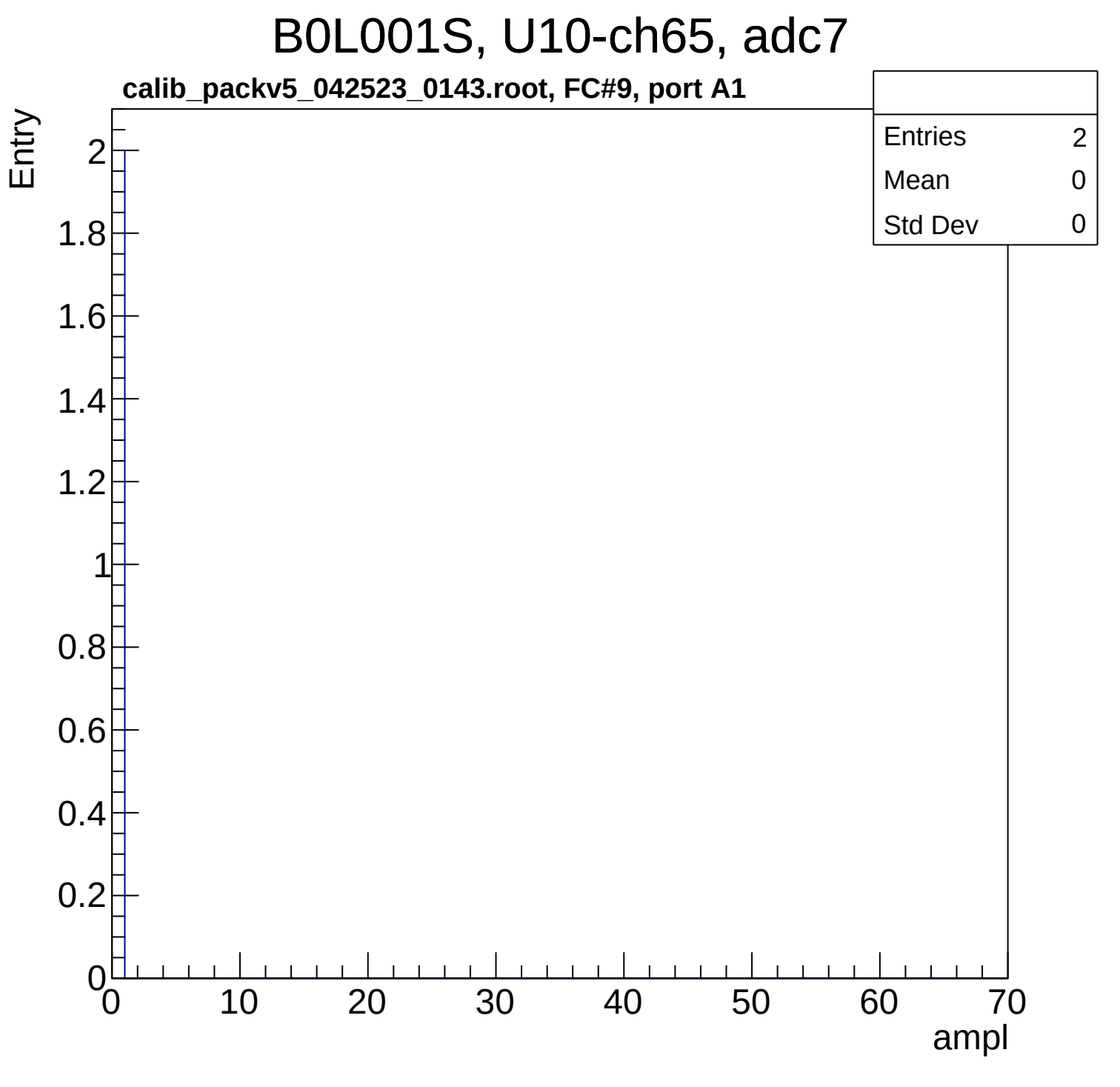
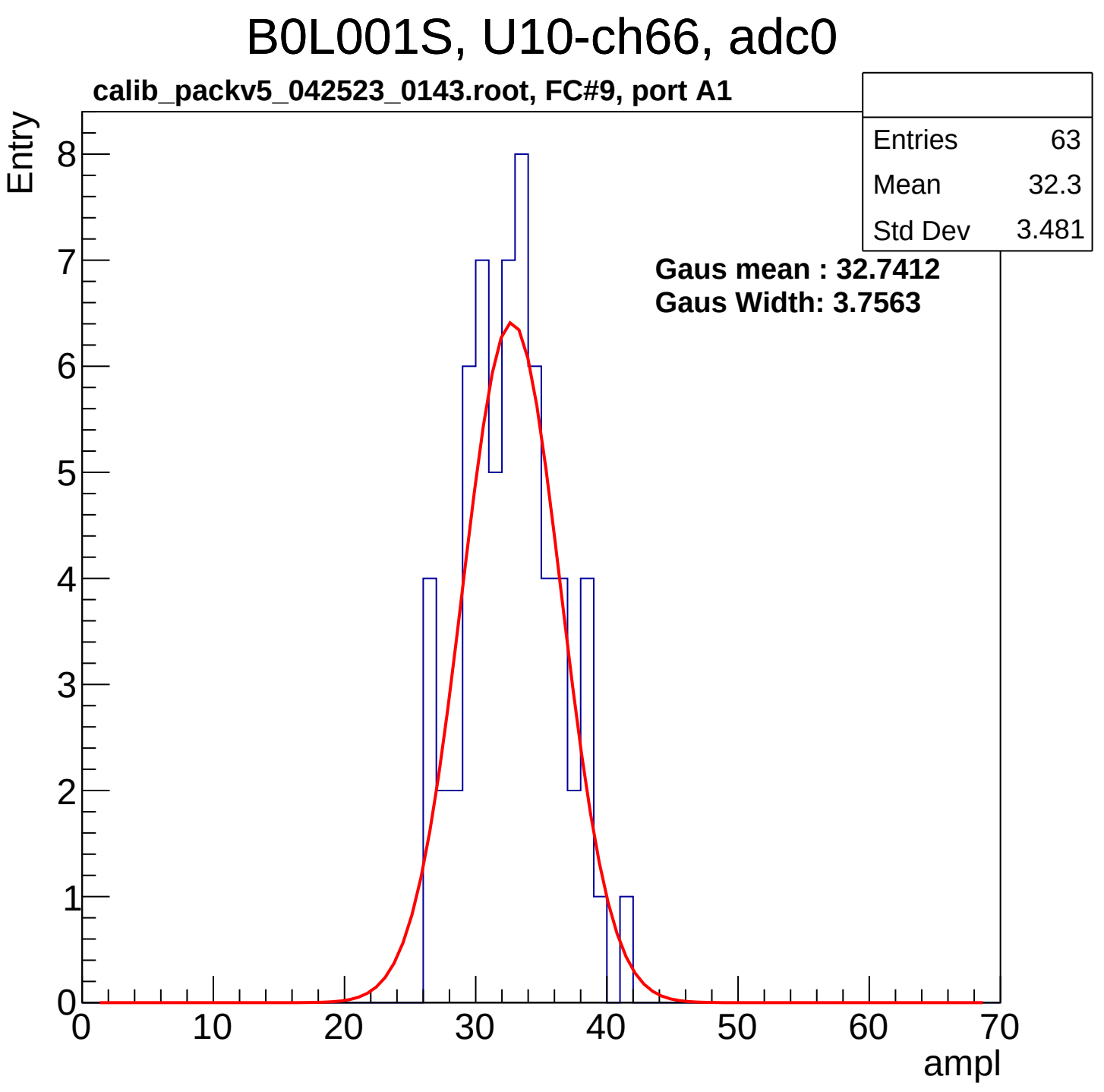
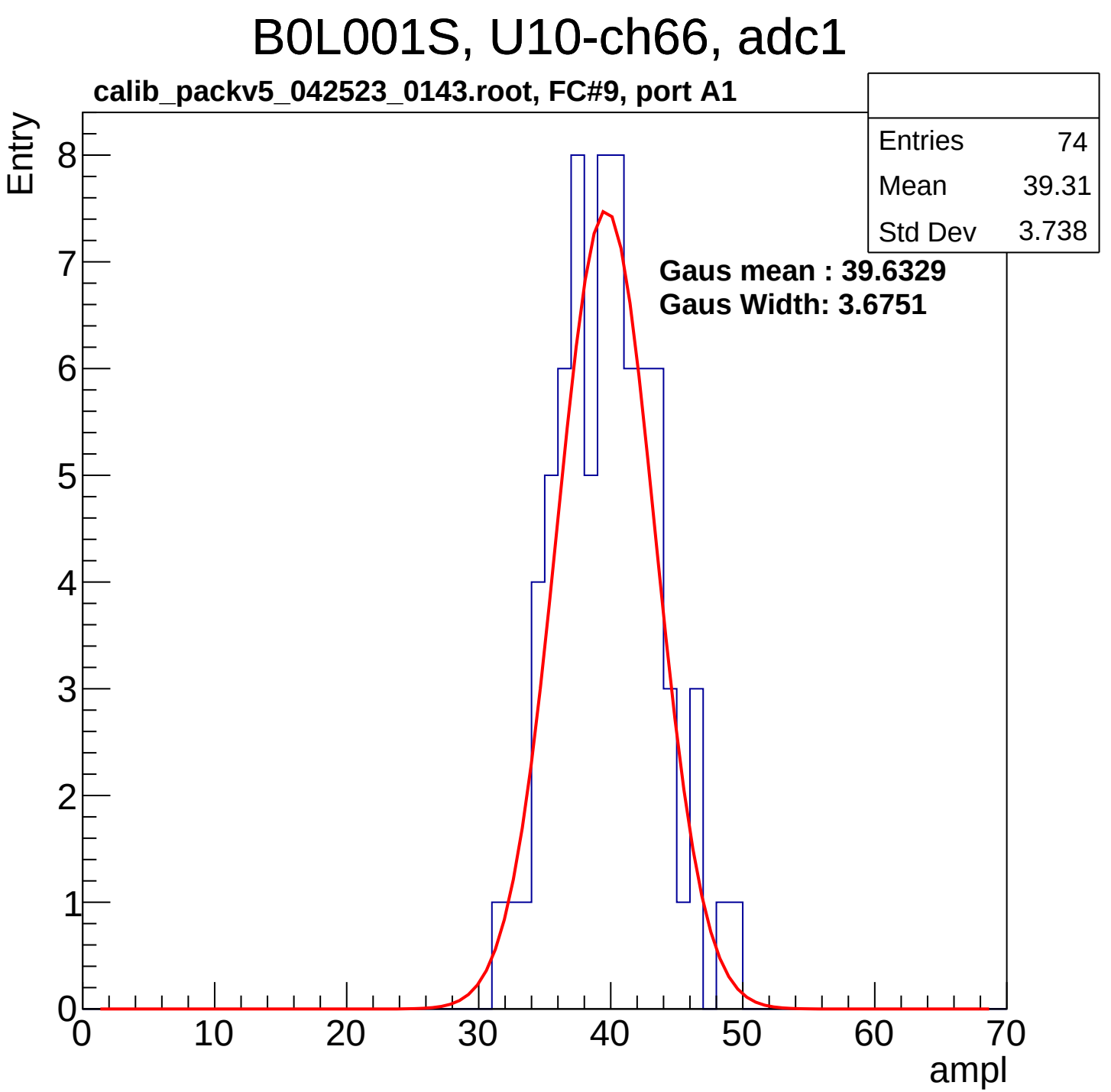
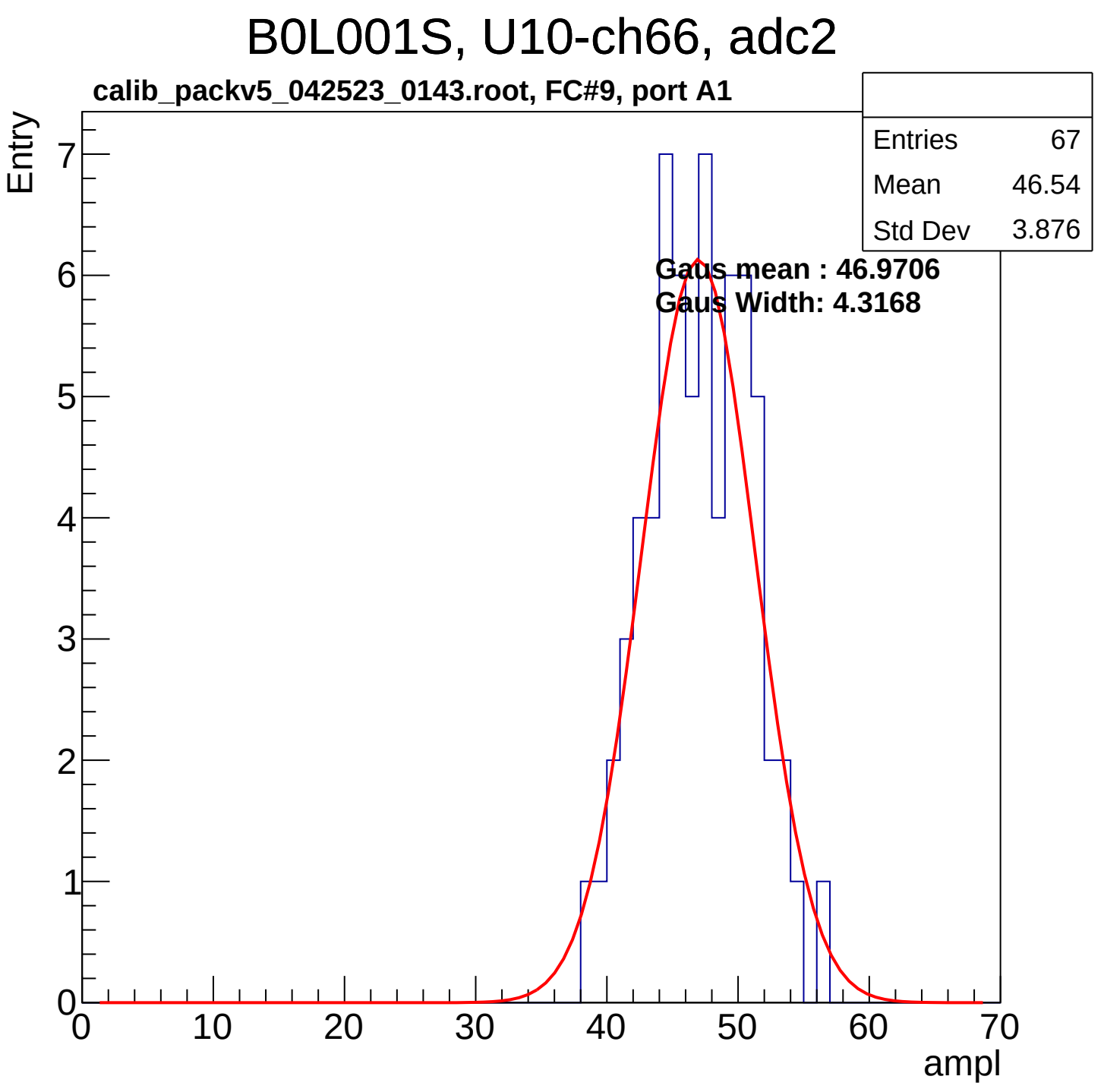
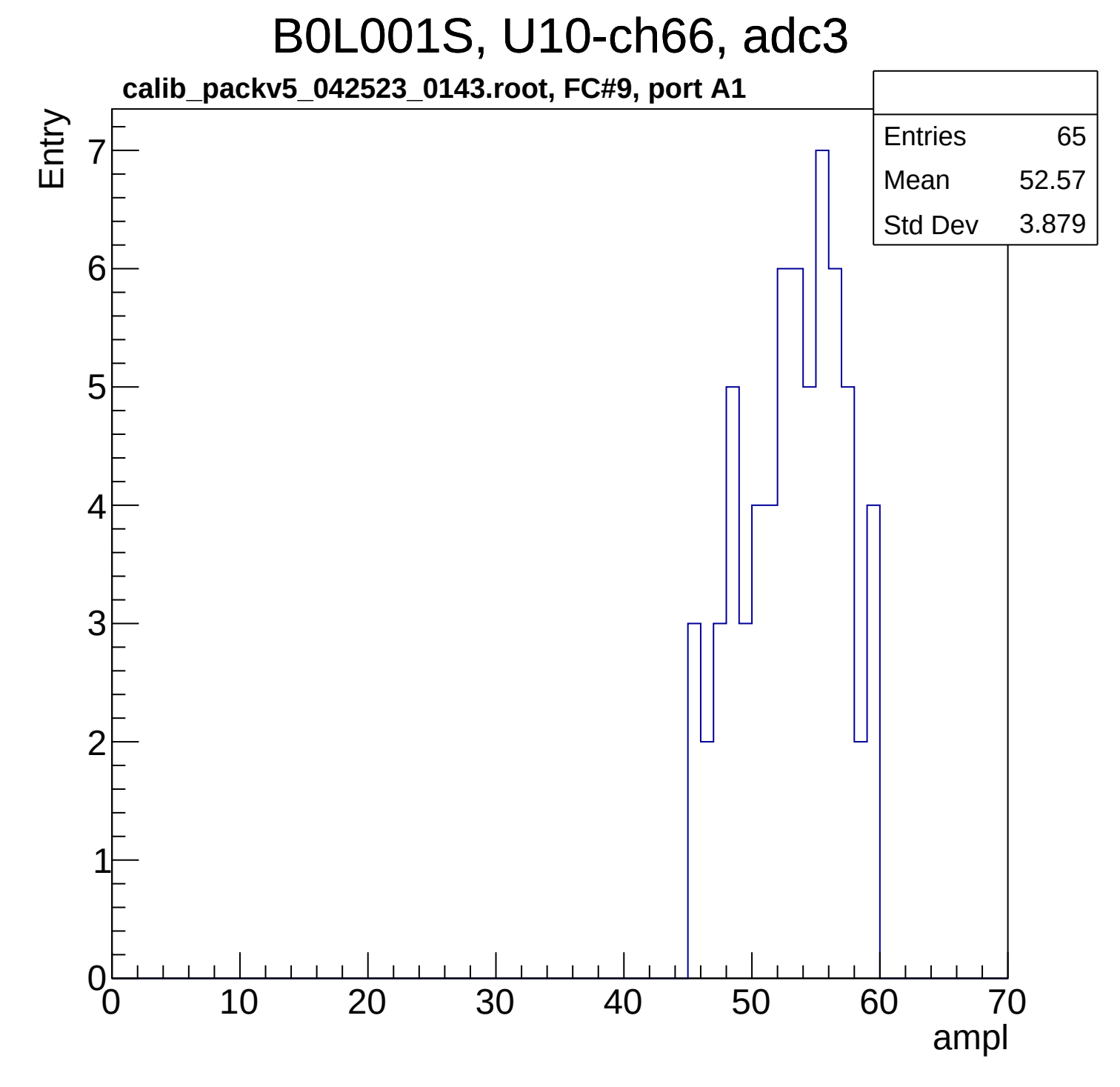

B0L001S, U10-ch65, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

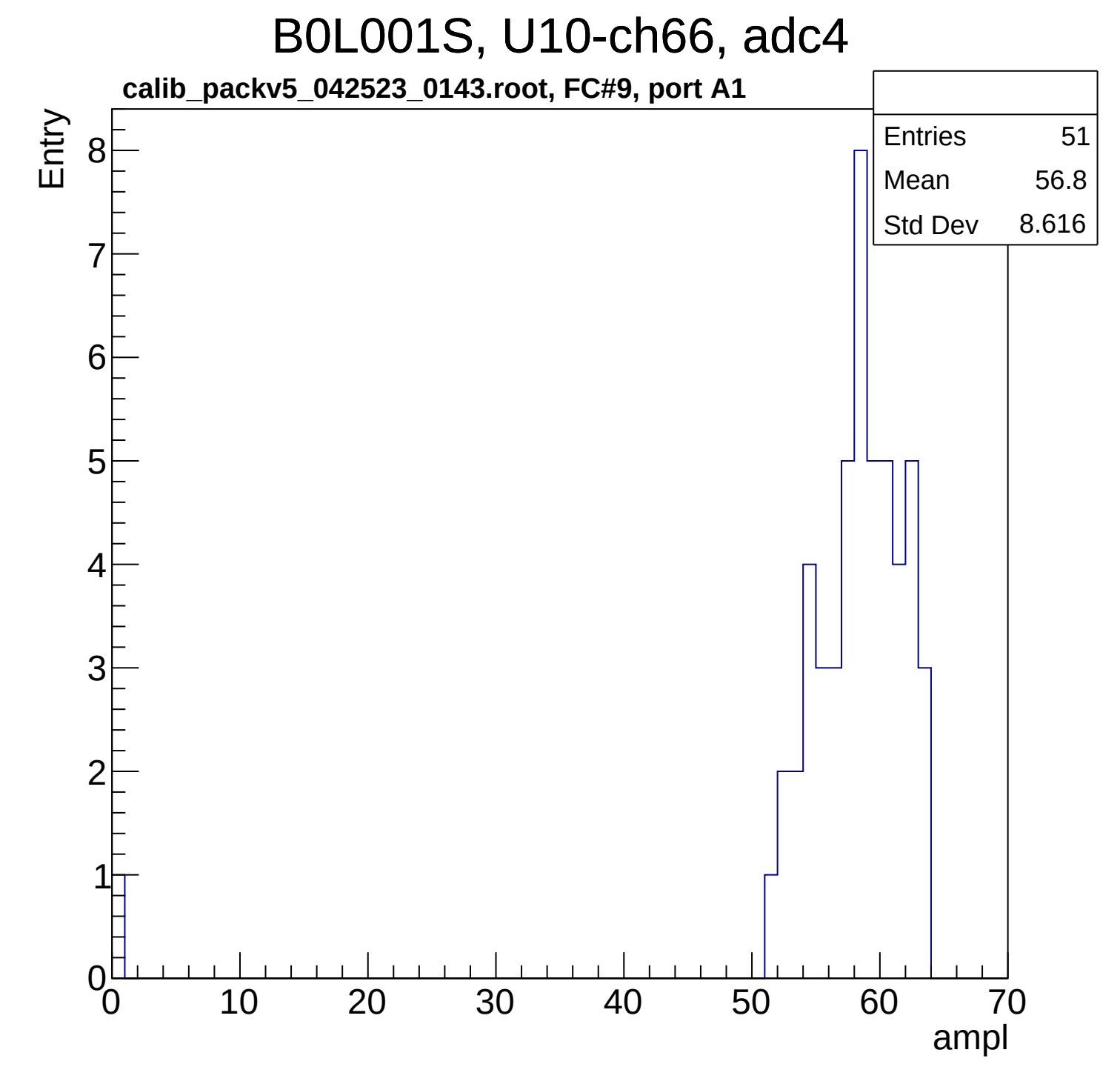

B0L001S, U10-ch65, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

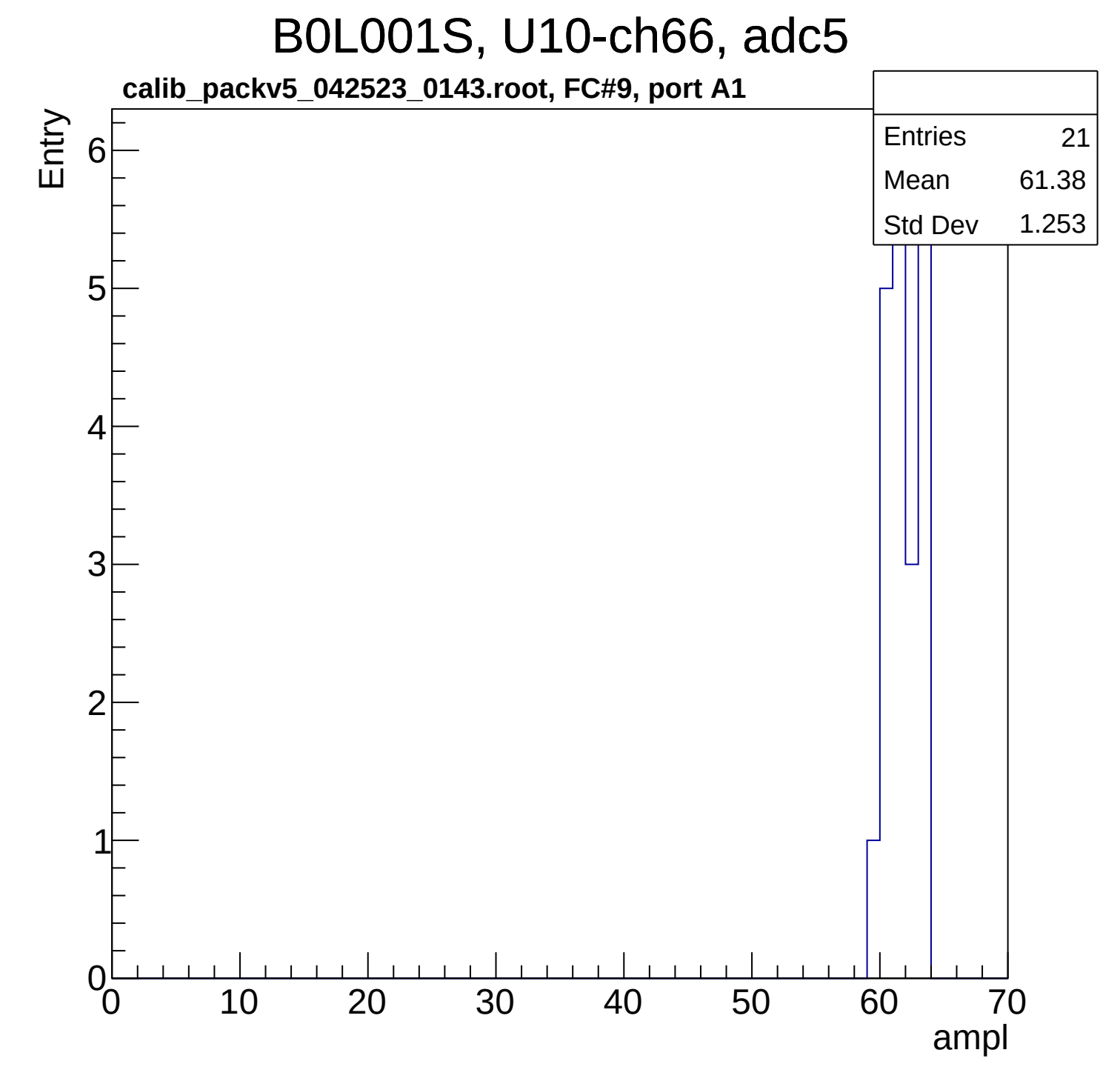

B0L001S, U10-ch66, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 32.3
Std Dev 3.481
Gaus mean : 32.7412
Gaus Width: 3.7563
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

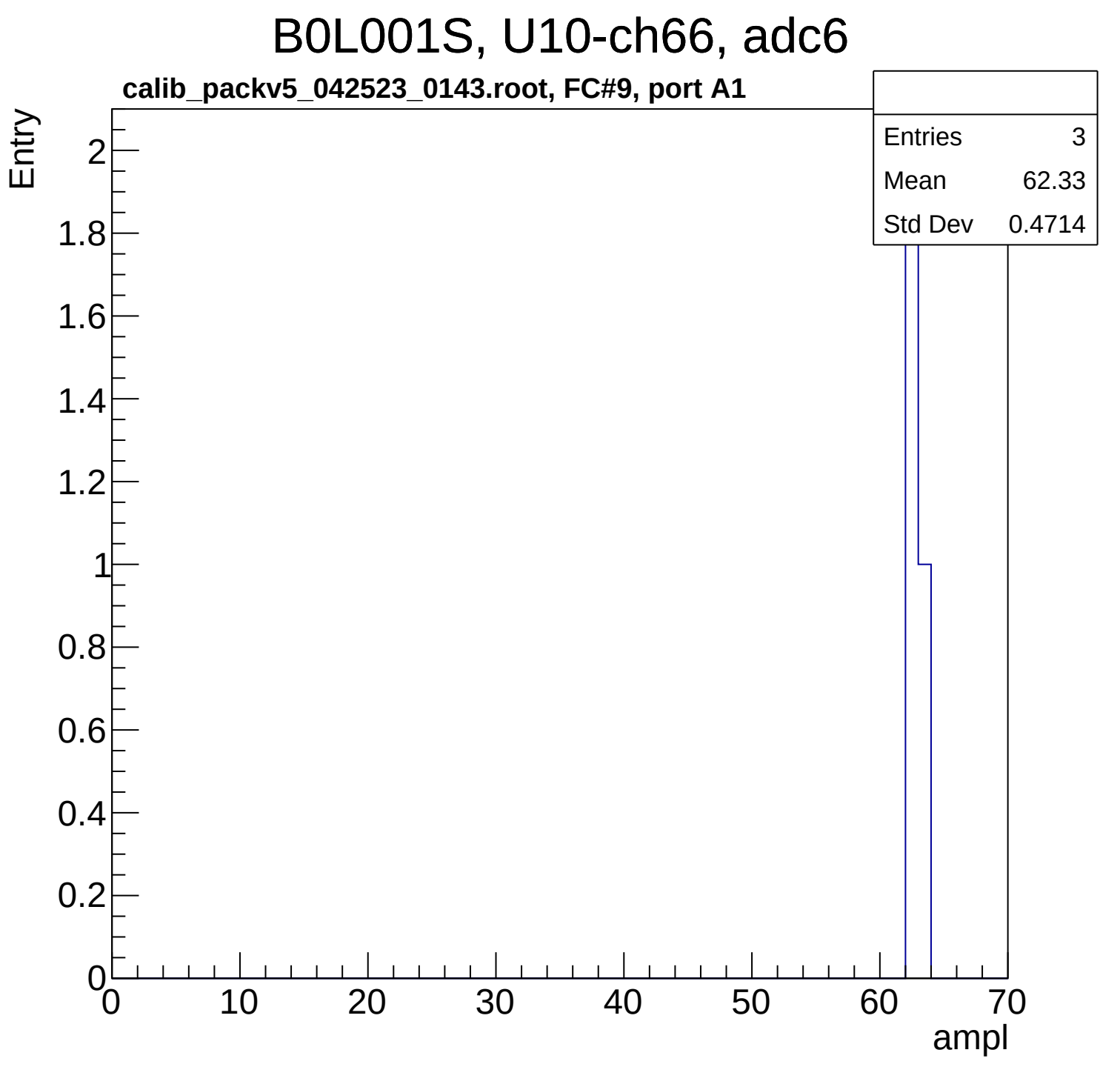

B0L001S, U10-ch66, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 39.31
Std Dev 3.738
Gaus mean : 39.6329
Gaus Width: 3.6751
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

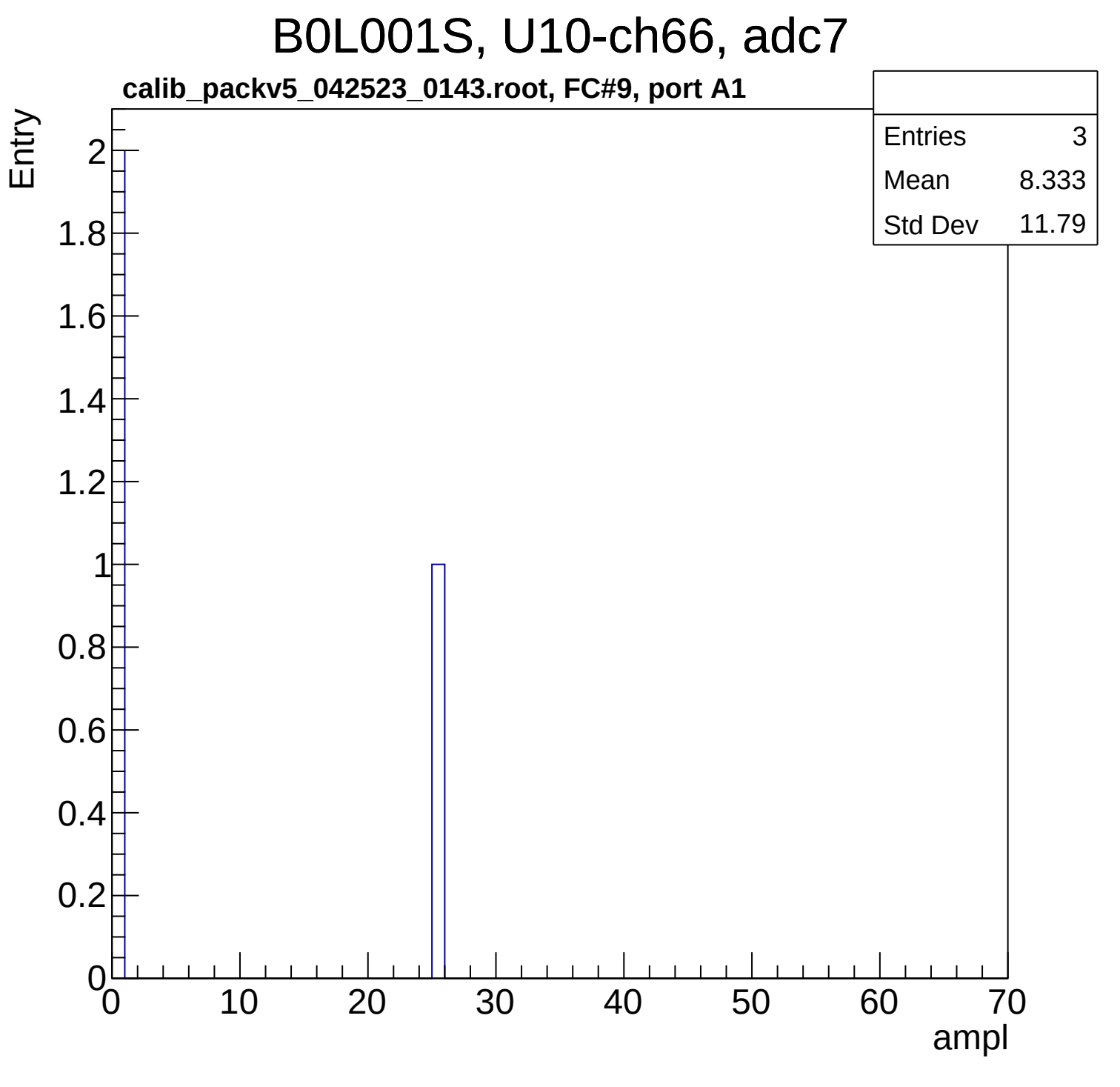

B0L001S, U10-ch66, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 46.54
Std Dev 3.876
Gaus mean : 46.9706
Gaus Width: 4.3168
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

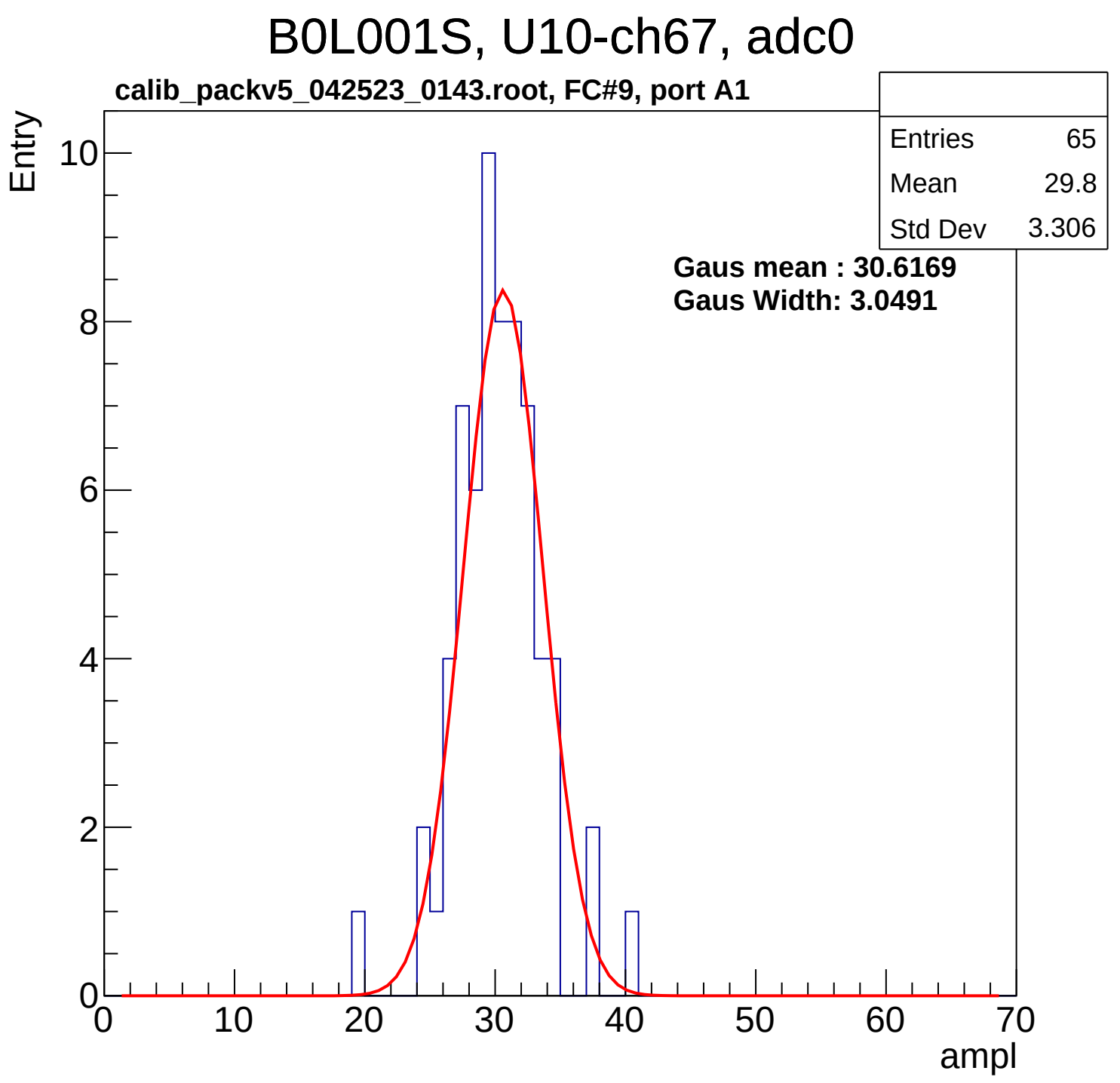

B0L001S, U10-ch66, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 52.57
Std Dev 3.879
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

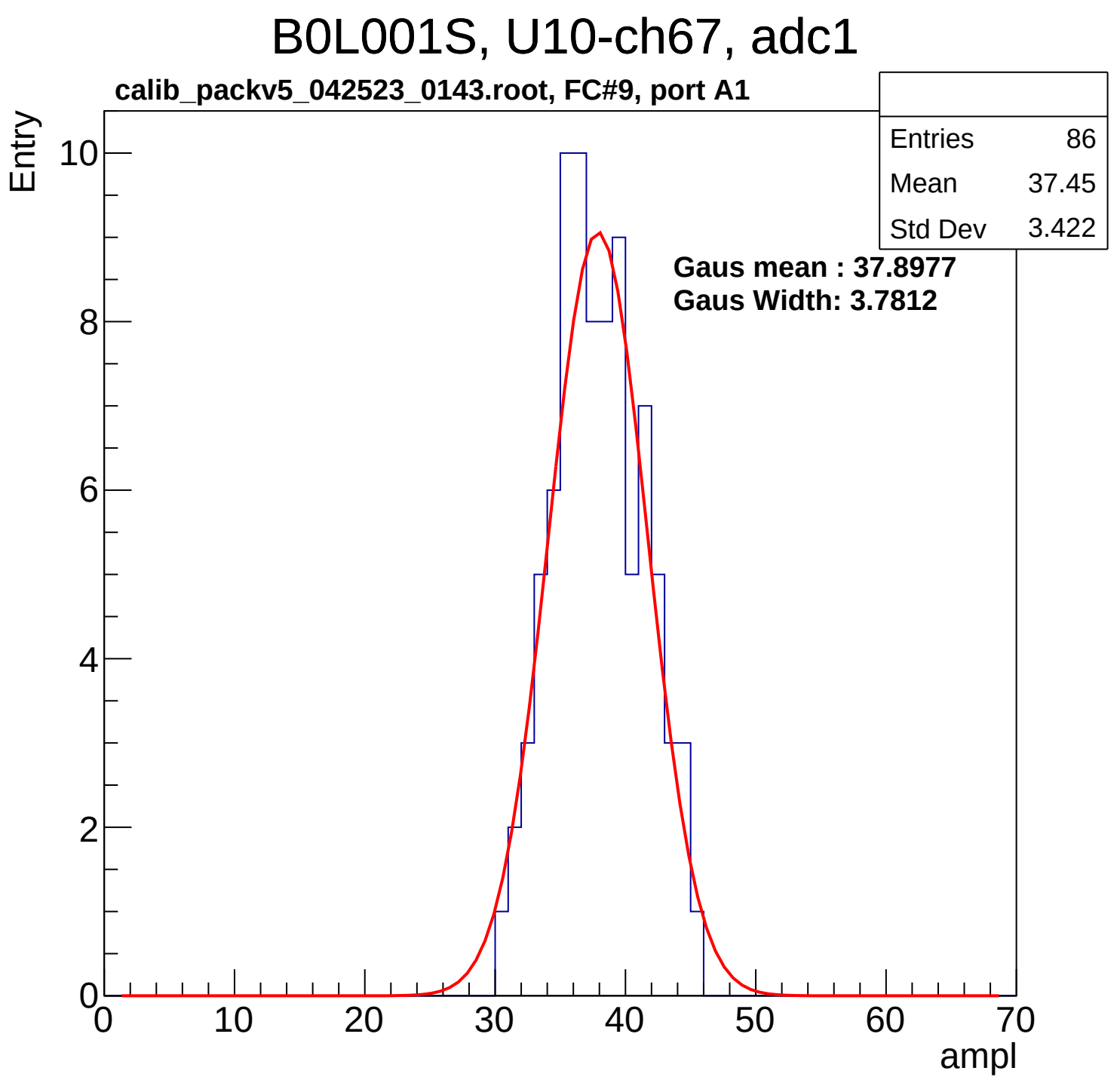

B0L001S, U10-ch66, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 56.8
Std Dev 8.616
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

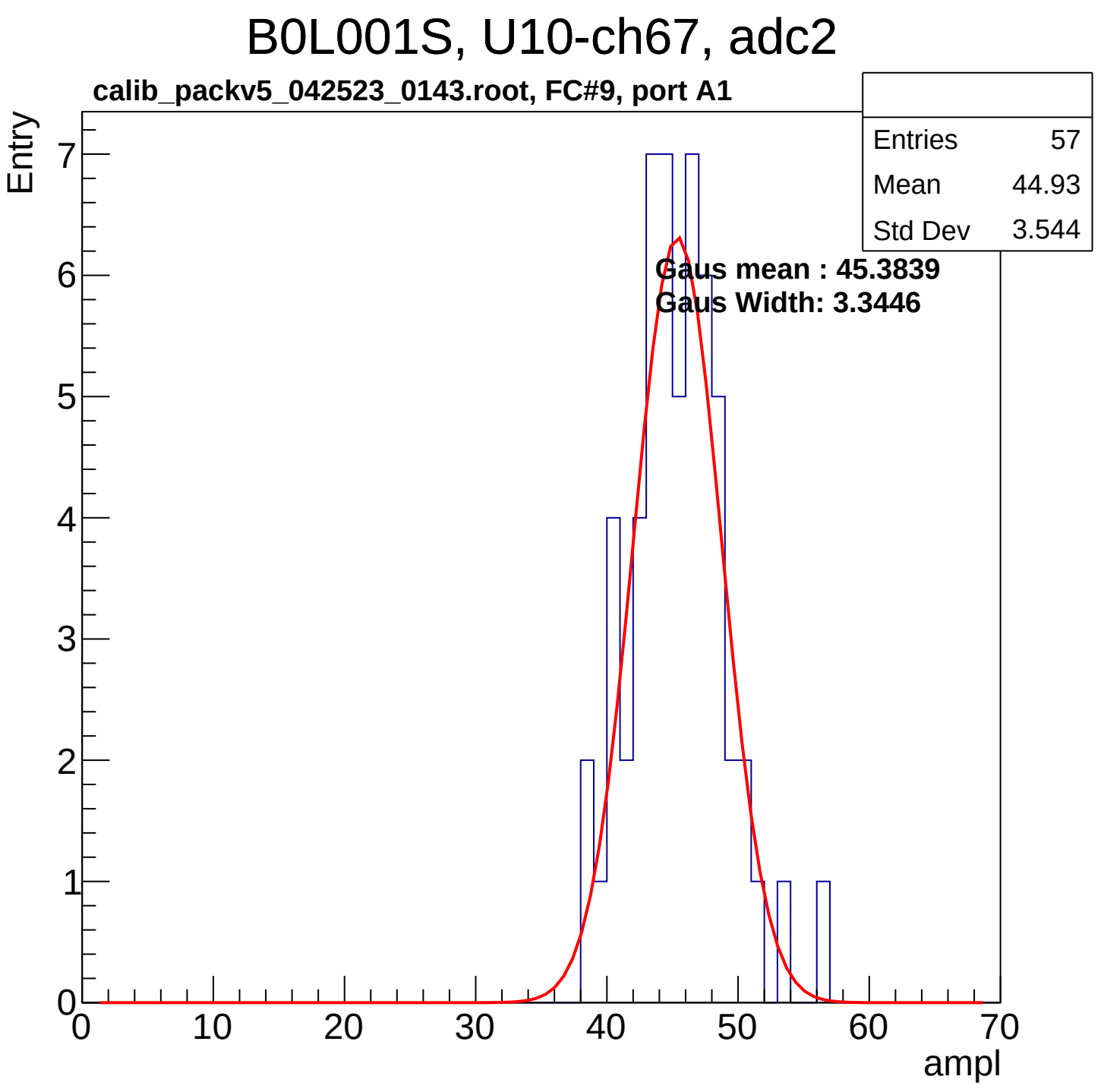

B0L001S, U10-ch66, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 21
Mean 61.38
Std Dev 1.253
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

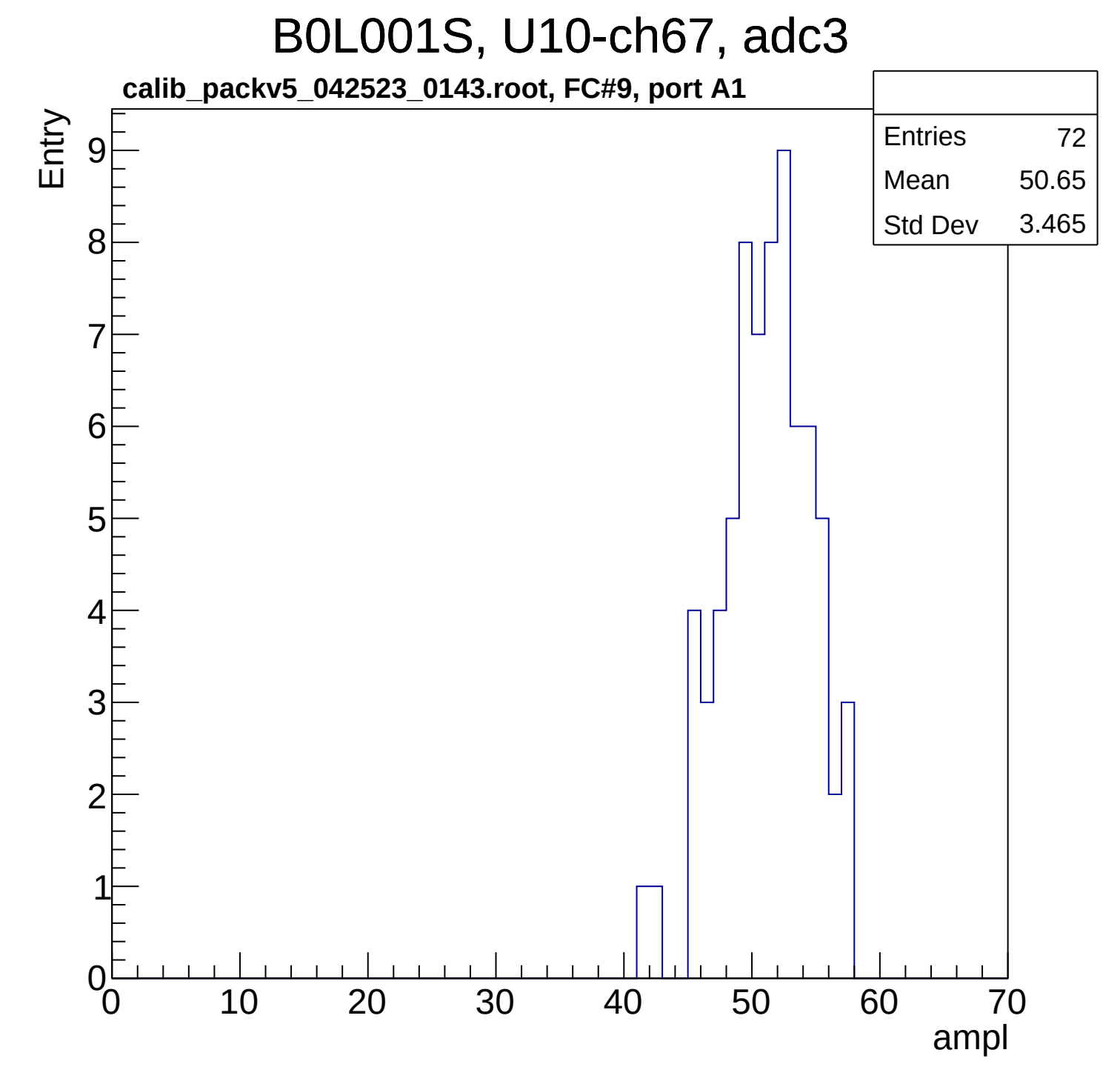

B0L001S, U10-ch66, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

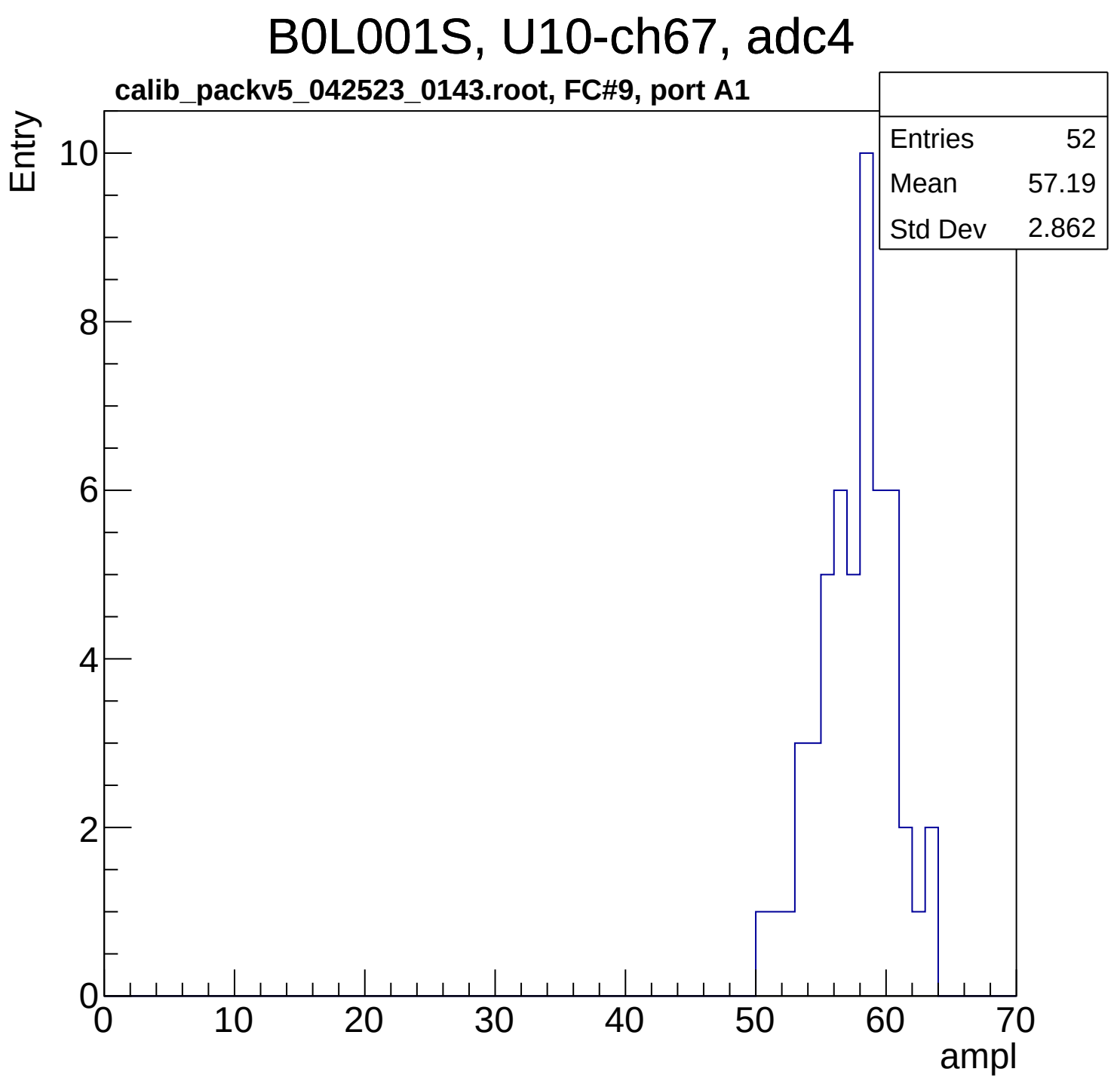

B0L001S, U10-ch66, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 8.333
Std Dev 11.79
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

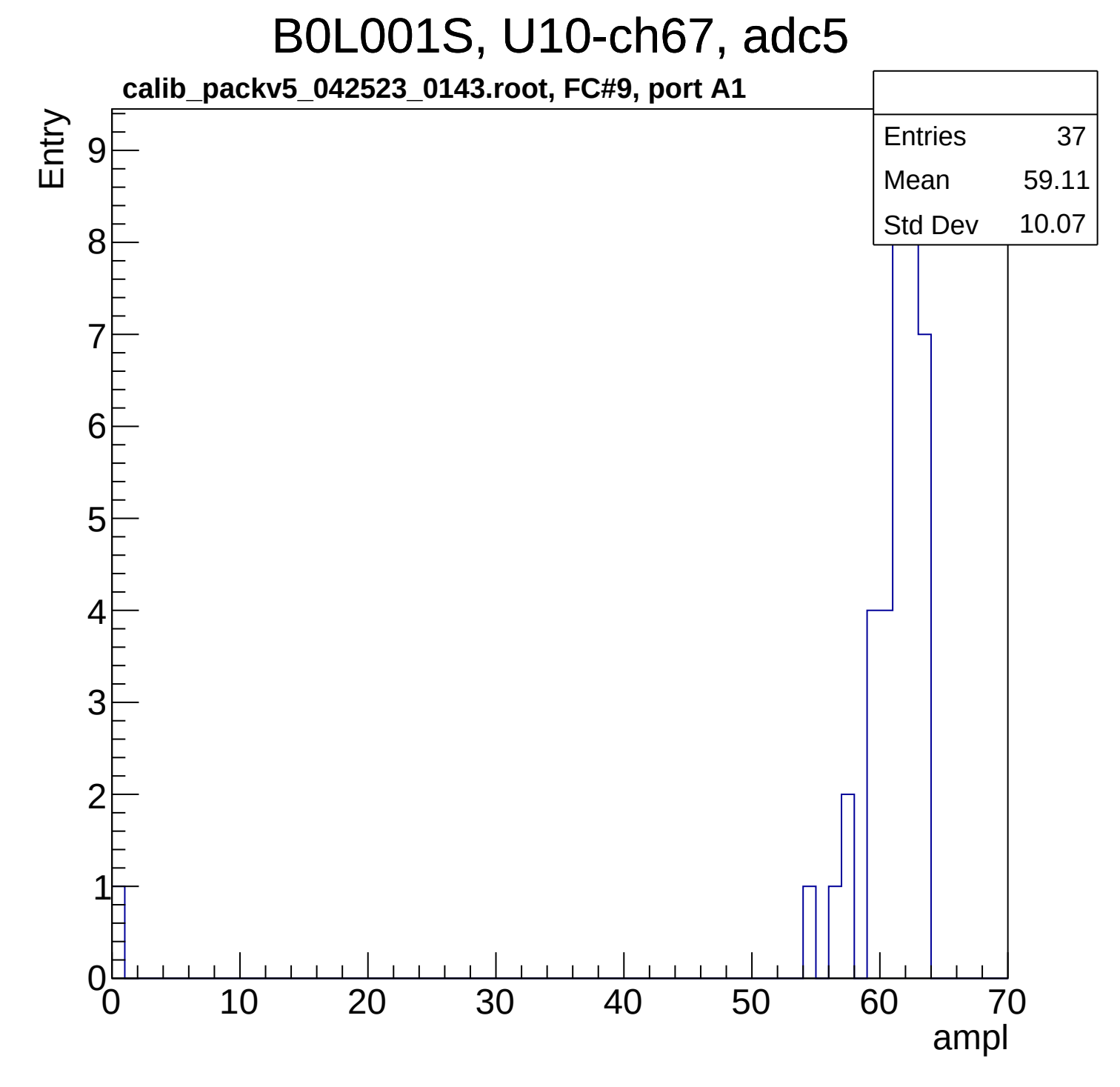

B0L001S, U10-ch67, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 29.8
Std Dev 3.306
Gaus mean : 30.6169
Gaus Width: 3.0491
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

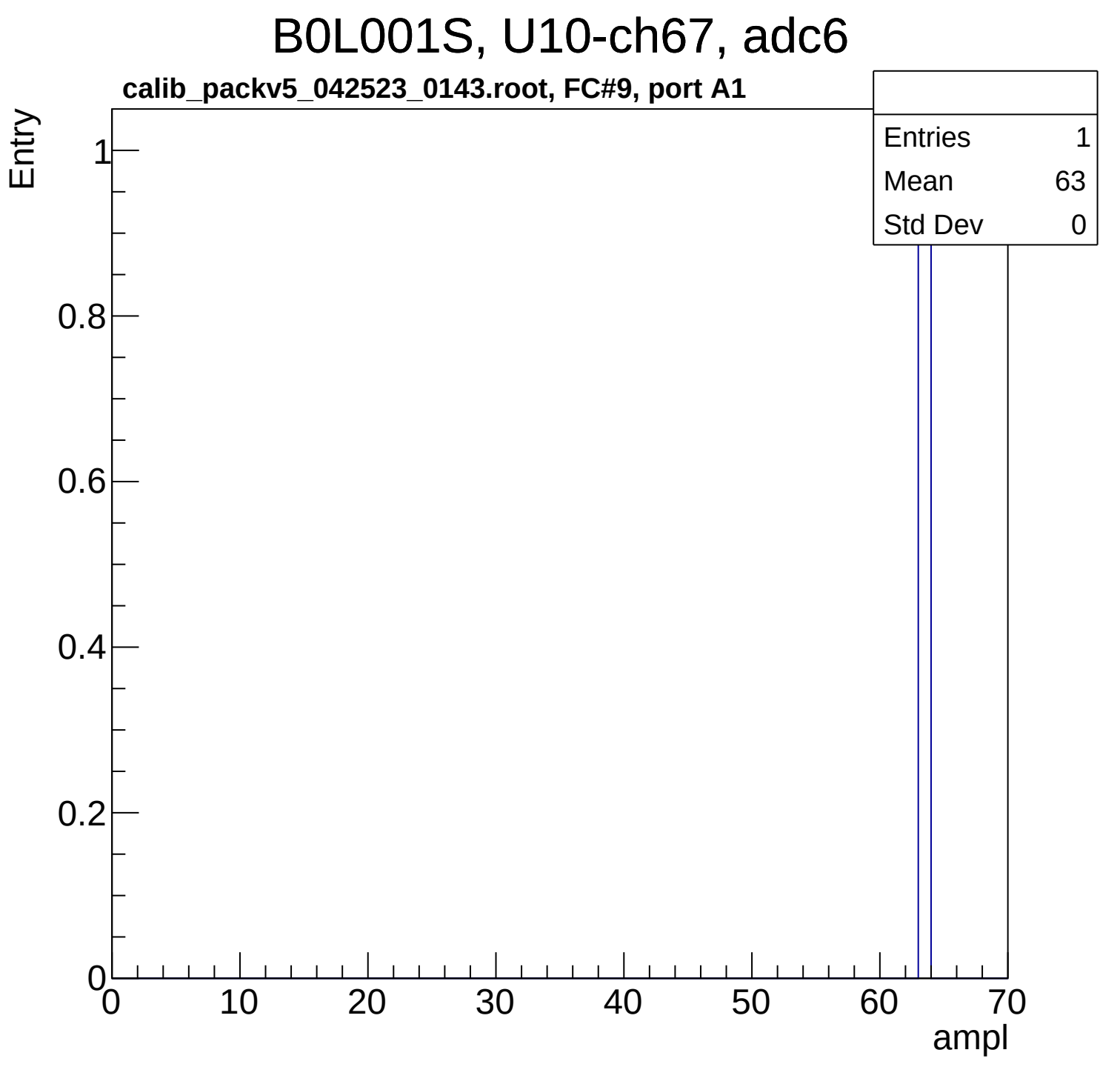

B0L001S, U10-ch67, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 86
Mean 37.45
Std Dev 3.422
Gaus mean : 37.8977
Gaus Width: 3.7812
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

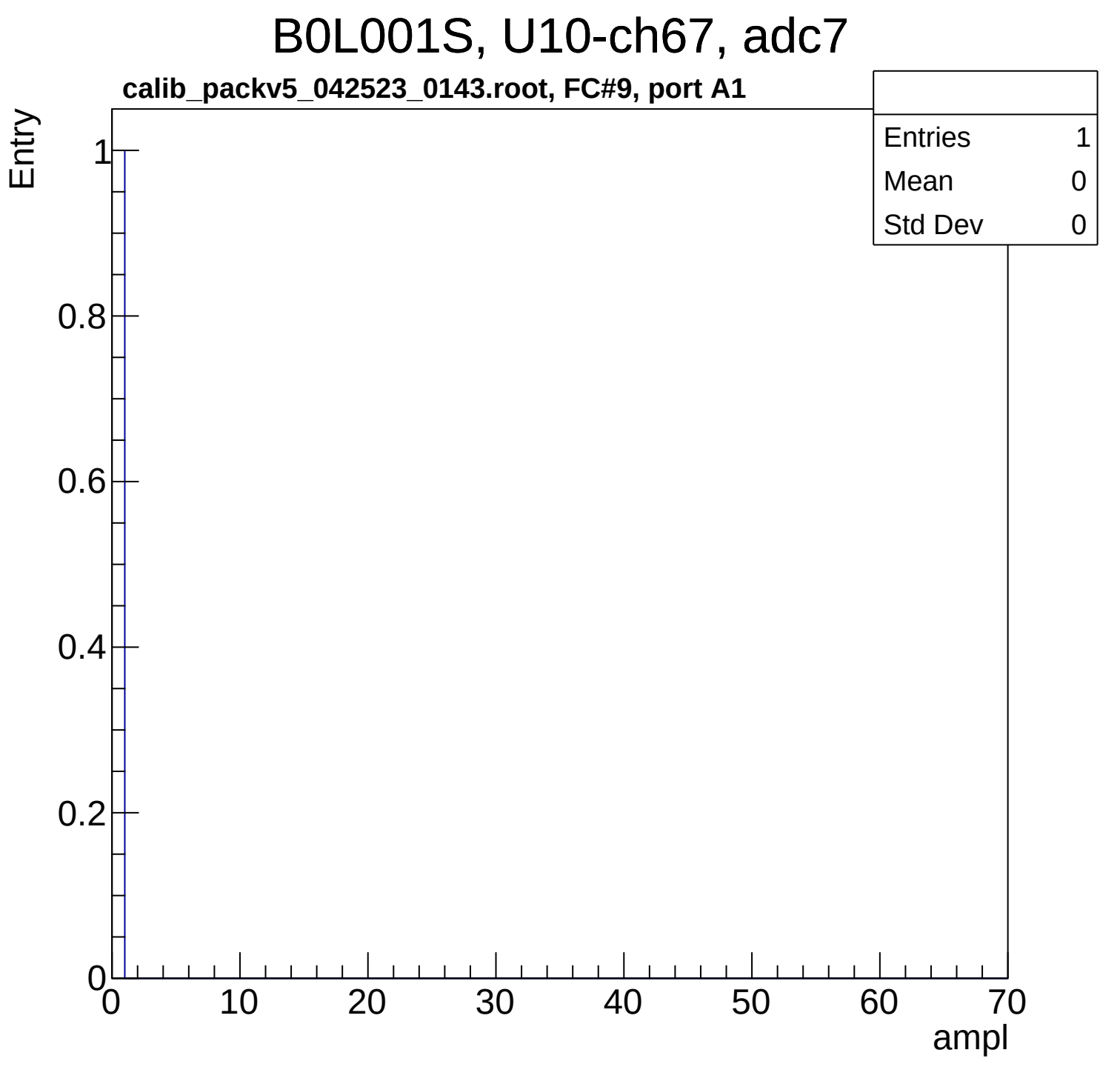

B0L001S, U10-ch67, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 44.93
Std Dev 3.544
Gaus mean : 45.3839
Gaus Width: 3.3446
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch67, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 50.65
Std Dev 3.465
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch67, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 57.19
Std Dev 2.862
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch67, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 59.11
Std Dev 10.07
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch67, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch67, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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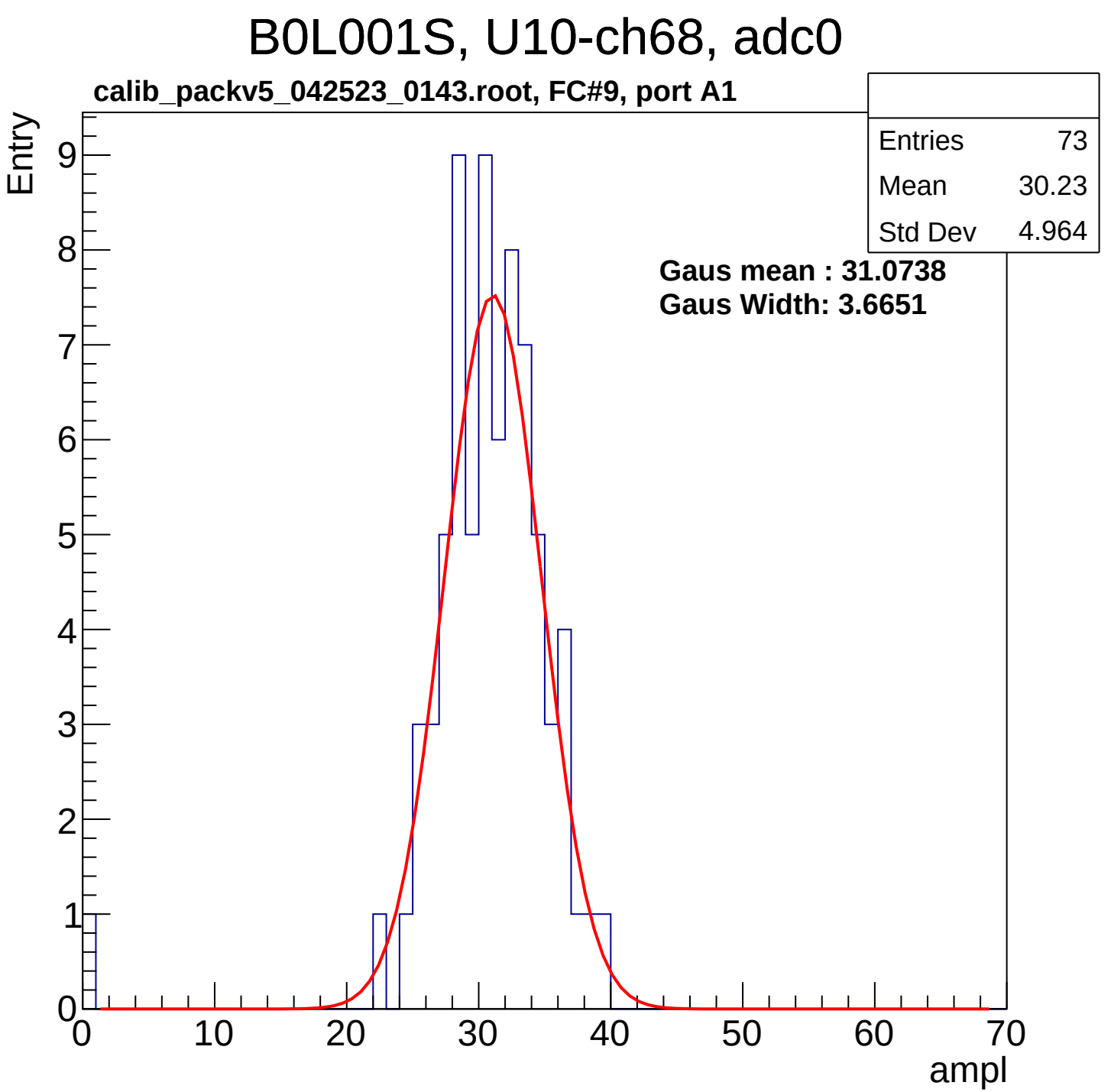
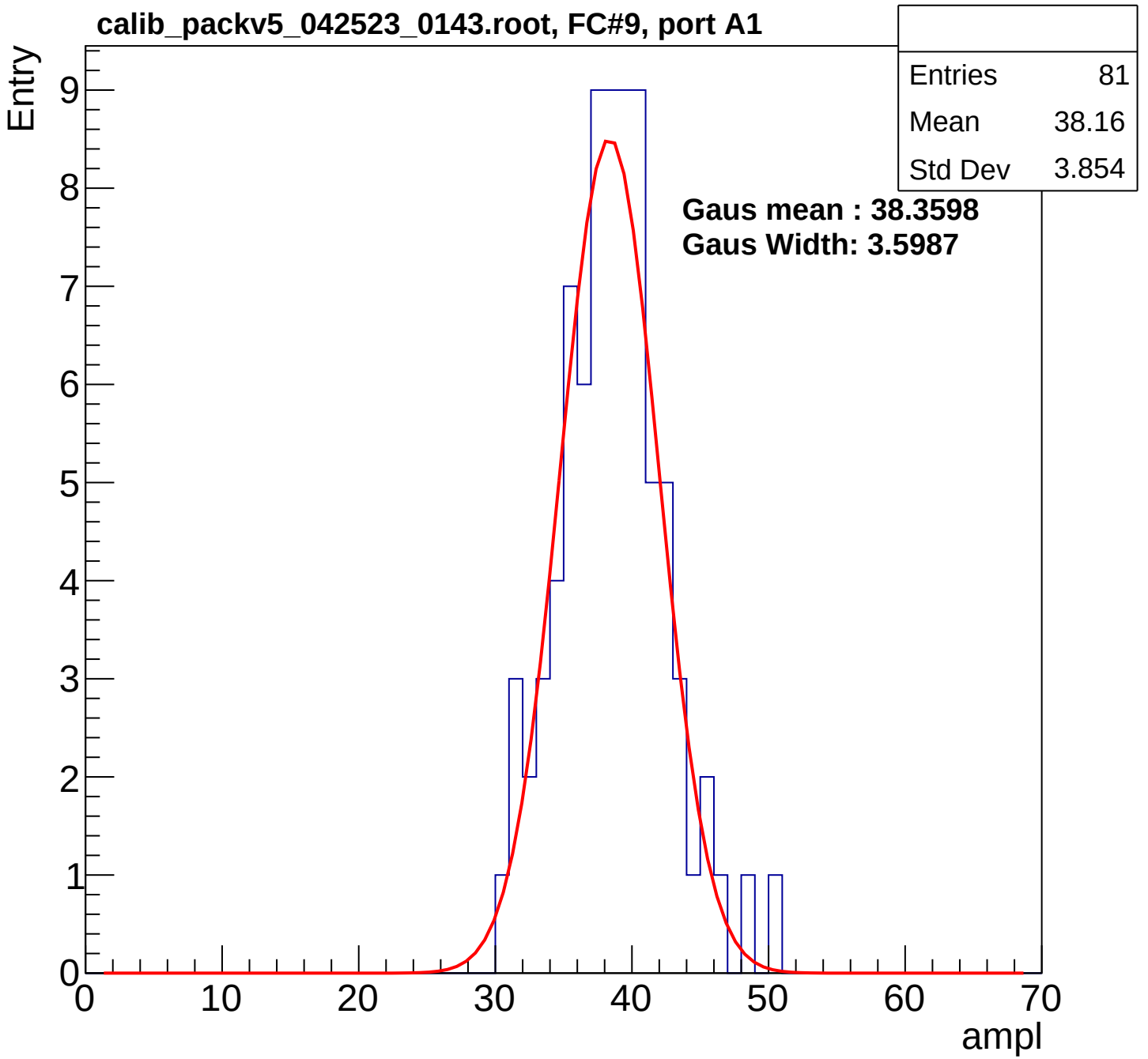
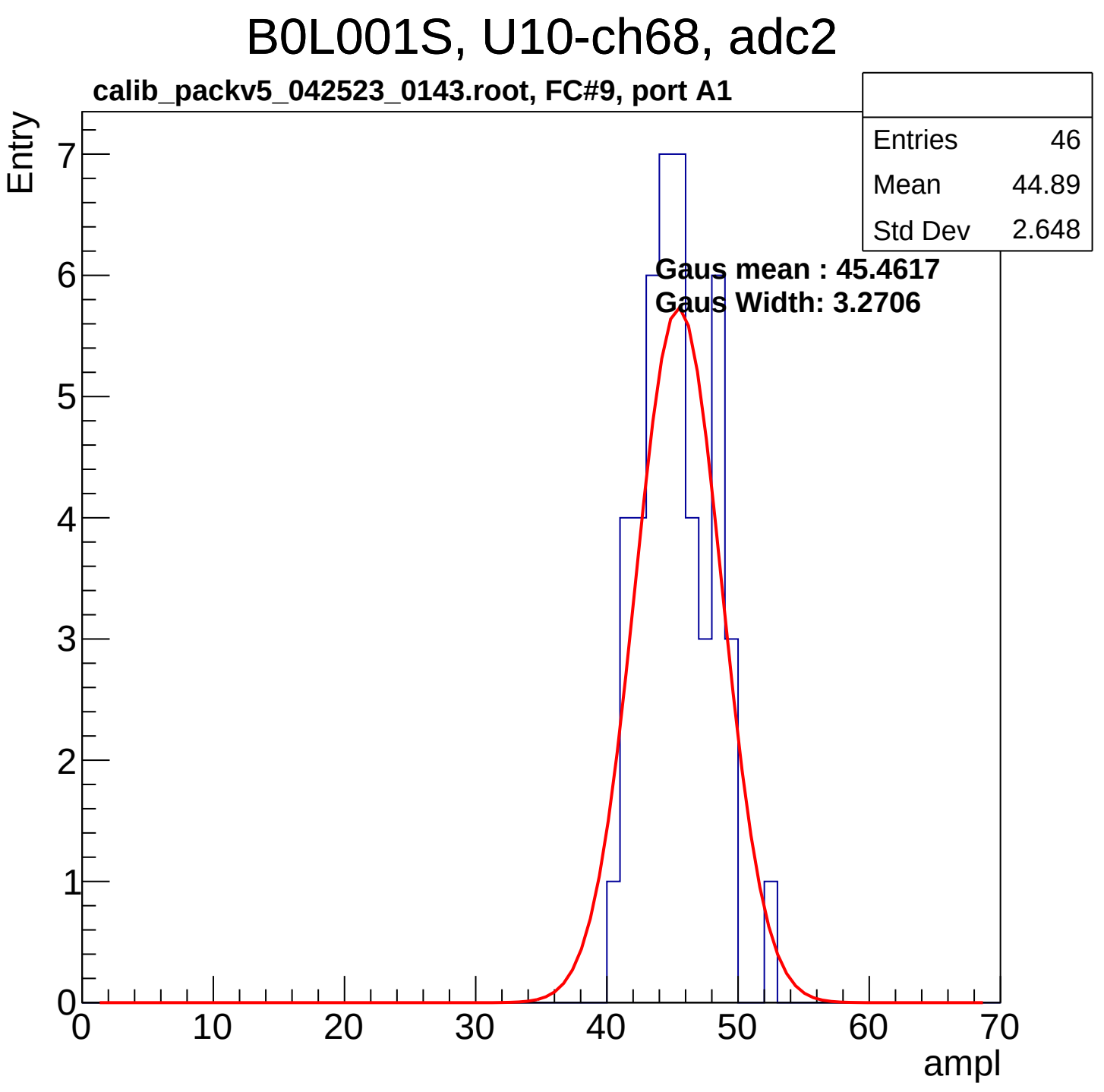
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch68, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 30.23
Std Dev 4.964
Gaus mean : 31.0738
Gaus Width: 3.6651
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch68, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 38.16
Std Dev 3.854
Gaus mean : 38.3598
Gaus Width: 3.5987
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch68, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 44.89
Std Dev 2.648
Gaus mean : 45.4617
Gaus Width: 3.2706
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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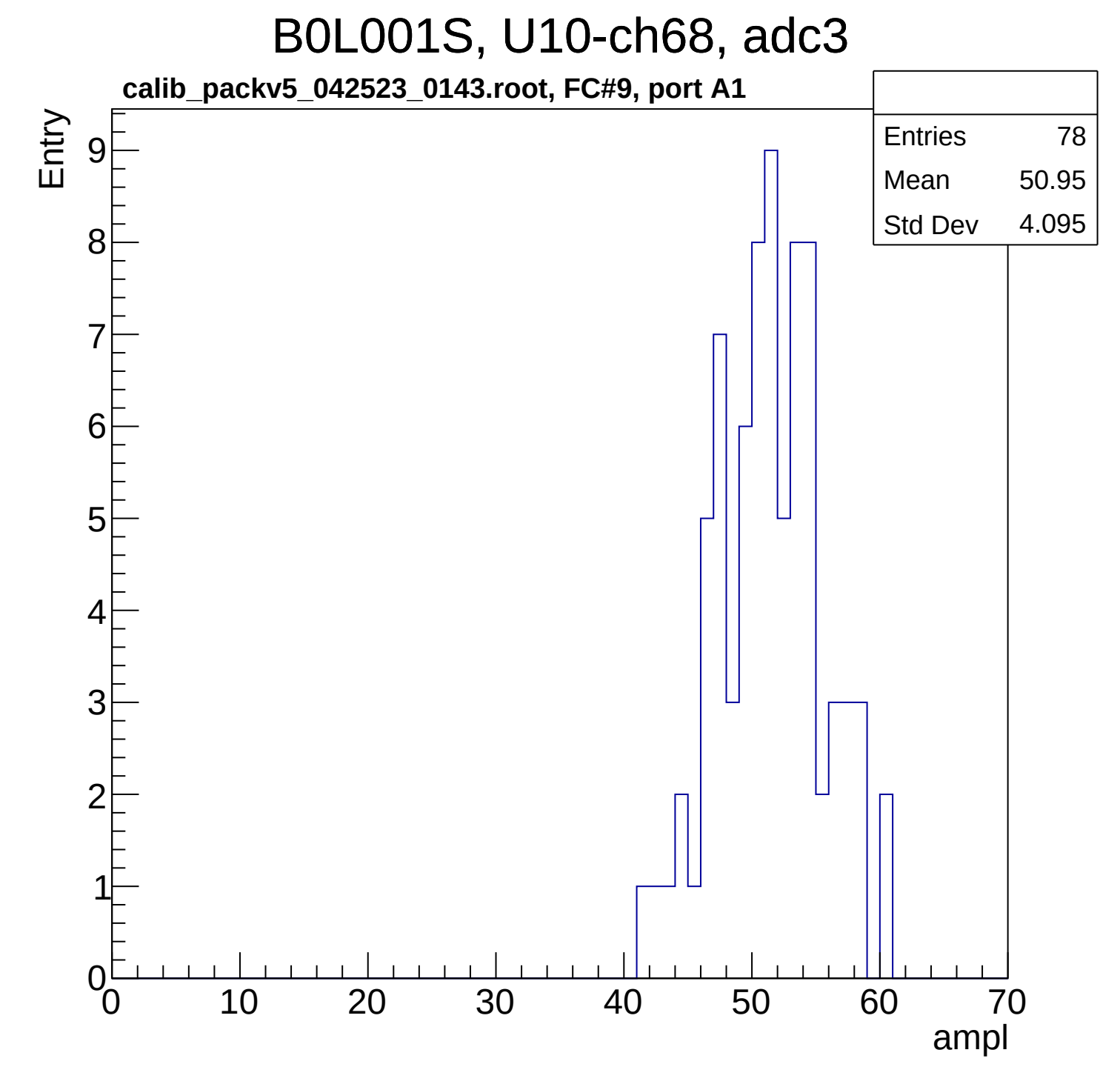
40
50
60
70


B0L001S, U10-ch68, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 50.95
Std Dev 4.095
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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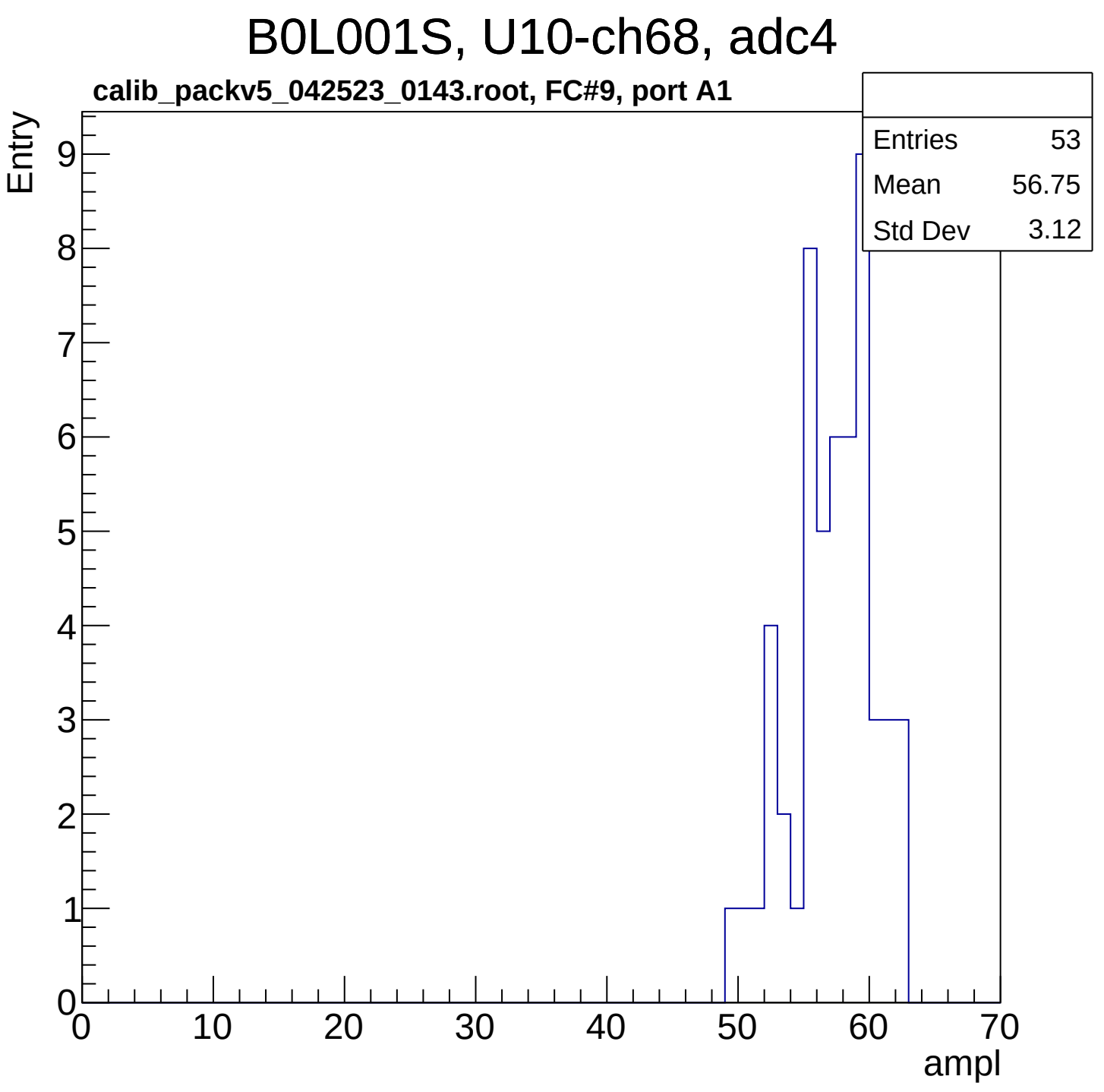
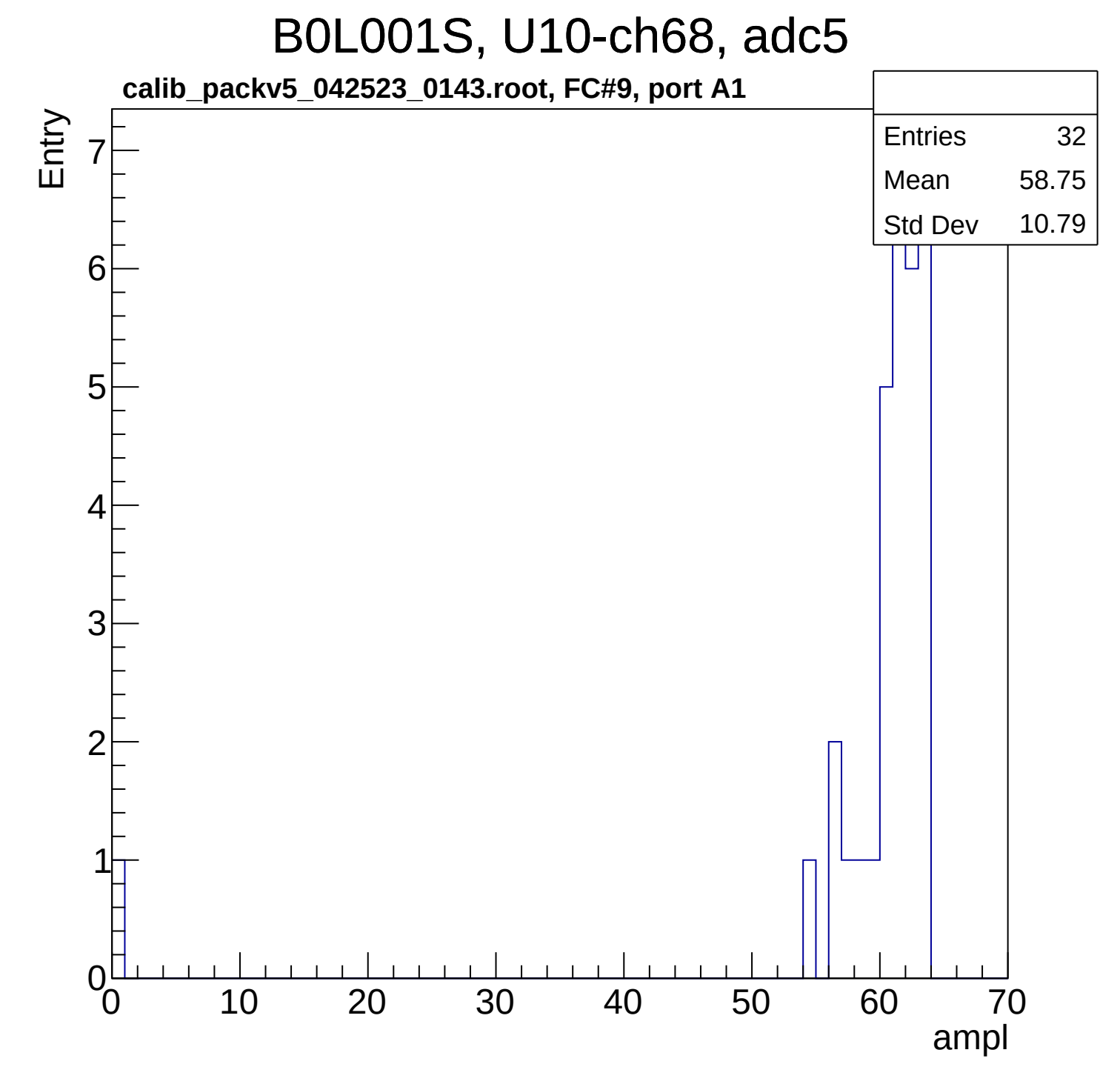
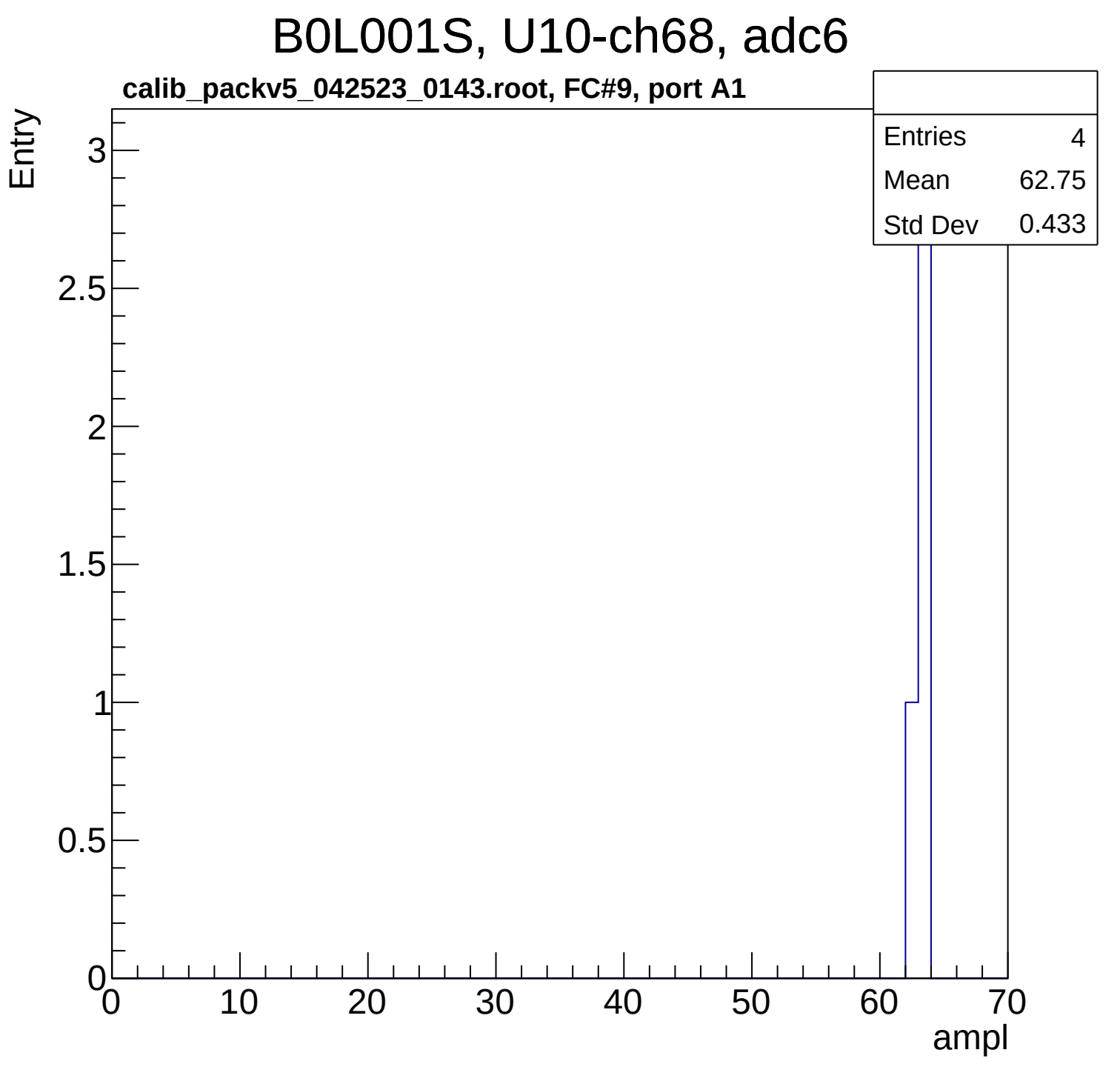
40
50
60
70


B0L001S, U10-ch68, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 56.75
Std Dev 3.12
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch68, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 58.75
Std Dev 10.79
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch68, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
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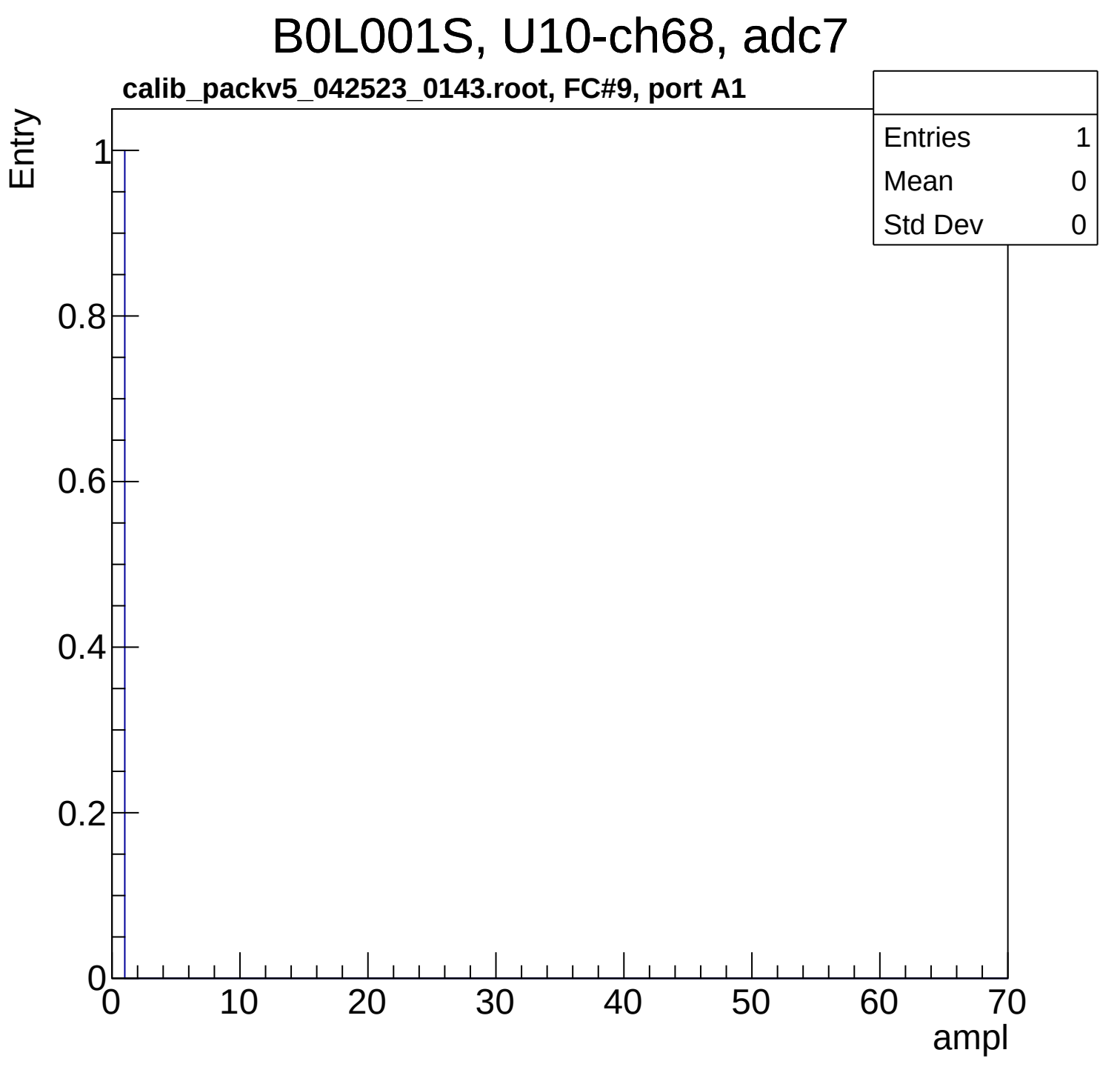
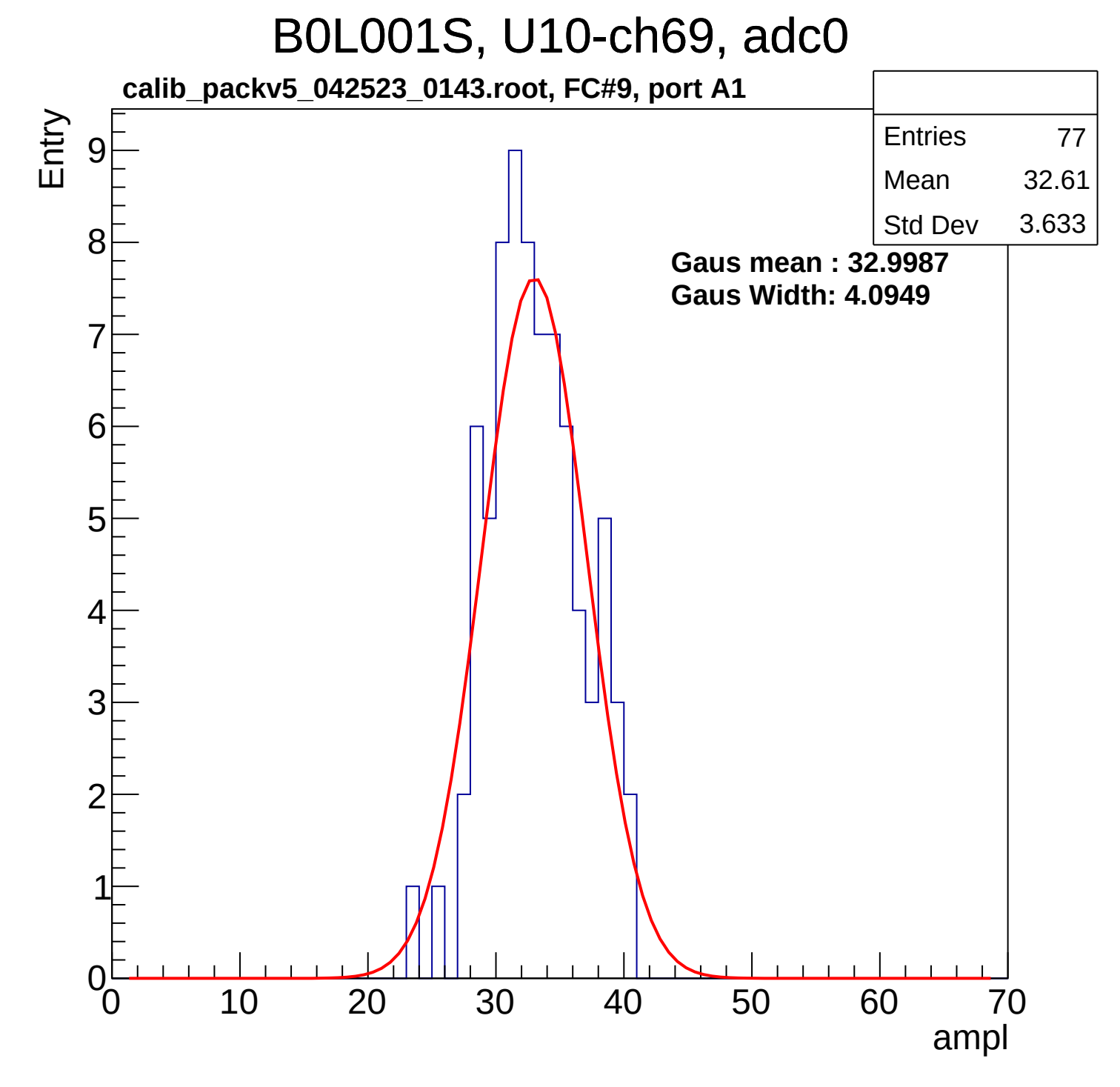
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch68, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch69, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 32.61
Std Dev 3.633
Gaus mean : 32.9987
Gaus Width: 4.0949
Entry
ampl
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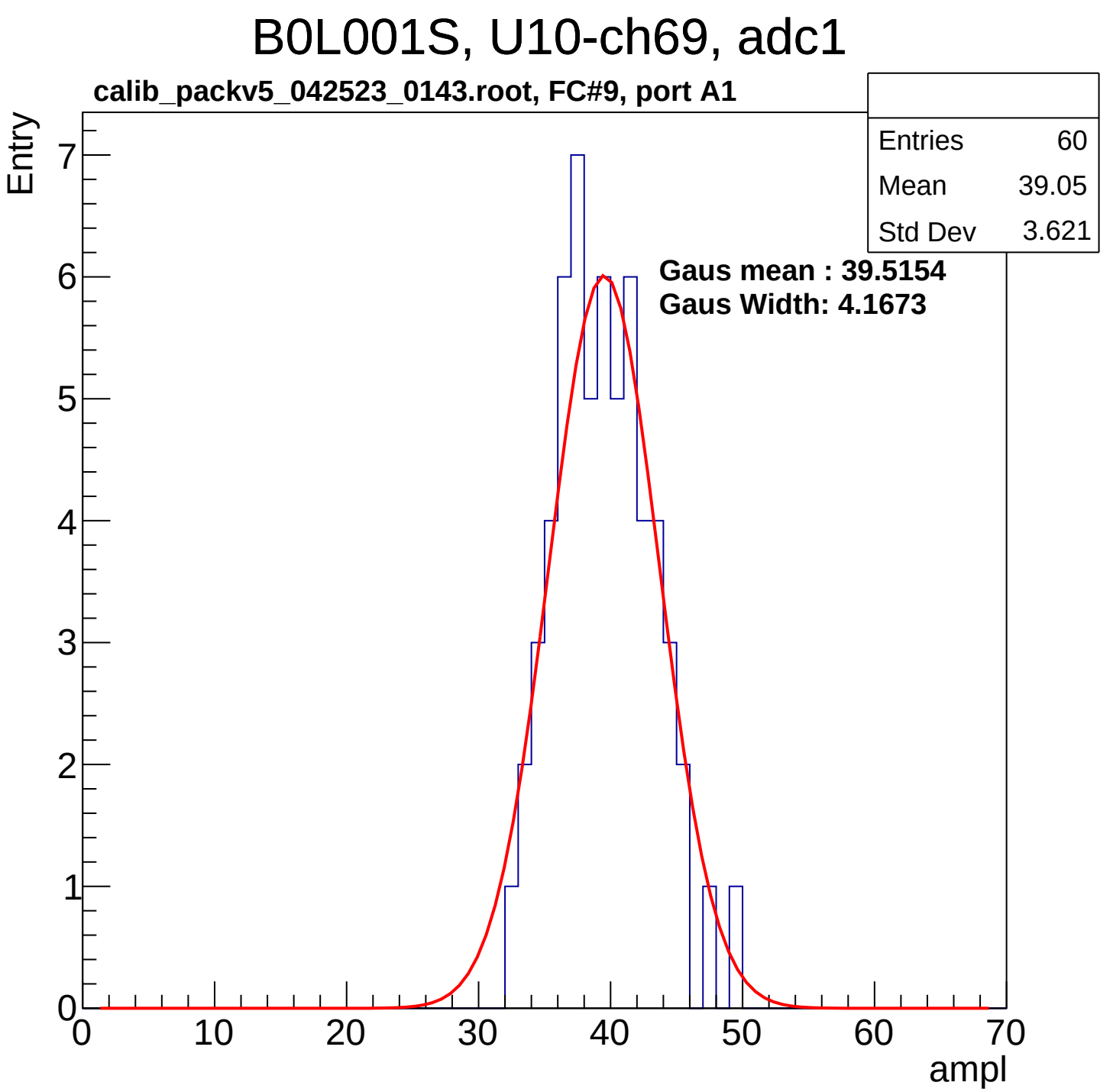
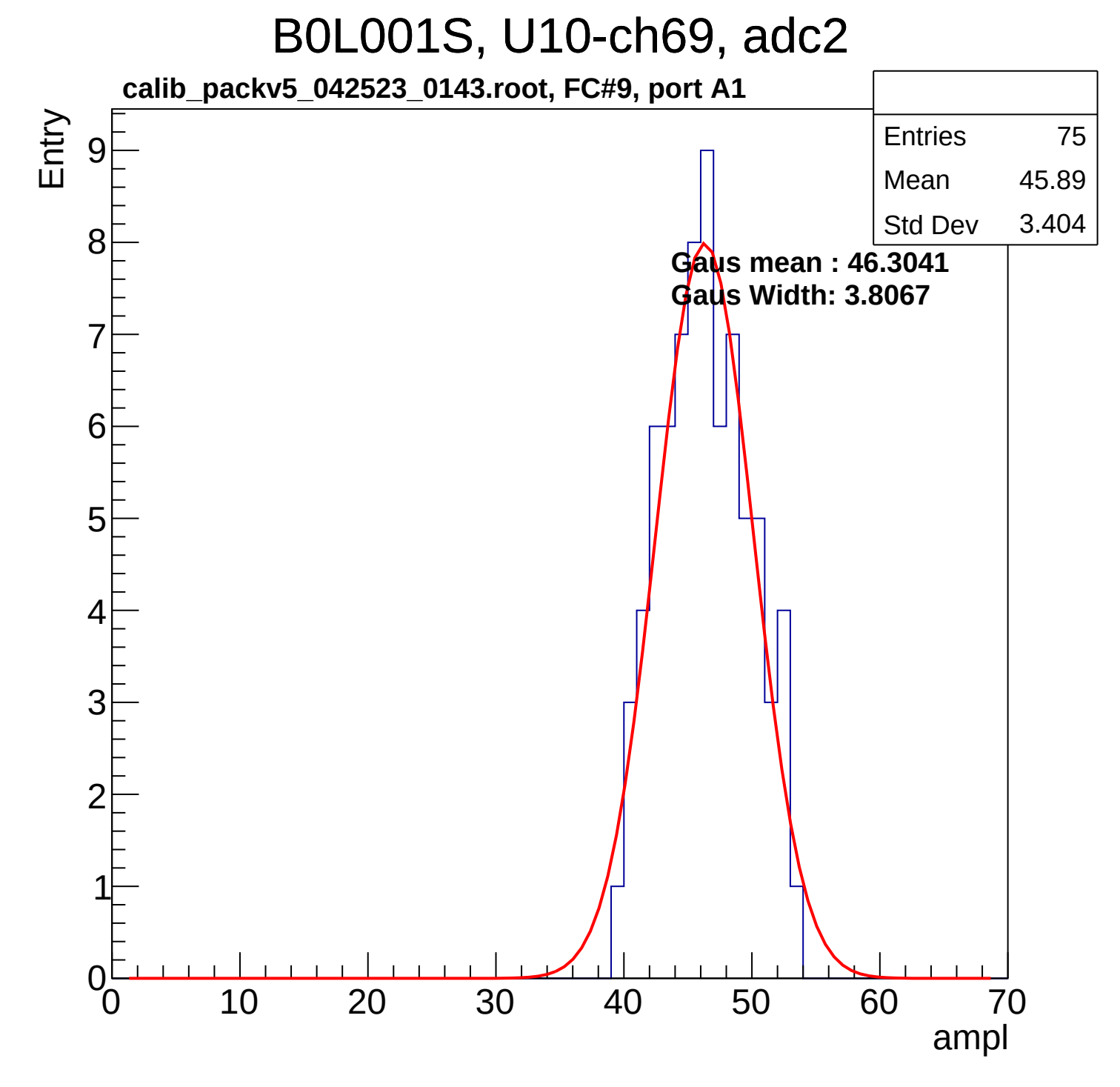
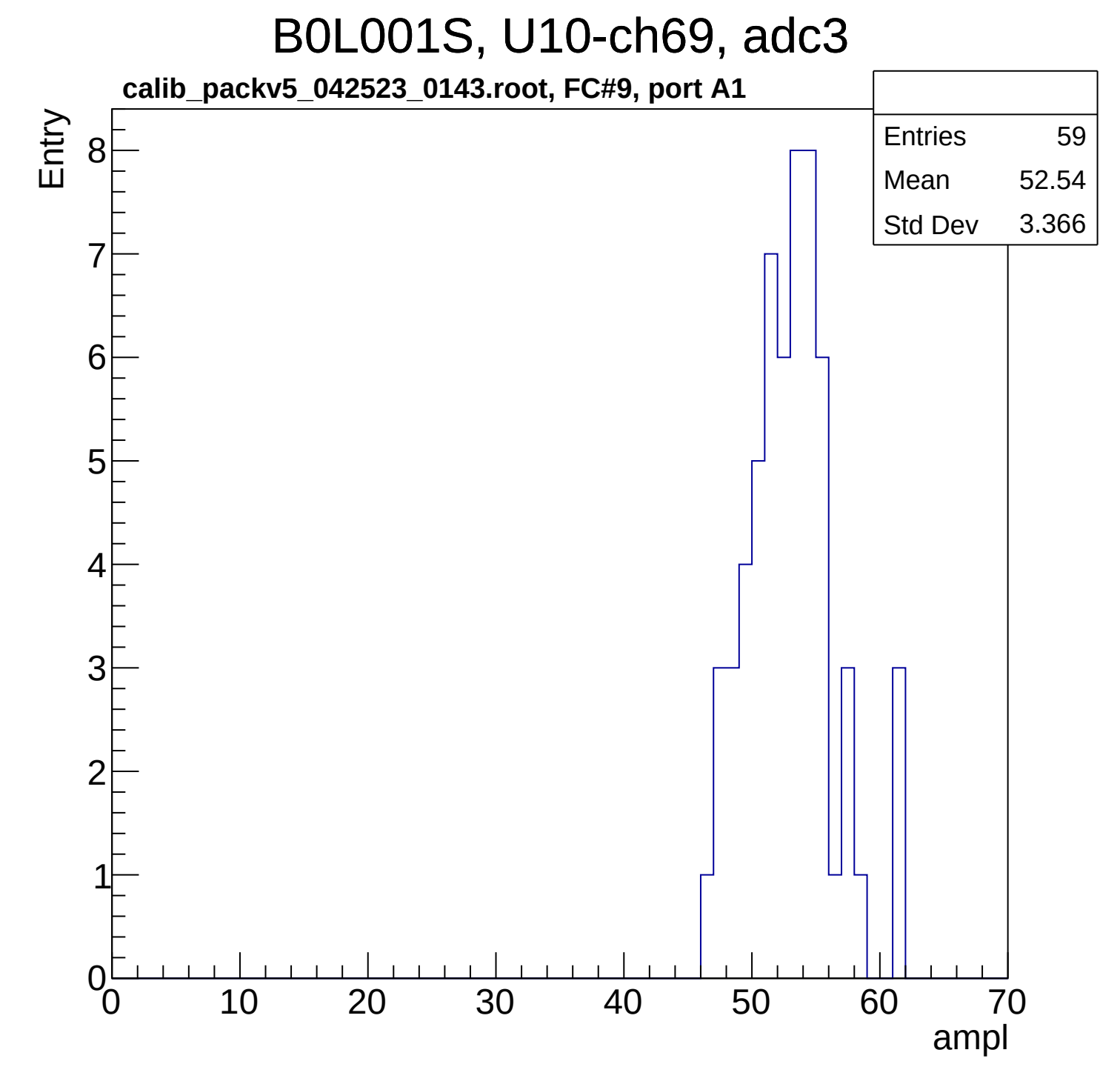
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch69, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 39.05
Std Dev 3.621
Gaus mean : 39.5154
Gaus Width: 4.1673
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch69, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 45.89
Std Dev 3.404
Gaus mean : 46.3041
Gaus Width: 3.8067
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch69, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 52.54
Std Dev 3.366
Entry
ampl
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1
2
3
4
5
6
7
8
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10
20
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60
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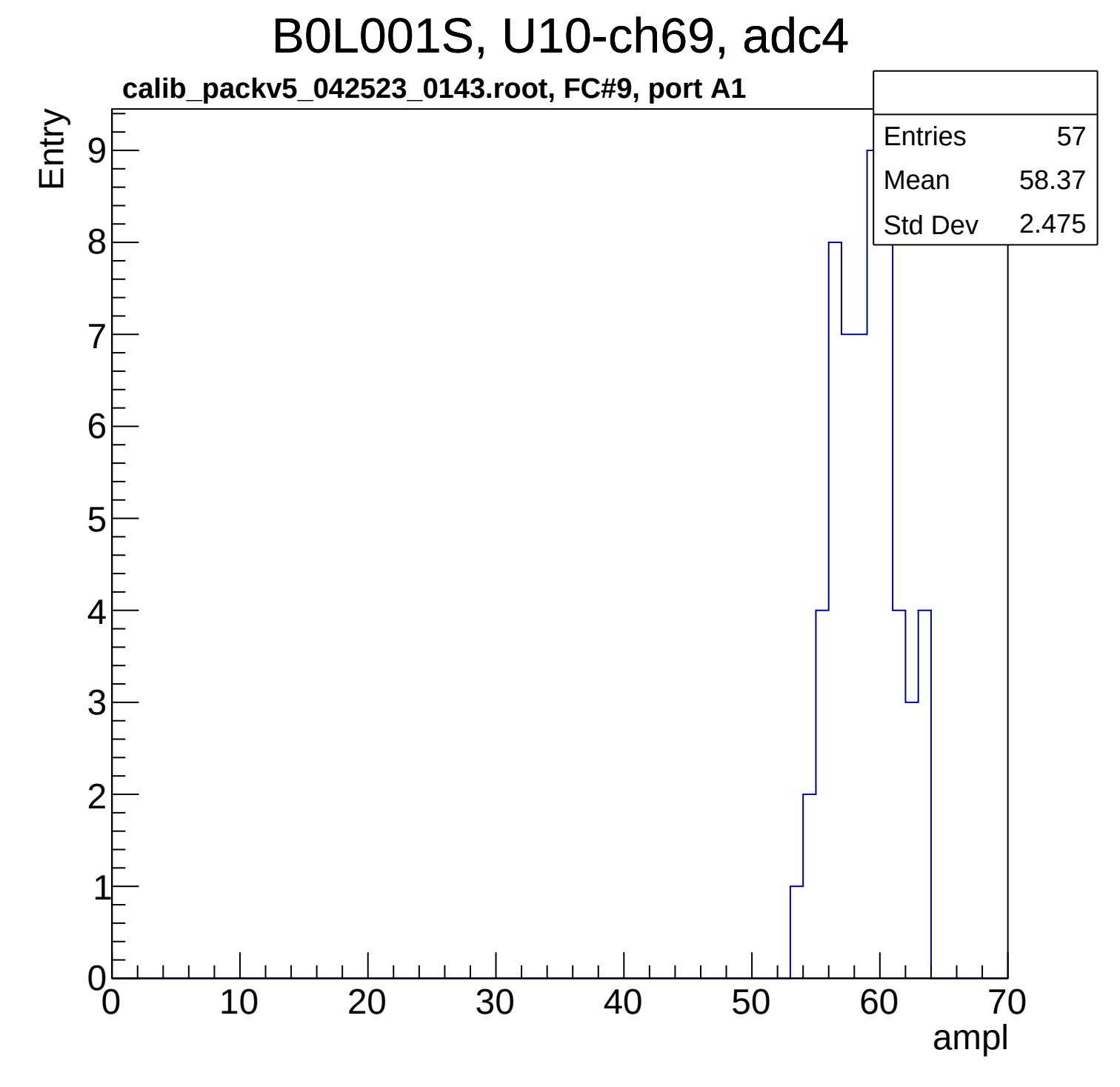
B0L001S, U10-ch69, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 58.37
Std Dev 2.475
Entry
ampl
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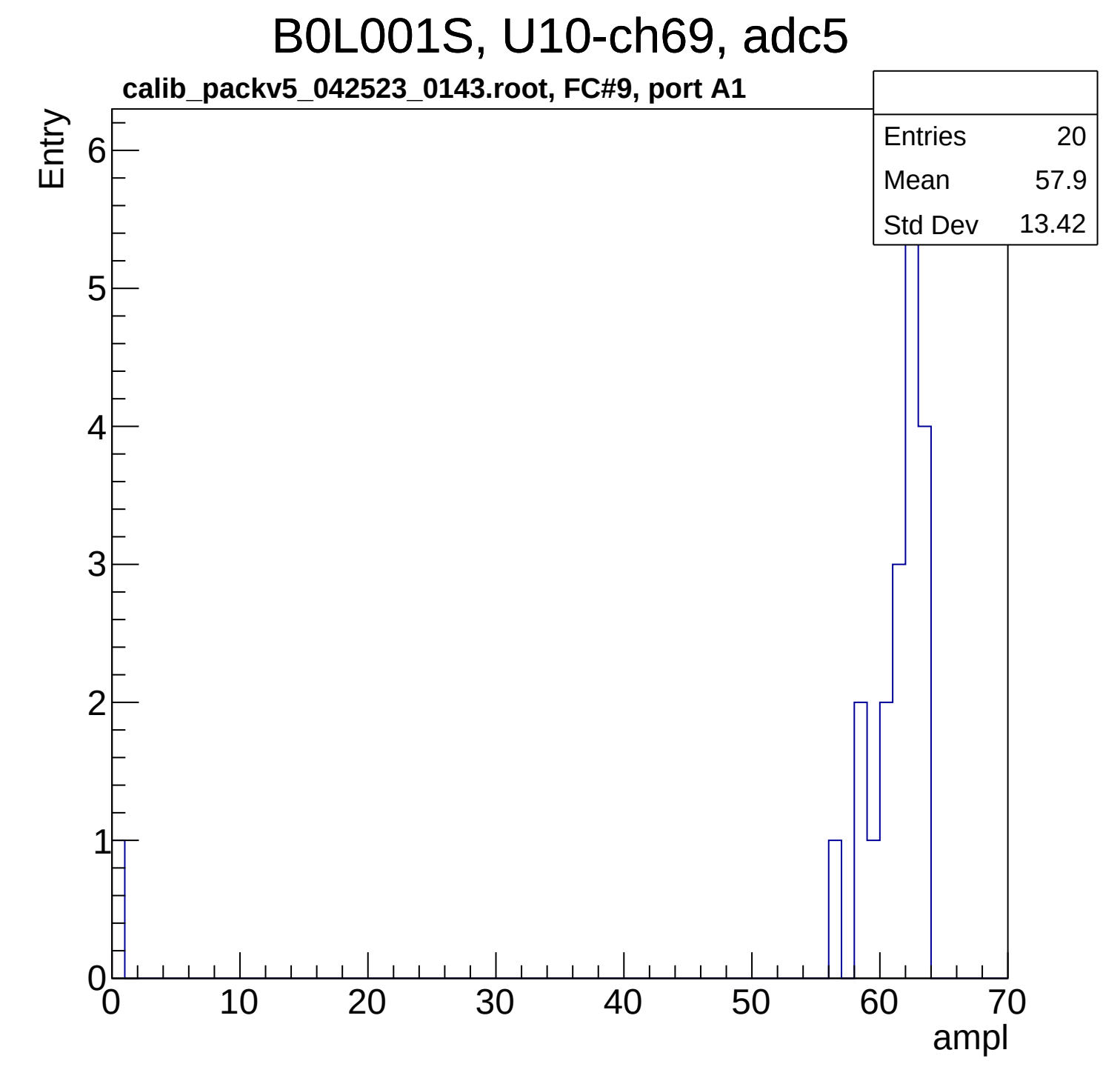
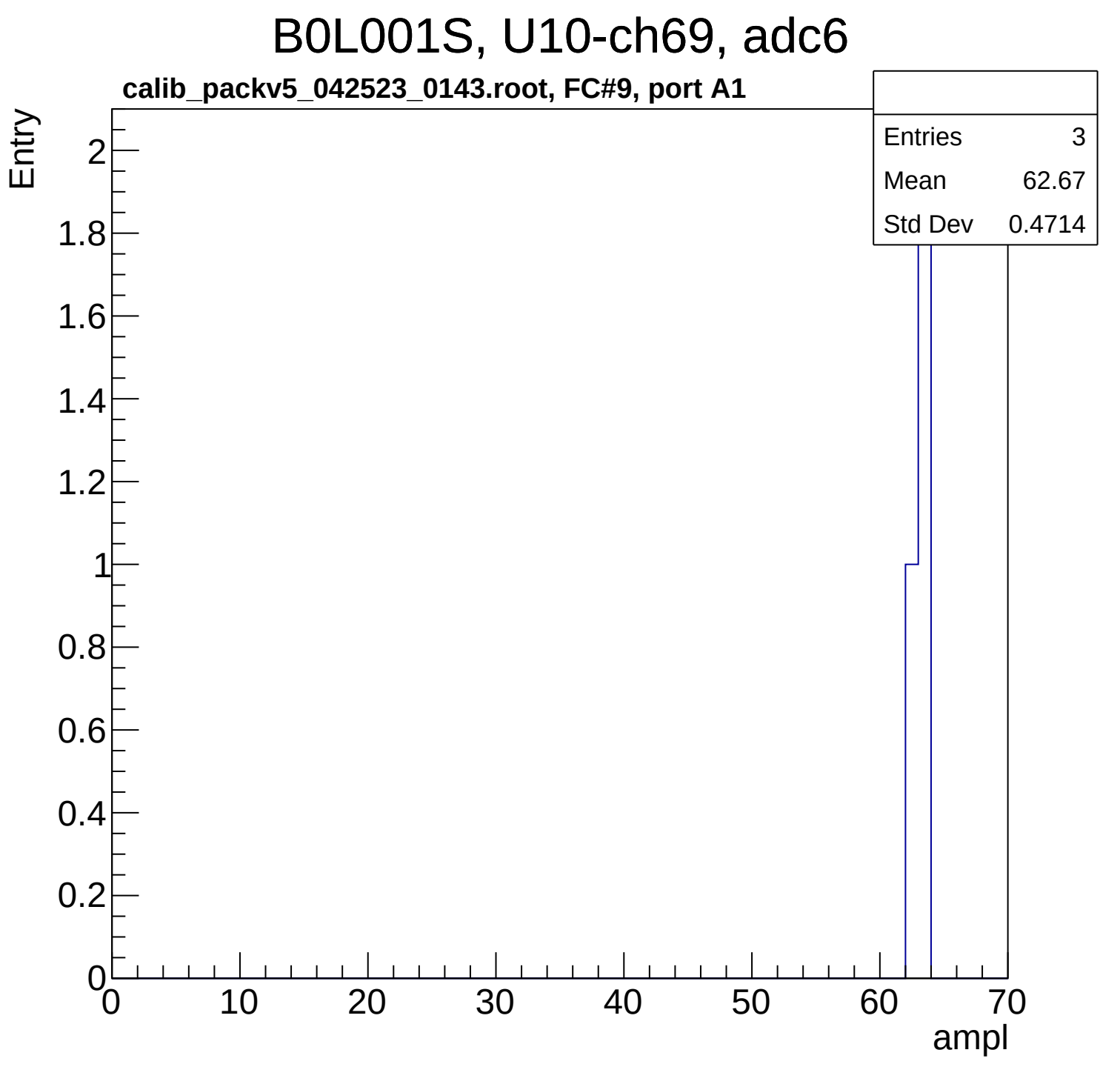
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch69, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 20
Mean 57.9
Std Dev 13.42
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch69, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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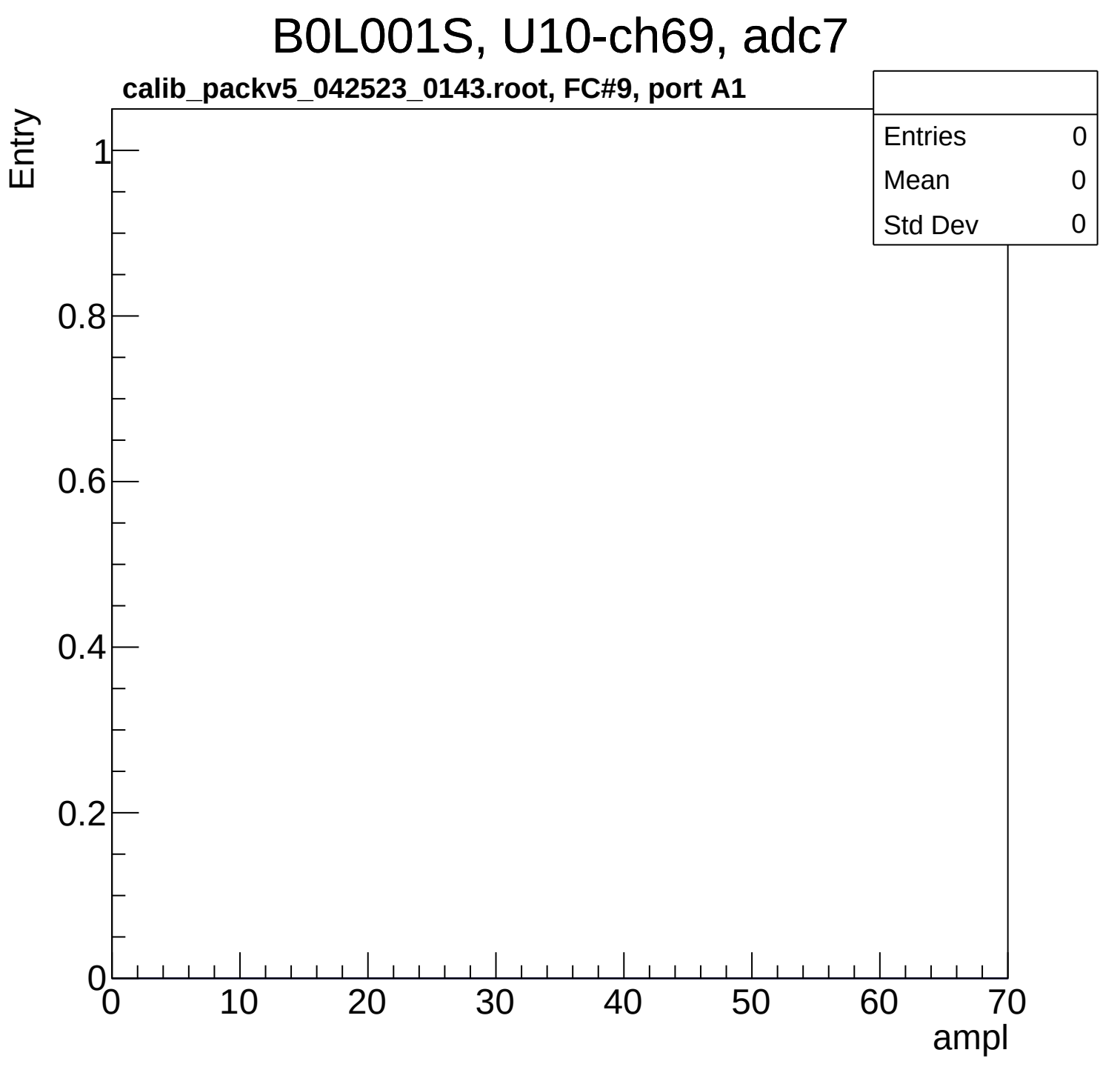
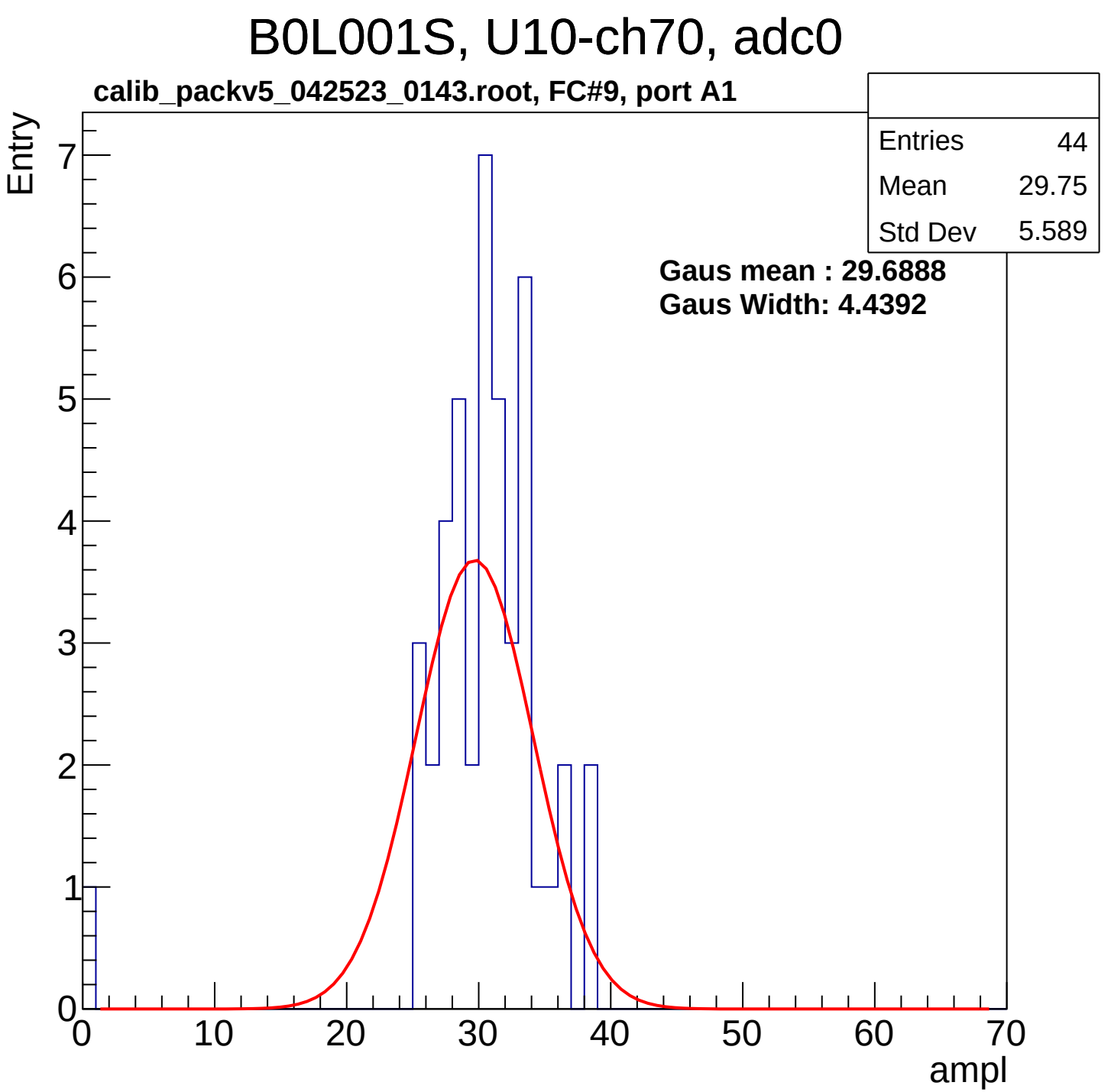
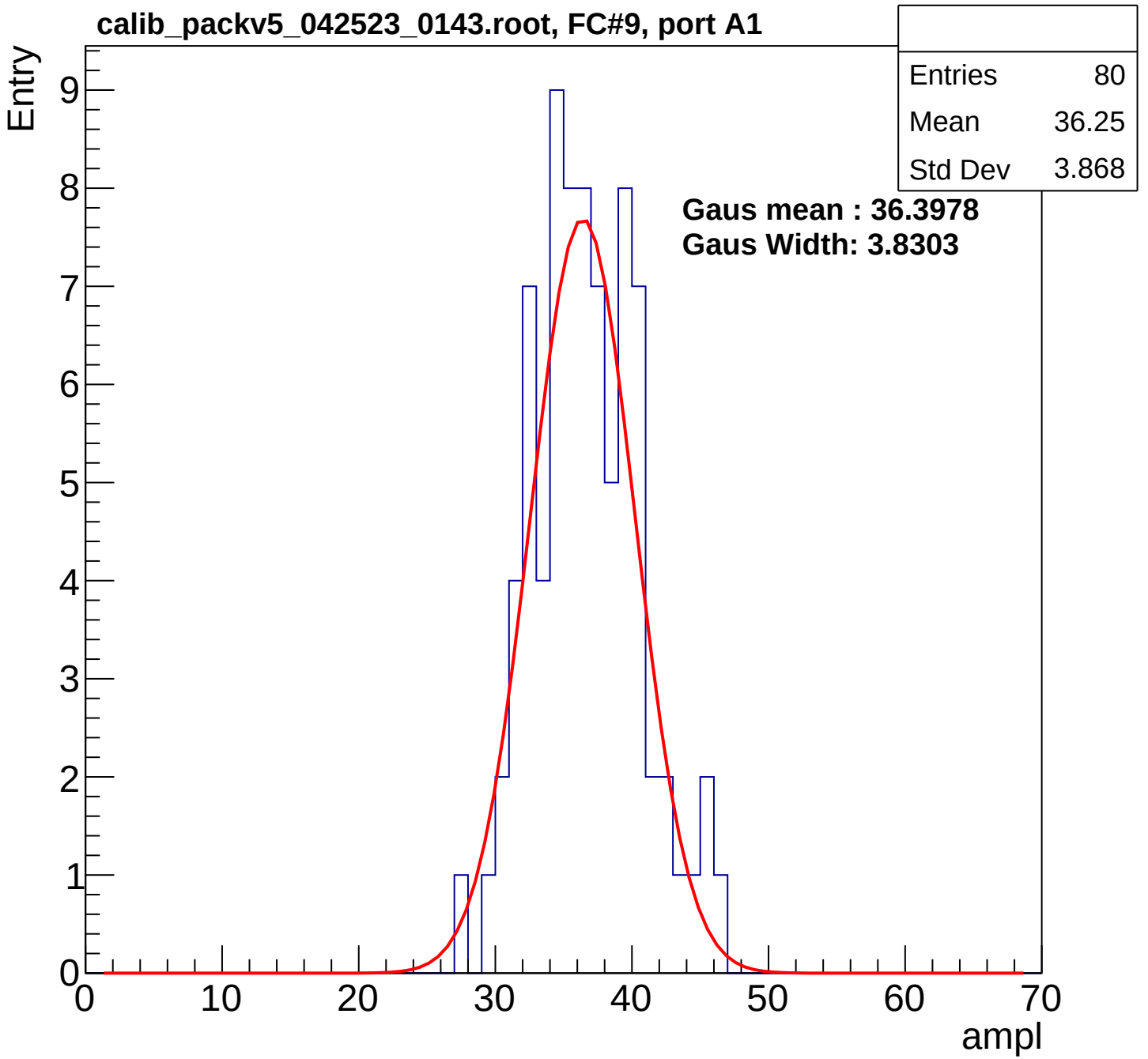
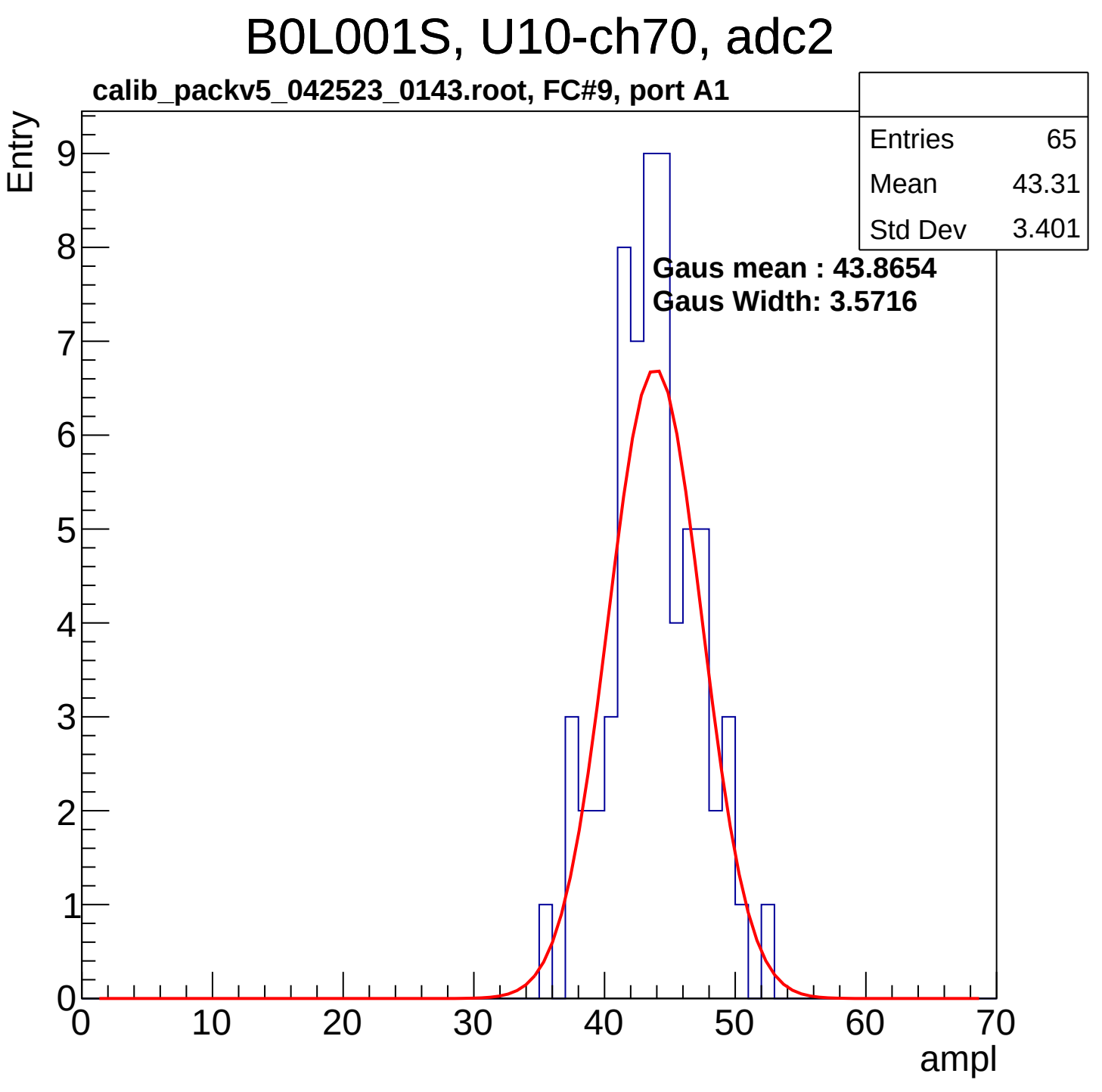

B0L001S, U10-ch69, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch70, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 29.75
Std Dev 5.589
Gaus mean : 29.6888
Gaus Width: 4.4392
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch70, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 36.25
Std Dev 3.868
Gaus mean : 36.3978
Gaus Width: 3.8303
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch70, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 43.31
Std Dev 3.401
Gaus mean : 43.8654
Gaus Width: 3.5716
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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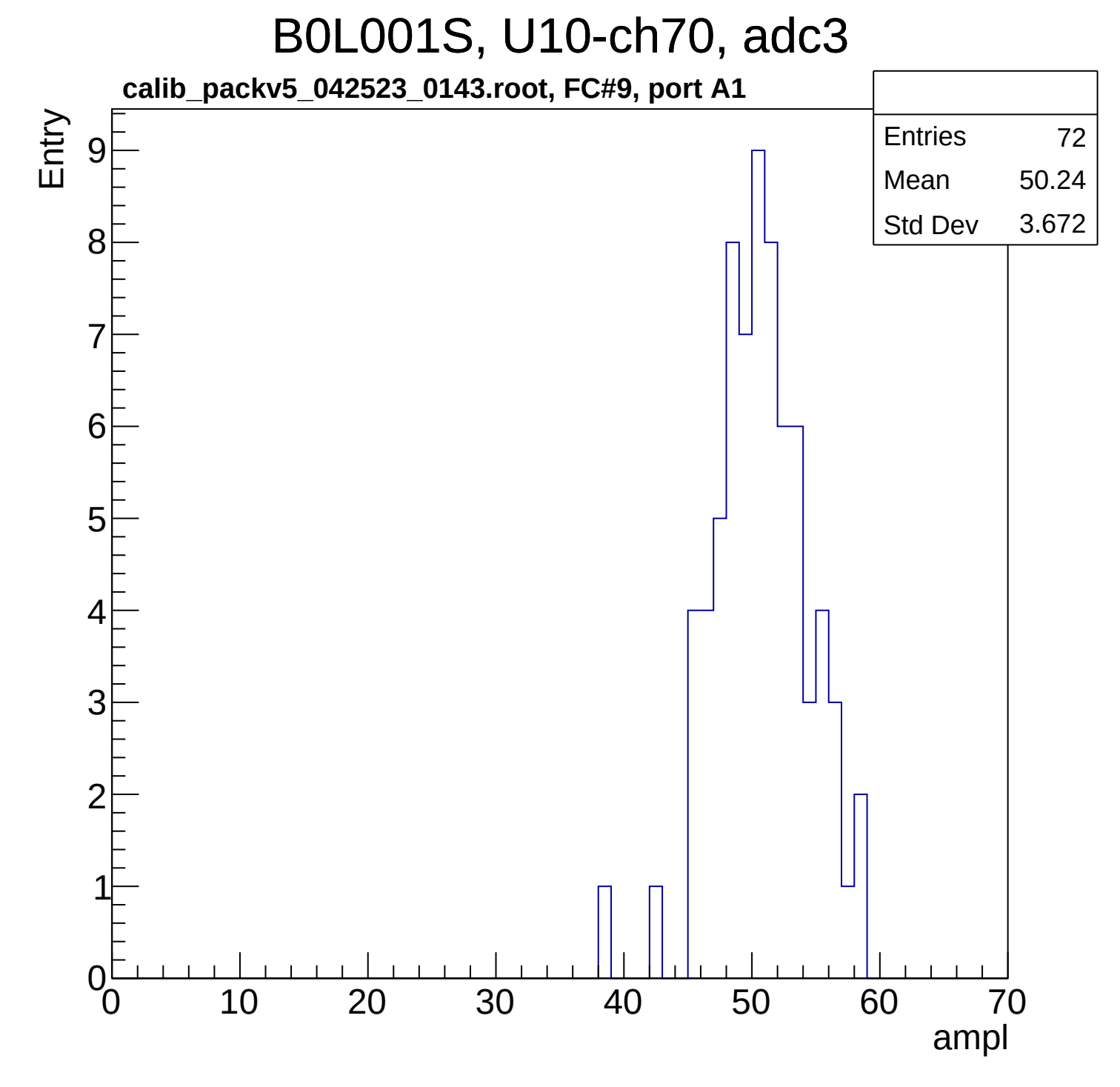
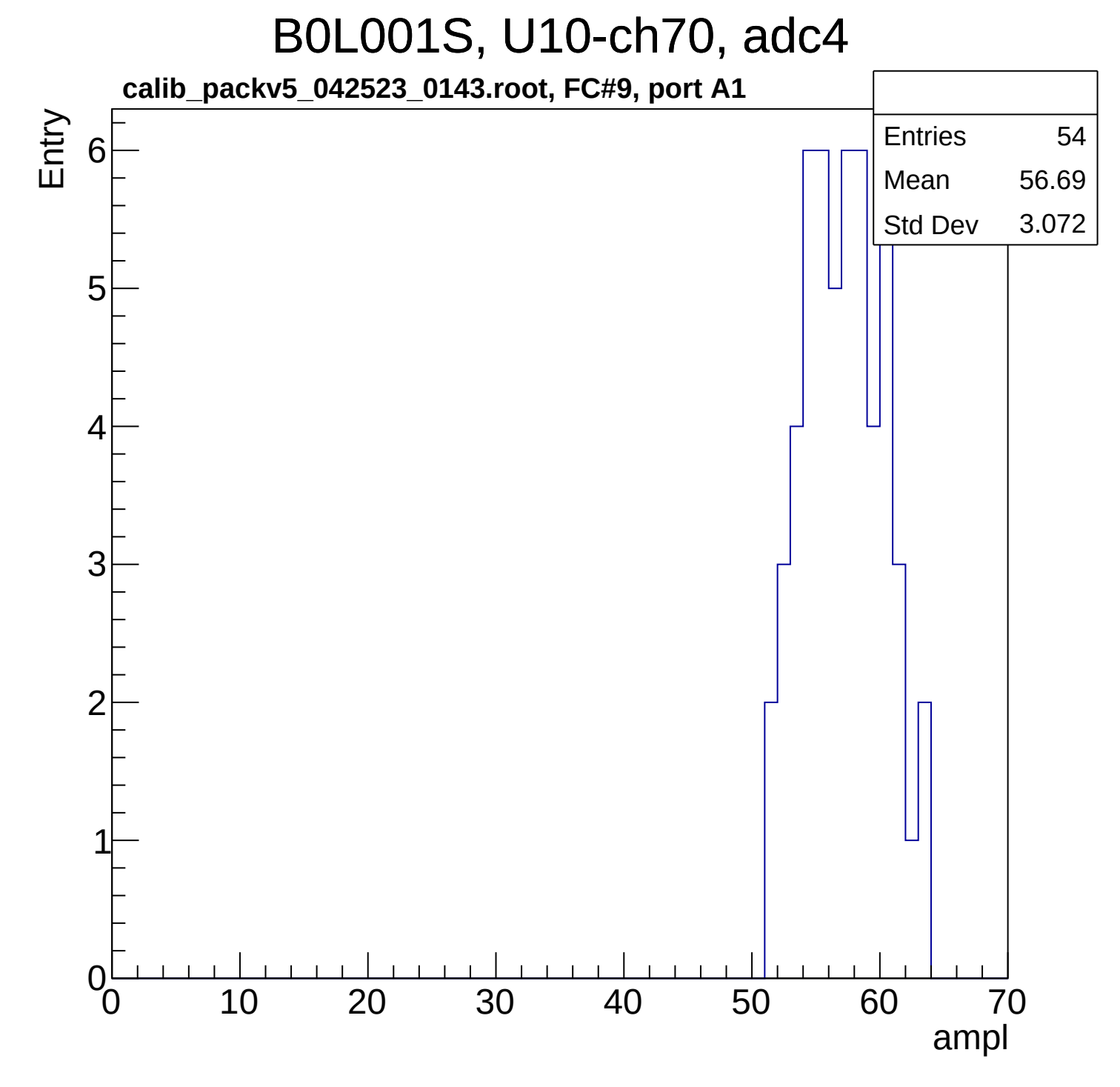
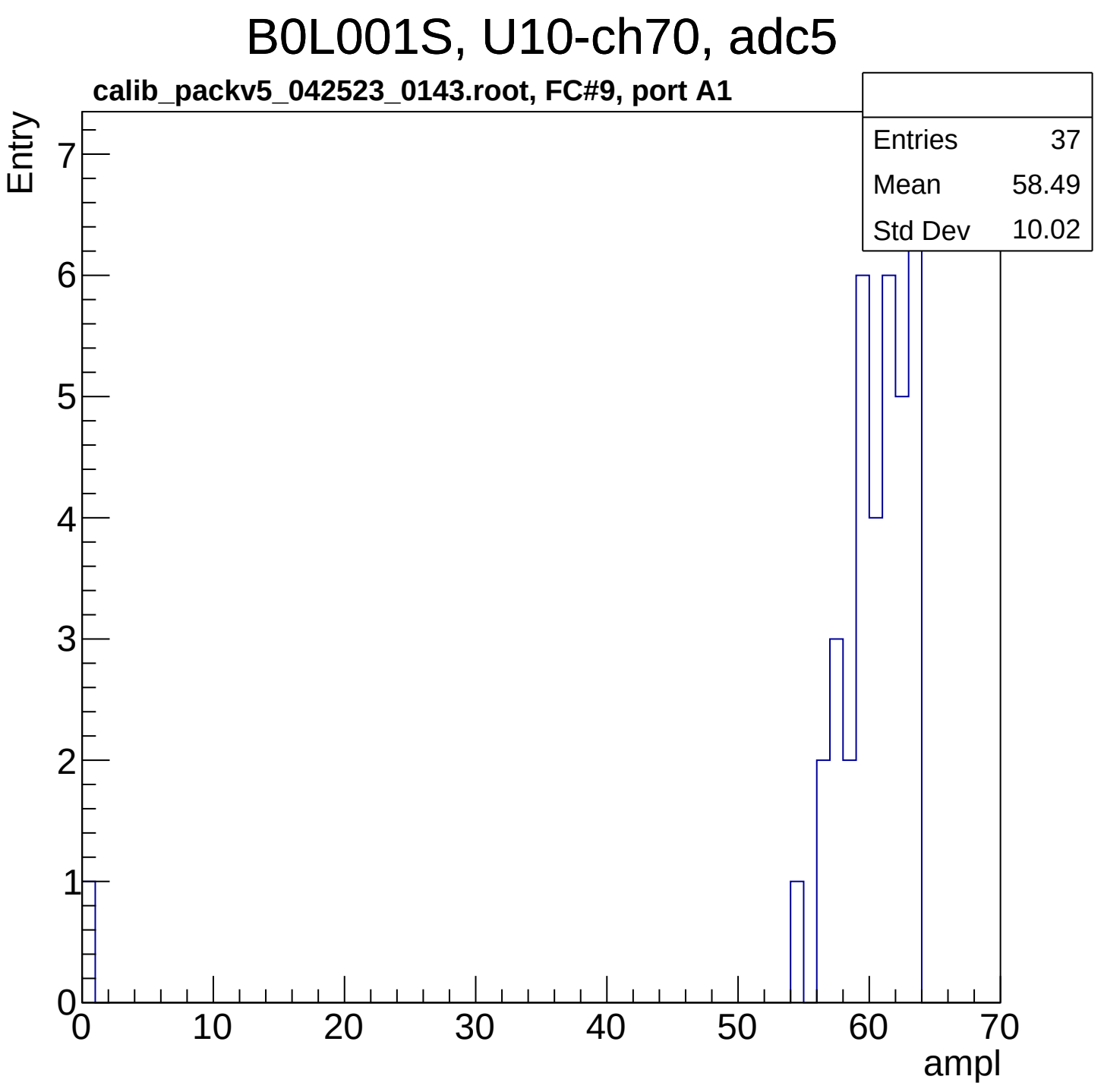
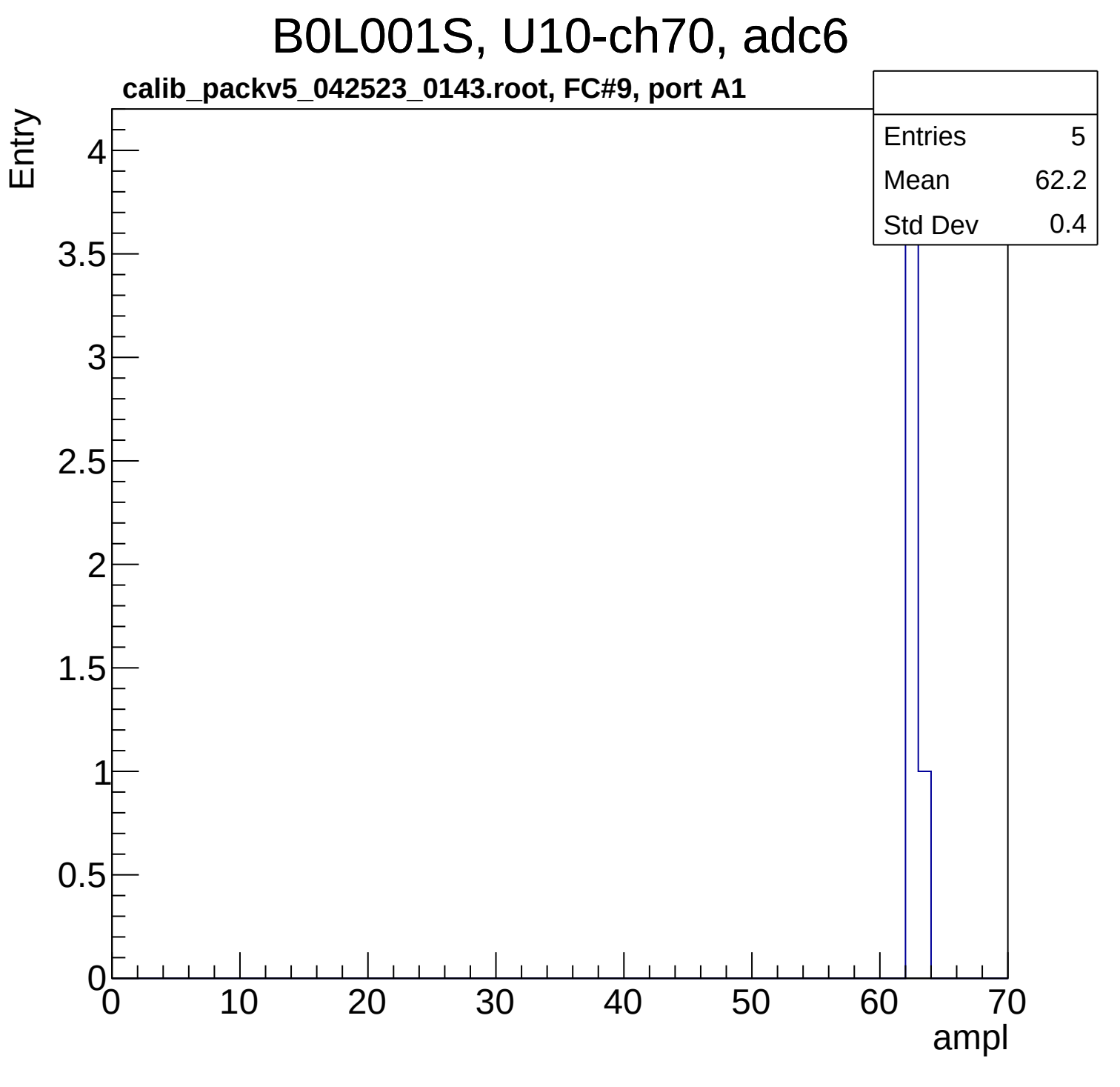
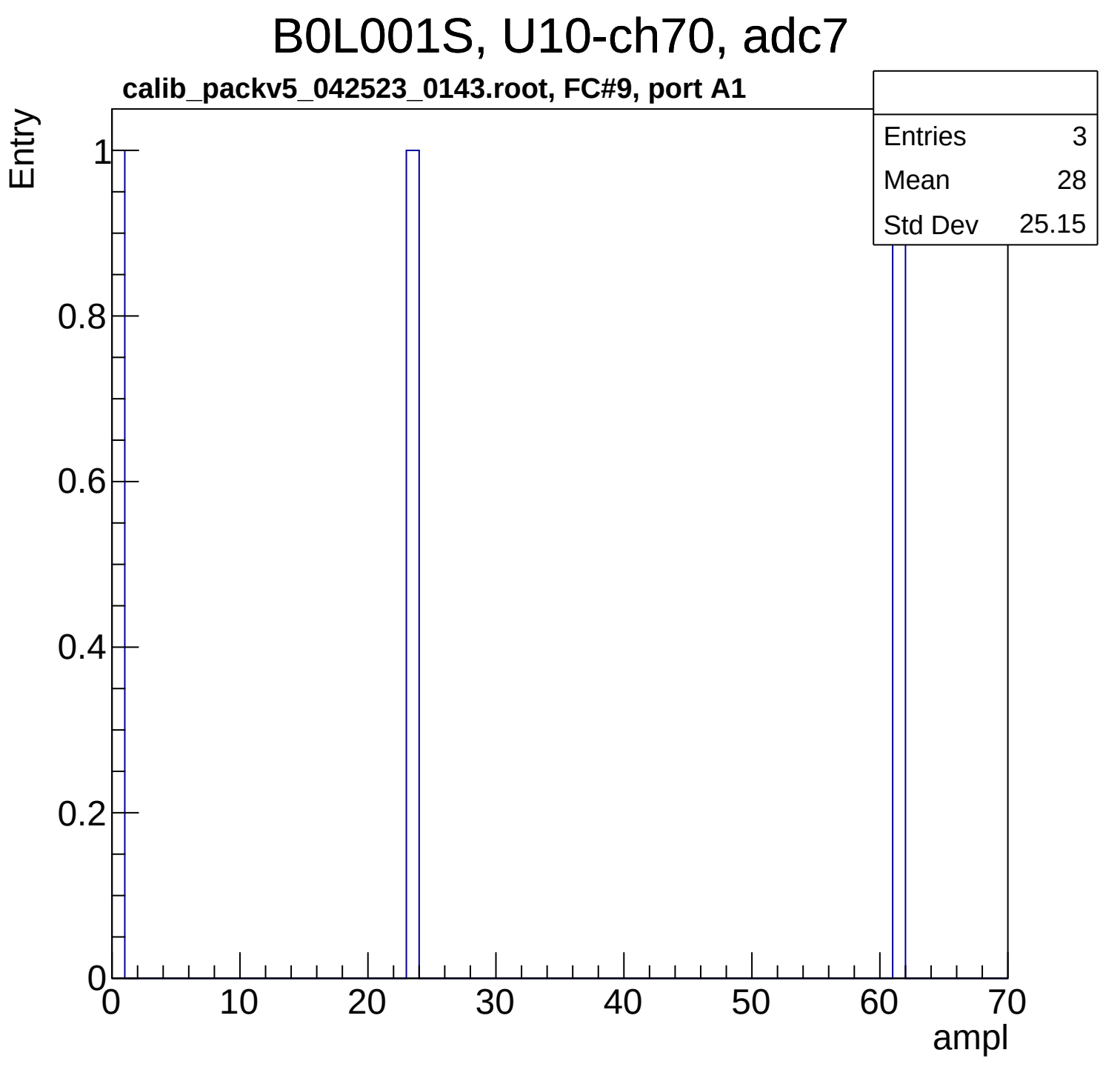
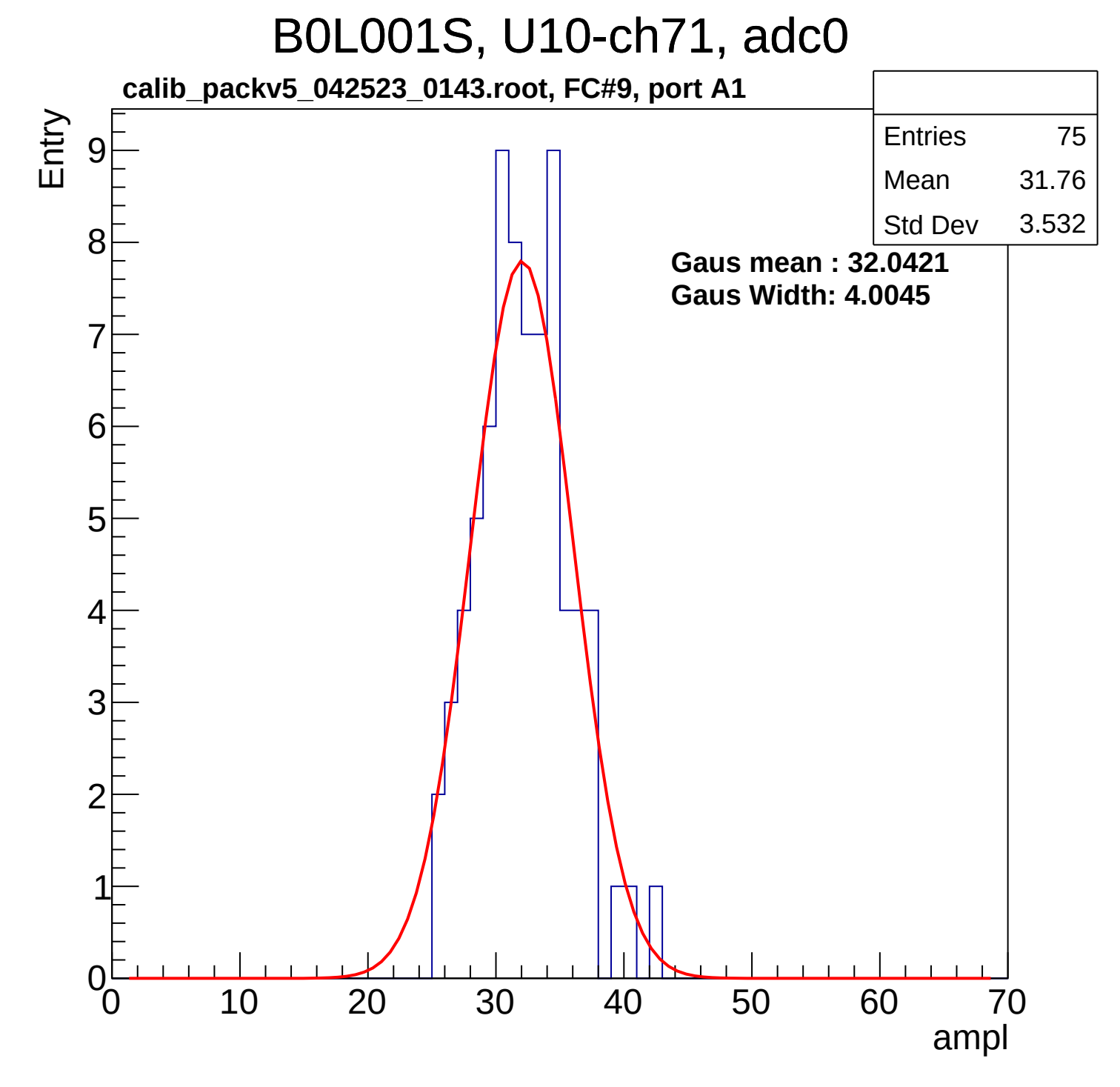

B0L001S, U10-ch70, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 50.24
Std Dev 3.672
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

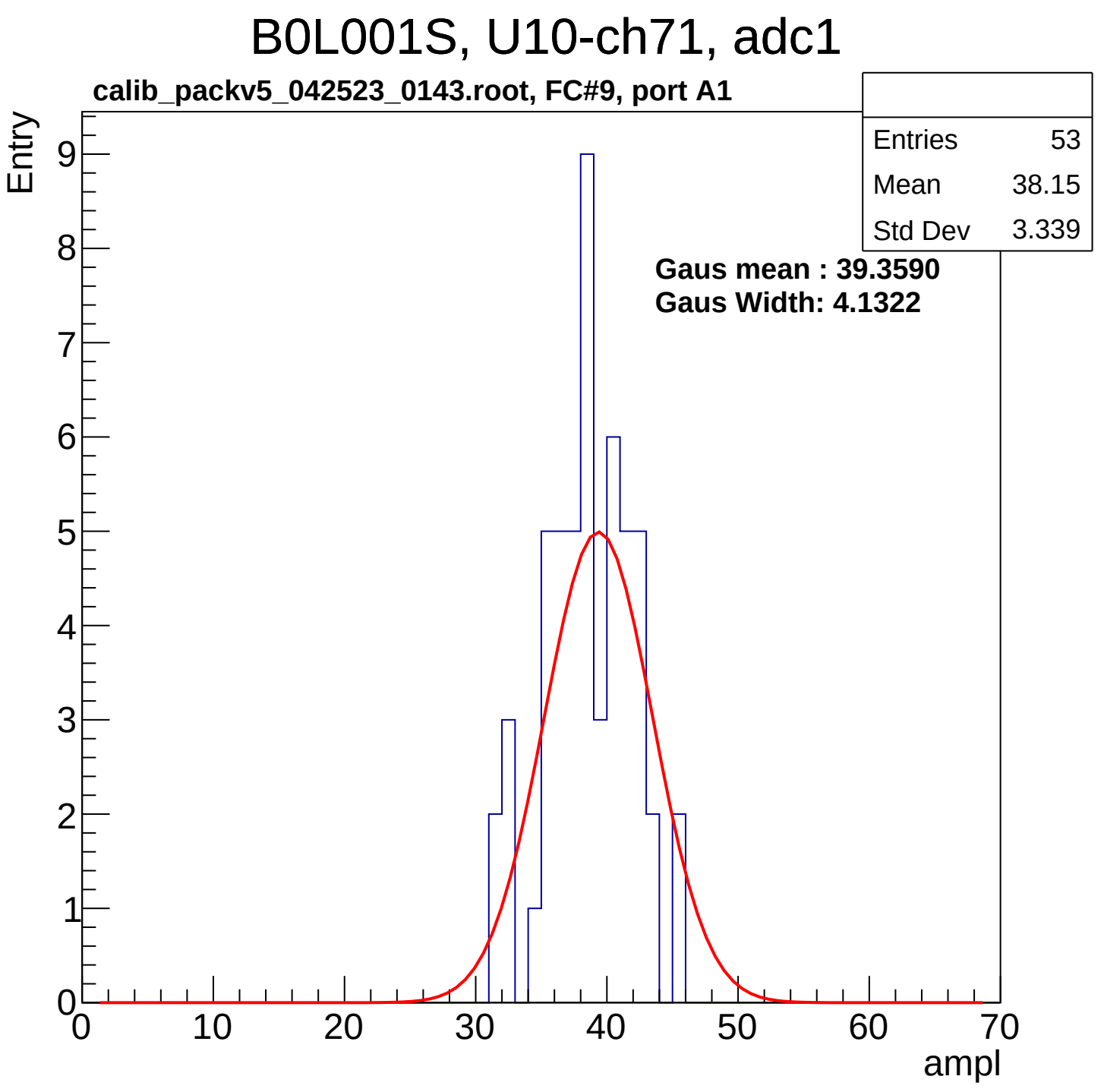

B0L001S, U10-ch70, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.69
Std Dev 3.072
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

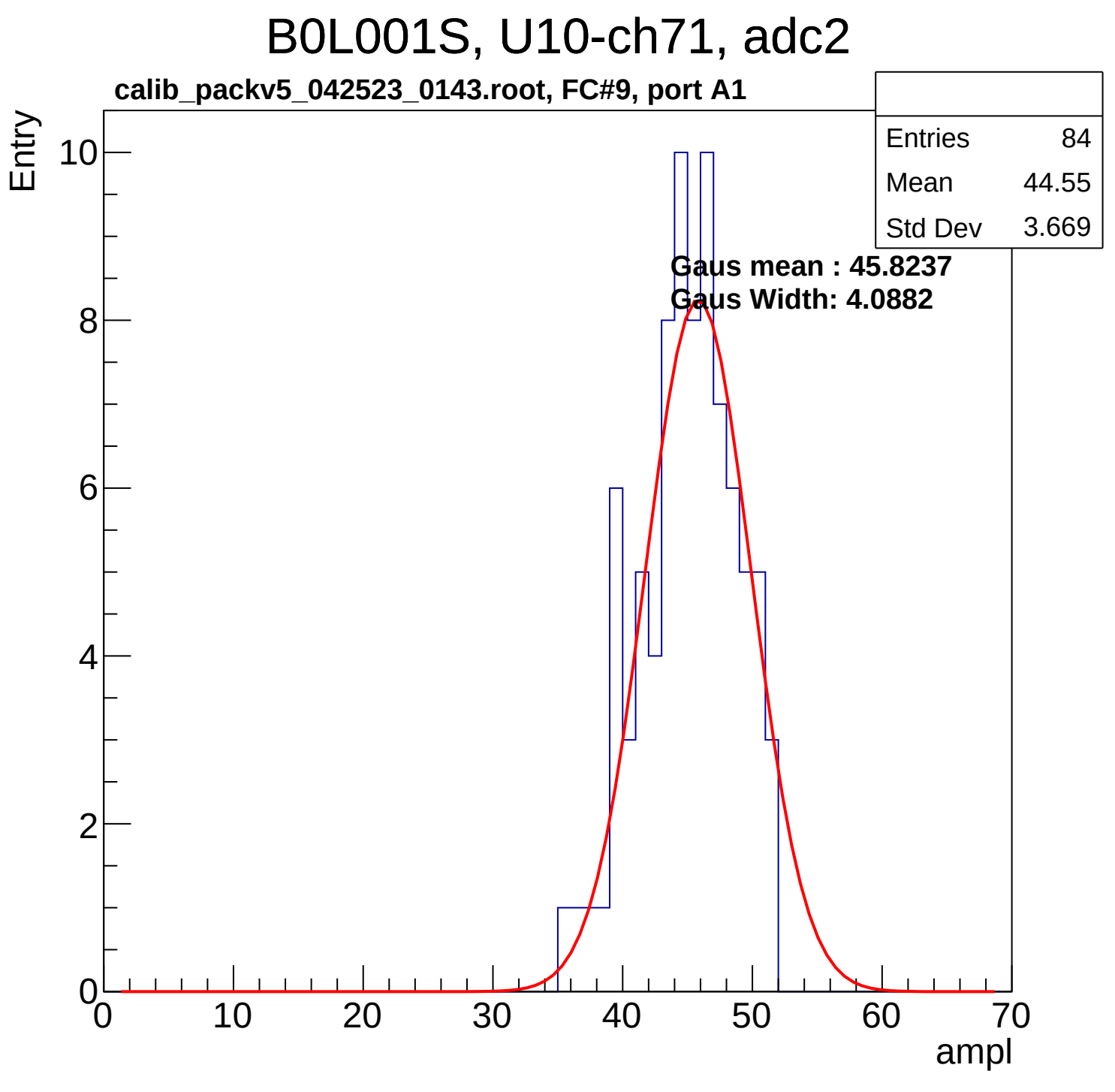

B0L001S, U10-ch70, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.49
Std Dev 10.02
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

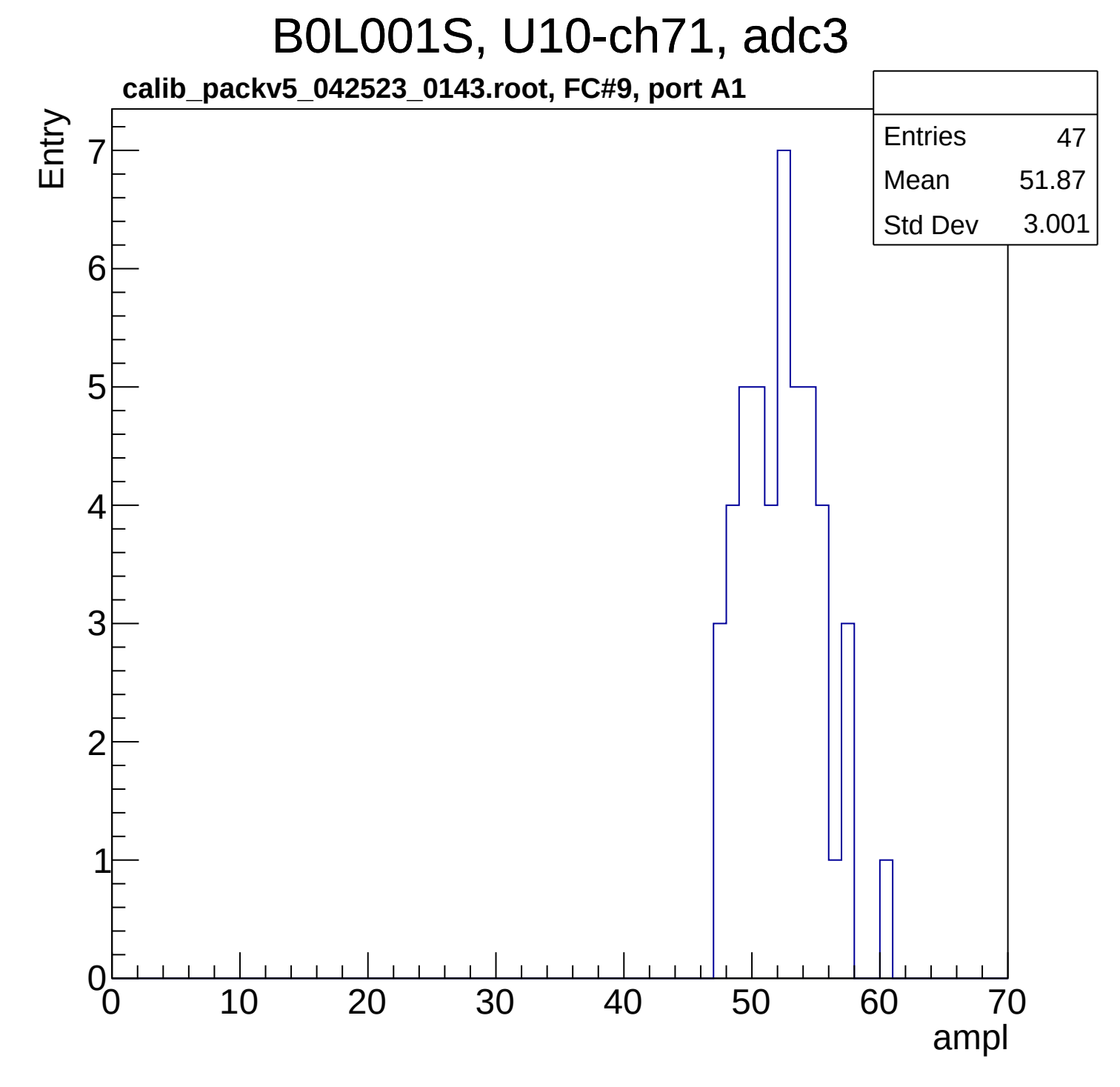

B0L001S, U10-ch70, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 62.2
Std Dev 0.4
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

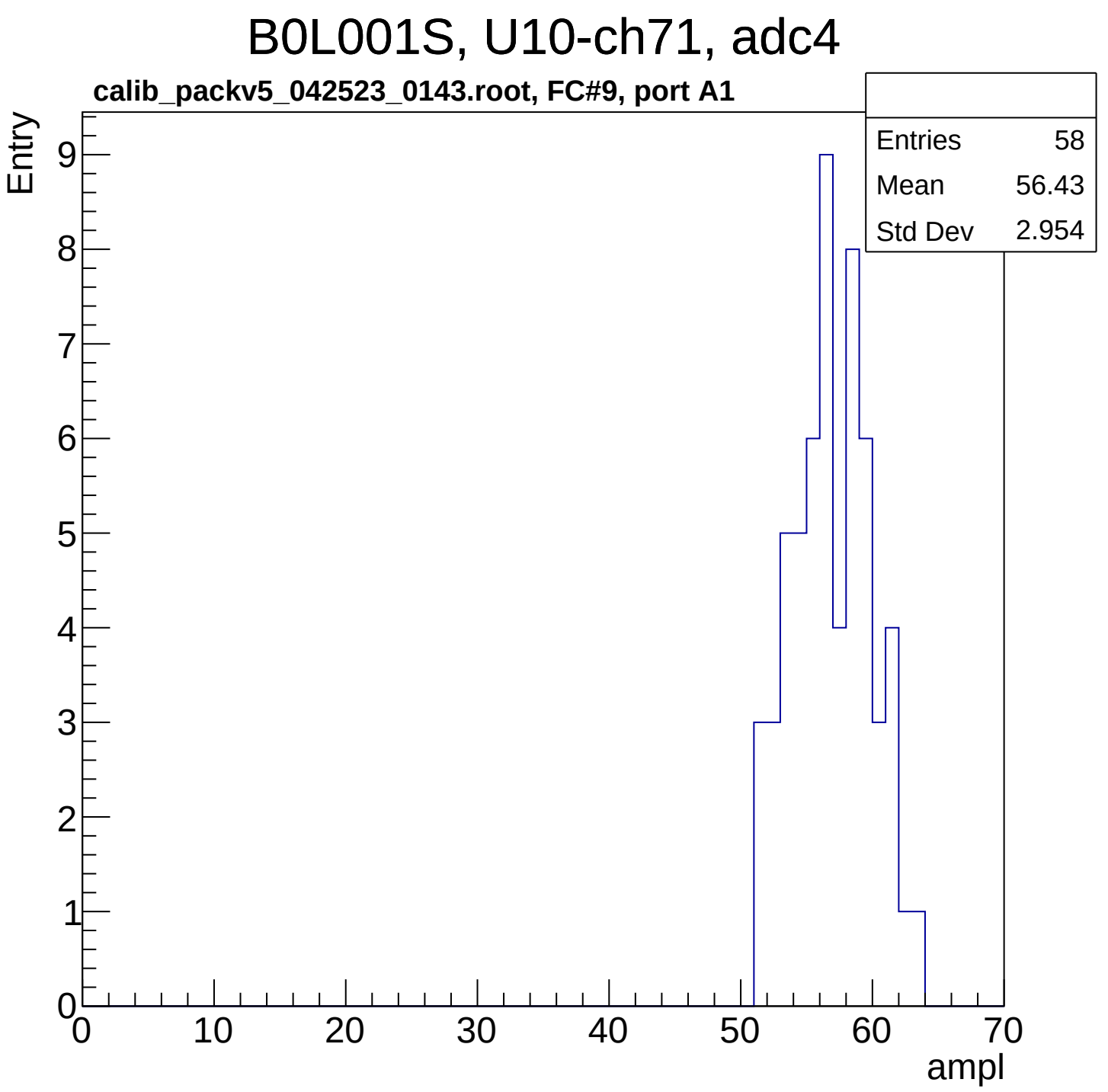

B0L001S, U10-ch70, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 28
Std Dev 25.15
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

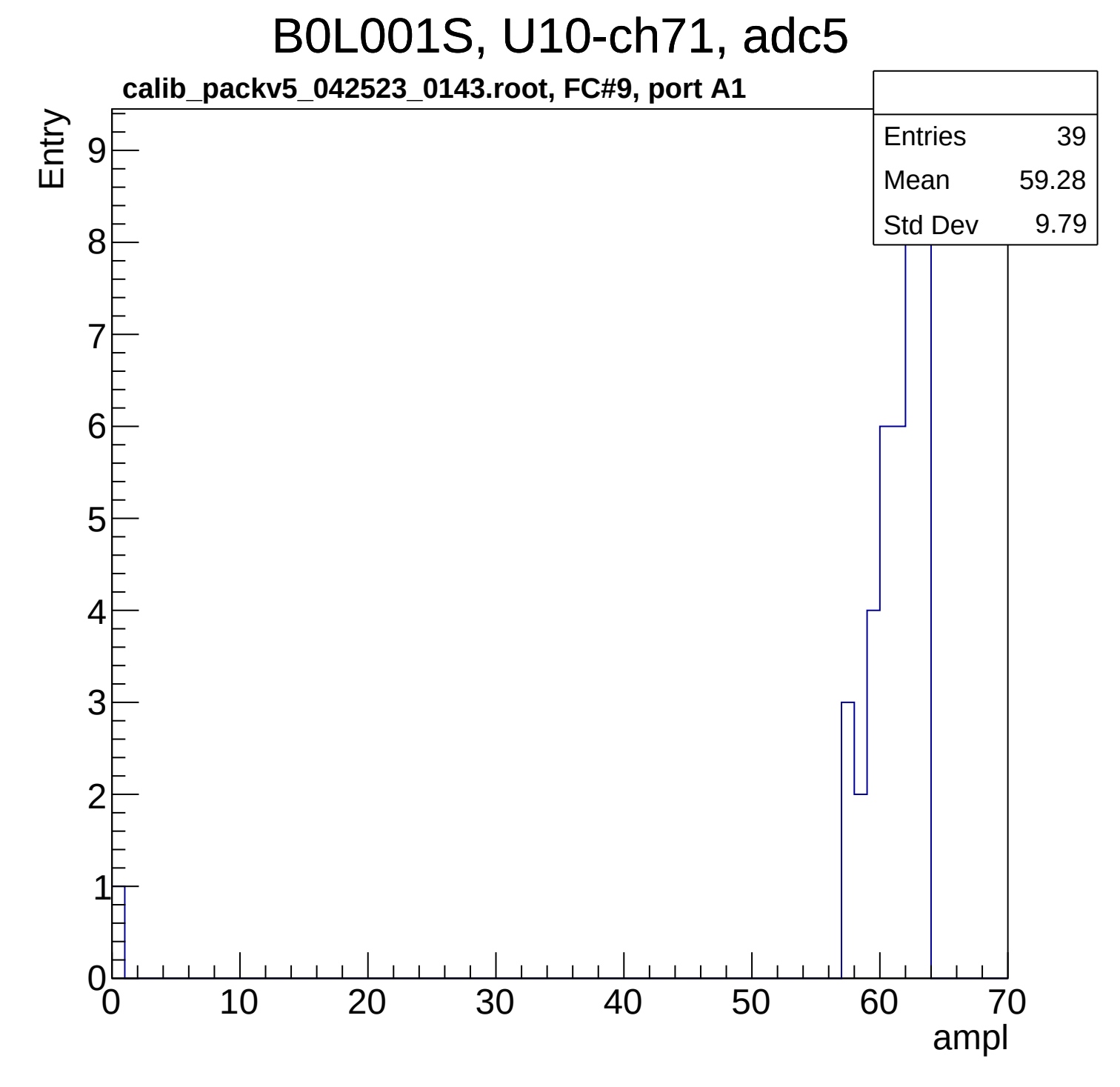

B0L001S, U10-ch71, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 31.76
Std Dev 3.532
Gaus mean : 32.0421
Gaus Width: 4.0045
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

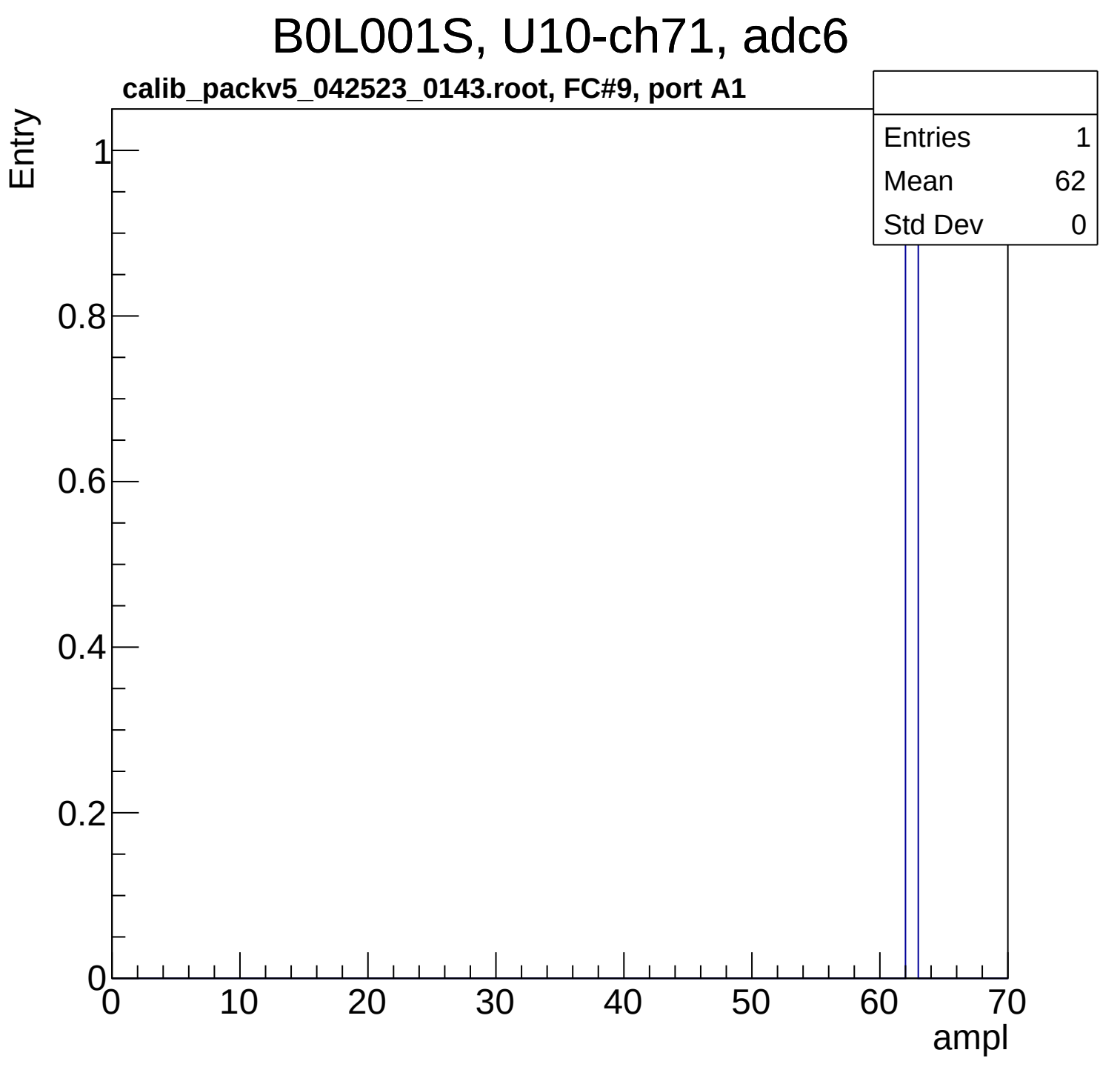

B0L001S, U10-ch71, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 38.15
Std Dev 3.339
Gaus mean : 39.3590
Gaus Width: 4.1322
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

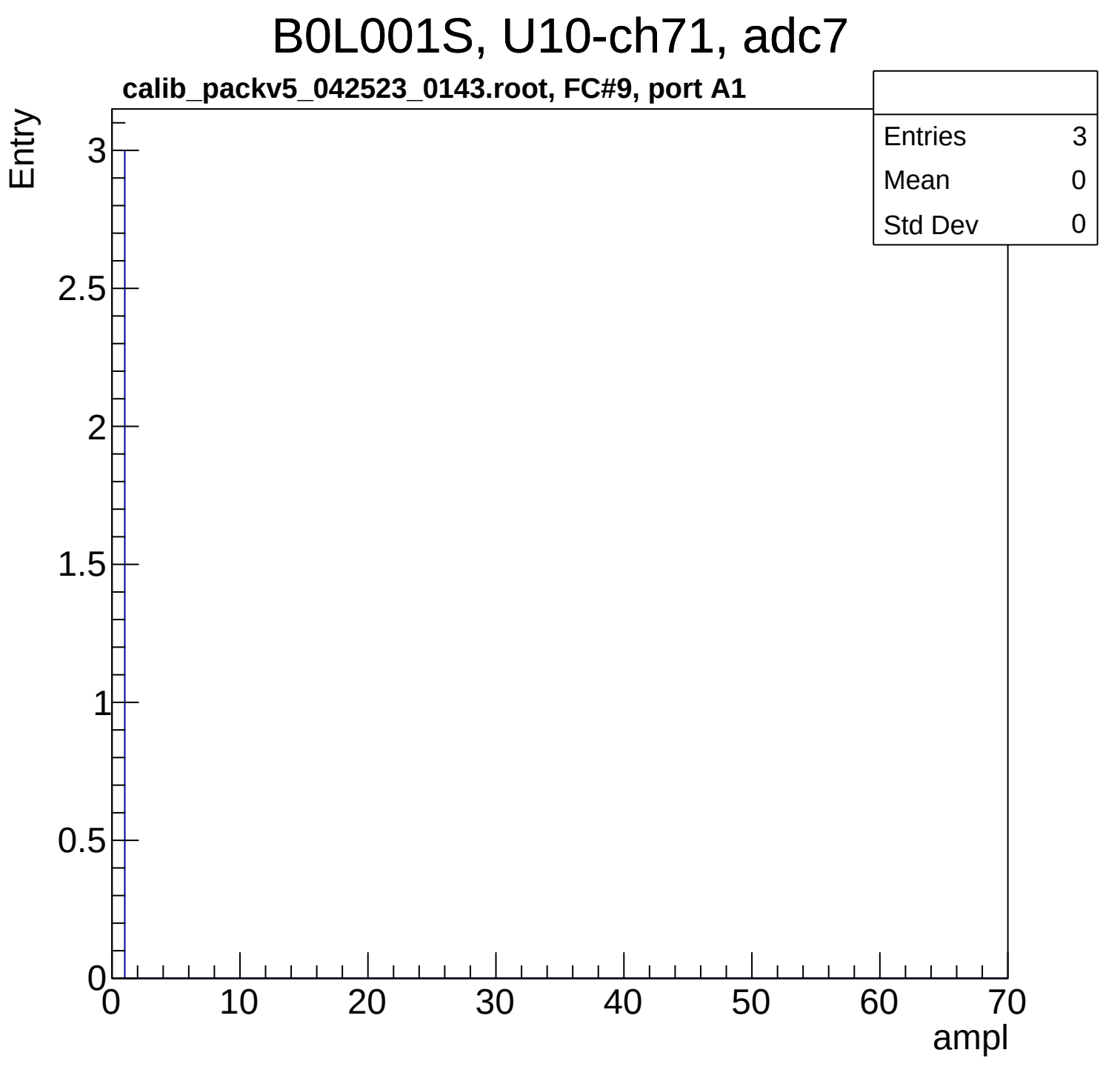

B0L001S, U10-ch71, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 44.55
Std Dev 3.669
Gaus mean : 45.8237
Gaus Width: 4.0882
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

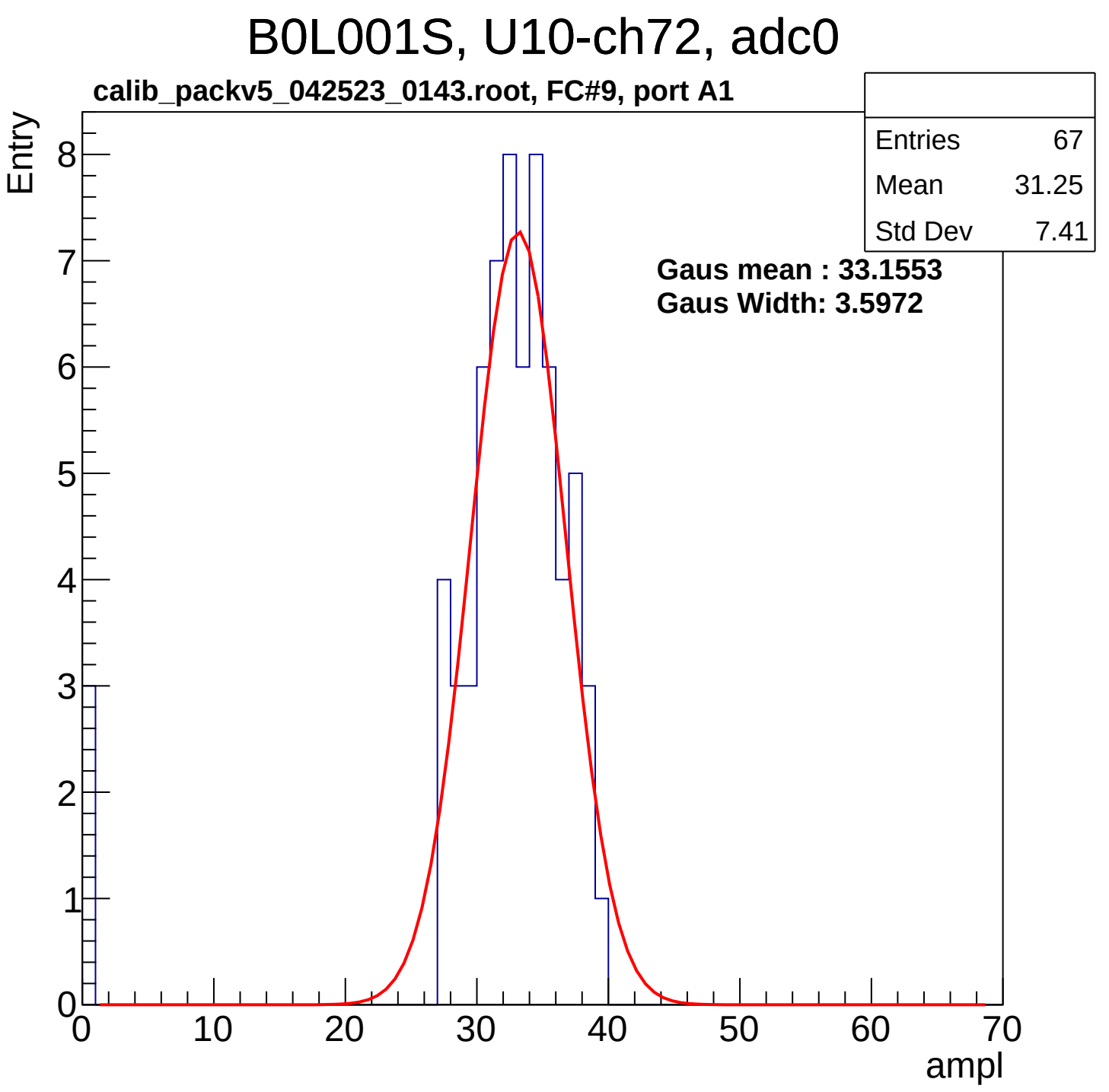

B0L001S, U10-ch71, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 51.87
Std Dev 3.001
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

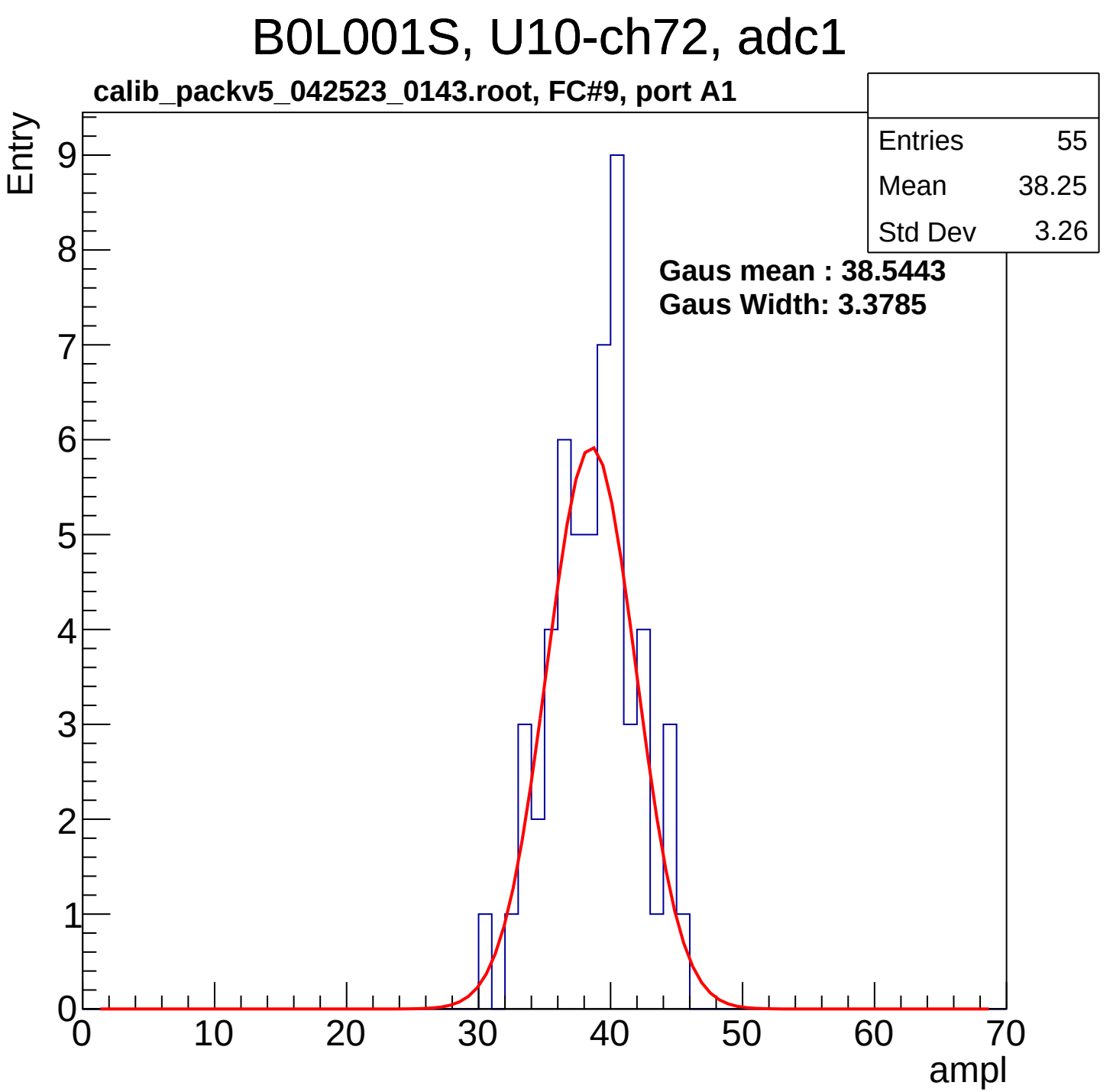

B0L001S, U10-ch71, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 56.43
Std Dev 2.954
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

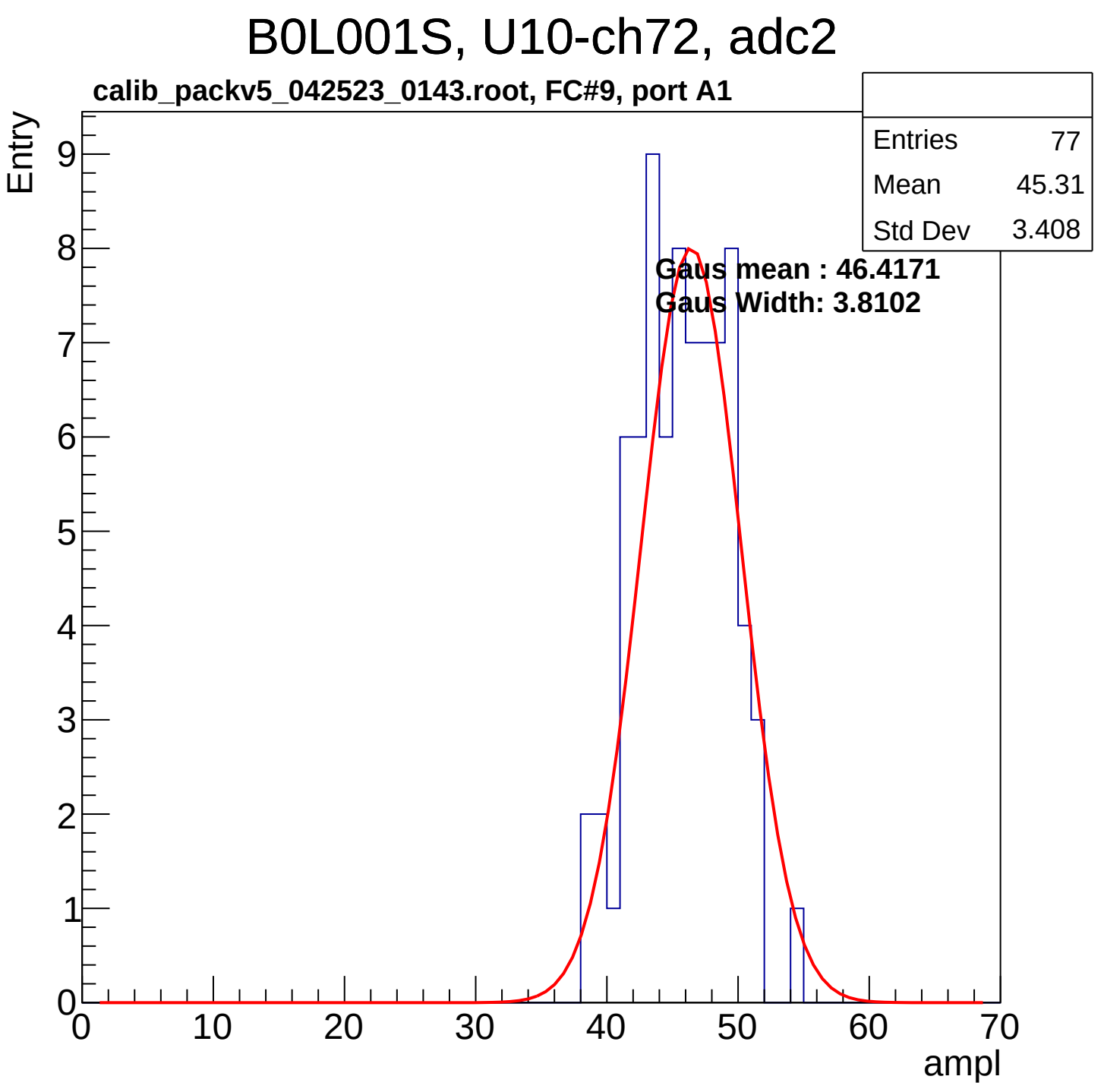

B0L001S, U10-ch71, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 59.28
Std Dev 9.79
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

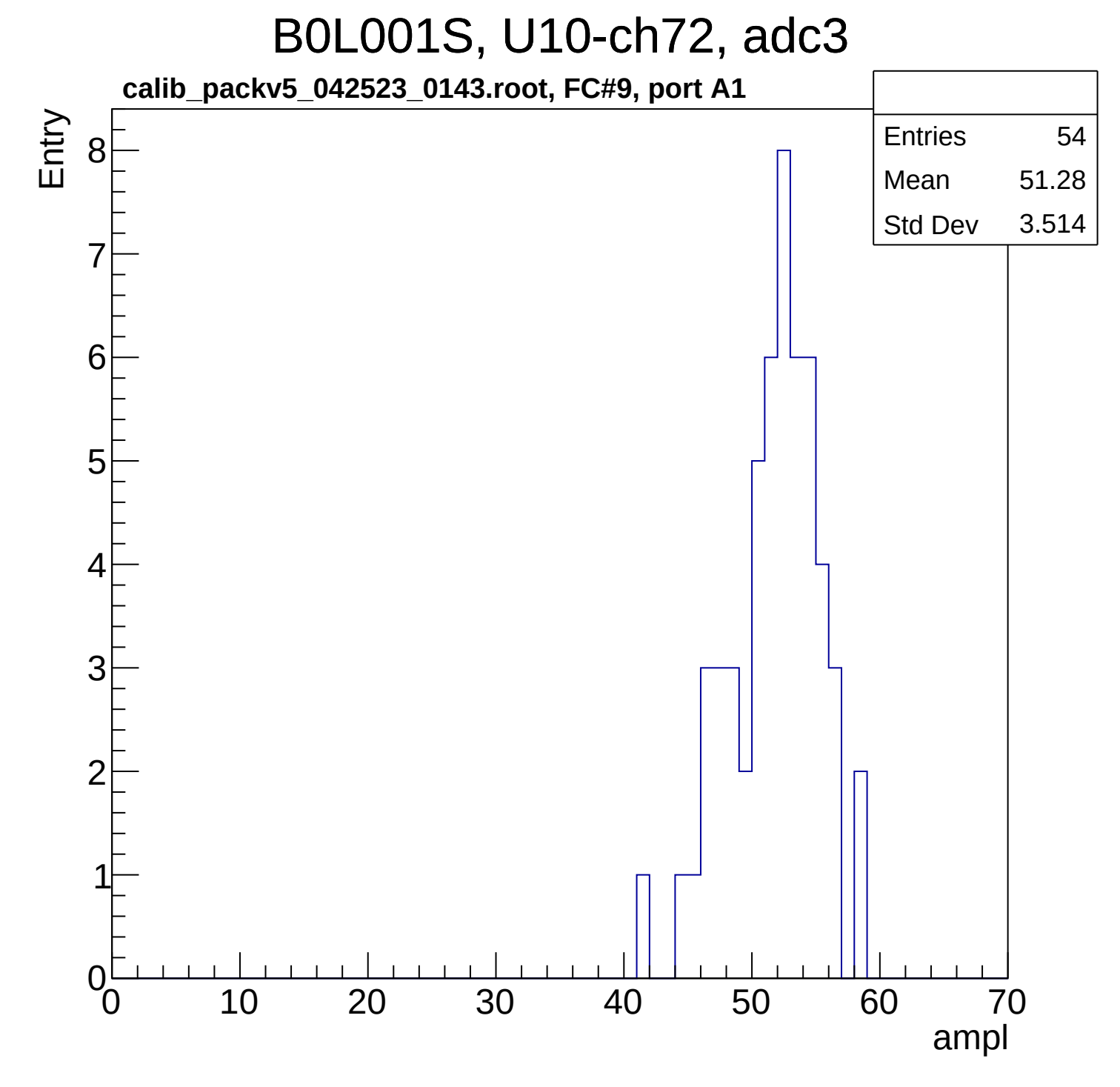

B0L001S, U10-ch71, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

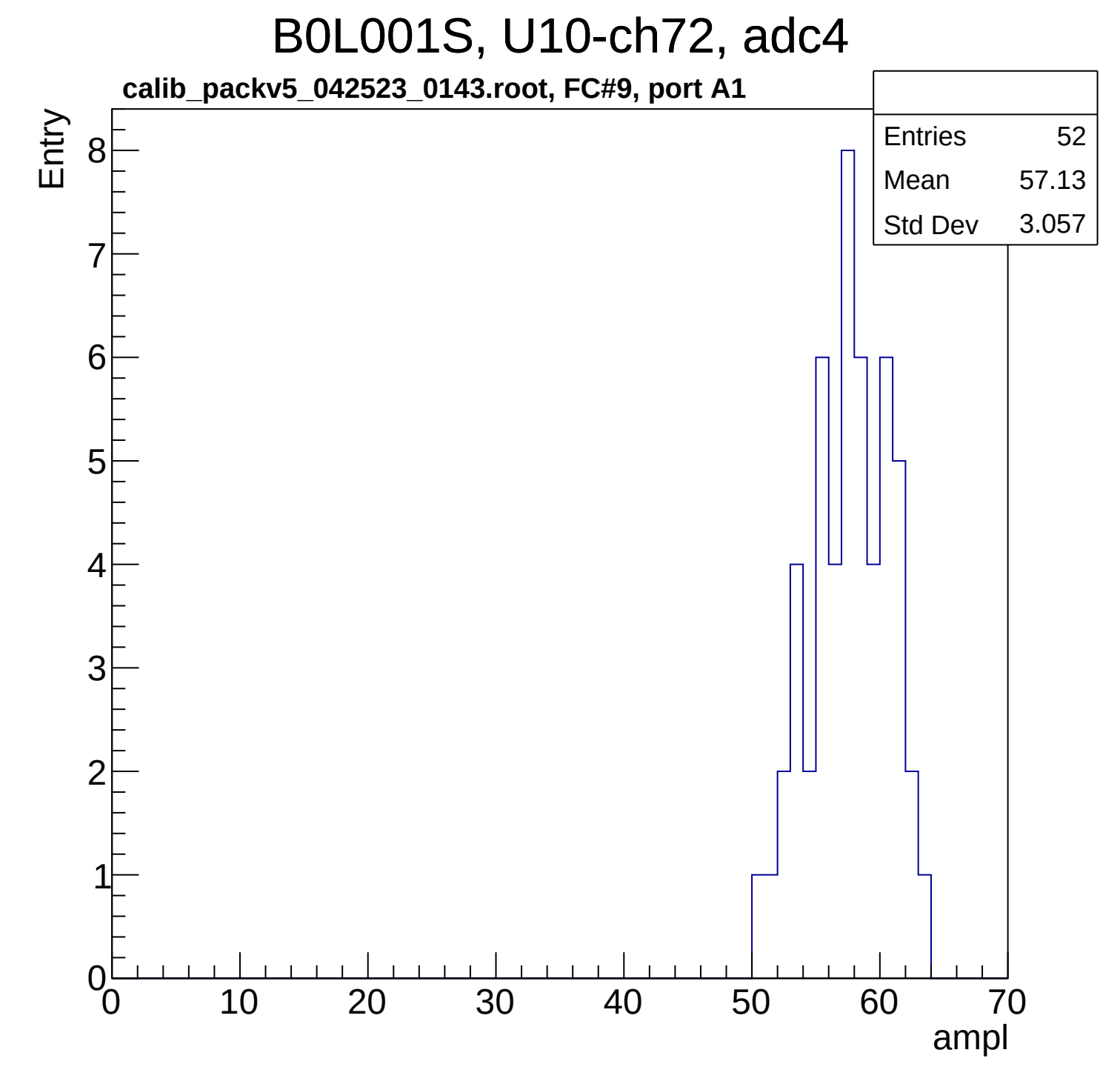

B0L001S, U10-ch71, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch72, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 31.25
Std Dev 7.41
Gaus mean : 33.1553
Gaus Width: 3.5972
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch72, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 38.25
Std Dev 3.26
Gaus mean : 38.5443
Gaus Width: 3.3785
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch72, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 45.31
Std Dev 3.408
Gaus mean : 46.4171
Gaus Width: 3.8102
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch72, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 51.28
Std Dev 3.514
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch72, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 57.13
Std Dev 3.057
Entry
ampl
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1
2
3
4
5
6
7
8
0
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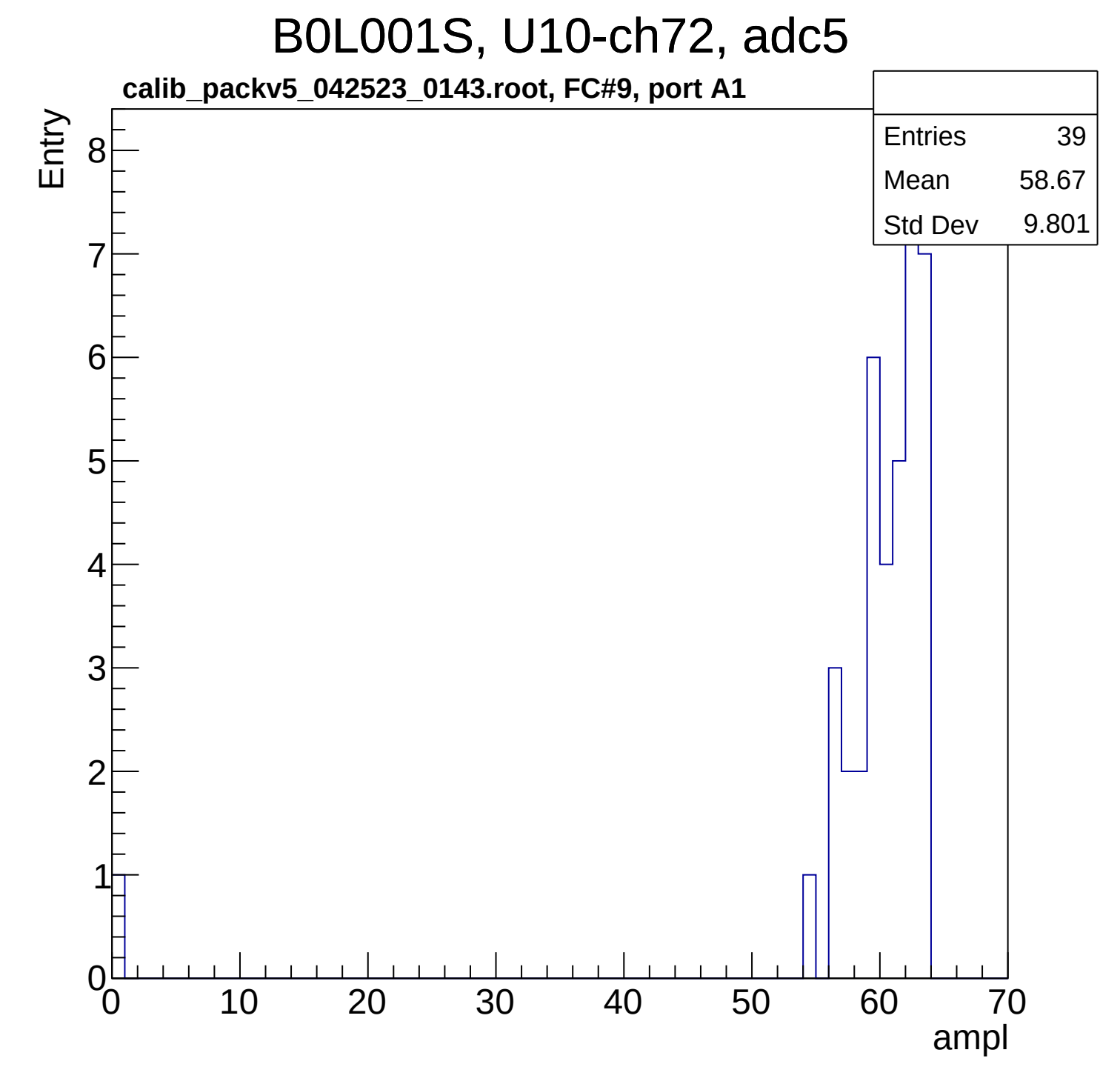
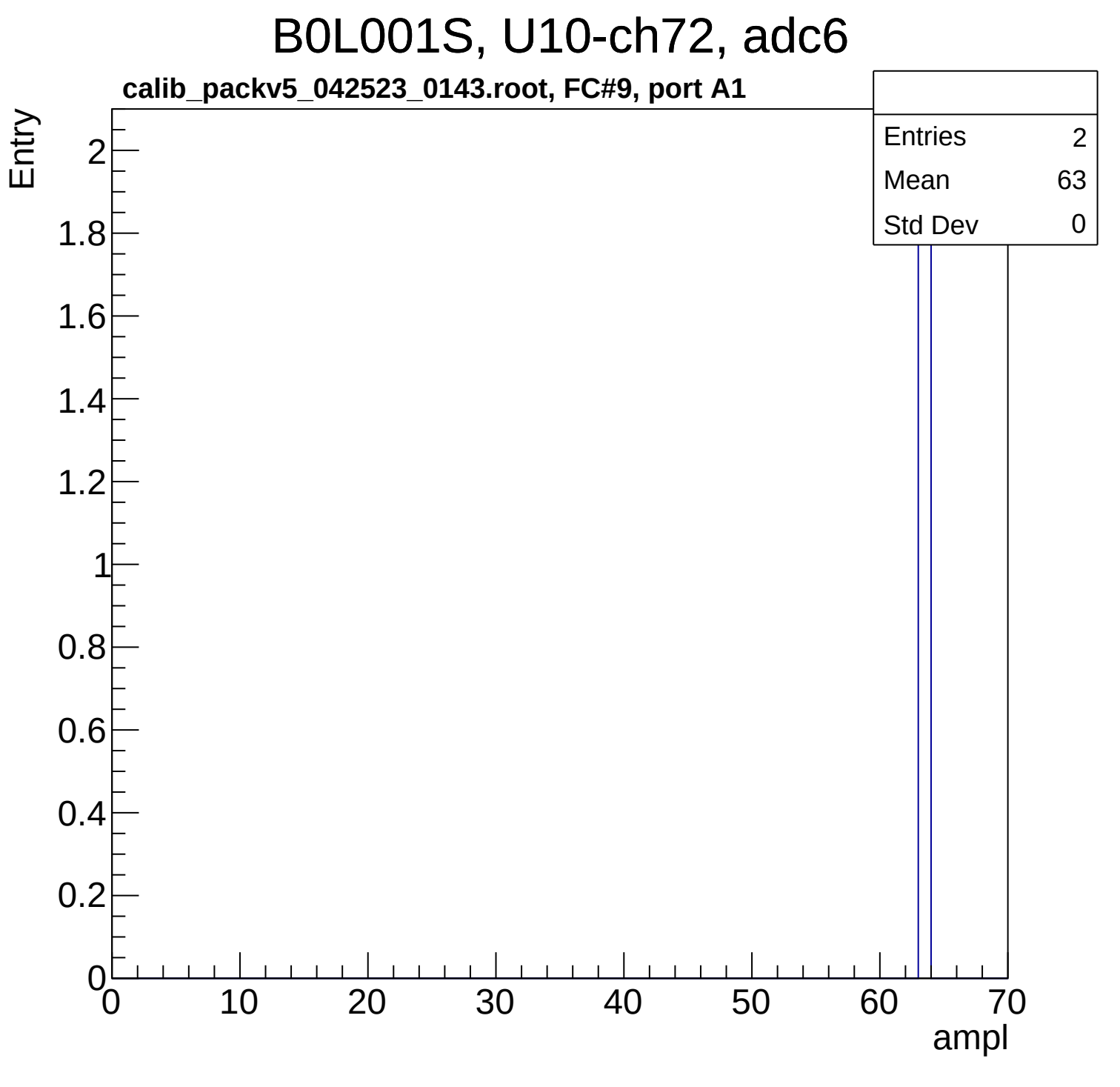
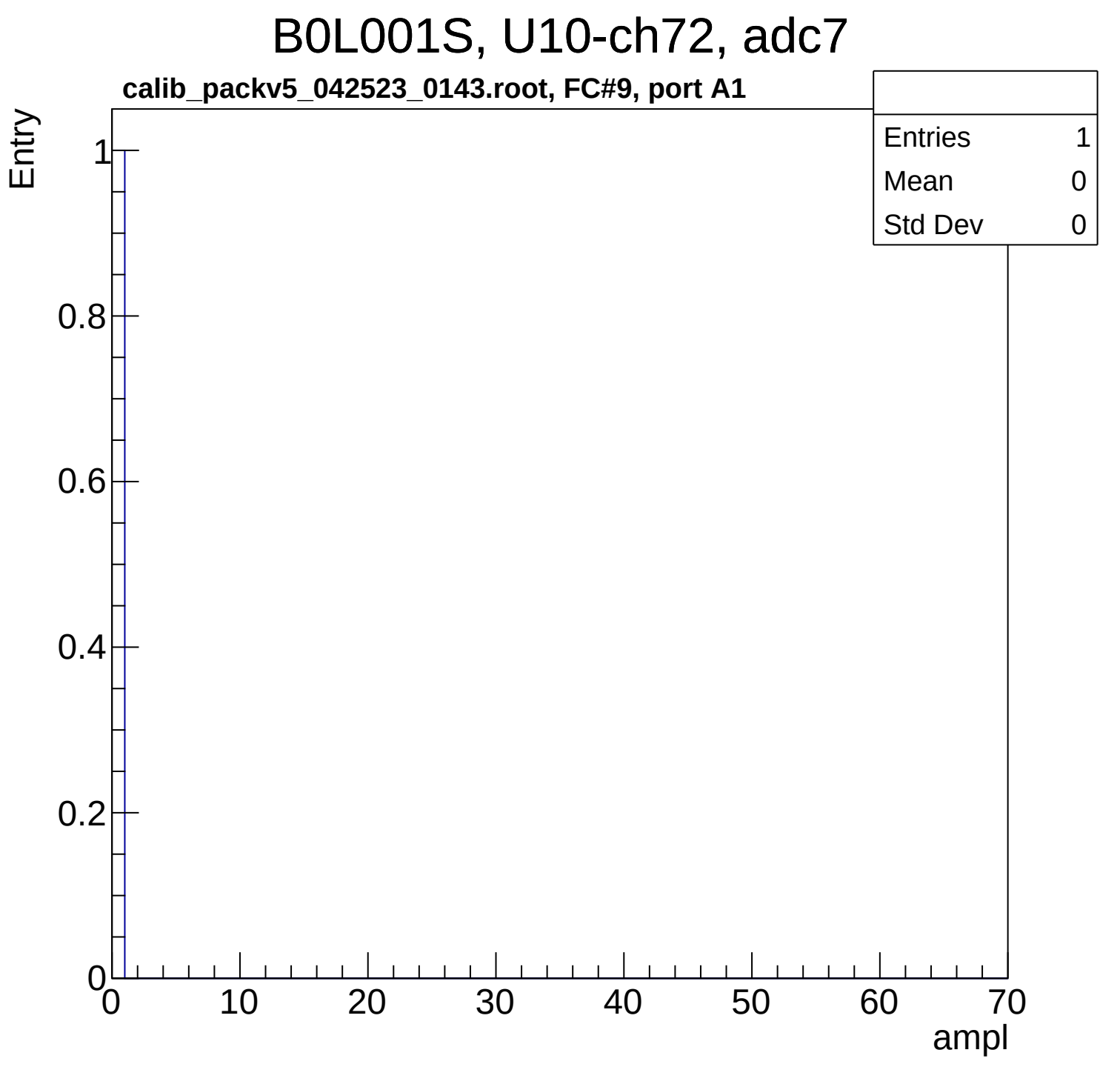
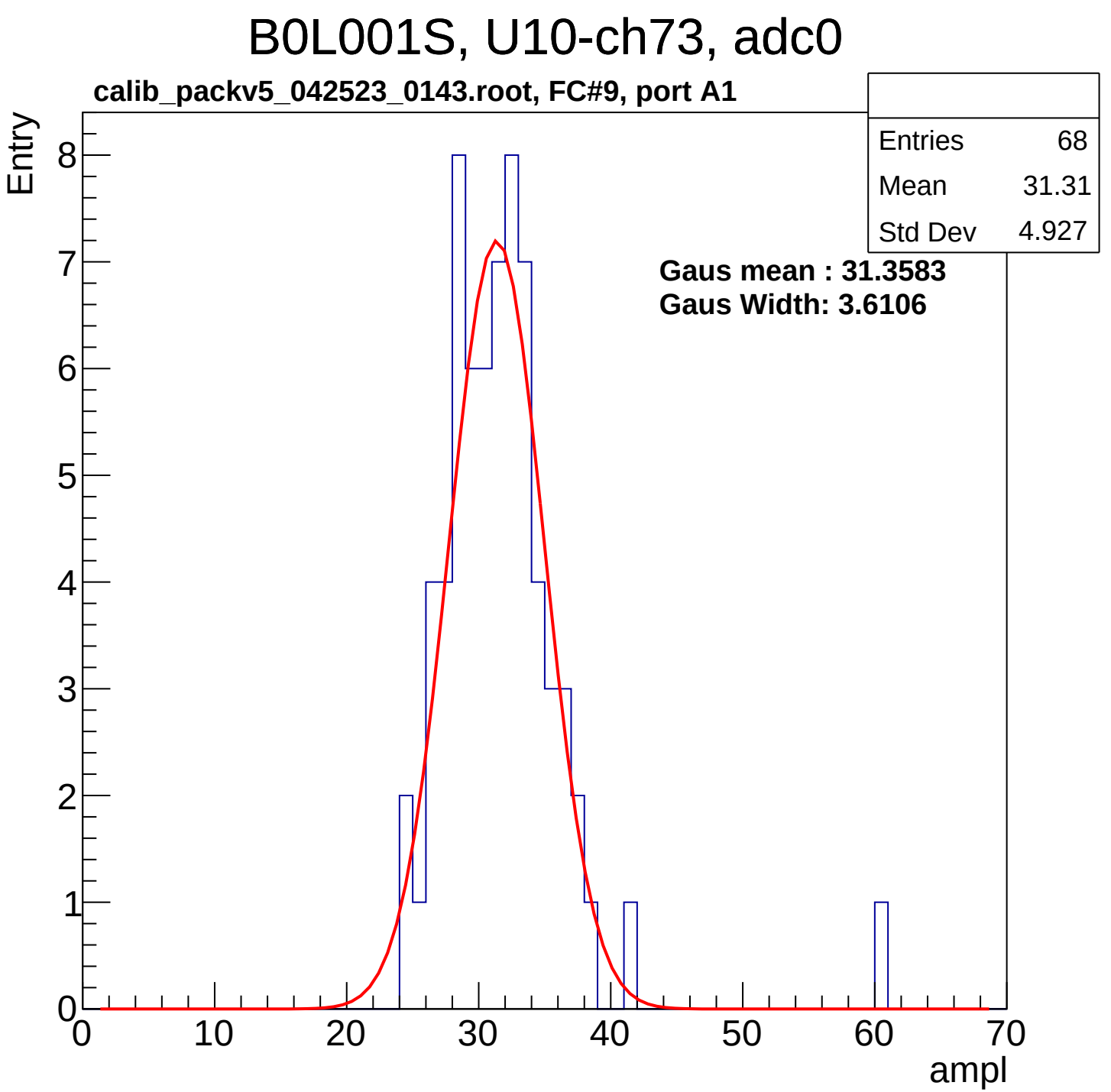
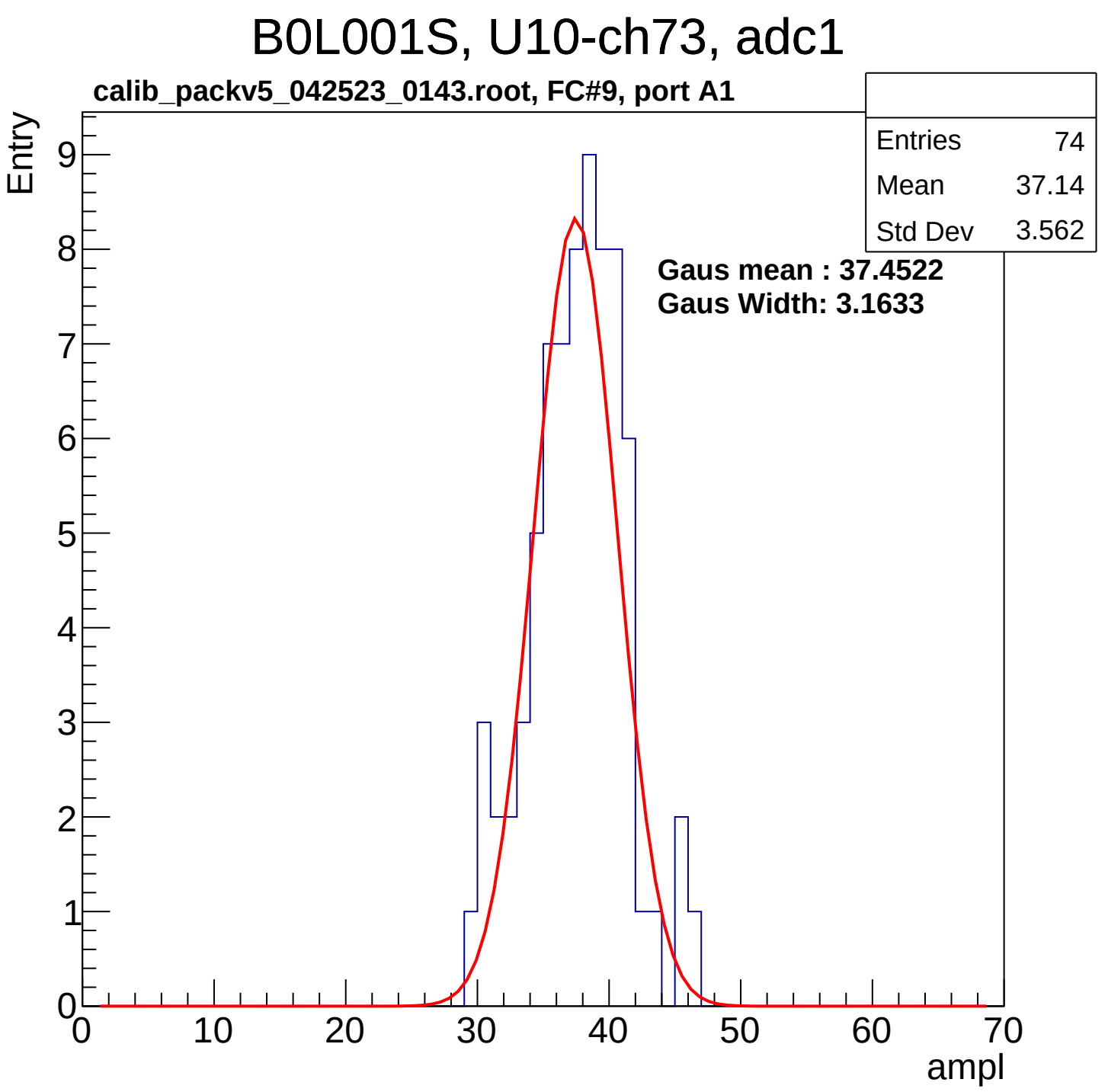
20
30
40
50
60
70


B0L001S, U10-ch72, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 58.67
Std Dev 9.801
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch72, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch72, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch73, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 31.31
Std Dev 4.927
Gaus mean : 31.3583
Gaus Width: 3.6106
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch73, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 37.14
Std Dev 3.562
Gaus mean : 37.4522
Gaus Width: 3.1633
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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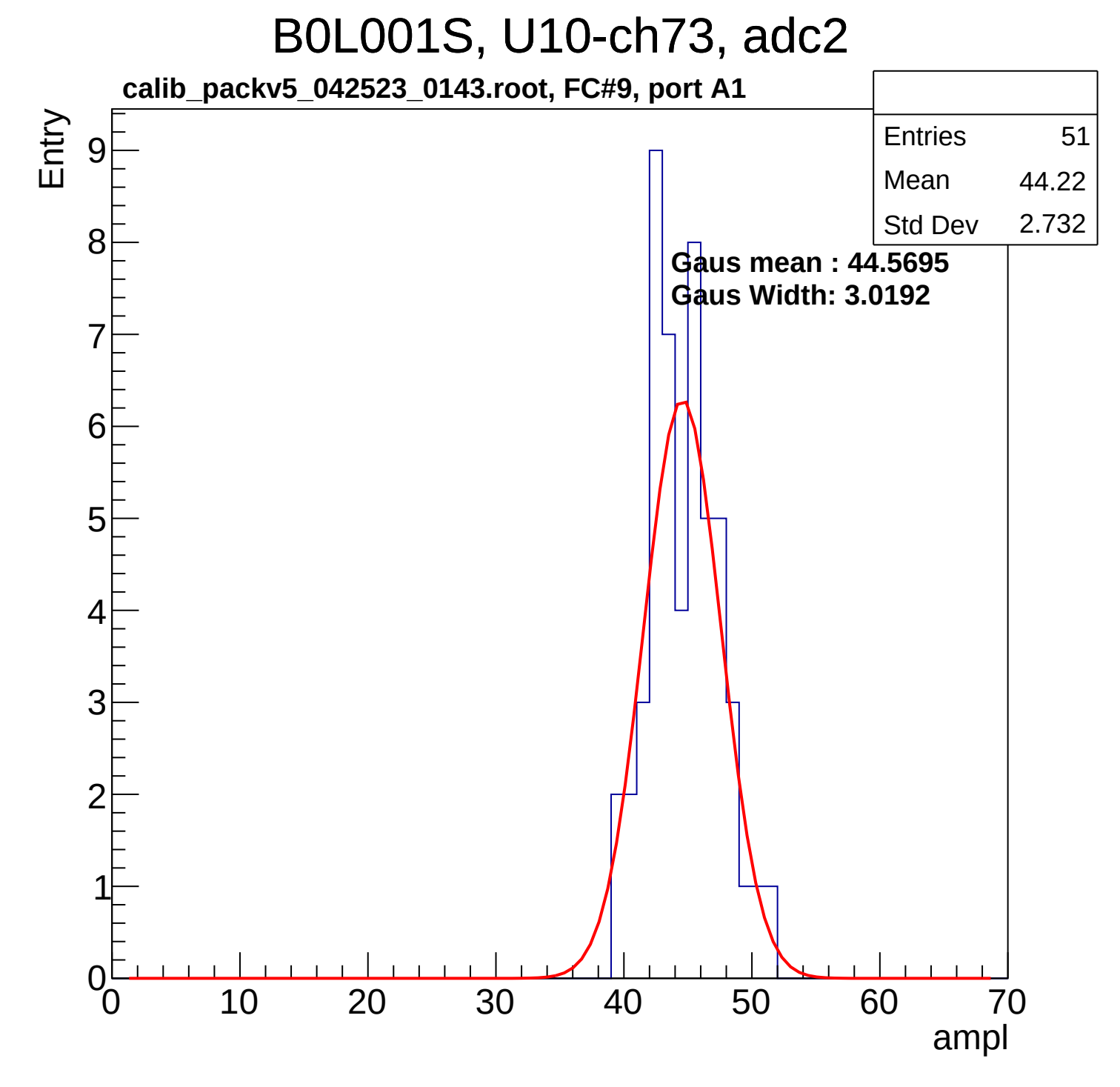
B0L001S, U10-ch73, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 44.22
Std Dev 2.732
Gaus mean : 44.5695
Gaus Width: 3.0192
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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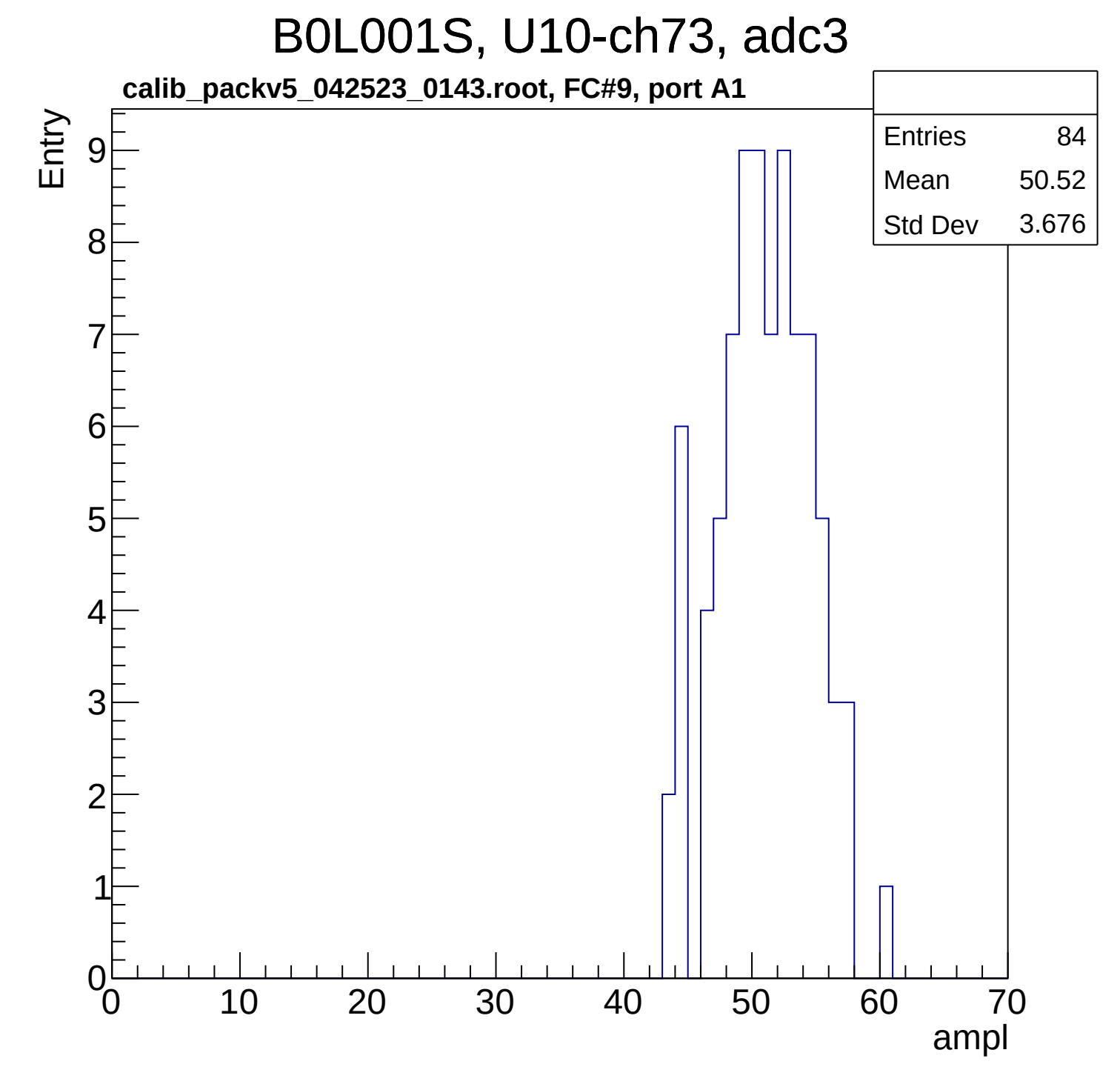
B0L001S, U10-ch73, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 50.52
Std Dev 3.676
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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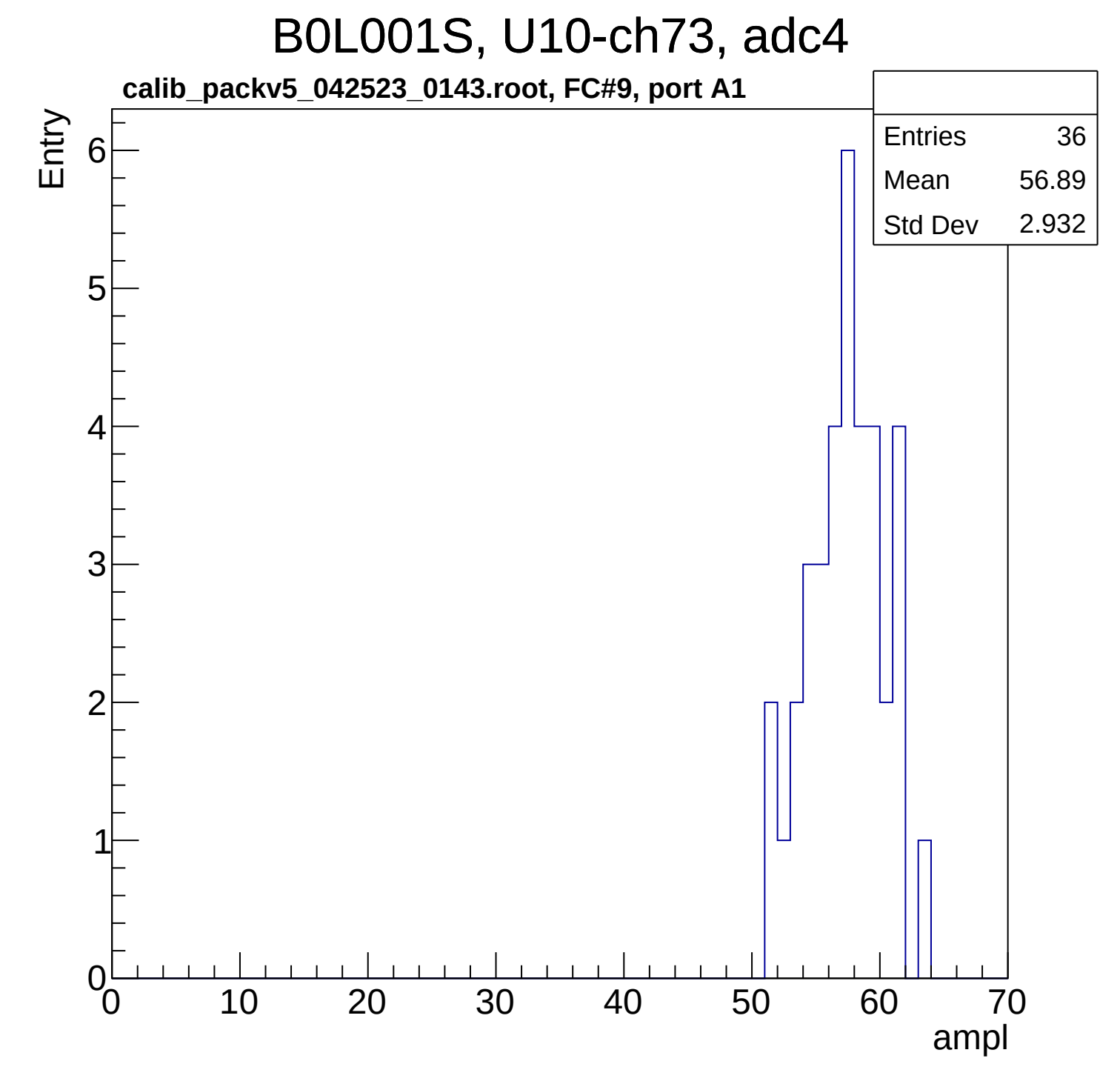
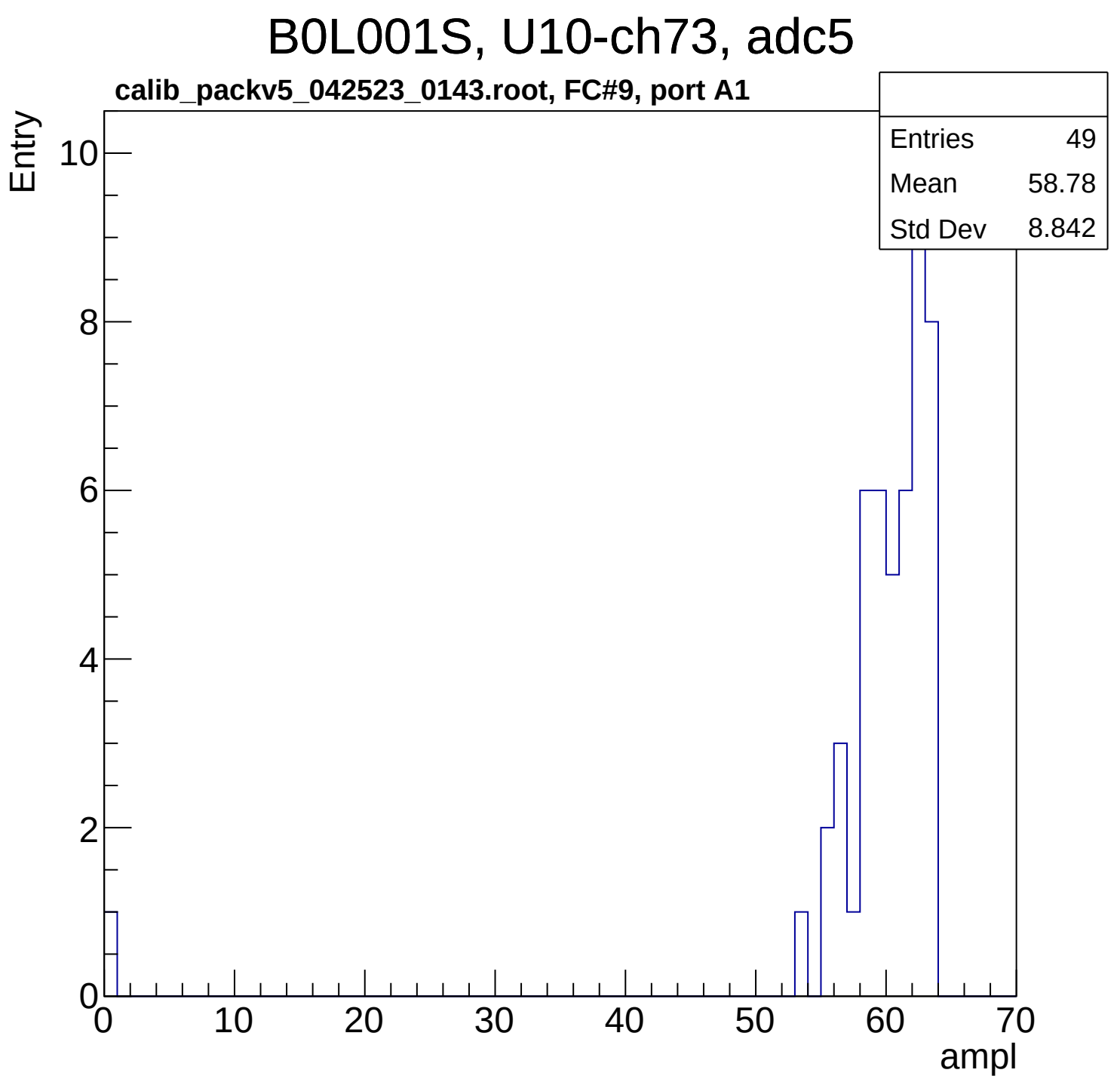

B0L001S, U10-ch73, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 56.89
Std Dev 2.932
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch73, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 58.78
Std Dev 8.842
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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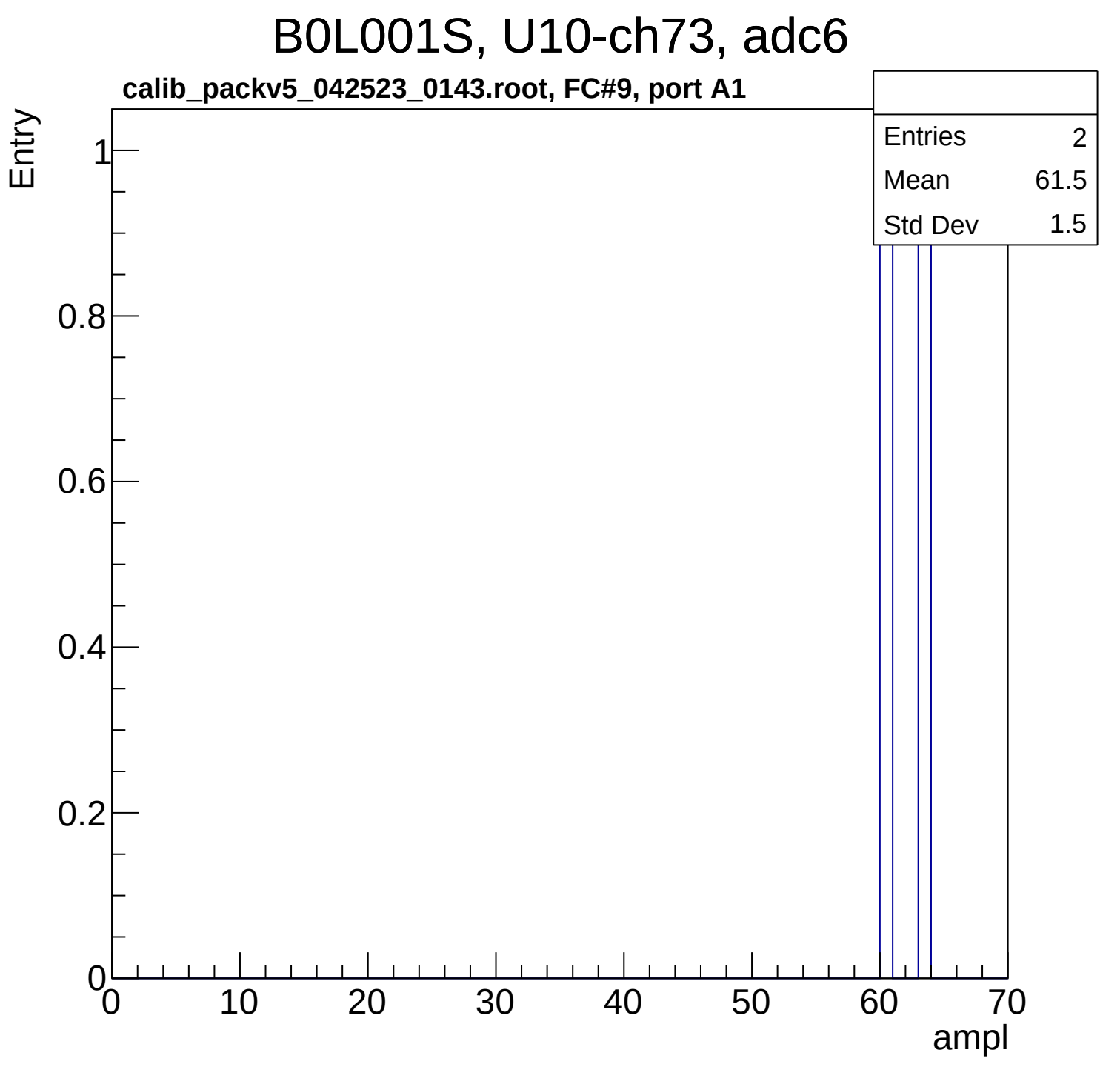
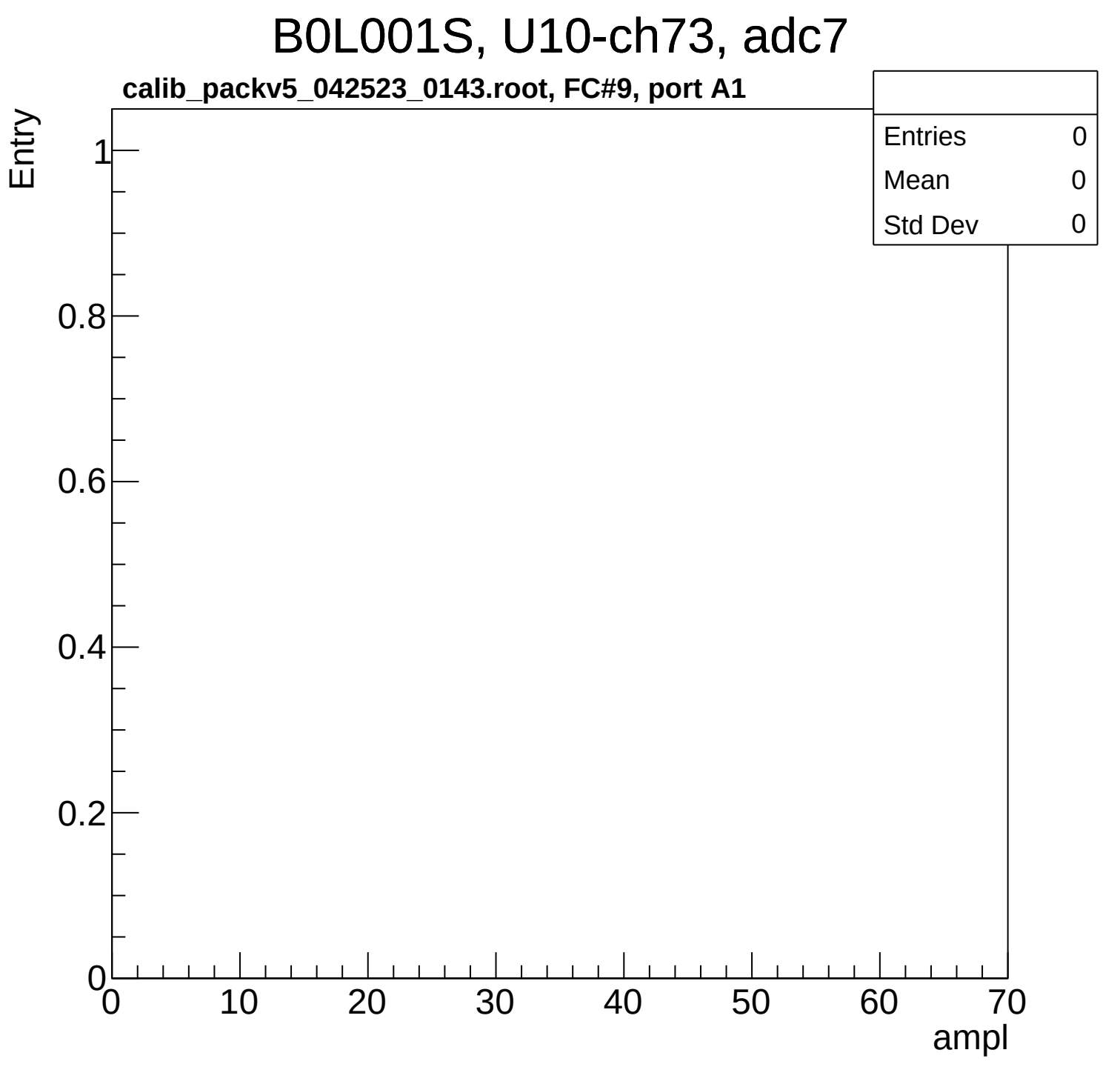
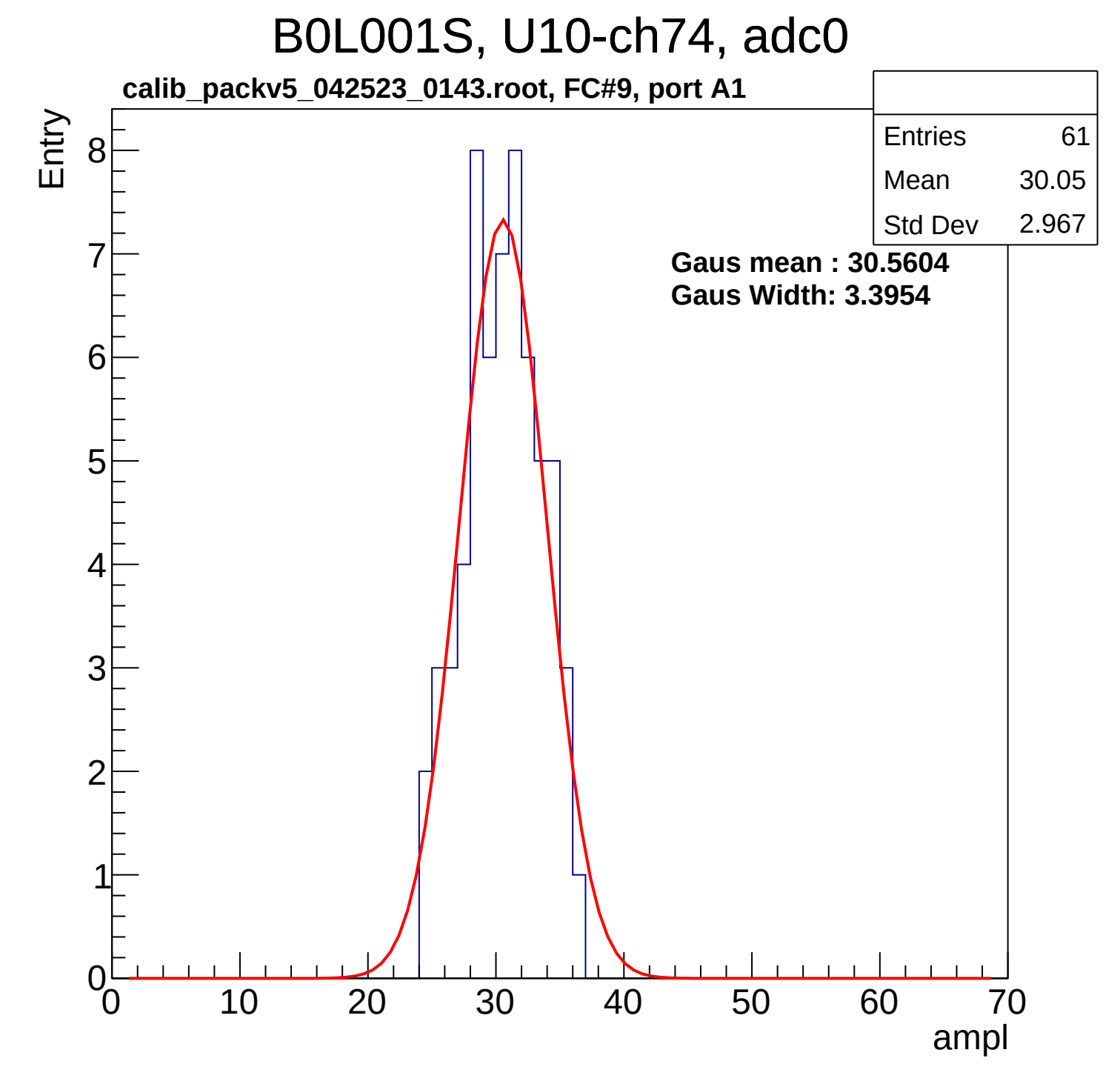
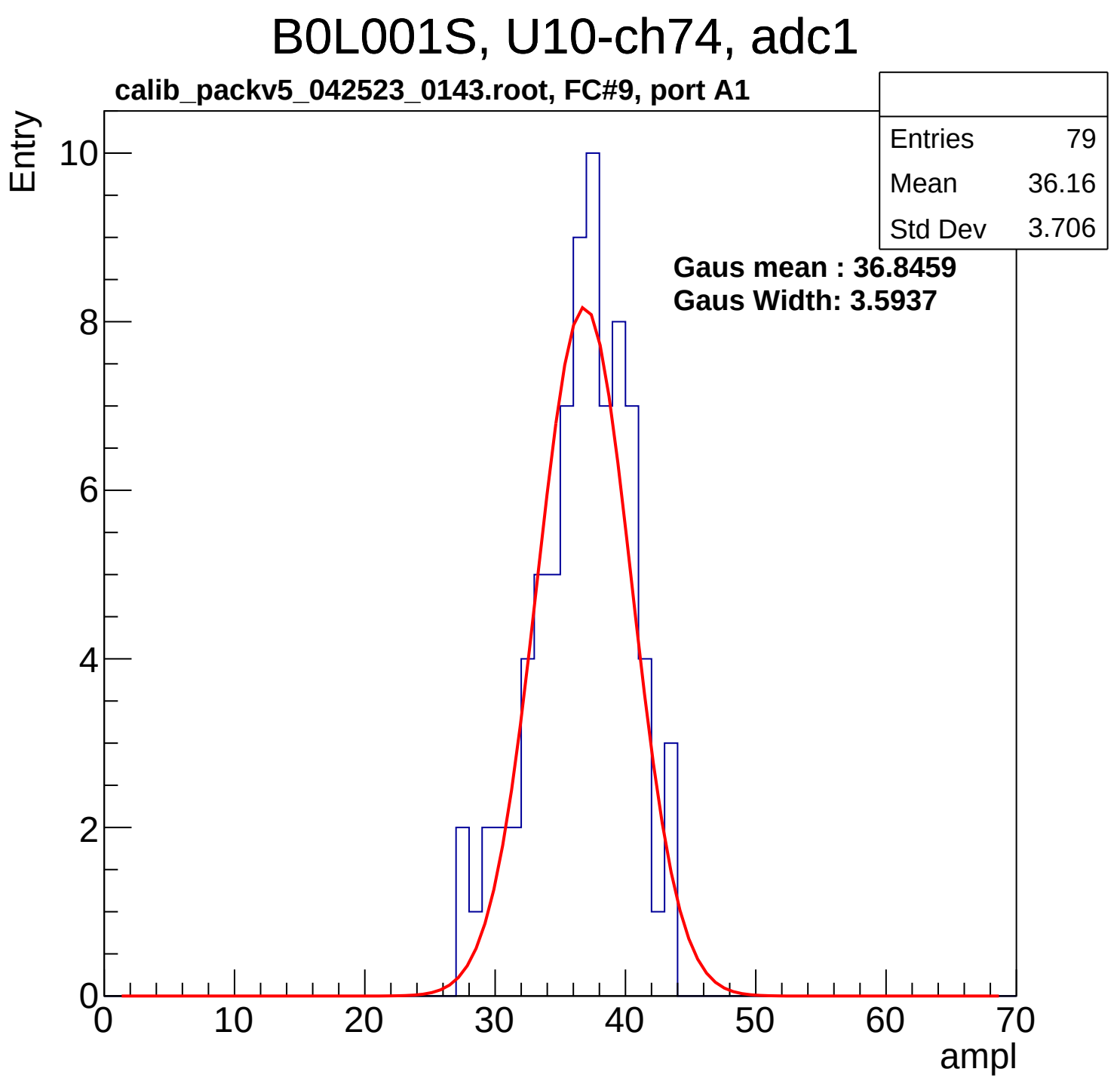
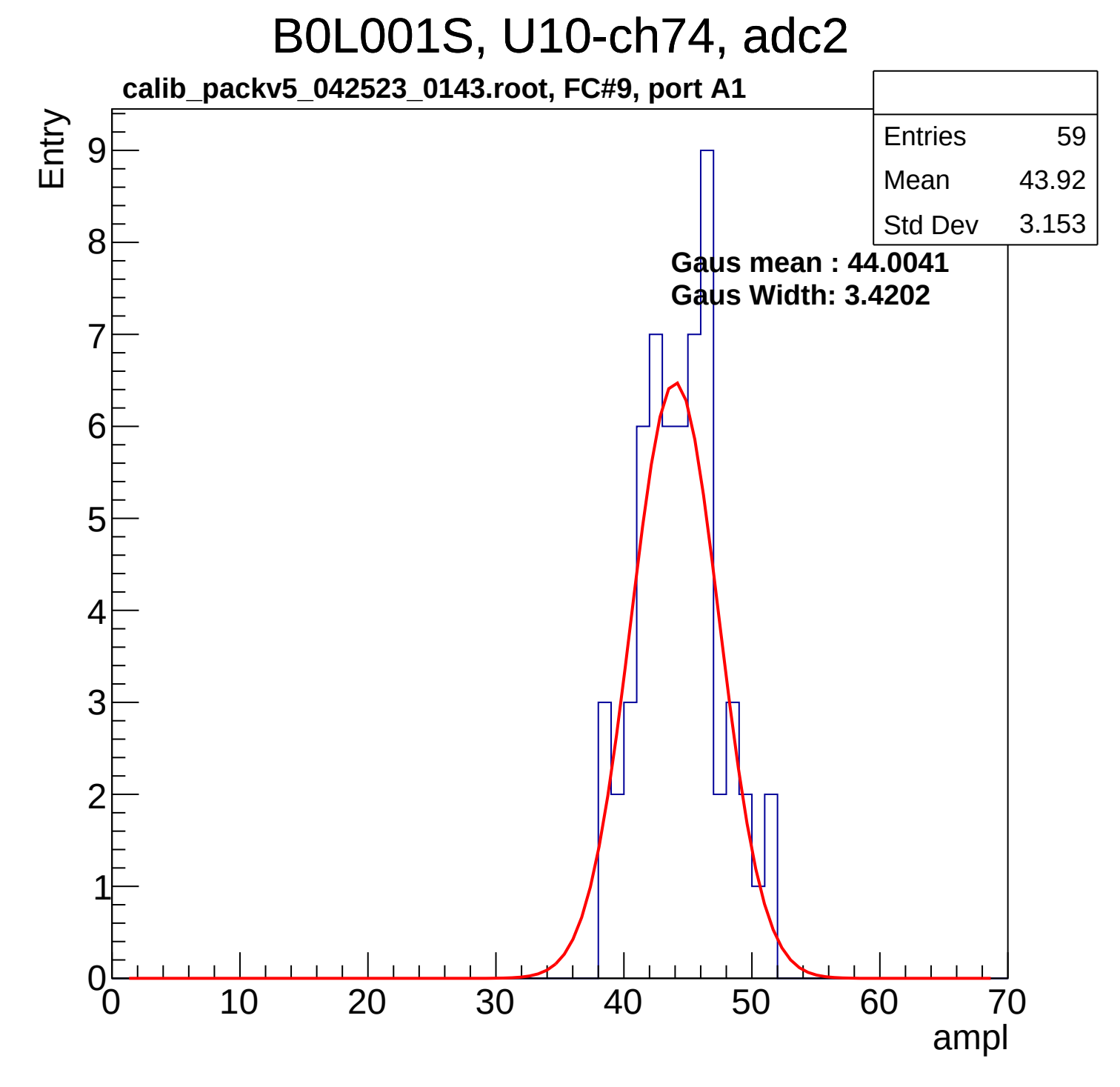

B0L001S, U10-ch73, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 61.5
Std Dev 1.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch73, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch74, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 30.05
Std Dev 2.967
Gaus mean : 30.5604
Gaus Width: 3.3954
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch74, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 36.16
Std Dev 3.706
Gaus mean : 36.8459
Gaus Width: 3.5937
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch74, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 43.92
Std Dev 3.153
Gaus mean : 44.0041
Gaus Width: 3.4202
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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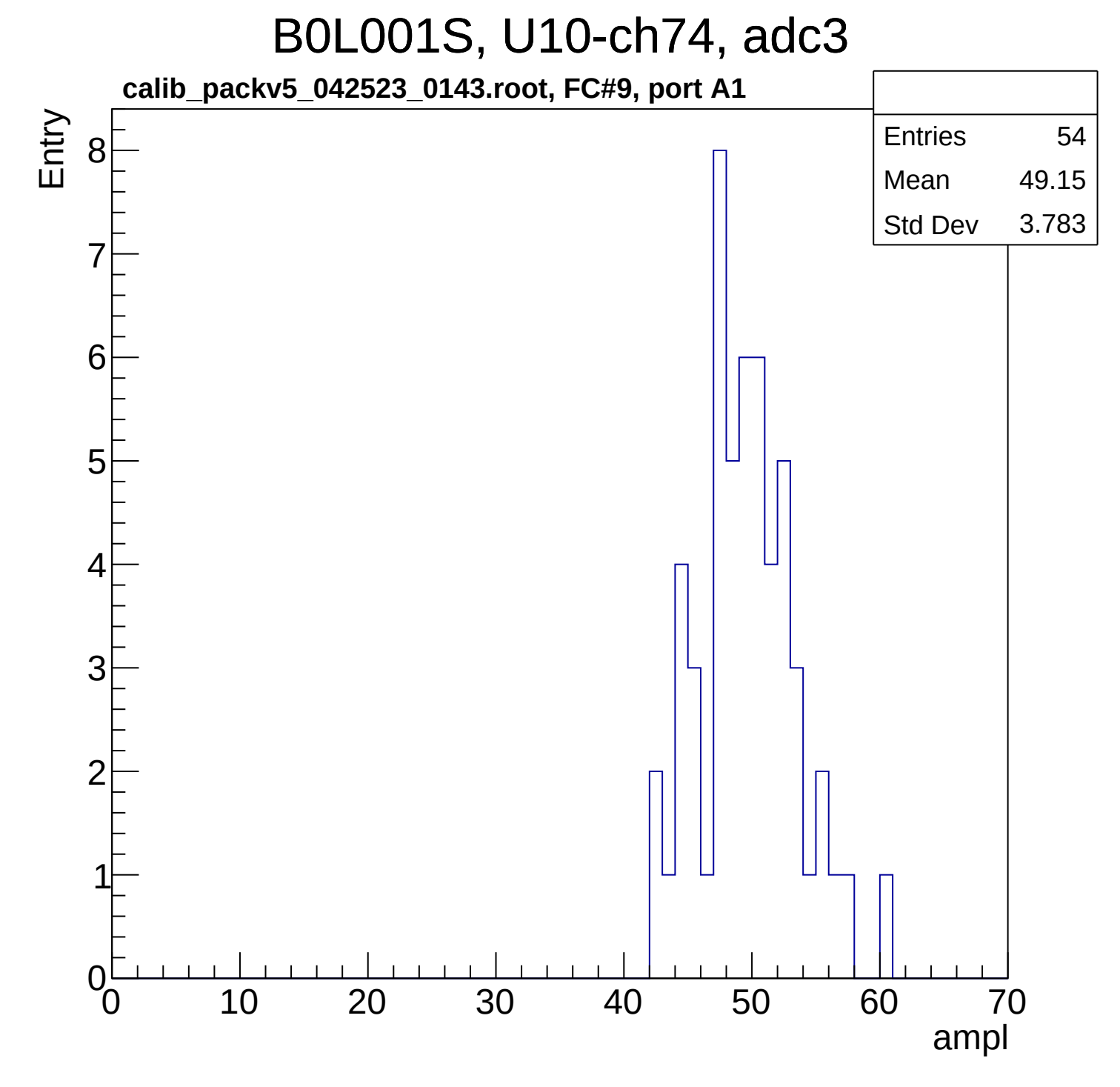
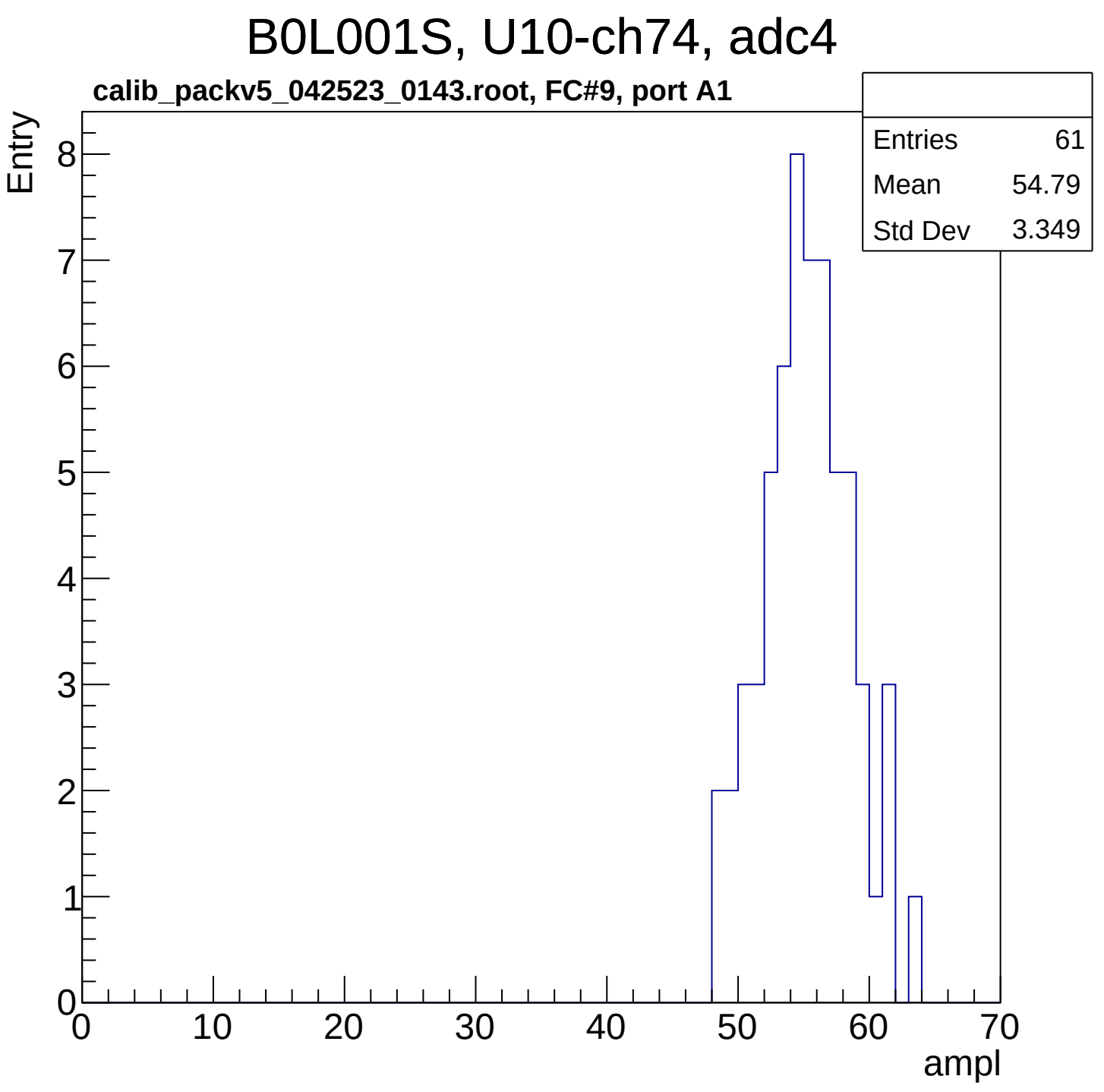
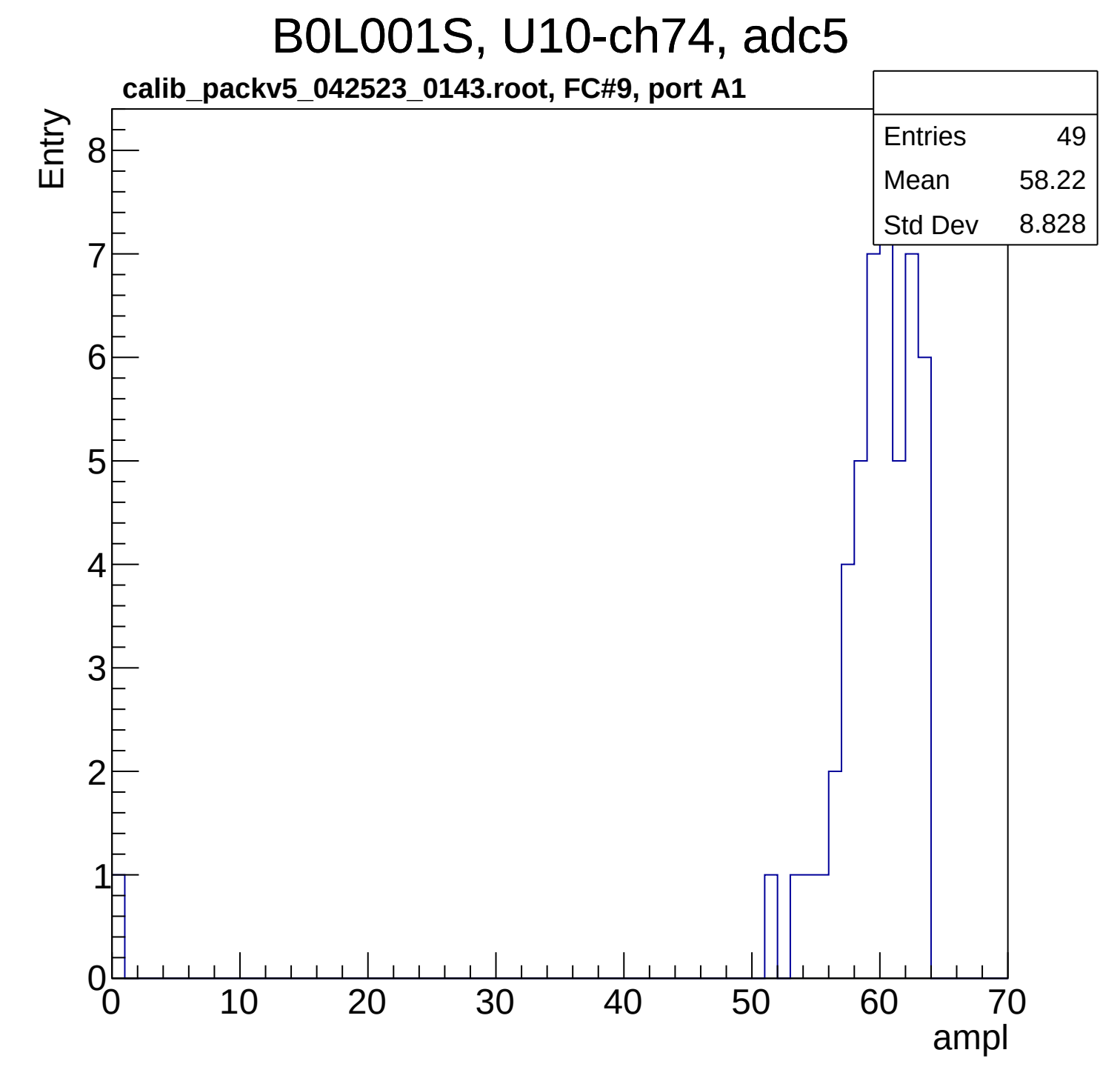

B0L001S, U10-ch74, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 49.15
Std Dev 3.783
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch74, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 54.79
Std Dev 3.349
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch74, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 58.22
Std Dev 8.828
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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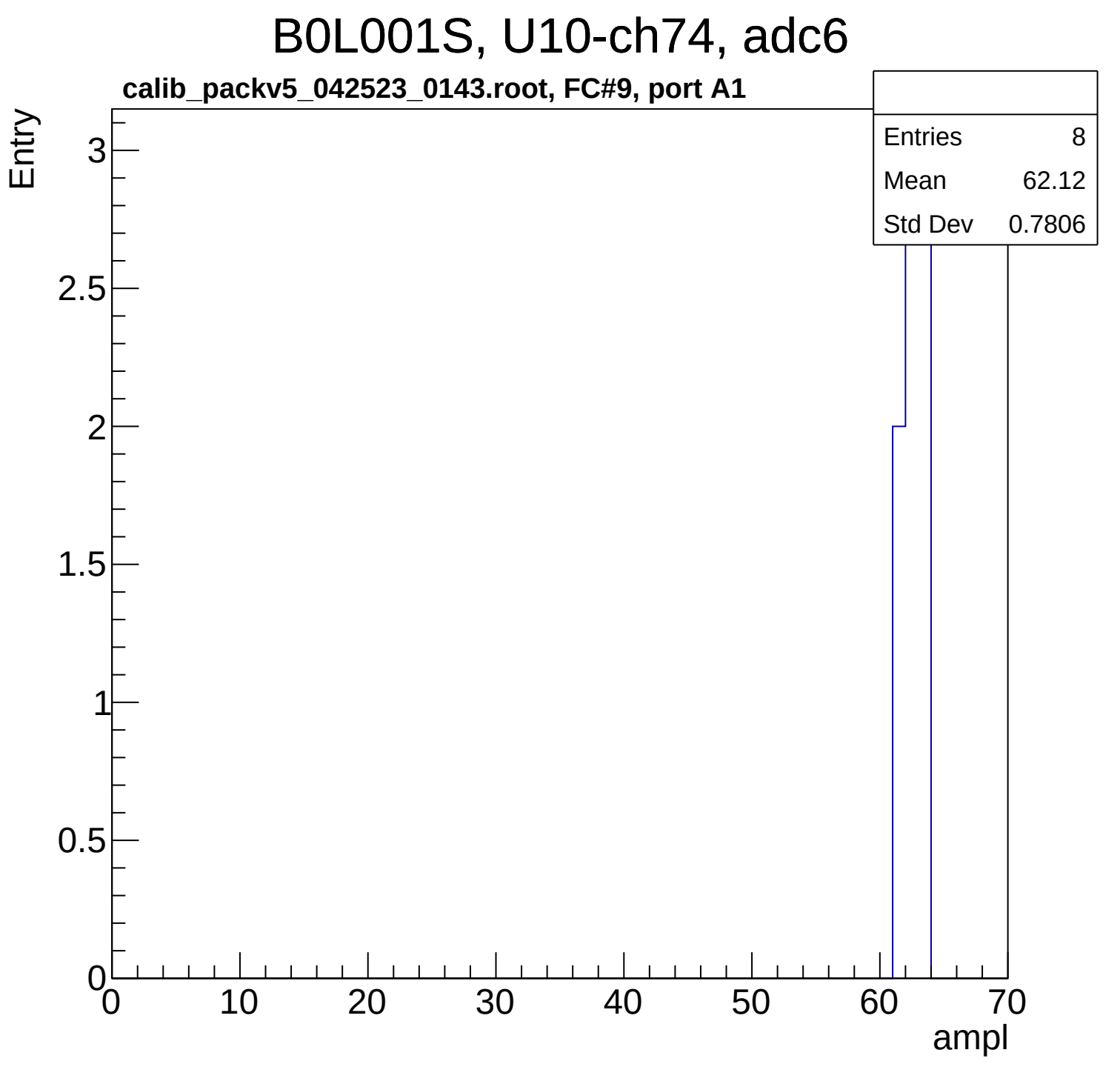
B0L001S, U10-ch74, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 62.12
Std Dev 0.7806
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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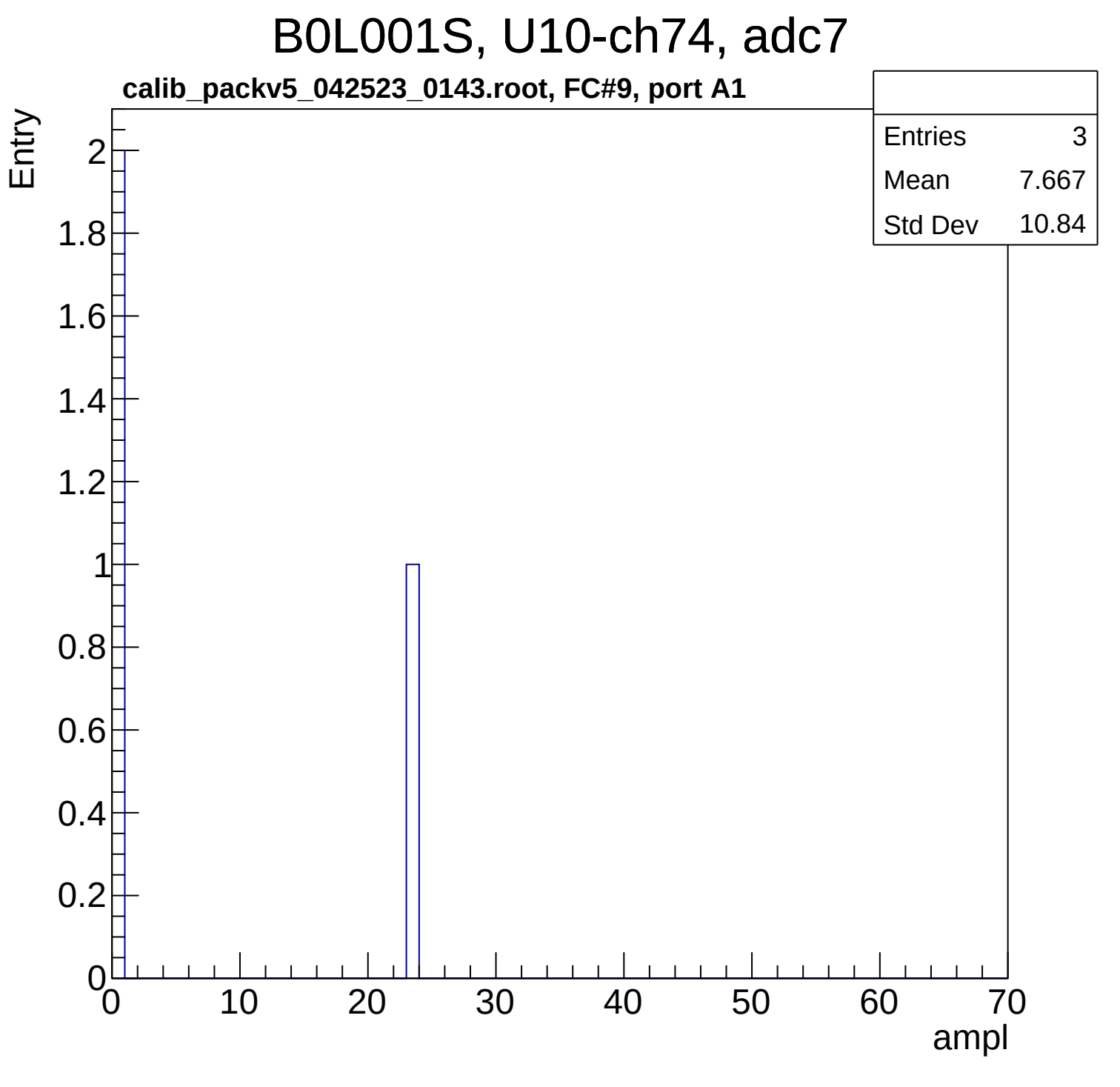
B0L001S, U10-ch74, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.667
Std Dev 10.84
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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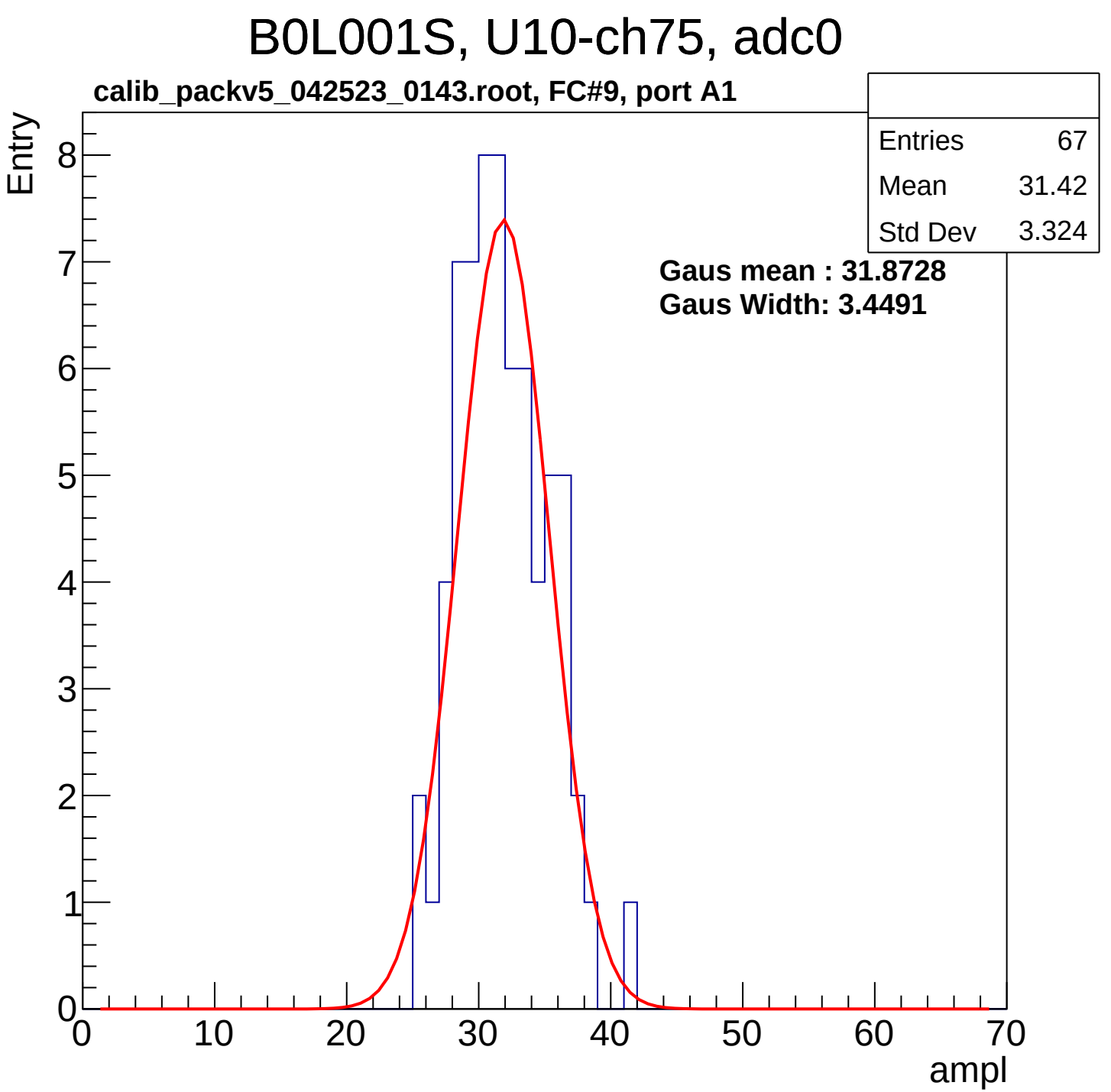
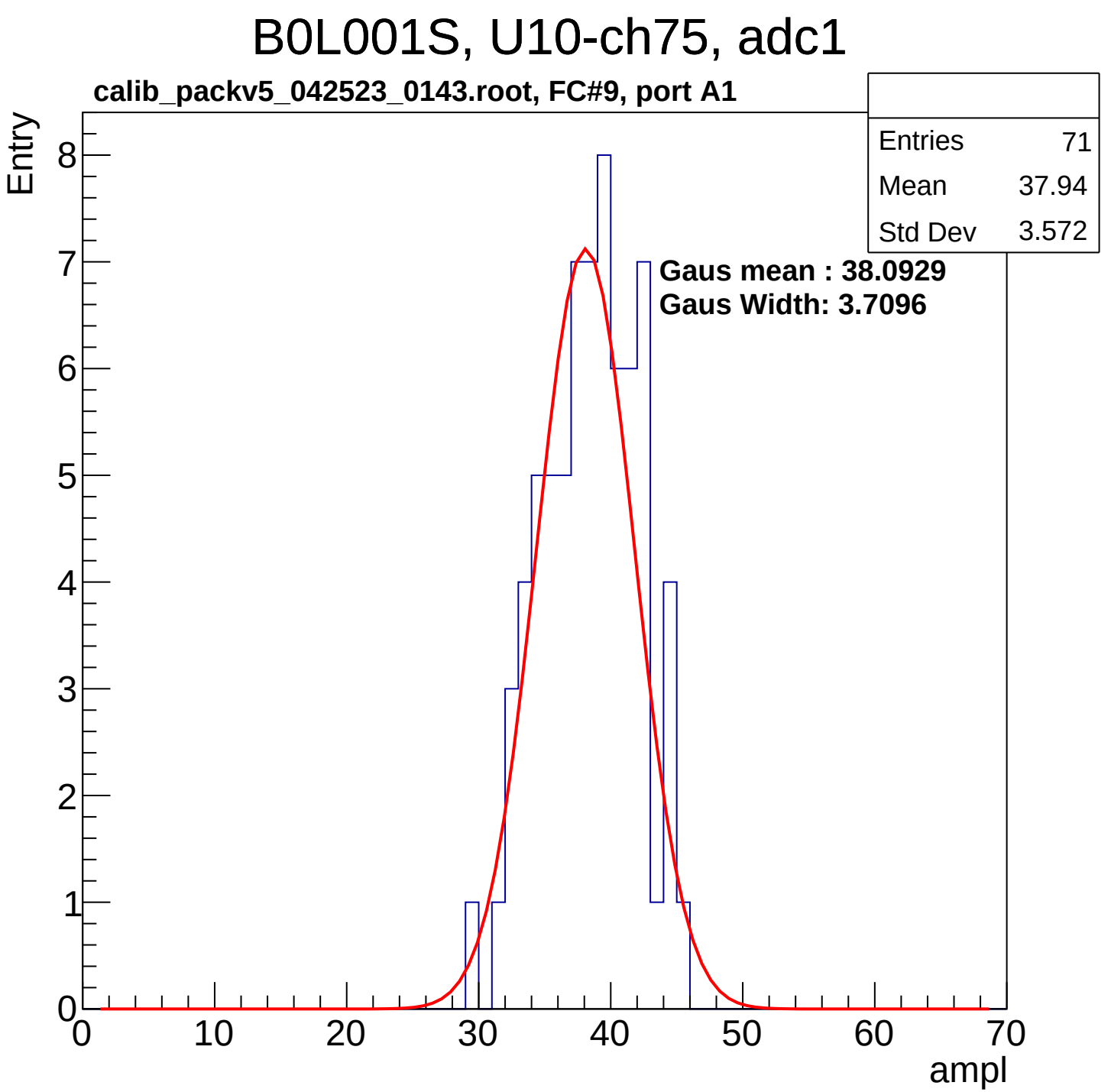

B0L001S, U10-ch75, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 31.42
Std Dev 3.324
Gaus mean : 31.8728
Gaus Width: 3.4491
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch75, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.94
Std Dev 3.572
Gaus mean : 38.0929
Gaus Width: 3.7096
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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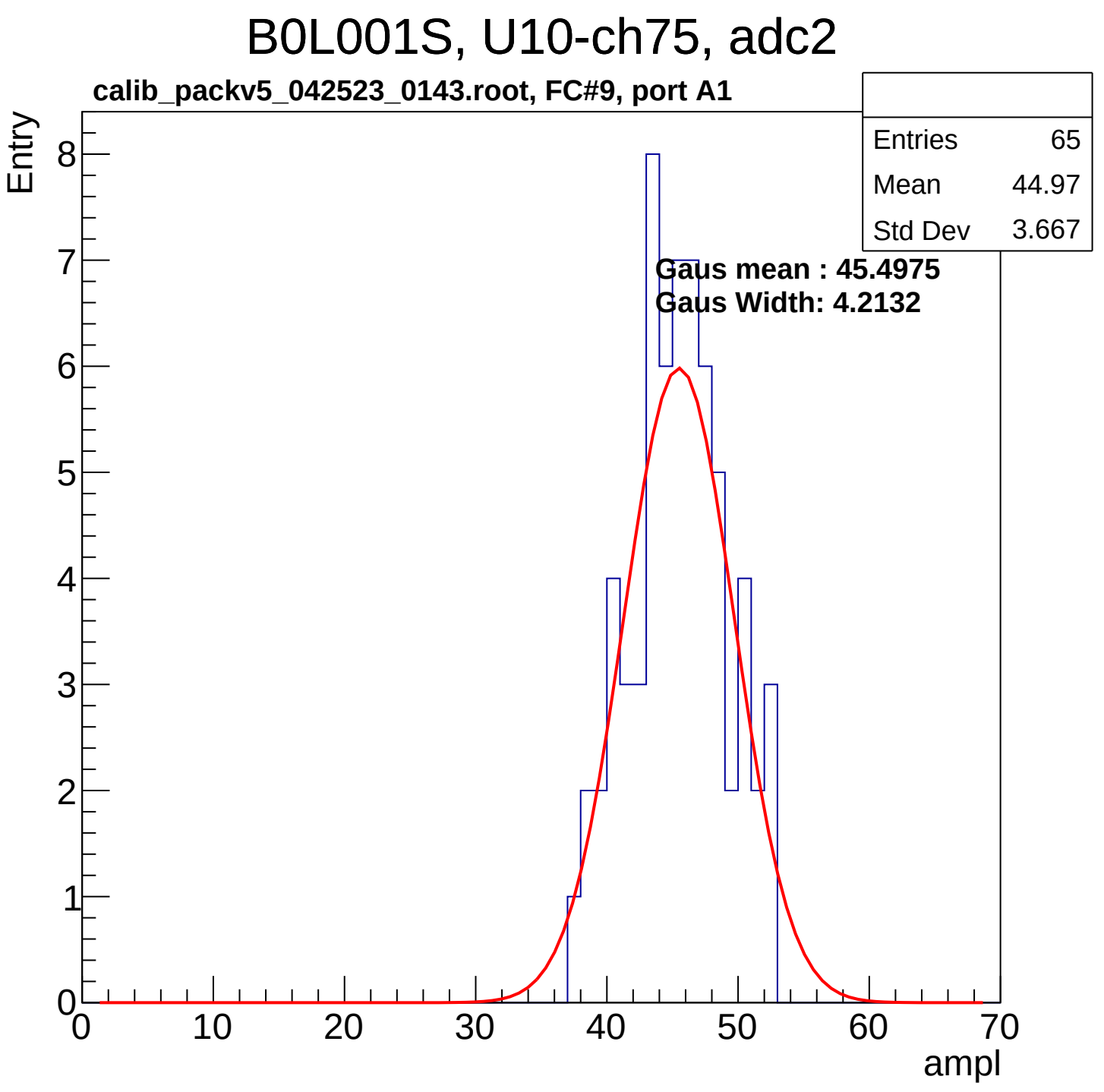
B0L001S, U10-ch75, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 44.97
Std Dev 3.667
Gaus mean : 45.4975
Gaus Width: 4.2132
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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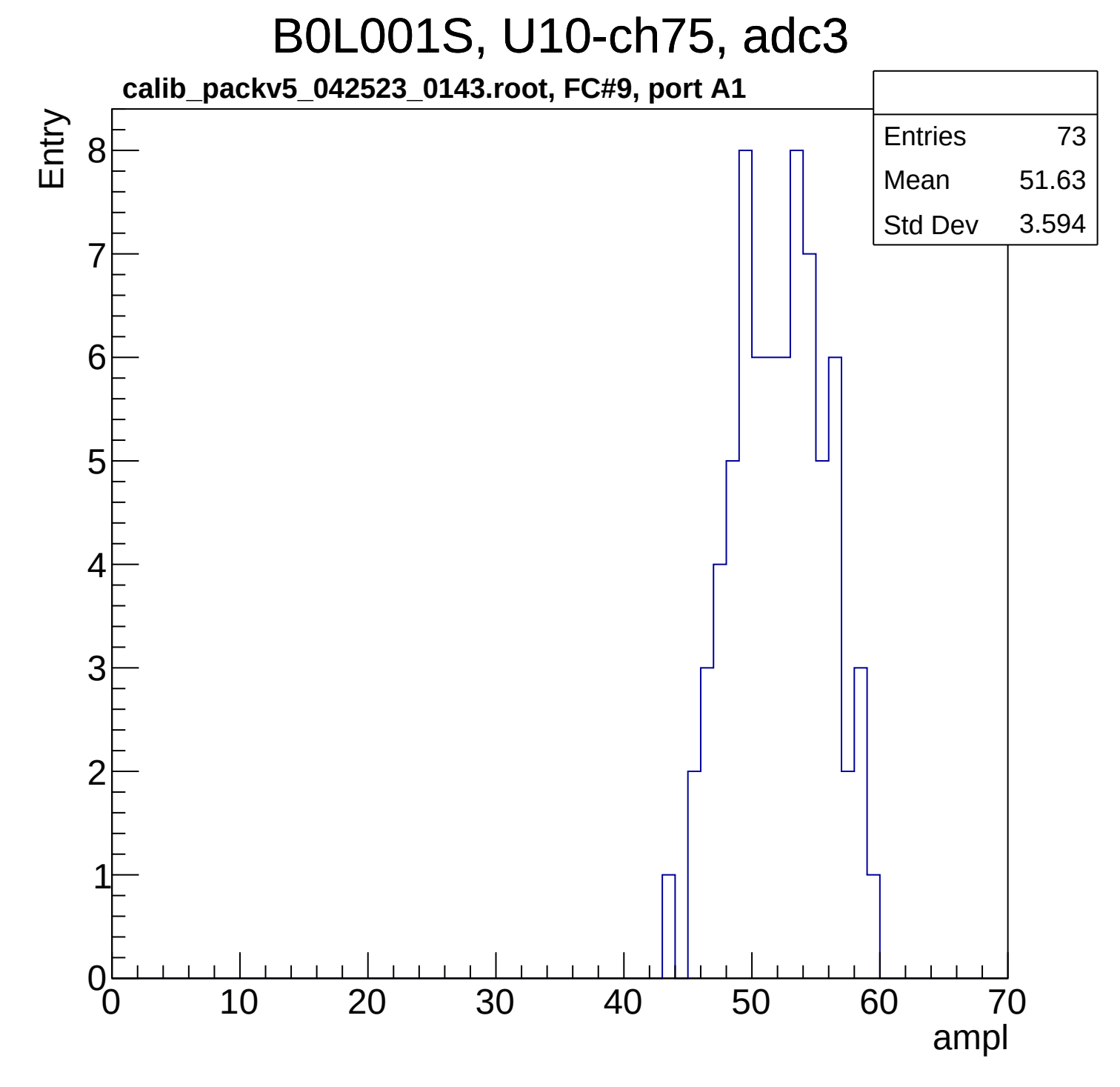
B0L001S, U10-ch75, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 51.63
Std Dev 3.594
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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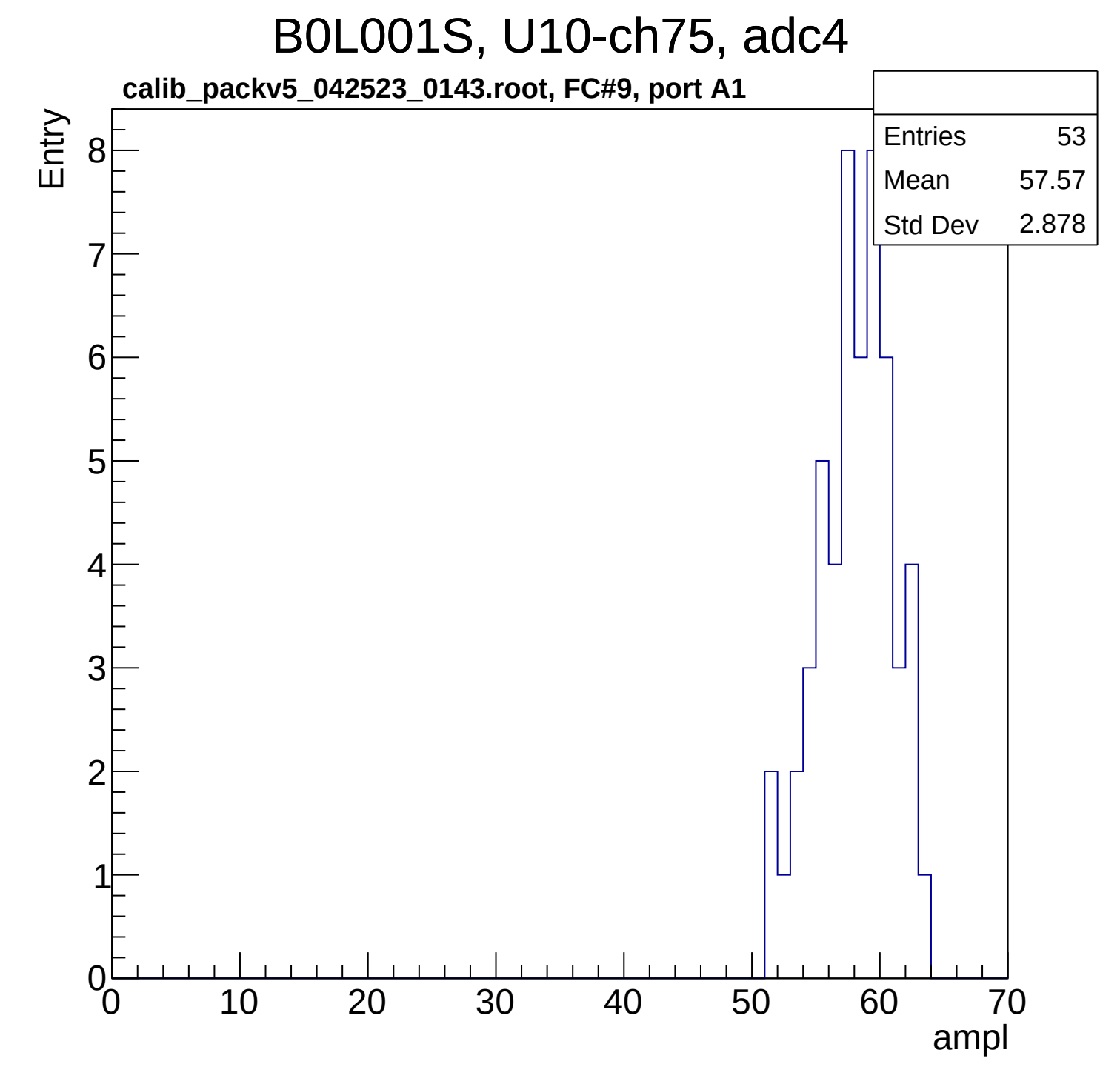
B0L001S, U10-ch75, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 57.57
Std Dev 2.878
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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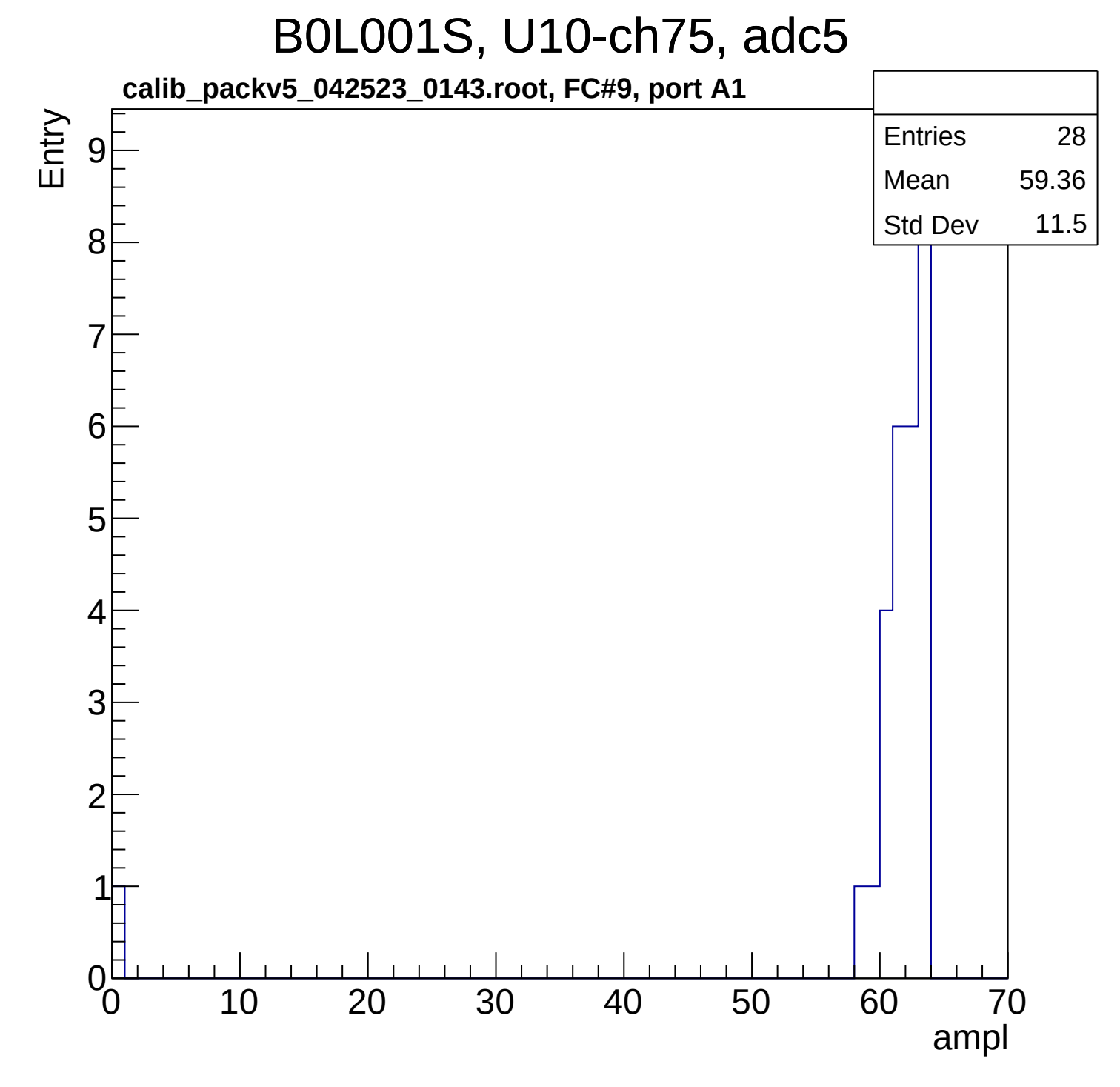
B0L001S, U10-ch75, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 59.36
Std Dev 11.5
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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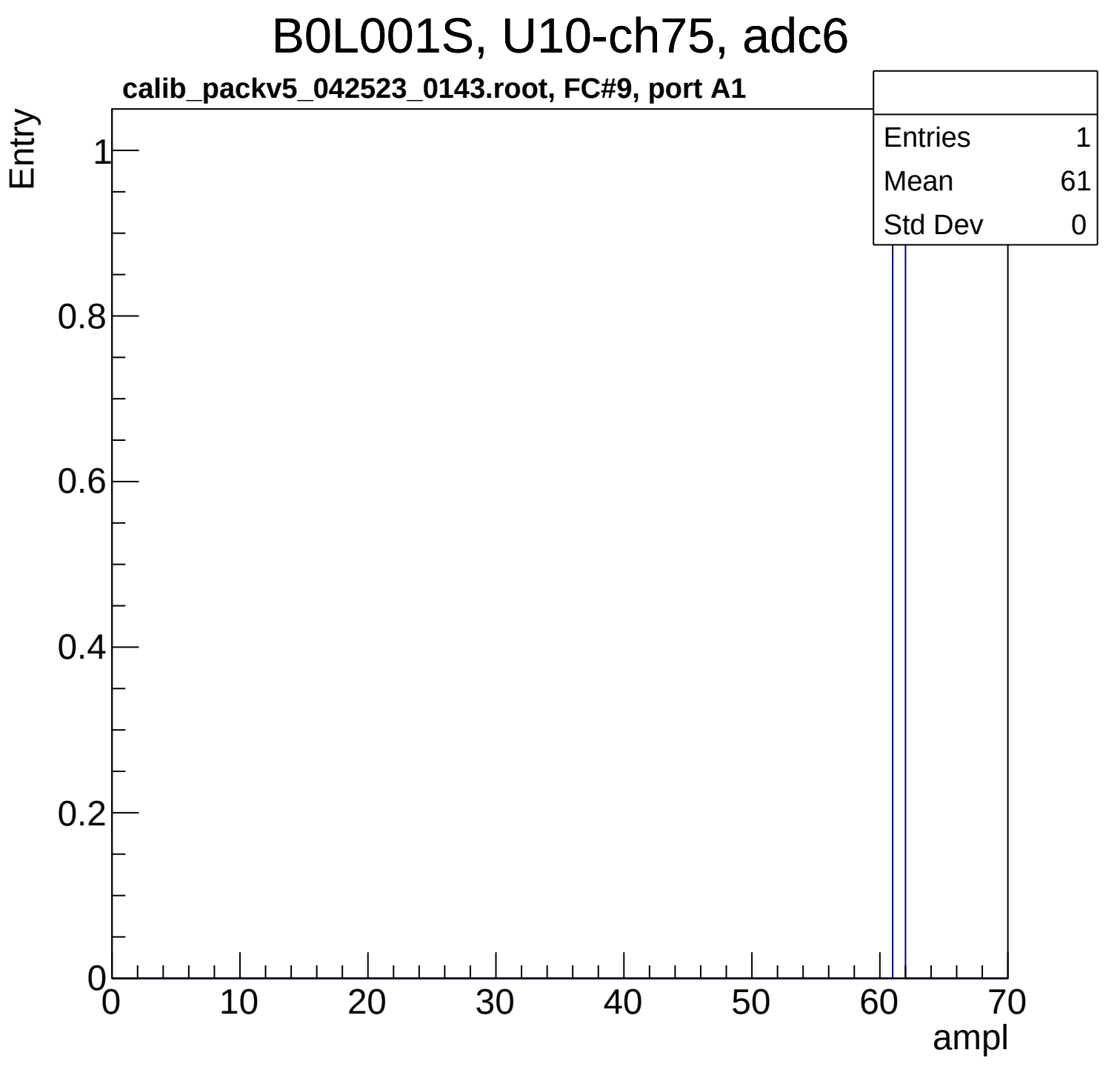
B0L001S, U10-ch75, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
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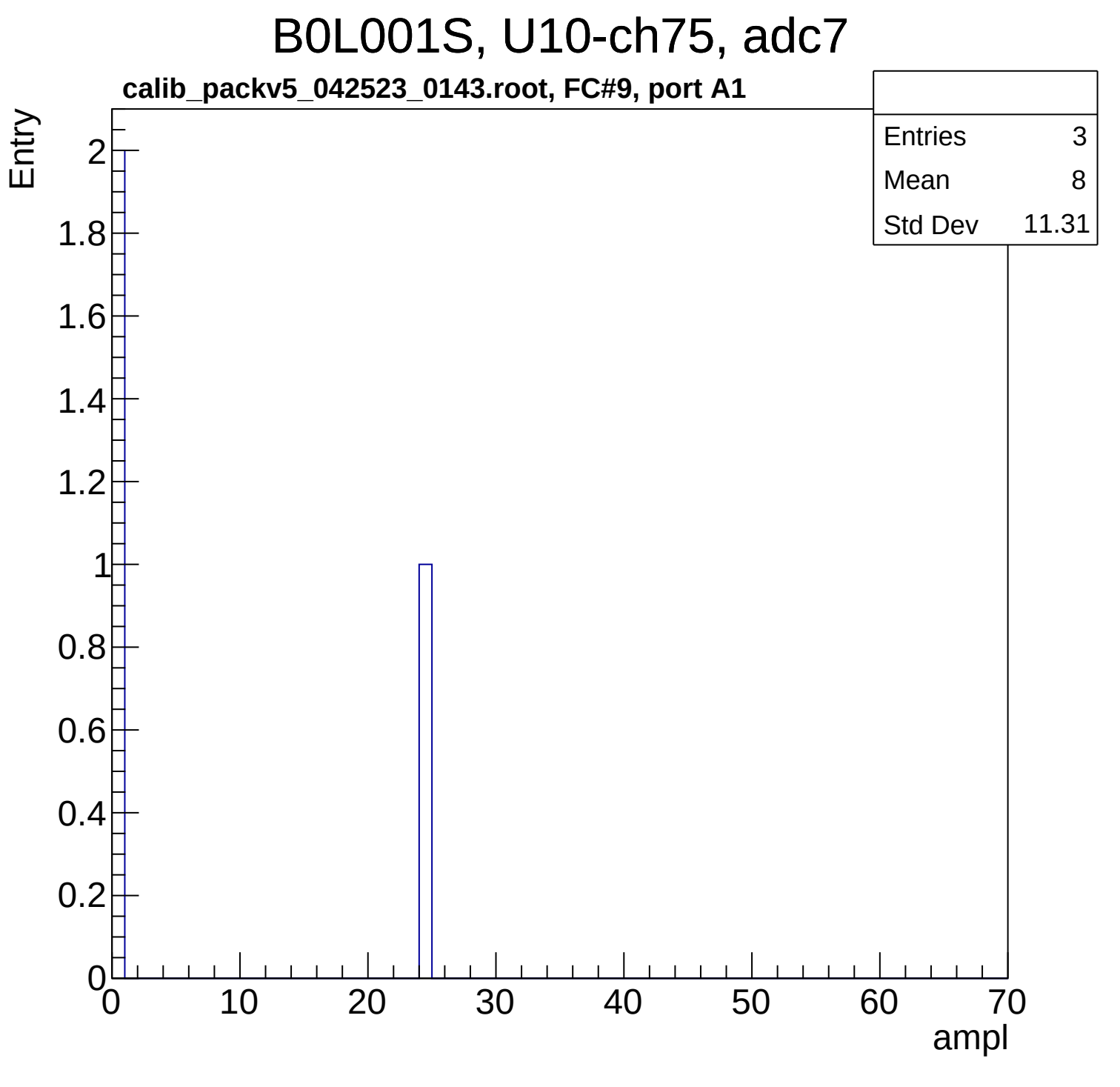
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch75, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 8
Std Dev 11.31
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
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60
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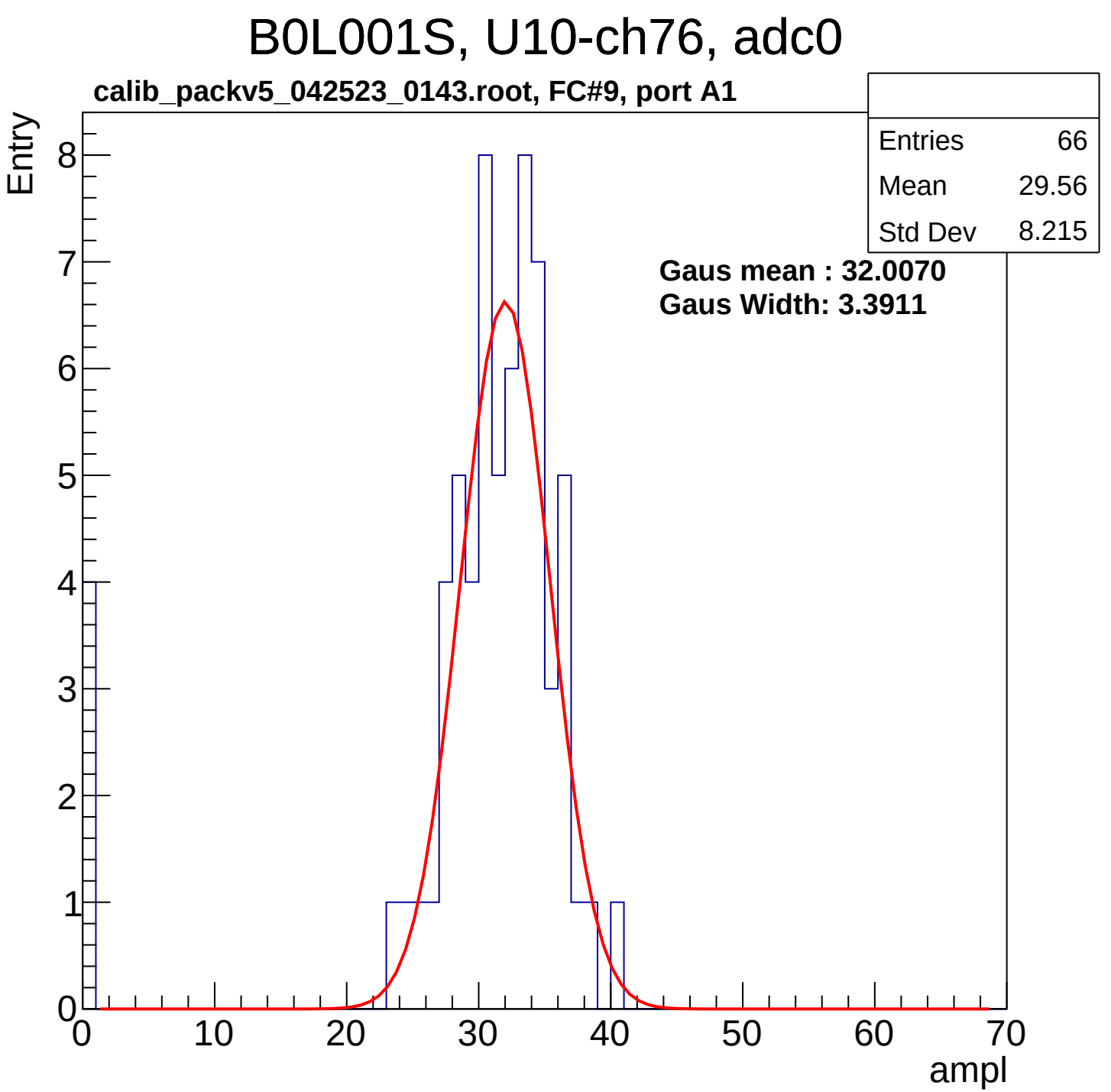
B0L001S, U10-ch76, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 29.56
Std Dev 8.215
Gaus mean : 32.0070
Gaus Width: 3.3911
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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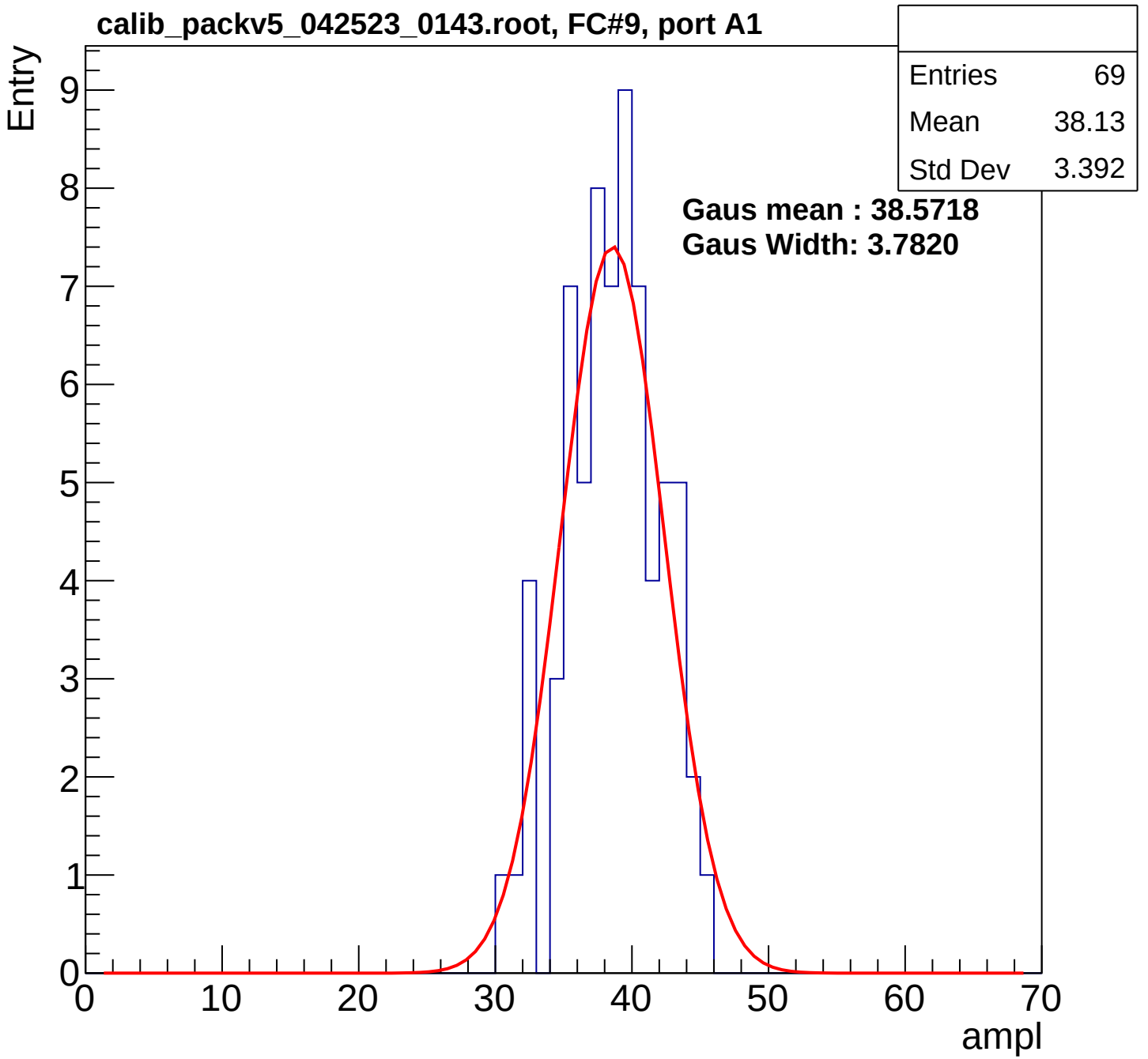
B0L001S, U10-ch76, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 38.13
Std Dev 3.392
Gaus mean : 38.5718
Gaus Width: 3.7820
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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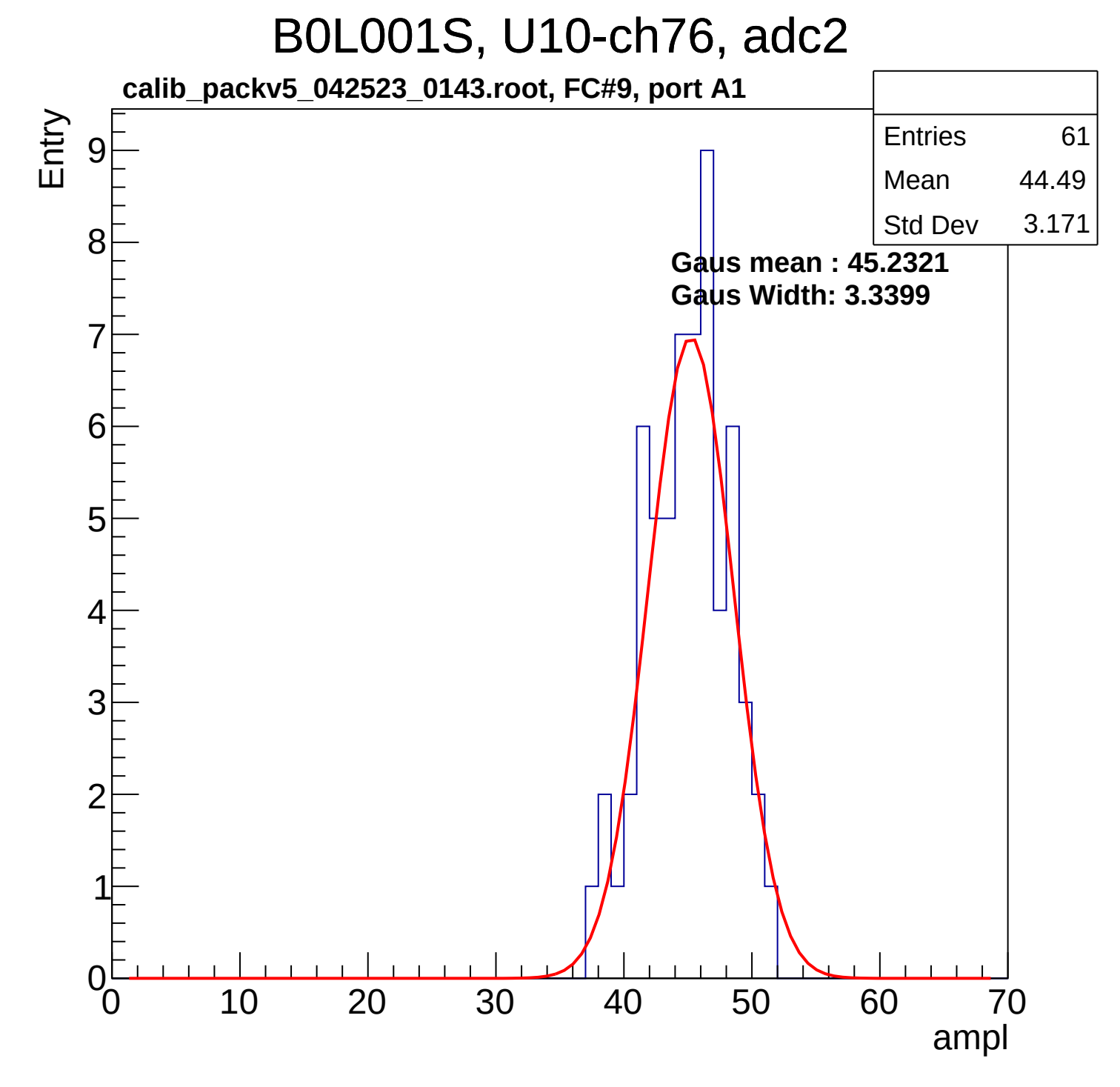
B0L001S, U10-ch76, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 44.49
Std Dev 3.171
Gaus mean : 45.2321
Gaus Width: 3.3399
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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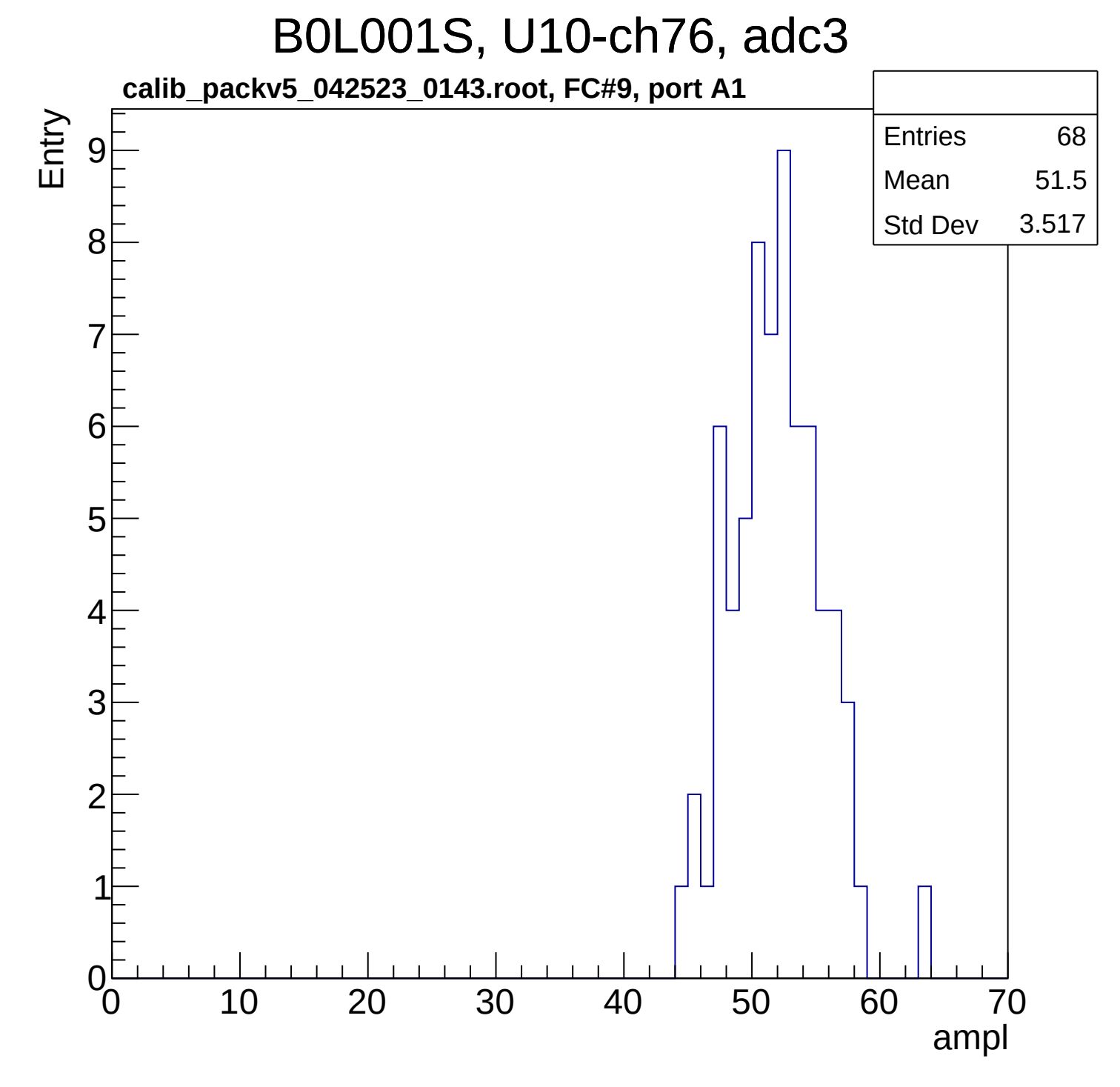
B0L001S, U10-ch76, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 51.5
Std Dev 3.517
Entry
ampl
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4
5
6
7
8
9
0
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40
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60
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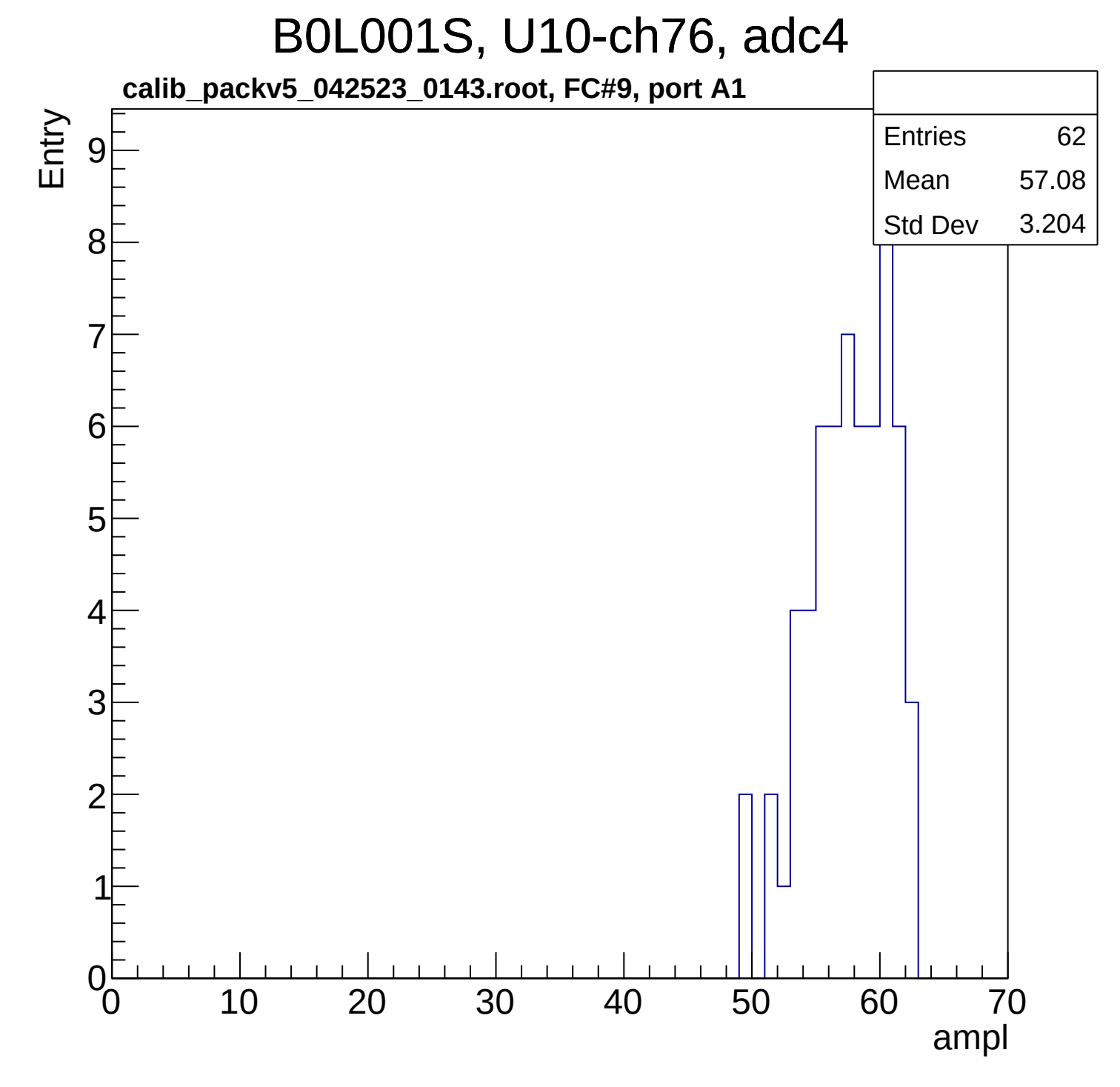
B0L001S, U10-ch76, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.08
Std Dev 3.204
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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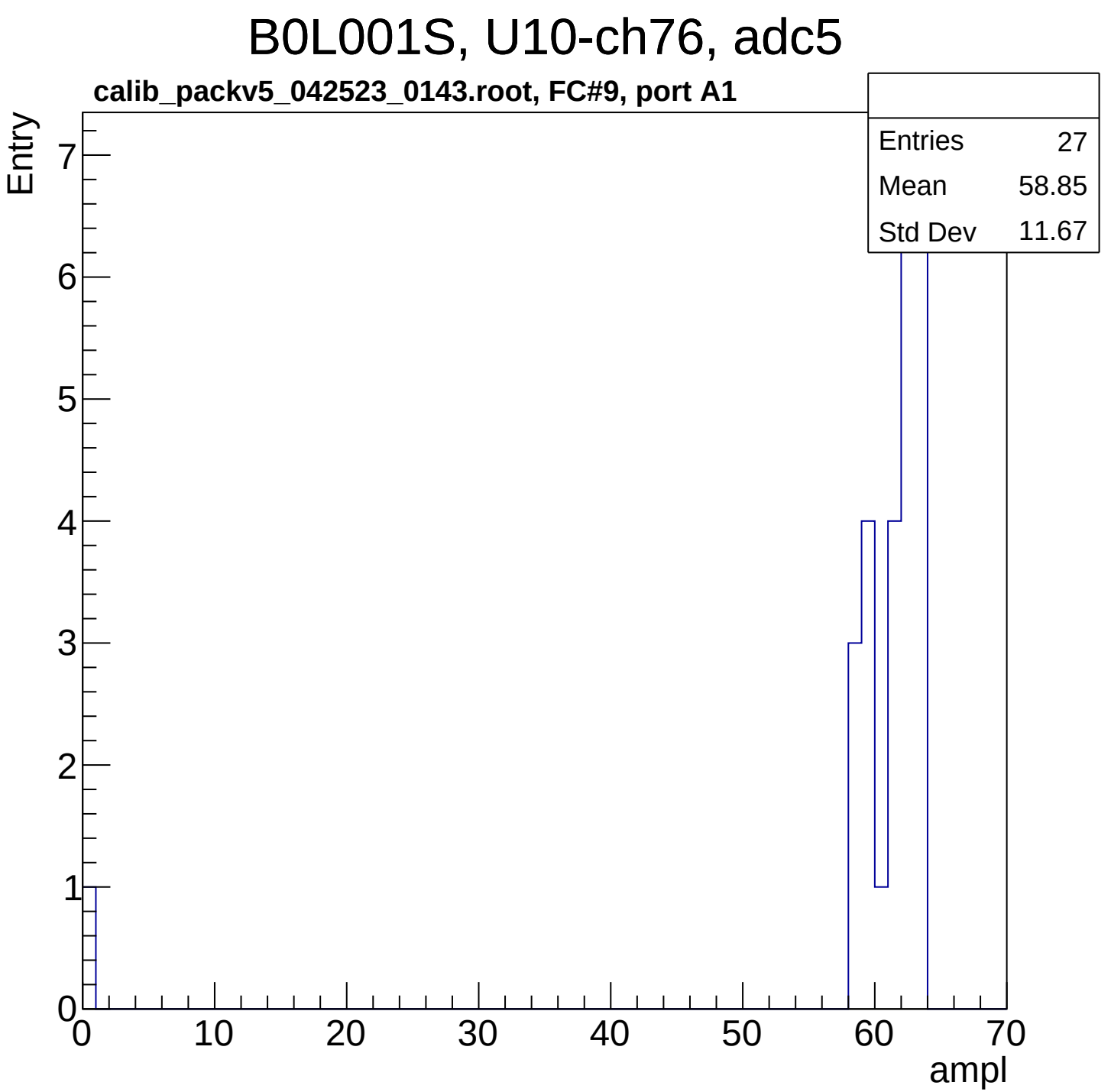
B0L001S, U10-ch76, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.85
Std Dev 11.67
Entry
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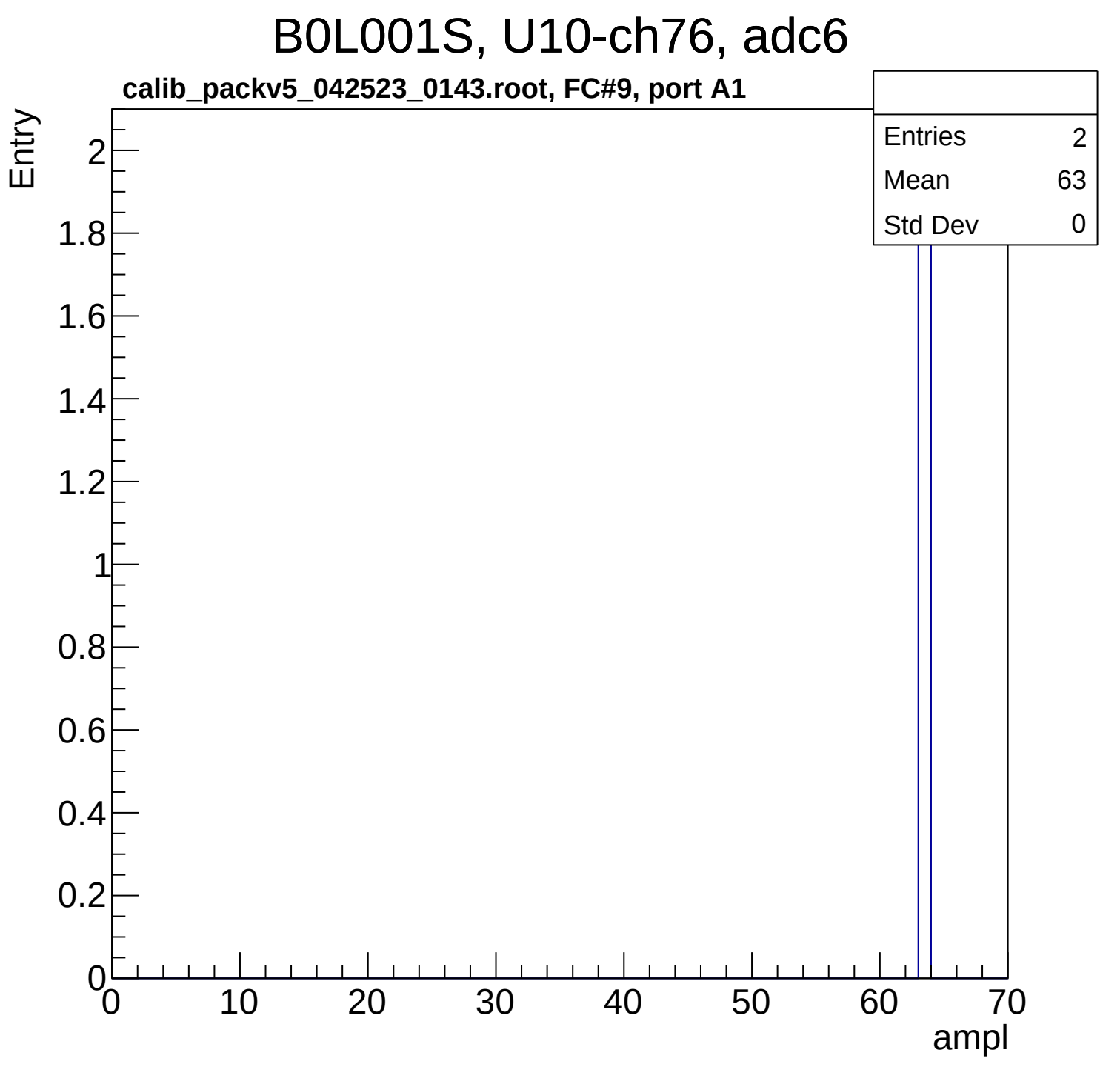
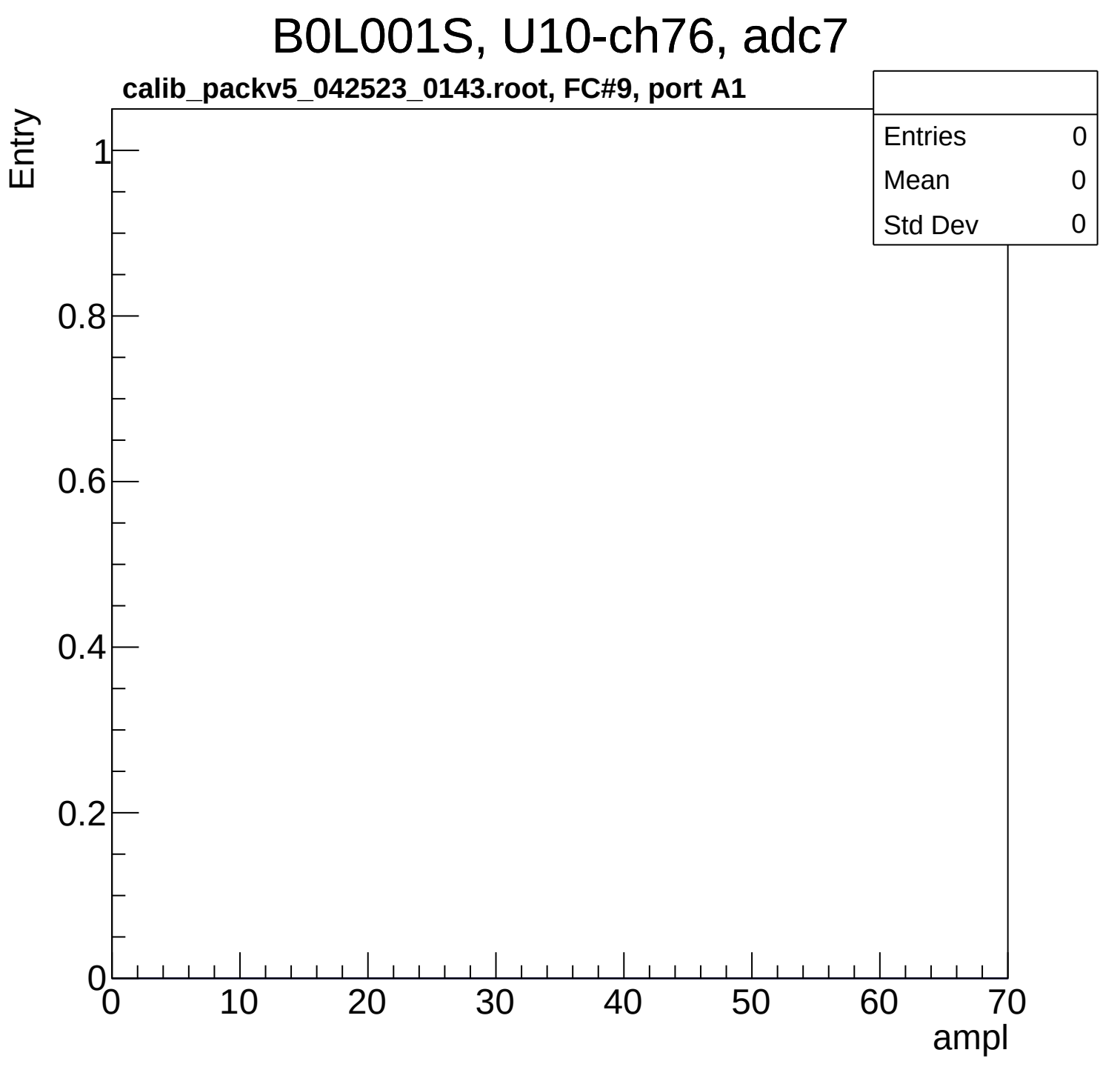
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch76, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch76, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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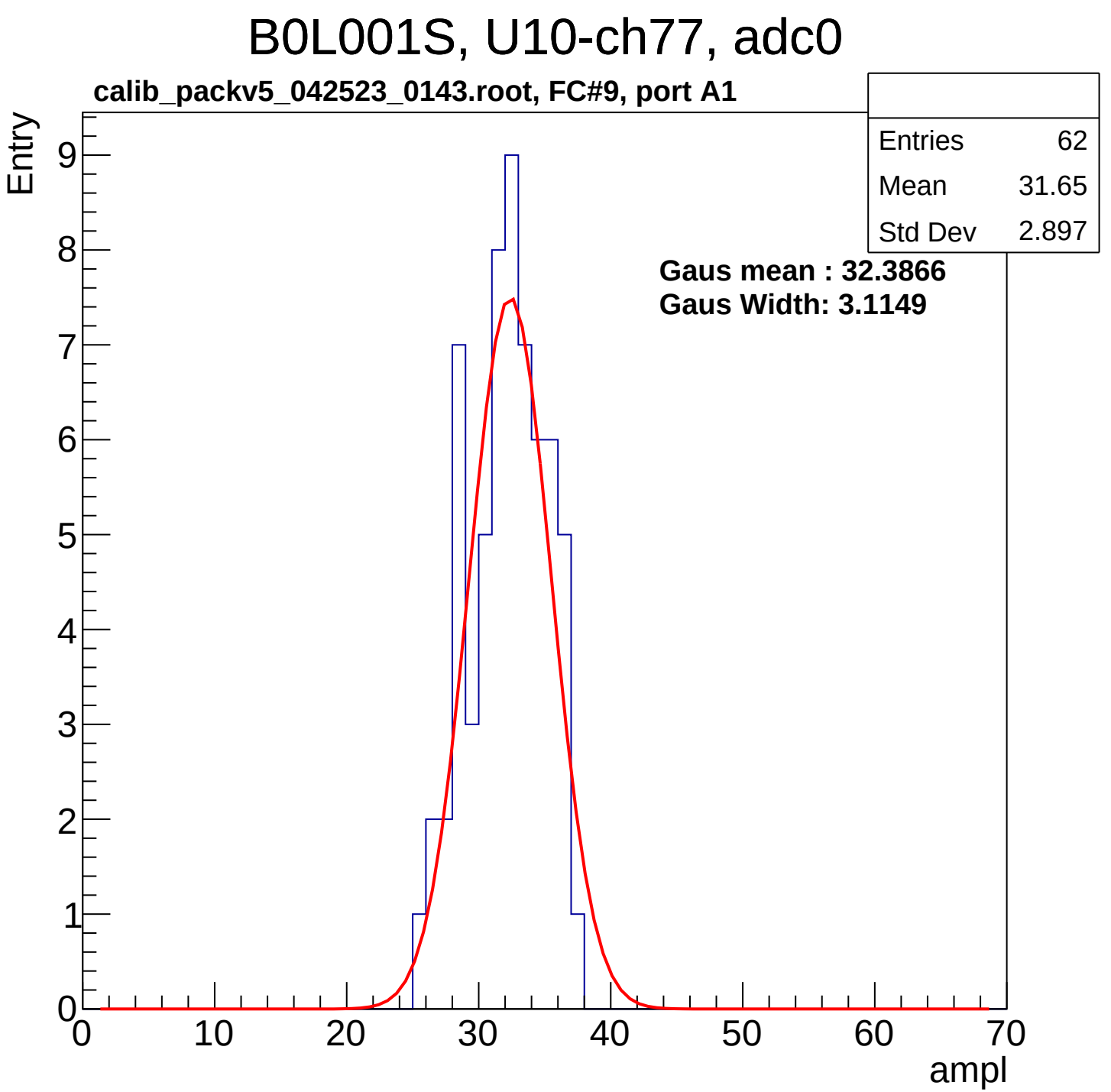
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch77, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 31.65
Std Dev 2.897
Gaus mean : 32.3866
Gaus Width: 3.1149
Entry
ampl
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2
3
4
5
6
7
8
9
0
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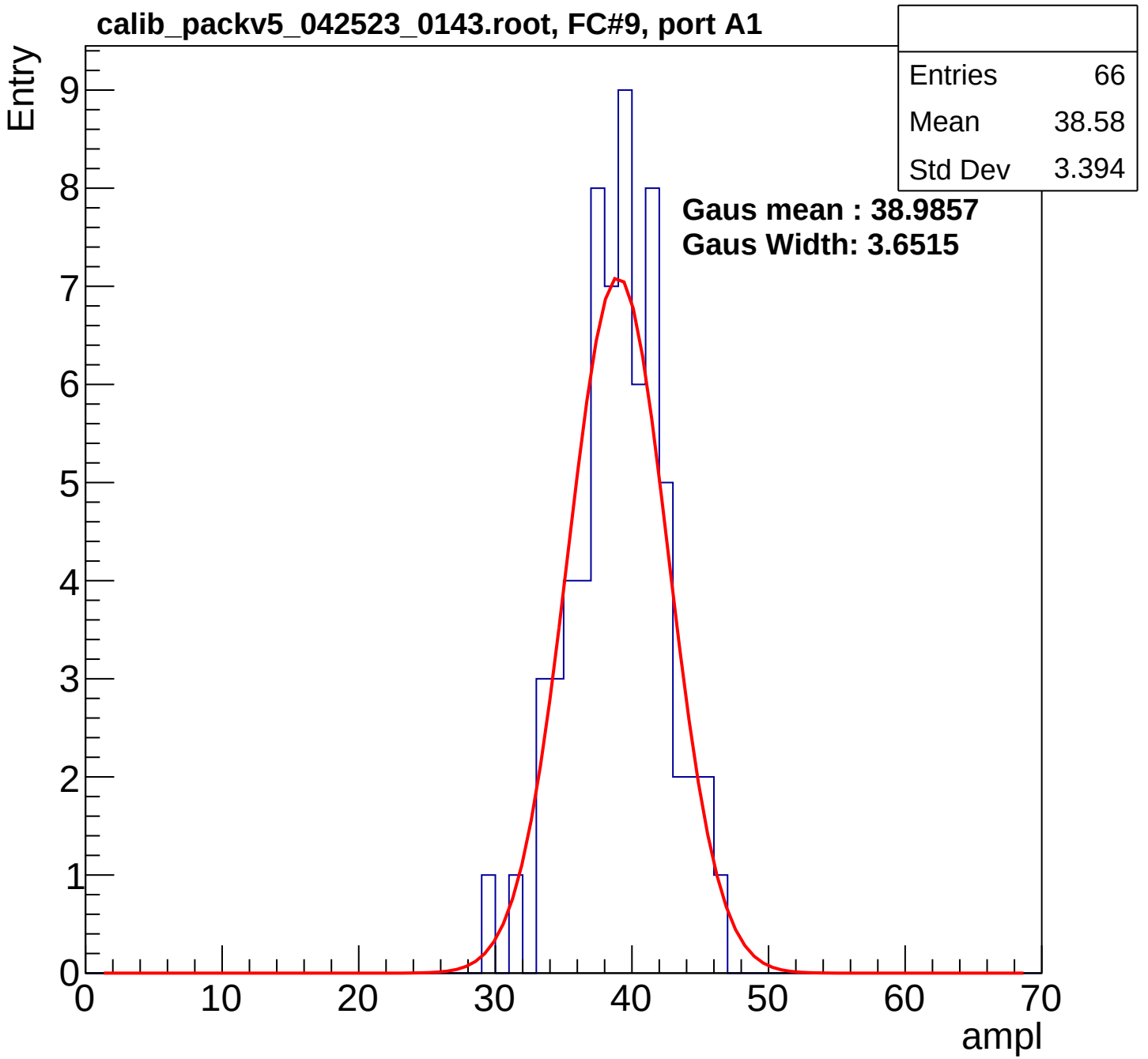
B0L001S, U10-ch77, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 38.58
Std Dev 3.394
Gaus mean : 38.9857
Gaus Width: 3.6515
Entry
ampl
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2
3
4
5
6
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0
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60
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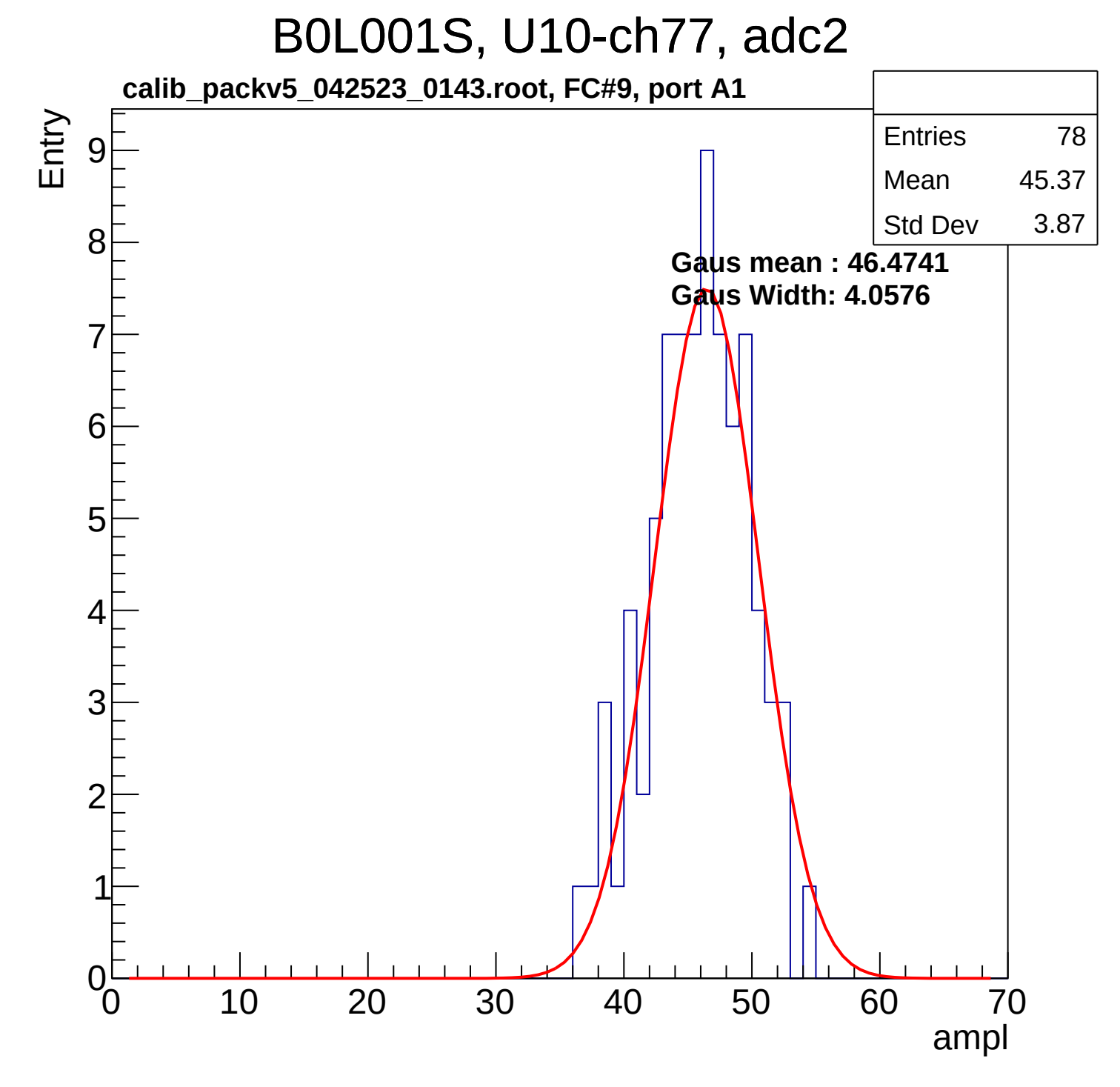
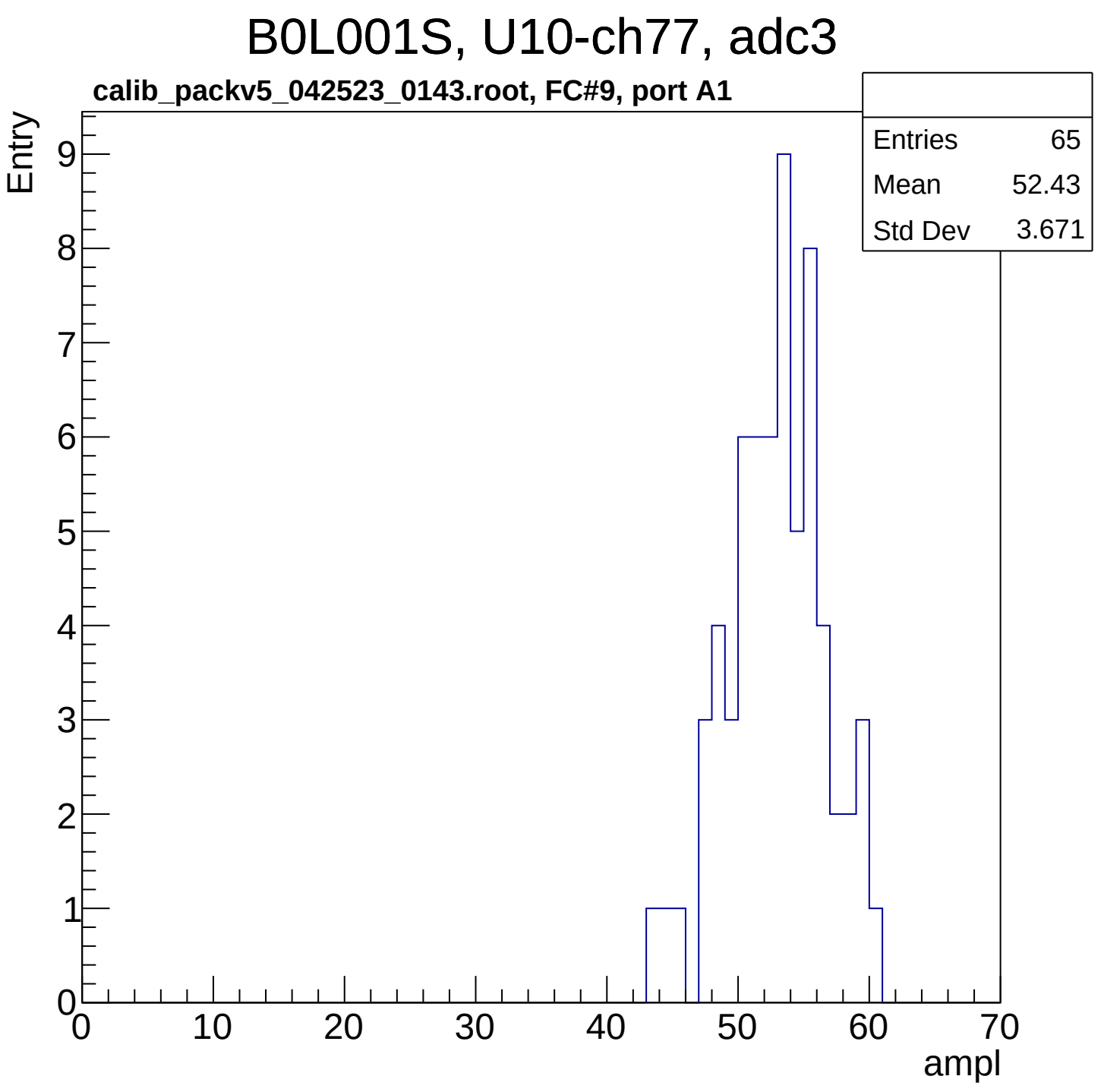

B0L001S, U10-ch77, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 45.37
Std Dev 3.87
Gaus mean : 46.4741
Gaus Width: 4.0576
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch77, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 52.43
Std Dev 3.671
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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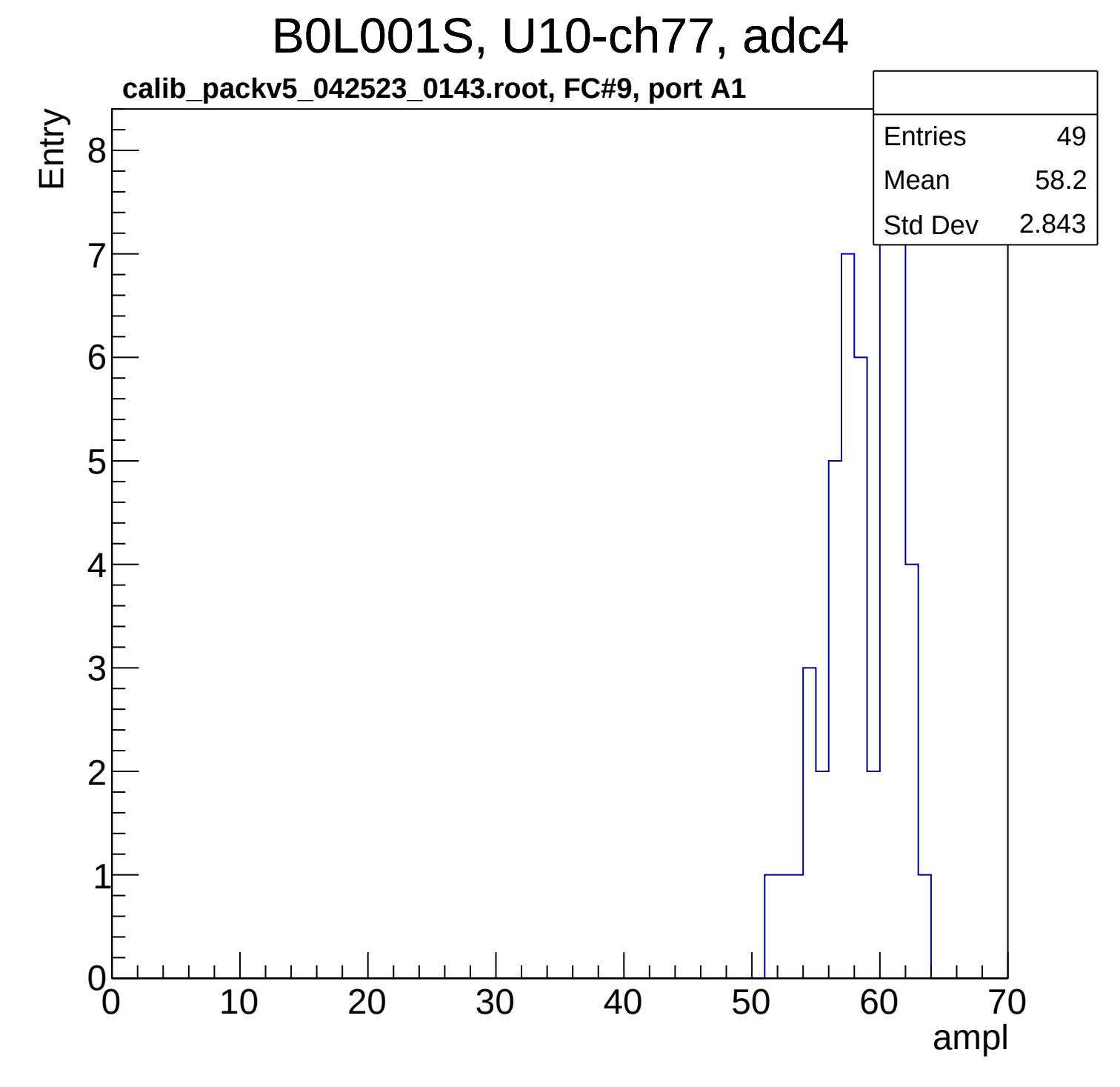
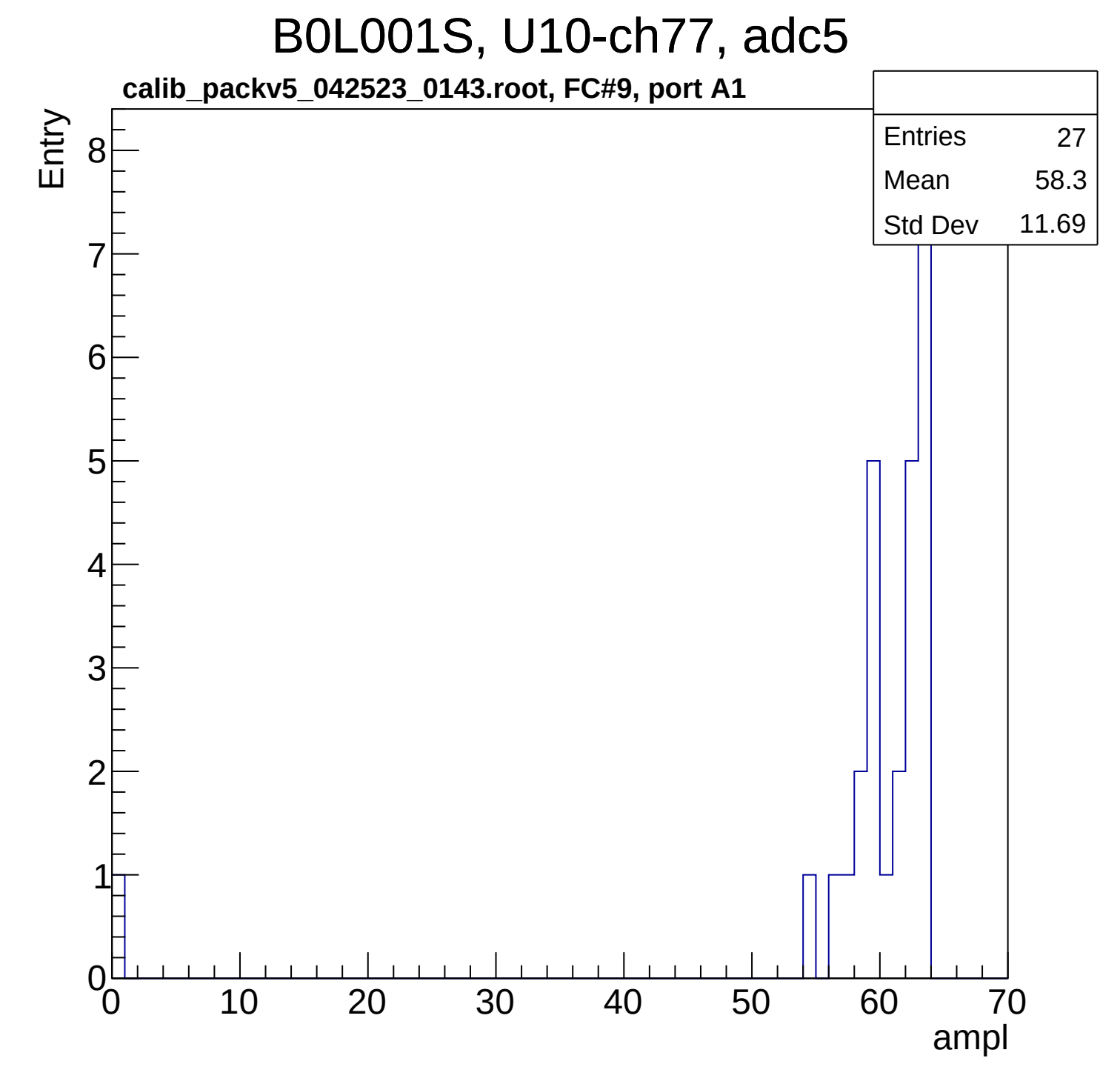

B0L001S, U10-ch77, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 58.2
Std Dev 2.843
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch77, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.3
Std Dev 11.69
Entry
ampl
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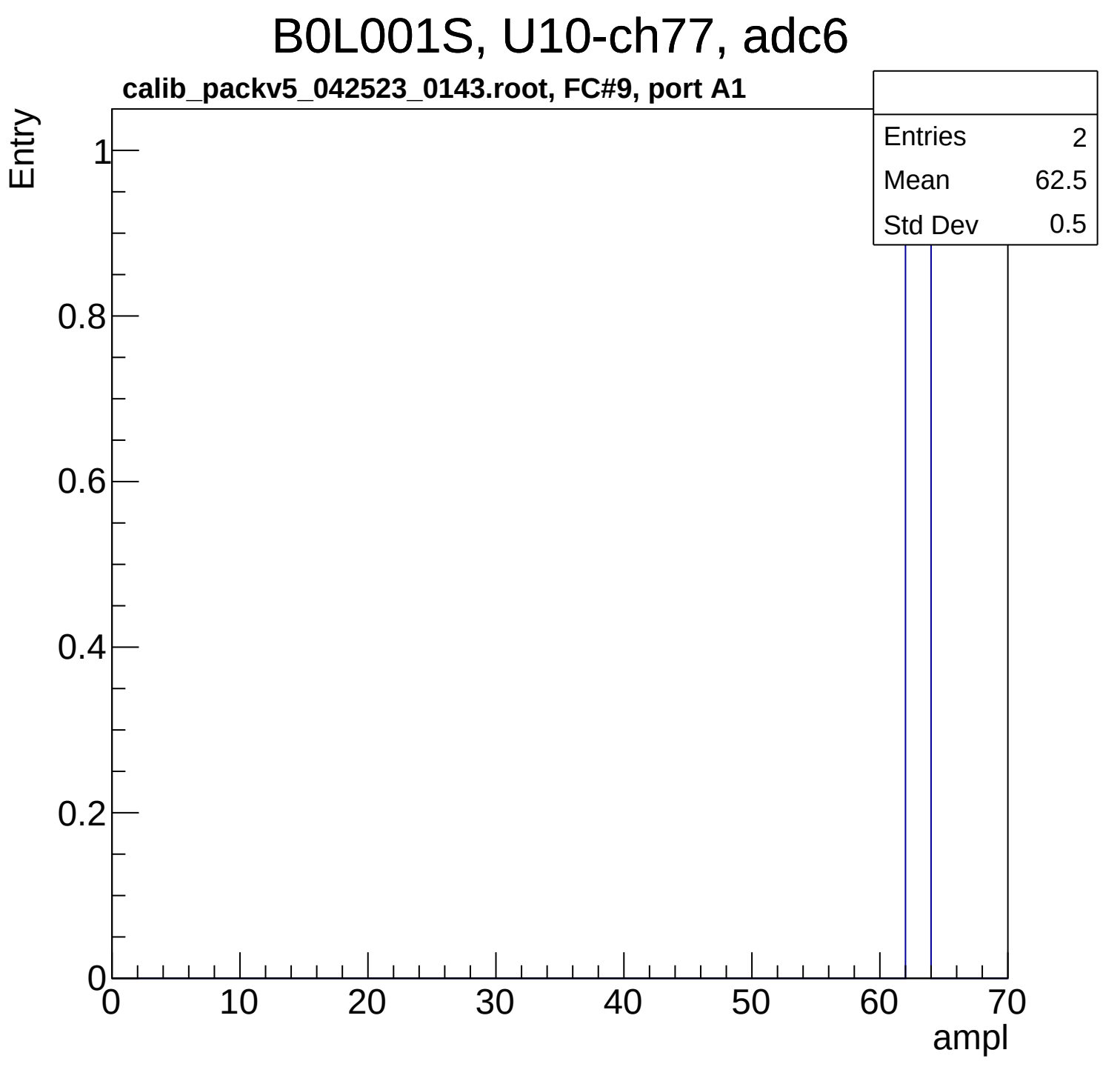
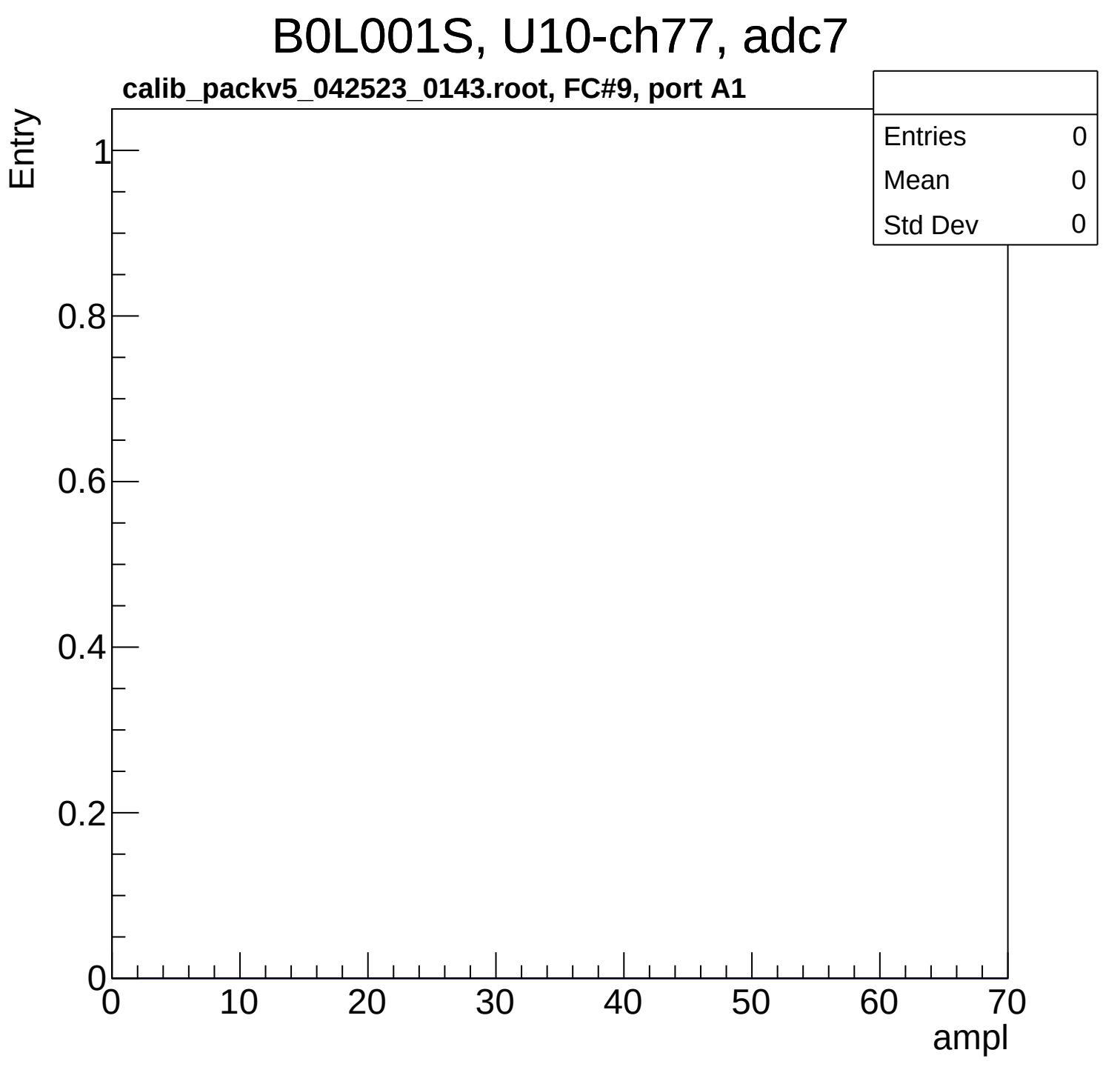
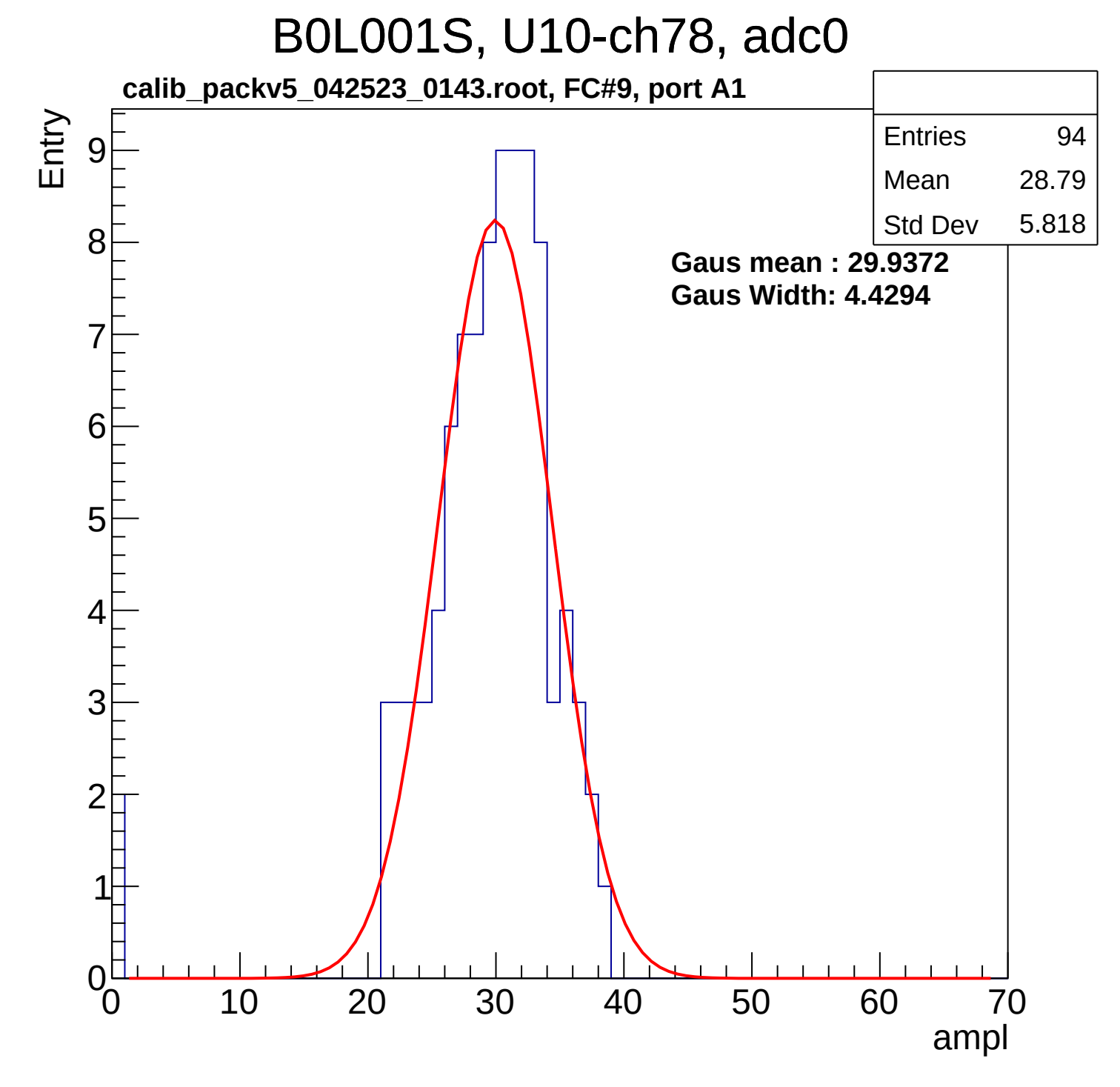
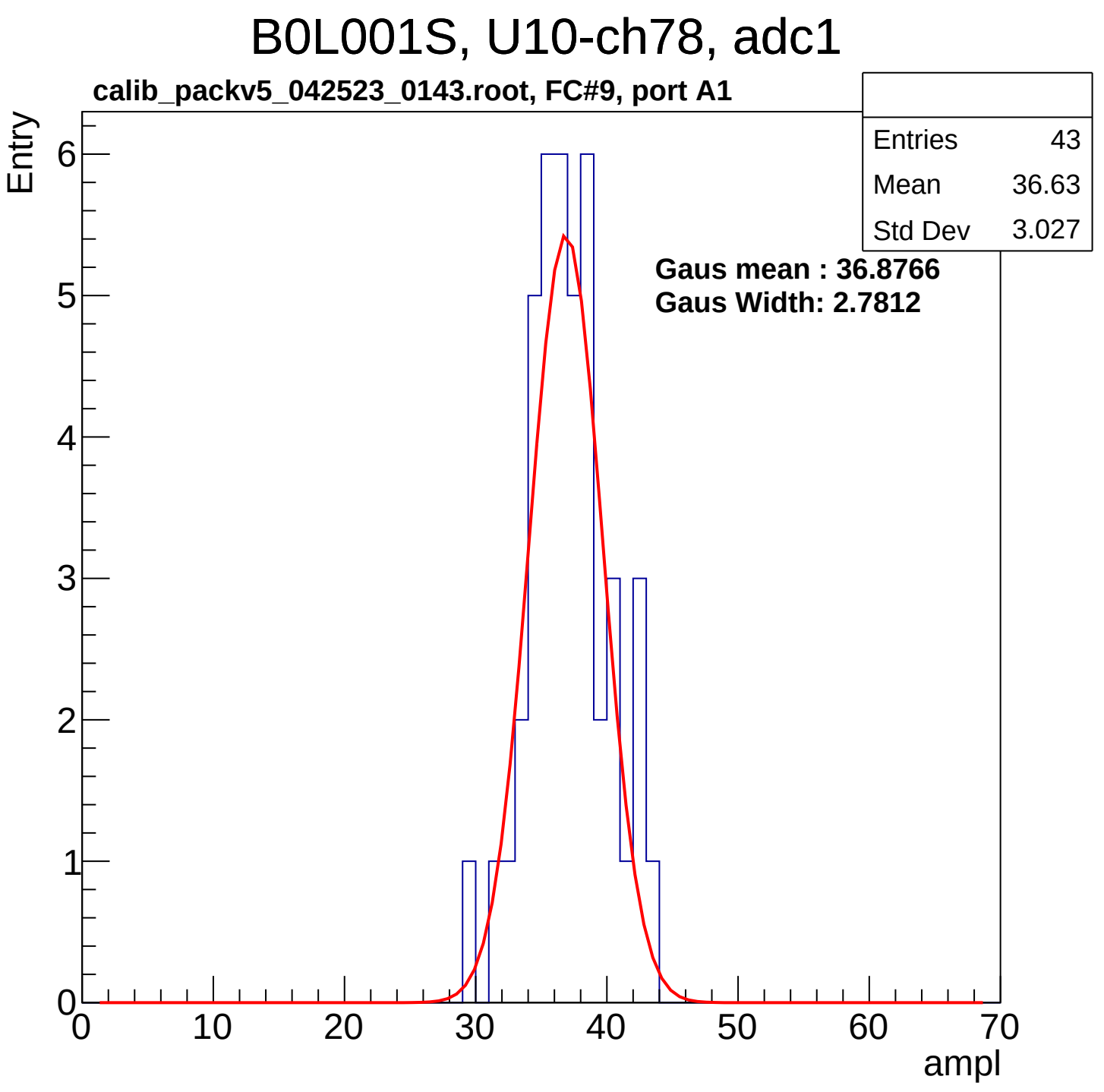
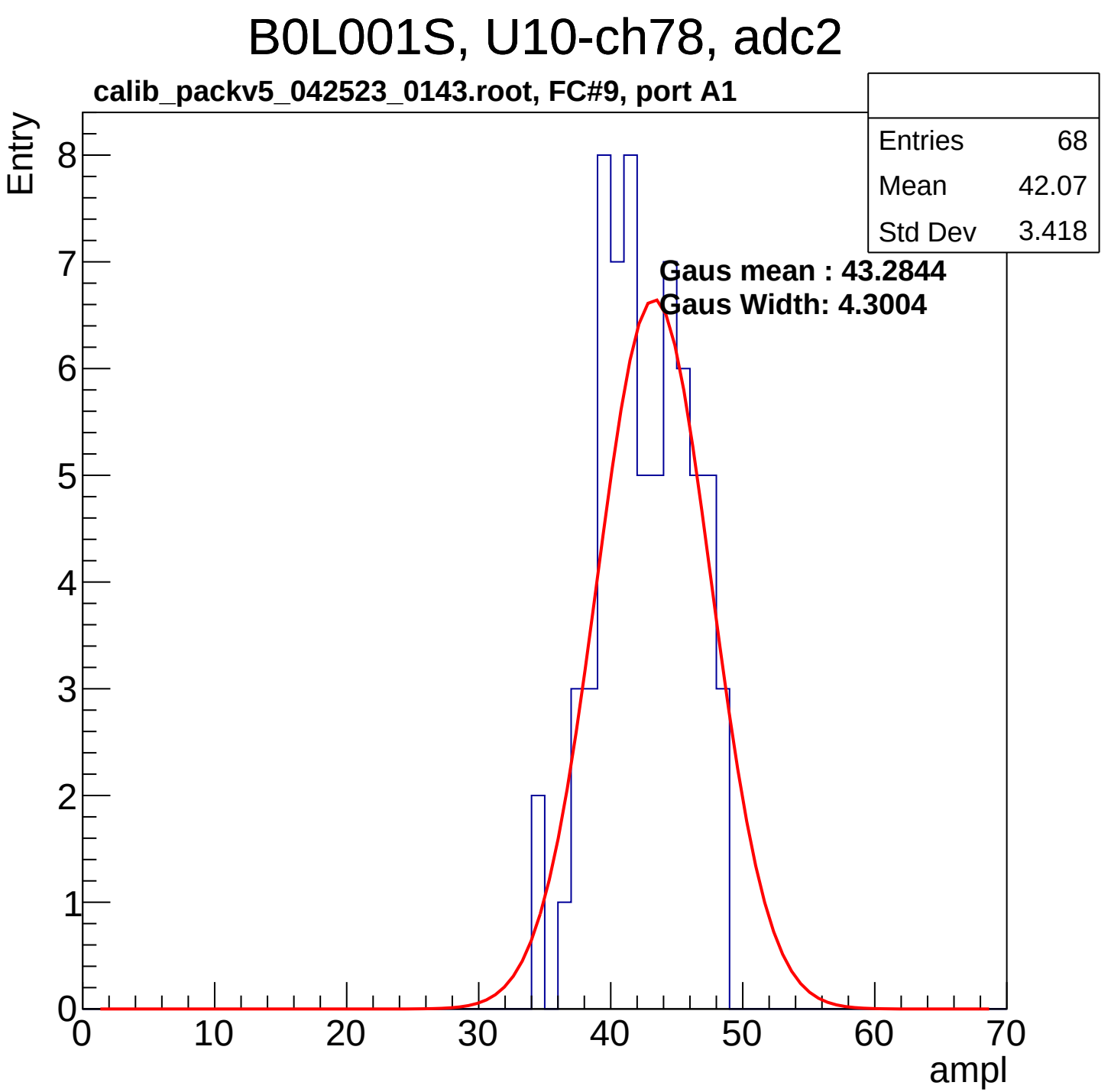
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

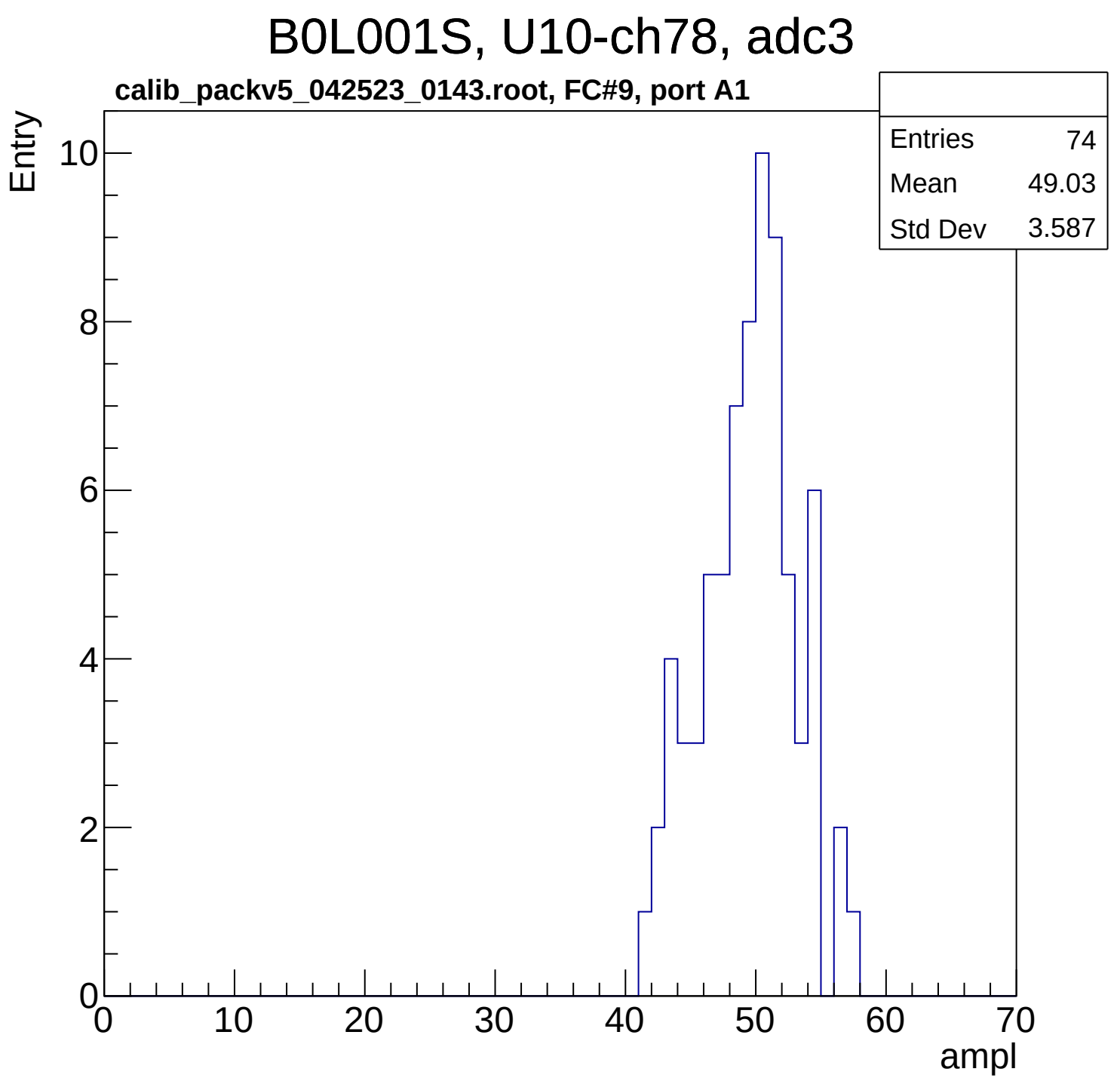

B0L001S, U10-ch77, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

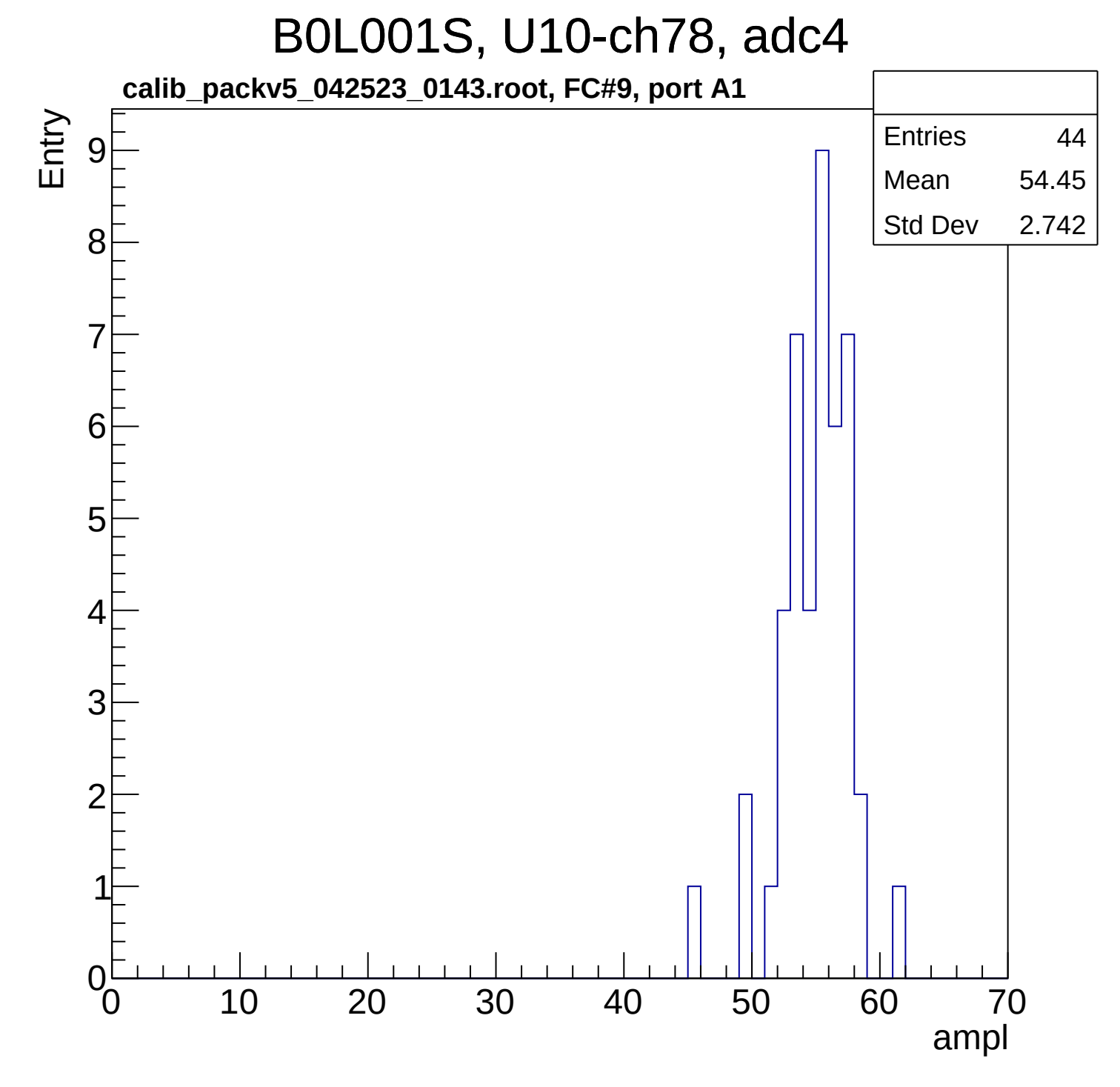

B0L001S, U10-ch77, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

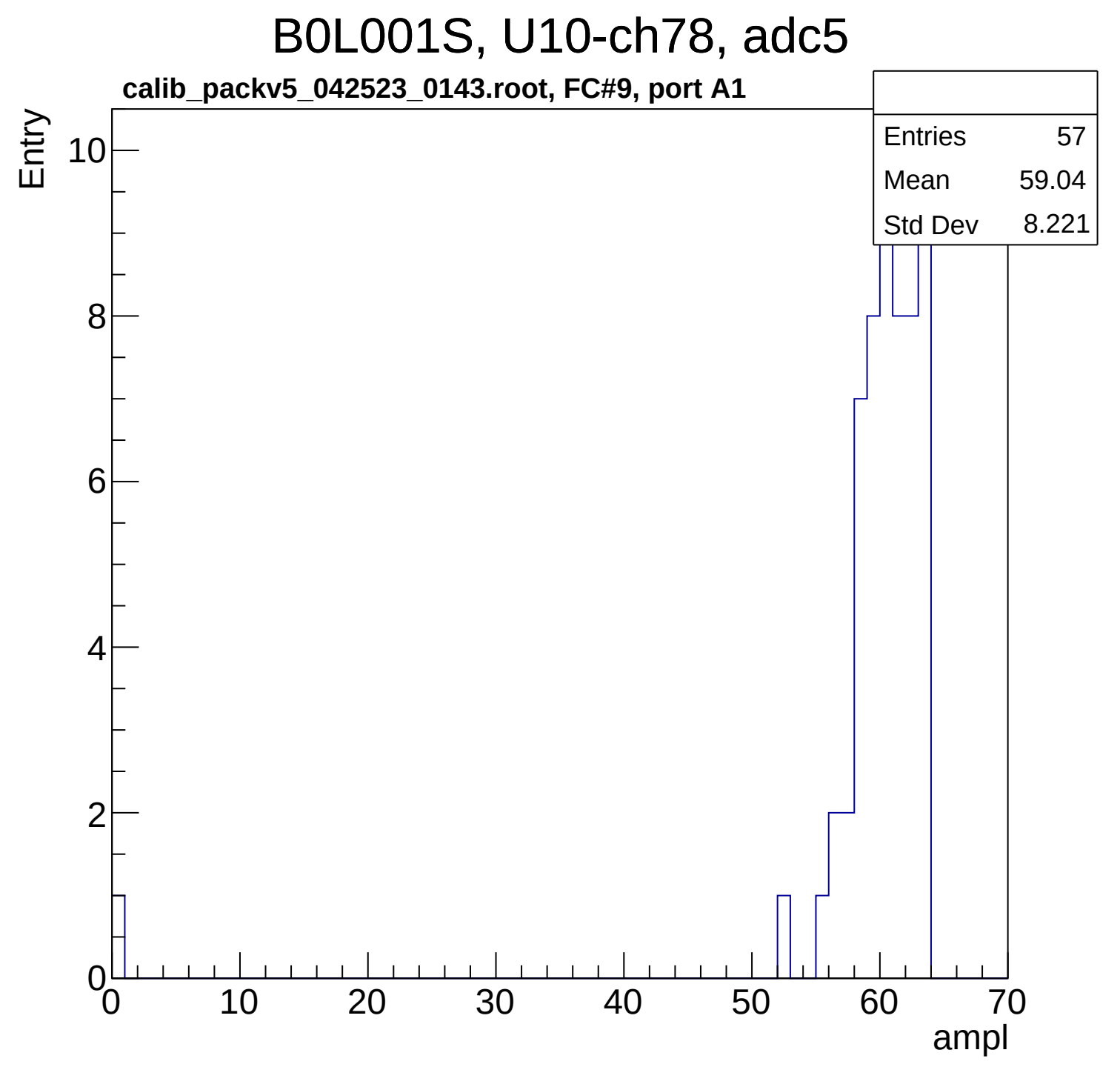

B0L001S, U10-ch78, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 94
Mean 28.79
Std Dev 5.818
Gaus mean : 29.9372
Gaus Width: 4.4294
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

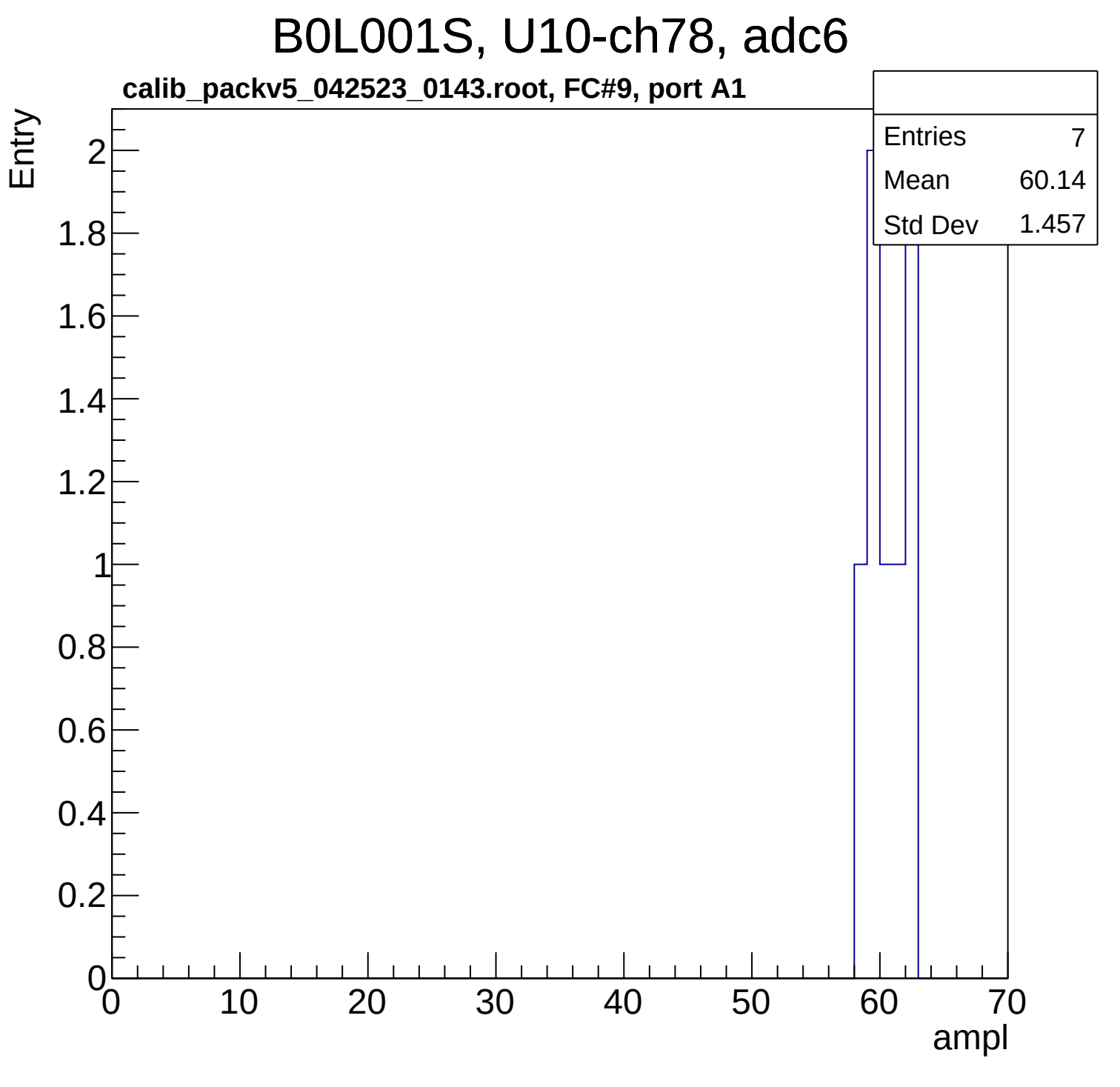

B0L001S, U10-ch78, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 36.63
Std Dev 3.027
Gaus mean : 36.8766
Gaus Width: 2.7812
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

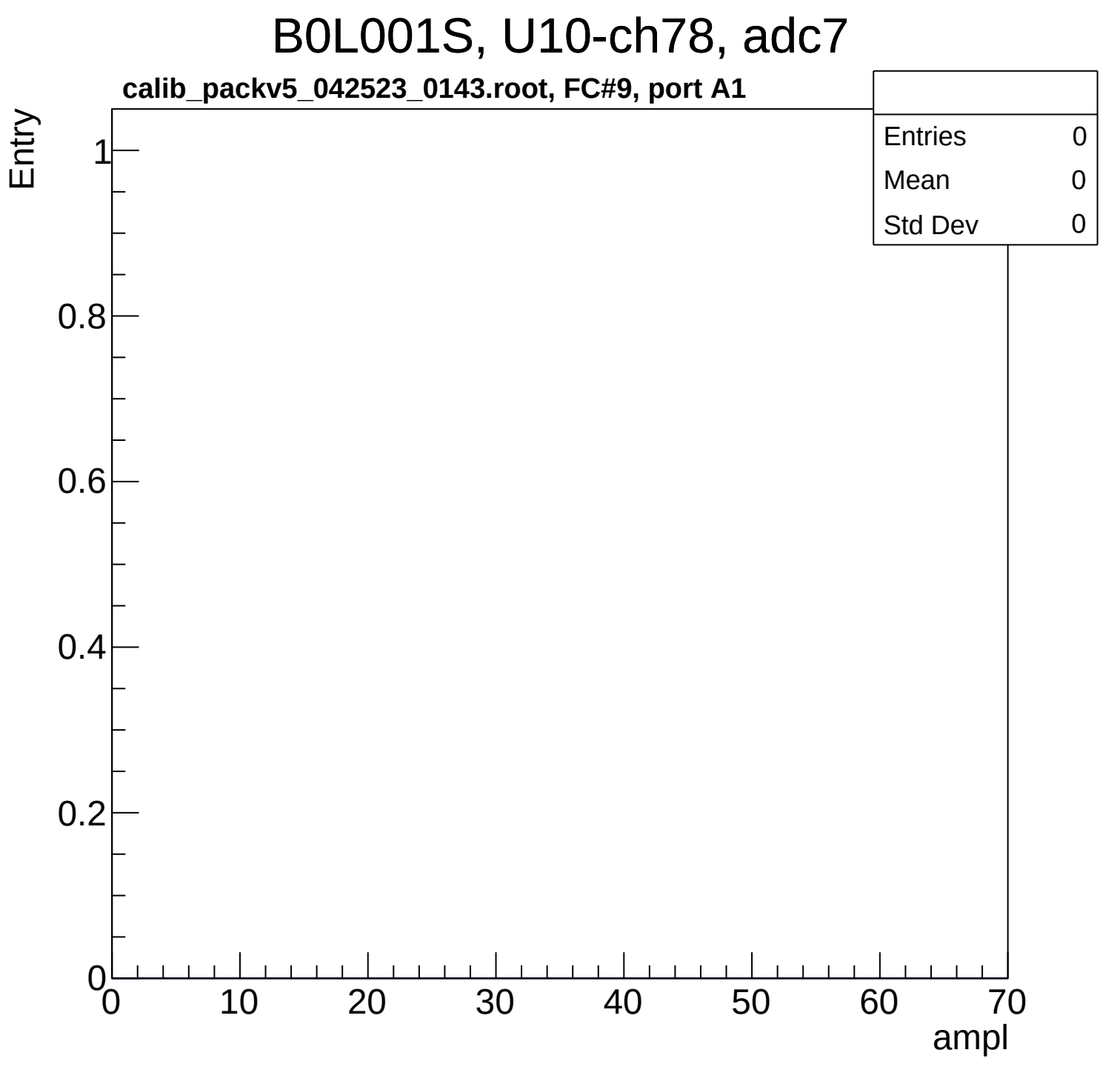

B0L001S, U10-ch78, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 42.07
Std Dev 3.418
Gaus mean : 43.2844
Gaus Width: 4.3004
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

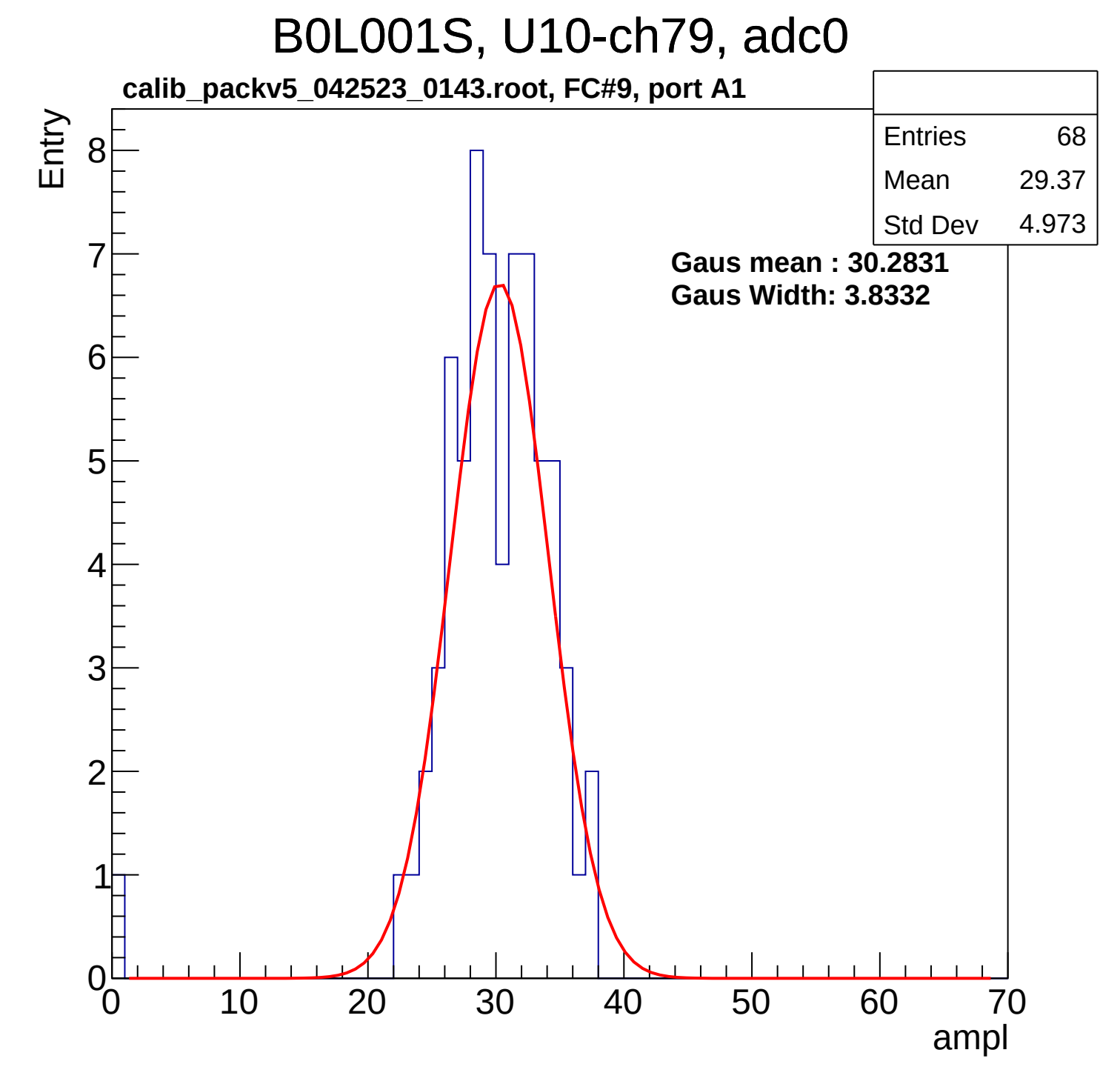

B0L001S, U10-ch78, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 49.03
Std Dev 3.587
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

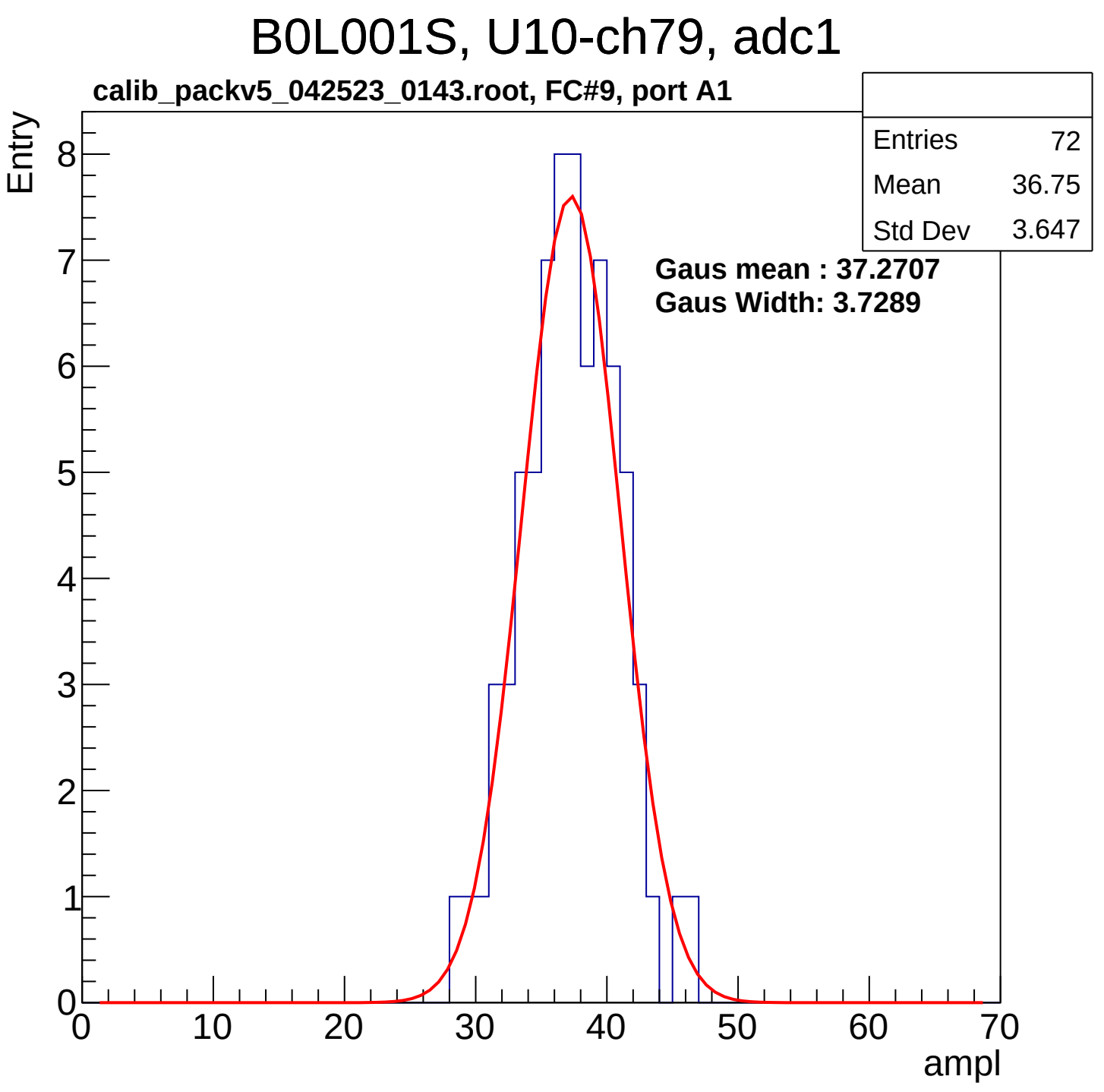

B0L001S, U10-ch78, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 54.45
Std Dev 2.742
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

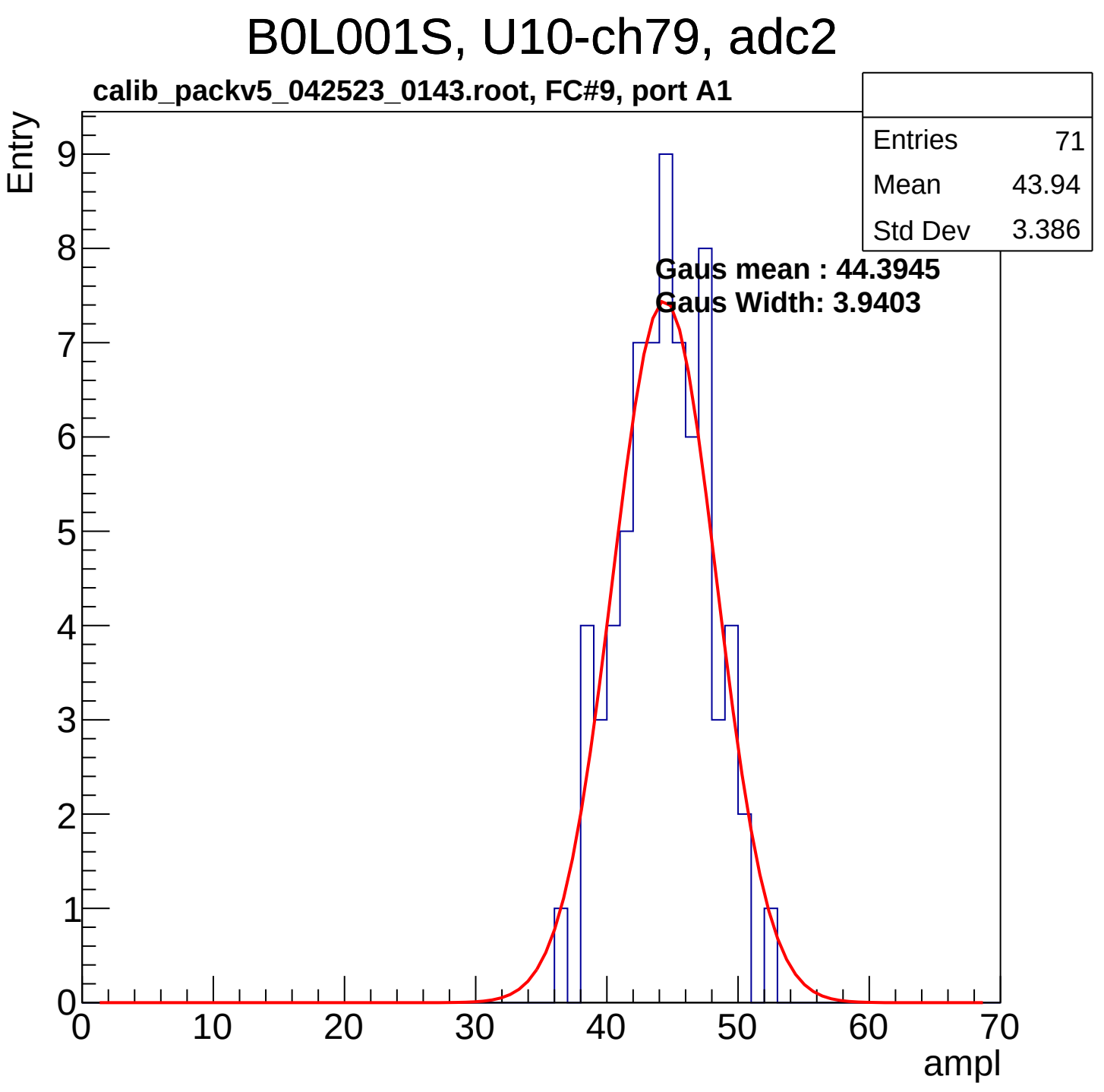

B0L001S, U10-ch78, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 59.04
Std Dev 8.221
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

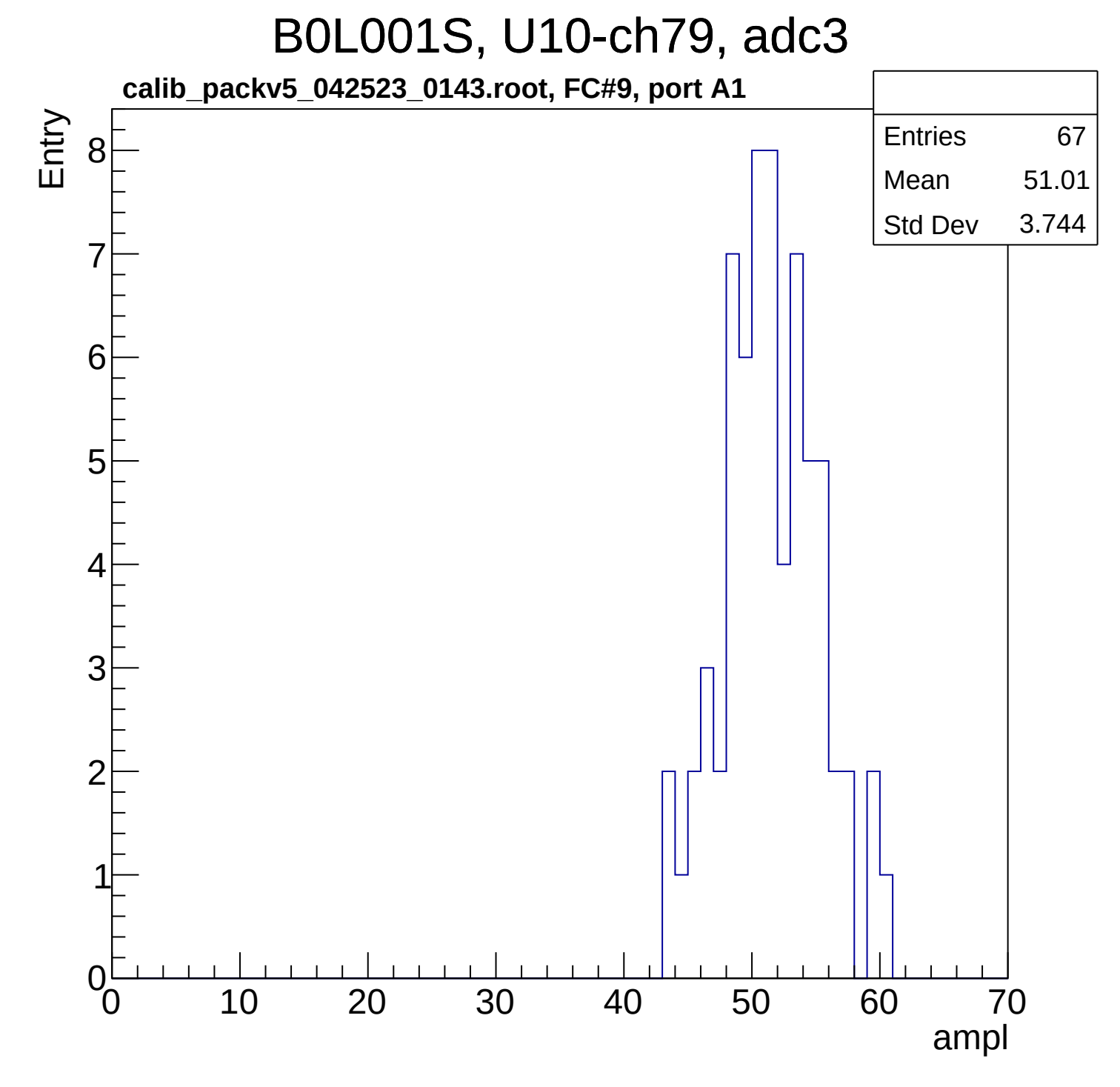

B0L001S, U10-ch78, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 60.14
Std Dev 1.457
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

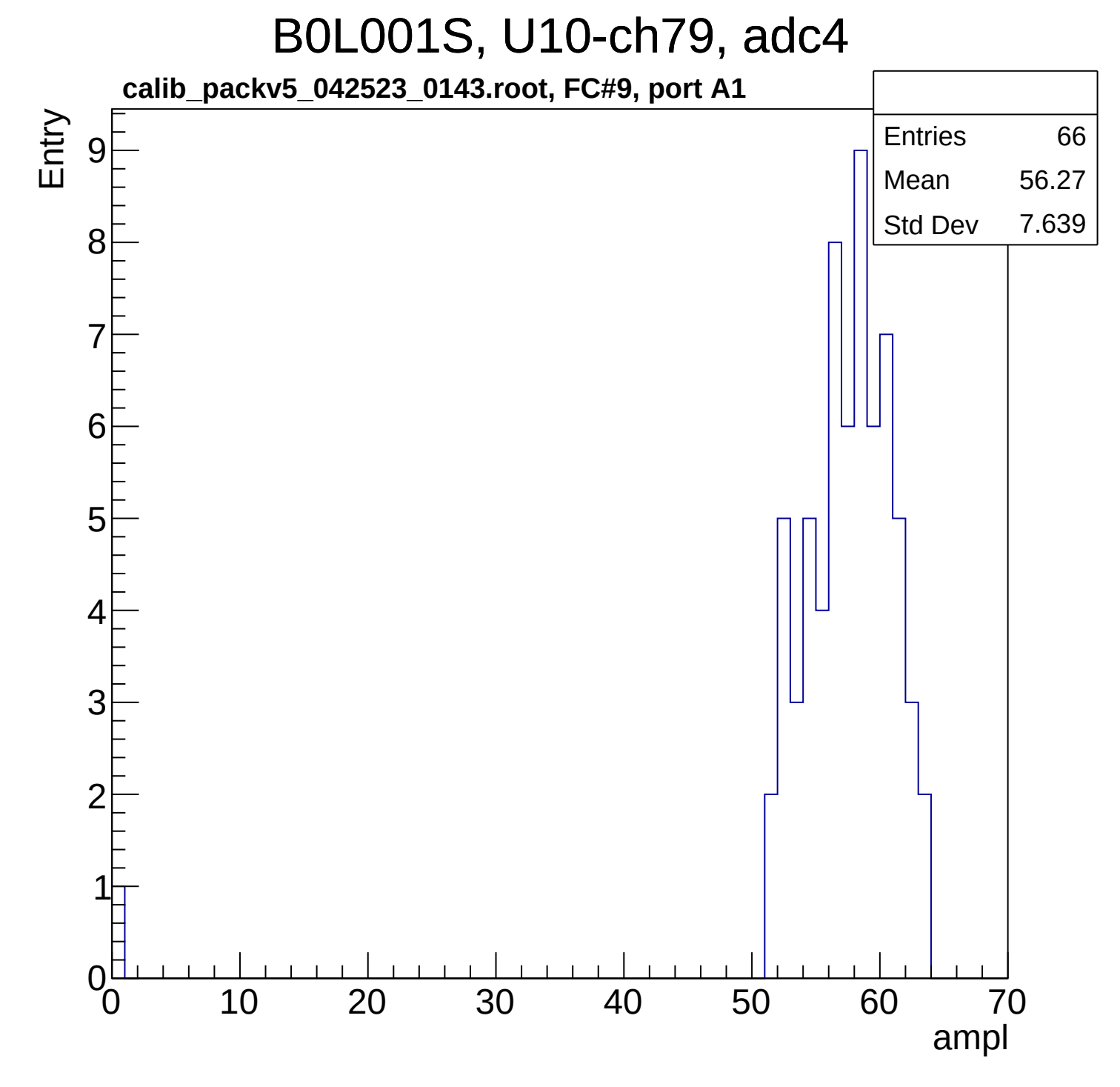

B0L001S, U10-ch78, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch79, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 29.37
Std Dev 4.973
Gaus mean : 30.2831
Gaus Width: 3.8332
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch79, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 36.75
Std Dev 3.647
Gaus mean : 37.2707
Gaus Width: 3.7289
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch79, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 43.94
Std Dev 3.386
Gaus mean : 44.3945
Gaus Width: 3.9403
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch79, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 51.01
Std Dev 3.744
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch79, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 56.27
Std Dev 7.639
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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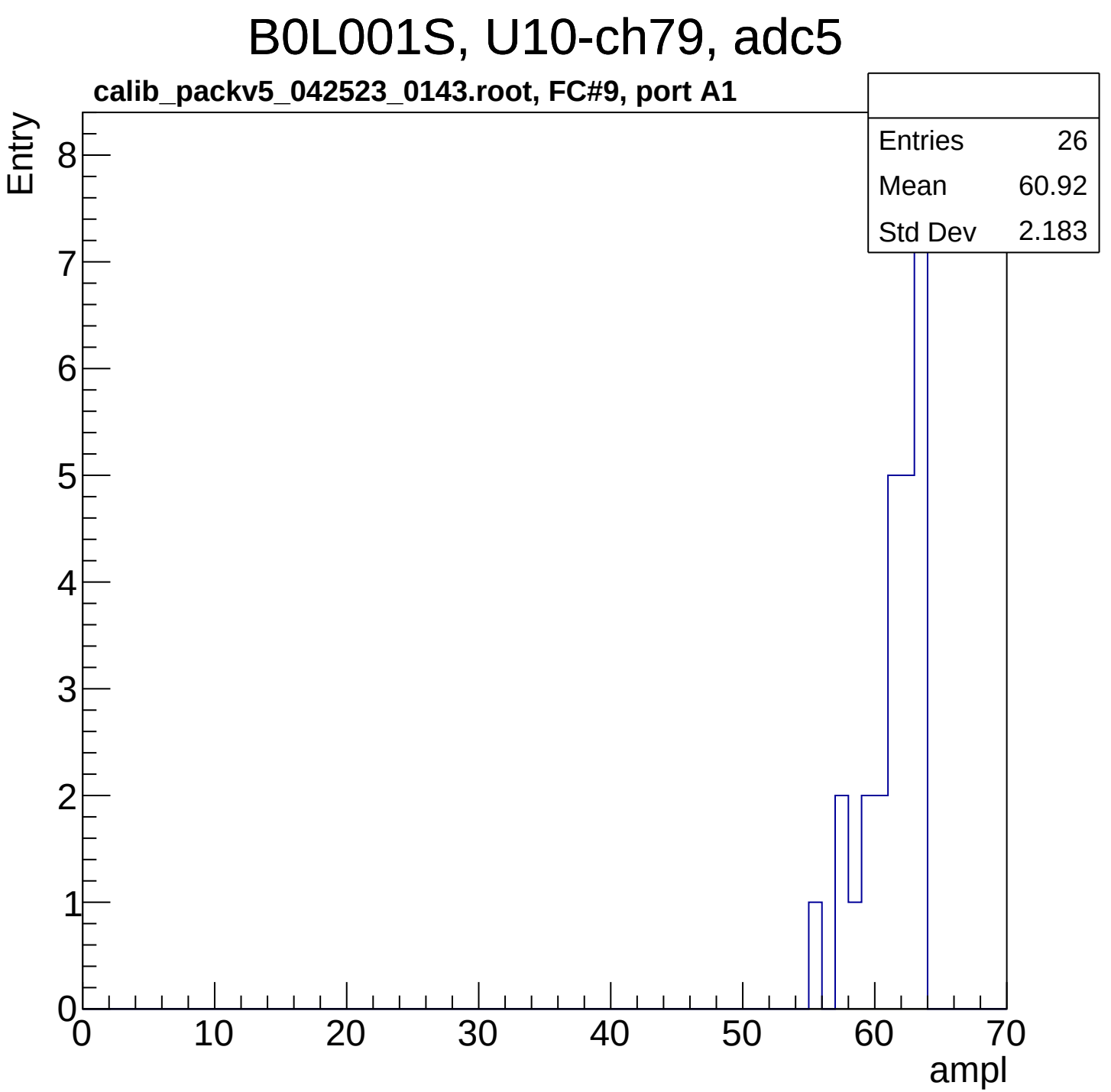
20
30
40
50
60
70


B0L001S, U10-ch79, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 60.92
Std Dev 2.183
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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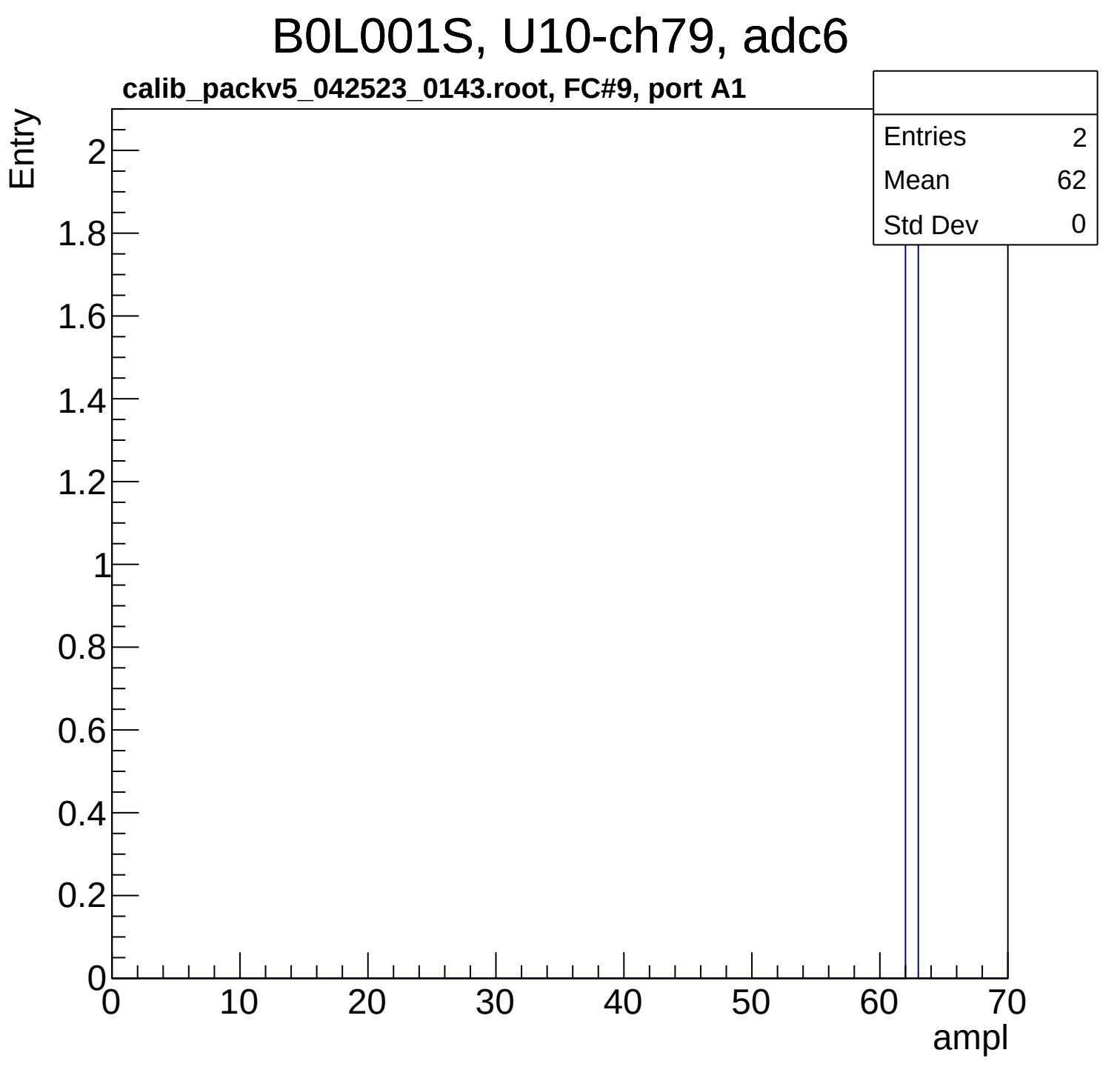
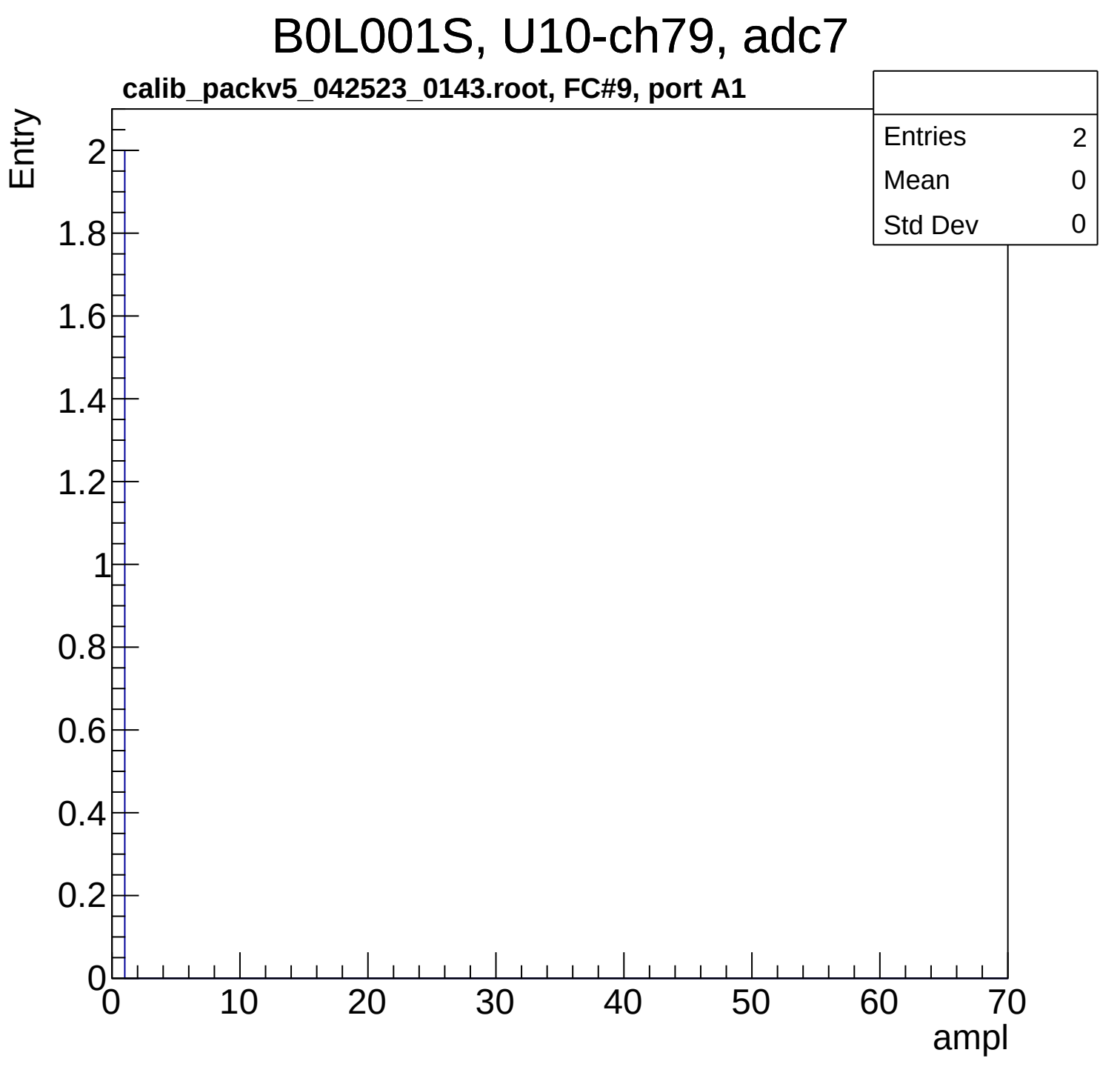
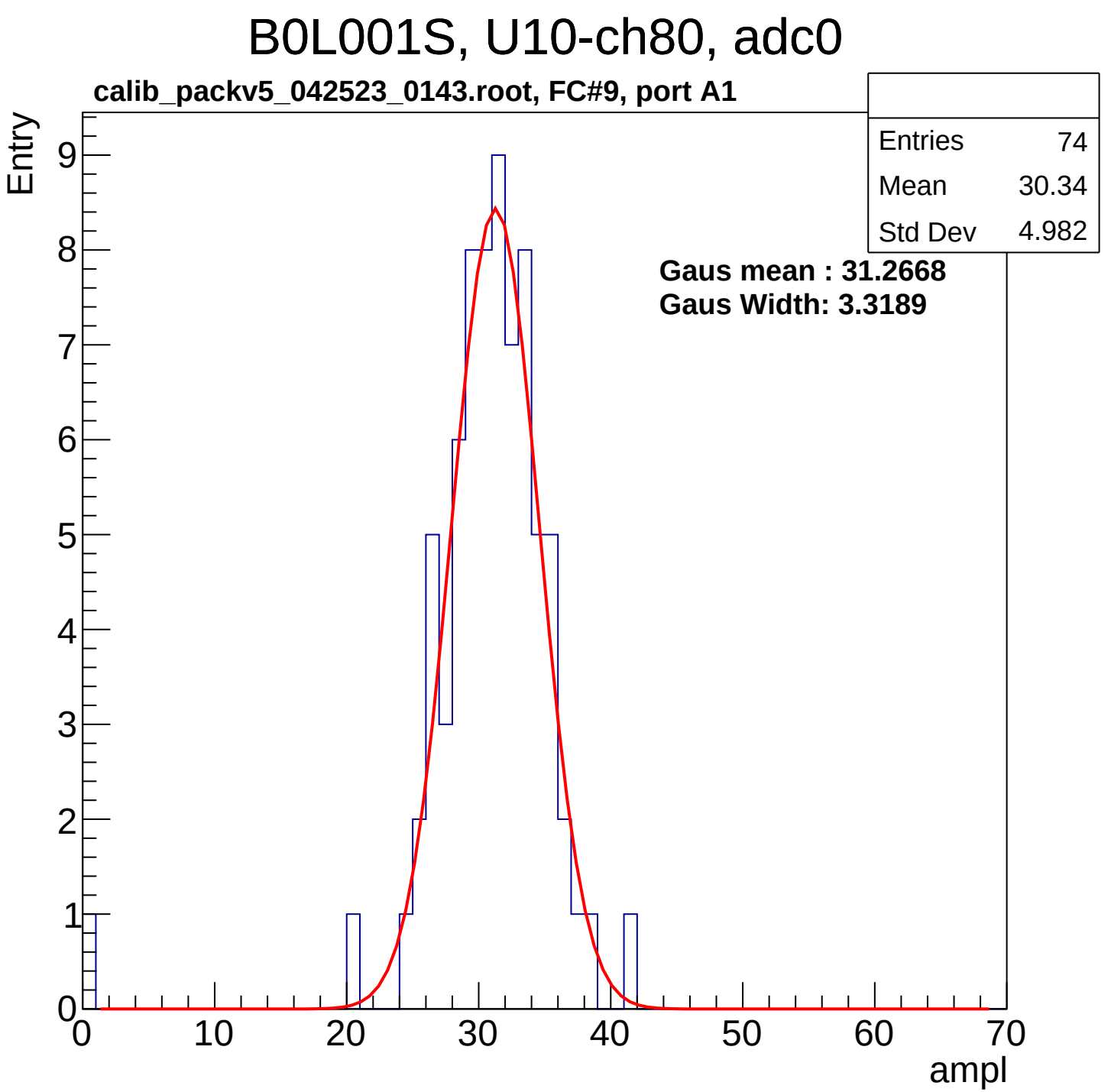
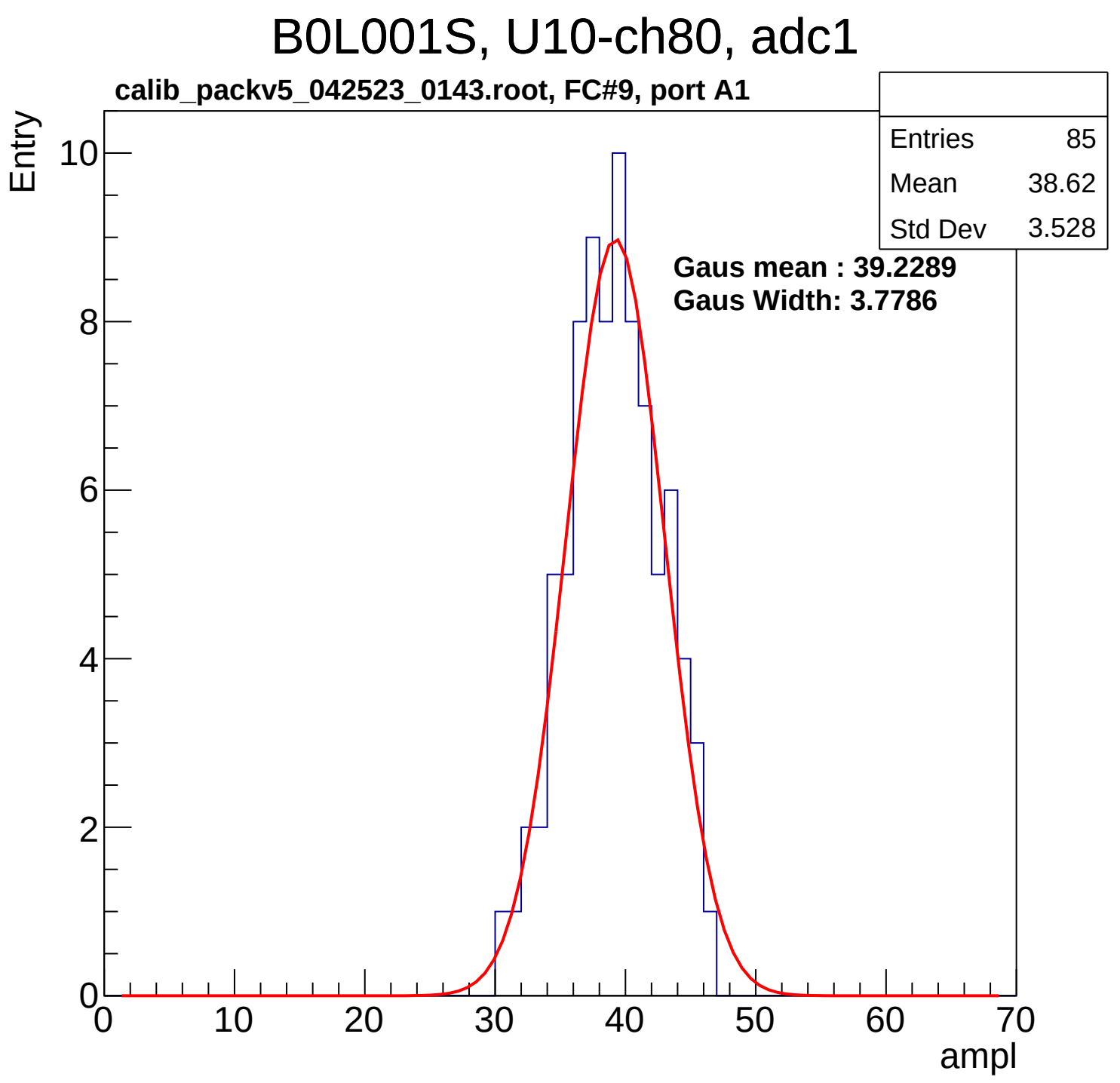
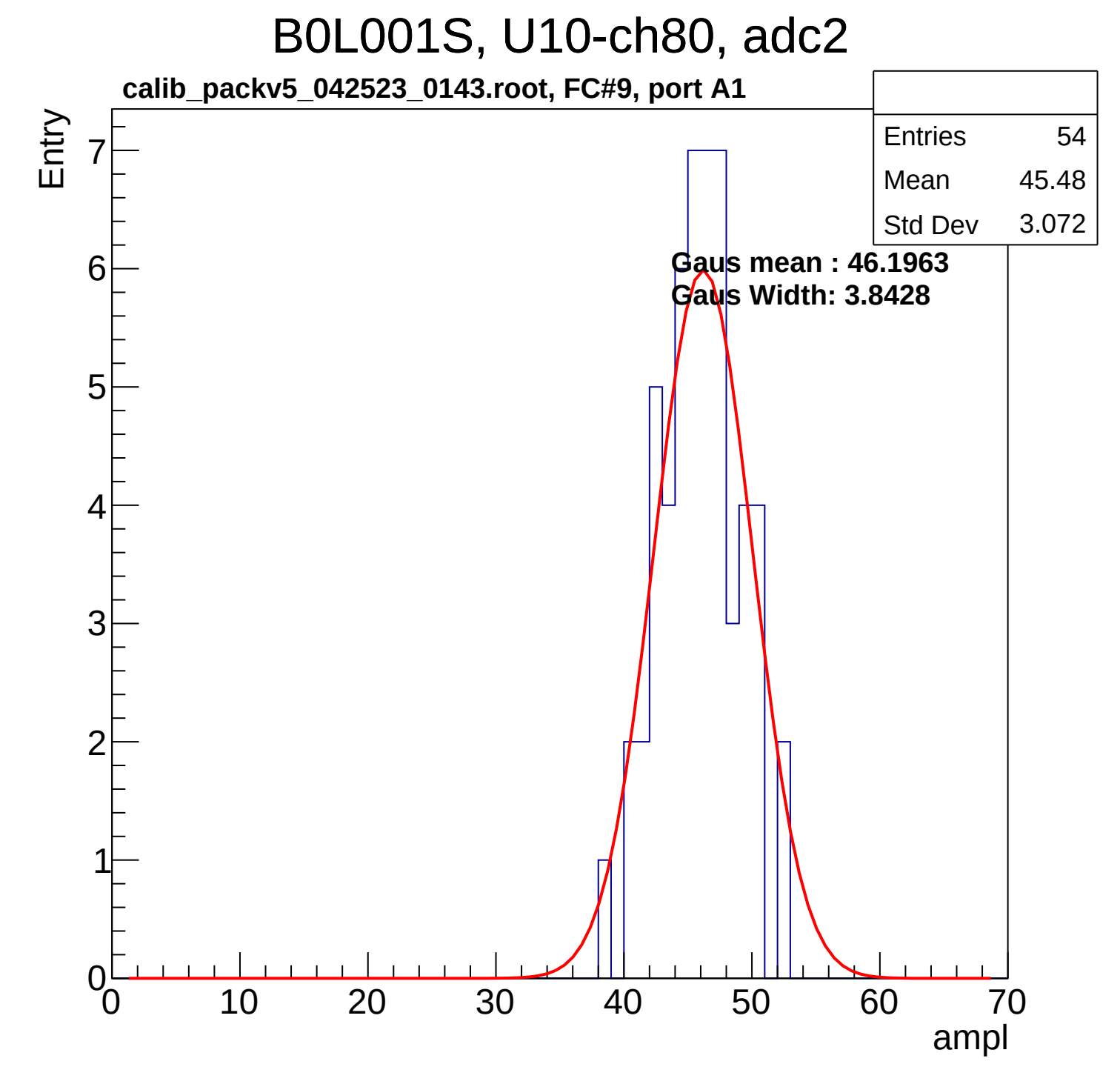
60
70


B0L001S, U10-ch79, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch79, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch80, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 30.34
Std Dev 4.982
Gaus mean : 31.2668
Gaus Width: 3.3189
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch80, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 85
Mean 38.62
Std Dev 3.528
Gaus mean : 39.2289
Gaus Width: 3.7786
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch80, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 45.48
Std Dev 3.072
Gaus mean : 46.1963
Gaus Width: 3.8428
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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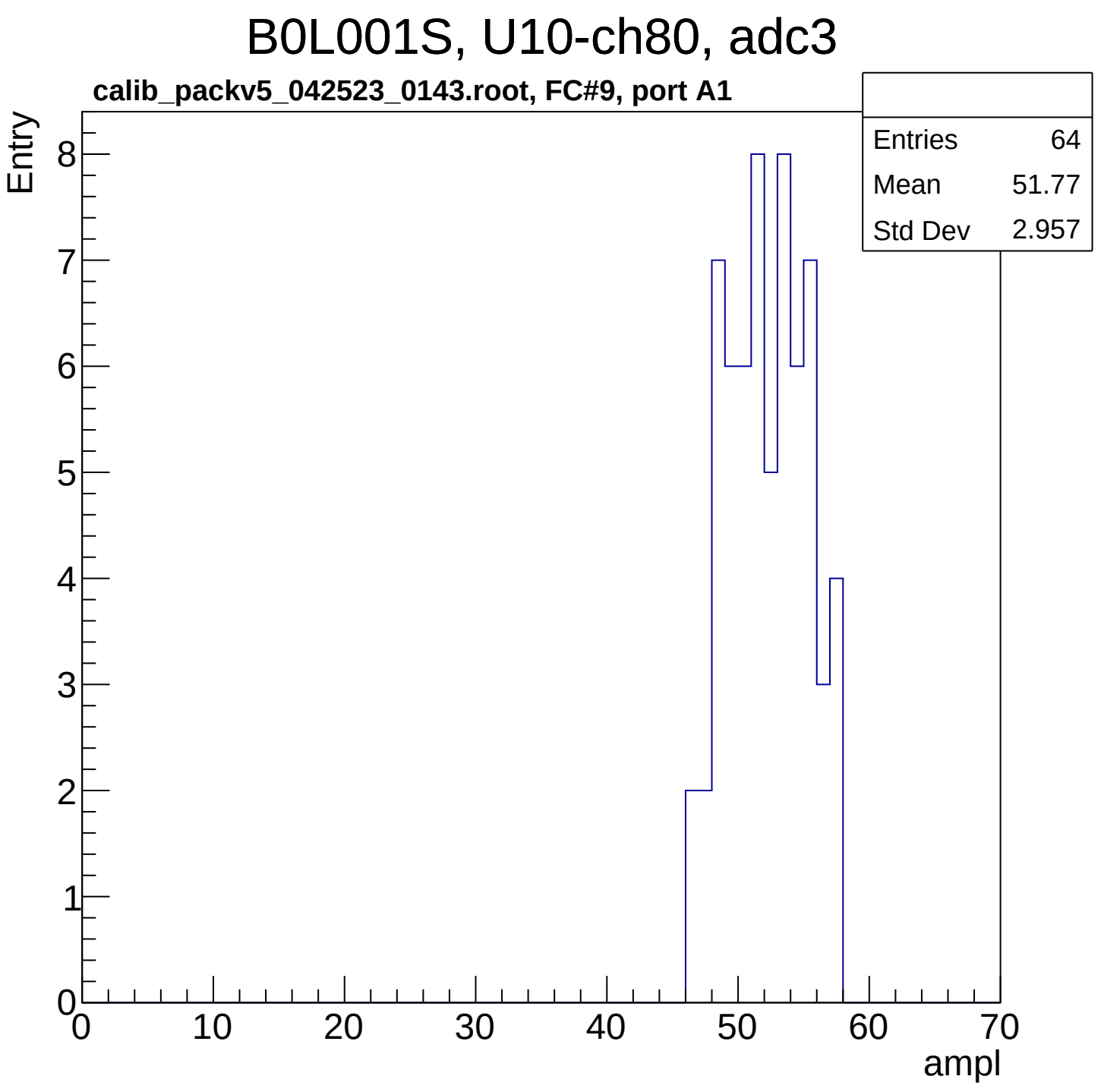
40
50
60
70


B0L001S, U10-ch80, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 51.77
Std Dev 2.957
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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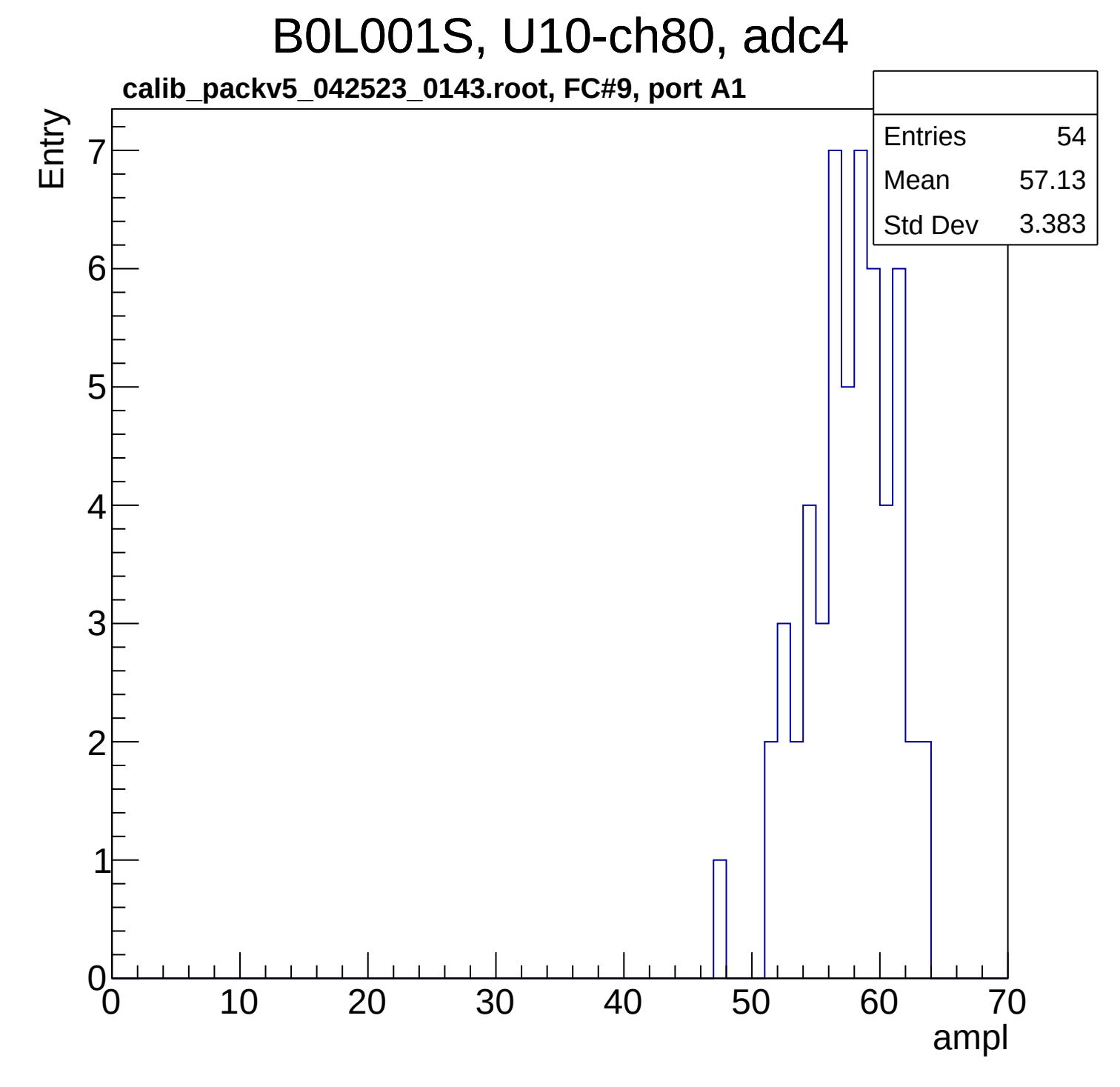
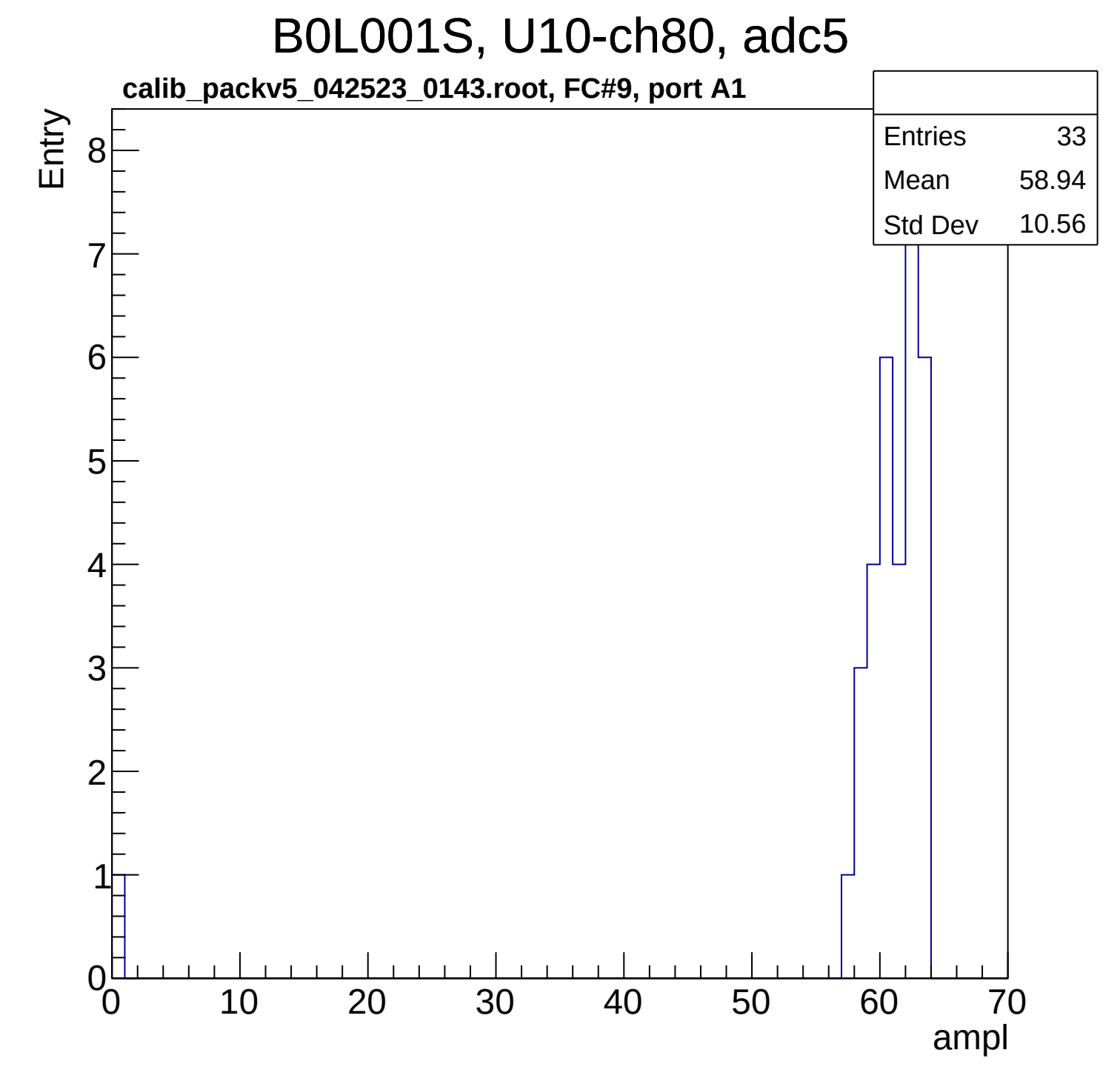
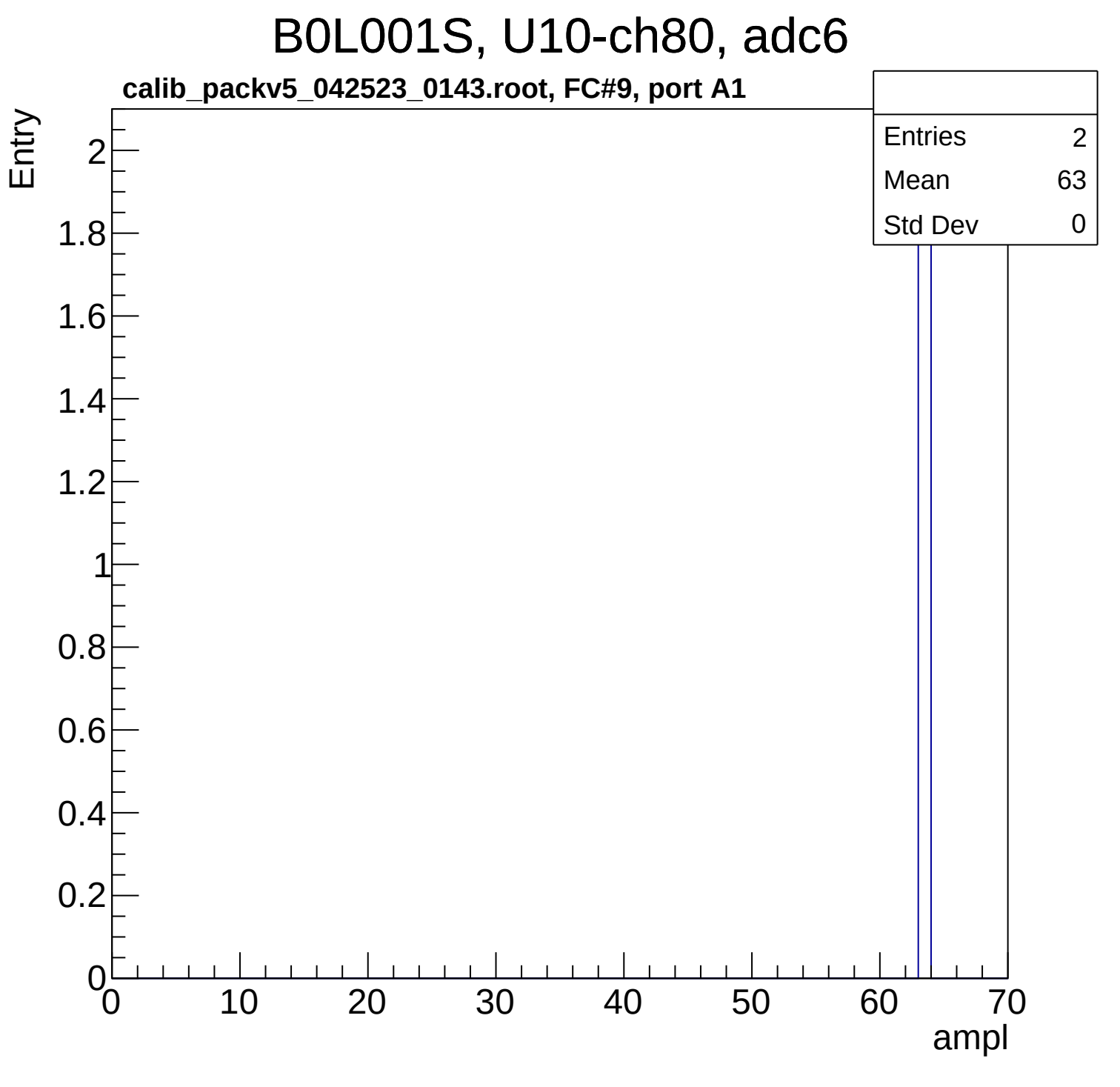

B0L001S, U10-ch80, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 57.13
Std Dev 3.383
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch80, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 58.94
Std Dev 10.56
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch80, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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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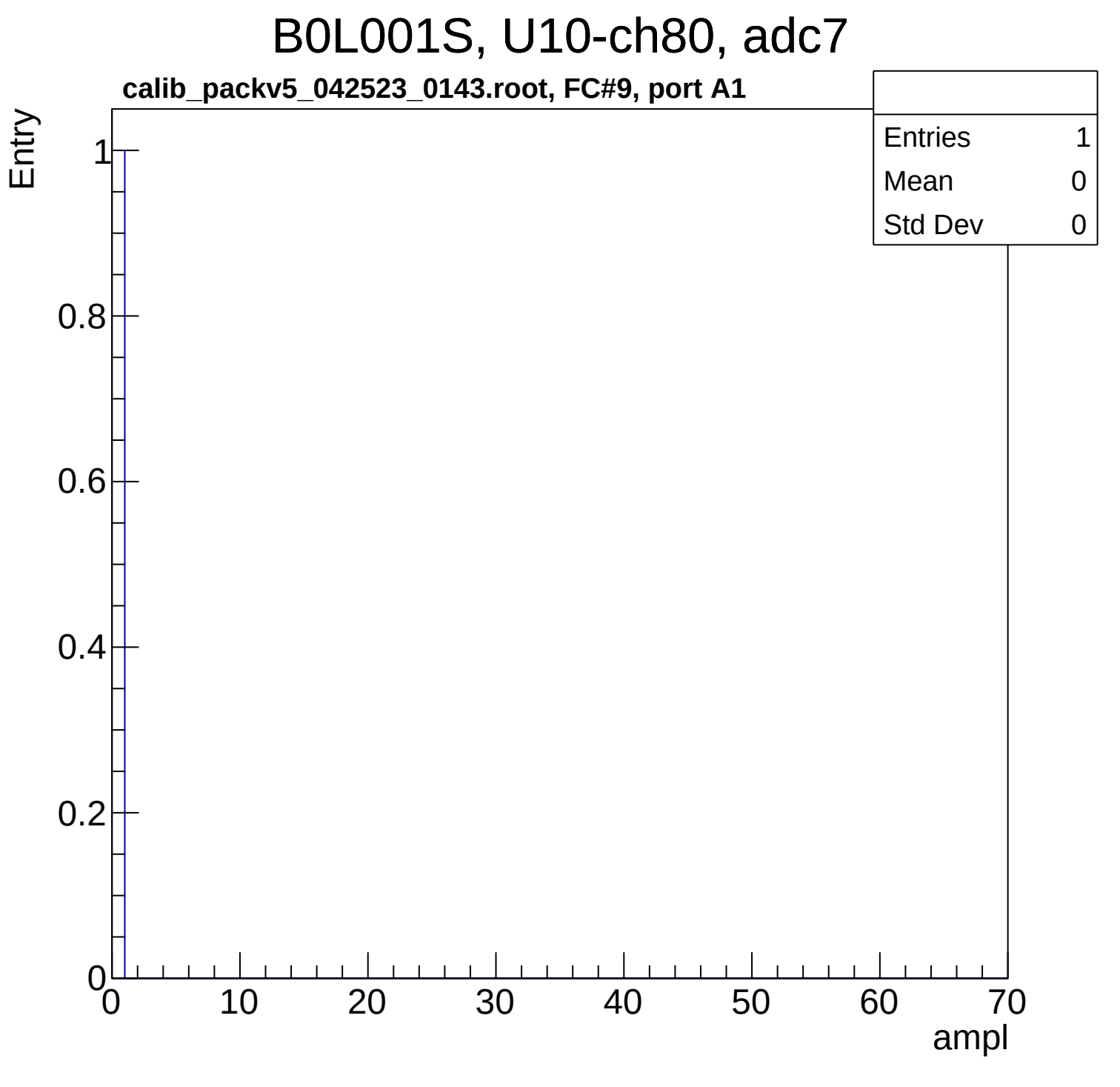
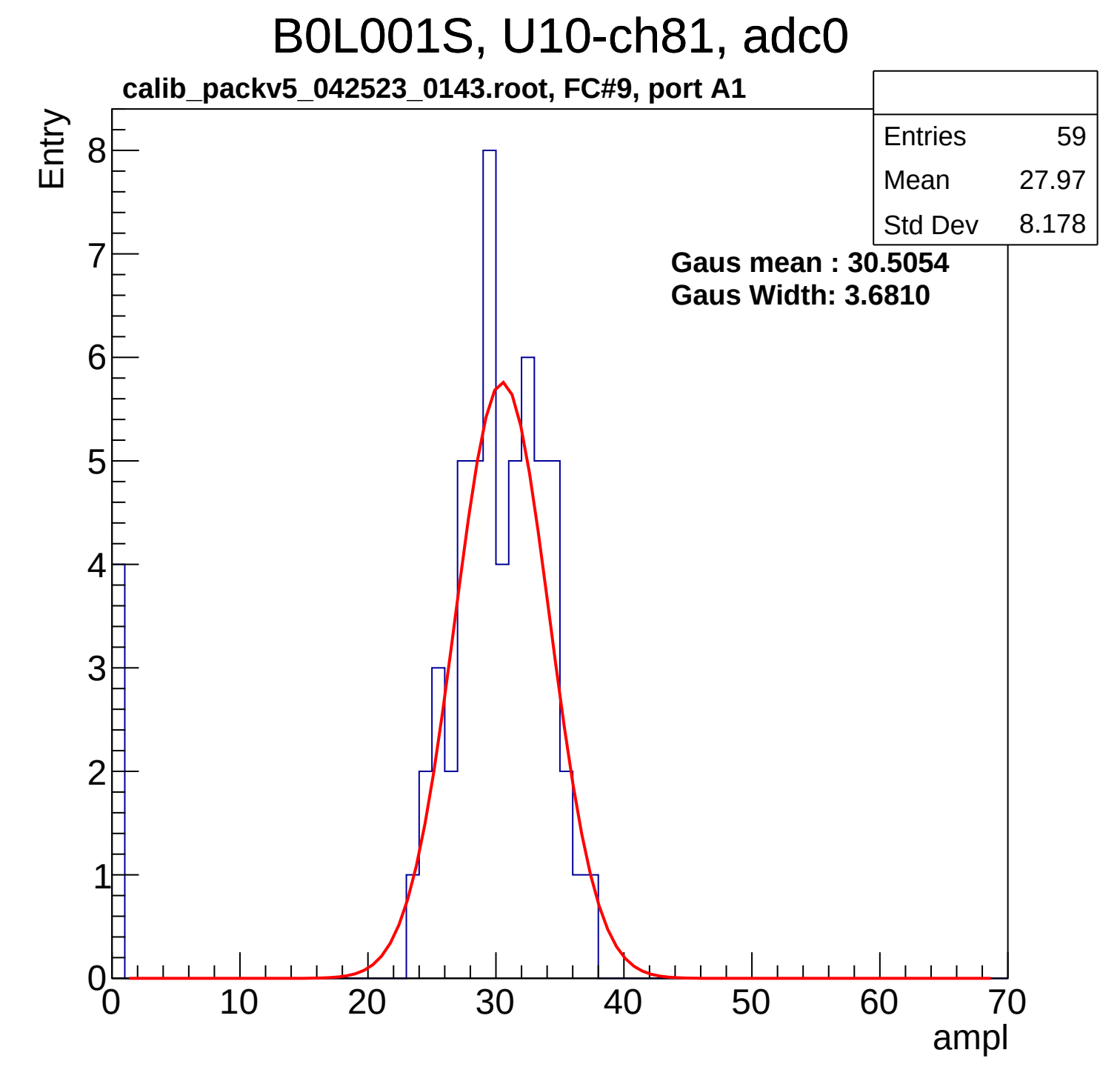

B0L001S, U10-ch80, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch81, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 27.97
Std Dev 8.178
Gaus mean : 30.5054
Gaus Width: 3.6810
Entry
ampl
0
1
2
3
4
5
6
7
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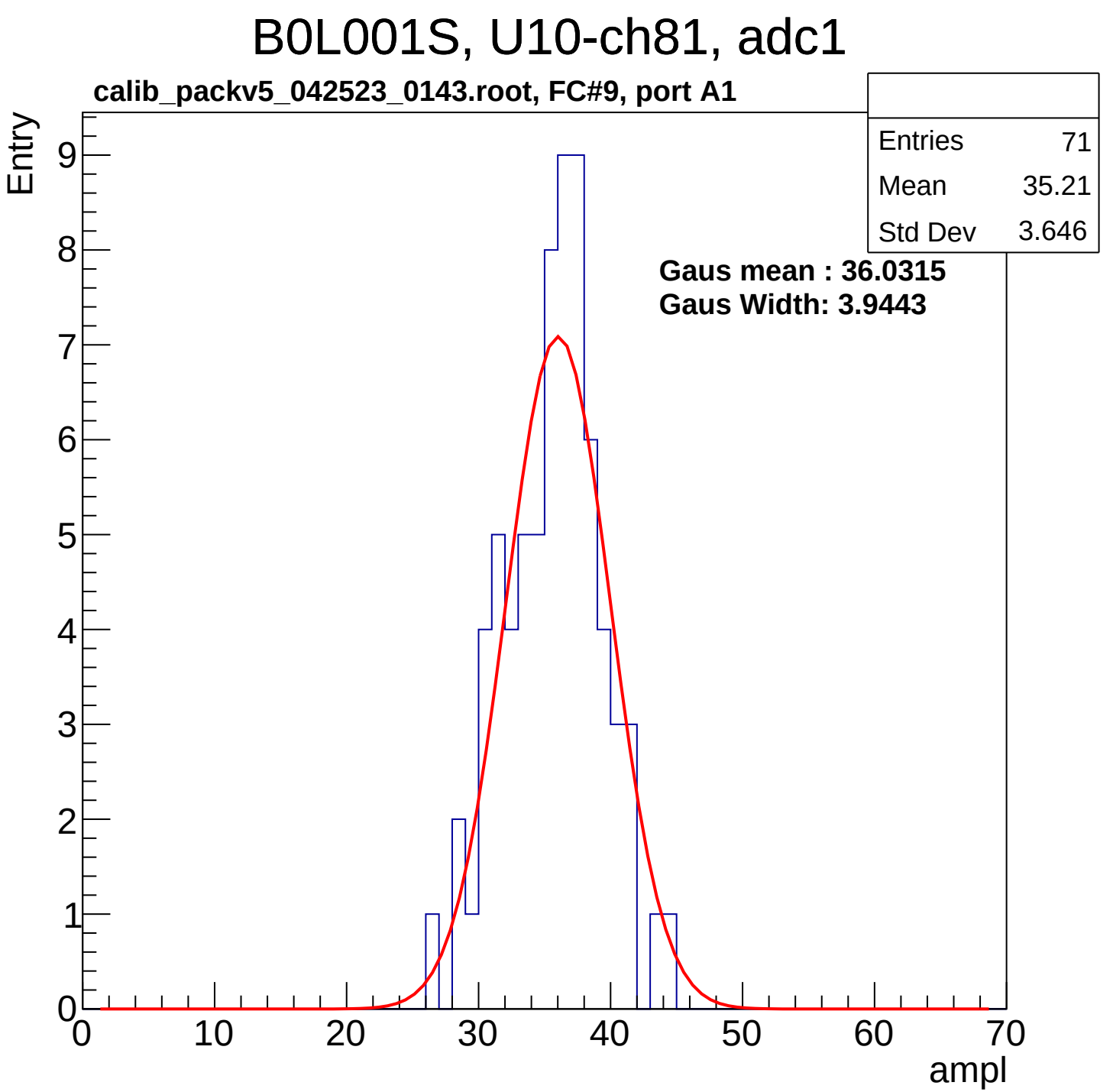
0
10
20
30
40
50
60
70


B0L001S, U10-ch81, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 35.21
Std Dev 3.646
Gaus mean : 36.0315
Gaus Width: 3.9443
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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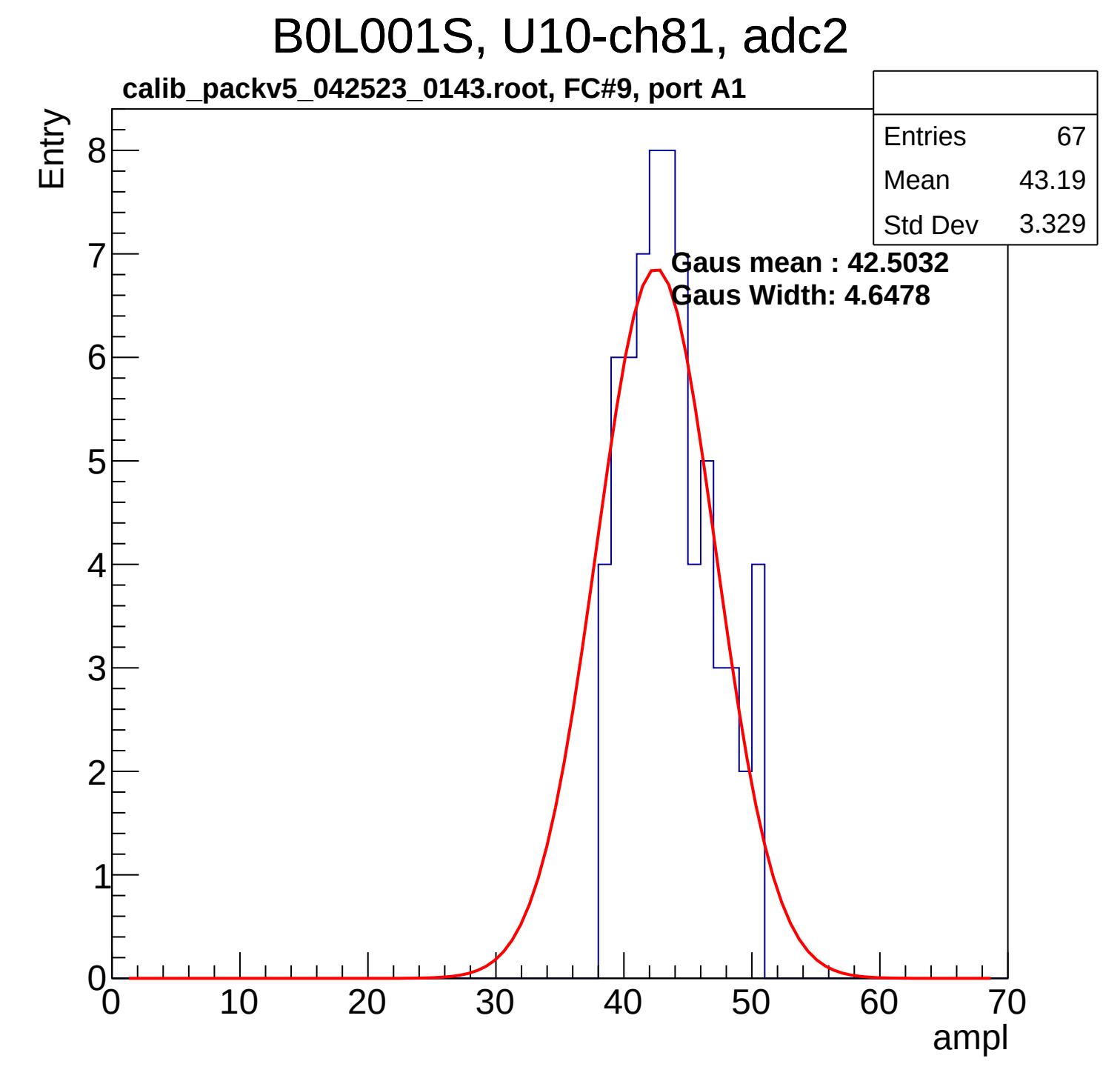
60
70


B0L001S, U10-ch81, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 43.19
Std Dev 3.329
Gaus mean : 42.5032
Gaus Width: 4.6478
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
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60
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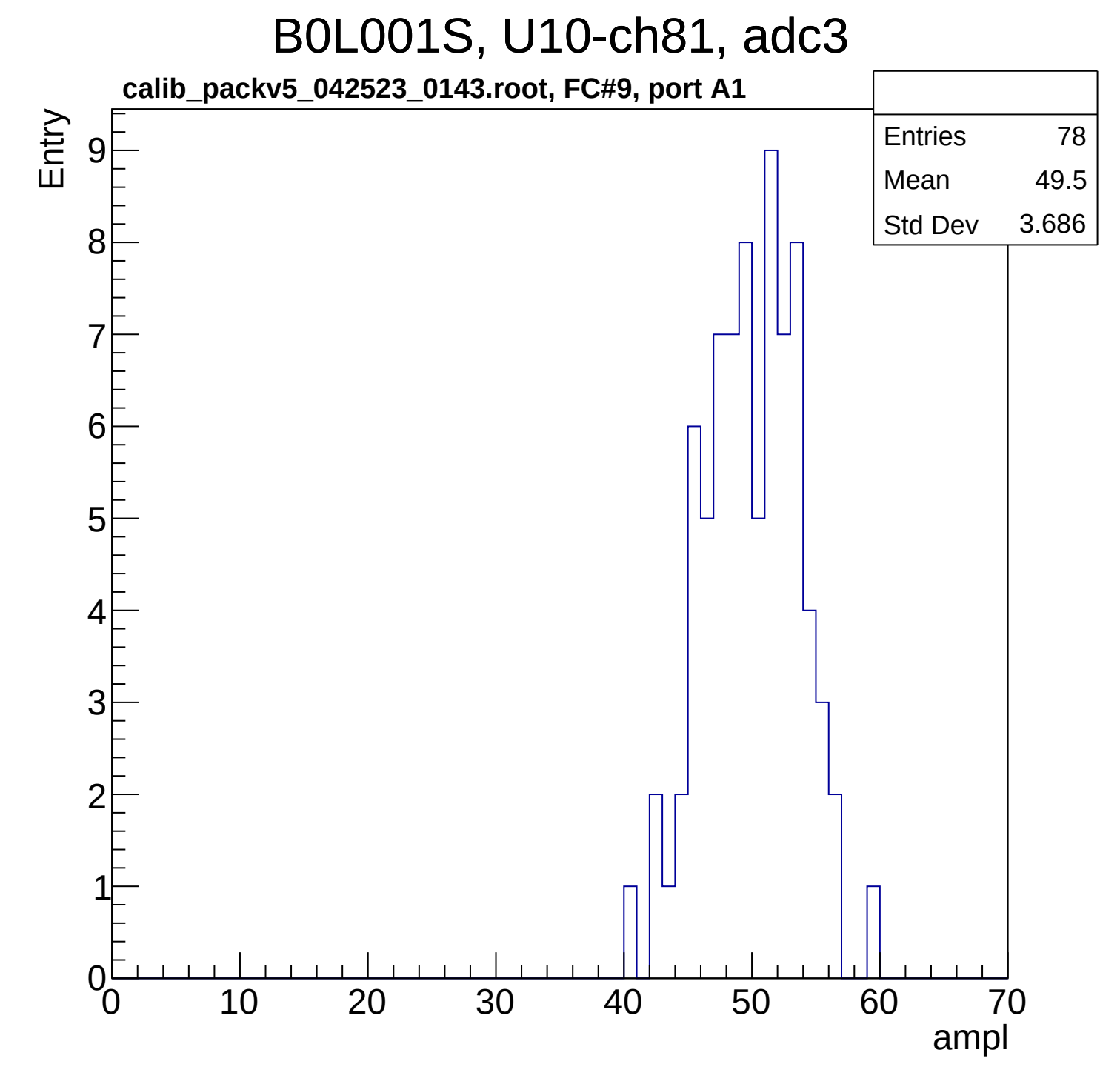
B0L001S, U10-ch81, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 49.5
Std Dev 3.686
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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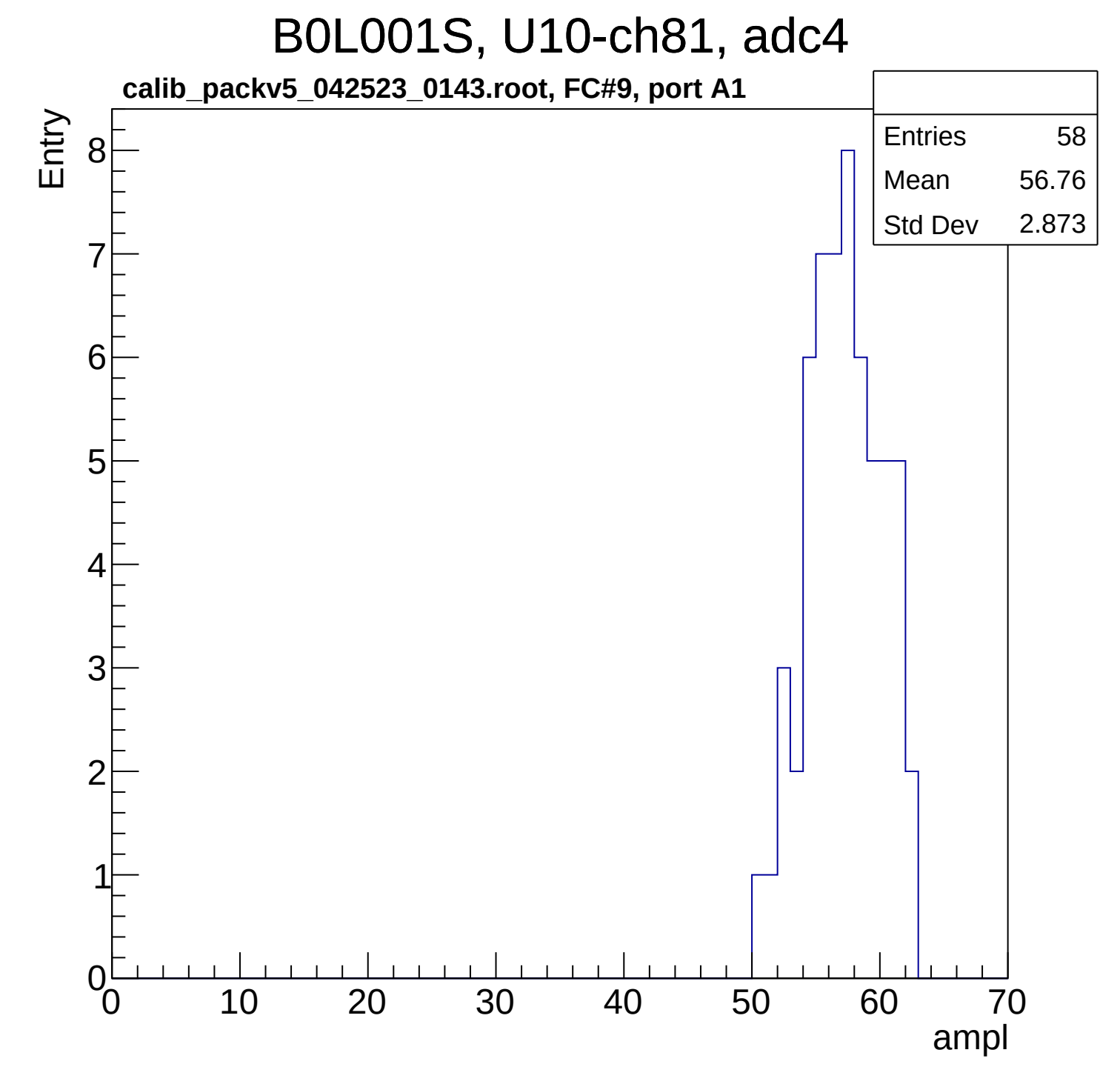
B0L001S, U10-ch81, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 56.76
Std Dev 2.873
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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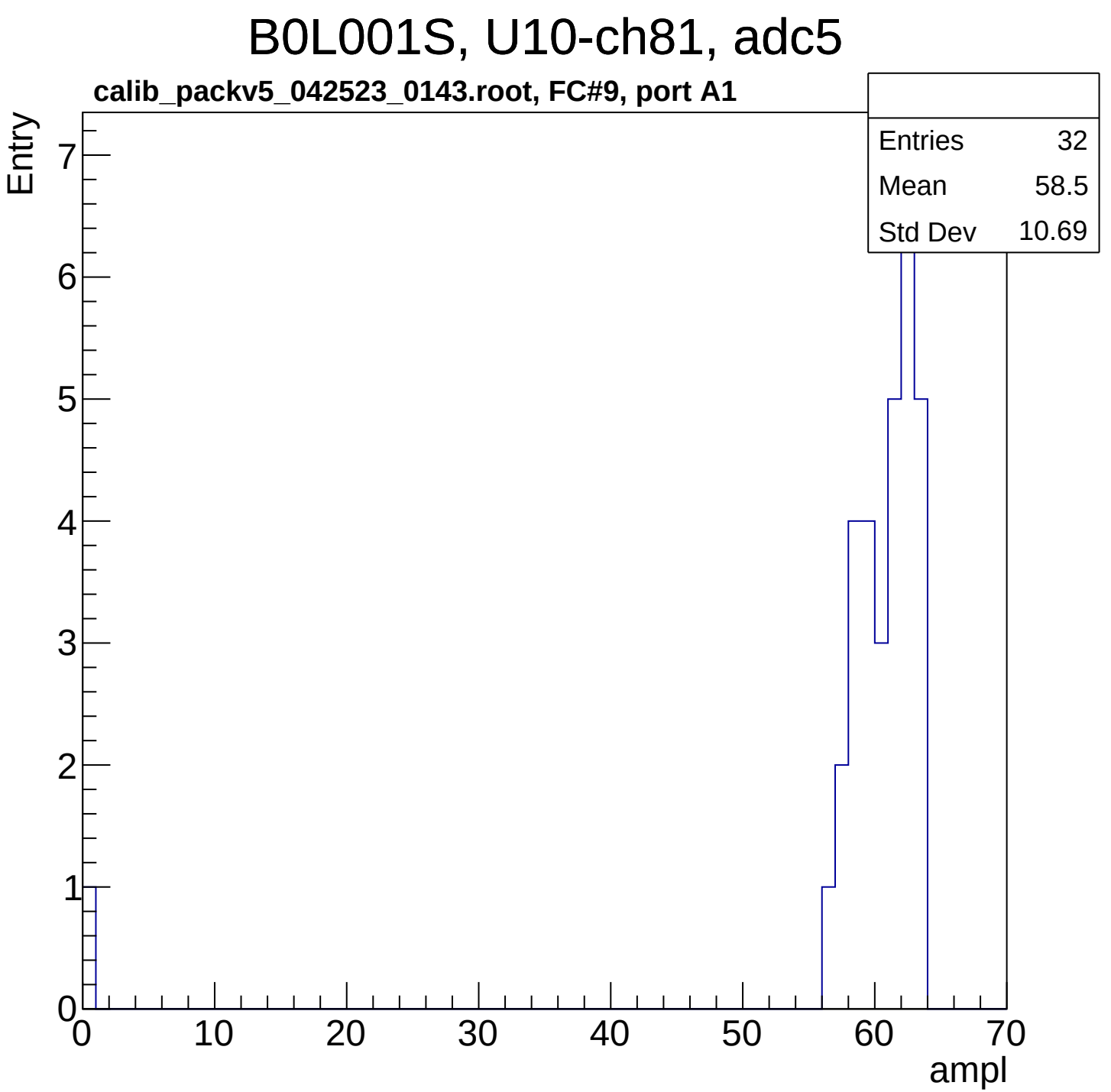
B0L001S, U10-ch81, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 58.5
Std Dev 10.69
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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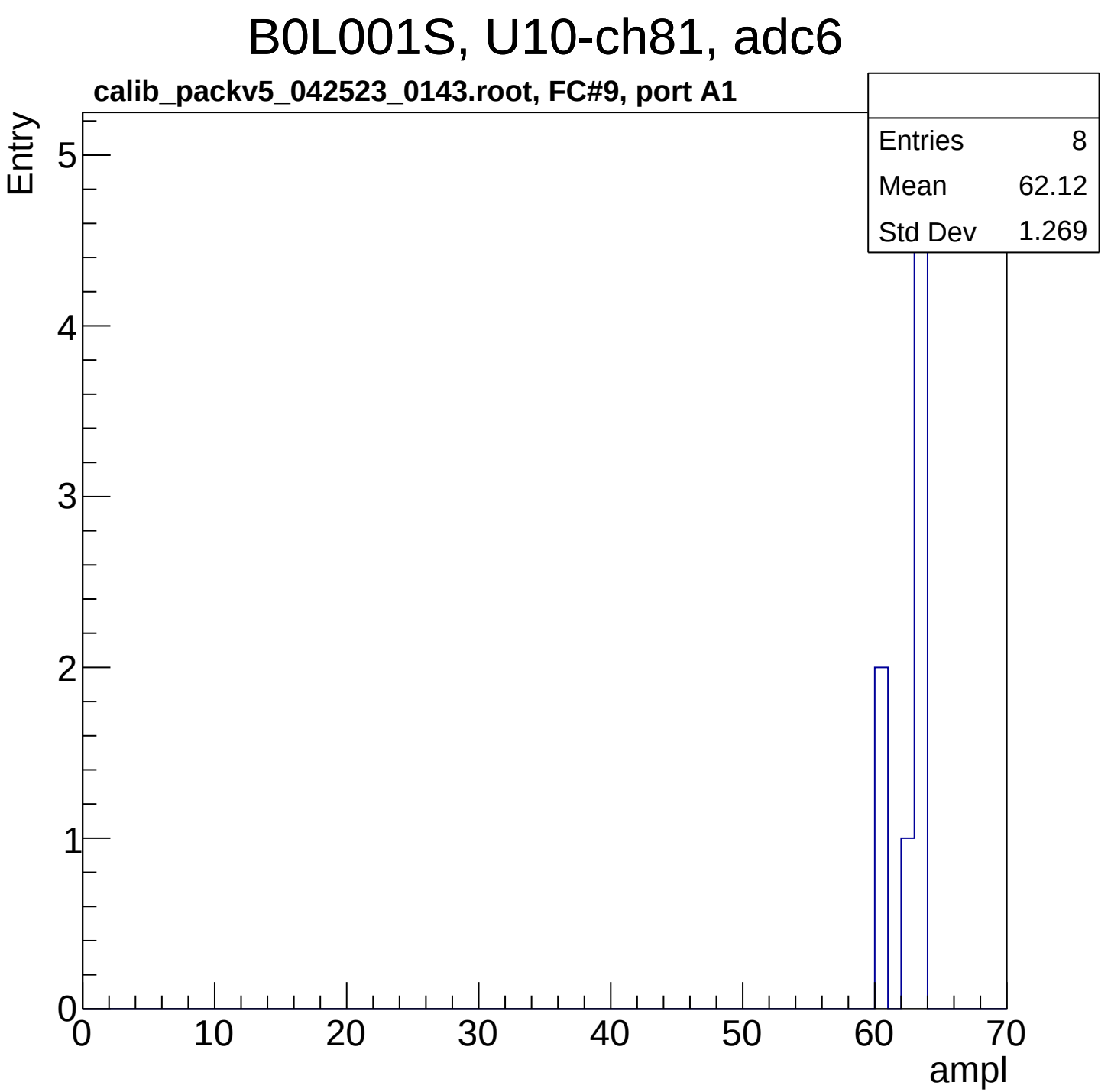
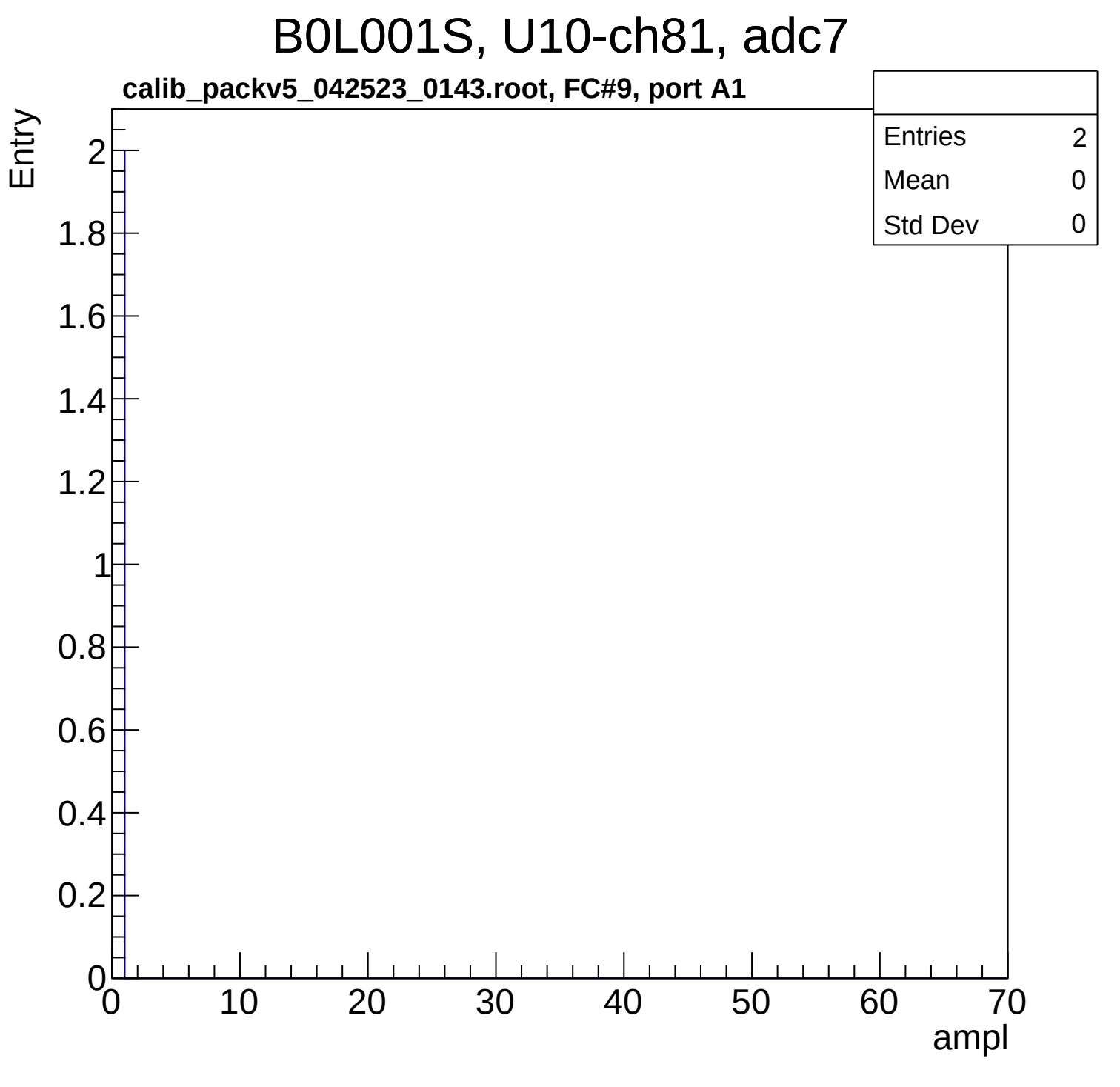
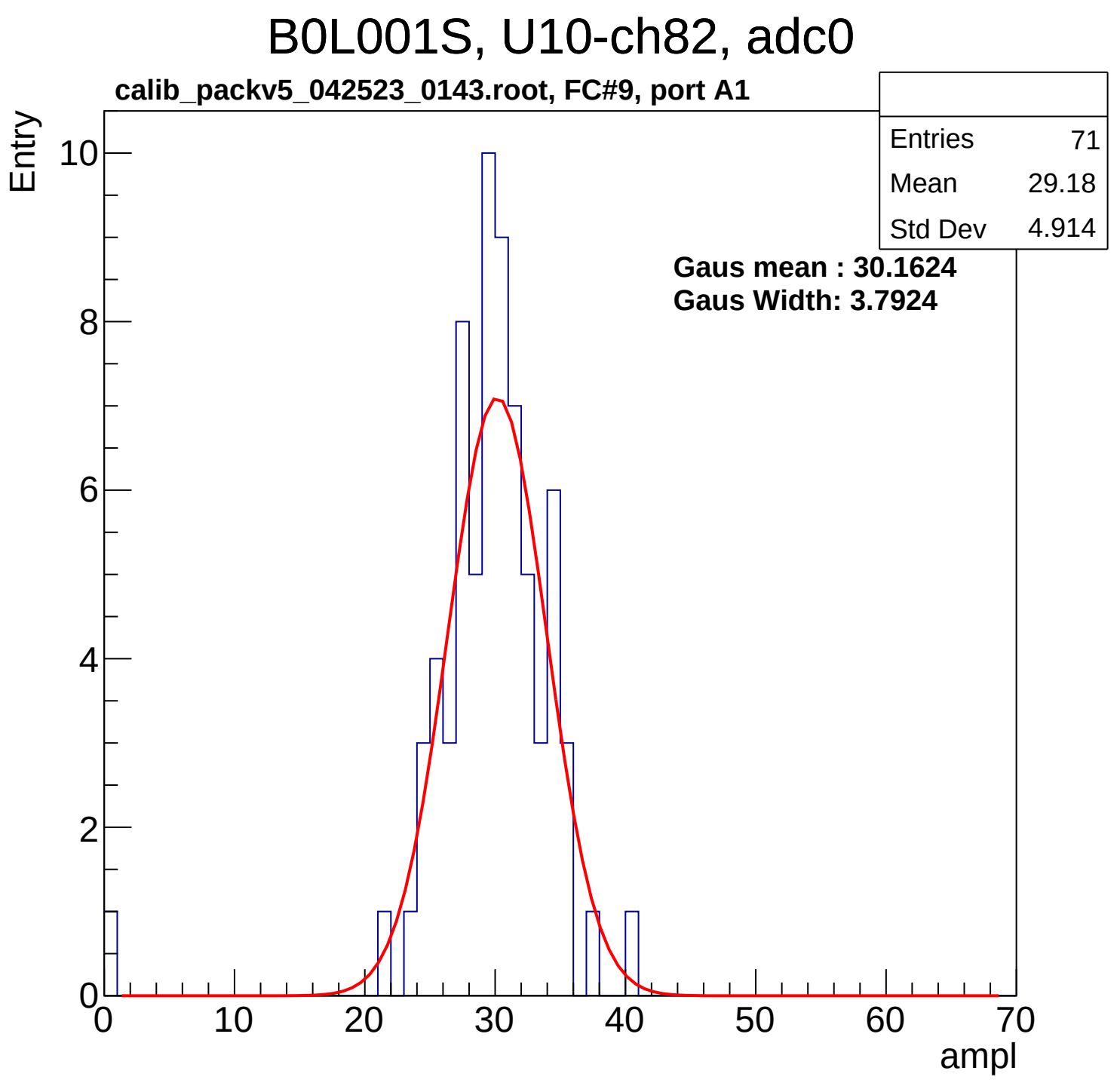
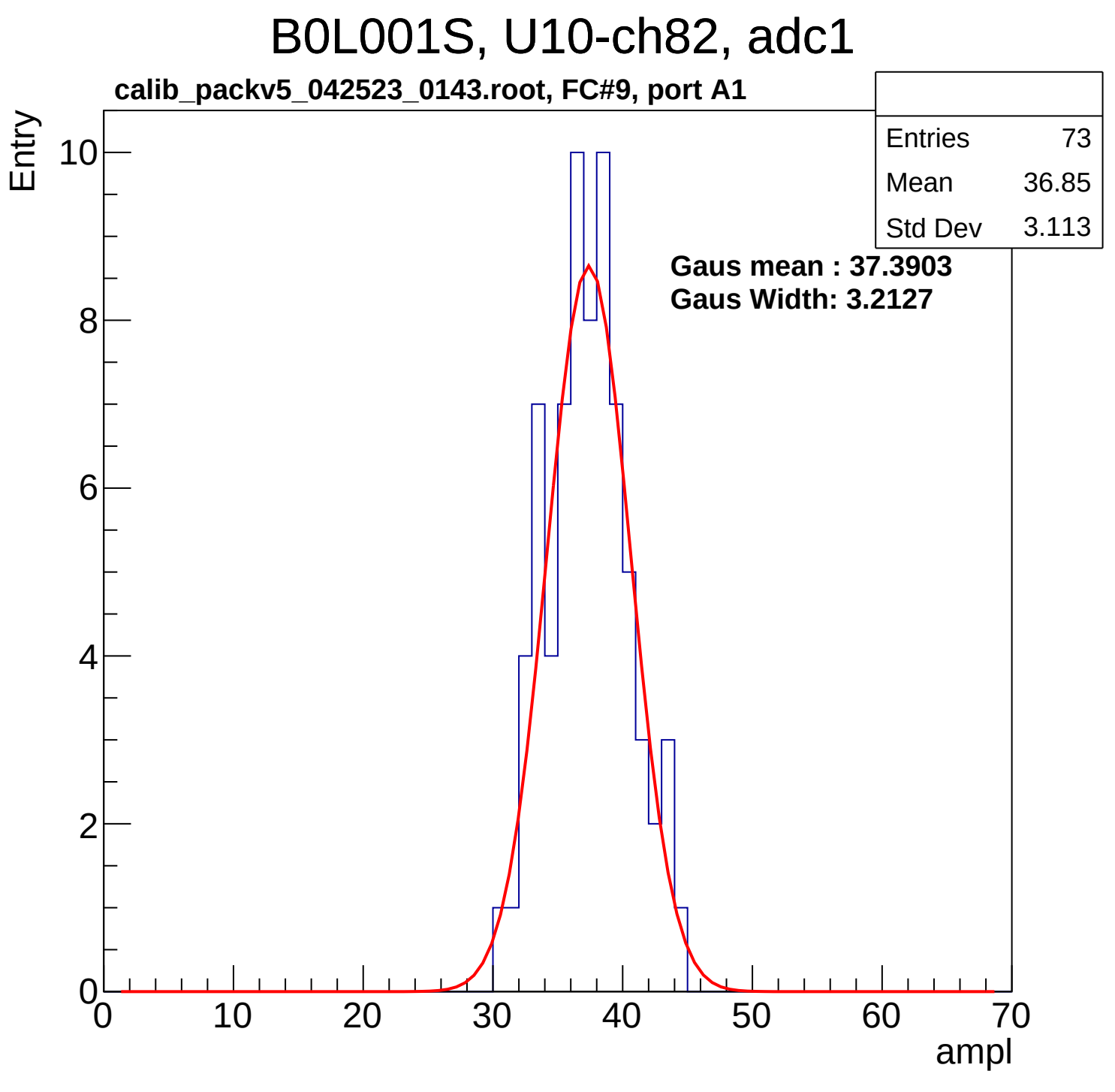

B0L001S, U10-ch81, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 62.12
Std Dev 1.269
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch81, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch82, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 29.18
Std Dev 4.914
Gaus mean : 30.1624
Gaus Width: 3.7924
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch82, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 36.85
Std Dev 3.113
Gaus mean : 37.3903
Gaus Width: 3.2127
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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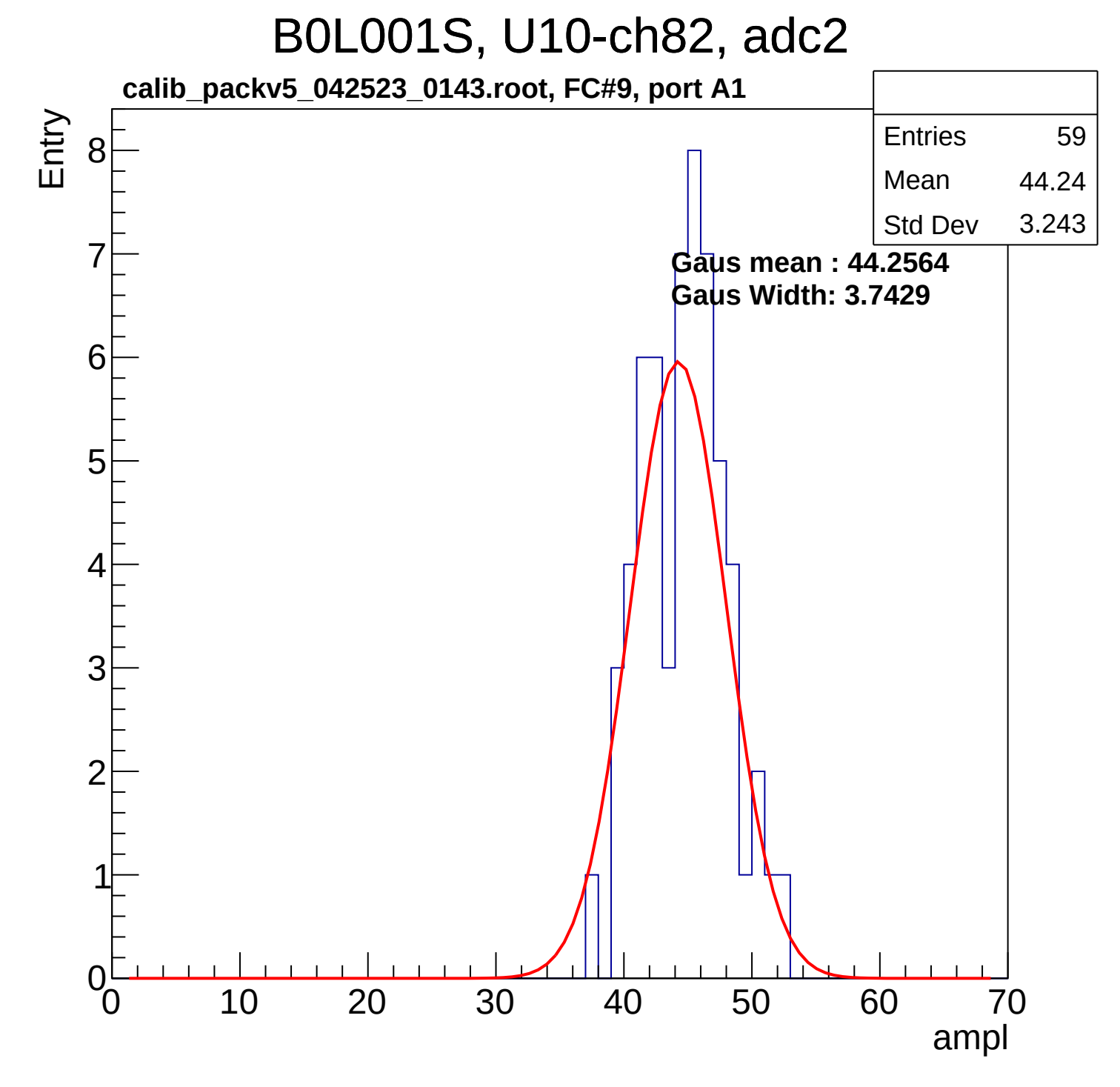
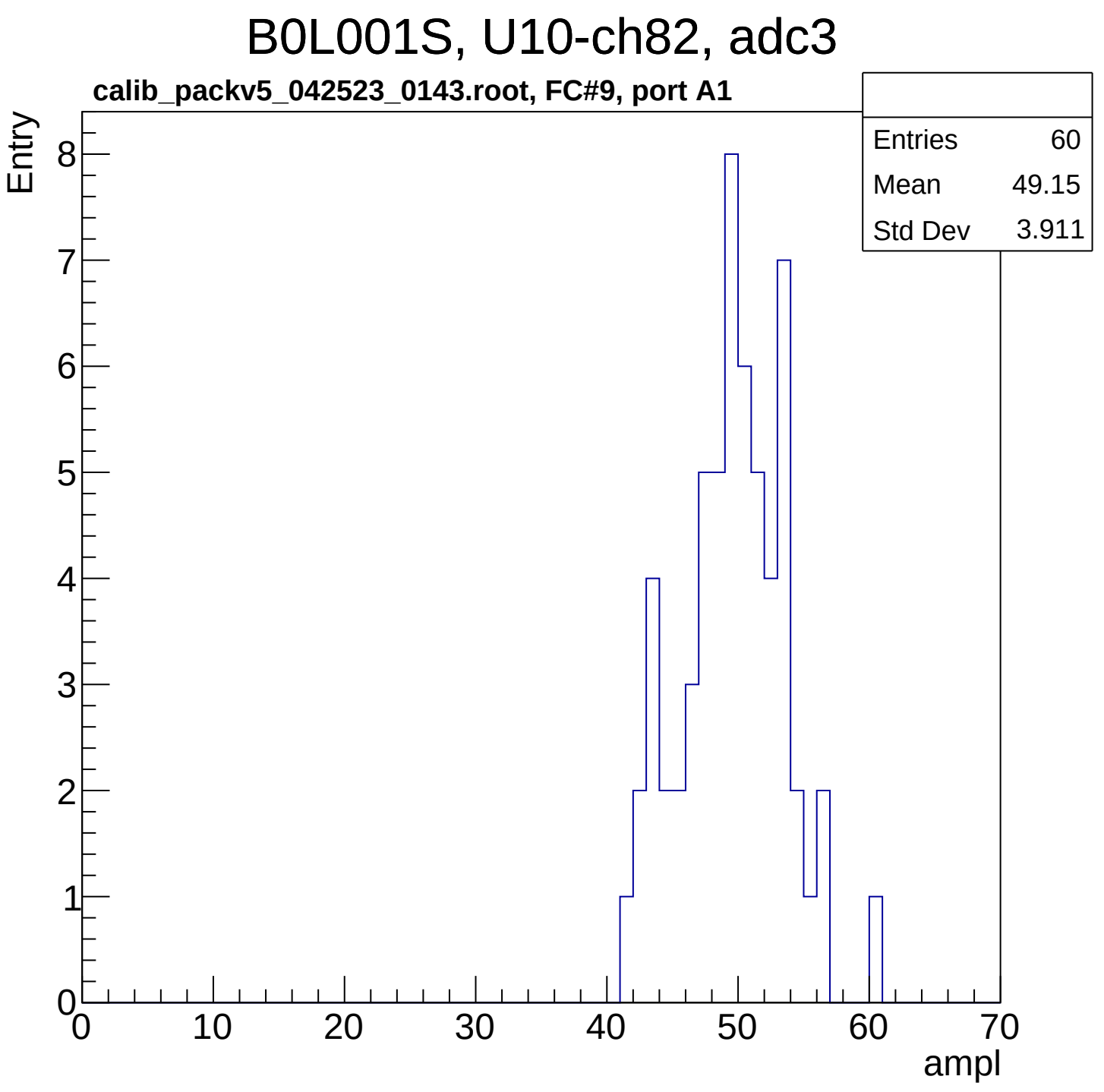

B0L001S, U10-ch82, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 44.24
Std Dev 3.243
Gaus mean : 44.2564
Gaus Width: 3.7429
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch82, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 49.15
Std Dev 3.911
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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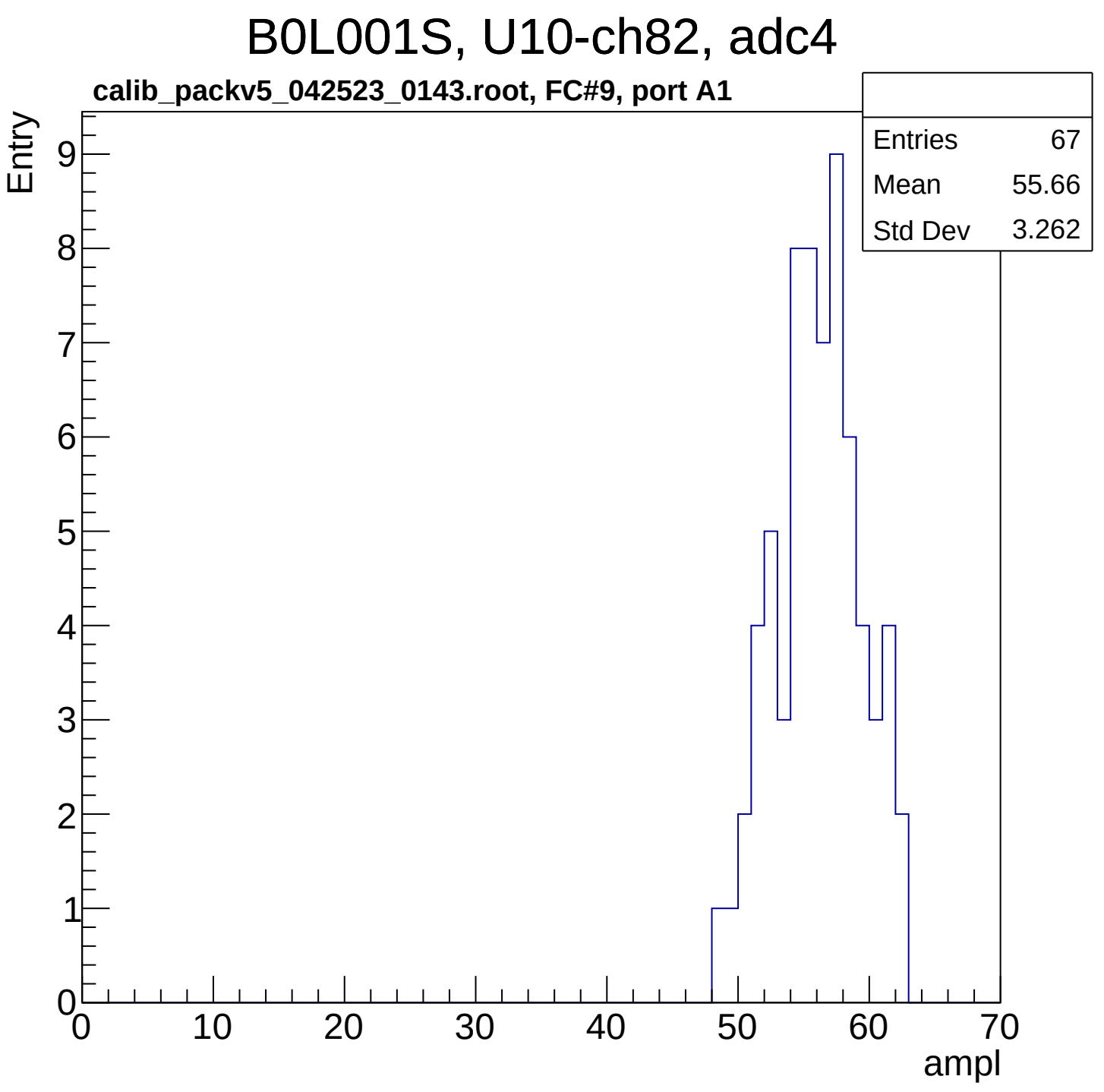
B0L001S, U10-ch82, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 55.66
Std Dev 3.262
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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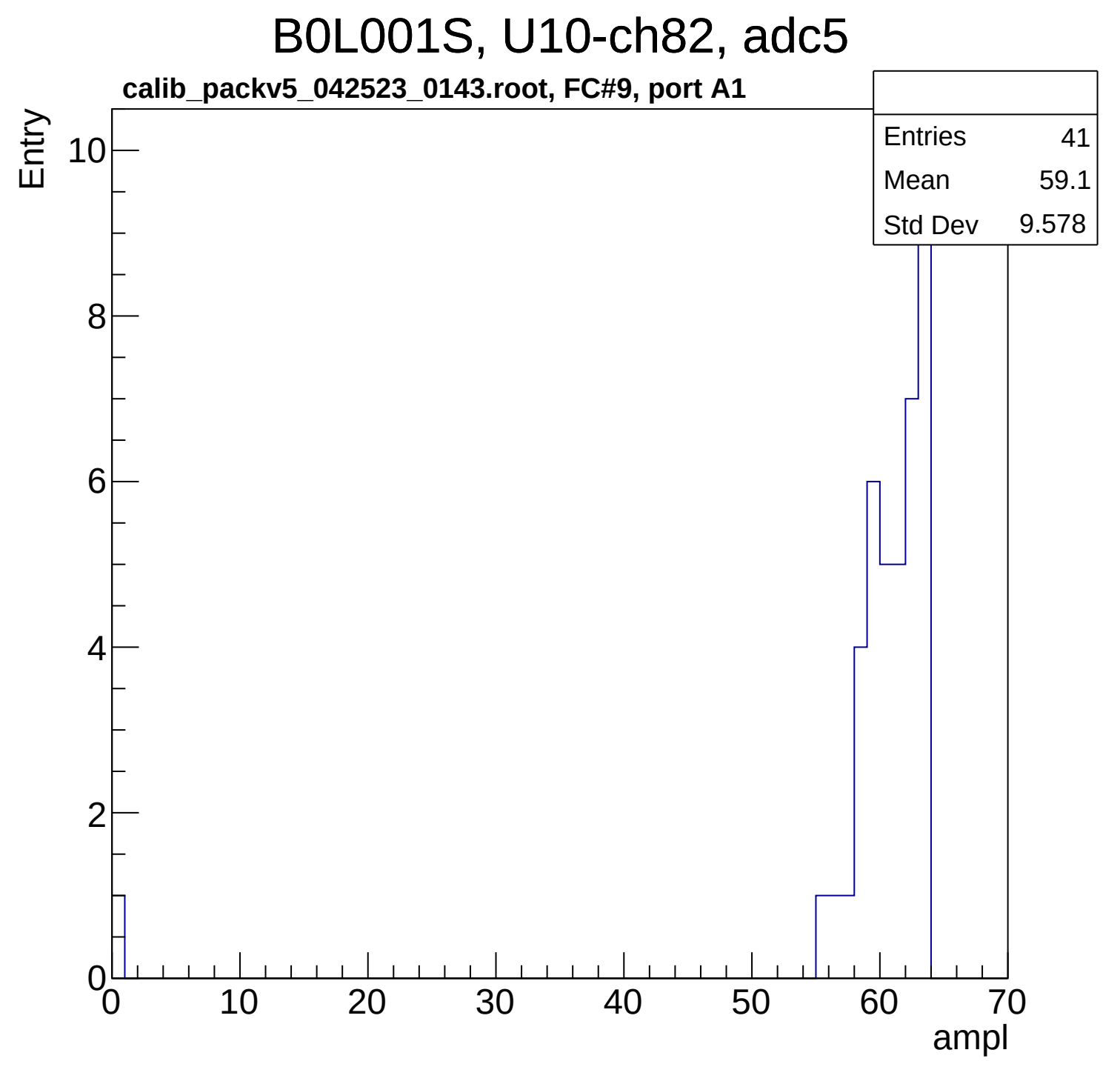
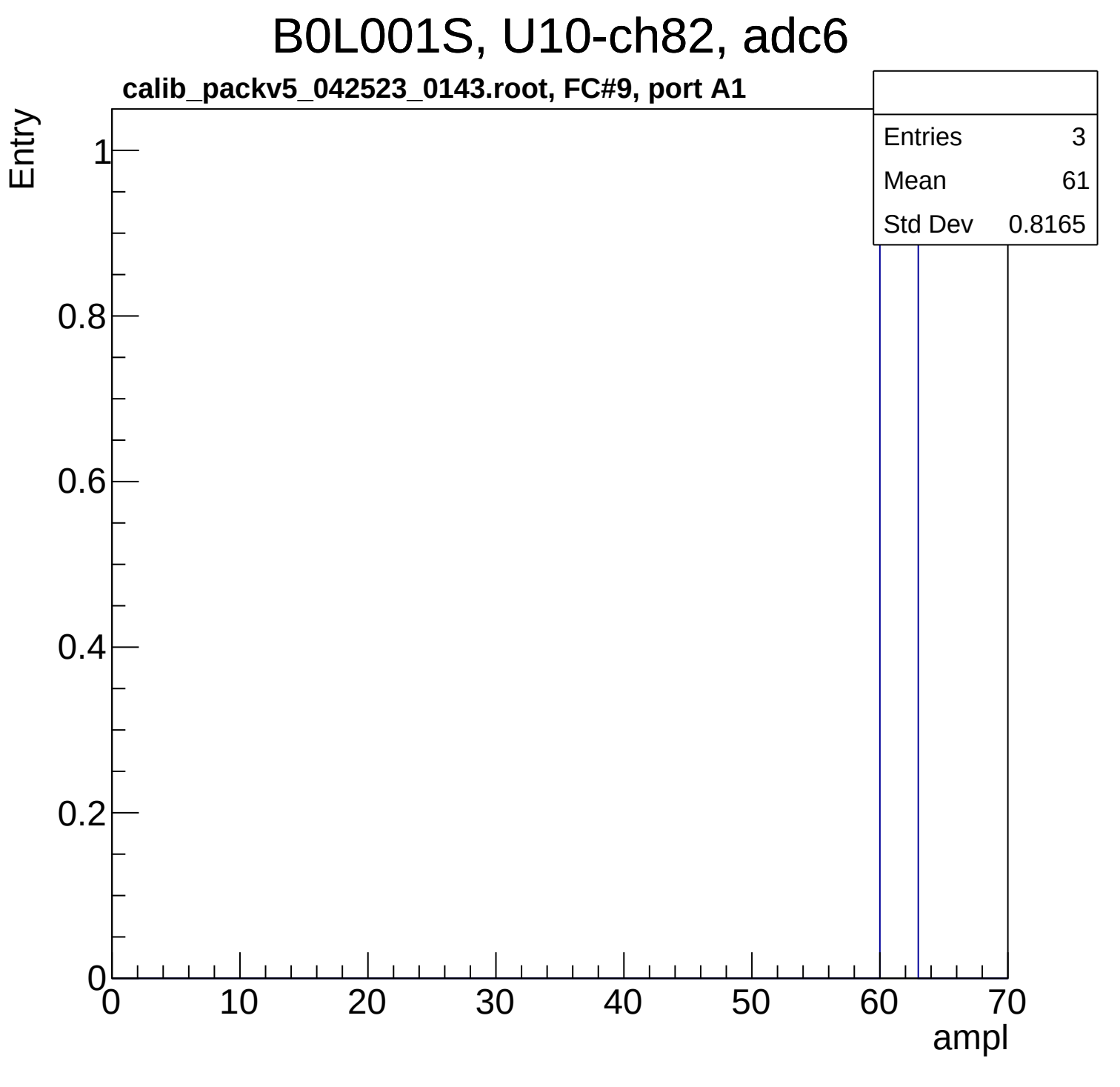
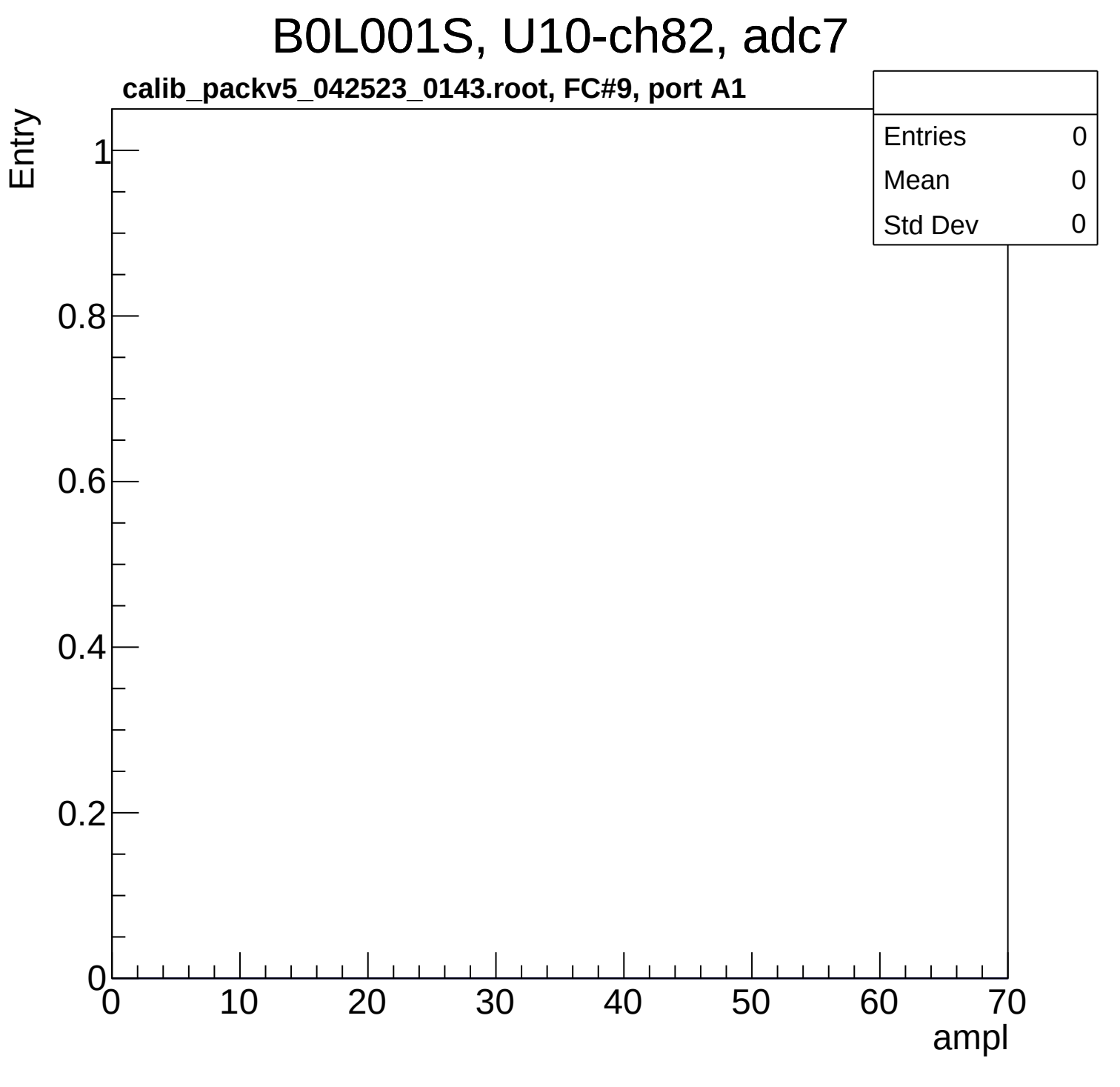
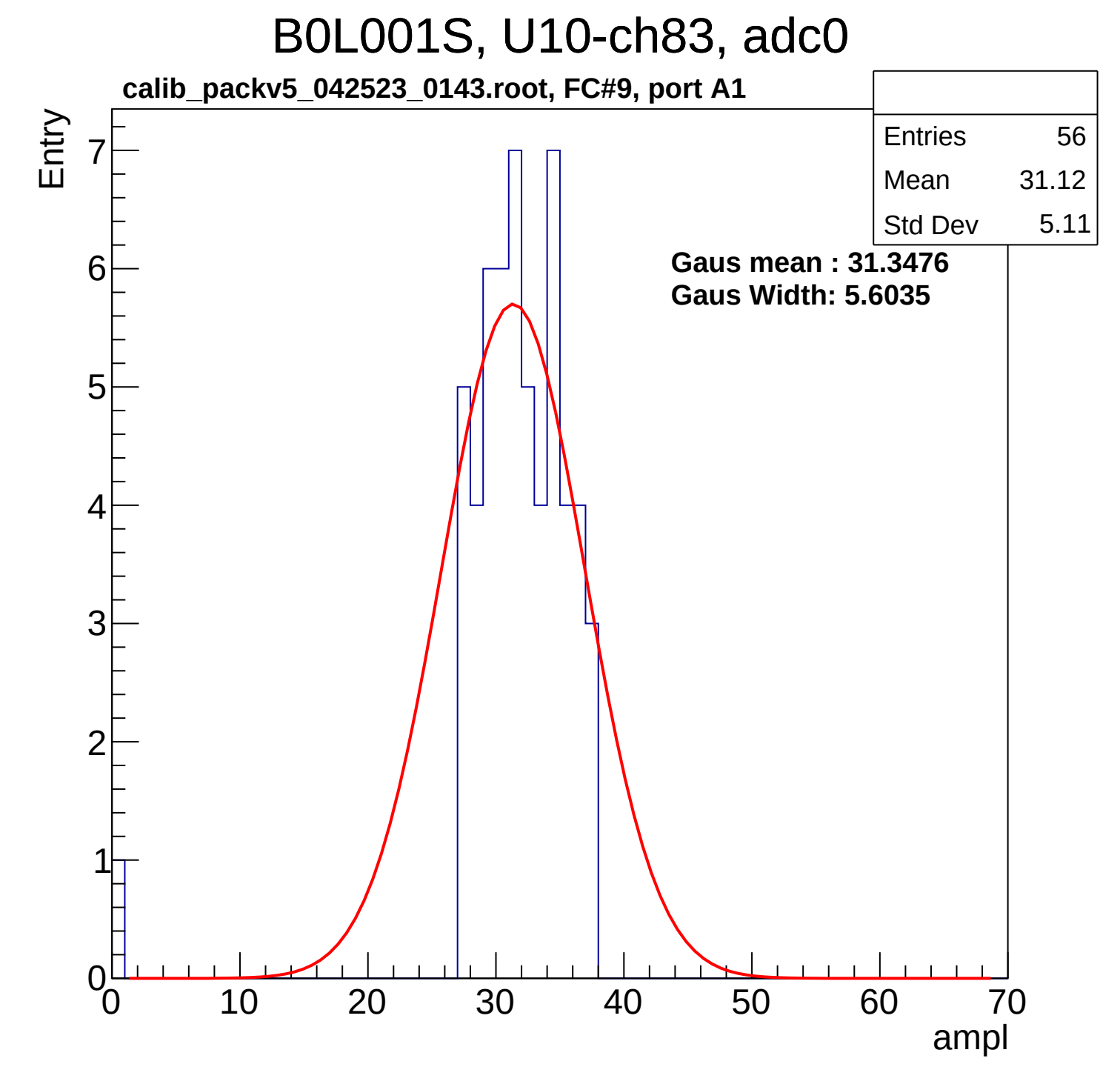
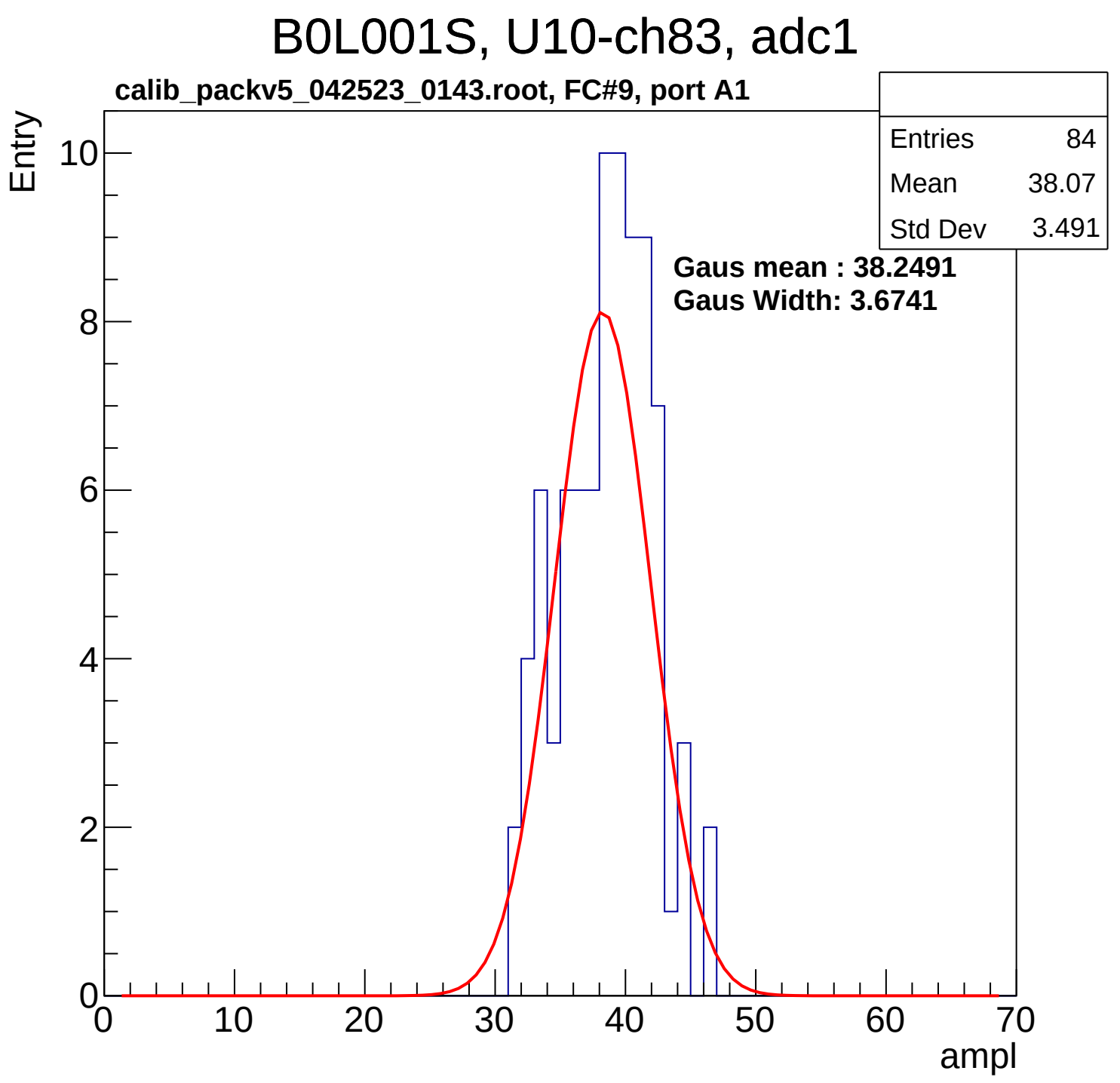
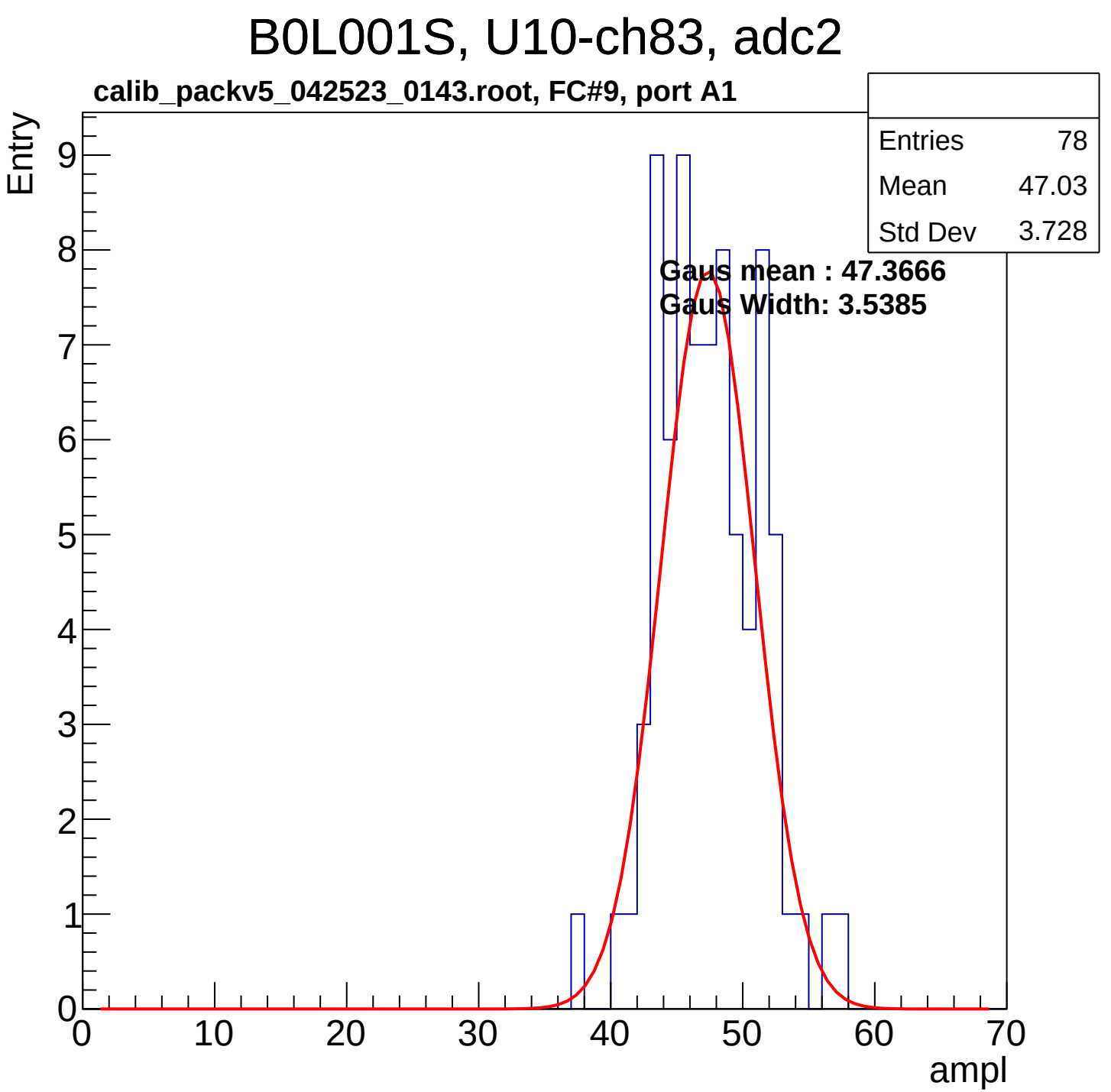

B0L001S, U10-ch82, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 59.1
Std Dev 9.578
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch82, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch82, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch83, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 31.12
Std Dev 5.11
Gaus mean : 31.3476
Gaus Width: 5.6035
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch83, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 38.07
Std Dev 3.491
Gaus mean : 38.2491
Gaus Width: 3.6741
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch83, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 47.03
Std Dev 3.728
Gaus mean : 47.3666
Gaus Width: 3.5385
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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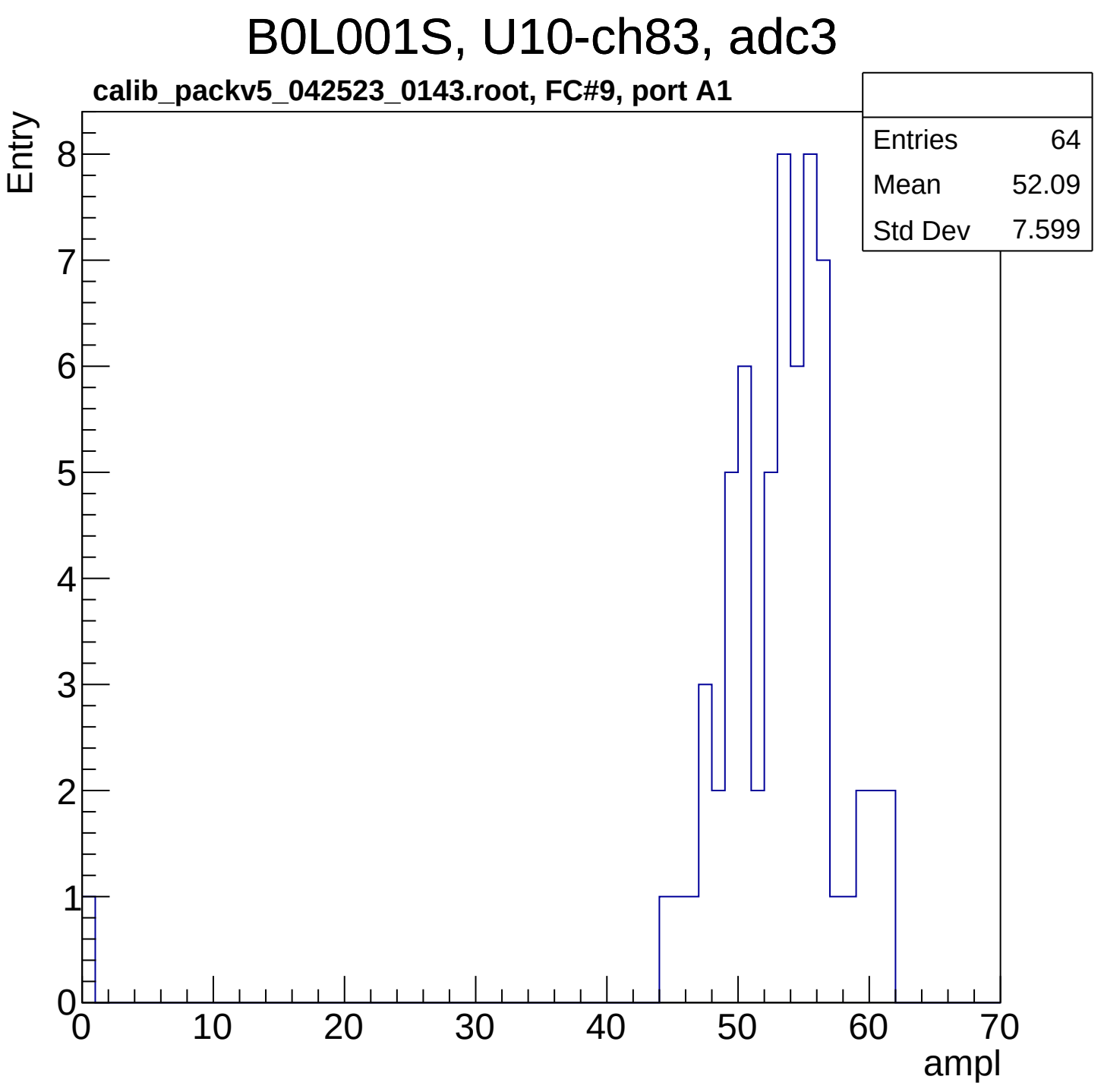
B0L001S, U10-ch83, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 52.09
Std Dev 7.599
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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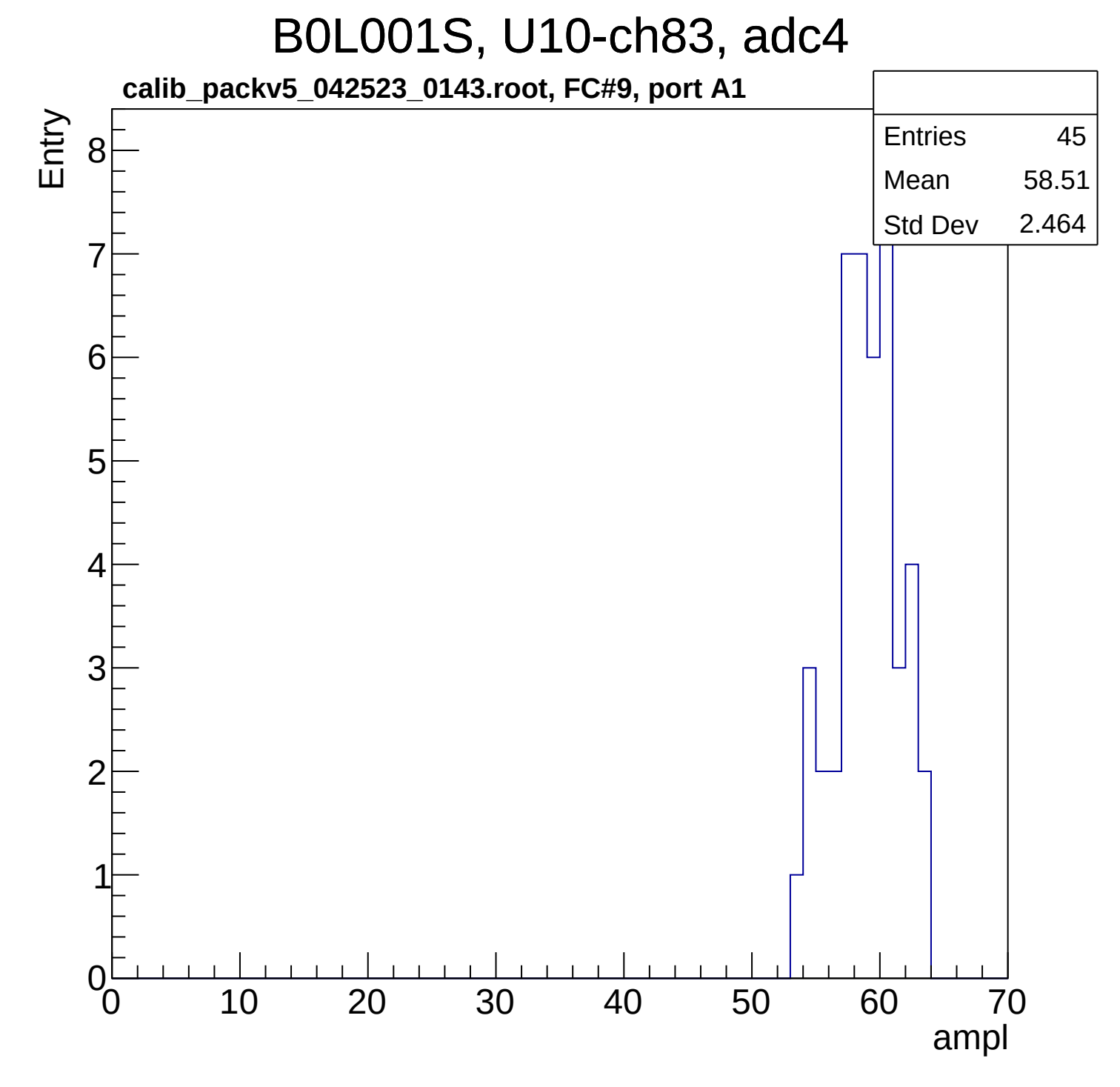
B0L001S, U10-ch83, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 58.51
Std Dev 2.464
Entry
ampl
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1
2
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4
5
6
7
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0
10
20
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40
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60
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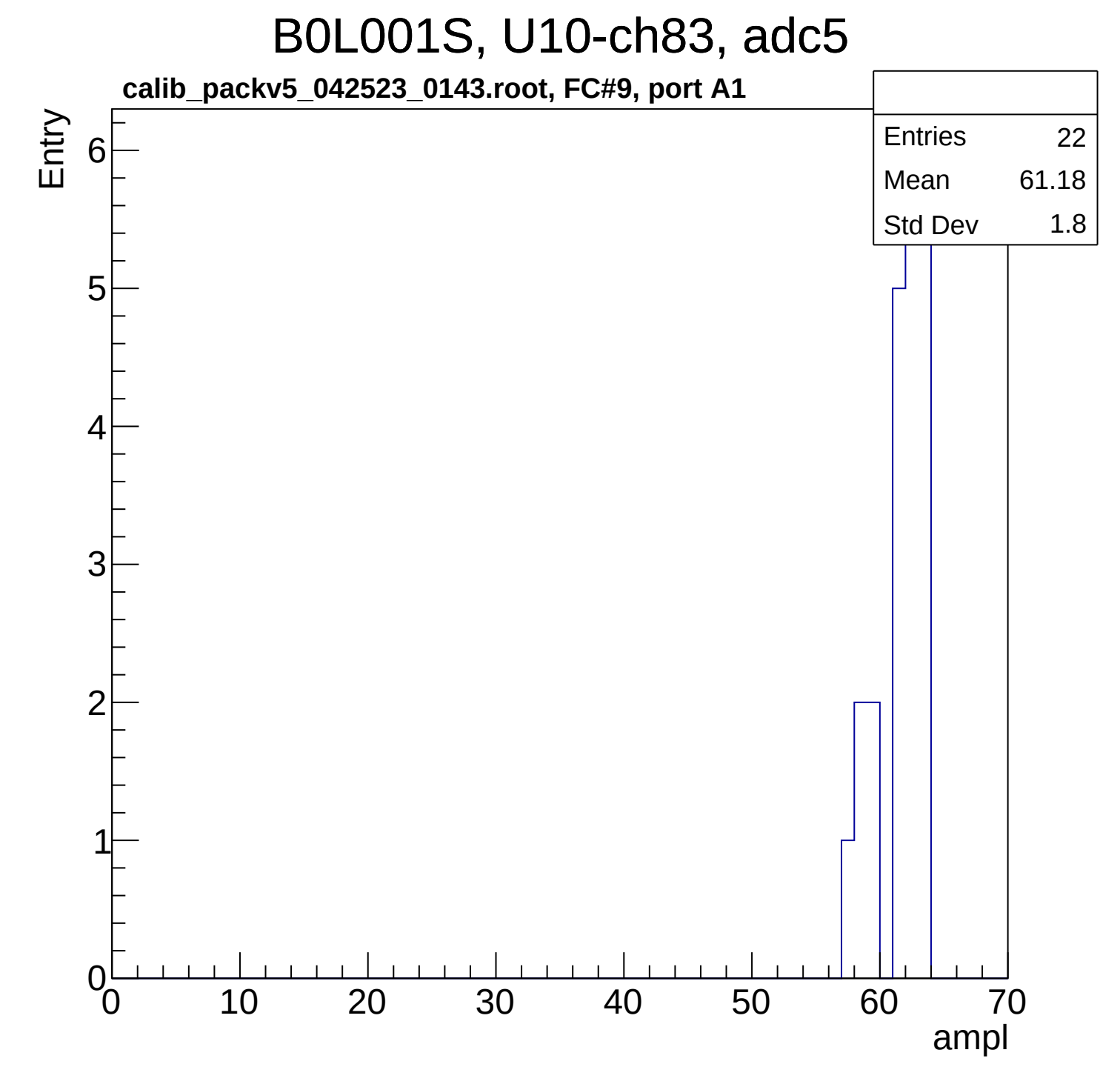
B0L001S, U10-ch83, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 22
Mean 61.18
Std Dev 1.8
Entry
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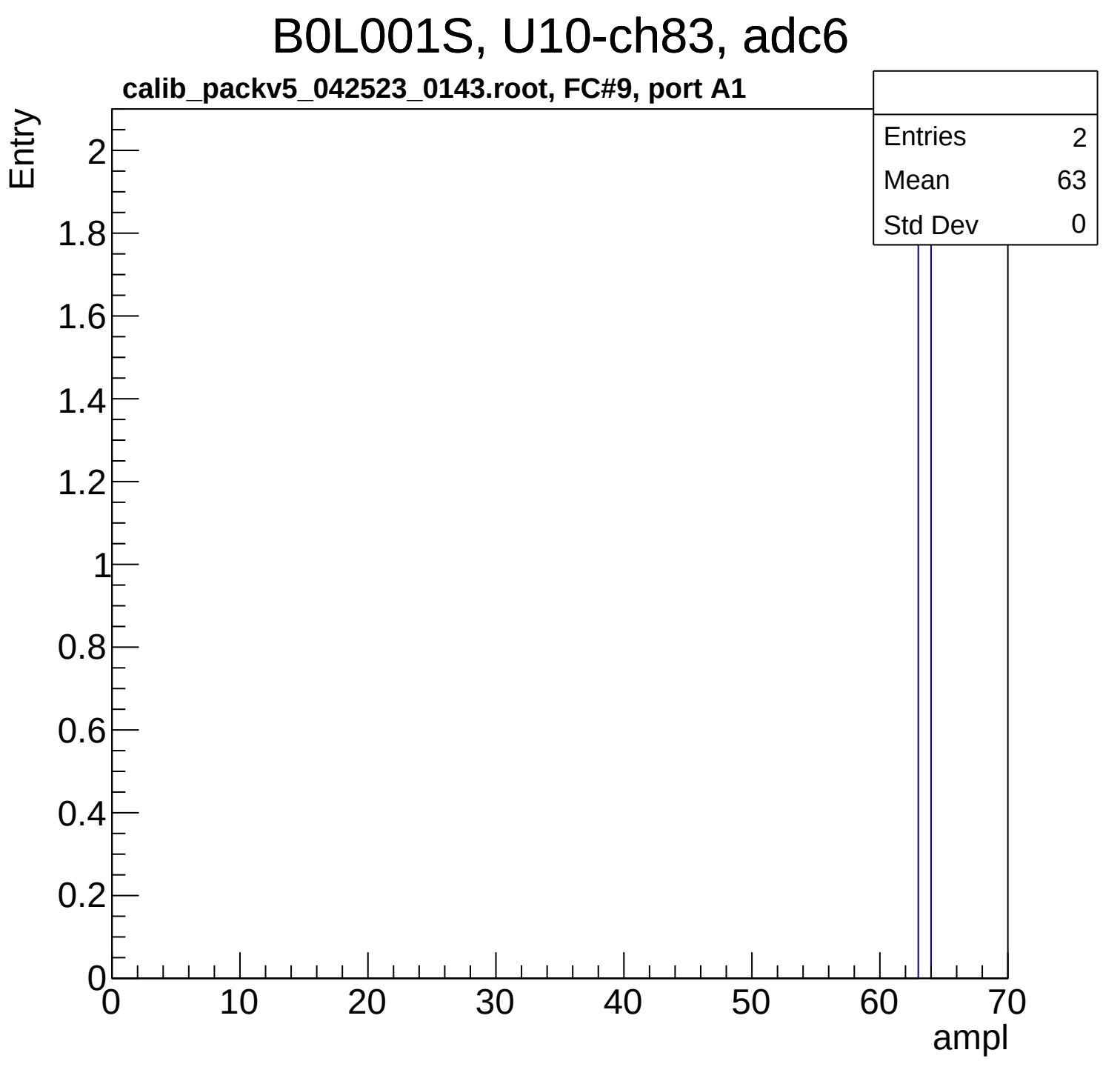
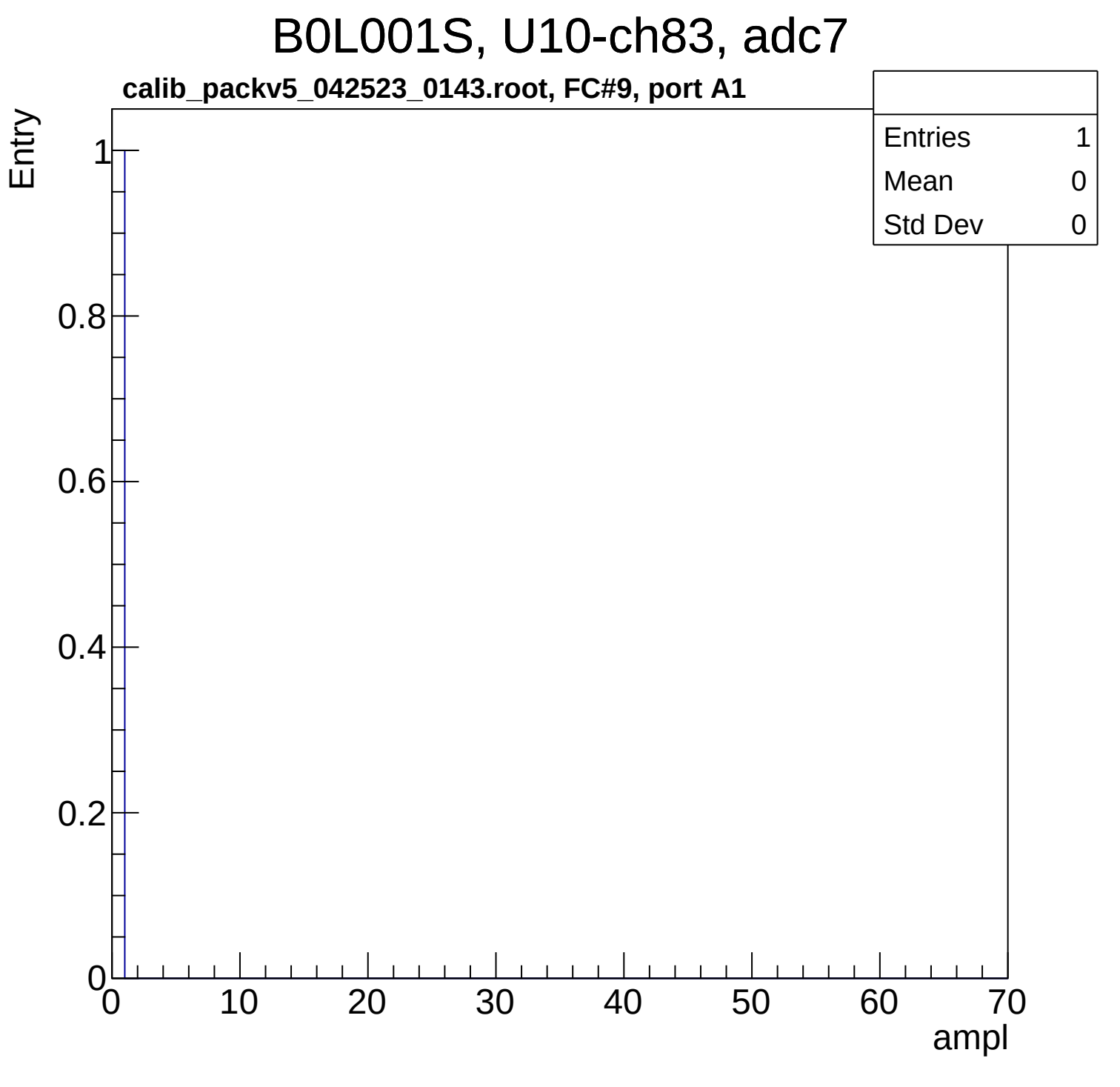
70
ampl


B0L001S, U10-ch83, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch83, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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0
0
10
20
30
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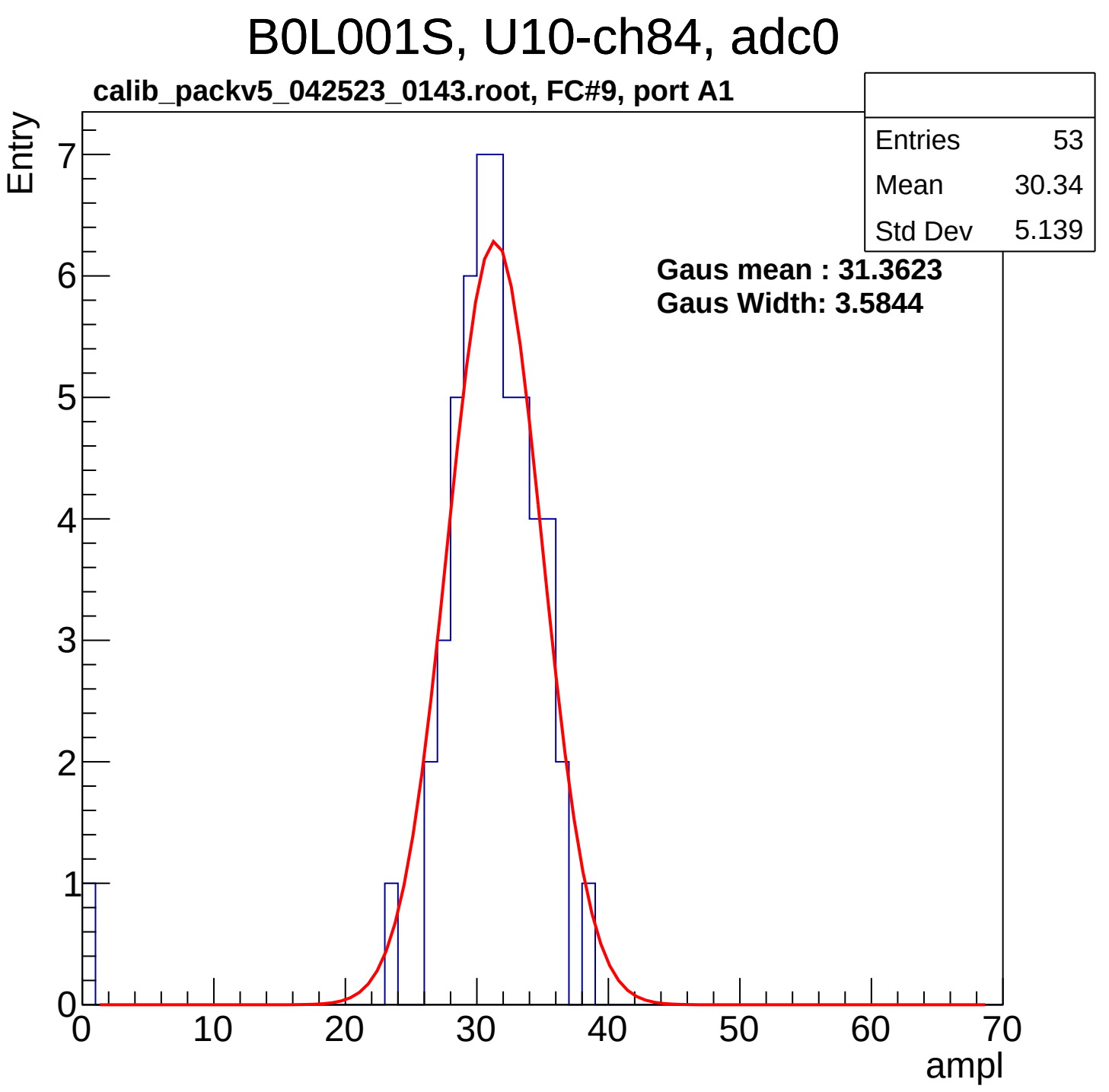
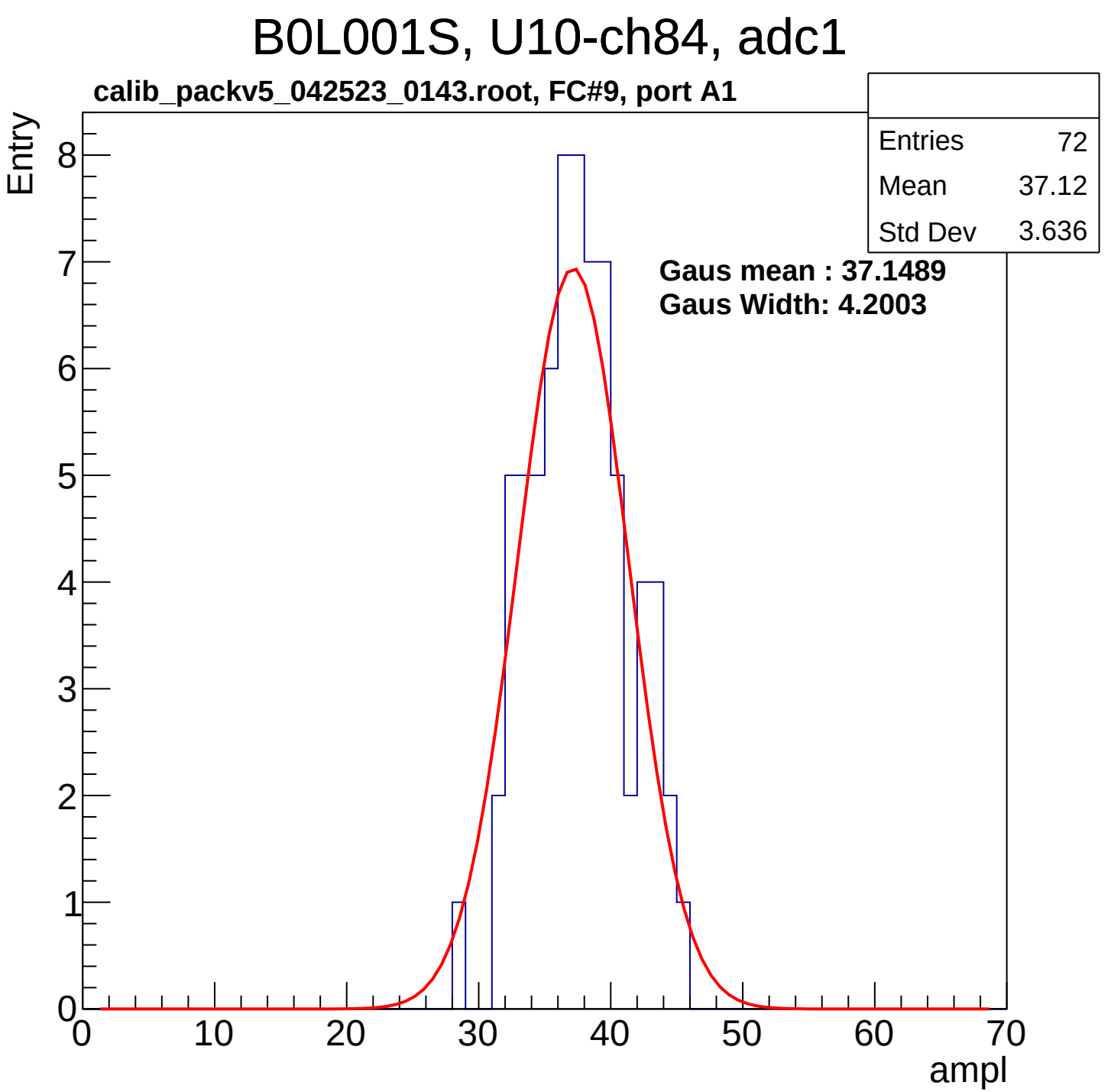
50
60
70
ampl


B0L001S, U10-ch84, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 30.34
Std Dev 5.139
Gaus mean : 31.3623
Gaus Width: 3.5844
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch84, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 37.12
Std Dev 3.636
Gaus mean : 37.1489
Gaus Width: 4.2003
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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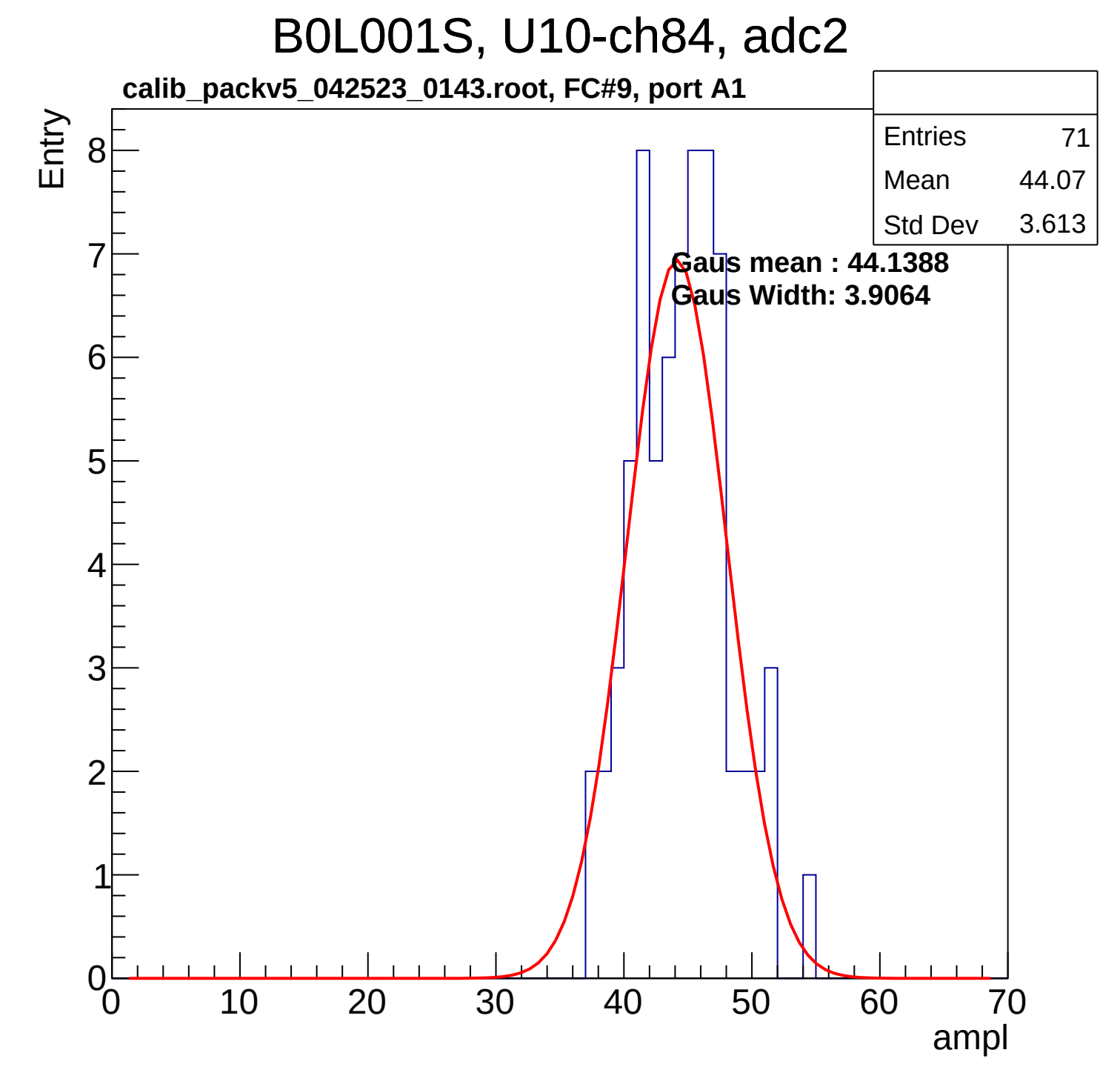
B0L001S, U10-ch84, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 44.07
Std Dev 3.613
Gaus mean : 44.1388
Gaus Width: 3.9064
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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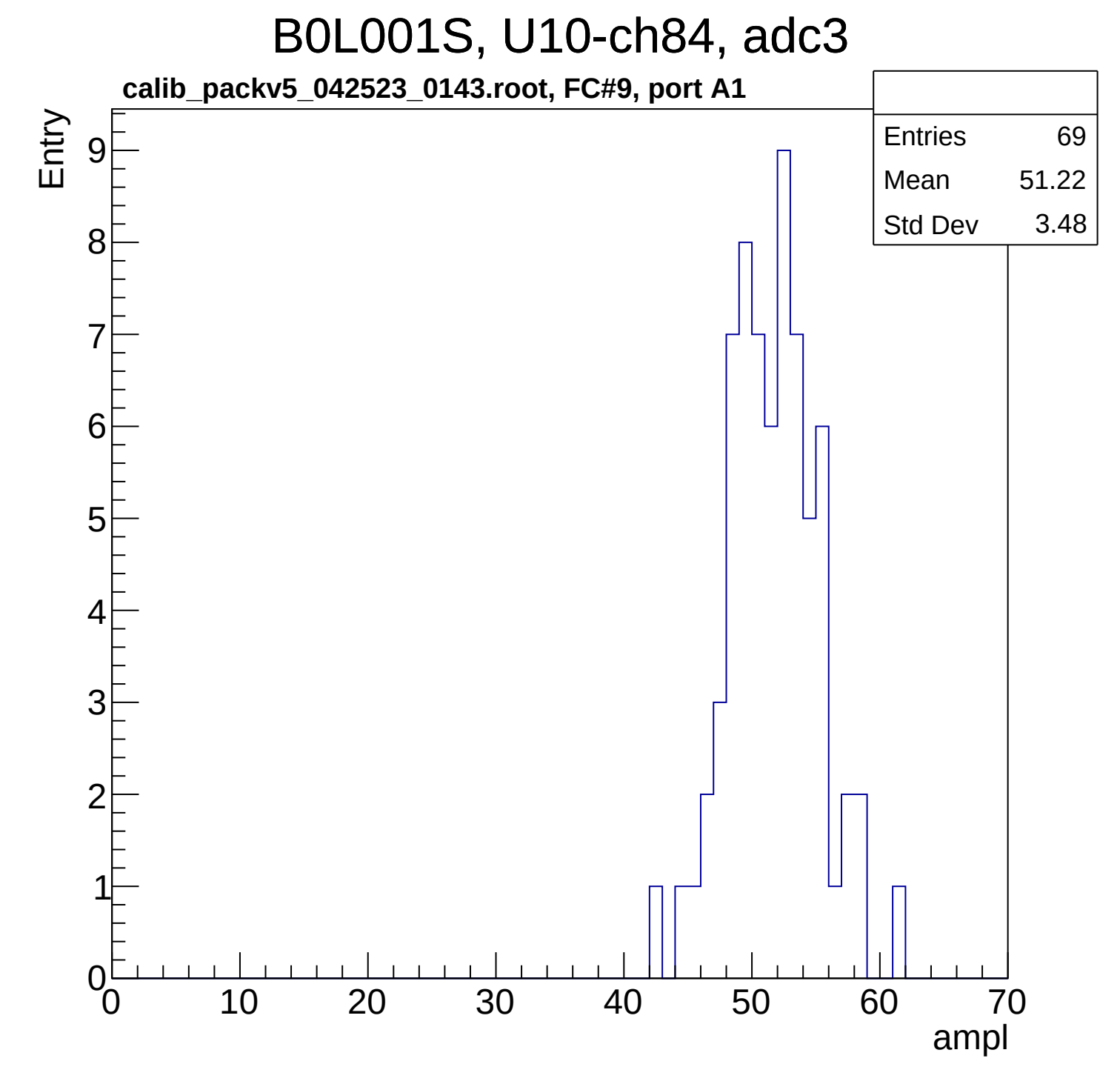
B0L001S, U10-ch84, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 51.22
Std Dev 3.48
Entry
ampl
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2
3
4
5
6
7
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0
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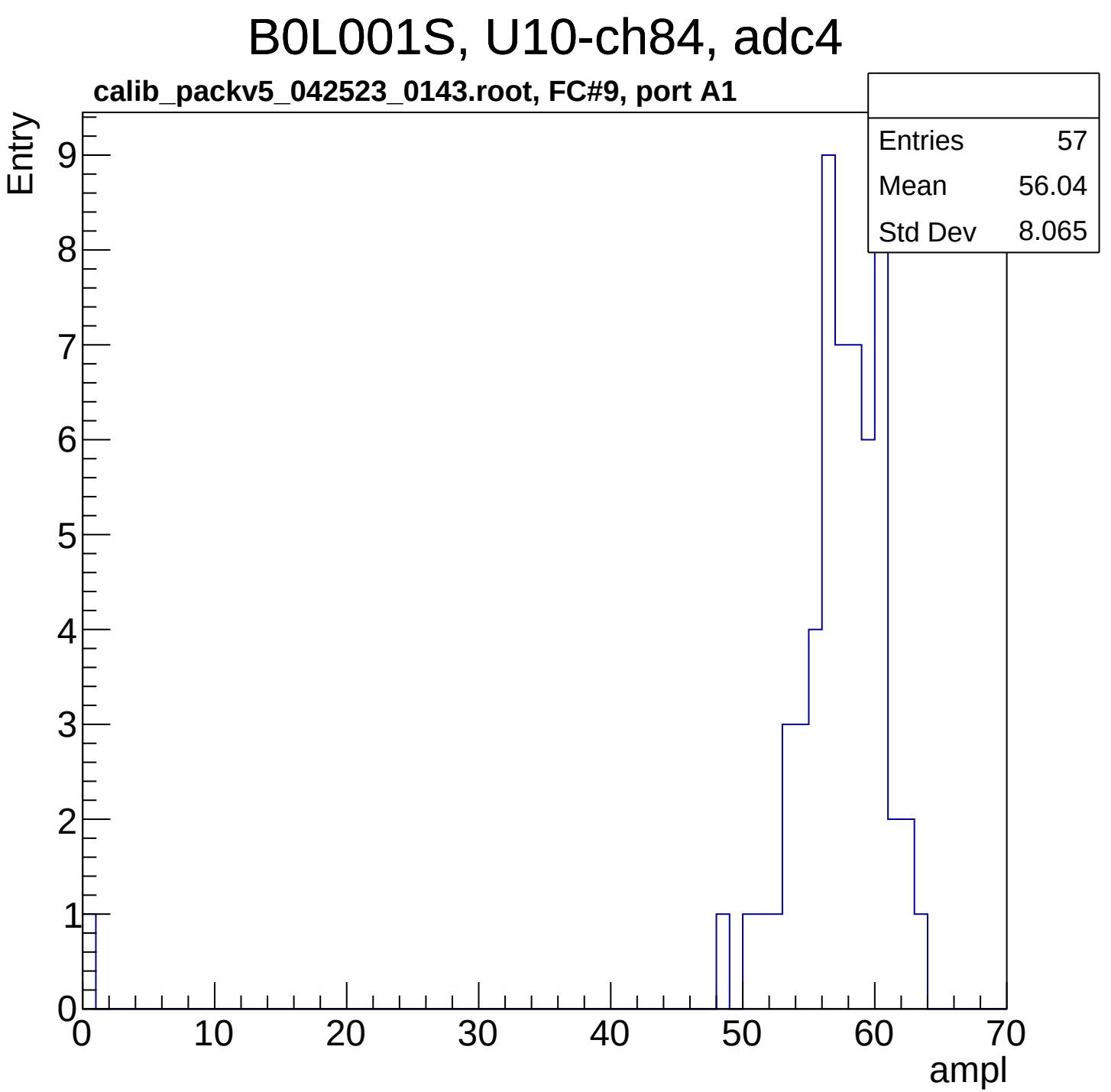
B0L001S, U10-ch84, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.04
Std Dev 8.065
Entry
ampl
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2
3
4
5
6
7
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0
10
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40
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60
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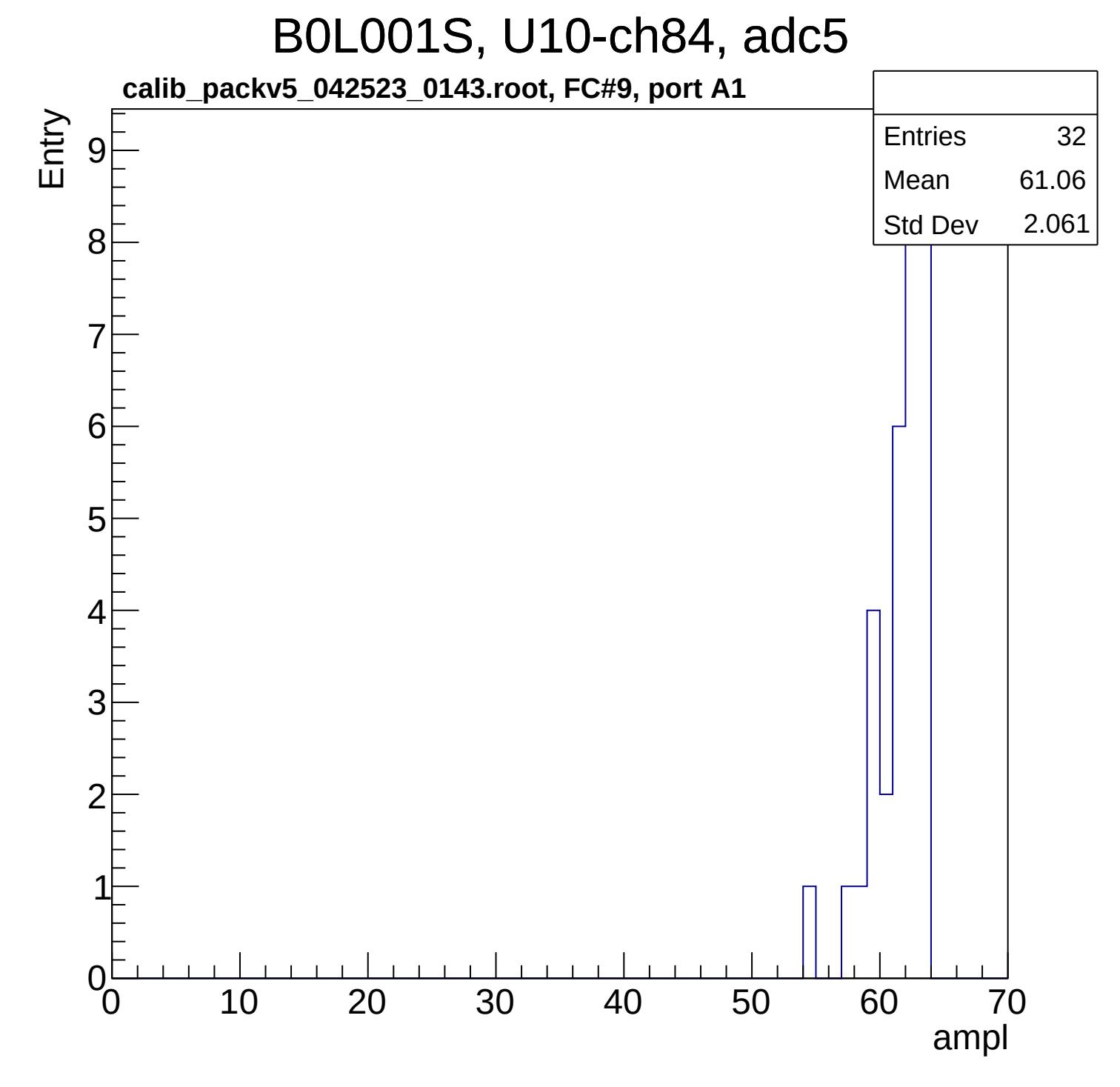
B0L001S, U10-ch84, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 61.06
Std Dev 2.061
Entry
ampl
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3
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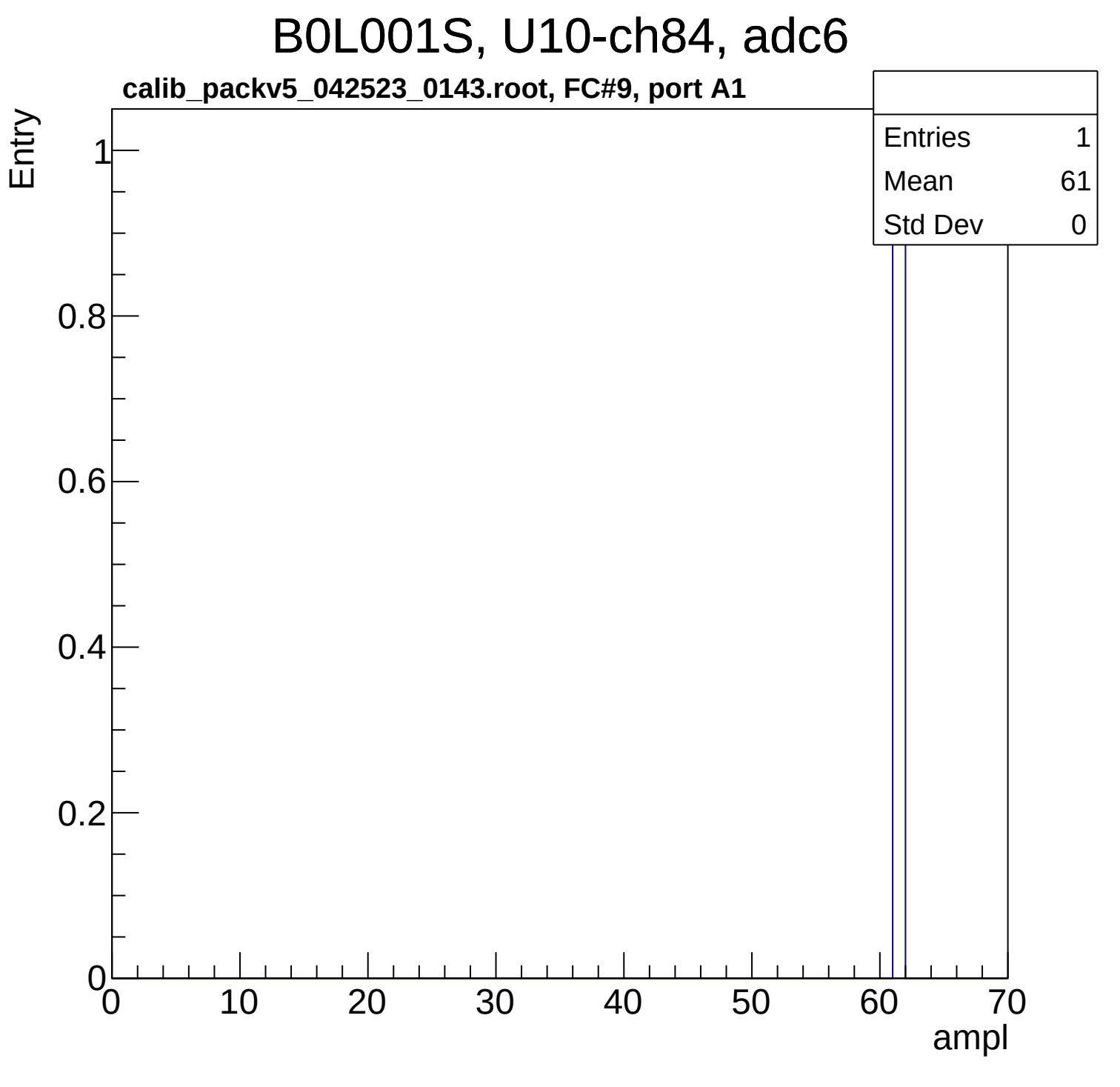
B0L001S, U10-ch84, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
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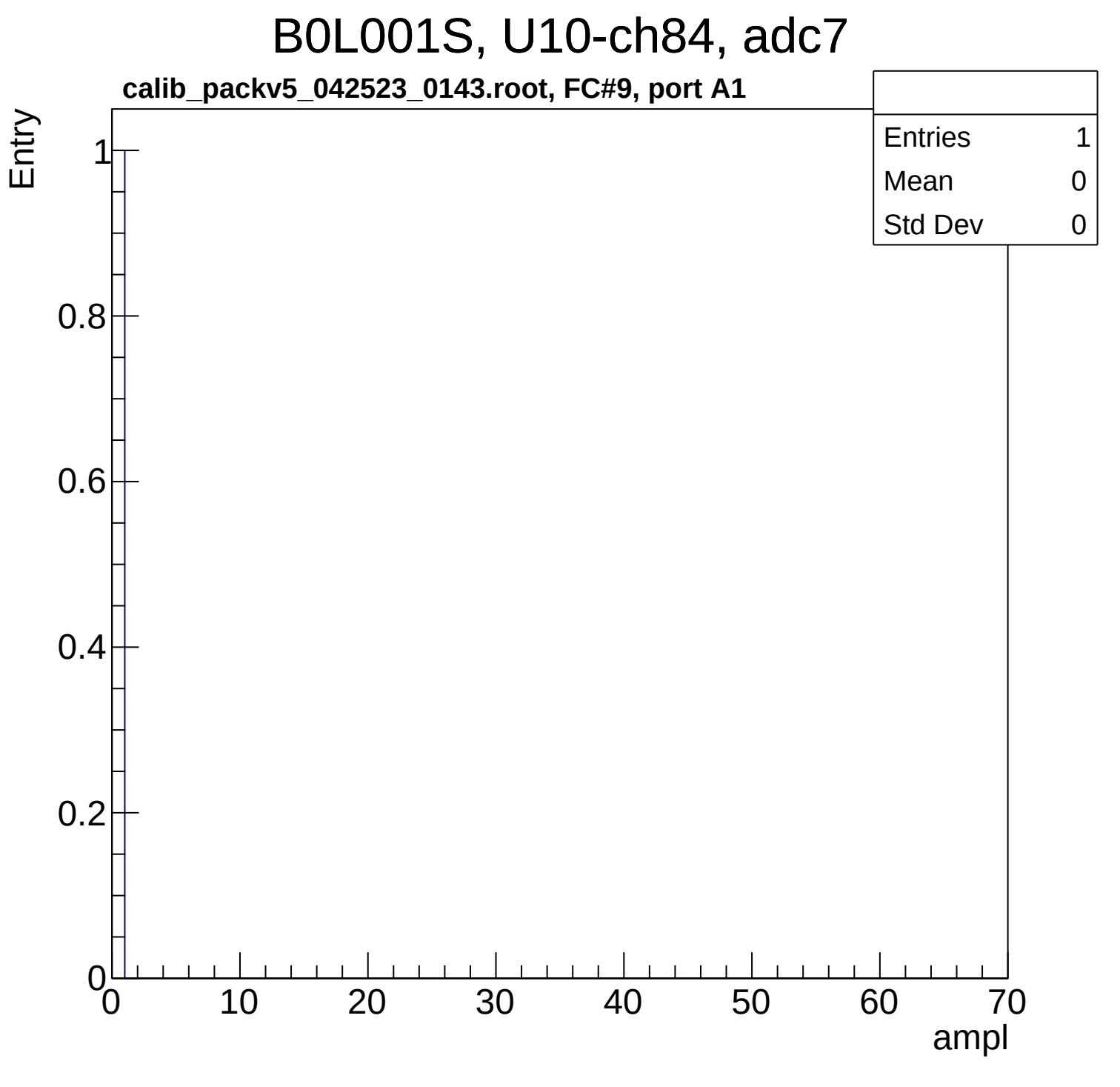
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch84, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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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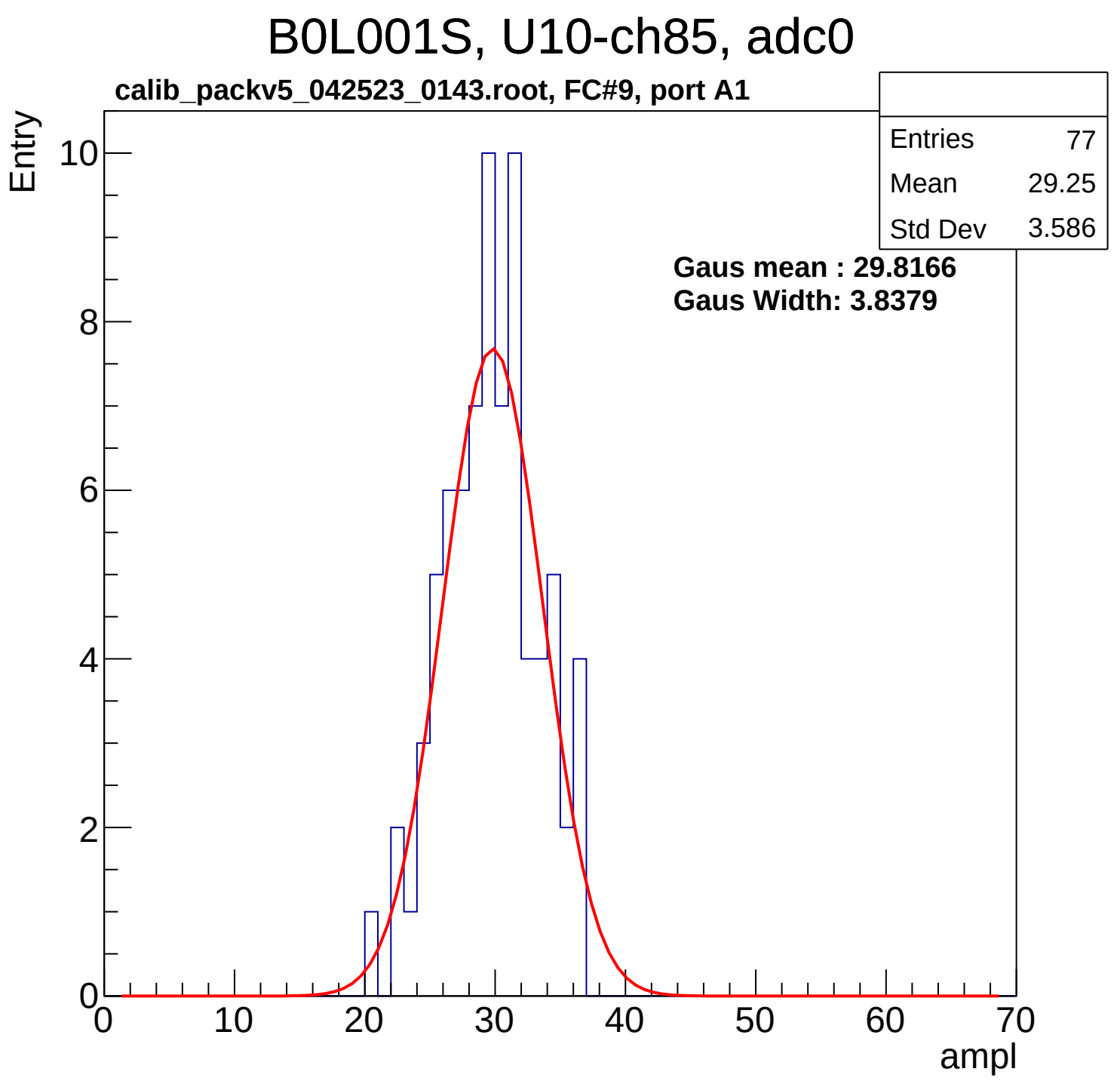
50
60
70
ampl


B0L001S, U10-ch85, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 29.25
Std Dev 3.586
Gaus mean : 29.8166
Gaus Width: 3.8379
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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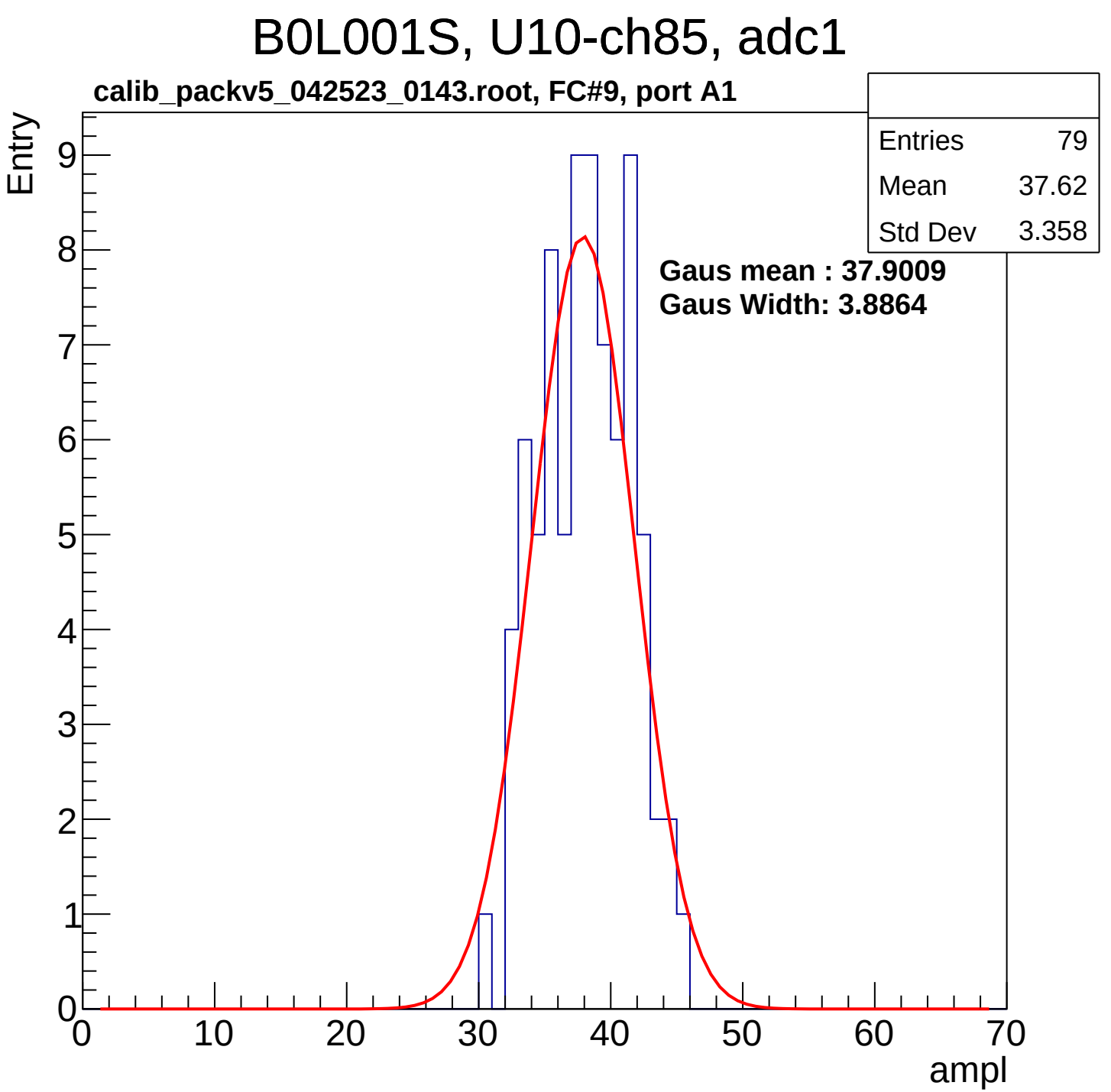
B0L001S, U10-ch85, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 37.62
Std Dev 3.358
Gaus mean : 37.9009
Gaus Width: 3.8864
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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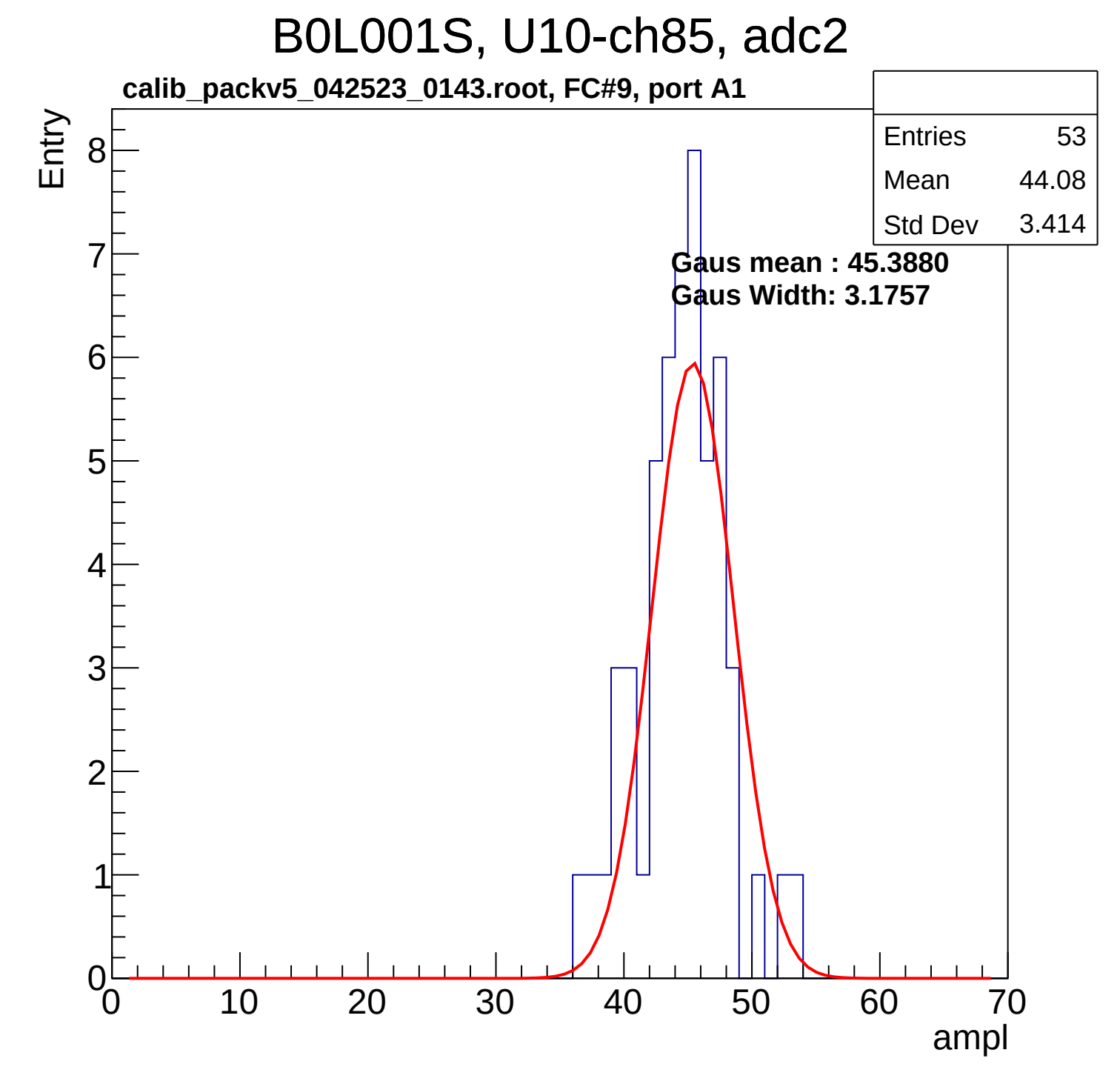
B0L001S, U10-ch85, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 44.08
Std Dev 3.414
Gaus mean : 45.3880
Gaus Width: 3.1757
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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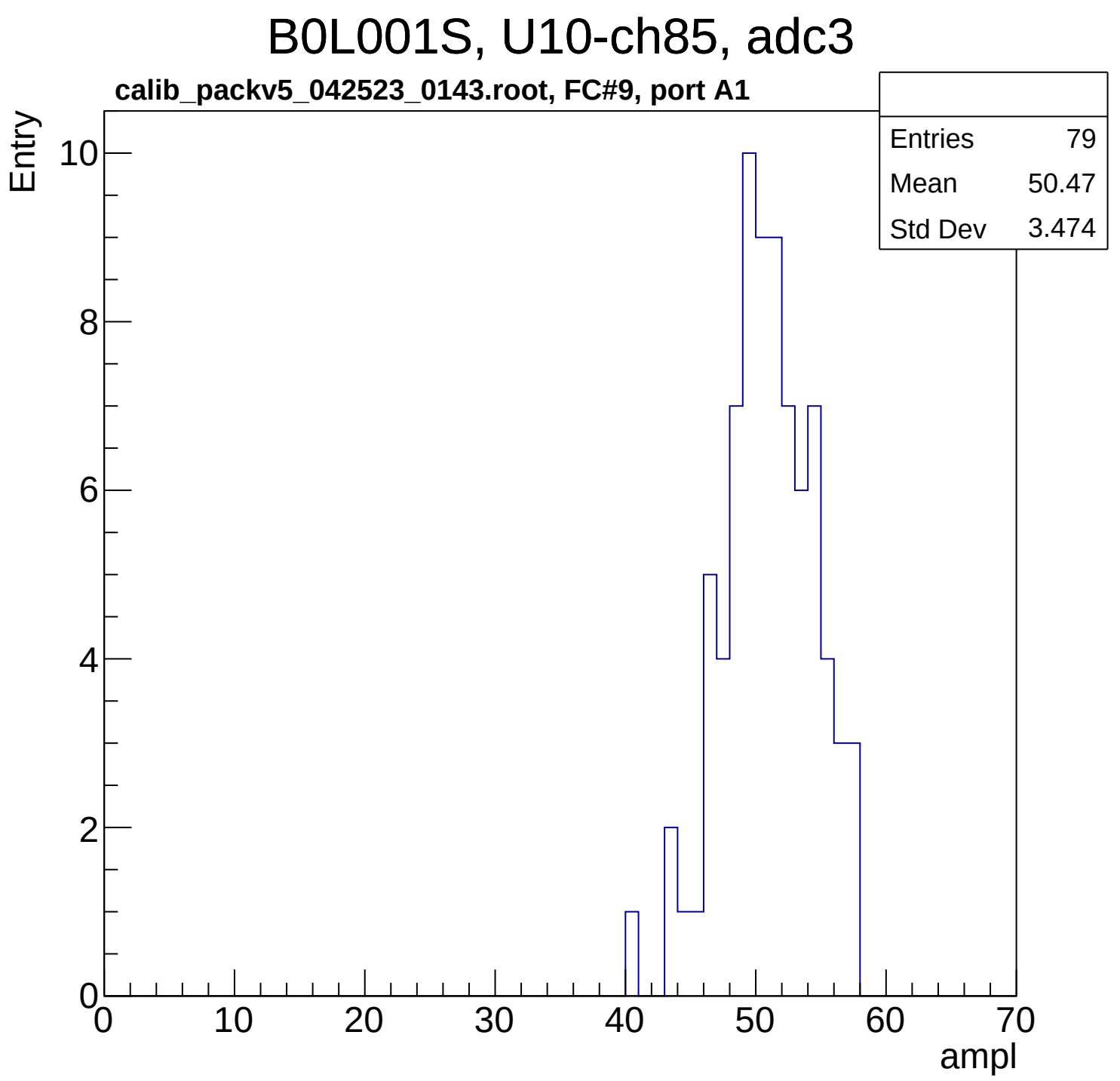
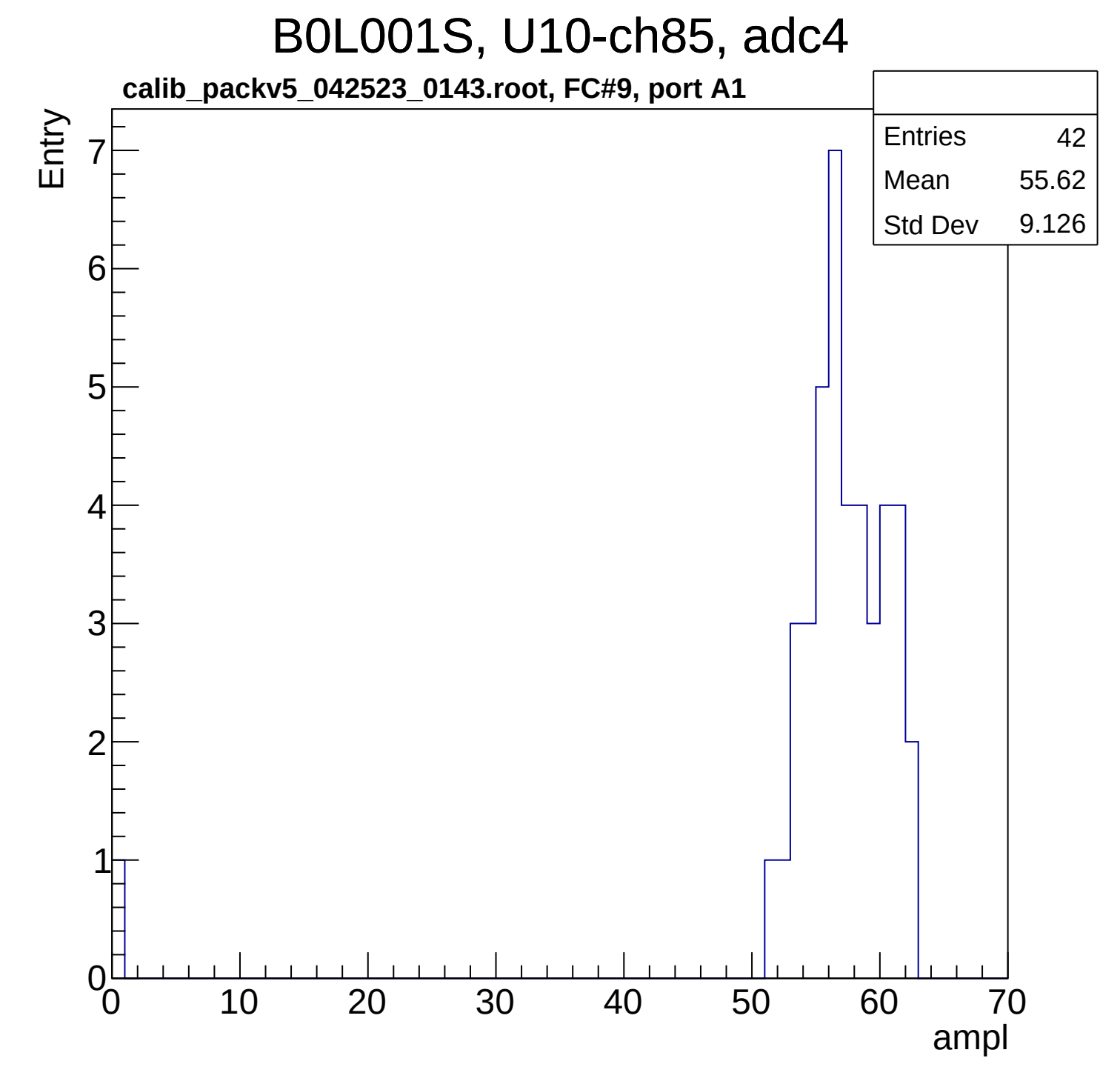
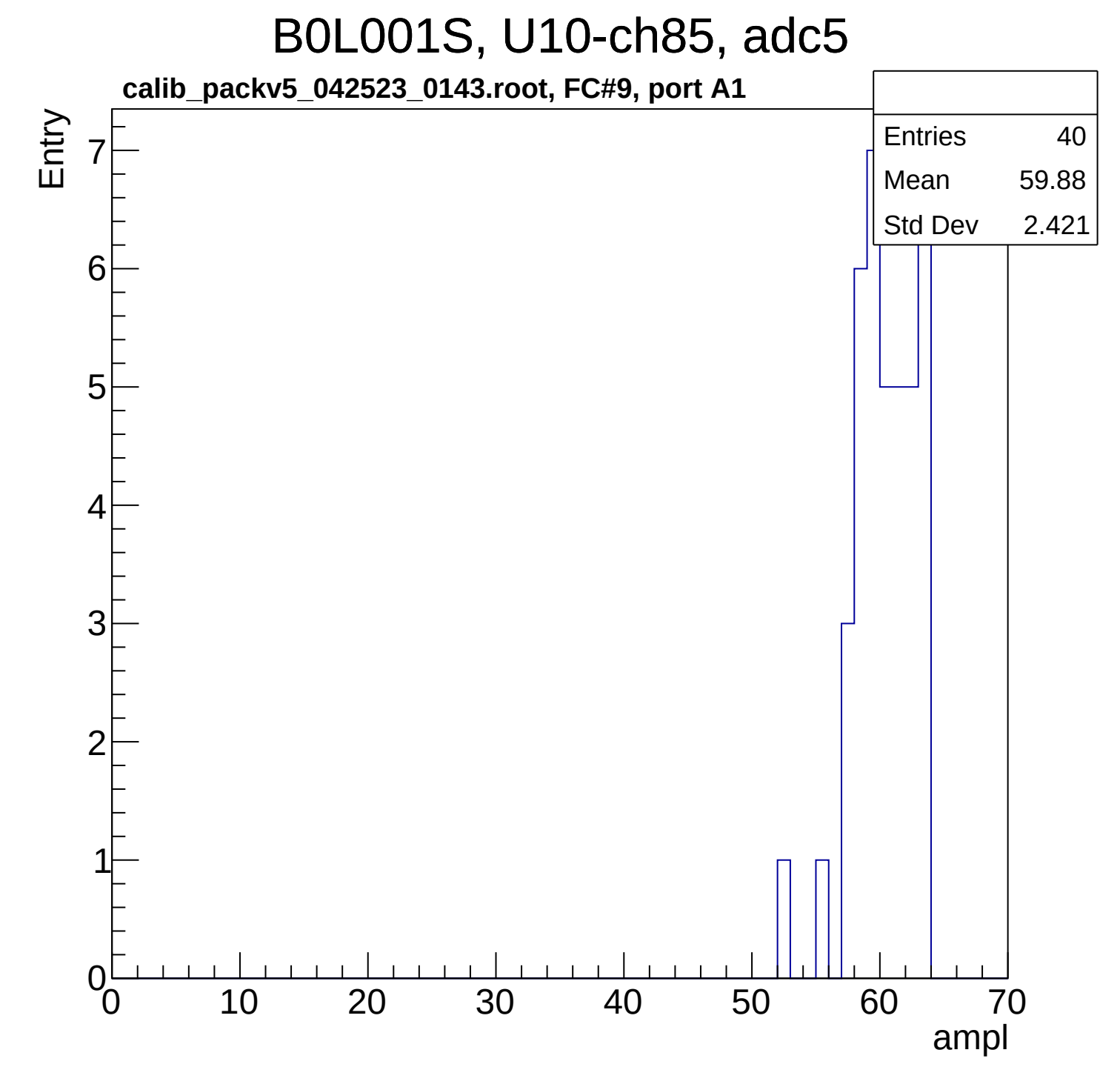
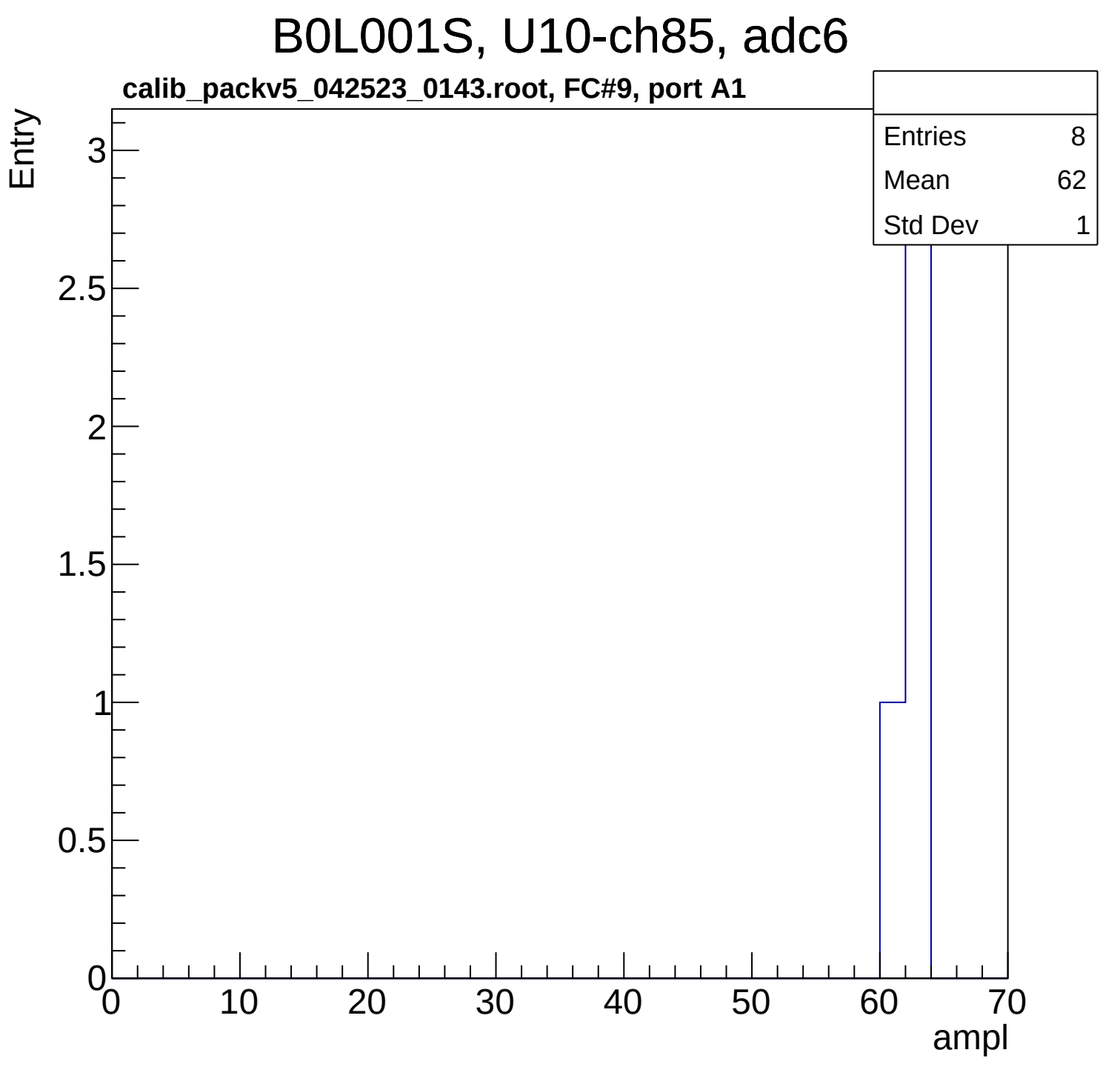
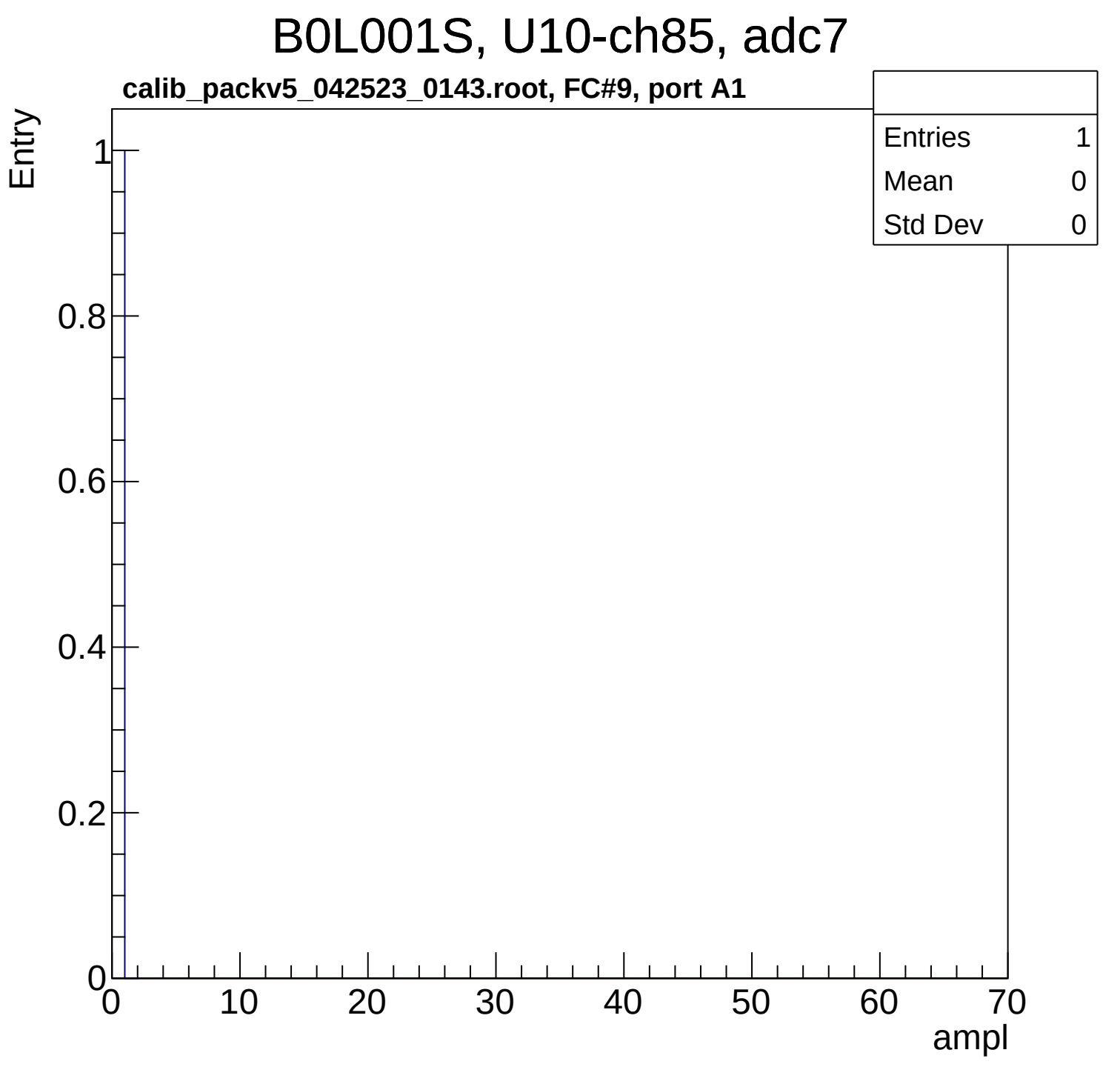
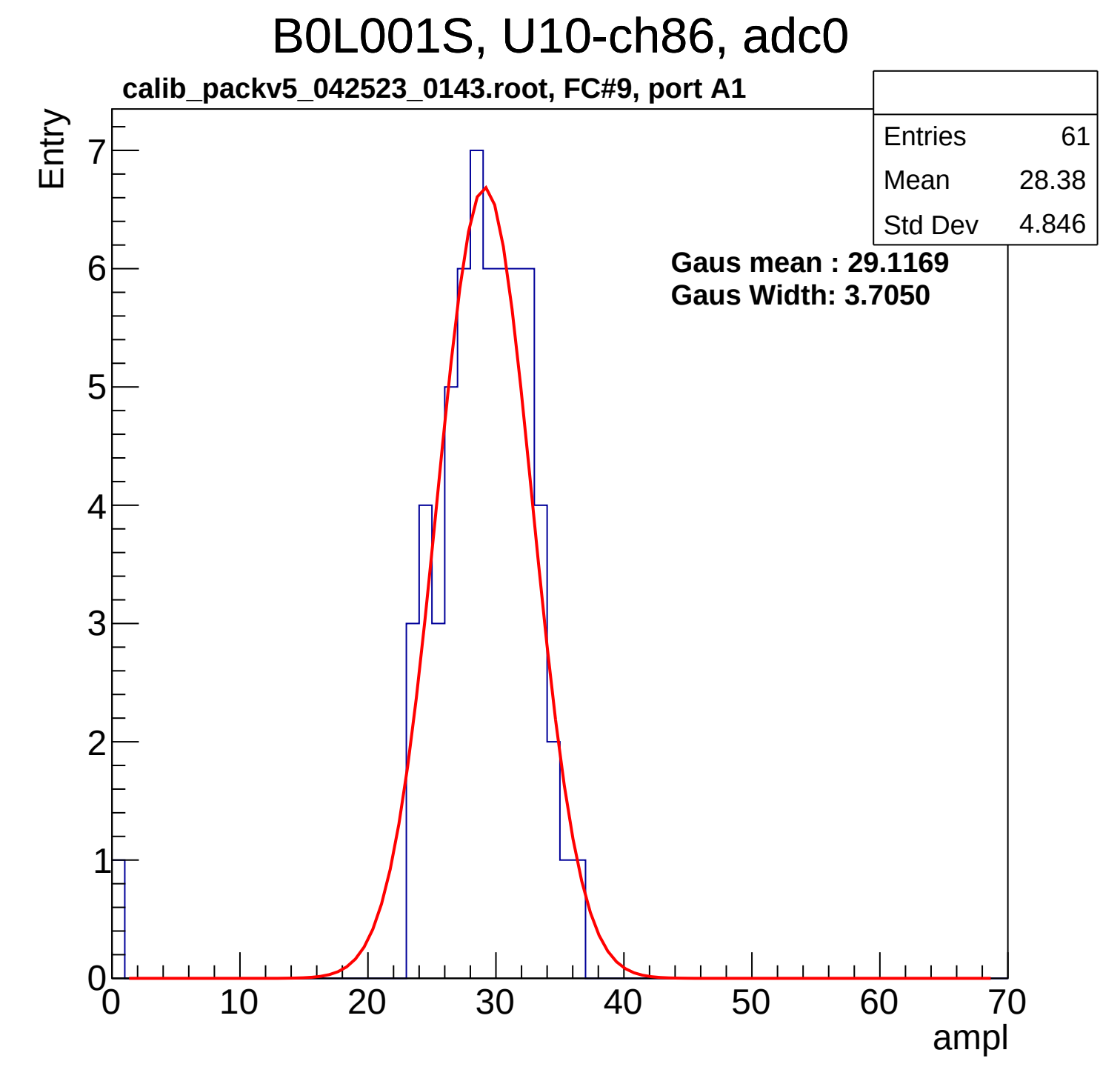

B0L001S, U10-ch85, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 50.47
Std Dev 3.474
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

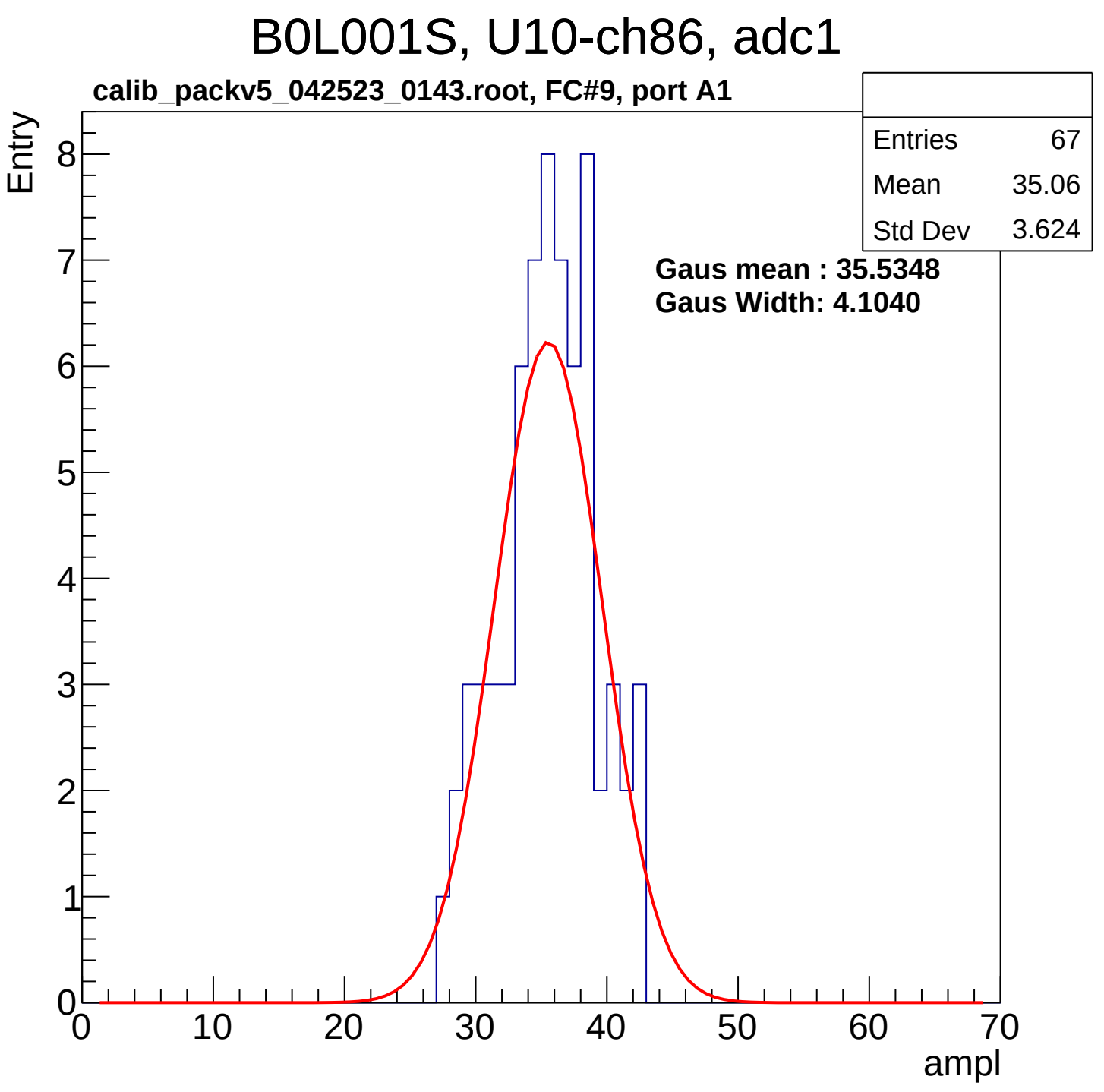

B0L001S, U10-ch85, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 55.62
Std Dev 9.126
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

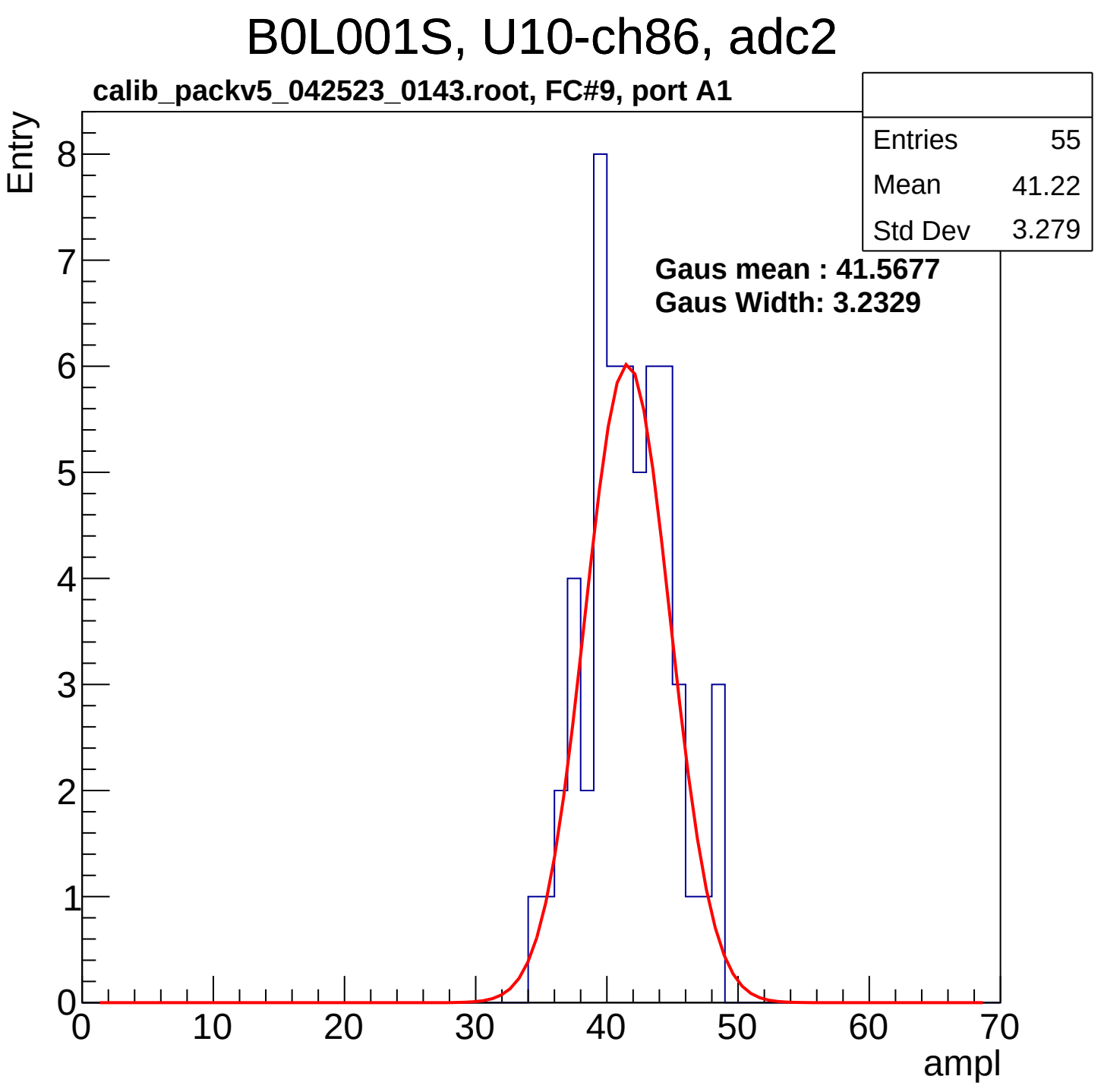

B0L001S, U10-ch85, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 59.88
Std Dev 2.421
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

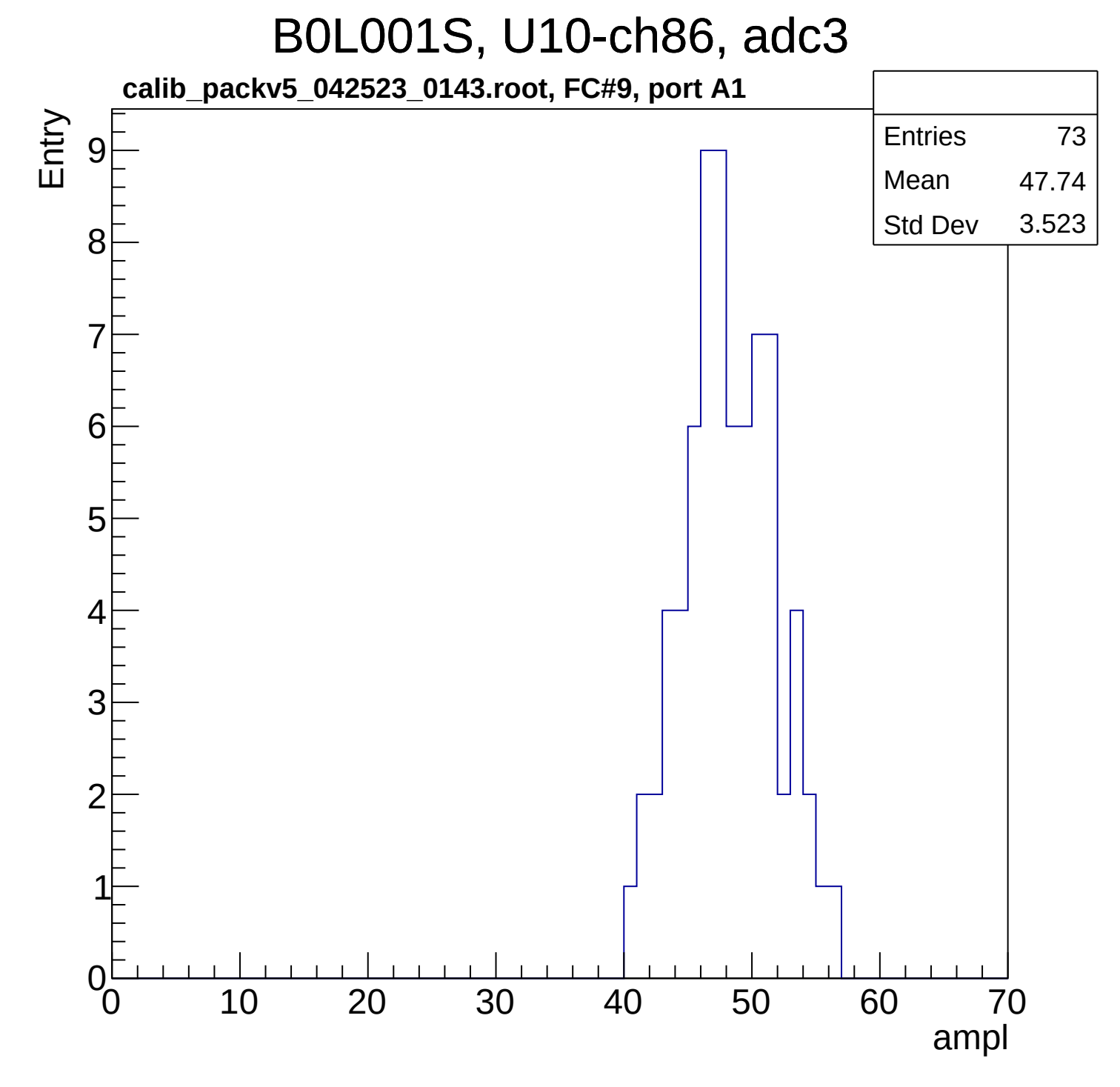

B0L001S, U10-ch85, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 62
Std Dev 1
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

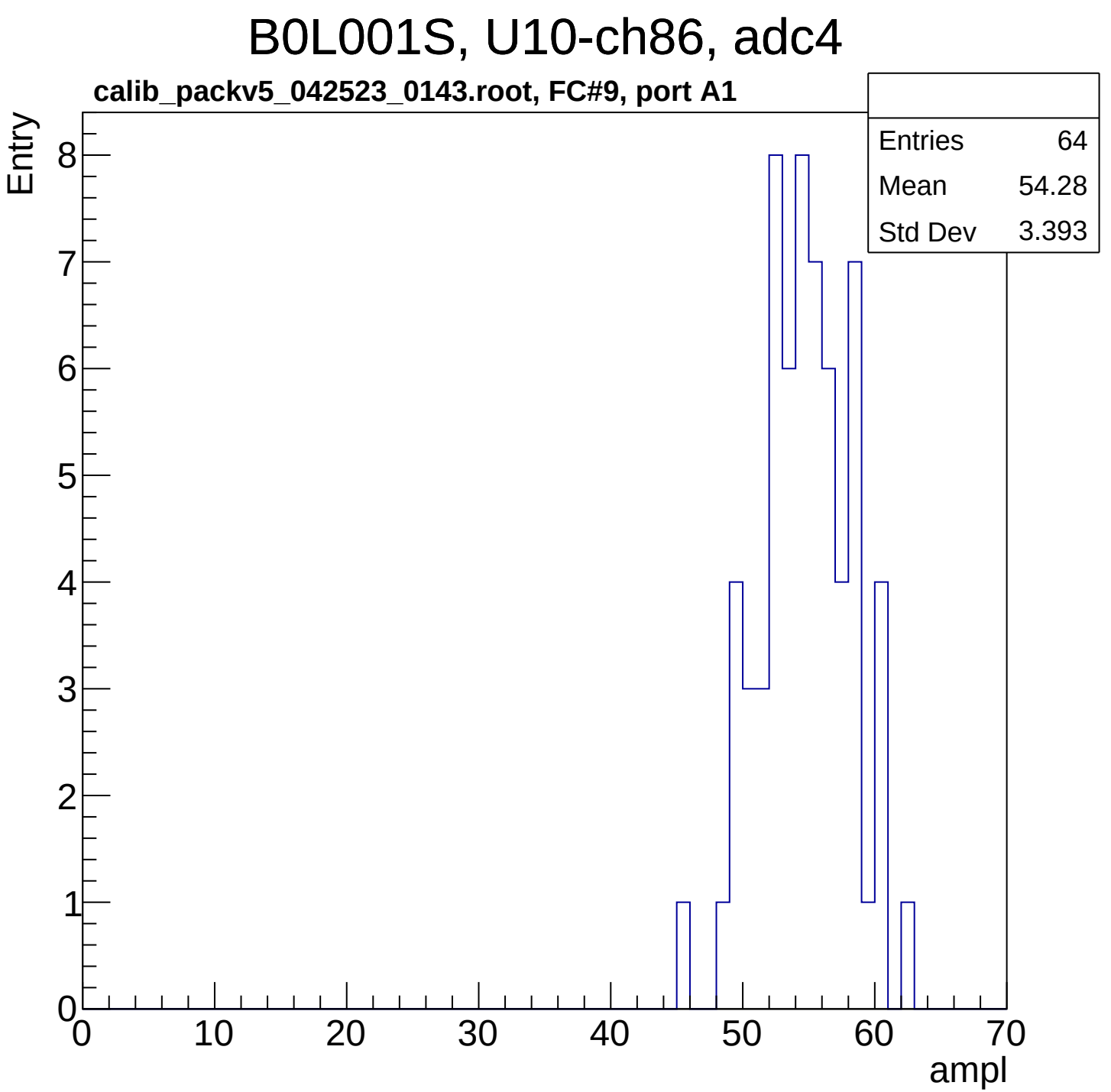

B0L001S, U10-ch85, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

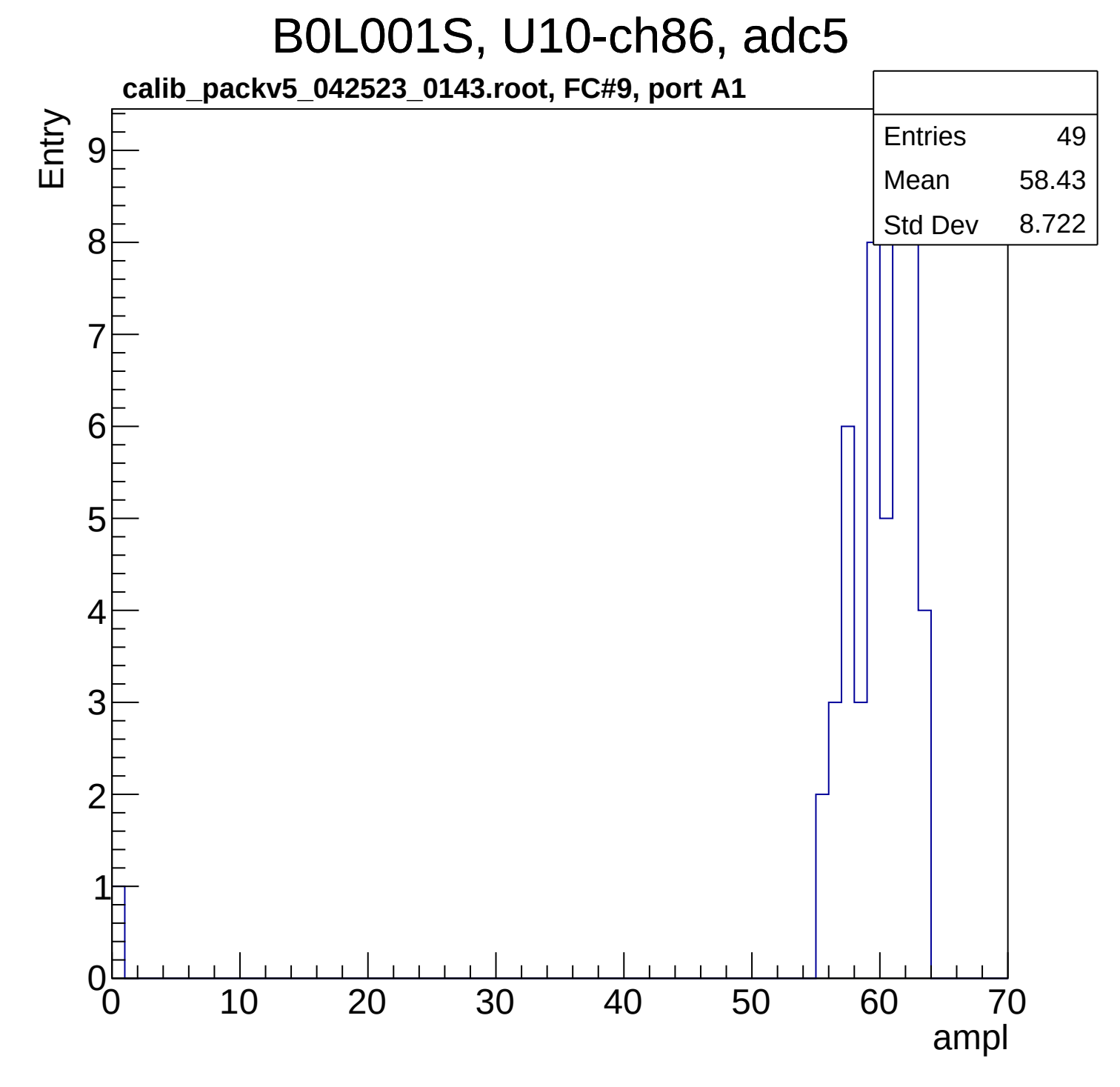

B0L001S, U10-ch86, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 28.38
Std Dev 4.846
Gaus mean : 29.1169
Gaus Width: 3.7050
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

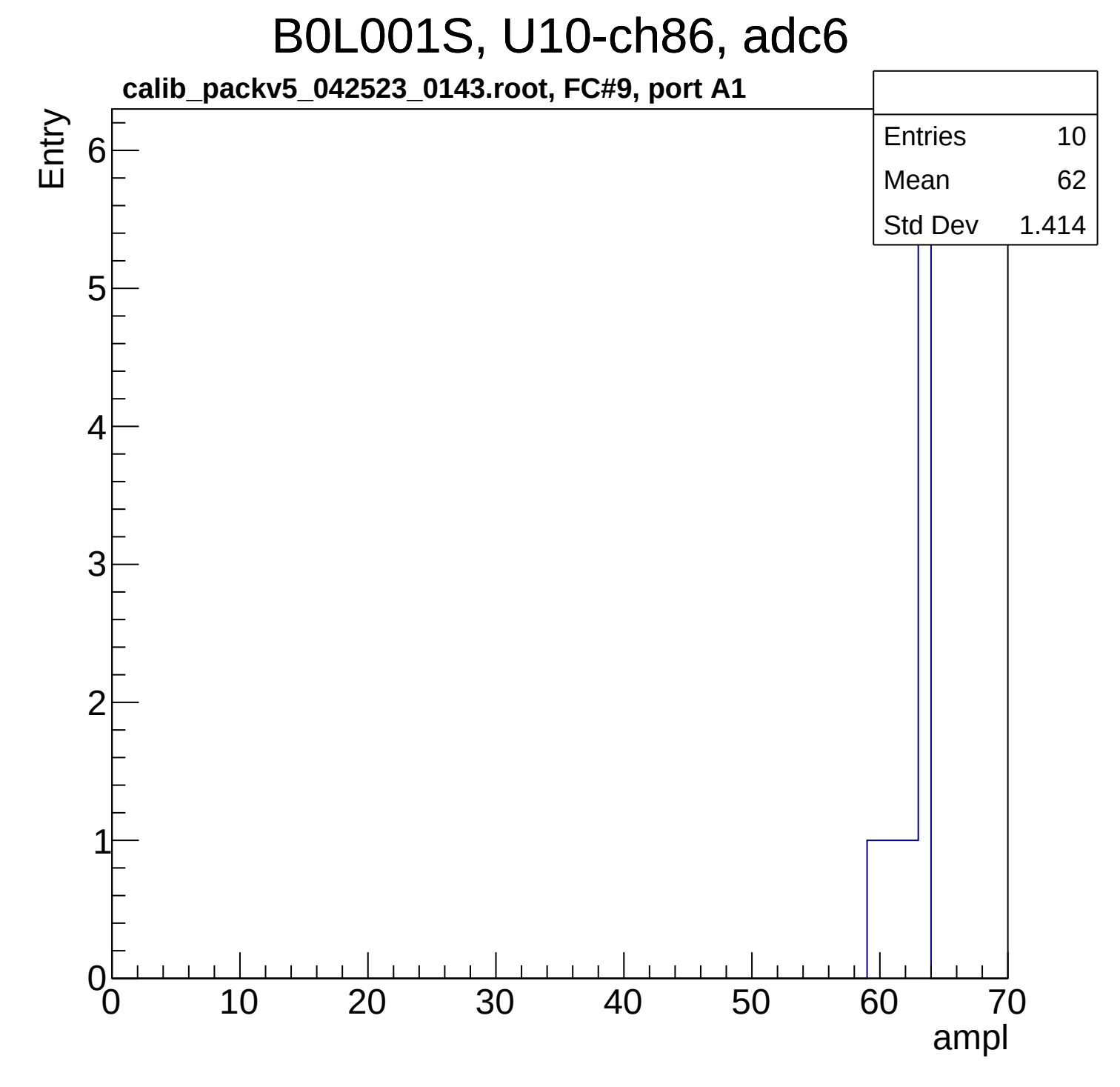

B0L001S, U10-ch86, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 35.06
Std Dev 3.624
Gaus mean : 35.5348
Gaus Width: 4.1040
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

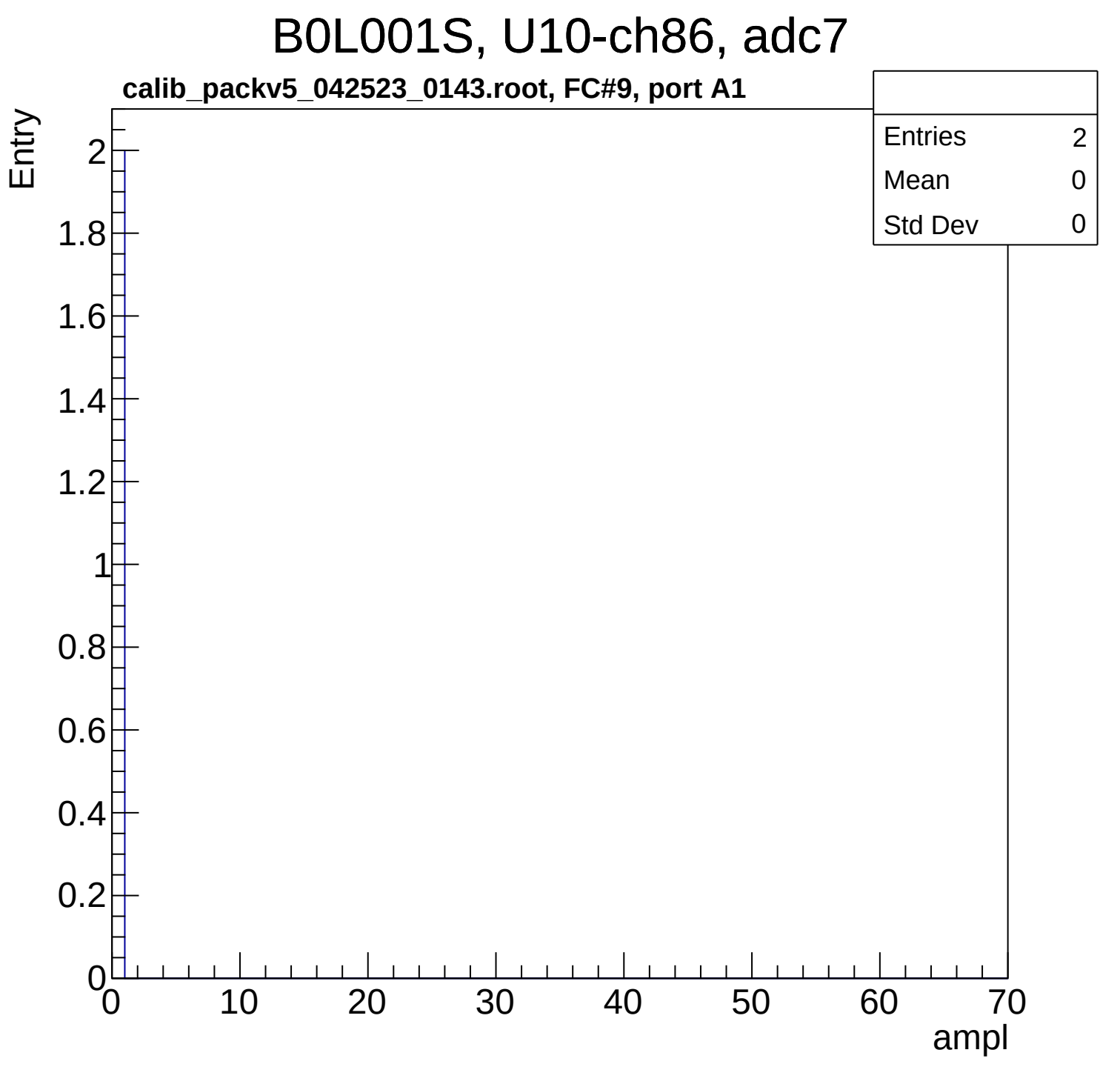

B0L001S, U10-ch86, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 41.22
Std Dev 3.279
Gaus mean : 41.5677
Gaus Width: 3.2329
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

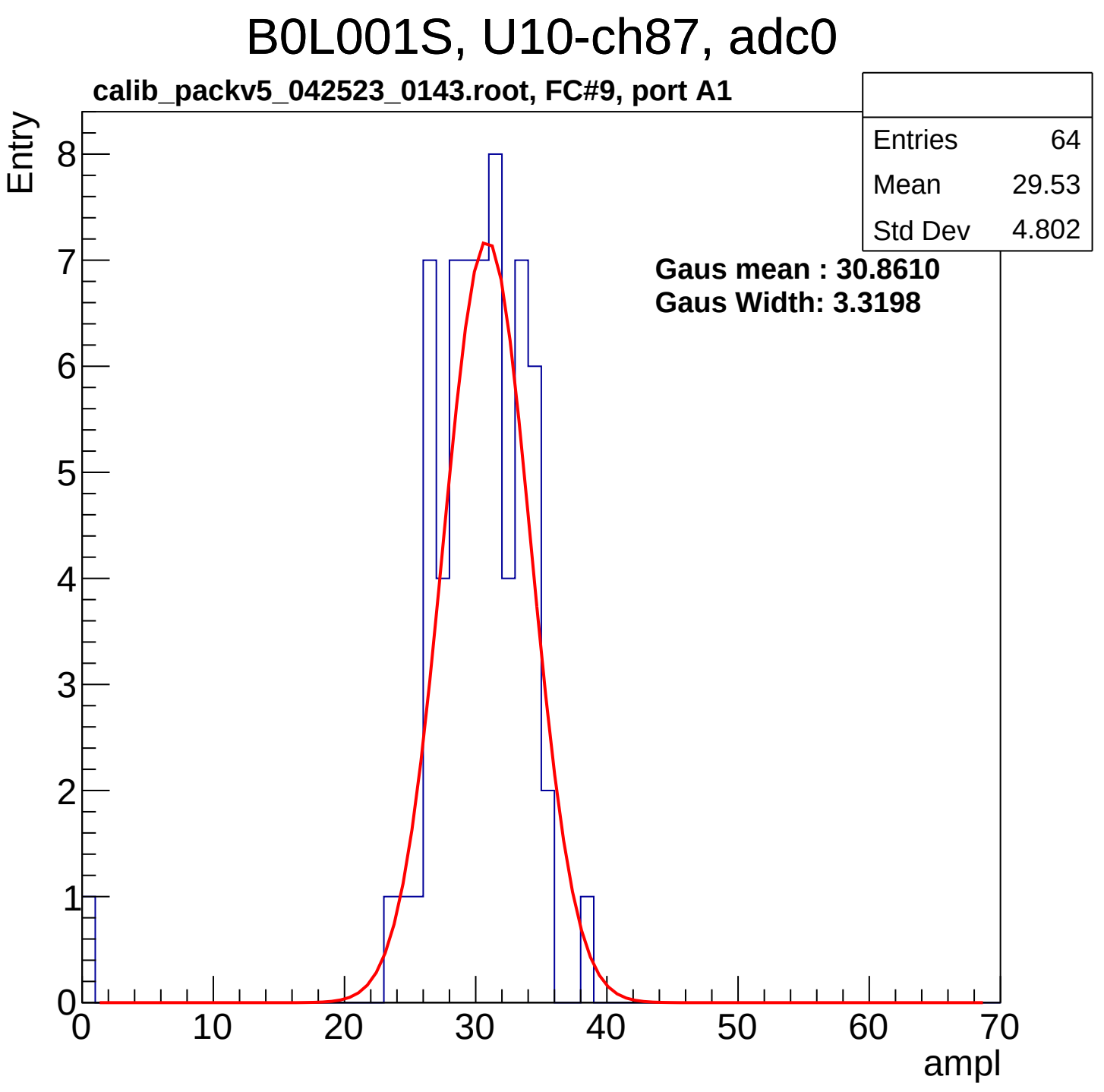

B0L001S, U10-ch86, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 47.74
Std Dev 3.523
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

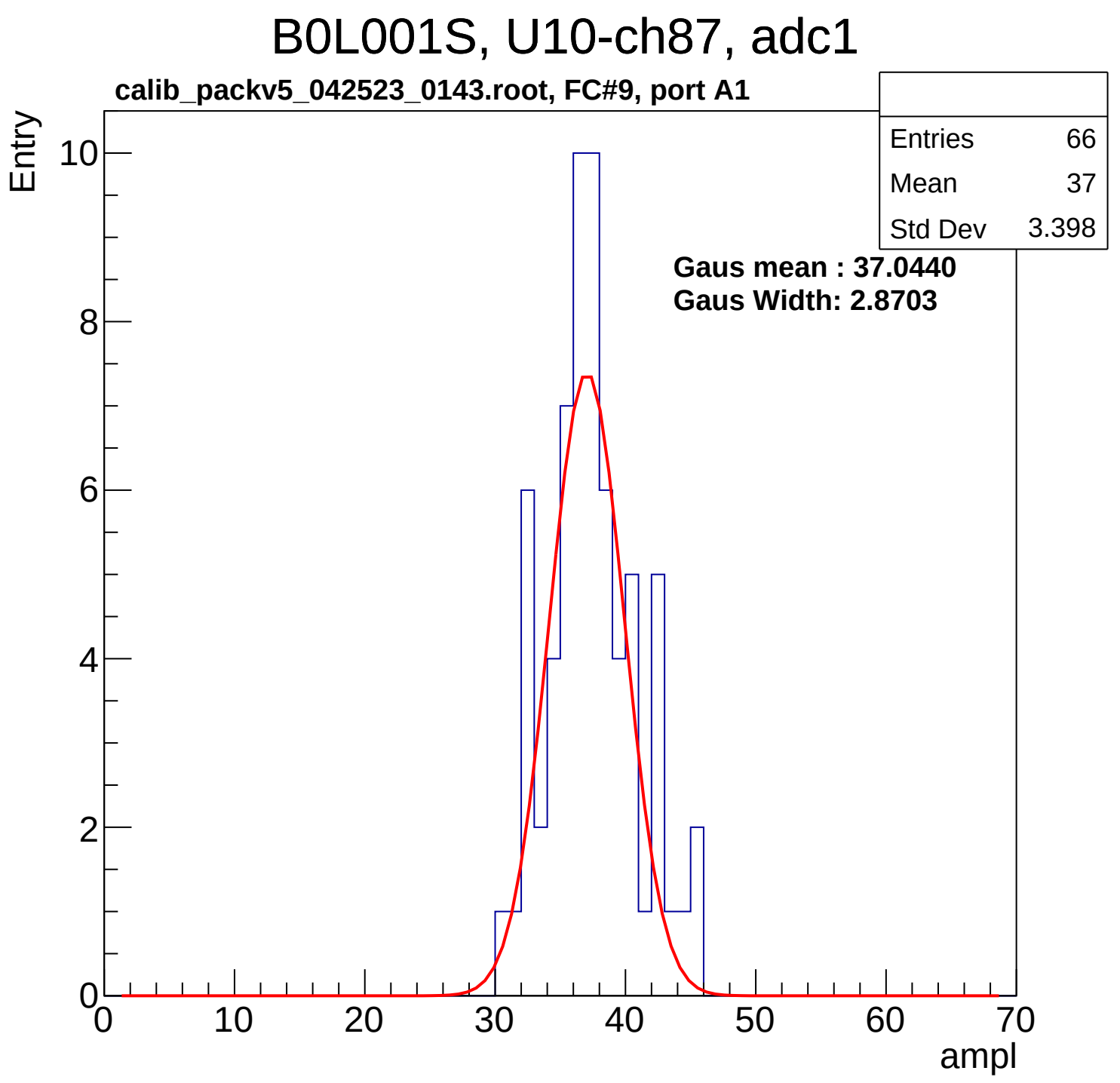

B0L001S, U10-ch86, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 54.28
Std Dev 3.393
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

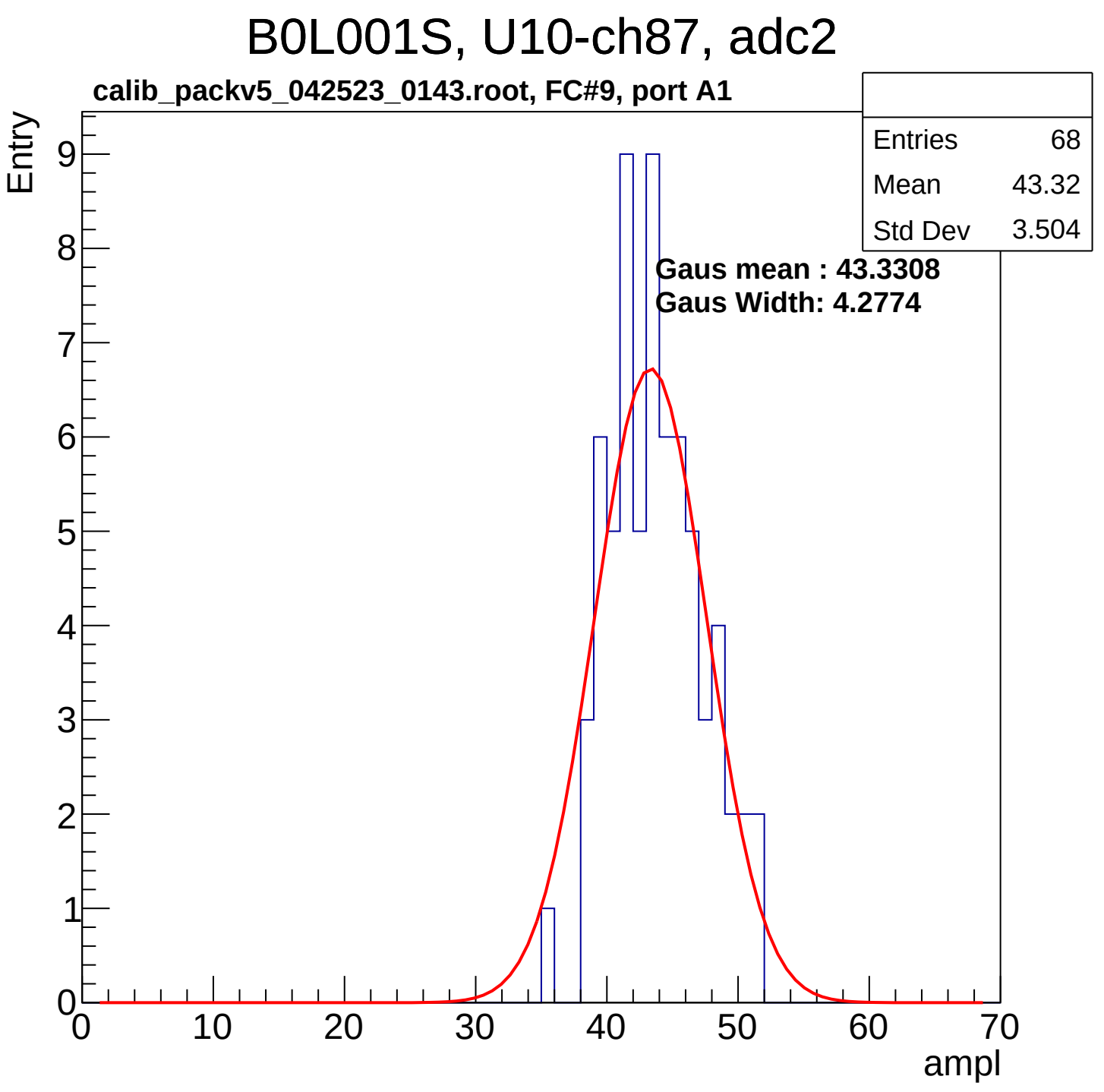

B0L001S, U10-ch86, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 58.43
Std Dev 8.722
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

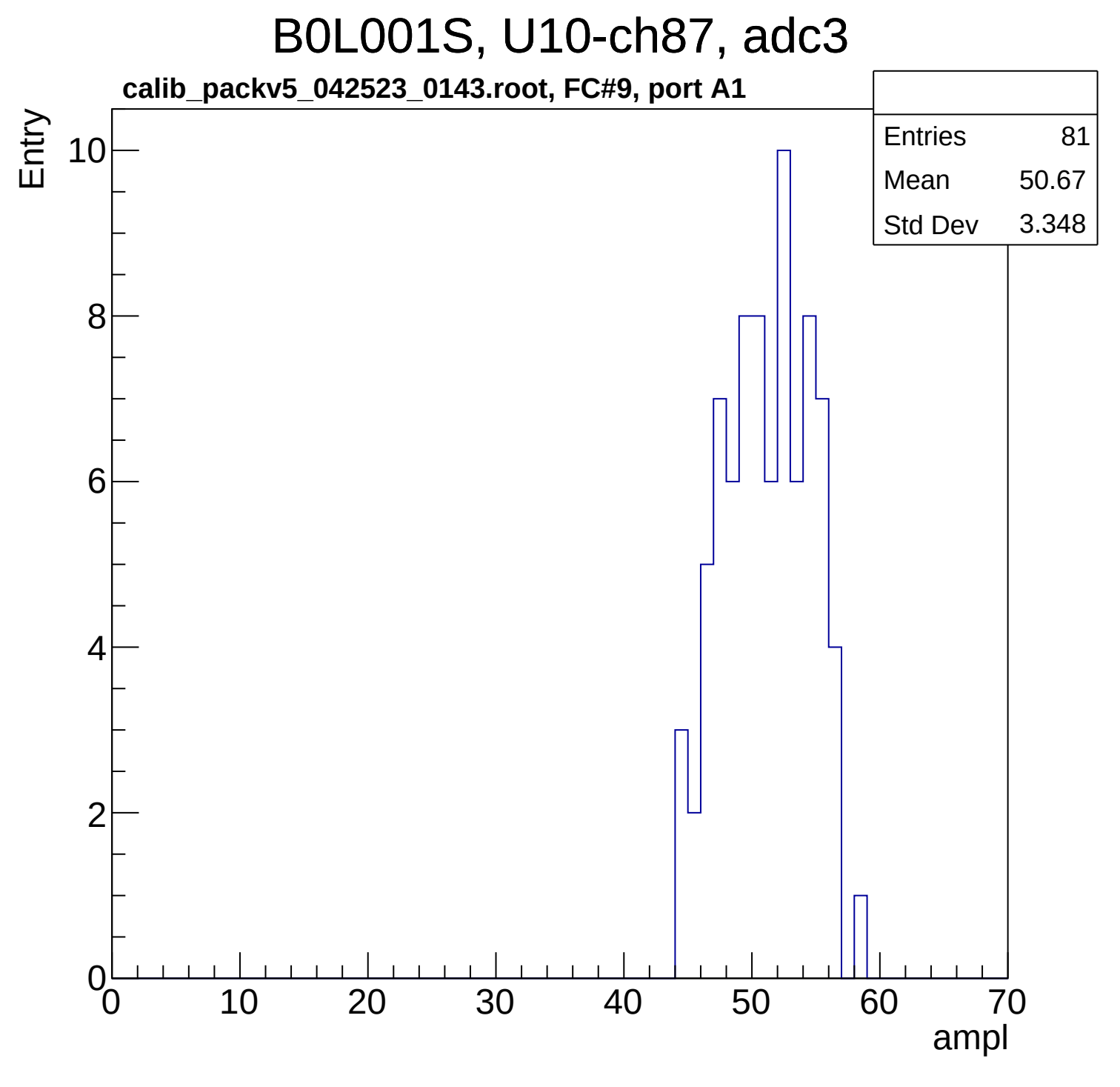

B0L001S, U10-ch86, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 10
Mean 62
Std Dev 1.414
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

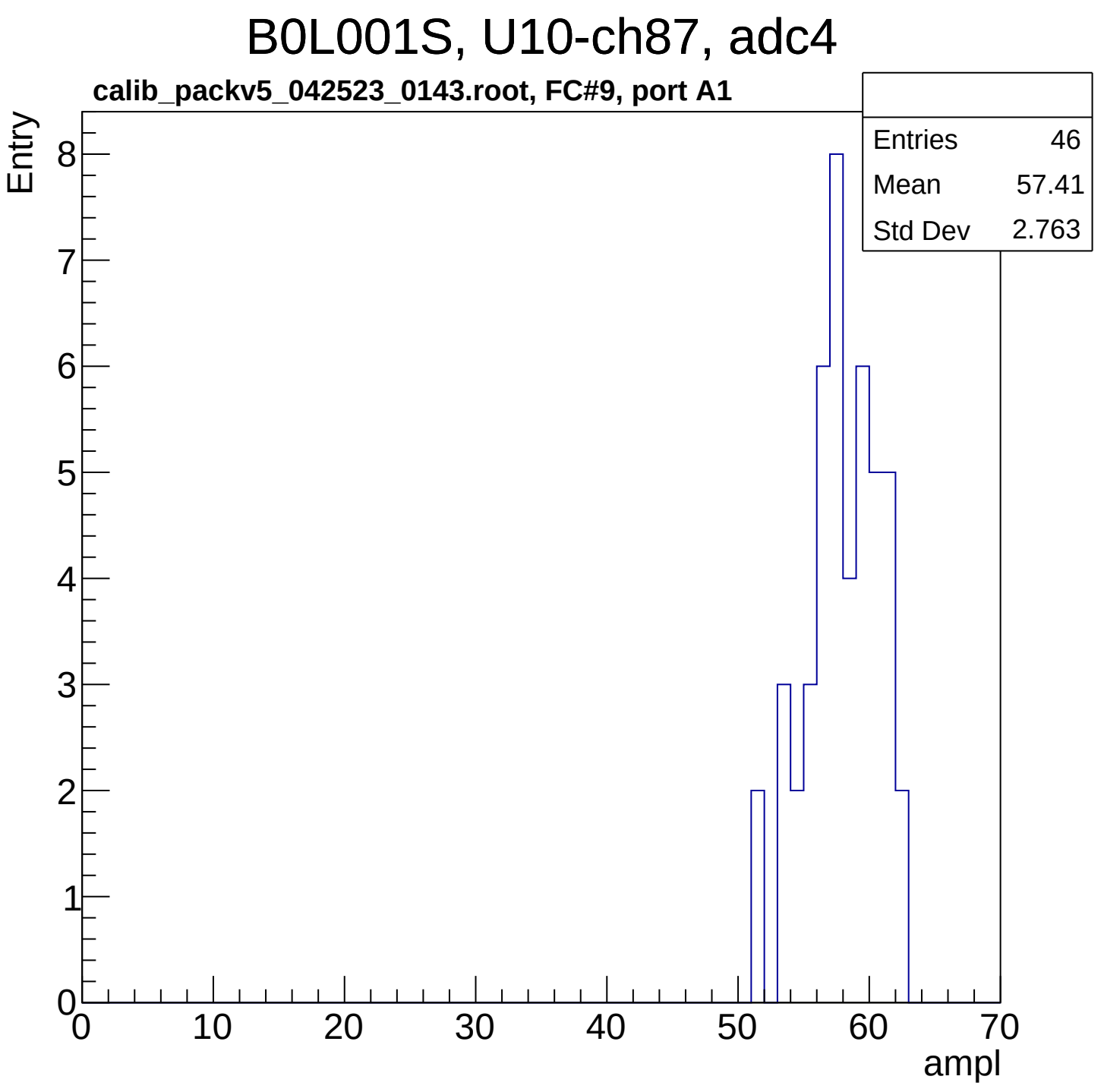

B0L001S, U10-ch86, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch87, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 29.53
Std Dev 4.802
Gaus mean : 30.8610
Gaus Width: 3.3198
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch87, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 37
Std Dev 3.398
Gaus mean : 37.0440
Gaus Width: 2.8703
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch87, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 43.32
Std Dev 3.504
Gaus mean : 43.3308
Gaus Width: 4.2774
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch87, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 50.67
Std Dev 3.348
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch87, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 57.41
Std Dev 2.763
Entry
ampl
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3
4
5
6
7
8
0
10
20
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40
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60
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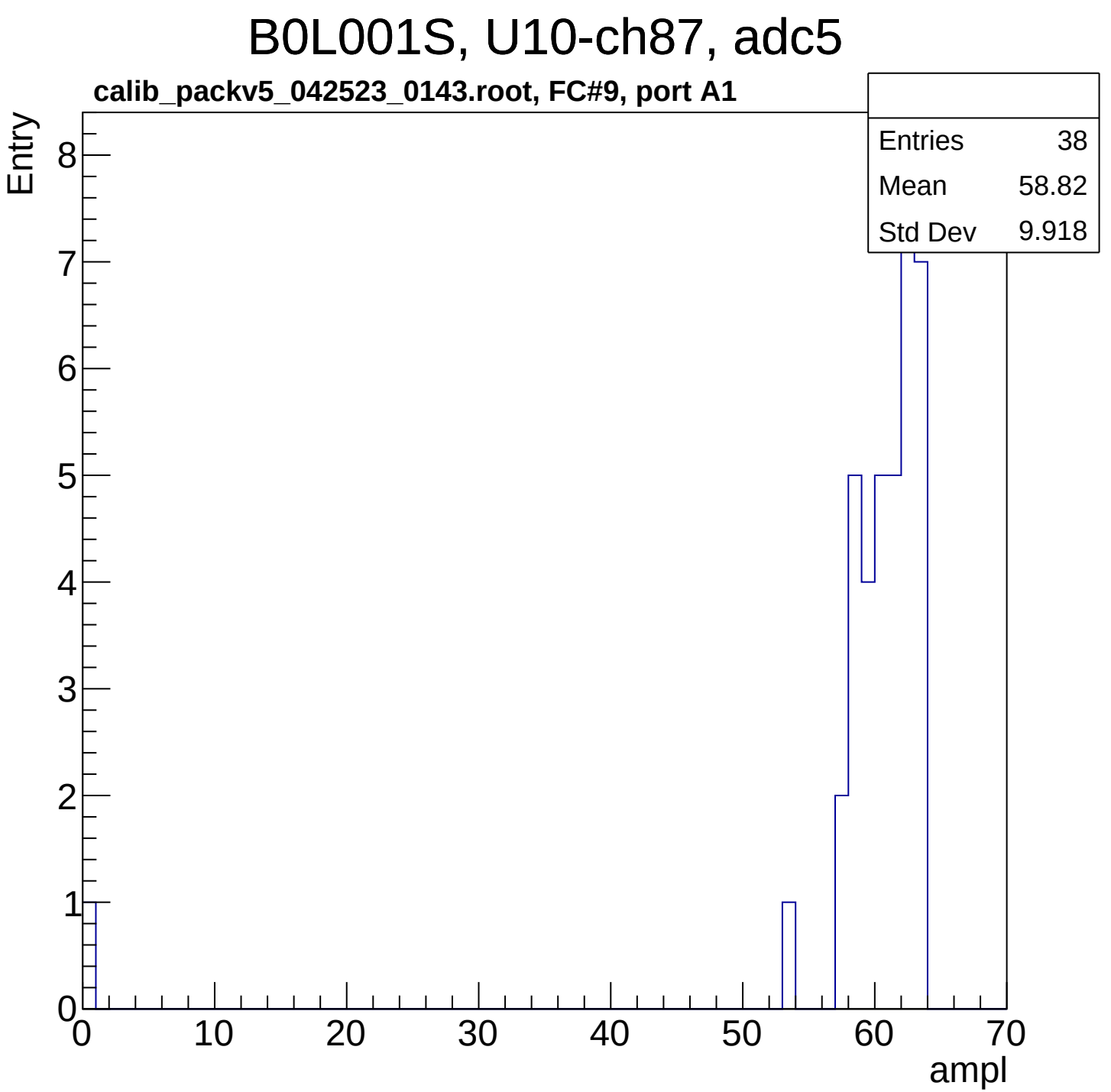
B0L001S, U10-ch87, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.82
Std Dev 9.918
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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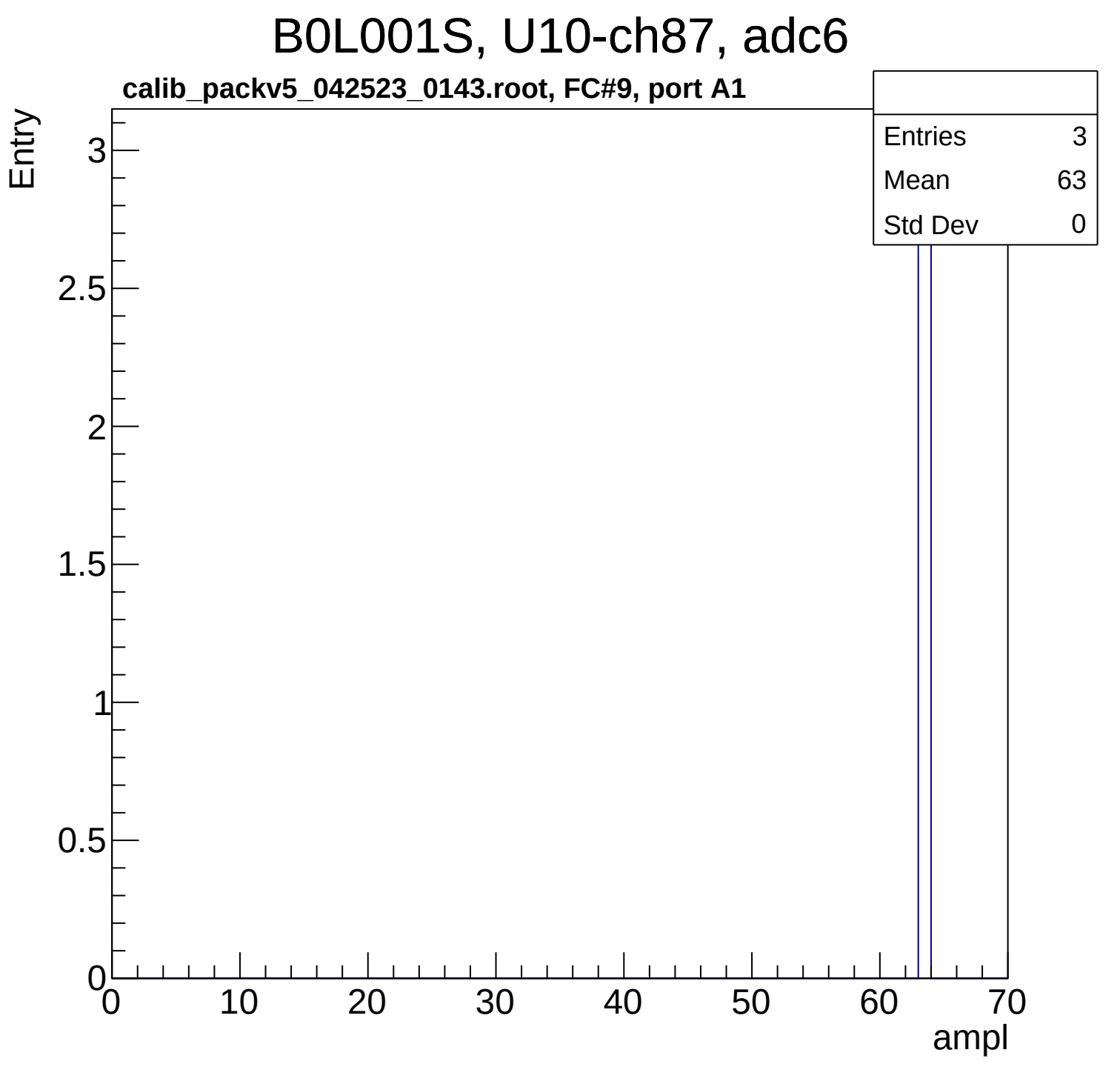
B0L001S, U10-ch87, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
ampl
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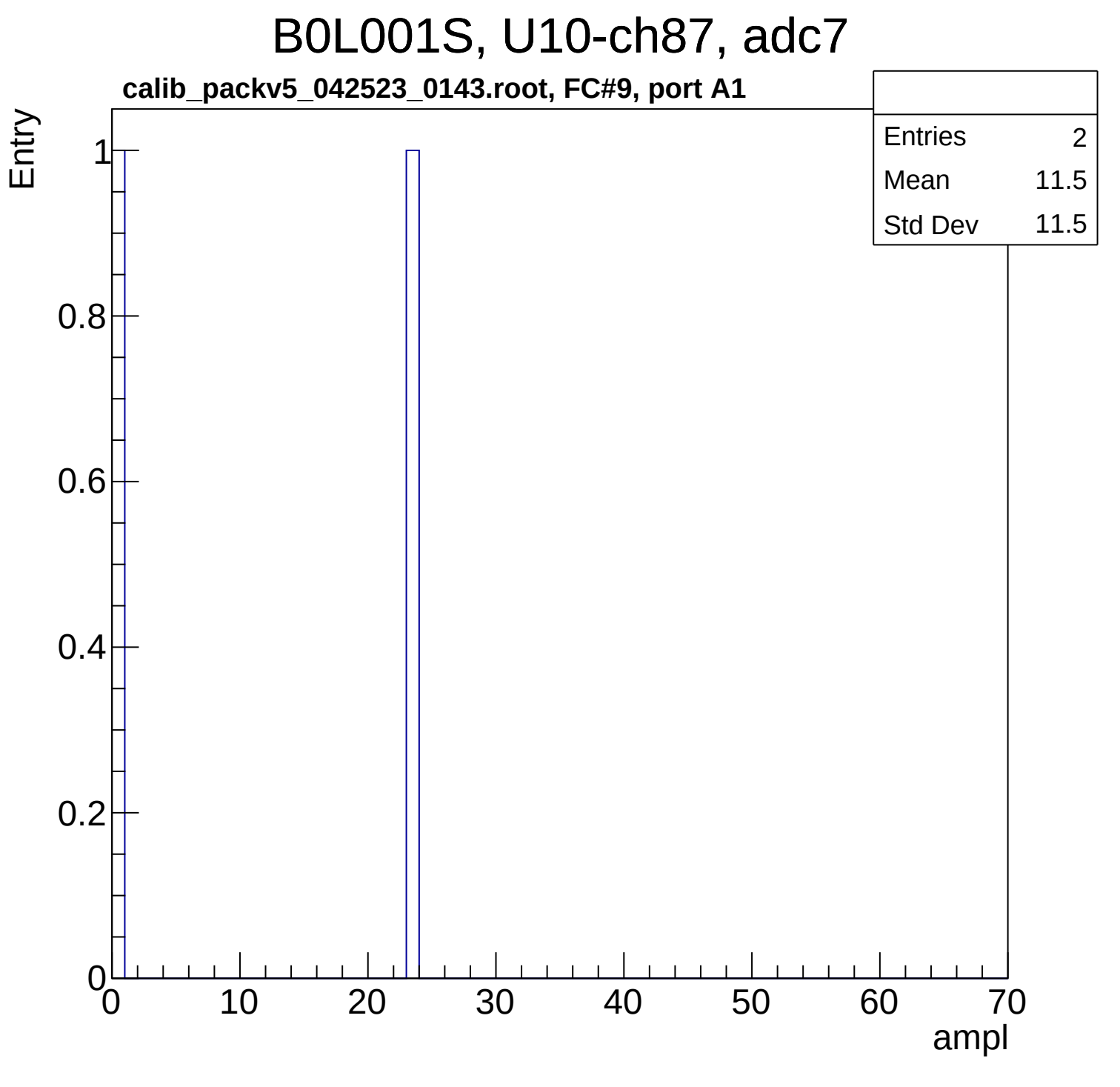
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch87, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
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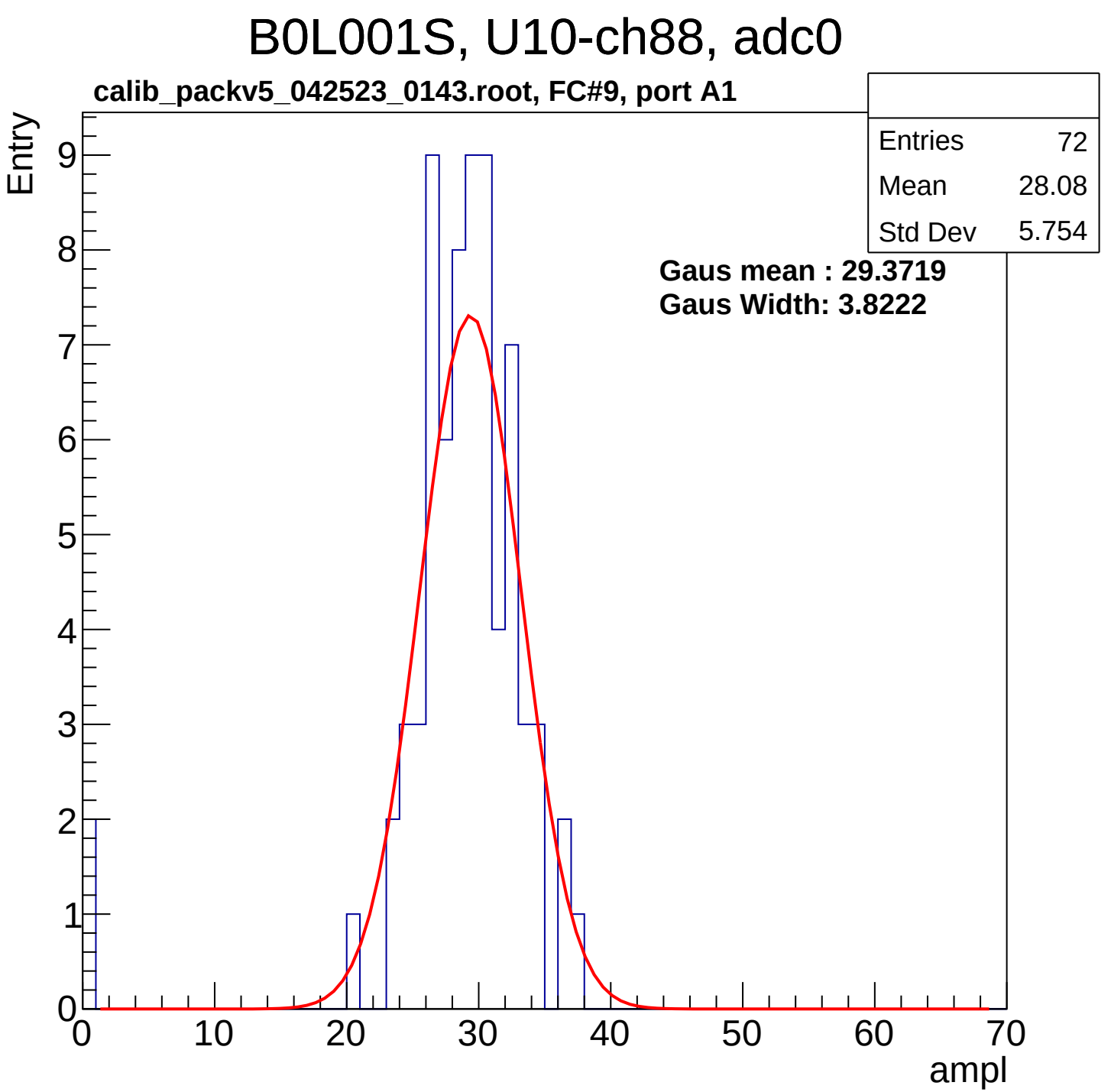
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch88, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 28.08
Std Dev 5.754
Gaus mean : 29.3719
Gaus Width: 3.8222
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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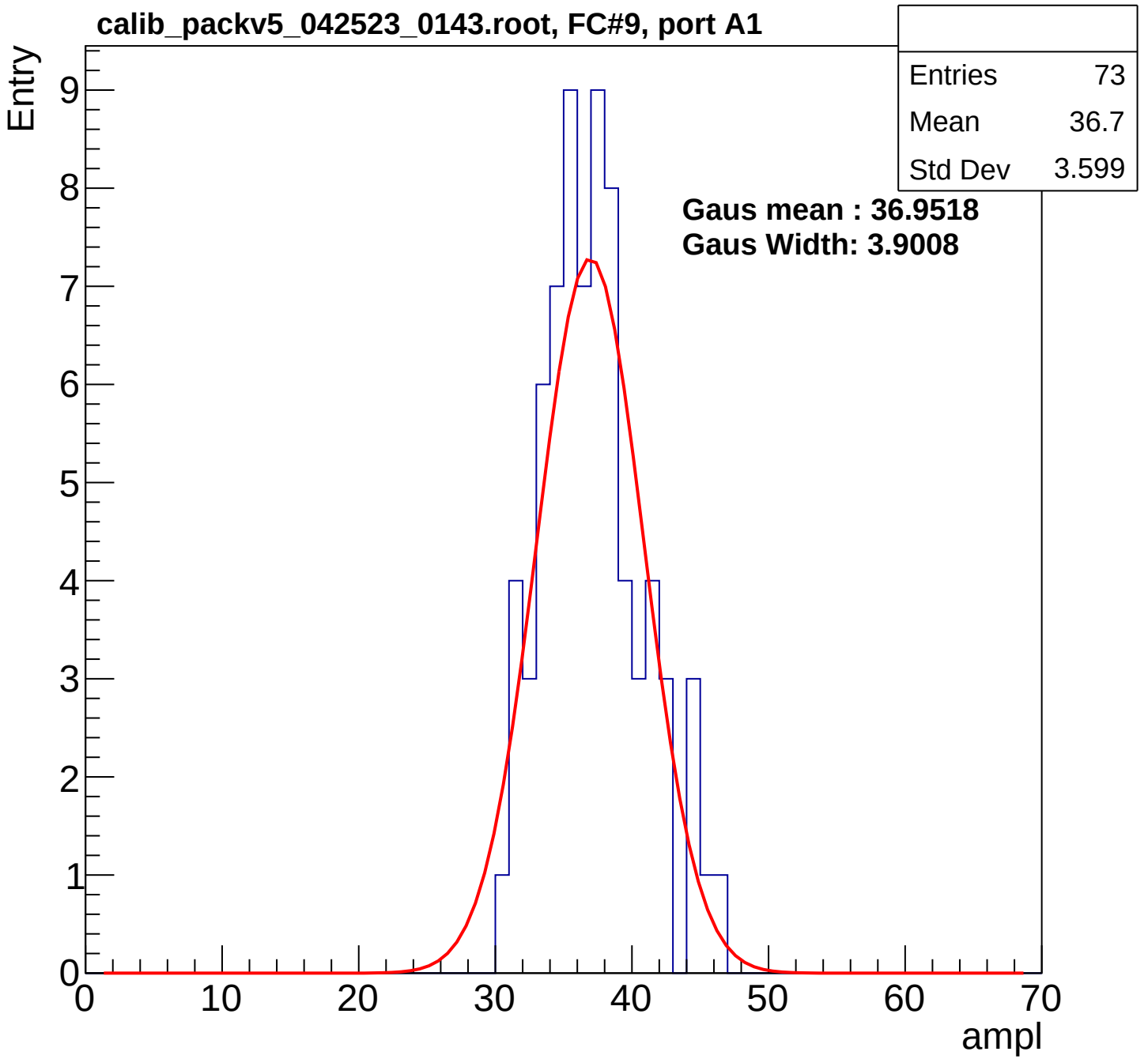
B0L001S, U10-ch88, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 36.7
Std Dev 3.599
Gaus mean : 36.9518
Gaus Width: 3.9008
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
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50
60
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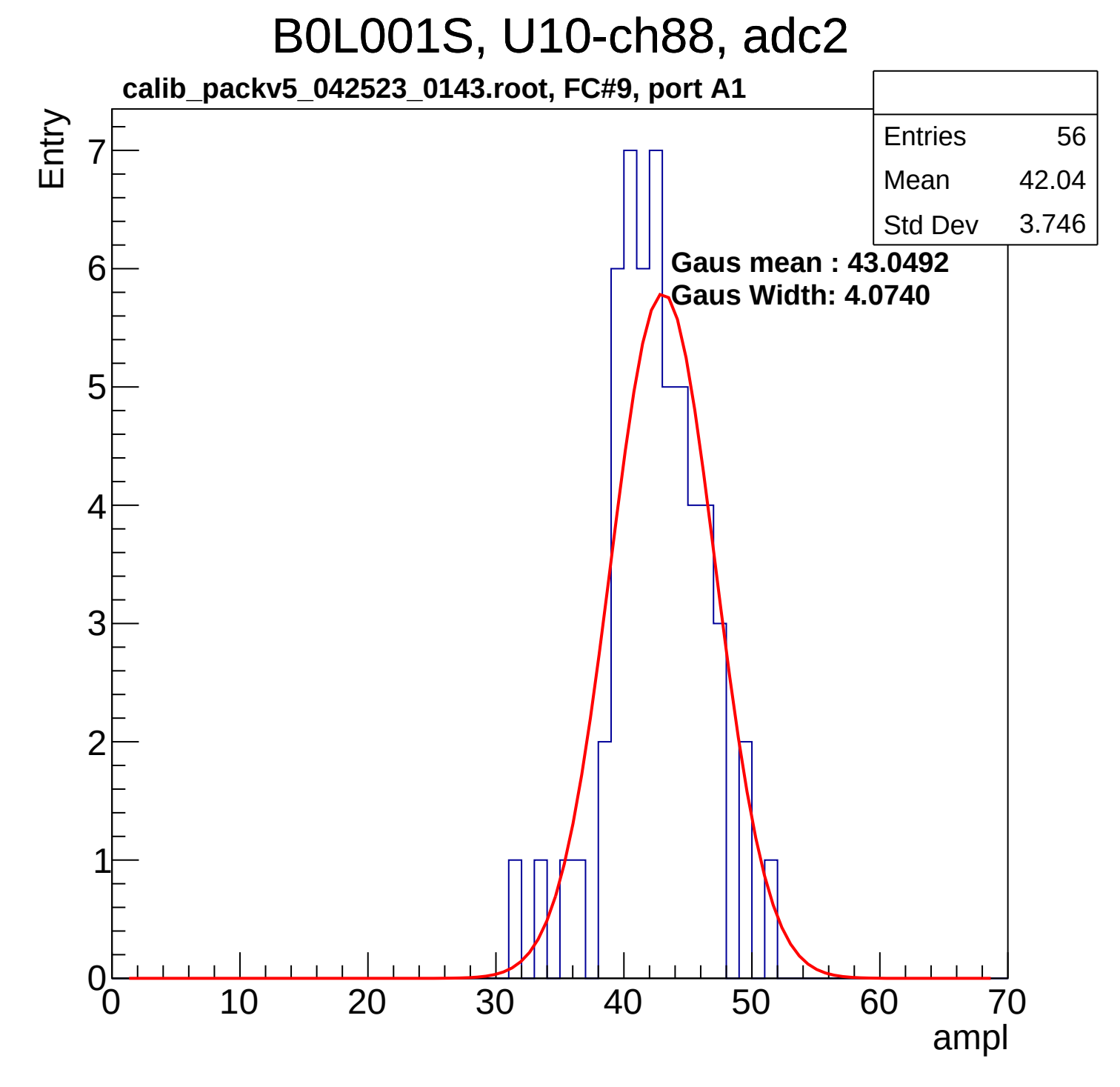
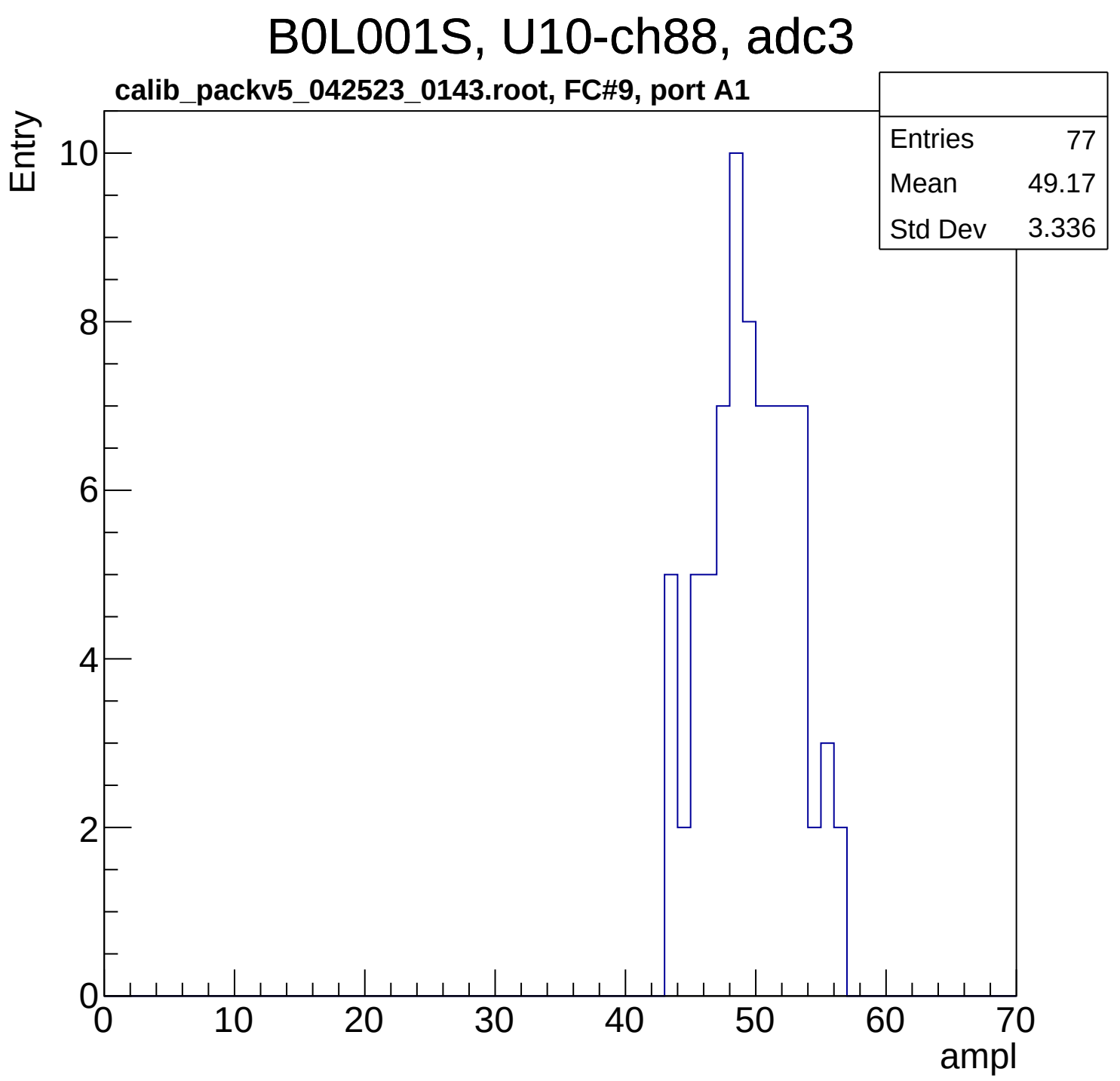

B0L001S, U10-ch88, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 42.04
Std Dev 3.746
Gaus mean : 43.0492
Gaus Width: 4.0740
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch88, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 49.17
Std Dev 3.336
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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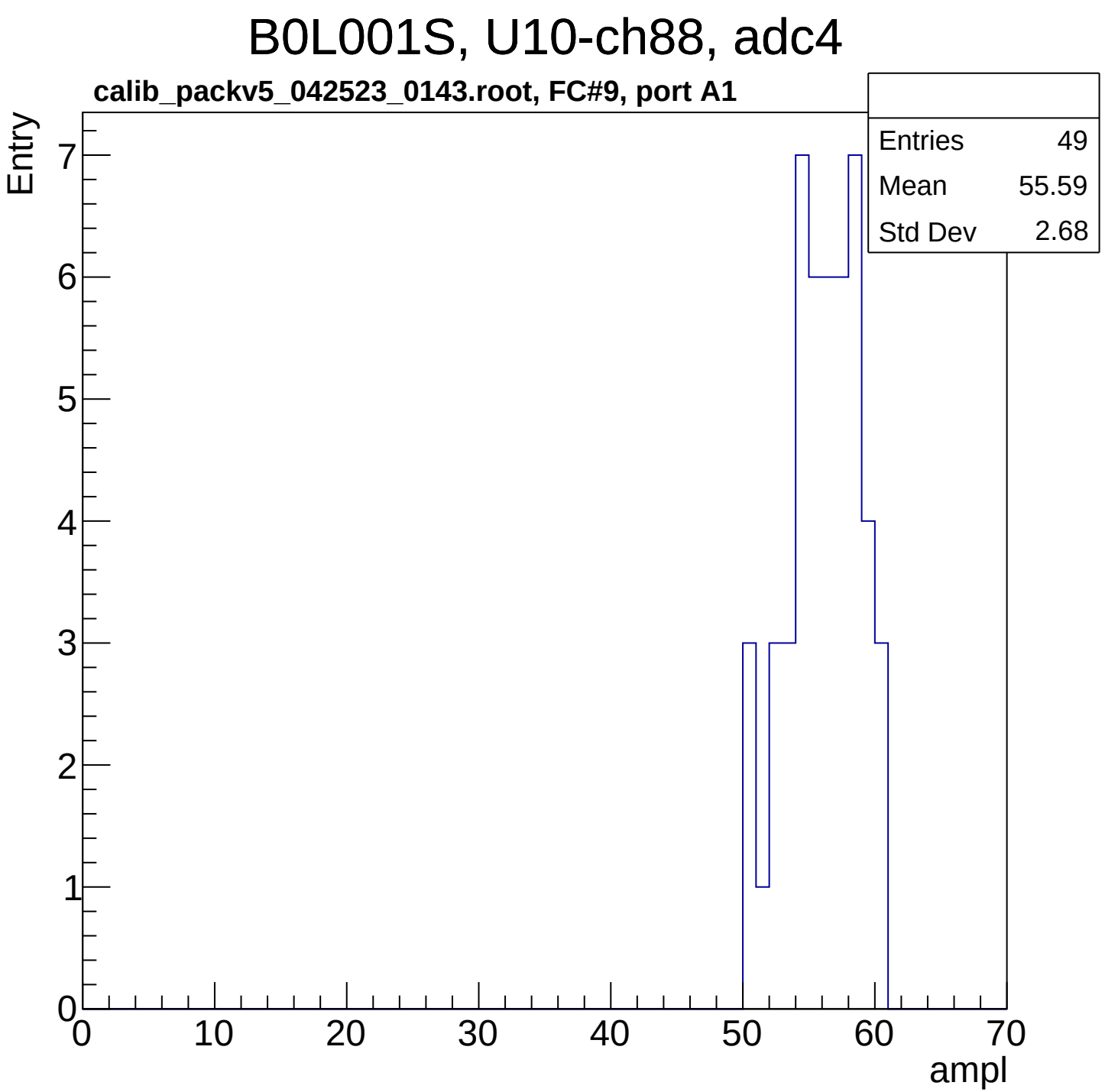
B0L001S, U10-ch88, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 55.59
Std Dev 2.68
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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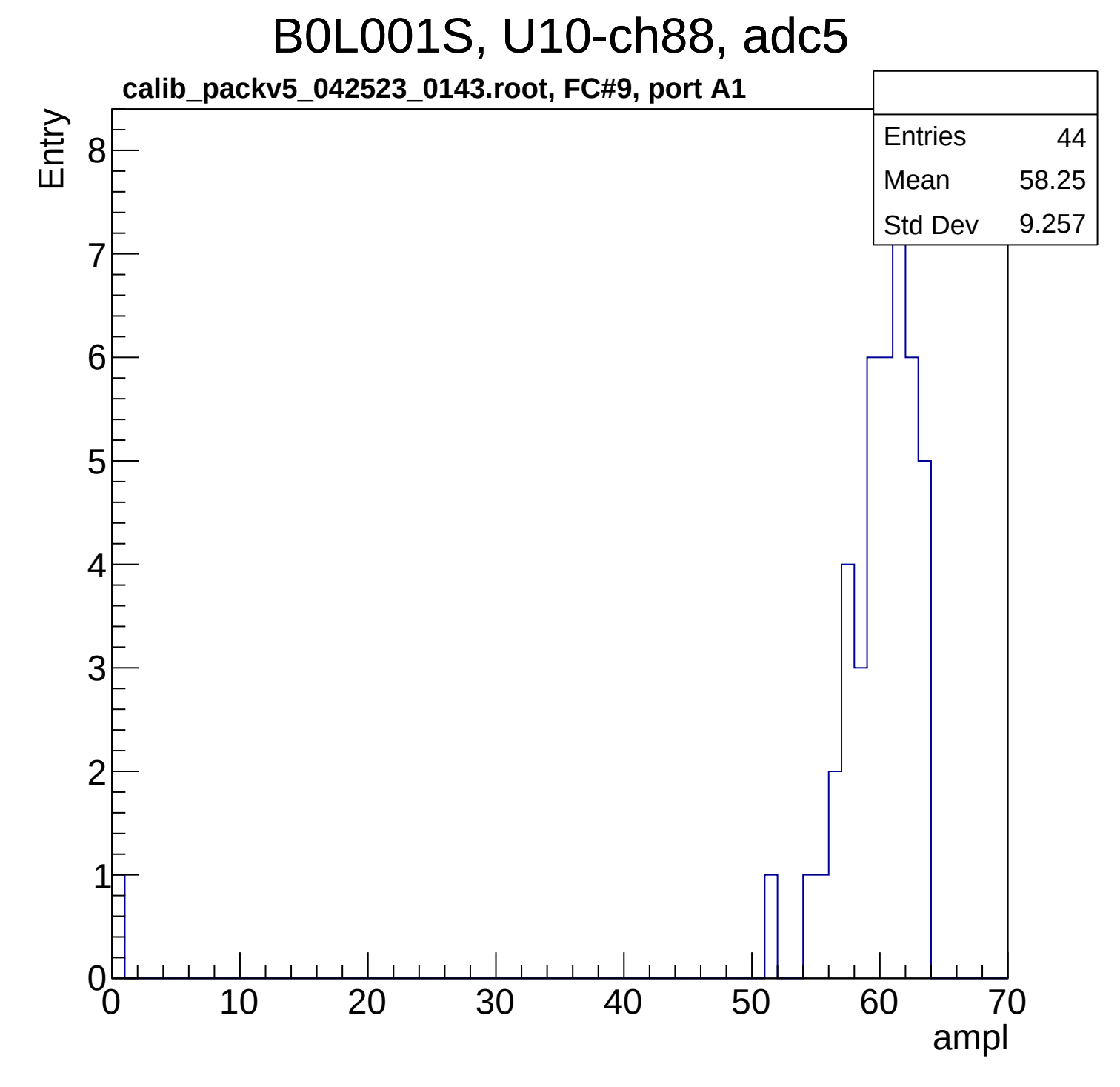
B0L001S, U10-ch88, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 58.25
Std Dev 9.257
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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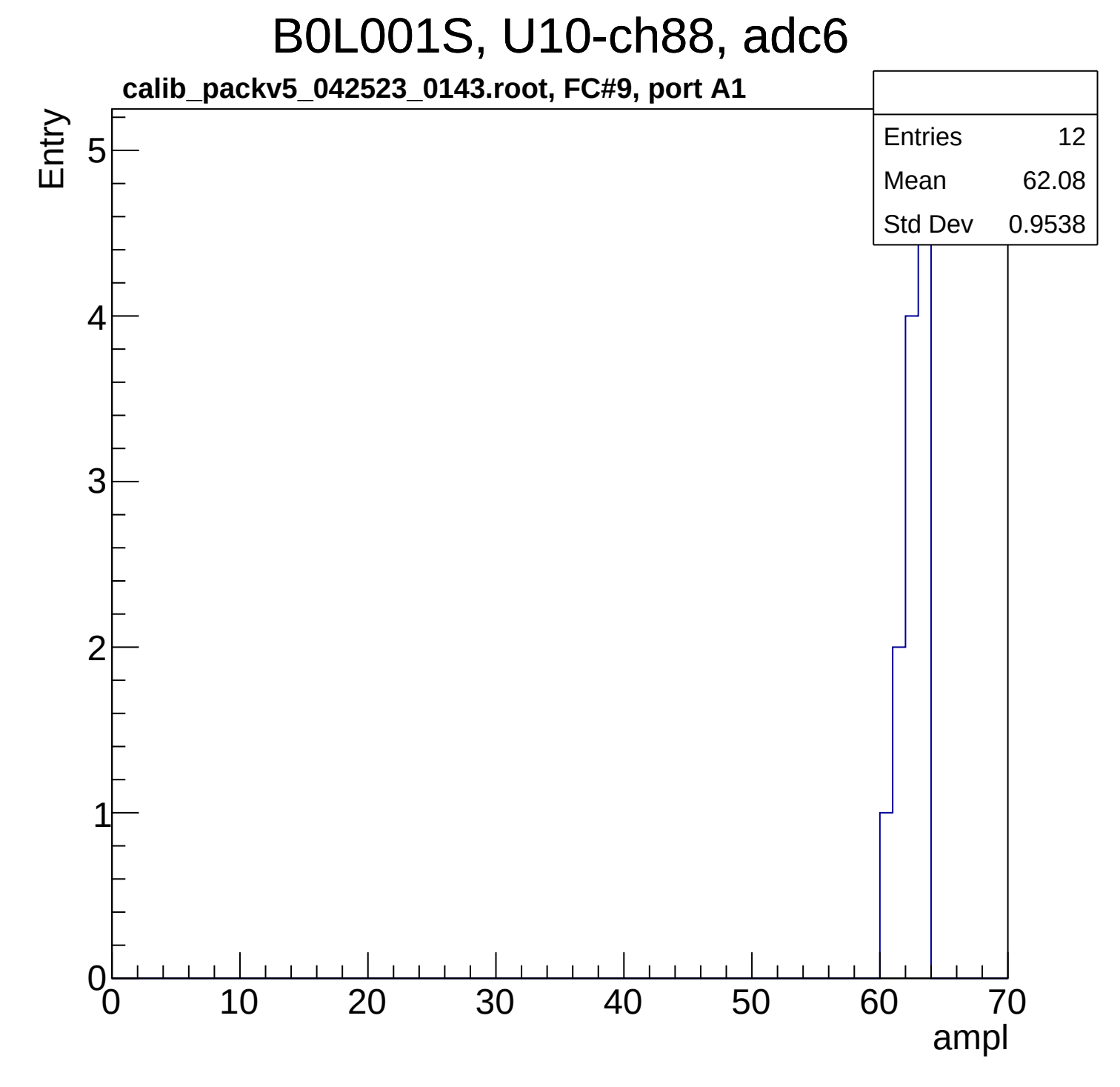
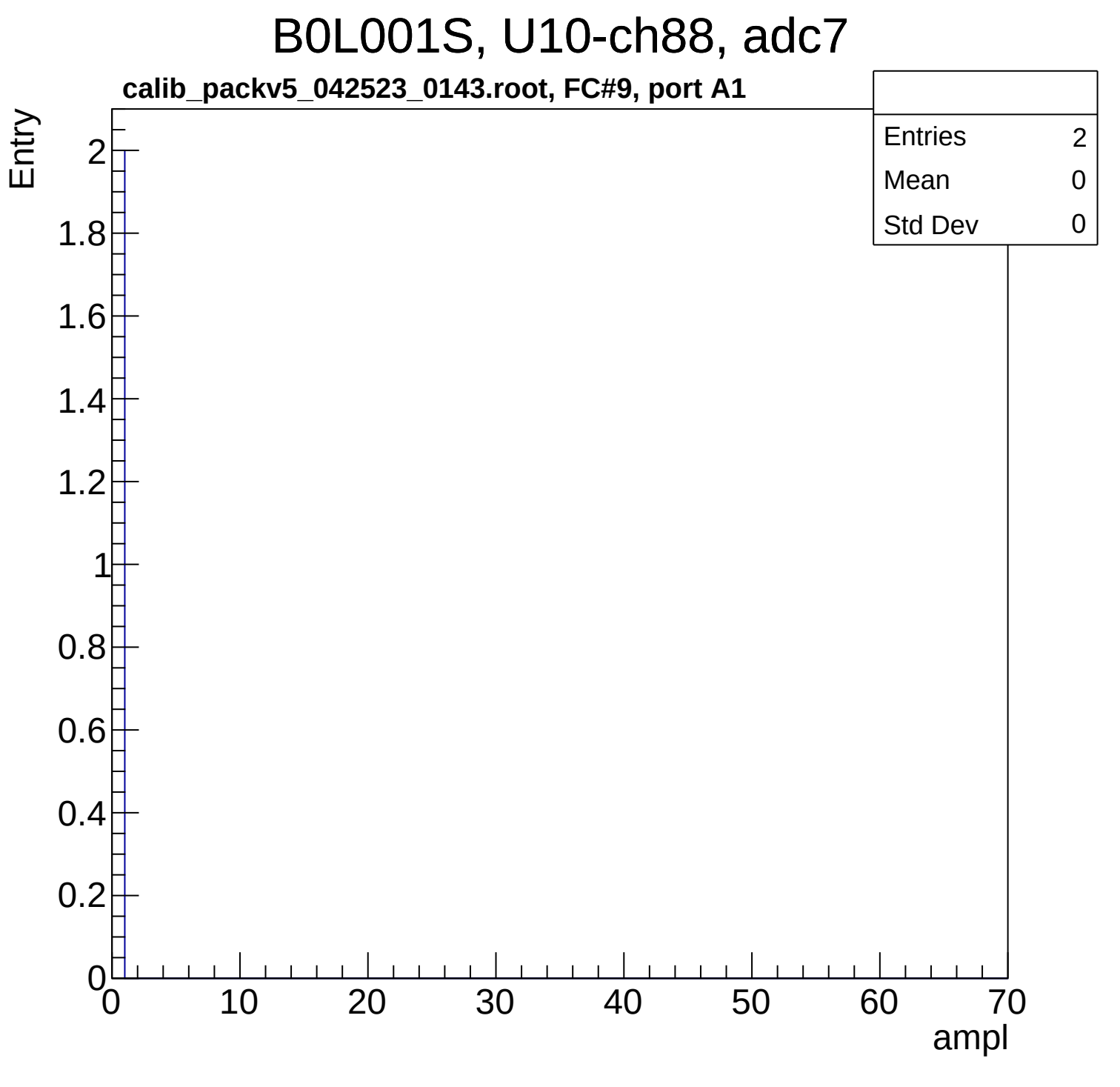
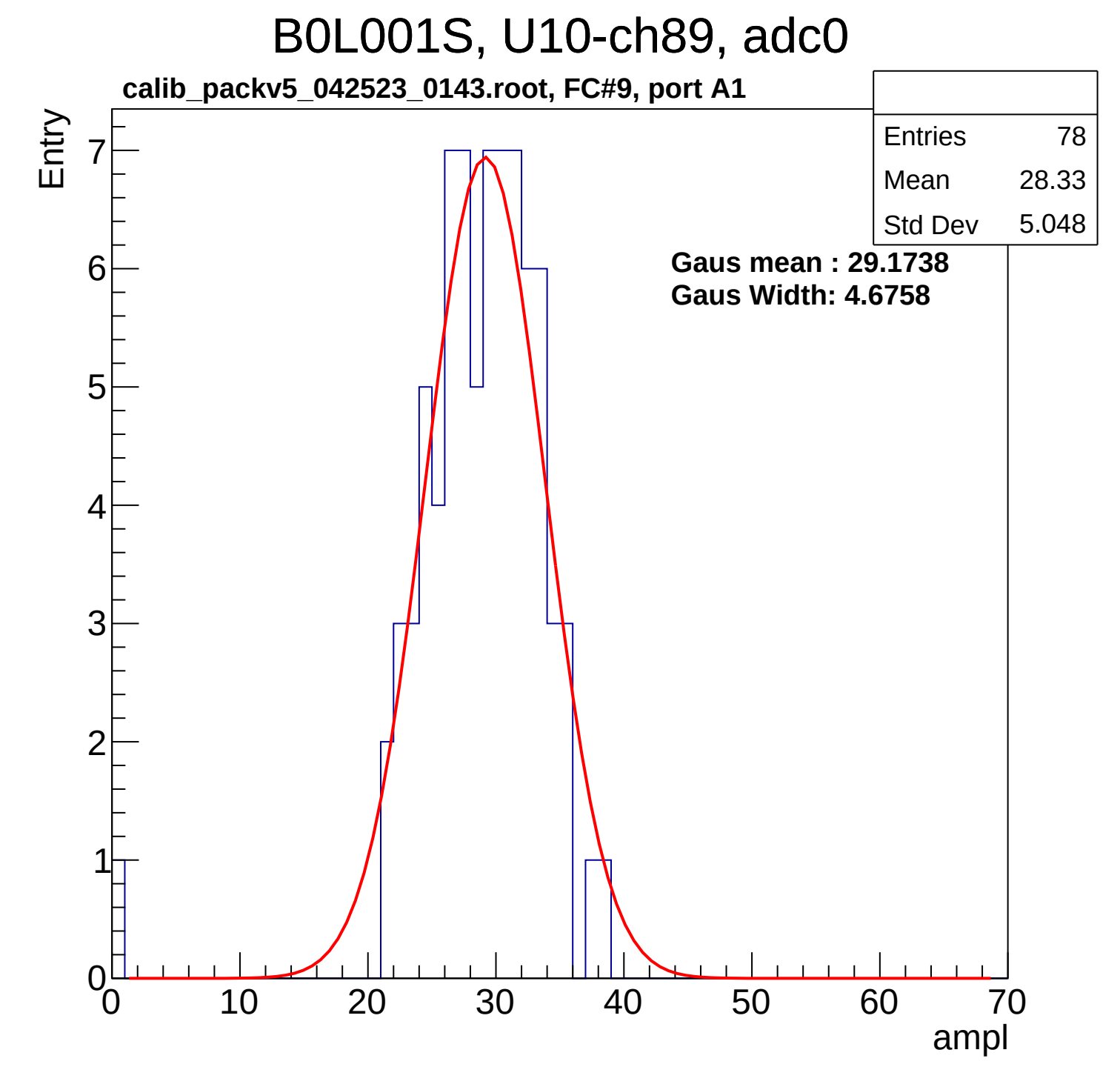
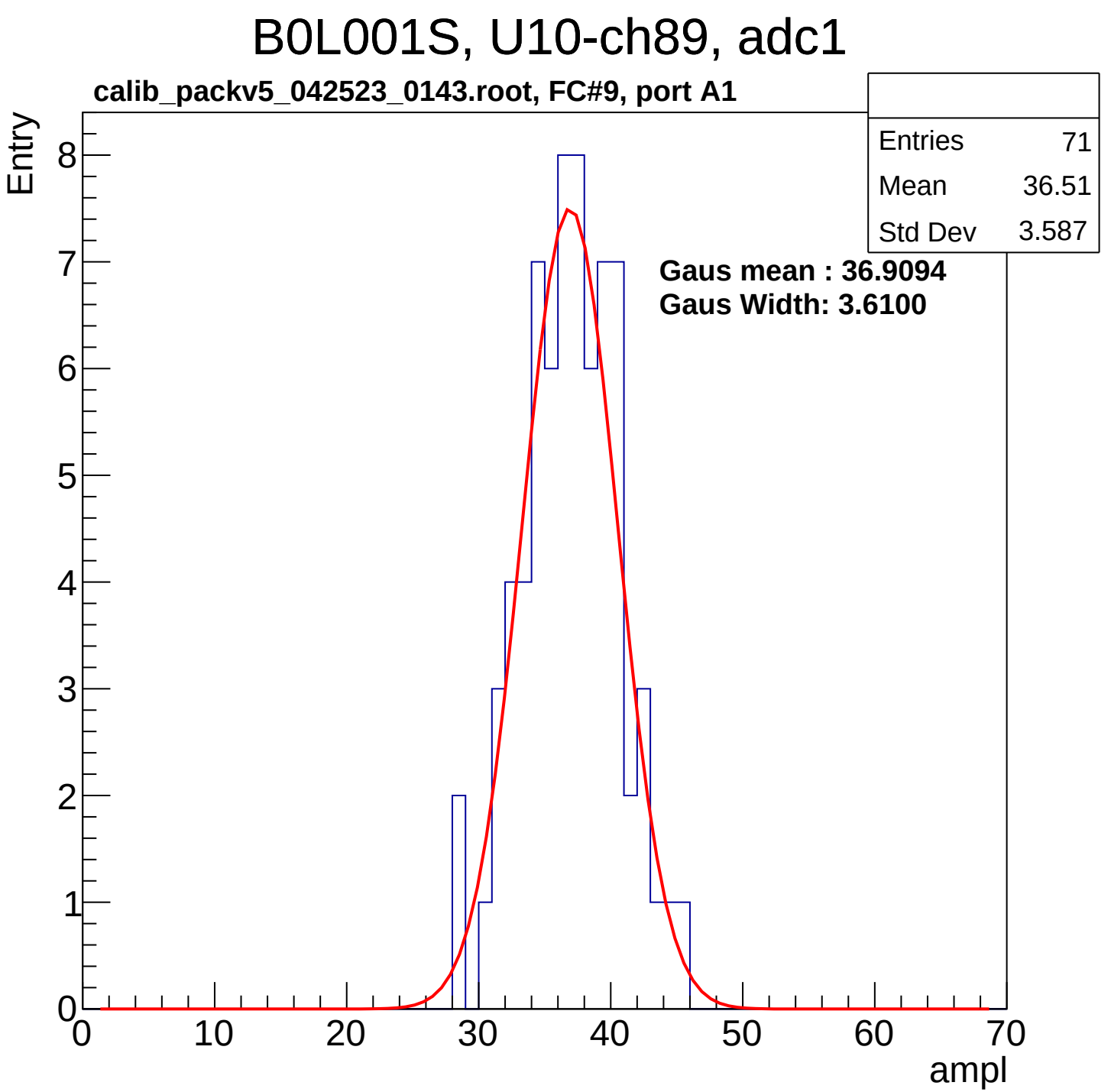

B0L001S, U10-ch88, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 12
Mean 62.08
Std Dev 0.9538
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch88, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch89, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 28.33
Std Dev 5.048
Gaus mean : 29.1738
Gaus Width: 4.6758
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch89, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 36.51
Std Dev 3.587
Gaus mean : 36.9094
Gaus Width: 3.6100
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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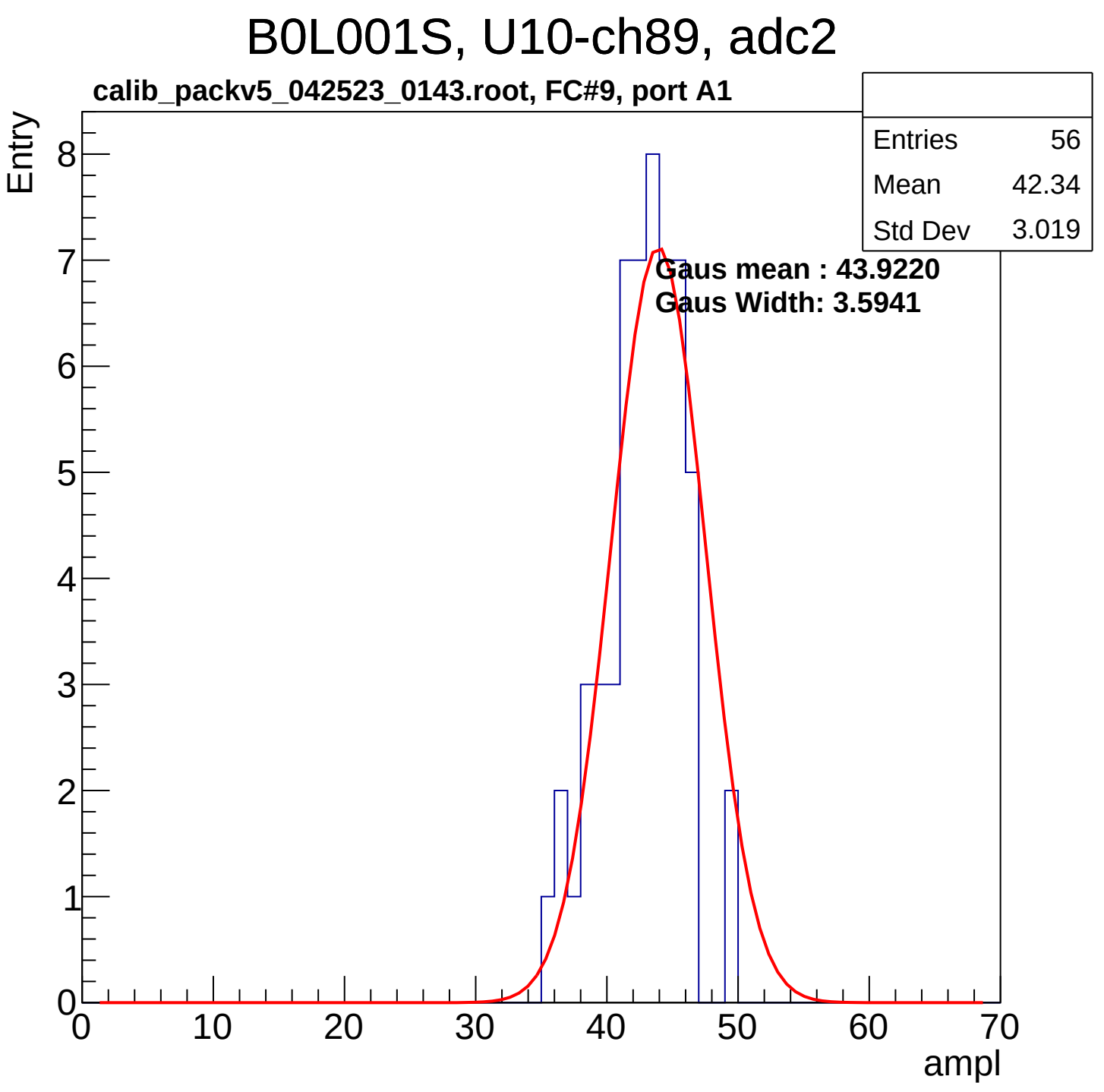
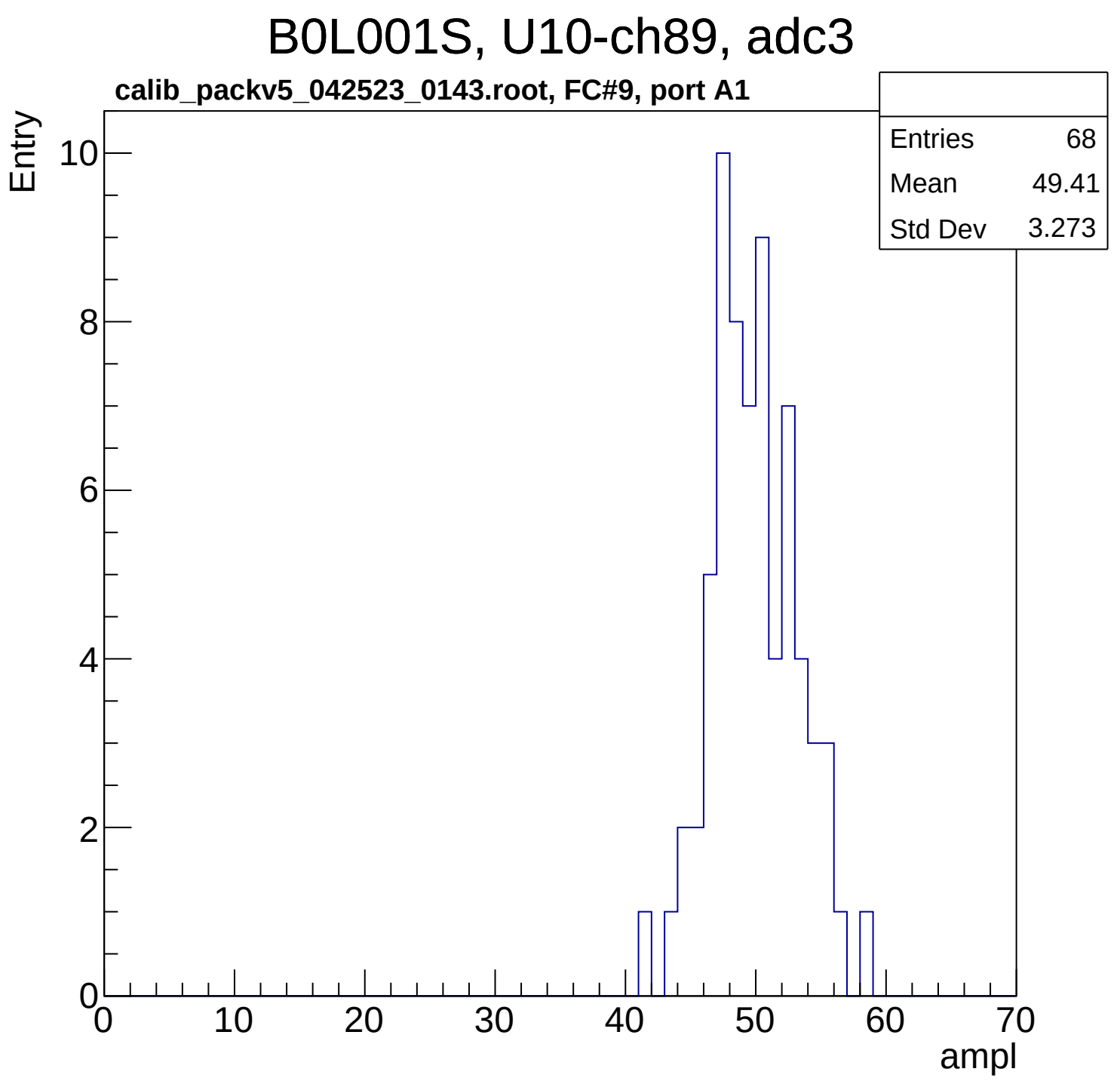
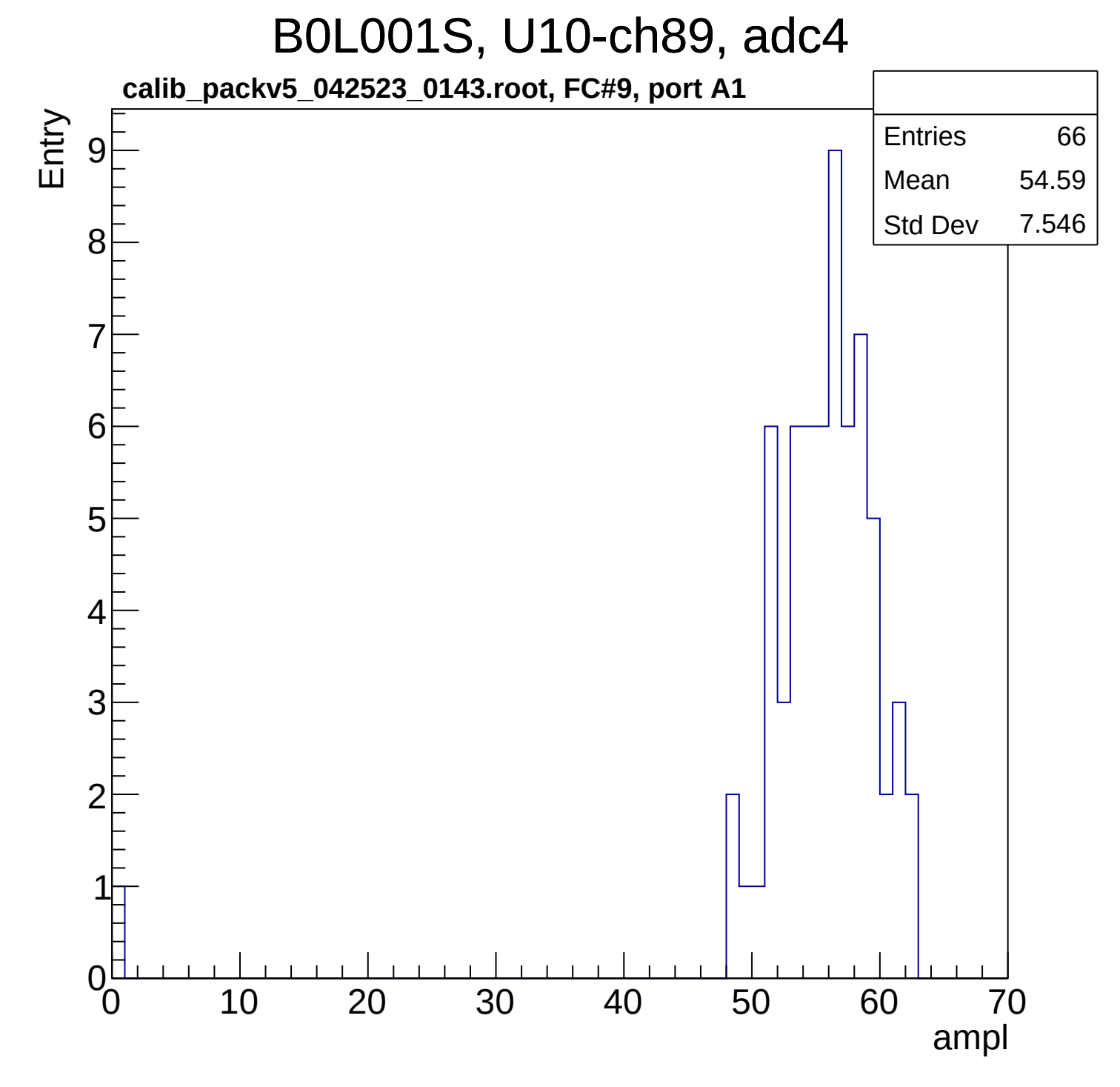

B0L001S, U10-ch89, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 42.34
Std Dev 3.019
Gaus mean : 43.9220
Gaus Width: 3.5941
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch89, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 49.41
Std Dev 3.273
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch89, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 54.59
Std Dev 7.546
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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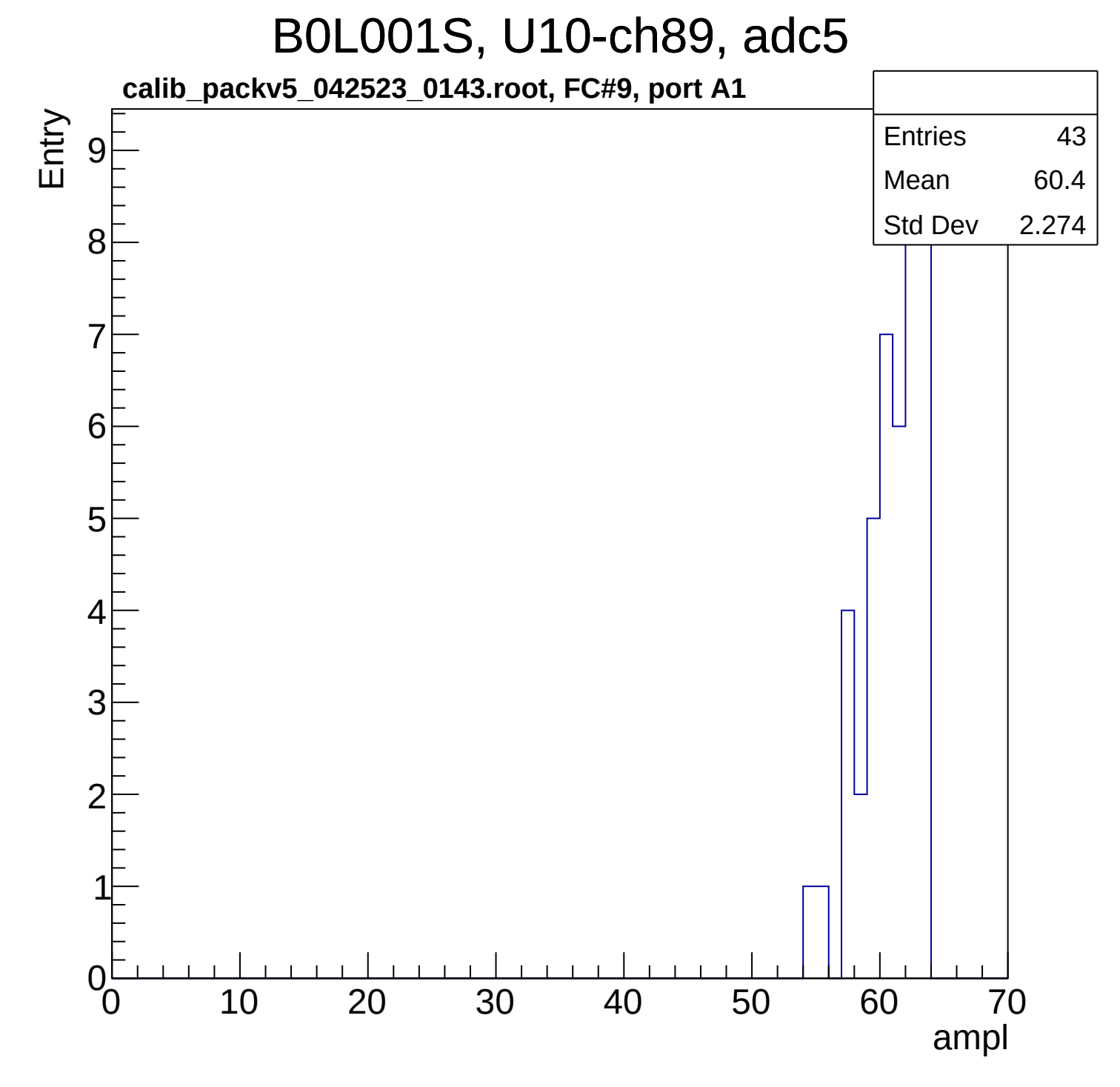
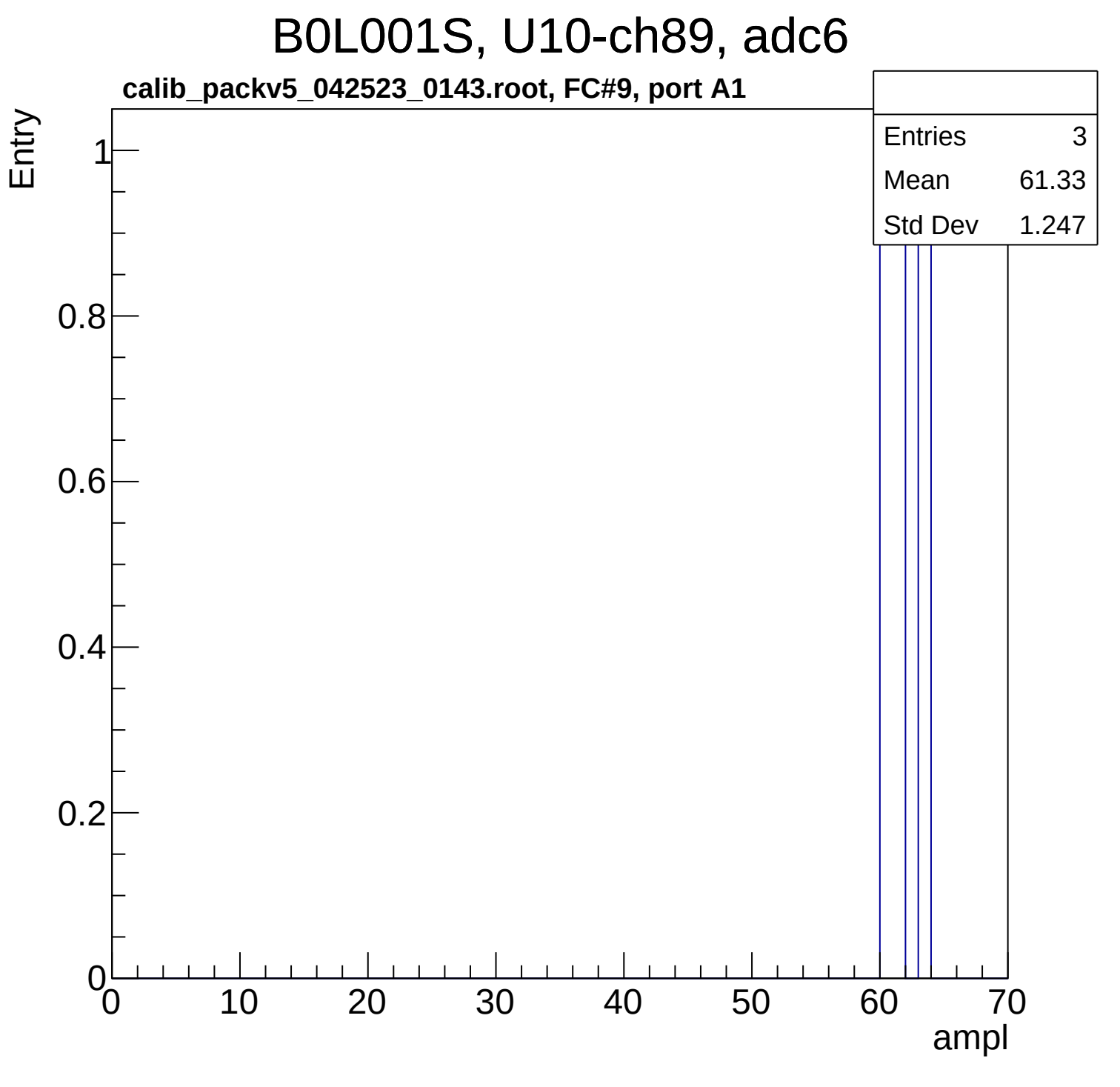
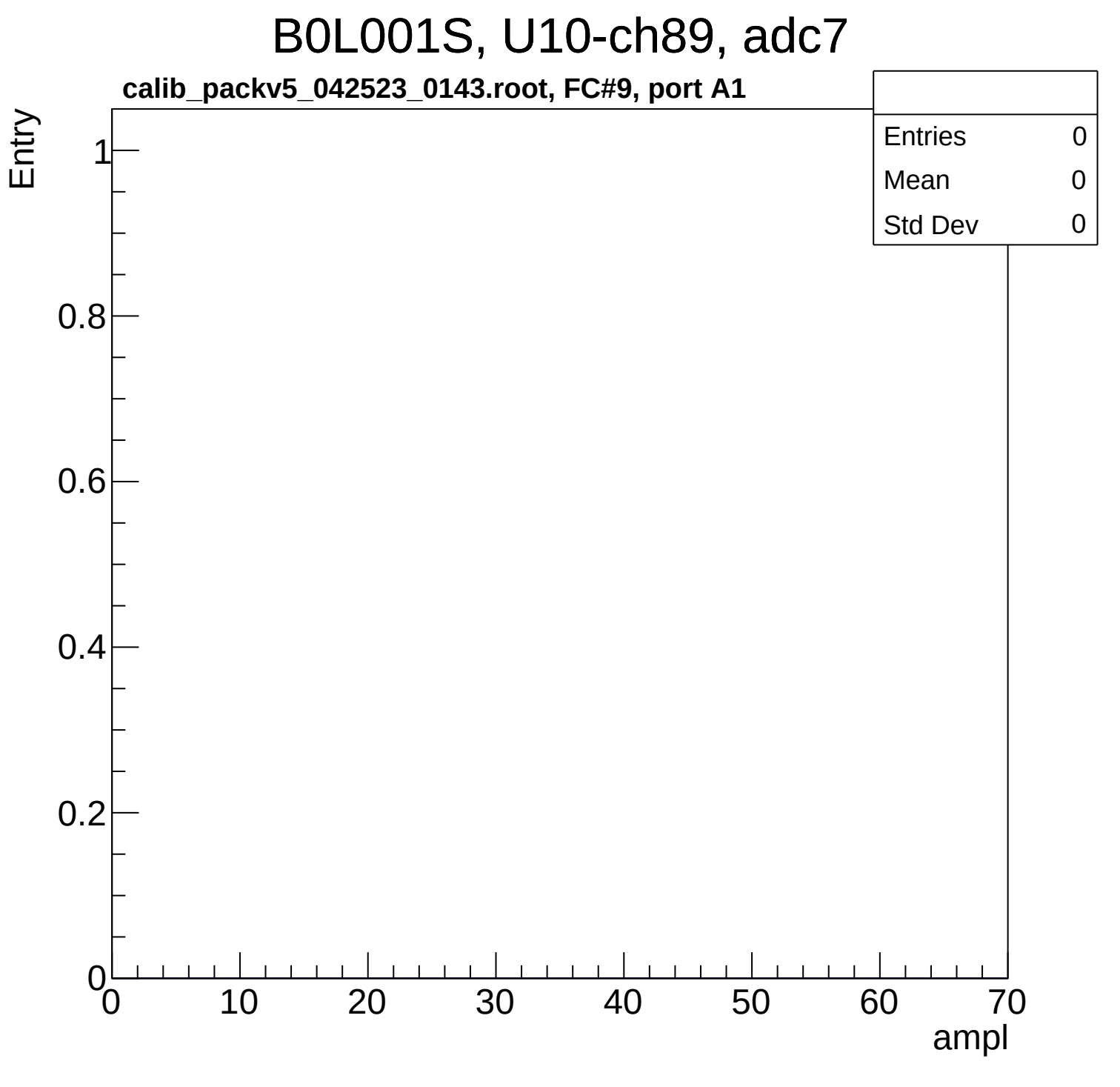
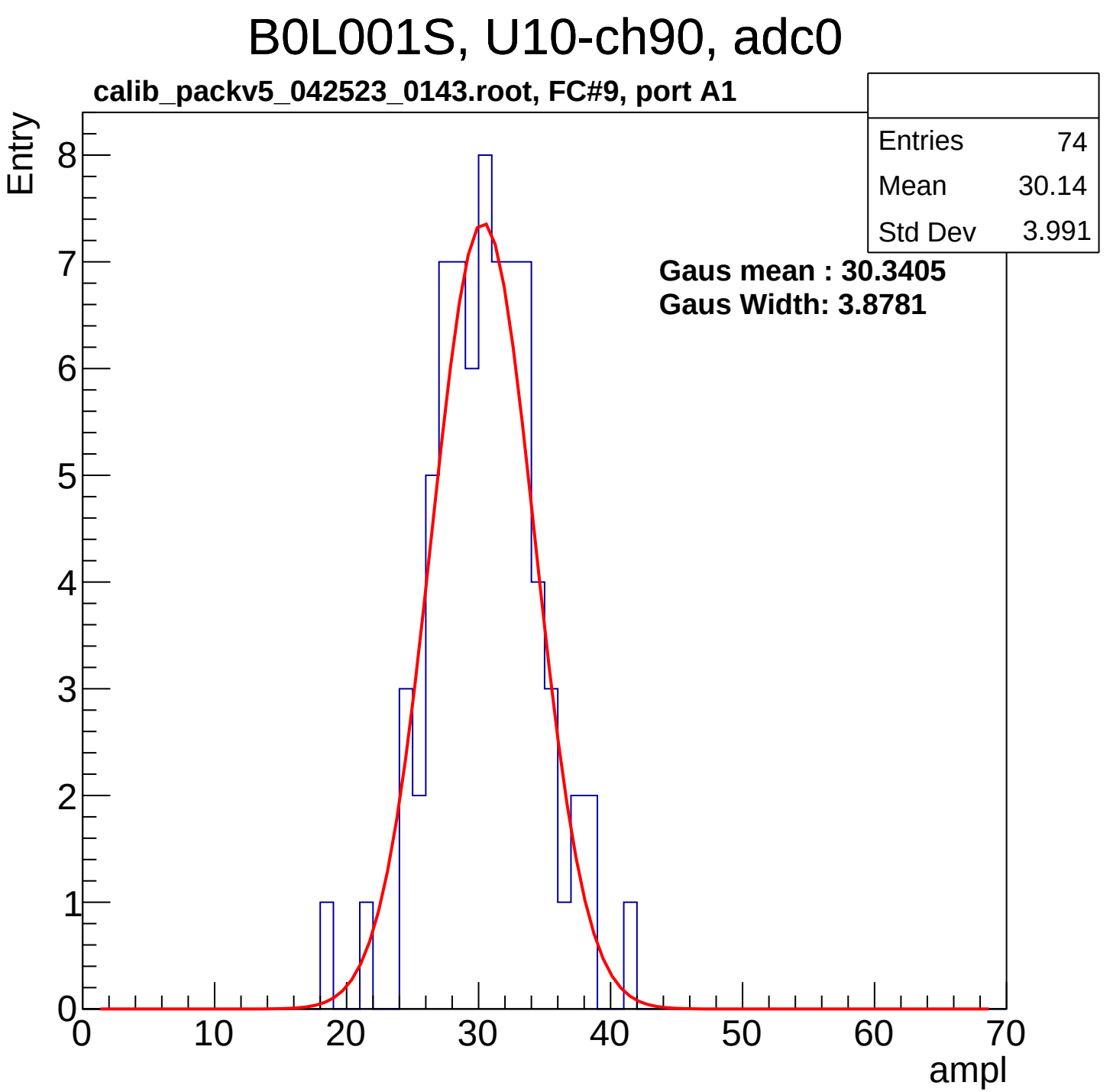
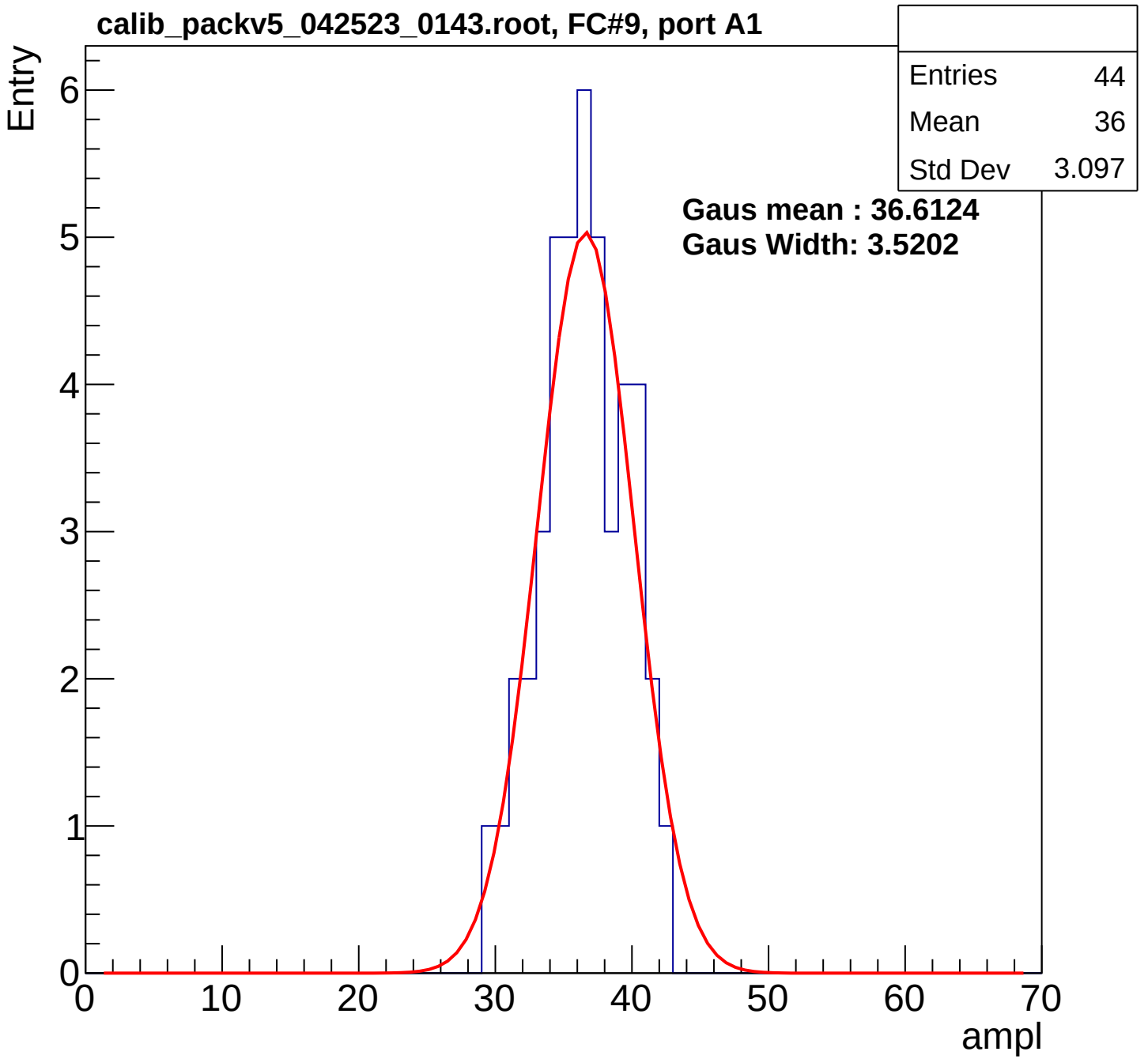

B0L001S, U10-ch89, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 60.4
Std Dev 2.274
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch89, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.33
Std Dev 1.247
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch89, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch90, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 30.14
Std Dev 3.991
Gaus mean : 30.3405
Gaus Width: 3.8781
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch90, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 36
Std Dev 3.097
Gaus mean : 36.6124
Gaus Width: 3.5202
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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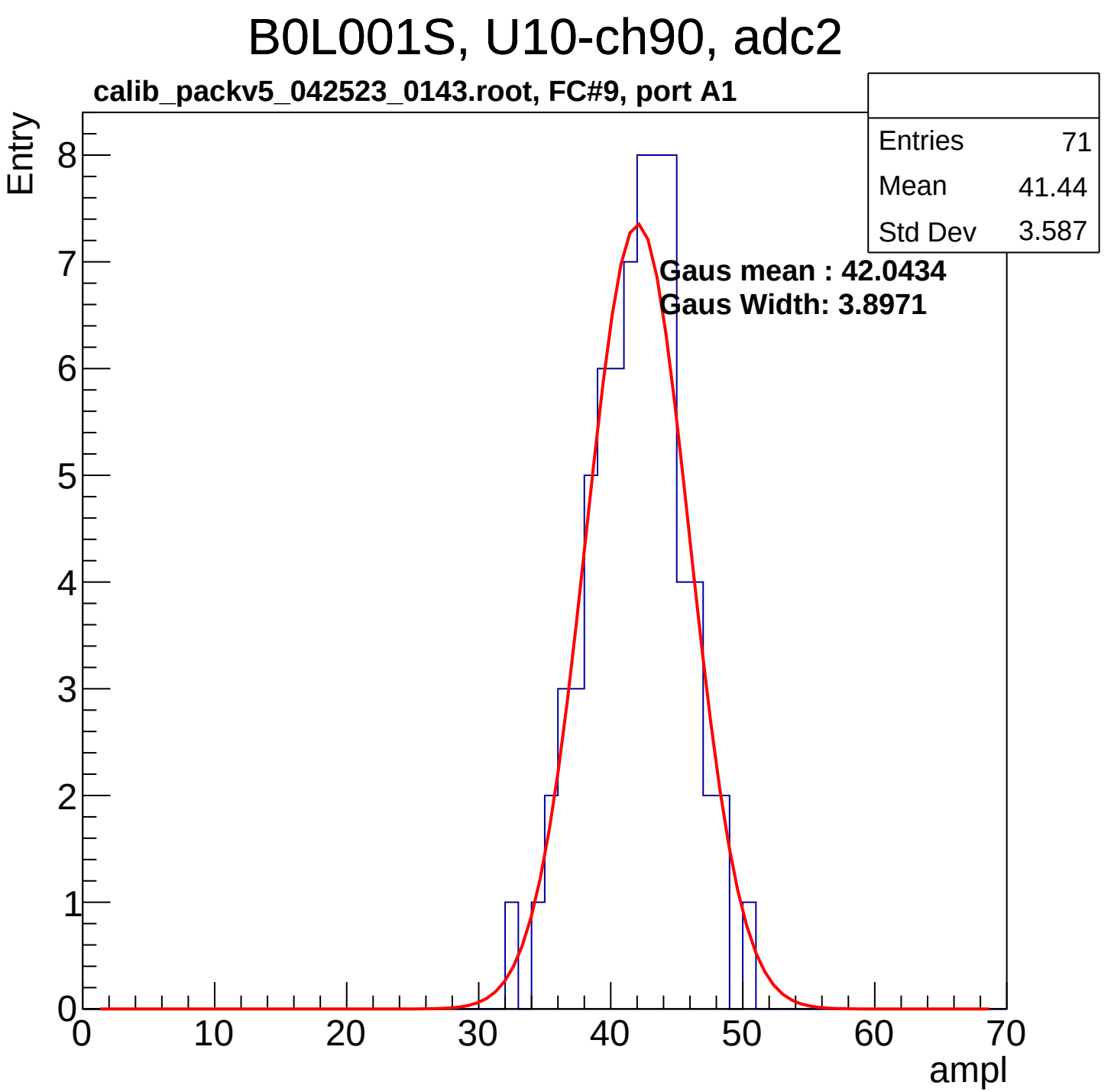
B0L001S, U10-ch90, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 41.44
Std Dev 3.587
Gaus mean : 42.0434
Gaus Width: 3.8971
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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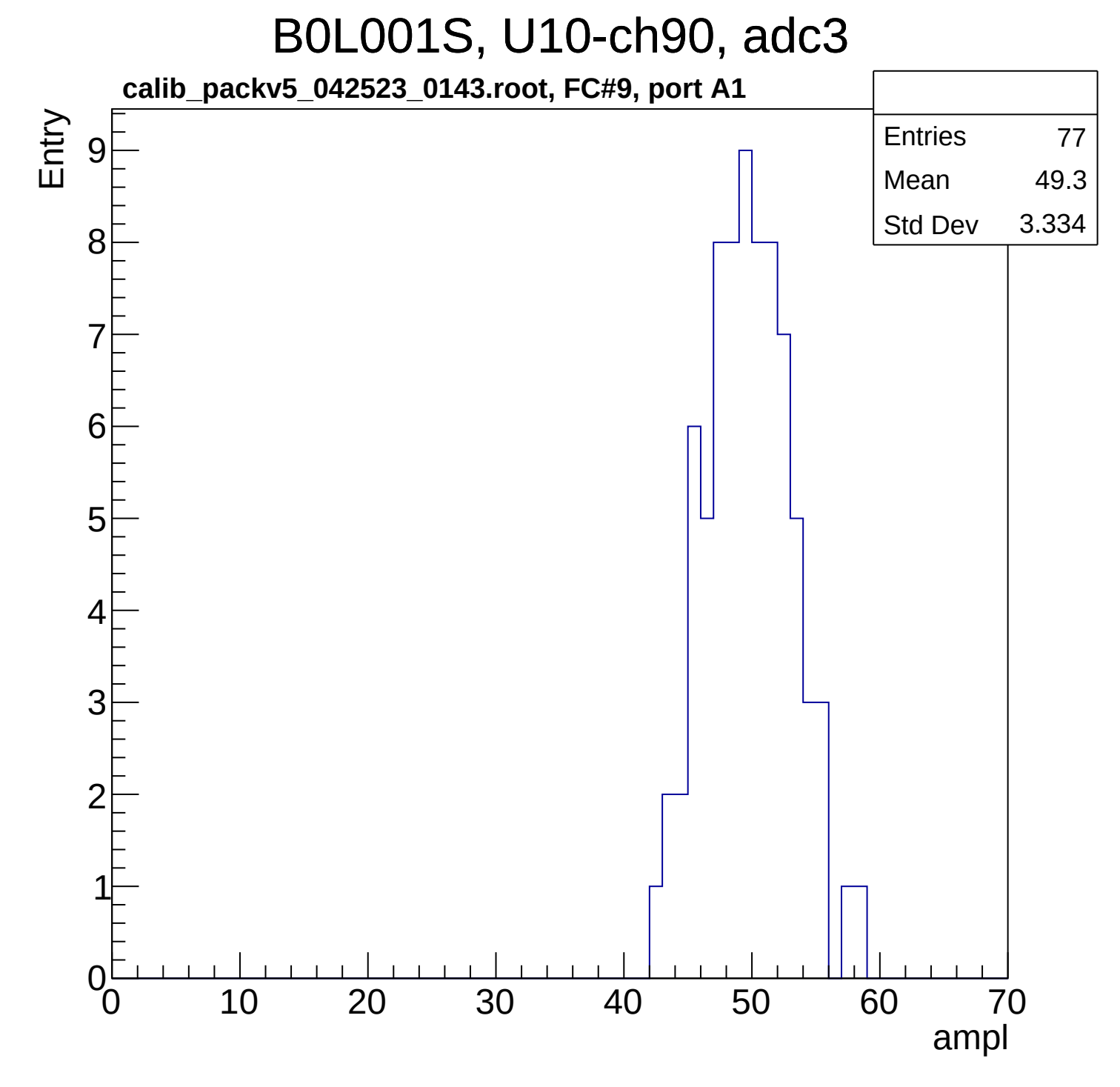
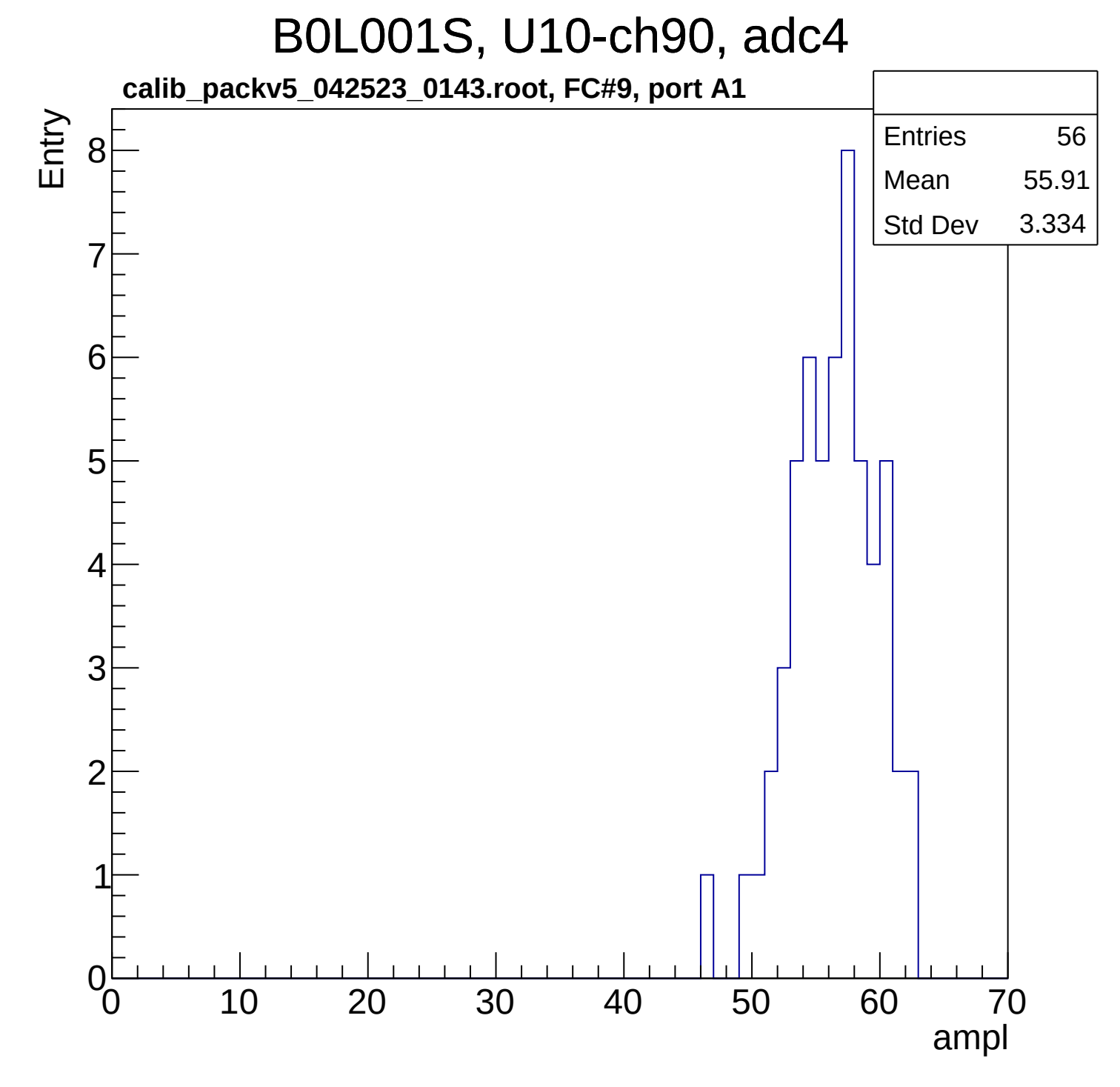
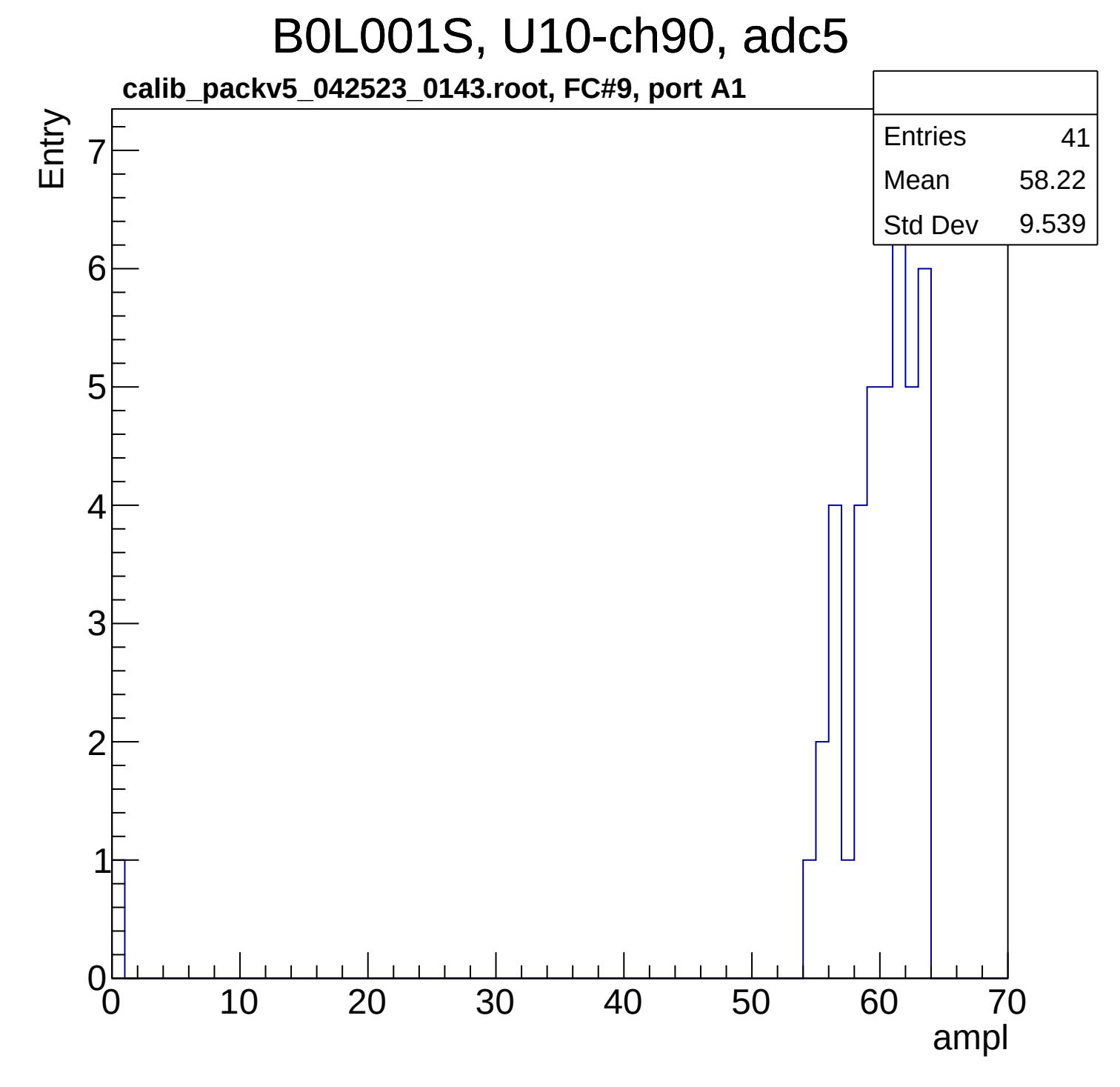
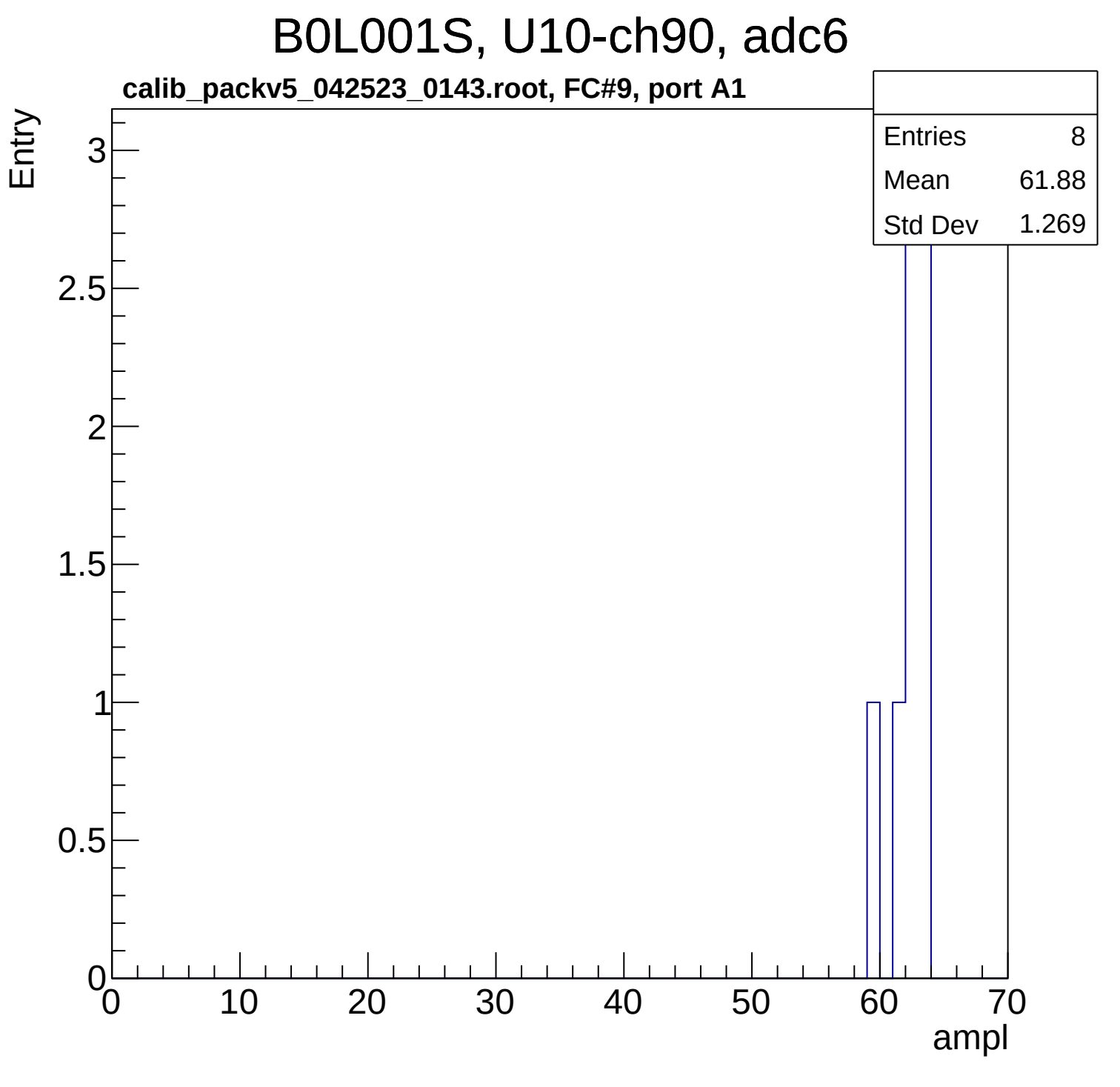
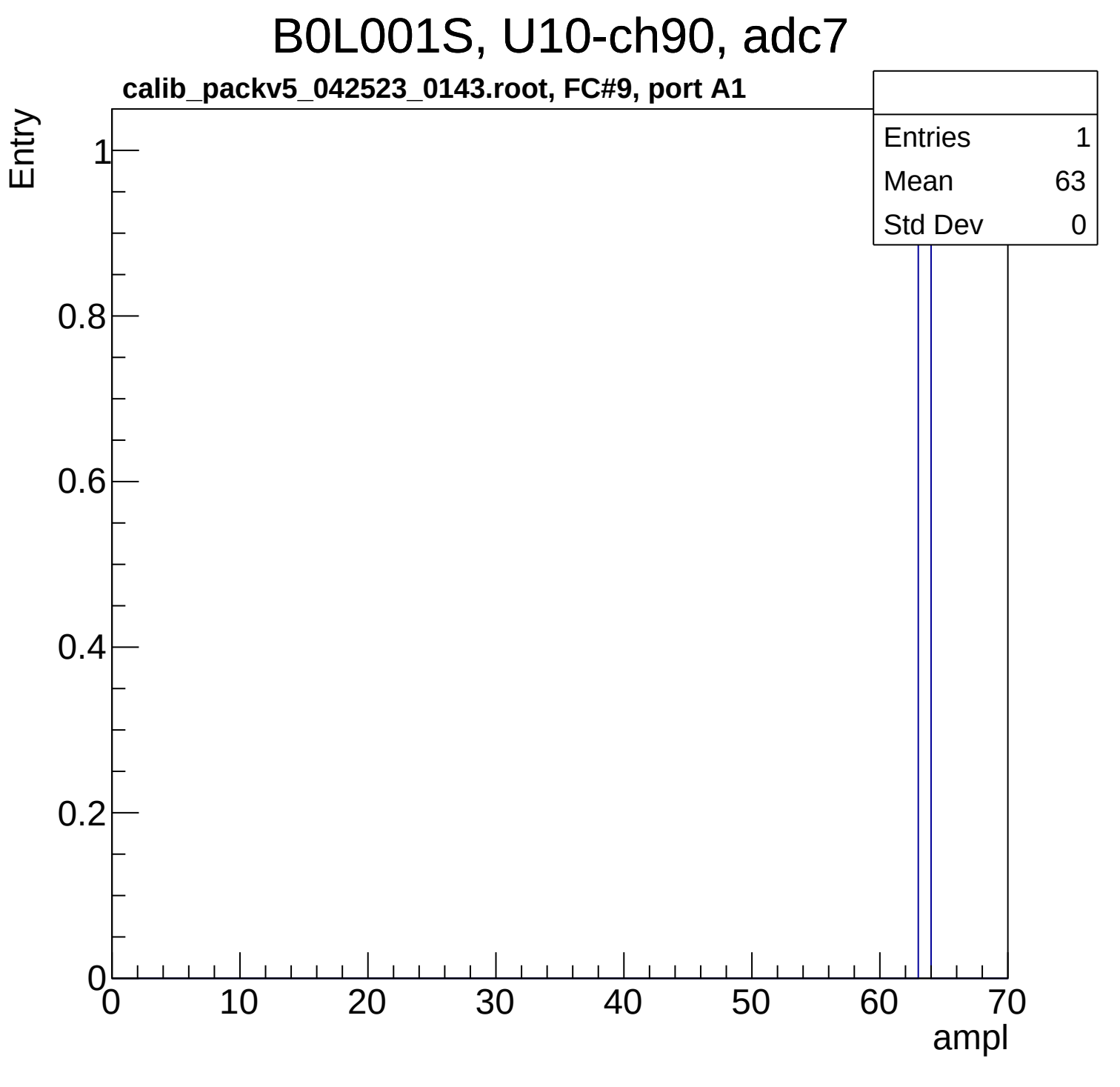
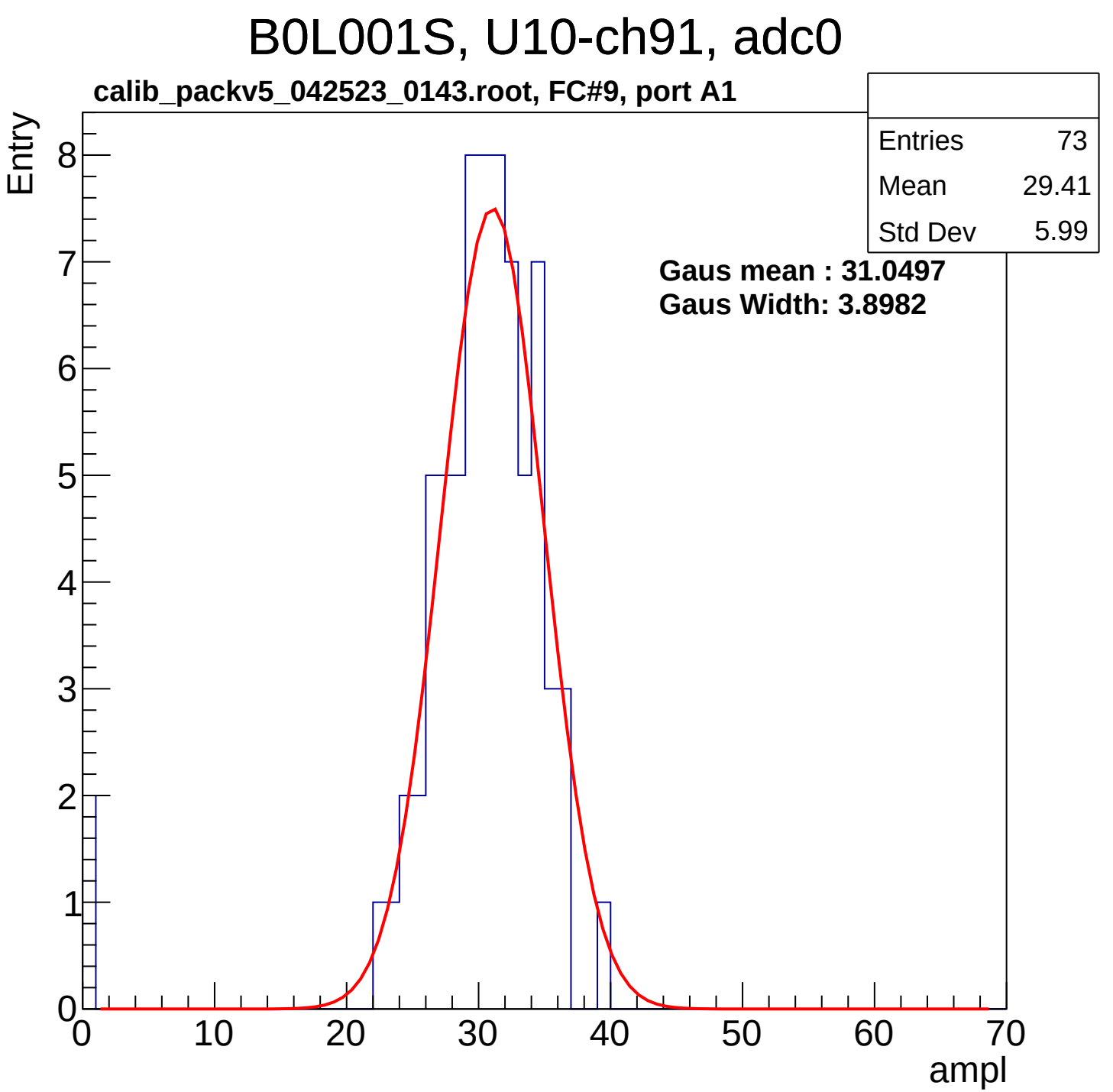

B0L001S, U10-ch90, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 49.3
Std Dev 3.334
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch90, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 55.91
Std Dev 3.334
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch90, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 58.22
Std Dev 9.539
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch90, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 61.88
Std Dev 1.269
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch90, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch91, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 29.41
Std Dev 5.99
Gaus mean : 31.0497
Gaus Width: 3.8982
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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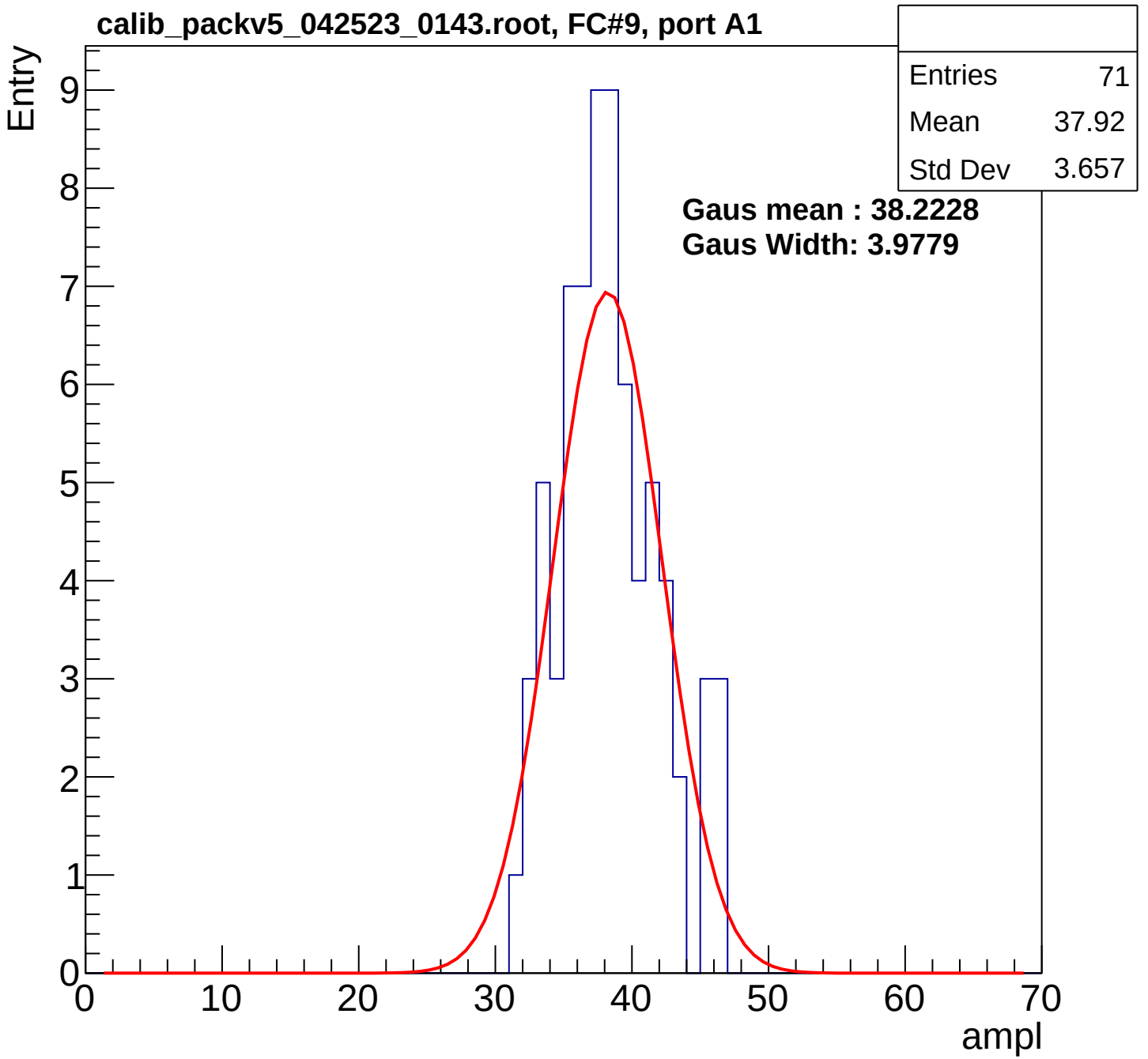
B0L001S, U10-ch91, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.92
Std Dev 3.657
Gaus mean : 38.2228
Gaus Width: 3.9779
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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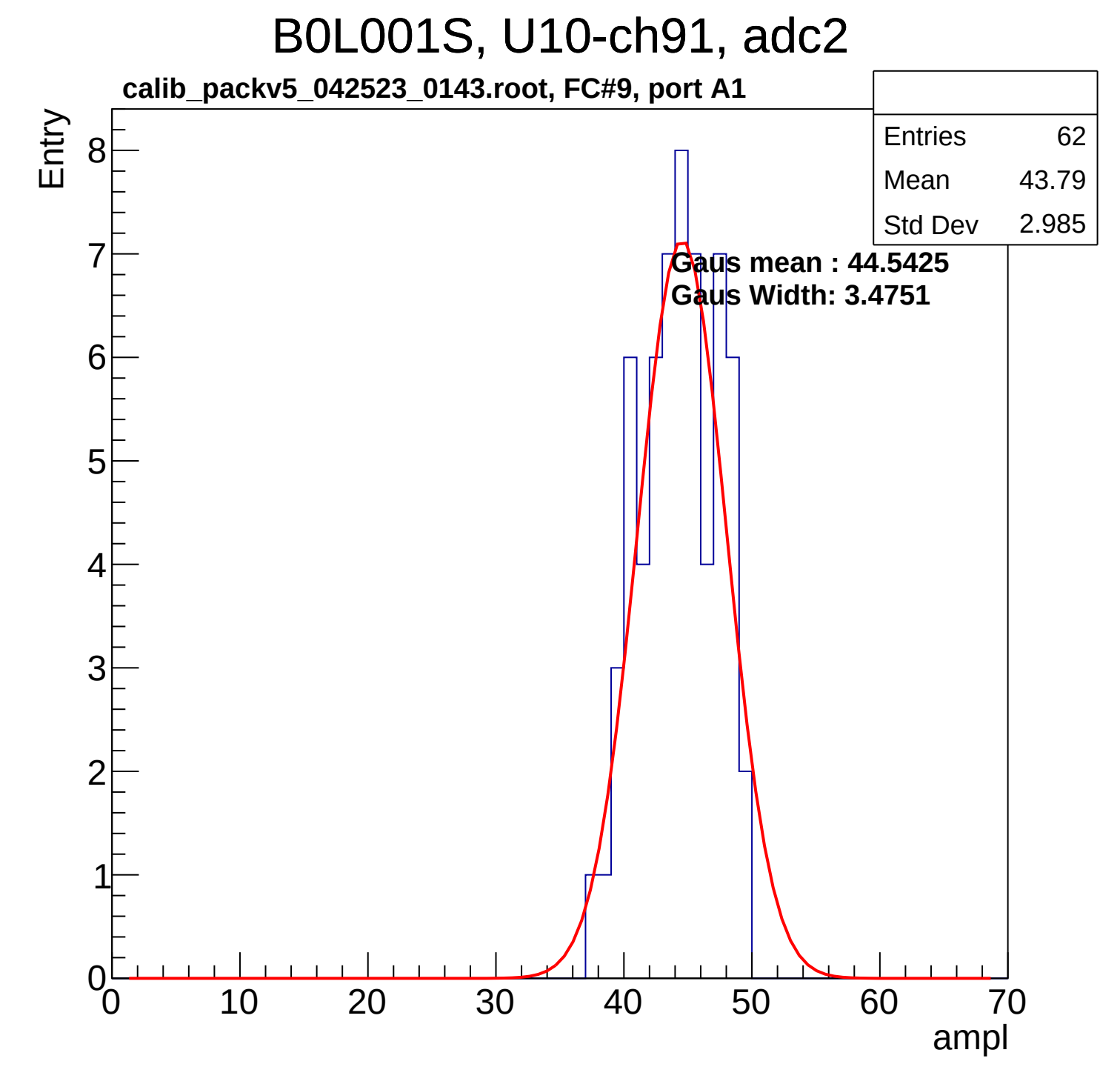
B0L001S, U10-ch91, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 43.79
Std Dev 2.985
Gaus mean : 44.5425
Gaus Width: 3.4751
Entry
ampl
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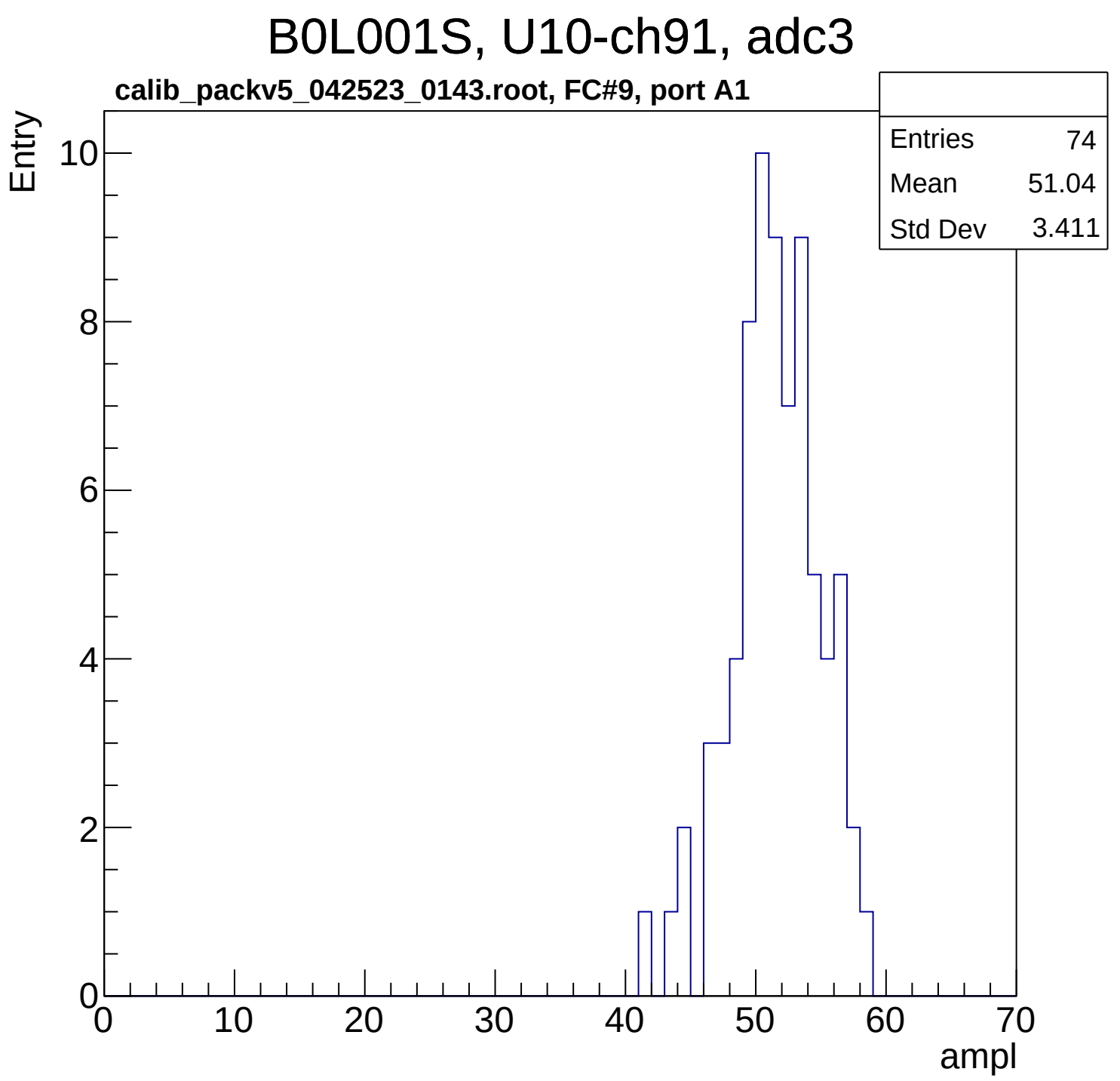
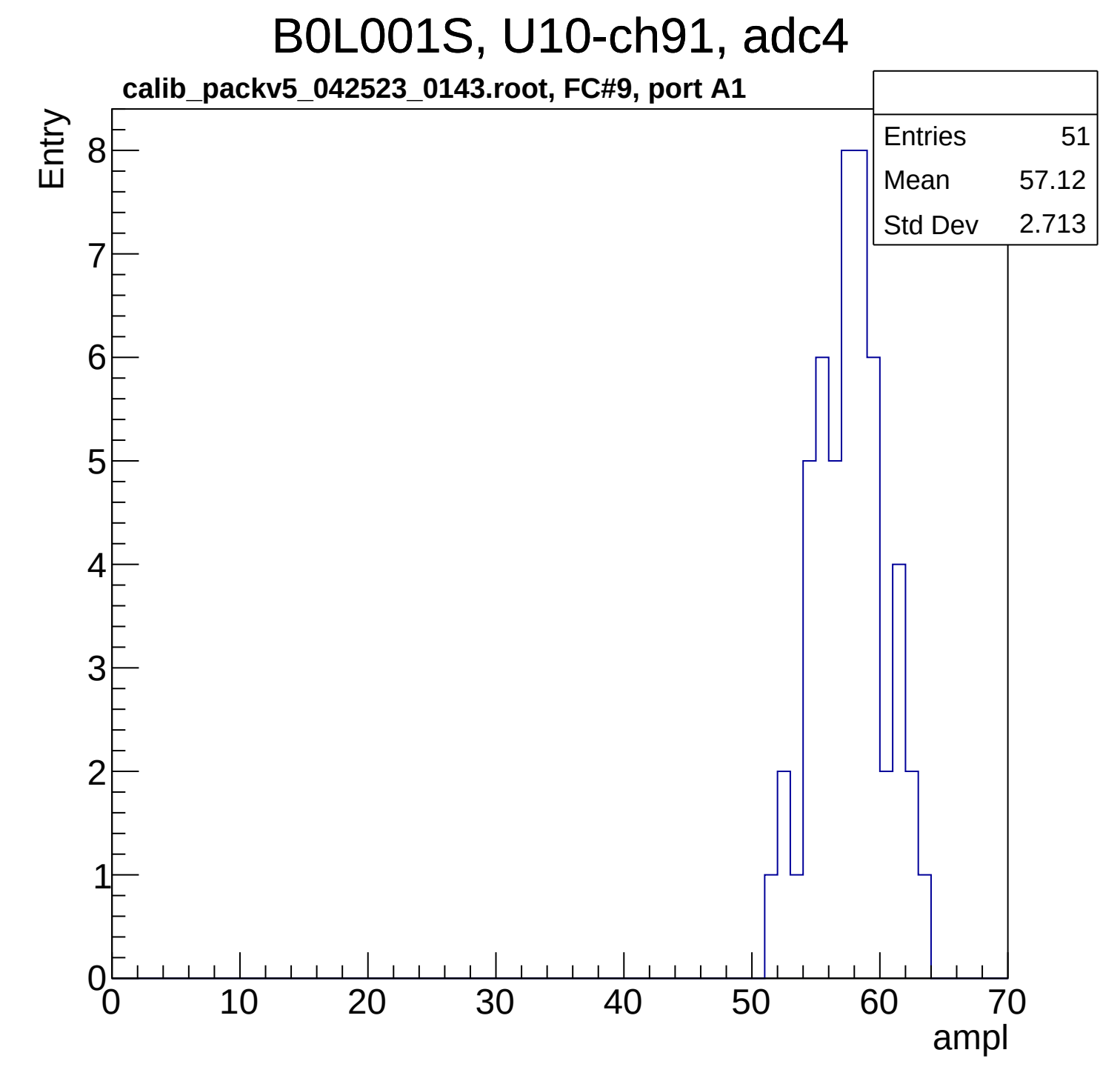
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch91, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 51.04
Std Dev 3.411
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch91, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 57.12
Std Dev 2.713
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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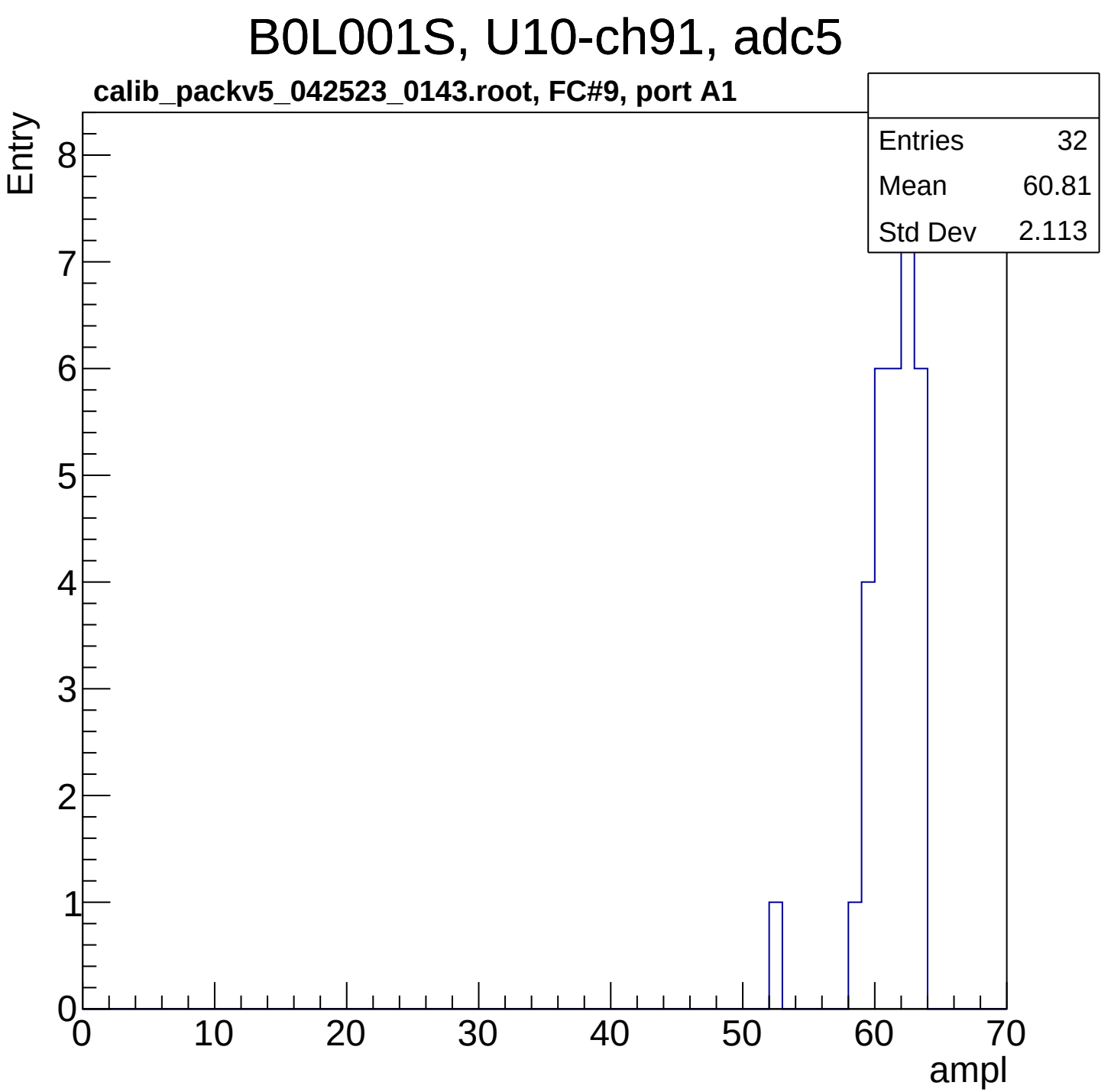
40
50
60
70


B0L001S, U10-ch91, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 60.81
Std Dev 2.113
Entry
ampl
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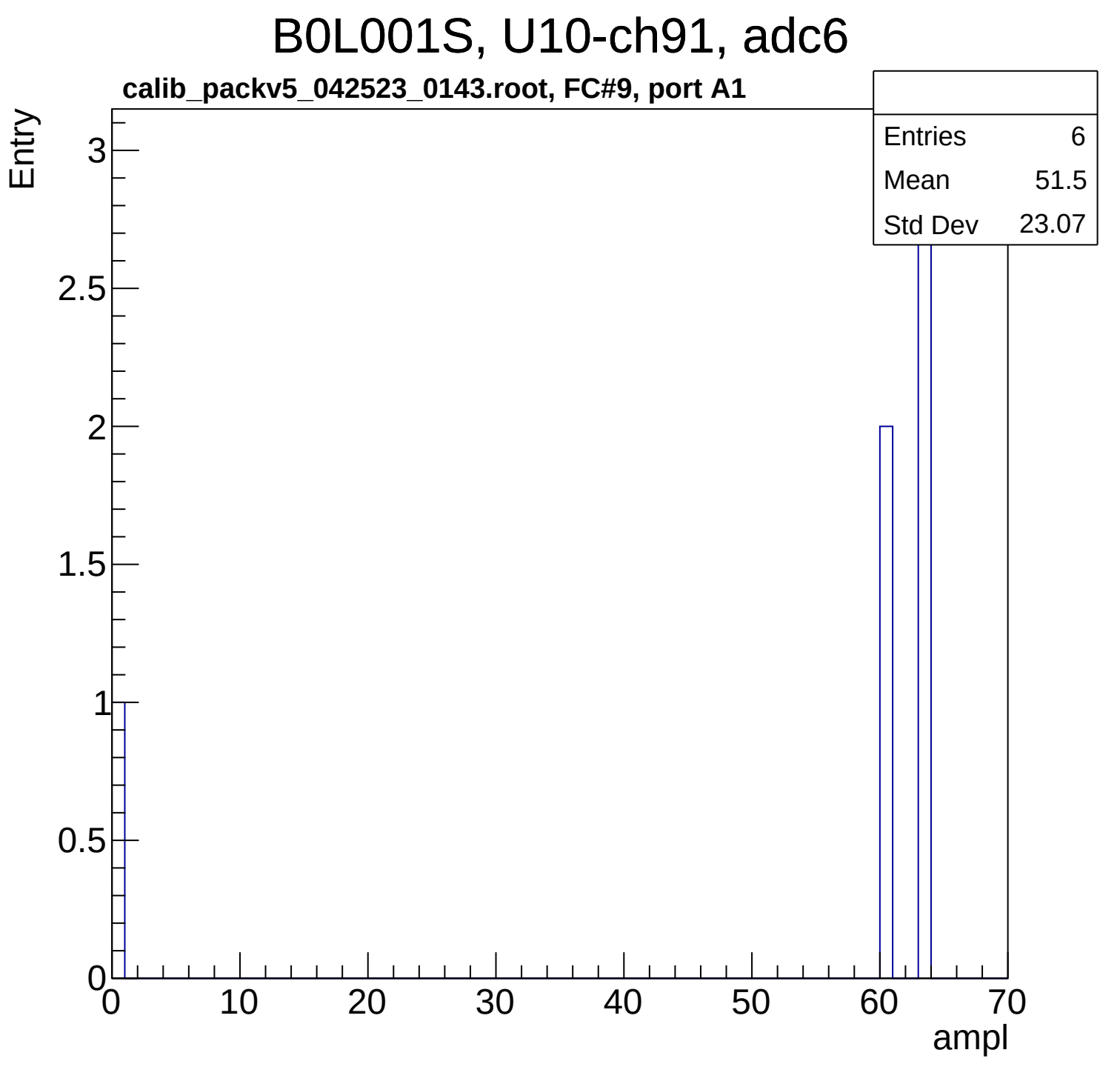
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch91, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 51.5
Std Dev 23.07
Entry
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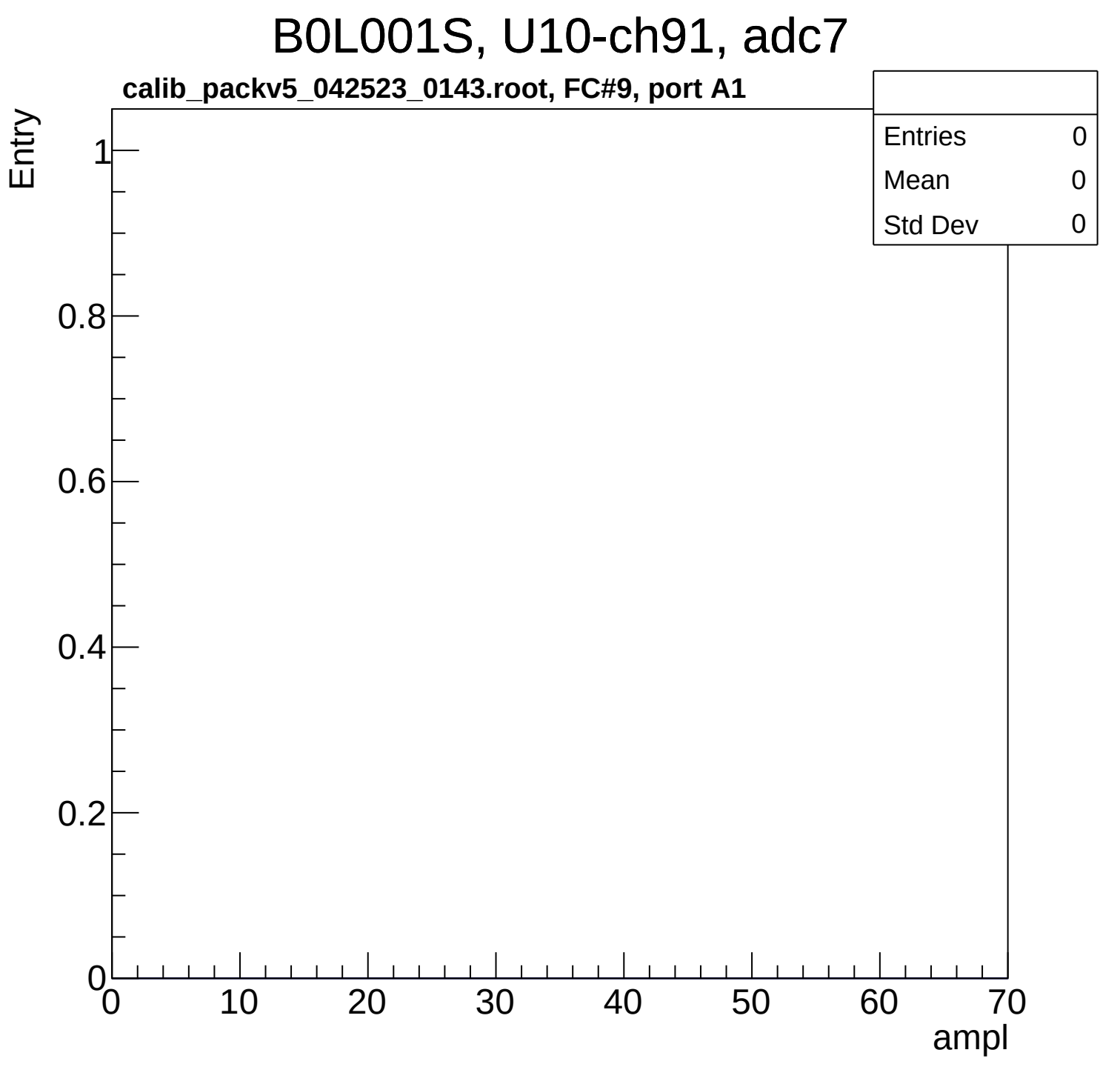
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch91, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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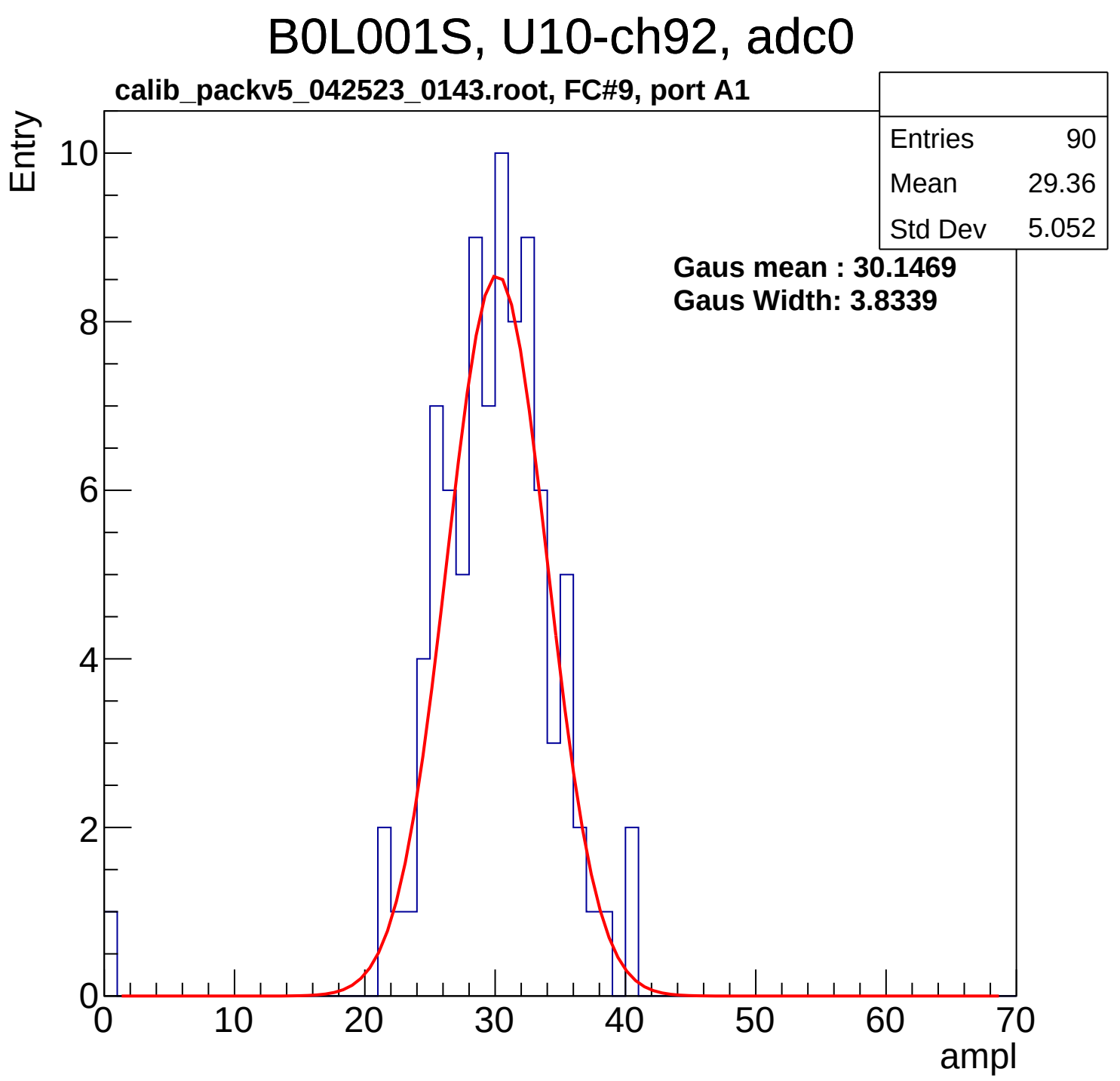
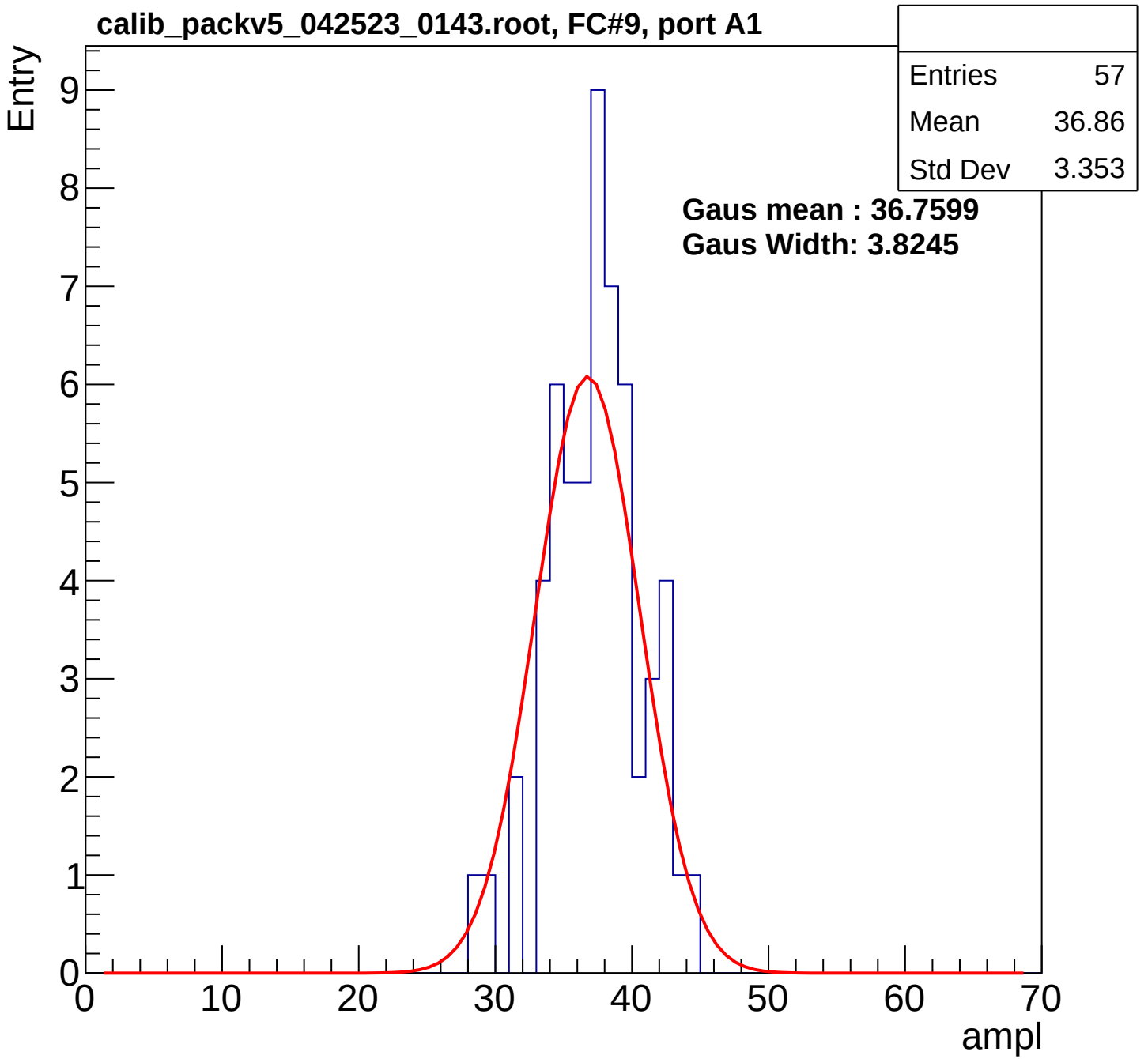
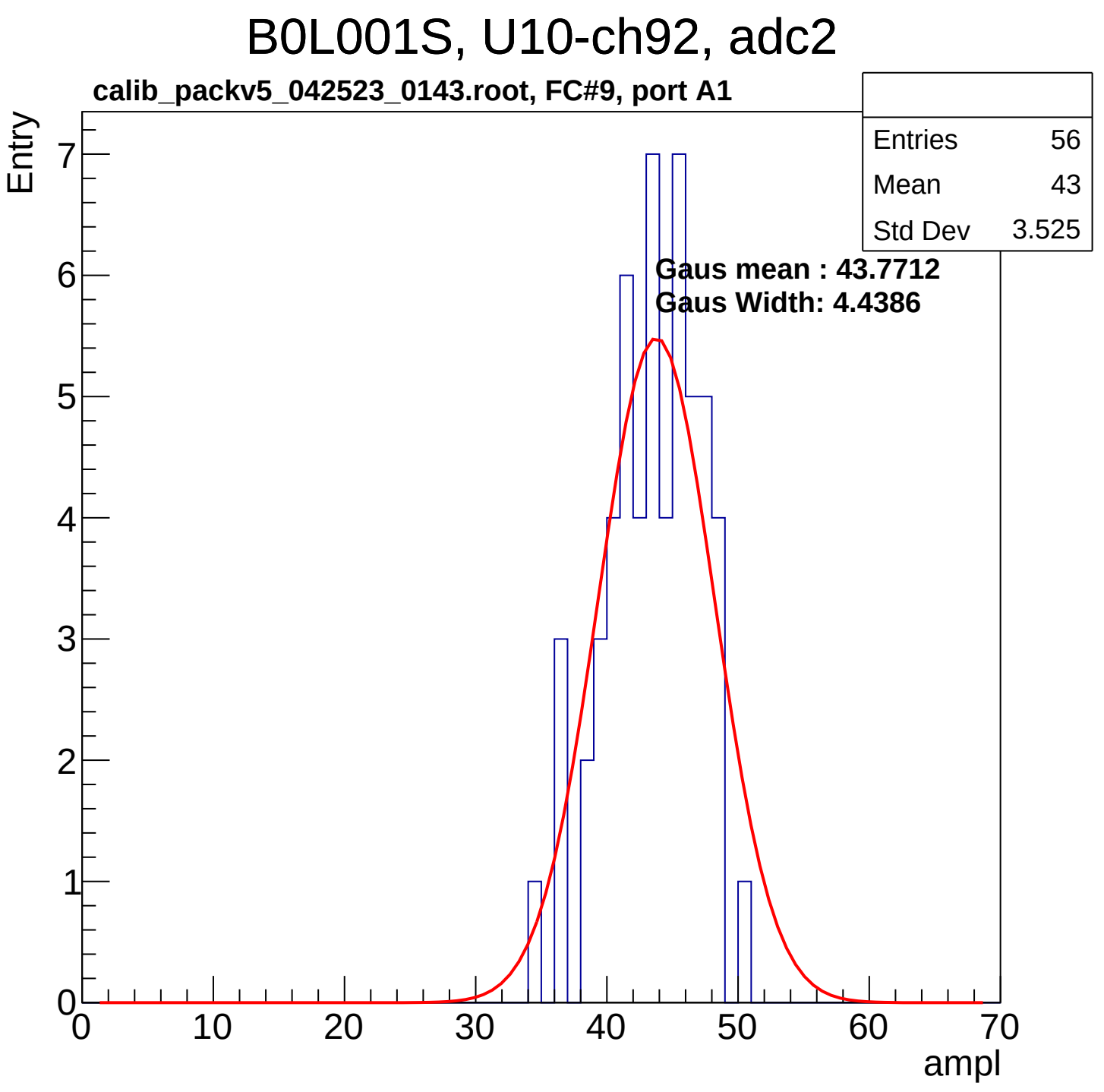
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch92, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 90
Mean 29.36
Std Dev 5.052
Gaus mean : 30.1469
Gaus Width: 3.8339
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch92, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 36.86
Std Dev 3.353
Gaus mean : 36.7599
Gaus Width: 3.8245
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch92, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 43
Std Dev 3.525
Gaus mean : 43.7712
Gaus Width: 4.4386
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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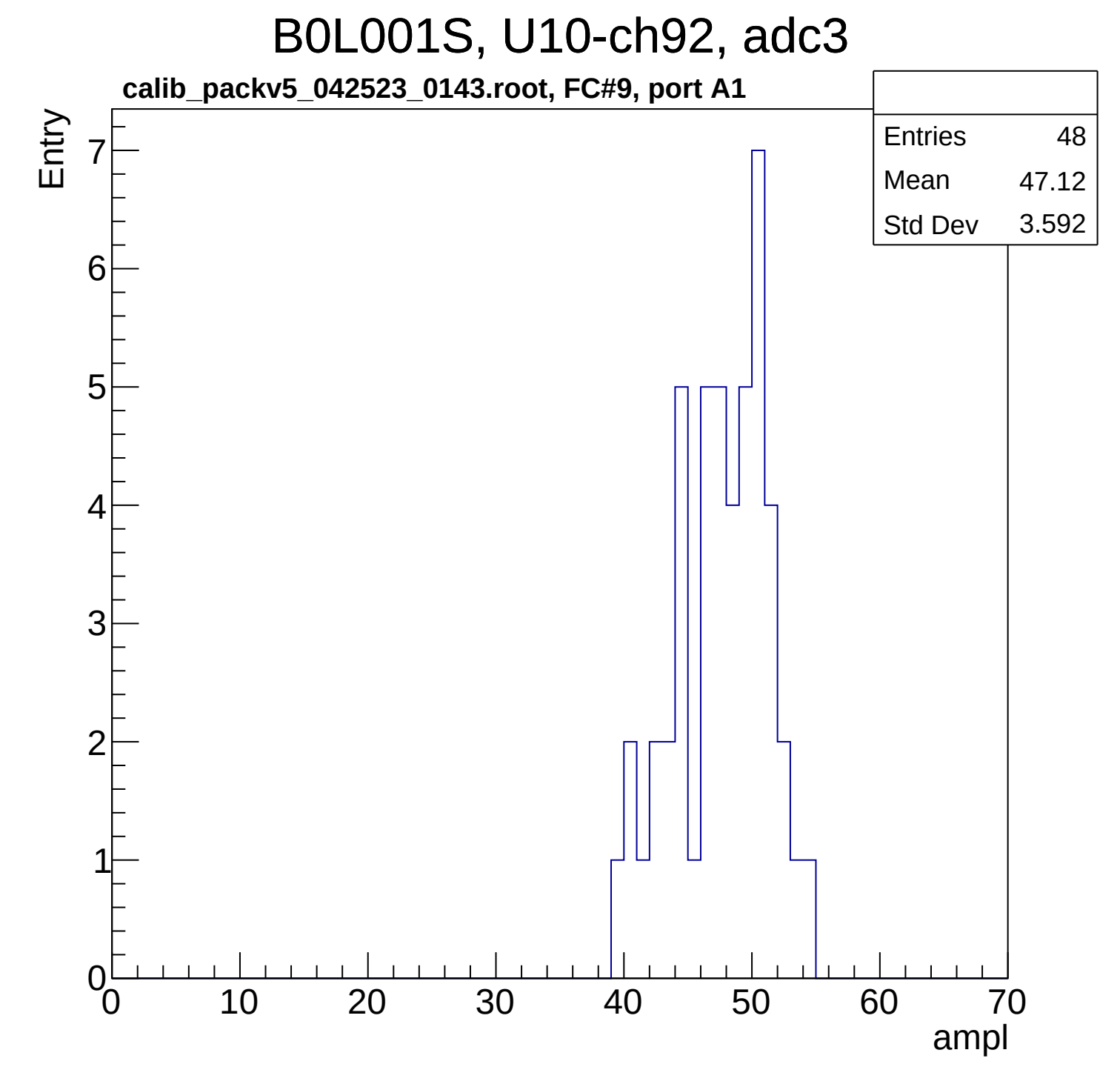
B0L001S, U10-ch92, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 47.12
Std Dev 3.592
Entry
ampl
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1
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3
4
5
6
7
0
10
20
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40
50
60
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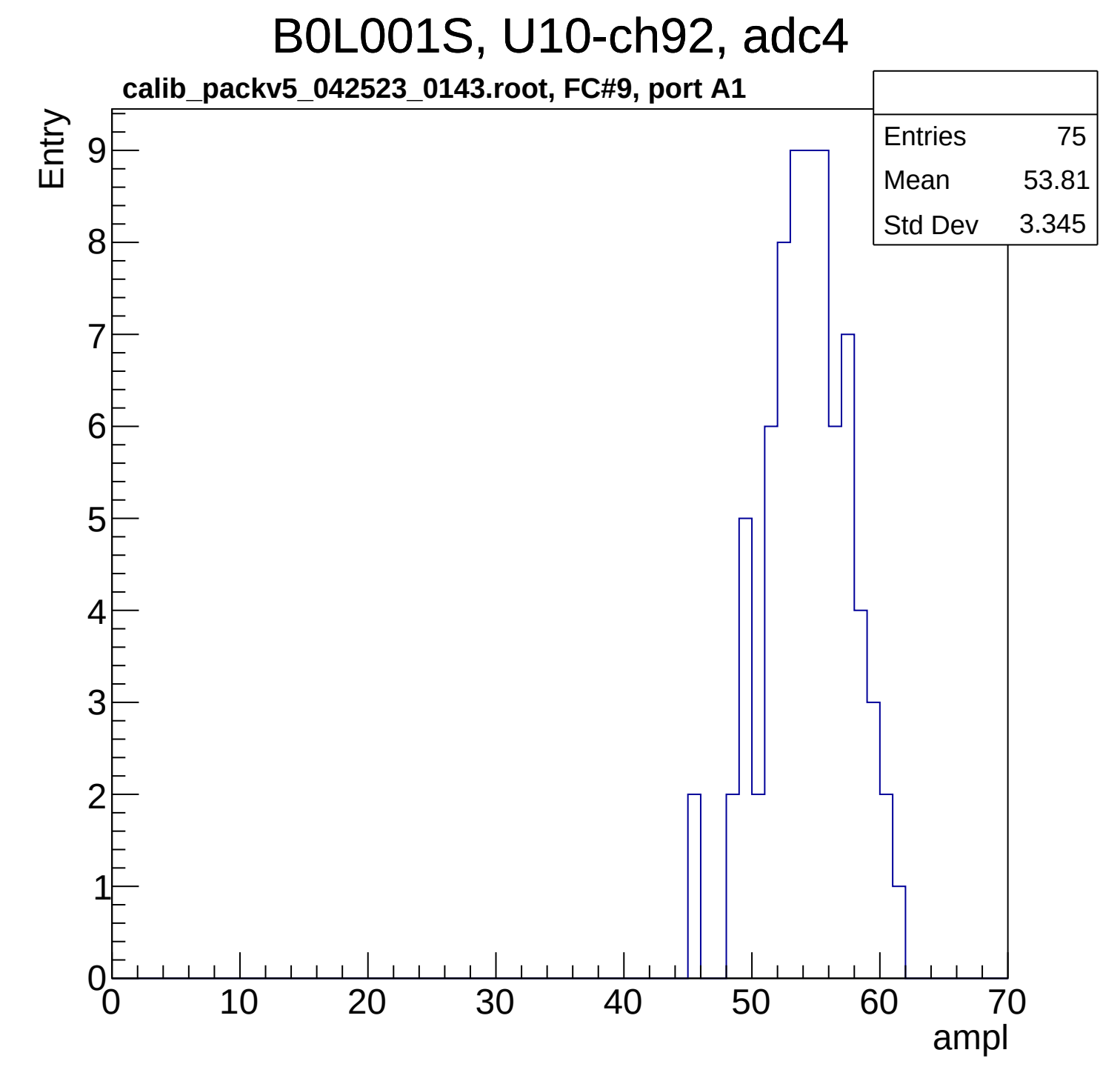
B0L001S, U10-ch92, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 53.81
Std Dev 3.345
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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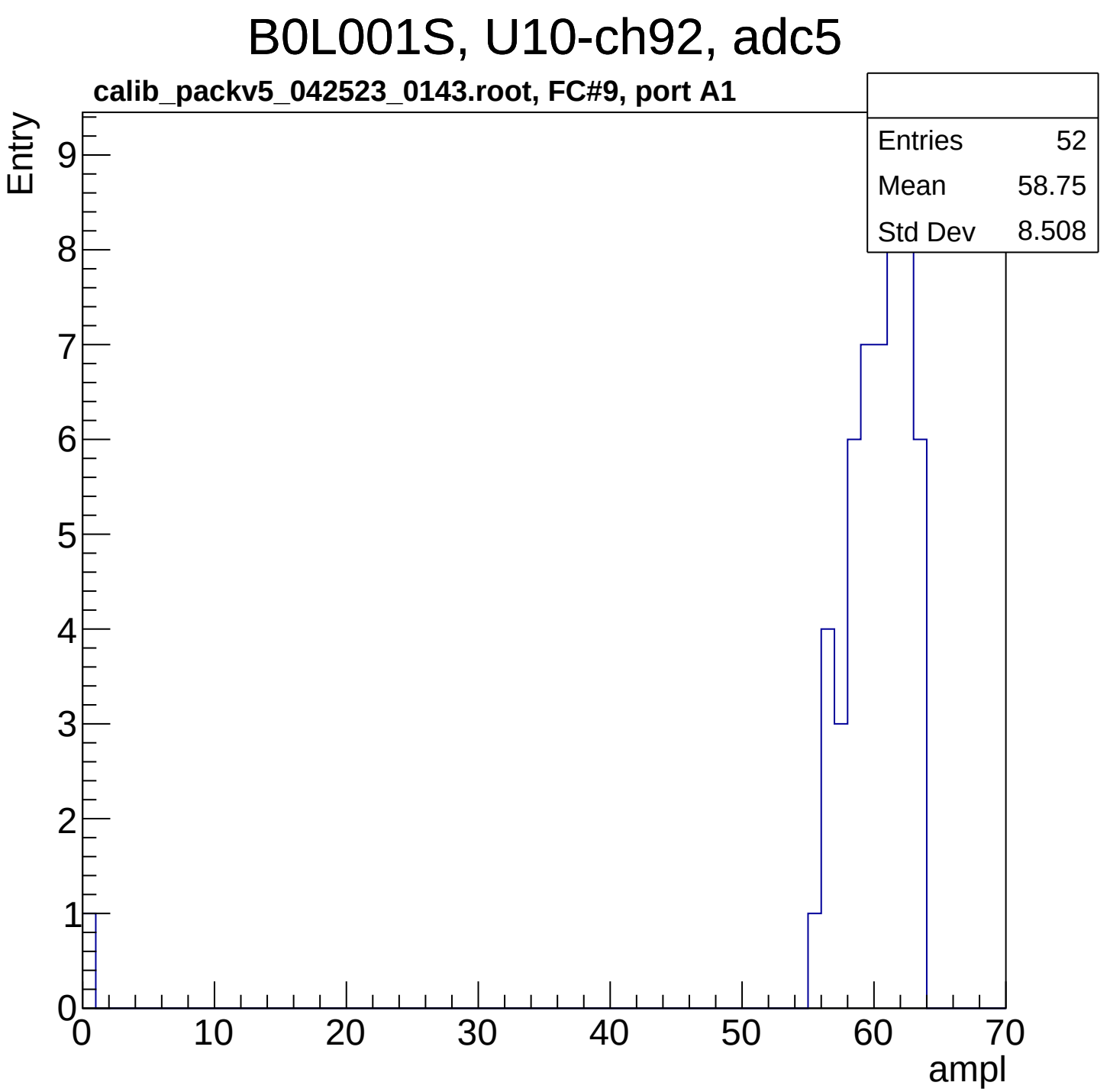
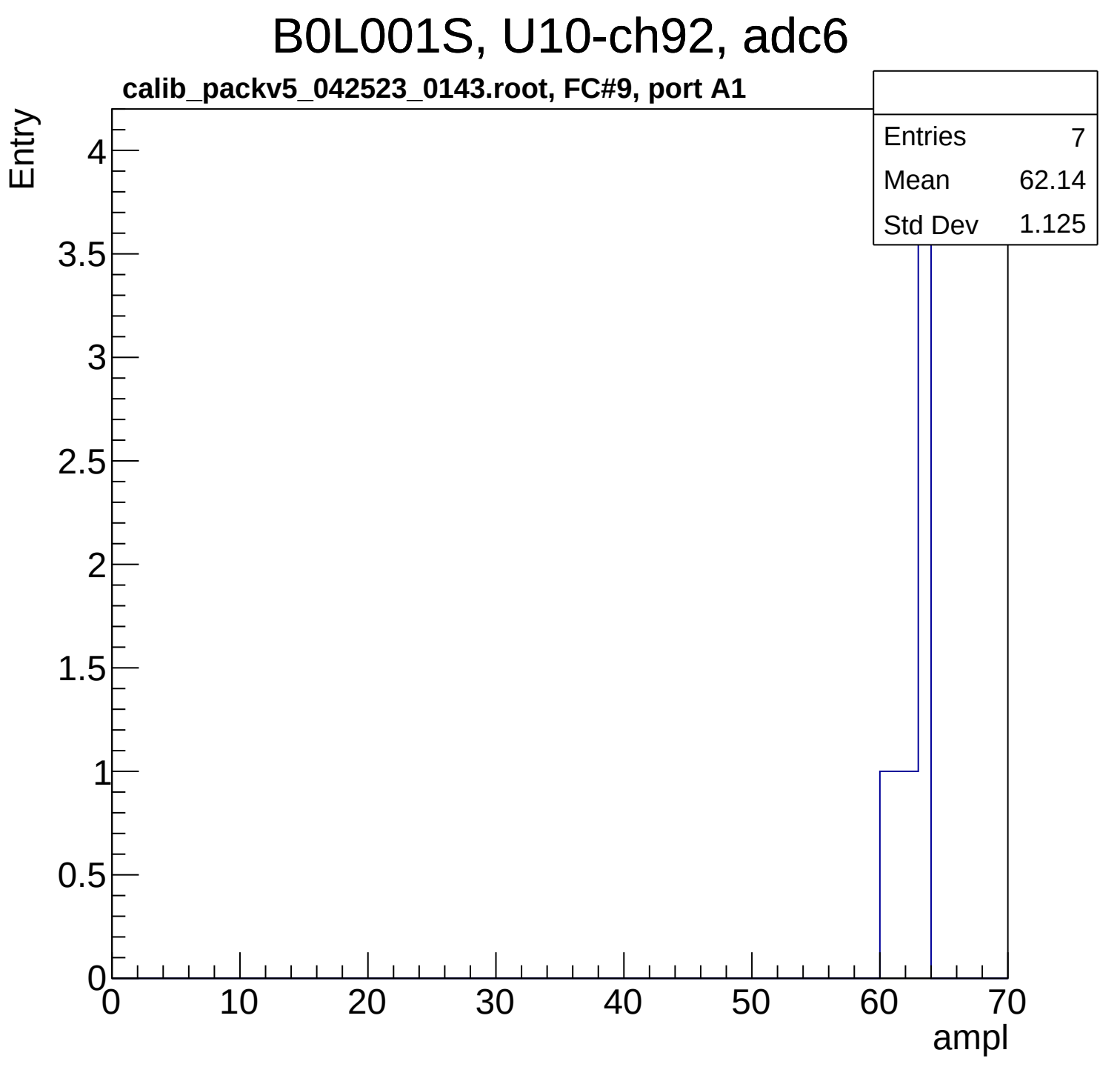
40
50
60
70


B0L001S, U10-ch92, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 58.75
Std Dev 8.508
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch92, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 62.14
Std Dev 1.125
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
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60
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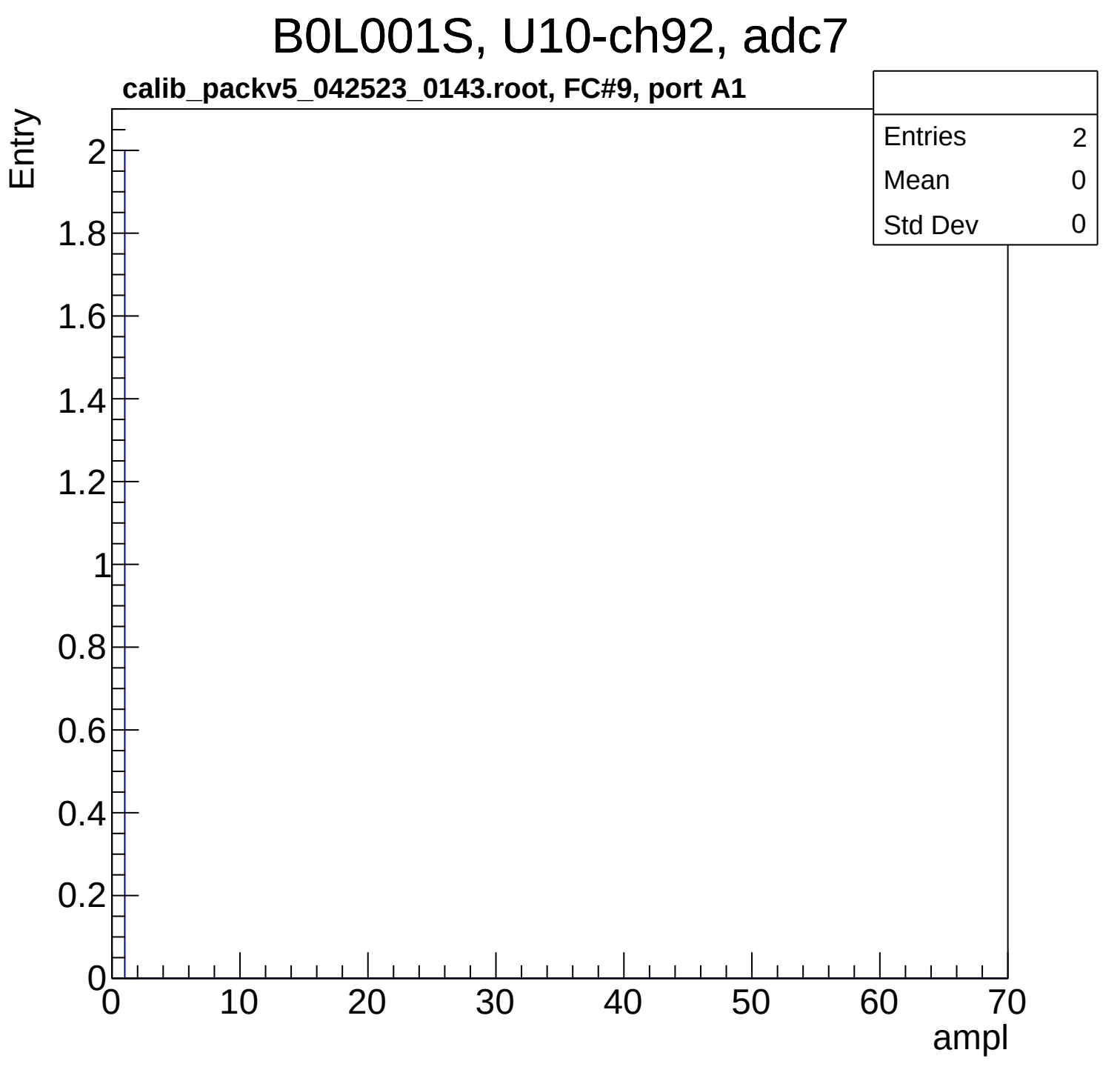
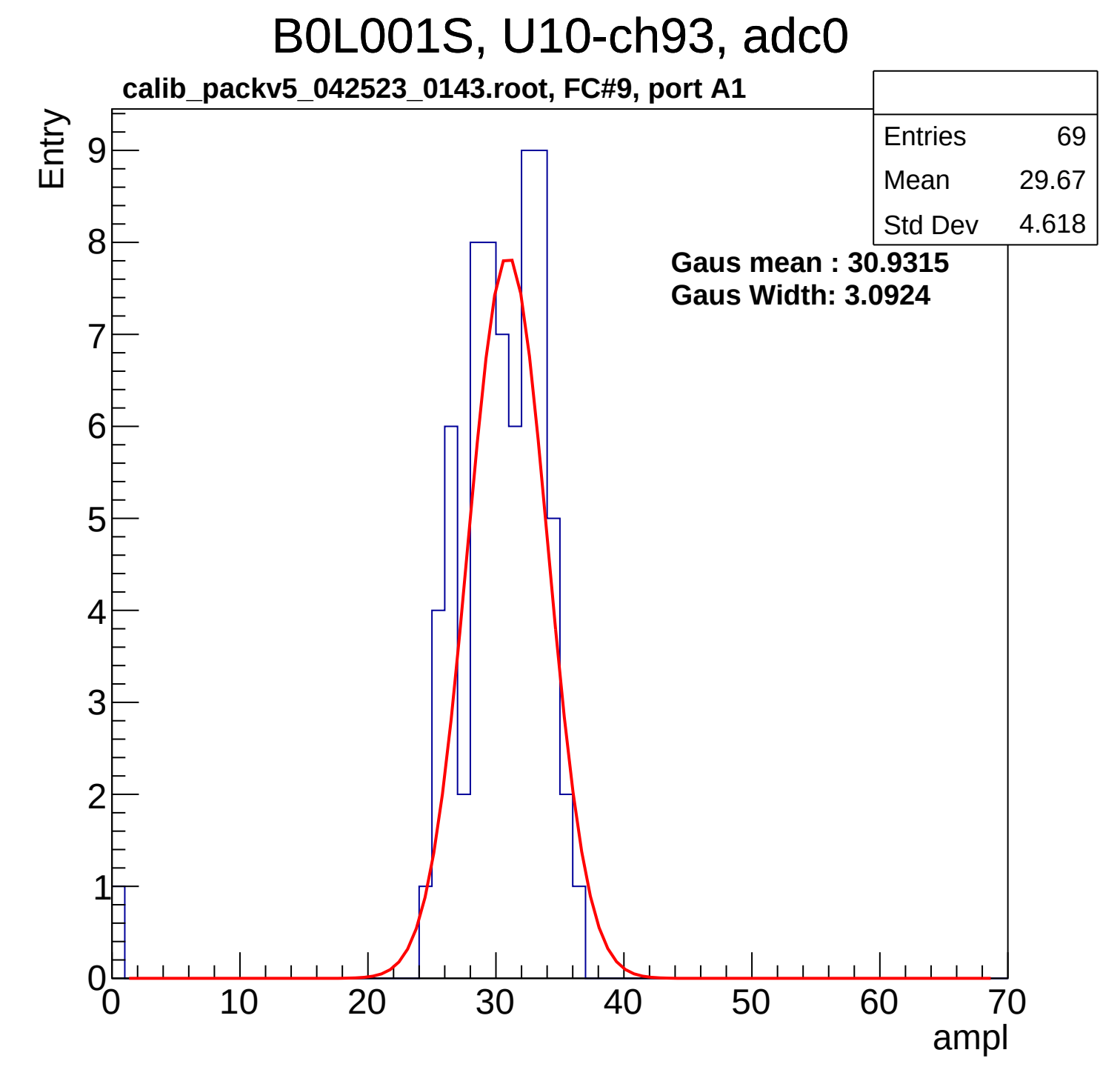
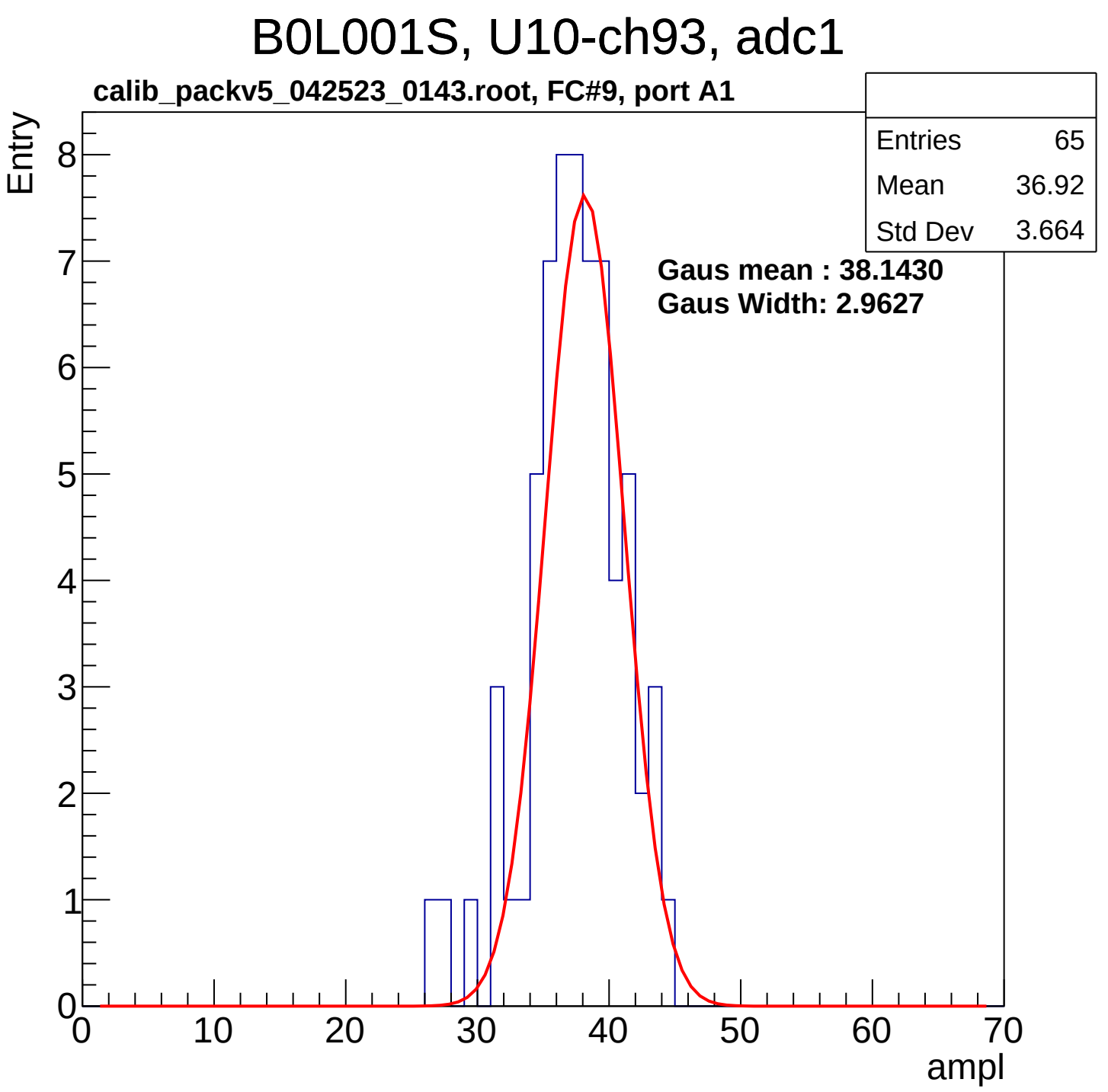
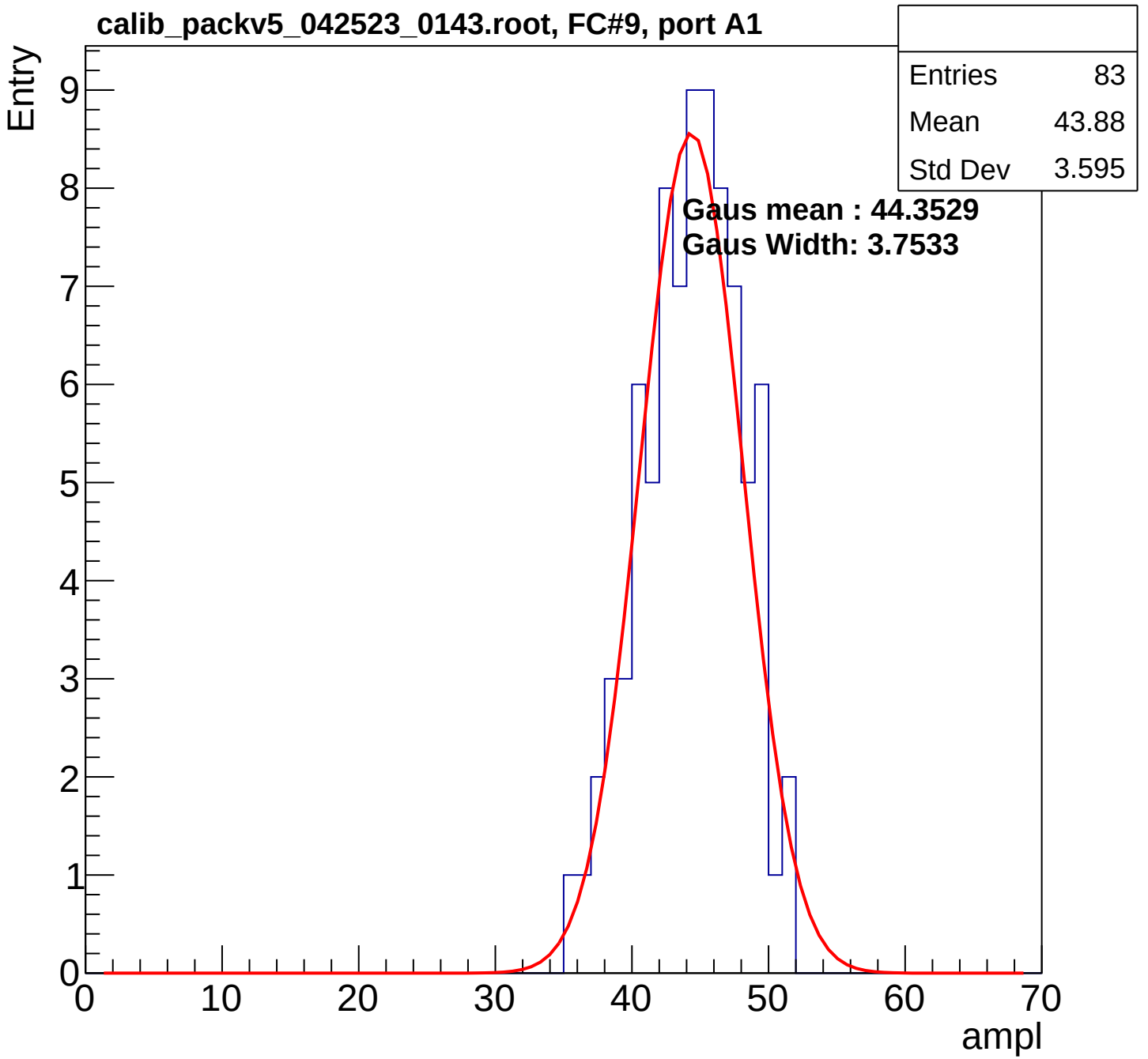

B0L001S, U10-ch92, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch93, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 29.67
Std Dev 4.618
Gaus mean : 30.9315
Gaus Width: 3.0924
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch93, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 36.92
Std Dev 3.664
Gaus mean : 38.1430
Gaus Width: 2.9627
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch93, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 43.88
Std Dev 3.595
Gaus mean : 44.3529
Gaus Width: 3.7533
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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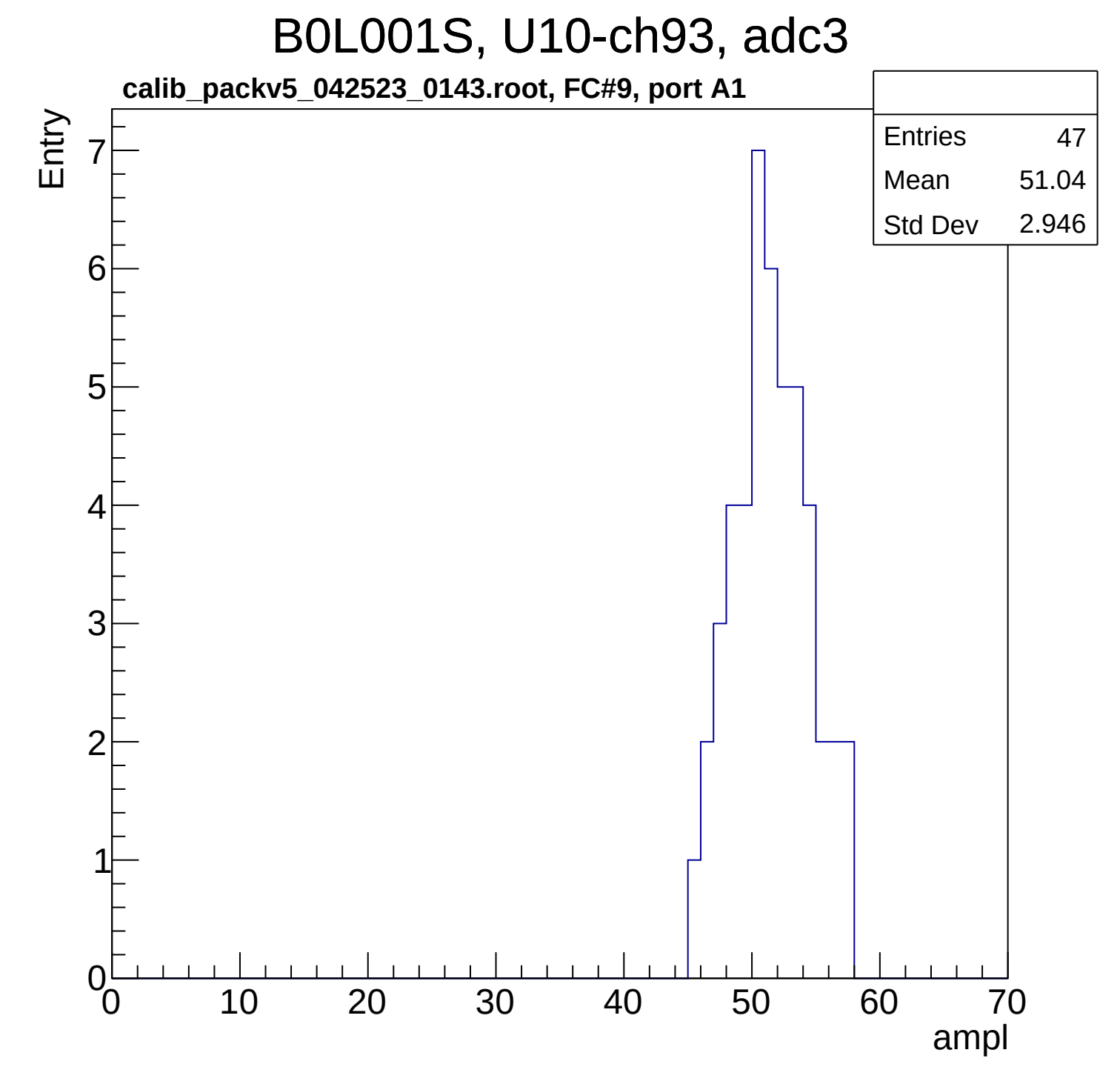
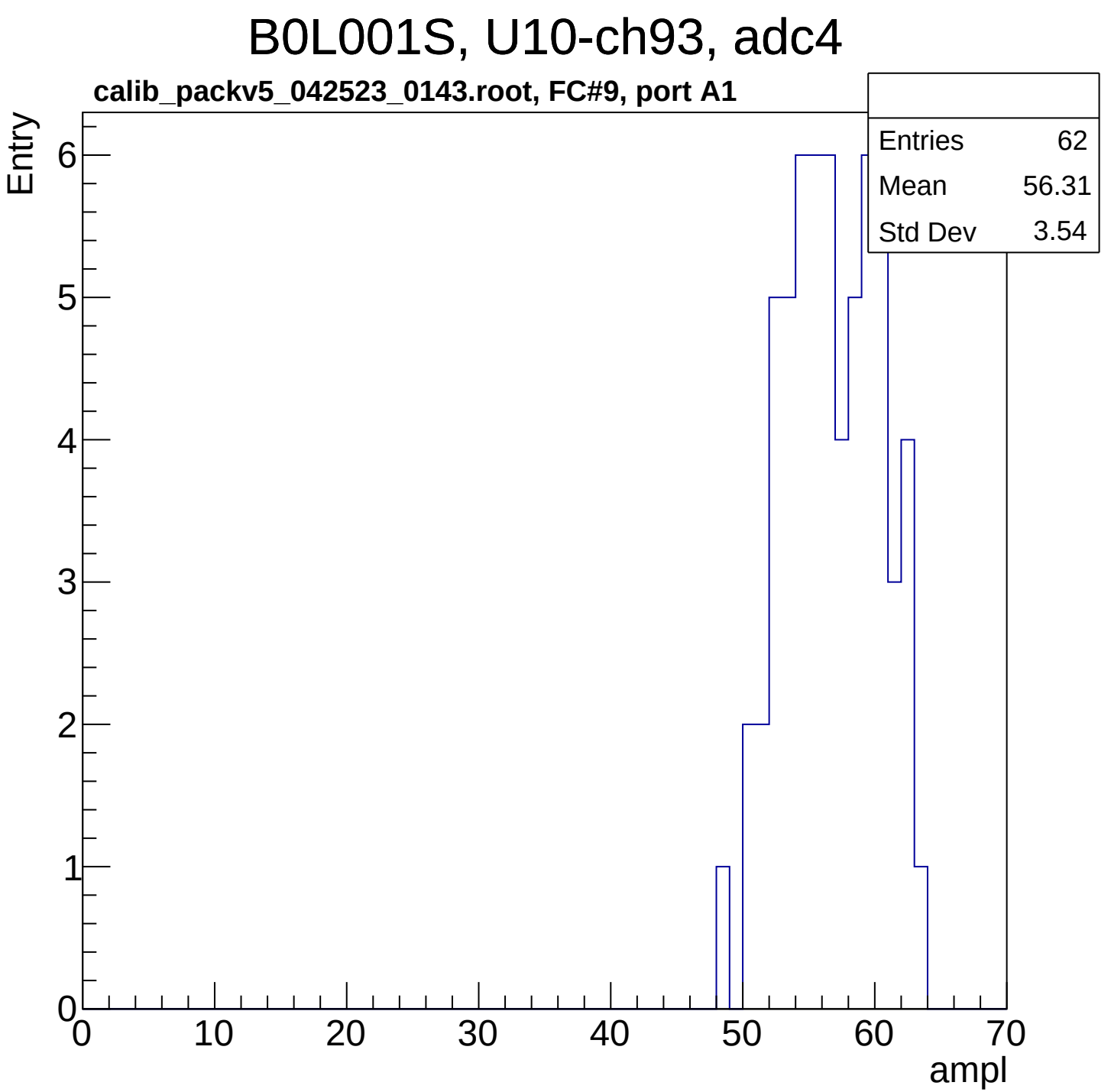
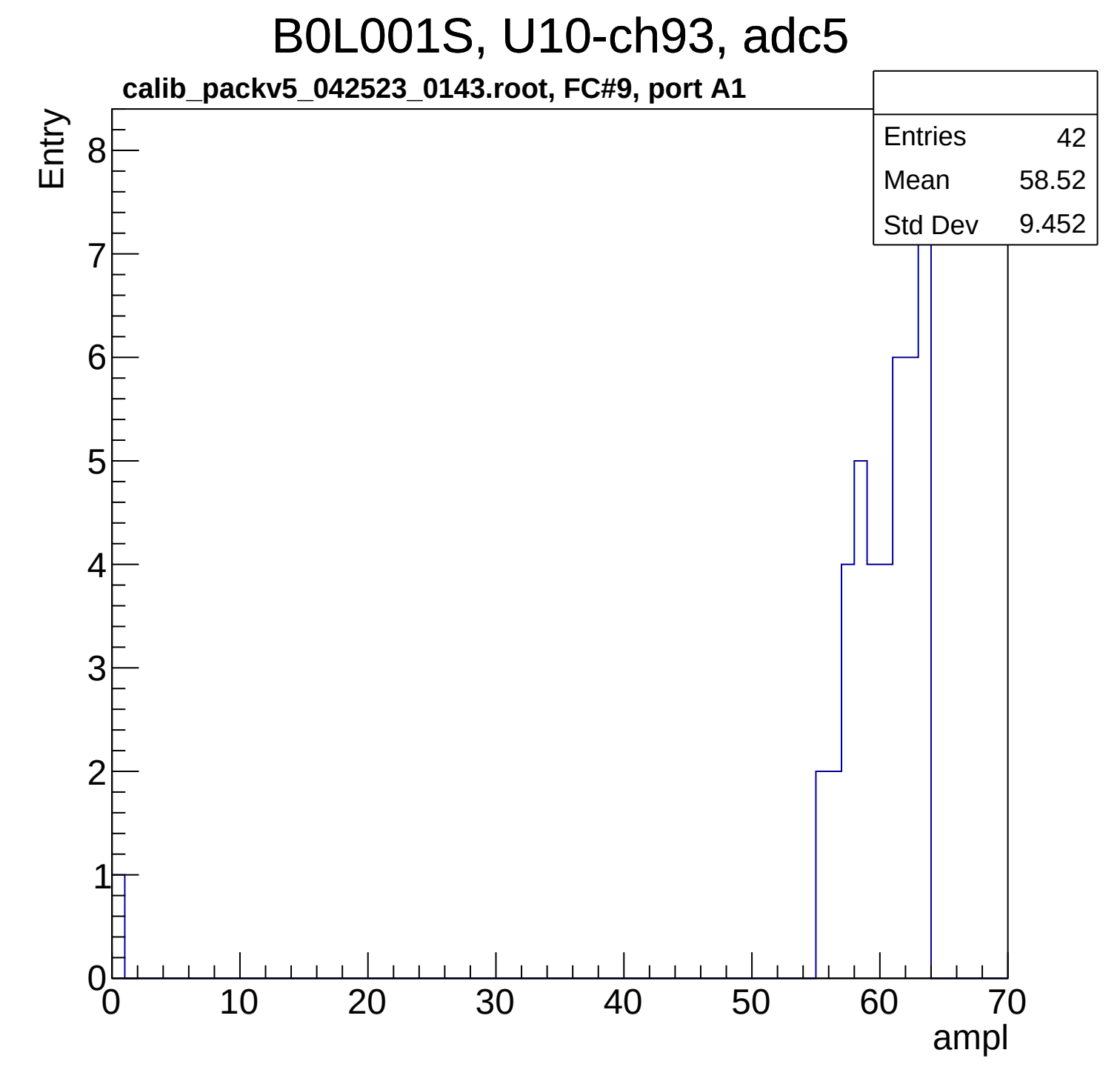
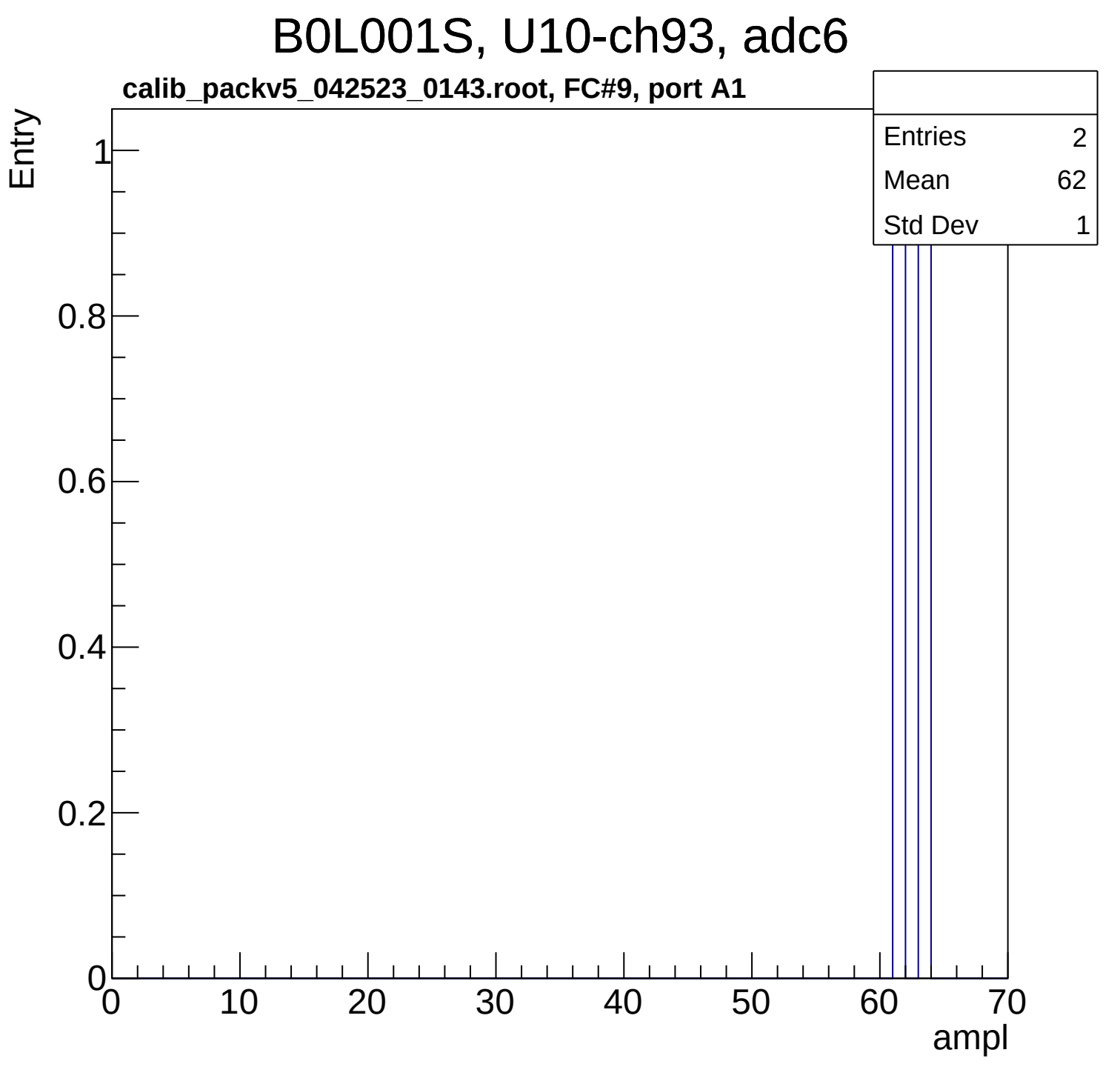
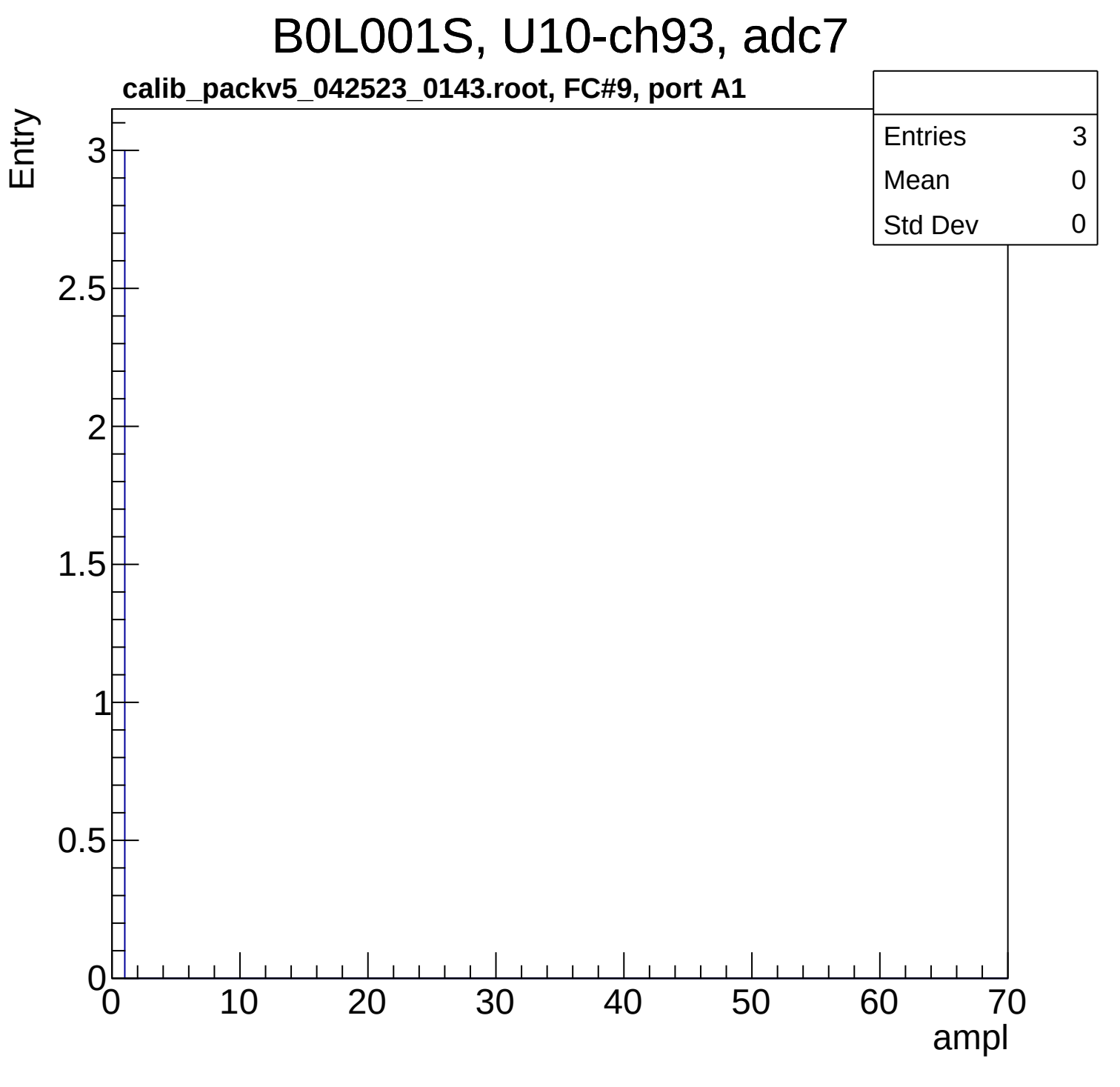
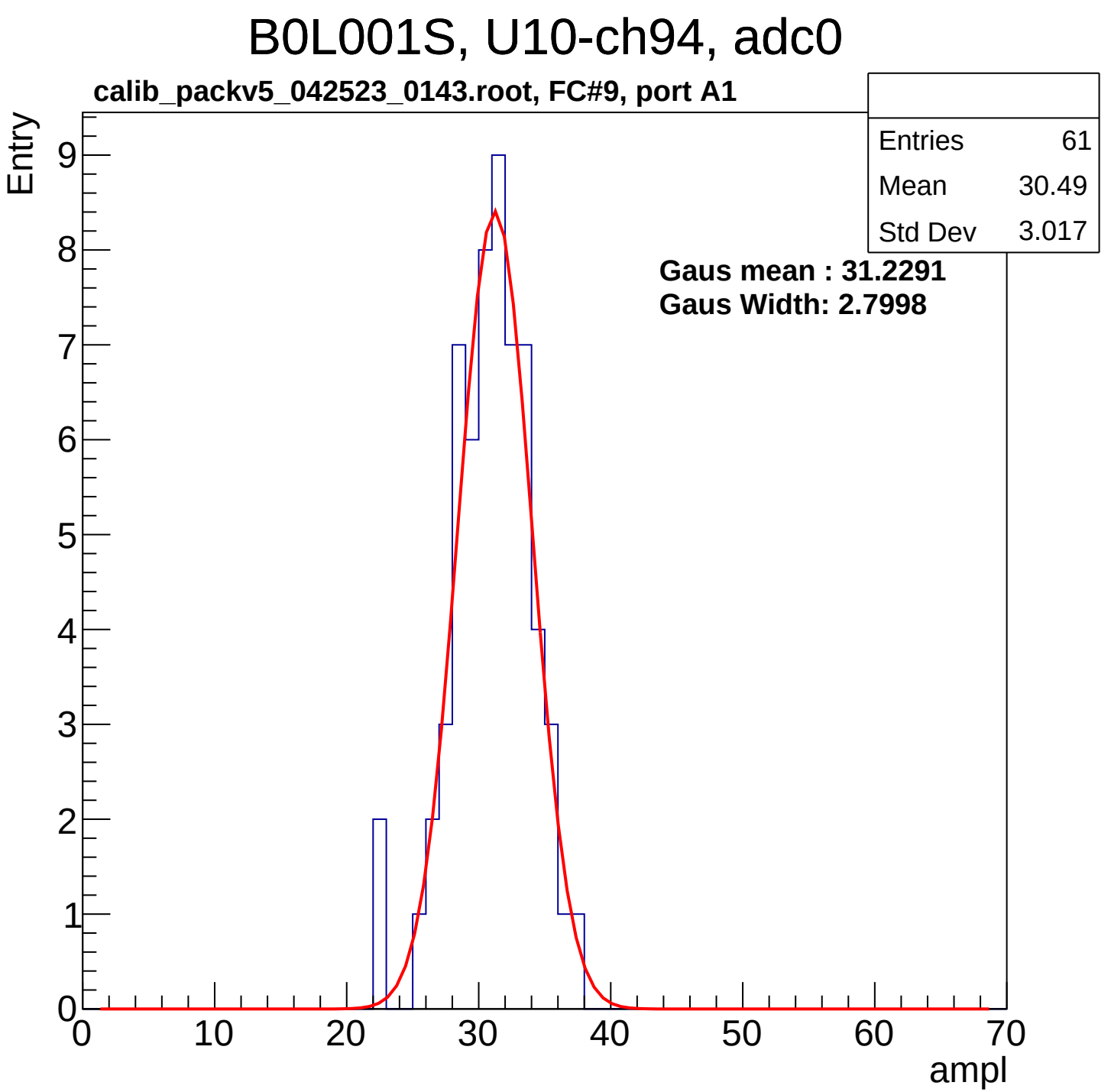

B0L001S, U10-ch93, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 51.04
Std Dev 2.946
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

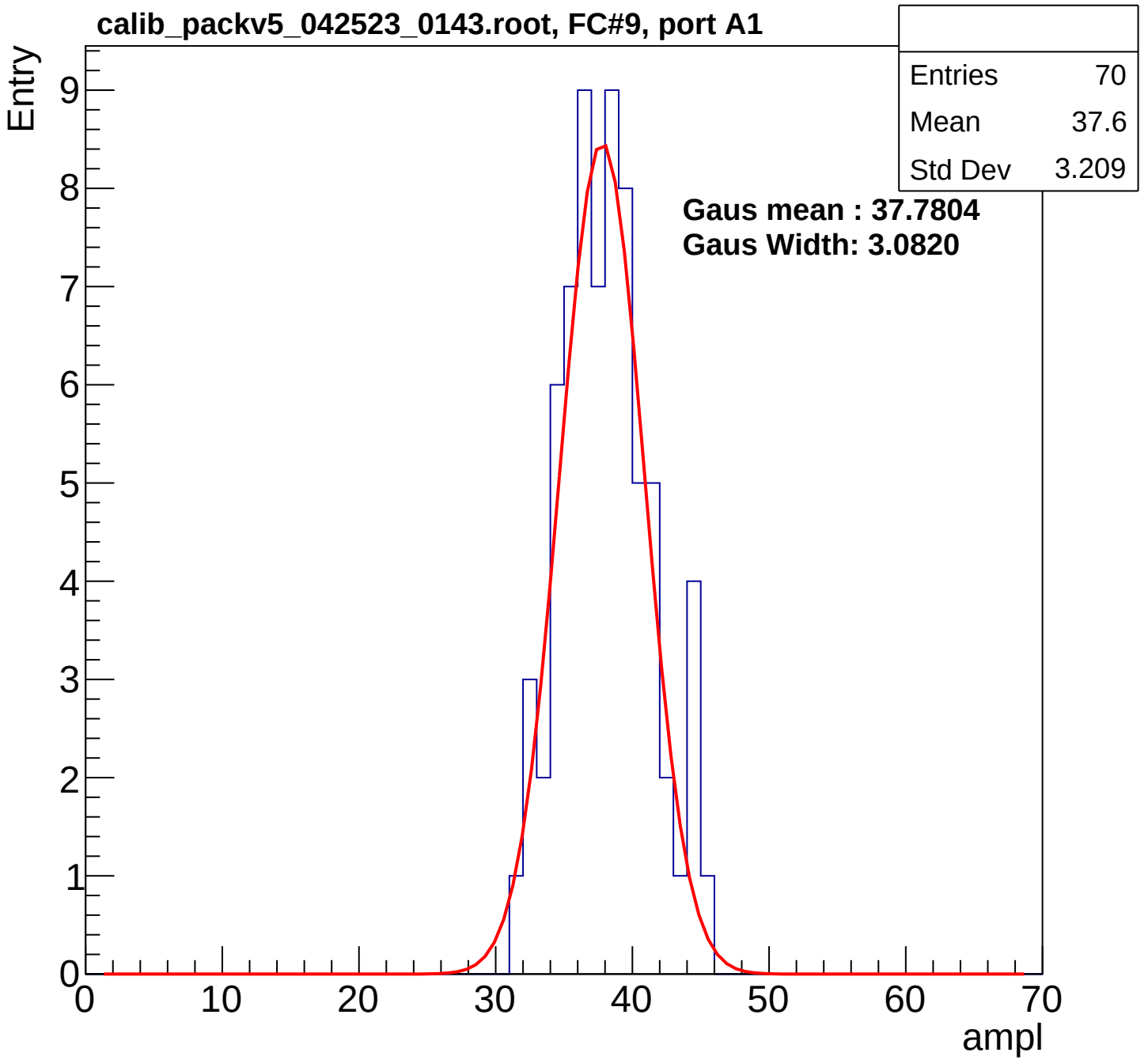

B0L001S, U10-ch93, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 56.31
Std Dev 3.54
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

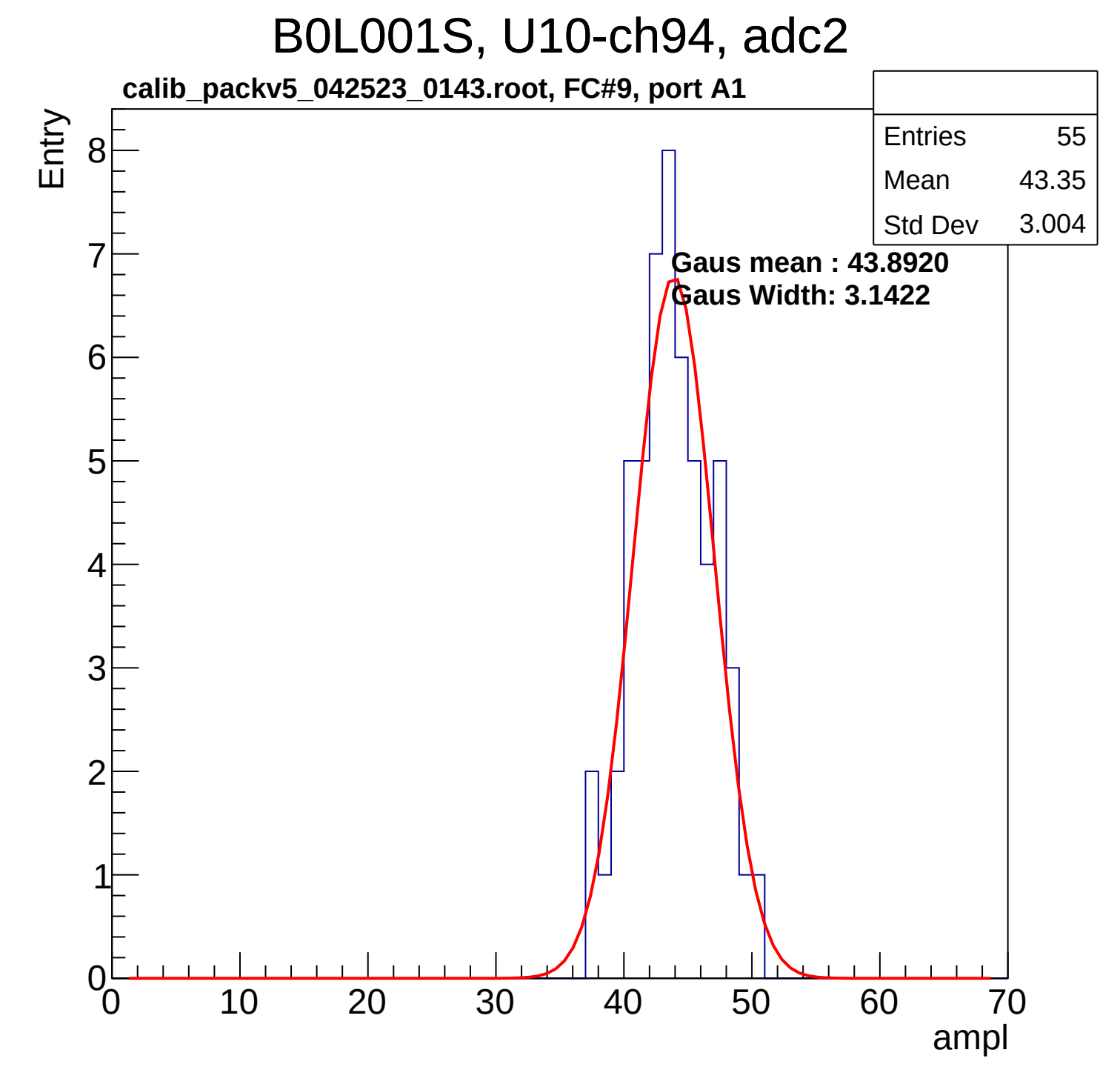

B0L001S, U10-ch93, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.52
Std Dev 9.452
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

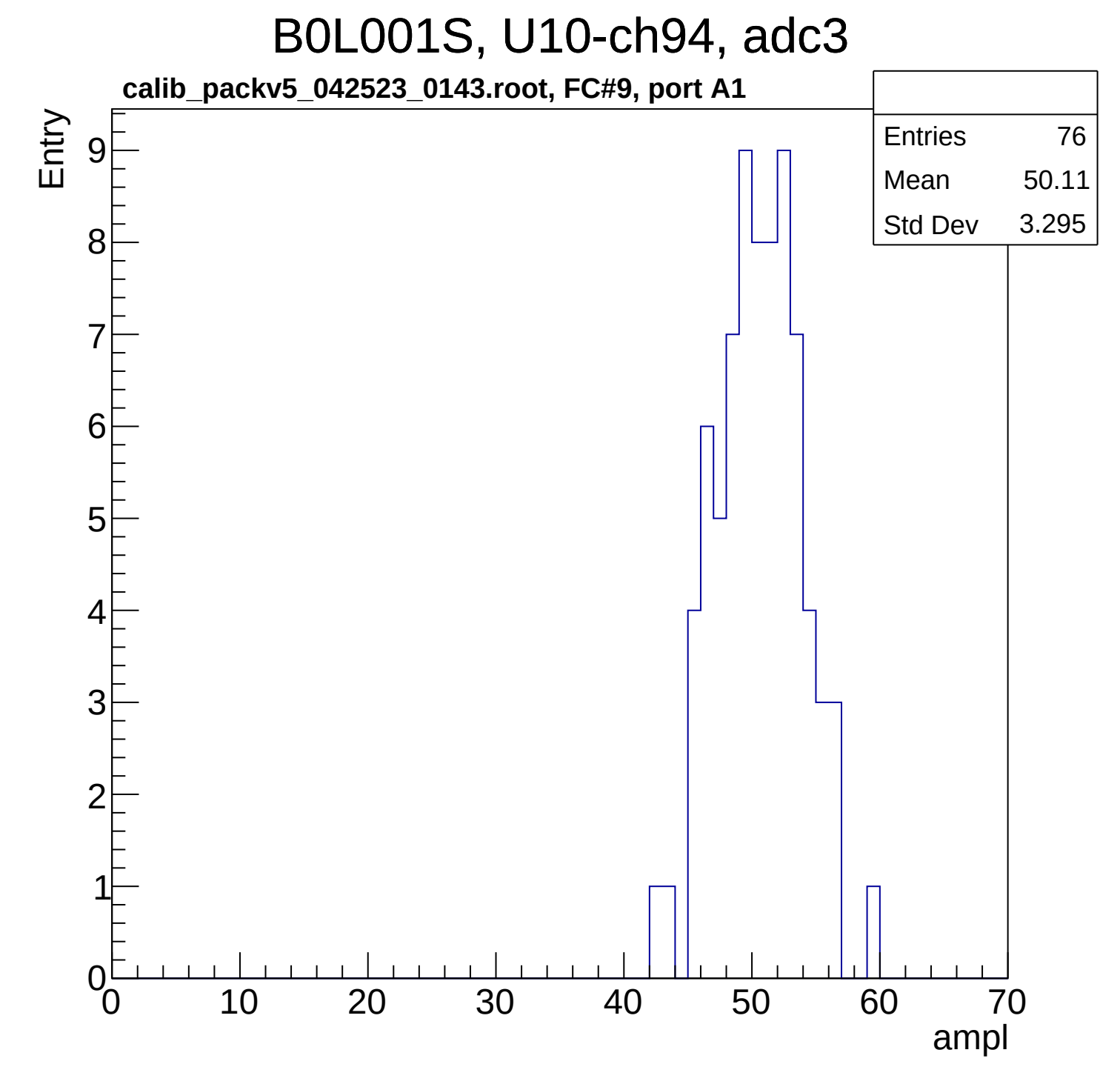

B0L001S, U10-ch93, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch93, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch94, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 30.49
Std Dev 3.017
Gaus mean : 31.2291
Gaus Width: 2.7998
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch94, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 37.6
Std Dev 3.209
Gaus mean : 37.7804
Gaus Width: 3.0820
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch94, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 43.35
Std Dev 3.004
Gaus mean : 43.8920
Gaus Width: 3.1422
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch94, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 50.11
Std Dev 3.295
Entry
ampl
0
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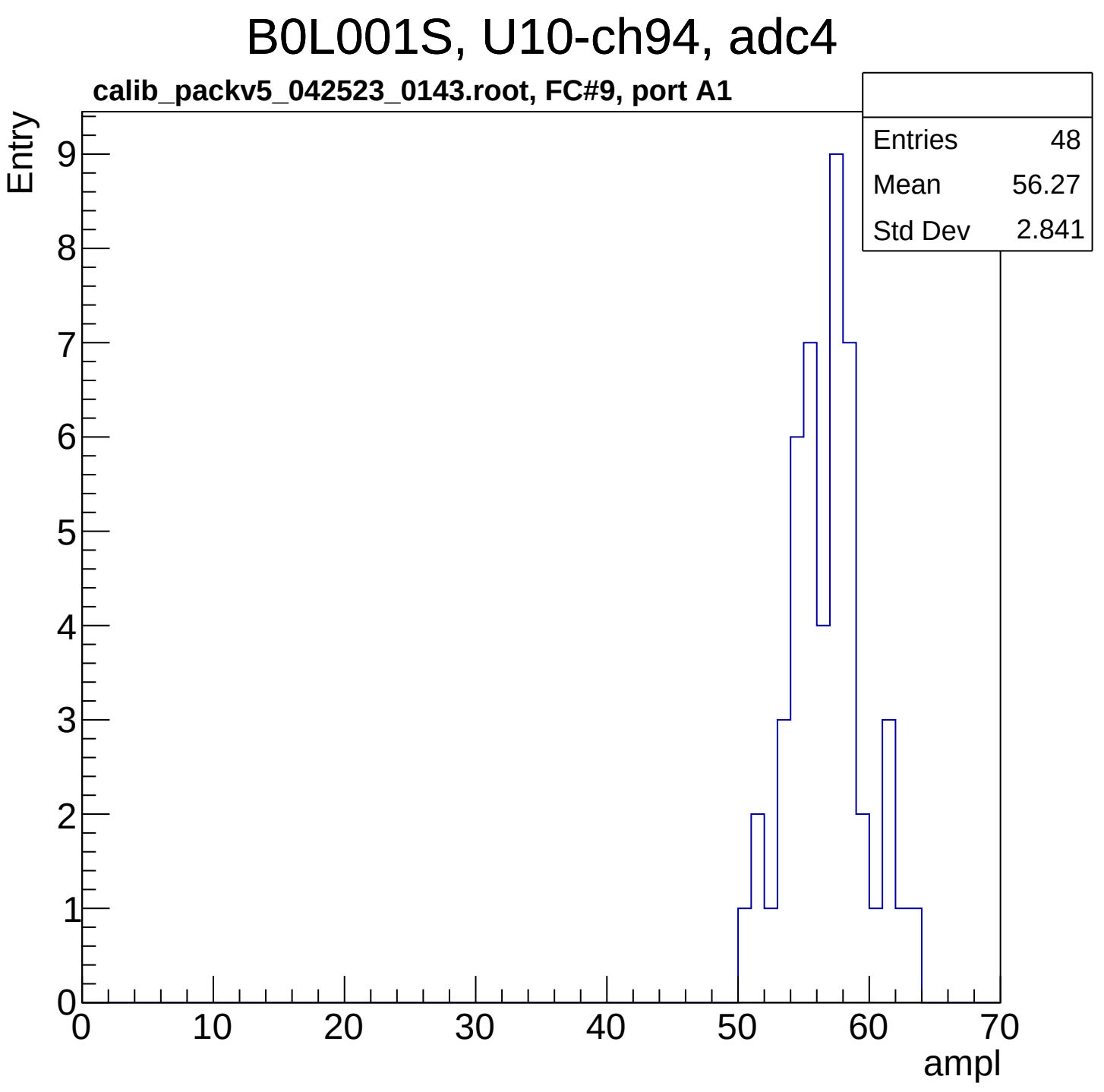
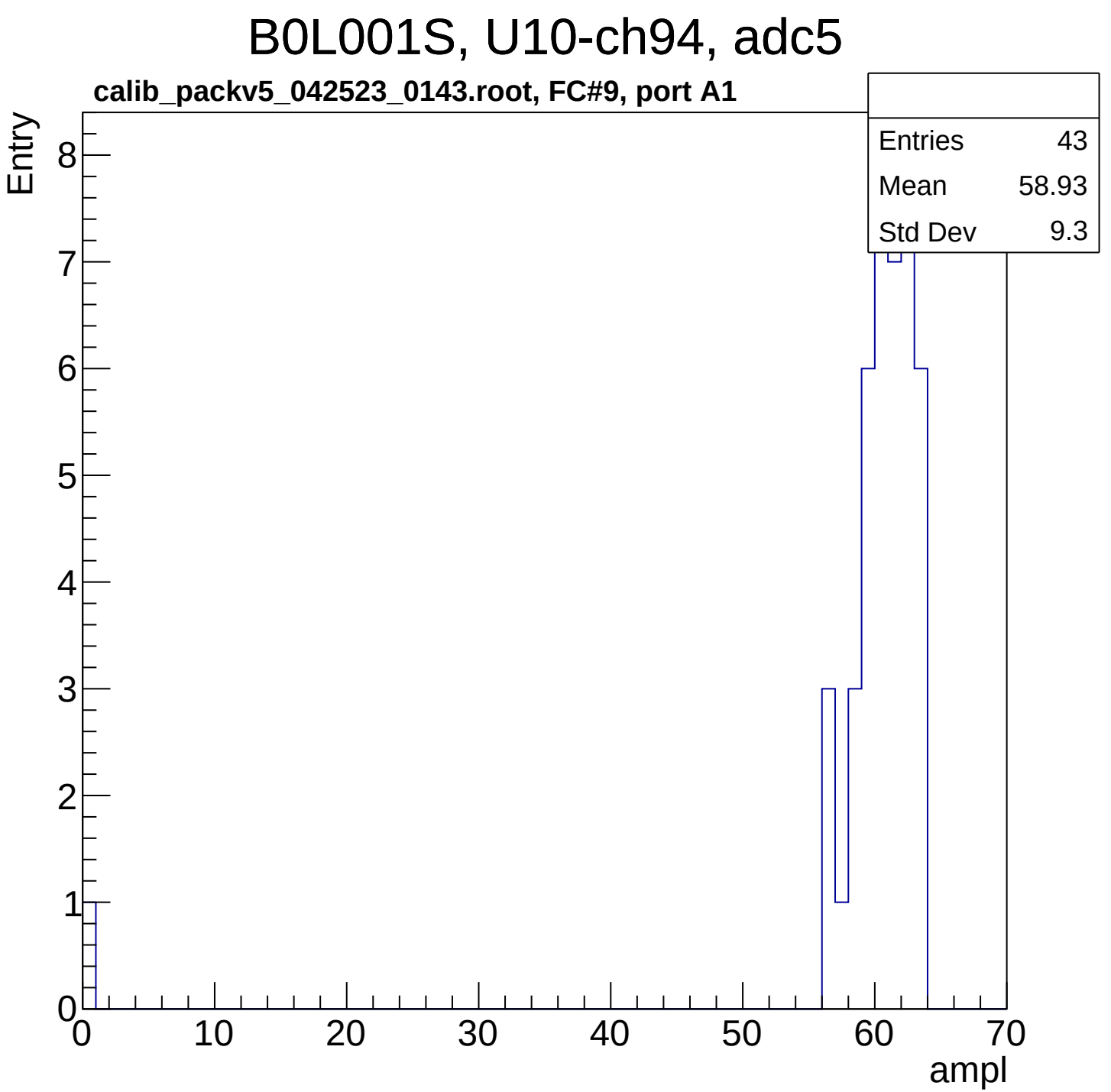
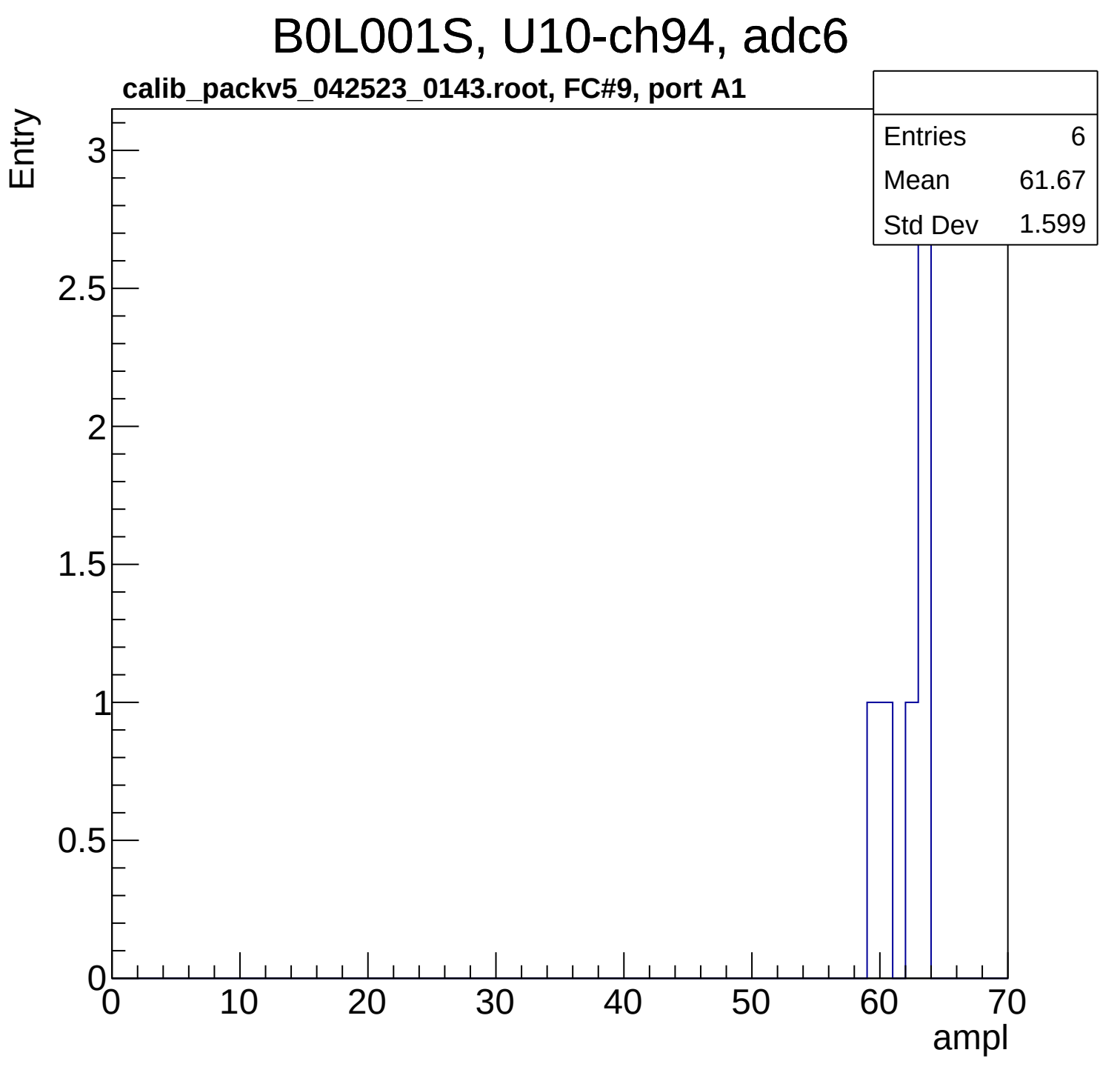
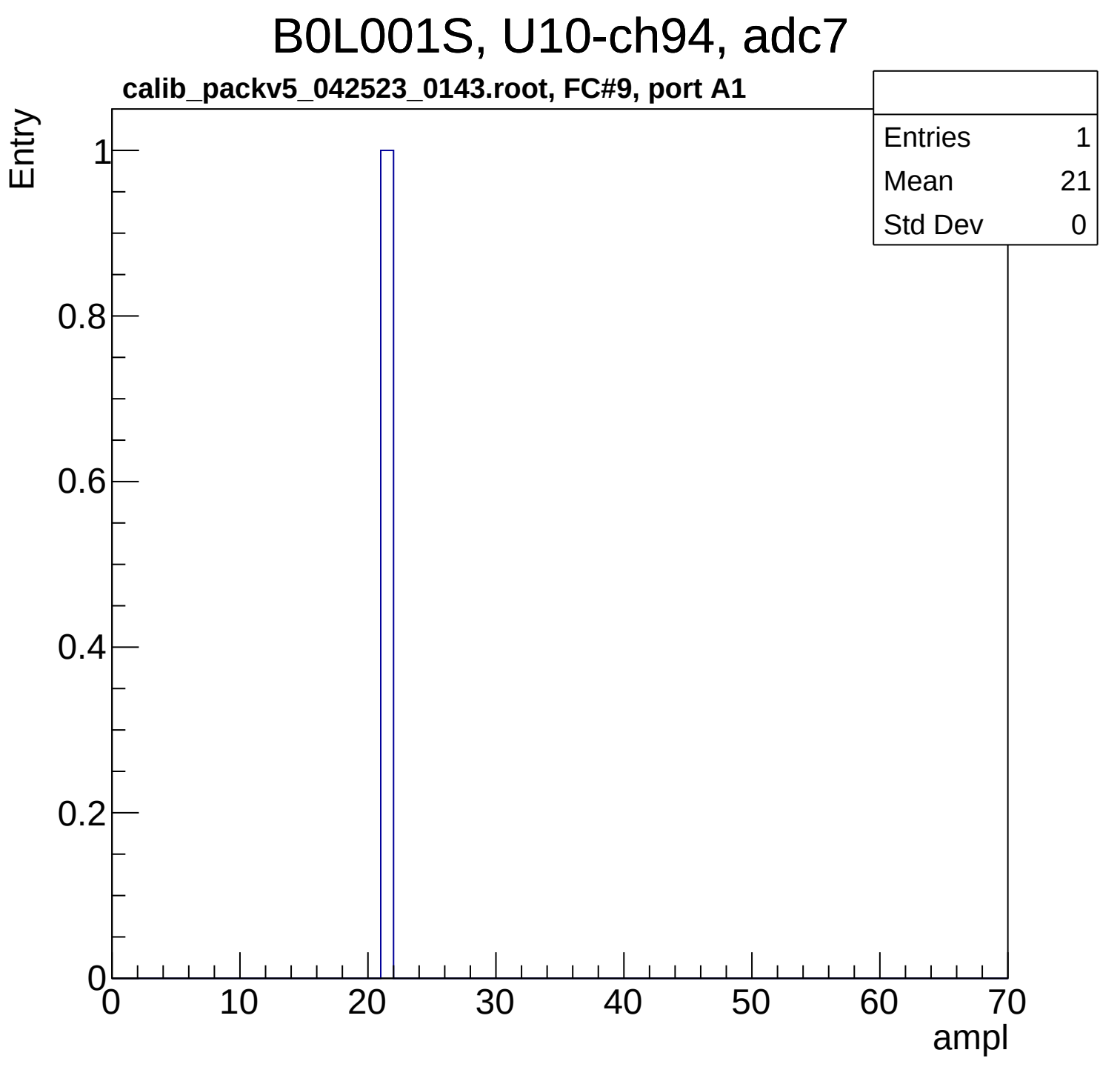
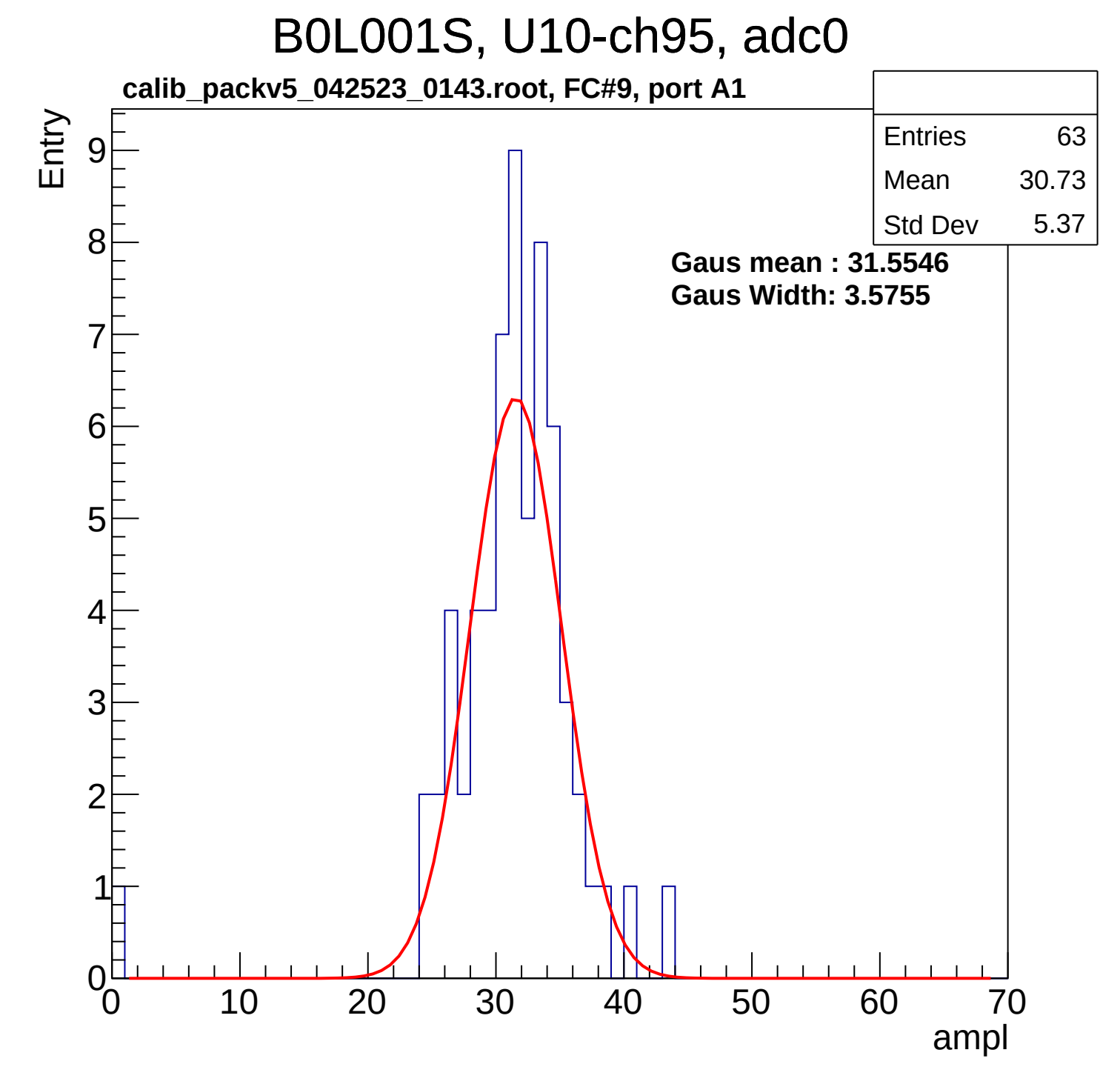
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

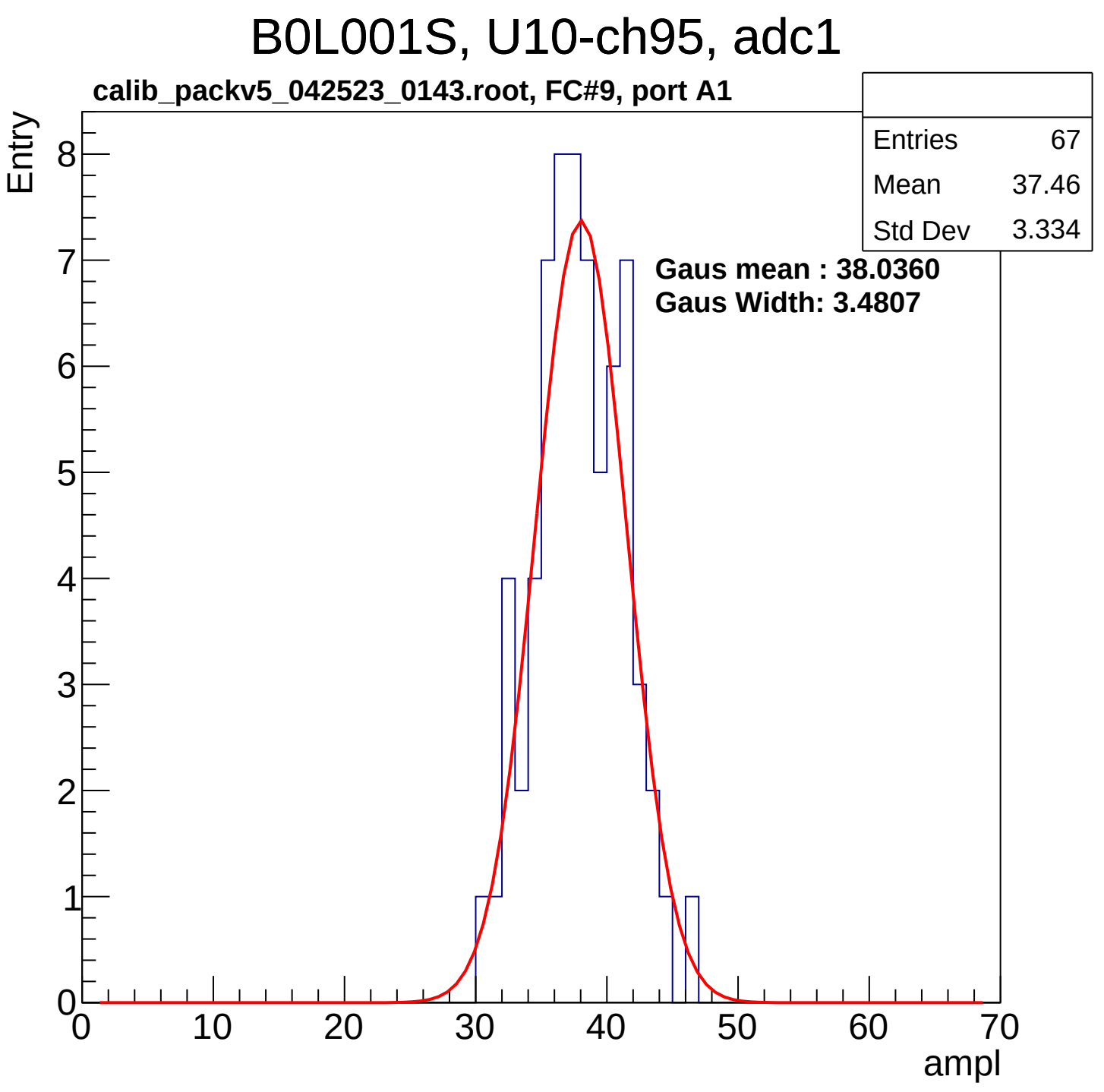

B0L001S, U10-ch94, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 56.27
Std Dev 2.841
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

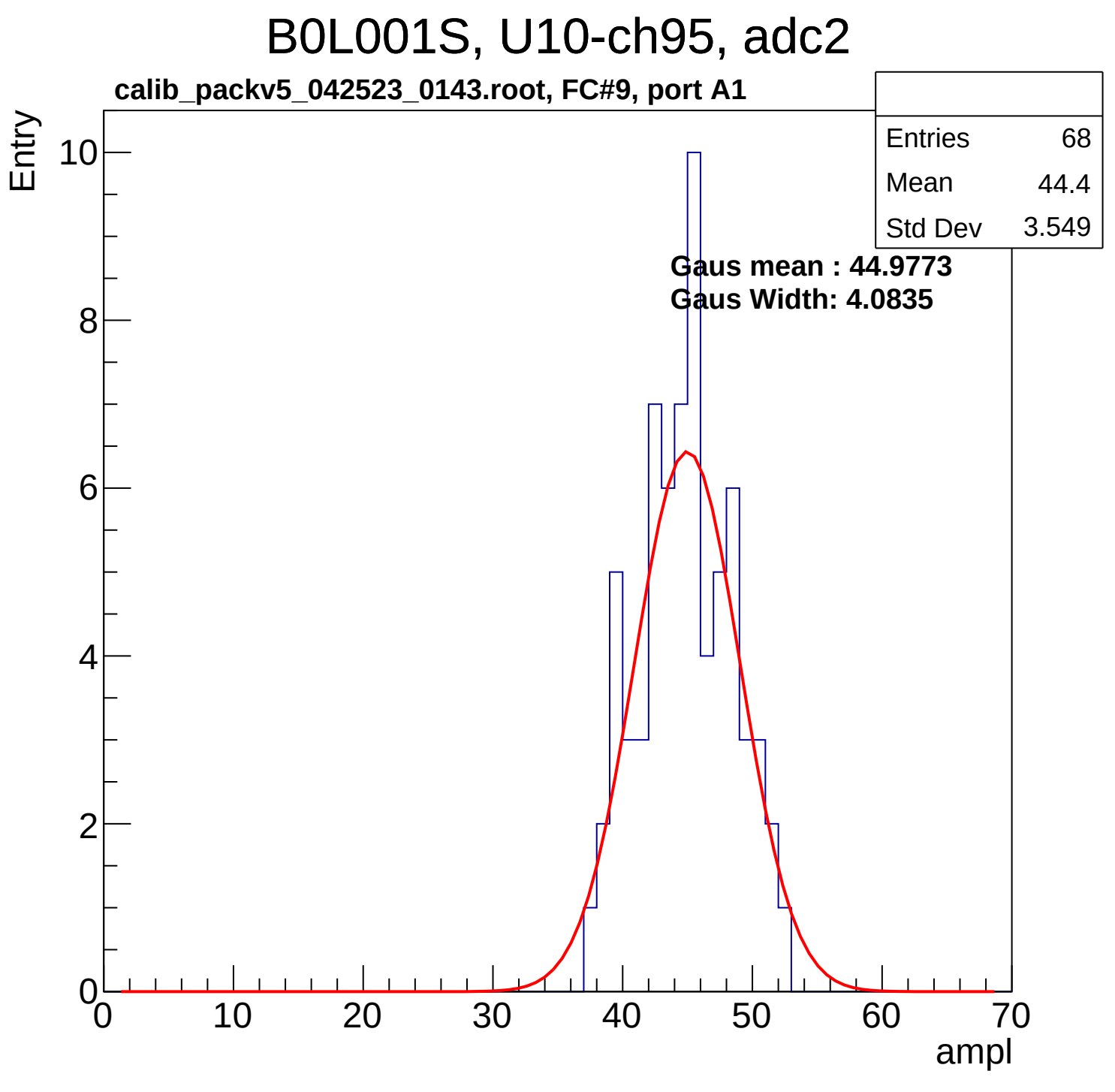

B0L001S, U10-ch94, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 58.93
Std Dev 9.3
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

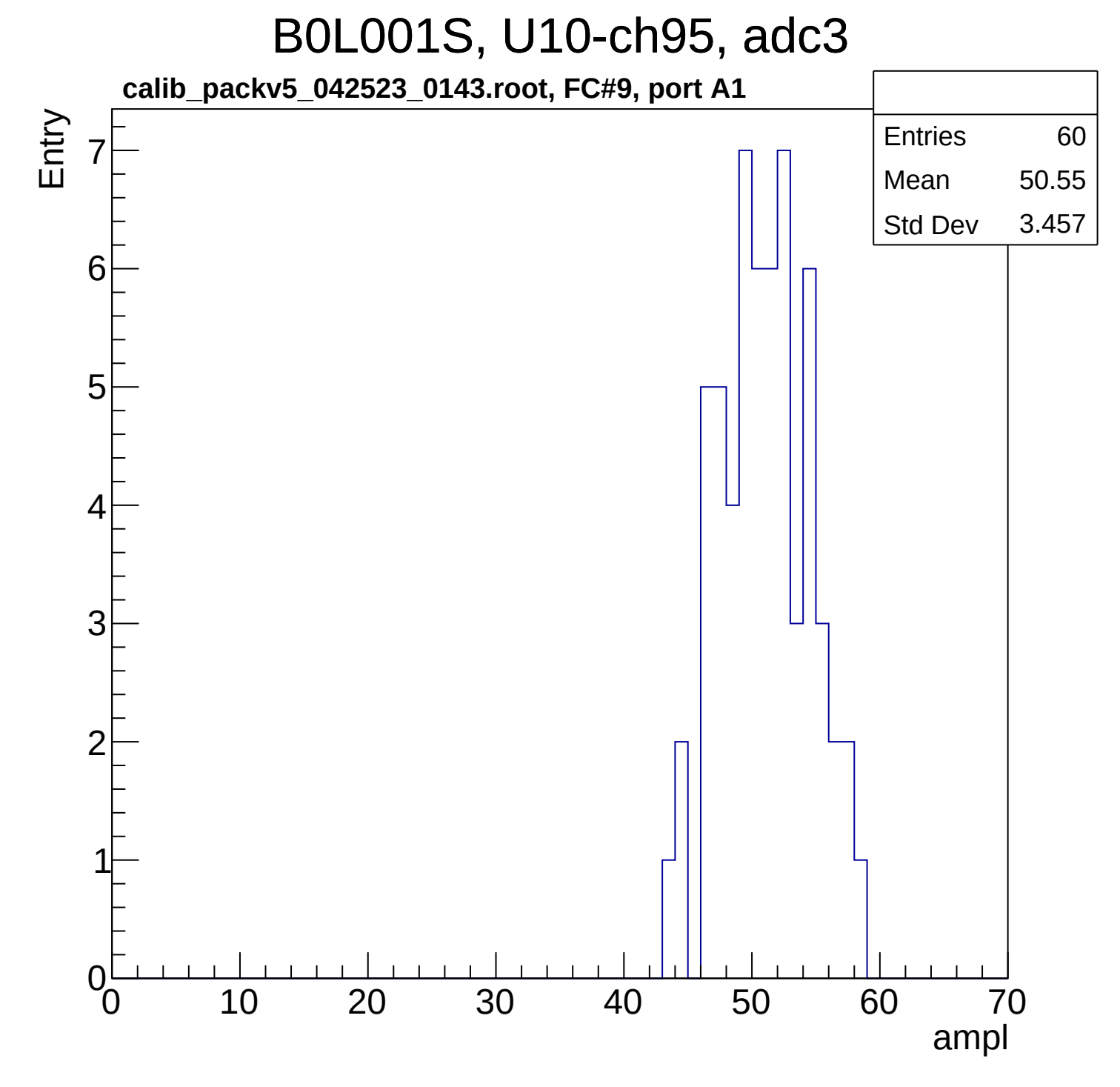

B0L001S, U10-ch94, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 61.67
Std Dev 1.599
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch94, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch95, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 30.73
Std Dev 5.37
Gaus mean : 31.5546
Gaus Width: 3.5755
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch95, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.46
Std Dev 3.334
Gaus mean : 38.0360
Gaus Width: 3.4807
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch95, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 44.4
Std Dev 3.549
Gaus mean : 44.9773
Gaus Width: 4.0835
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch95, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 50.55
Std Dev 3.457
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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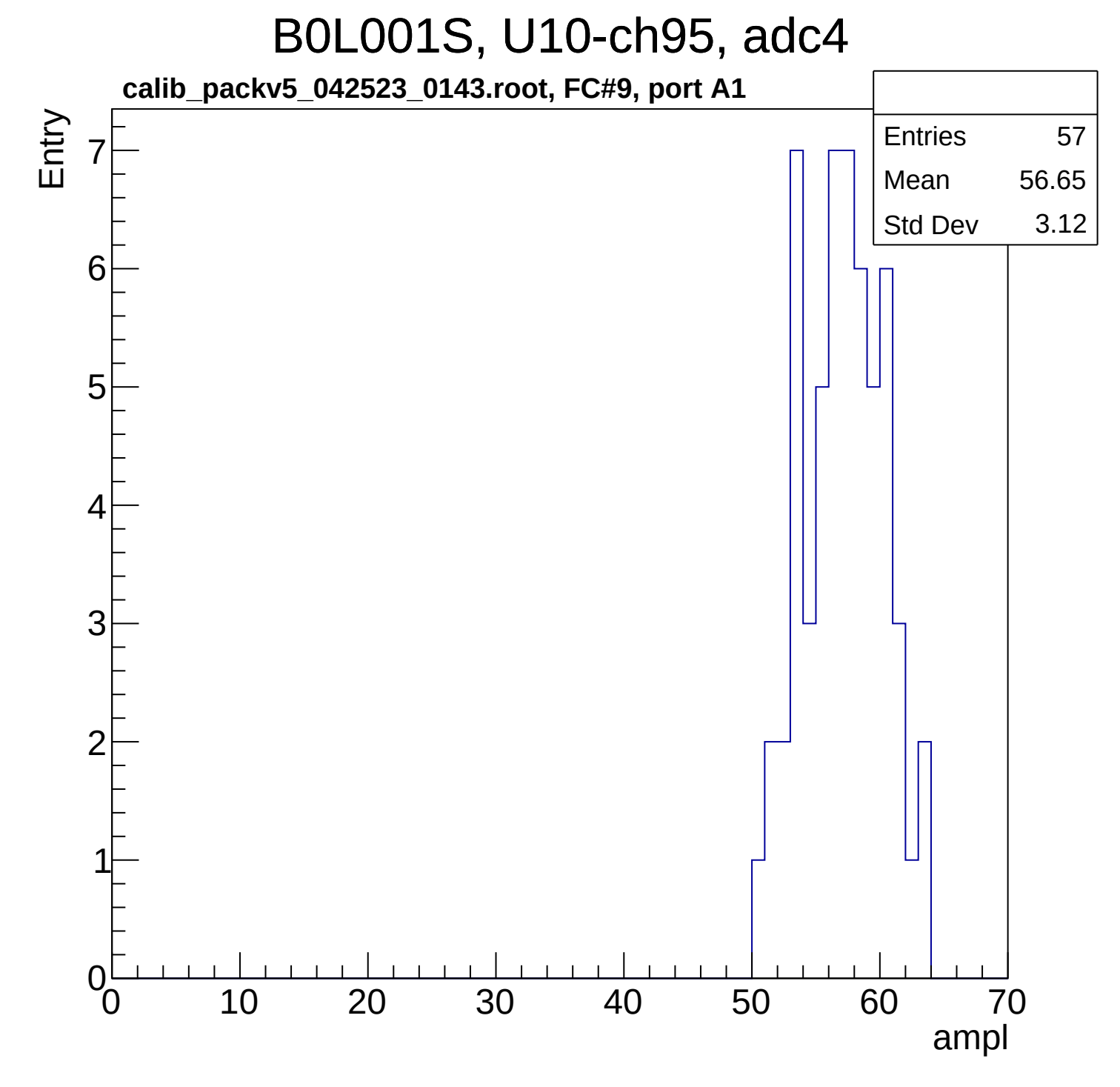
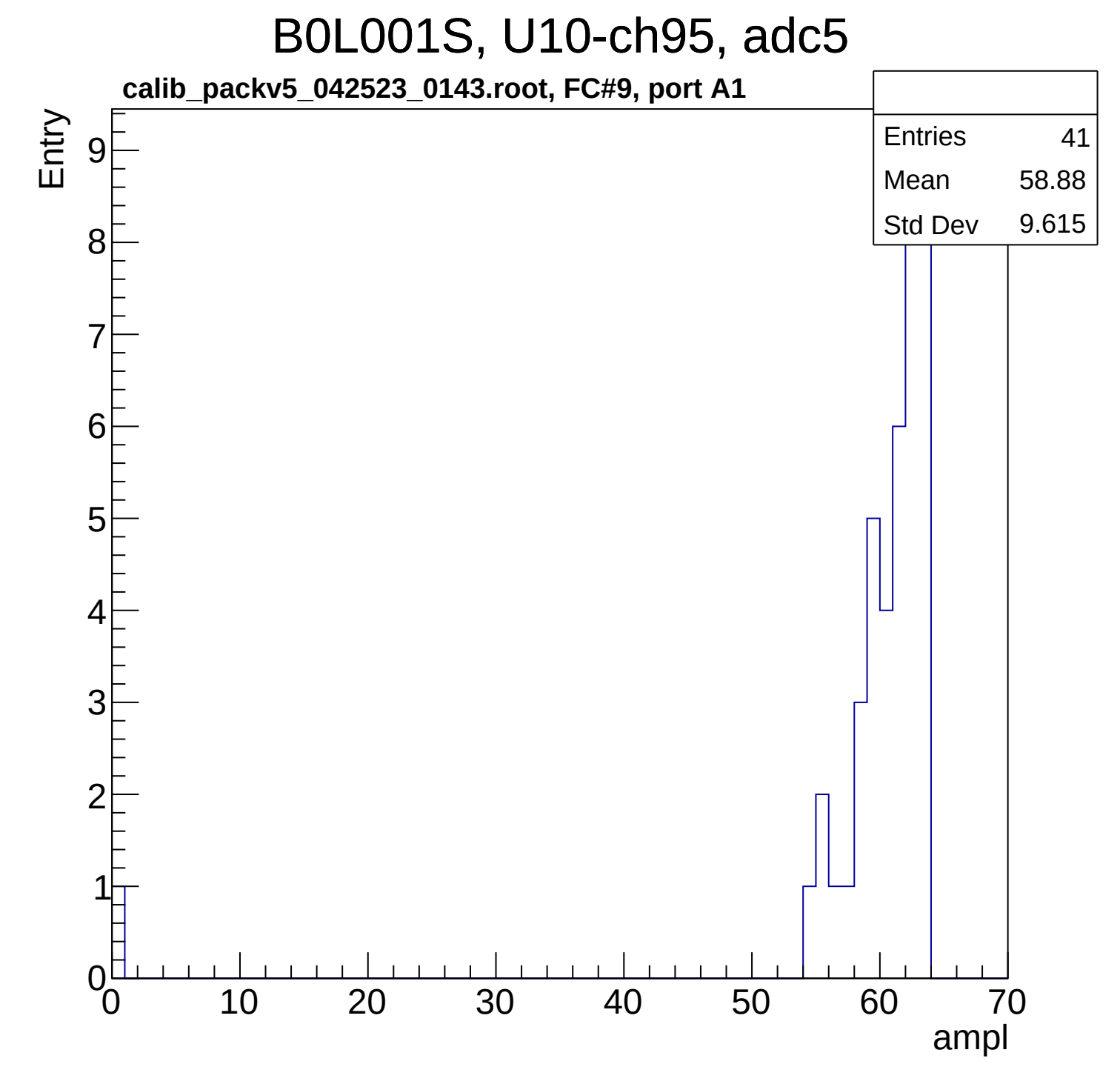
40
50
60
70


B0L001S, U10-ch95, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.65
Std Dev 3.12
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch95, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 58.88
Std Dev 9.615
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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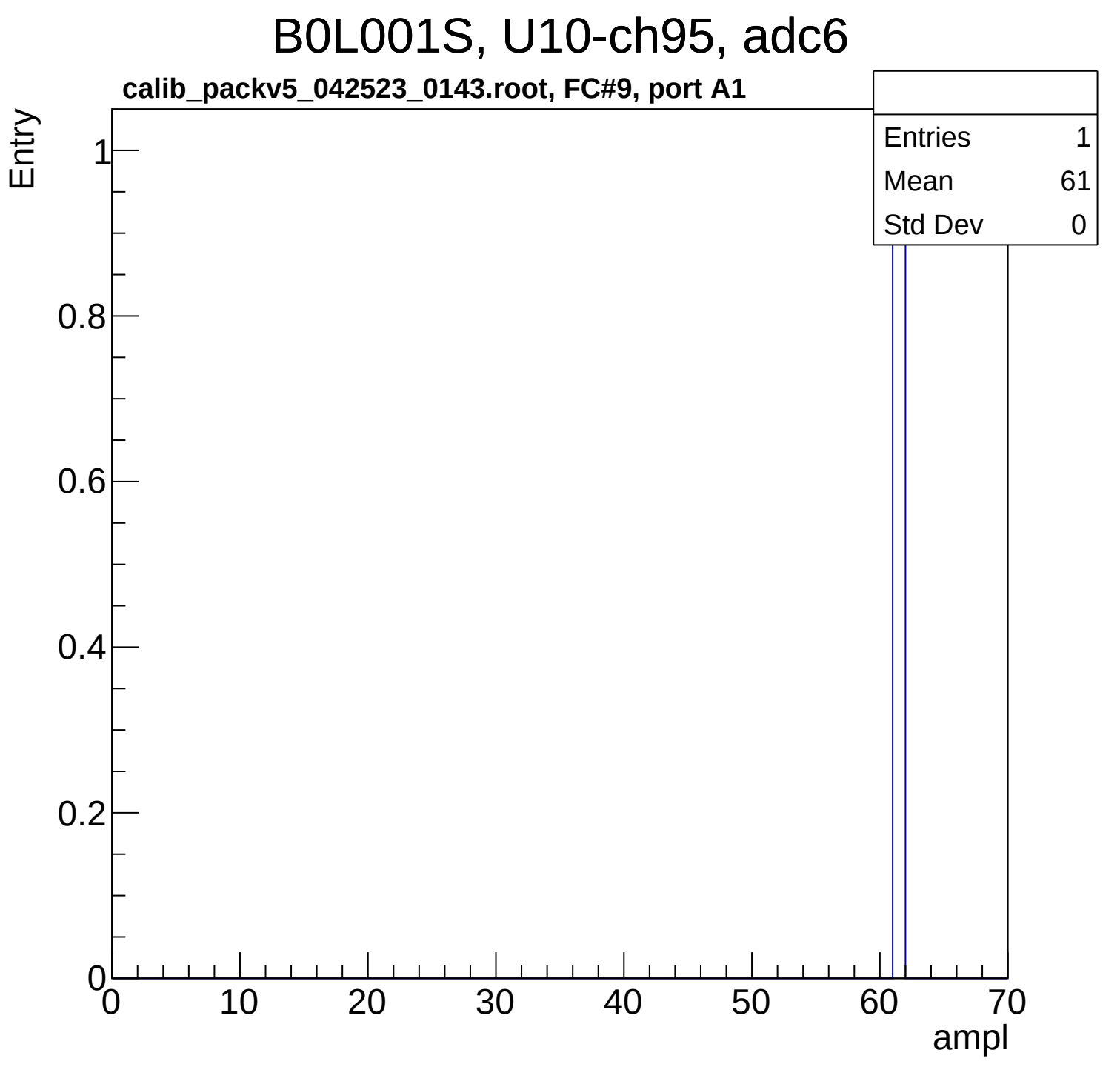
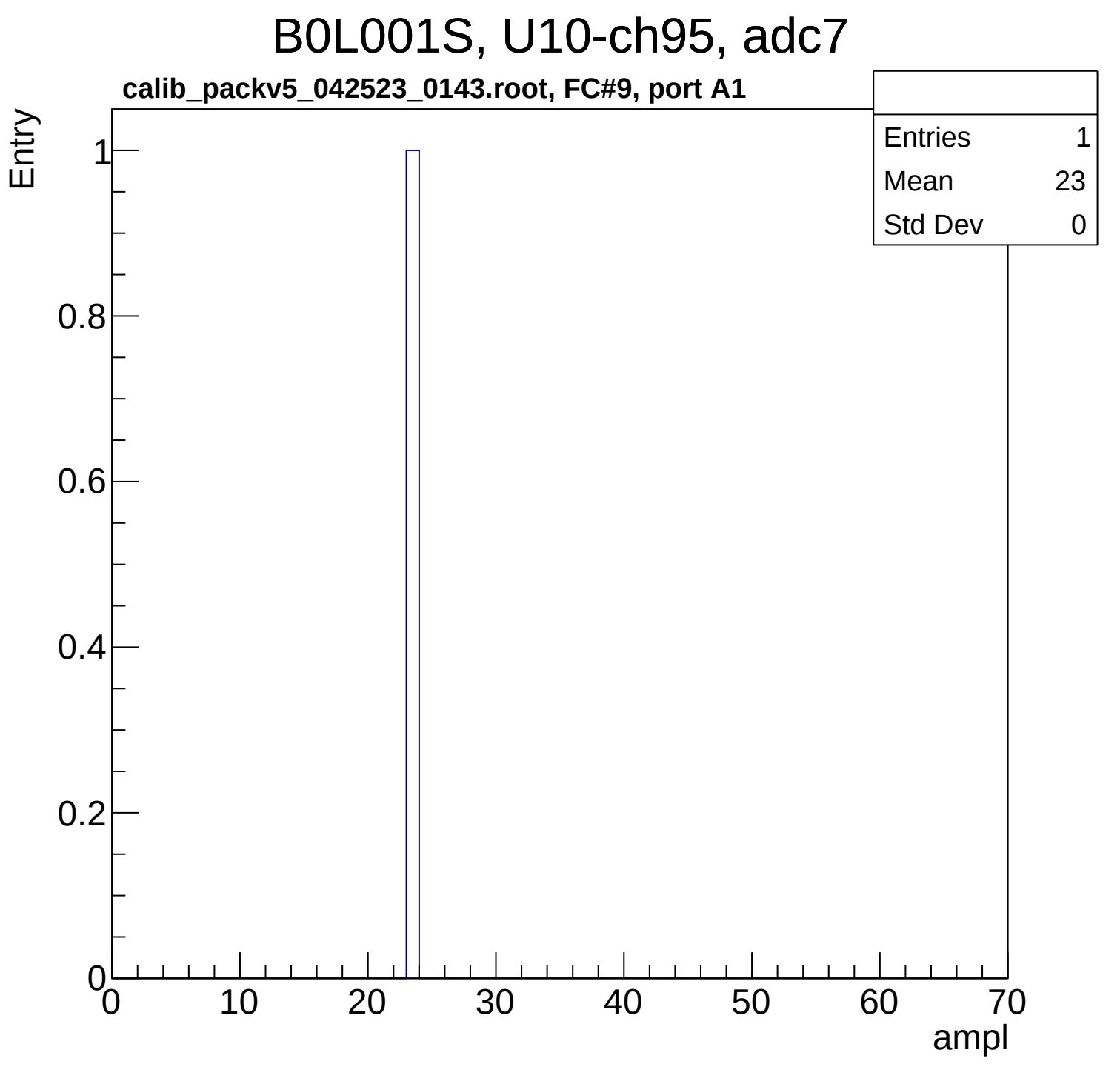

B0L001S, U10-ch95, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch95, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 23
Std Dev 0
Entry
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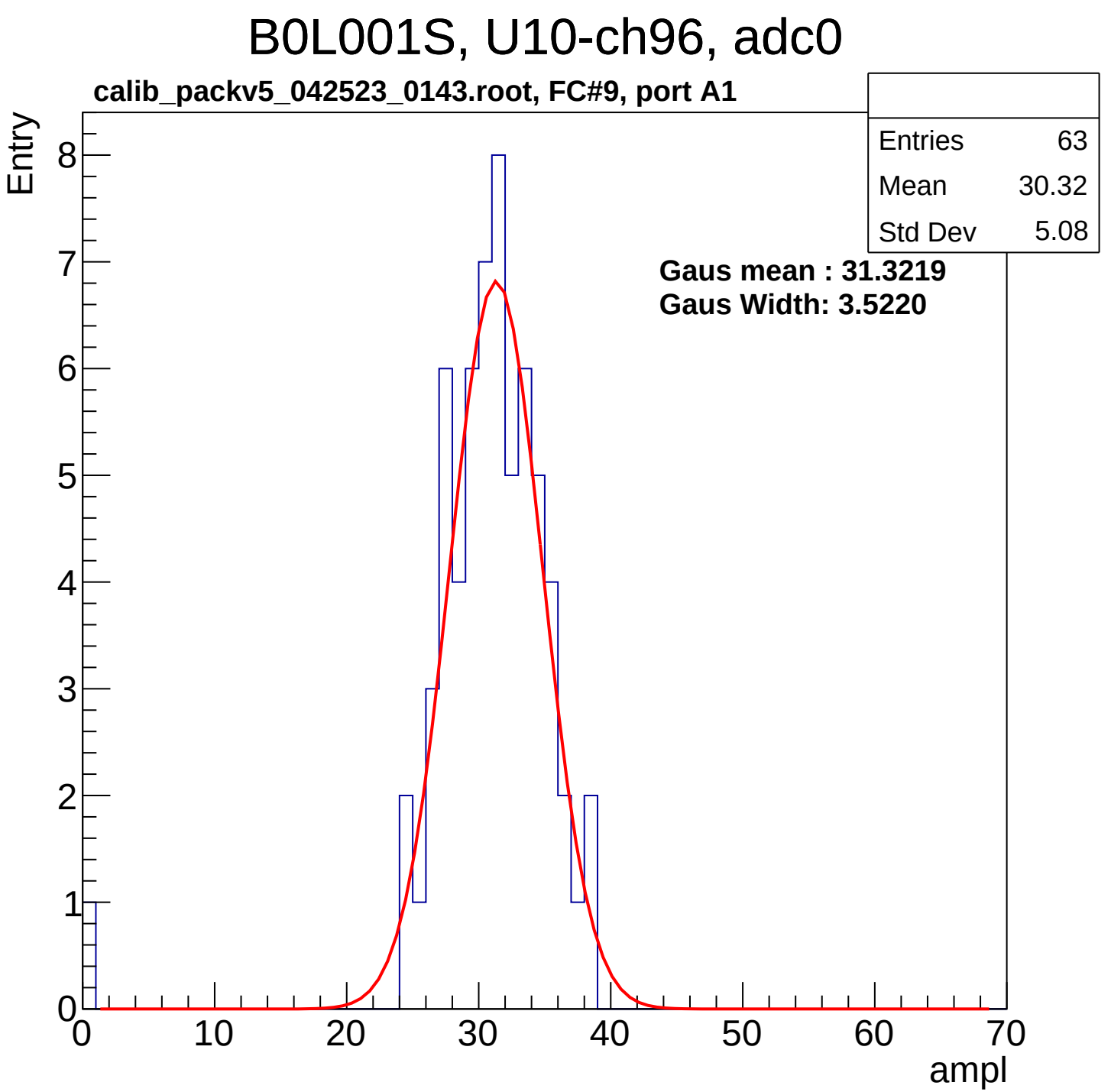
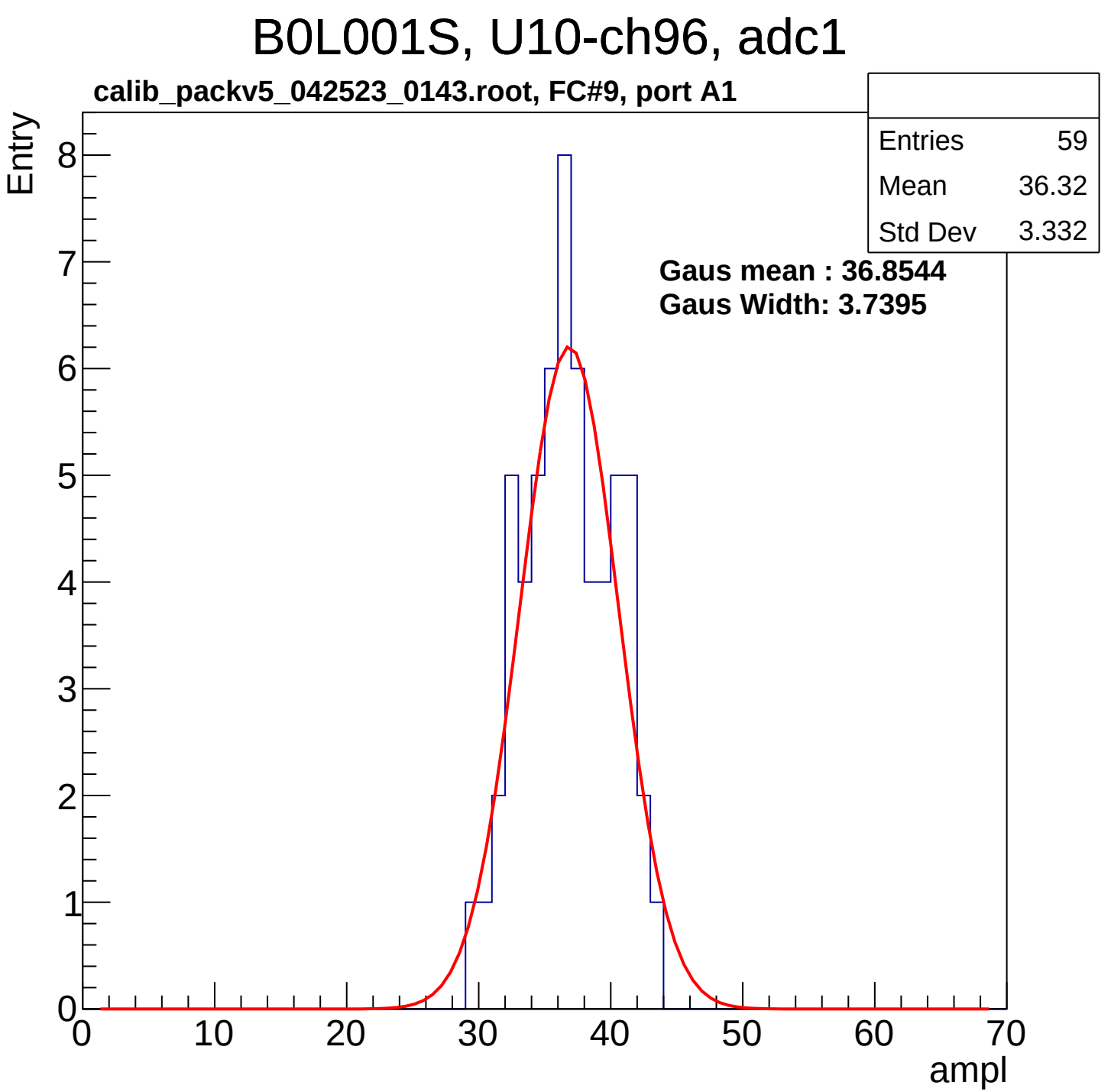
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch96, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 30.32
Std Dev 5.08
Gaus mean : 31.3219
Gaus Width: 3.5220
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch96, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 36.32
Std Dev 3.332
Gaus mean : 36.8544
Gaus Width: 3.7395
Entry
ampl
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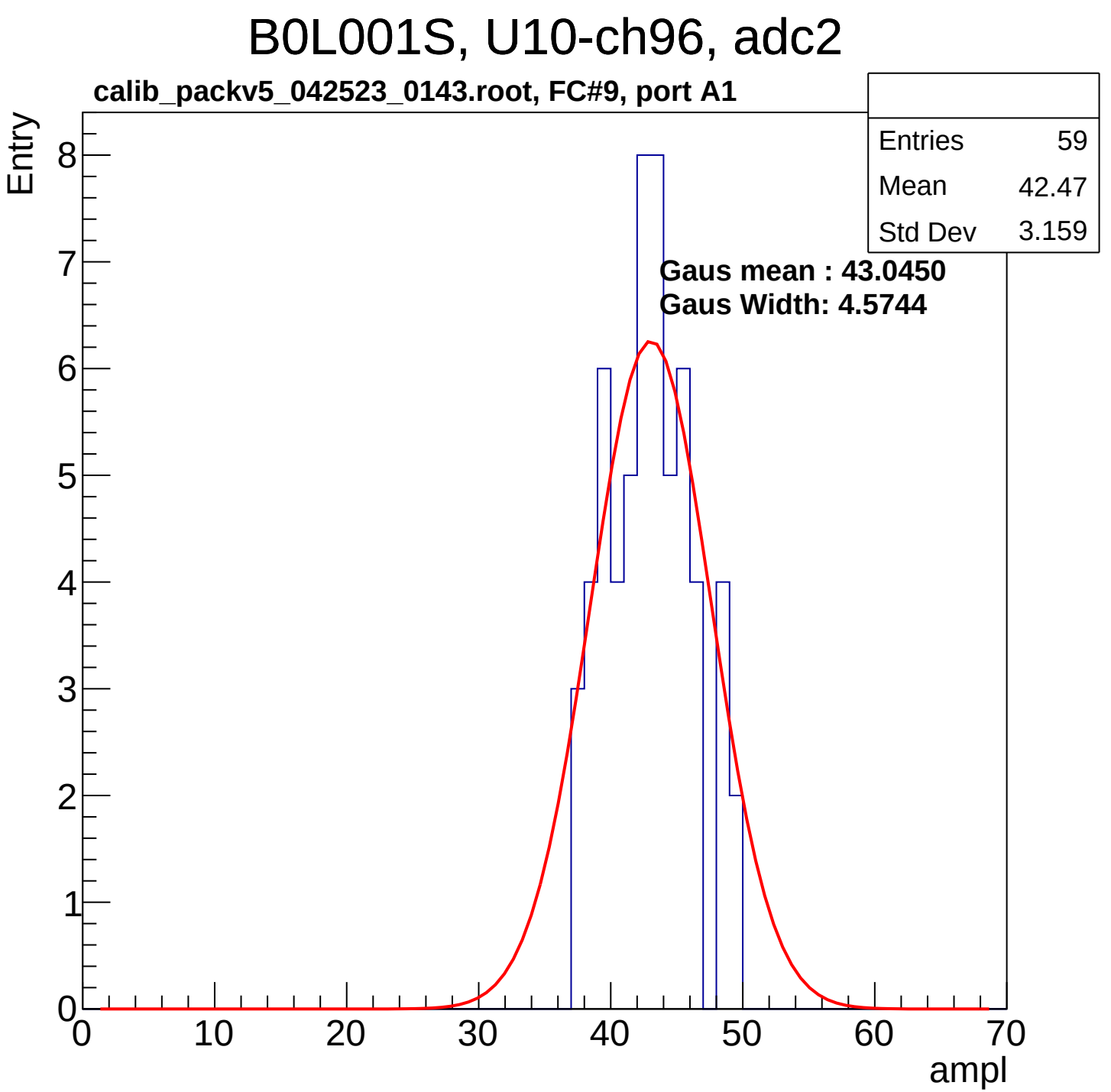
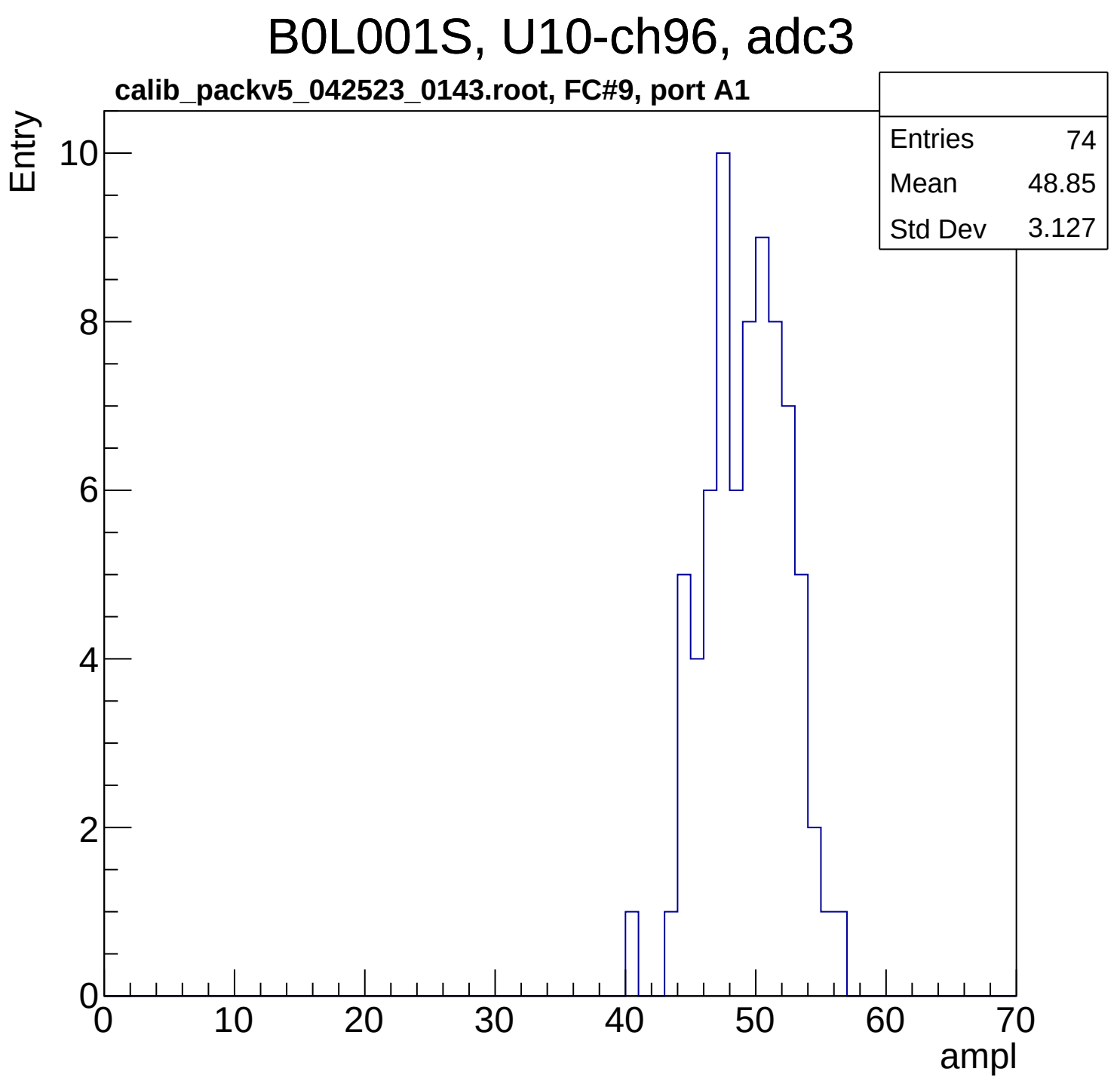
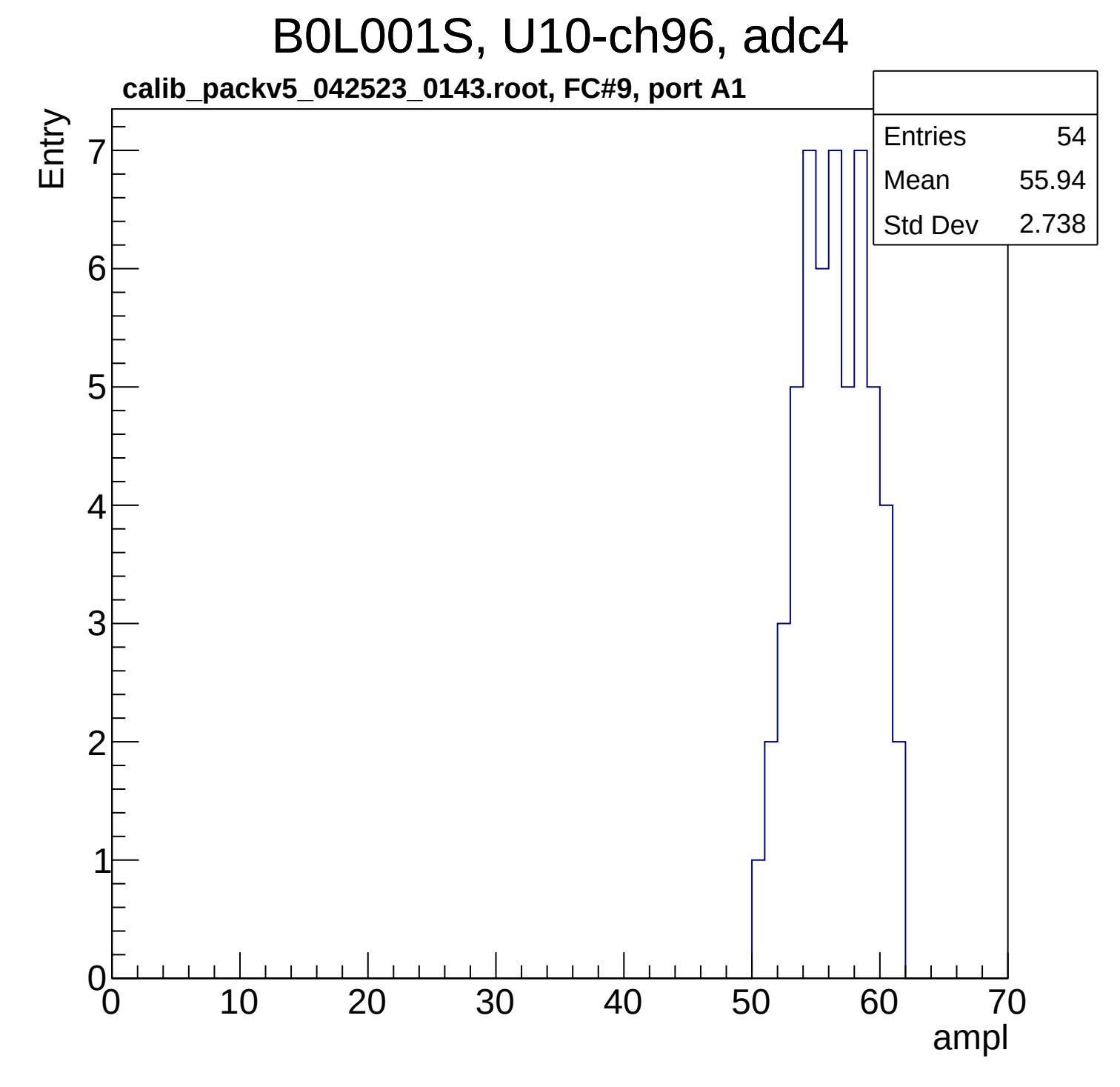
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch96, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 42.47
Std Dev 3.159
Gaus mean : 43.0450
Gaus Width: 4.5744
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch96, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 48.85
Std Dev 3.127
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch96, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 55.94
Std Dev 2.738
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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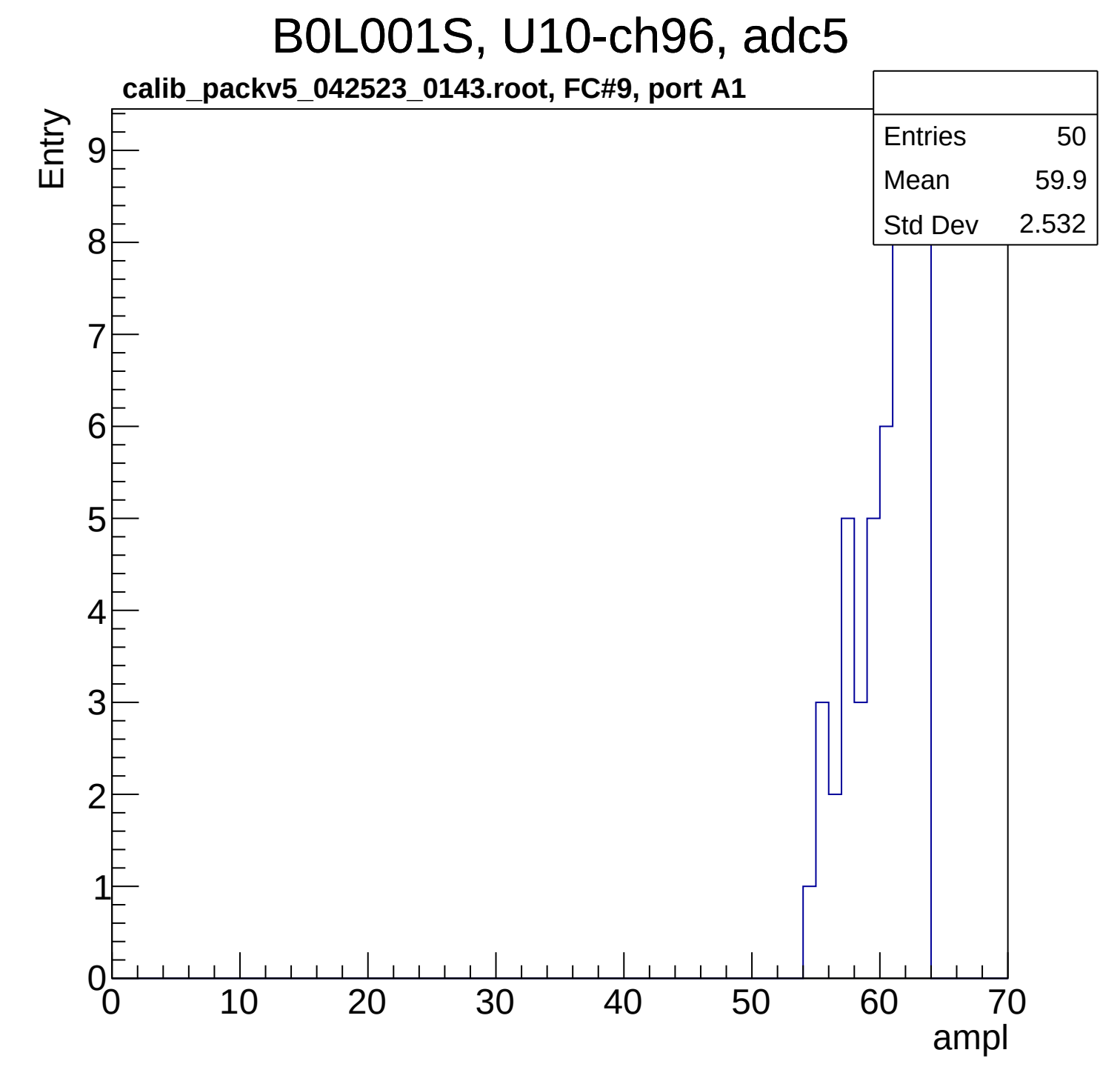
B0L001S, U10-ch96, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 59.9
Std Dev 2.532
Entry
ampl
0
1
2
3
4
5
6
7
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0
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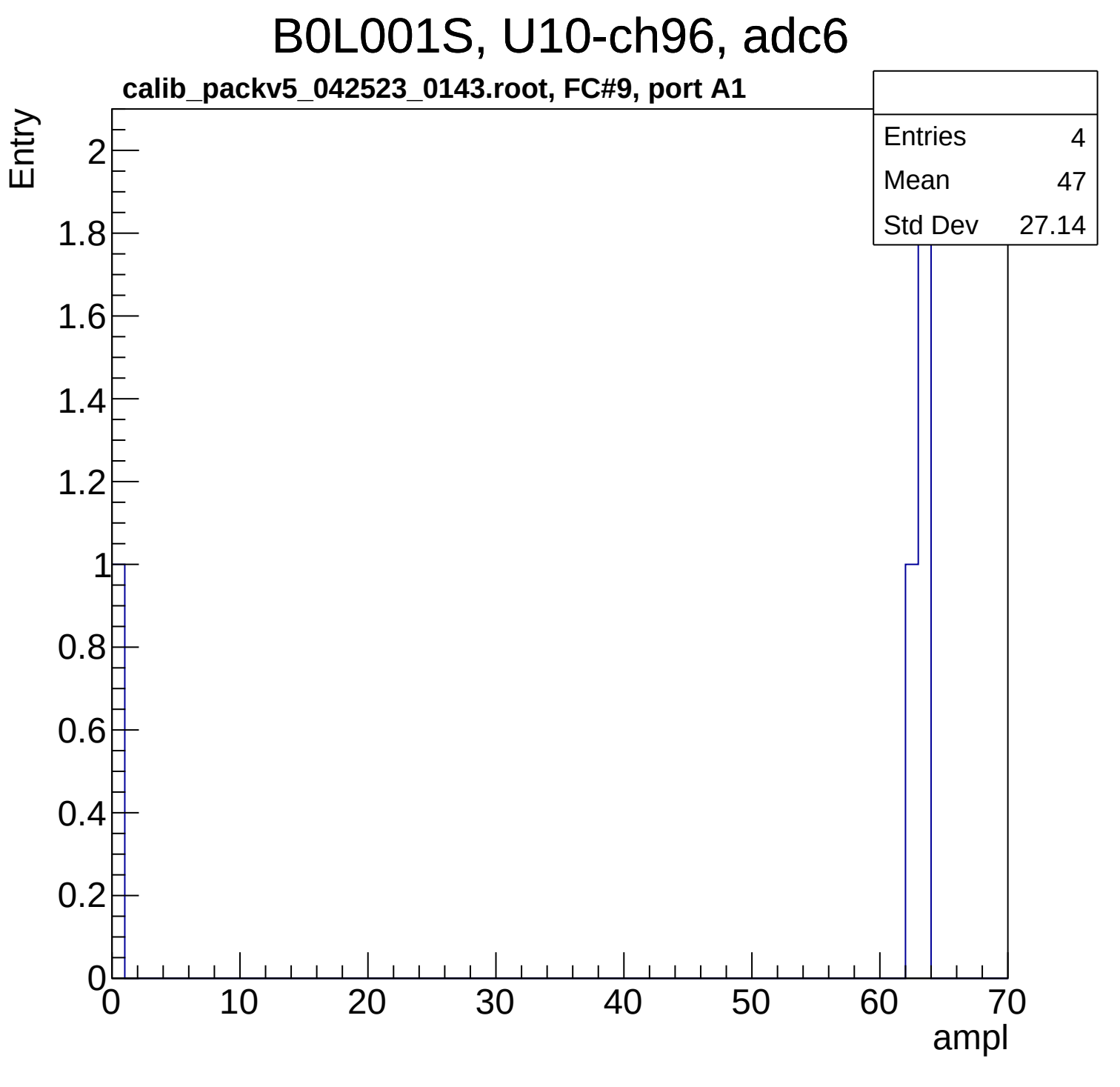
B0L001S, U10-ch96, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 47
Std Dev 27.14
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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40
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60
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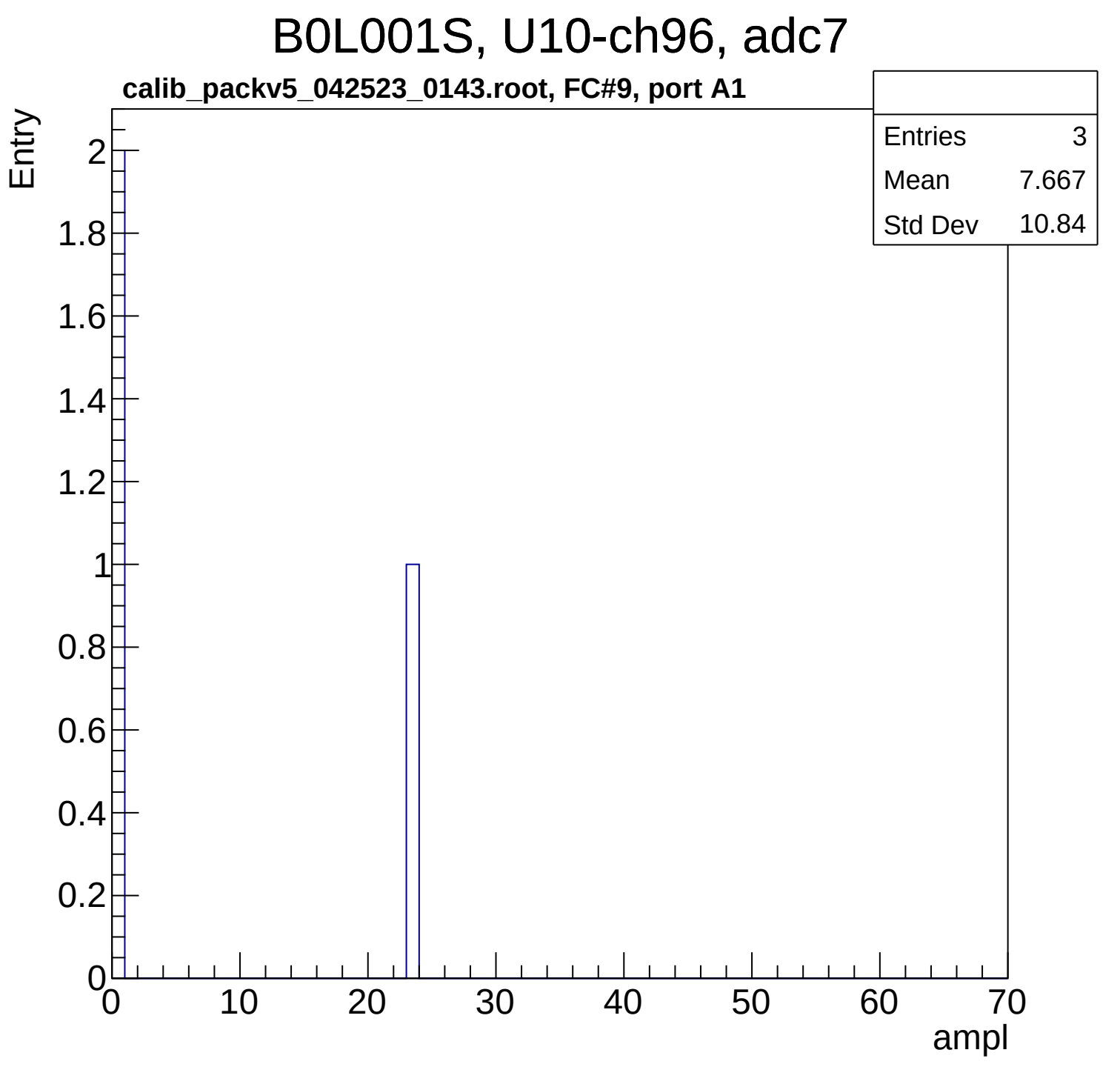
B0L001S, U10-ch96, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.667
Std Dev 10.84
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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60
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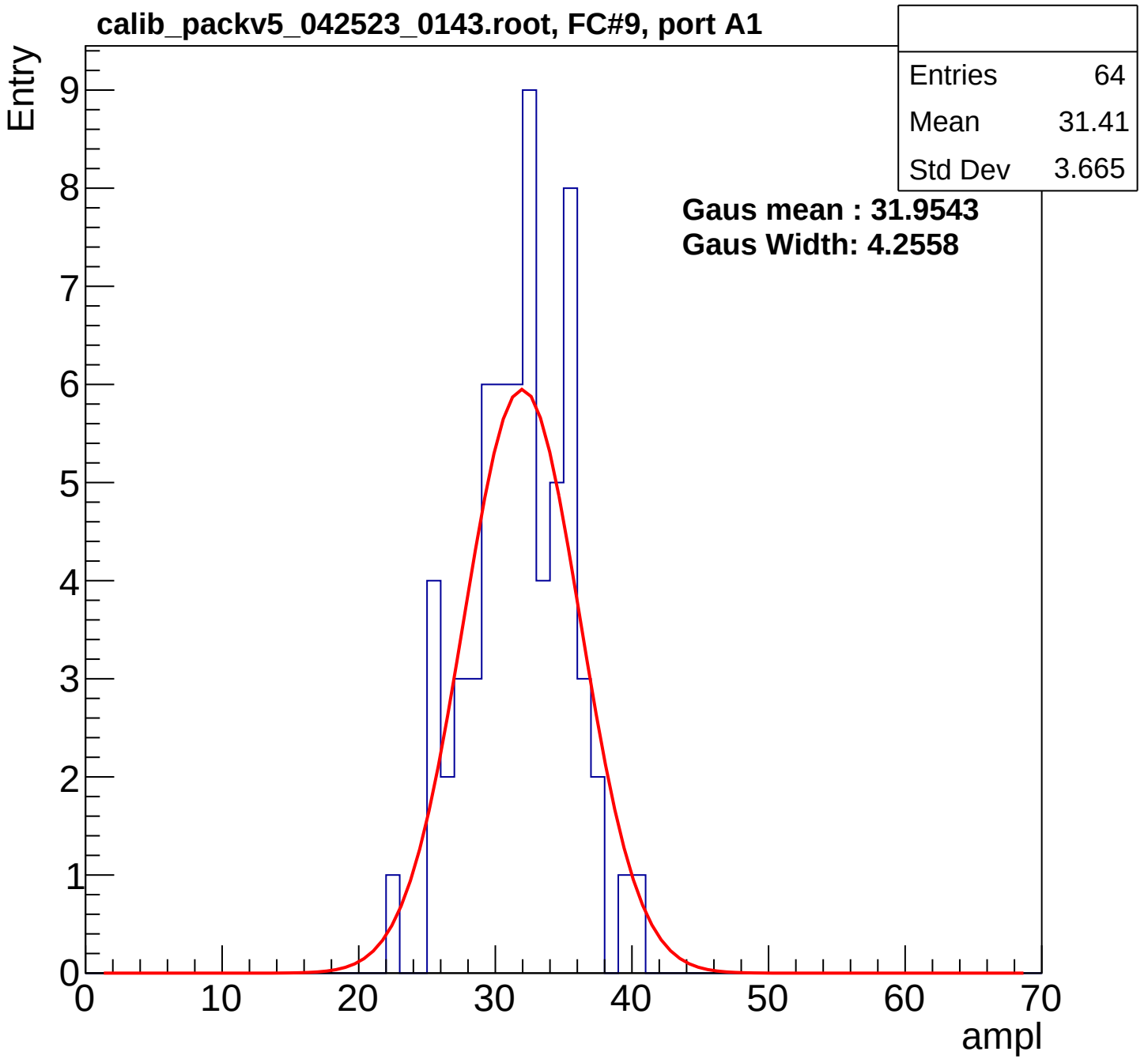
B0L001S, U10-ch97, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 31.41
Std Dev 3.665
Gaus mean : 31.9543
Gaus Width: 4.2558
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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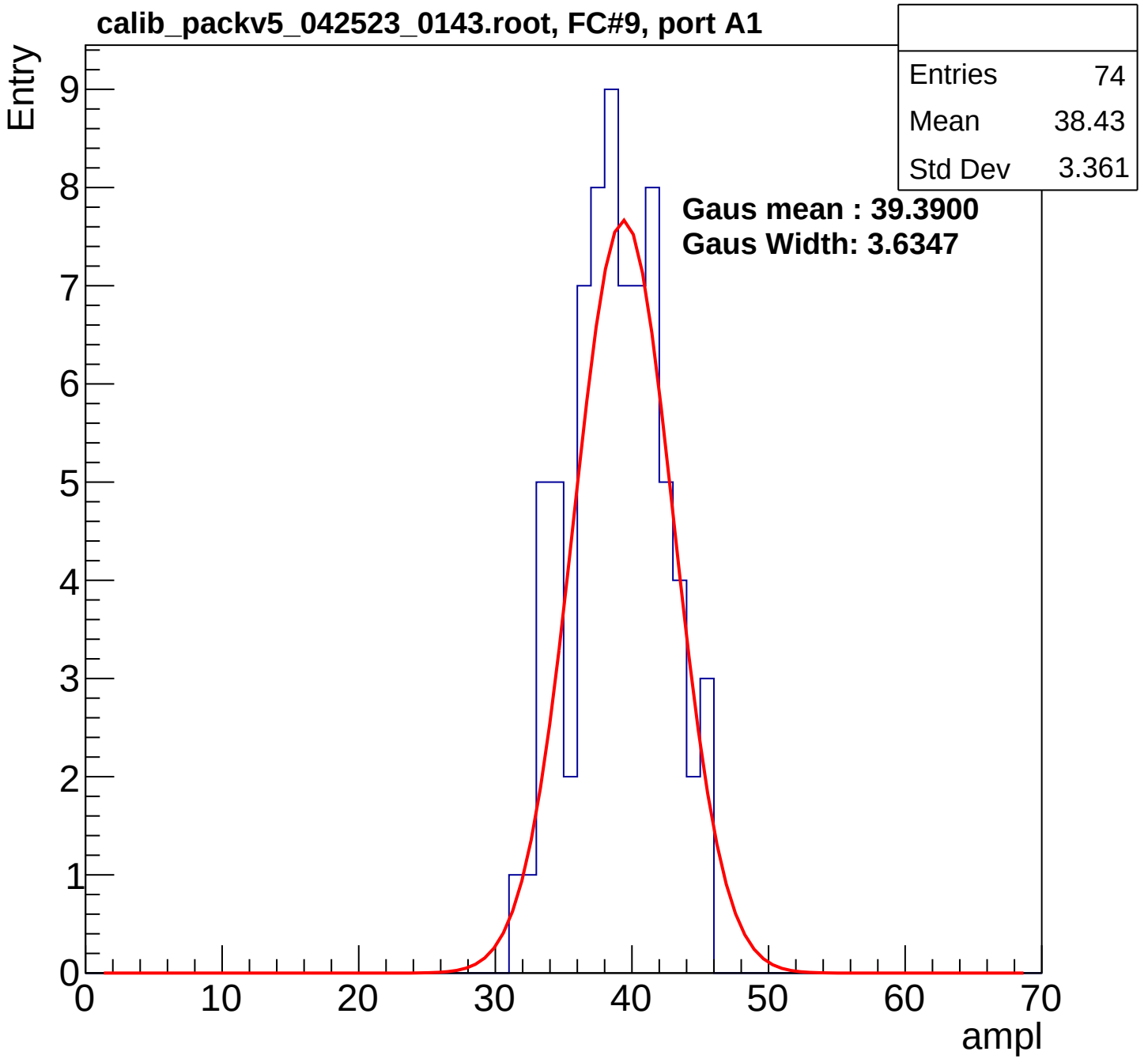
B0L001S, U10-ch97, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 38.43
Std Dev 3.361
Gaus mean : 39.3900
Gaus Width: 3.6347
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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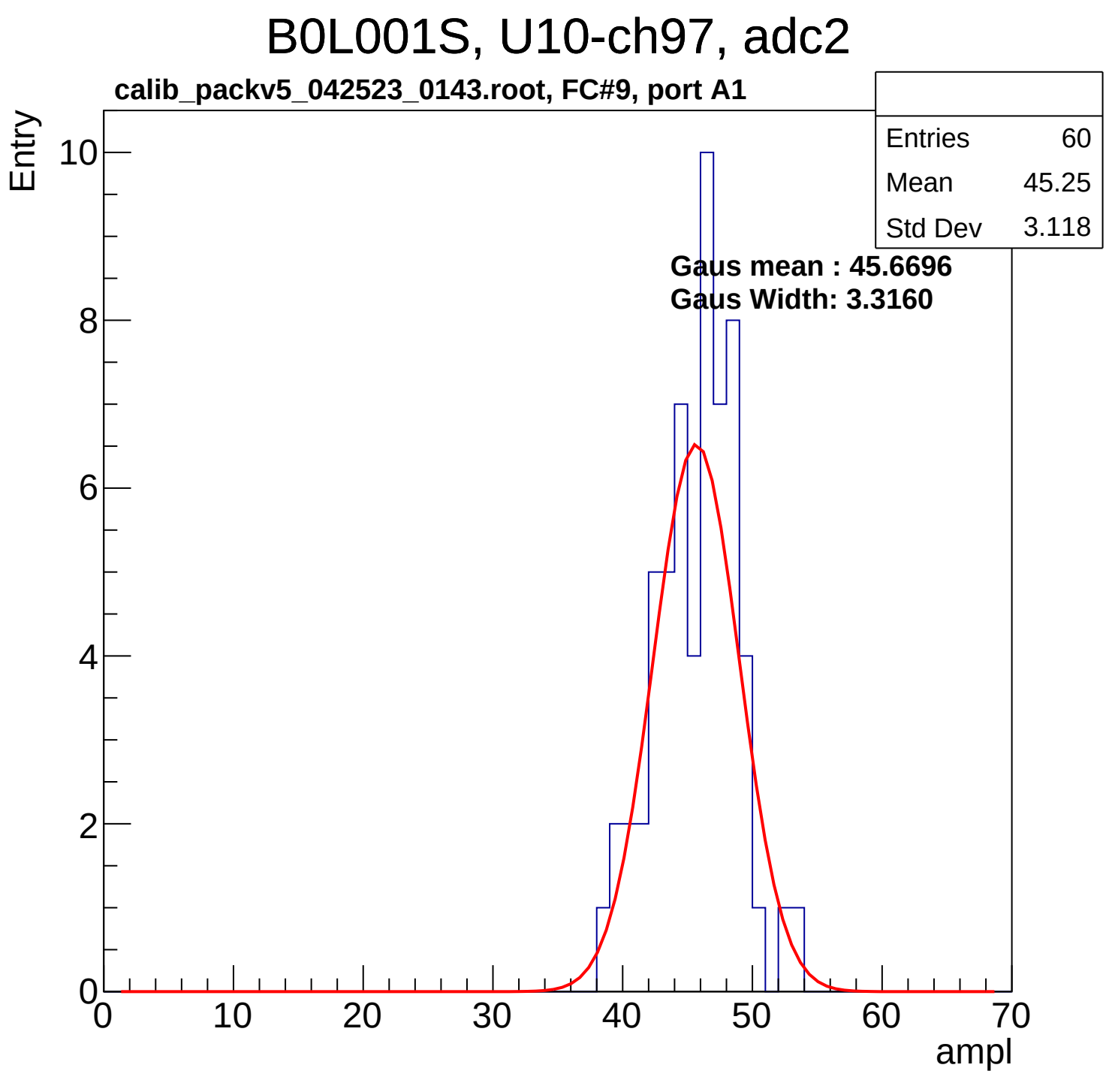
B0L001S, U10-ch97, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 45.25
Std Dev 3.118
Gaus mean : 45.6696
Gaus Width: 3.3160
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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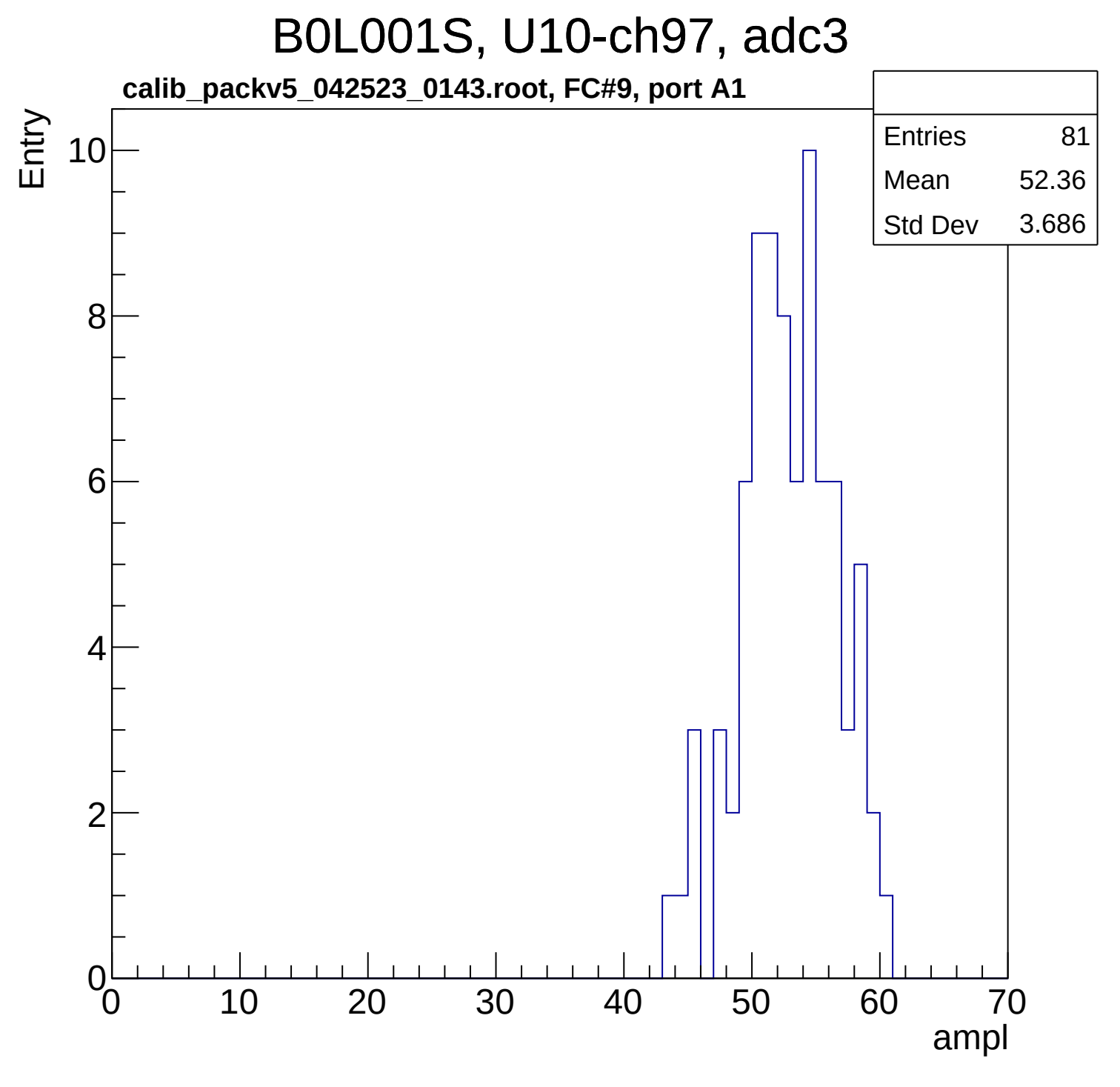
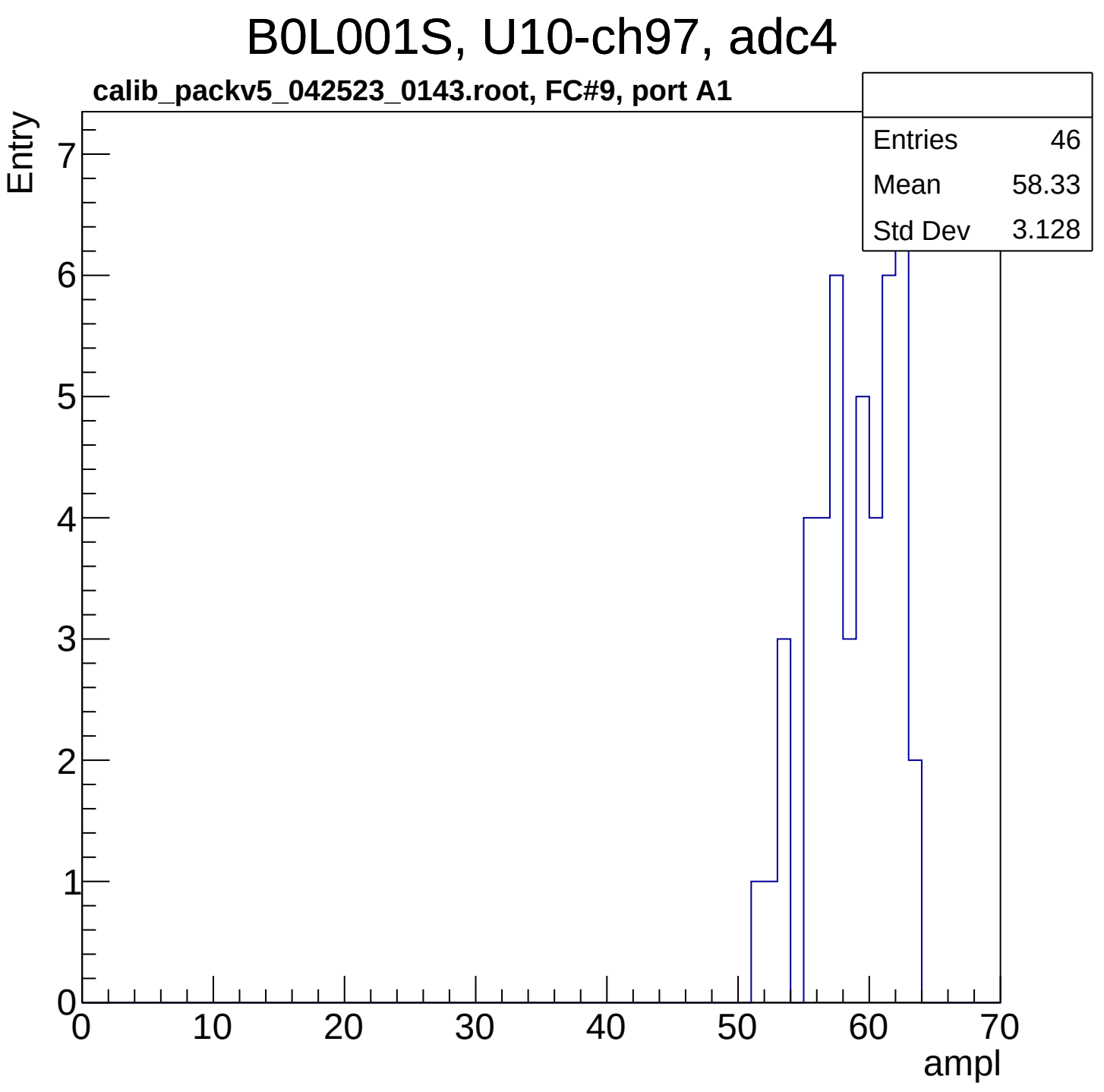
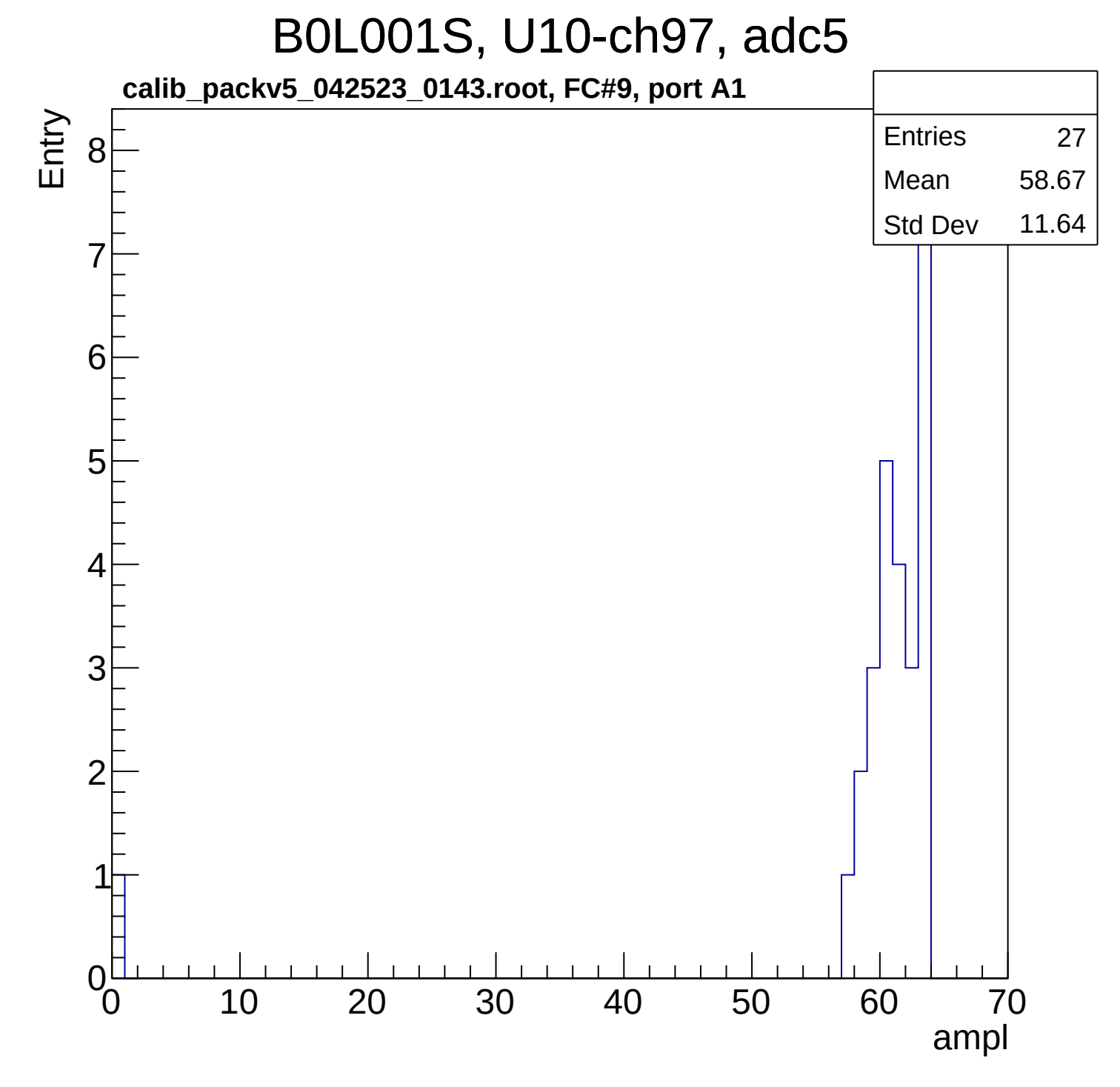
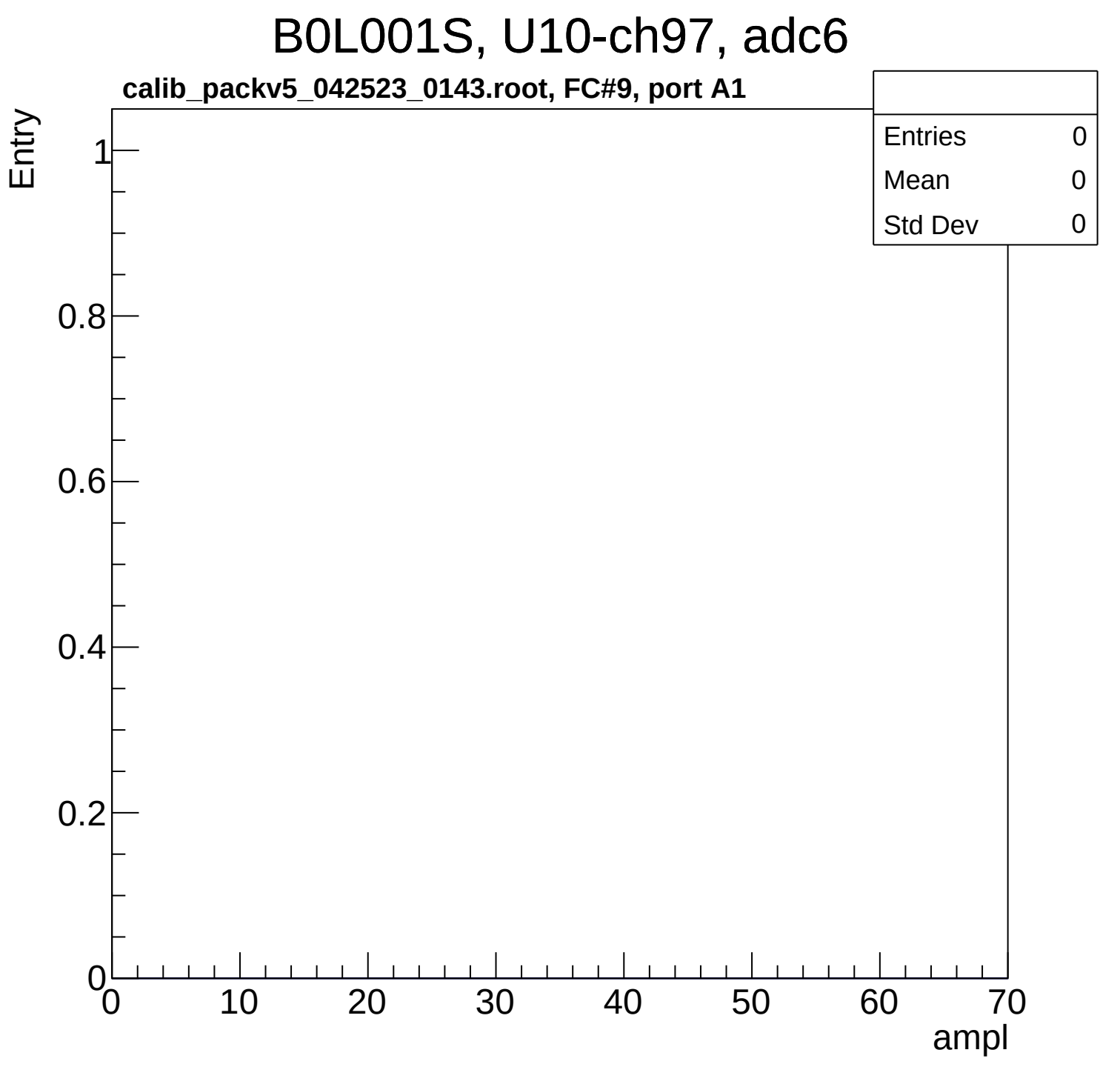
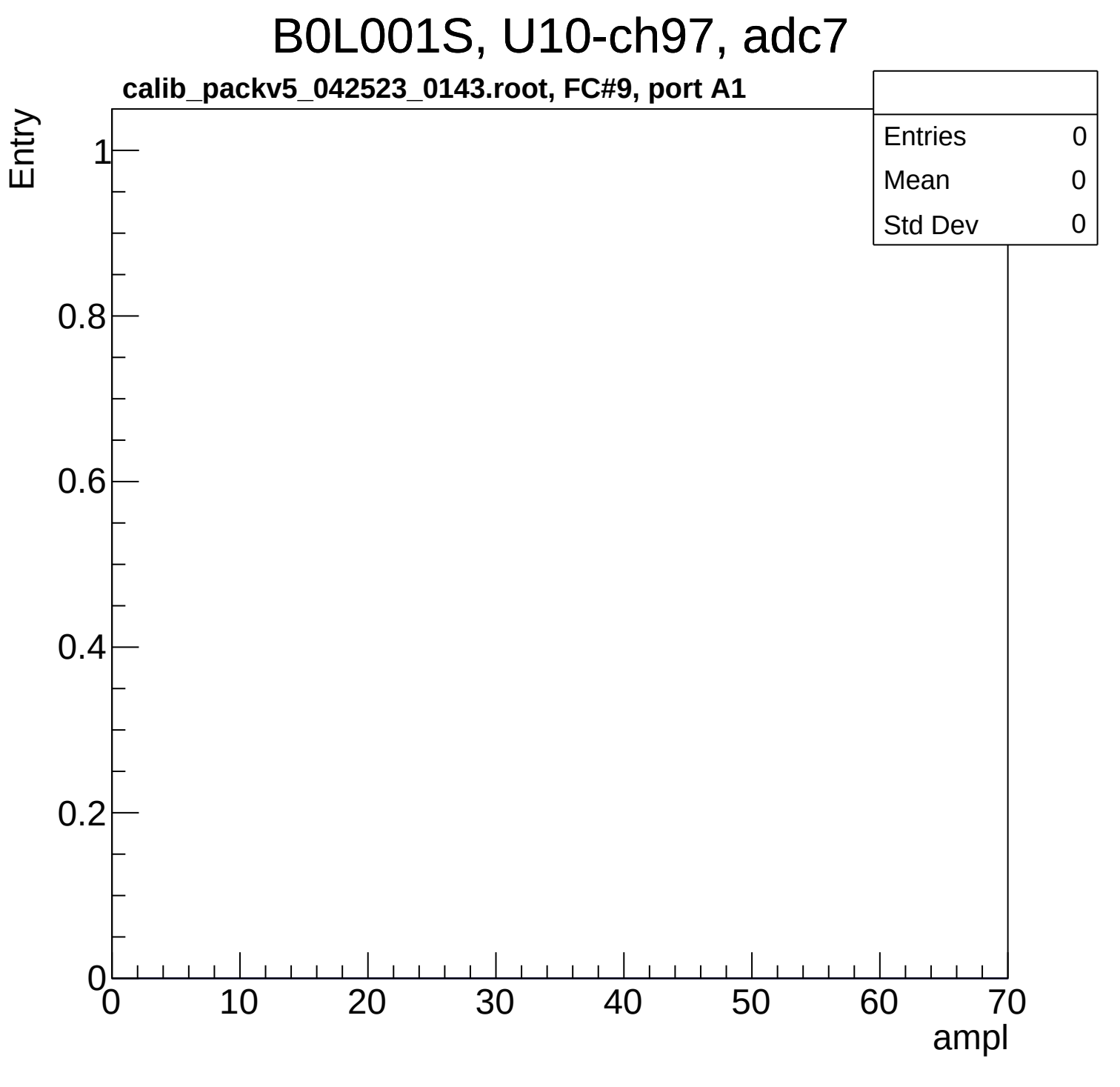

B0L001S, U10-ch97, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 52.36
Std Dev 3.686
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch97, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 58.33
Std Dev 3.128
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch97, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.67
Std Dev 11.64
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch97, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch97, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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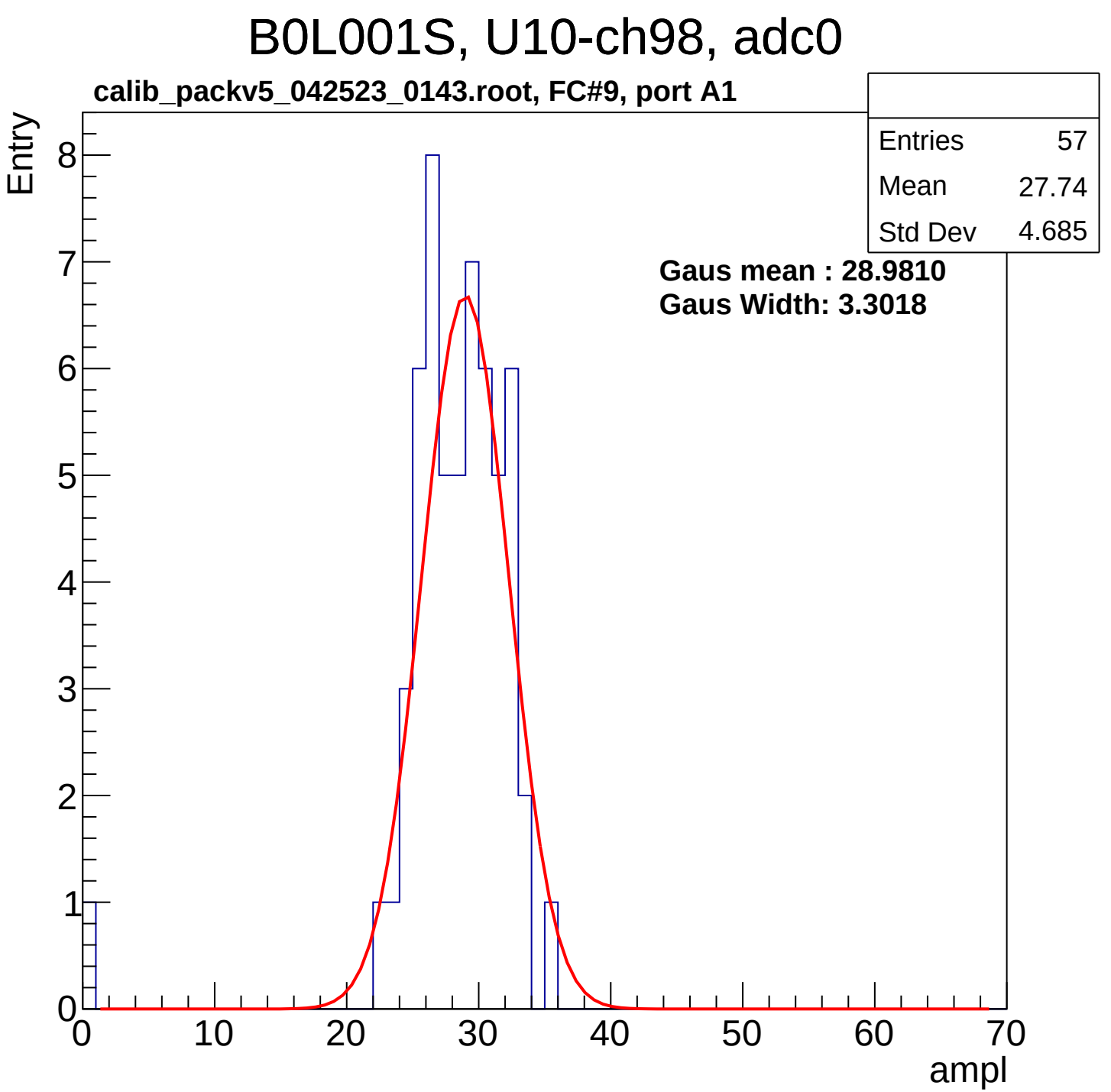
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch98, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 27.74
Std Dev 4.685
Gaus mean : 28.9810
Gaus Width: 3.3018
Entry
ampl
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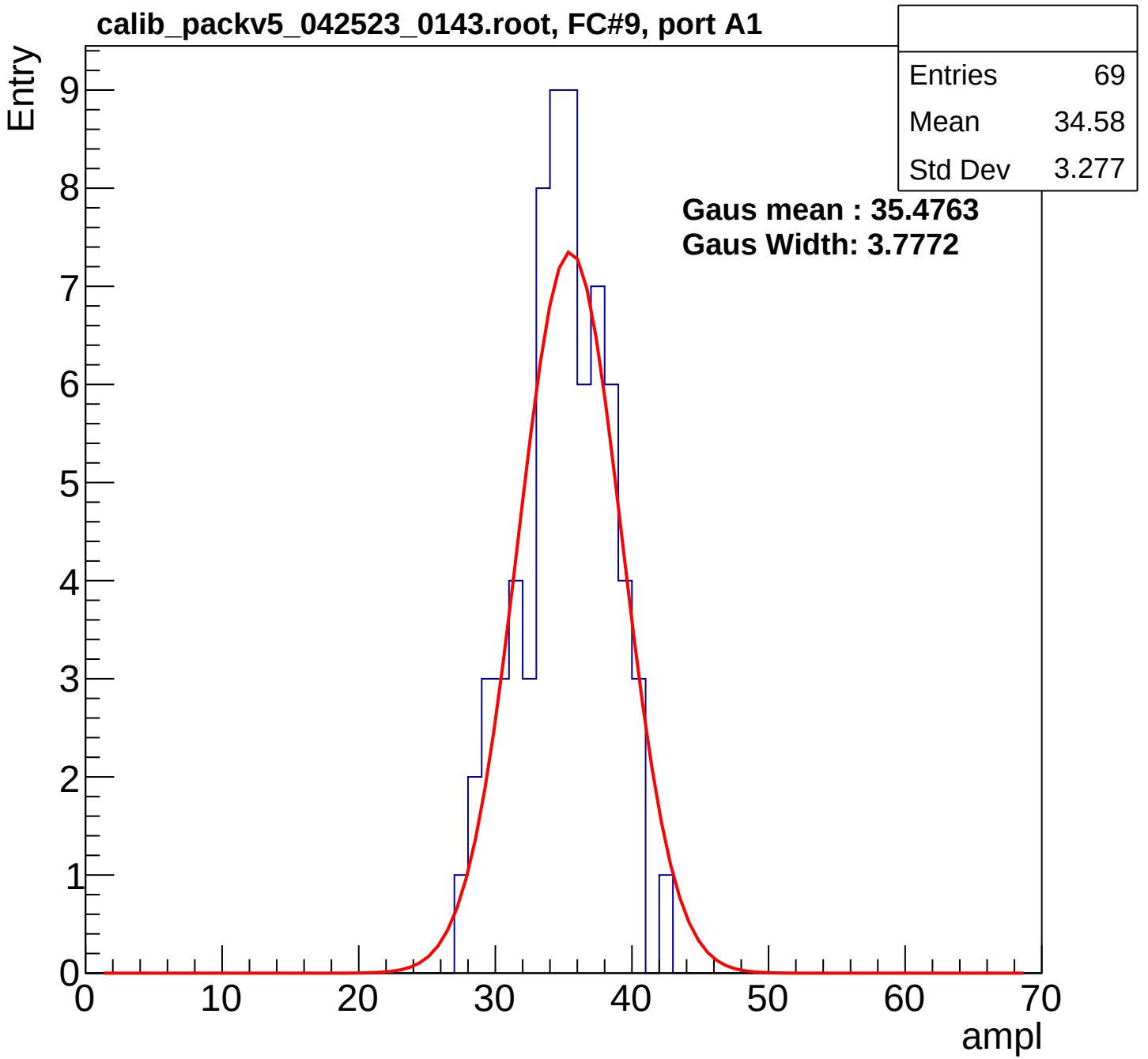
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch98, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 34.58
Std Dev 3.277
Gaus mean : 35.4763
Gaus Width: 3.7772
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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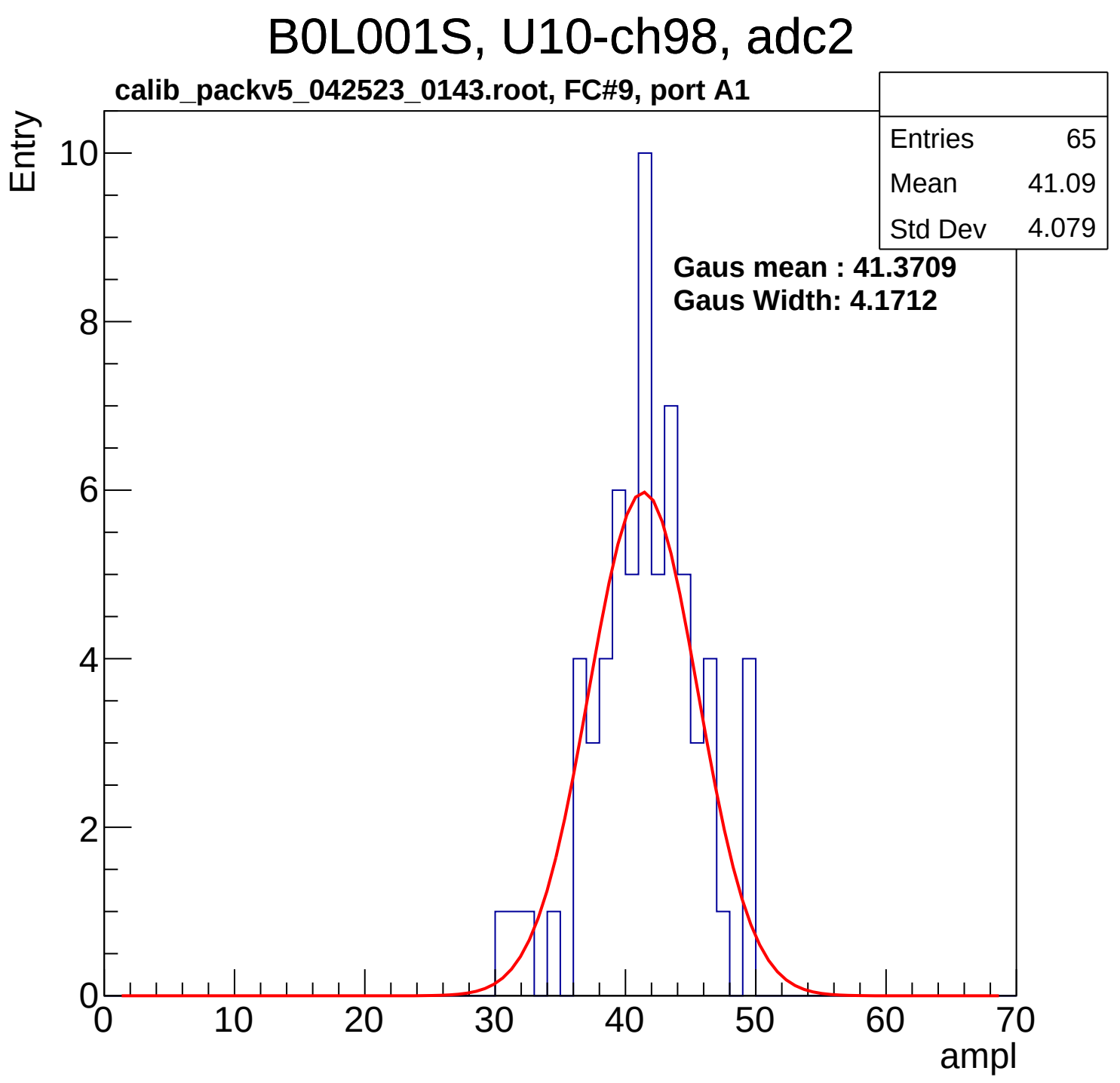
B0L001S, U10-ch98, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 41.09
Std Dev 4.079
Gaus mean : 41.3709
Gaus Width: 4.1712
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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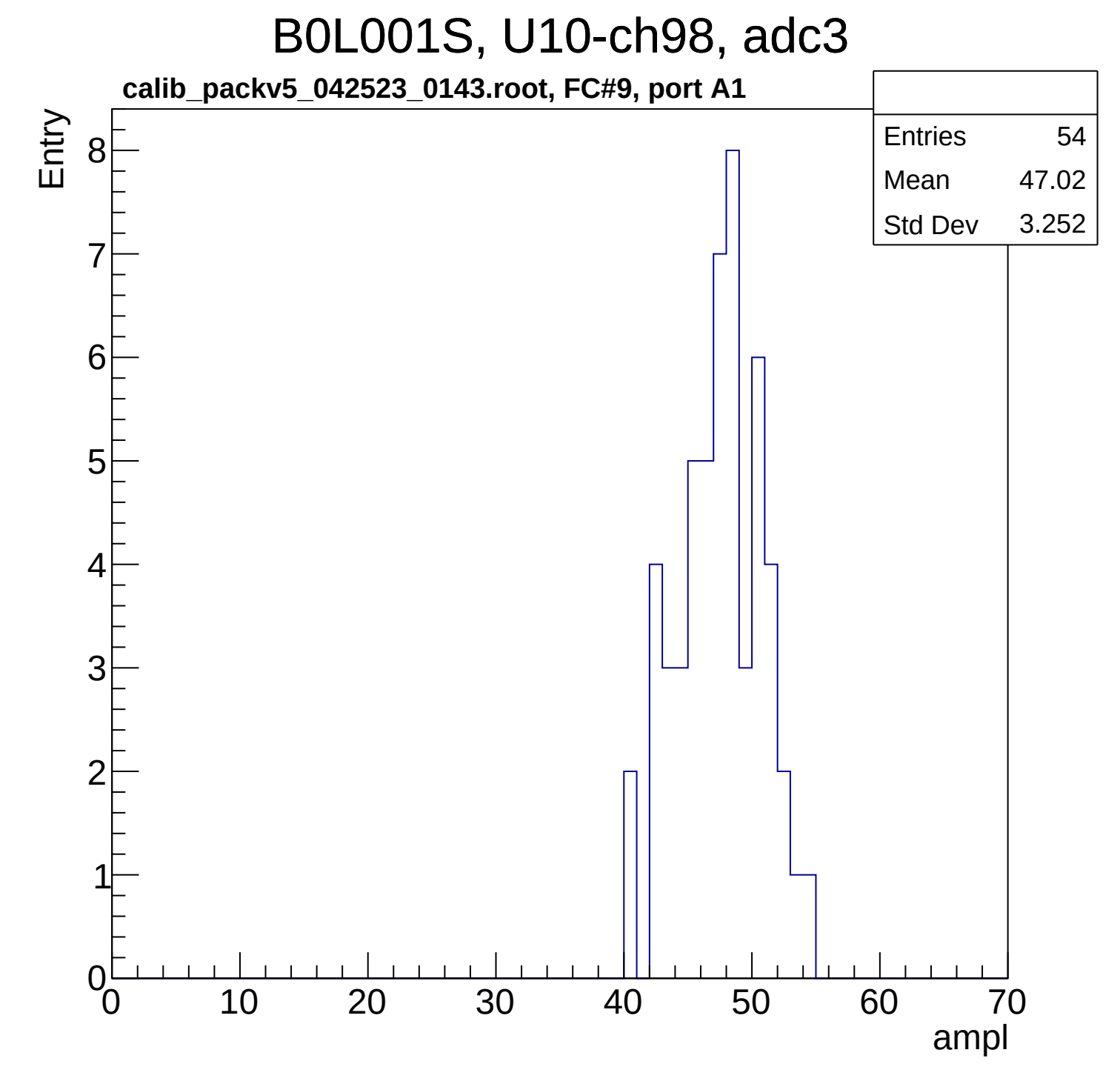
B0L001S, U10-ch98, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 47.02
Std Dev 3.252
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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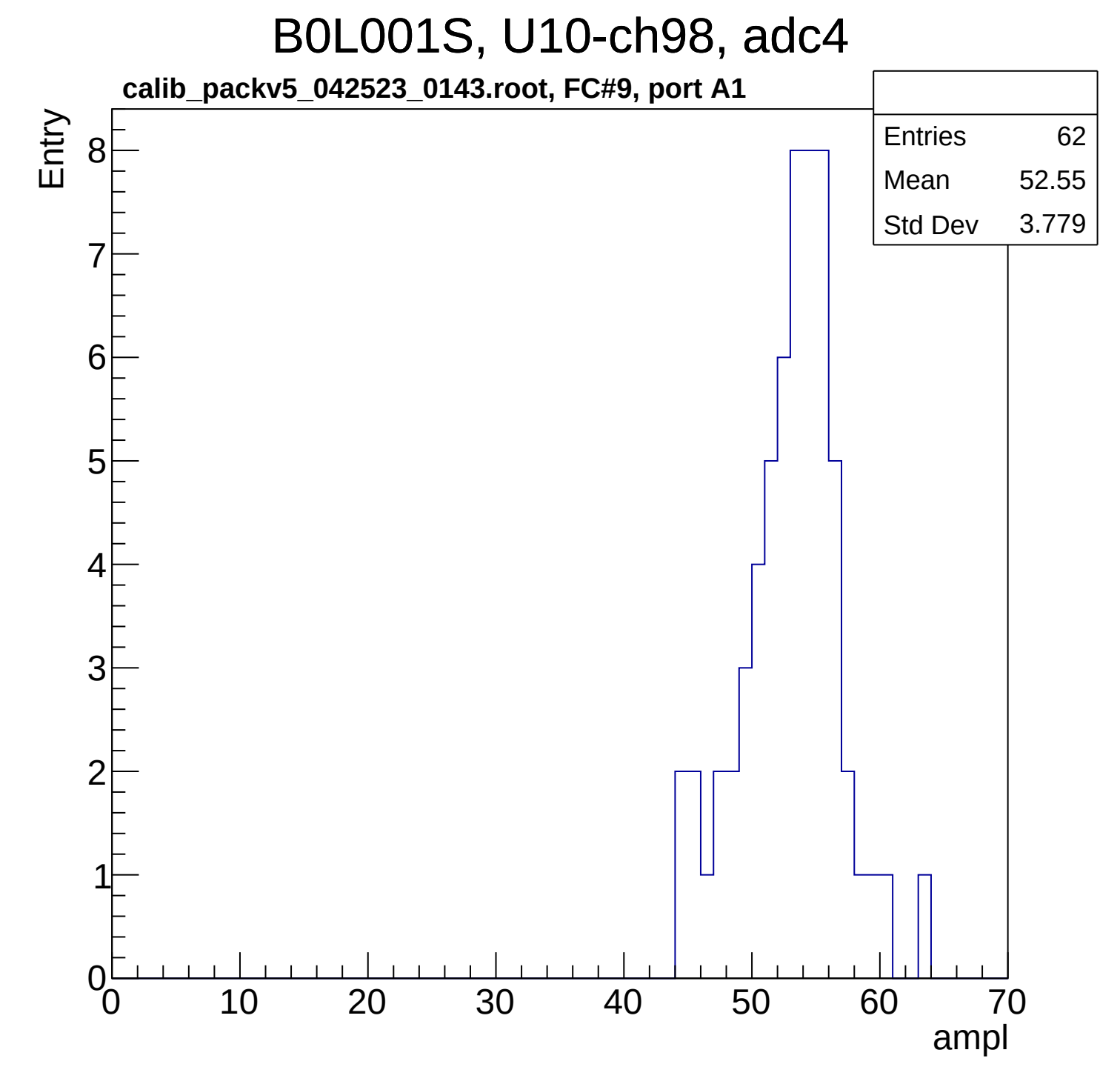
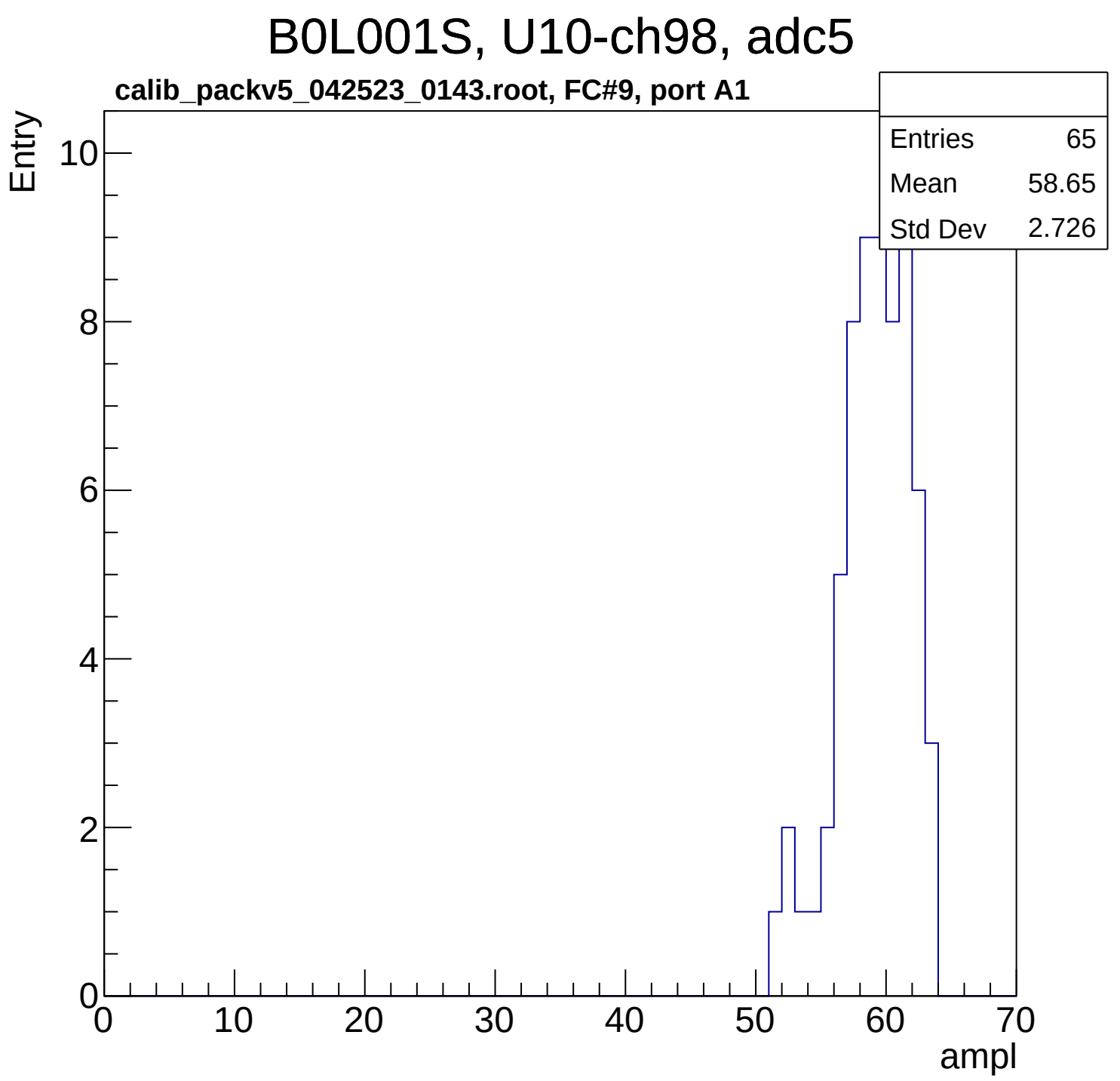
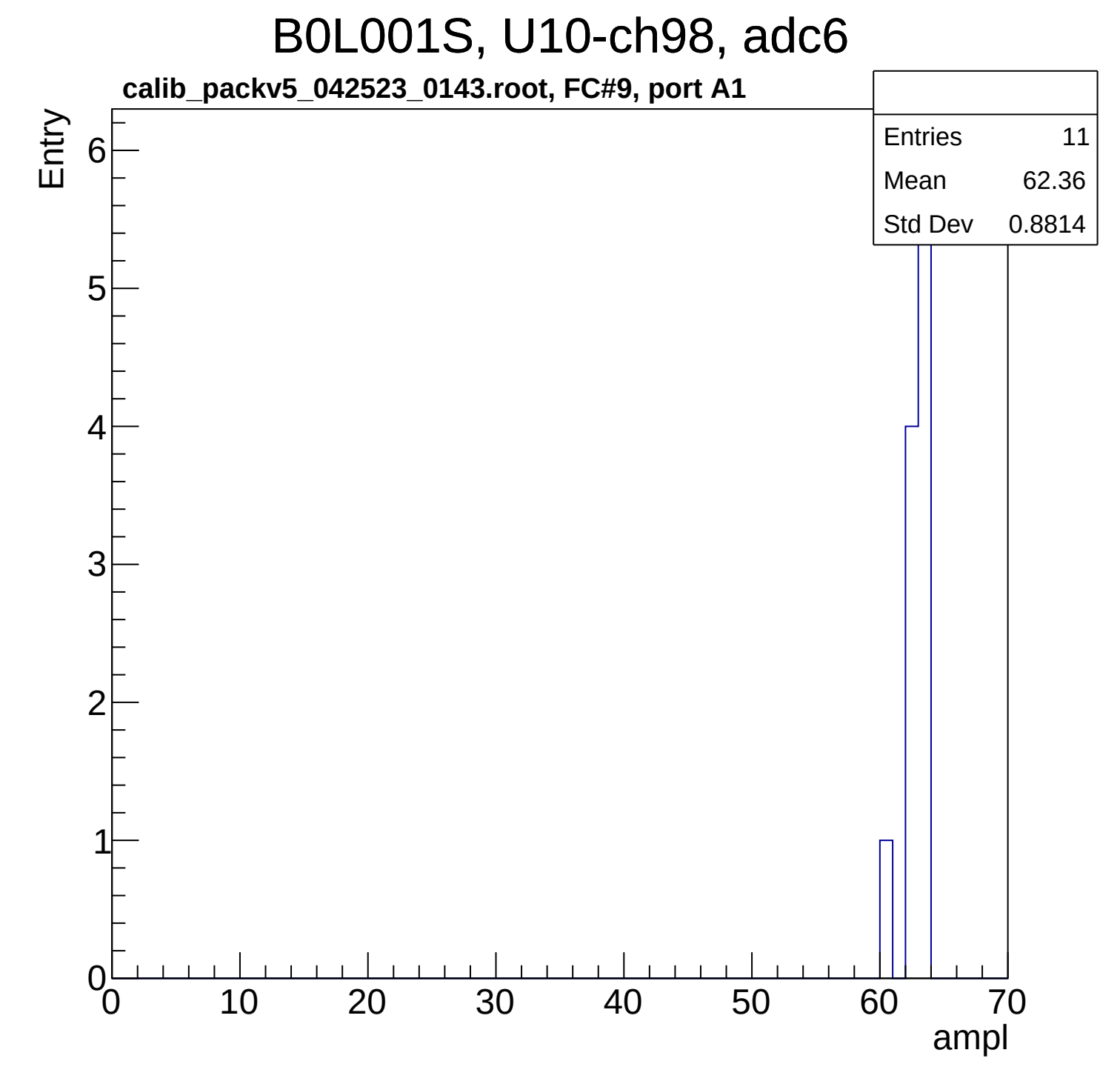
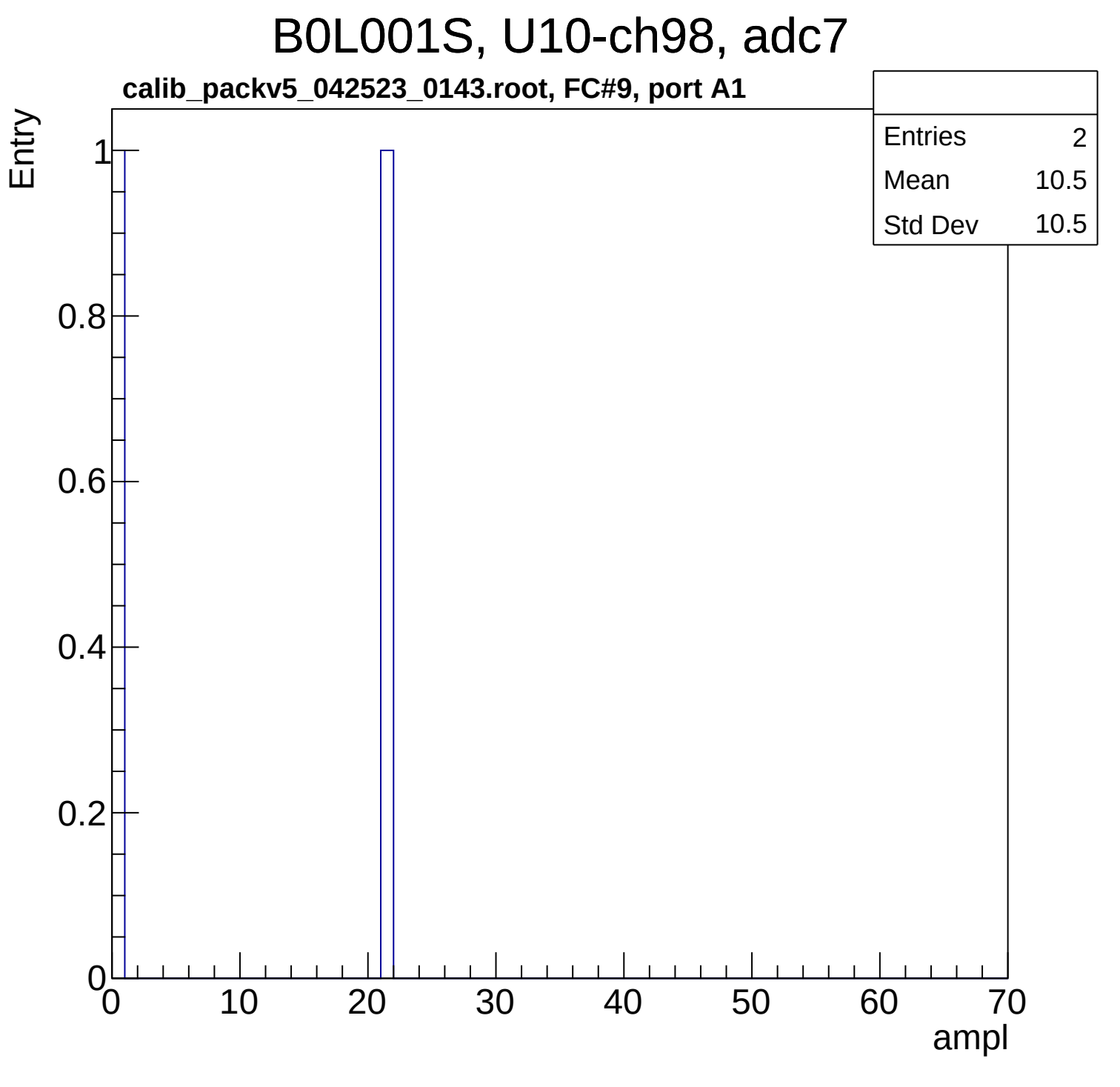
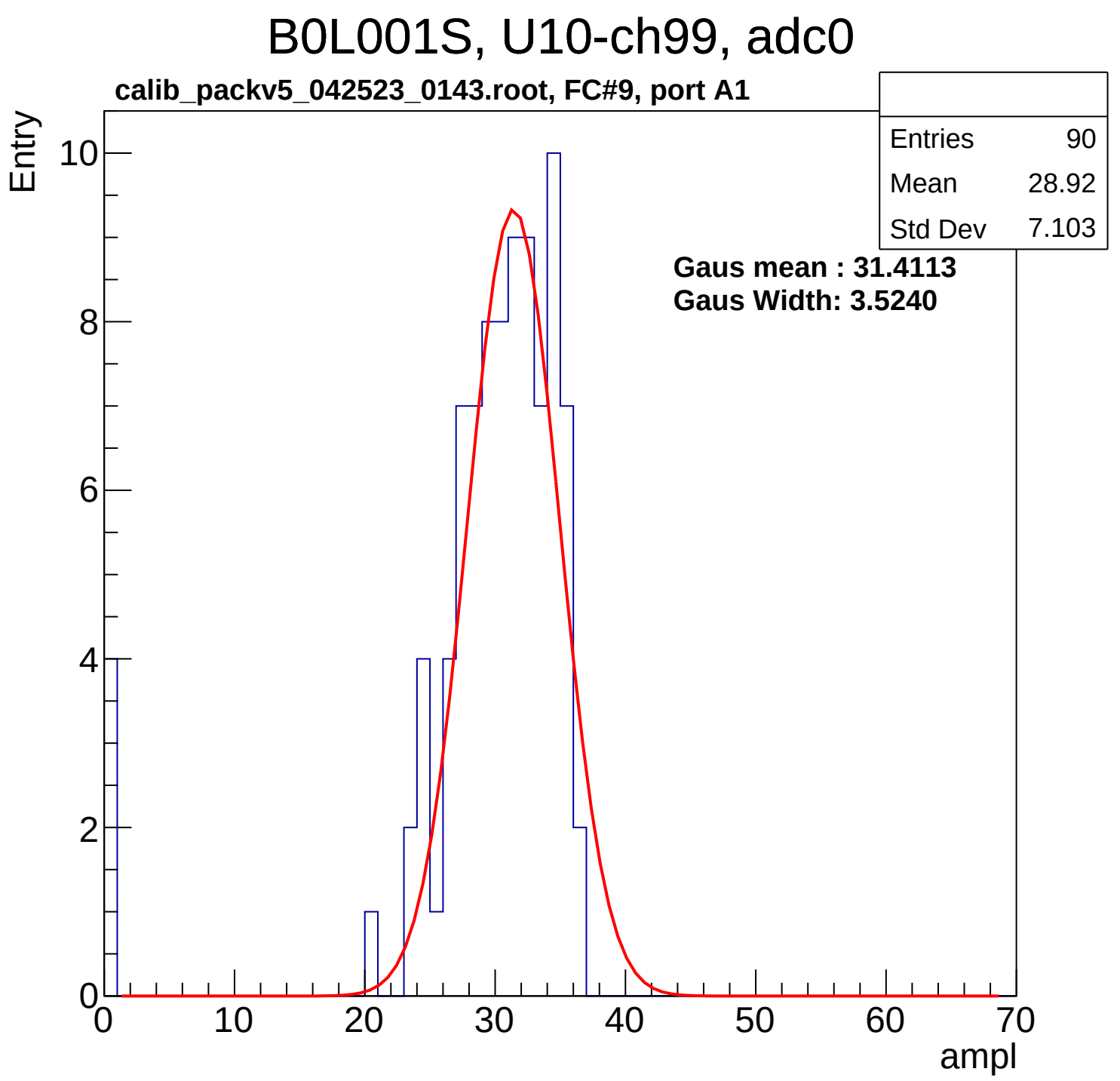
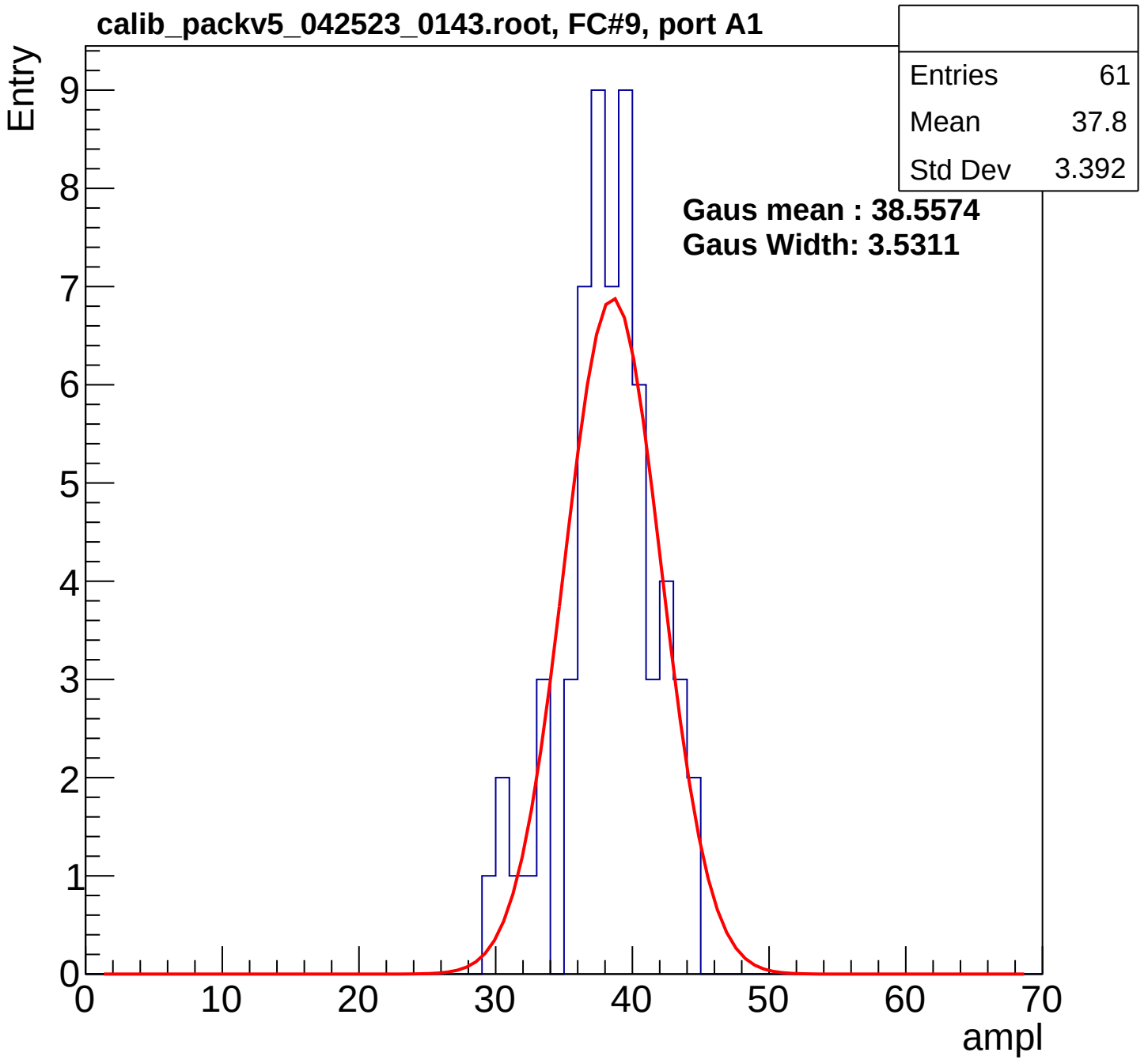

B0L001S, U10-ch98, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 52.55
Std Dev 3.779
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

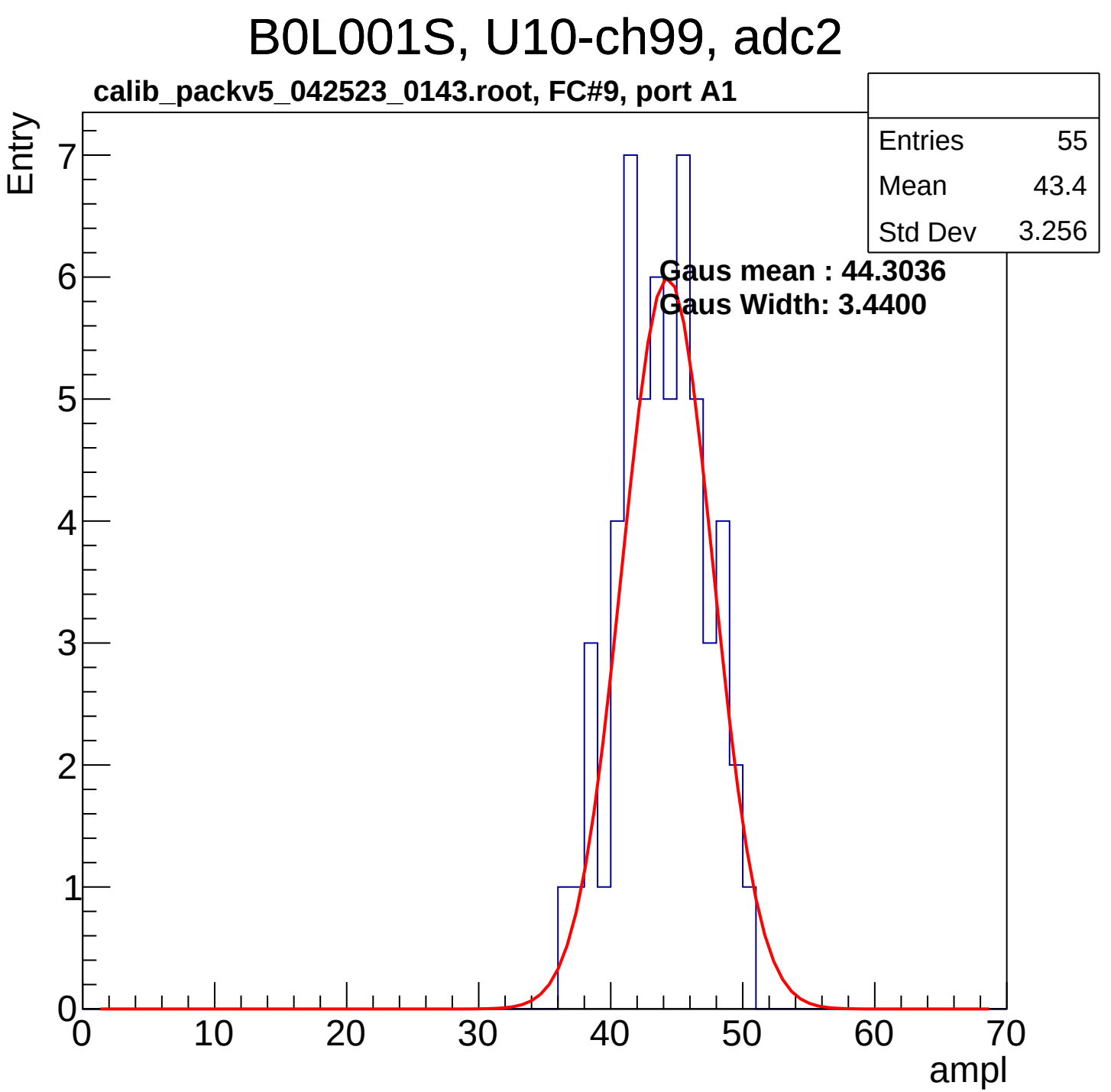

B0L001S, U10-ch98, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 58.65
Std Dev 2.726
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch98, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 11
Mean 62.36
Std Dev 0.8814
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch98, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch99, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 90
Mean 28.92
Std Dev 7.103
Gaus mean : 31.4113
Gaus Width: 3.5240
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch99, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 37.8
Std Dev 3.392
Gaus mean : 38.5574
Gaus Width: 3.5311
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch99, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 43.4
Std Dev 3.256
Gaus mean : 44.3036
Gaus Width: 3.4400
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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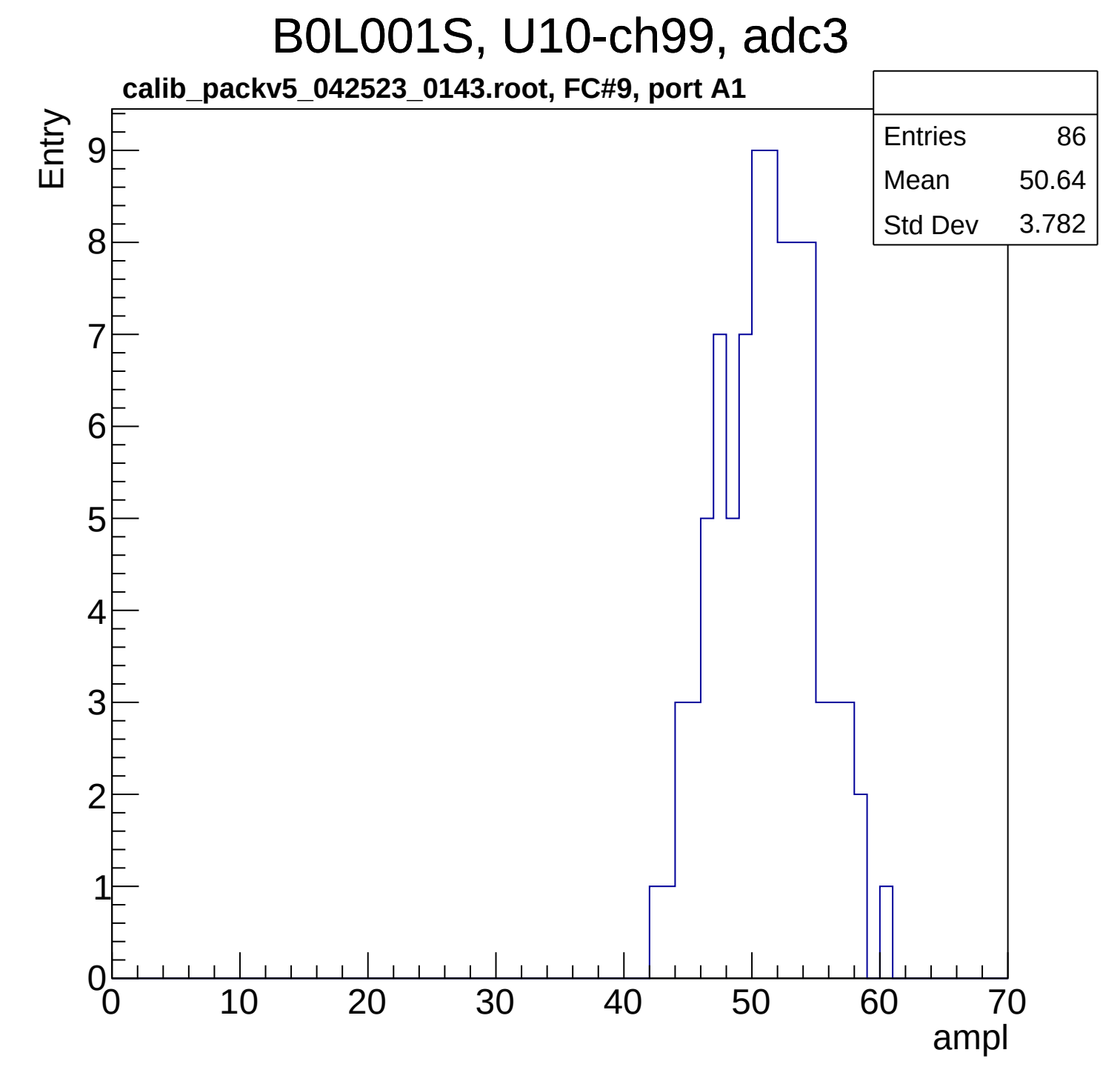
B0L001S, U10-ch99, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 86
Mean 50.64
Std Dev 3.782
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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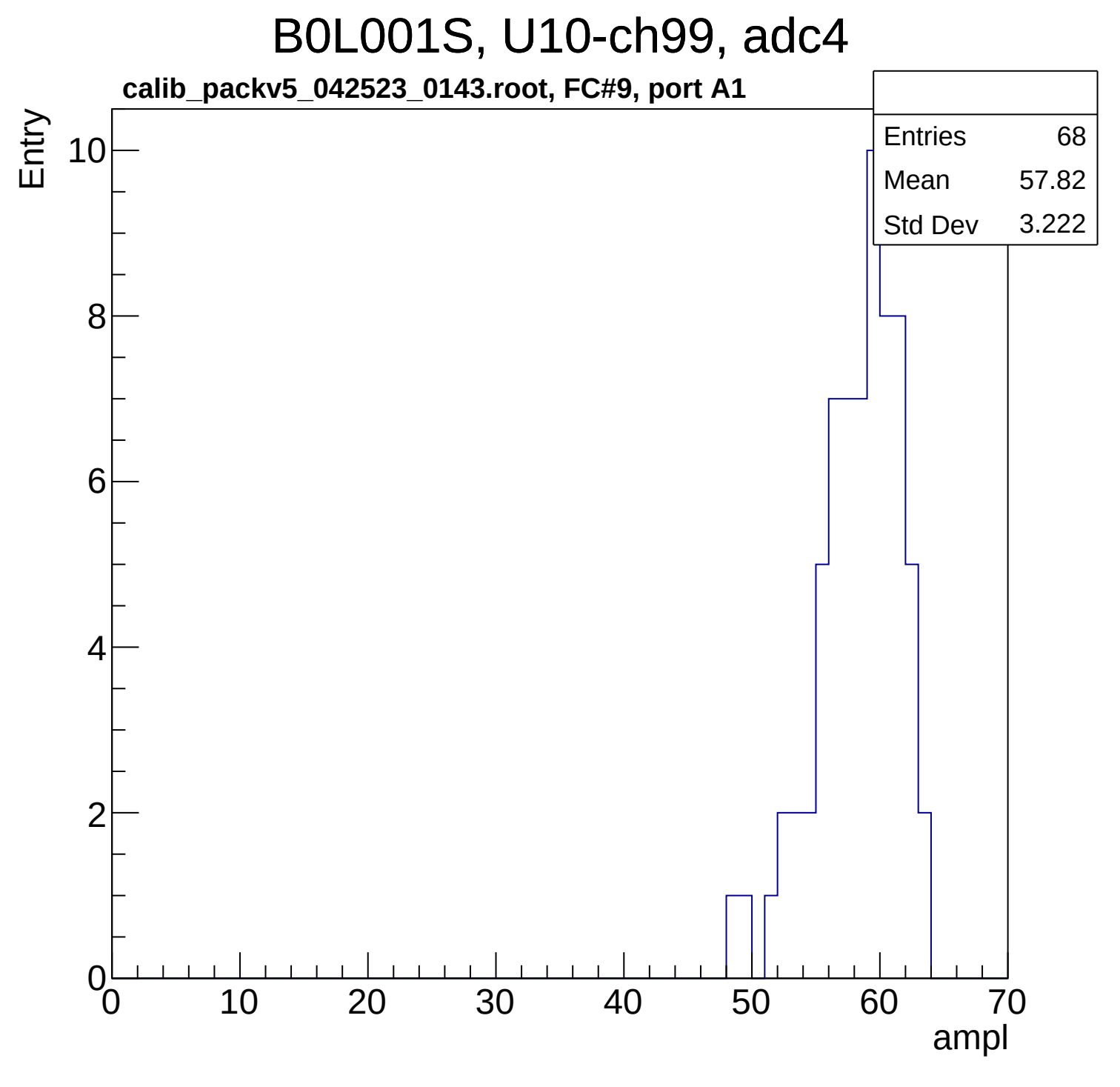
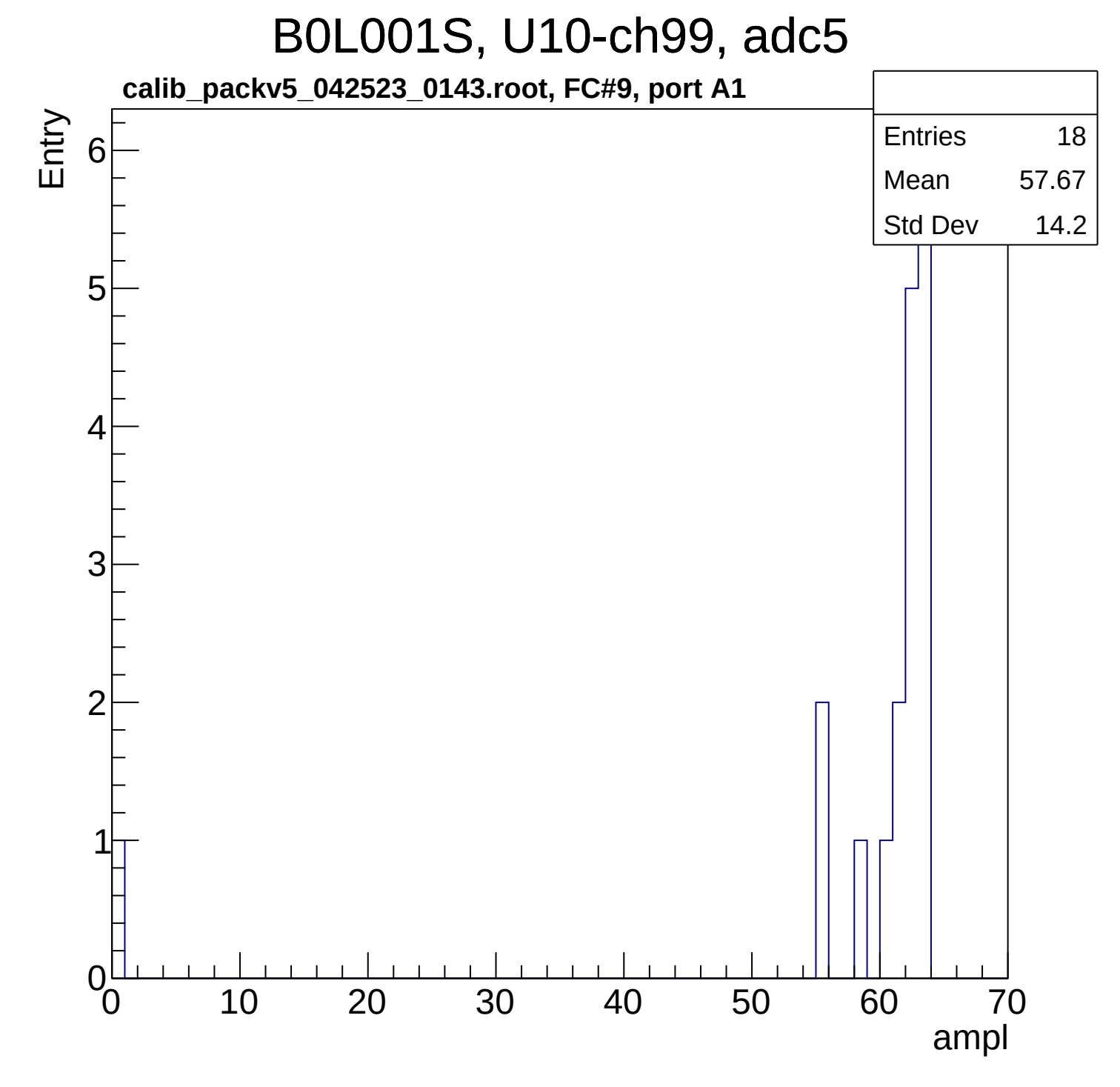

B0L001S, U10-ch99, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 57.82
Std Dev 3.222
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch99, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 18
Mean 57.67
Std Dev 14.2
Entry
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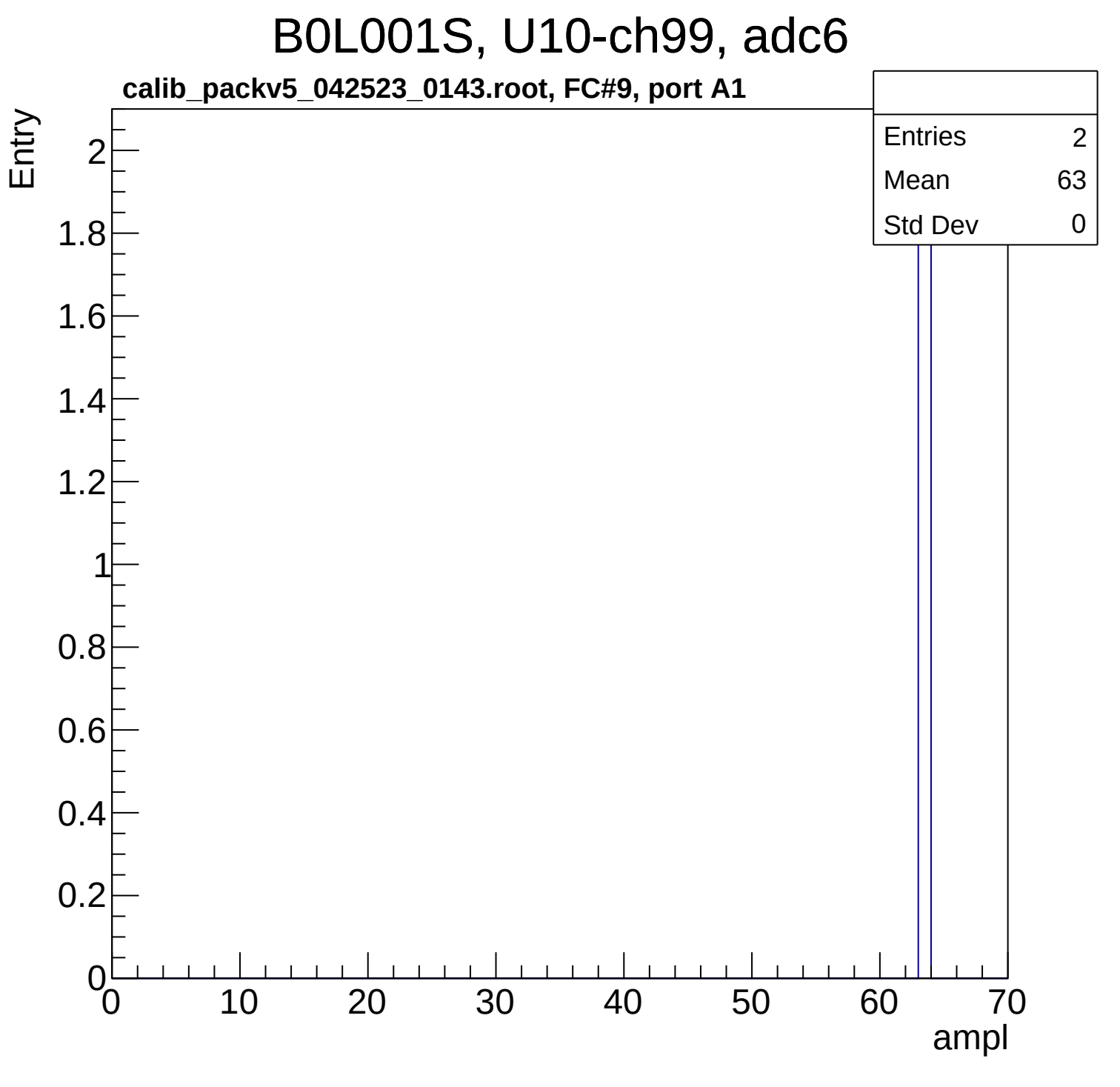
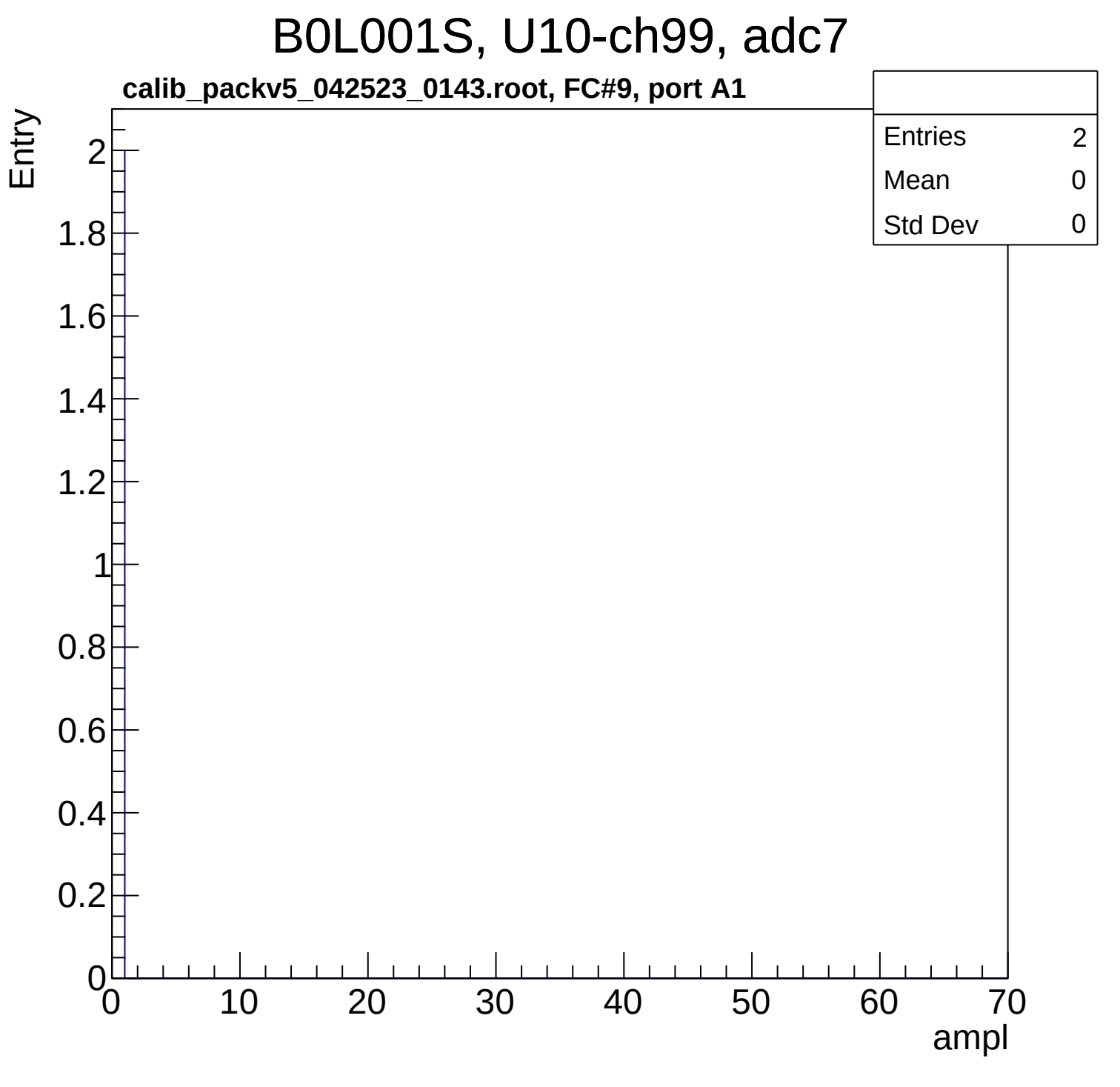
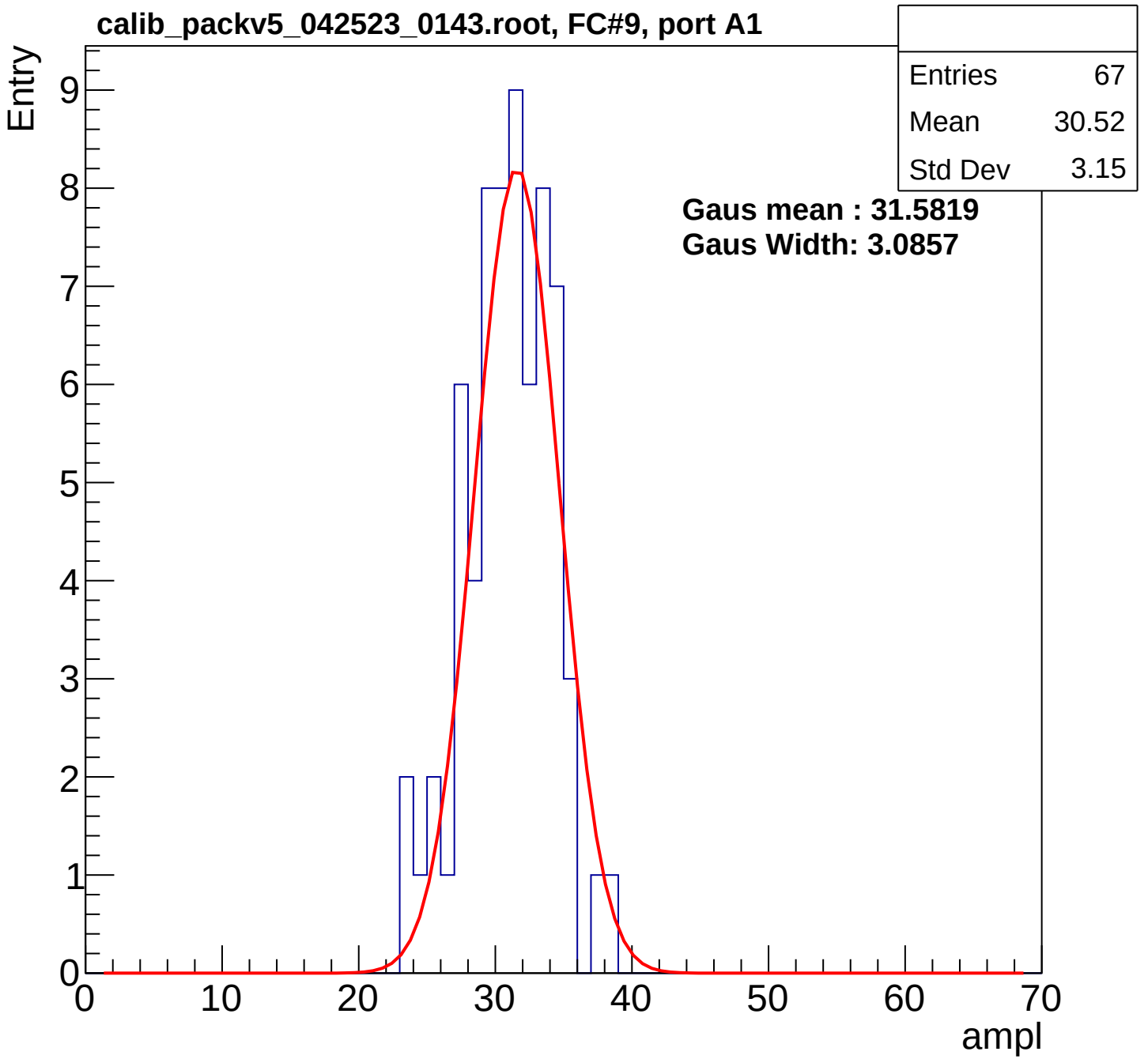
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch99, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch99, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch100, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 30.52
Std Dev 3.15
Gaus mean : 31.5819
Gaus Width: 3.0857
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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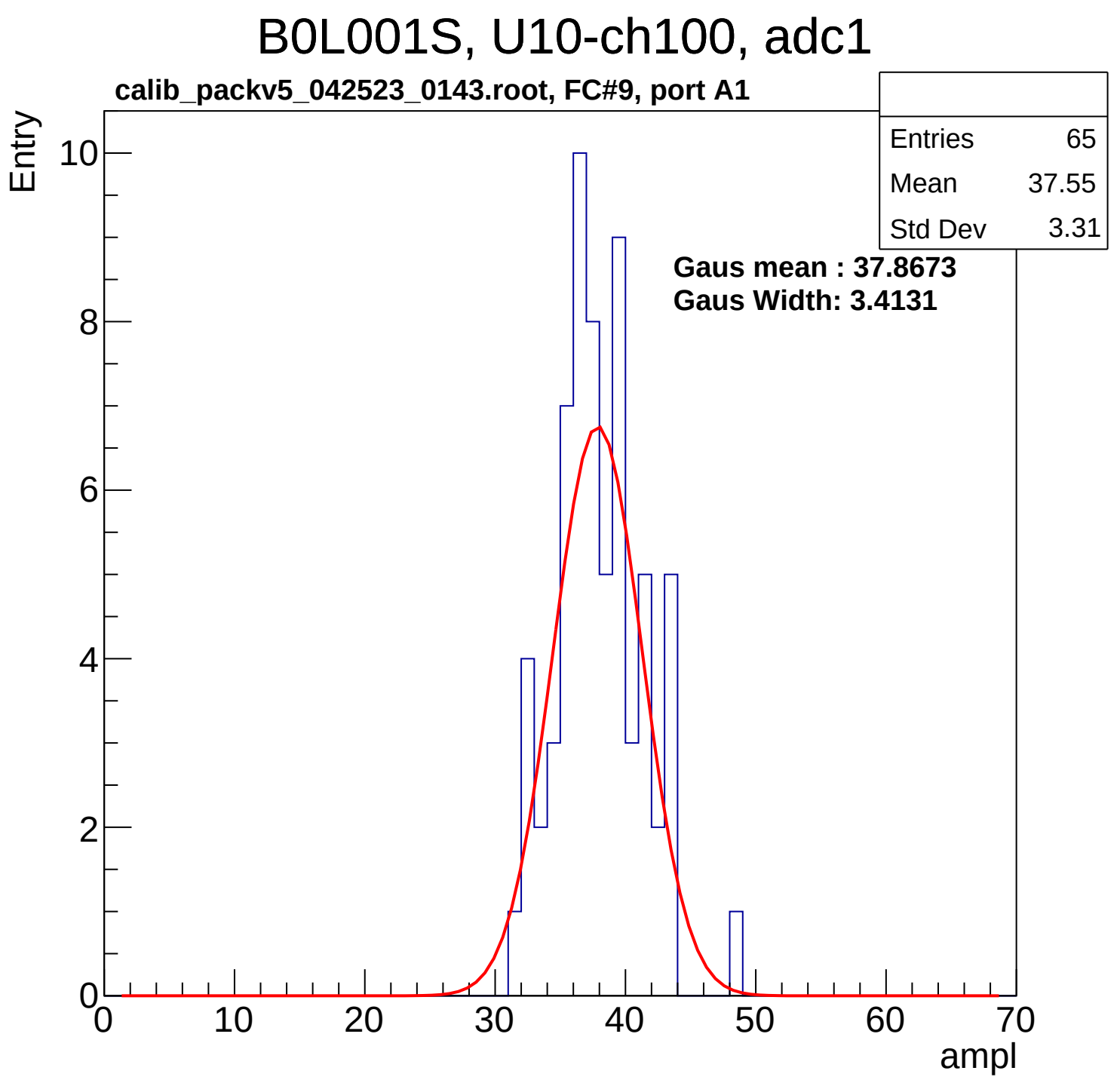
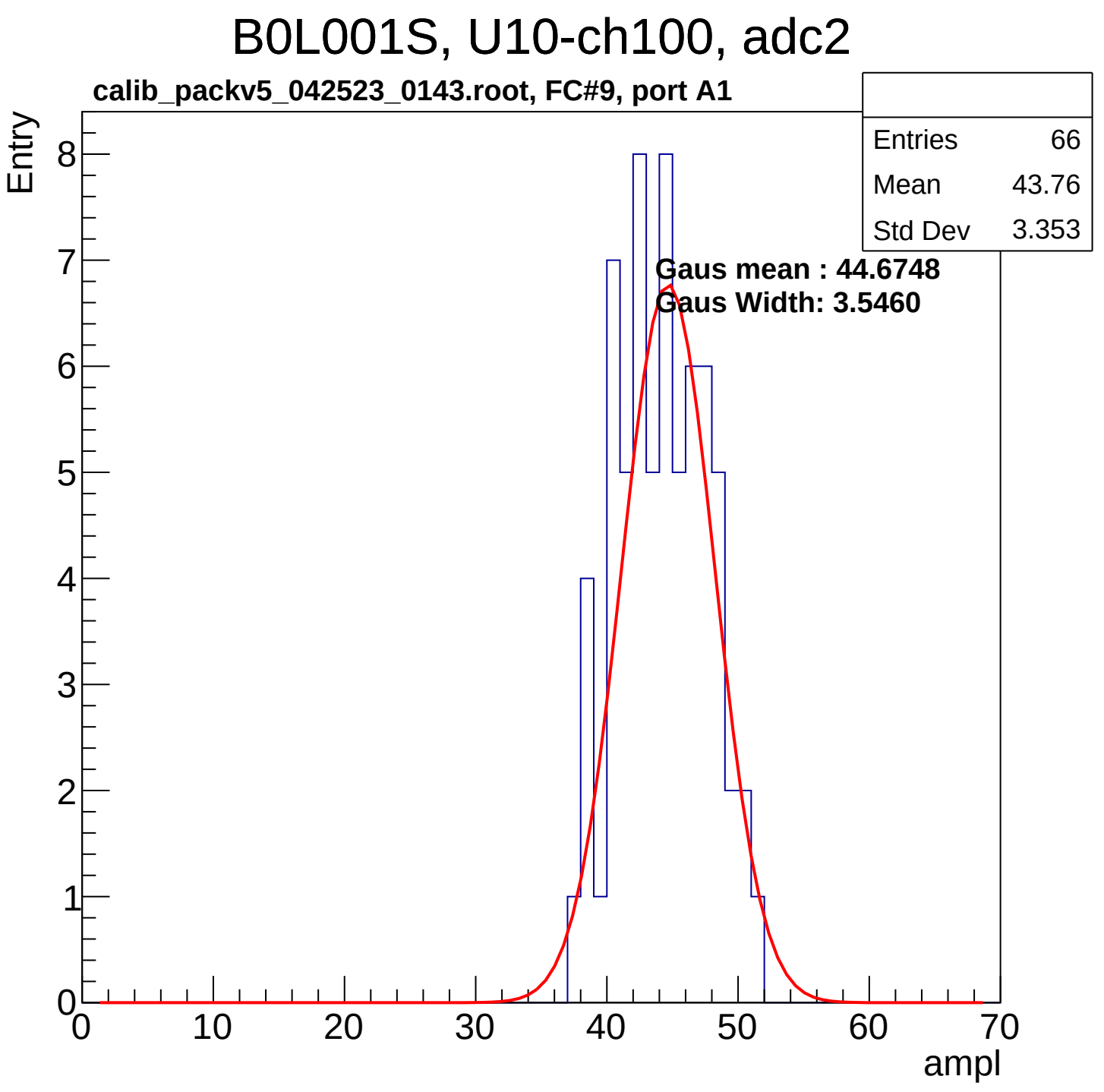

B0L001S, U10-ch100, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 37.55
Std Dev 3.31
Gaus mean : 37.8673
Gaus Width: 3.4131
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch100, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 43.76
Std Dev 3.353
Gaus mean : 44.6748
Gaus Width: 3.5460
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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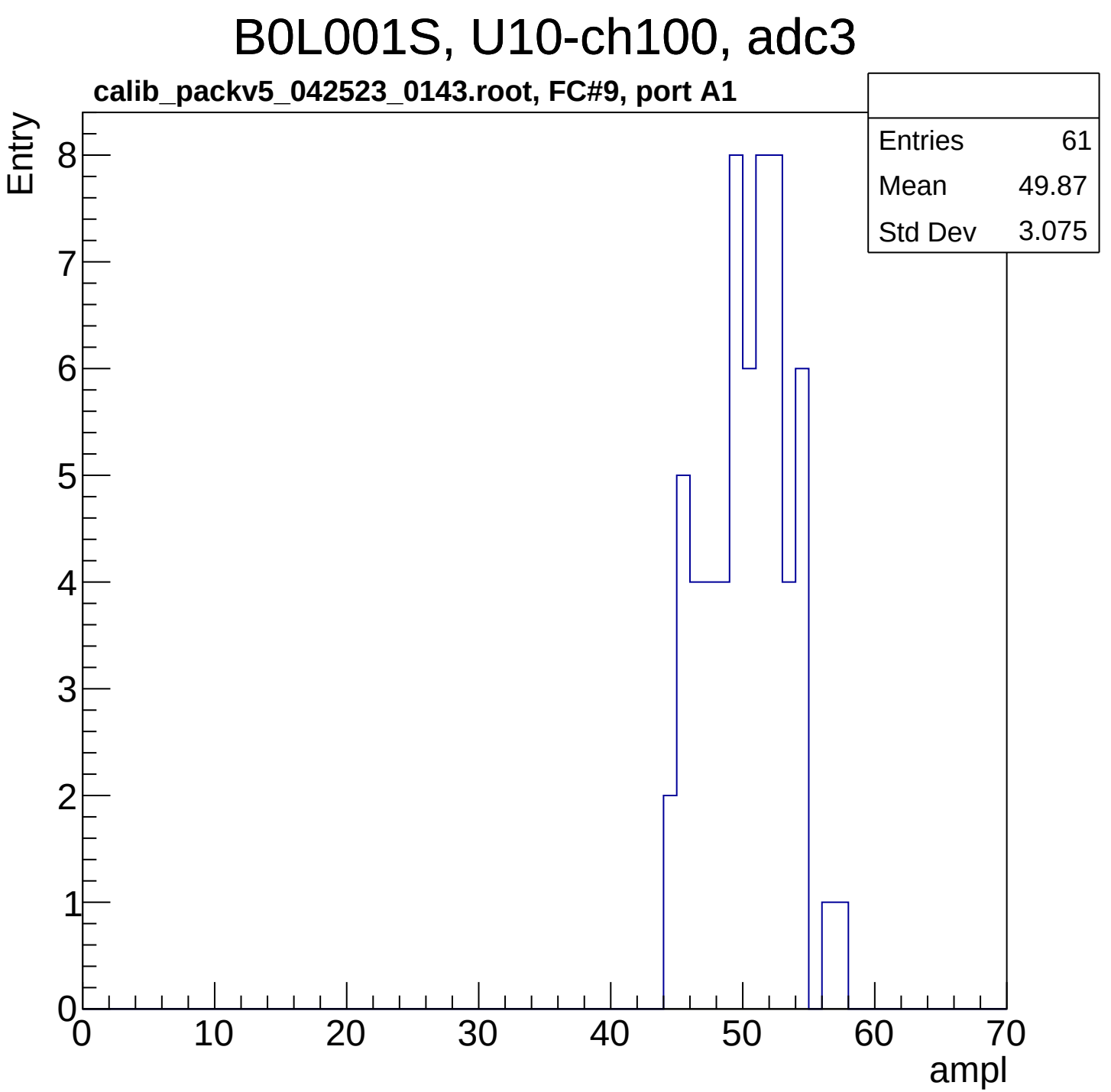
B0L001S, U10-ch100, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 49.87
Std Dev 3.075
Entry
ampl
0
1
2
3
4
5
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7
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0
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60
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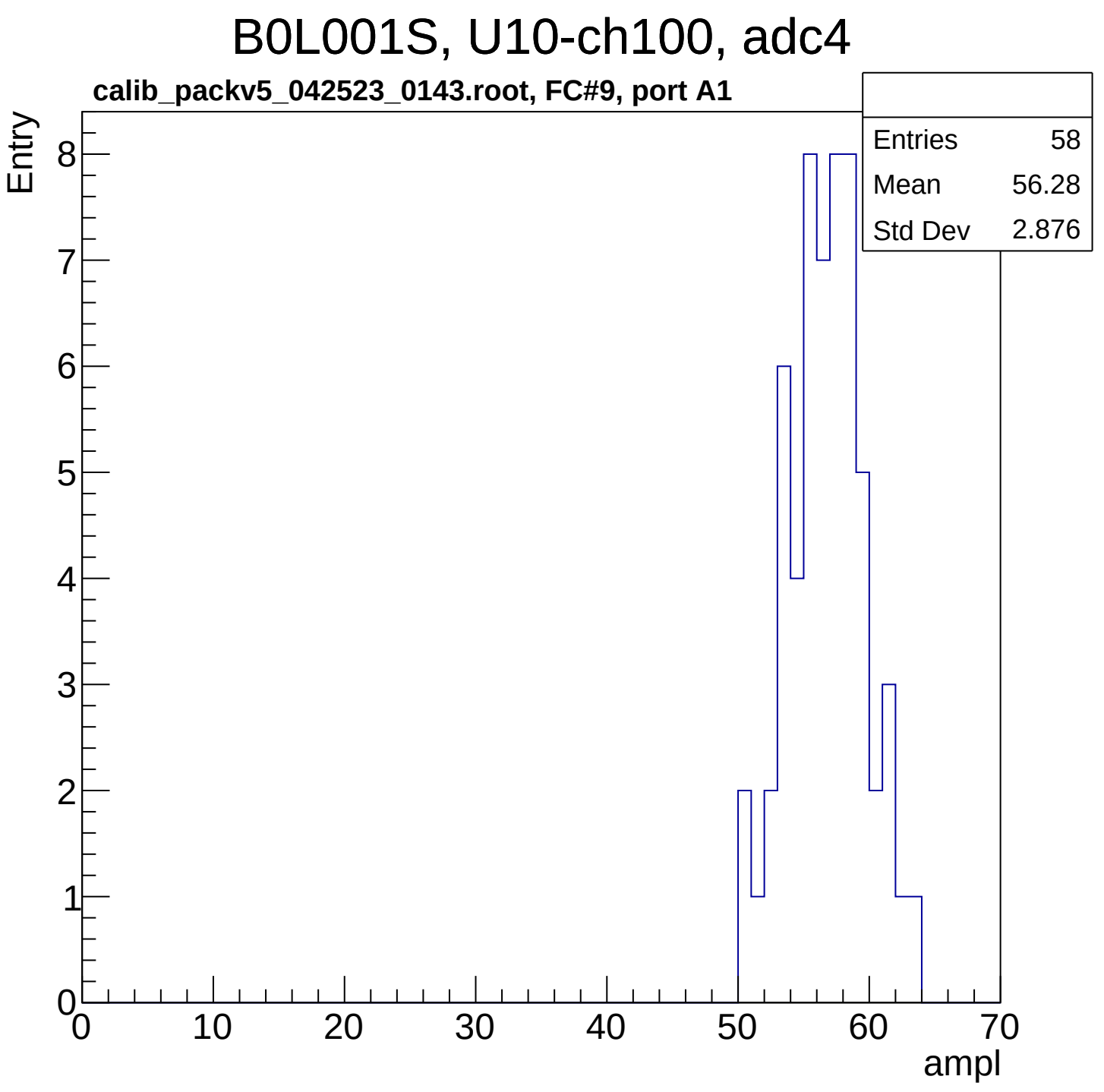
B0L001S, U10-ch100, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 56.28
Std Dev 2.876
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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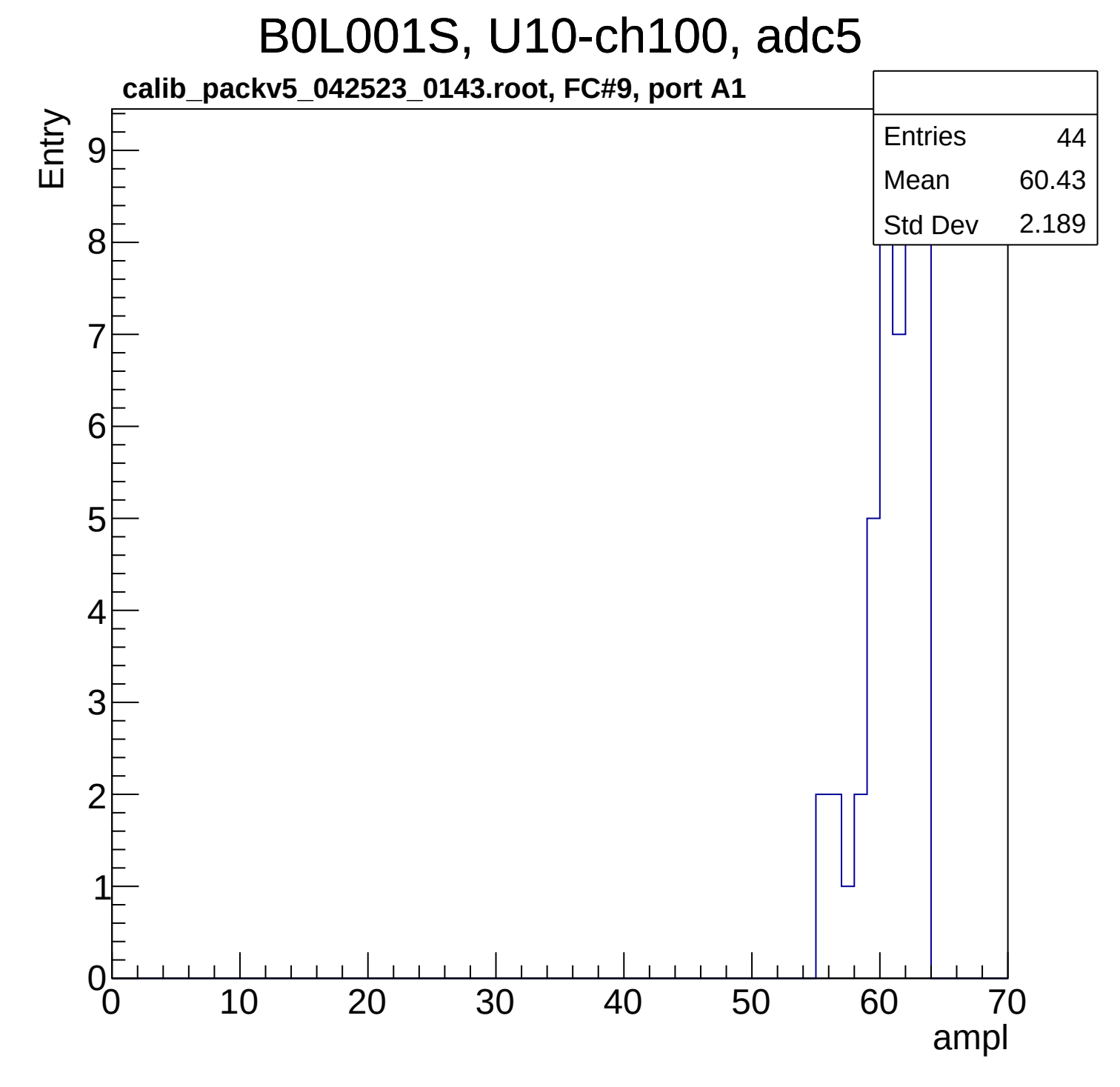
B0L001S, U10-ch100, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 60.43
Std Dev 2.189
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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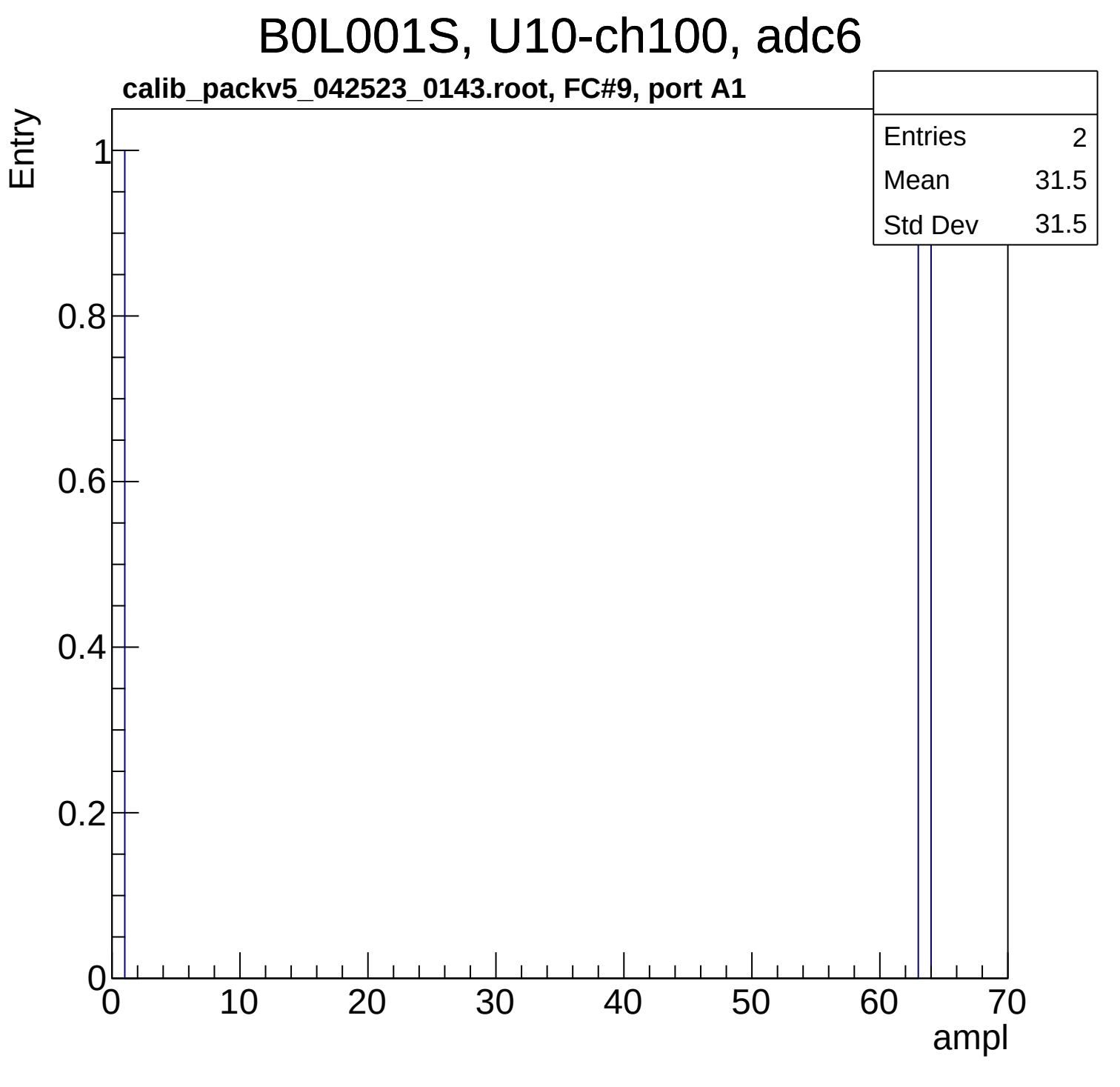
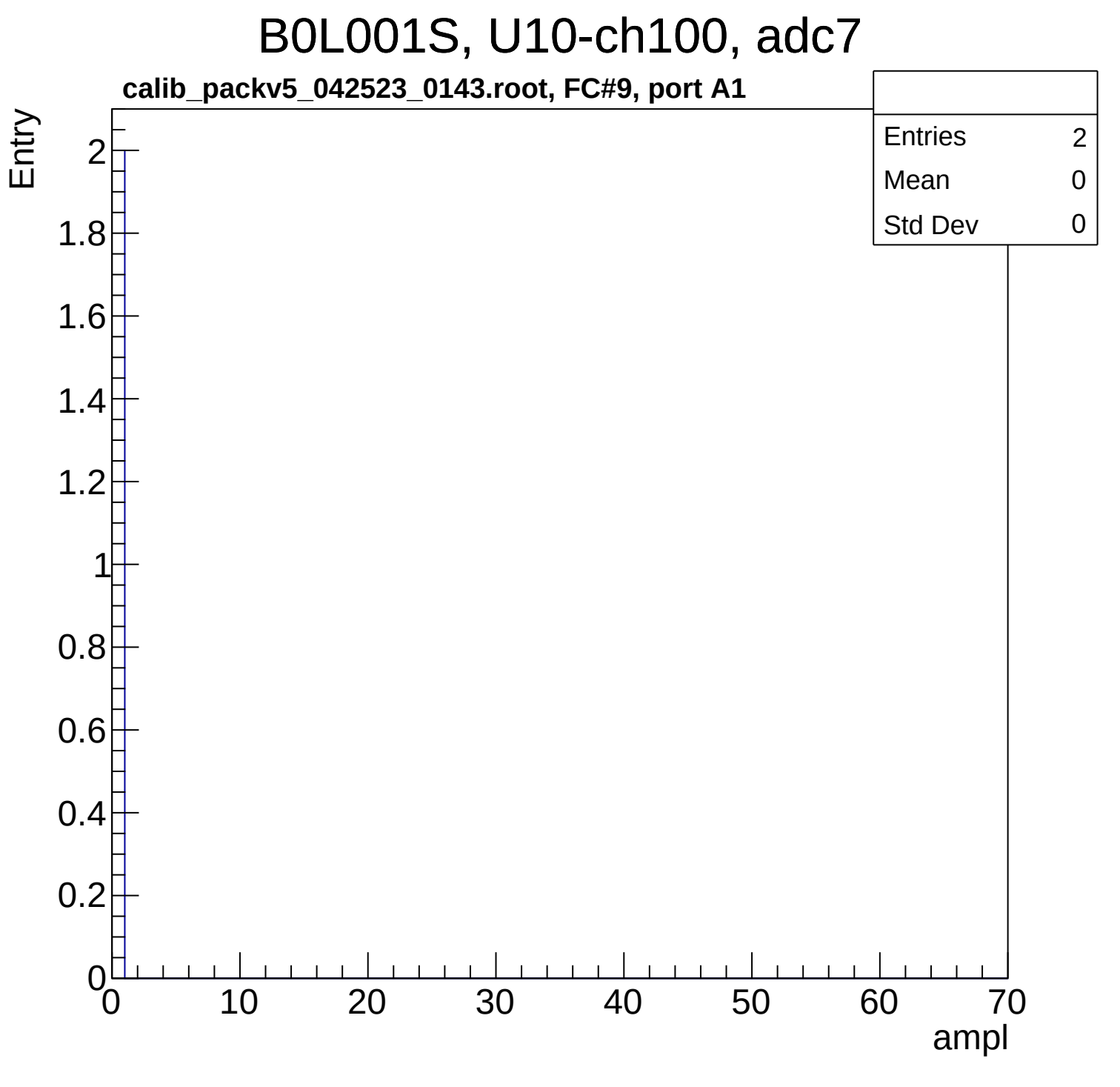

B0L001S, U10-ch100, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch100, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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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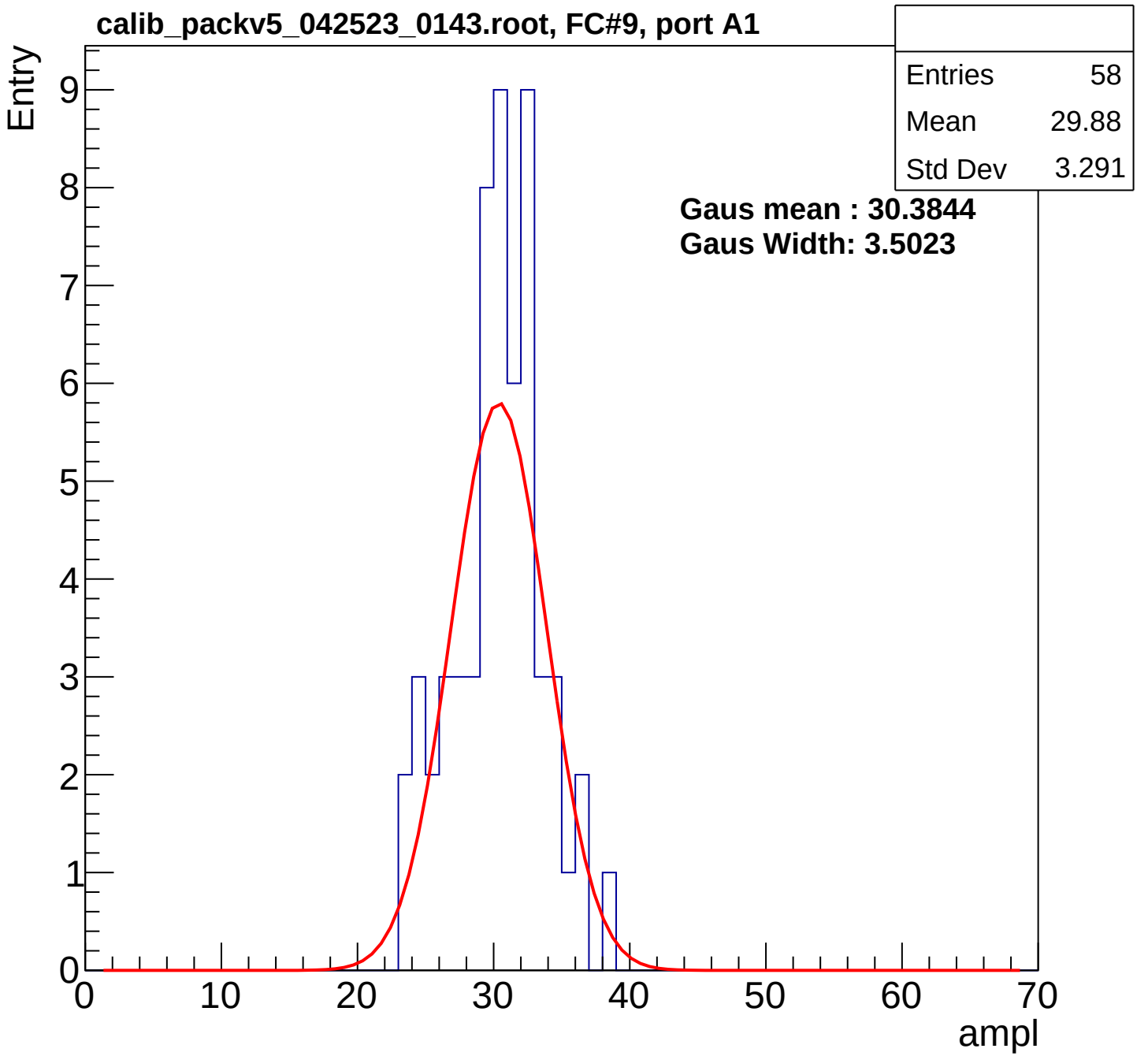
B0L001S, U10-ch101, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 29.88
Std Dev 3.291
Gaus mean : 30.3844
Gaus Width: 3.5023
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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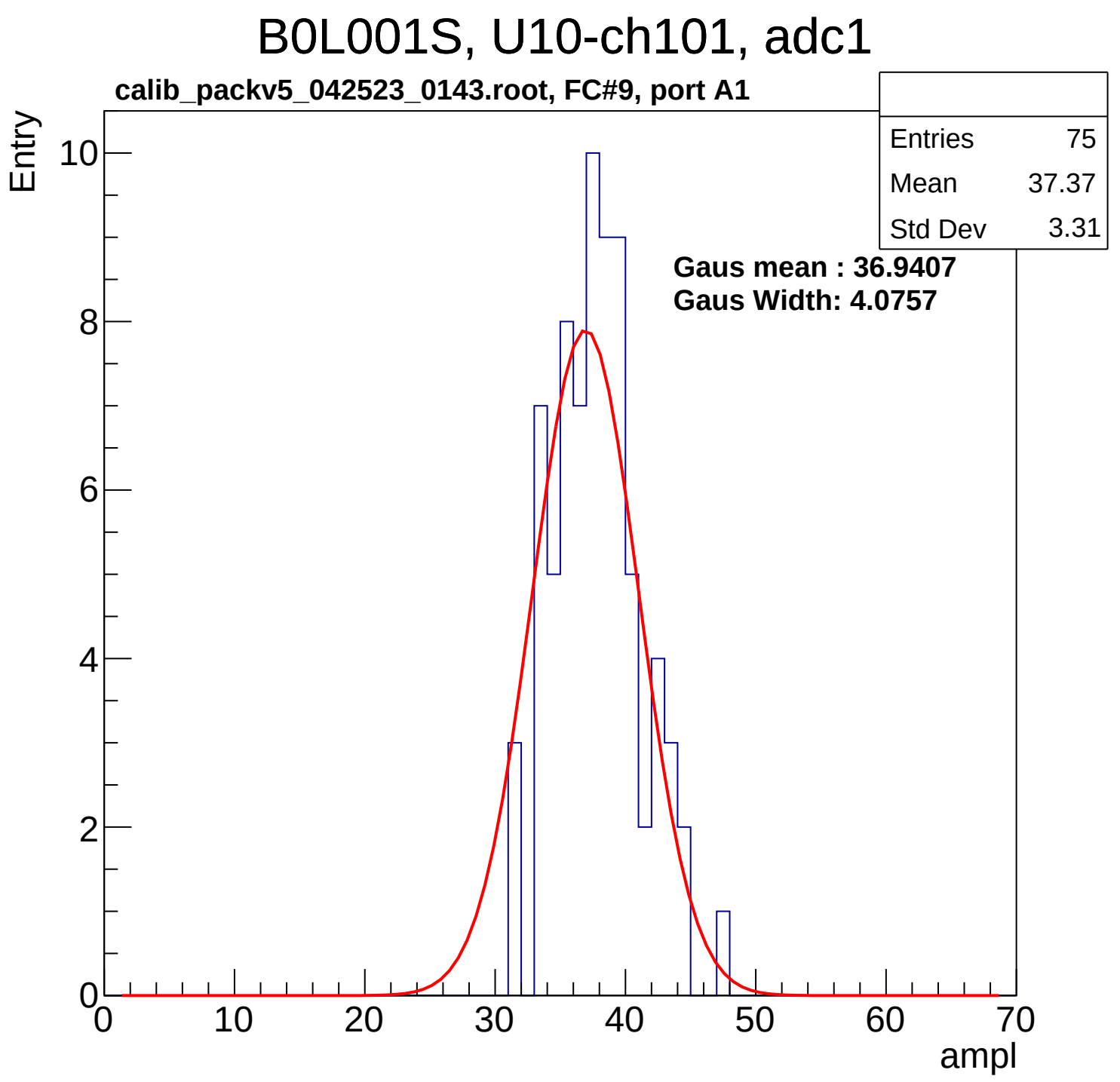
B0L001S, U10-ch101, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 37.37
Std Dev 3.31
Gaus mean : 36.9407
Gaus Width: 4.0757
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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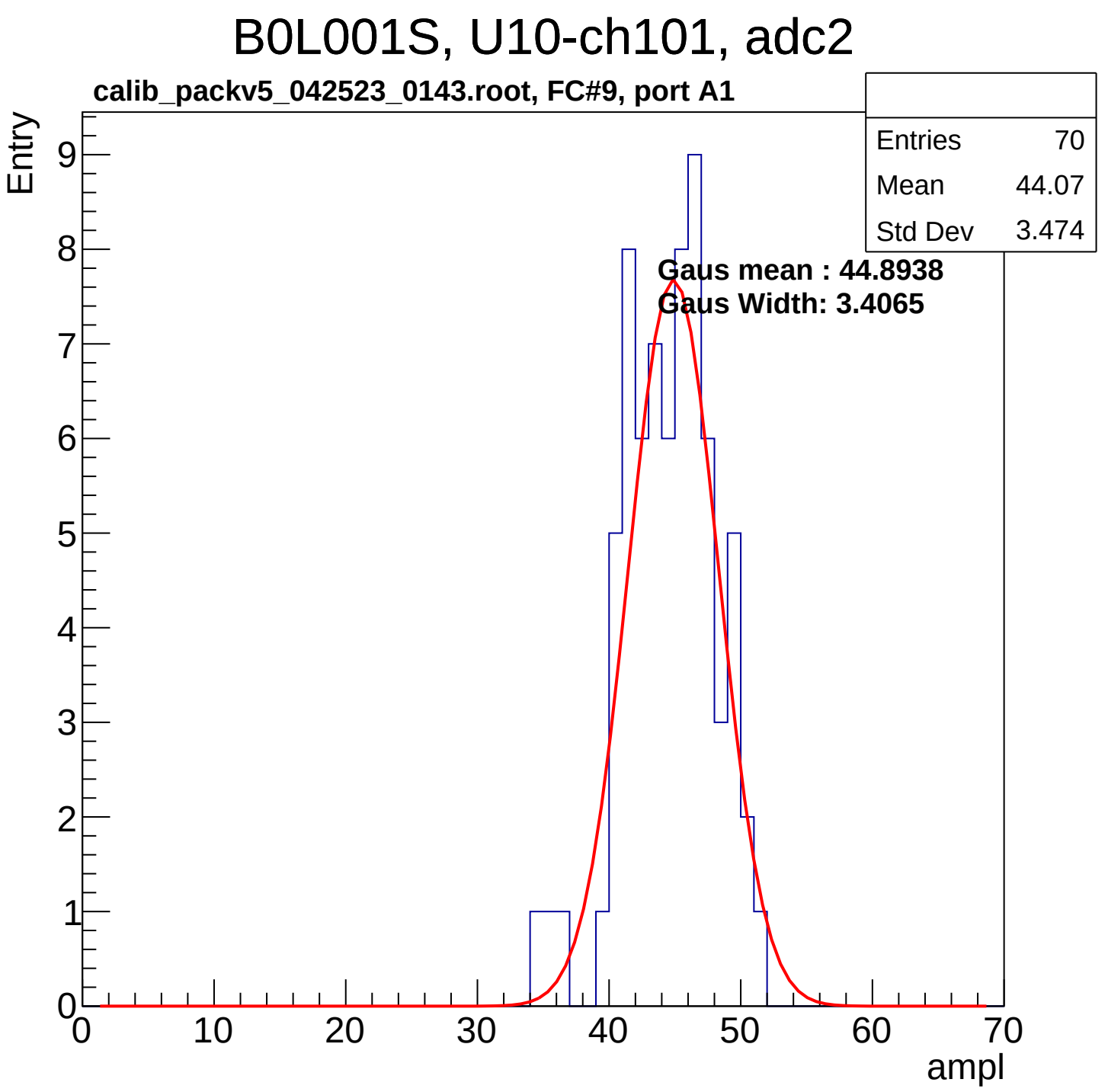
B0L001S, U10-ch101, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 44.07
Std Dev 3.474
Gaus mean : 44.8938
Gaus Width: 3.4065
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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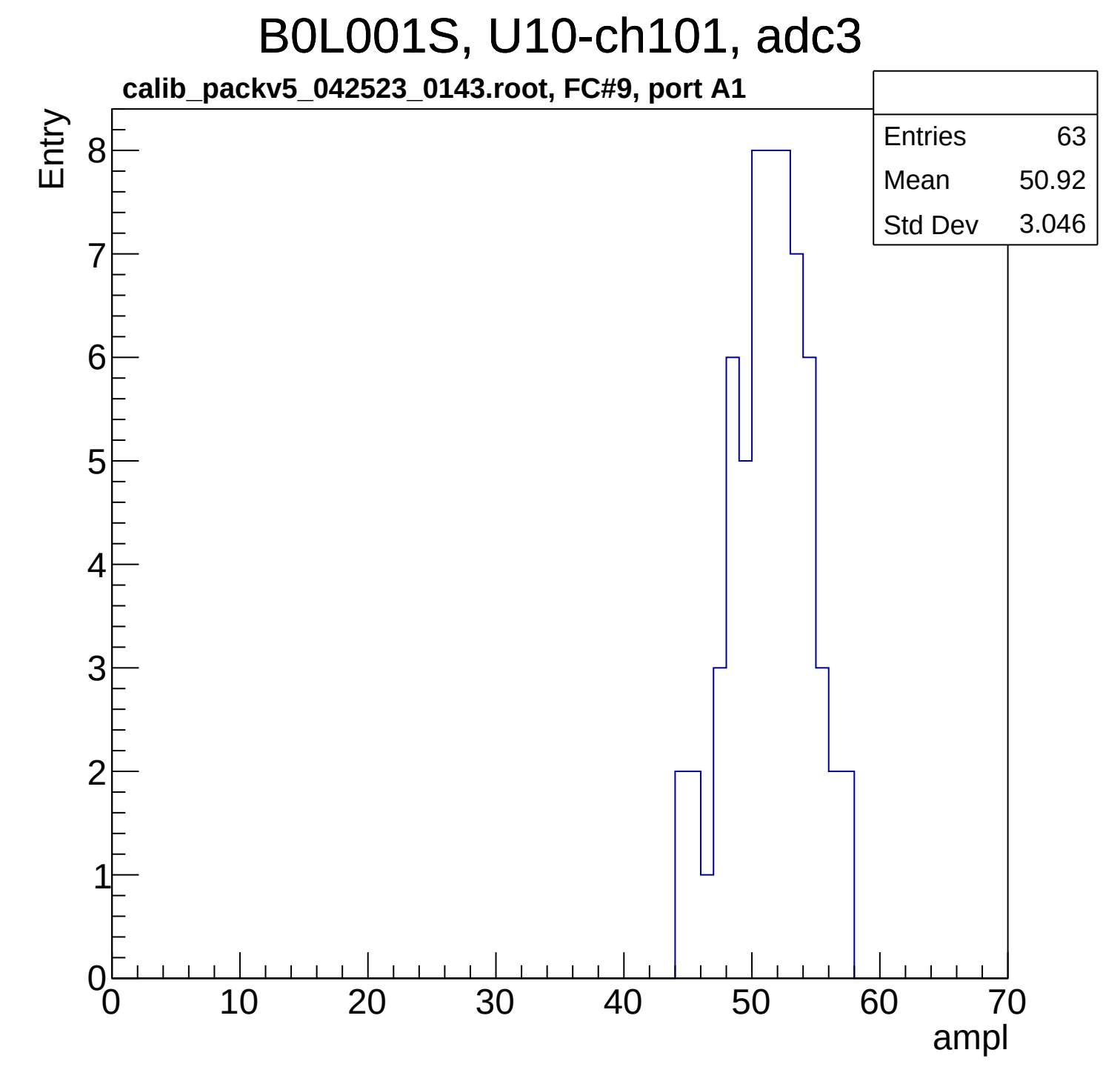
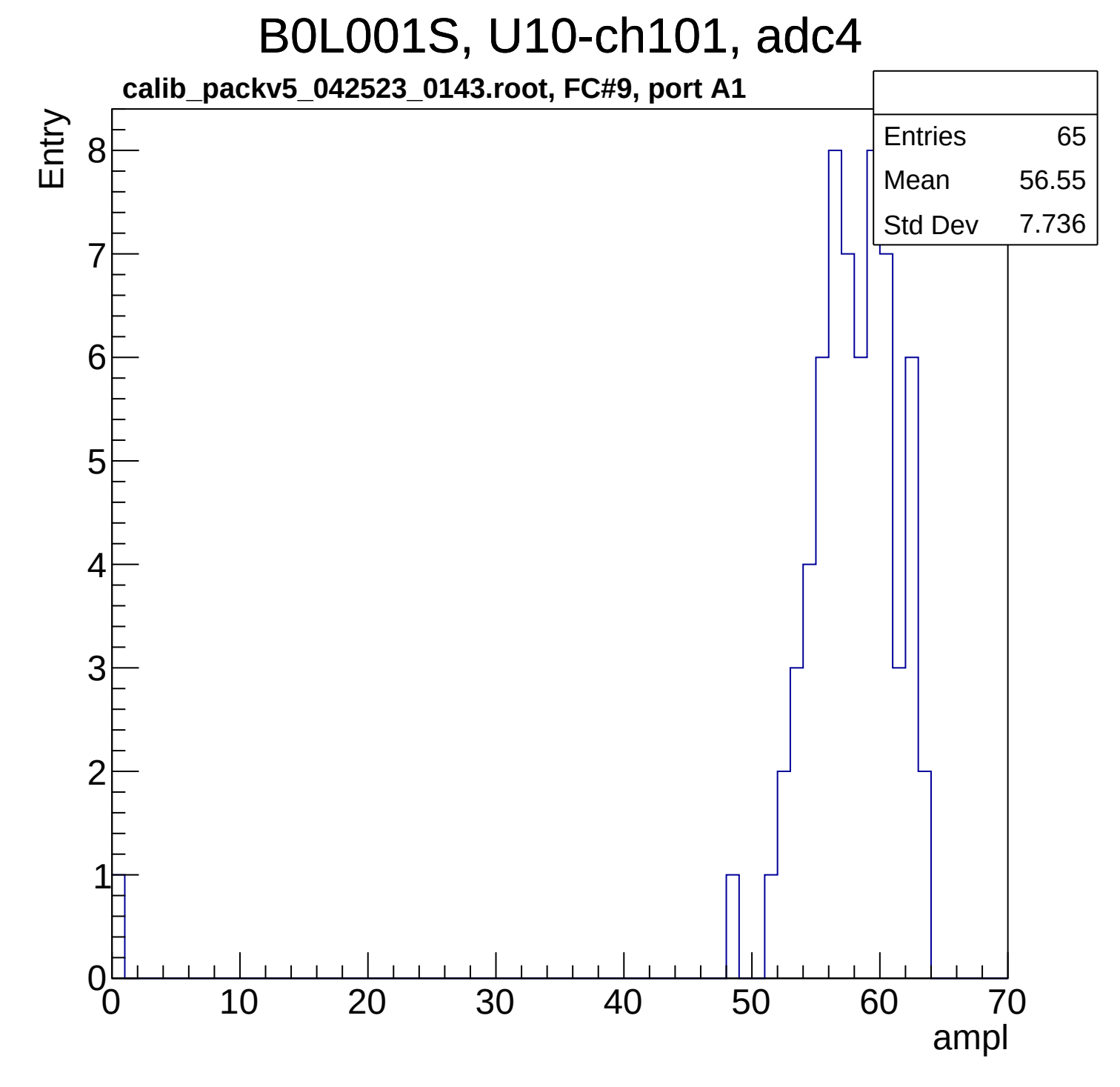
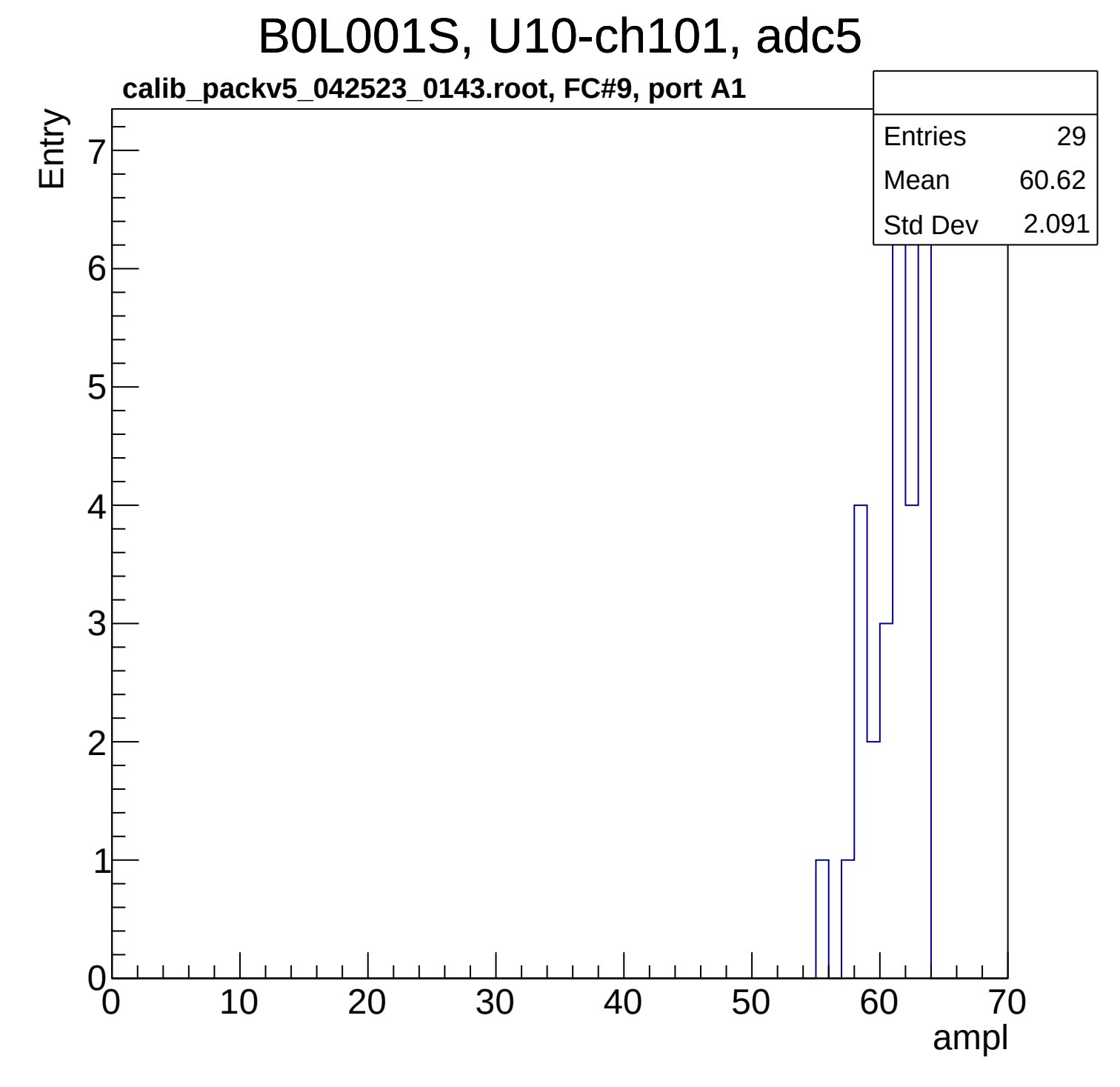
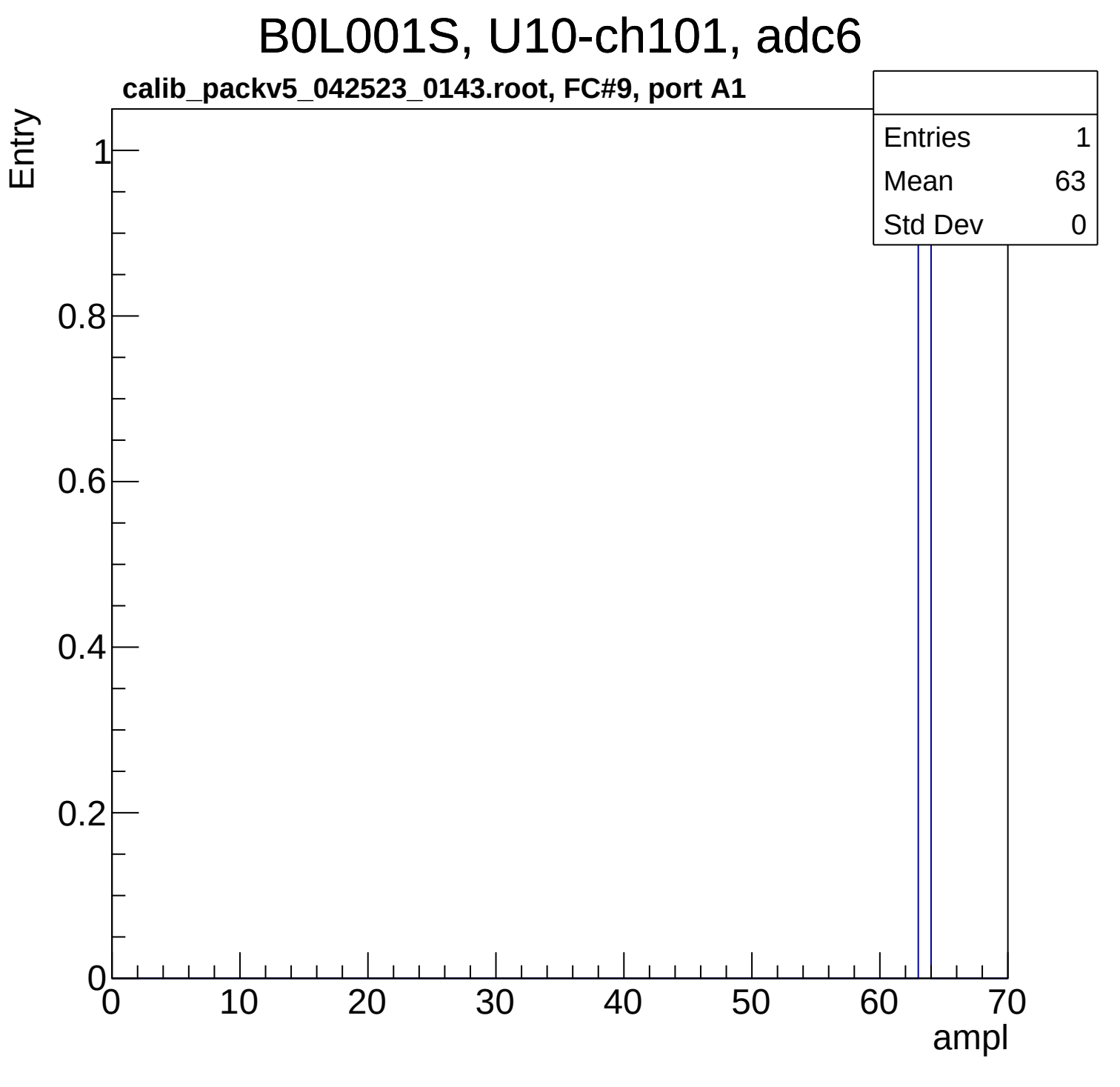
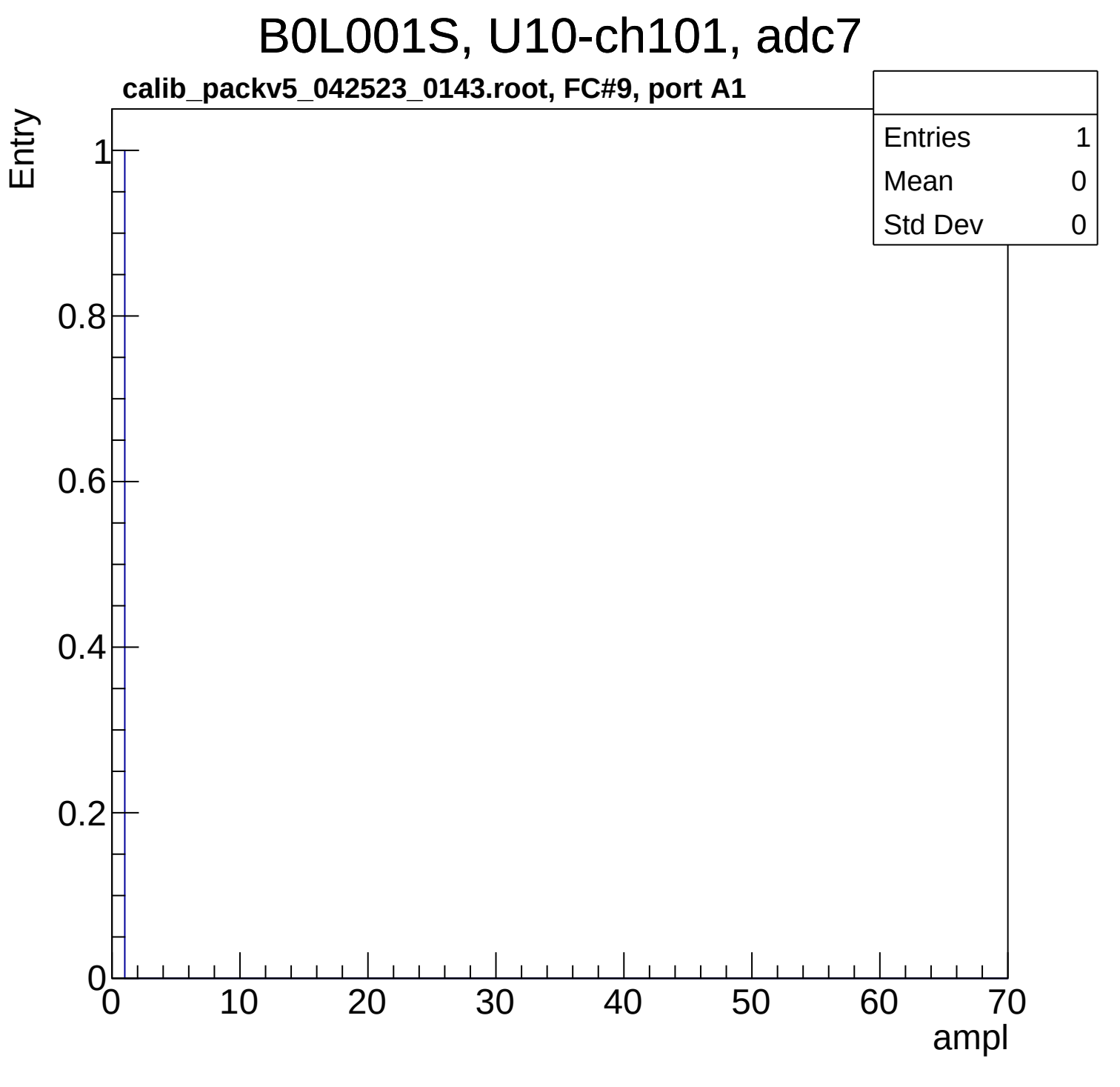
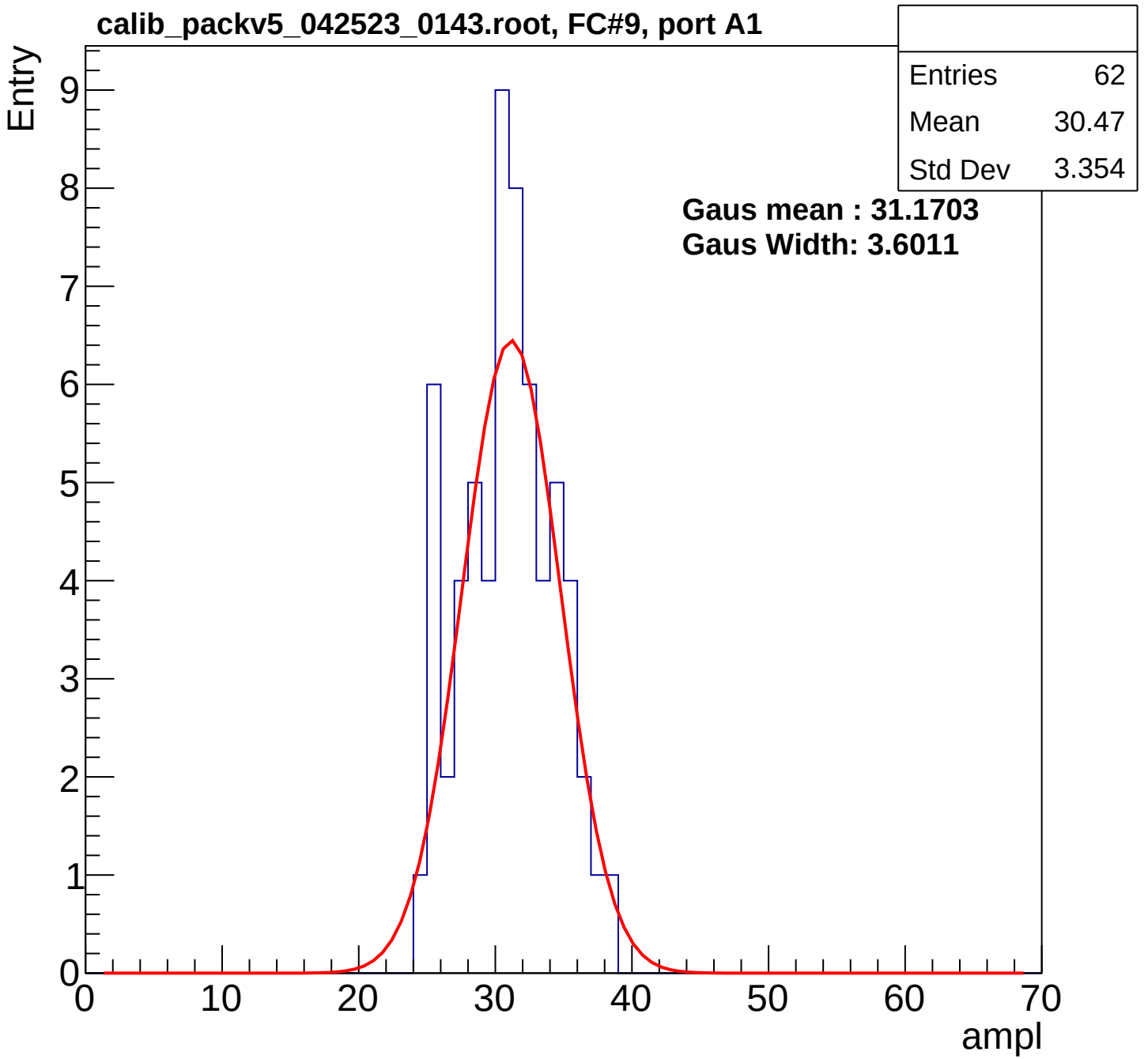

B0L001S, U10-ch101, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 50.92
Std Dev 3.046
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

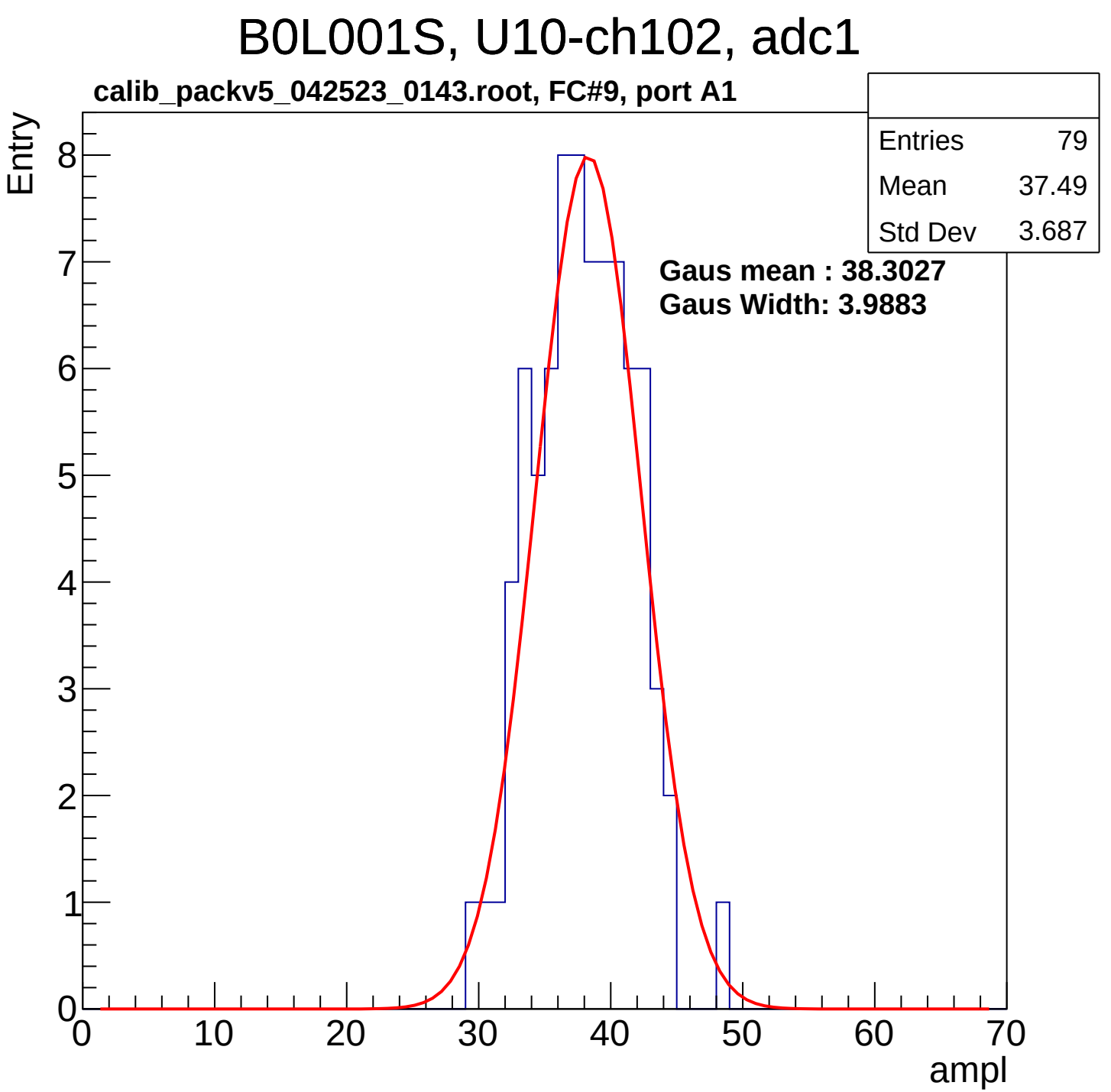

B0L001S, U10-ch101, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 56.55
Std Dev 7.736
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch101, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 60.62
Std Dev 2.091
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch101, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch101, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch102, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 30.47
Std Dev 3.354
Gaus mean : 31.1703
Gaus Width: 3.6011
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch102, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 37.49
Std Dev 3.687
Gaus mean : 38.3027
Gaus Width: 3.9883
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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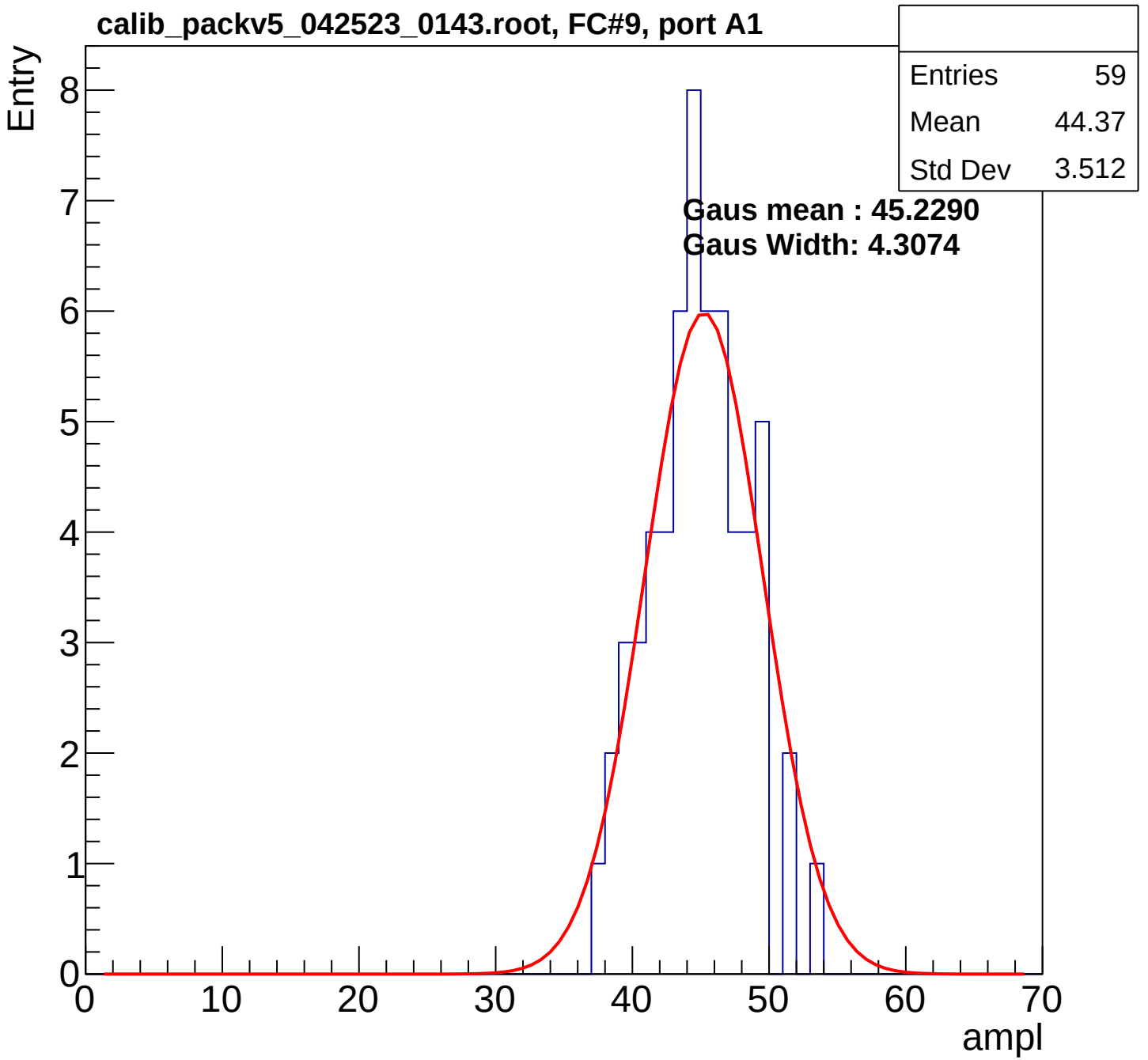
B0L001S, U10-ch102, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 44.37
Std Dev 3.512
Gaus mean : 45.2290
Gaus Width: 4.3074
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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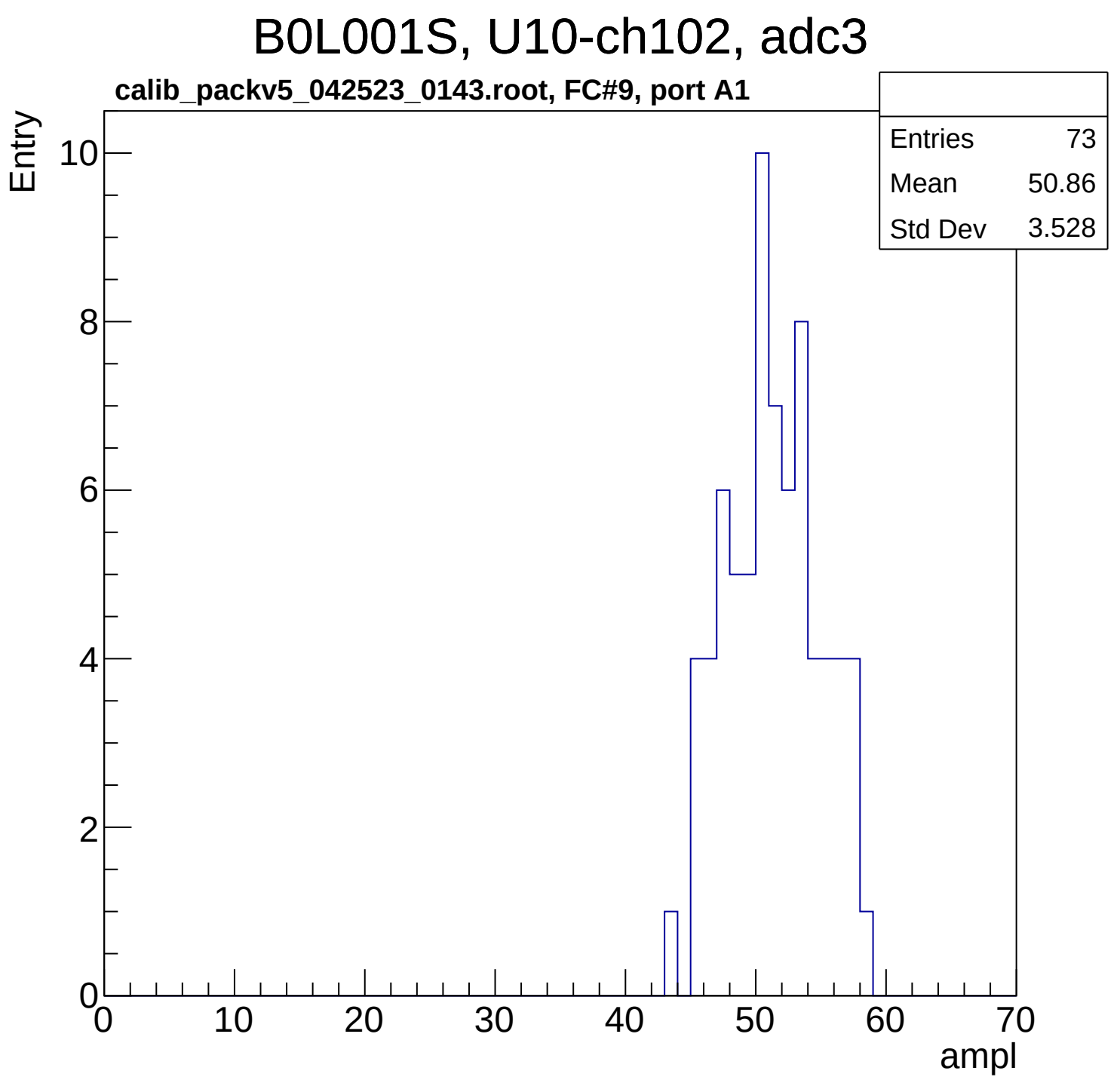
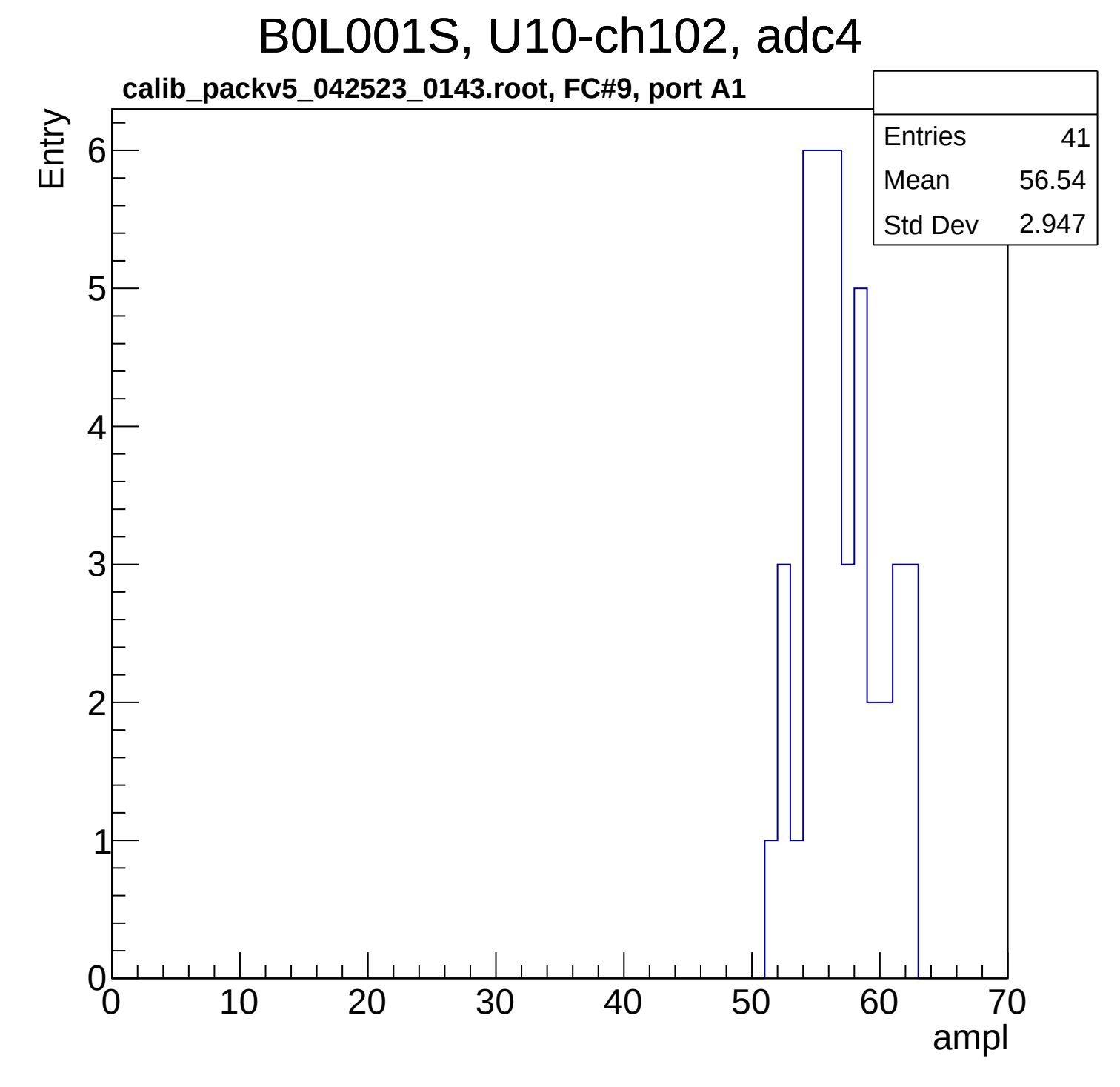
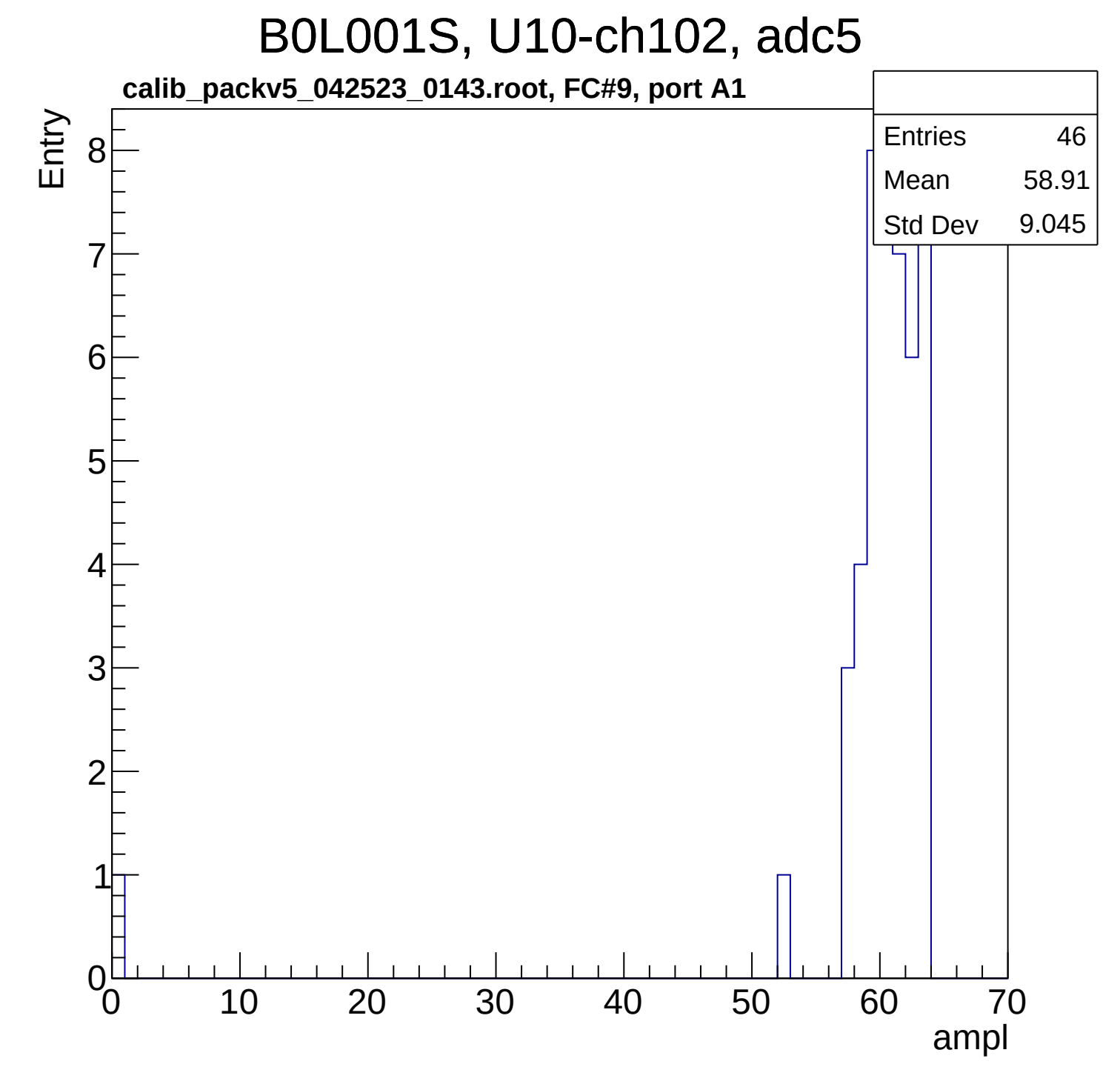

B0L001S, U10-ch102, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 50.86
Std Dev 3.528
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch102, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 56.54
Std Dev 2.947
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B0L001S, U10-ch102, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 58.91
Std Dev 9.045
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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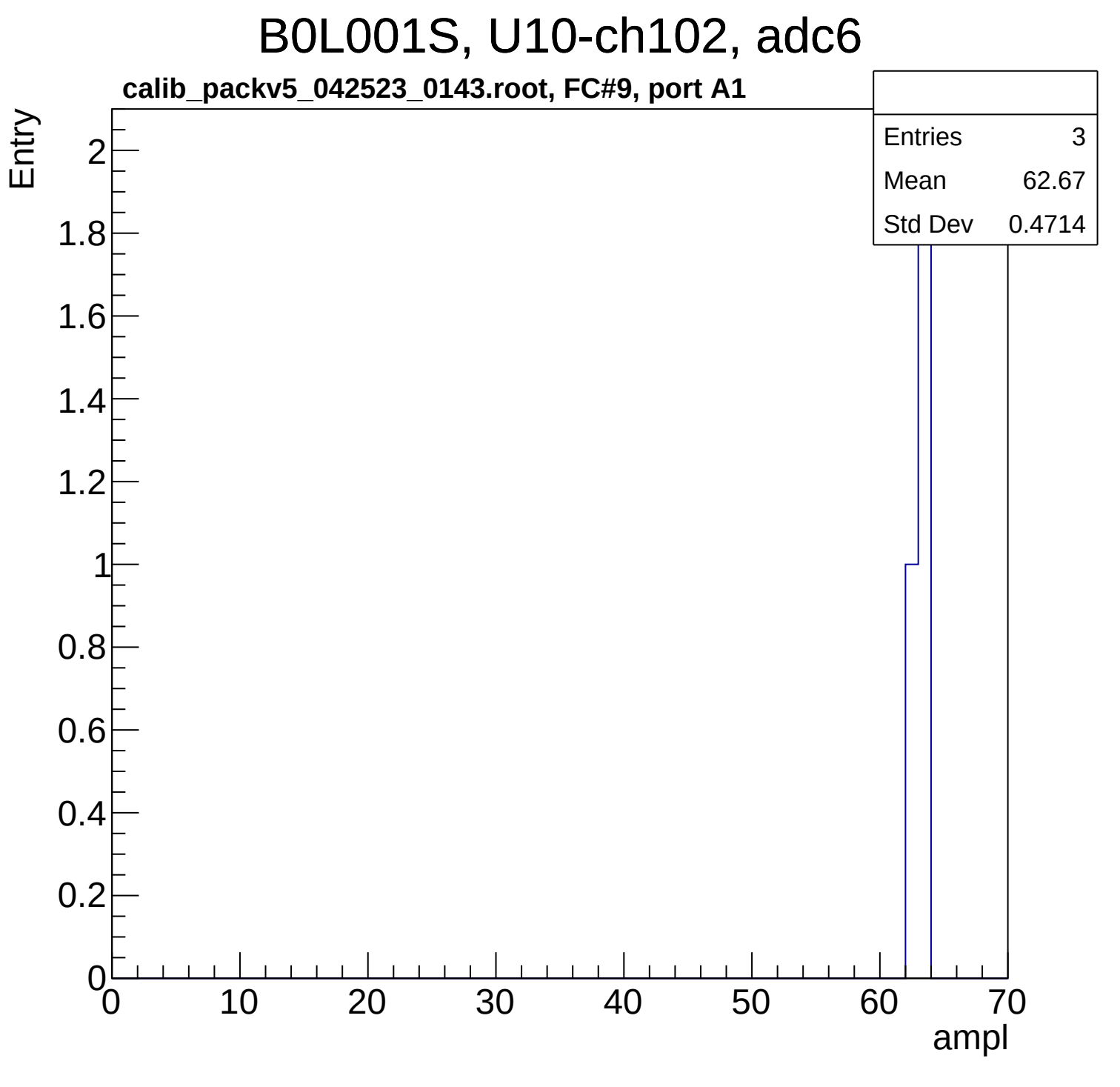
B0L001S, U10-ch102, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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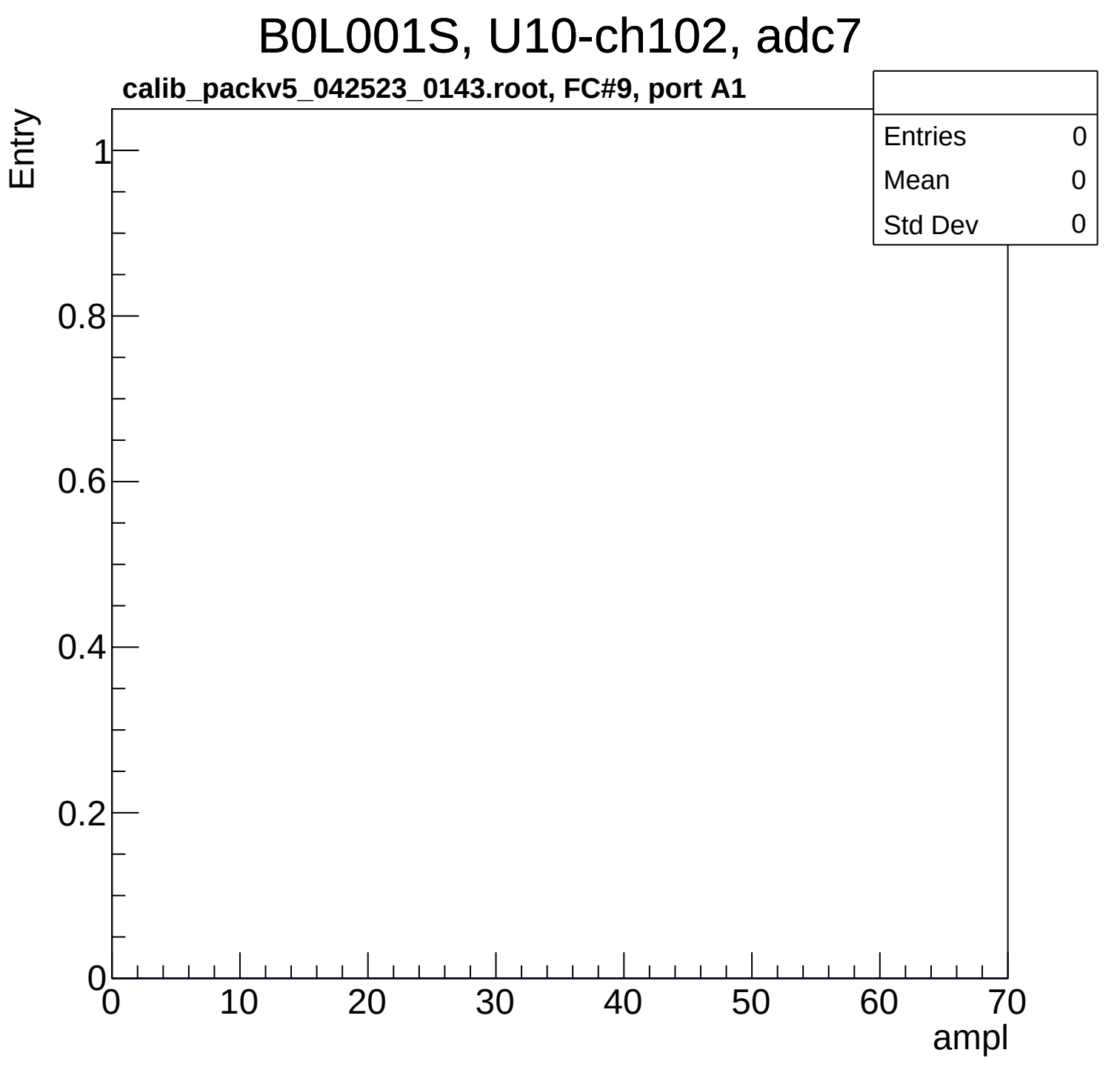
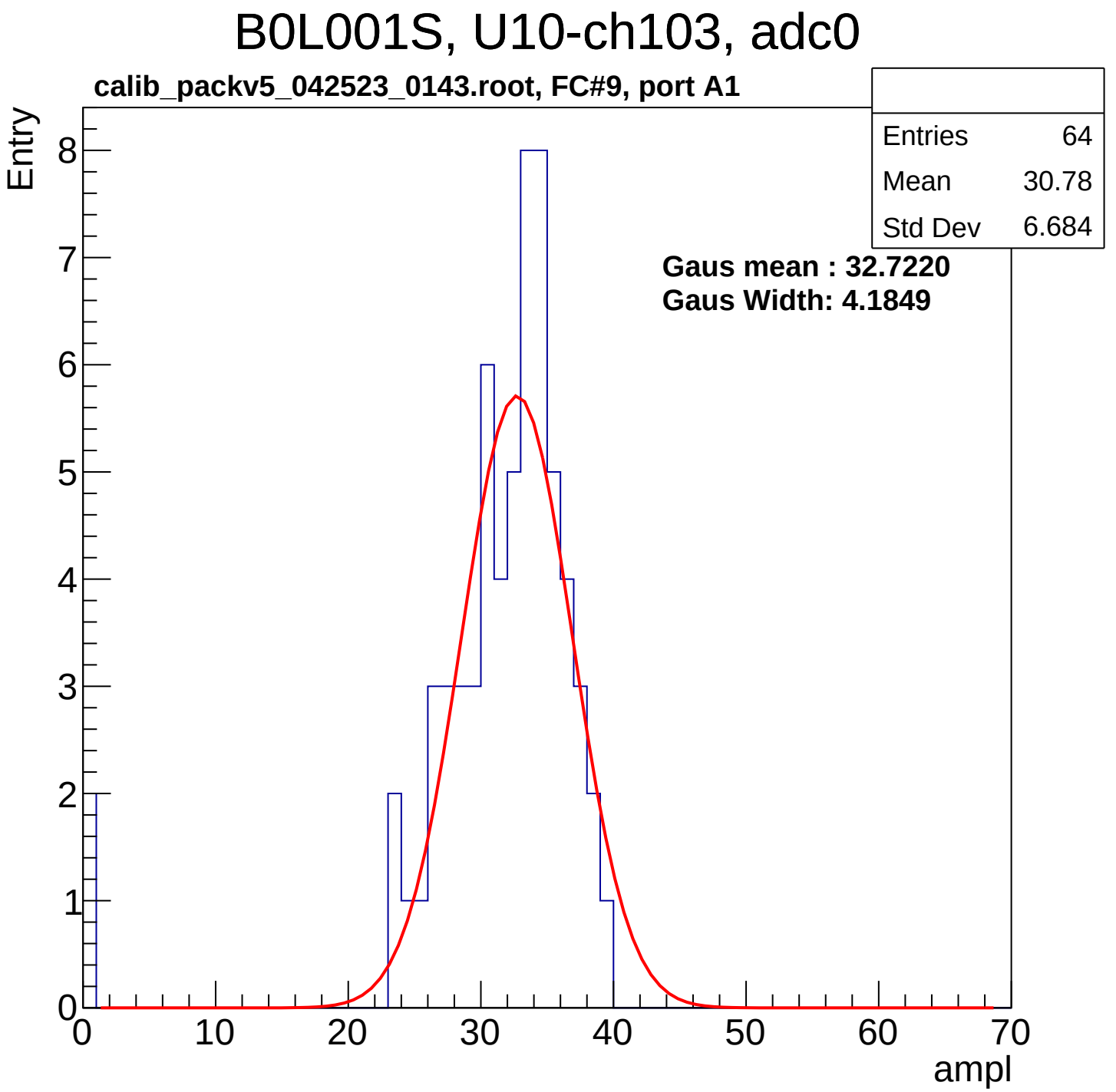
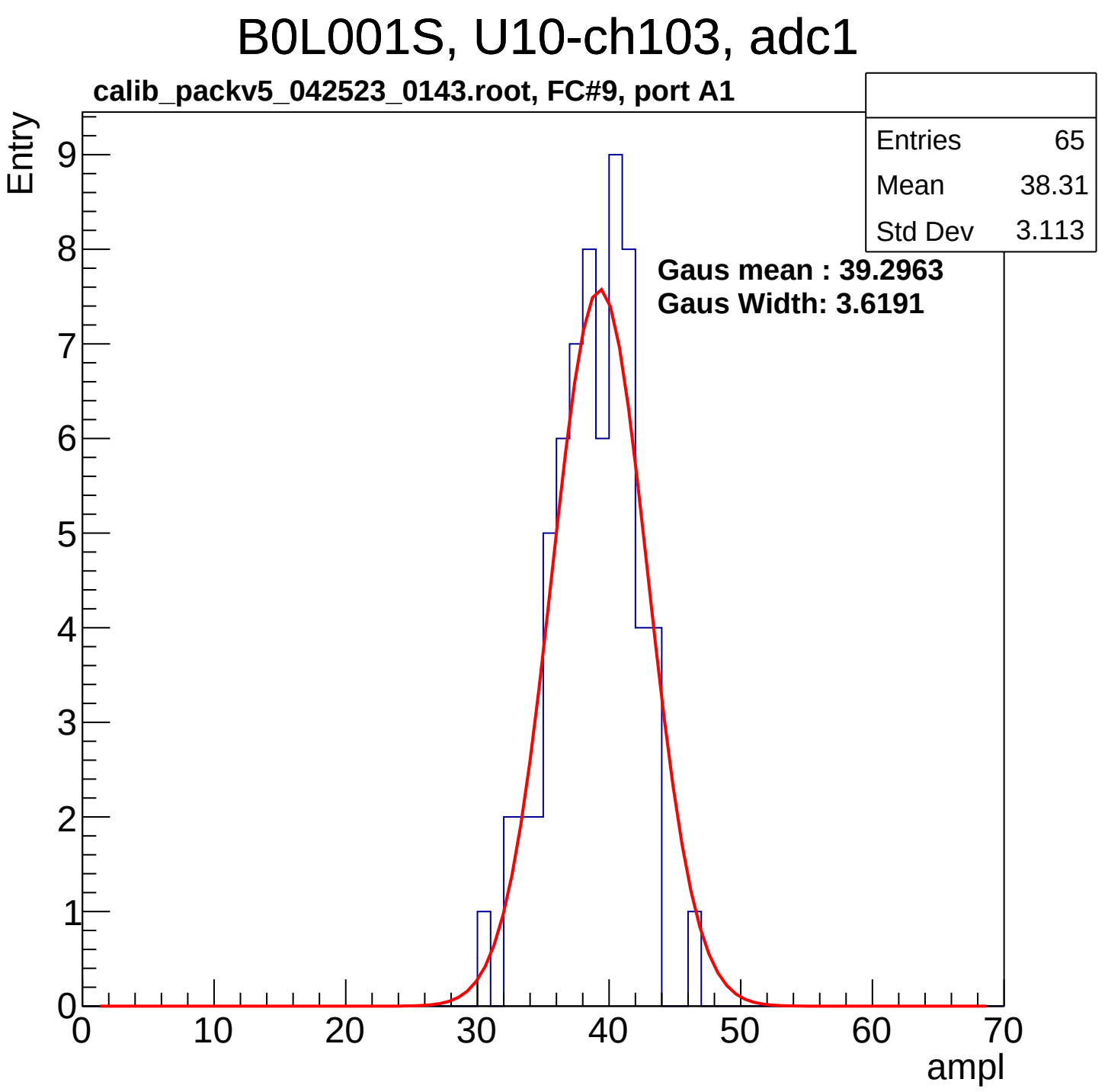
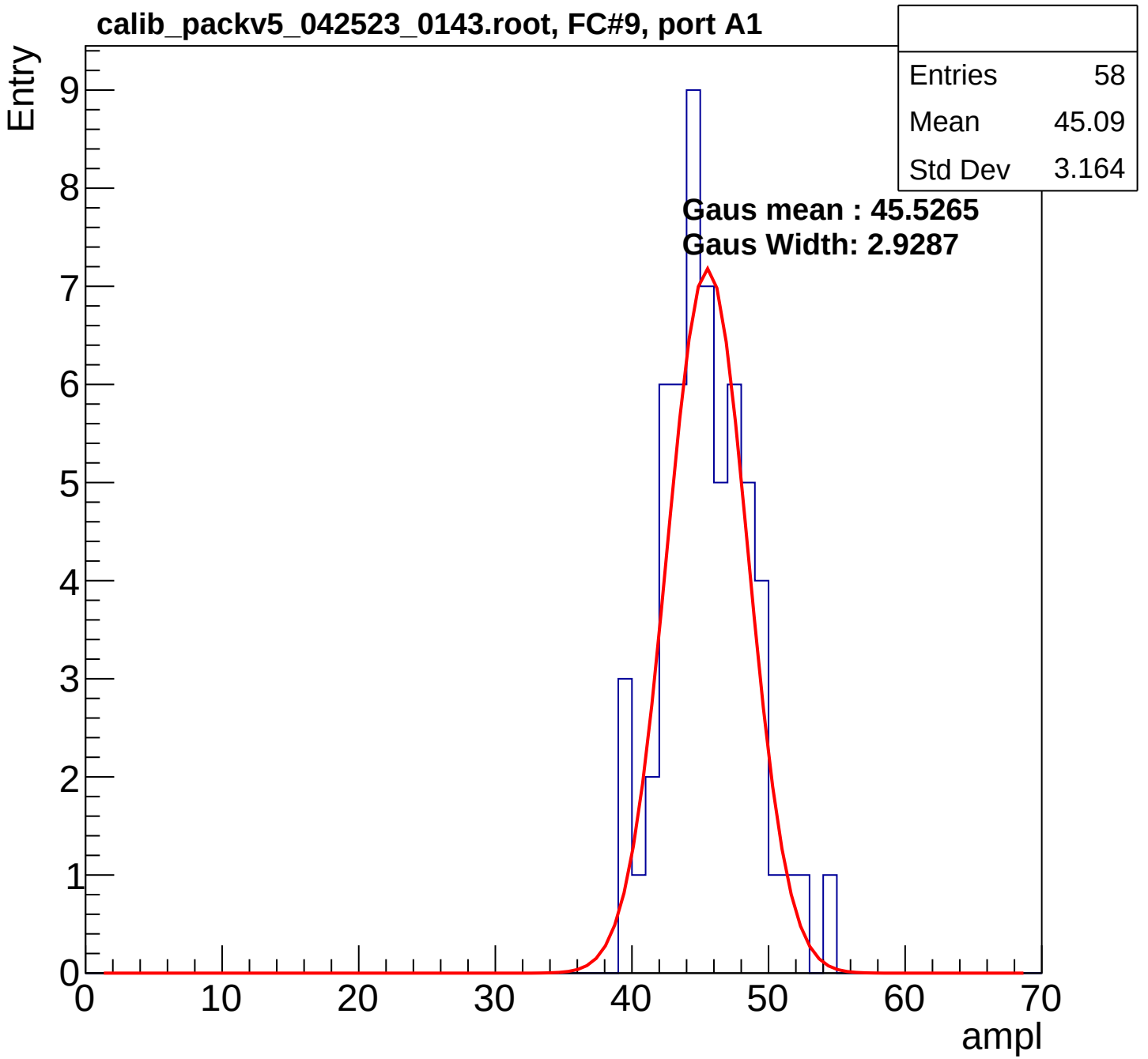
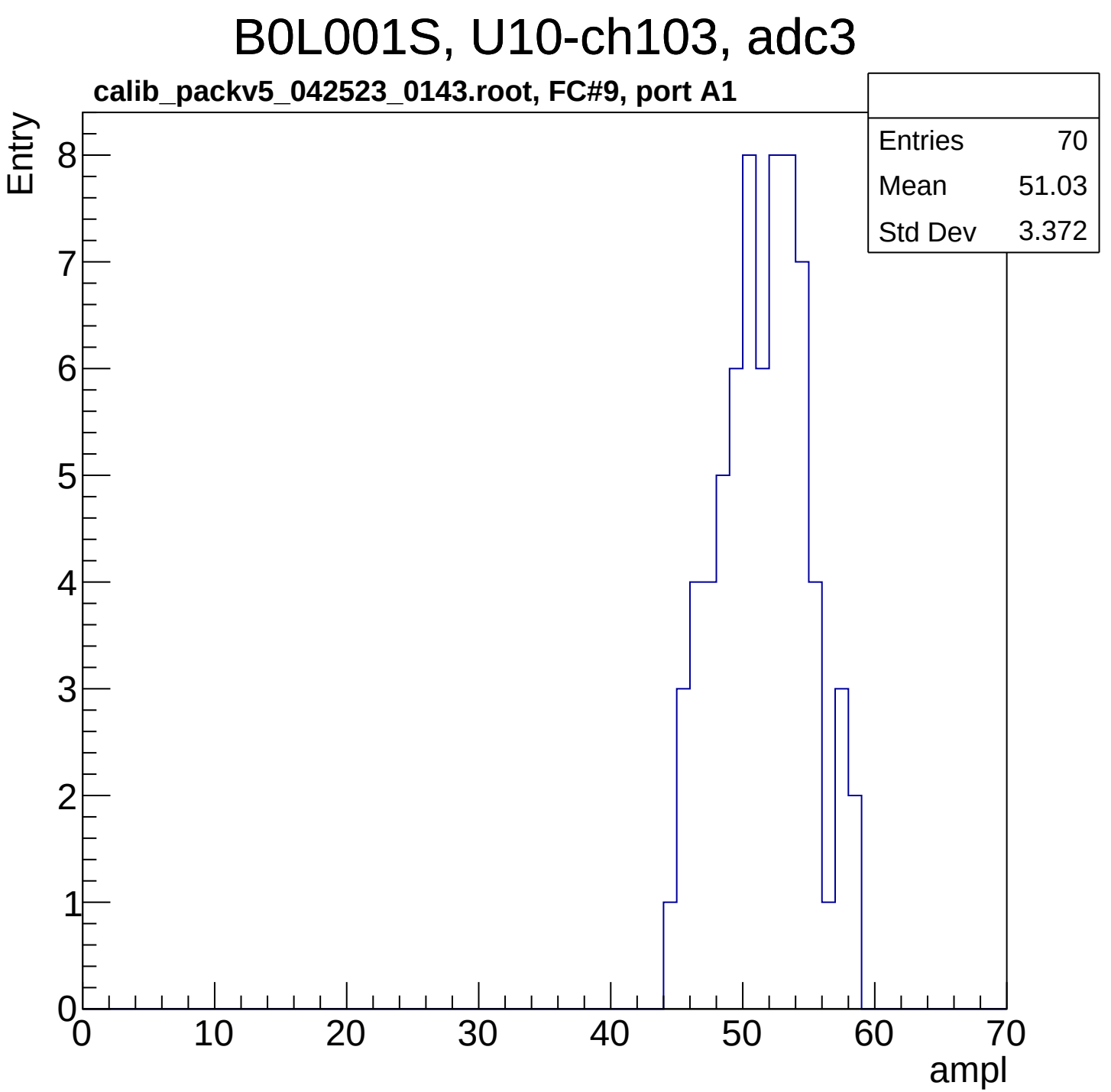

B0L001S, U10-ch102, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch103, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 30.78
Std Dev 6.684
Gaus mean : 32.7220
Gaus Width: 4.1849
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch103, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 38.31
Std Dev 3.113
Gaus mean : 39.2963
Gaus Width: 3.6191
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B0L001S, U10-ch103, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 45.09
Std Dev 3.164
Gaus mean : 45.5265
Gaus Width: 2.9287
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch103, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 51.03
Std Dev 3.372
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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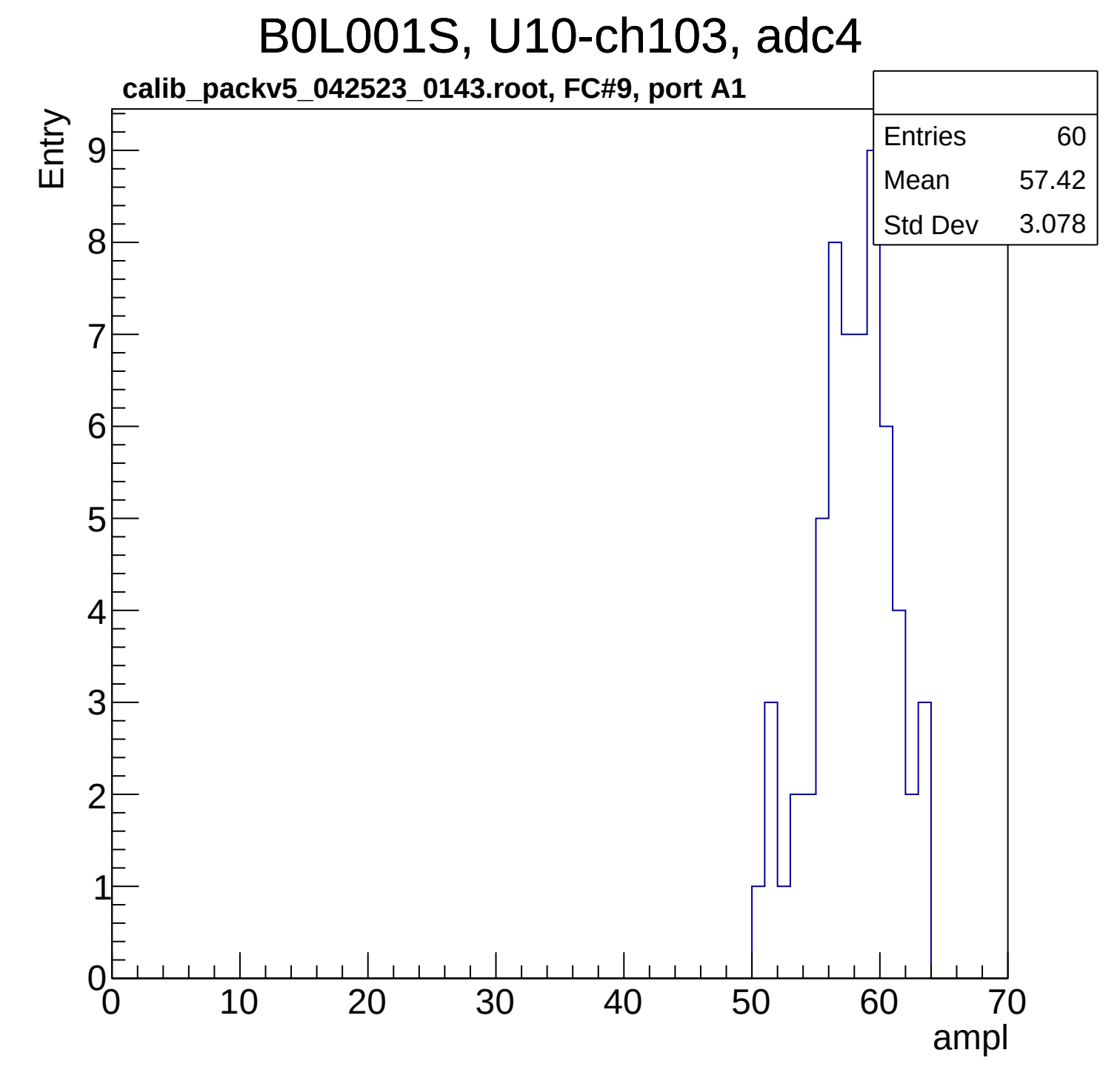
40
50
60
70


B0L001S, U10-ch103, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 57.42
Std Dev 3.078
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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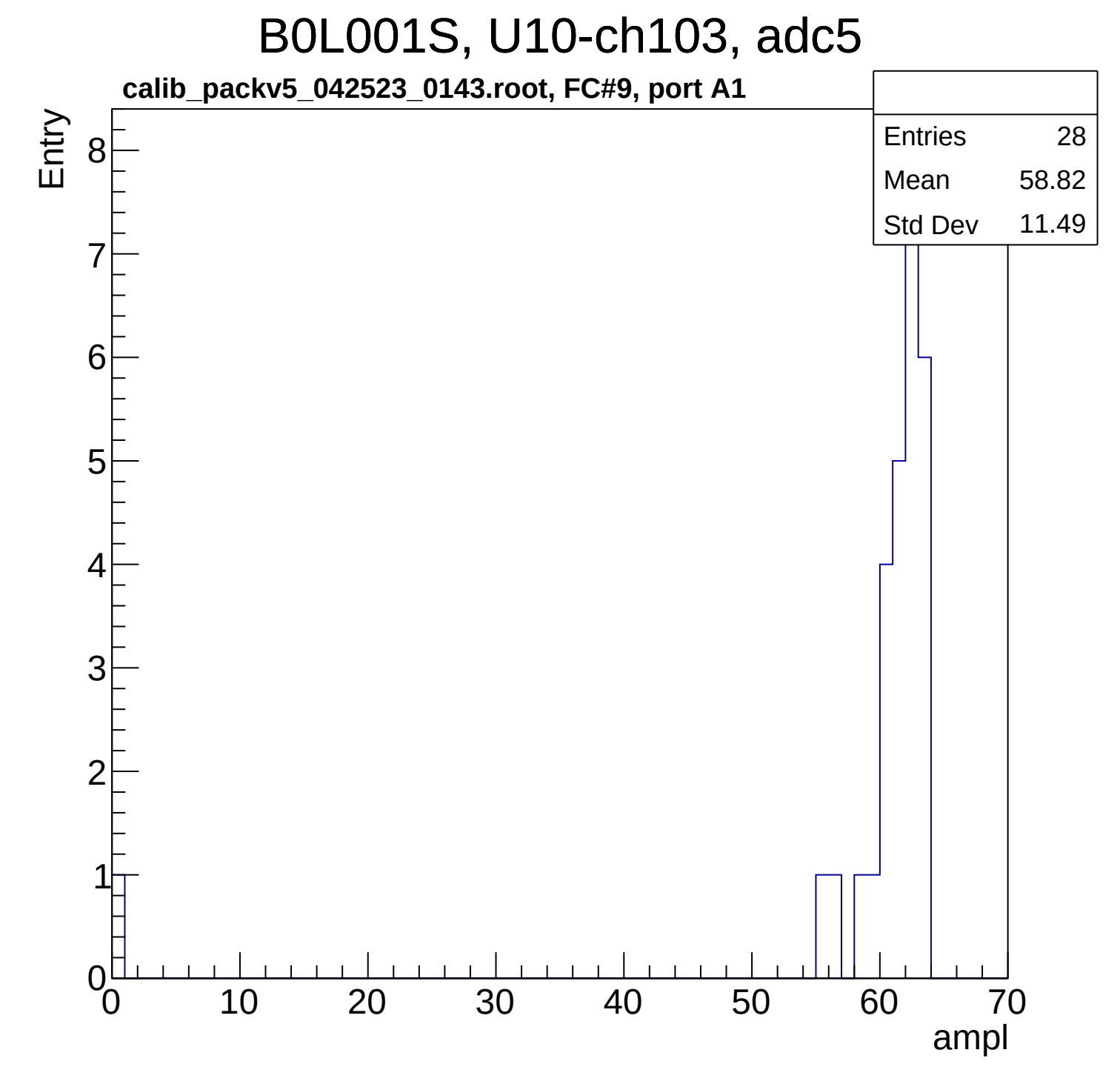
B0L001S, U10-ch103, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 58.82
Std Dev 11.49
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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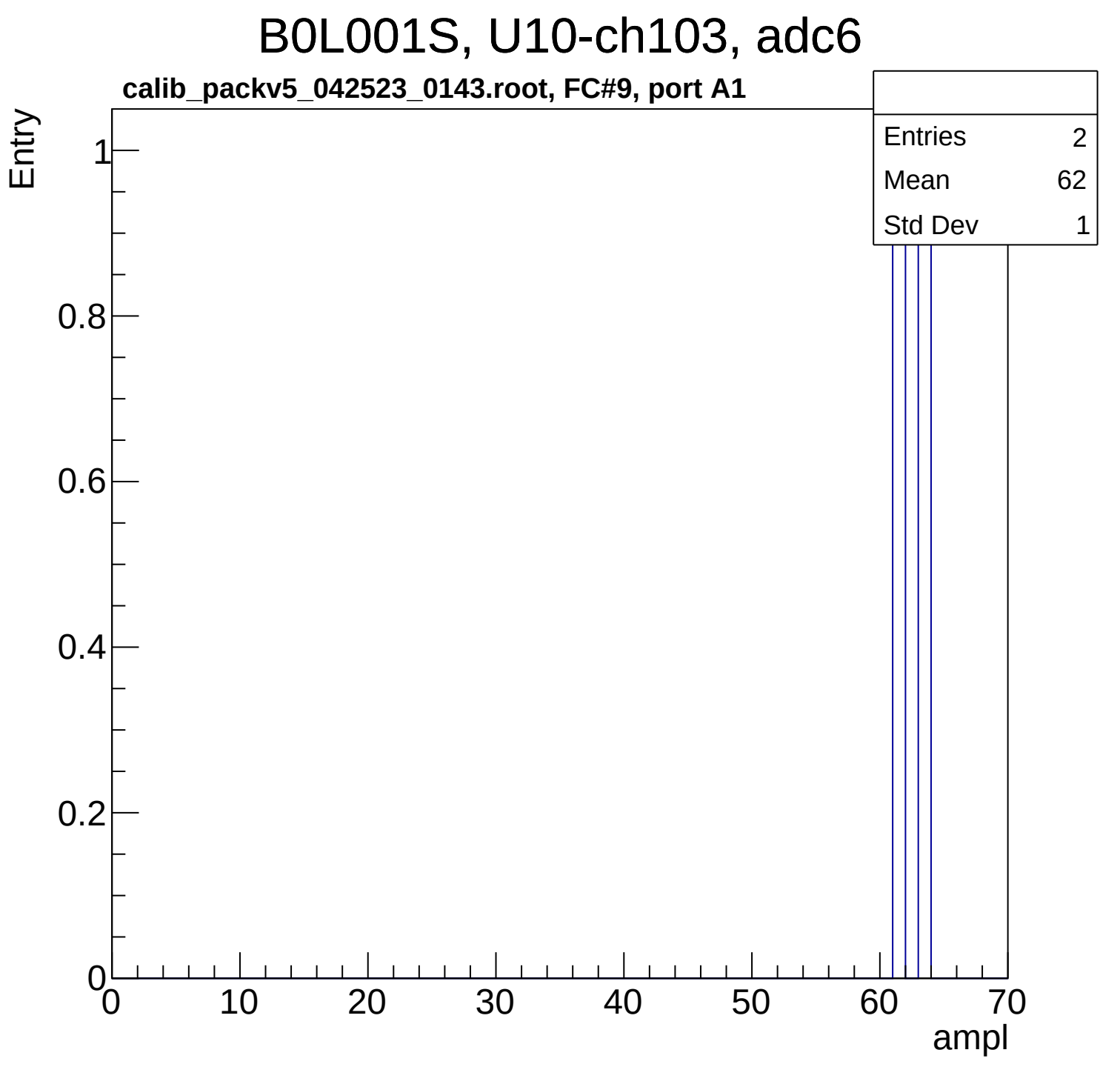
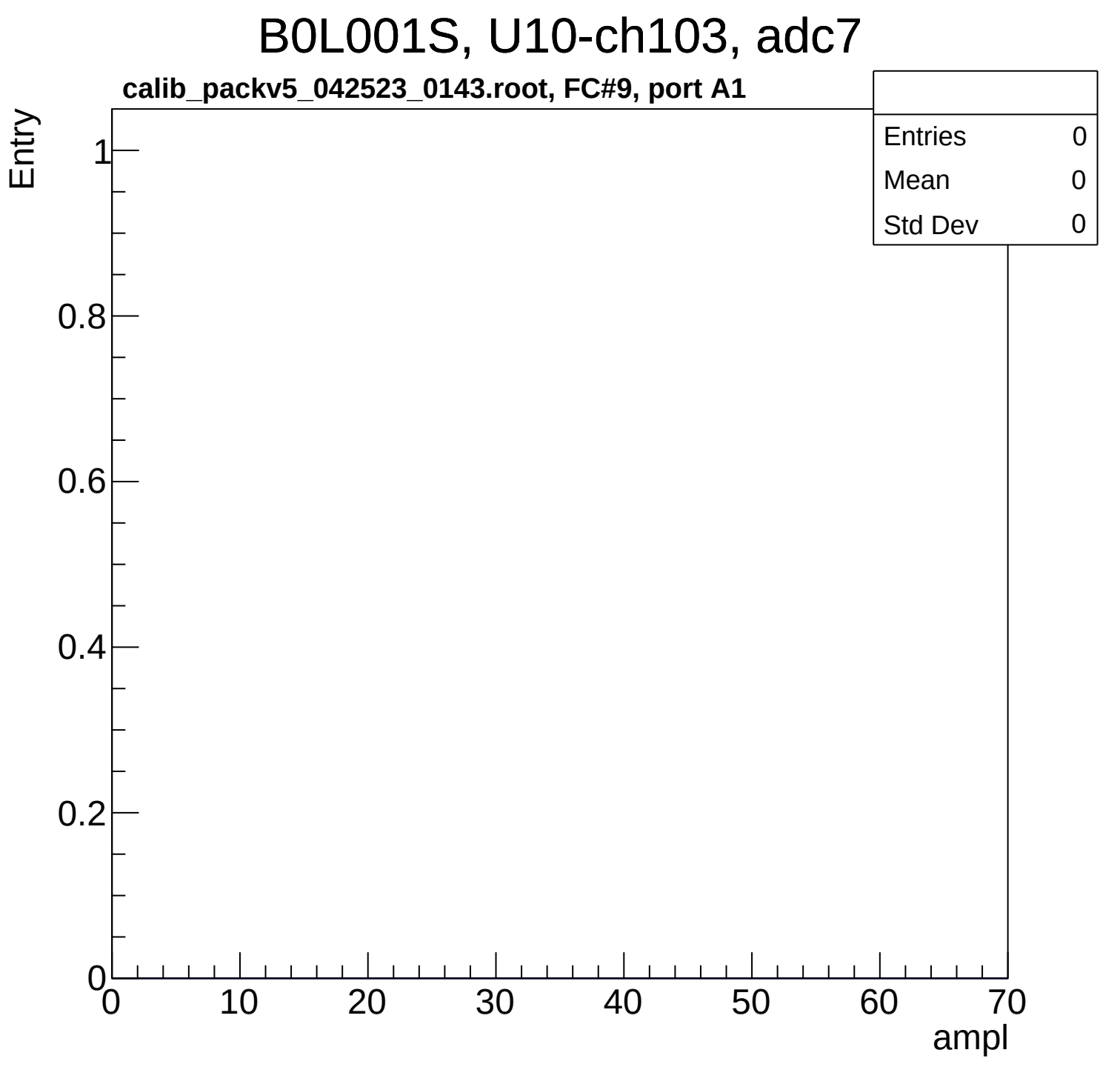

B0L001S, U10-ch103, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch103, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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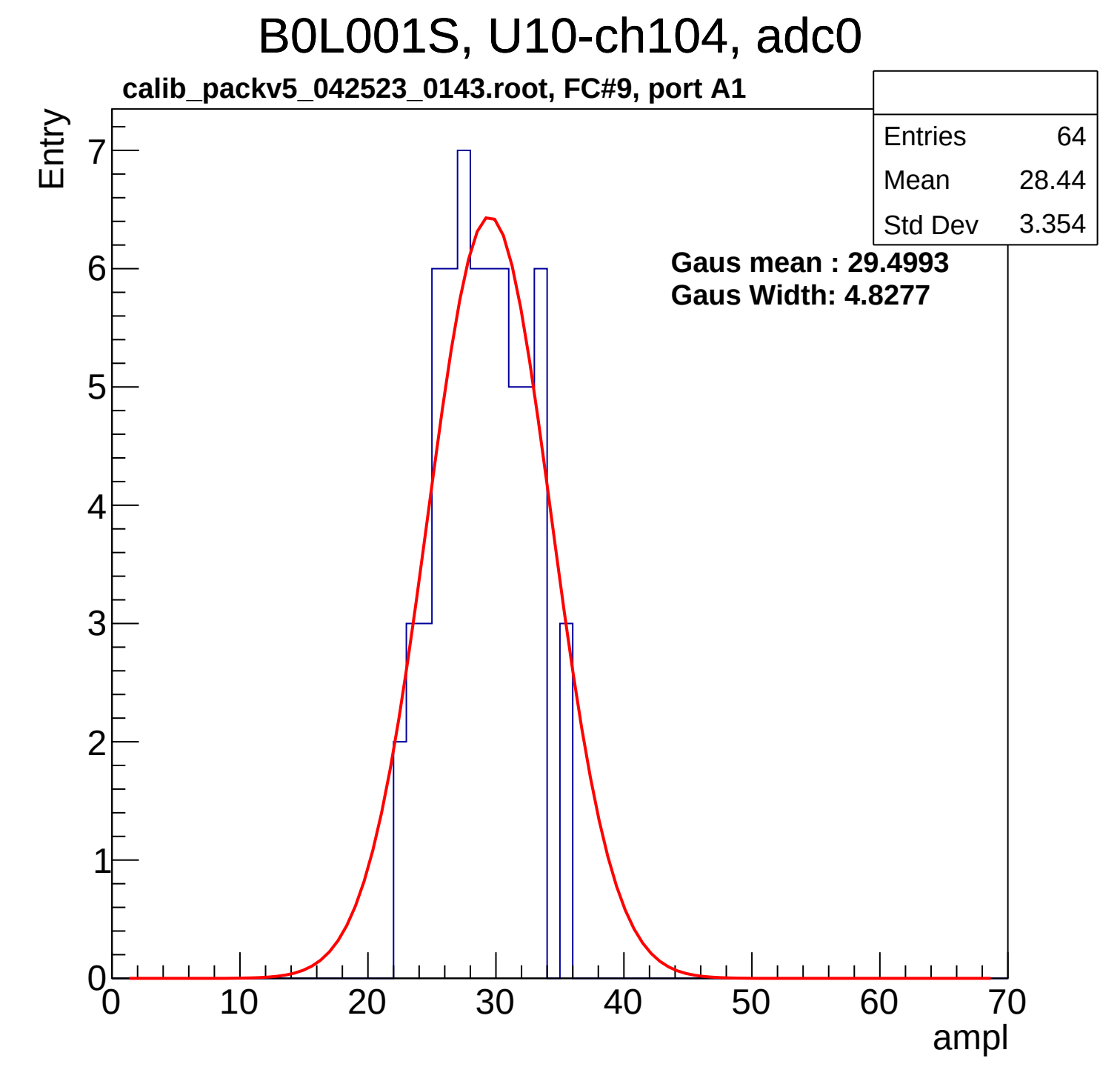
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch104, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 28.44
Std Dev 3.354
Gaus mean : 29.4993
Gaus Width: 4.8277
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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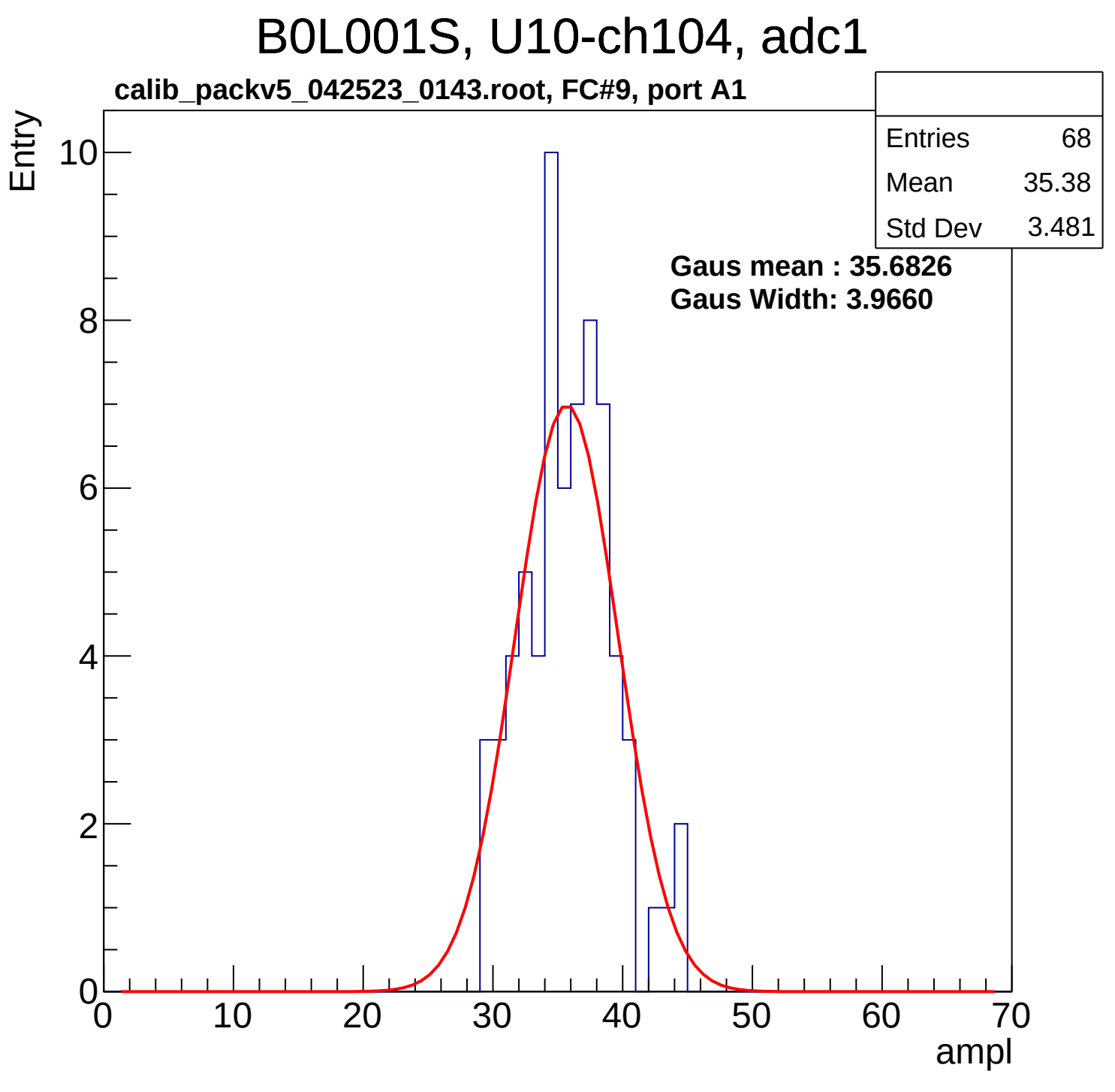
B0L001S, U10-ch104, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 35.38
Std Dev 3.481
Gaus mean : 35.6826
Gaus Width: 3.9660
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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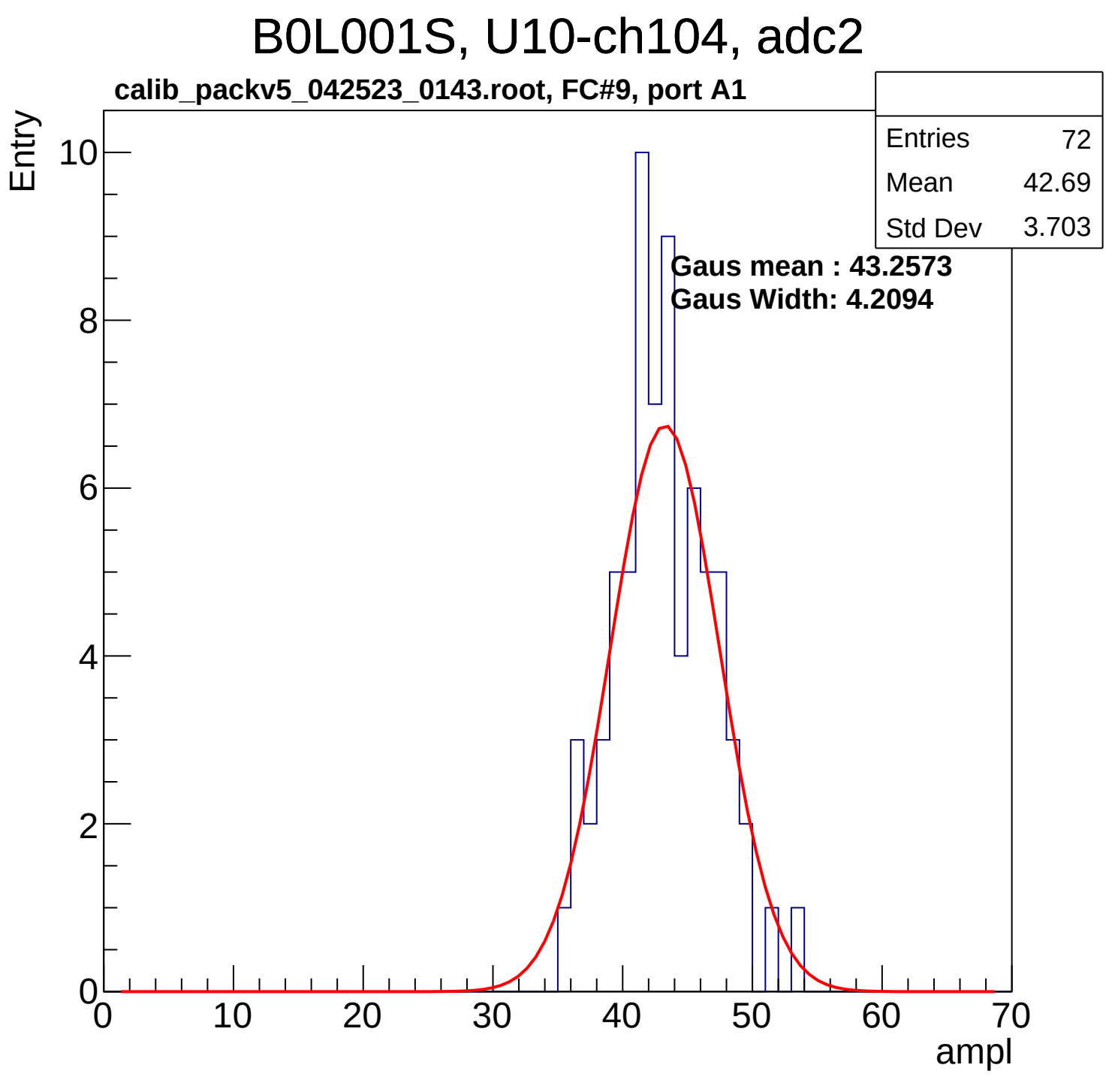
B0L001S, U10-ch104, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 42.69
Std Dev 3.703
Gaus mean : 43.2573
Gaus Width: 4.2094
Entry
ampl
0
2
4
6
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0
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60
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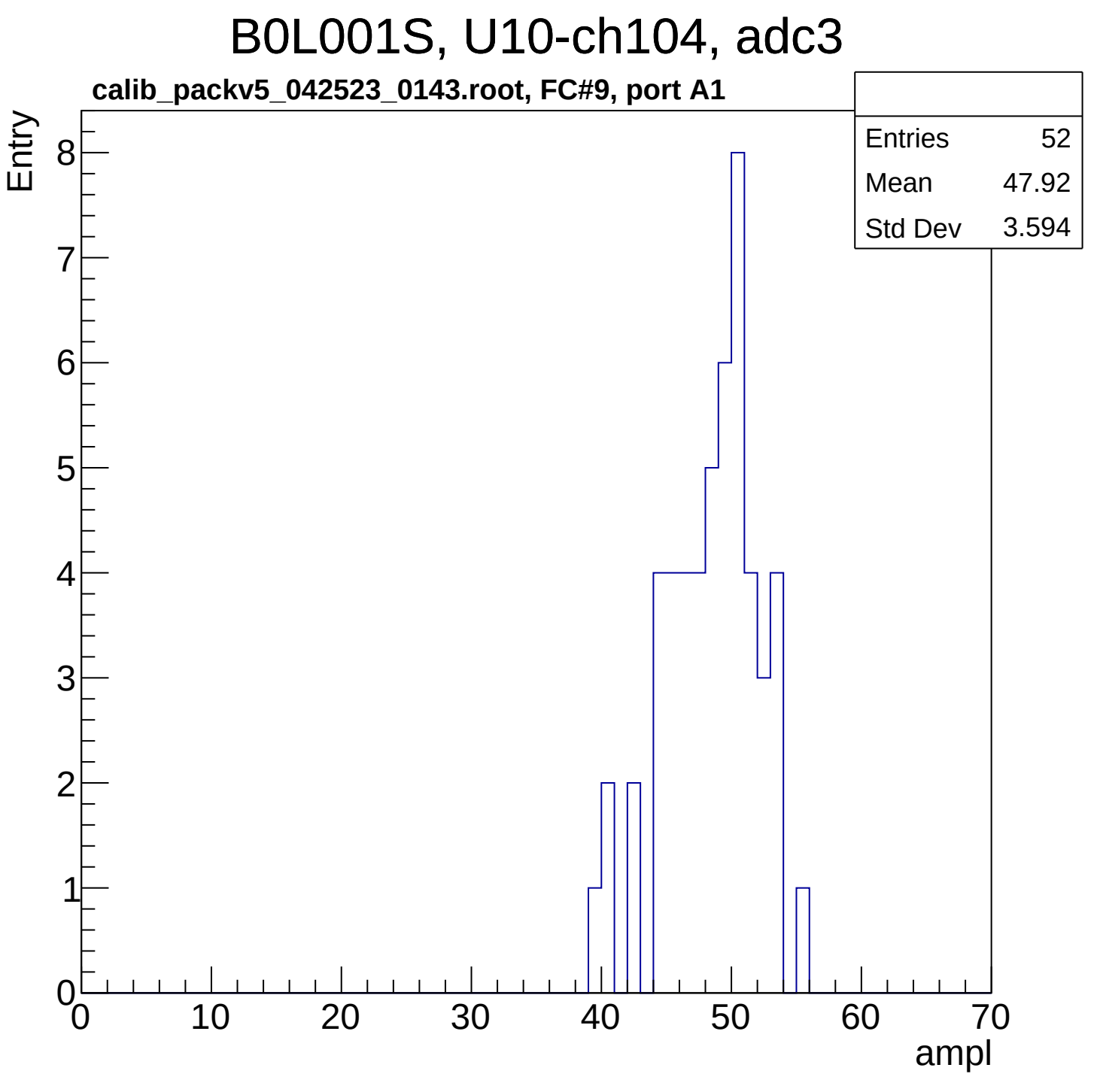
B0L001S, U10-ch104, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 47.92
Std Dev 3.594
Entry
ampl
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1
2
3
4
5
6
7
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60
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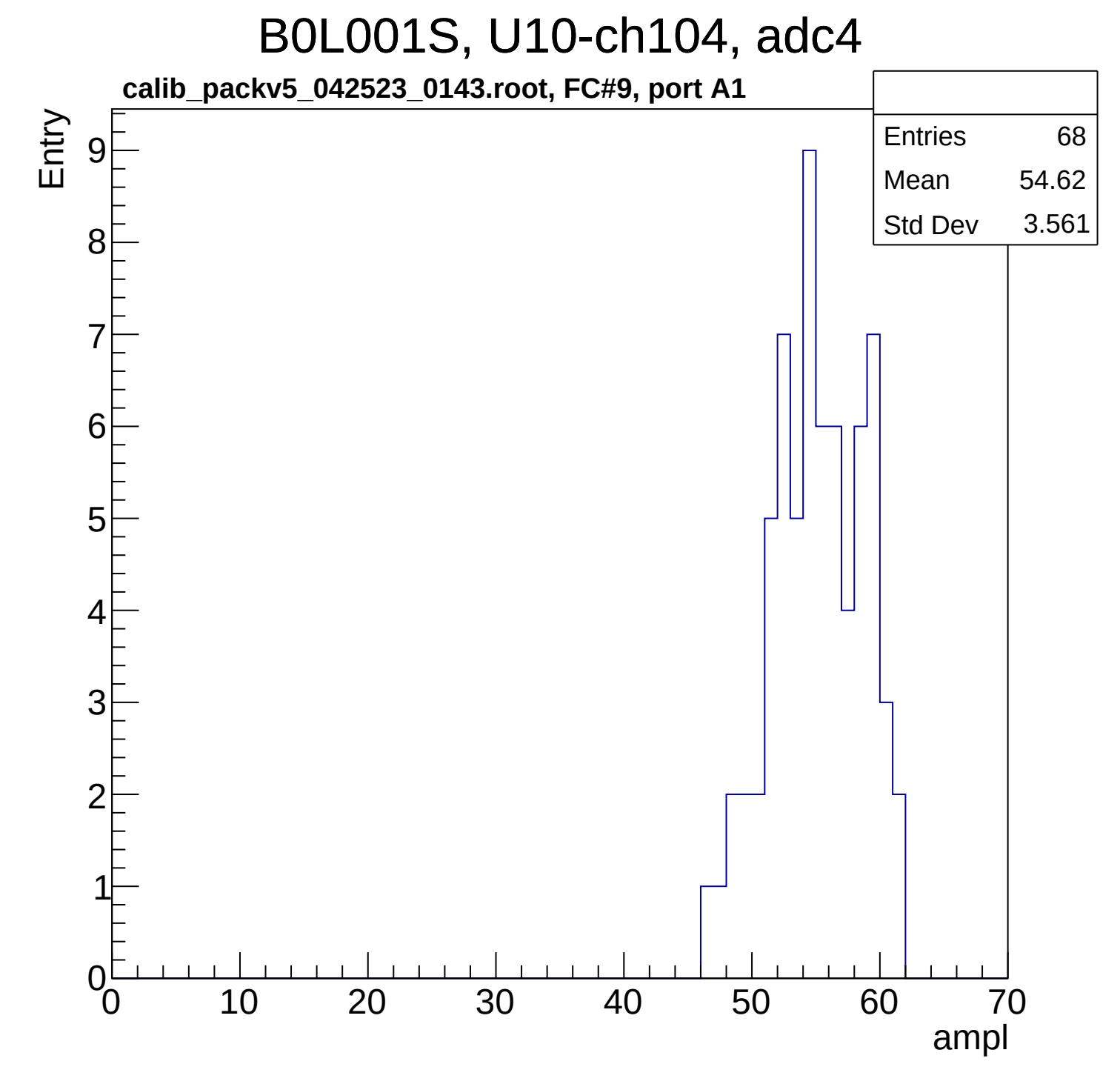
B0L001S, U10-ch104, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 54.62
Std Dev 3.561
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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60
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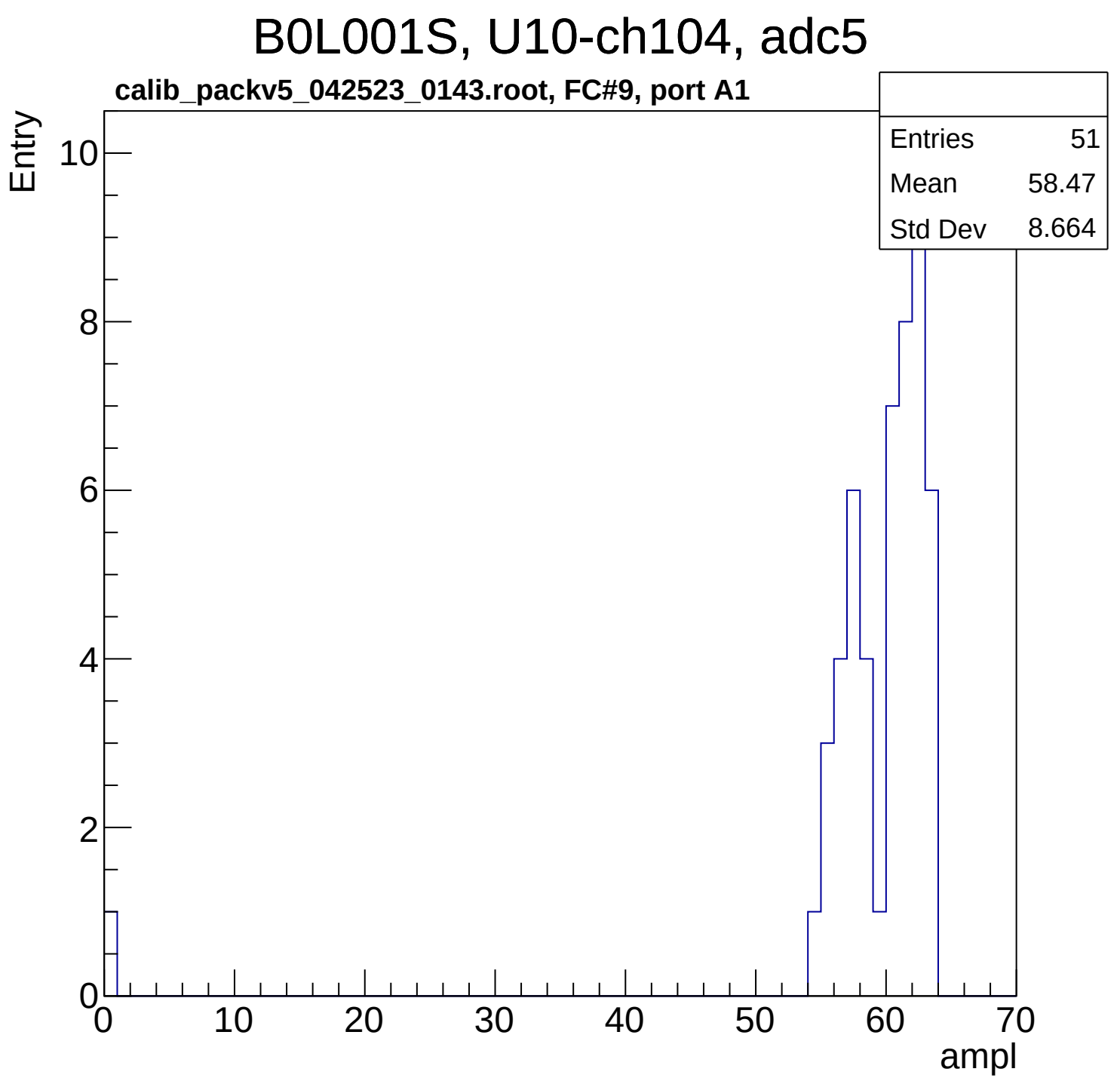
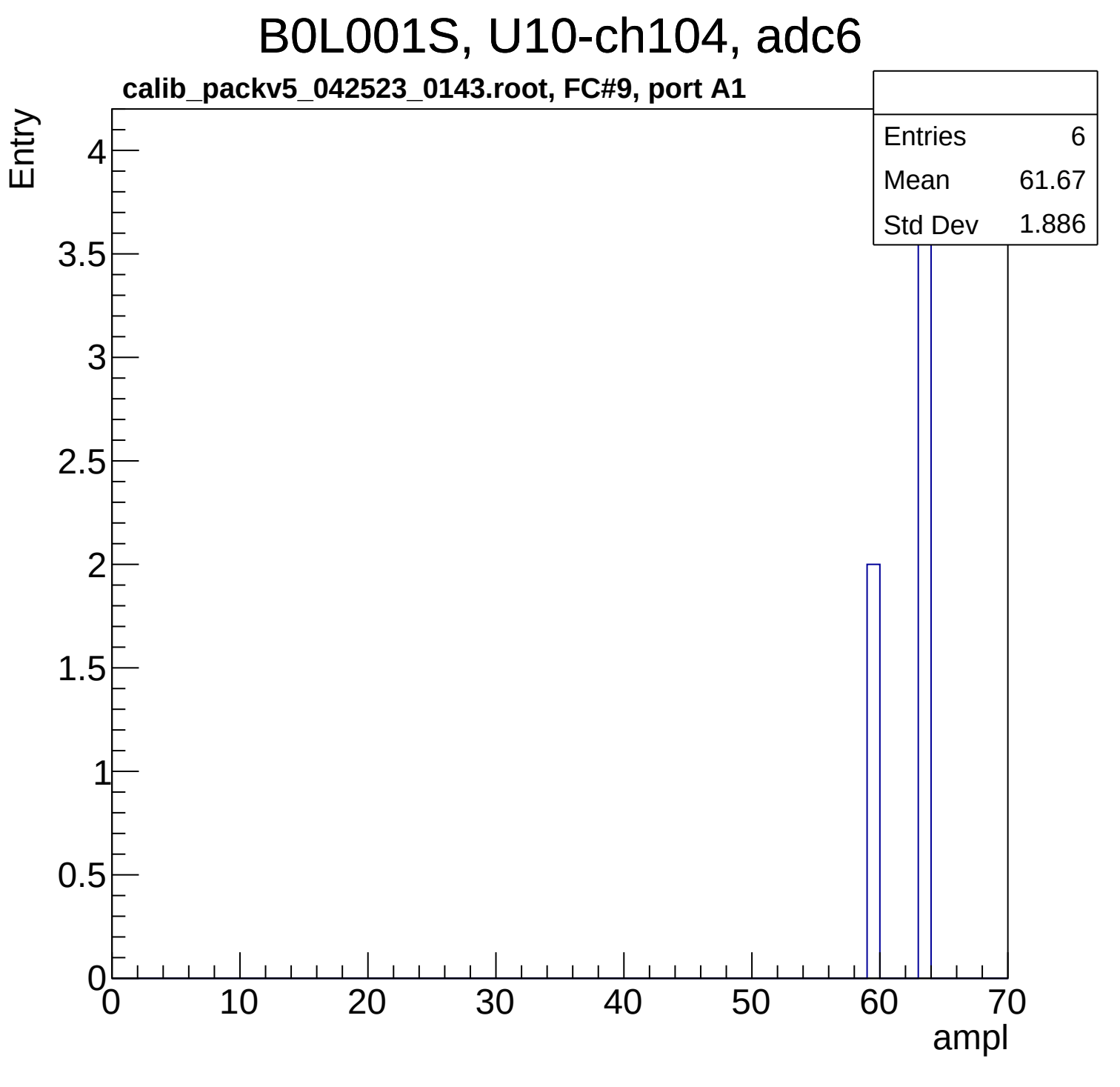

B0L001S, U10-ch104, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 58.47
Std Dev 8.664
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch104, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 61.67
Std Dev 1.886
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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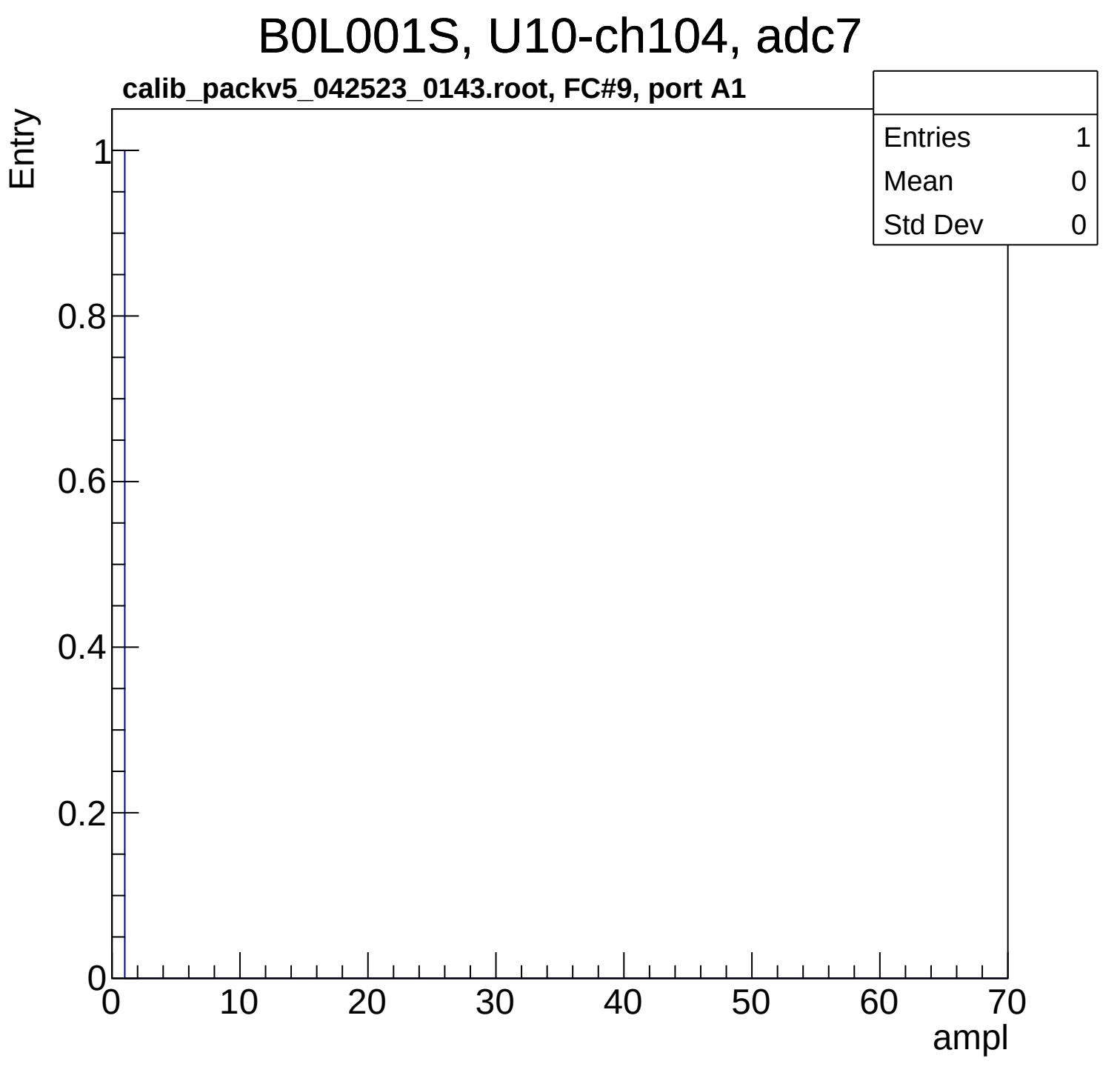
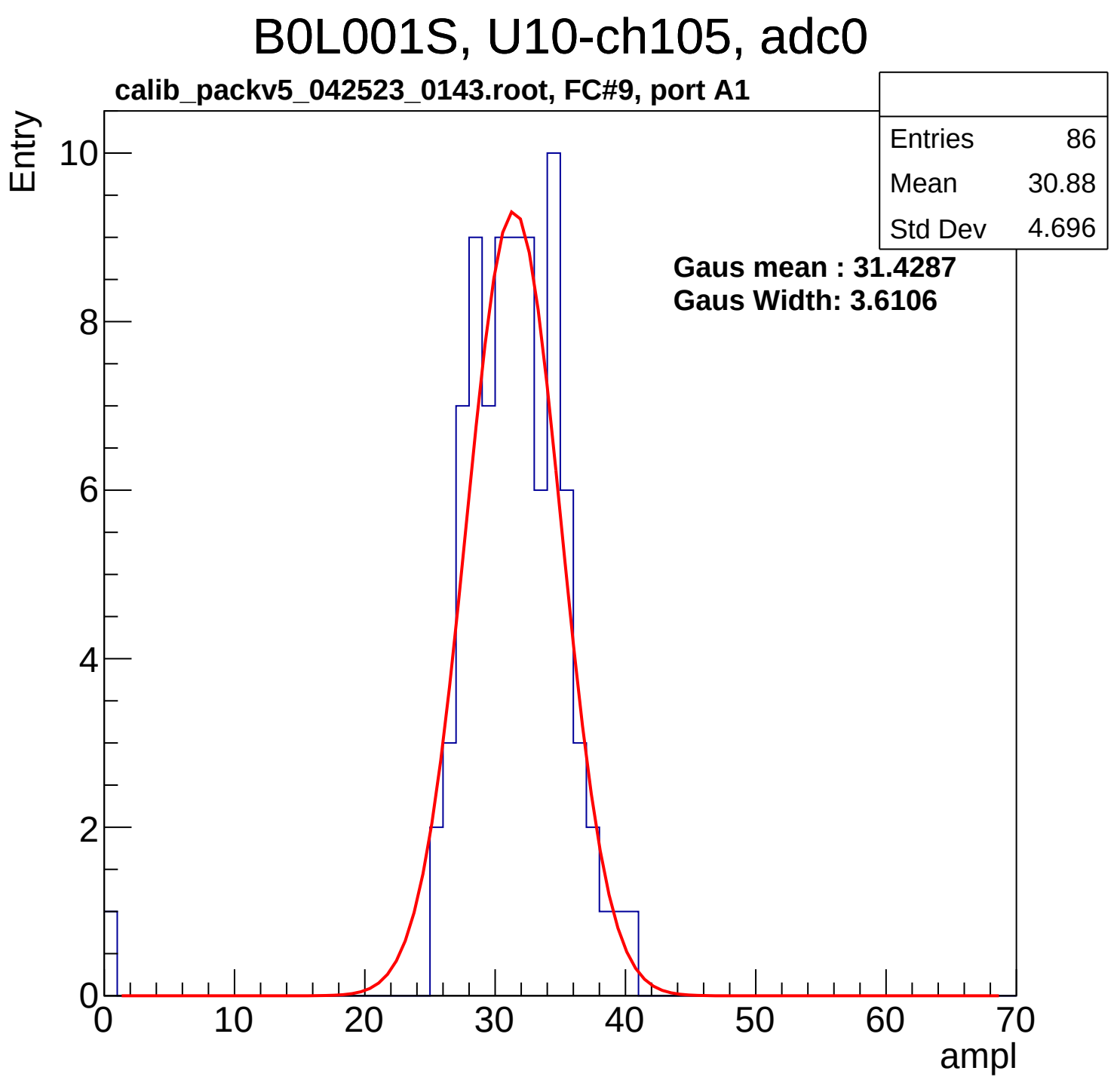
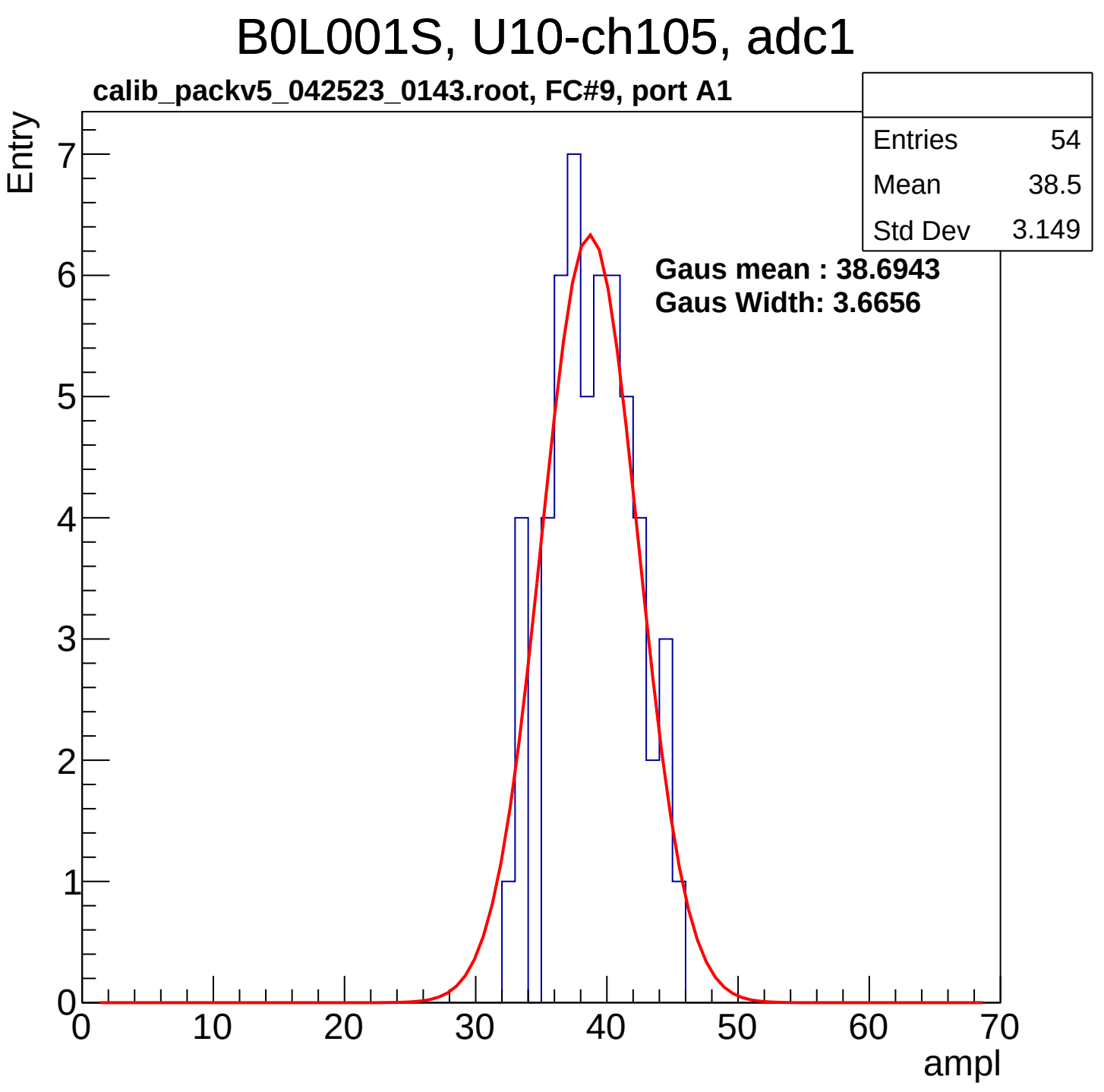

B0L001S, U10-ch104, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch105, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 86
Mean 30.88
Std Dev 4.696
Gaus mean : 31.4287
Gaus Width: 3.6106
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch105, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 38.5
Std Dev 3.149
Gaus mean : 38.6943
Gaus Width: 3.6656
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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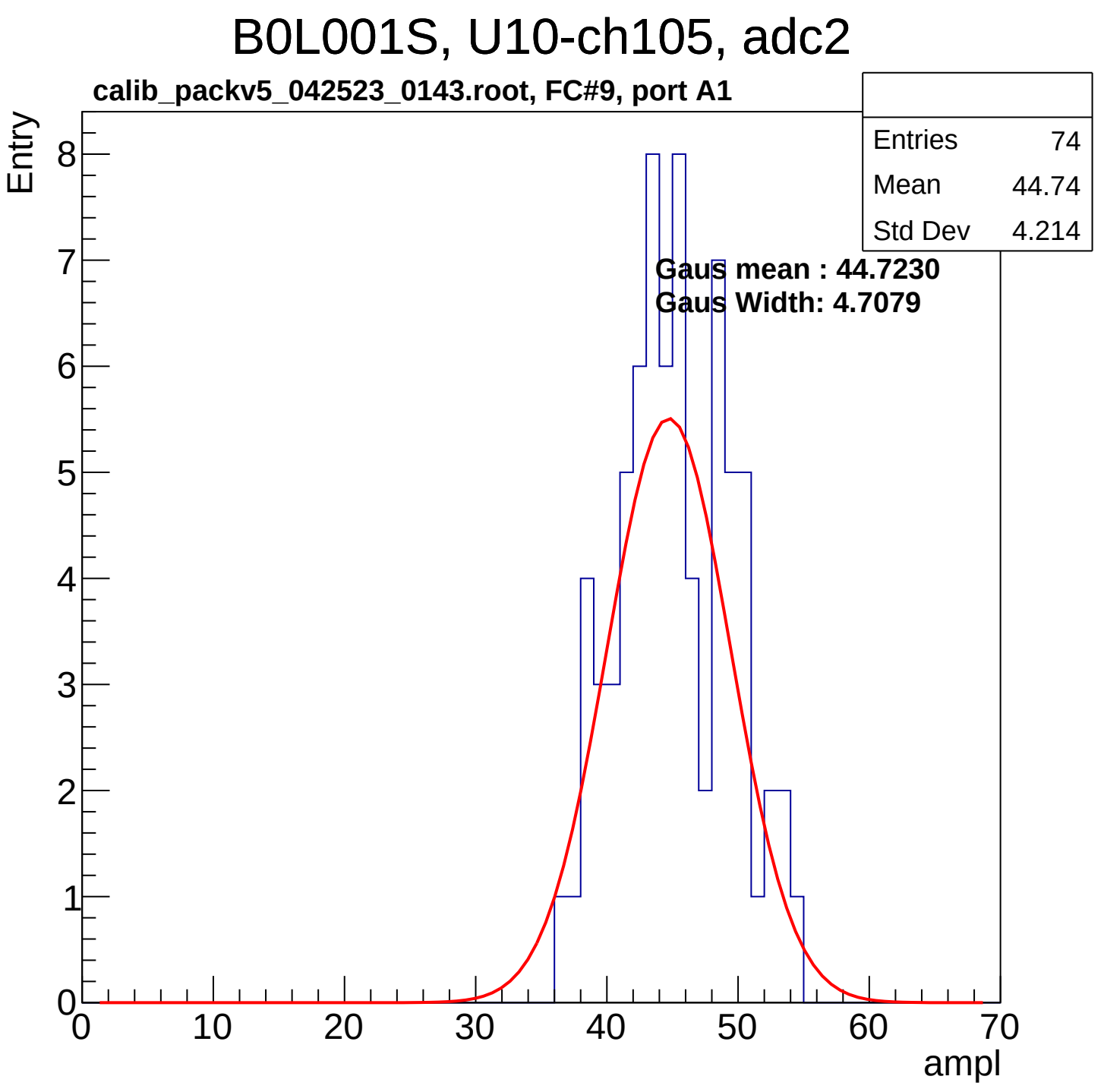
B0L001S, U10-ch105, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 44.74
Std Dev 4.214
Gaus mean : 44.7230
Gaus Width: 4.7079
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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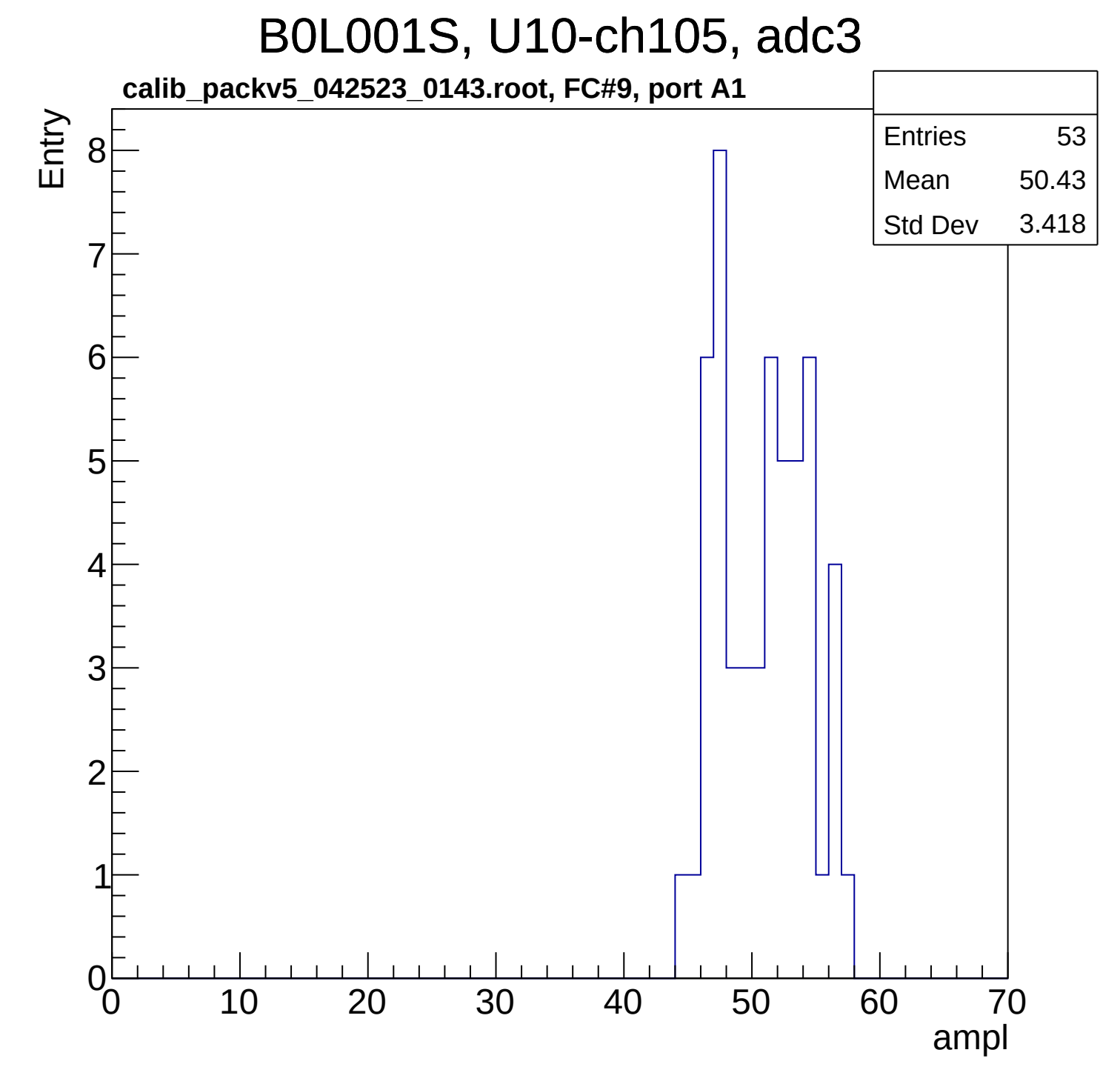
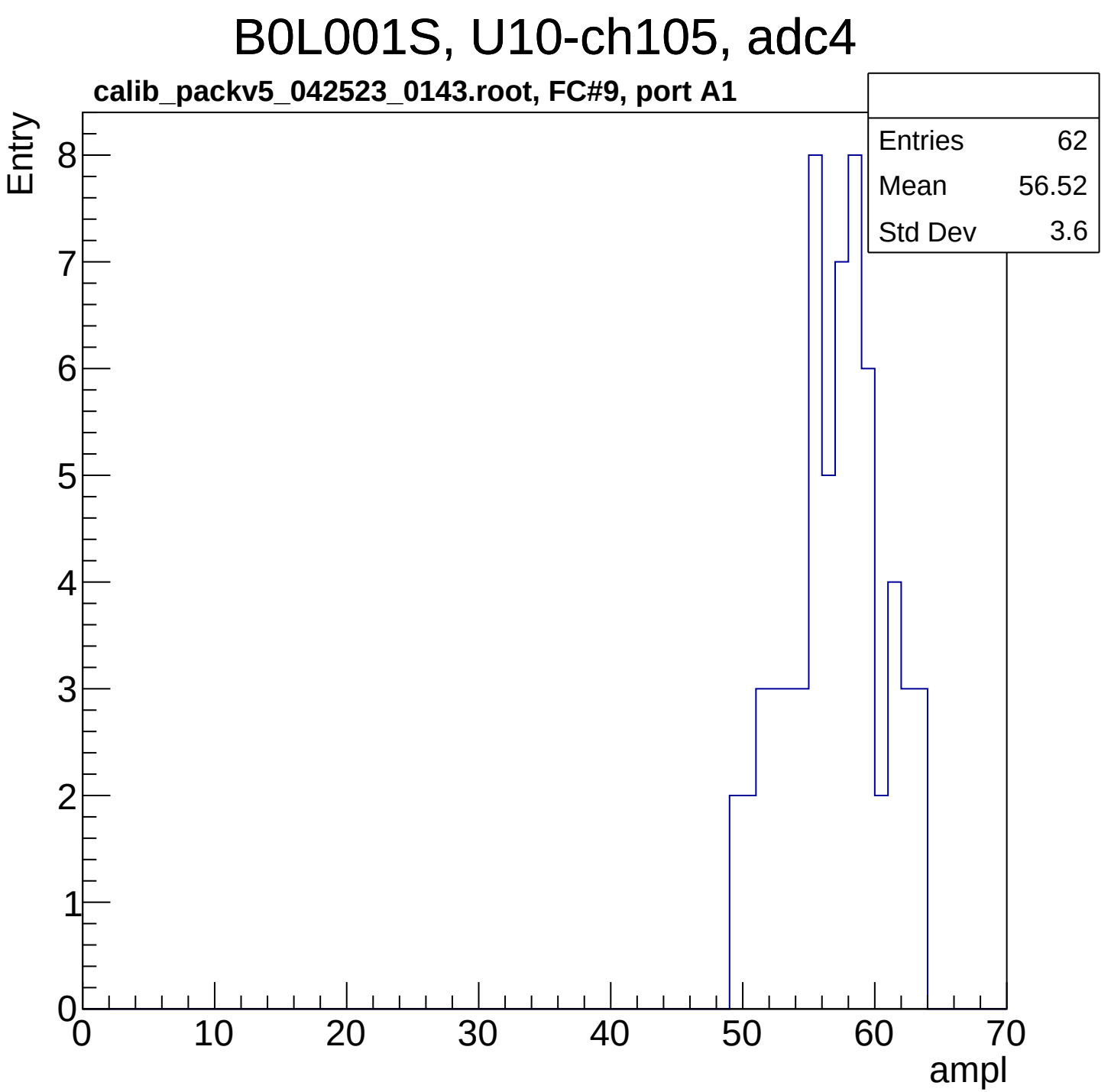
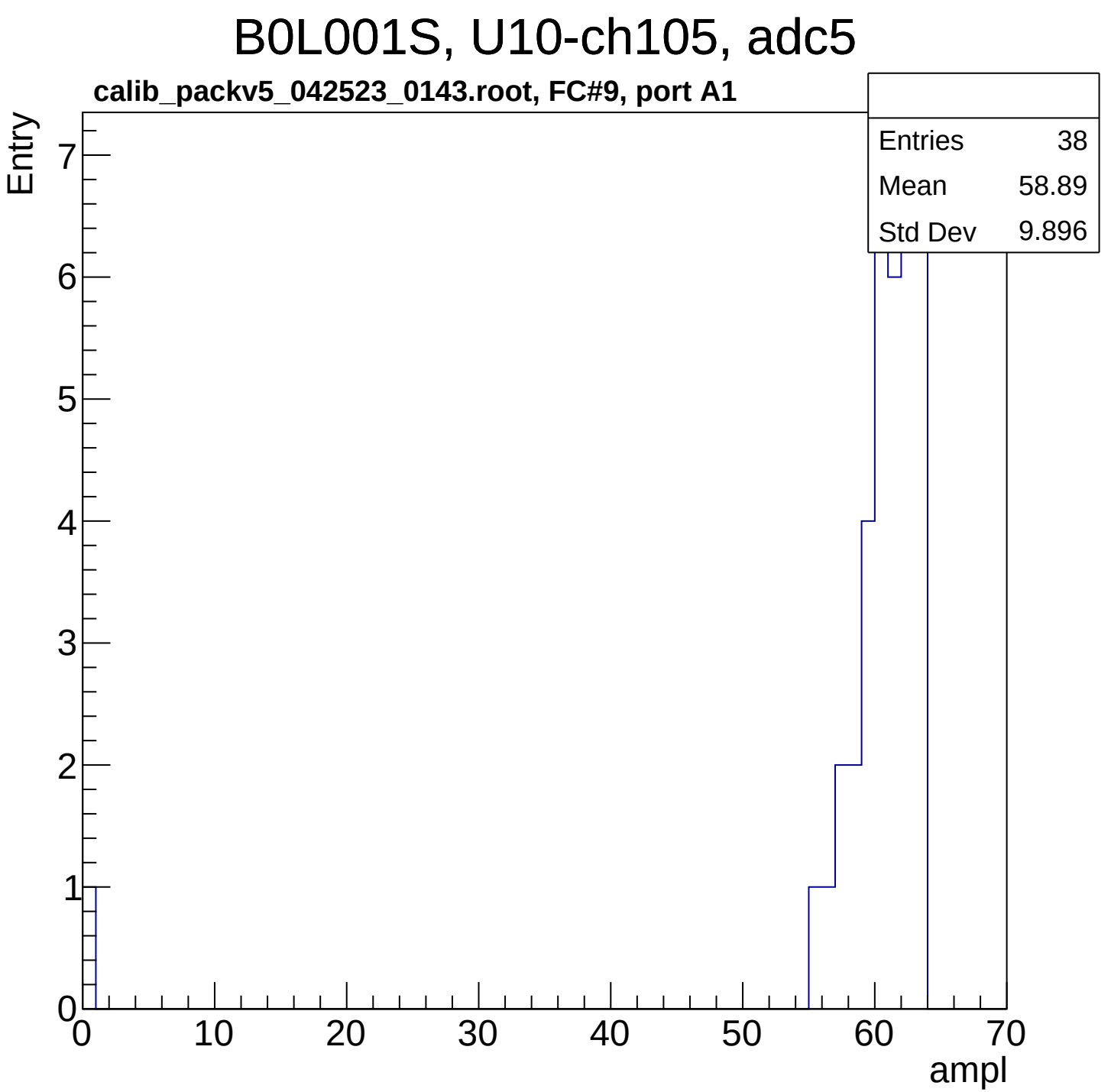
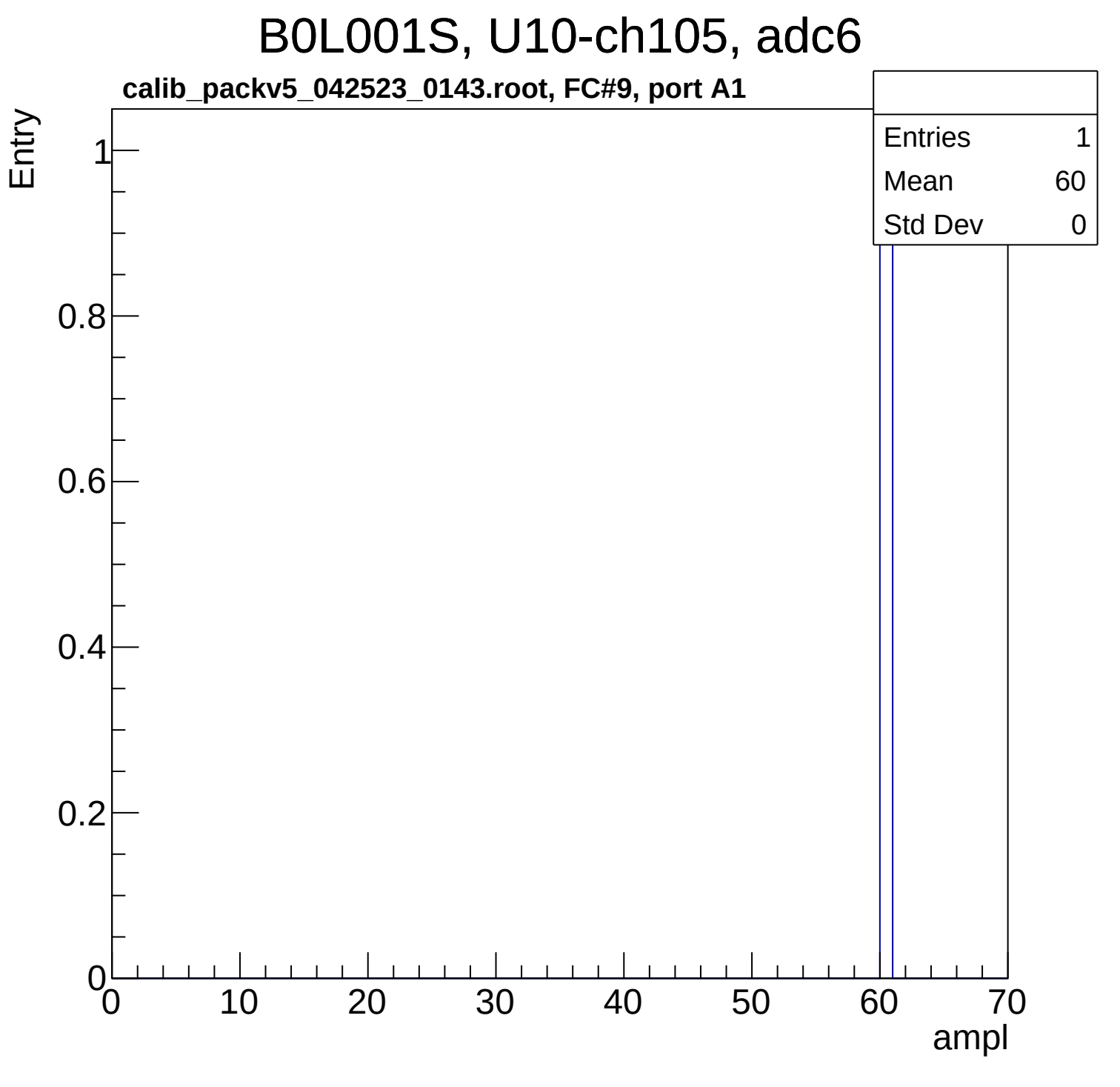
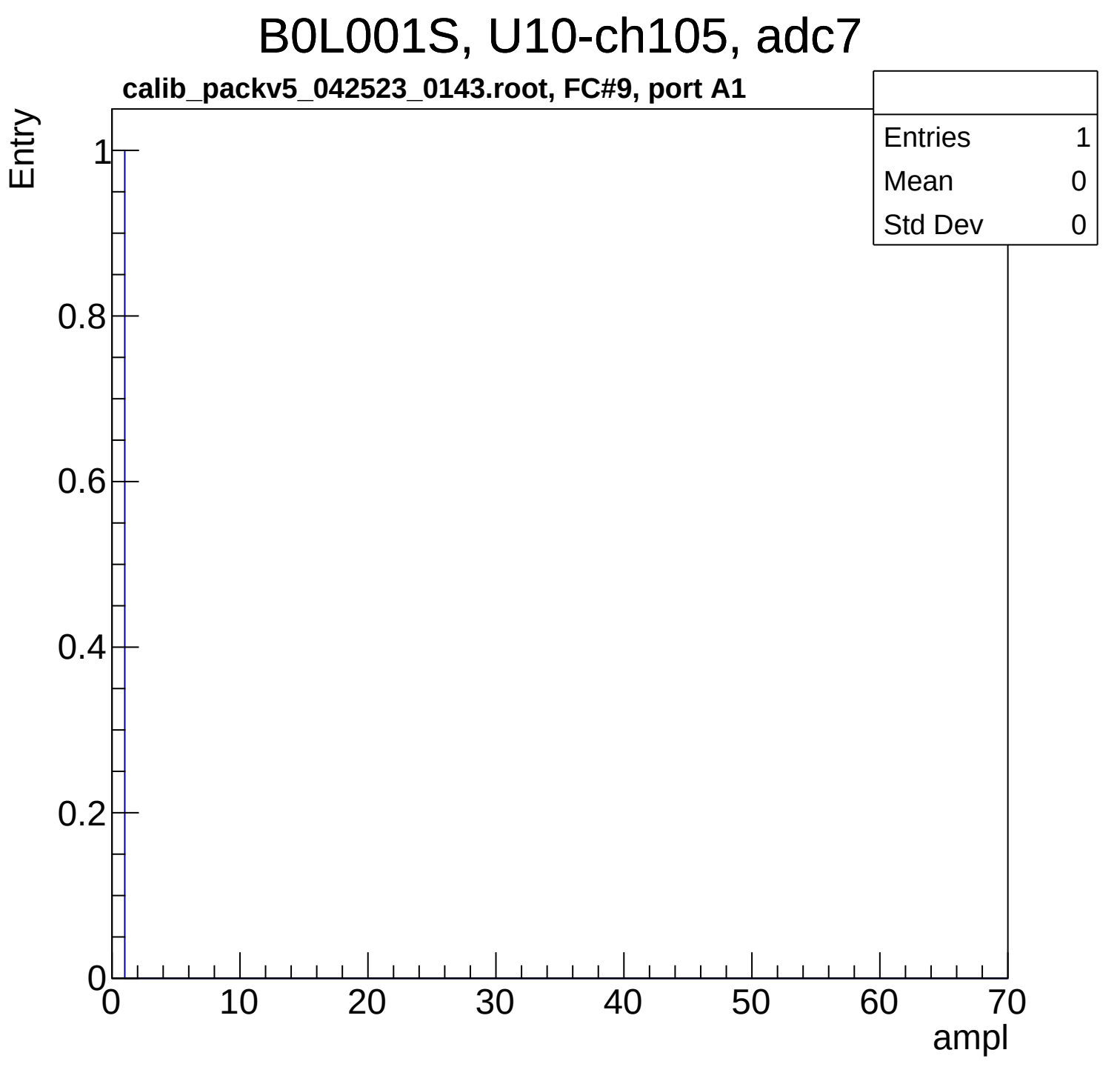
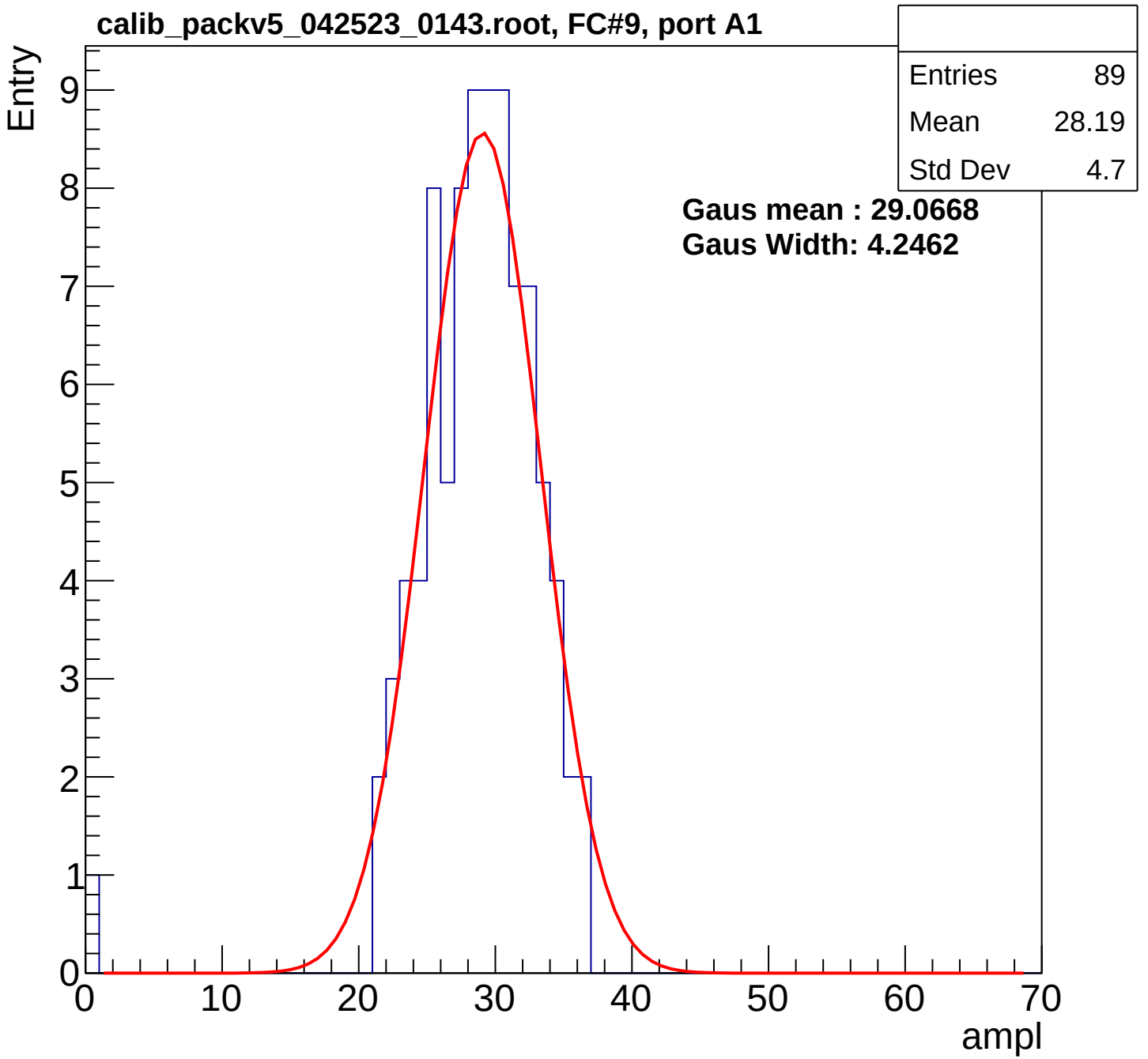

B0L001S, U10-ch105, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 50.43
Std Dev 3.418
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

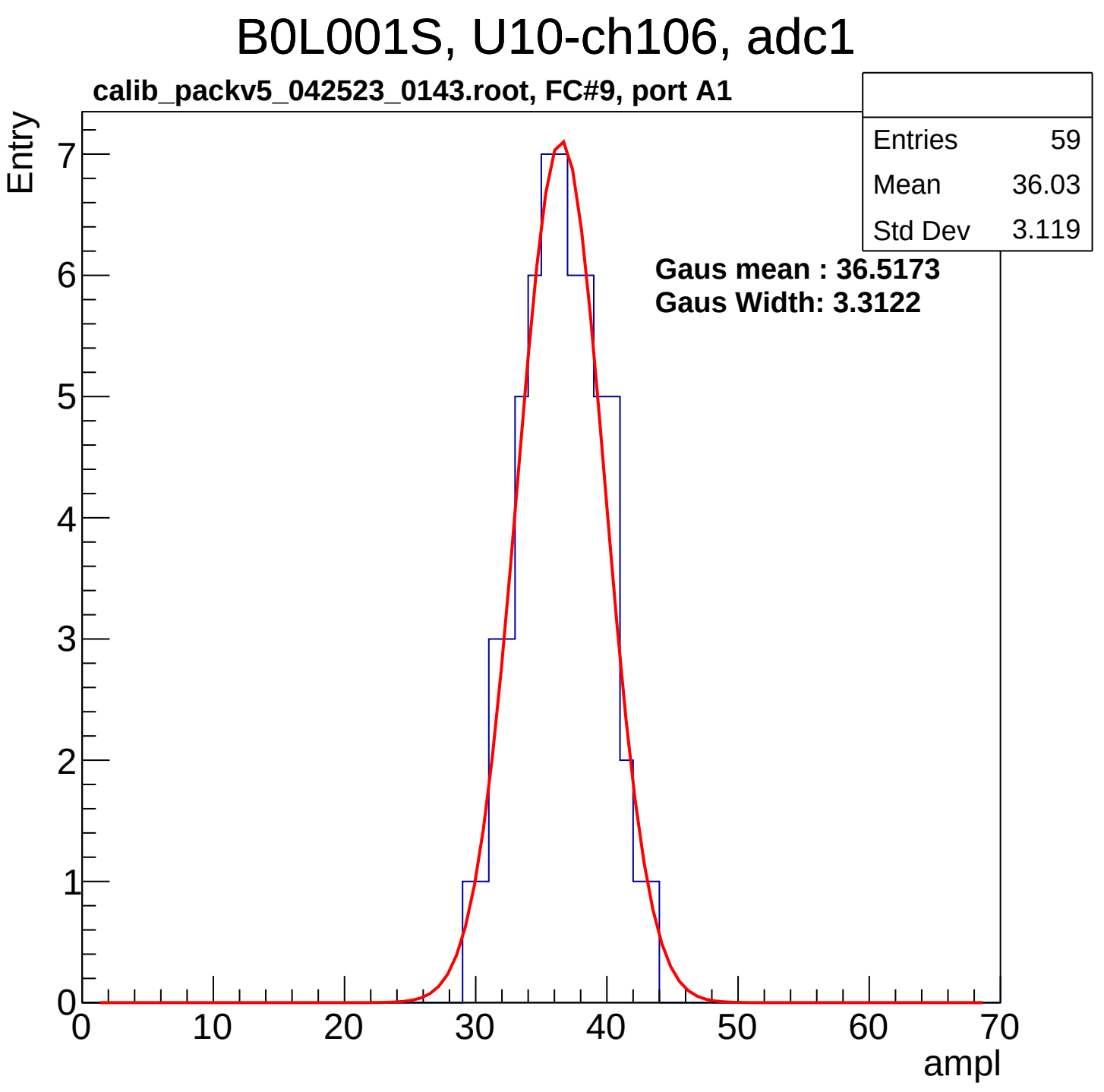

B0L001S, U10-ch105, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 56.52
Std Dev 3.6
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

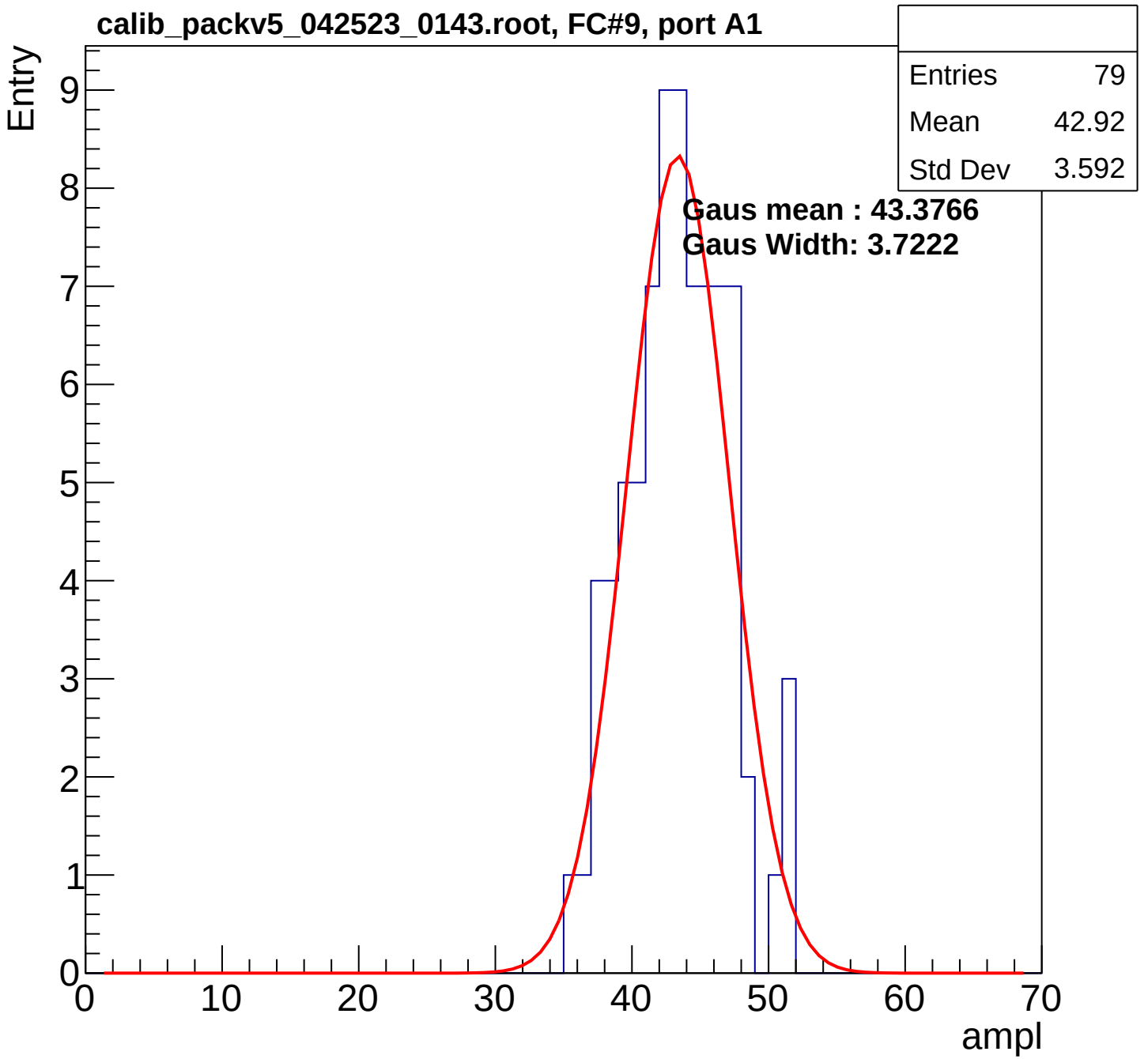

B0L001S, U10-ch105, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.89
Std Dev 9.896
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

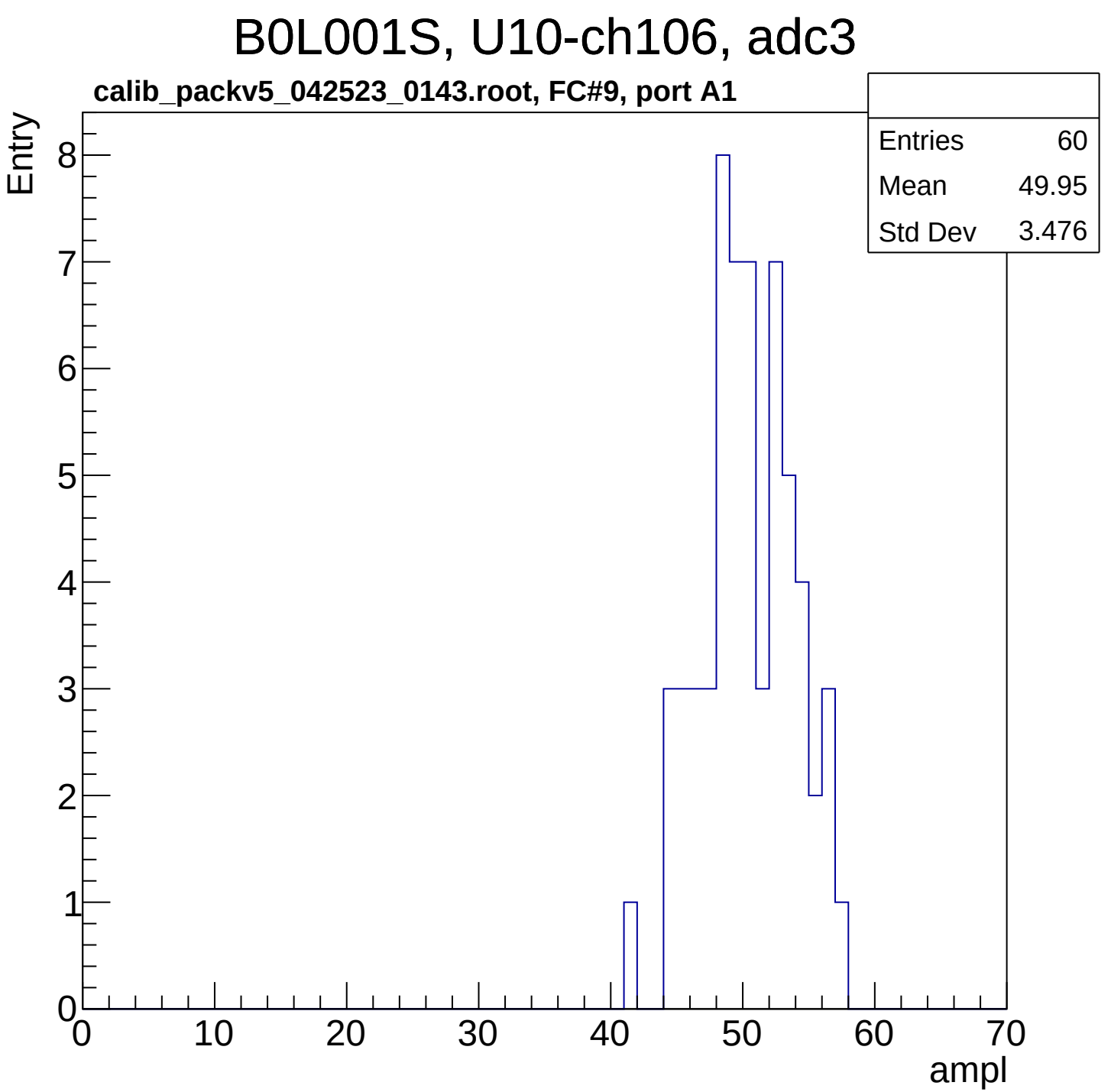

B0L001S, U10-ch105, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 60
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

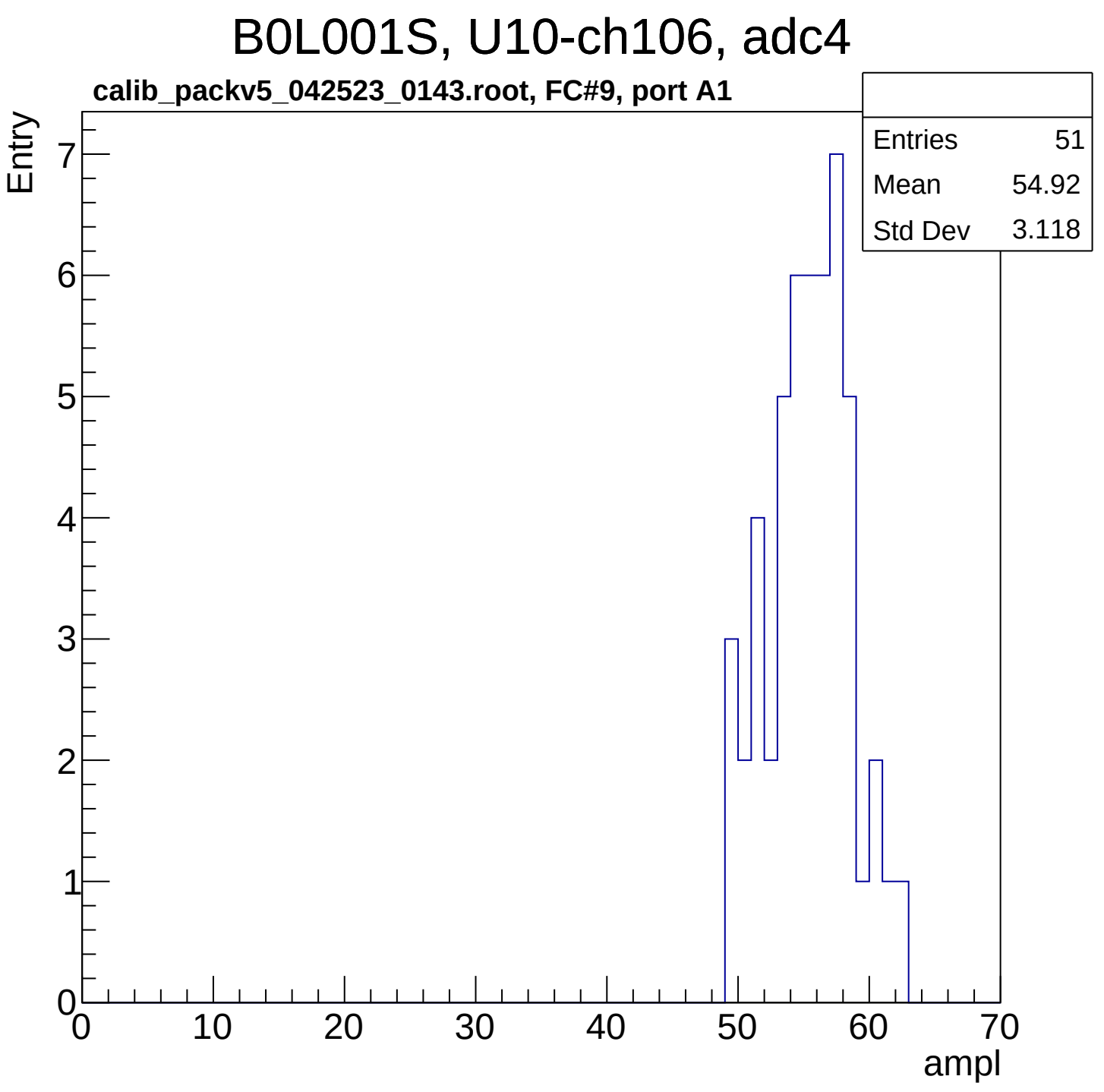

B0L001S, U10-ch105, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

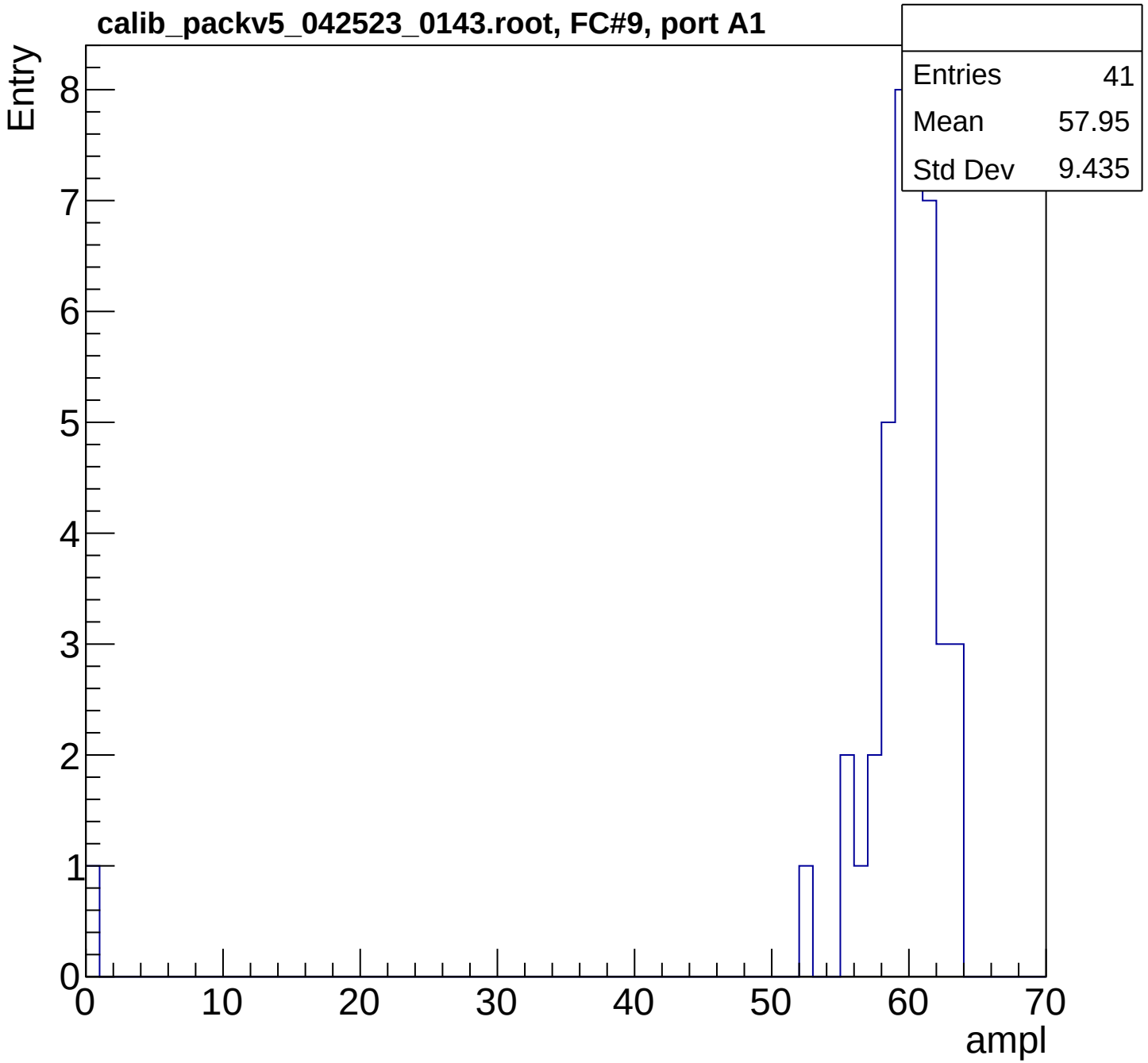

B0L001S, U10-ch106, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 28.19
Std Dev 4.7
Gaus mean : 29.0668
Gaus Width: 4.2462
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch106, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 36.03
Std Dev 3.119
Gaus mean : 36.5173
Gaus Width: 3.3122
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch106, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 42.92
Std Dev 3.592
Gaus mean : 43.3766
Gaus Width: 3.7222
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch106, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 49.95
Std Dev 3.476
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch106, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 54.92
Std Dev 3.118
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch106, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 57.95
Std Dev 9.435
Entry
ampl
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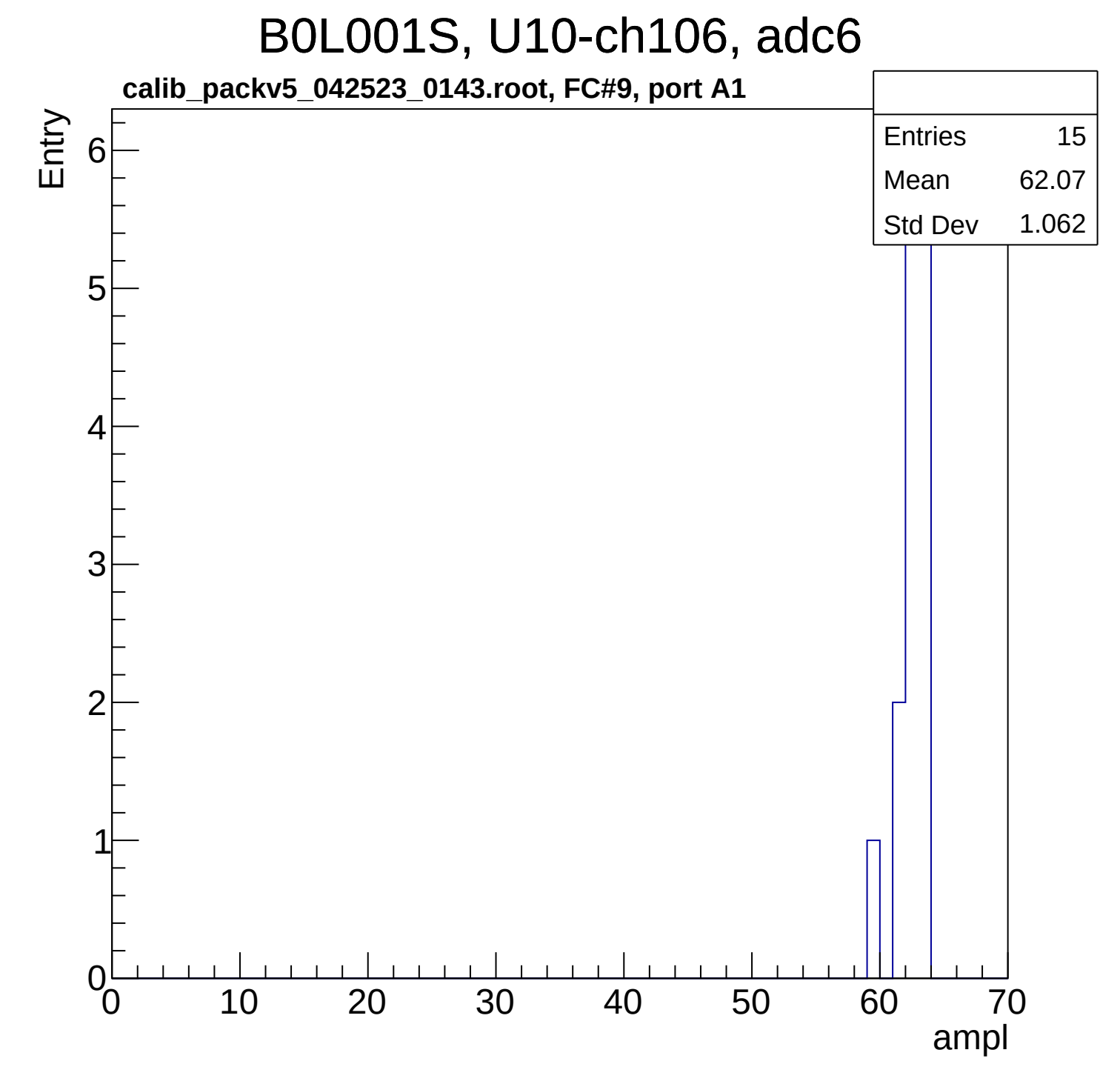
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch106, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 15
Mean 62.07
Std Dev 1.062
Entry
0
1
2
3
4
5
6
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10
20
30
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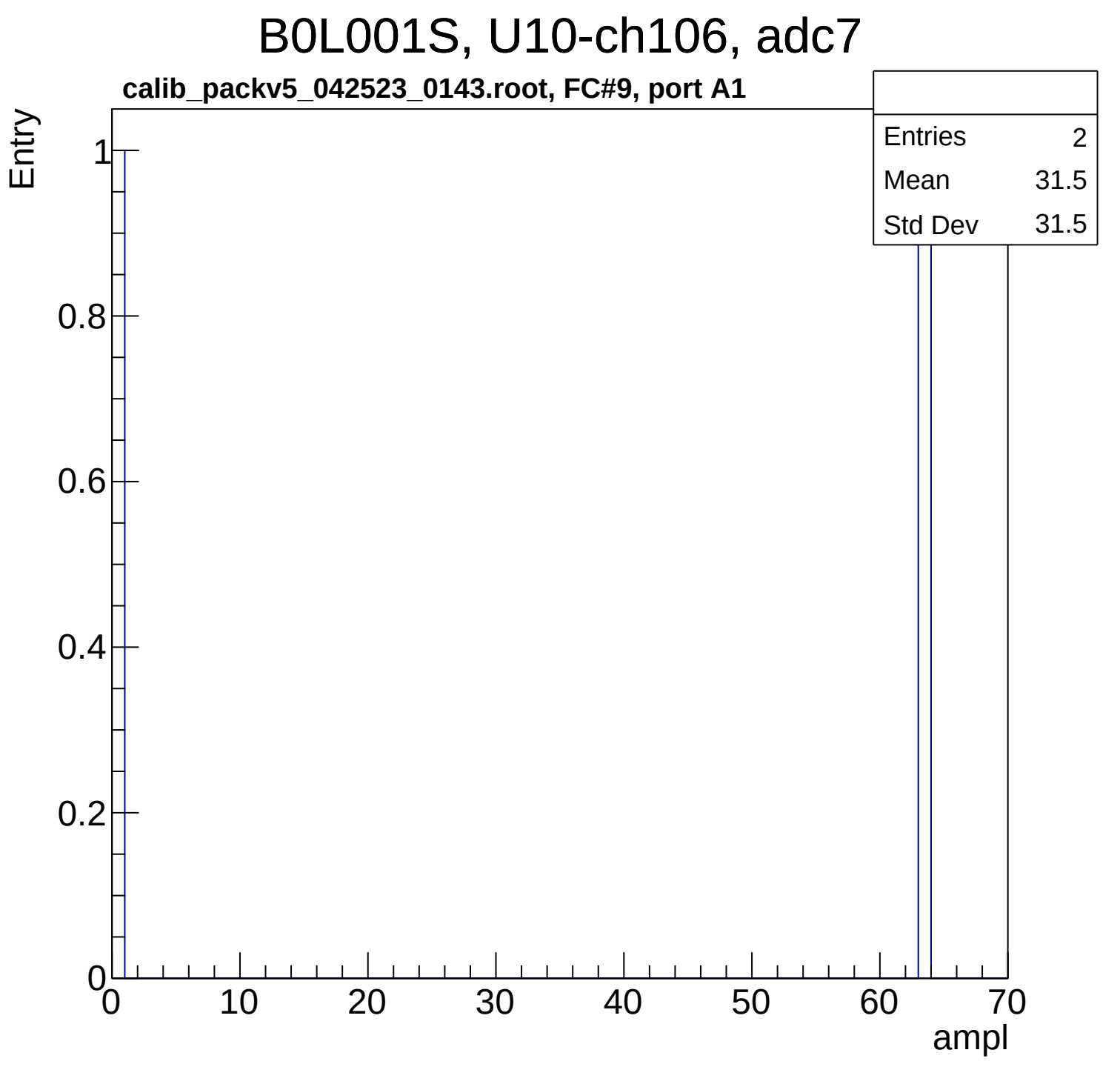
50
60
70
ampl


B0L001S, U10-ch106, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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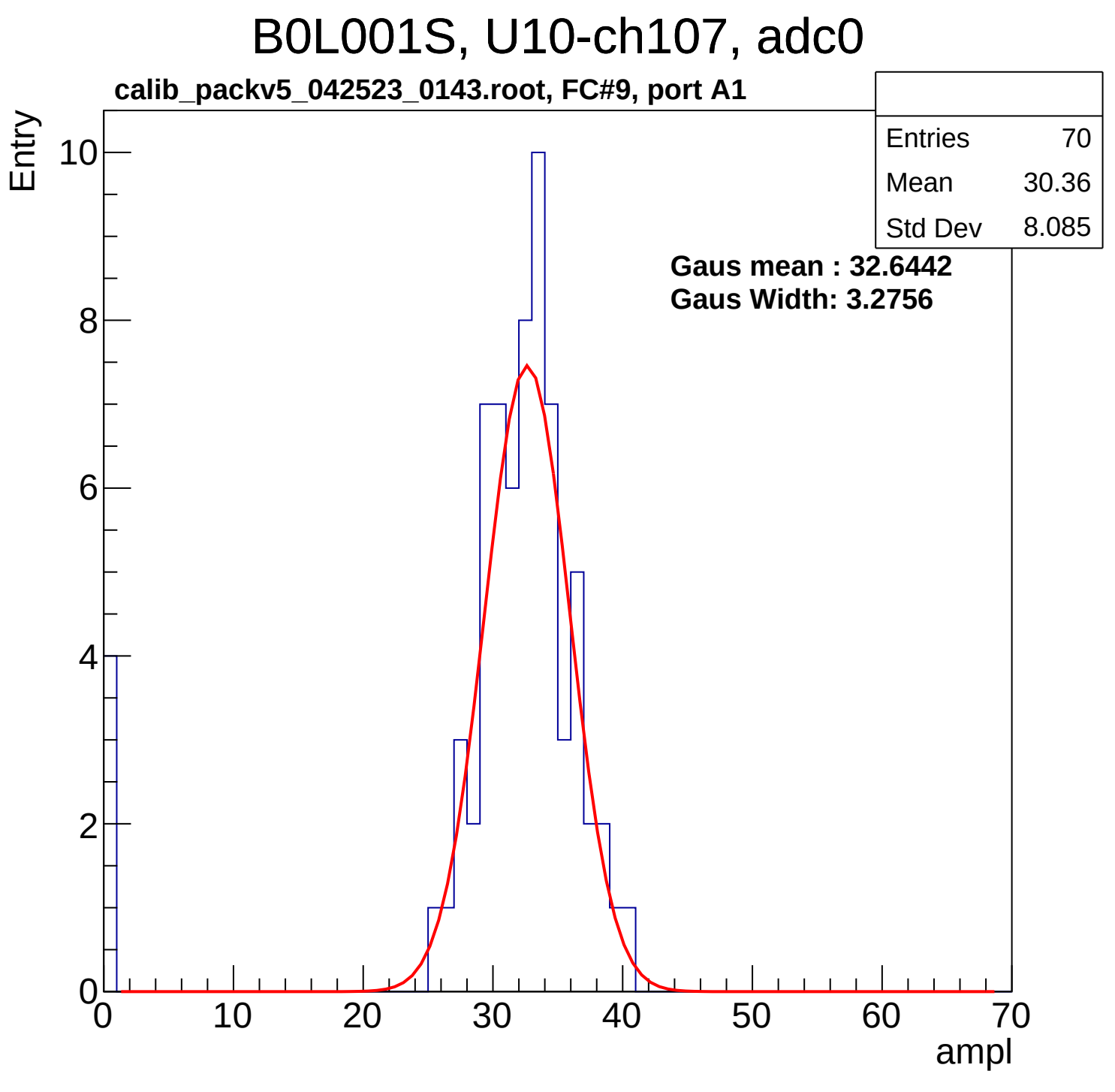
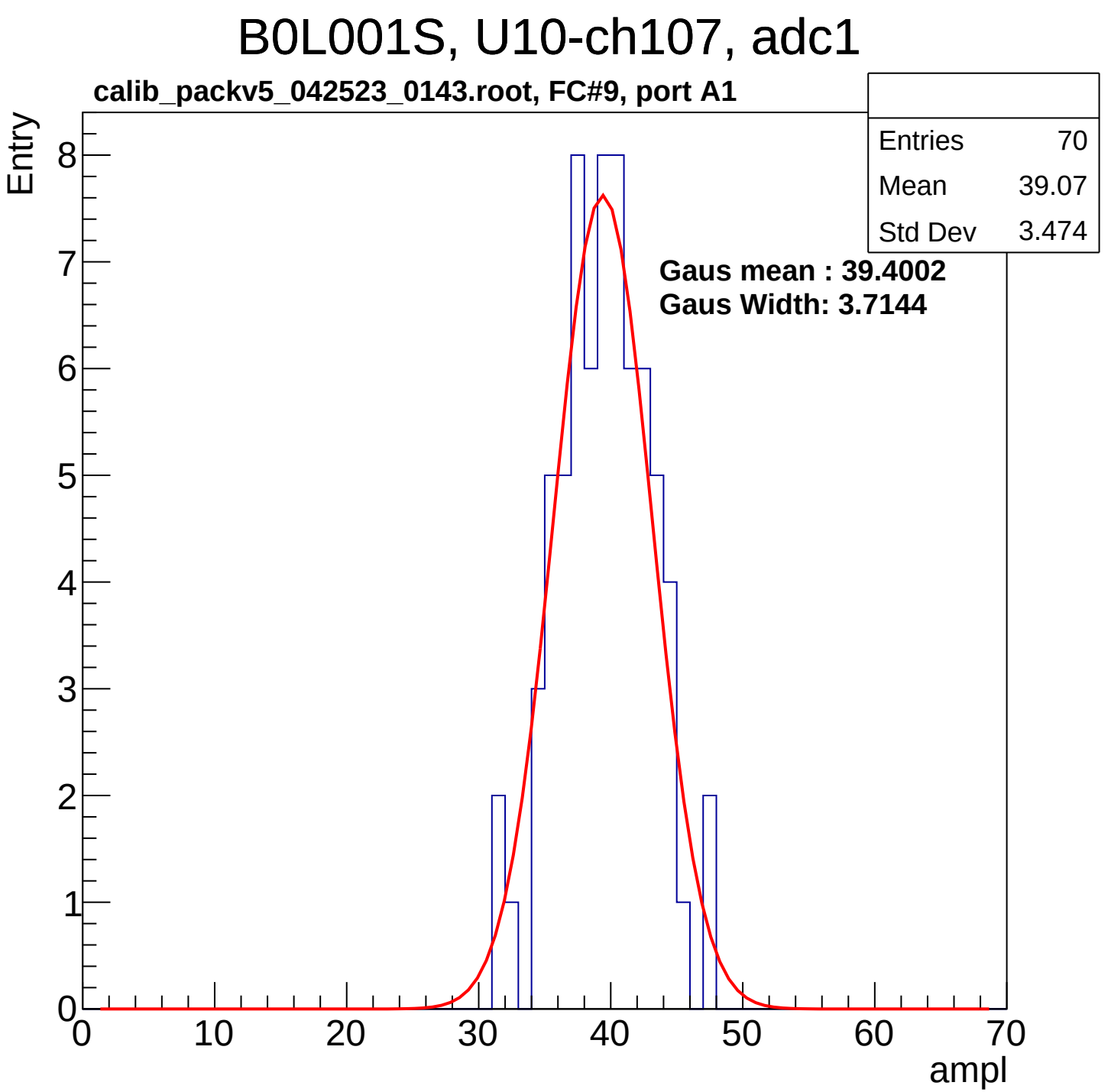
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch107, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 30.36
Std Dev 8.085
Gaus mean : 32.6442
Gaus Width: 3.2756
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch107, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 39.07
Std Dev 3.474
Gaus mean : 39.4002
Gaus Width: 3.7144
Entry
ampl
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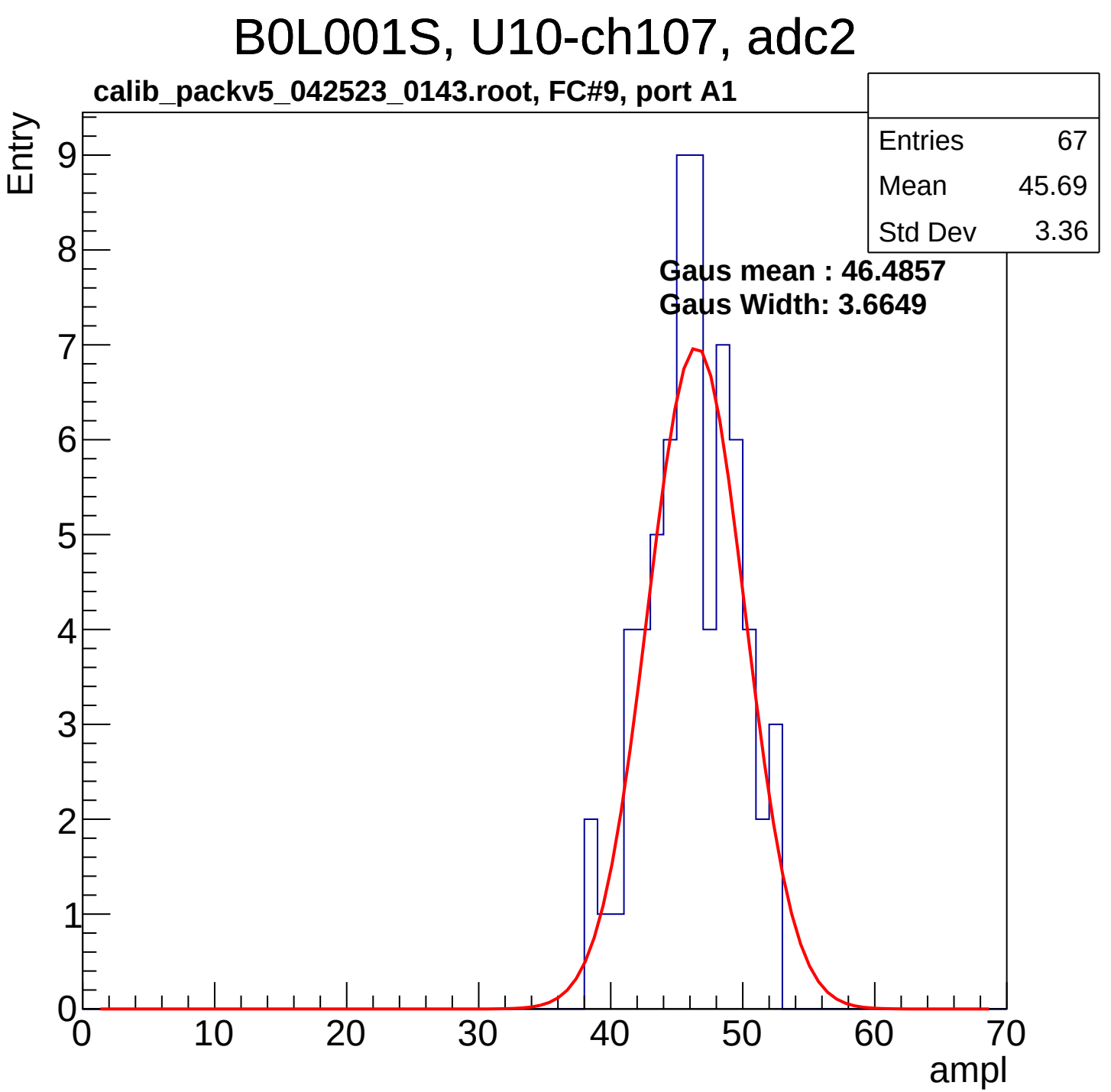
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch107, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 45.69
Std Dev 3.36
Gaus mean : 46.4857
Gaus Width: 3.6649
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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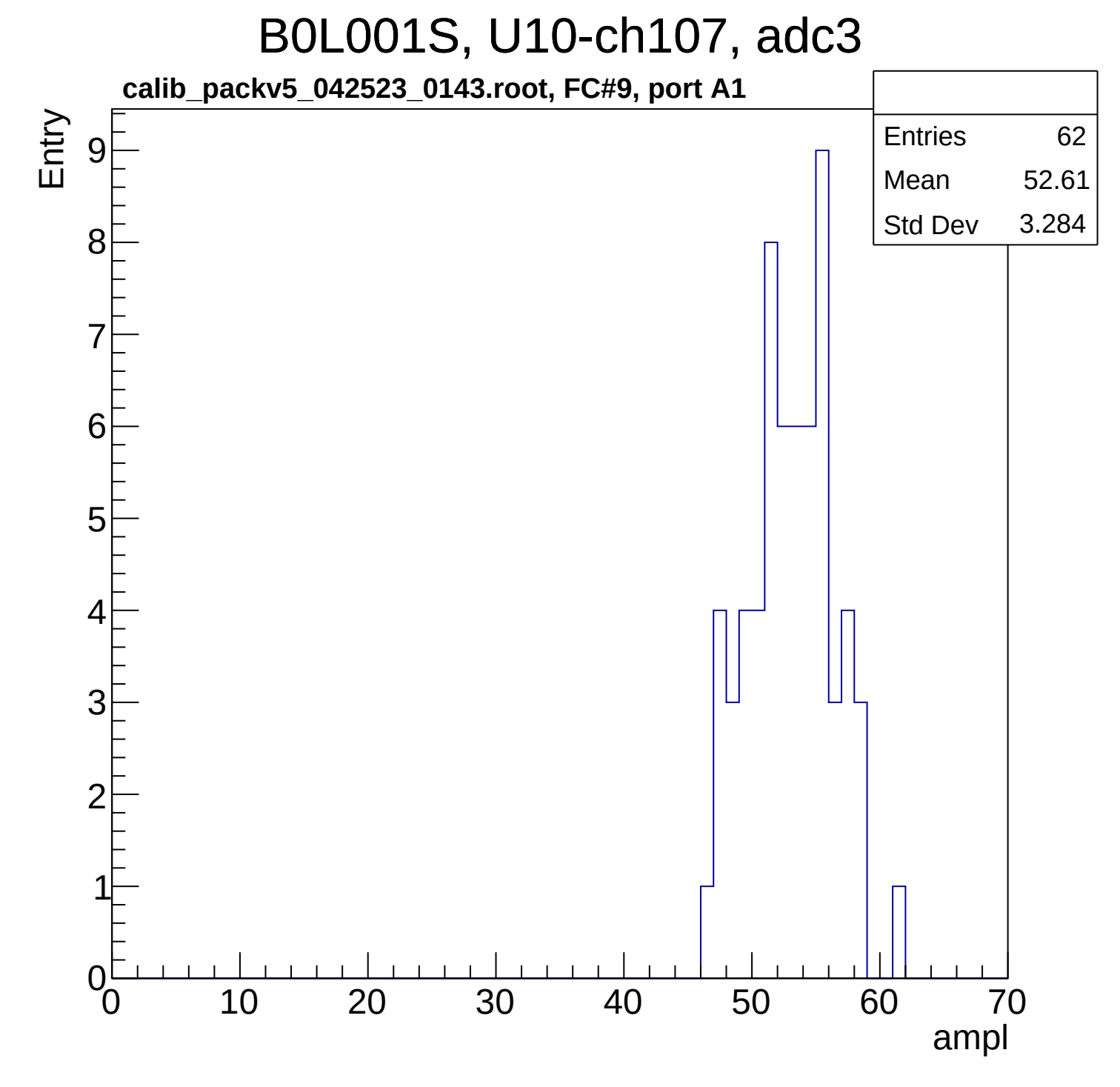
40
50
60
70


B0L001S, U10-ch107, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 52.61
Std Dev 3.284
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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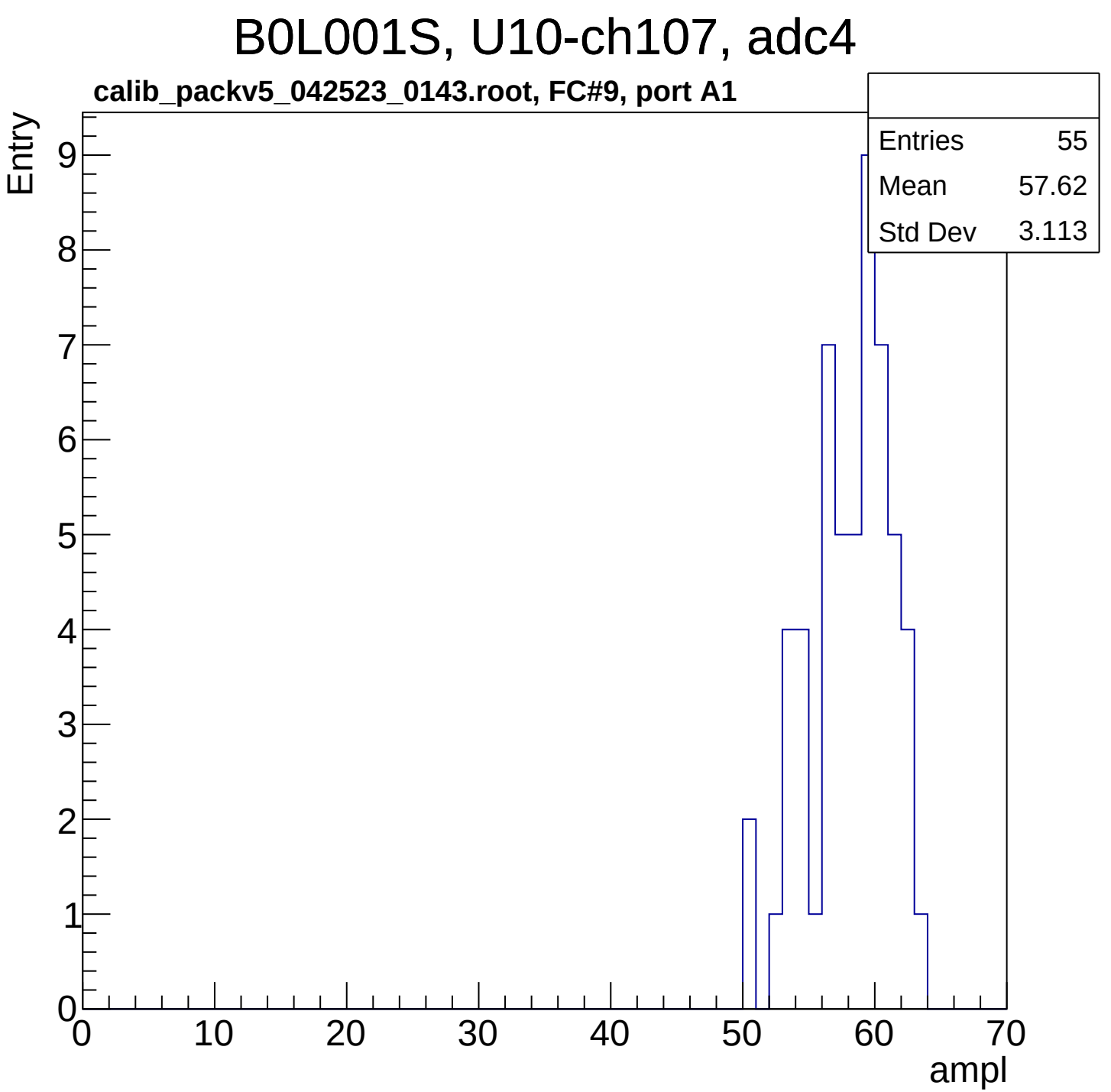
B0L001S, U10-ch107, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 57.62
Std Dev 3.113
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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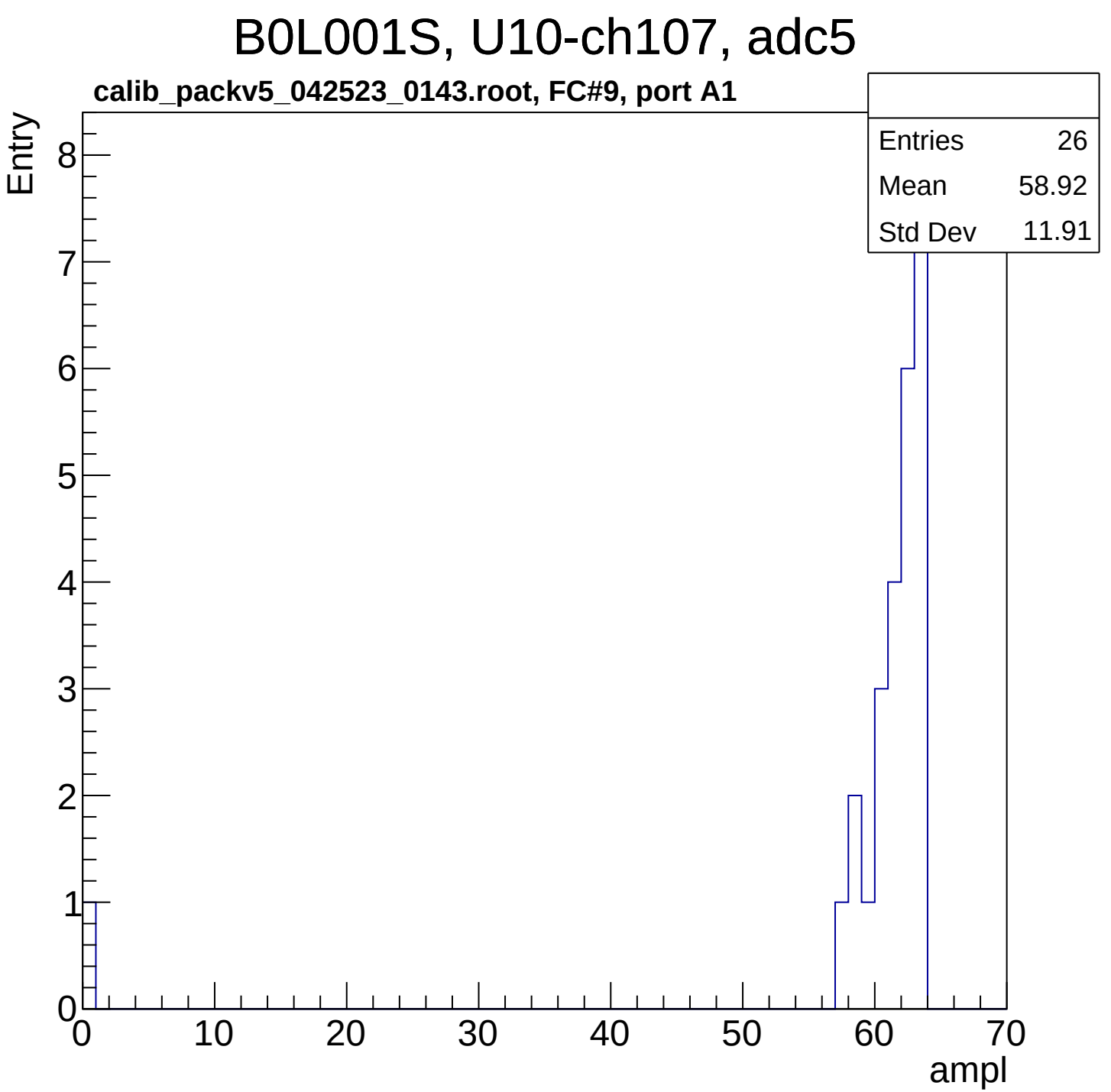
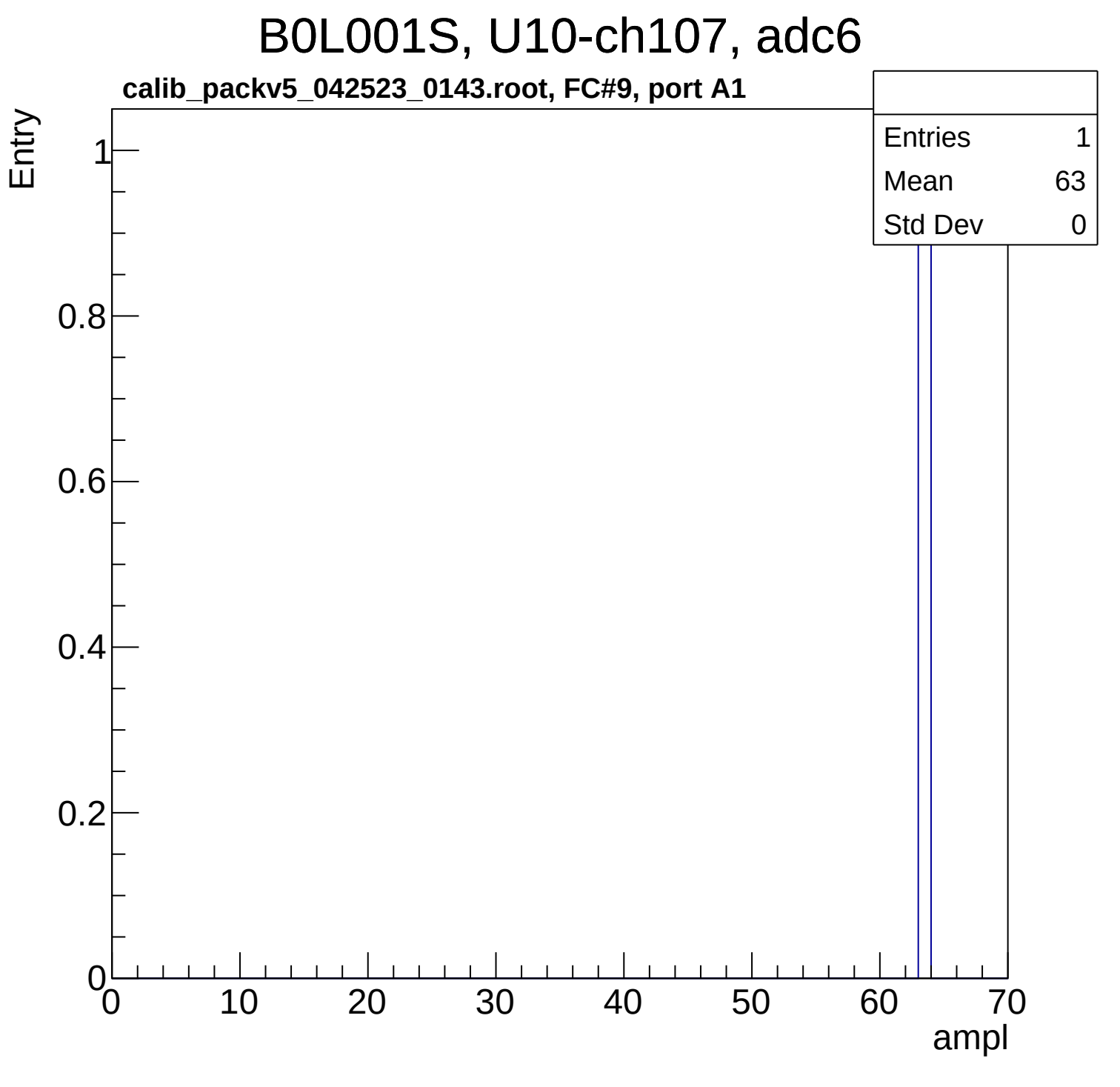

B0L001S, U10-ch107, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 58.92
Std Dev 11.91
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch107, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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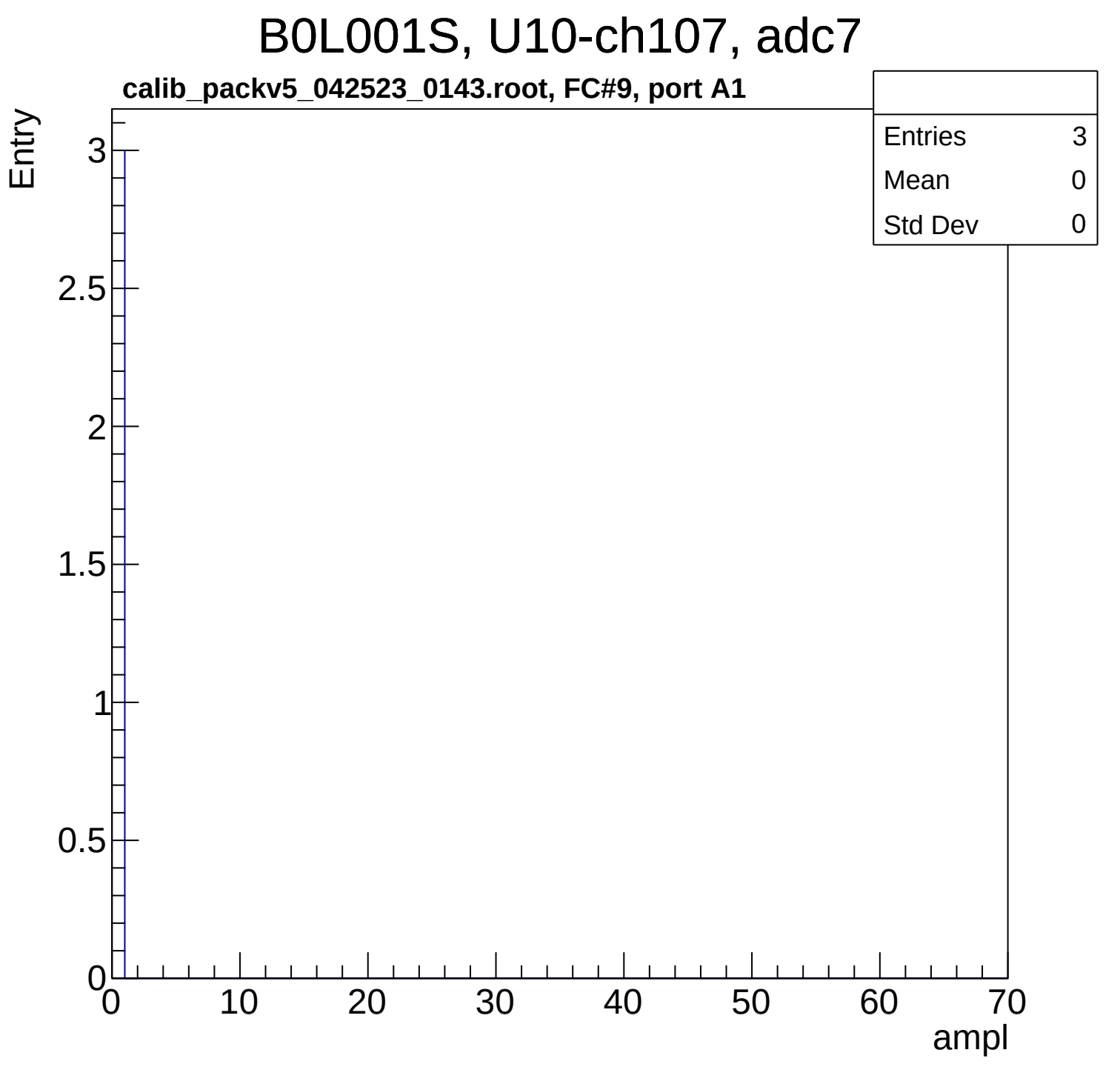
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch107, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
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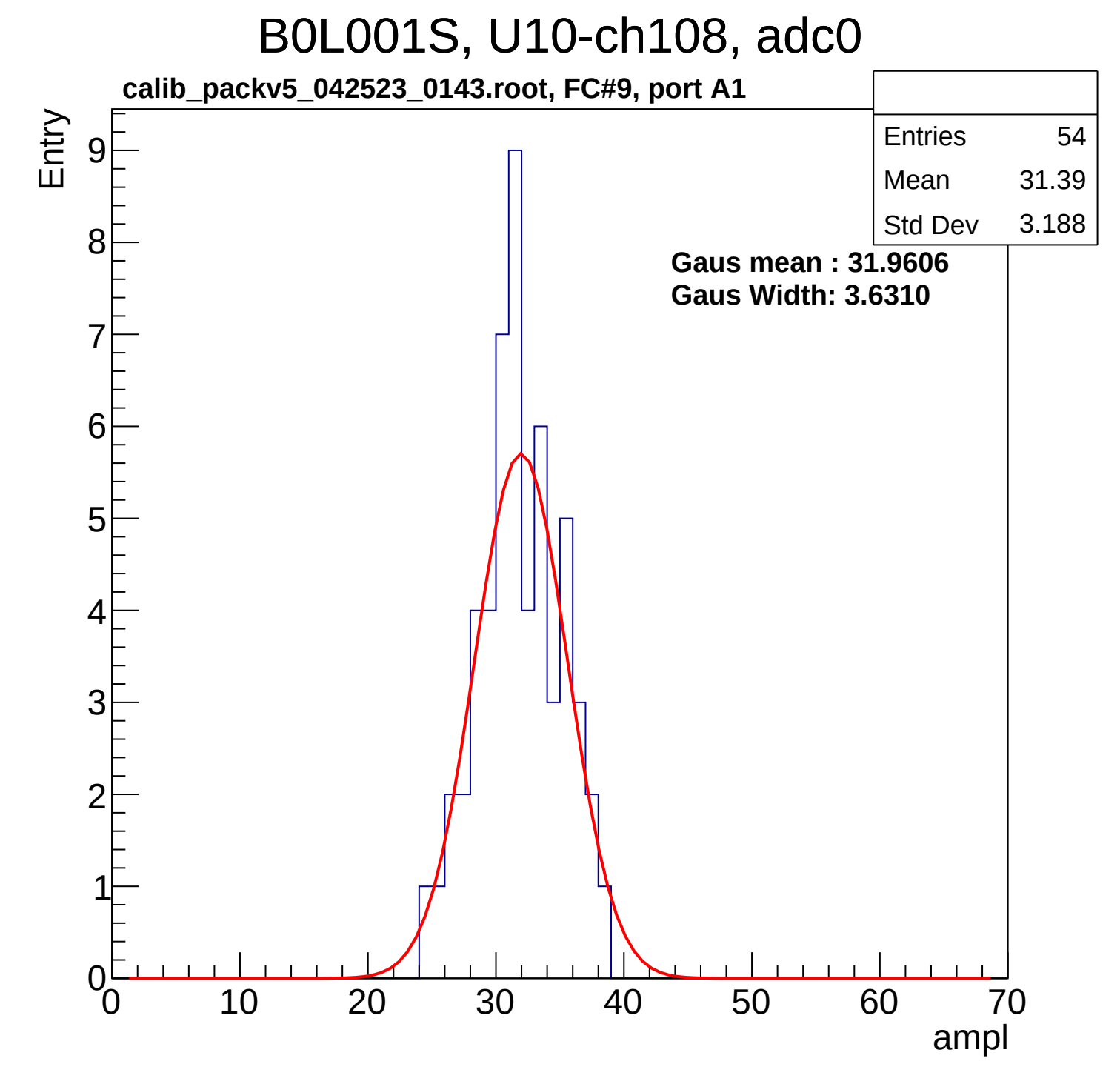
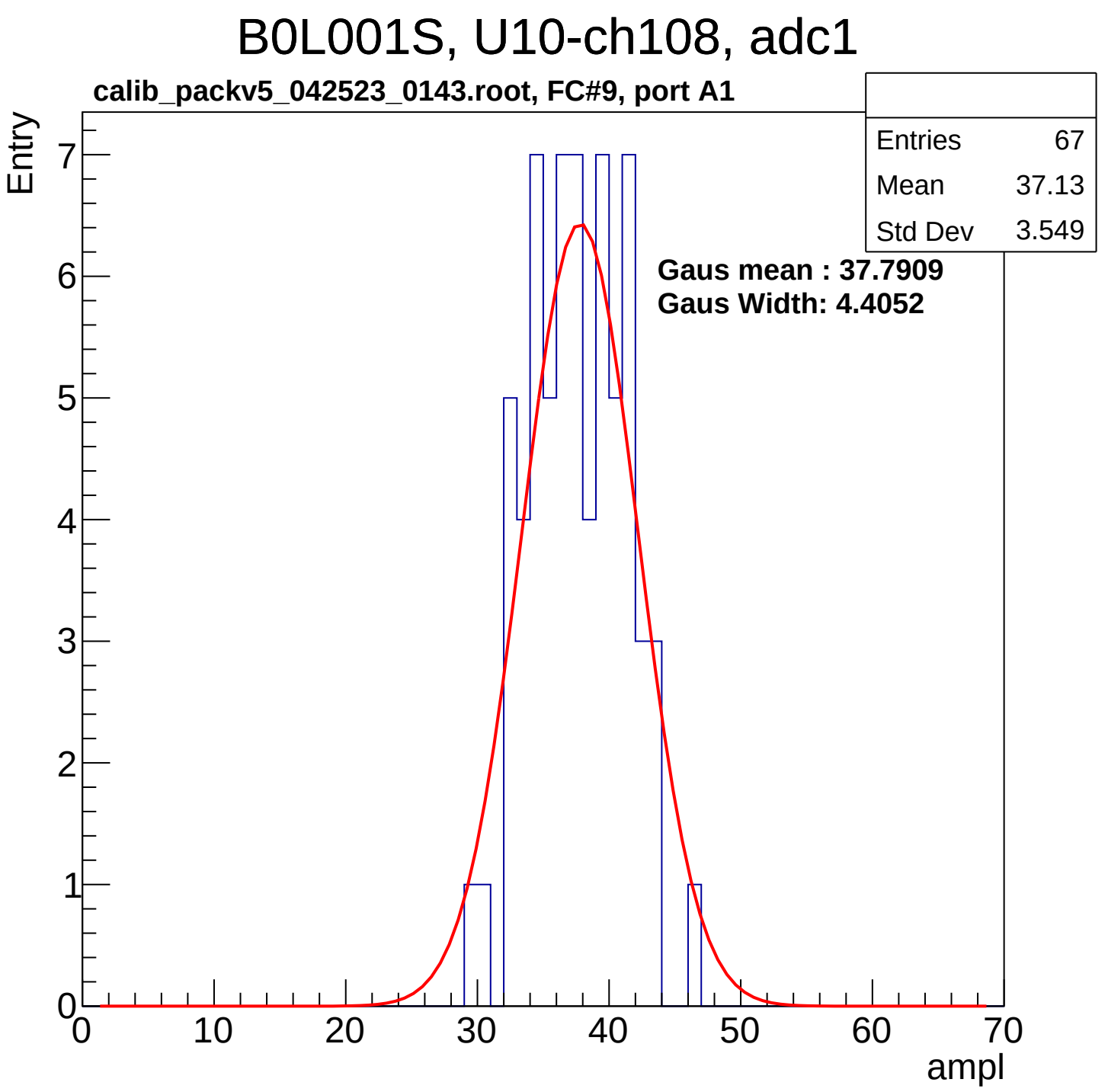
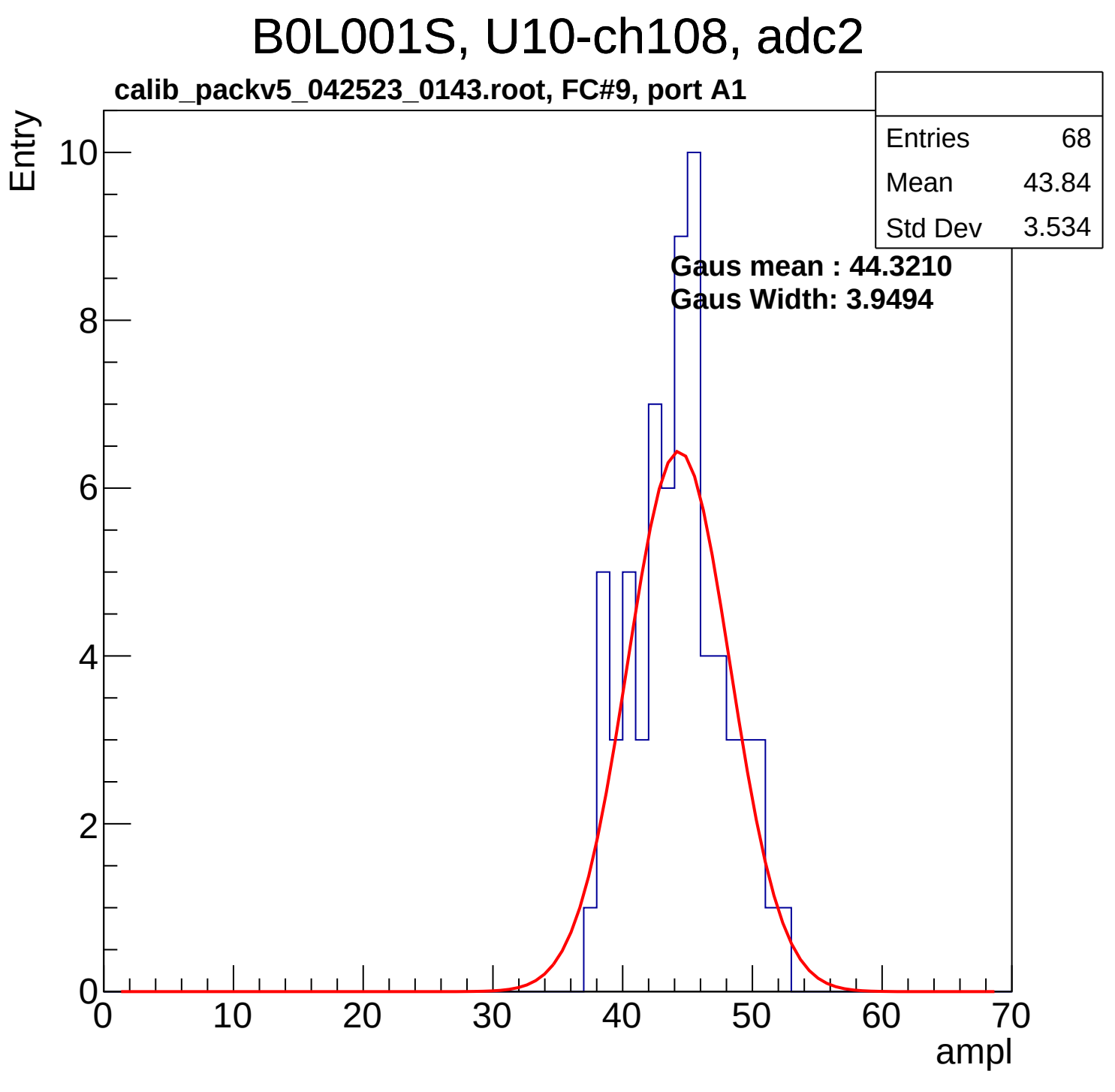
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch108, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 31.39
Std Dev 3.188
Gaus mean : 31.9606
Gaus Width: 3.6310
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch108, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.13
Std Dev 3.549
Gaus mean : 37.7909
Gaus Width: 4.4052
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch108, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 43.84
Std Dev 3.534
Gaus mean : 44.3210
Gaus Width: 3.9494
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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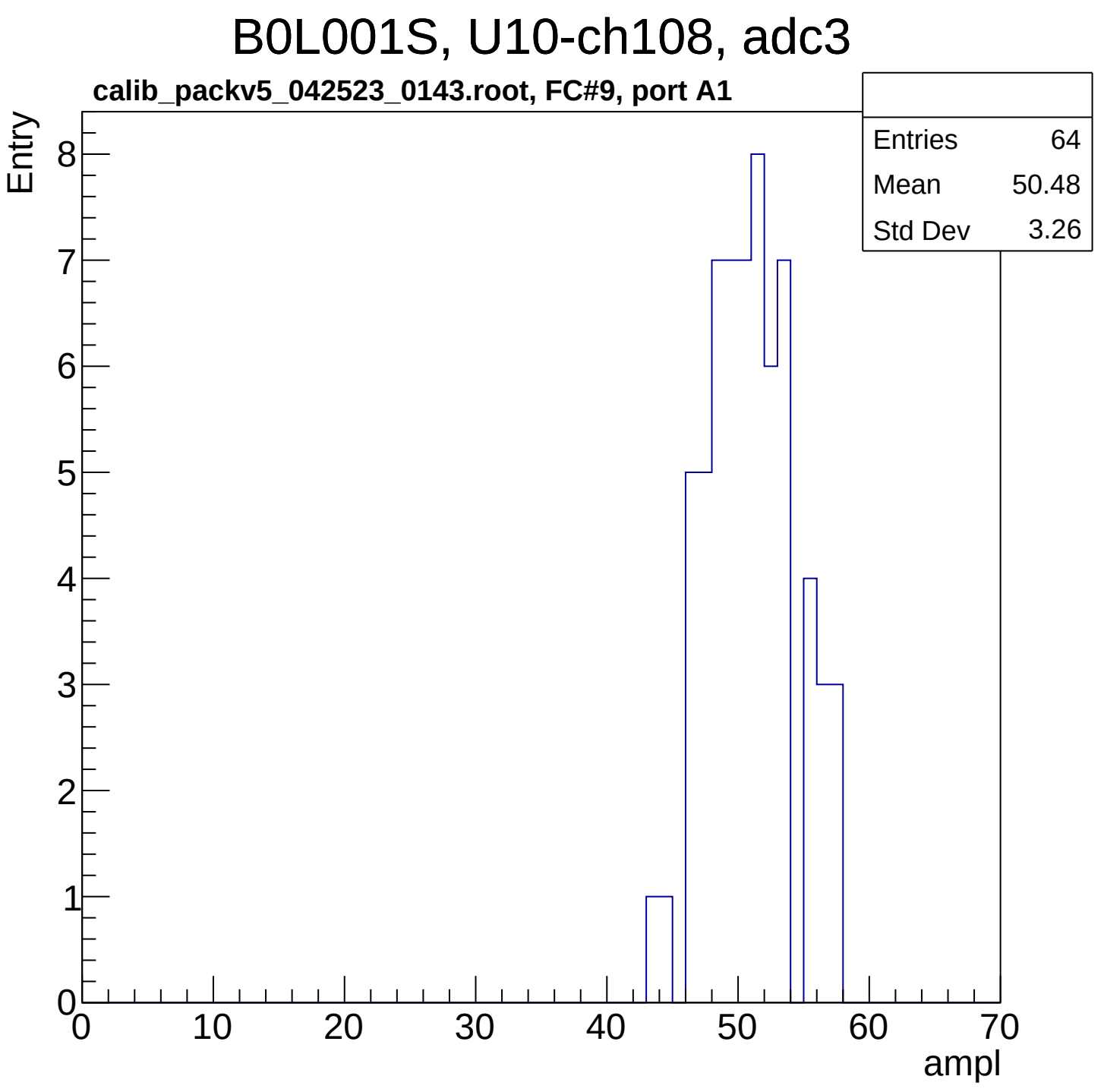
B0L001S, U10-ch108, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 50.48
Std Dev 3.26
Entry
ampl
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1
2
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4
5
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7
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0
10
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40
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60
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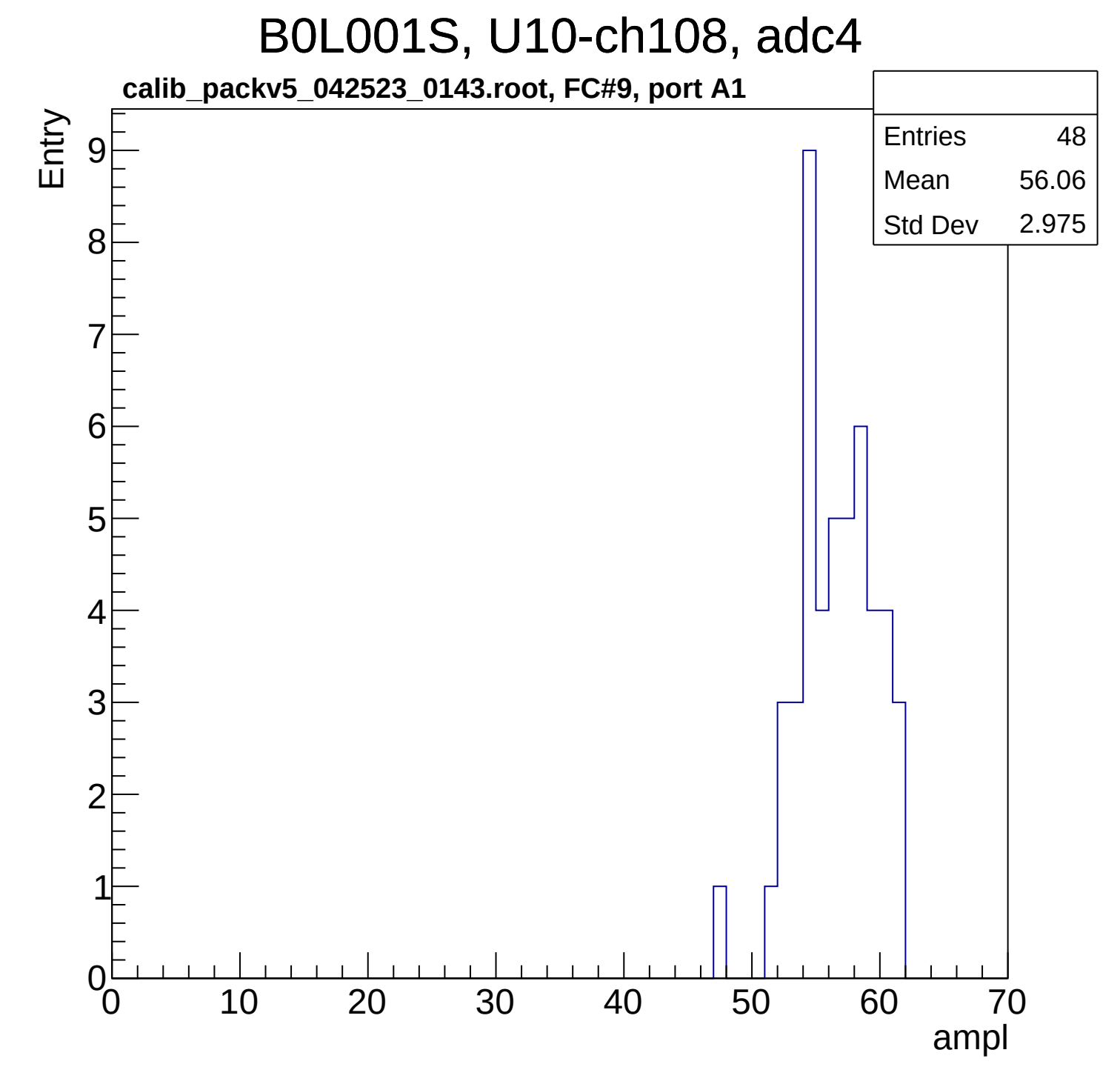
B0L001S, U10-ch108, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 56.06
Std Dev 2.975
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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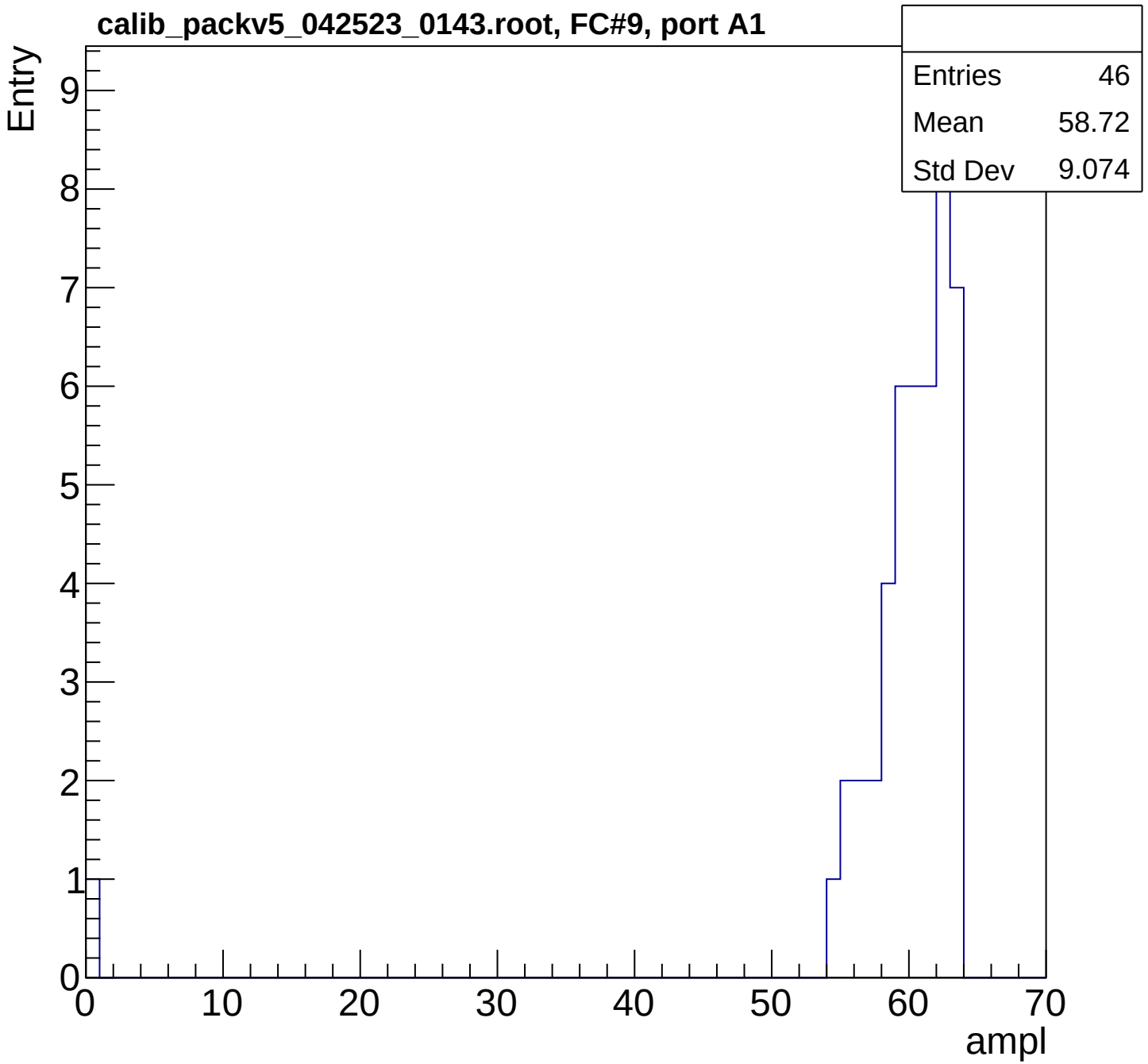
B0L001S, U10-ch108, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 58.72
Std Dev 9.074
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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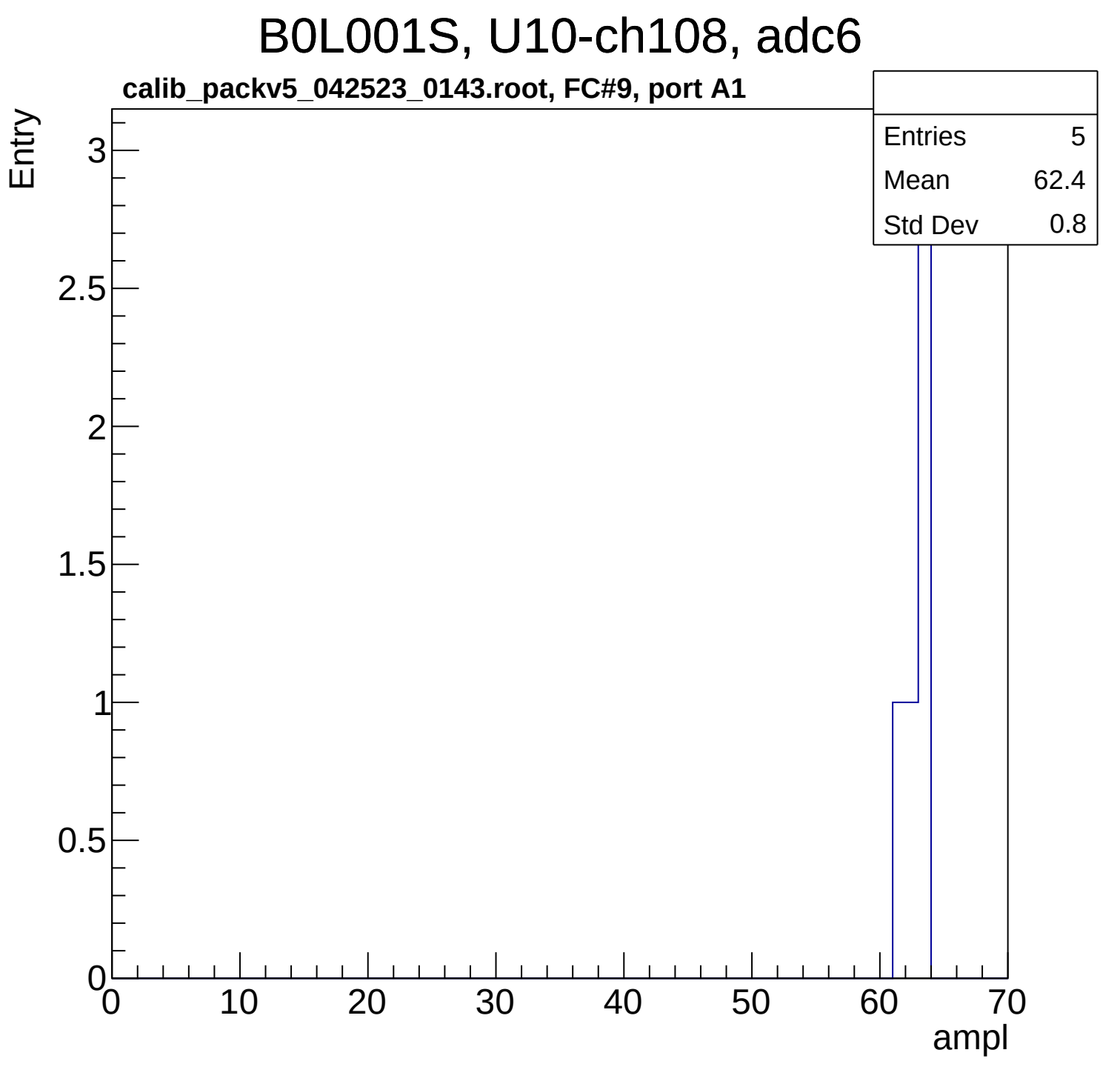
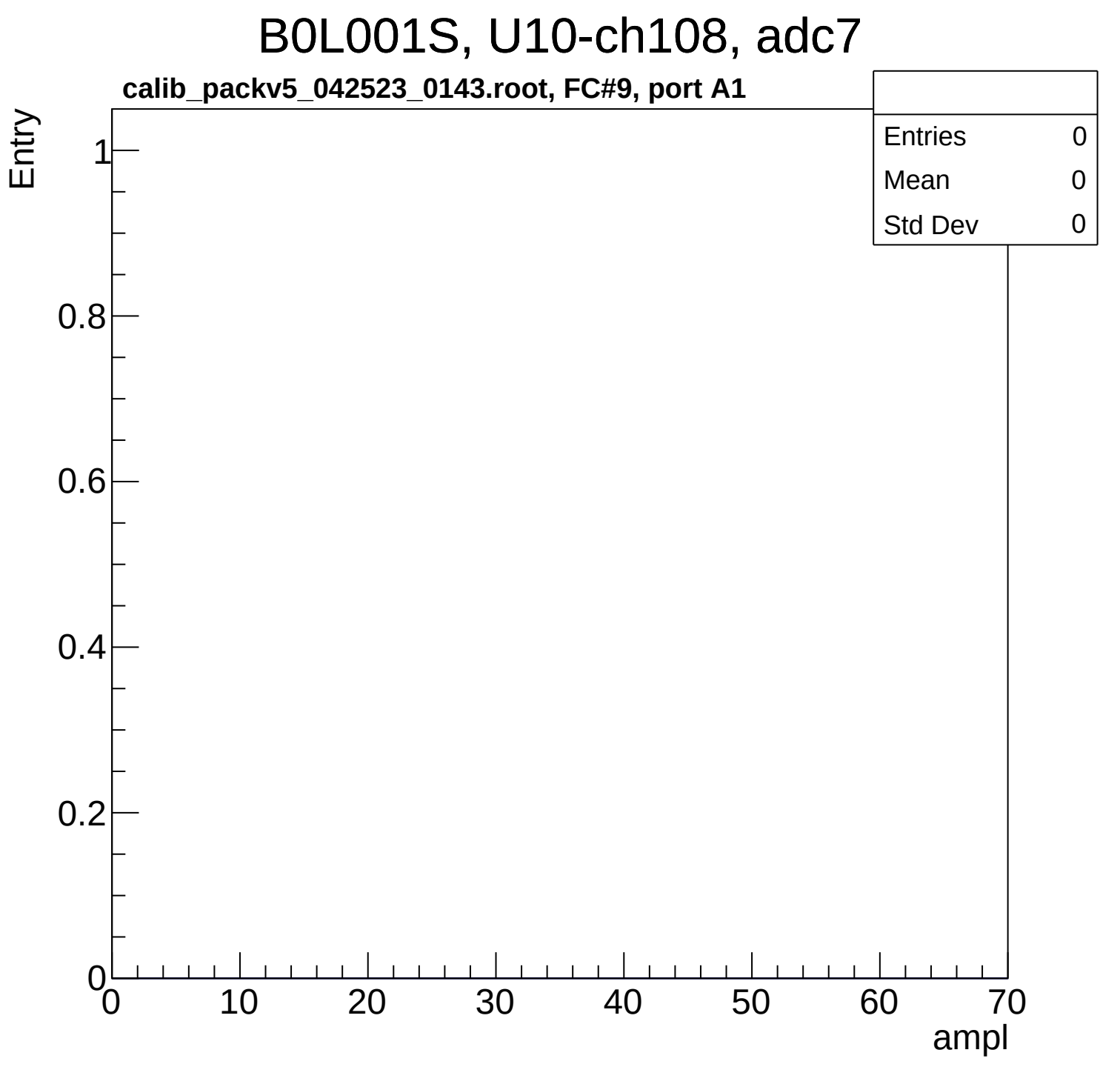
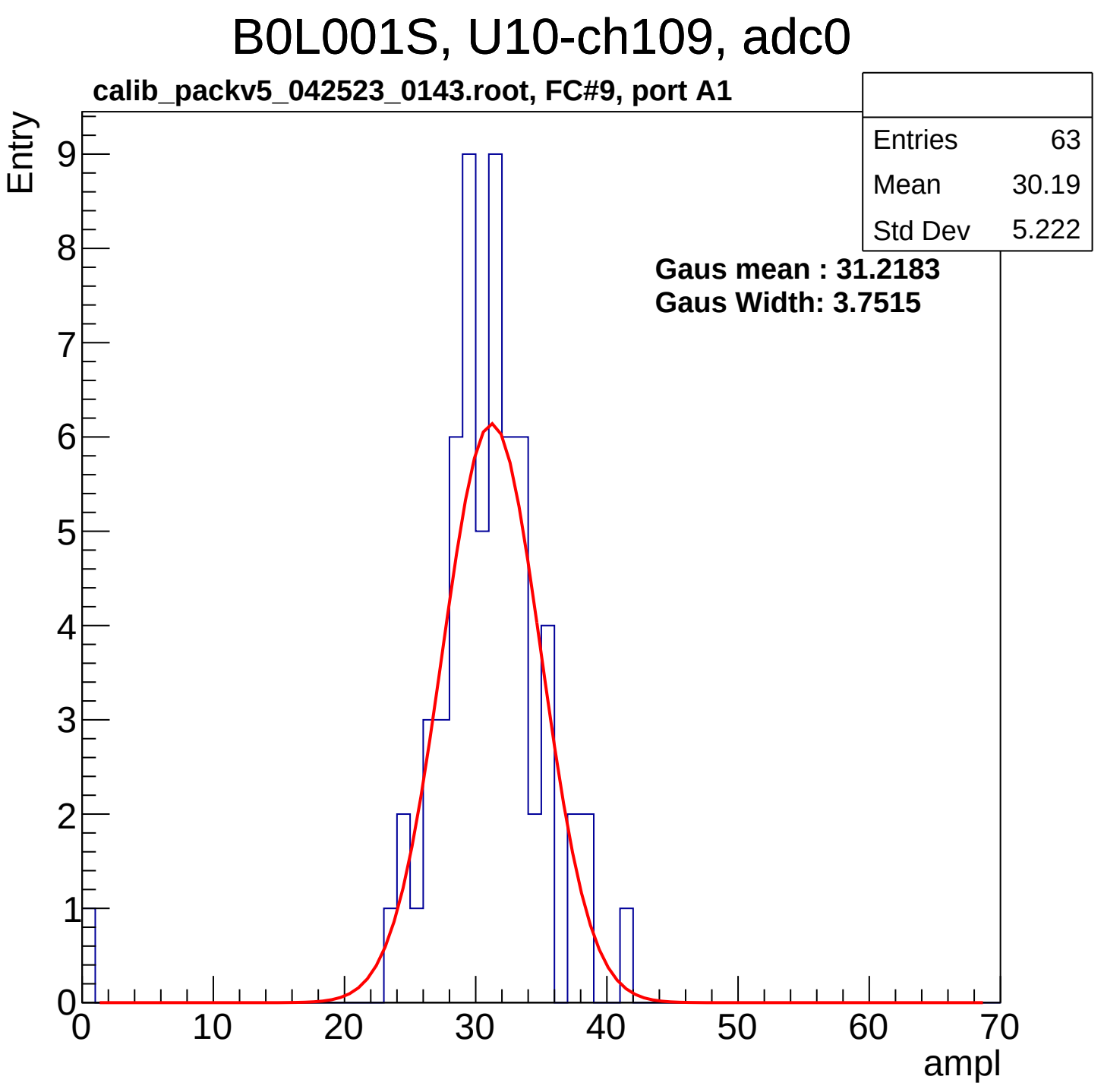
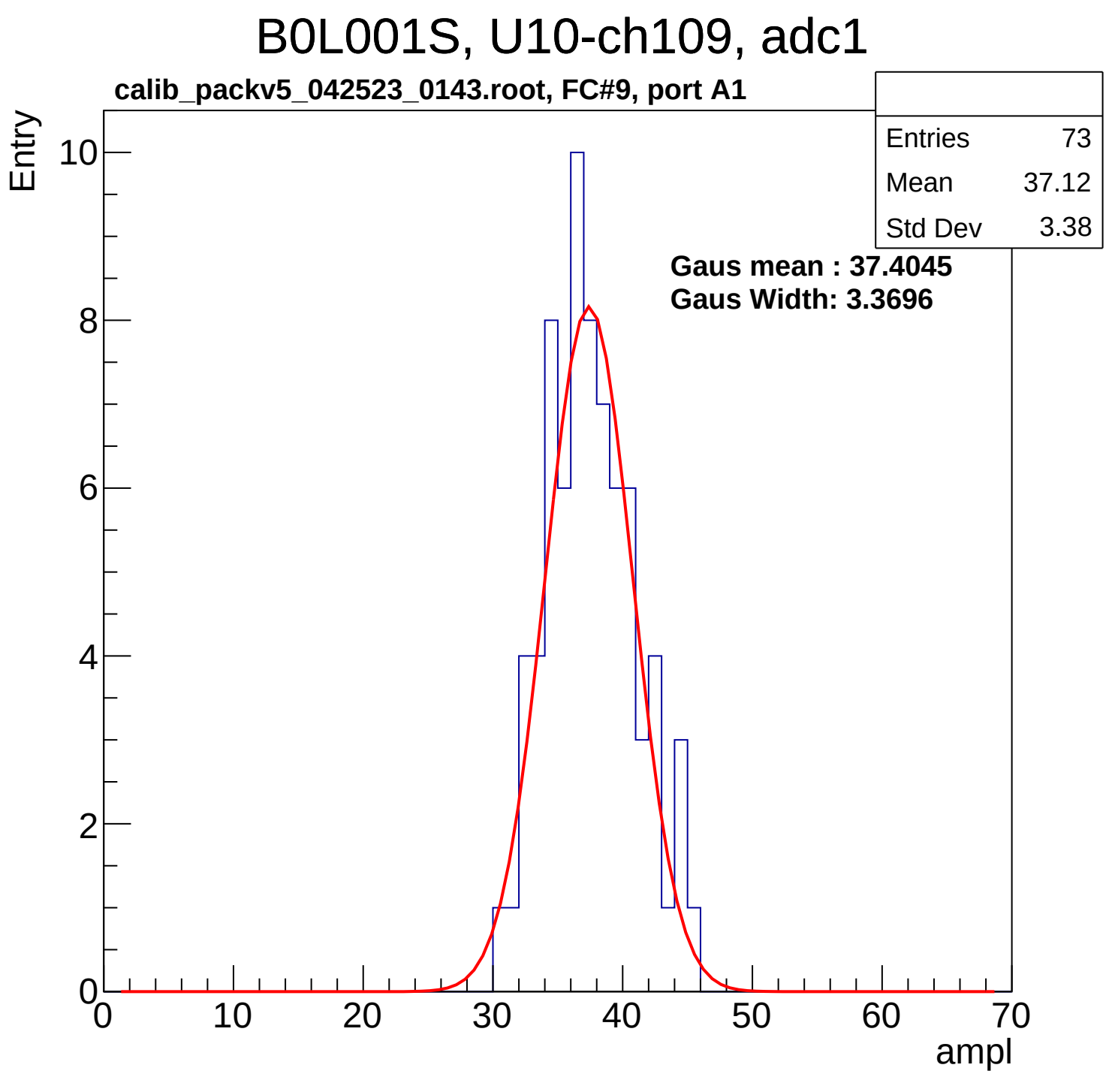

B0L001S, U10-ch108, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 62.4
Std Dev 0.8
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch108, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch109, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 30.19
Std Dev 5.222
Gaus mean : 31.2183
Gaus Width: 3.7515
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch109, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 37.12
Std Dev 3.38
Gaus mean : 37.4045
Gaus Width: 3.3696
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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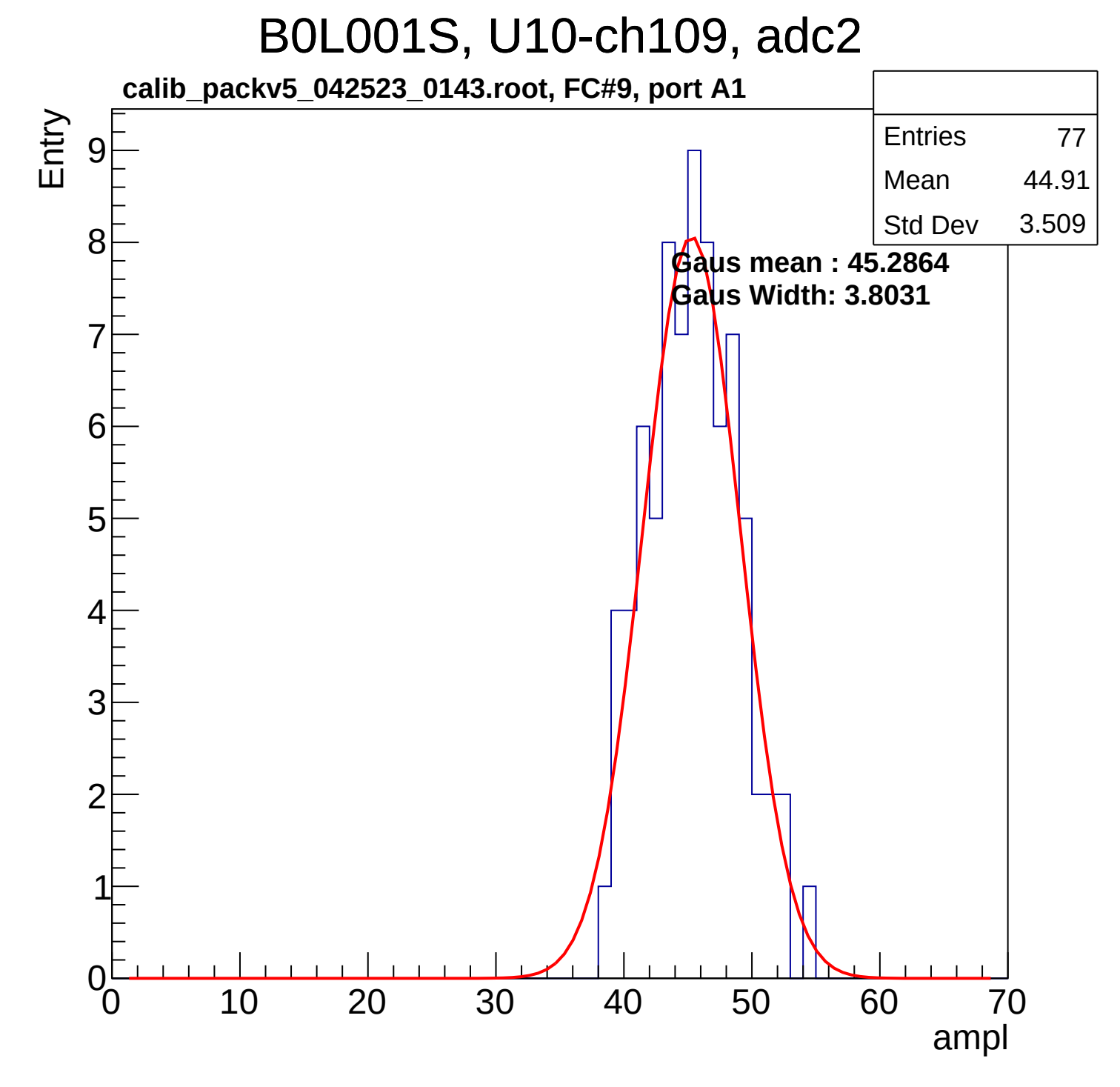
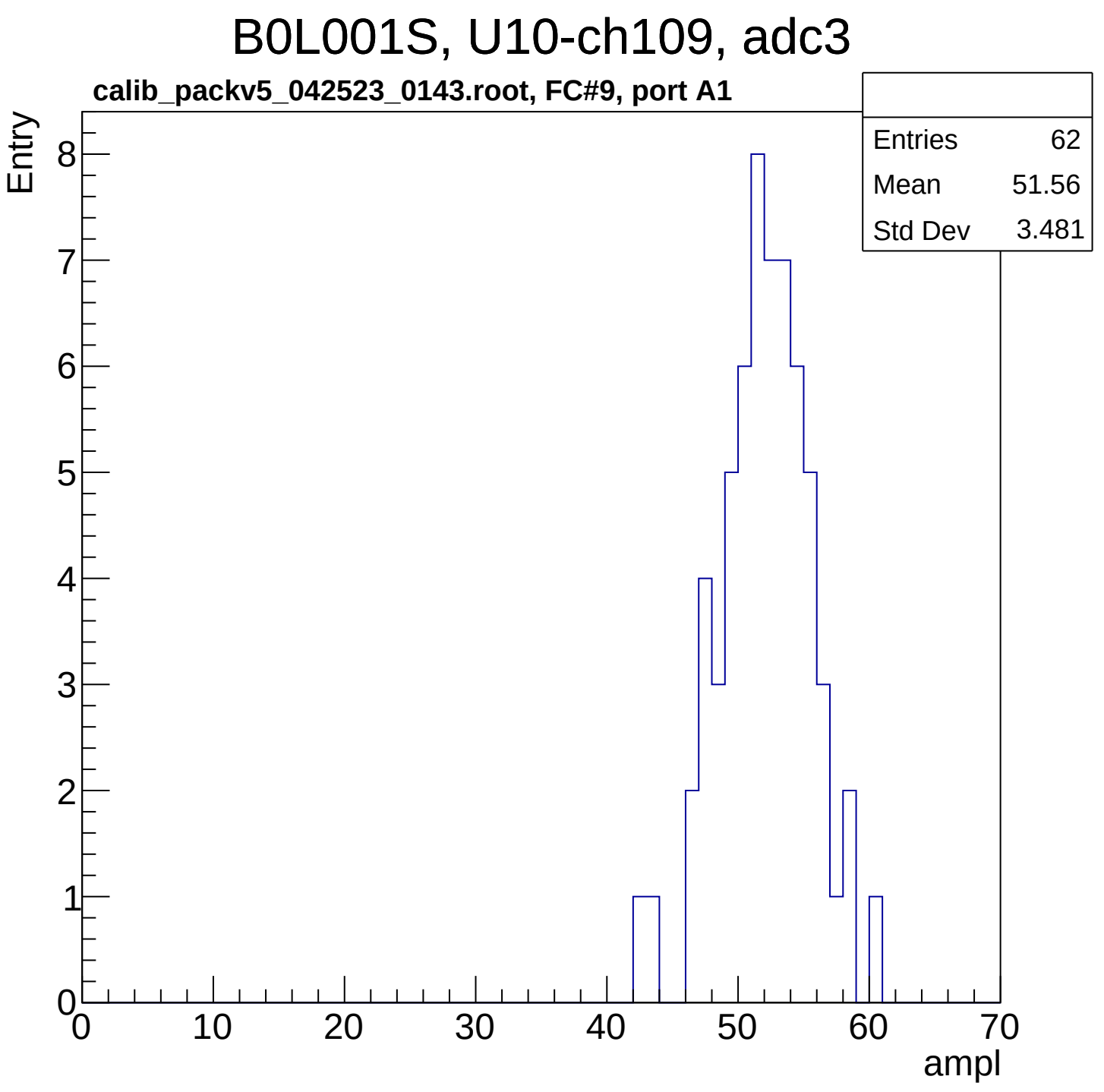
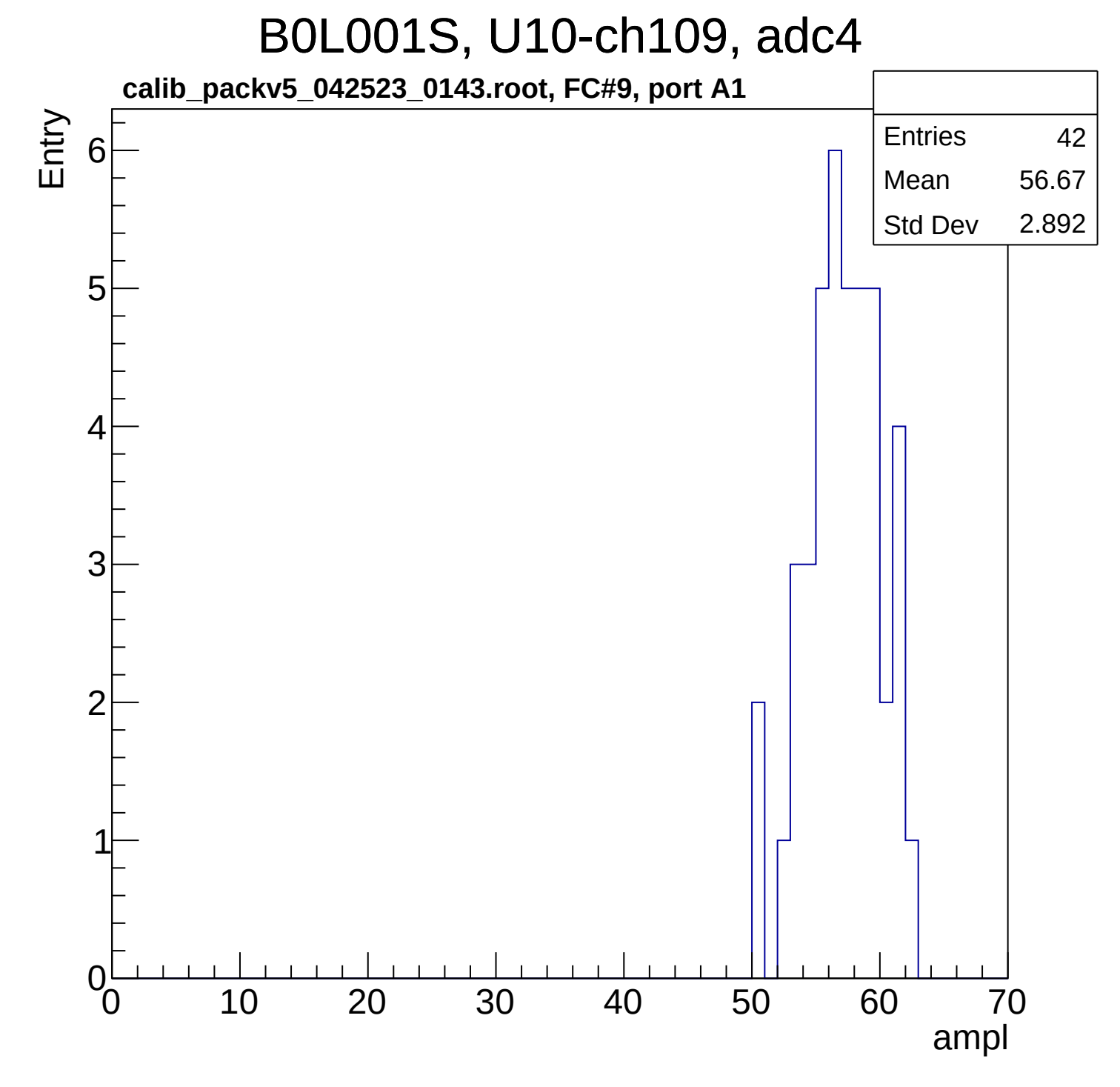
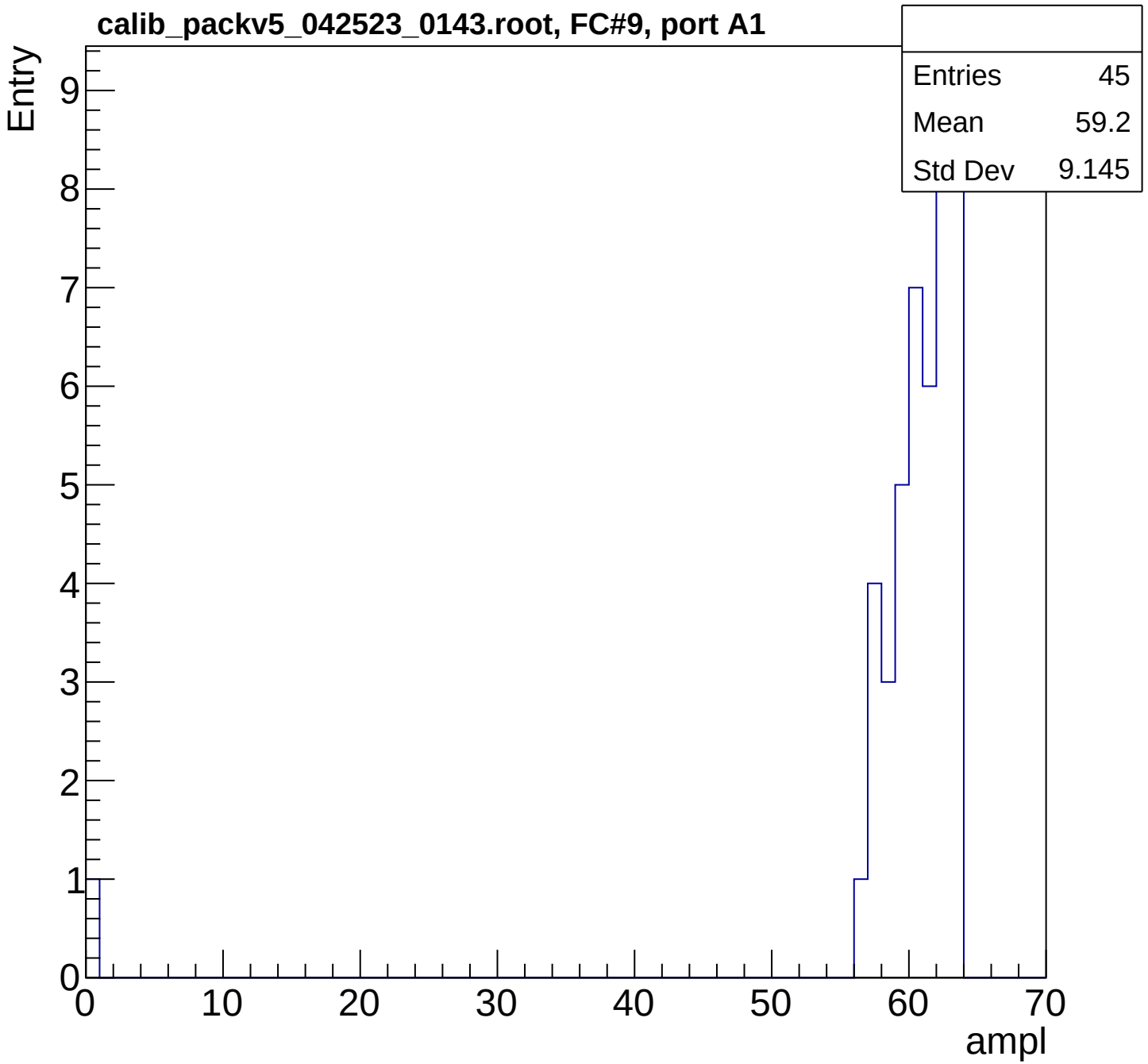
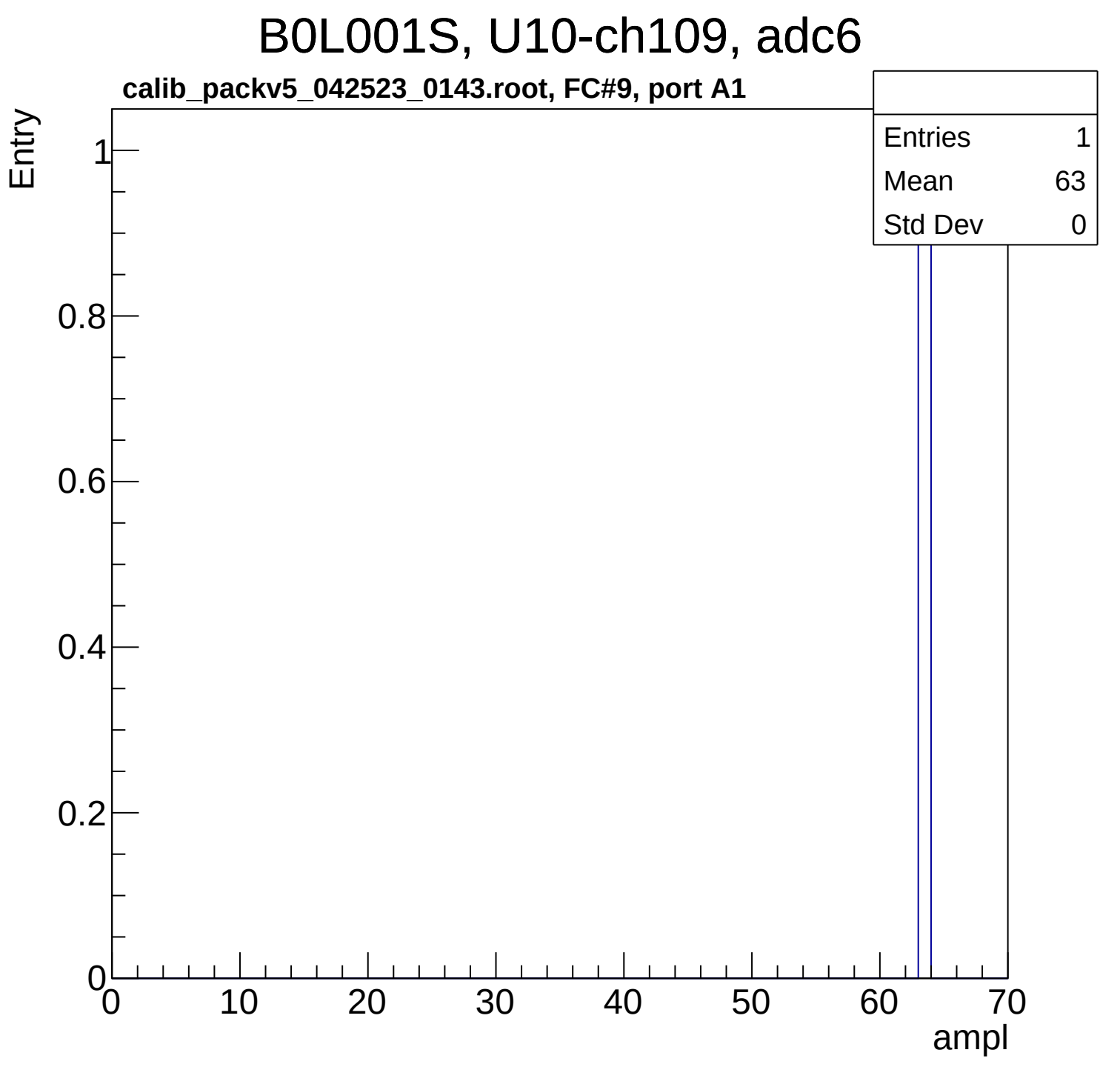
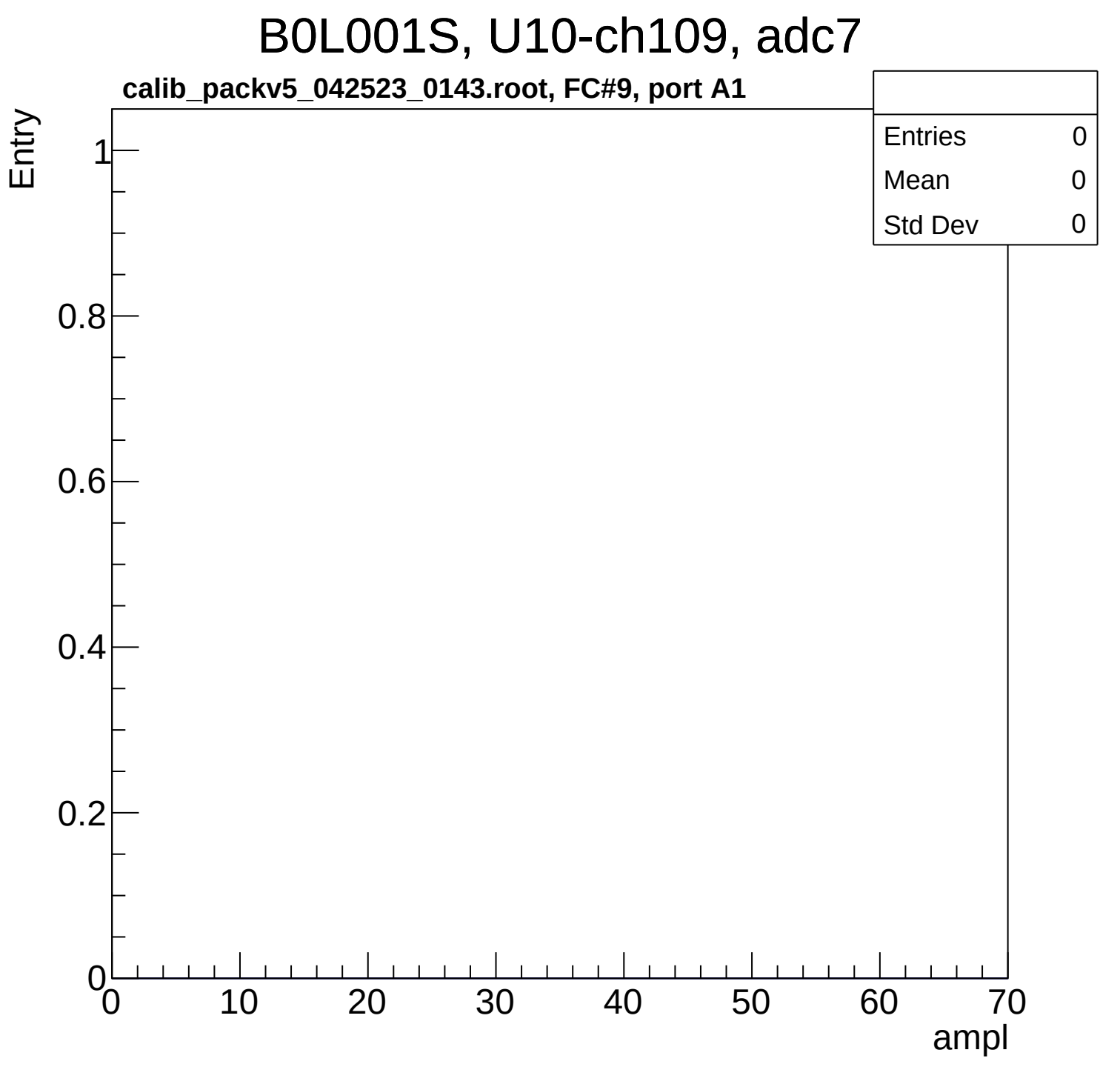

B0L001S, U10-ch109, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 44.91
Std Dev 3.509
Gaus mean : 45.2864
Gaus Width: 3.8031
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

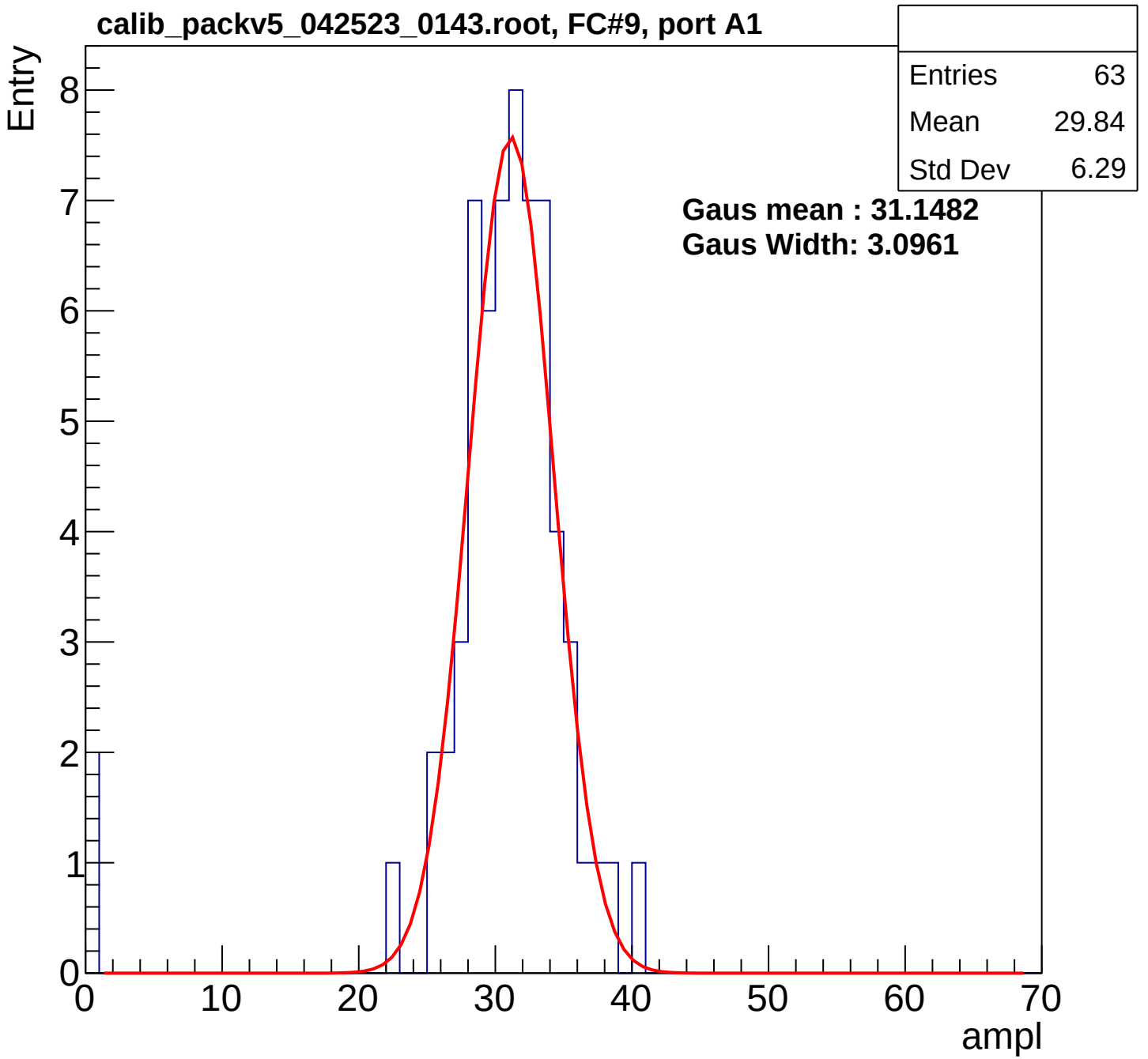

B0L001S, U10-ch109, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 51.56
Std Dev 3.481
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

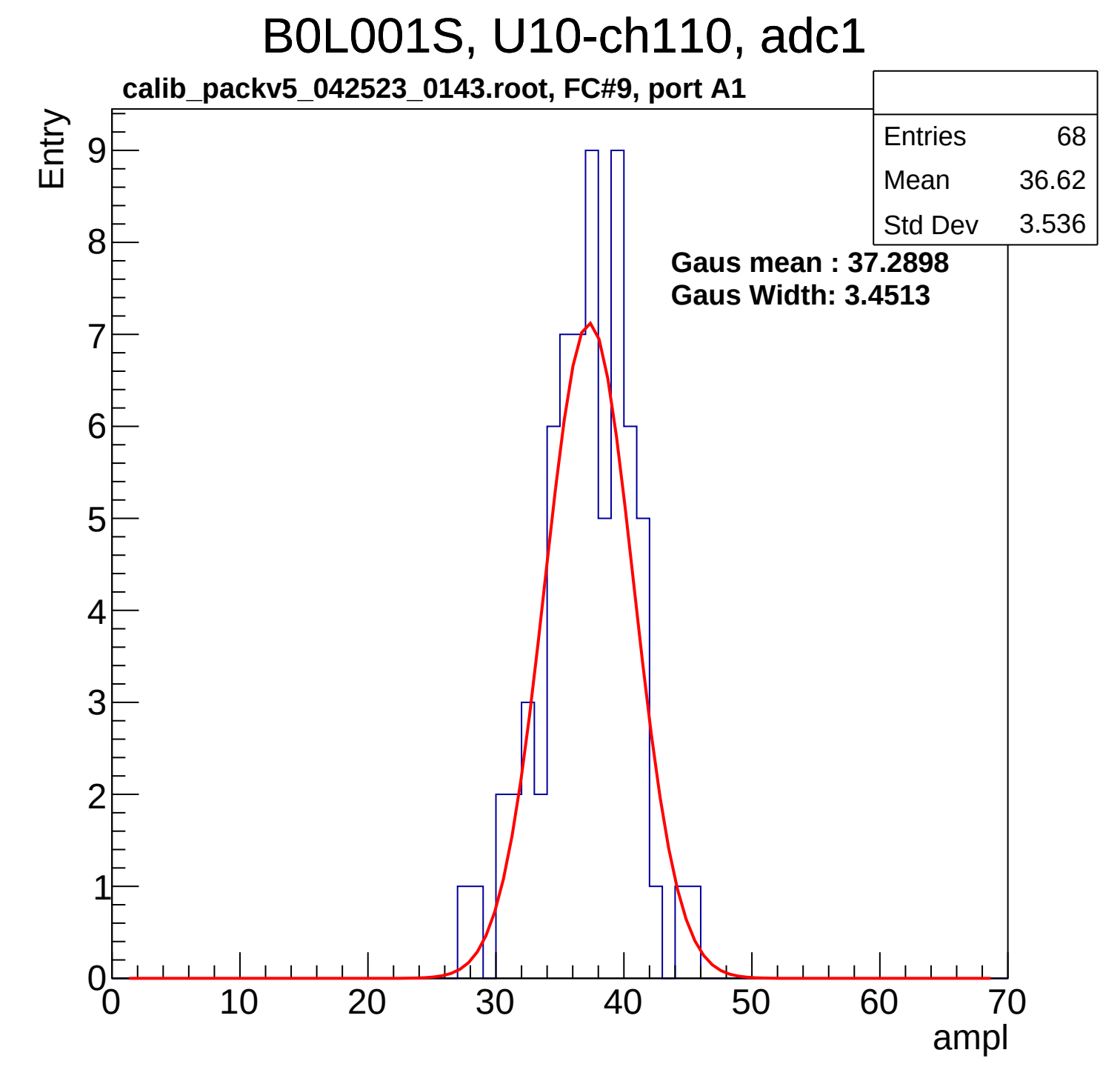

B0L001S, U10-ch109, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 56.67
Std Dev 2.892
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

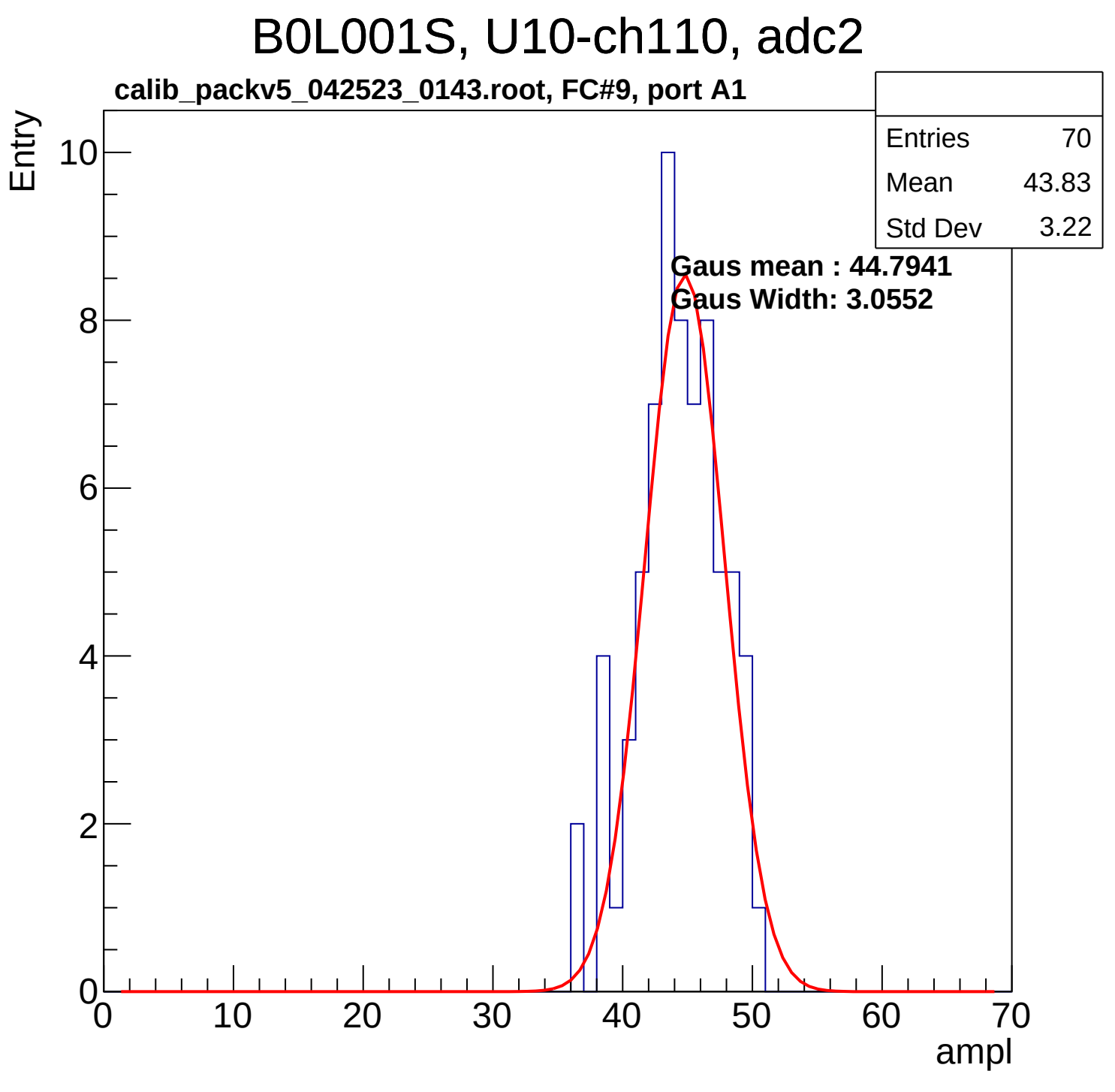

B0L001S, U10-ch109, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 59.2
Std Dev 9.145
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch109, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch109, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch110, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 29.84
Std Dev 6.29
Gaus mean : 31.1482
Gaus Width: 3.0961
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch110, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 36.62
Std Dev 3.536
Gaus mean : 37.2898
Gaus Width: 3.4513
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch110, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 43.83
Std Dev 3.22
Gaus mean : 44.7941
Gaus Width: 3.0552
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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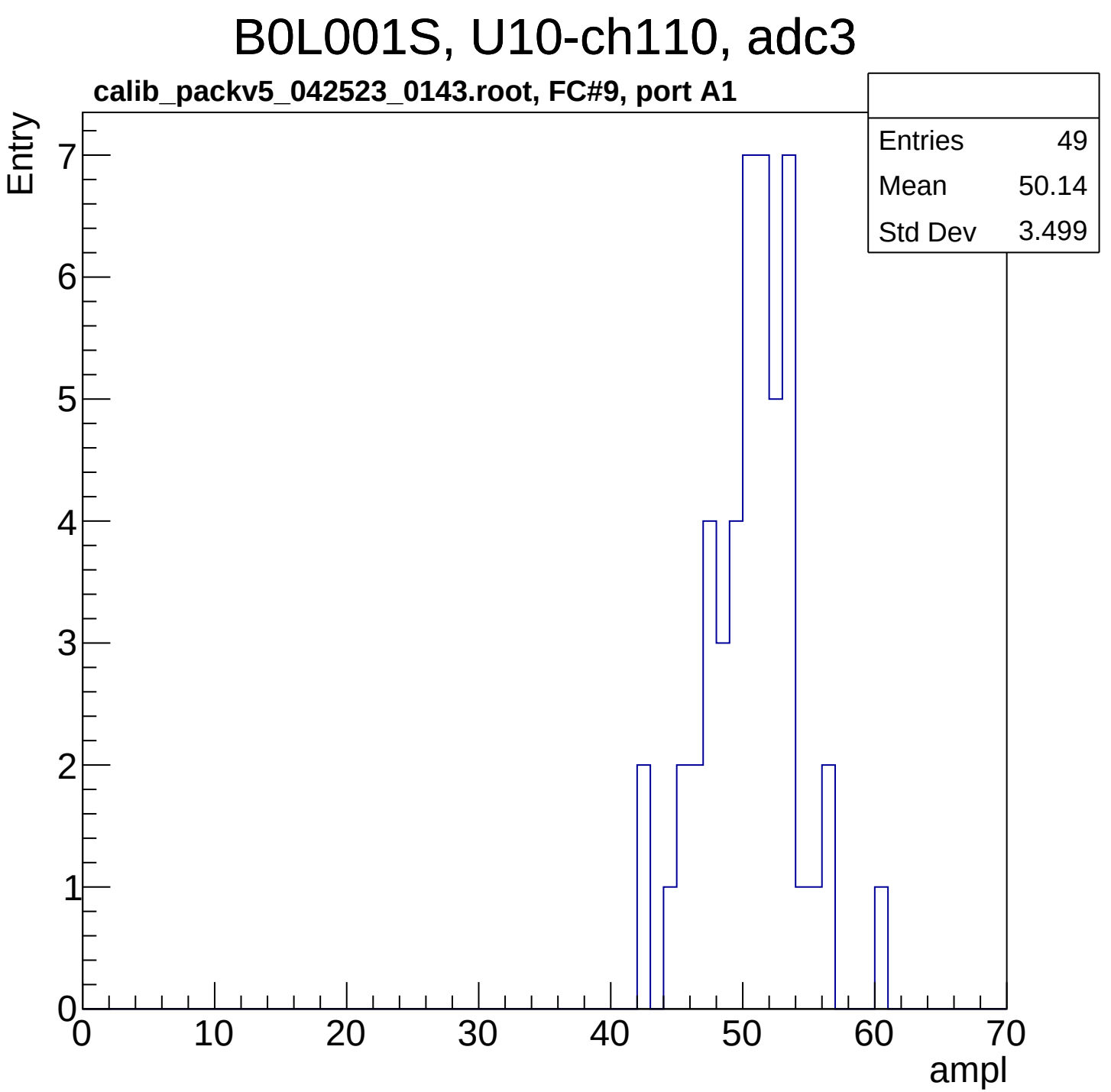
B0L001S, U10-ch110, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 50.14
Std Dev 3.499
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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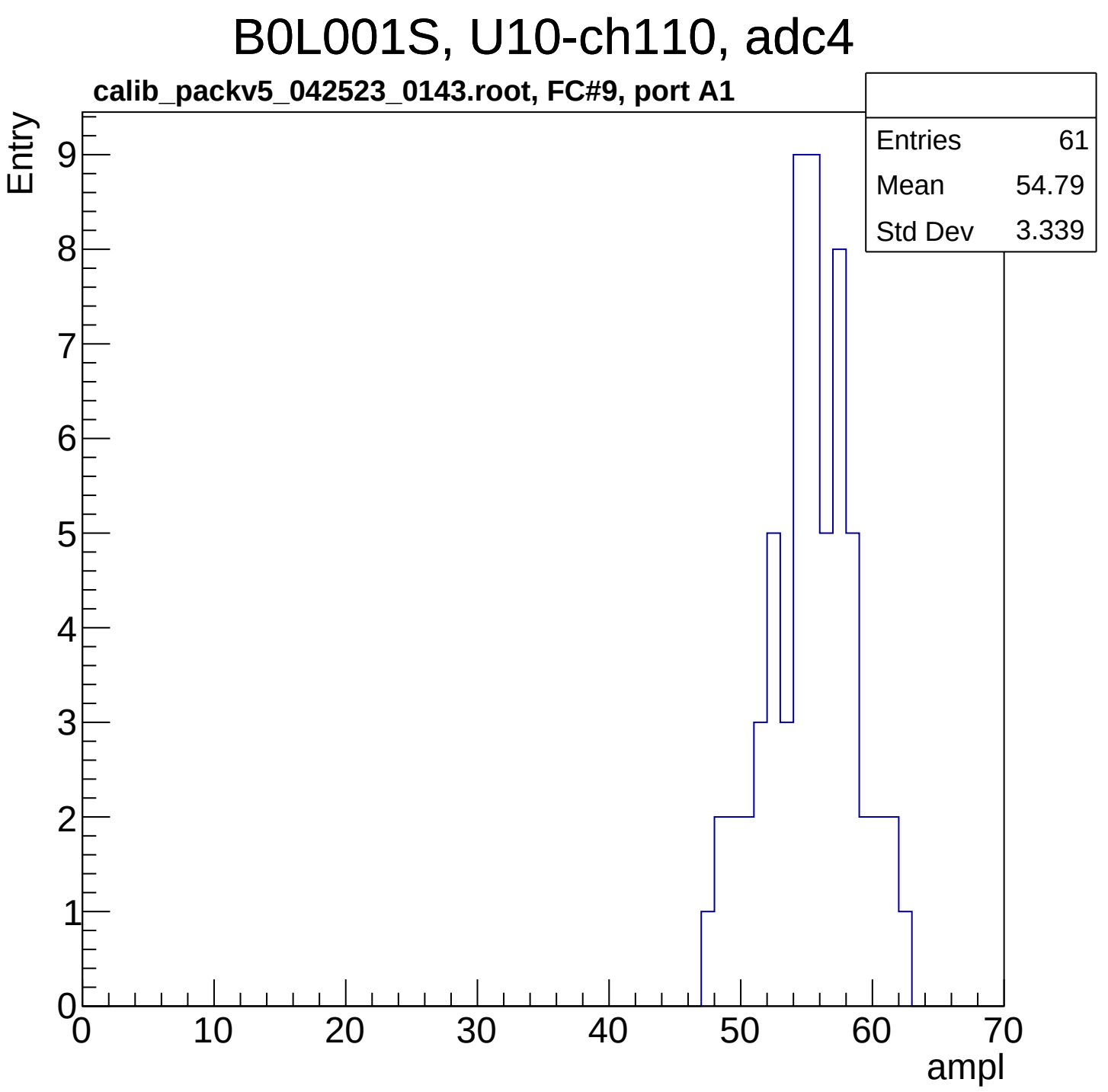
B0L001S, U10-ch110, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 54.79
Std Dev 3.339
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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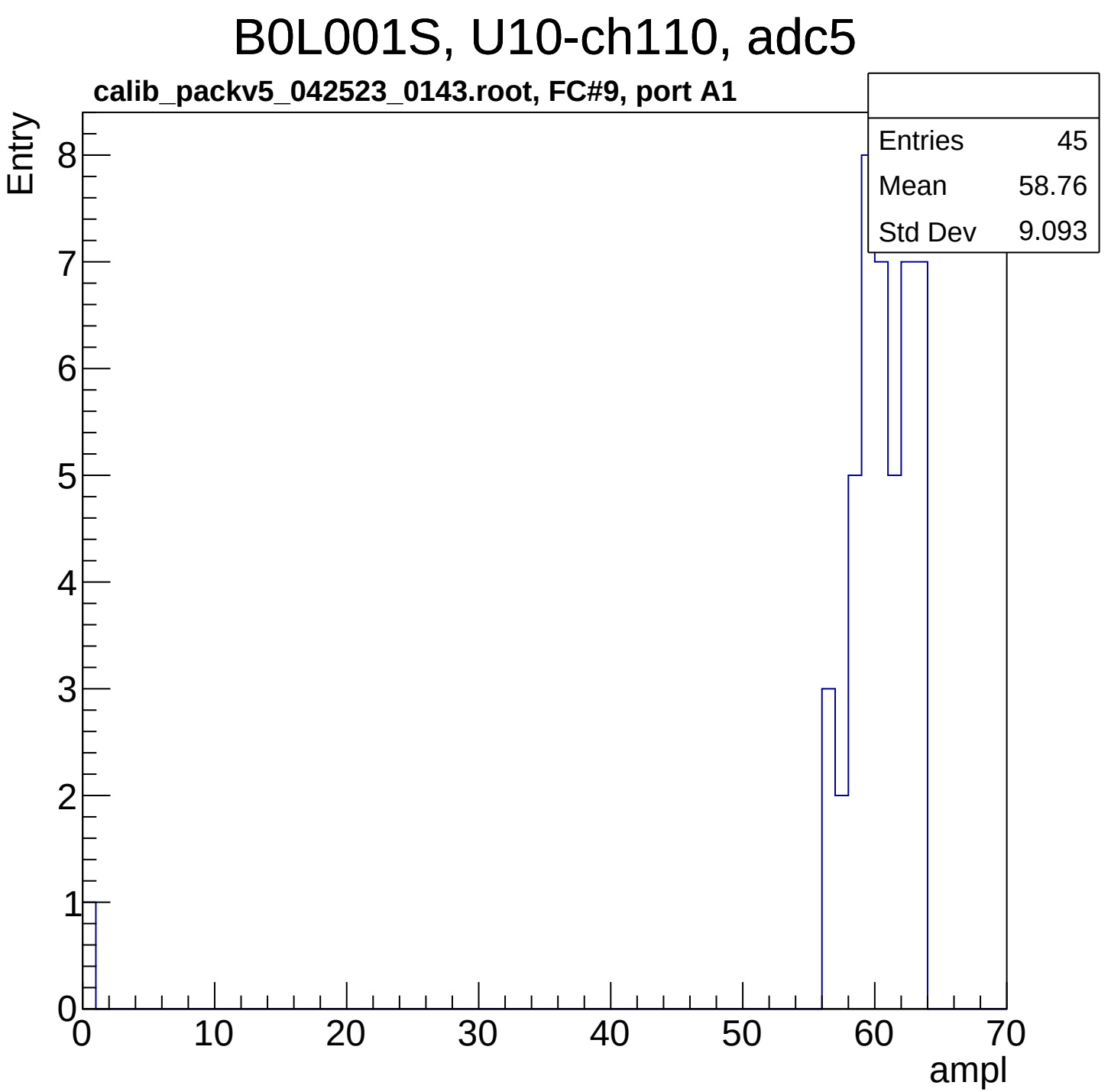
B0L001S, U10-ch110, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 58.76
Std Dev 9.093
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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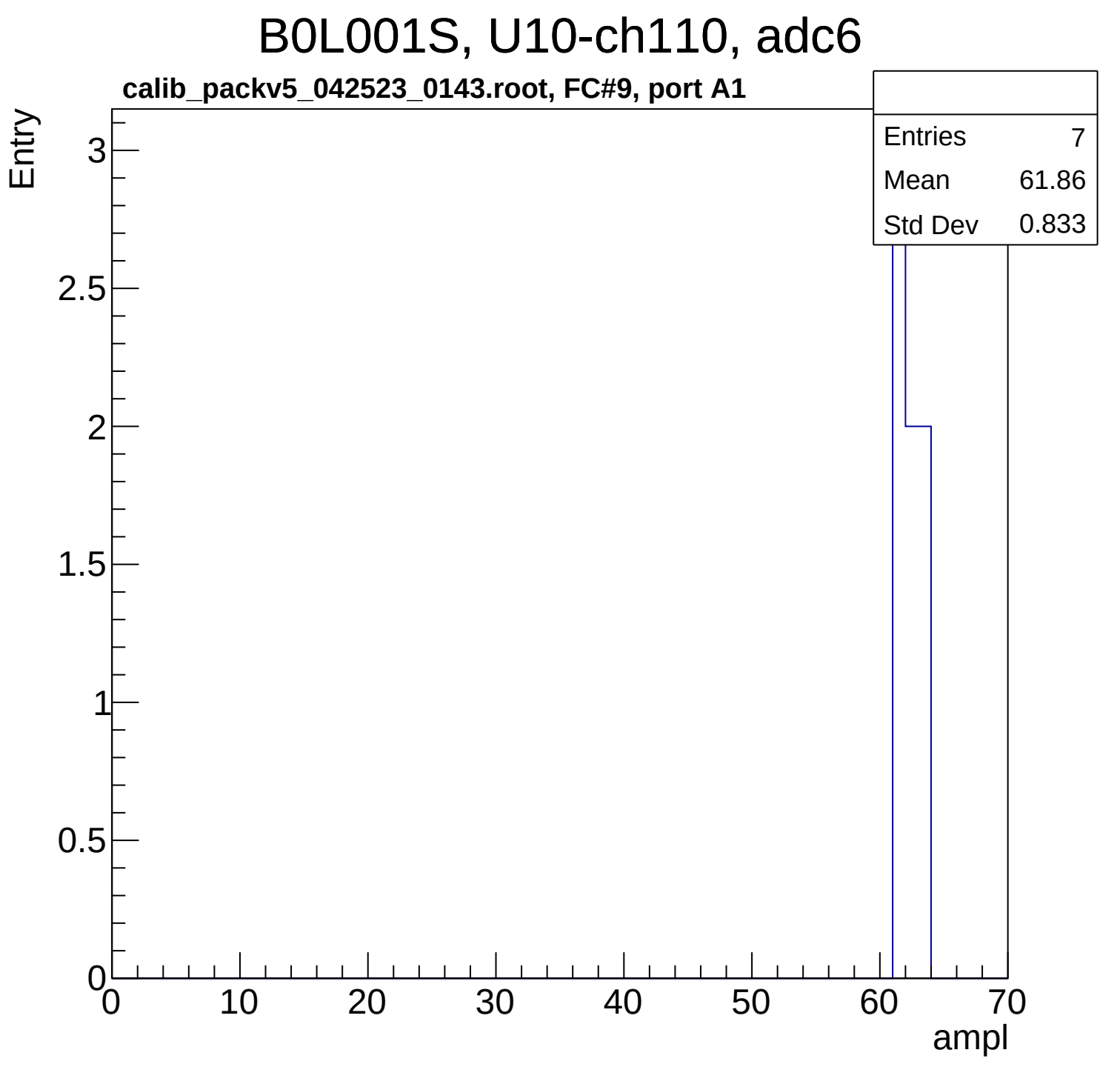
B0L001S, U10-ch110, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 61.86
Std Dev 0.833
Entry
ampl
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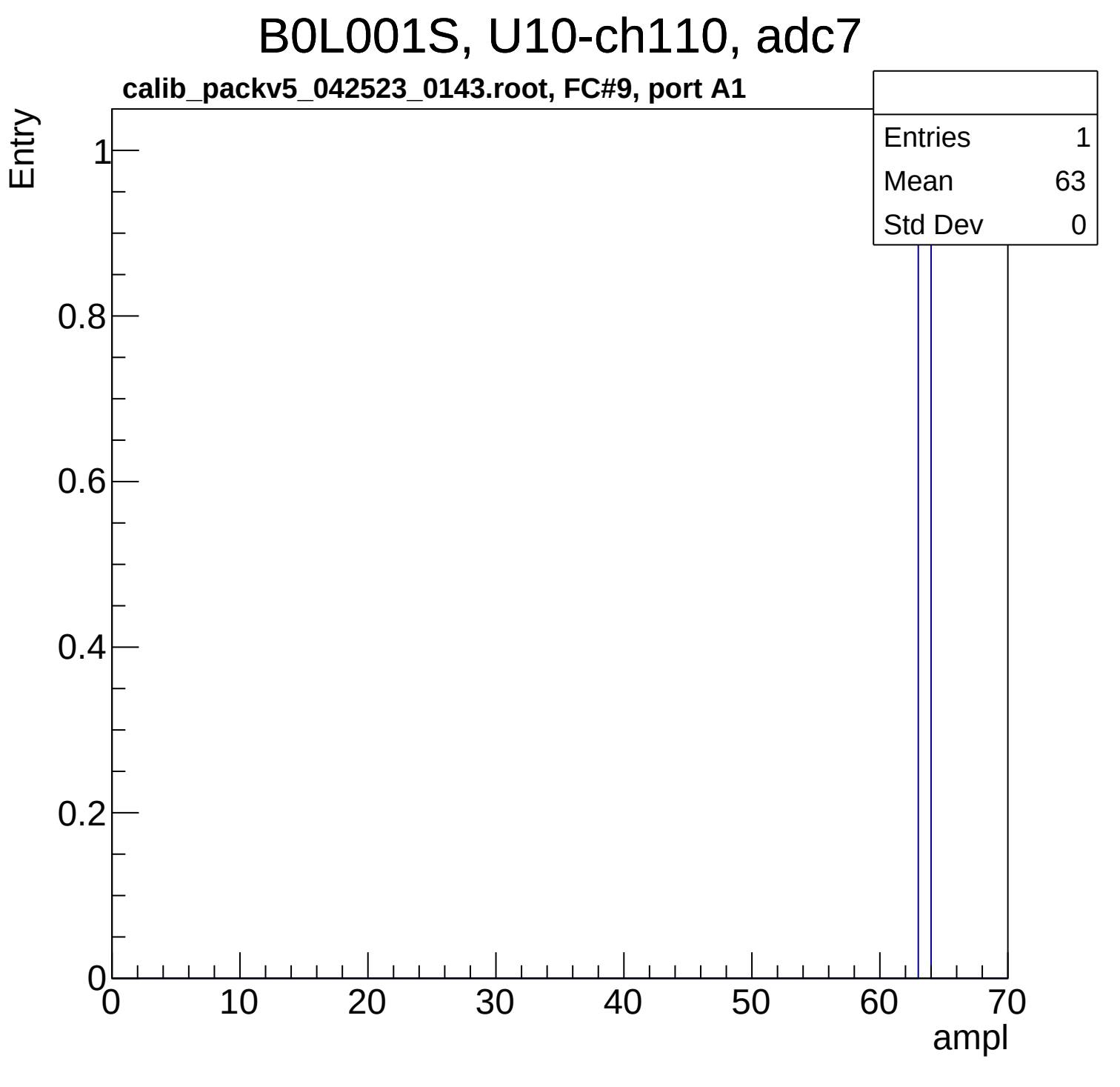
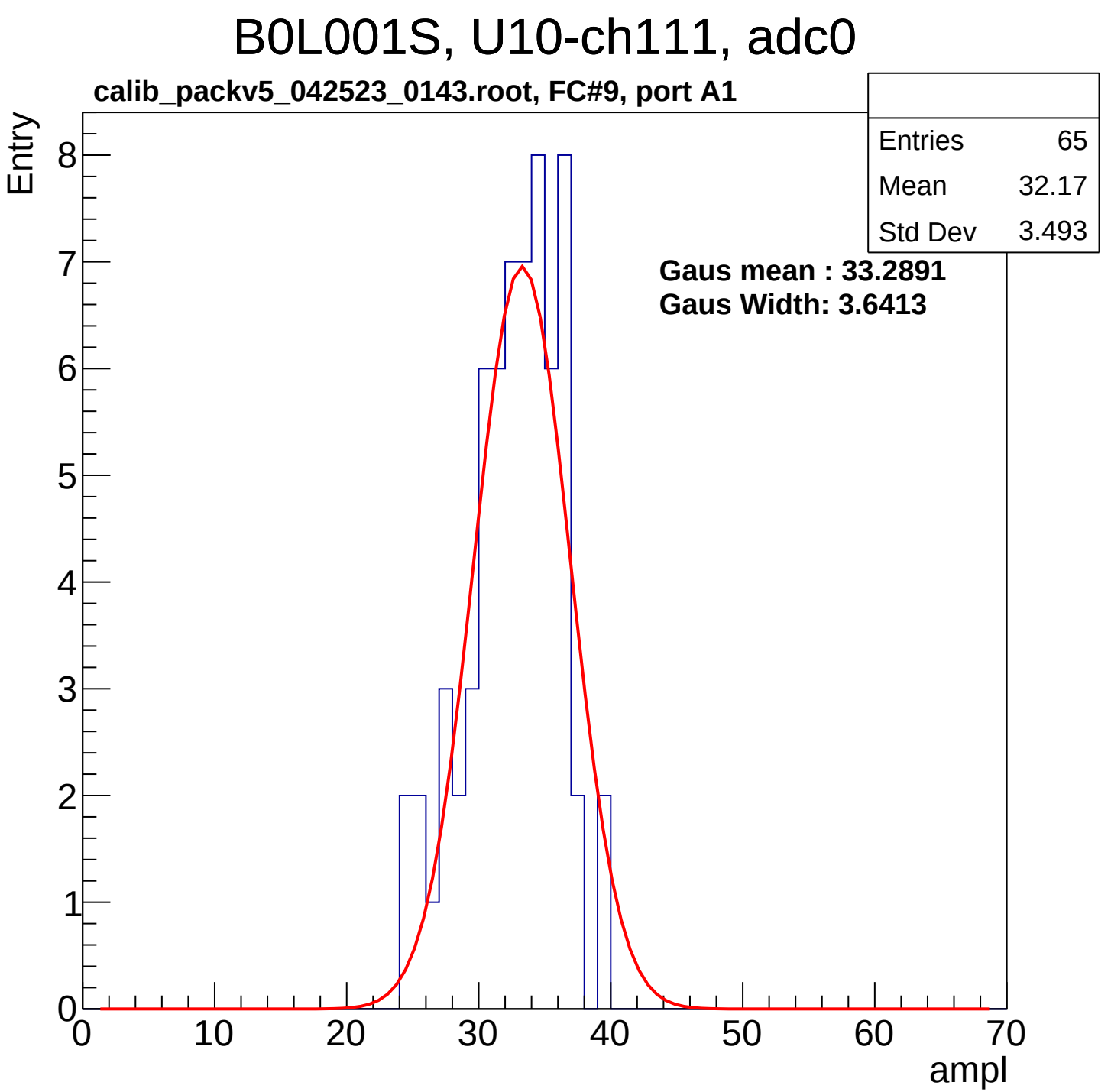
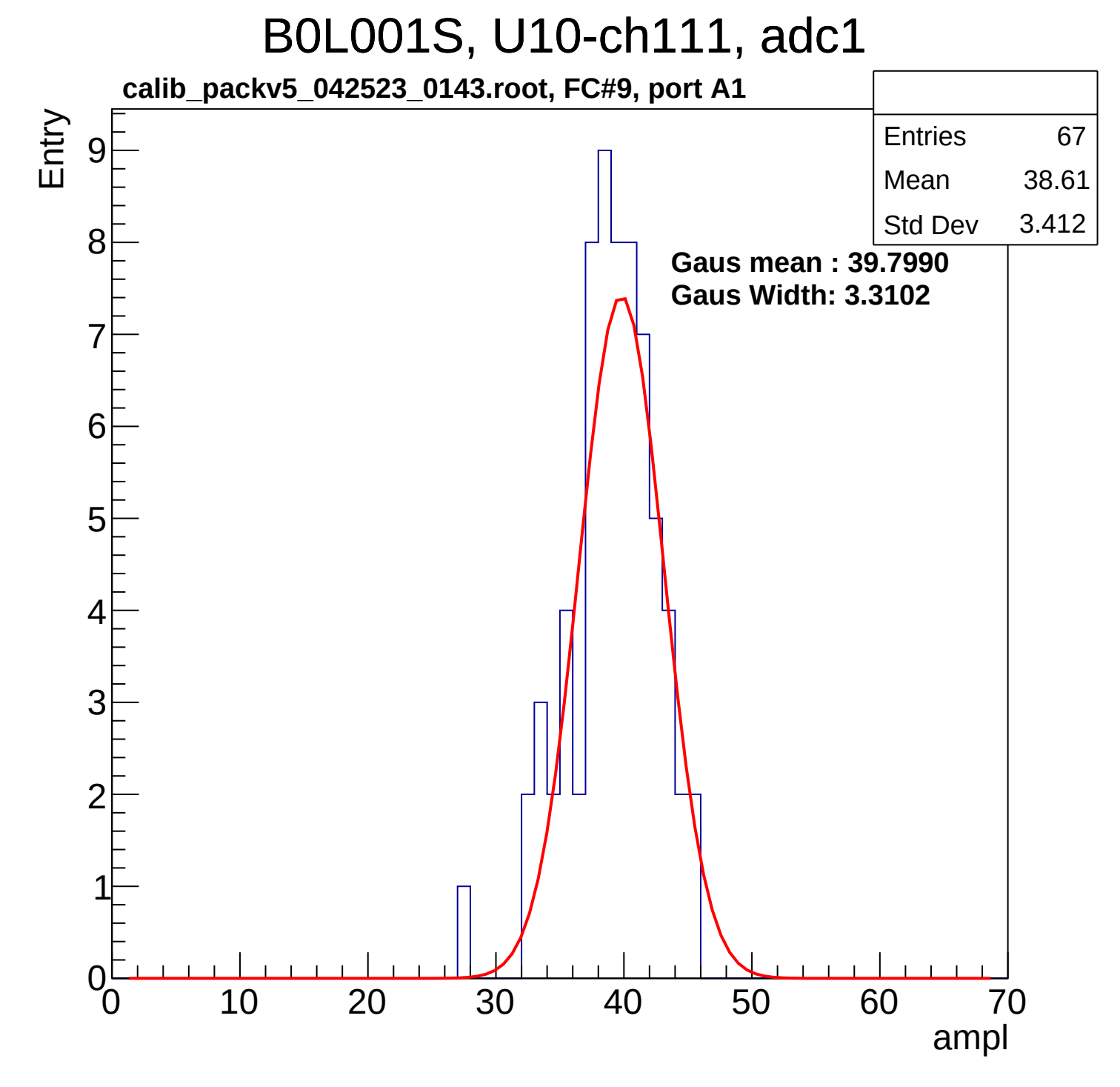
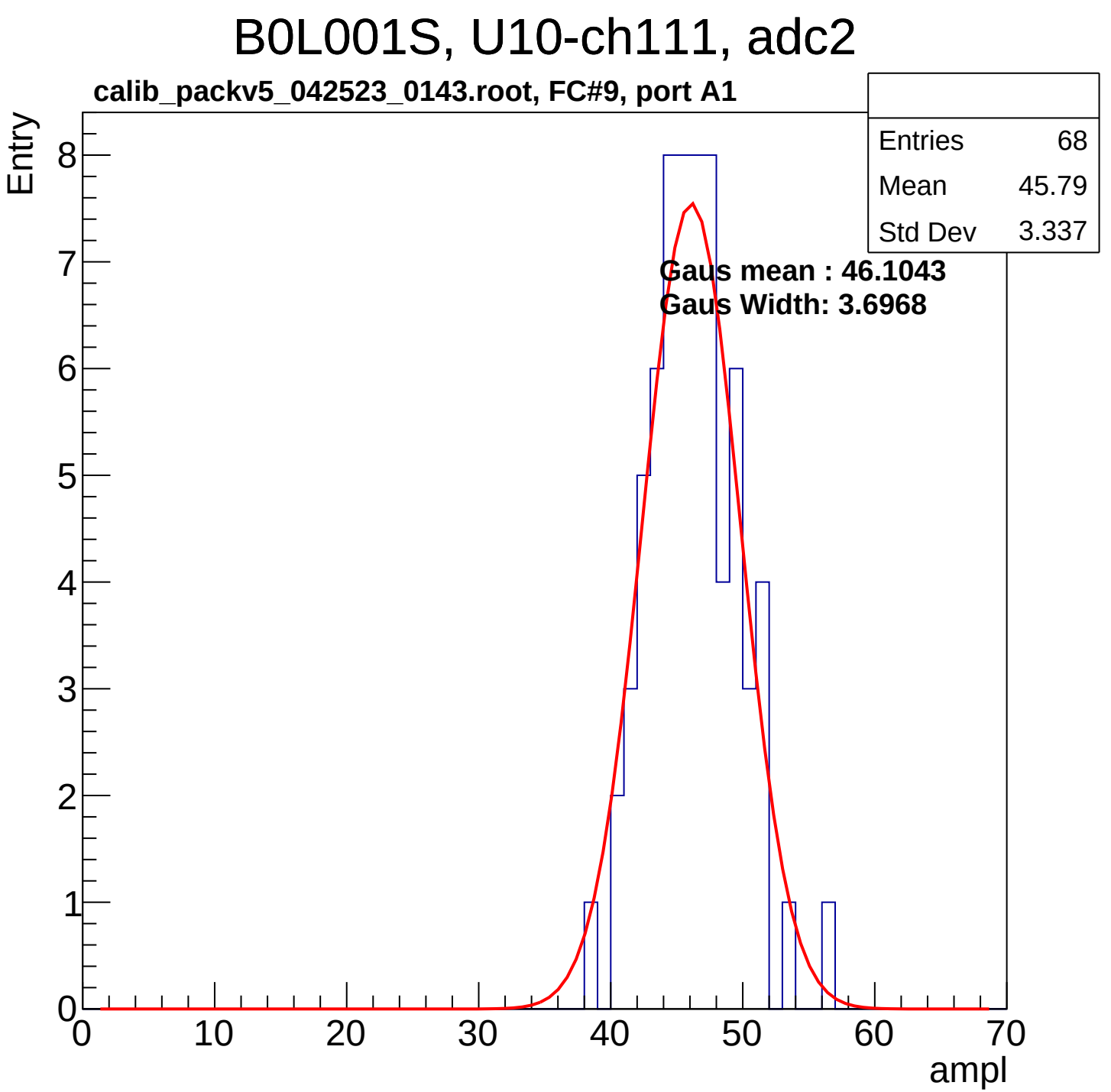
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch110, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch111, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 32.17
Std Dev 3.493
Gaus mean : 33.2891
Gaus Width: 3.6413
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch111, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 38.61
Std Dev 3.412
Gaus mean : 39.7990
Gaus Width: 3.3102
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch111, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 45.79
Std Dev 3.337
Gaus mean : 46.1043
Gaus Width: 3.6968
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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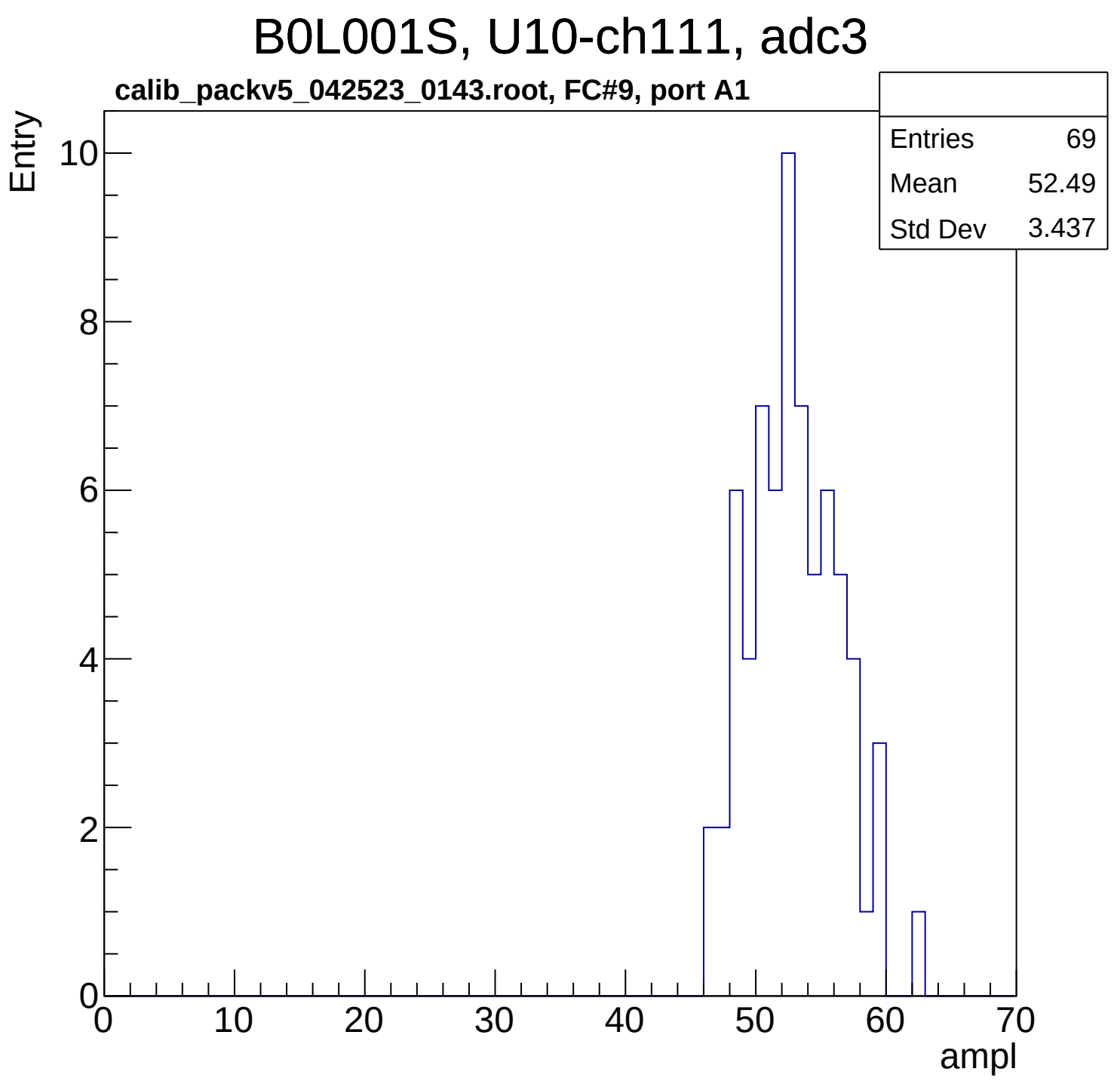
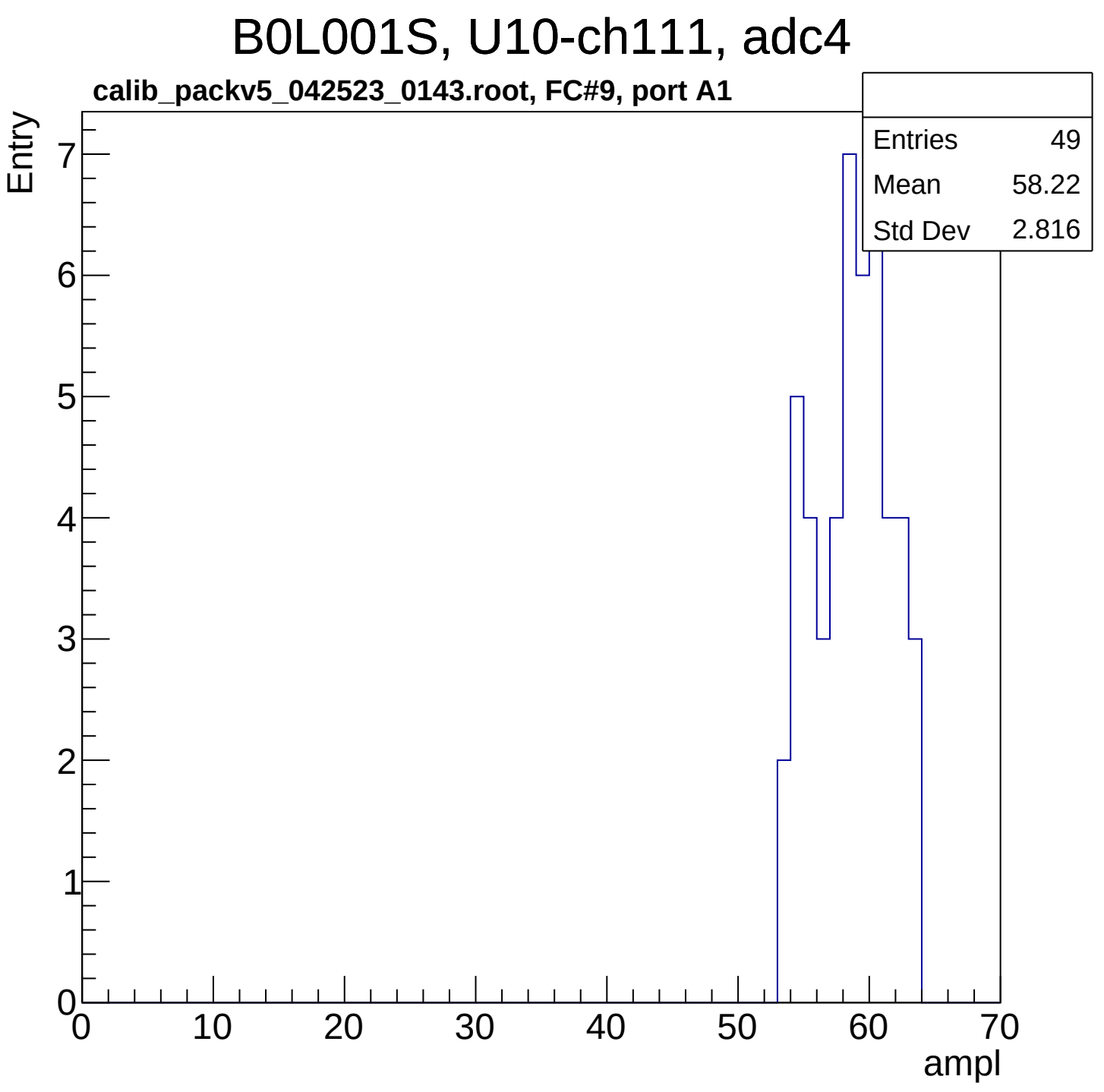
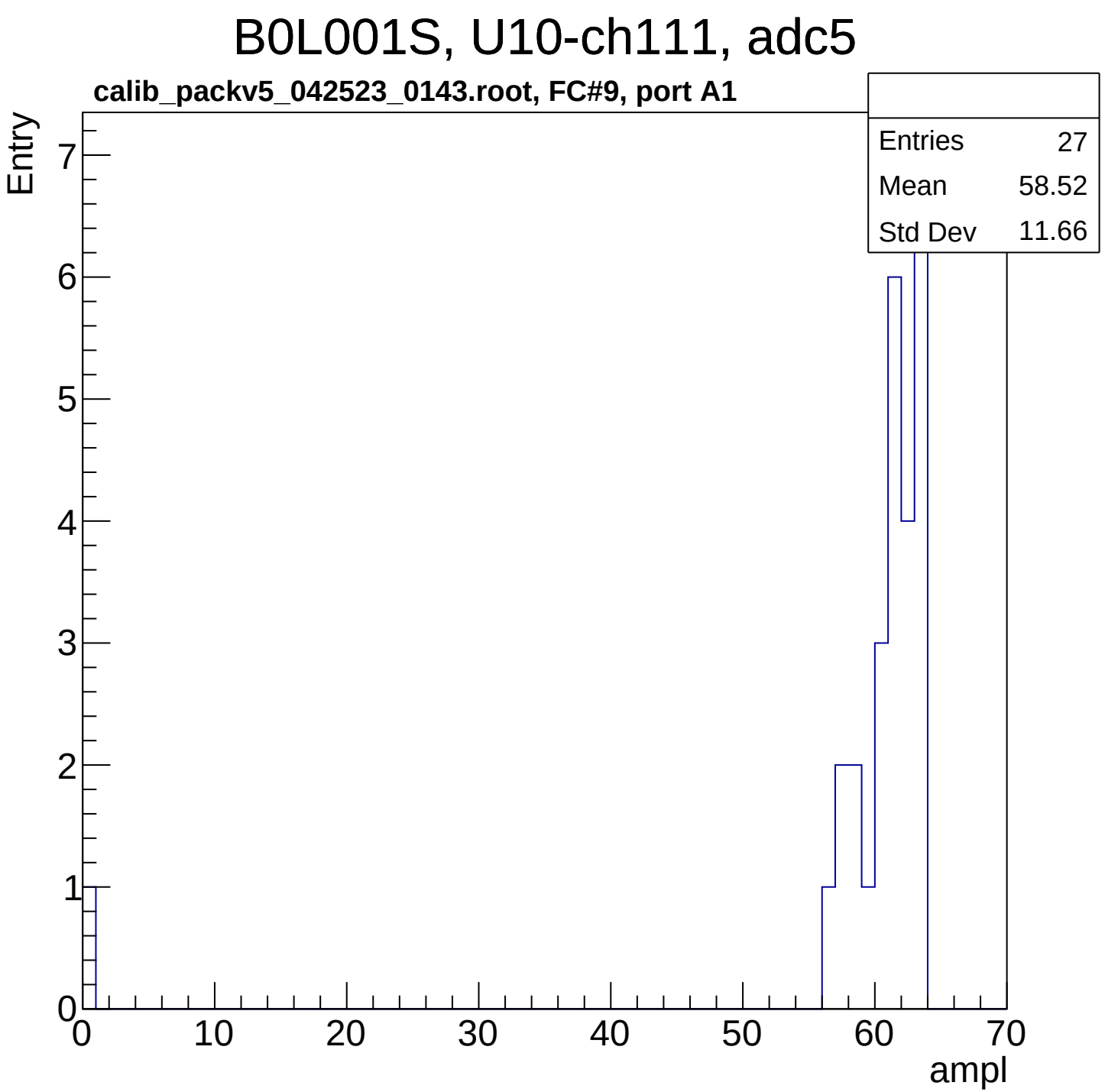
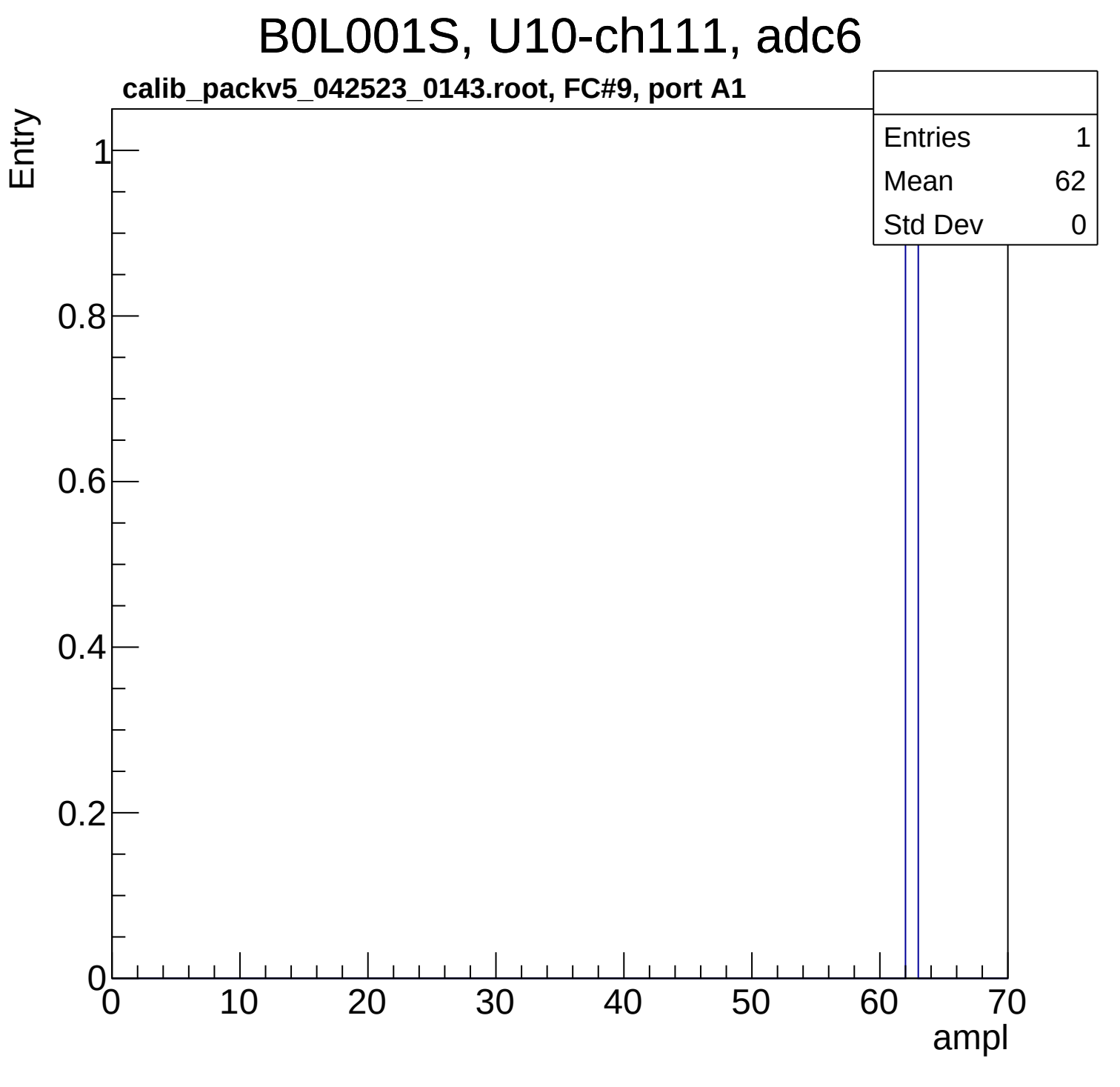

B0L001S, U10-ch111, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 52.49
Std Dev 3.437
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch111, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 58.22
Std Dev 2.816
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch111, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.52
Std Dev 11.66
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch111, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
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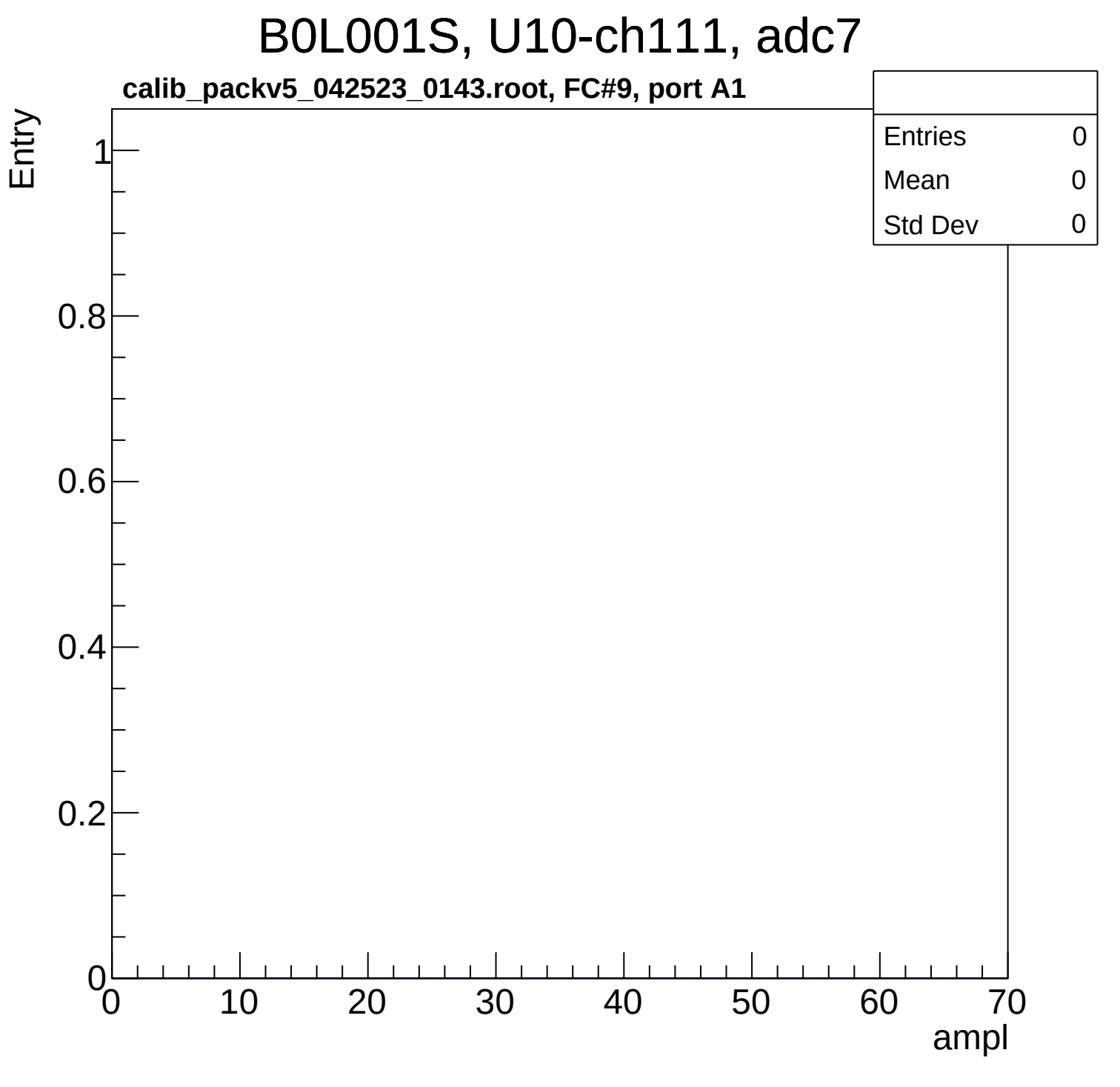
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch111, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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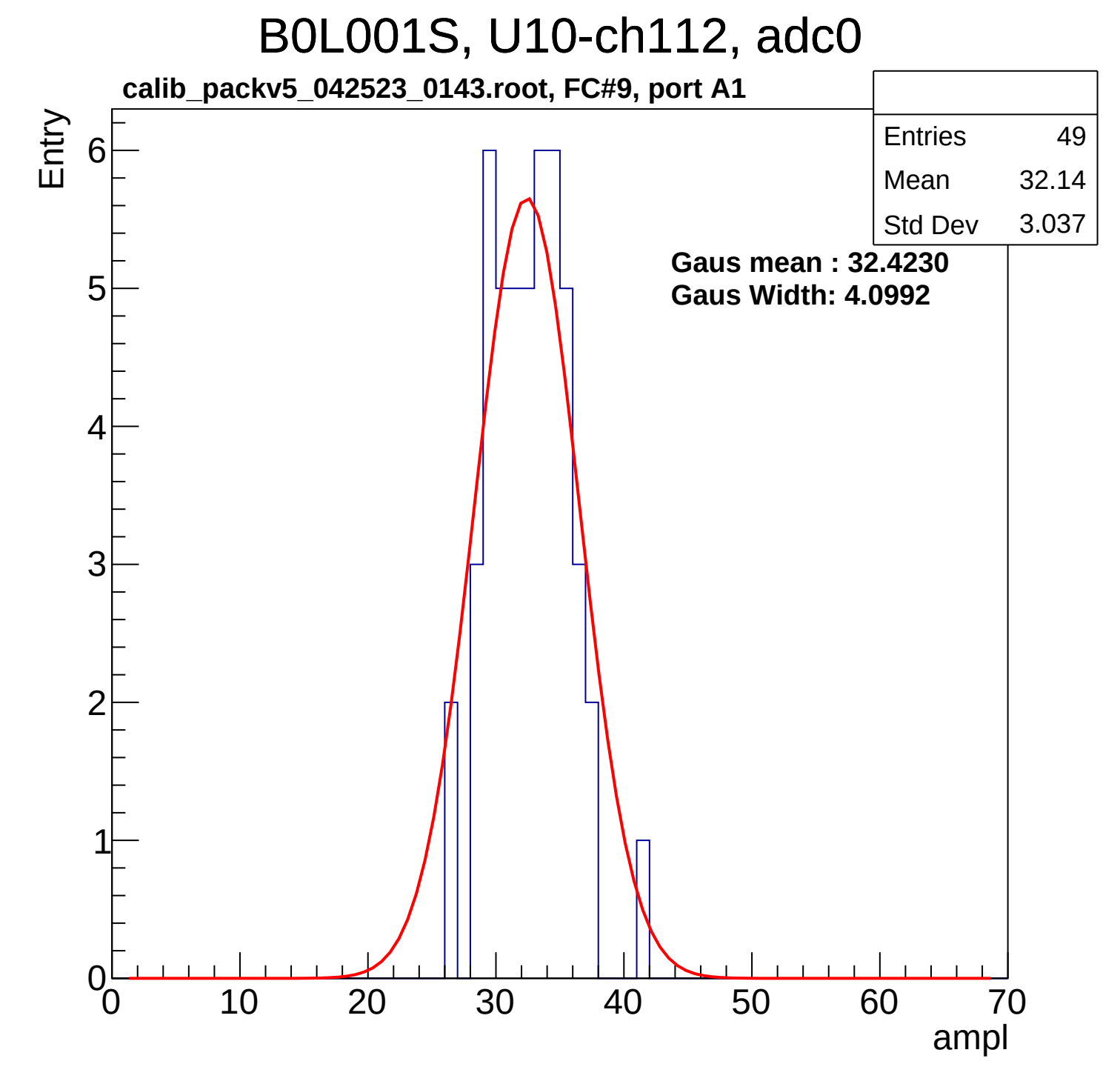
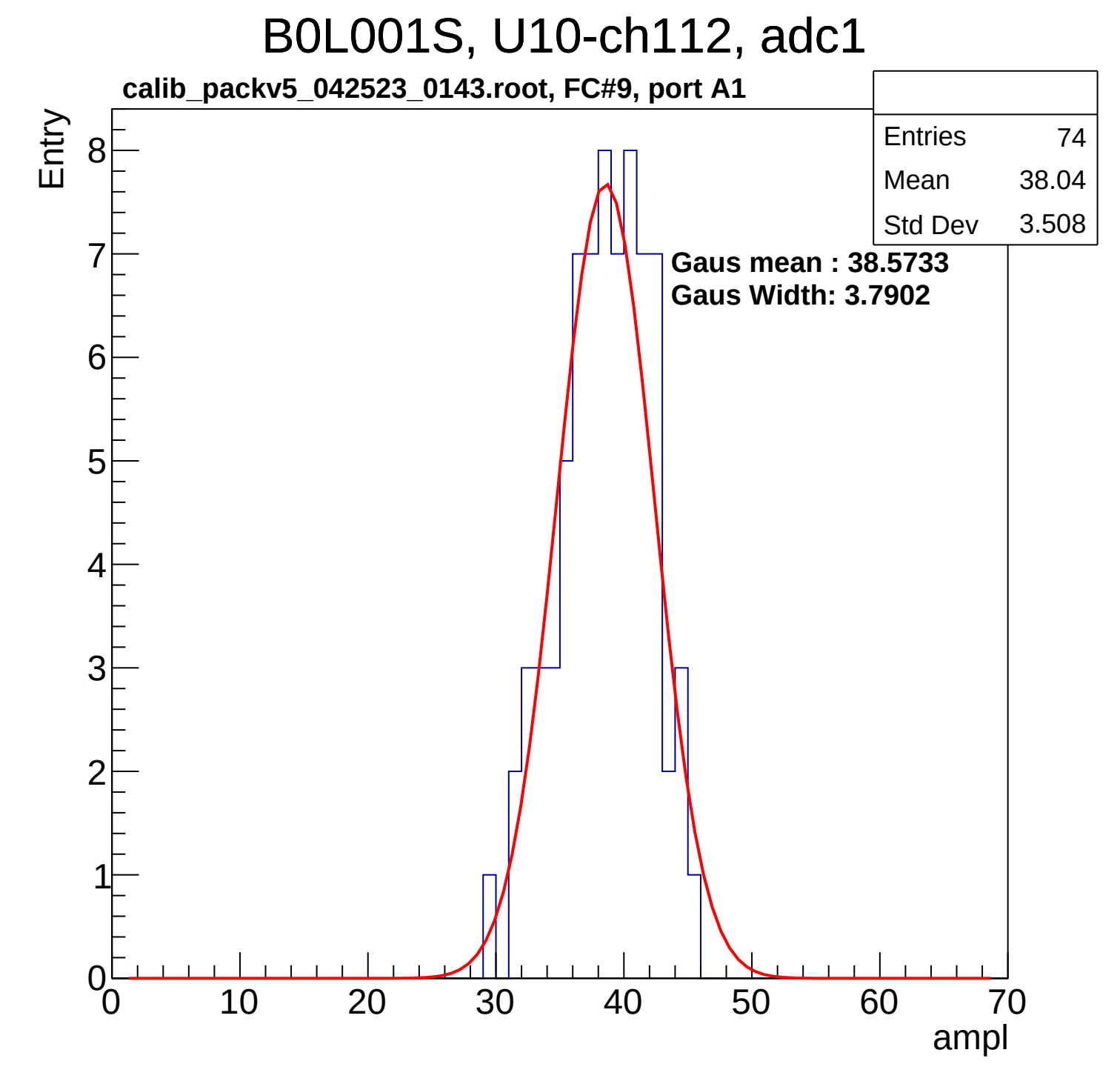
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch112, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 32.14
Std Dev 3.037
Gaus mean : 32.4230
Gaus Width: 4.0992
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B0L001S, U10-ch112, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 38.04
Std Dev 3.508
Gaus mean : 38.5733
Gaus Width: 3.7902
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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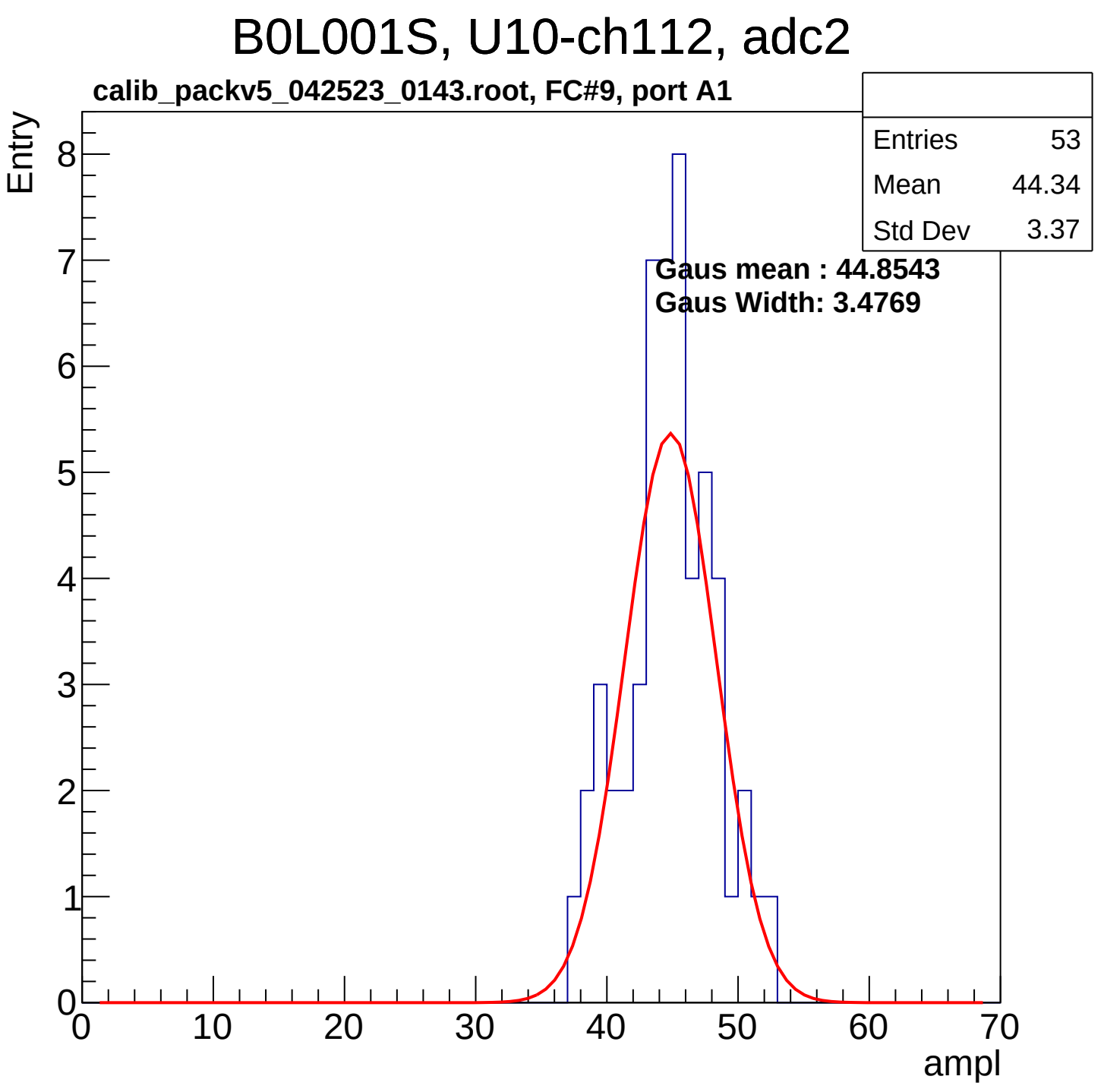
B0L001S, U10-ch112, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 44.34
Std Dev 3.37
Gaus mean : 44.8543
Gaus Width: 3.4769
Entry
ampl
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1
2
3
4
5
6
7
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0
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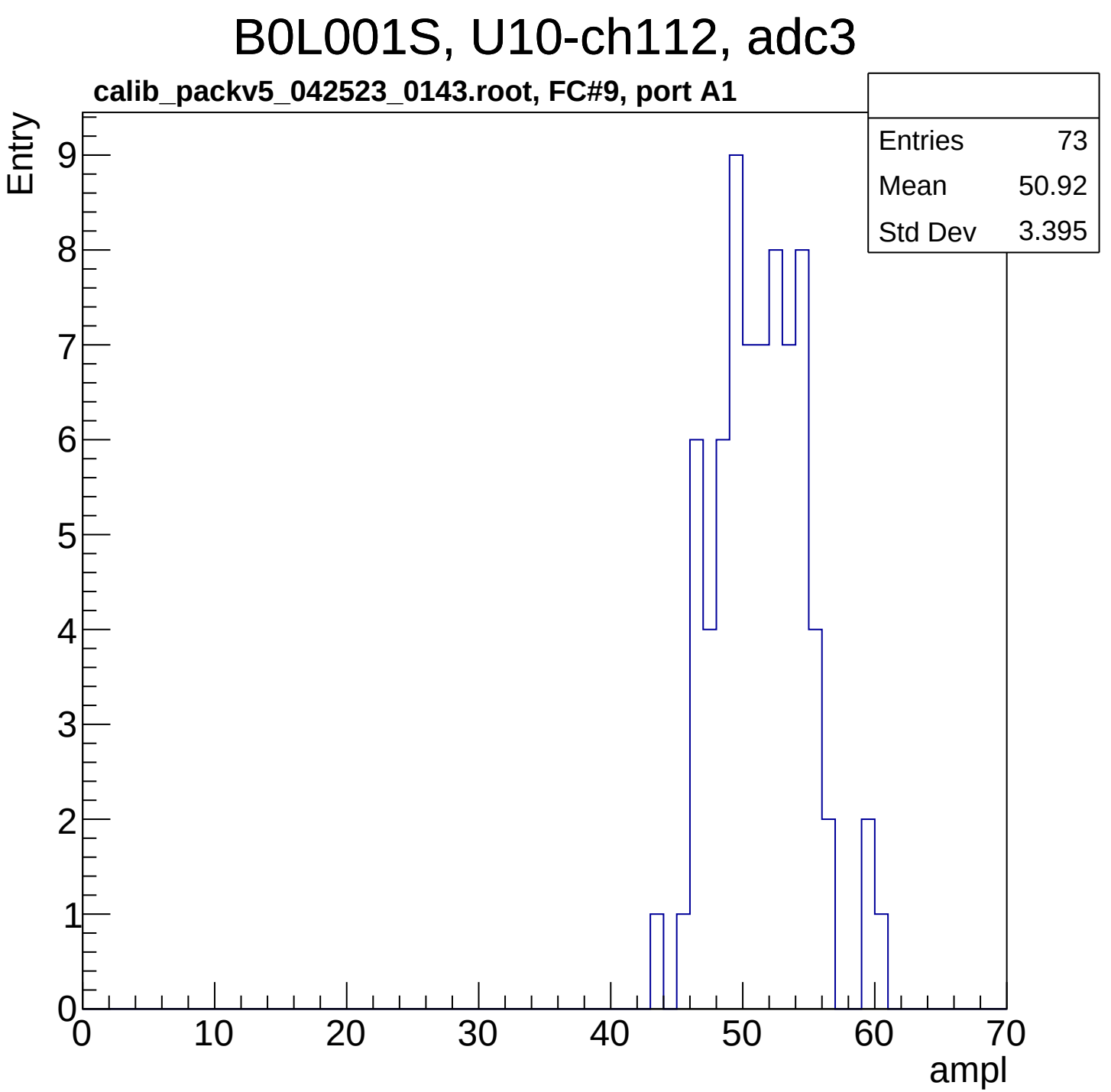
B0L001S, U10-ch112, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 50.92
Std Dev 3.395
Entry
ampl
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2
3
4
5
6
7
8
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0
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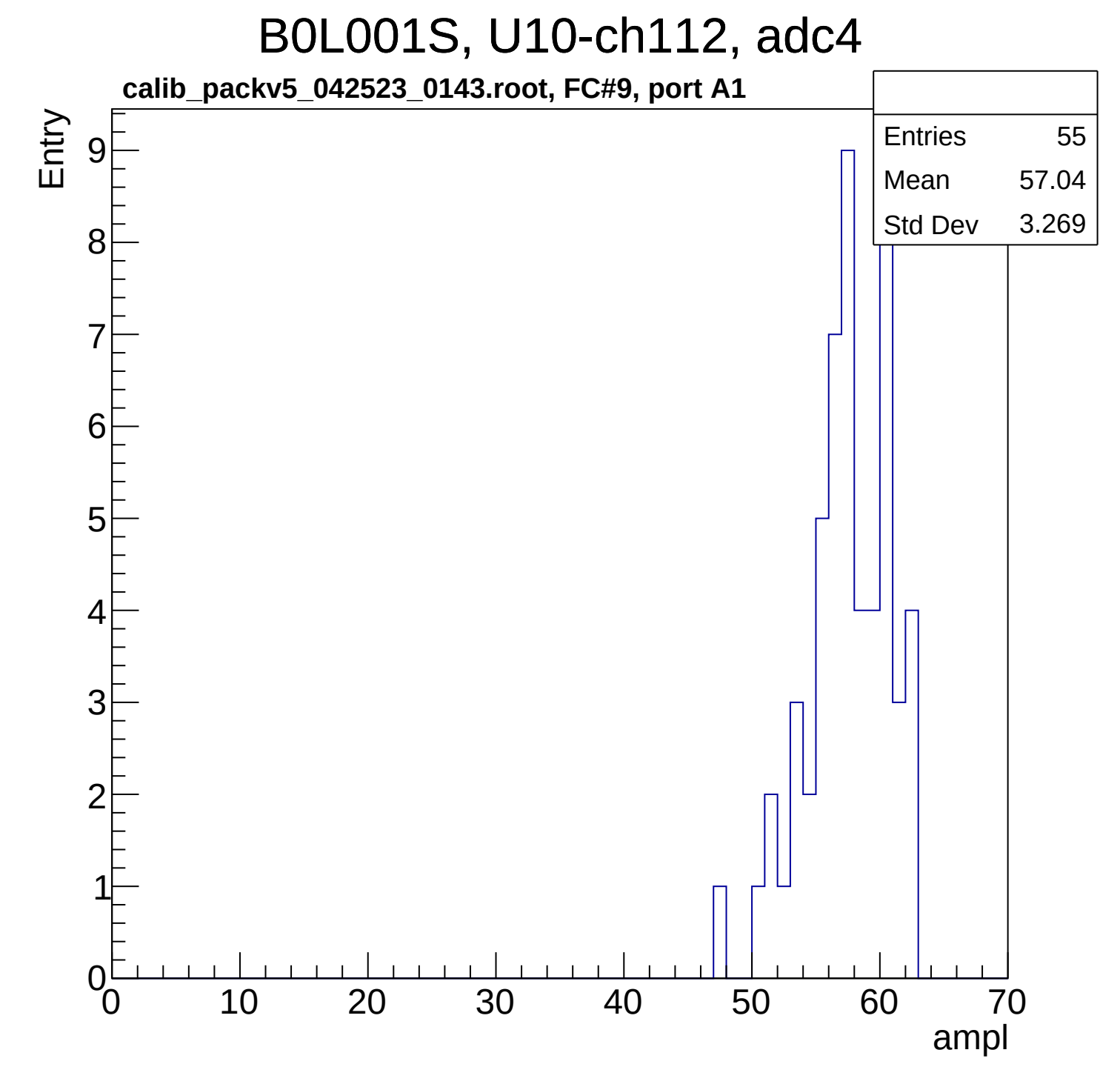
B0L001S, U10-ch112, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 57.04
Std Dev 3.269
Entry
ampl
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2
3
4
5
6
7
8
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0
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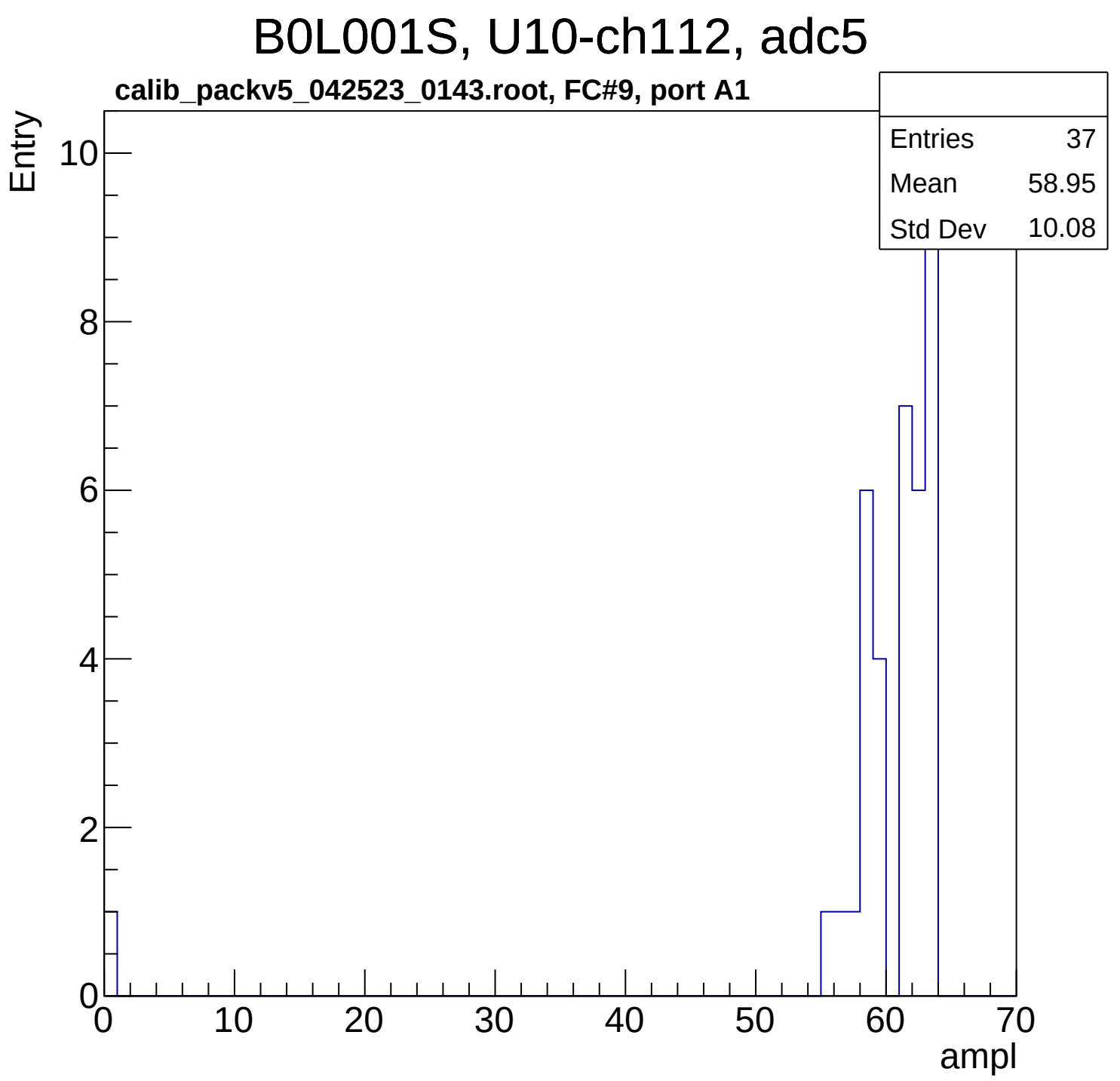
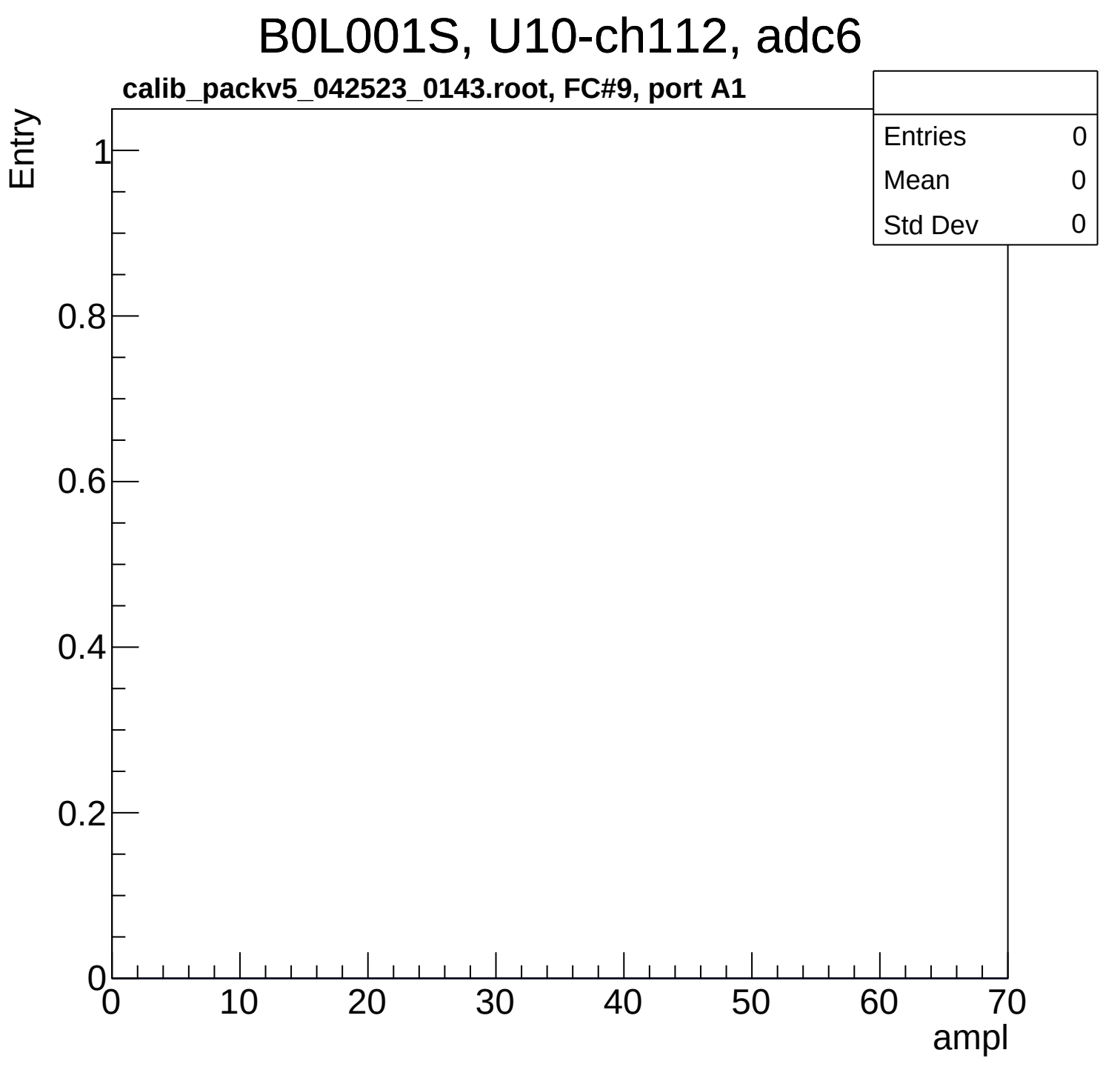
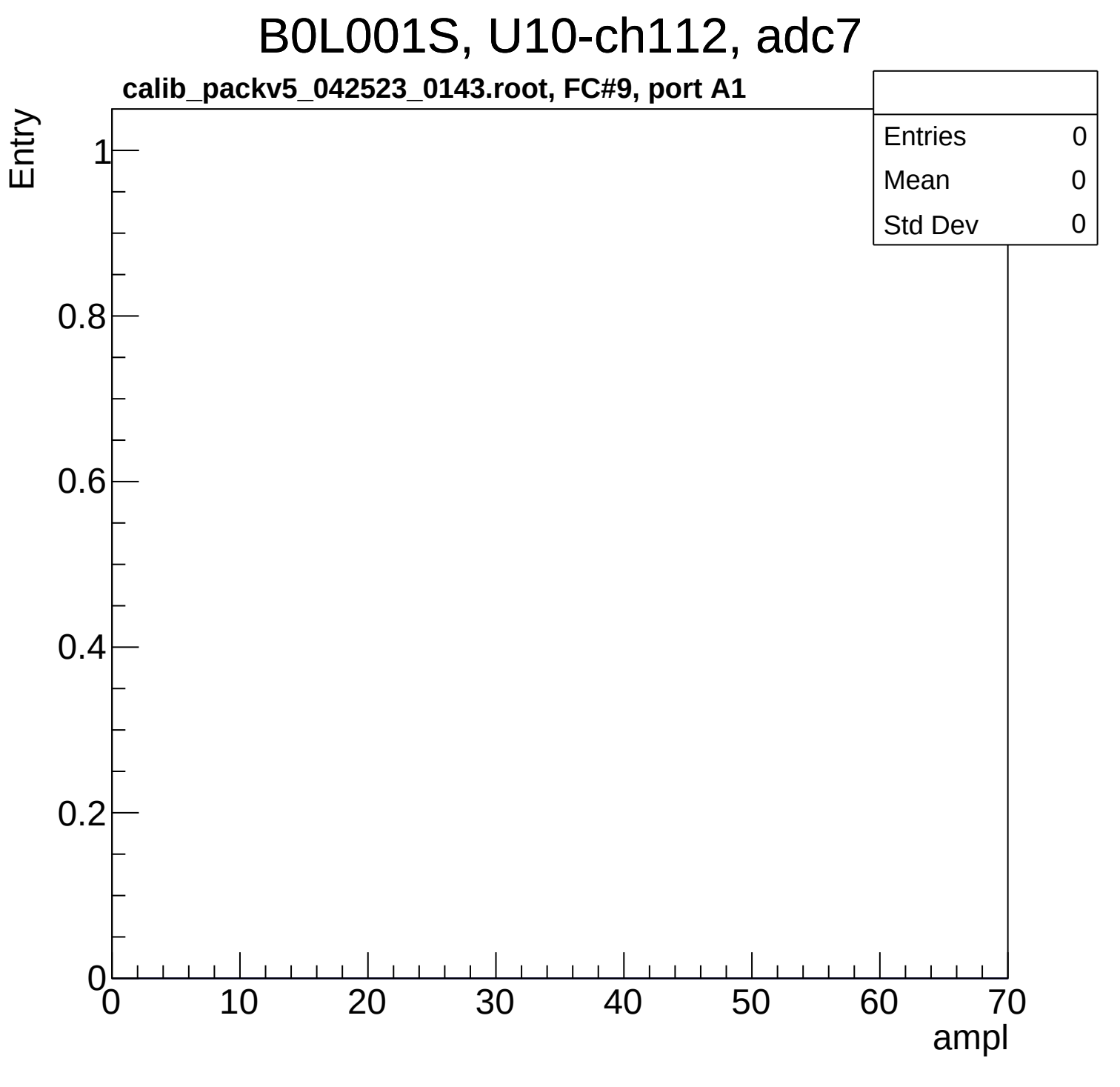

B0L001S, U10-ch112, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.95
Std Dev 10.08
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch112, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch112, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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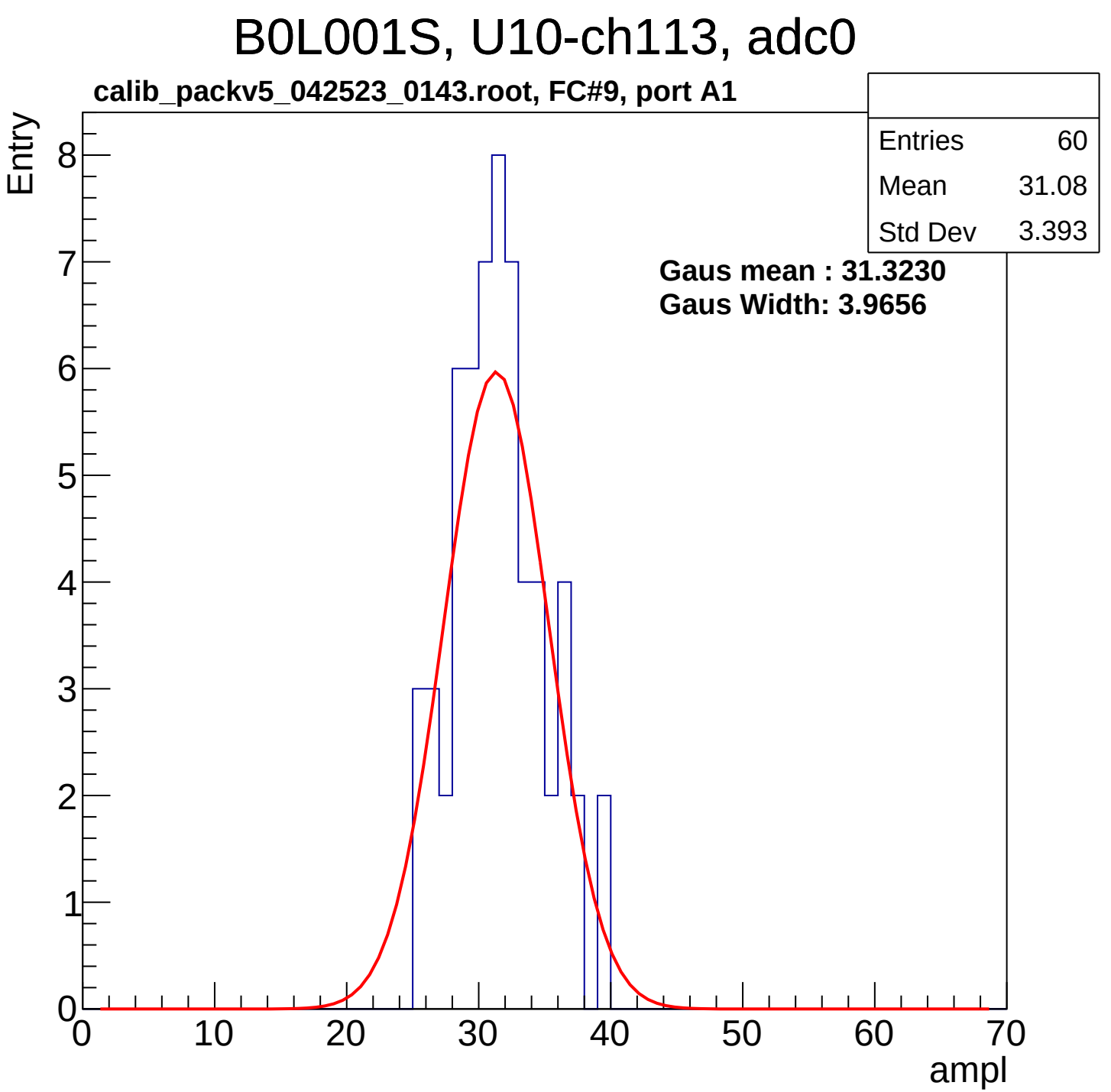
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch113, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 31.08
Std Dev 3.393
Gaus mean : 31.3230
Gaus Width: 3.9656
Entry
ampl
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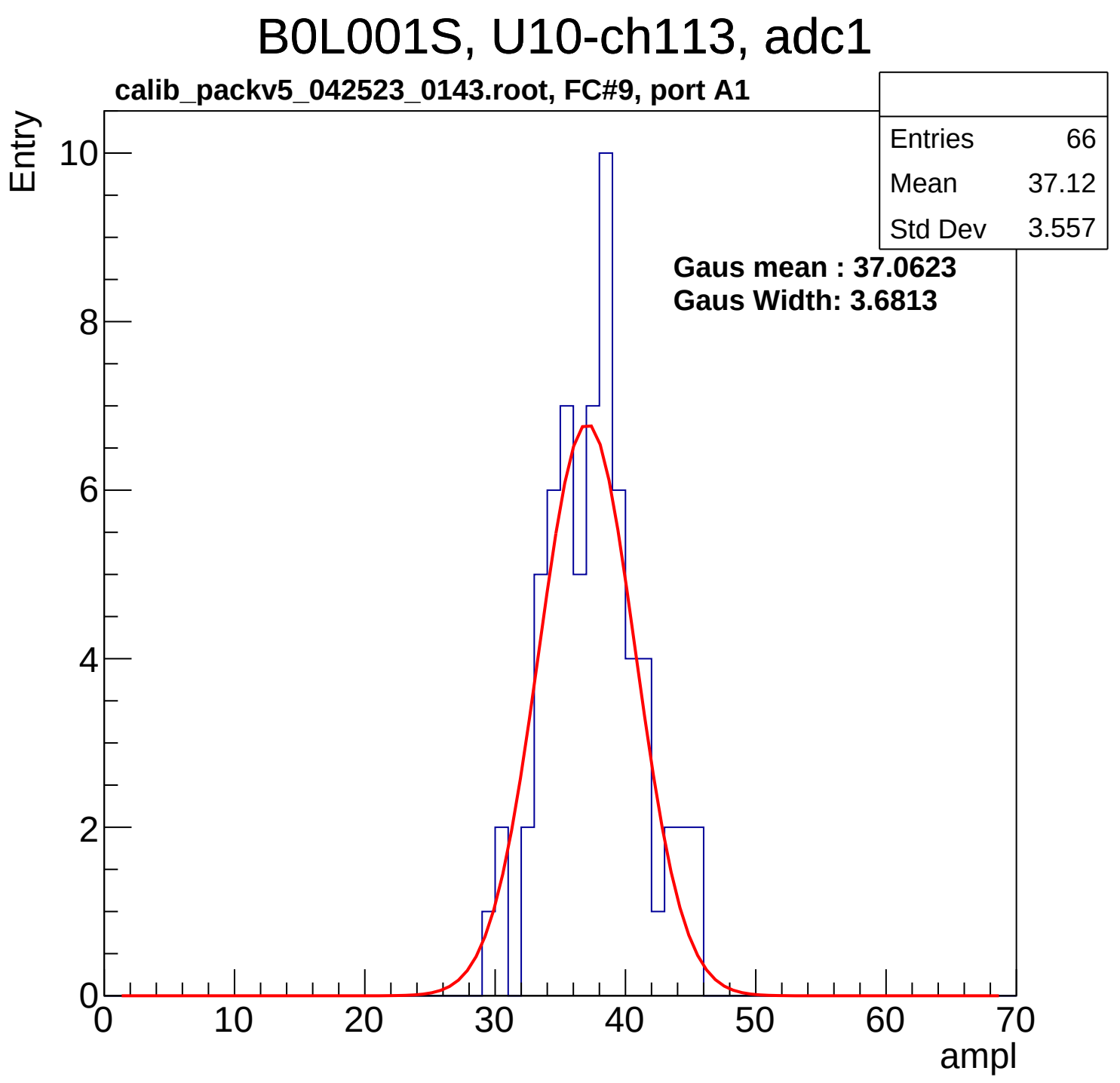
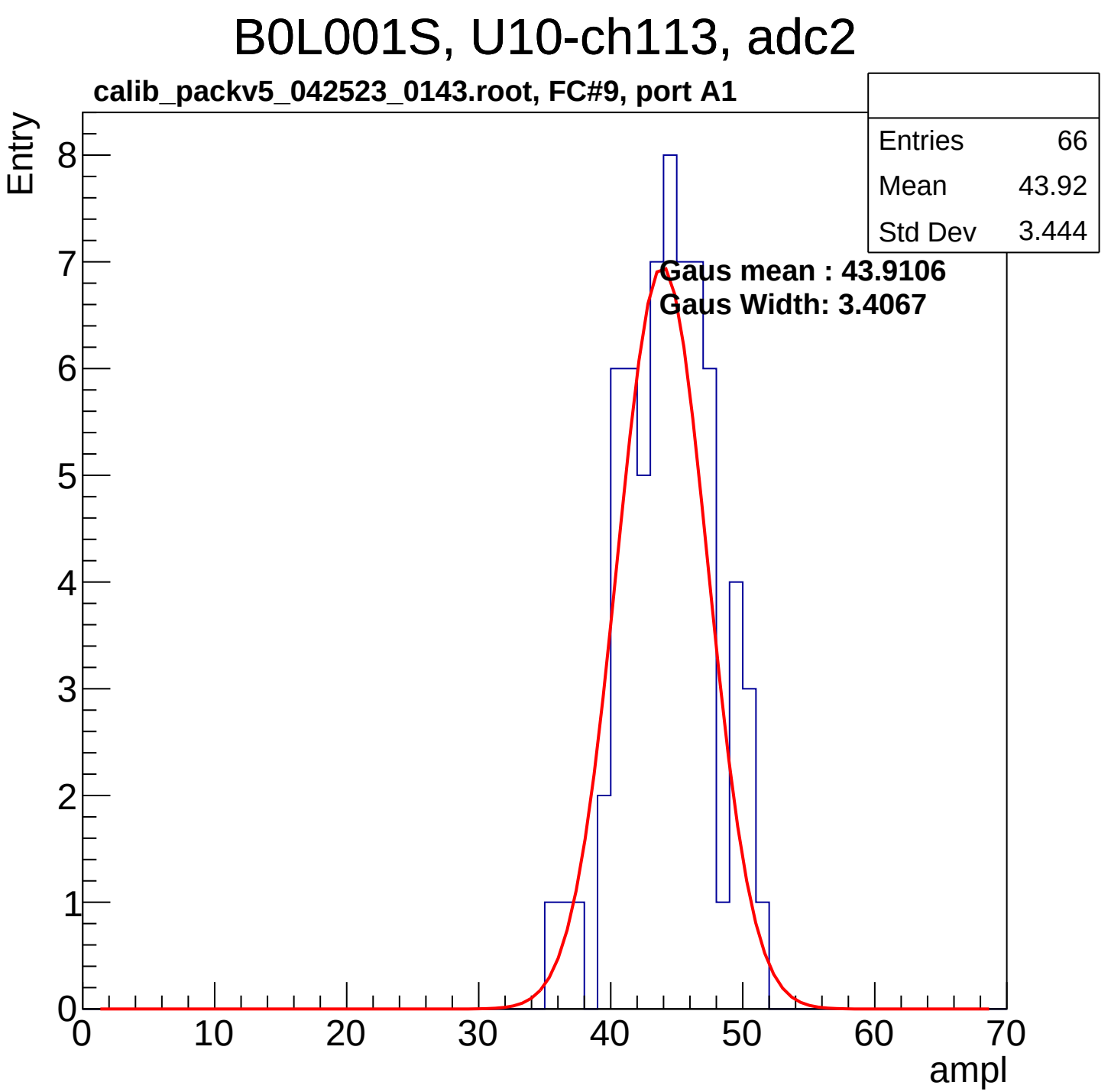
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch113, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 37.12
Std Dev 3.557
Gaus mean : 37.0623
Gaus Width: 3.6813
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch113, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 43.92
Std Dev 3.444
Gaus mean : 43.9106
Gaus Width: 3.4067
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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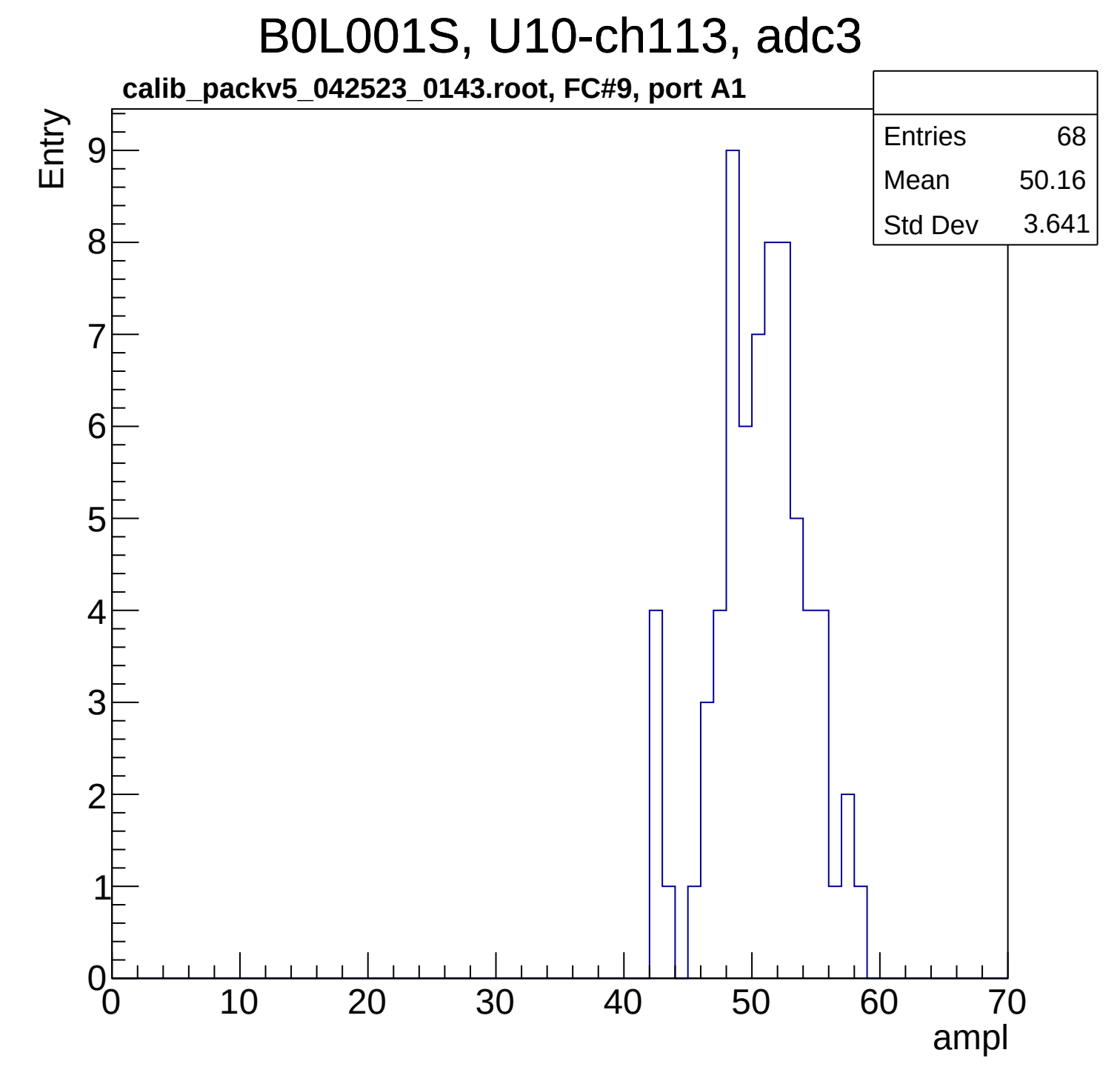
B0L001S, U10-ch113, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 50.16
Std Dev 3.641
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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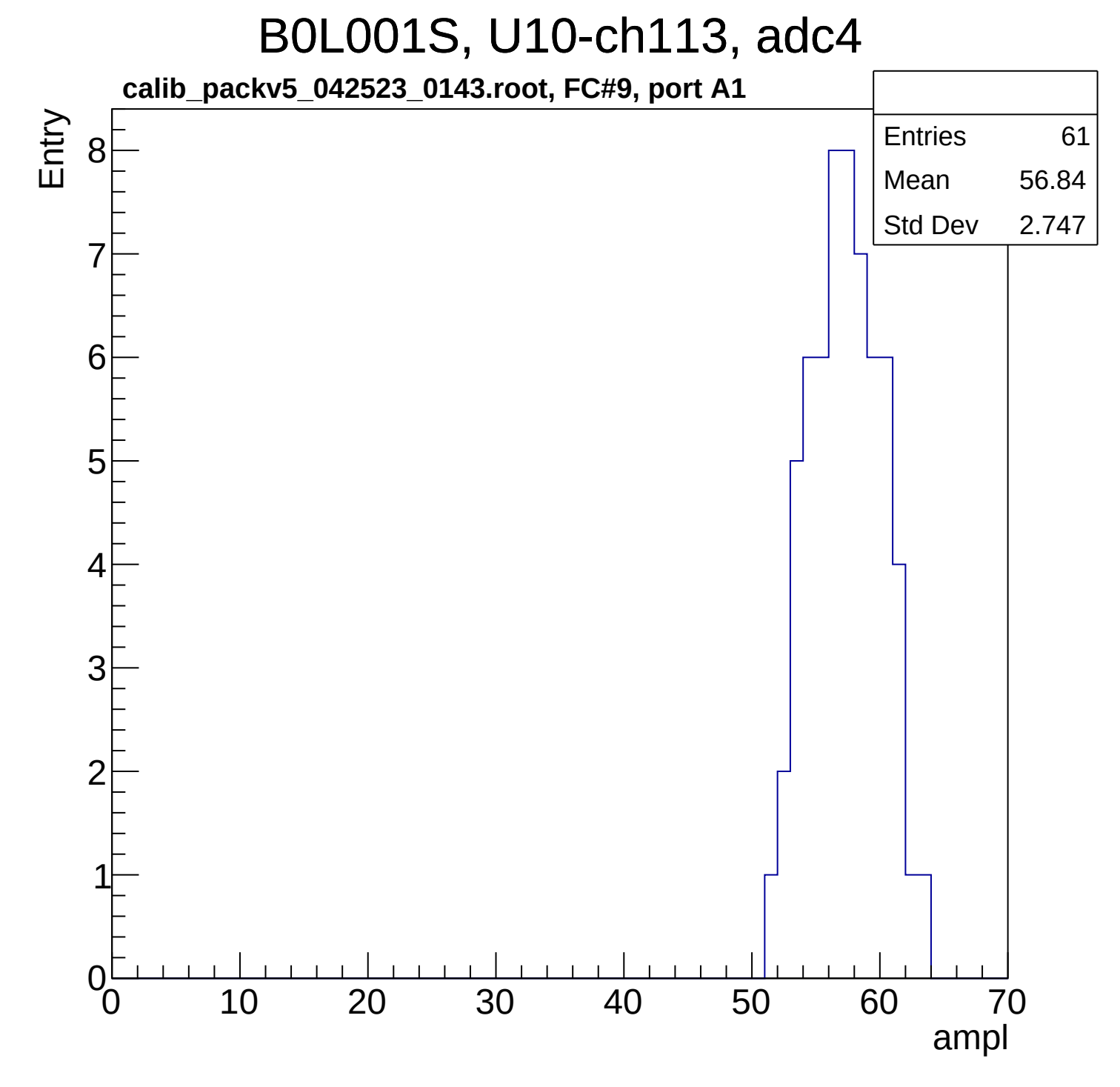
B0L001S, U10-ch113, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 56.84
Std Dev 2.747
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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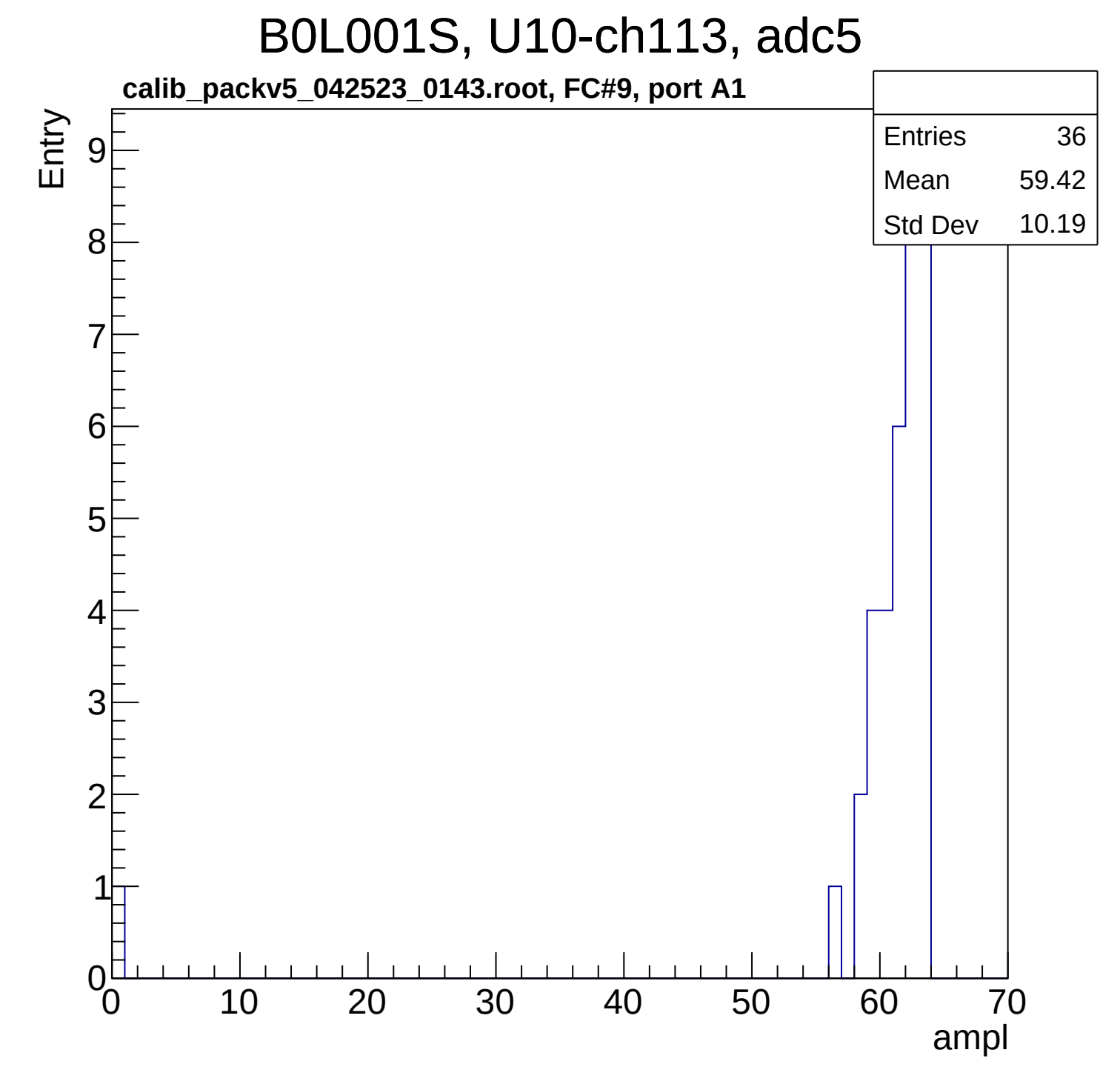
B0L001S, U10-ch113, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 59.42
Std Dev 10.19
Entry
ampl
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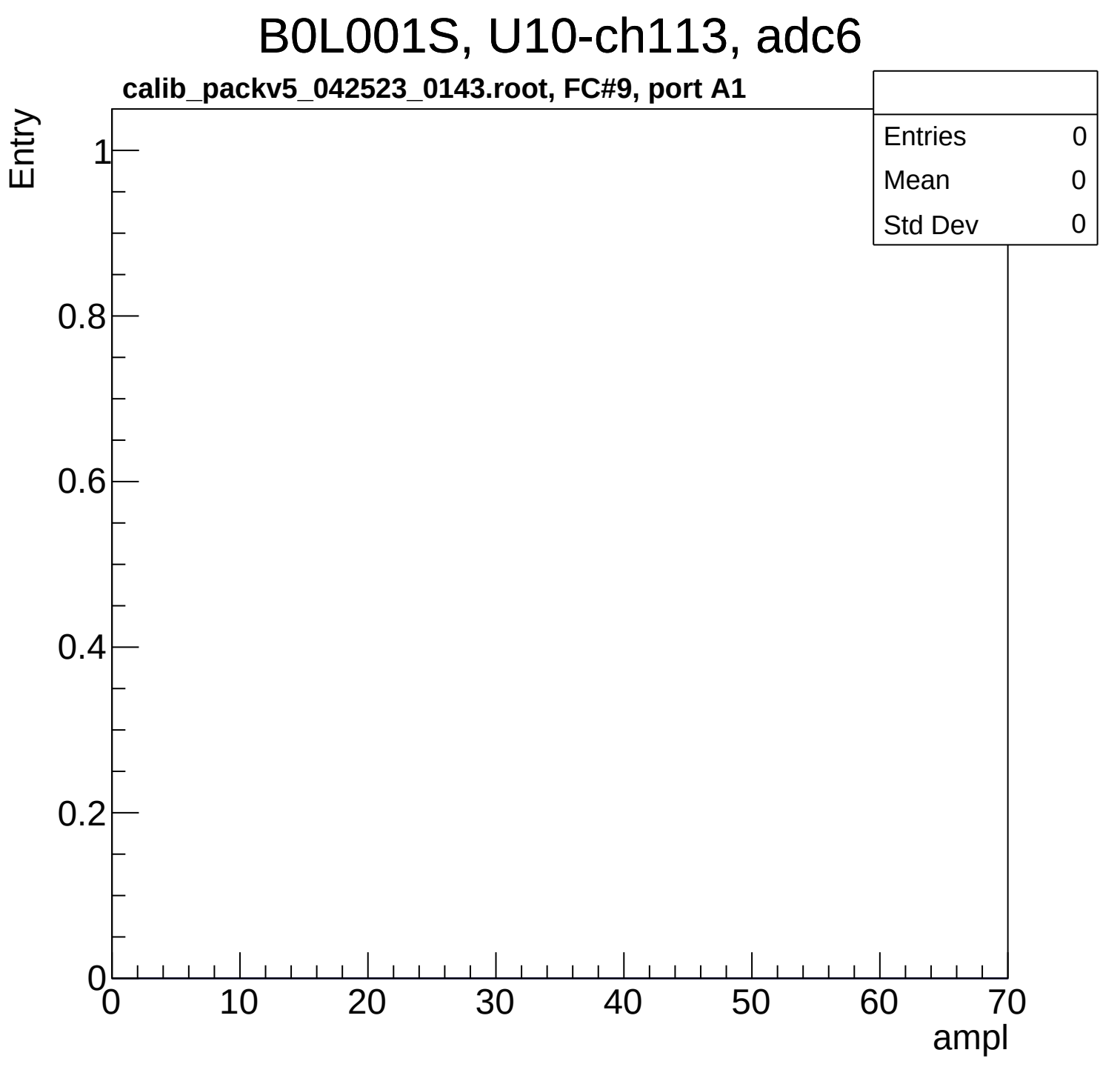
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch113, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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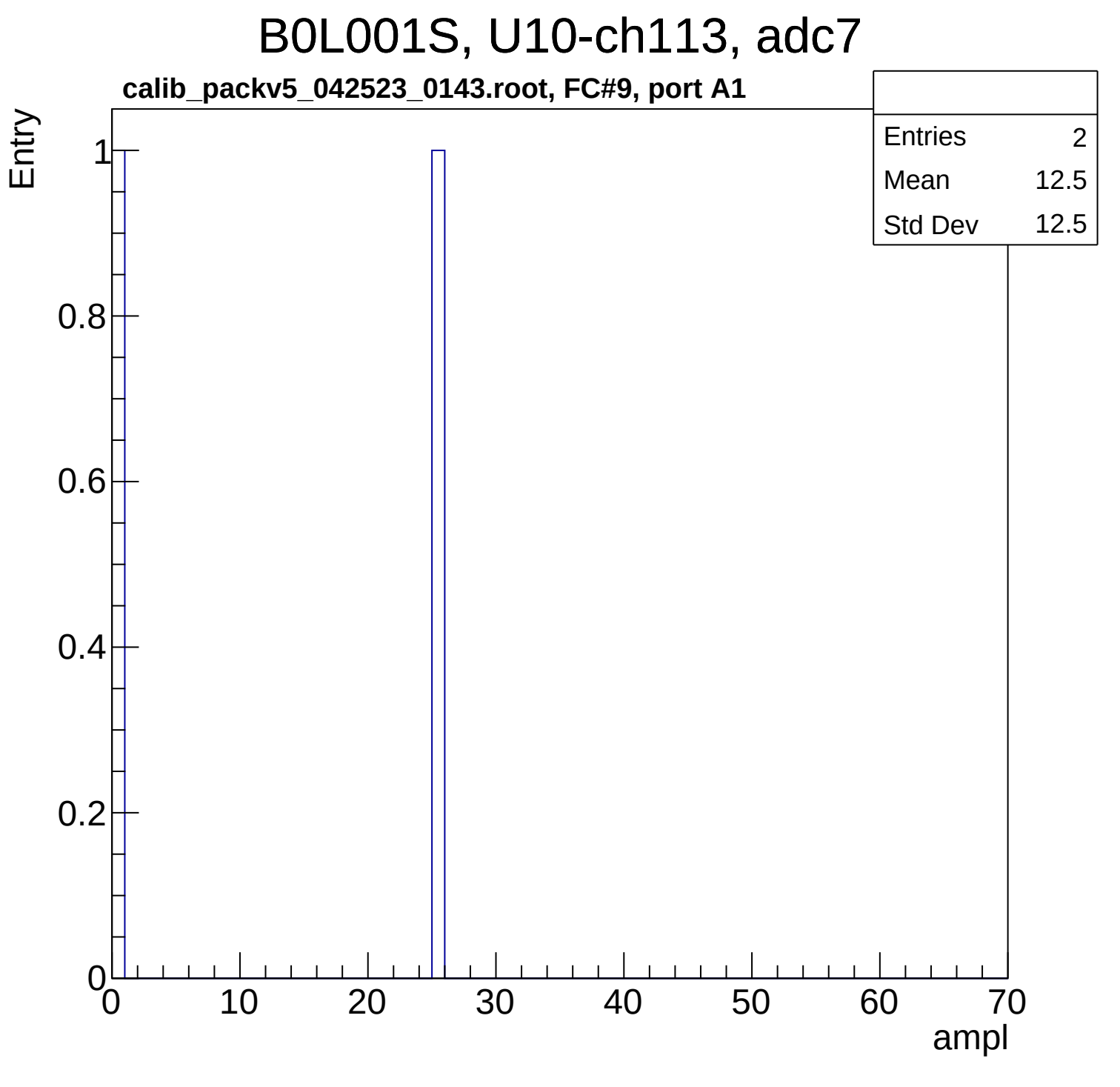
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch113, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 12.5
Std Dev 12.5
Entry
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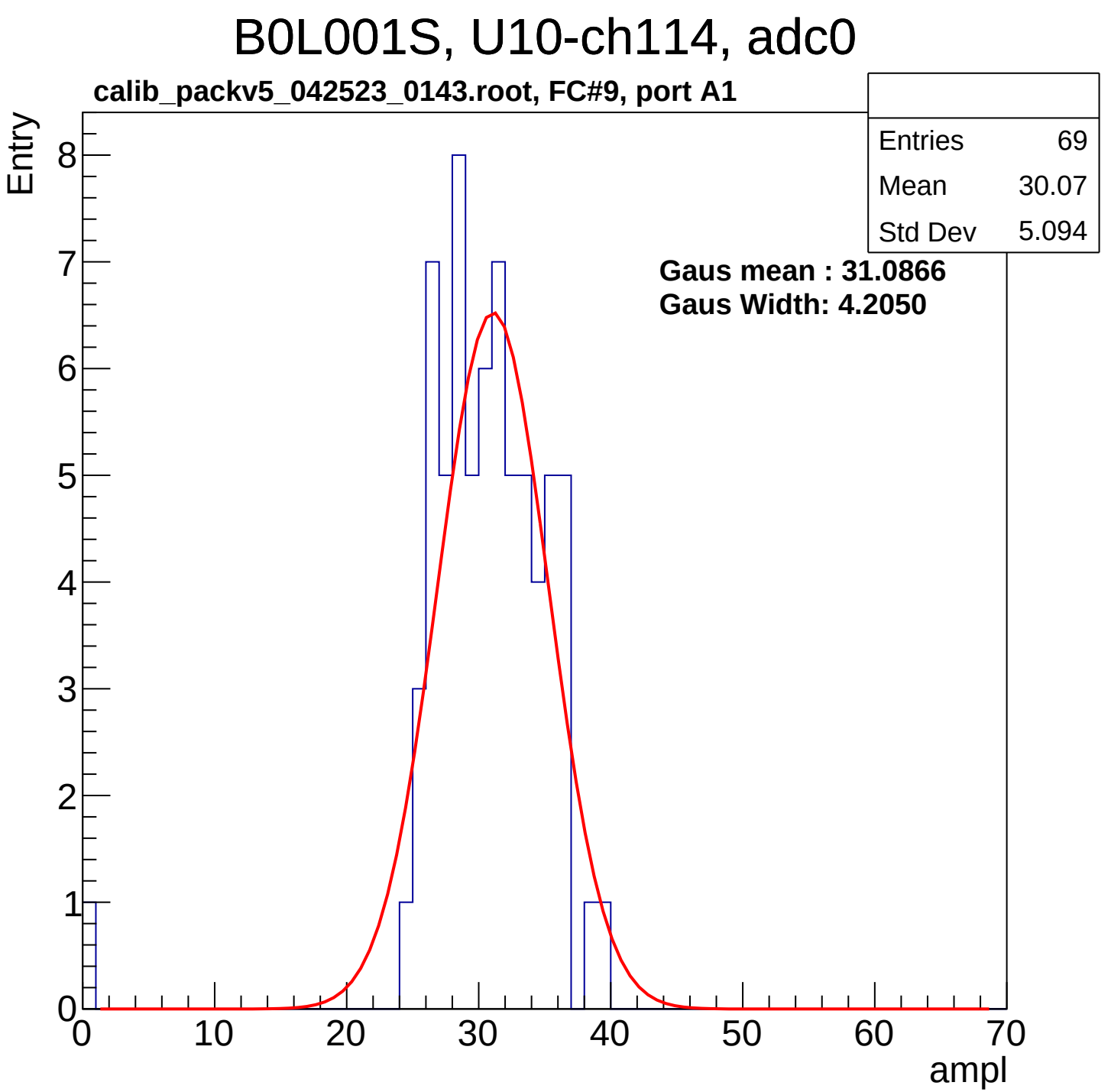
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch114, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 30.07
Std Dev 5.094
Gaus mean : 31.0866
Gaus Width: 4.2050
Entry
ampl
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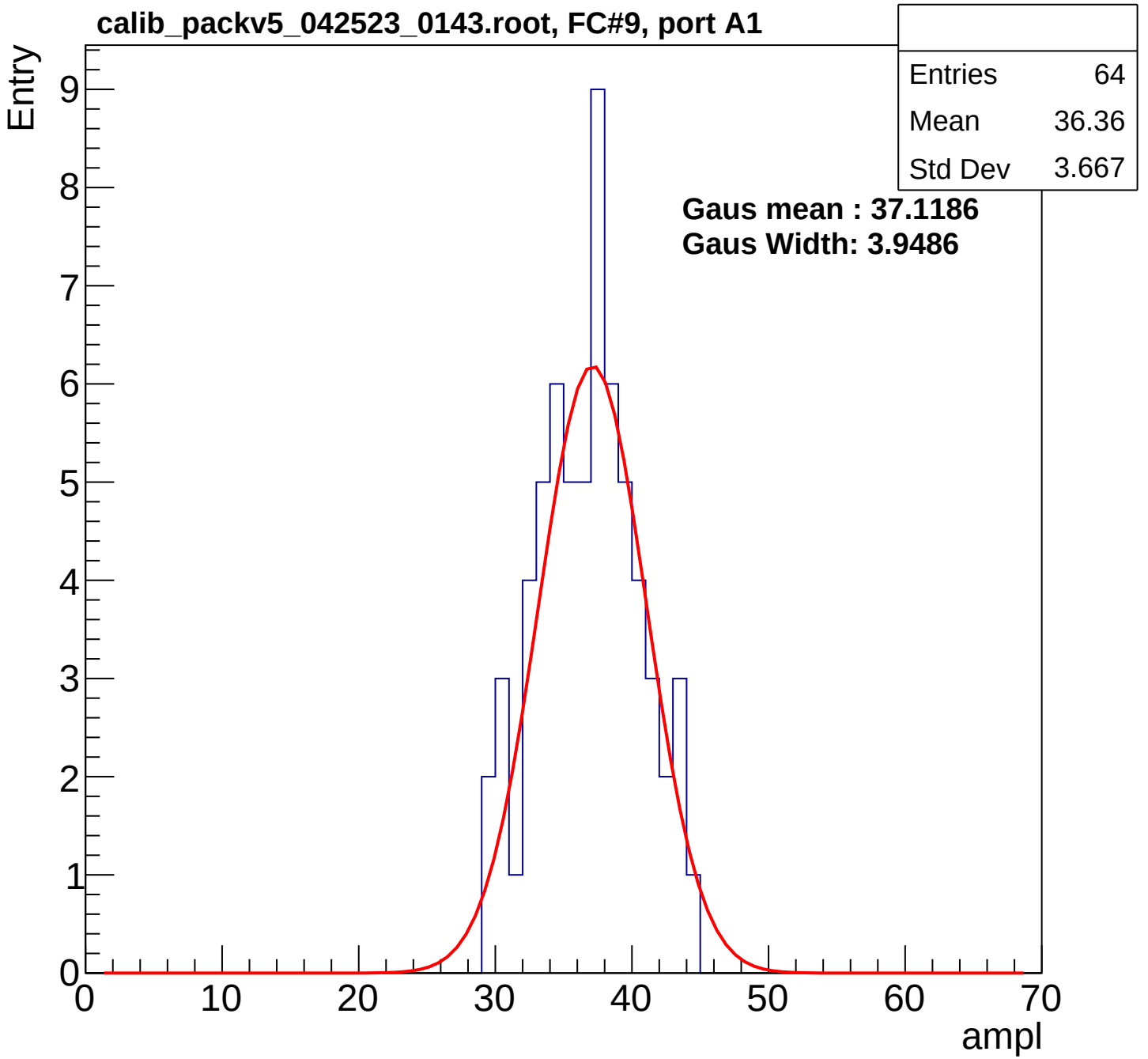
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch114, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 36.36
Std Dev 3.667
Gaus mean : 37.1186
Gaus Width: 3.9486
Entry
ampl
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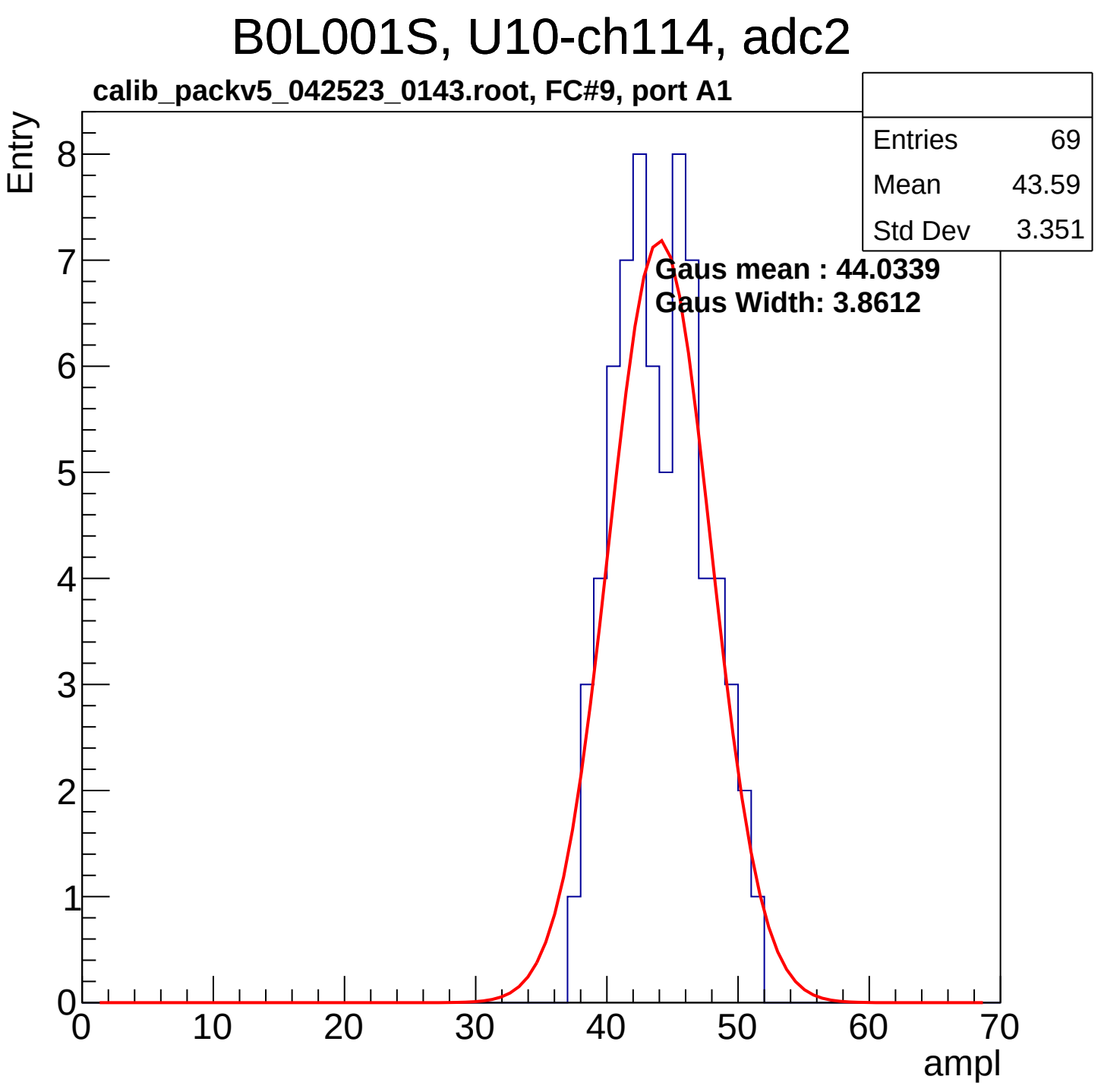
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch114, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 43.59
Std Dev 3.351
Gaus mean : 44.0339
Gaus Width: 3.8612
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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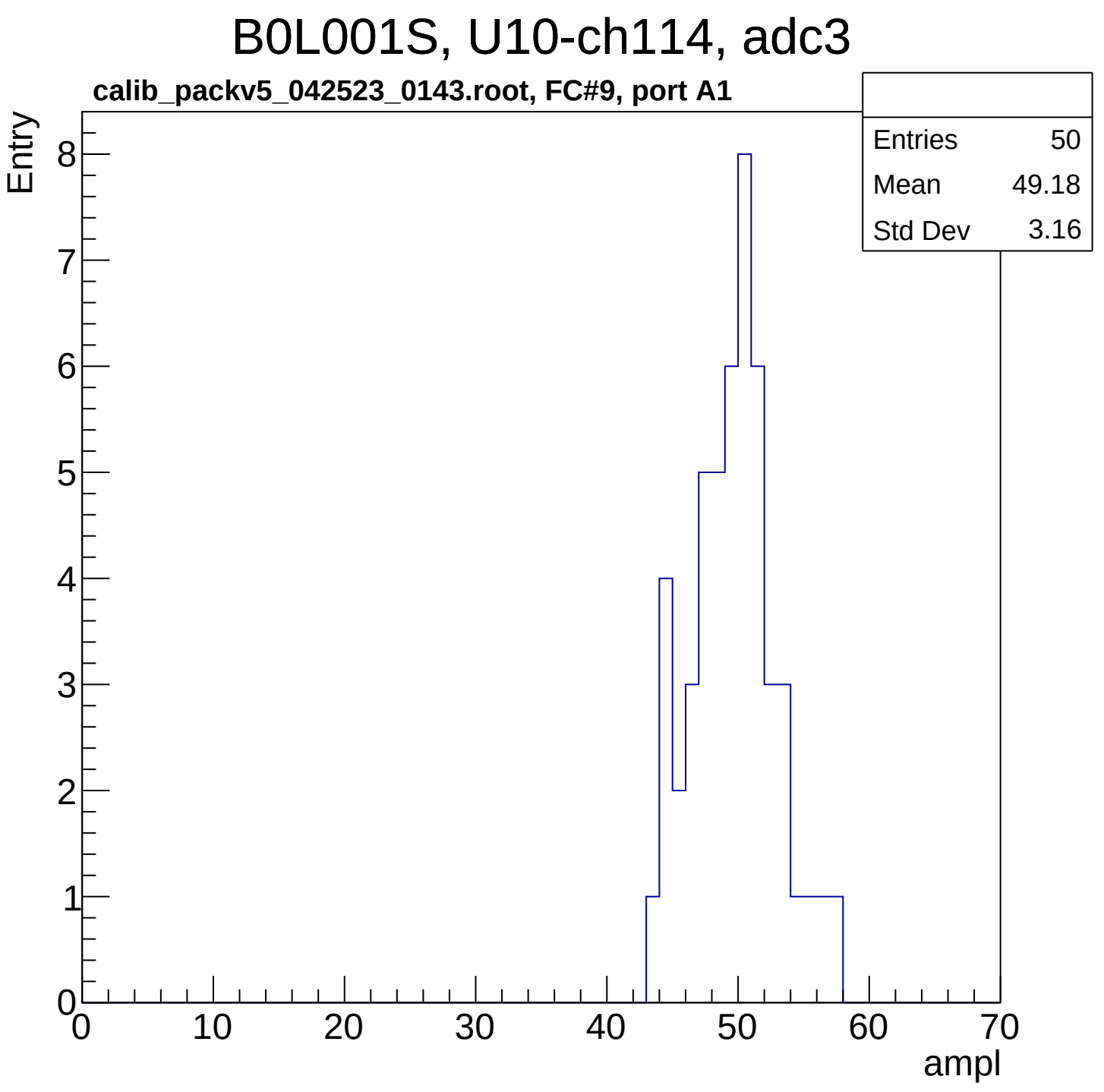
B0L001S, U10-ch114, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 49.18
Std Dev 3.16
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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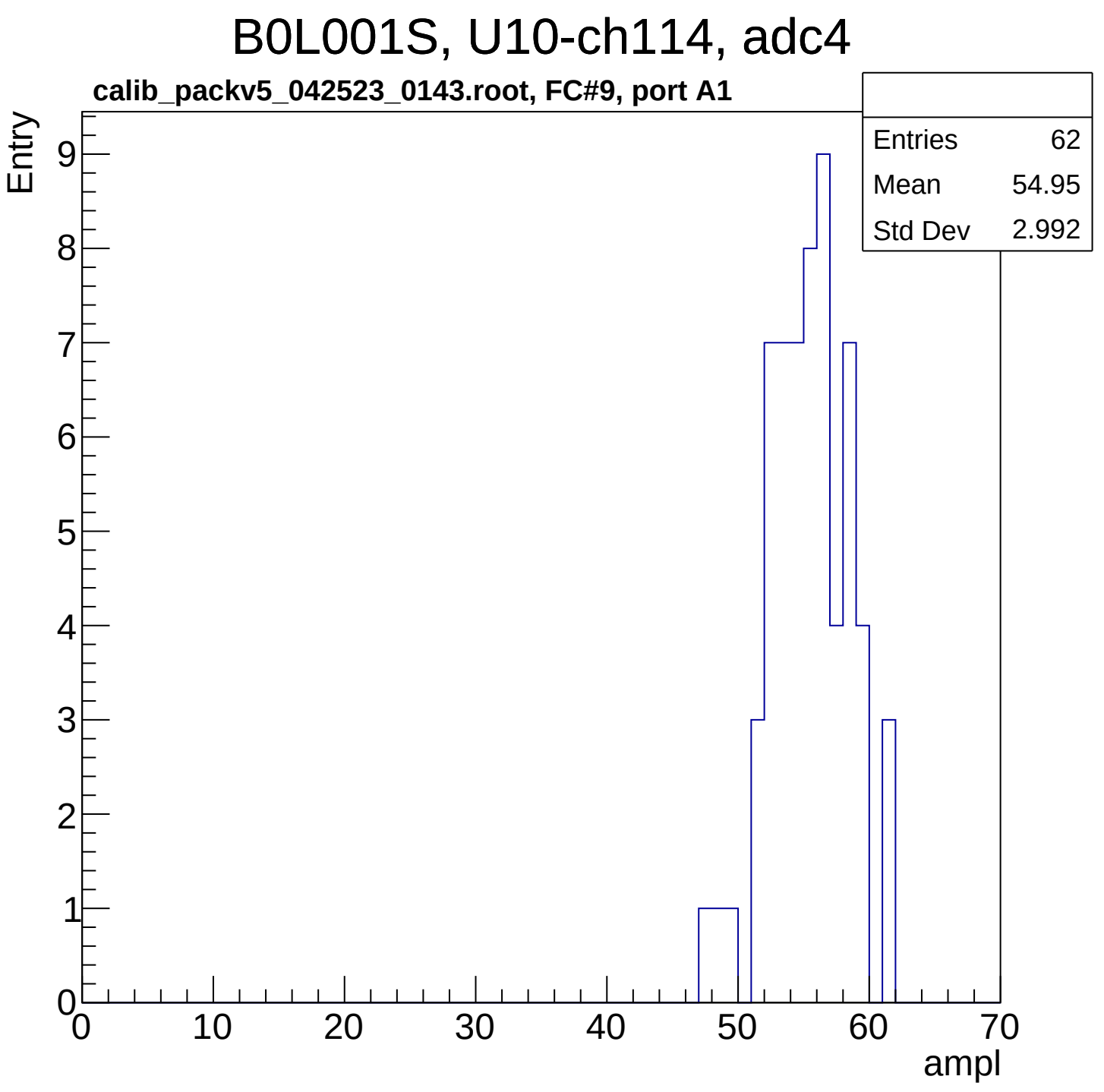
B0L001S, U10-ch114, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 54.95
Std Dev 2.992
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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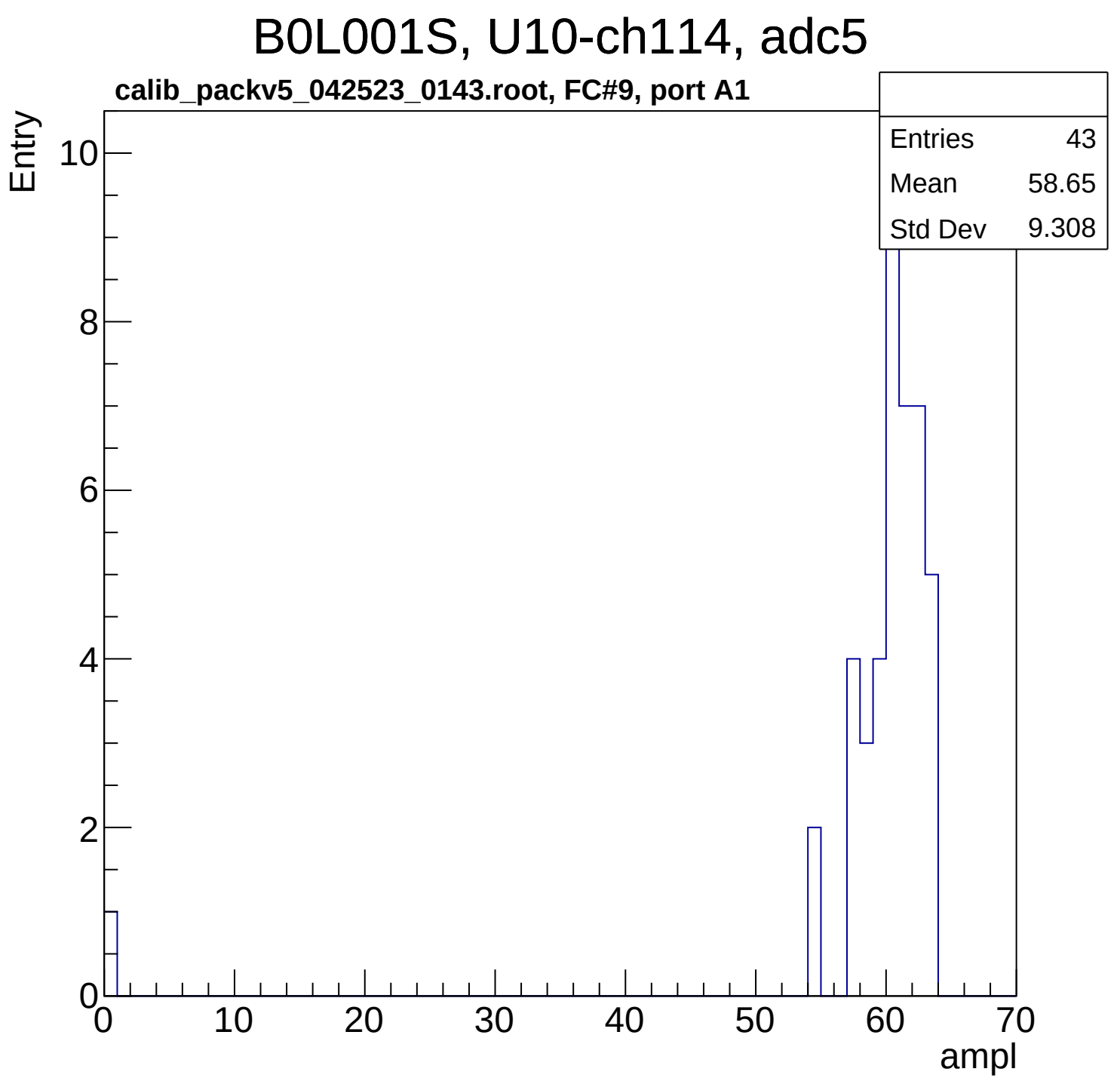
B0L001S, U10-ch114, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 58.65
Std Dev 9.308
Entry
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4
6
8
10
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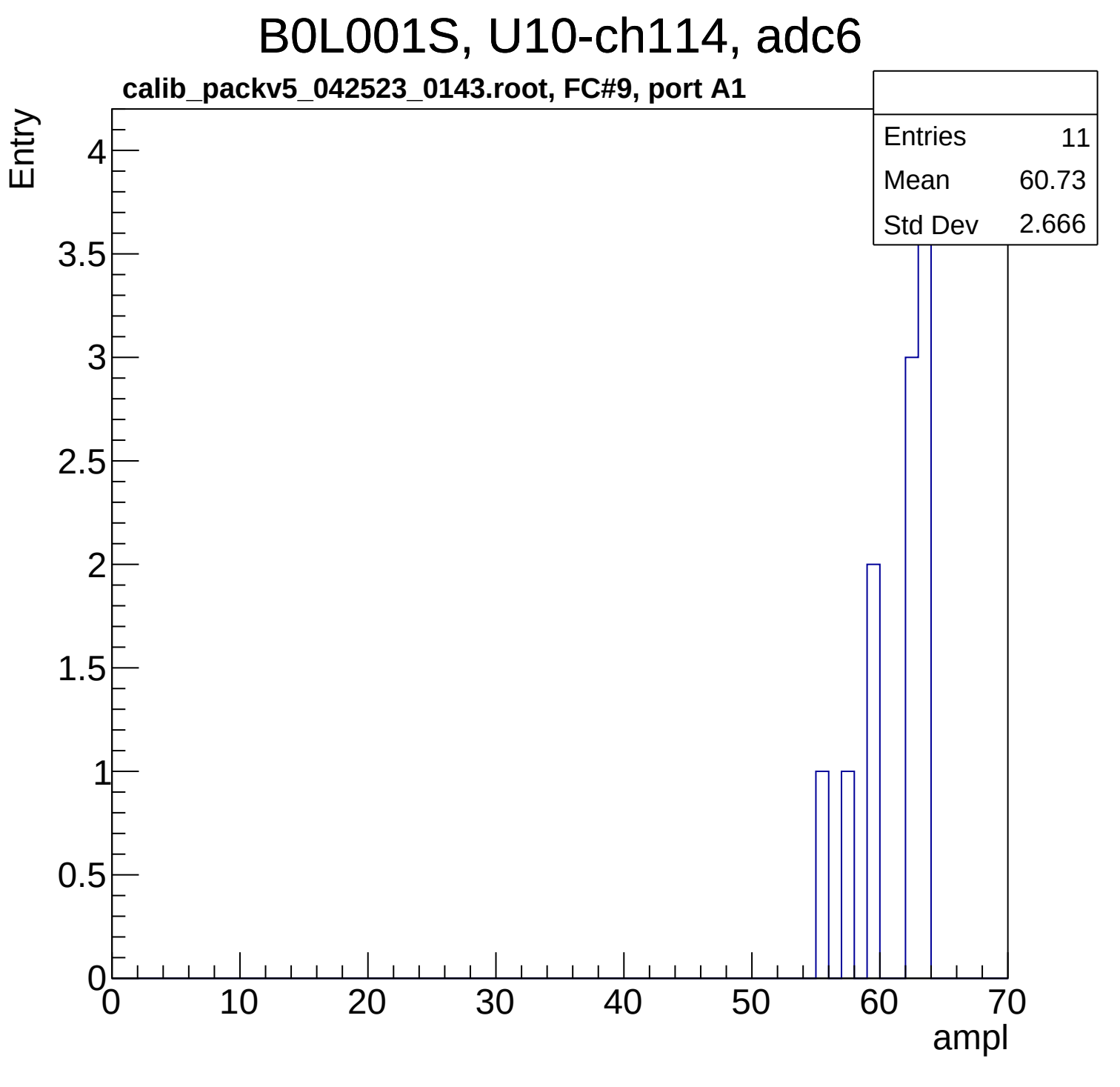
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch114, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 11
Mean 60.73
Std Dev 2.666
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
30
40
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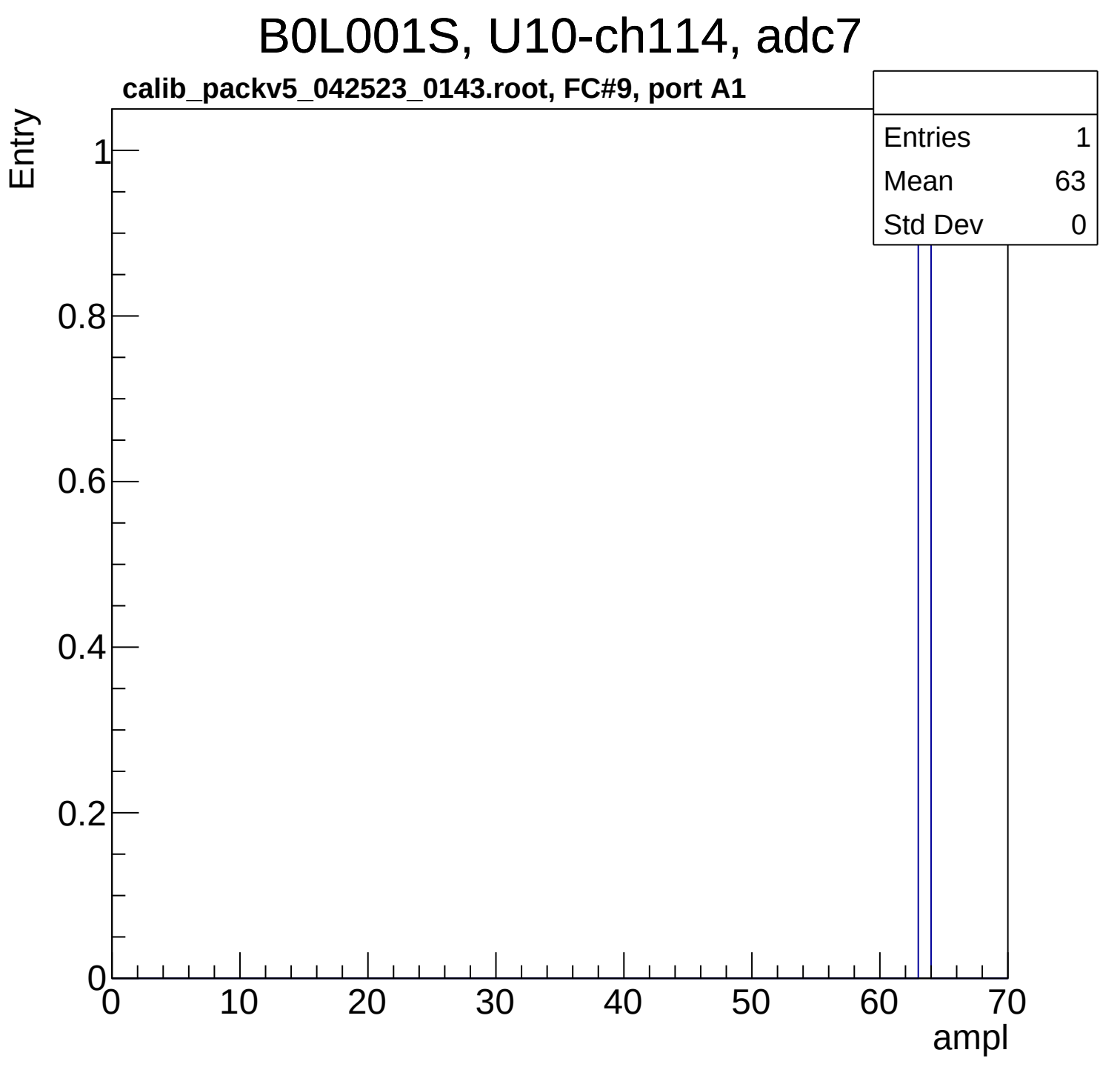
60
70


B0L001S, U10-ch114, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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0.6
0.4
0.2
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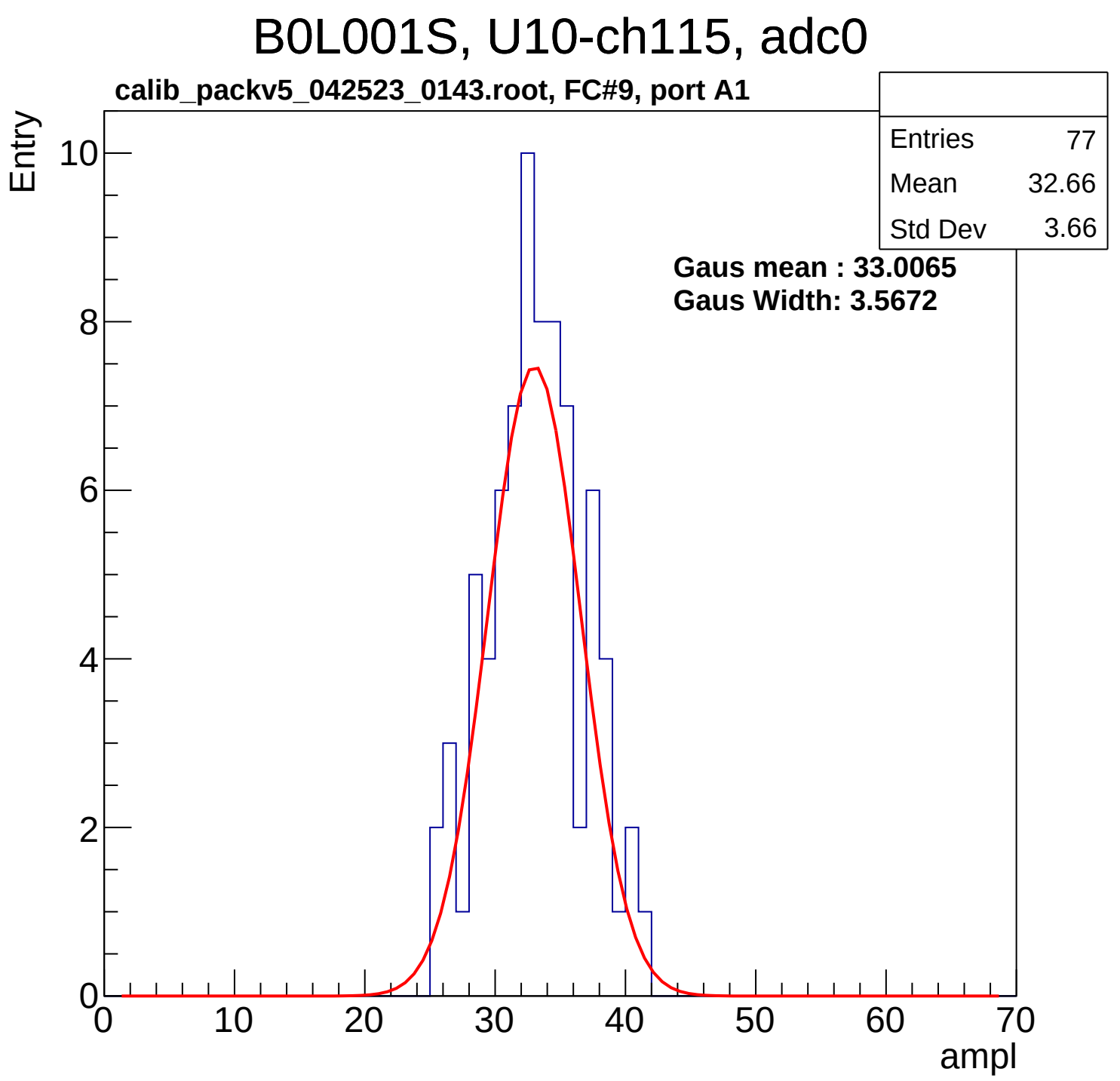
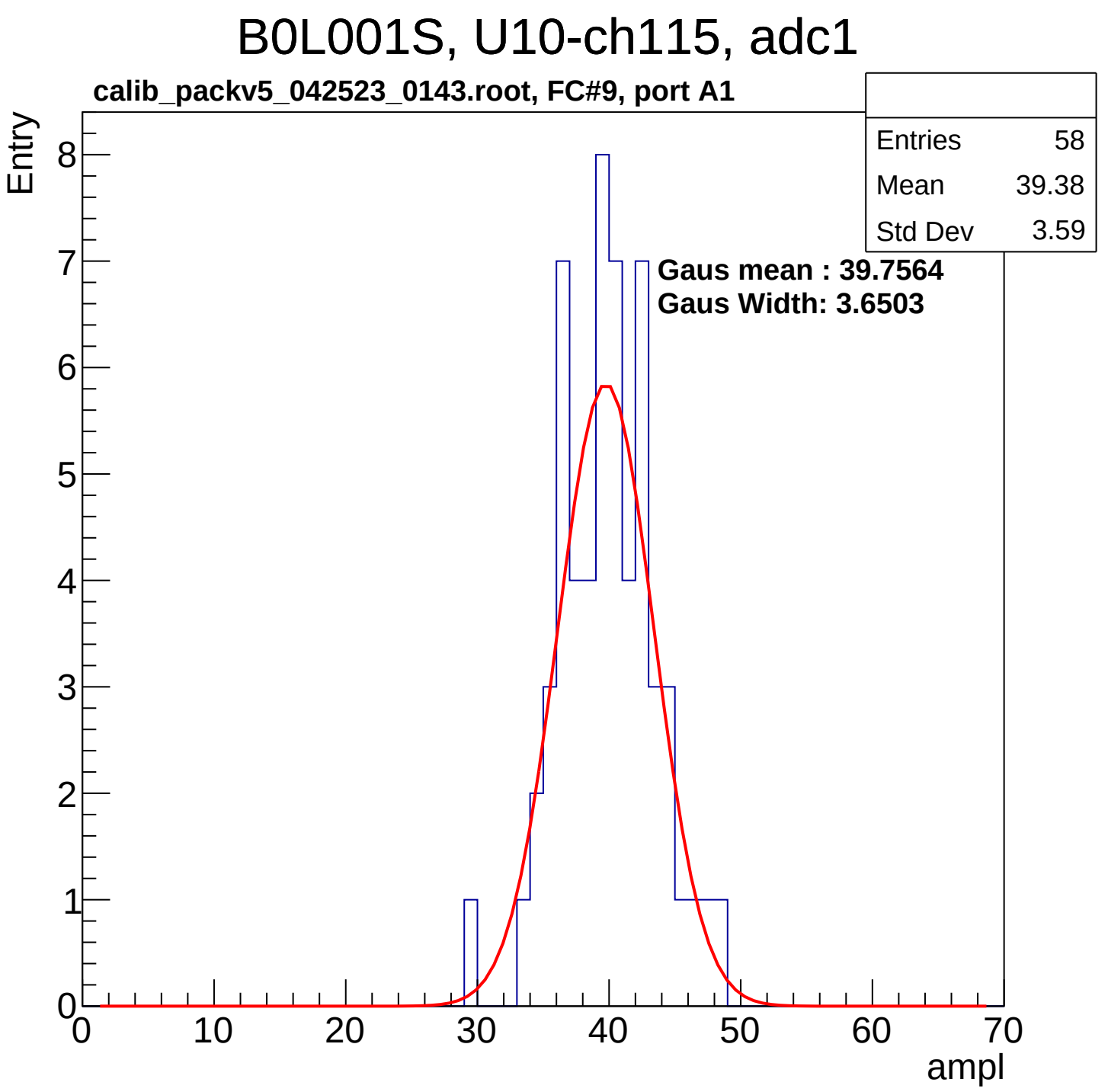
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch115, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 32.66
Std Dev 3.66
Gaus mean : 33.0065
Gaus Width: 3.5672
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch115, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 39.38
Std Dev 3.59
Gaus mean : 39.7564
Gaus Width: 3.6503
Entry
ampl
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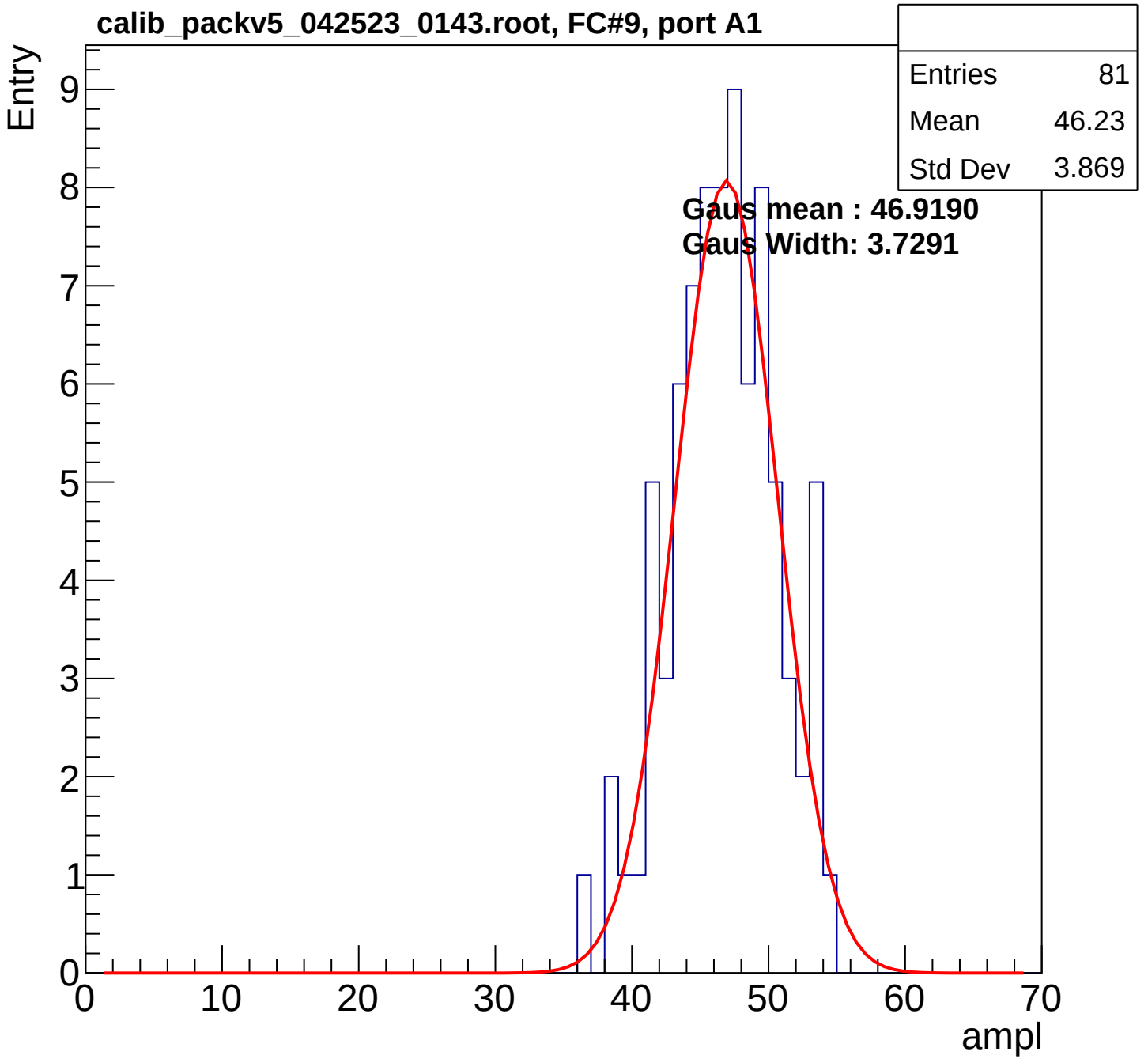
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch115, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 46.23
Std Dev 3.869
Gaus mean : 46.9190
Gaus Width: 3.7291
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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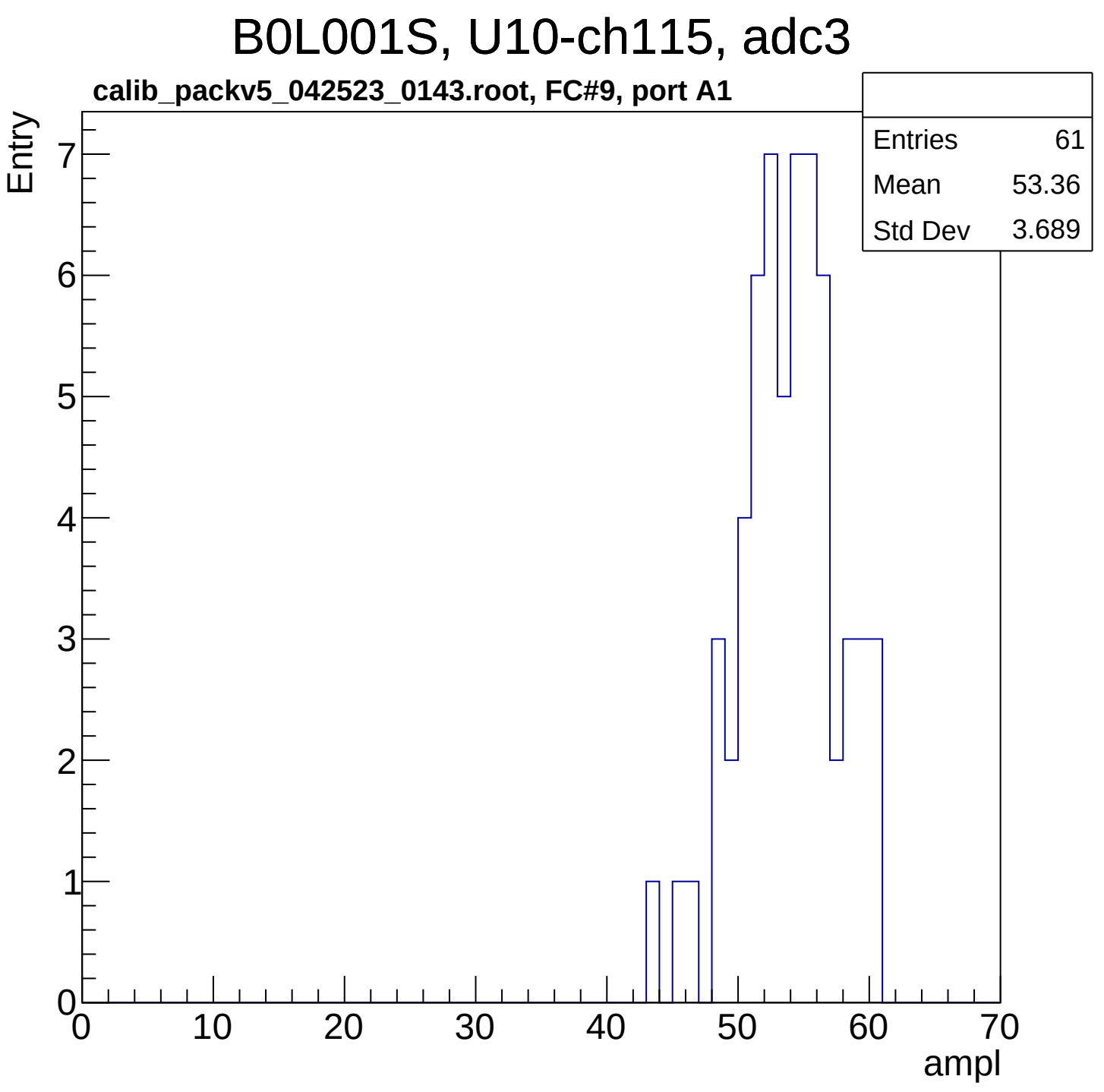
B0L001S, U10-ch115, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 53.36
Std Dev 3.689
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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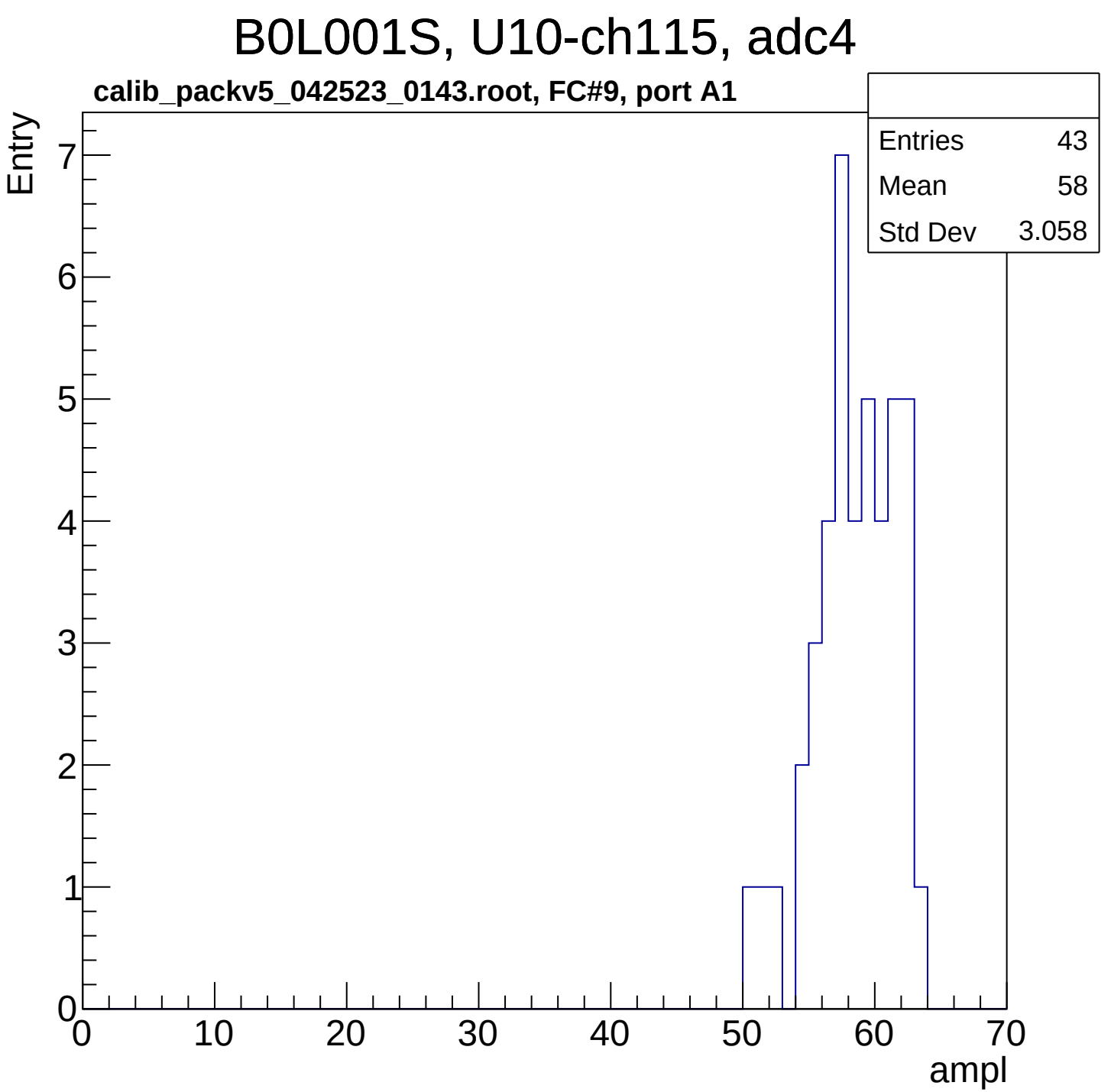
B0L001S, U10-ch115, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 58
Std Dev 3.058
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
50
60
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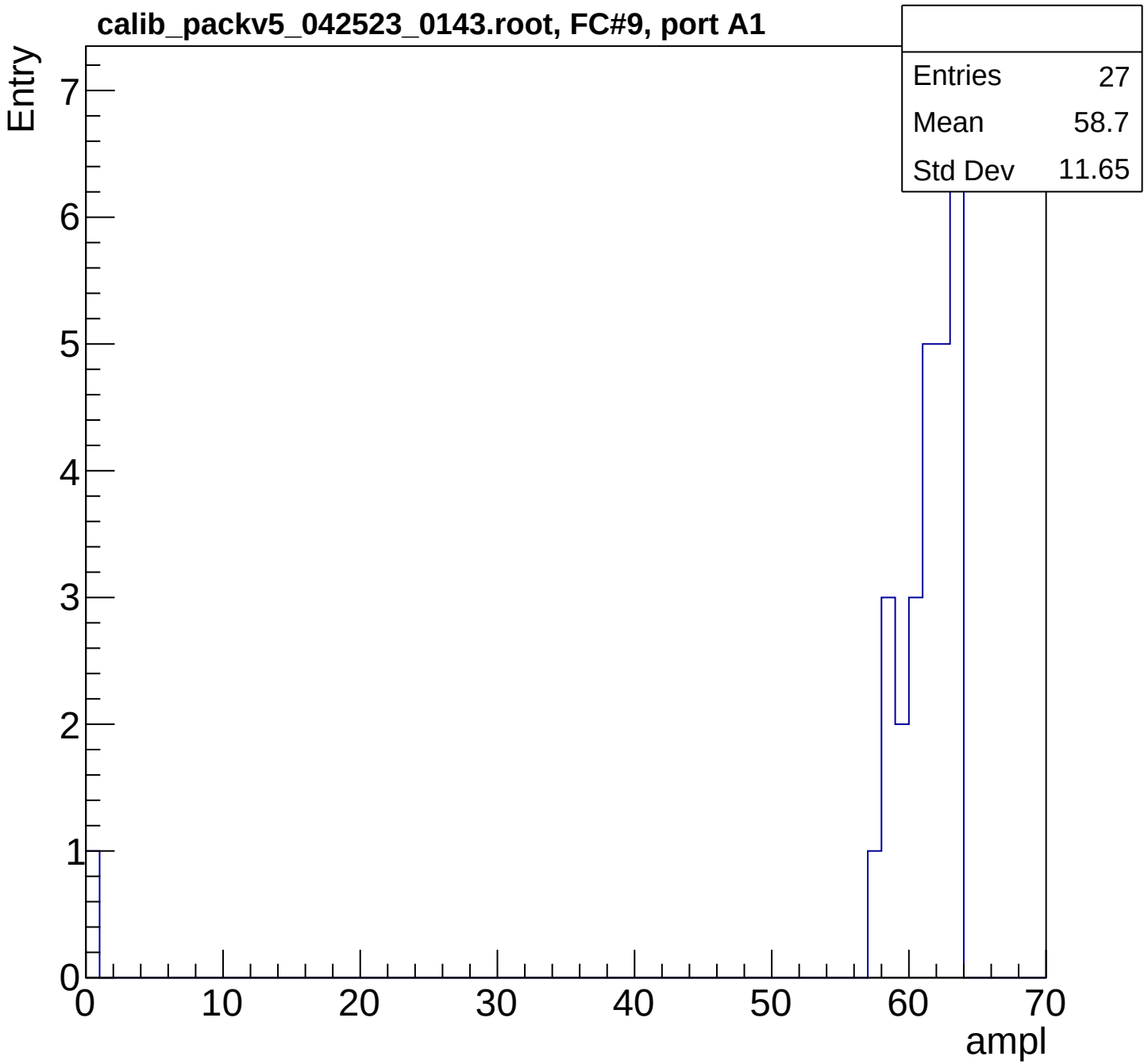
B0L001S, U10-ch115, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.7
Std Dev 11.65
Entry
ampl
0
1
2
3
4
5
6
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0
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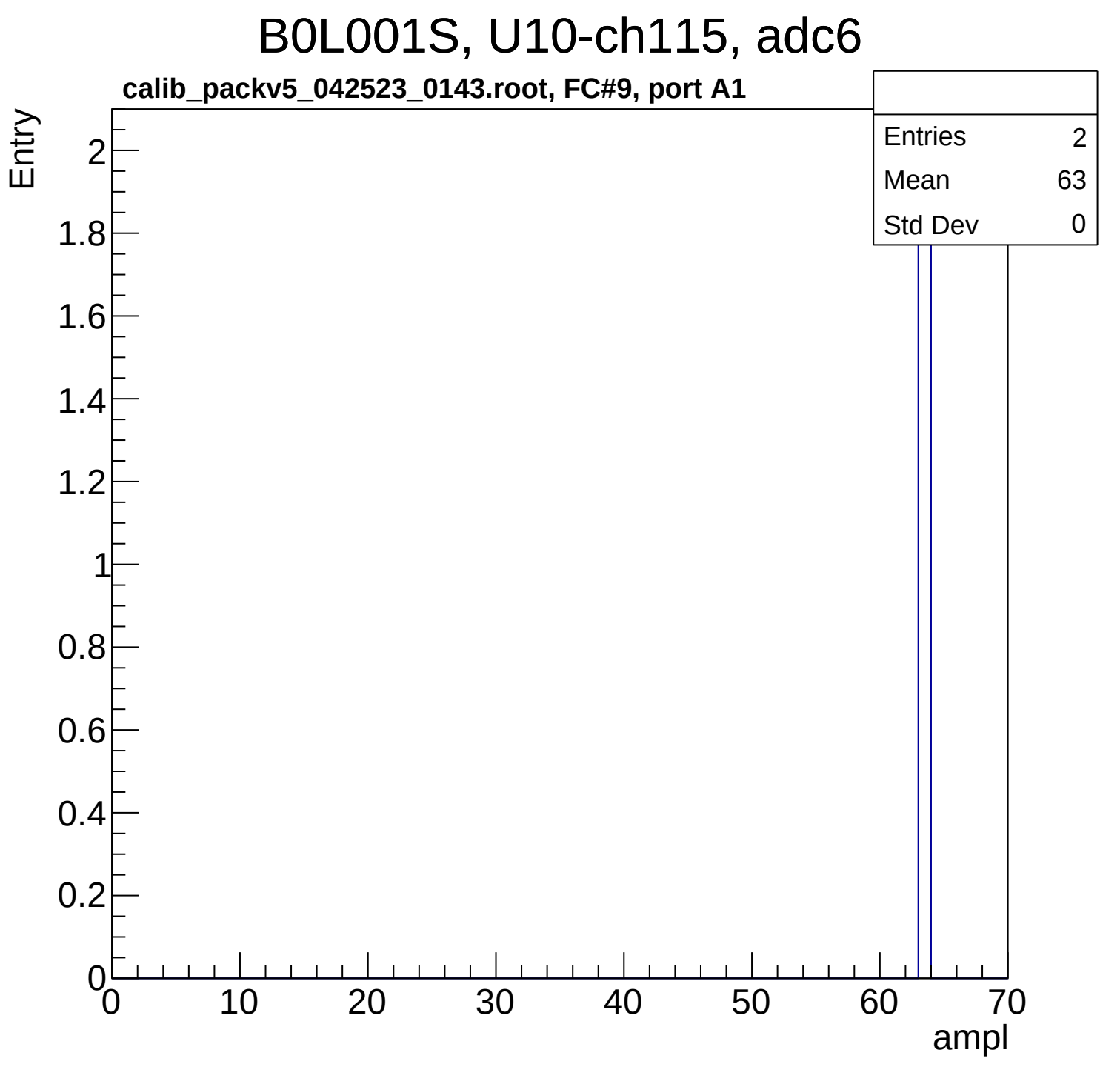
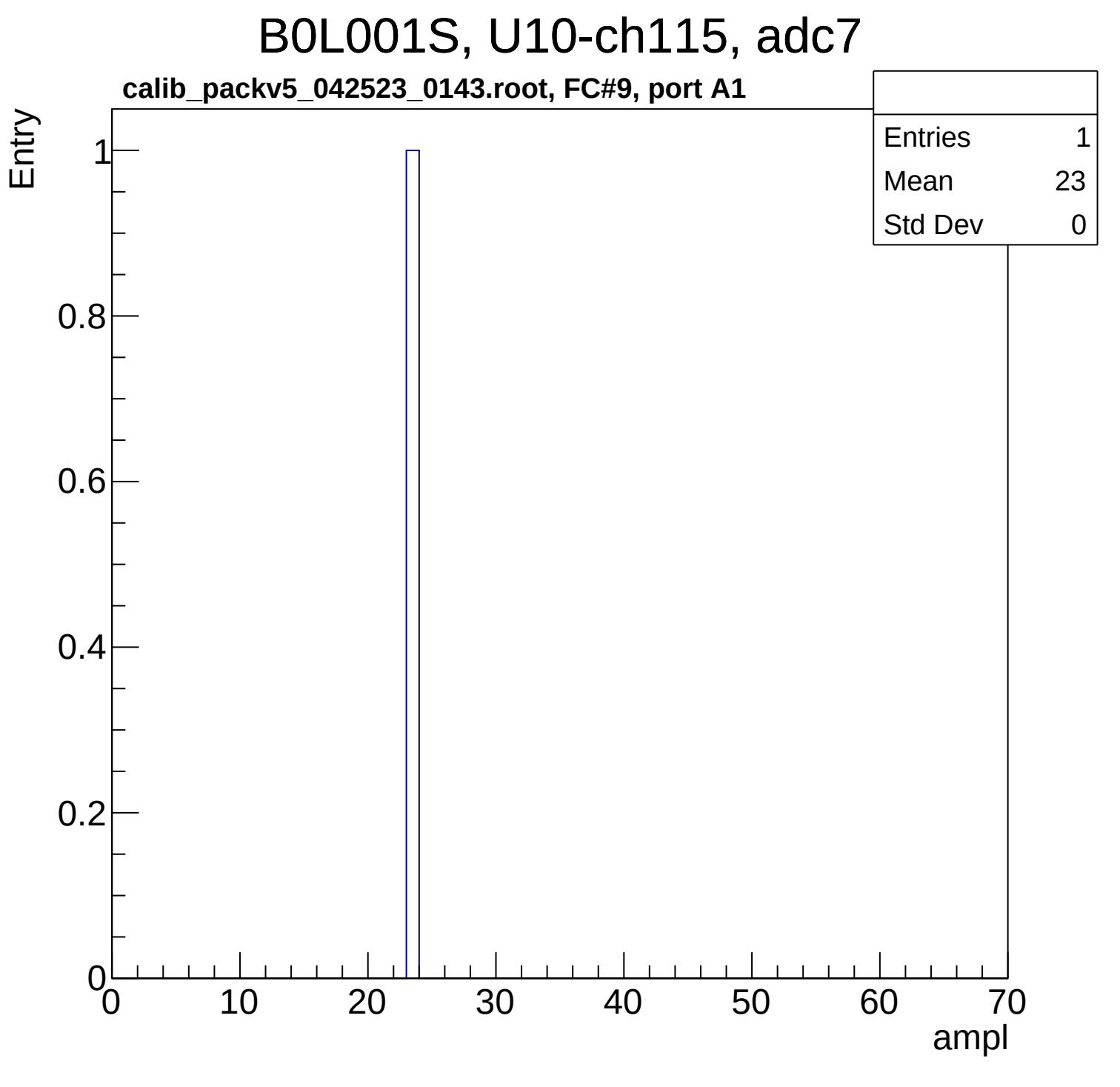
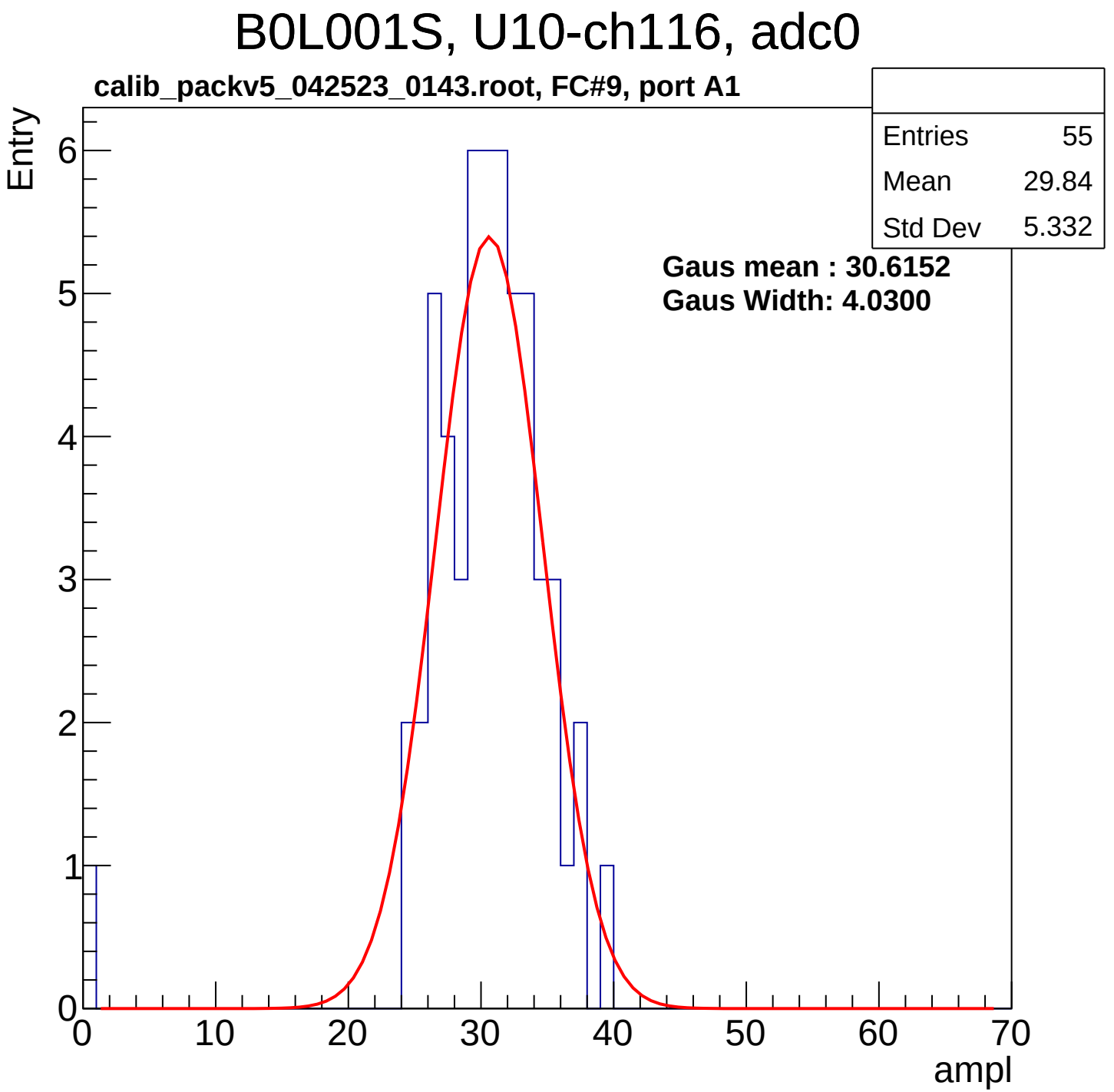
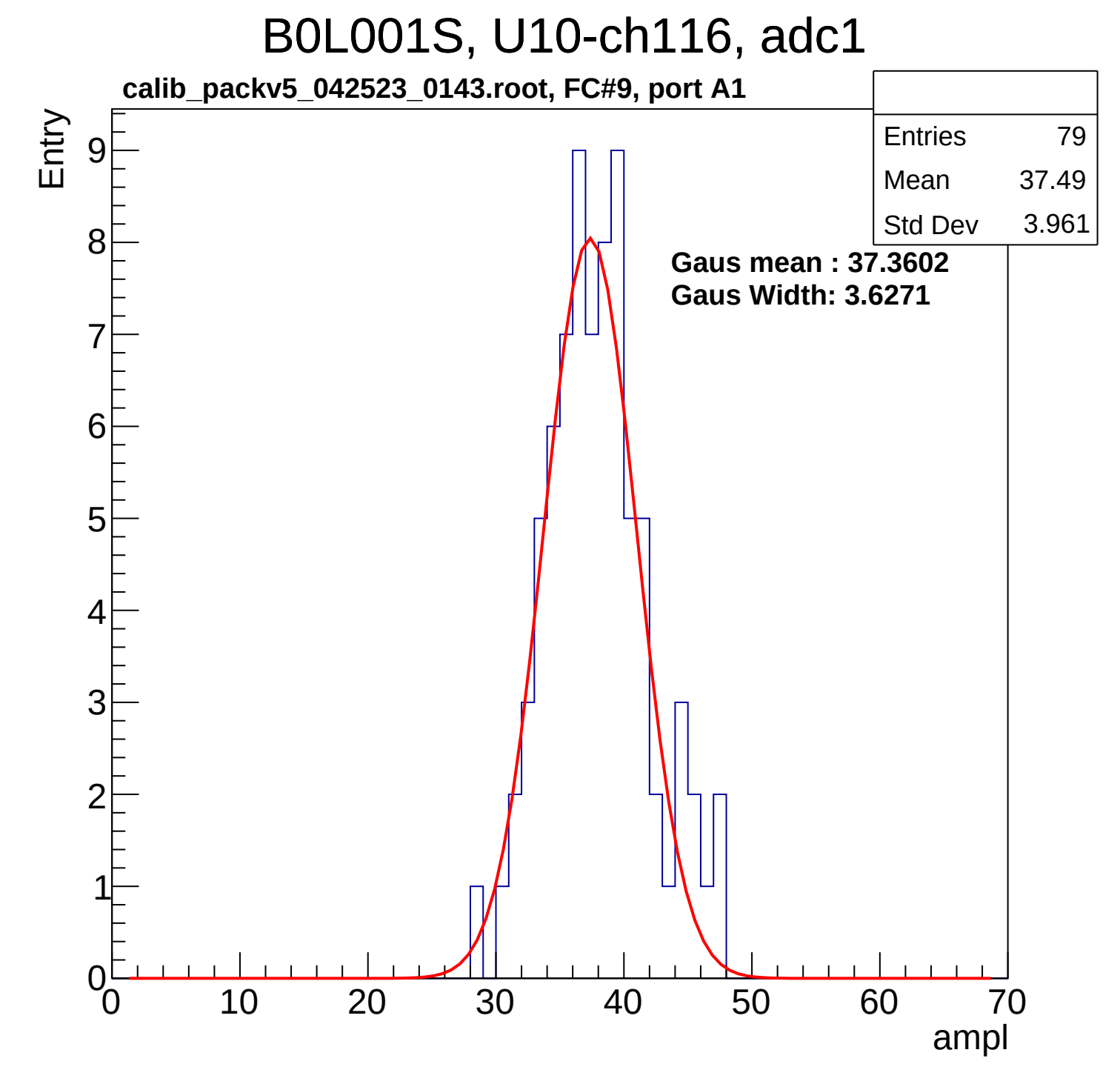
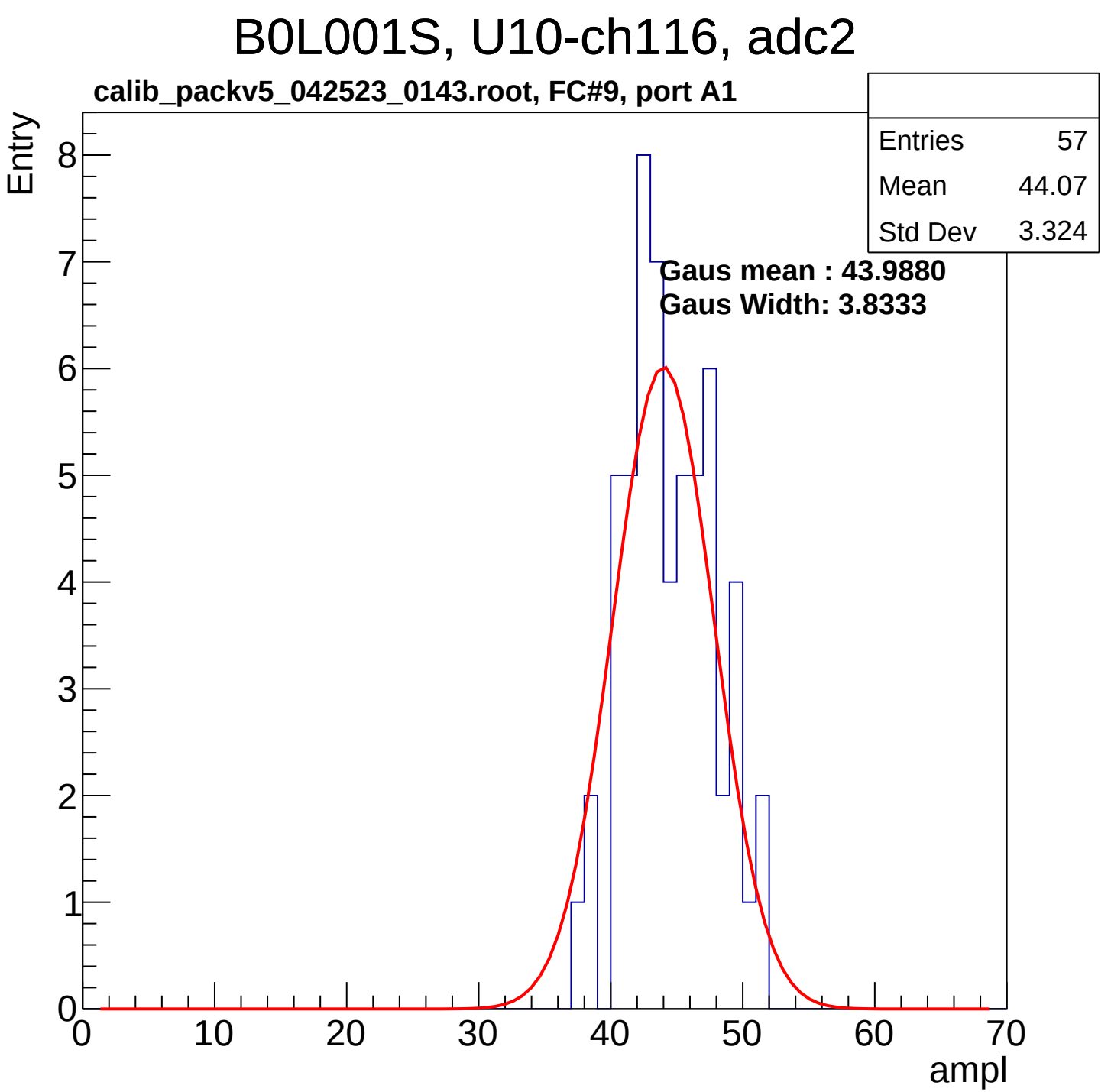
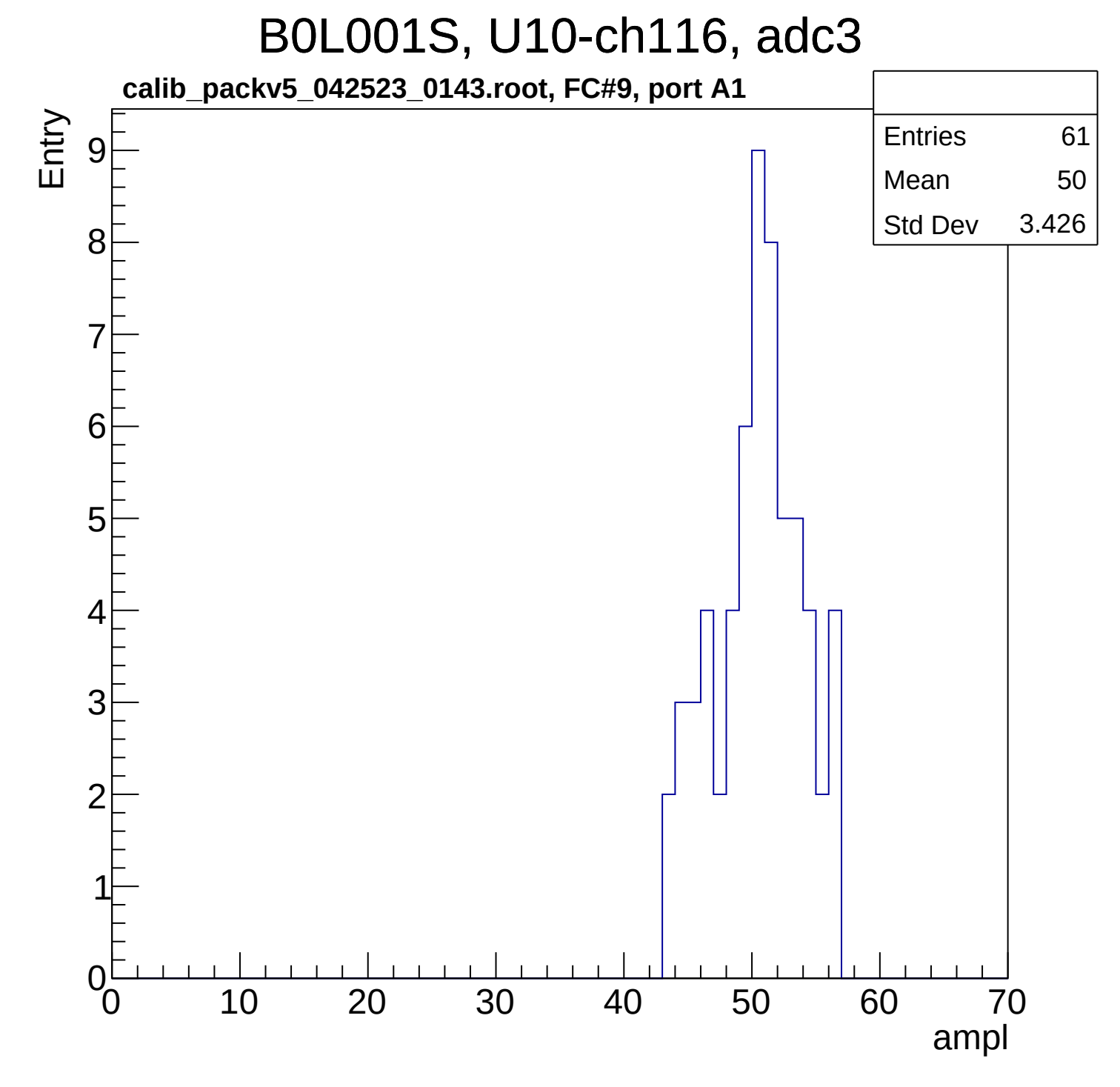

B0L001S, U10-ch115, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

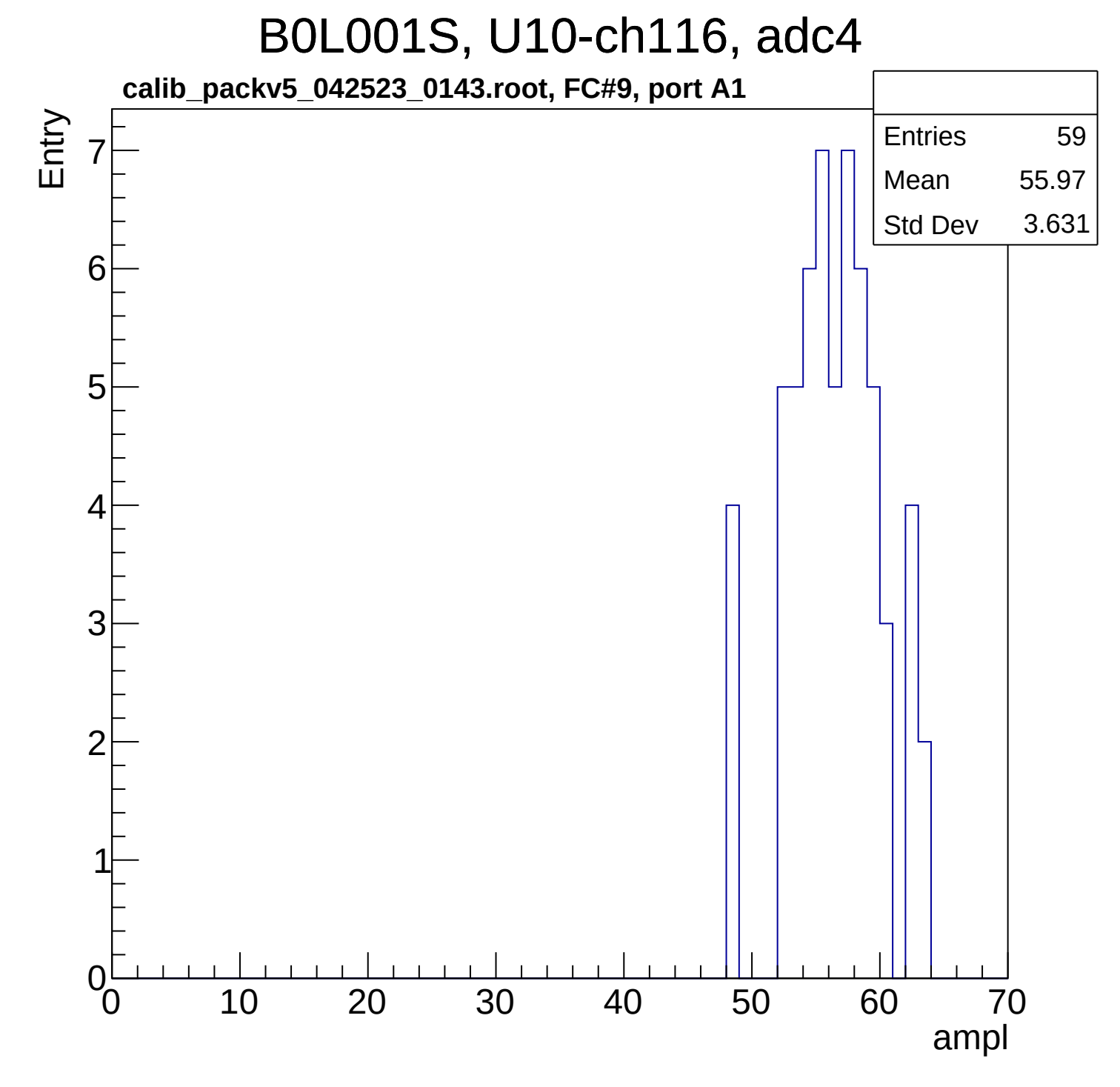

B0L001S, U10-ch115, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

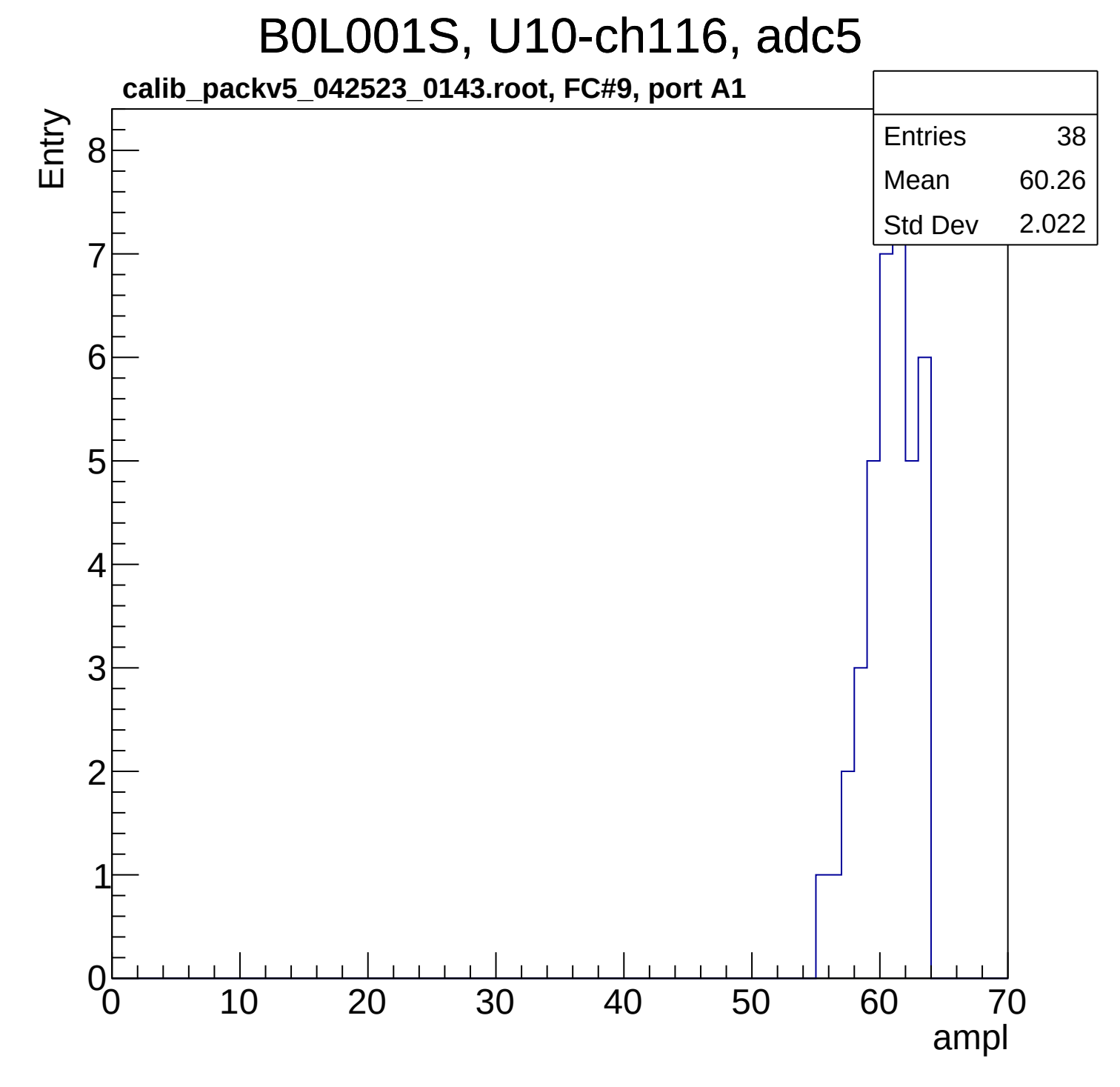

B0L001S, U10-ch116, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 29.84
Std Dev 5.332
Gaus mean : 30.6152
Gaus Width: 4.0300
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

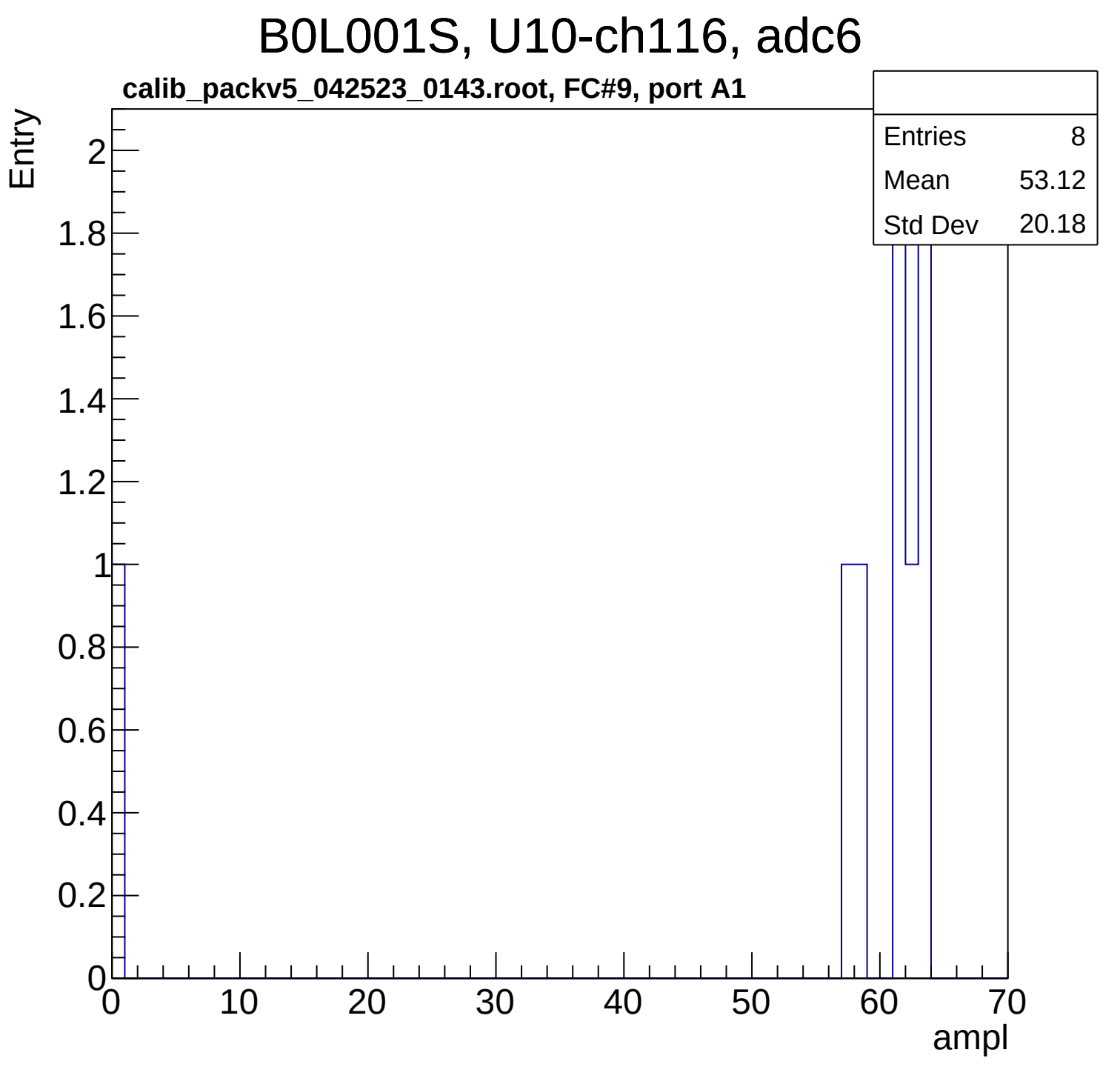

B0L001S, U10-ch116, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 37.49
Std Dev 3.961
Gaus mean : 37.3602
Gaus Width: 3.6271
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

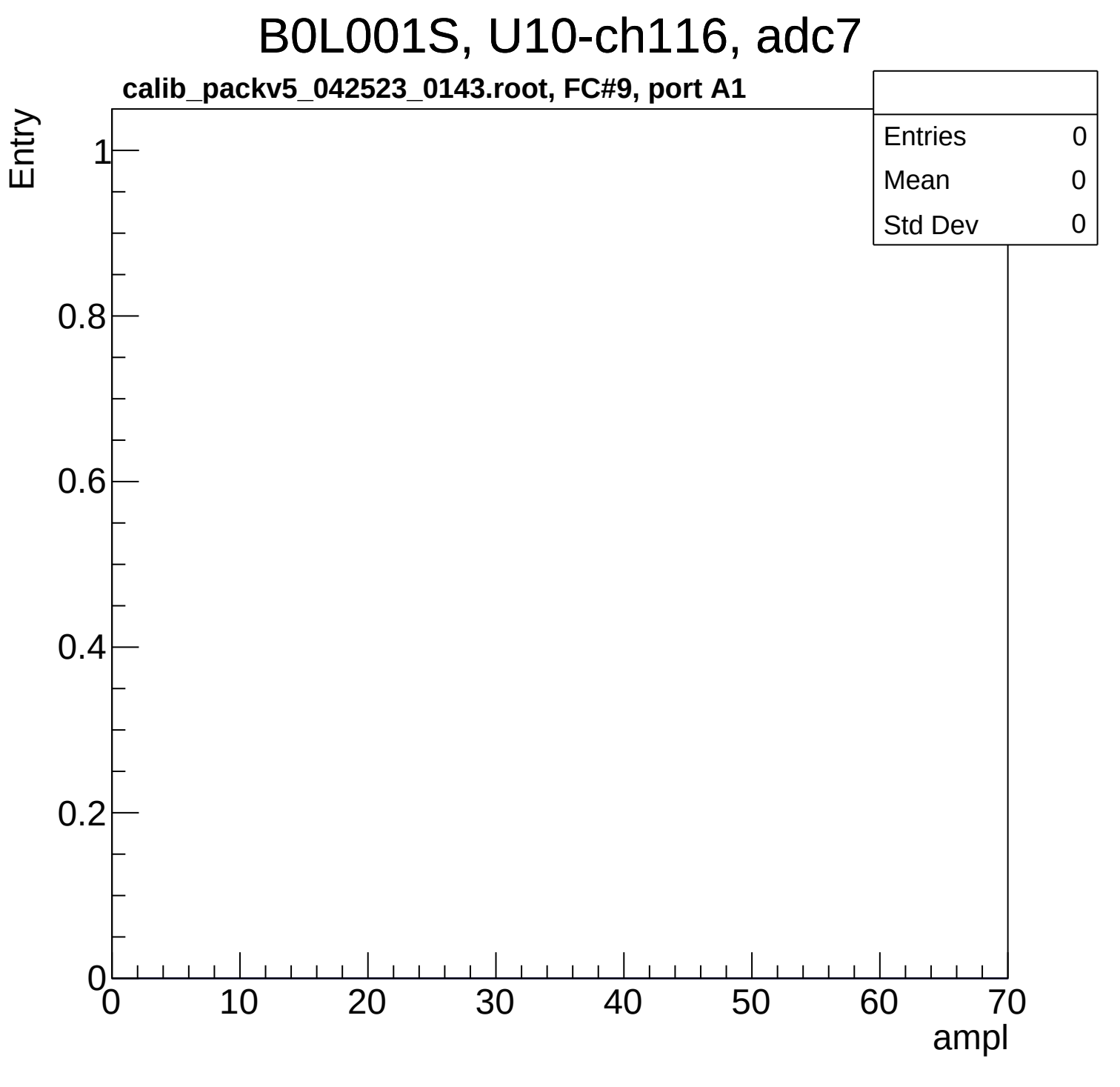

B0L001S, U10-ch116, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 44.07
Std Dev 3.324
Gaus mean : 43.9880
Gaus Width: 3.8333
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

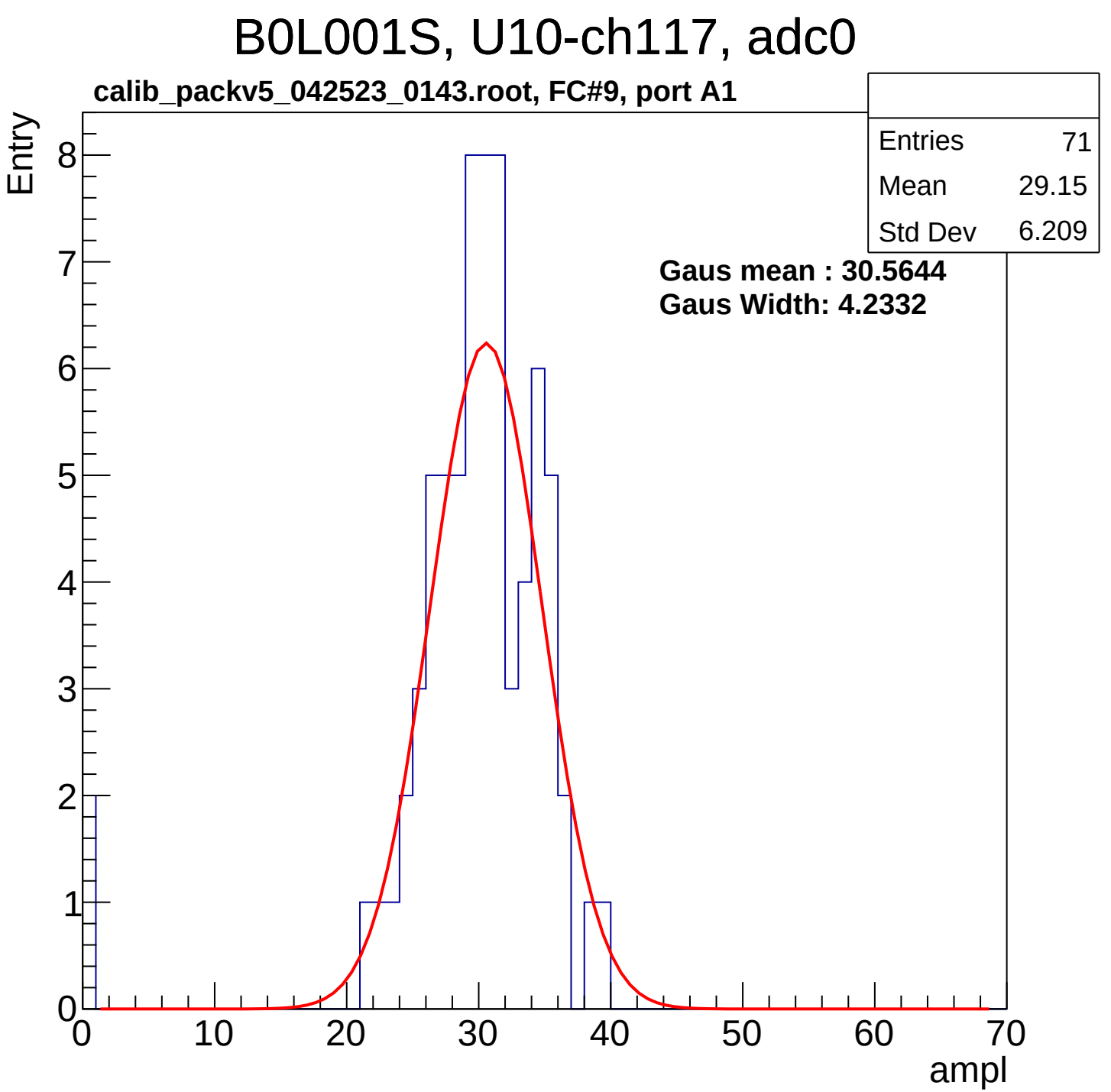

B0L001S, U10-ch116, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 50
Std Dev 3.426
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

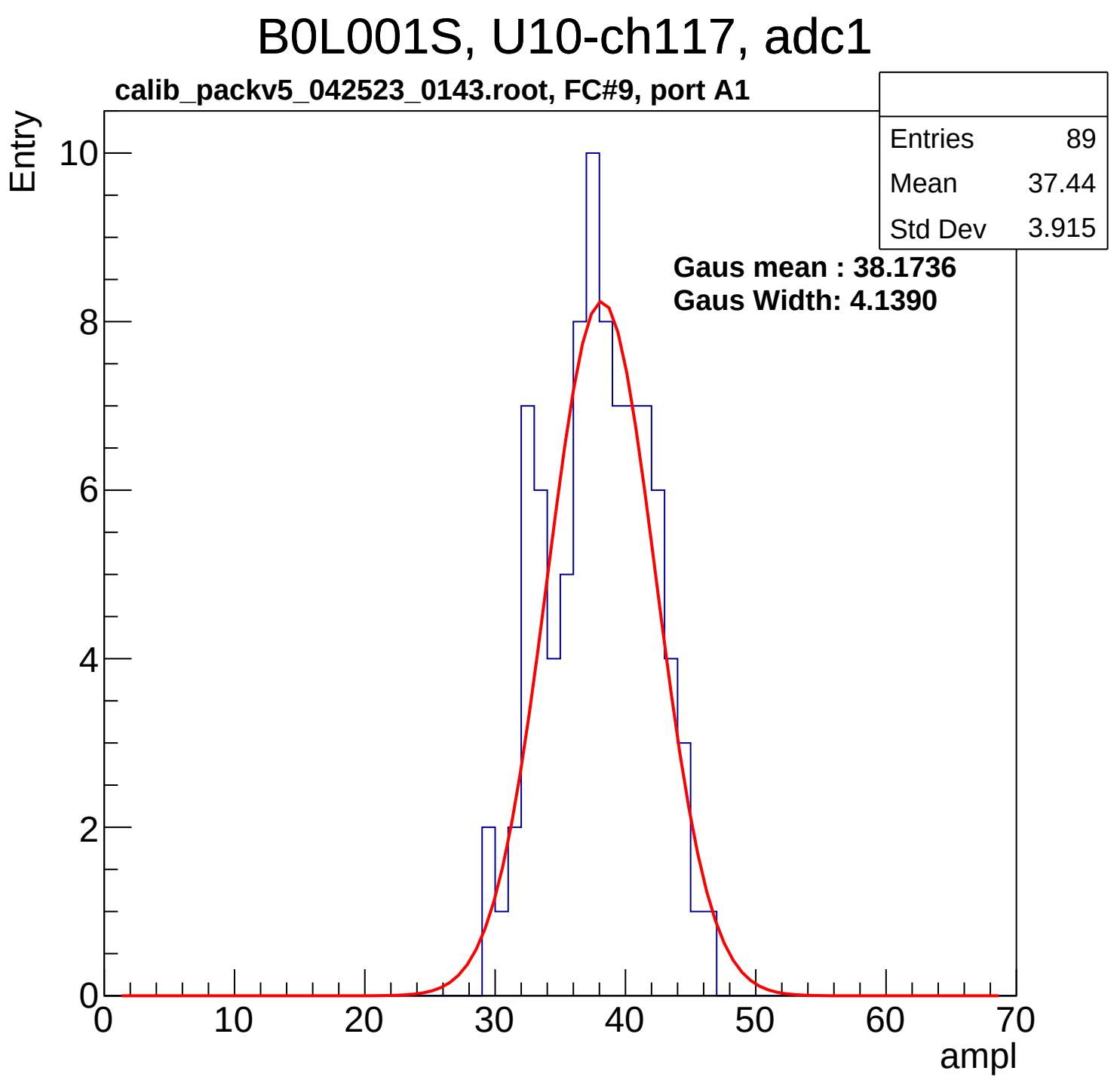

B0L001S, U10-ch116, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 55.97
Std Dev 3.631
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

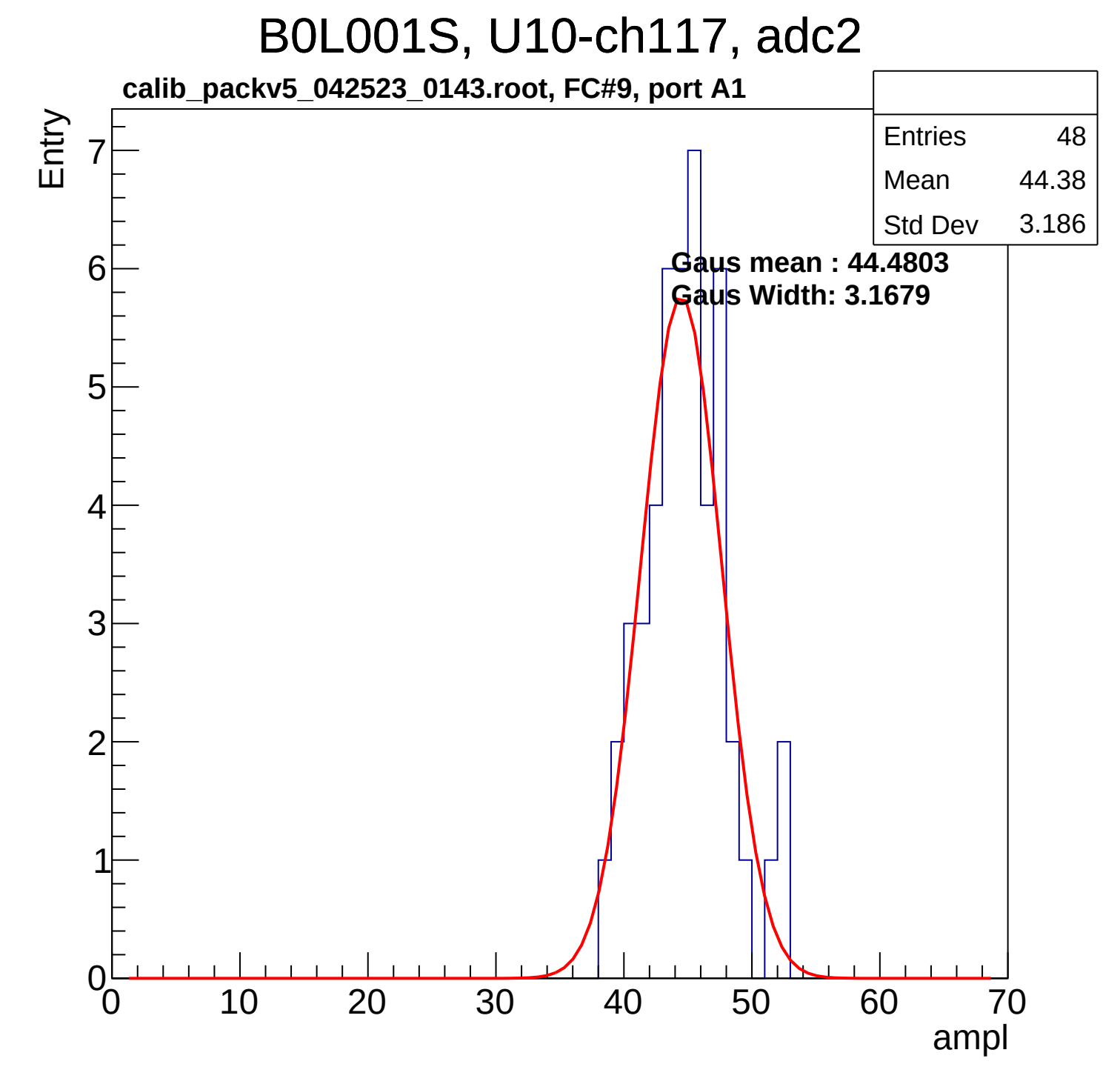

B0L001S, U10-ch116, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 60.26
Std Dev 2.022
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

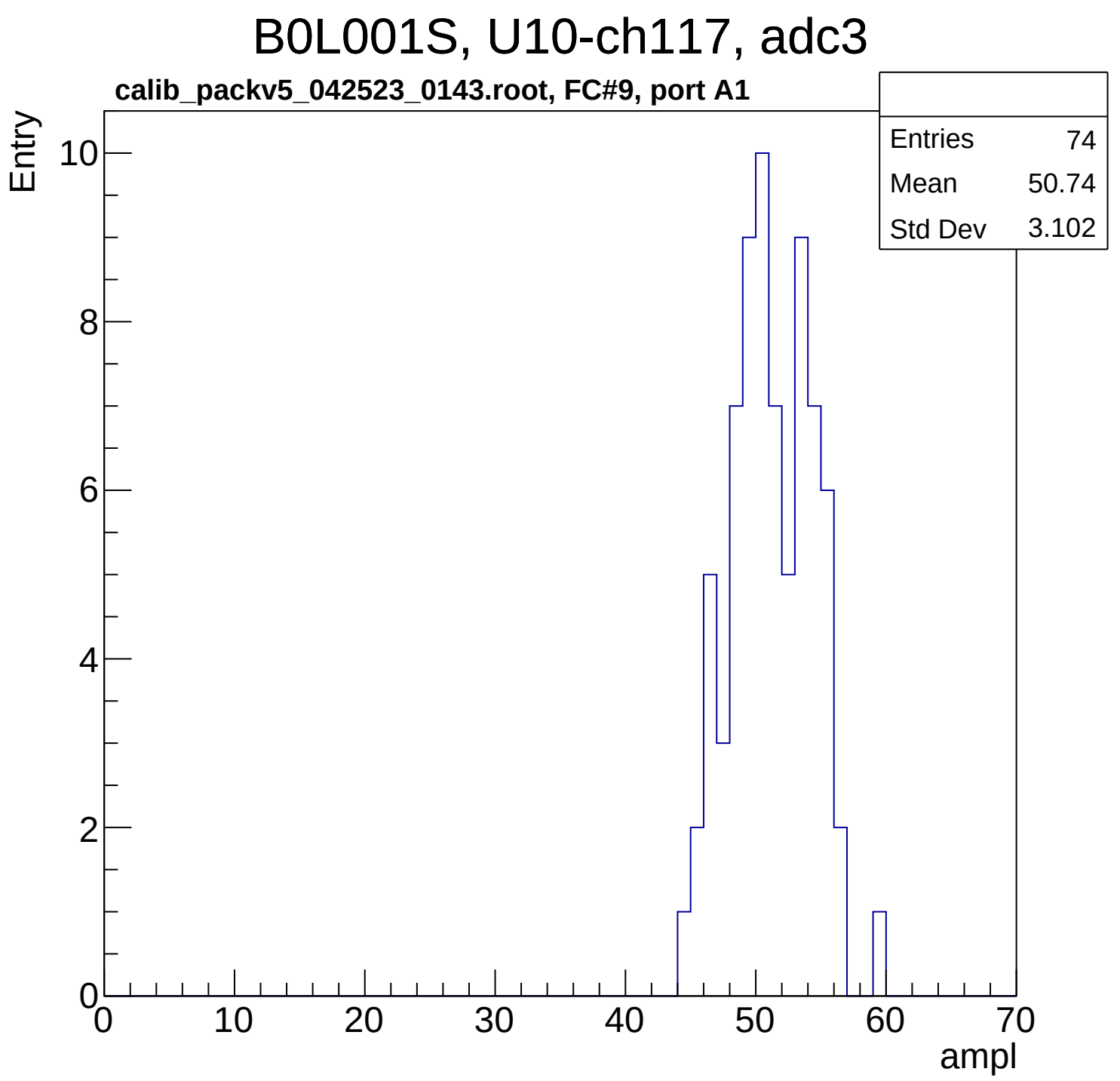

B0L001S, U10-ch116, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 53.12
Std Dev 20.18
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

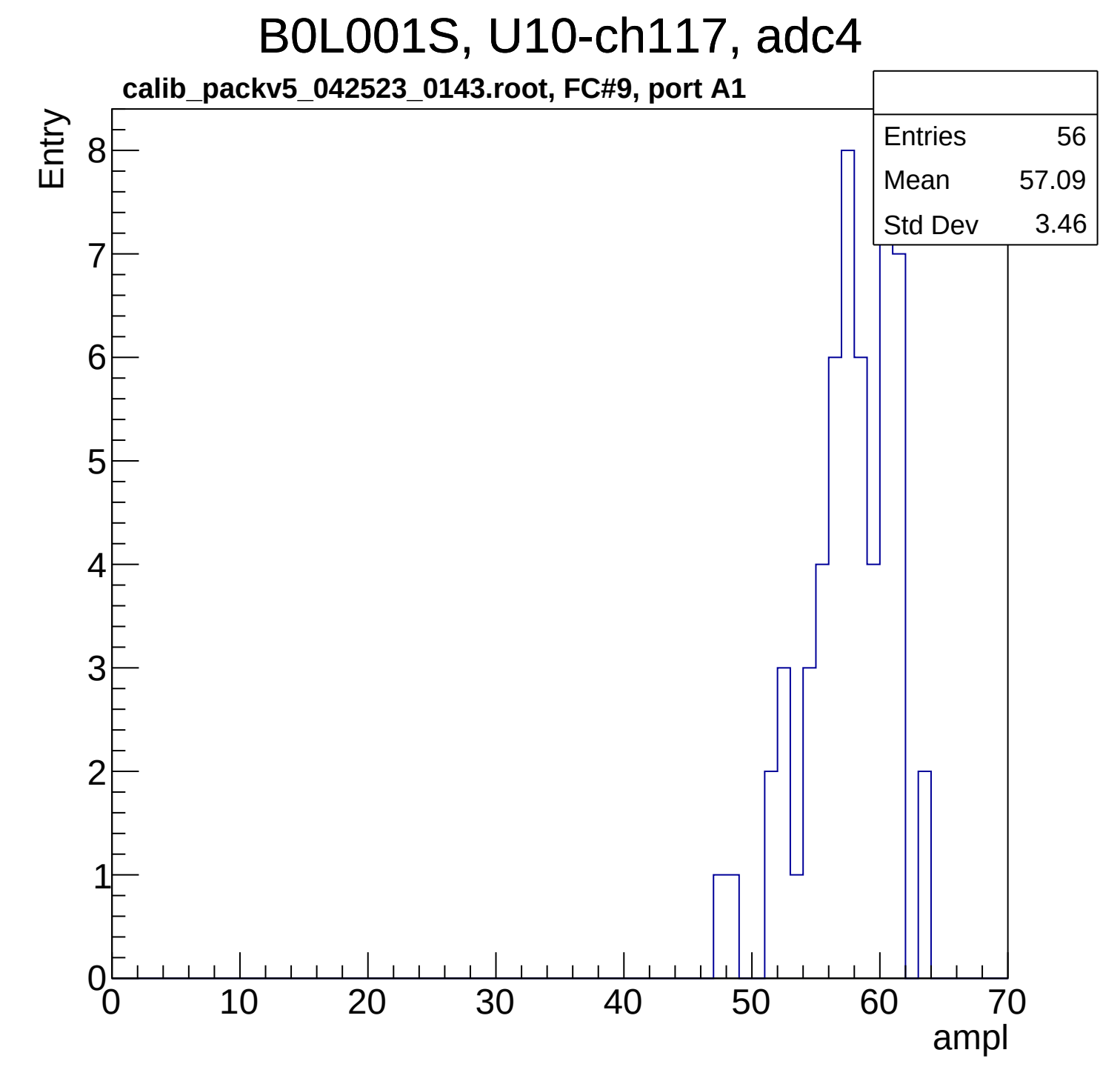

B0L001S, U10-ch116, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

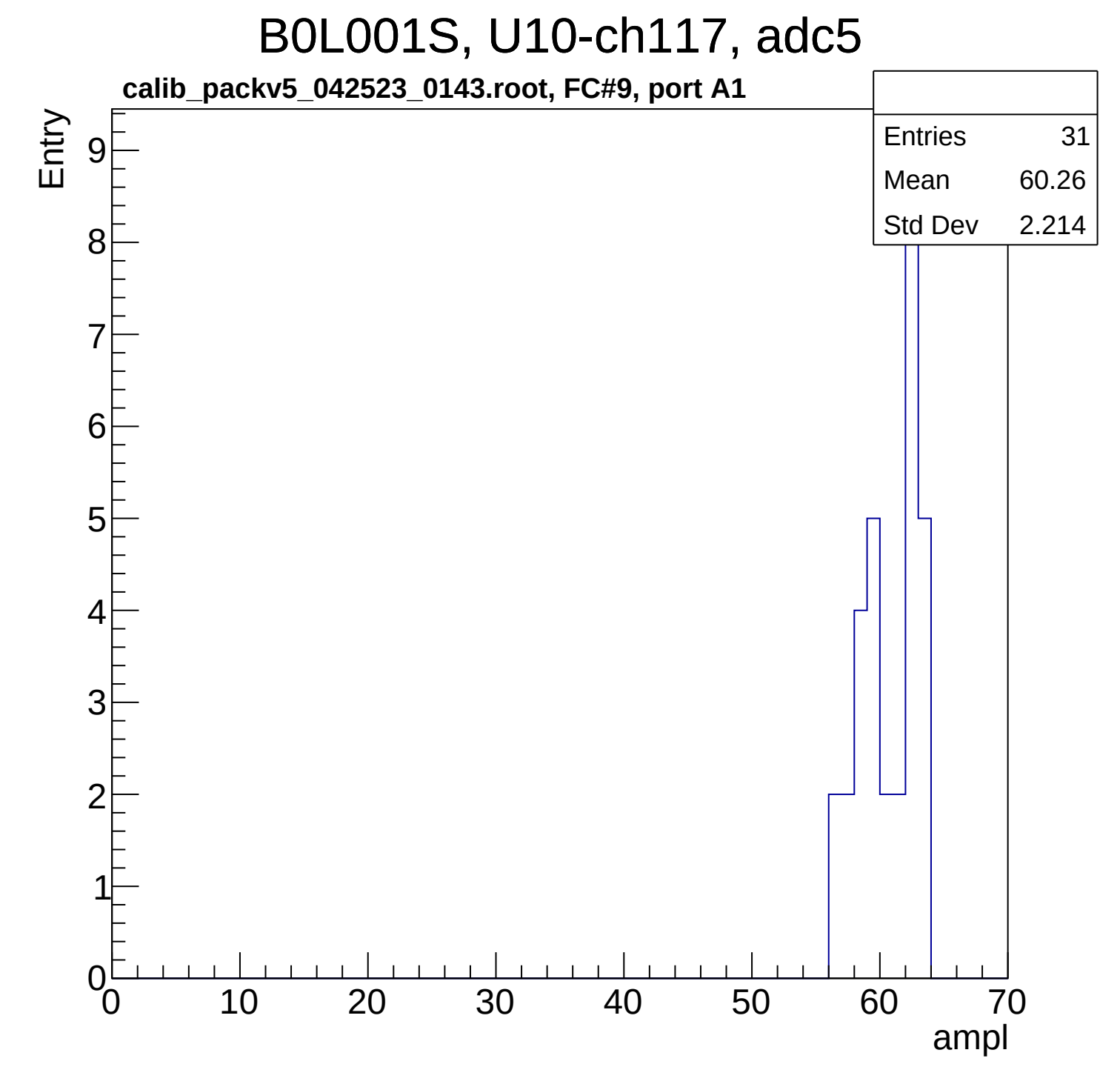

B0L001S, U10-ch117, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 29.15
Std Dev 6.209
Gaus mean : 30.5644
Gaus Width: 4.2332
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch117, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 37.44
Std Dev 3.915
Gaus mean : 38.1736
Gaus Width: 4.1390
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch117, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 44.38
Std Dev 3.186
Gaus mean : 44.4803
Gaus Width: 3.1679
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch117, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 50.74
Std Dev 3.102
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch117, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 57.09
Std Dev 3.46
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch117, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 60.26
Std Dev 2.214
Entry
ampl
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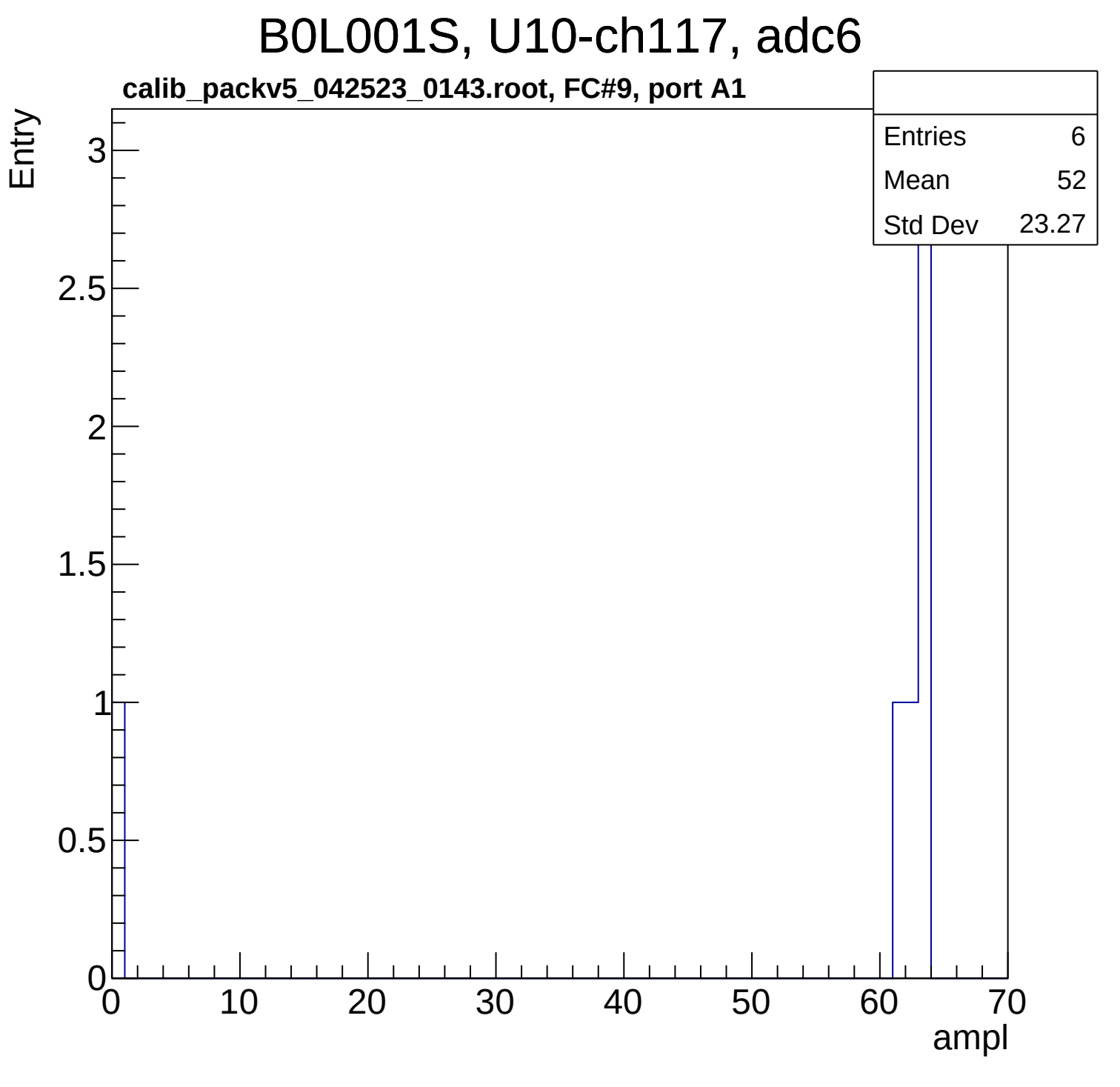
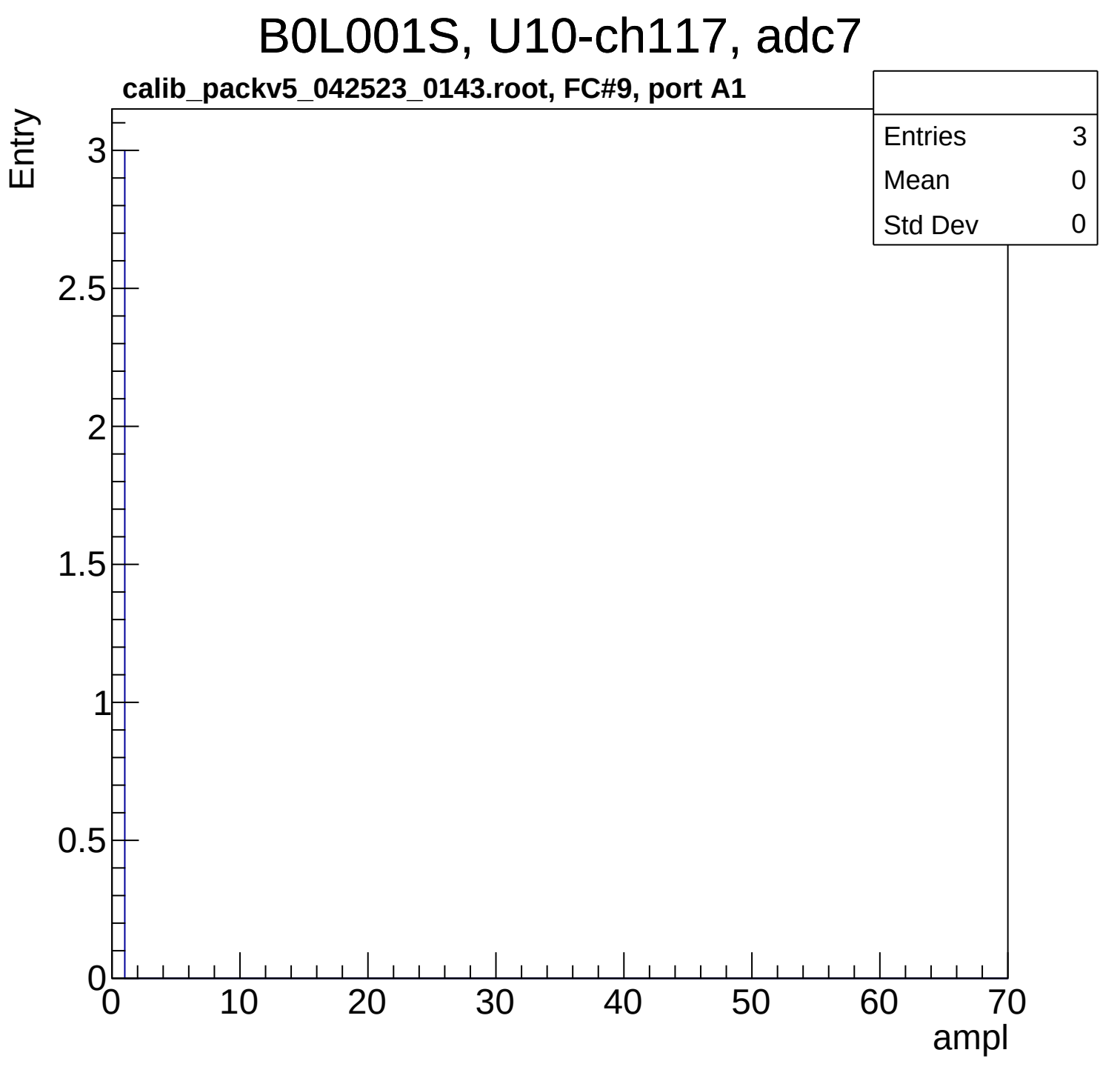
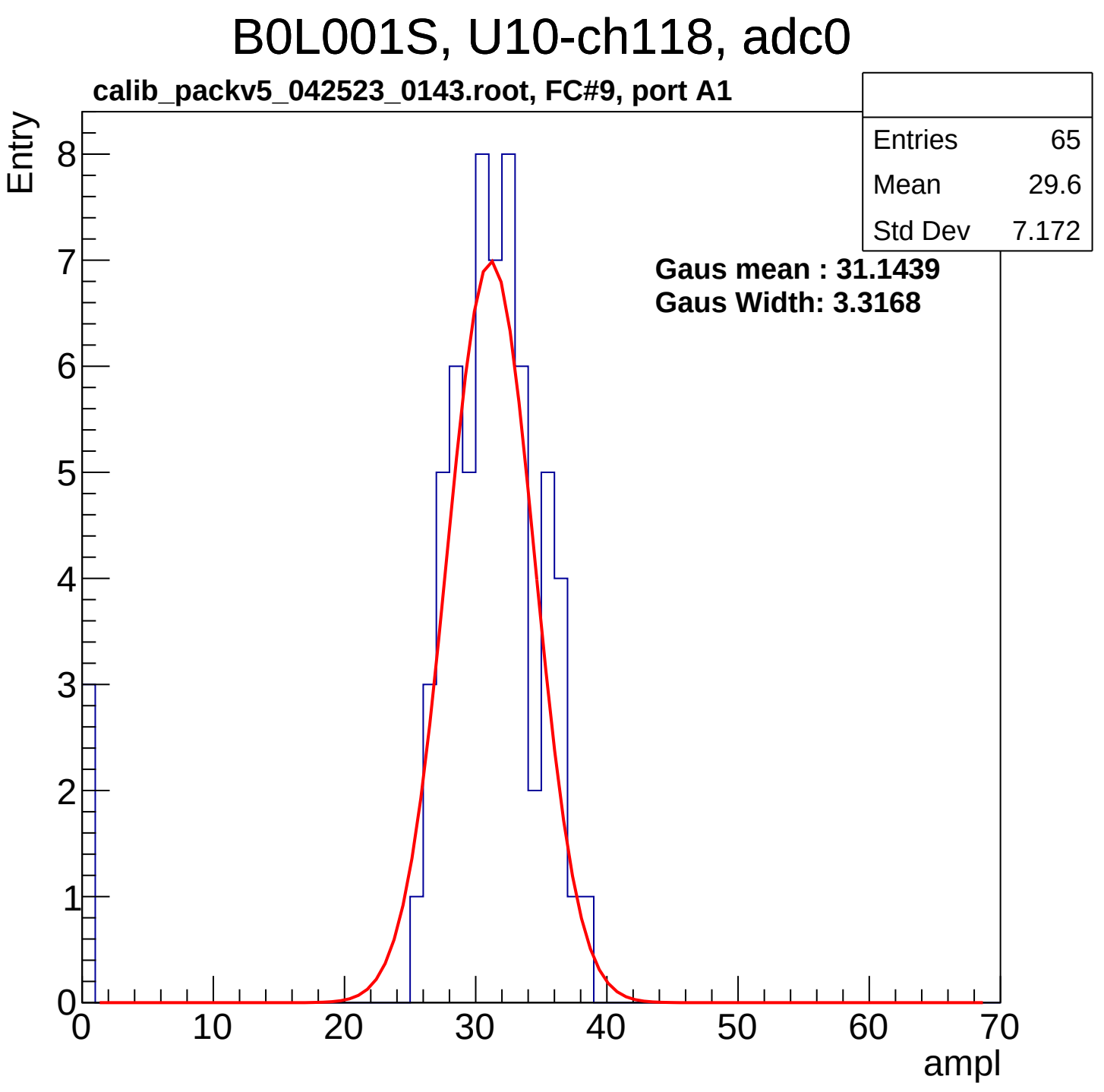
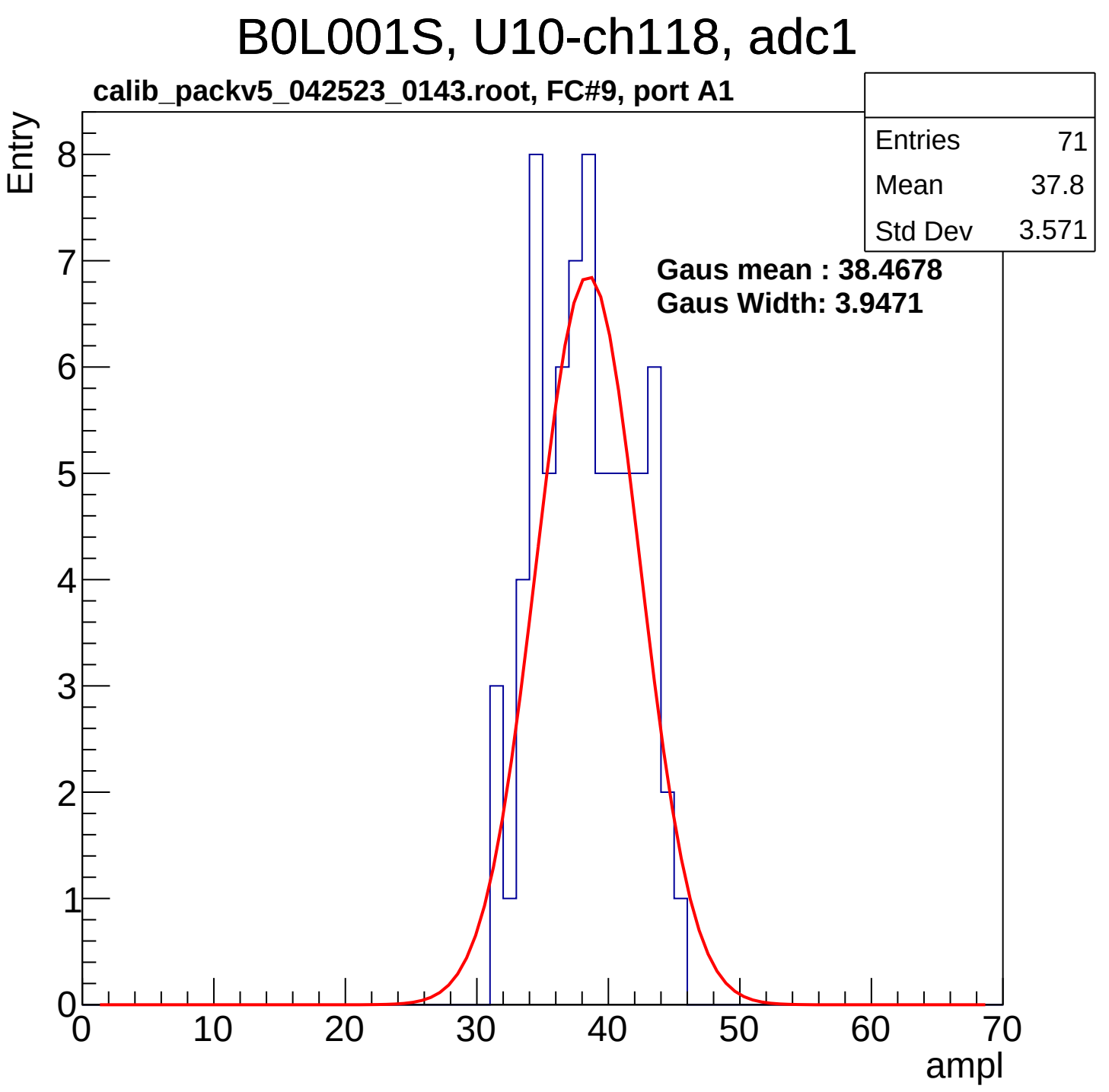
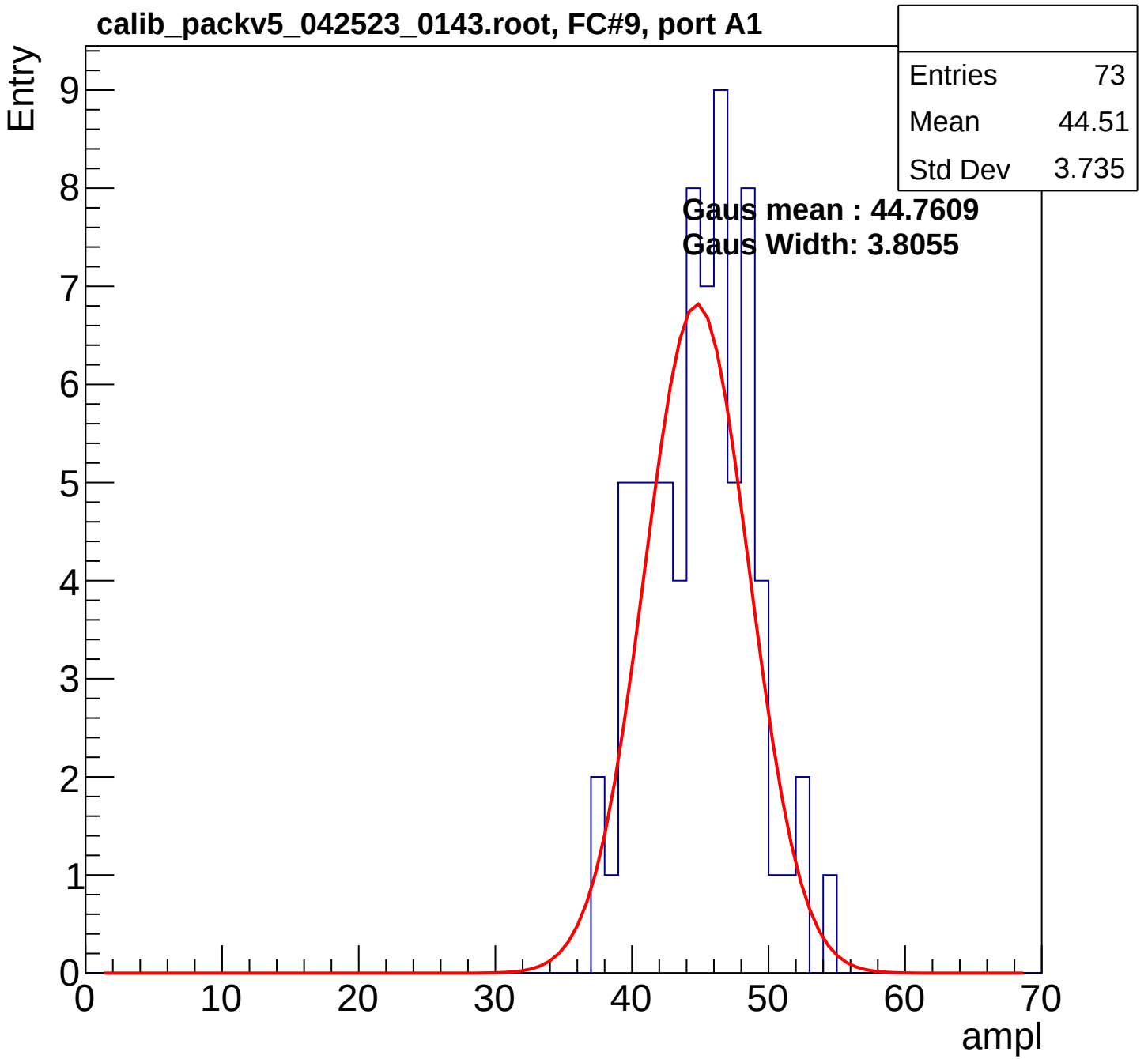
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

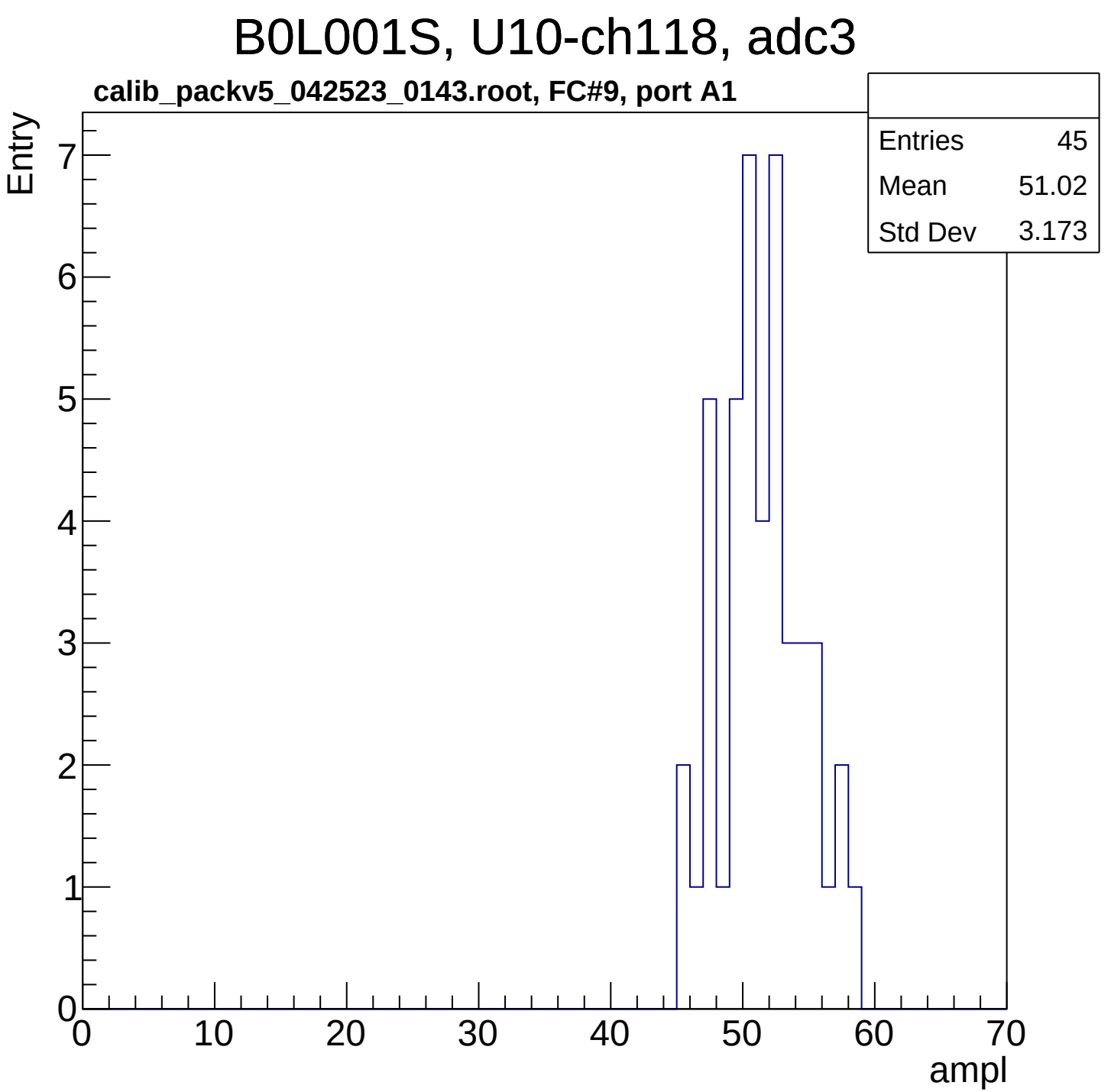

B0L001S, U10-ch117, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 52
Std Dev 23.27
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch117, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch118, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 29.6
Std Dev 7.172
Gaus mean : 31.1439
Gaus Width: 3.3168
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch118, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.8
Std Dev 3.571
Gaus mean : 38.4678
Gaus Width: 3.9471
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch118, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 44.51
Std Dev 3.735
Gaus mean : 44.7609
Gaus Width: 3.8055
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch118, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 51.02
Std Dev 3.173
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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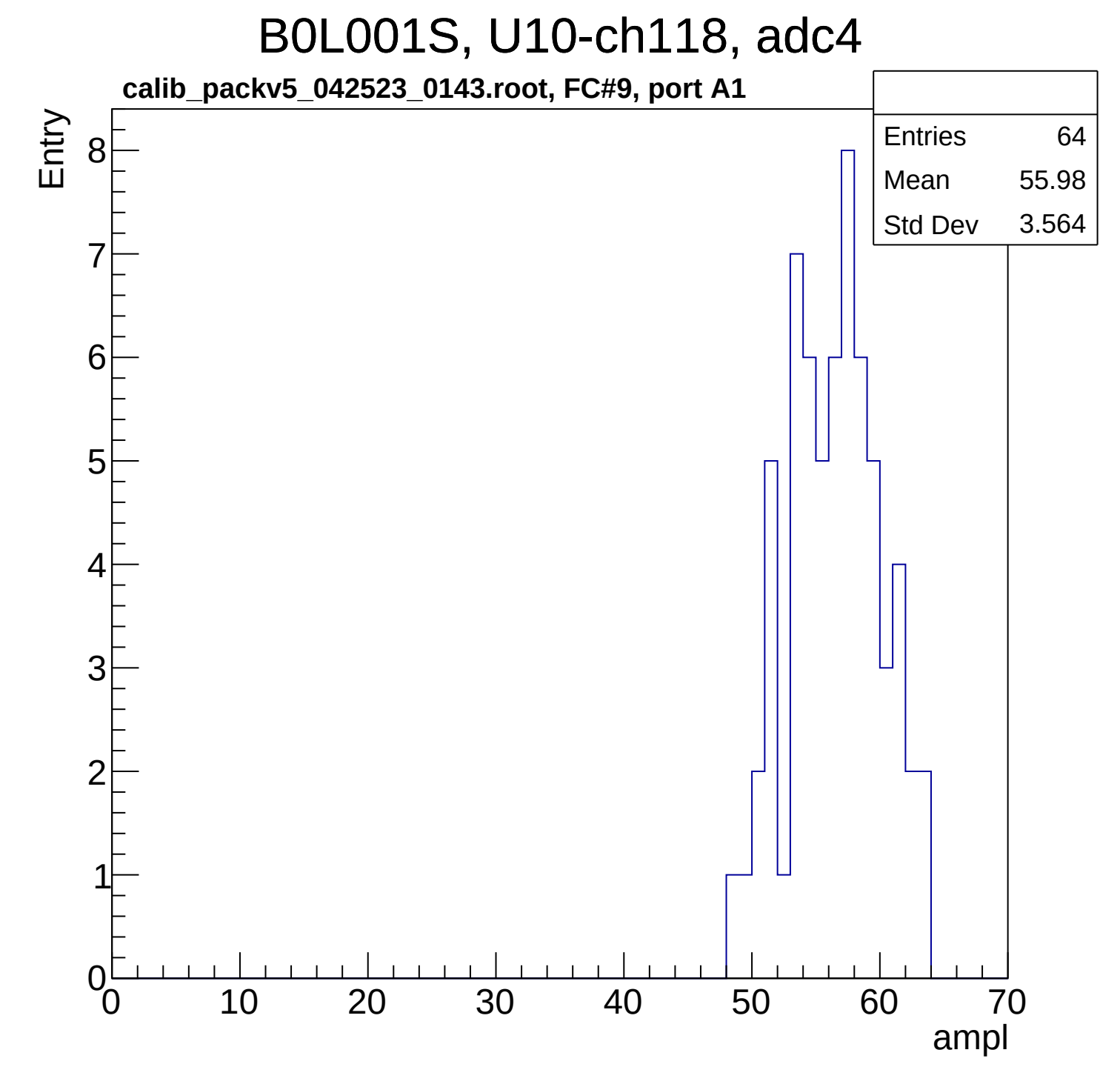
60
70


B0L001S, U10-ch118, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 55.98
Std Dev 3.564
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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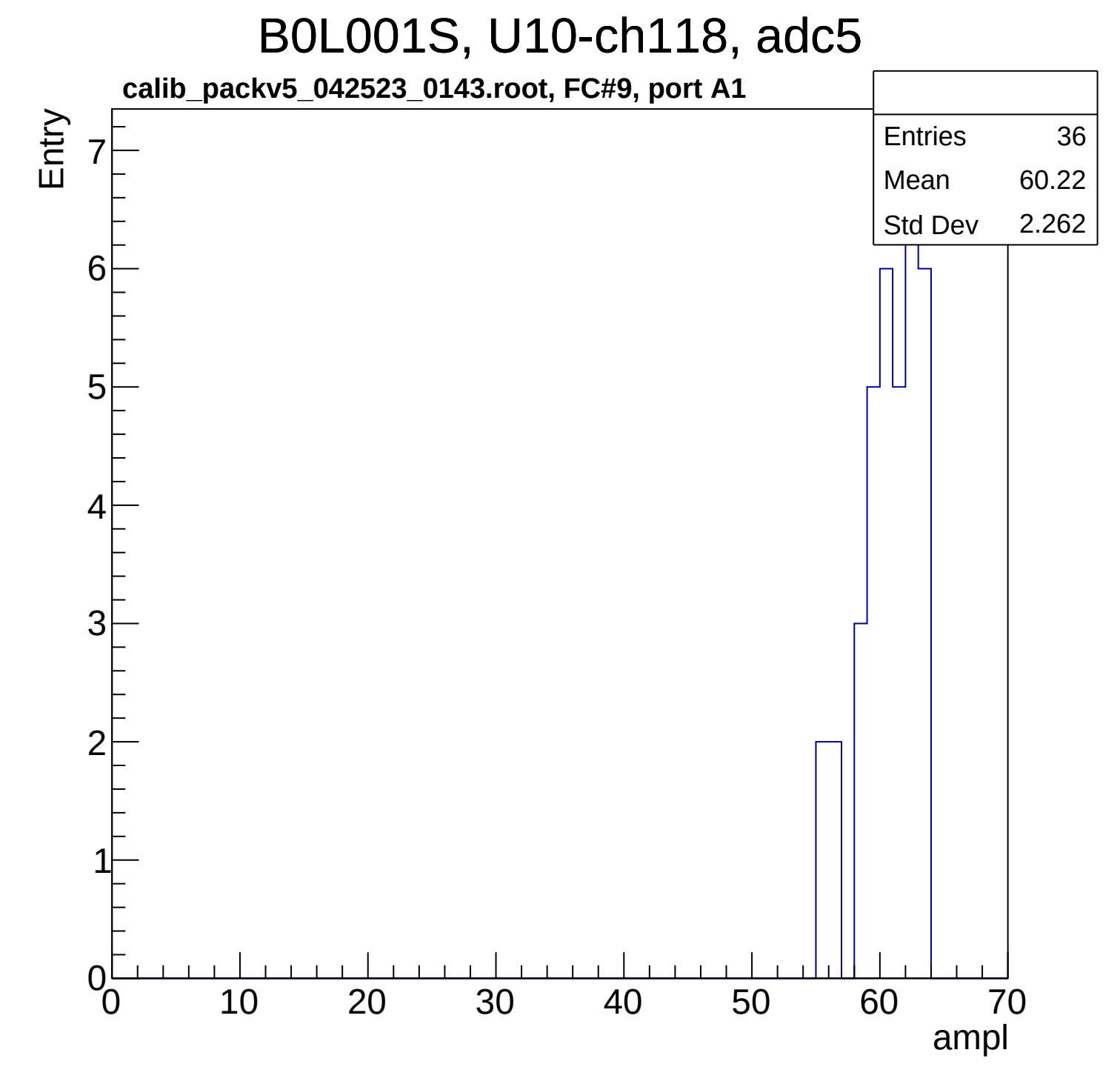
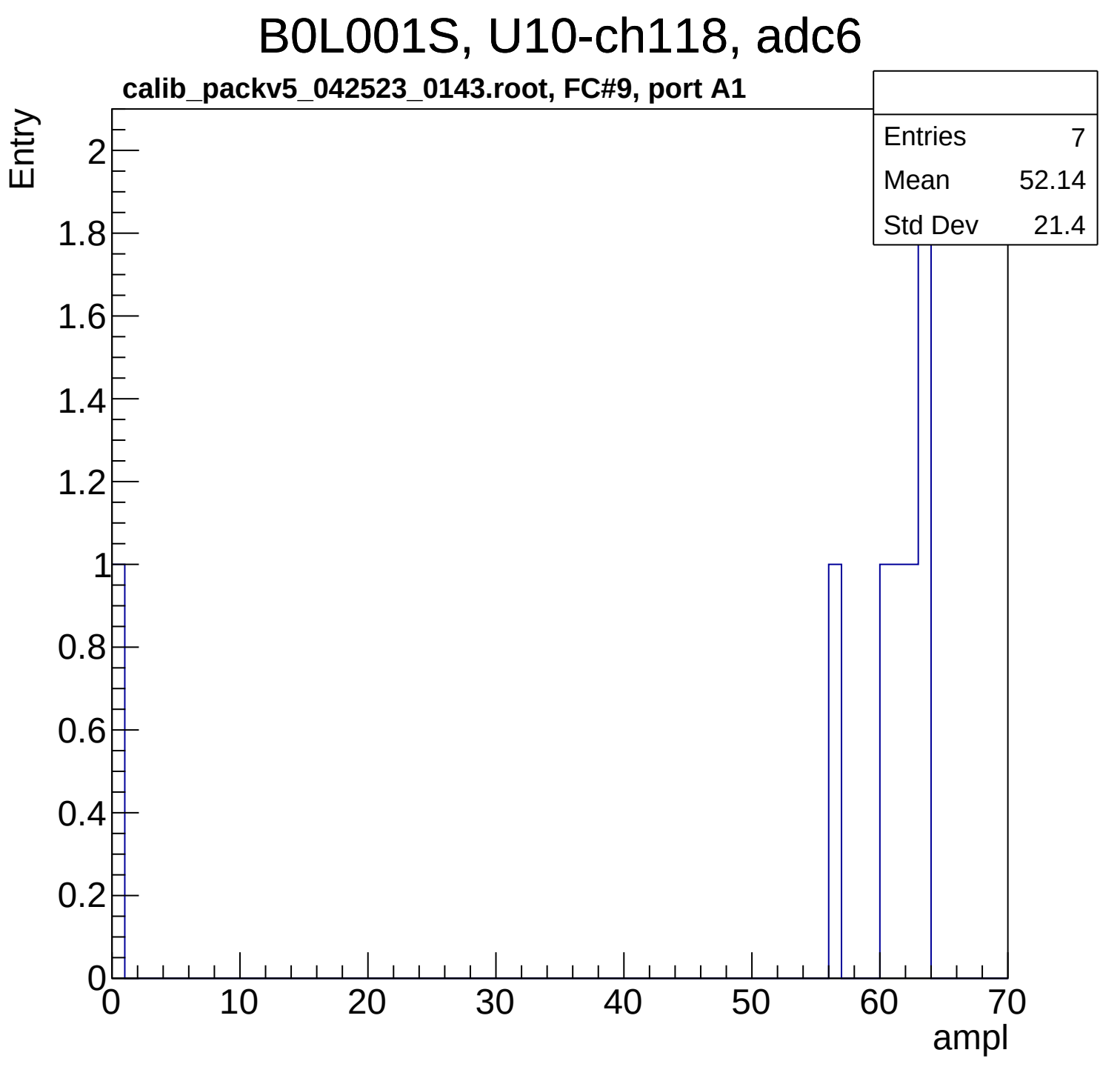
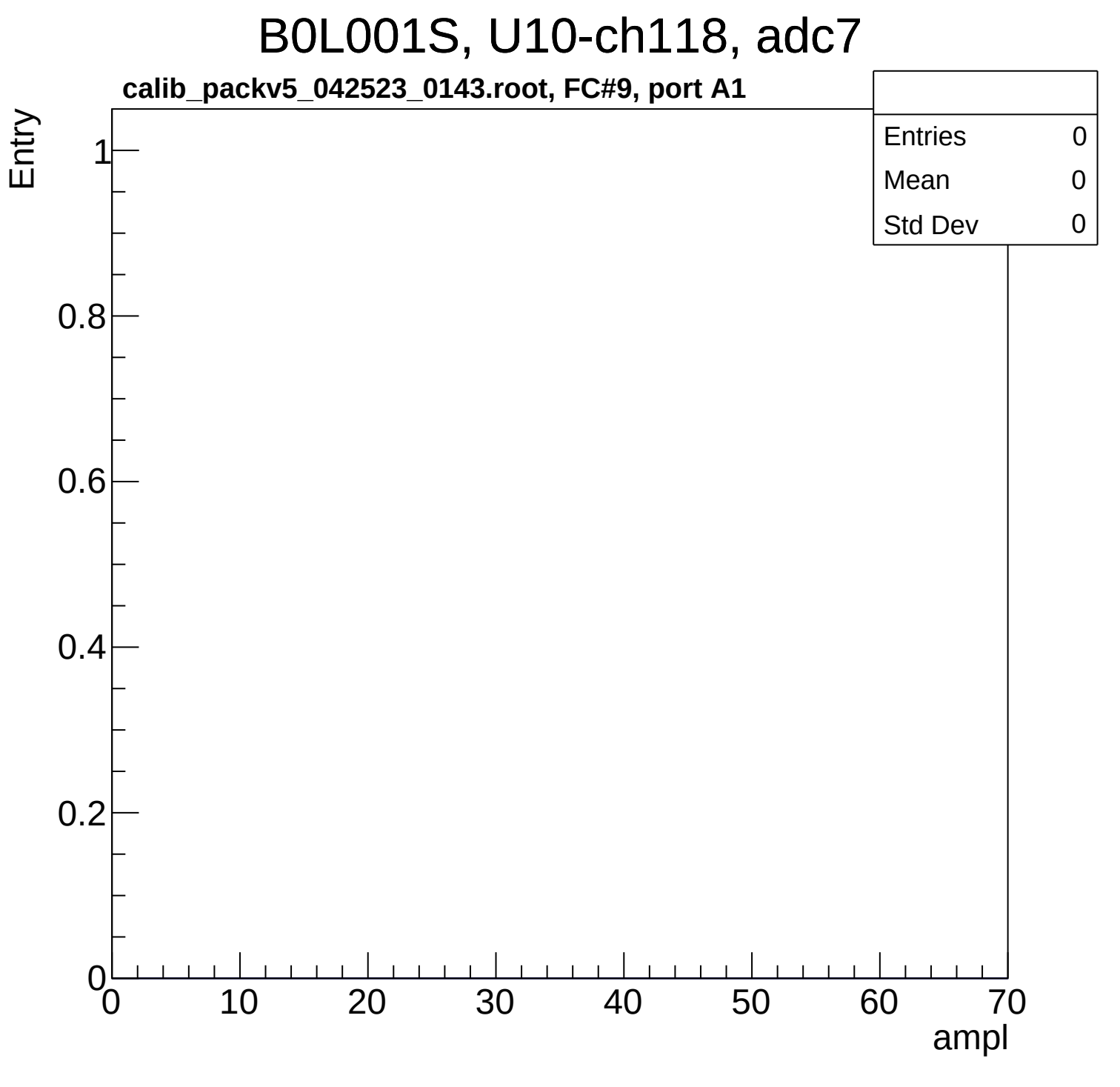
40
50
60
70


B0L001S, U10-ch118, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 60.22
Std Dev 2.262
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch118, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 52.14
Std Dev 21.4
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


B0L001S, U10-ch118, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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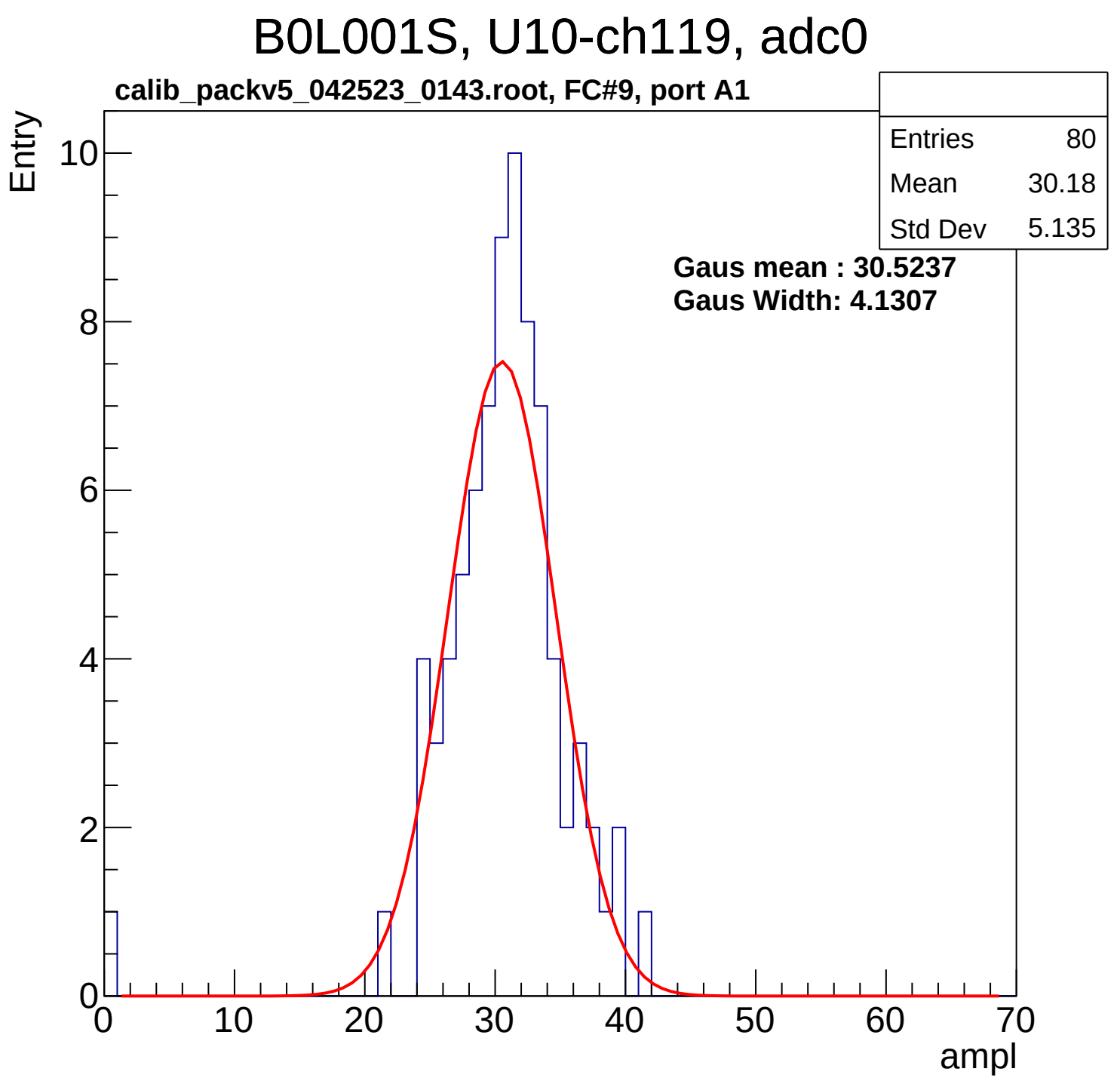
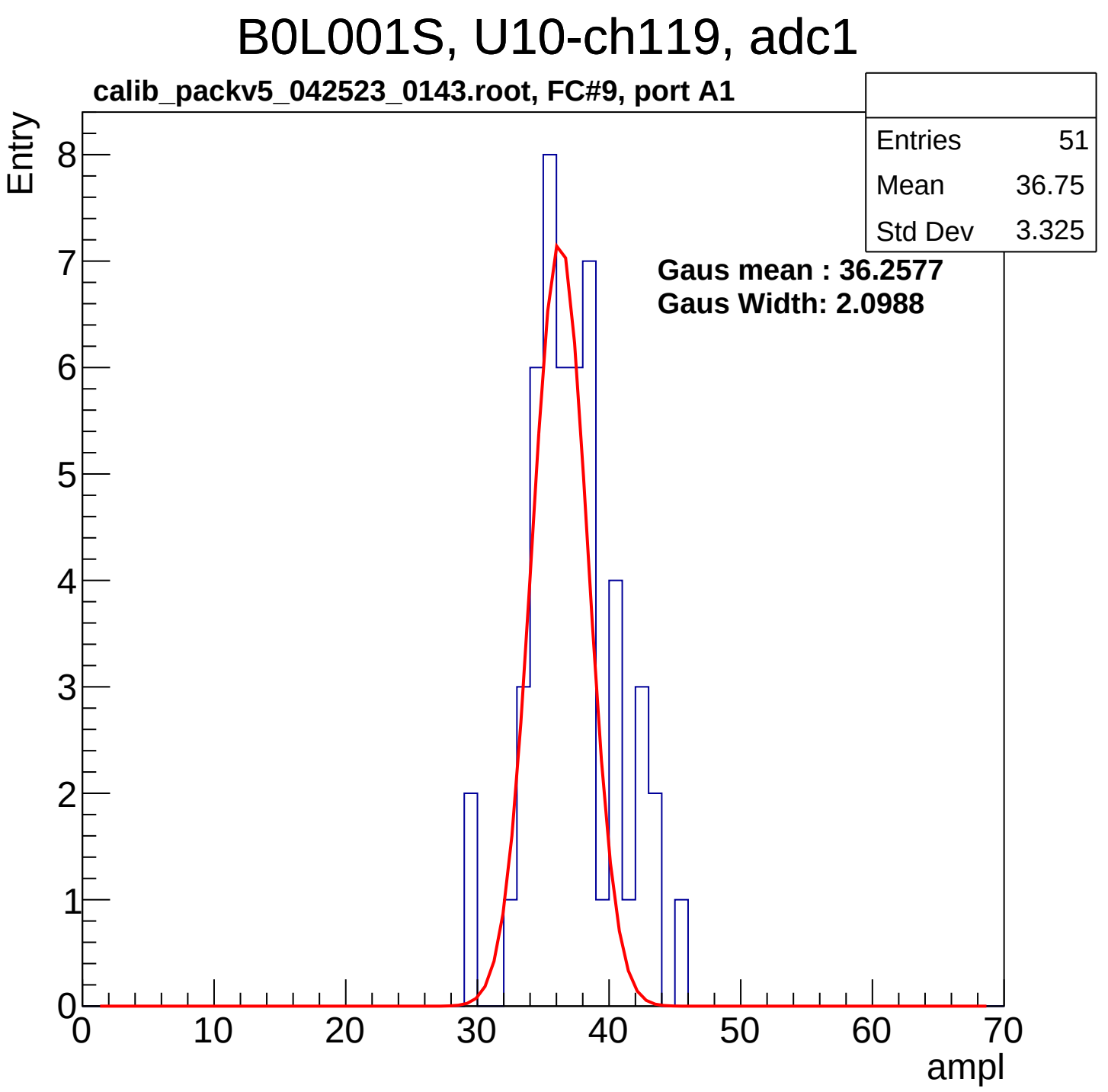
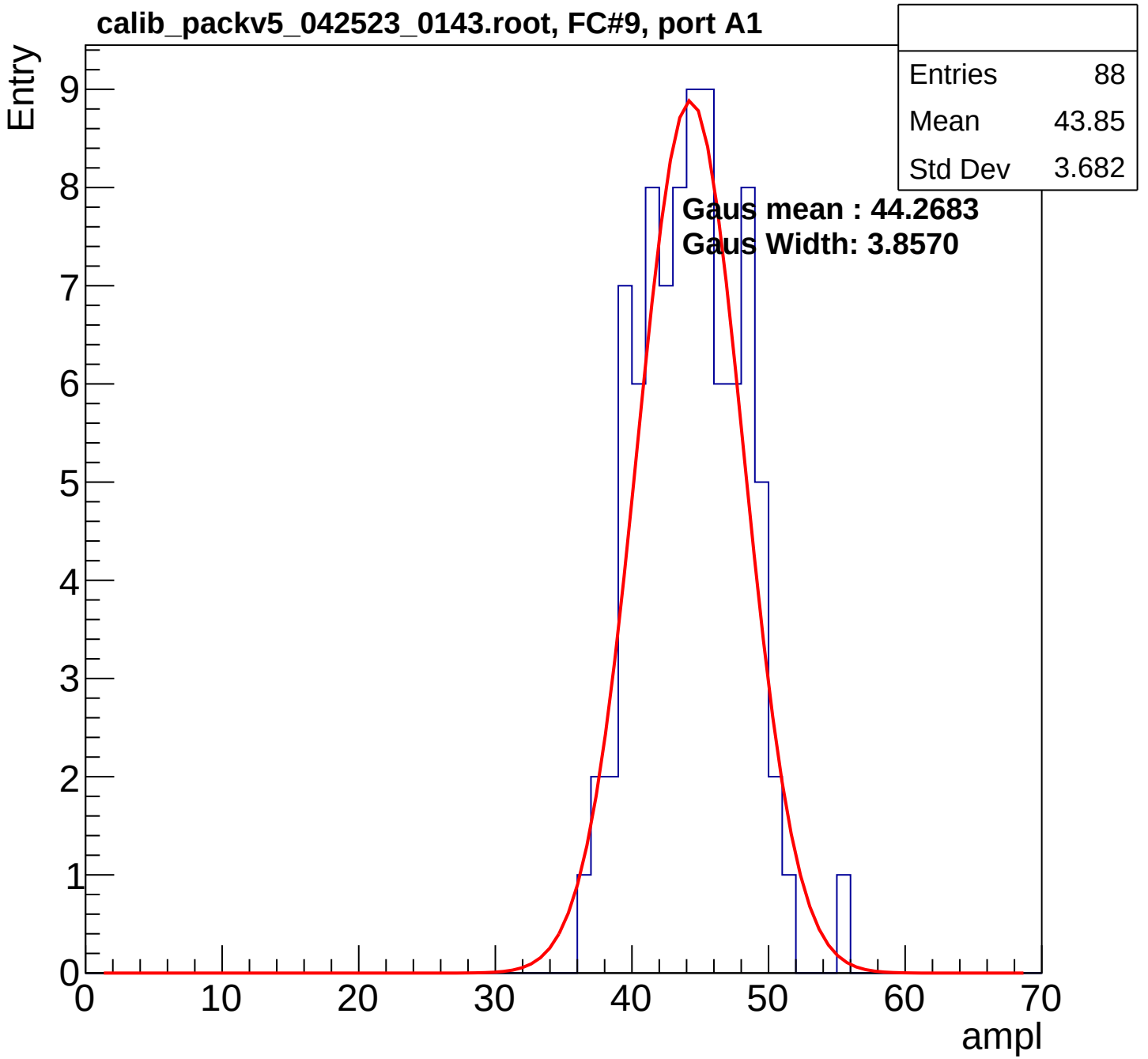
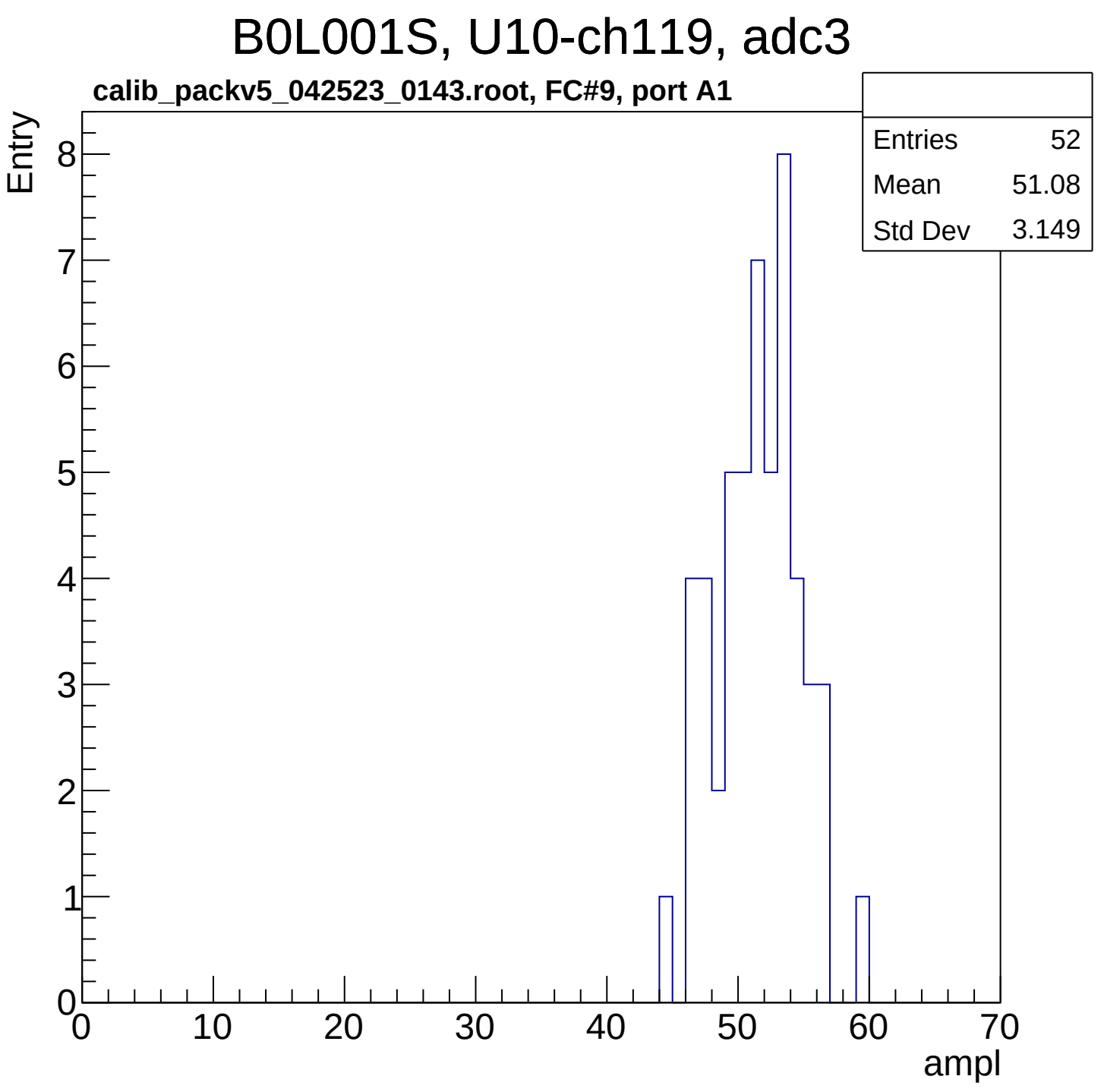
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch119, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 30.18
Std Dev 5.135
Gaus mean : 30.5237
Gaus Width: 4.1307
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch119, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 36.75
Std Dev 3.325
Gaus mean : 36.2577
Gaus Width: 2.0988
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch119, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 88
Mean 43.85
Std Dev 3.682
Gaus mean : 44.2683
Gaus Width: 3.8570
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch119, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 51.08
Std Dev 3.149
Entry
ampl
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2
3
4
5
6
7
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0
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40
50
60
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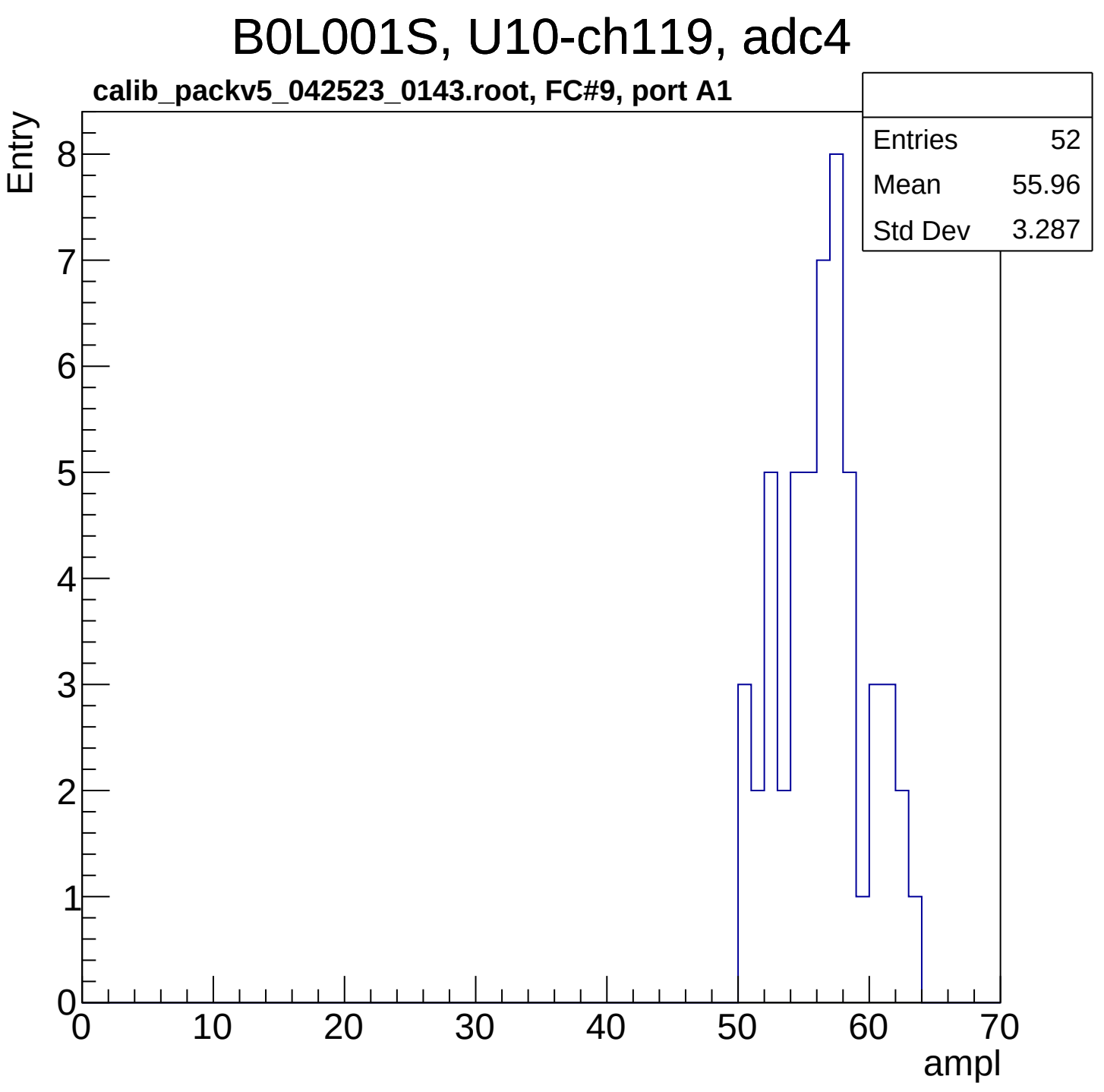
B0L001S, U10-ch119, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 55.96
Std Dev 3.287
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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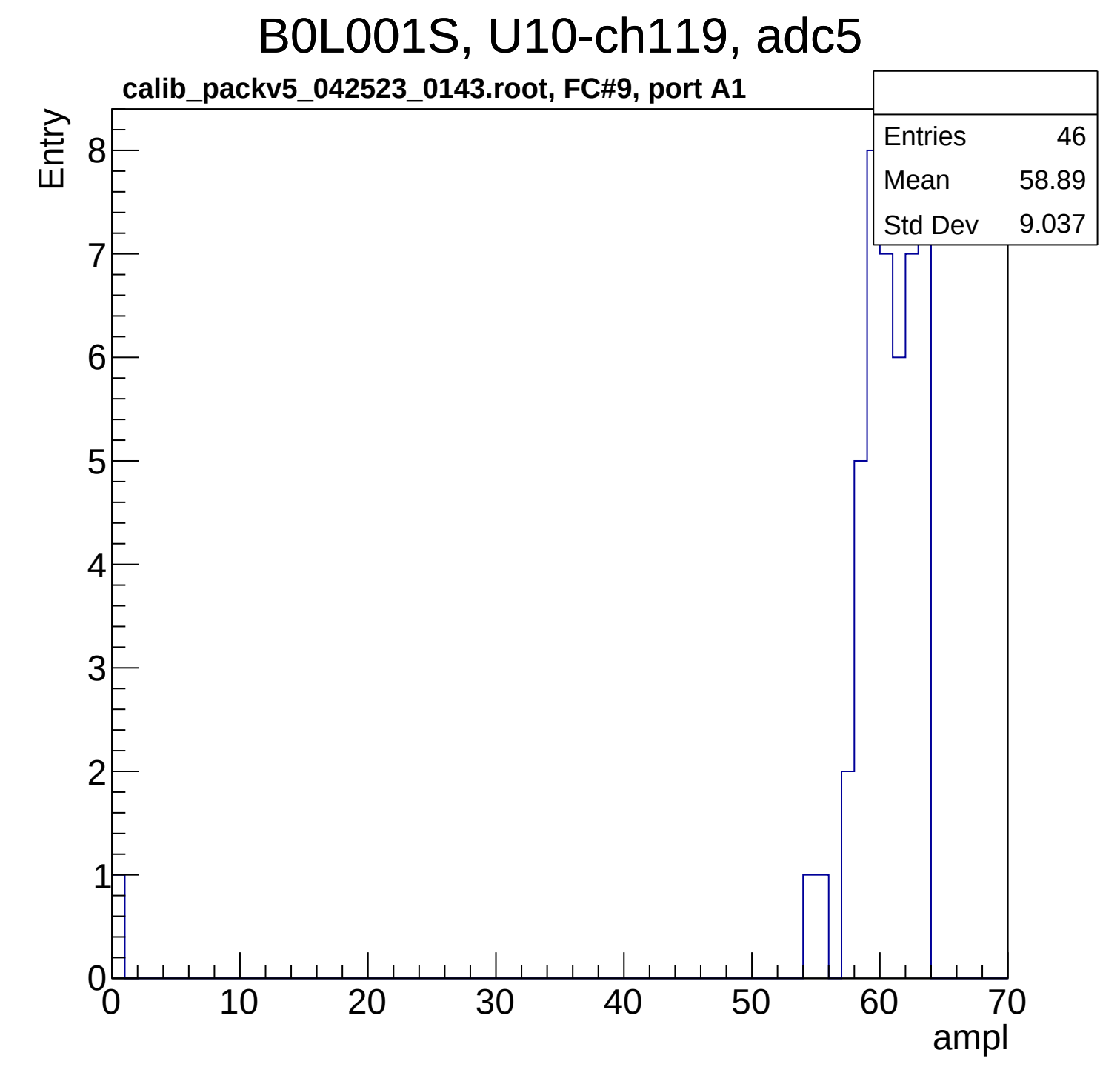
40
50
60
70


B0L001S, U10-ch119, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 58.89
Std Dev 9.037
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
30
40
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60
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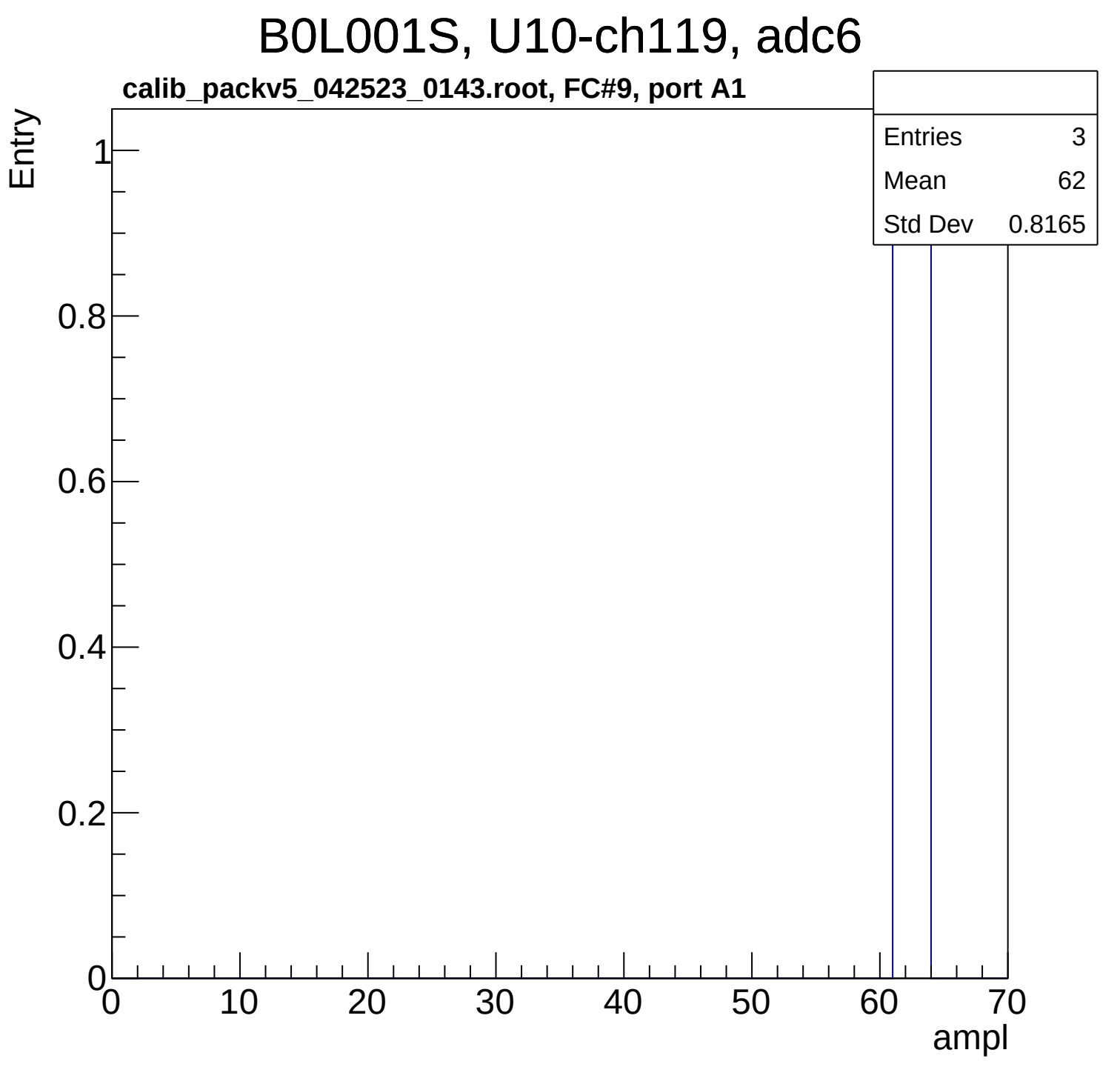
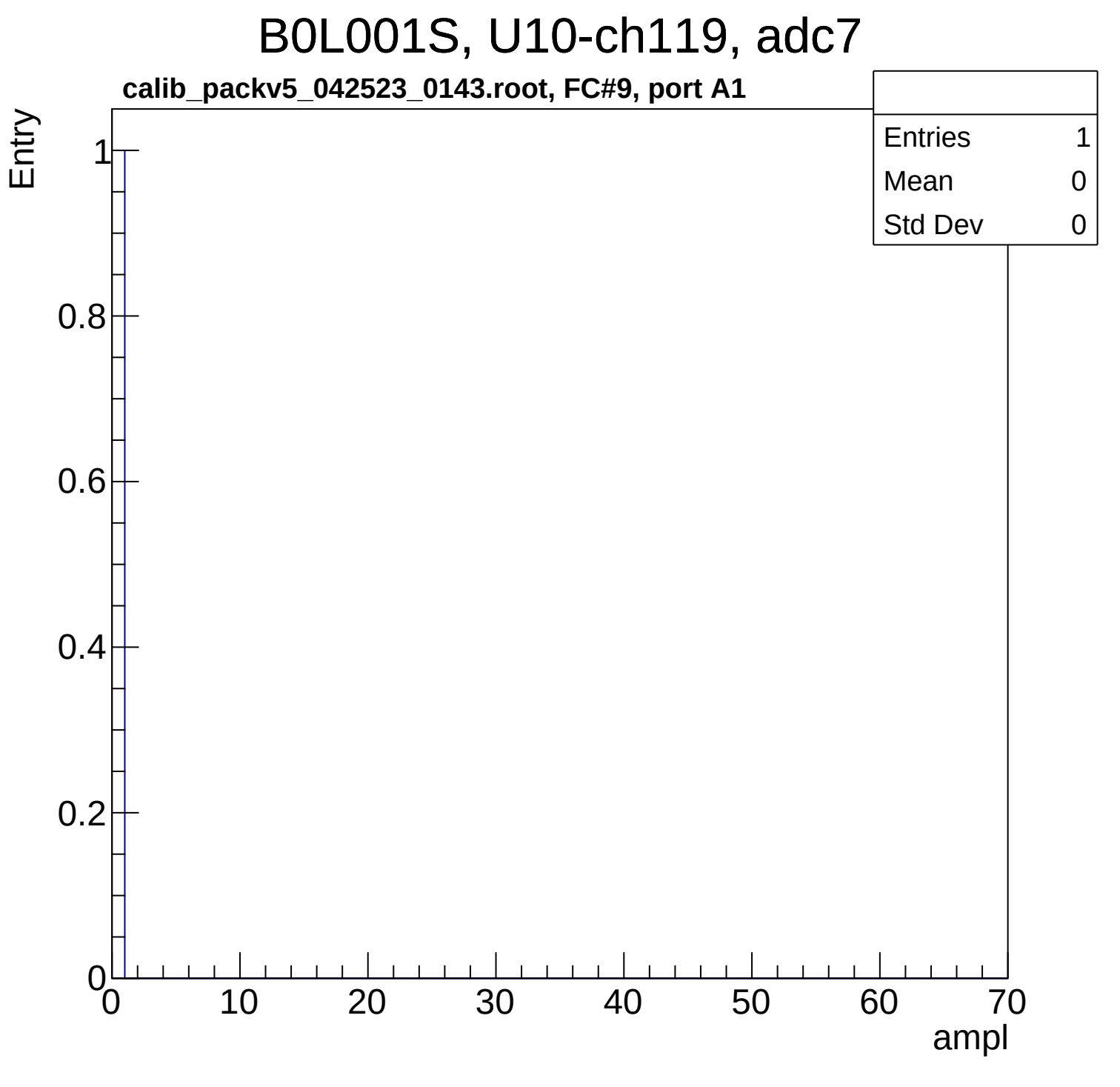

B0L001S, U10-ch119, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62
Std Dev 0.8165
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch119, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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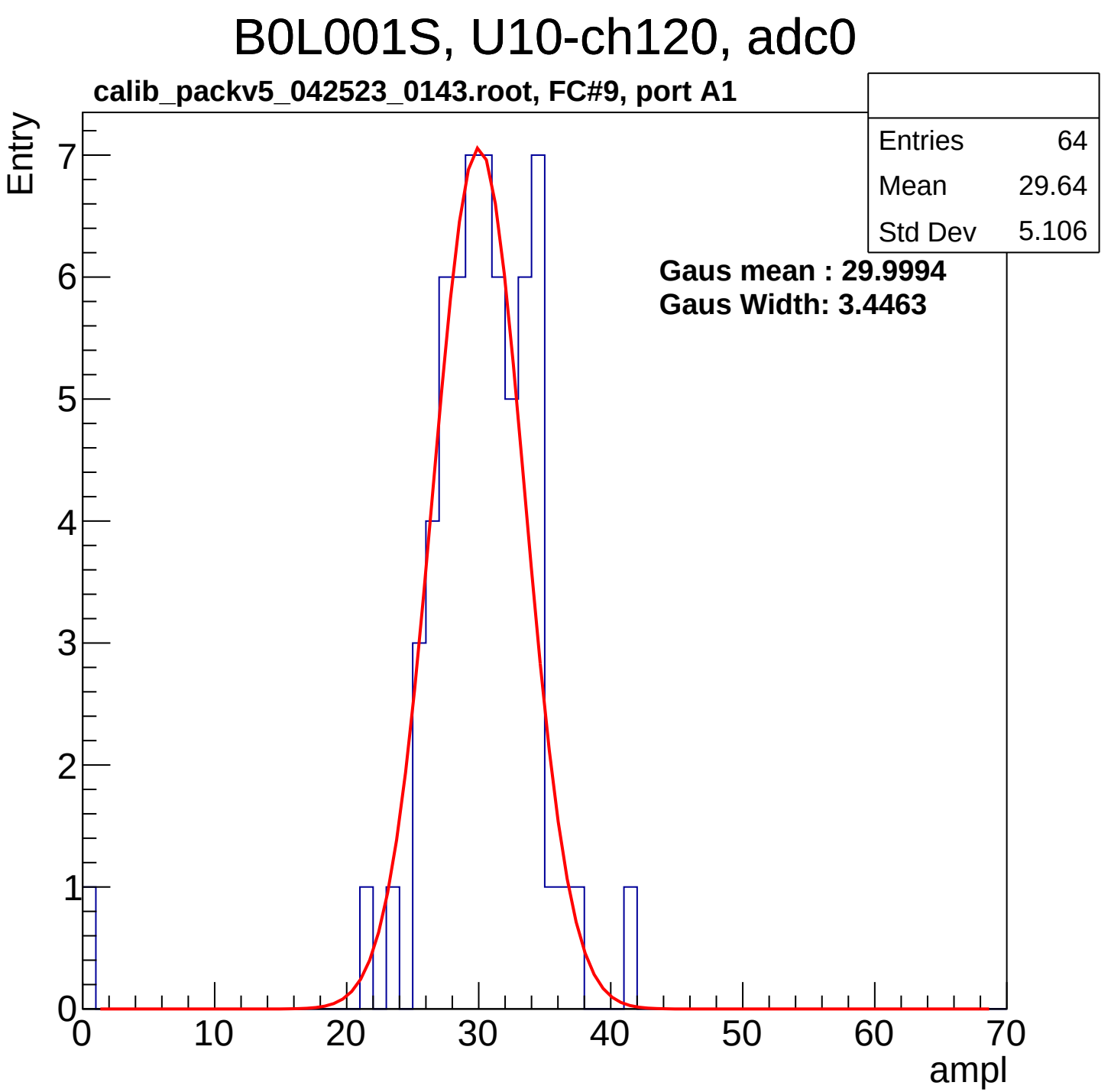
50
60
70
ampl


B0L001S, U10-ch120, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 29.64
Std Dev 5.106
Gaus mean : 29.9994
Gaus Width: 3.4463
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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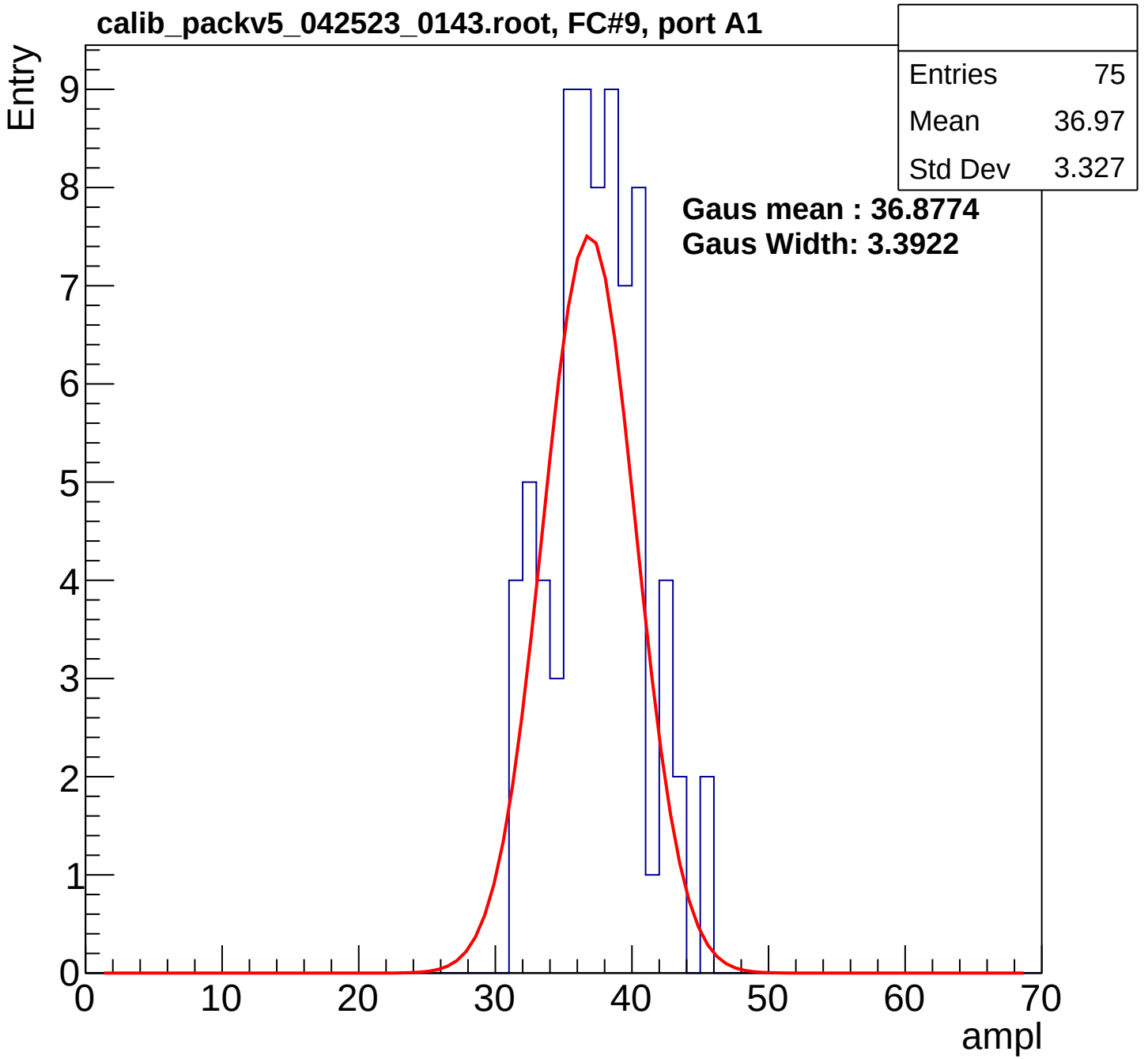
B0L001S, U10-ch120, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 36.97
Std Dev 3.327
Gaus mean : 36.8774
Gaus Width: 3.3922
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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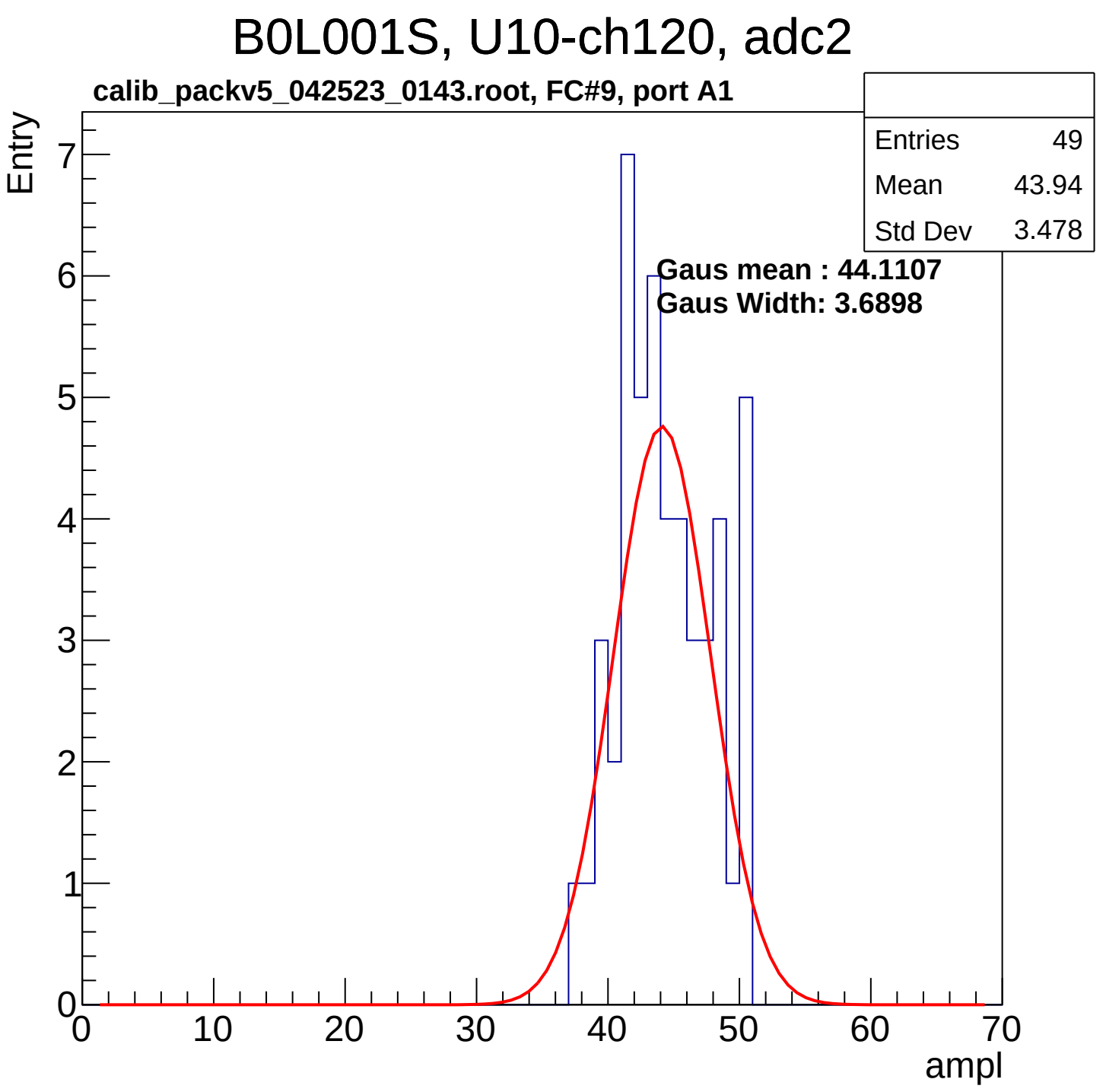
B0L001S, U10-ch120, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 43.94
Std Dev 3.478
Gaus mean : 44.1107
Gaus Width: 3.6898
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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40
50
60
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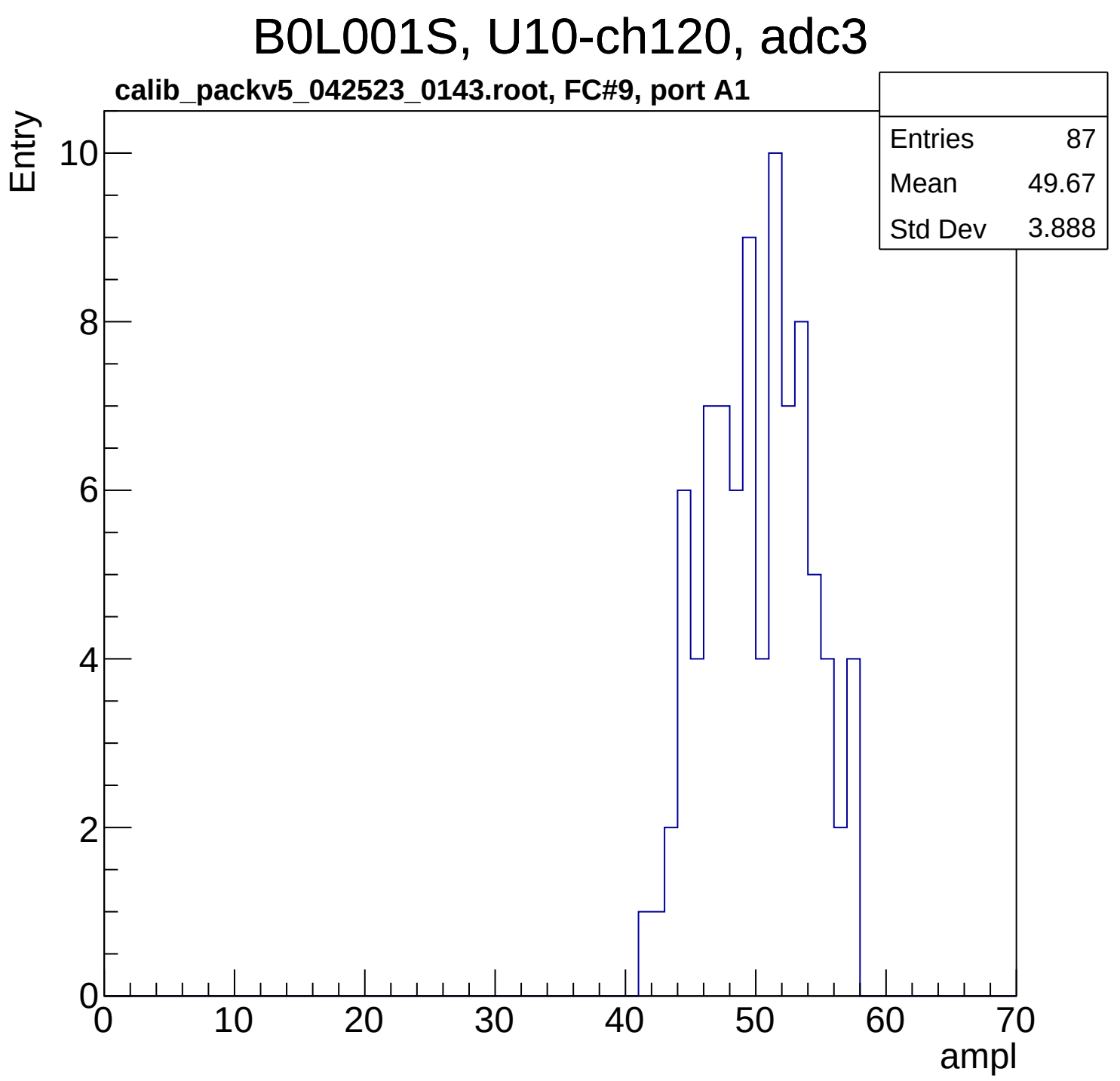
B0L001S, U10-ch120, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 87
Mean 49.67
Std Dev 3.888
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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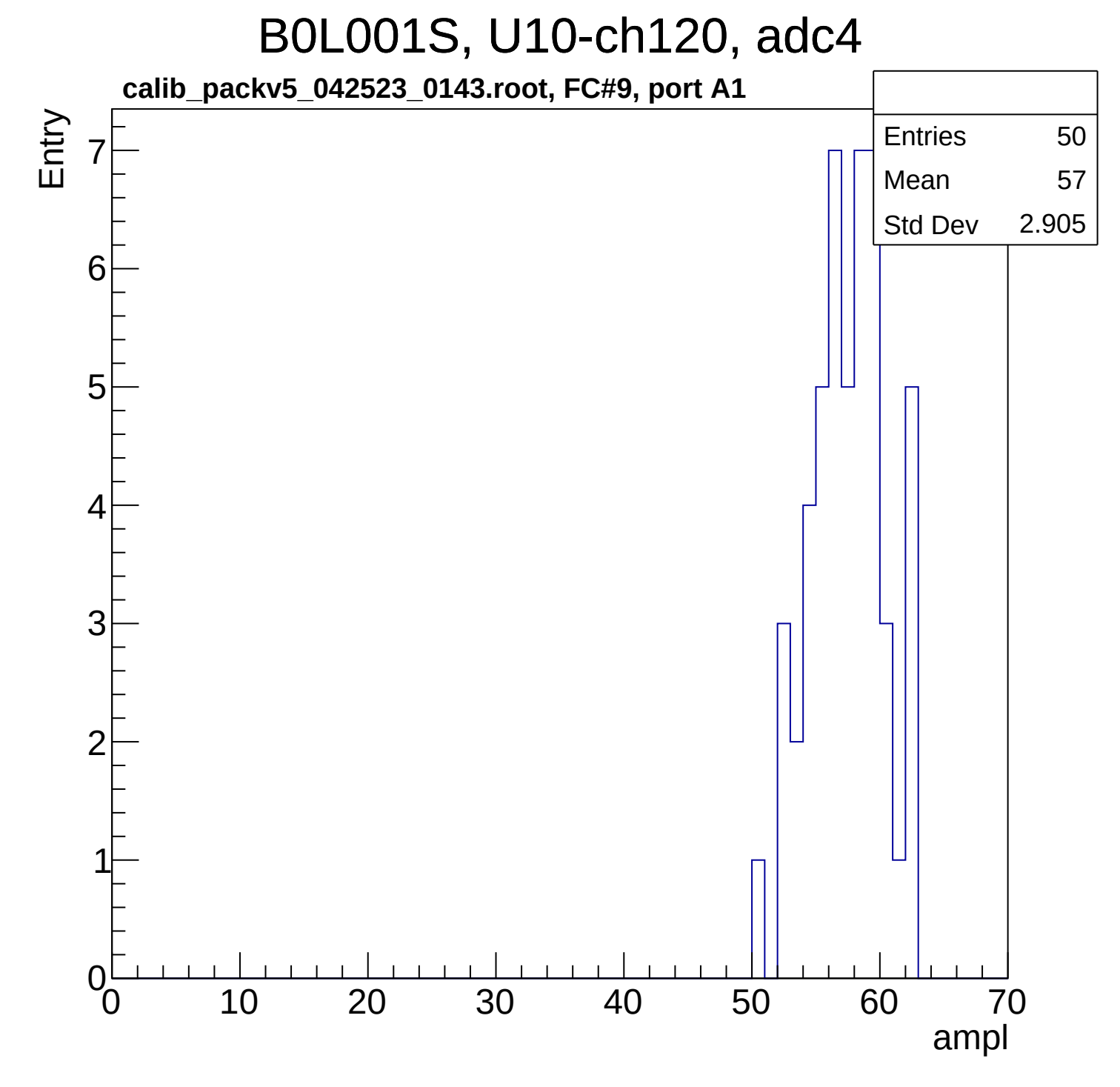
B0L001S, U10-ch120, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 57
Std Dev 2.905
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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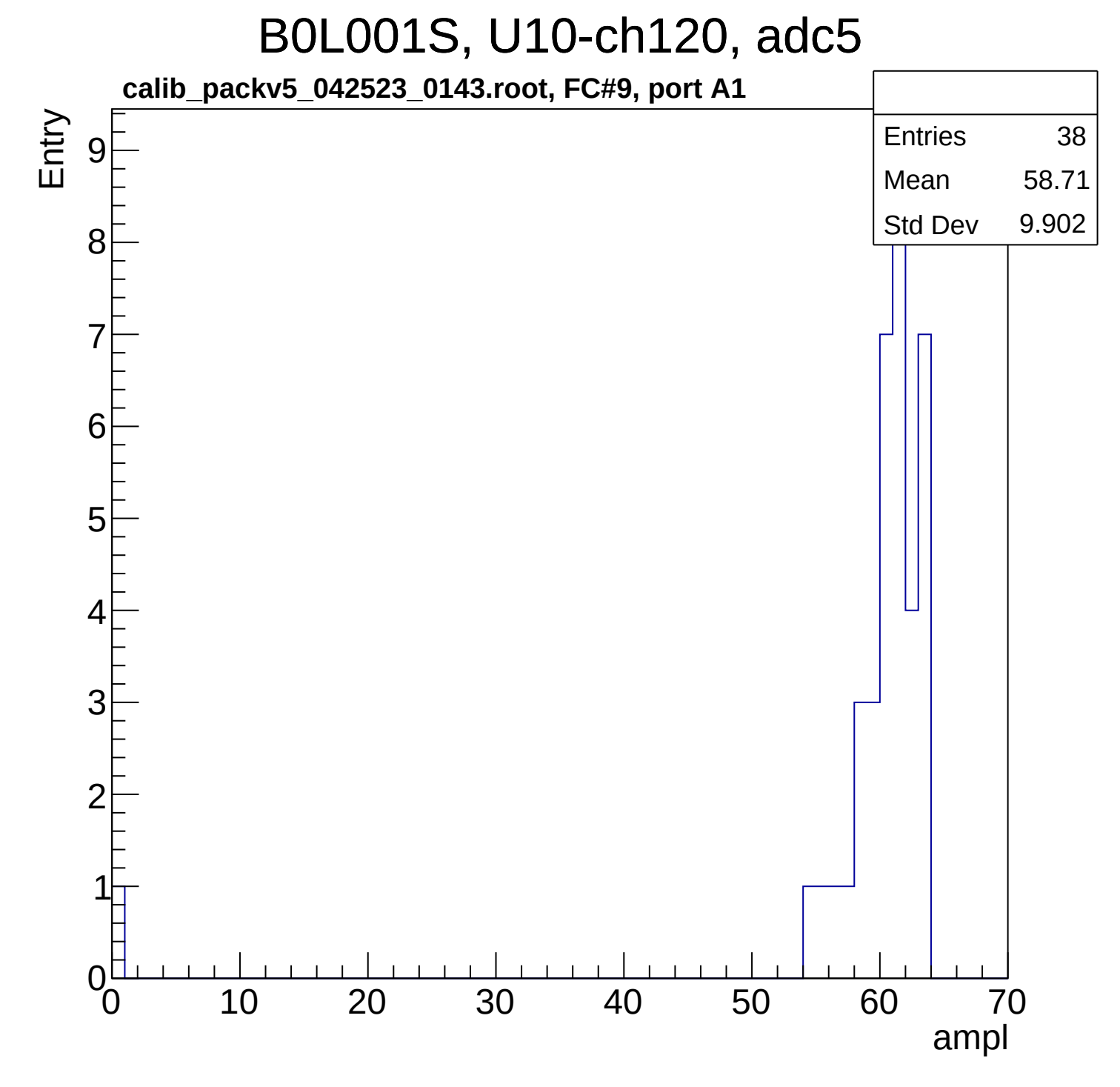
B0L001S, U10-ch120, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.71
Std Dev 9.902
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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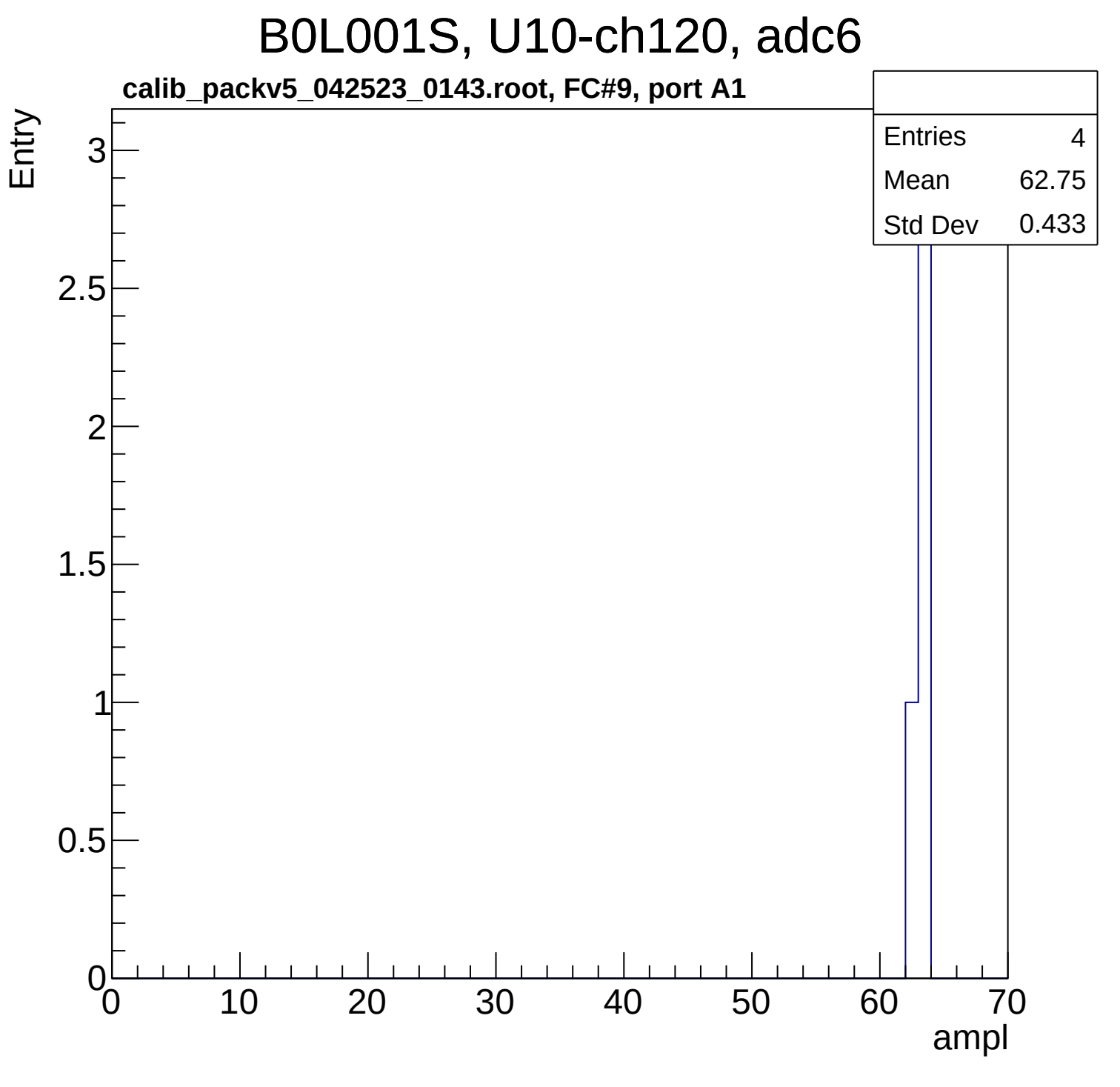
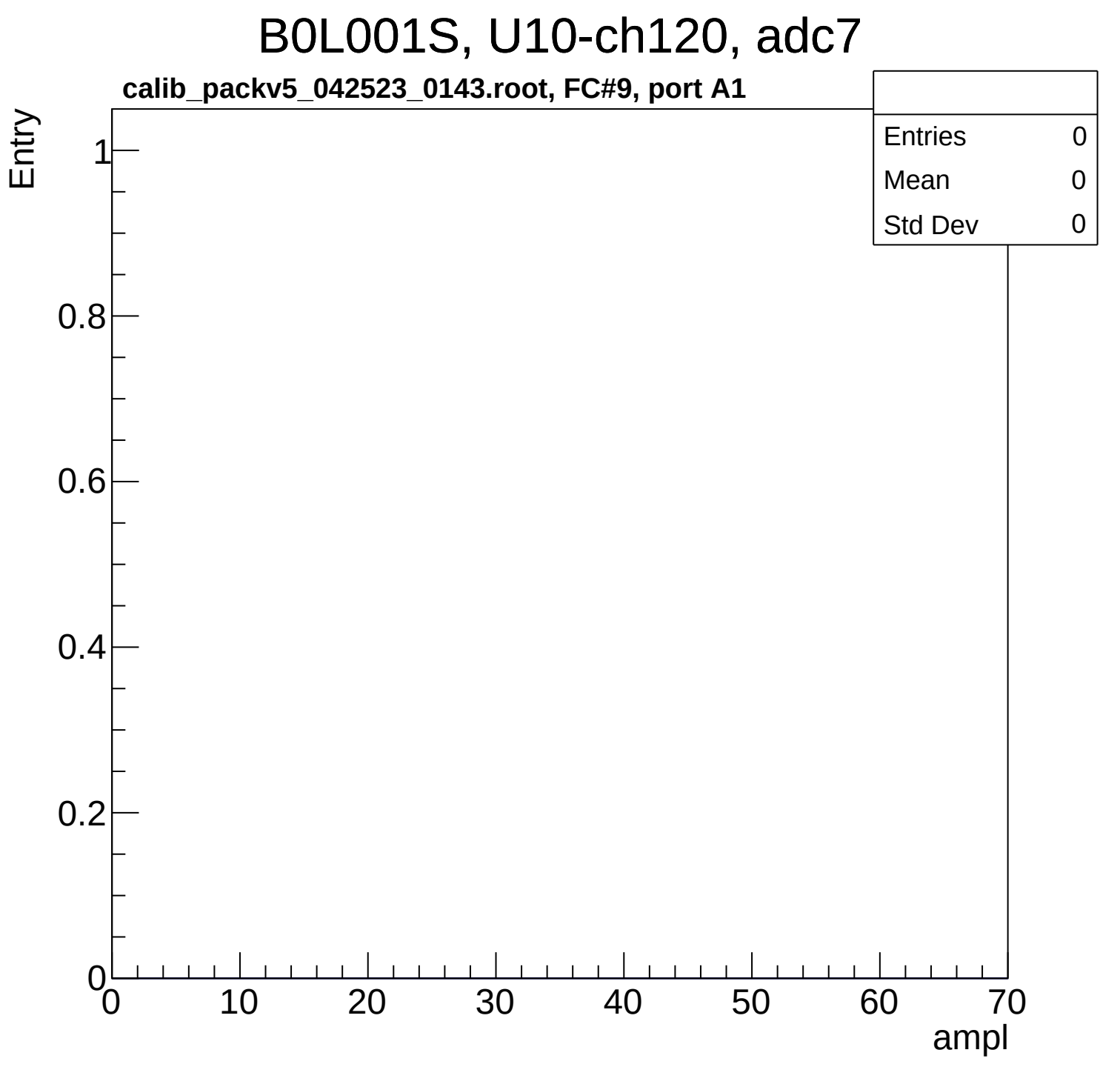
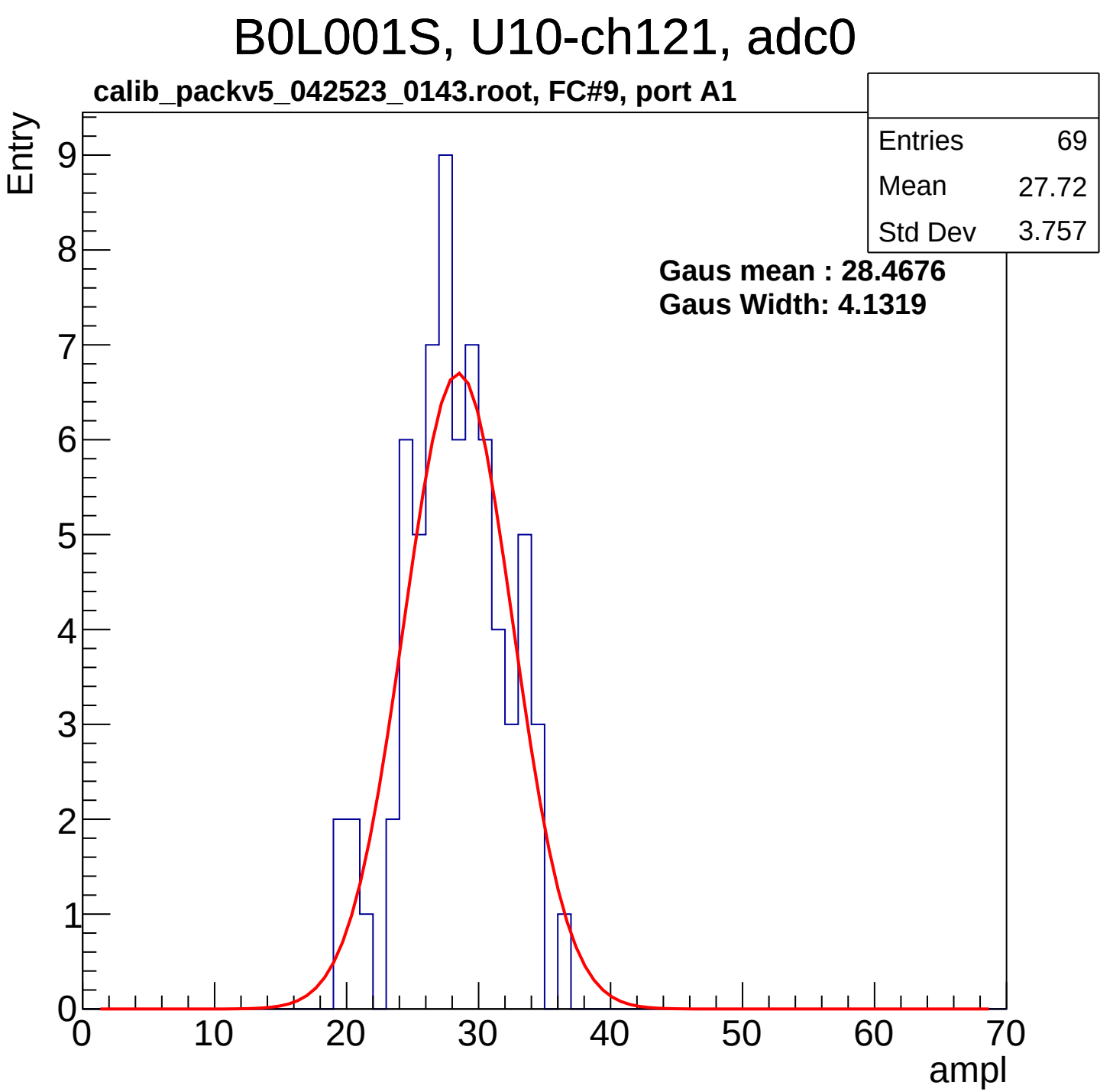
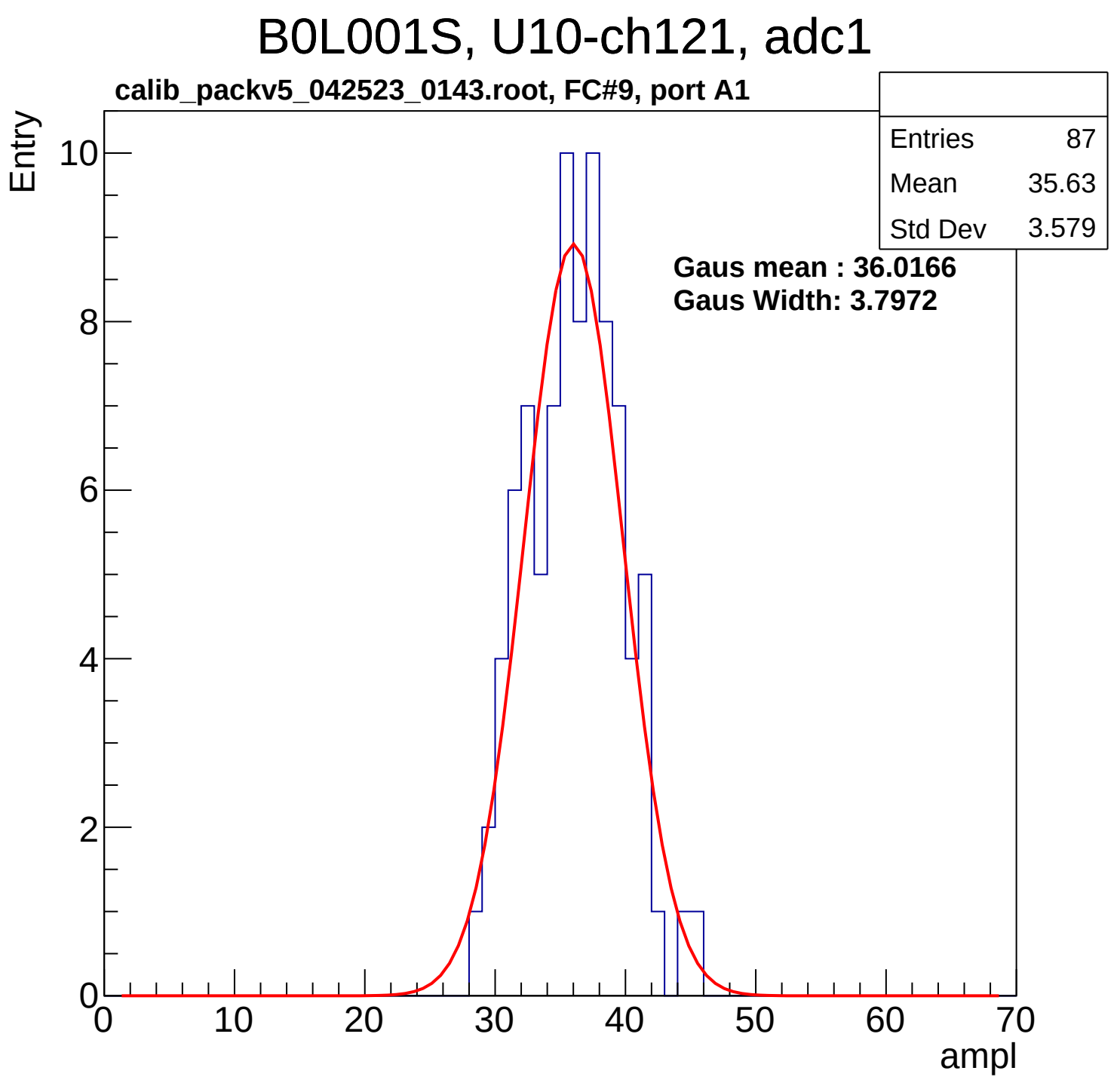
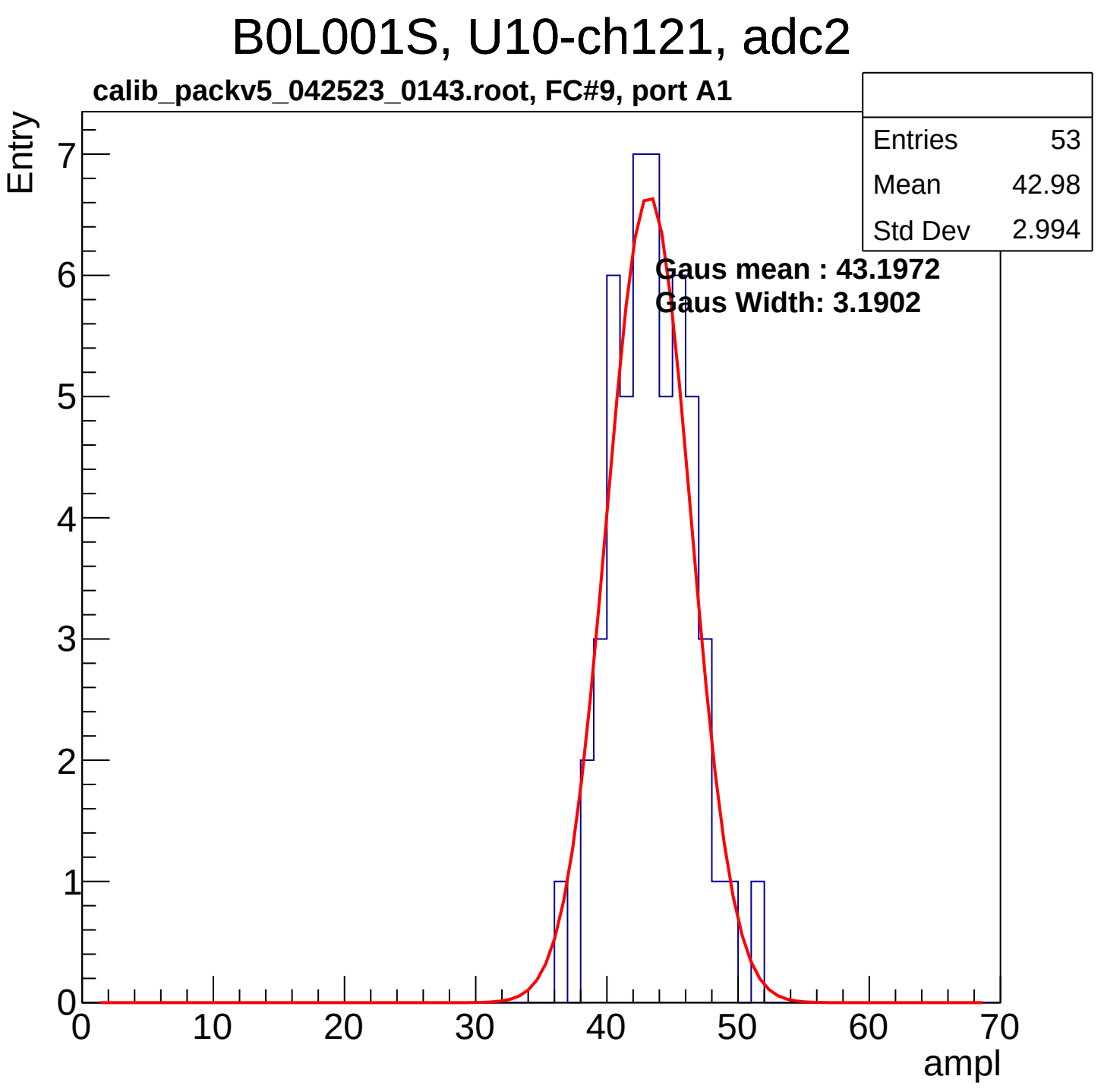
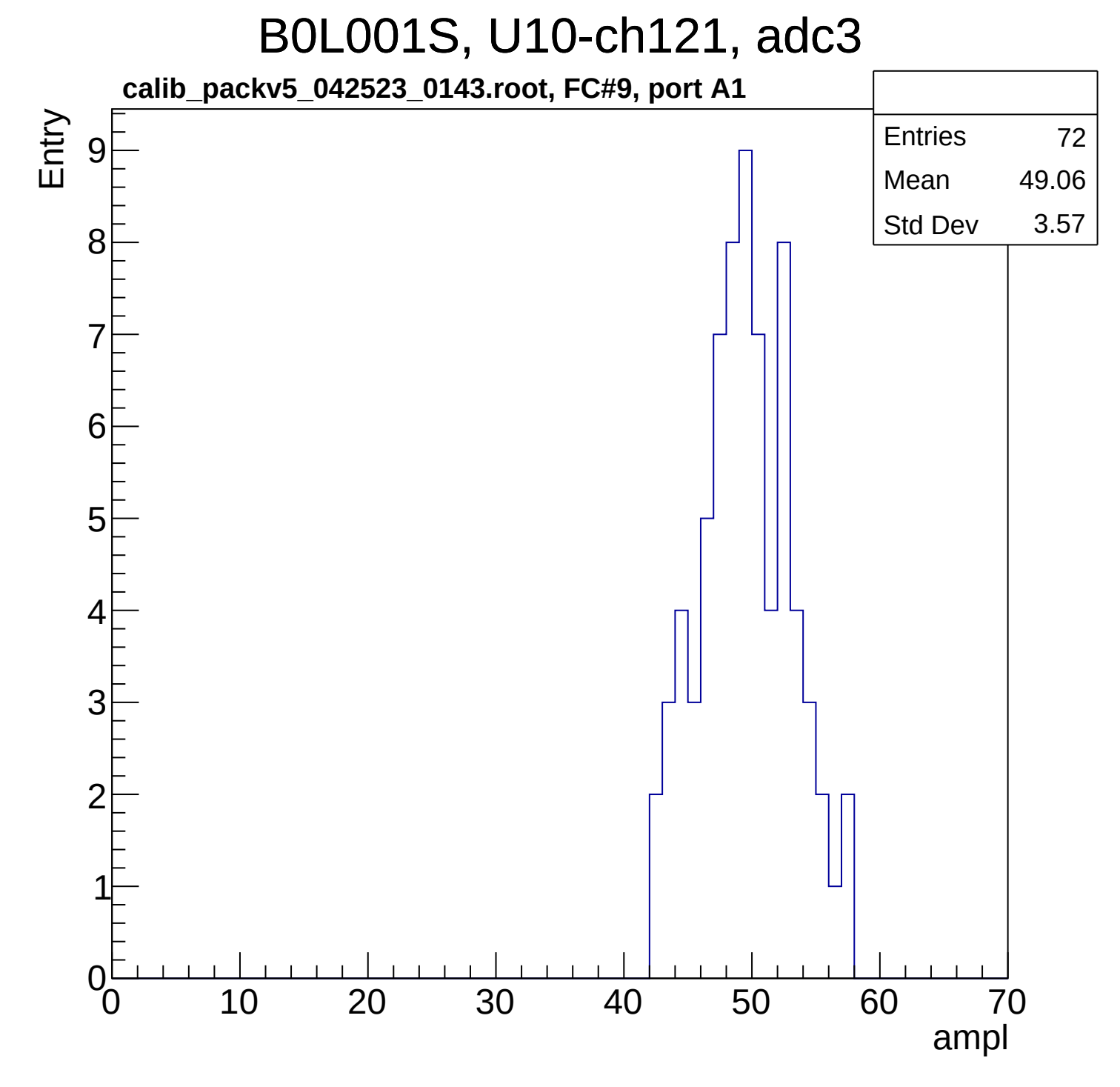

B0L001S, U10-ch120, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

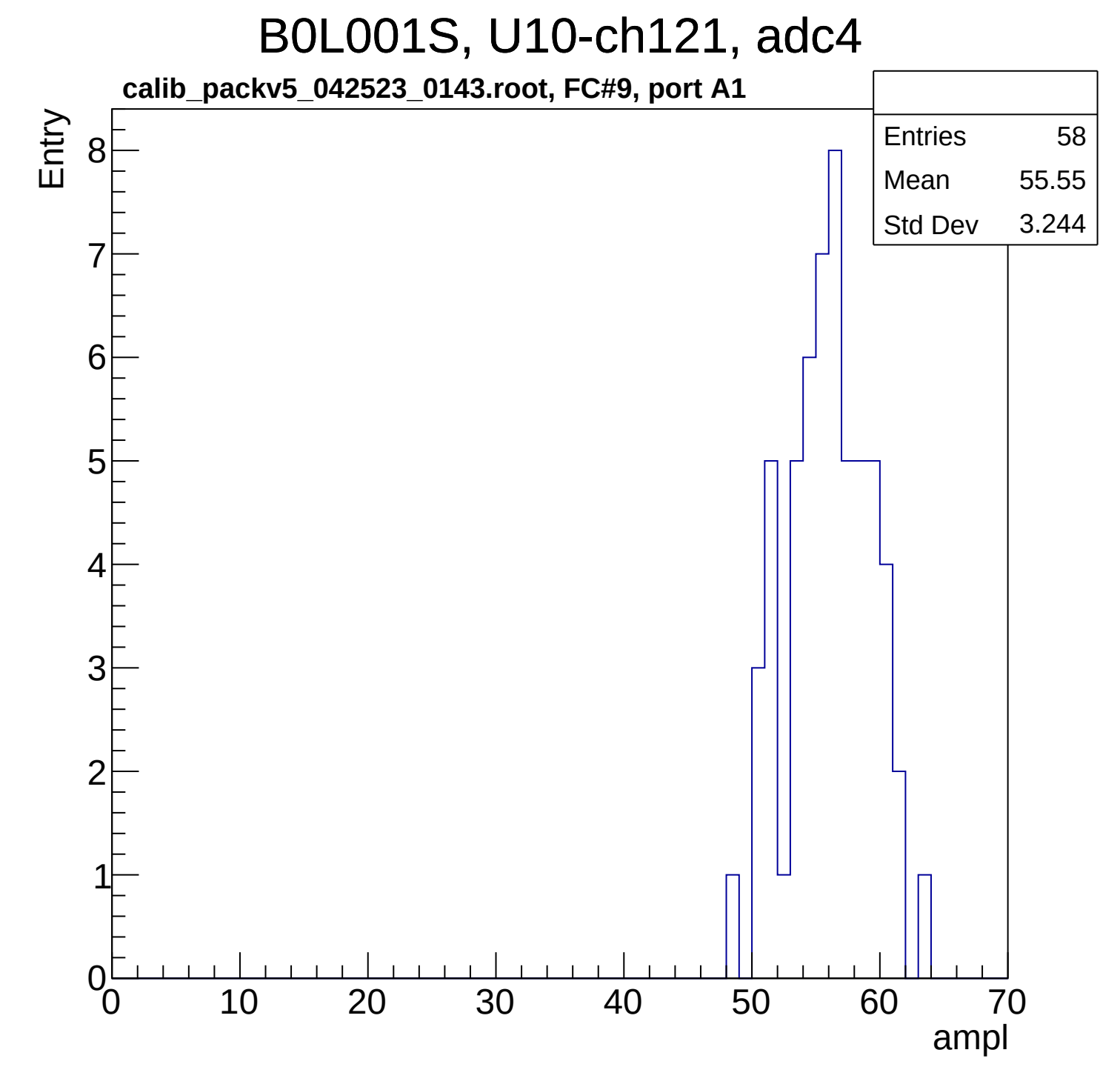

B0L001S, U10-ch120, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

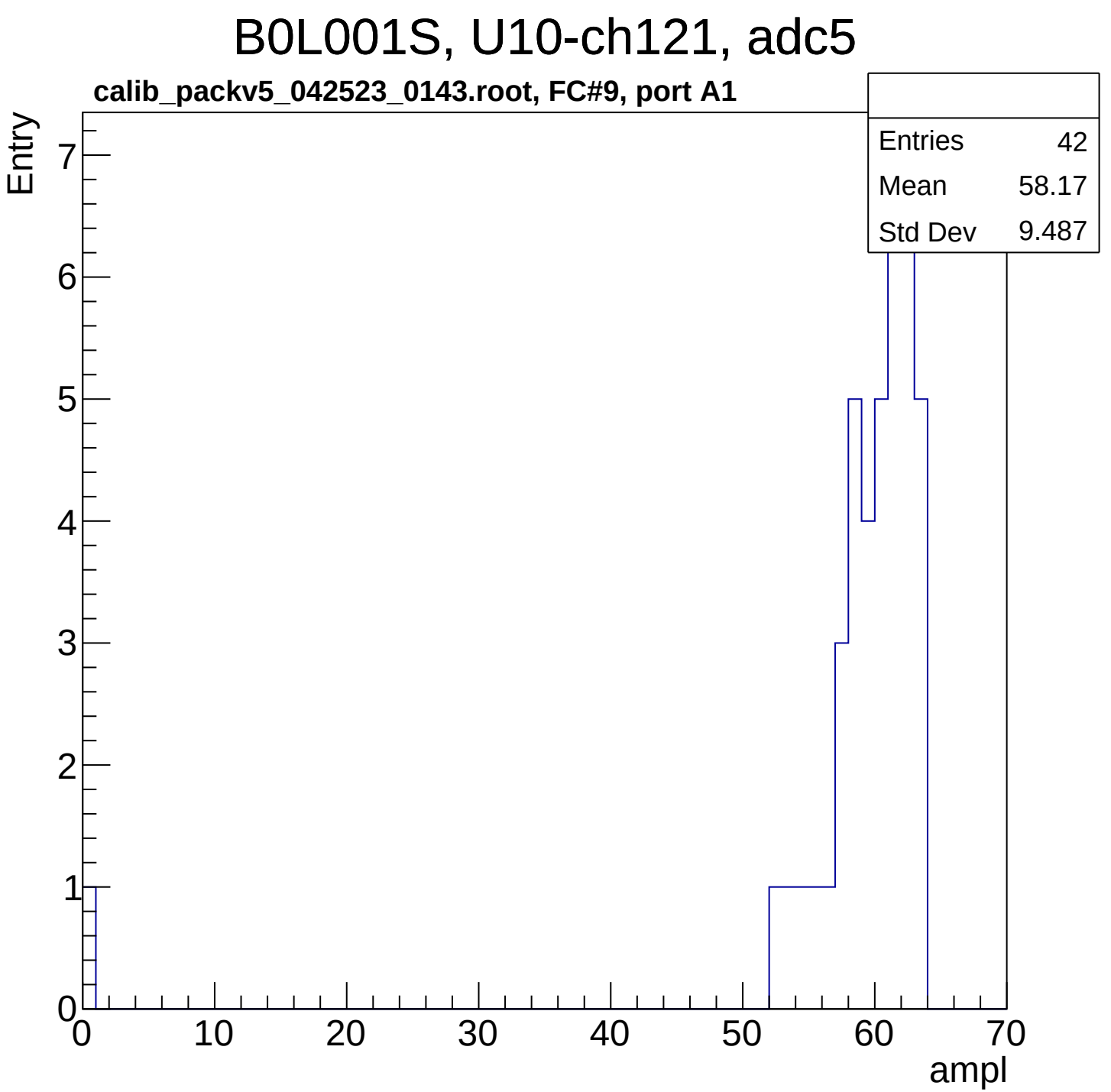

B0L001S, U10-ch121, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 27.72
Std Dev 3.757
Gaus mean : 28.4676
Gaus Width: 4.1319
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

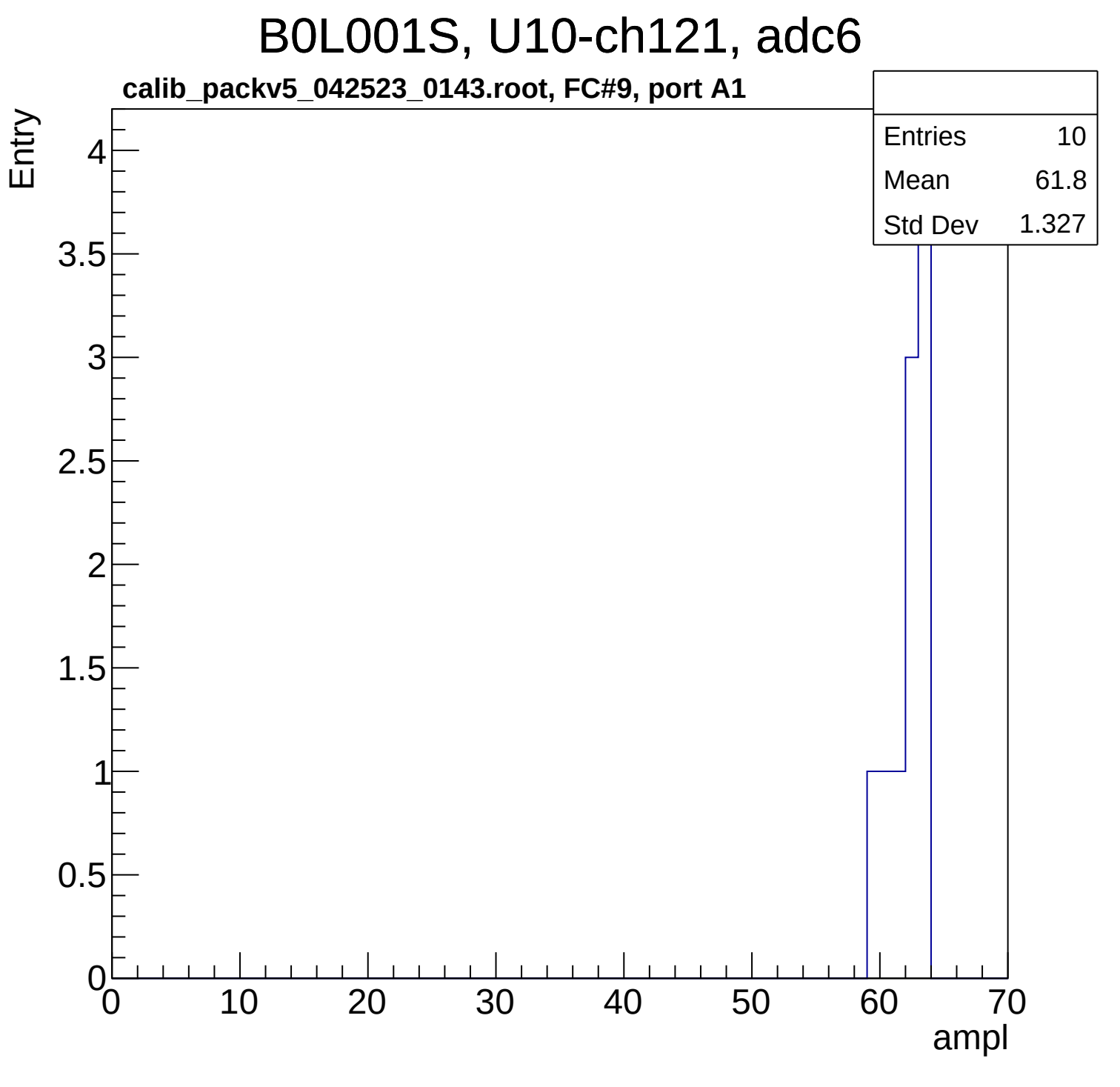

B0L001S, U10-ch121, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 87
Mean 35.63
Std Dev 3.579
Gaus mean : 36.0166
Gaus Width: 3.7972
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

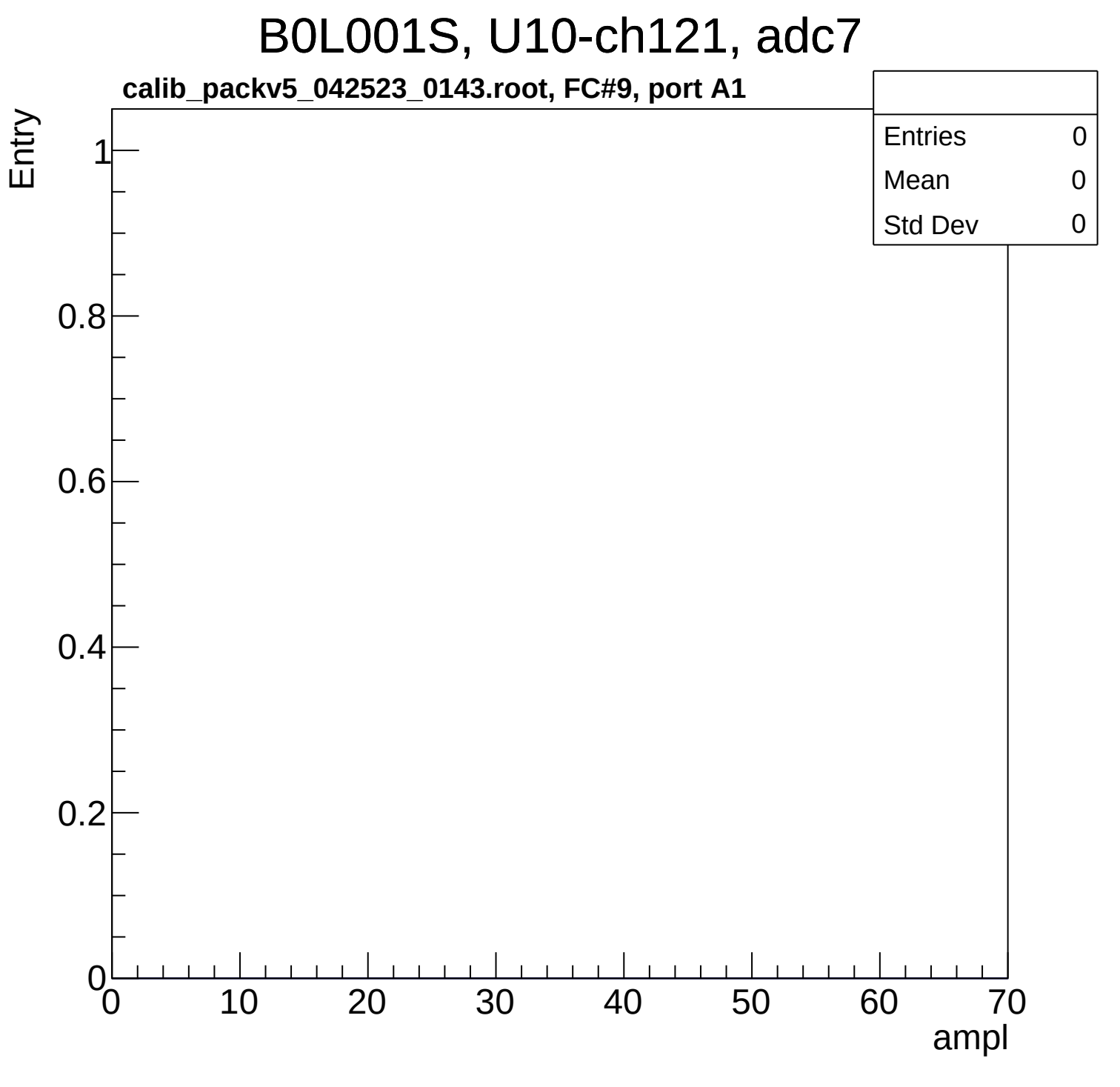

B0L001S, U10-ch121, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 42.98
Std Dev 2.994
Gaus mean : 43.1972
Gaus Width: 3.1902
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

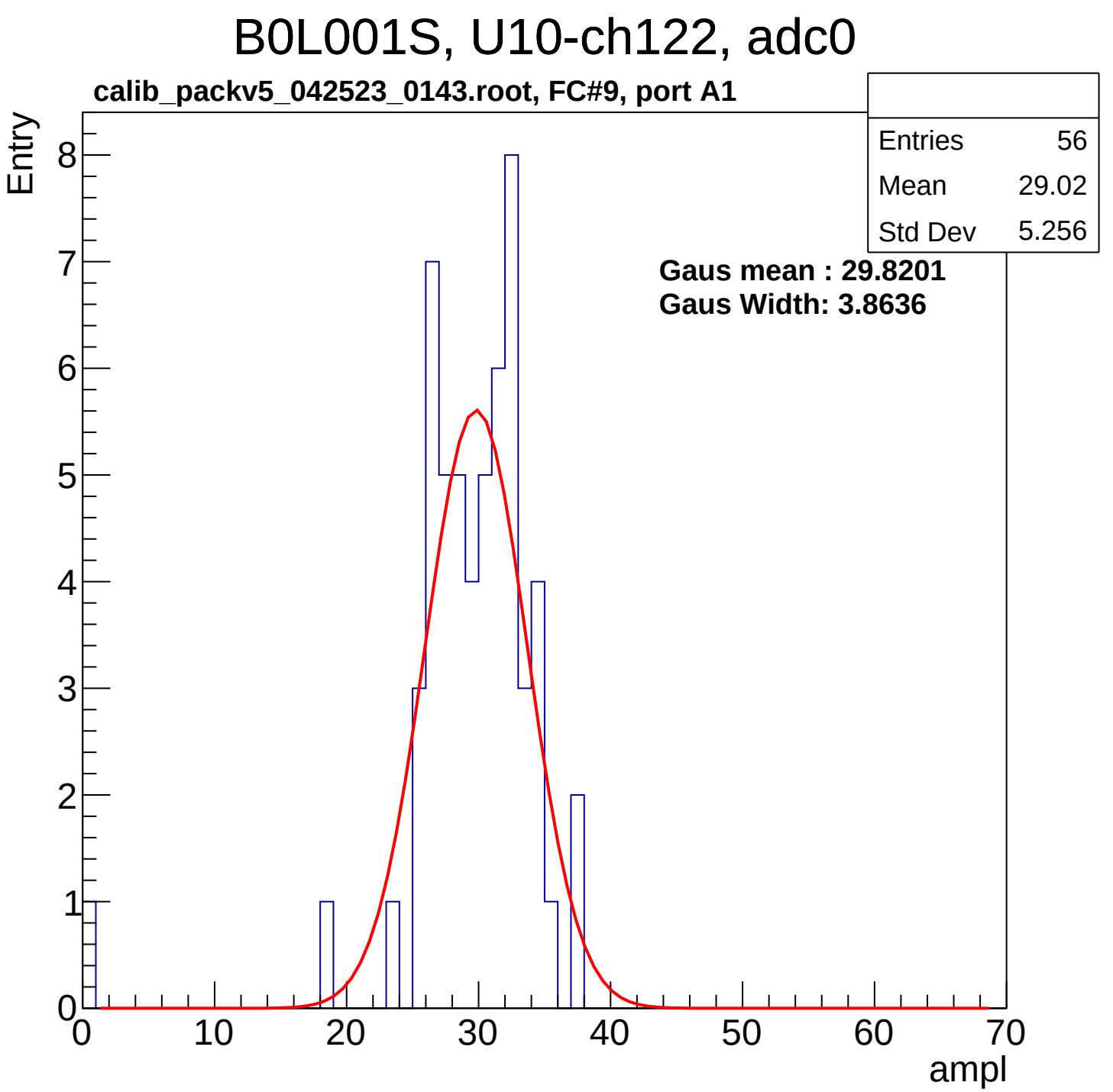

B0L001S, U10-ch121, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 49.06
Std Dev 3.57
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

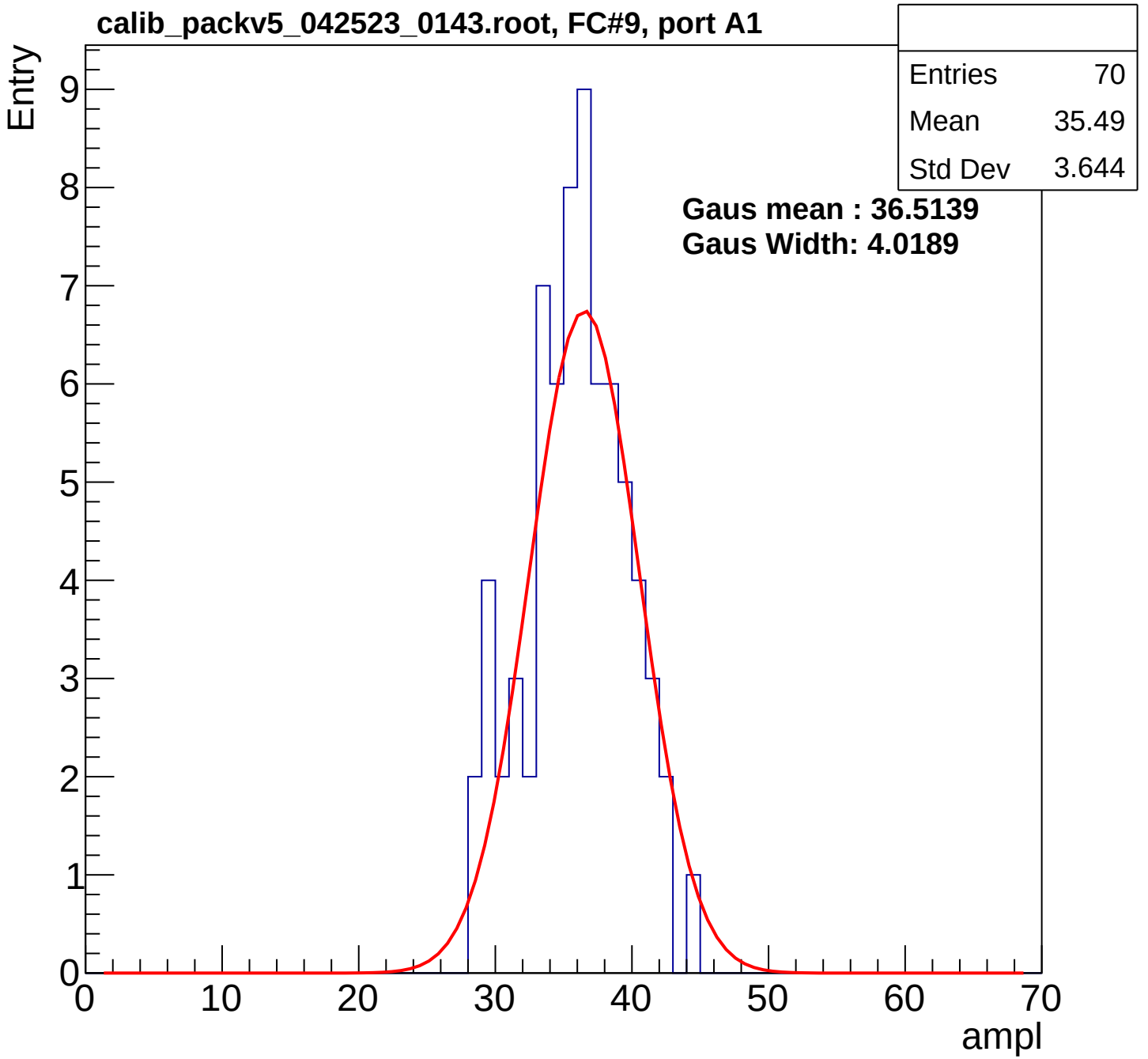

B0L001S, U10-ch121, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 55.55
Std Dev 3.244
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

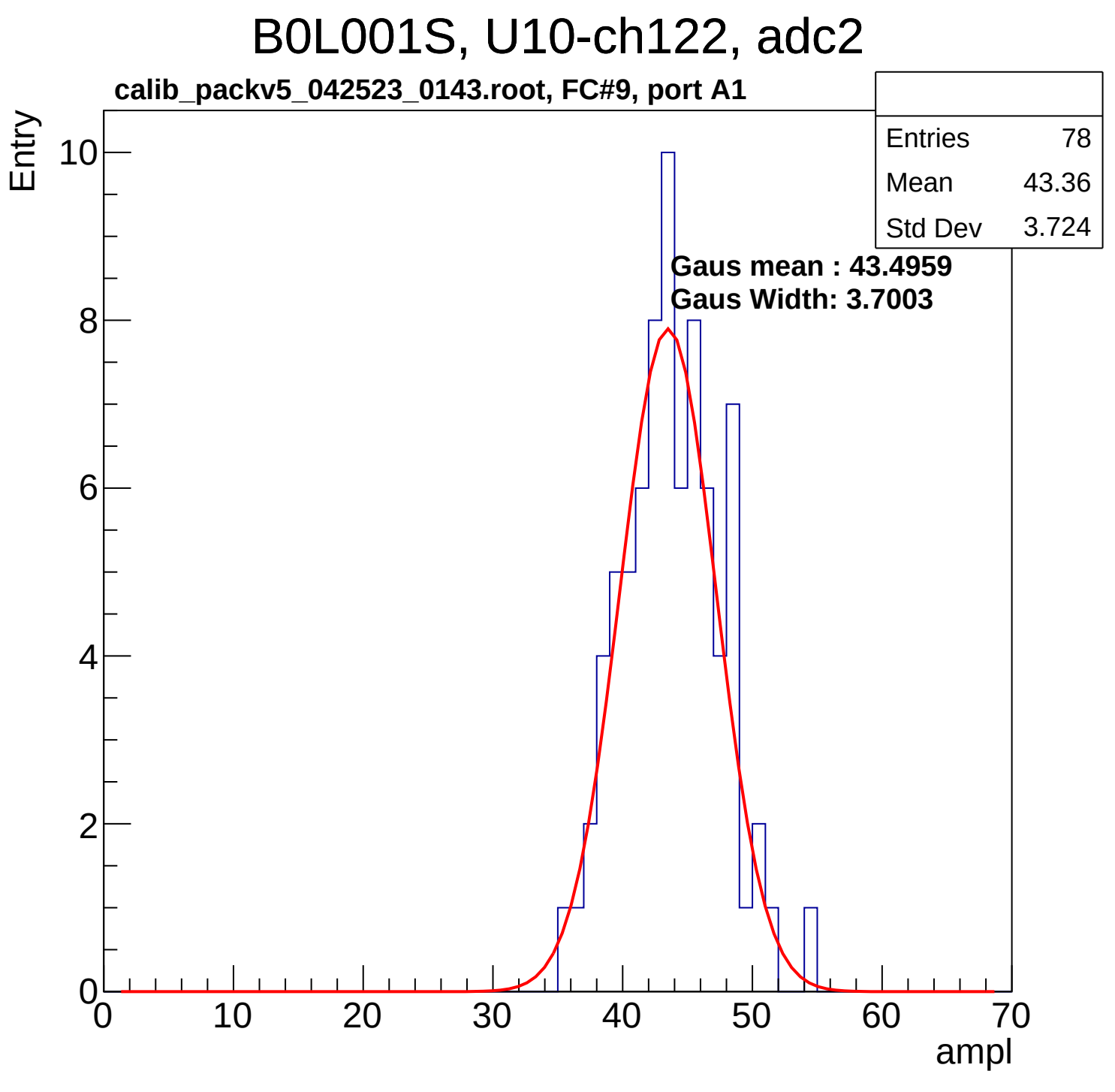

B0L001S, U10-ch121, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.17
Std Dev 9.487
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

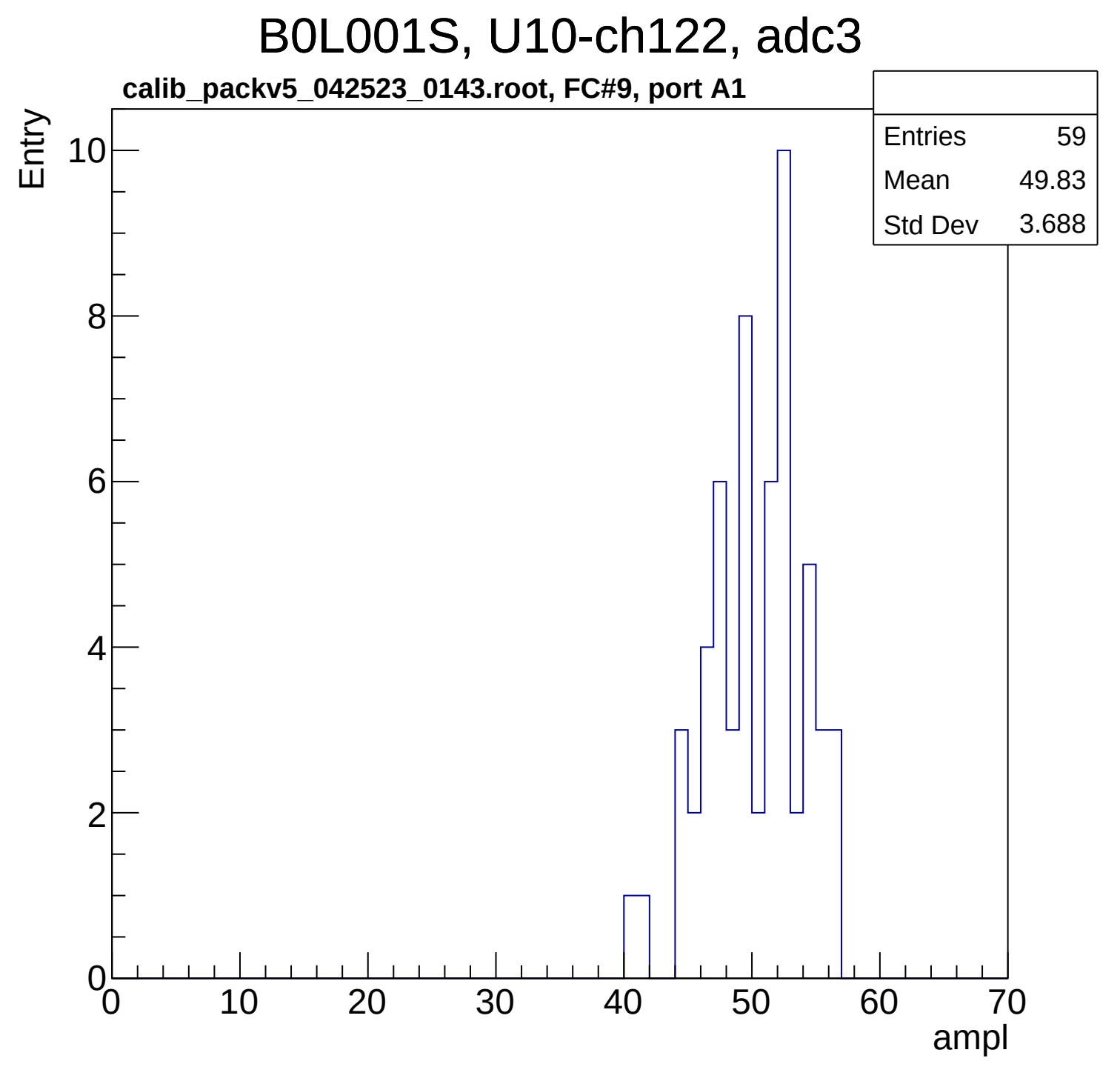

B0L001S, U10-ch121, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 10
Mean 61.8
Std Dev 1.327
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

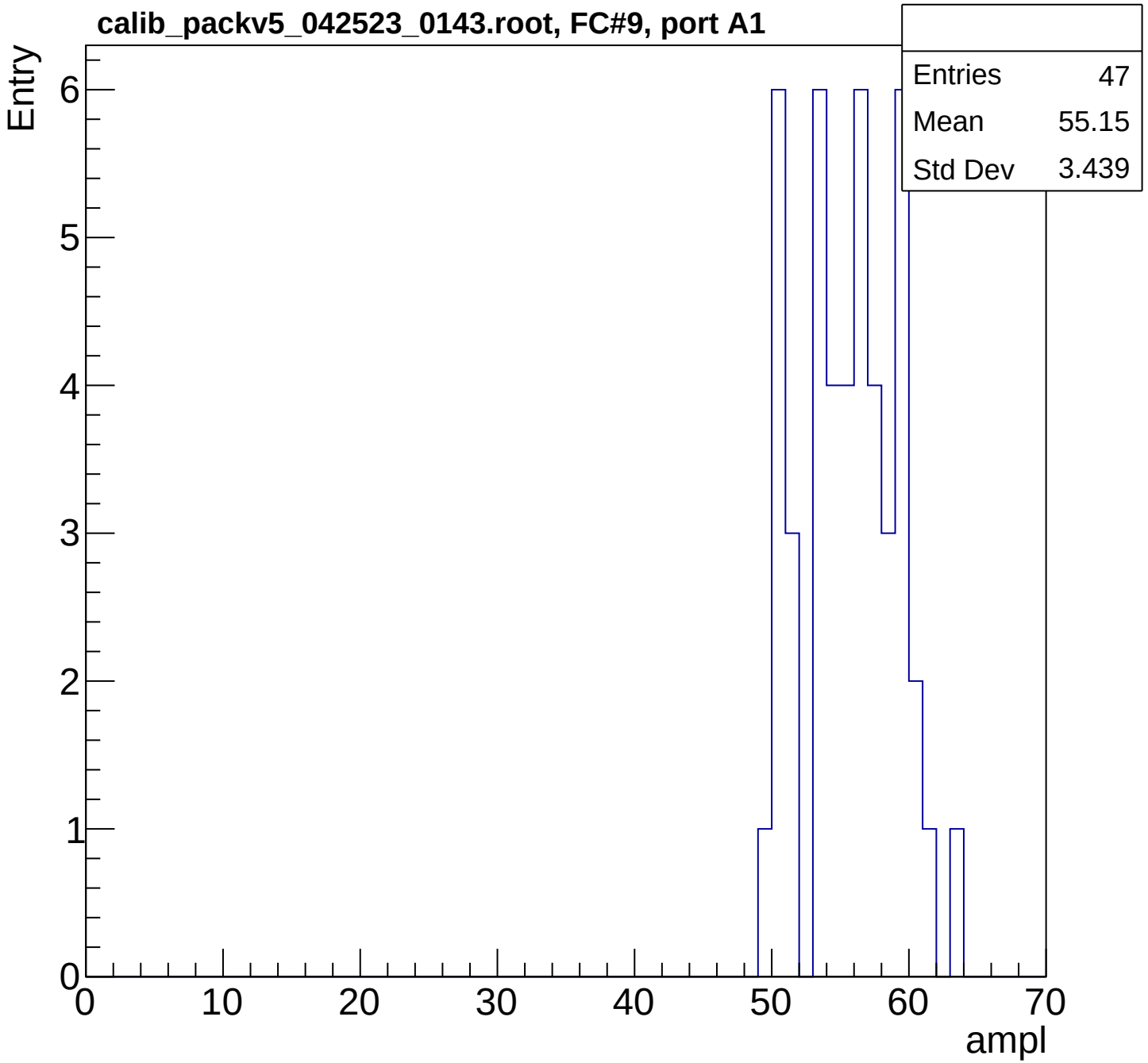

B0L001S, U10-ch121, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch122, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 29.02
Std Dev 5.256
Gaus mean : 29.8201
Gaus Width: 3.8636
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch122, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 35.49
Std Dev 3.644
Gaus mean : 36.5139
Gaus Width: 4.0189
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch122, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 43.36
Std Dev 3.724
Gaus mean : 43.4959
Gaus Width: 3.7003
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch122, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 49.83
Std Dev 3.688
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch122, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 55.15
Std Dev 3.439
Entry
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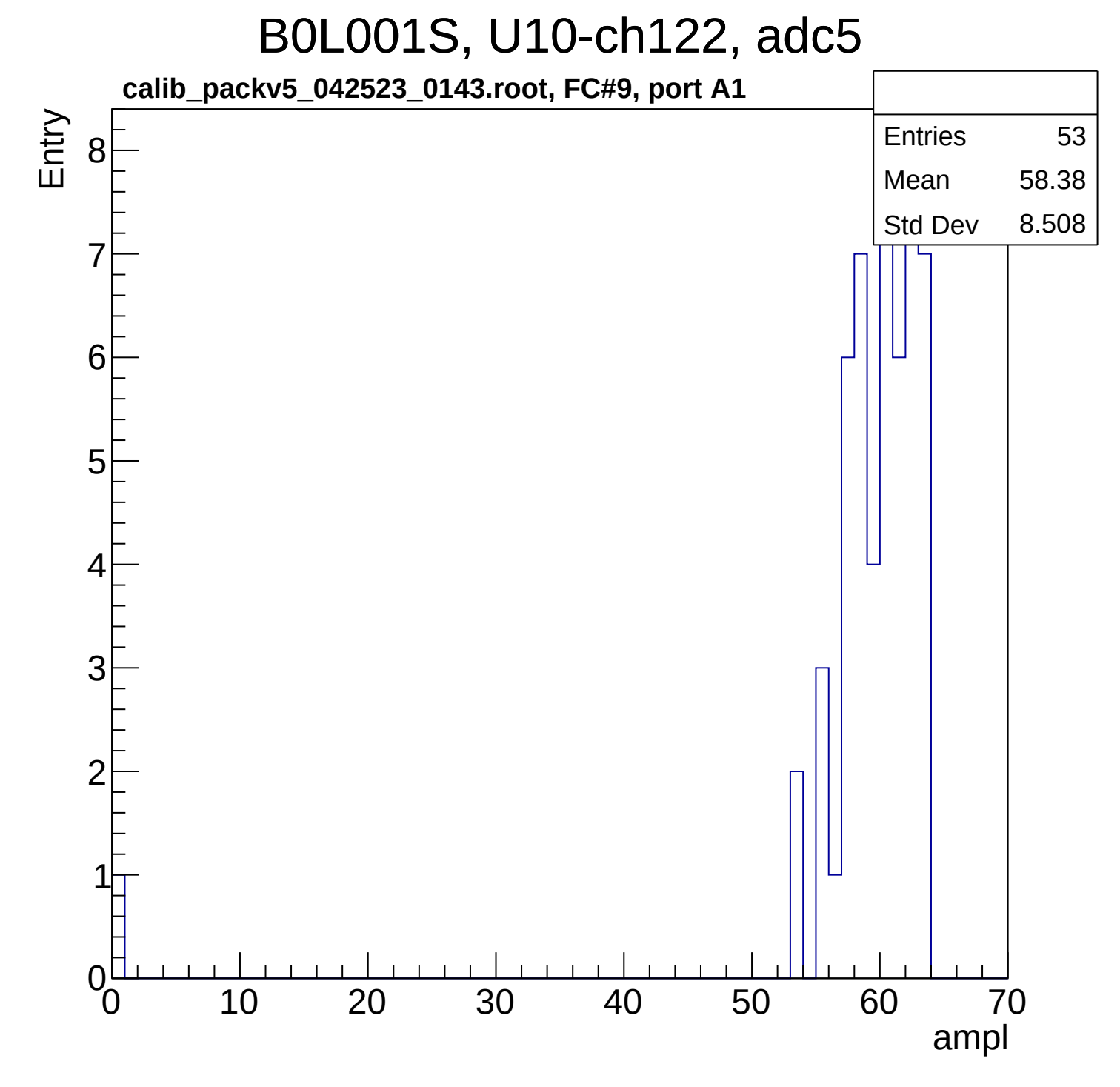
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch122, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 58.38
Std Dev 8.508
Entry
ampl
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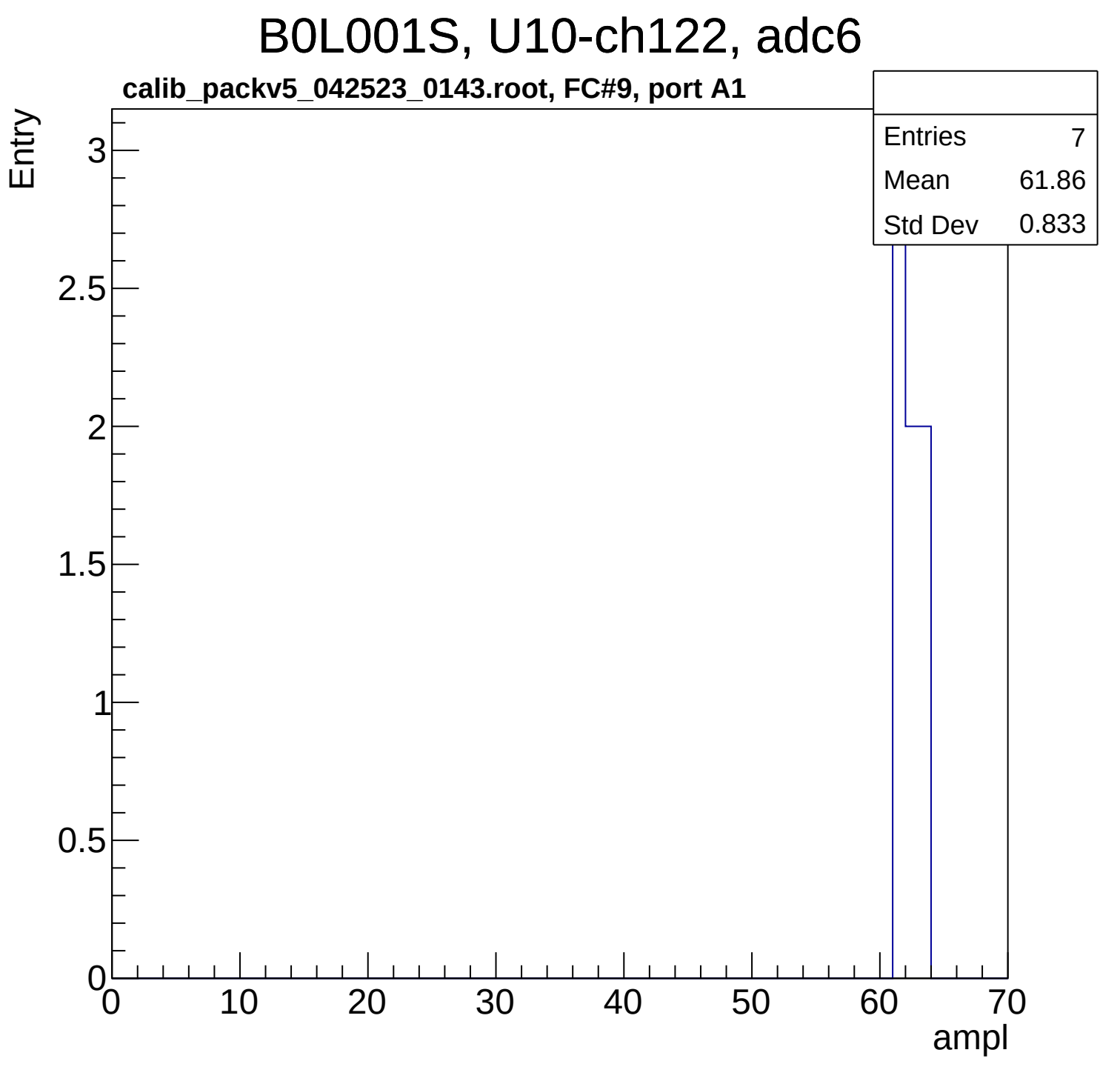
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch122, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 61.86
Std Dev 0.833
Entry
ampl
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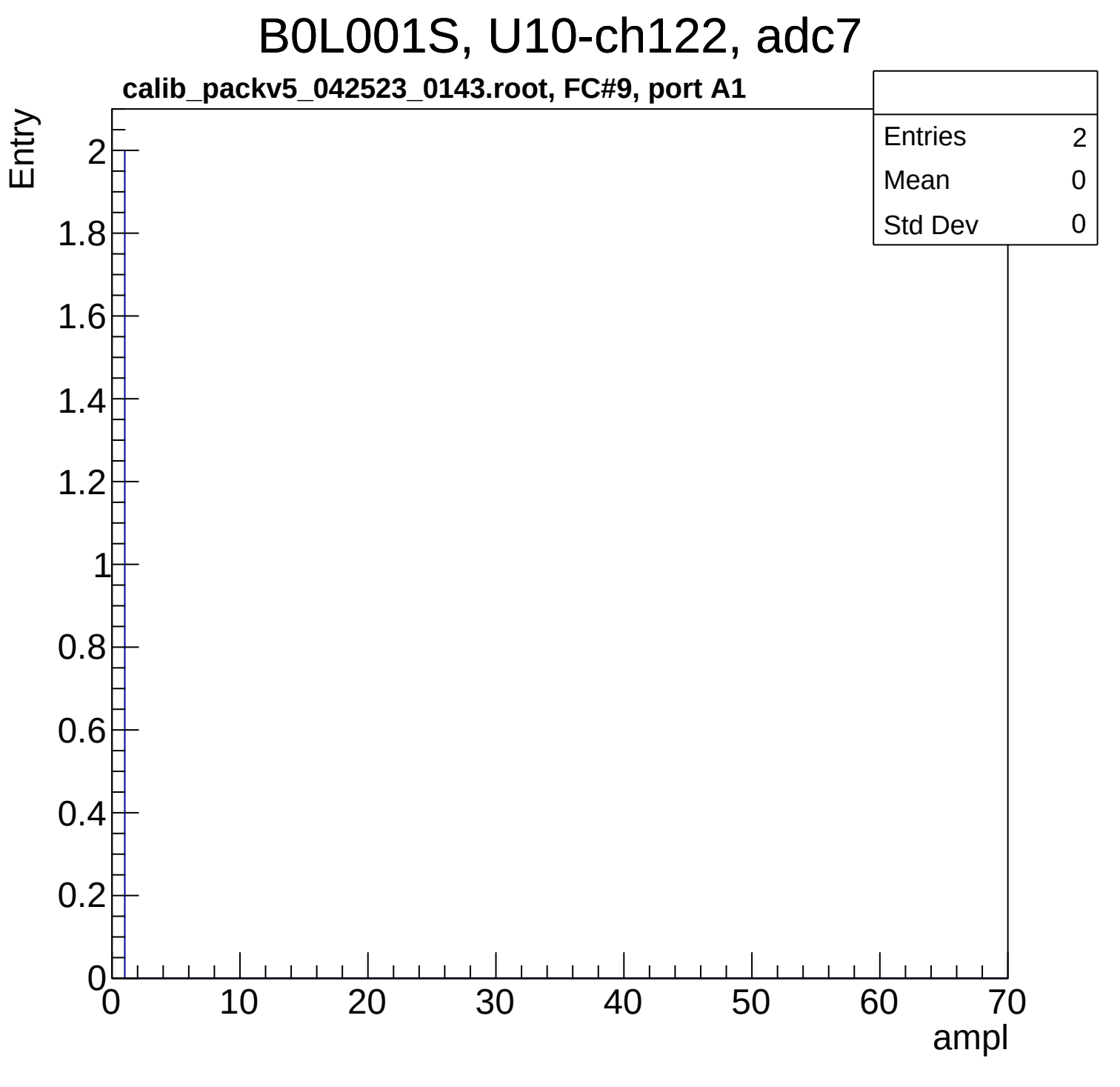
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch122, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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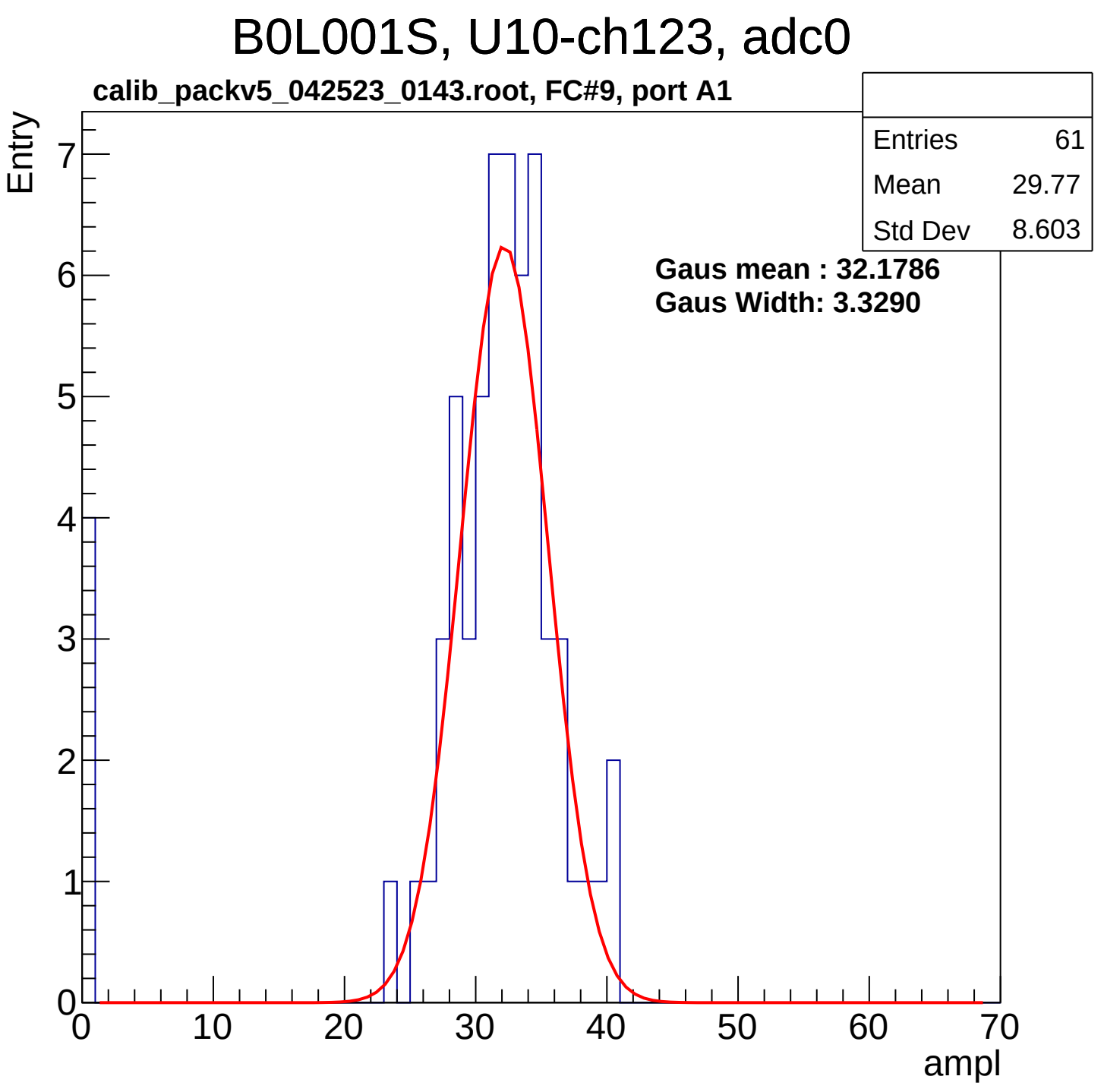
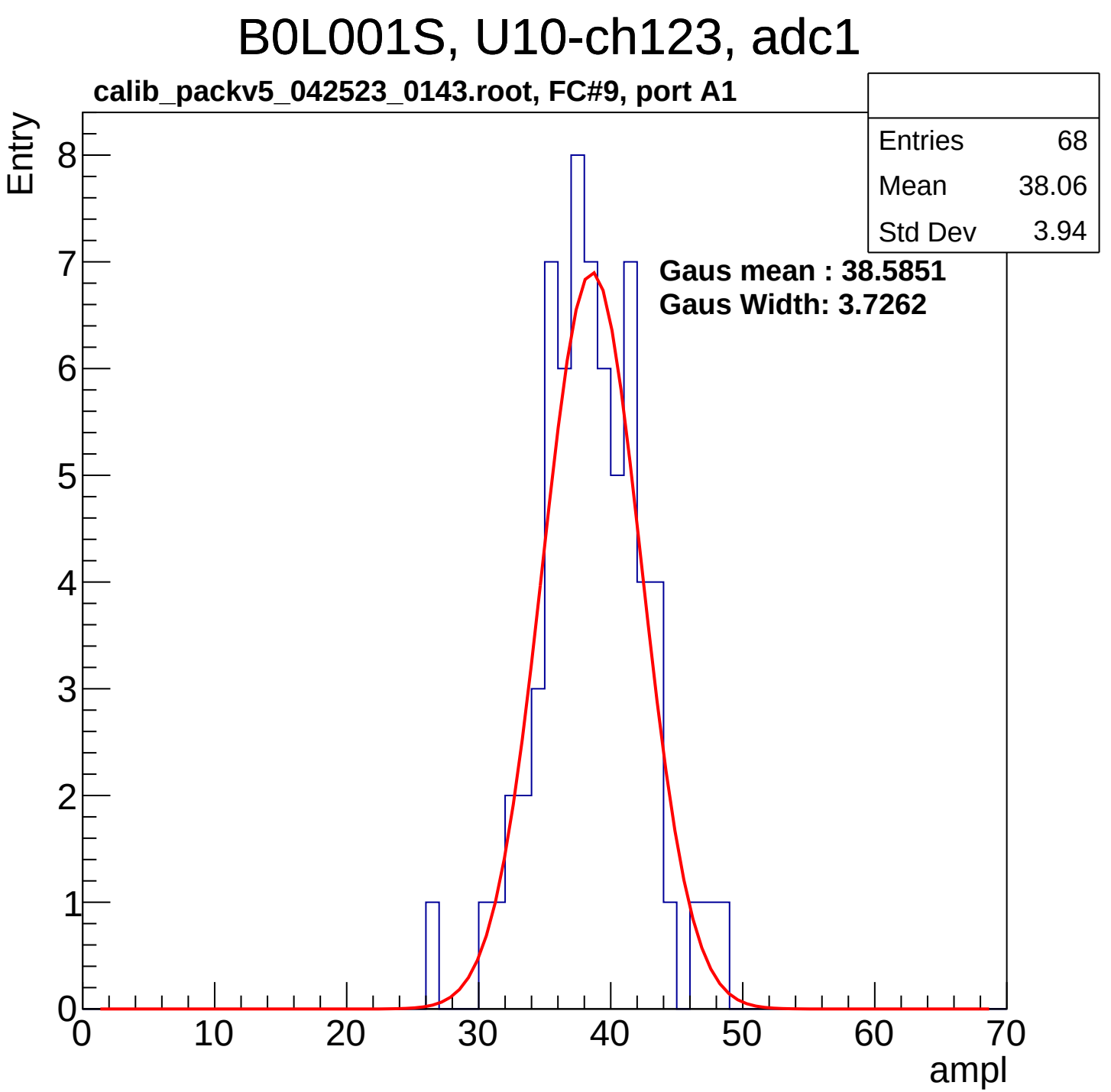
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch123, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 29.77
Std Dev 8.603
Gaus mean : 32.1786
Gaus Width: 3.3290
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch123, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 38.06
Std Dev 3.94
Gaus mean : 38.5851
Gaus Width: 3.7262
Entry
ampl
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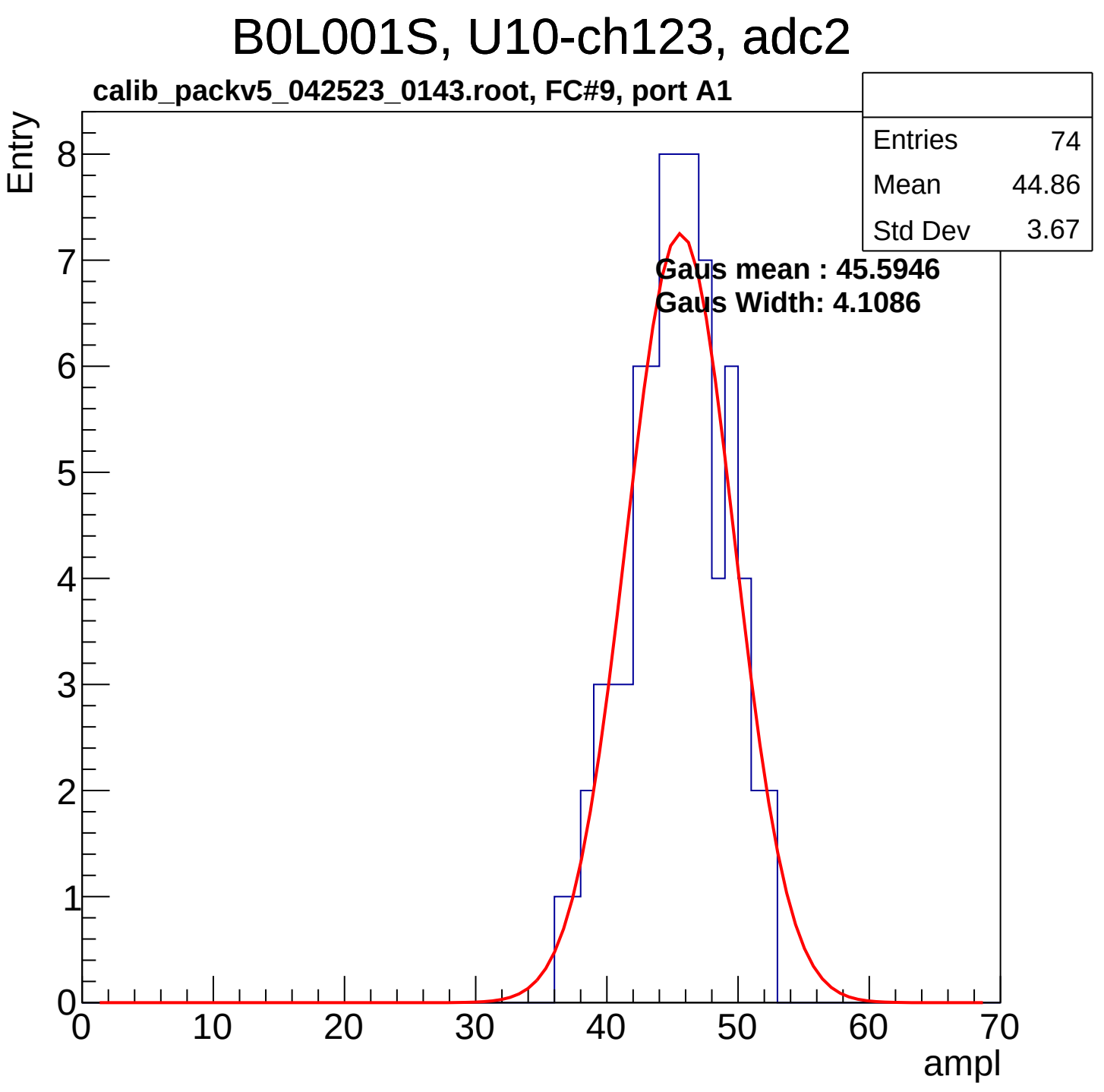
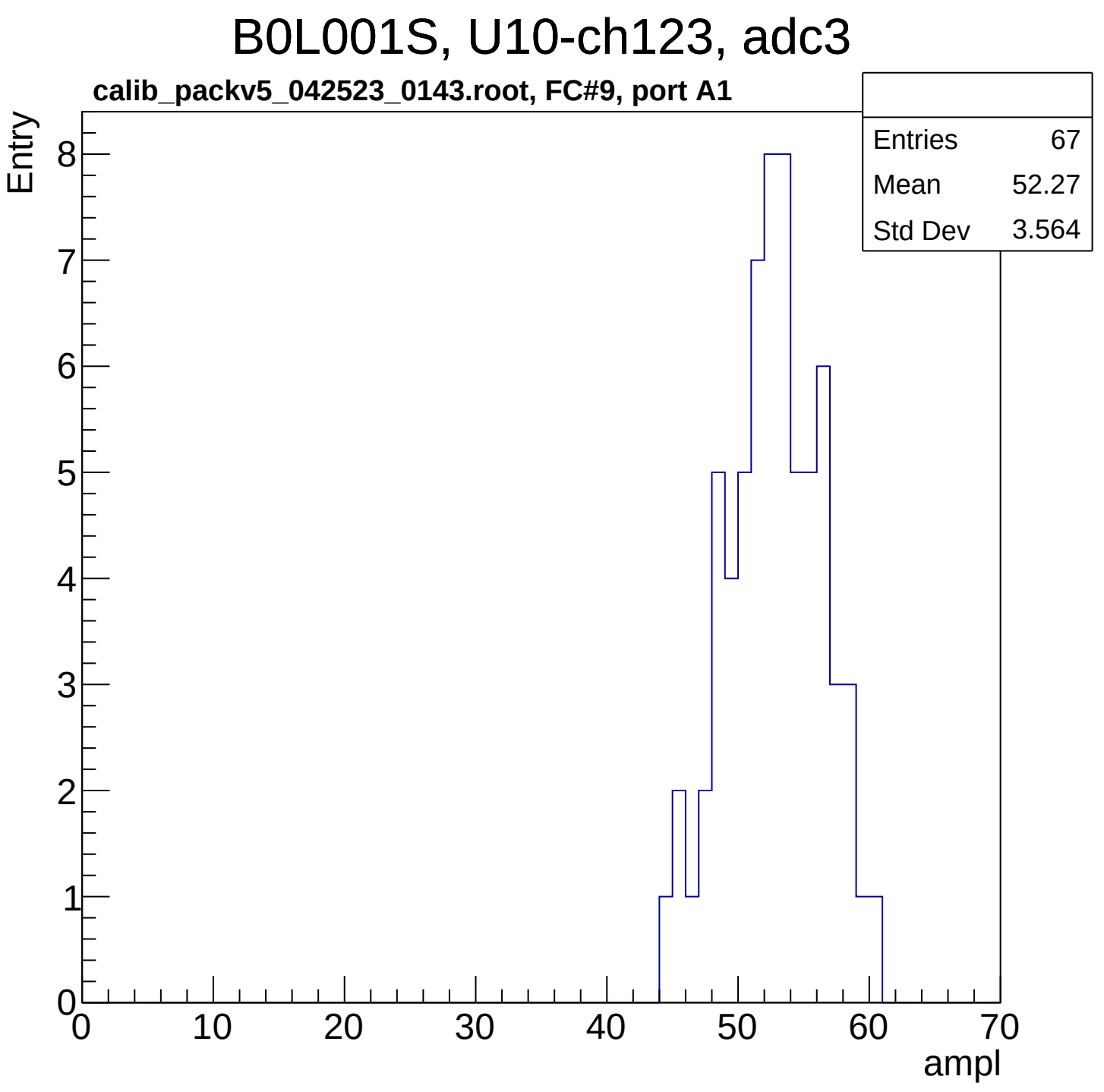
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch123, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 44.86
Std Dev 3.67
Gaus mean : 45.5946
Gaus Width: 4.1086
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch123, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 52.27
Std Dev 3.564
Entry
ampl
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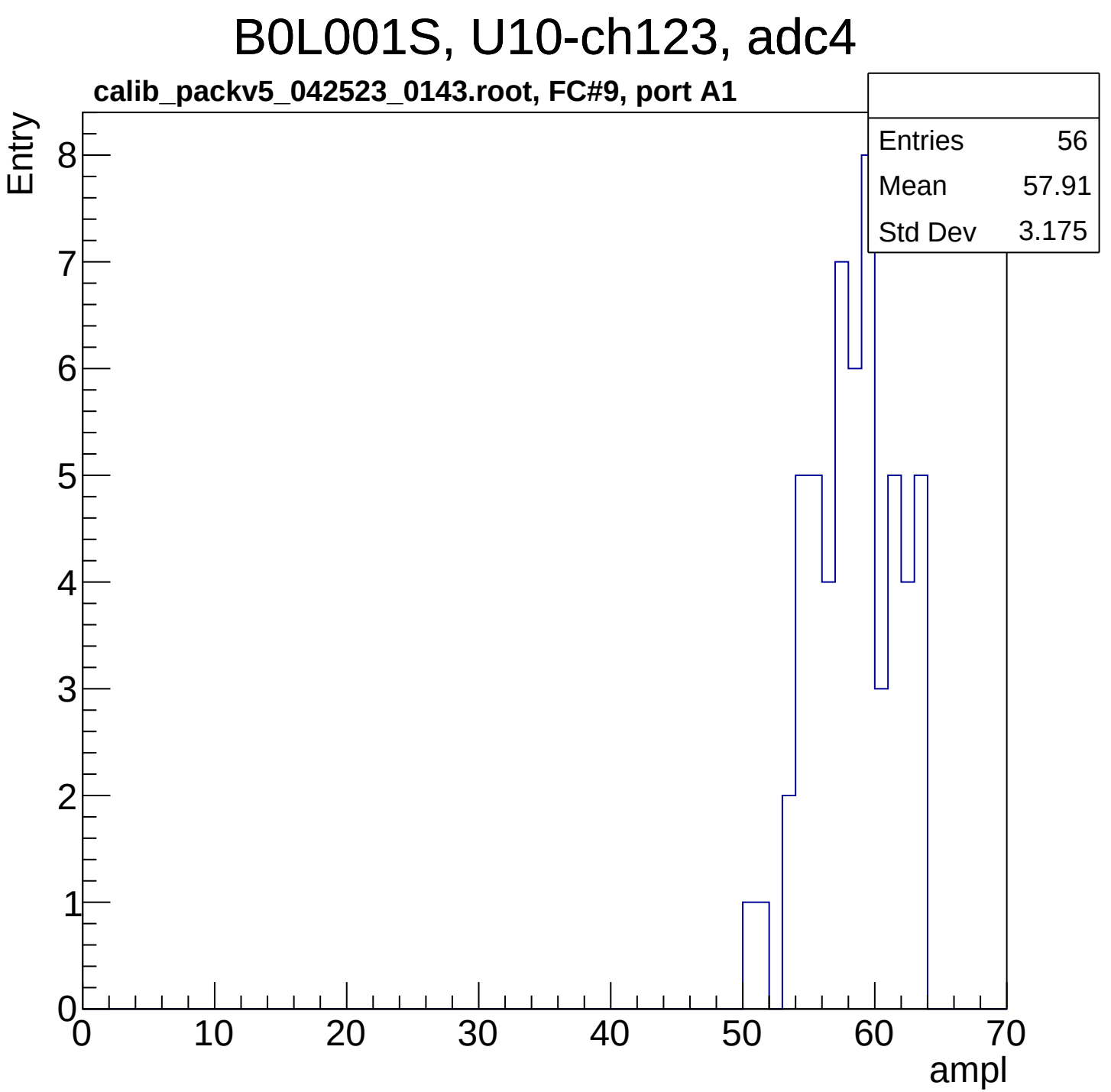
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch123, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 57.91
Std Dev 3.175
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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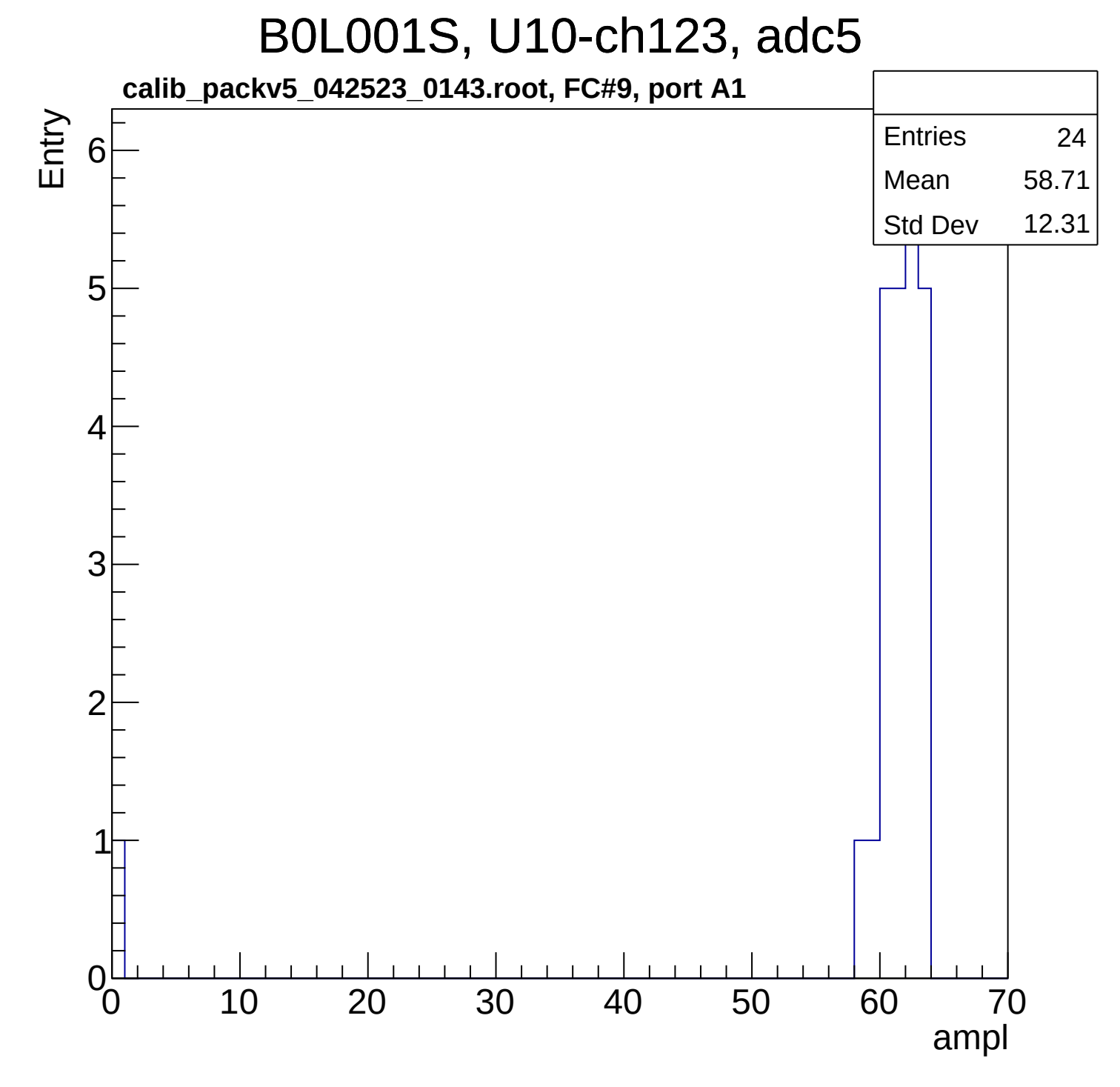
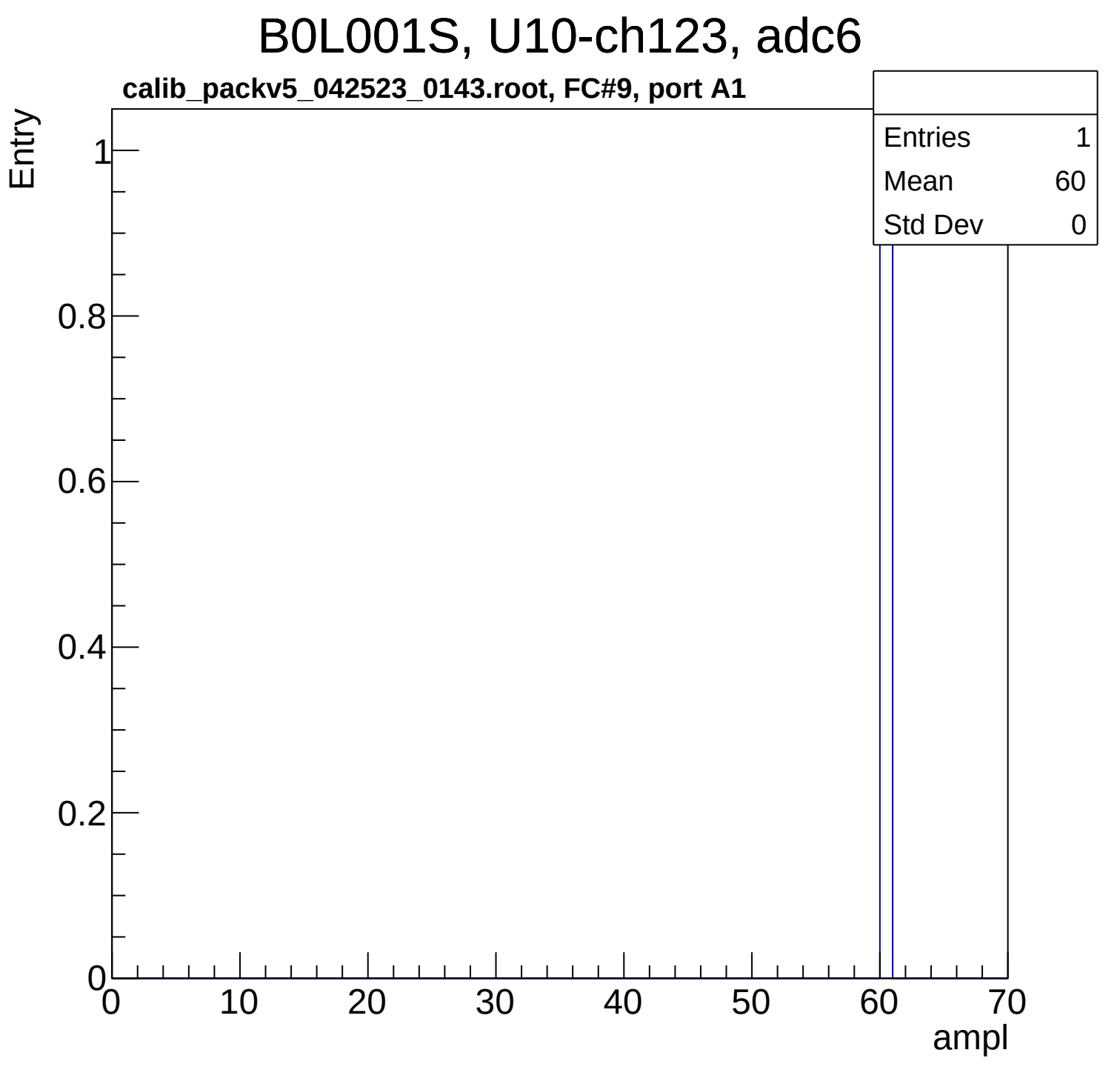

B0L001S, U10-ch123, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 58.71
Std Dev 12.31
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch123, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 60
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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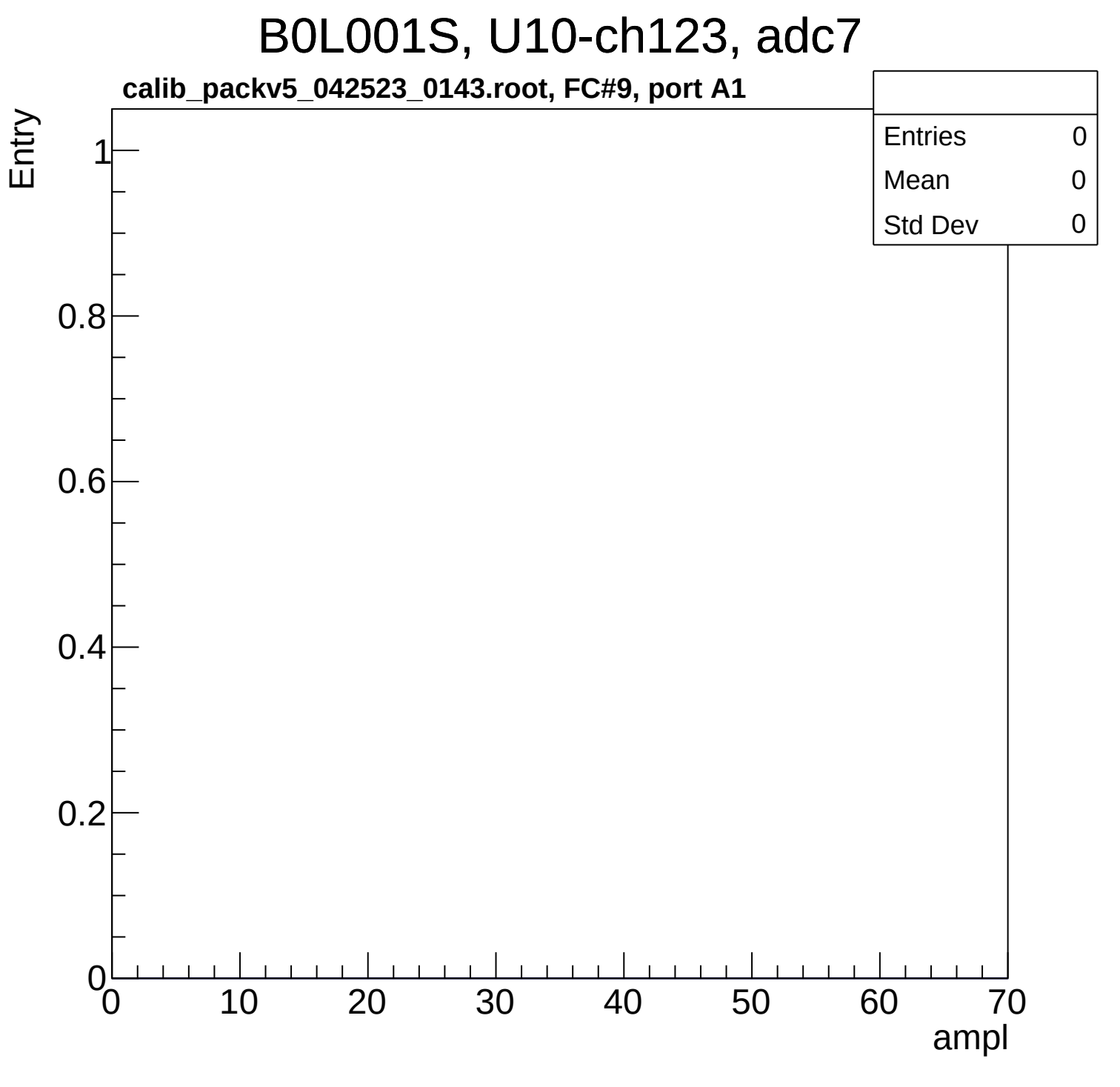
70
ampl


B0L001S, U10-ch123, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
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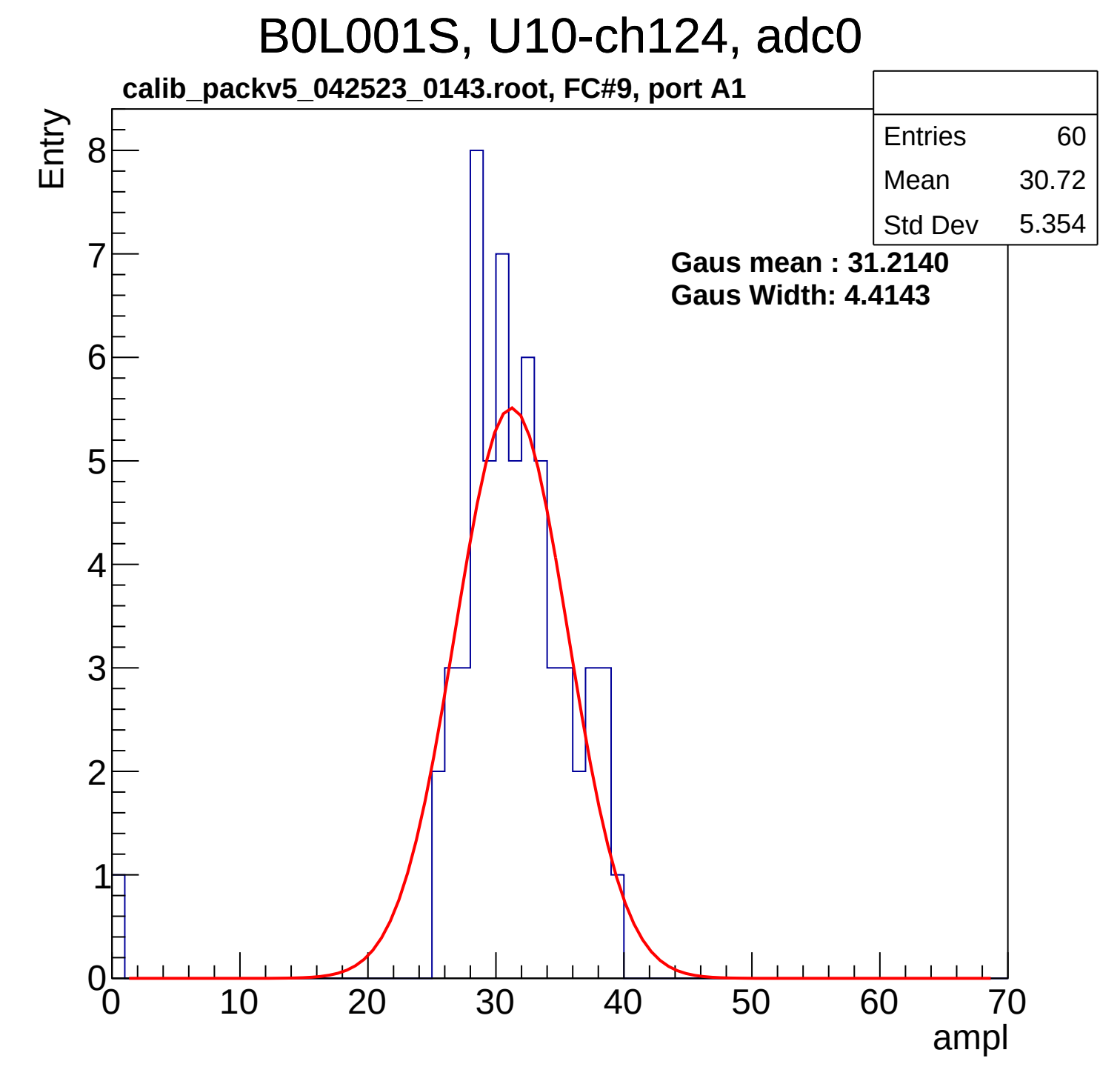
60
70
ampl


B0L001S, U10-ch124, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 30.72
Std Dev 5.354
Gaus mean : 31.2140
Gaus Width: 4.4143
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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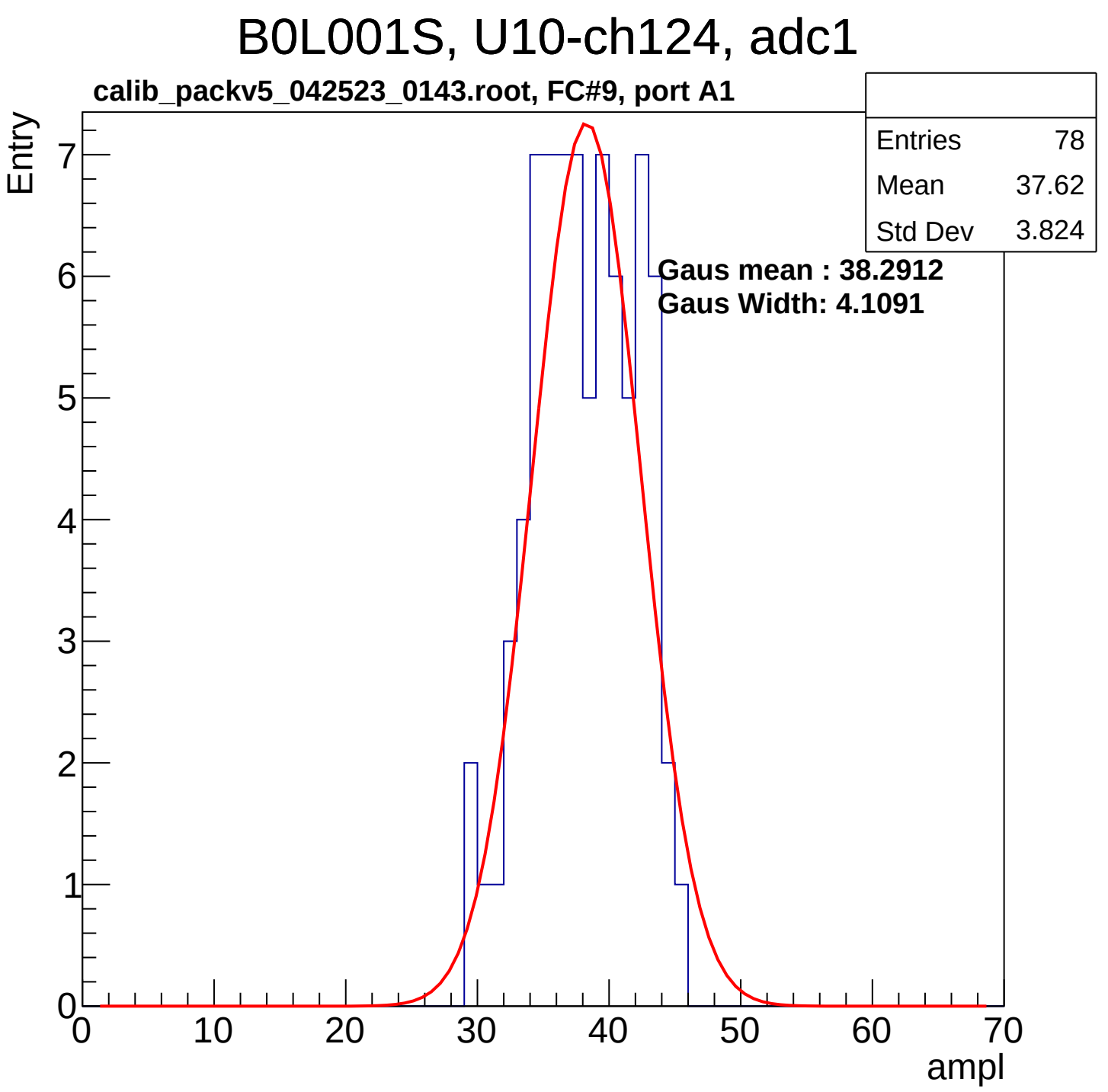
B0L001S, U10-ch124, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 37.62
Std Dev 3.824
Gaus mean : 38.2912
Gaus Width: 4.1091
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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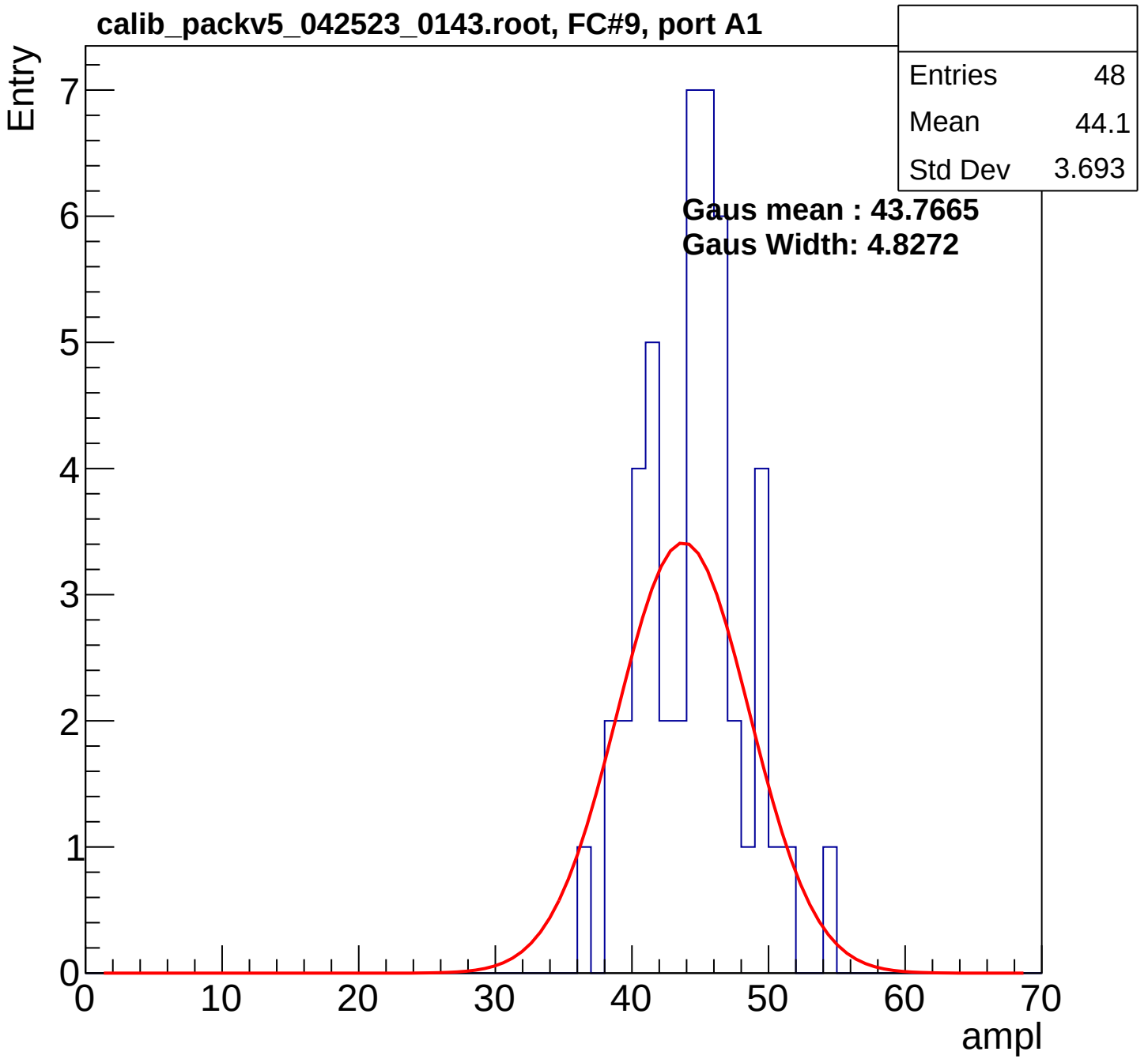
B0L001S, U10-ch124, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 44.1
Std Dev 3.693
Gaus mean : 43.7665
Gaus Width: 4.8272
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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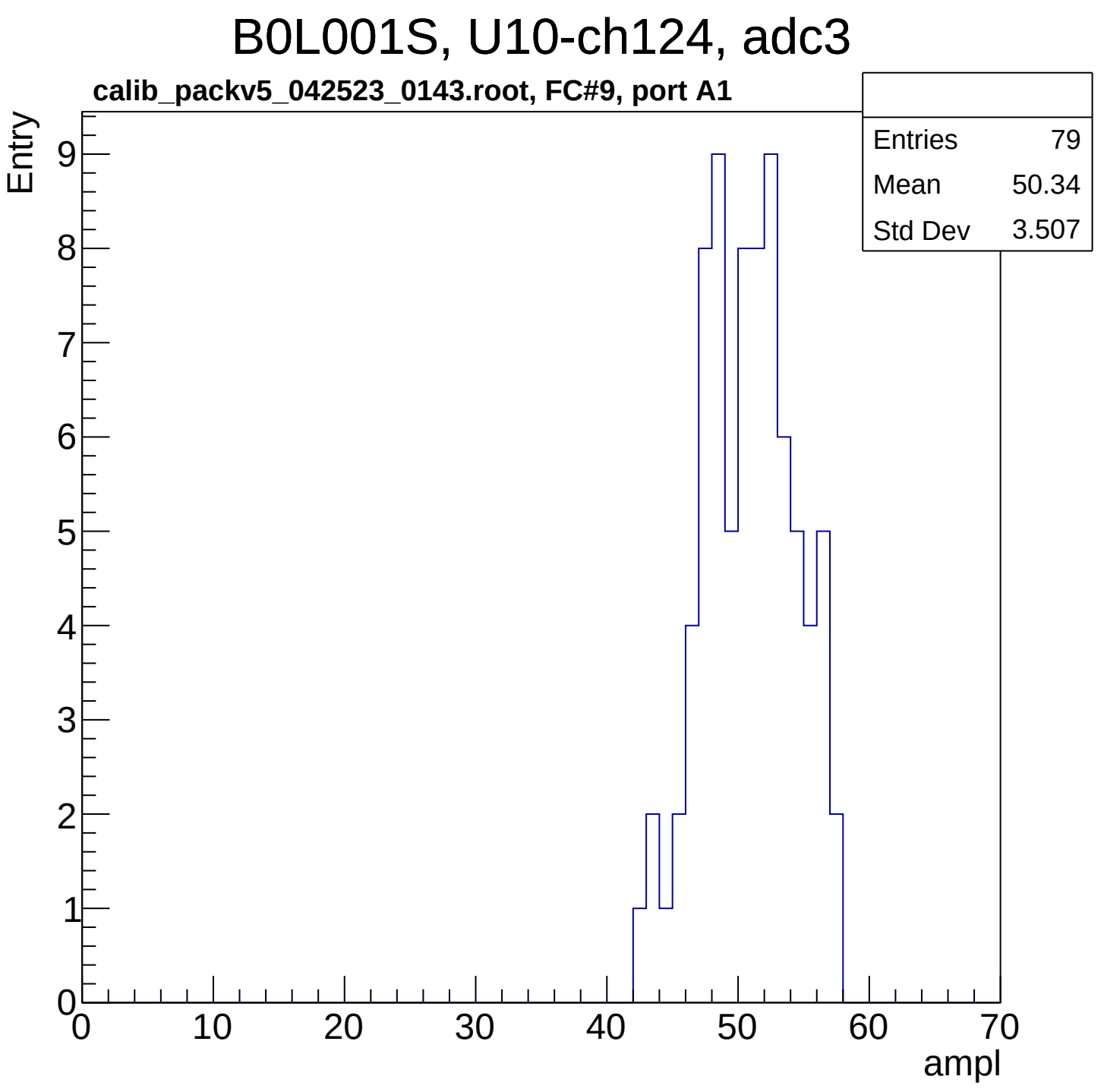
B0L001S, U10-ch124, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 50.34
Std Dev 3.507
Entry
ampl
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1
2
3
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5
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7
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60
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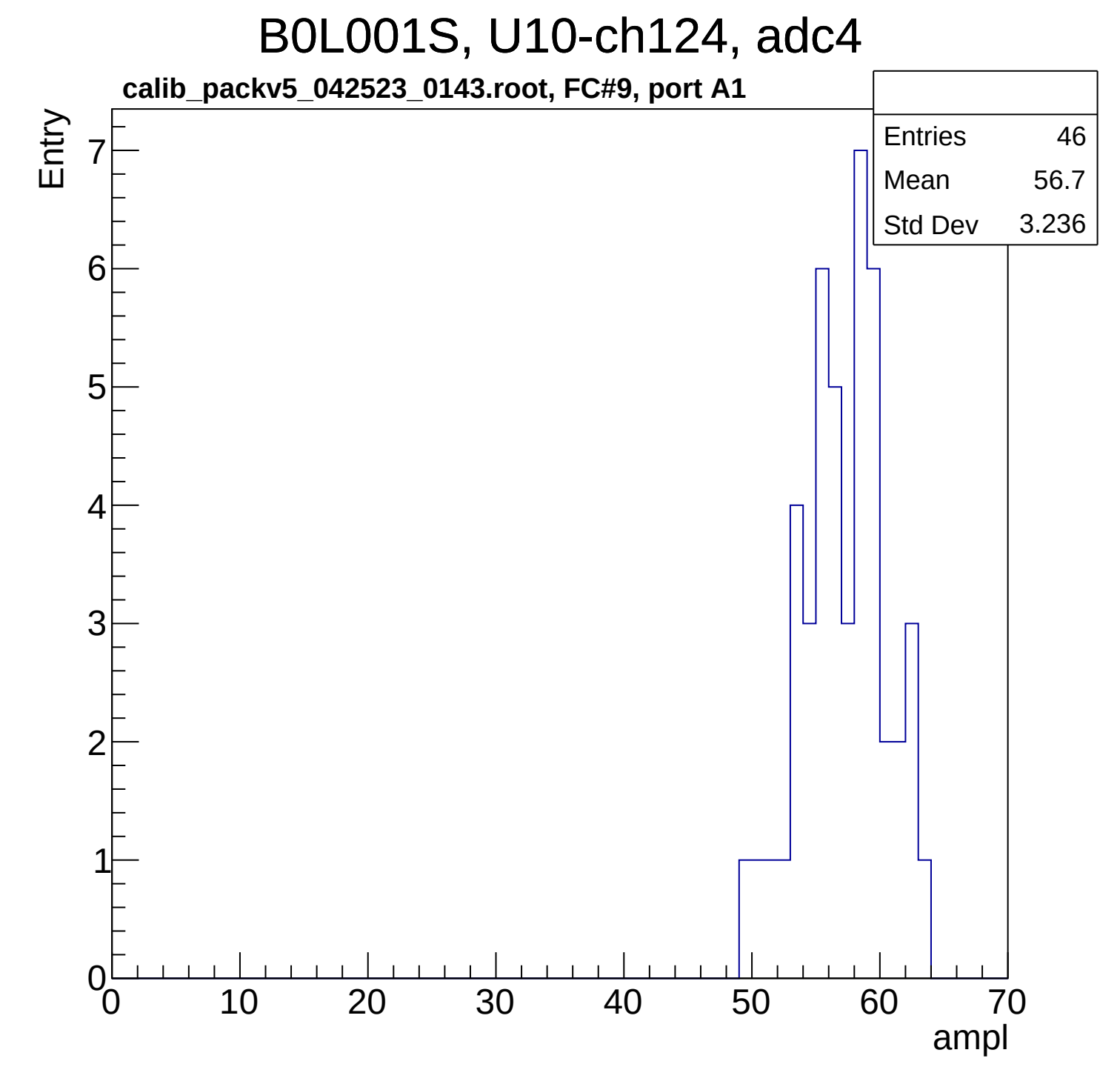
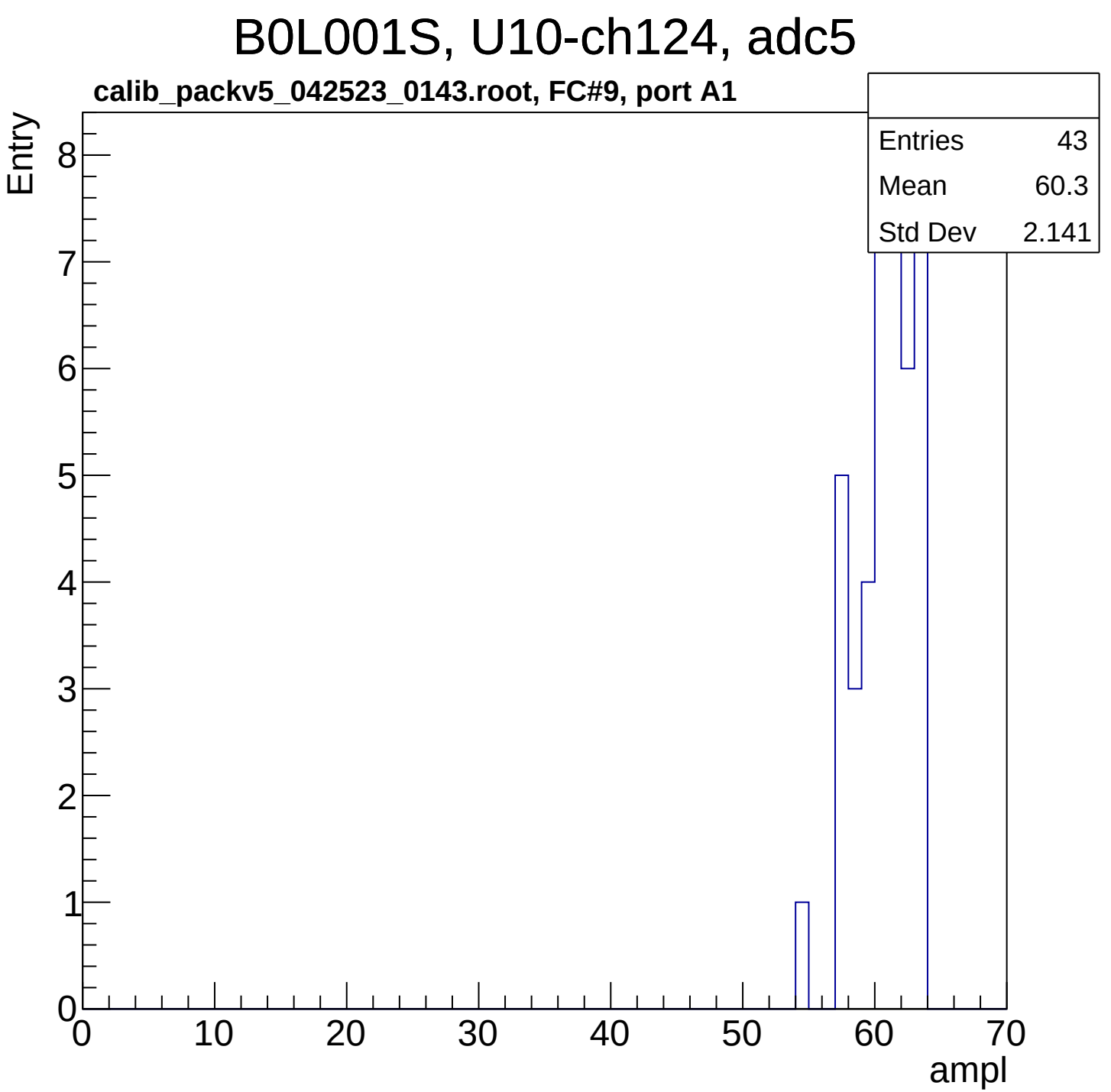

B0L001S, U10-ch124, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 56.7
Std Dev 3.236
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch124, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 60.3
Std Dev 2.141
Entry
ampl
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1
2
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4
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0
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40
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60
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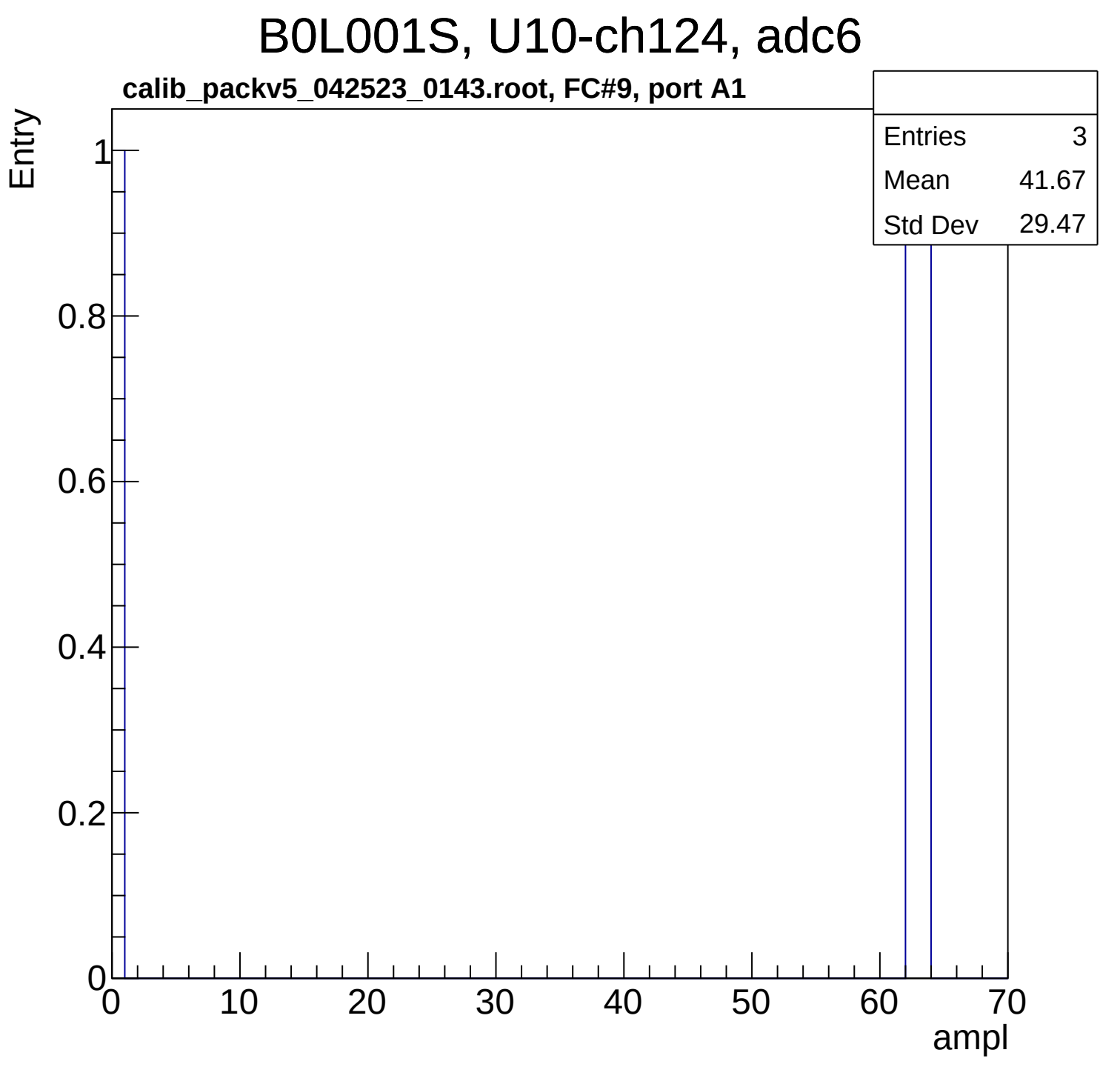
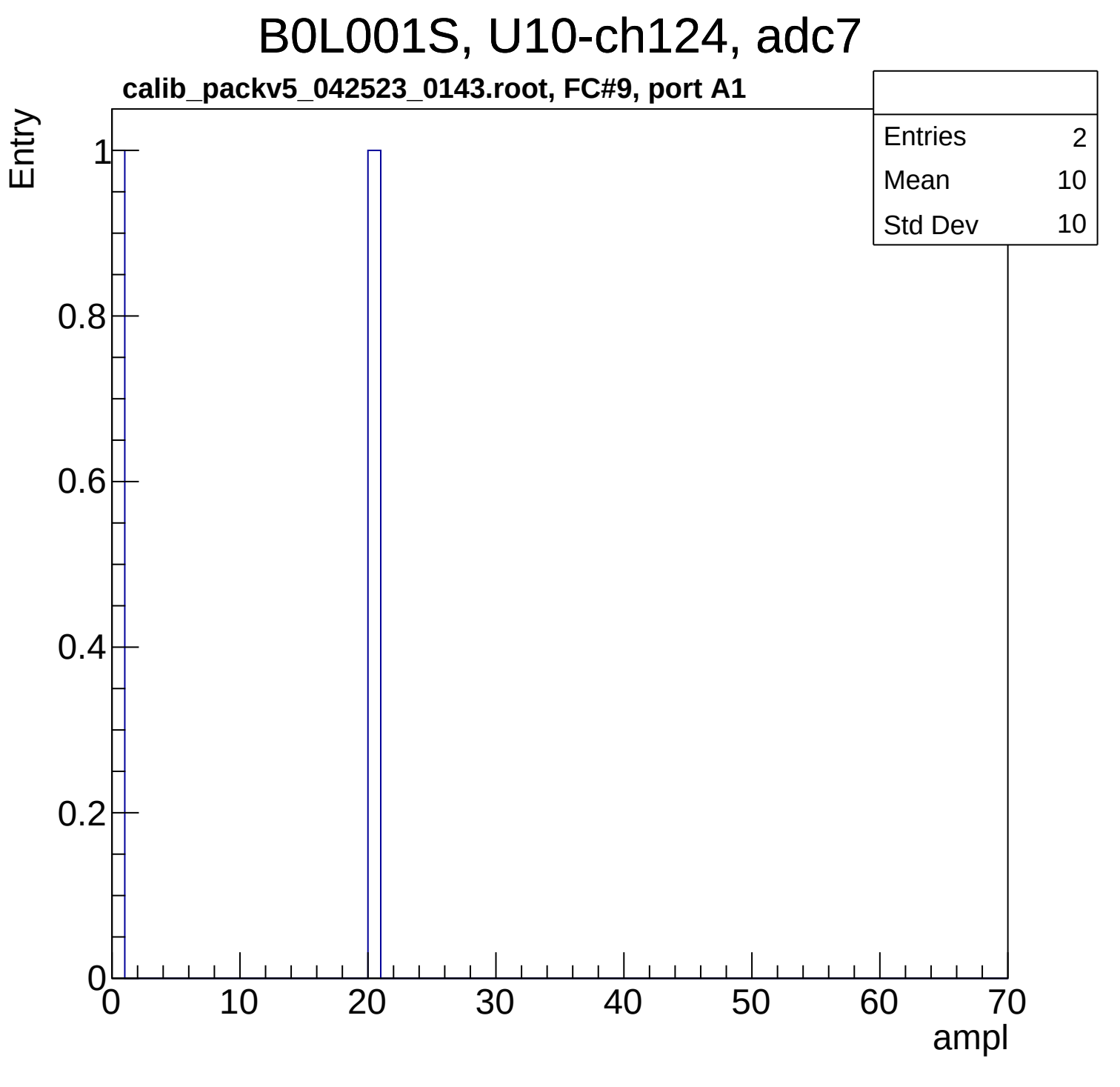
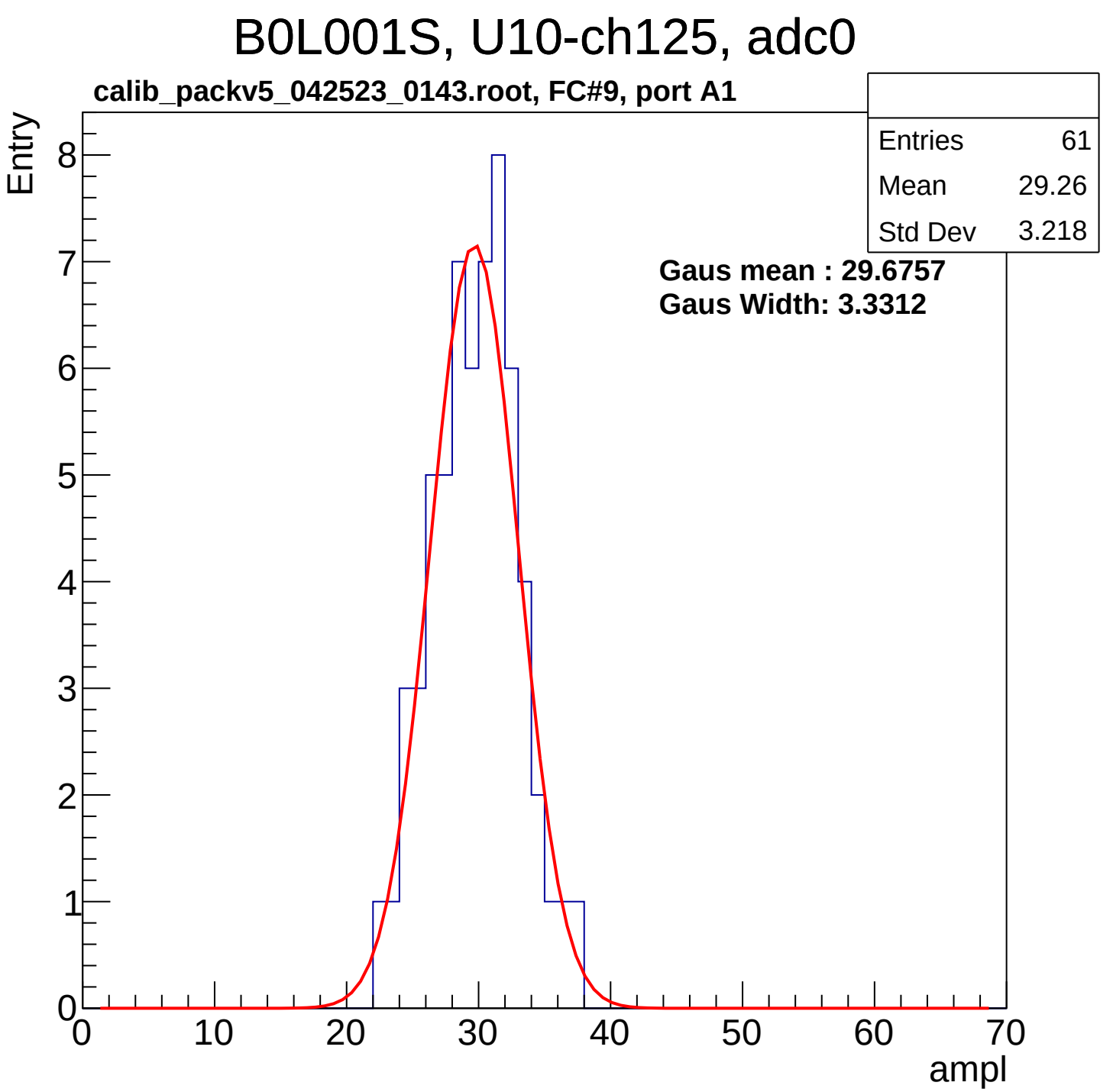
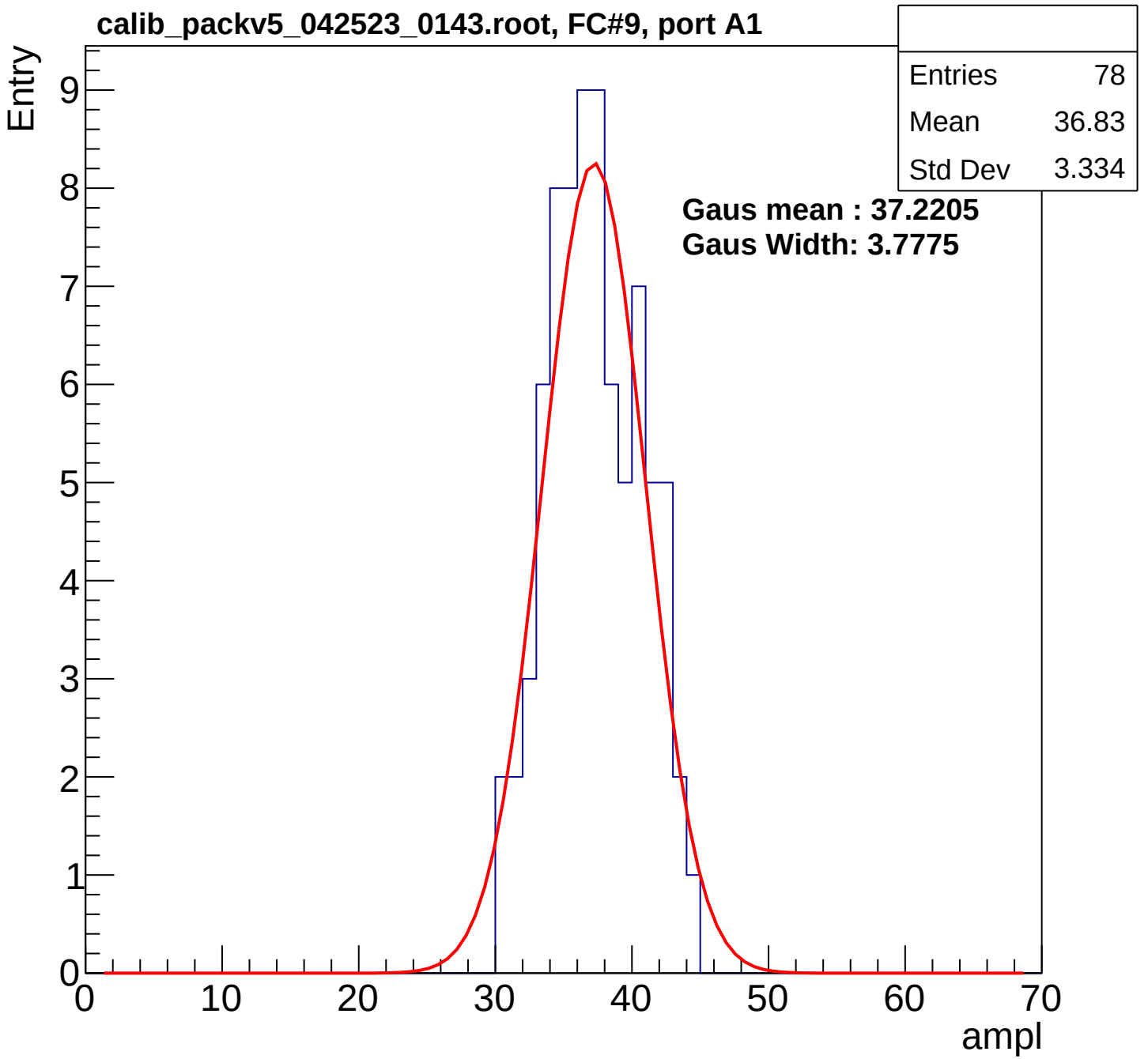

B0L001S, U10-ch124, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 41.67
Std Dev 29.47
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch124, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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


B0L001S, U10-ch125, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 29.26
Std Dev 3.218
Gaus mean : 29.6757
Gaus Width: 3.3312
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch125, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 36.83
Std Dev 3.334
Gaus mean : 37.2205
Gaus Width: 3.7775
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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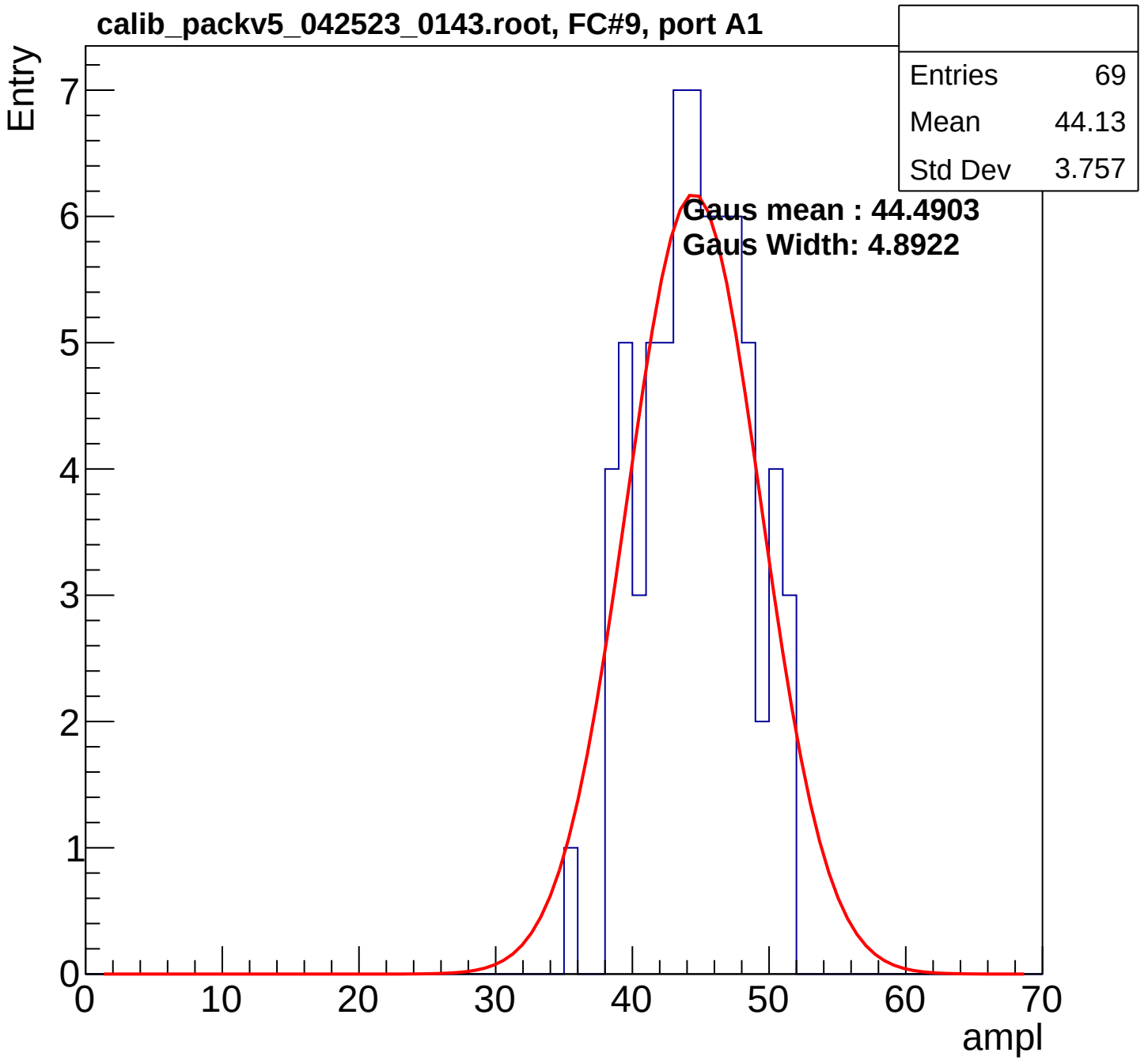
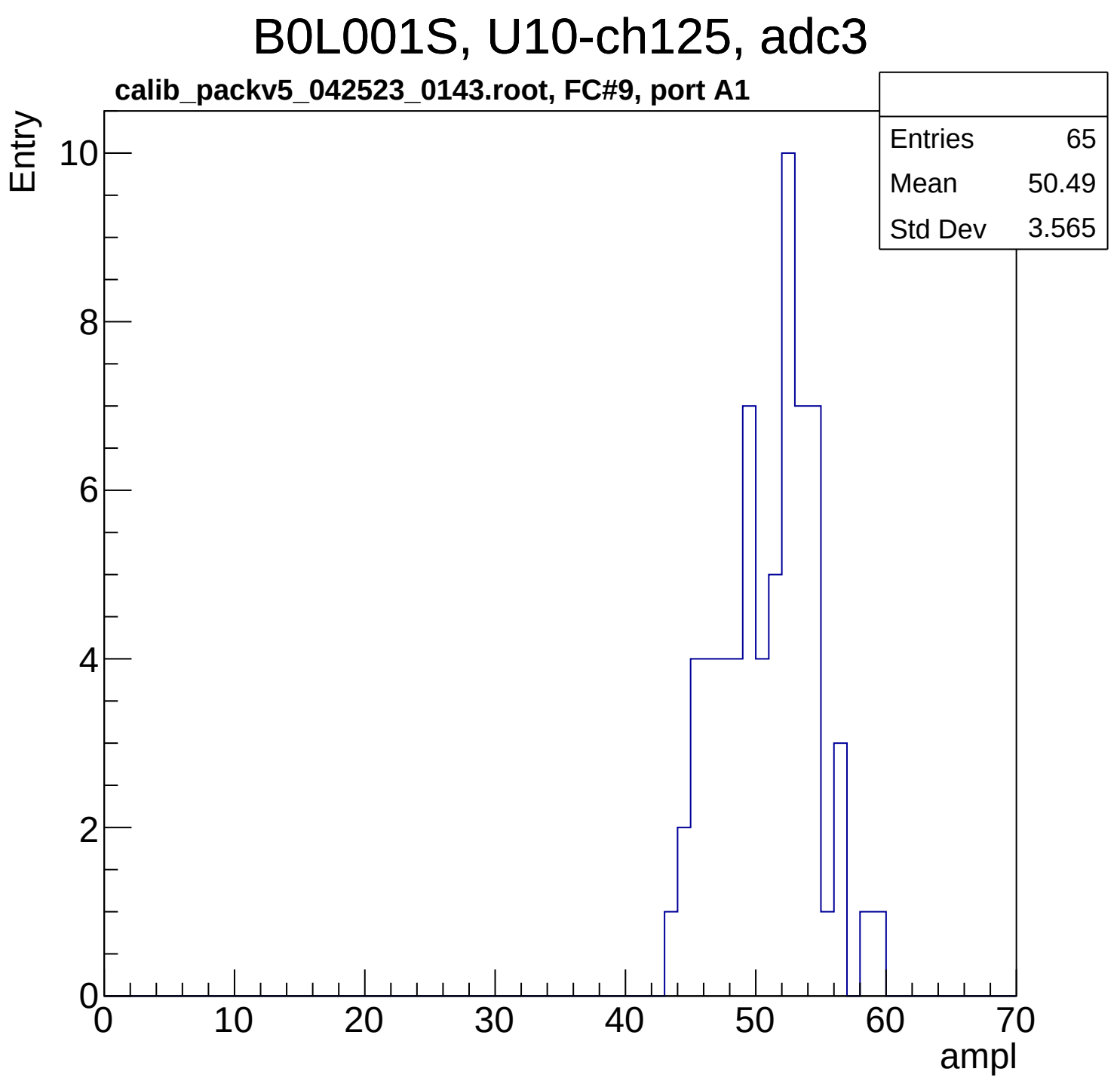
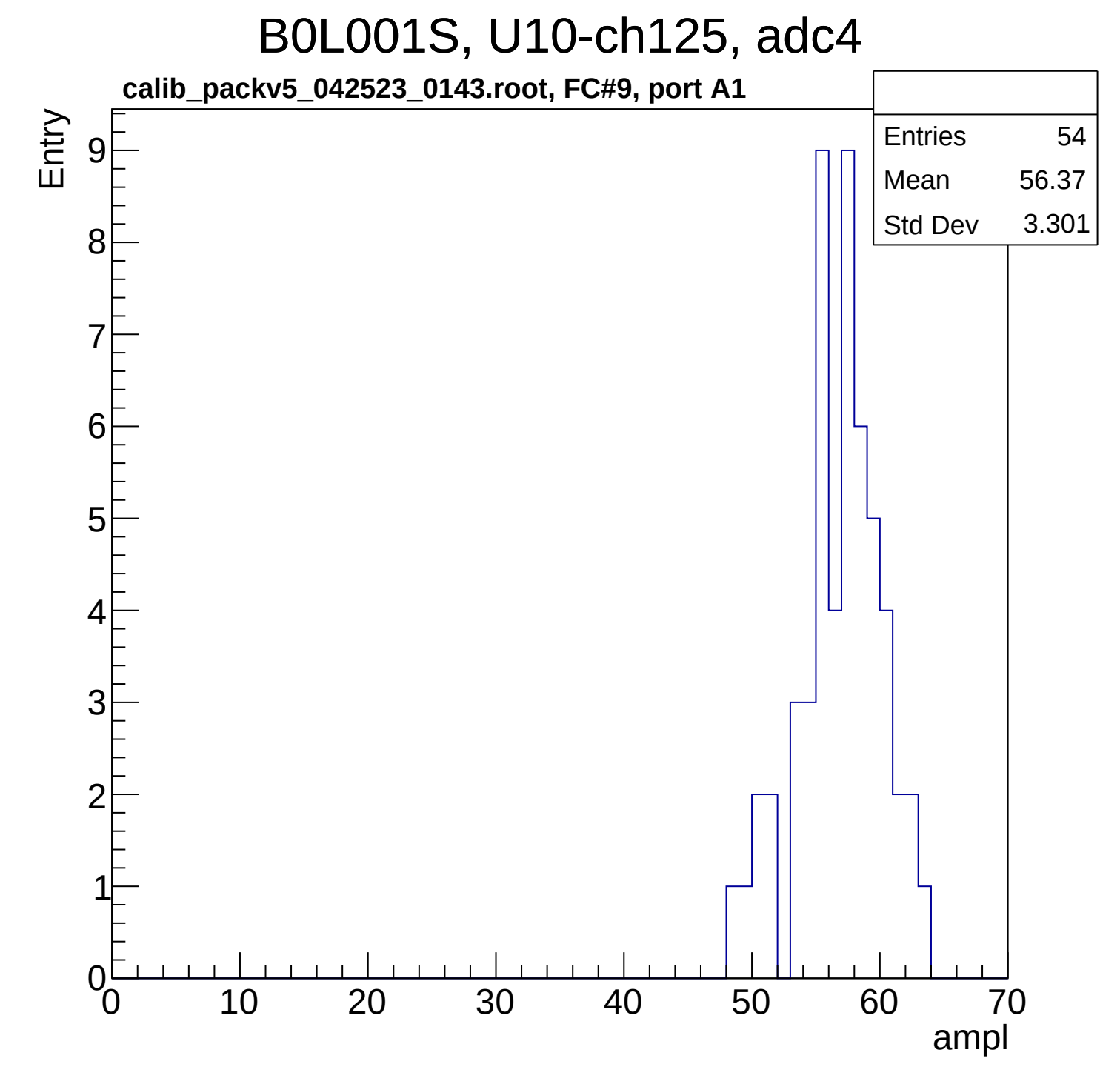
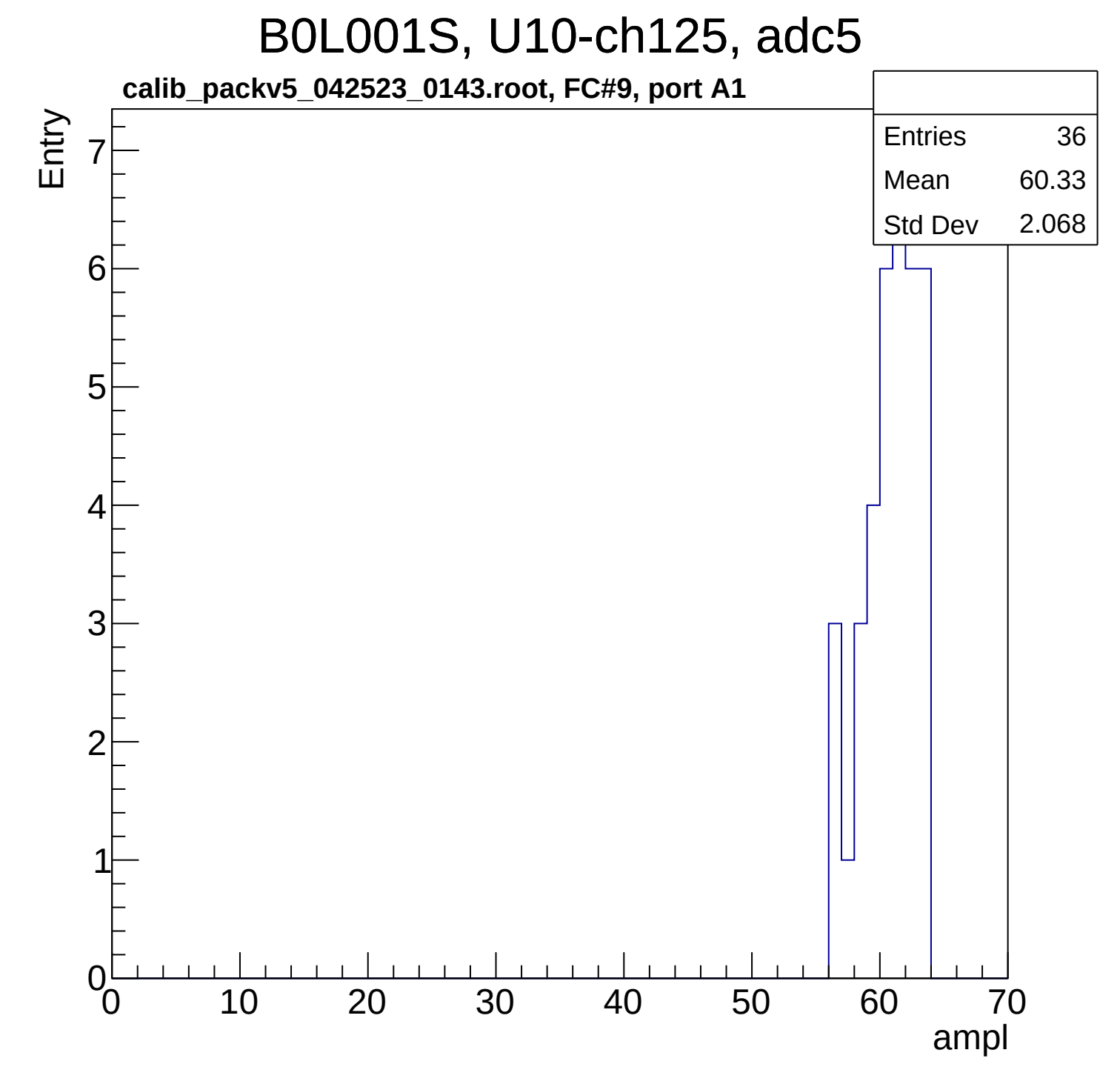
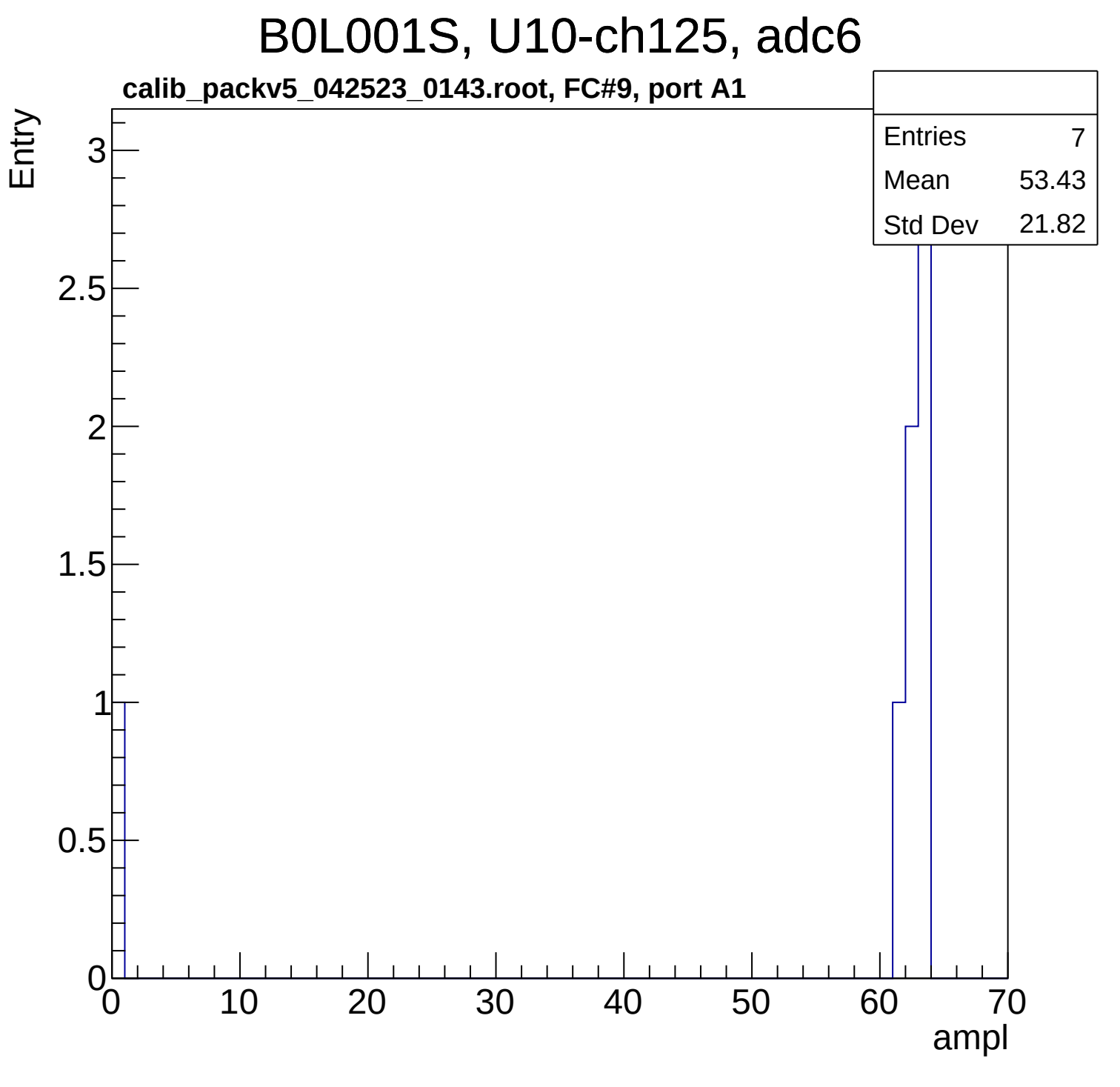
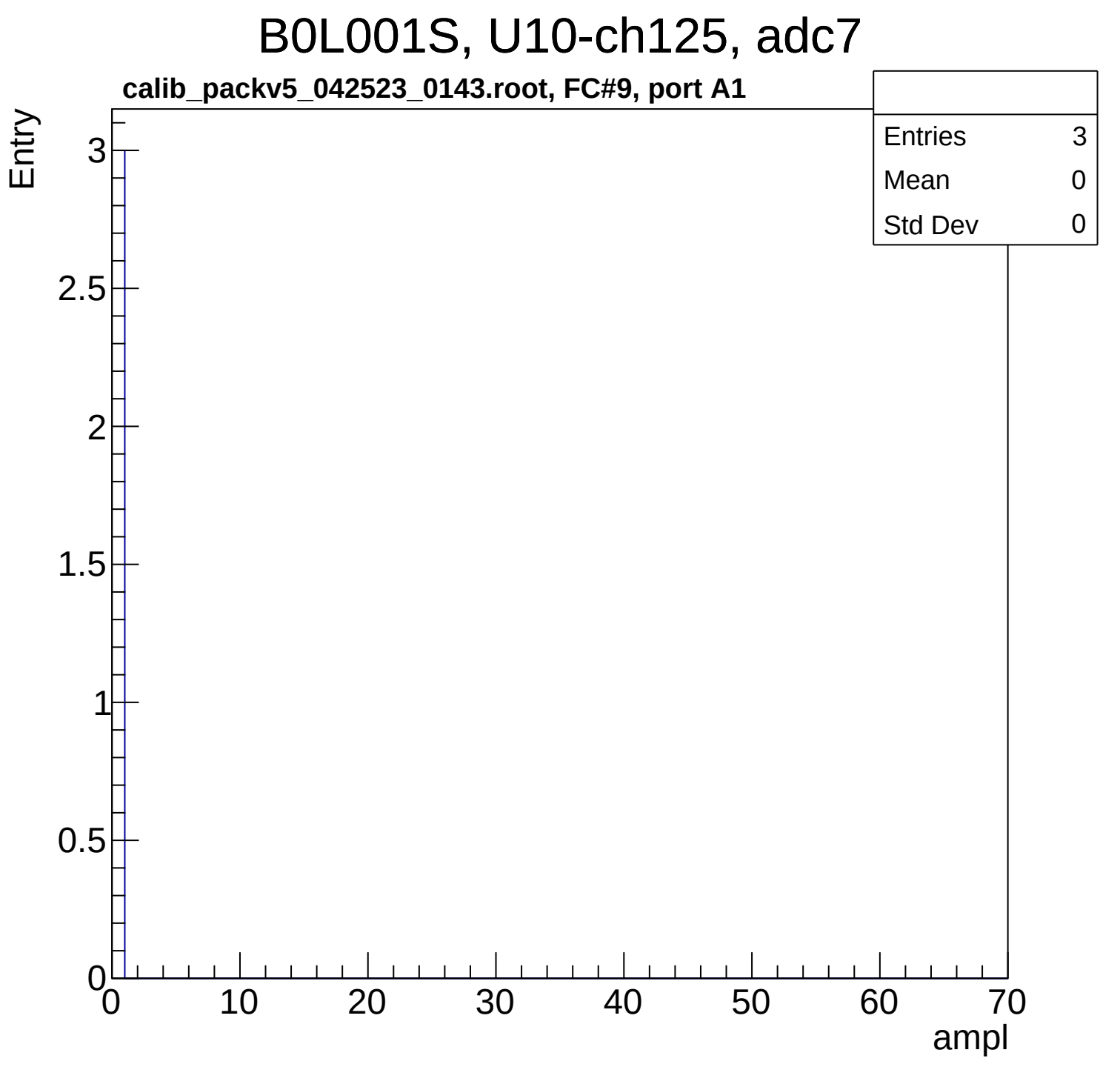

B0L001S, U10-ch125, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.13
Std Dev 3.757
Gaus mean : 44.4903
Gaus Width: 4.8922
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

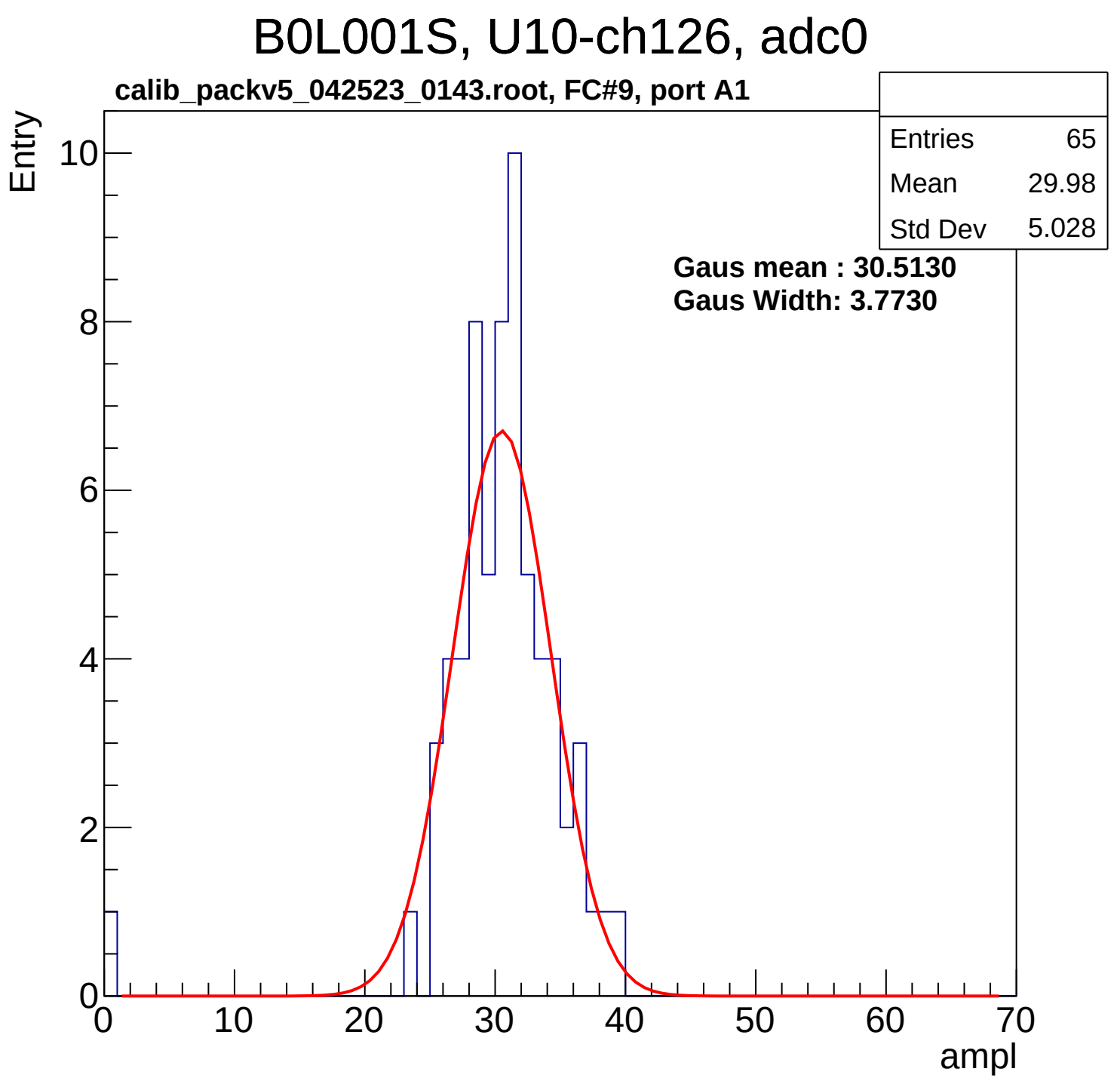

B0L001S, U10-ch125, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 50.49
Std Dev 3.565
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

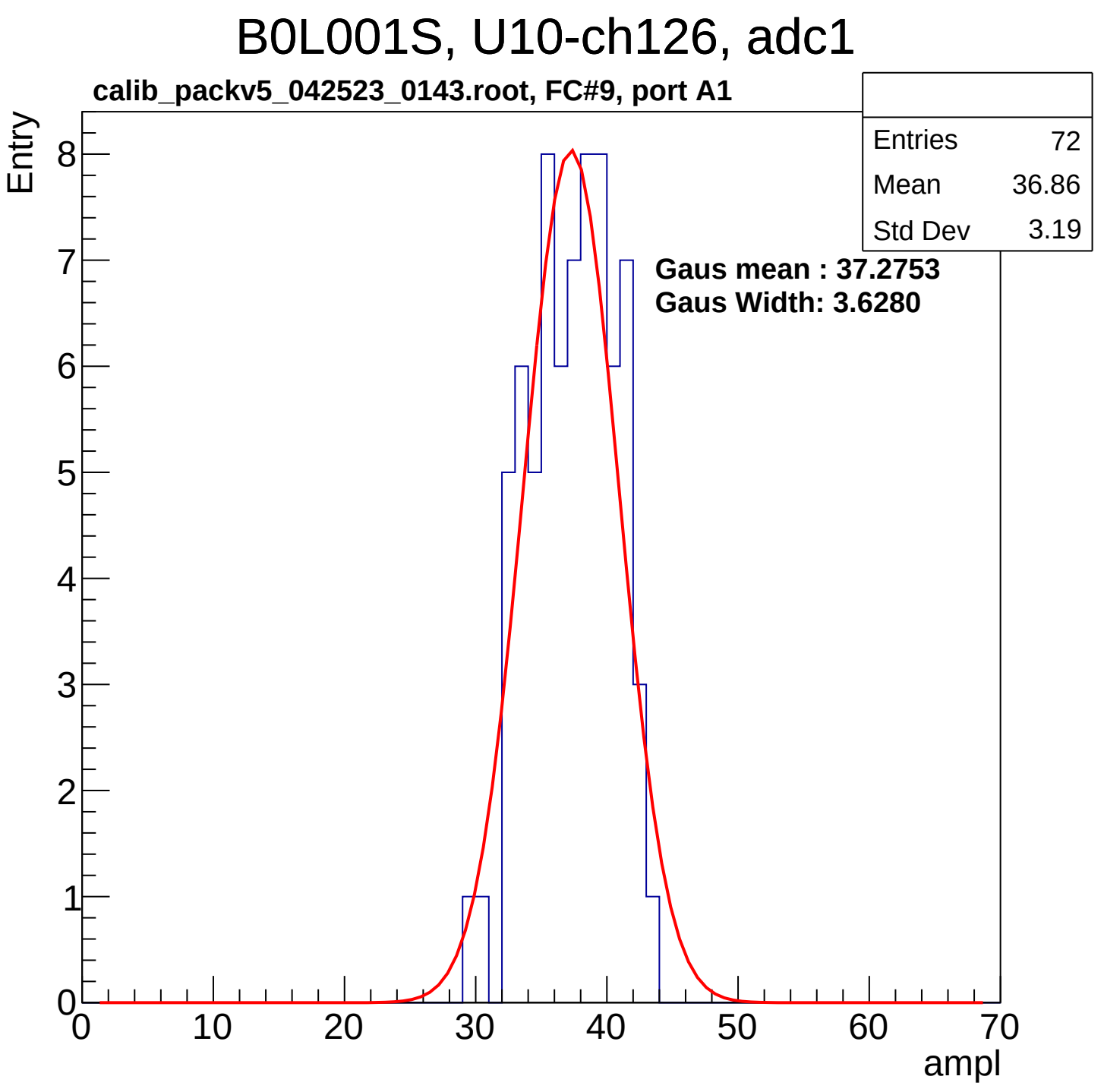

B0L001S, U10-ch125, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.37
Std Dev 3.301
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

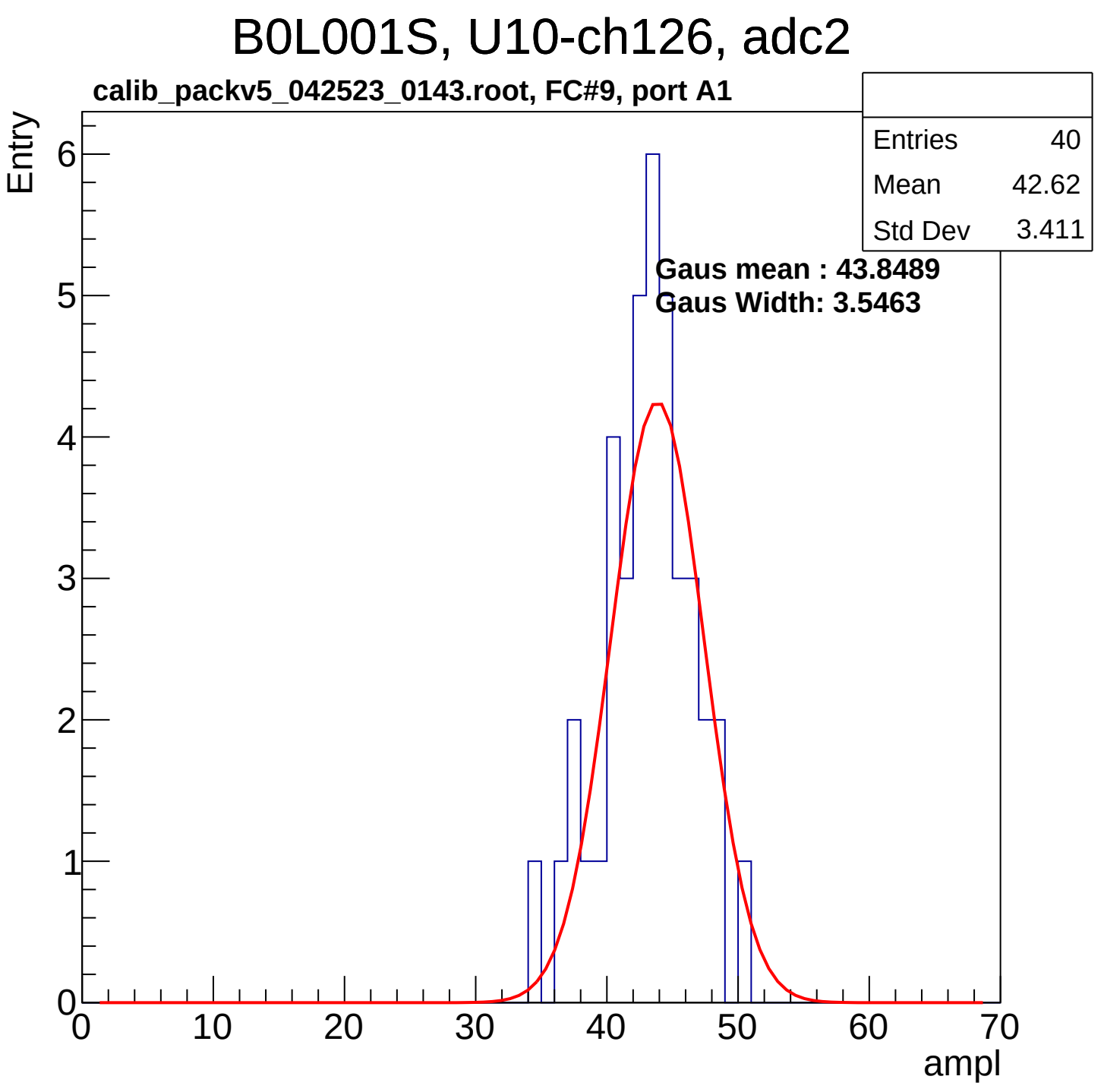

B0L001S, U10-ch125, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 60.33
Std Dev 2.068
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

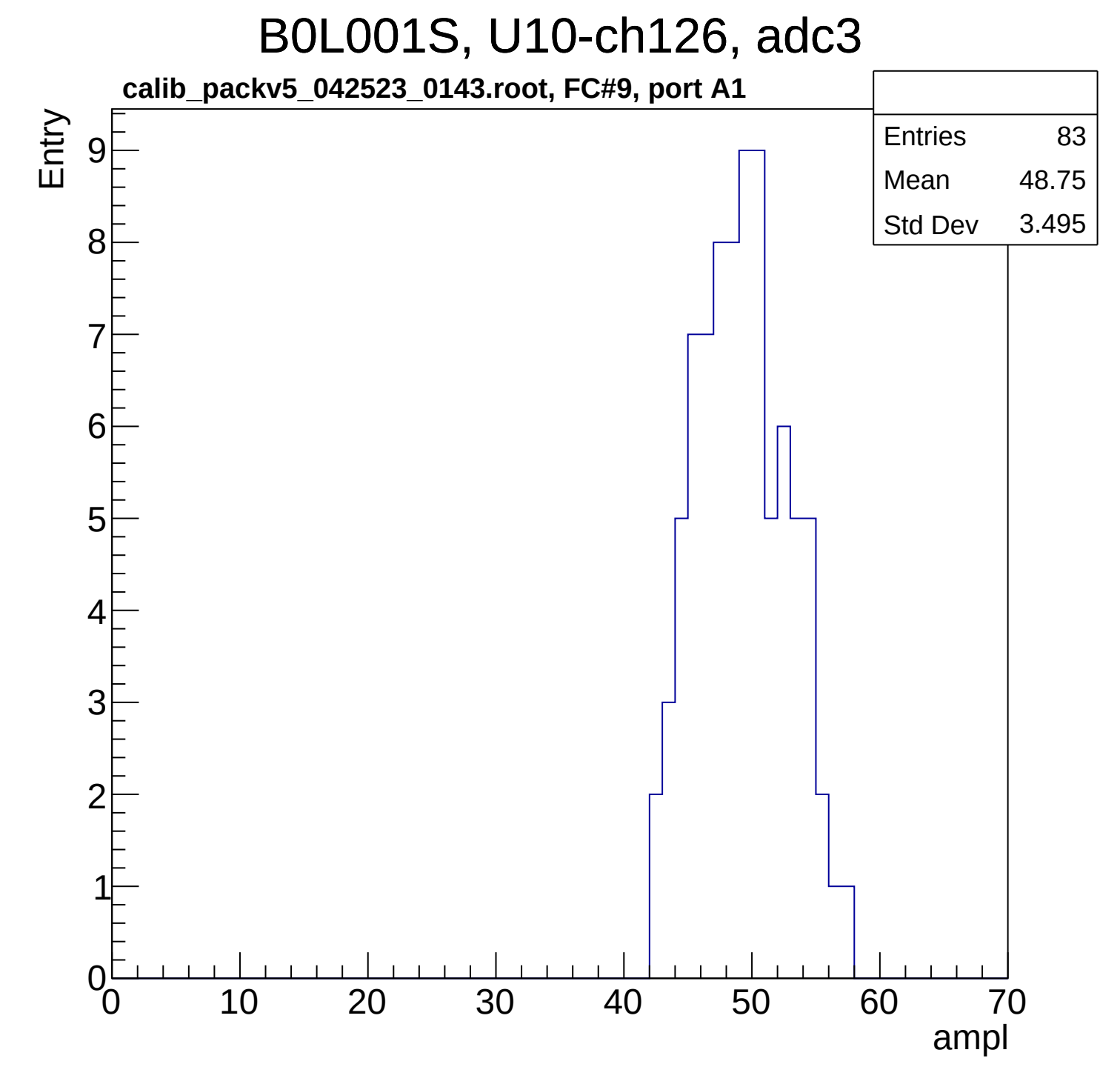

B0L001S, U10-ch125, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 53.43
Std Dev 21.82
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch125, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch126, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 29.98
Std Dev 5.028
Gaus mean : 30.5130
Gaus Width: 3.7730
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch126, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 36.86
Std Dev 3.19
Gaus mean : 37.2753
Gaus Width: 3.6280
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch126, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 42.62
Std Dev 3.411
Gaus mean : 43.8489
Gaus Width: 3.5463
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B0L001S, U10-ch126, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 48.75
Std Dev 3.495
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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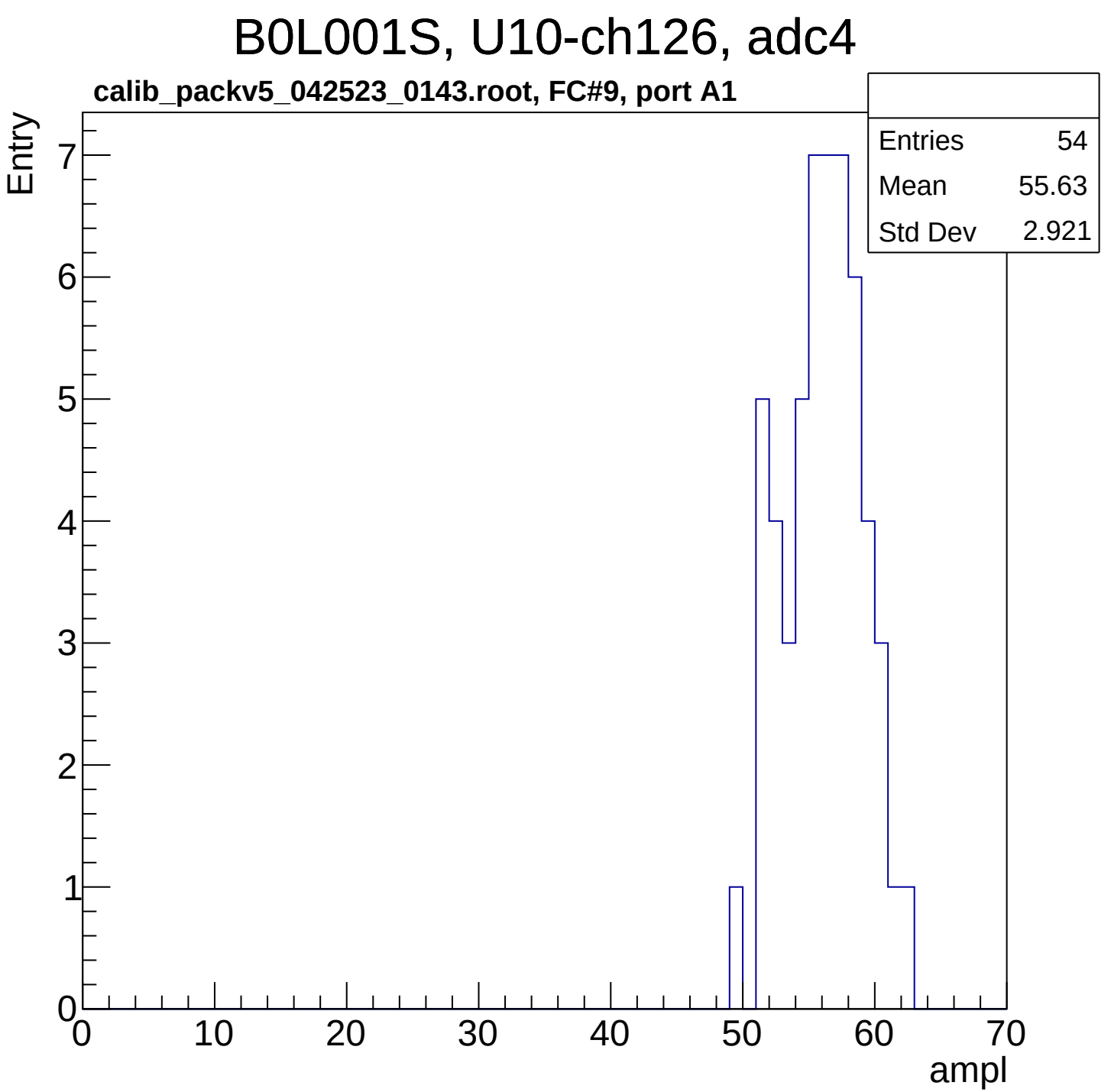
B0L001S, U10-ch126, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 55.63
Std Dev 2.921
Entry
ampl
0
1
2
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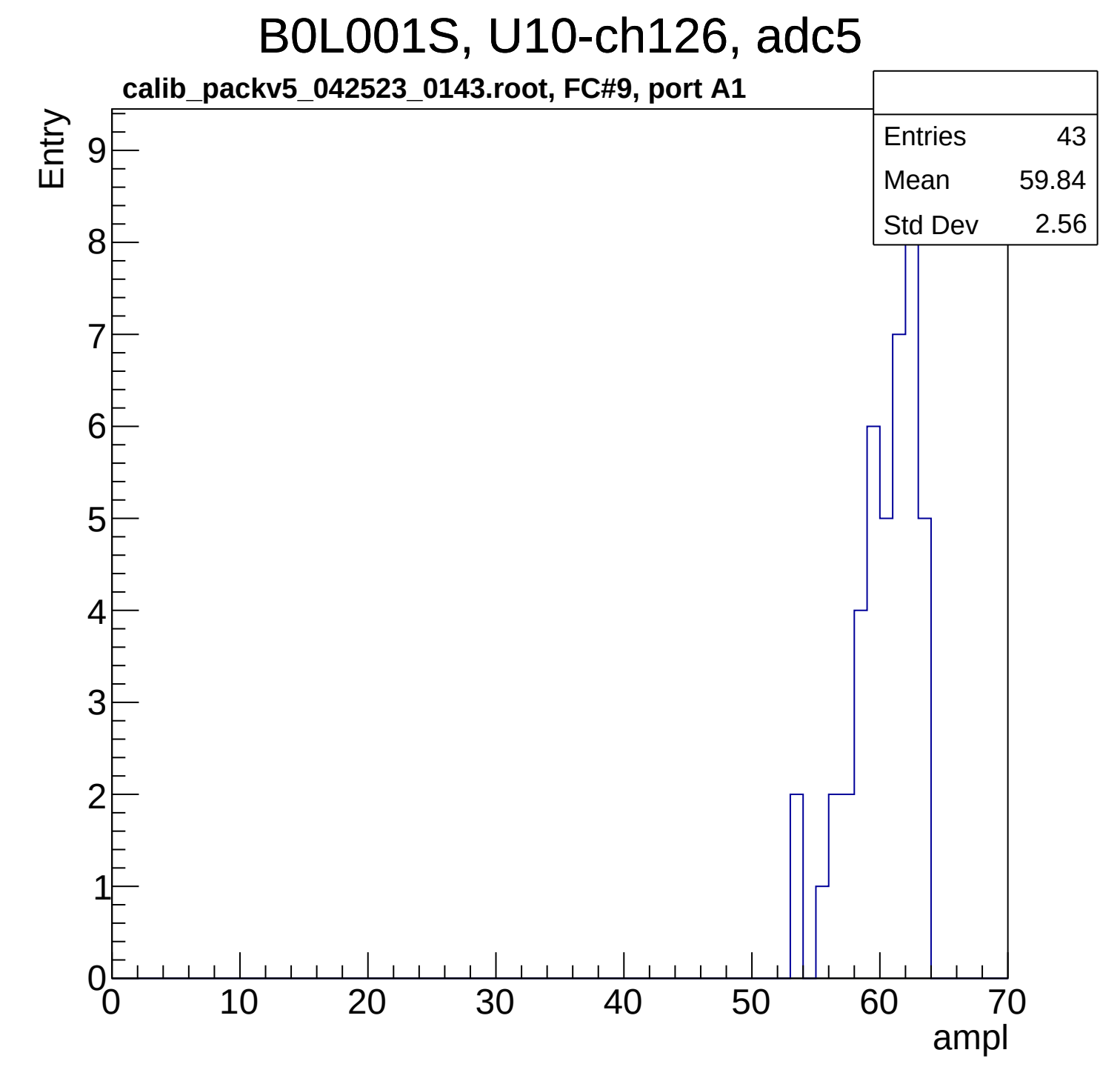
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U10-ch126, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 59.84
Std Dev 2.56
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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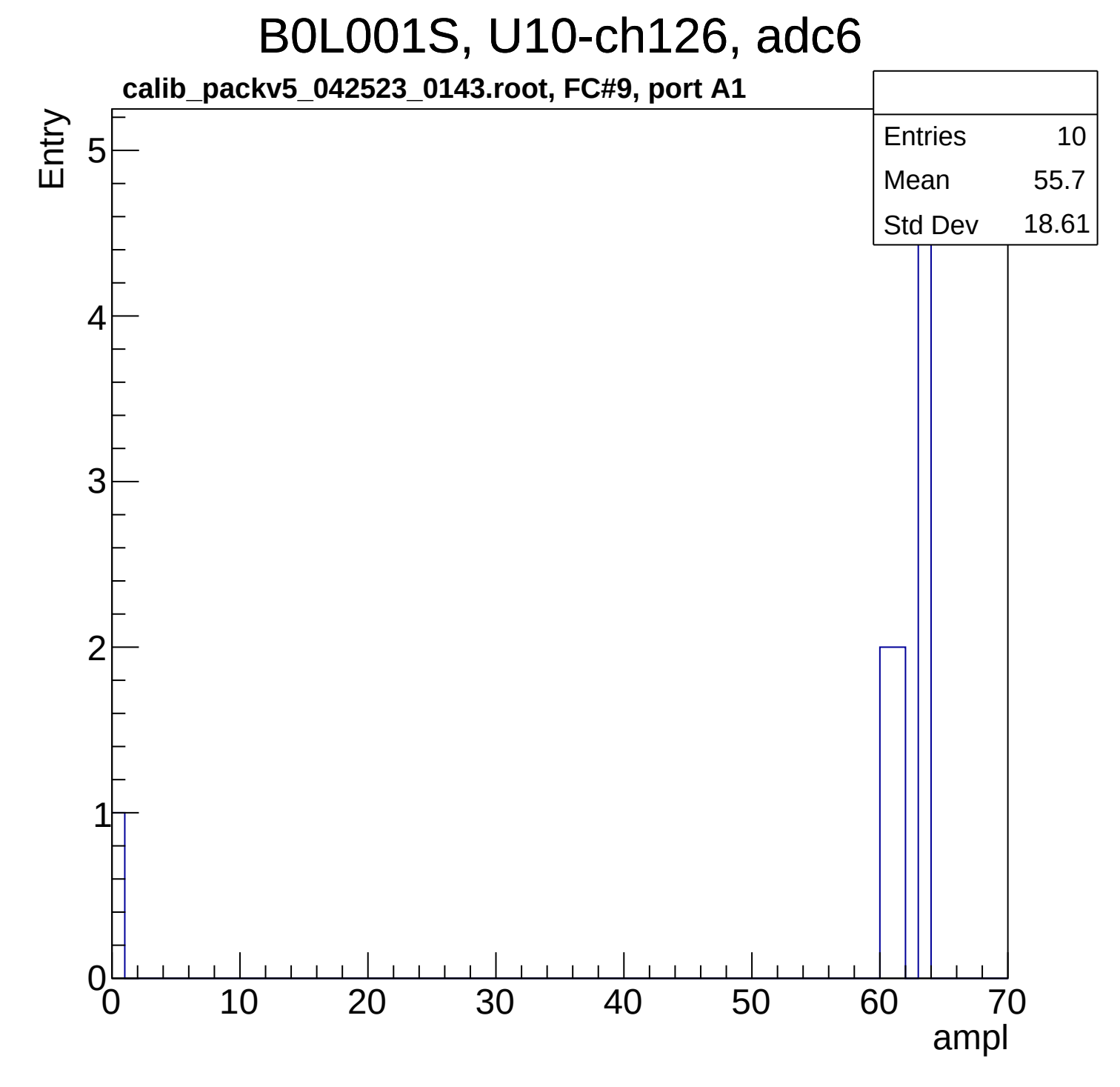
B0L001S, U10-ch126, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 10
Mean 55.7
Std Dev 18.61
Entry
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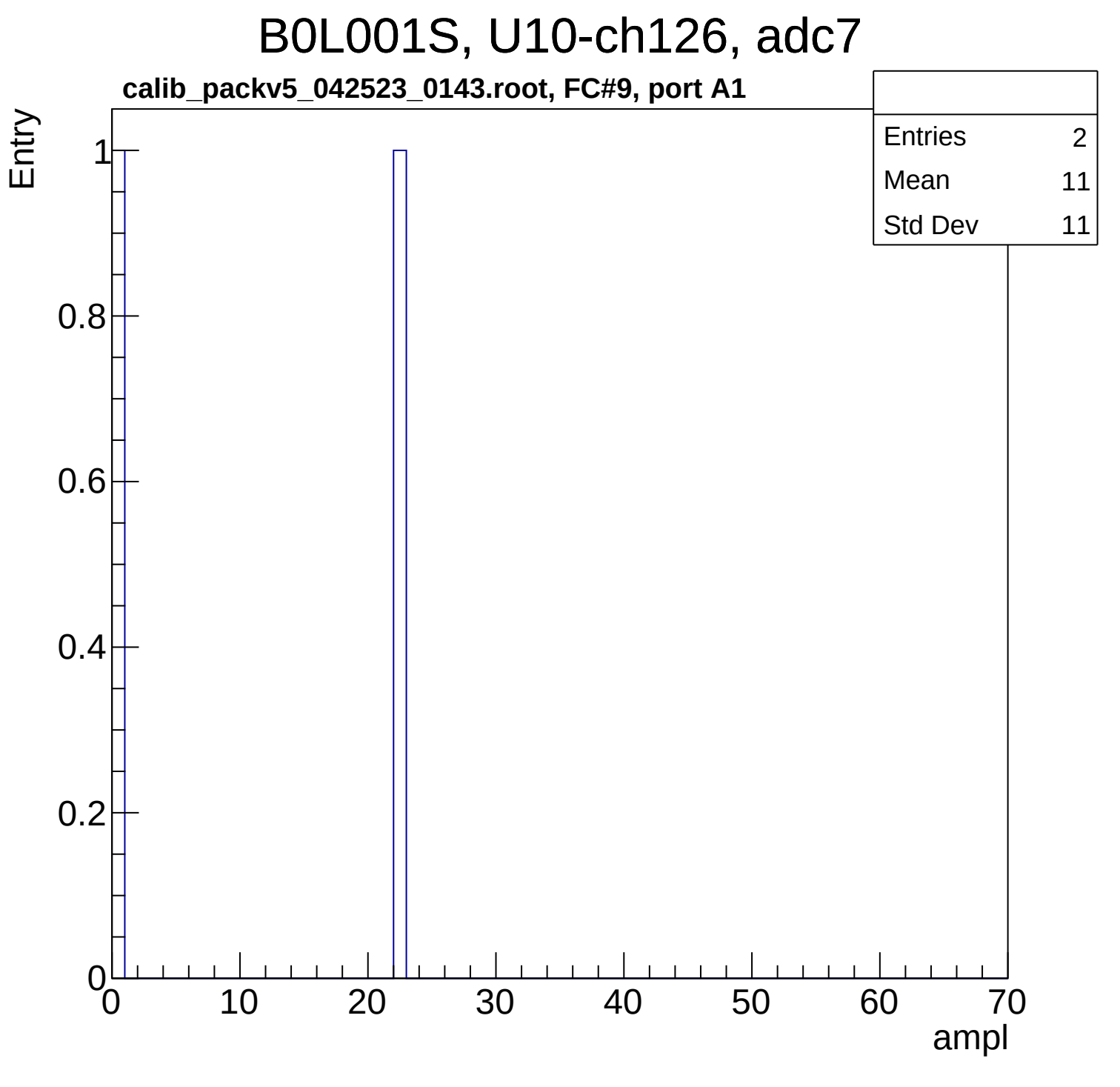
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch126, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 11
Std Dev 11
Entry
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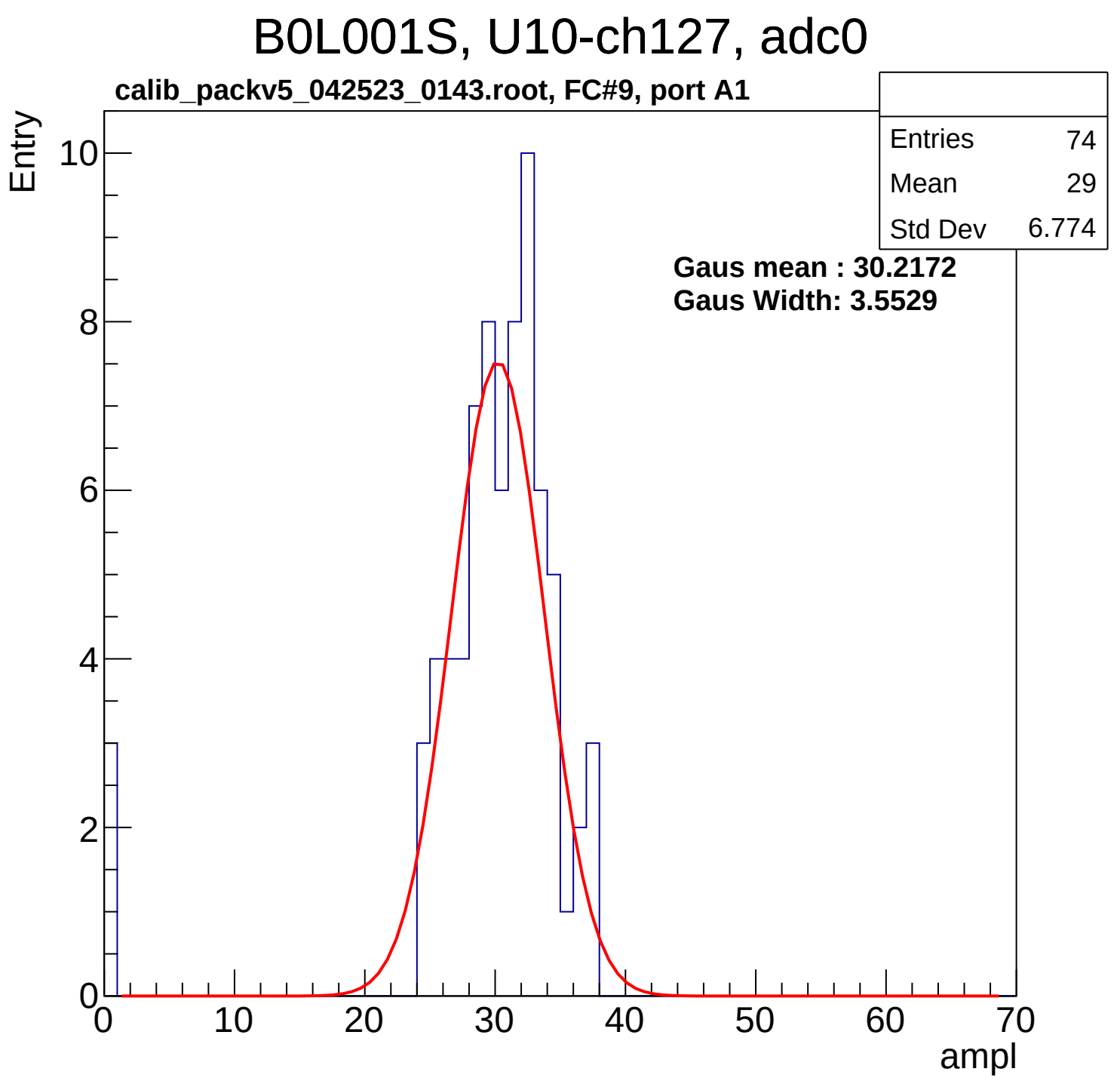
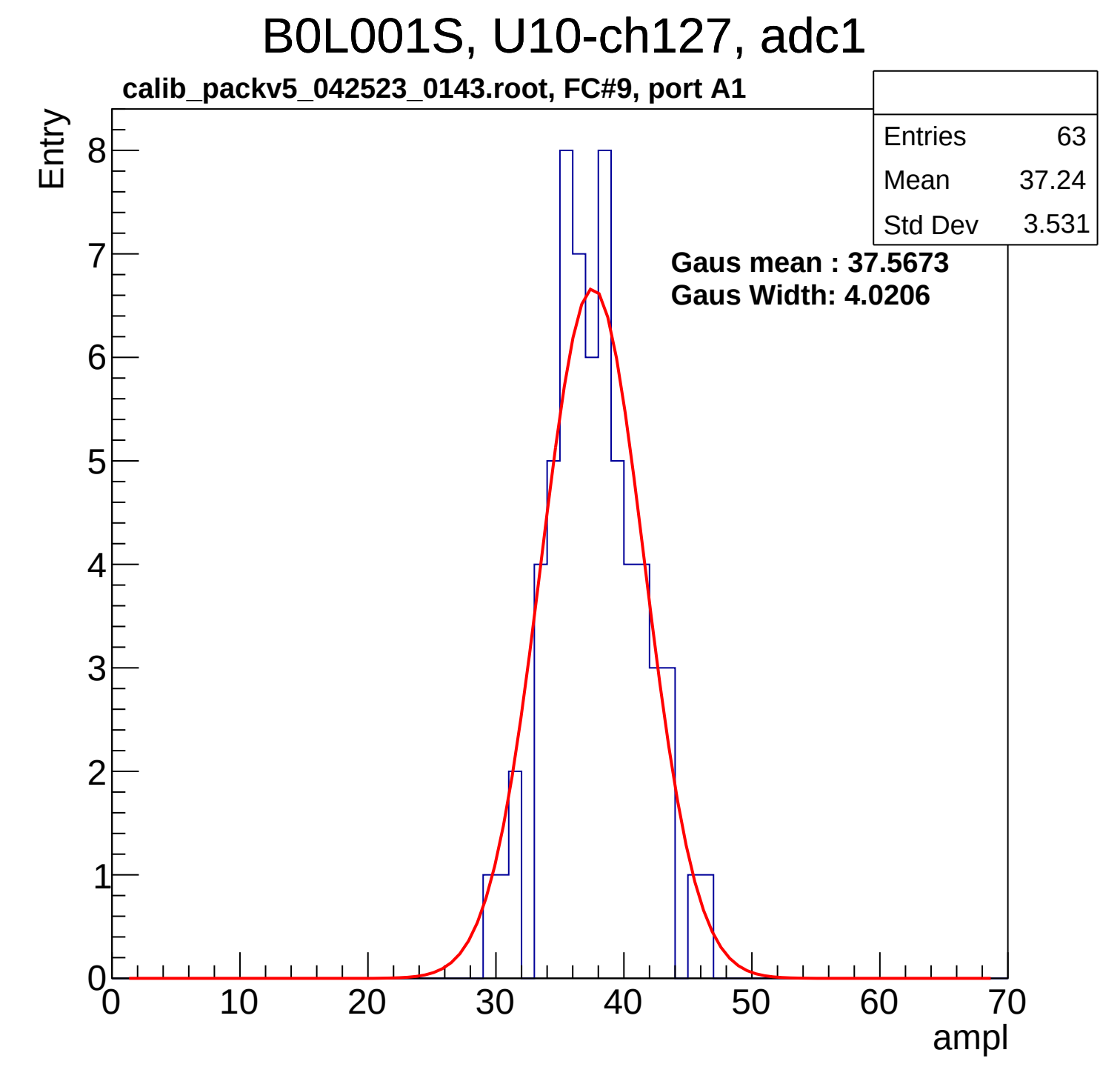
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U10-ch127, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 29
Std Dev 6.774
Gaus mean : 30.2172
Gaus Width: 3.5529
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U10-ch127, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 37.24
Std Dev 3.531
Gaus mean : 37.5673
Gaus Width: 4.0206
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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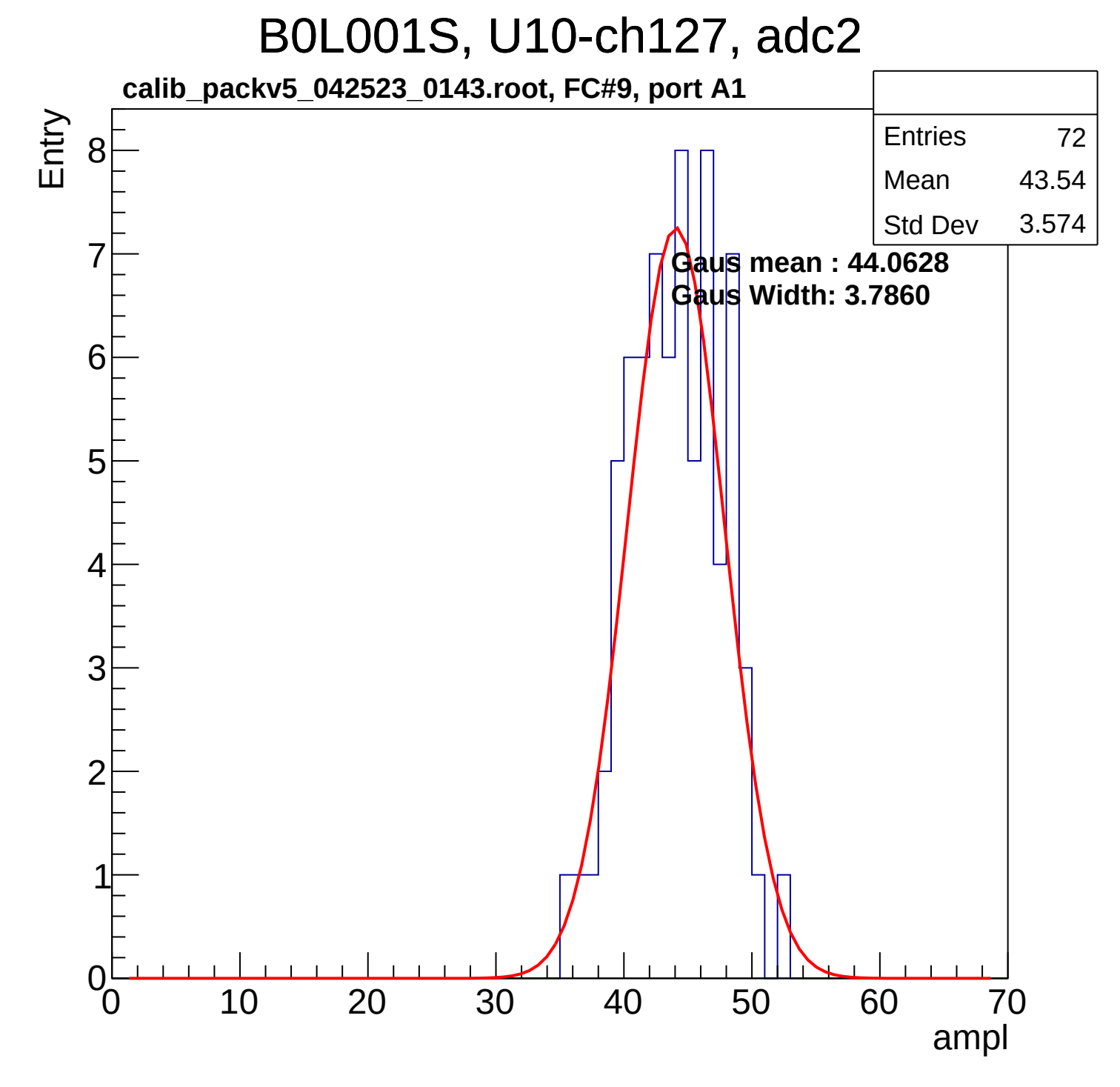
B0L001S, U10-ch127, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 43.54
Std Dev 3.574
Gaus mean : 44.0628
Gaus Width: 3.7860
Entry
ampl
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2
3
4
5
6
7
8
0
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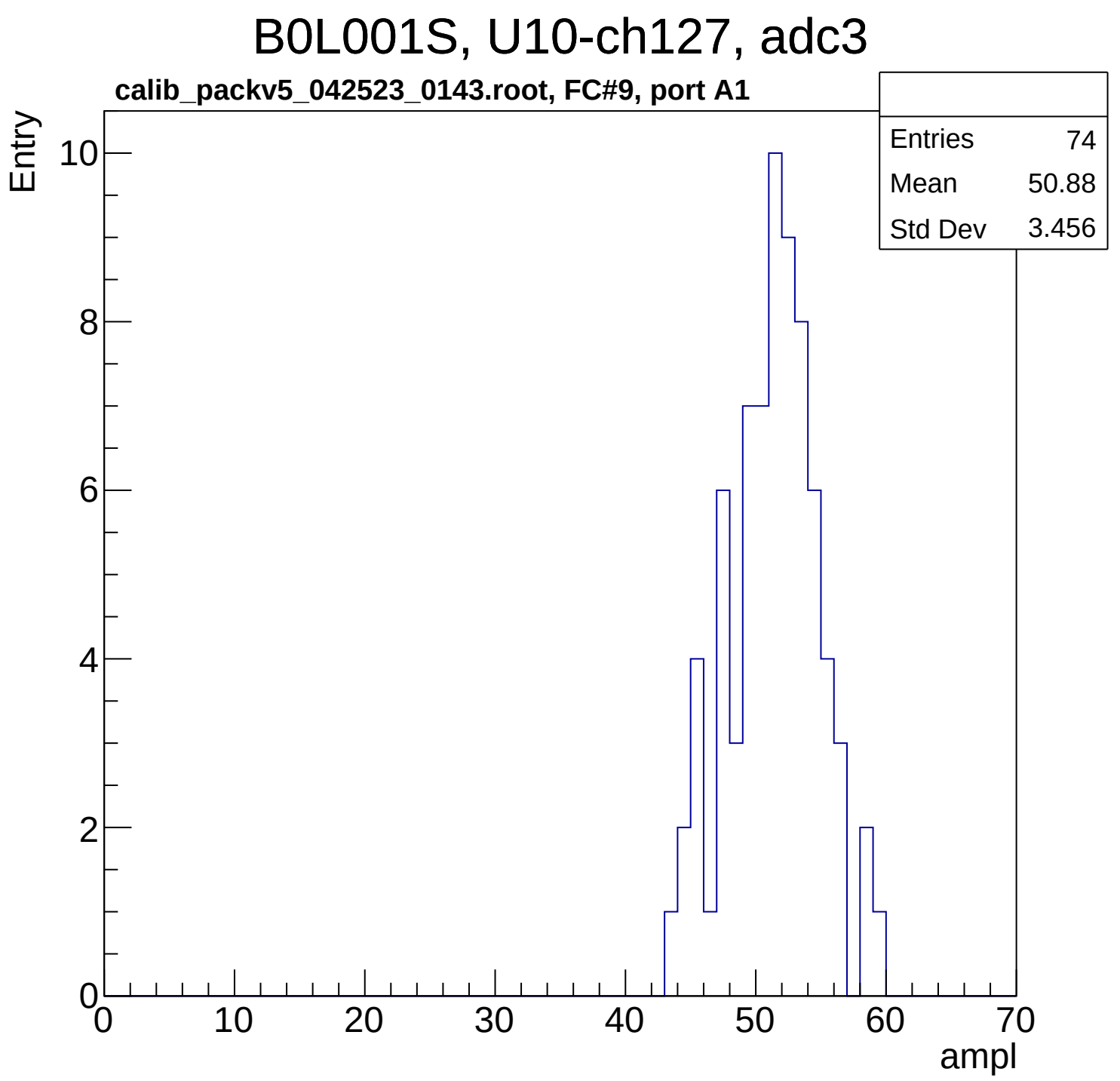
B0L001S, U10-ch127, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 50.88
Std Dev 3.456
Entry
ampl
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4
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0
10
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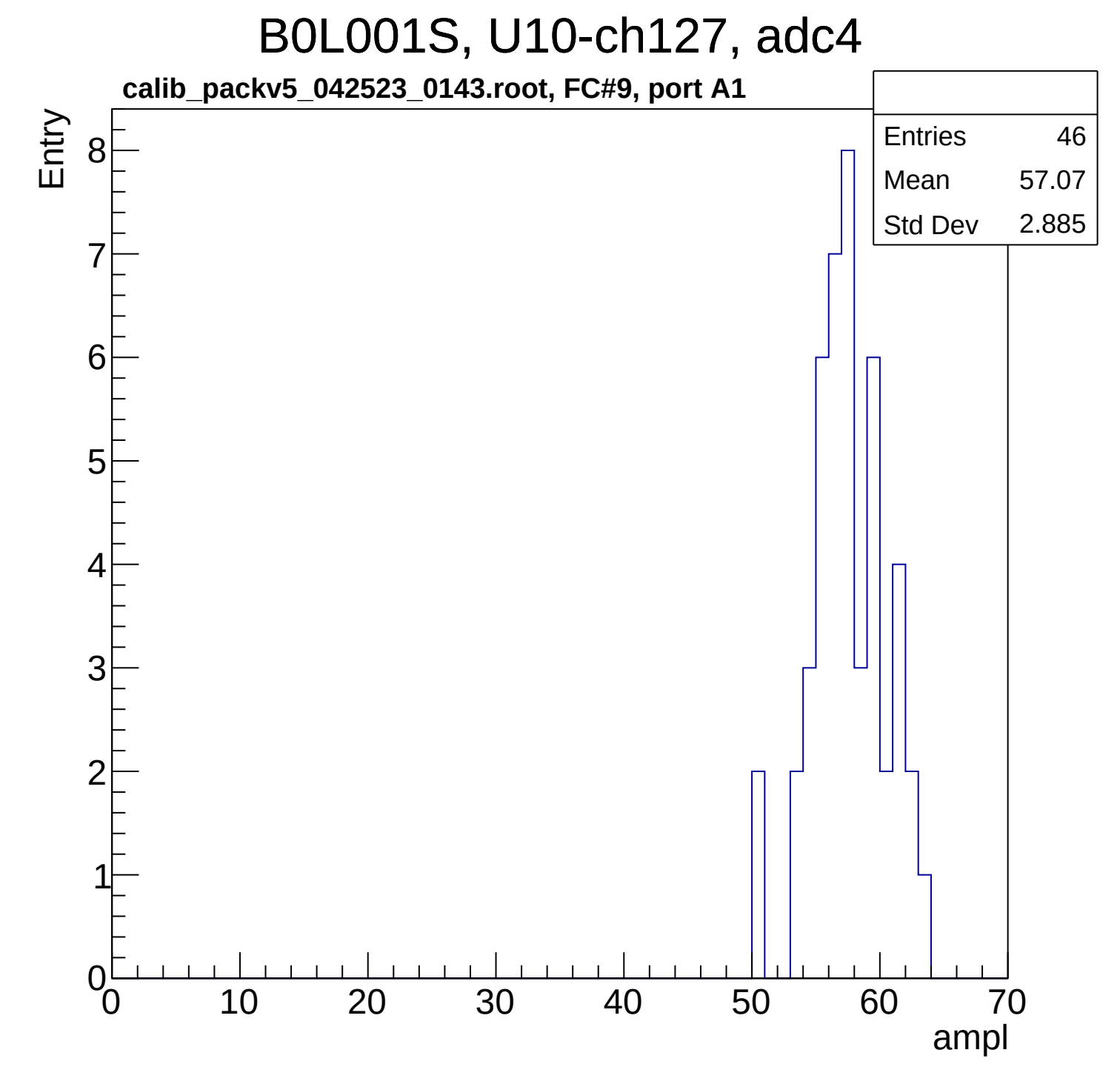
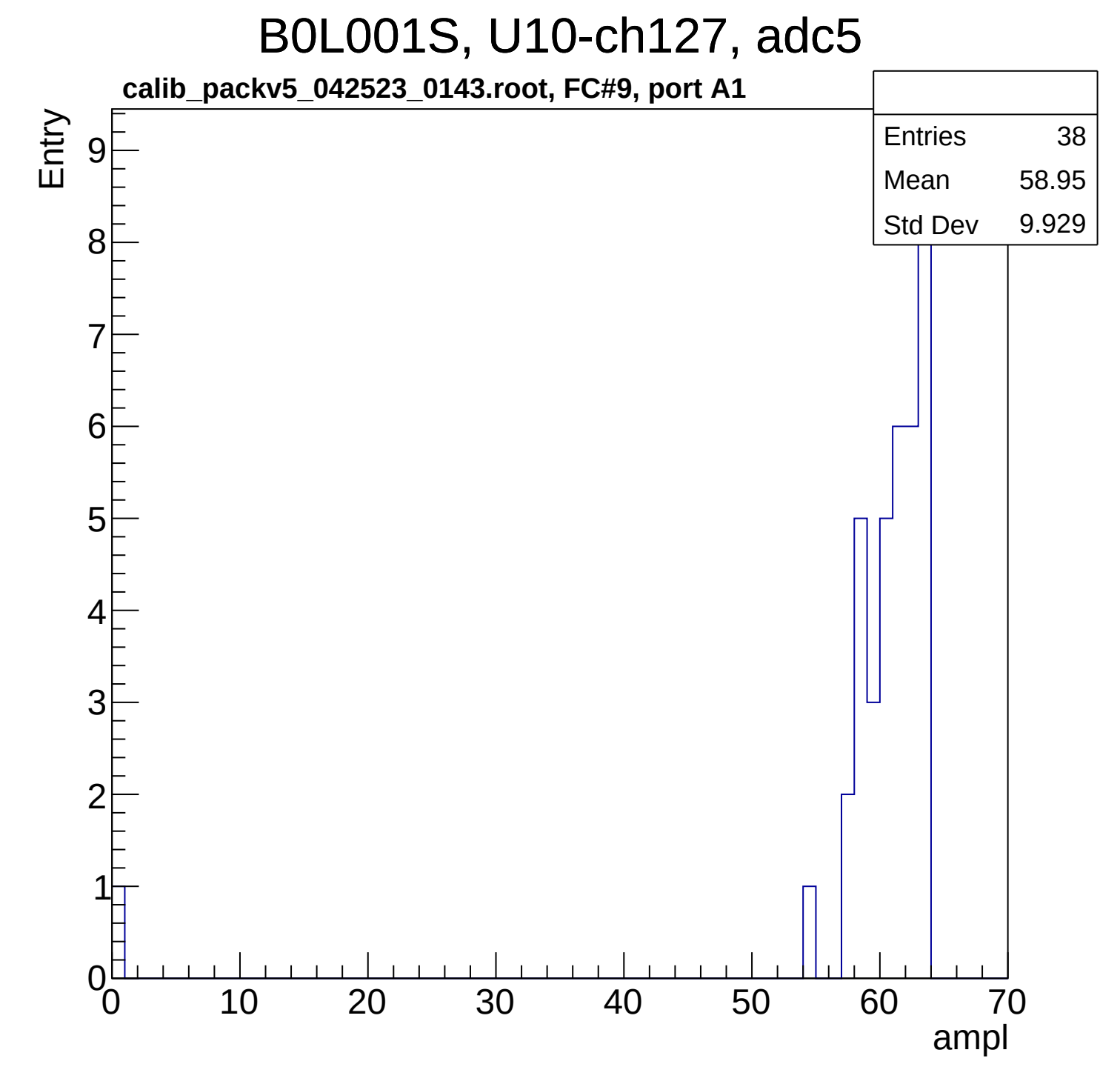
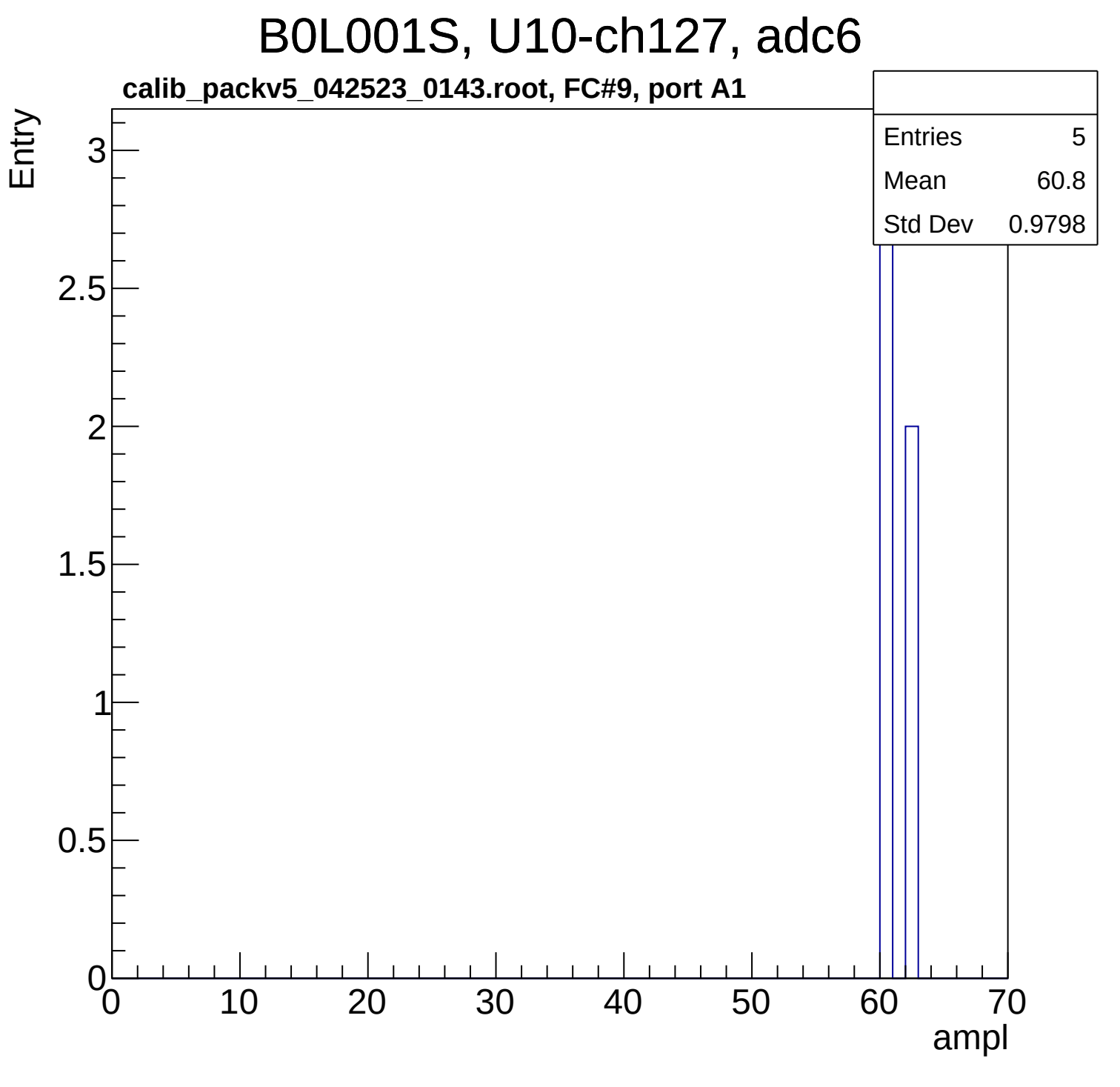
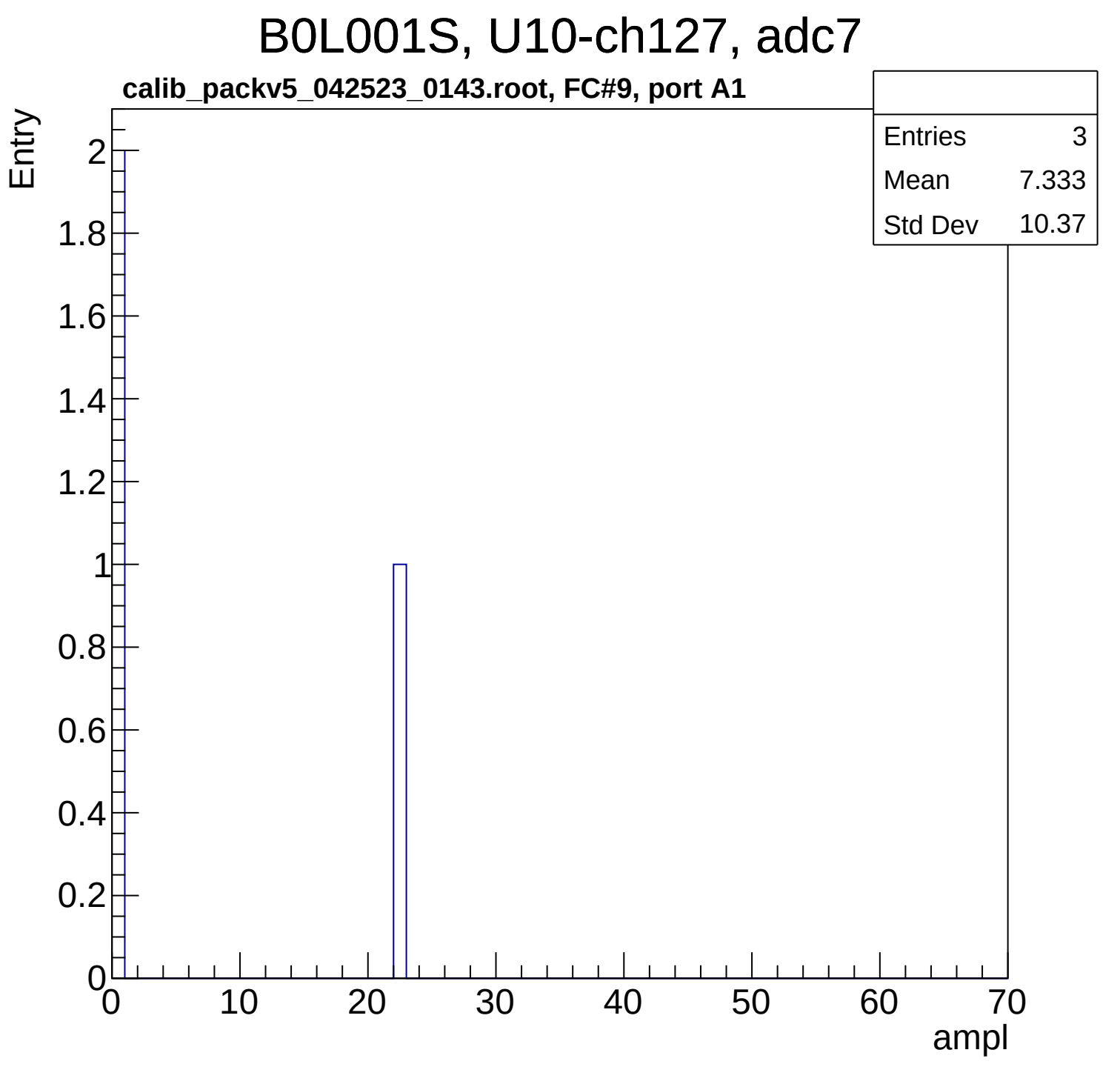
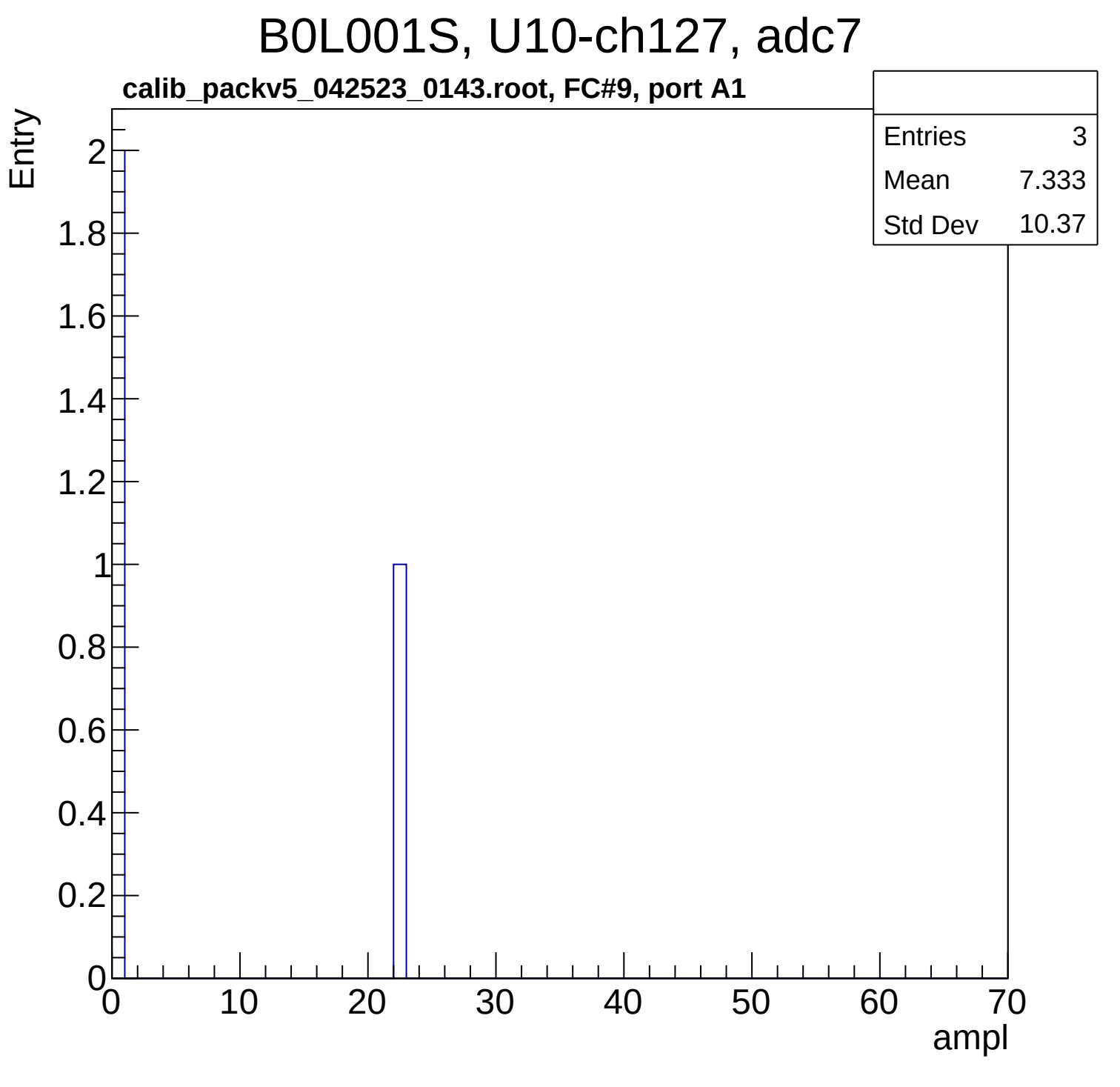
40
50
60
70


B0L001S, U10-ch127, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 57.07
Std Dev 2.885
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U10-ch127, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.95
Std Dev 9.929
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U10-ch127, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 60.8
Std Dev 0.9798
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U10-ch127, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U10-ch127, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70