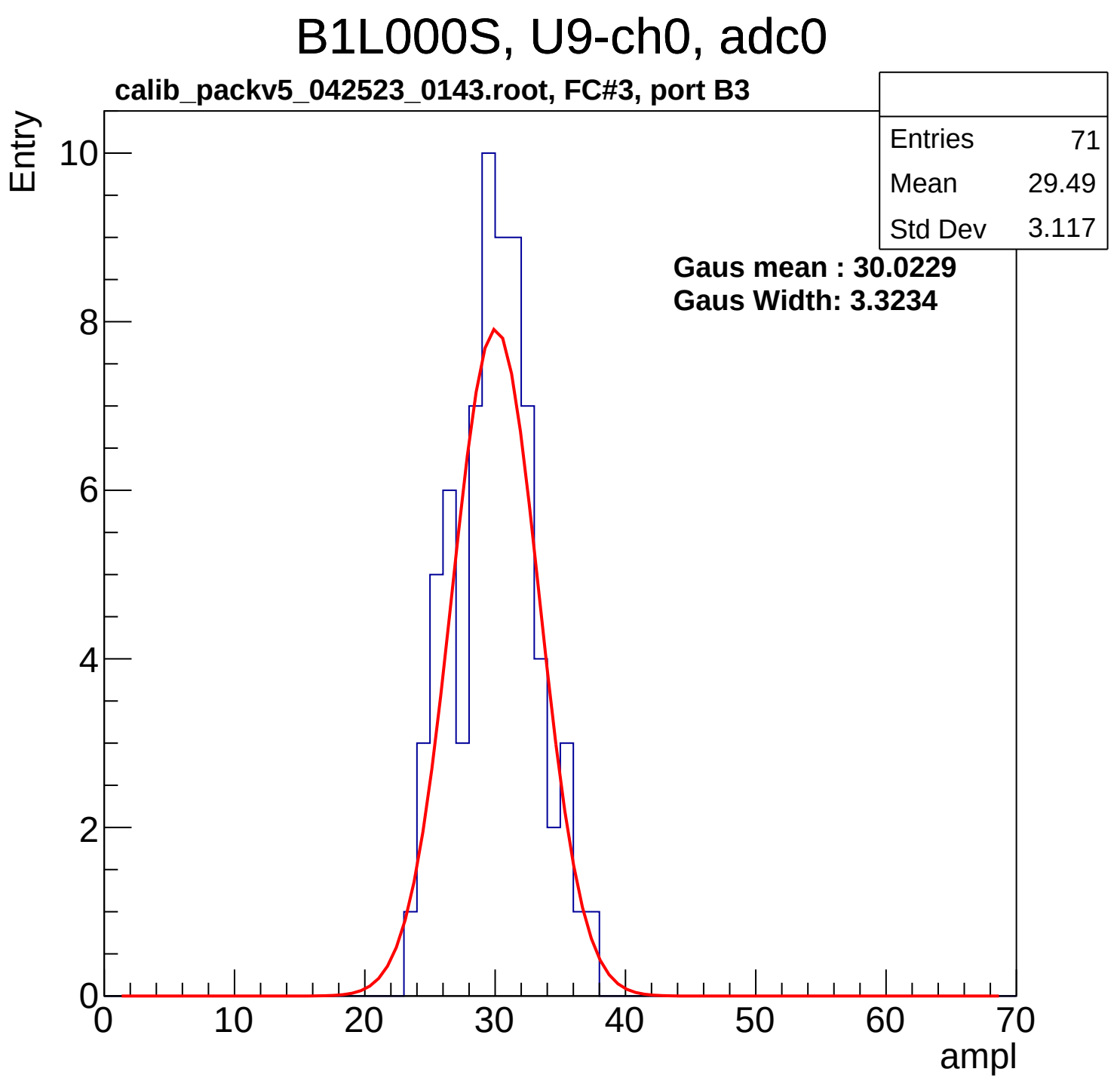
B1L000S, U9-ch0, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.49
Std Dev 3.117
Gaus mean : 30.0229
Gaus Width: 3.3234
Entry
ampl
0
2
4
6
8
10
0
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30
40
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60
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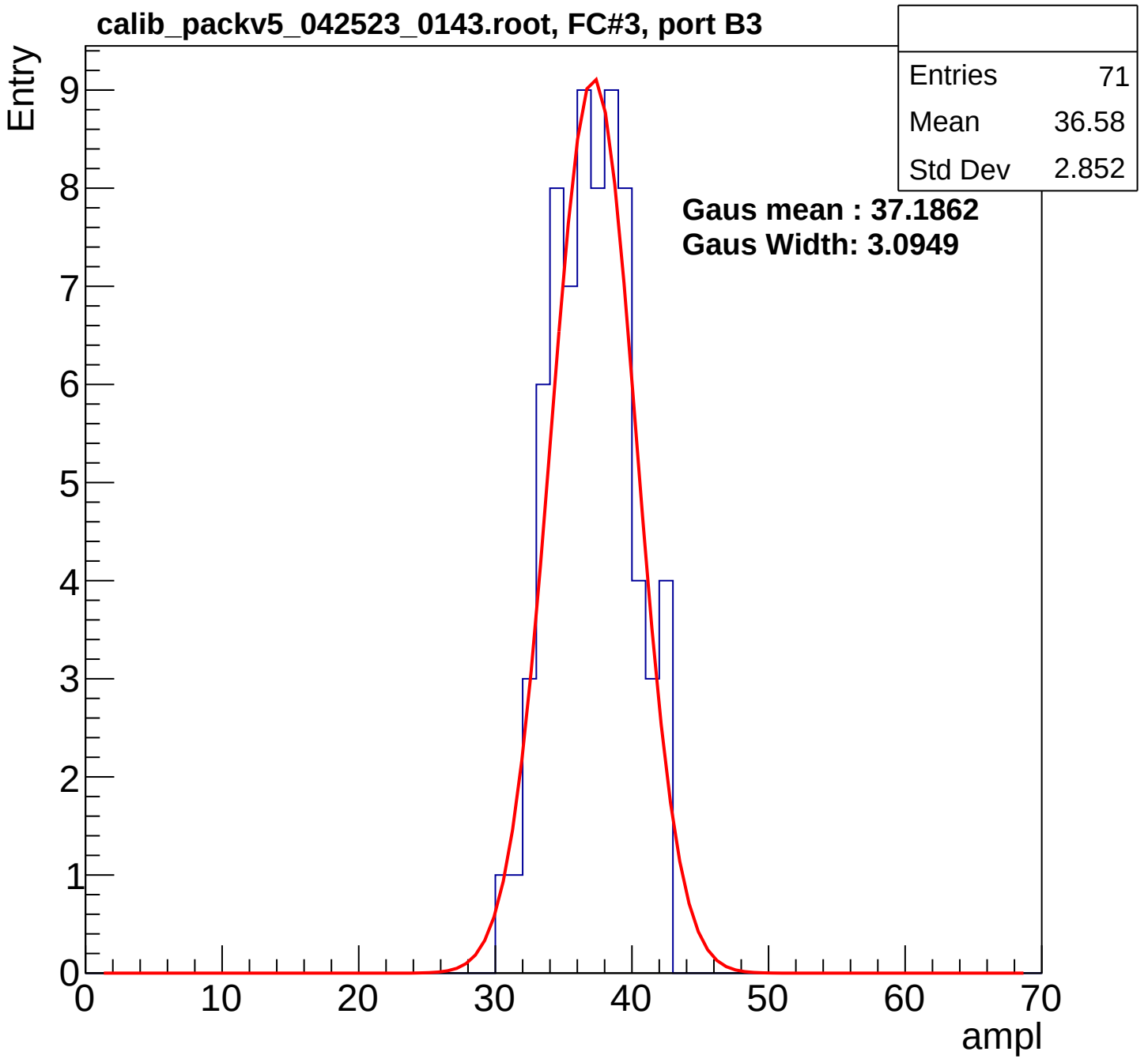
B1L000S, U9-ch0, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 36.58
Std Dev 2.852
Gaus mean : 37.1862
Gaus Width: 3.0949
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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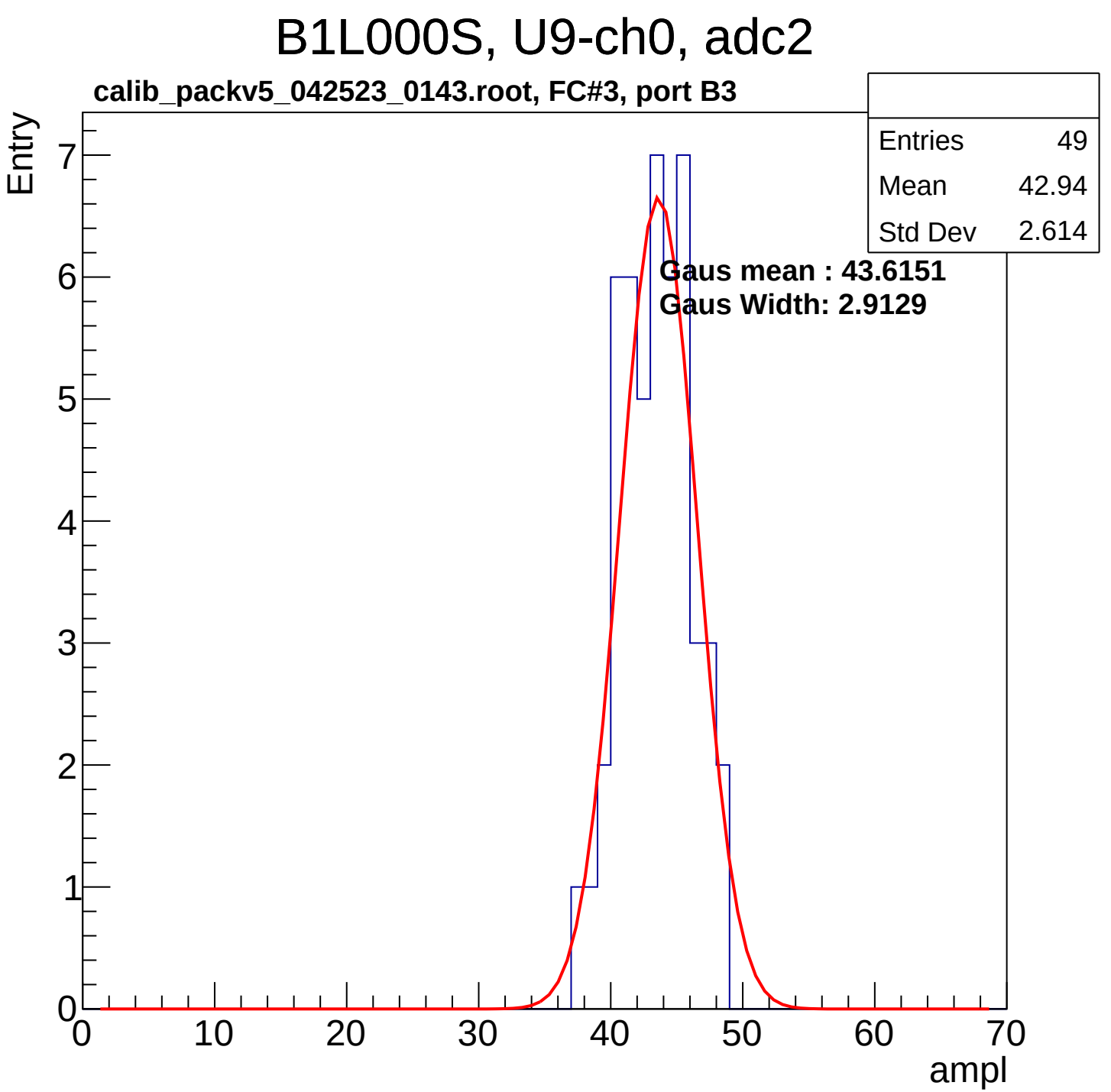
B1L000S, U9-ch0, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 42.94
Std Dev 2.614
Gaus mean : 43.6151
Gaus Width: 2.9129
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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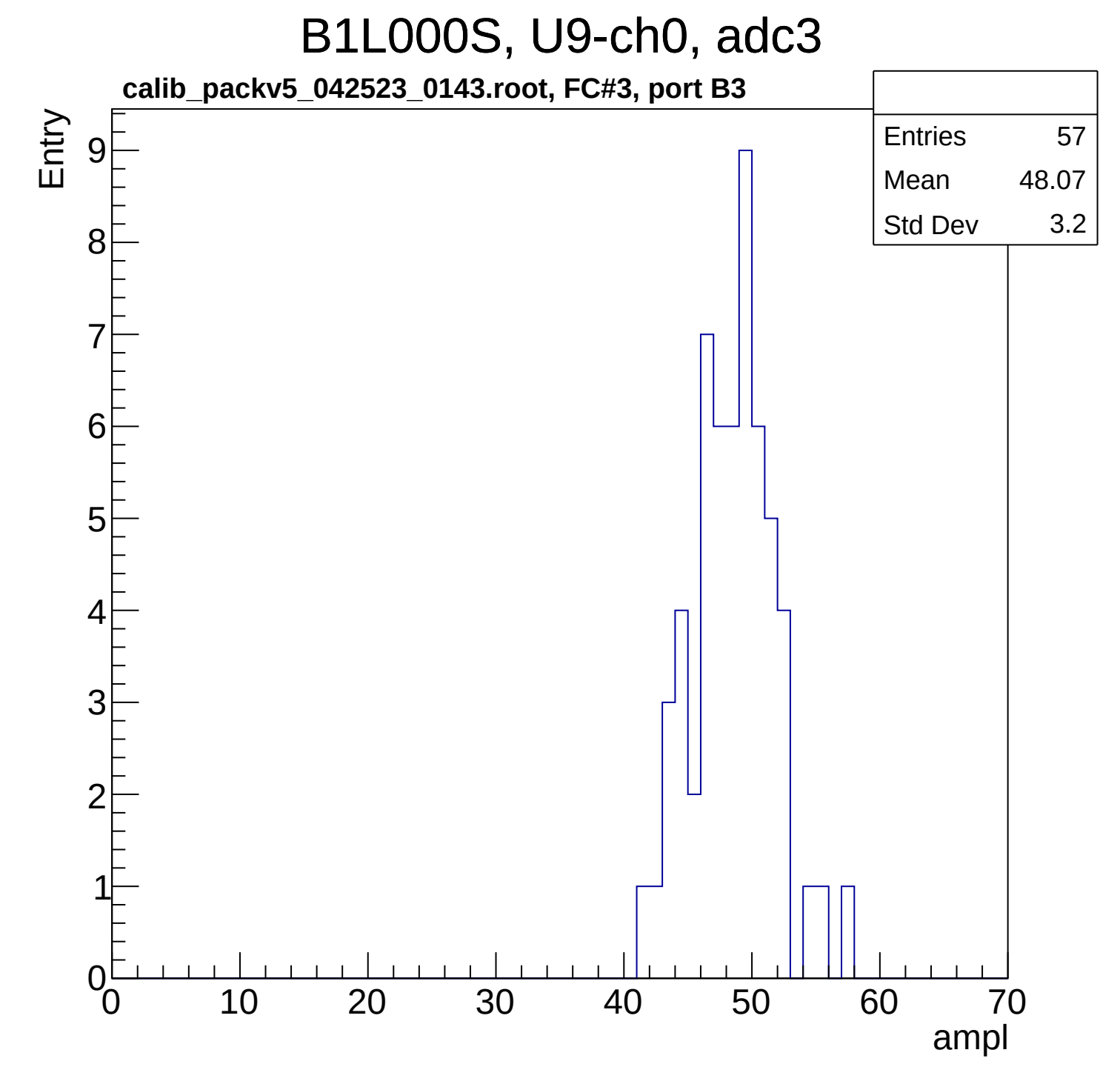
B1L000S, U9-ch0, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 48.07
Std Dev 3.2
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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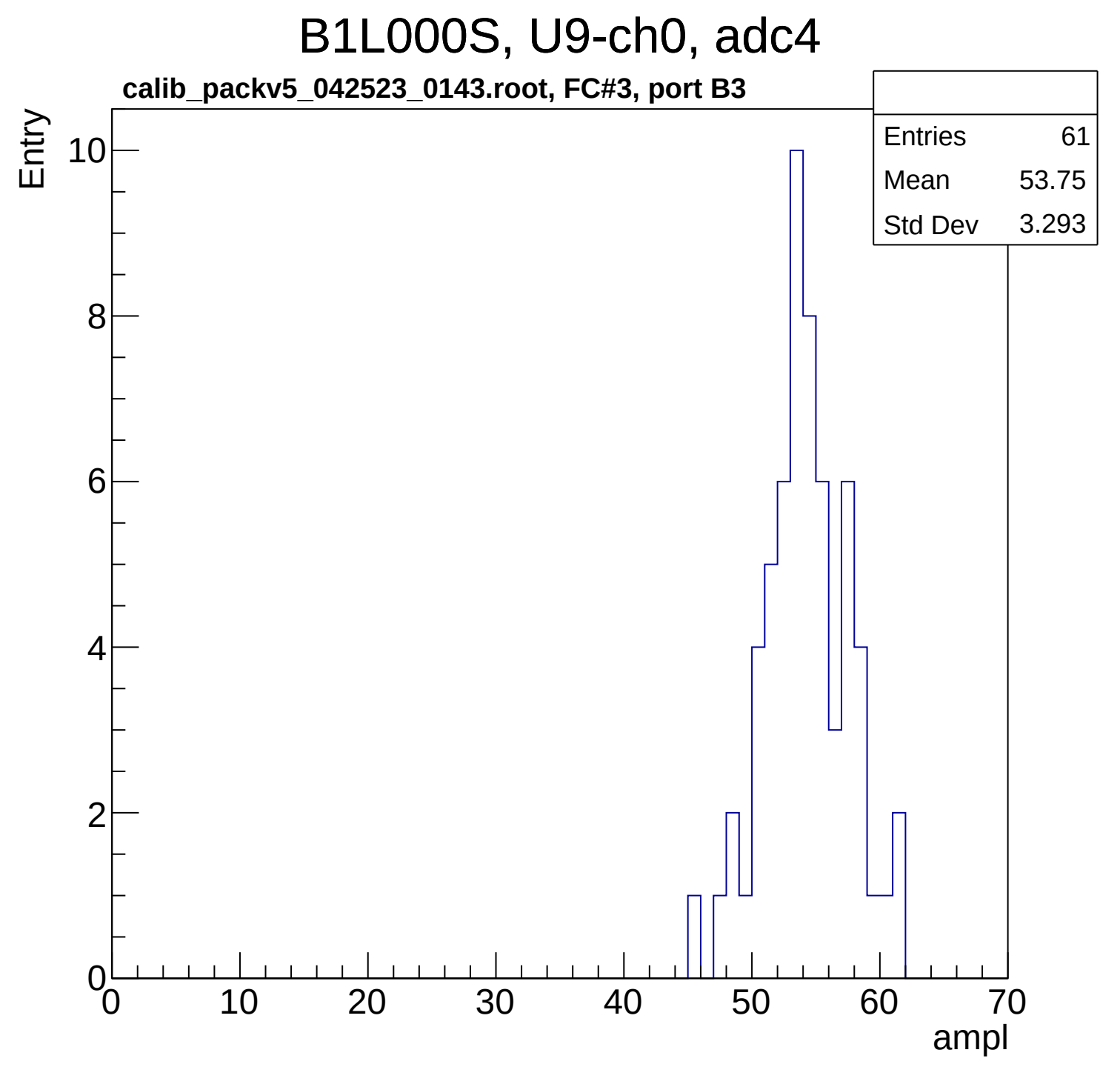
B1L000S, U9-ch0, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.75
Std Dev 3.293
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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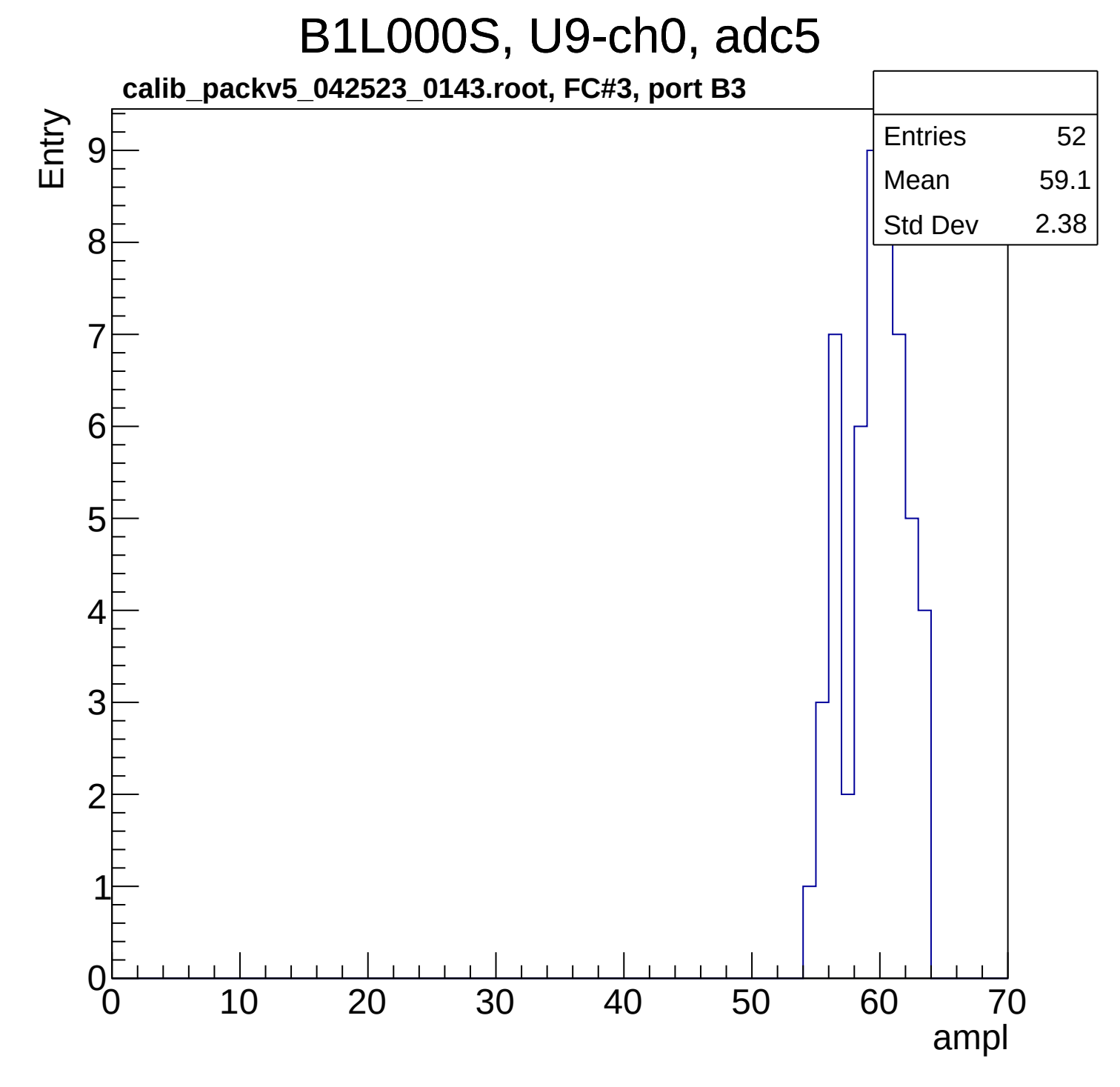
B1L000S, U9-ch0, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.1
Std Dev 2.38
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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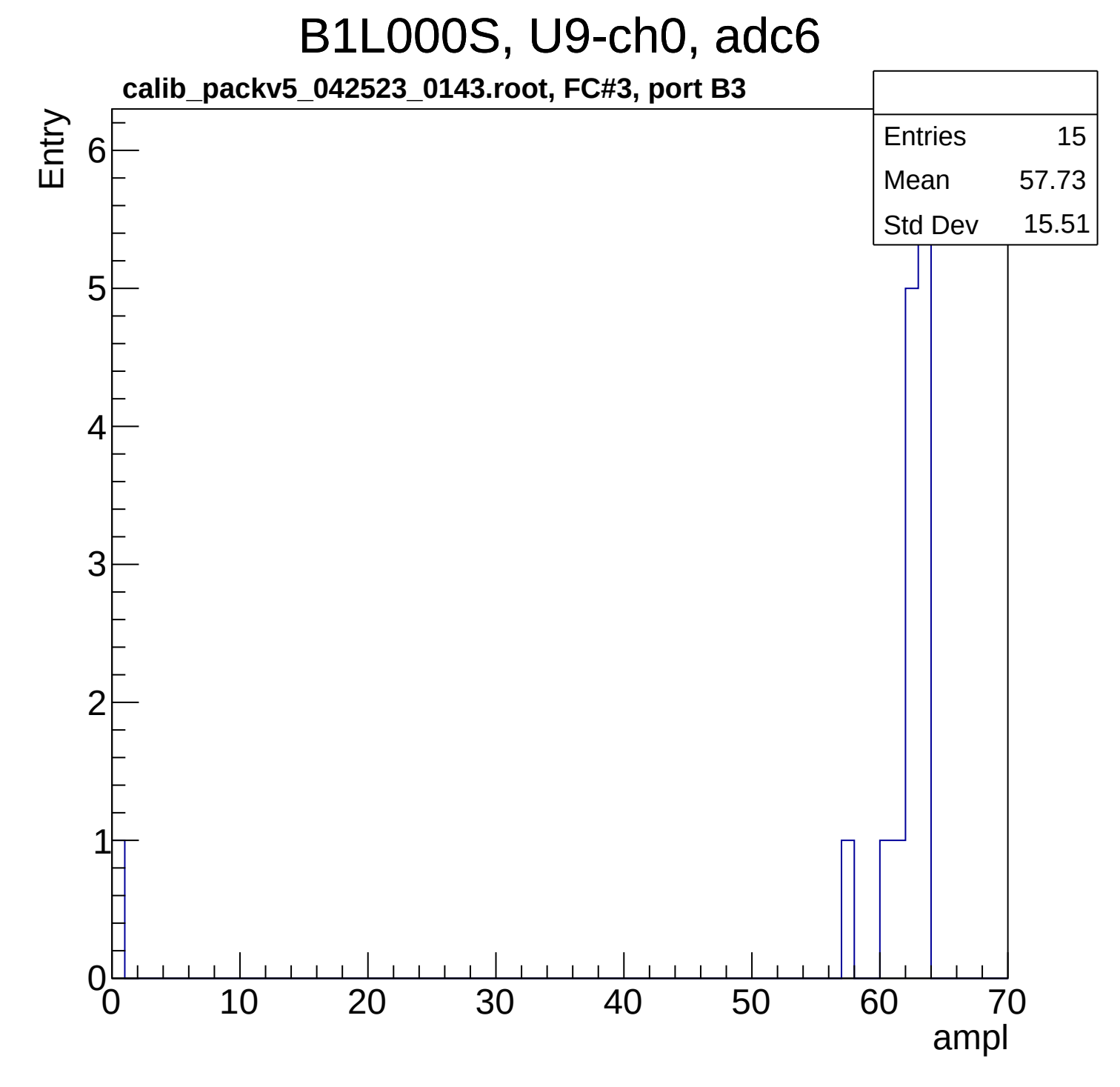
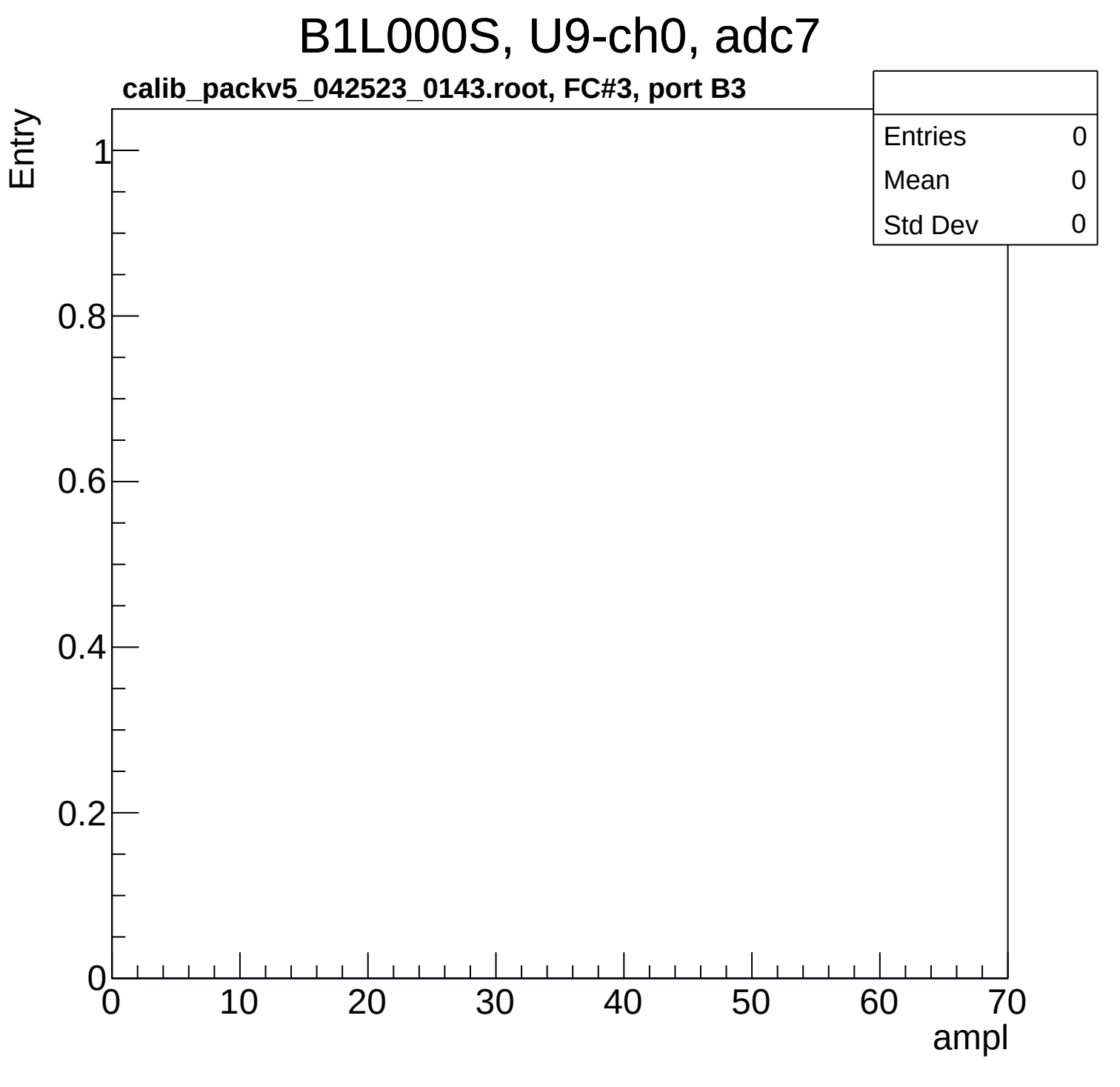
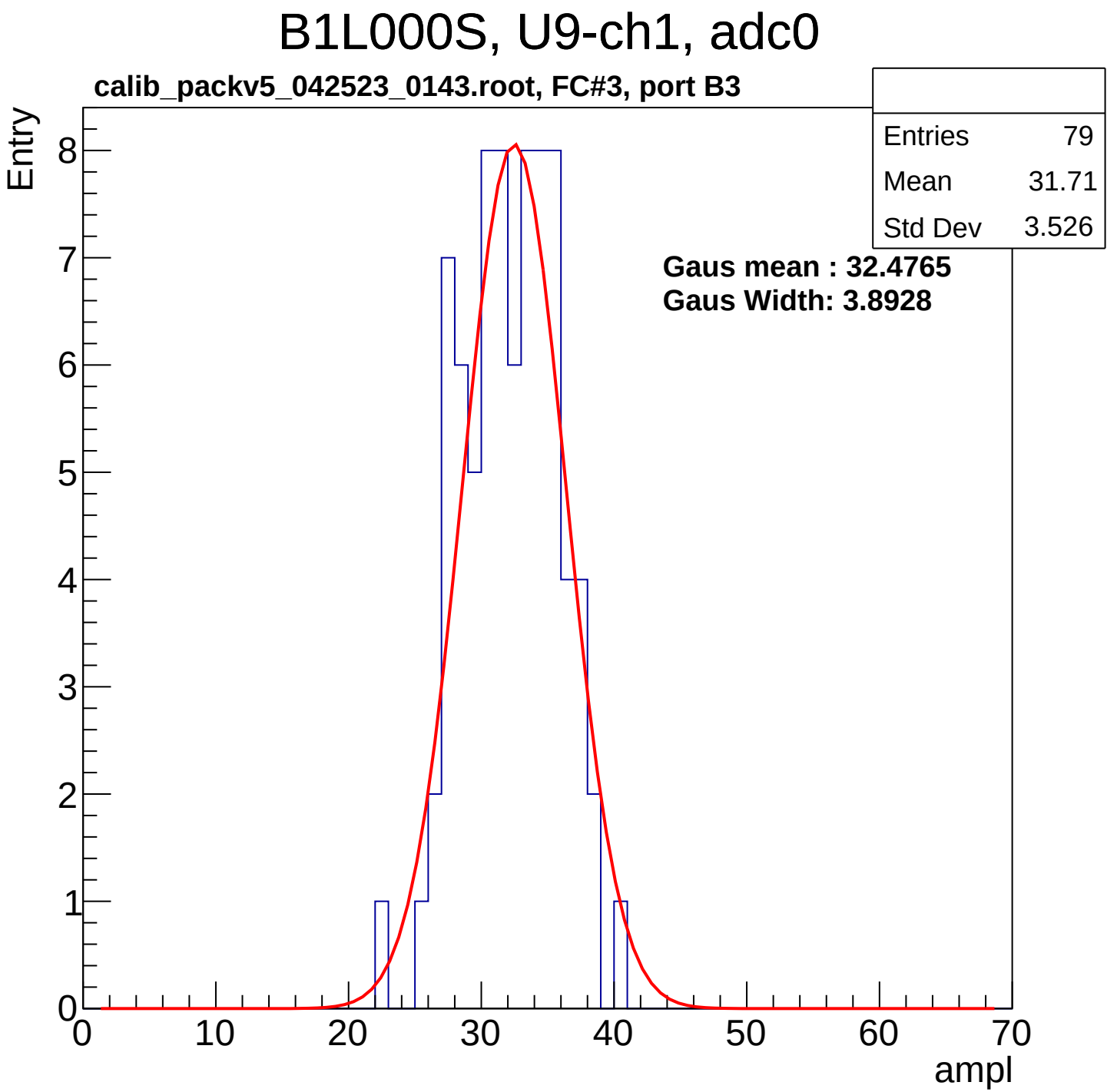
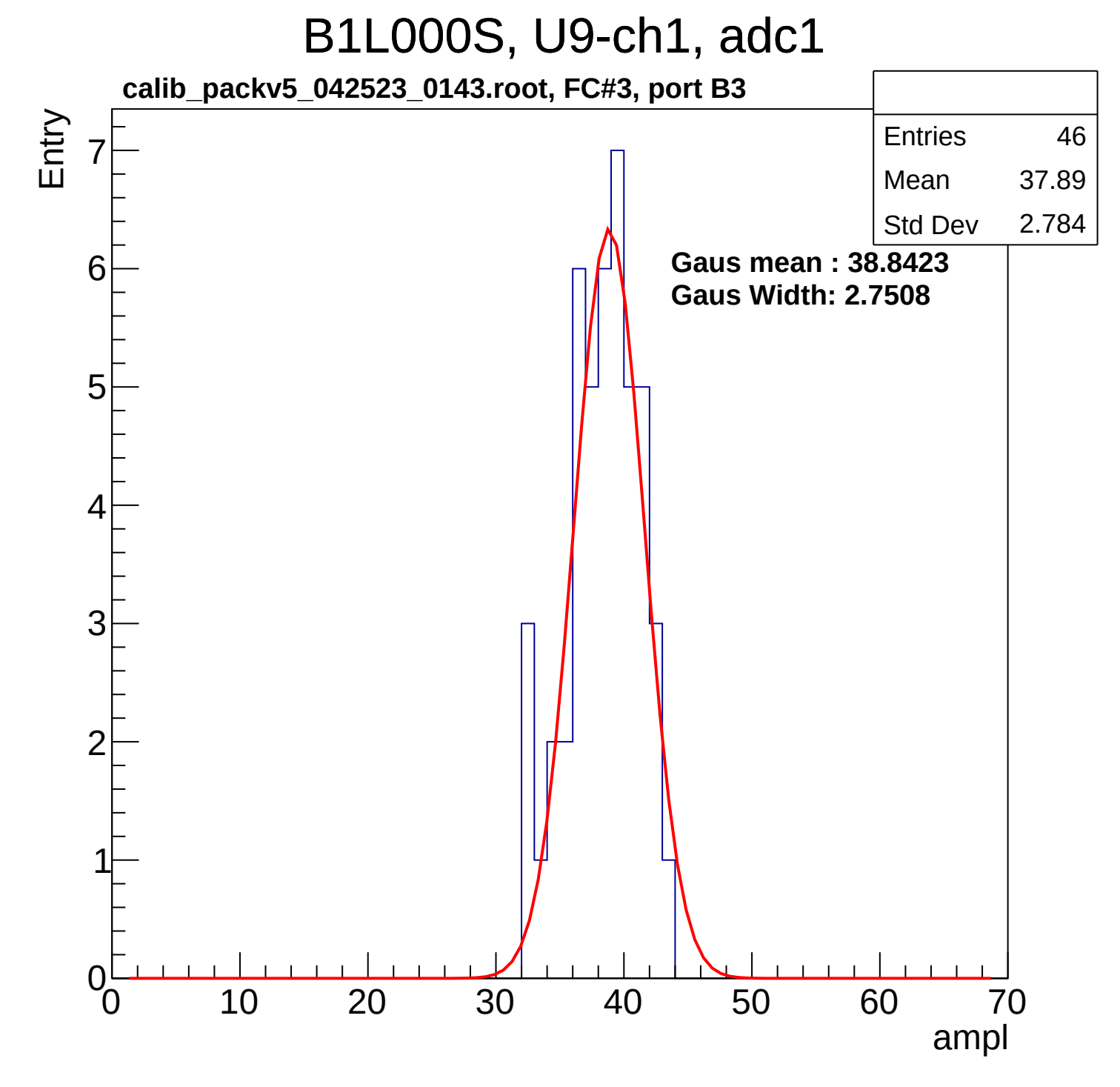

B1L000S, U9-ch0, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.73
Std Dev 15.51
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U9-ch0, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch1, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 31.71
Std Dev 3.526
Gaus mean : 32.4765
Gaus Width: 3.8928
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch1, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 37.89
Std Dev 2.784
Gaus mean : 38.8423
Gaus Width: 2.7508
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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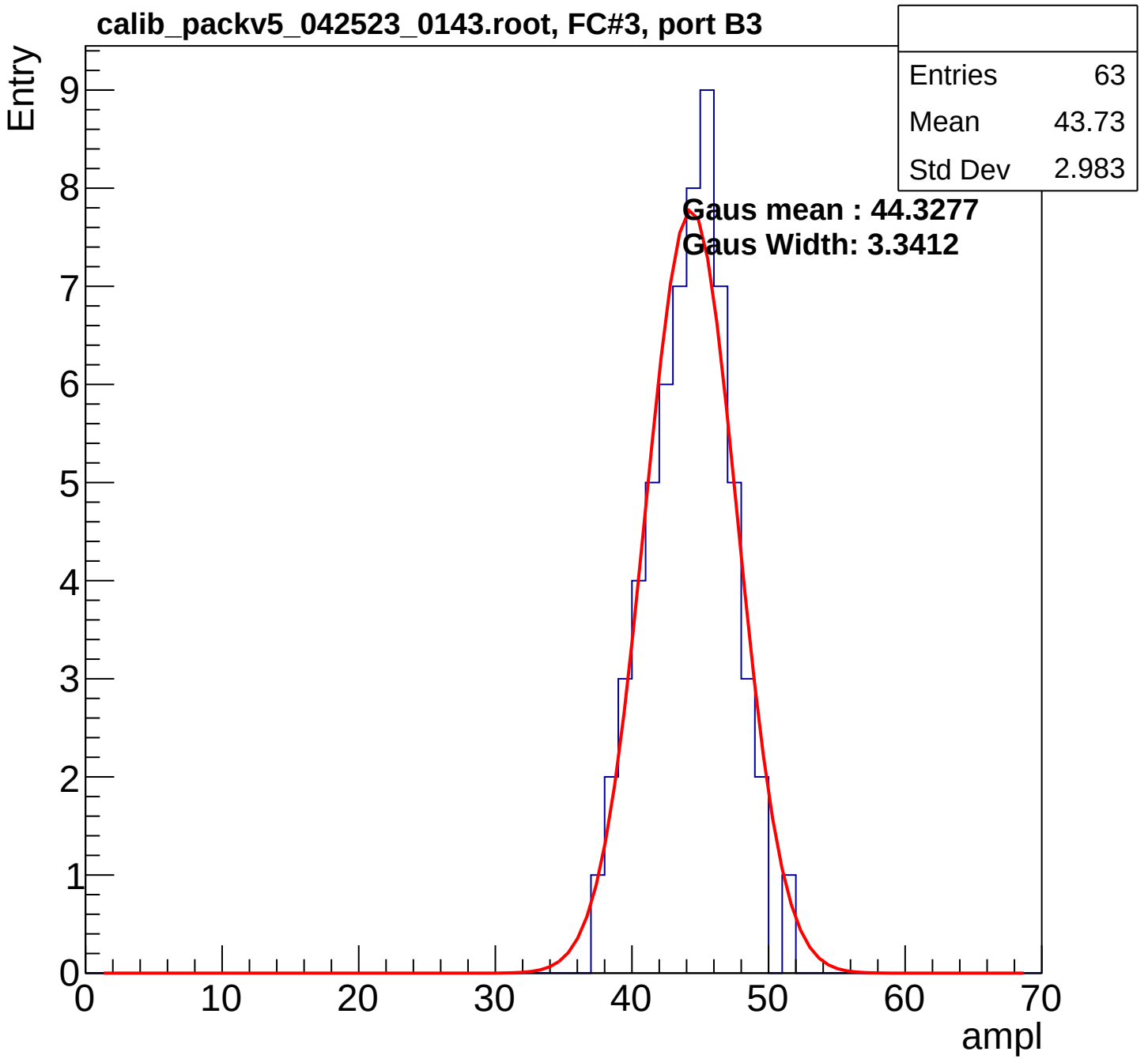
B1L000S, U9-ch1, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 43.73
Std Dev 2.983
Gaus mean : 44.3277
Gaus Width: 3.3412
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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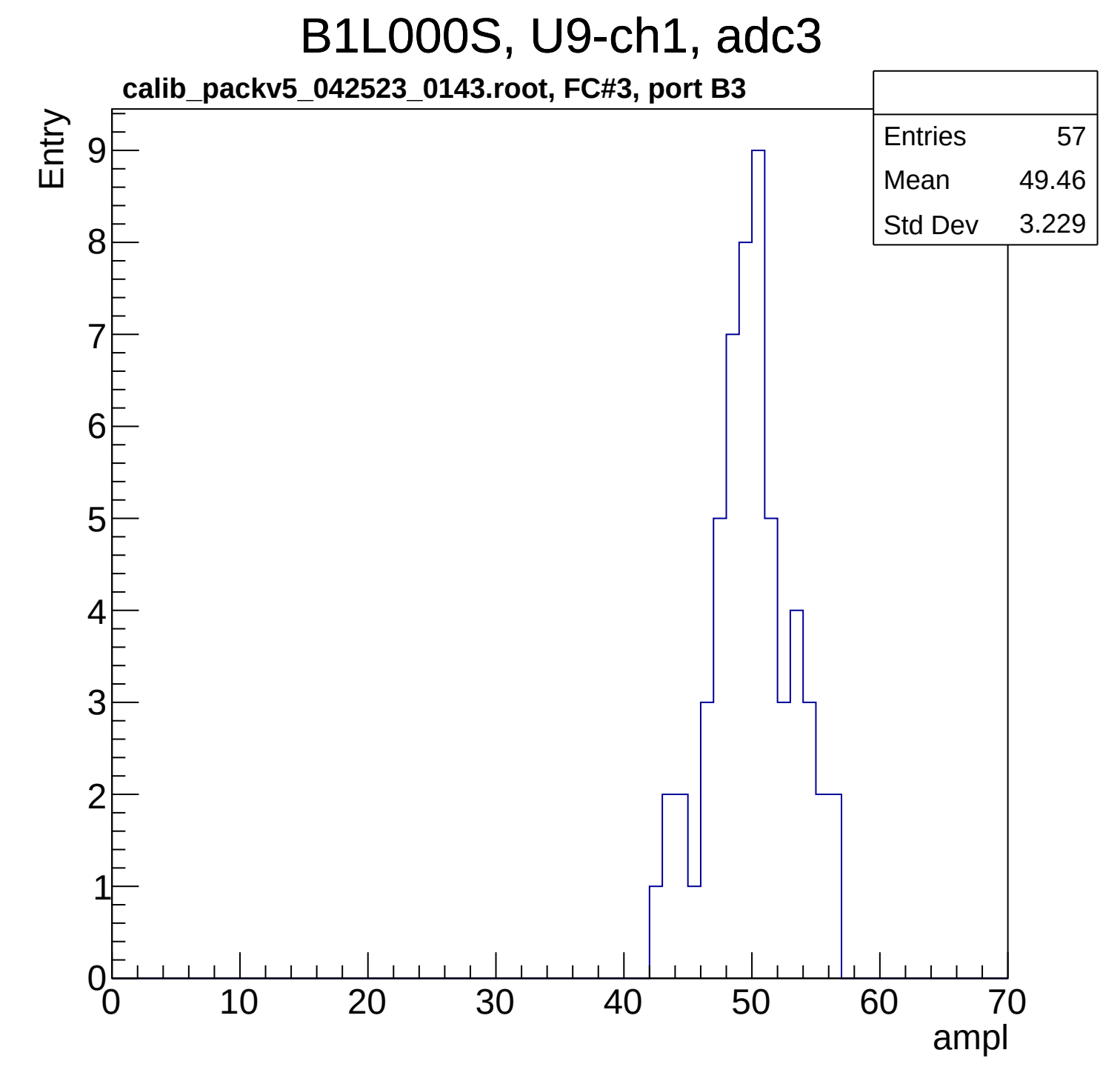
B1L000S, U9-ch1, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 49.46
Std Dev 3.229
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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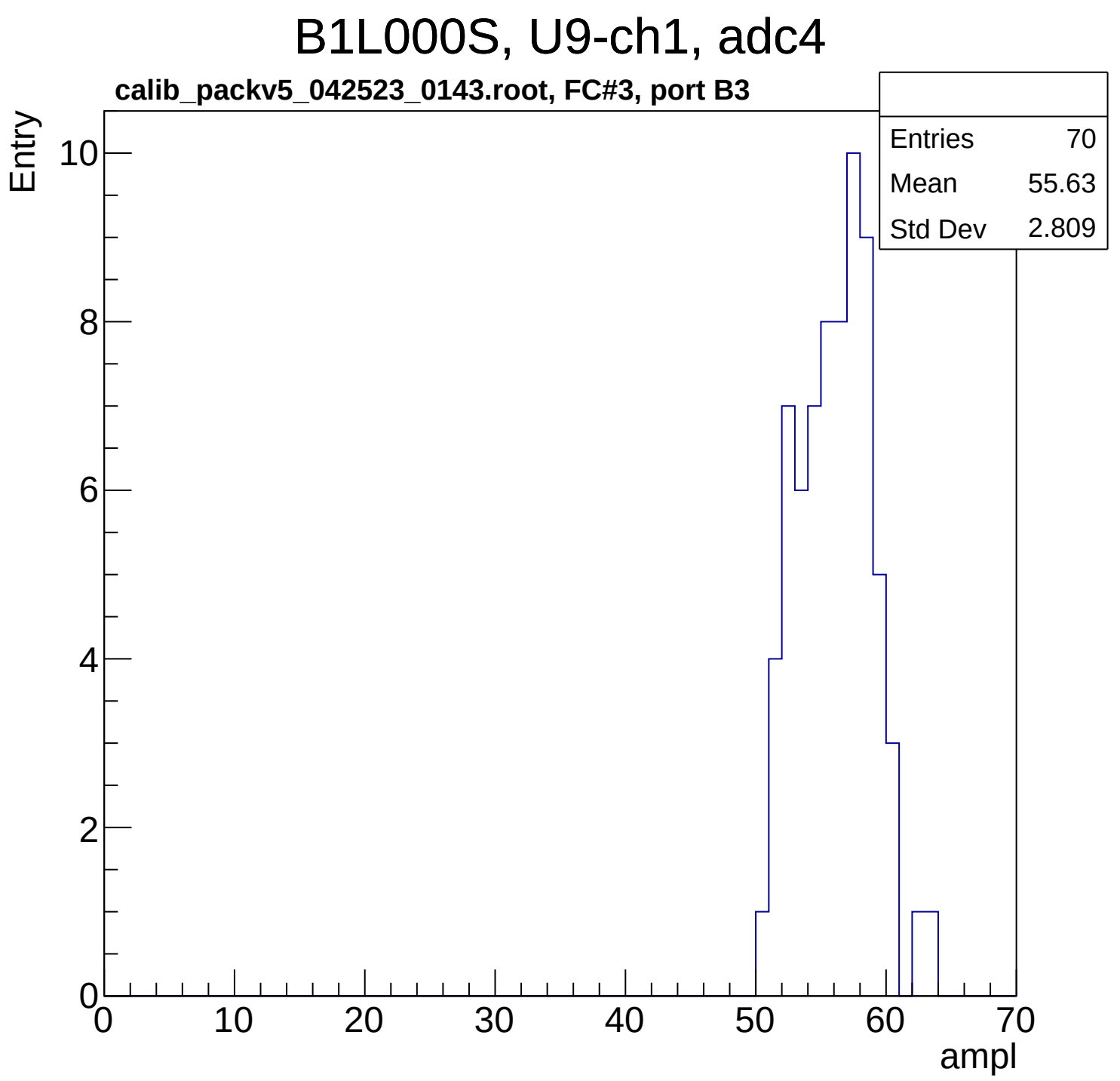
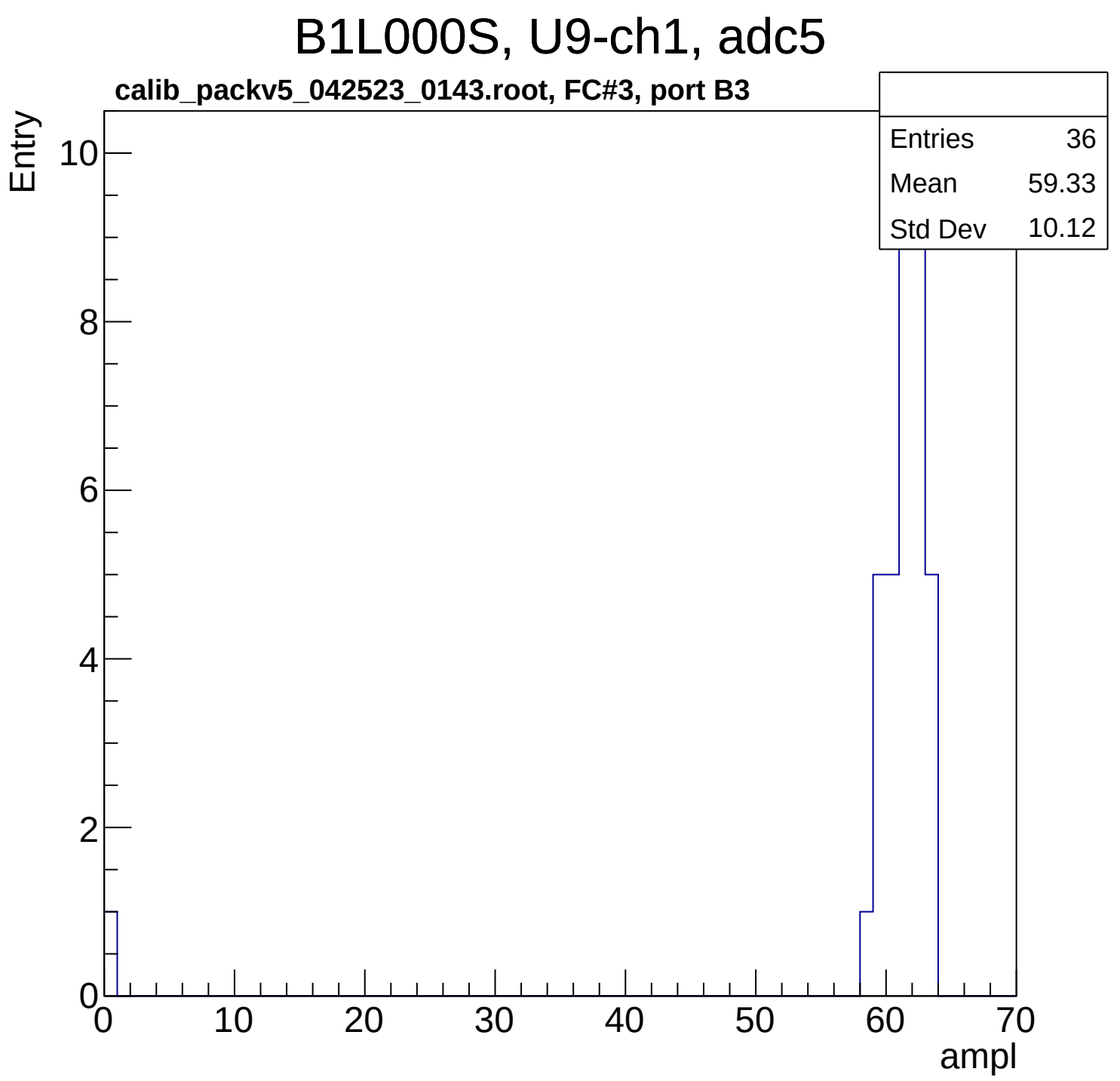
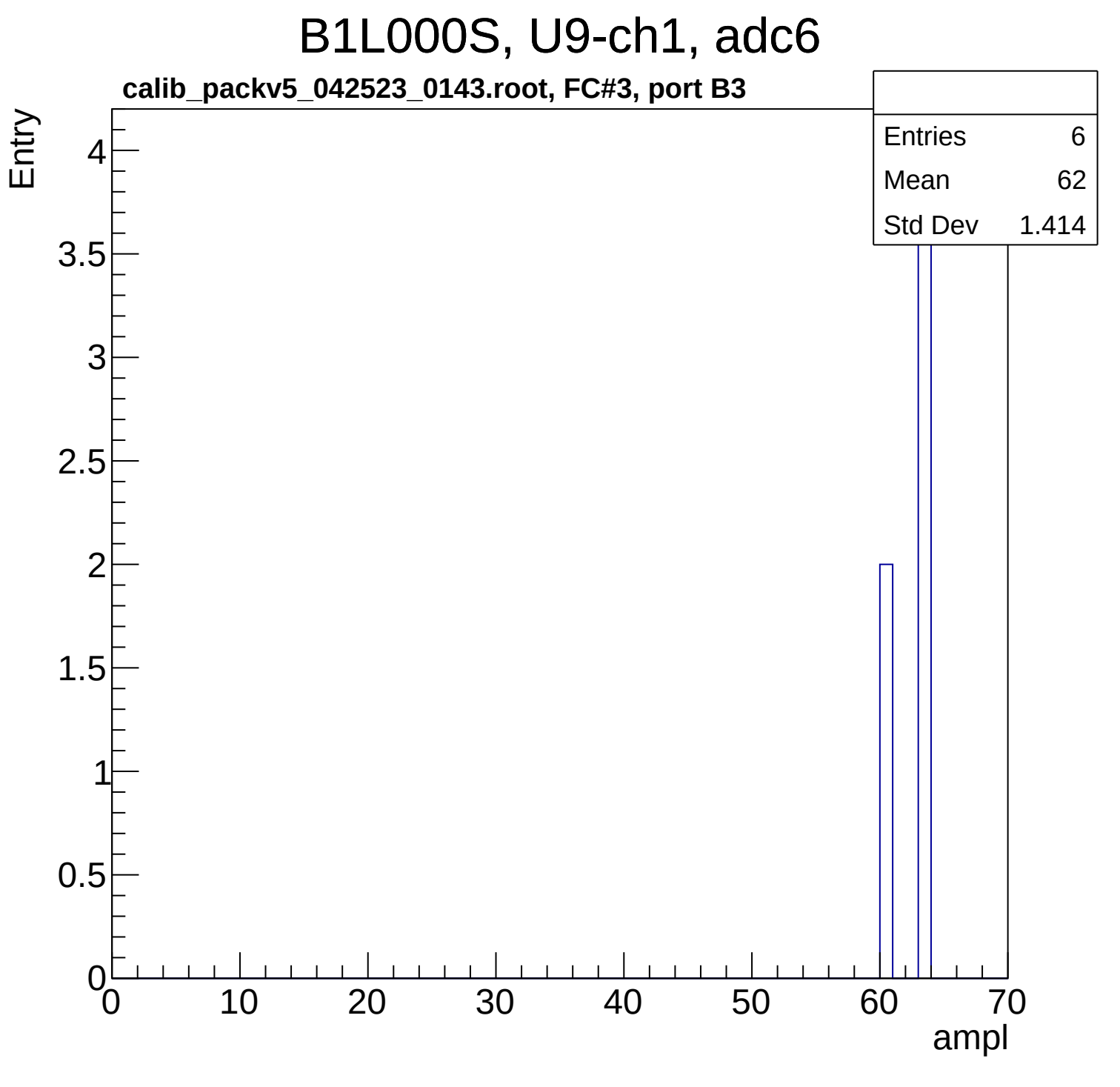
40
50
60
70


B1L000S, U9-ch1, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 55.63
Std Dev 2.809
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch1, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 36
Mean 59.33
Std Dev 10.12
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch1, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 62
Std Dev 1.414
Entry
ampl
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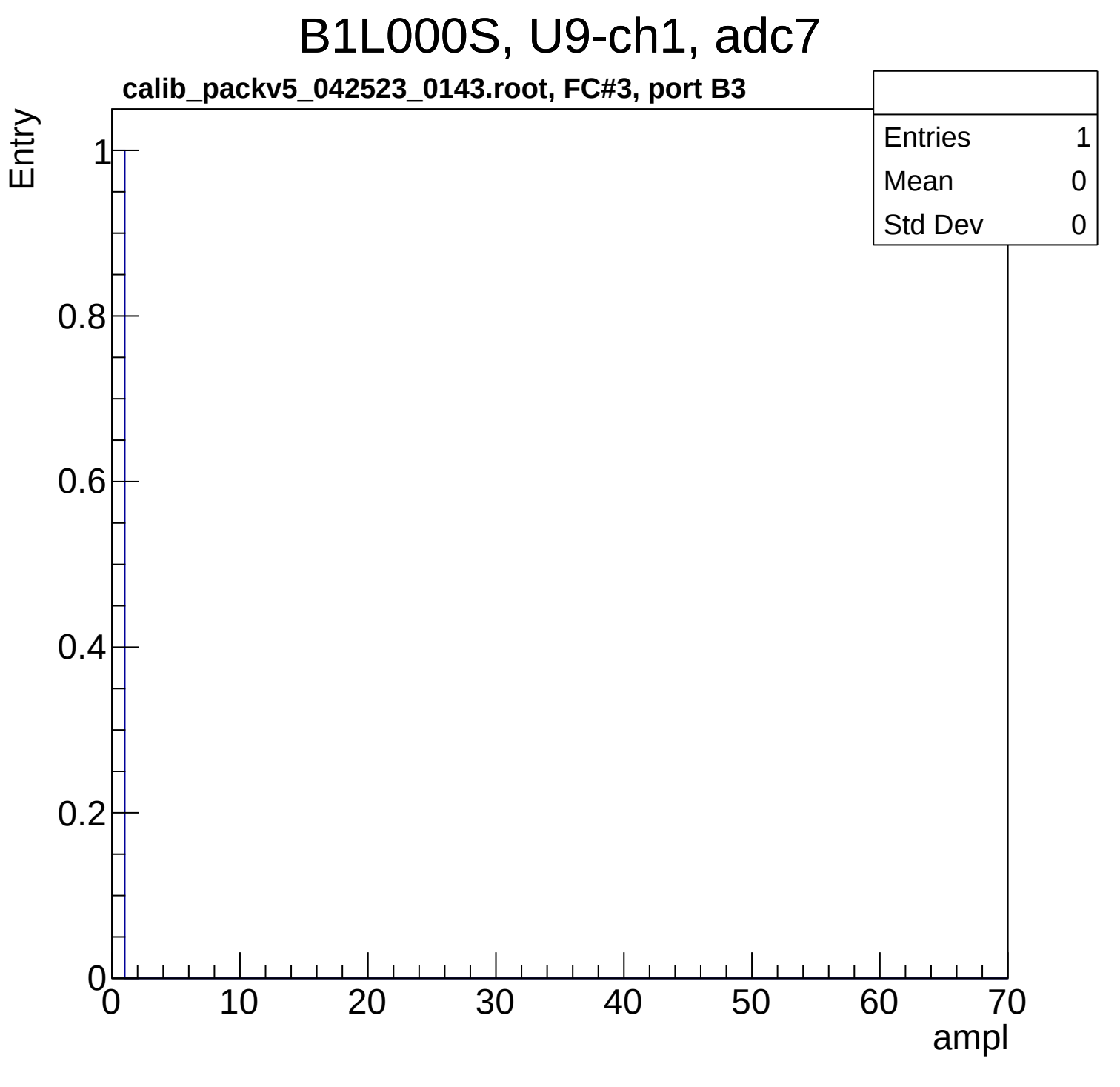
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U9-ch1, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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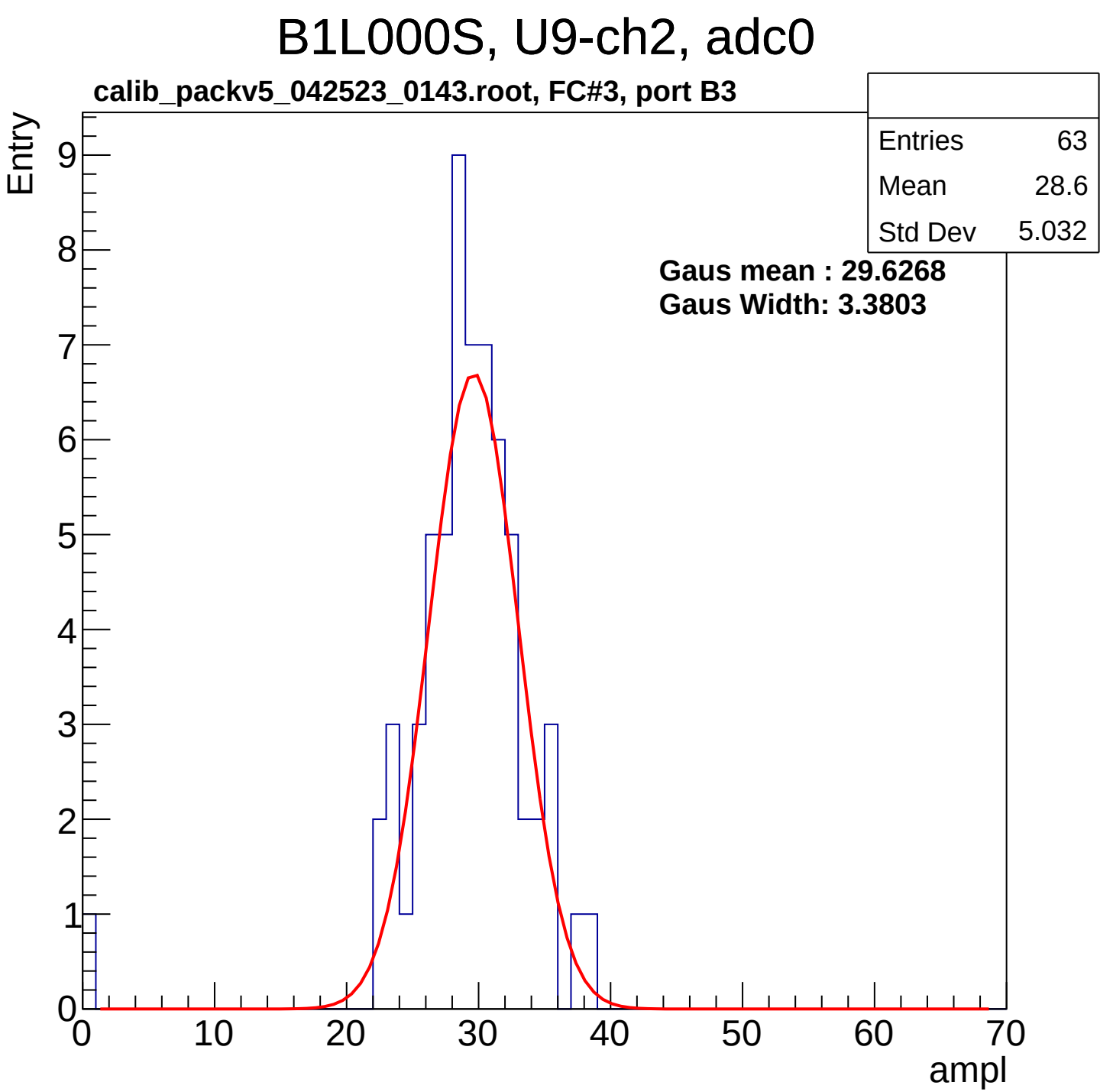
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch2, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.6
Std Dev 5.032
Gaus mean : 29.6268
Gaus Width: 3.3803
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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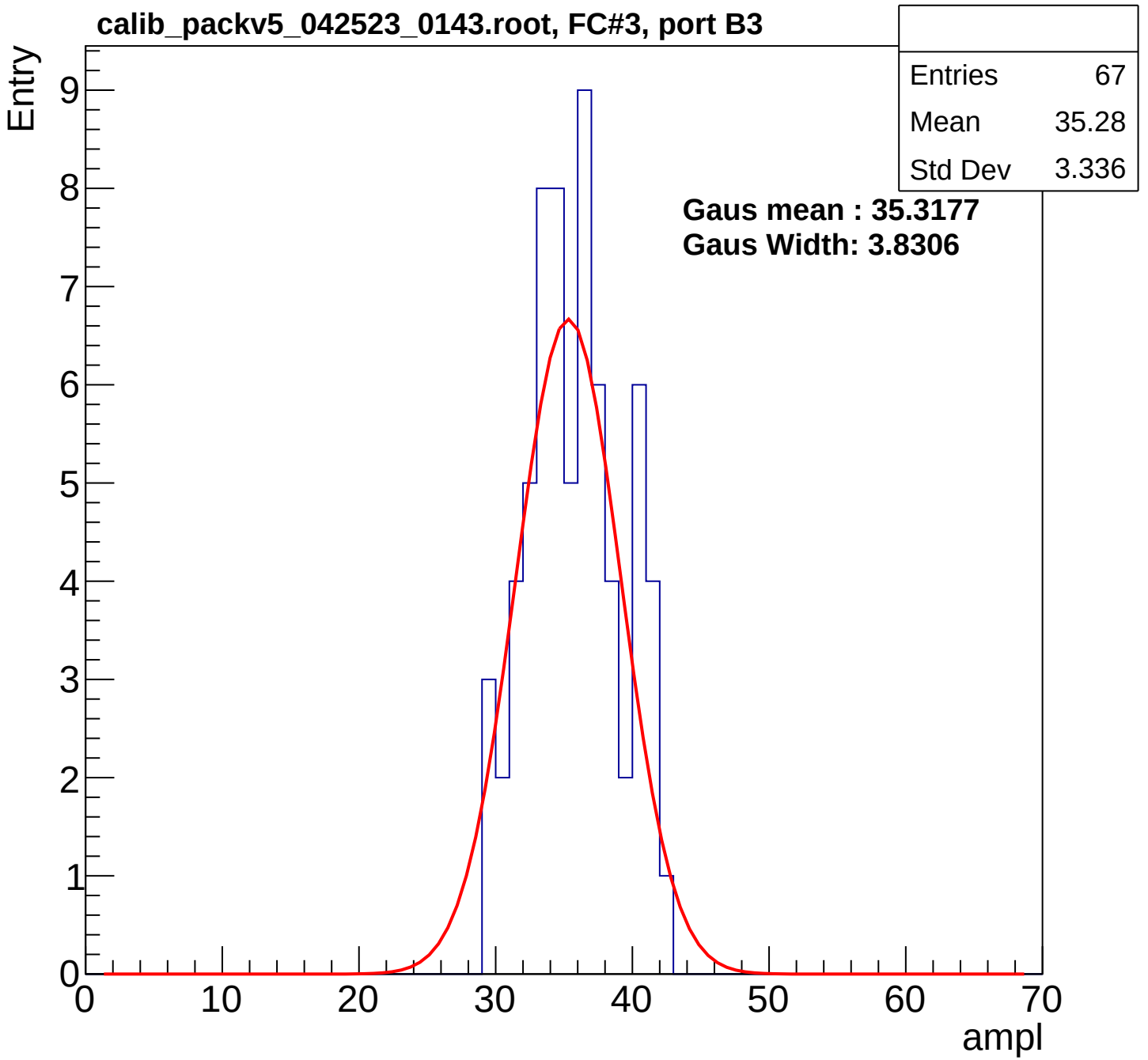
B1L000S, U9-ch2, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.28
Std Dev 3.336
Gaus mean : 35.3177
Gaus Width: 3.8306
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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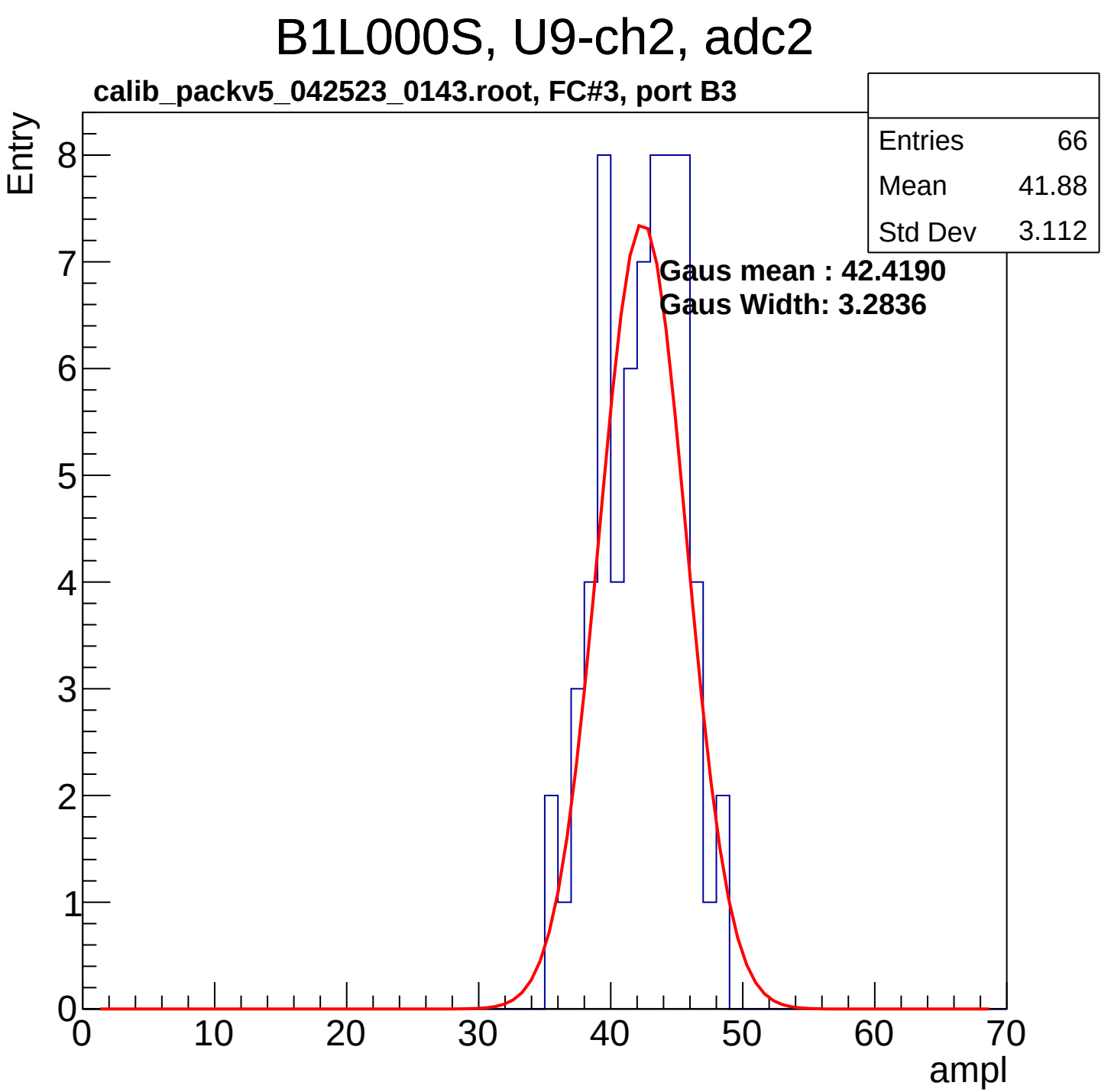
B1L000S, U9-ch2, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 41.88
Std Dev 3.112
Gaus mean : 42.4190
Gaus Width: 3.2836
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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60
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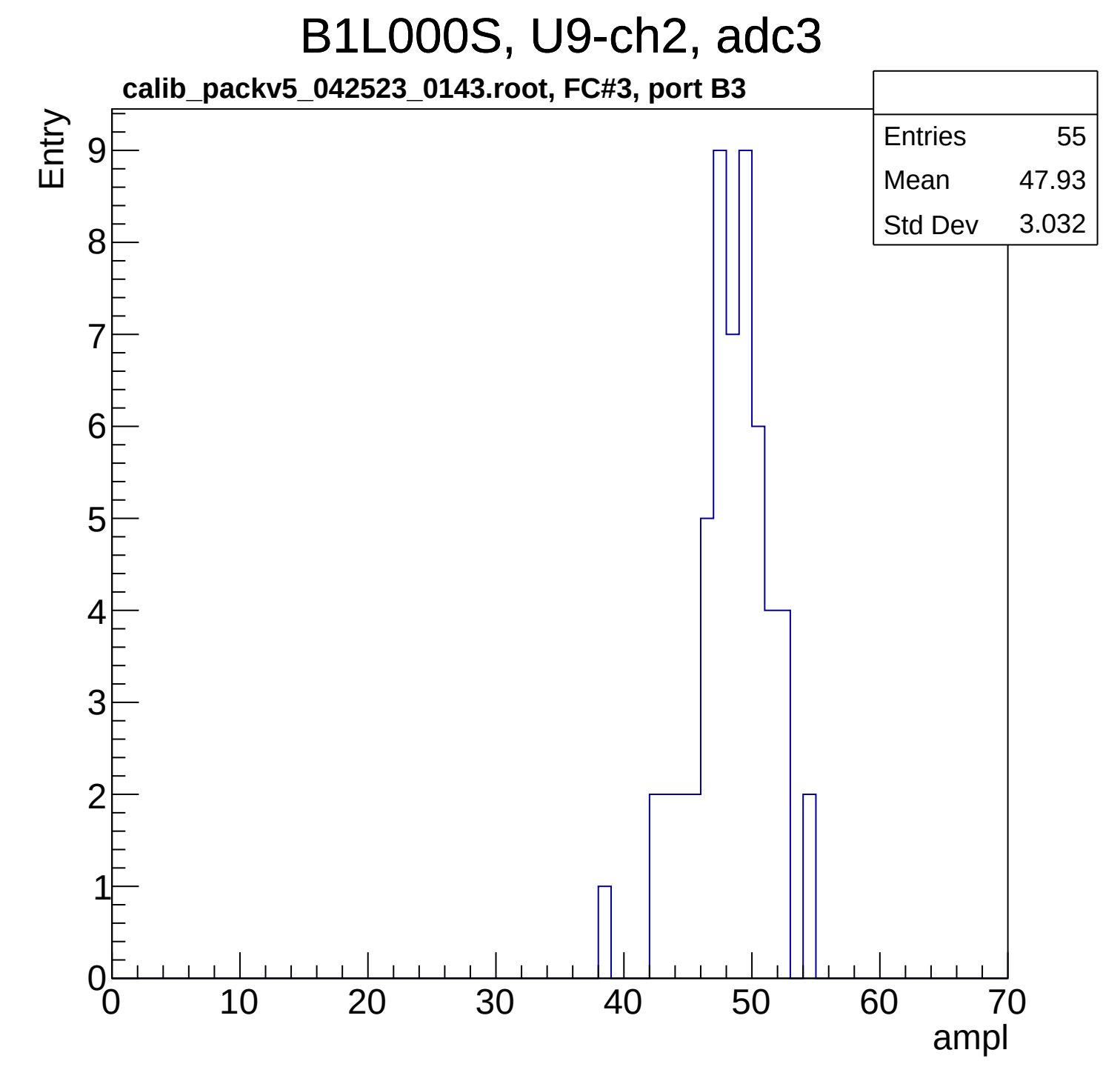
B1L000S, U9-ch2, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.93
Std Dev 3.032
Entry
ampl
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3
4
5
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7
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0
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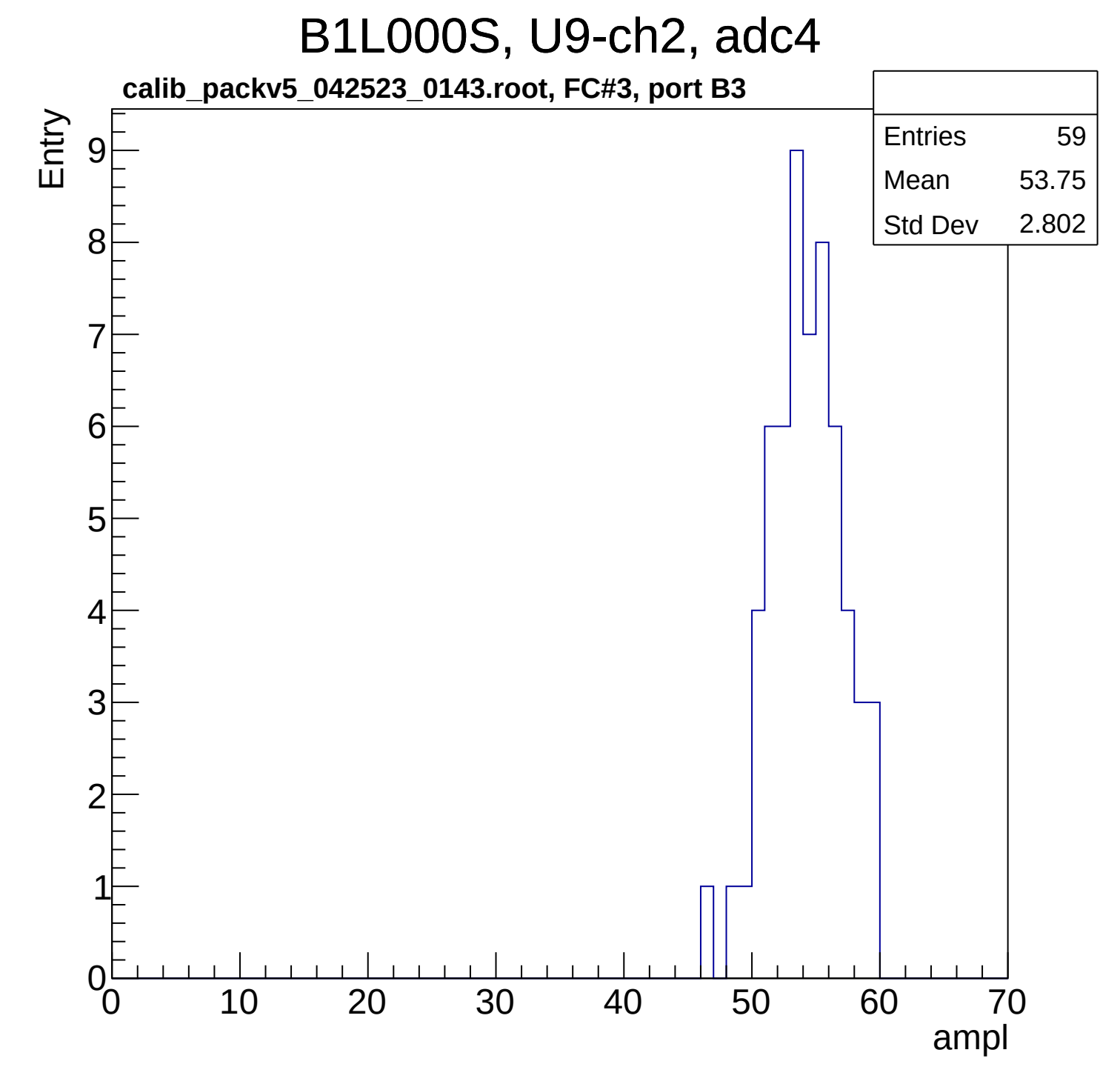
B1L000S, U9-ch2, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.75
Std Dev 2.802
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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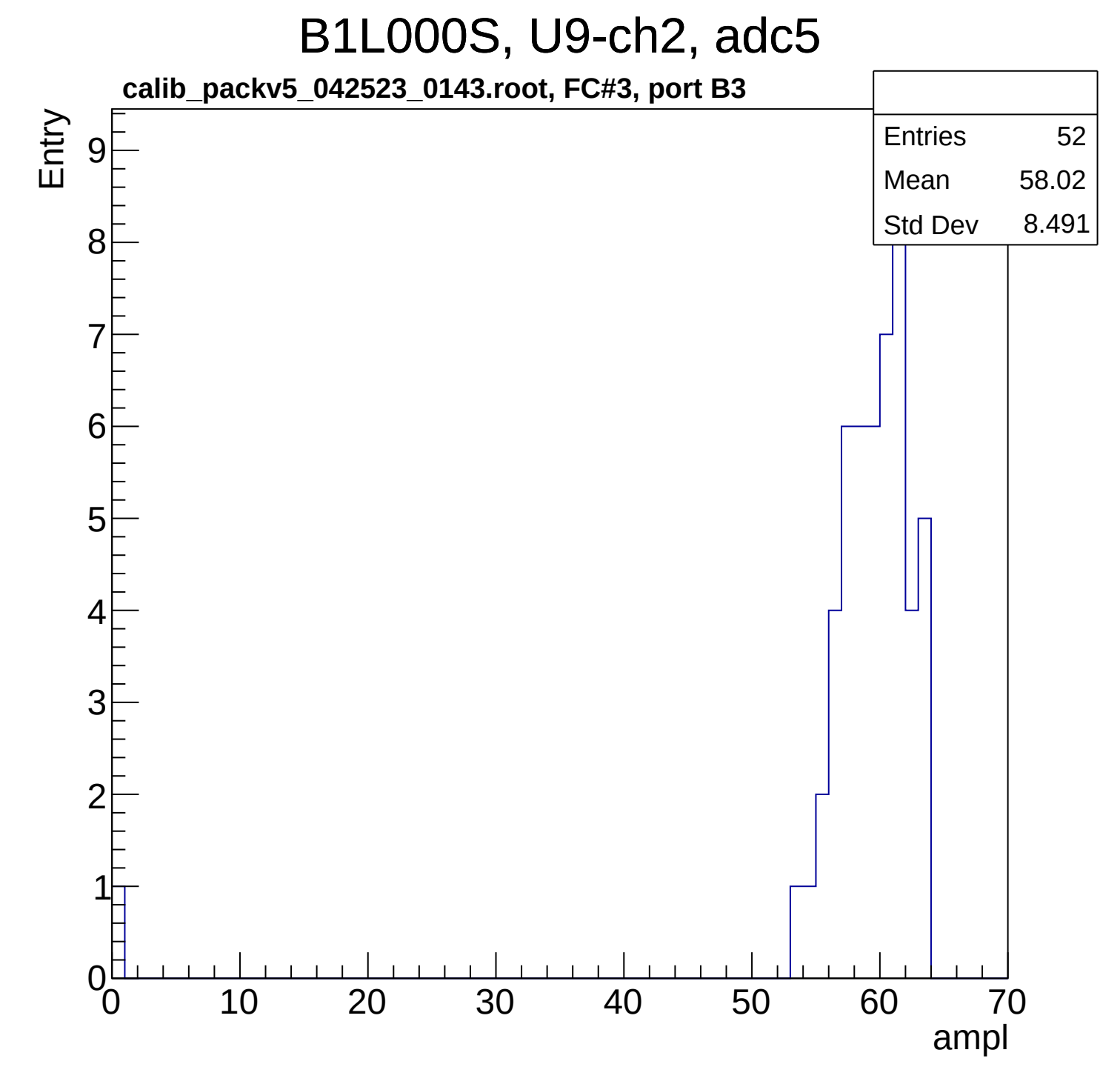
B1L000S, U9-ch2, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.02
Std Dev 8.491
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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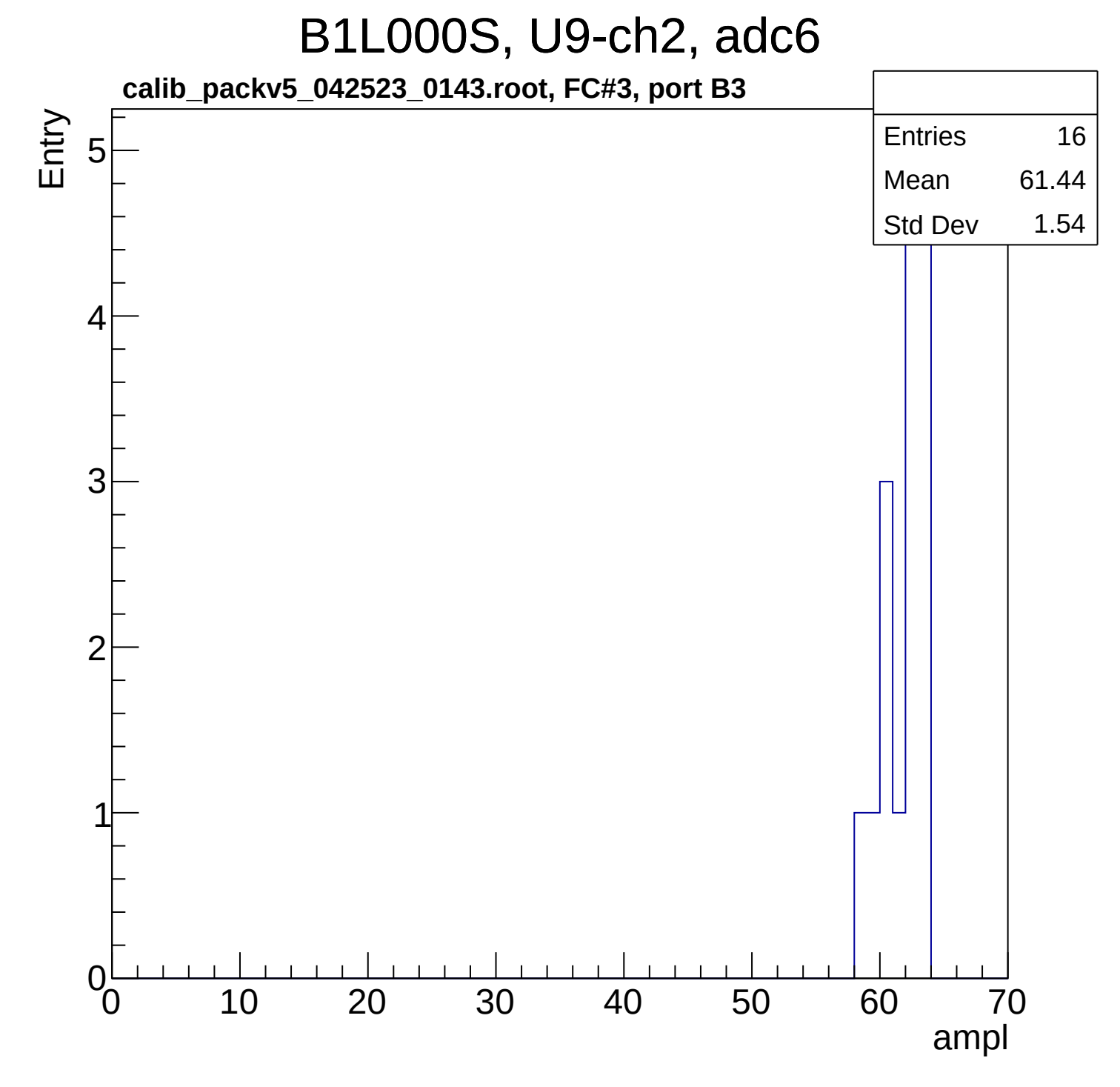
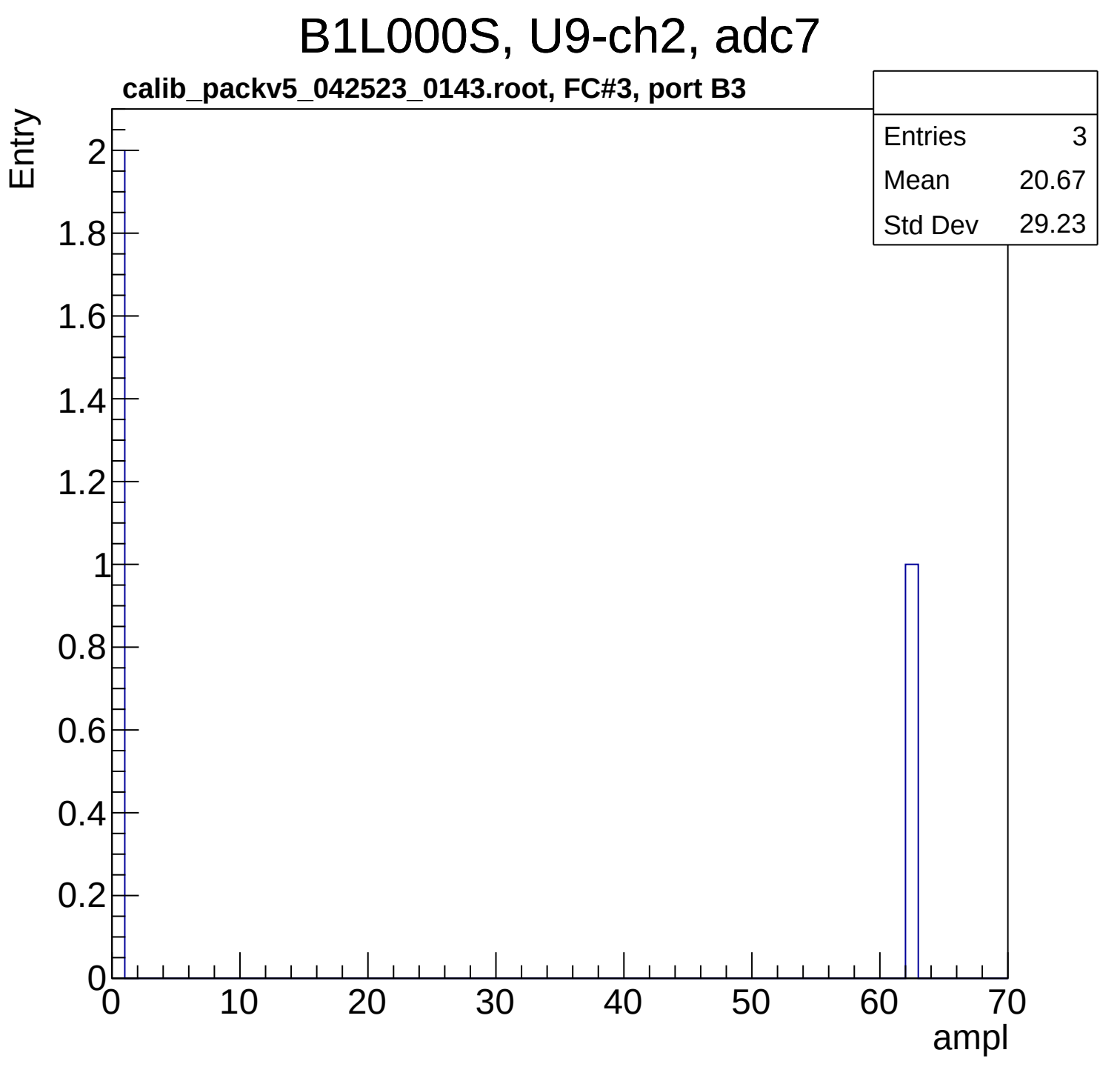

B1L000S, U9-ch2, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.44
Std Dev 1.54
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch2, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 20.67
Std Dev 29.23
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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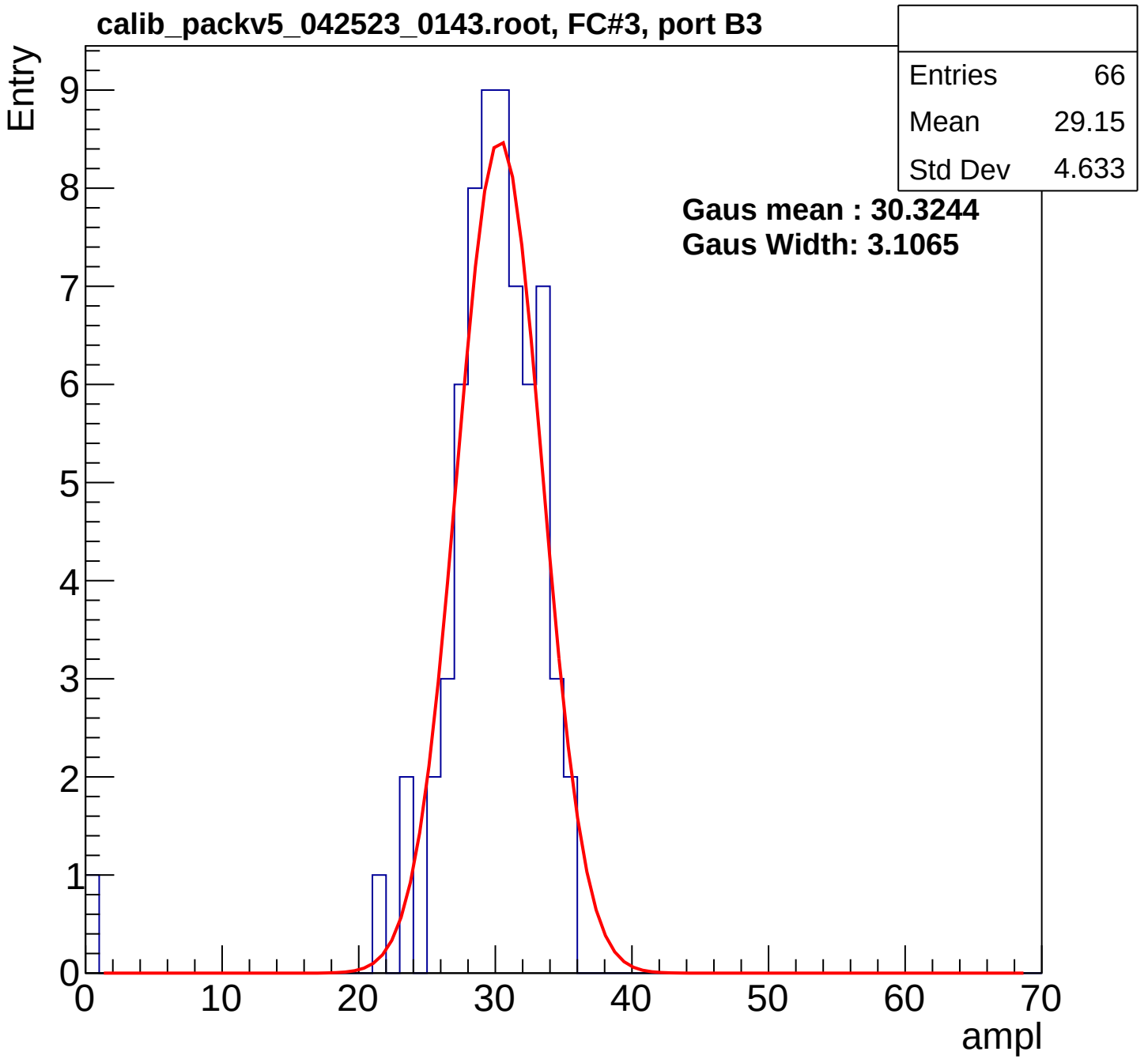
B1L000S, U9-ch3, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.15
Std Dev 4.633
Gaus mean : 30.3244
Gaus Width: 3.1065
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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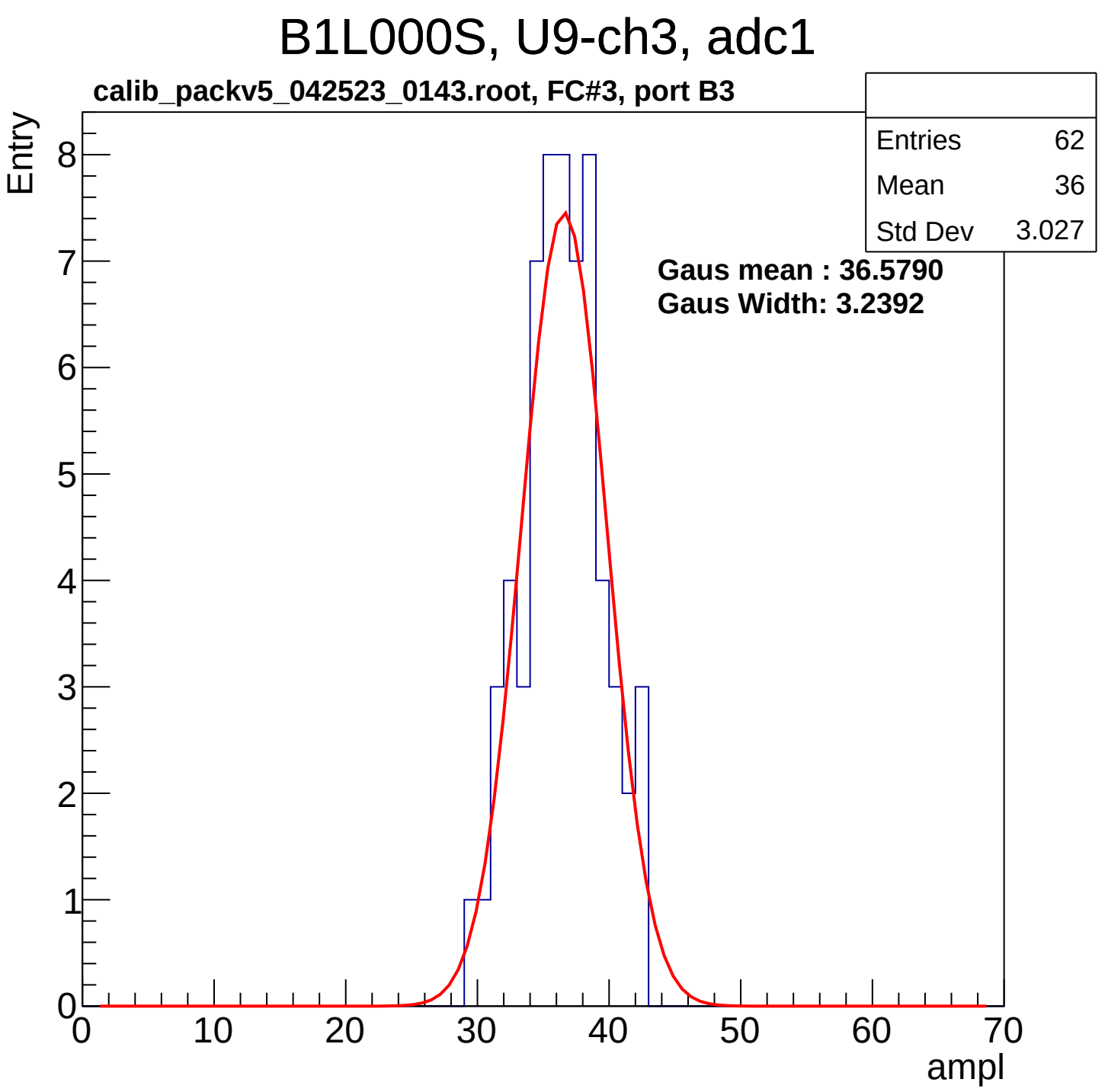
B1L000S, U9-ch3, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36
Std Dev 3.027
Gaus mean : 36.5790
Gaus Width: 3.2392
Entry
ampl
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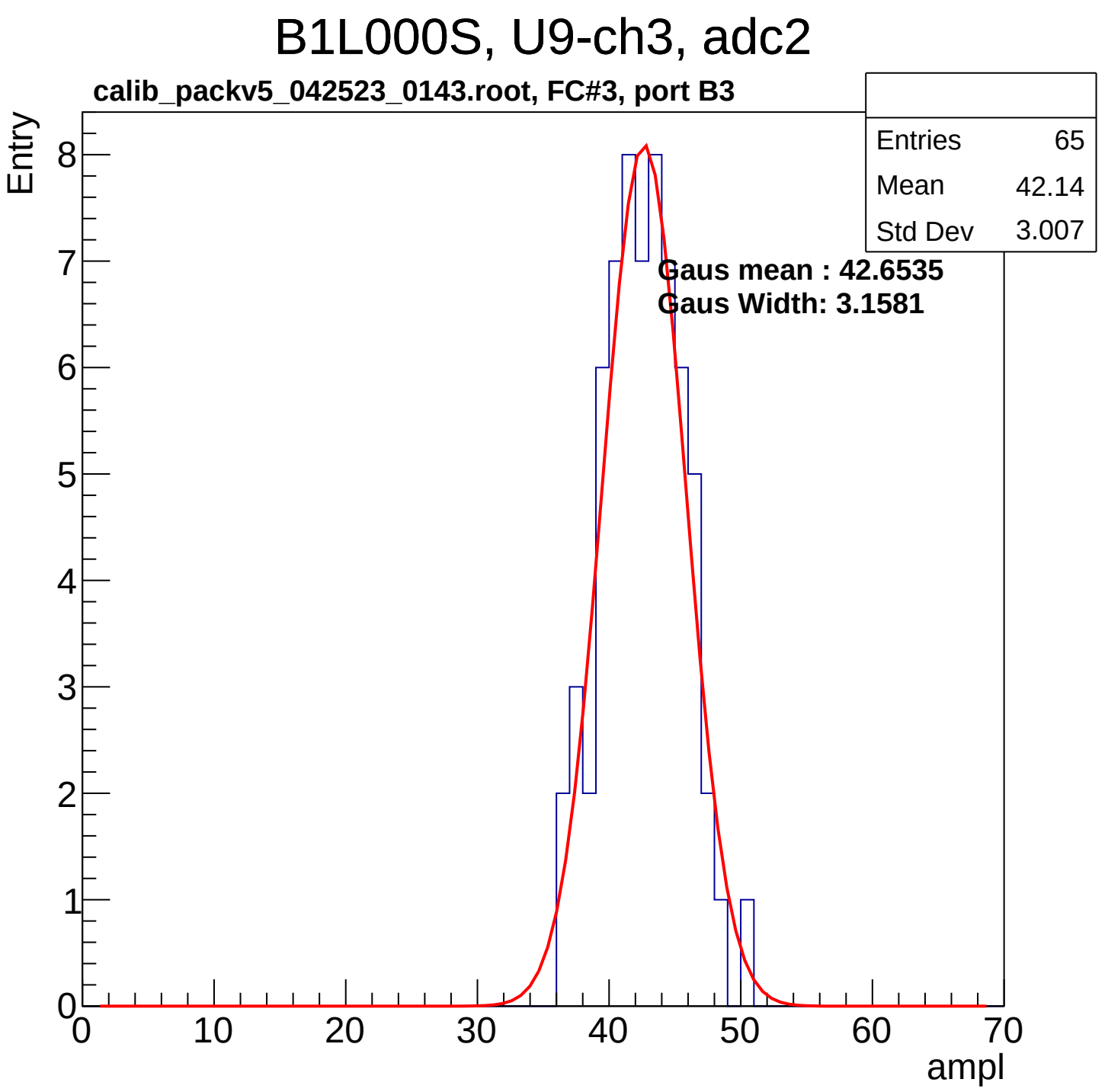
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch3, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 42.14
Std Dev 3.007
Gaus mean : 42.6535
Gaus Width: 3.1581
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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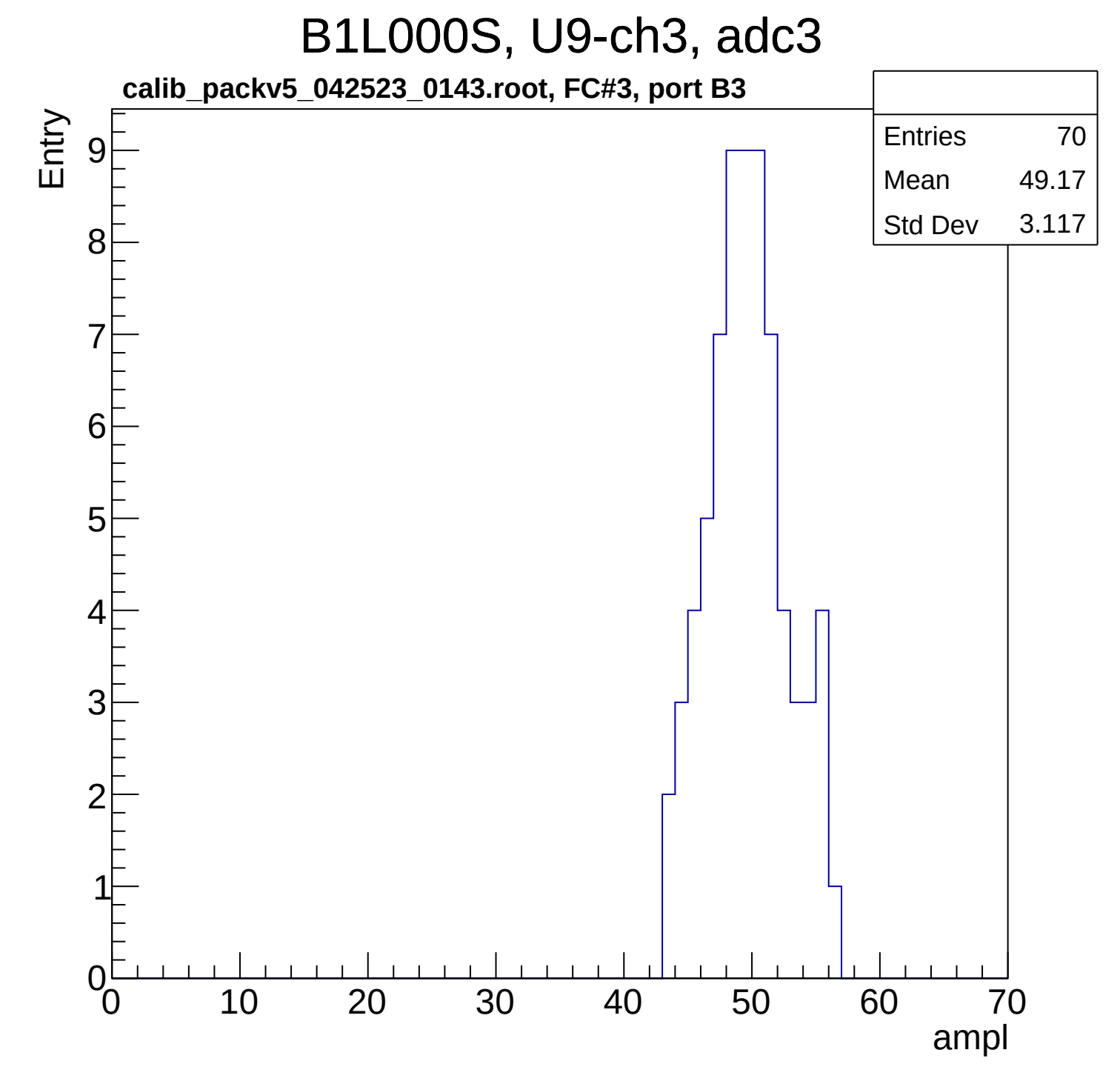
B1L000S, U9-ch3, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 49.17
Std Dev 3.117
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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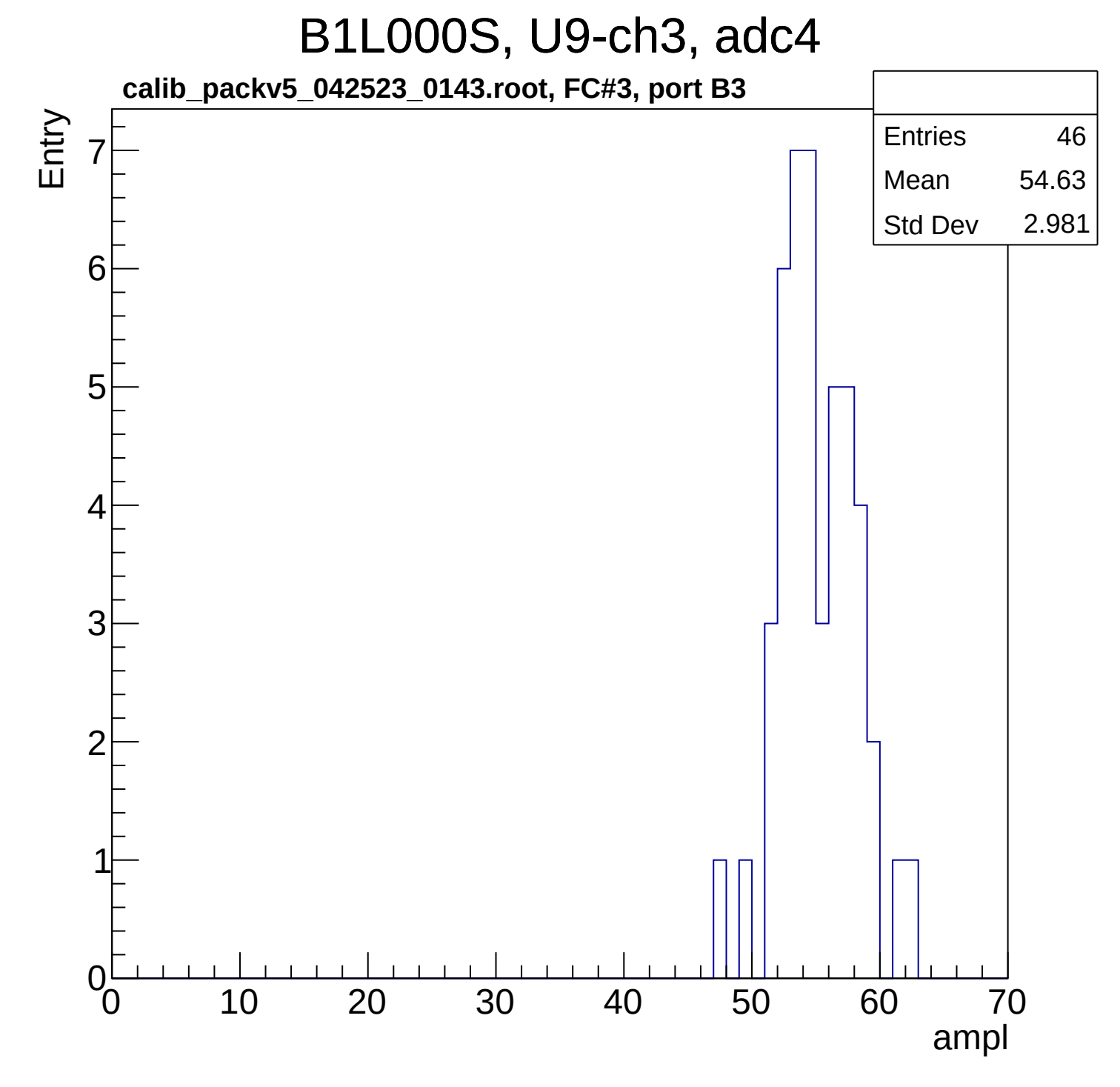
B1L000S, U9-ch3, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 54.63
Std Dev 2.981
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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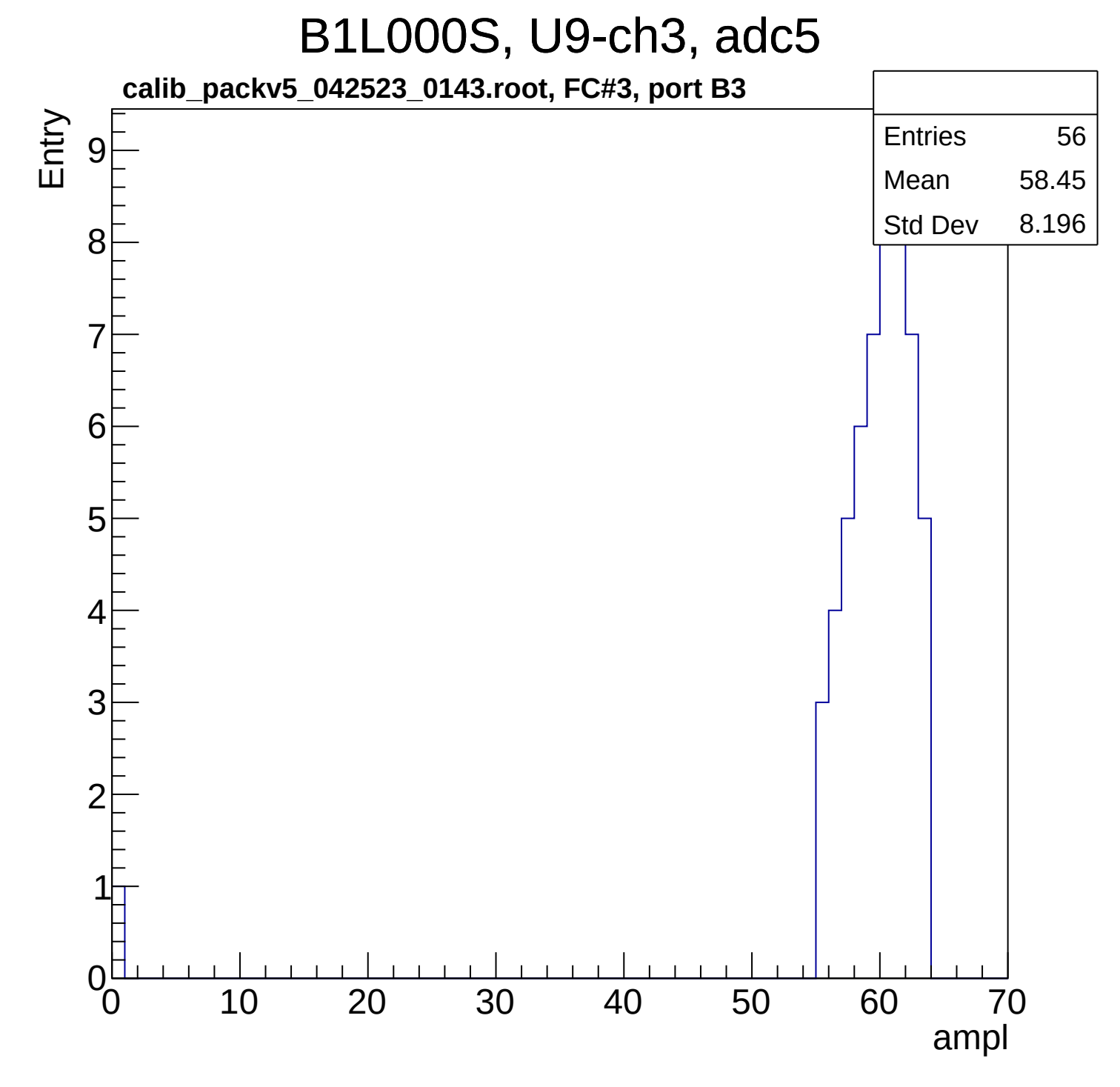
B1L000S, U9-ch3, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.45
Std Dev 8.196
Entry
ampl
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2
3
4
5
6
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8
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0
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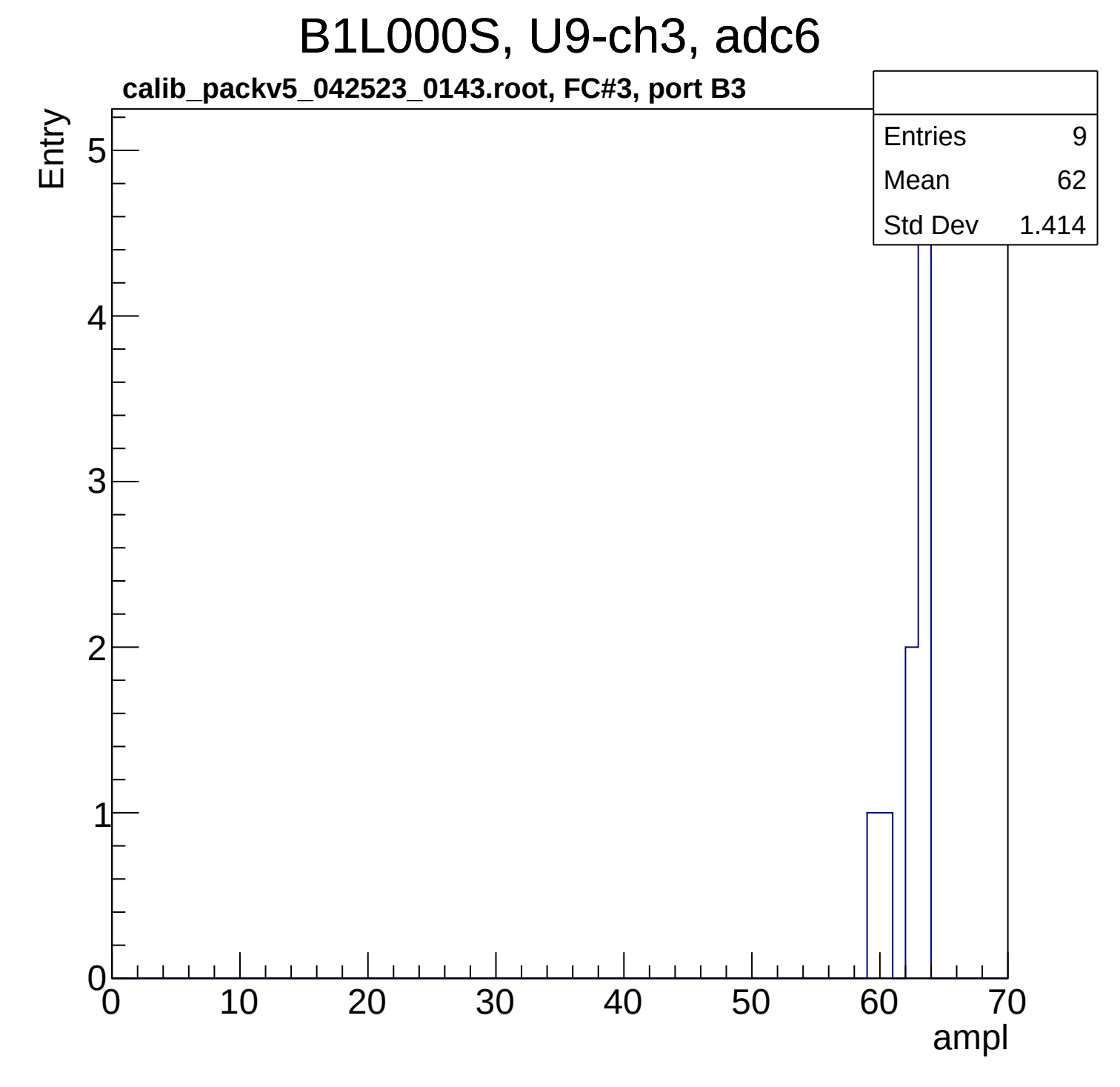
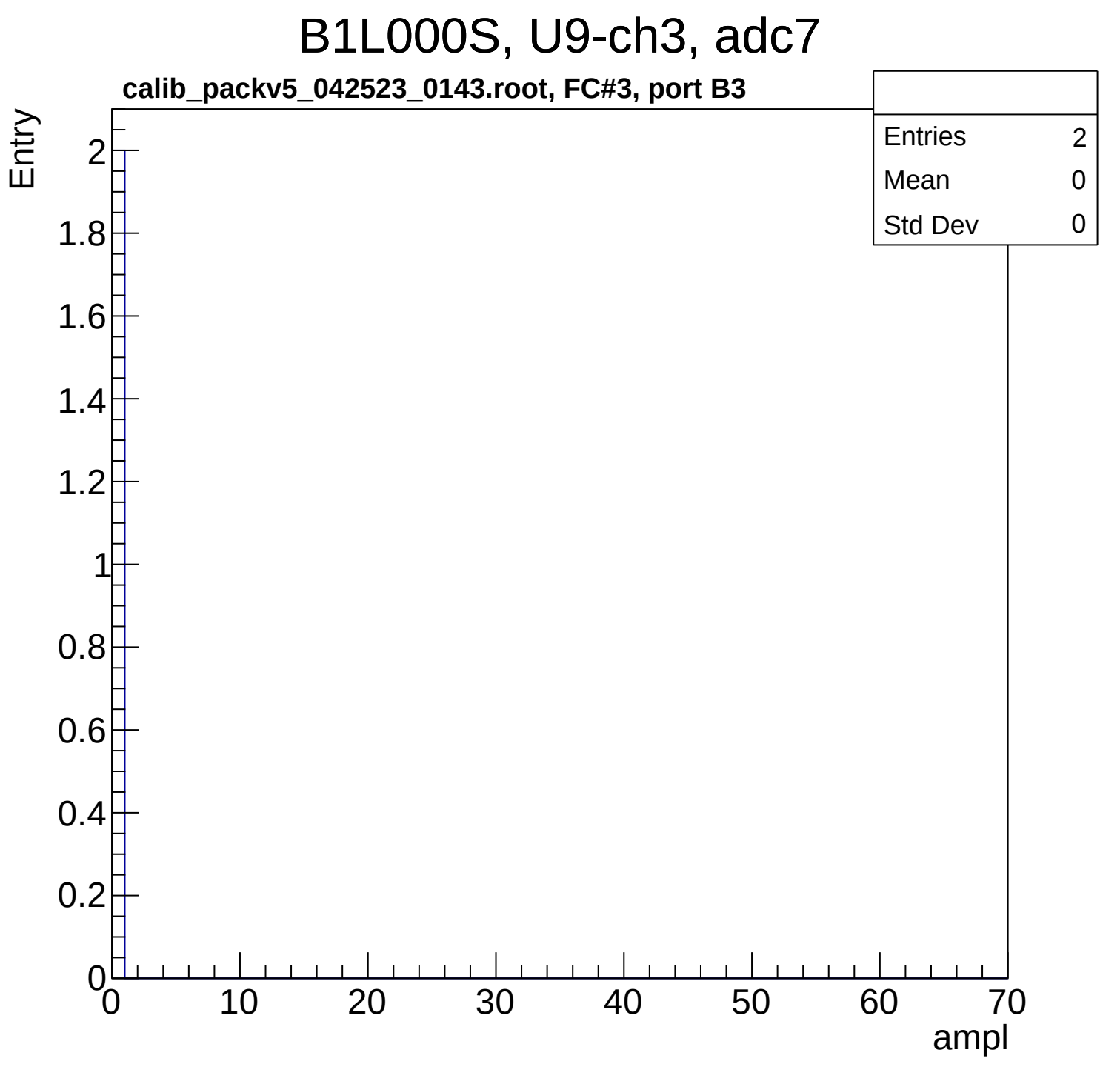

B1L000S, U9-ch3, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62
Std Dev 1.414
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch3, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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
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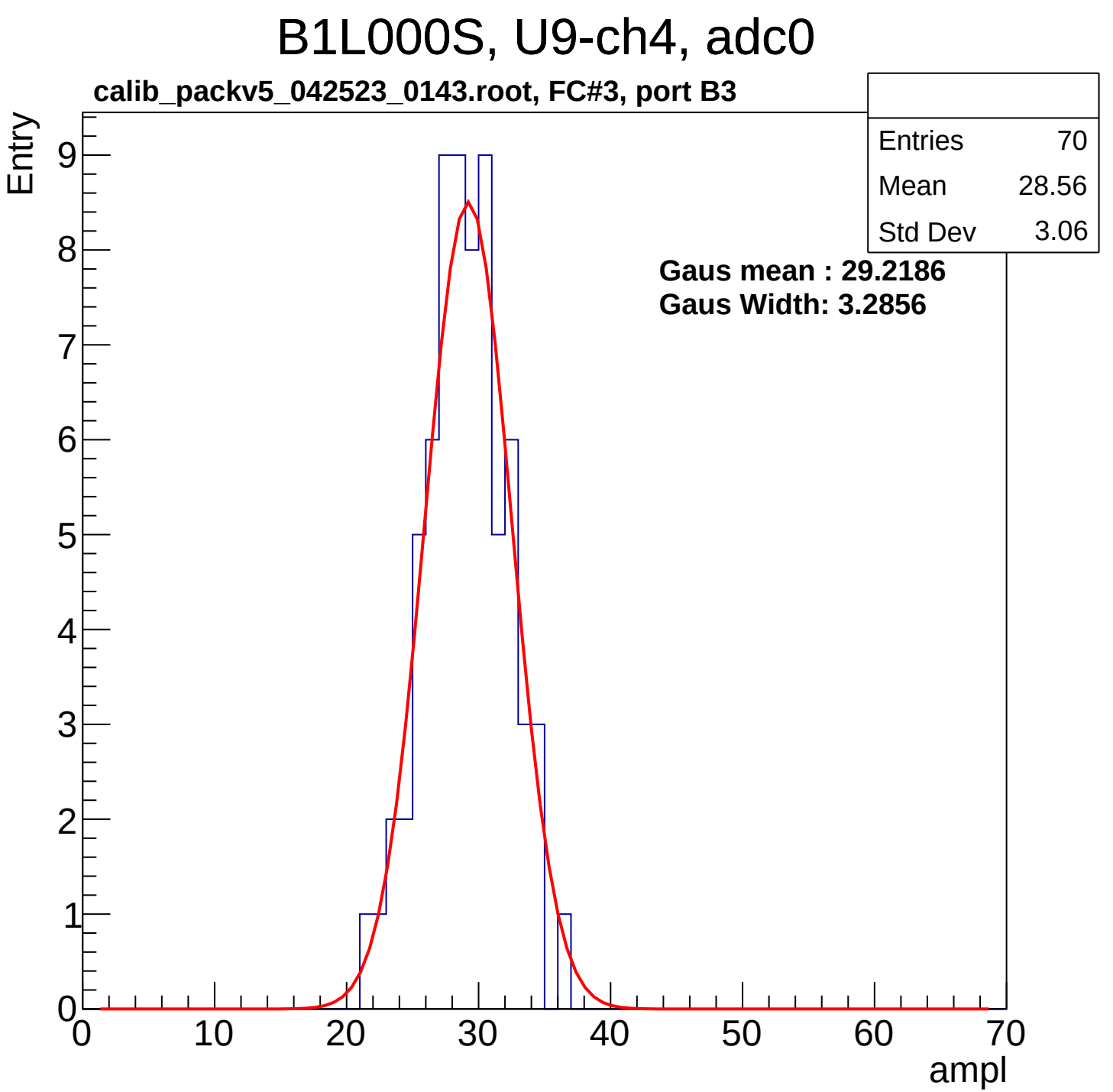
40
50
60
70
ampl


B1L000S, U9-ch4, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.56
Std Dev 3.06
Gaus mean : 29.2186
Gaus Width: 3.2856
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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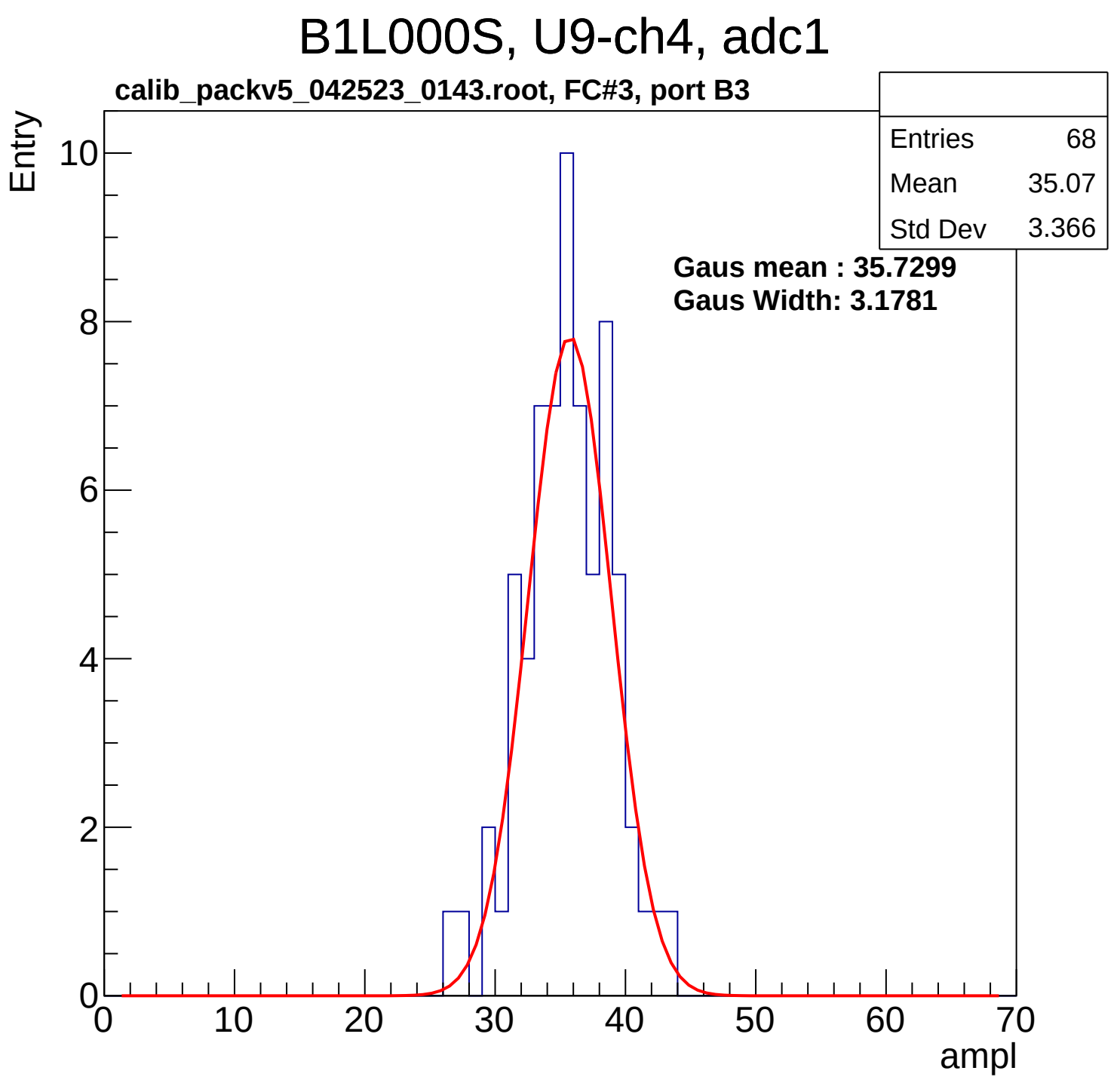
B1L000S, U9-ch4, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 35.07
Std Dev 3.366
Gaus mean : 35.7299
Gaus Width: 3.1781
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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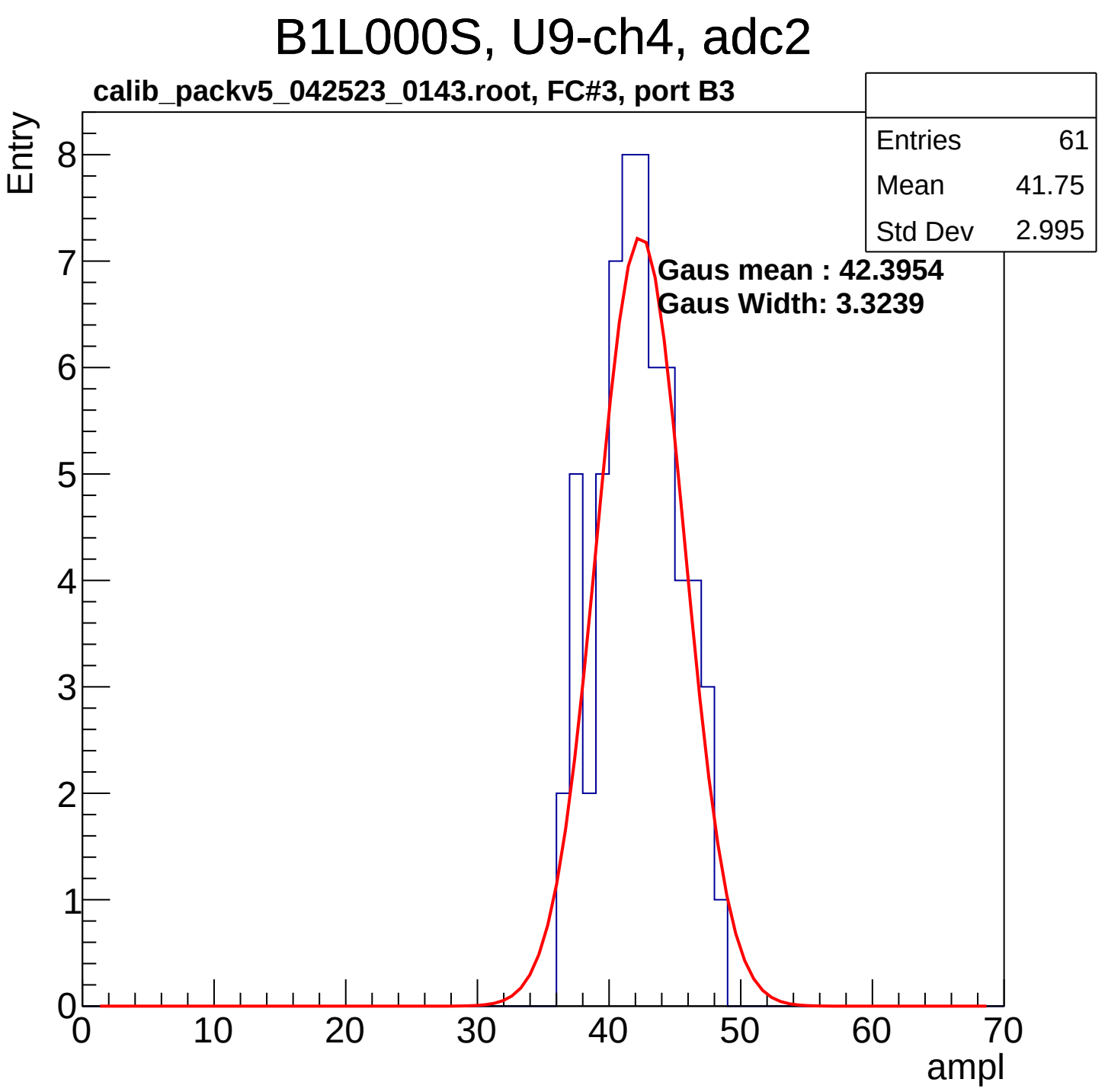
B1L000S, U9-ch4, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.75
Std Dev 2.995
Gaus mean : 42.3954
Gaus Width: 3.3239
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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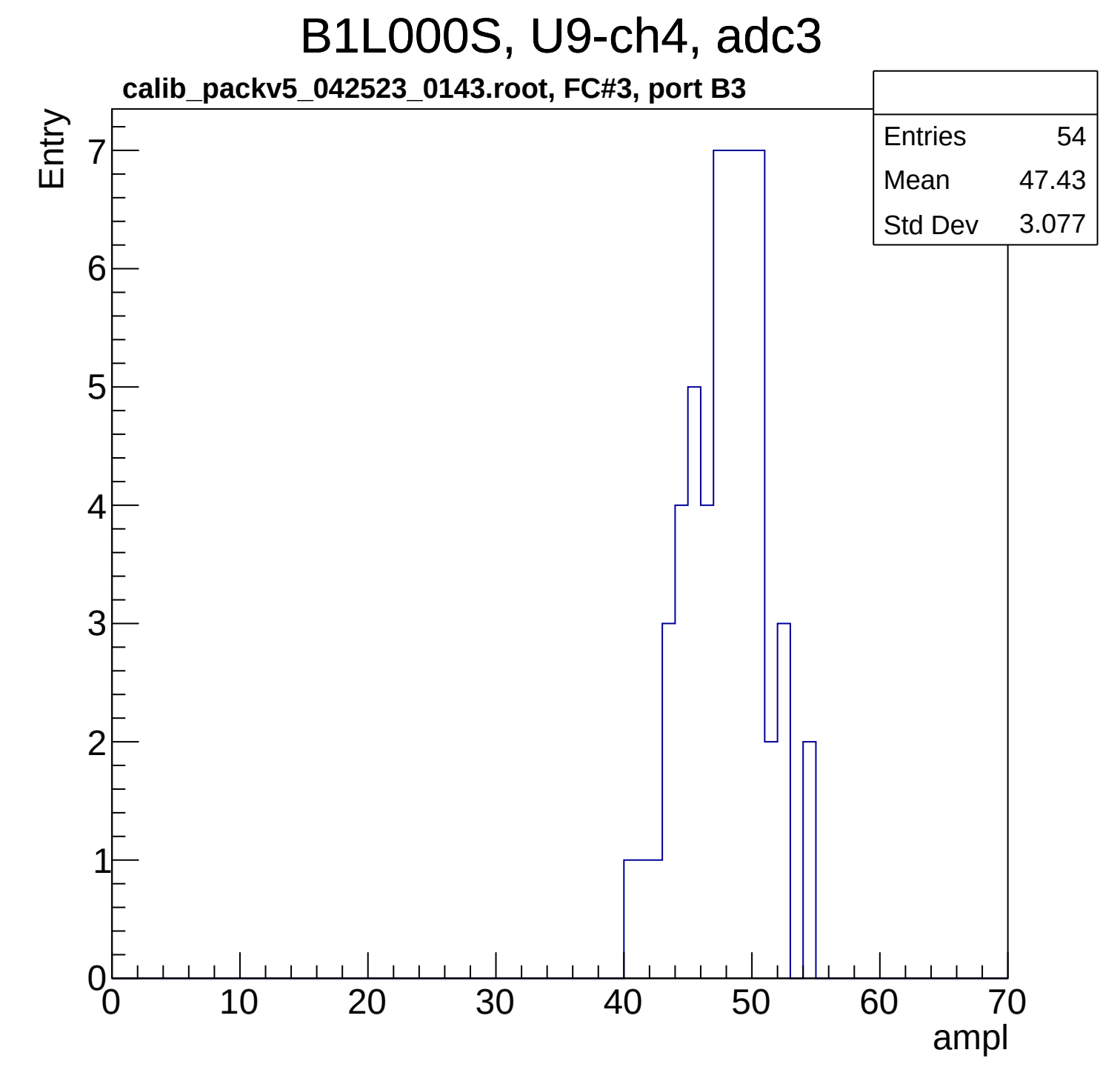
B1L000S, U9-ch4, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 47.43
Std Dev 3.077
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
50
60
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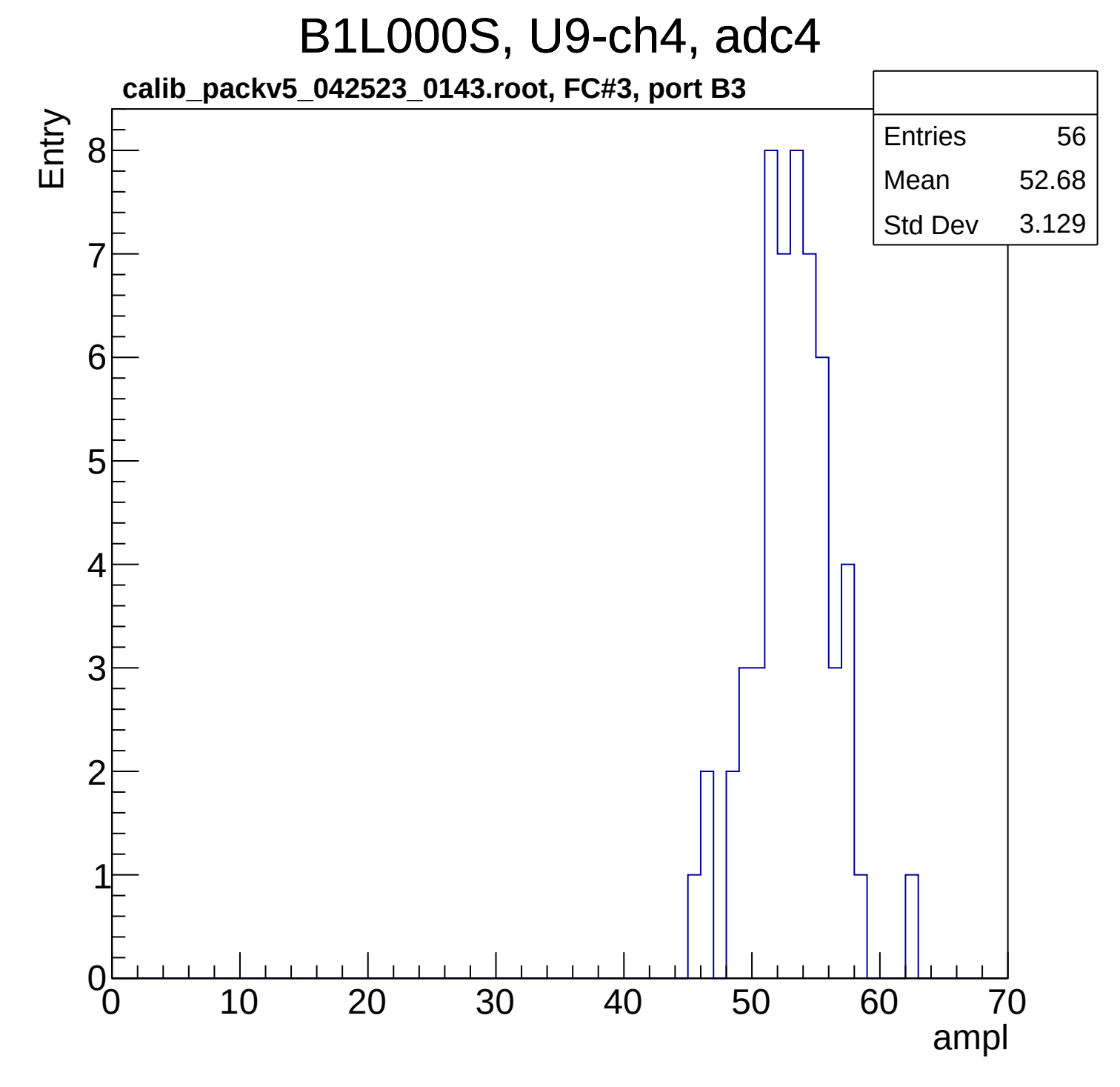
B1L000S, U9-ch4, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 52.68
Std Dev 3.129
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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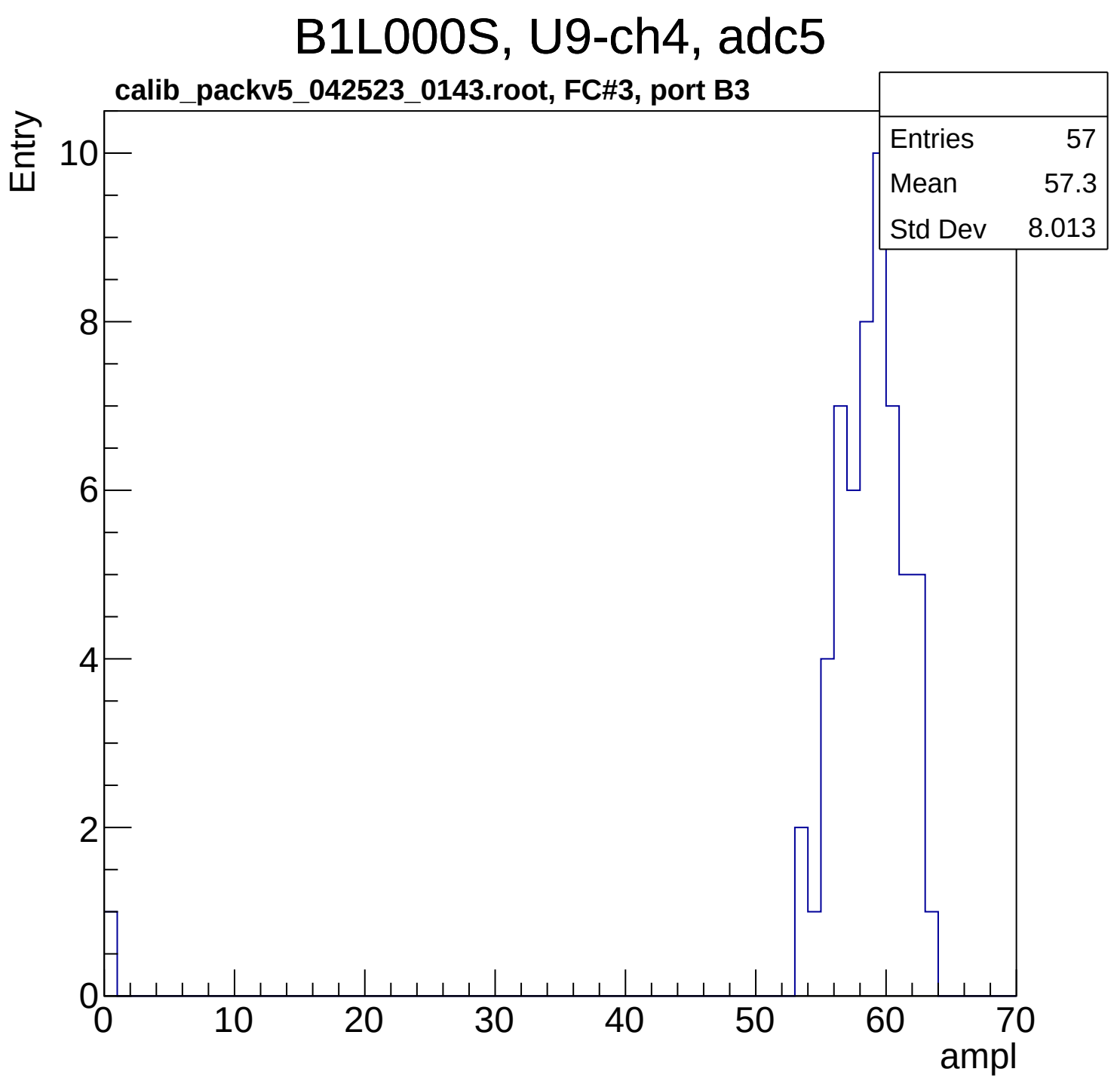
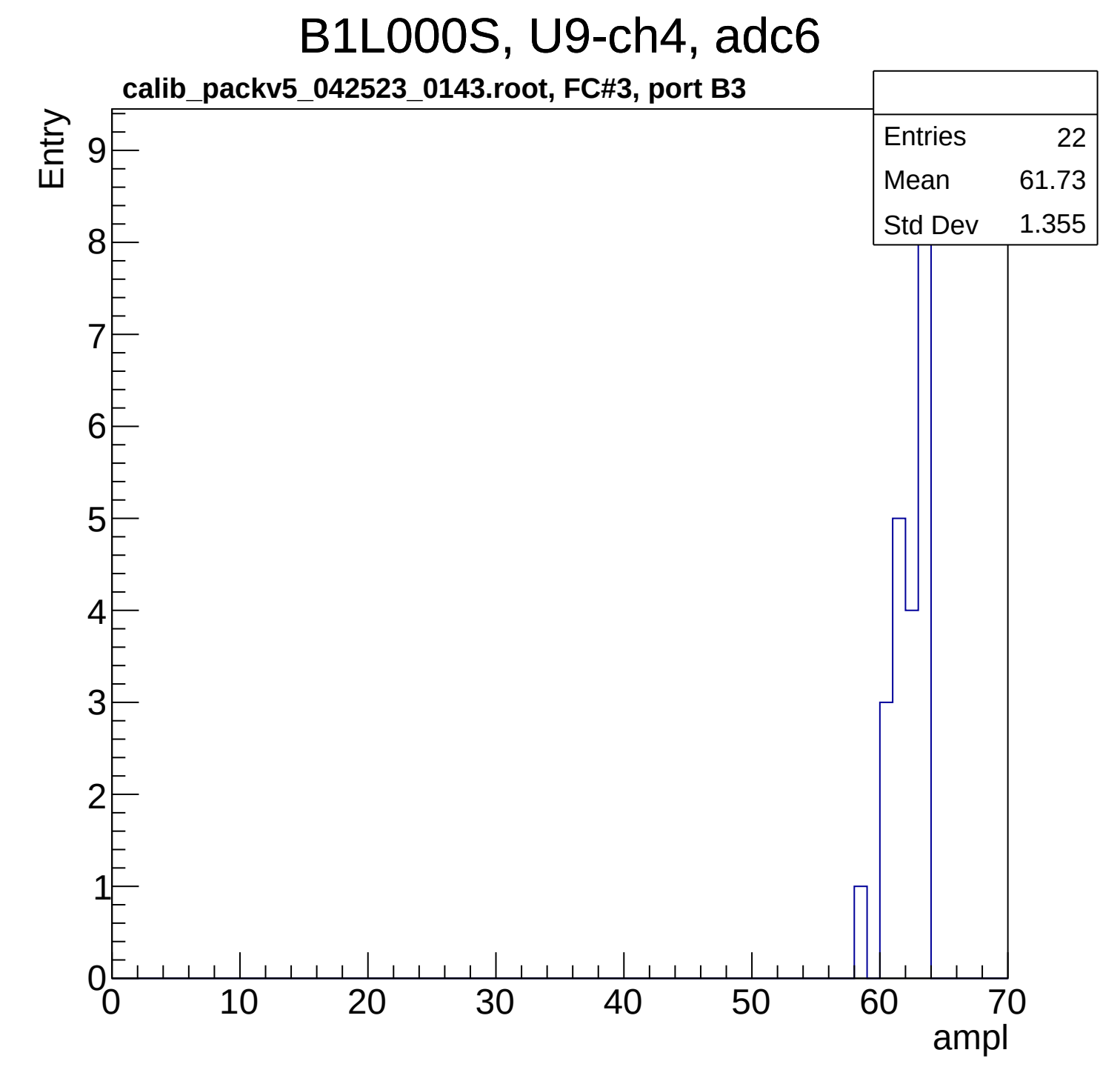
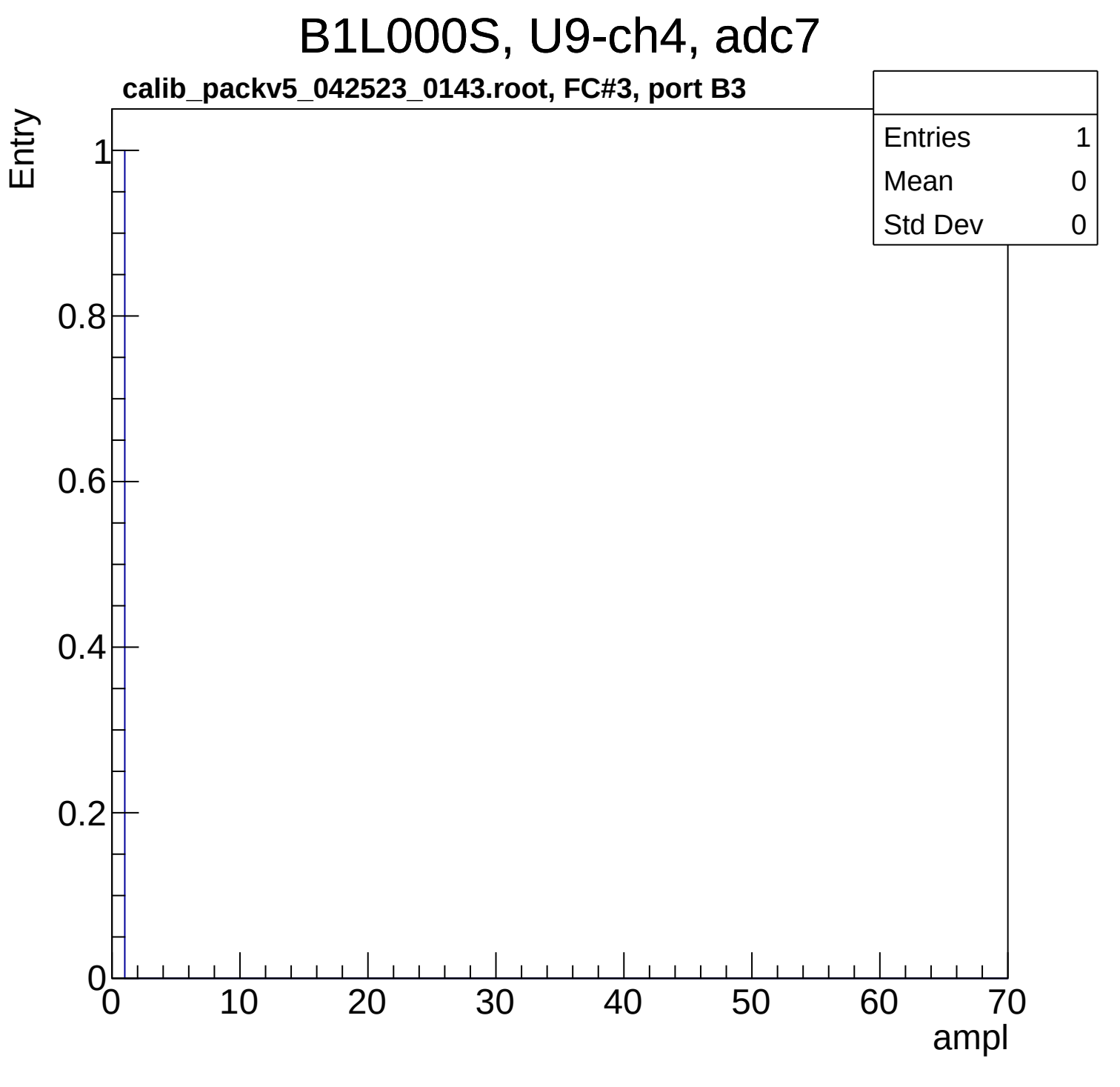
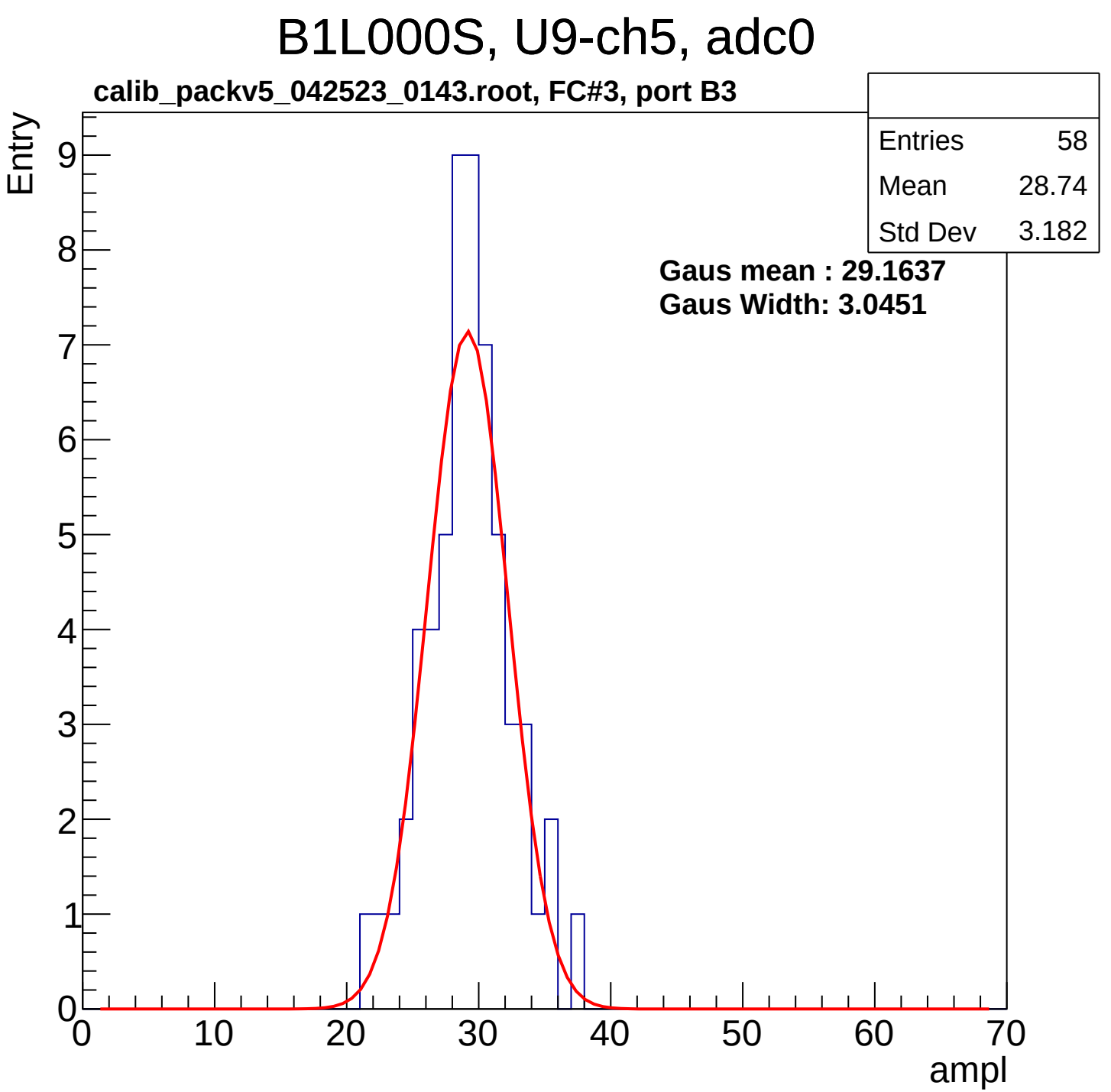
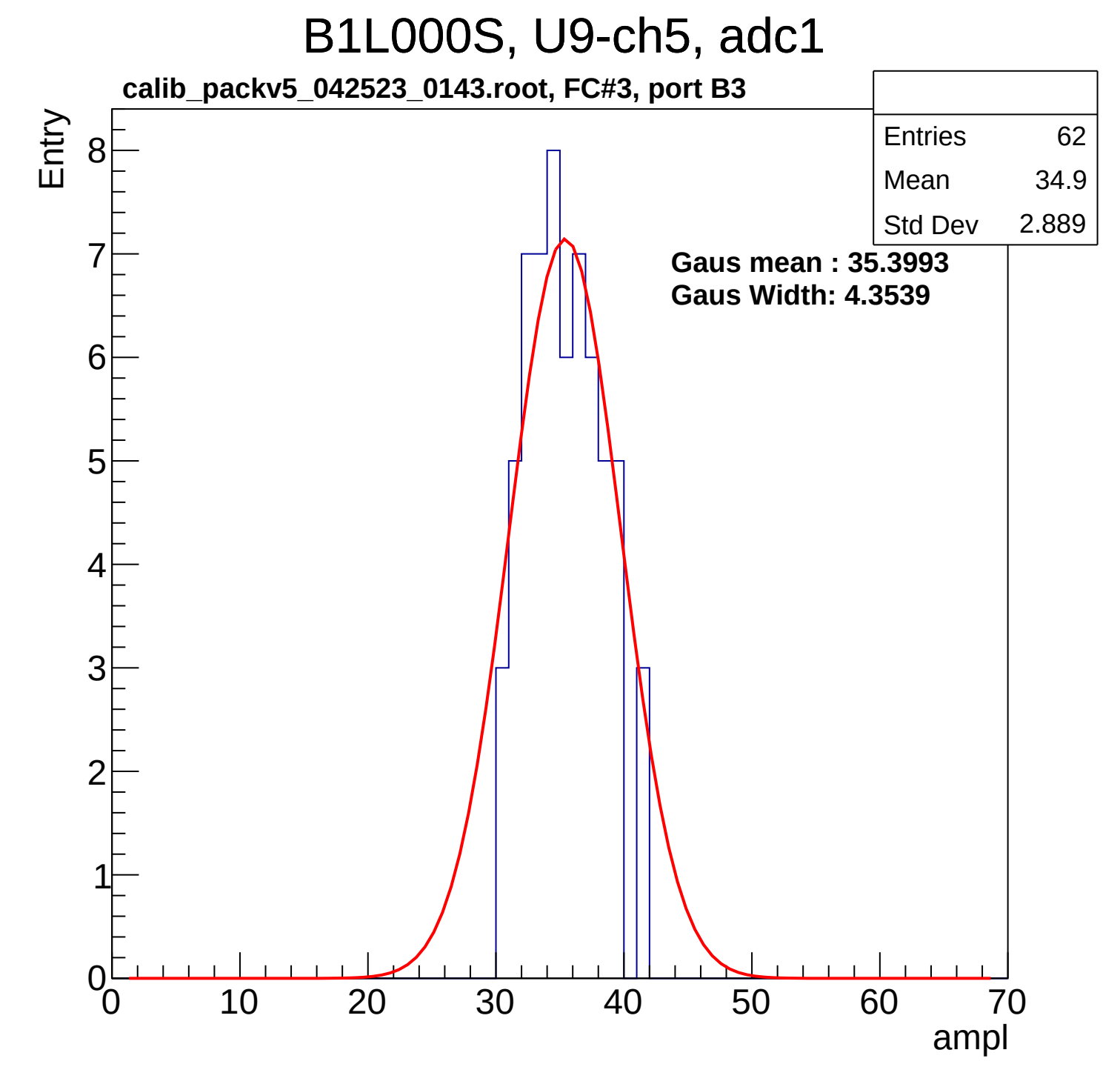

B1L000S, U9-ch4, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.3
Std Dev 8.013
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch4, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 61.73
Std Dev 1.355
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch4, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch5, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 28.74
Std Dev 3.182
Gaus mean : 29.1637
Gaus Width: 3.0451
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch5, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 34.9
Std Dev 2.889
Gaus mean : 35.3993
Gaus Width: 4.3539
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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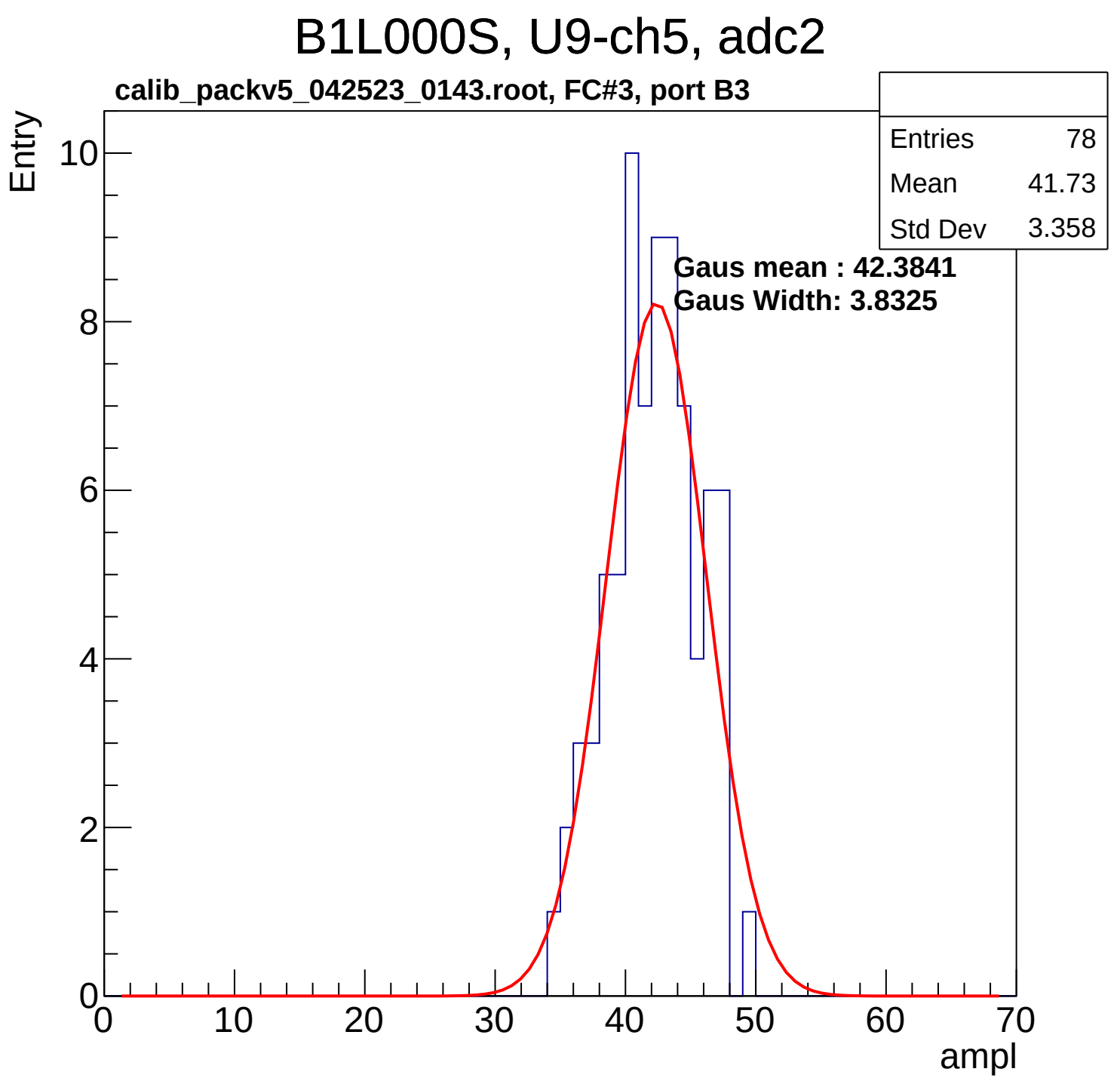
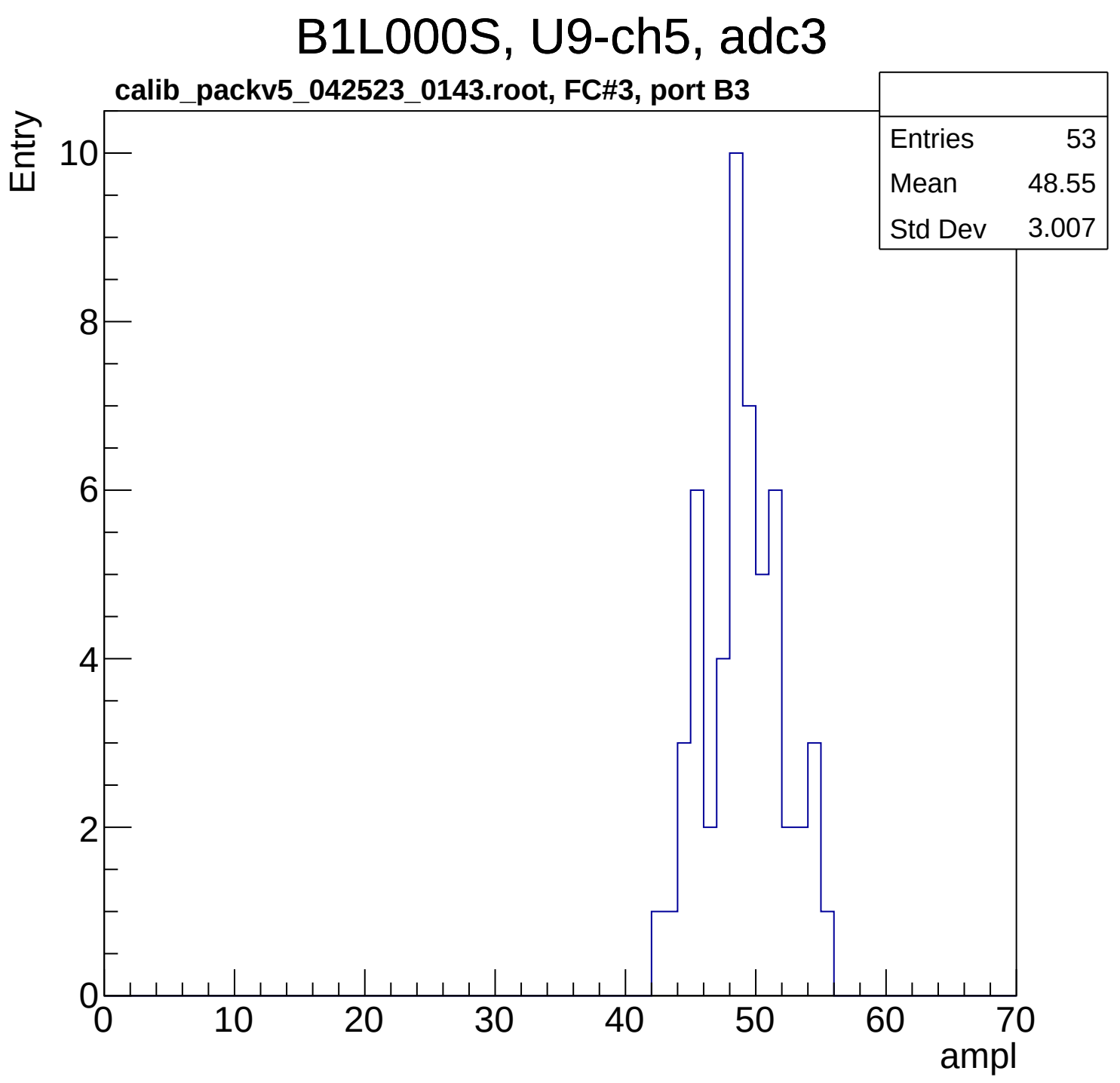
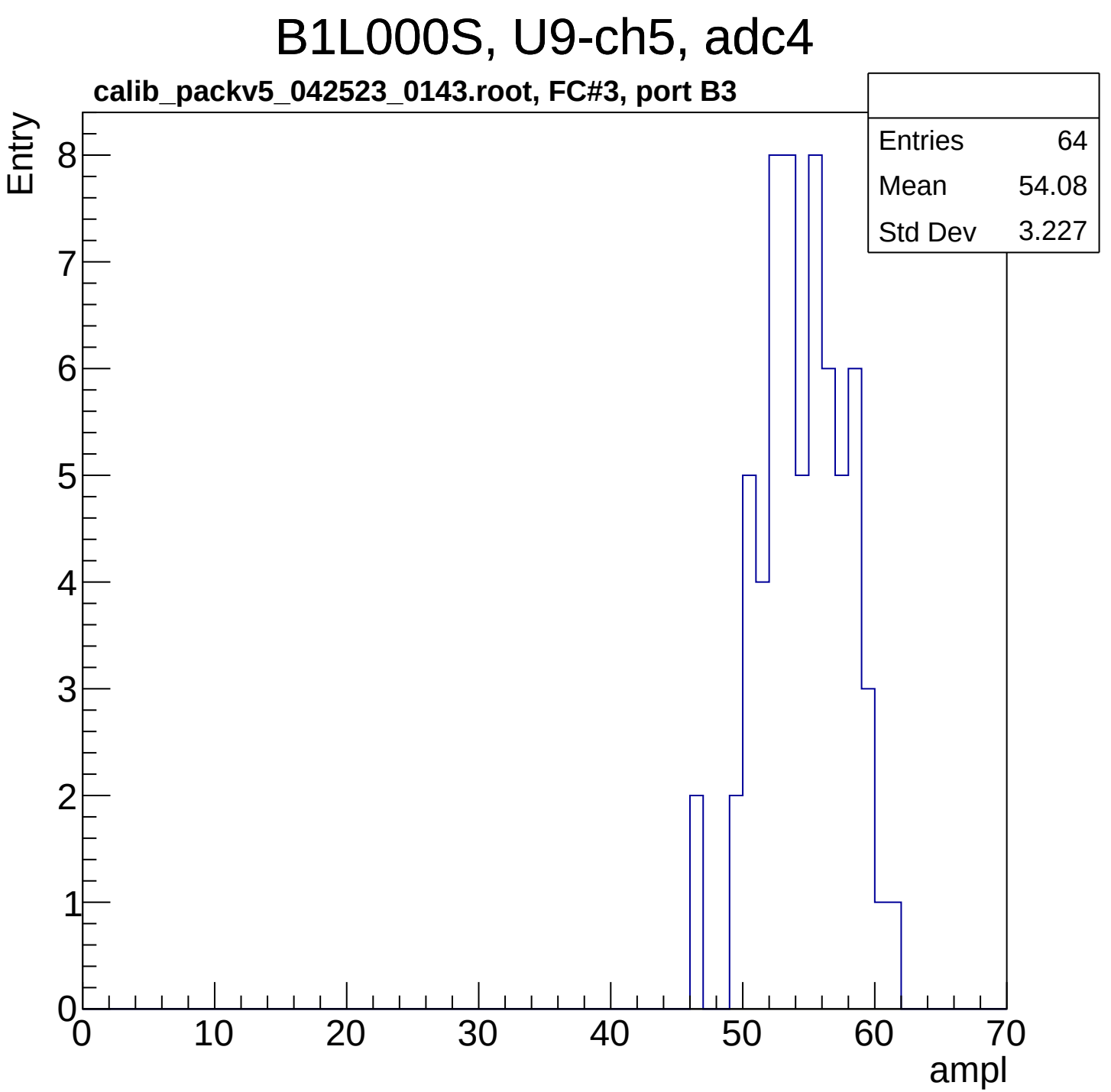
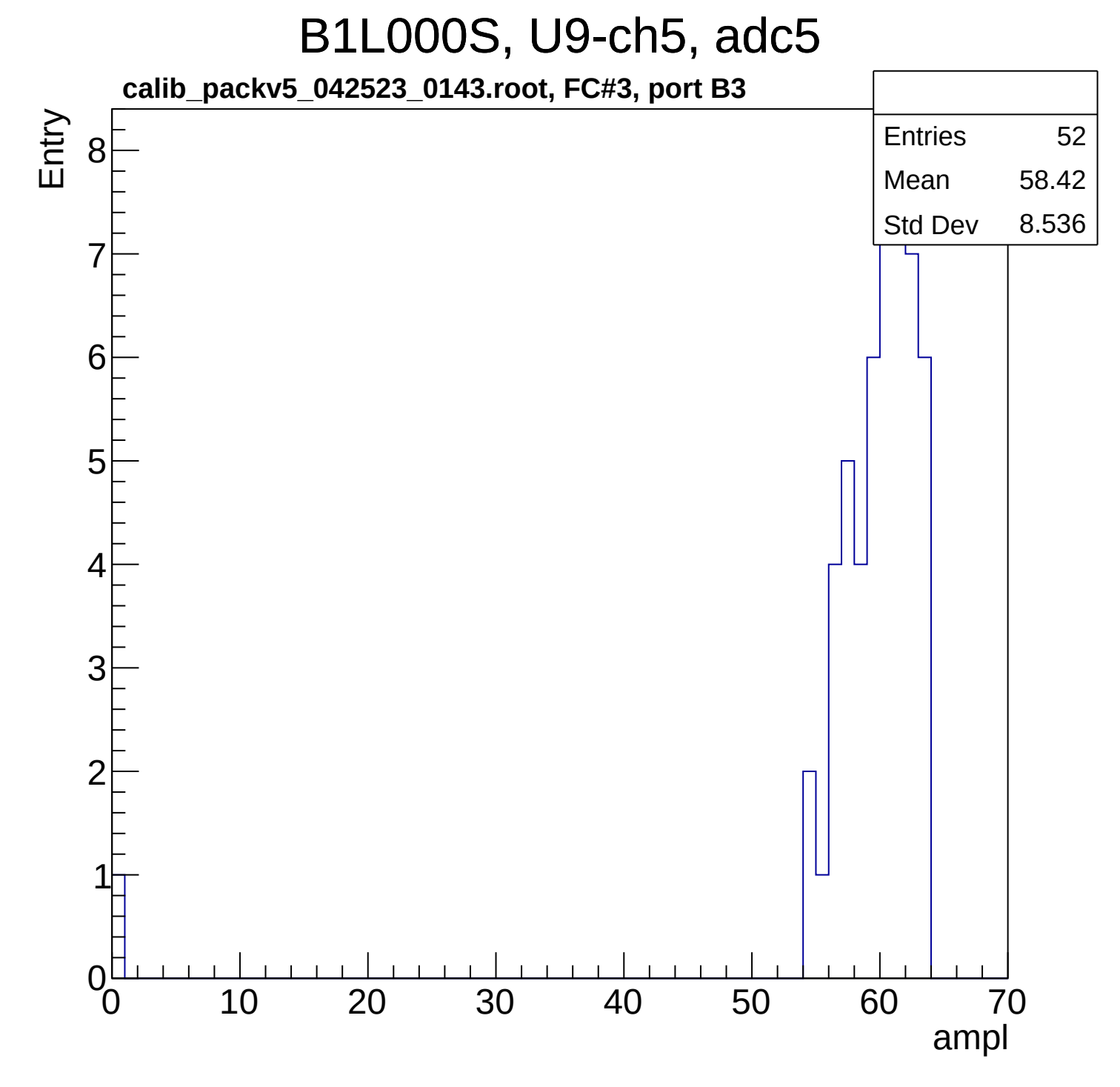

B1L000S, U9-ch5, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 41.73
Std Dev 3.358
Gaus mean : 42.3841
Gaus Width: 3.8325
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch5, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 48.55
Std Dev 3.007
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch5, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.08
Std Dev 3.227
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch5, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.42
Std Dev 8.536
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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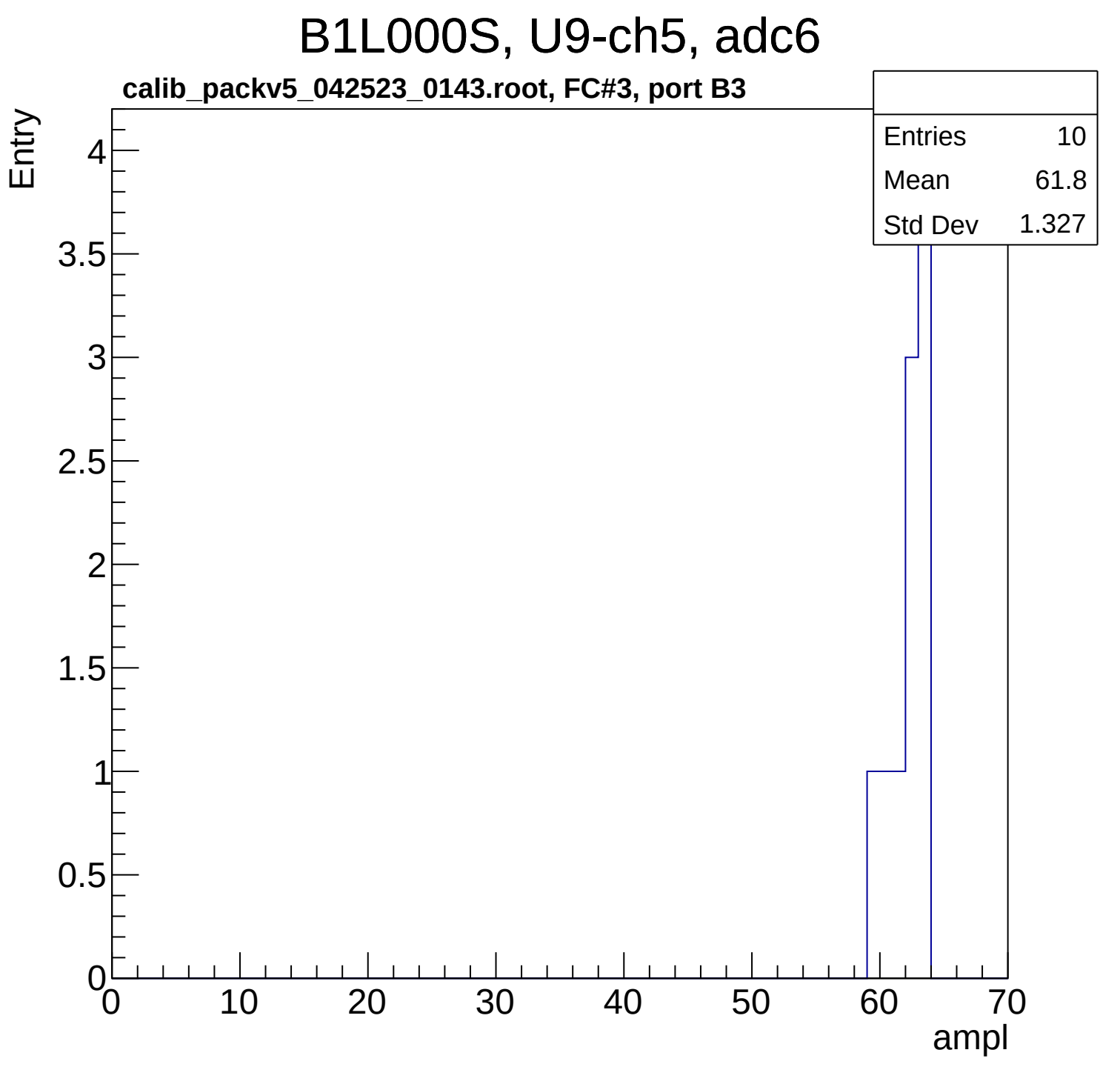
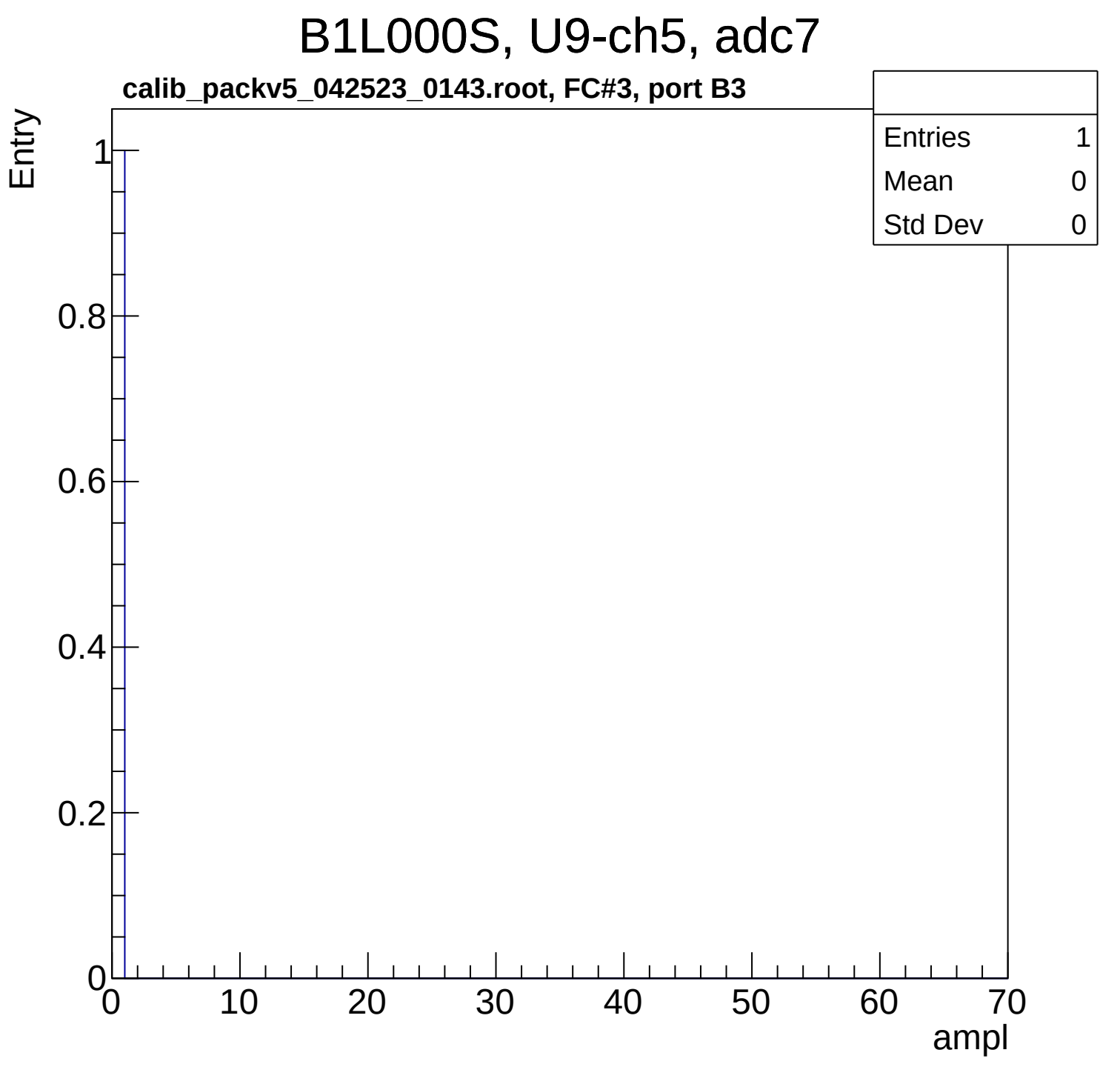

B1L000S, U9-ch5, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.8
Std Dev 1.327
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U9-ch5, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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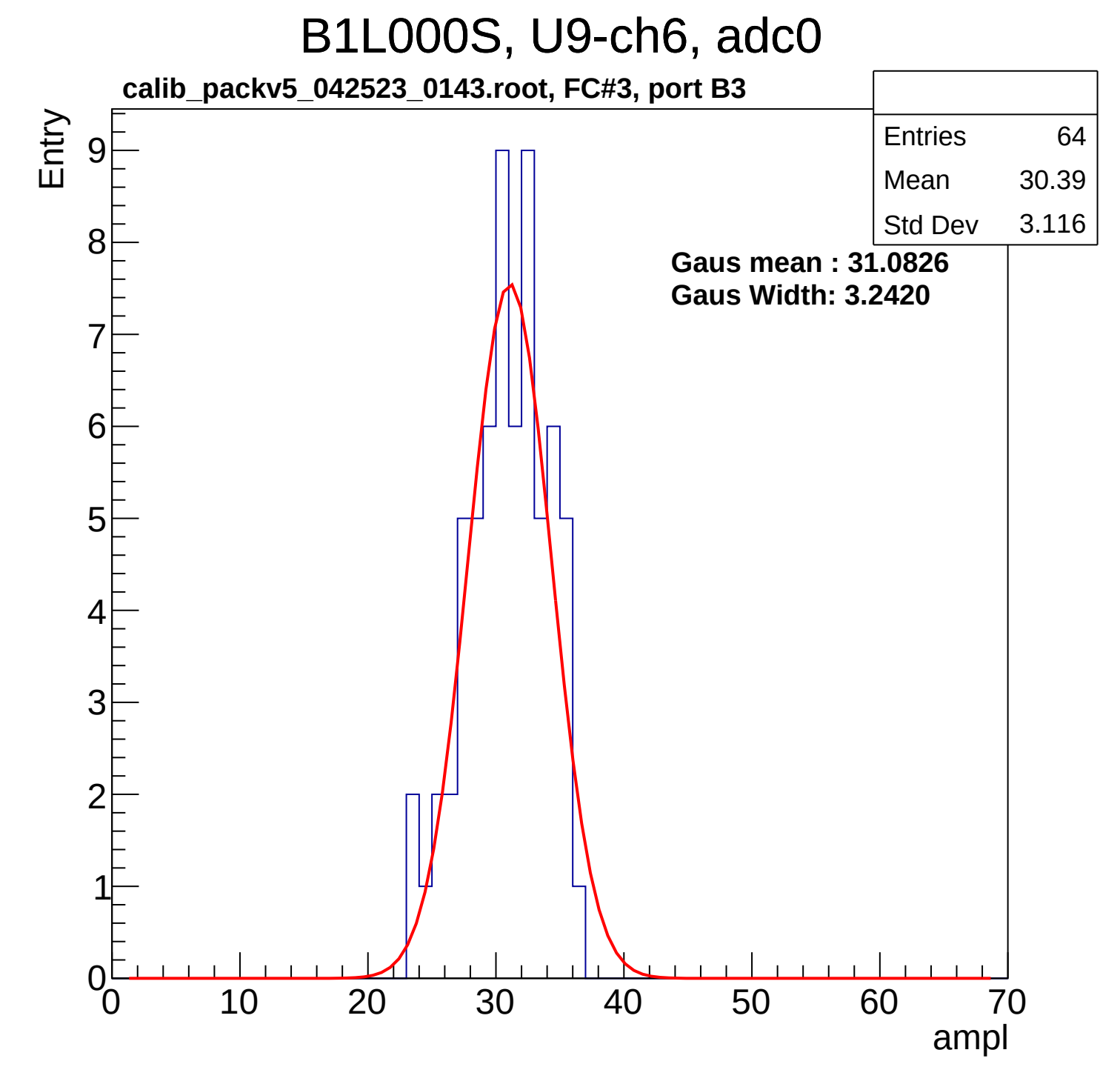
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch6, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 30.39
Std Dev 3.116
Gaus mean : 31.0826
Gaus Width: 3.2420
Entry
ampl
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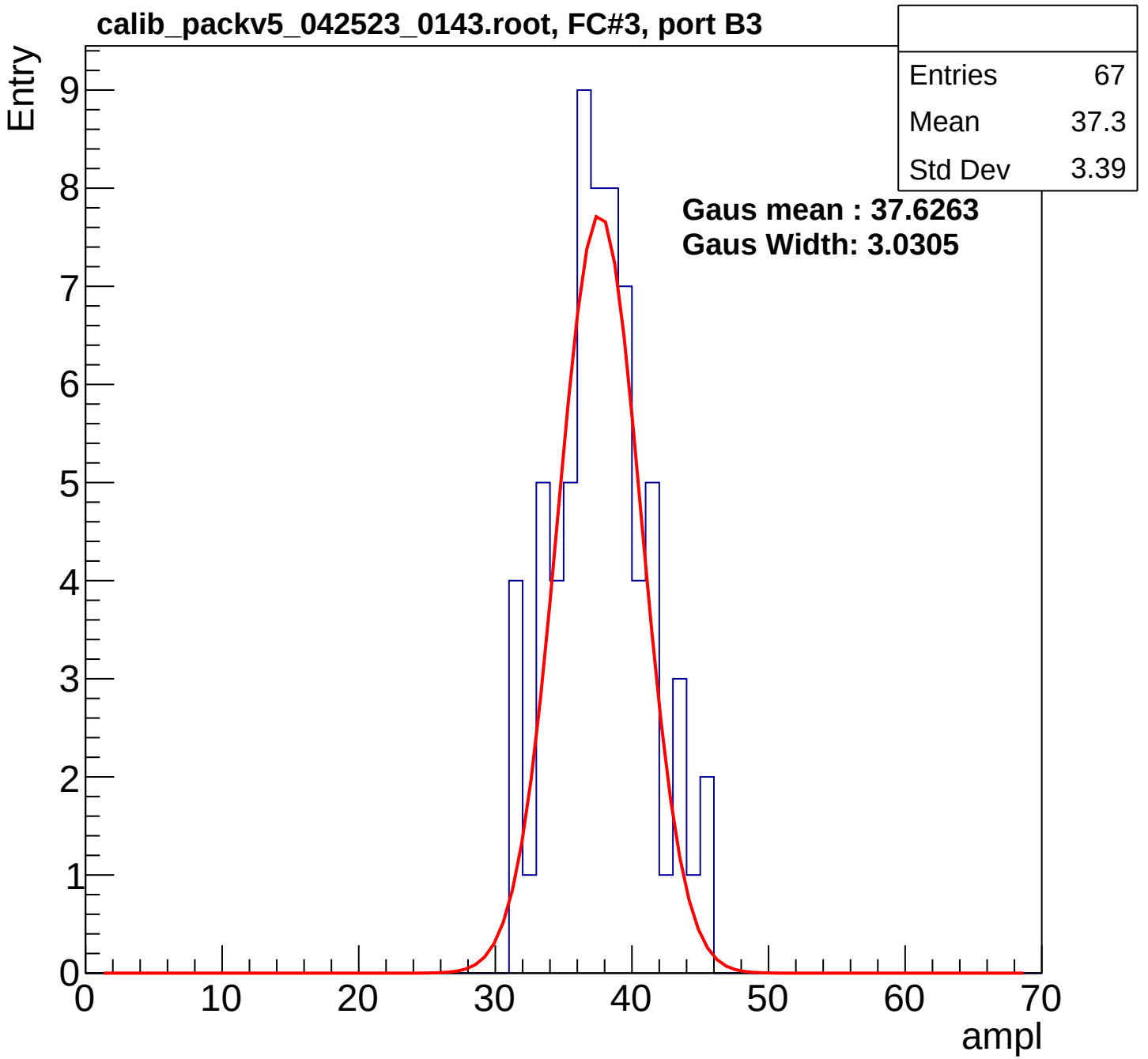
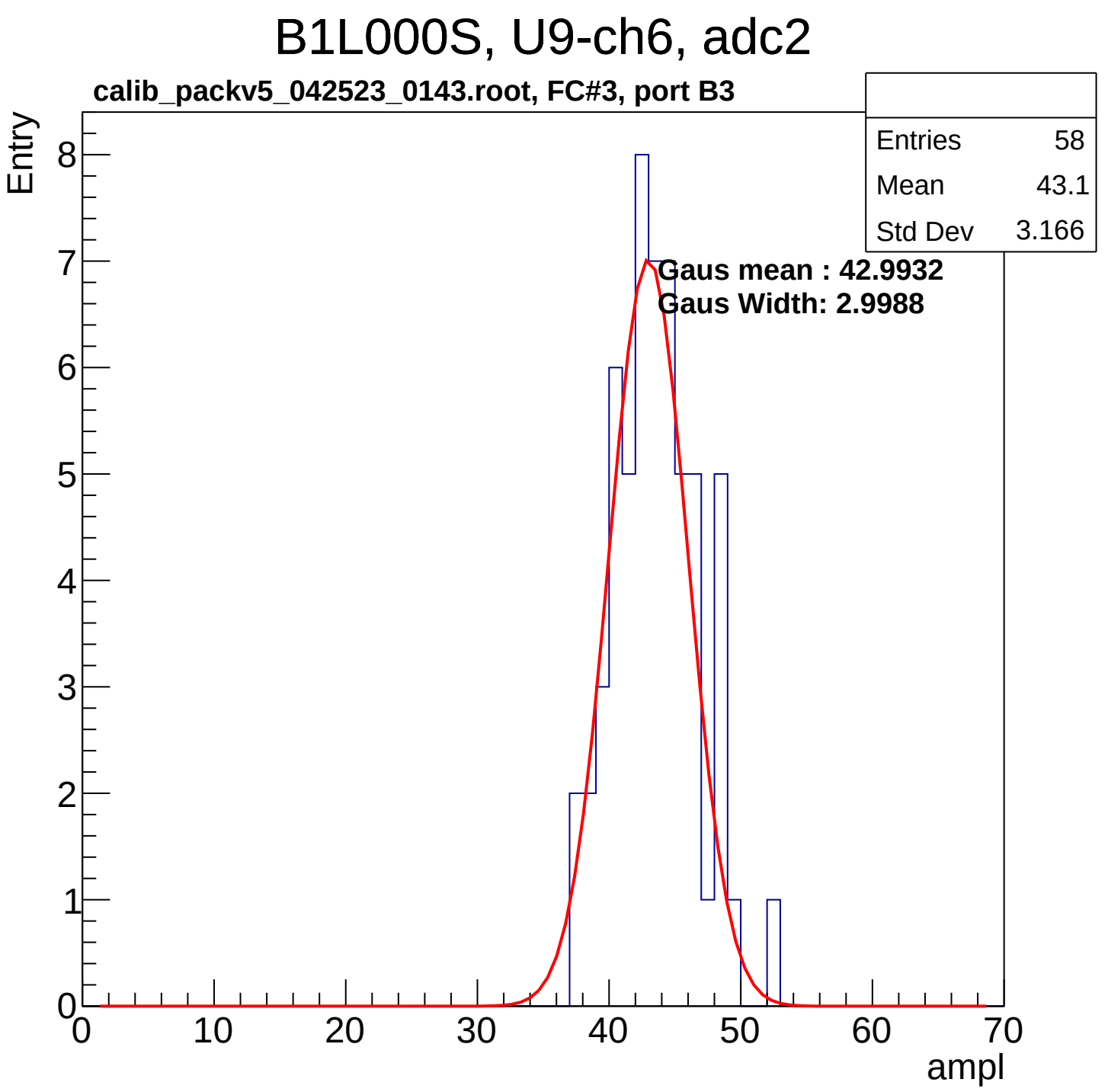
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U9-ch6, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 37.3
Std Dev 3.39
Gaus mean : 37.6263
Gaus Width: 3.0305
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch6, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 43.1
Std Dev 3.166
Gaus mean : 42.9932
Gaus Width: 2.9988
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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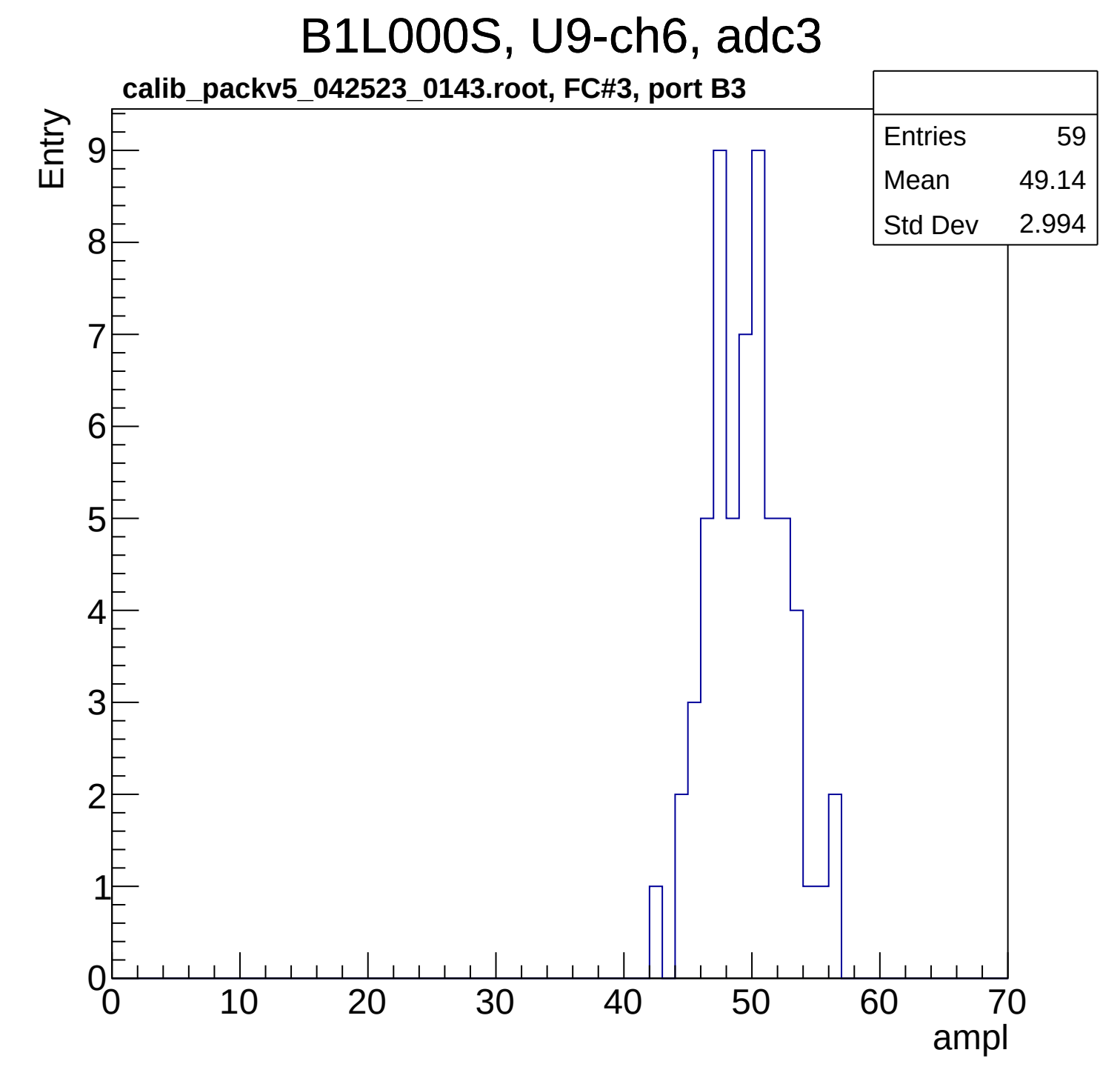
40
50
60
70


B1L000S, U9-ch6, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 49.14
Std Dev 2.994
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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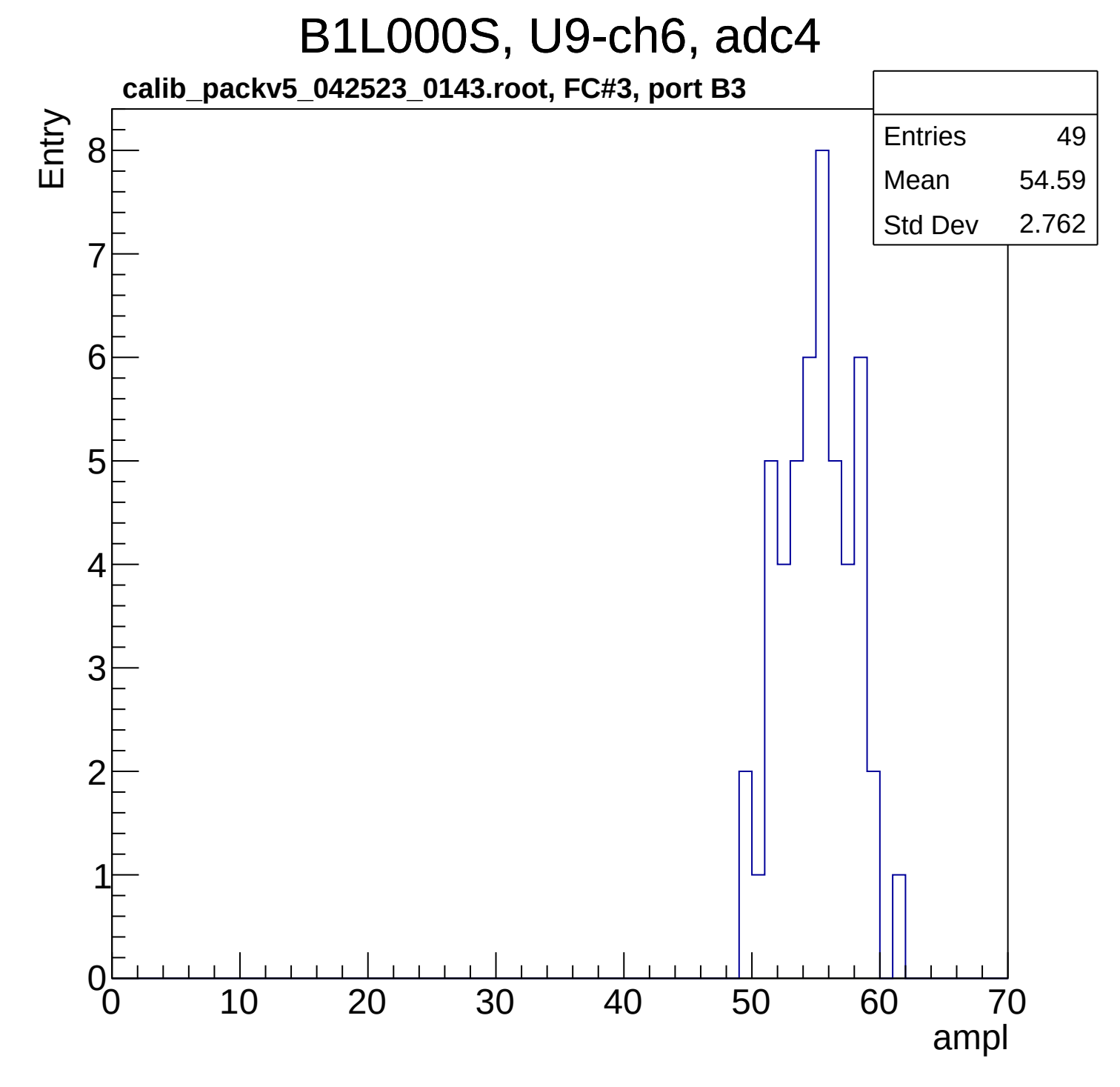
60
70


B1L000S, U9-ch6, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.59
Std Dev 2.762
Entry
ampl
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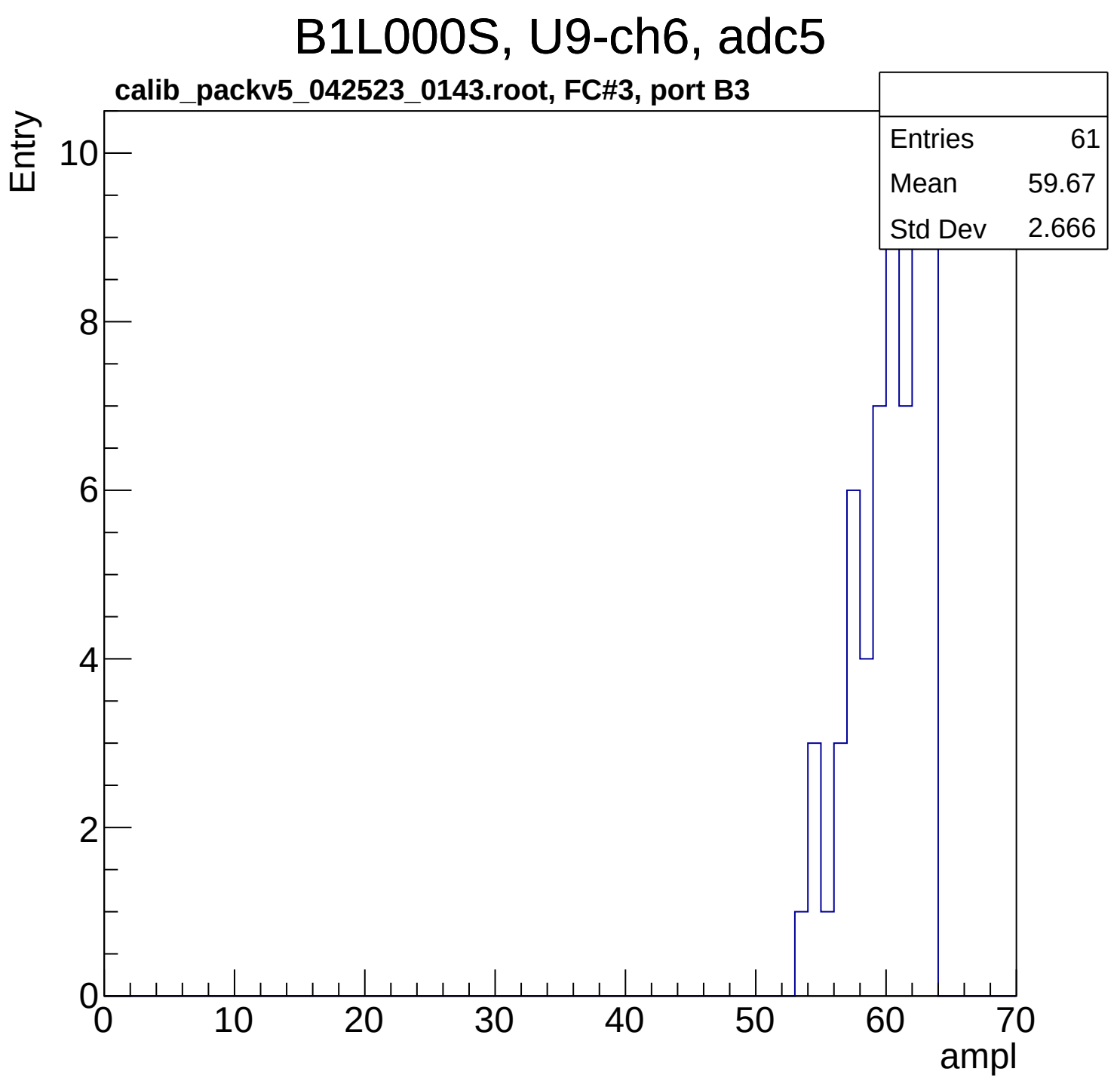
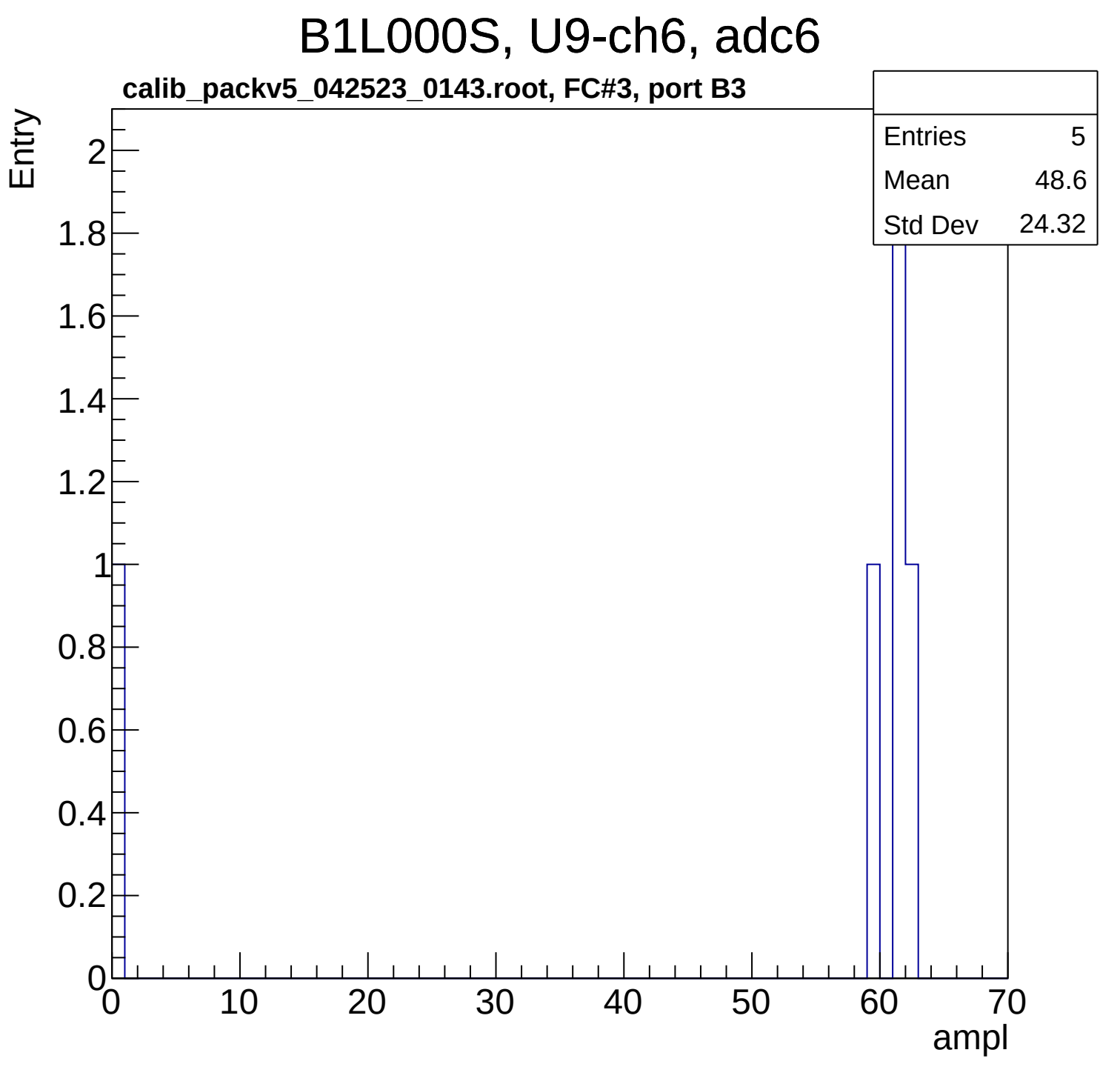
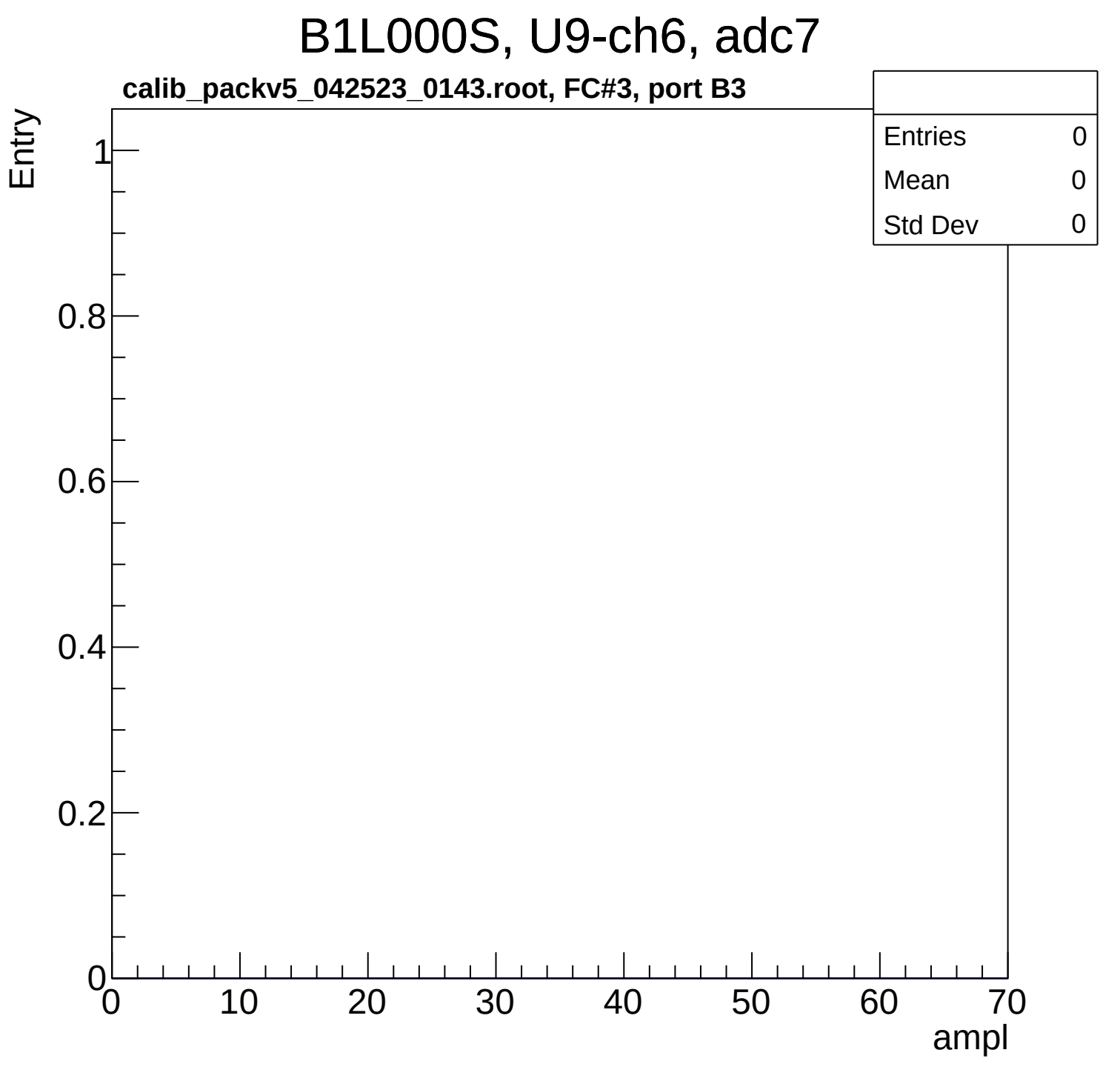
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch6, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 59.67
Std Dev 2.666
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch6, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 48.6
Std Dev 24.32
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


B1L000S, U9-ch6, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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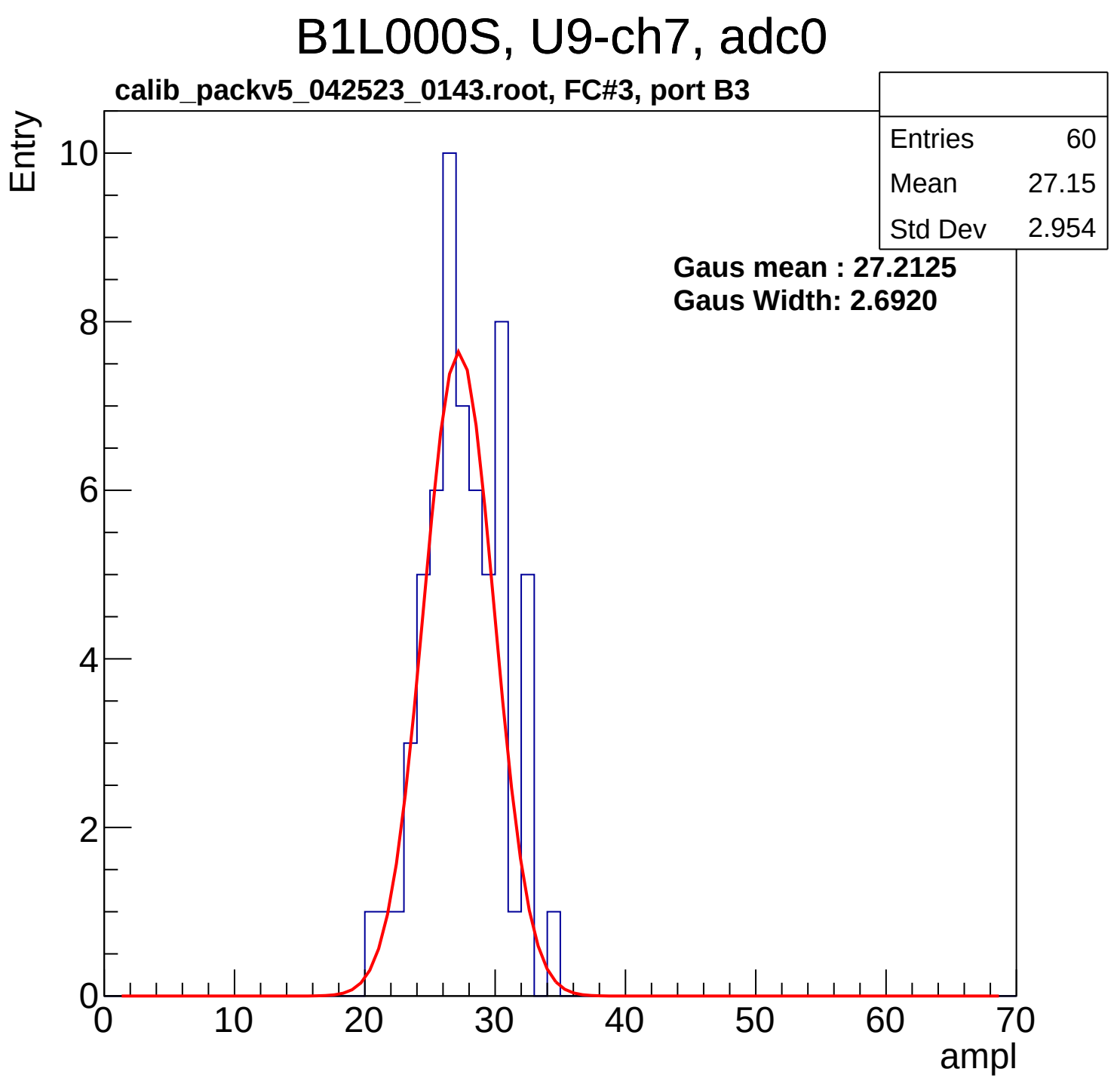
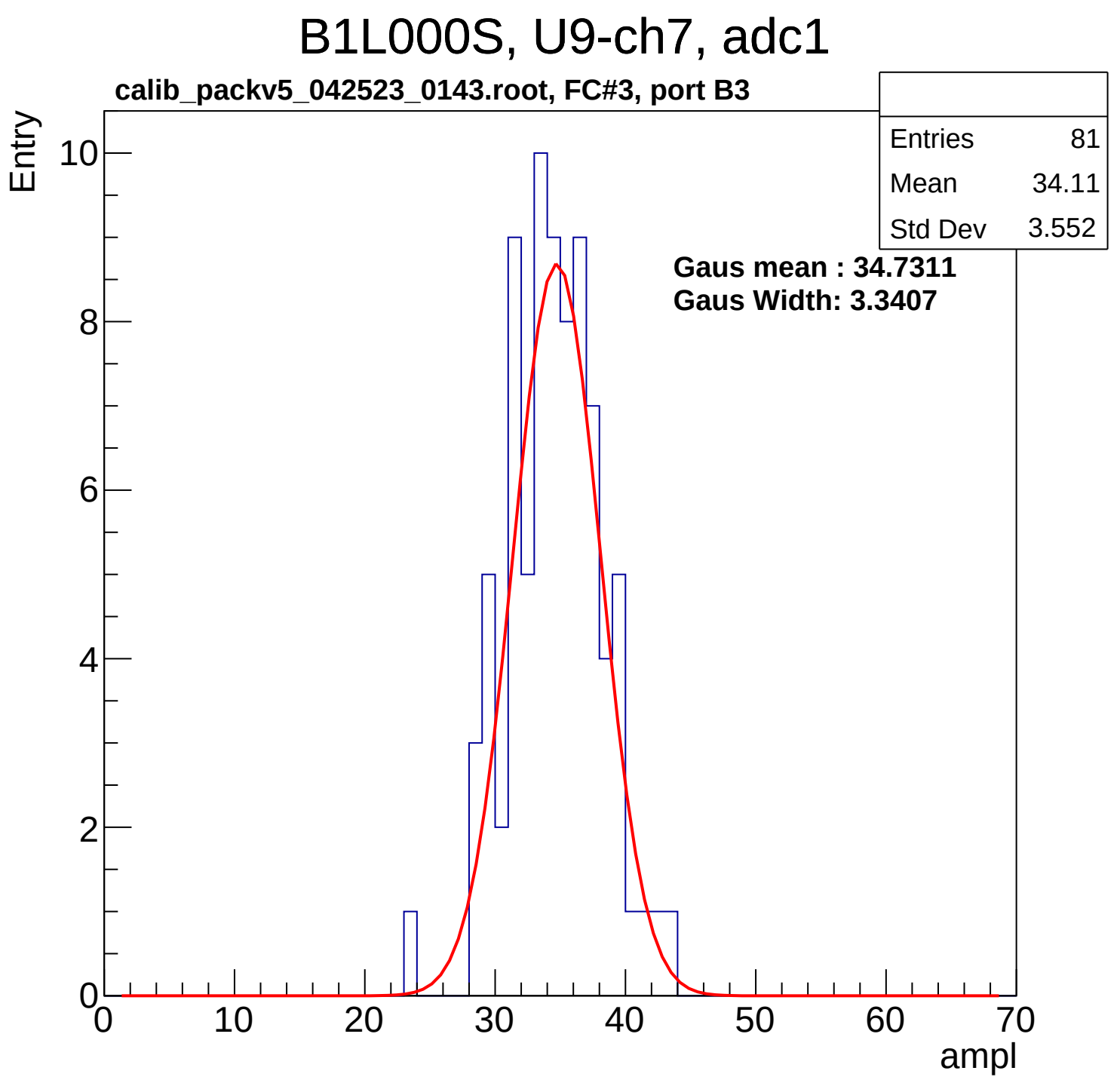
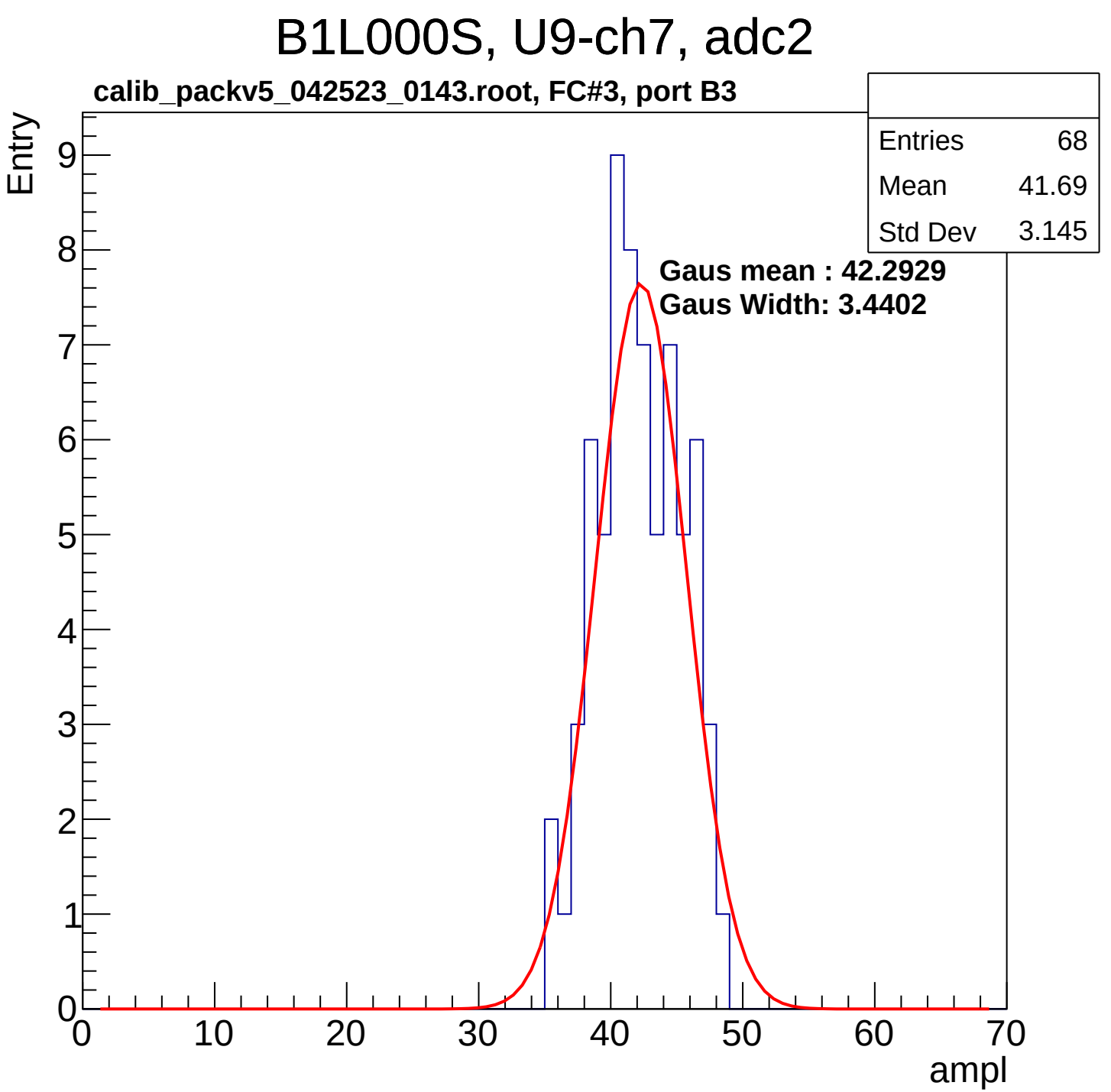
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch7, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 27.15
Std Dev 2.954
Gaus mean : 27.2125
Gaus Width: 2.6920
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch7, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 34.11
Std Dev 3.552
Gaus mean : 34.7311
Gaus Width: 3.3407
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch7, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 41.69
Std Dev 3.145
Gaus mean : 42.2929
Gaus Width: 3.4402
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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60
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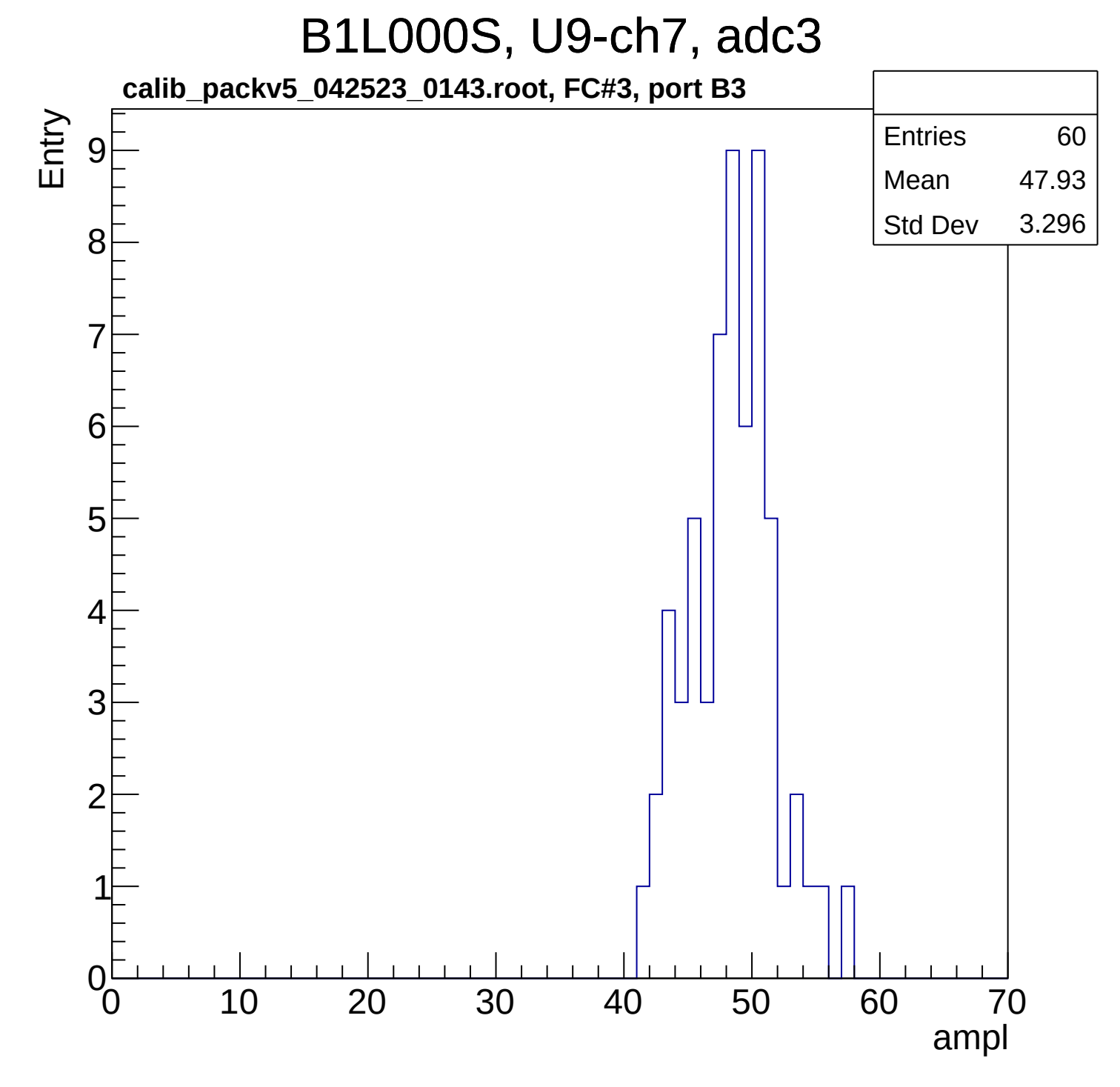
B1L000S, U9-ch7, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.93
Std Dev 3.296
Entry
ampl
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2
3
4
5
6
7
8
9
0
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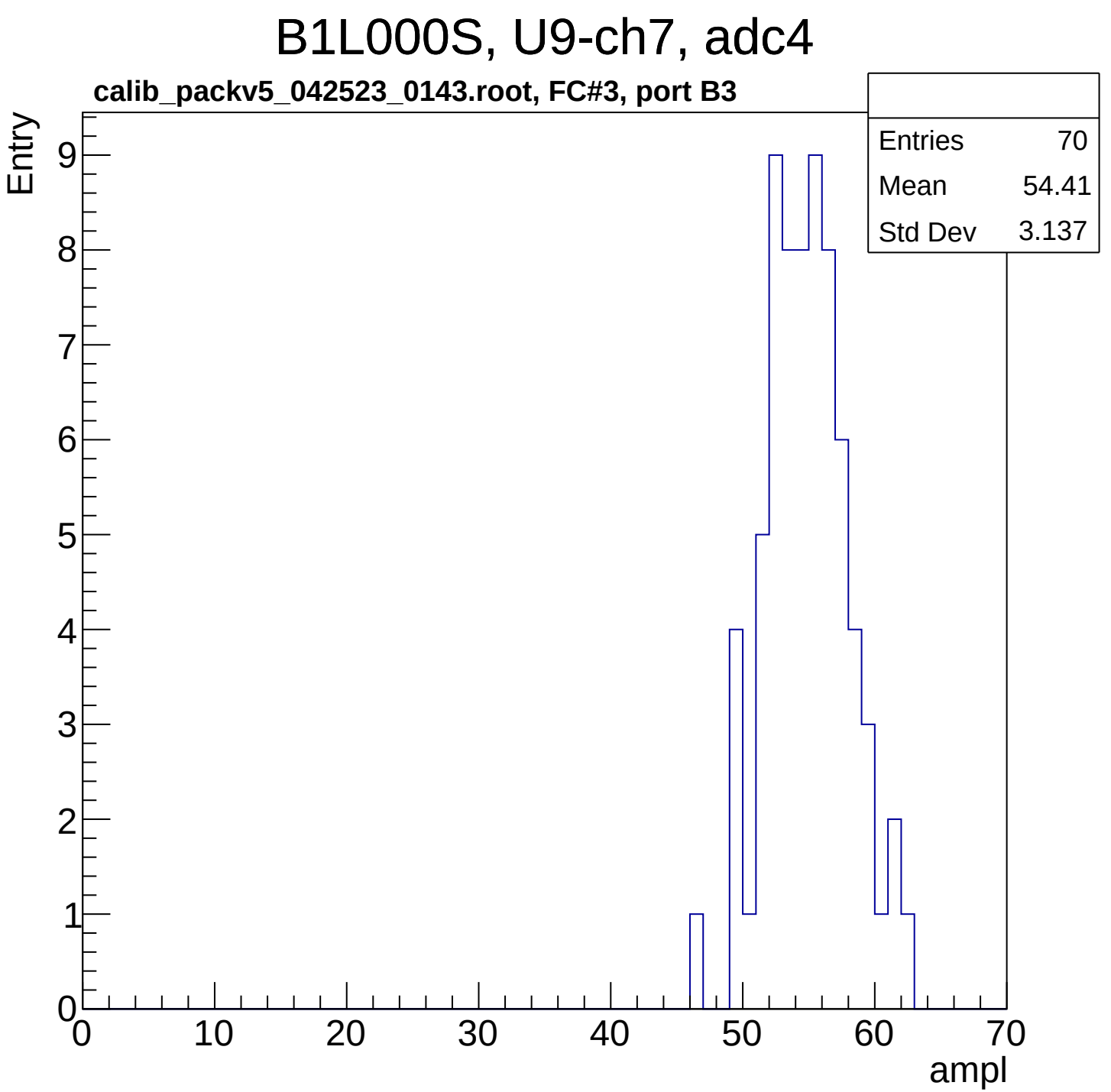
B1L000S, U9-ch7, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 54.41
Std Dev 3.137
Entry
ampl
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2
3
4
5
6
7
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9
0
10
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40
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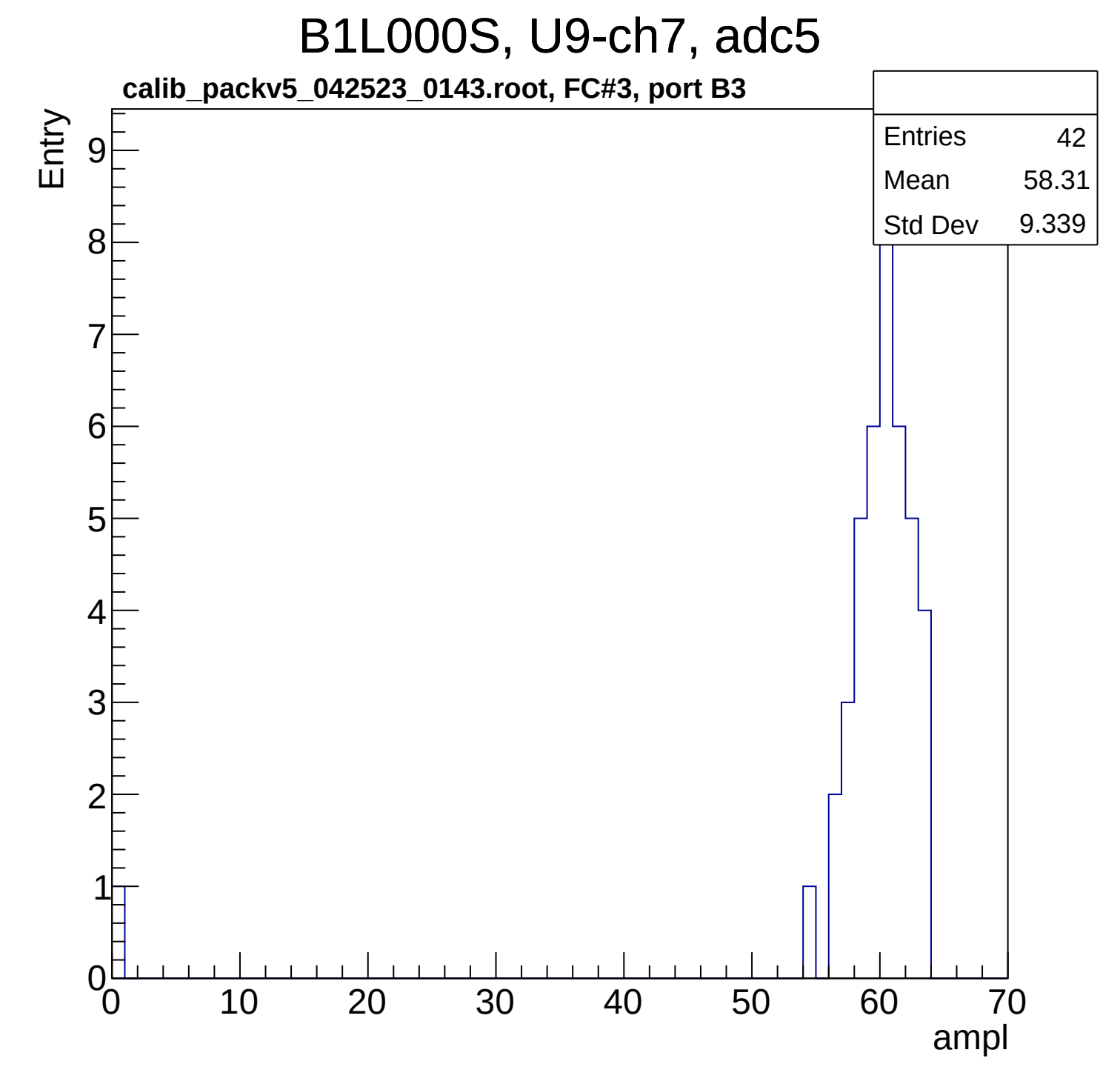
60
70


B1L000S, U9-ch7, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 58.31
Std Dev 9.339
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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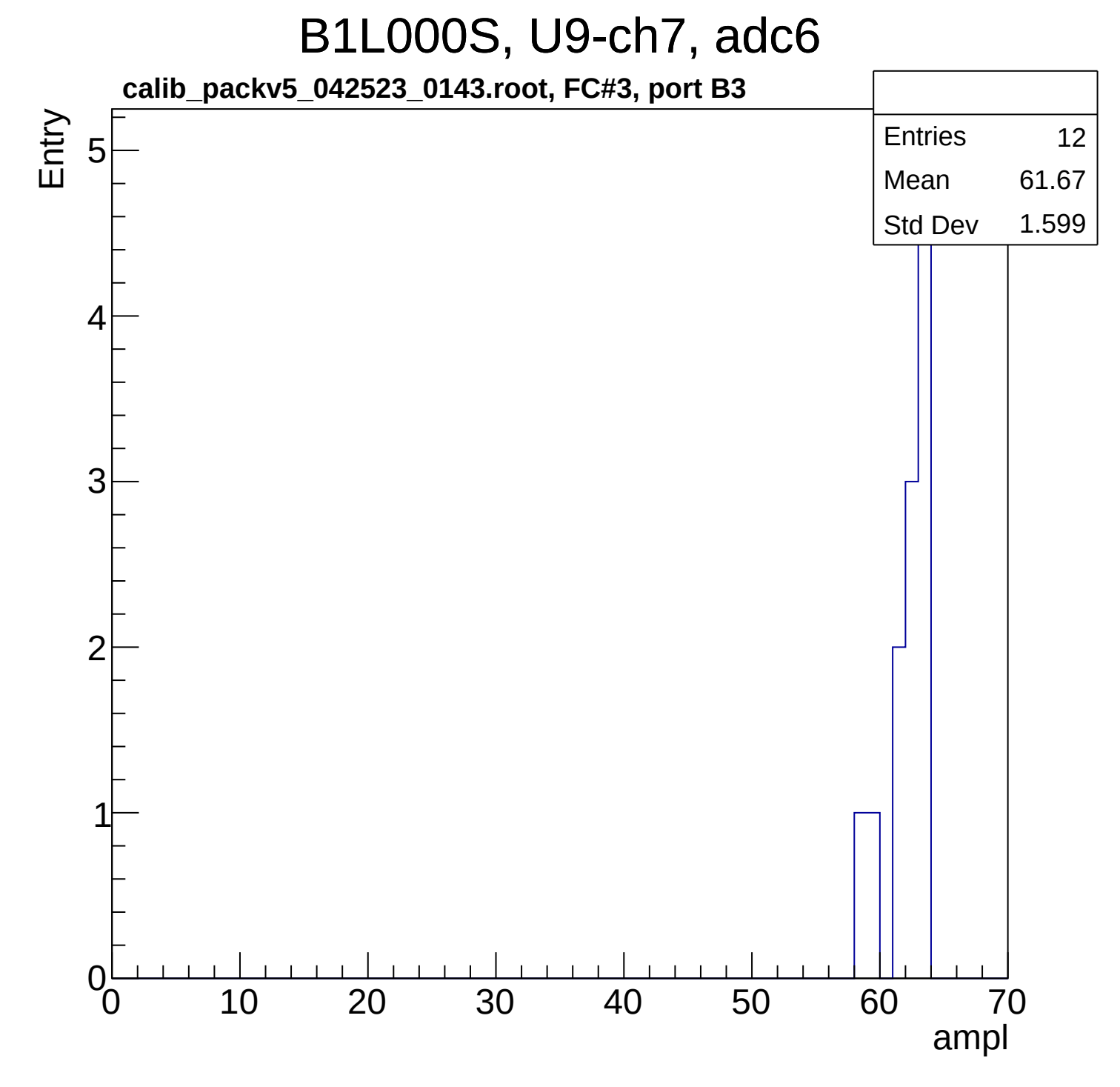
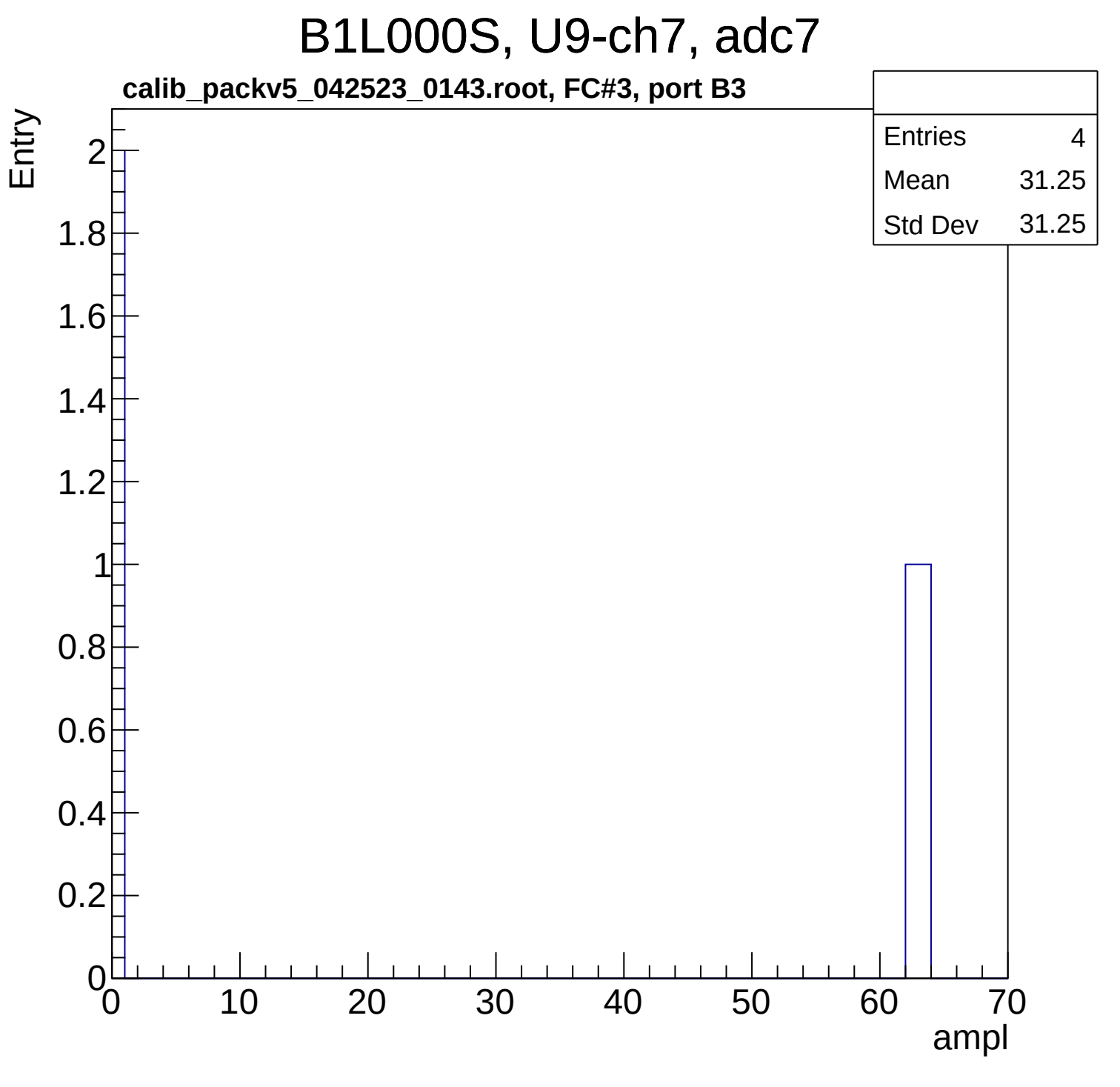

B1L000S, U9-ch7, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.67
Std Dev 1.599
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch7, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 31.25
Std Dev 31.25
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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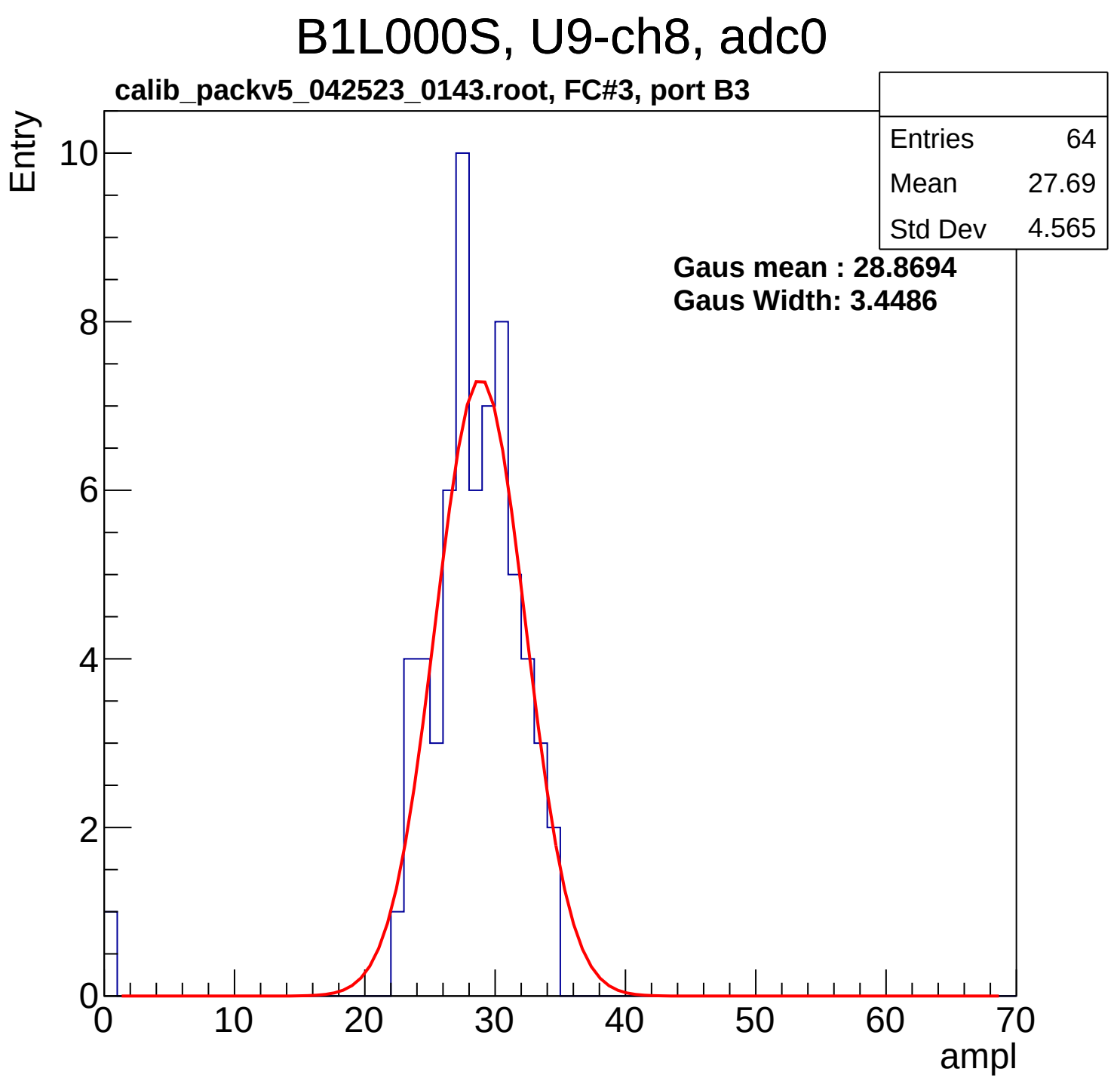
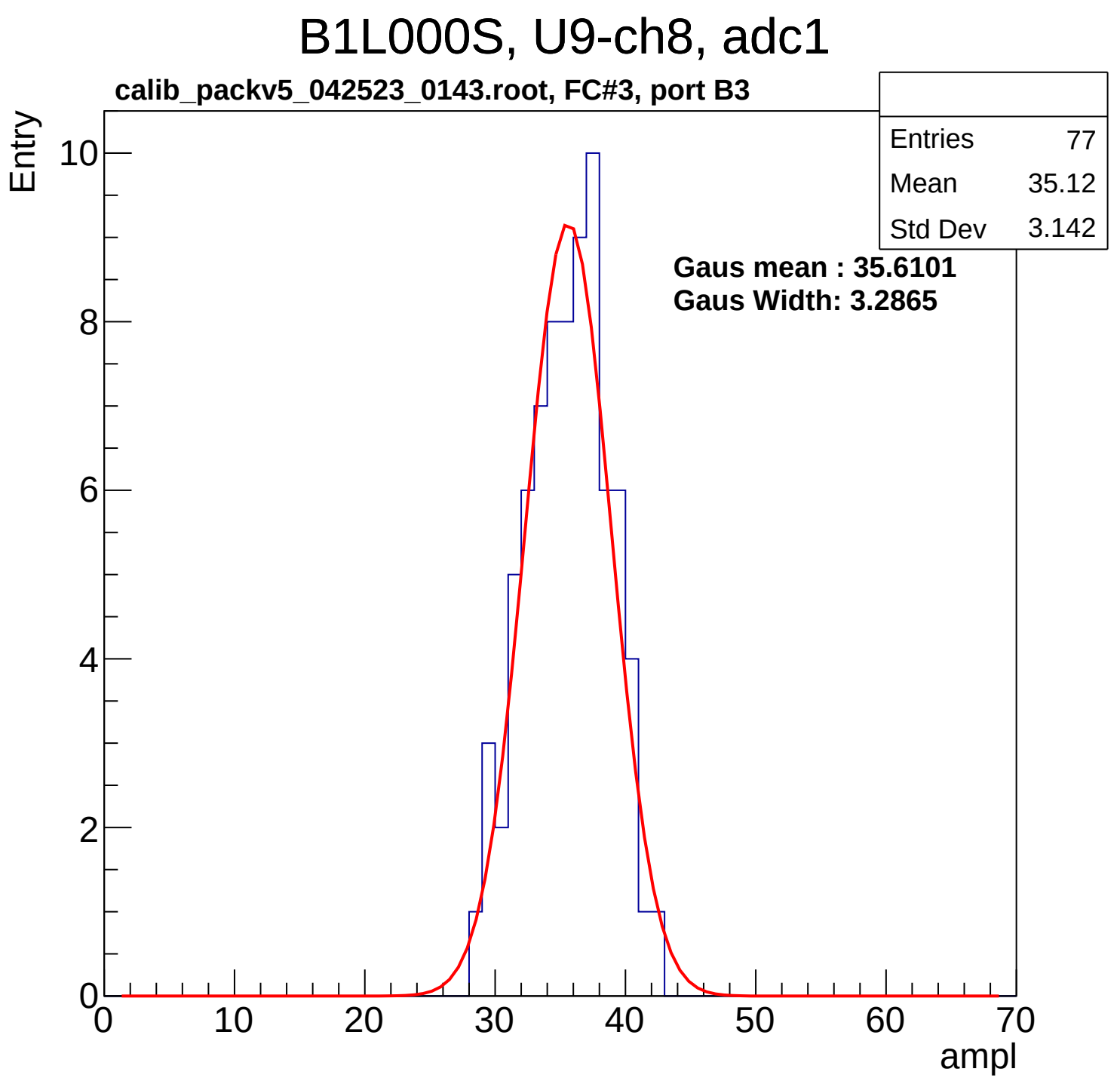

B1L000S, U9-ch8, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 27.69
Std Dev 4.565
Gaus mean : 28.8694
Gaus Width: 3.4486
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch8, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 35.12
Std Dev 3.142
Gaus mean : 35.6101
Gaus Width: 3.2865
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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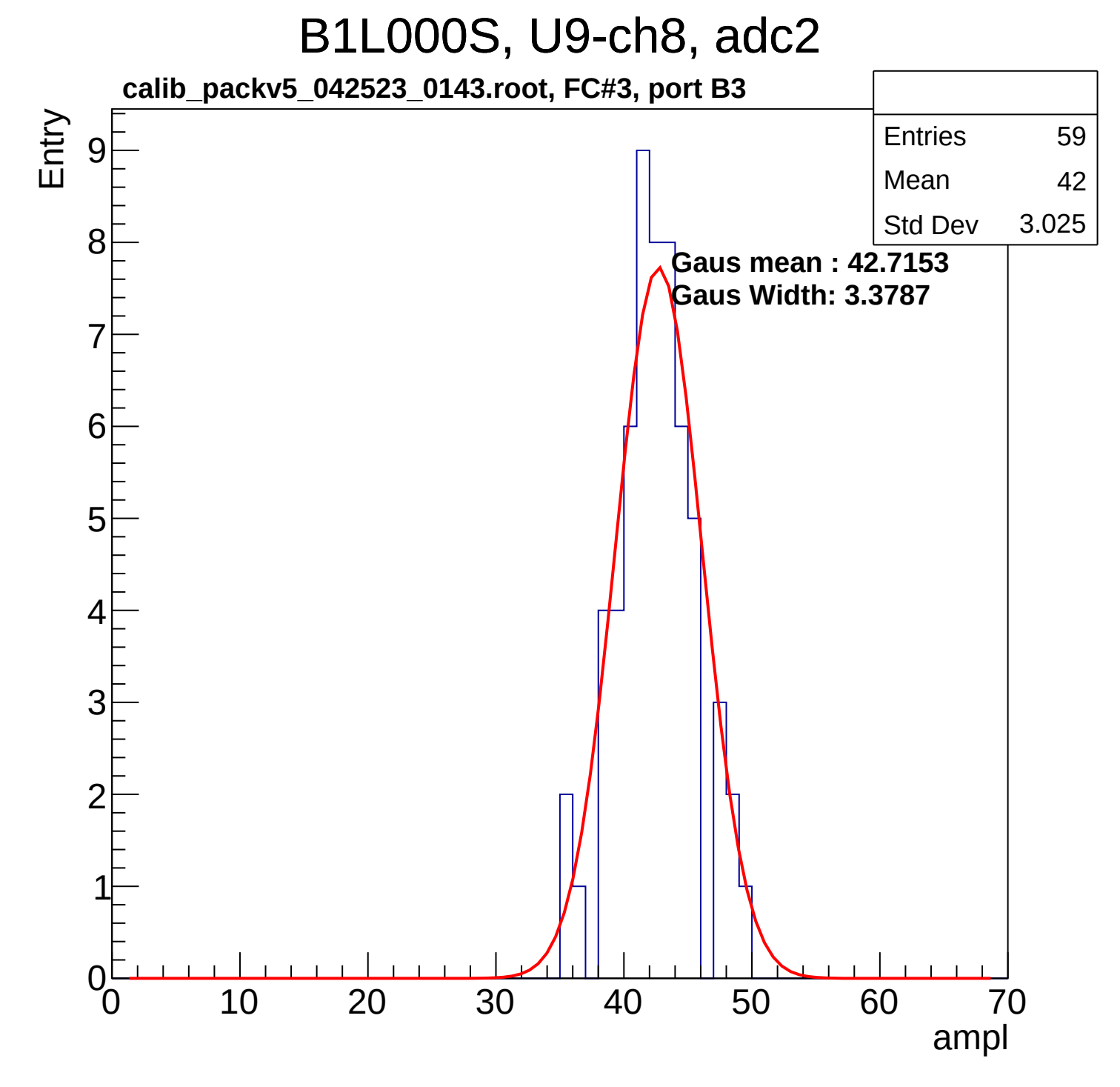
B1L000S, U9-ch8, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 42
Std Dev 3.025
Gaus mean : 42.7153
Gaus Width: 3.3787
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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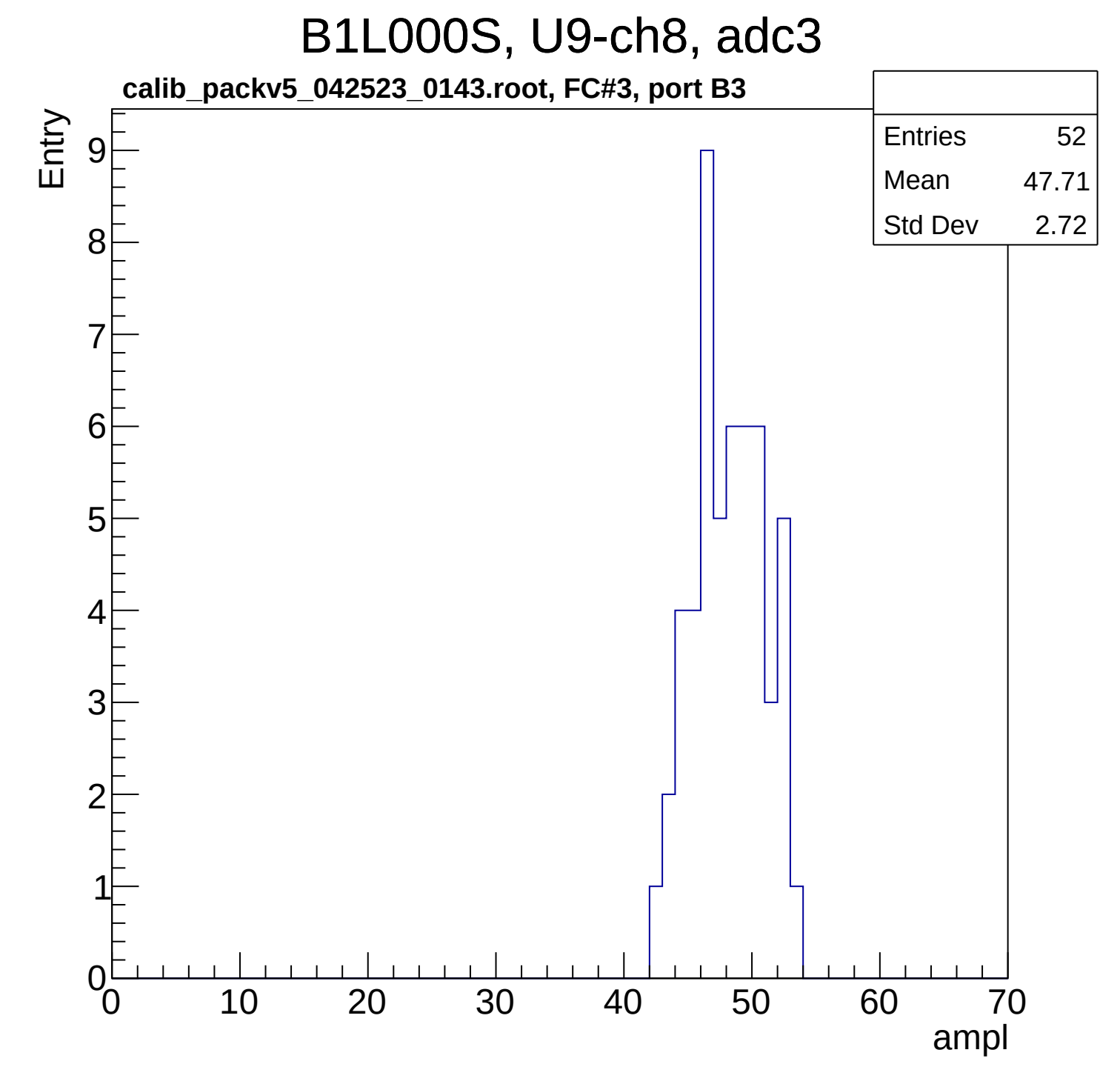
B1L000S, U9-ch8, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.71
Std Dev 2.72
Entry
ampl
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3
4
5
6
7
8
9
0
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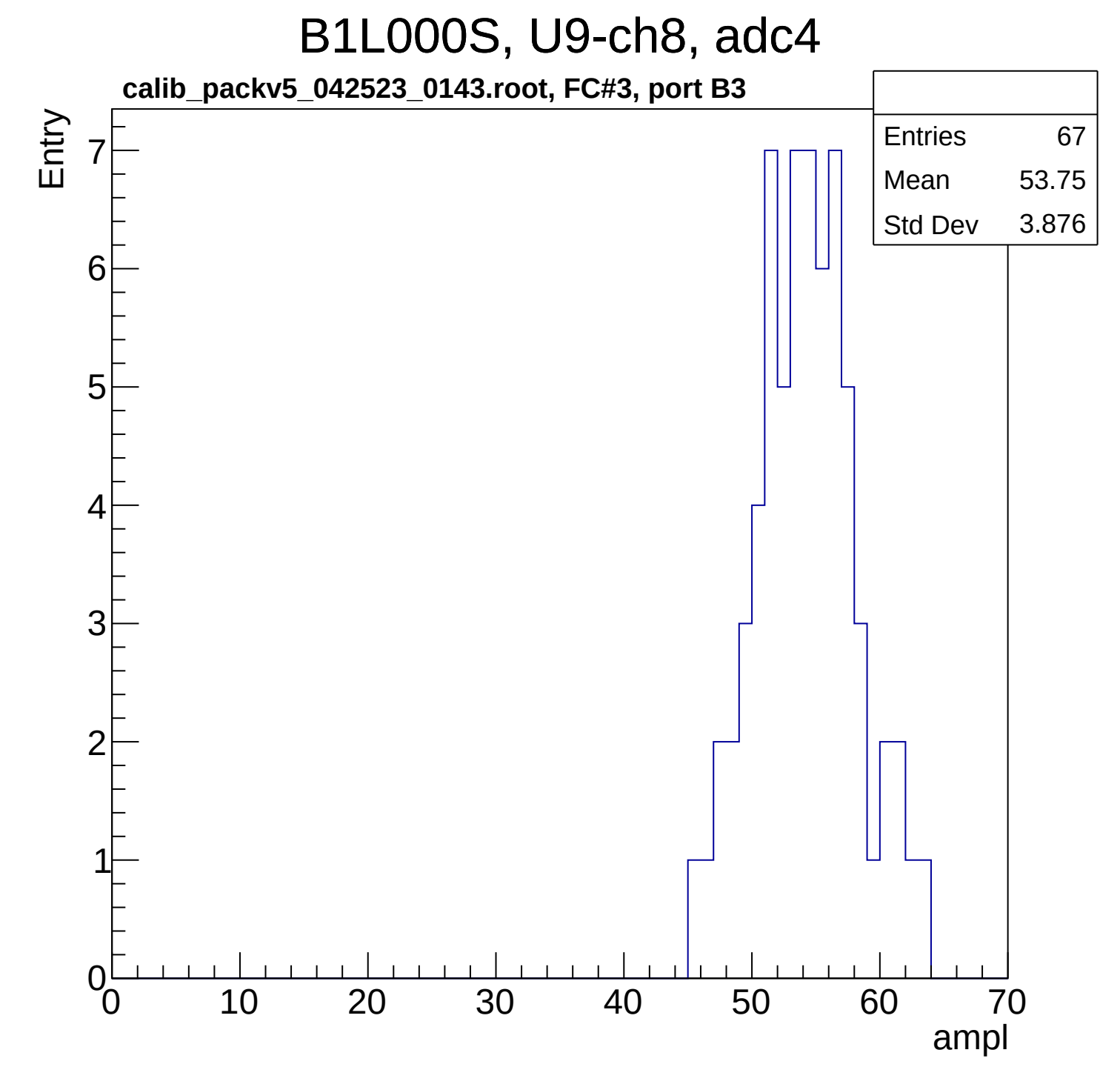
B1L000S, U9-ch8, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 53.75
Std Dev 3.876
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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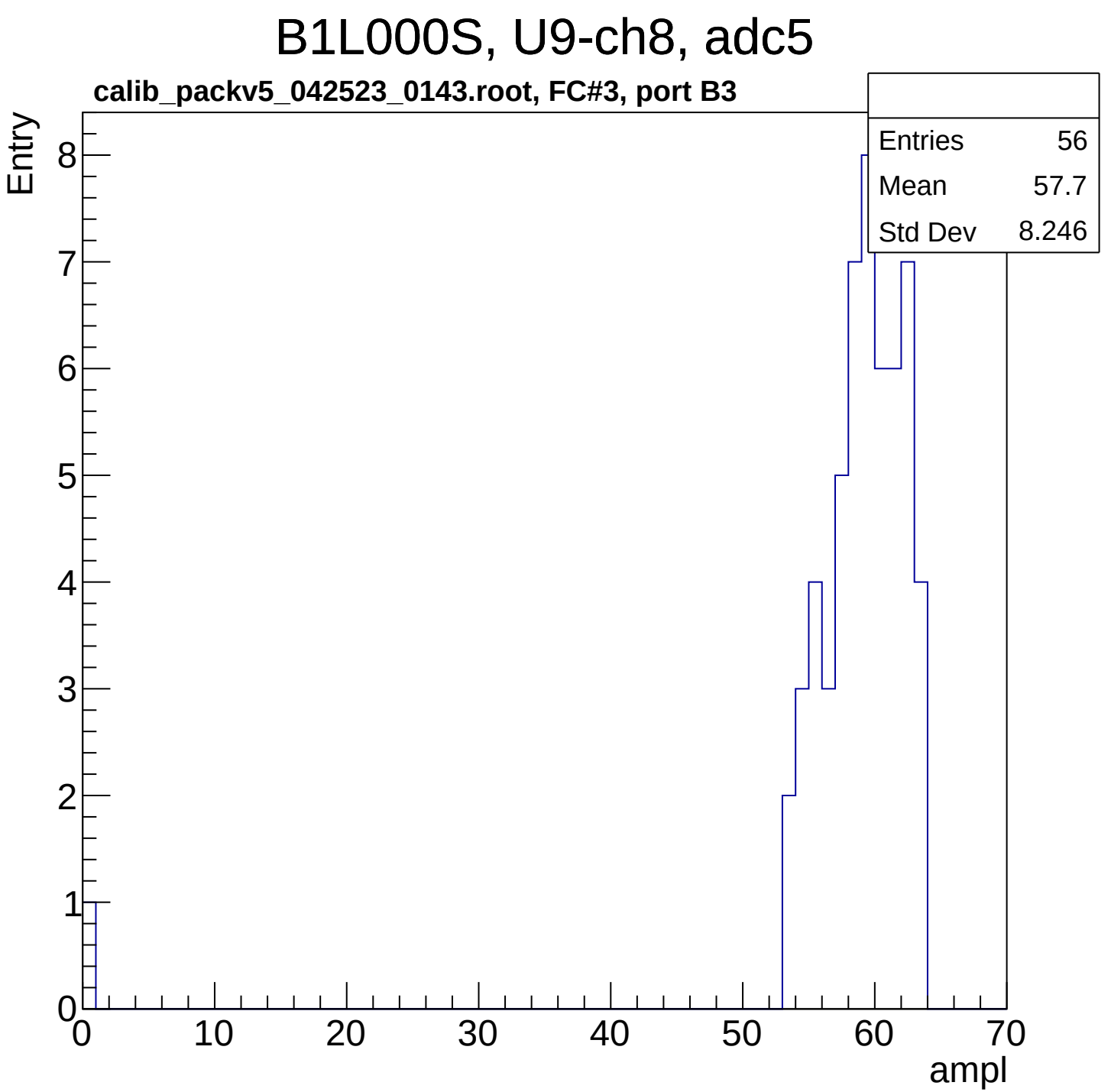
B1L000S, U9-ch8, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.7
Std Dev 8.246
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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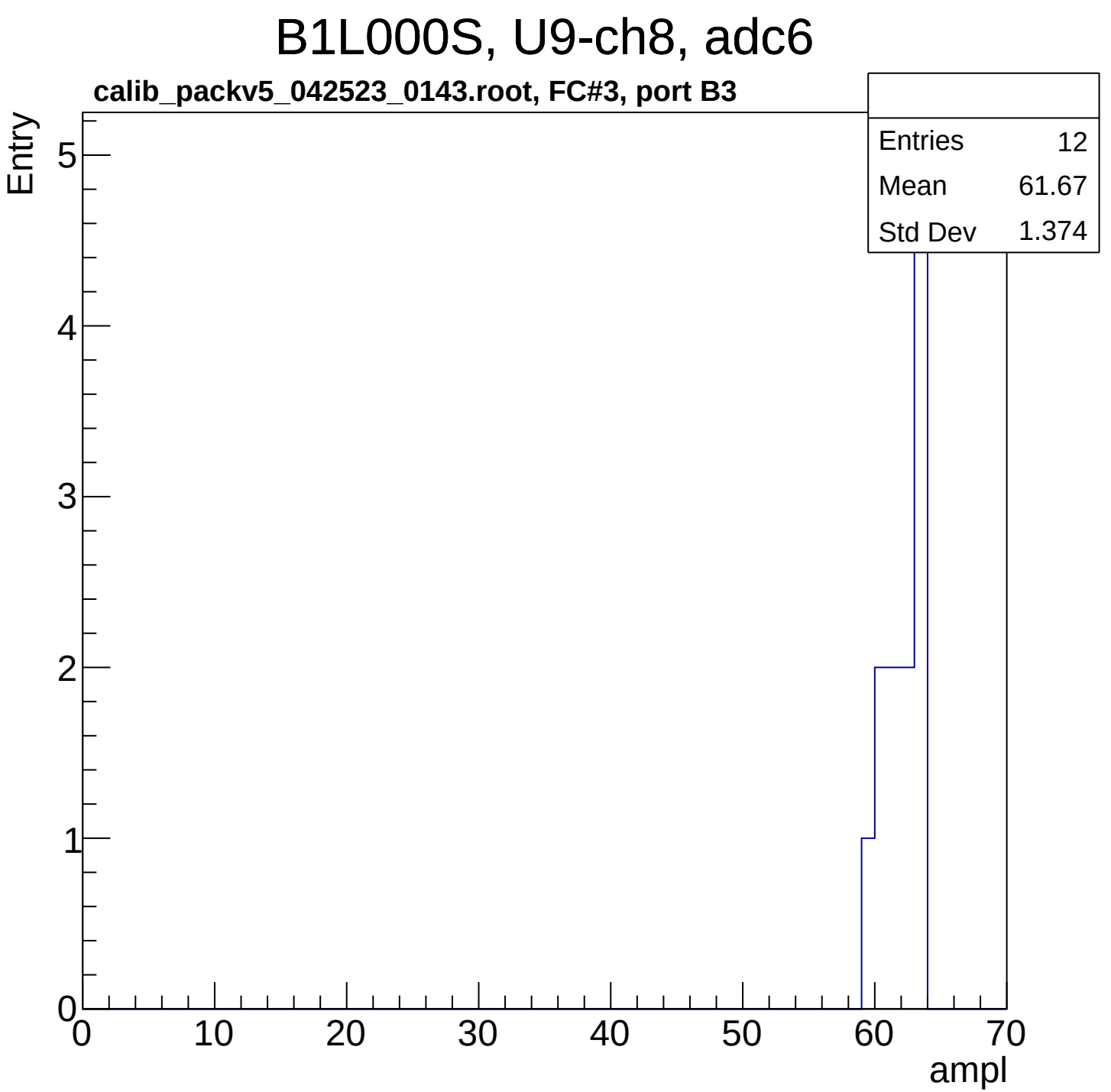
B1L000S, U9-ch8, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.67
Std Dev 1.374
Entry
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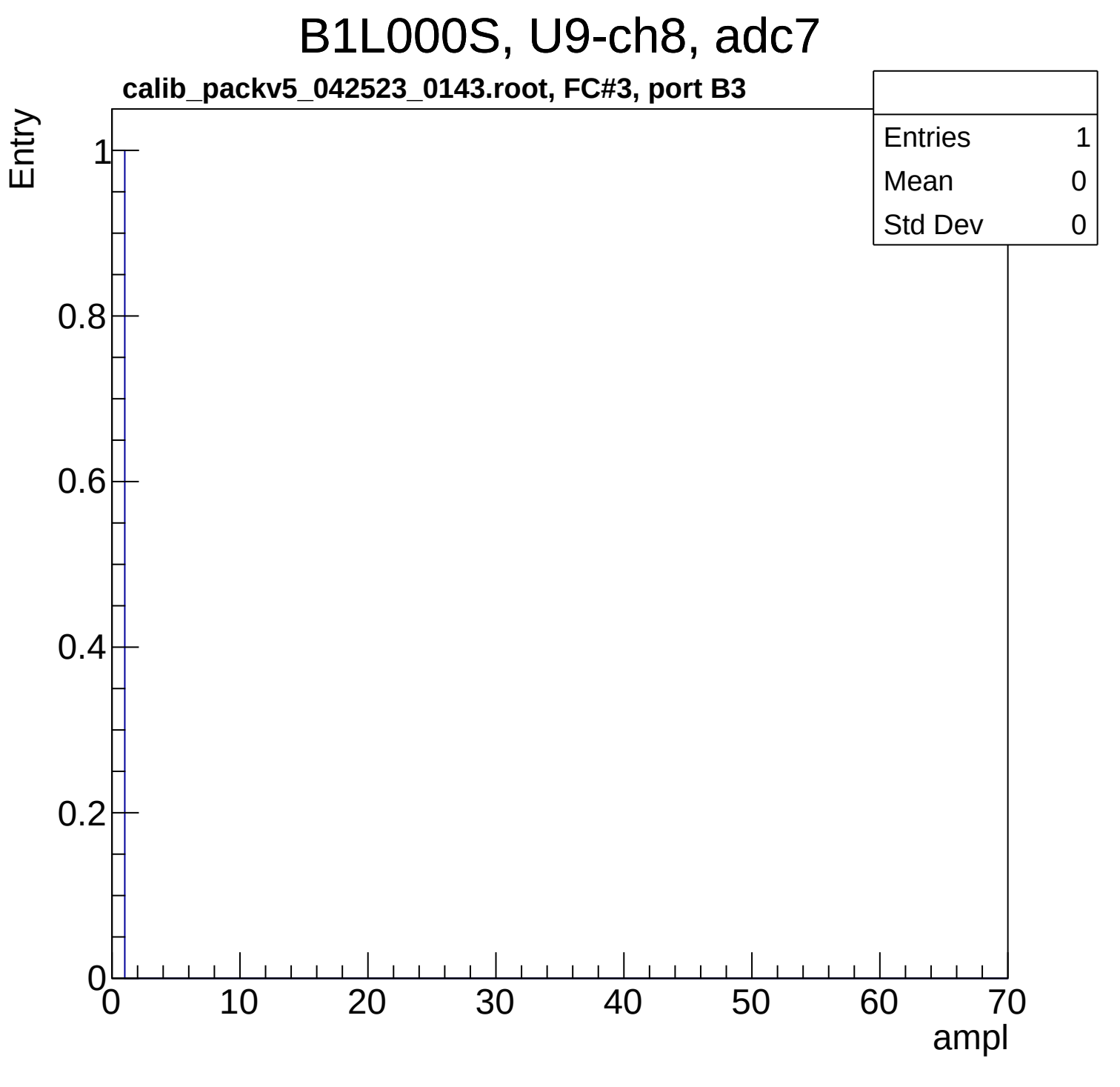
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch8, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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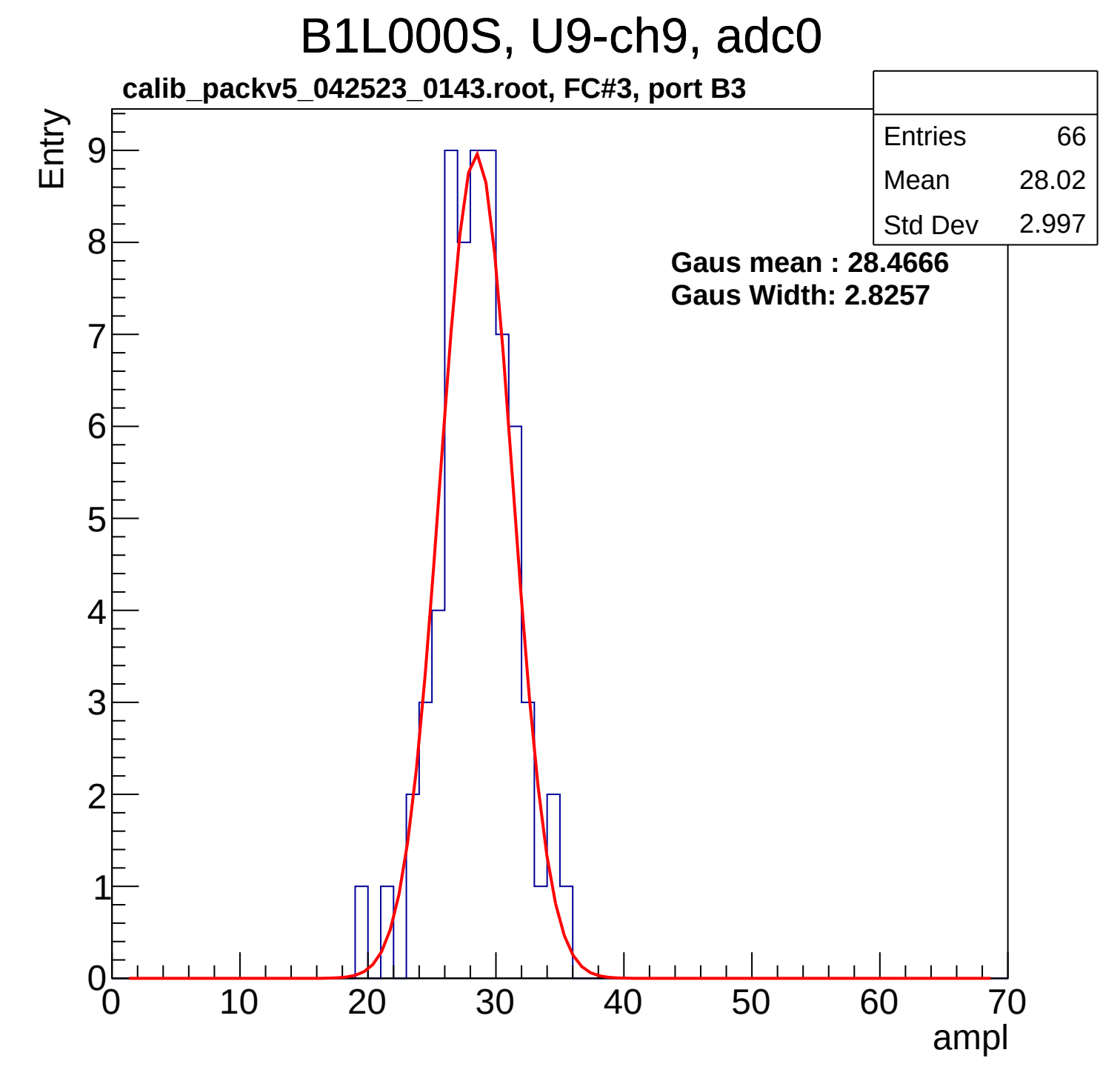
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch9, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 28.02
Std Dev 2.997
Gaus mean : 28.4666
Gaus Width: 2.8257
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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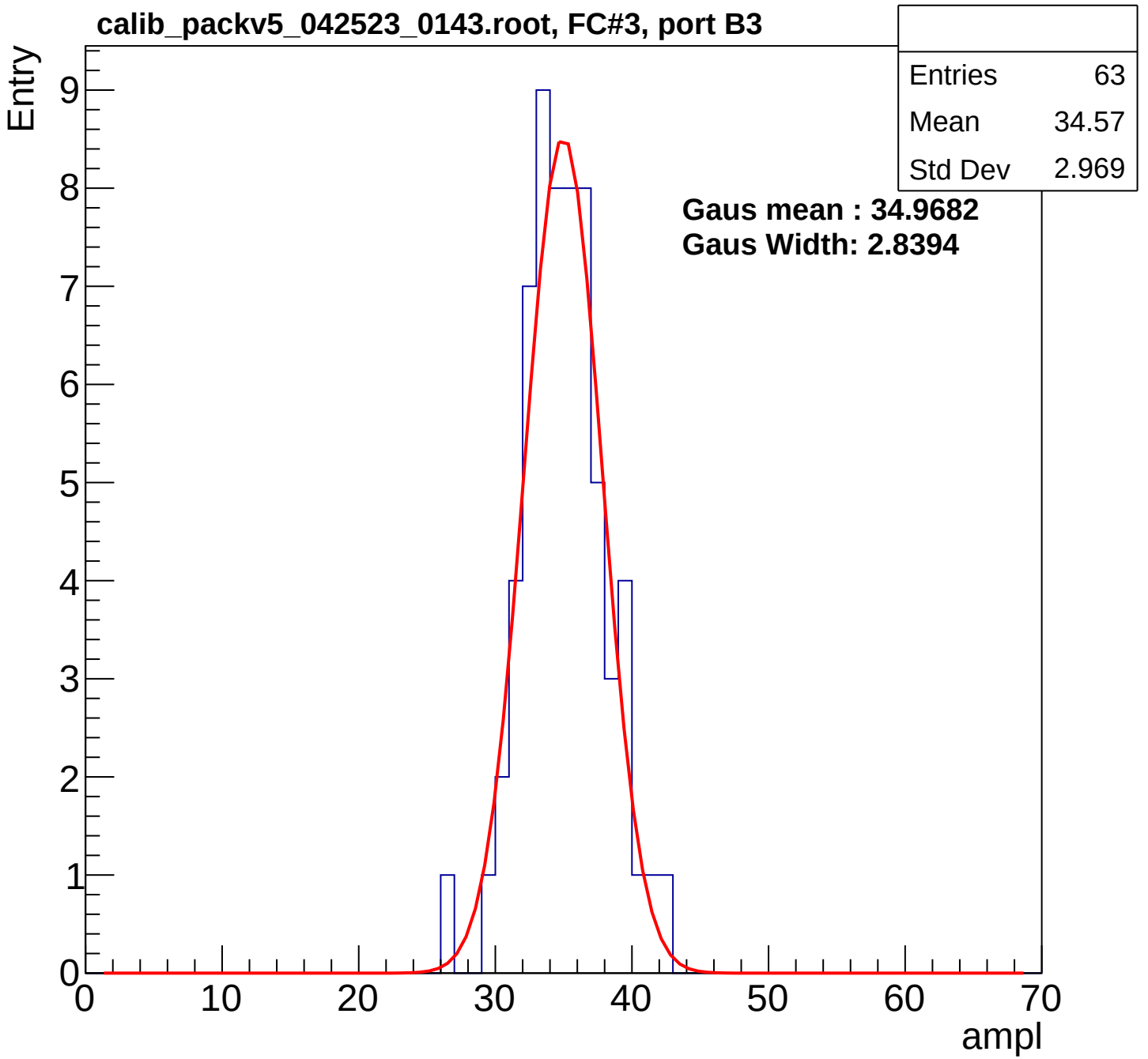
B1L000S, U9-ch9, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 34.57
Std Dev 2.969
Gaus mean : 34.9682
Gaus Width: 2.8394
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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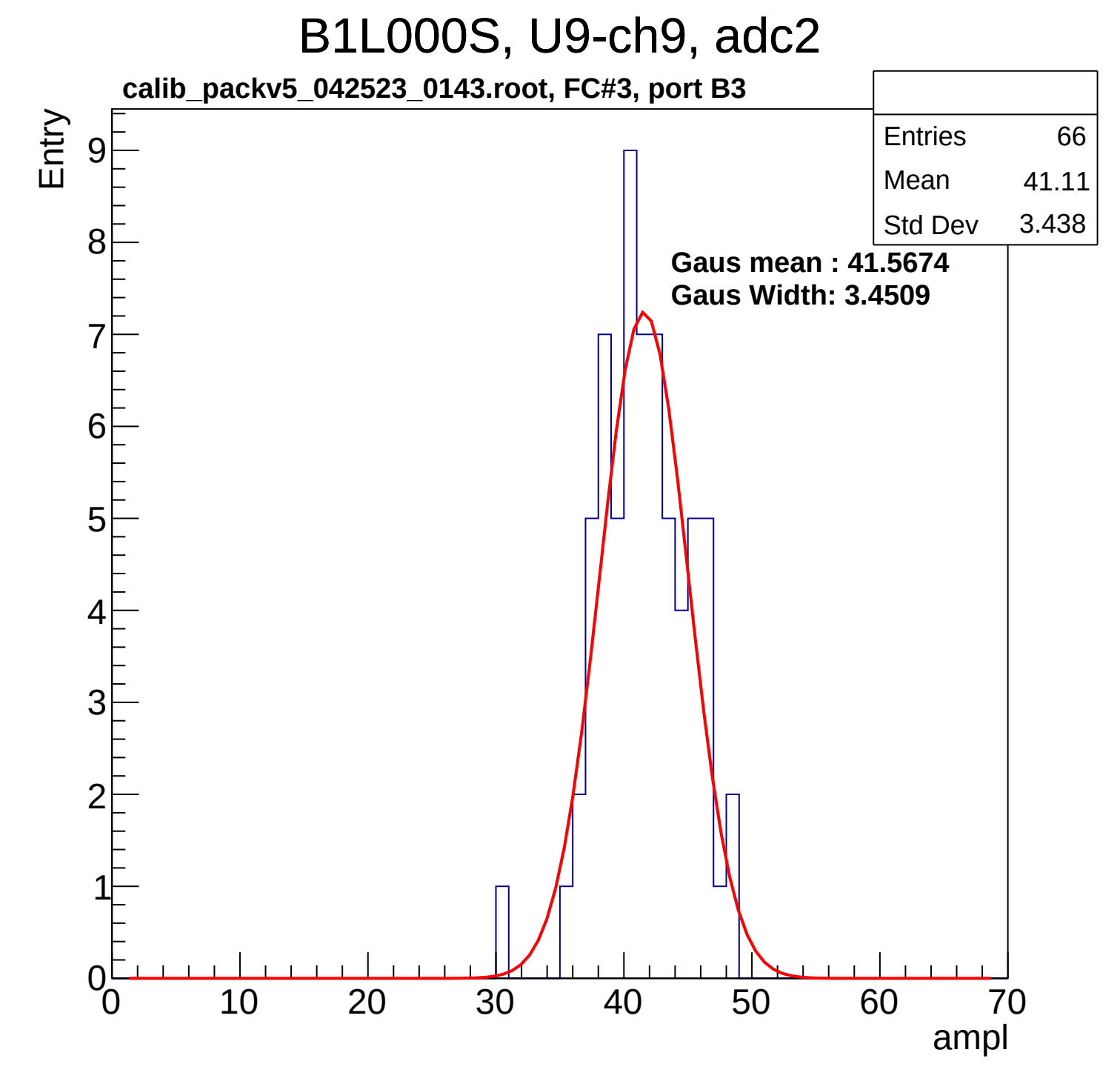
B1L000S, U9-ch9, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 41.11
Std Dev 3.438
Gaus mean : 41.5674
Gaus Width: 3.4509
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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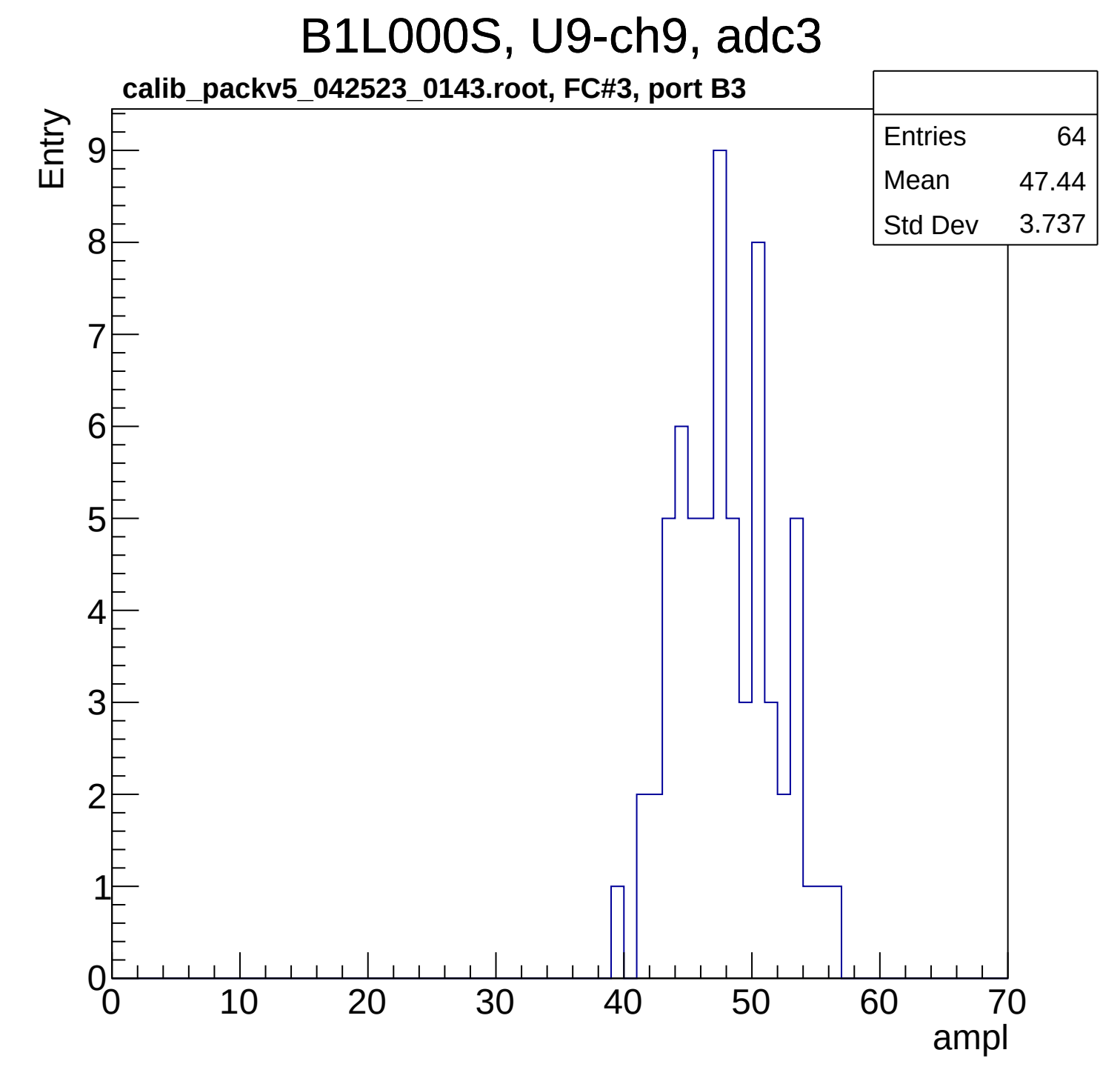
B1L000S, U9-ch9, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.44
Std Dev 3.737
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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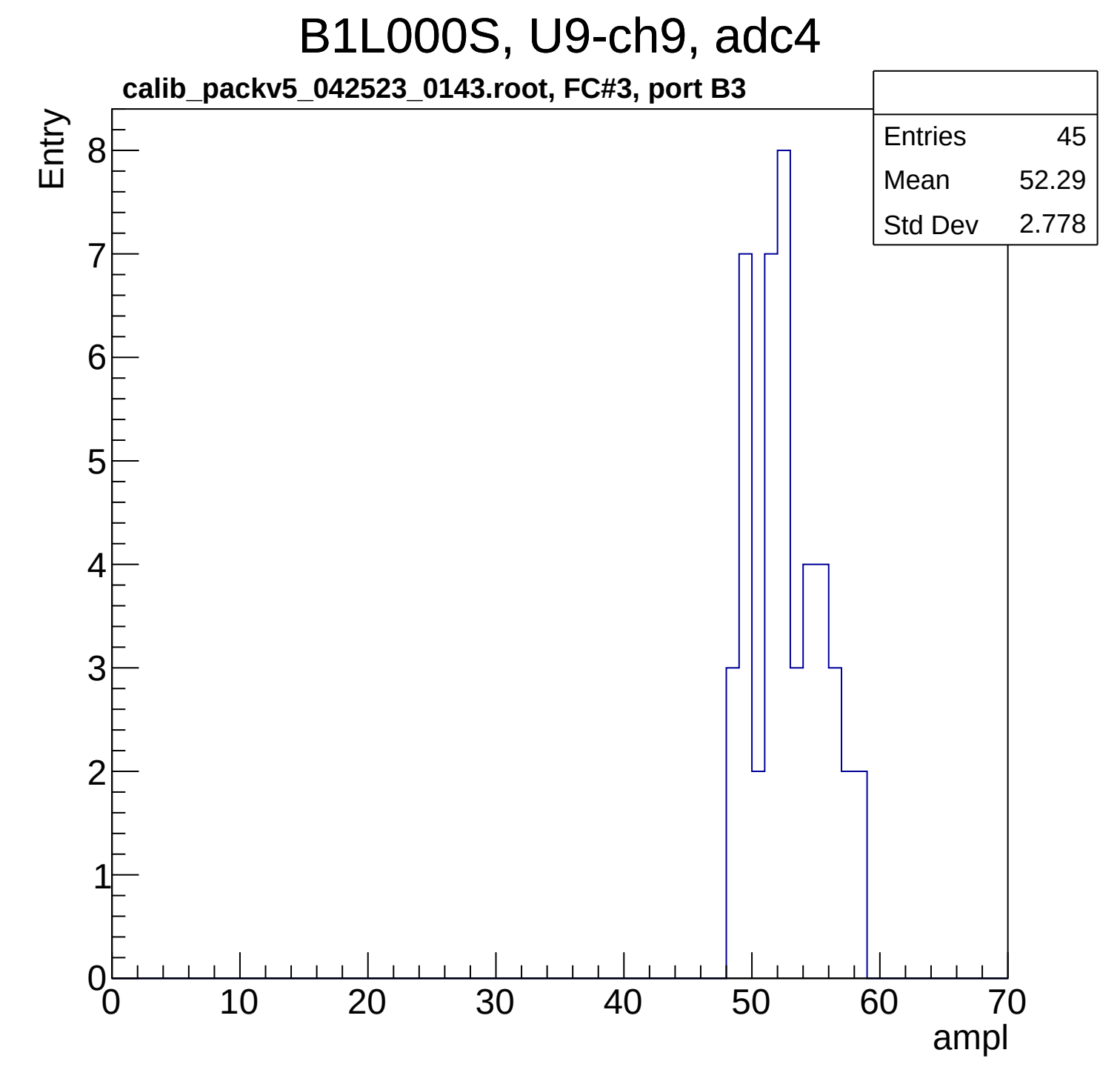
B1L000S, U9-ch9, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 52.29
Std Dev 2.778
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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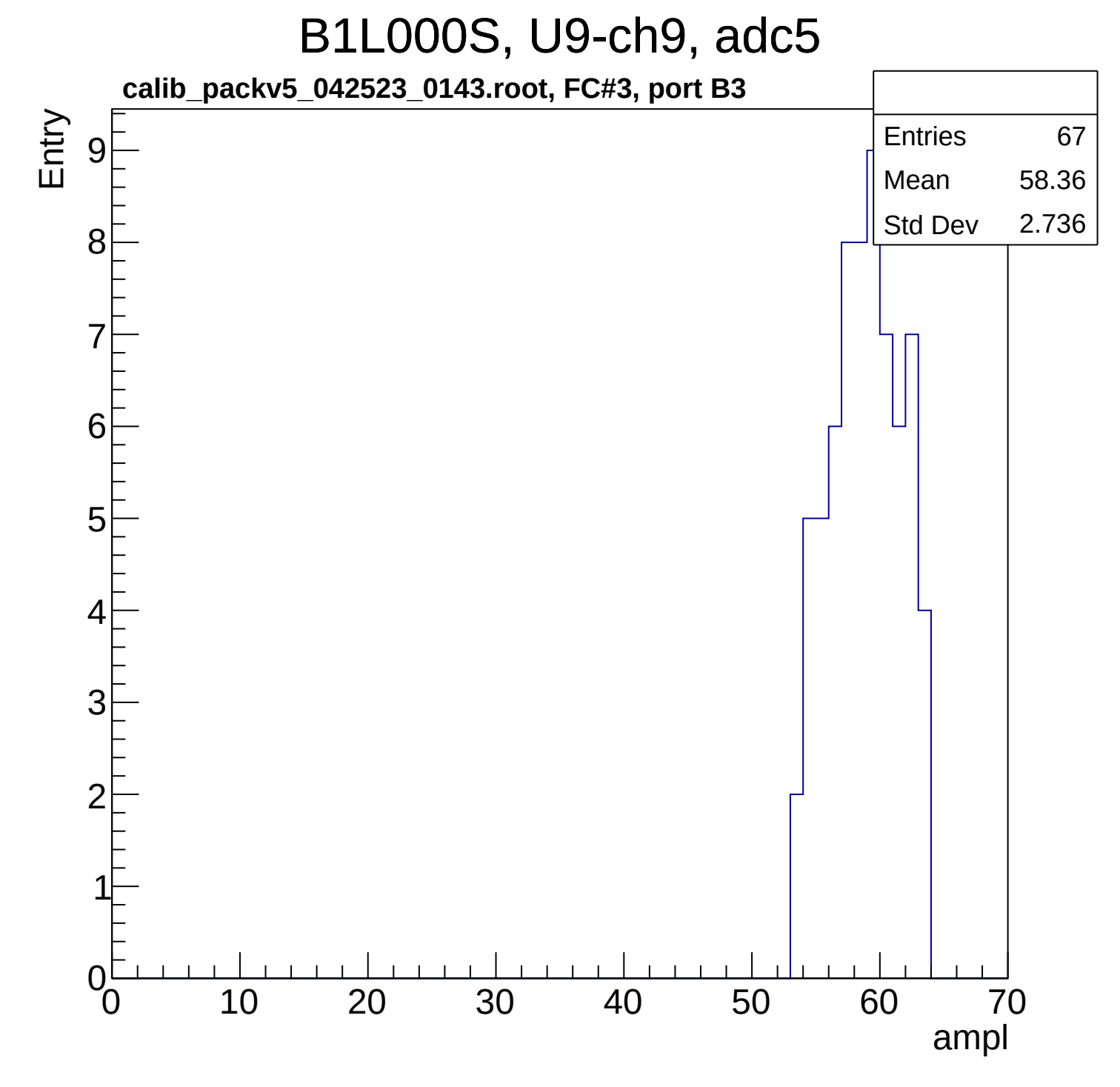
B1L000S, U9-ch9, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 58.36
Std Dev 2.736
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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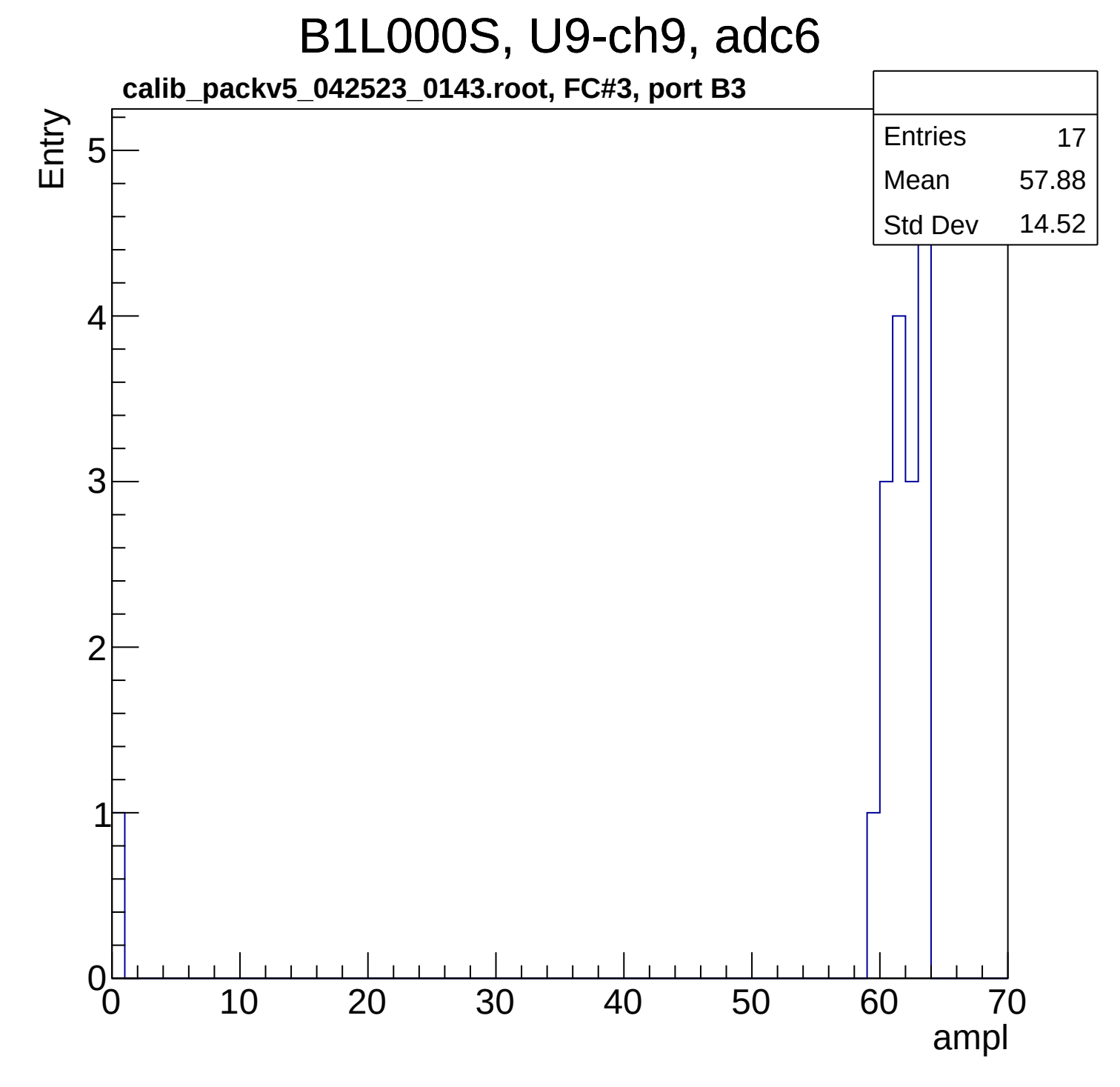
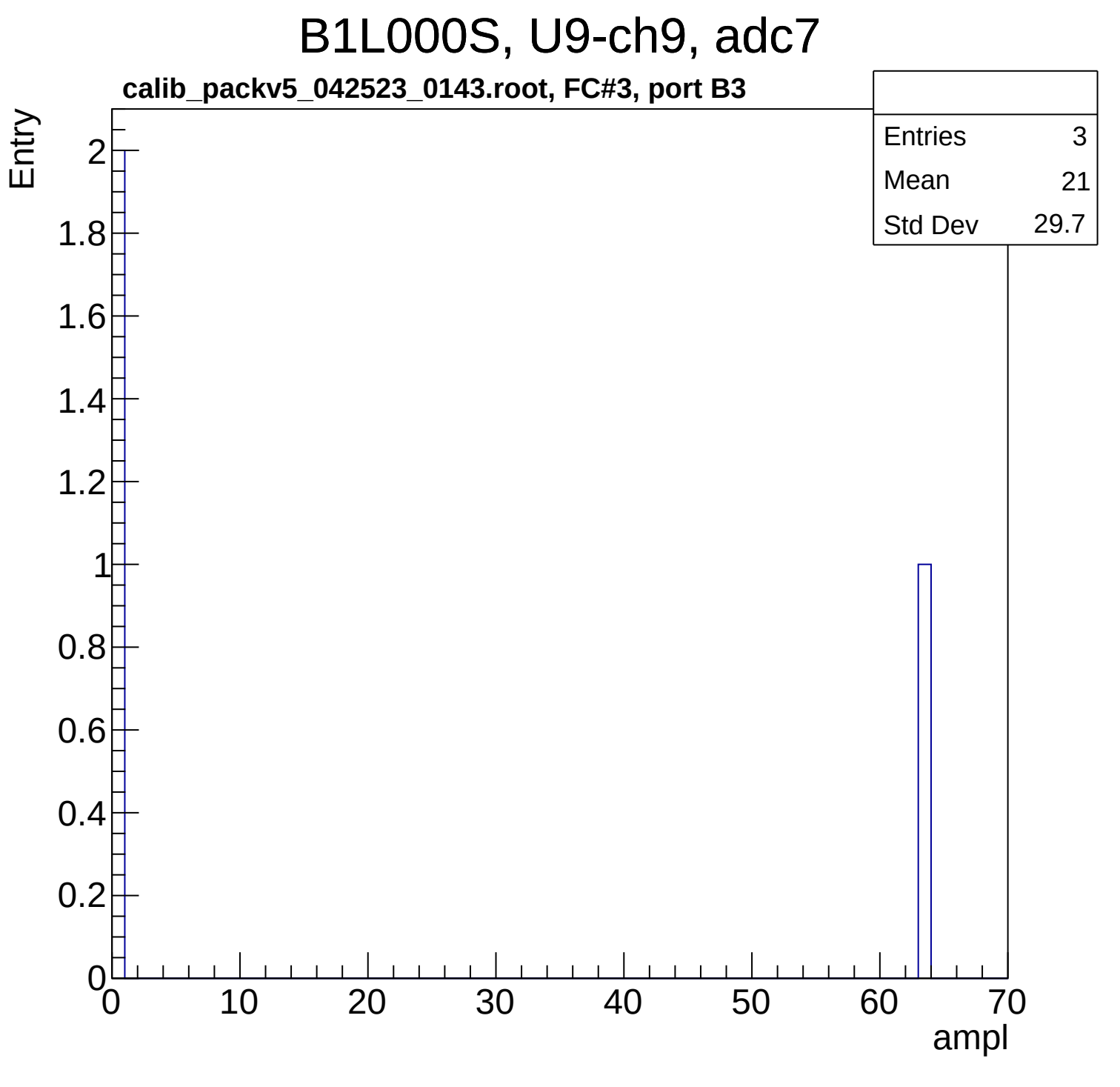
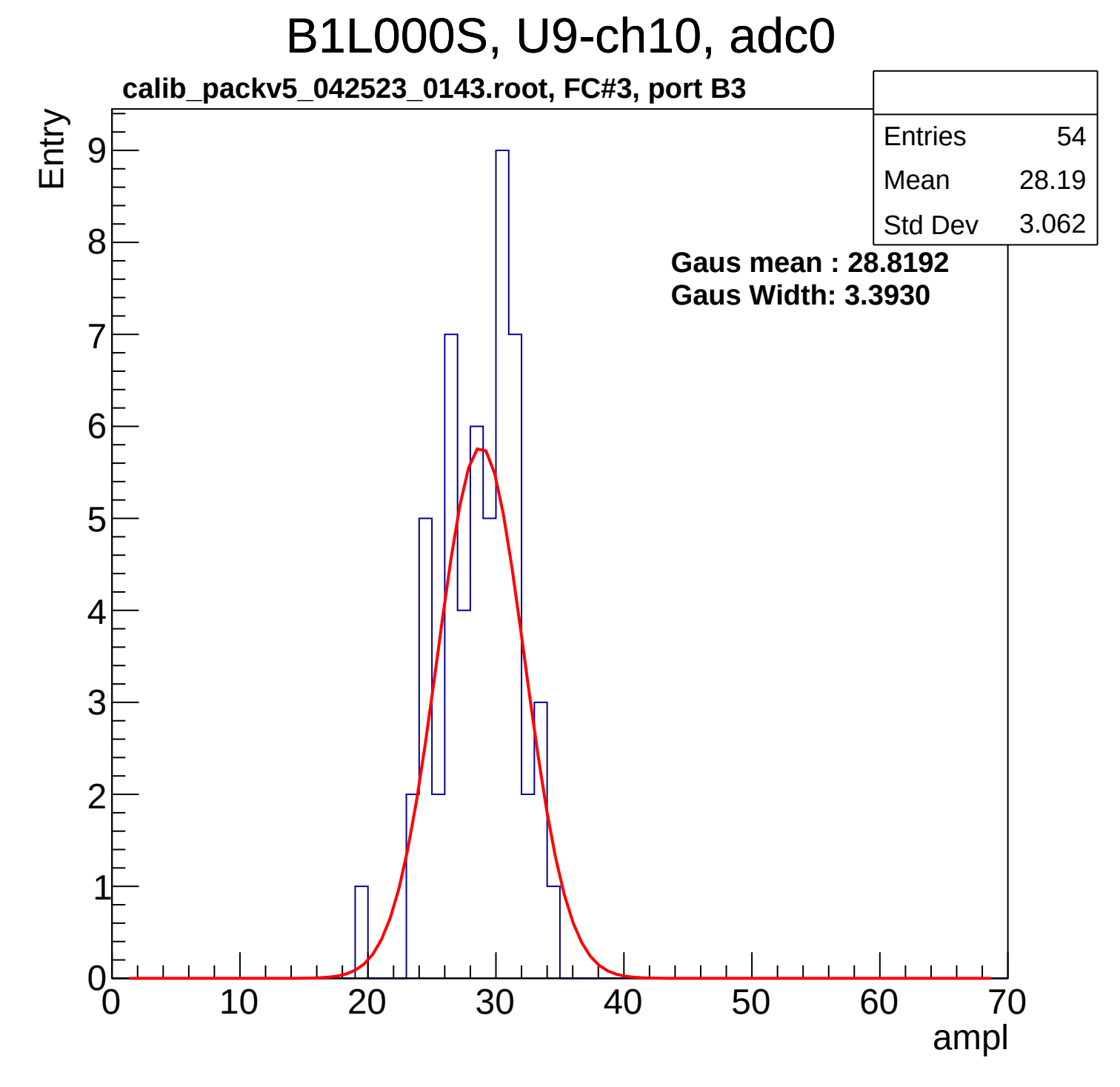

B1L000S, U9-ch9, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.88
Std Dev 14.52
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch9, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch10, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 28.19
Std Dev 3.062
Gaus mean : 28.8192
Gaus Width: 3.3930
Entry
ampl
0
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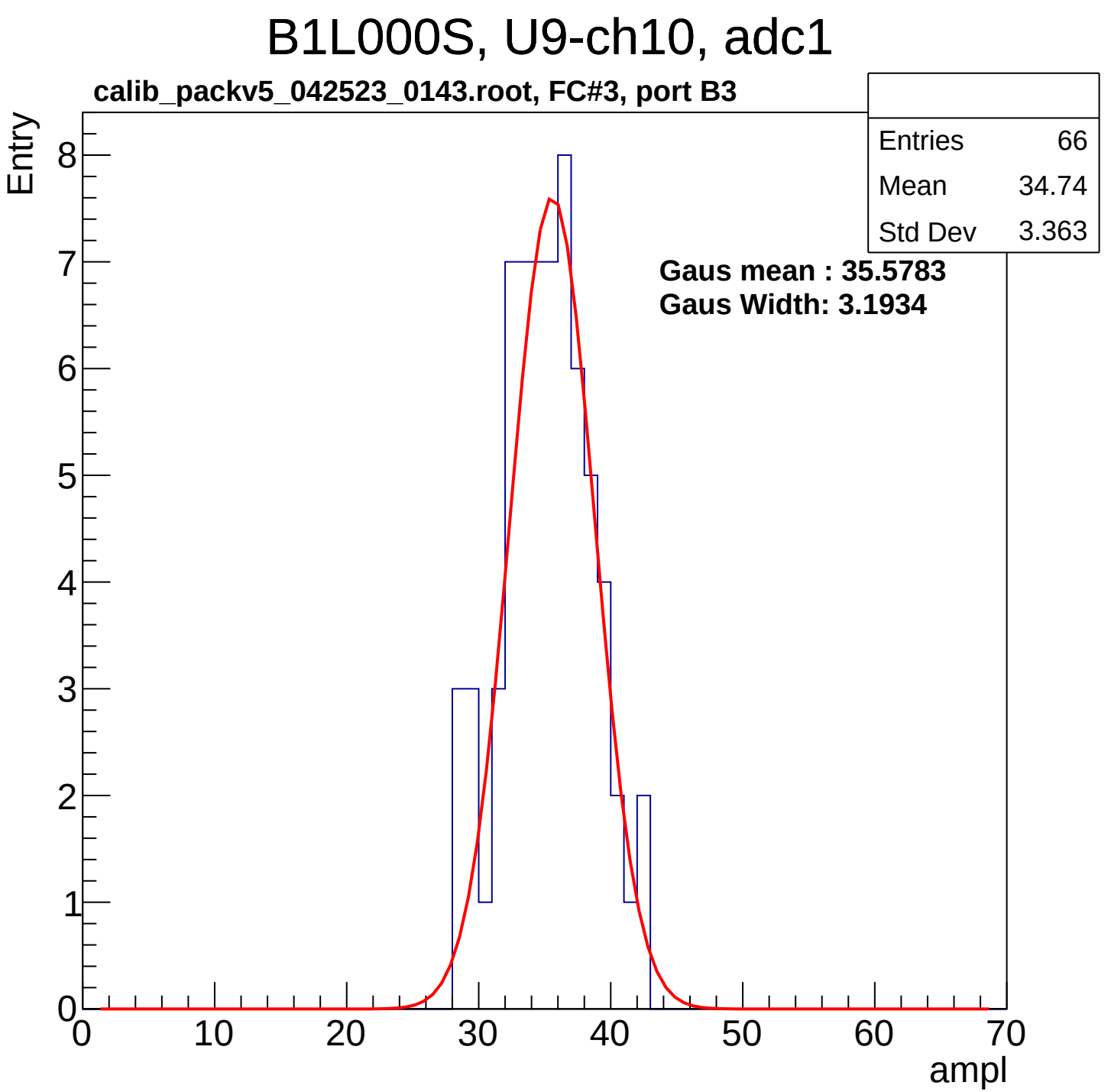
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch10, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 34.74
Std Dev 3.363
Gaus mean : 35.5783
Gaus Width: 3.1934
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
50
60
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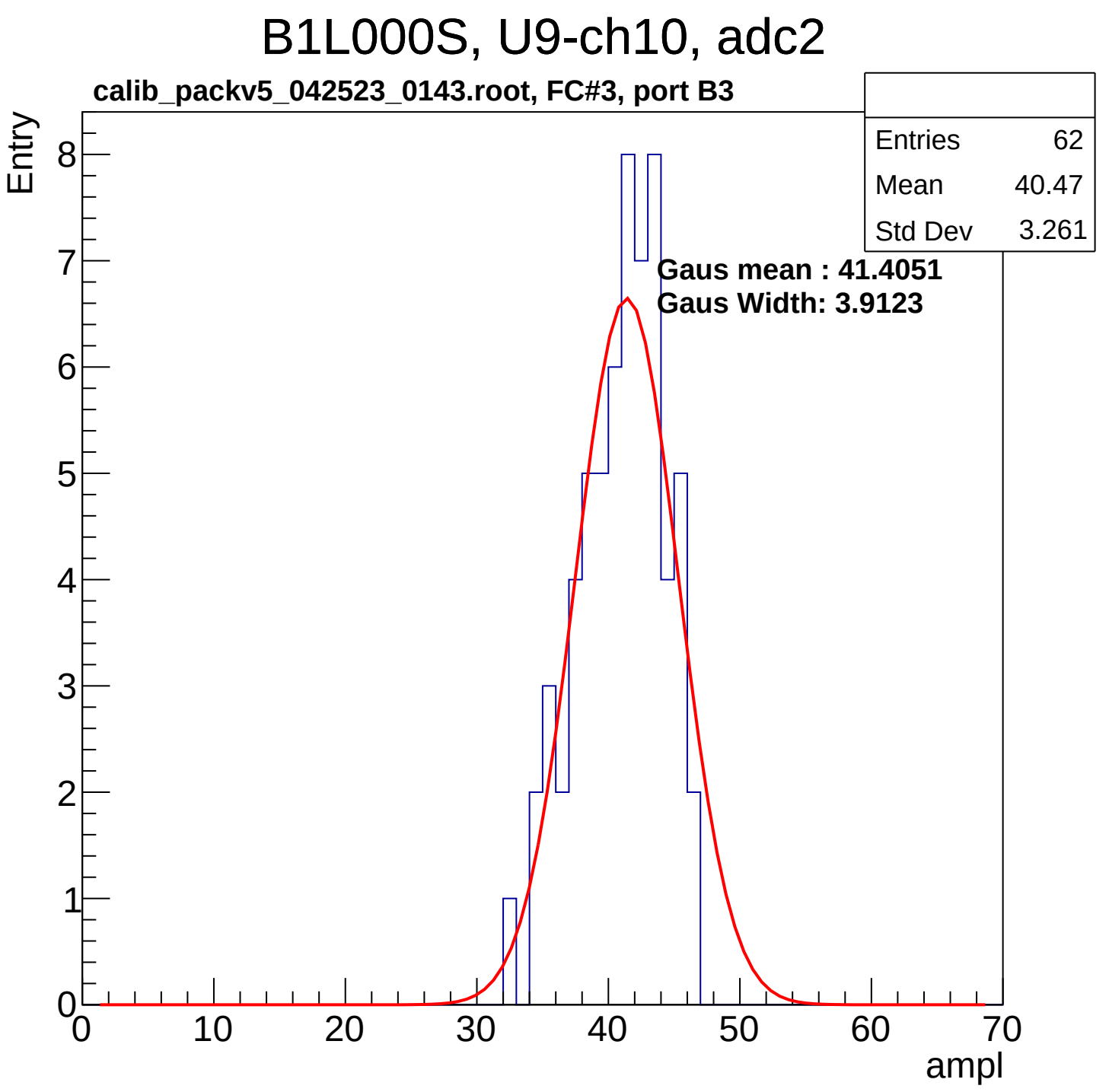
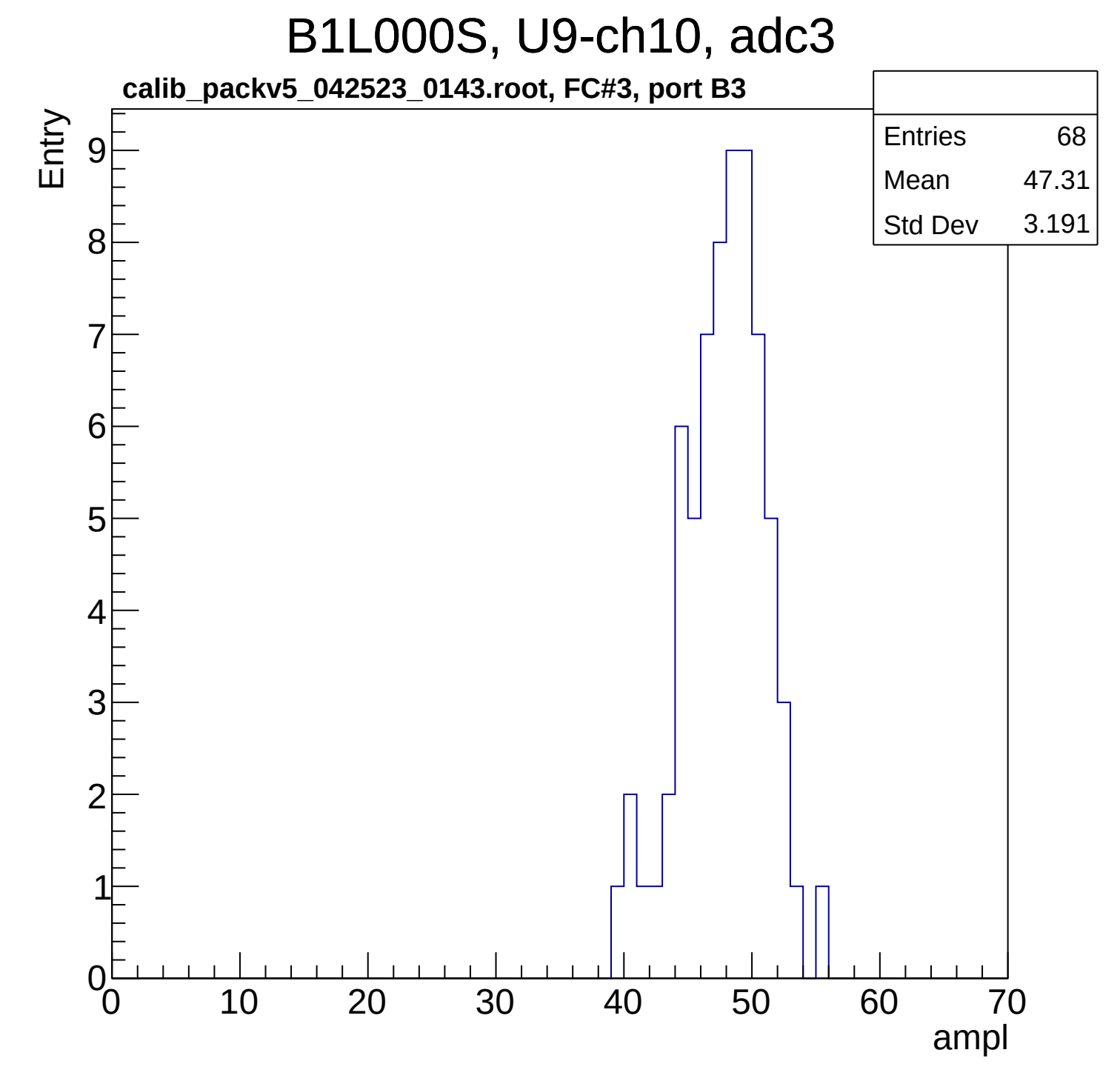

B1L000S, U9-ch10, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 40.47
Std Dev 3.261
Gaus mean : 41.4051
Gaus Width: 3.9123
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch10, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 47.31
Std Dev 3.191
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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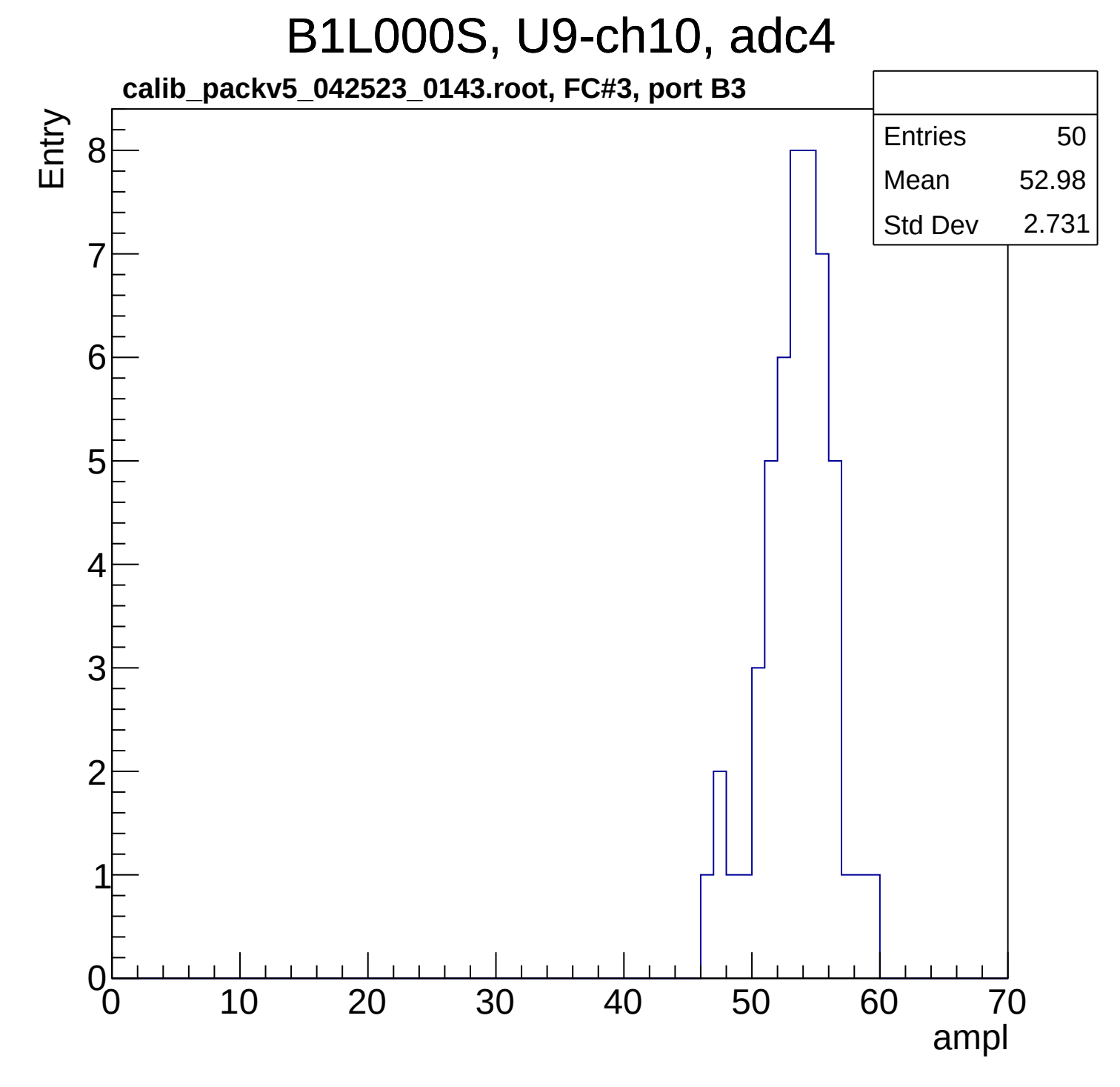
B1L000S, U9-ch10, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 52.98
Std Dev 2.731
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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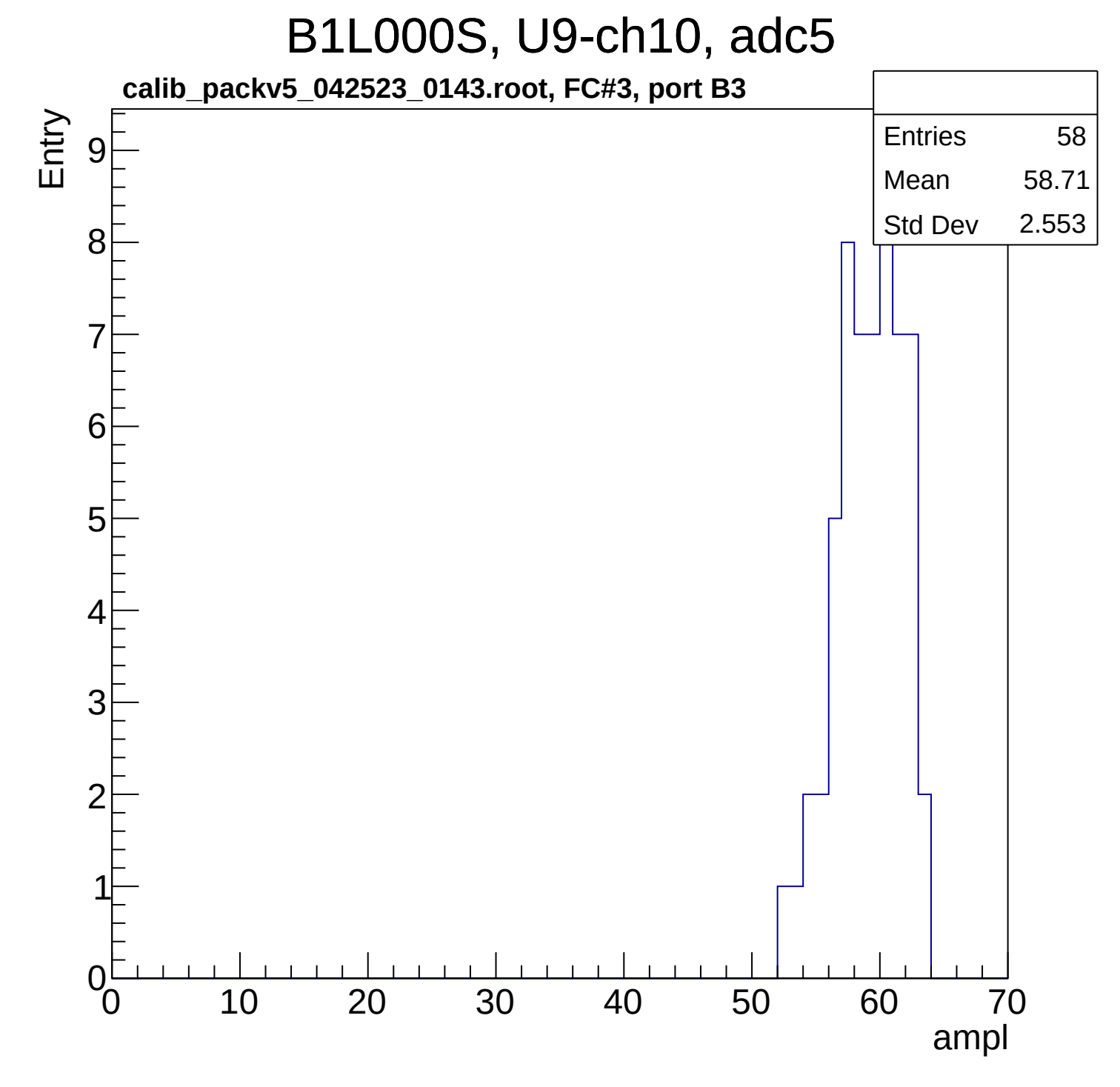
B1L000S, U9-ch10, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.71
Std Dev 2.553
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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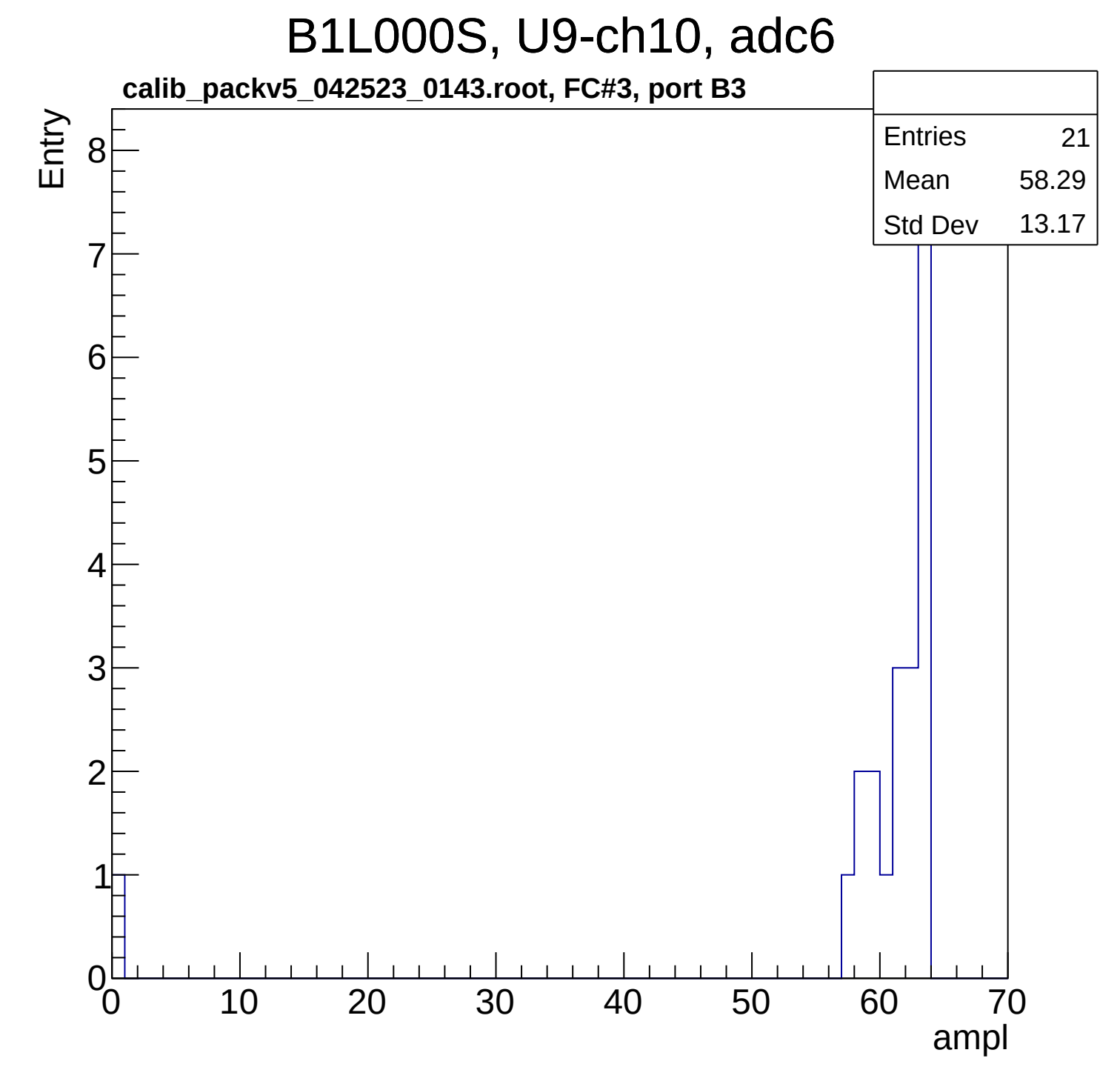
B1L000S, U9-ch10, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.29
Std Dev 13.17
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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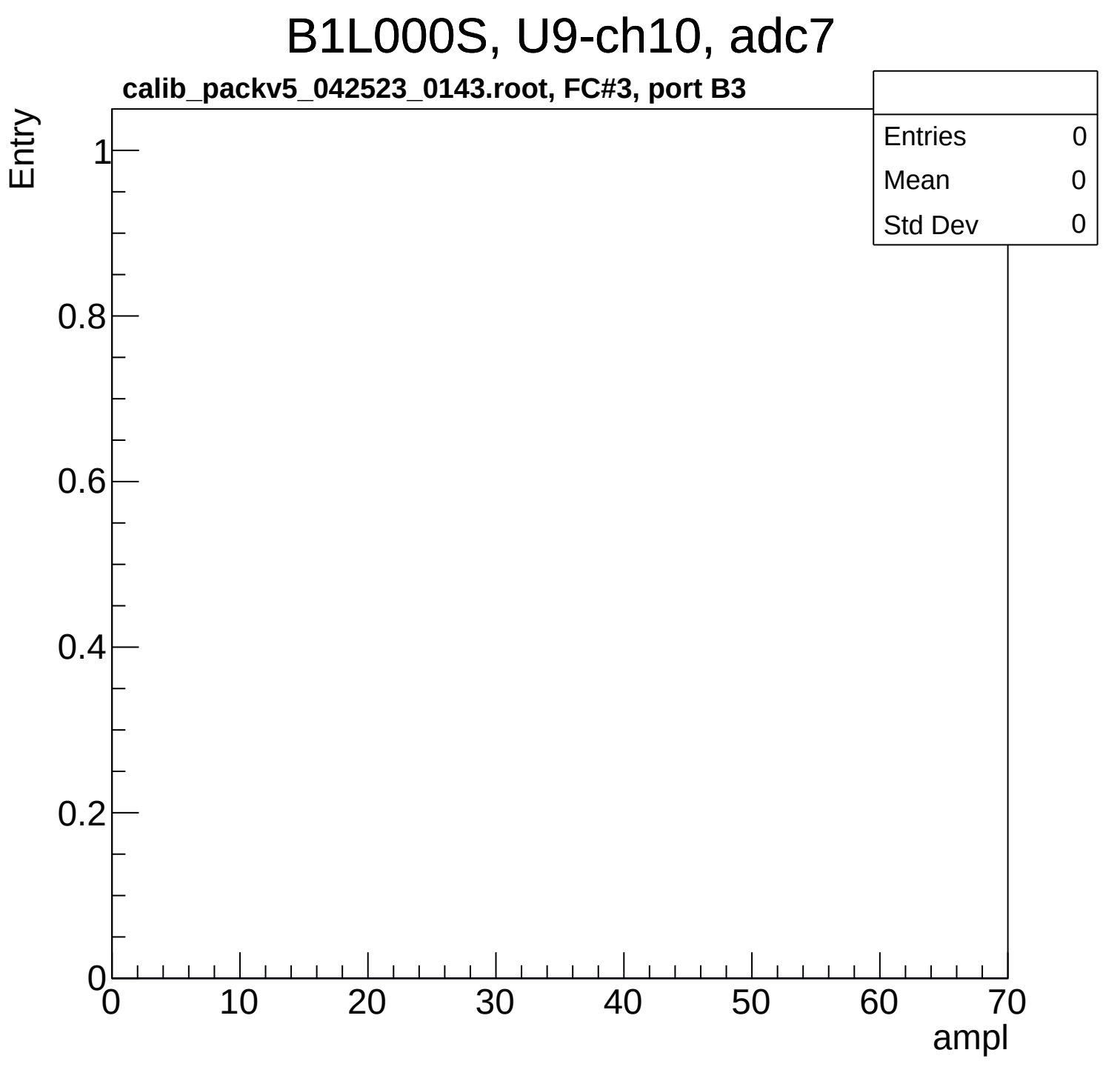
B1L000S, U9-ch10, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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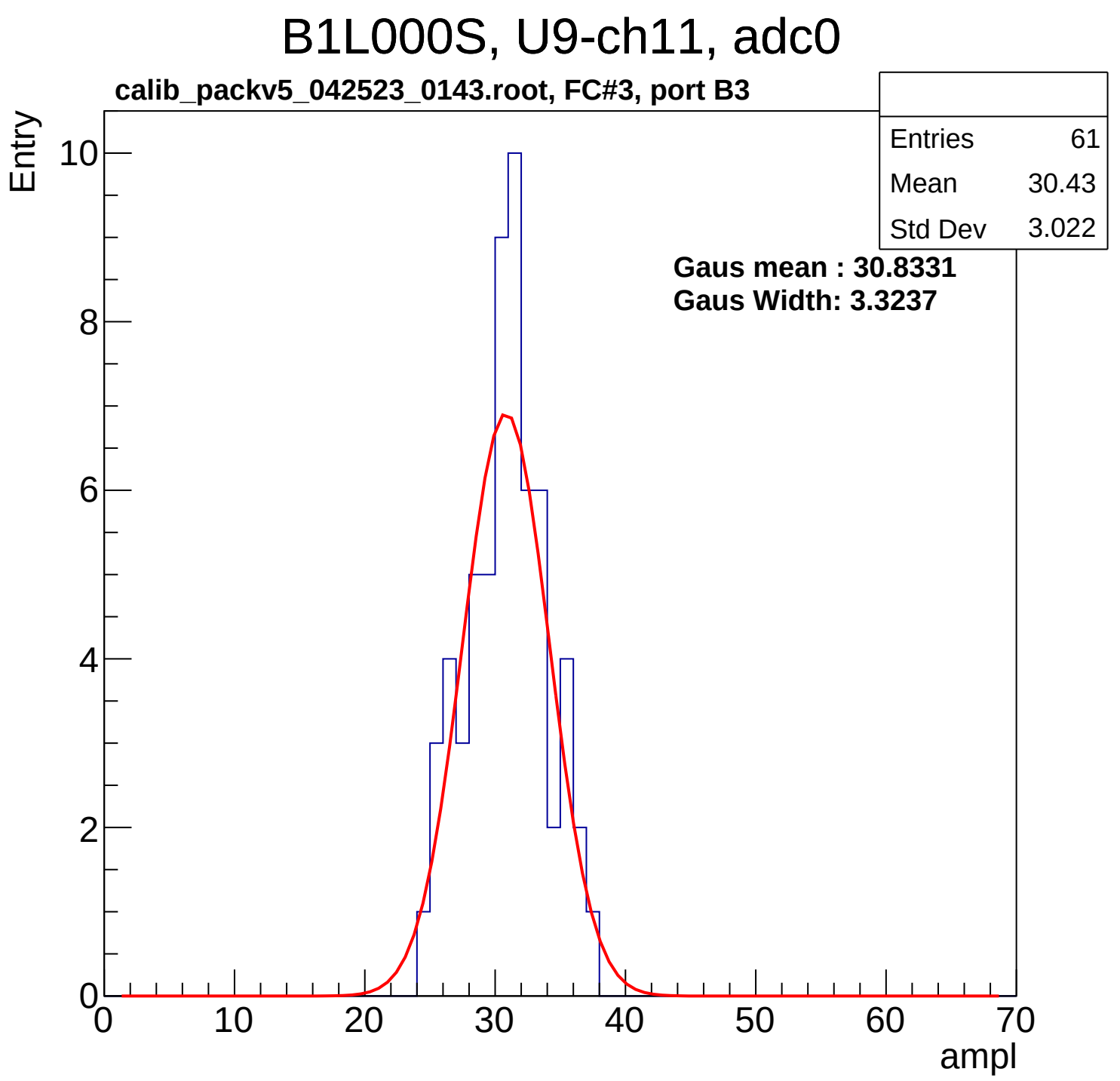
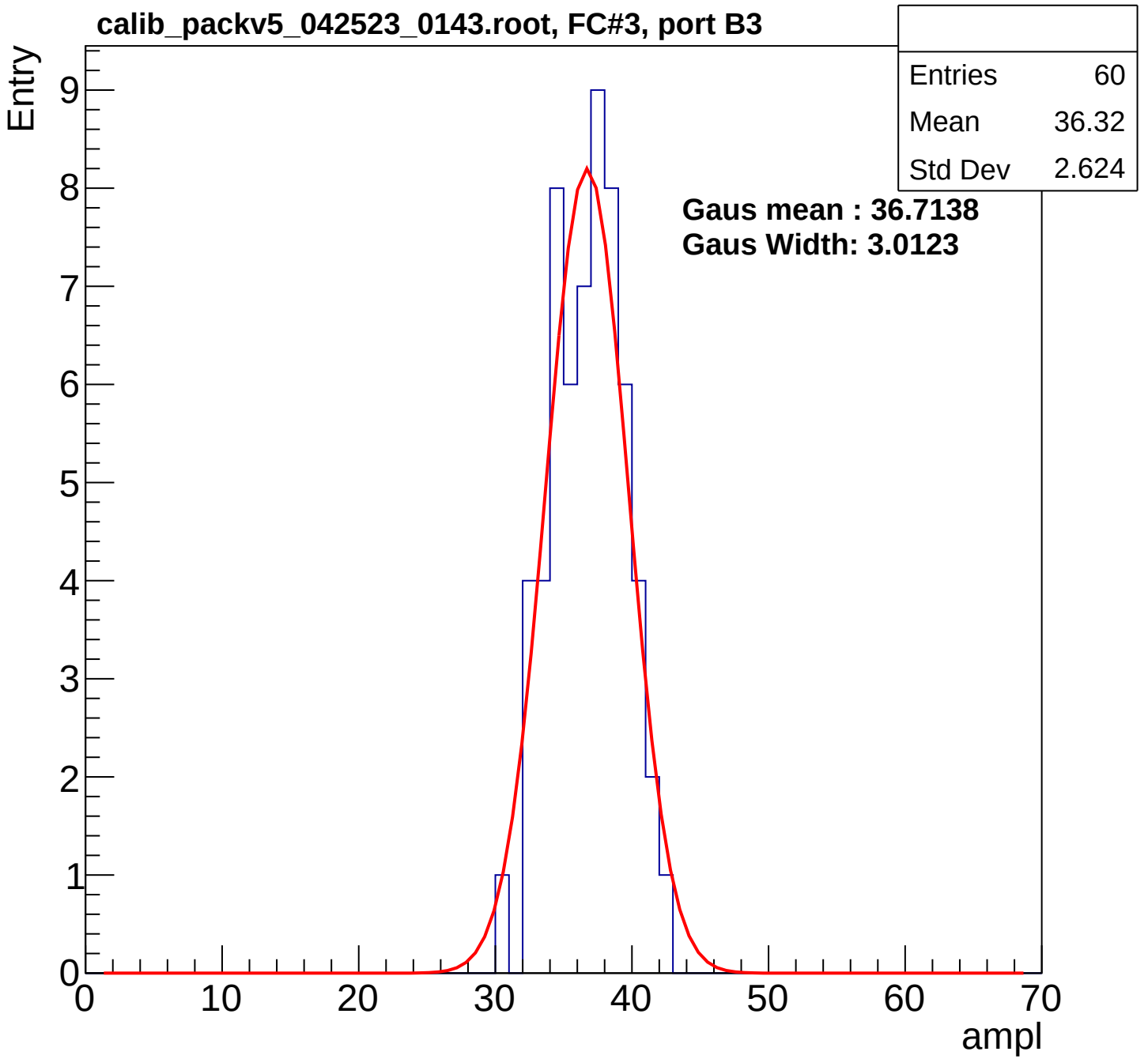
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch11, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 30.43
Std Dev 3.022
Gaus mean : 30.8331
Gaus Width: 3.3237
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch11, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 36.32
Std Dev 2.624
Gaus mean : 36.7138
Gaus Width: 3.0123
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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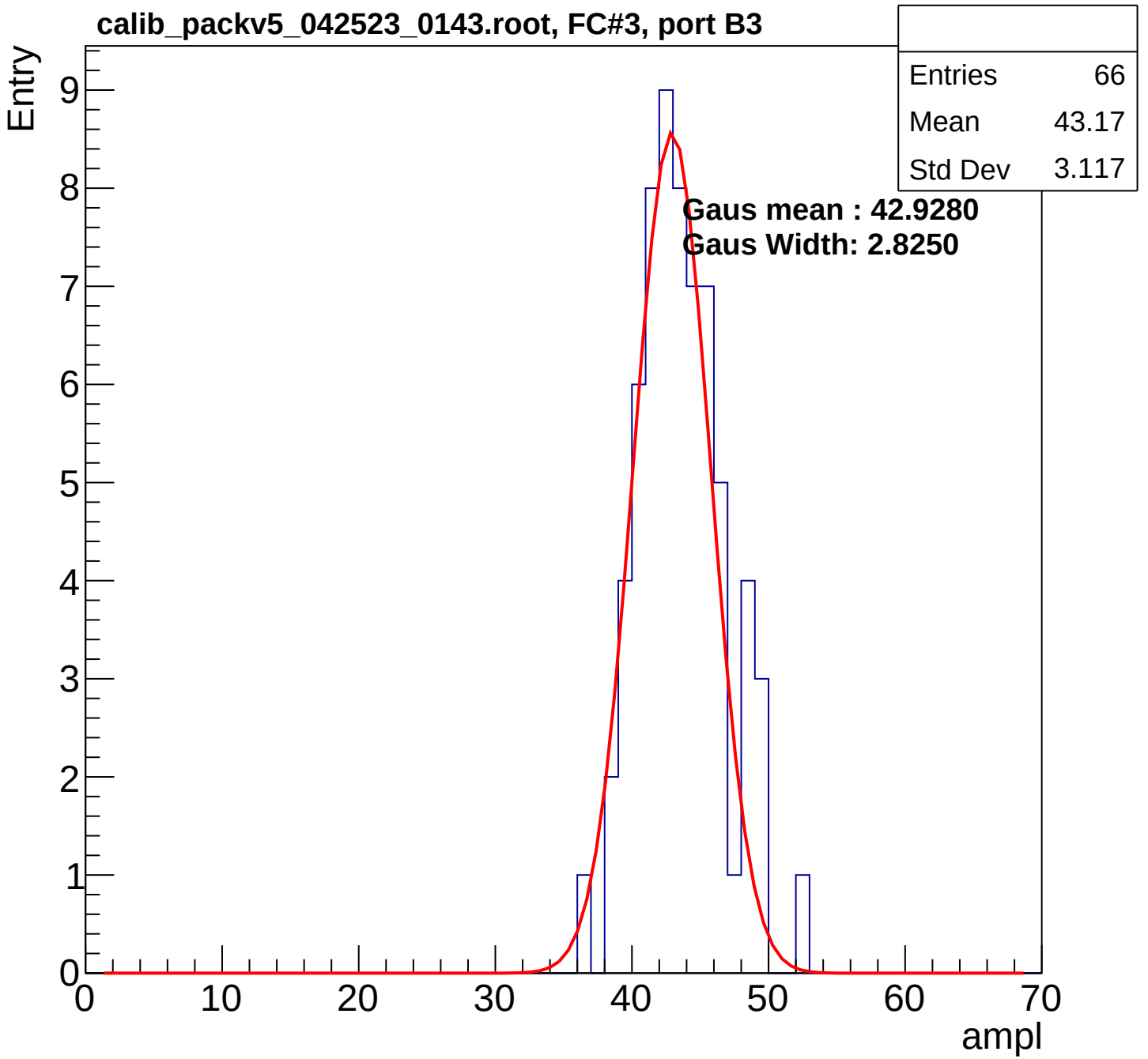
B1L000S, U9-ch11, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.17
Std Dev 3.117
Gaus mean : 42.9280
Gaus Width: 2.8250
Entry
ampl
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2
3
4
5
6
7
8
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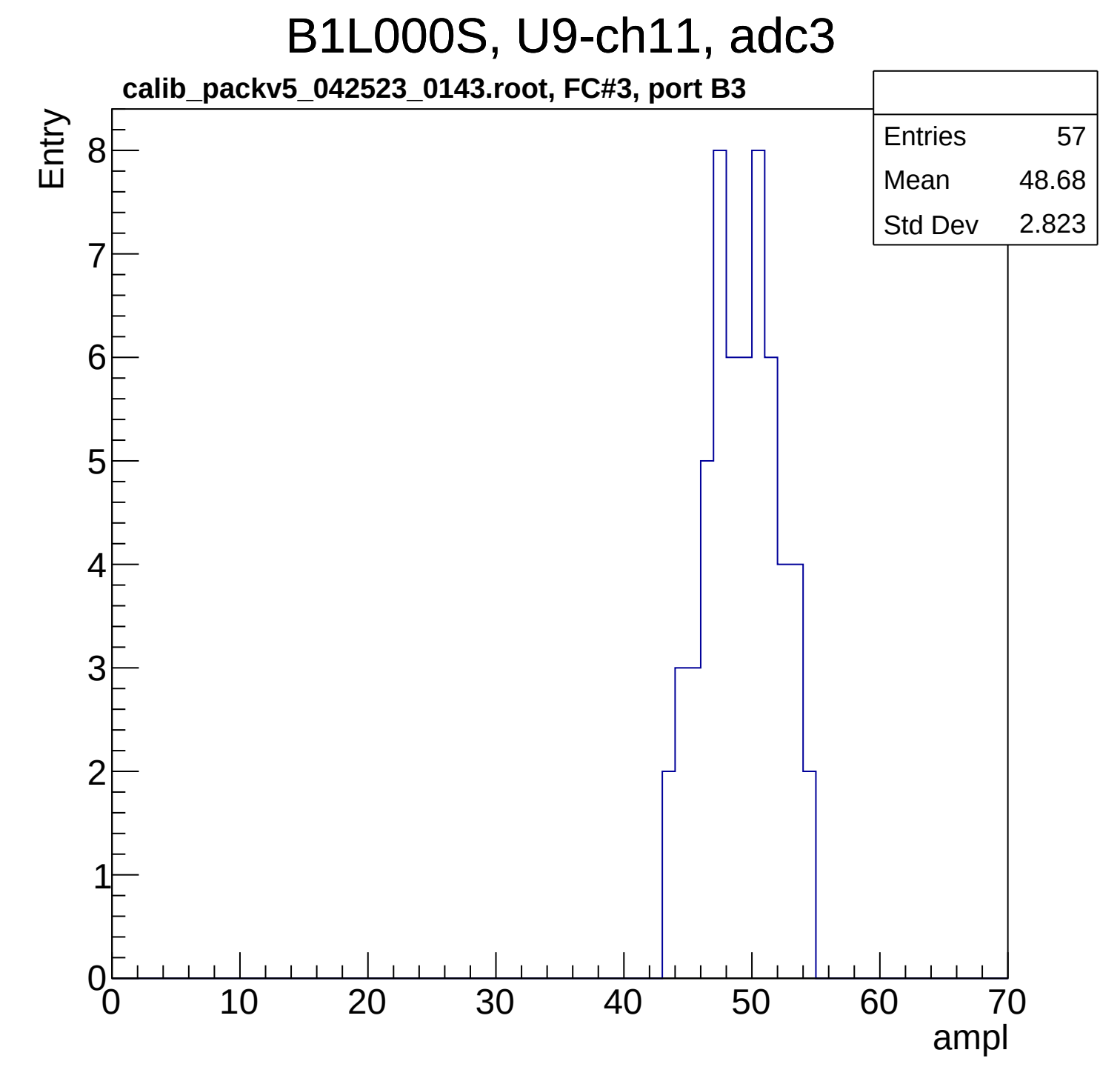
B1L000S, U9-ch11, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 48.68
Std Dev 2.823
Entry
ampl
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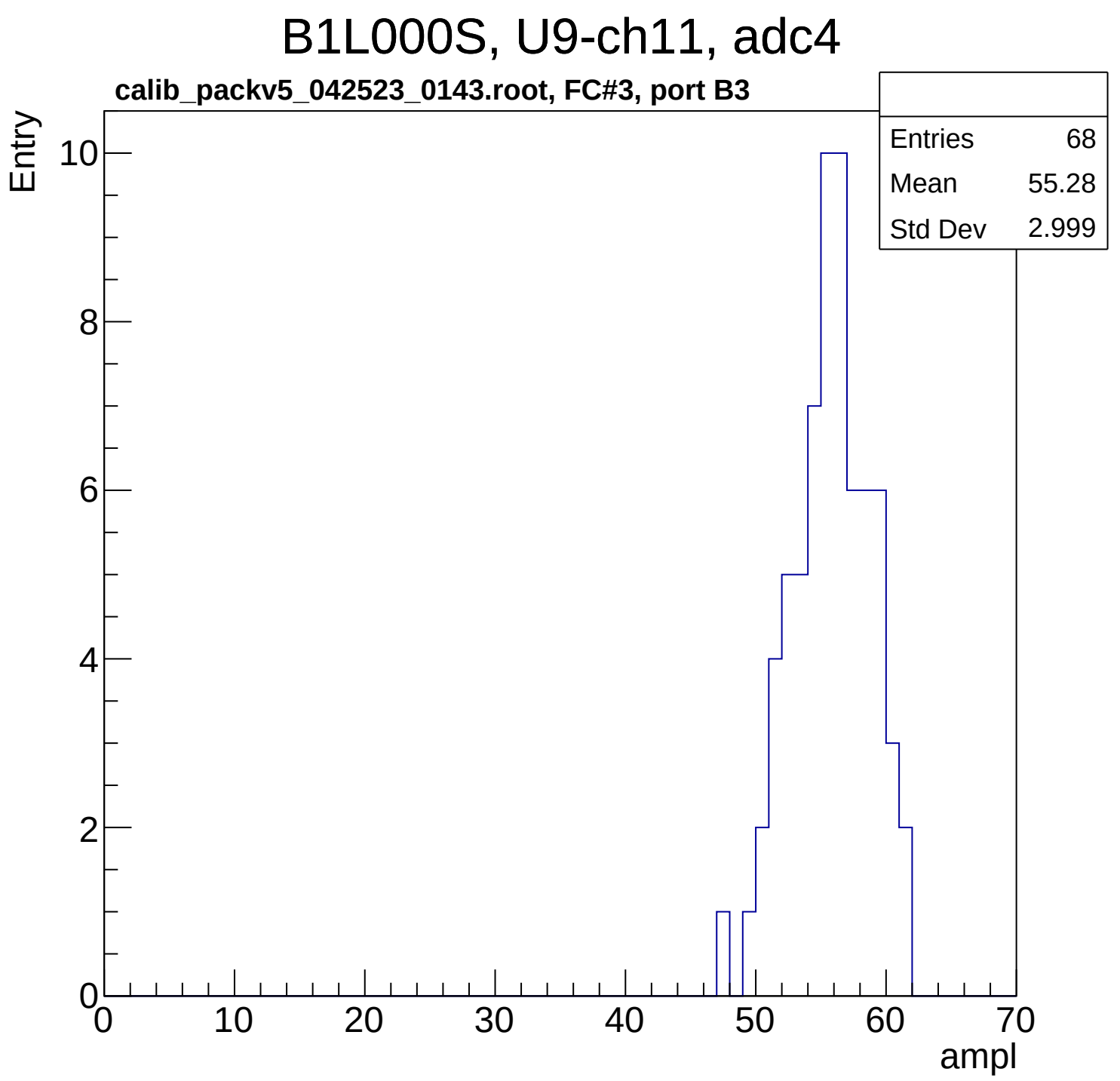
B1L000S, U9-ch11, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 55.28
Std Dev 2.999
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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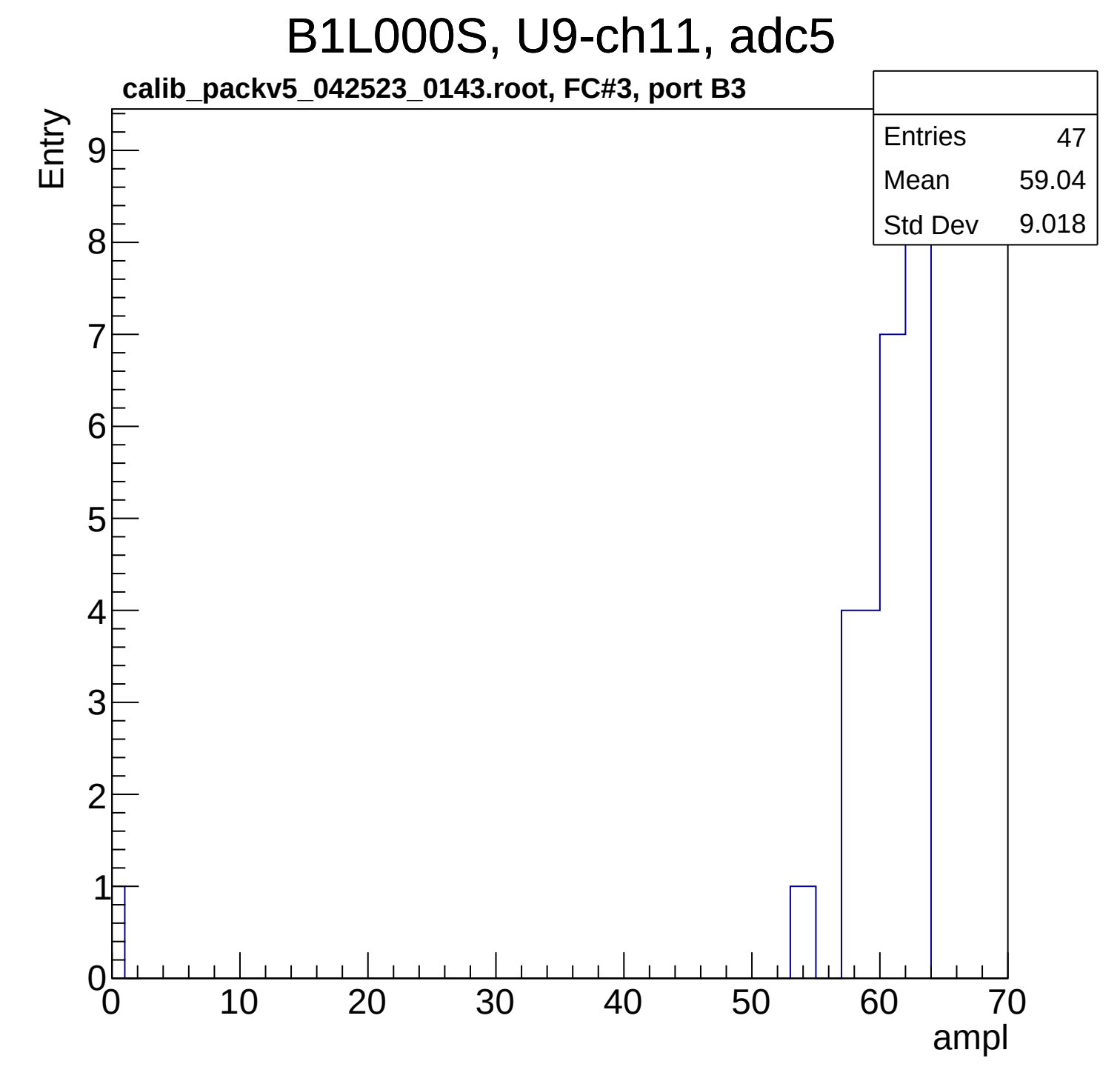
B1L000S, U9-ch11, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.04
Std Dev 9.018
Entry
ampl
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3
4
5
6
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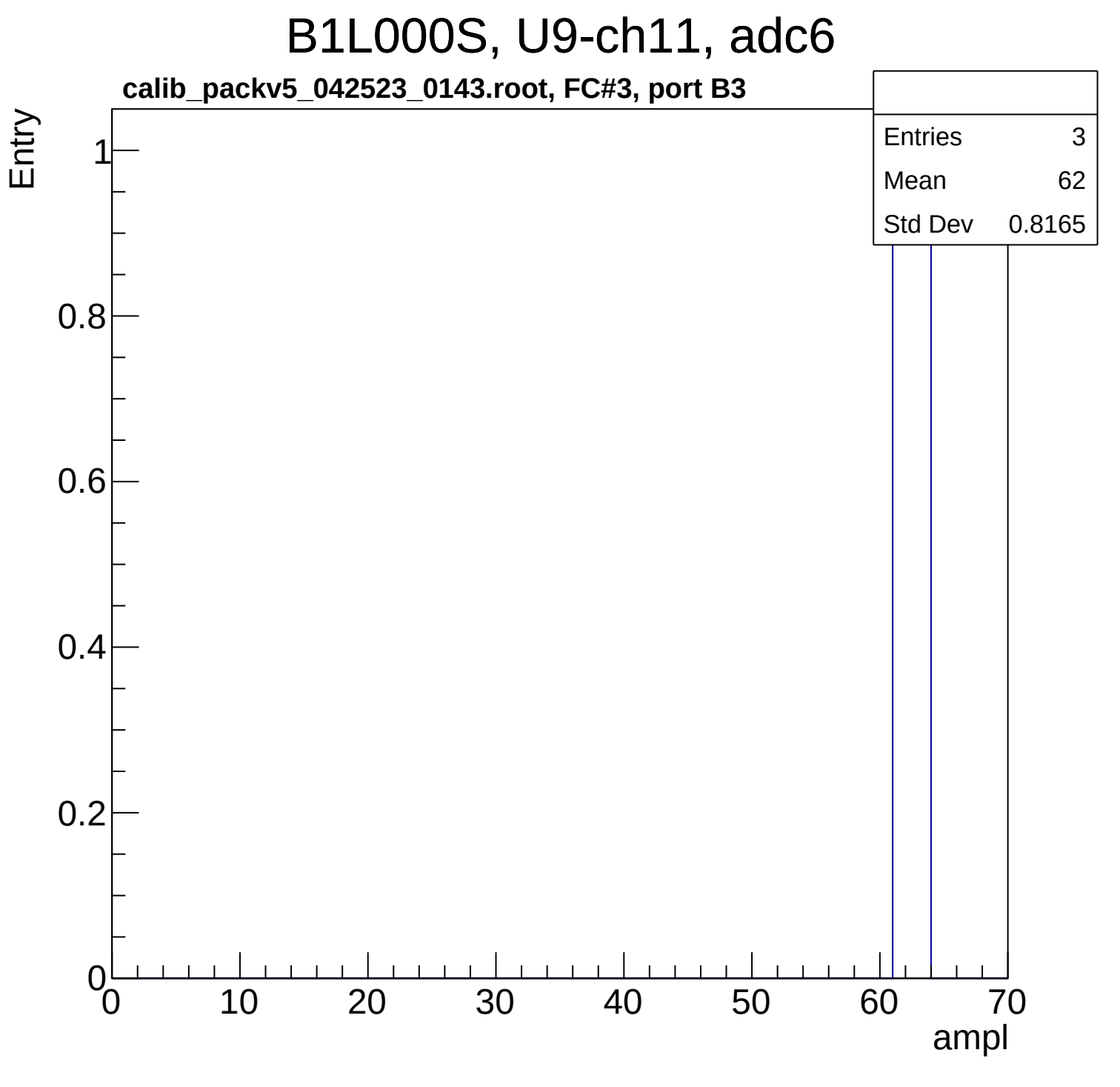
B1L000S, U9-ch11, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 62
Std Dev 0.8165
Entry
1
0.8
0.6
0.4
0.2
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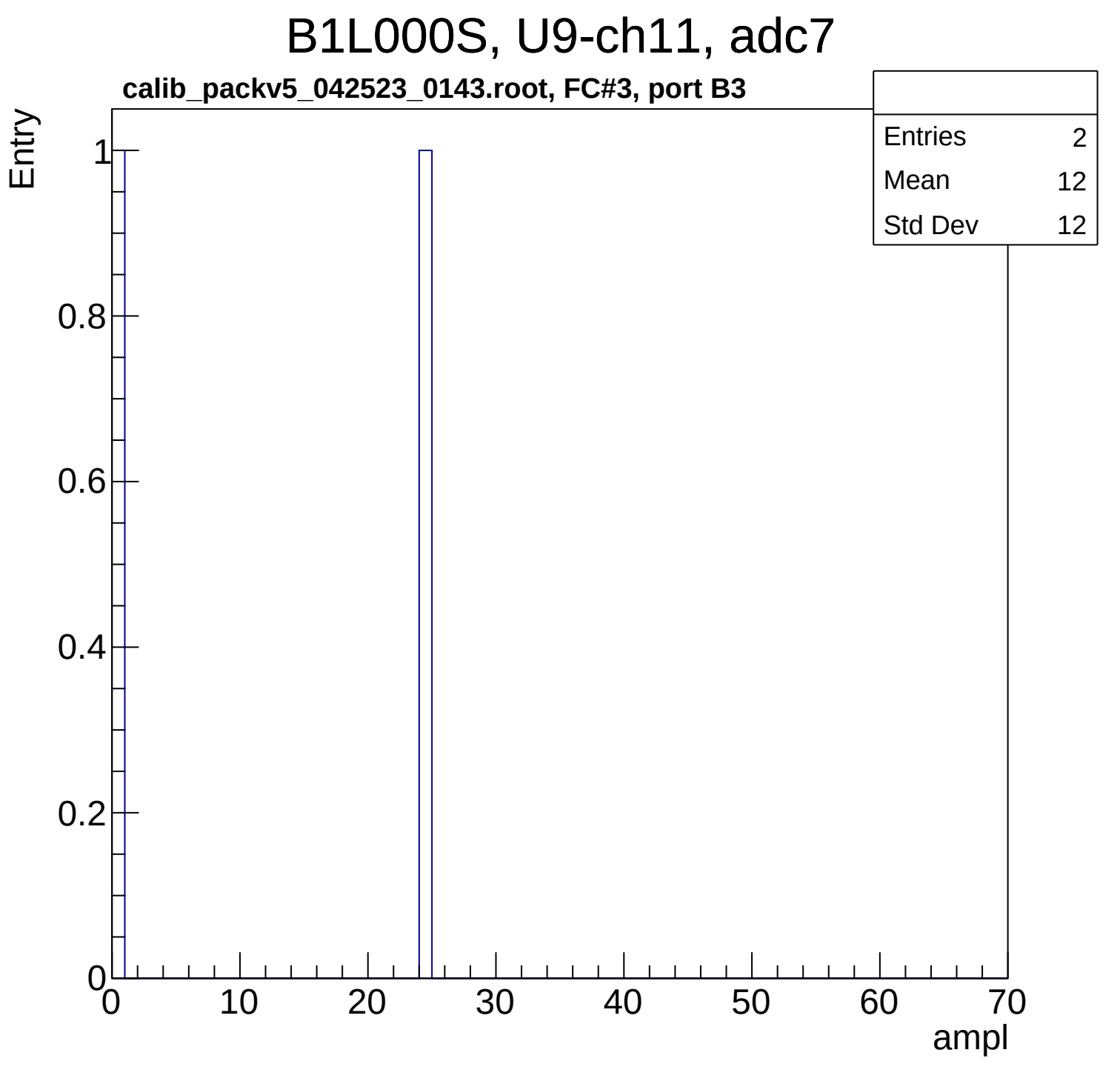
70
ampl


B1L000S, U9-ch11, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 12
Std Dev 12
Entry
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0.8
0.6
0.4
0.2
0
0
10
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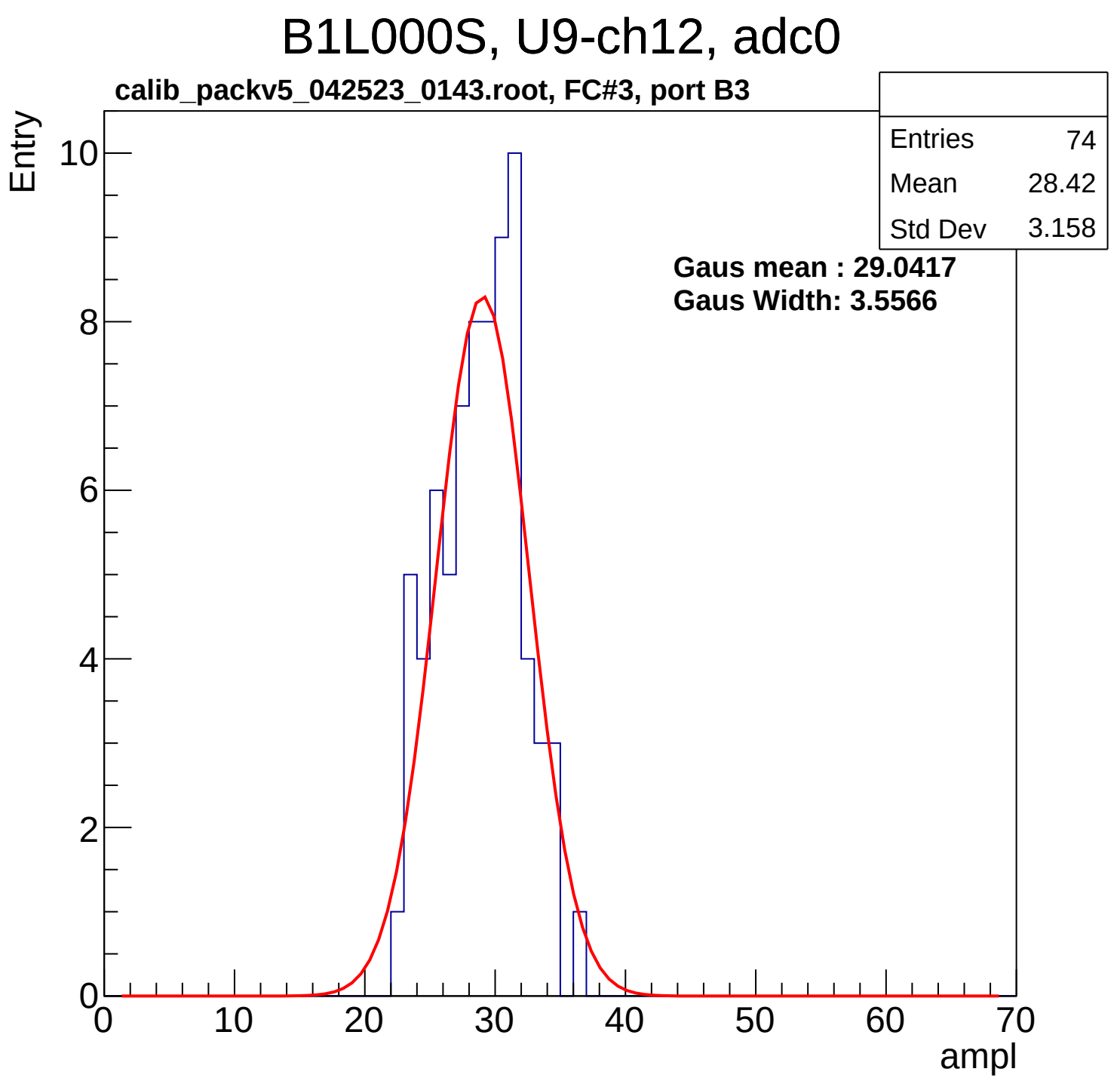
50
60
70
ampl


B1L000S, U9-ch12, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.42
Std Dev 3.158
Gaus mean : 29.0417
Gaus Width: 3.5566
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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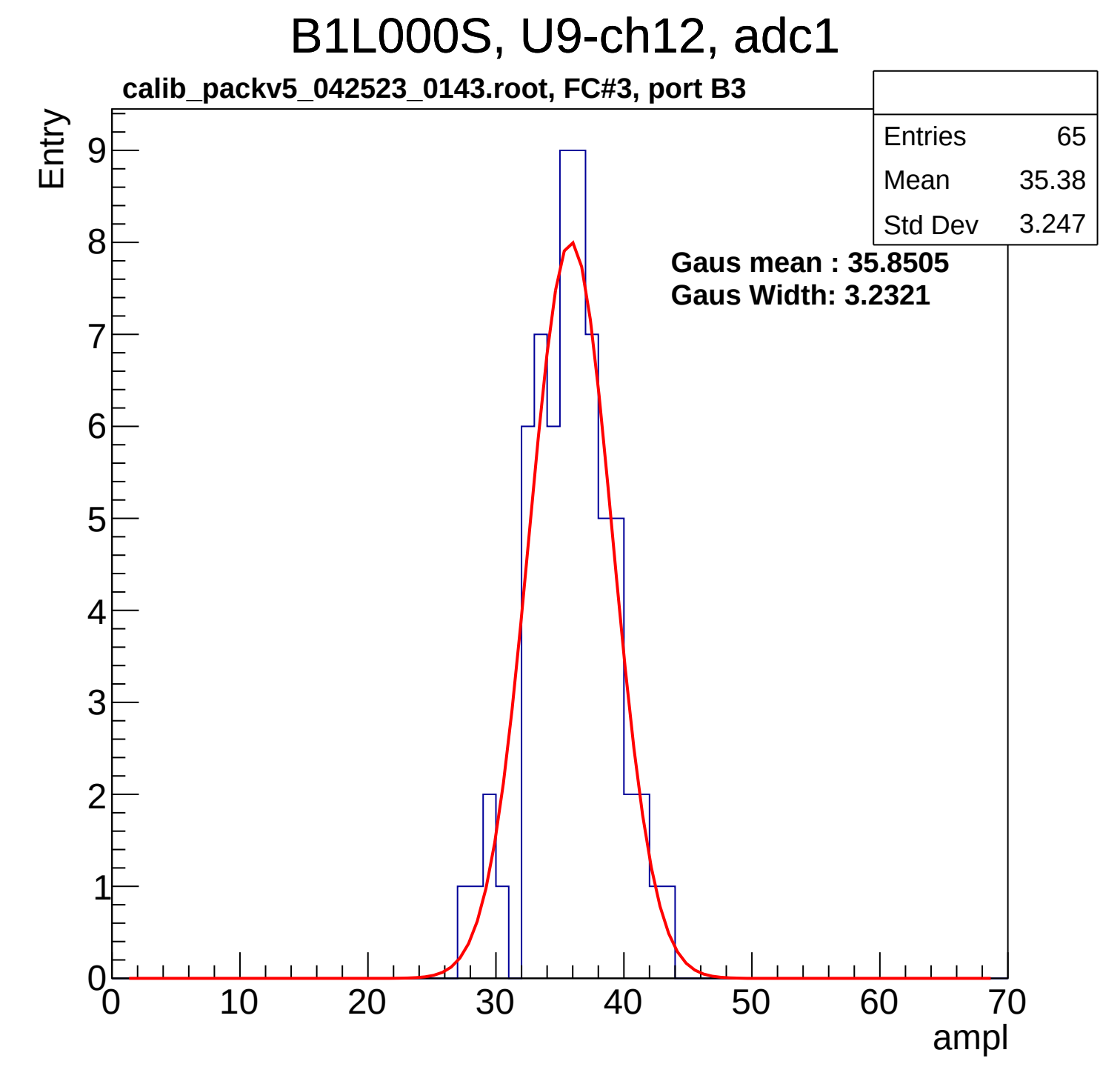
B1L000S, U9-ch12, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.38
Std Dev 3.247
Gaus mean : 35.8505
Gaus Width: 3.2321
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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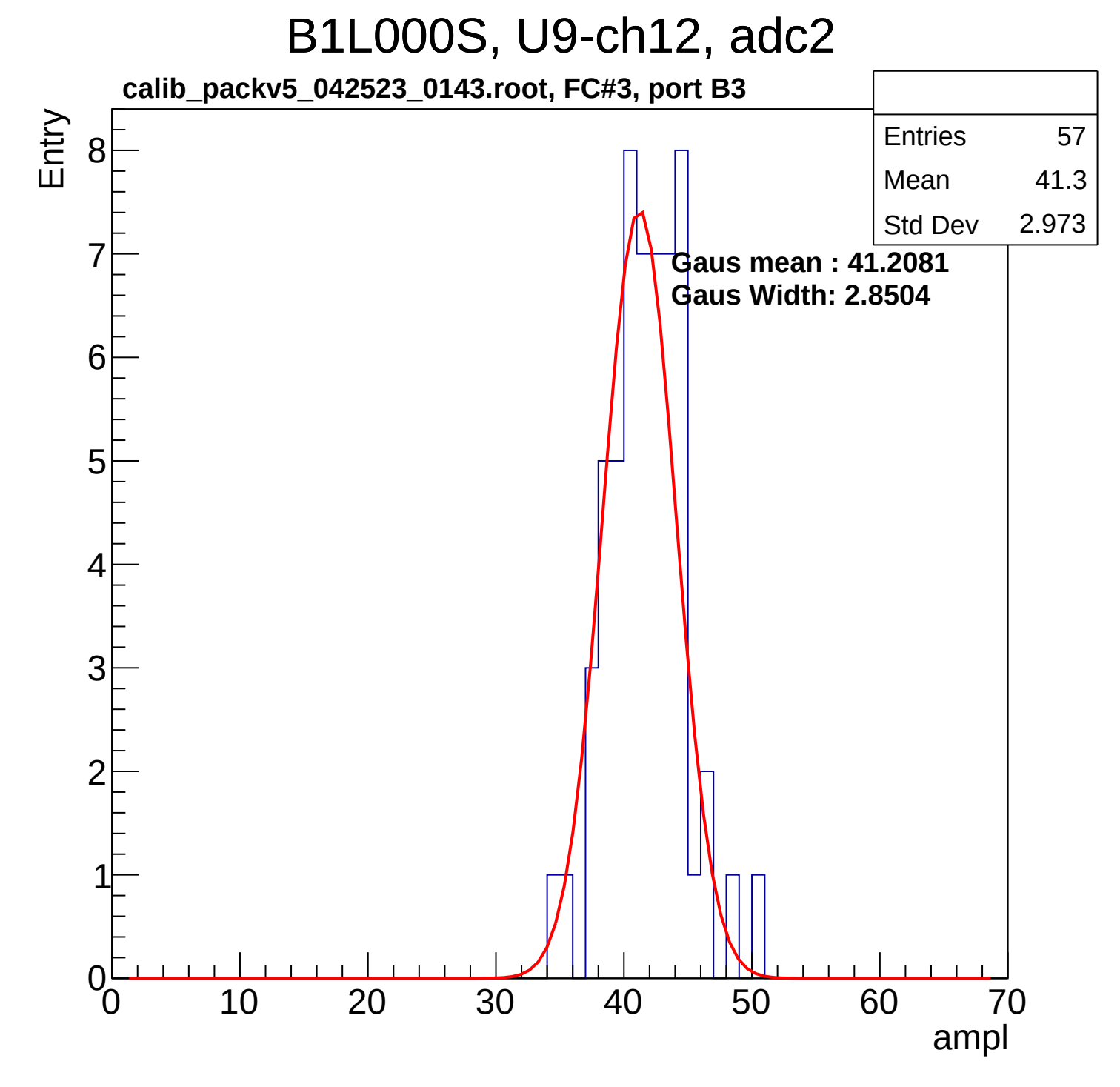
B1L000S, U9-ch12, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.3
Std Dev 2.973
Gaus mean : 41.2081
Gaus Width: 2.8504
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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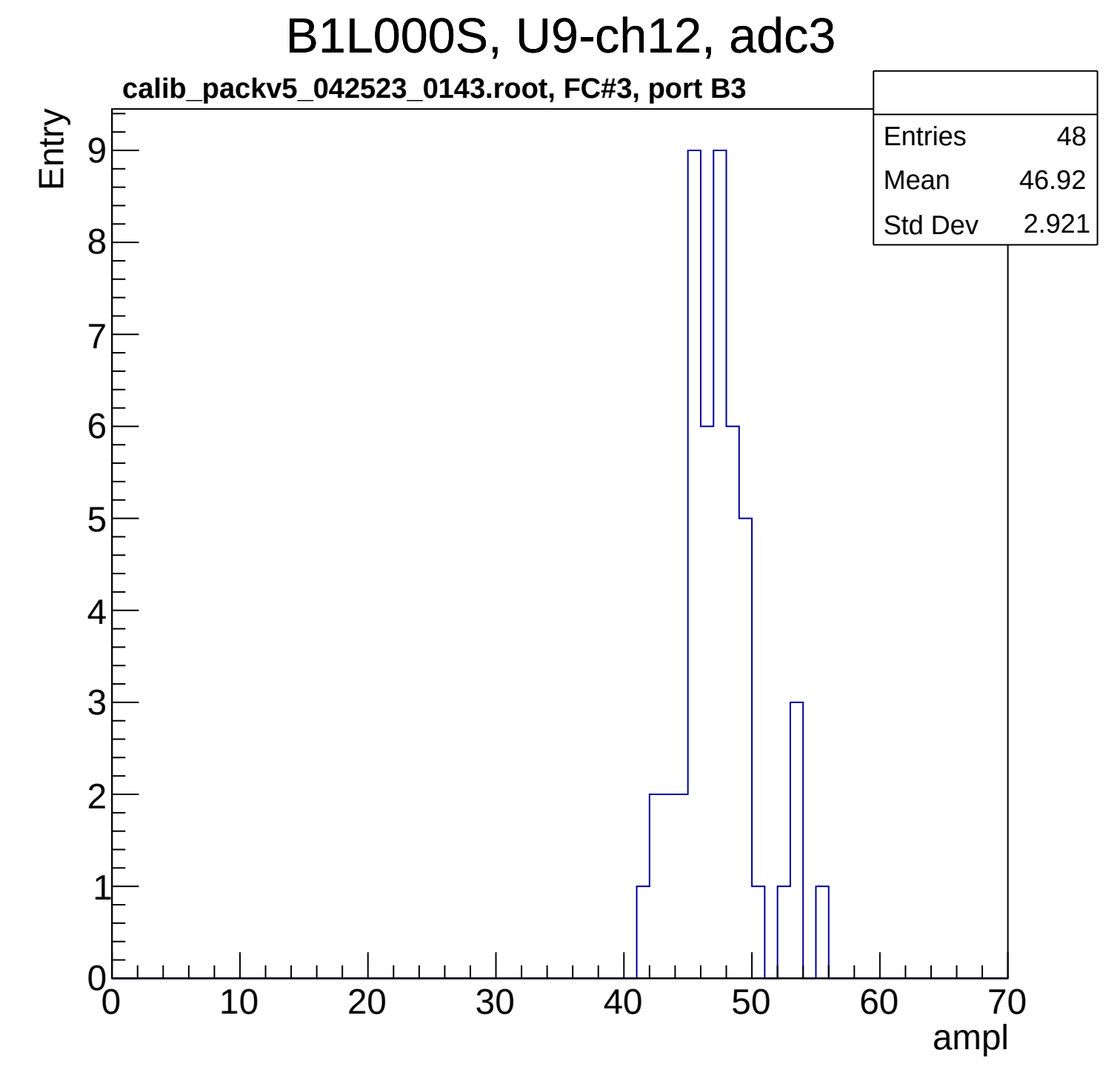
B1L000S, U9-ch12, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 46.92
Std Dev 2.921
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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60
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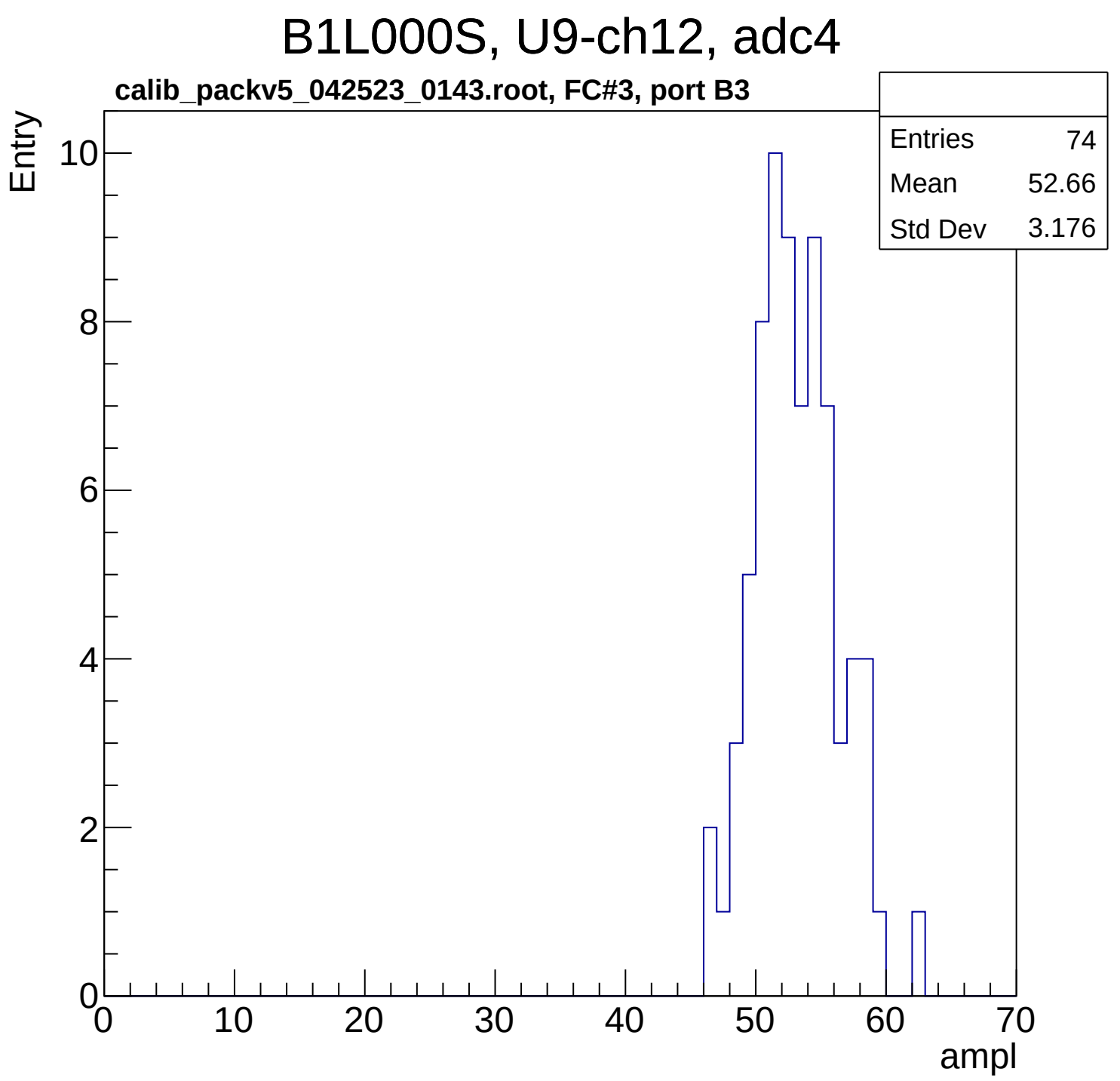
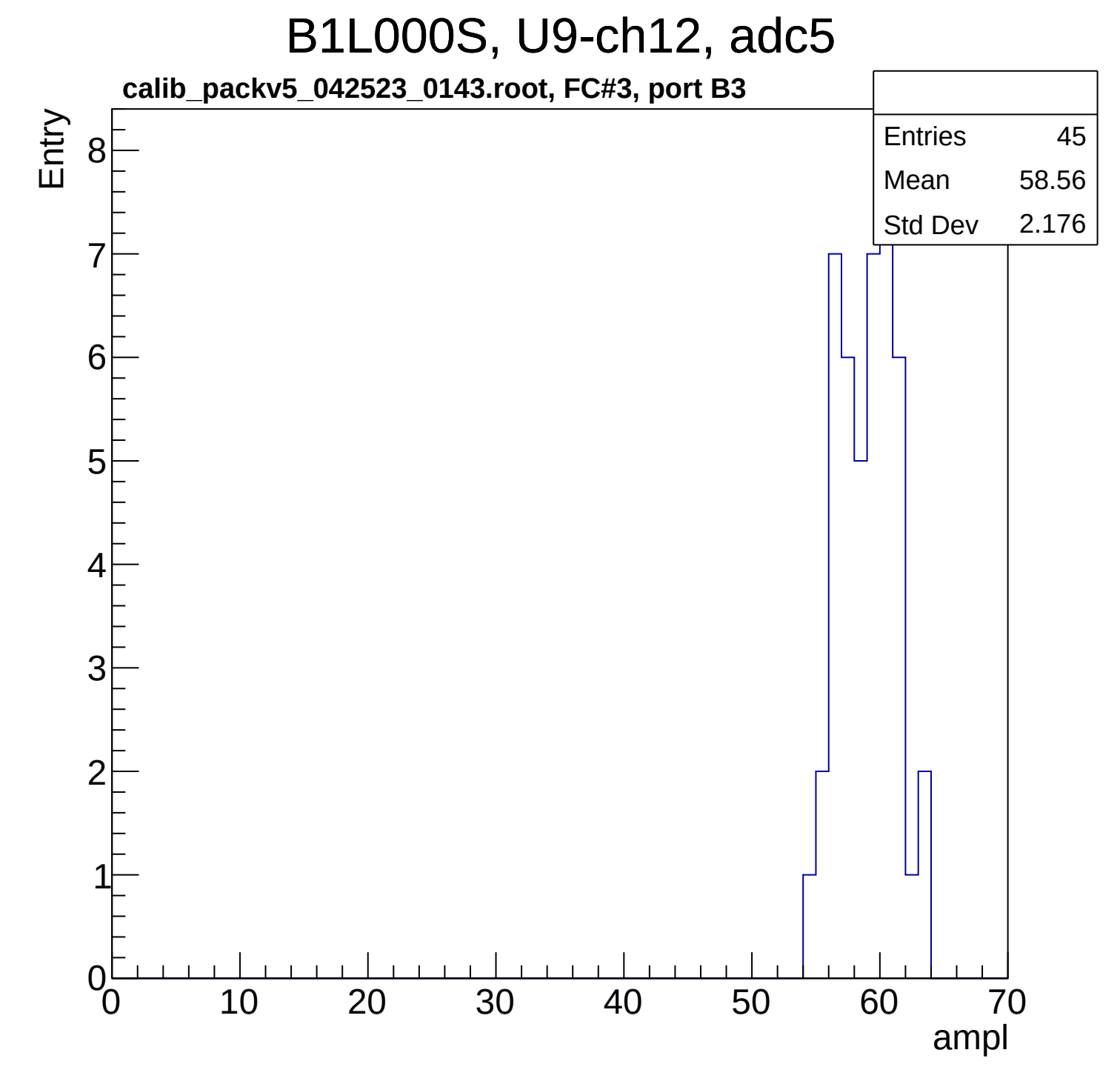
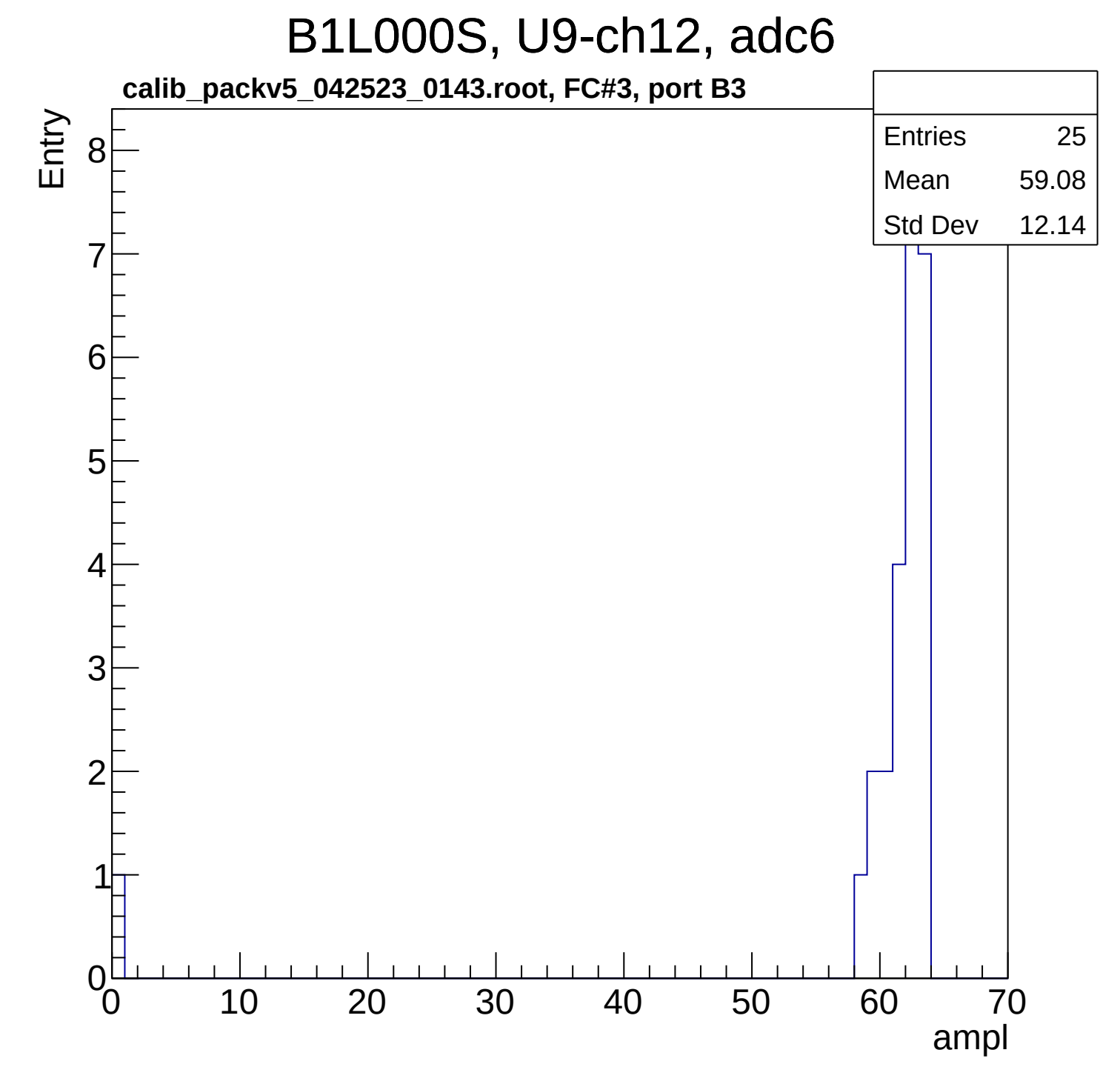

B1L000S, U9-ch12, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 52.66
Std Dev 3.176
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch12, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.56
Std Dev 2.176
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch12, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 25
Mean 59.08
Std Dev 12.14
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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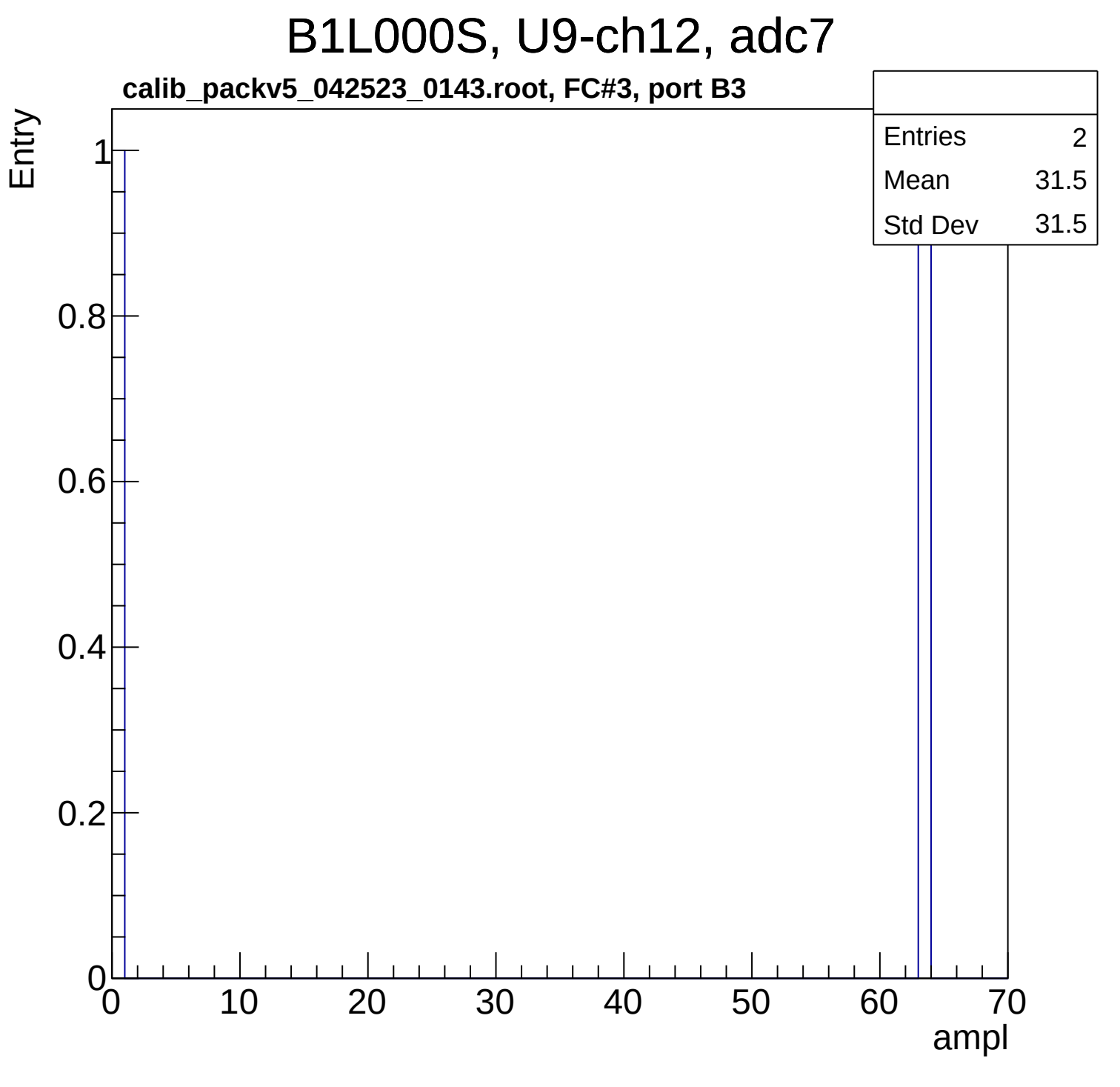
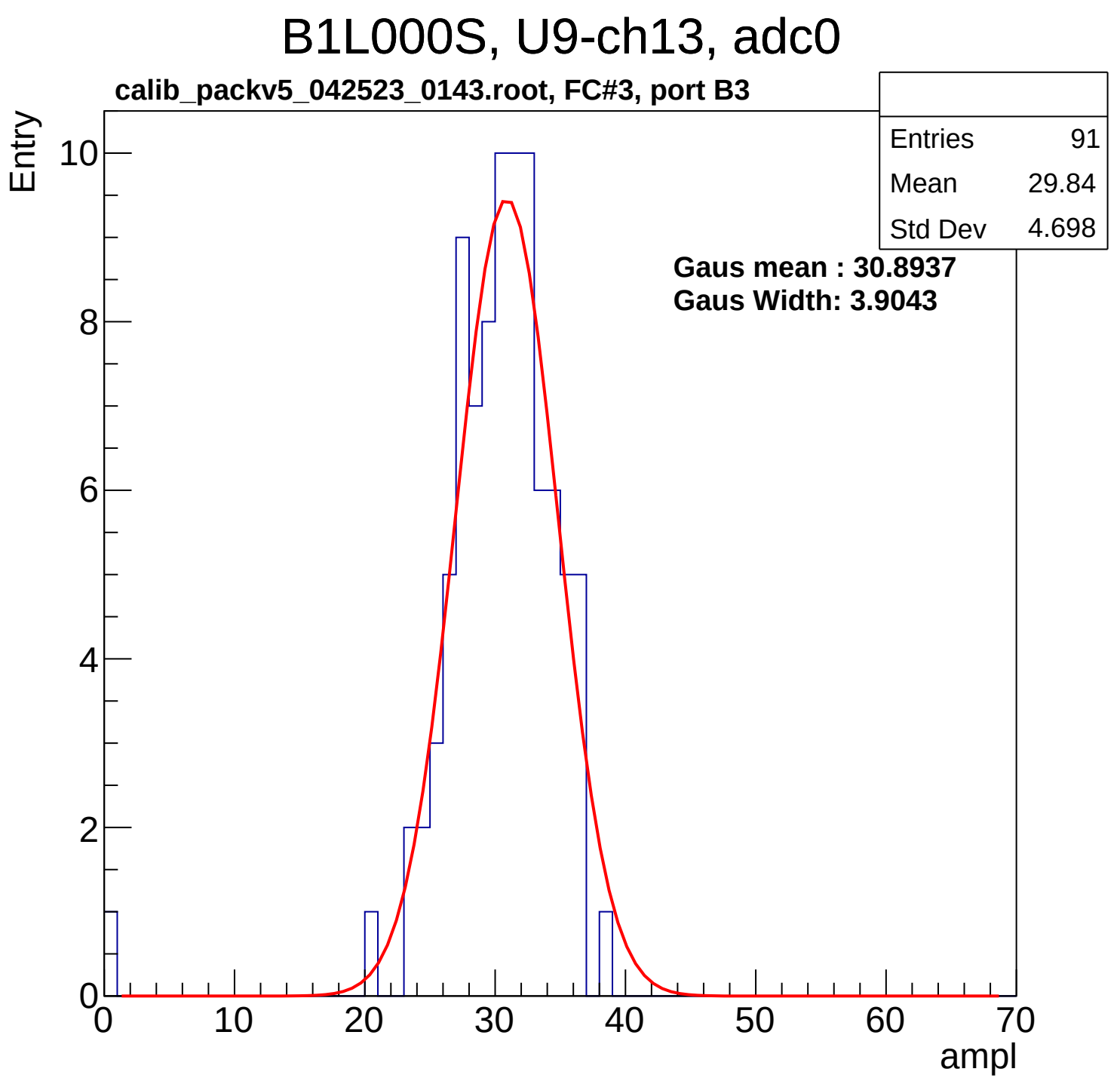
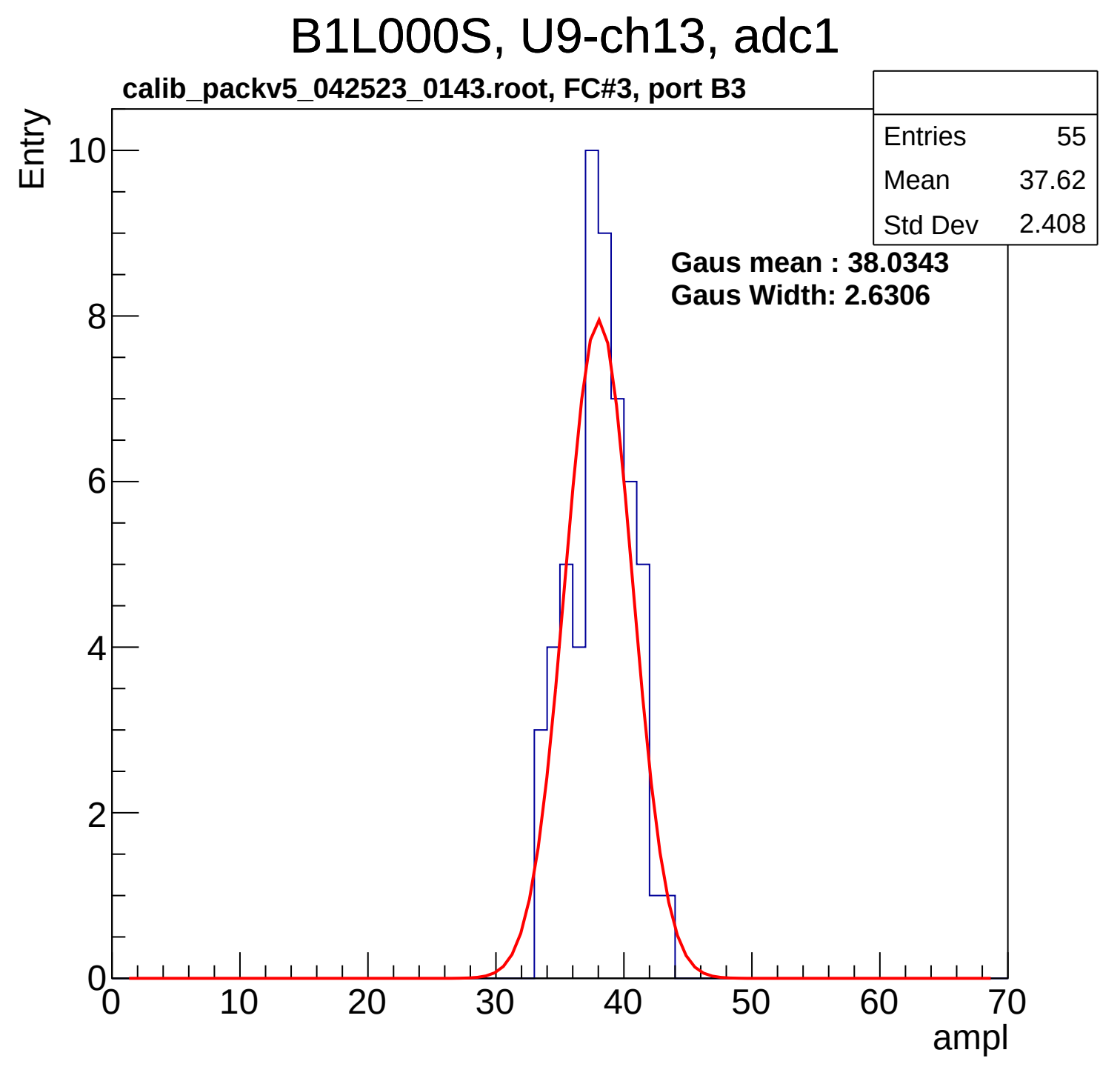
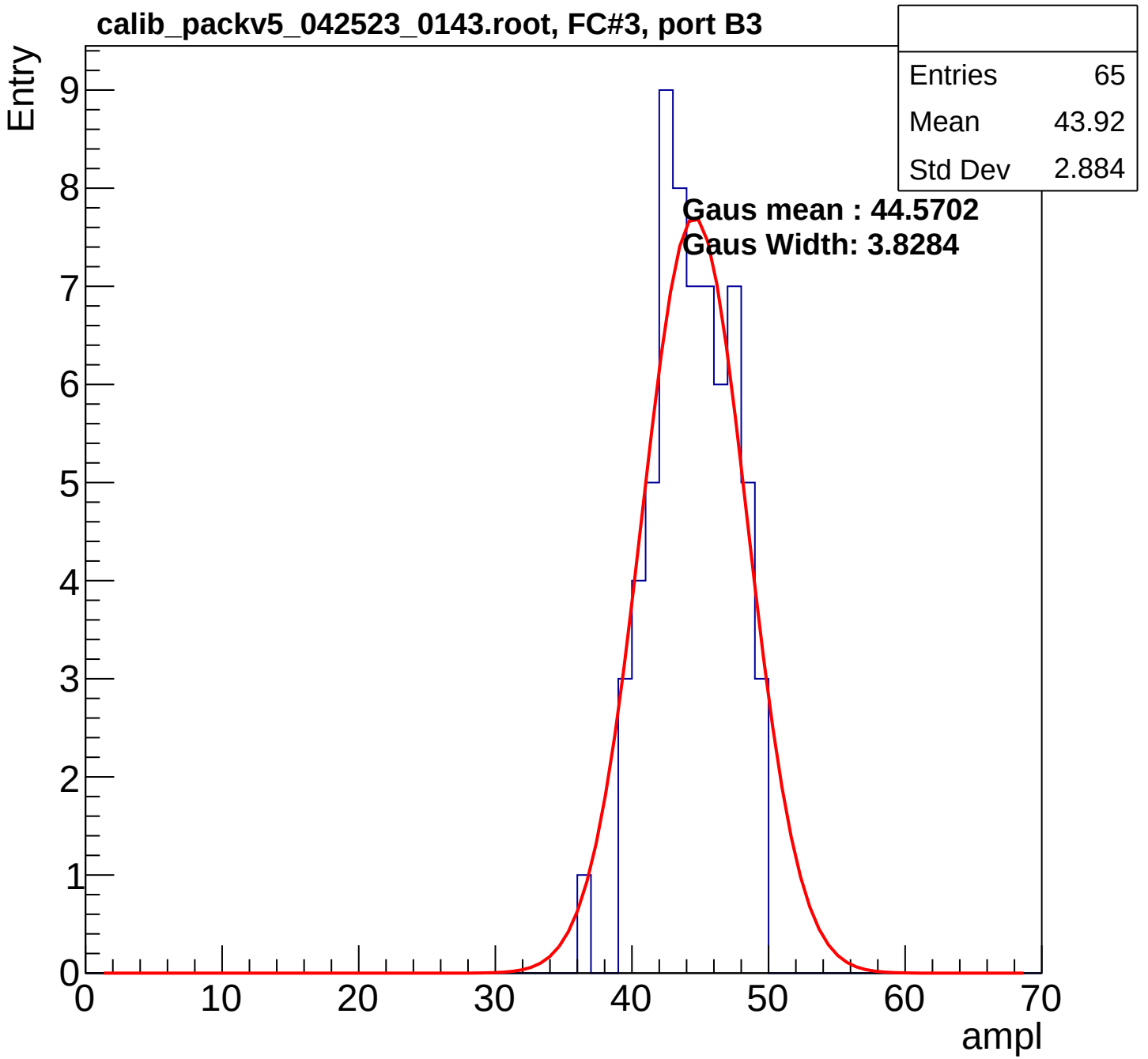
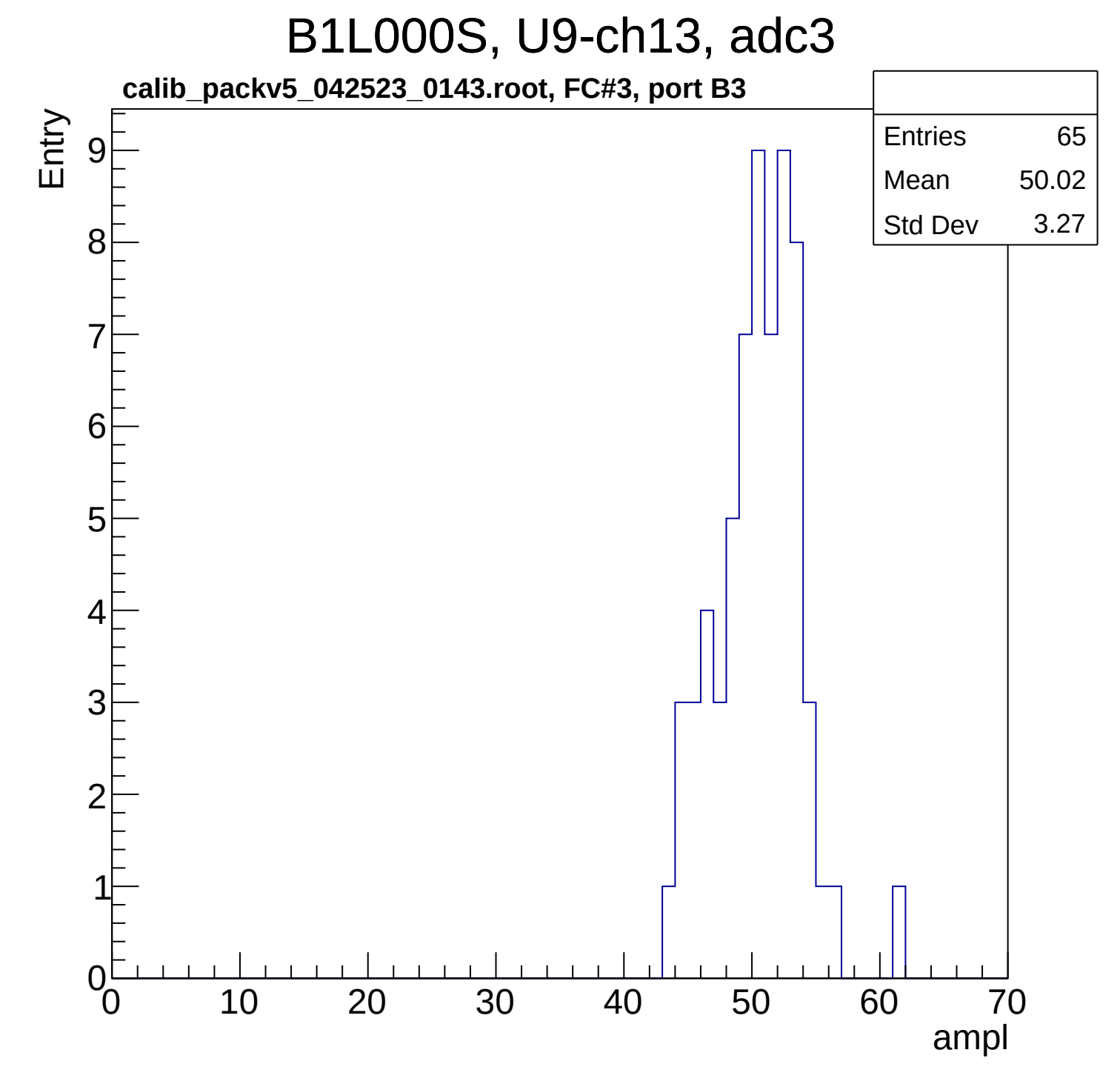

B1L000S, U9-ch12, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch13, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 91
Mean 29.84
Std Dev 4.698
Gaus mean : 30.8937
Gaus Width: 3.9043
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch13, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 37.62
Std Dev 2.408
Gaus mean : 38.0343
Gaus Width: 2.6306
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch13, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 43.92
Std Dev 2.884
Gaus mean : 44.5702
Gaus Width: 3.8284
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch13, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 50.02
Std Dev 3.27
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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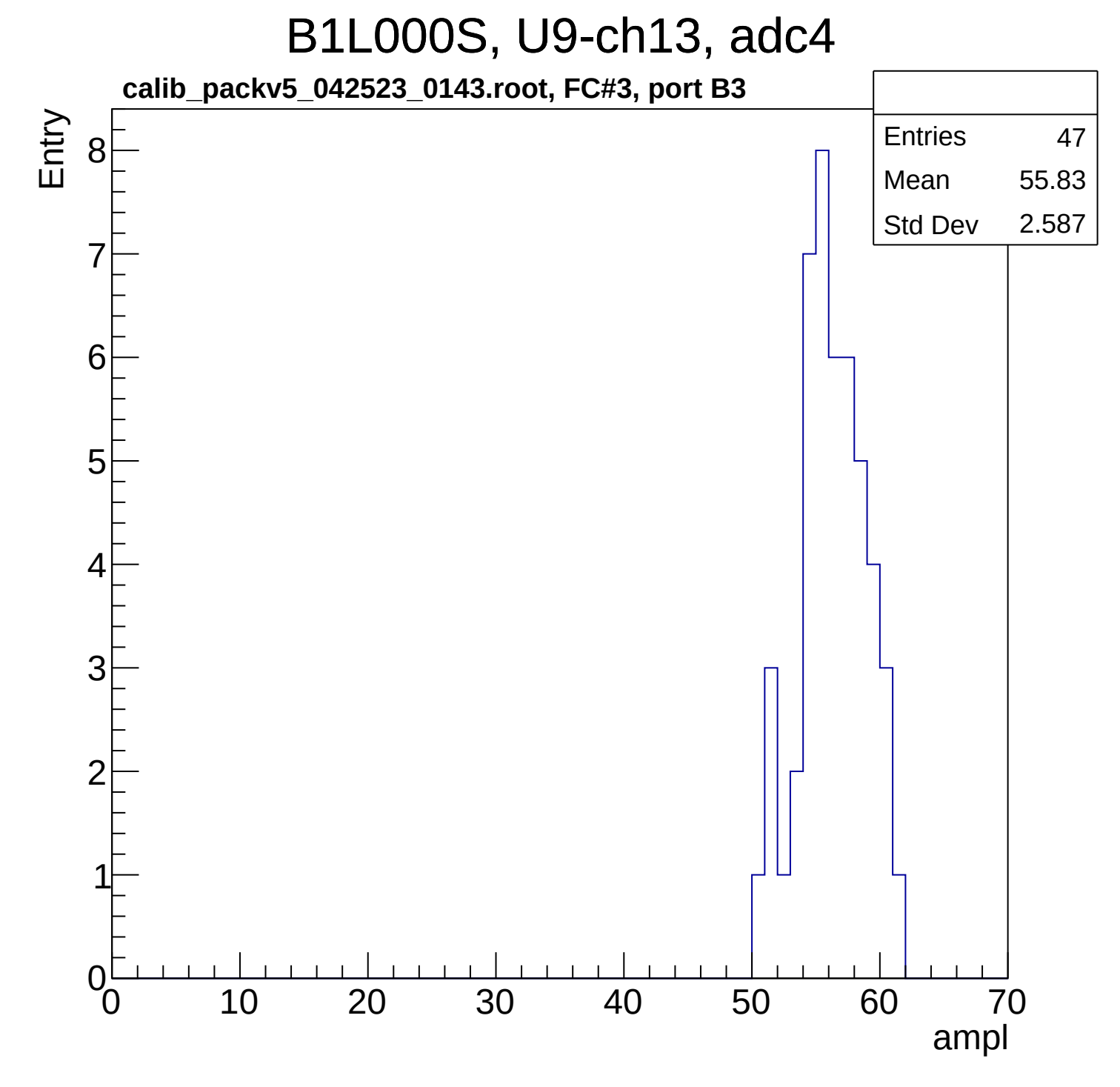
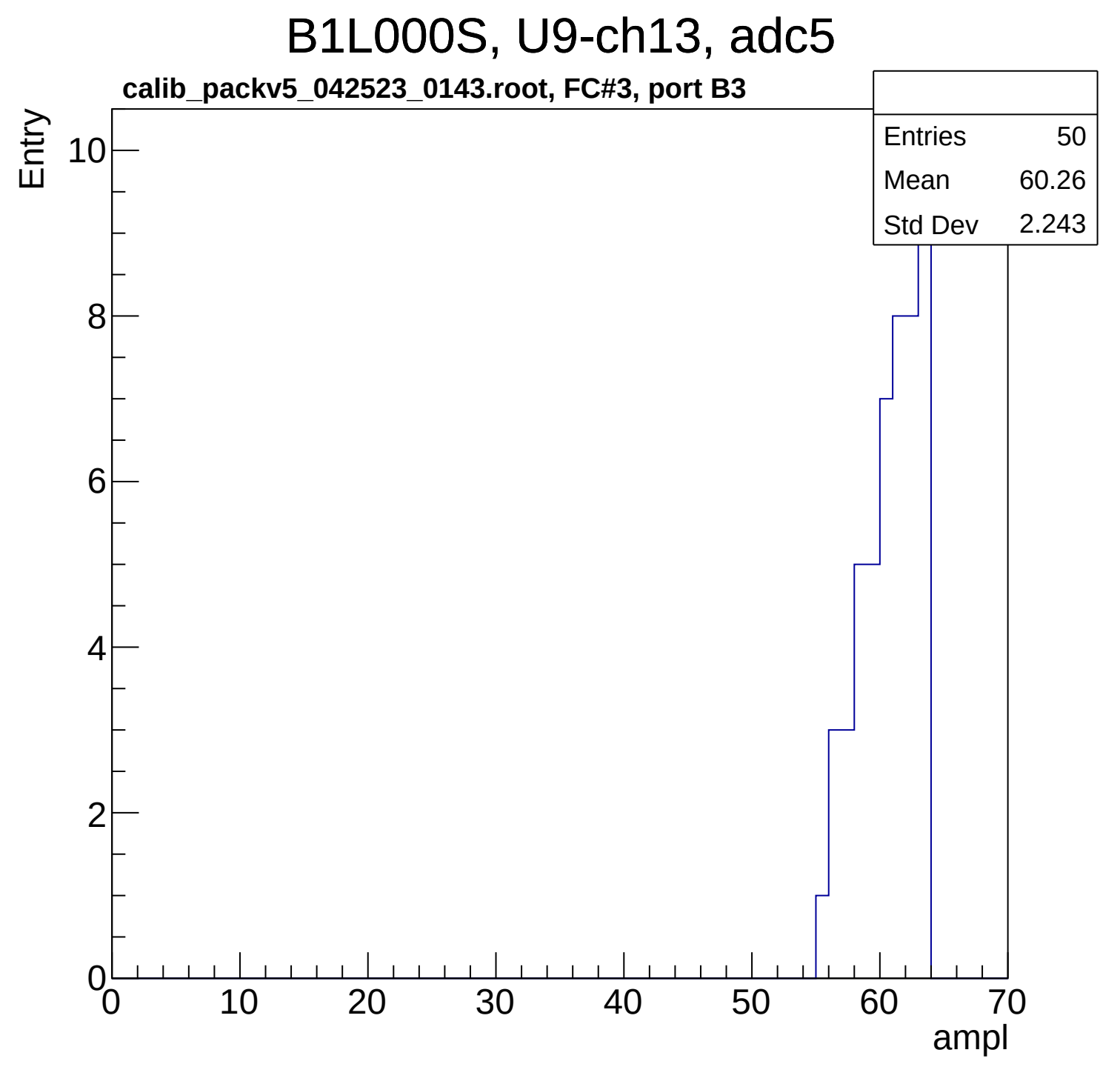
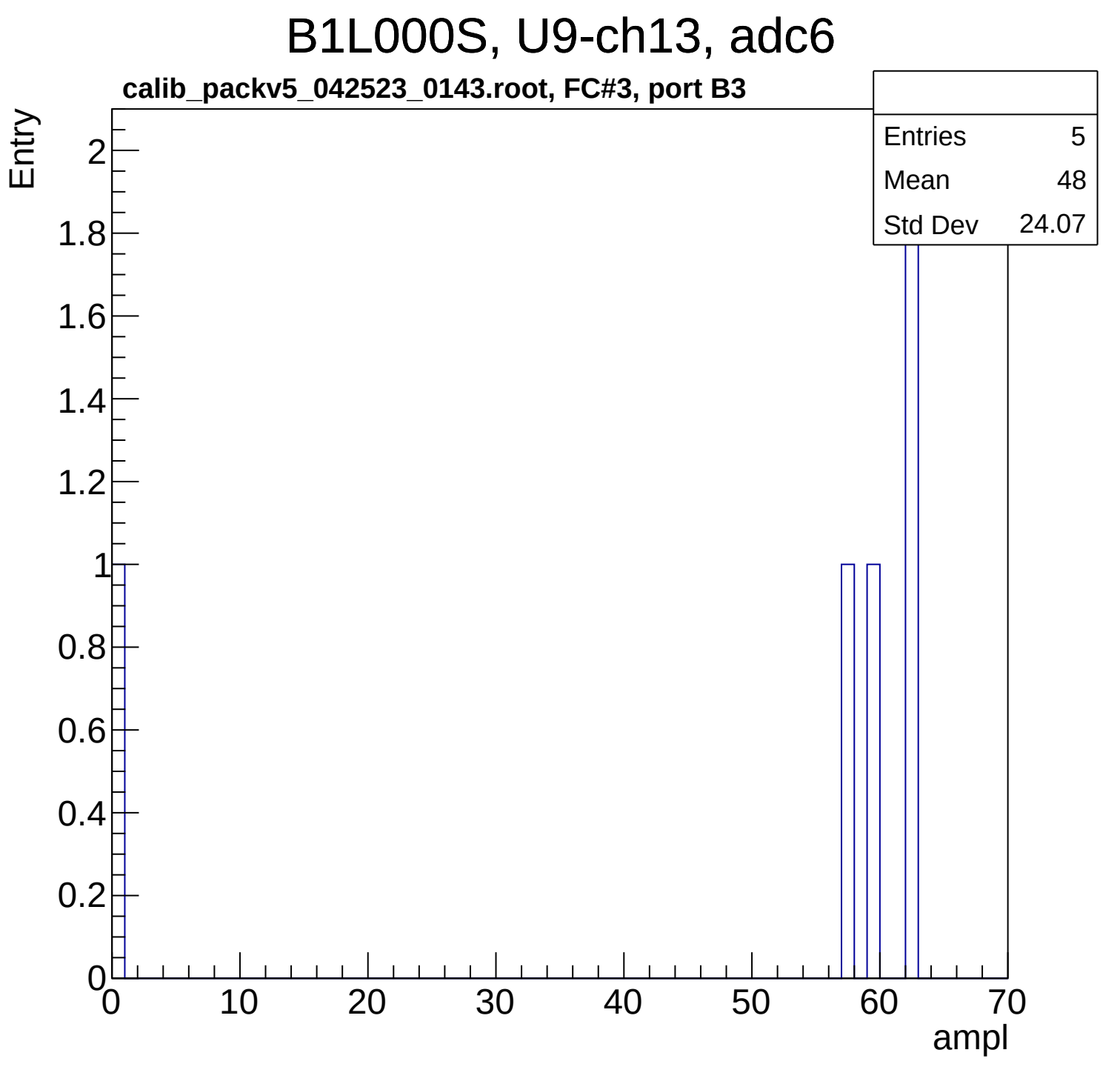
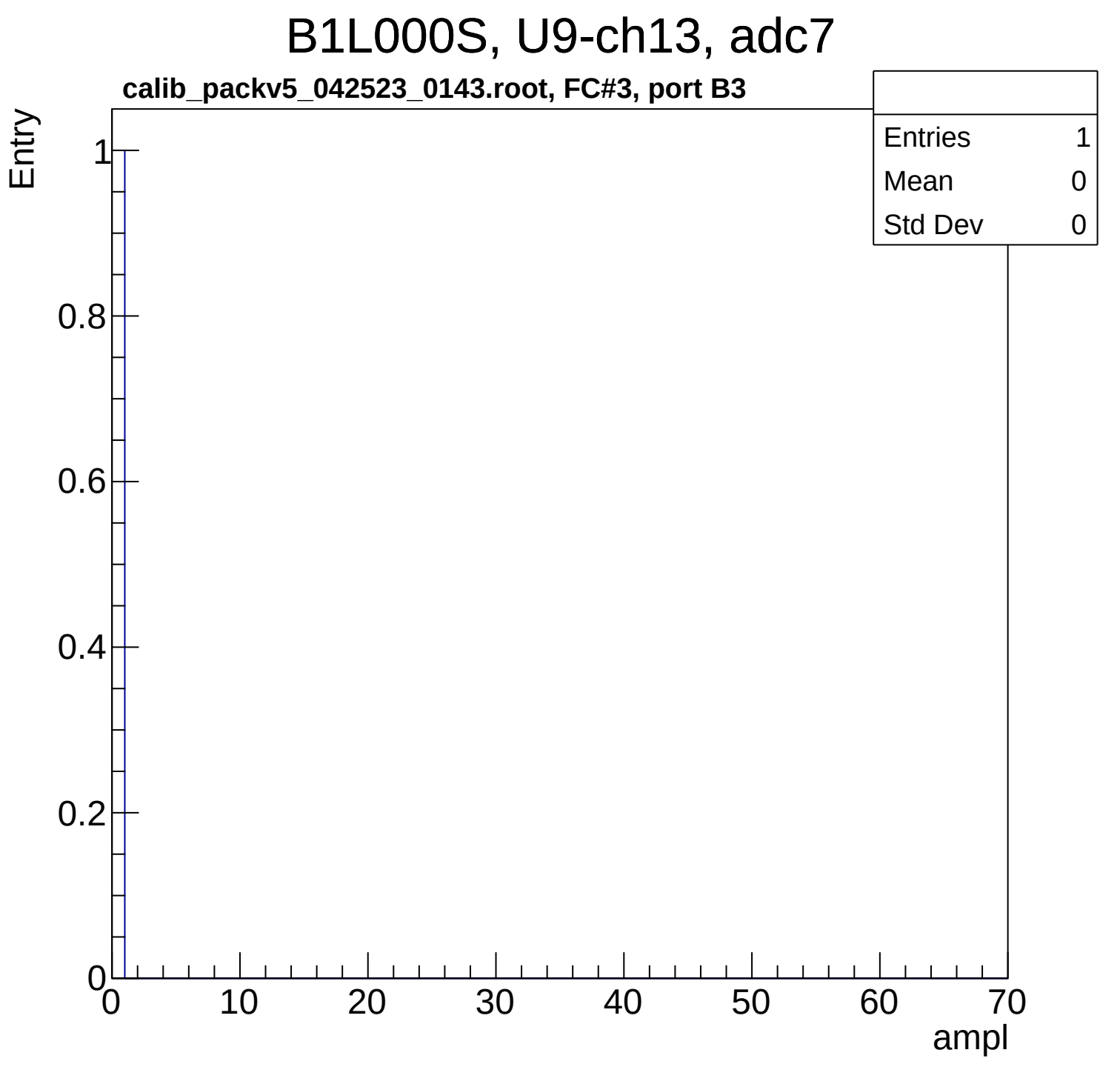
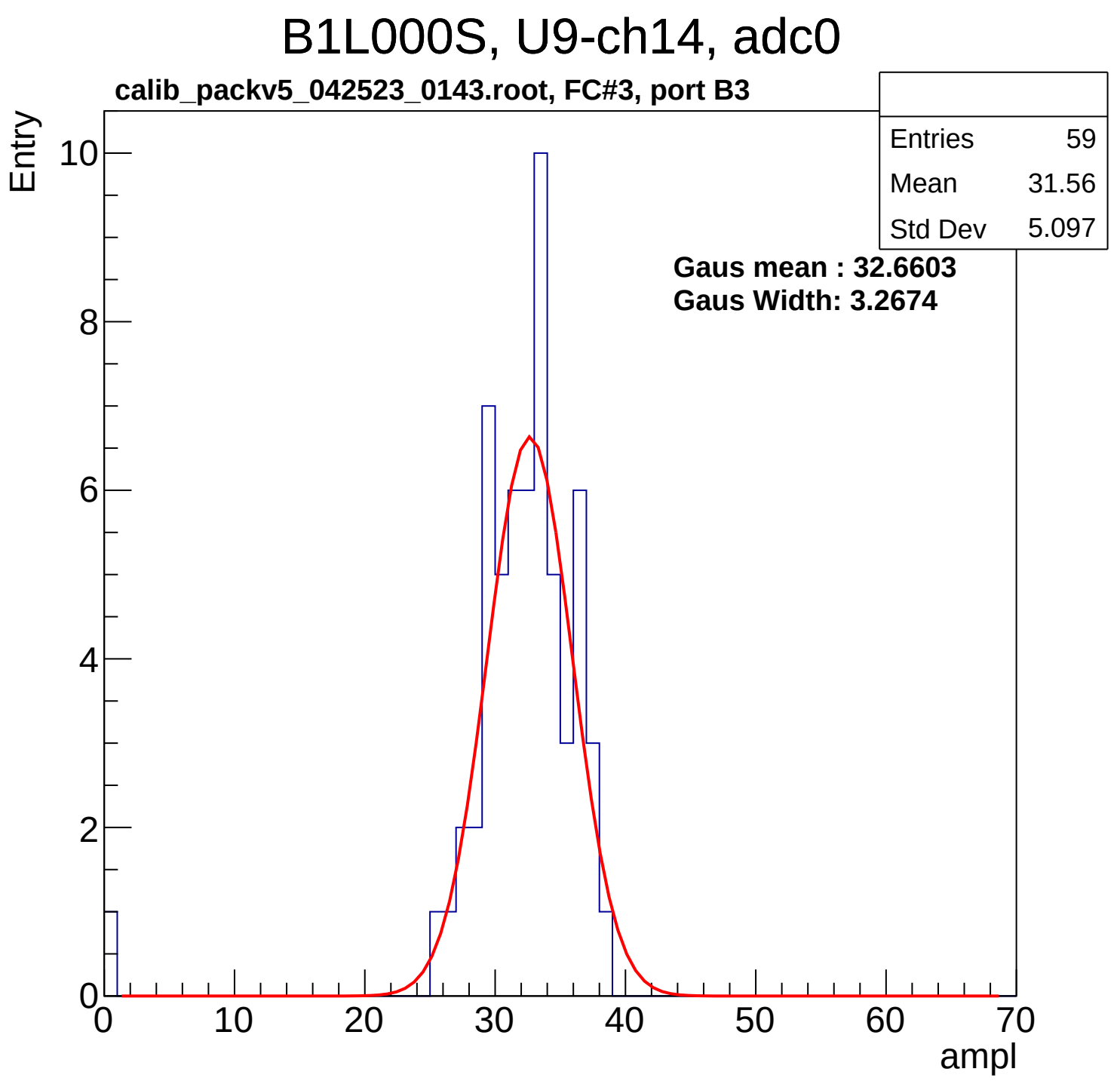

B1L000S, U9-ch13, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 55.83
Std Dev 2.587
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch13, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 60.26
Std Dev 2.243
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch13, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 48
Std Dev 24.07
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


B1L000S, U9-ch13, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch14, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 31.56
Std Dev 5.097
Gaus mean : 32.6603
Gaus Width: 3.2674
Entry
ampl
0
2
4
6
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0
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20
30
40
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60
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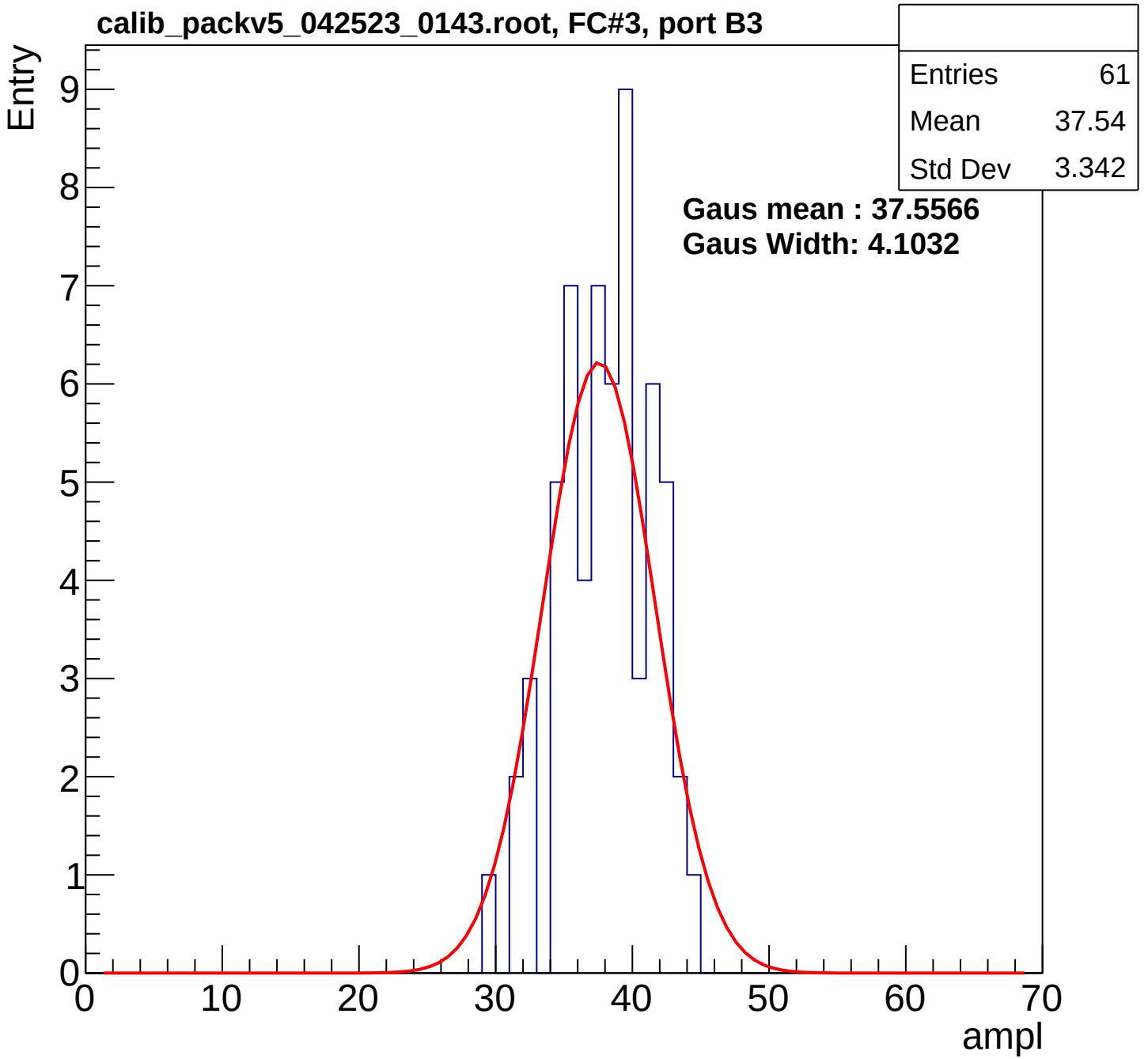
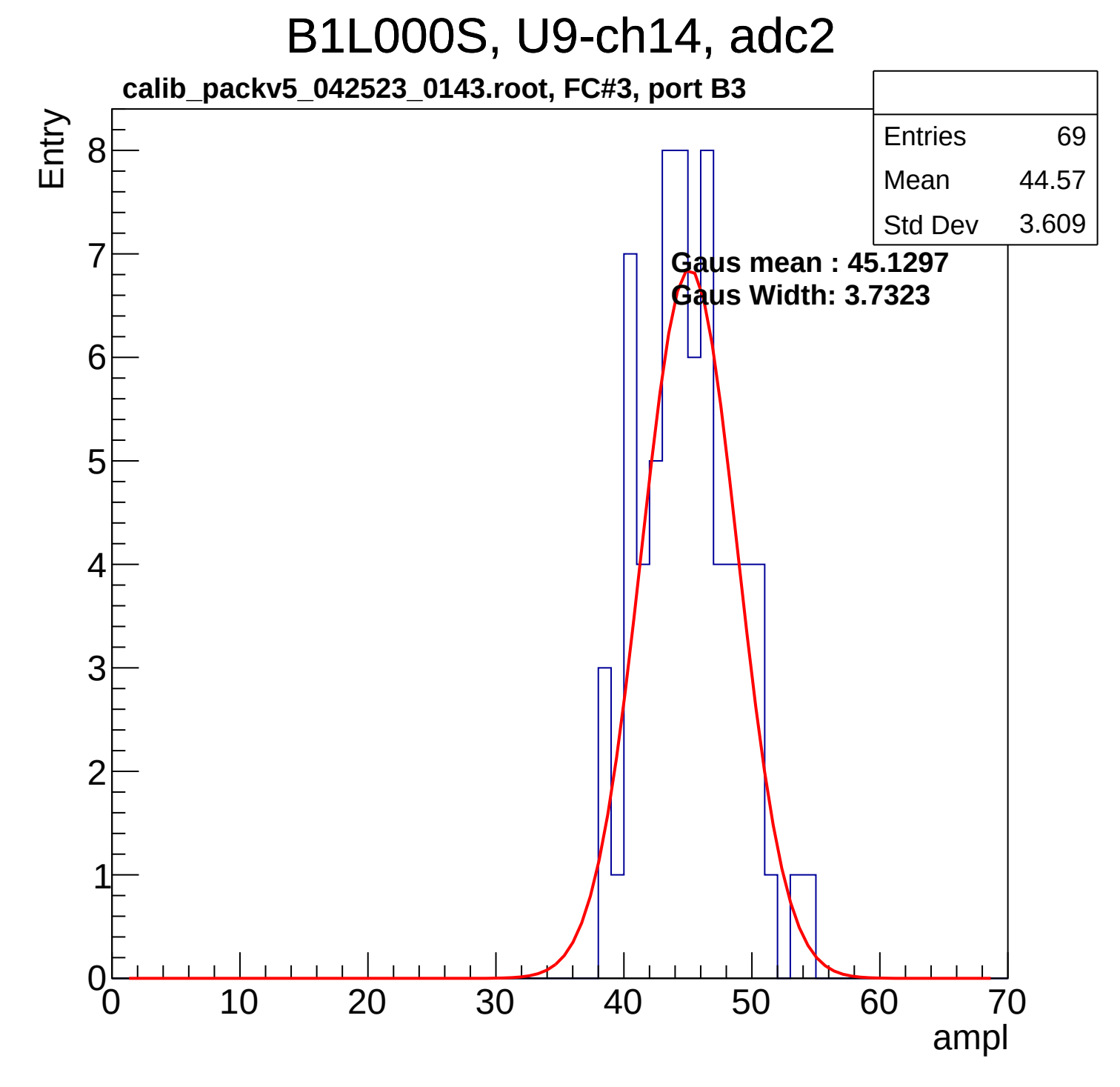

B1L000S, U9-ch14, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 37.54
Std Dev 3.342
Gaus mean : 37.5566
Gaus Width: 4.1032
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch14, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 44.57
Std Dev 3.609
Gaus mean : 45.1297
Gaus Width: 3.7323
Entry
ampl
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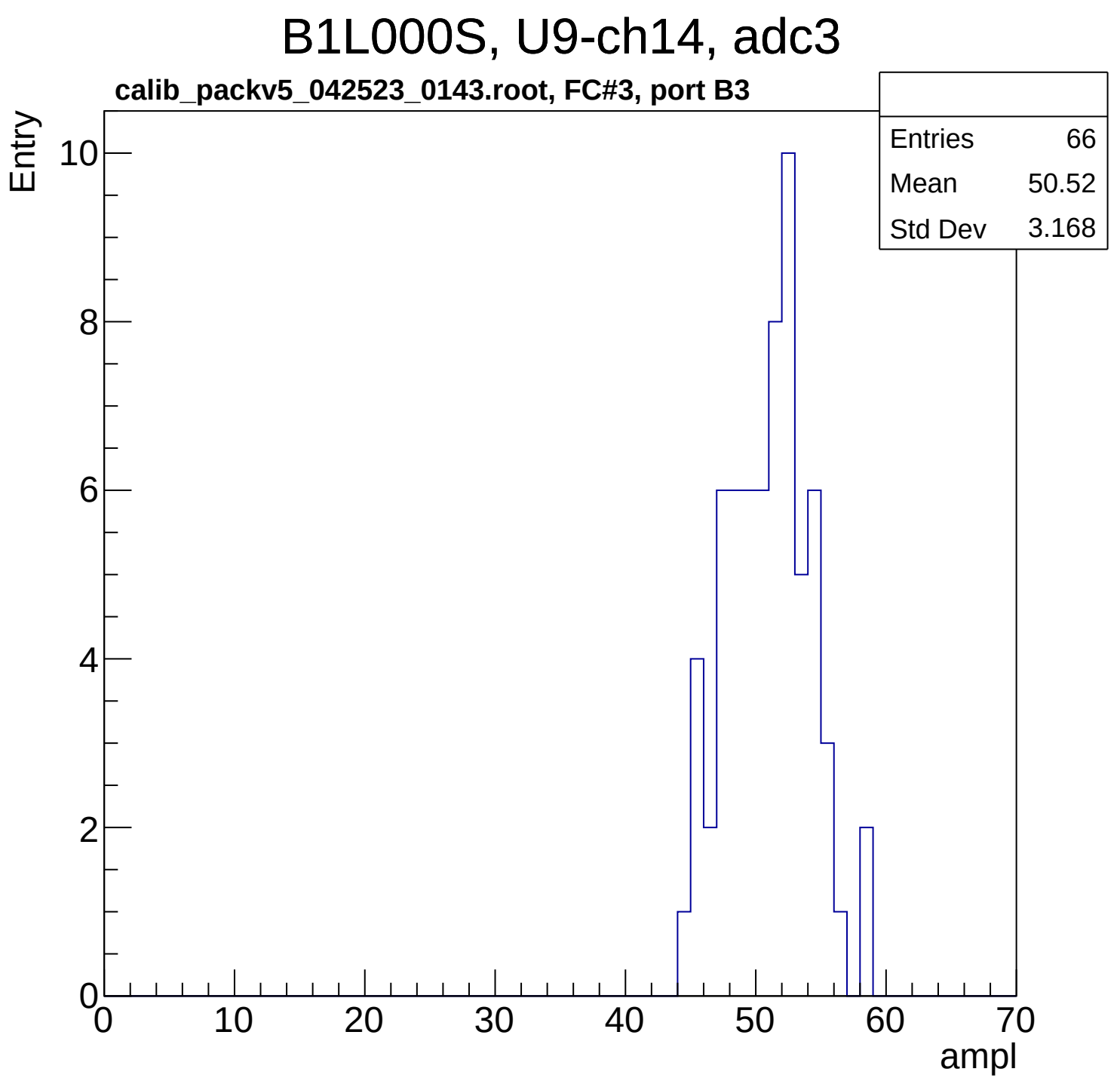
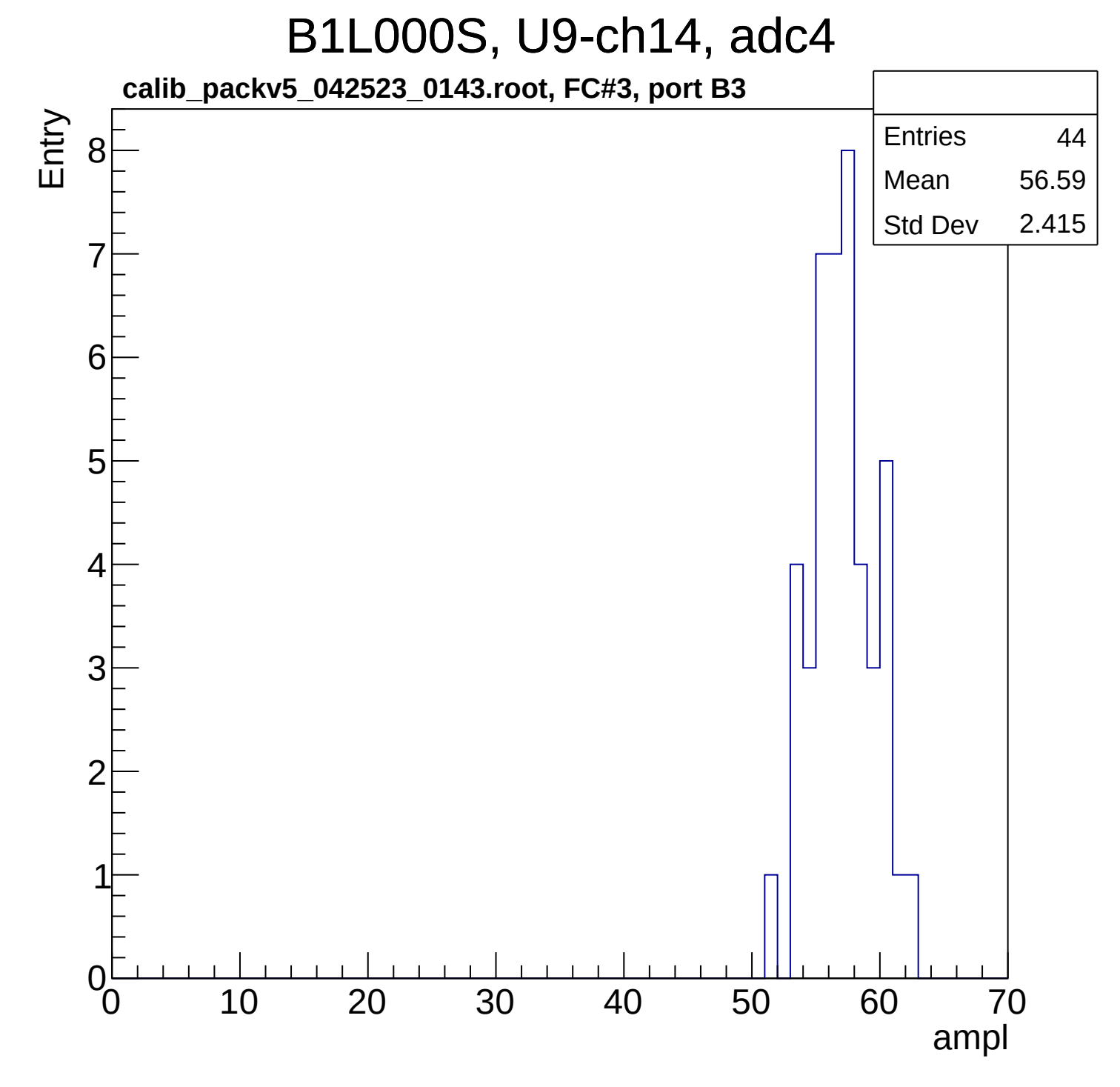
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch14, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 50.52
Std Dev 3.168
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch14, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 56.59
Std Dev 2.415
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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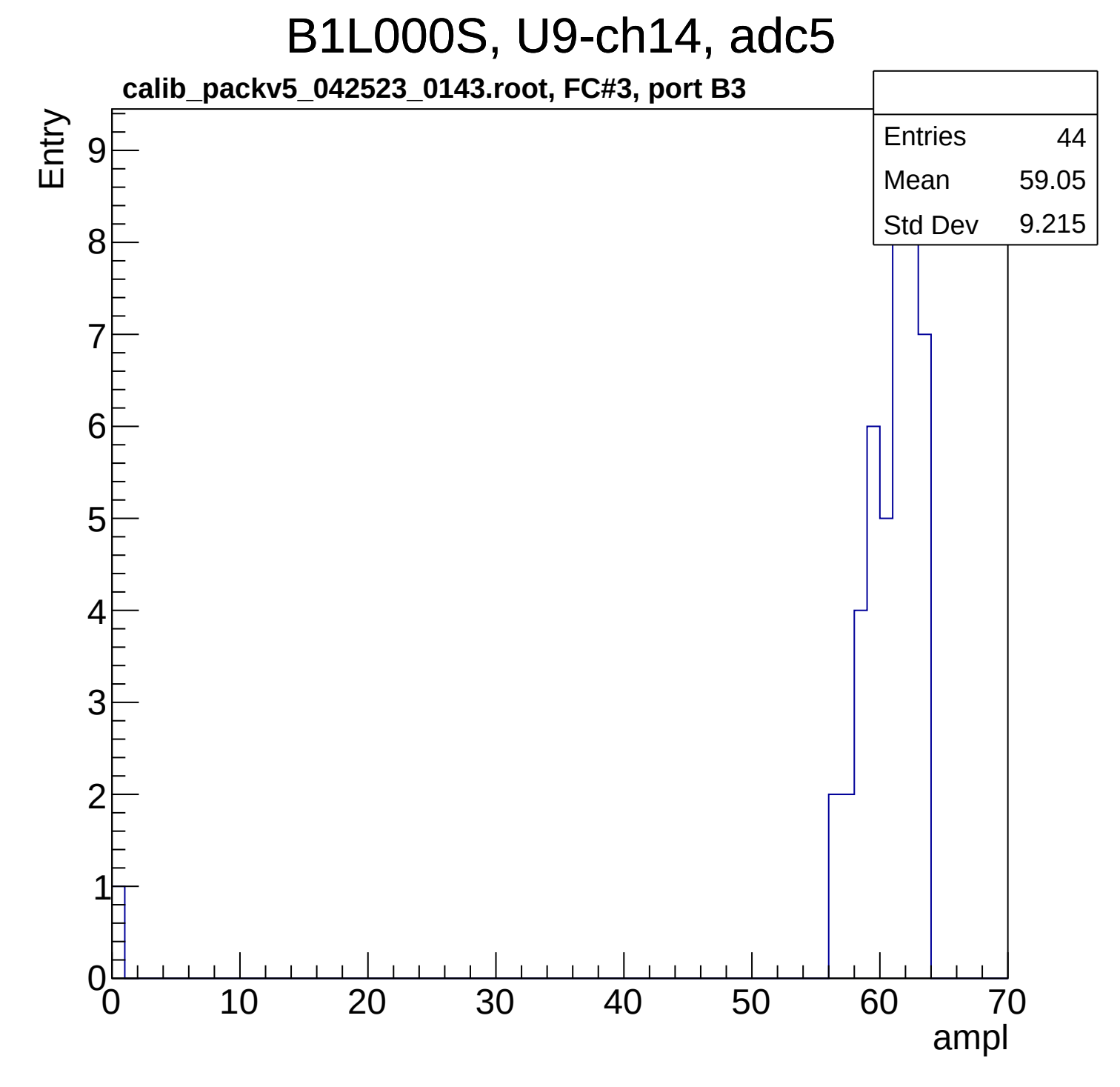
40
50
60
70


B1L000S, U9-ch14, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 59.05
Std Dev 9.215
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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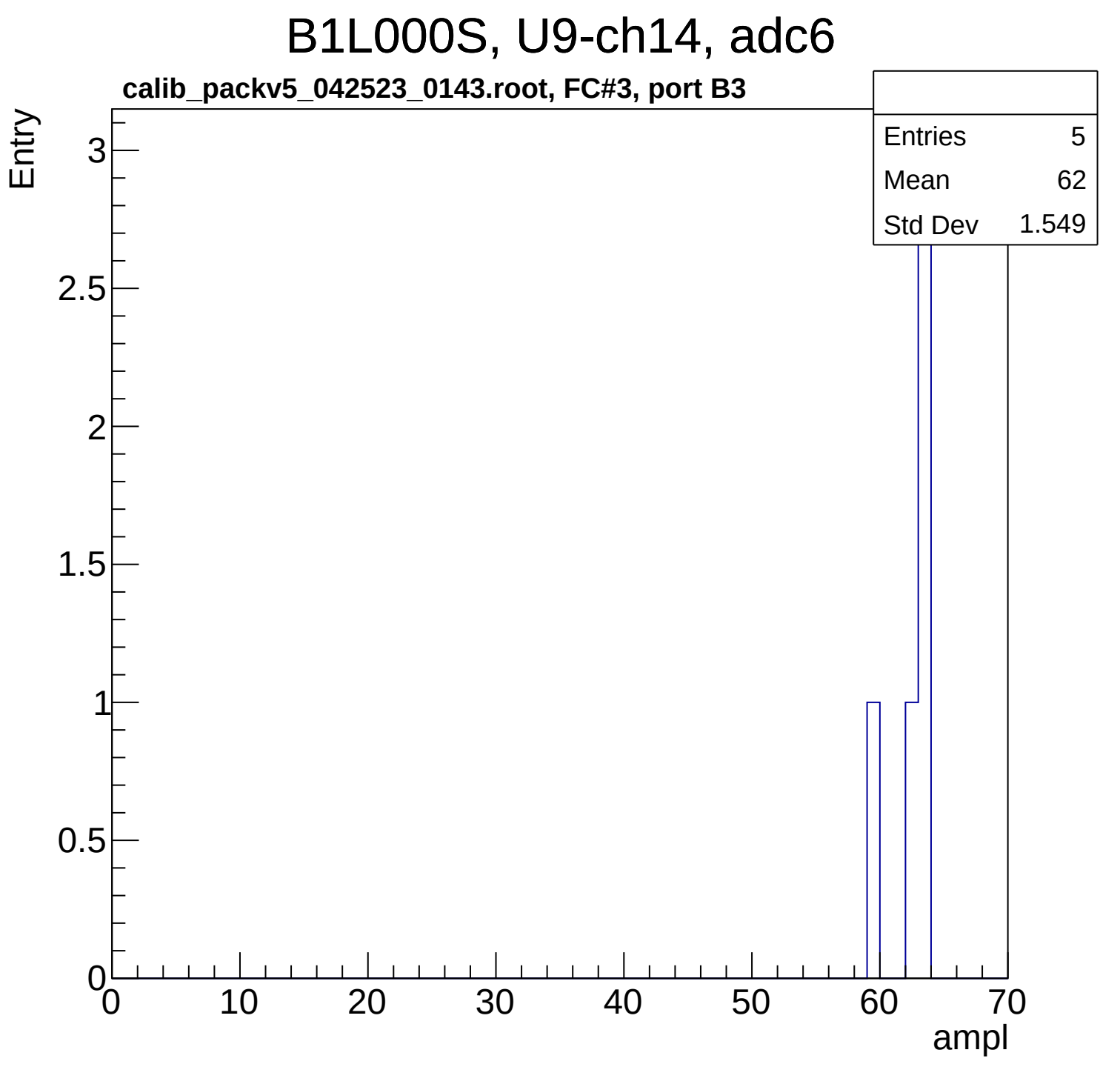
B1L000S, U9-ch14, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62
Std Dev 1.549
Entry
ampl
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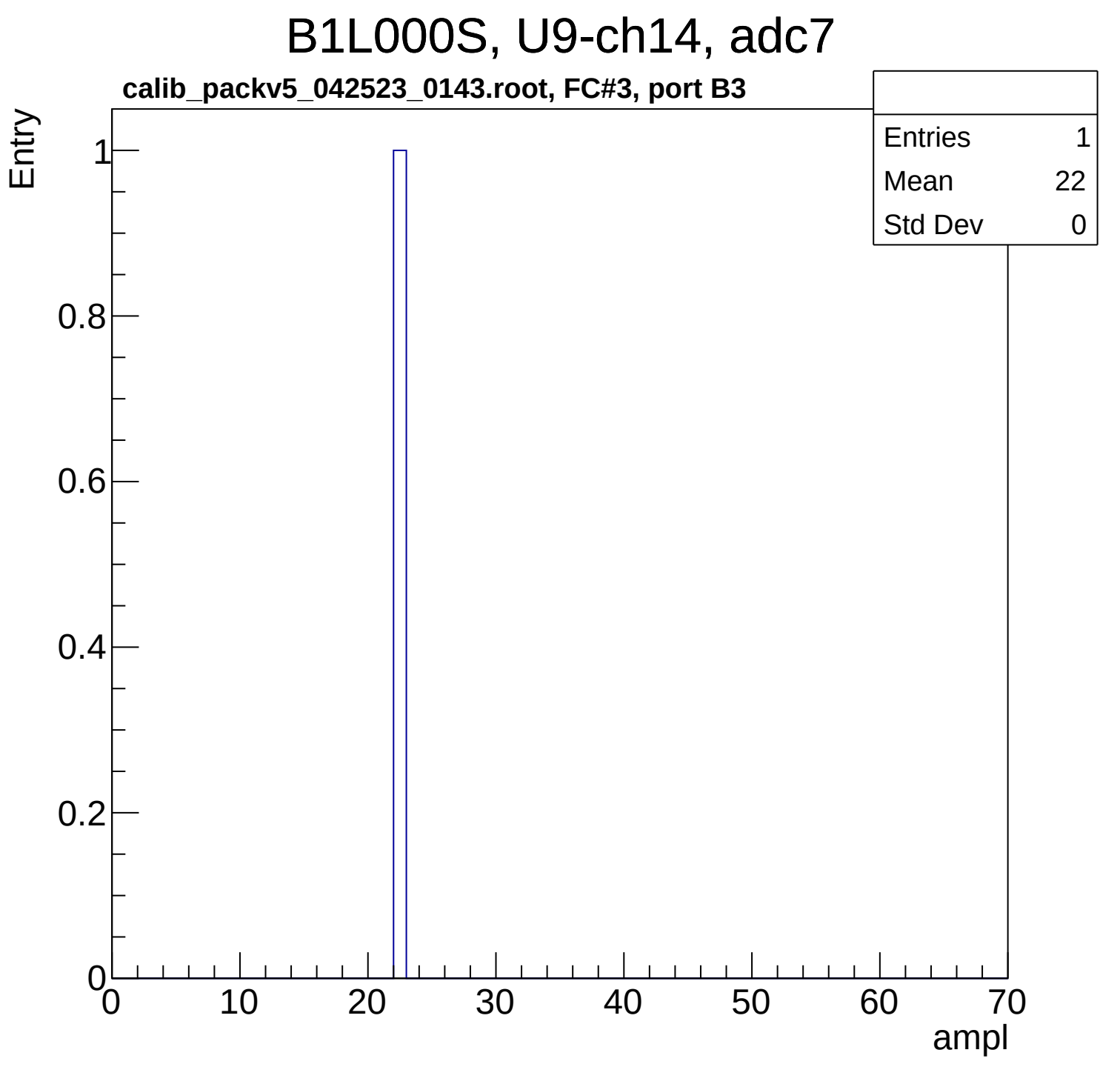
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch14, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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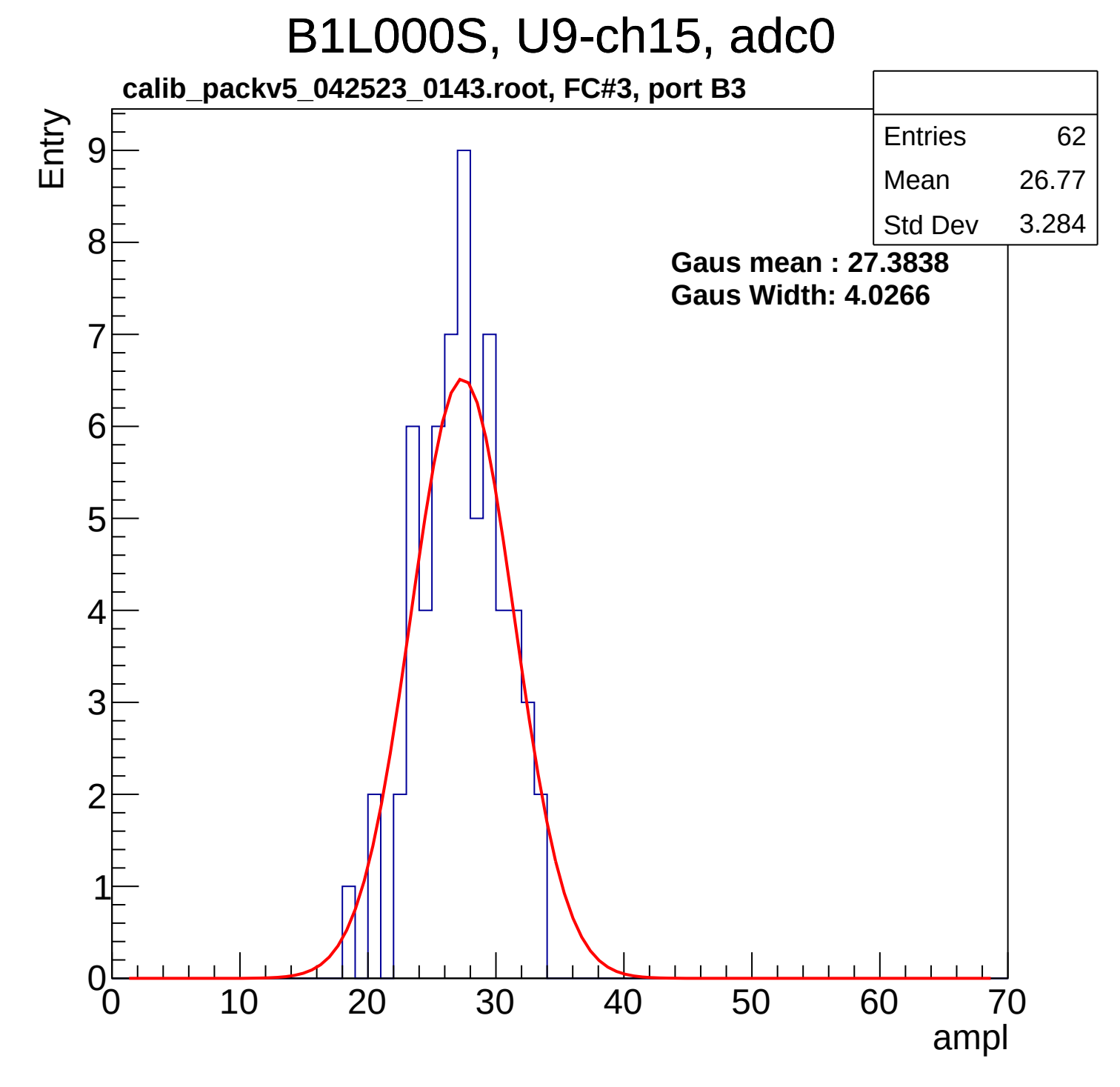
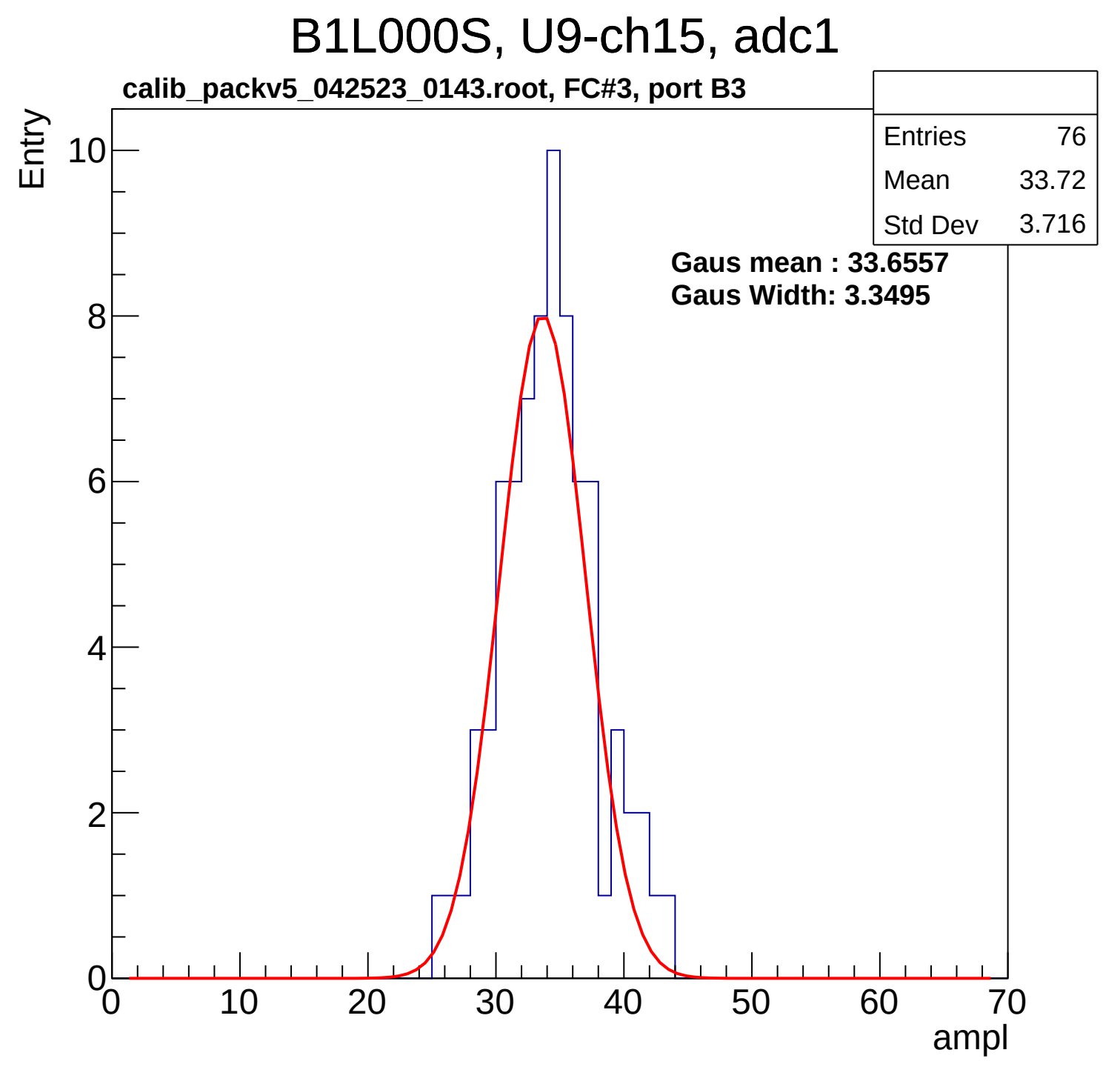
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch15, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 26.77
Std Dev 3.284
Gaus mean : 27.3838
Gaus Width: 4.0266
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch15, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 33.72
Std Dev 3.716
Gaus mean : 33.6557
Gaus Width: 3.3495
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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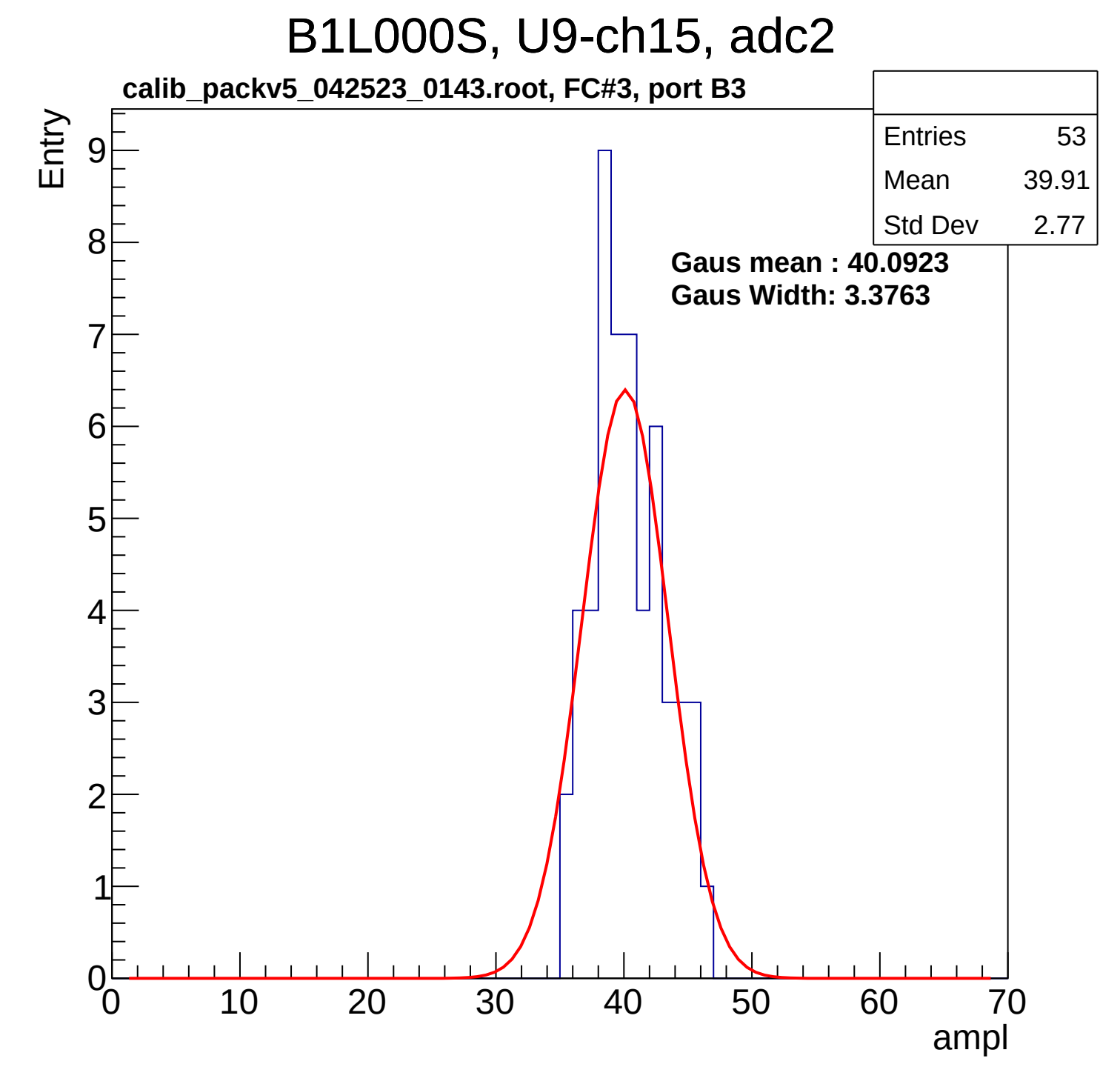
B1L000S, U9-ch15, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 39.91
Std Dev 2.77
Gaus mean : 40.0923
Gaus Width: 3.3763
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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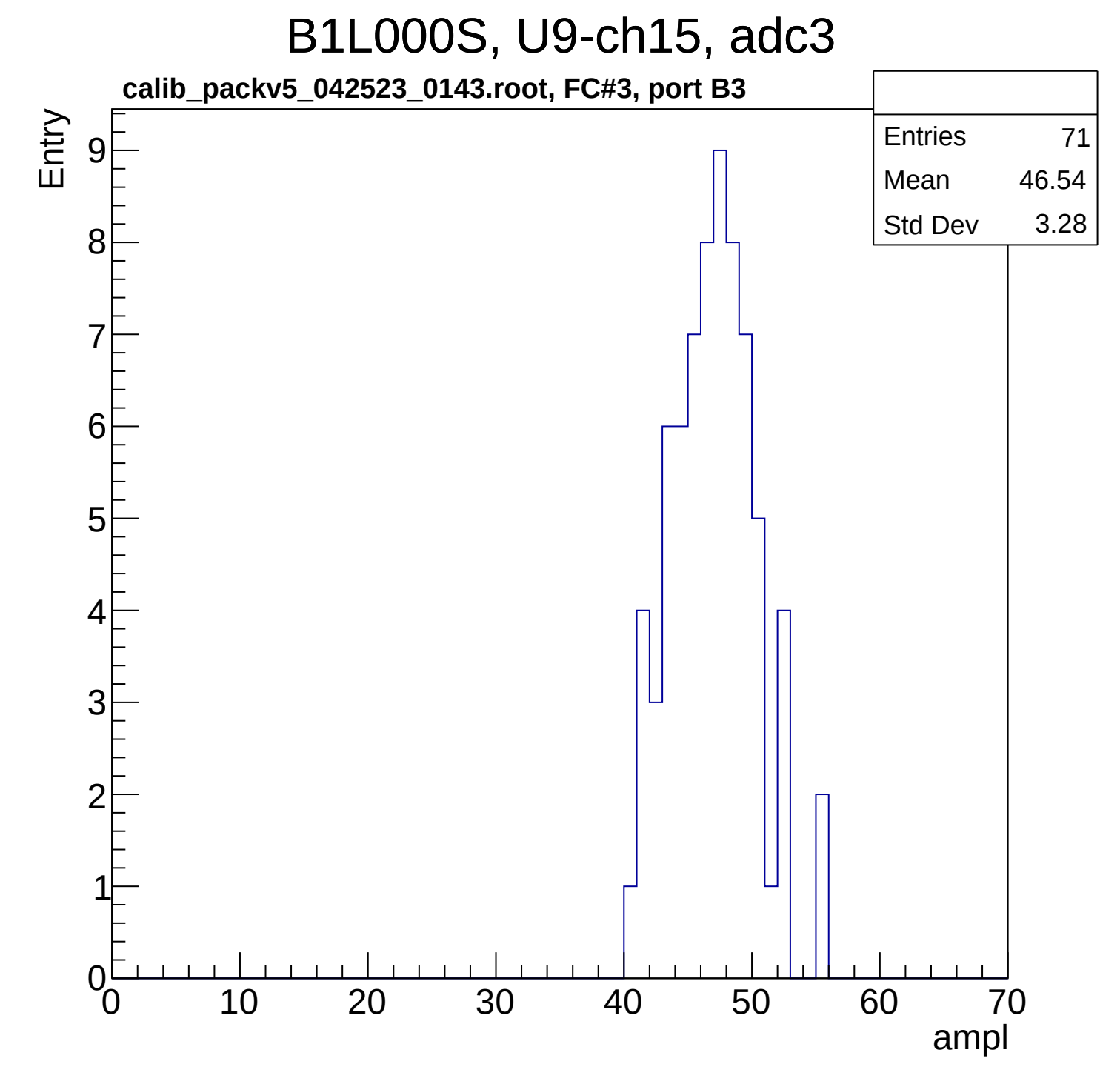
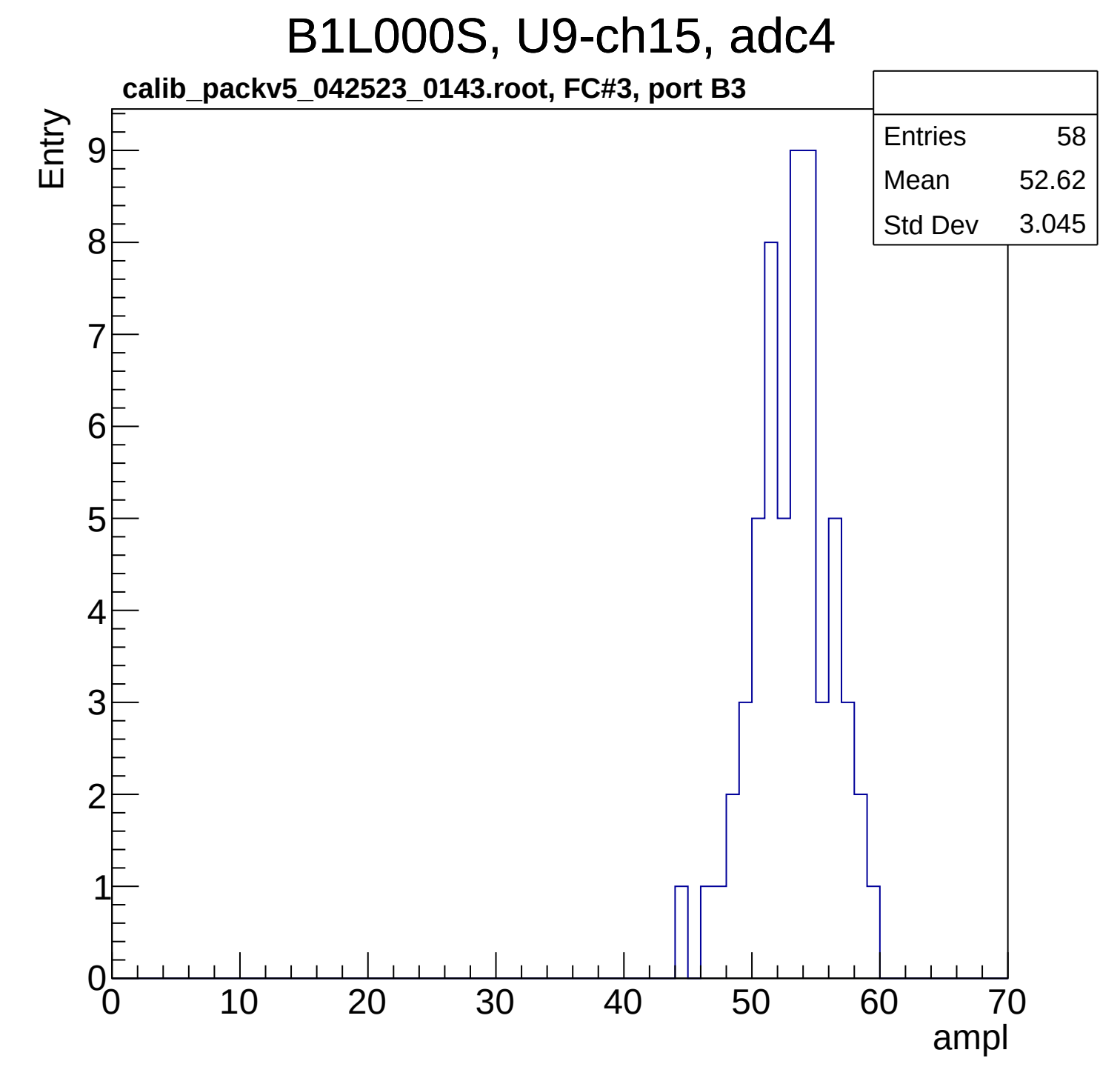

B1L000S, U9-ch15, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 46.54
Std Dev 3.28
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch15, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 52.62
Std Dev 3.045
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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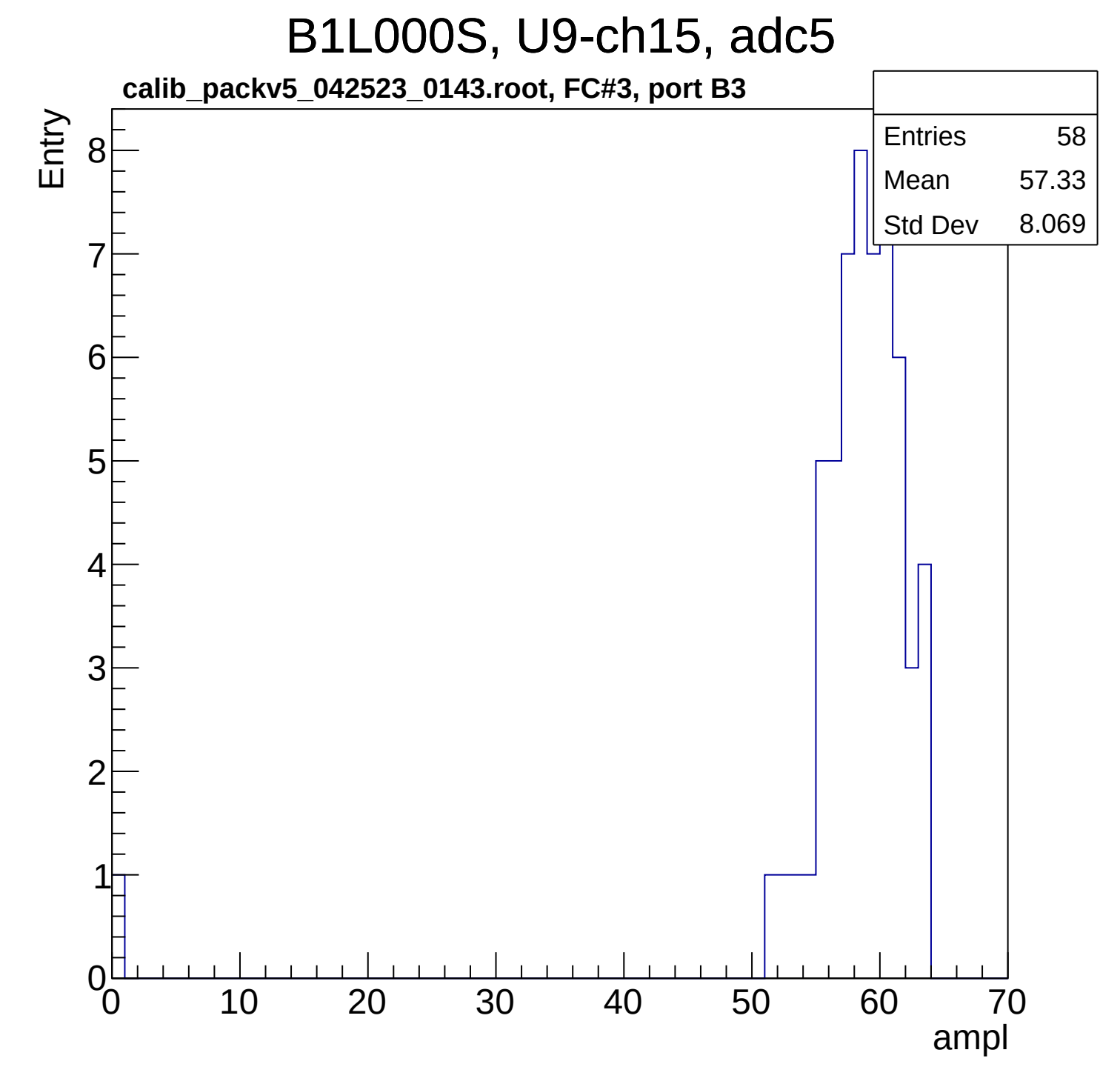
B1L000S, U9-ch15, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 57.33
Std Dev 8.069
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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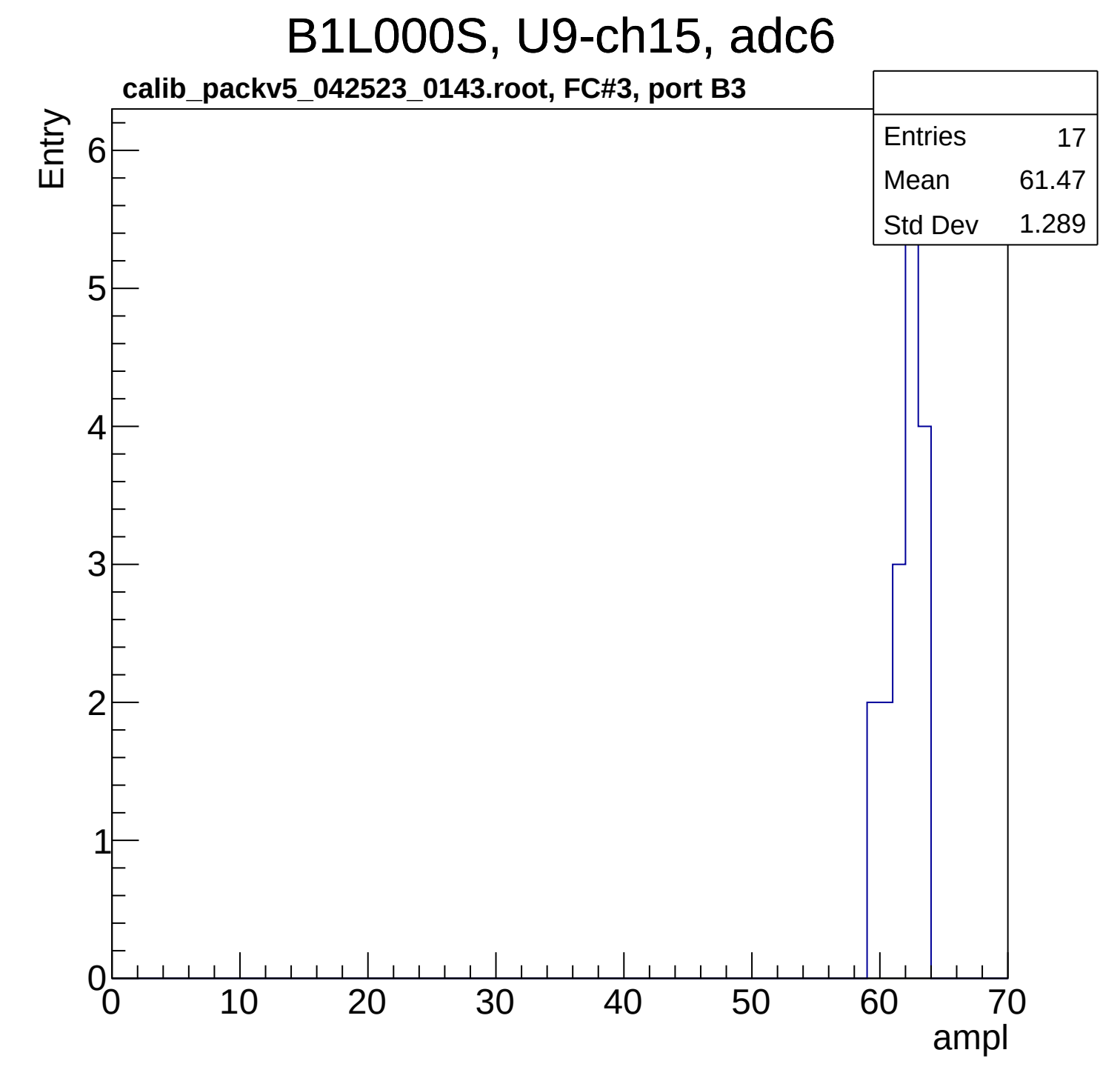
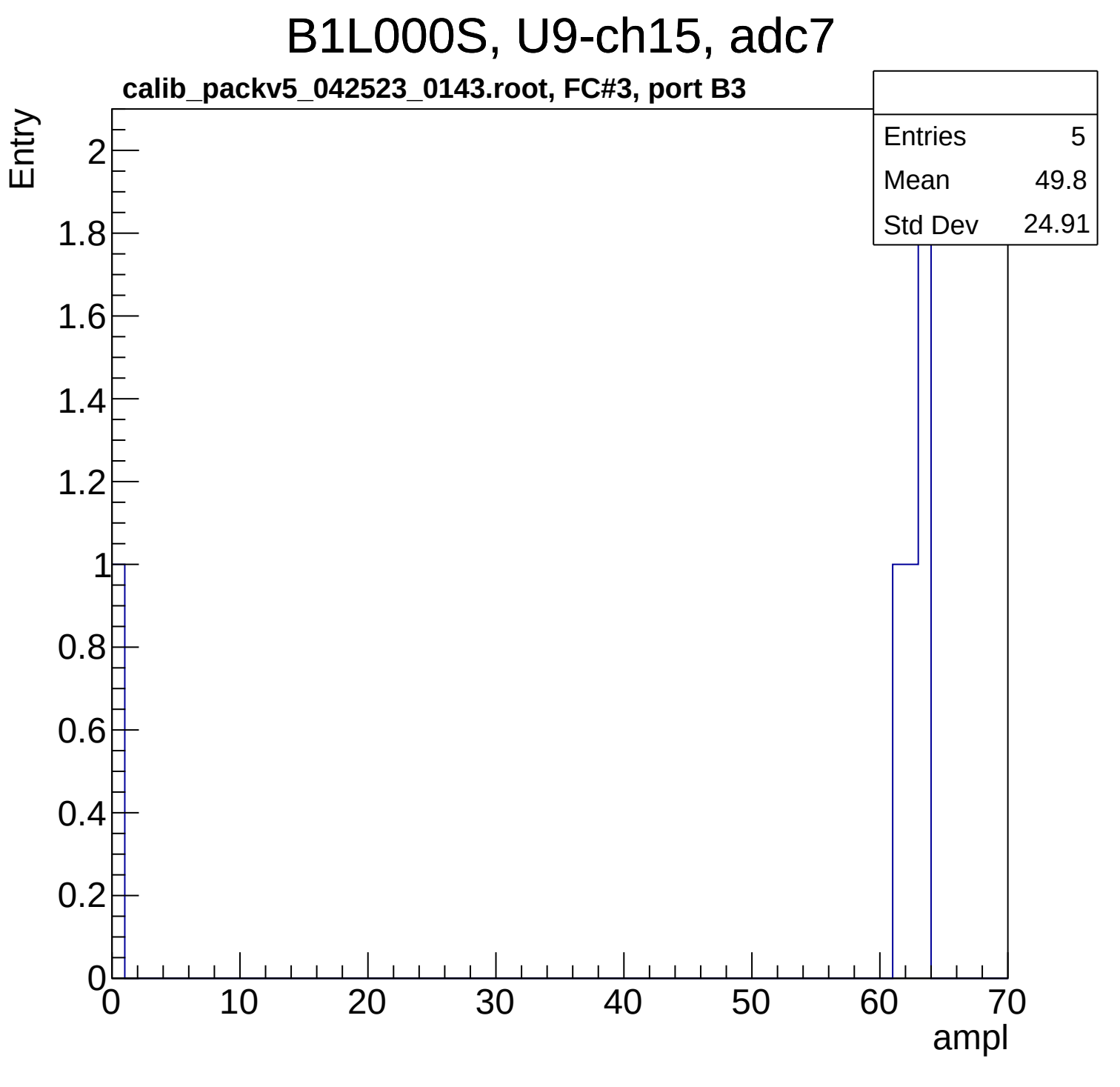

B1L000S, U9-ch15, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.47
Std Dev 1.289
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch15, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 49.8
Std Dev 24.91
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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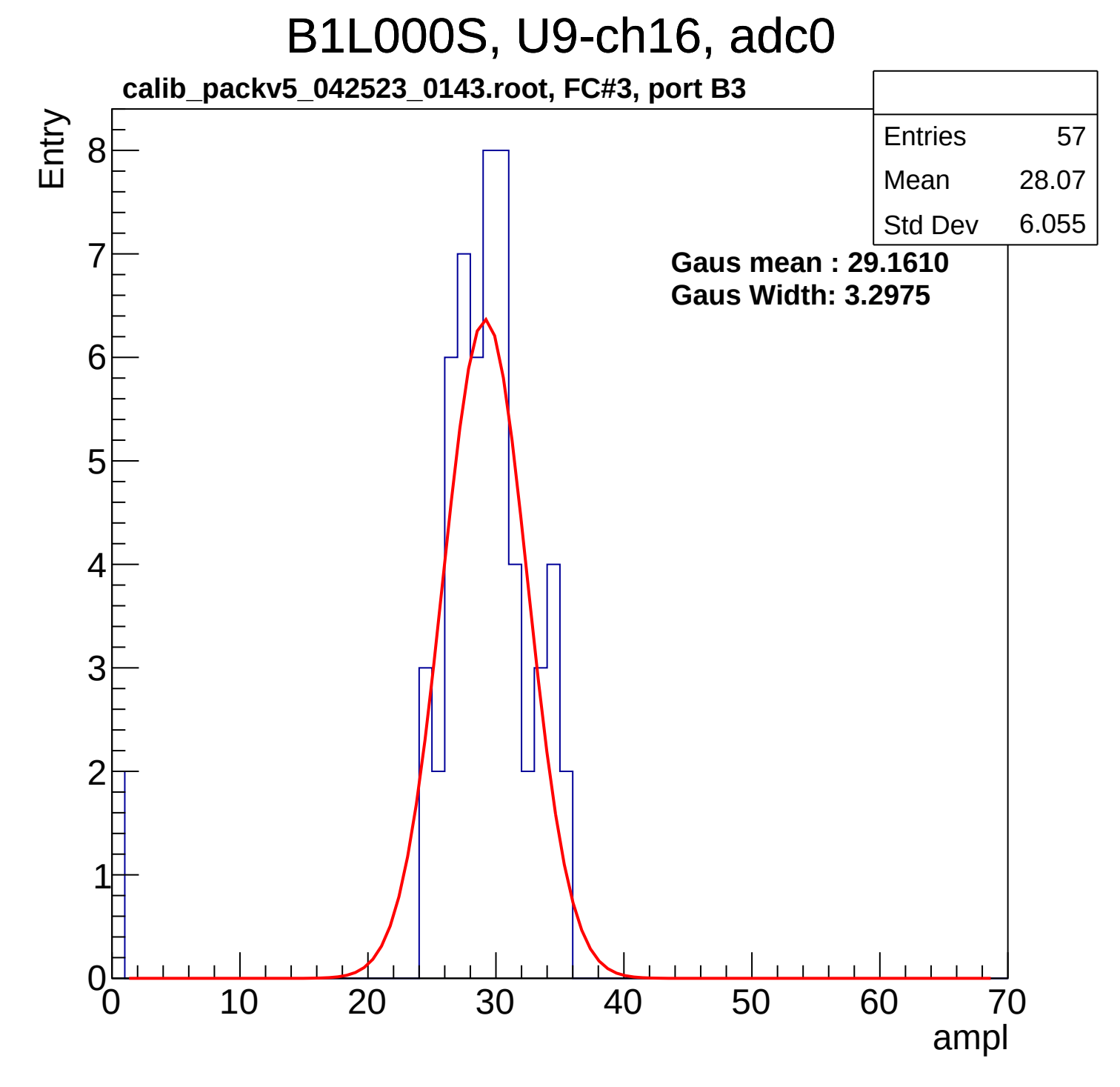
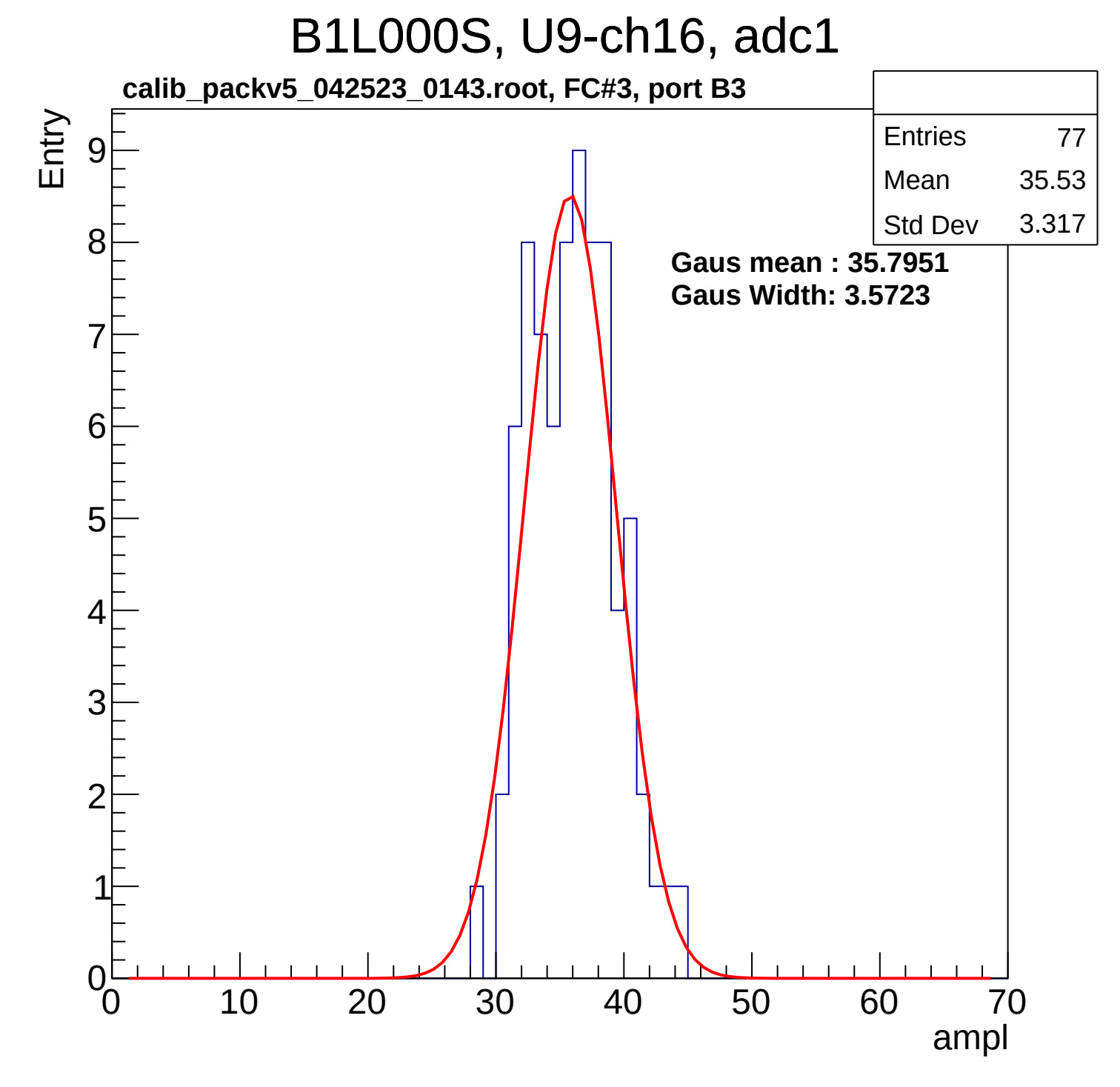
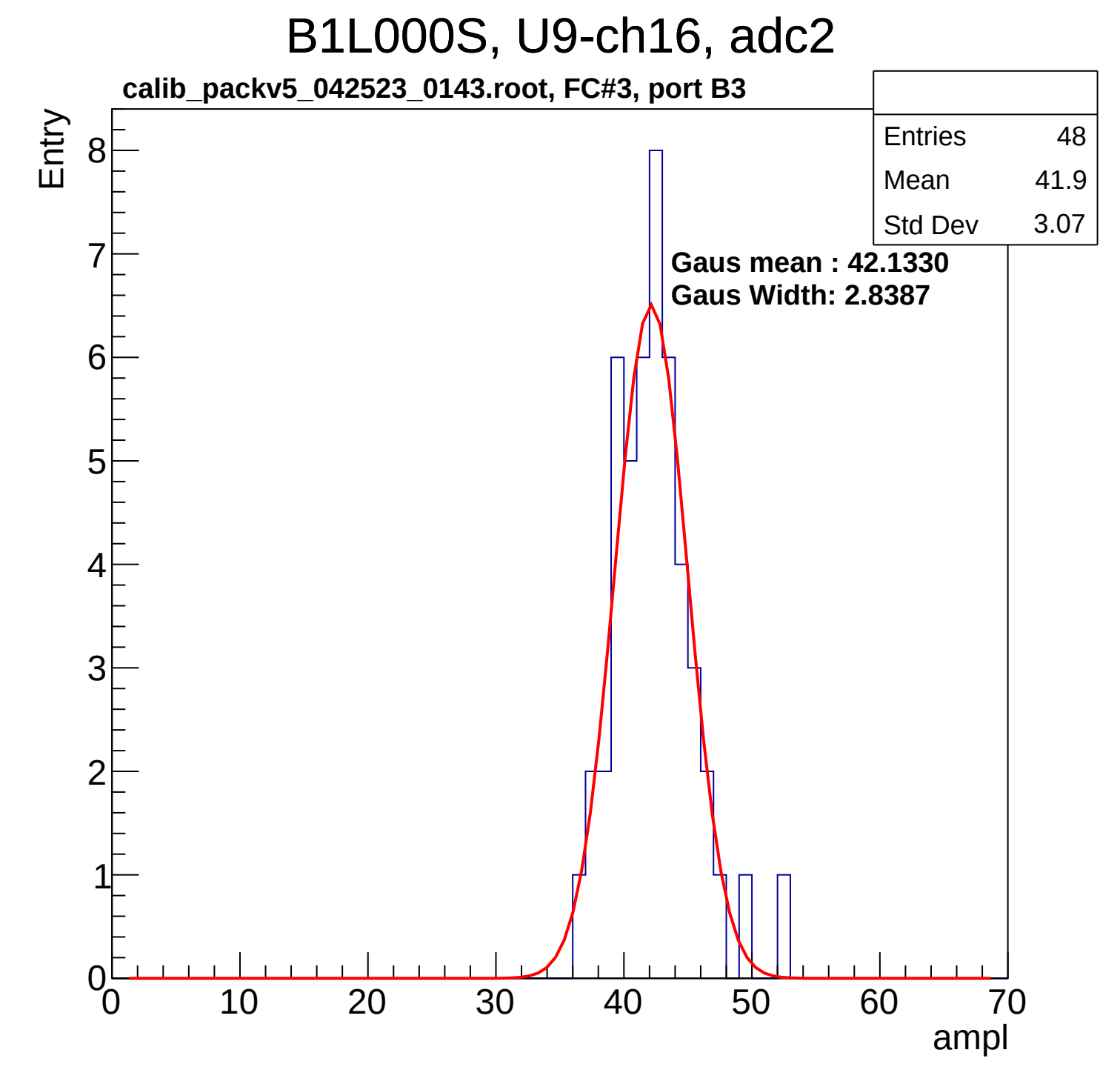
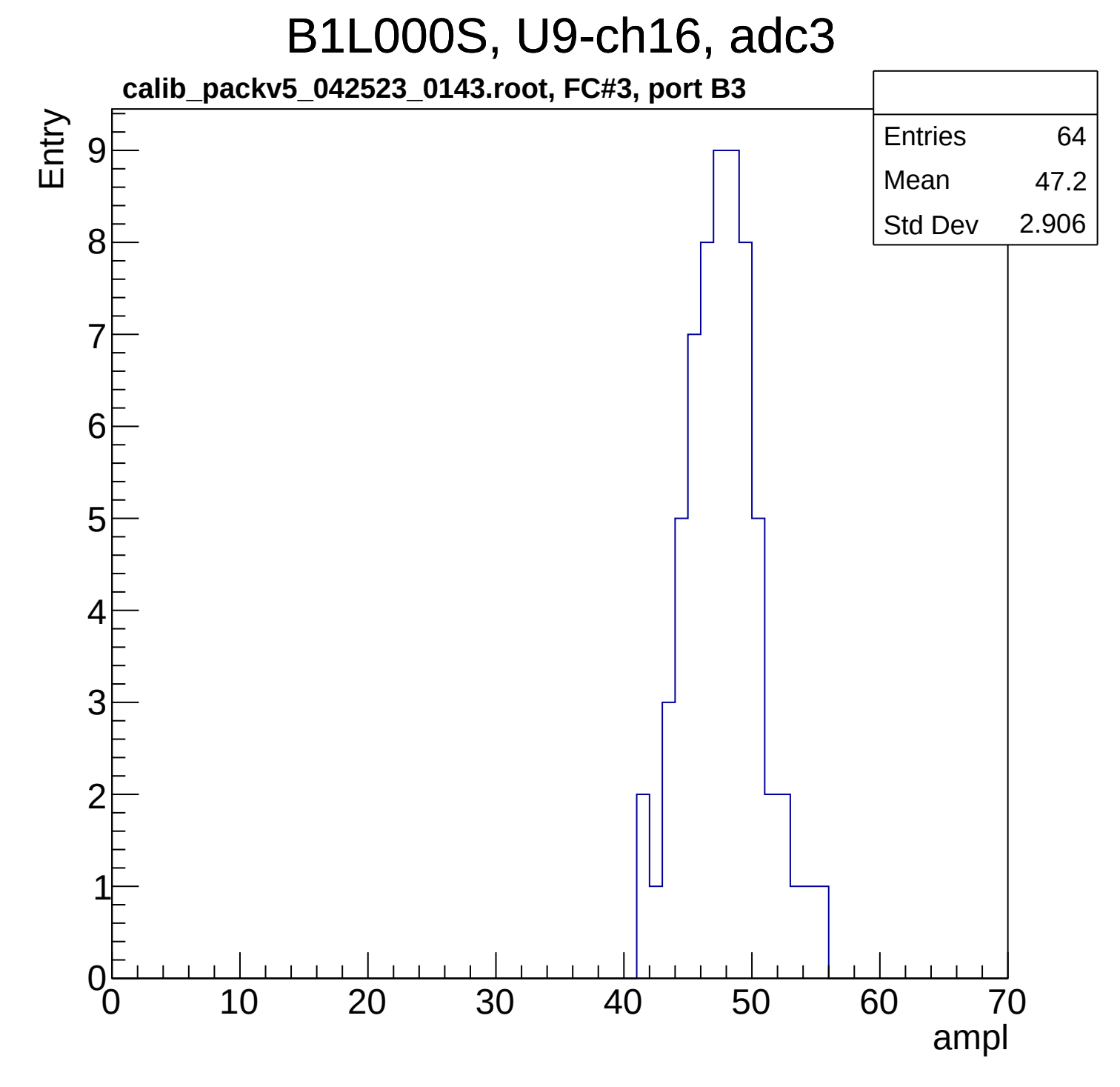
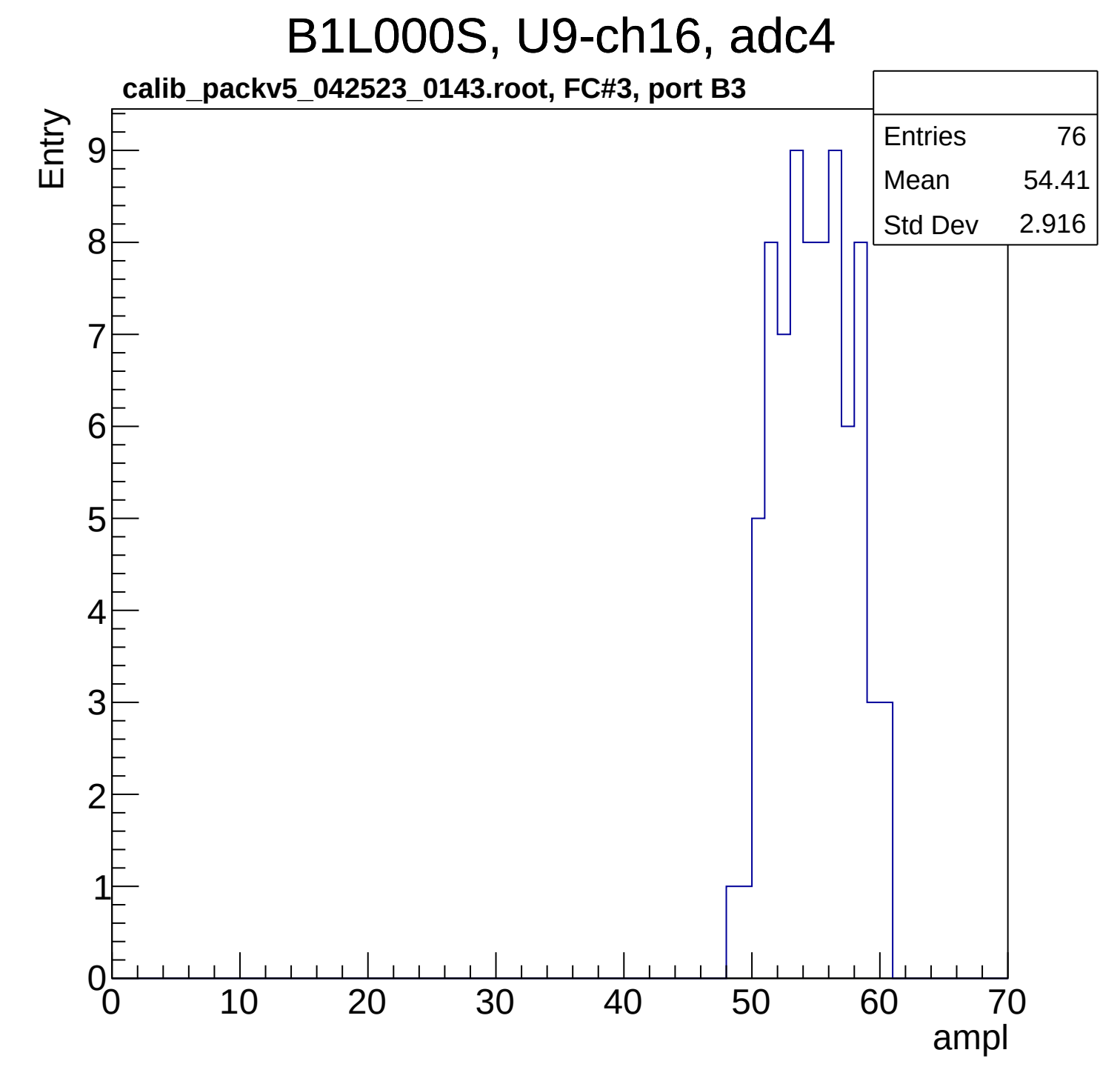
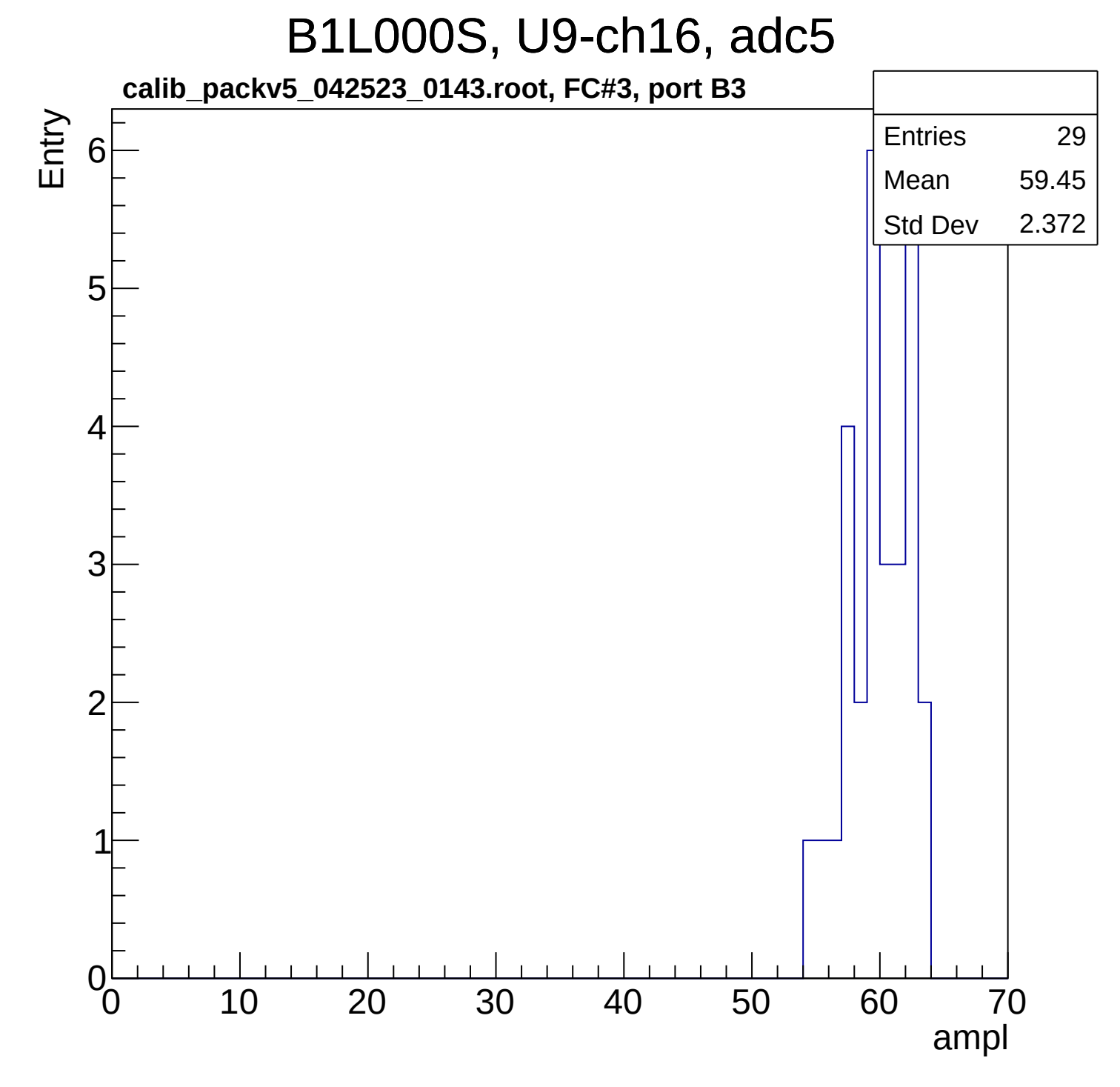

B1L000S, U9-ch16, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 28.07
Std Dev 6.055
Gaus mean : 29.1610
Gaus Width: 3.2975
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

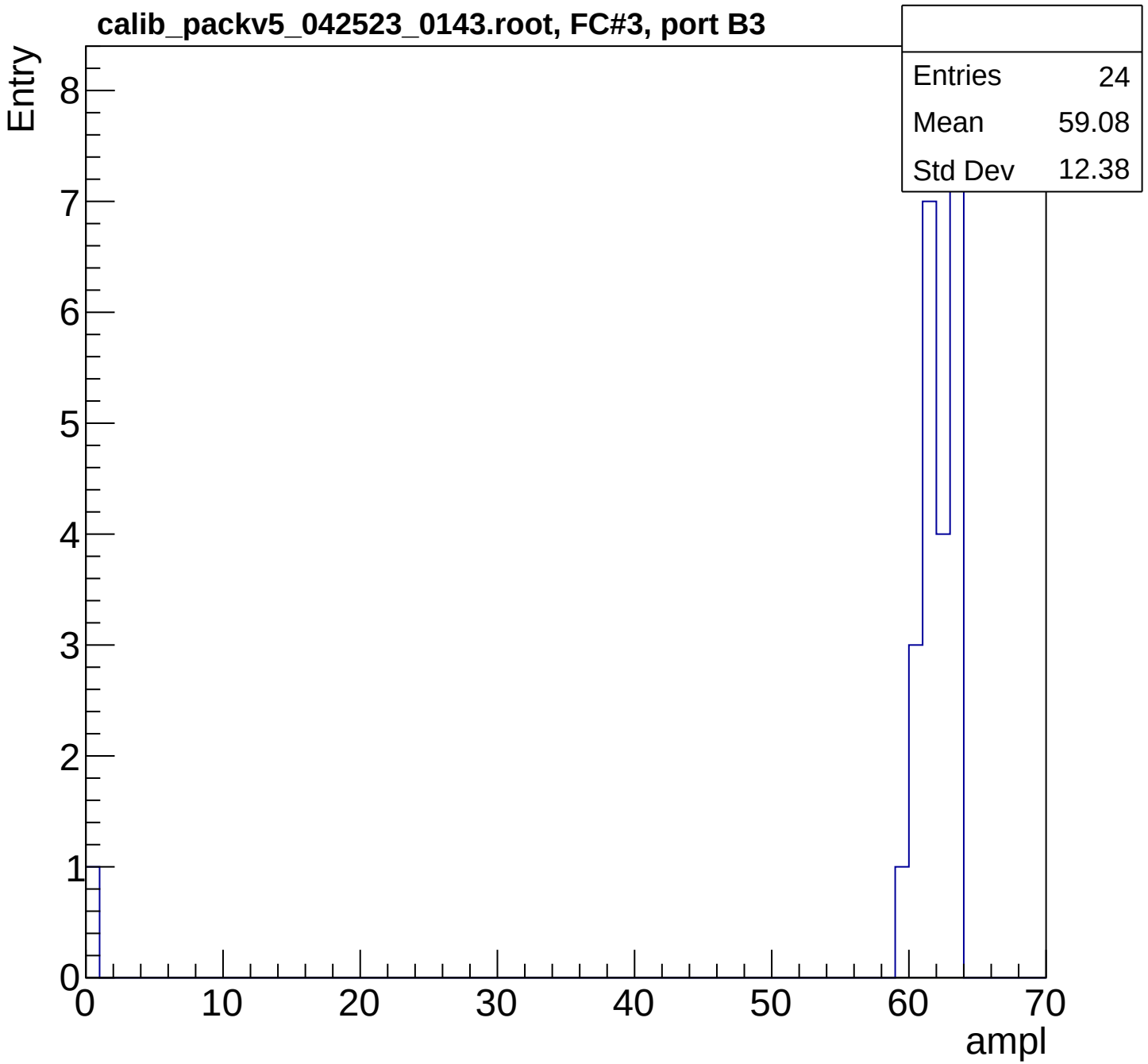

B1L000S, U9-ch16, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 35.53
Std Dev 3.317
Gaus mean : 35.7951
Gaus Width: 3.5723
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

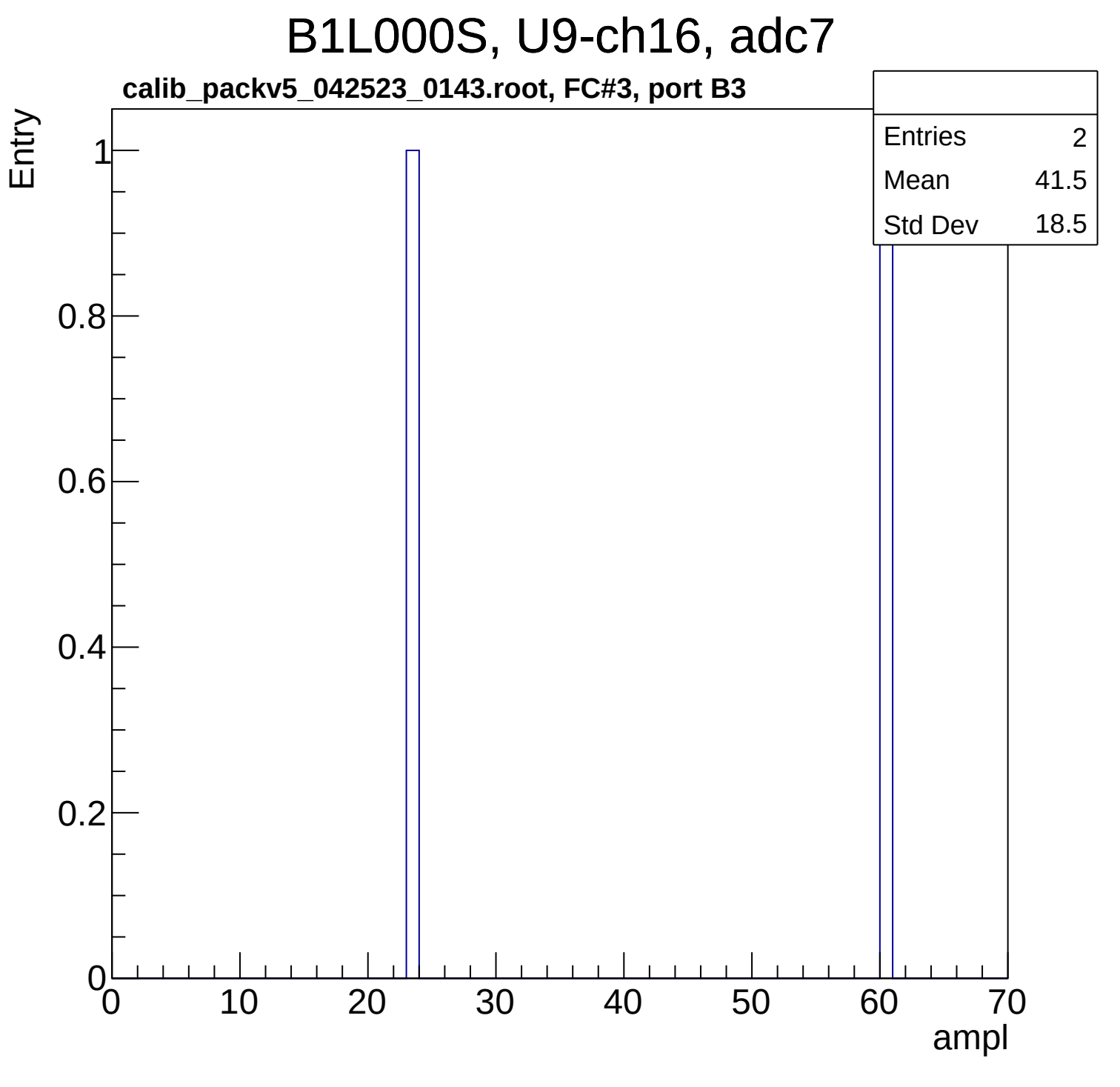

B1L000S, U9-ch16, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 41.9
Std Dev 3.07
Gaus mean : 42.1330
Gaus Width: 2.8387
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

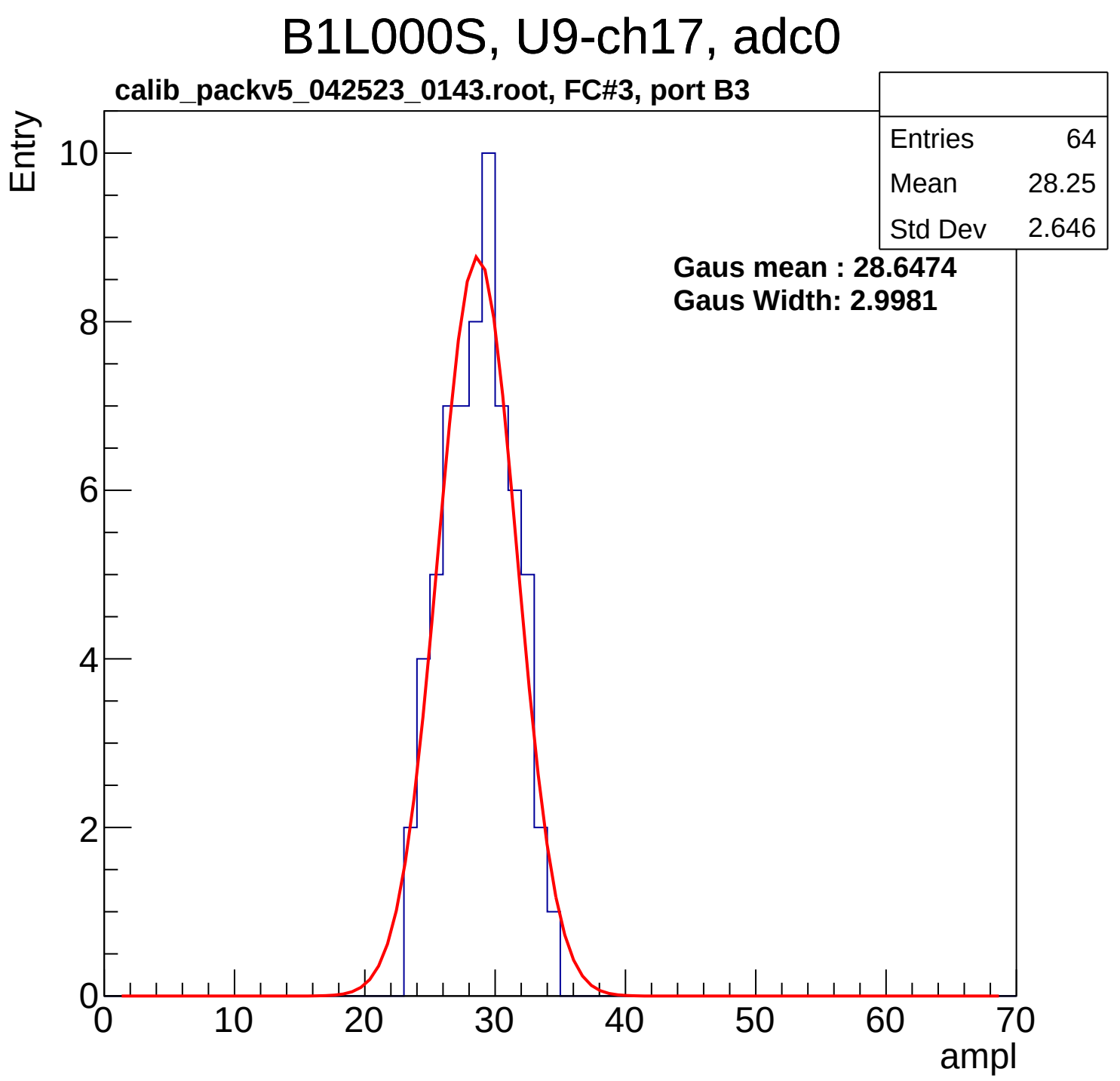

B1L000S, U9-ch16, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.2
Std Dev 2.906
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

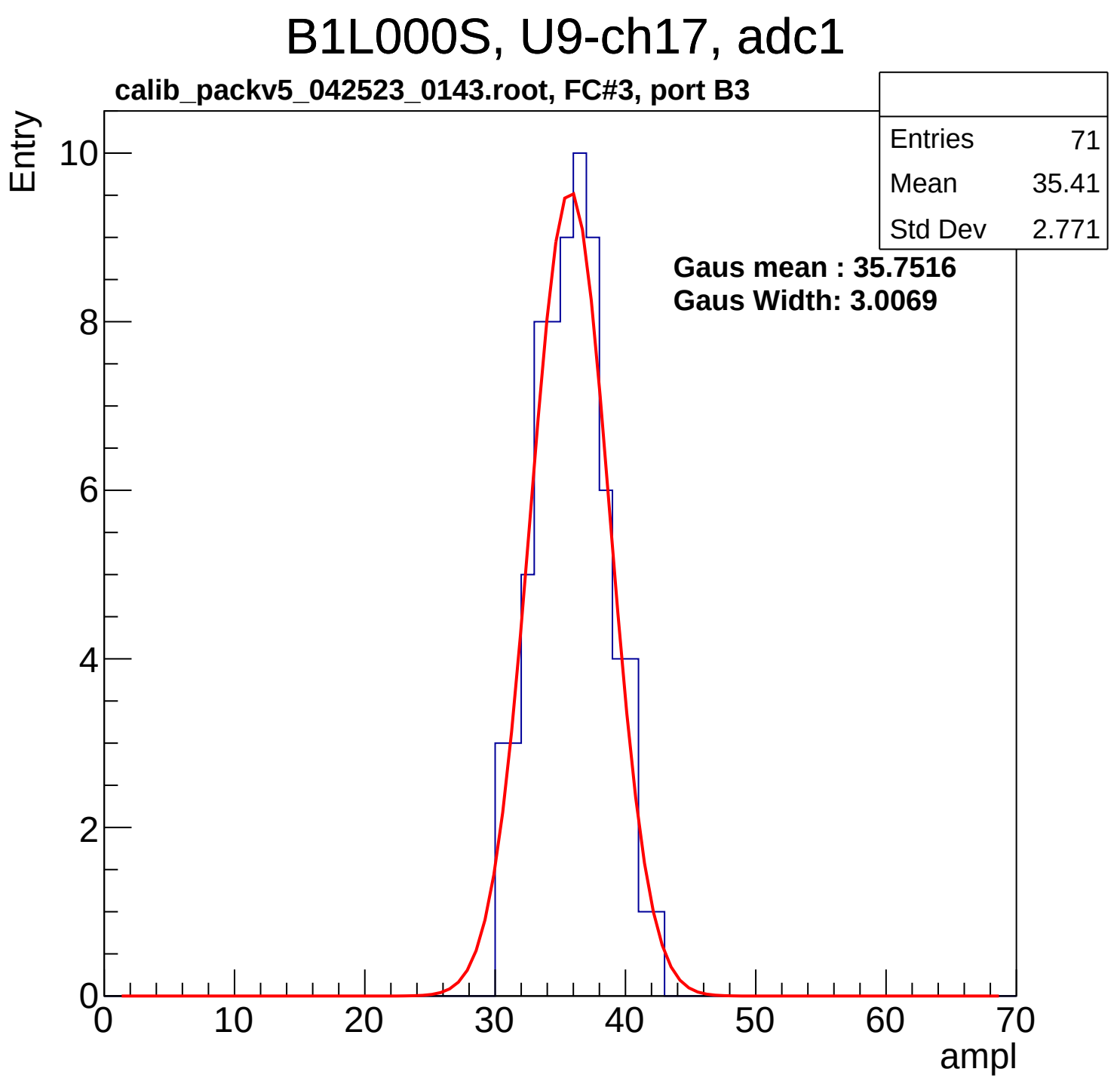

B1L000S, U9-ch16, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 54.41
Std Dev 2.916
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

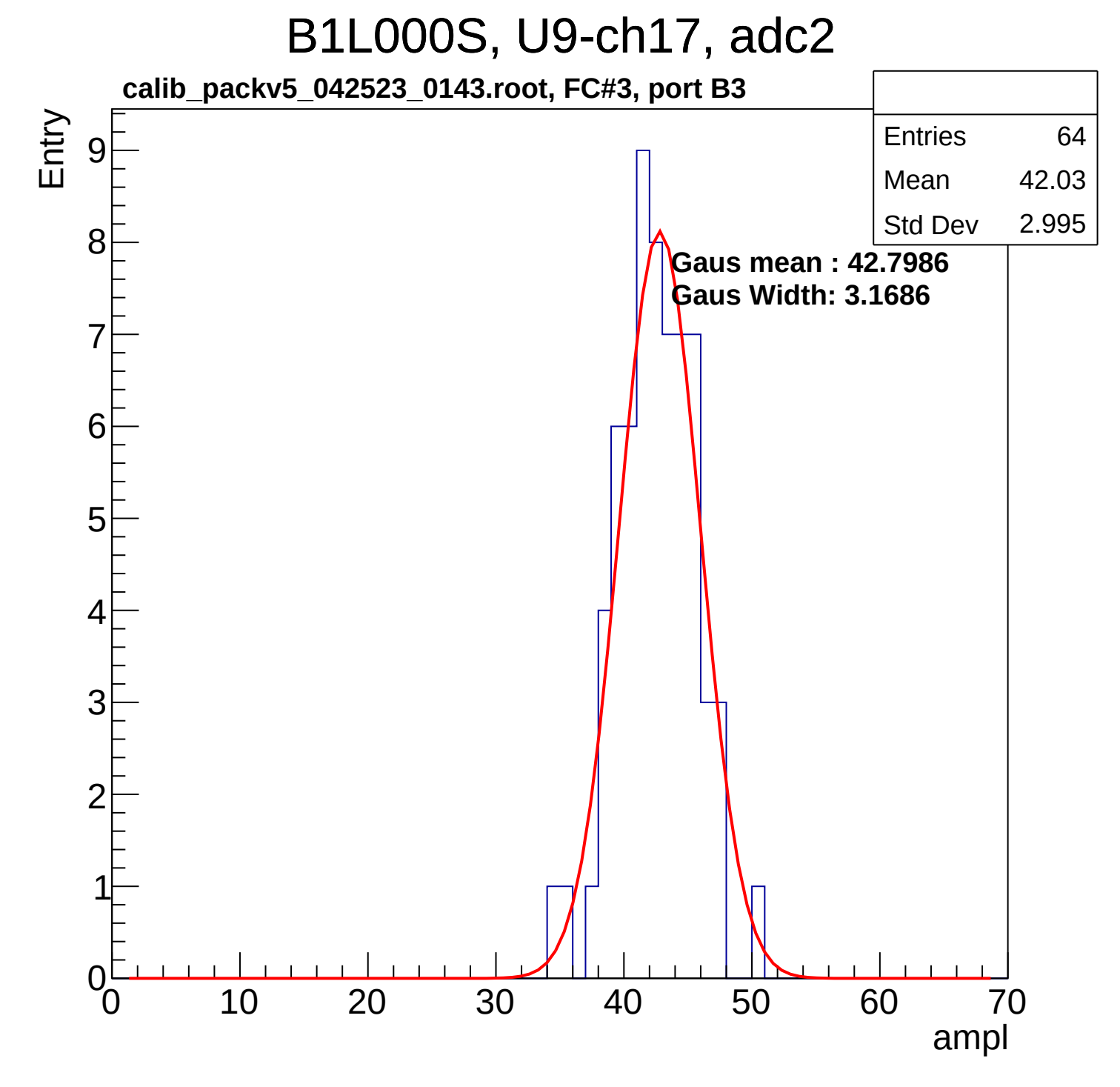

B1L000S, U9-ch16, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 29
Mean 59.45
Std Dev 2.372
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

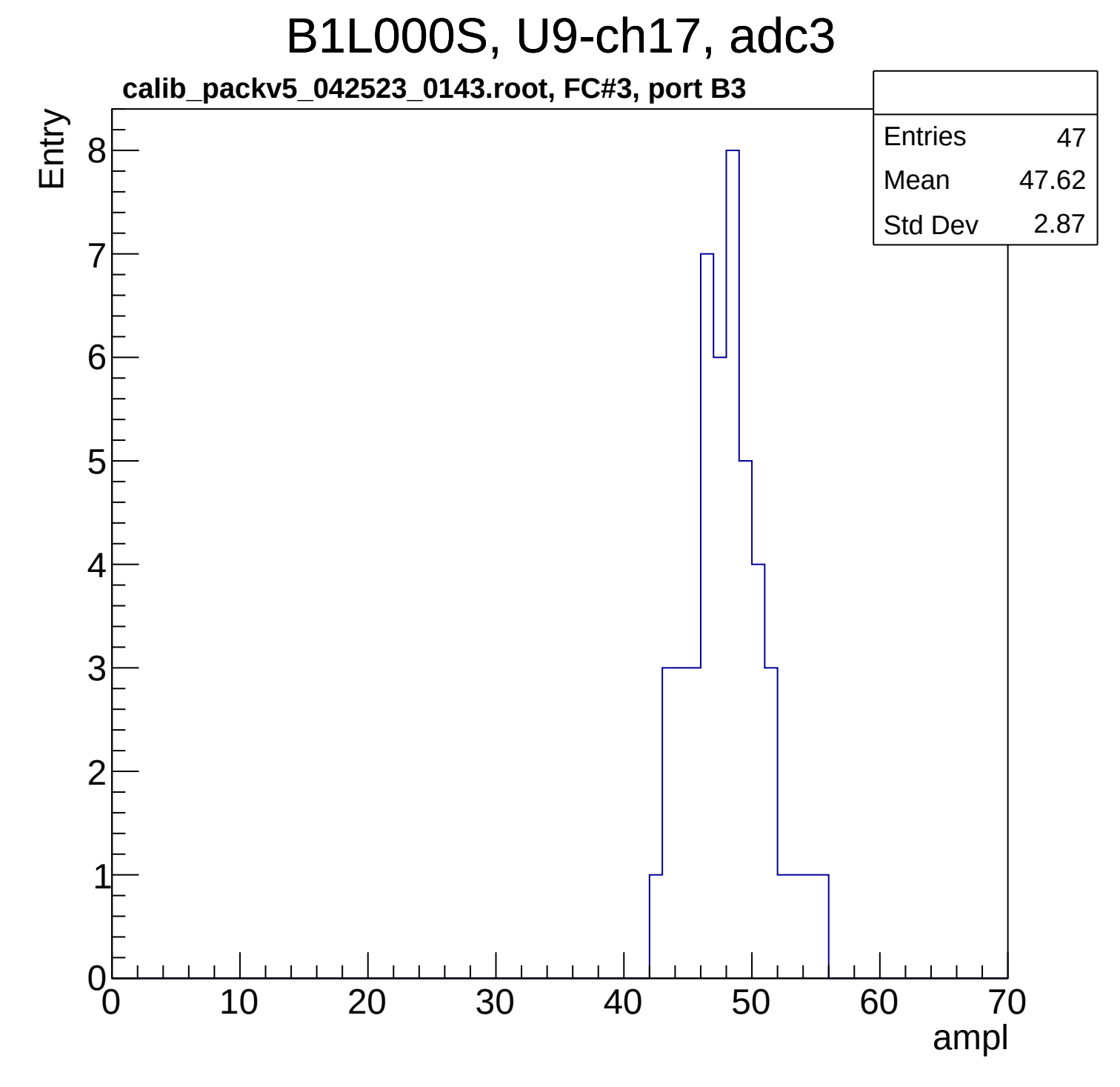

B1L000S, U9-ch16, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 59.08
Std Dev 12.38
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

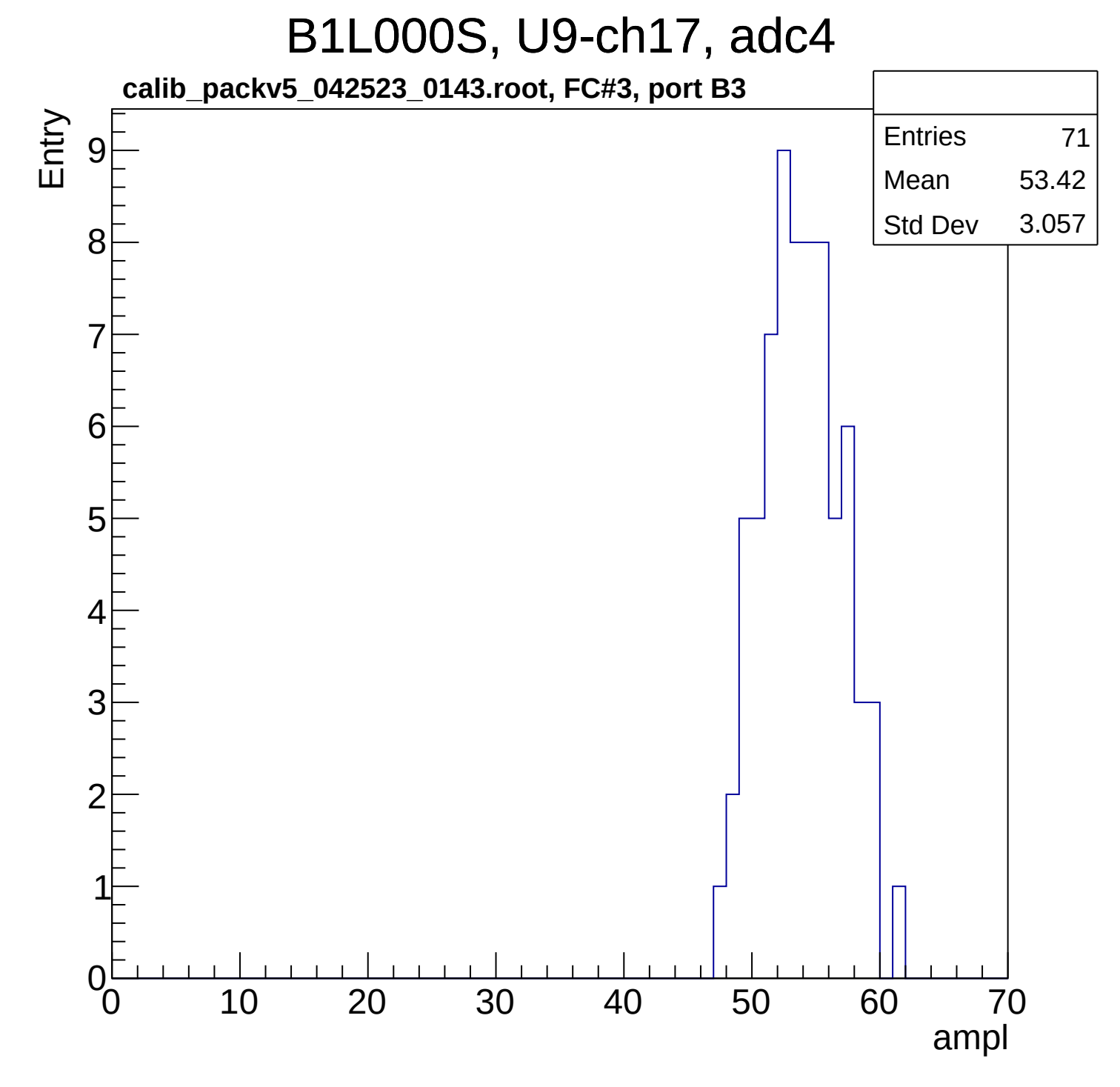

B1L000S, U9-ch16, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 18.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

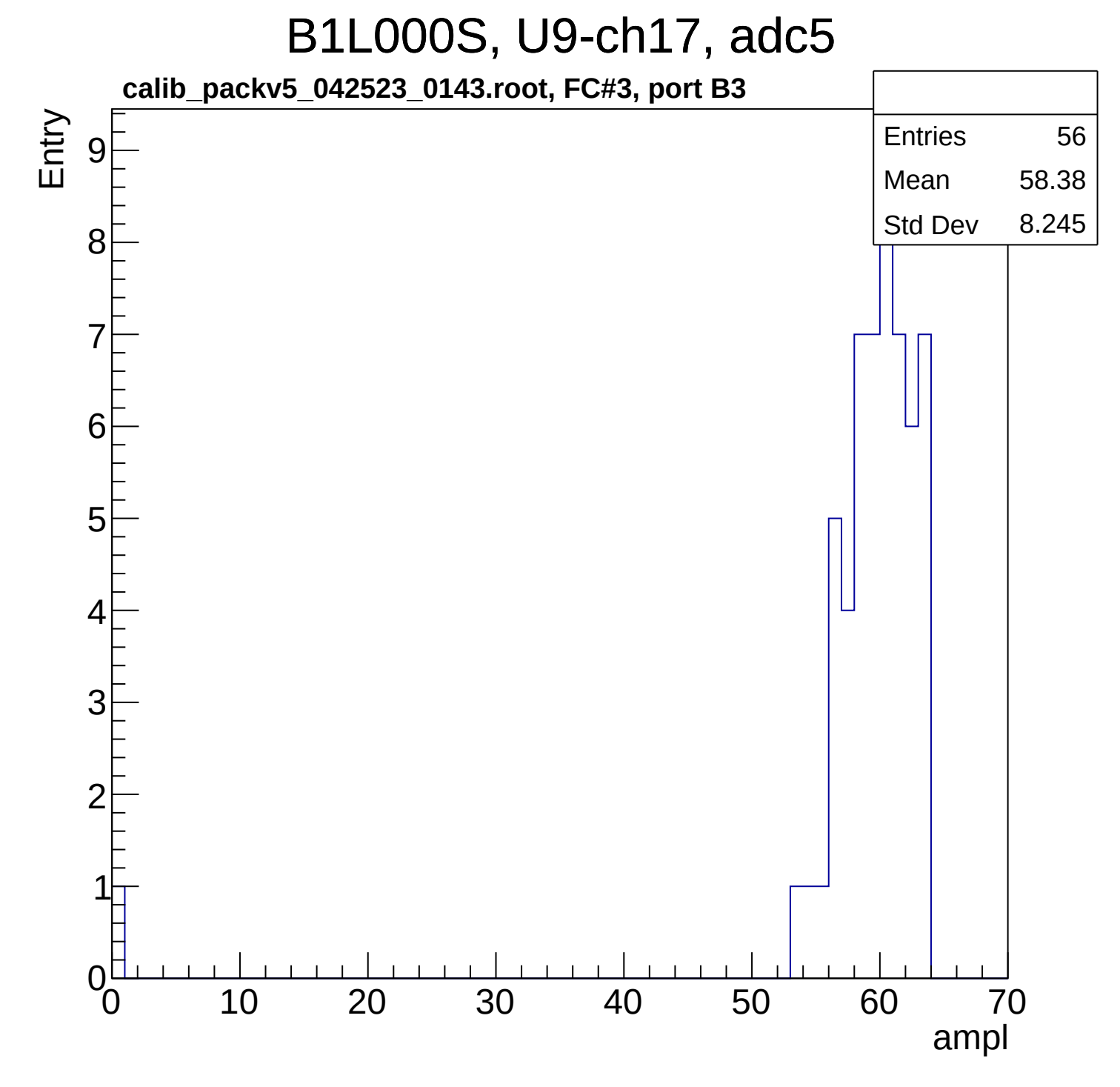

B1L000S, U9-ch17, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.25
Std Dev 2.646
Gaus mean : 28.6474
Gaus Width: 2.9981
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

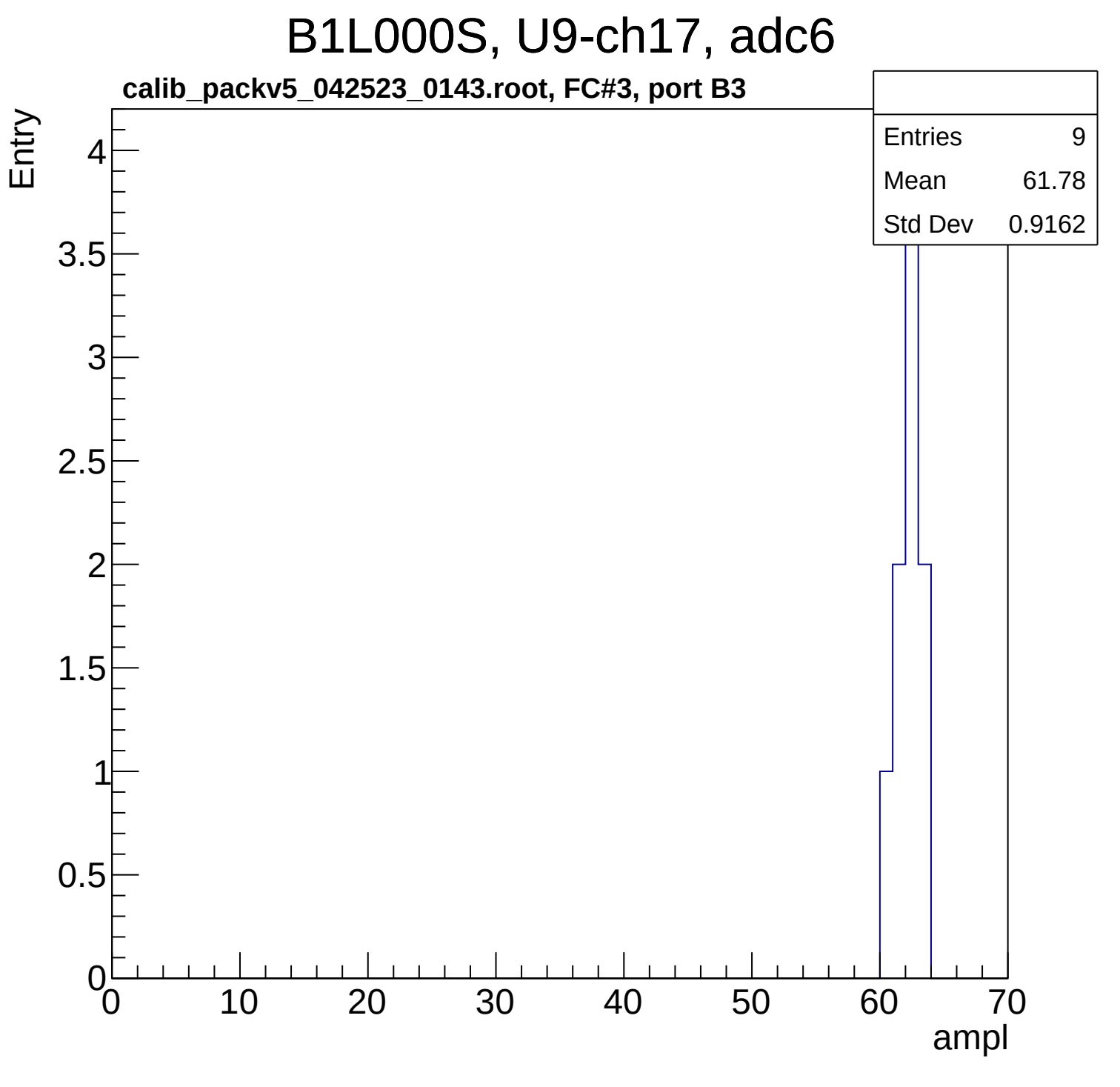

B1L000S, U9-ch17, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.41
Std Dev 2.771
Gaus mean : 35.7516
Gaus Width: 3.0069
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

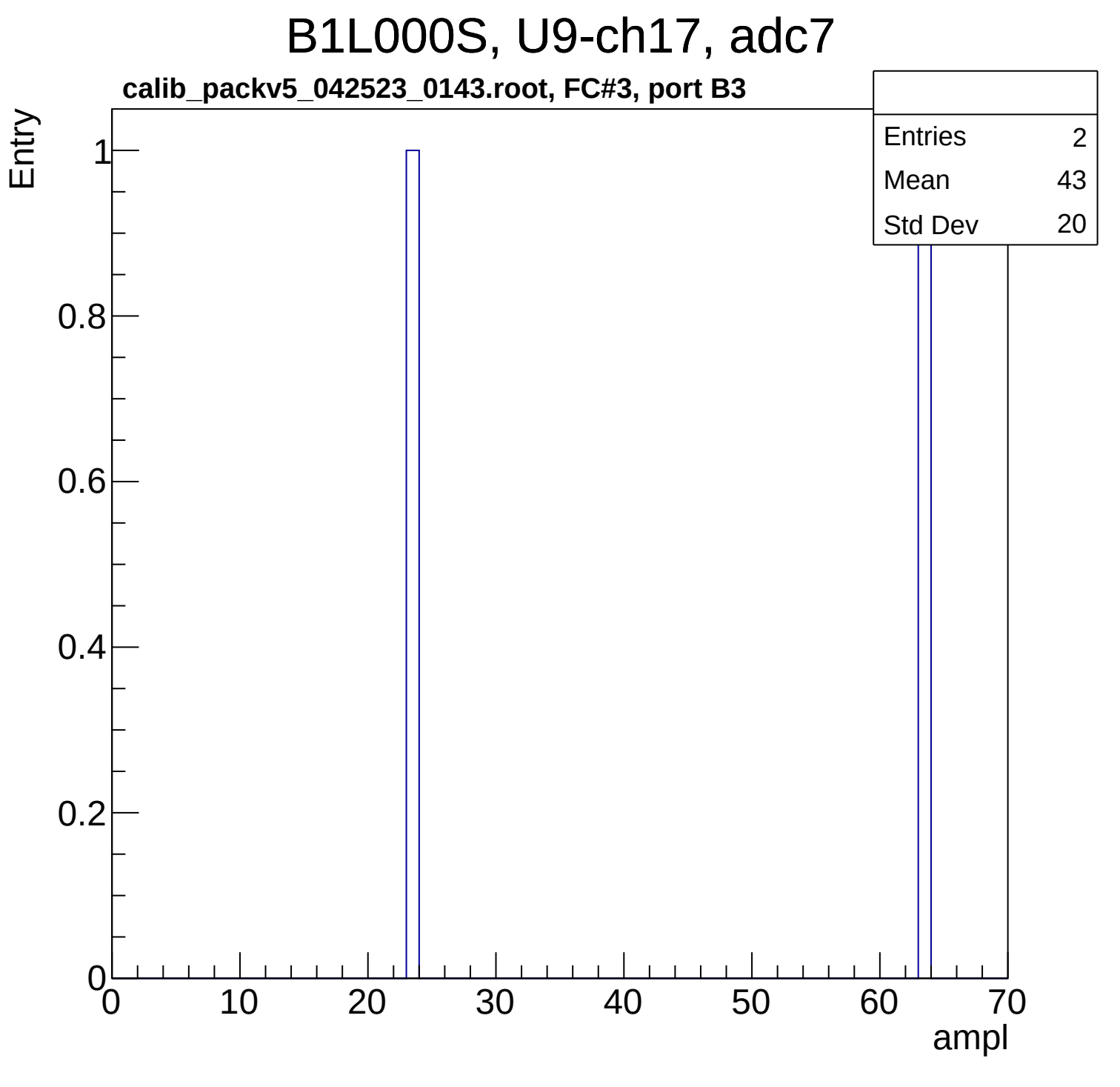

B1L000S, U9-ch17, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 42.03
Std Dev 2.995
Gaus mean : 42.7986
Gaus Width: 3.1686
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch17, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 47.62
Std Dev 2.87
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch17, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 53.42
Std Dev 3.057
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch17, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.38
Std Dev 8.245
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch17, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 61.78
Std Dev 0.9162
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U9-ch17, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 43
Std Dev 20
Entry
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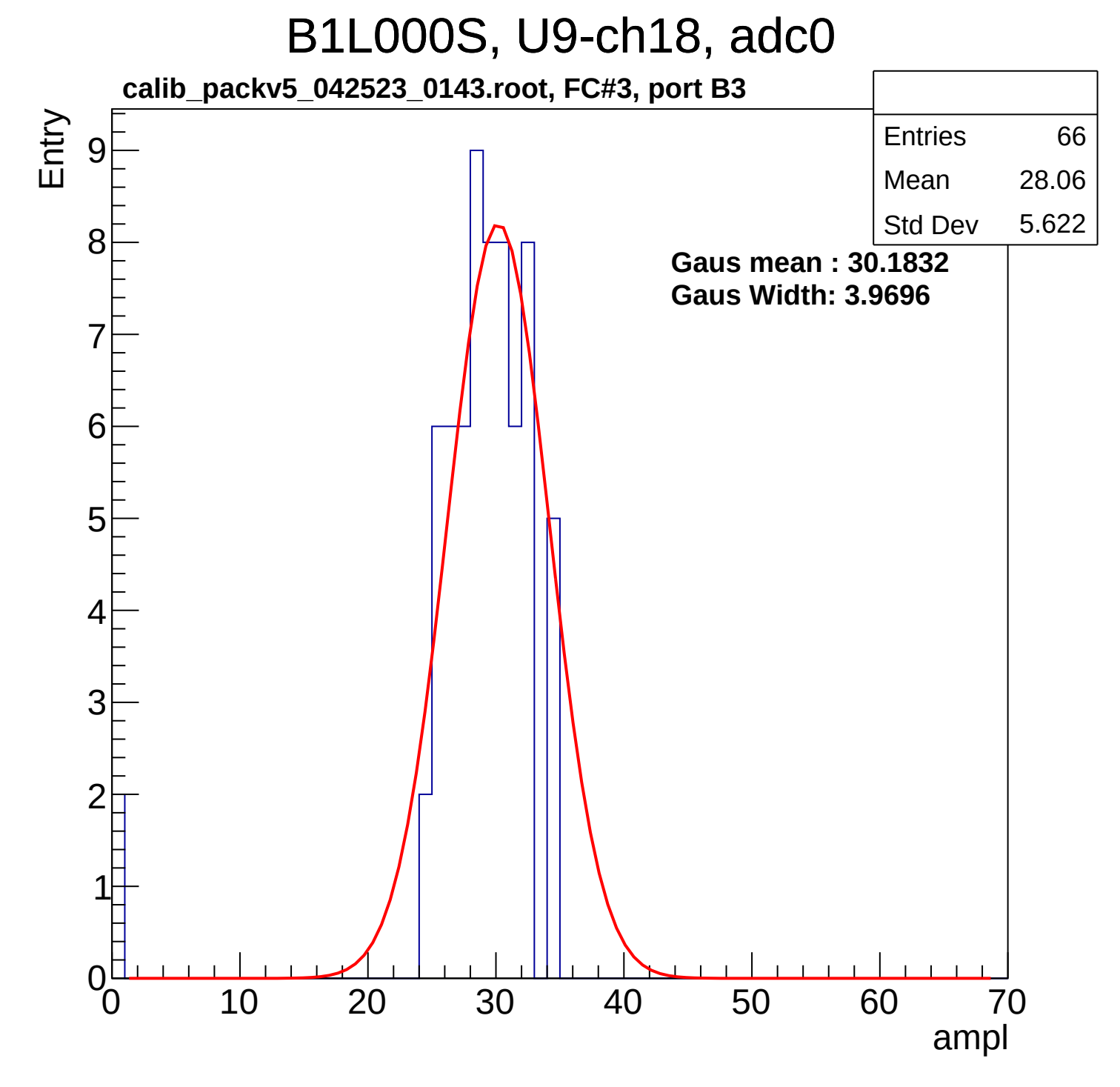
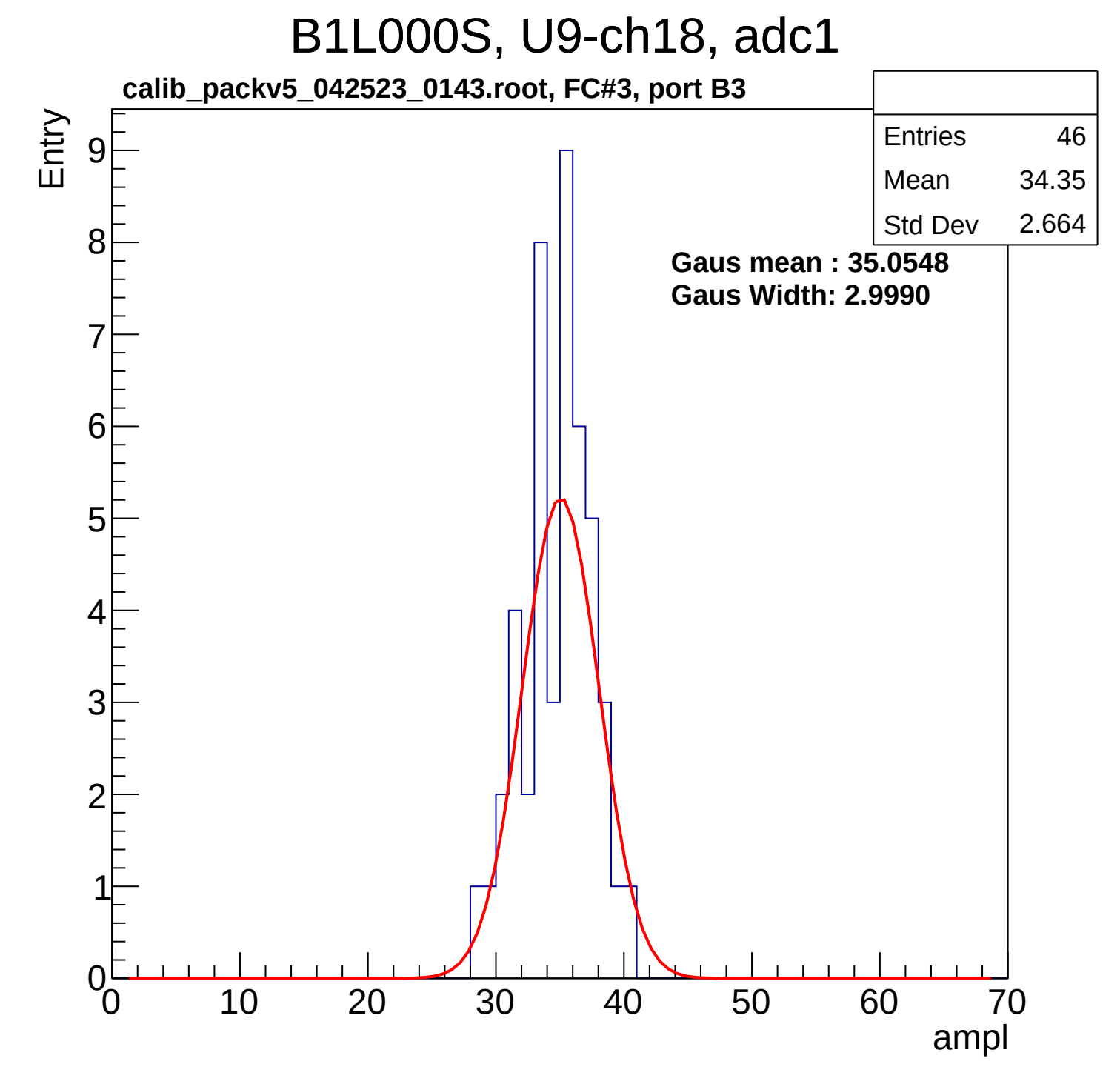
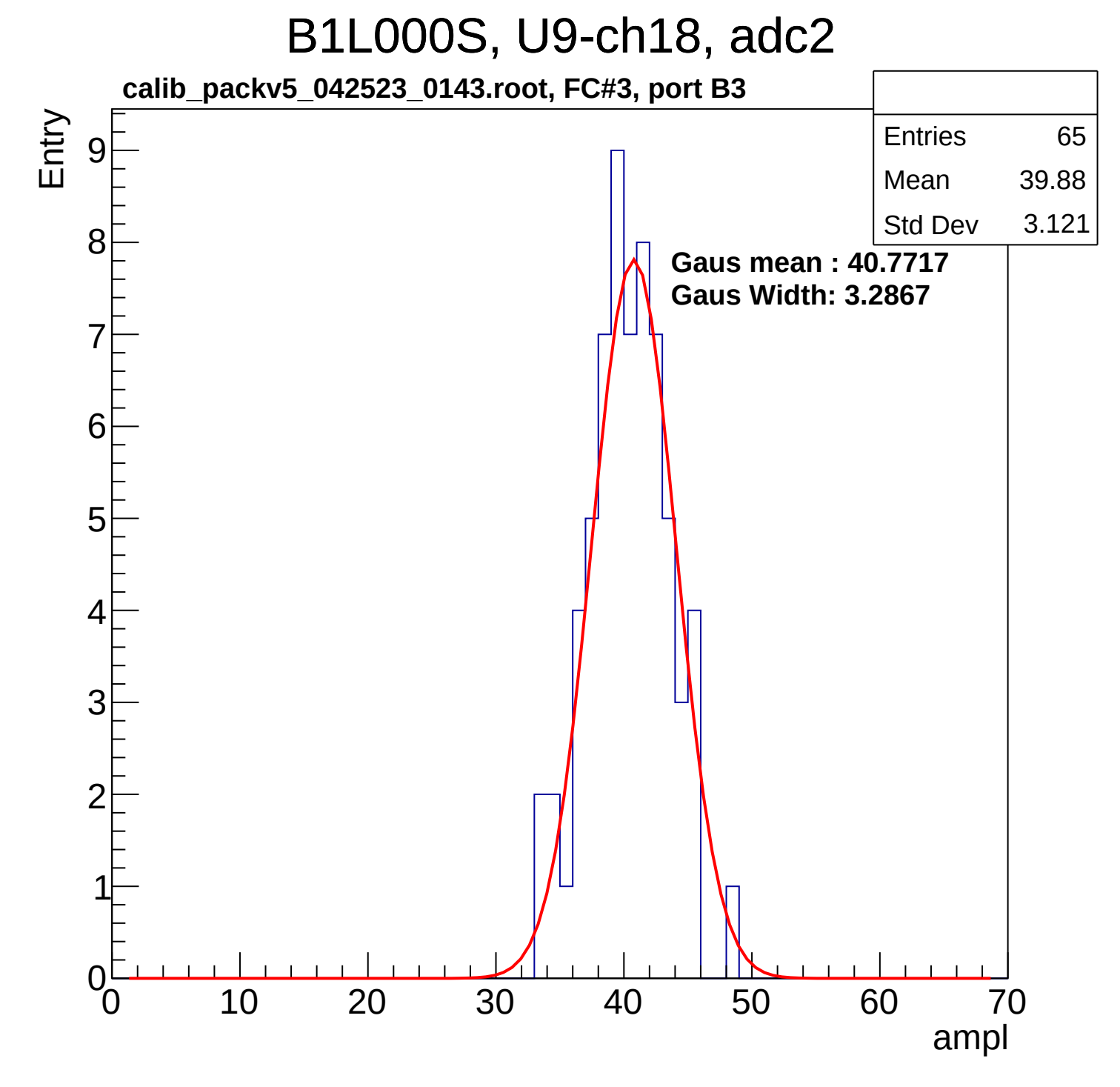
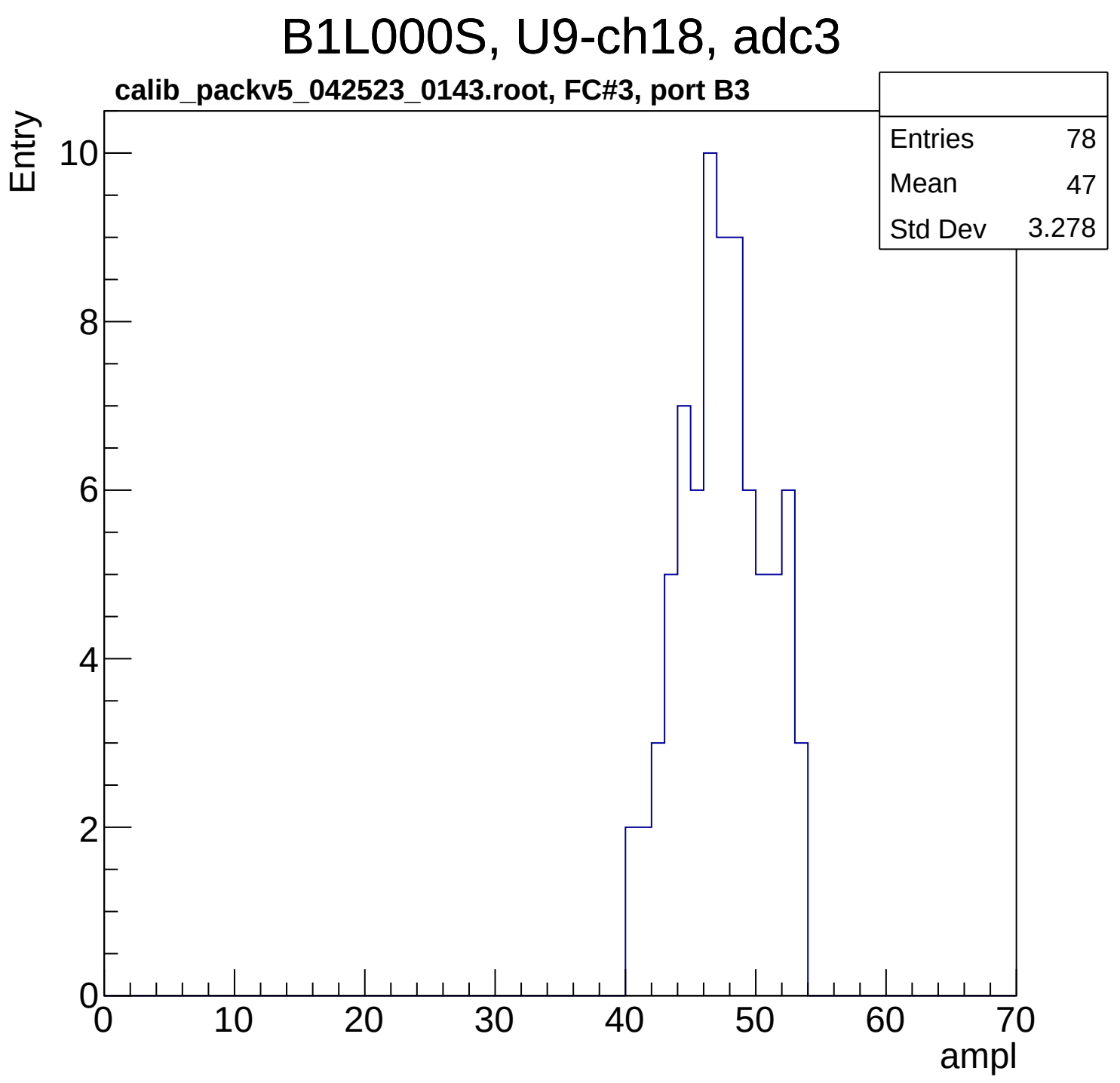
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch18, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 28.06
Std Dev 5.622
Gaus mean : 30.1832
Gaus Width: 3.9696
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch18, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 34.35
Std Dev 2.664
Gaus mean : 35.0548
Gaus Width: 2.9990
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch18, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 39.88
Std Dev 3.121
Gaus mean : 40.7717
Gaus Width: 3.2867
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch18, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 47
Std Dev 3.278
Entry
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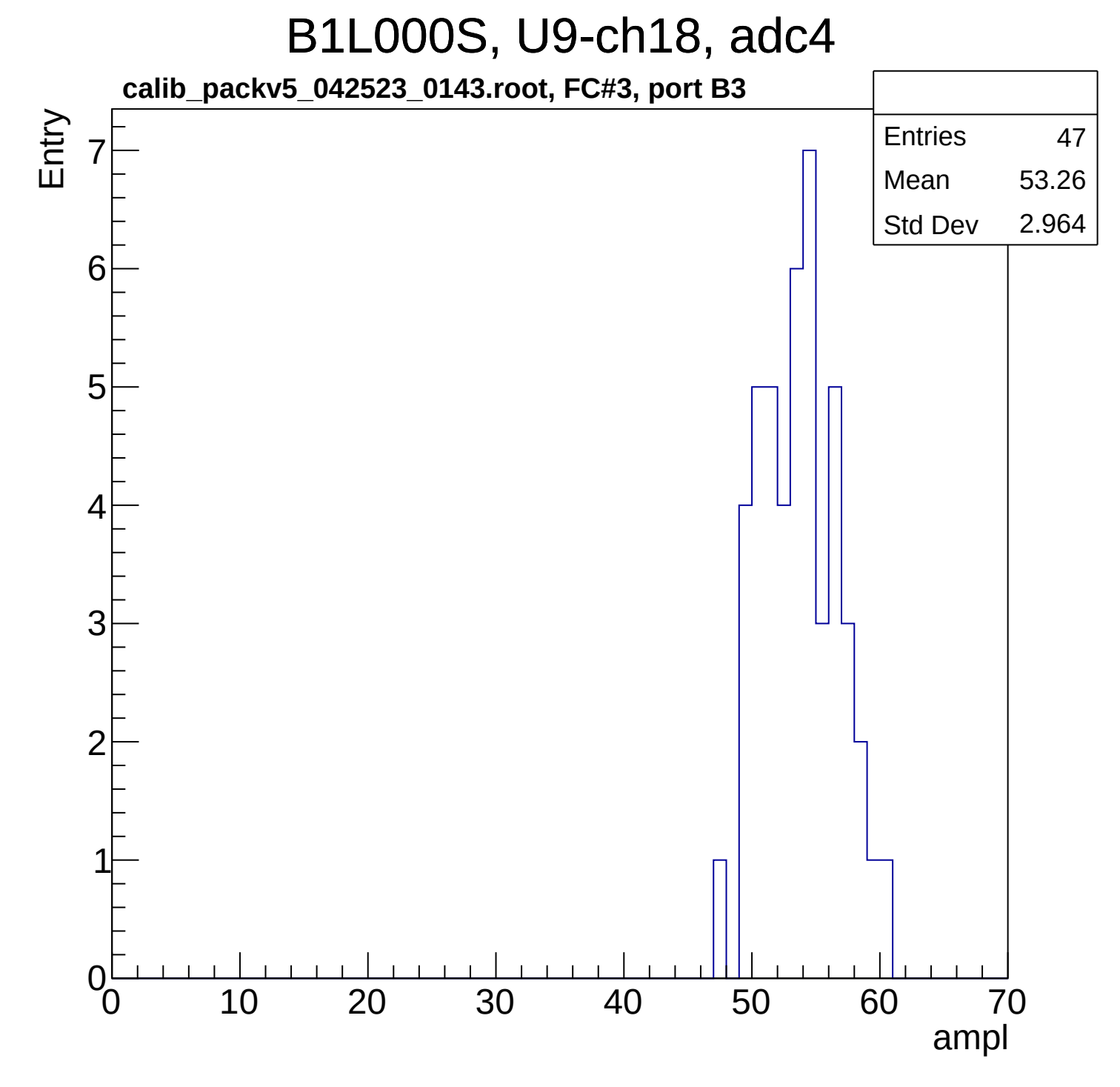
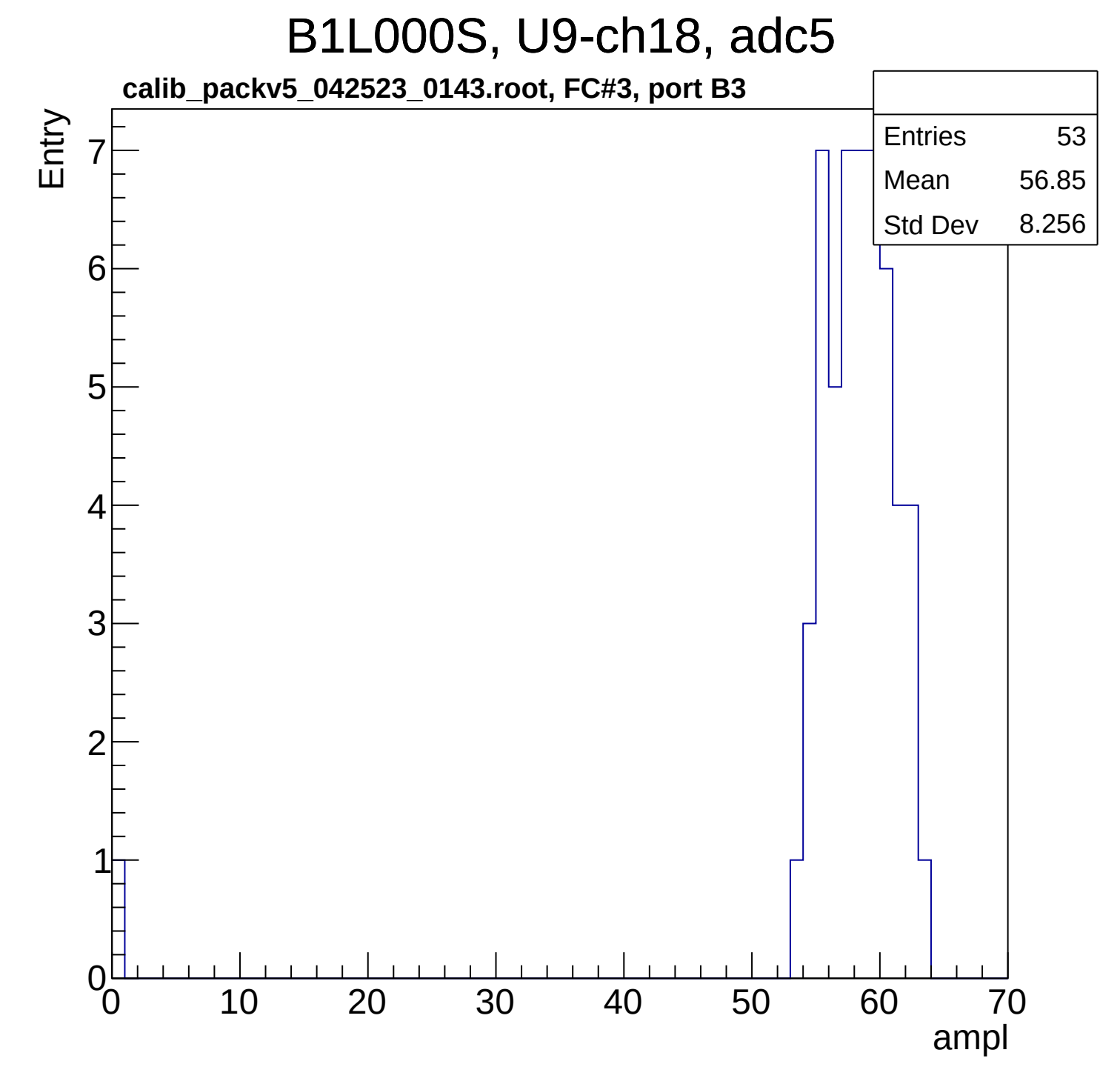
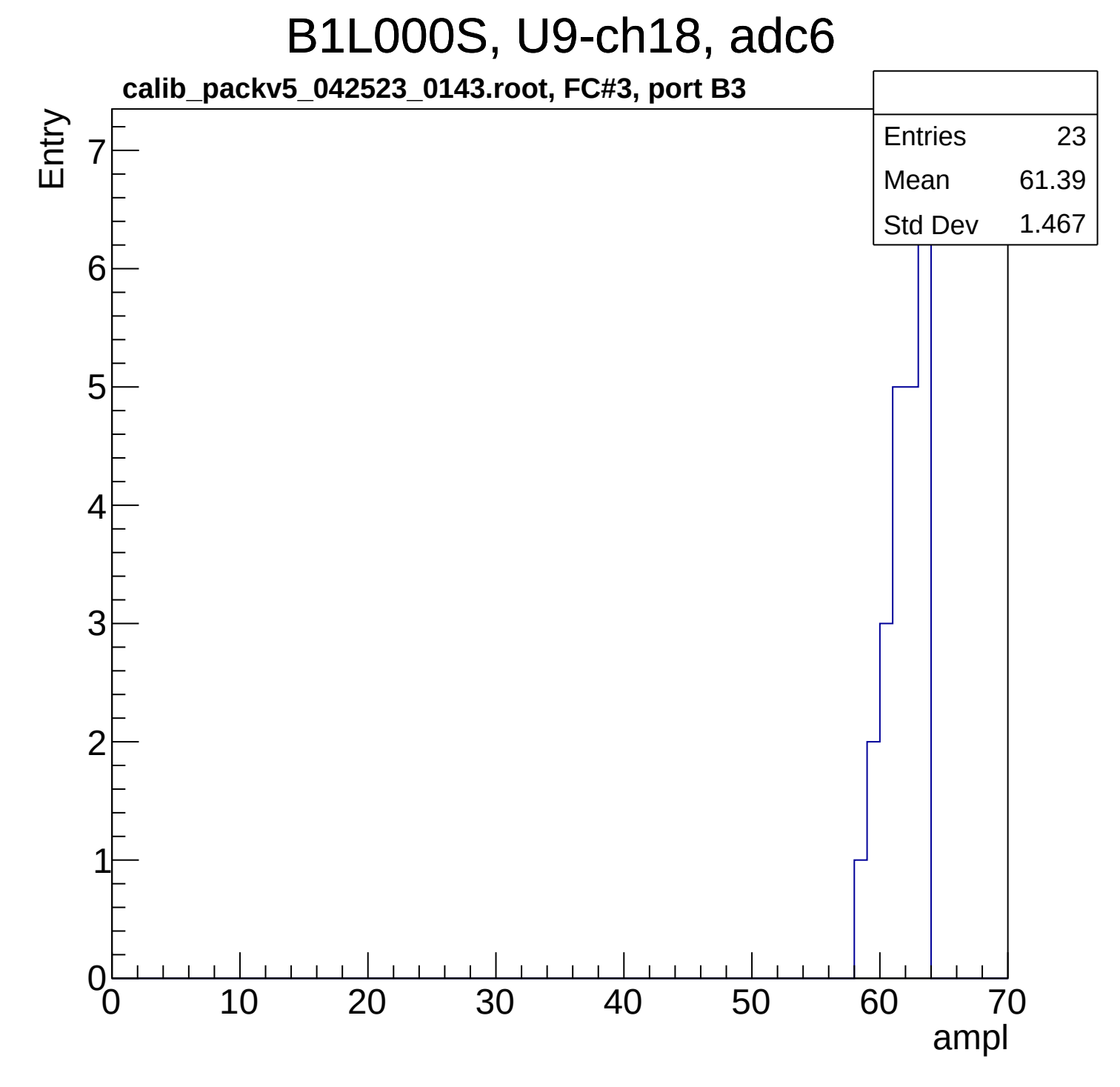
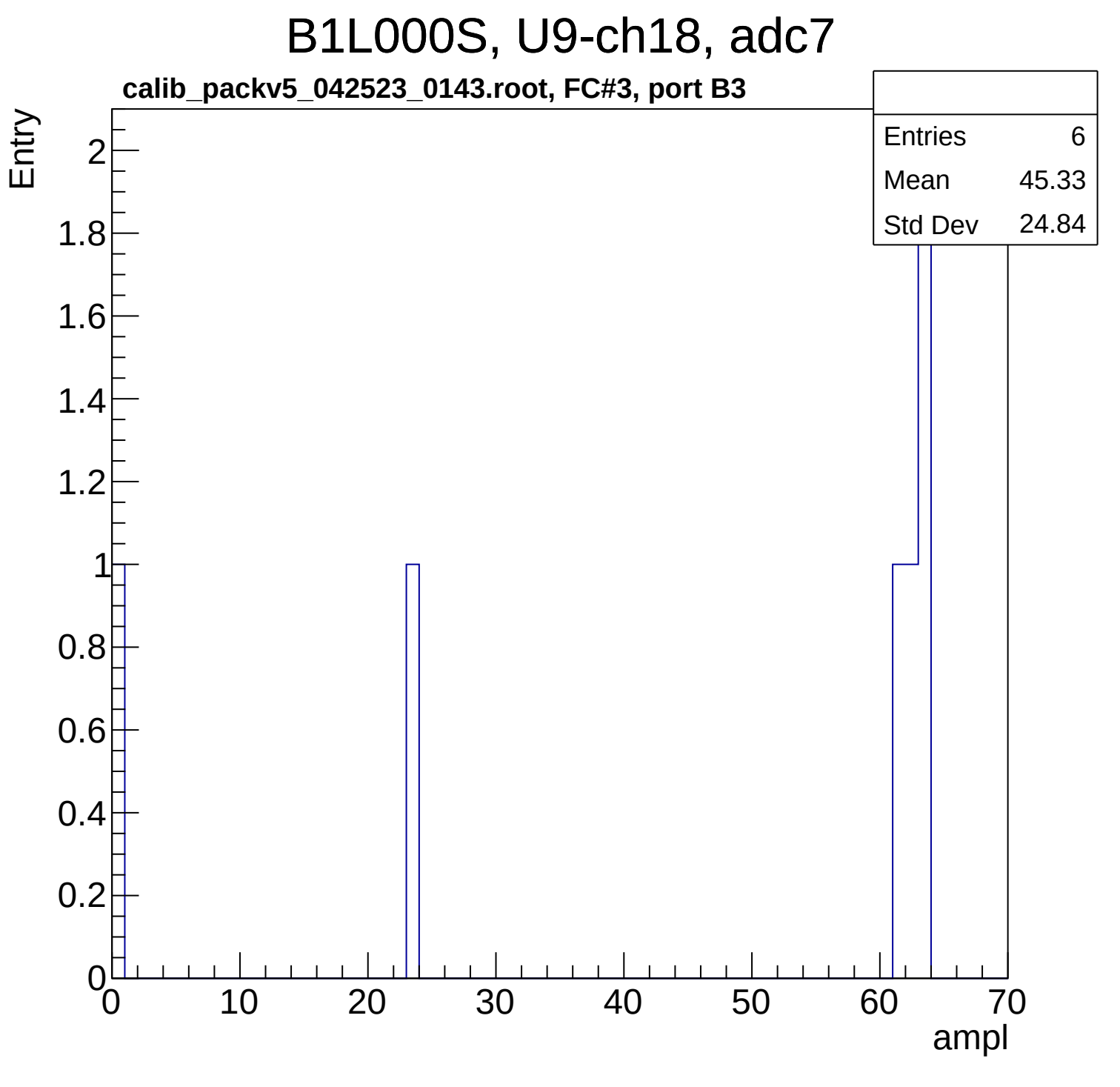
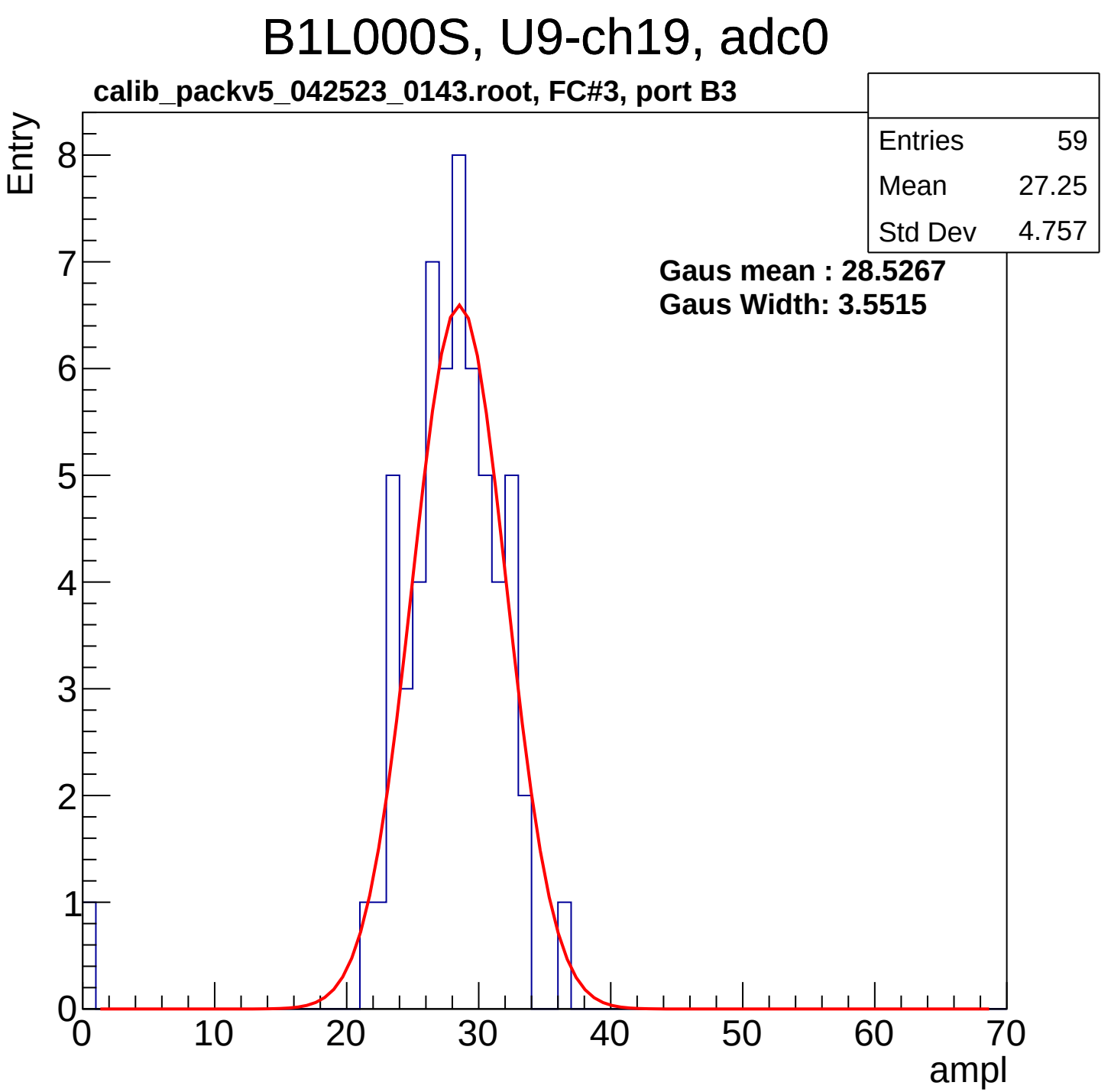
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

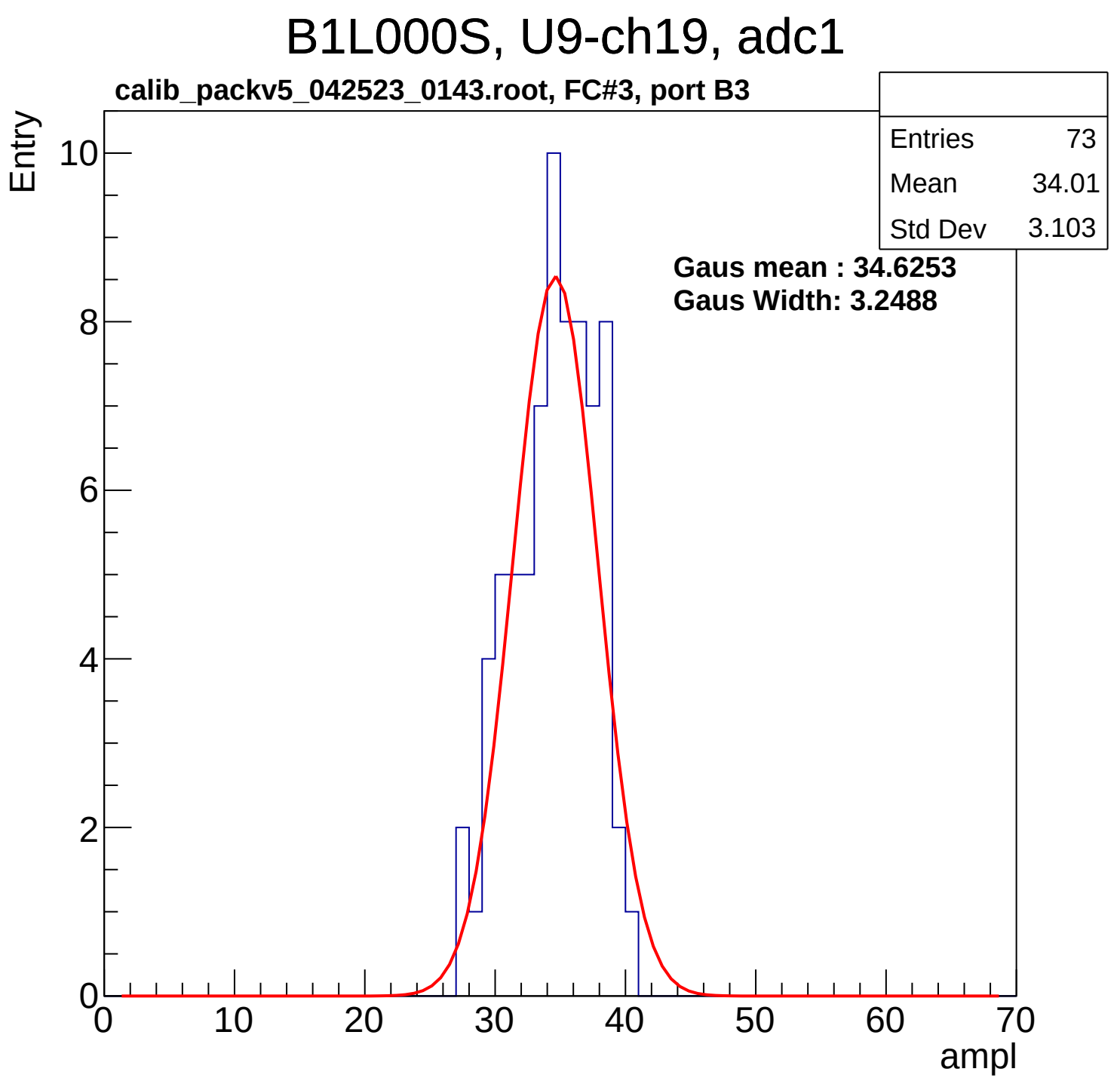

B1L000S, U9-ch18, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 53.26
Std Dev 2.964
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

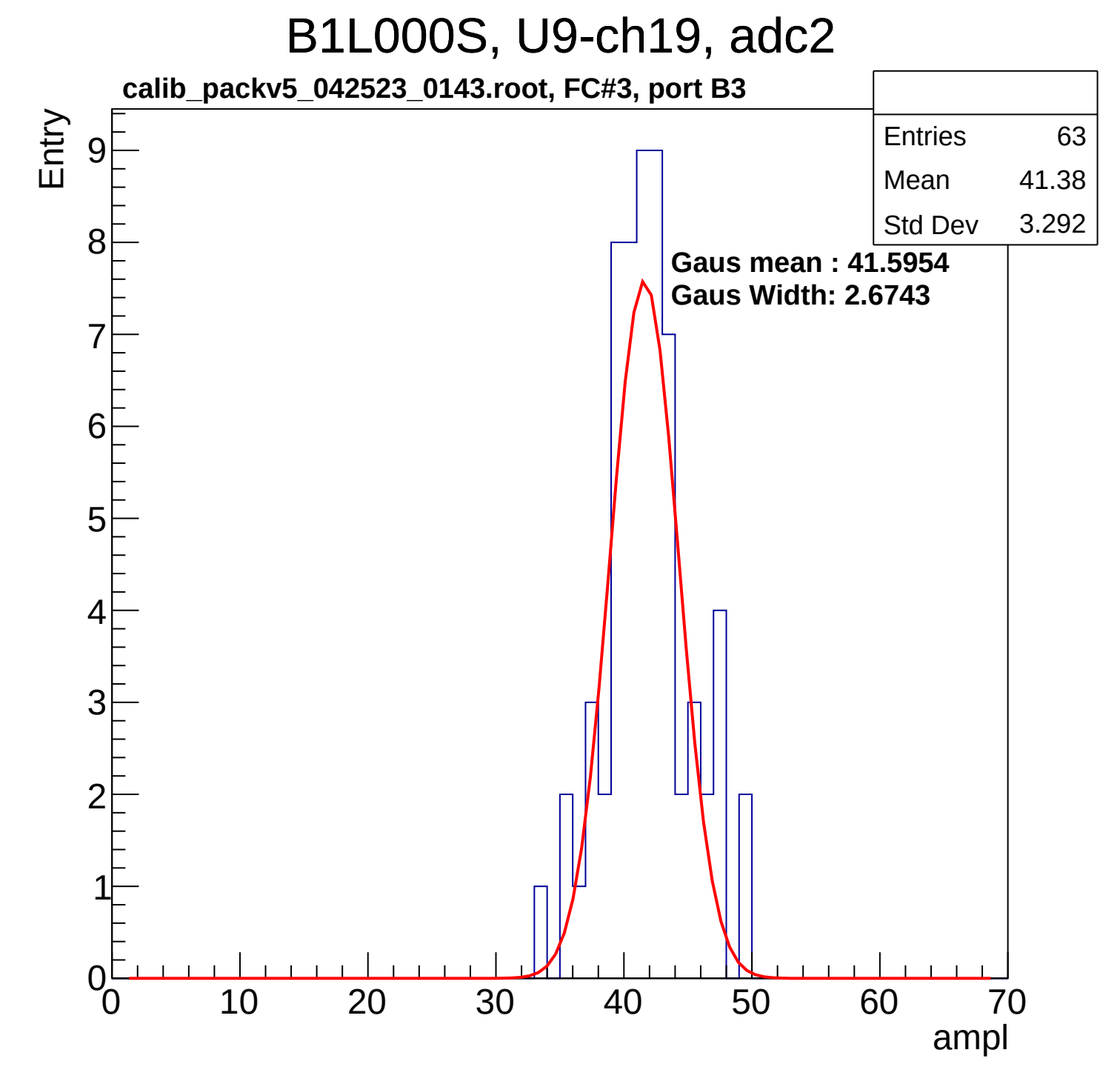

B1L000S, U9-ch18, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 56.85
Std Dev 8.256
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch18, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 61.39
Std Dev 1.467
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch18, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 45.33
Std Dev 24.84
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
70


B1L000S, U9-ch19, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 27.25
Std Dev 4.757
Gaus mean : 28.5267
Gaus Width: 3.5515
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch19, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 34.01
Std Dev 3.103
Gaus mean : 34.6253
Gaus Width: 3.2488
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch19, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 41.38
Std Dev 3.292
Gaus mean : 41.5954
Gaus Width: 2.6743
Entry
ampl
0
1
2
3
4
5
6
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8
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0
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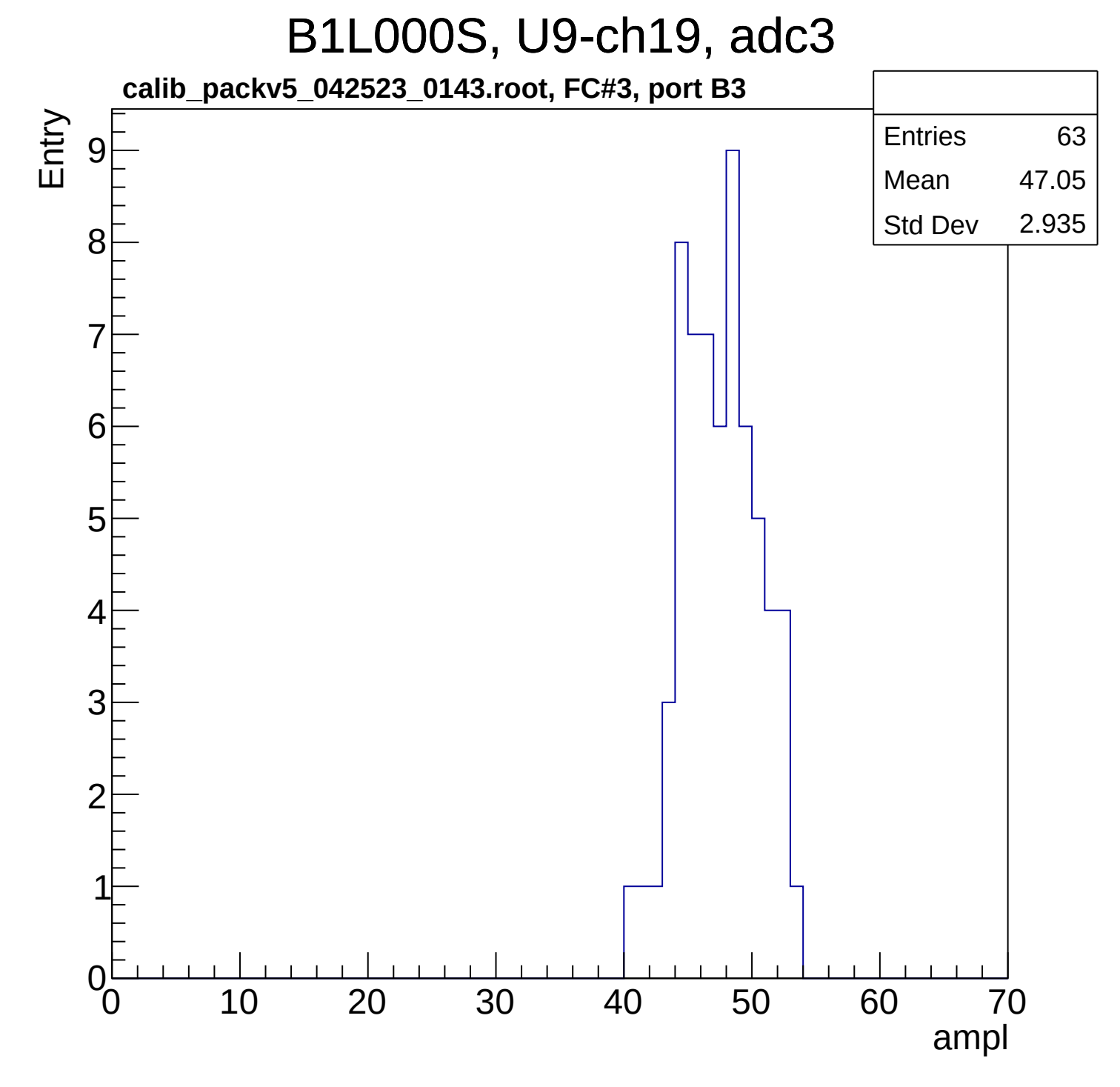
B1L000S, U9-ch19, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.05
Std Dev 2.935
Entry
ampl
0
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2
3
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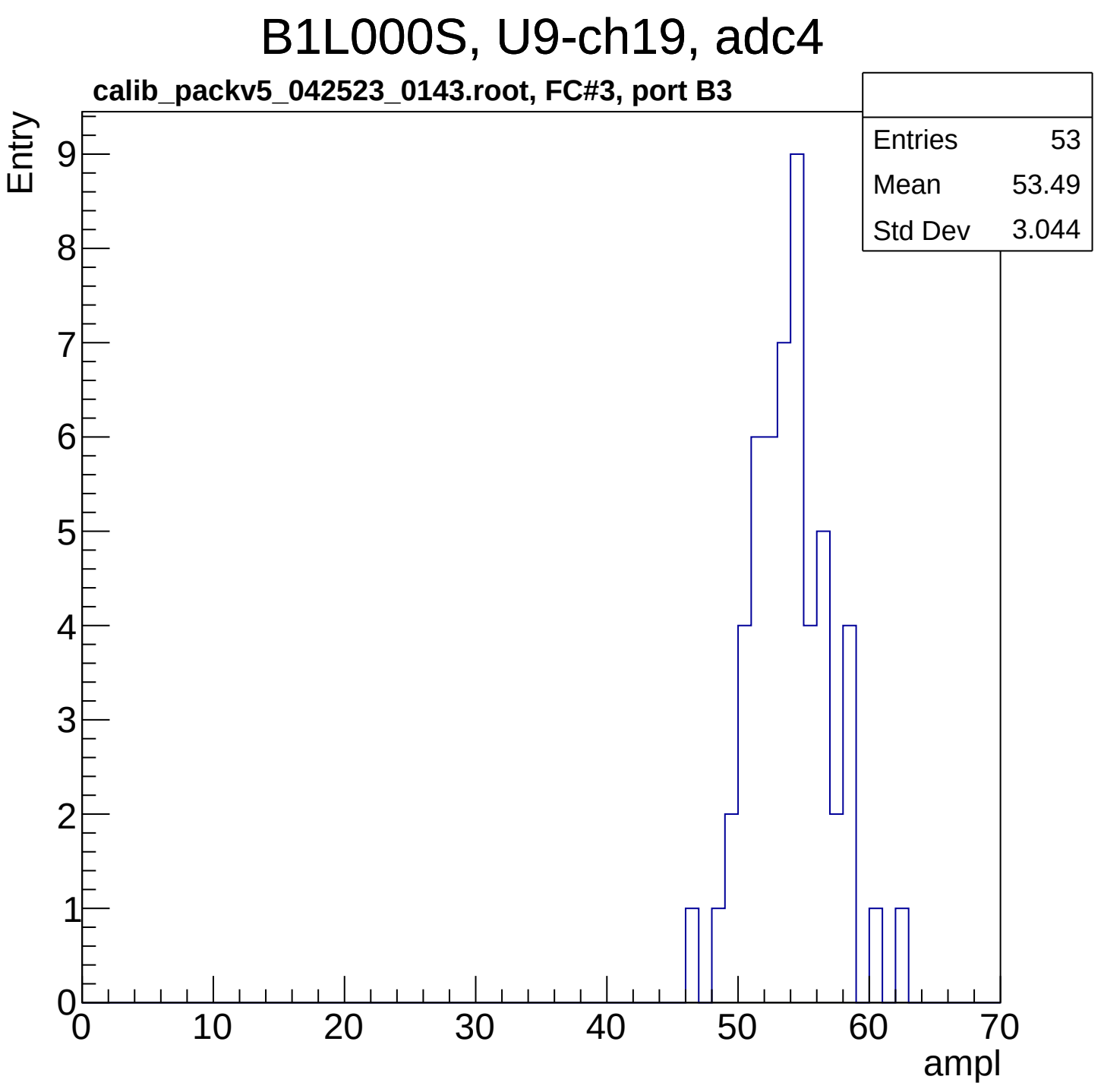
B1L000S, U9-ch19, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.49
Std Dev 3.044
Entry
ampl
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3
4
5
6
7
8
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0
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60
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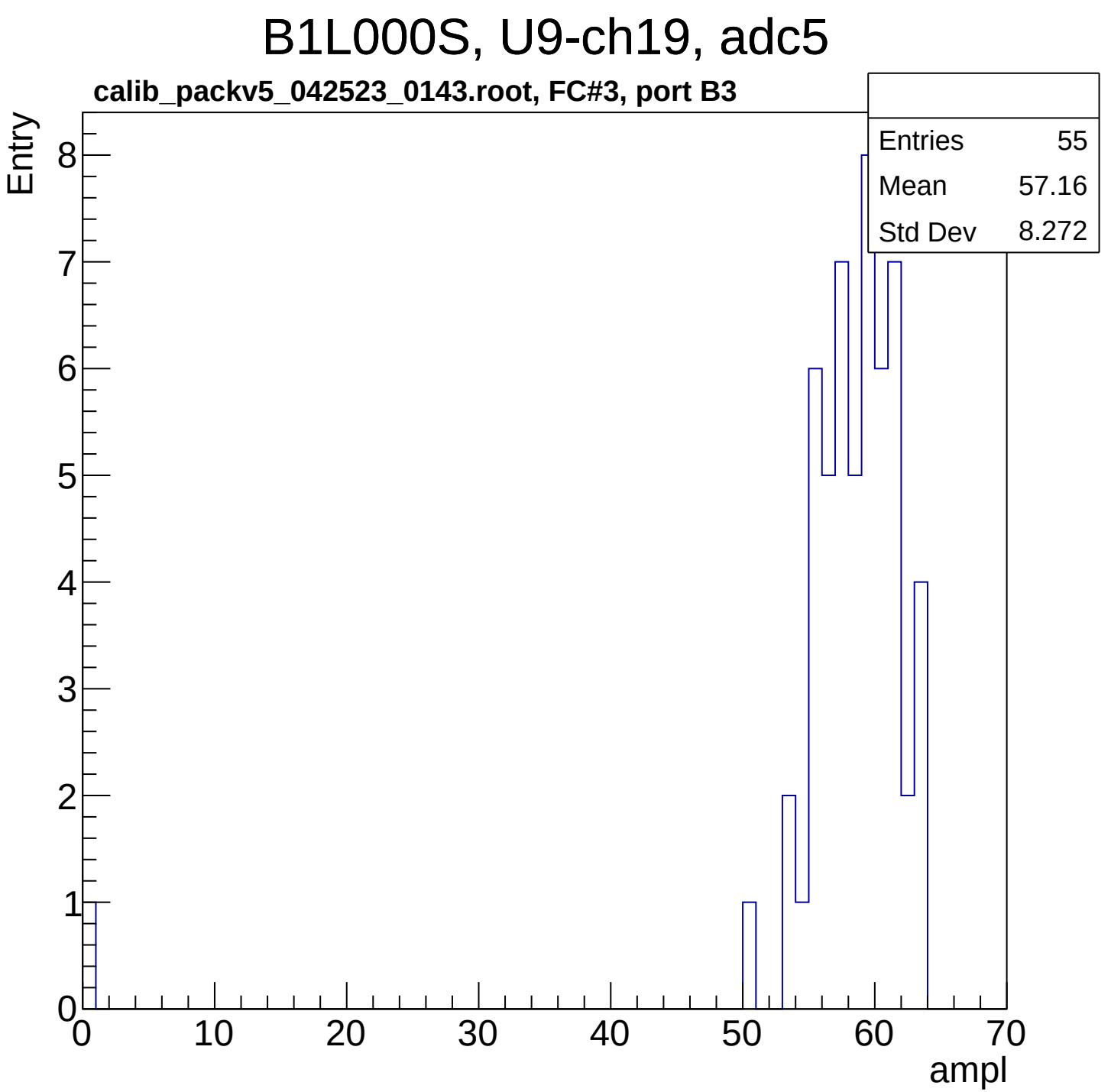
B1L000S, U9-ch19, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 57.16
Std Dev 8.272
Entry
ampl
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2
3
4
5
6
7
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0
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60
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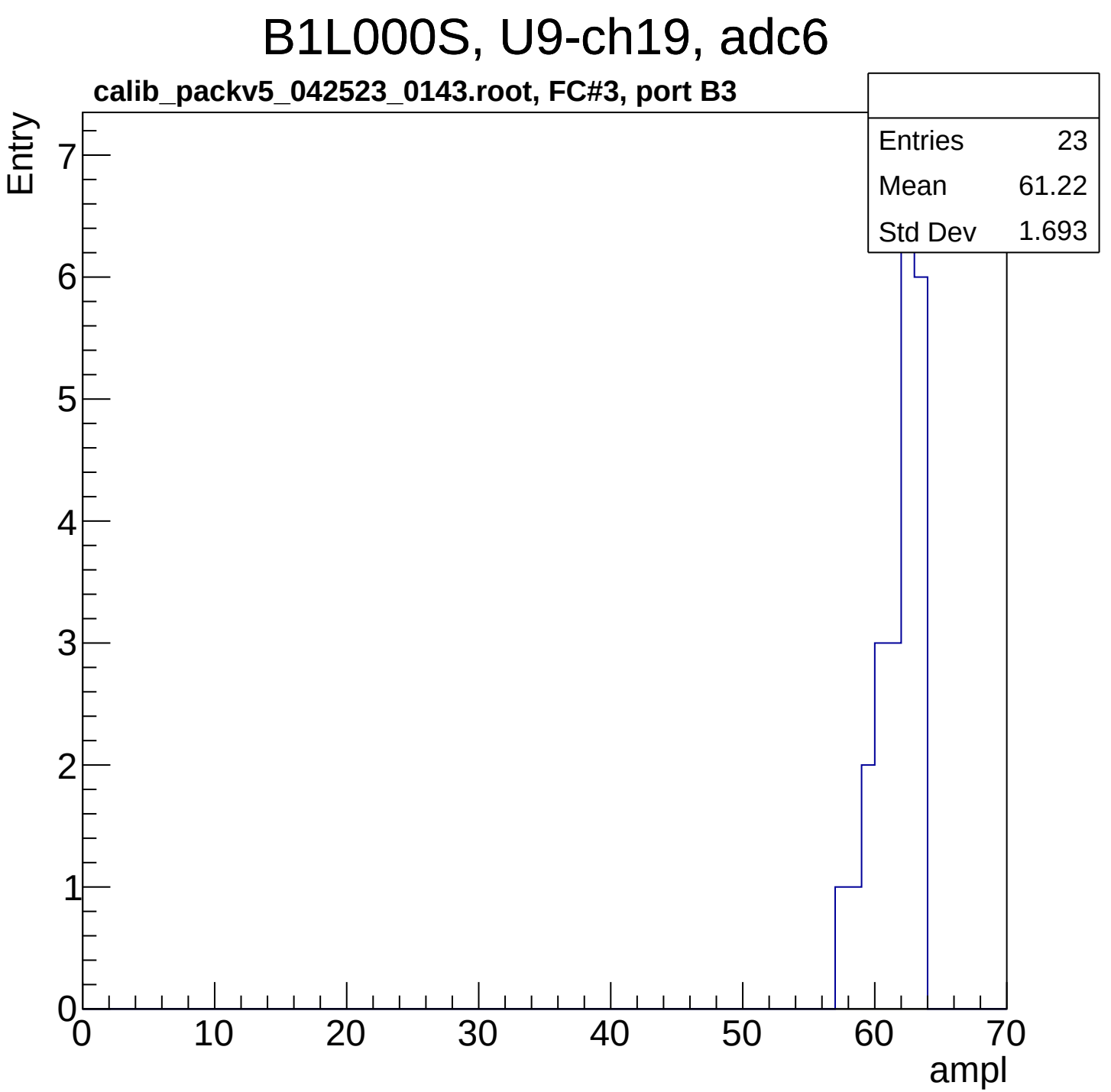
B1L000S, U9-ch19, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 61.22
Std Dev 1.693
Entry
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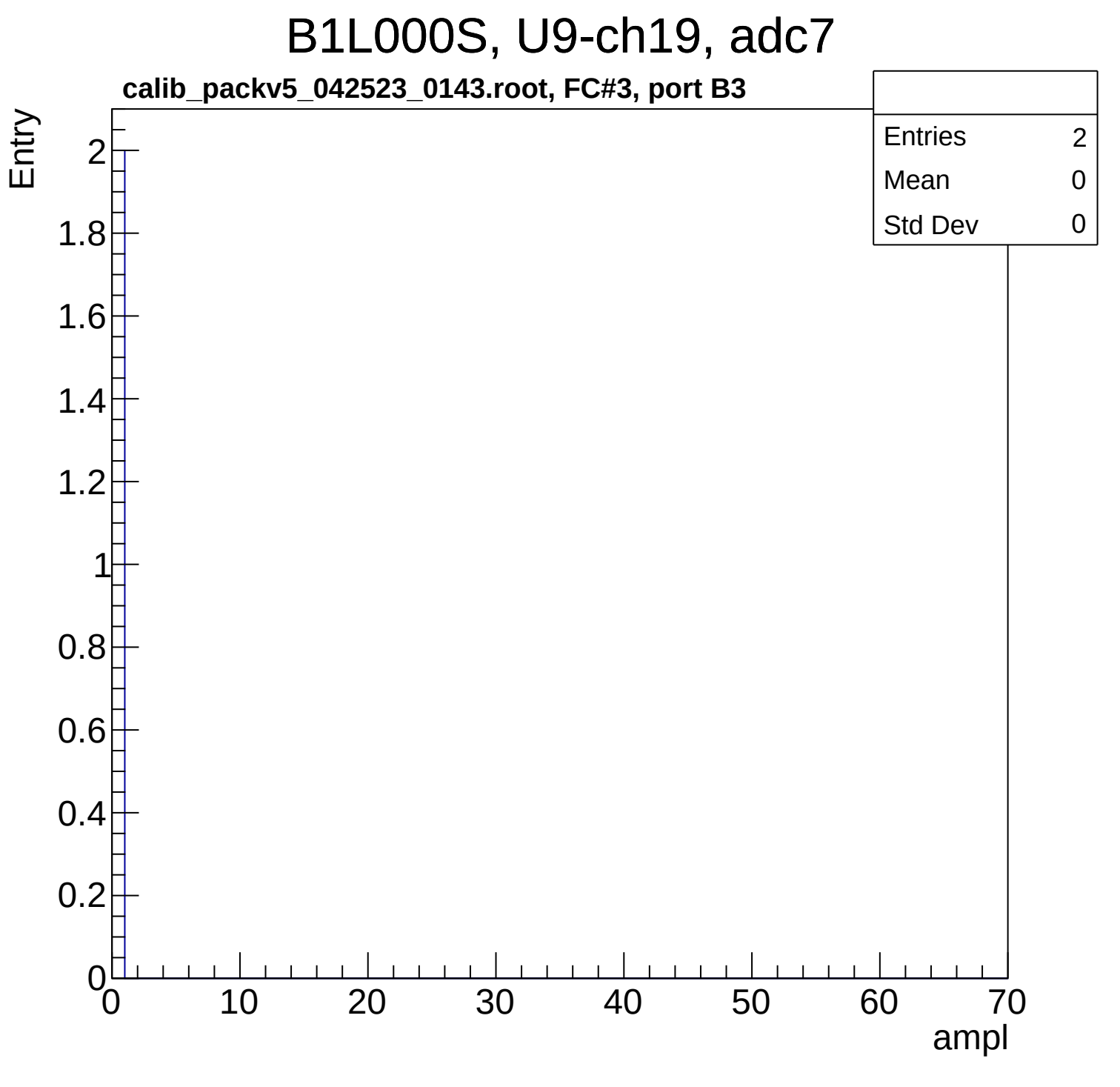
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch19, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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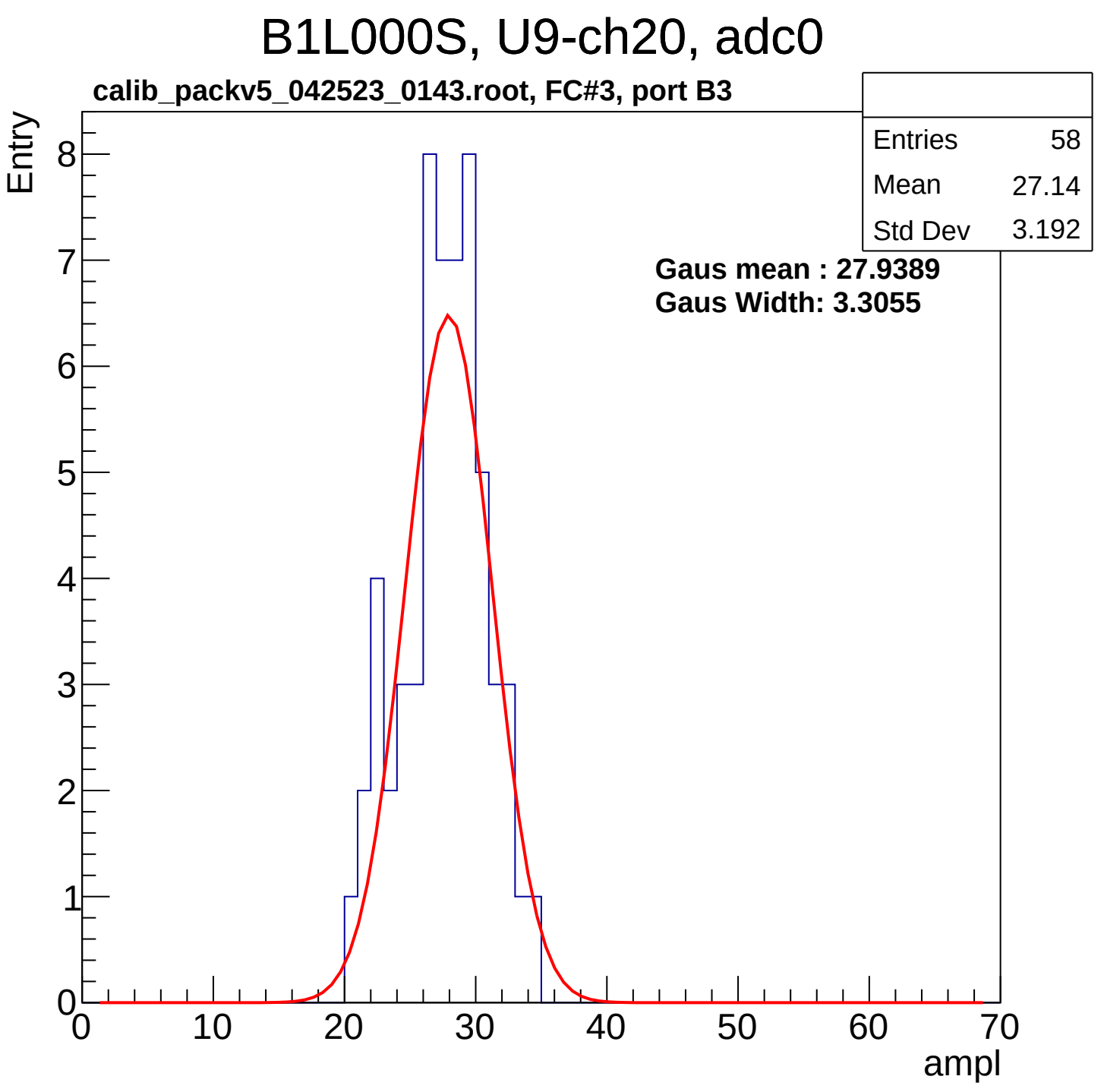
B1L000S, U9-ch20, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 27.14
Std Dev 3.192
Gaus mean : 27.9389
Gaus Width: 3.3055
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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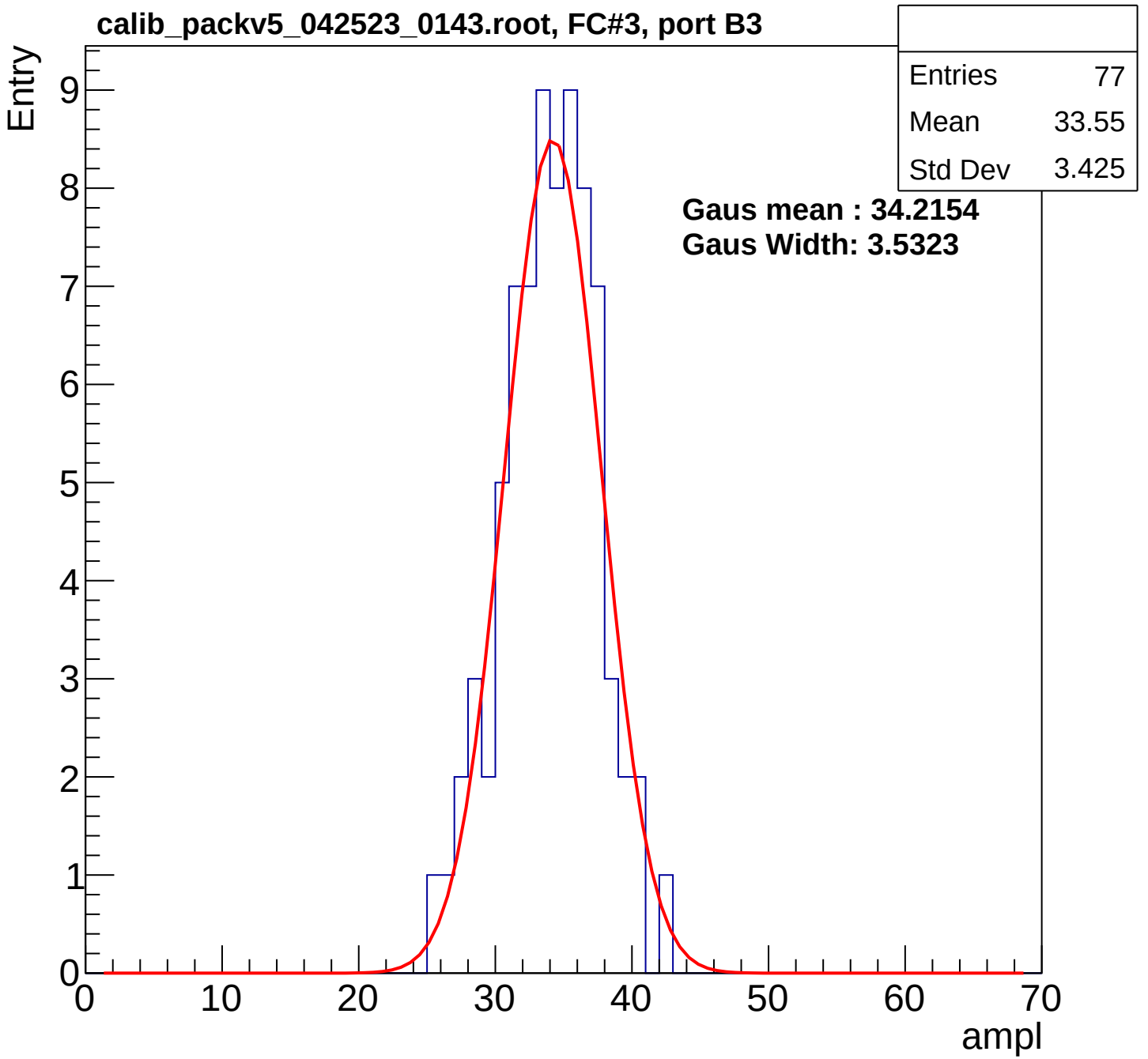
B1L000S, U9-ch20, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 33.55
Std Dev 3.425
Gaus mean : 34.2154
Gaus Width: 3.5323
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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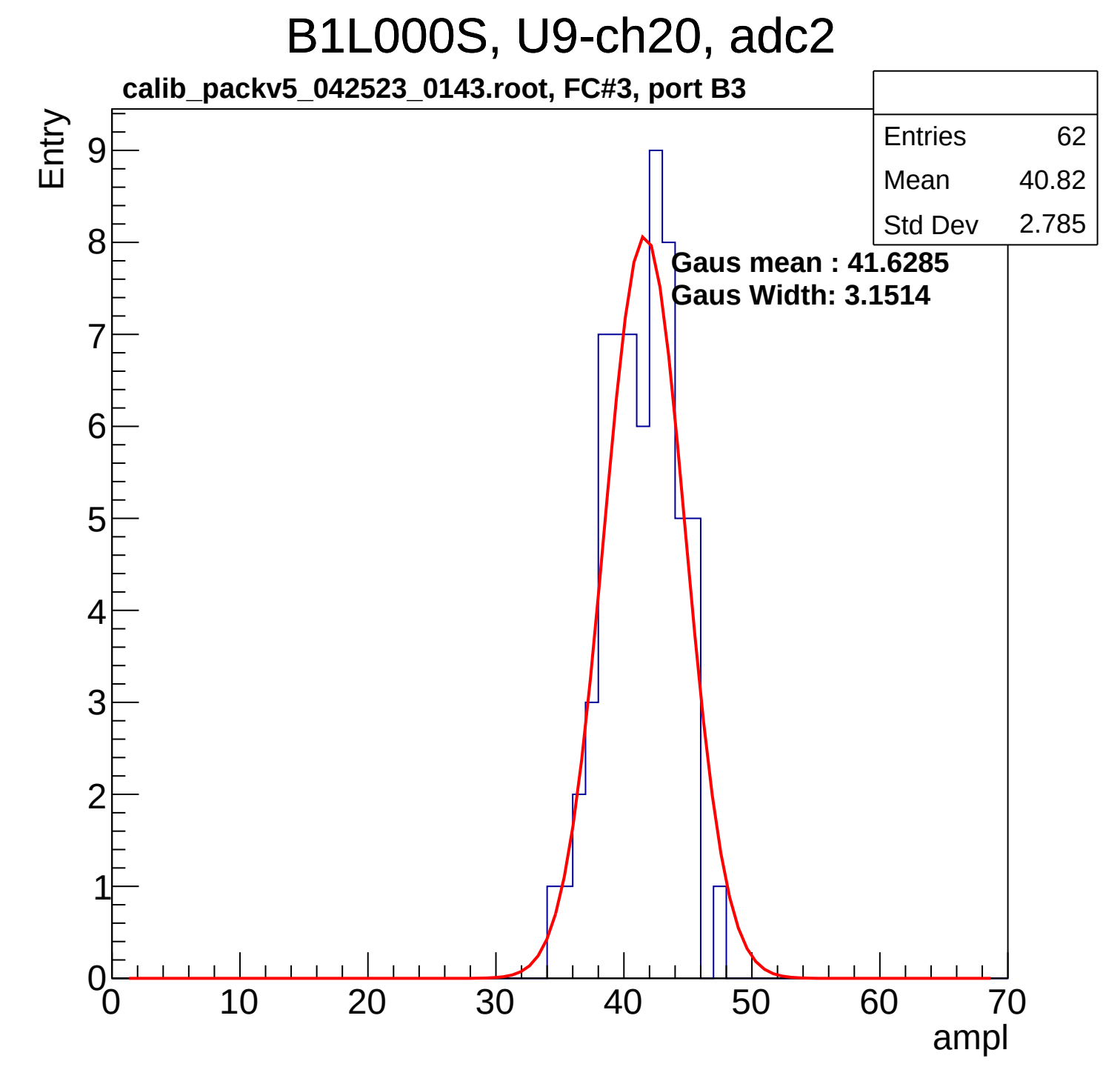
B1L000S, U9-ch20, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 40.82
Std Dev 2.785
Gaus mean : 41.6285
Gaus Width: 3.1514
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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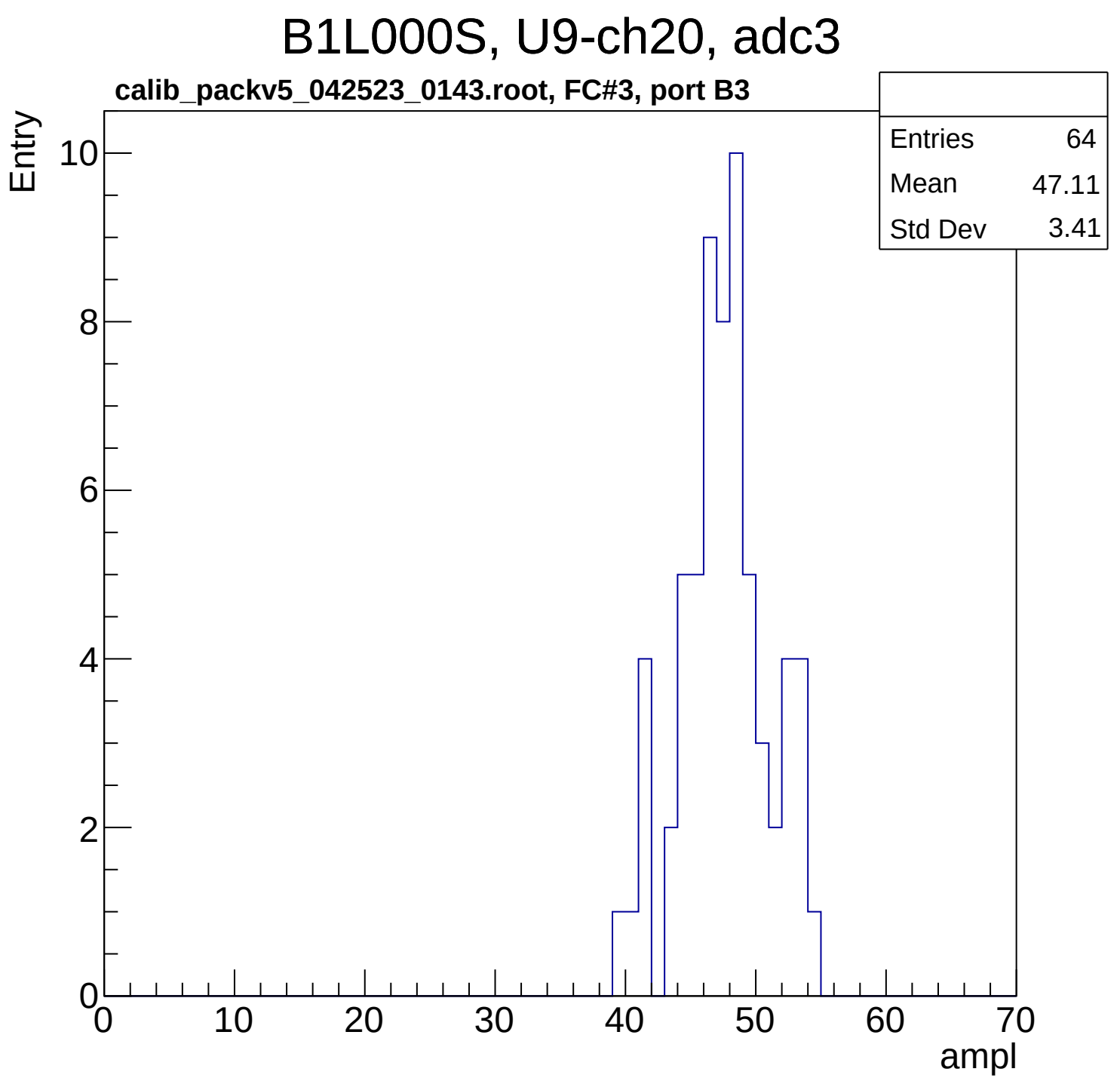
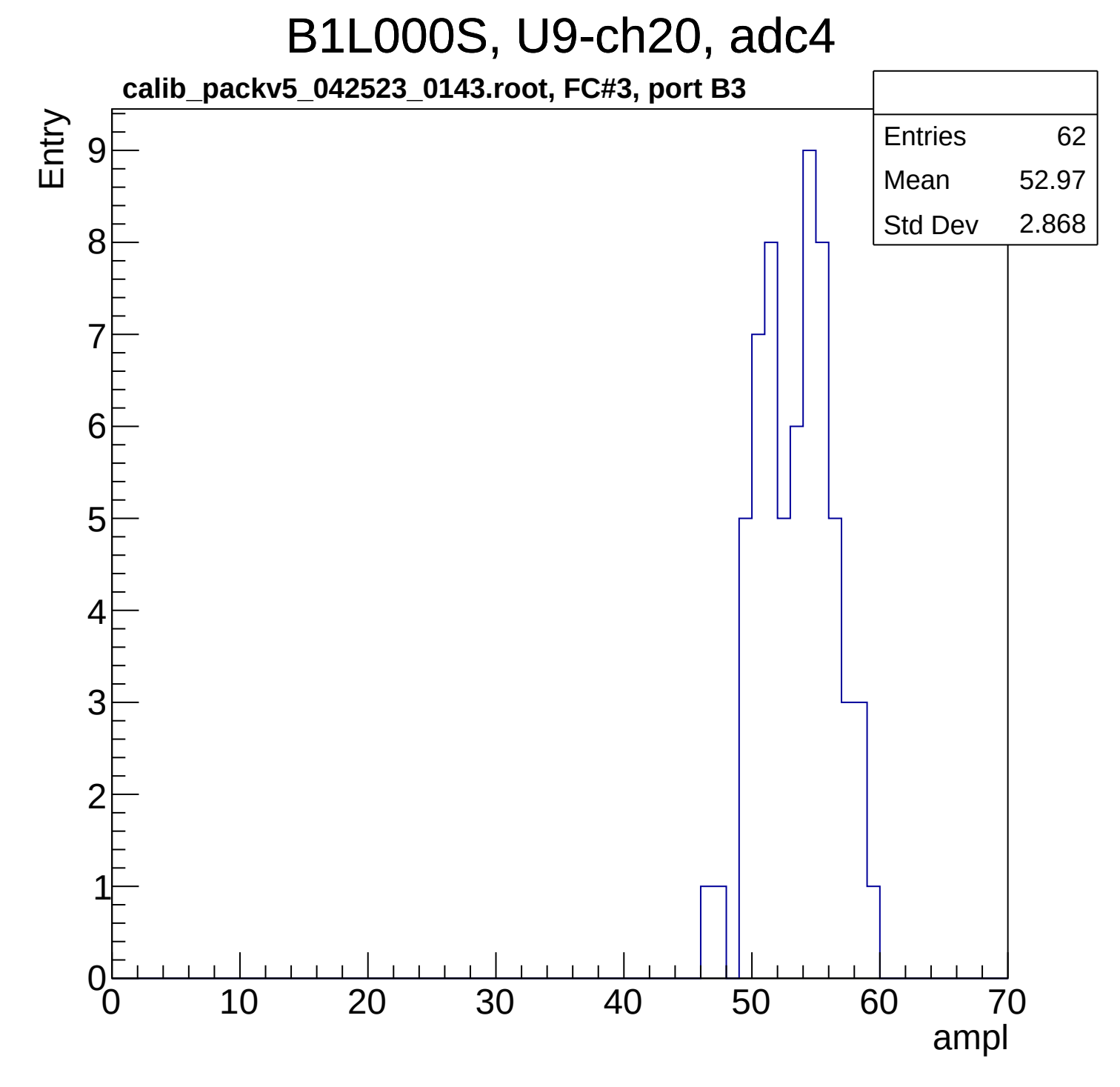

B1L000S, U9-ch20, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.11
Std Dev 3.41
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch20, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 52.97
Std Dev 2.868
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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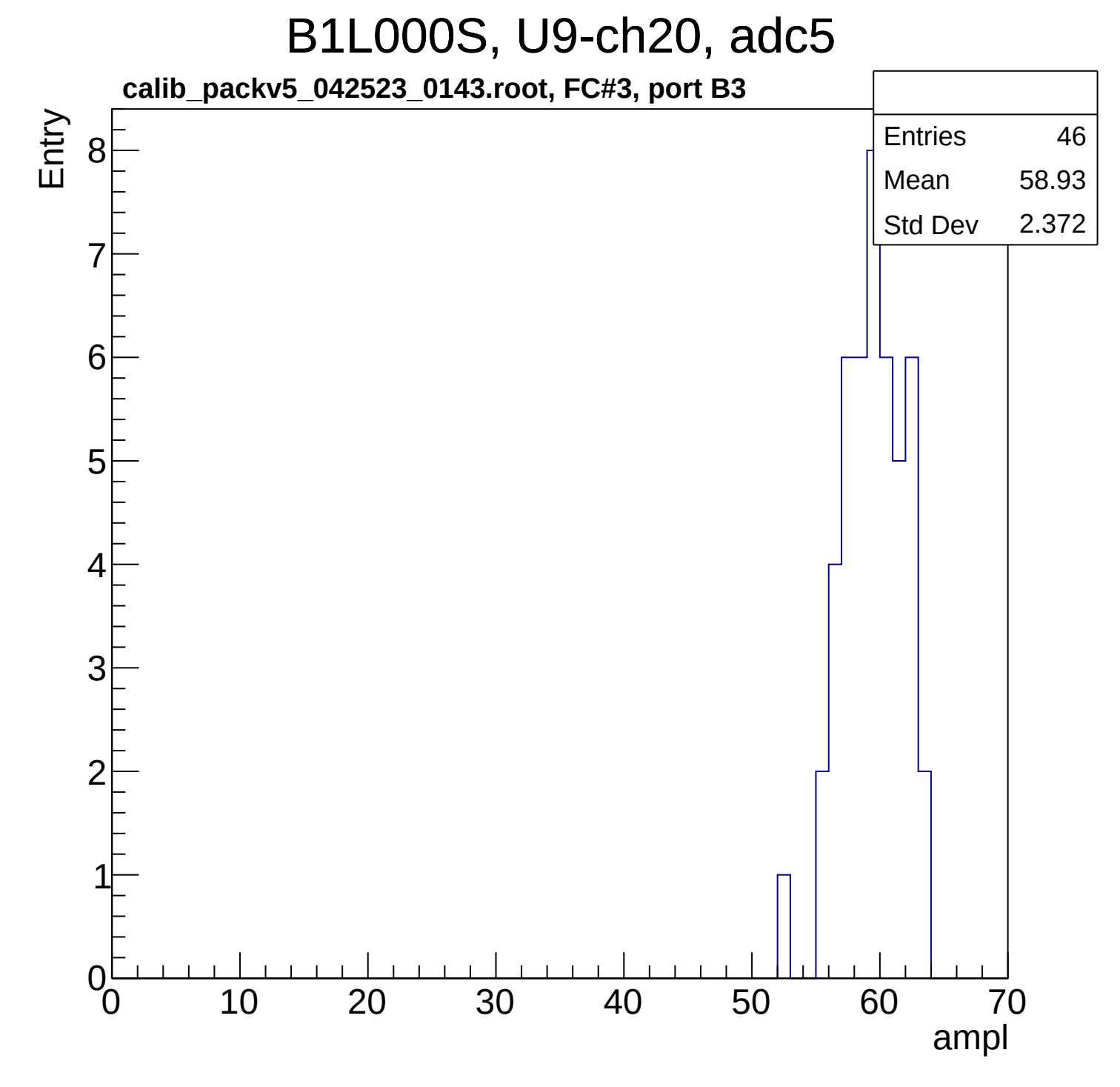
B1L000S, U9-ch20, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.93
Std Dev 2.372
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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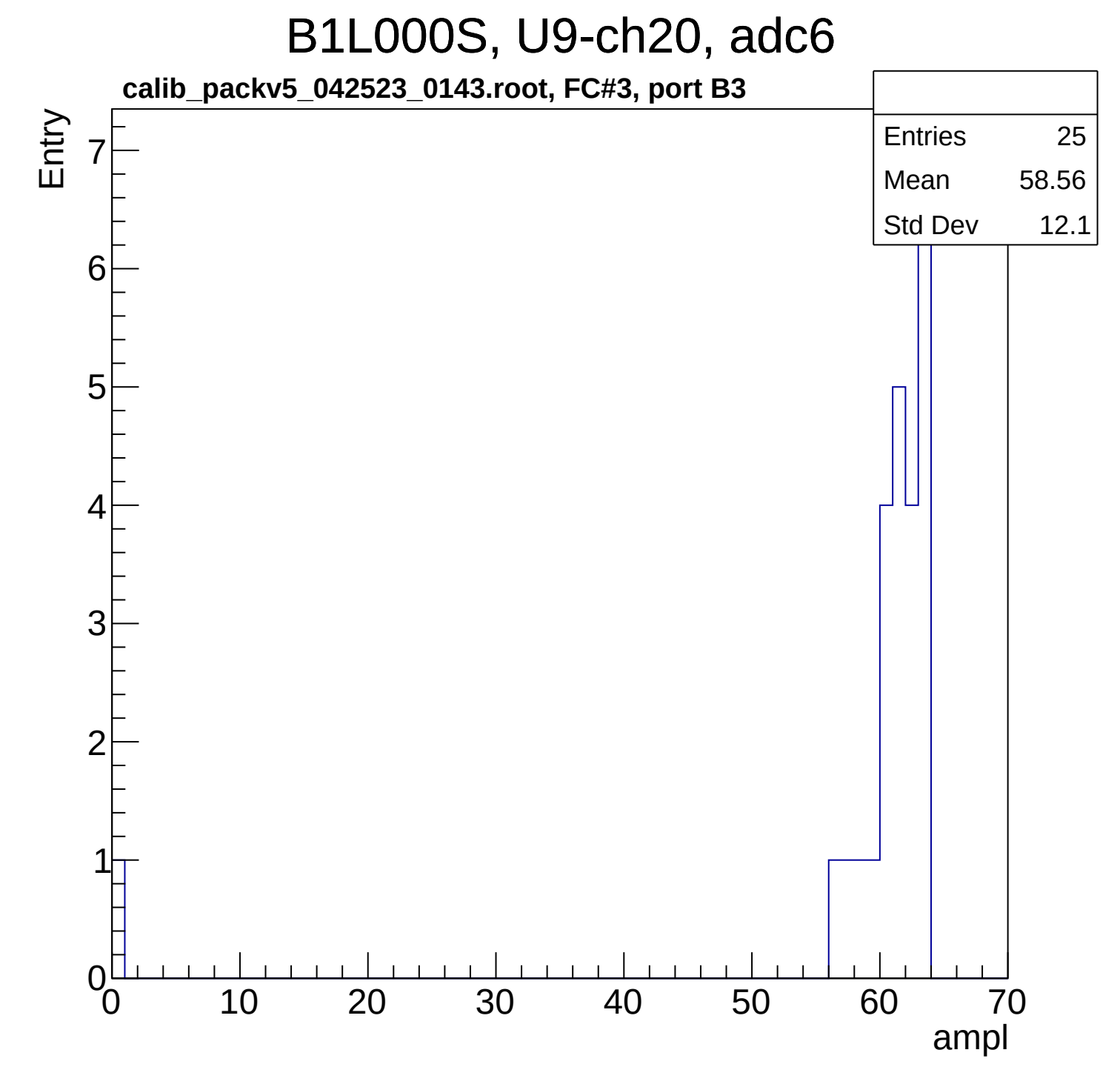
B1L000S, U9-ch20, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 25
Mean 58.56
Std Dev 12.1
Entry
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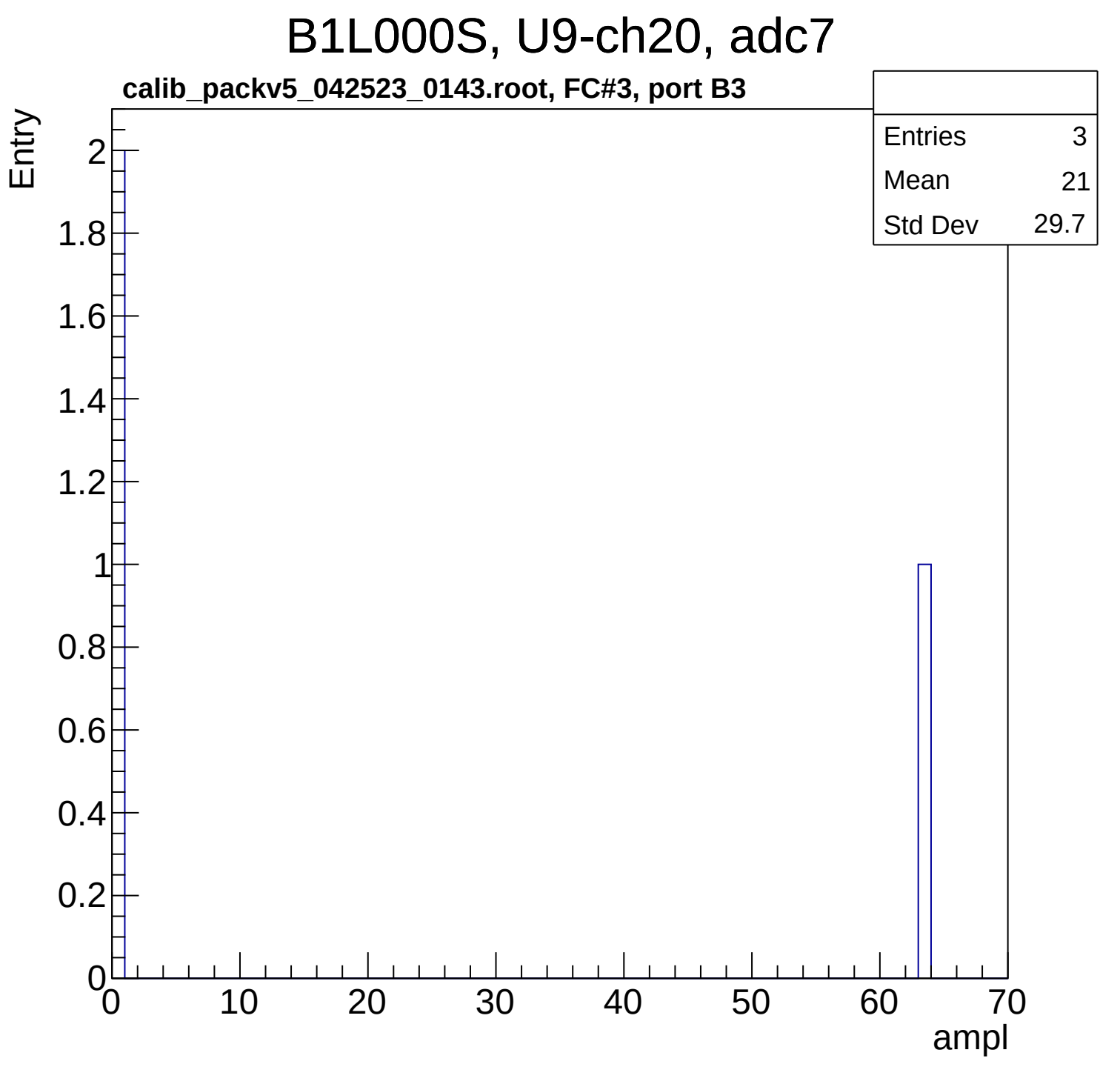
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch20, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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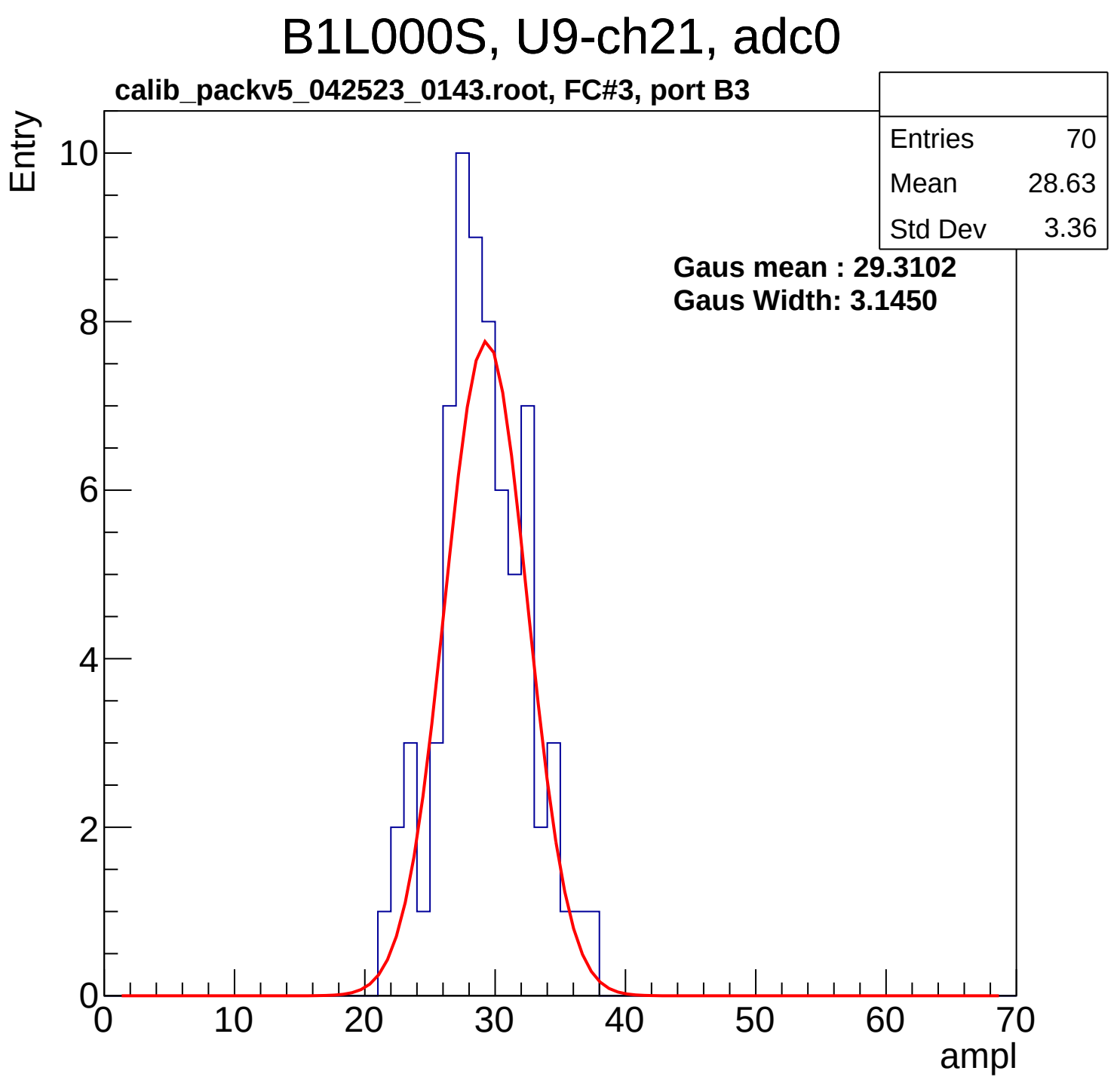
B1L000S, U9-ch21, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.63
Std Dev 3.36
Gaus mean : 29.3102
Gaus Width: 3.1450
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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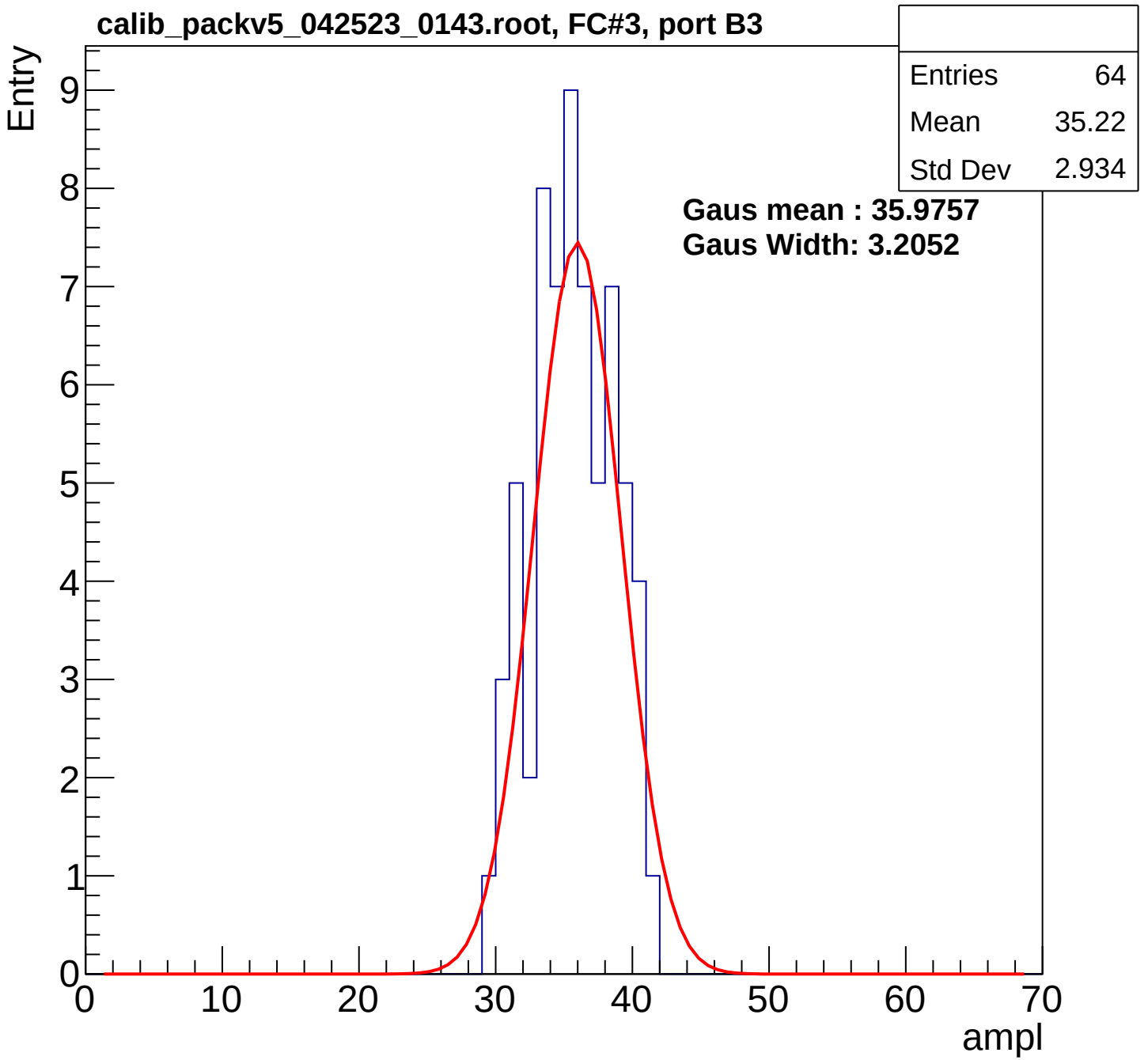
B1L000S, U9-ch21, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.22
Std Dev 2.934
Gaus mean : 35.9757
Gaus Width: 3.2052
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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60
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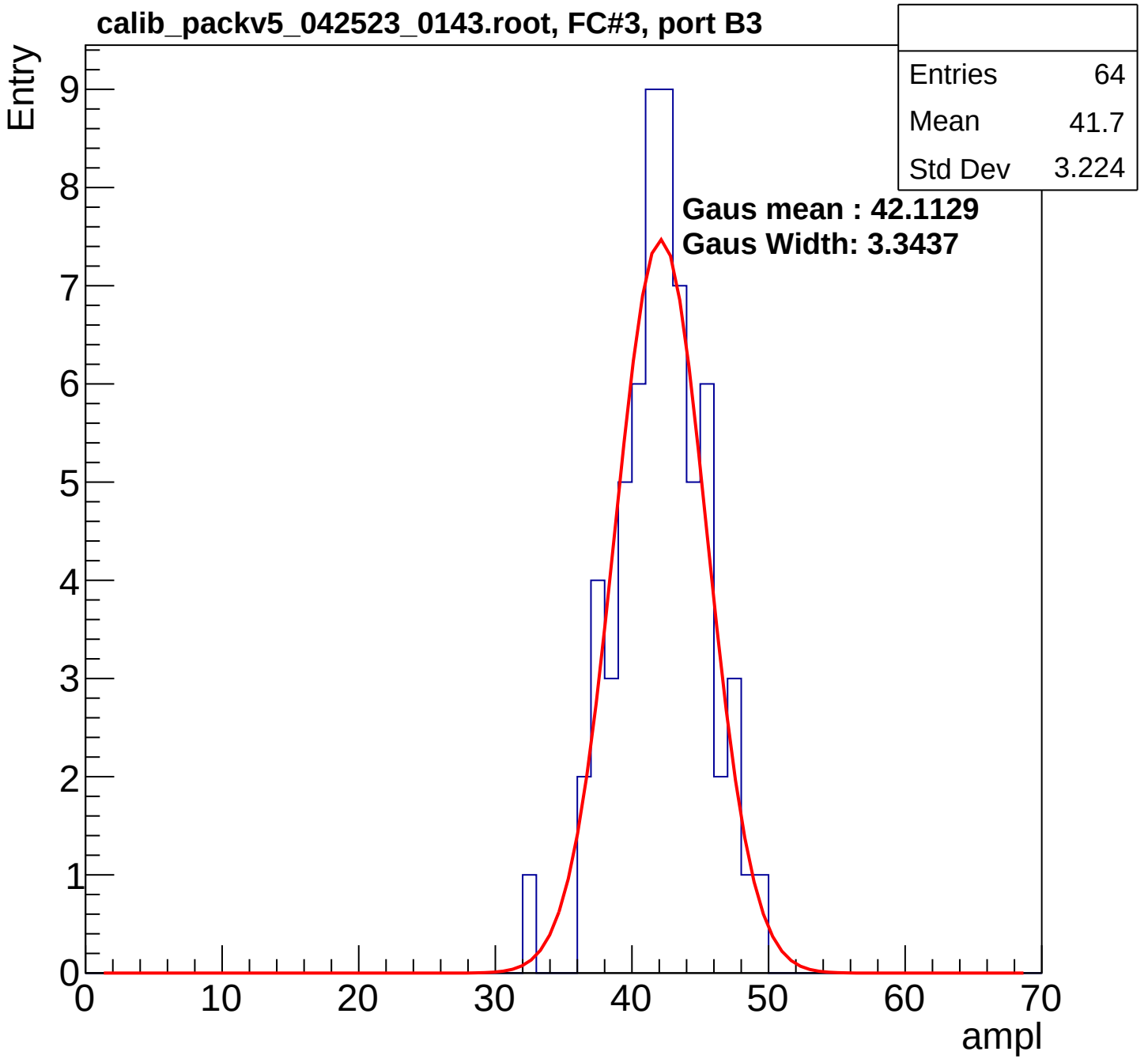
B1L000S, U9-ch21, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.7
Std Dev 3.224
Gaus mean : 42.1129
Gaus Width: 3.3437
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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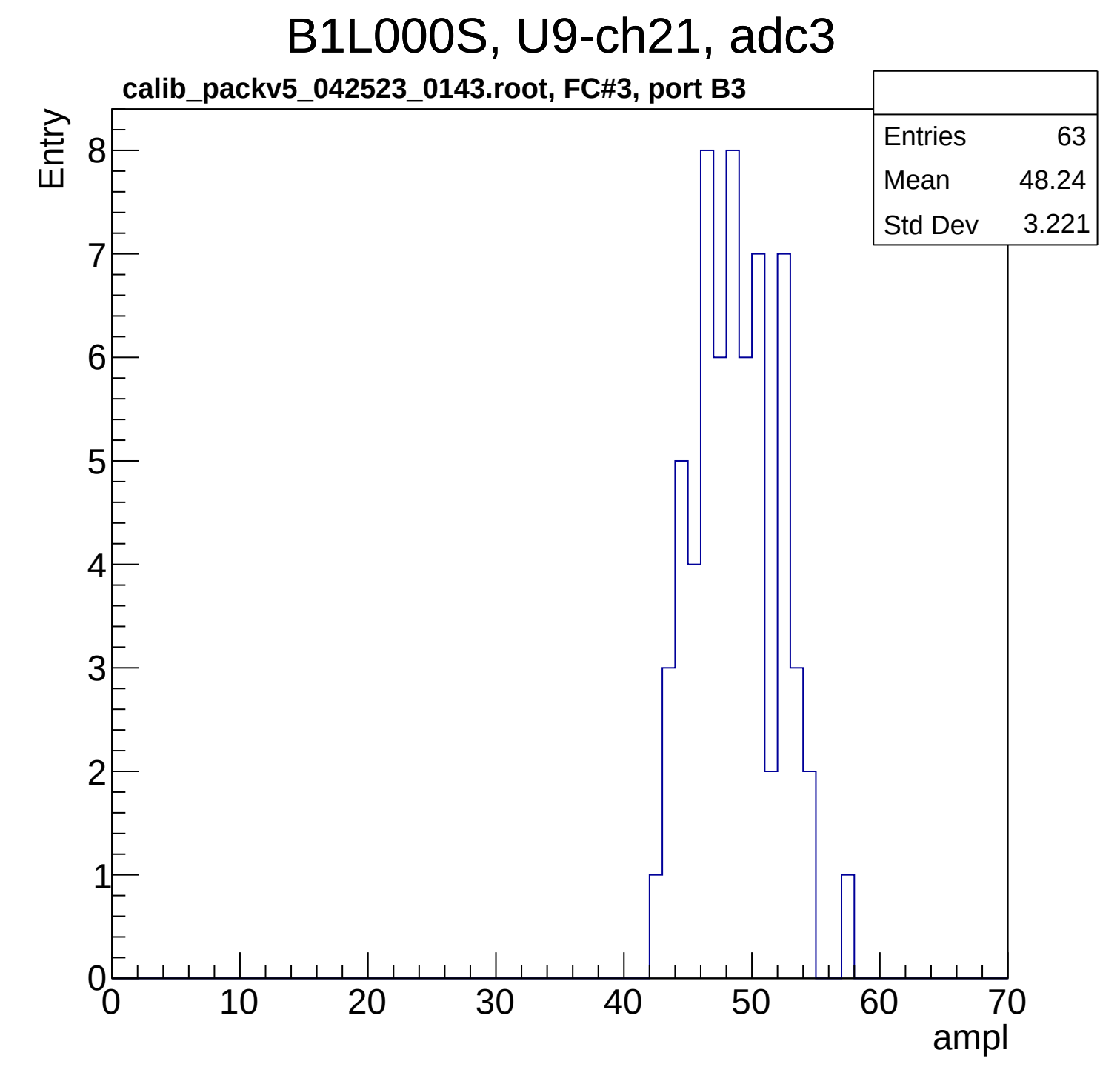
B1L000S, U9-ch21, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 48.24
Std Dev 3.221
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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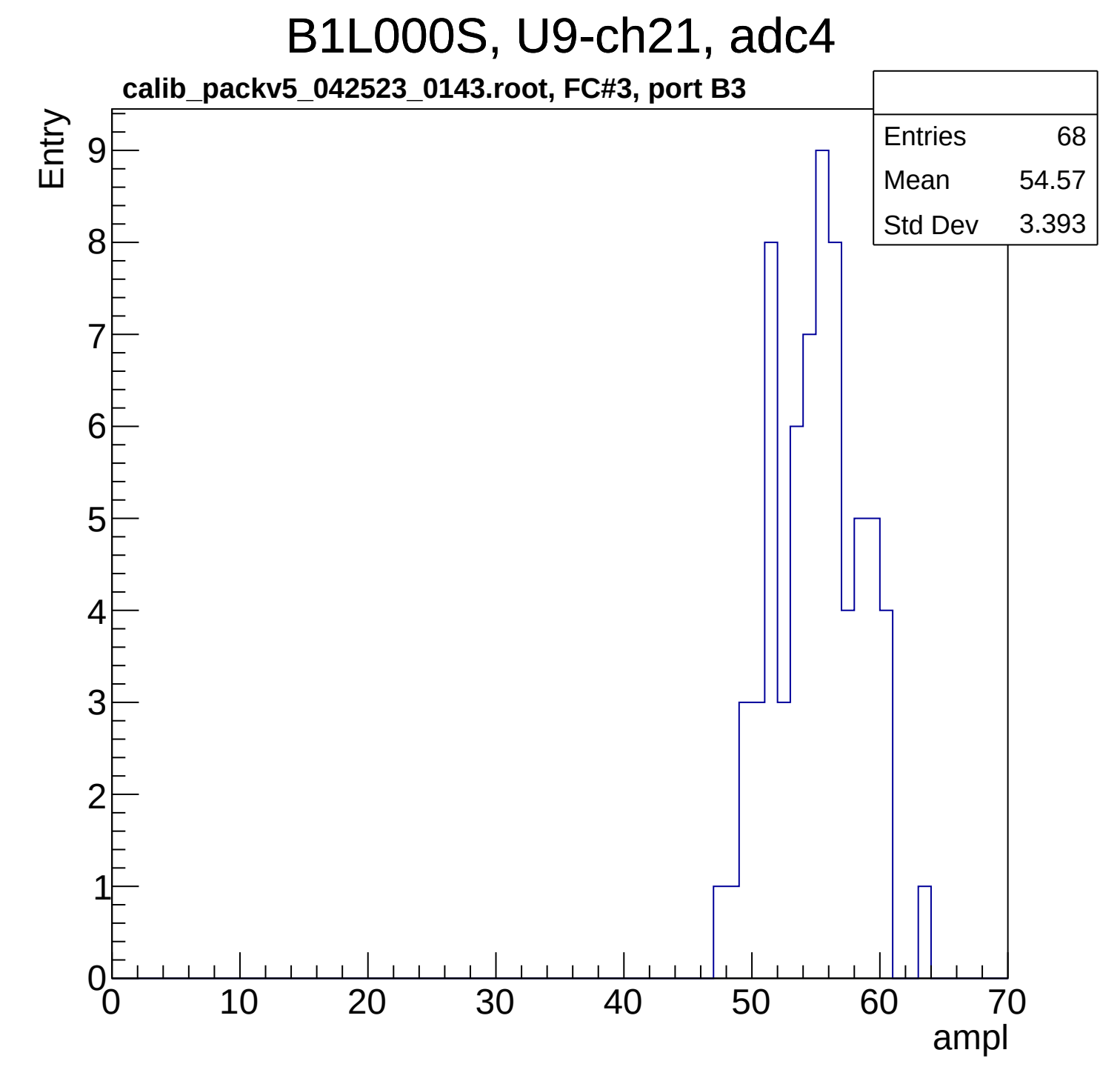
B1L000S, U9-ch21, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 54.57
Std Dev 3.393
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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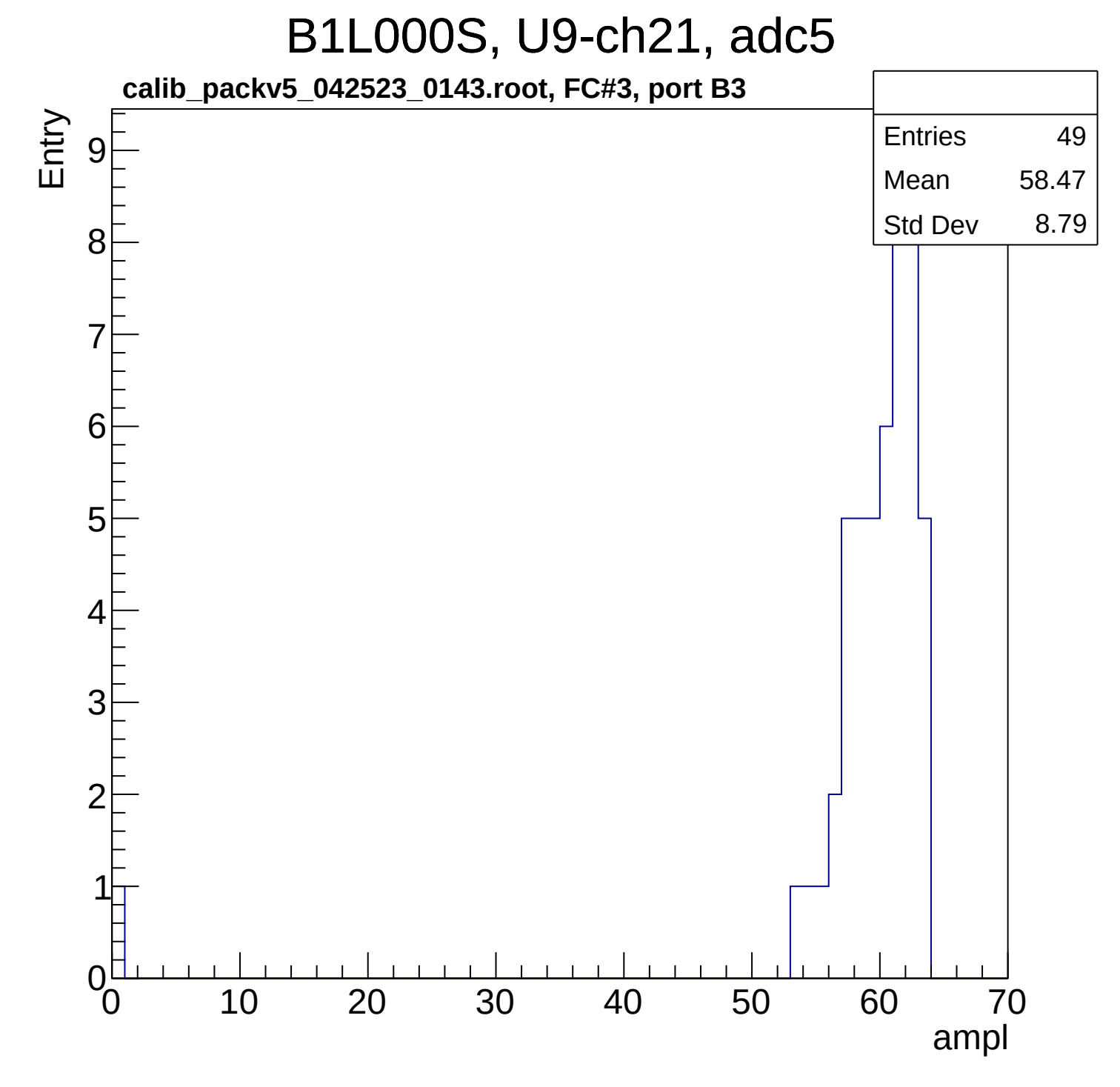
B1L000S, U9-ch21, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.47
Std Dev 8.79
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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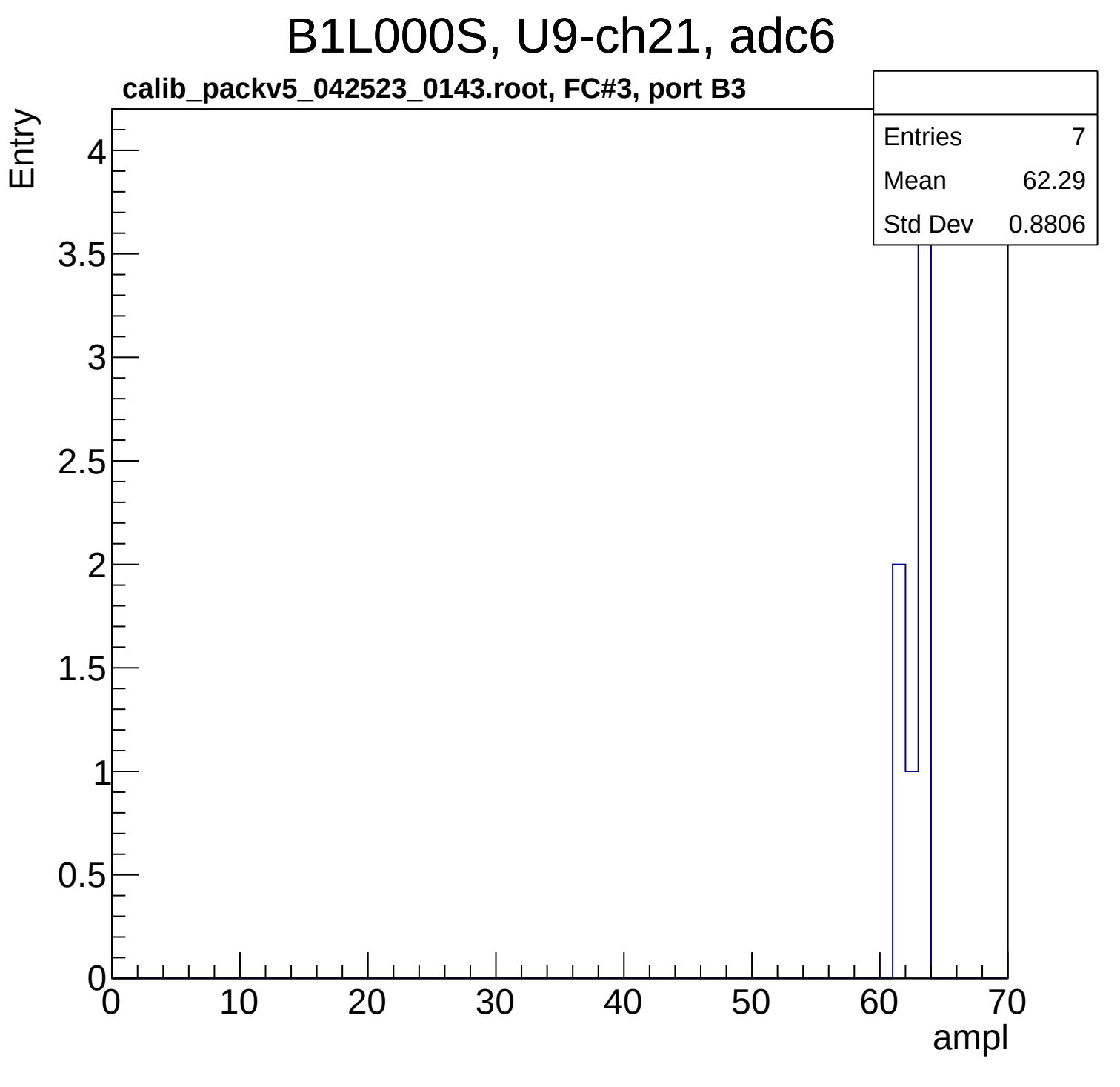
B1L000S, U9-ch21, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 62.29
Std Dev 0.8806
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
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0
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20
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60
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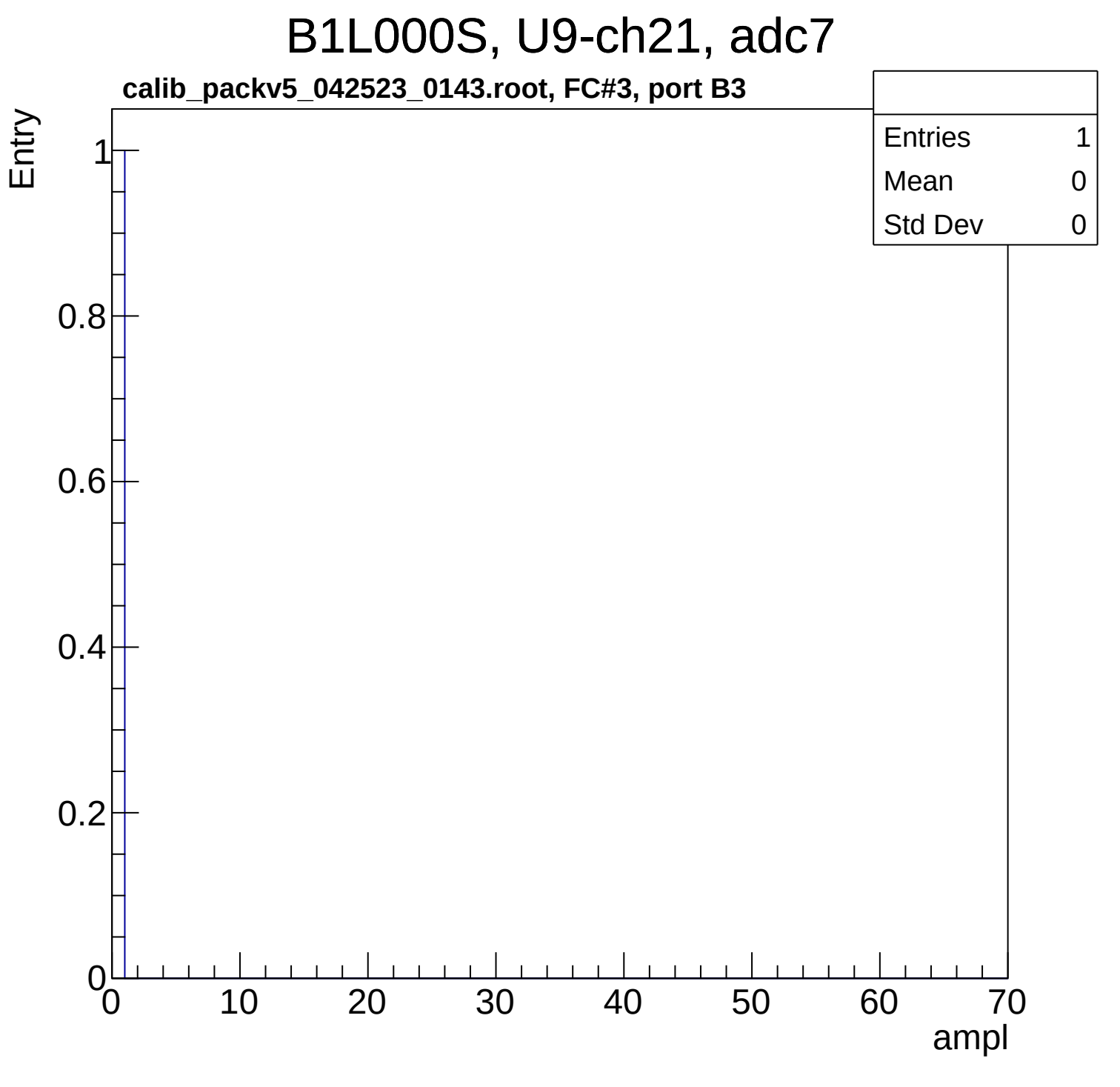
B1L000S, U9-ch21, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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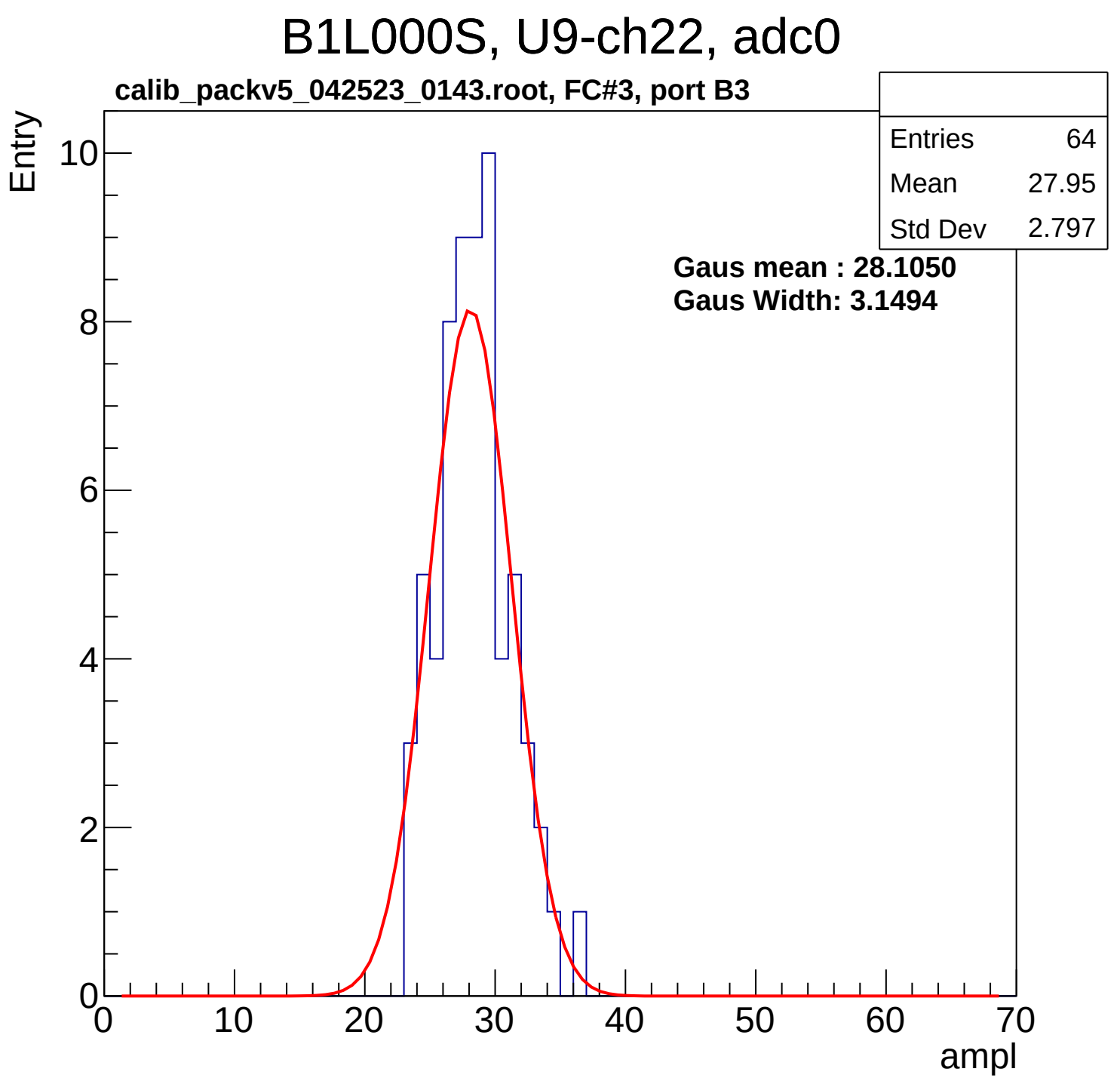
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch22, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 27.95
Std Dev 2.797
Gaus mean : 28.1050
Gaus Width: 3.1494
Entry
ampl
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2
4
6
8
10
0
10
20
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40
50
60
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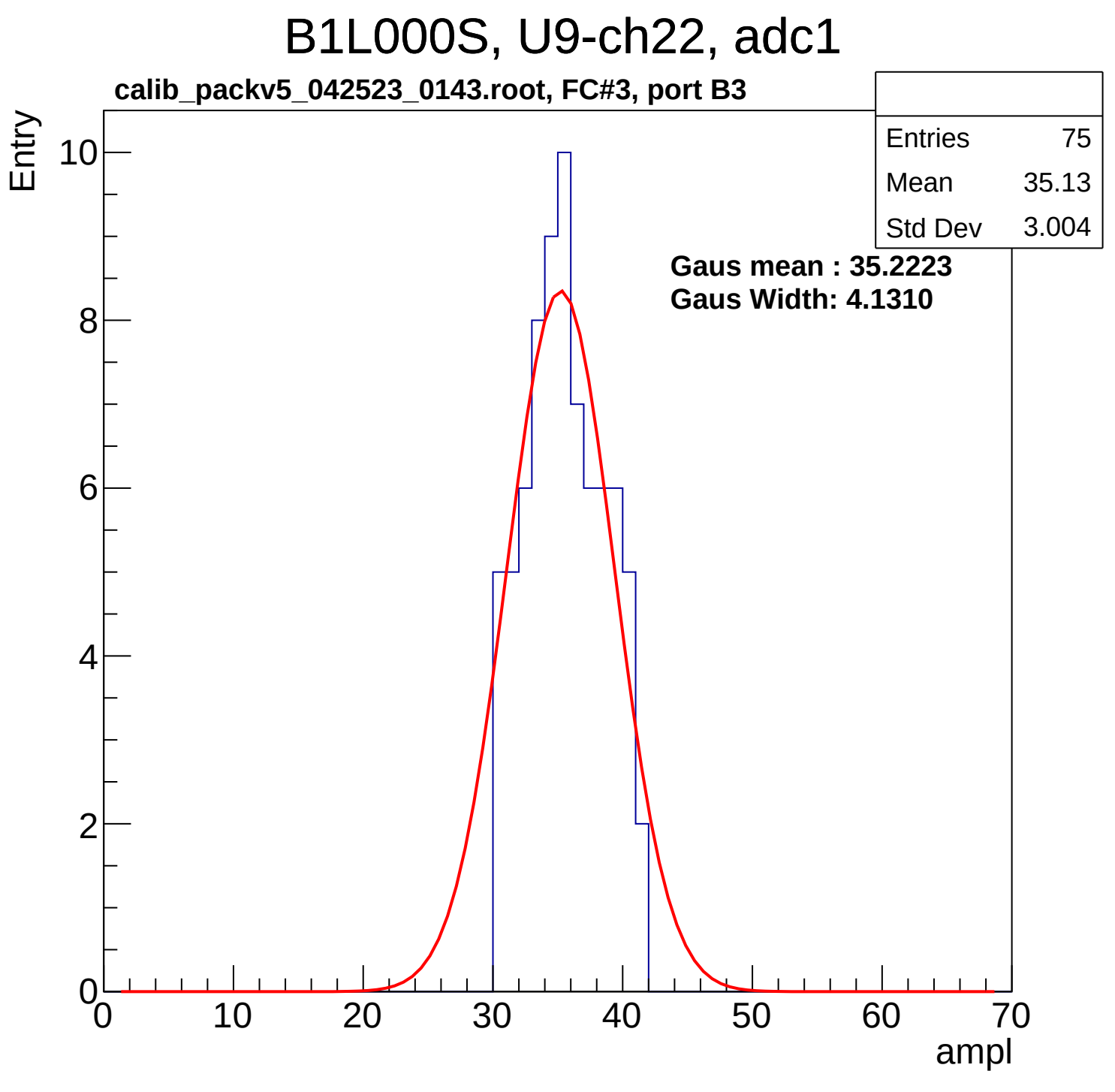
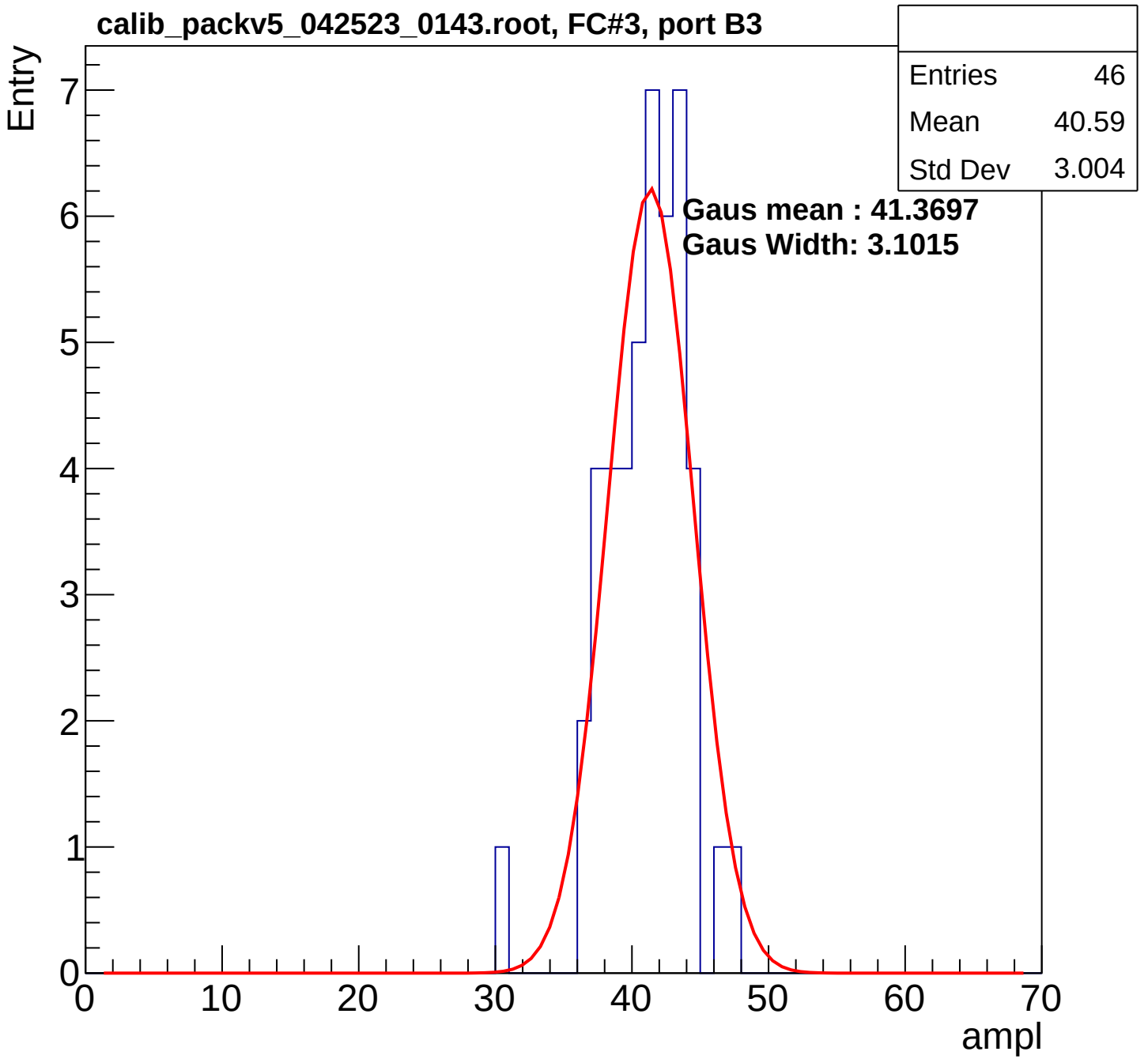

B1L000S, U9-ch22, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 35.13
Std Dev 3.004
Gaus mean : 35.2223
Gaus Width: 4.1310
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch22, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 40.59
Std Dev 3.004
Gaus mean : 41.3697
Gaus Width: 3.1015
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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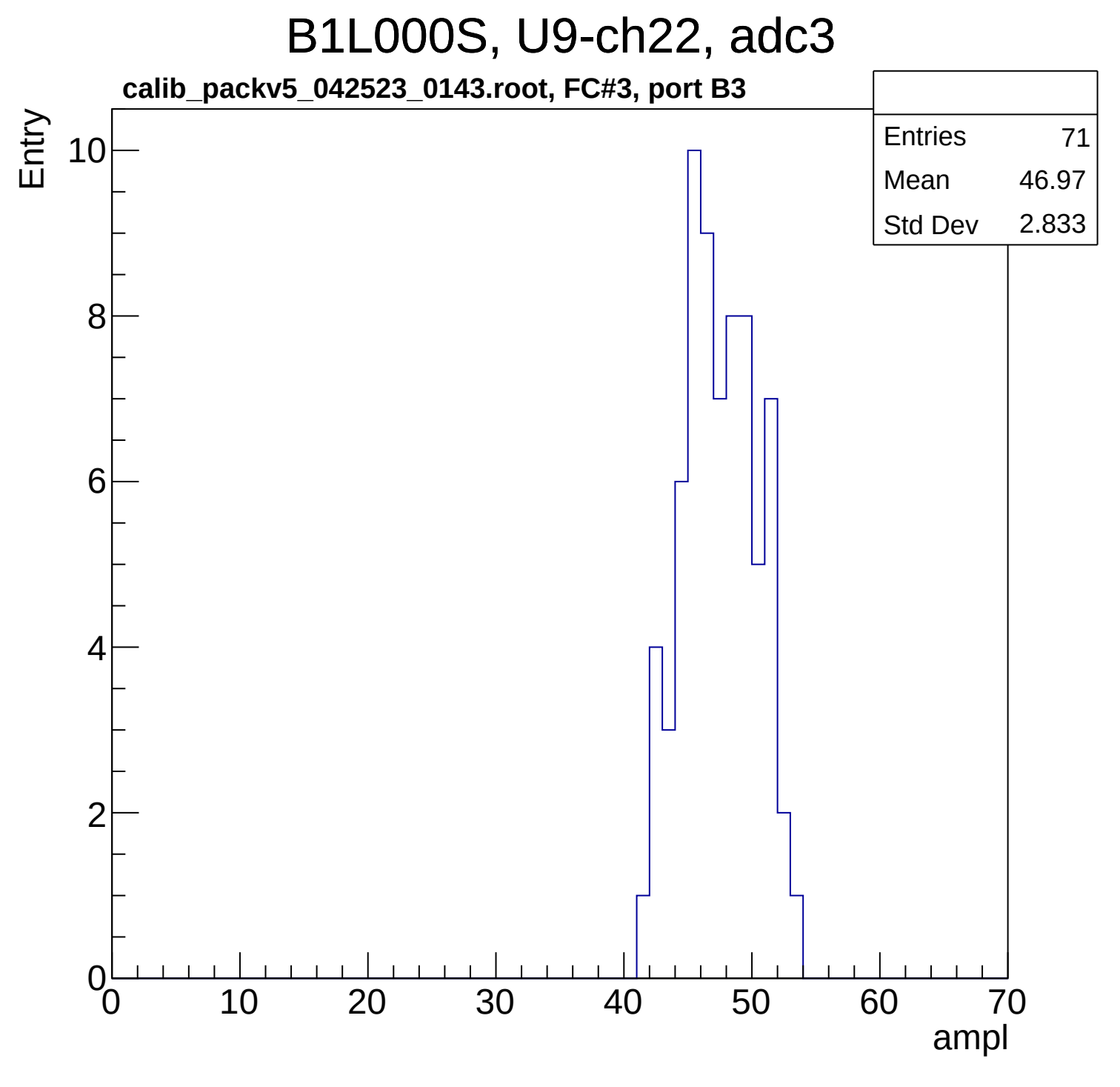
B1L000S, U9-ch22, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 46.97
Std Dev 2.833
Entry
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2
4
6
8
10
0
10
20
30
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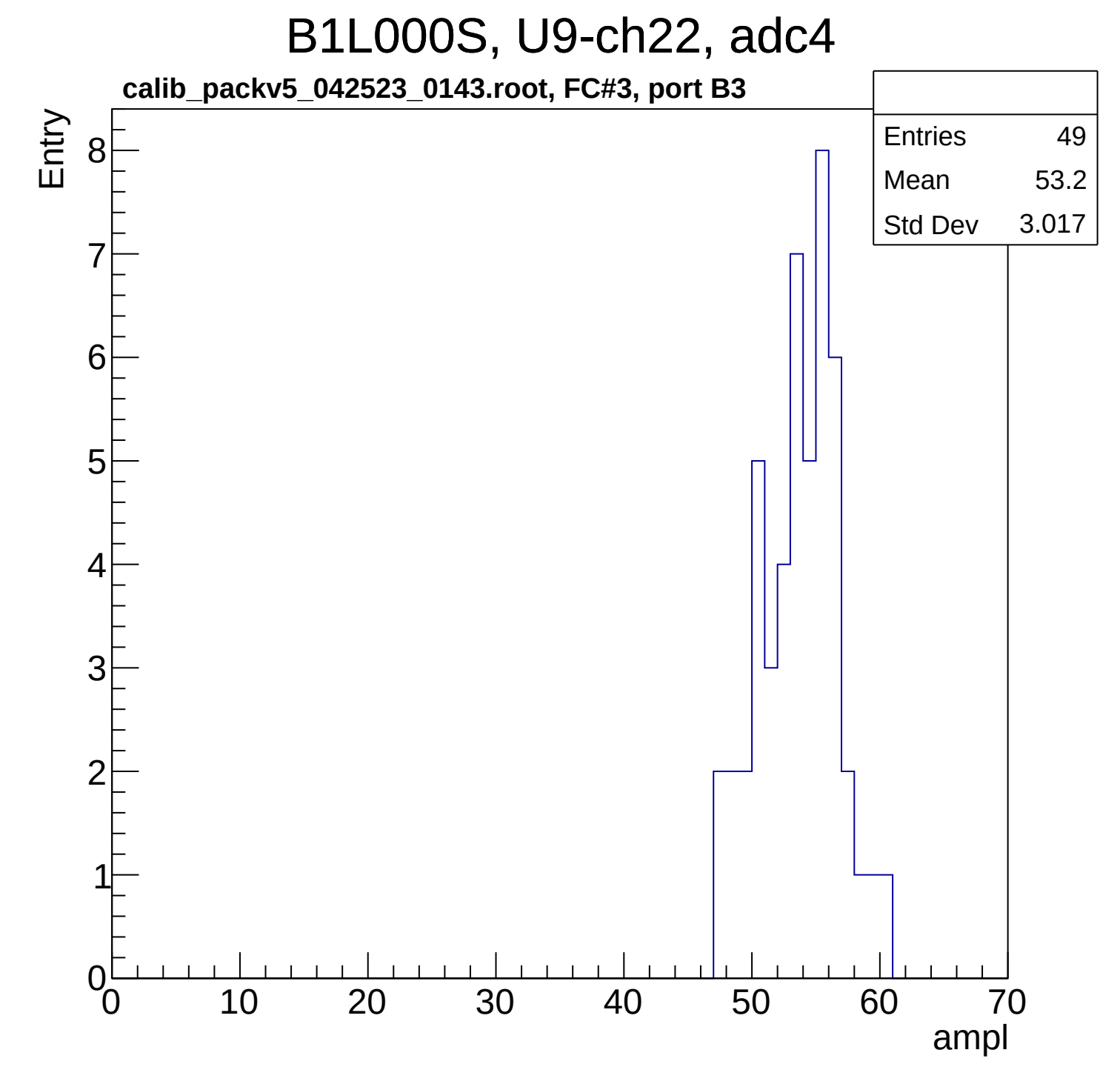
50
60
70
ampl


B1L000S, U9-ch22, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 53.2
Std Dev 3.017
Entry
ampl
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3
4
5
6
7
8
0
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40
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60
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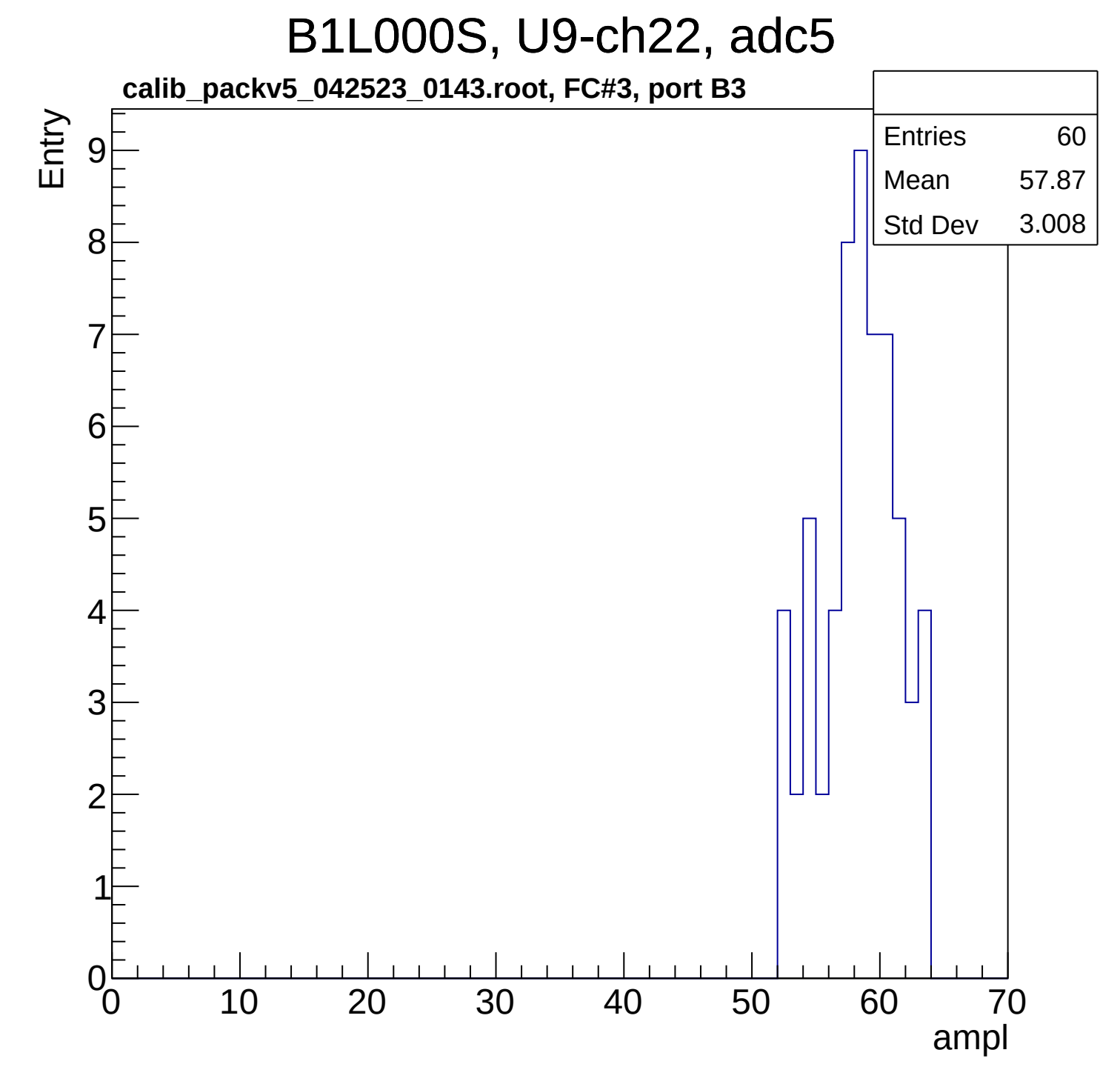
B1L000S, U9-ch22, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 57.87
Std Dev 3.008
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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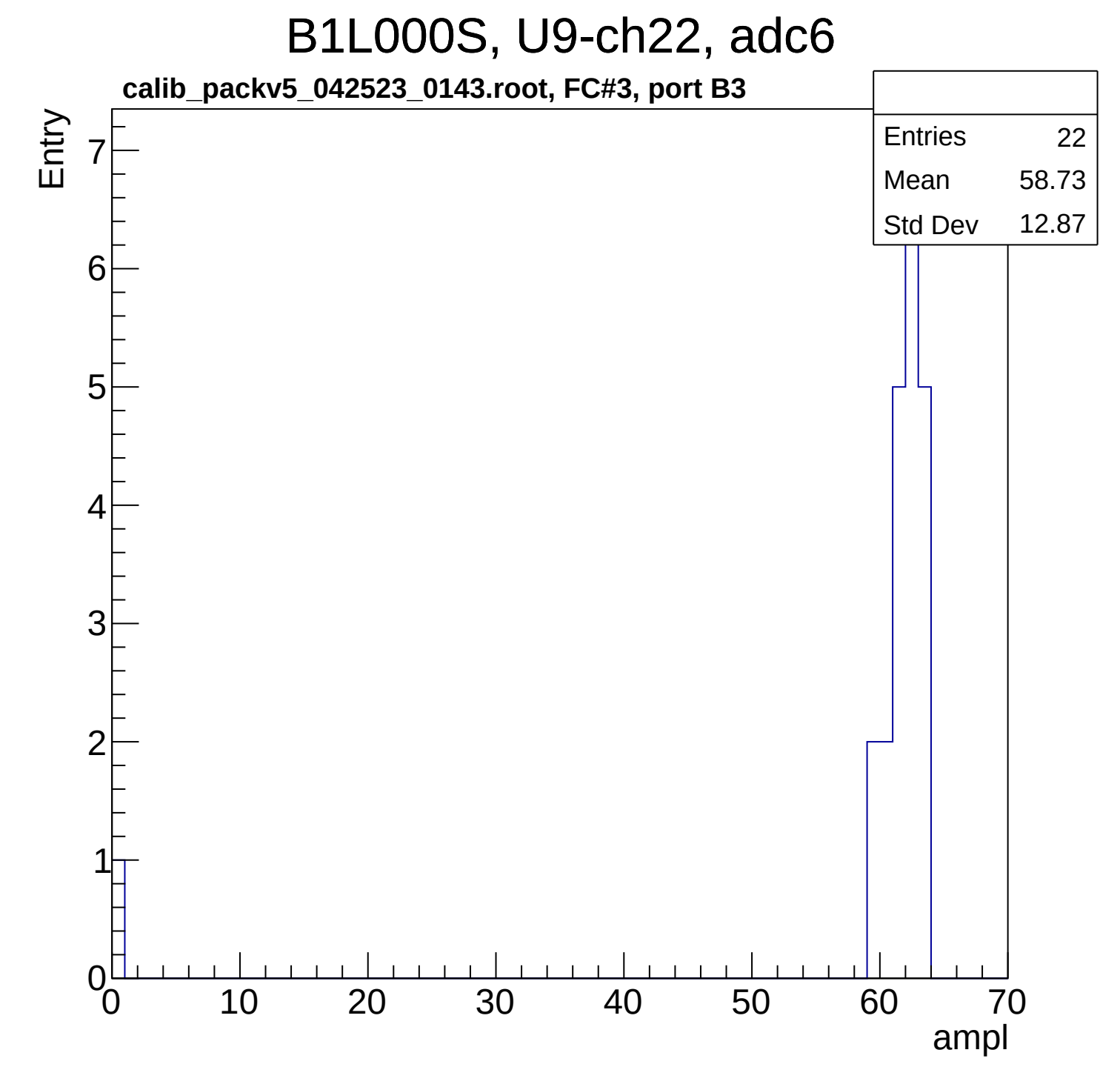
B1L000S, U9-ch22, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 58.73
Std Dev 12.87
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
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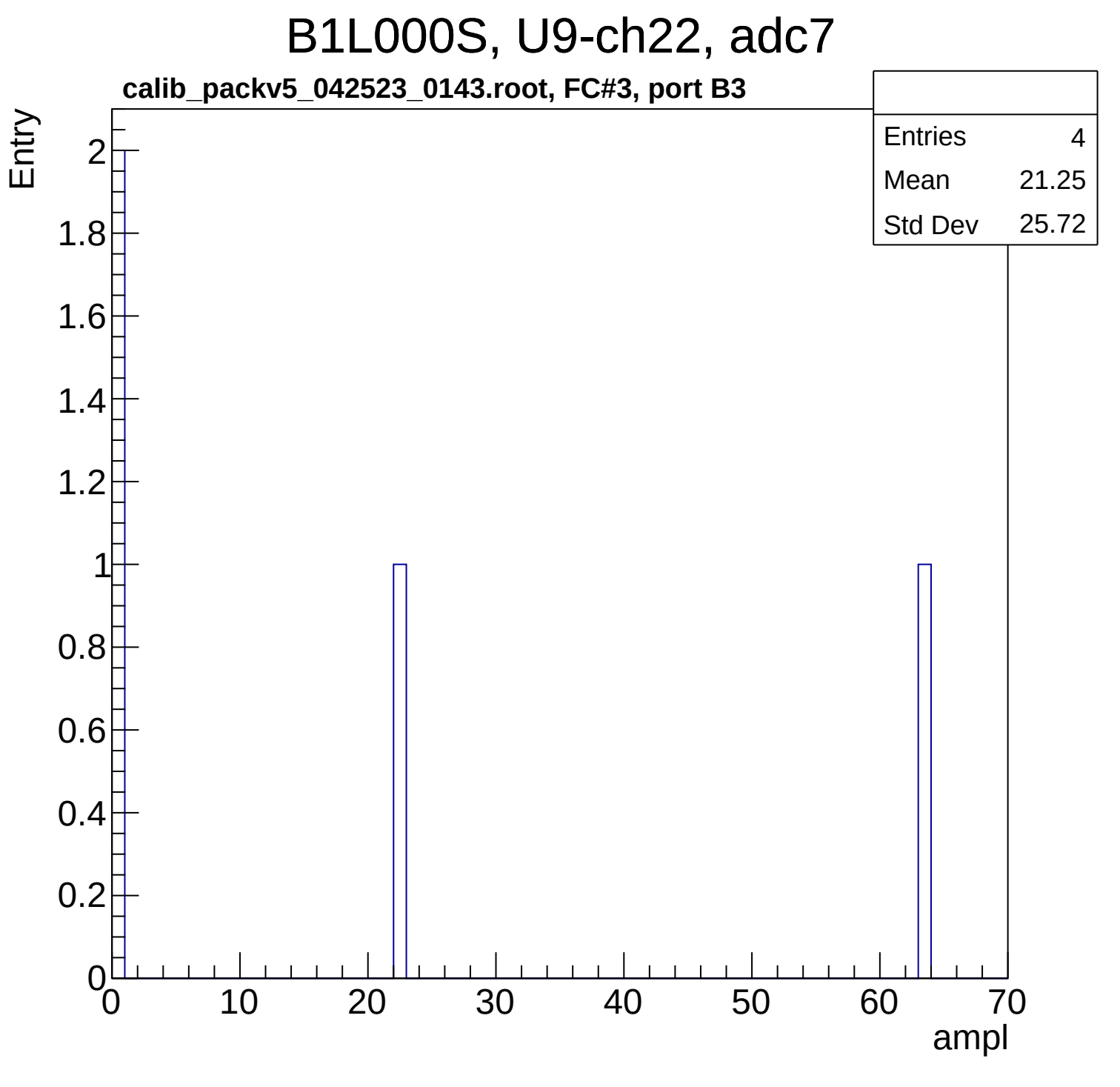
B1L000S, U9-ch22, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 21.25
Std Dev 25.72
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
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60
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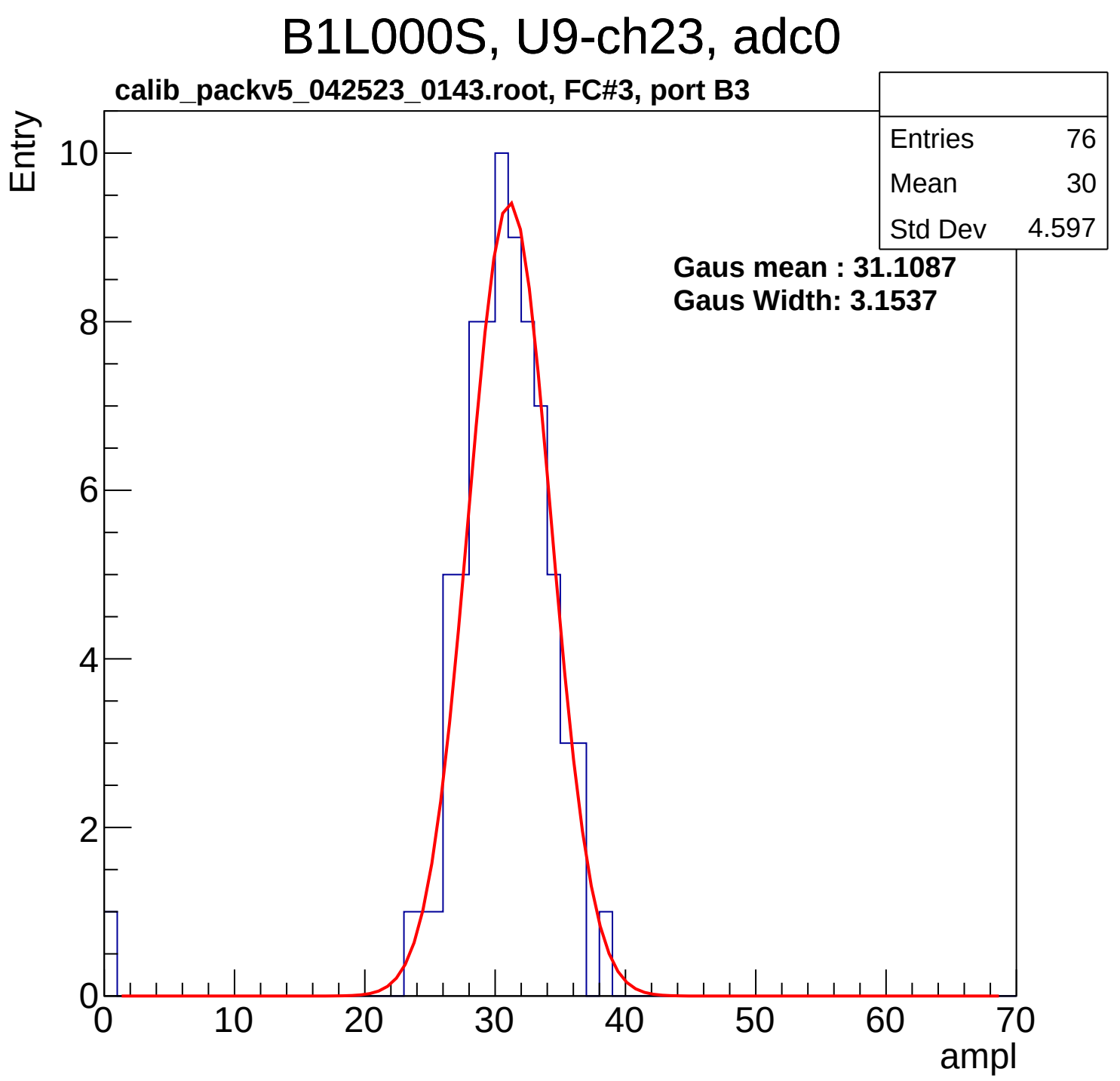
B1L000S, U9-ch23, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 30
Std Dev 4.597
Gaus mean : 31.1087
Gaus Width: 3.1537
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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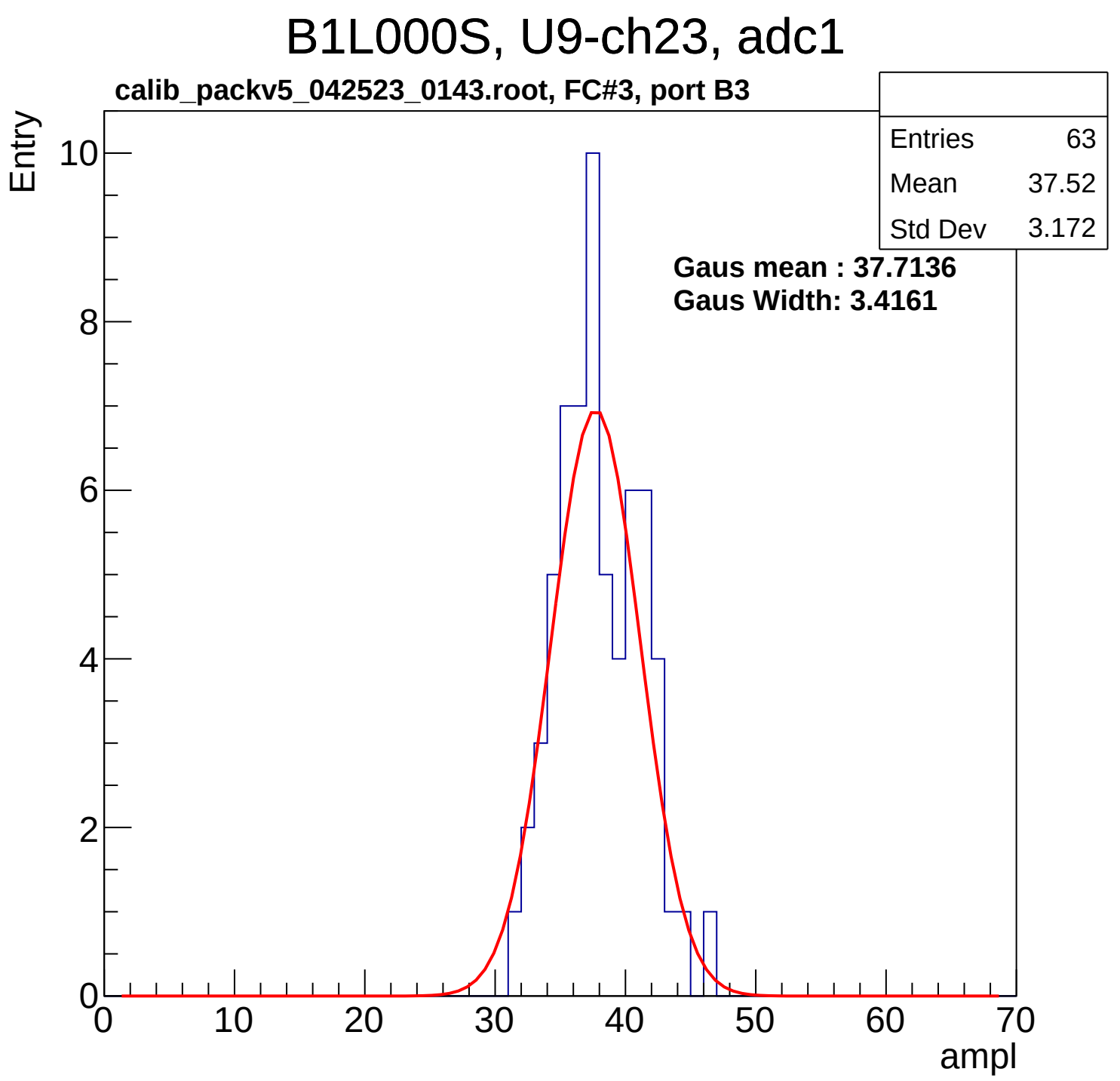
B1L000S, U9-ch23, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 37.52
Std Dev 3.172
Gaus mean : 37.7136
Gaus Width: 3.4161
Entry
ampl
0
2
4
6
8
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0
10
20
30
40
50
60
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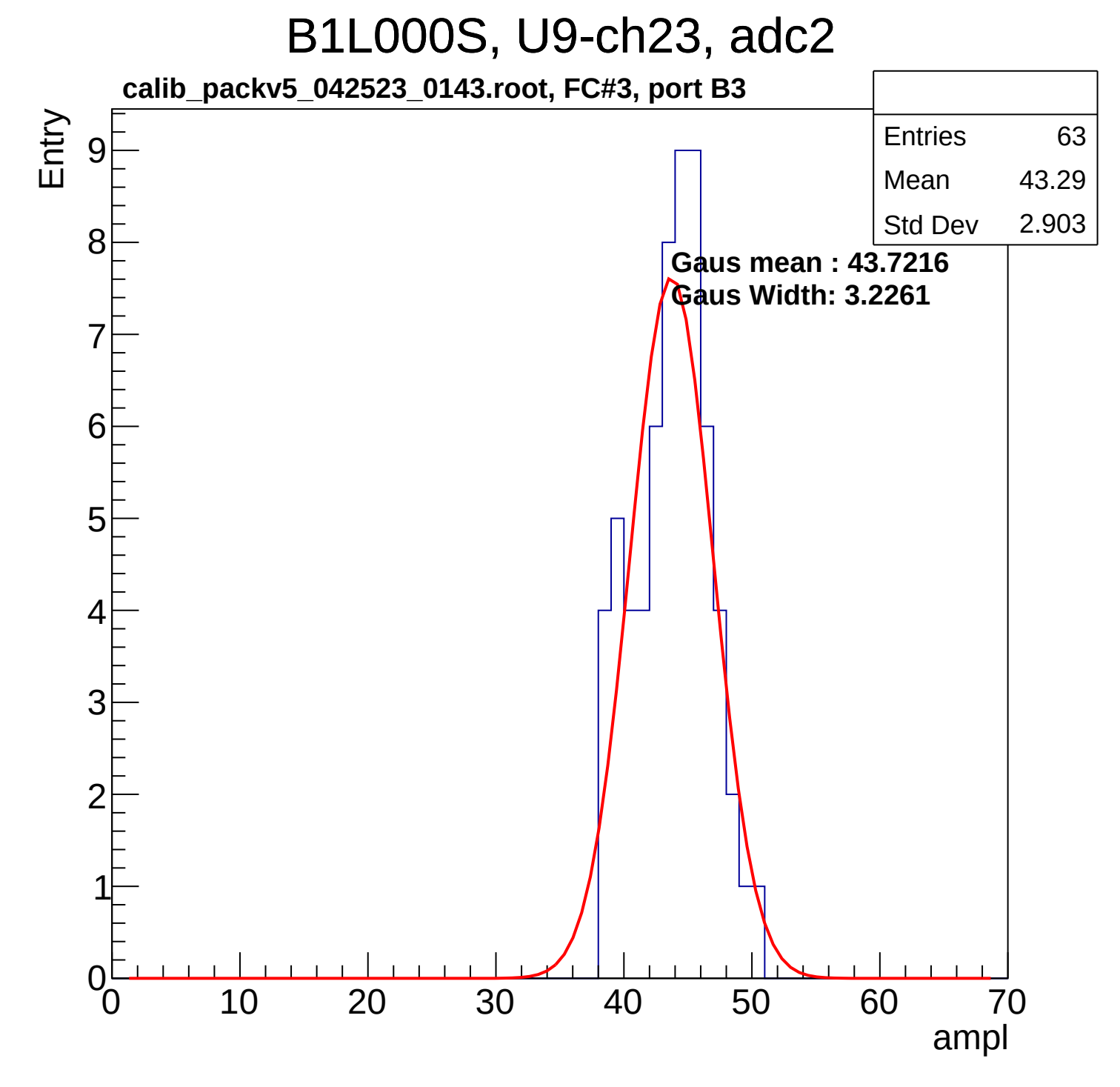
B1L000S, U9-ch23, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 43.29
Std Dev 2.903
Gaus mean : 43.7216
Gaus Width: 3.2261
Entry
ampl
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2
3
4
5
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0
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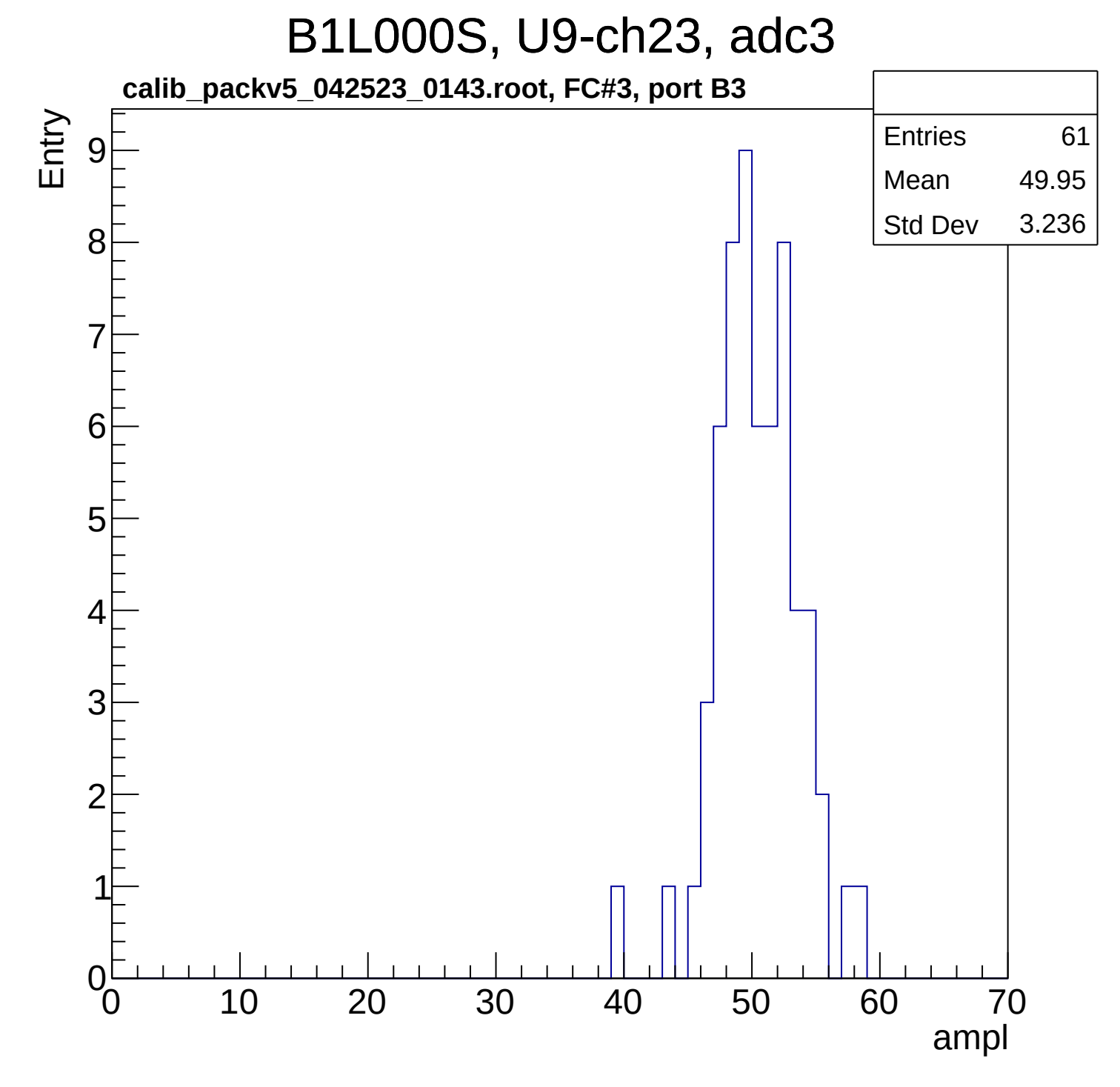
B1L000S, U9-ch23, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 49.95
Std Dev 3.236
Entry
ampl
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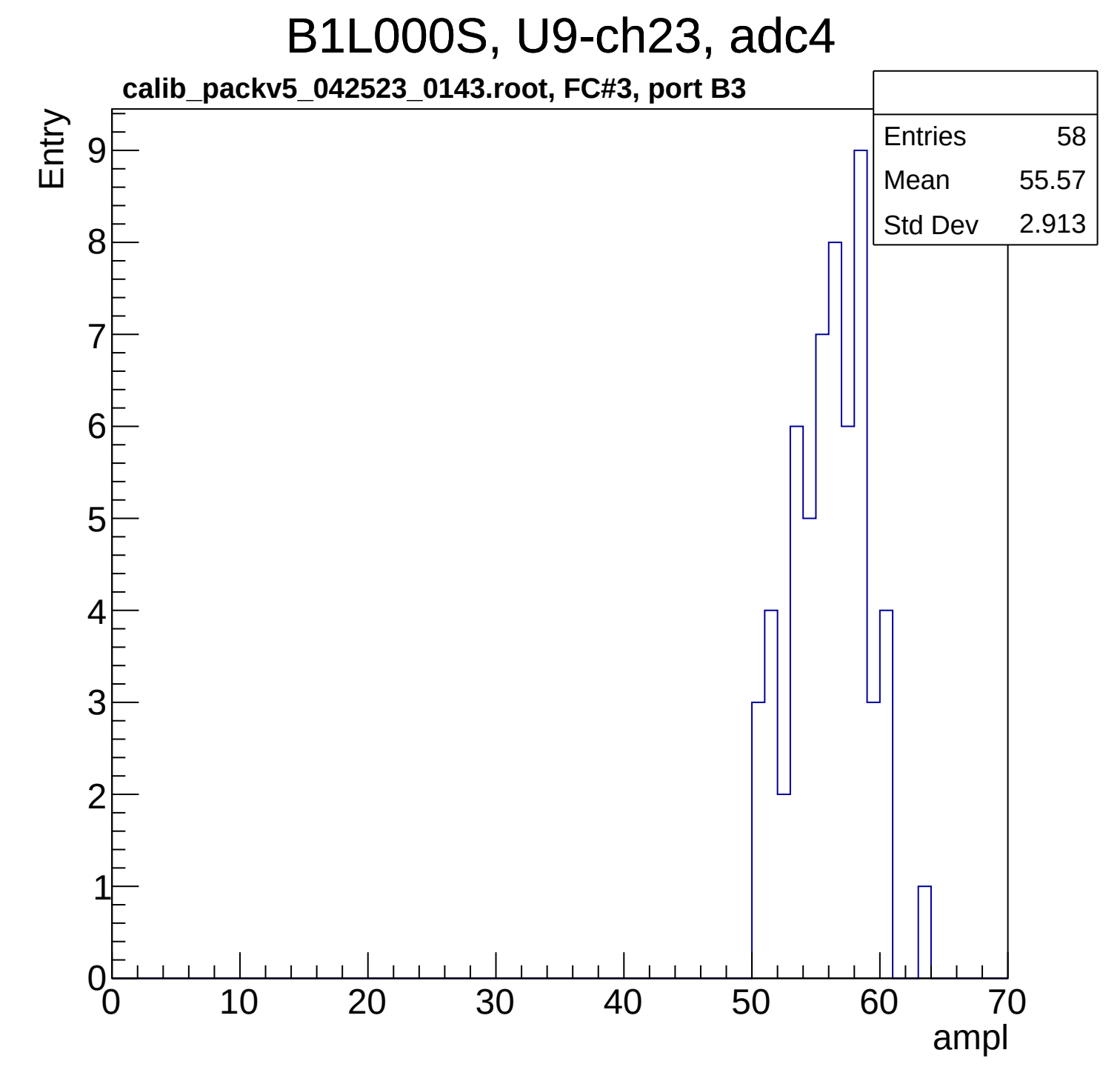
B1L000S, U9-ch23, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 55.57
Std Dev 2.913
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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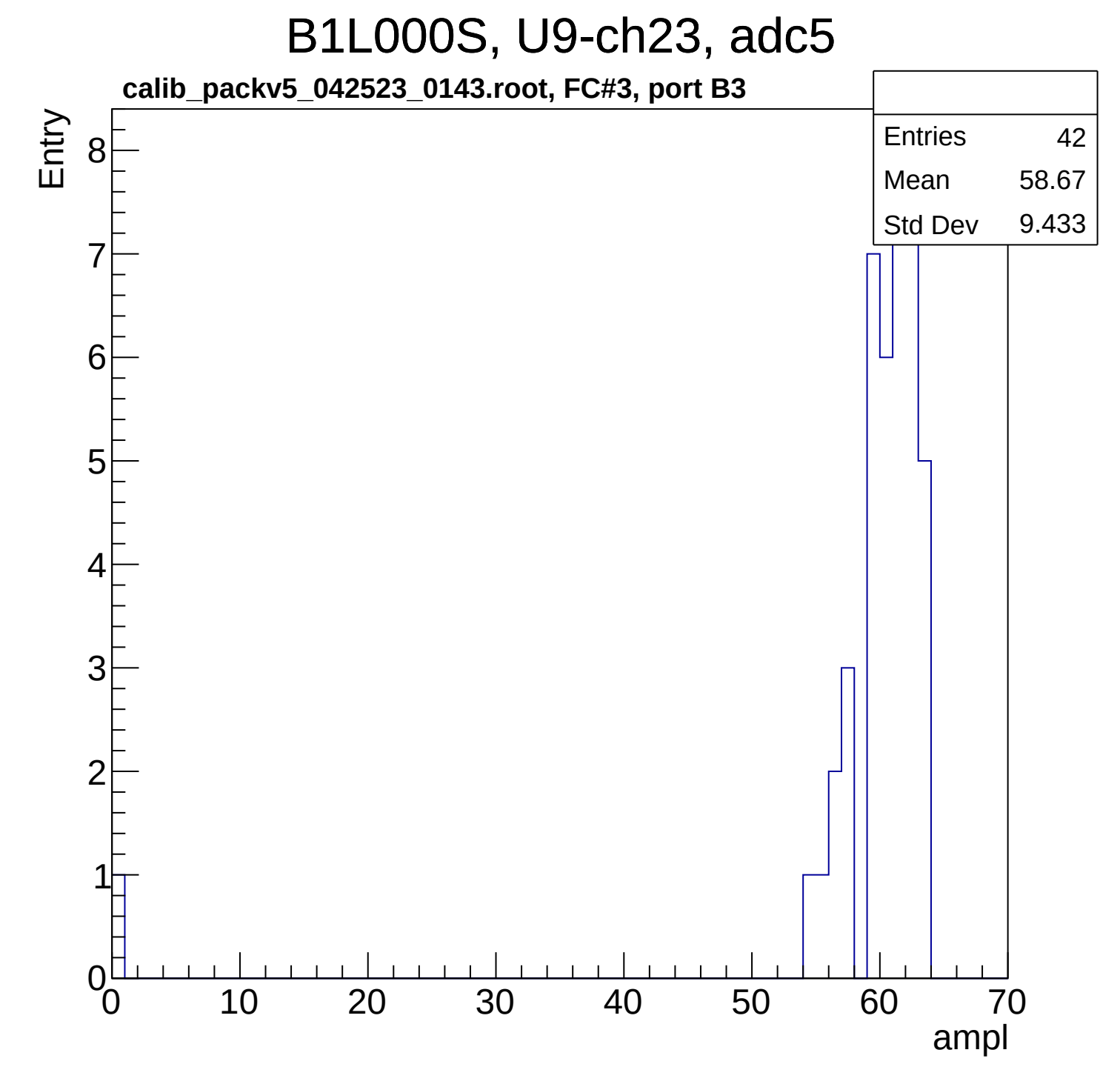
B1L000S, U9-ch23, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 58.67
Std Dev 9.433
Entry
ampl
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1
2
3
4
5
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0
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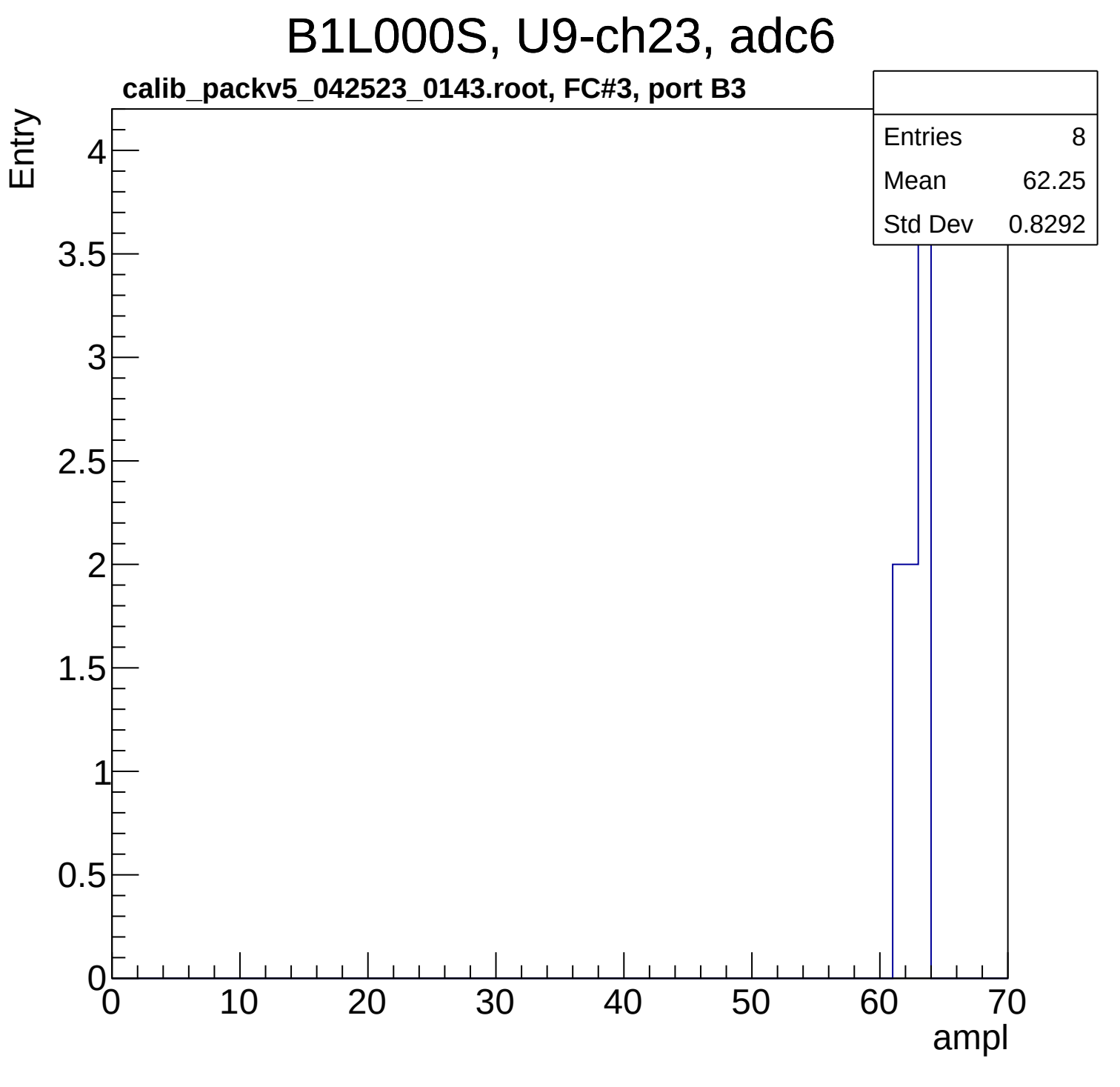
B1L000S, U9-ch23, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.25
Std Dev 0.8292
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
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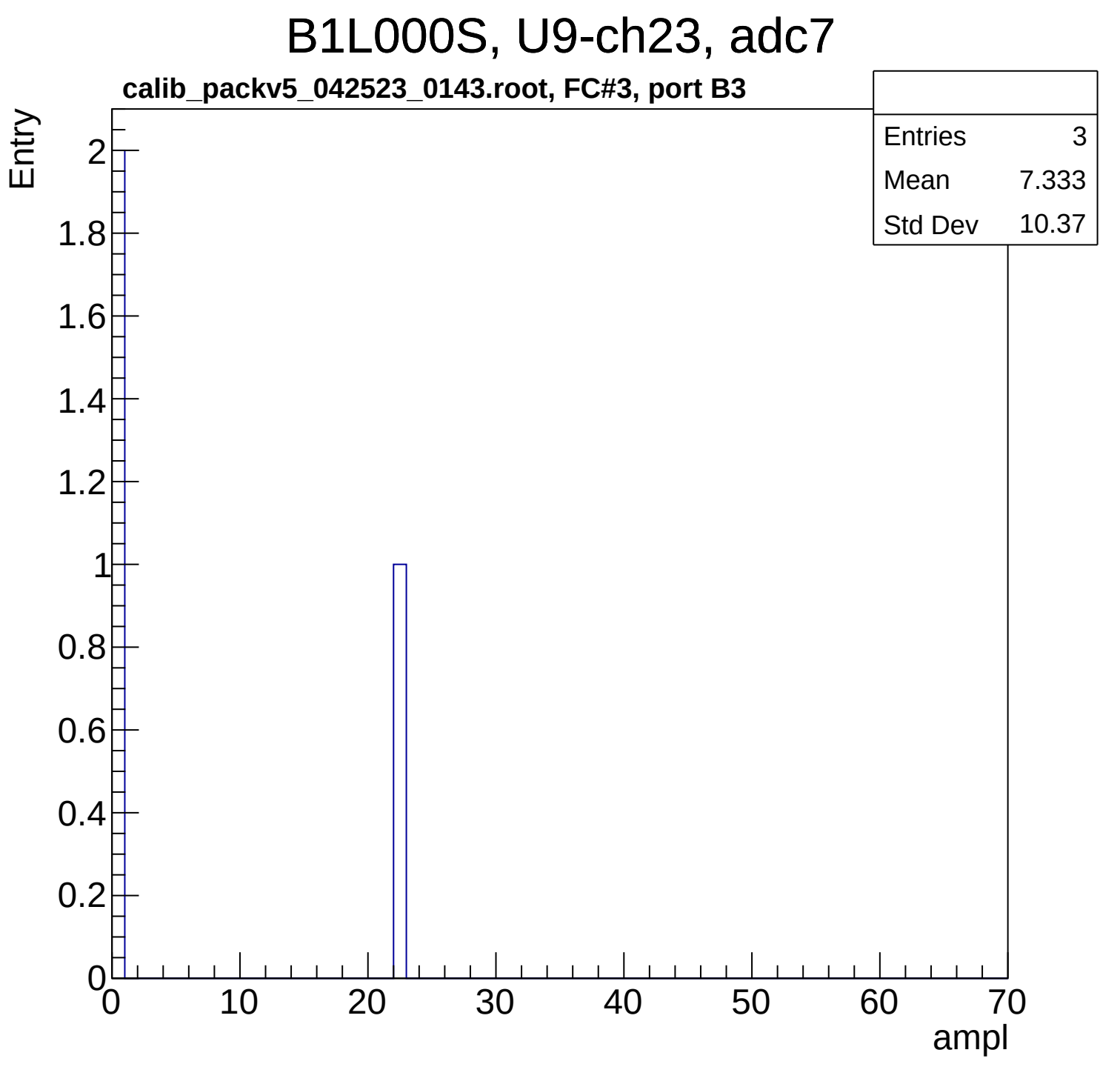
B1L000S, U9-ch23, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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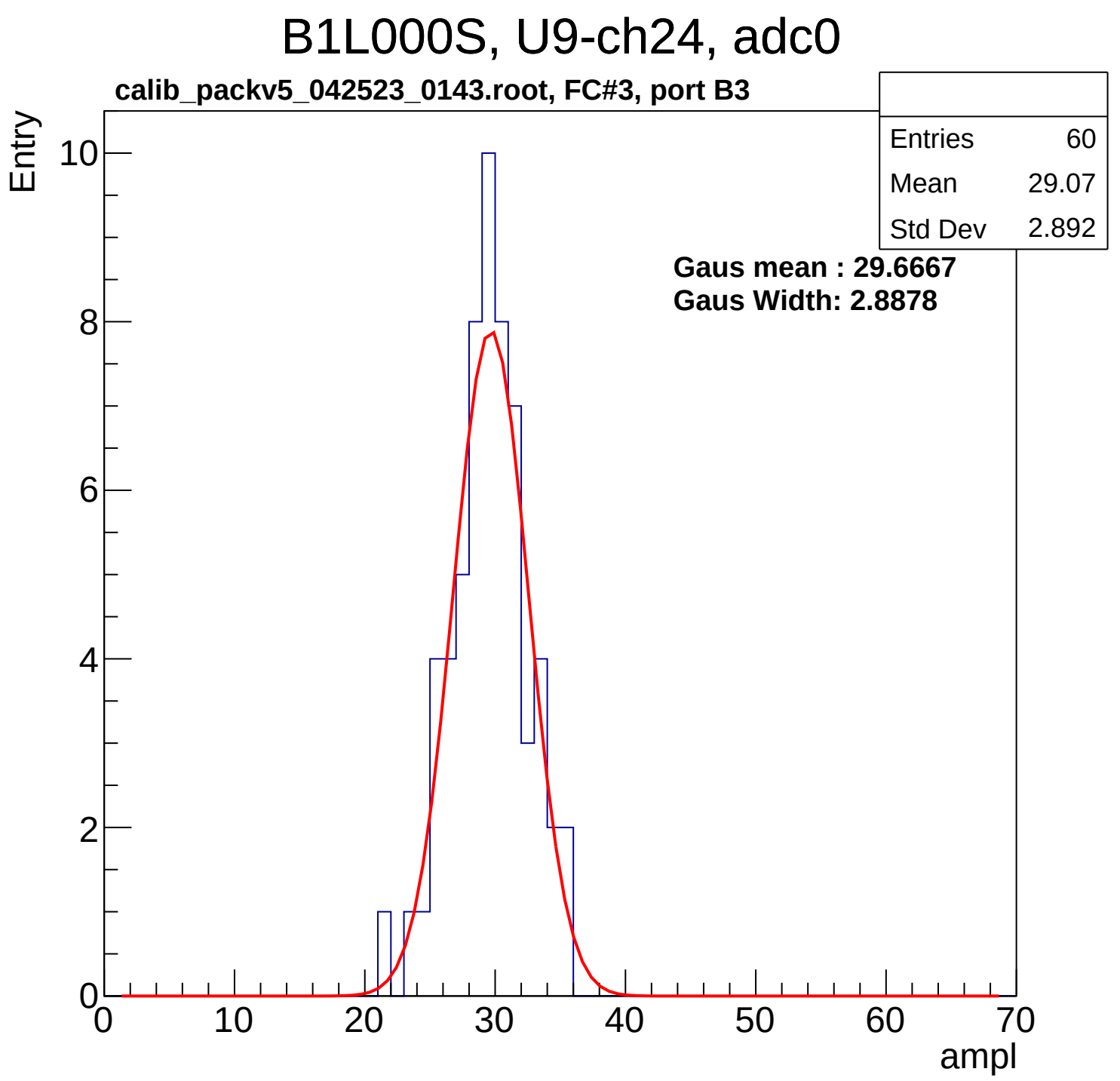
B1L000S, U9-ch24, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 29.07
Std Dev 2.892
Gaus mean : 29.6667
Gaus Width: 2.8878
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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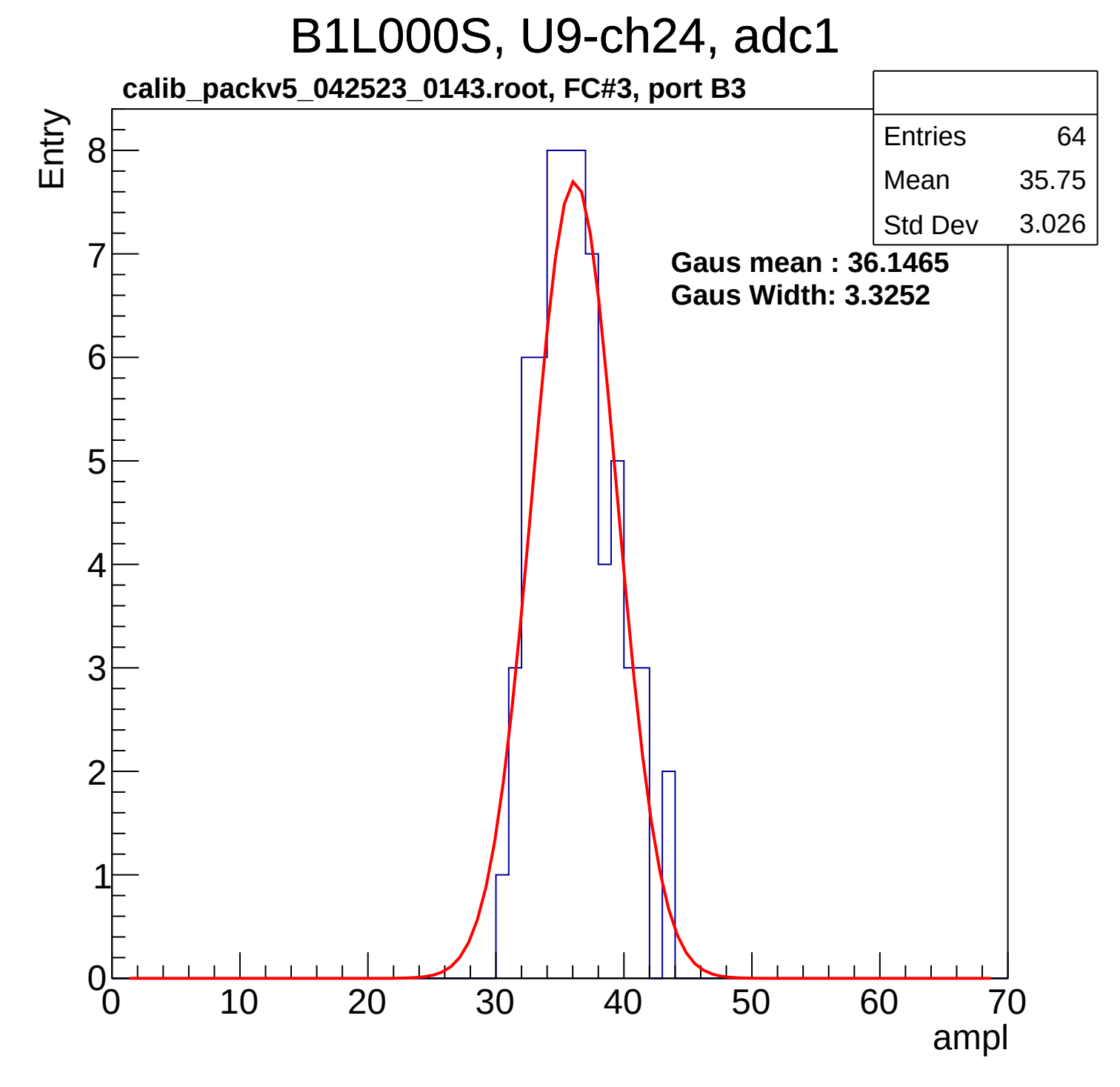
B1L000S, U9-ch24, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.75
Std Dev 3.026
Gaus mean : 36.1465
Gaus Width: 3.3252
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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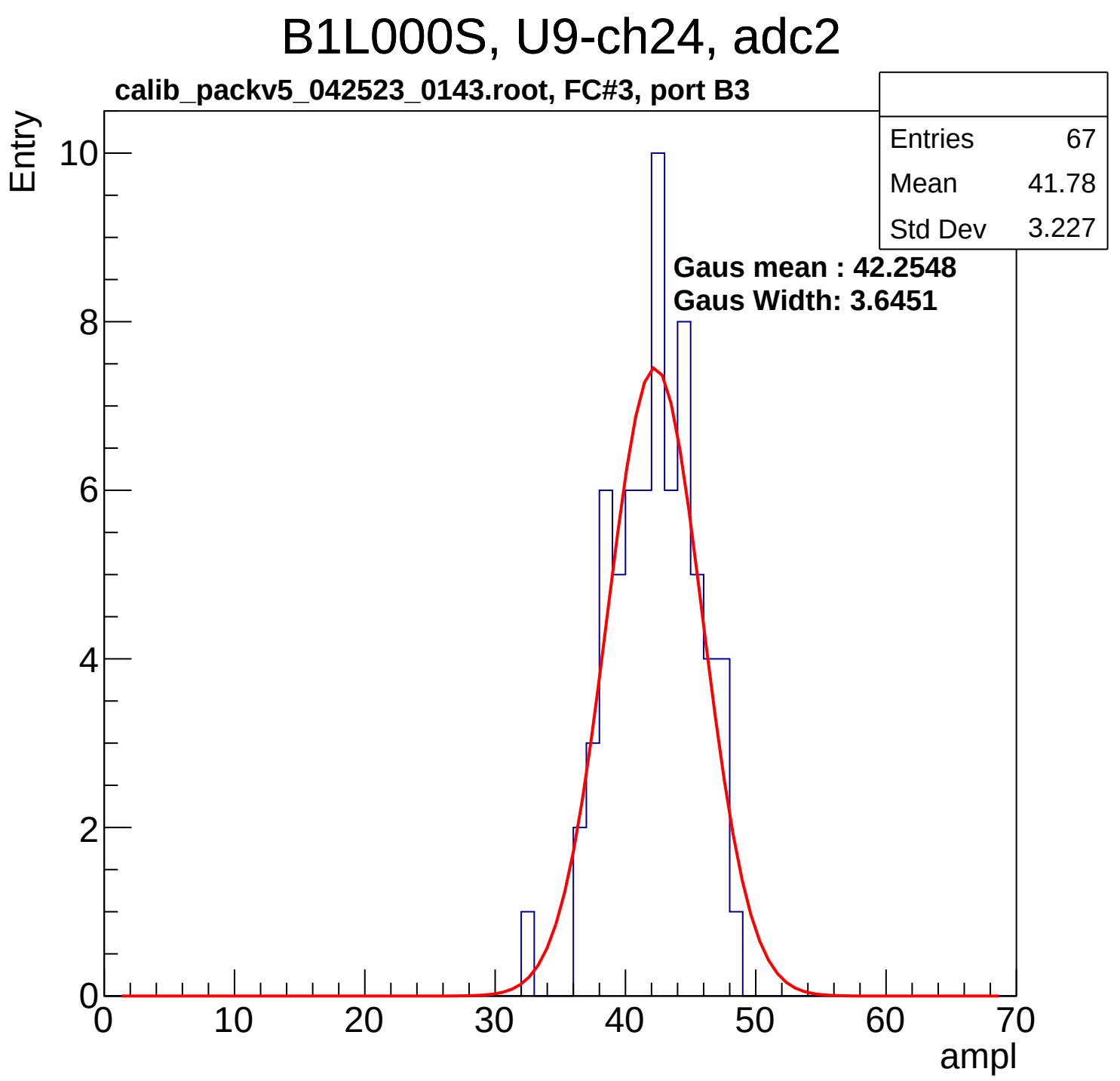
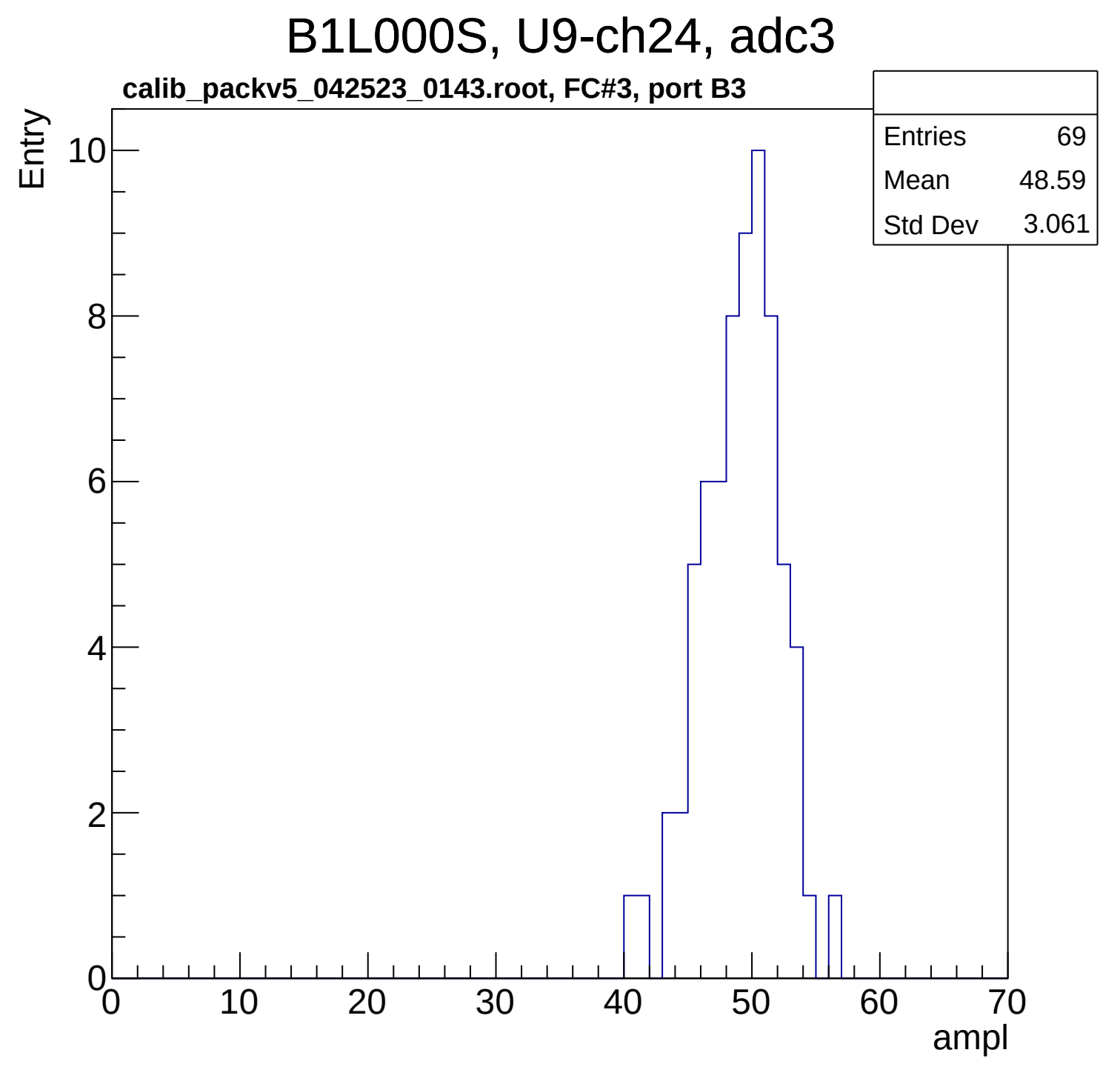

B1L000S, U9-ch24, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41.78
Std Dev 3.227
Gaus mean : 42.2548
Gaus Width: 3.6451
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch24, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.59
Std Dev 3.061
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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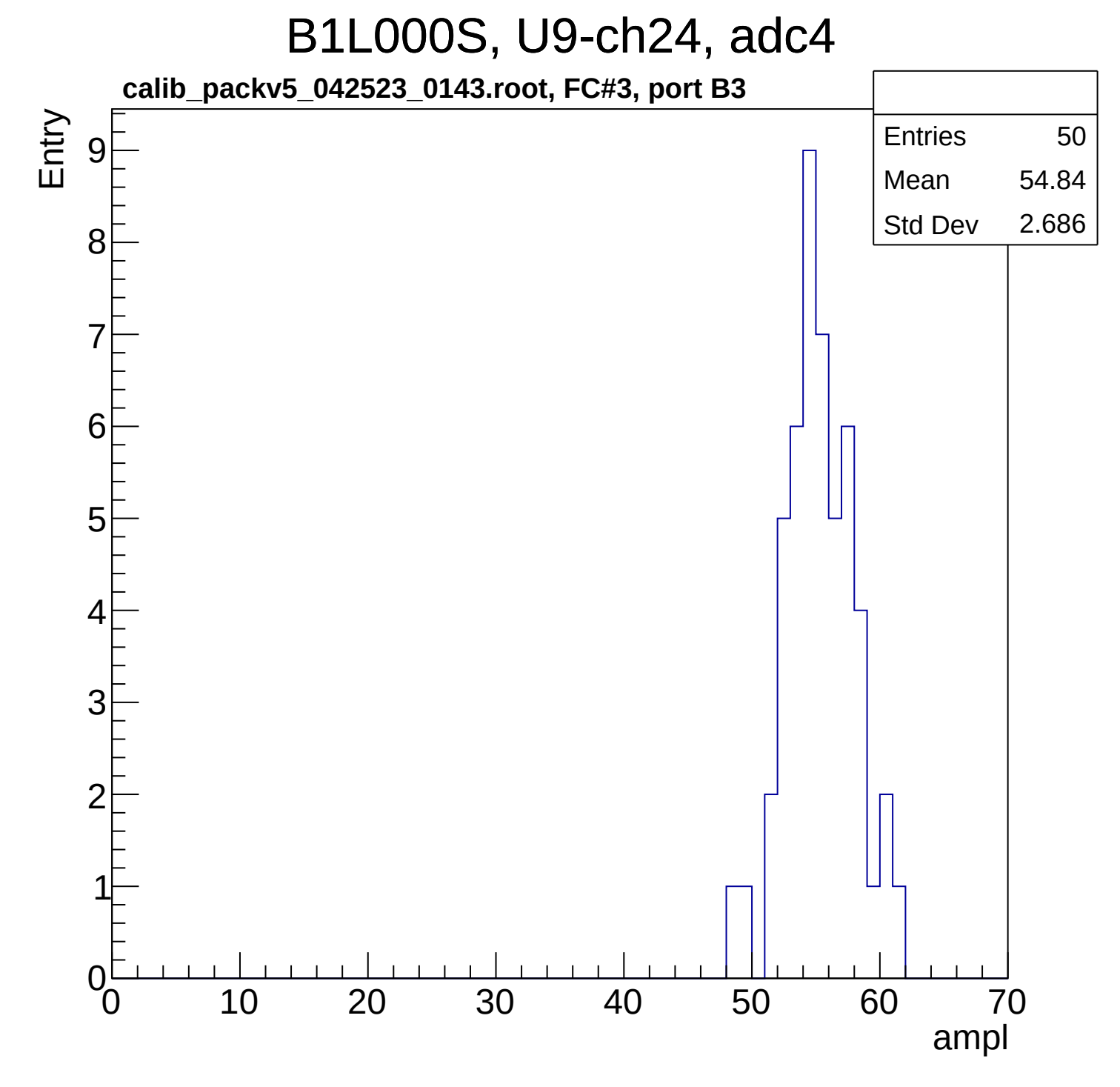
B1L000S, U9-ch24, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 54.84
Std Dev 2.686
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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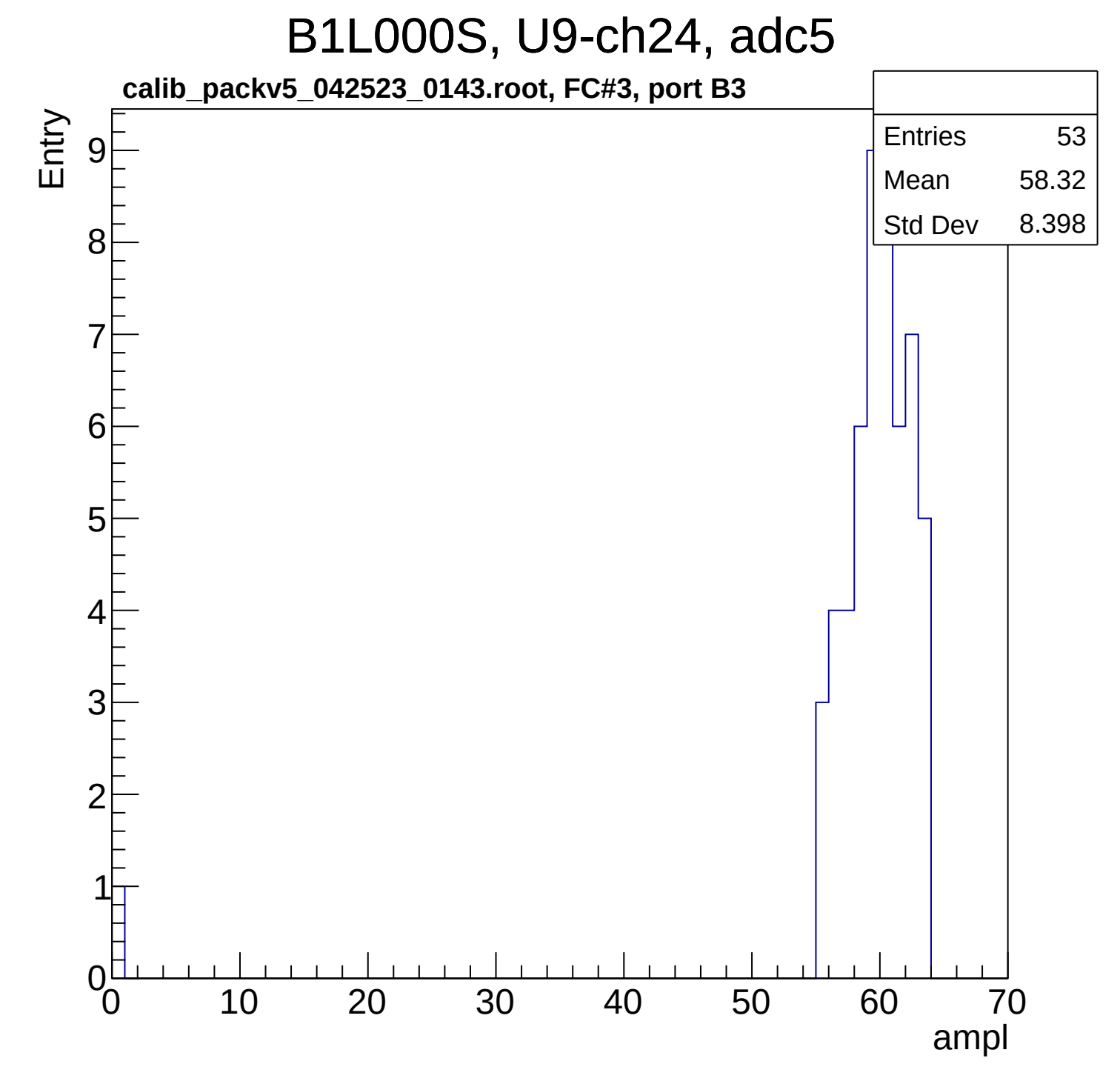
B1L000S, U9-ch24, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.32
Std Dev 8.398
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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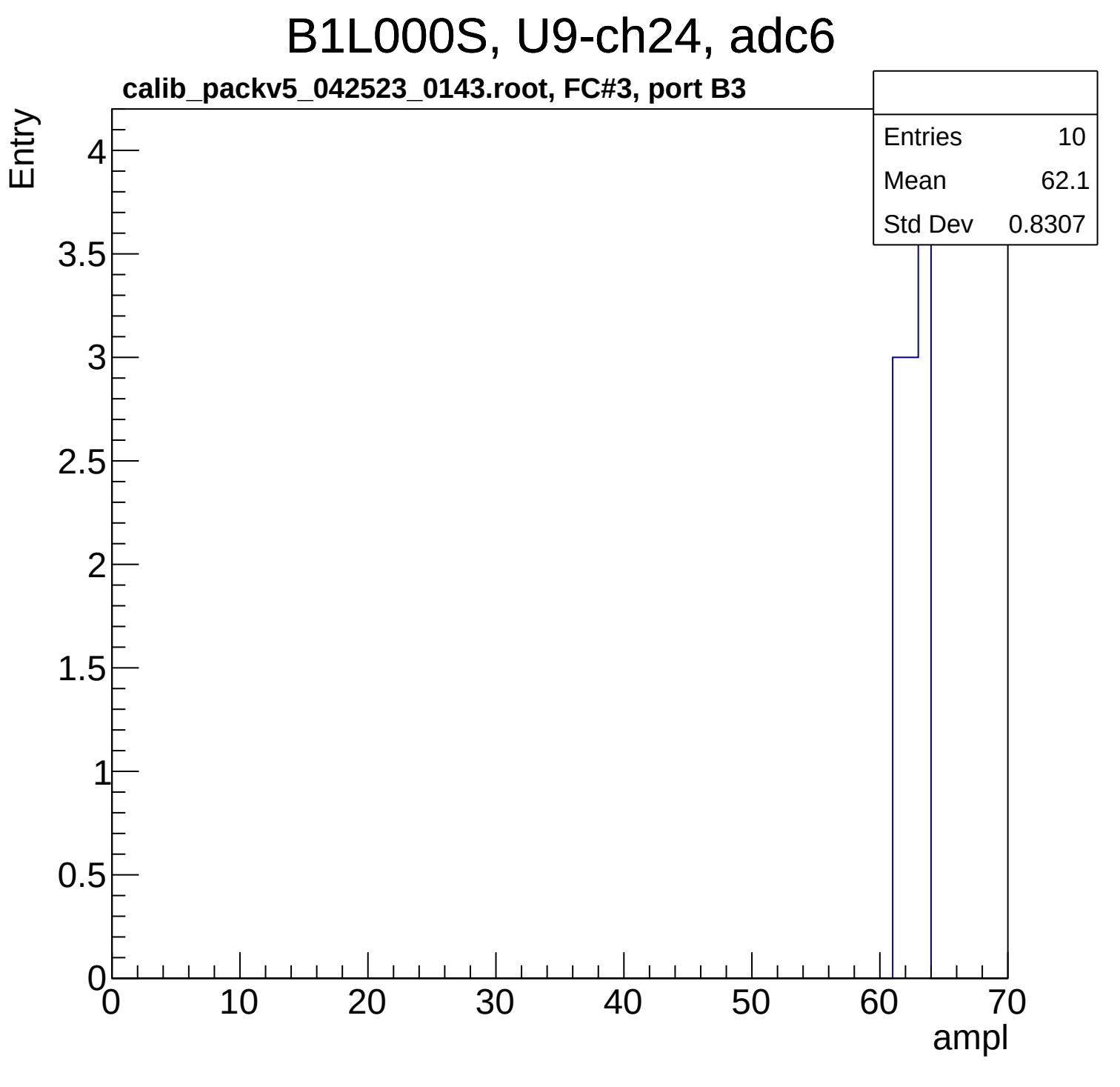
B1L000S, U9-ch24, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 62.1
Std Dev 0.8307
Entry
ampl
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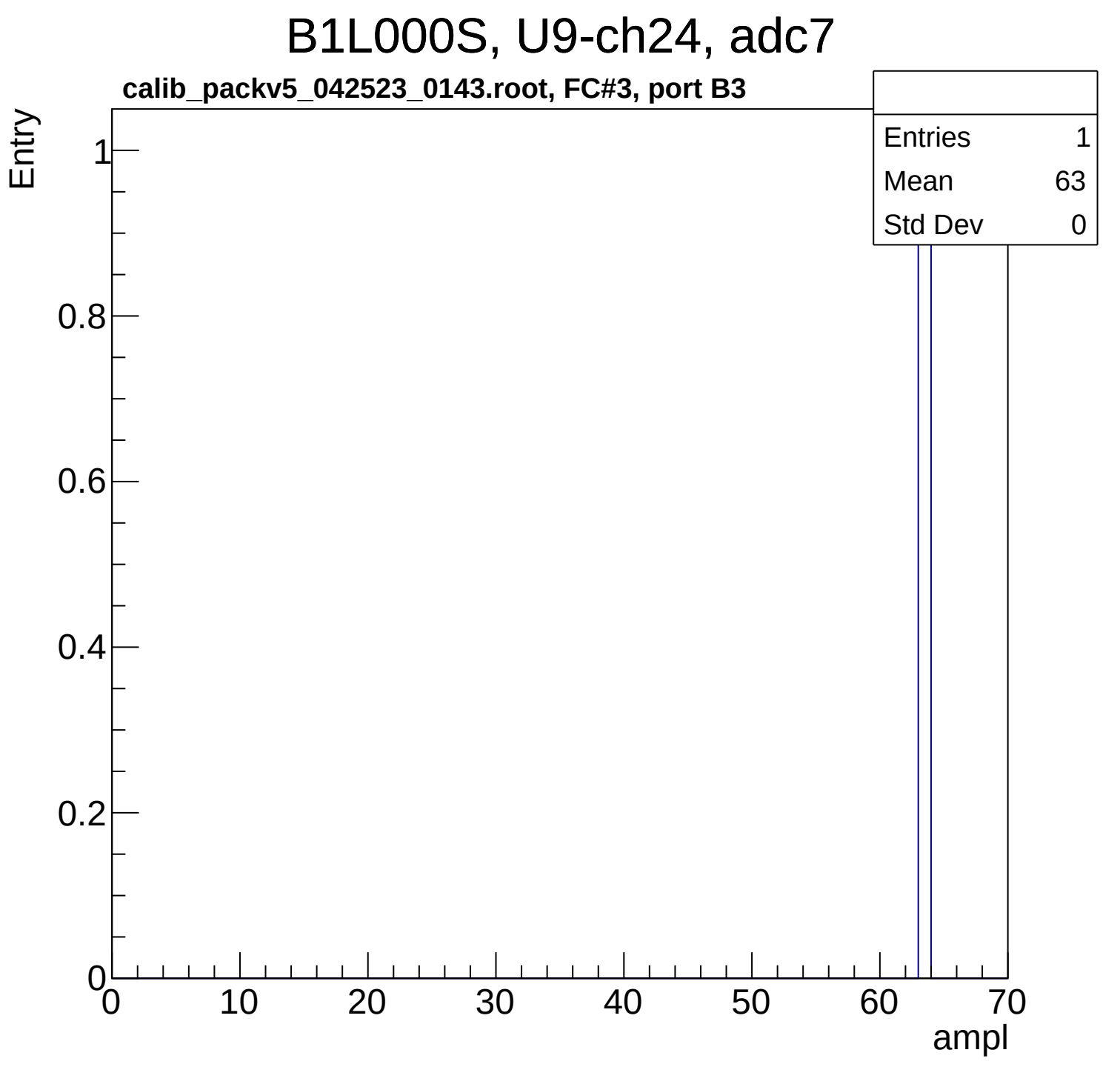
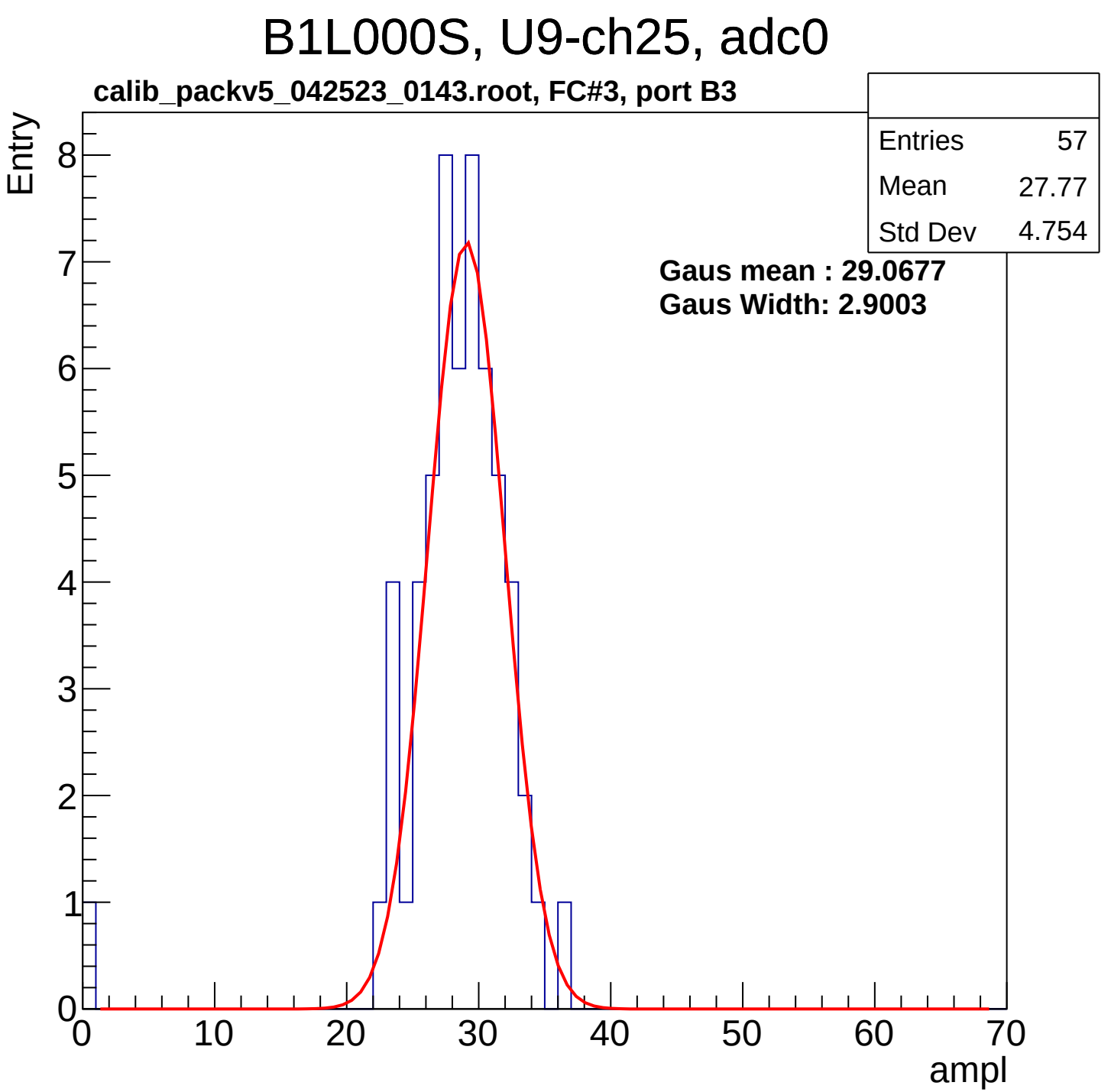
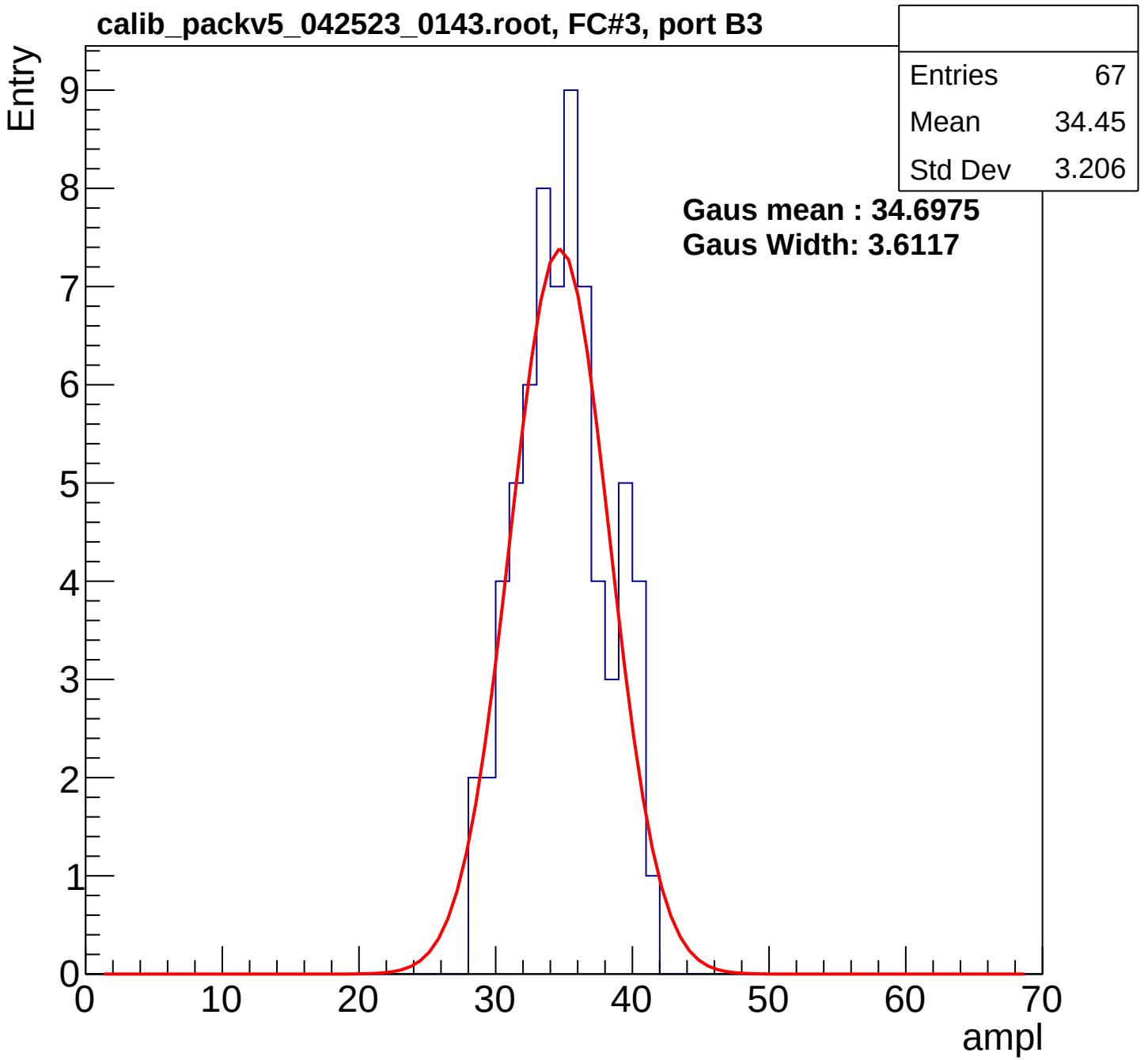
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U9-ch24, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch25, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 27.77
Std Dev 4.754
Gaus mean : 29.0677
Gaus Width: 2.9003
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch25, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 34.45
Std Dev 3.206
Gaus mean : 34.6975
Gaus Width: 3.6117
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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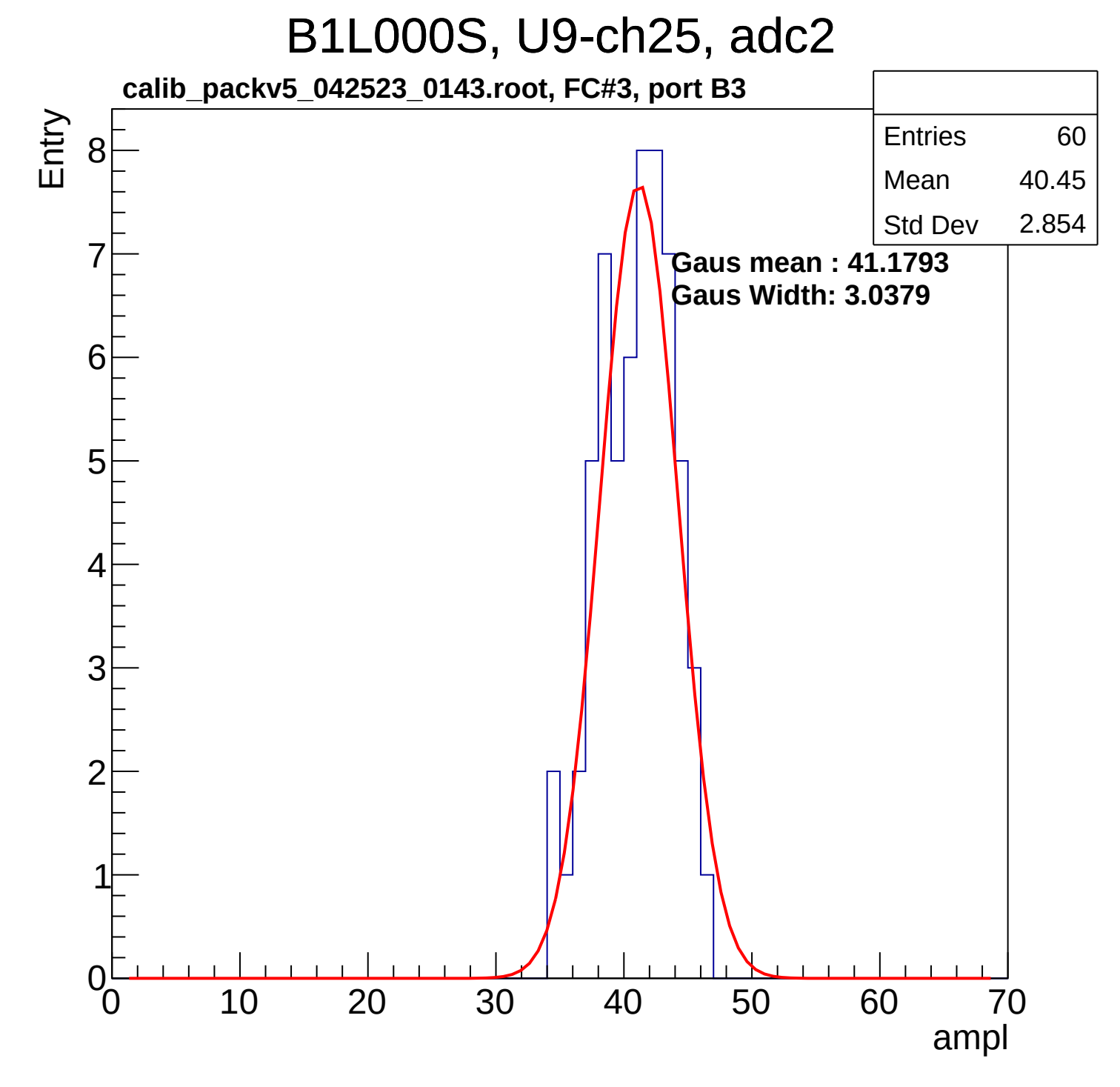
B1L000S, U9-ch25, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 40.45
Std Dev 2.854
Gaus mean : 41.1793
Gaus Width: 3.0379
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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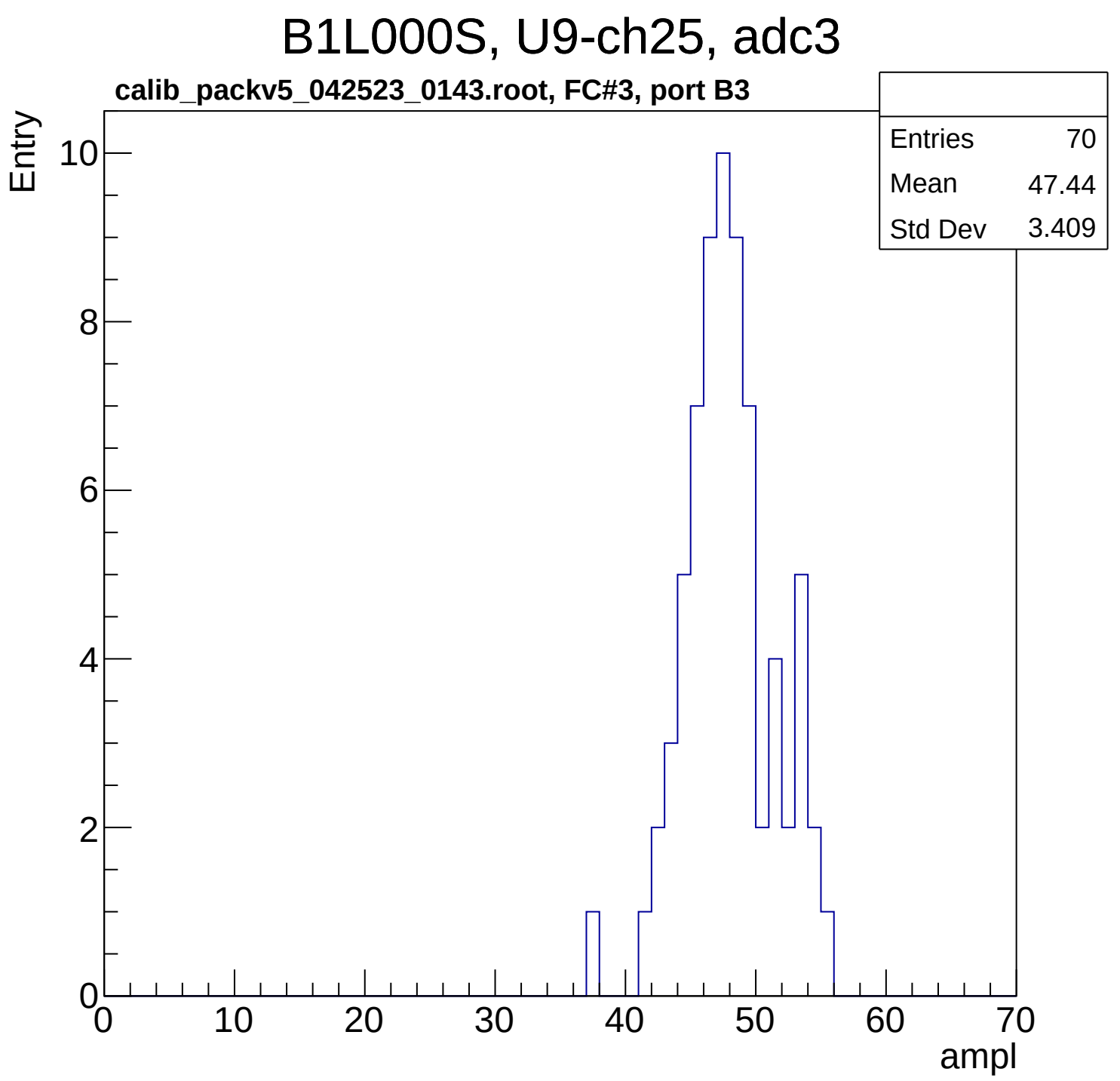
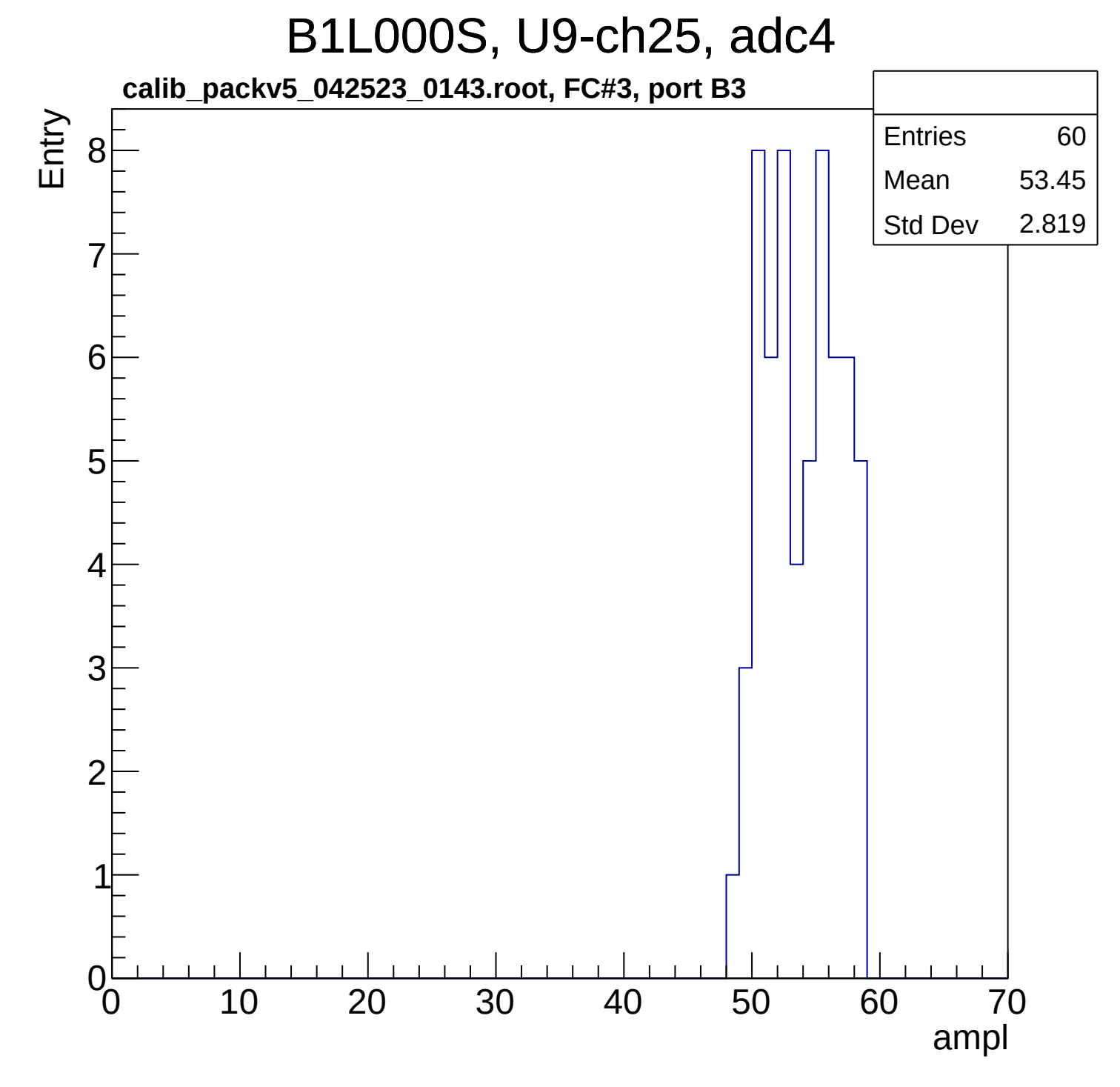
40
50
60
70


B1L000S, U9-ch25, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.44
Std Dev 3.409
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch25, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 53.45
Std Dev 2.819
Entry
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2
3
4
5
6
7
8
0
10
20
30
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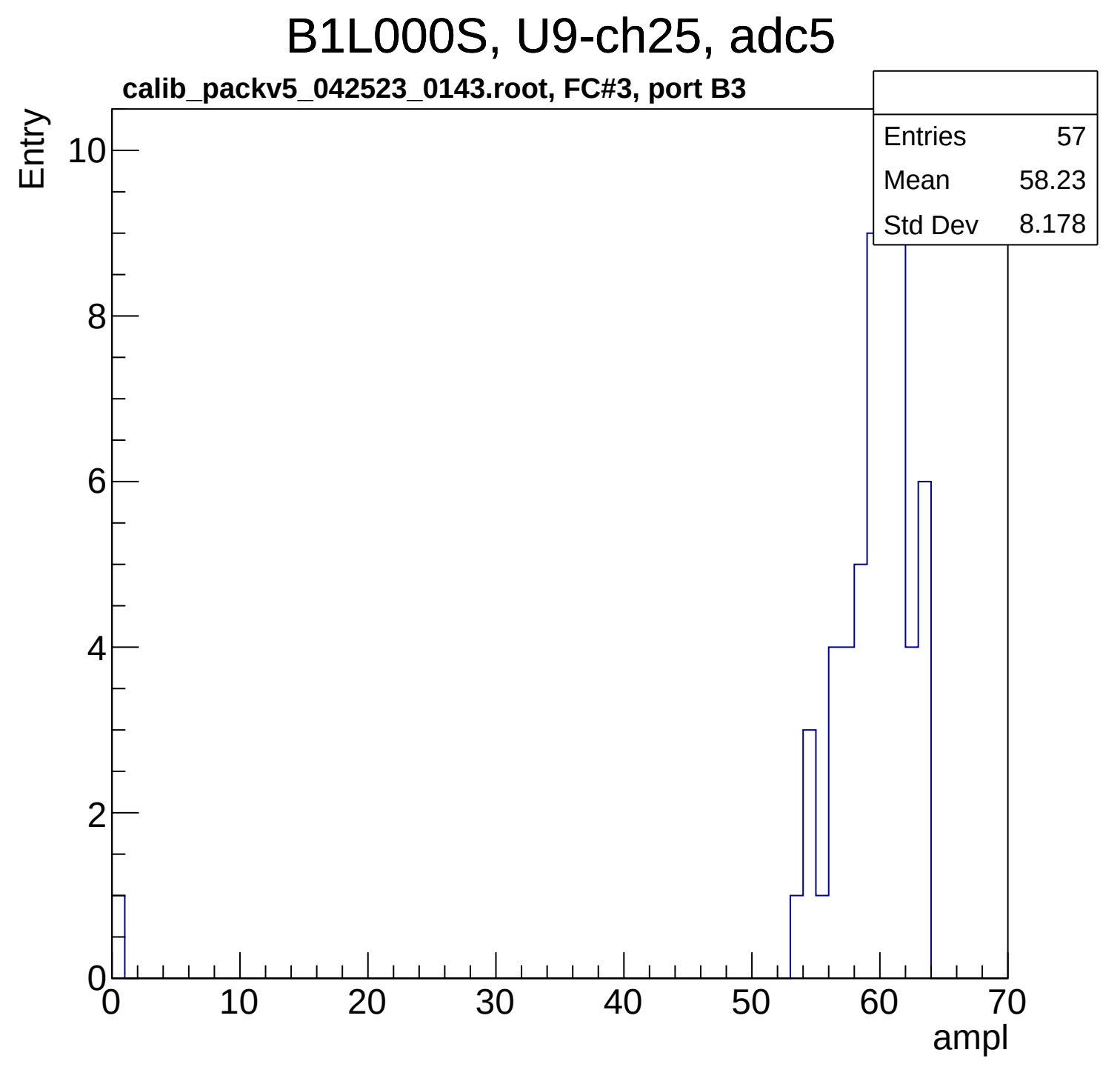
50
60
70
ampl


B1L000S, U9-ch25, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.23
Std Dev 8.178
Entry
ampl
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2
4
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0
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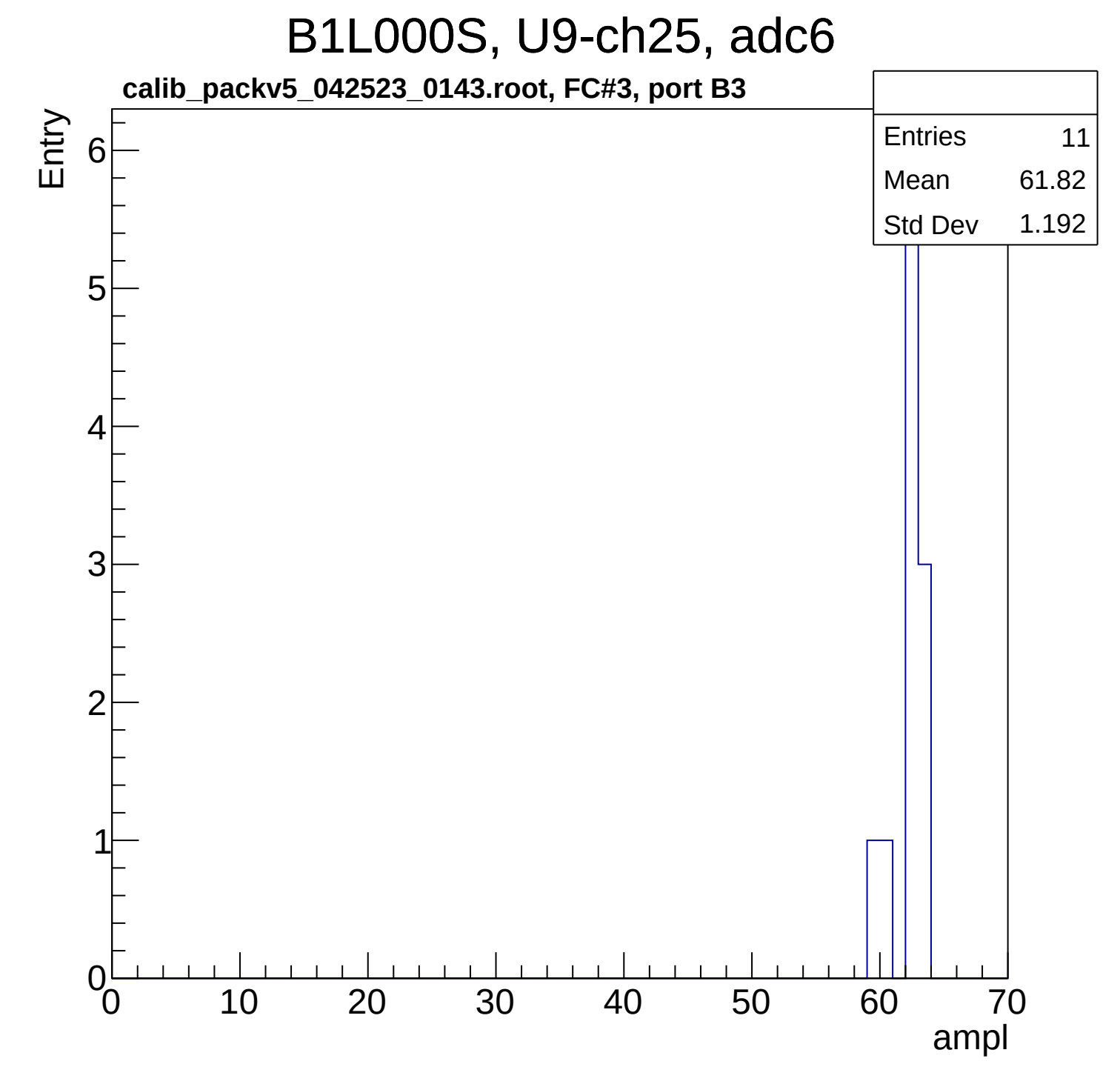
B1L000S, U9-ch25, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.82
Std Dev 1.192
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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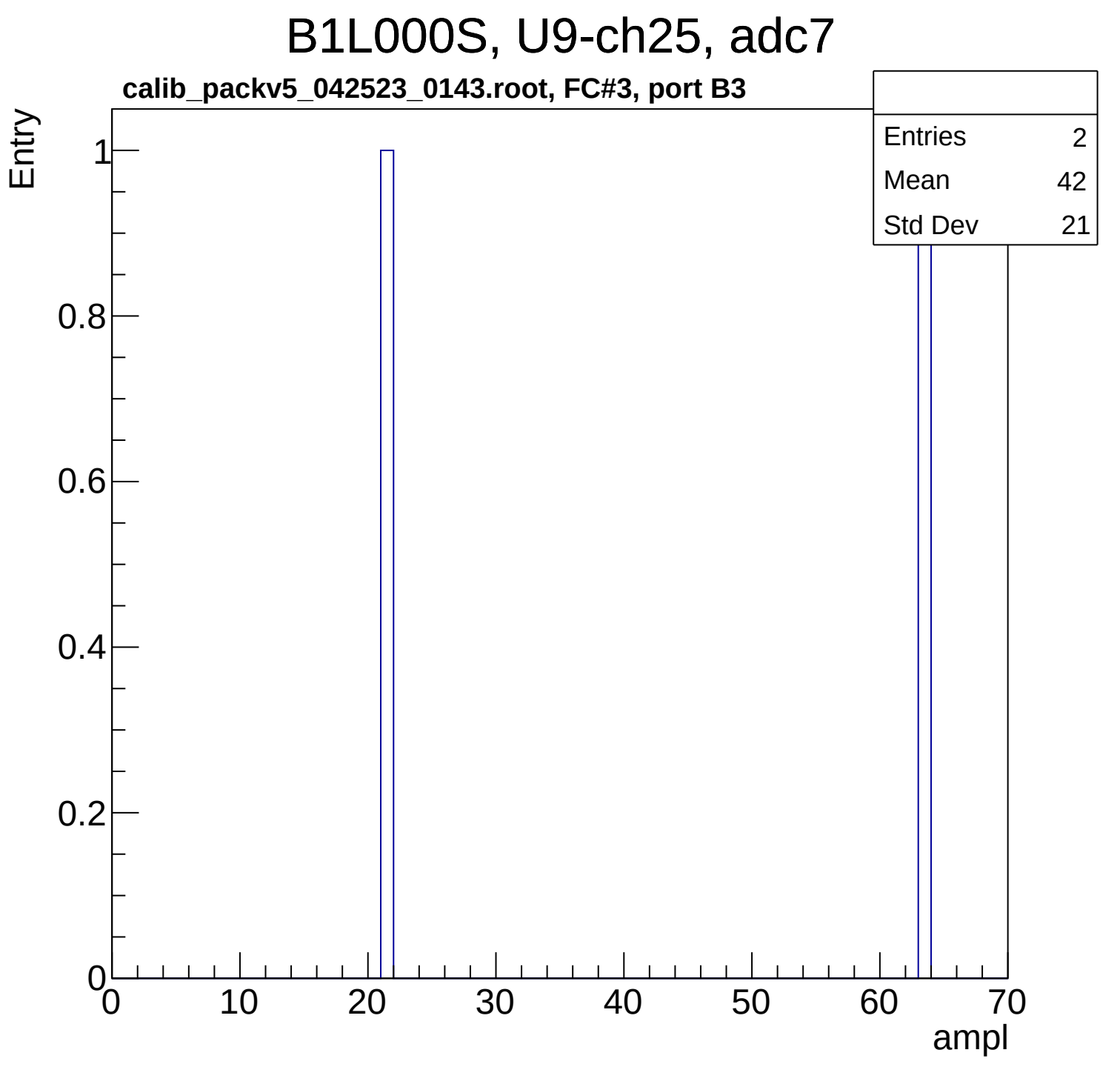
40
50
60
70


B1L000S, U9-ch25, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42
Std Dev 21
Entry
ampl
0
0.2
0.4
0.6
0.8
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0
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40
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60
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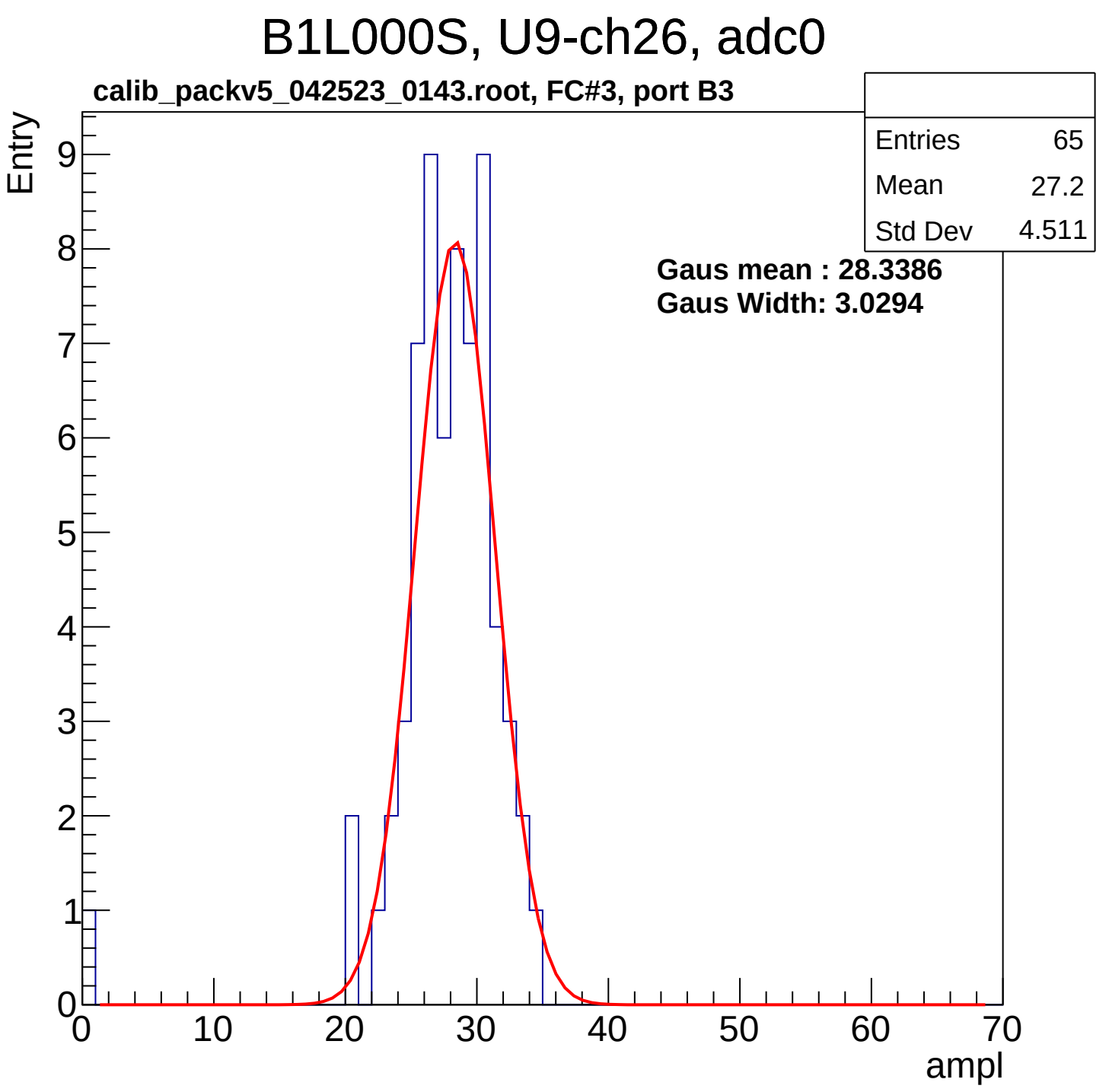
B1L000S, U9-ch26, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 27.2
Std Dev 4.511
Gaus mean : 28.3386
Gaus Width: 3.0294
Entry
ampl
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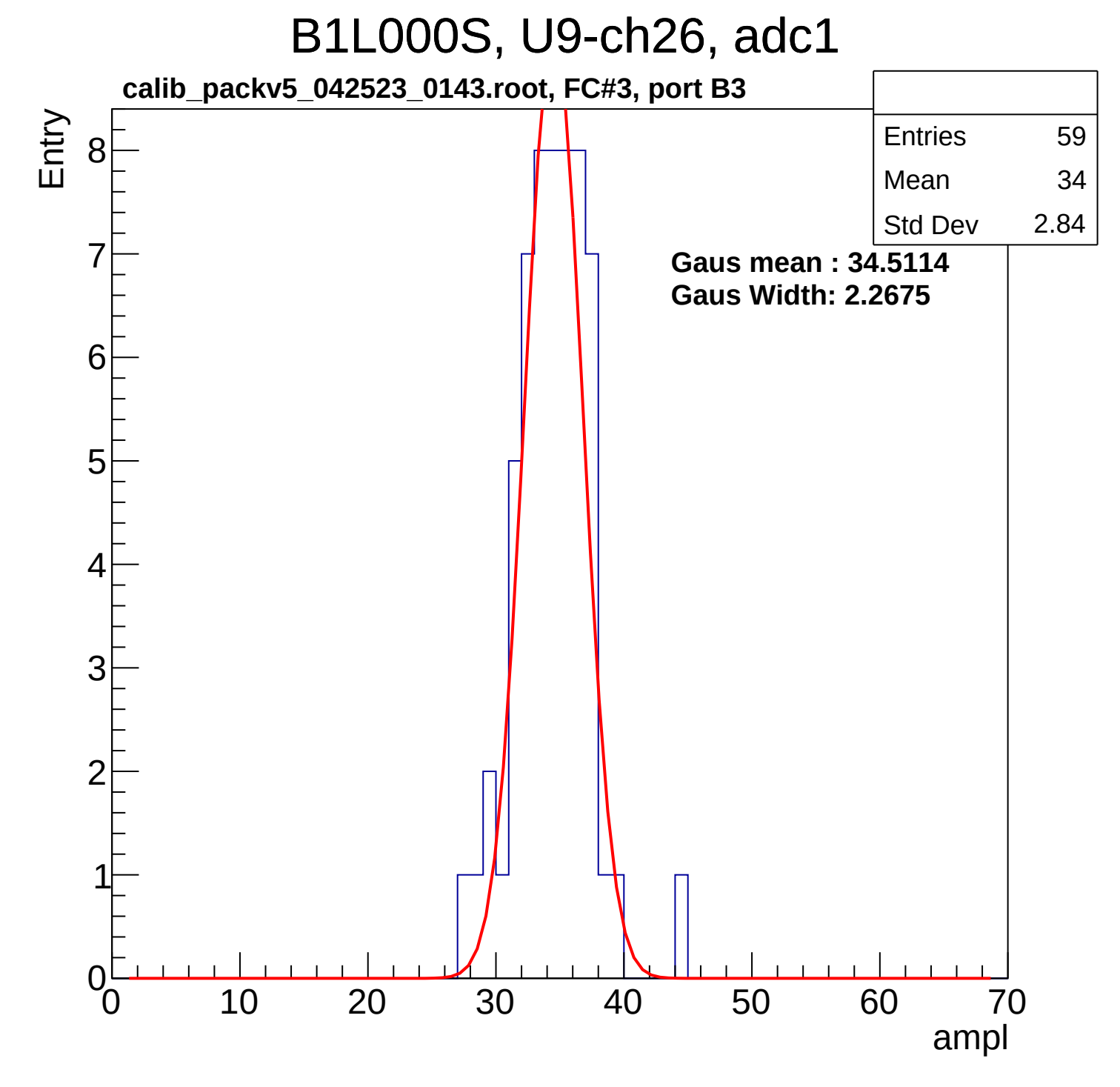
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch26, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 34
Std Dev 2.84
Gaus mean : 34.5114
Gaus Width: 2.2675
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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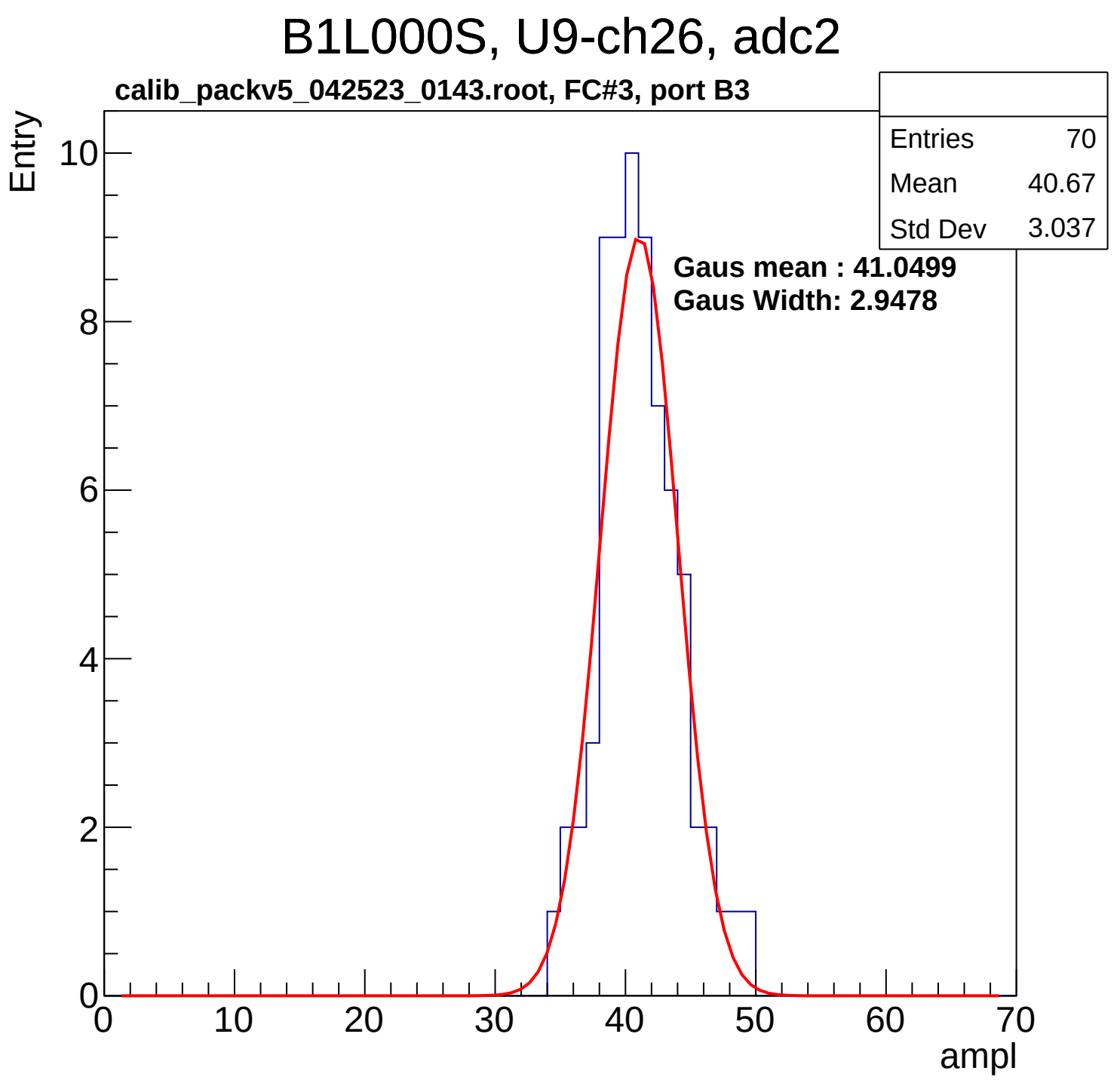
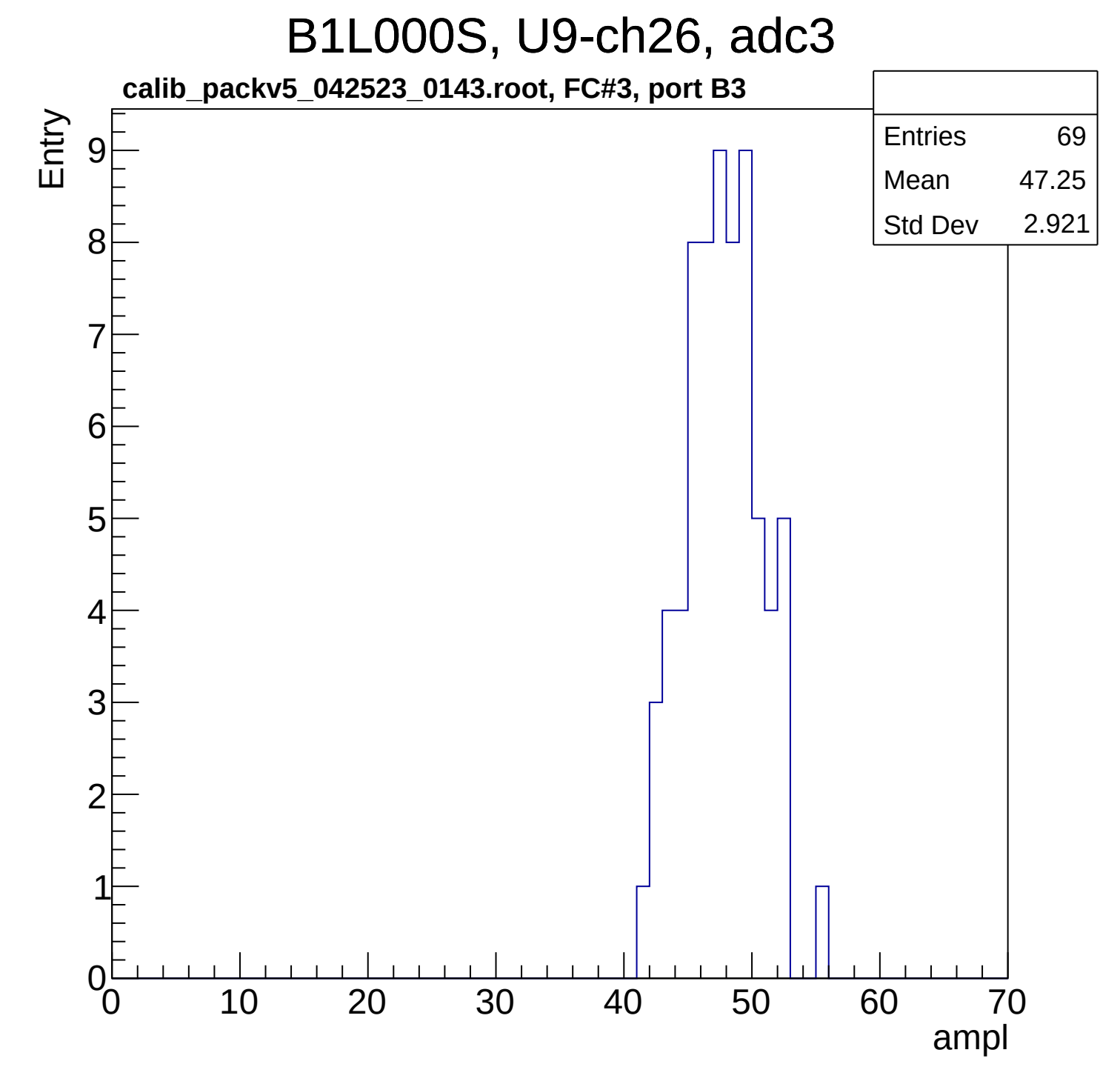

B1L000S, U9-ch26, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 40.67
Std Dev 3.037
Gaus mean : 41.0499
Gaus Width: 2.9478
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch26, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.25
Std Dev 2.921
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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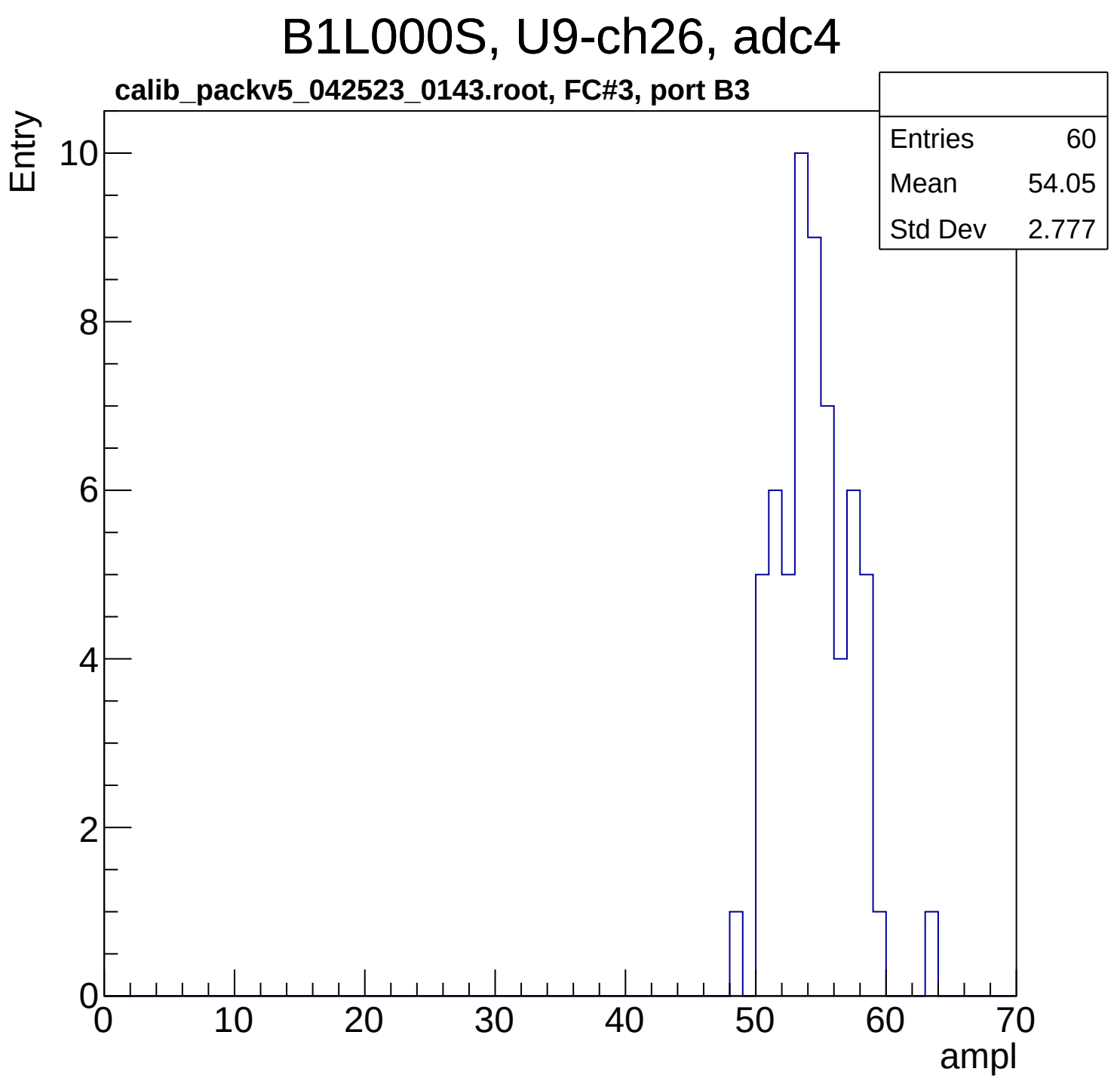
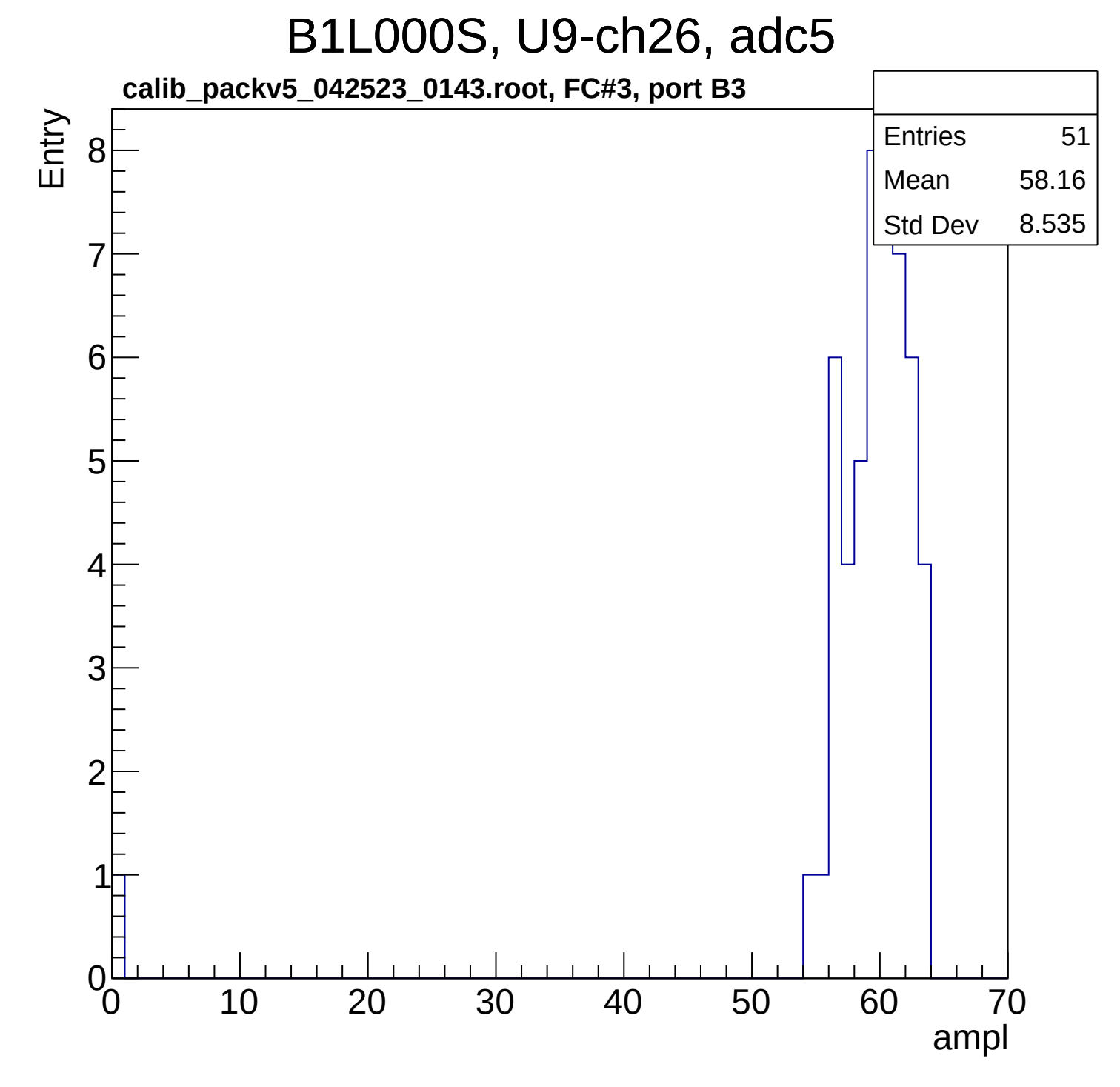

B1L000S, U9-ch26, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.05
Std Dev 2.777
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch26, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.16
Std Dev 8.535
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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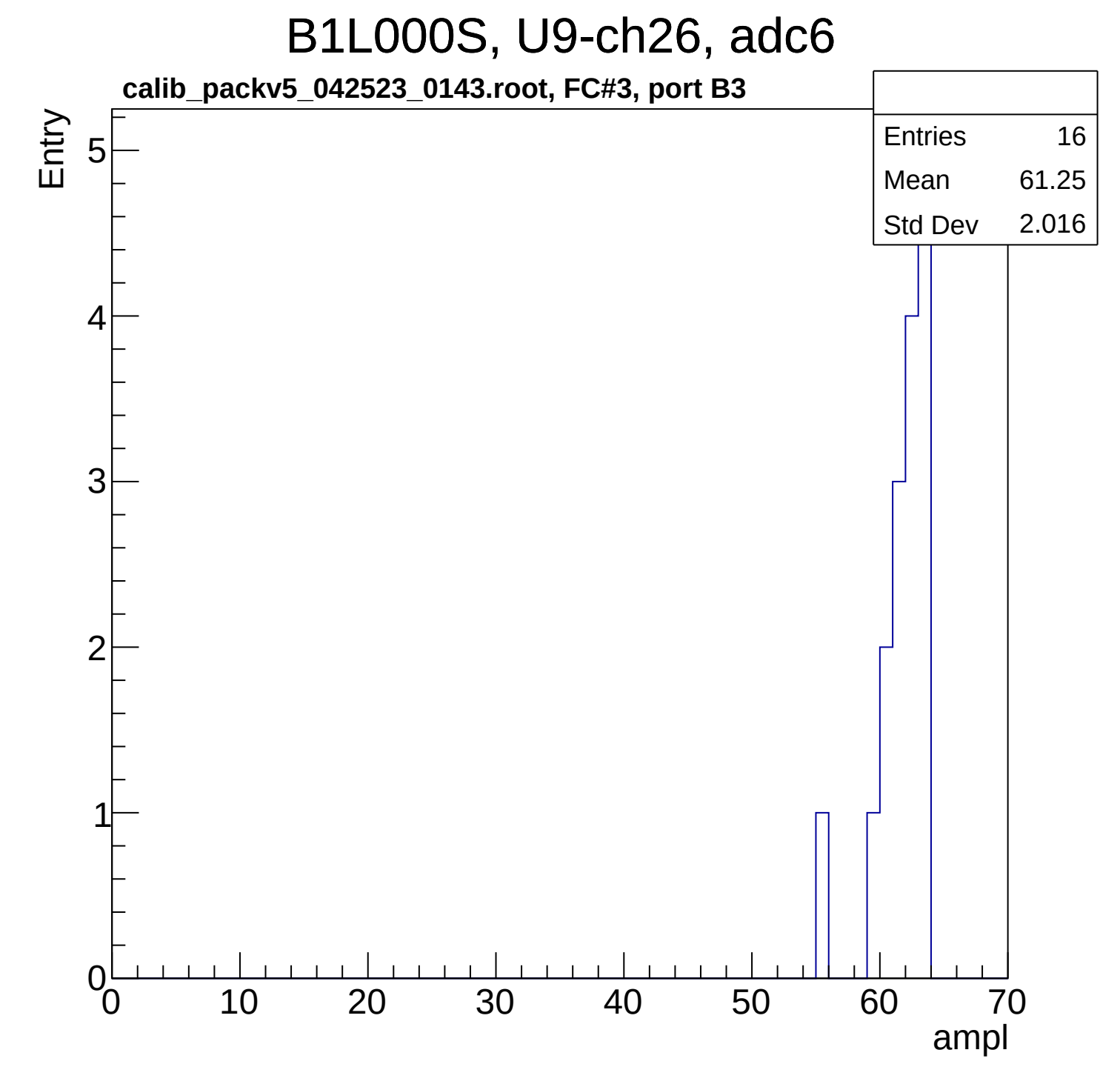
B1L000S, U9-ch26, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.25
Std Dev 2.016
Entry
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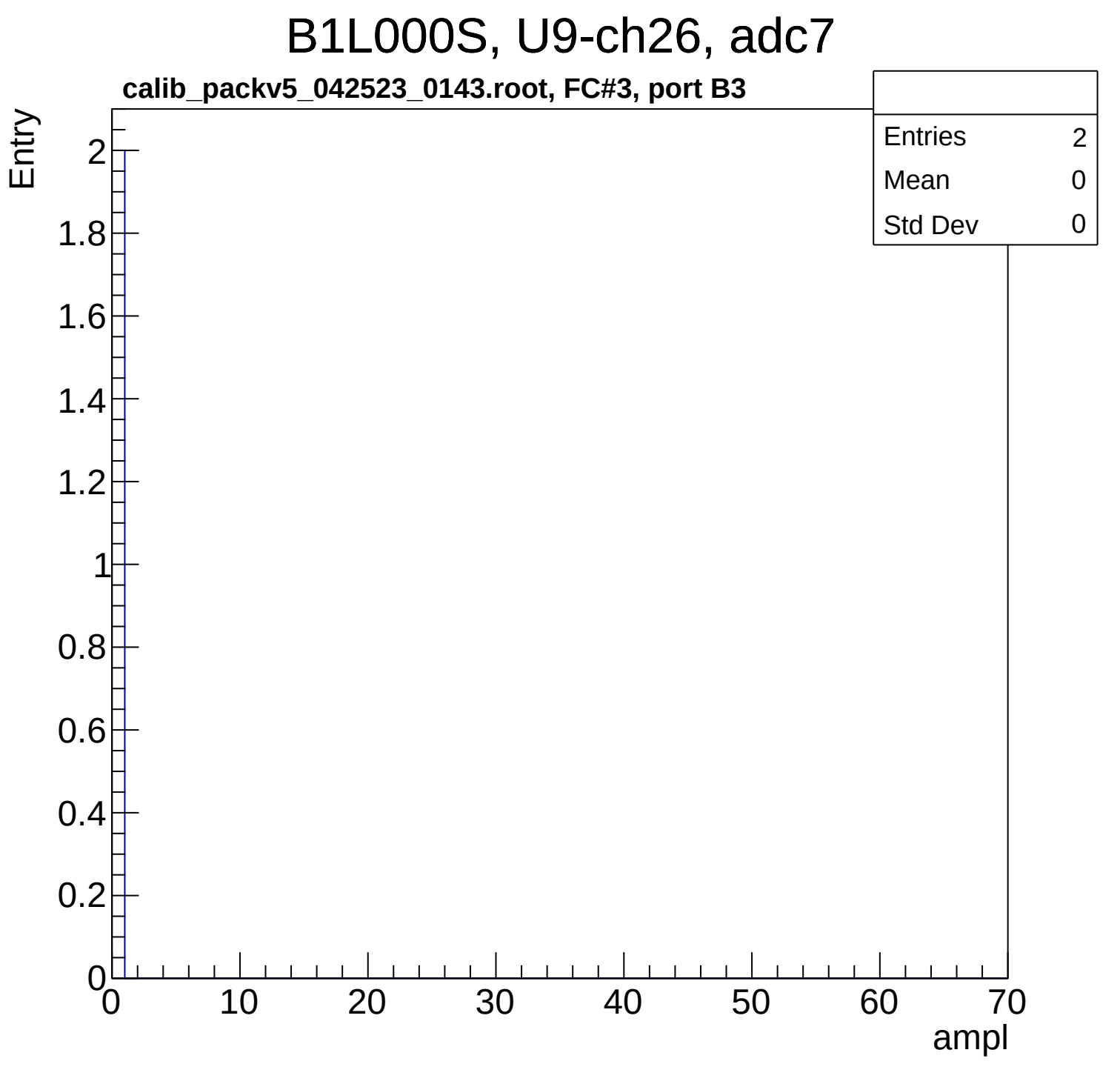
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch26, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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
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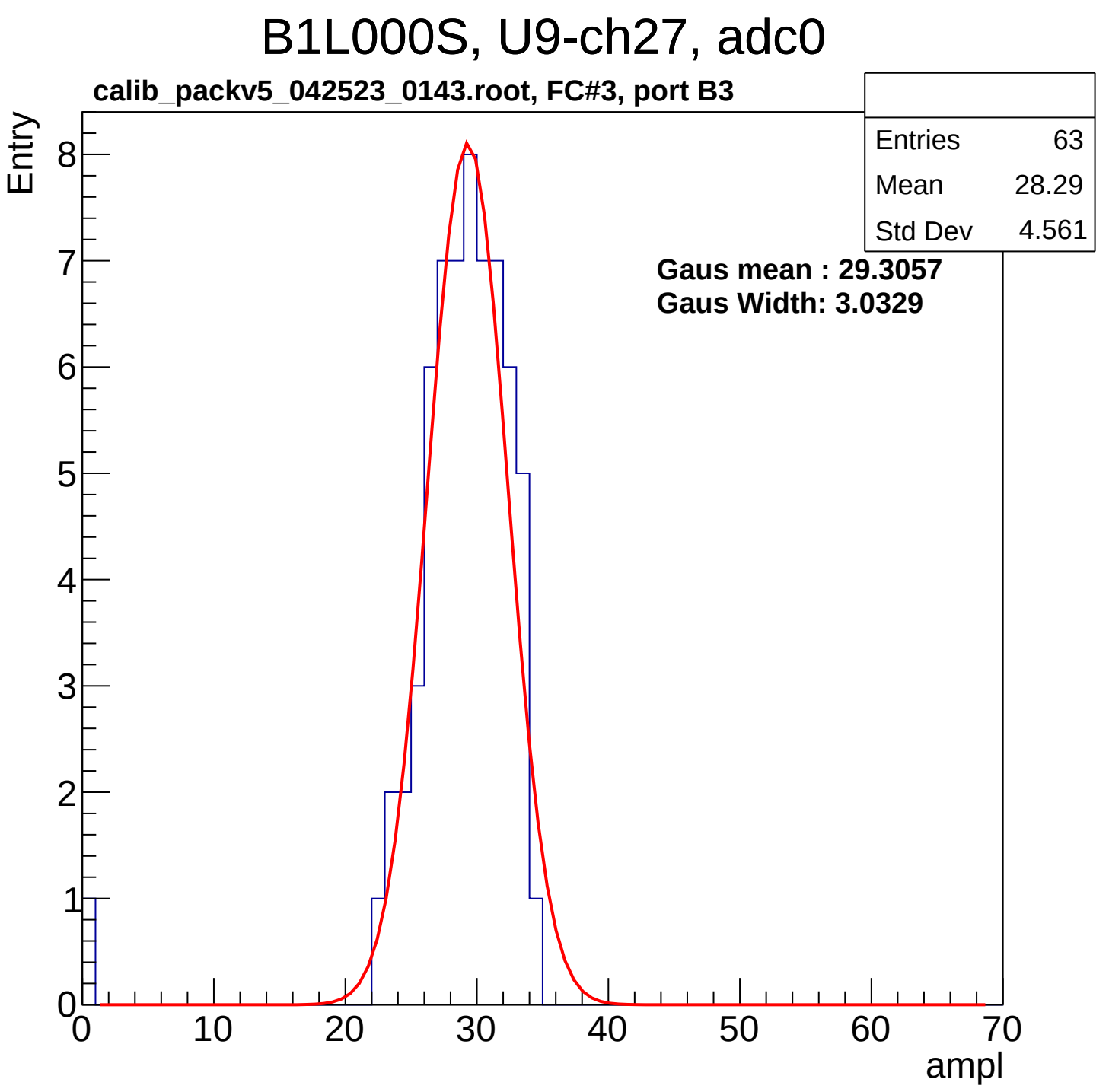
50
60
70
ampl


B1L000S, U9-ch27, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.29
Std Dev 4.561
Gaus mean : 29.3057
Gaus Width: 3.0329
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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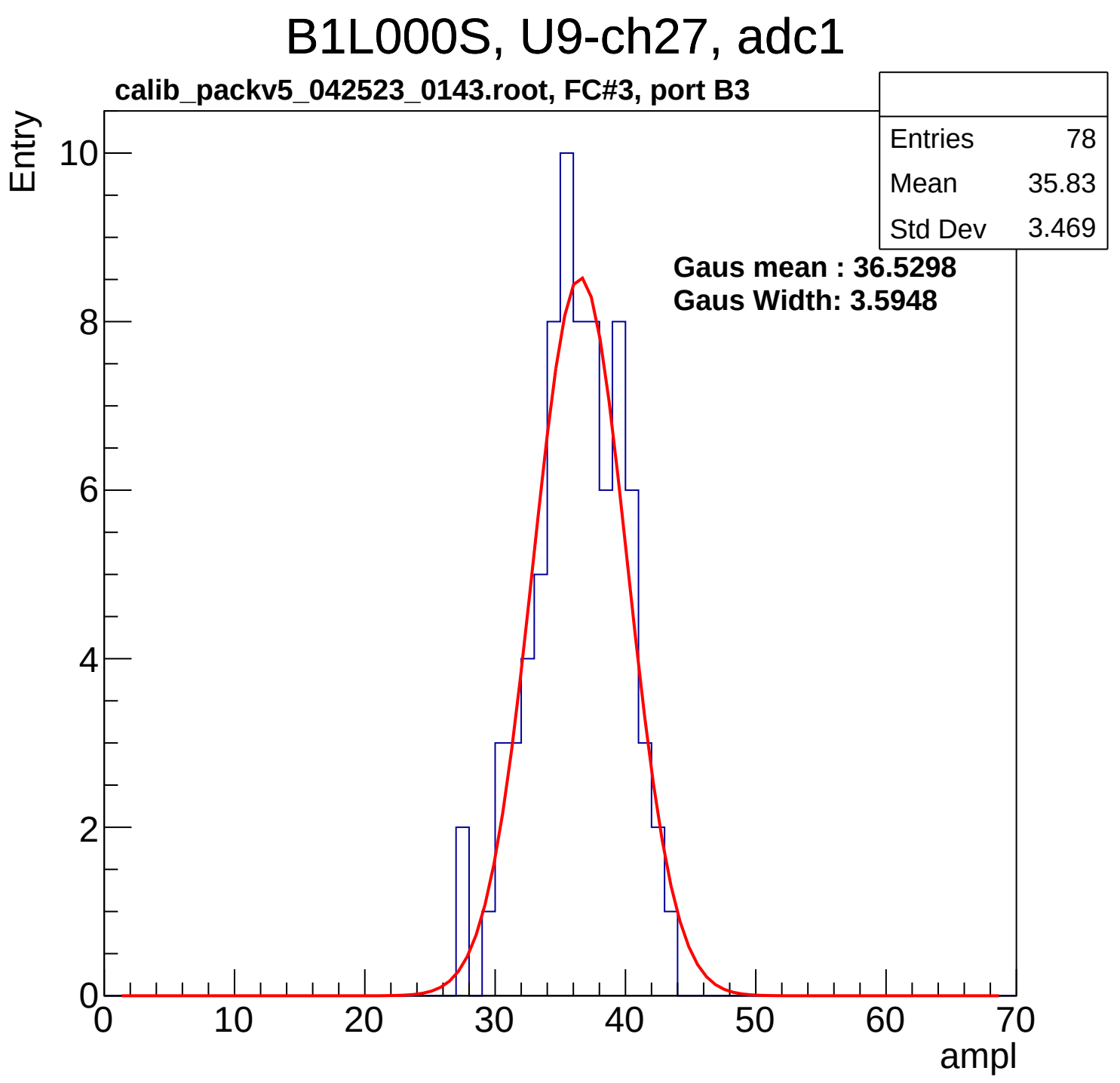
B1L000S, U9-ch27, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 35.83
Std Dev 3.469
Gaus mean : 36.5298
Gaus Width: 3.5948
Entry
ampl
0
2
4
6
8
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0
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40
50
60
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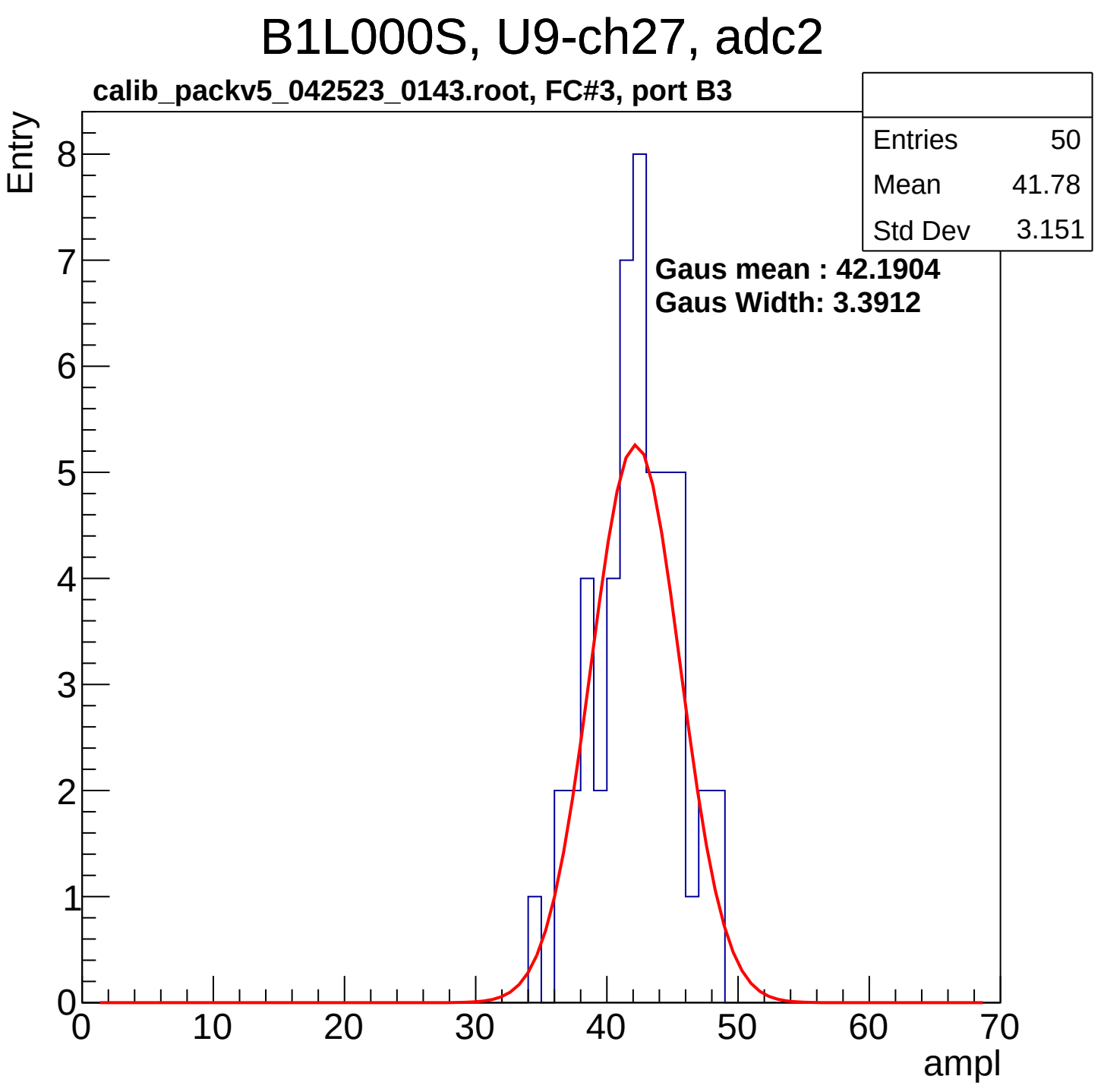
B1L000S, U9-ch27, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 41.78
Std Dev 3.151
Gaus mean : 42.1904
Gaus Width: 3.3912
Entry
ampl
0
1
2
3
4
5
6
7
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0
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40
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60
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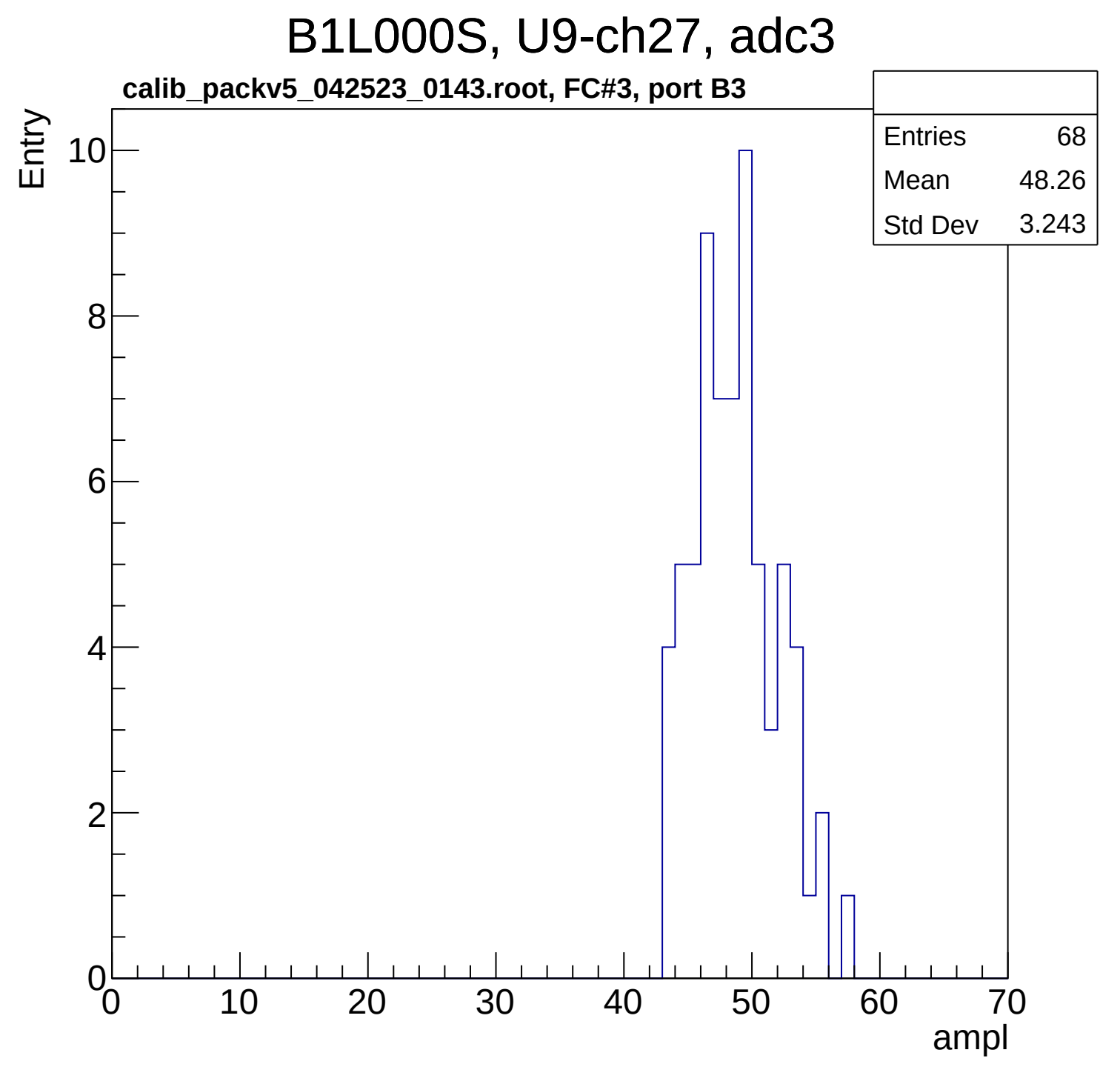
B1L000S, U9-ch27, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 48.26
Std Dev 3.243
Entry
ampl
0
2
4
6
8
10
0
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40
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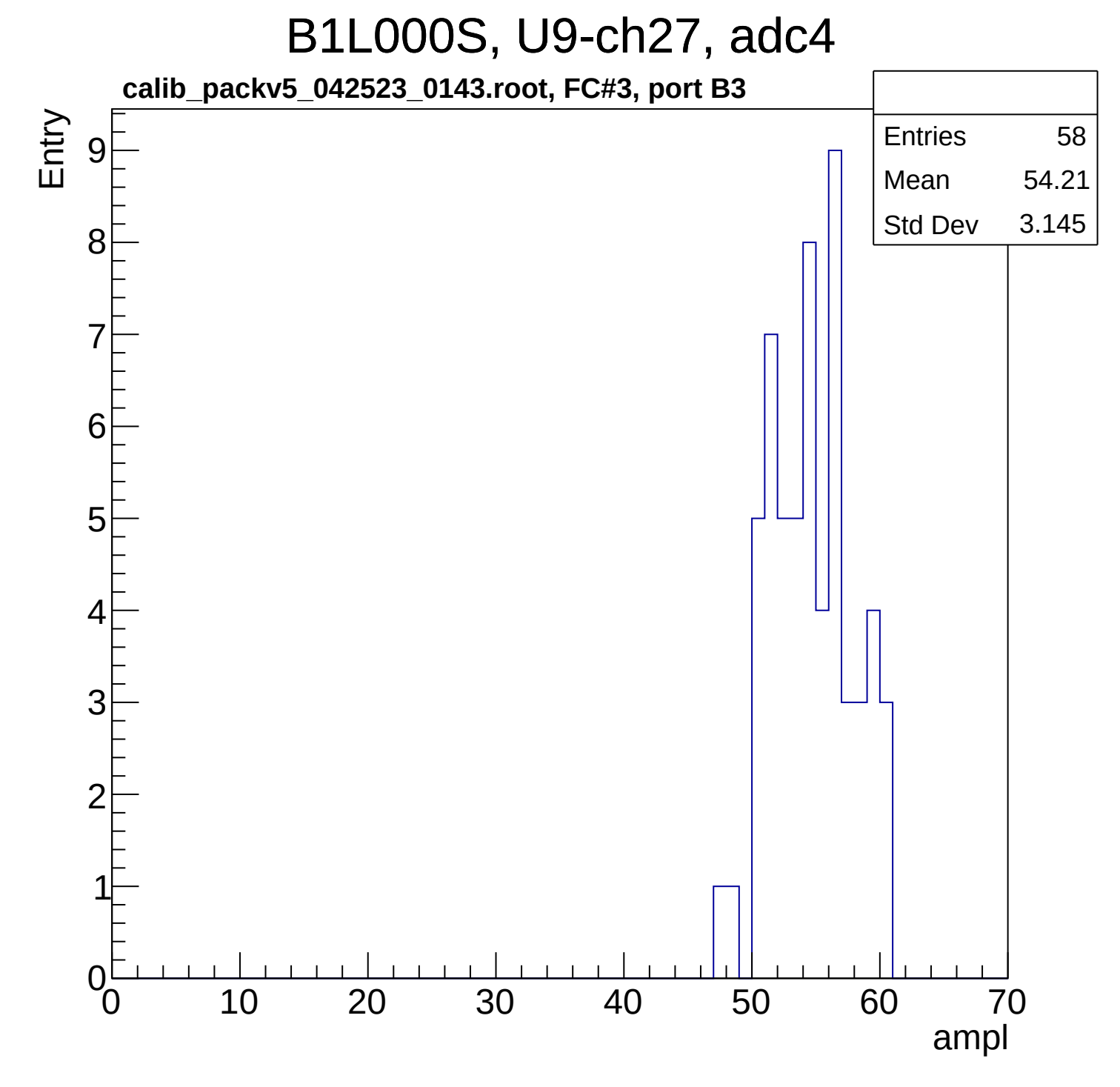
B1L000S, U9-ch27, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 54.21
Std Dev 3.145
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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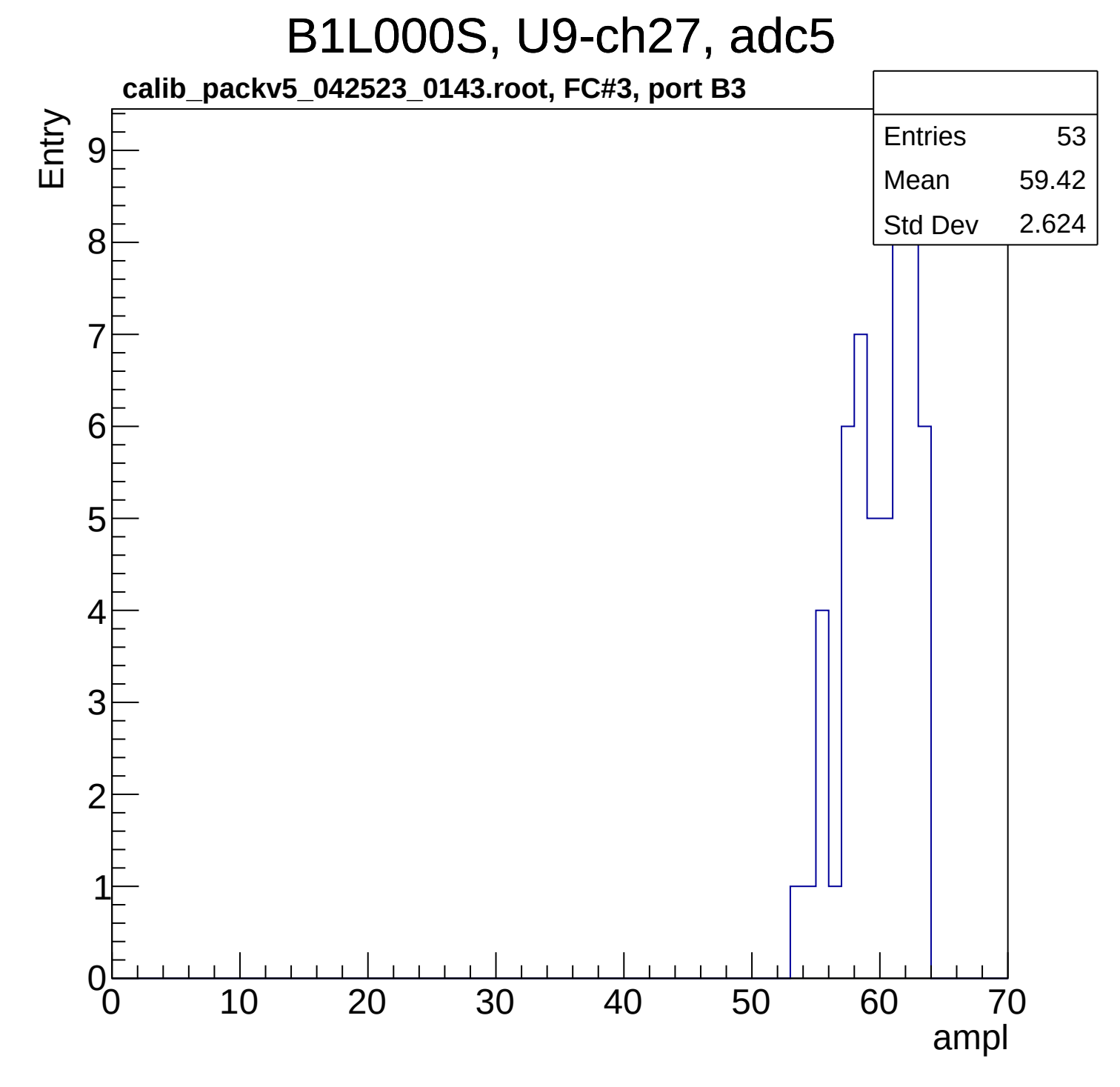
B1L000S, U9-ch27, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 59.42
Std Dev 2.624
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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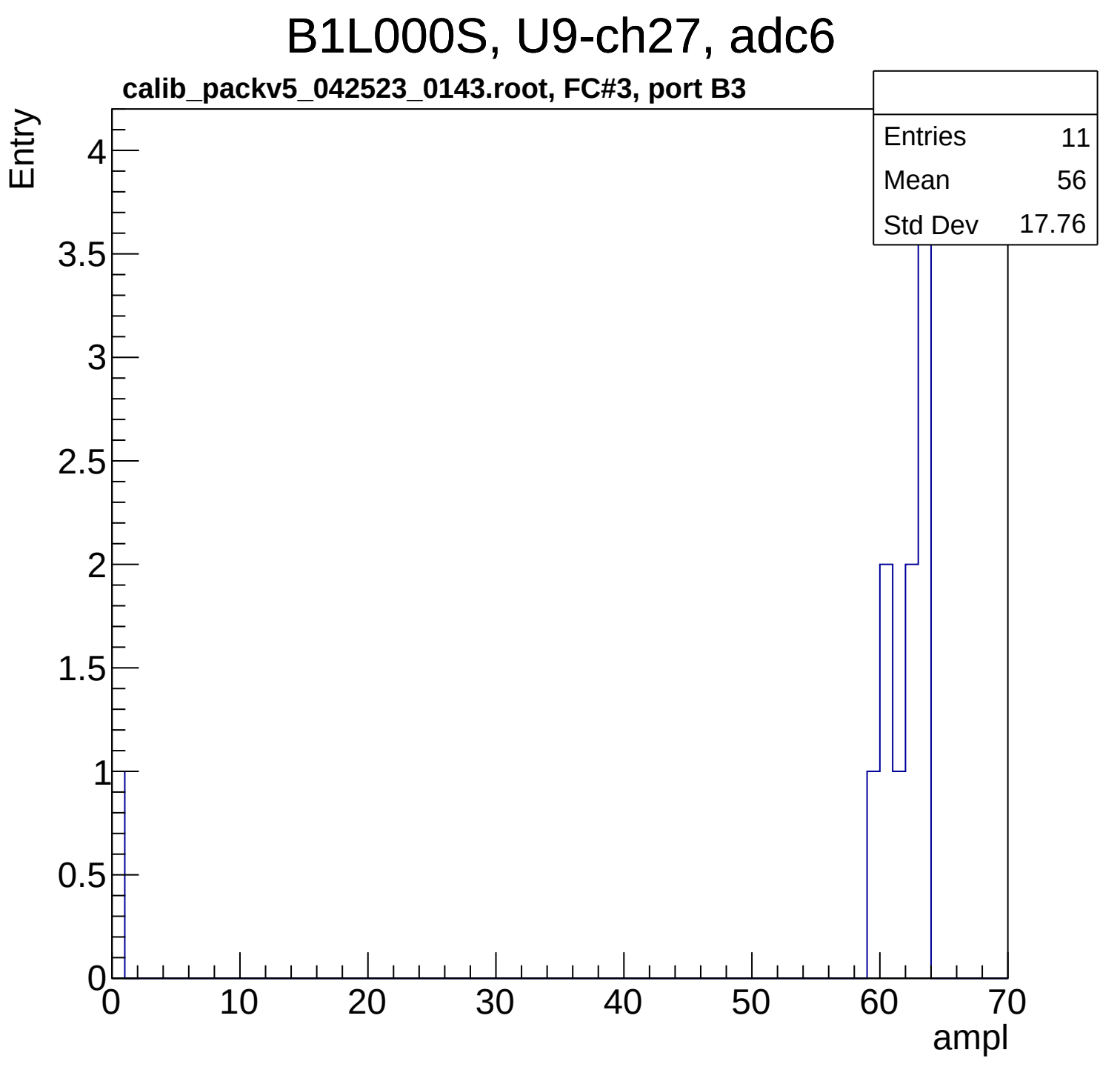
B1L000S, U9-ch27, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56
Std Dev 17.76
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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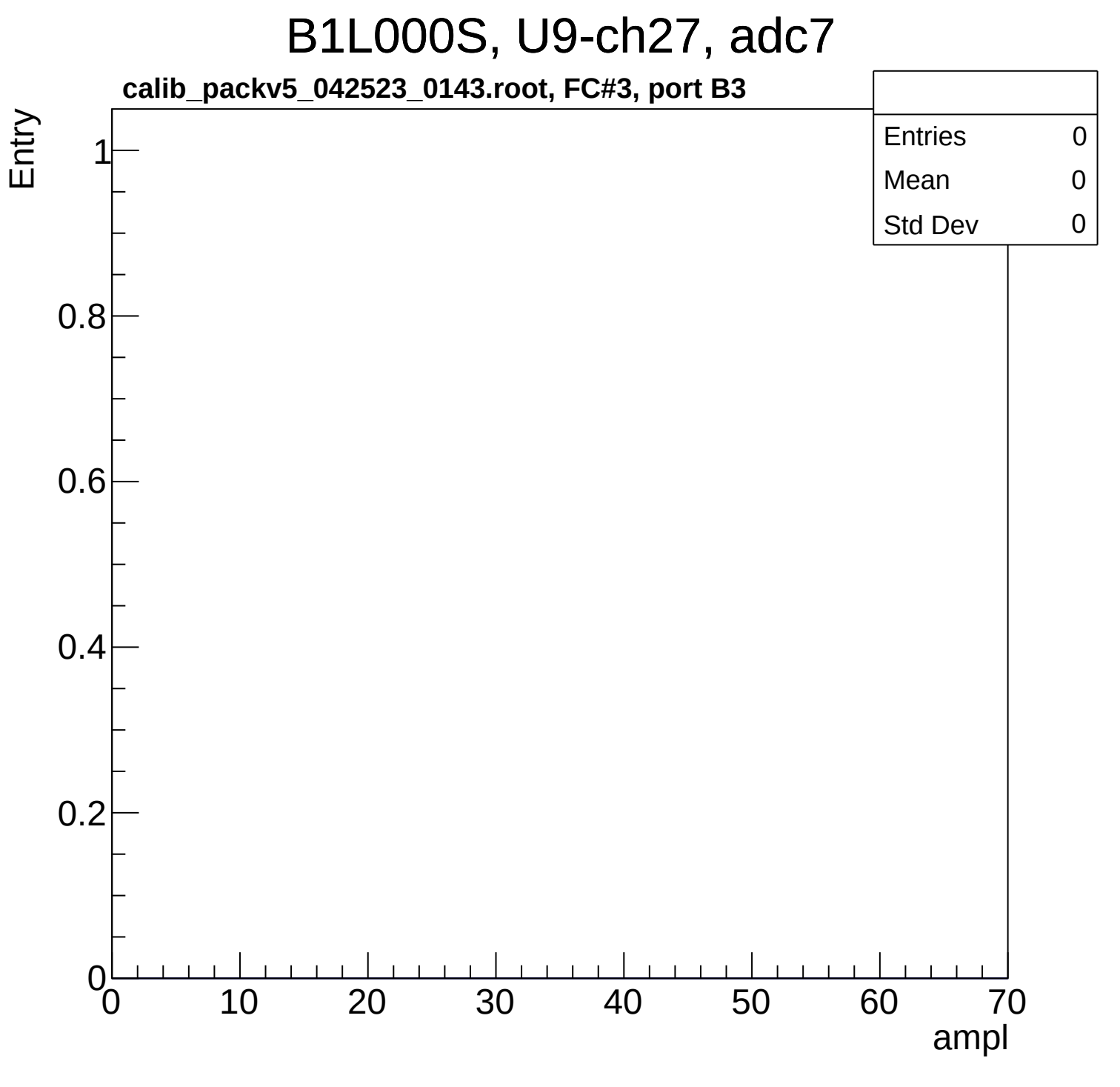
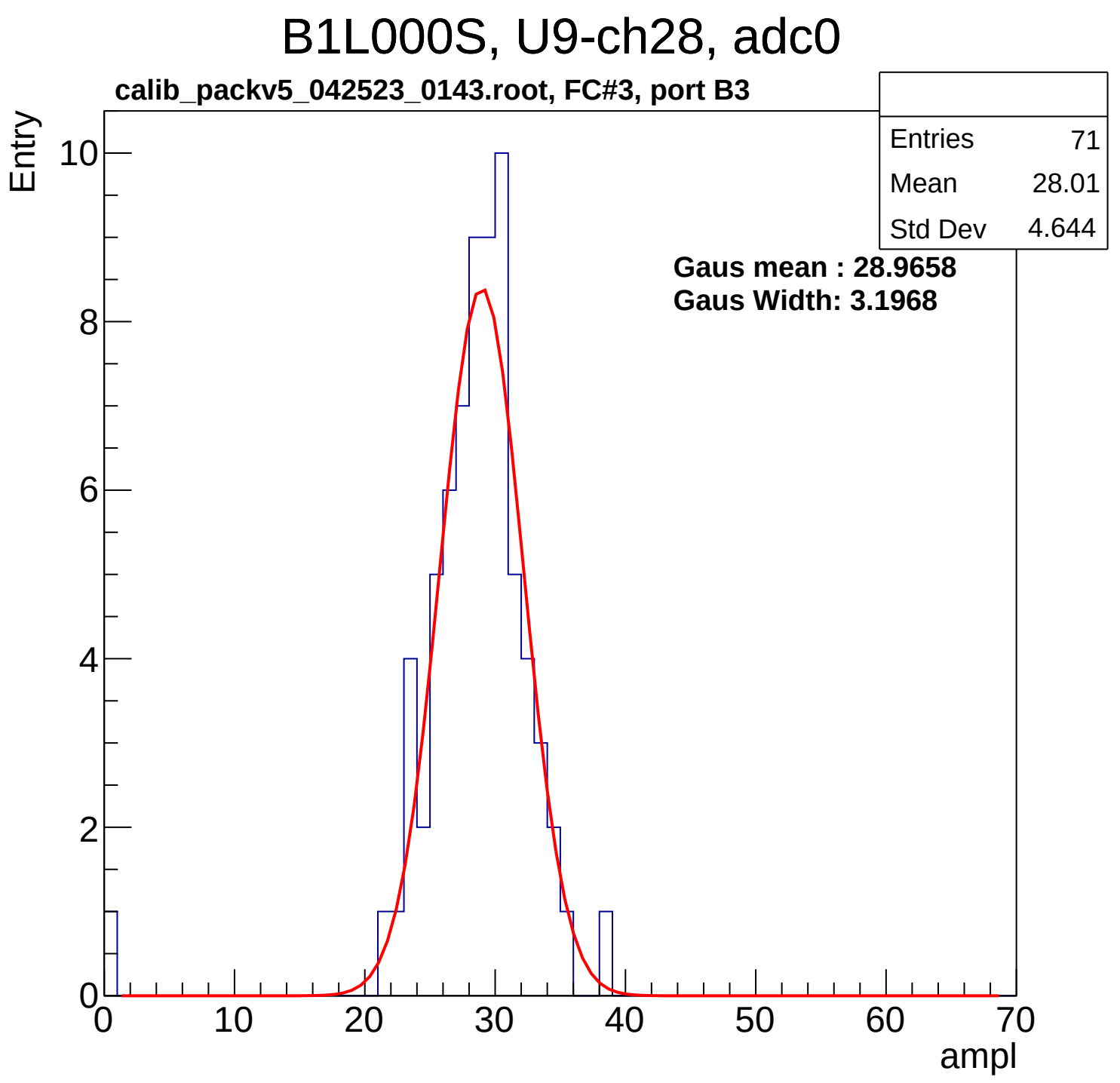
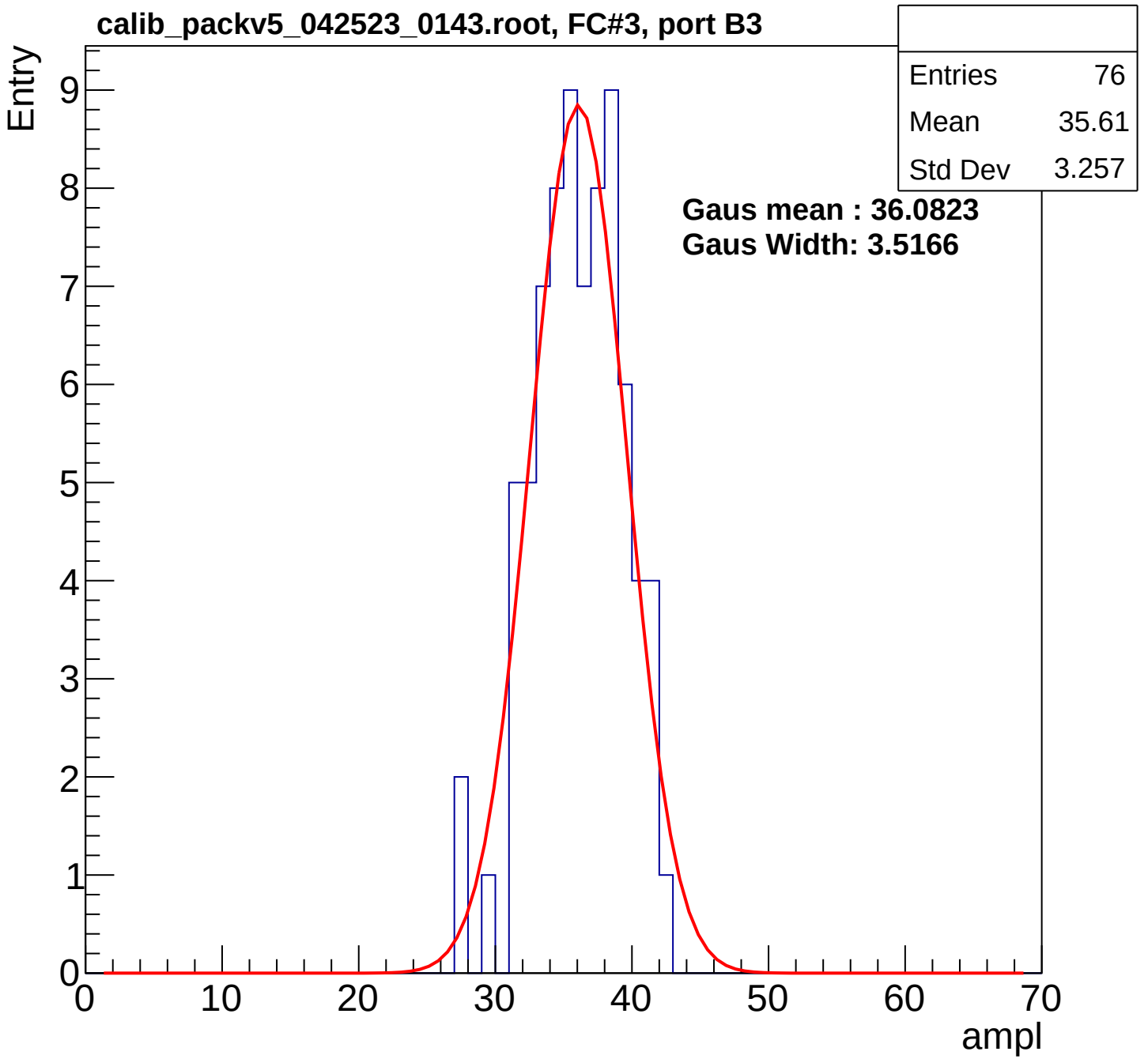
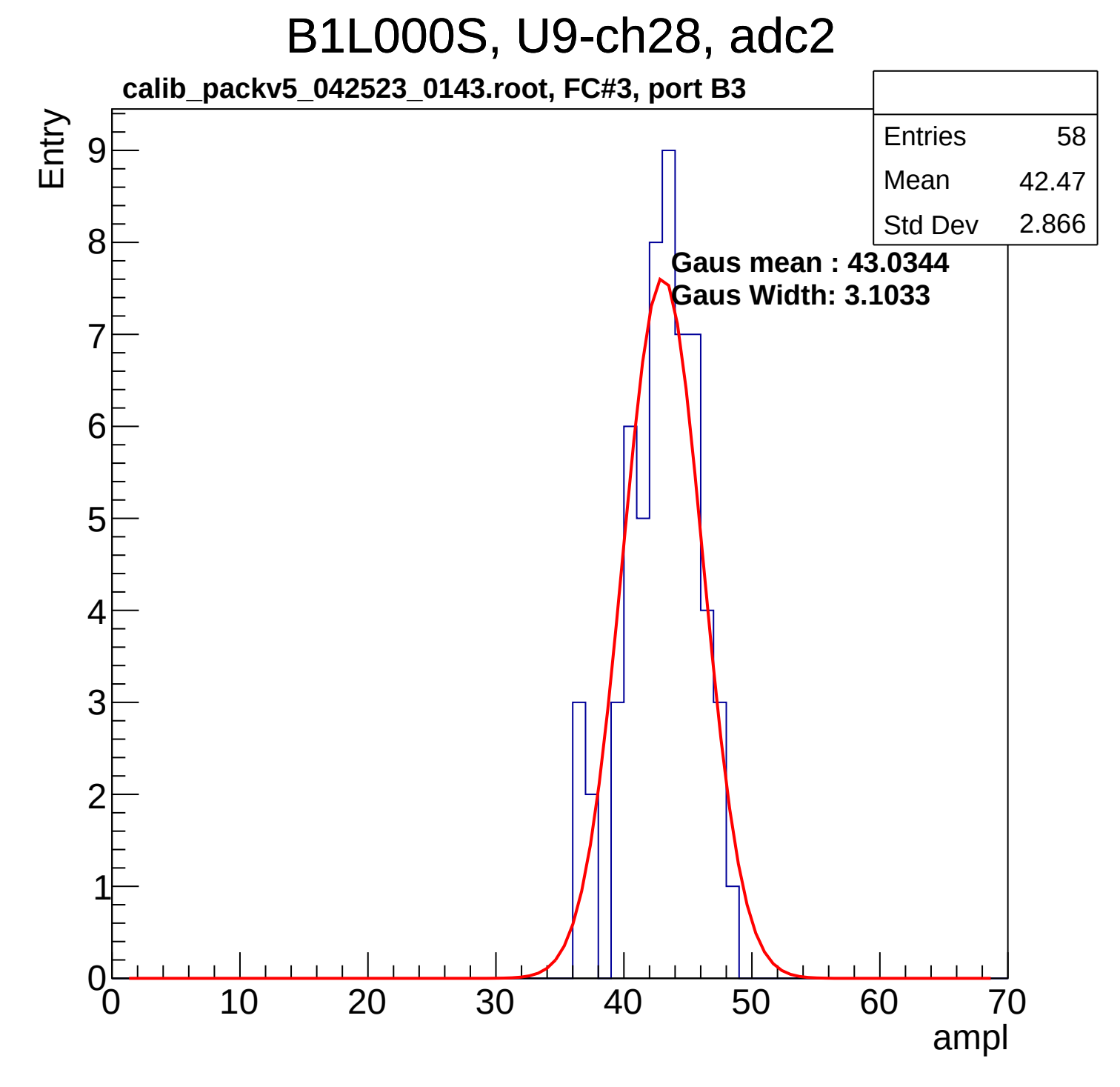
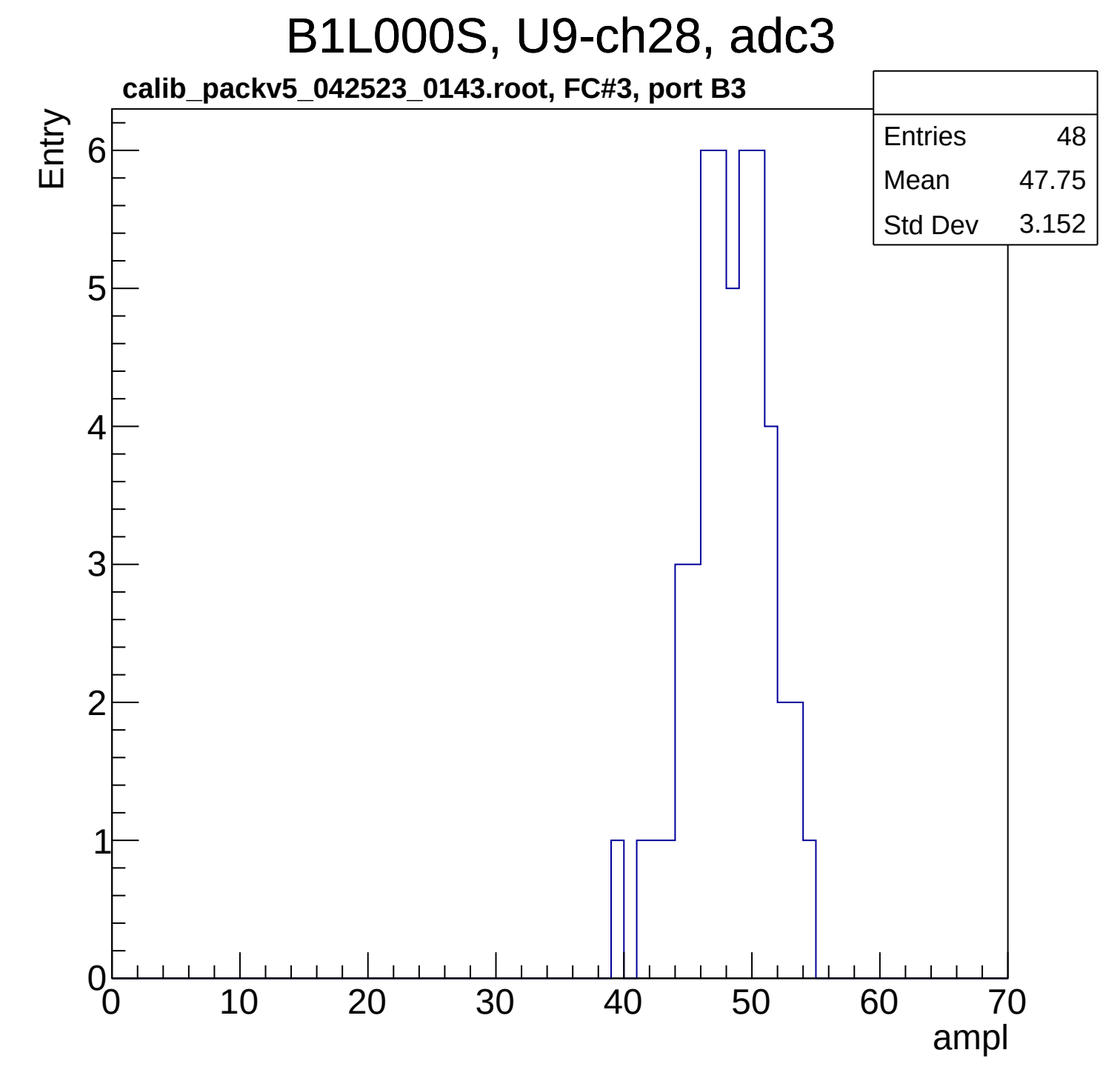
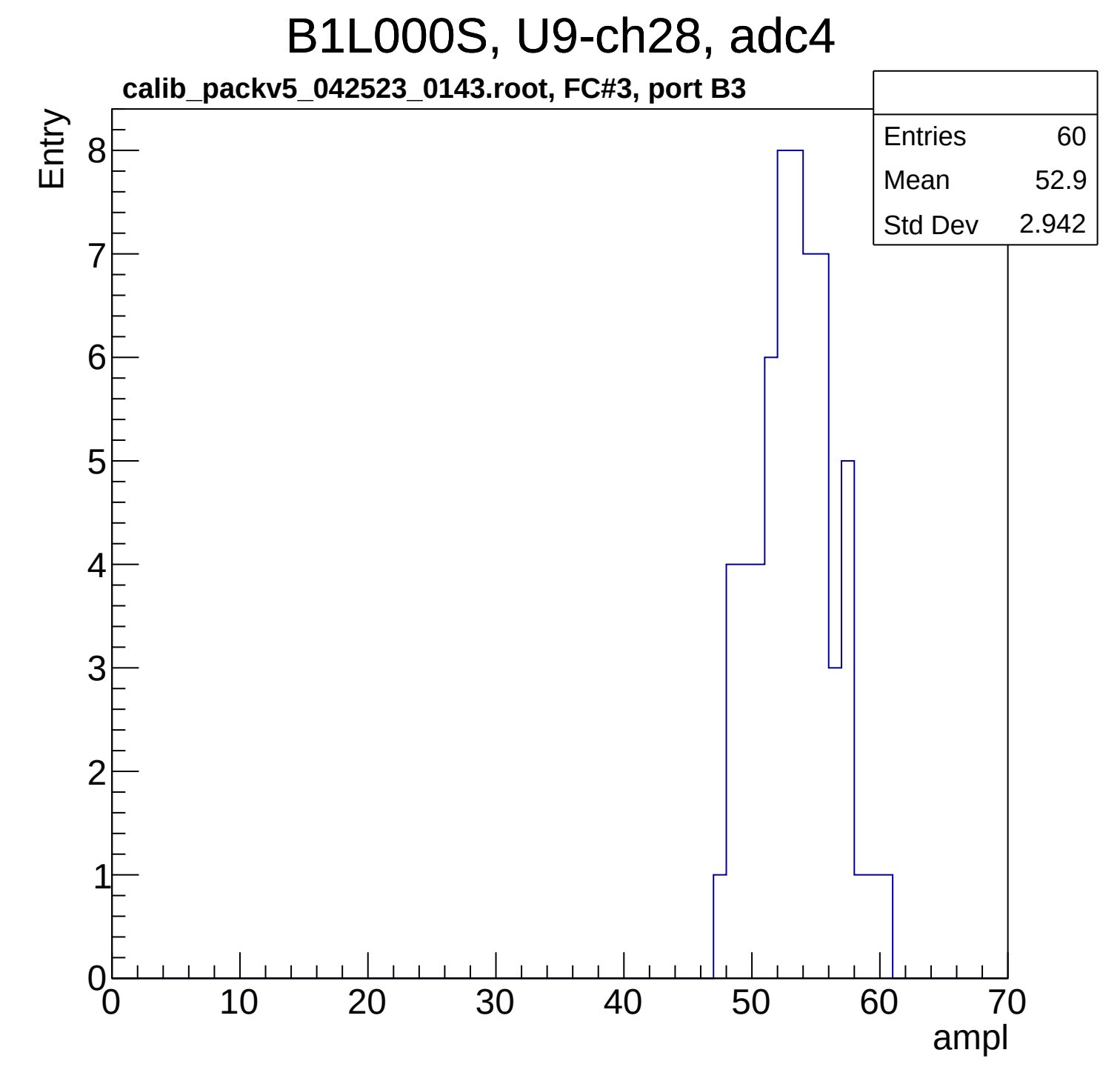

B1L000S, U9-ch27, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch28, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 28.01
Std Dev 4.644
Gaus mean : 28.9658
Gaus Width: 3.1968
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch28, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 35.61
Std Dev 3.257
Gaus mean : 36.0823
Gaus Width: 3.5166
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch28, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.47
Std Dev 2.866
Gaus mean : 43.0344
Gaus Width: 3.1033
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch28, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 47.75
Std Dev 3.152
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch28, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 52.9
Std Dev 2.942
Entry
ampl
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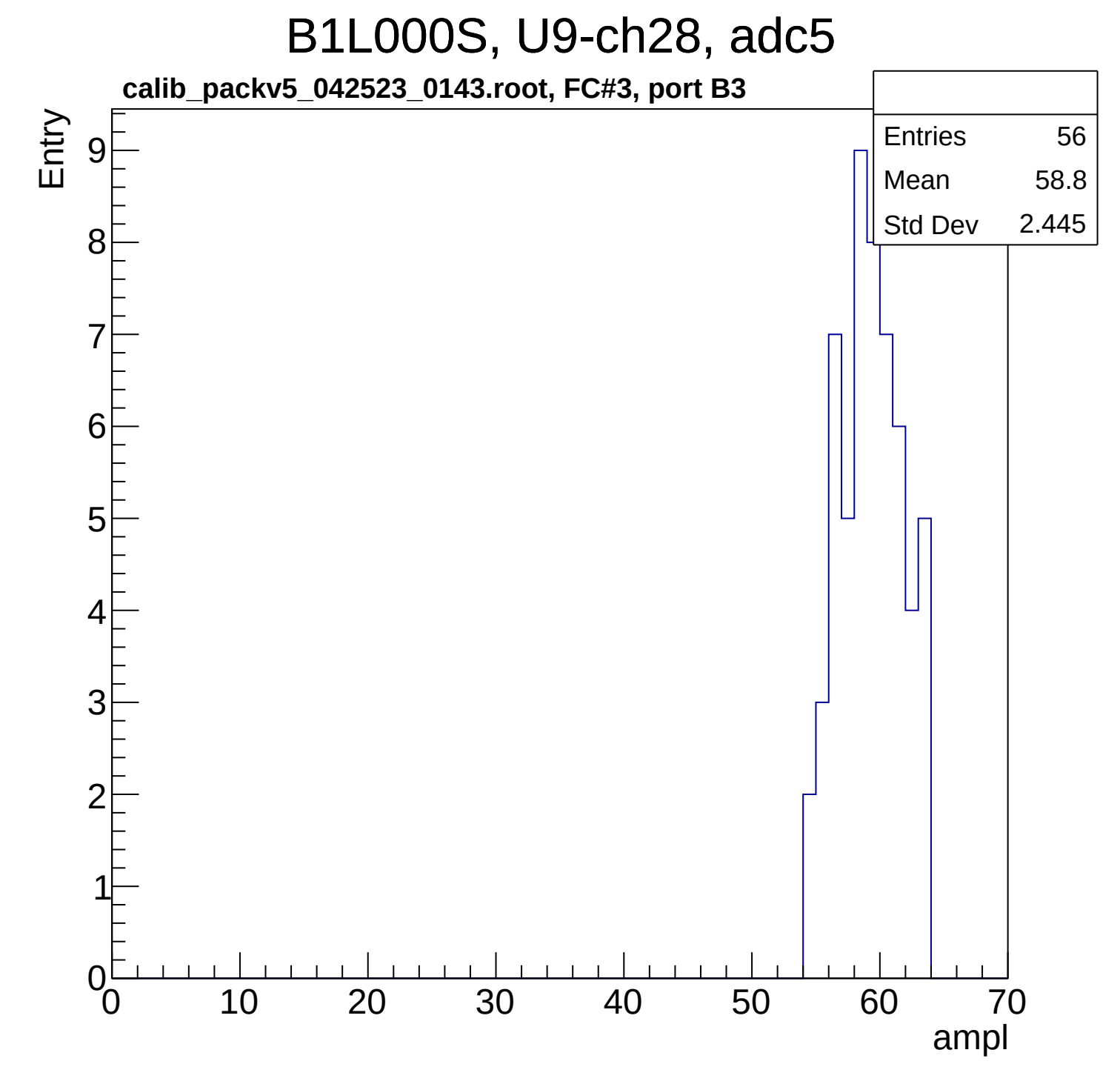
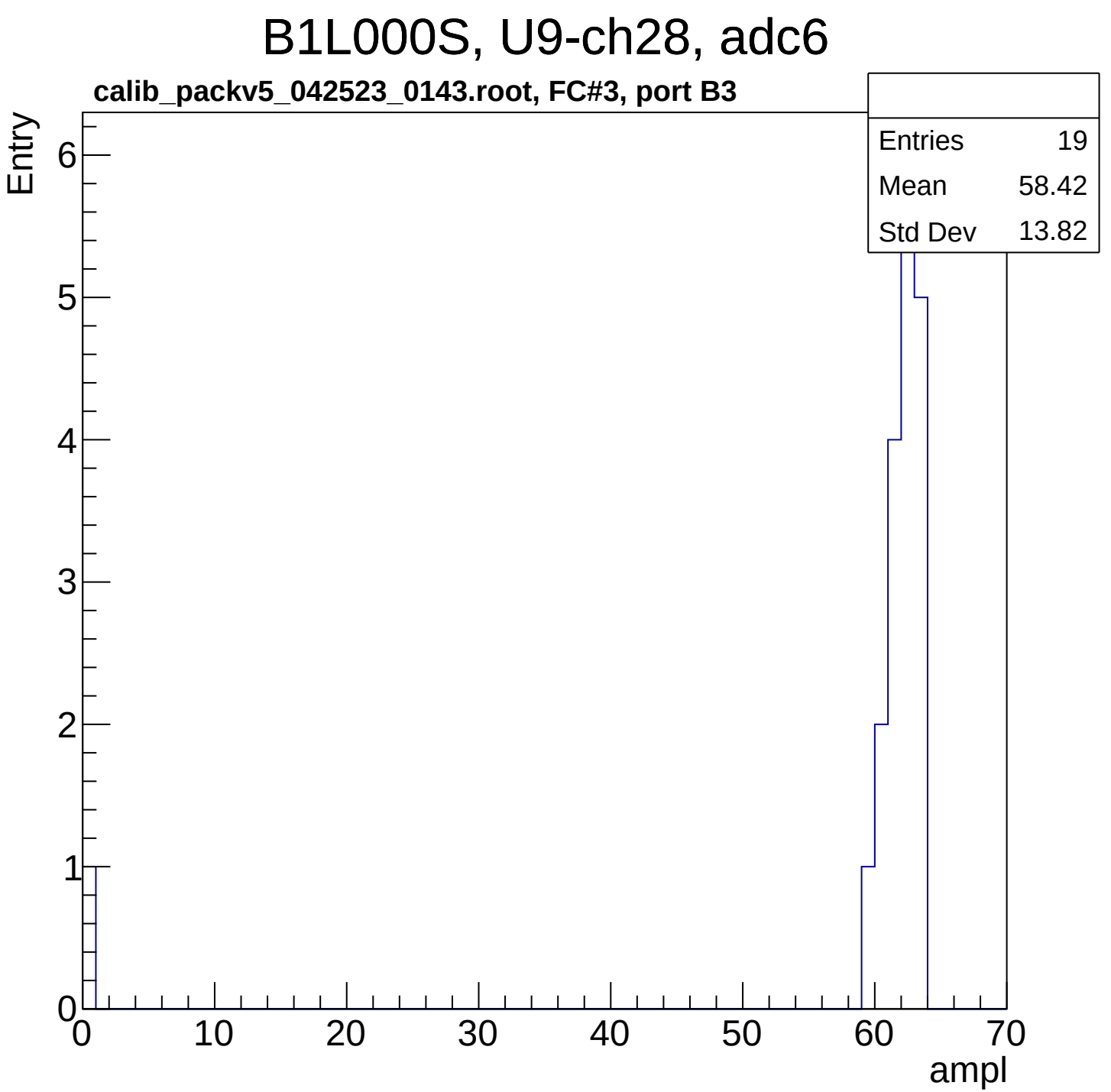
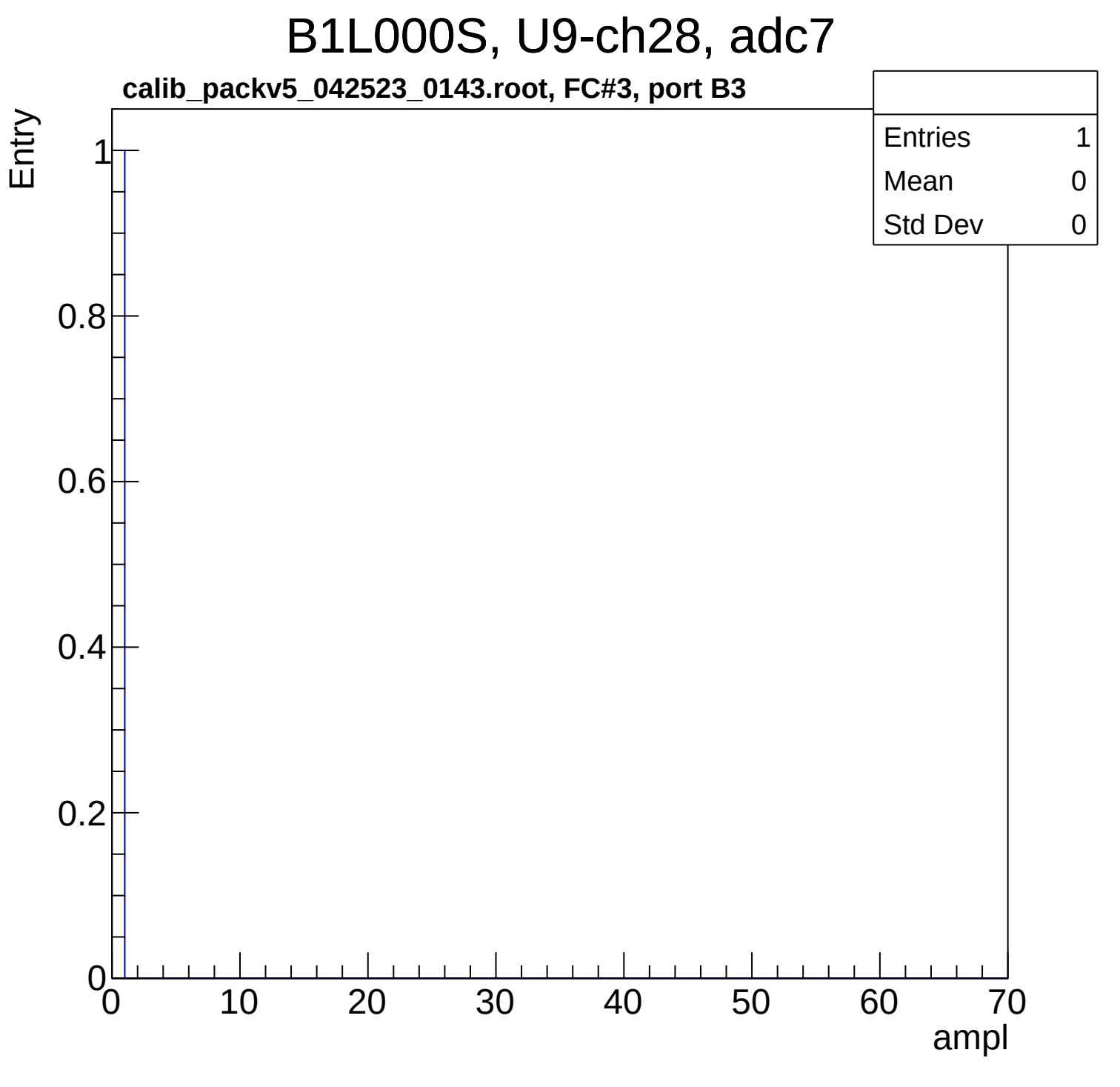
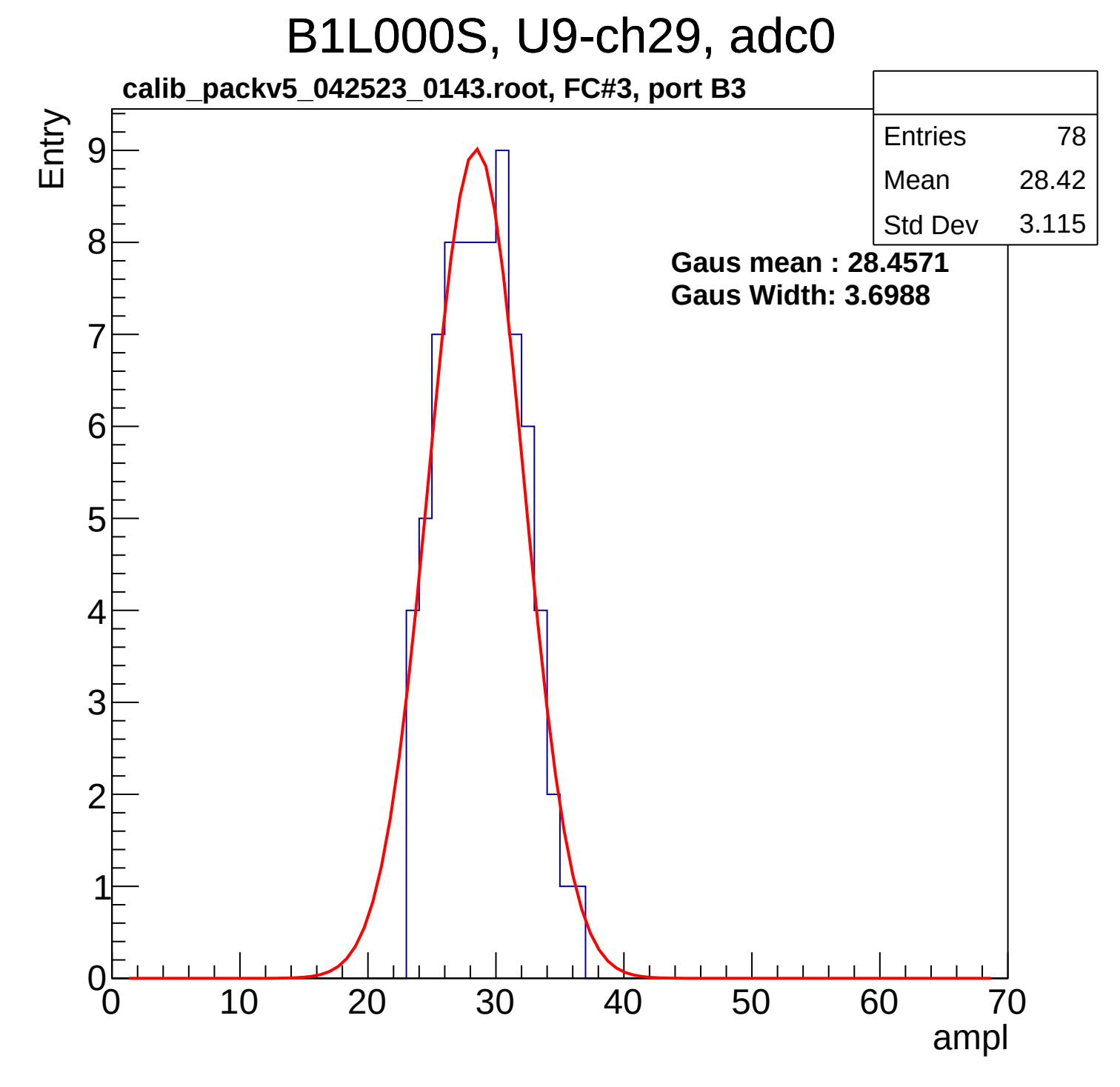
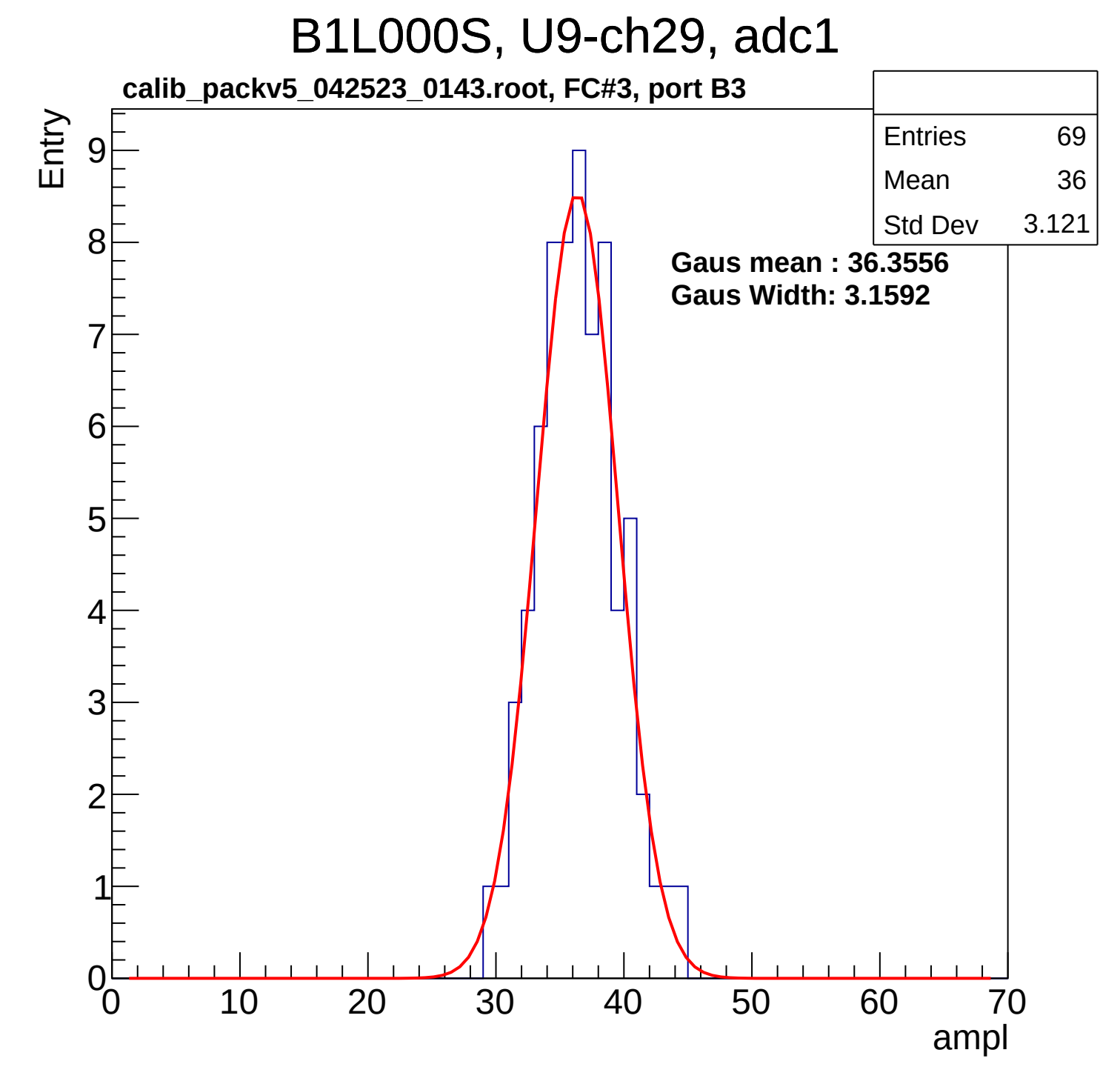
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

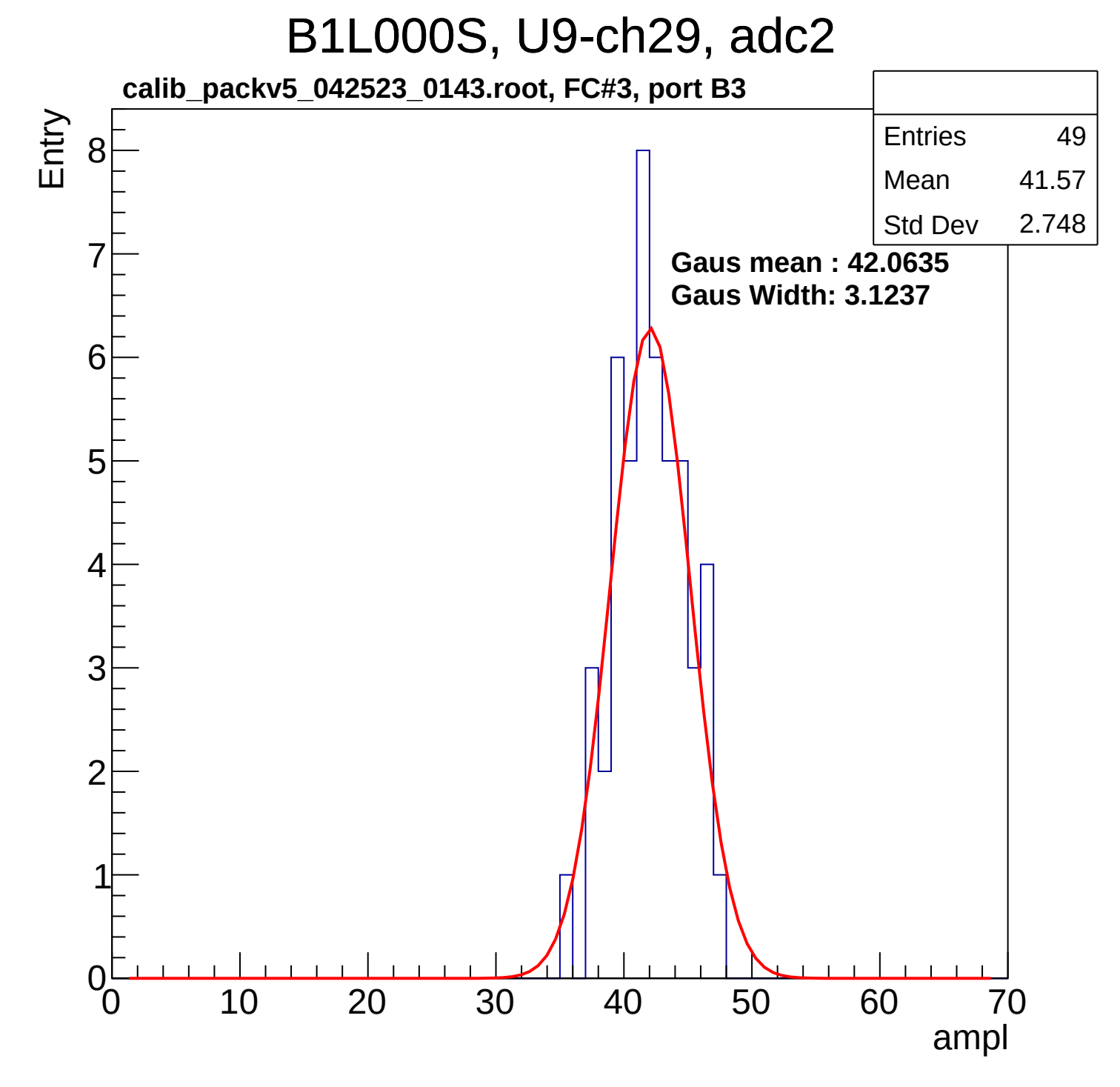

B1L000S, U9-ch28, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.8
Std Dev 2.445
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

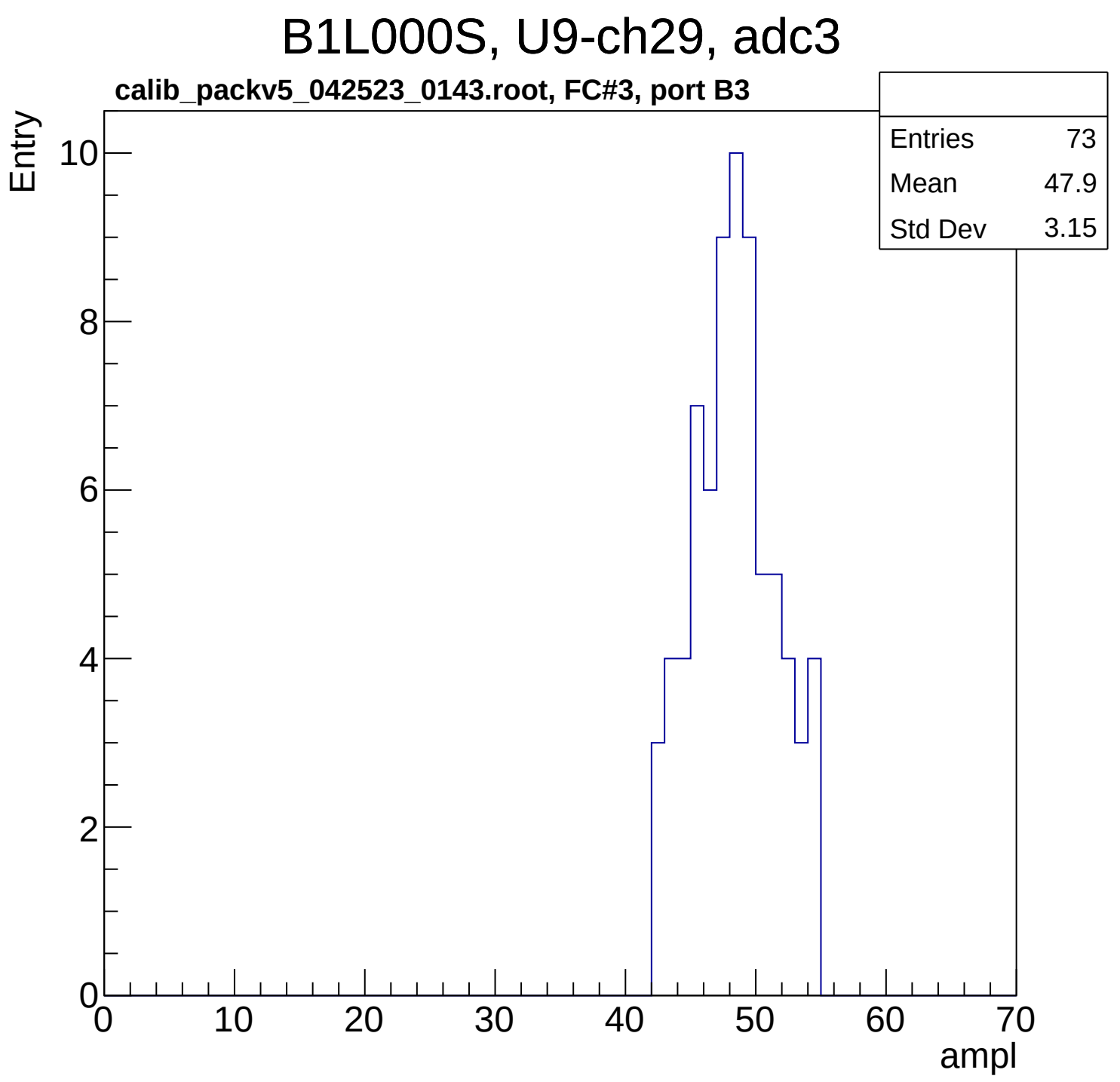

B1L000S, U9-ch28, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.42
Std Dev 13.82
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

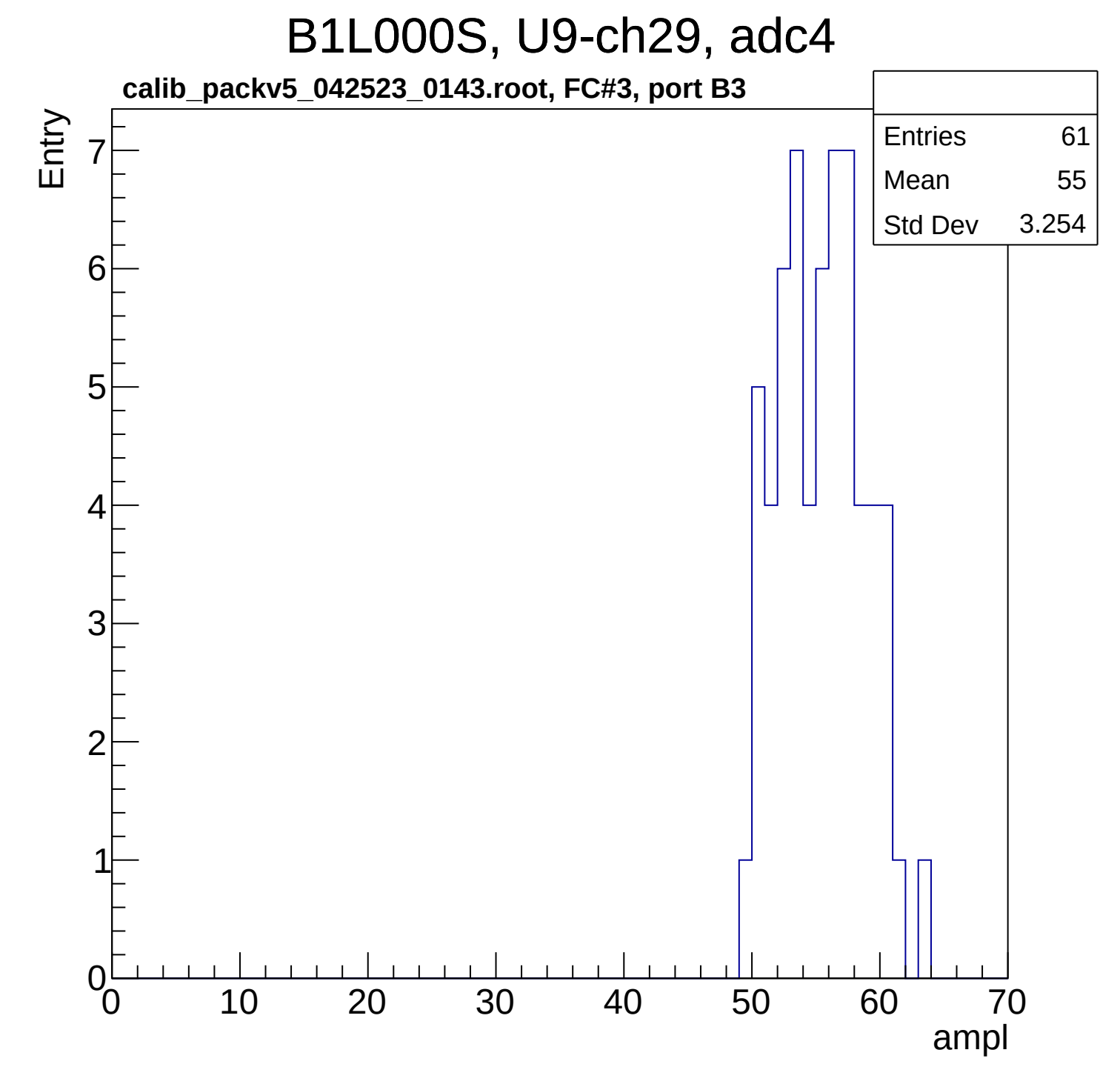

B1L000S, U9-ch28, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

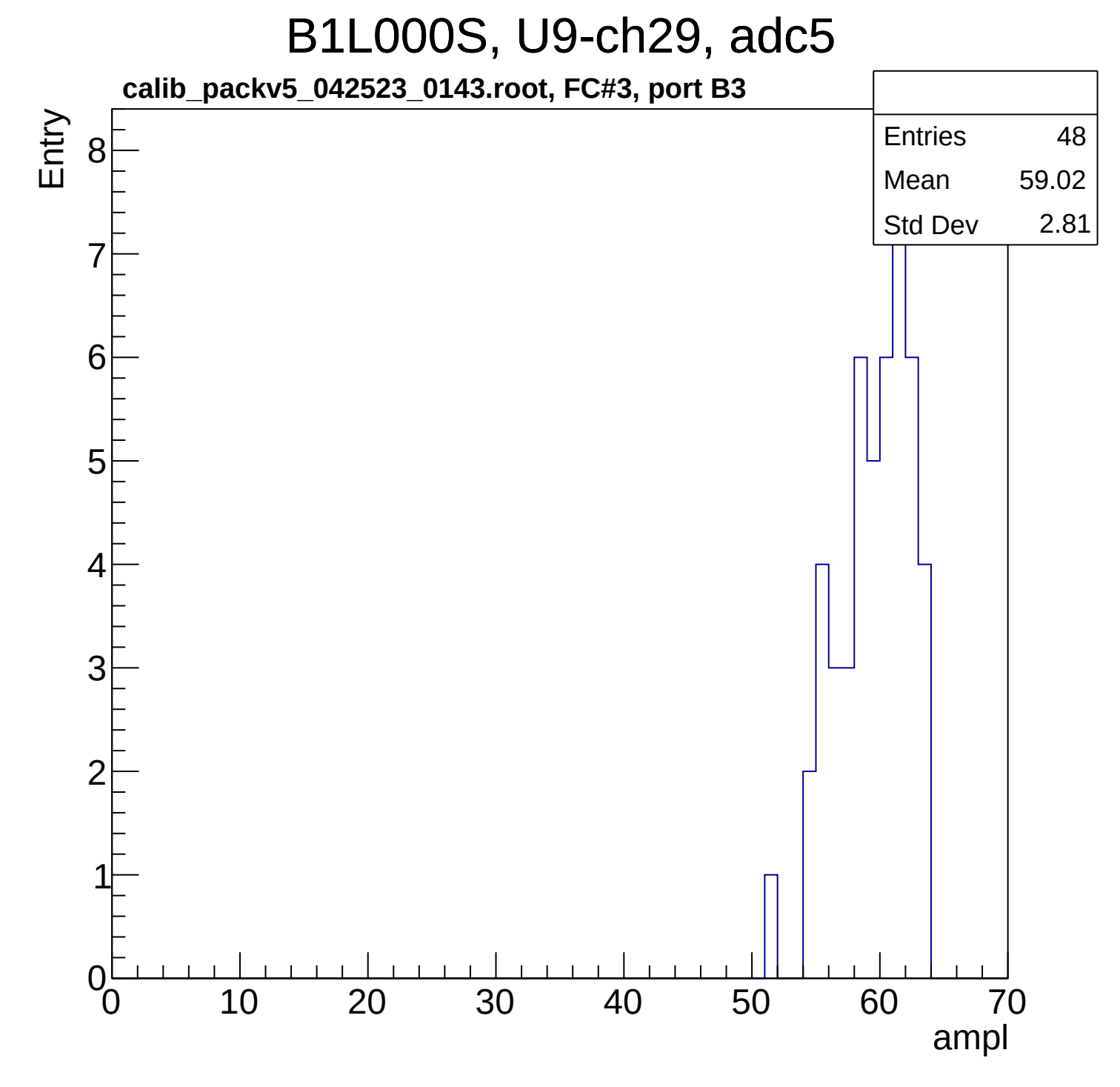

B1L000S, U9-ch29, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 28.42
Std Dev 3.115
Gaus mean : 28.4571
Gaus Width: 3.6988
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch29, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 36
Std Dev 3.121
Gaus mean : 36.3556
Gaus Width: 3.1592
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch29, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 41.57
Std Dev 2.748
Gaus mean : 42.0635
Gaus Width: 3.1237
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch29, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 47.9
Std Dev 3.15
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch29, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 55
Std Dev 3.254
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch29, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 59.02
Std Dev 2.81
Entry
ampl
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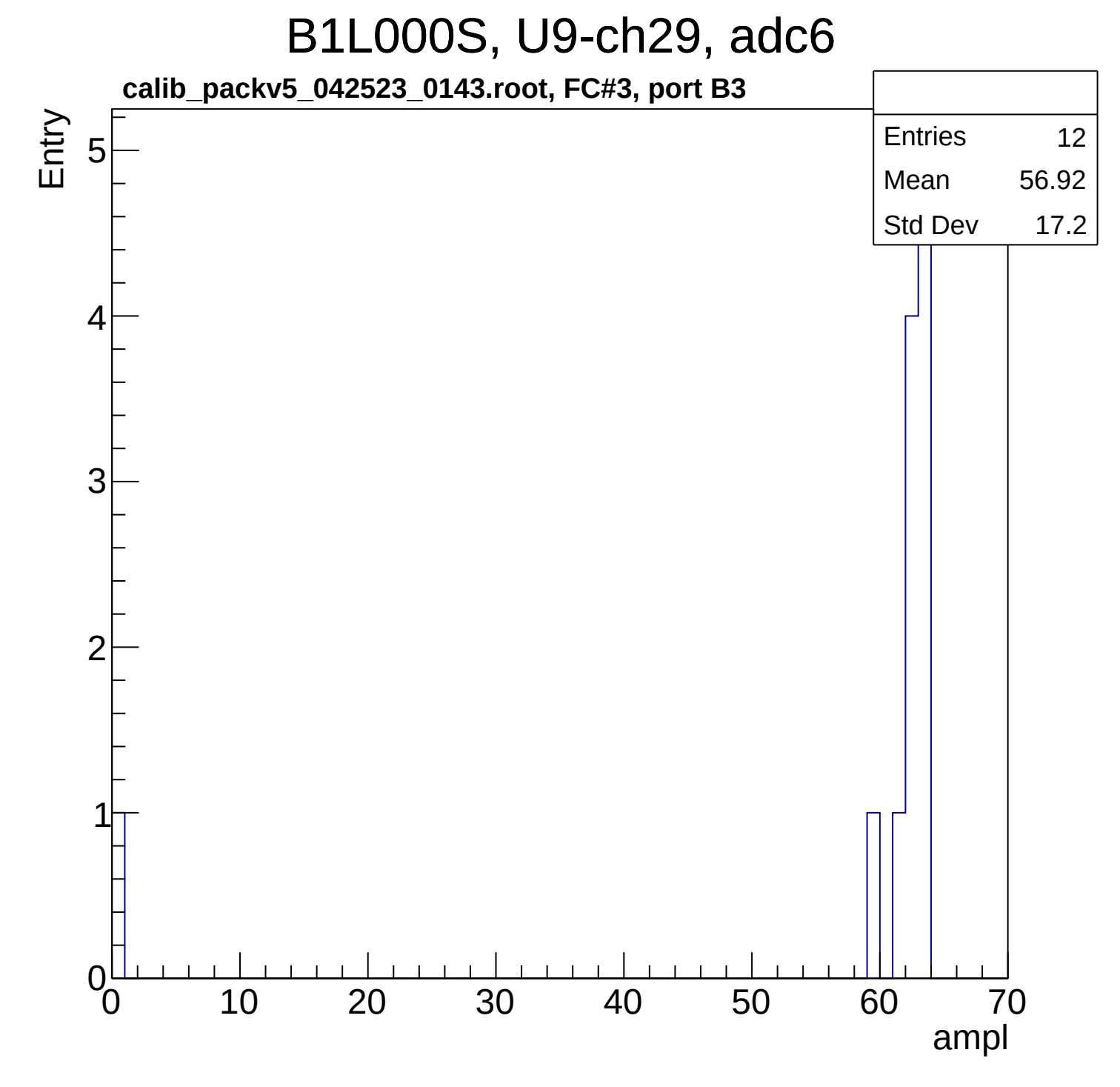
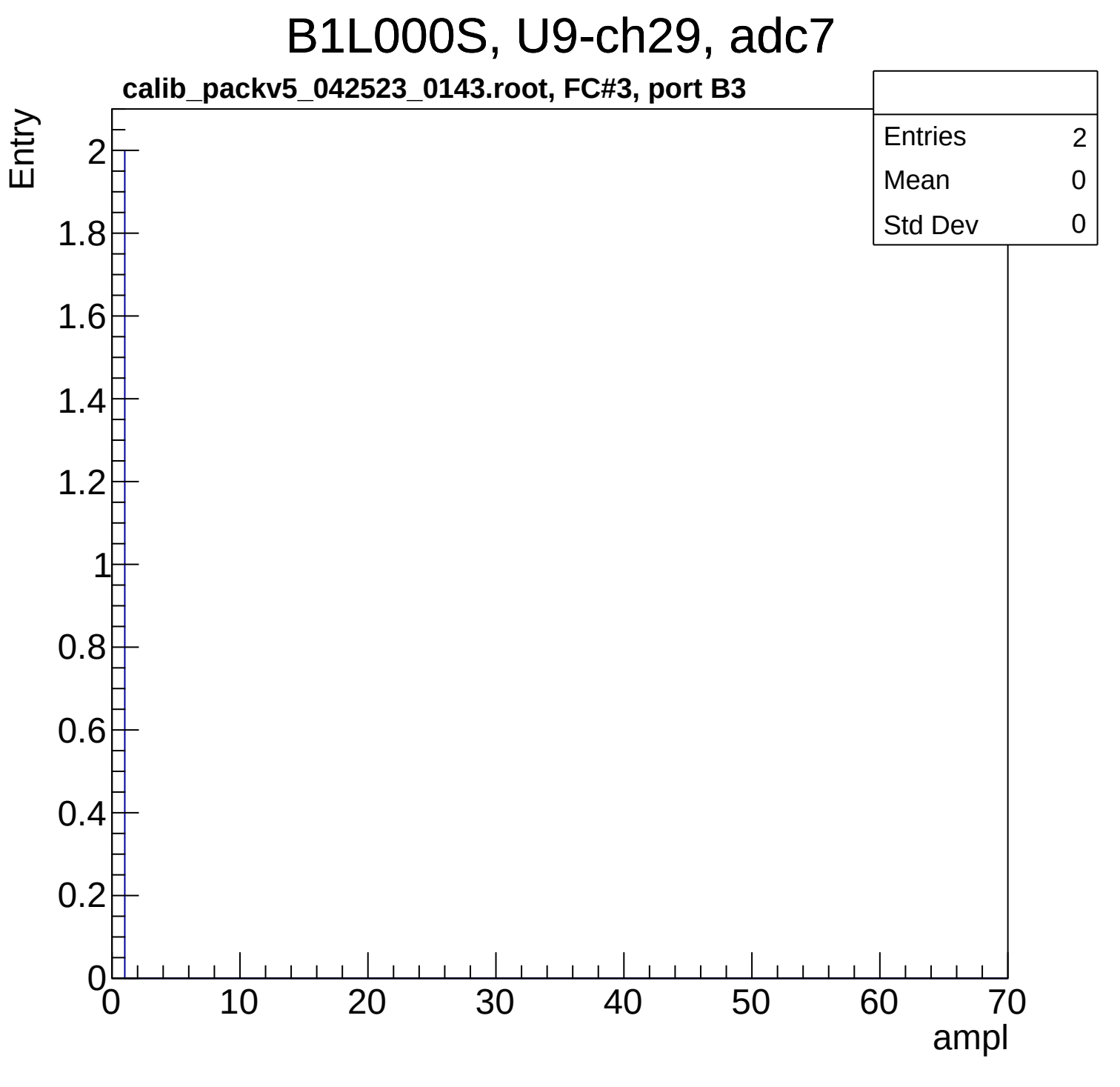
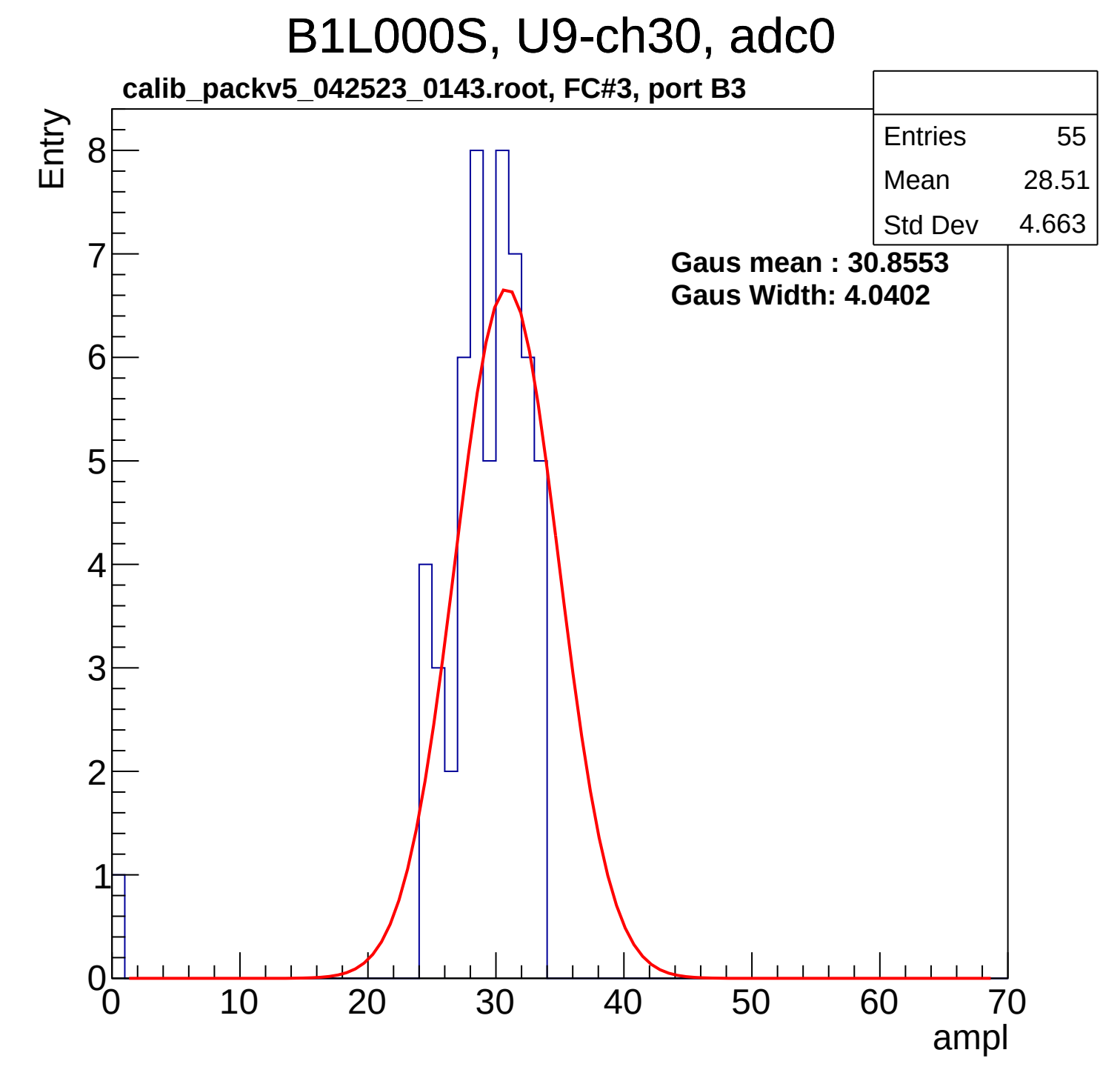
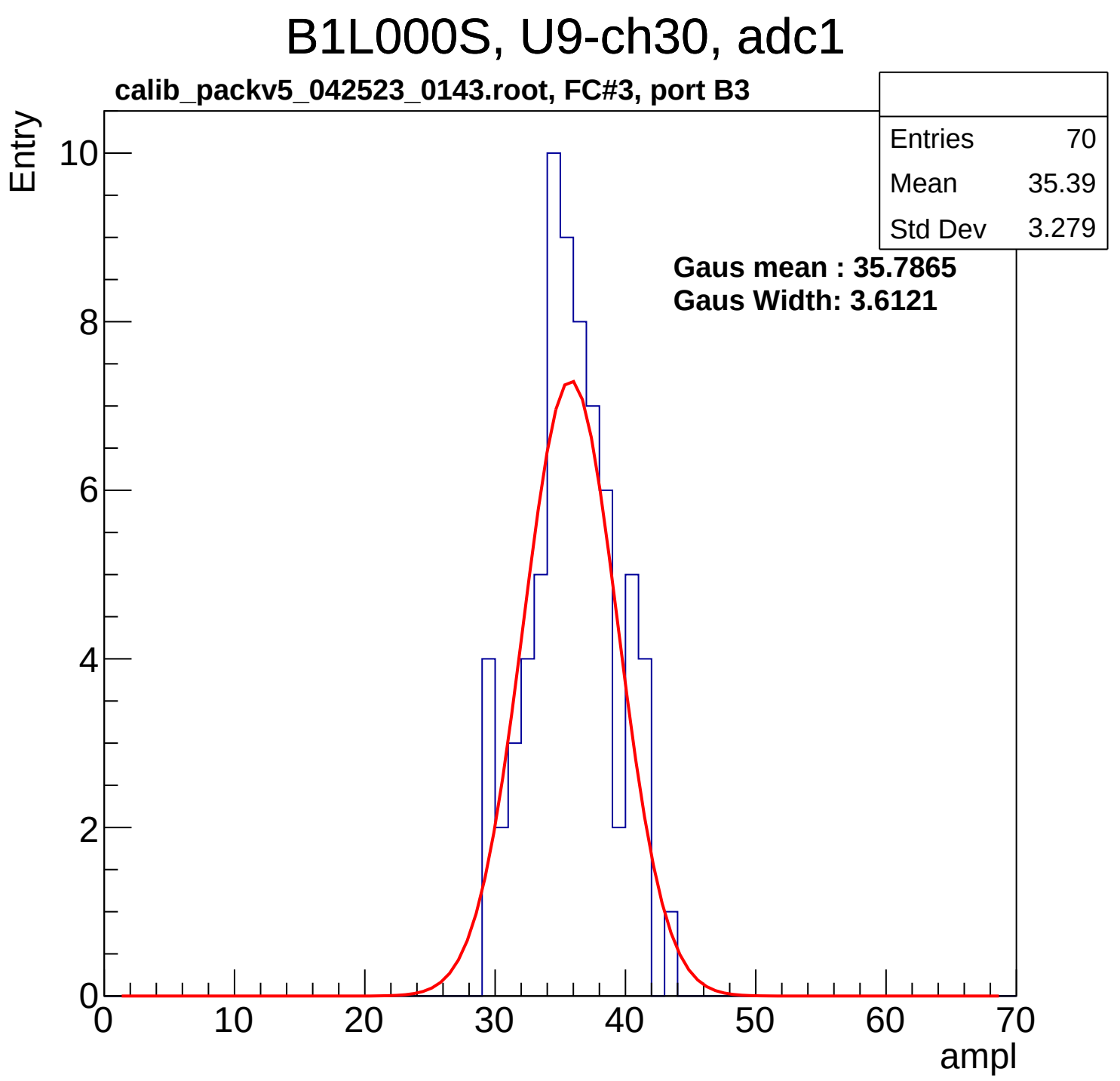
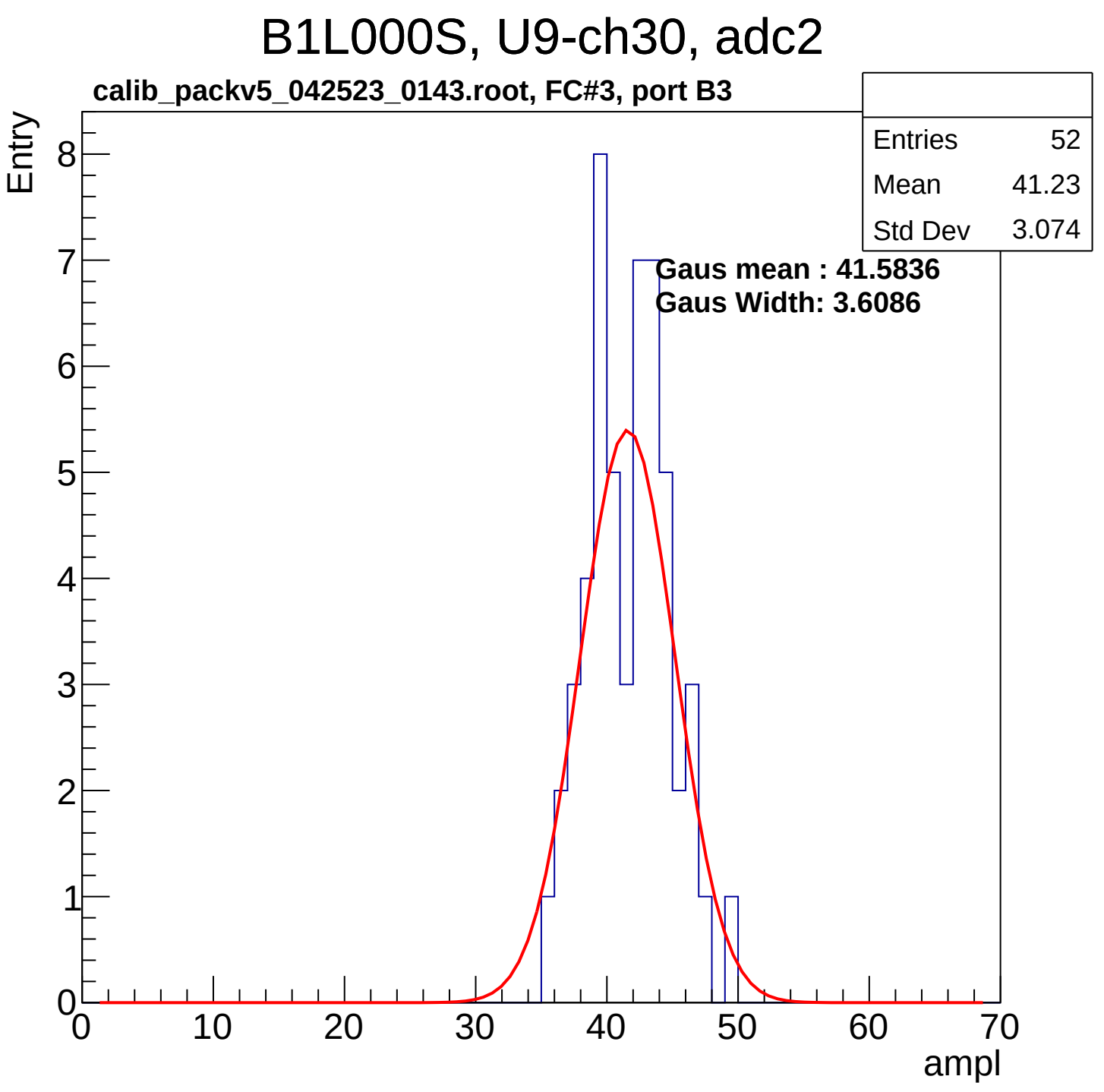
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch29, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.92
Std Dev 17.2
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch29, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch30, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.51
Std Dev 4.663
Gaus mean : 30.8553
Gaus Width: 4.0402
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch30, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.39
Std Dev 3.279
Gaus mean : 35.7865
Gaus Width: 3.6121
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch30, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 41.23
Std Dev 3.074
Gaus mean : 41.5836
Gaus Width: 3.6086
Entry
ampl
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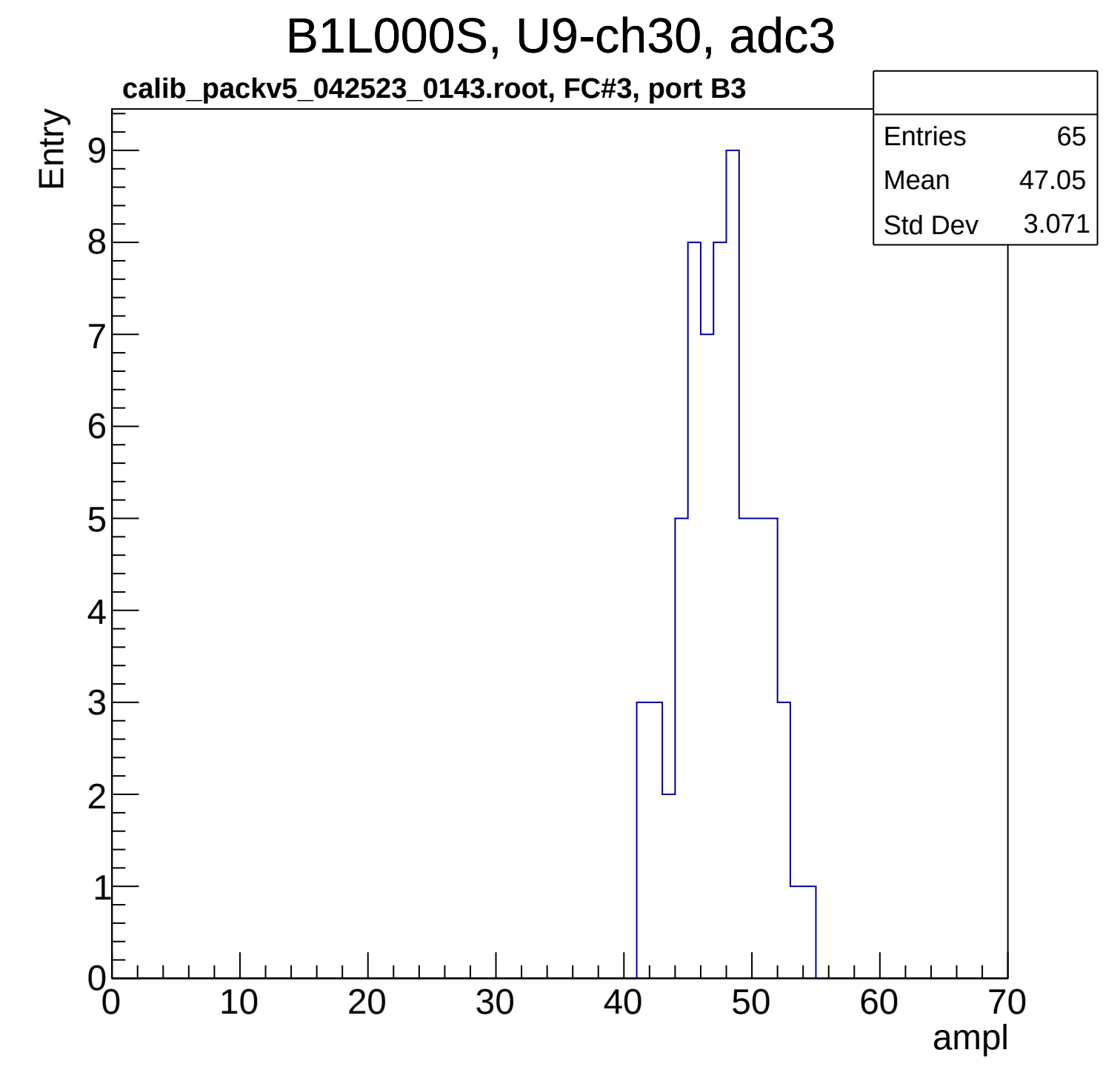
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch30, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 47.05
Std Dev 3.071
Entry
ampl
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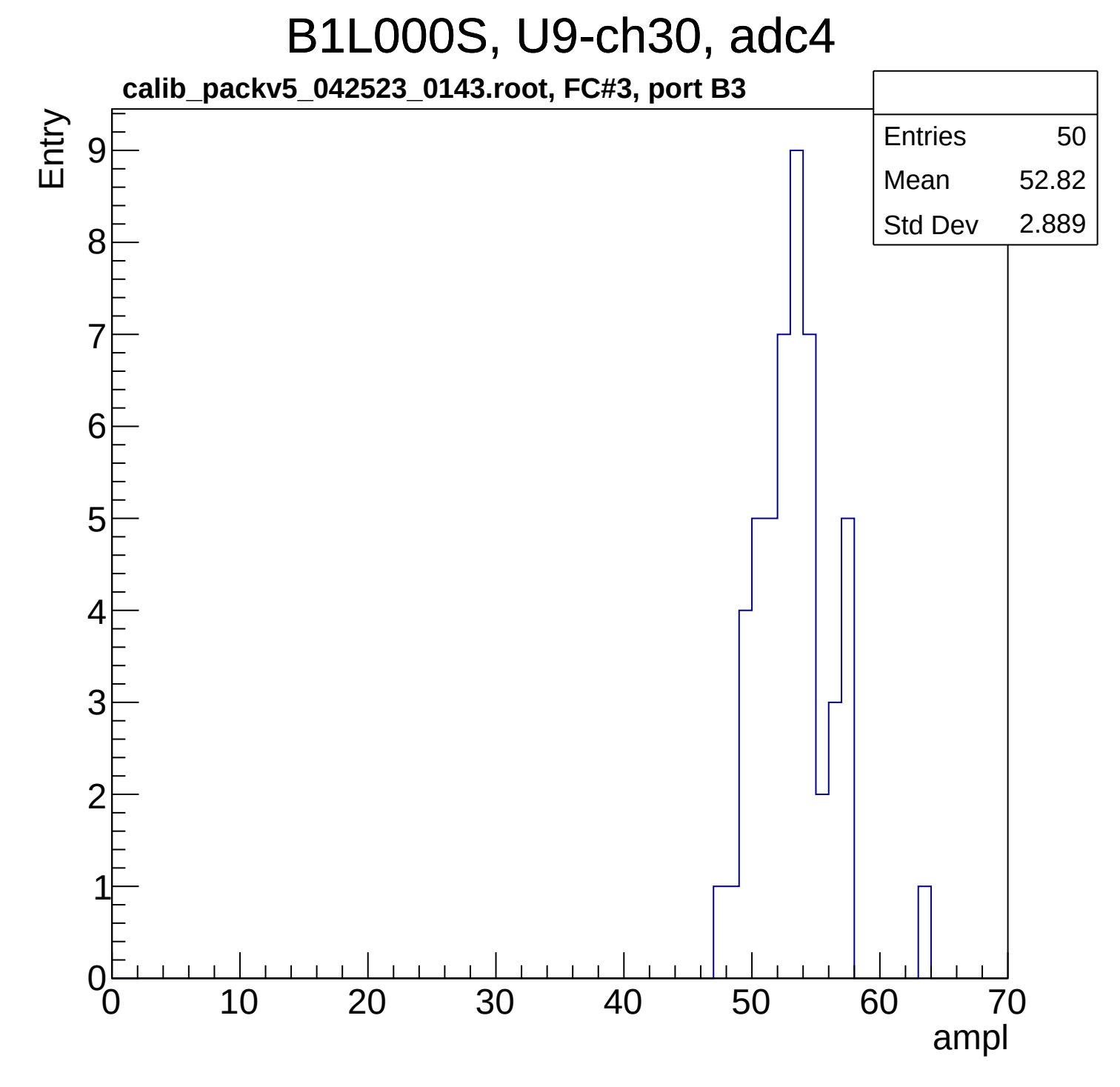
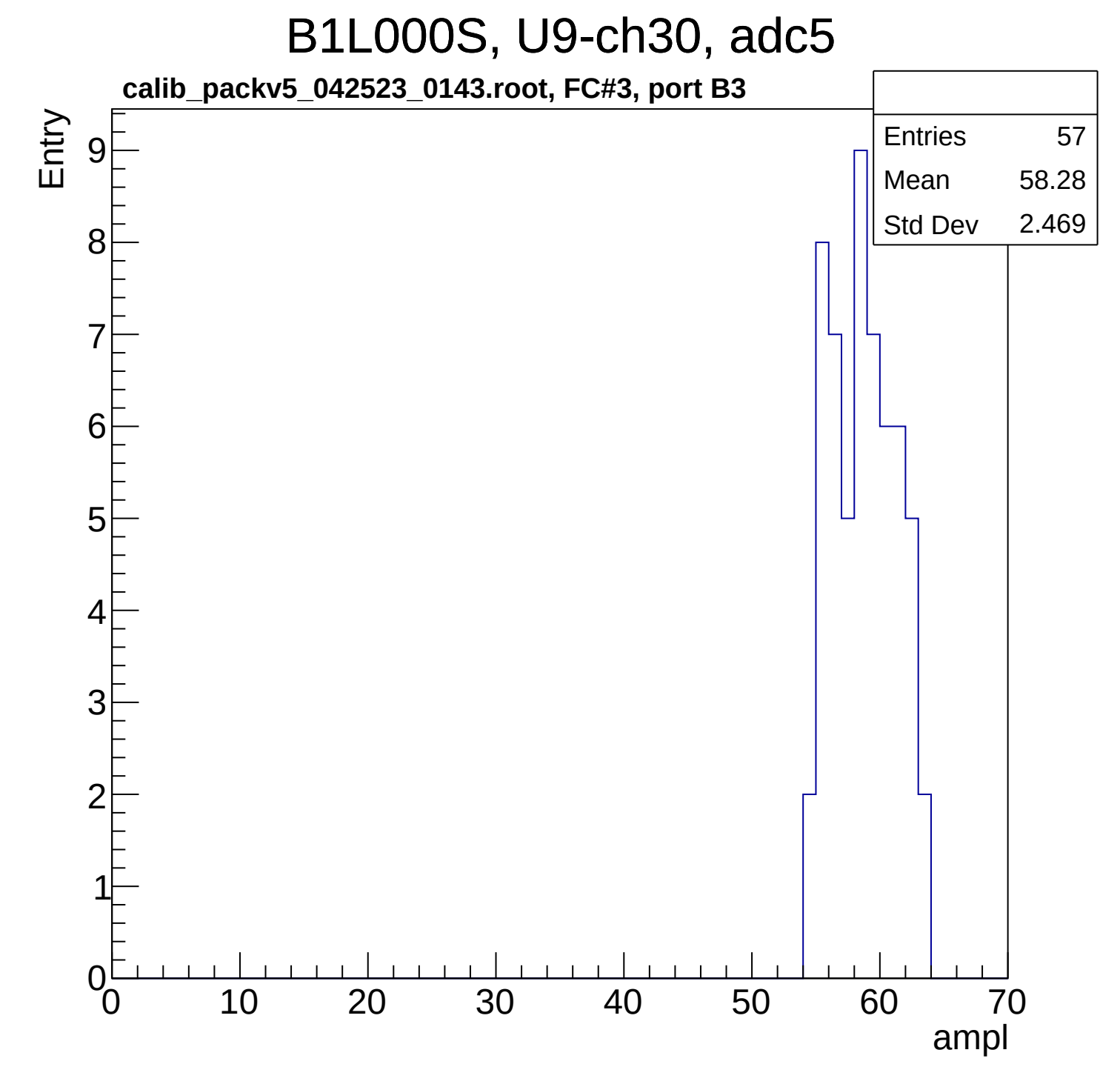
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch30, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 52.82
Std Dev 2.889
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch30, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.28
Std Dev 2.469
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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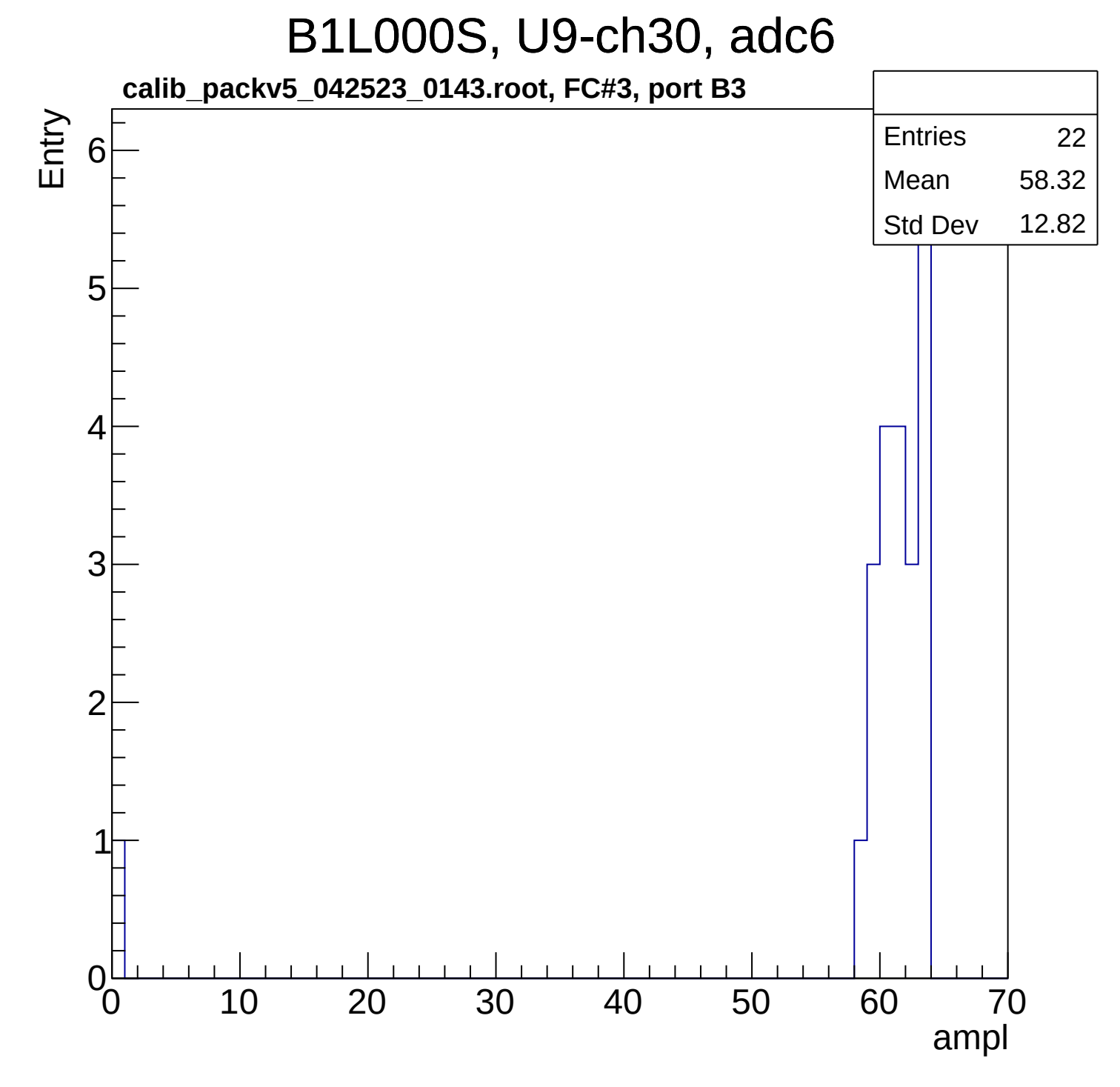
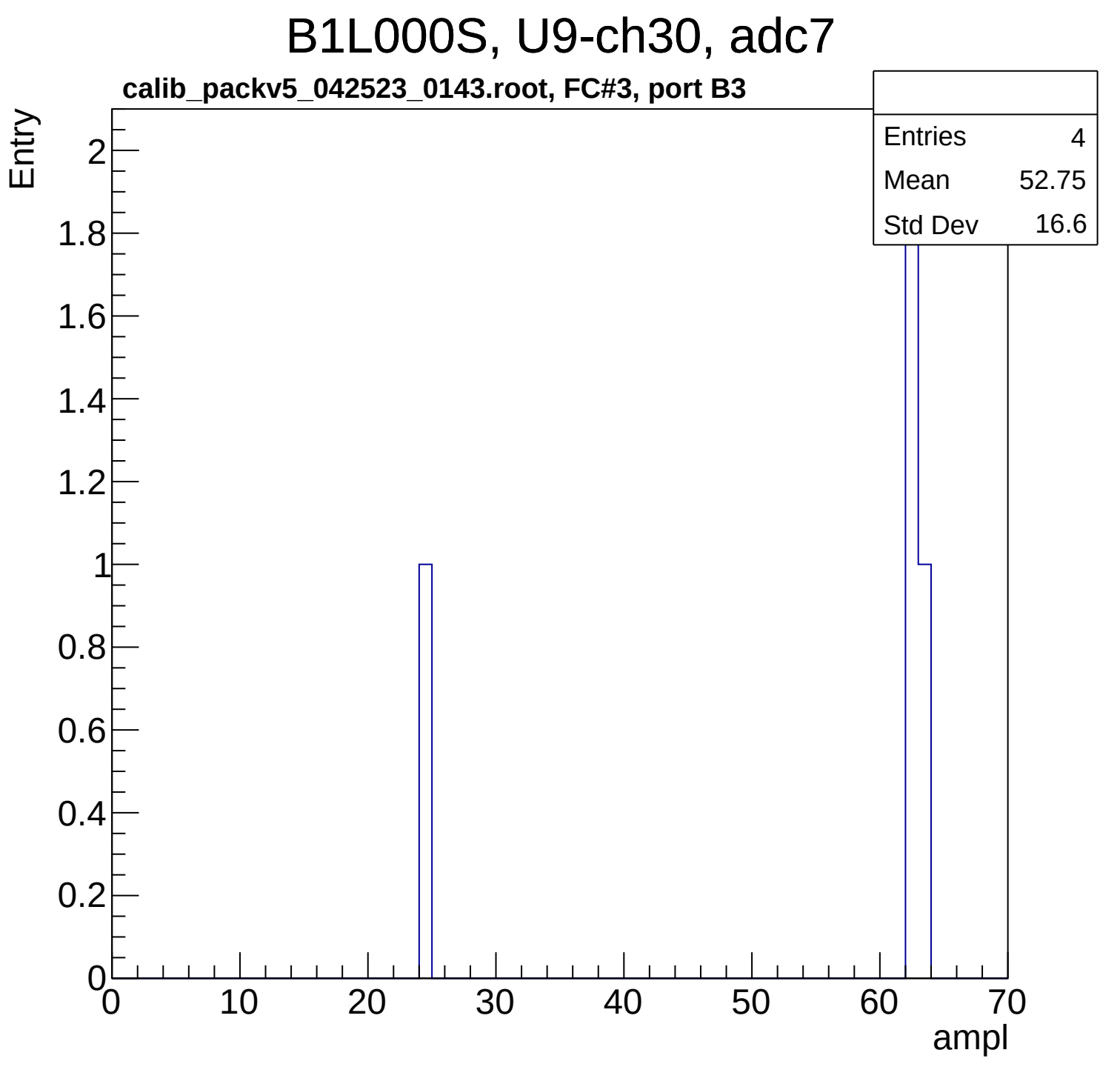

B1L000S, U9-ch30, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 58.32
Std Dev 12.82
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch30, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 52.75
Std Dev 16.6
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
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60
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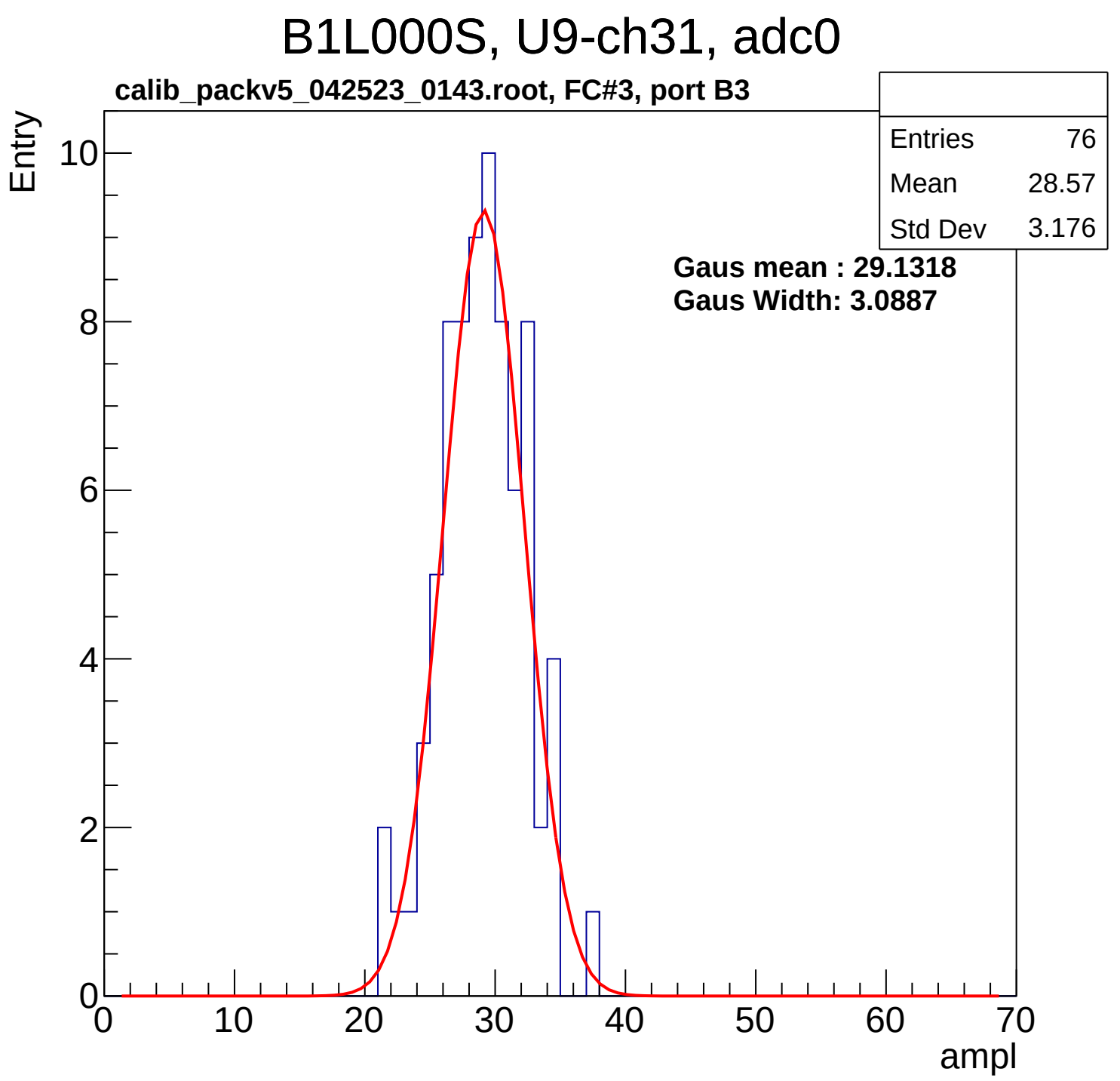
B1L000S, U9-ch31, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 28.57
Std Dev 3.176
Gaus mean : 29.1318
Gaus Width: 3.0887
Entry
ampl
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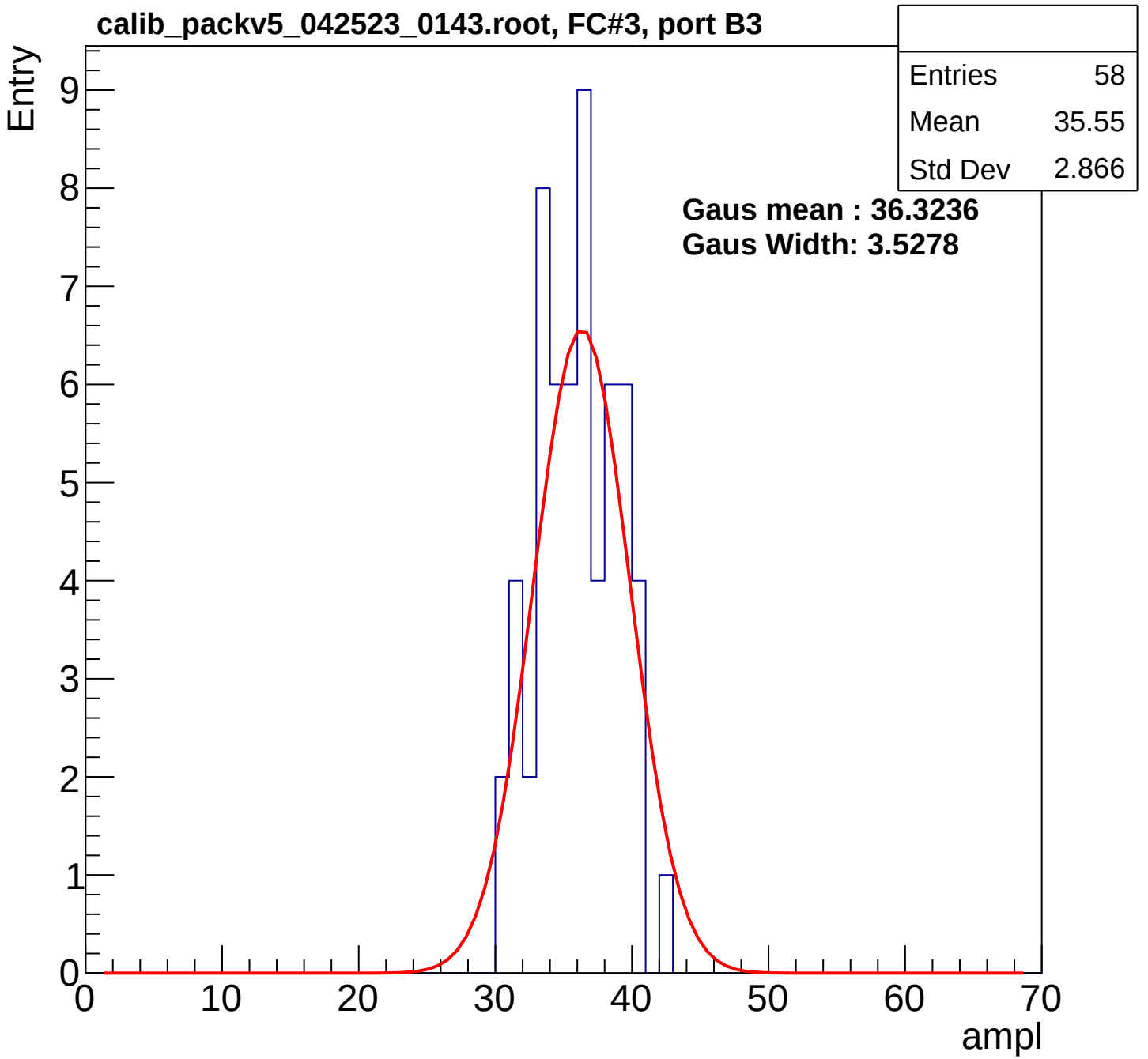
B1L000S, U9-ch31, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.55
Std Dev 2.866
Gaus mean : 36.3236
Gaus Width: 3.5278
Entry
ampl
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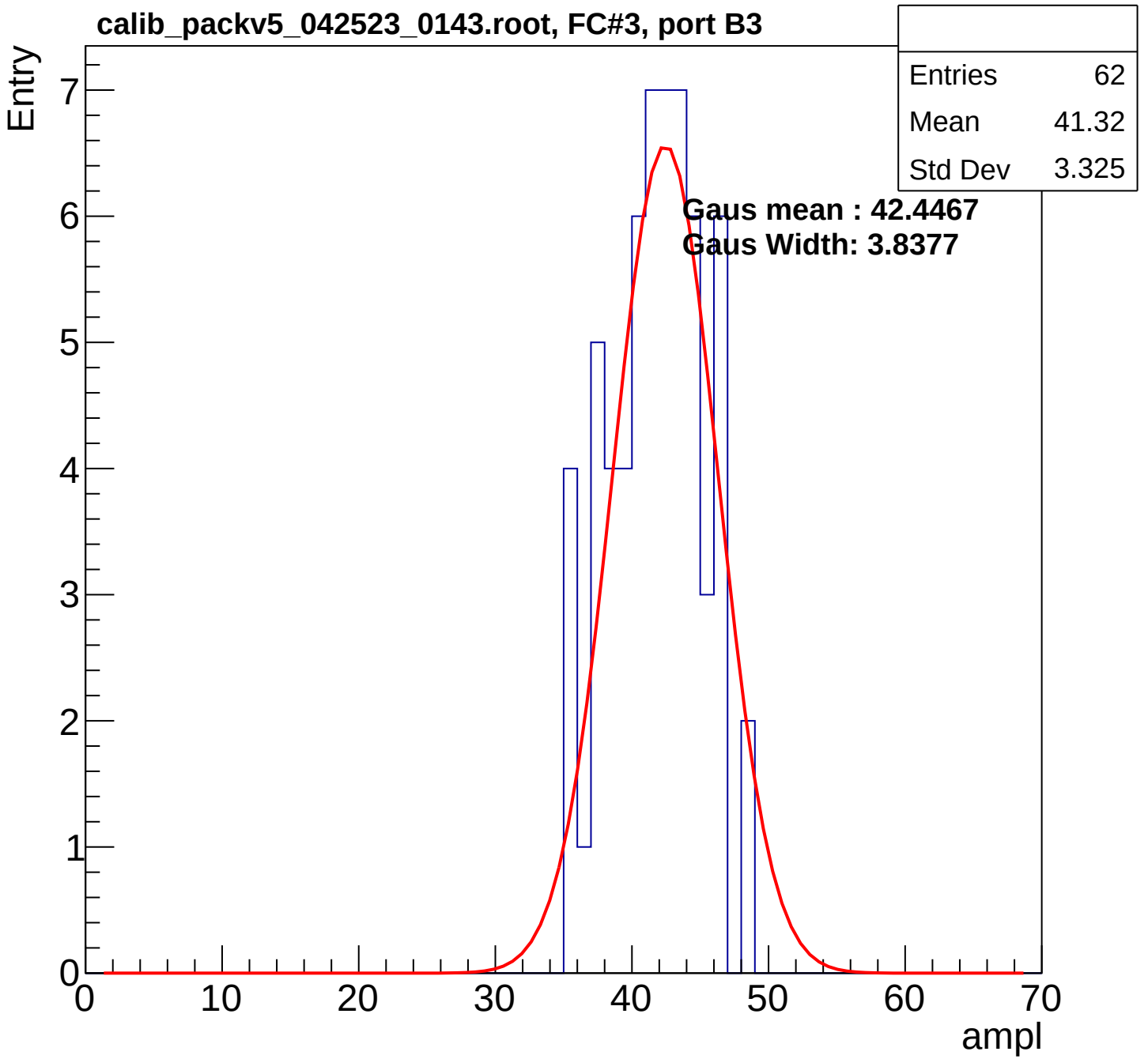
B1L000S, U9-ch31, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 41.32
Std Dev 3.325
Gaus mean : 42.4467
Gaus Width: 3.8377
Entry
ampl
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4
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6
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0
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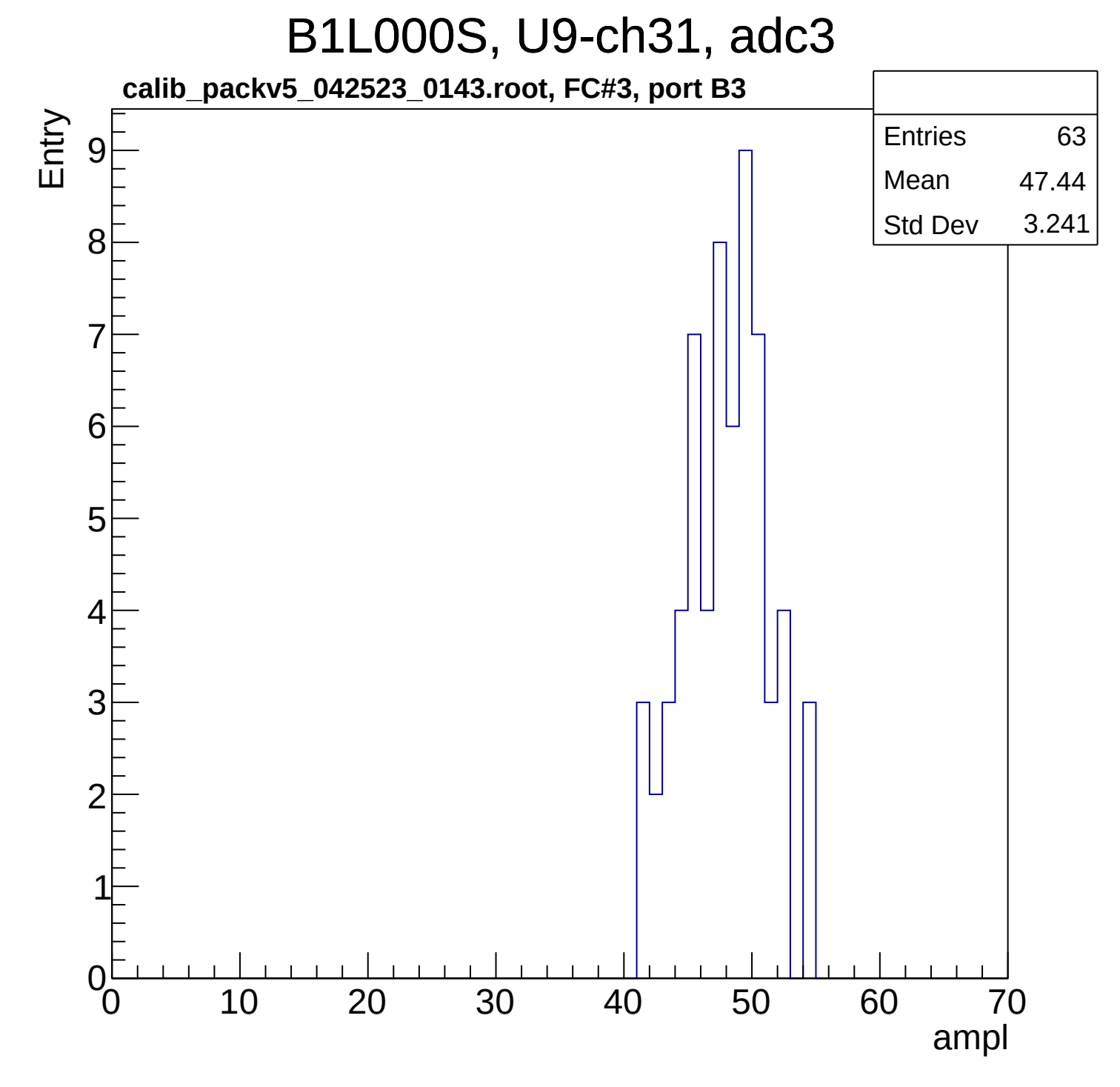
B1L000S, U9-ch31, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.44
Std Dev 3.241
Entry
ampl
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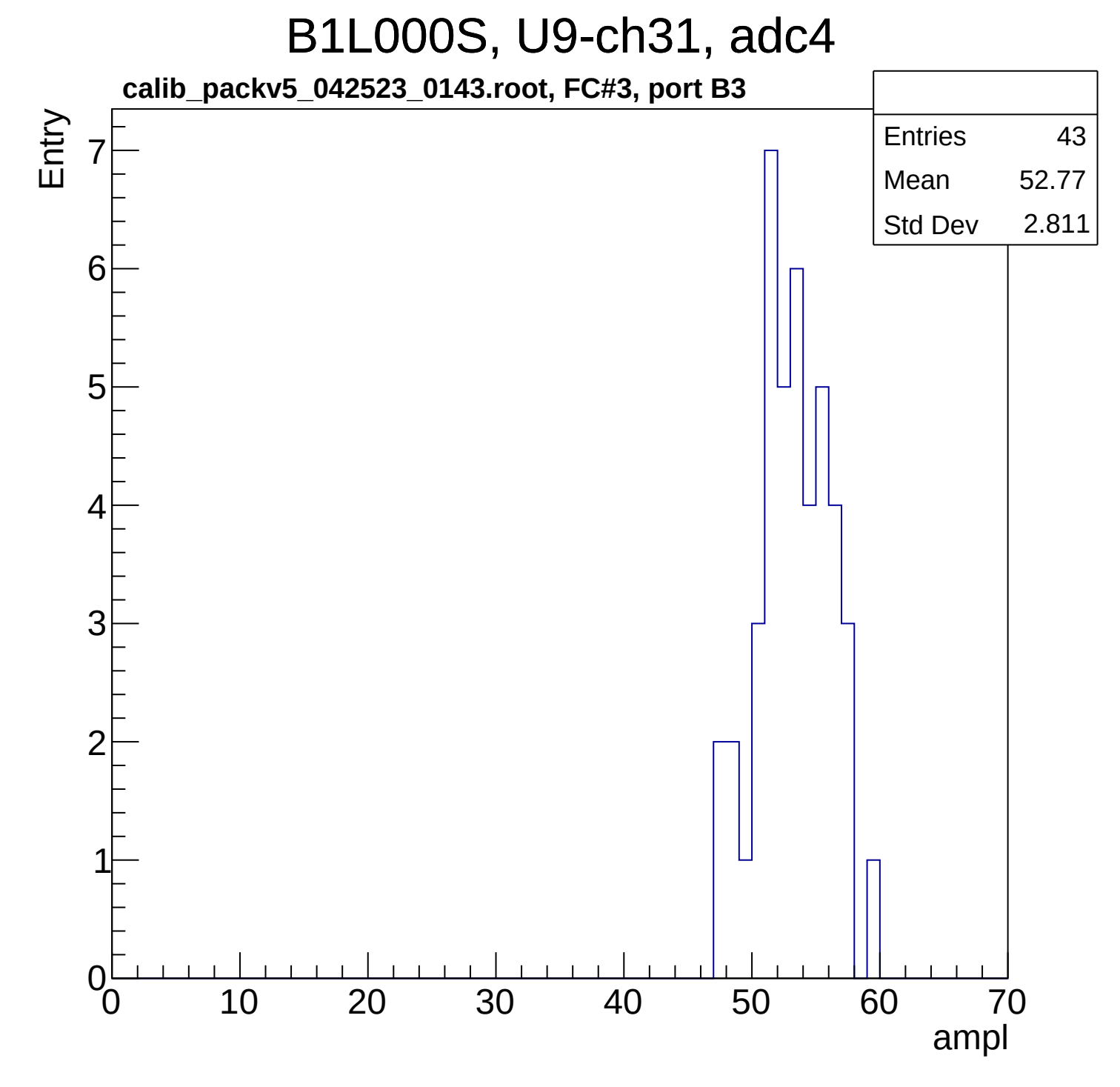
B1L000S, U9-ch31, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 52.77
Std Dev 2.811
Entry
ampl
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1
2
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4
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0
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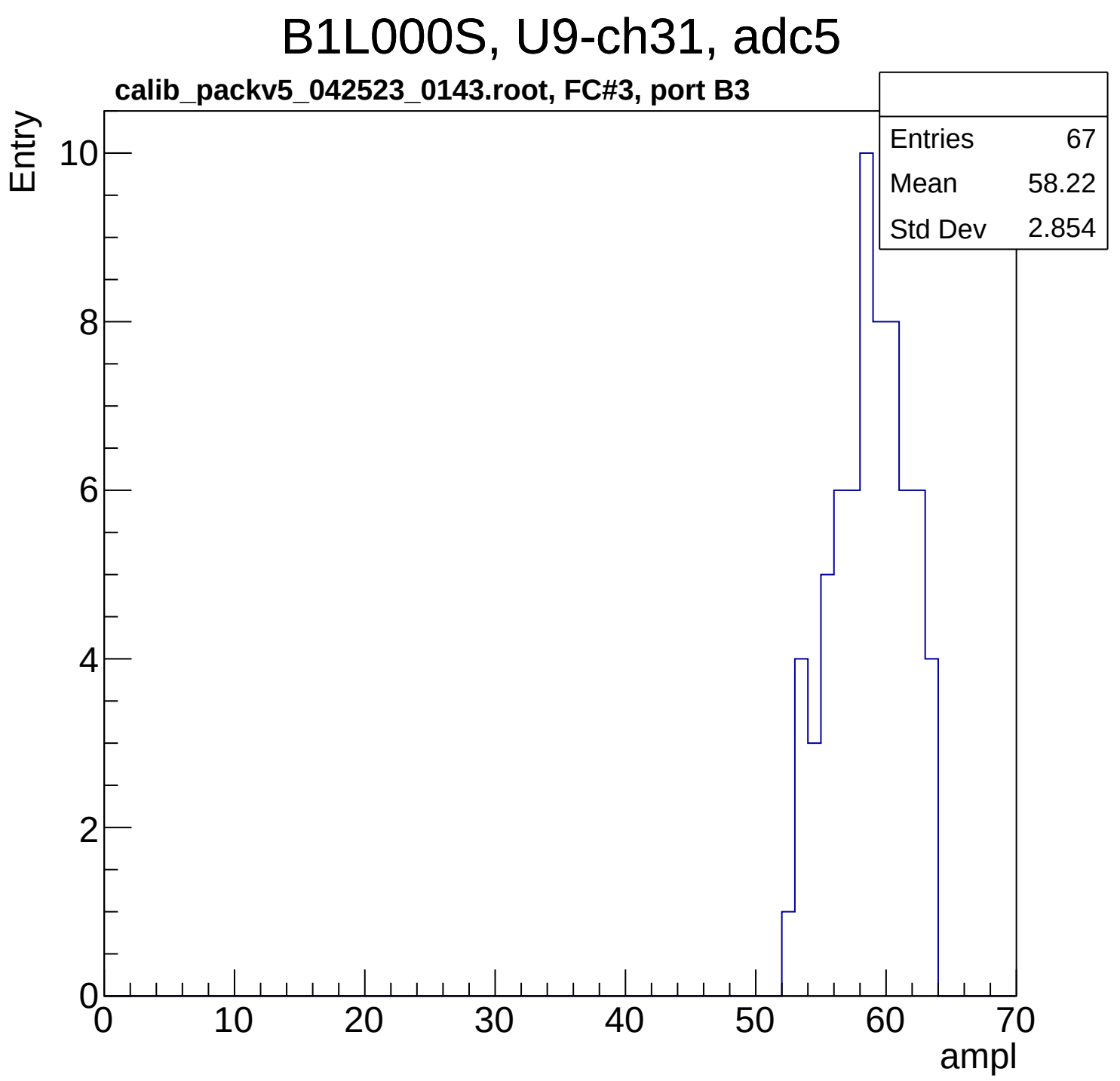
B1L000S, U9-ch31, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 58.22
Std Dev 2.854
Entry
0
2
4
6
8
10
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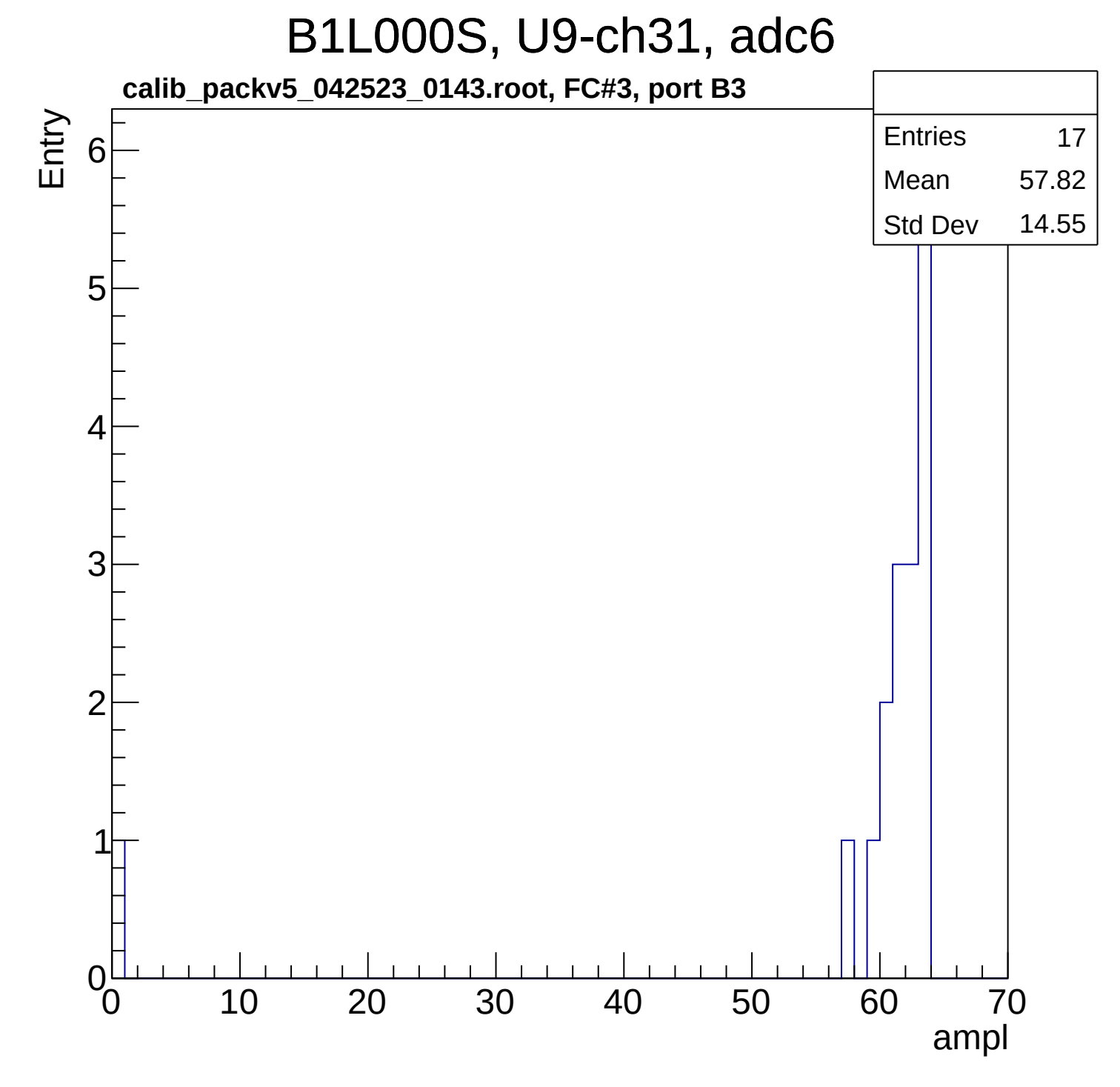
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch31, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.82
Std Dev 14.55
Entry
0
1
2
3
4
5
6
0
10
20
30
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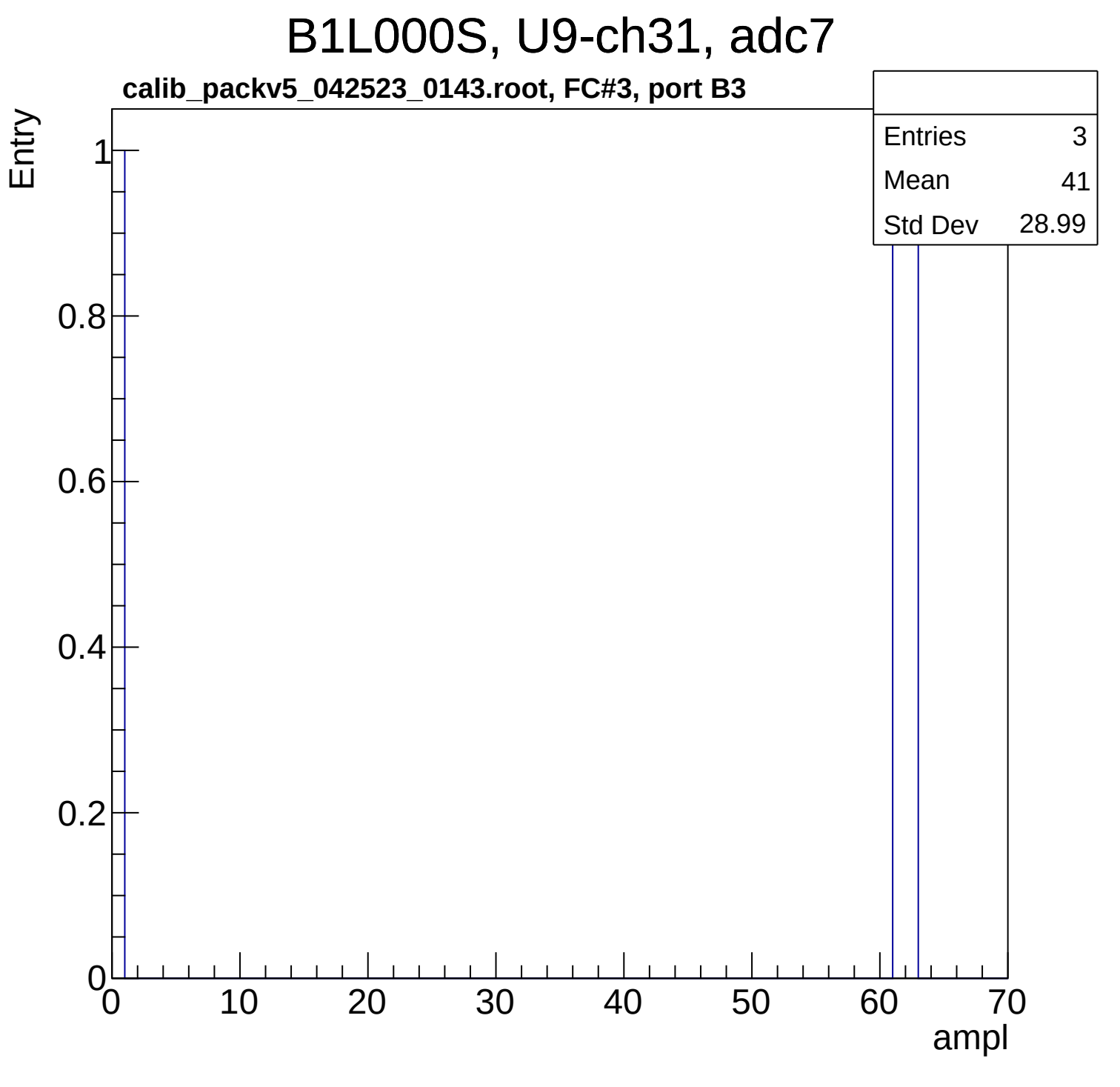
50
60
70
ampl


B1L000S, U9-ch31, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 41
Std Dev 28.99
Entry
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0.6
0.4
0.2
0
0
10
20
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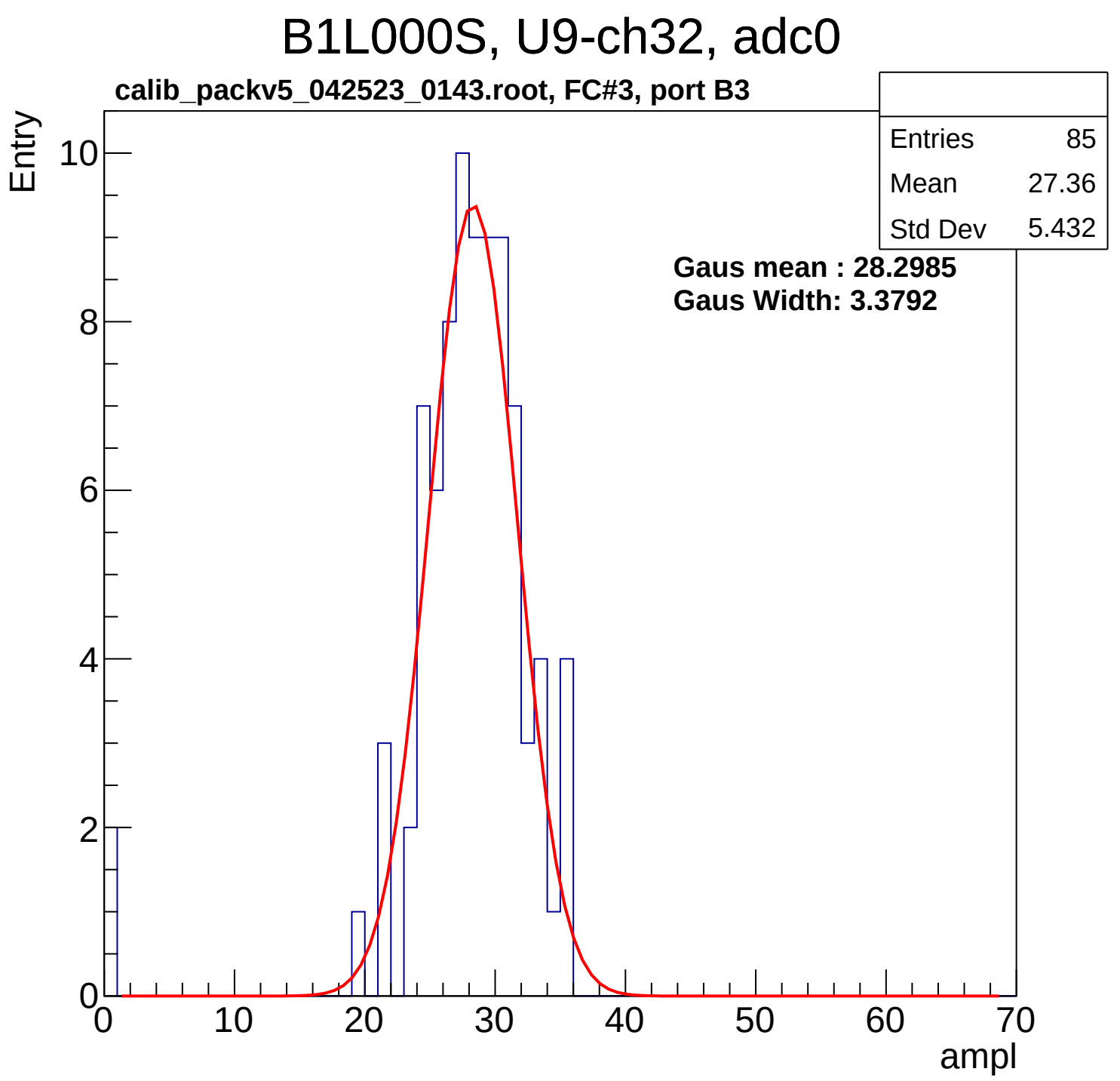
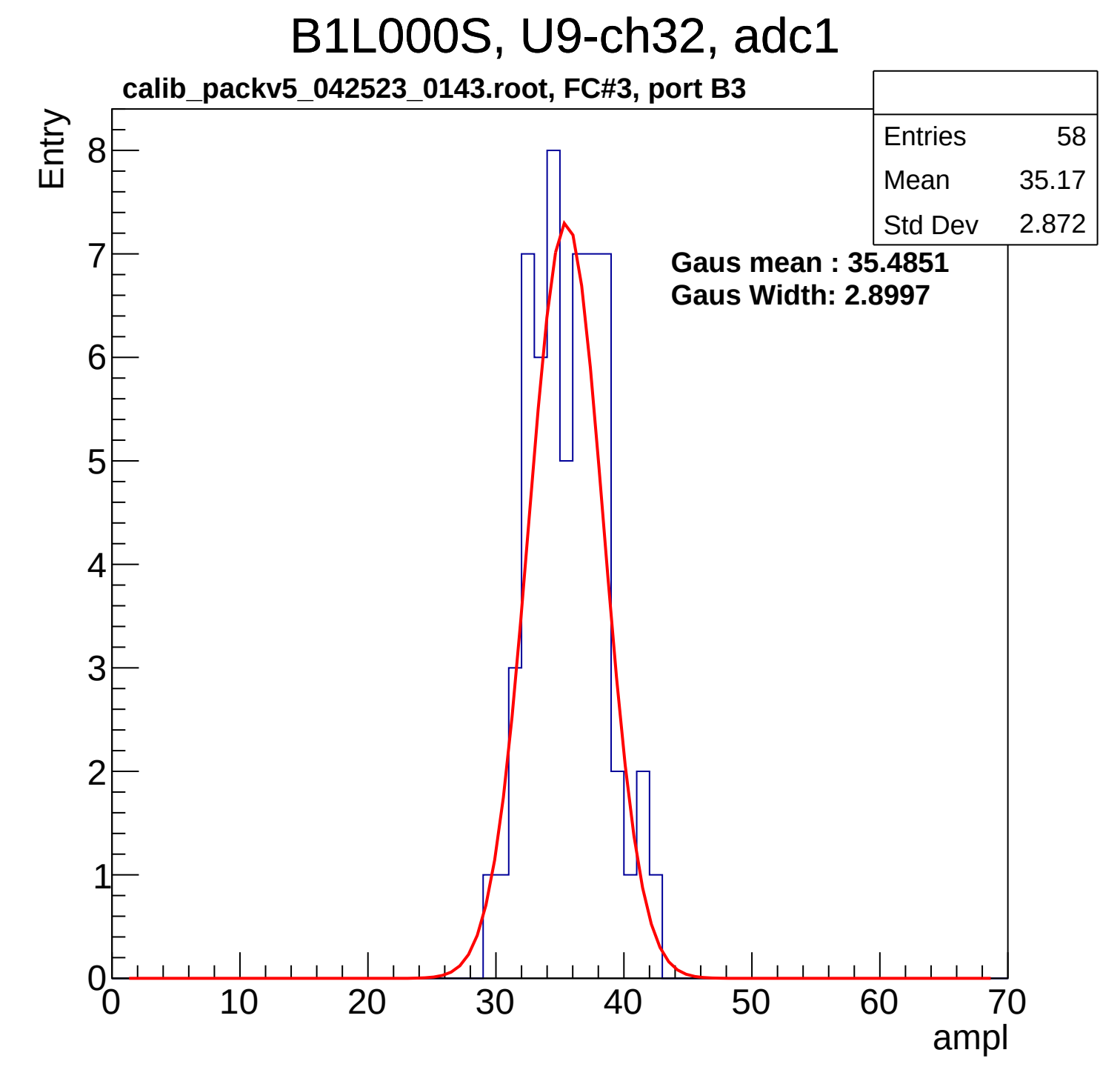
50
60
70
ampl


B1L000S, U9-ch32, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 27.36
Std Dev 5.432
Gaus mean : 28.2985
Gaus Width: 3.3792
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch32, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.17
Std Dev 2.872
Gaus mean : 35.4851
Gaus Width: 2.8997
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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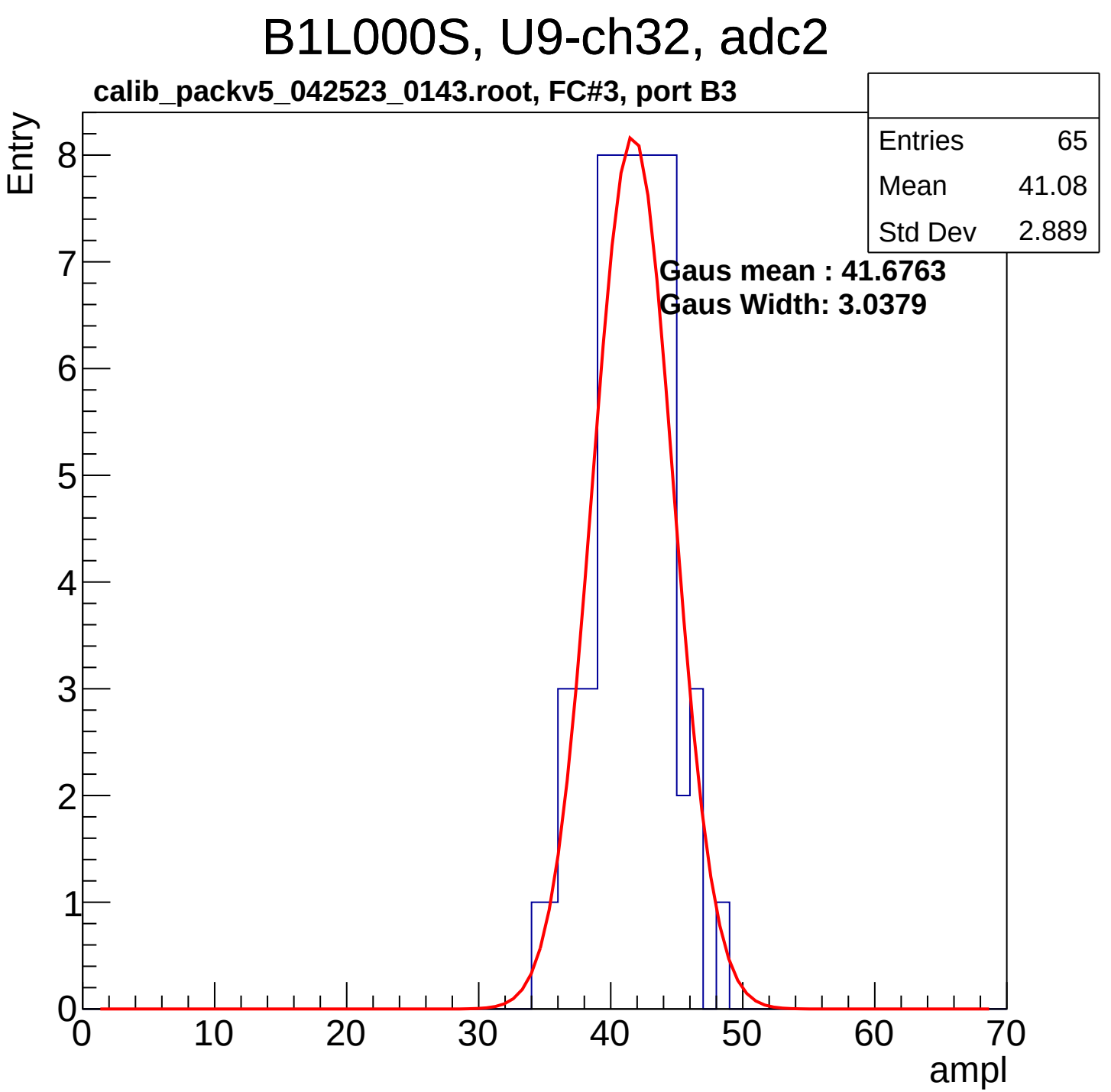
B1L000S, U9-ch32, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.08
Std Dev 2.889
Gaus mean : 41.6763
Gaus Width: 3.0379
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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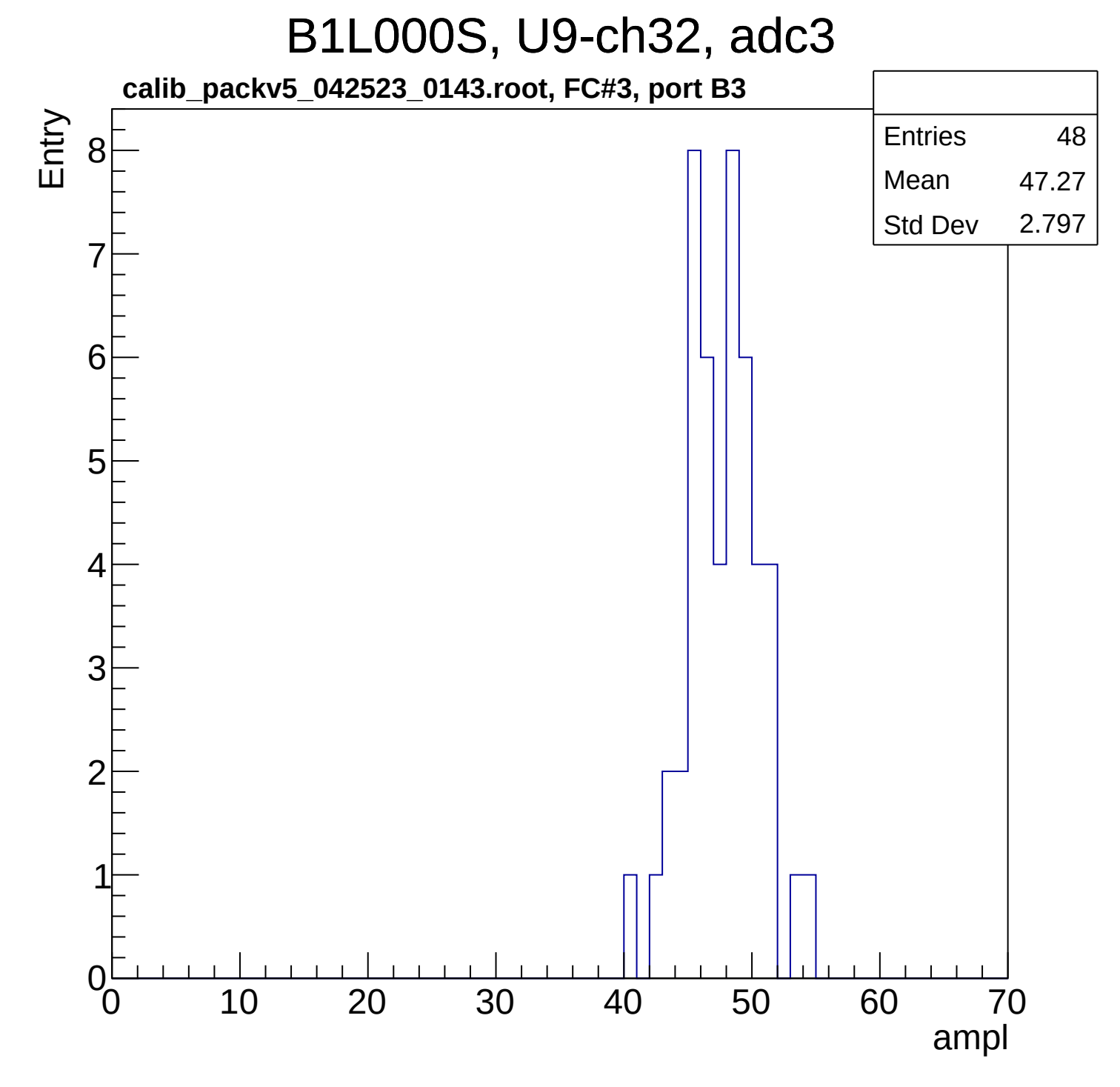
B1L000S, U9-ch32, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 47.27
Std Dev 2.797
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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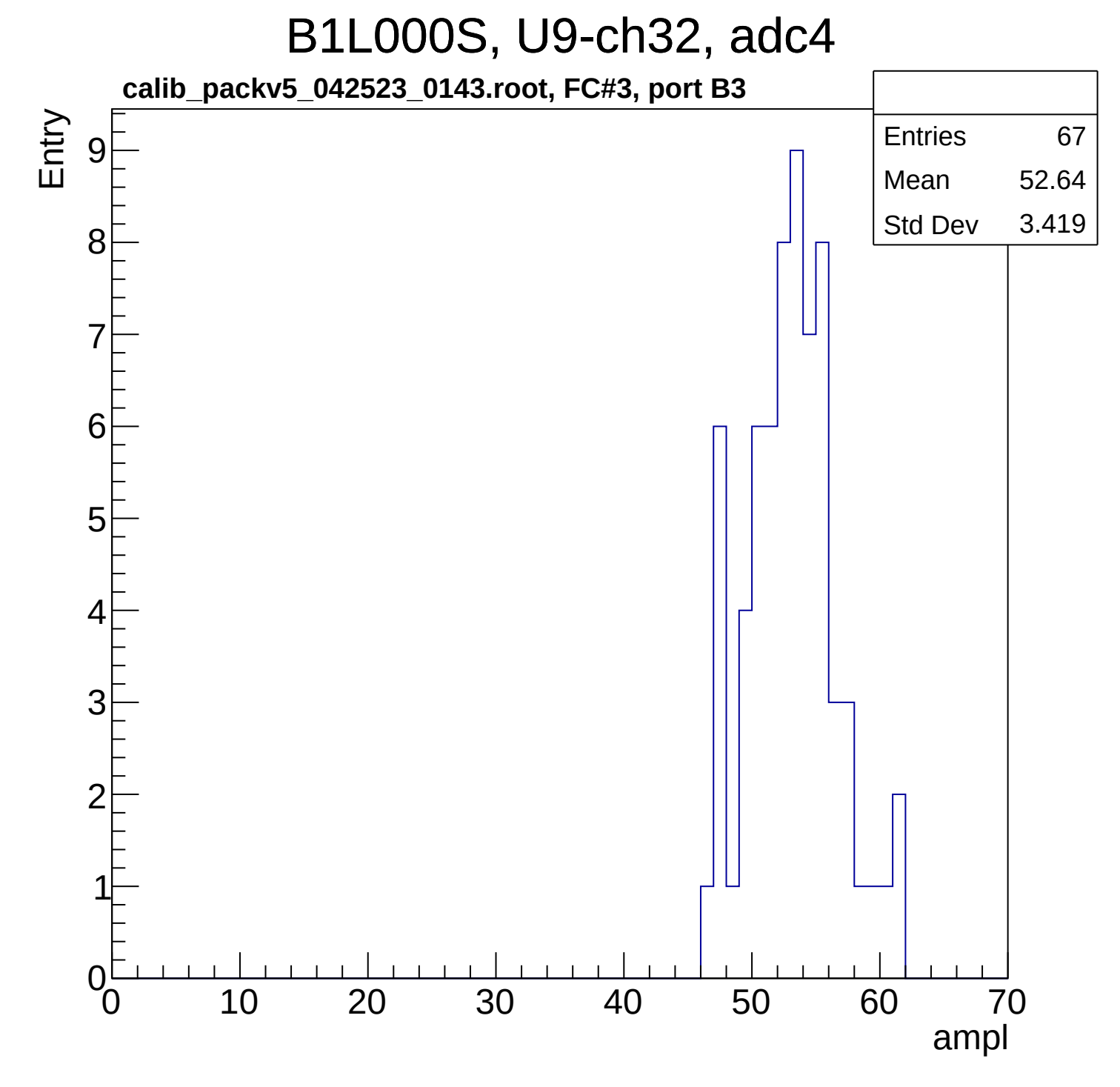
B1L000S, U9-ch32, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 52.64
Std Dev 3.419
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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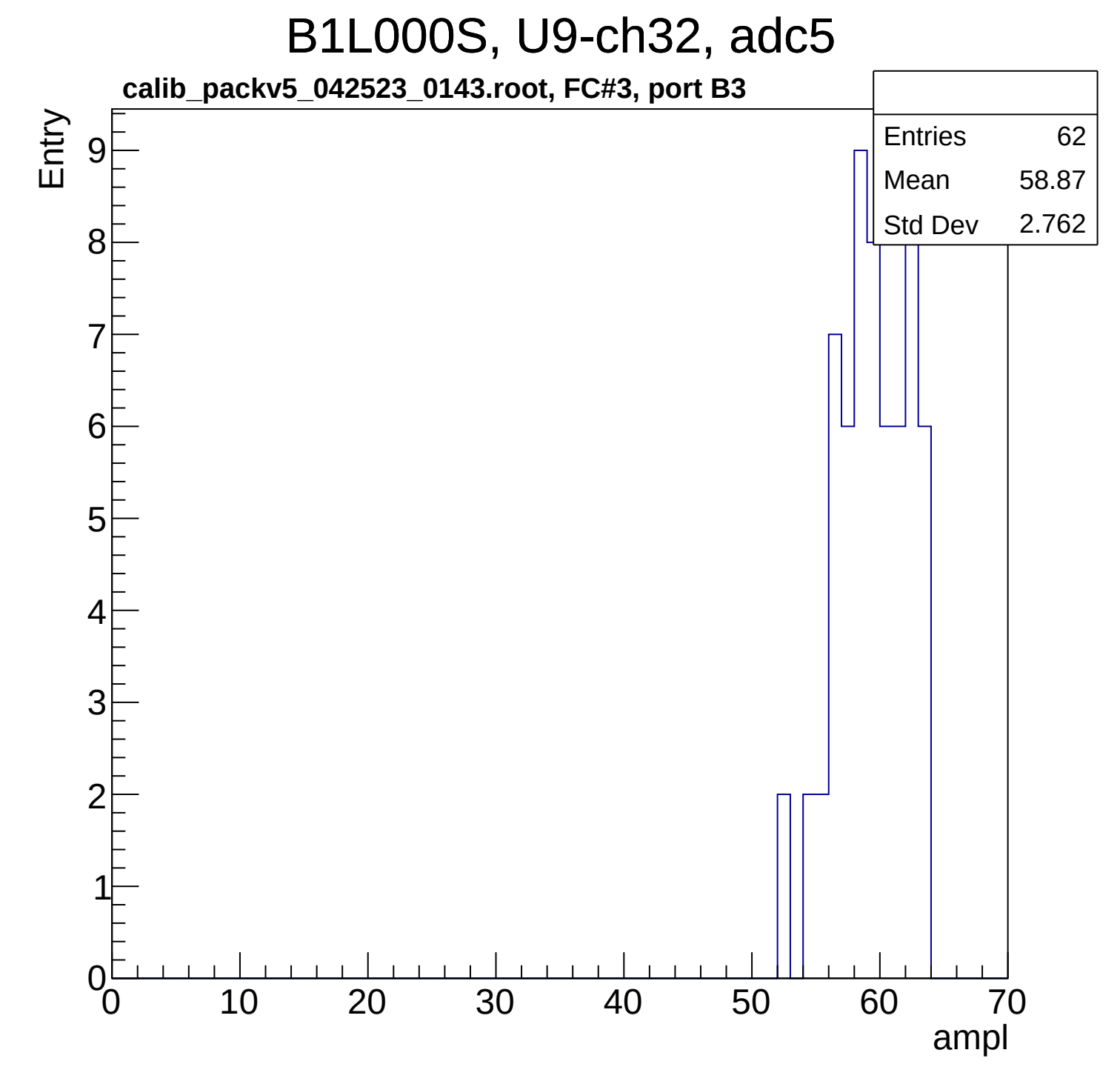
B1L000S, U9-ch32, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 58.87
Std Dev 2.762
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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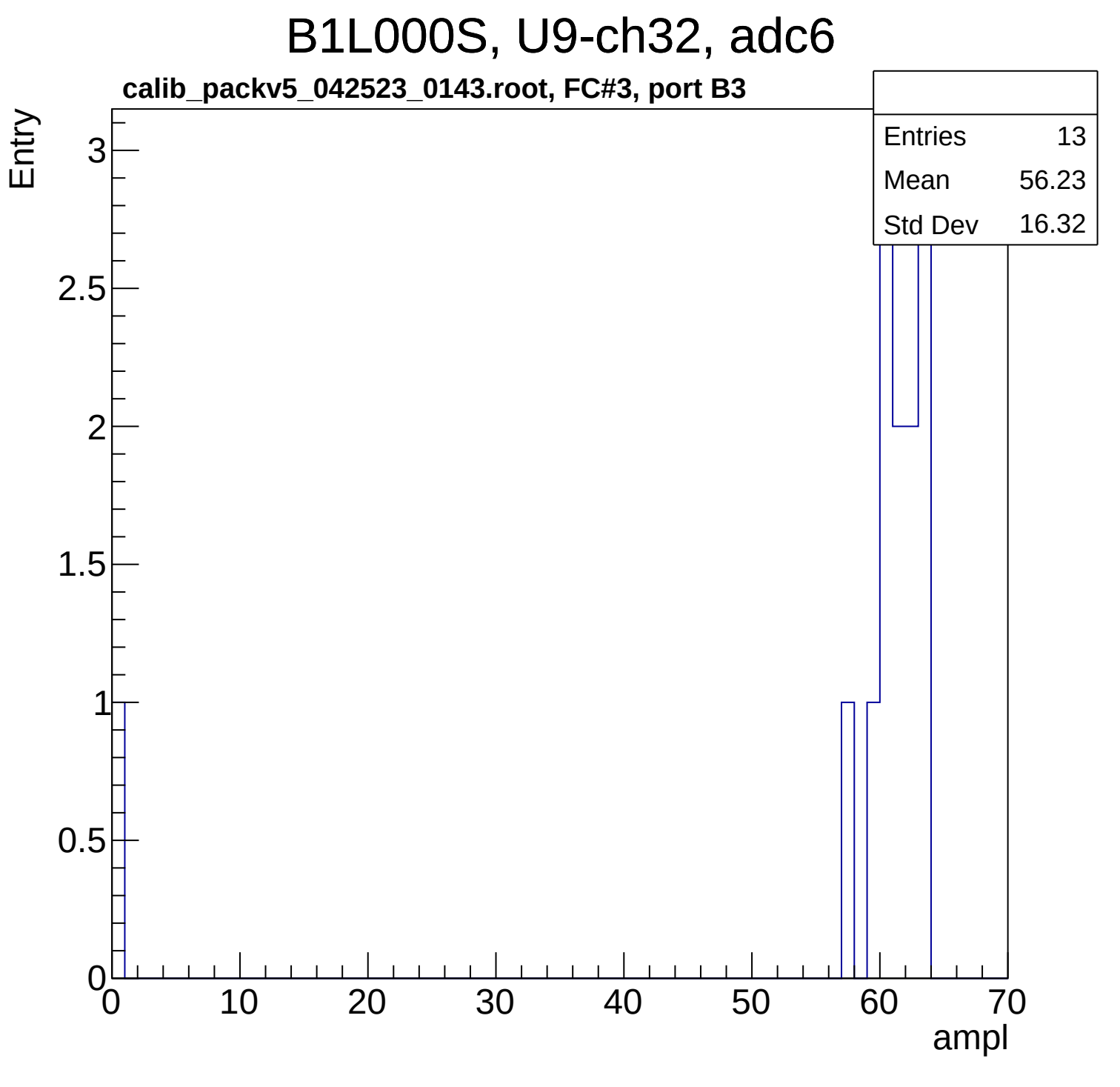
B1L000S, U9-ch32, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 56.23
Std Dev 16.32
Entry
ampl
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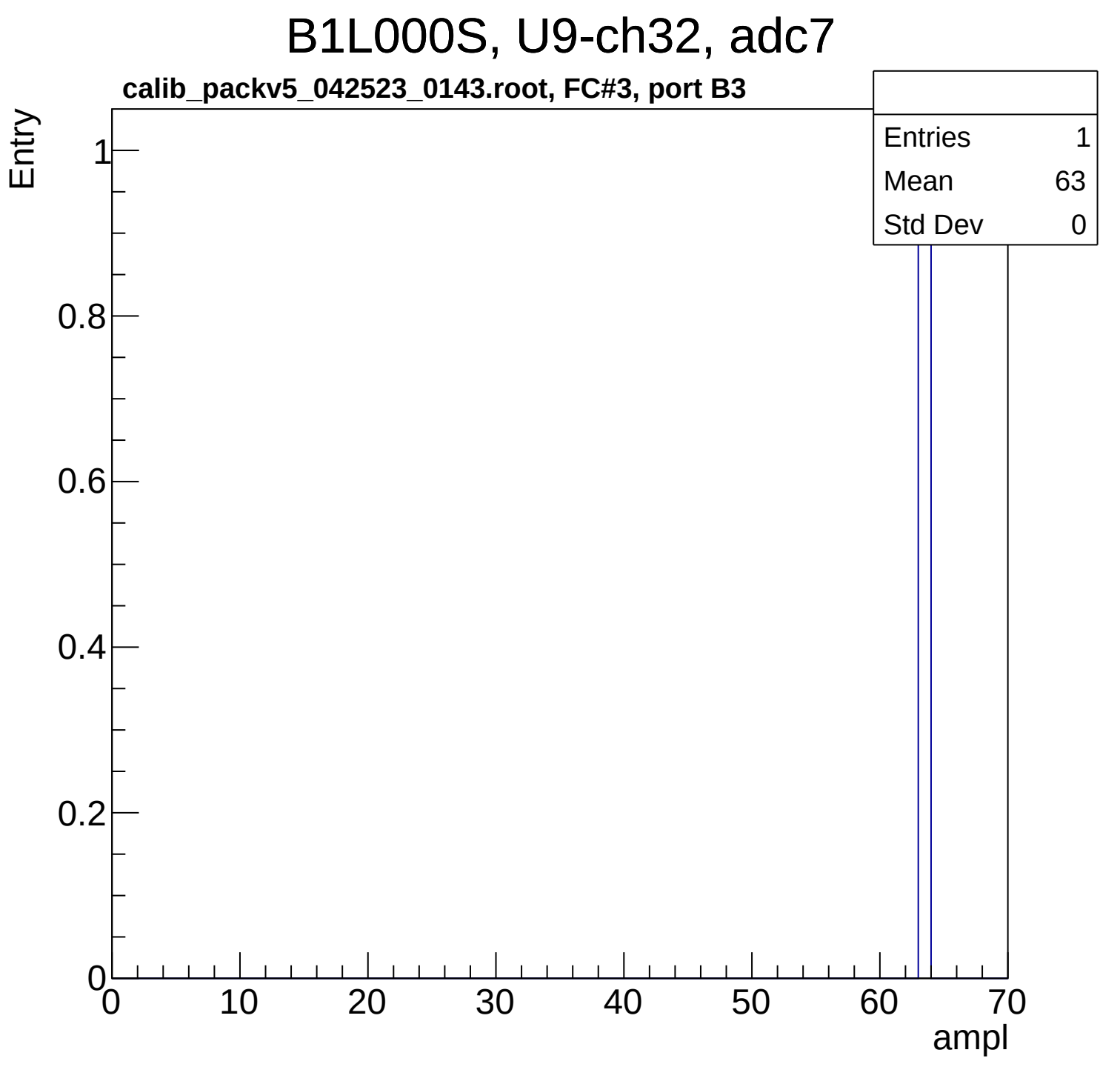
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch32, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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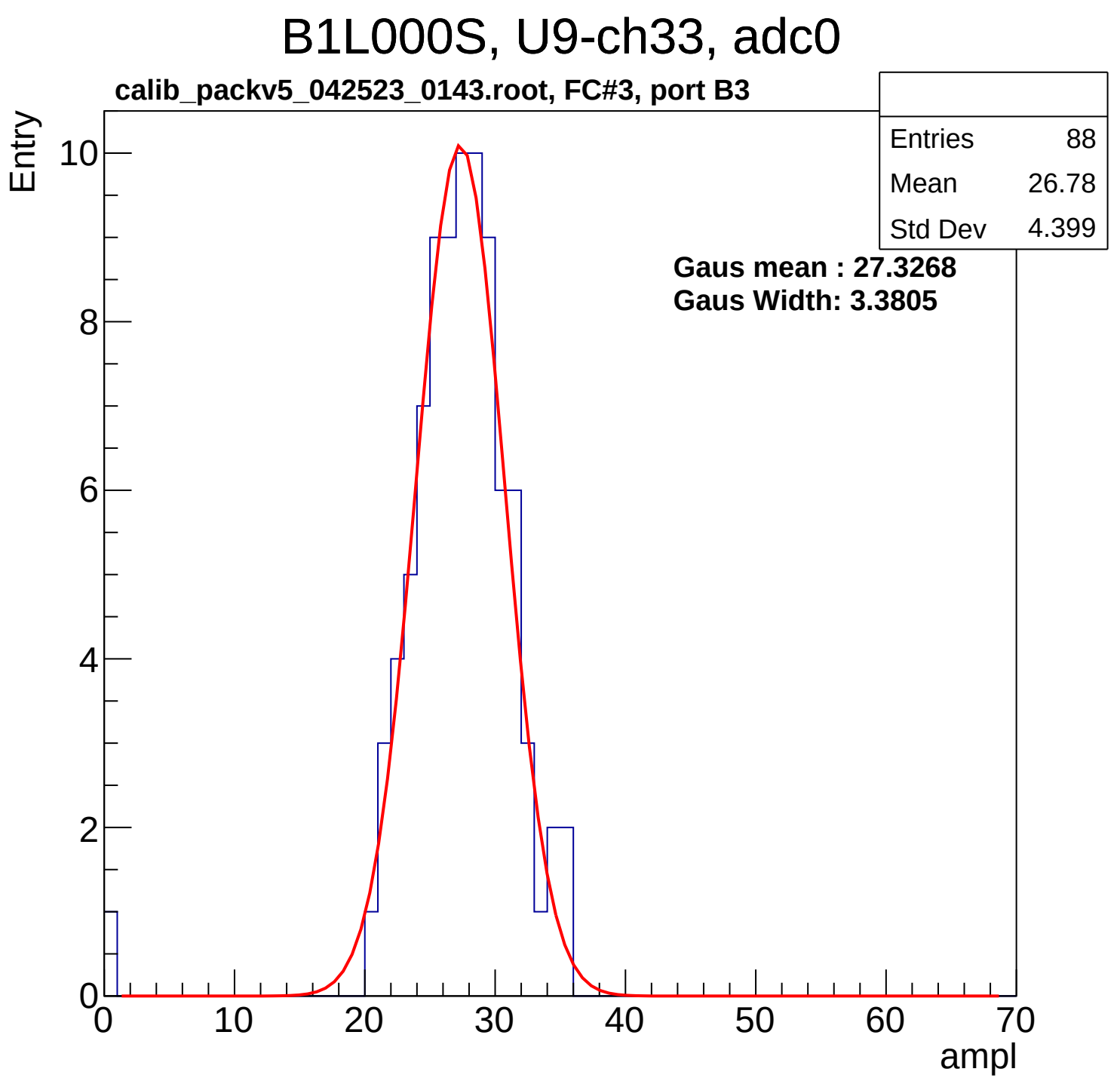
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch33, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 88
Mean 26.78
Std Dev 4.399
Gaus mean : 27.3268
Gaus Width: 3.3805
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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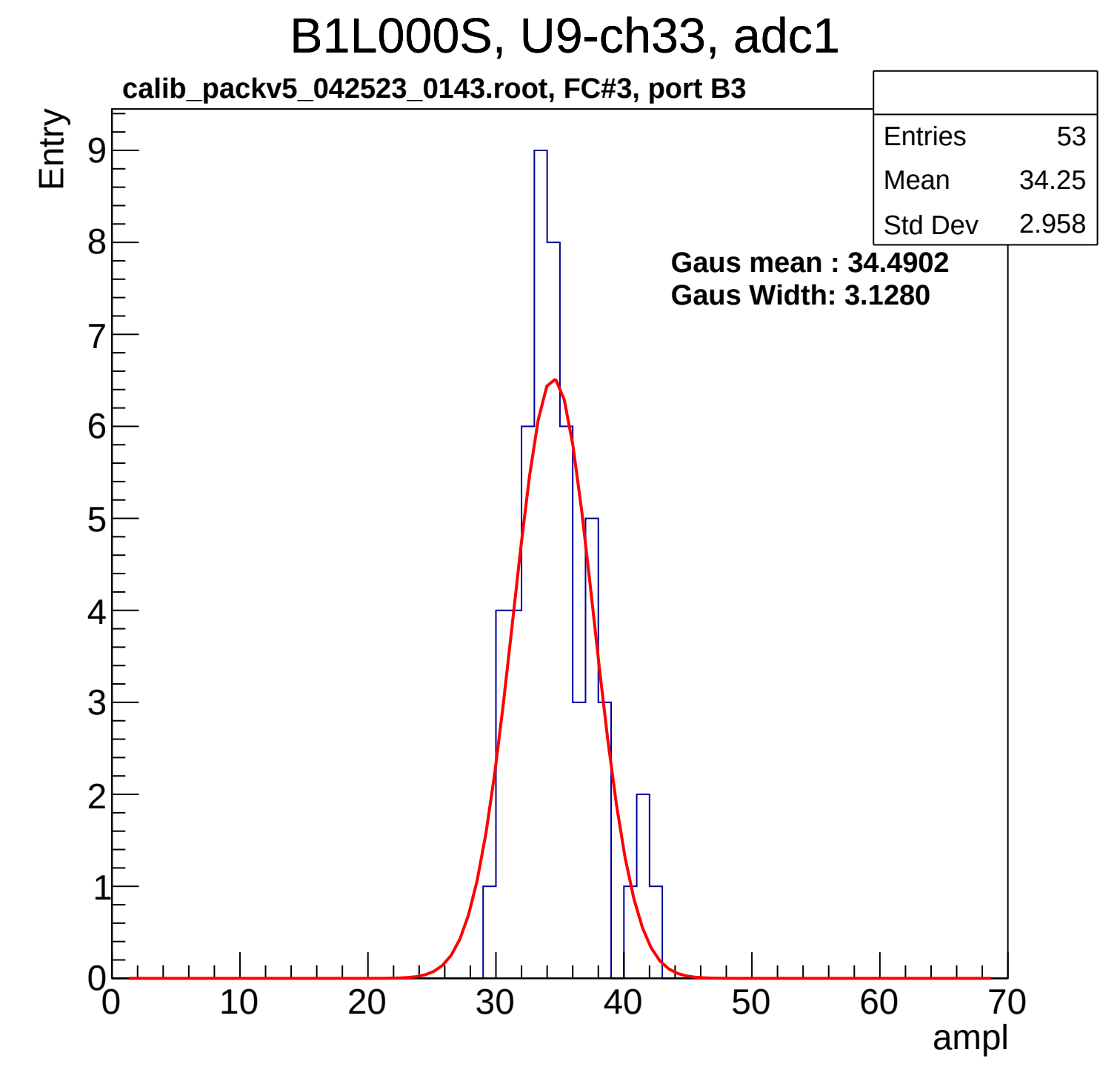
B1L000S, U9-ch33, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 34.25
Std Dev 2.958
Gaus mean : 34.4902
Gaus Width: 3.1280
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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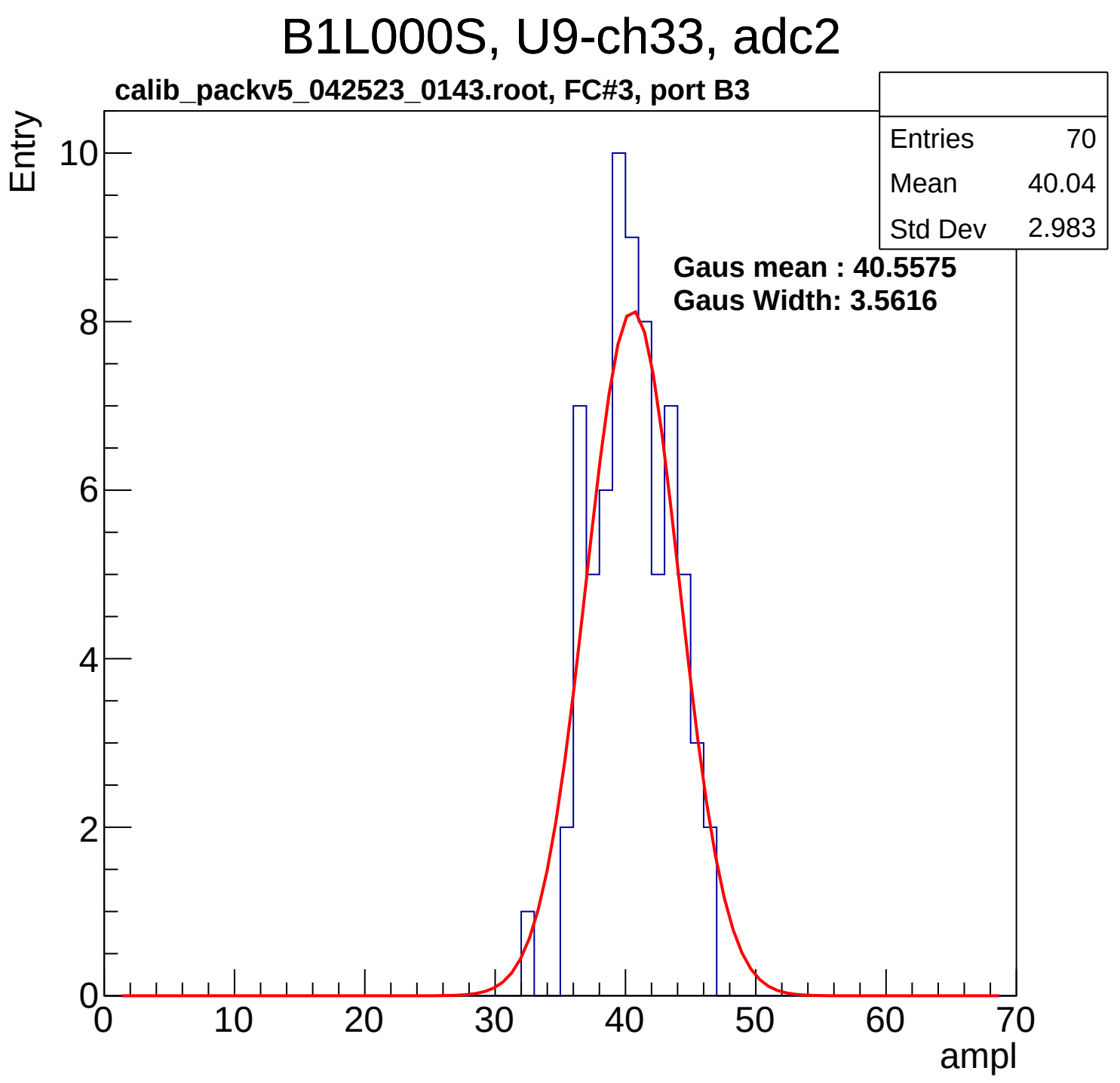
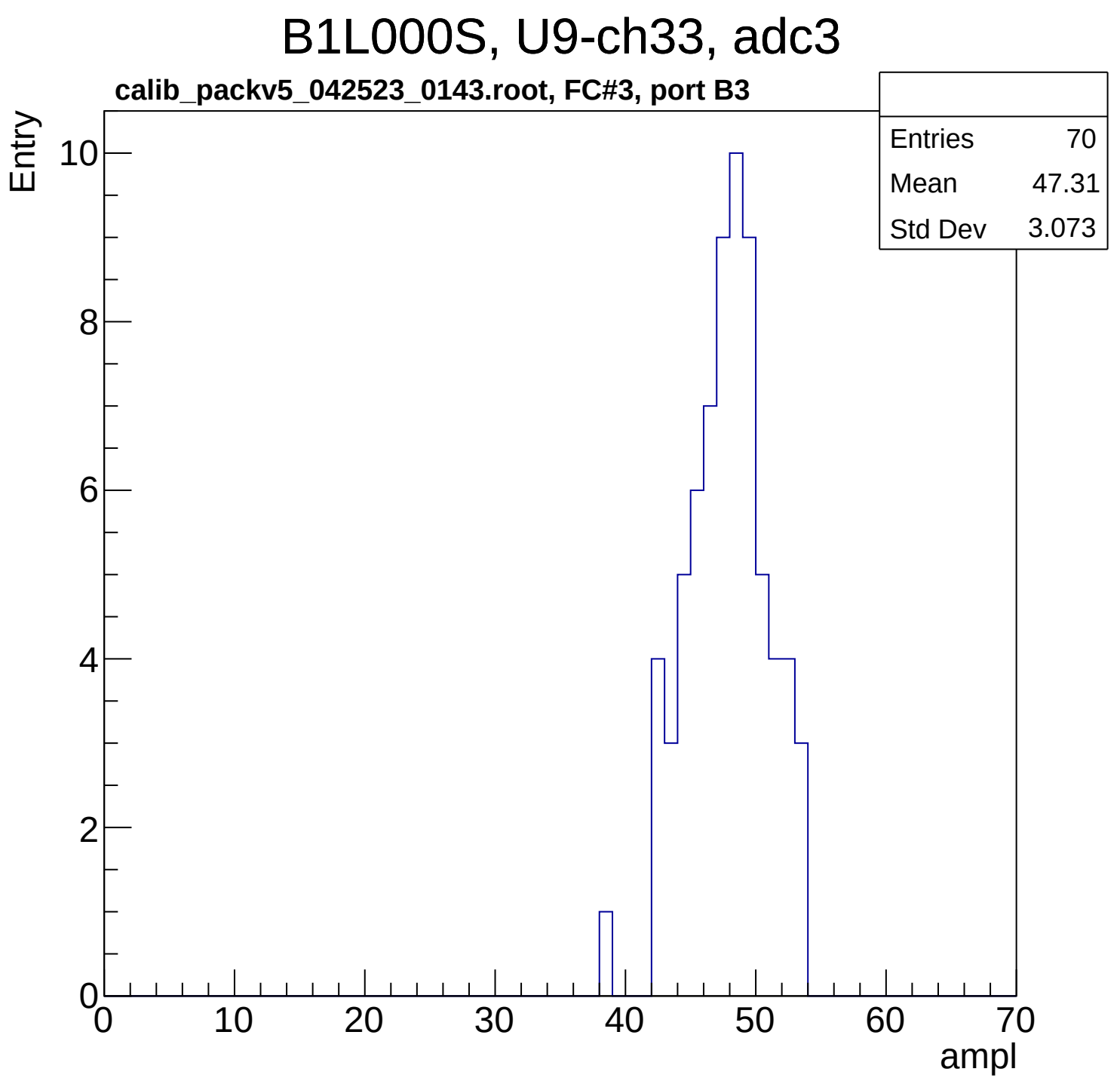

B1L000S, U9-ch33, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 40.04
Std Dev 2.983
Gaus mean : 40.5575
Gaus Width: 3.5616
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch33, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.31
Std Dev 3.073
Entry
0
2
4
6
8
10
0
10
20
30
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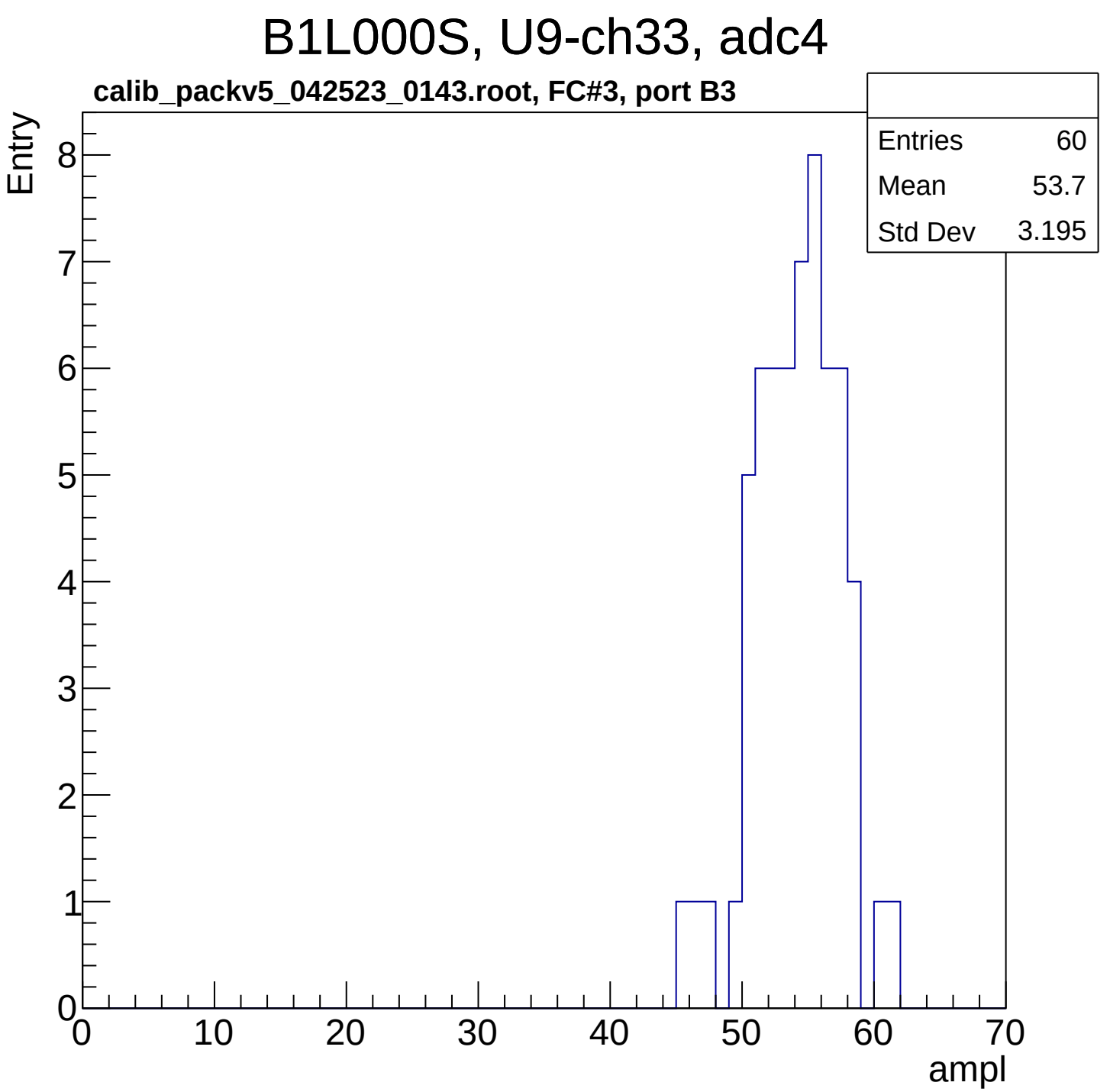
50
60
70
ampl


B1L000S, U9-ch33, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 53.7
Std Dev 3.195
Entry
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3
4
5
6
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0
10
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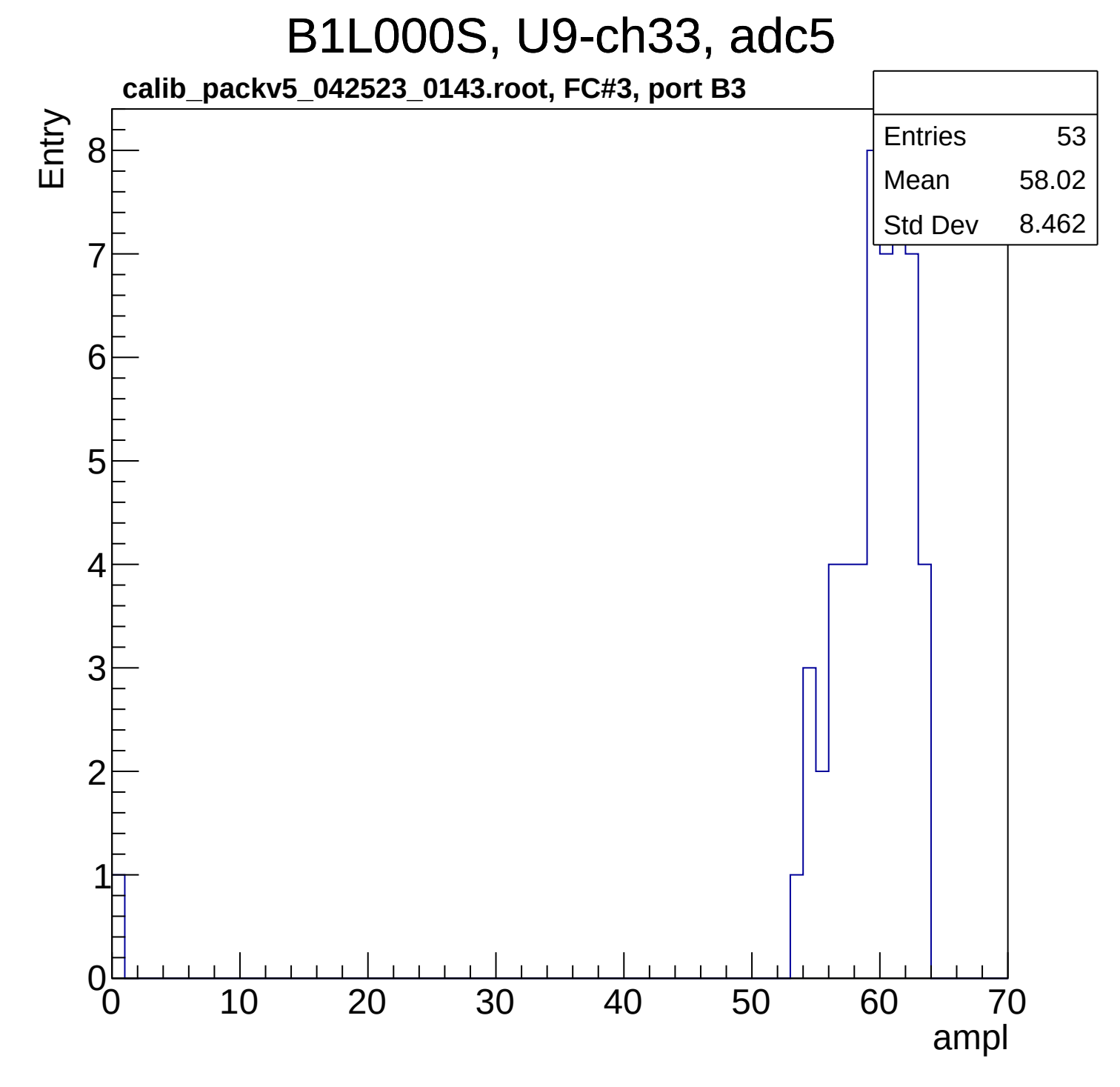
50
60
70
ampl


B1L000S, U9-ch33, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.02
Std Dev 8.462
Entry
ampl
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4
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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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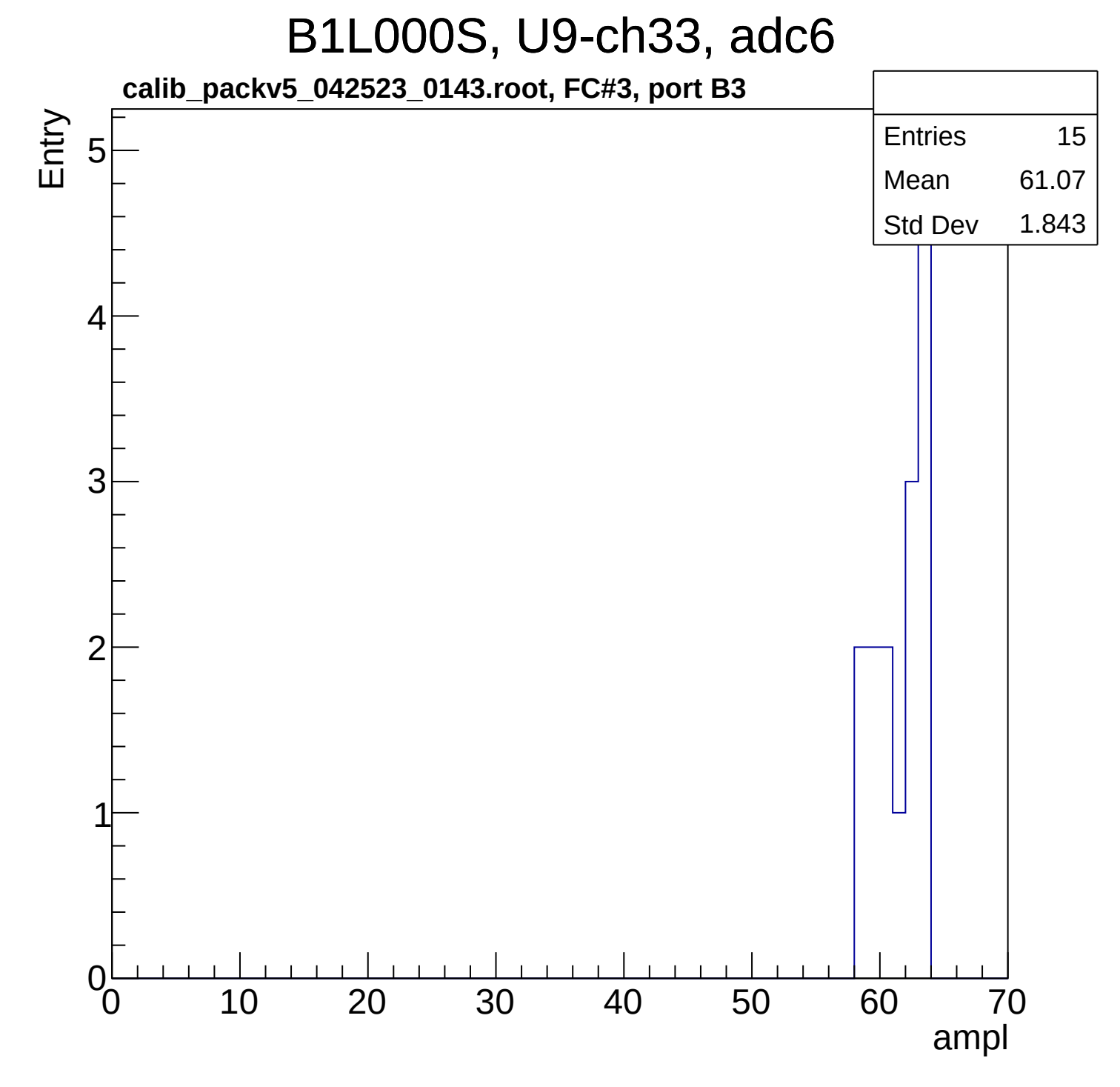
B1L000S, U9-ch33, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.07
Std Dev 1.843
Entry
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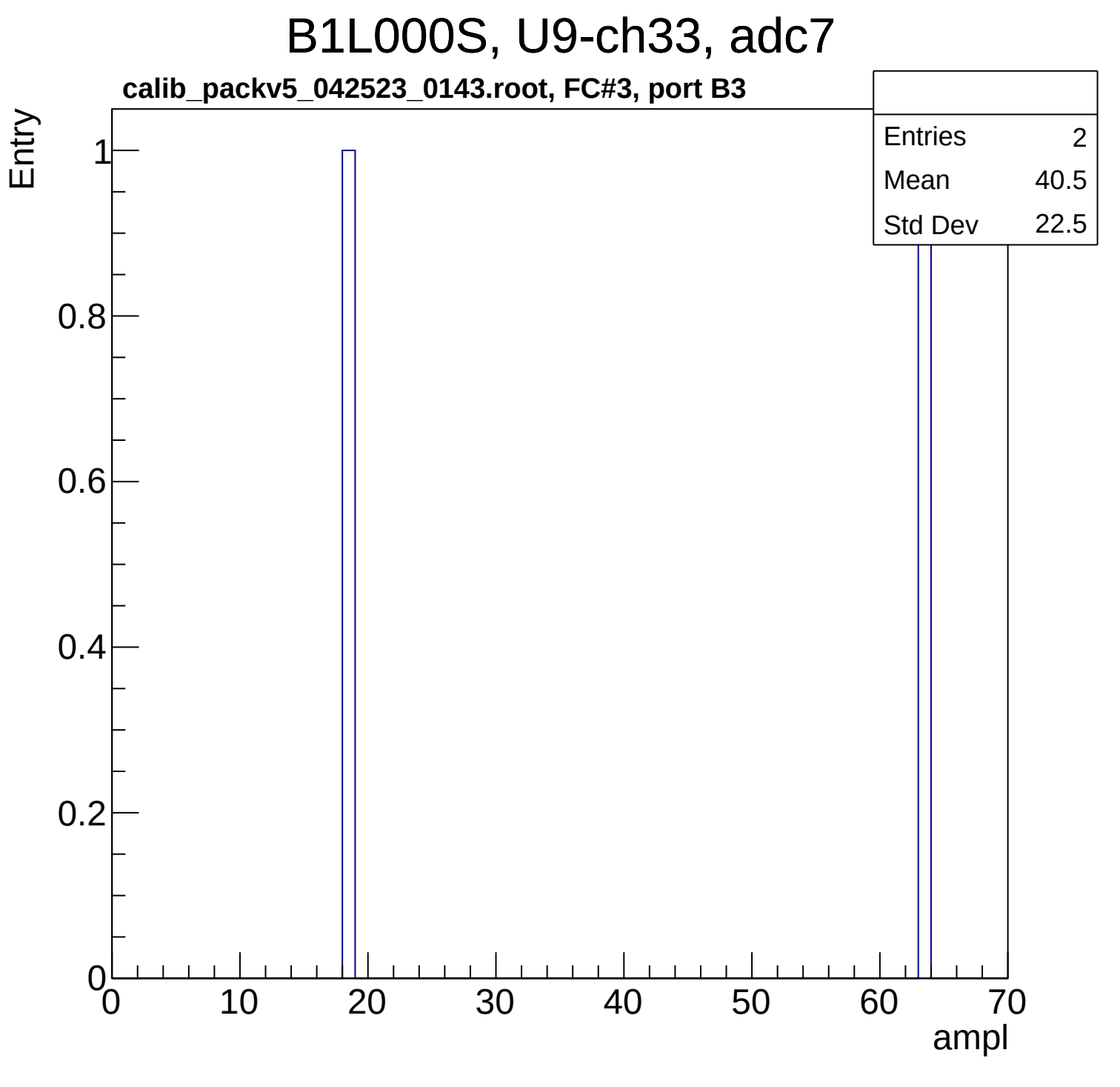
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch33, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 40.5
Std Dev 22.5
Entry
ampl
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0.4
0.6
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0
10
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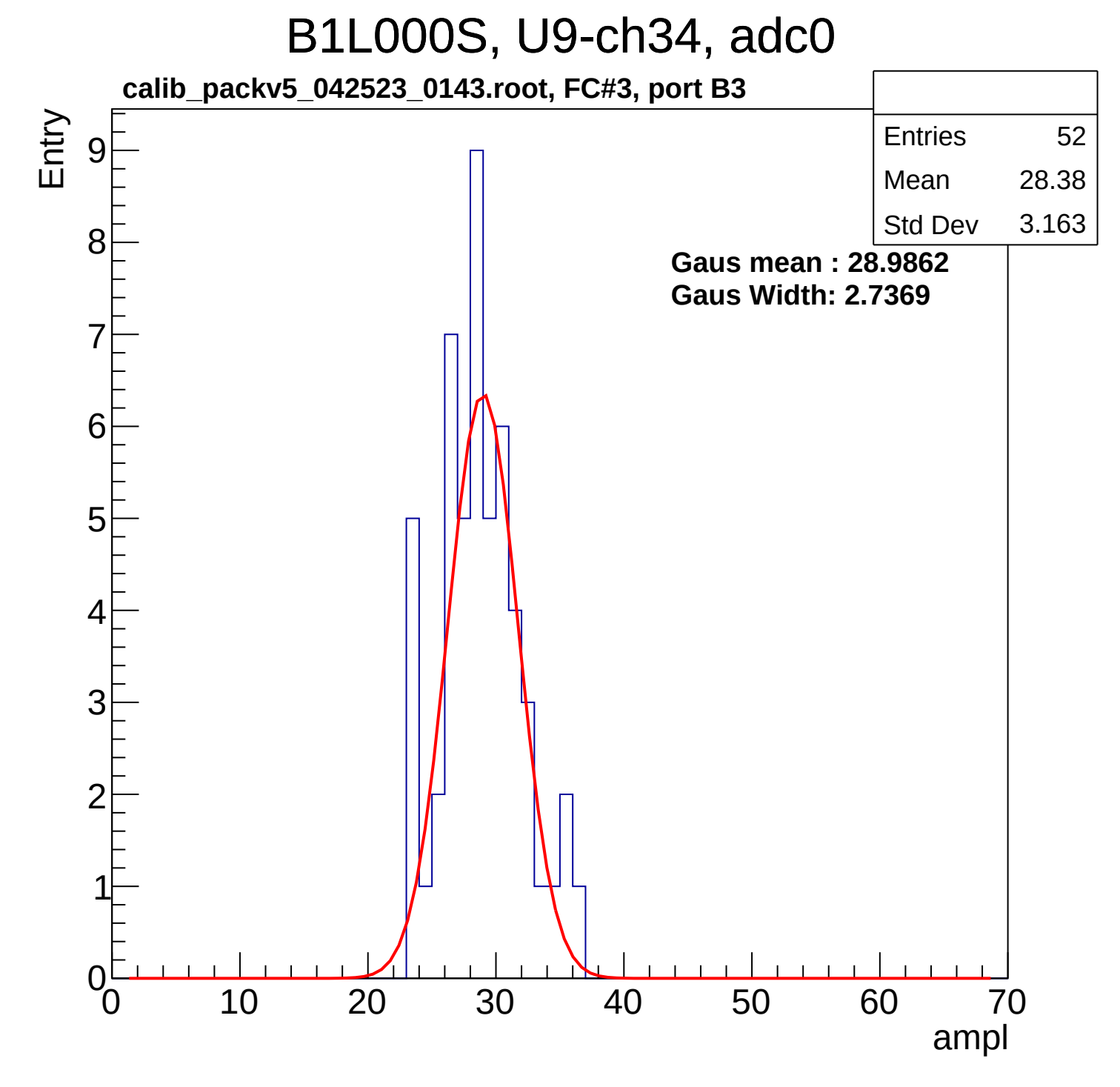
30
40
50
60
70


B1L000S, U9-ch34, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 28.38
Std Dev 3.163
Gaus mean : 28.9862
Gaus Width: 2.7369
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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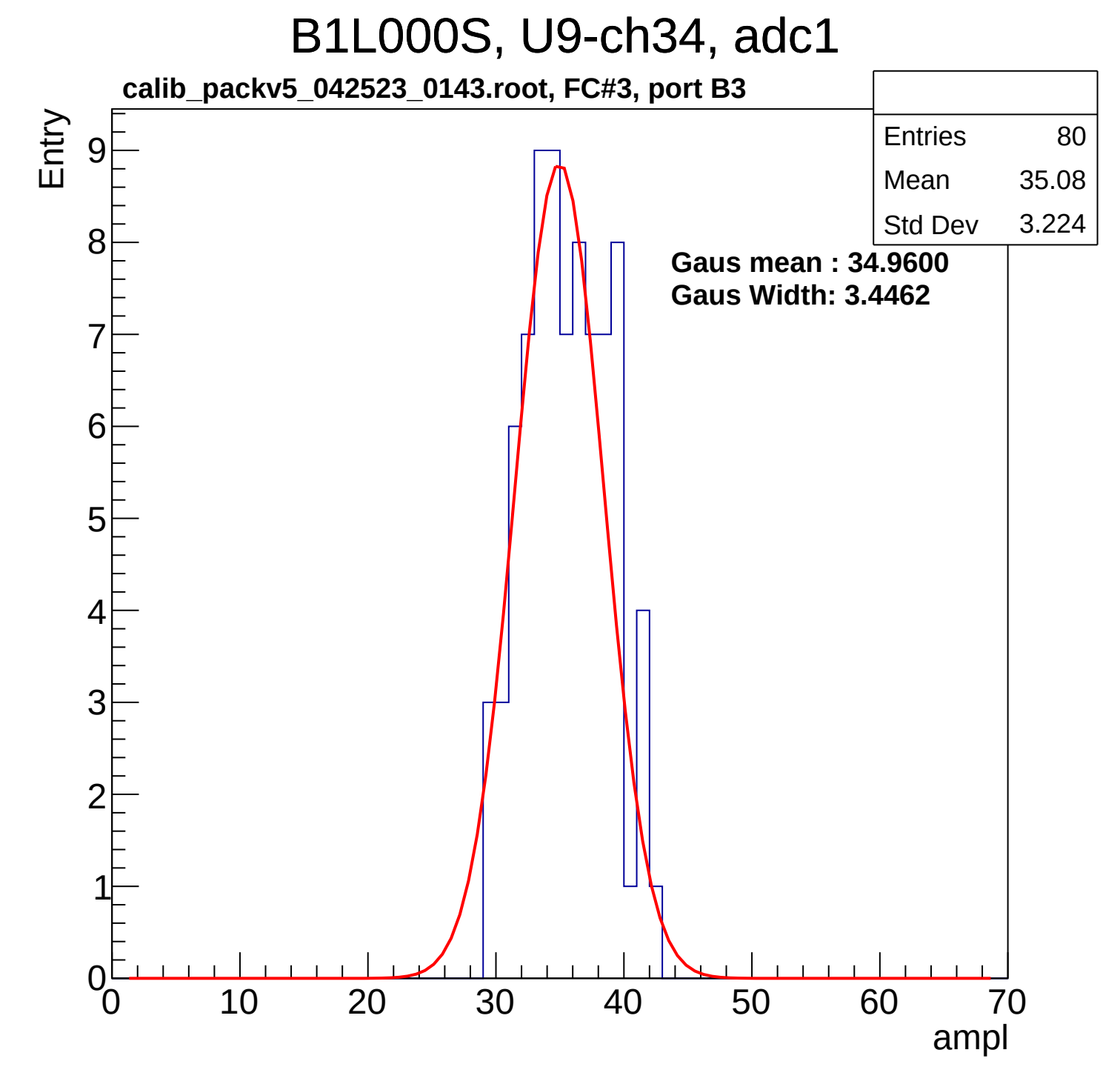
B1L000S, U9-ch34, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 35.08
Std Dev 3.224
Gaus mean : 34.9600
Gaus Width: 3.4462
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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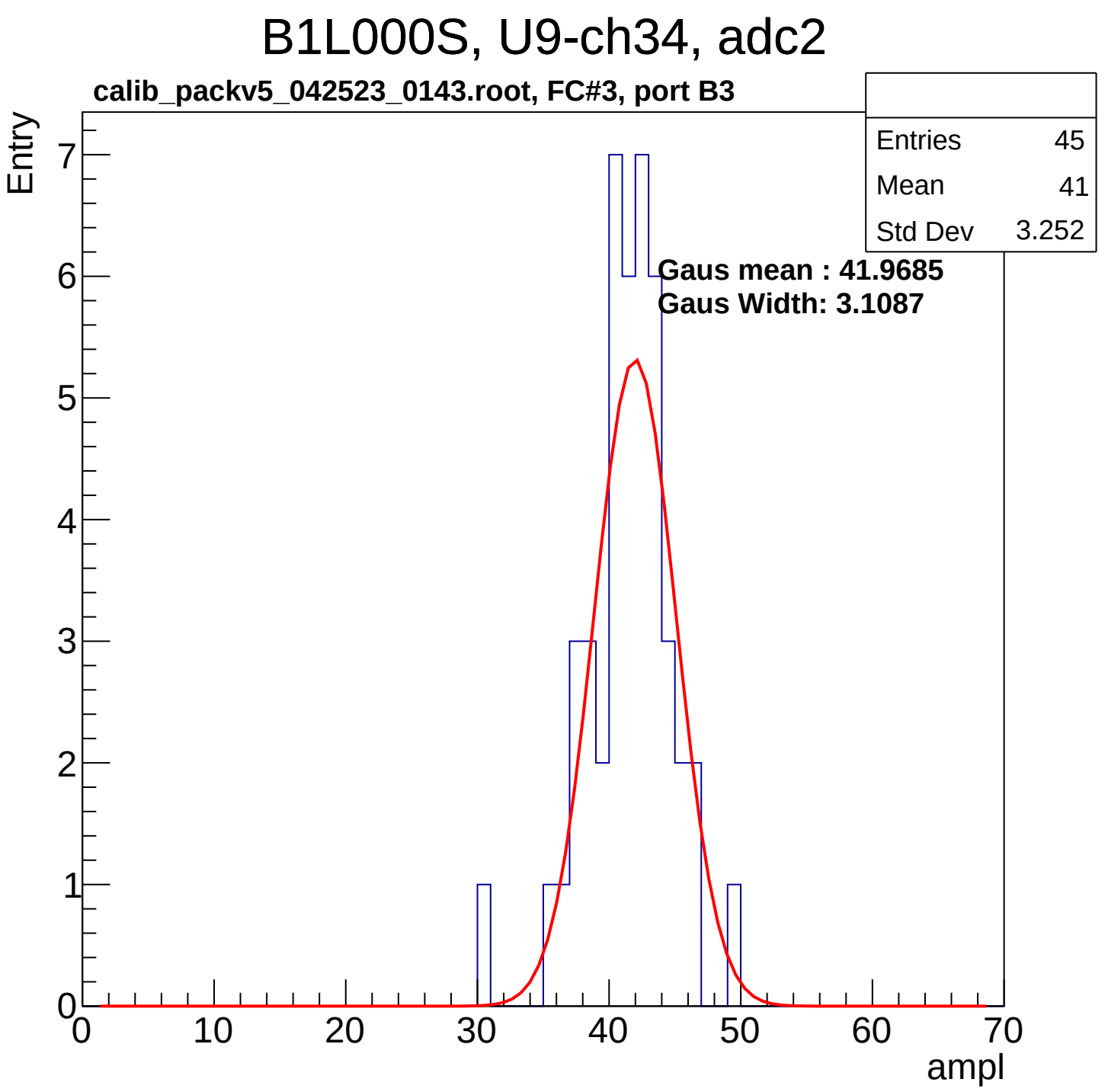
B1L000S, U9-ch34, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 41
Std Dev 3.252
Gaus mean : 41.9685
Gaus Width: 3.1087
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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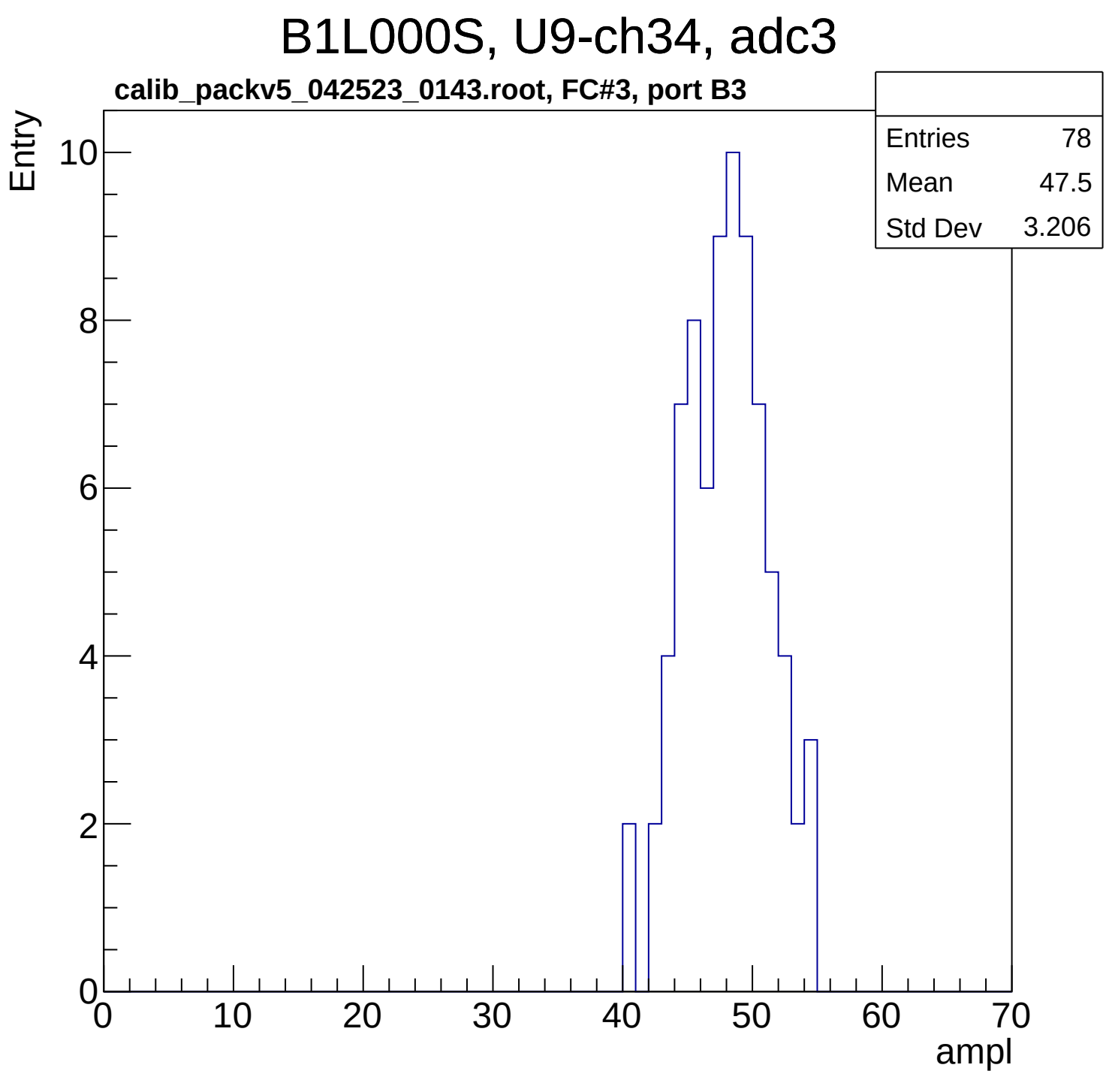
B1L000S, U9-ch34, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 47.5
Std Dev 3.206
Entry
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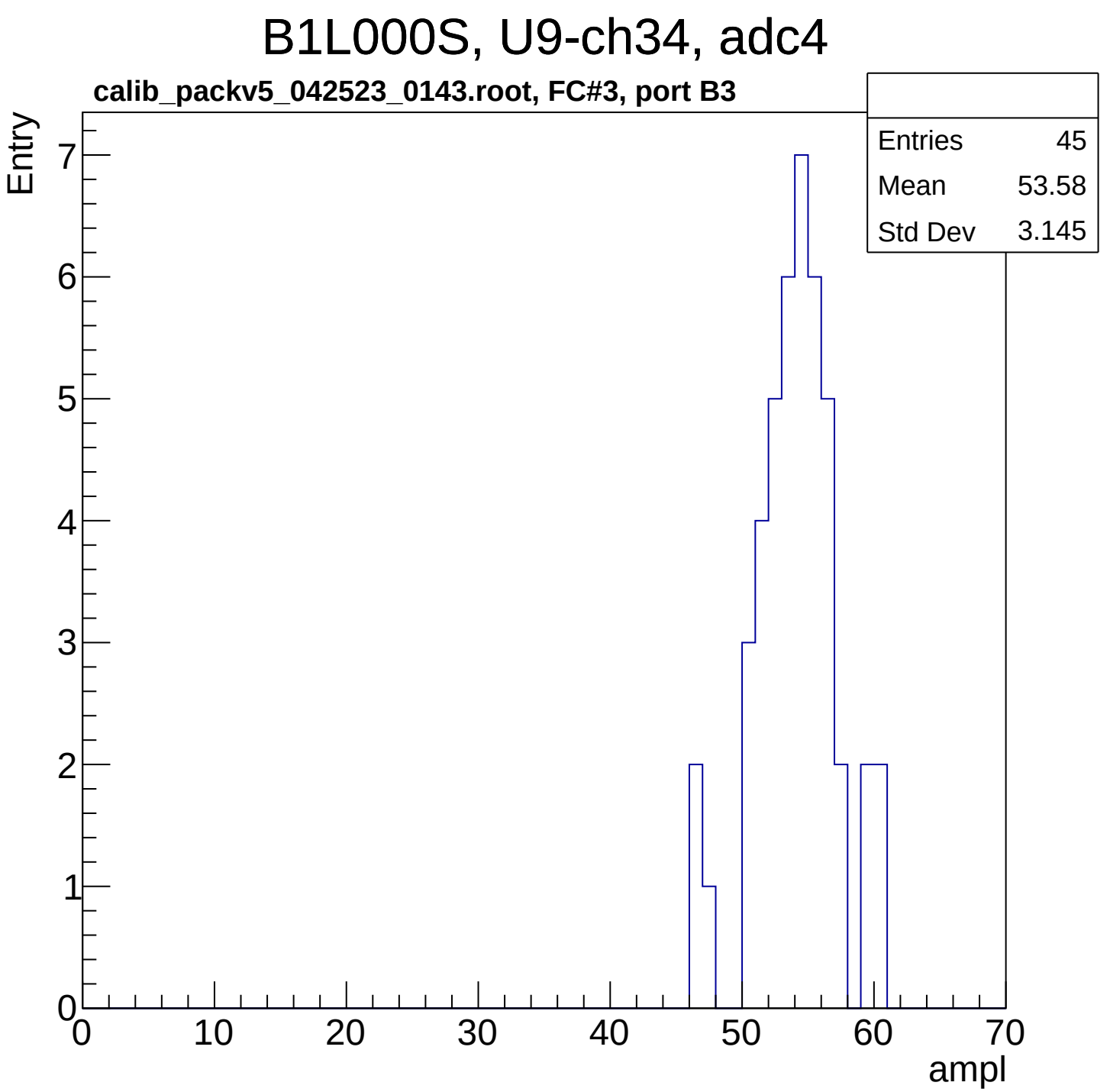
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch34, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 53.58
Std Dev 3.145
Entry
ampl
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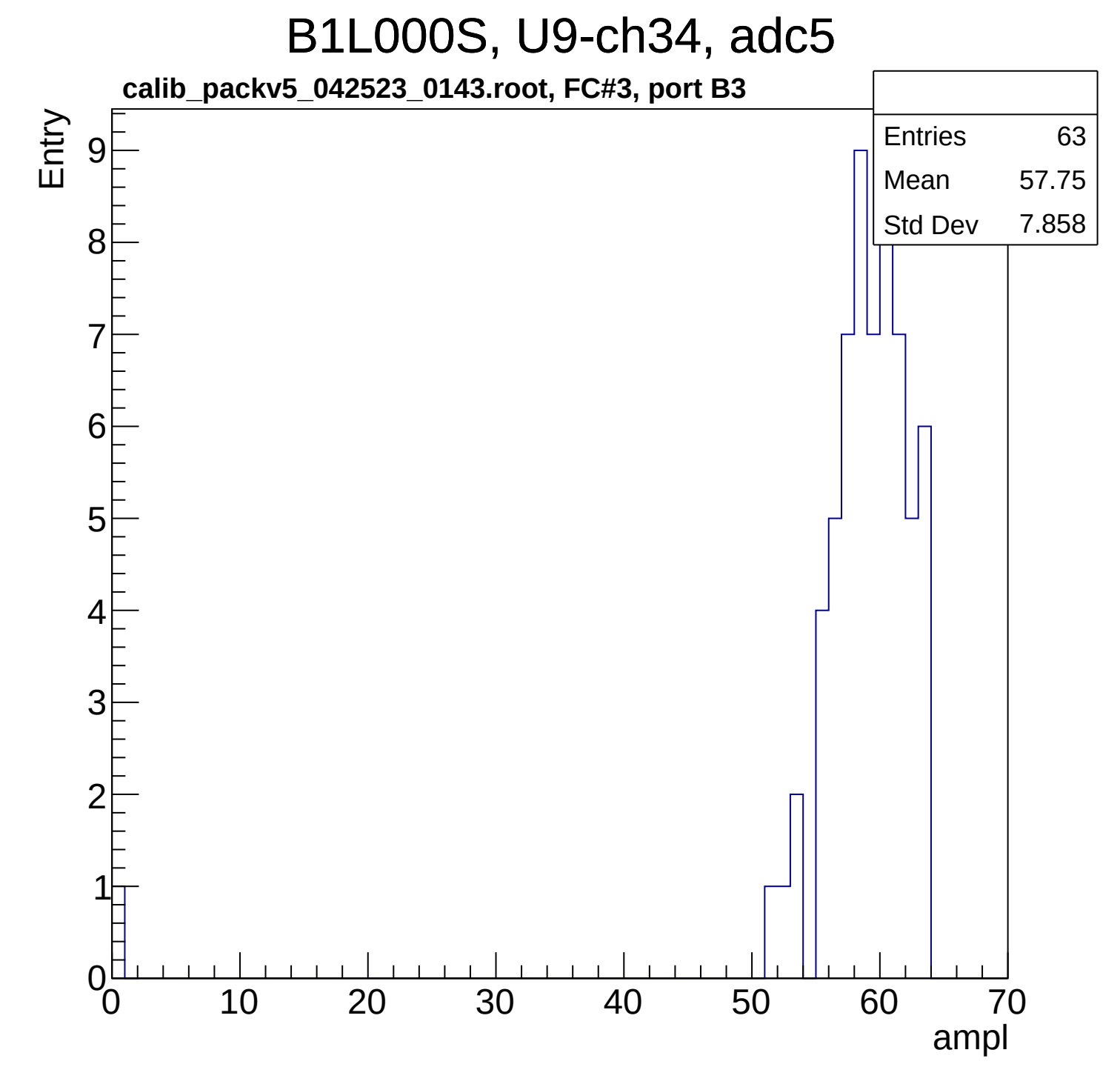
B1L000S, U9-ch34, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.75
Std Dev 7.858
Entry
ampl
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4
5
6
7
8
9
0
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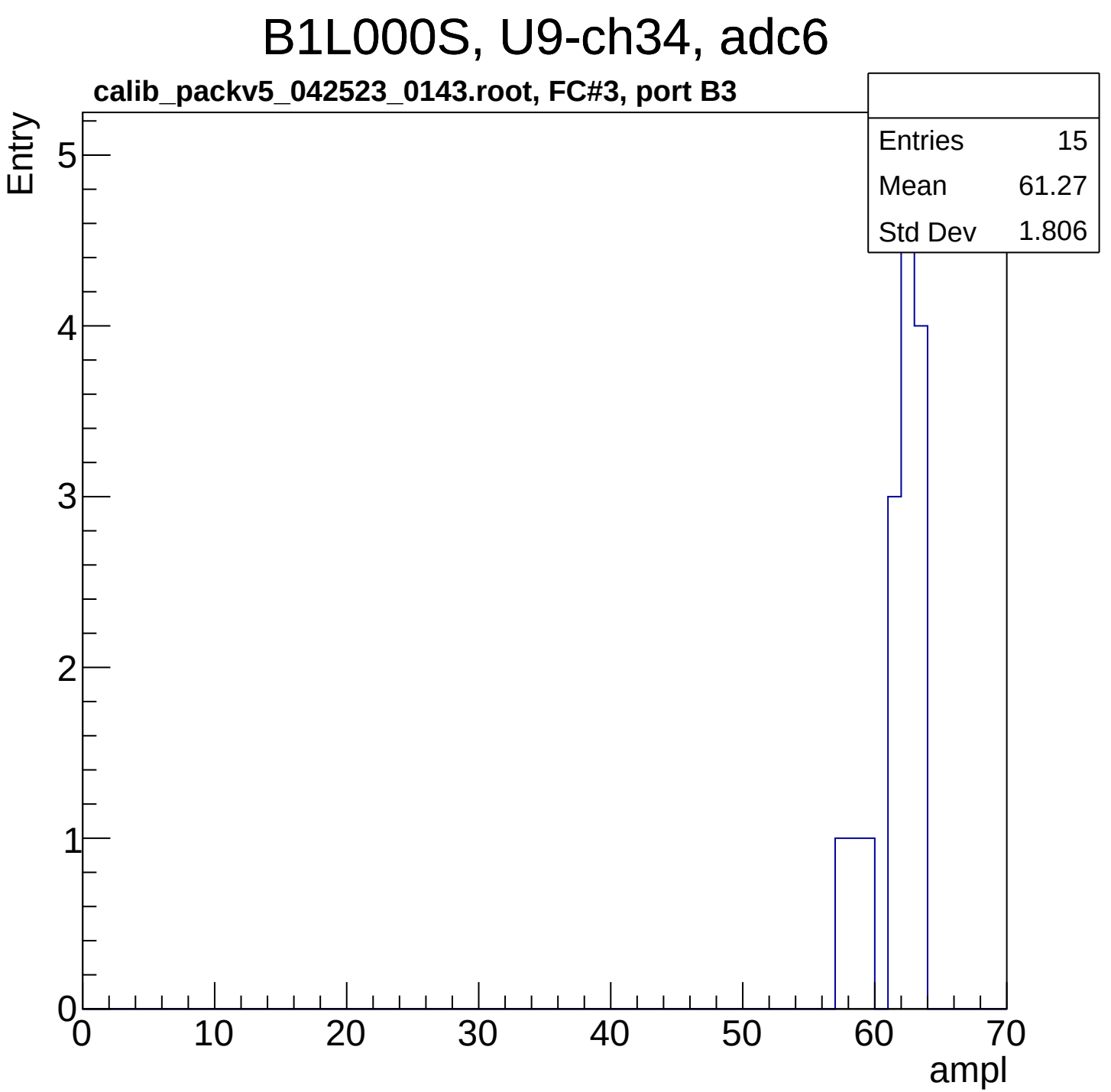
B1L000S, U9-ch34, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.27
Std Dev 1.806
Entry
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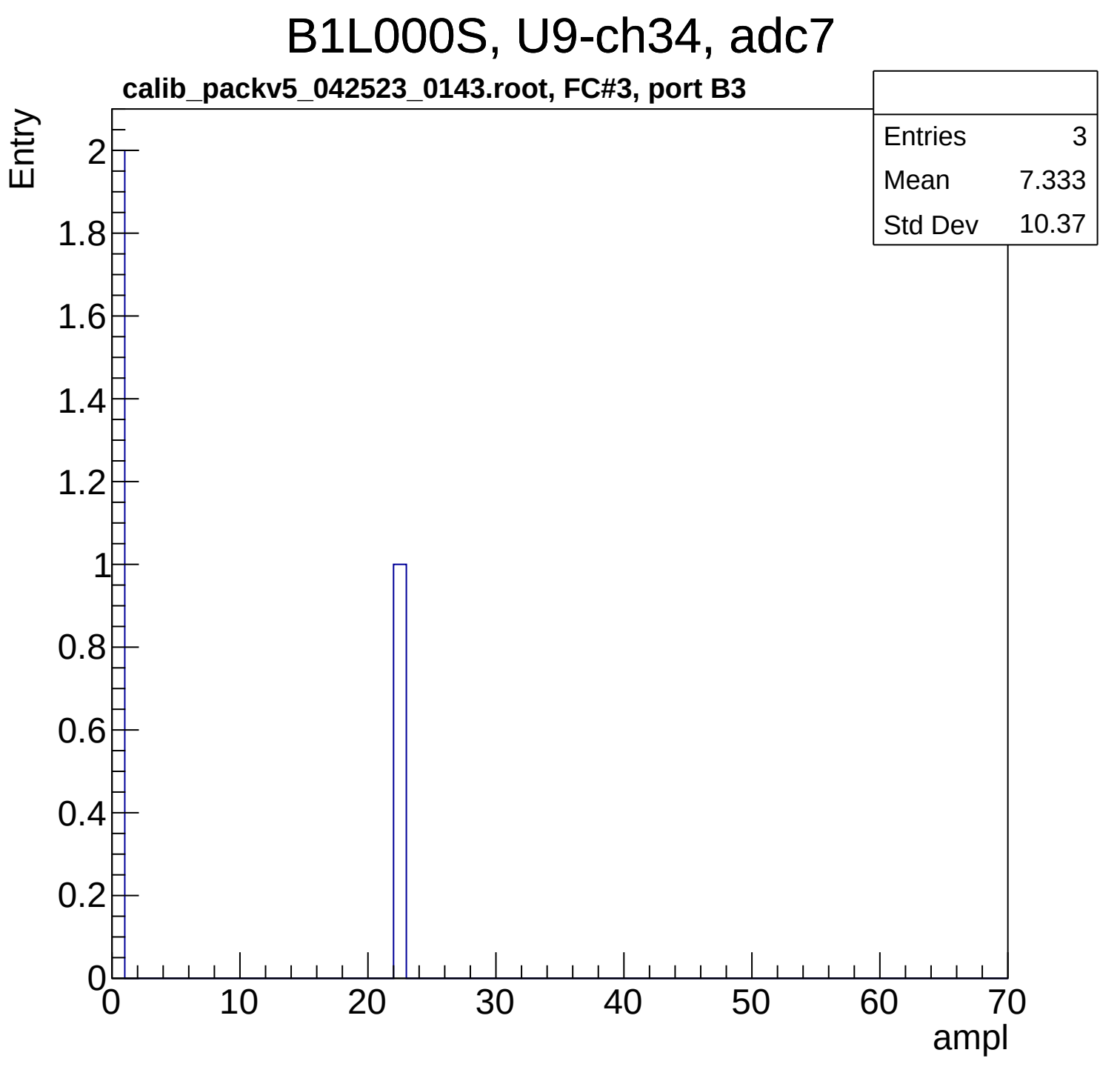
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch34, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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60
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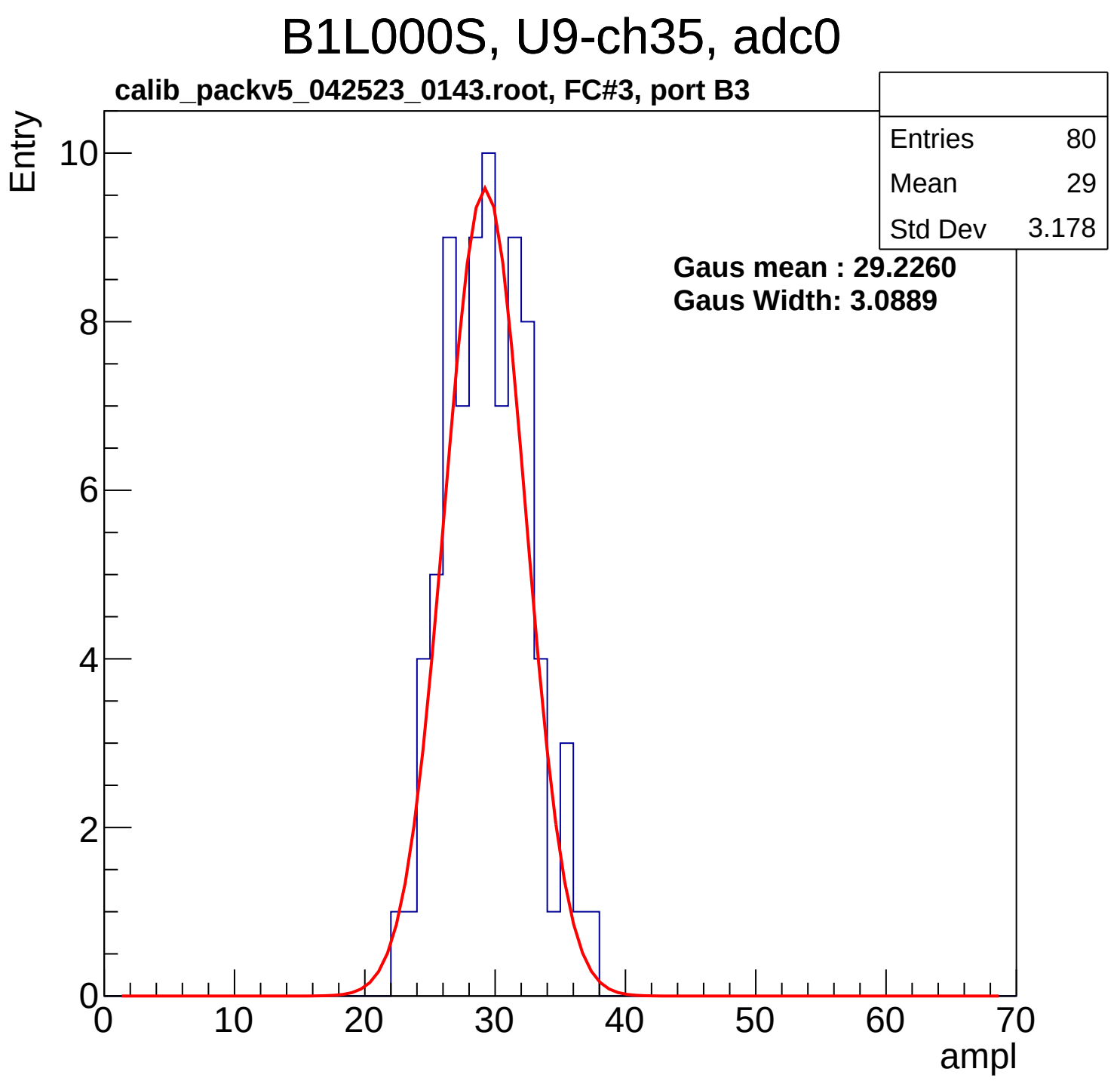
B1L000S, U9-ch35, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 29
Std Dev 3.178
Gaus mean : 29.2260
Gaus Width: 3.0889
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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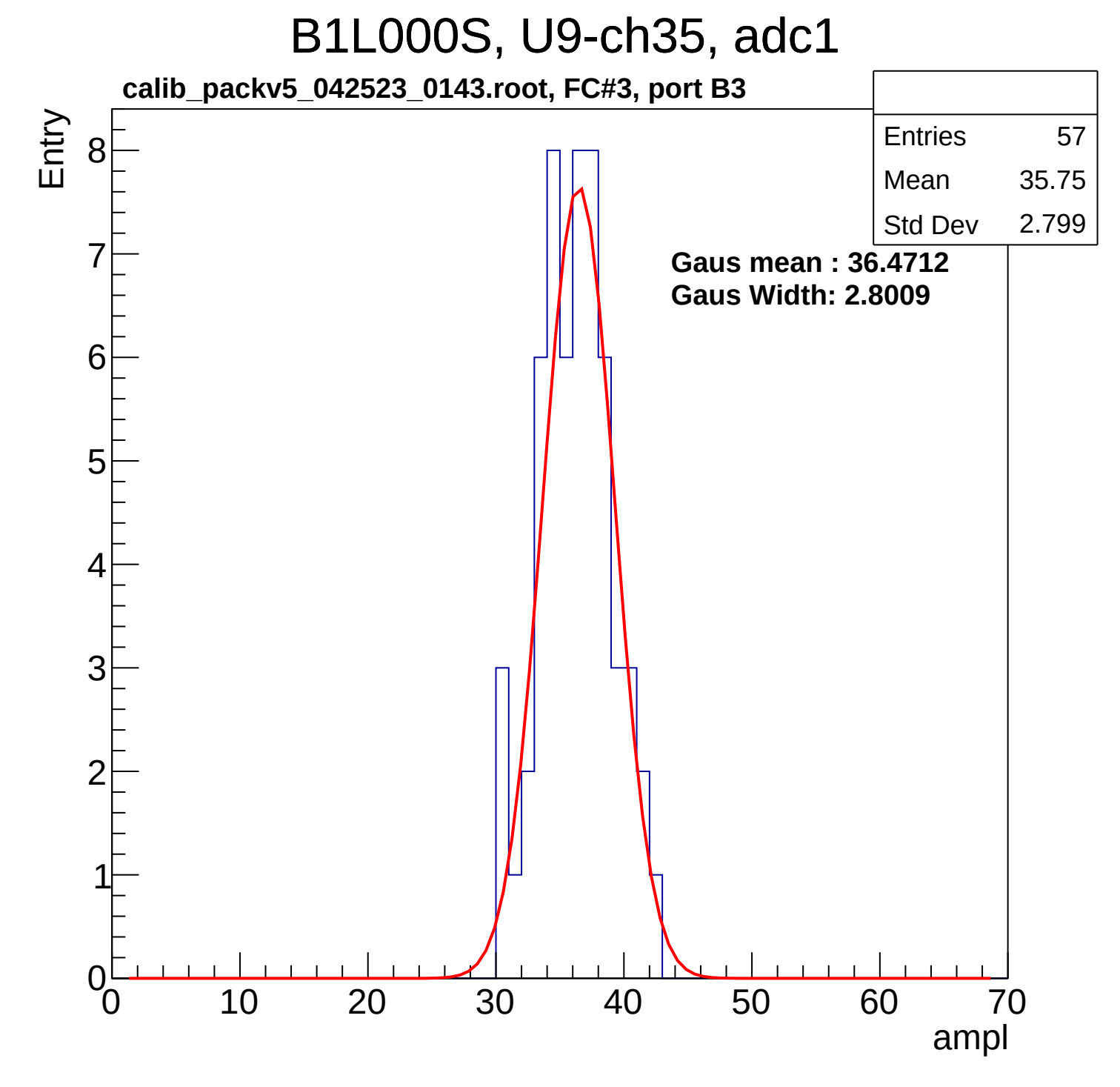
B1L000S, U9-ch35, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 35.75
Std Dev 2.799
Gaus mean : 36.4712
Gaus Width: 2.8009
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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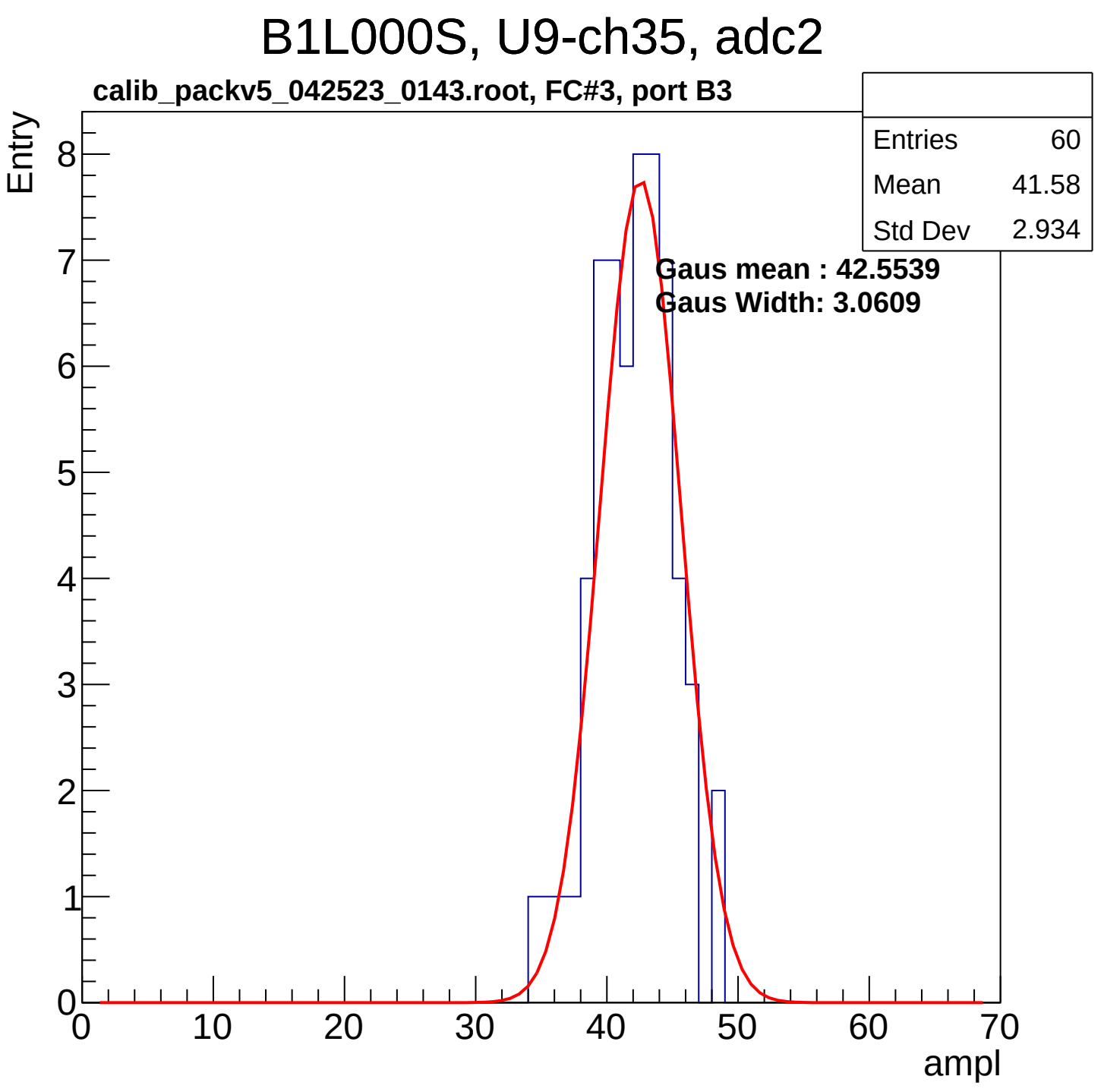
B1L000S, U9-ch35, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.58
Std Dev 2.934
Gaus mean : 42.5539
Gaus Width: 3.0609
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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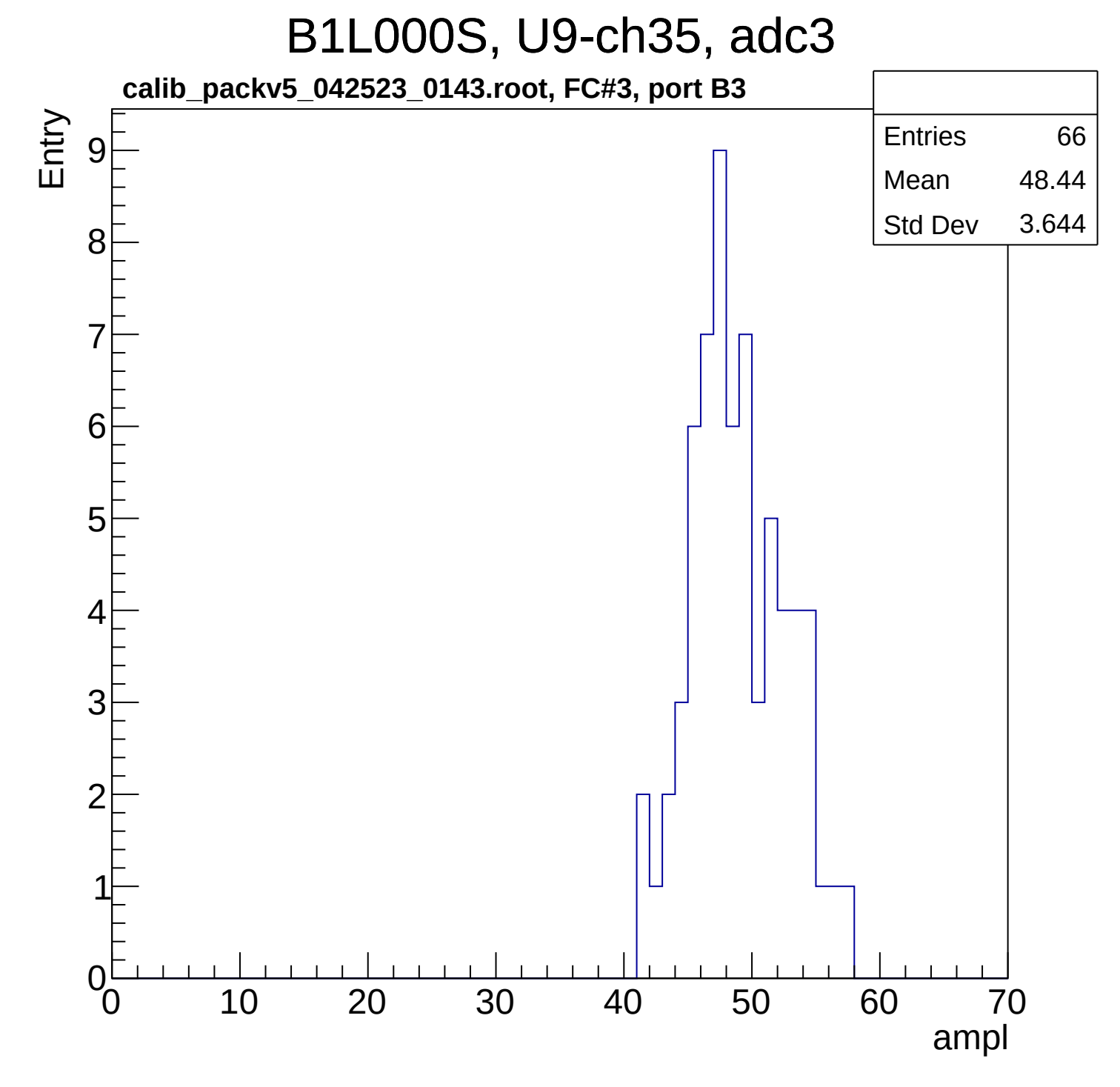
B1L000S, U9-ch35, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 48.44
Std Dev 3.644
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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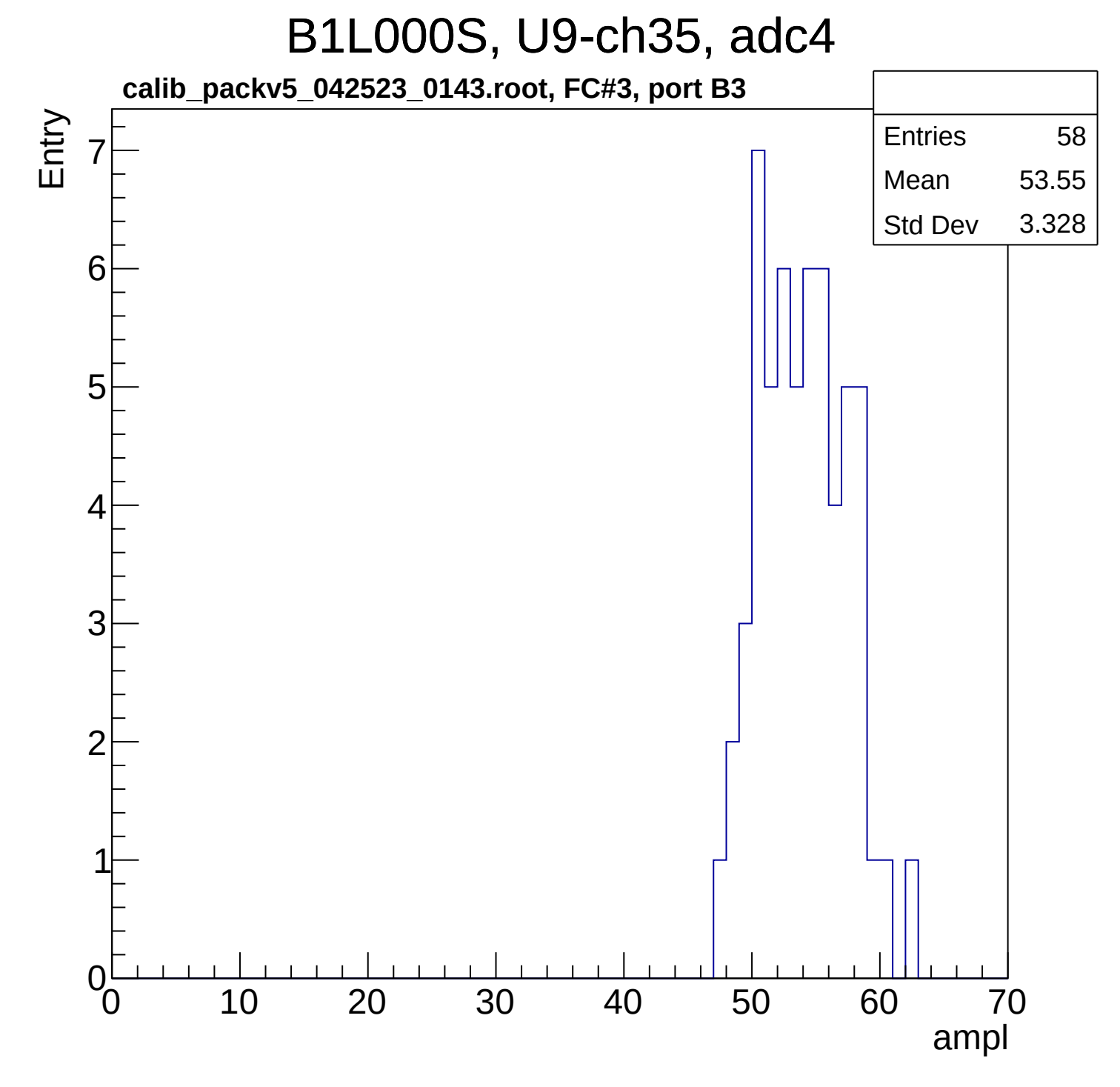
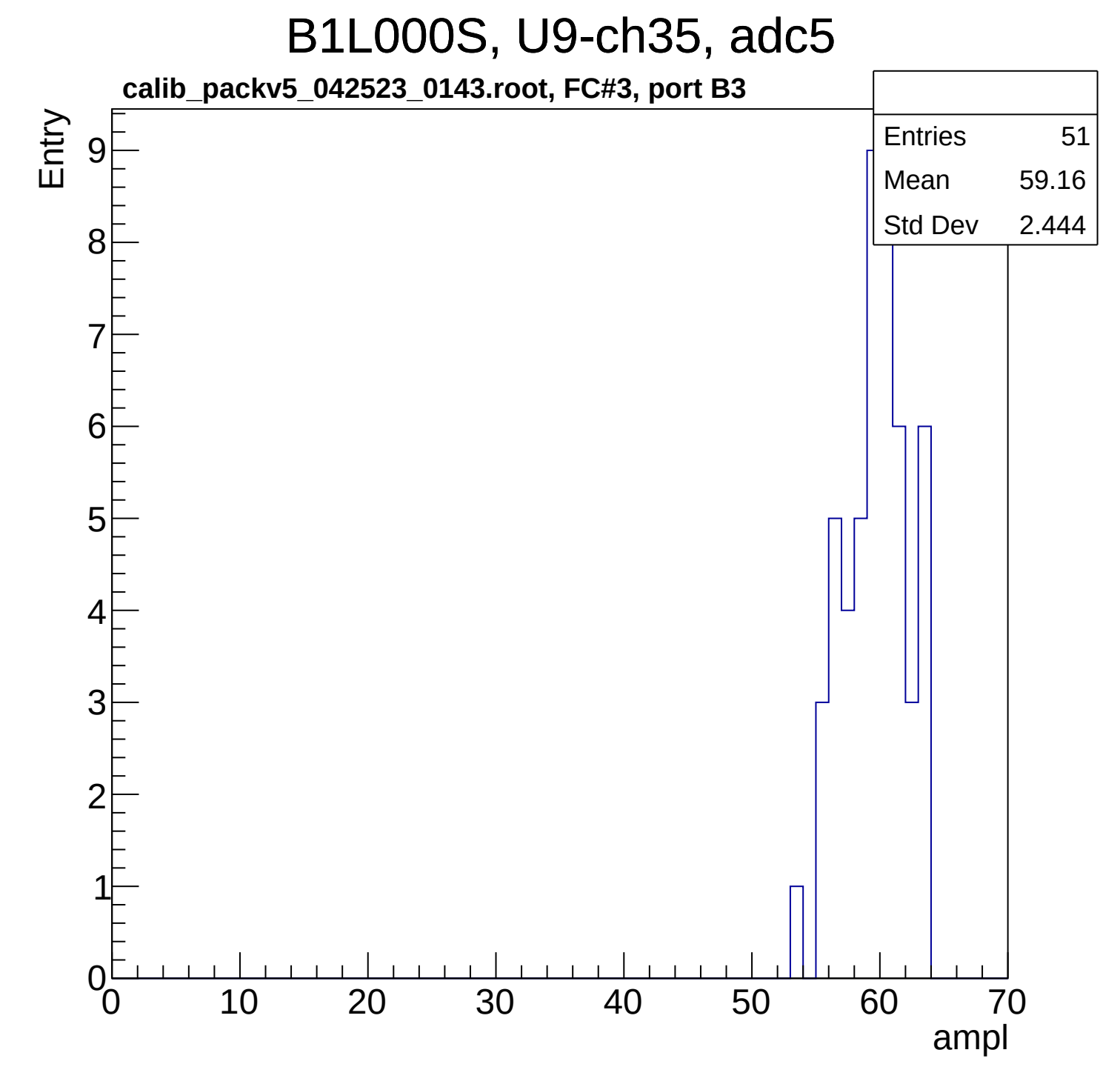

B1L000S, U9-ch35, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.55
Std Dev 3.328
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch35, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.16
Std Dev 2.444
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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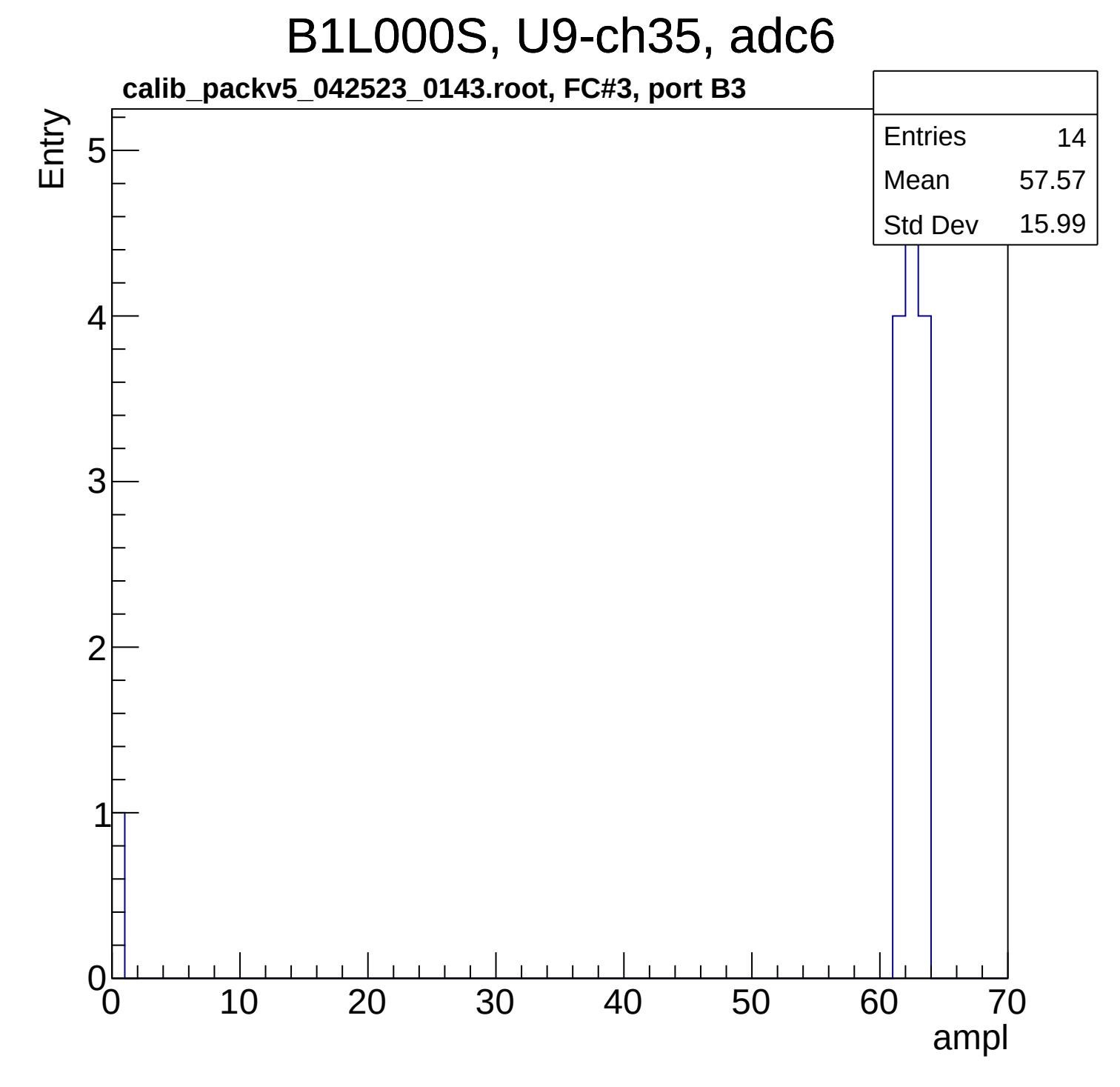
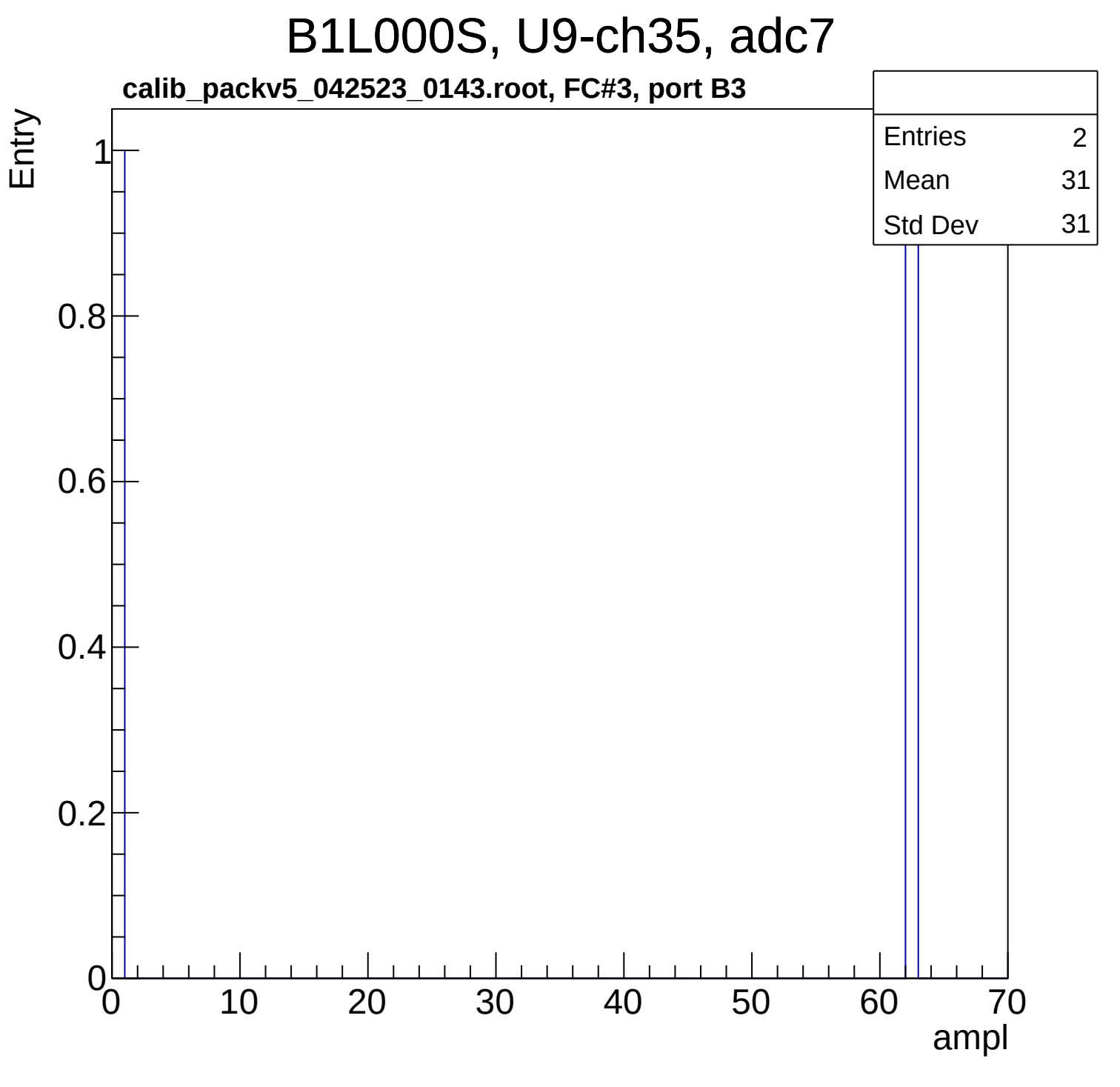
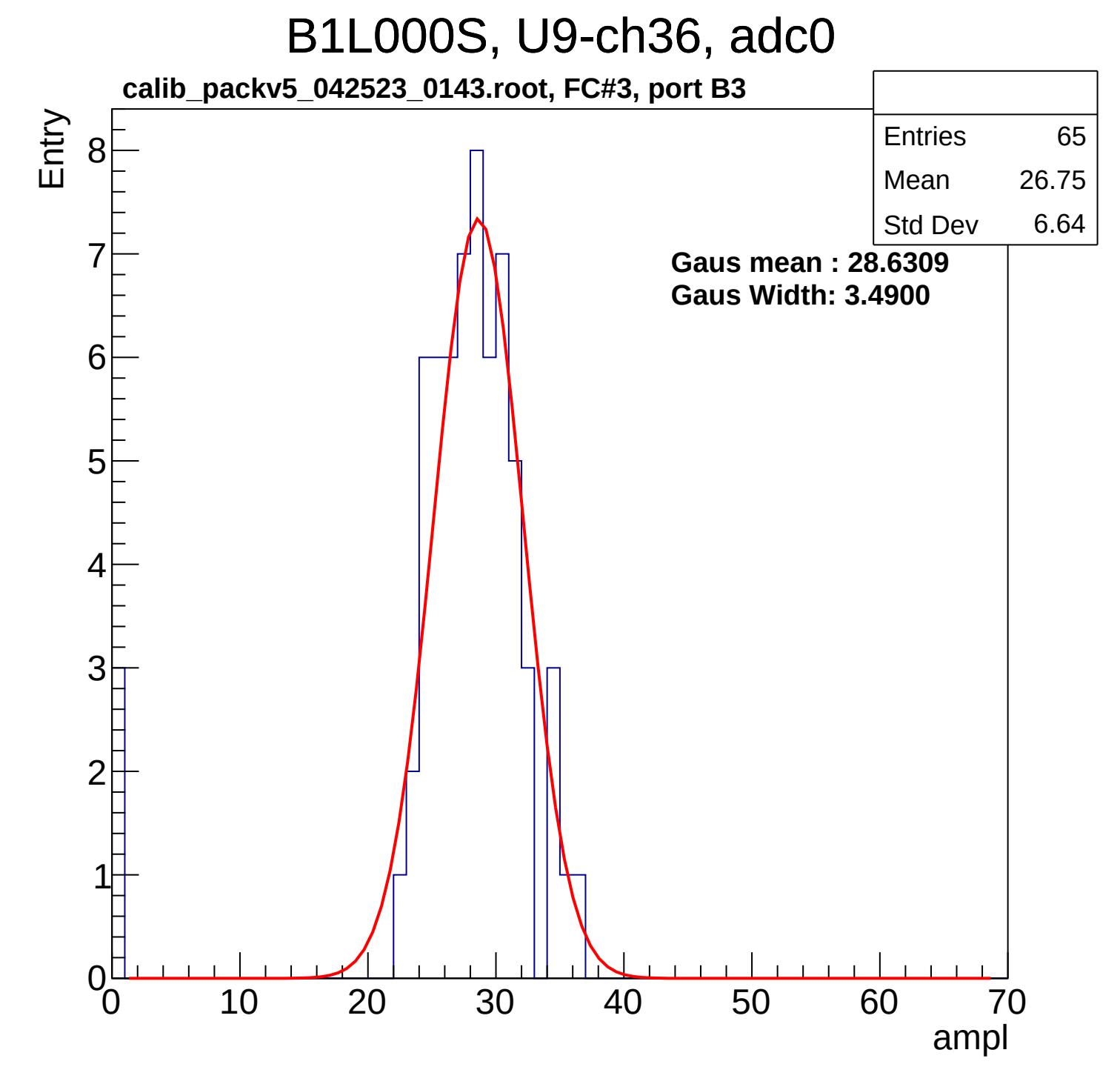
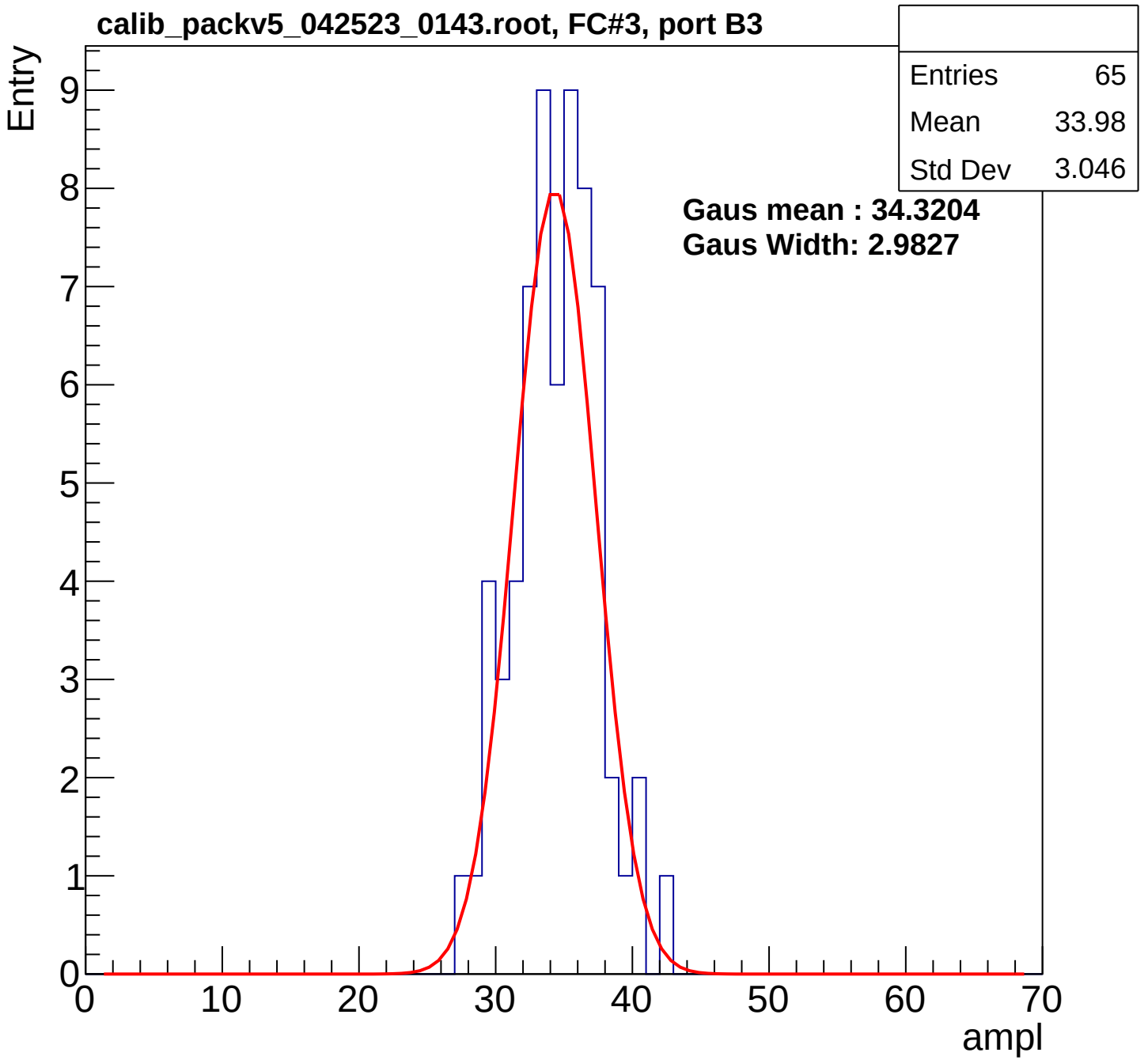

B1L000S, U9-ch35, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.57
Std Dev 15.99
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch35, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch36, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 26.75
Std Dev 6.64
Gaus mean : 28.6309
Gaus Width: 3.4900
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch36, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 33.98
Std Dev 3.046
Gaus mean : 34.3204
Gaus Width: 2.9827
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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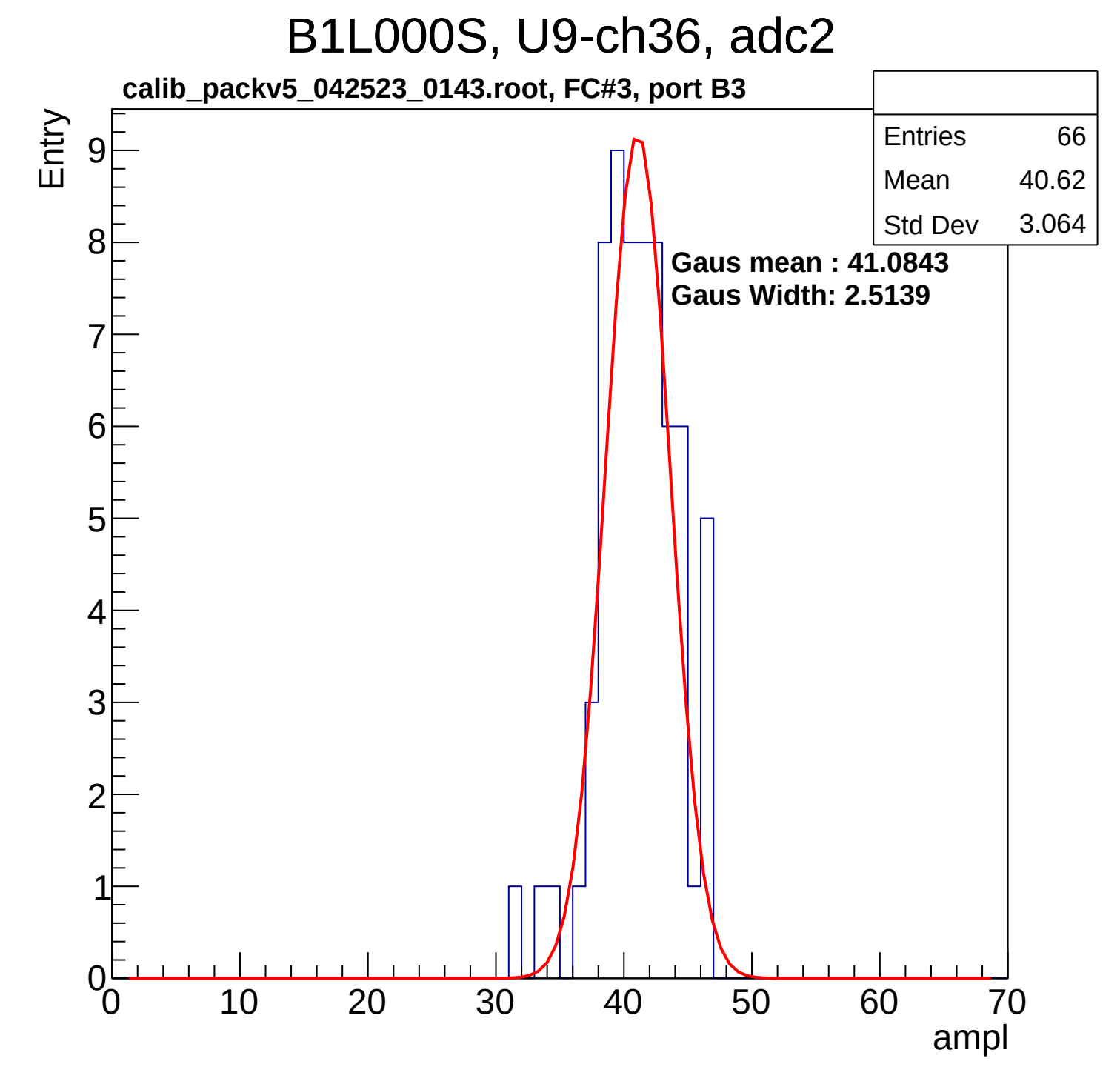
B1L000S, U9-ch36, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 40.62
Std Dev 3.064
Gaus mean : 41.0843
Gaus Width: 2.5139
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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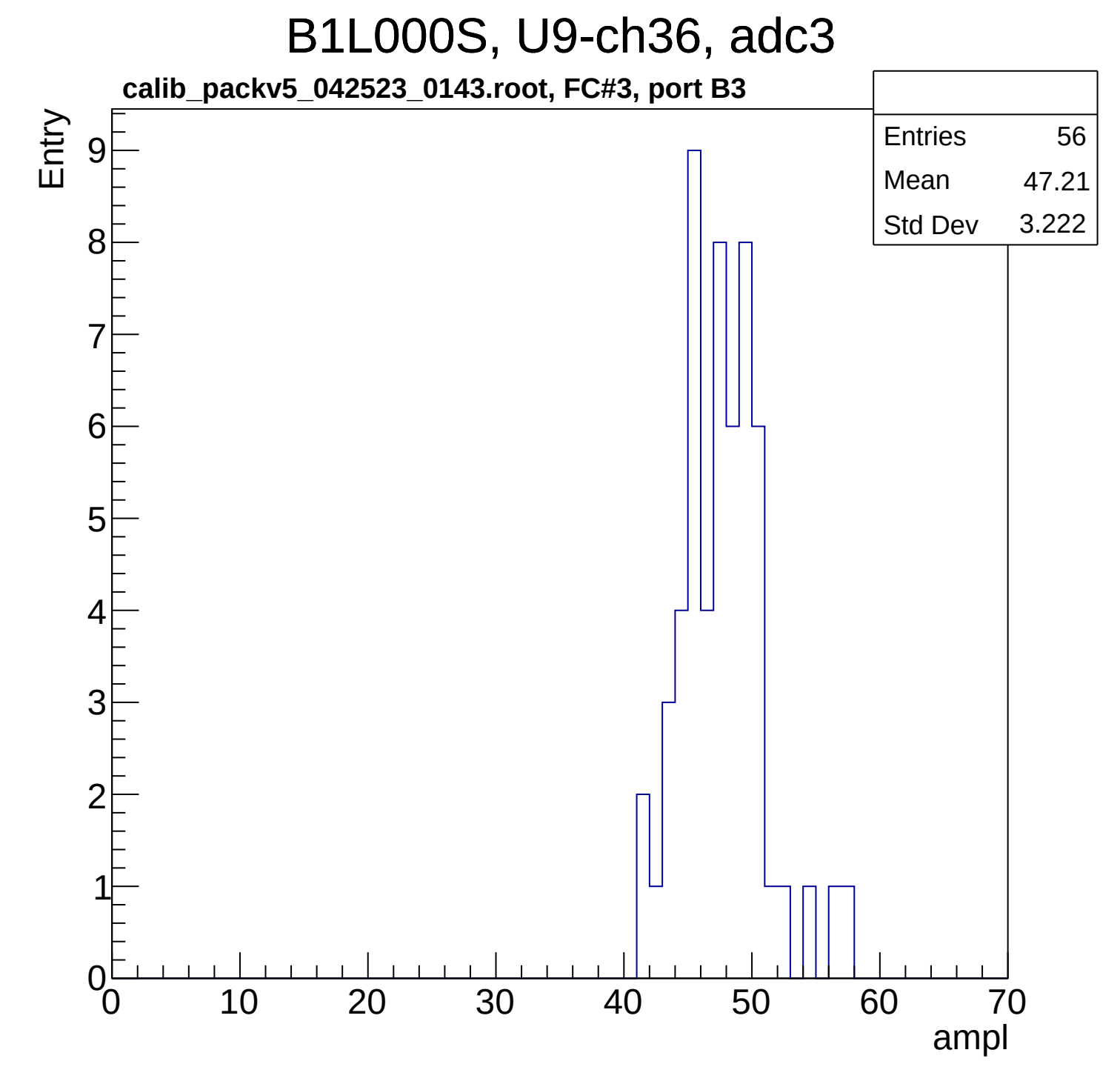
B1L000S, U9-ch36, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 47.21
Std Dev 3.222
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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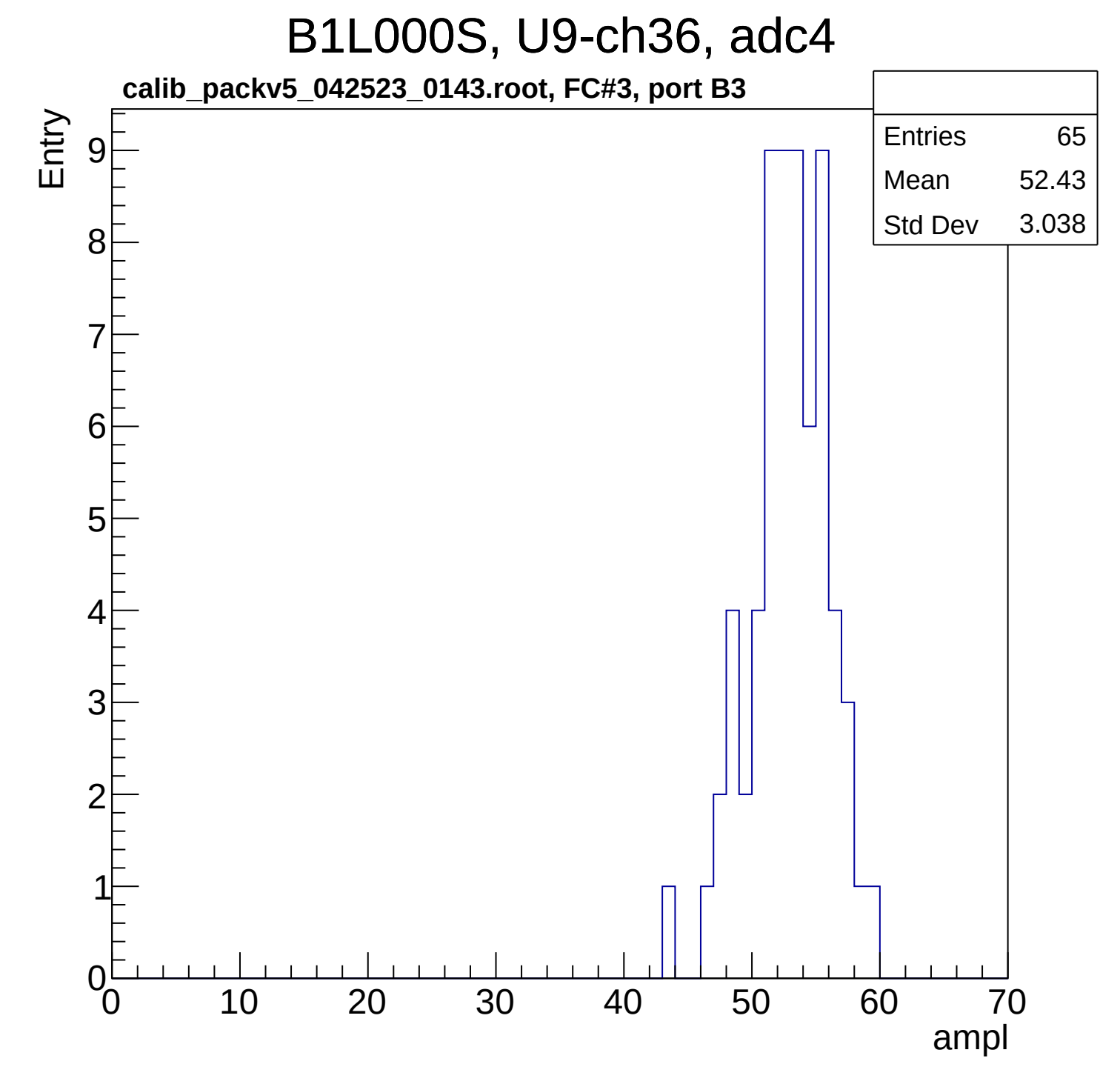
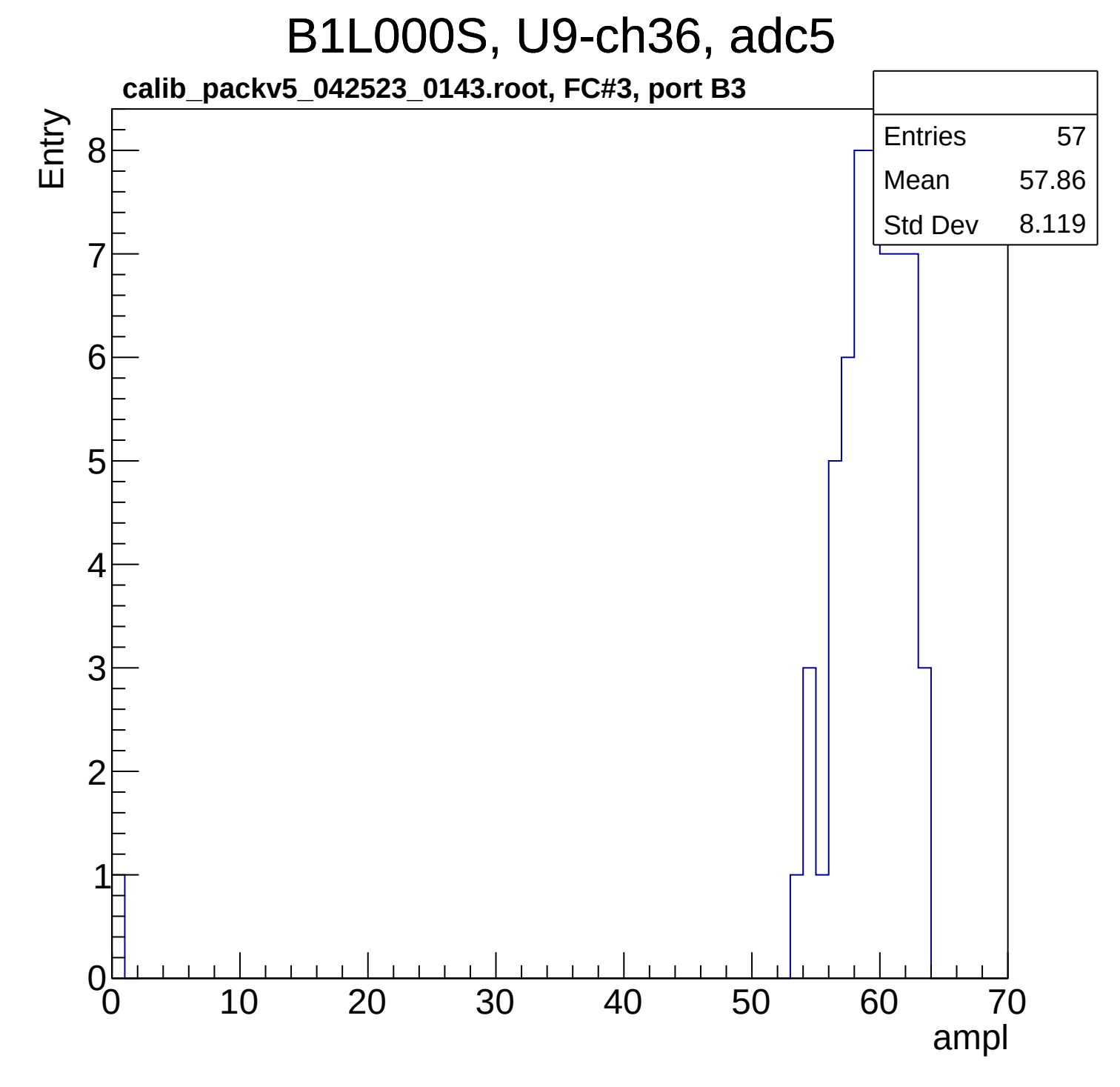

B1L000S, U9-ch36, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 52.43
Std Dev 3.038
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch36, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.86
Std Dev 8.119
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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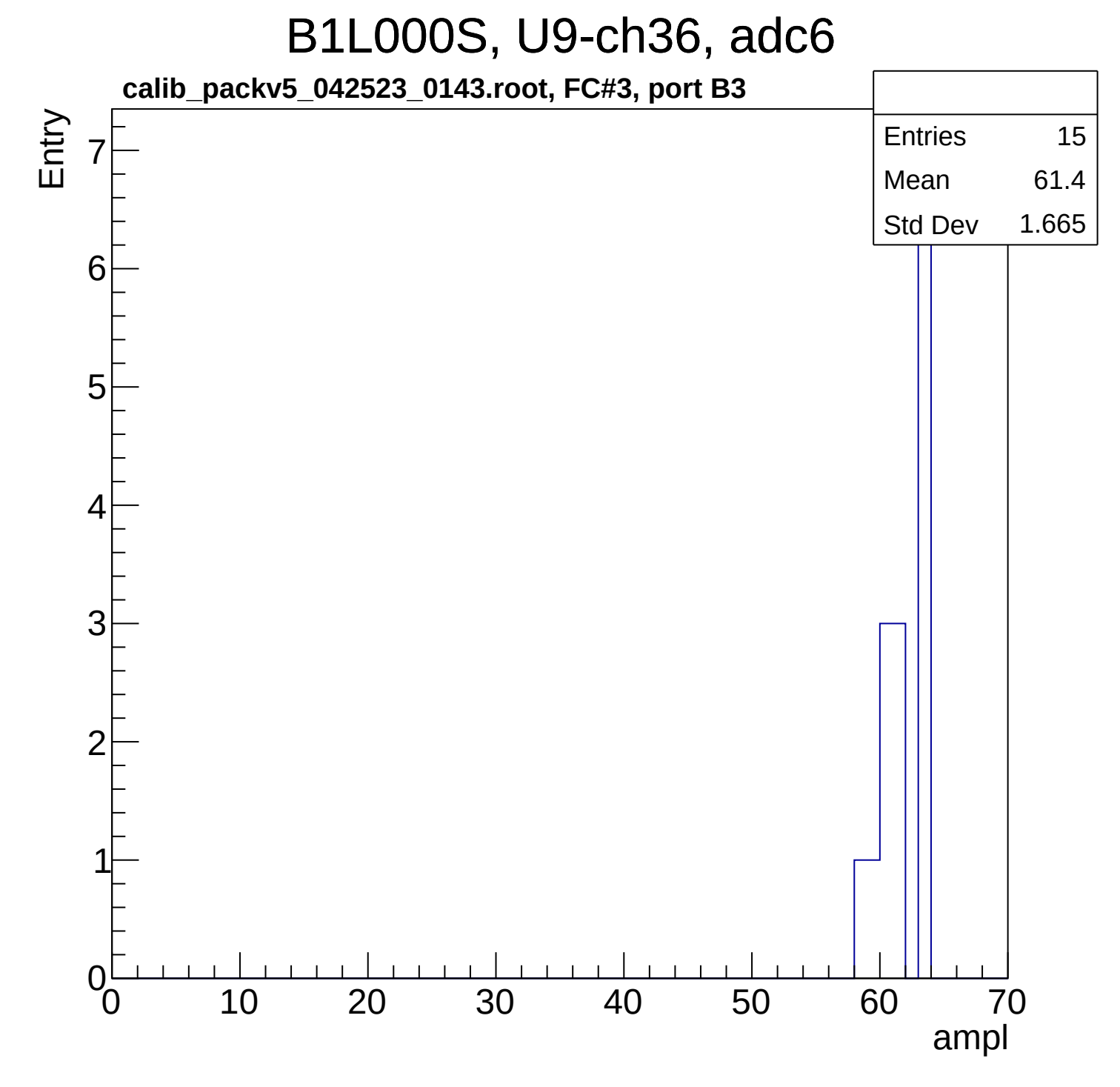
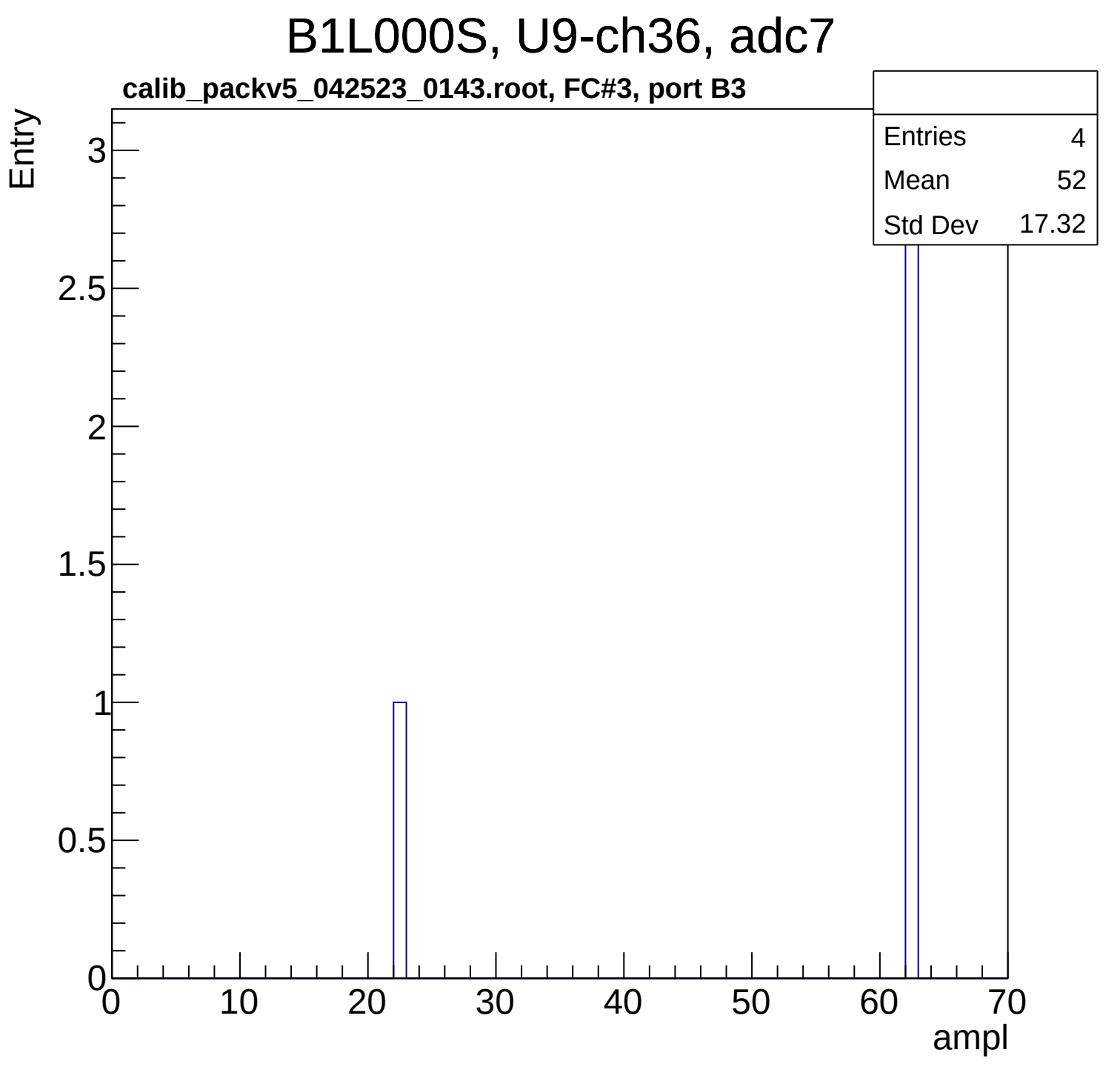
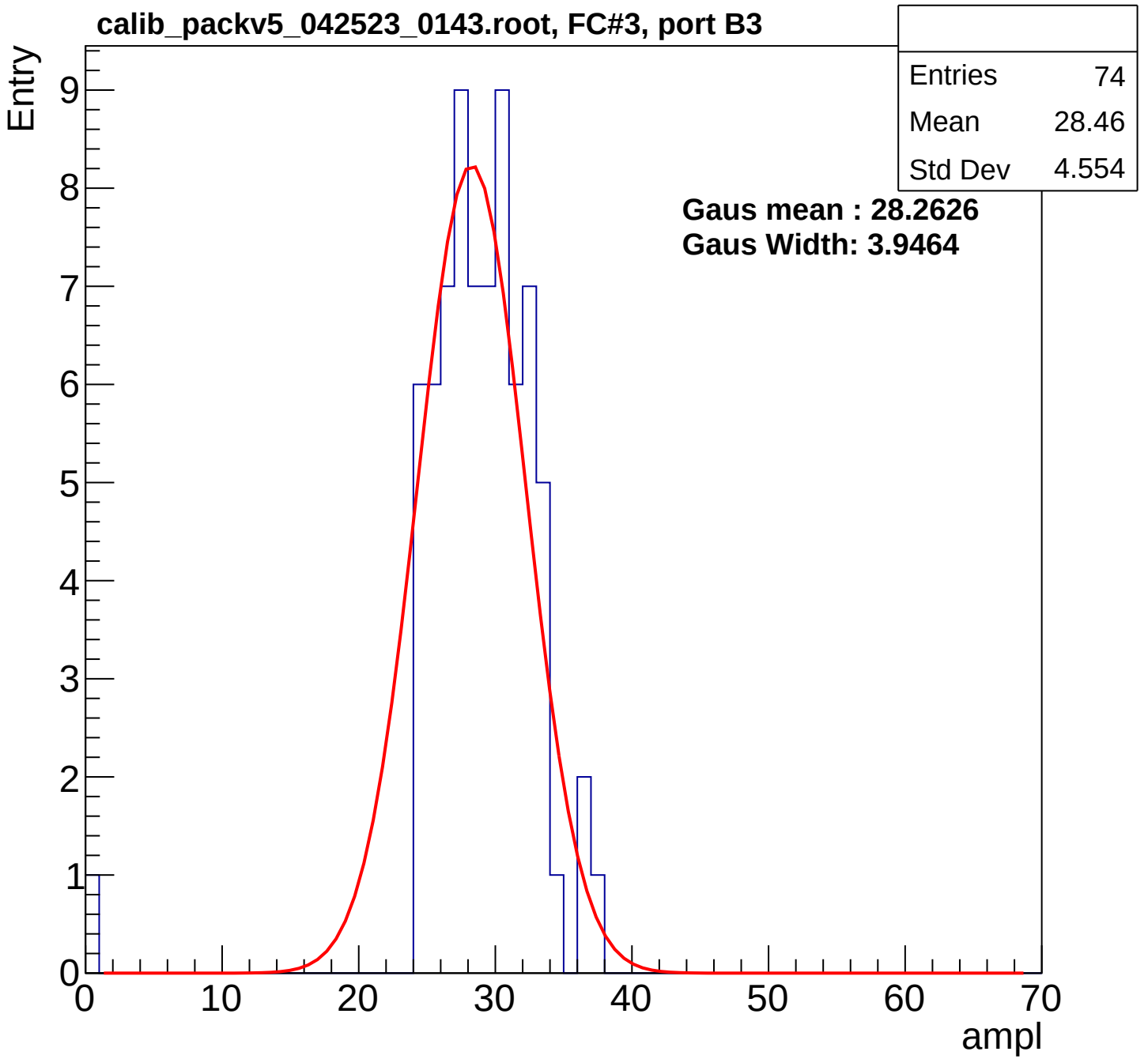
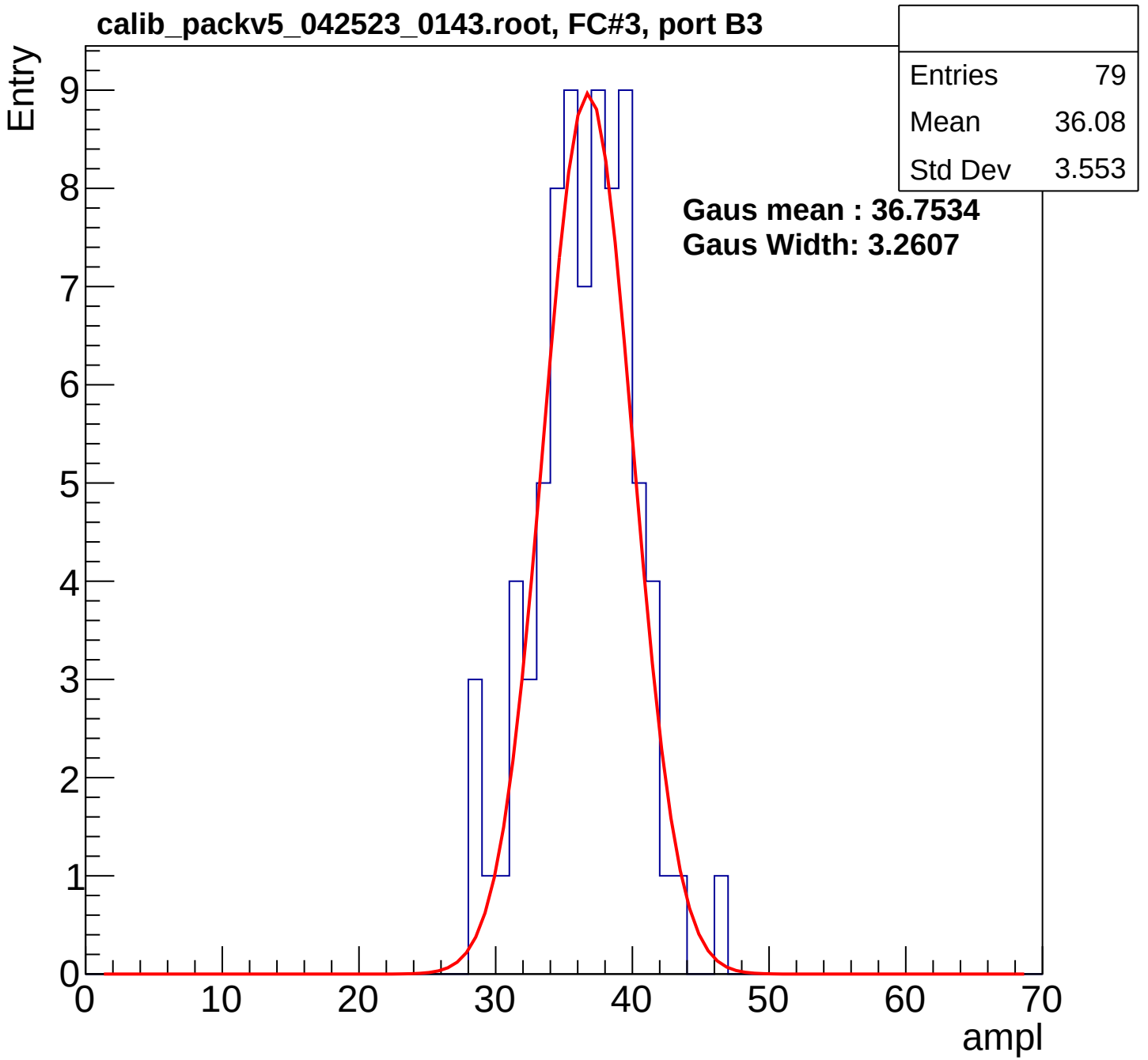
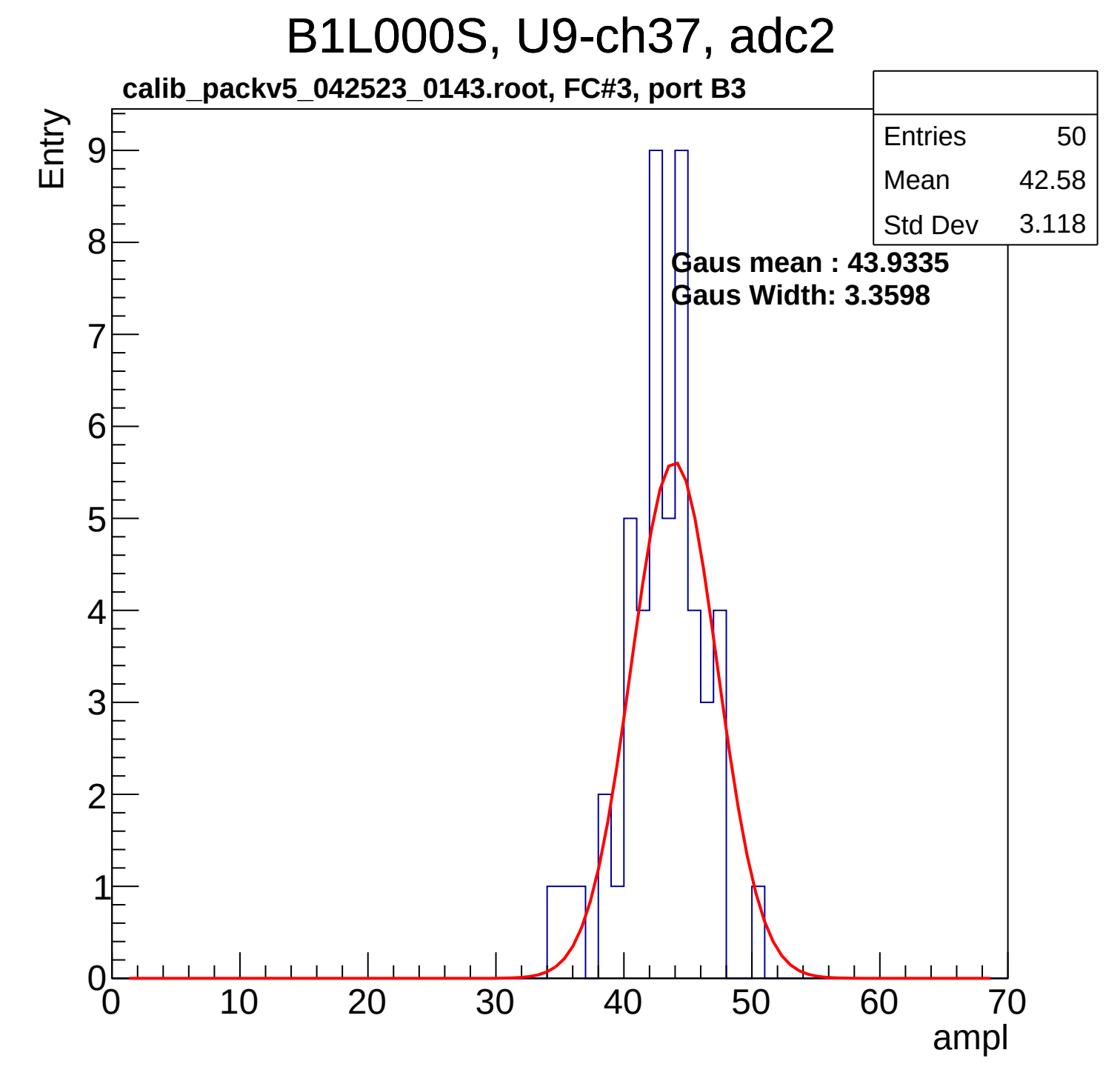
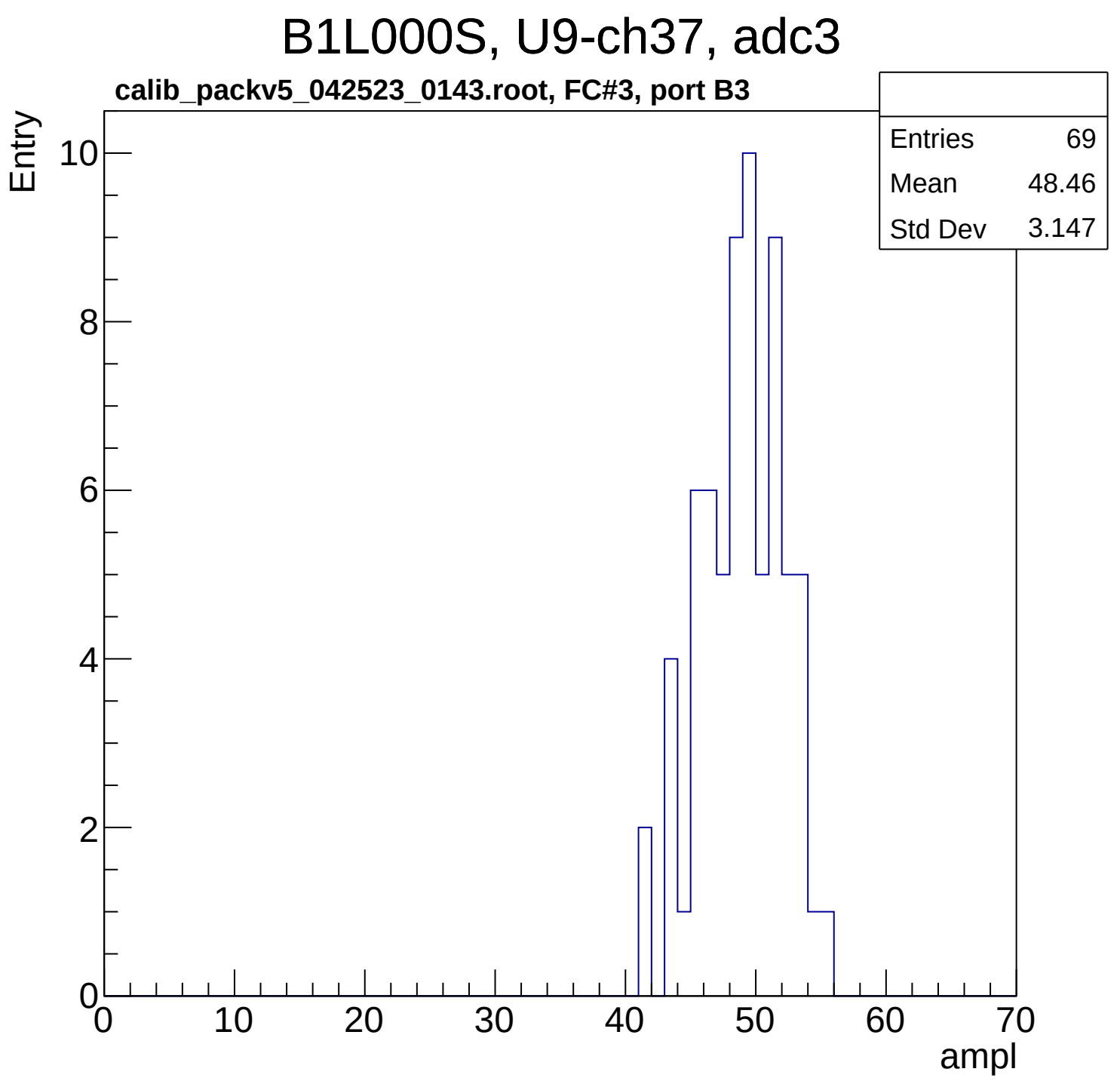

B1L000S, U9-ch36, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.4
Std Dev 1.665
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch36, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 52
Std Dev 17.32
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch37, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.46
Std Dev 4.554
Gaus mean : 28.2626
Gaus Width: 3.9464
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch37, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 36.08
Std Dev 3.553
Gaus mean : 36.7534
Gaus Width: 3.2607
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch37, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 42.58
Std Dev 3.118
Gaus mean : 43.9335
Gaus Width: 3.3598
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch37, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.46
Std Dev 3.147
Entry
0
2
4
6
8
10
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10
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30
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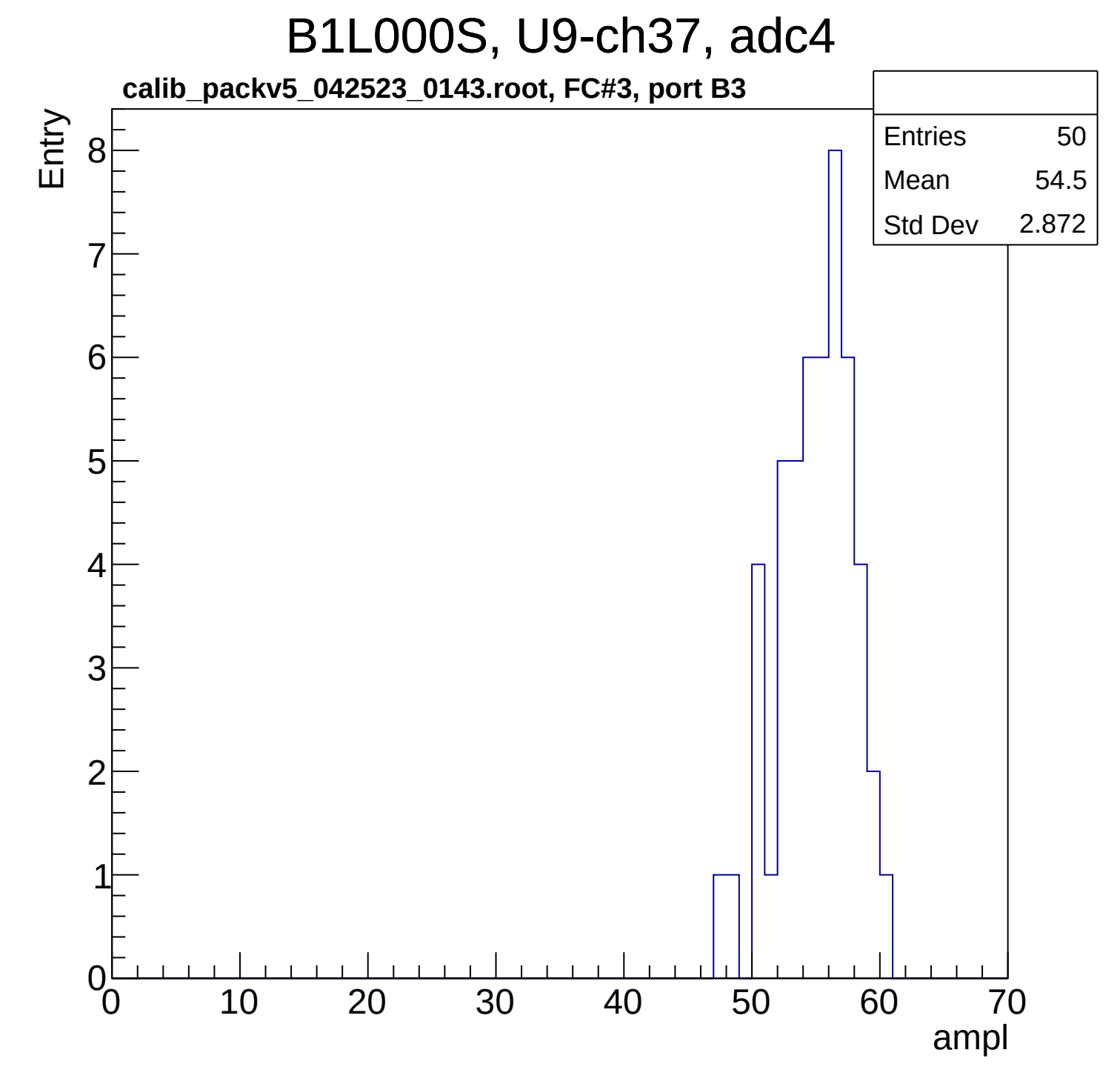
50
60
70
ampl


B1L000S, U9-ch37, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 54.5
Std Dev 2.872
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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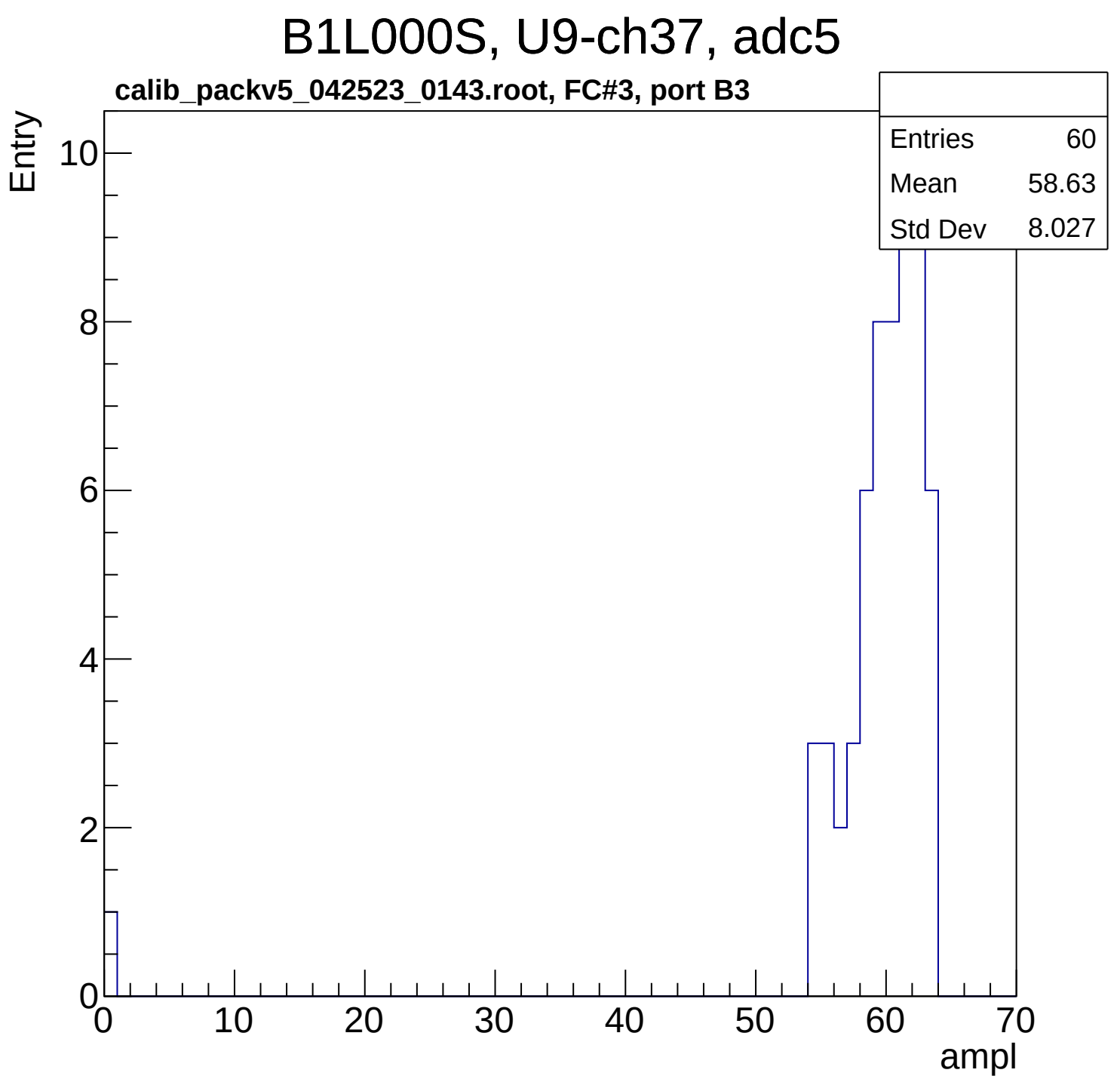
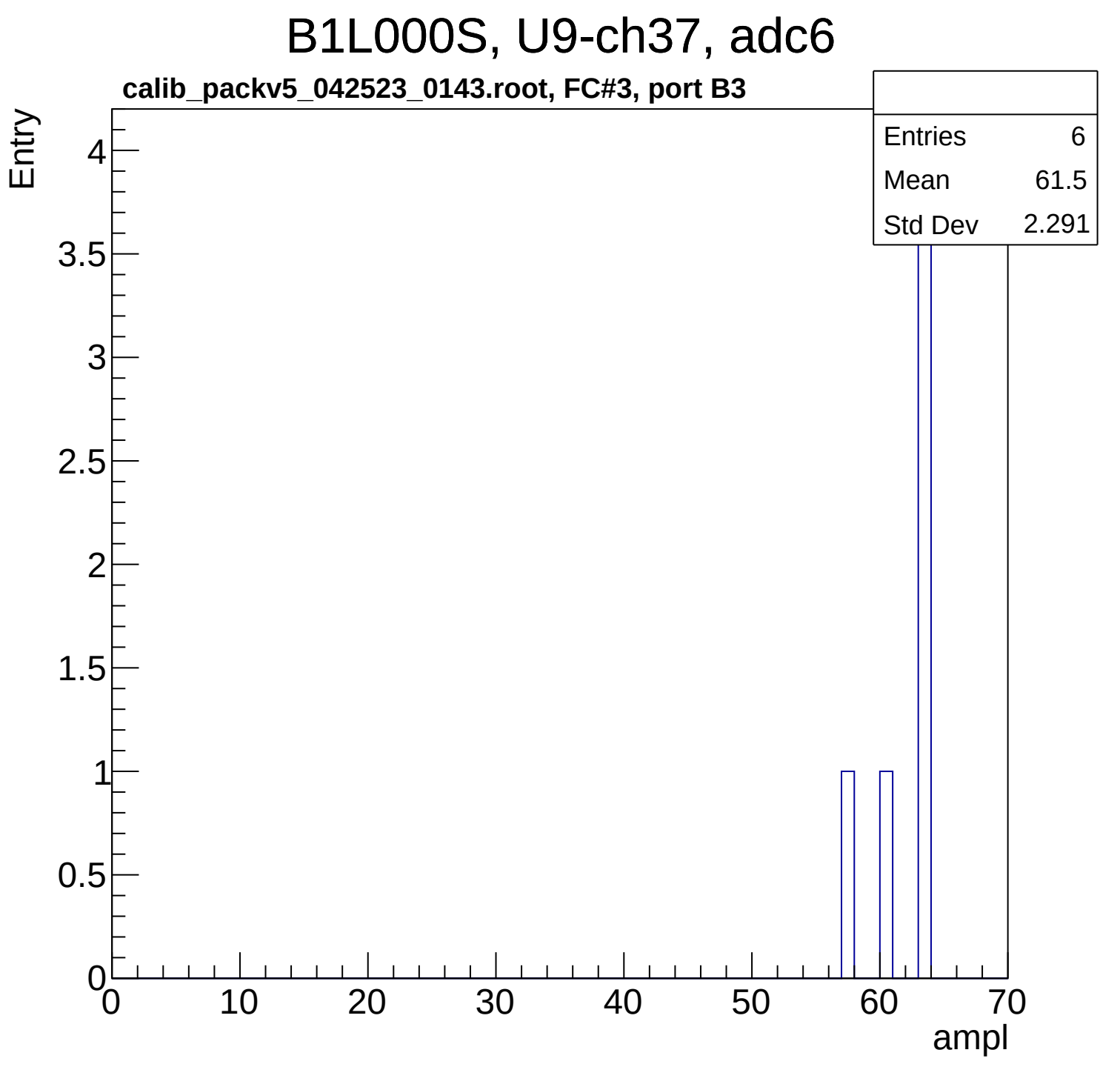
40
50
60
70


B1L000S, U9-ch37, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.63
Std Dev 8.027
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch37, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.5
Std Dev 2.291
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
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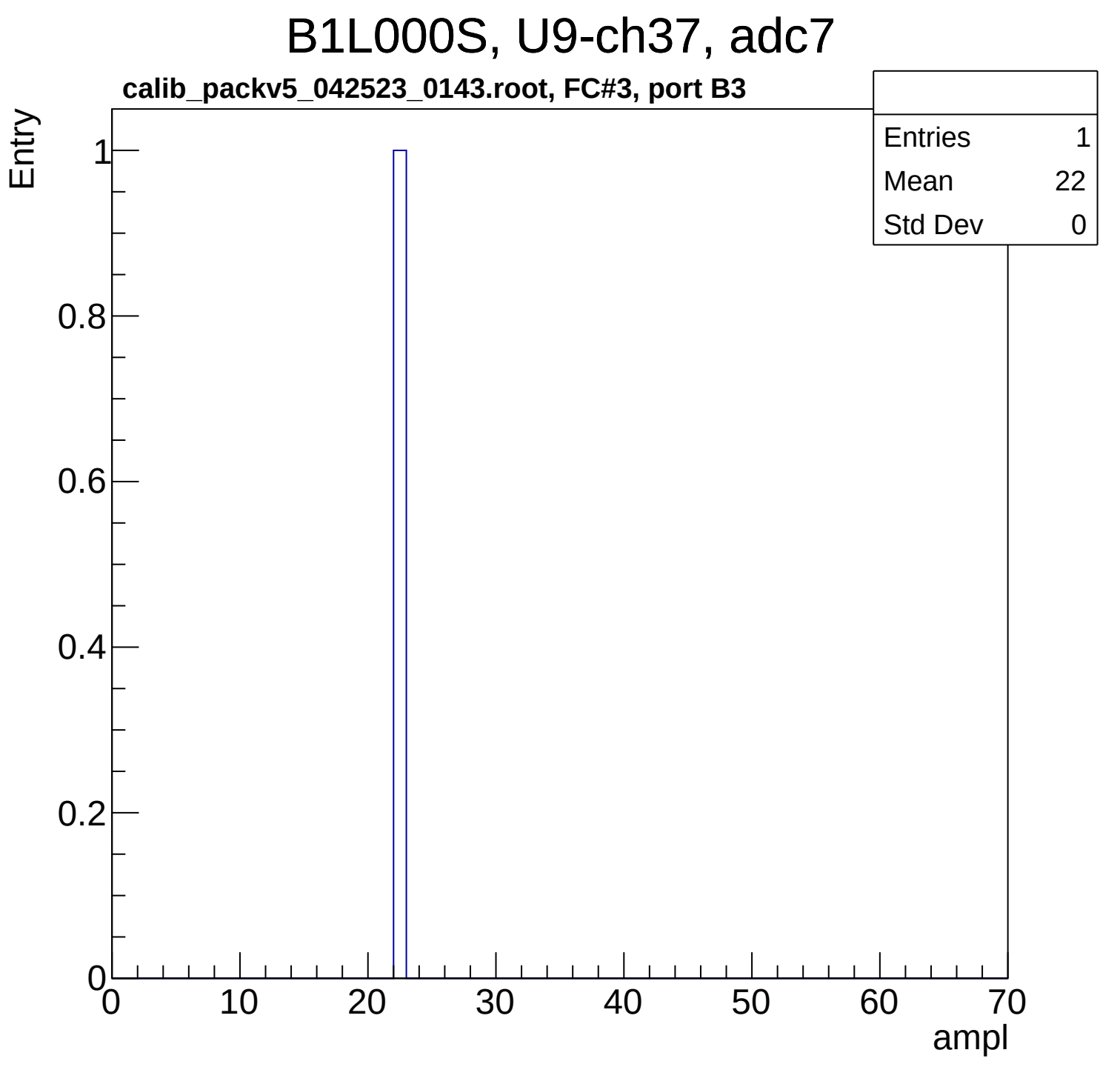
40
50
60
70


B1L000S, U9-ch37, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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0.6
0.4
0.2
0
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10
20
30
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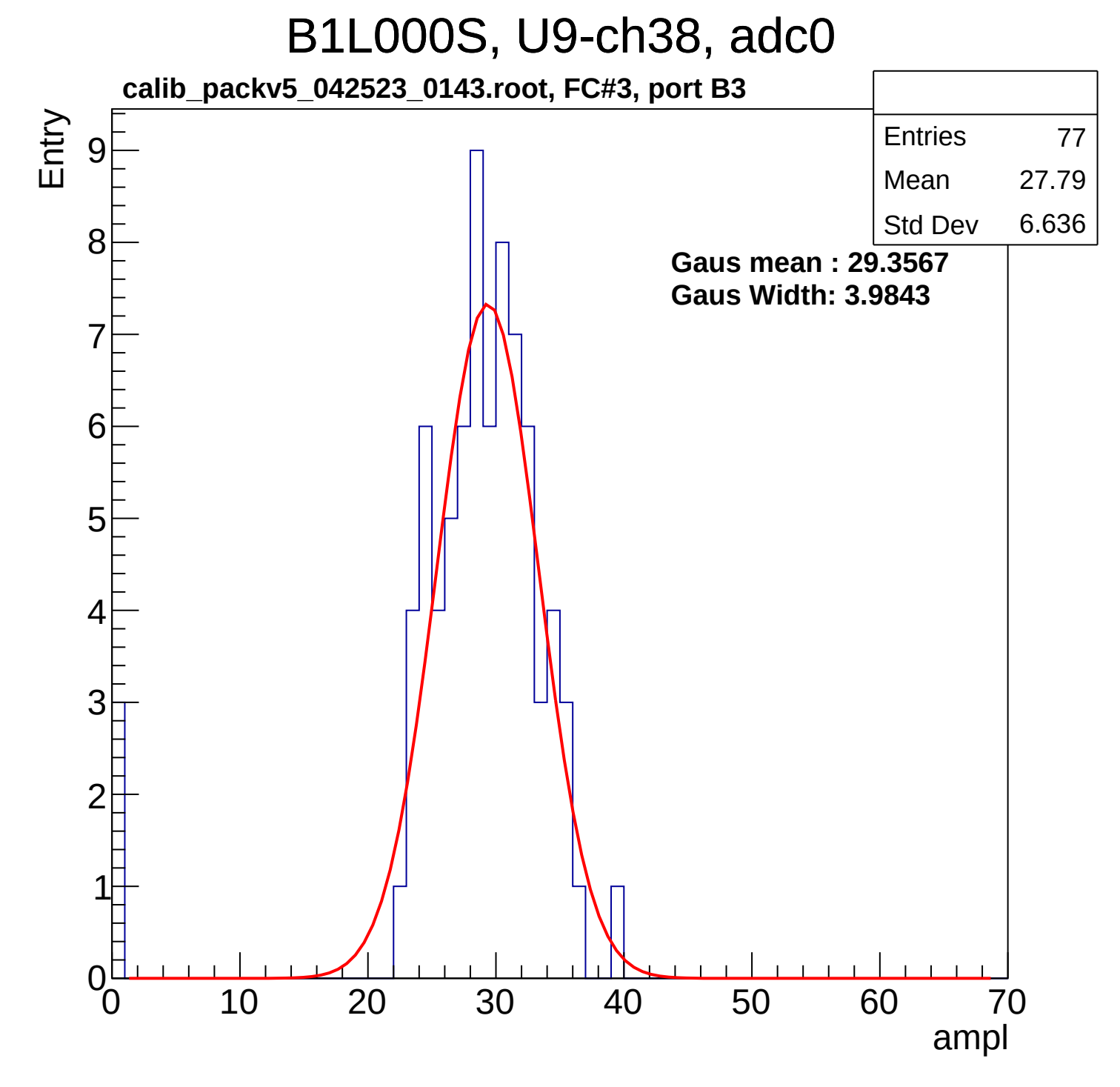
50
60
70
ampl


B1L000S, U9-ch38, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 27.79
Std Dev 6.636
Gaus mean : 29.3567
Gaus Width: 3.9843
Entry
ampl
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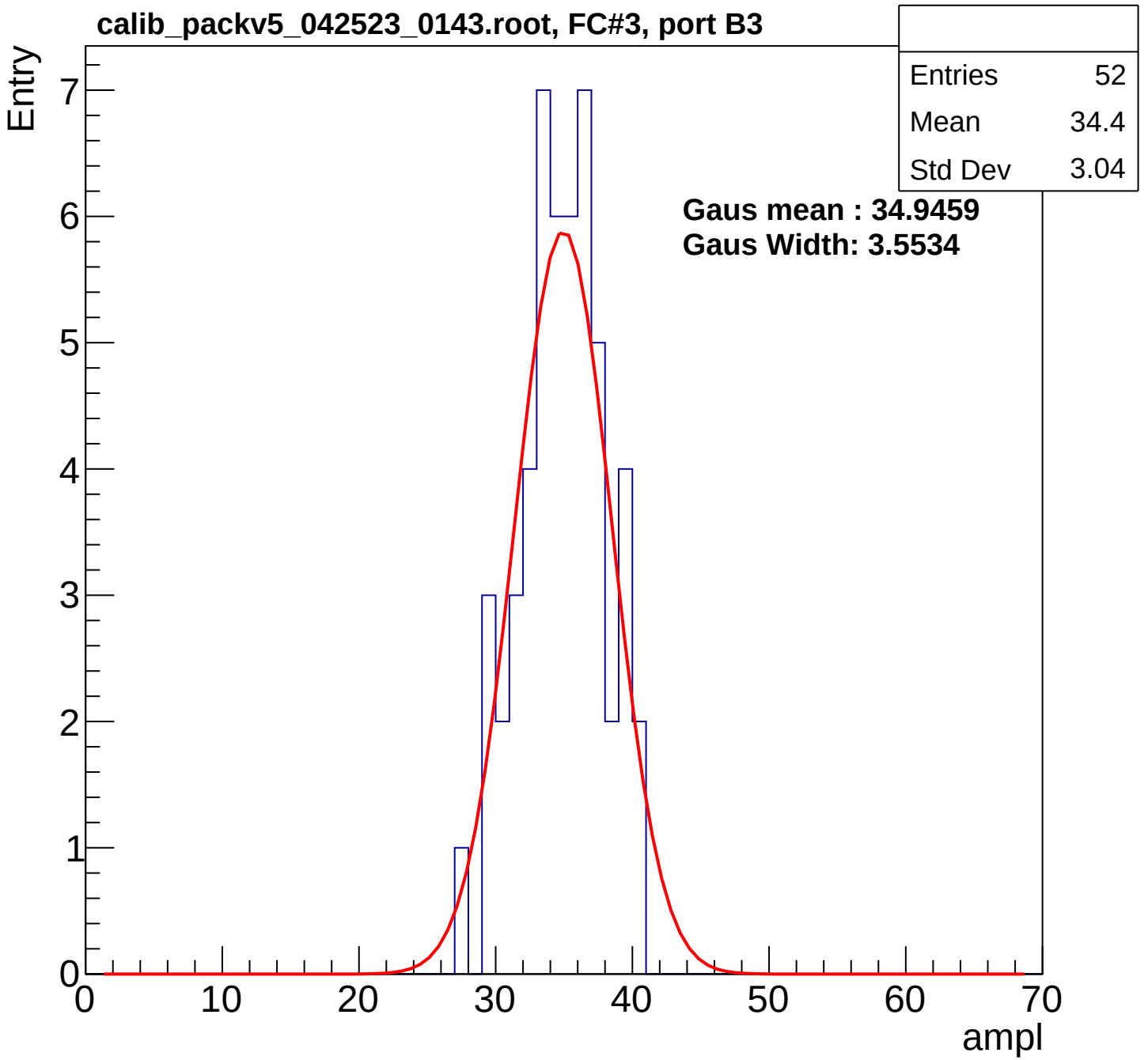
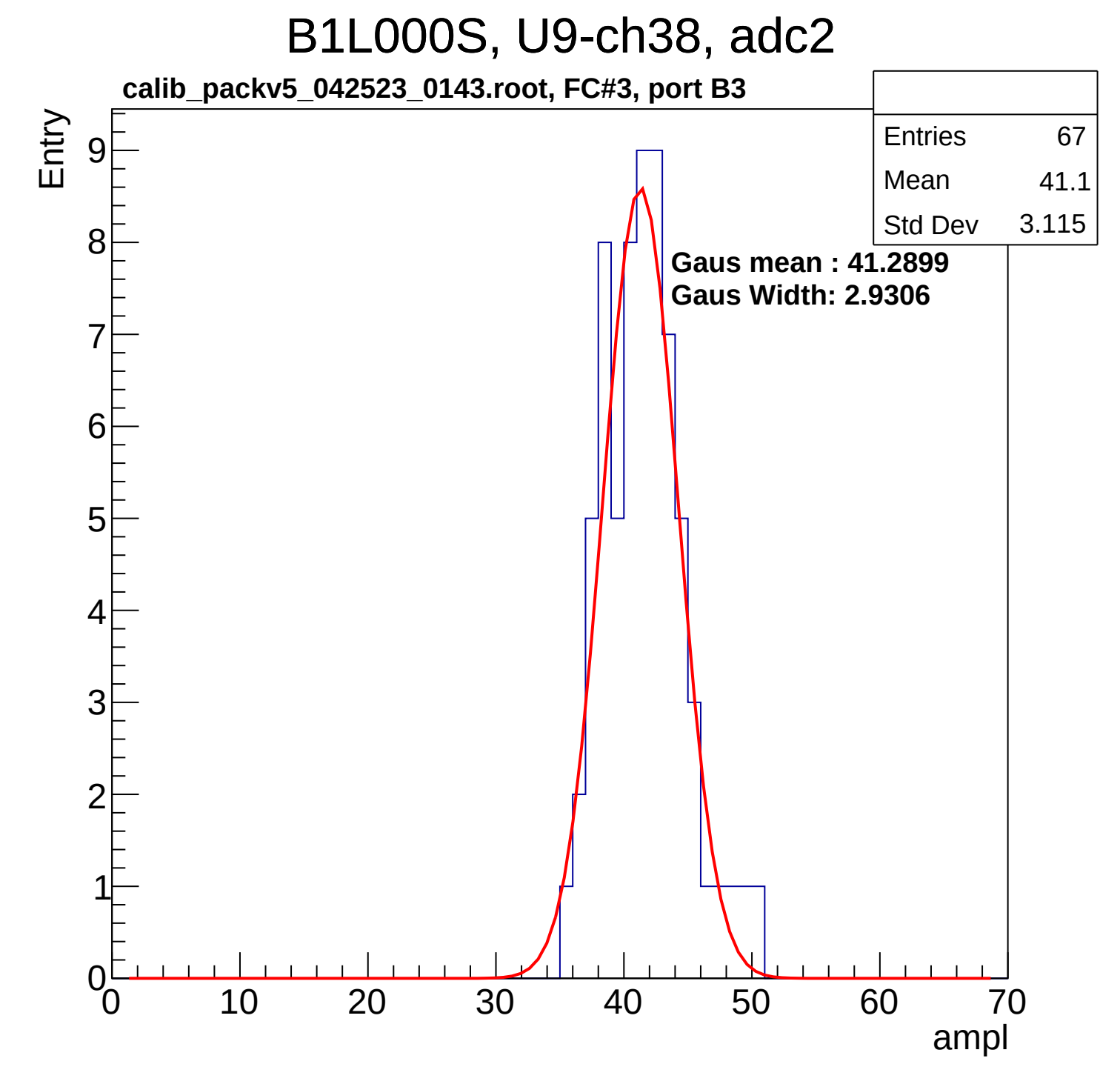
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch38, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 34.4
Std Dev 3.04
Gaus mean : 34.9459
Gaus Width: 3.5534
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch38, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41.1
Std Dev 3.115
Gaus mean : 41.2899
Gaus Width: 2.9306
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
50
60
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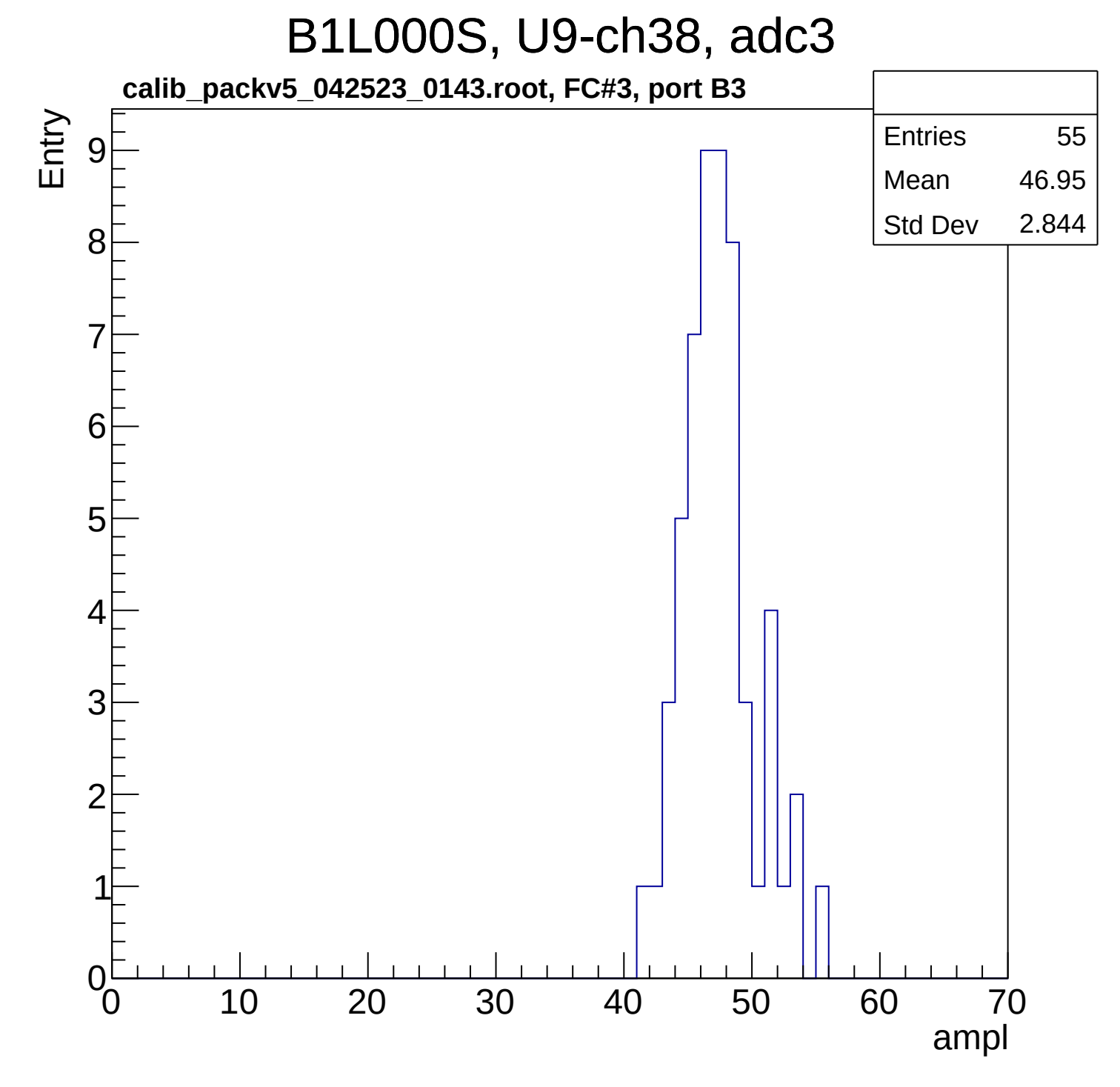
B1L000S, U9-ch38, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 46.95
Std Dev 2.844
Entry
ampl
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3
4
5
6
7
8
9
0
10
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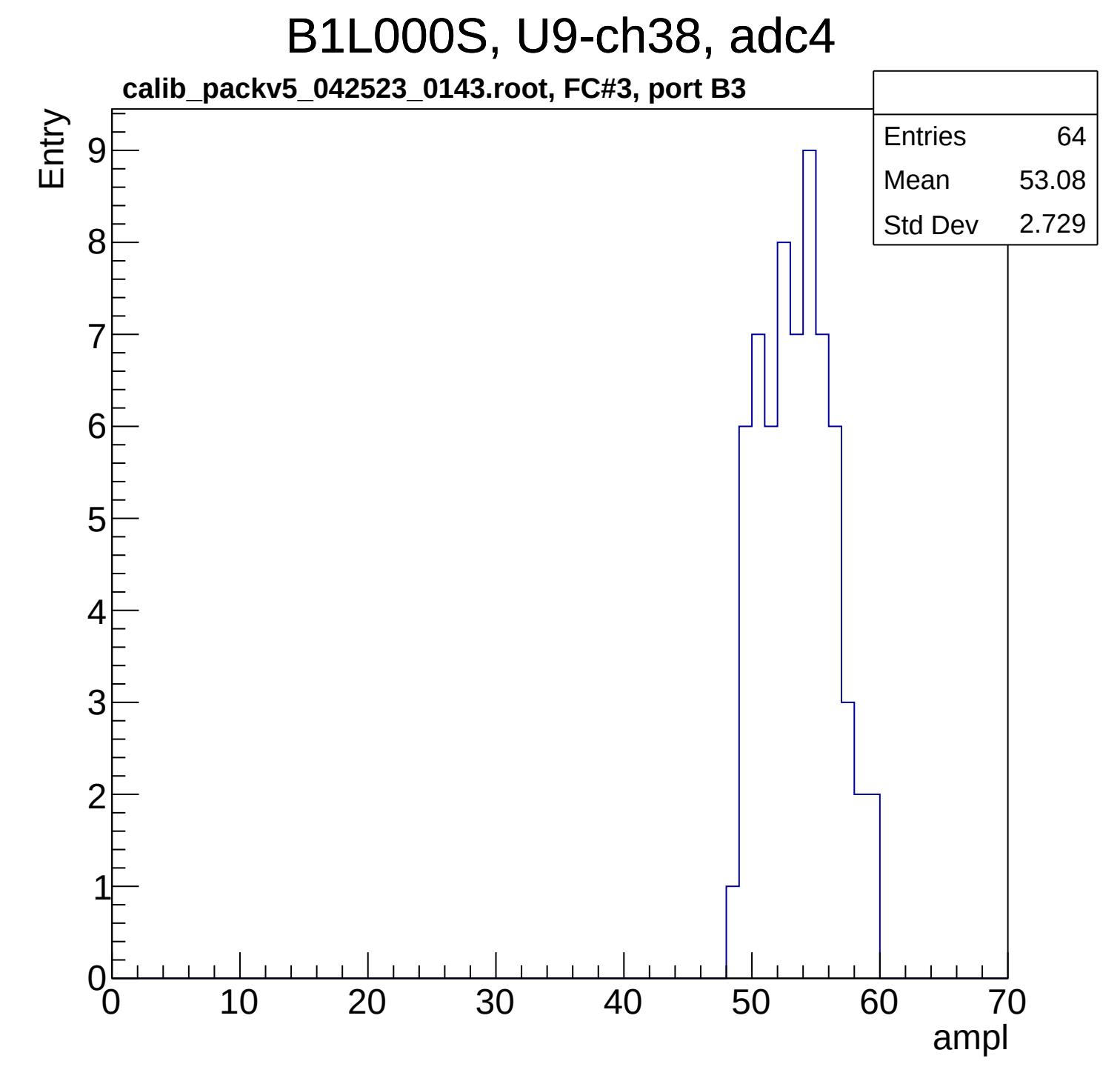
B1L000S, U9-ch38, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 53.08
Std Dev 2.729
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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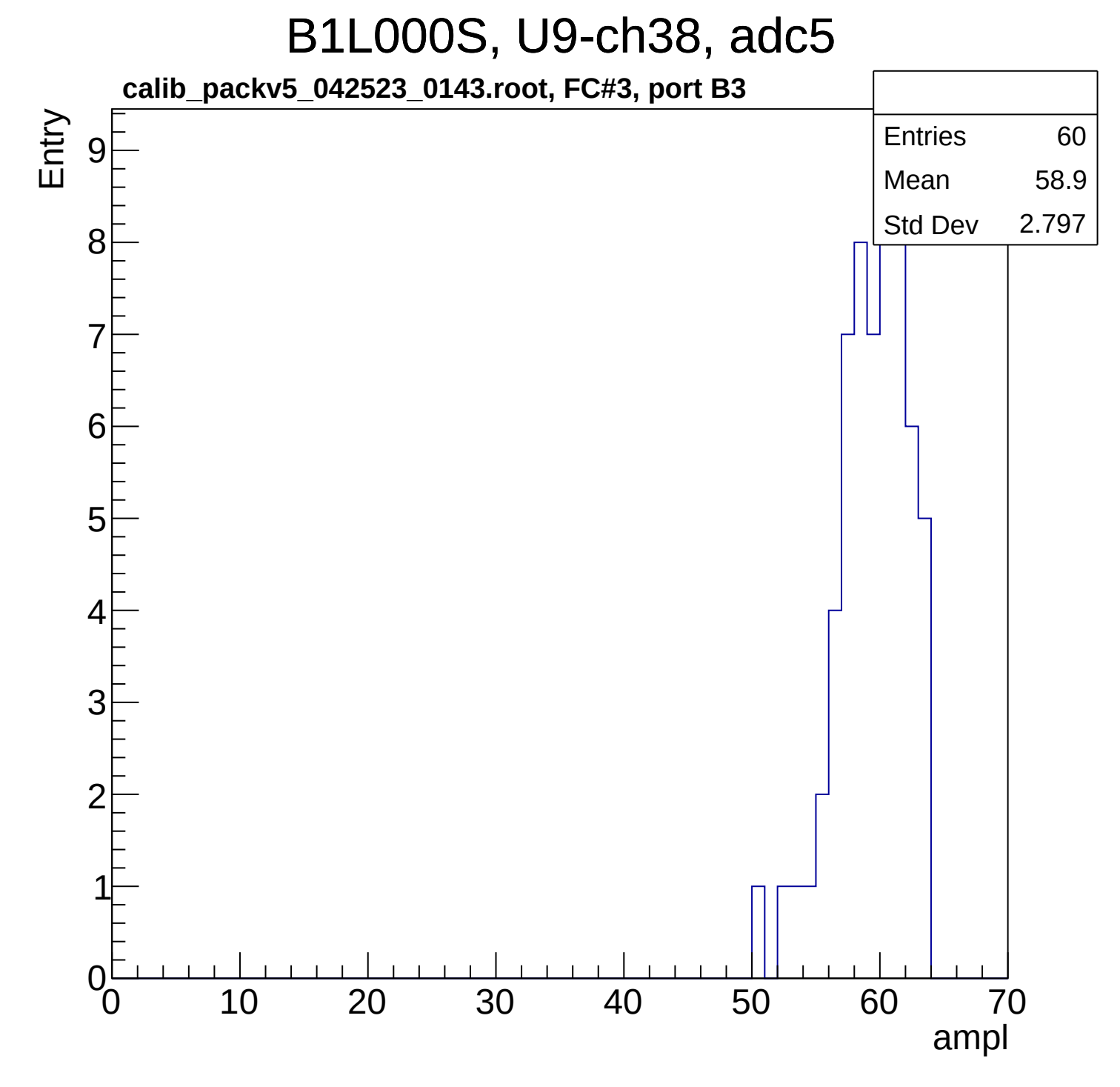
B1L000S, U9-ch38, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.9
Std Dev 2.797
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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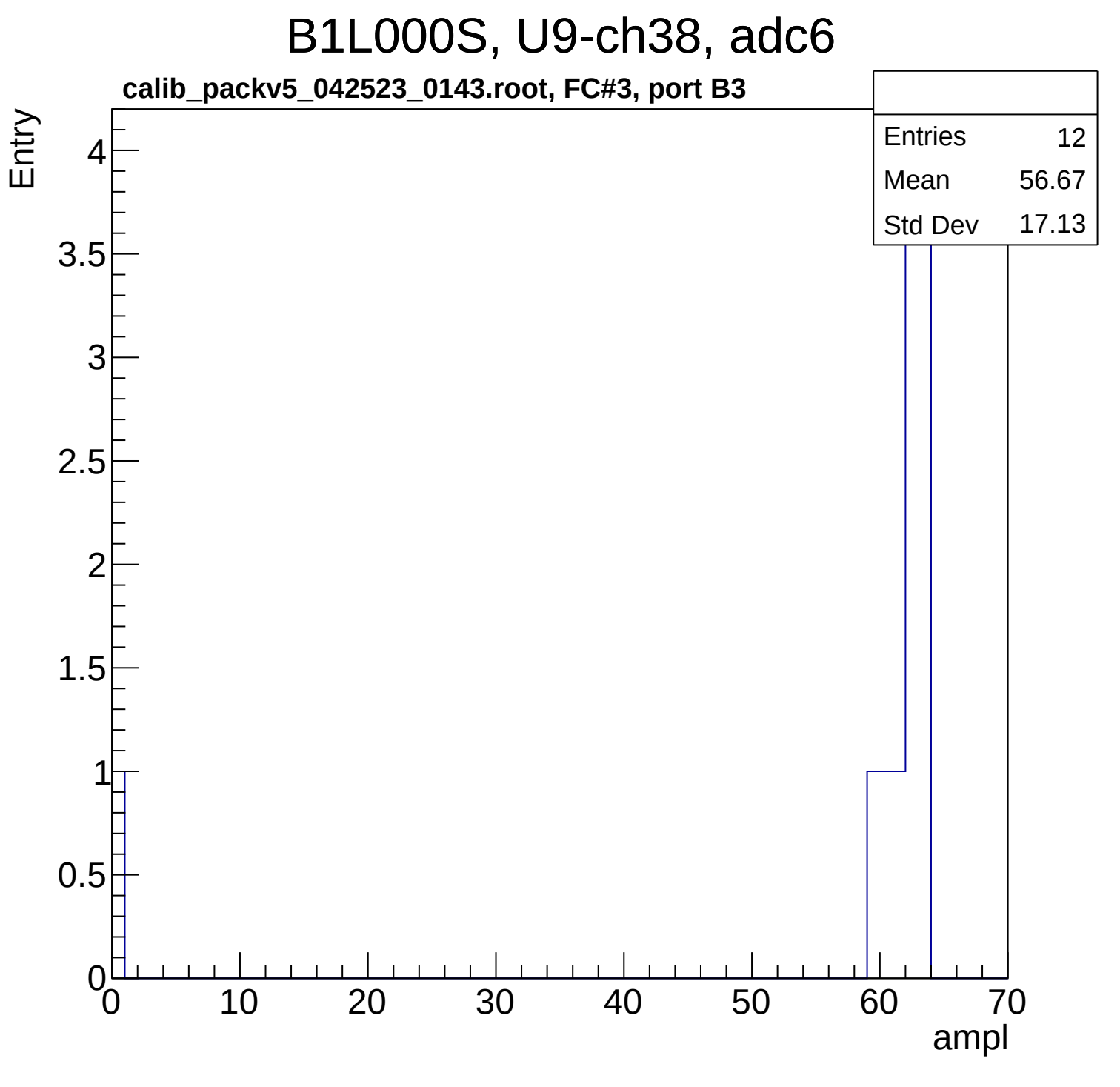
B1L000S, U9-ch38, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.67
Std Dev 17.13
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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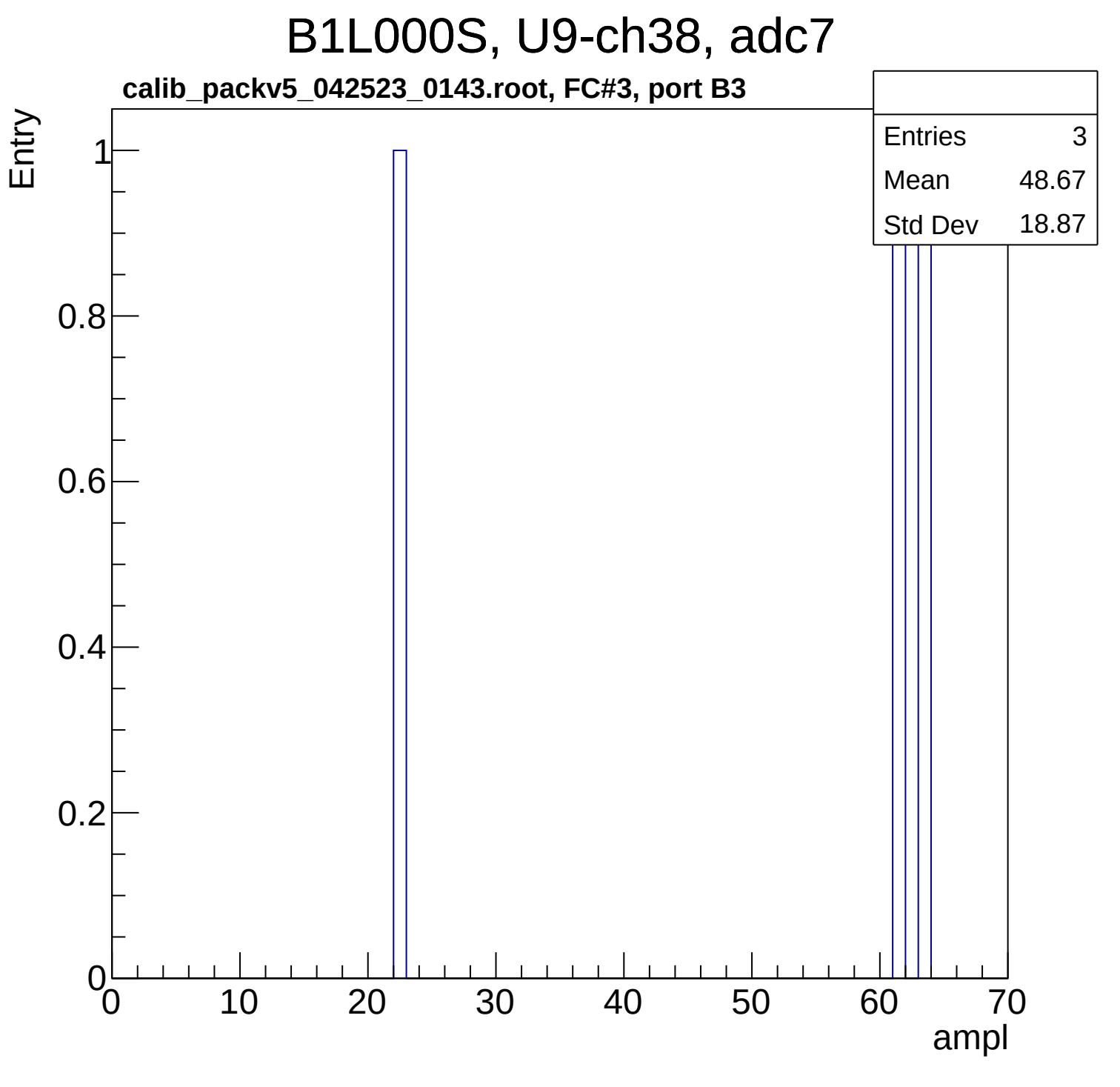
B1L000S, U9-ch38, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 48.67
Std Dev 18.87
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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40
50
60
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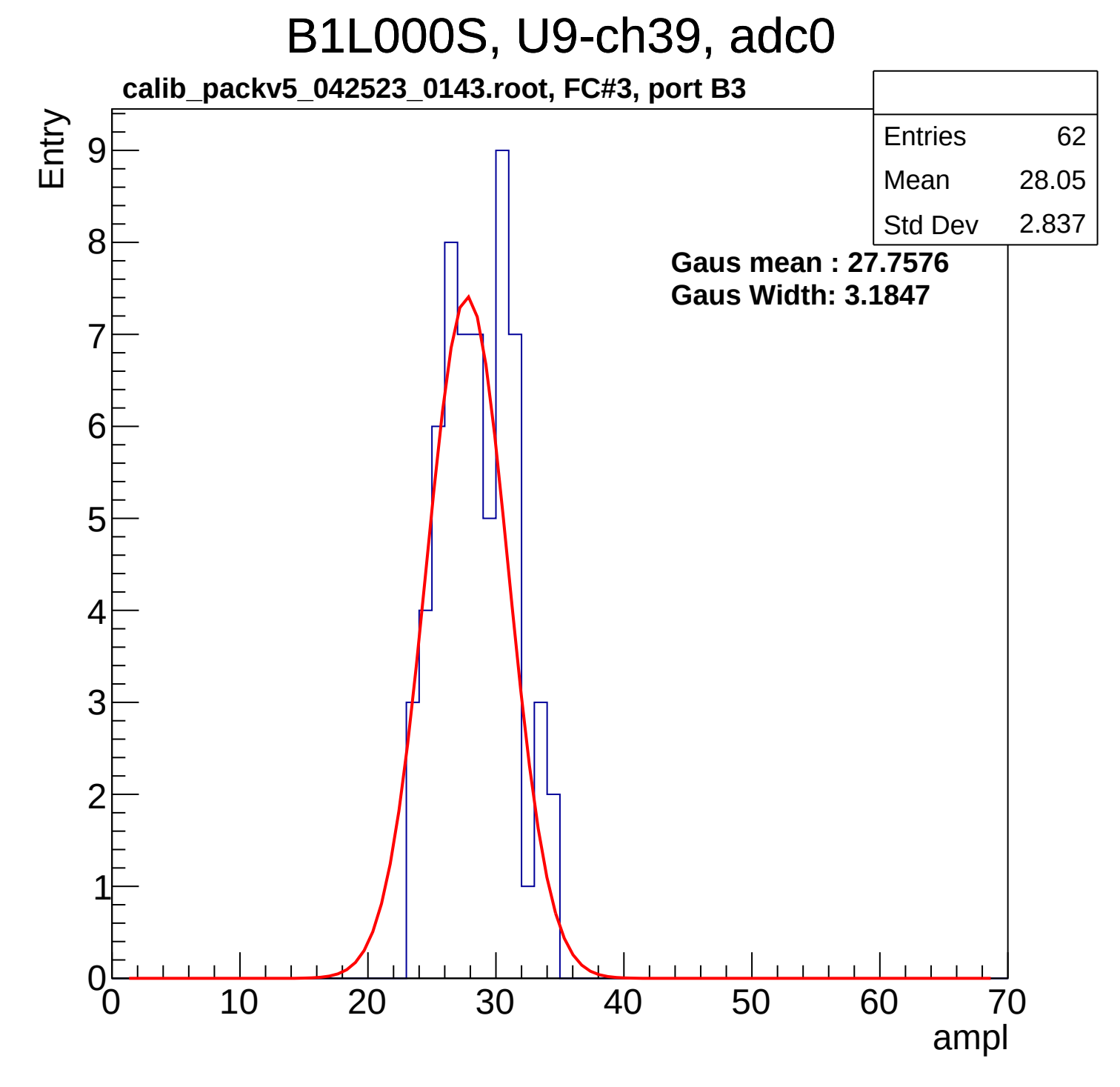
B1L000S, U9-ch39, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 28.05
Std Dev 2.837
Gaus mean : 27.7576
Gaus Width: 3.1847
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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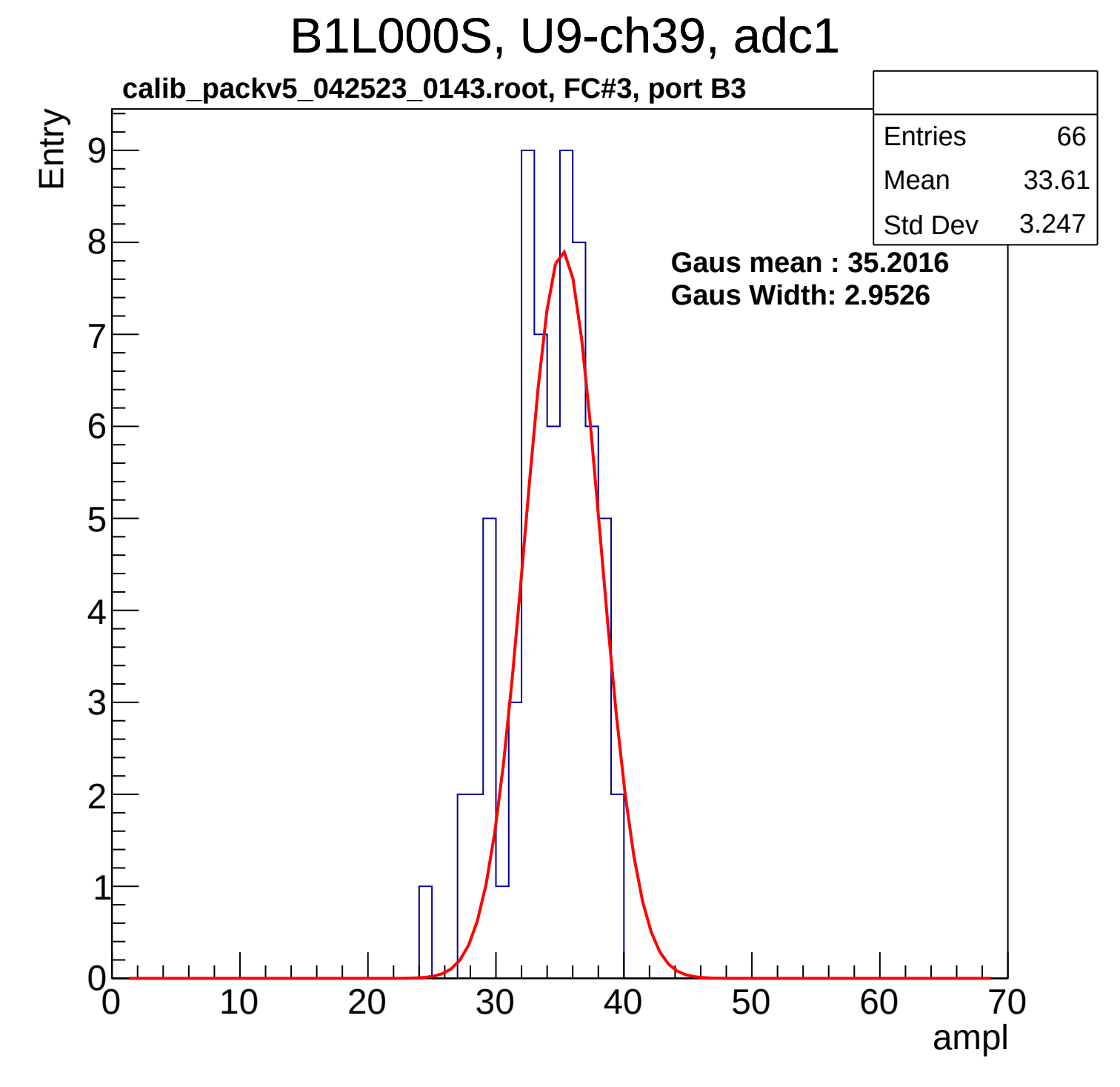
B1L000S, U9-ch39, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 33.61
Std Dev 3.247
Gaus mean : 35.2016
Gaus Width: 2.9526
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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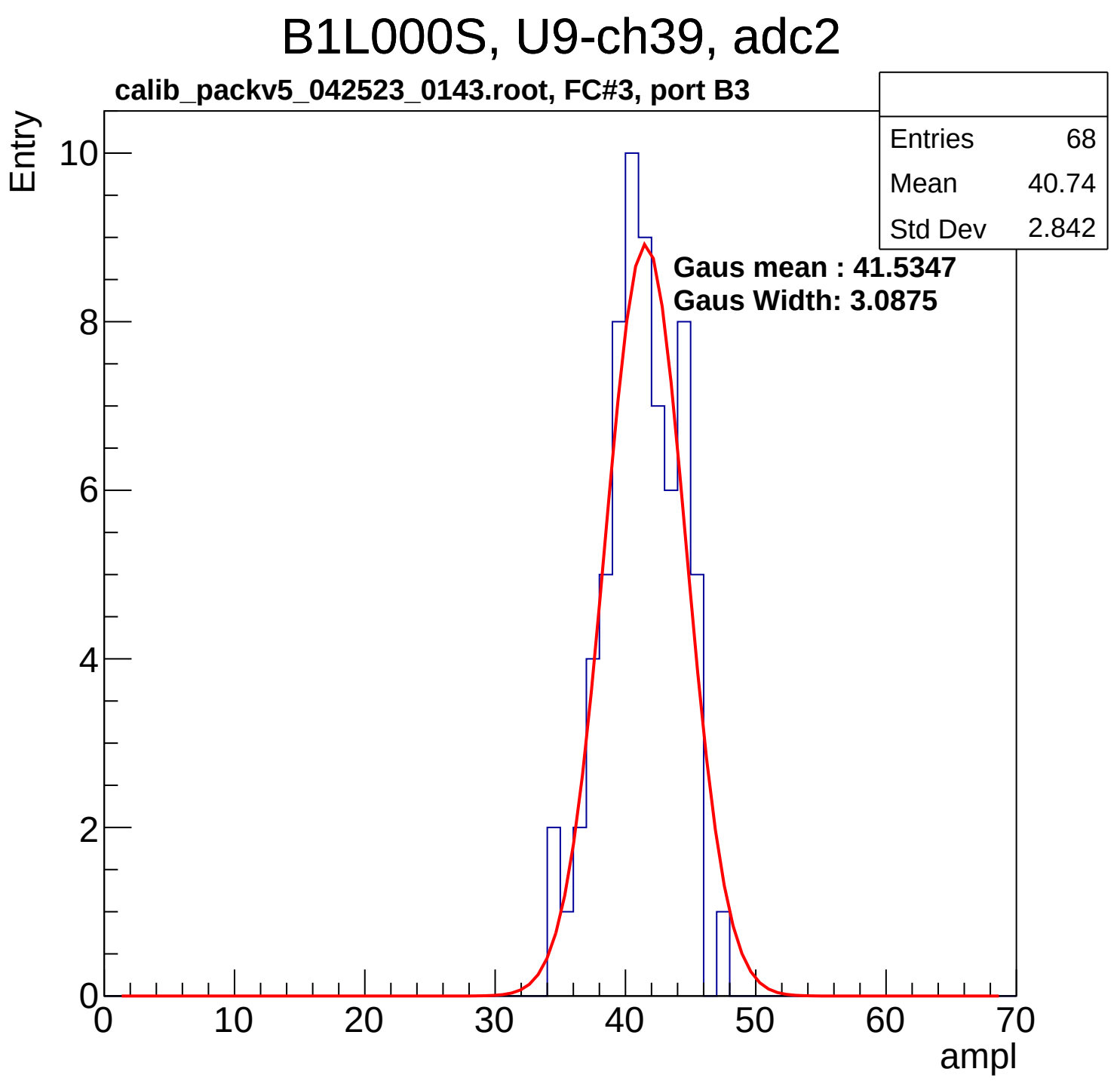
B1L000S, U9-ch39, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 40.74
Std Dev 2.842
Gaus mean : 41.5347
Gaus Width: 3.0875
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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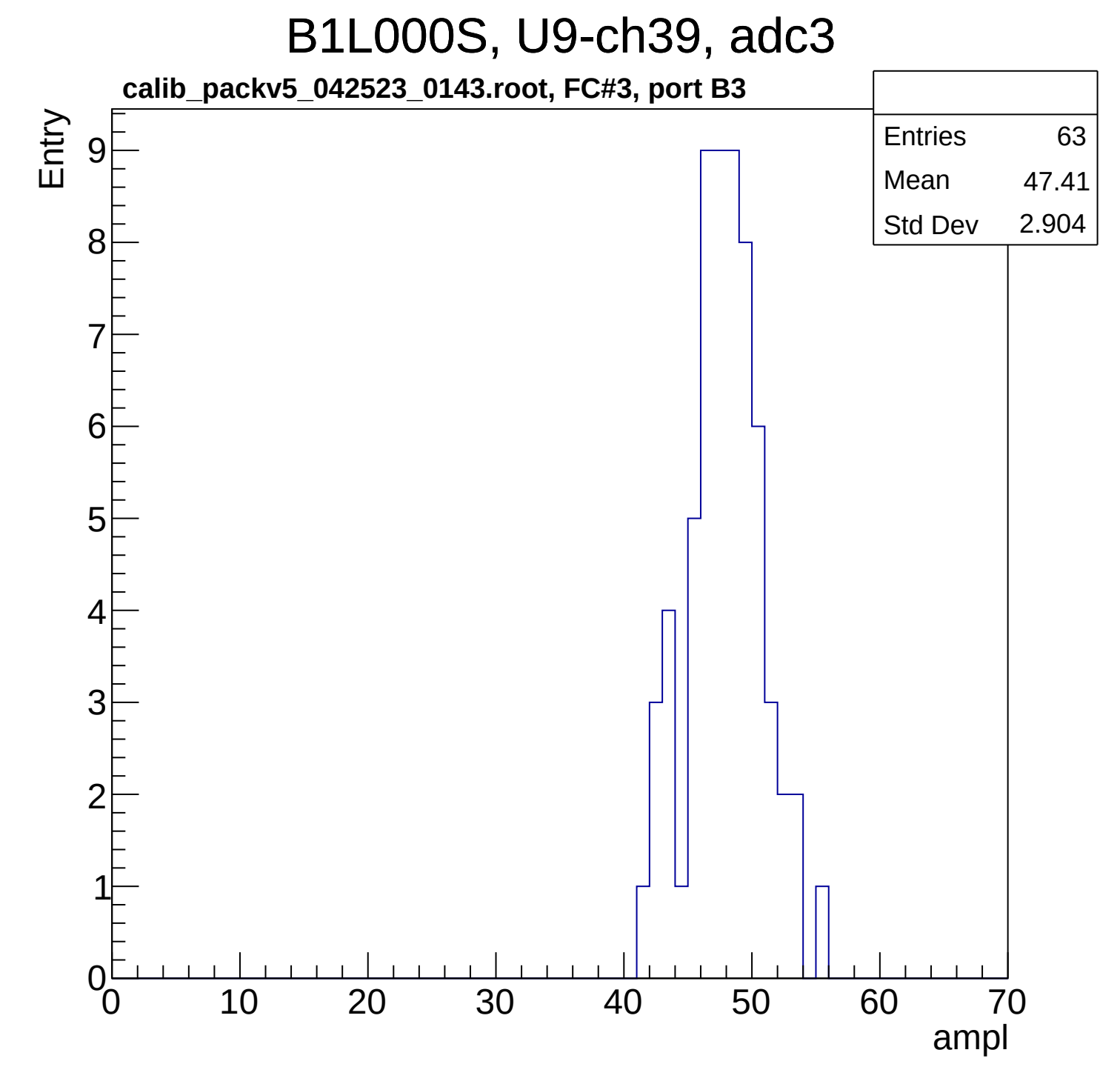
B1L000S, U9-ch39, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.41
Std Dev 2.904
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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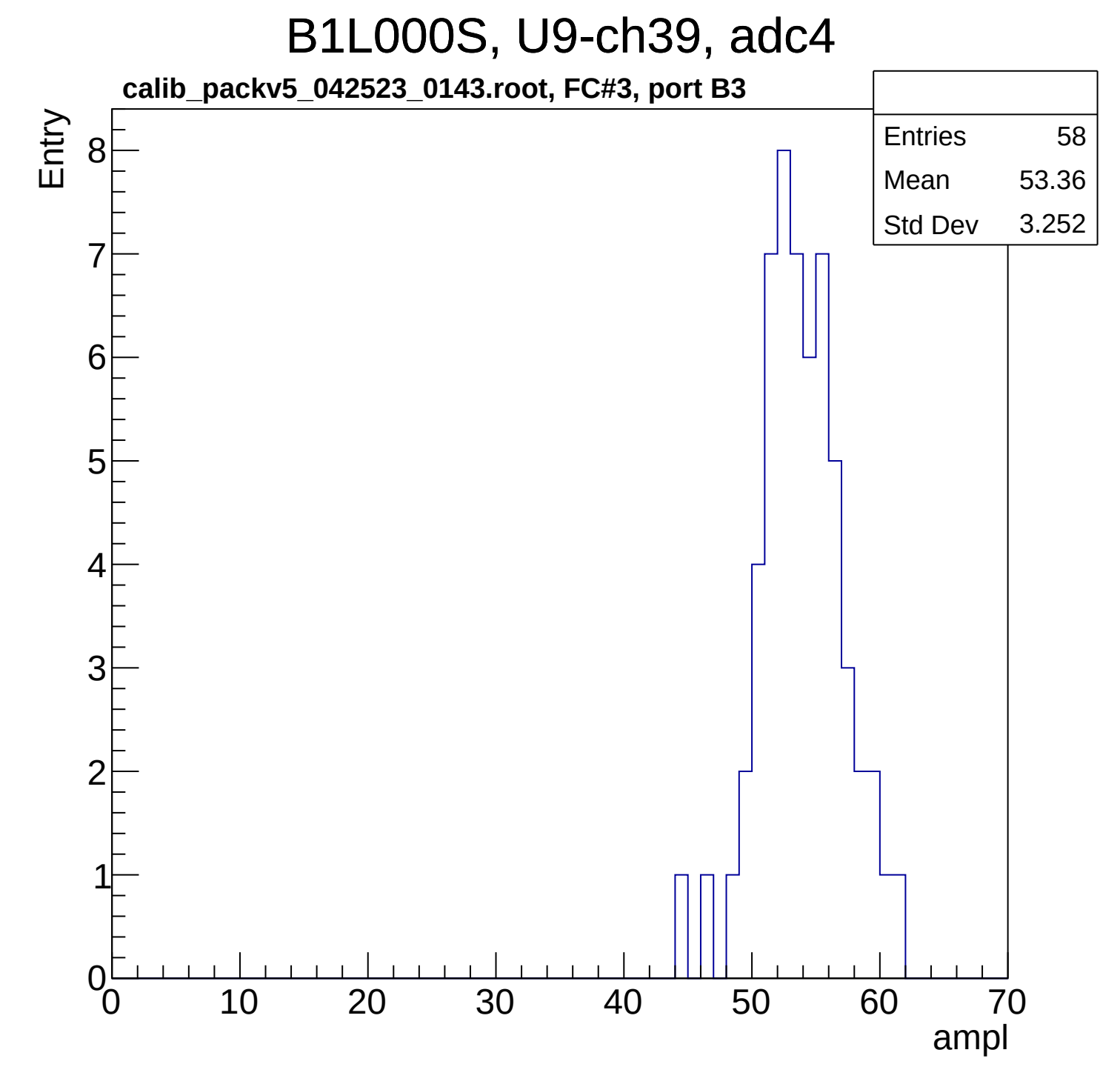
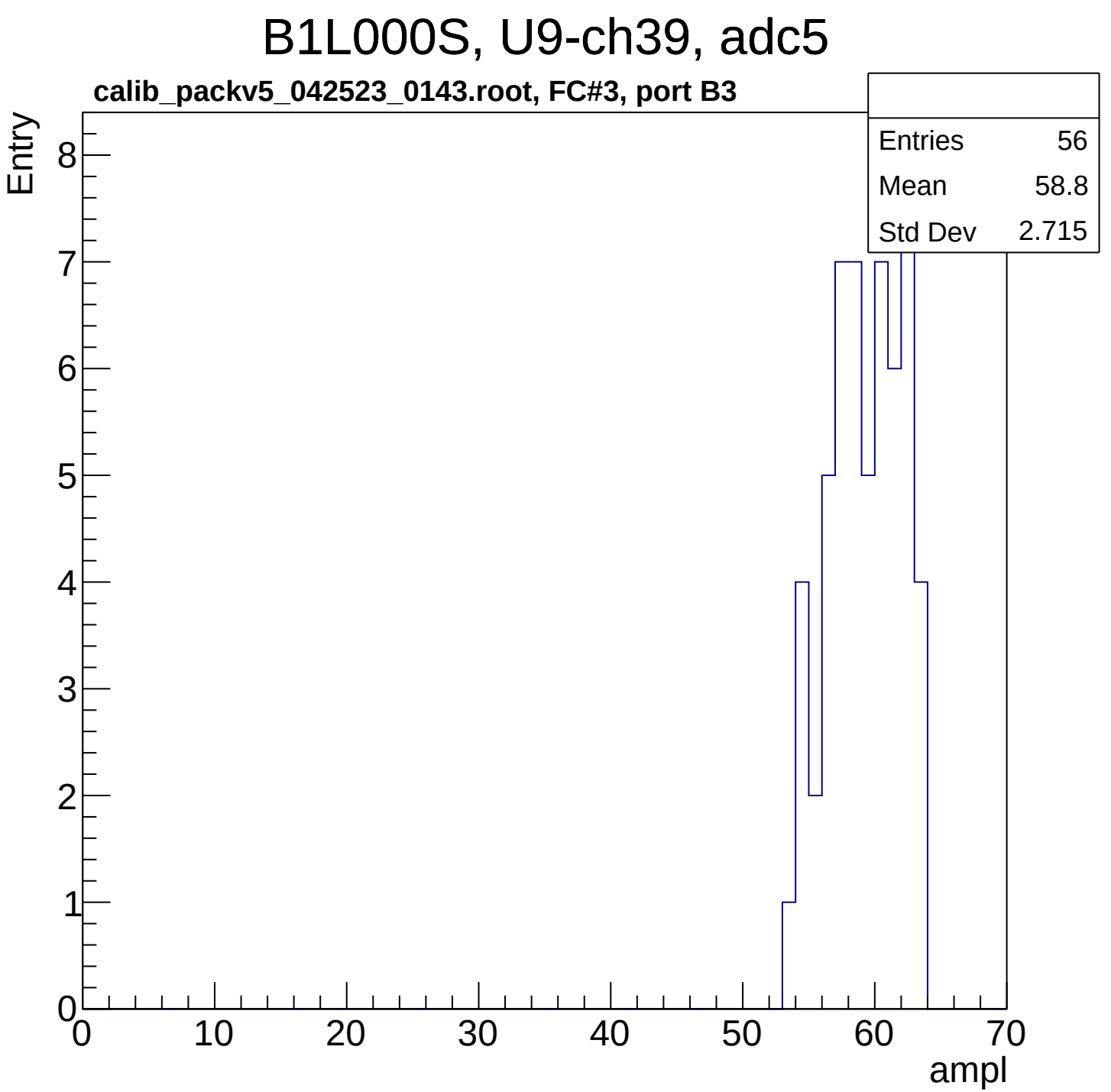
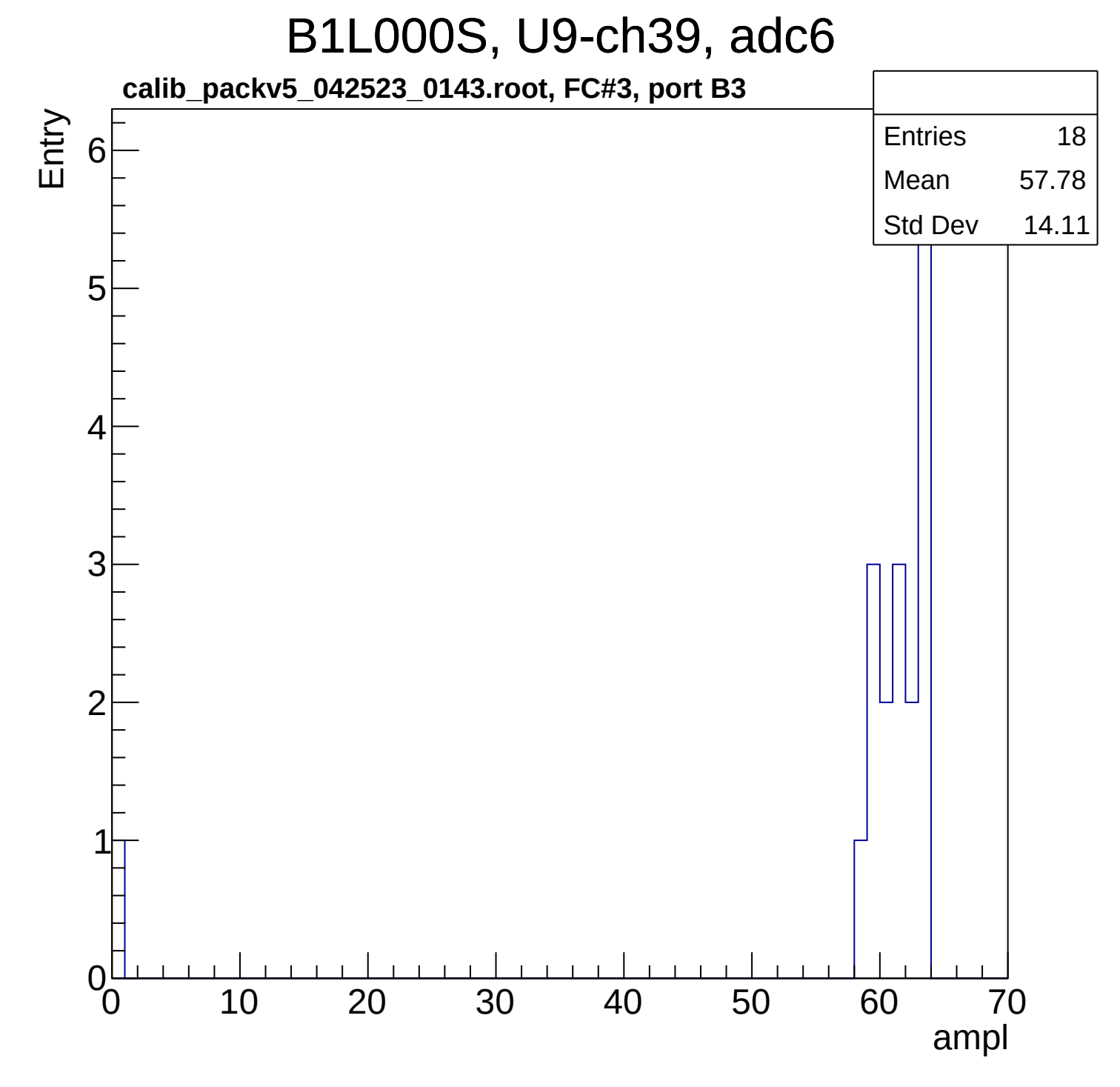
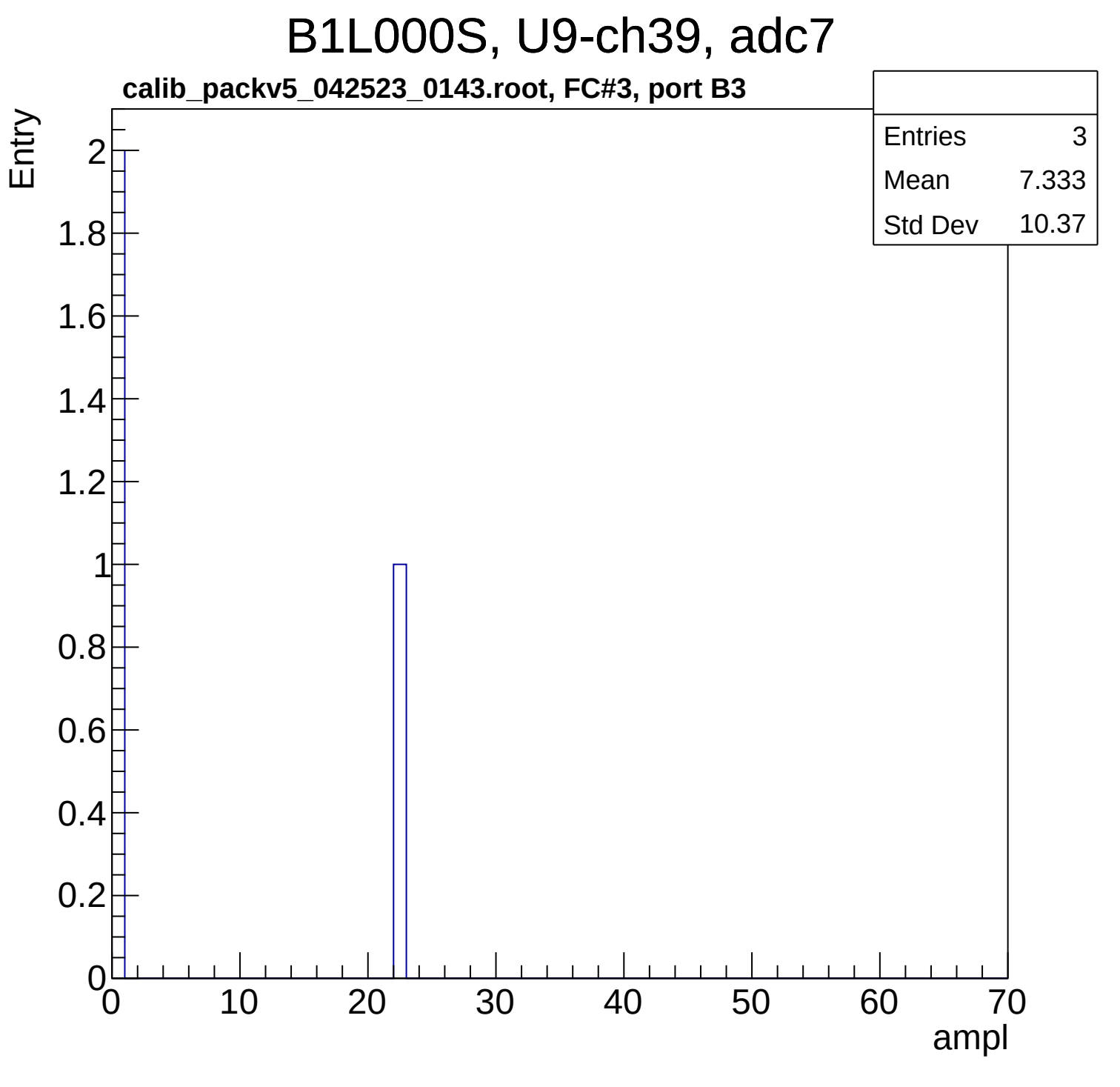
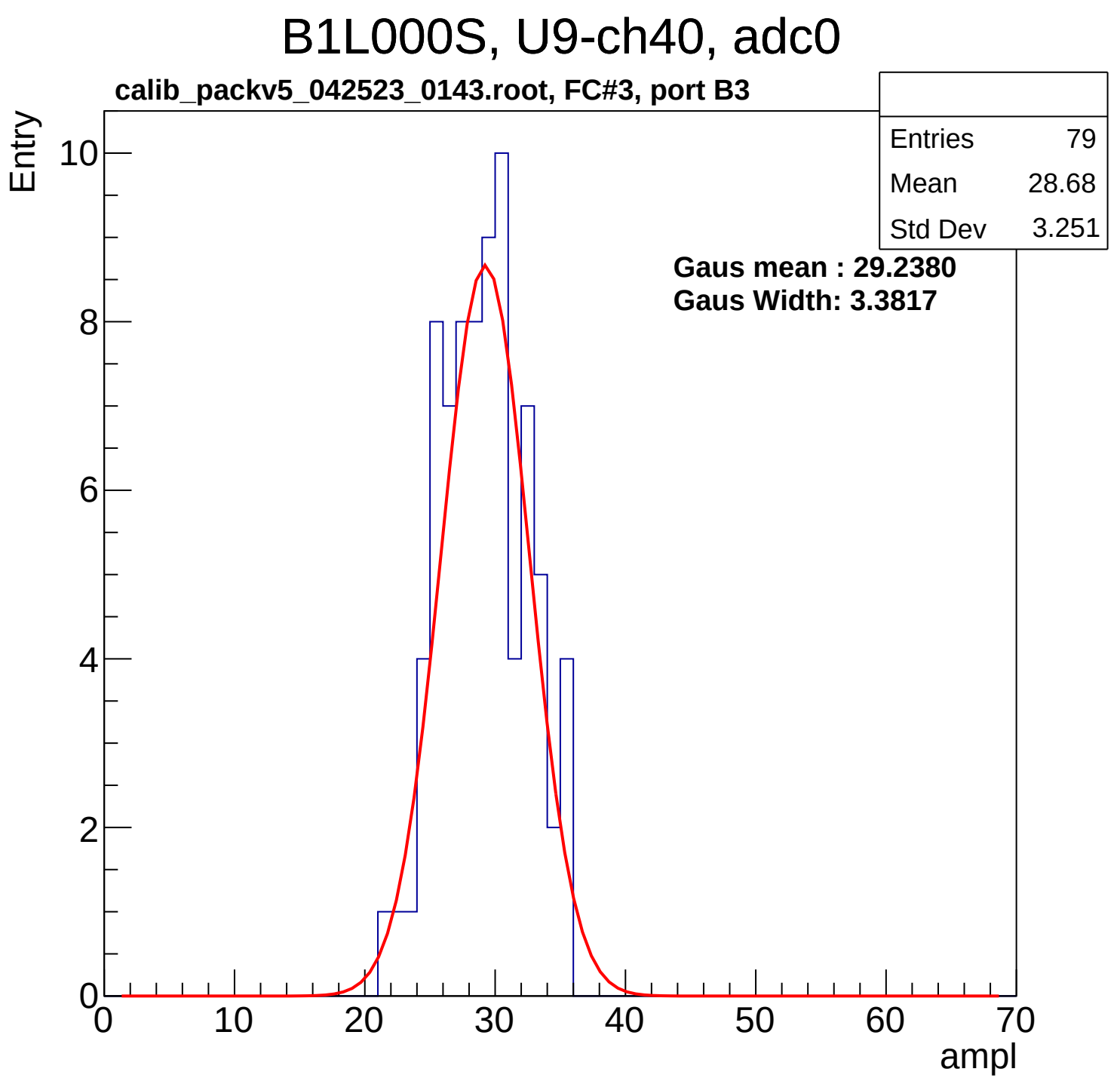
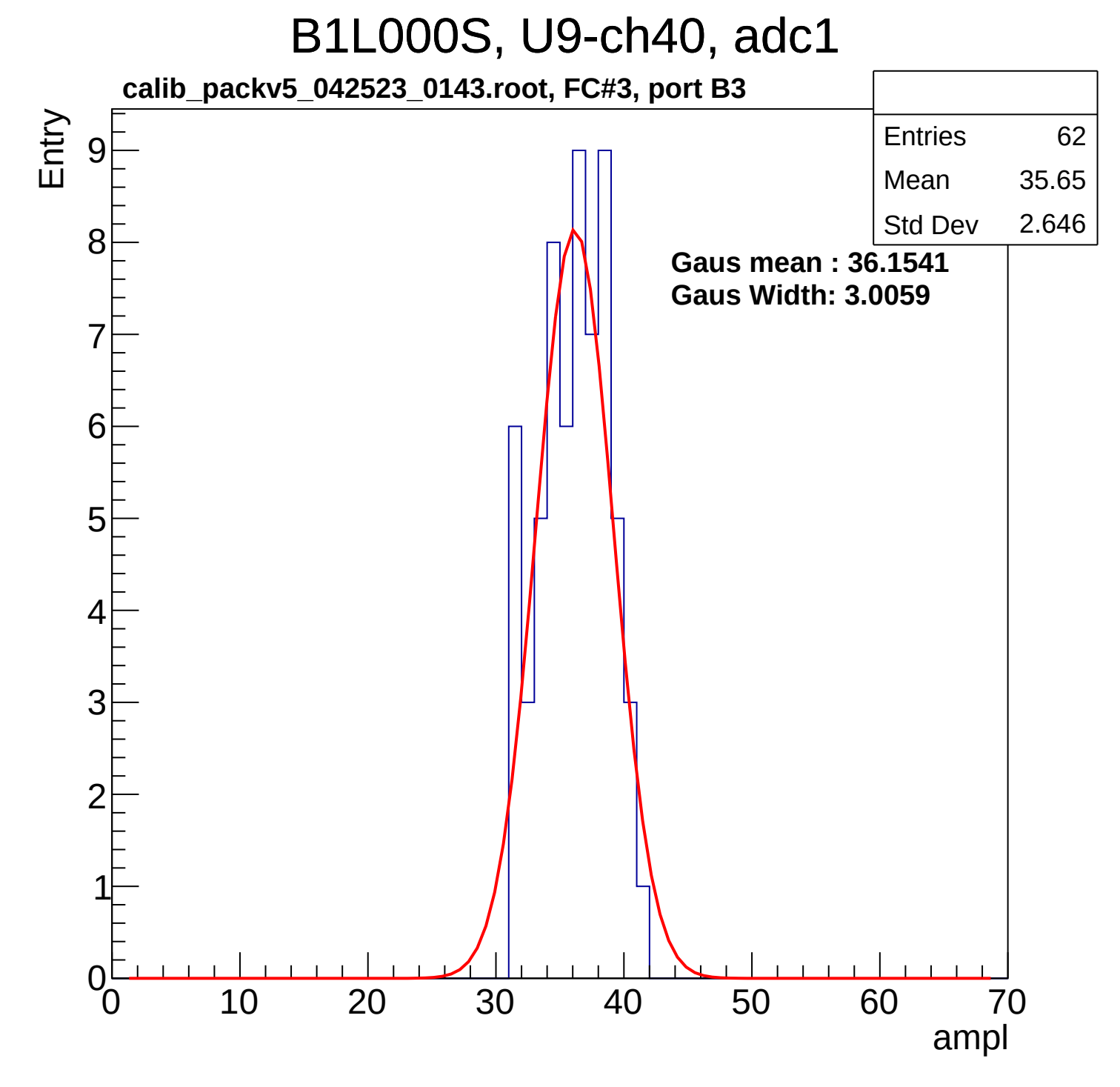

B1L000S, U9-ch39, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.36
Std Dev 3.252
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch39, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.8
Std Dev 2.715
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch39, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 57.78
Std Dev 14.11
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch39, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch40, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 28.68
Std Dev 3.251
Gaus mean : 29.2380
Gaus Width: 3.3817
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch40, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.65
Std Dev 2.646
Gaus mean : 36.1541
Gaus Width: 3.0059
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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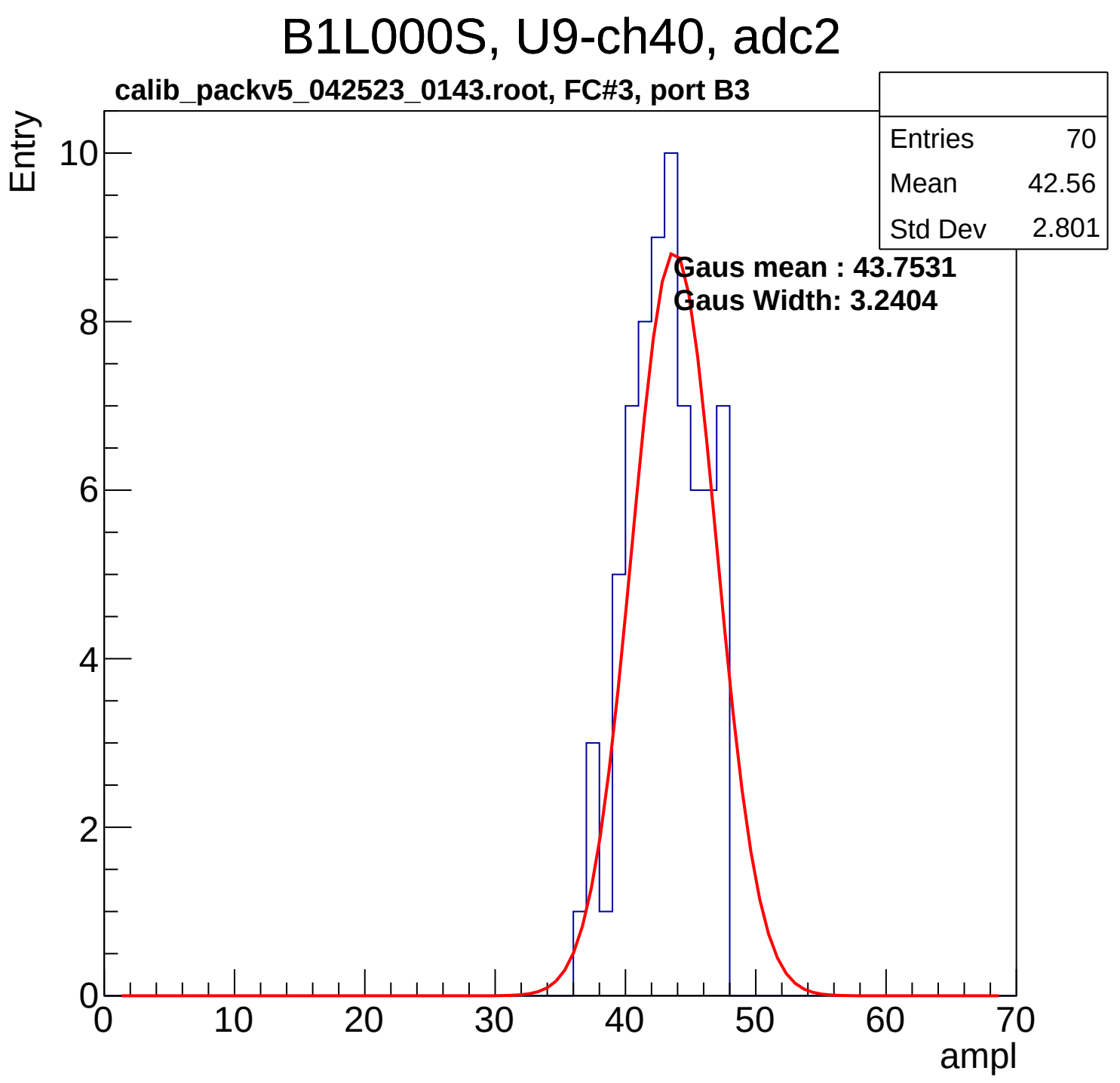
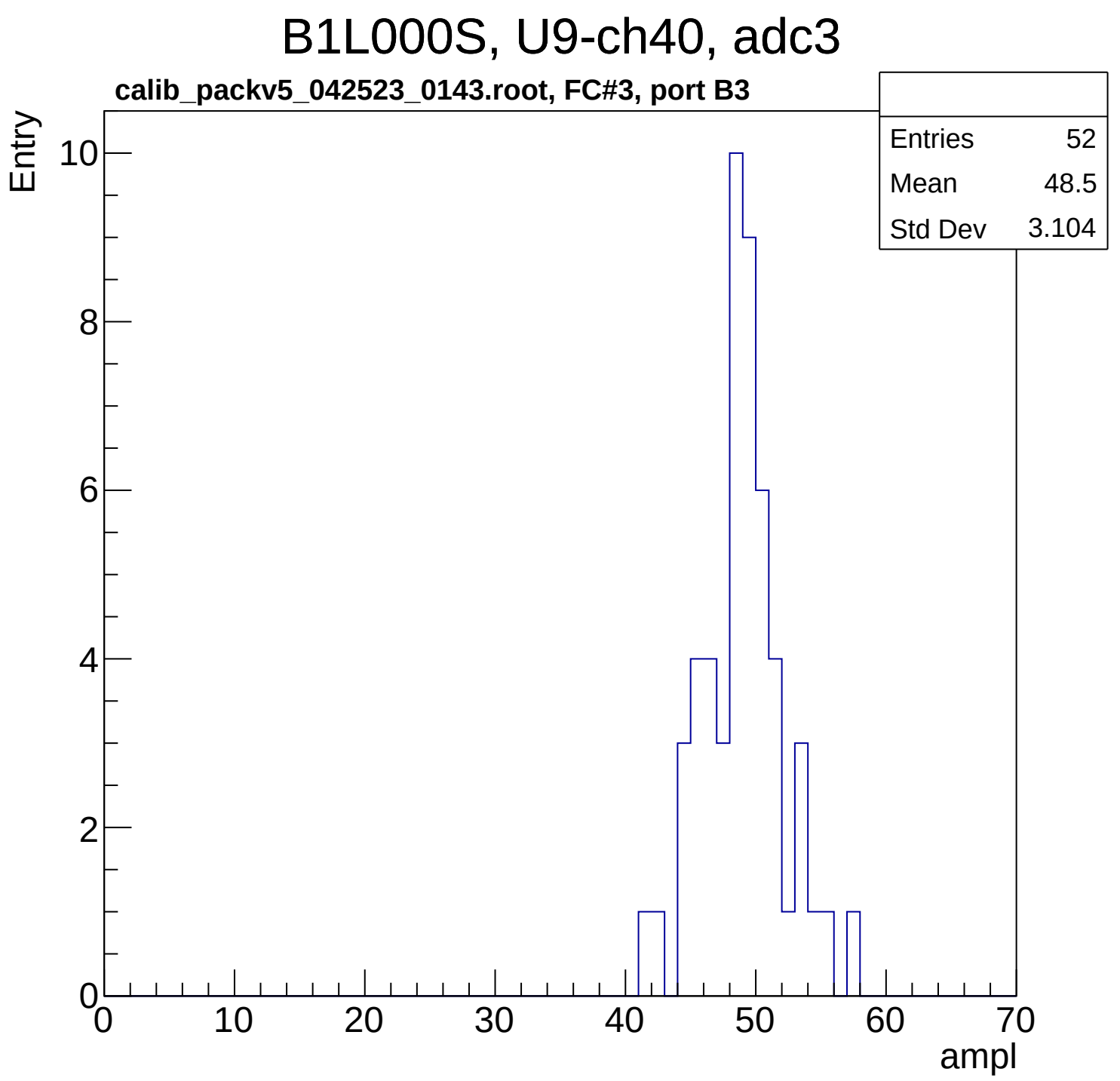
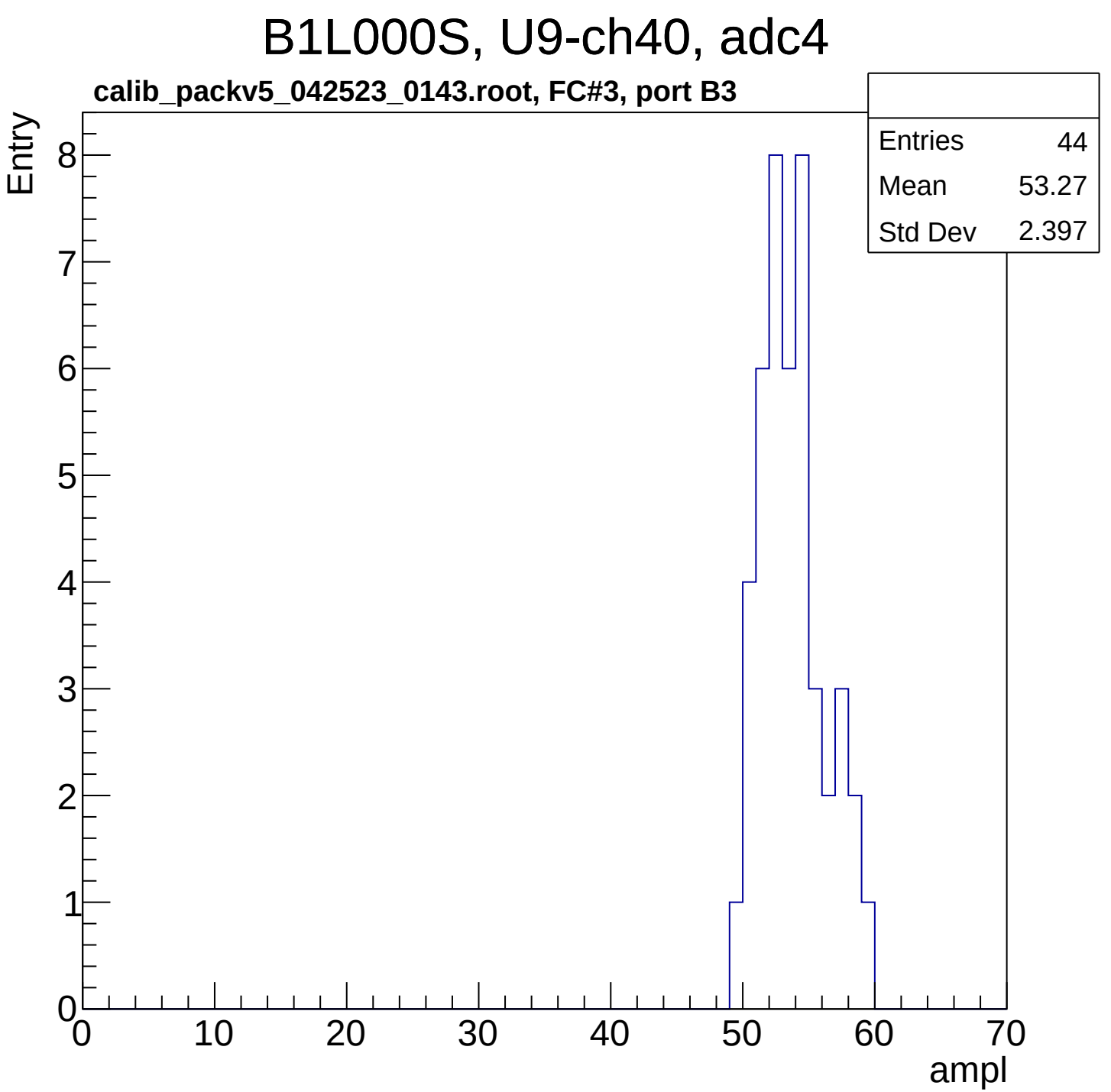
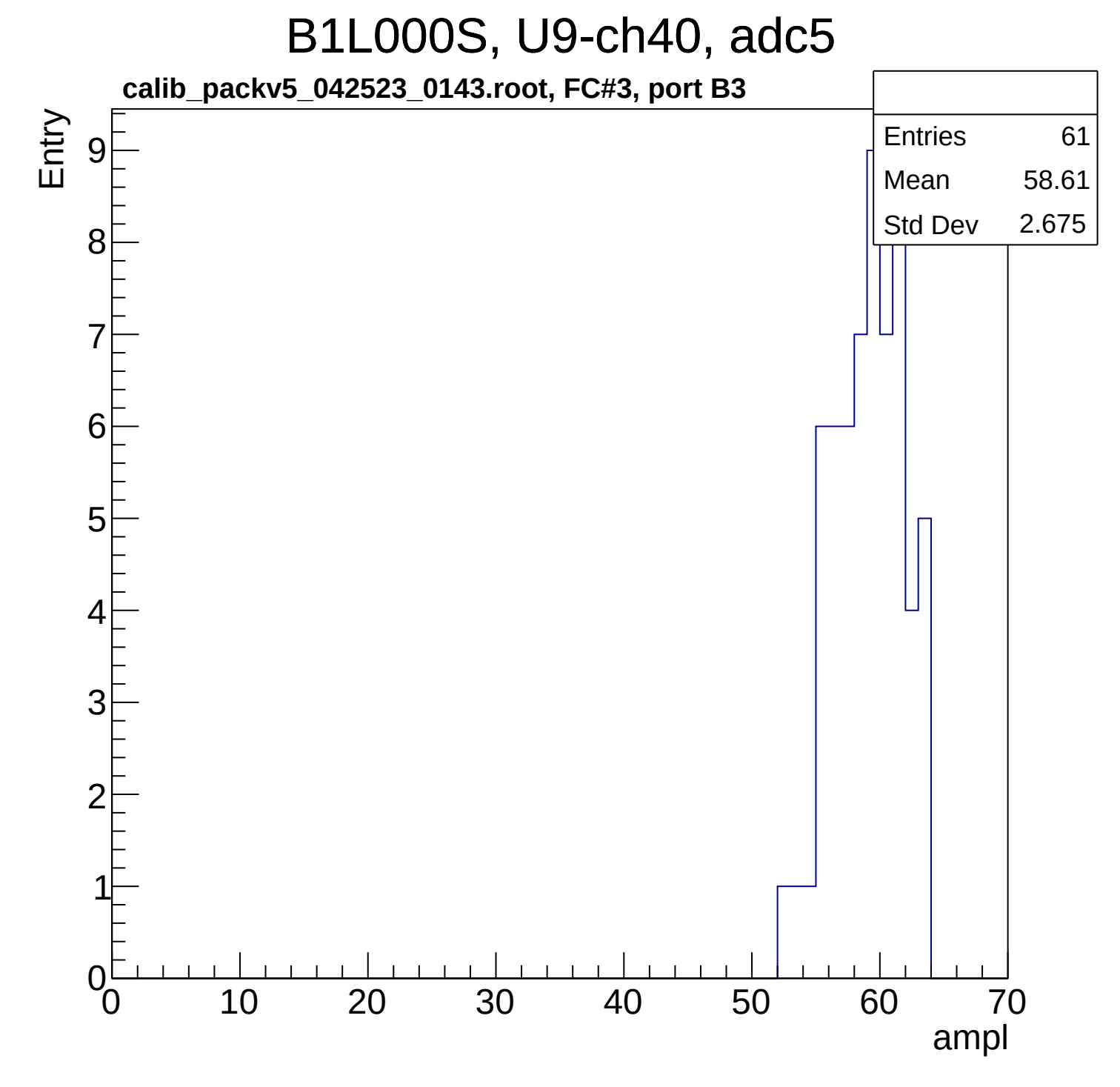
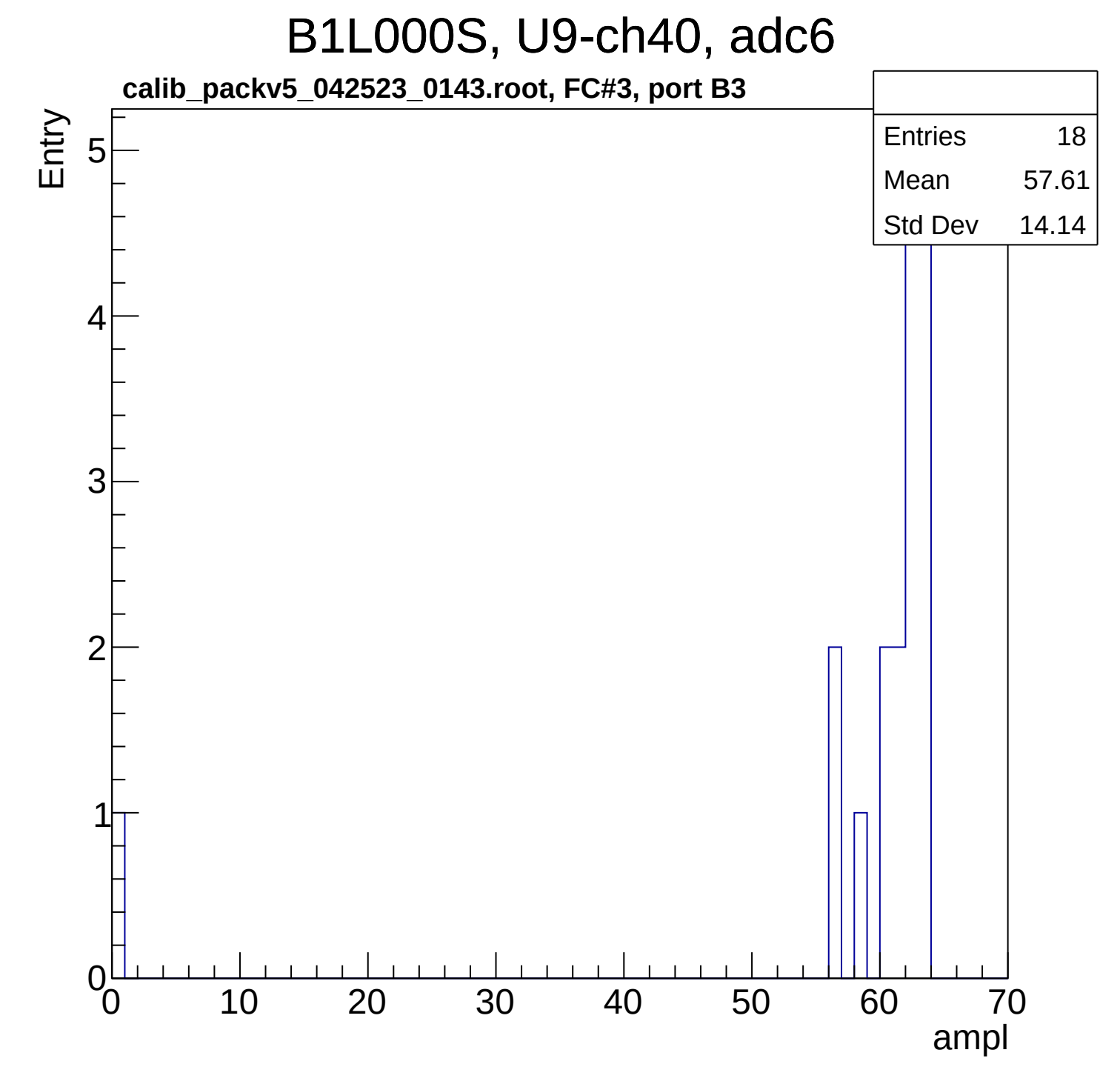
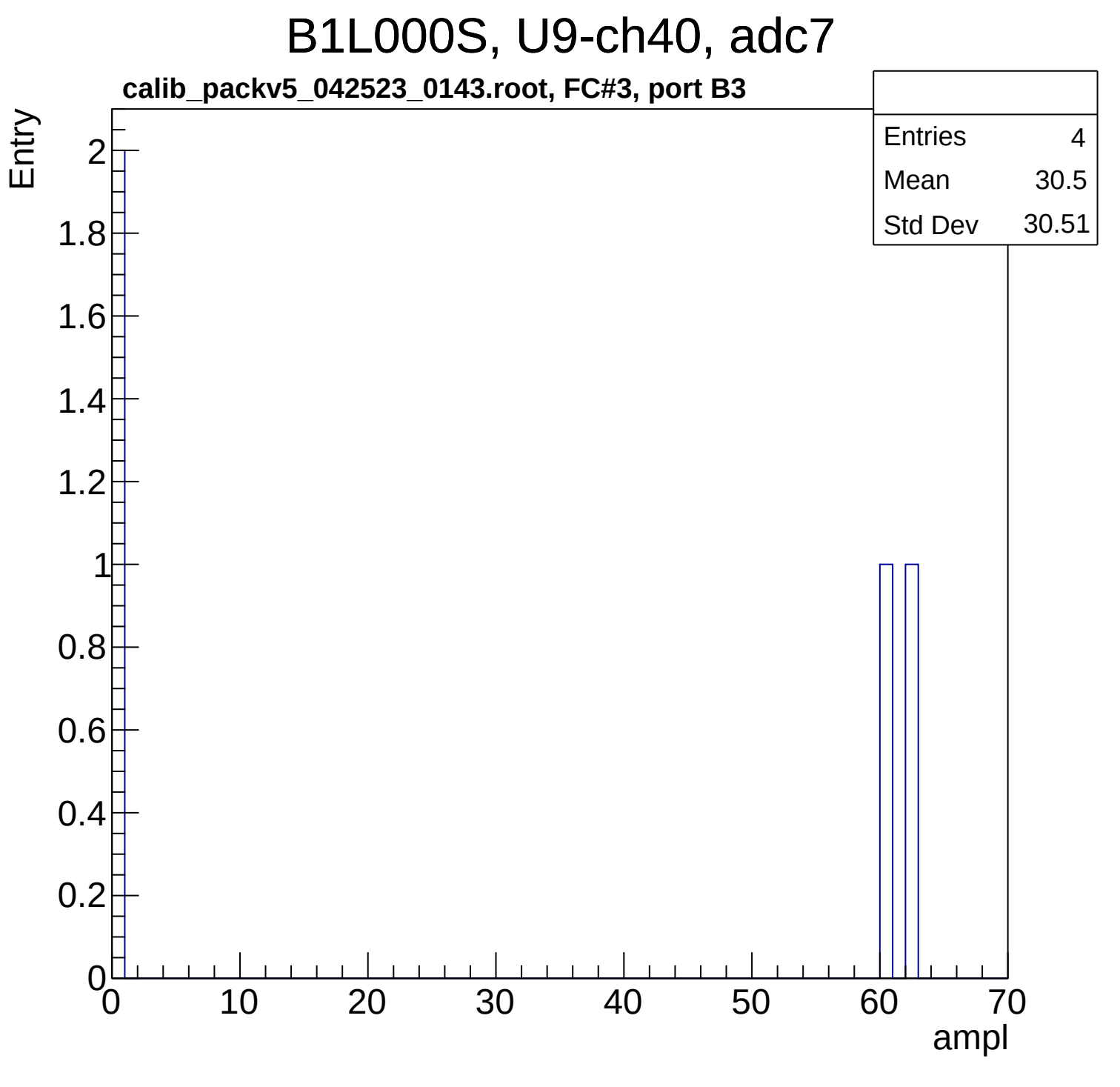

B1L000S, U9-ch40, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 42.56
Std Dev 2.801
Gaus mean : 43.7531
Gaus Width: 3.2404
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

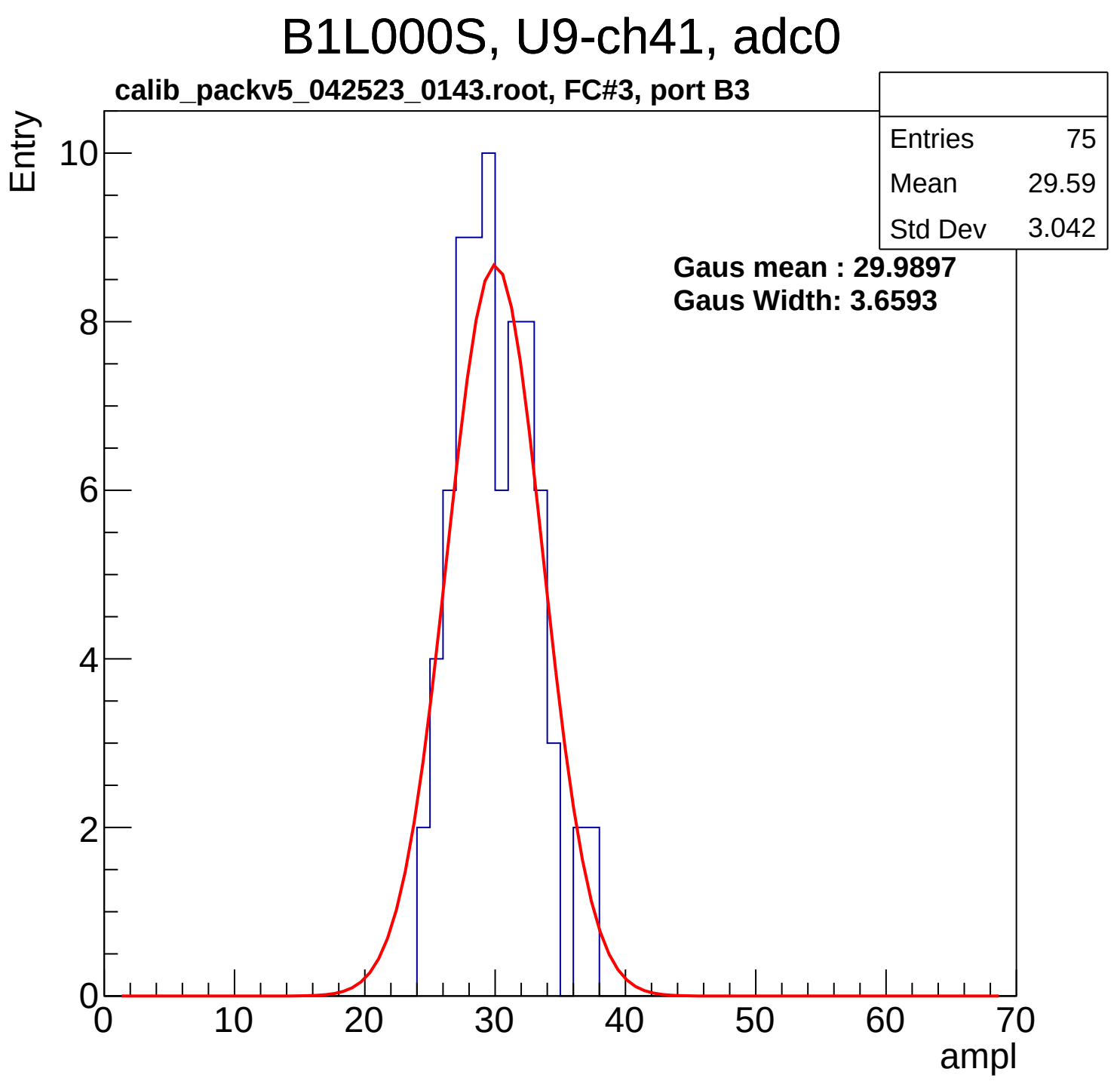

B1L000S, U9-ch40, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 48.5
Std Dev 3.104
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

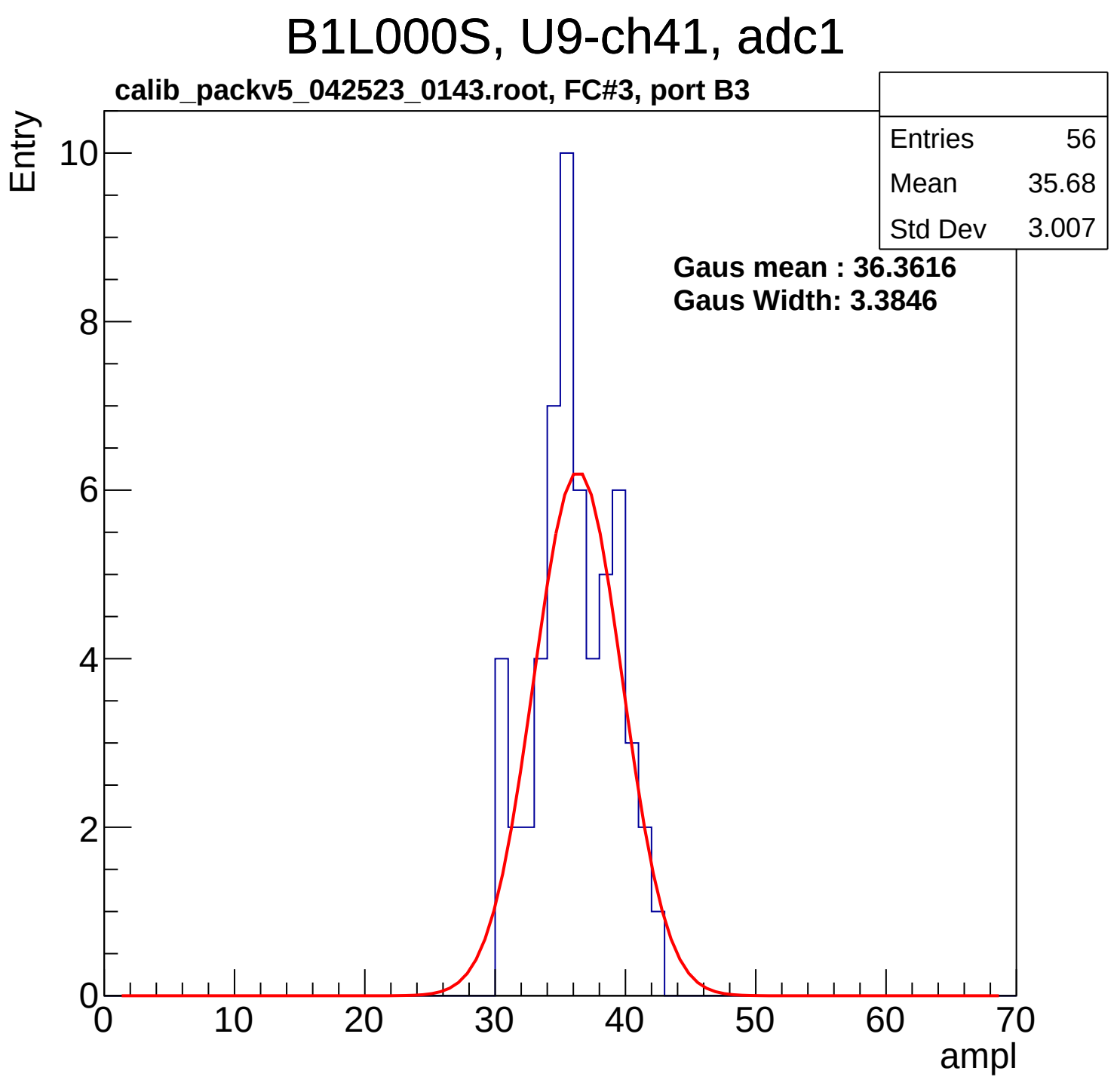

B1L000S, U9-ch40, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 53.27
Std Dev 2.397
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

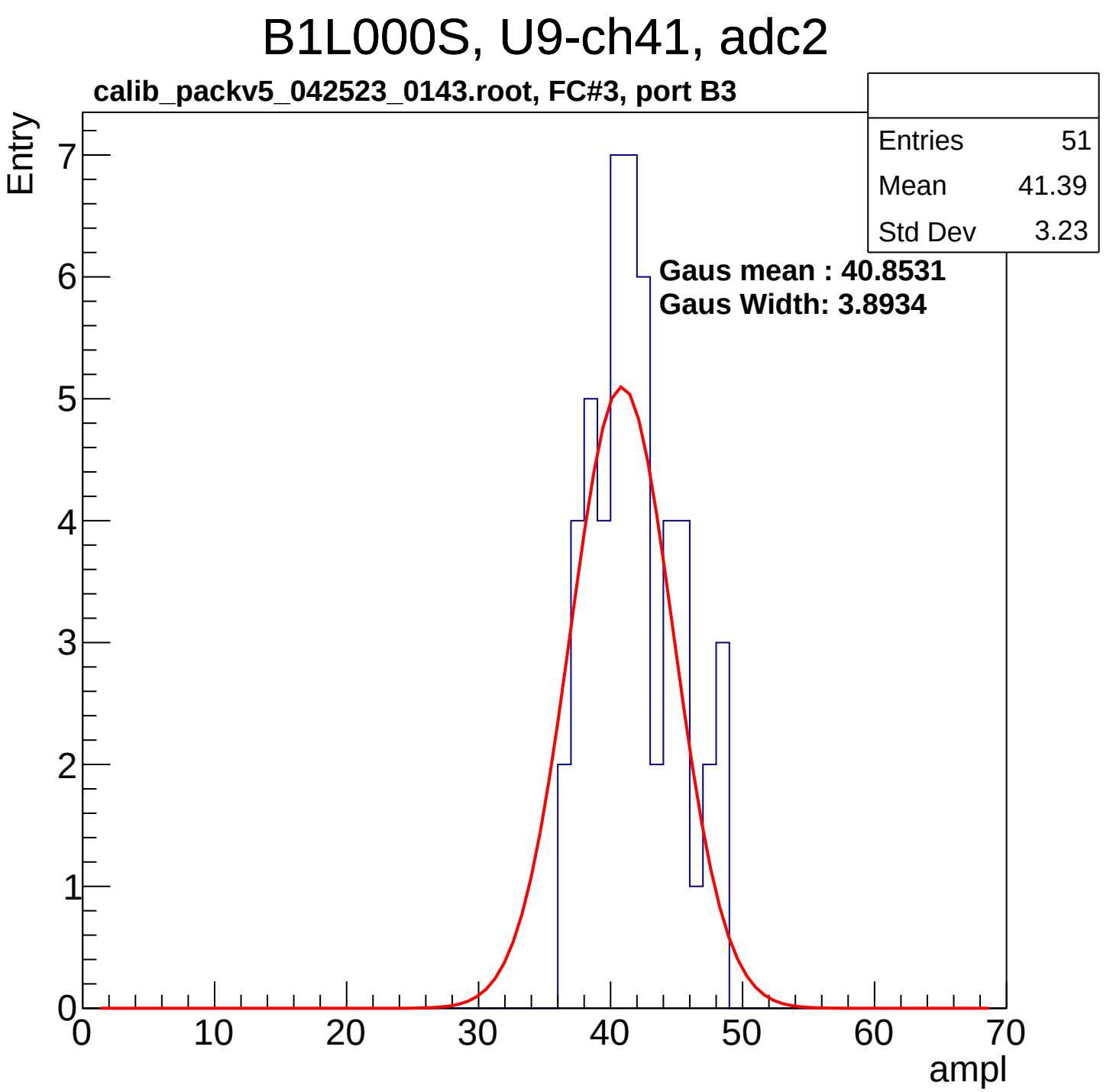

B1L000S, U9-ch40, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.61
Std Dev 2.675
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

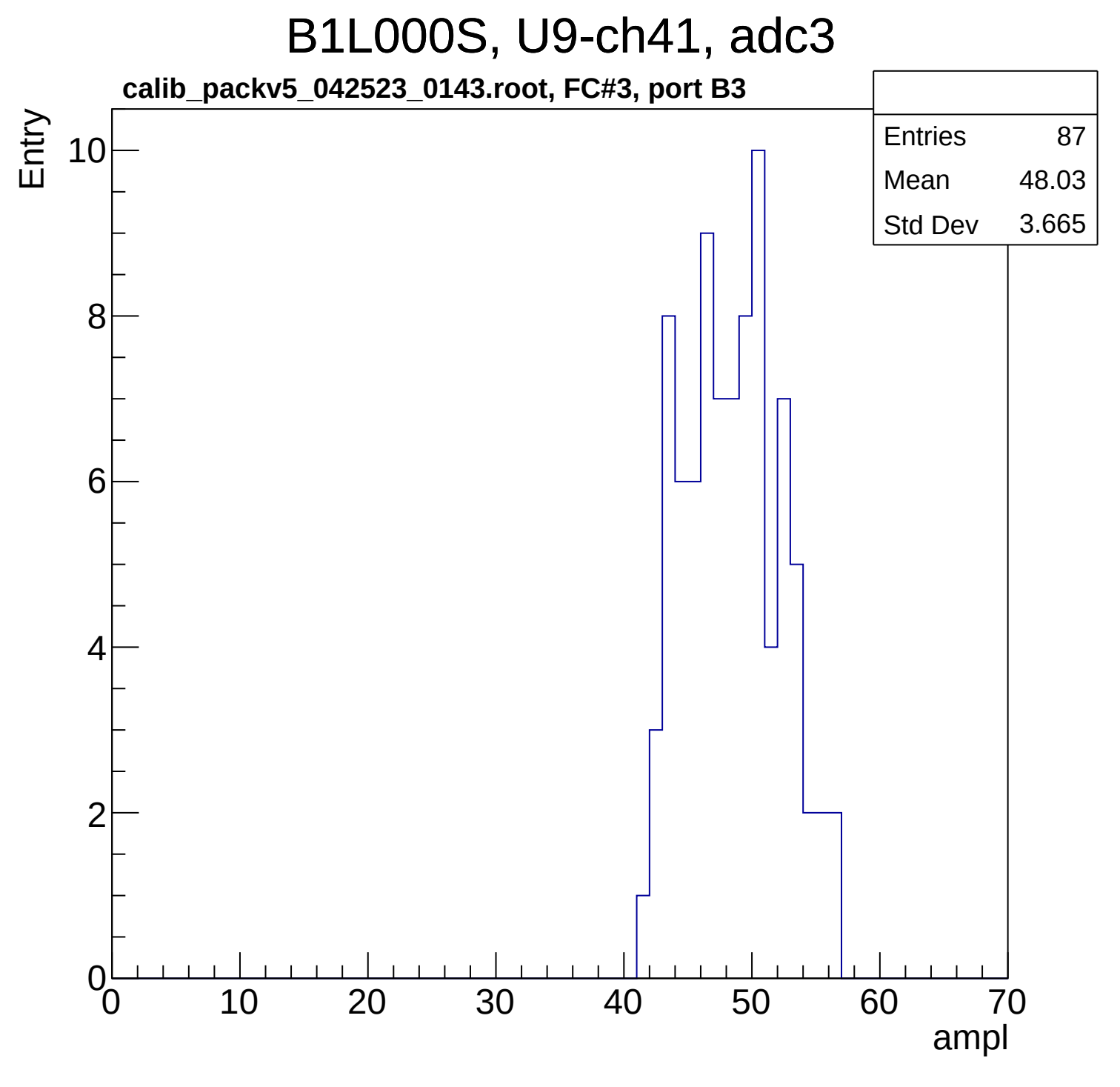

B1L000S, U9-ch40, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 57.61
Std Dev 14.14
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

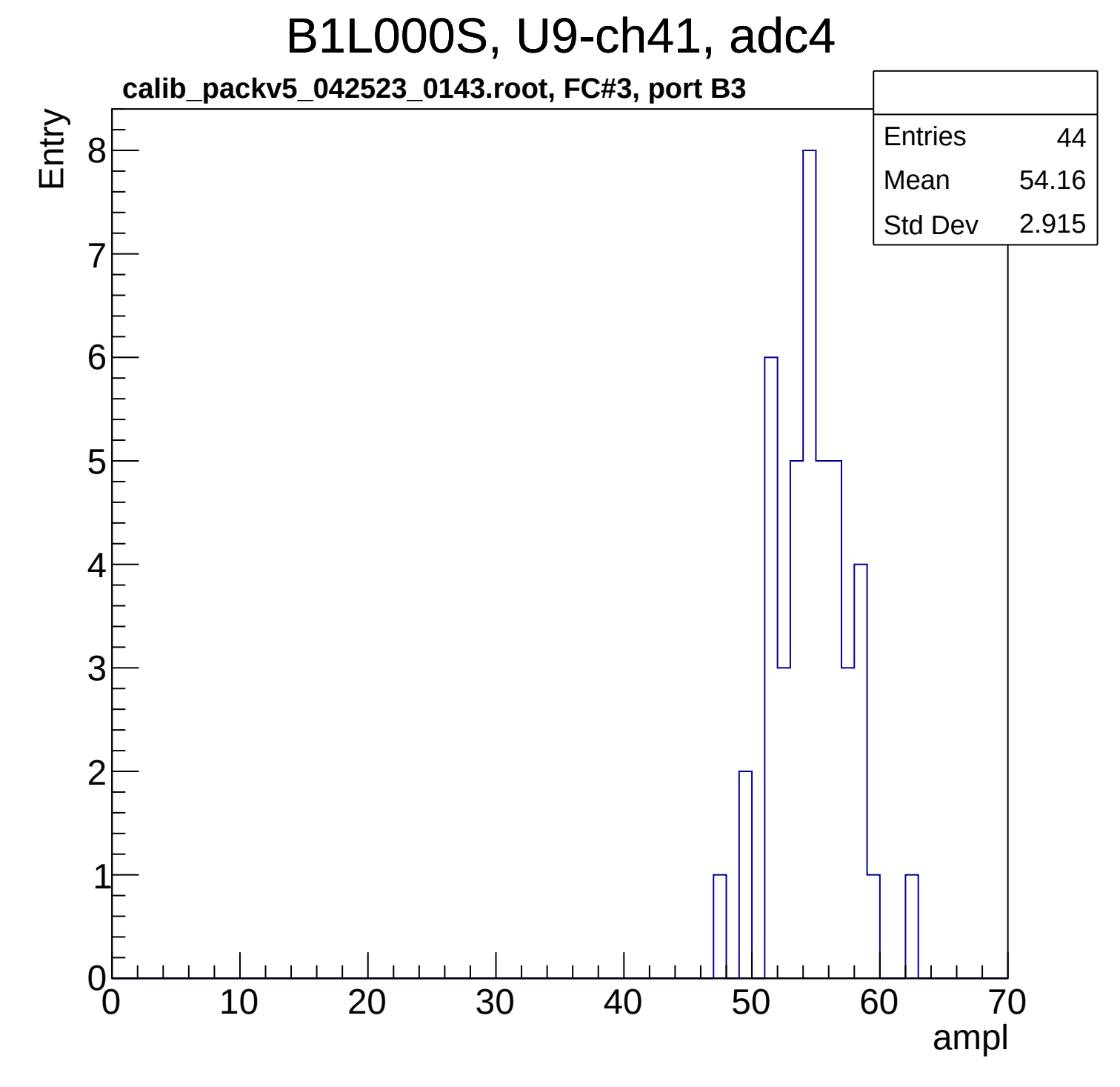

B1L000S, U9-ch40, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 30.5
Std Dev 30.51
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

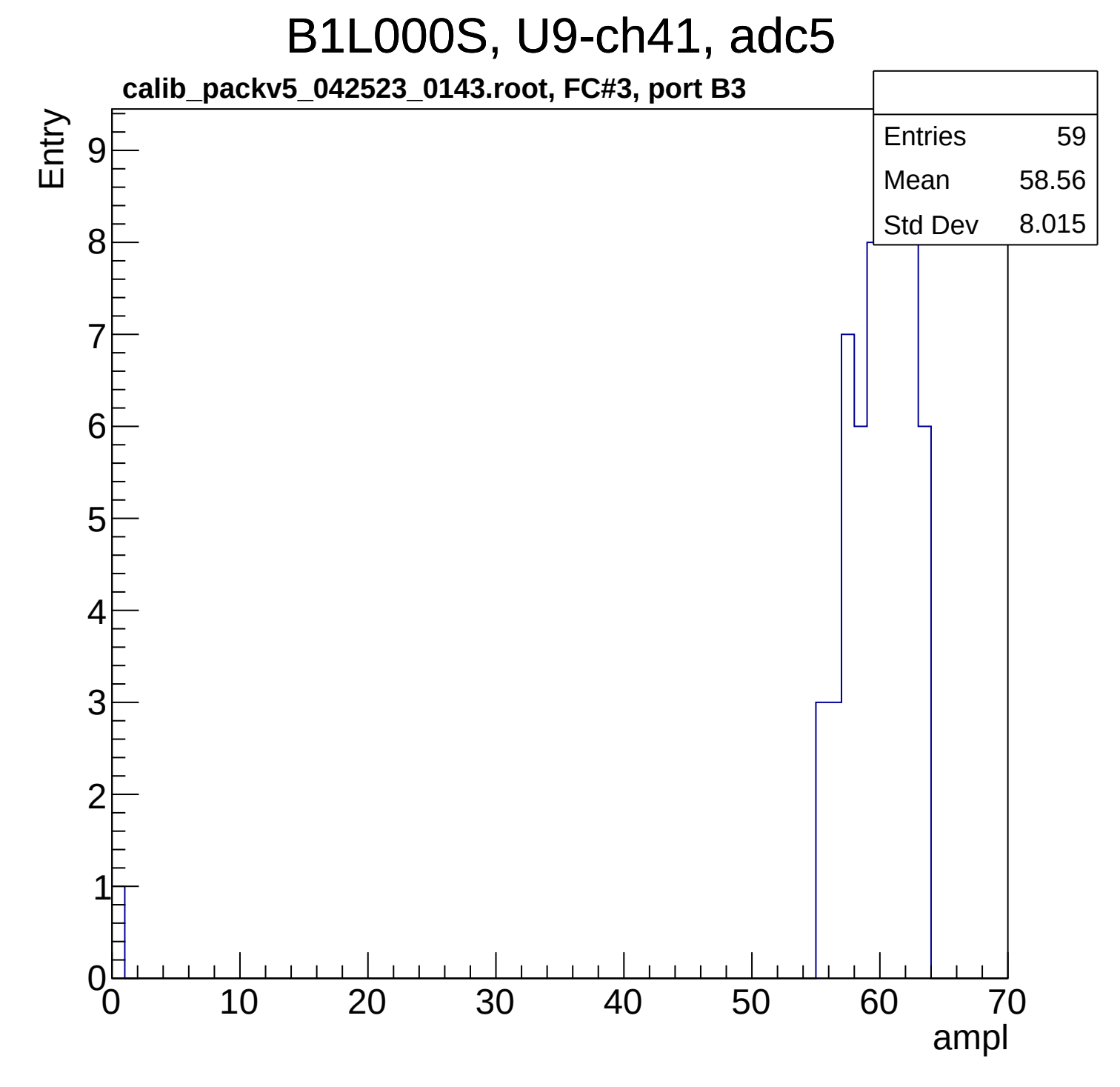

B1L000S, U9-ch41, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 29.59
Std Dev 3.042
Gaus mean : 29.9897
Gaus Width: 3.6593
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch41, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.68
Std Dev 3.007
Gaus mean : 36.3616
Gaus Width: 3.3846
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch41, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 41.39
Std Dev 3.23
Gaus mean : 40.8531
Gaus Width: 3.8934
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch41, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 87
Mean 48.03
Std Dev 3.665
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch41, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 54.16
Std Dev 2.915
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch41, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.56
Std Dev 8.015
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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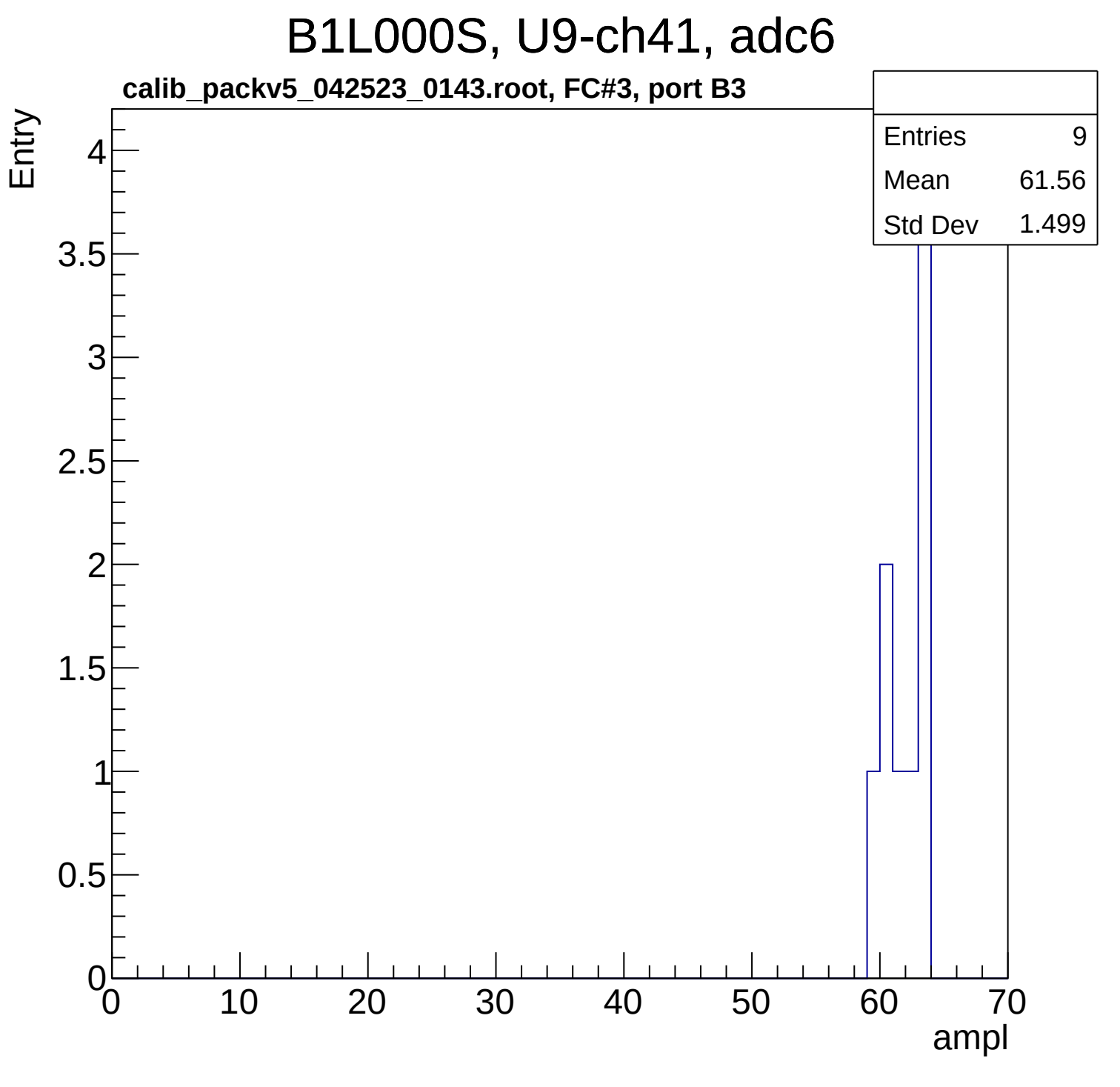
40
50
60
70


B1L000S, U9-ch41, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 61.56
Std Dev 1.499
Entry
ampl
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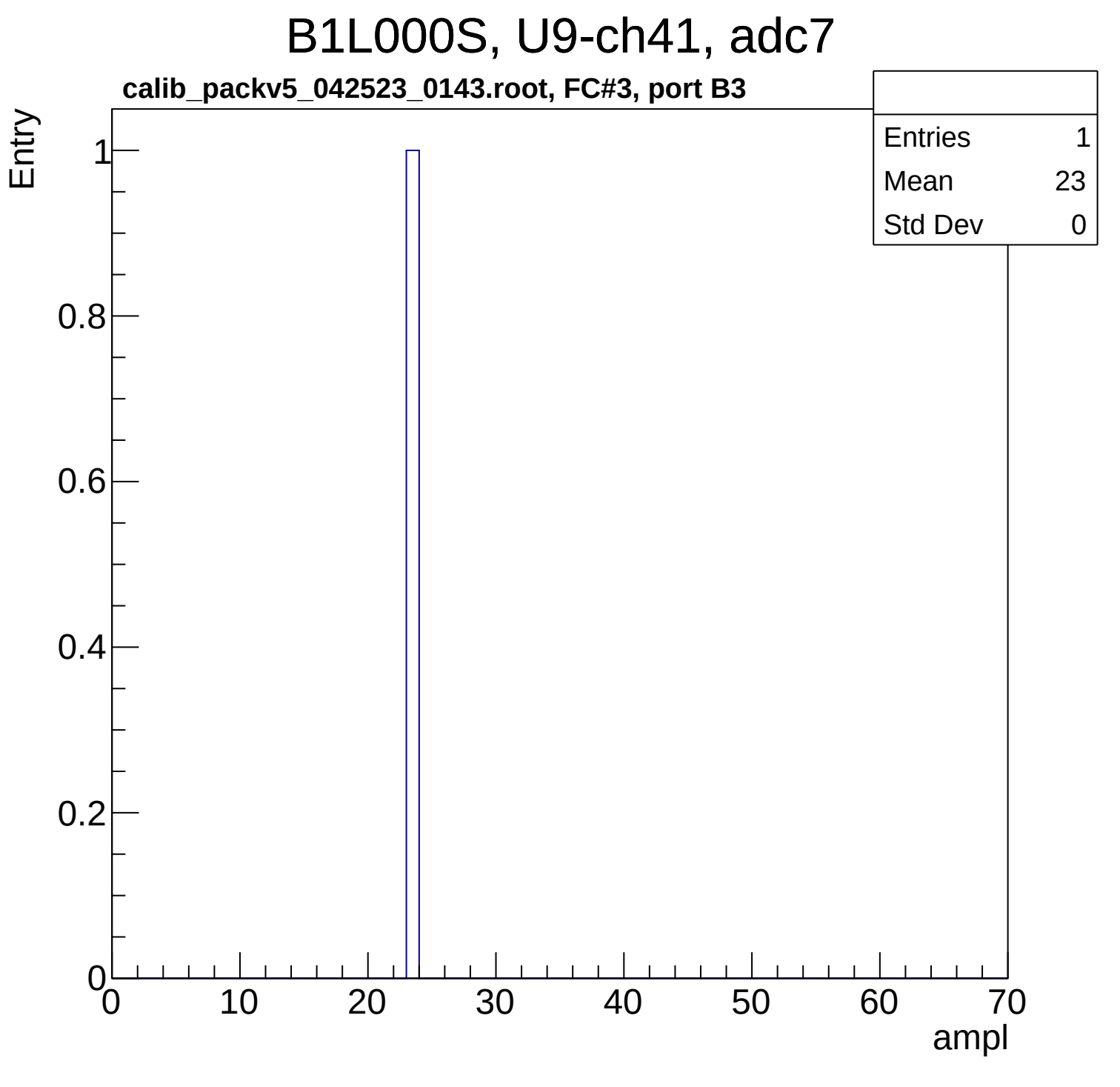
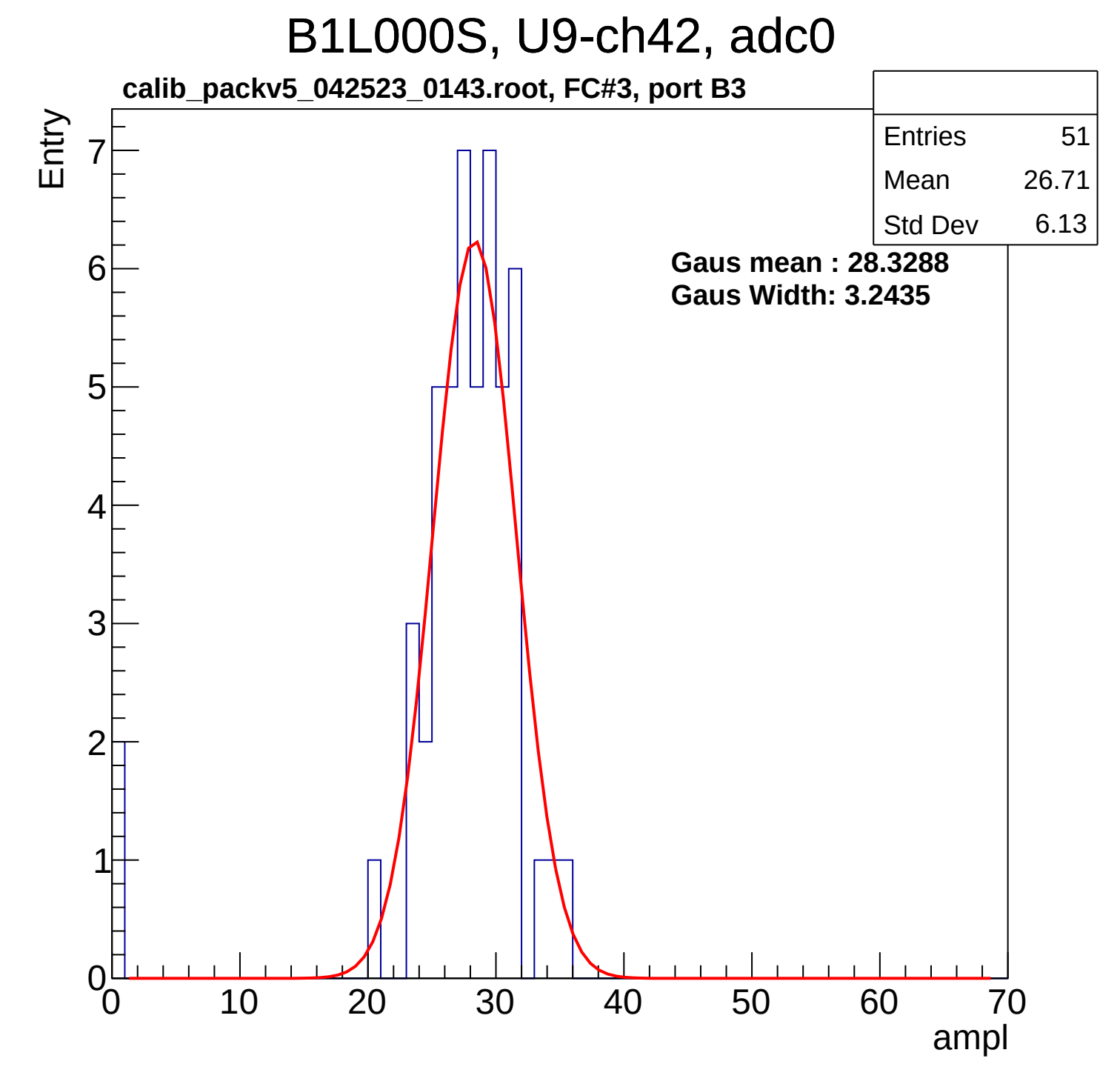
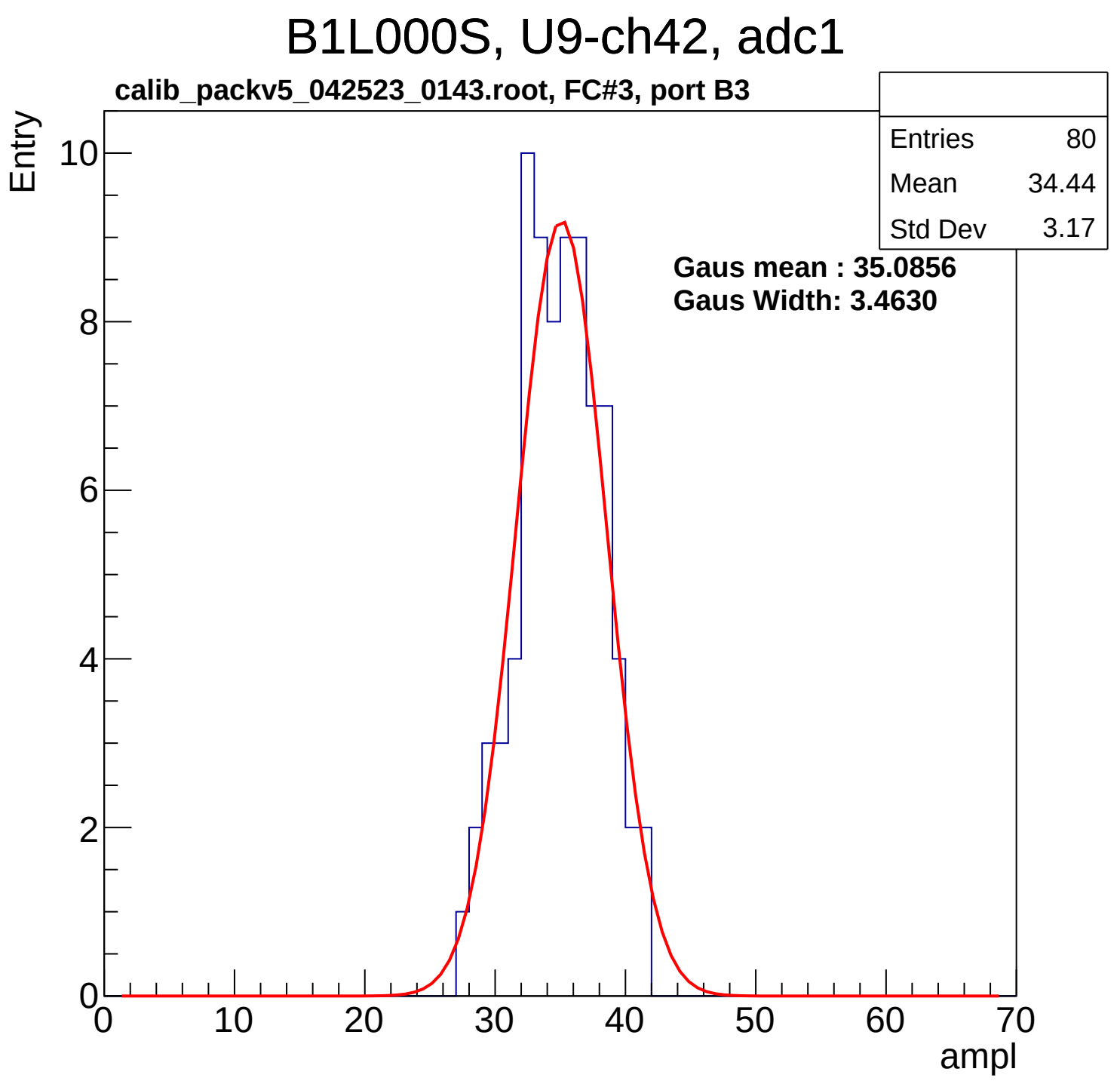
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U9-ch41, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch42, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 26.71
Std Dev 6.13
Gaus mean : 28.3288
Gaus Width: 3.2435
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch42, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 34.44
Std Dev 3.17
Gaus mean : 35.0856
Gaus Width: 3.4630
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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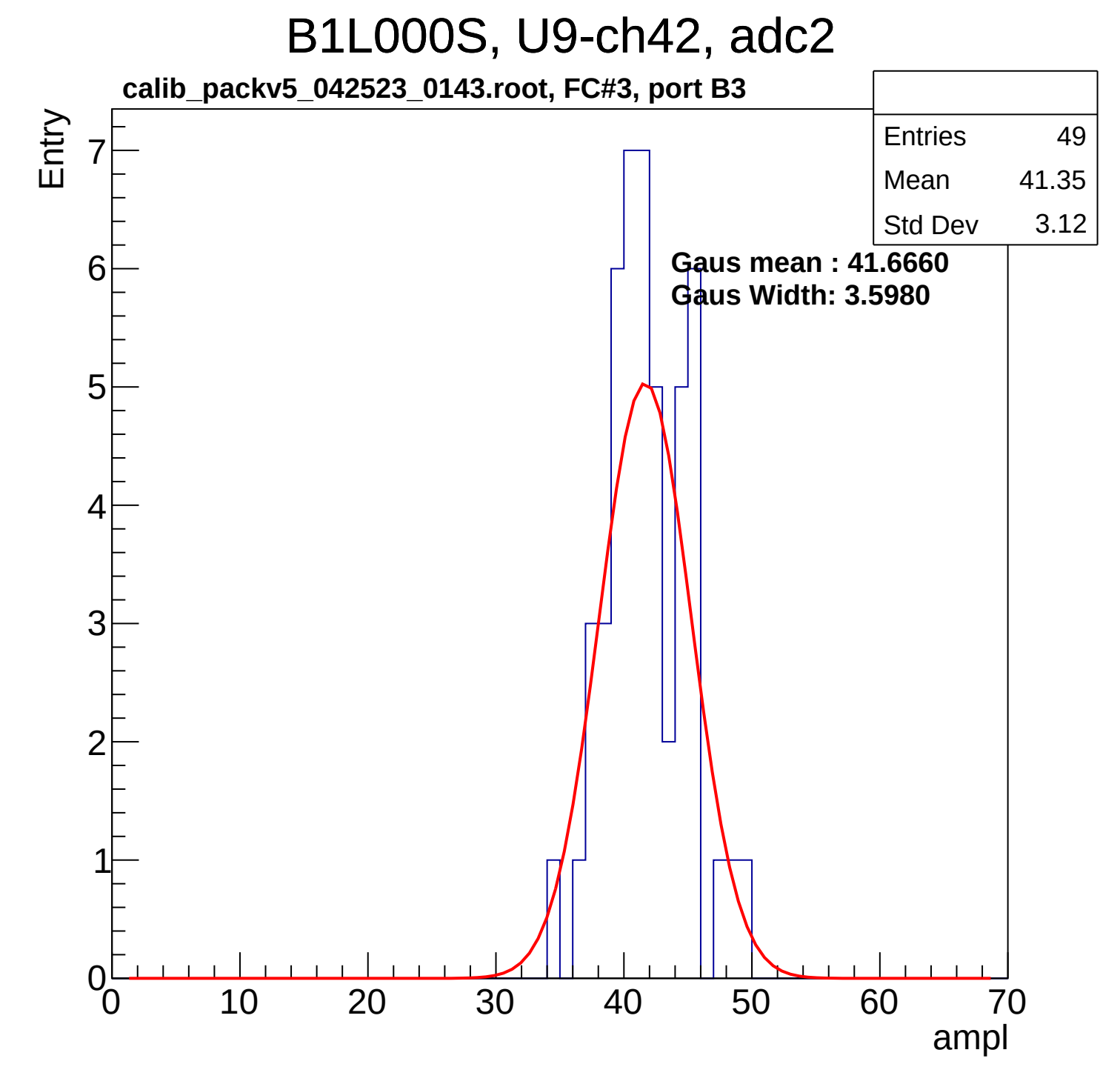
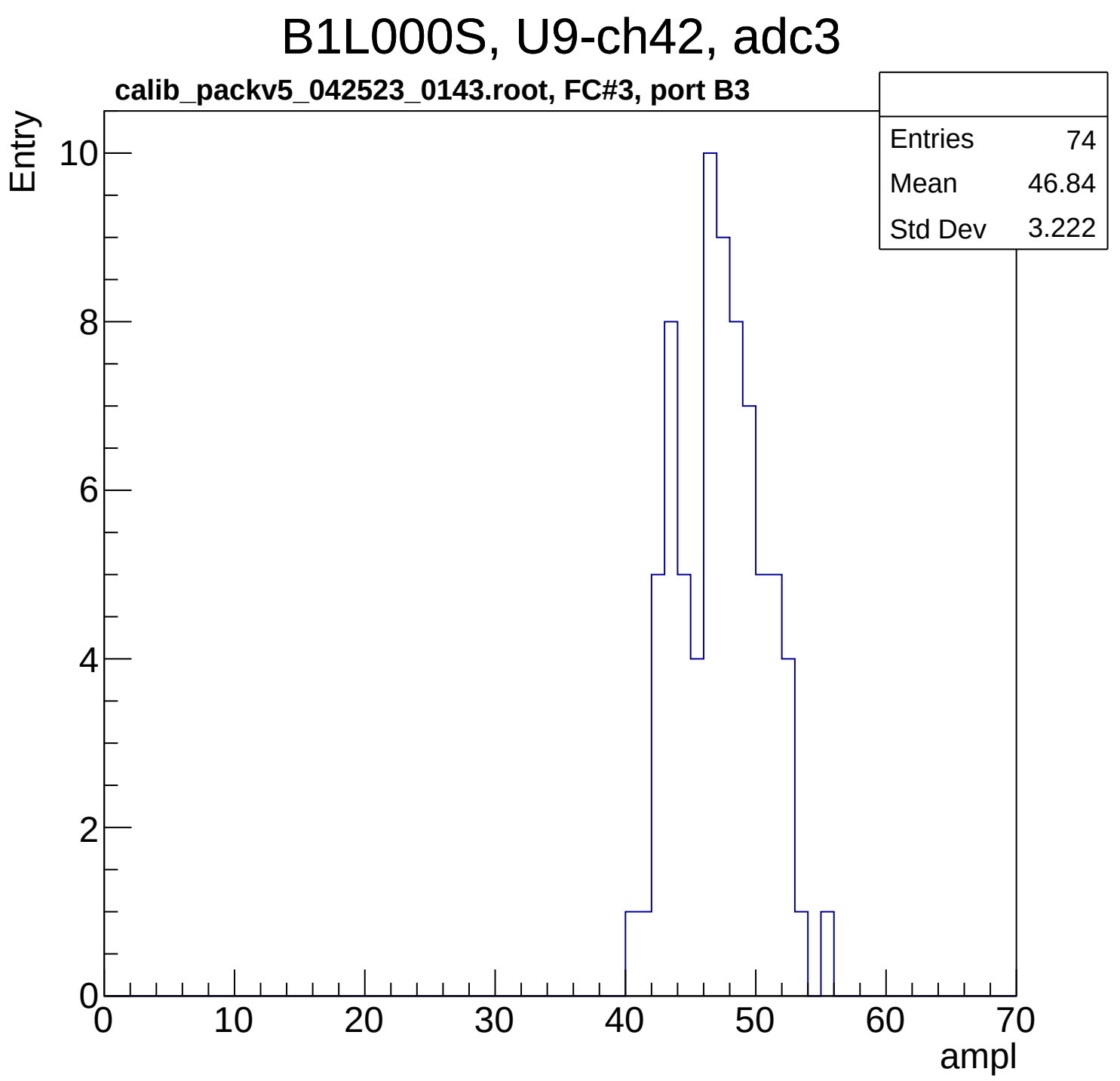

B1L000S, U9-ch42, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 41.35
Std Dev 3.12
Gaus mean : 41.6660
Gaus Width: 3.5980
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch42, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 46.84
Std Dev 3.222
Entry
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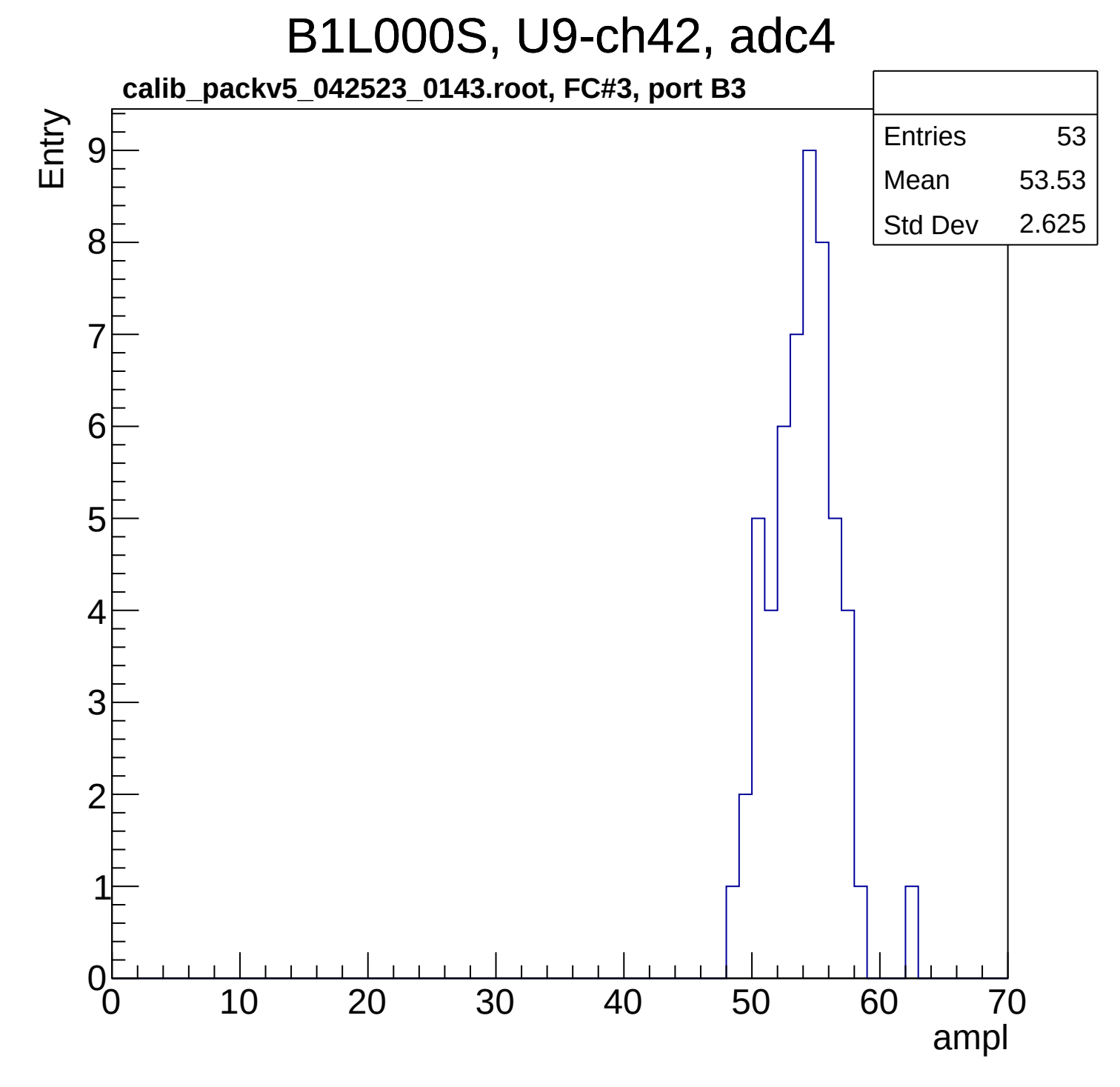
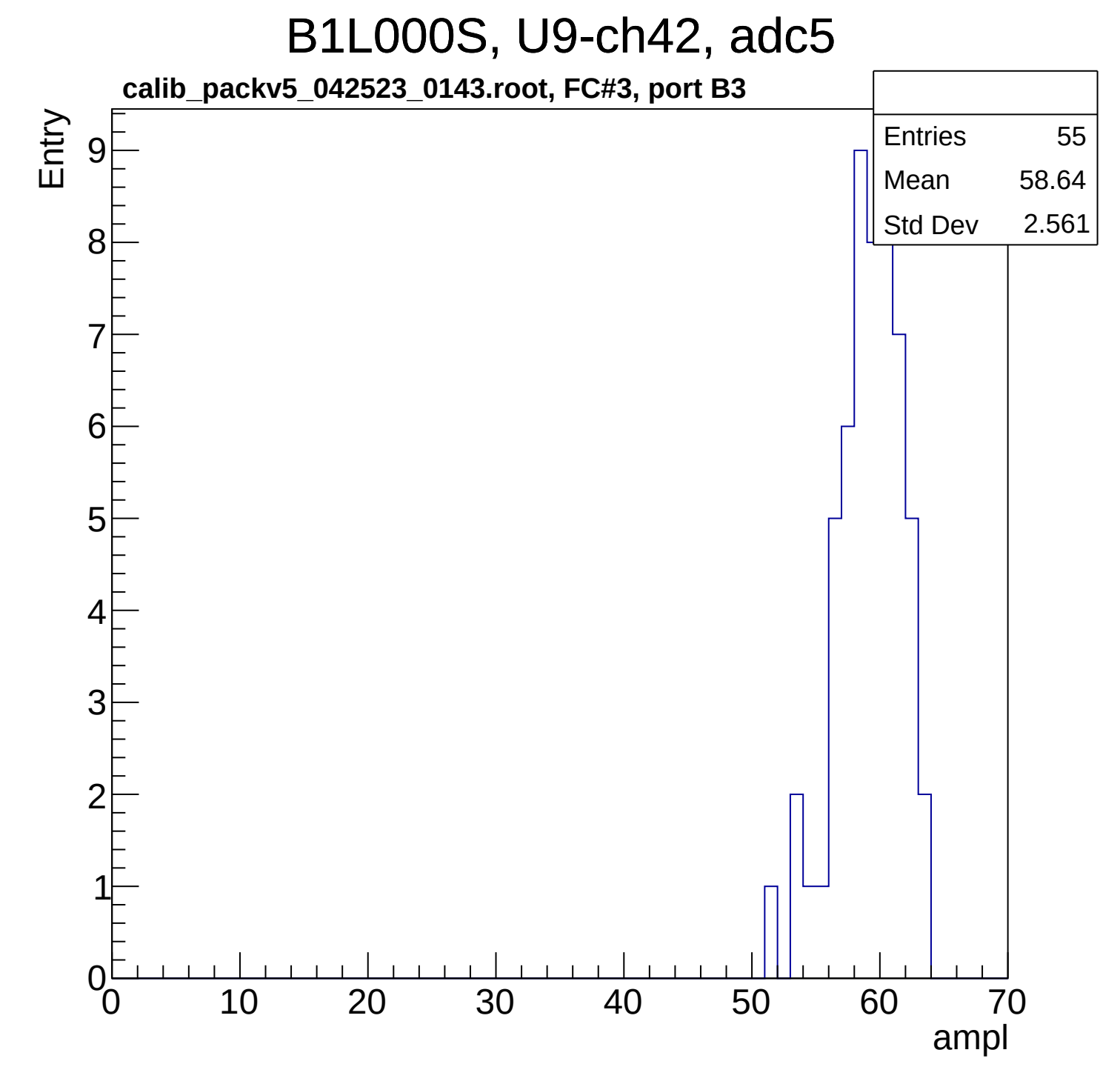
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch42, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.53
Std Dev 2.625
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch42, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.64
Std Dev 2.561
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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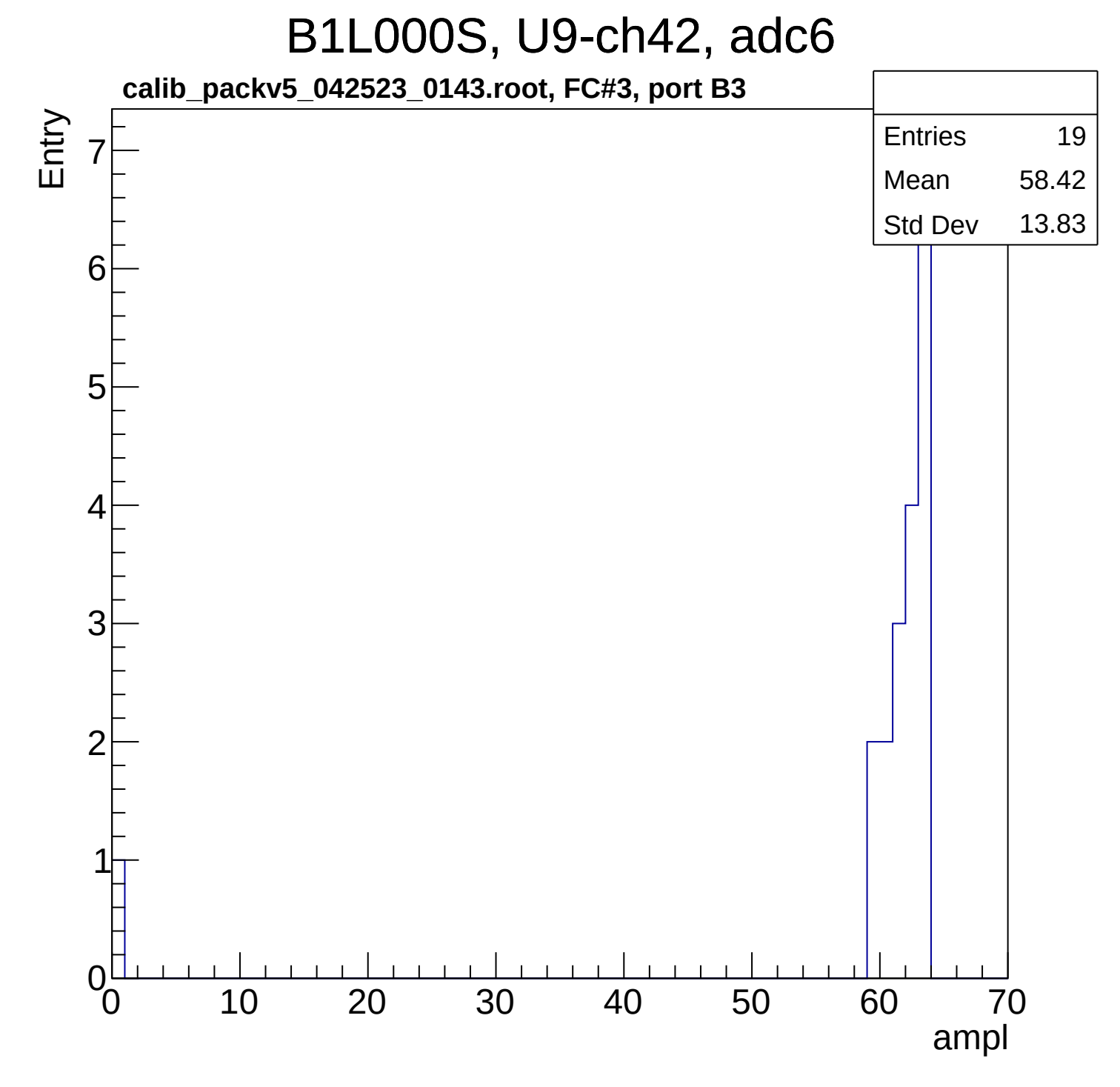
B1L000S, U9-ch42, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.42
Std Dev 13.83
Entry
0
1
2
3
4
5
6
7
0
10
20
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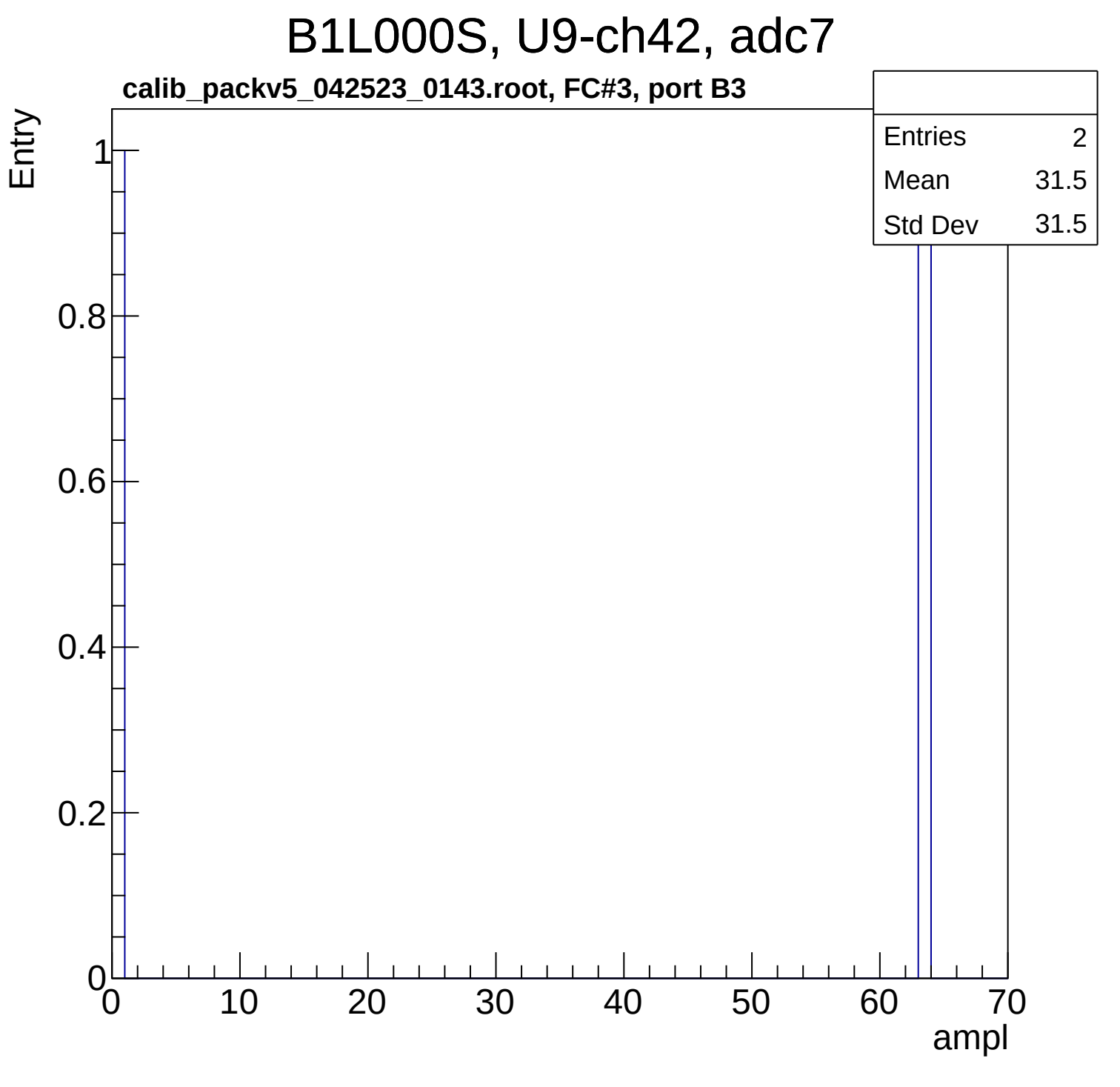
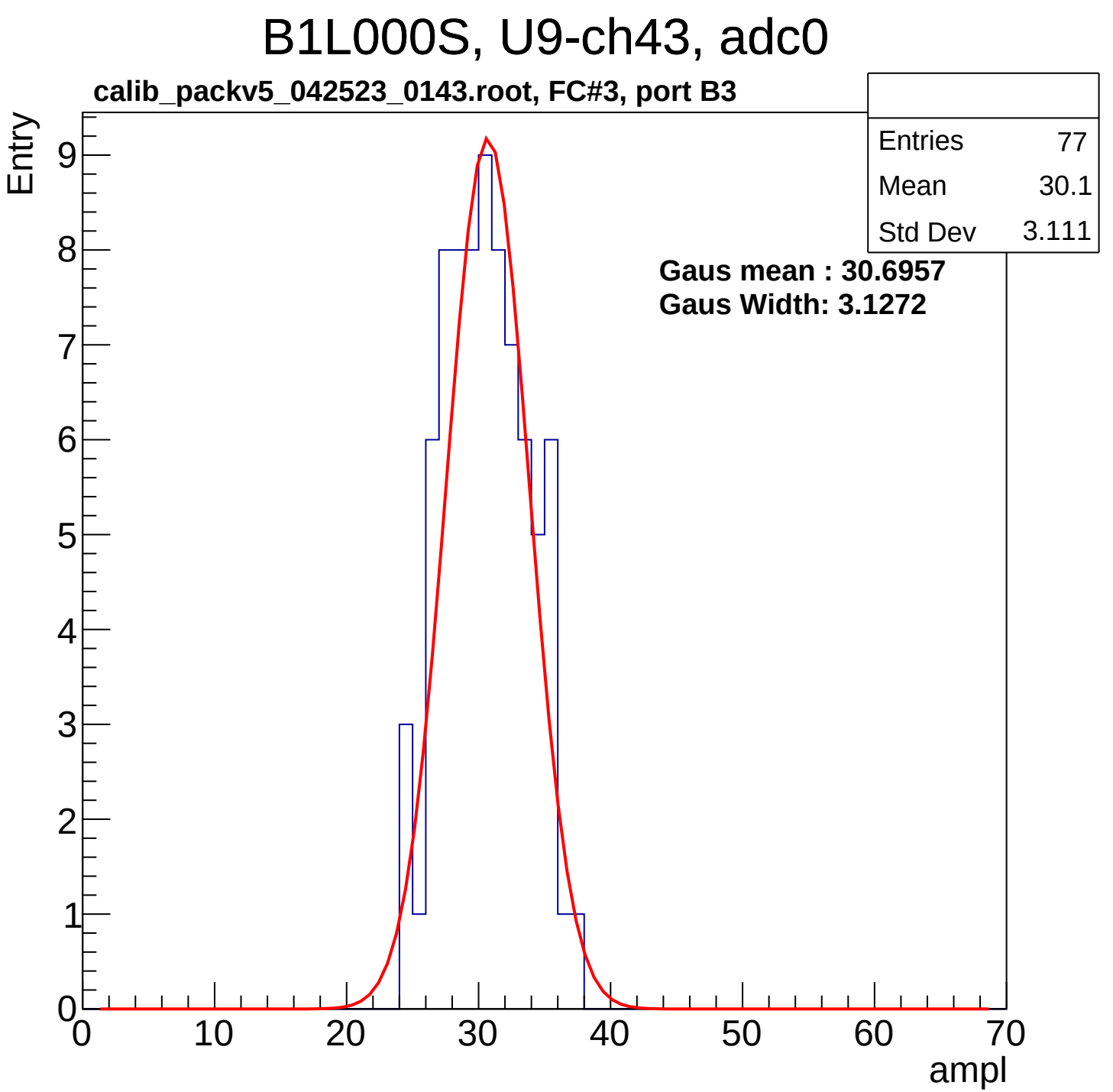
40
50
60
70
ampl


B1L000S, U9-ch42, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch43, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 30.1
Std Dev 3.111
Gaus mean : 30.6957
Gaus Width: 3.1272
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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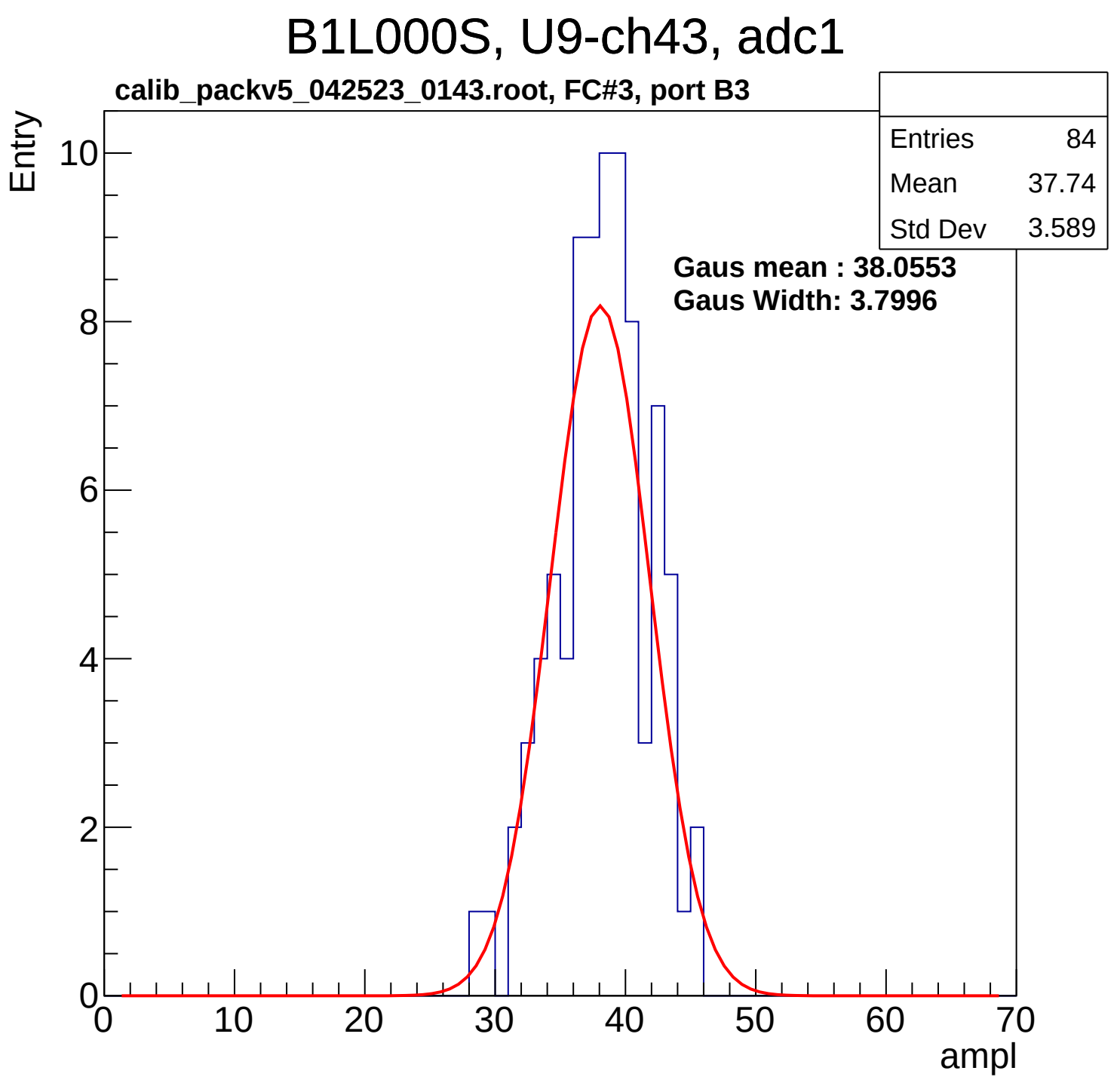
B1L000S, U9-ch43, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 37.74
Std Dev 3.589
Gaus mean : 38.0553
Gaus Width: 3.7996
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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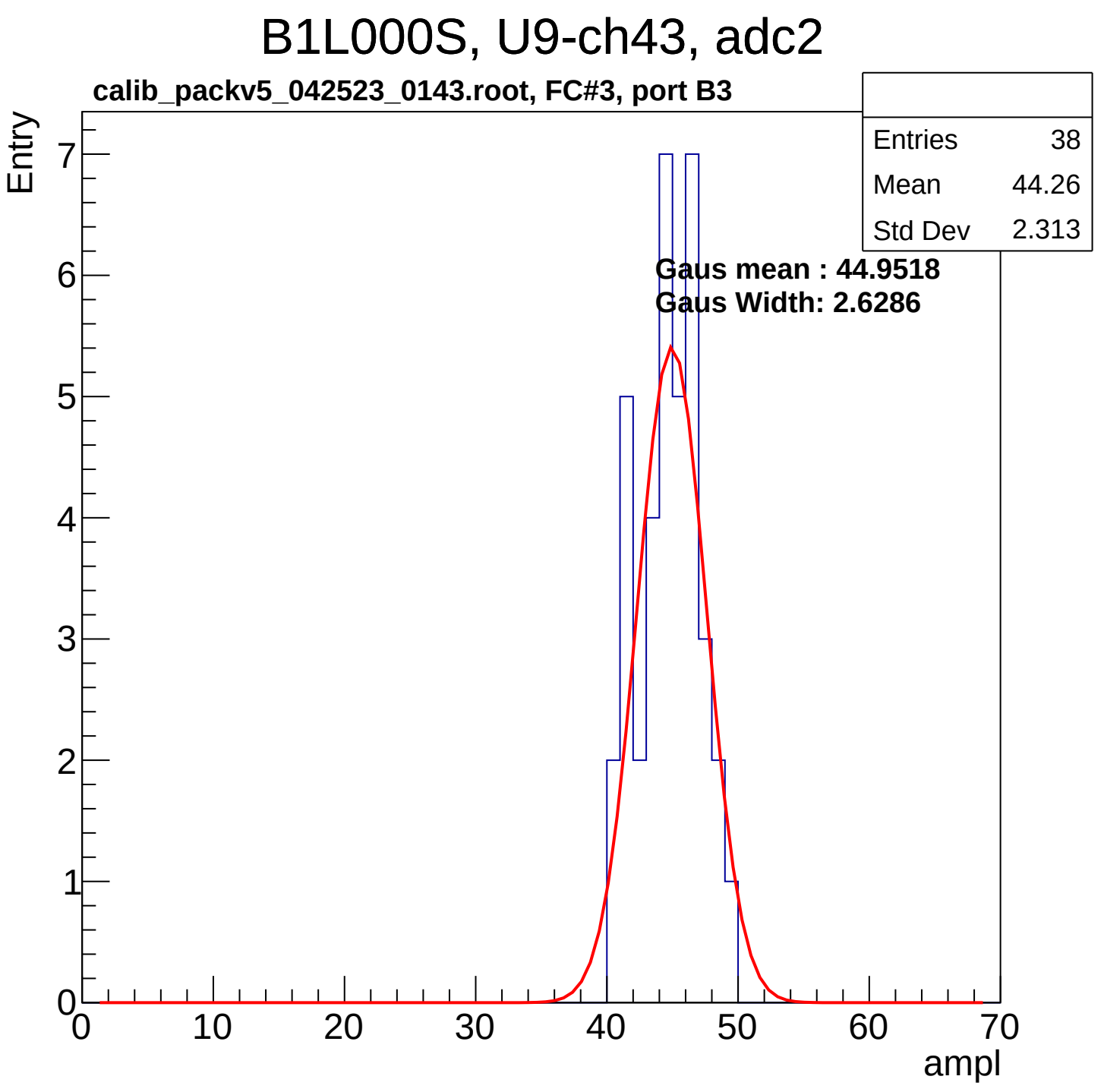
B1L000S, U9-ch43, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 44.26
Std Dev 2.313
Gaus mean : 44.9518
Gaus Width: 2.6286
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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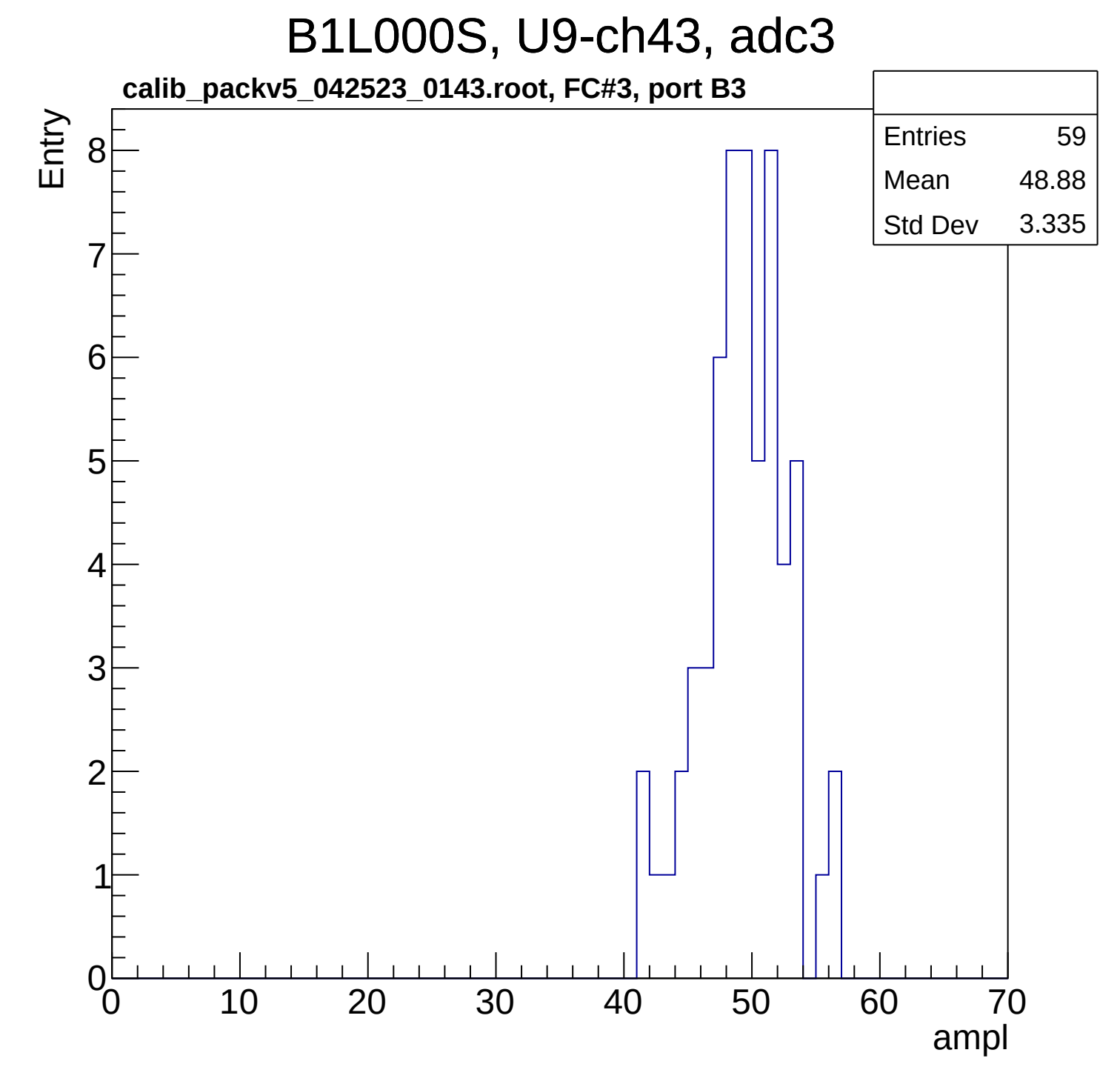
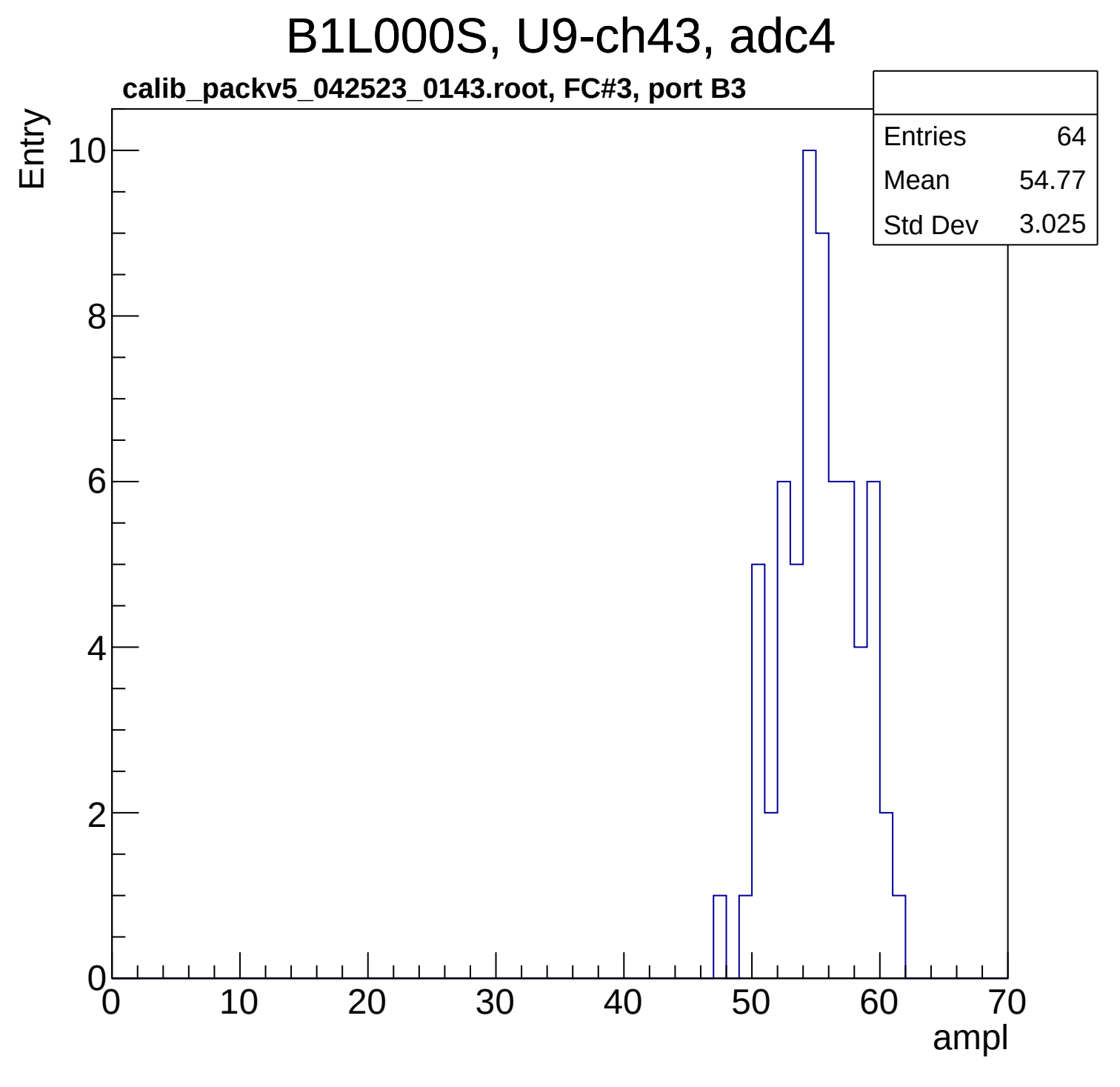
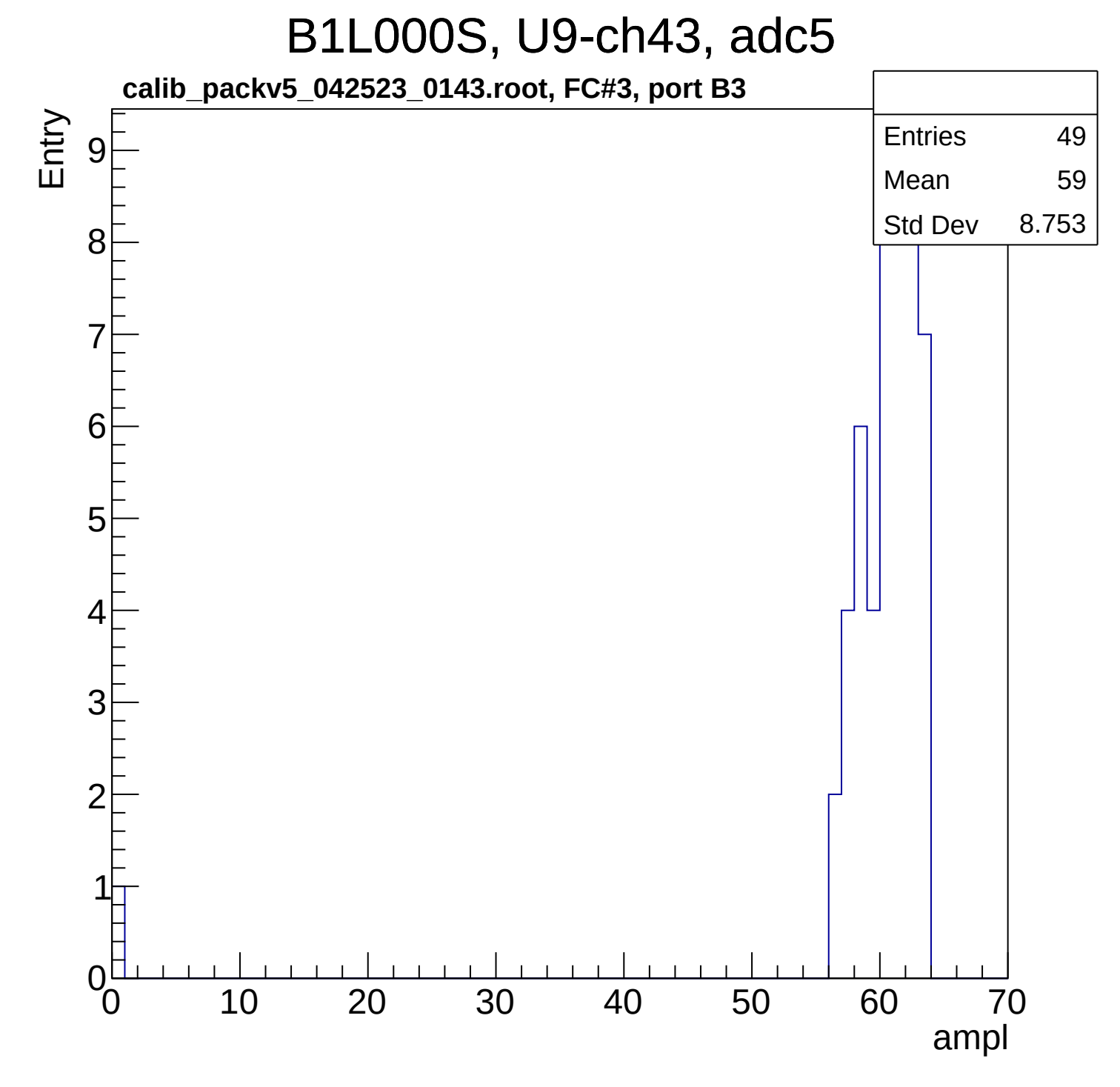

B1L000S, U9-ch43, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.88
Std Dev 3.335
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch43, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.77
Std Dev 3.025
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch43, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59
Std Dev 8.753
Entry
ampl
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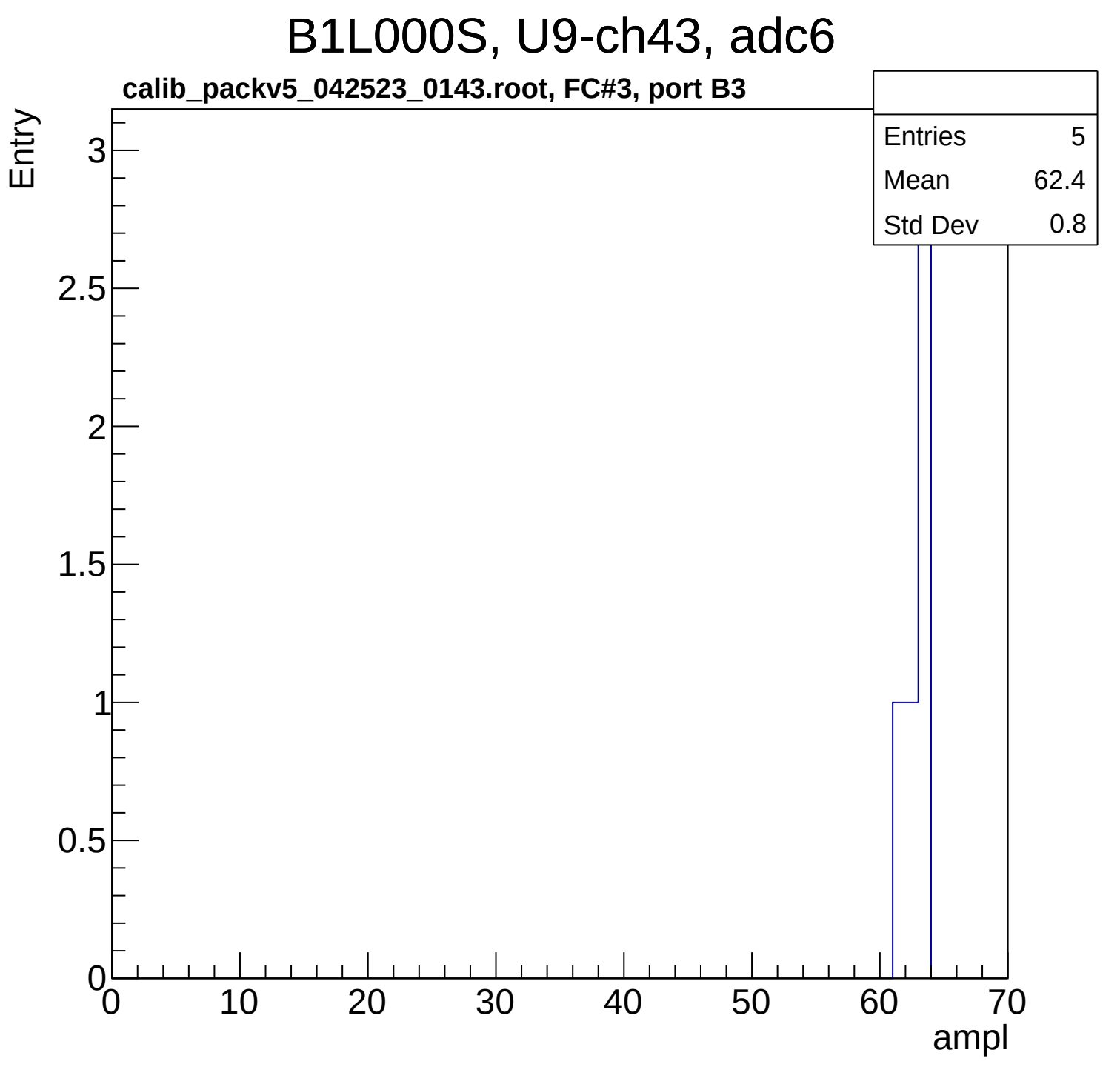
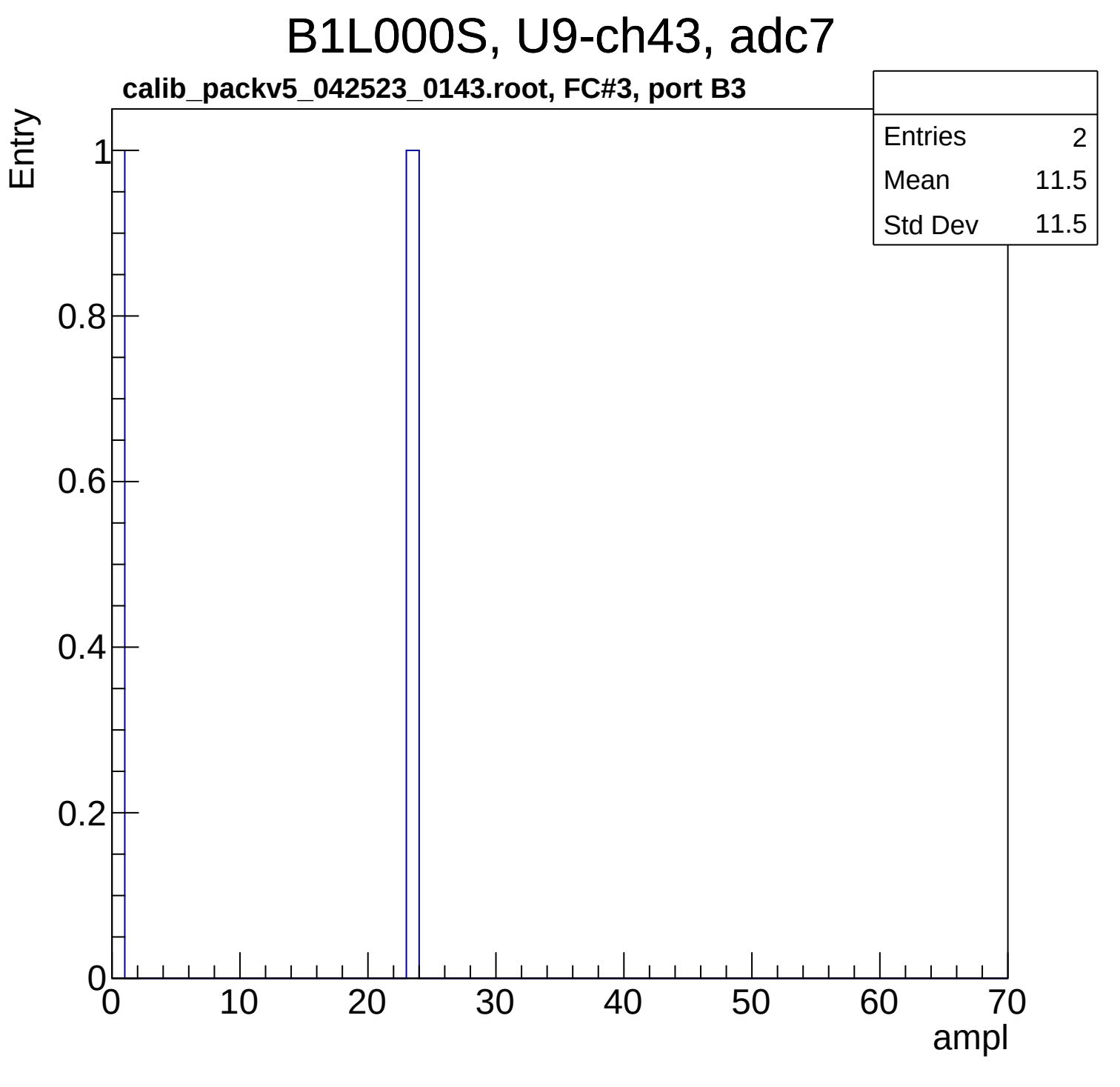
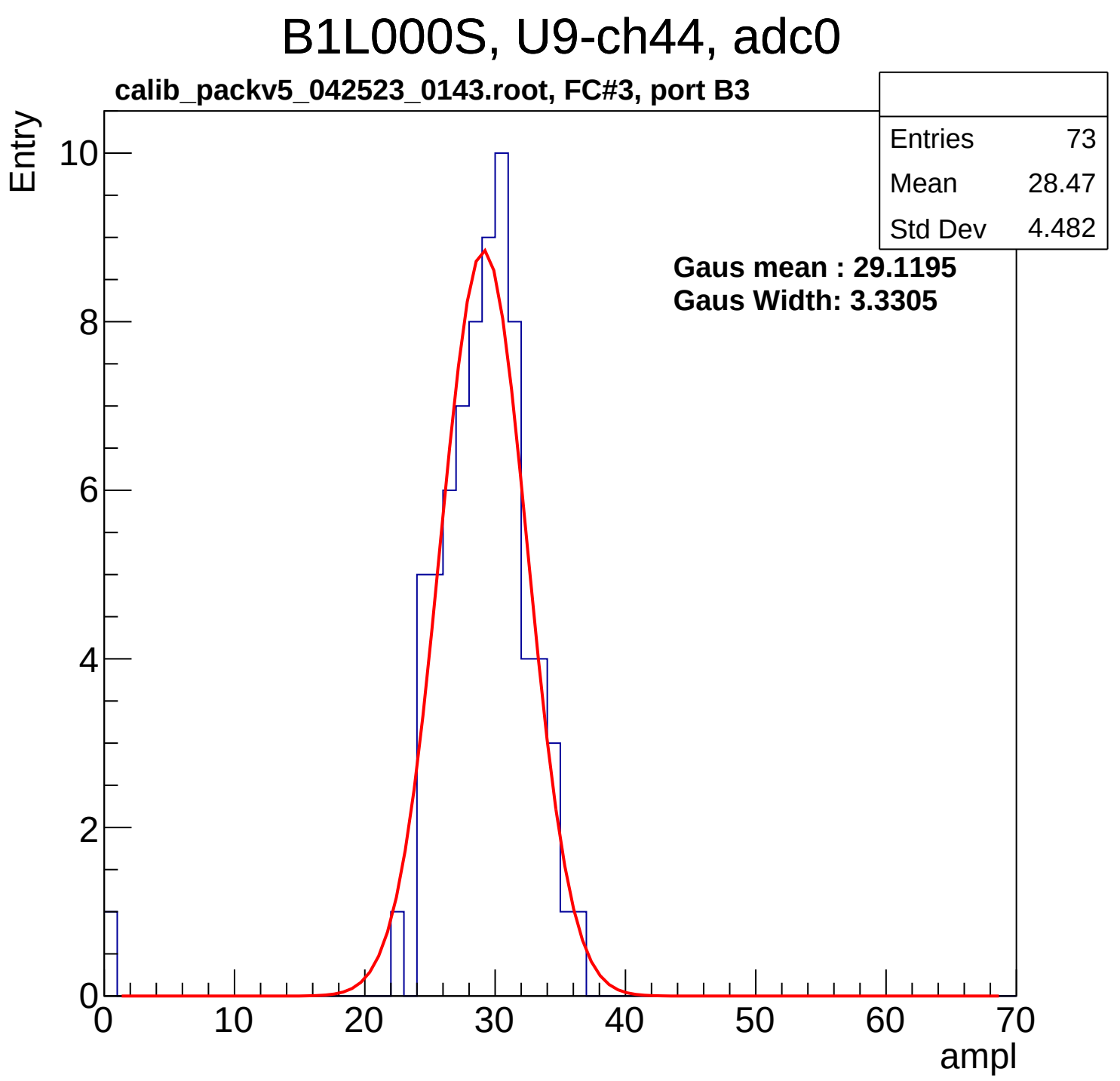
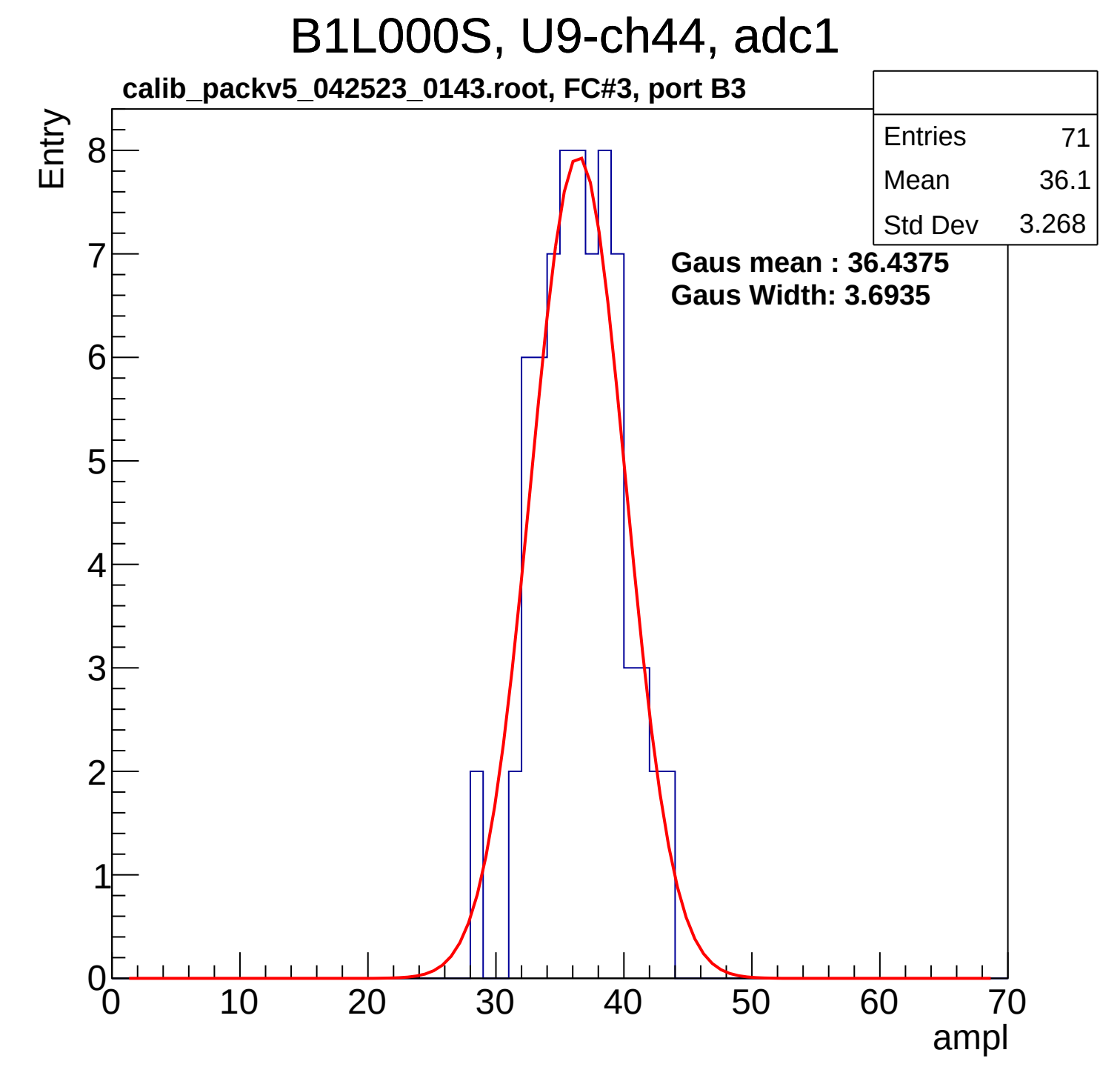
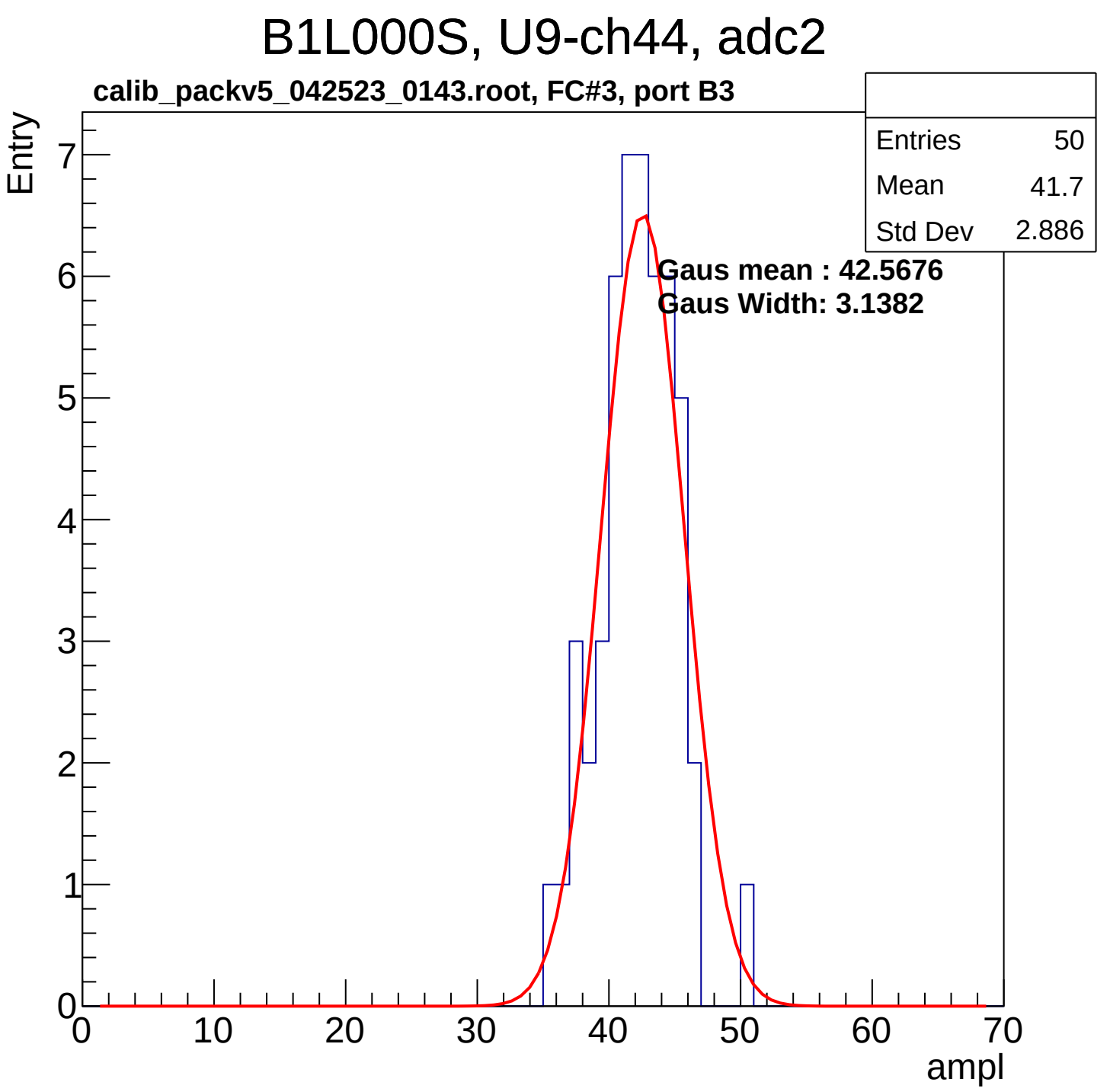
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

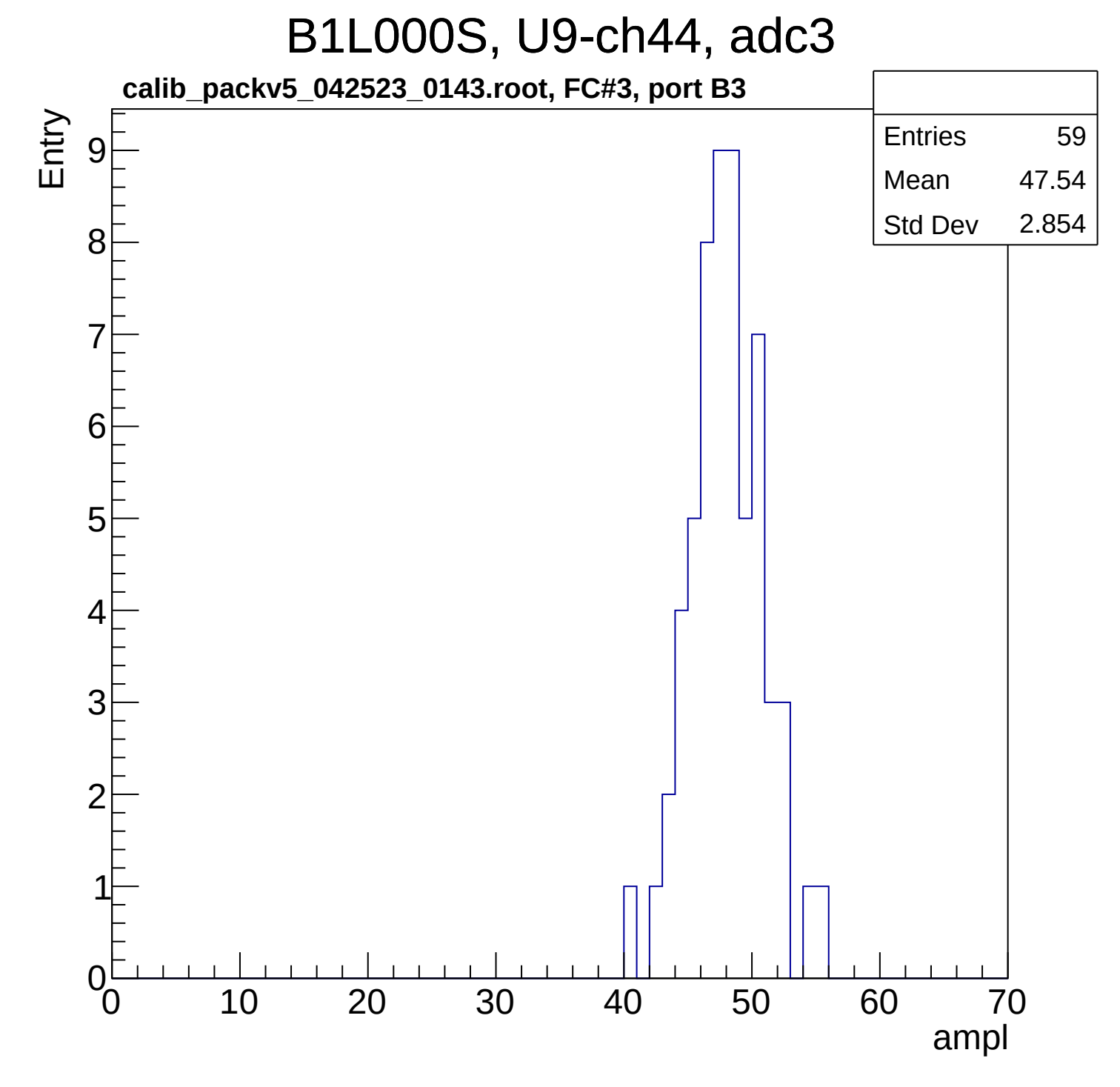

B1L000S, U9-ch43, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.4
Std Dev 0.8
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch43, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch44, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.47
Std Dev 4.482
Gaus mean : 29.1195
Gaus Width: 3.3305
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch44, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 36.1
Std Dev 3.268
Gaus mean : 36.4375
Gaus Width: 3.6935
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch44, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 41.7
Std Dev 2.886
Gaus mean : 42.5676
Gaus Width: 3.1382
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch44, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.54
Std Dev 2.854
Entry
ampl
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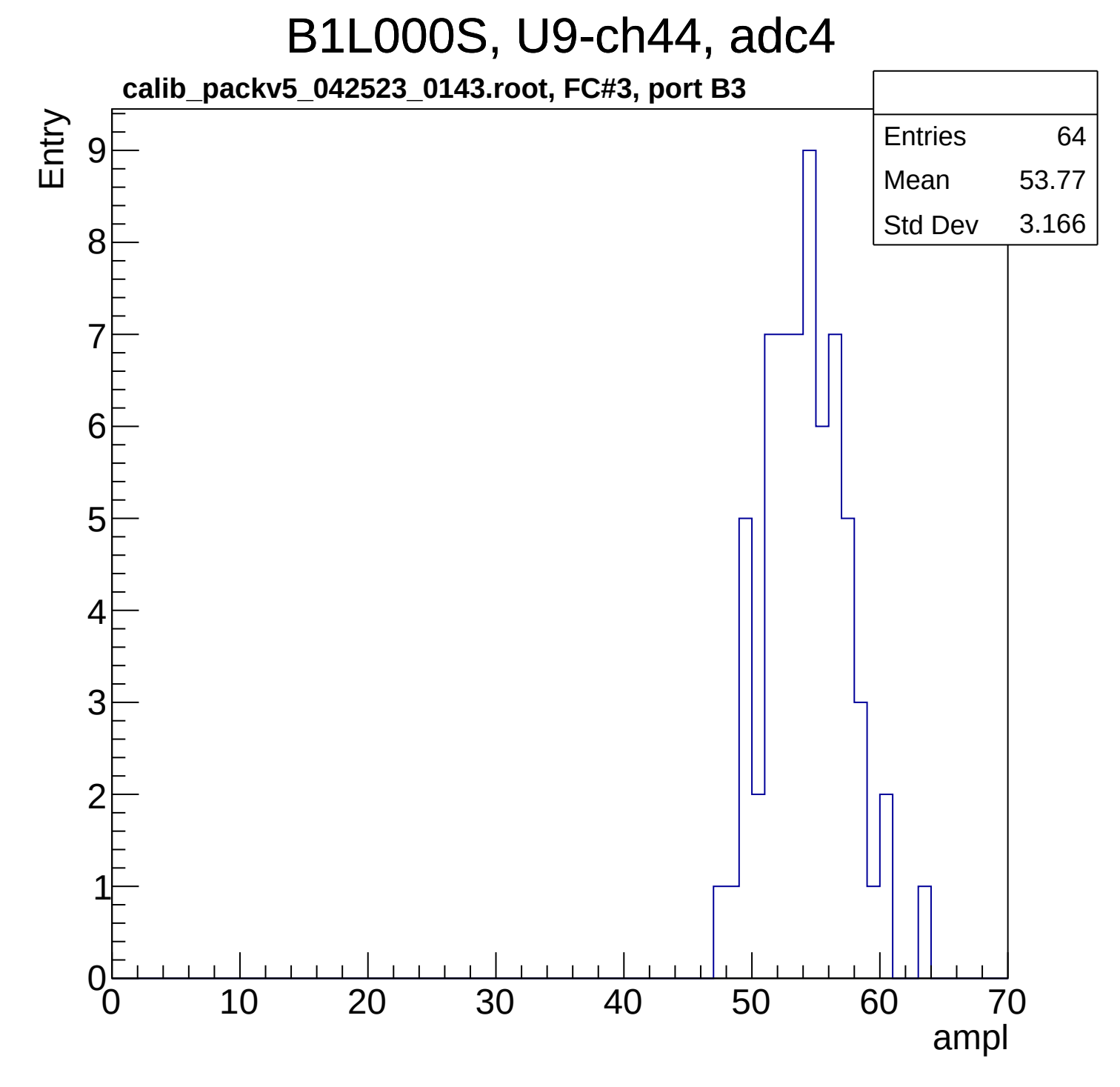
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch44, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 53.77
Std Dev 3.166
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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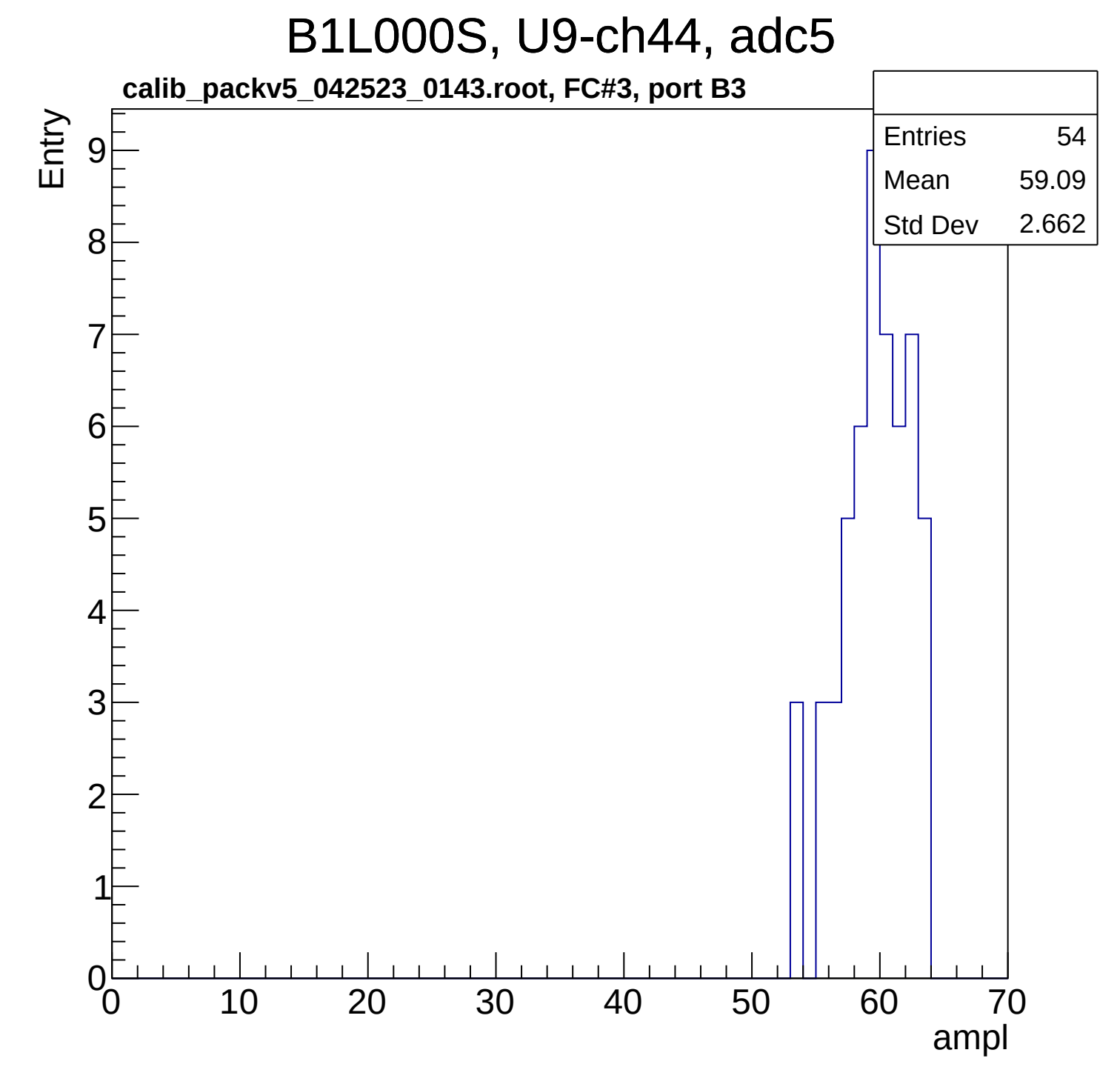
B1L000S, U9-ch44, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 59.09
Std Dev 2.662
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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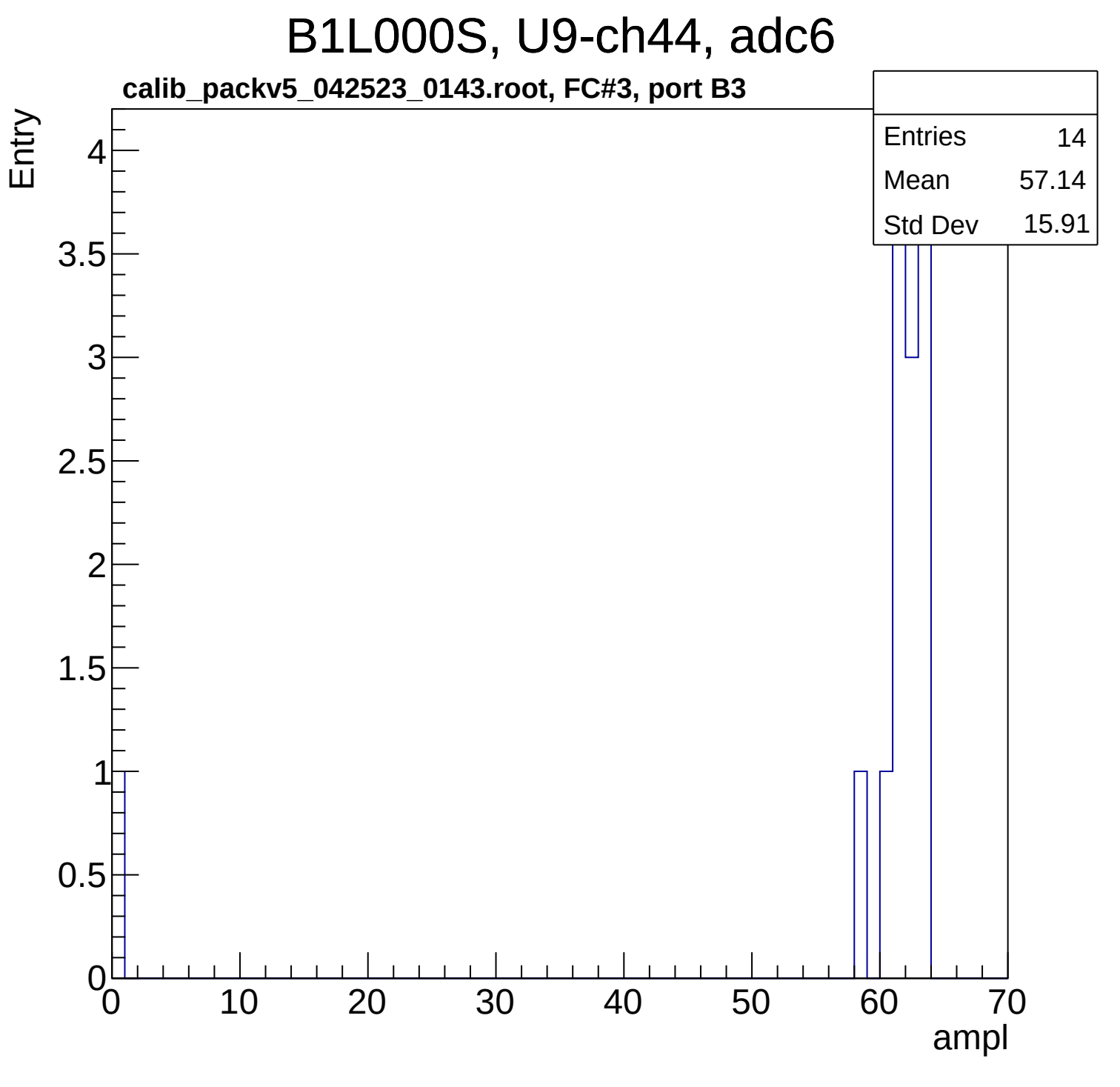
B1L000S, U9-ch44, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.14
Std Dev 15.91
Entry
ampl
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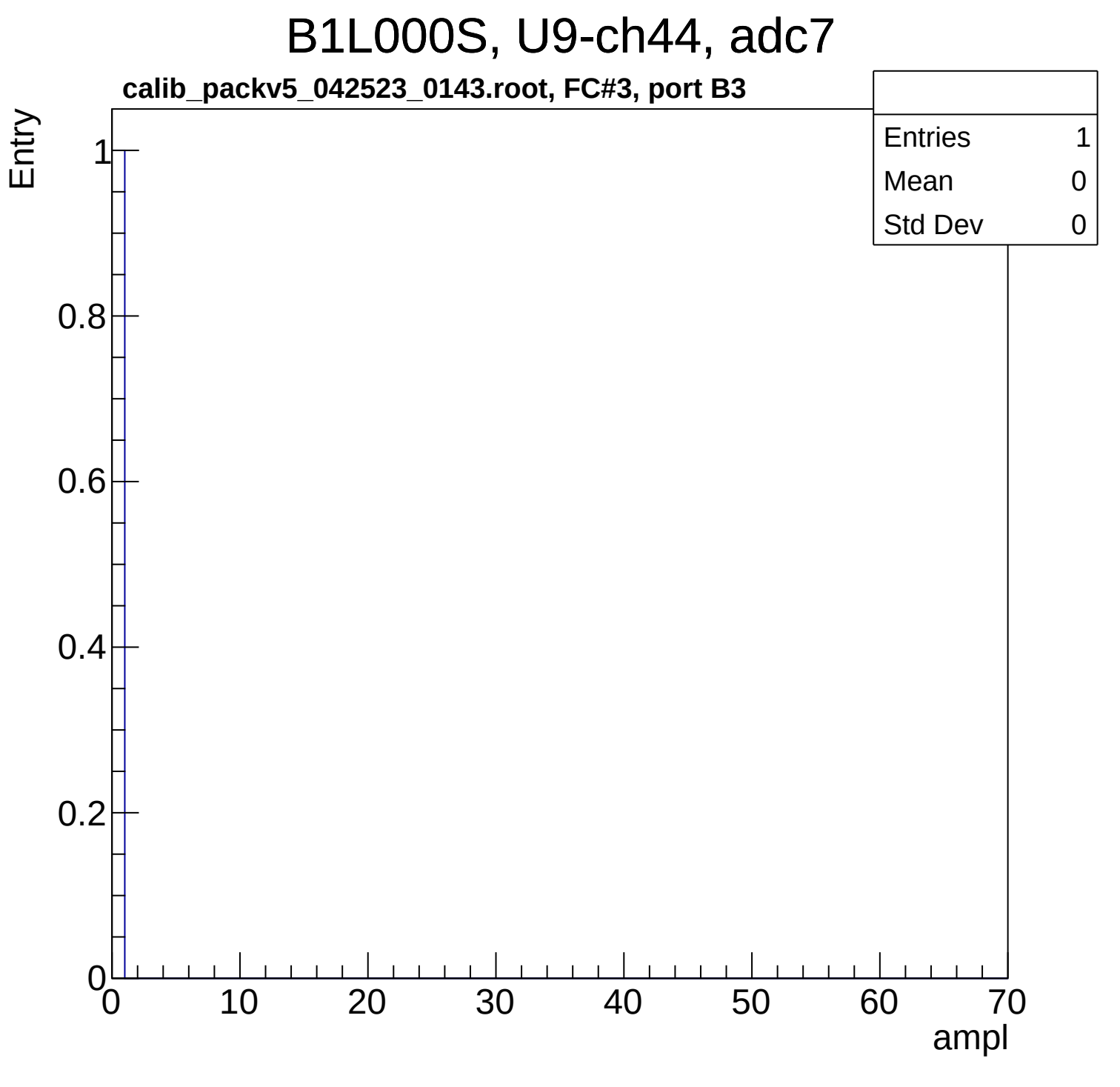
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U9-ch44, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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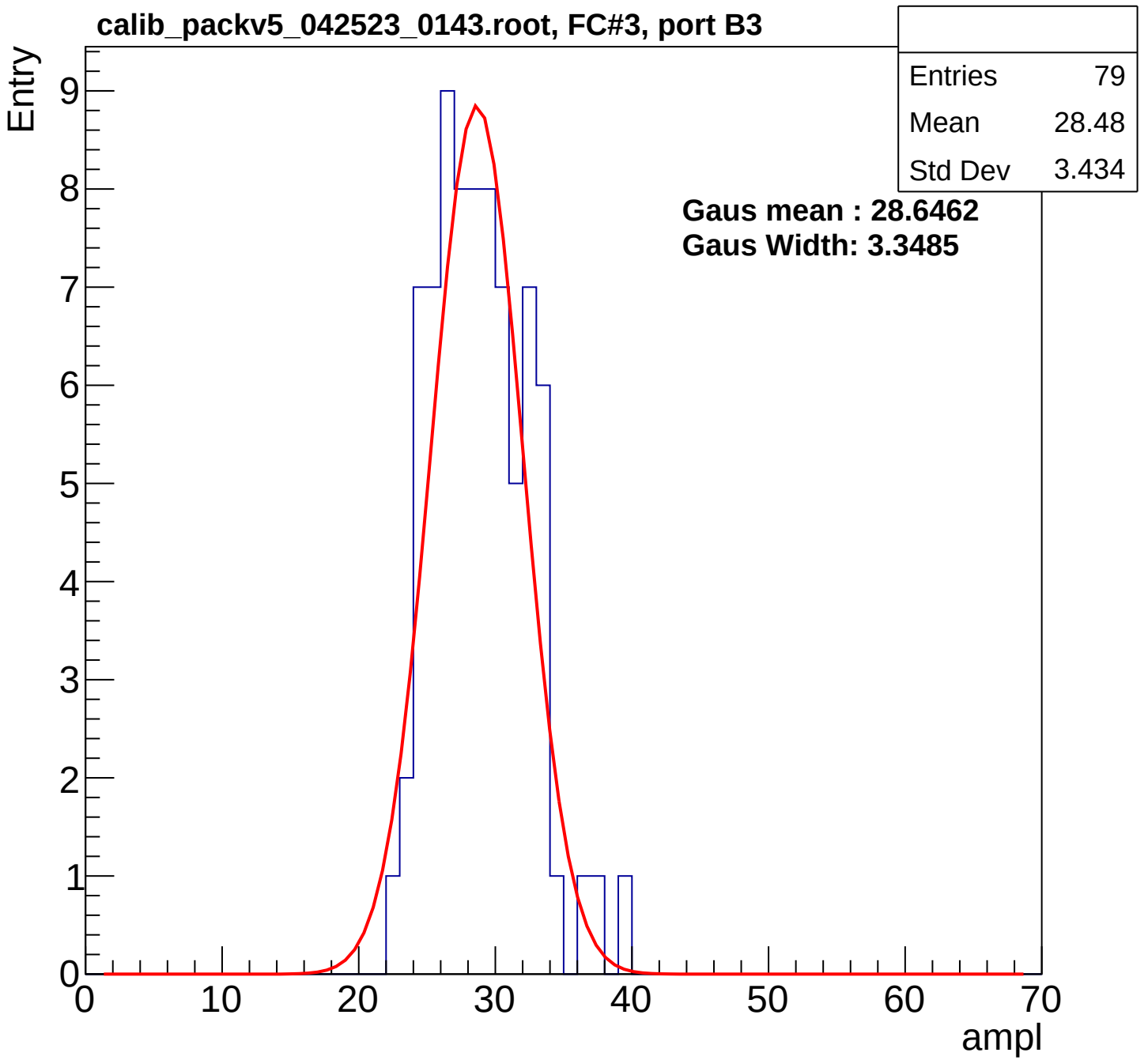
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch45, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 28.48
Std Dev 3.434
Gaus mean : 28.6462
Gaus Width: 3.3485
Entry
ampl
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3
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5
6
7
8
9
0
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20
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60
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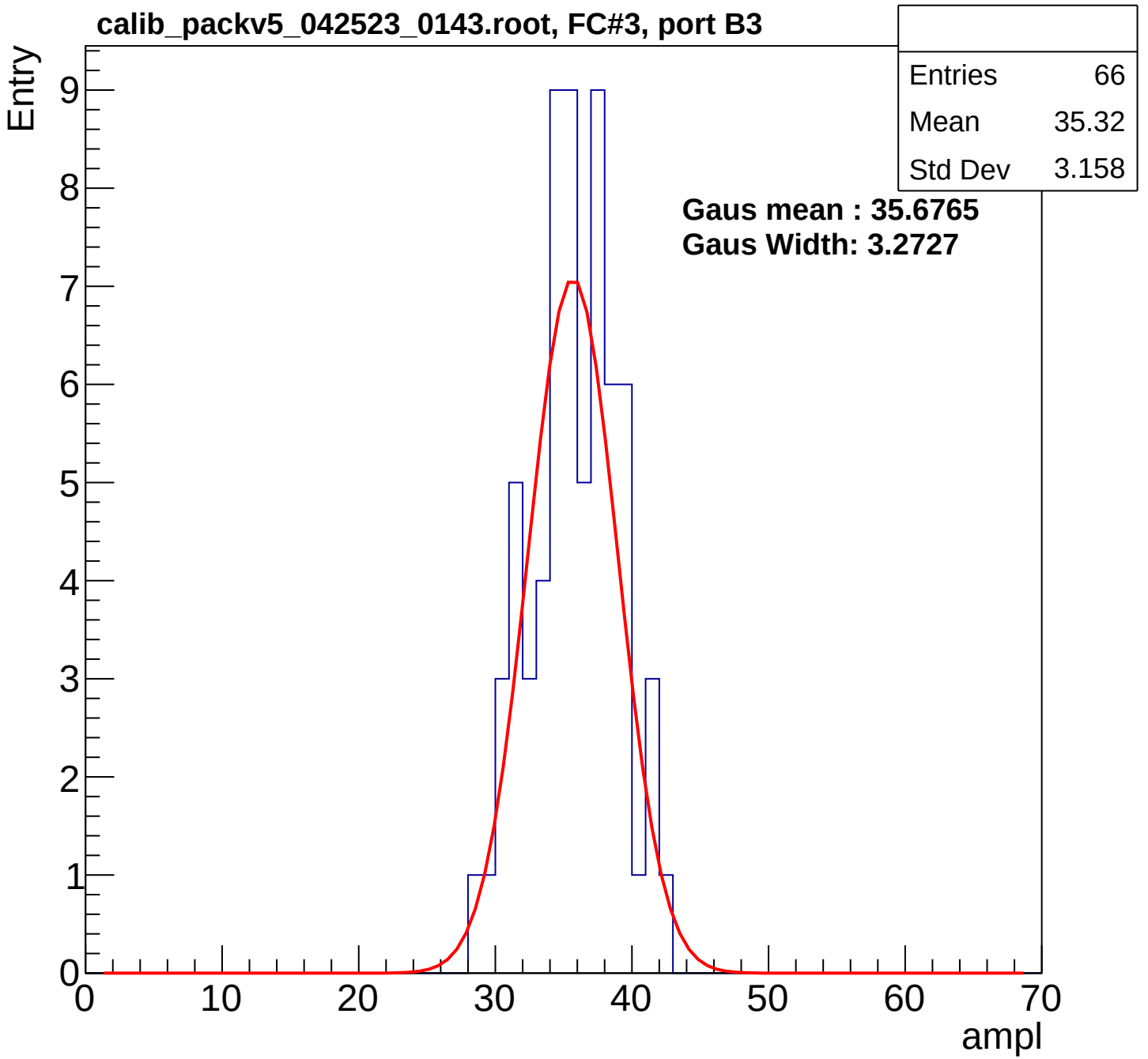
B1L000S, U9-ch45, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.32
Std Dev 3.158
Gaus mean : 35.6765
Gaus Width: 3.2727
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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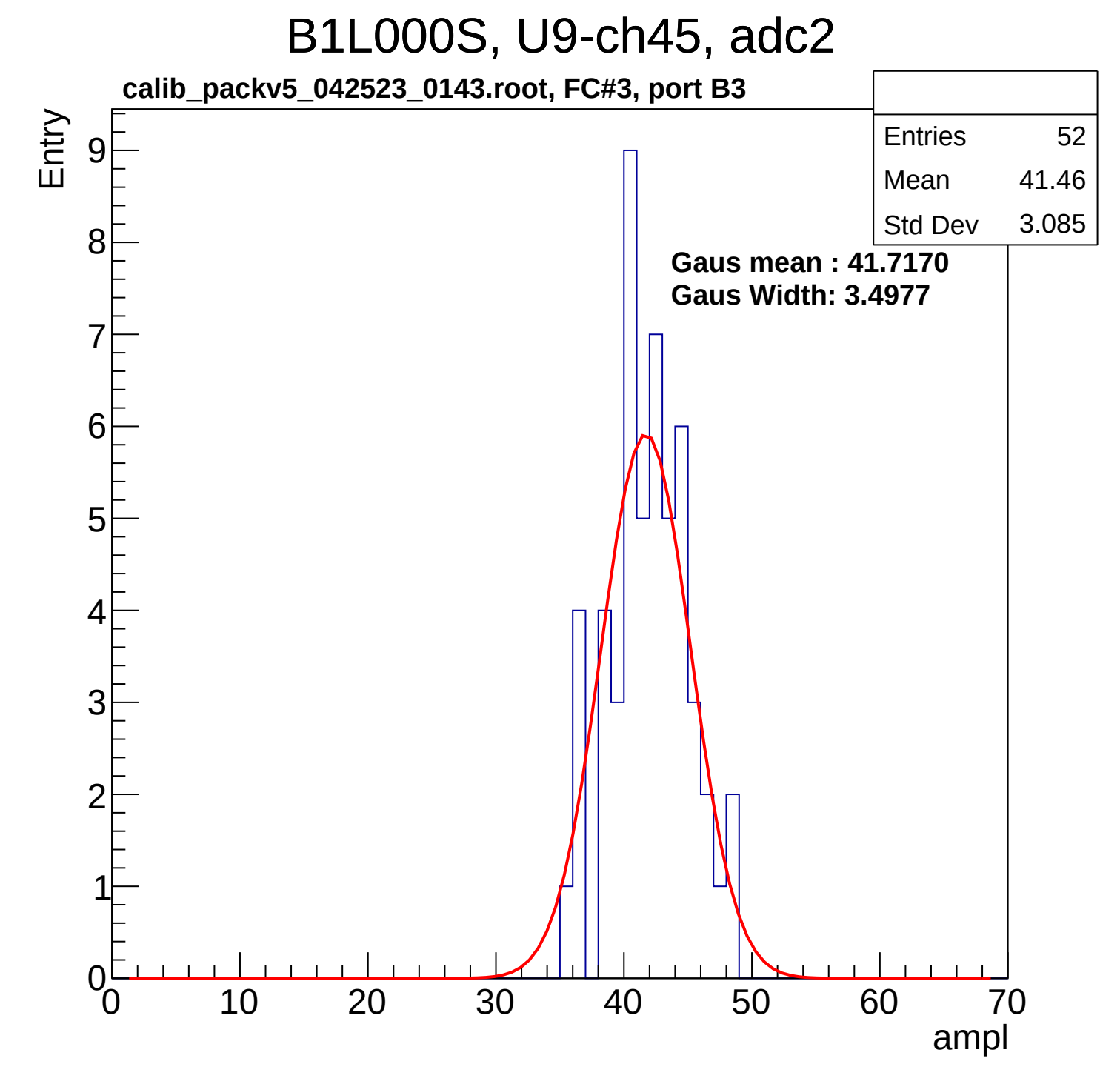
20
30
40
50
60
70


B1L000S, U9-ch45, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 41.46
Std Dev 3.085
Gaus mean : 41.7170
Gaus Width: 3.4977
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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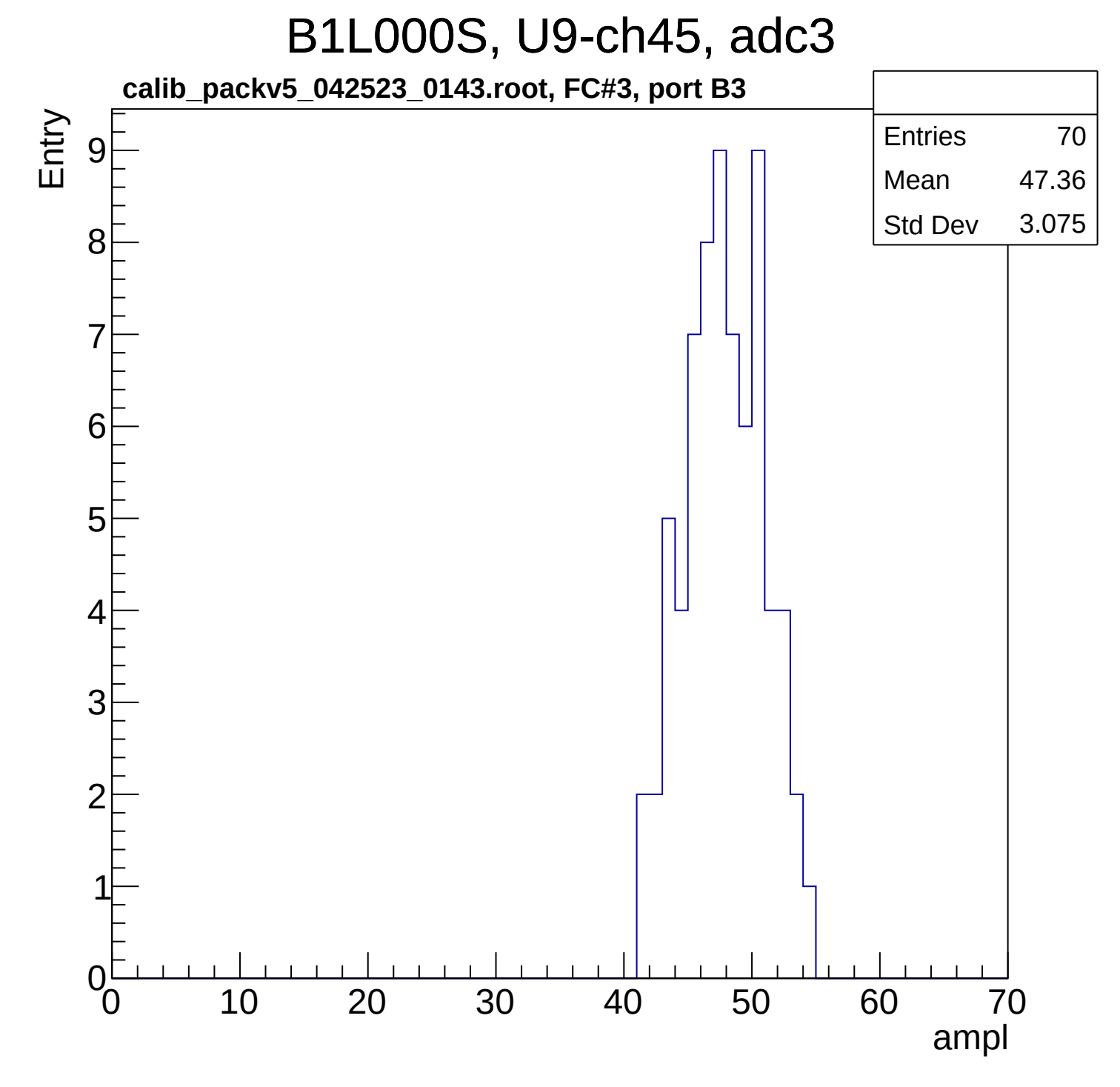
B1L000S, U9-ch45, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.36
Std Dev 3.075
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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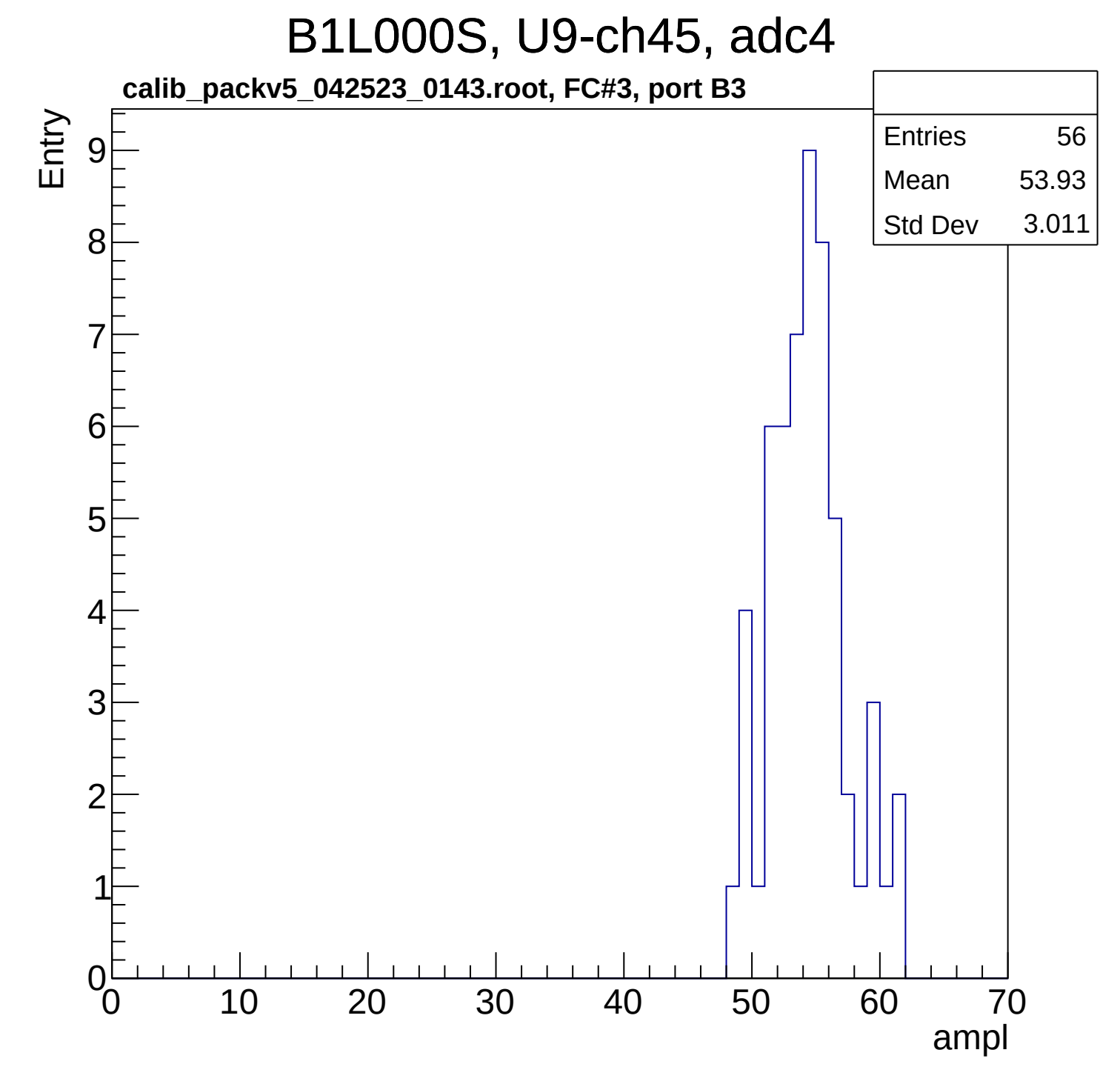
B1L000S, U9-ch45, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.93
Std Dev 3.011
Entry
ampl
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2
3
4
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6
7
8
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0
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40
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60
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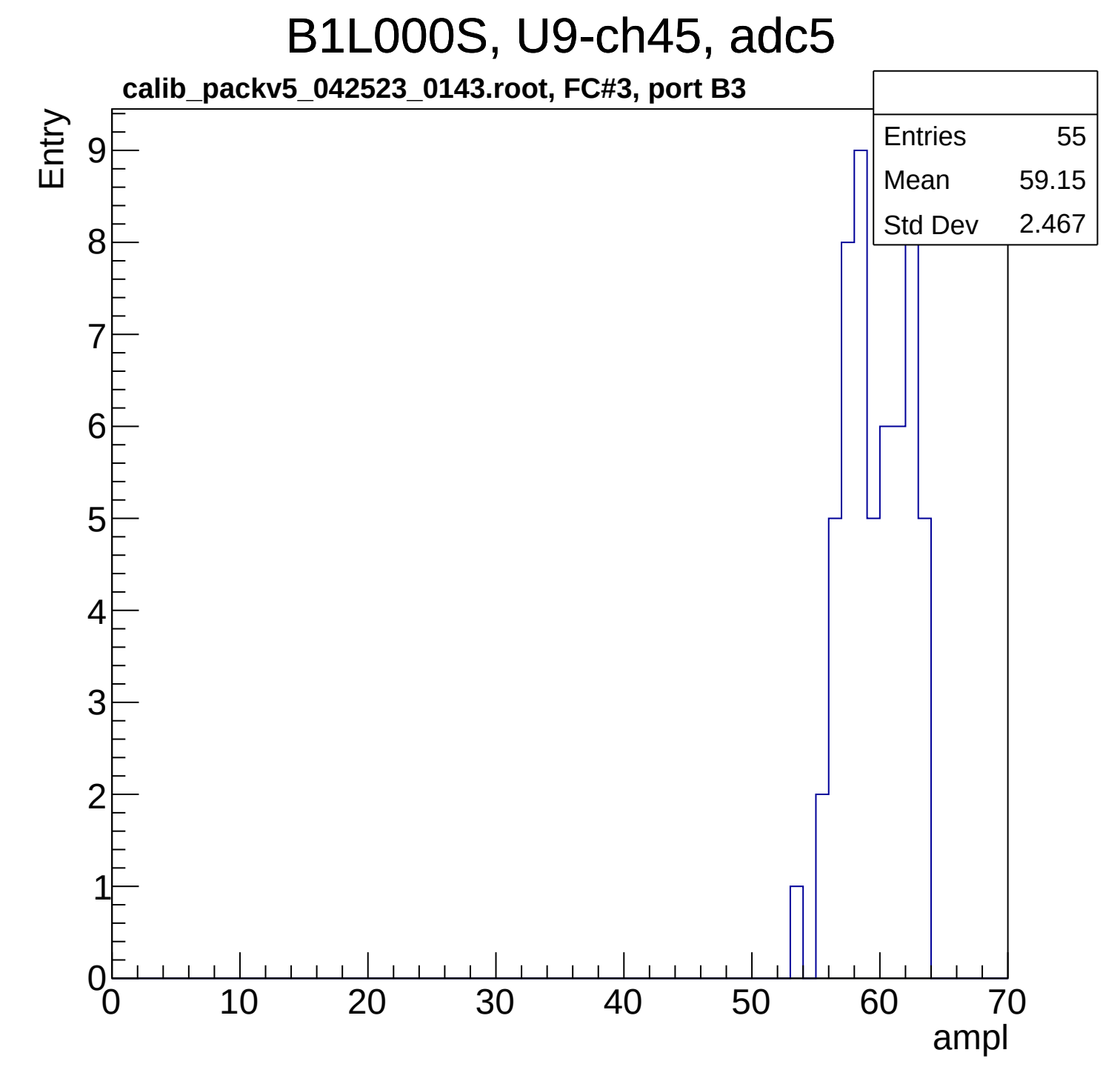
B1L000S, U9-ch45, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 59.15
Std Dev 2.467
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
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60
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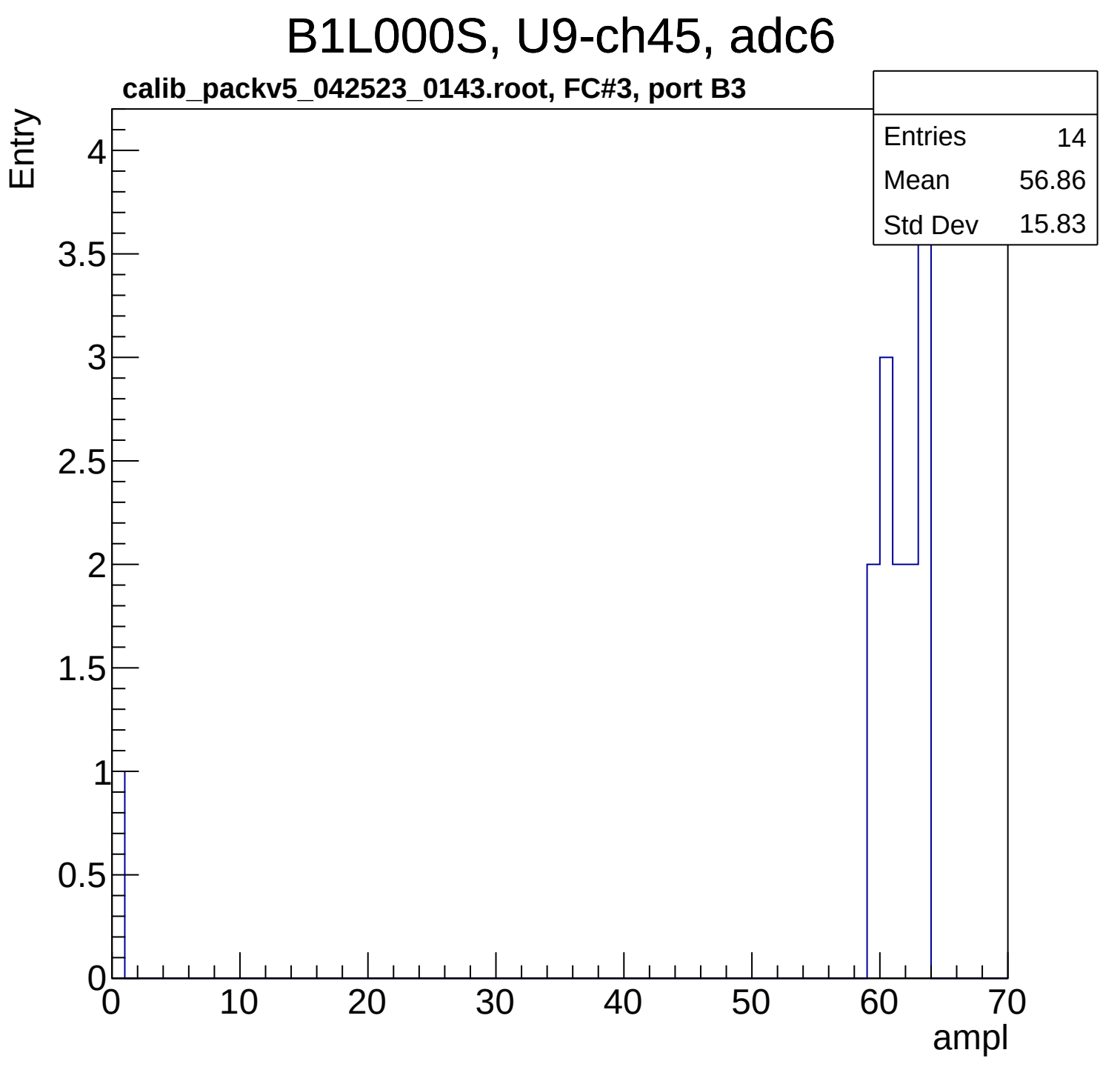
B1L000S, U9-ch45, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 56.86
Std Dev 15.83
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
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0
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20
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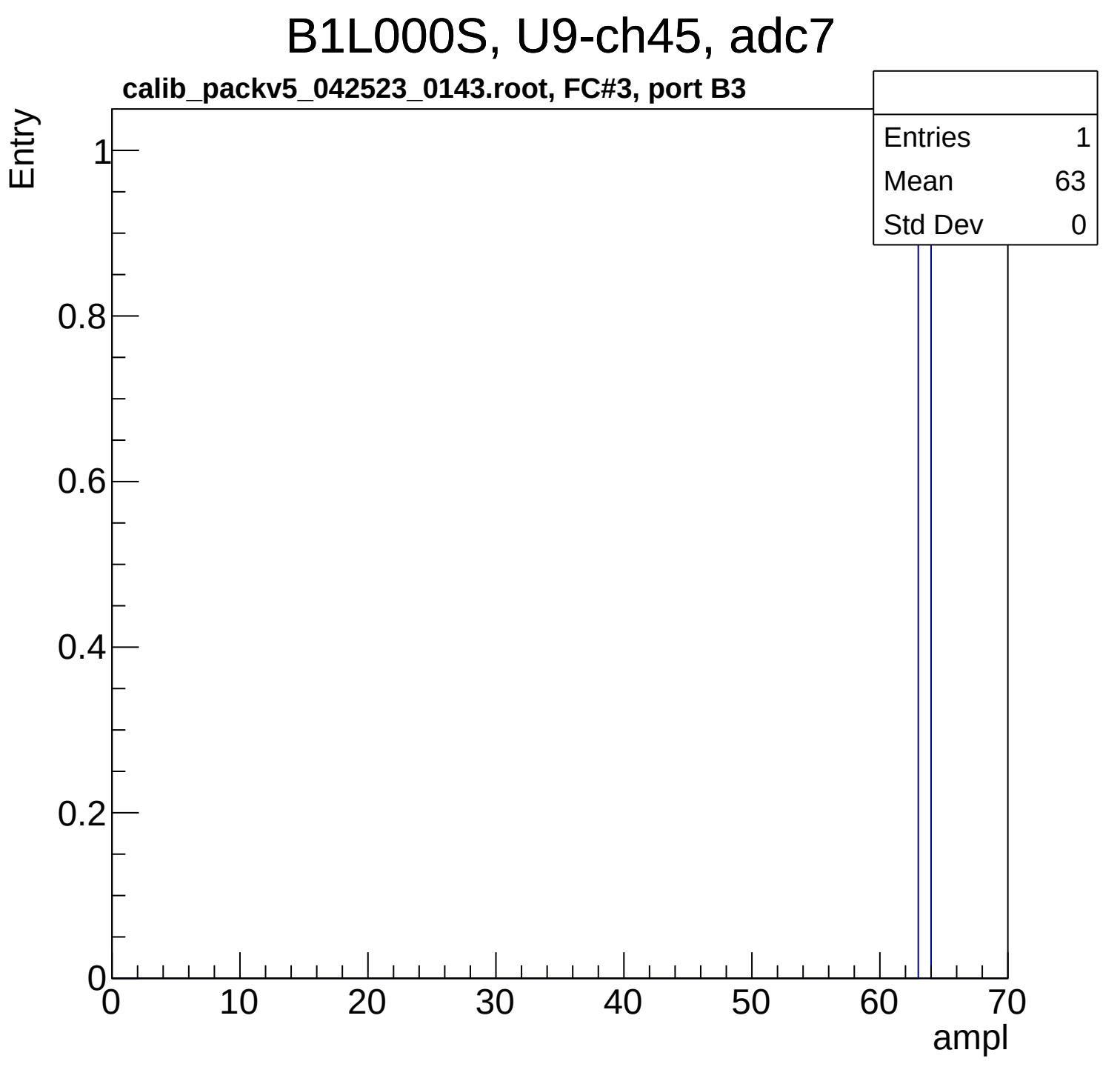
50
60
70


B1L000S, U9-ch45, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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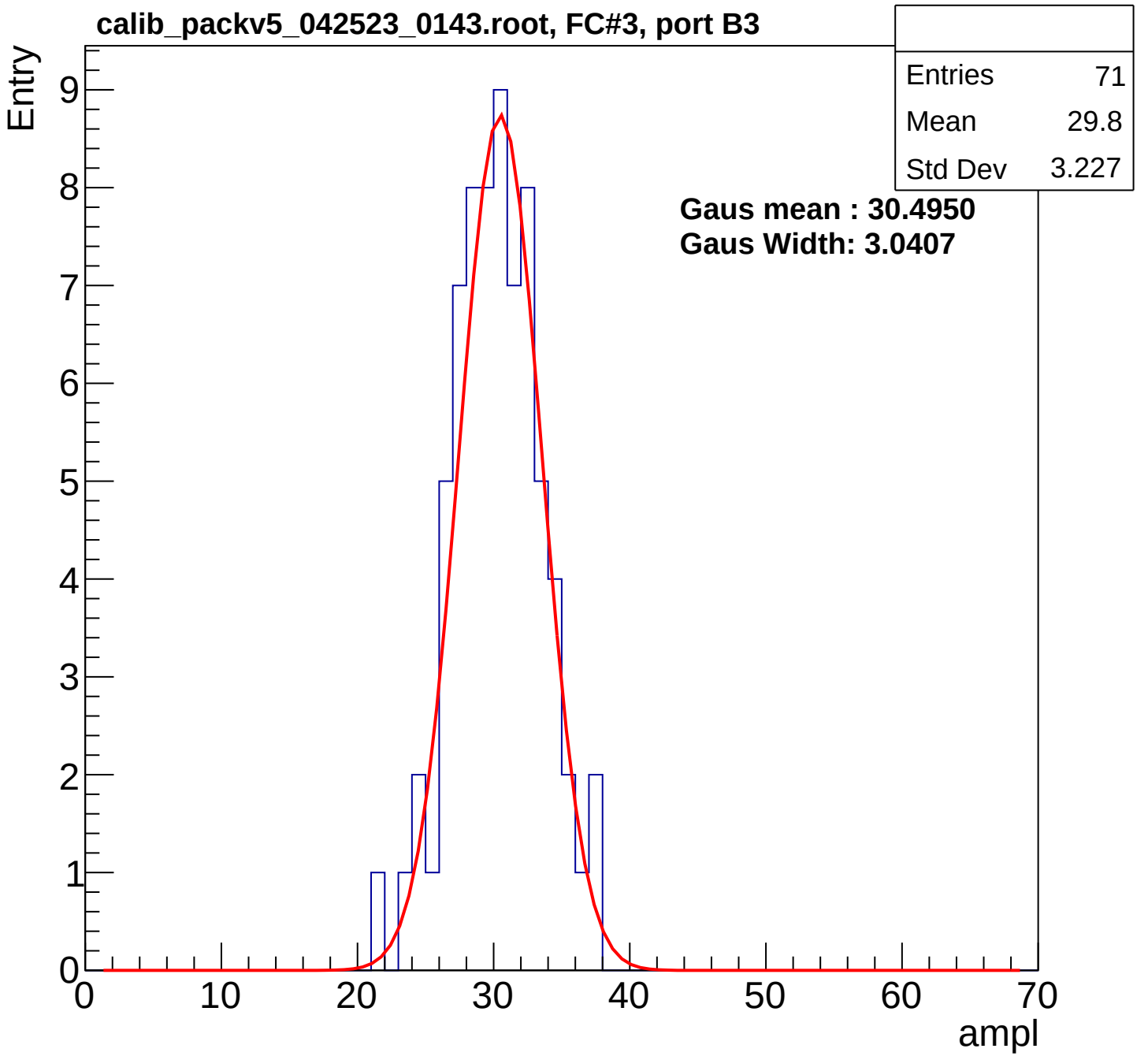
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch46, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.8
Std Dev 3.227
Gaus mean : 30.4950
Gaus Width: 3.0407
Entry
ampl
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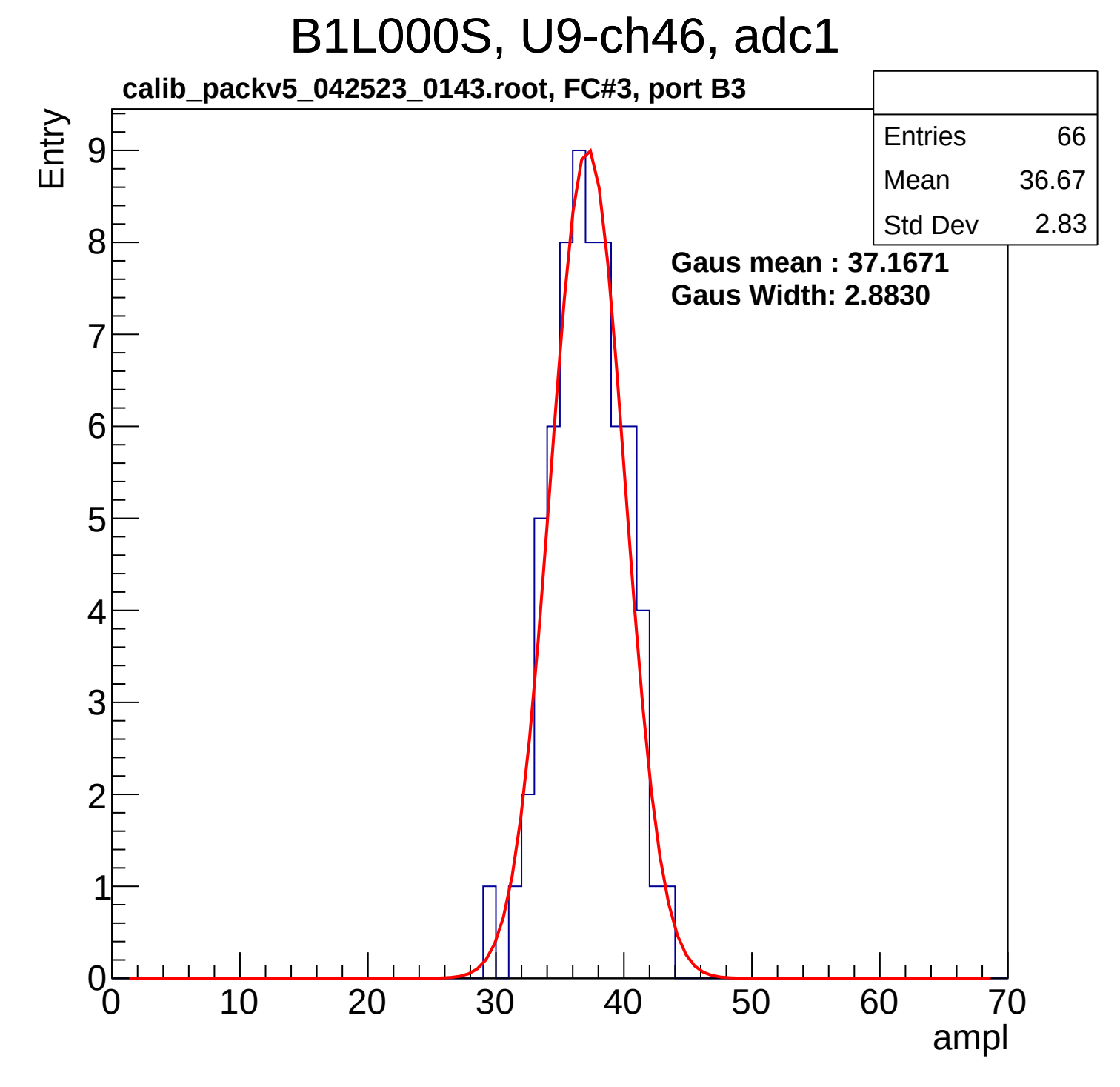
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch46, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.67
Std Dev 2.83
Gaus mean : 37.1671
Gaus Width: 2.8830
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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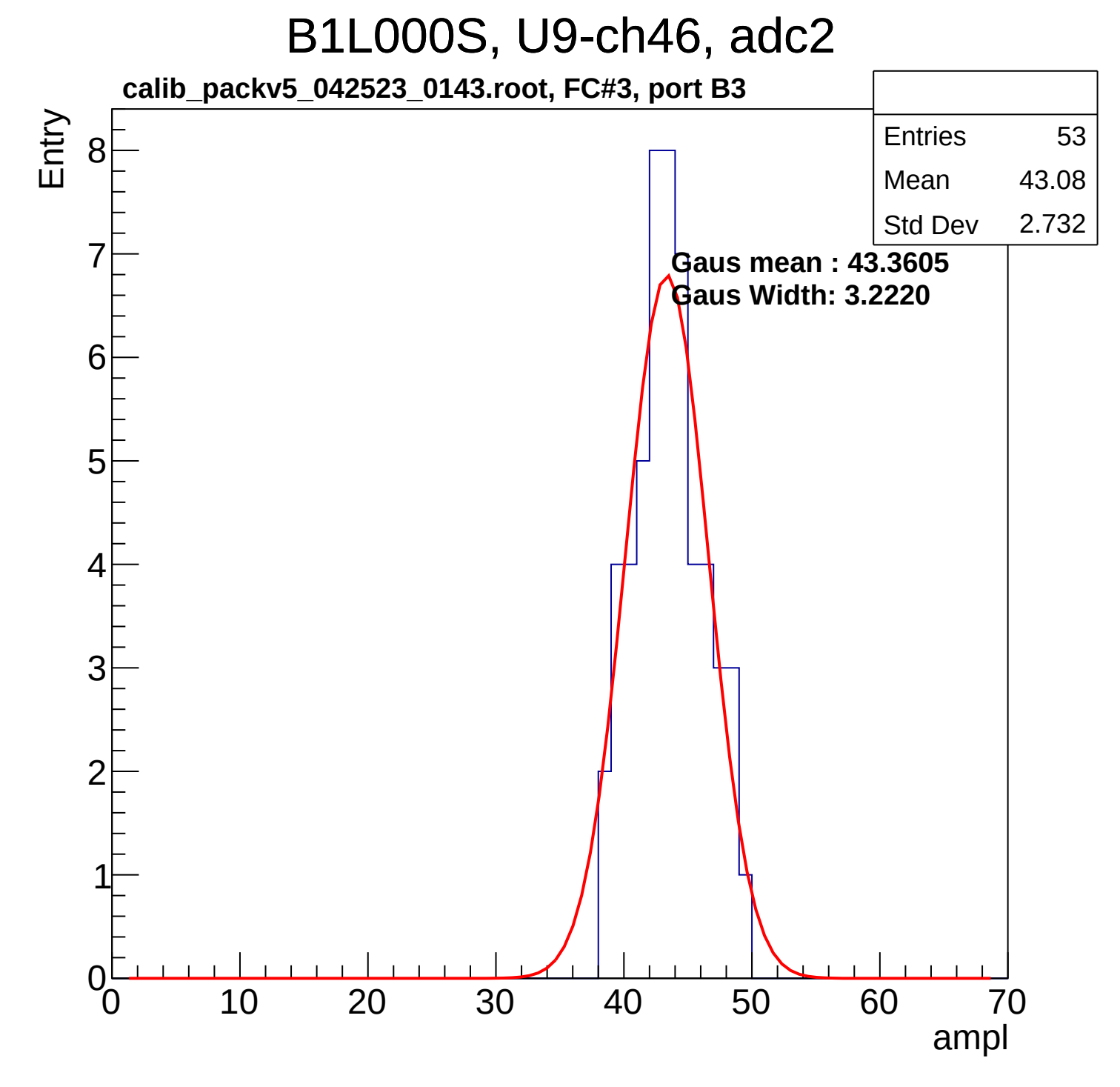
B1L000S, U9-ch46, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 43.08
Std Dev 2.732
Gaus mean : 43.3605
Gaus Width: 3.2220
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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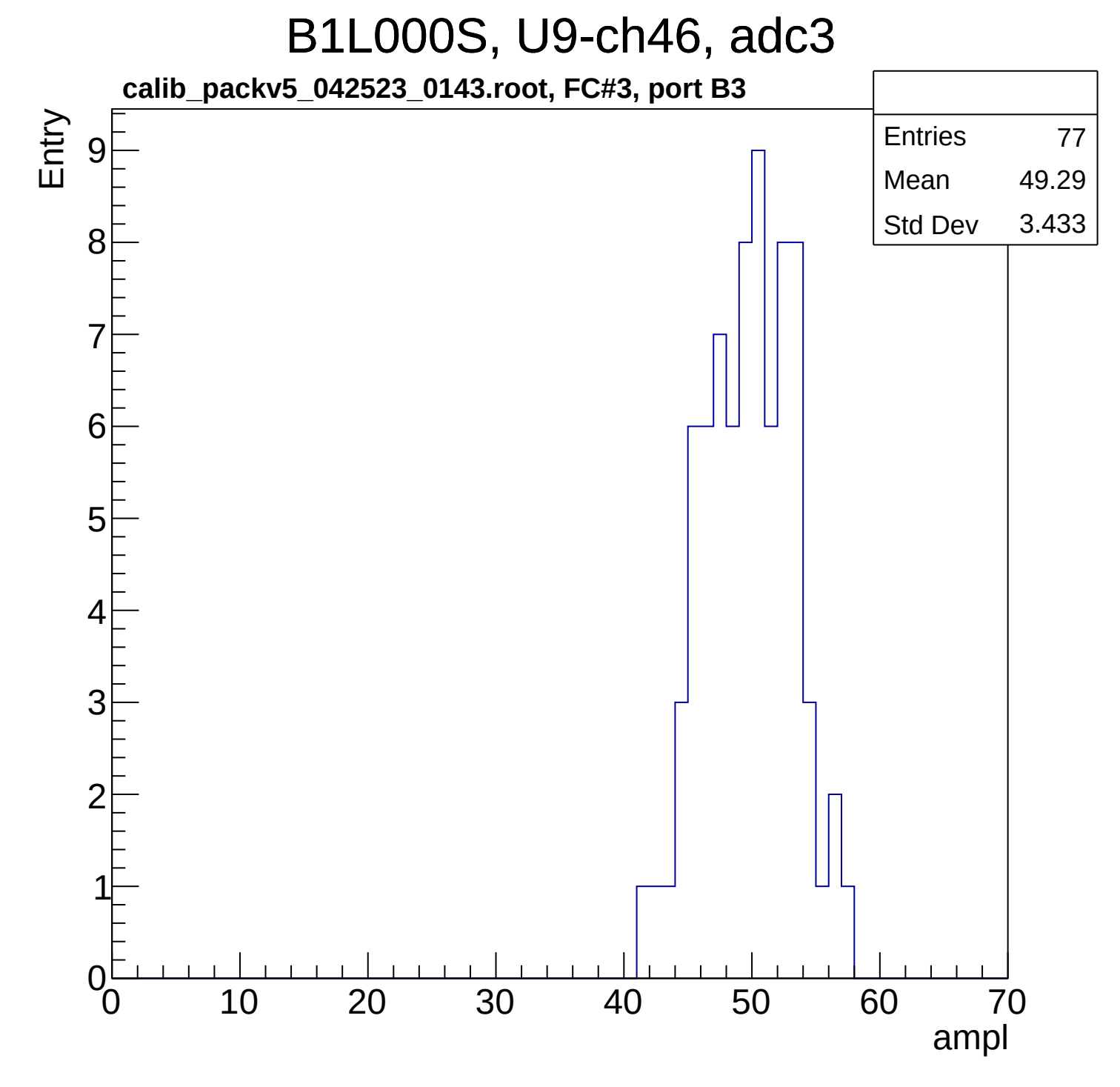
B1L000S, U9-ch46, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 49.29
Std Dev 3.433
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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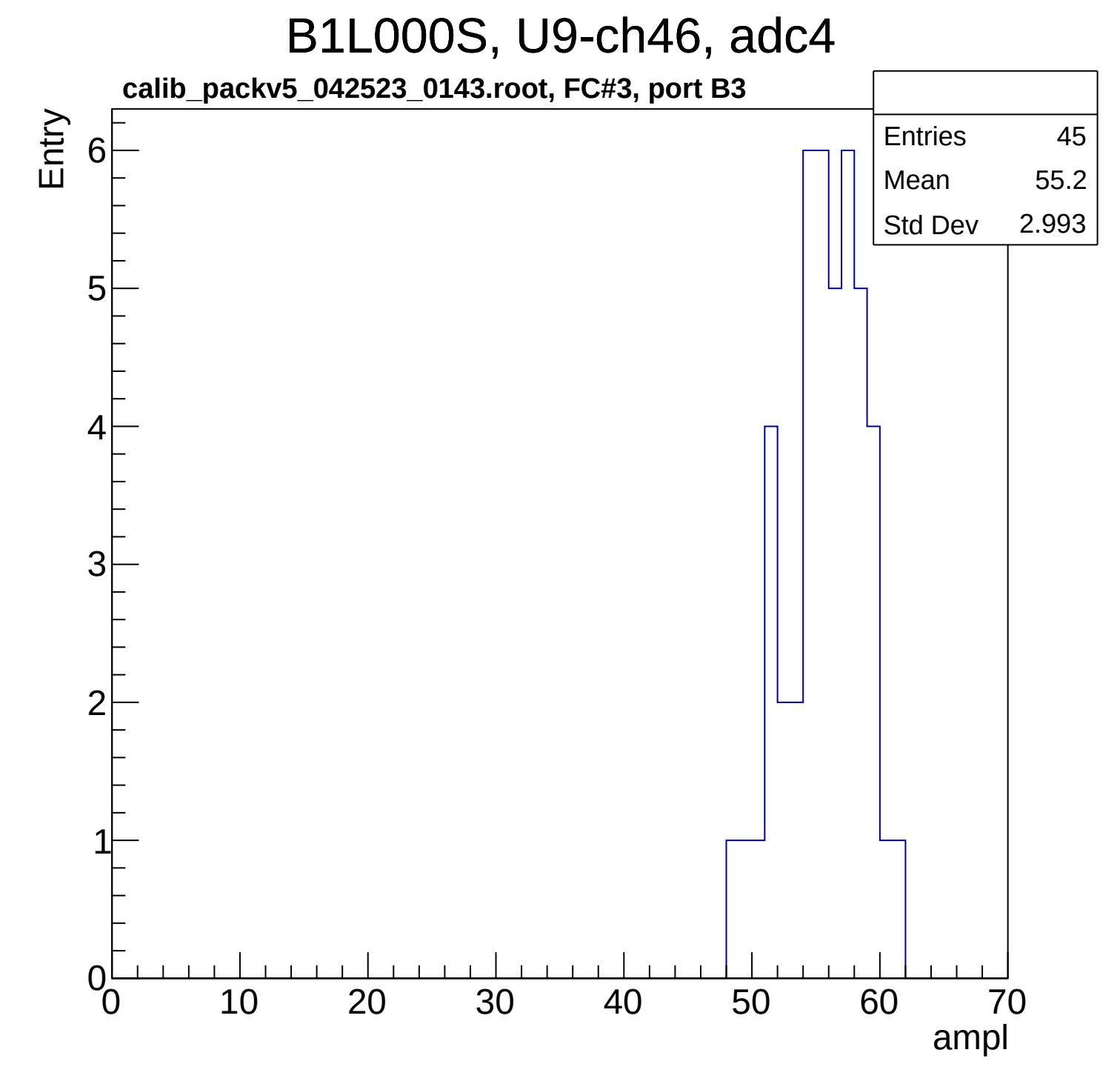
B1L000S, U9-ch46, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 55.2
Std Dev 2.993
Entry
0
1
2
3
4
5
6
0
10
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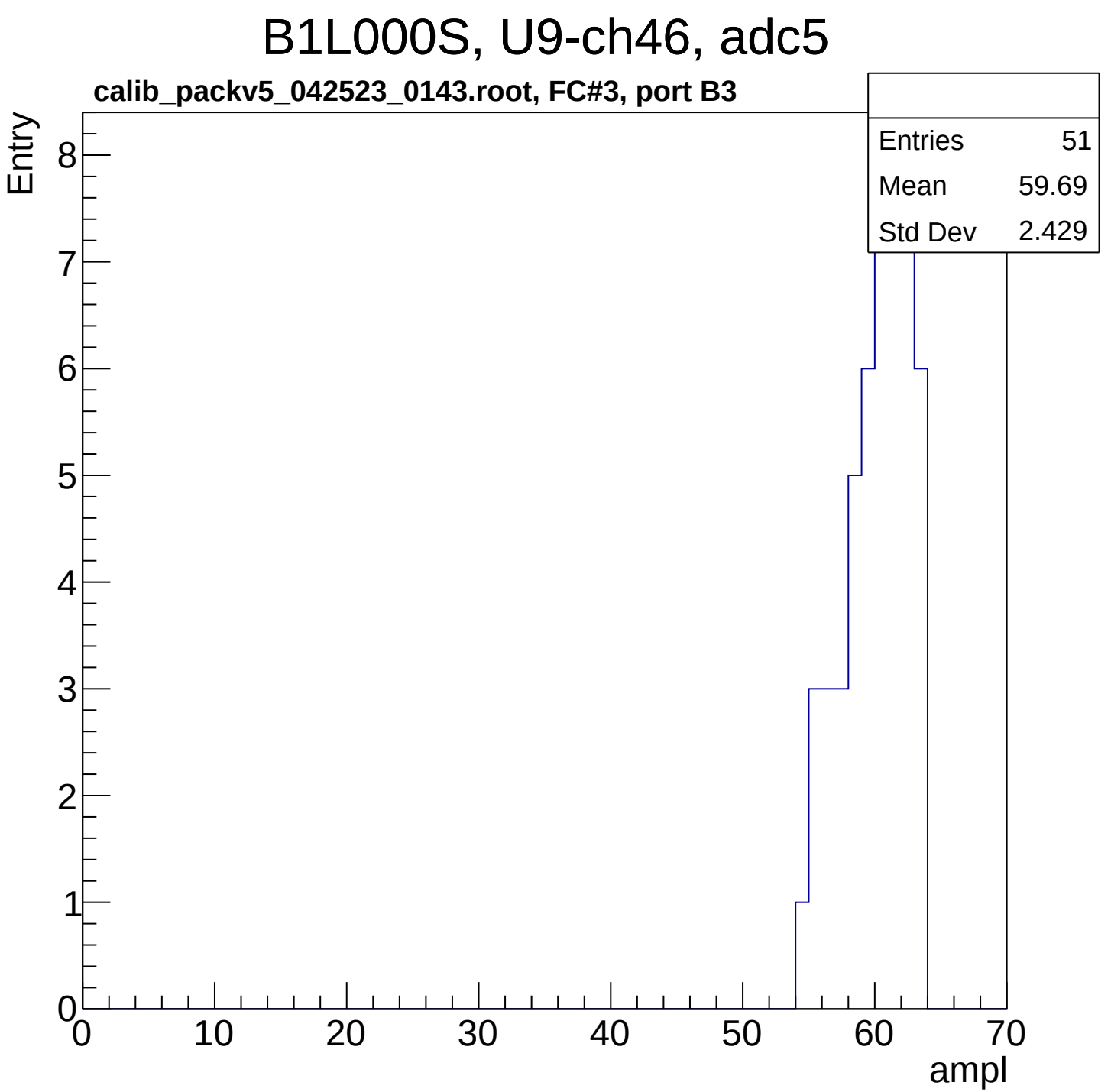
70
ampl


B1L000S, U9-ch46, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.69
Std Dev 2.429
Entry
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2
3
4
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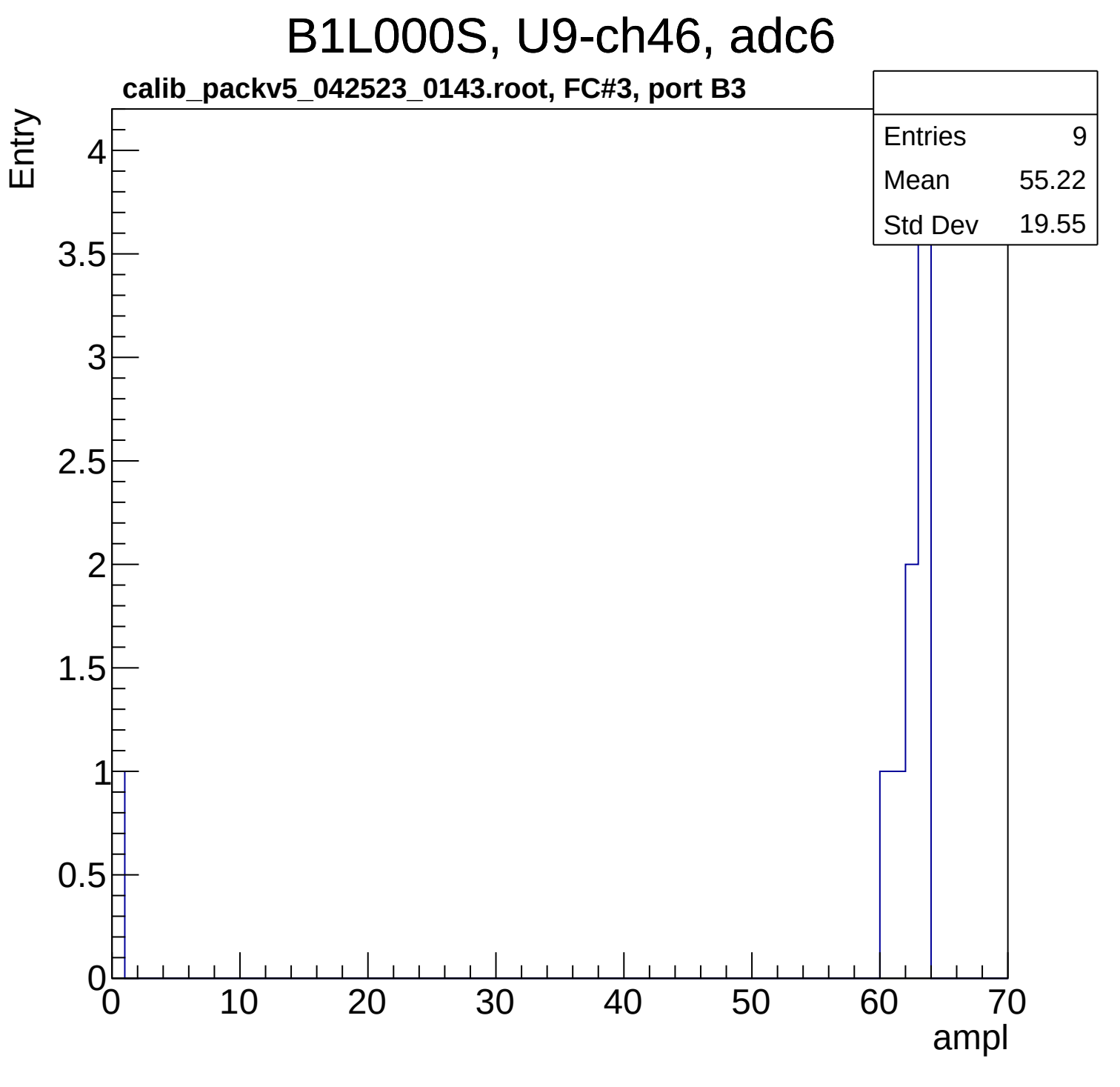
70
ampl


B1L000S, U9-ch46, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.22
Std Dev 19.55
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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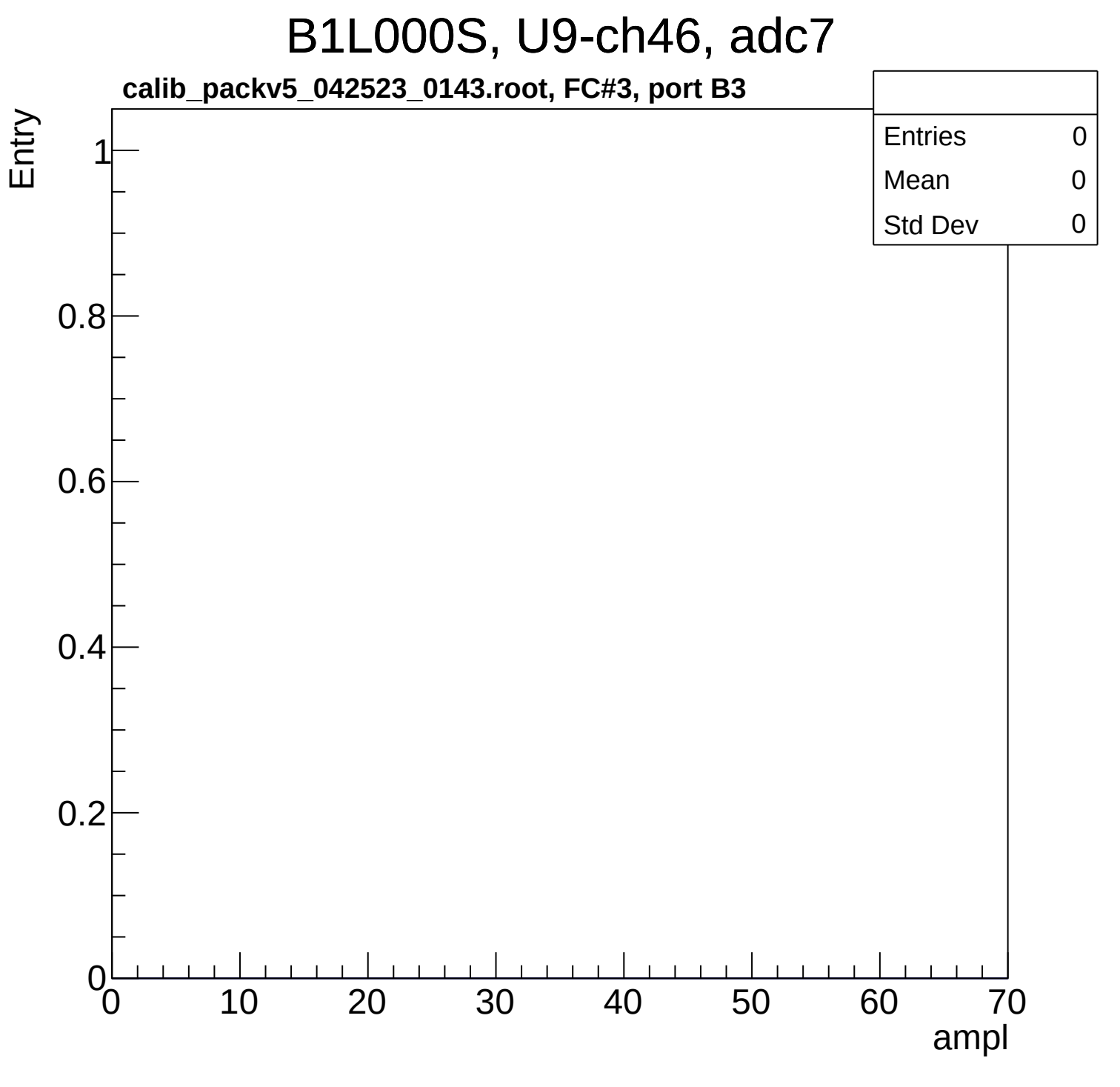
B1L000S, U9-ch46, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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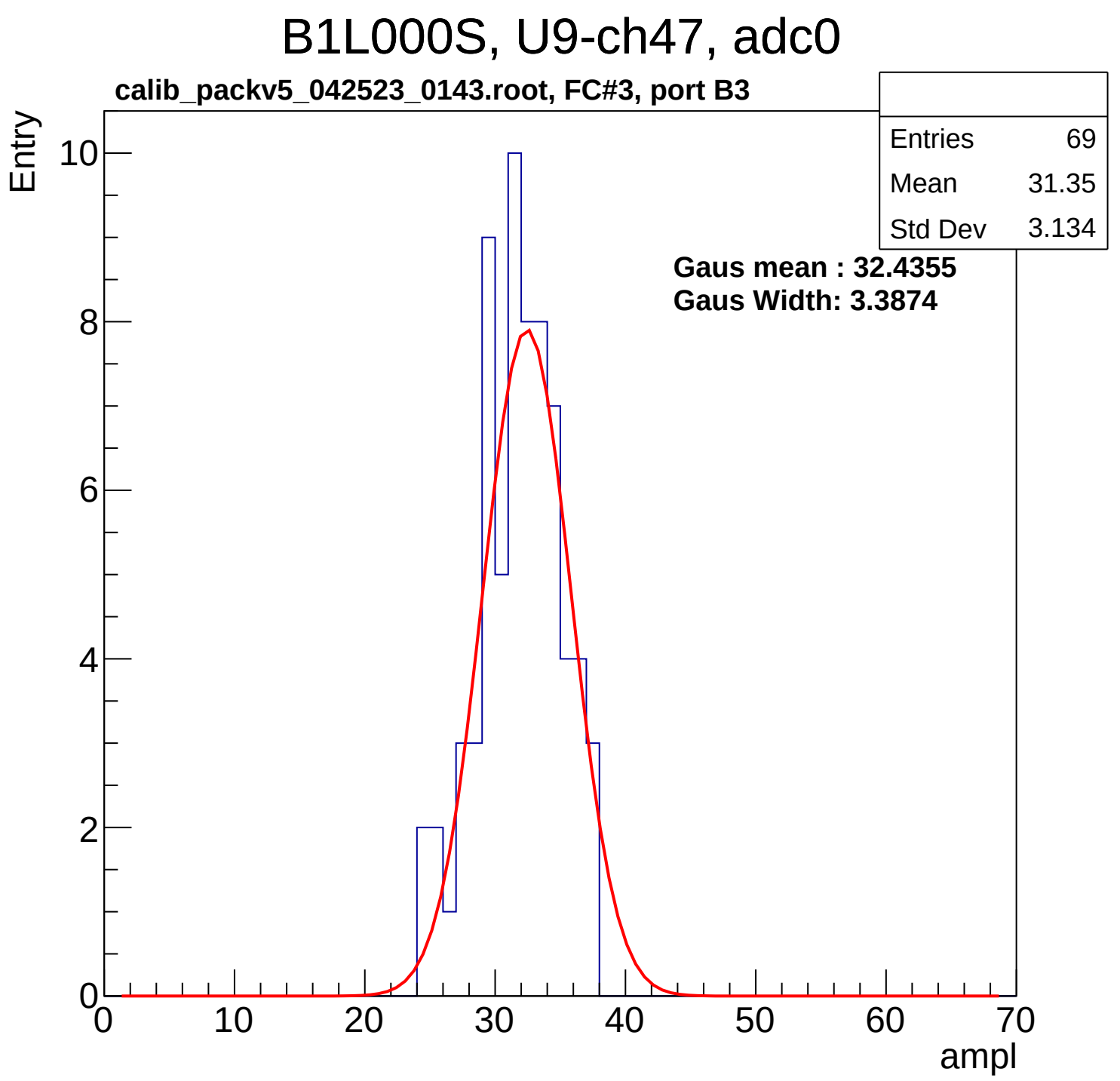
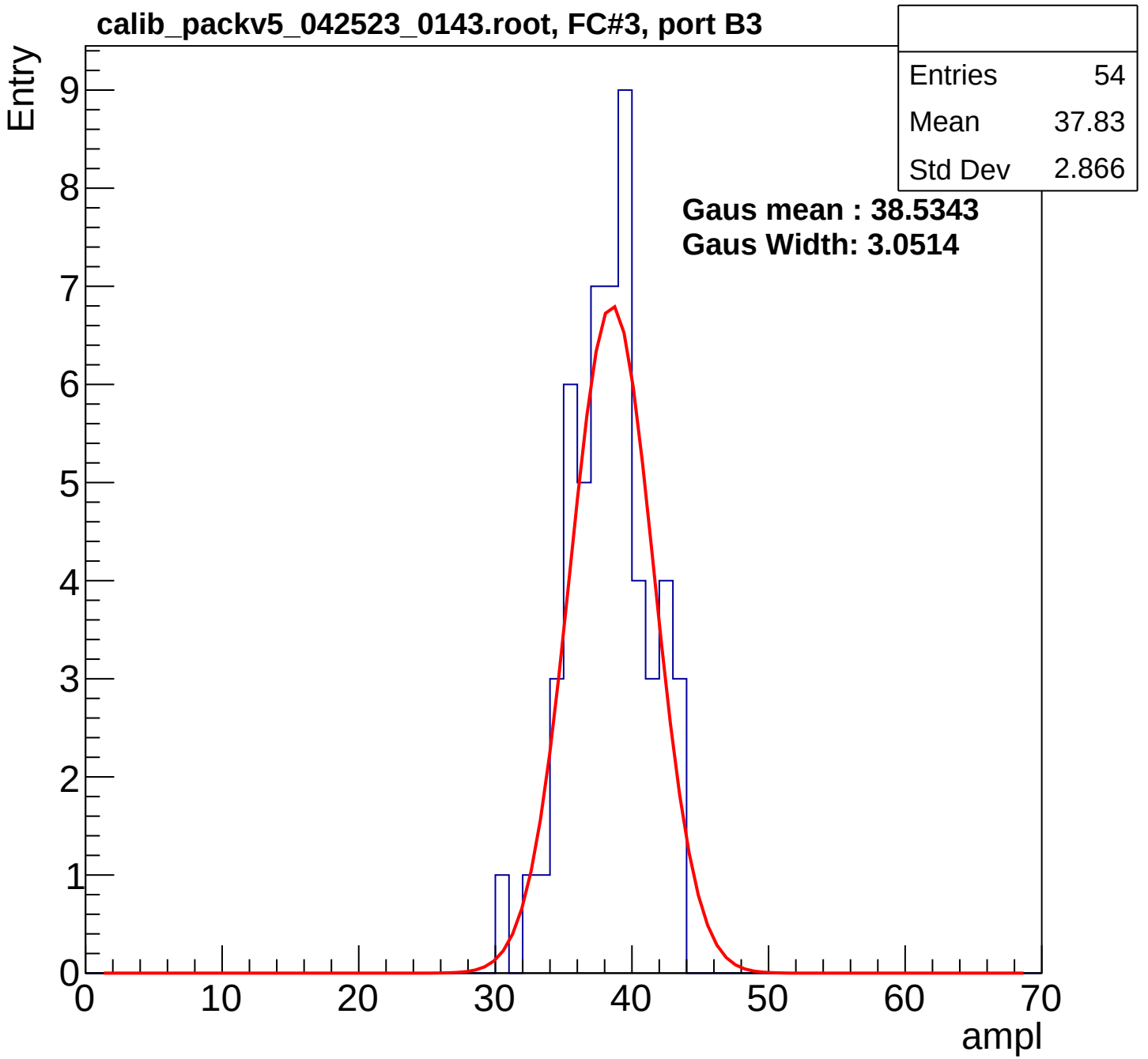
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch47, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 31.35
Std Dev 3.134
Gaus mean : 32.4355
Gaus Width: 3.3874
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch47, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 37.83
Std Dev 2.866
Gaus mean : 38.5343
Gaus Width: 3.0514
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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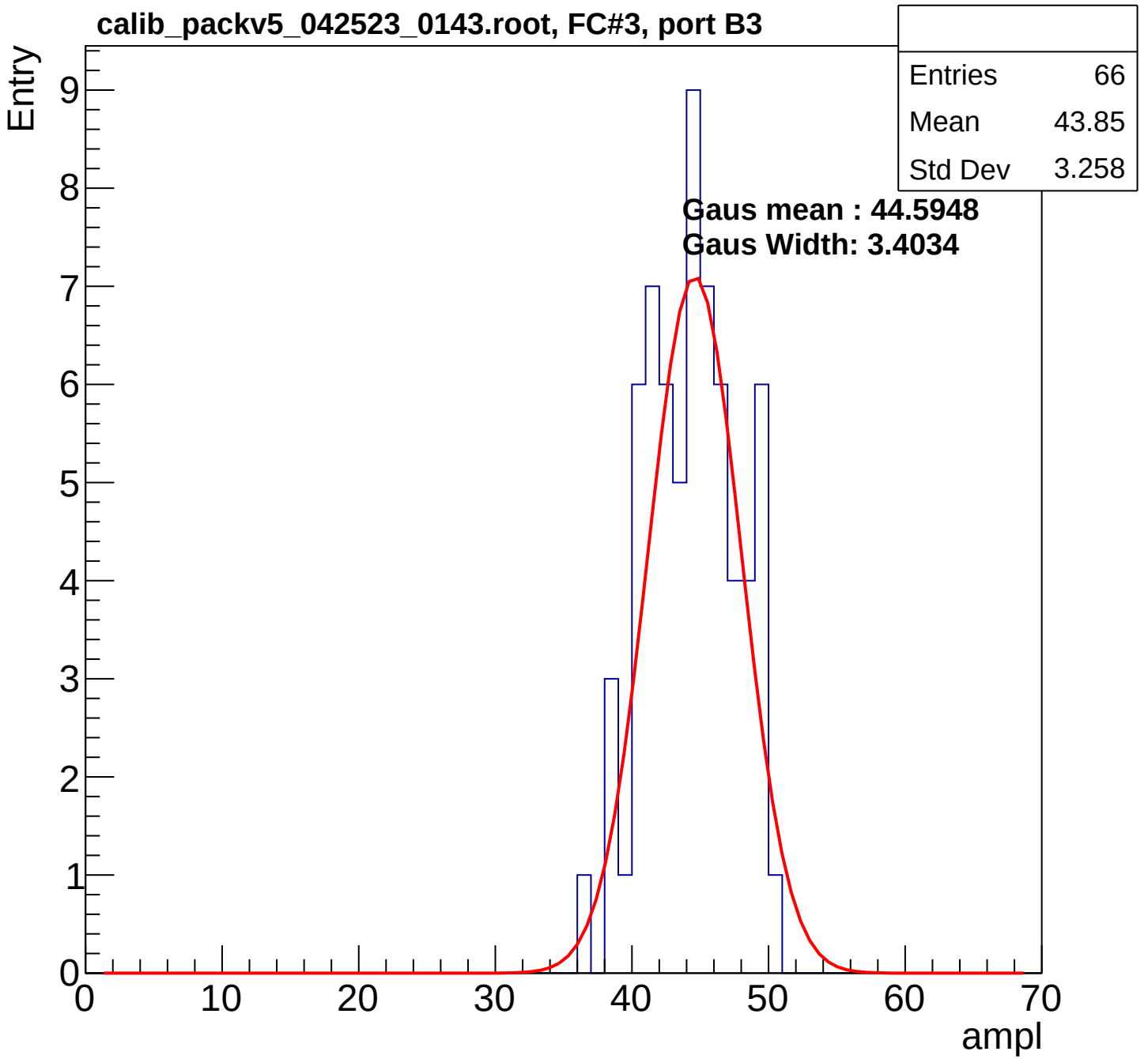
B1L000S, U9-ch47, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.85
Std Dev 3.258
Gaus mean : 44.5948
Gaus Width: 3.4034
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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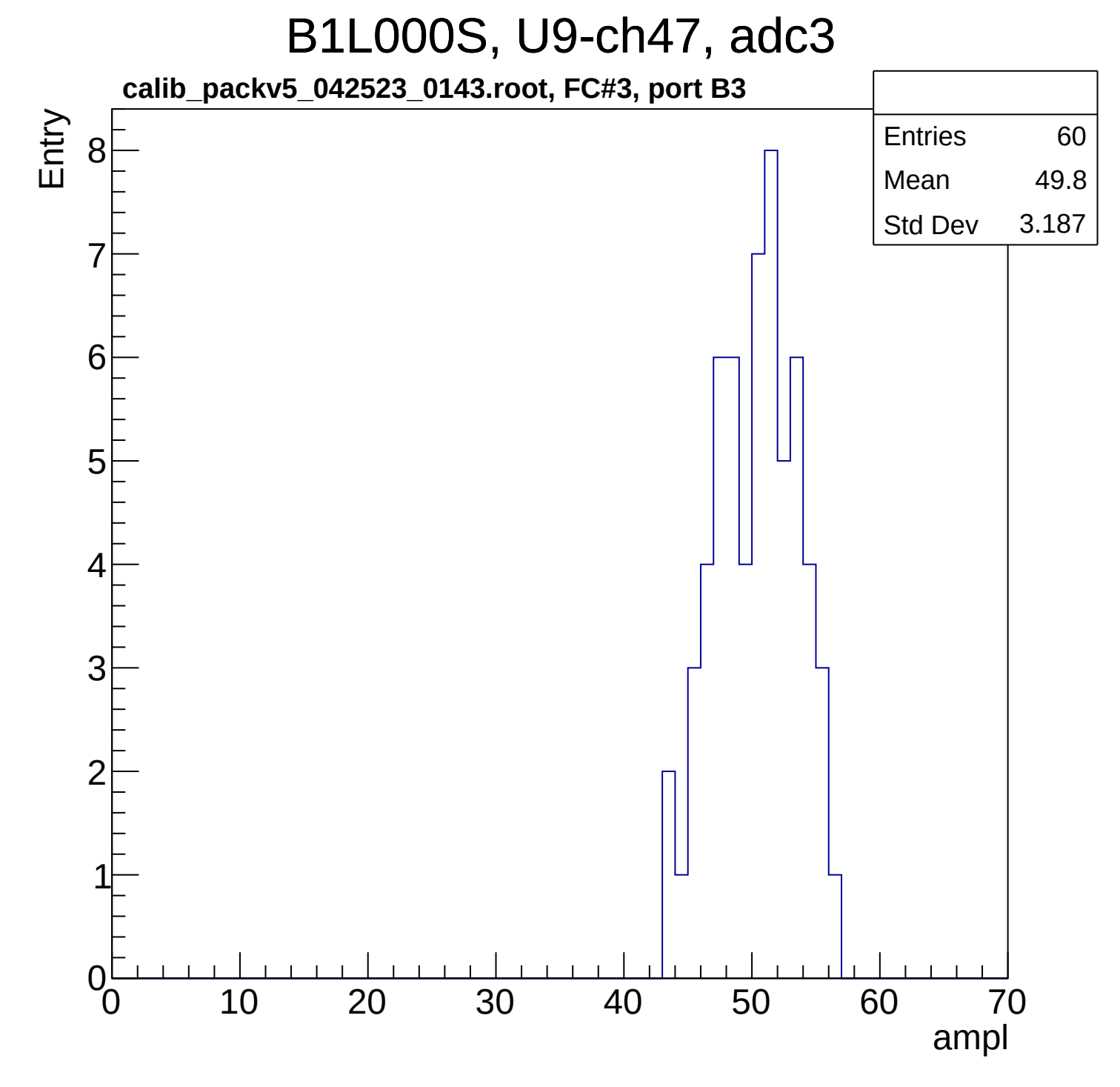
B1L000S, U9-ch47, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 49.8
Std Dev 3.187
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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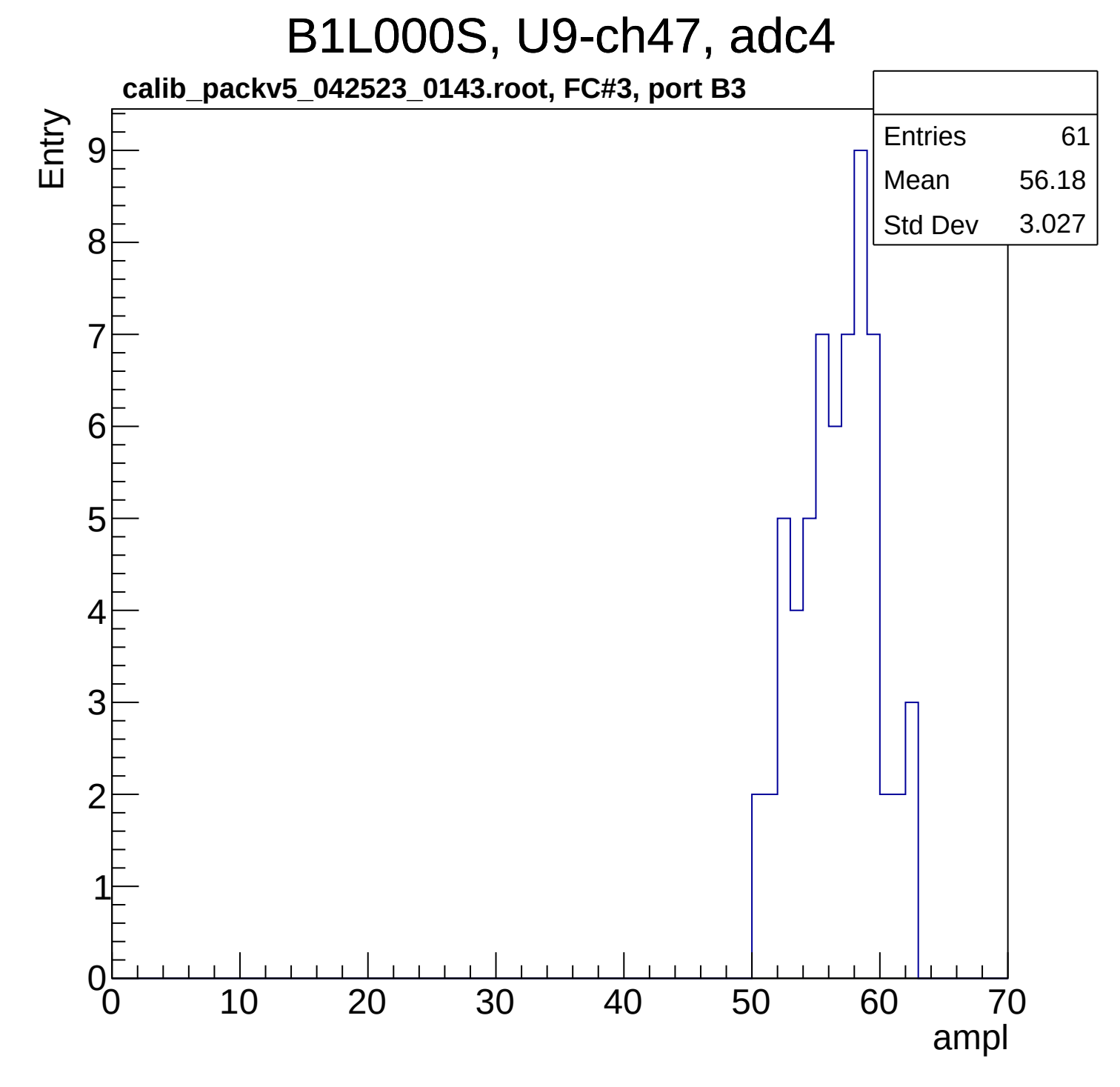
B1L000S, U9-ch47, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 56.18
Std Dev 3.027
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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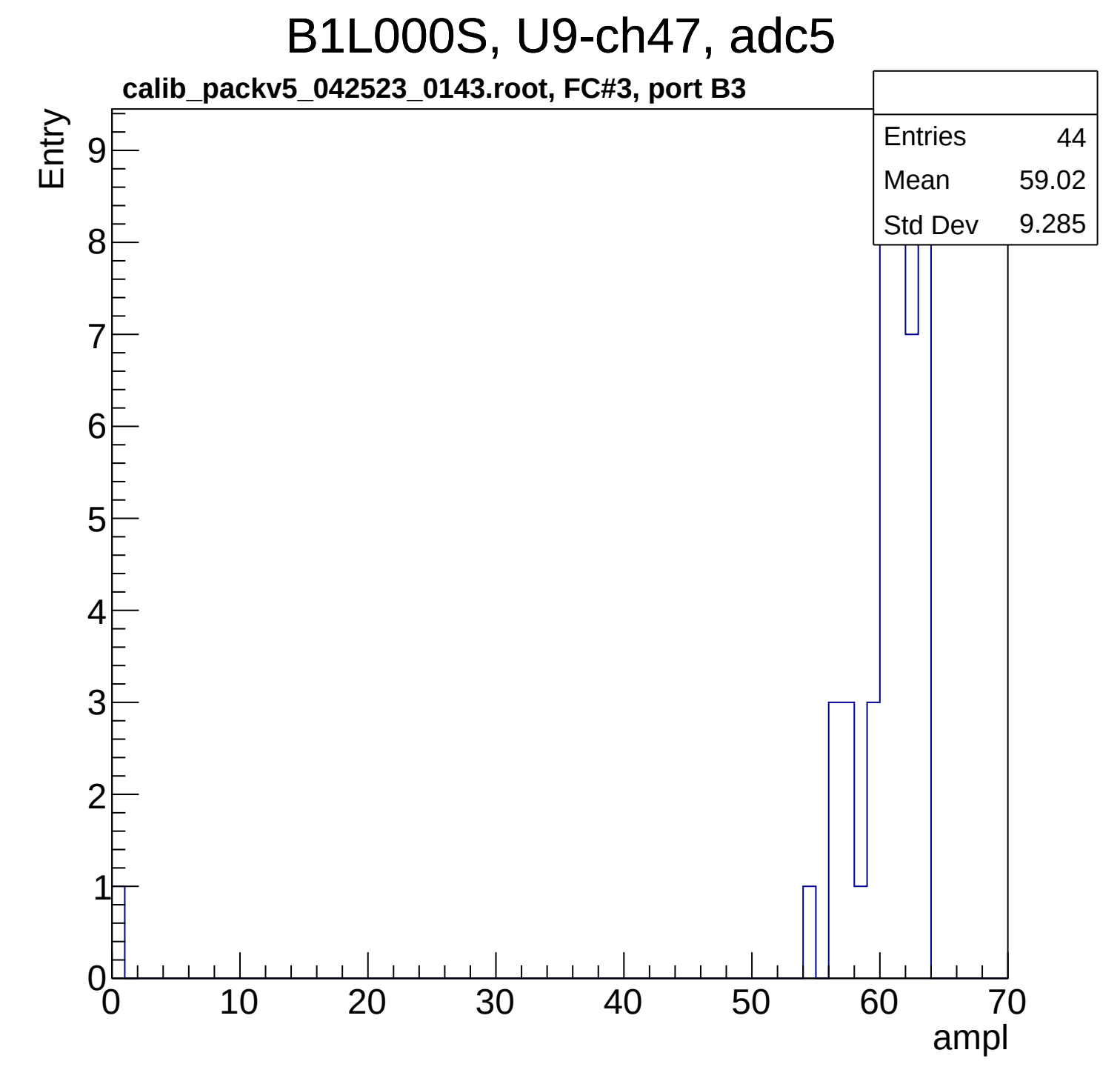
B1L000S, U9-ch47, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 59.02
Std Dev 9.285
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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60
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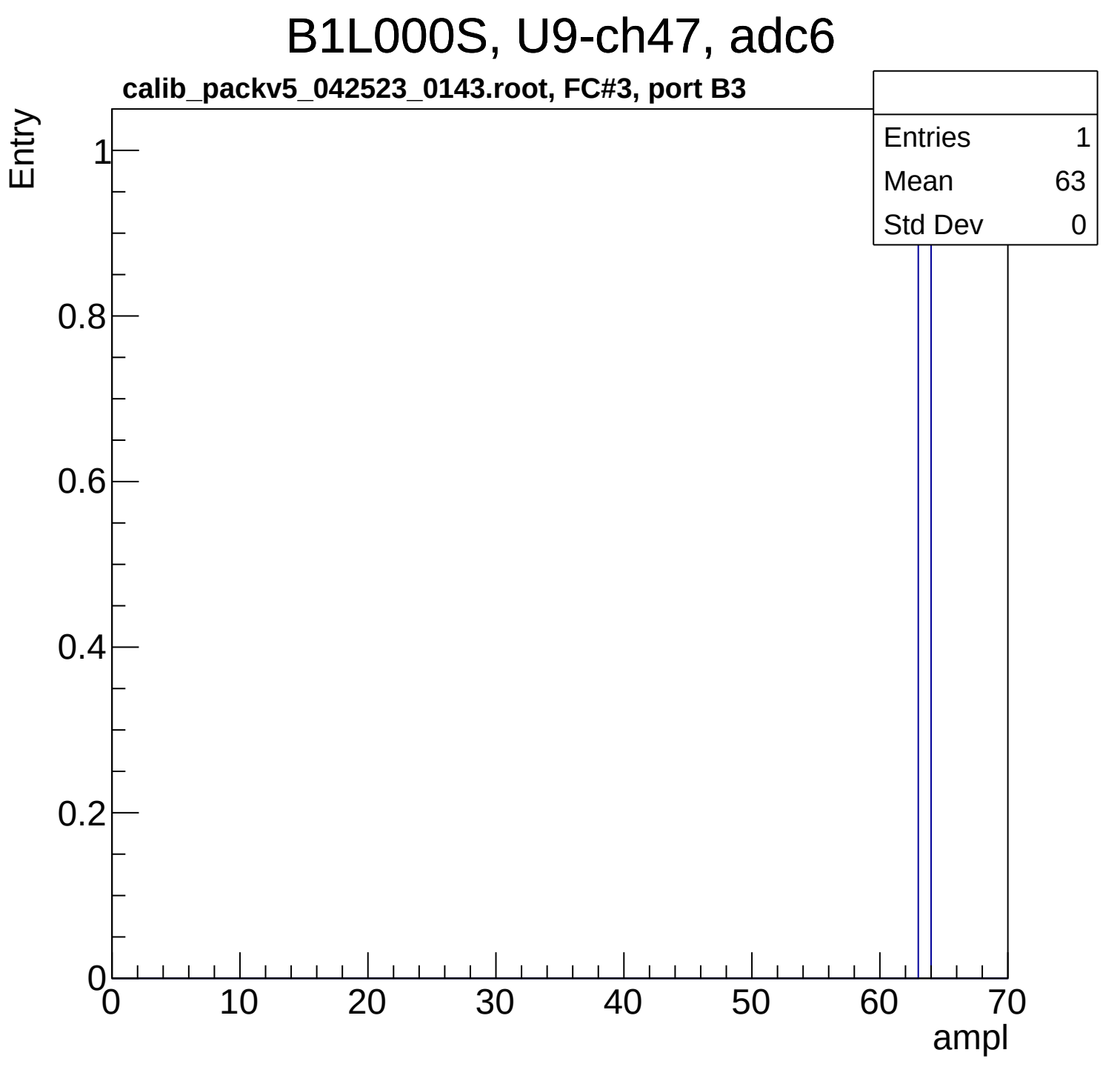
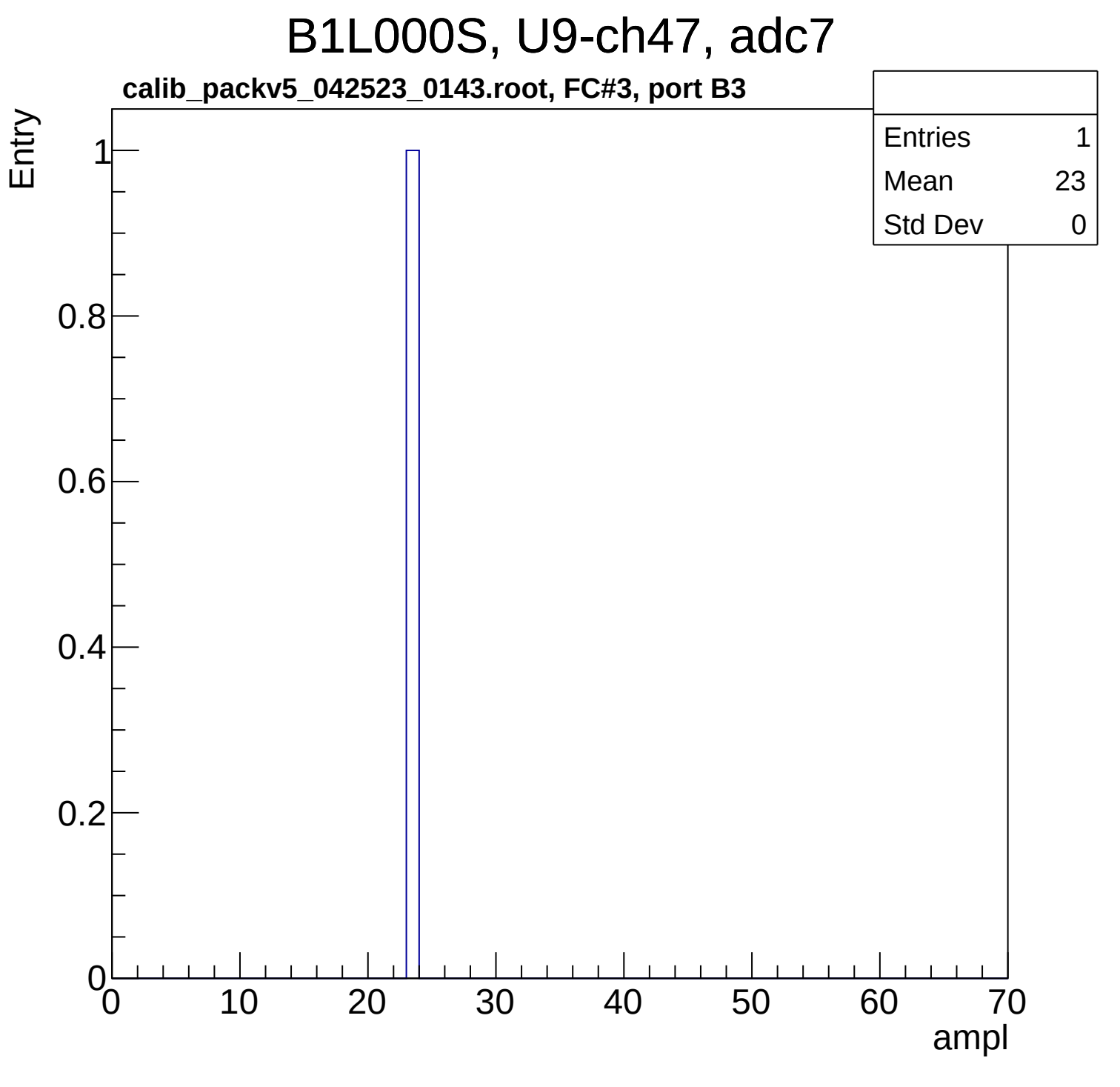

B1L000S, U9-ch47, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch47, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
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0.6
0.4
0.2
0
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10
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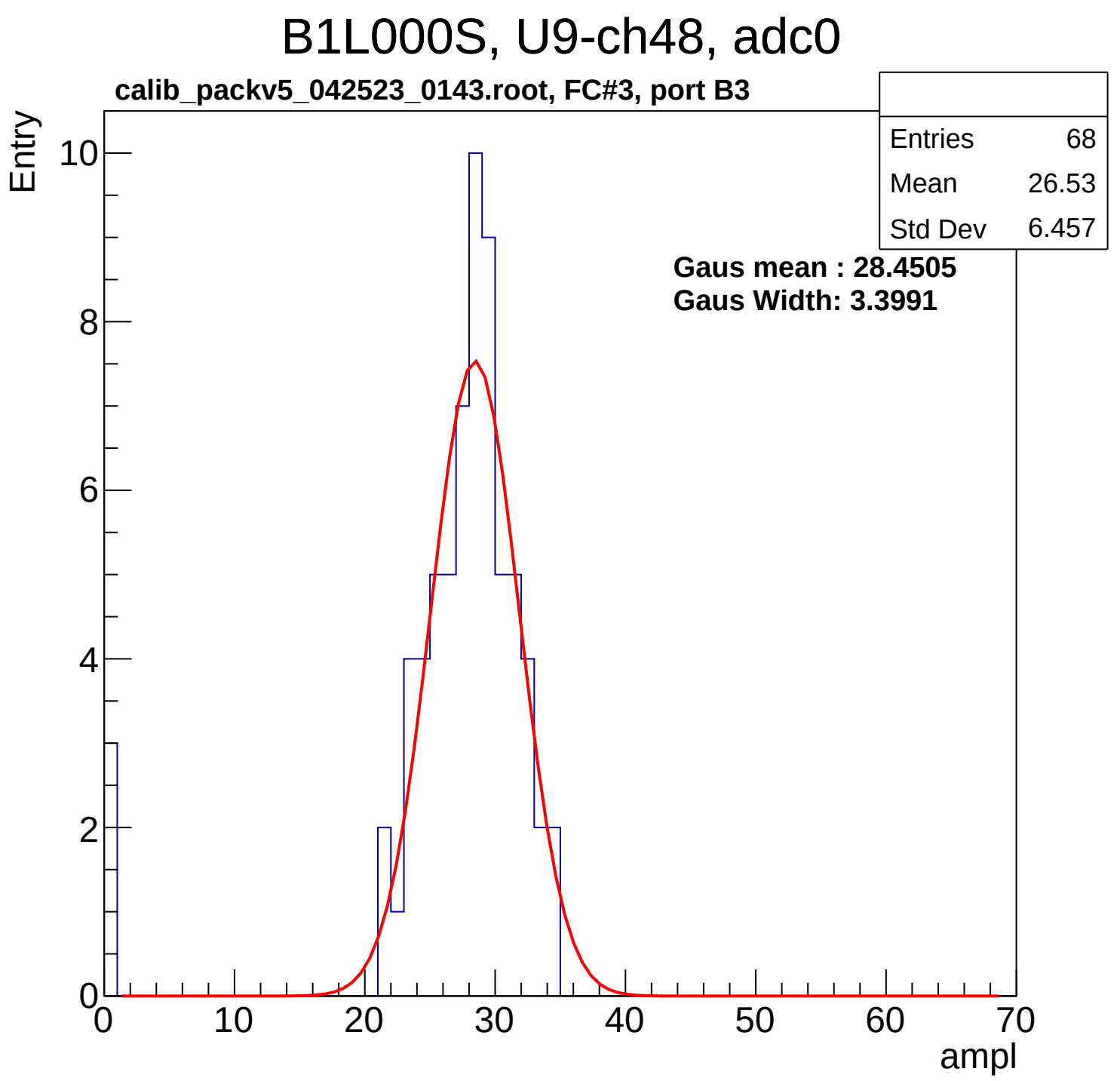
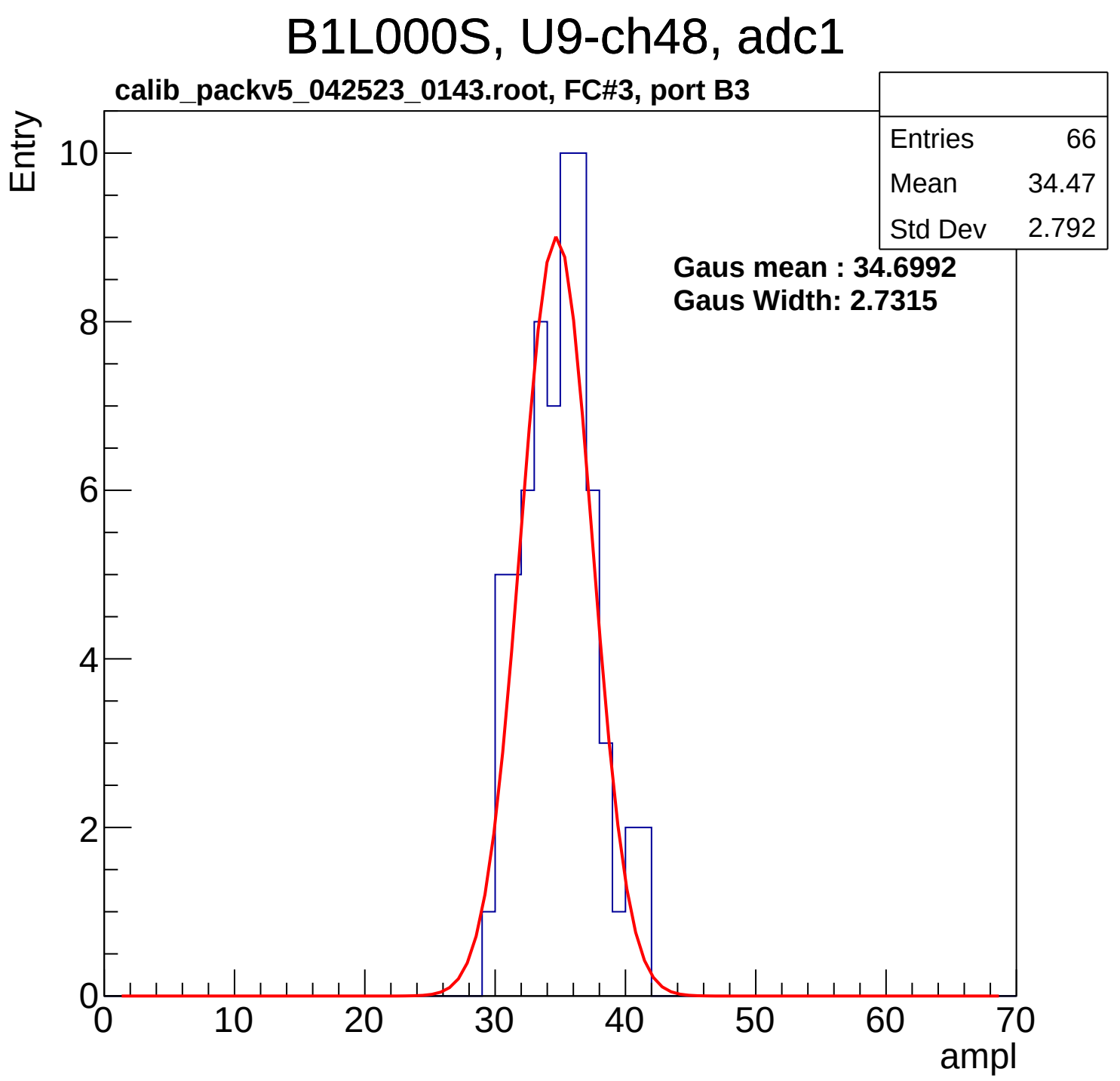
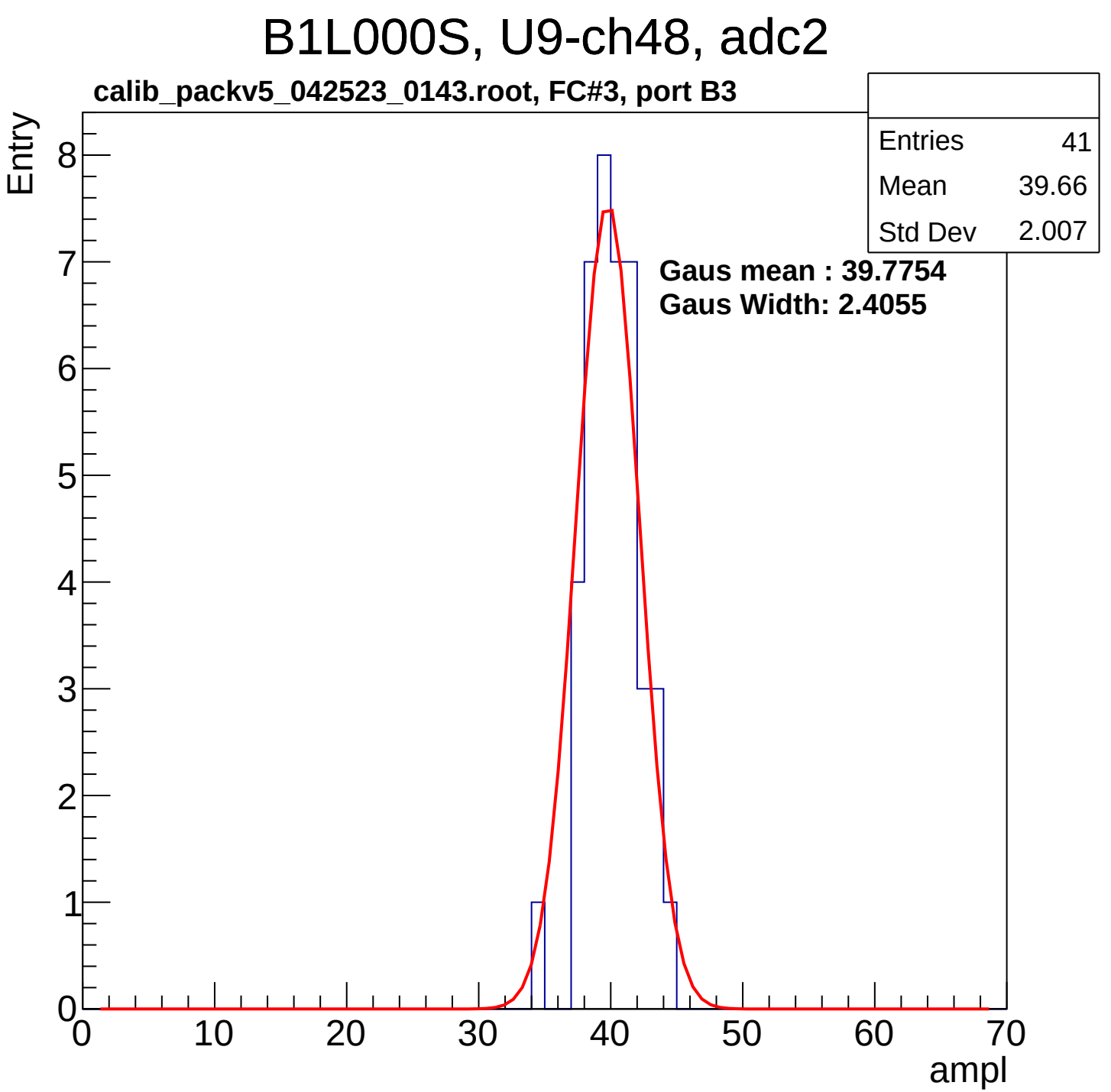
50
60
70
ampl


B1L000S, U9-ch48, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 26.53
Std Dev 6.457
Gaus mean : 28.4505
Gaus Width: 3.3991
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch48, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 34.47
Std Dev 2.792
Gaus mean : 34.6992
Gaus Width: 2.7315
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch48, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 39.66
Std Dev 2.007
Gaus mean : 39.7754
Gaus Width: 2.4055
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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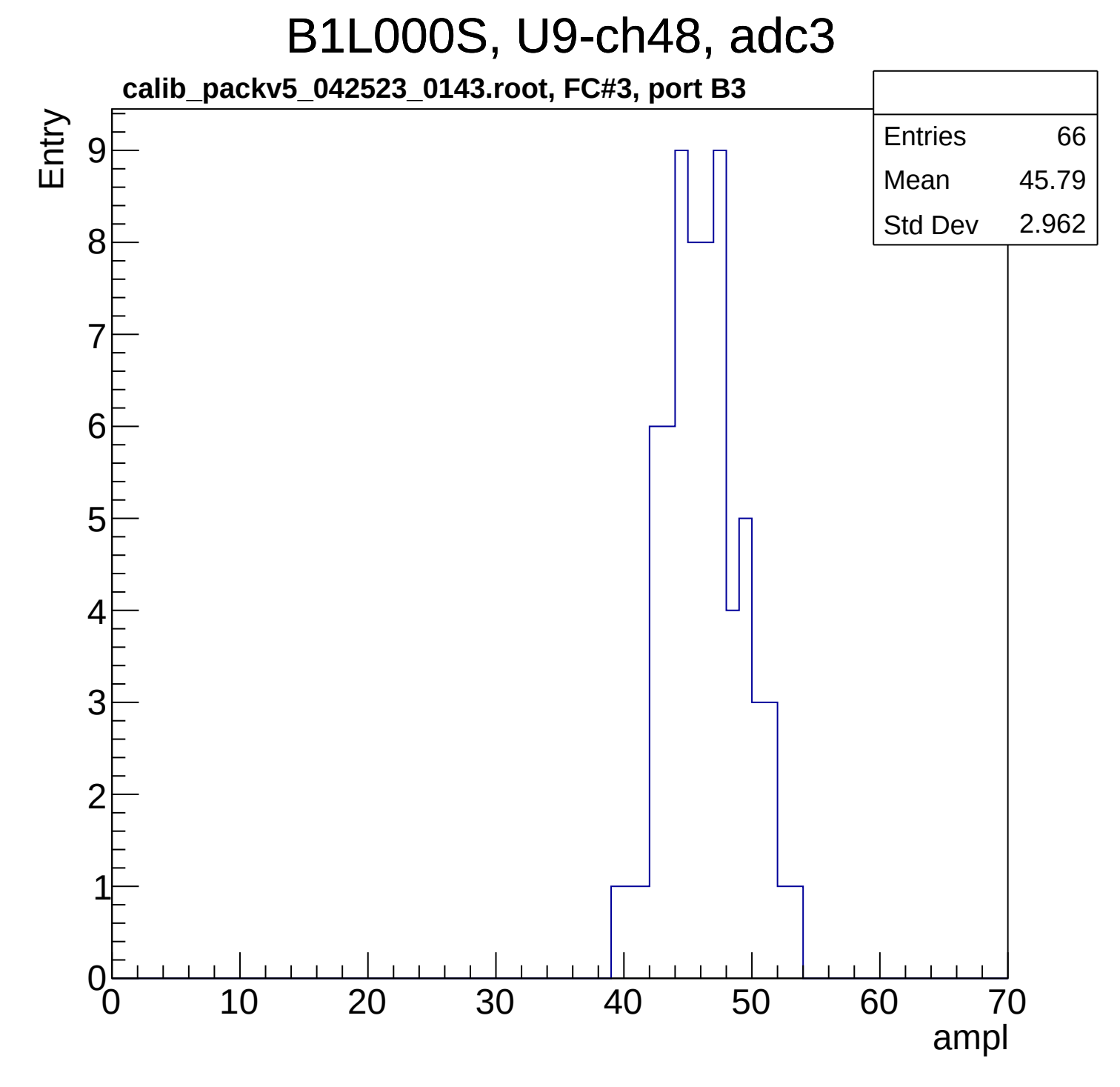
B1L000S, U9-ch48, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 45.79
Std Dev 2.962
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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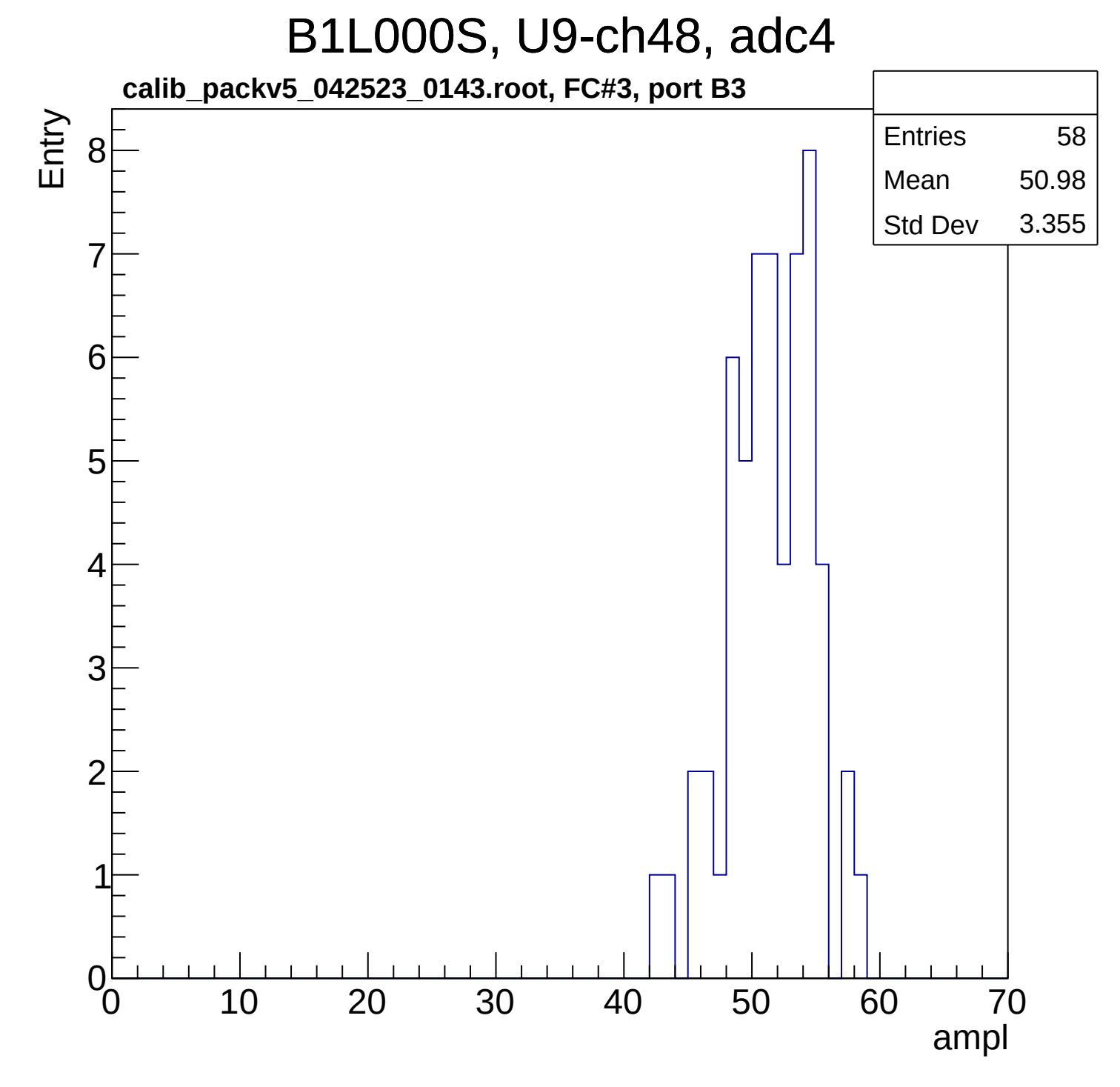
B1L000S, U9-ch48, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 50.98
Std Dev 3.355
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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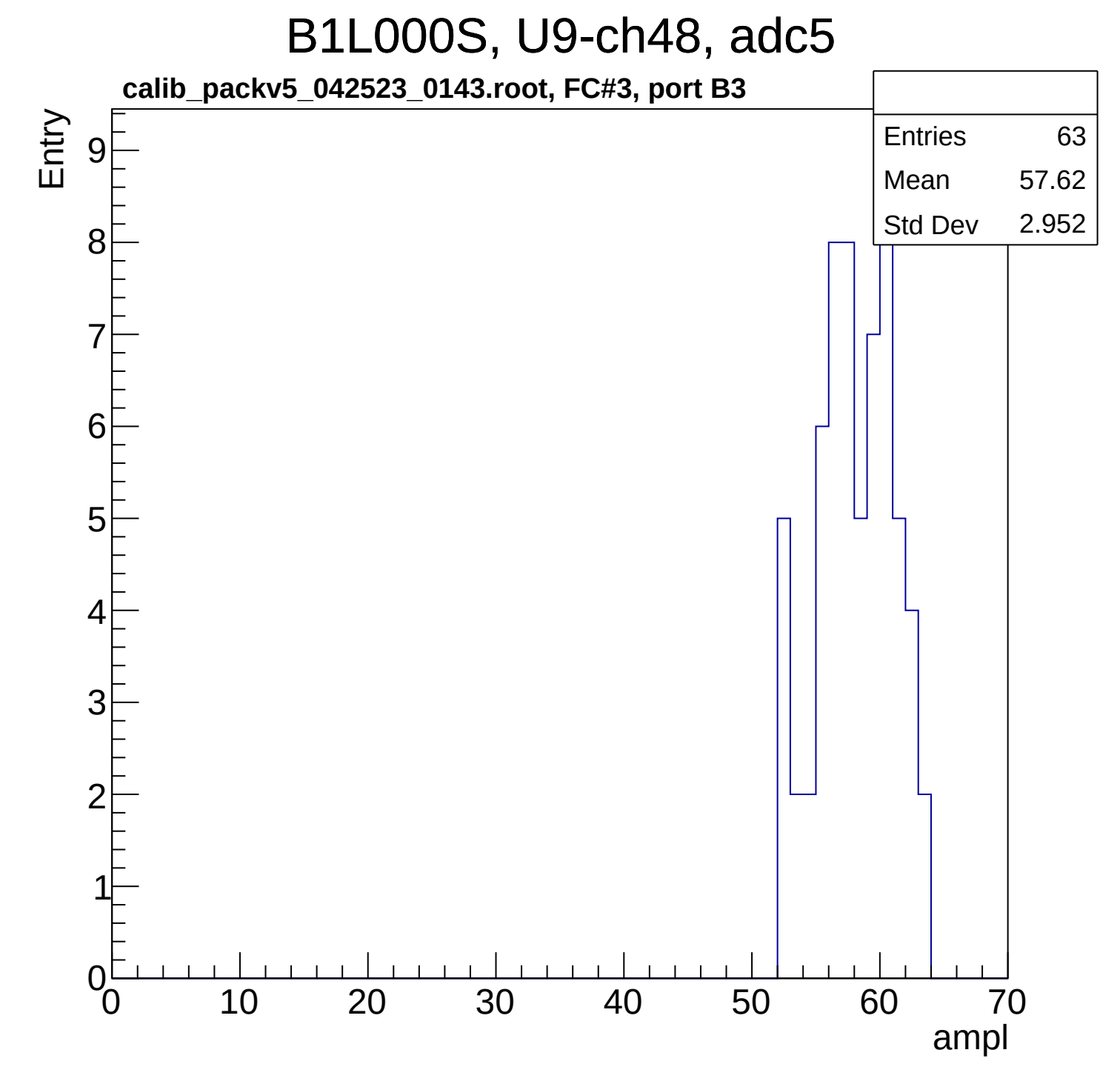
B1L000S, U9-ch48, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.62
Std Dev 2.952
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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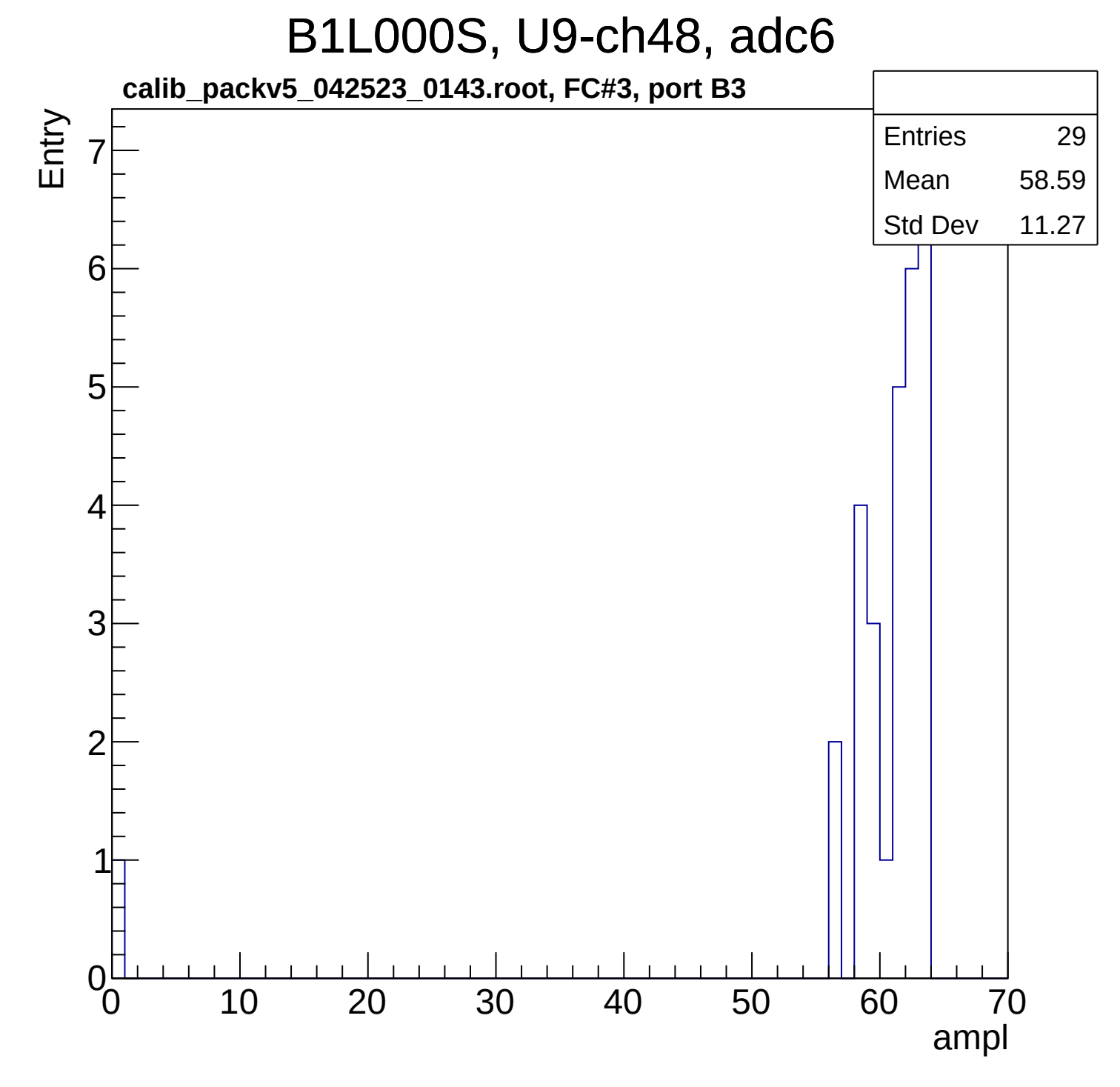
B1L000S, U9-ch48, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 29
Mean 58.59
Std Dev 11.27
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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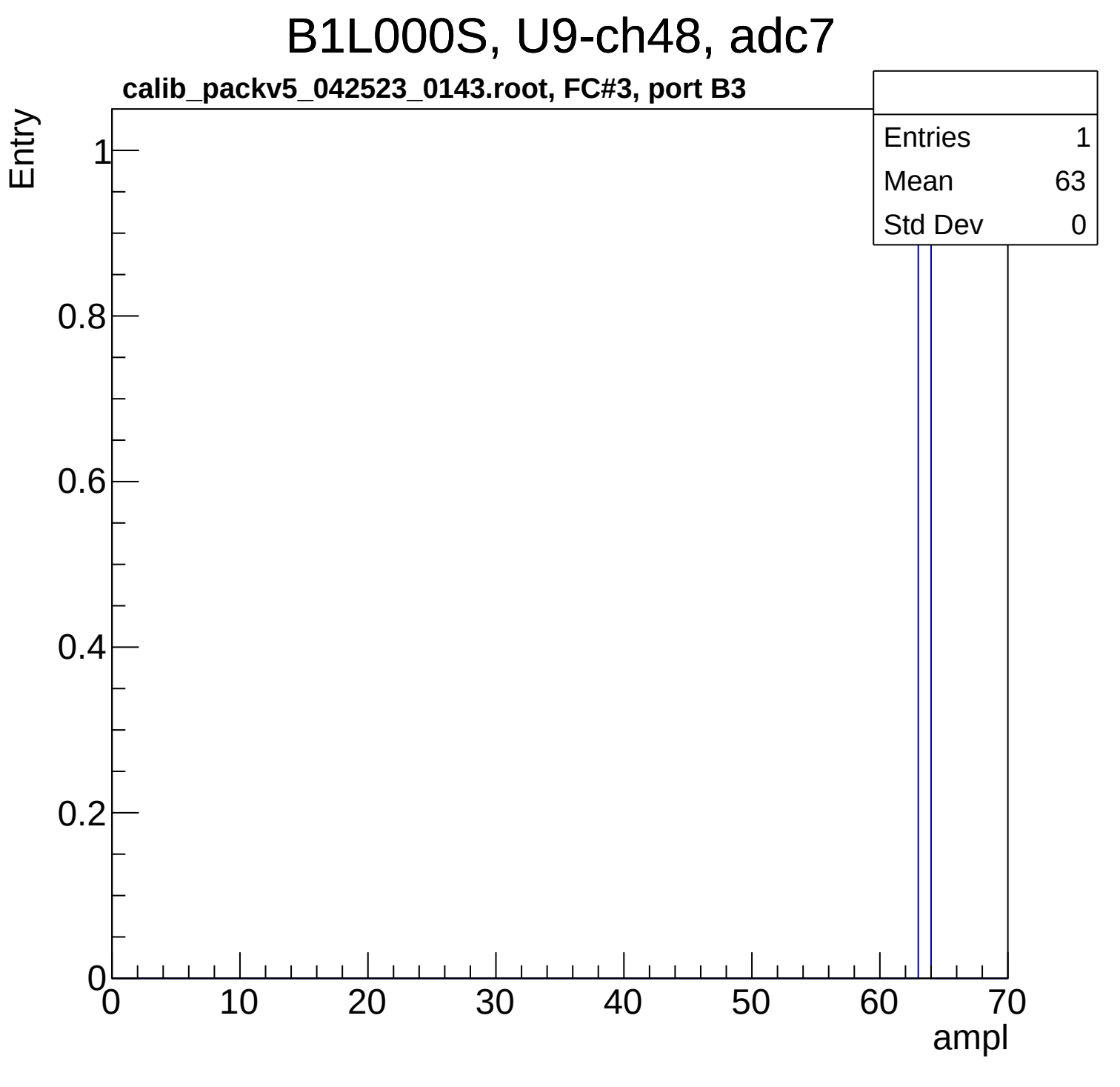
B1L000S, U9-ch48, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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0.6
0.4
0.2
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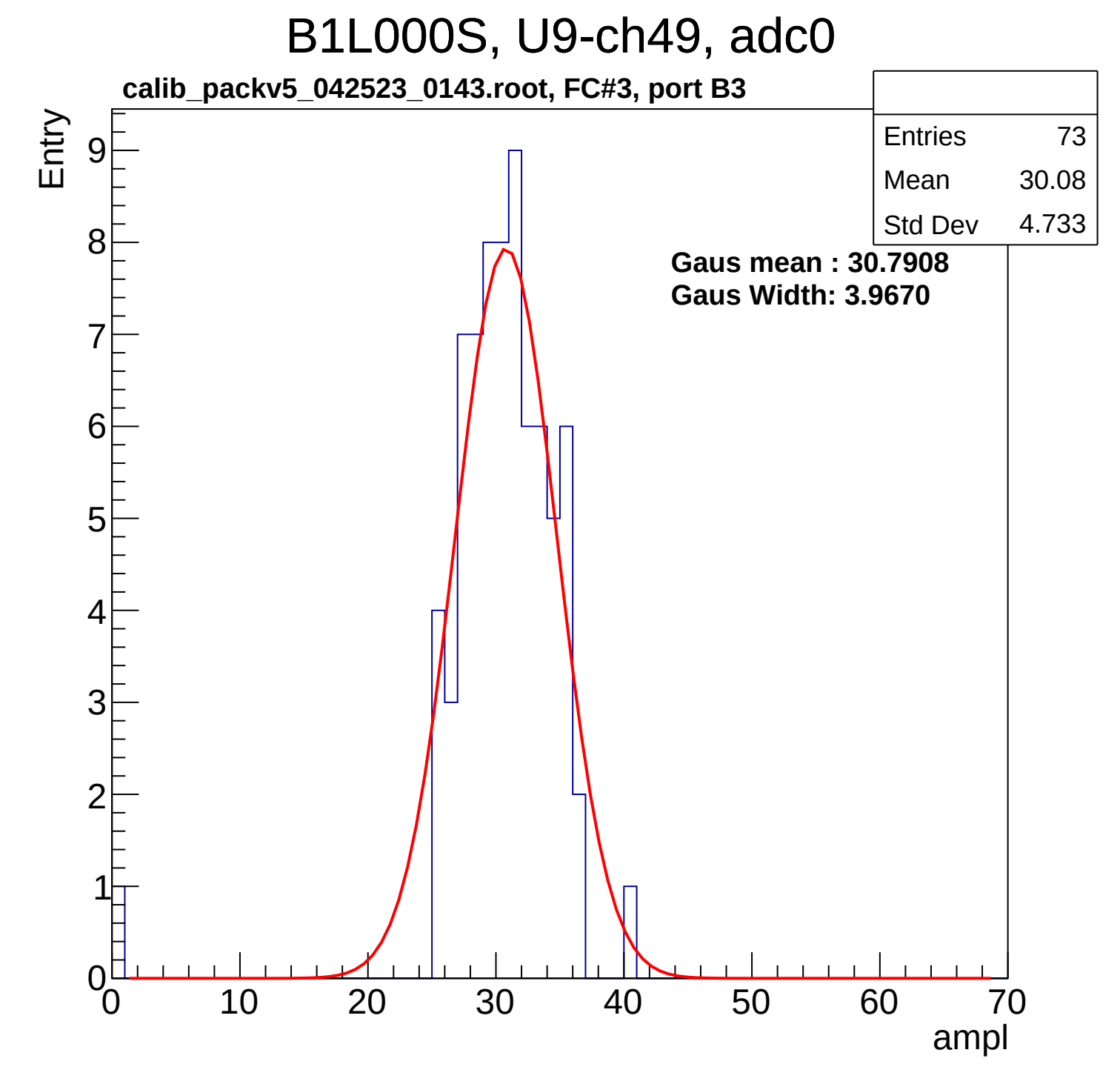
60
70
ampl


B1L000S, U9-ch49, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 30.08
Std Dev 4.733
Gaus mean : 30.7908
Gaus Width: 3.9670
Entry
ampl
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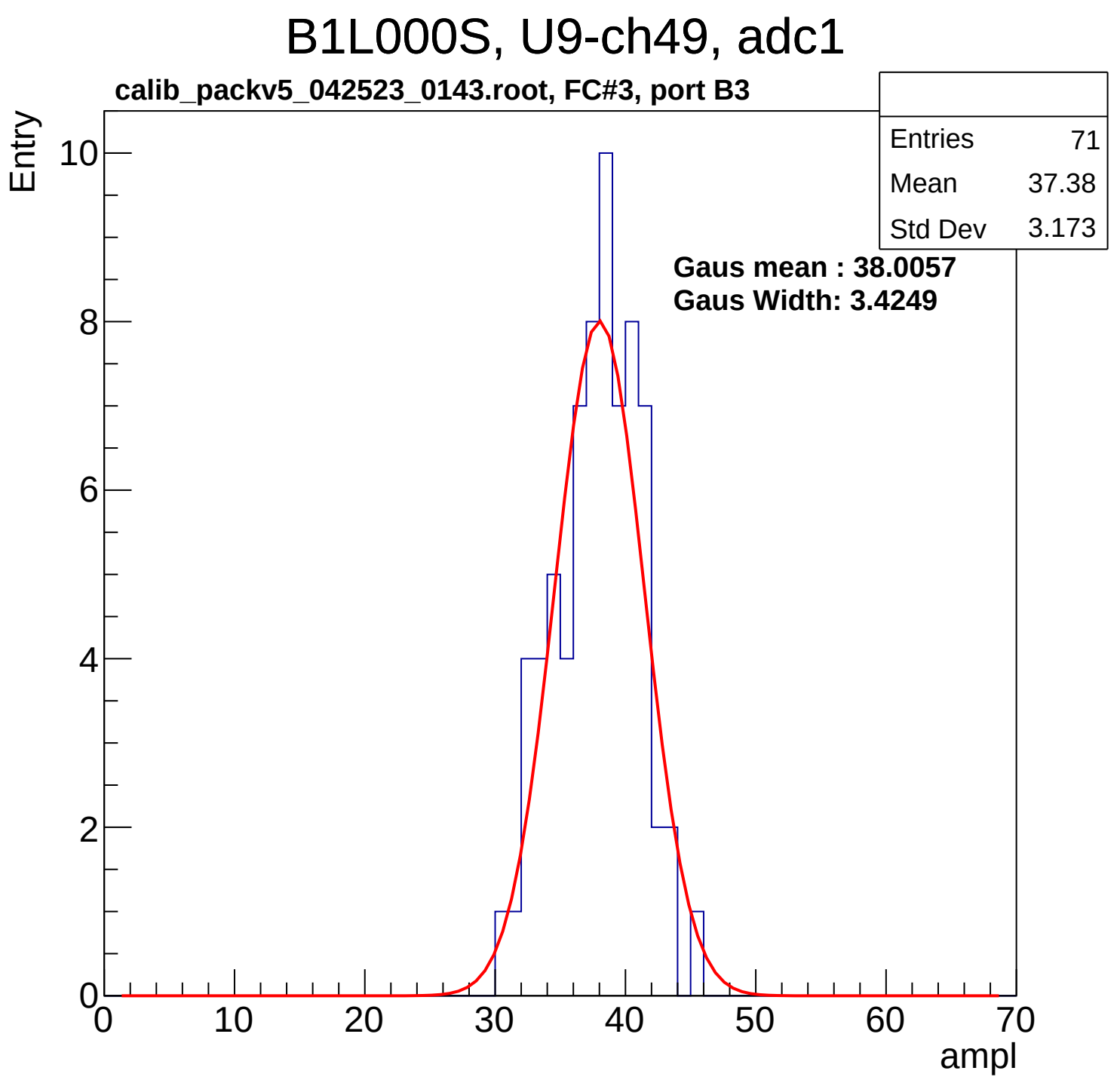
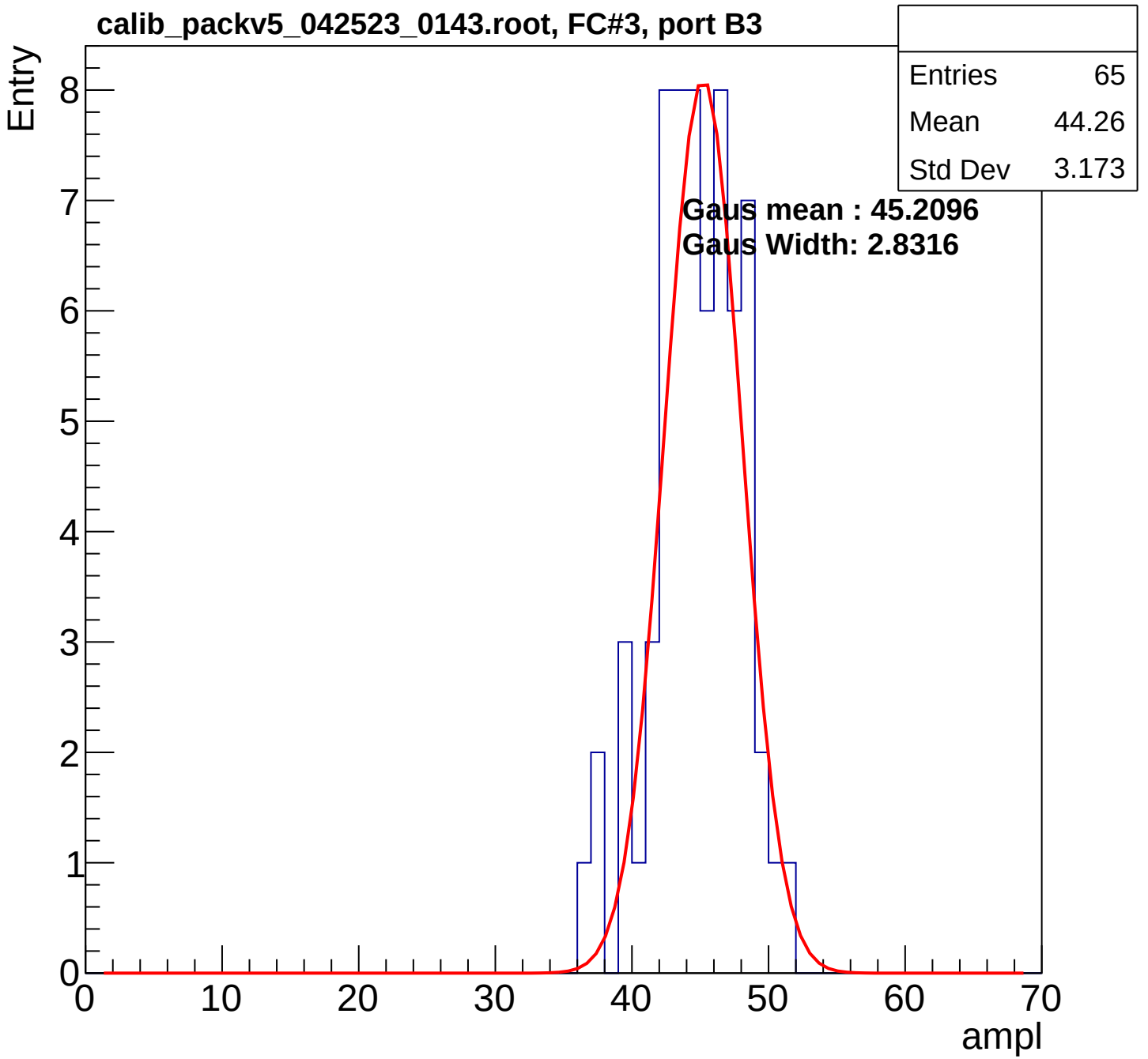
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch49, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 37.38
Std Dev 3.173
Gaus mean : 38.0057
Gaus Width: 3.4249
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch49, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 44.26
Std Dev 3.173
Gaus mean : 45.2096
Gaus Width: 2.8316
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
50
60
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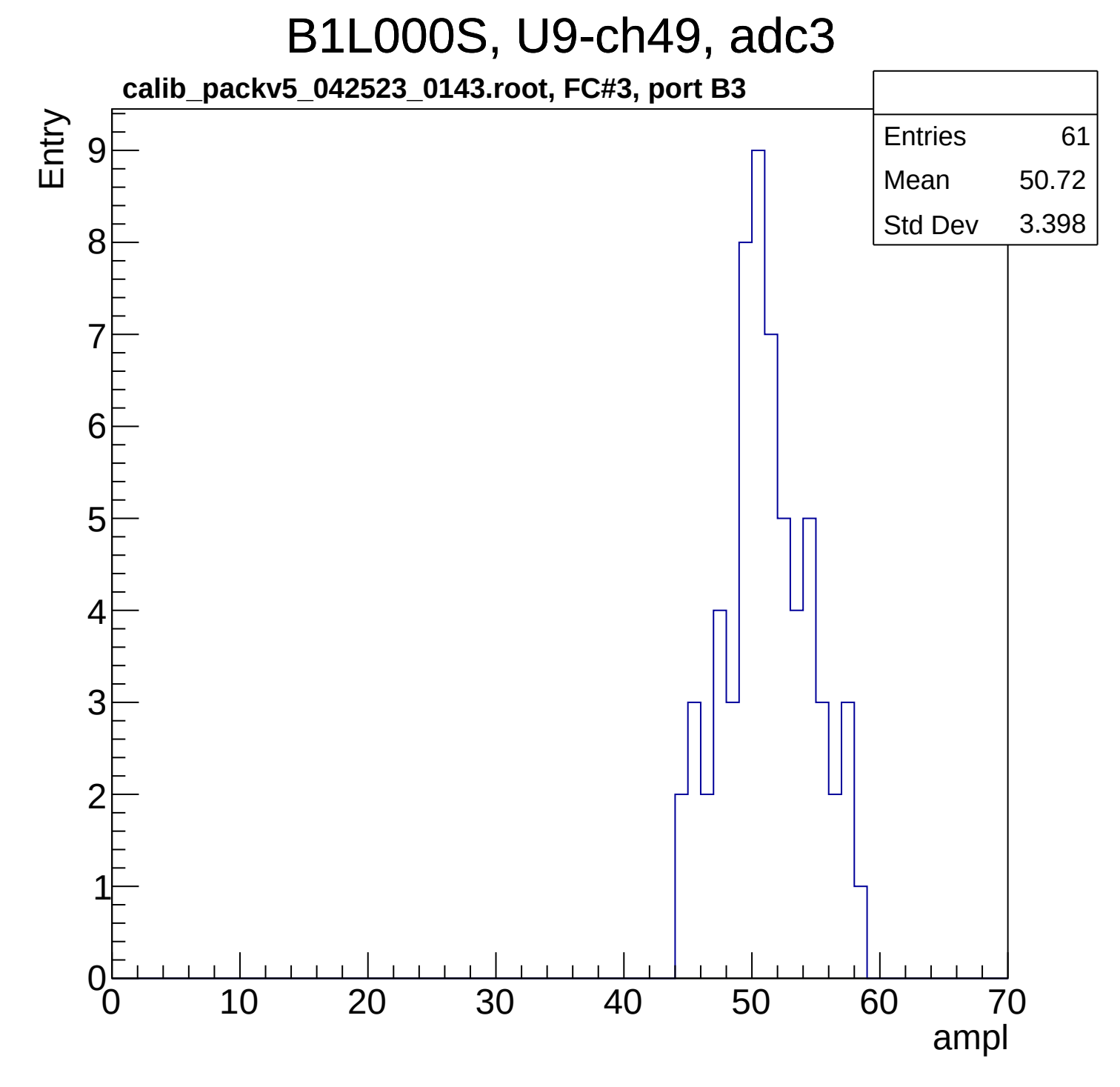
B1L000S, U9-ch49, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 50.72
Std Dev 3.398
Entry
ampl
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7
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0
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60
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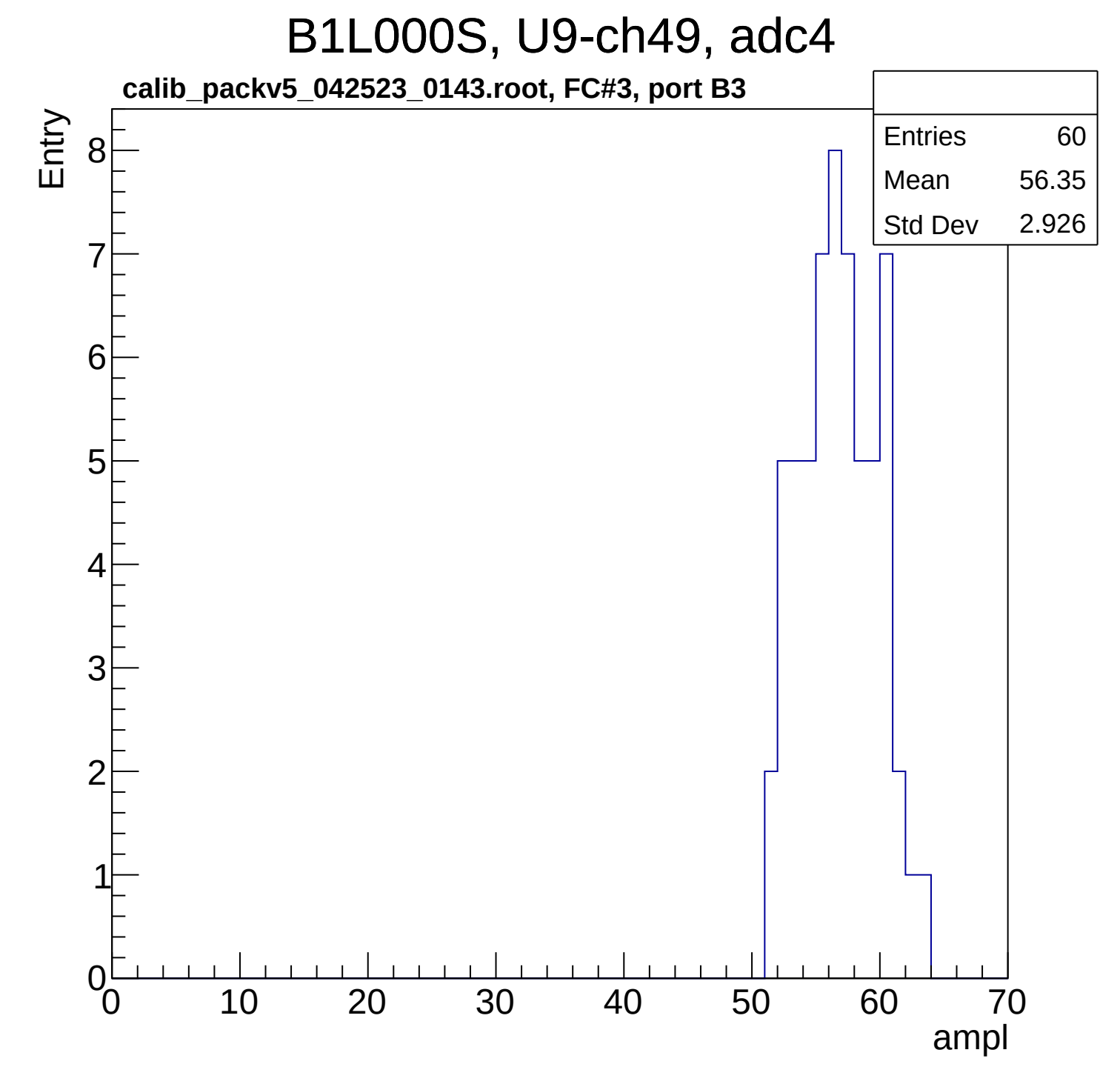
B1L000S, U9-ch49, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 56.35
Std Dev 2.926
Entry
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2
3
4
5
6
7
8
0
10
20
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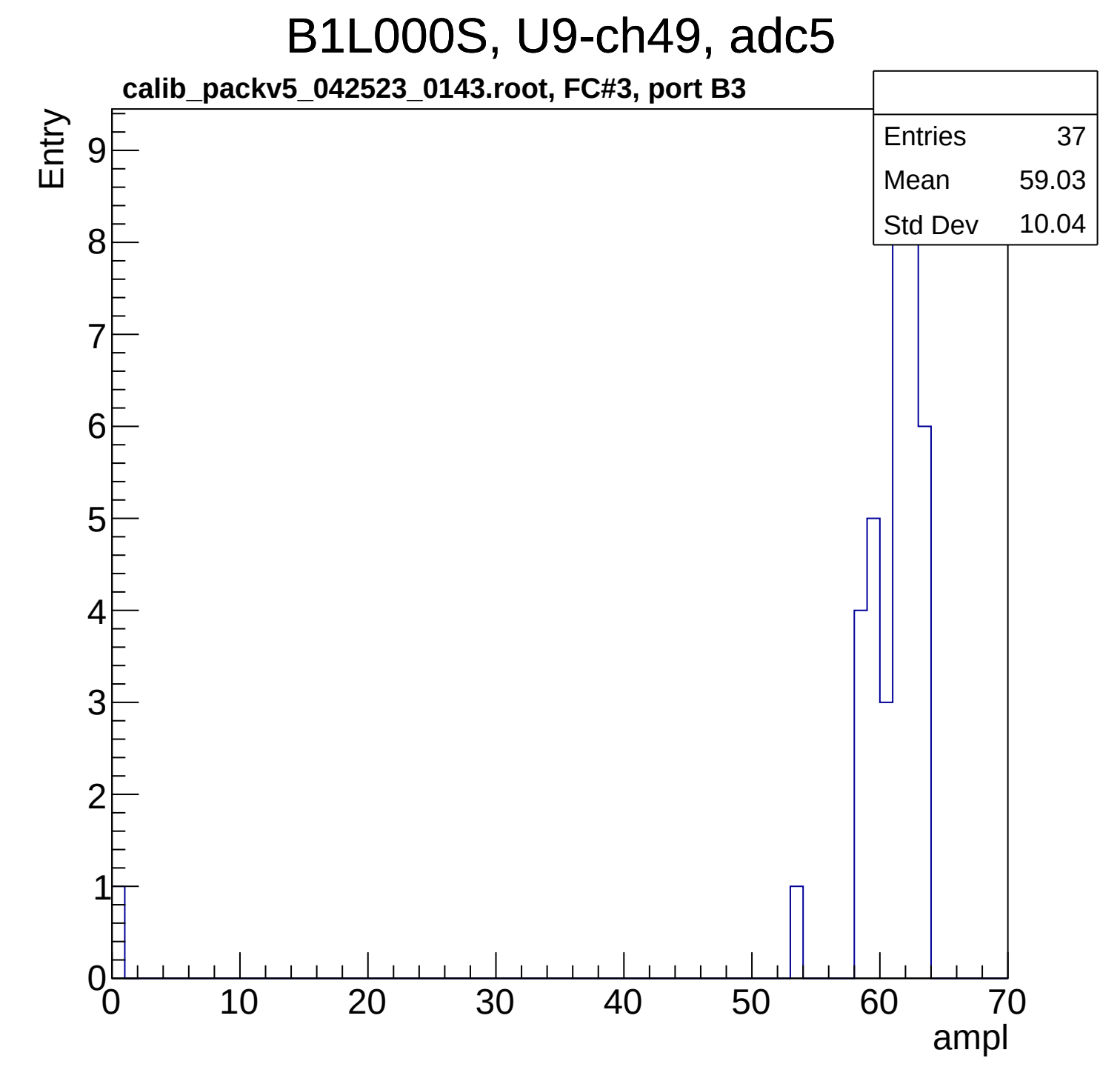
50
60
70
ampl


B1L000S, U9-ch49, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 37
Mean 59.03
Std Dev 10.04
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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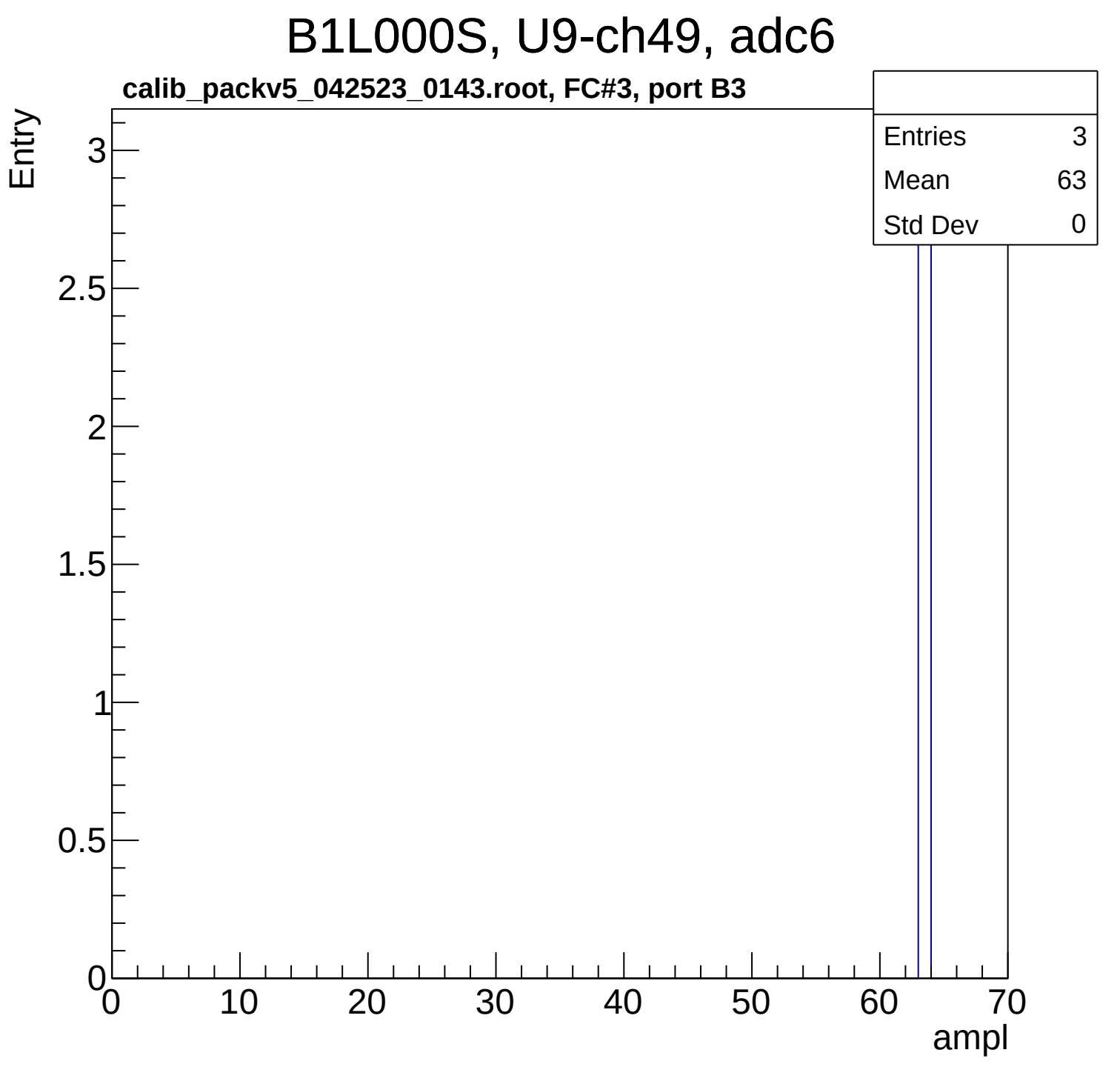
B1L000S, U9-ch49, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 63
Std Dev 0
Entry
ampl
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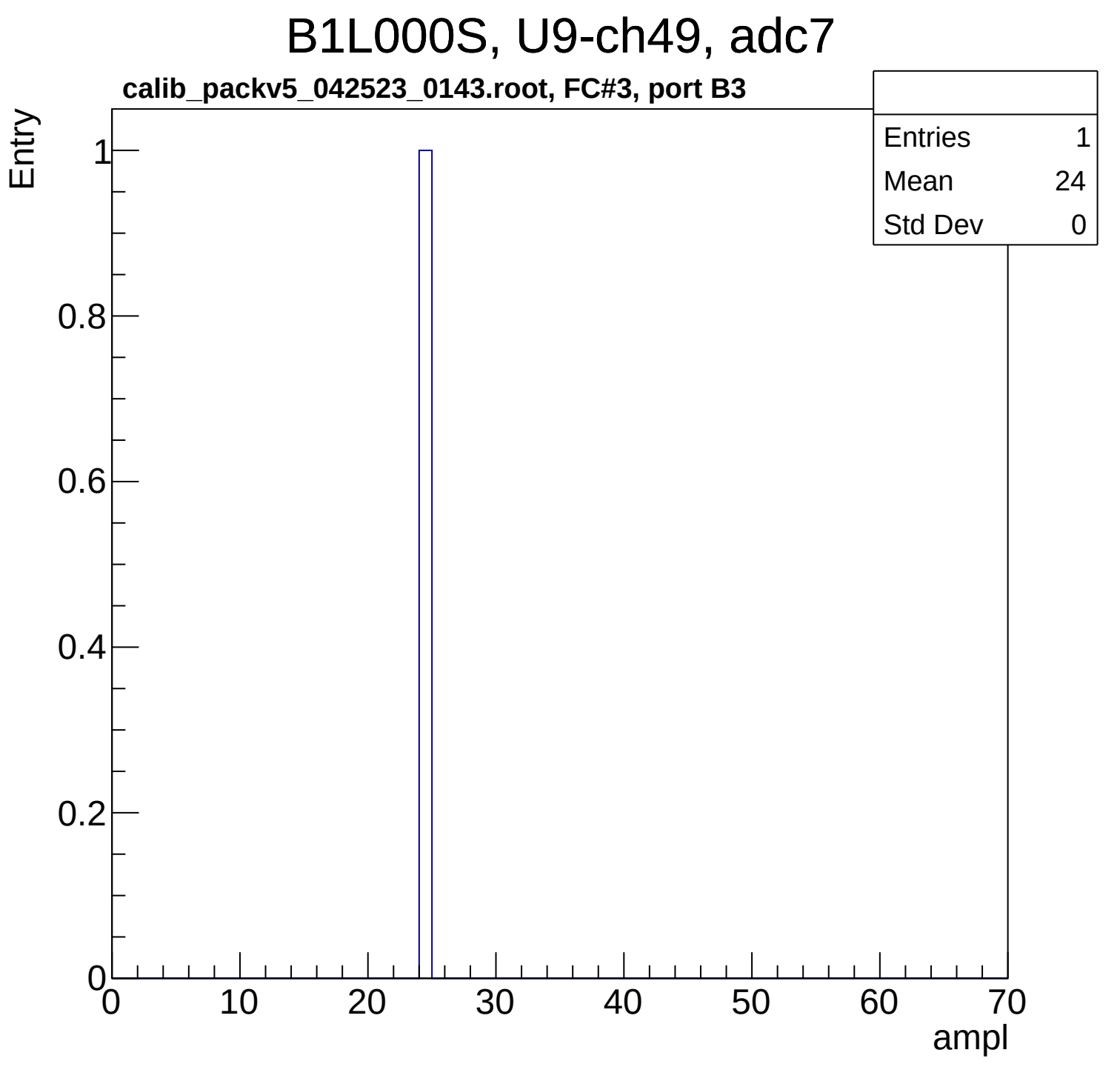
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch49, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
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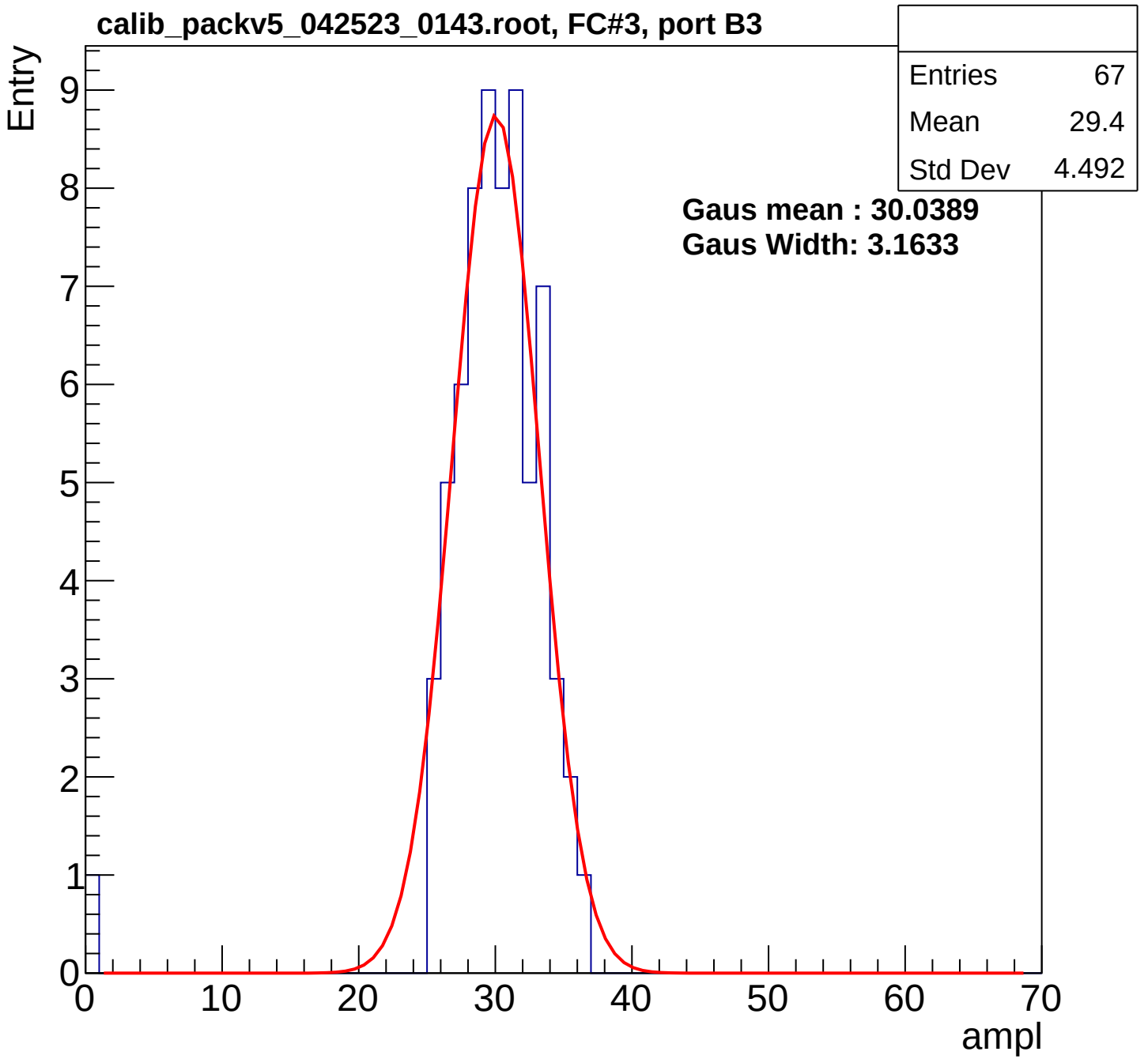
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch50, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.4
Std Dev 4.492
Gaus mean : 30.0389
Gaus Width: 3.1633
Entry
ampl
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2
3
4
5
6
7
8
9
0
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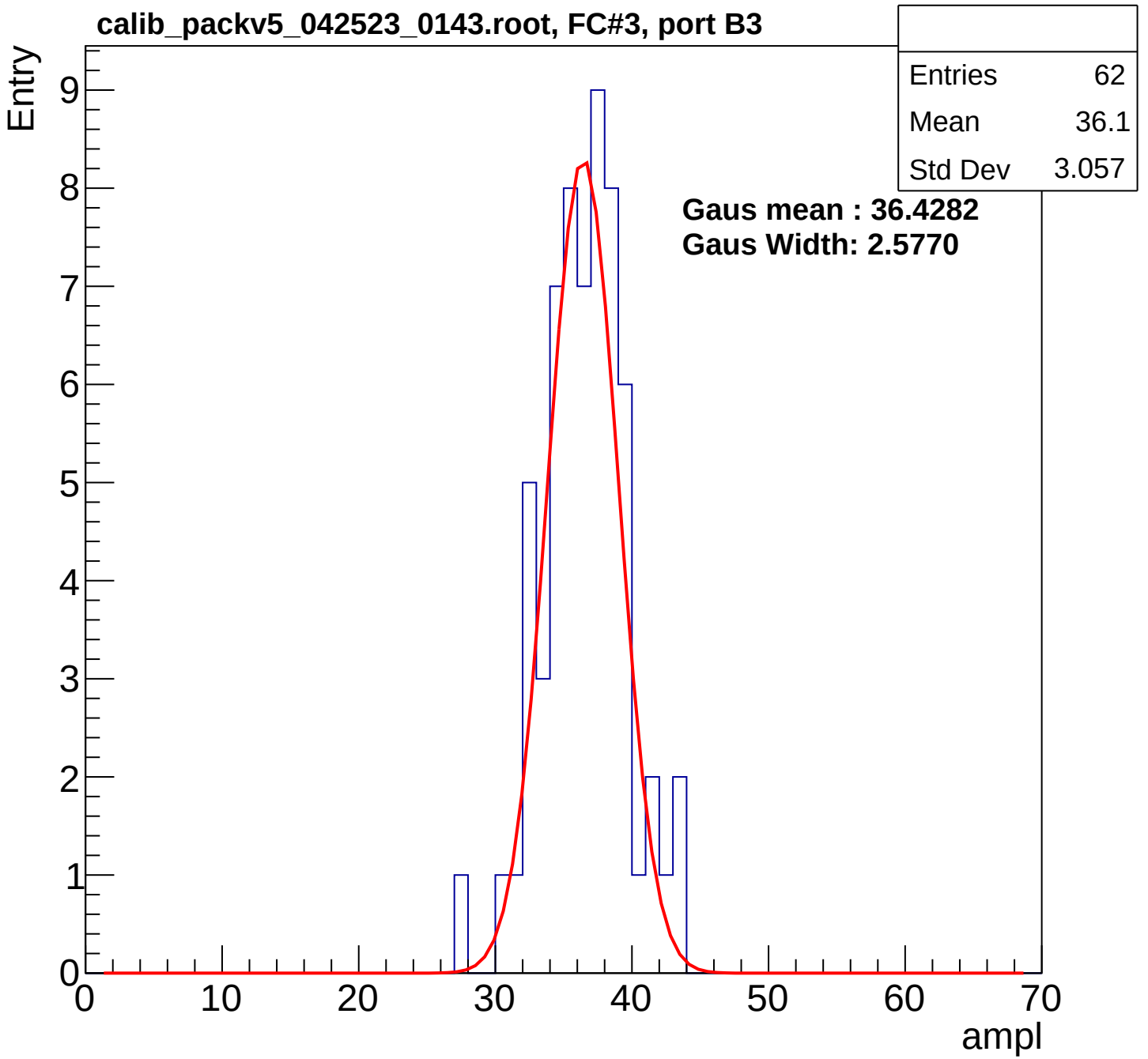
B1L000S, U9-ch50, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.1
Std Dev 3.057
Gaus mean : 36.4282
Gaus Width: 2.5770
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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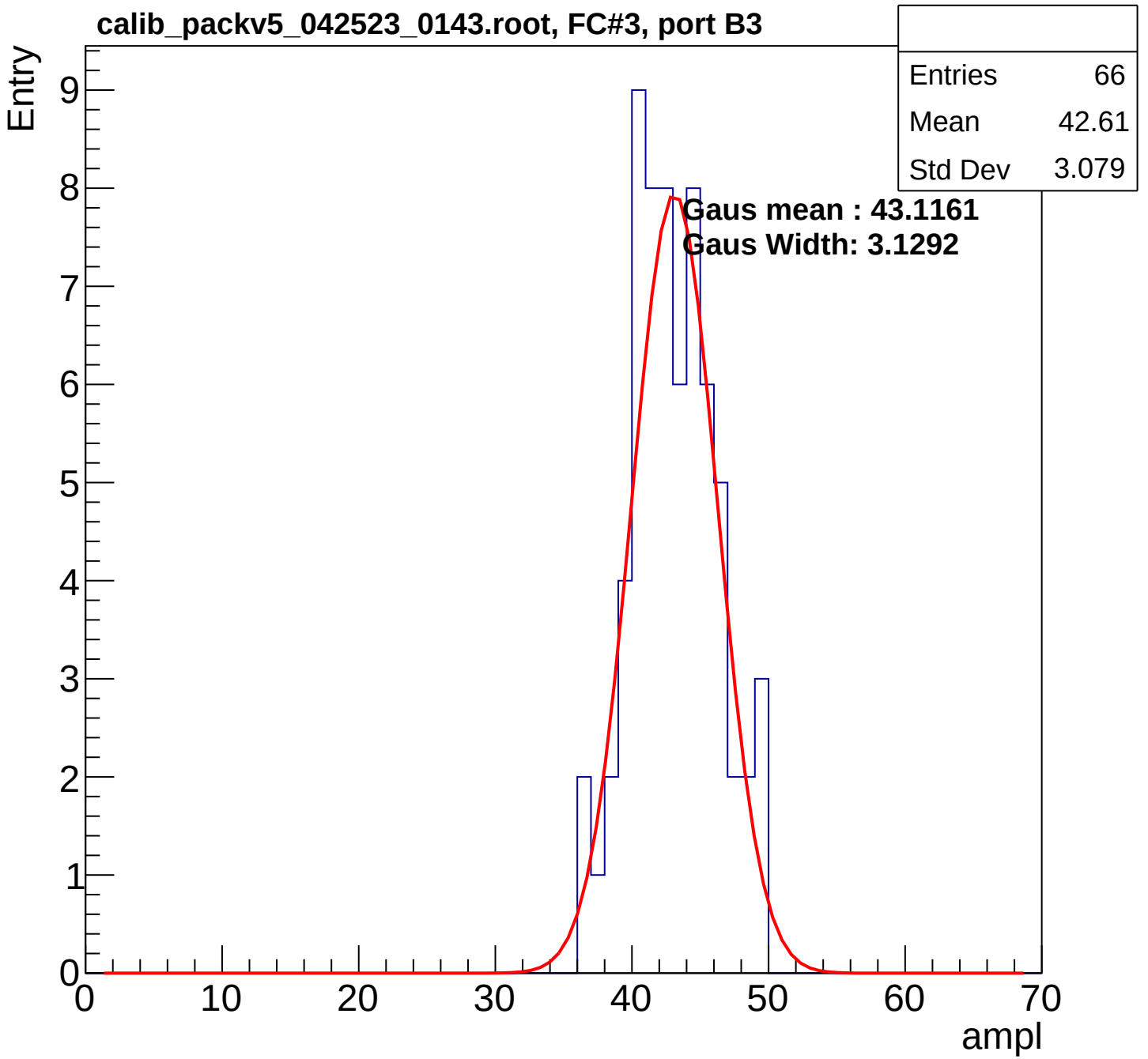
B1L000S, U9-ch50, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 42.61
Std Dev 3.079
Gaus mean : 43.1161
Gaus Width: 3.1292
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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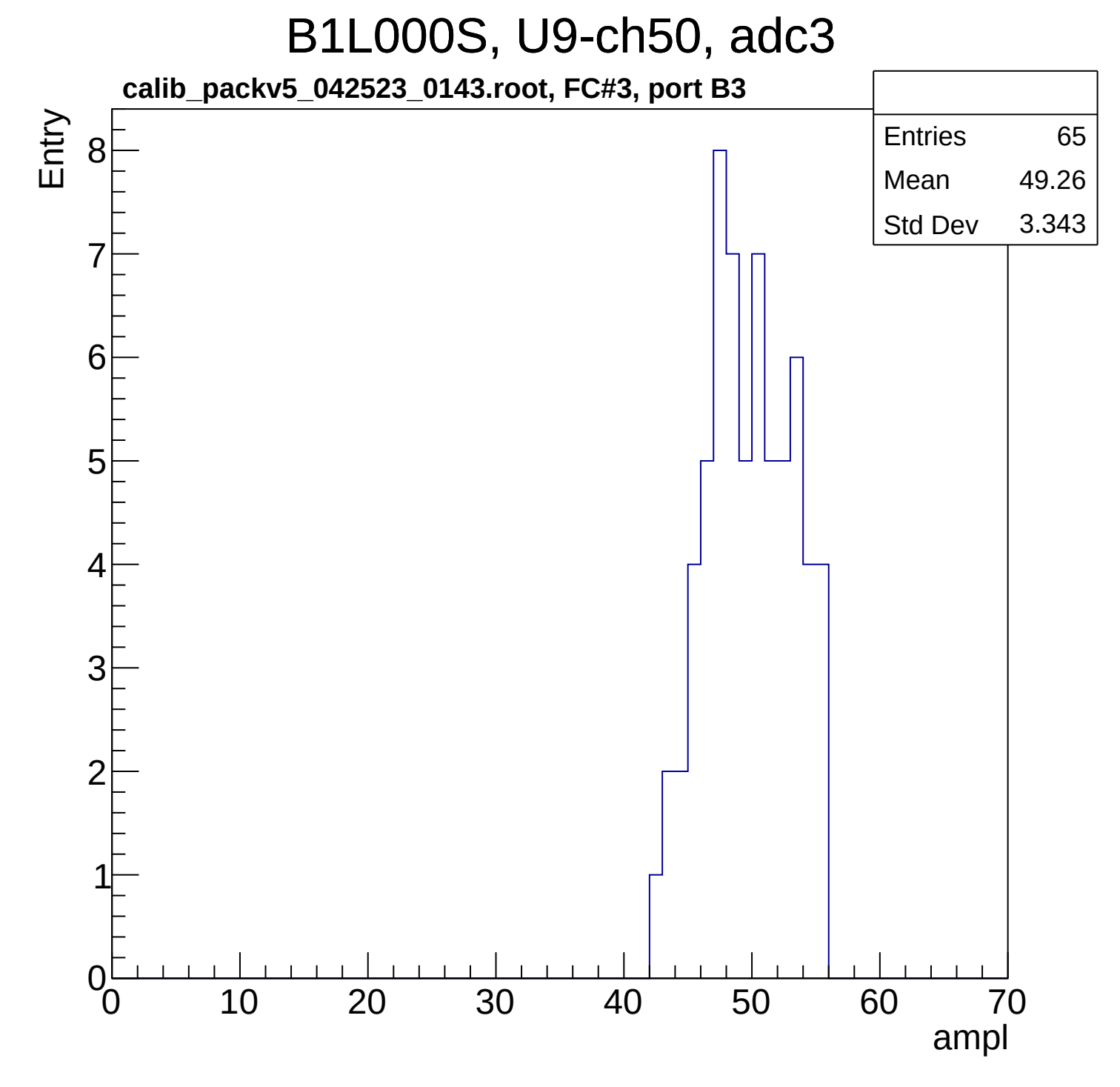
B1L000S, U9-ch50, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 49.26
Std Dev 3.343
Entry
ampl
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1
2
3
4
5
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0
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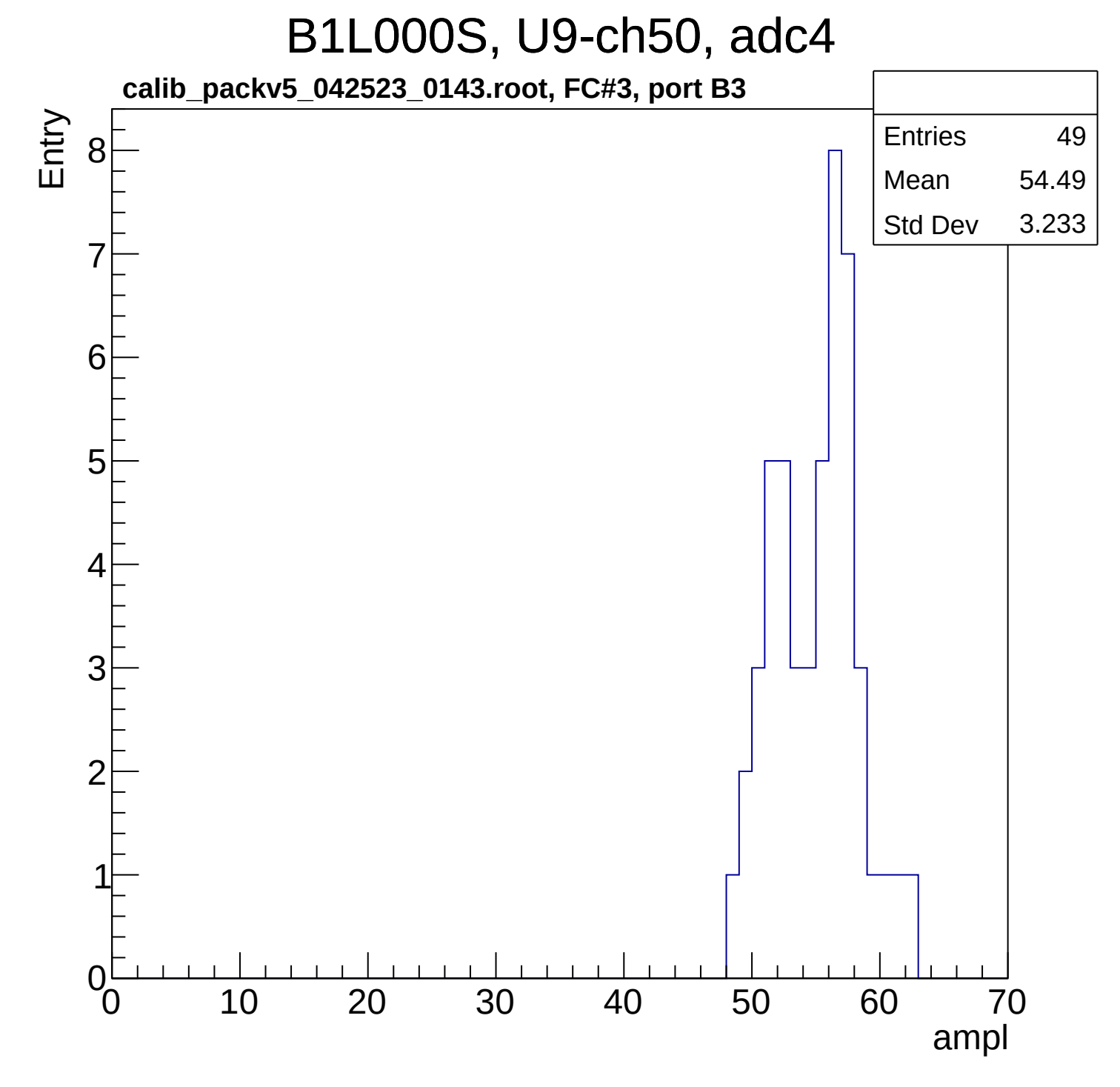
B1L000S, U9-ch50, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.49
Std Dev 3.233
Entry
ampl
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1
2
3
4
5
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7
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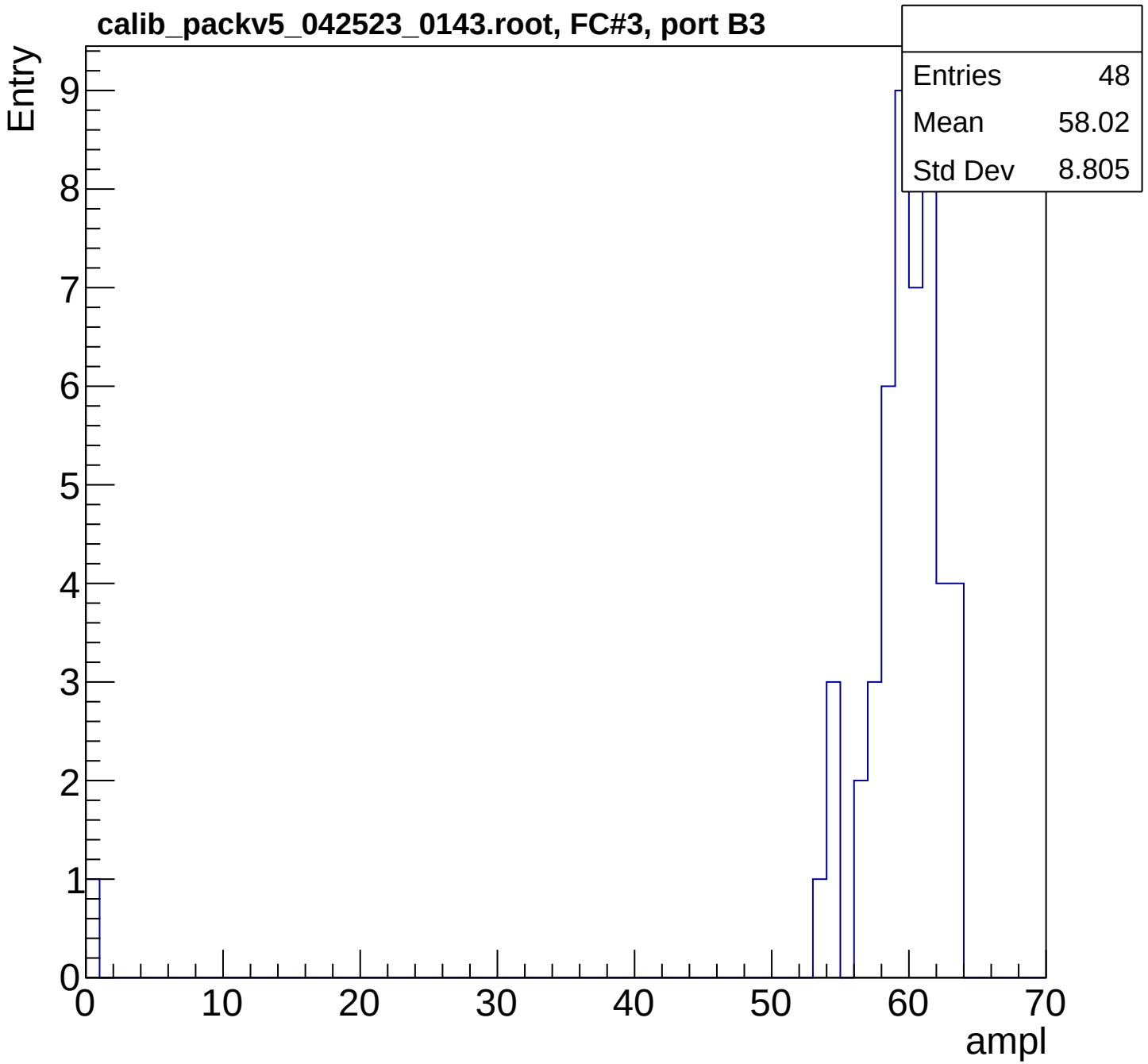
B1L000S, U9-ch50, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.02
Std Dev 8.805
Entry
ampl
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2
3
4
5
6
7
8
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0
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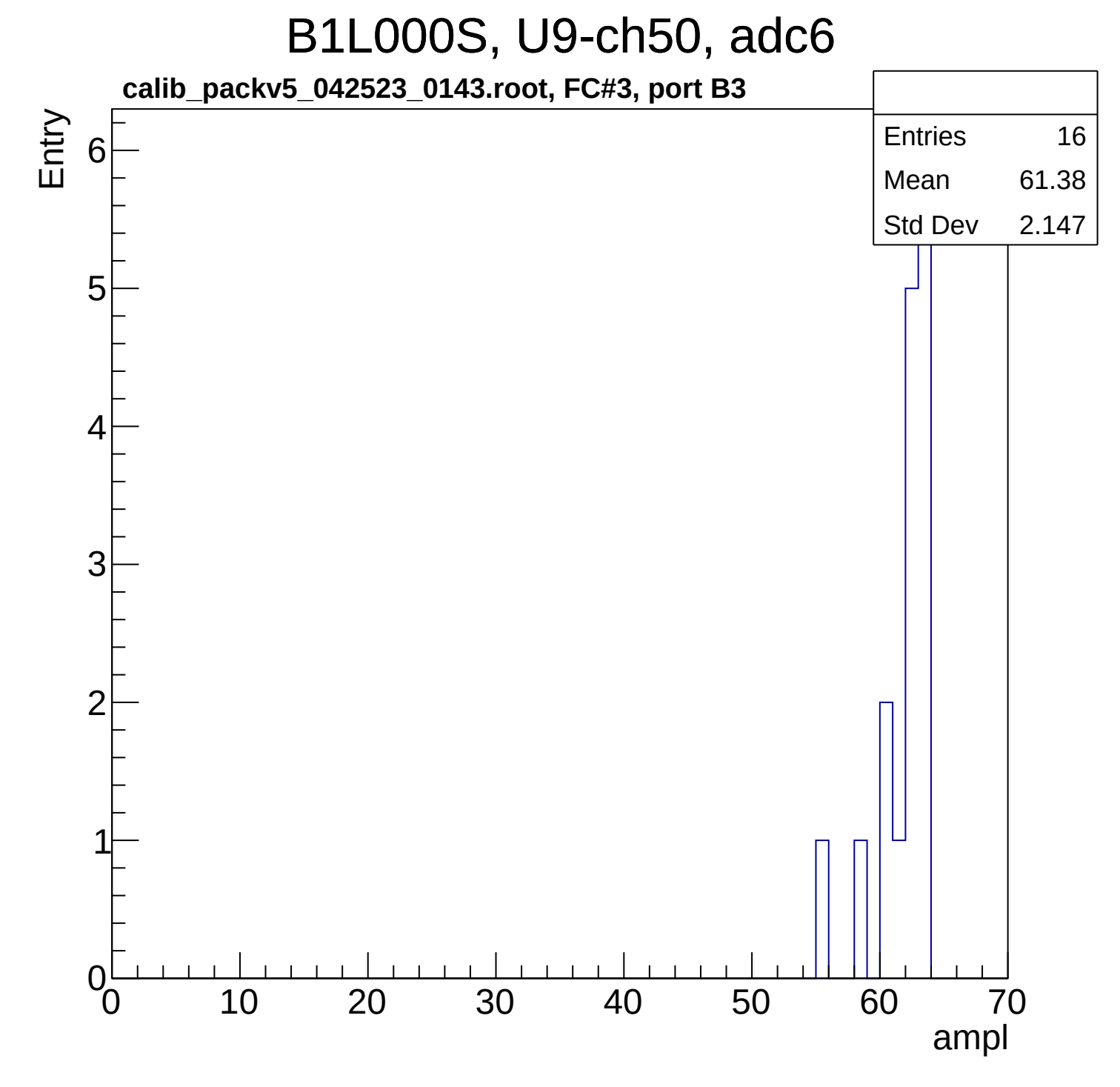
B1L000S, U9-ch50, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.38
Std Dev 2.147
Entry
ampl
0
1
2
3
4
5
6
0
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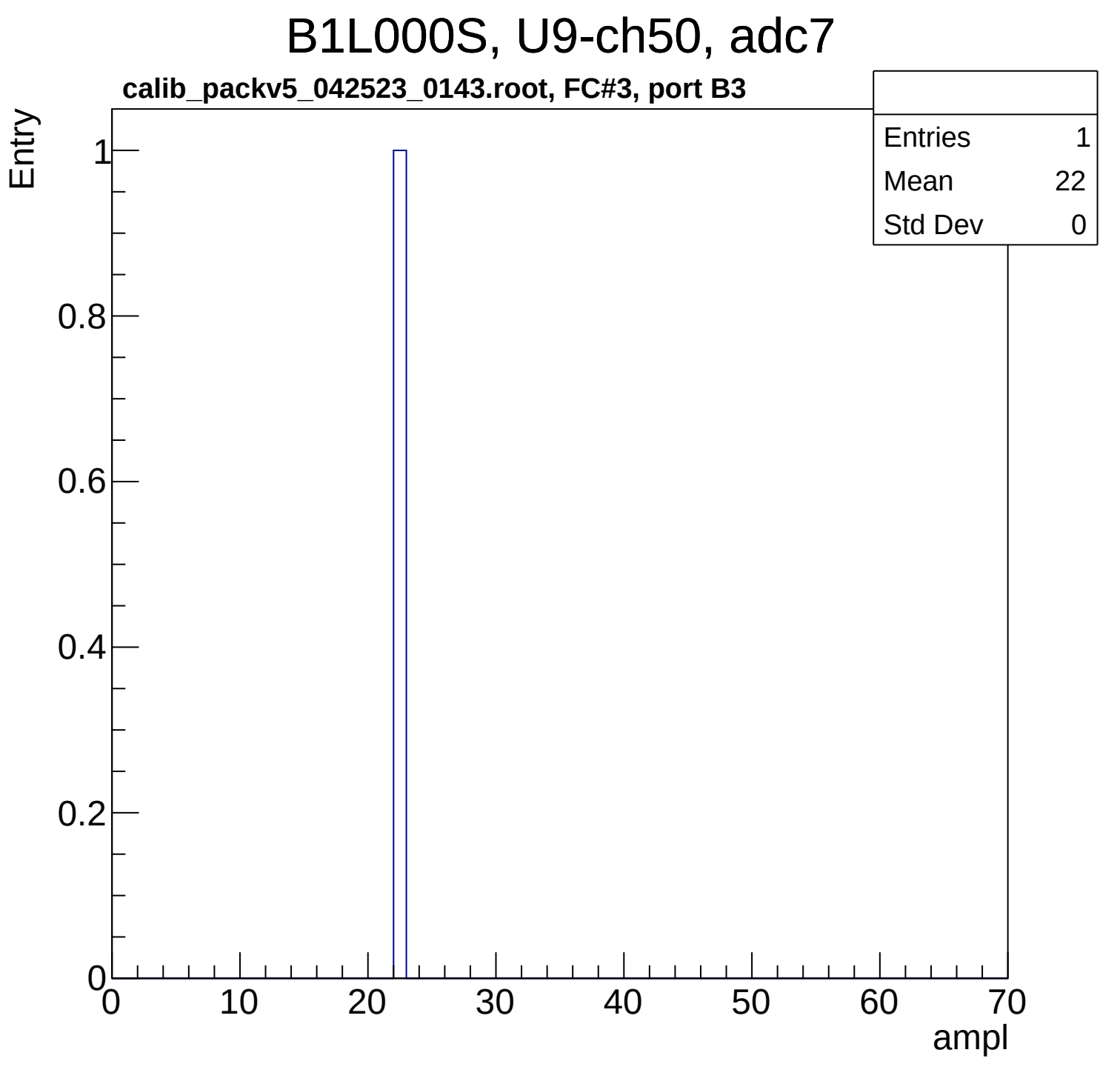
B1L000S, U9-ch50, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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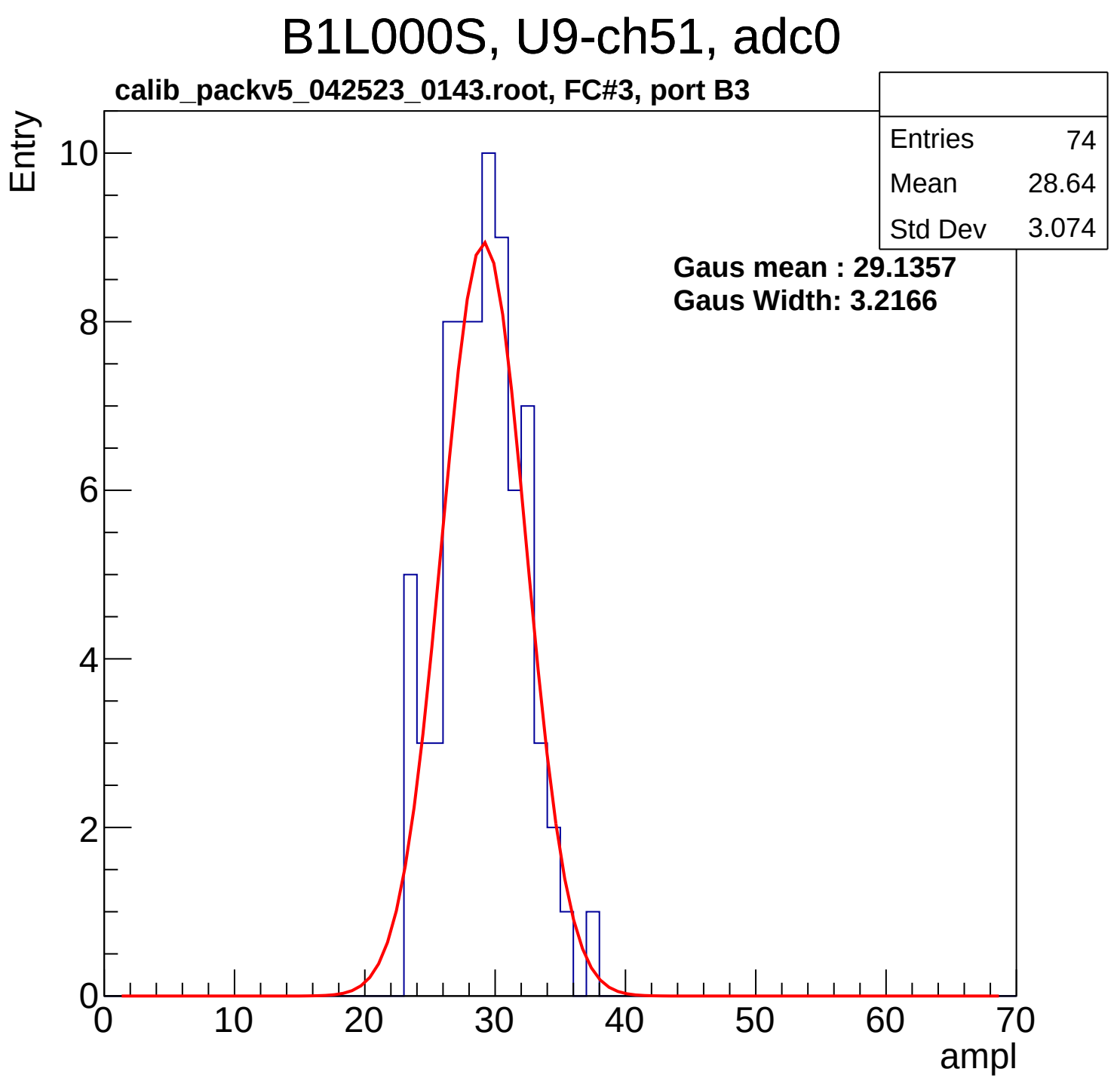
30
40
50
60
70
ampl


B1L000S, U9-ch51, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.64
Std Dev 3.074
Gaus mean : 29.1357
Gaus Width: 3.2166
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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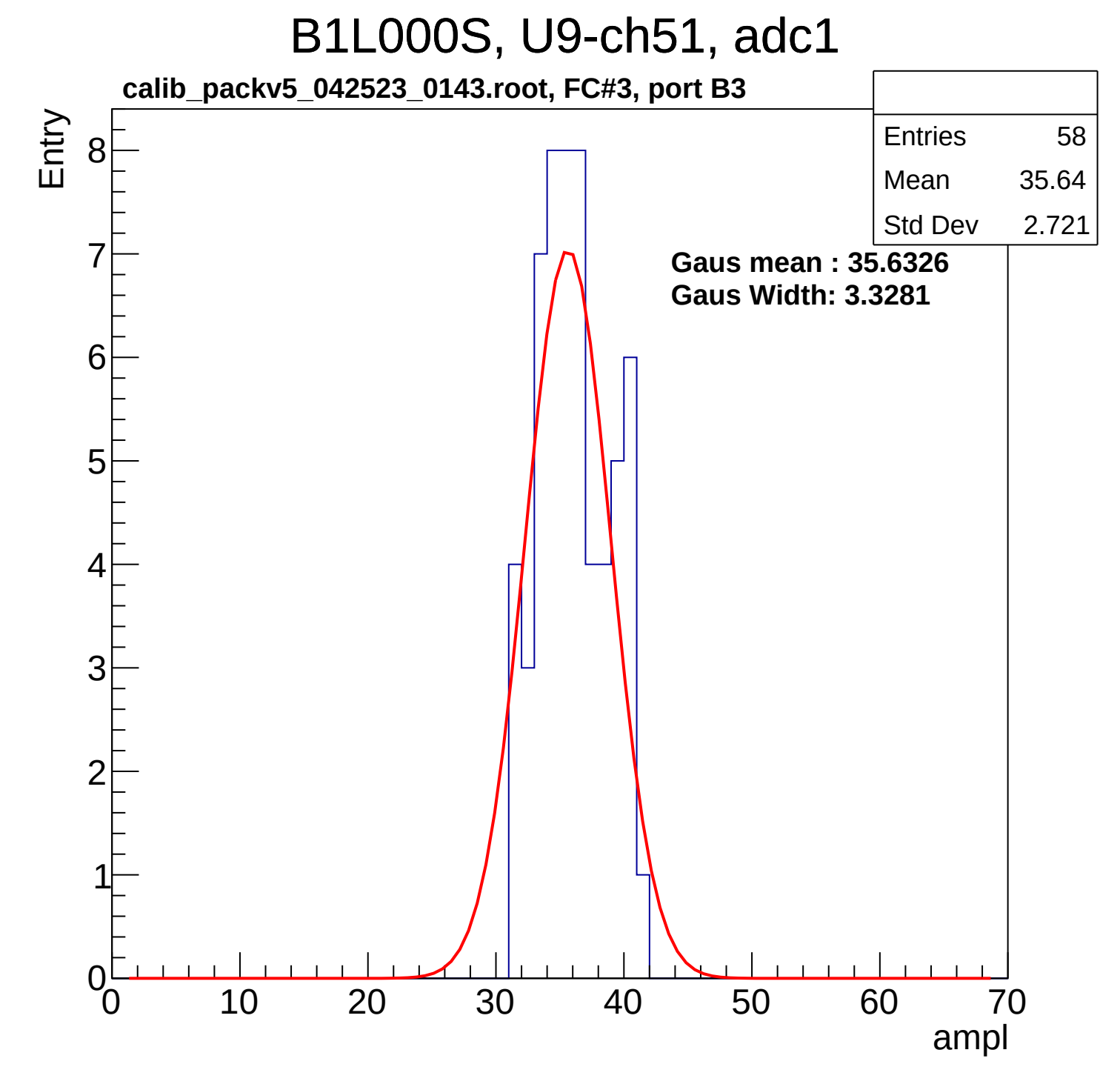
B1L000S, U9-ch51, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.64
Std Dev 2.721
Gaus mean : 35.6326
Gaus Width: 3.3281
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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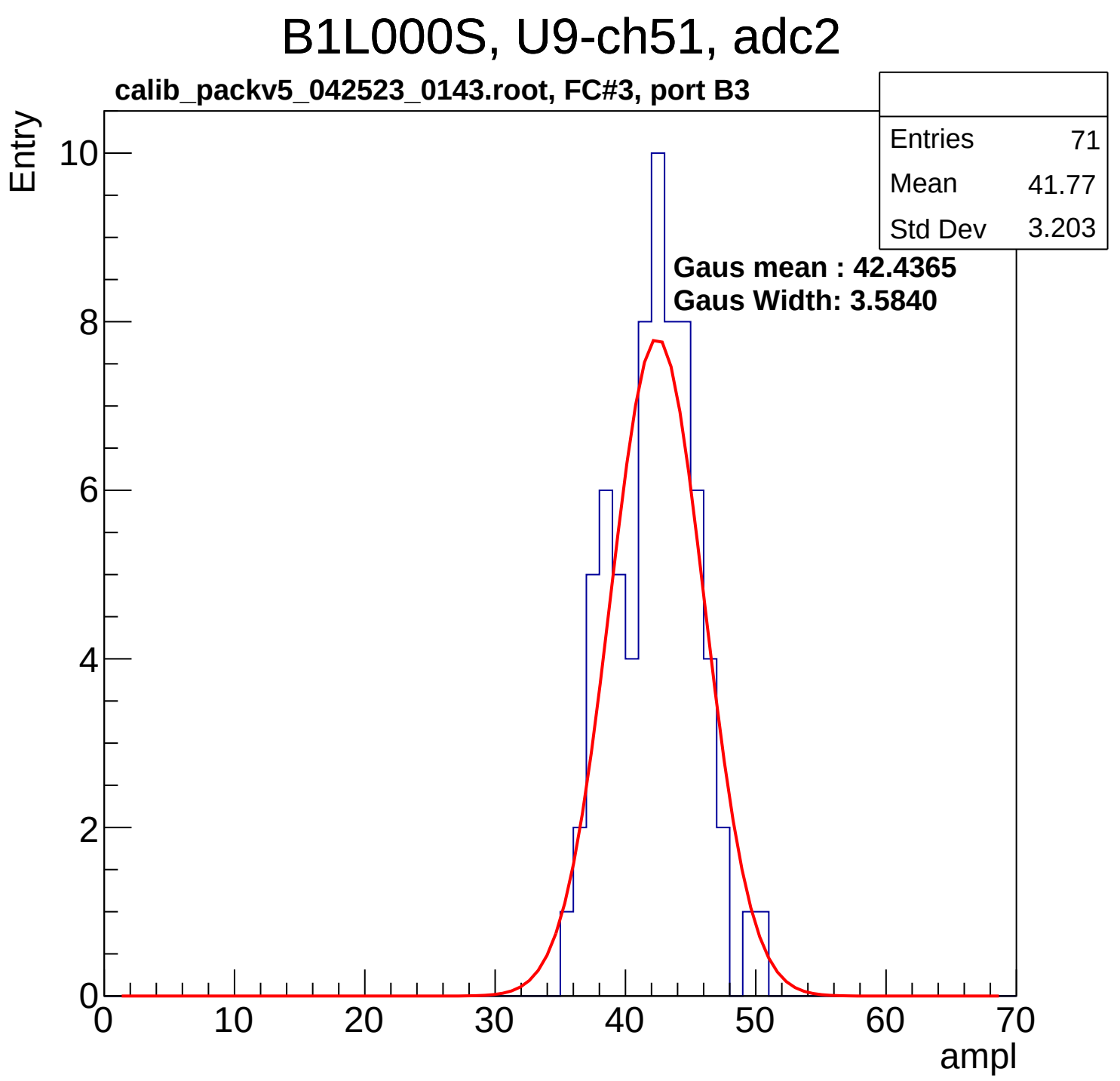
B1L000S, U9-ch51, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 41.77
Std Dev 3.203
Gaus mean : 42.4365
Gaus Width: 3.5840
Entry
ampl
0
2
4
6
8
10
0
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20
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40
50
60
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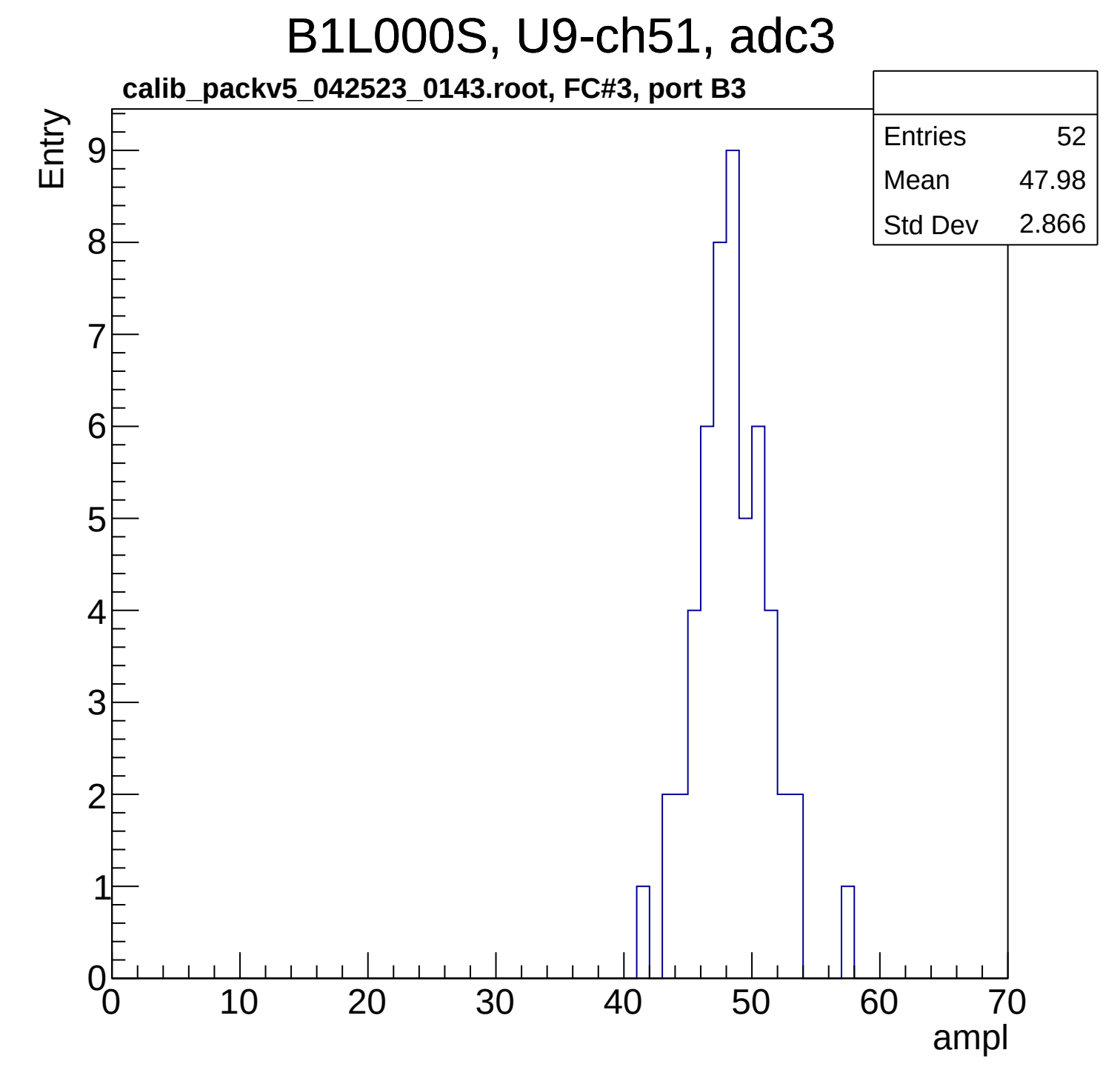
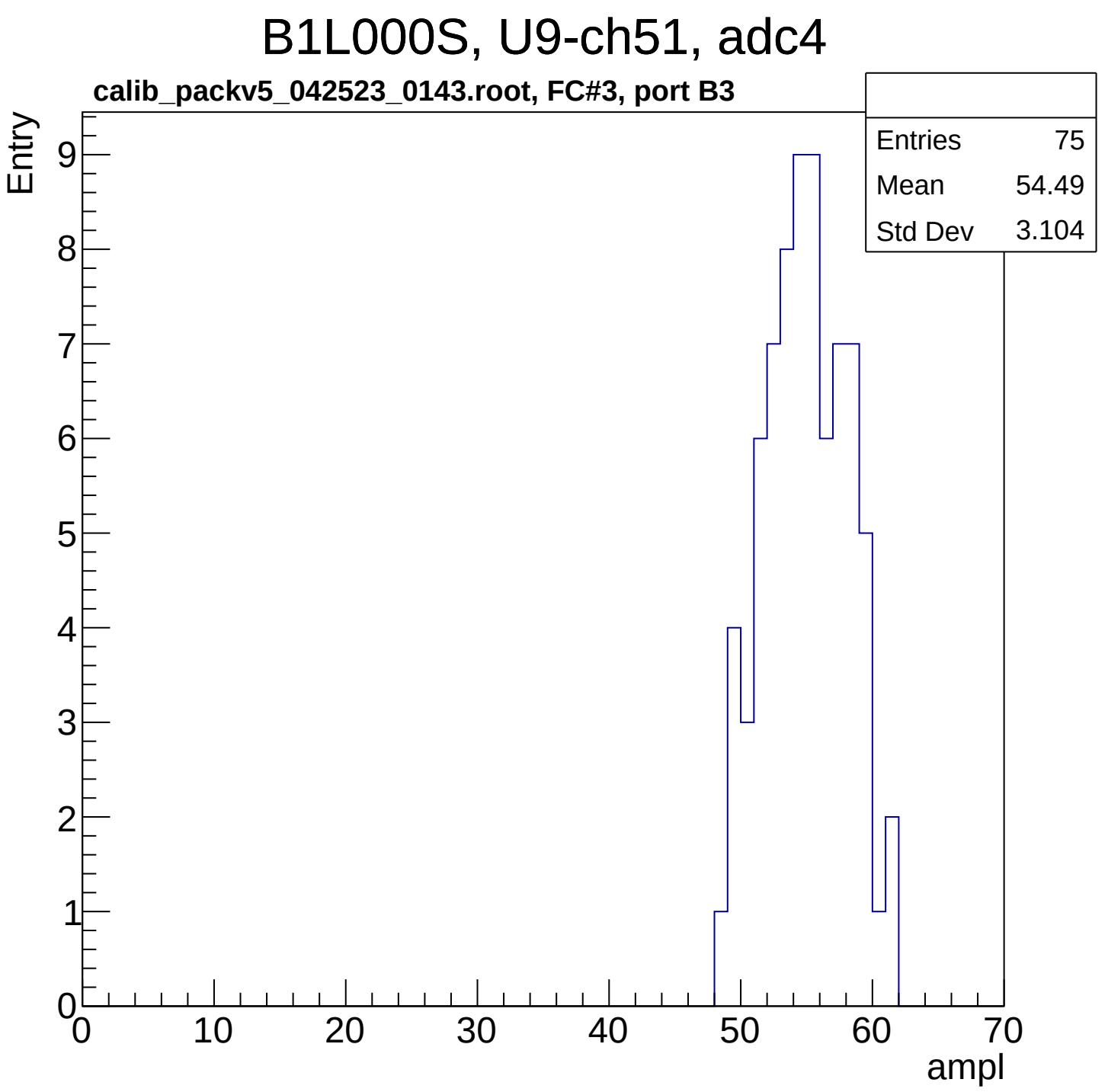
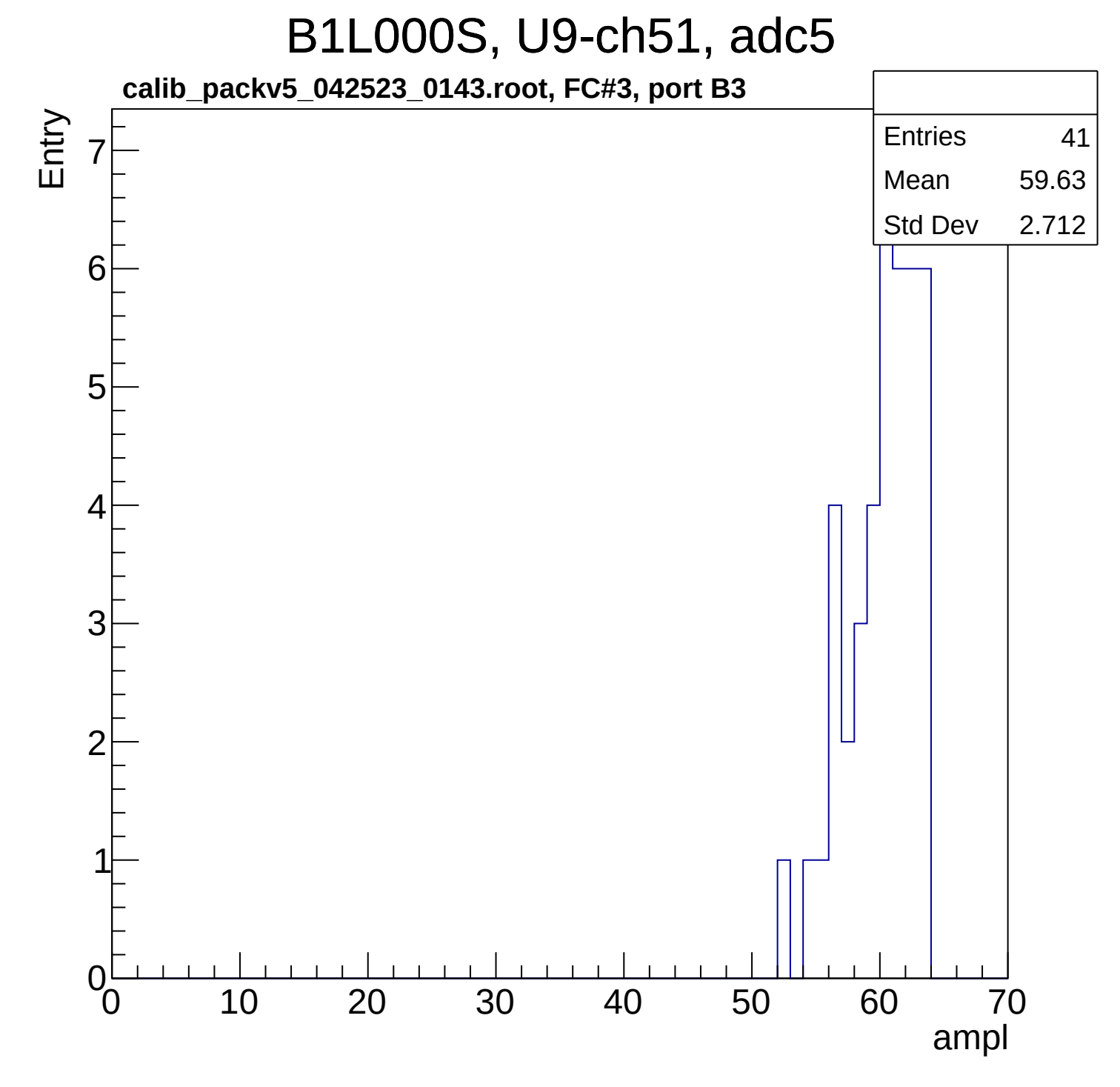

B1L000S, U9-ch51, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.98
Std Dev 2.866
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch51, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 54.49
Std Dev 3.104
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch51, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 59.63
Std Dev 2.712
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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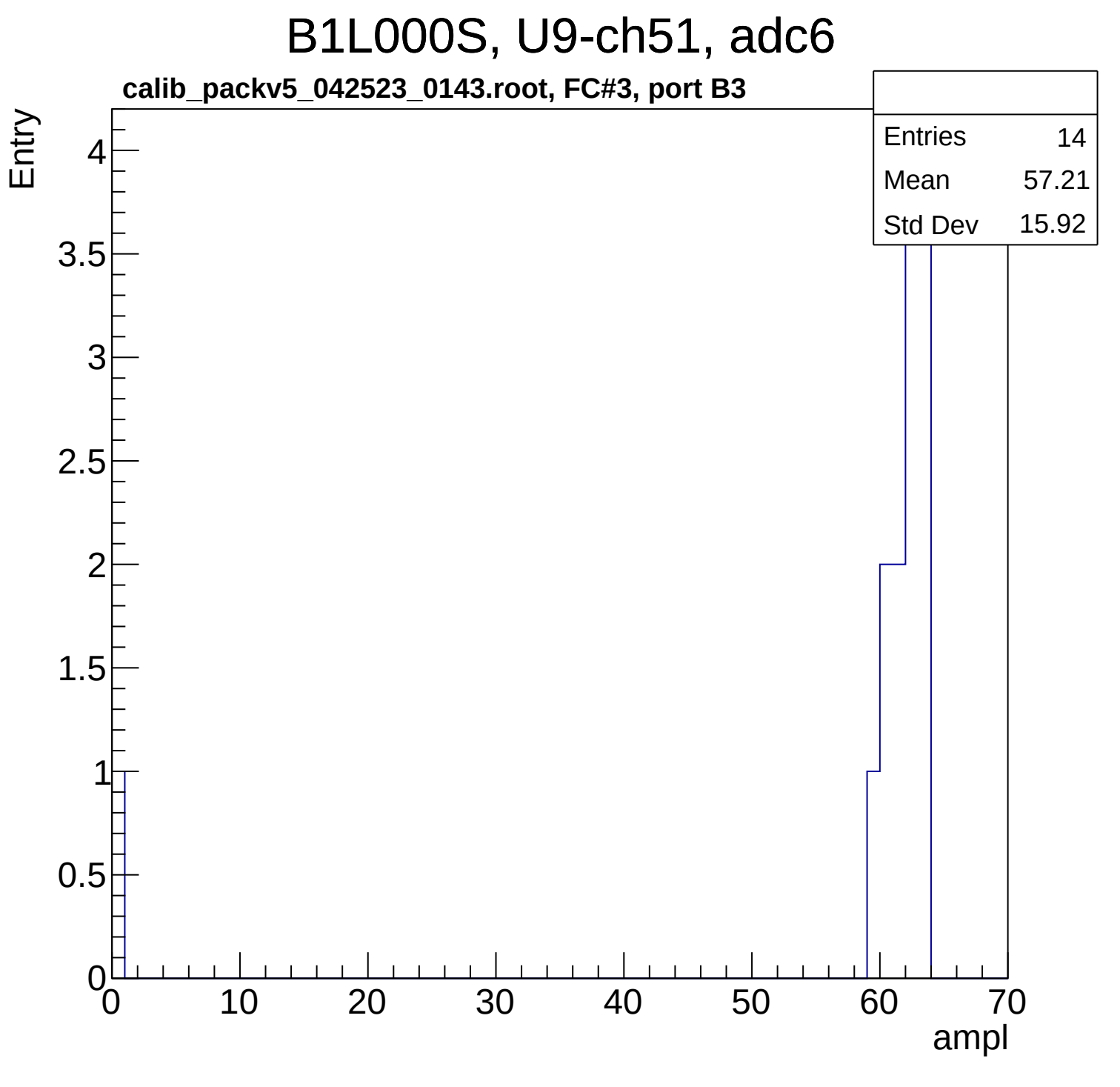
B1L000S, U9-ch51, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.21
Std Dev 15.92
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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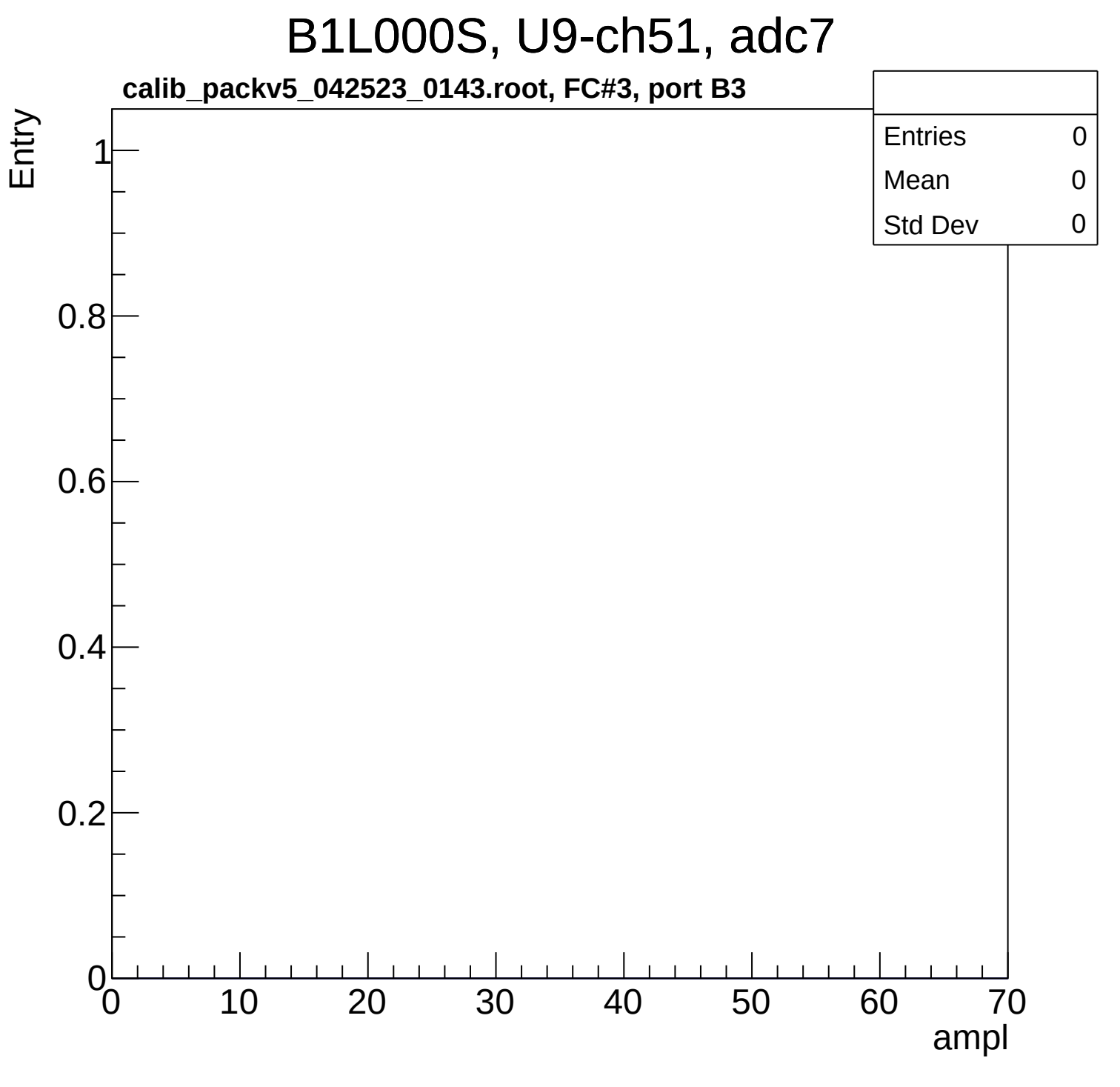
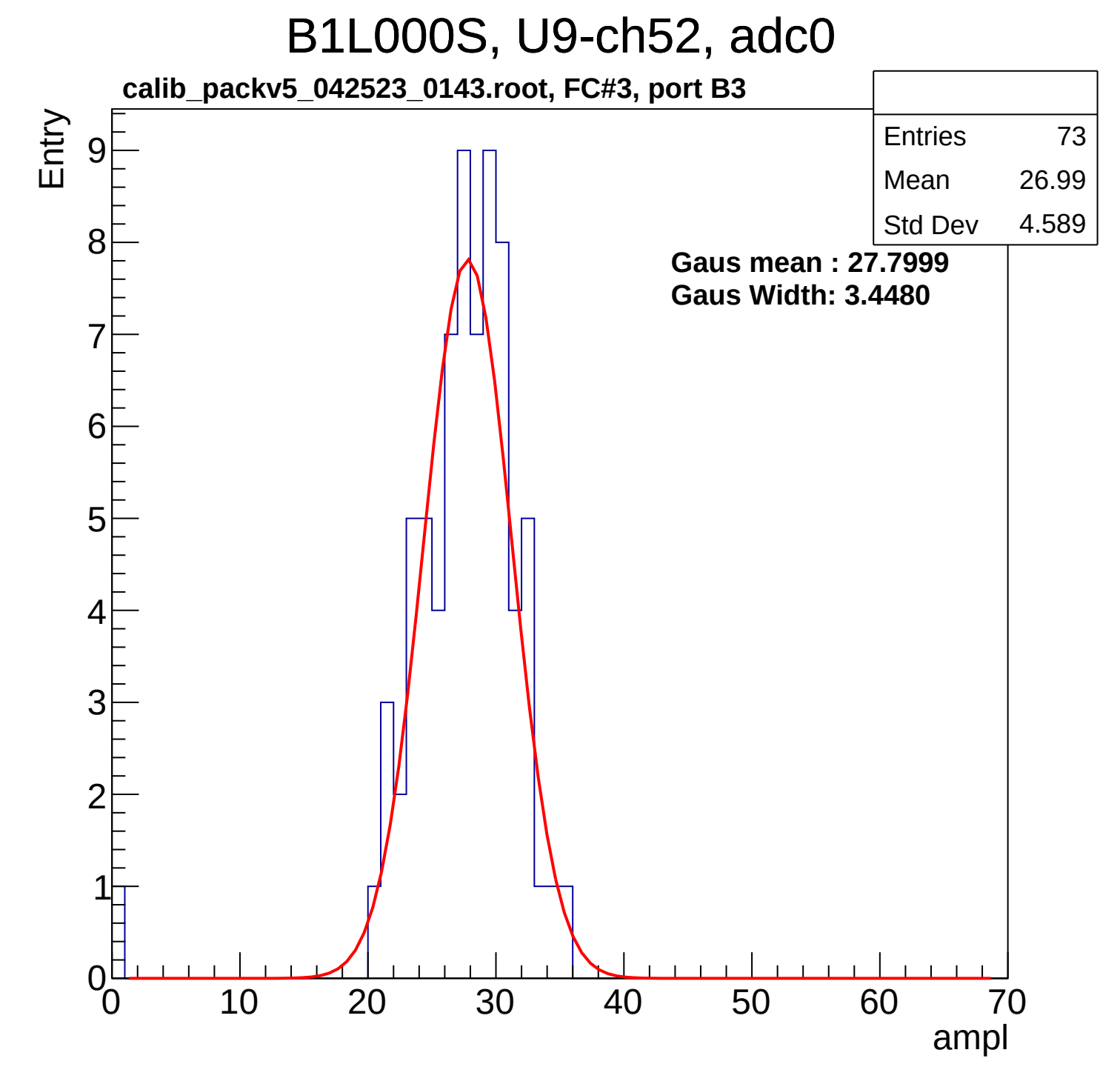
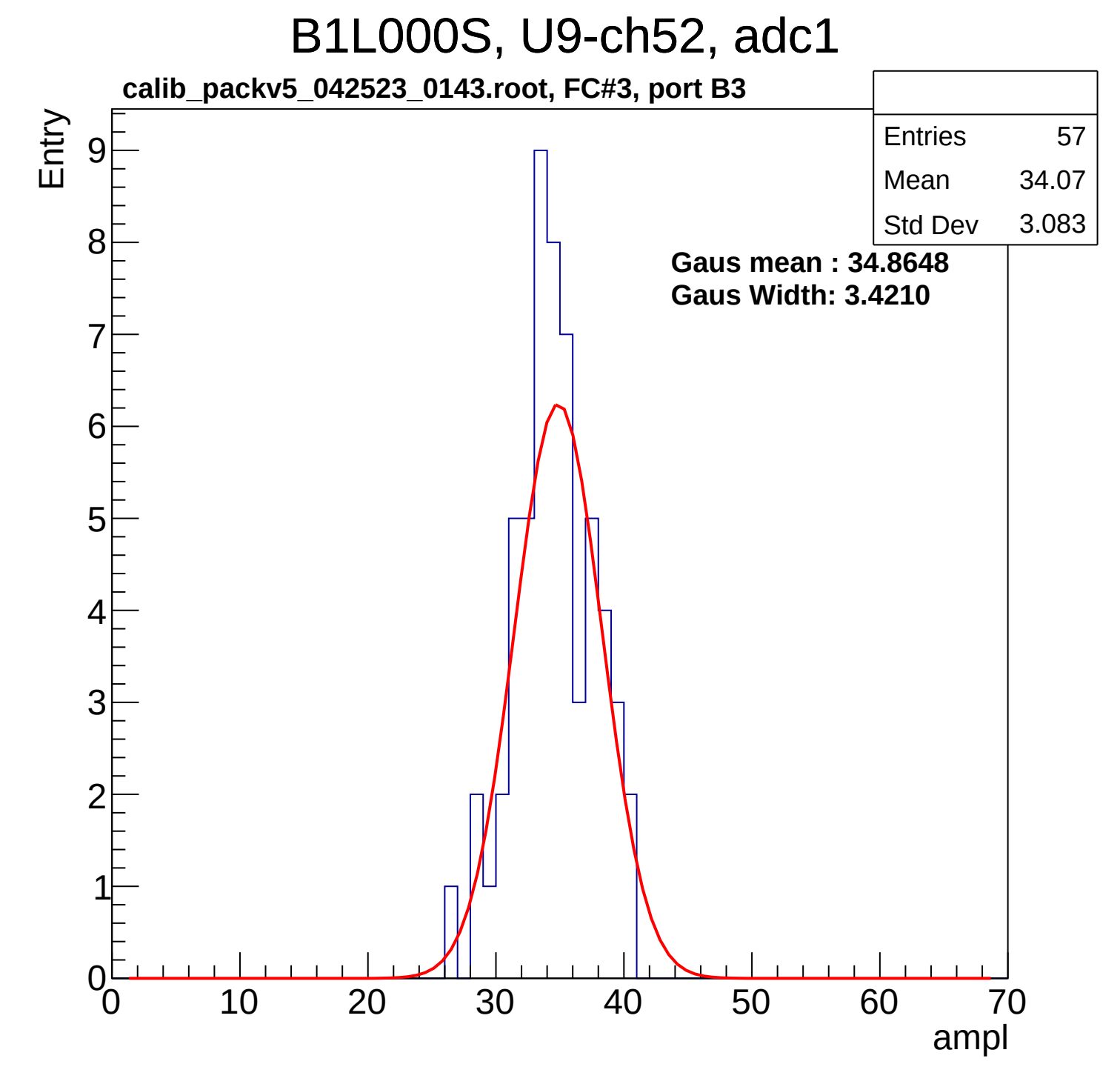
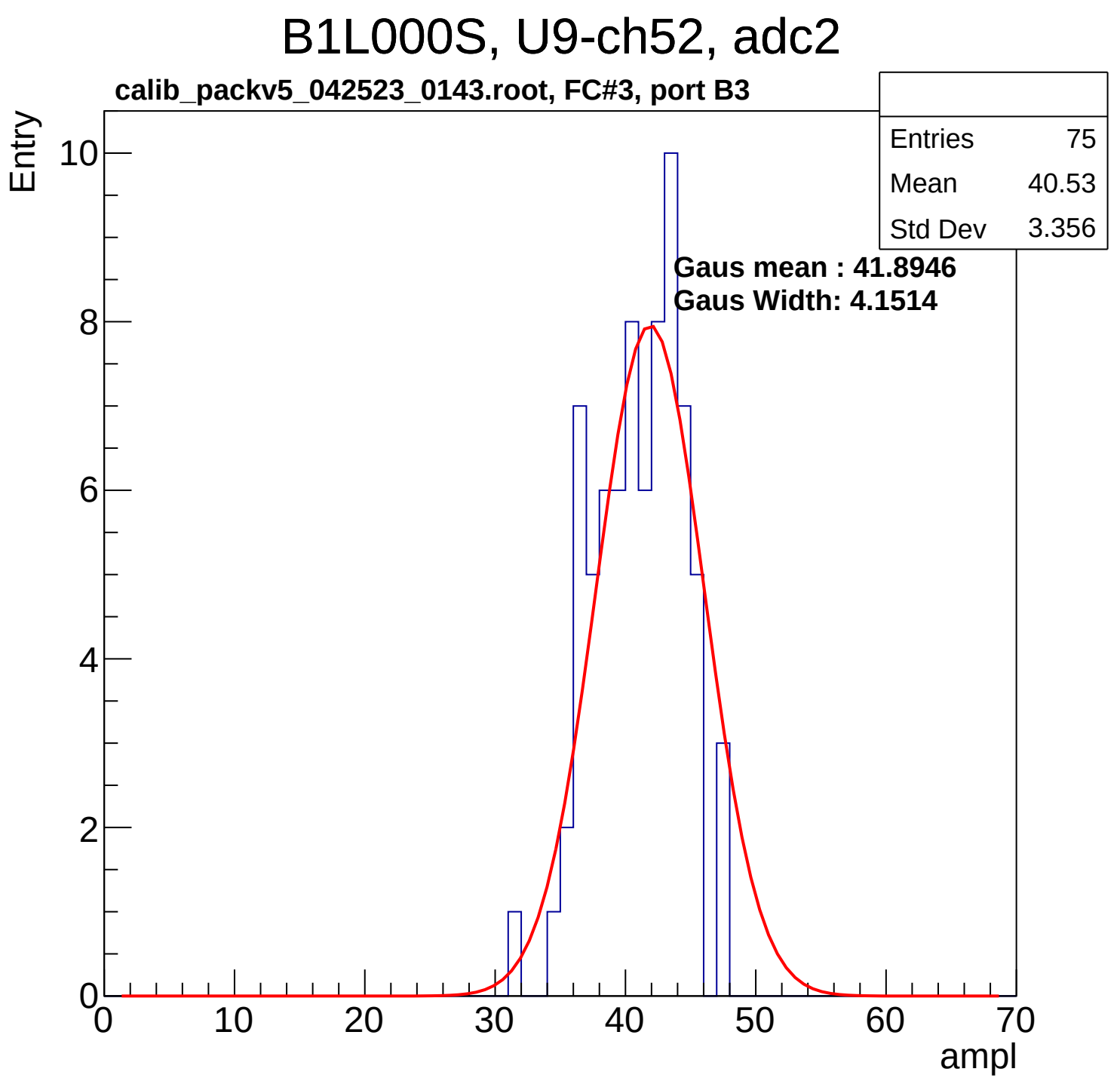
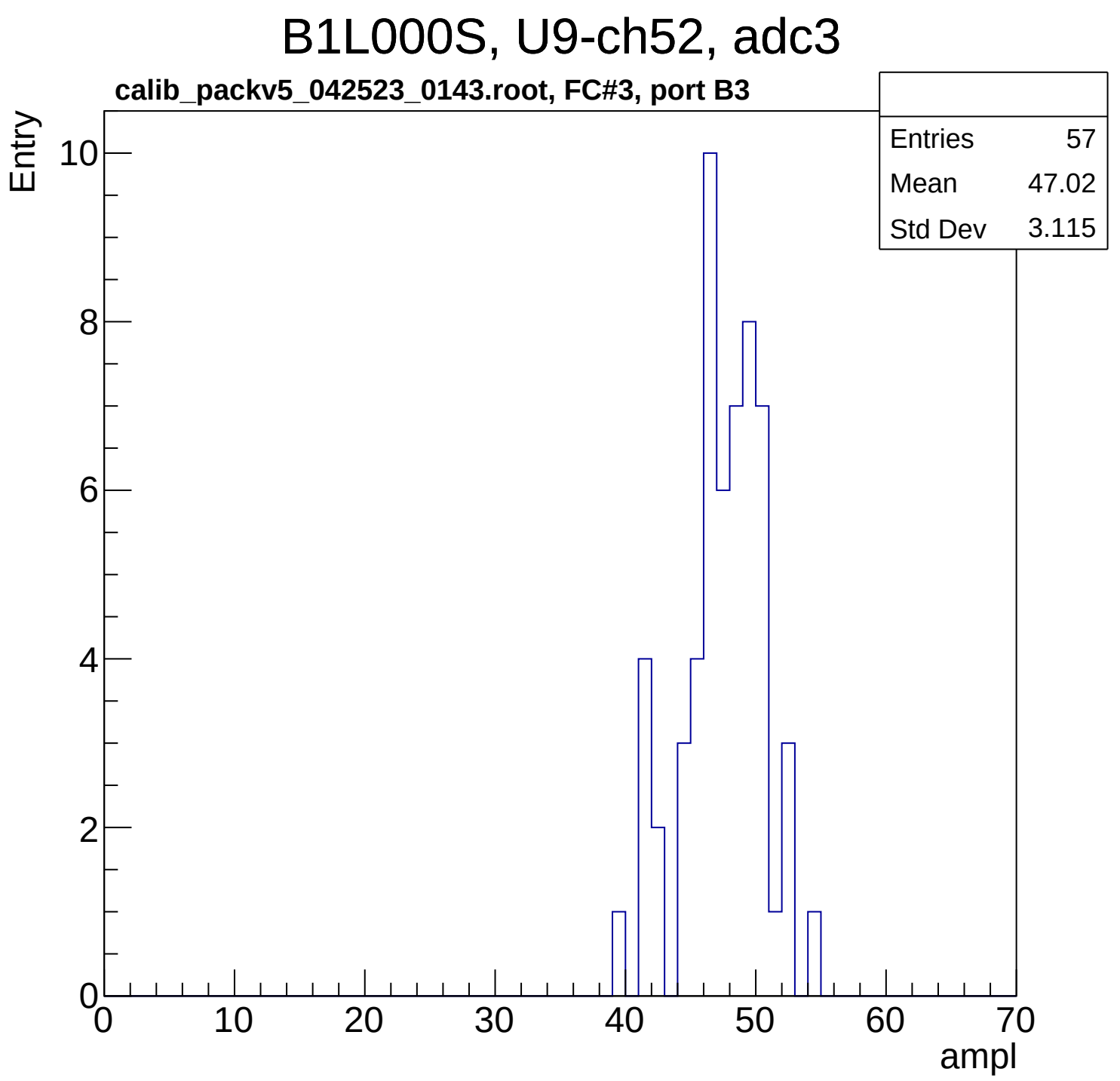

B1L000S, U9-ch51, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch52, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 26.99
Std Dev 4.589
Gaus mean : 27.7999
Gaus Width: 3.4480
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch52, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 34.07
Std Dev 3.083
Gaus mean : 34.8648
Gaus Width: 3.4210
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U9-ch52, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 40.53
Std Dev 3.356
Gaus mean : 41.8946
Gaus Width: 4.1514
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch52, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.02
Std Dev 3.115
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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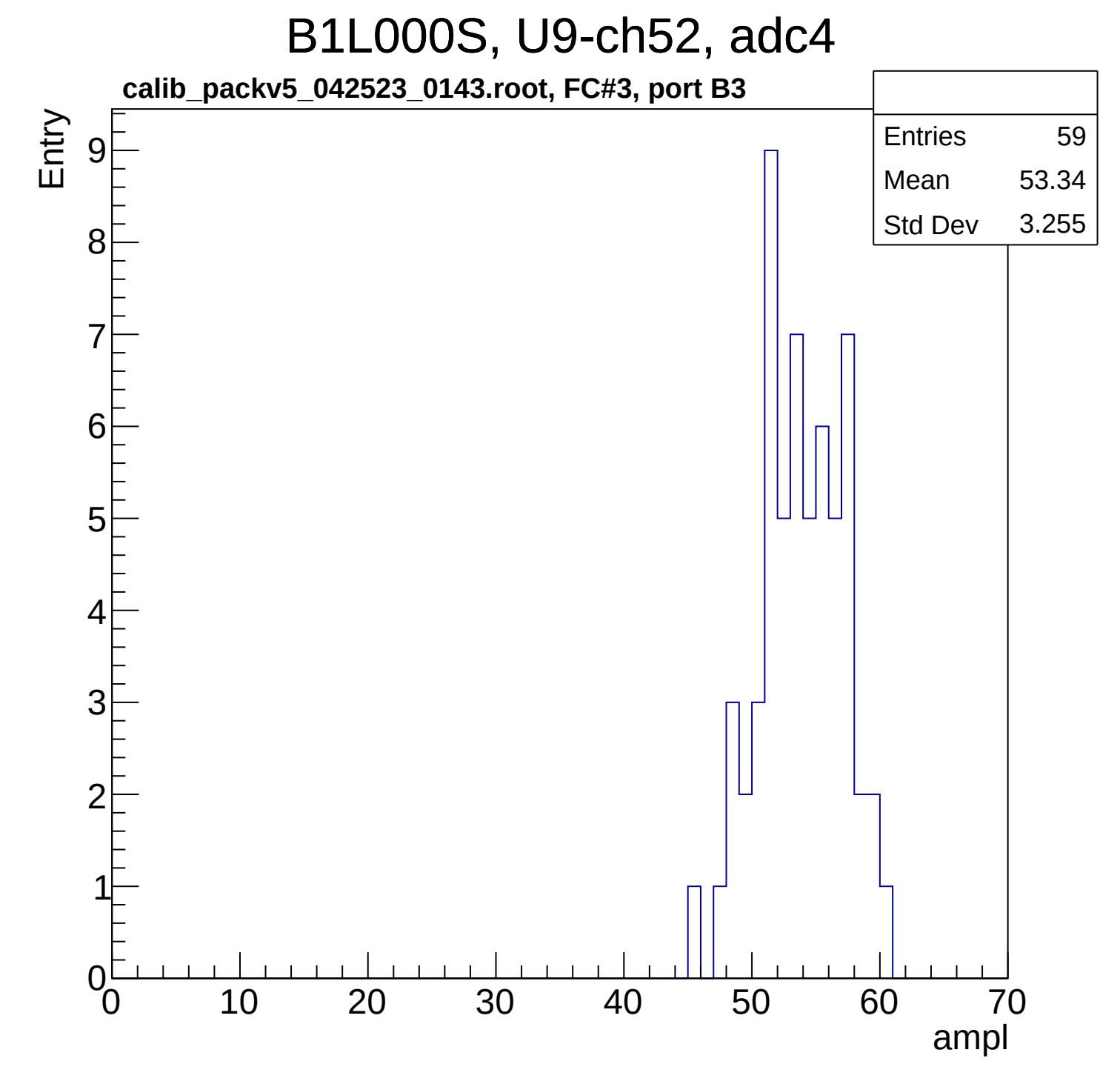
B1L000S, U9-ch52, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.34
Std Dev 3.255
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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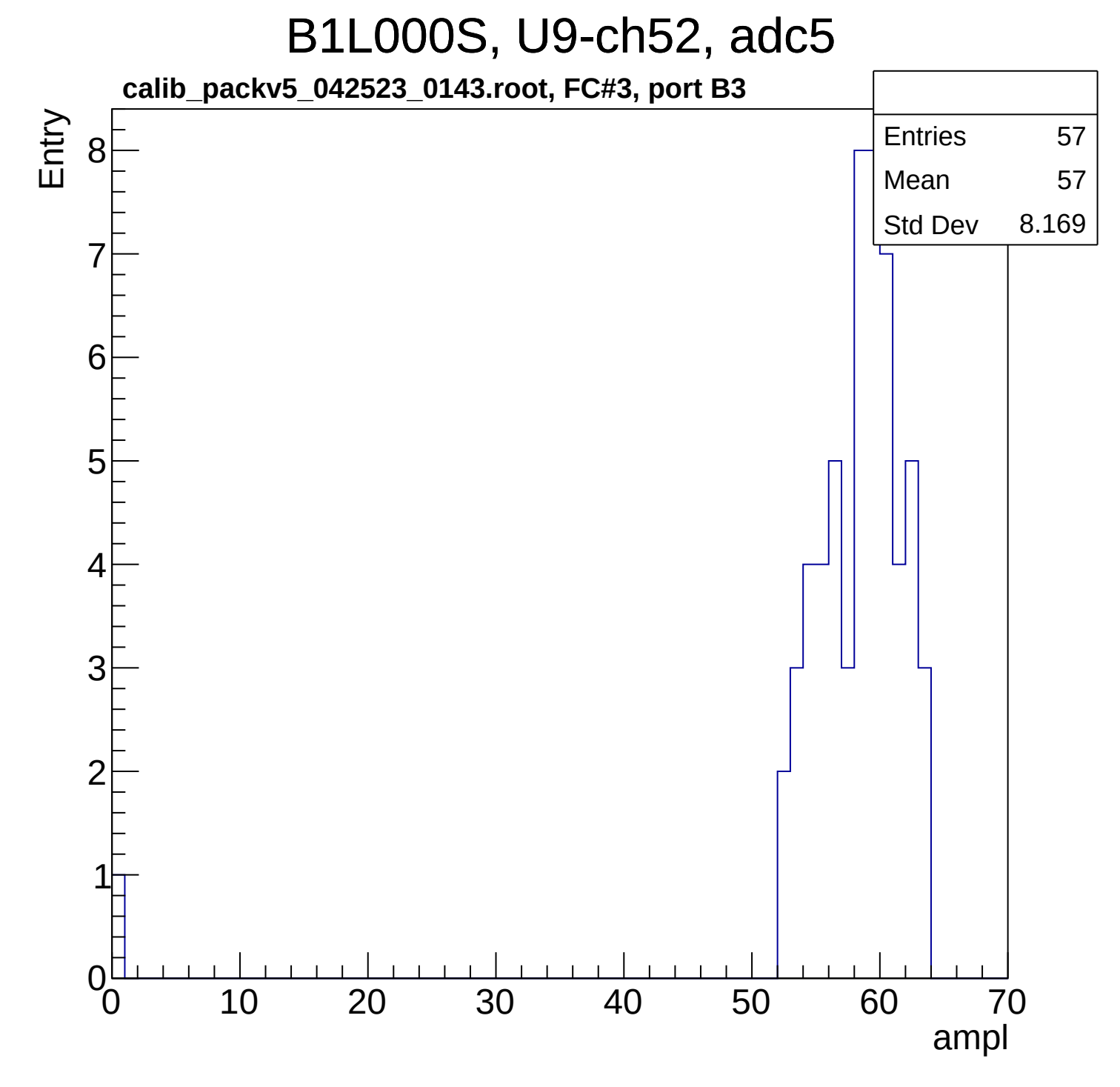
B1L000S, U9-ch52, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57
Std Dev 8.169
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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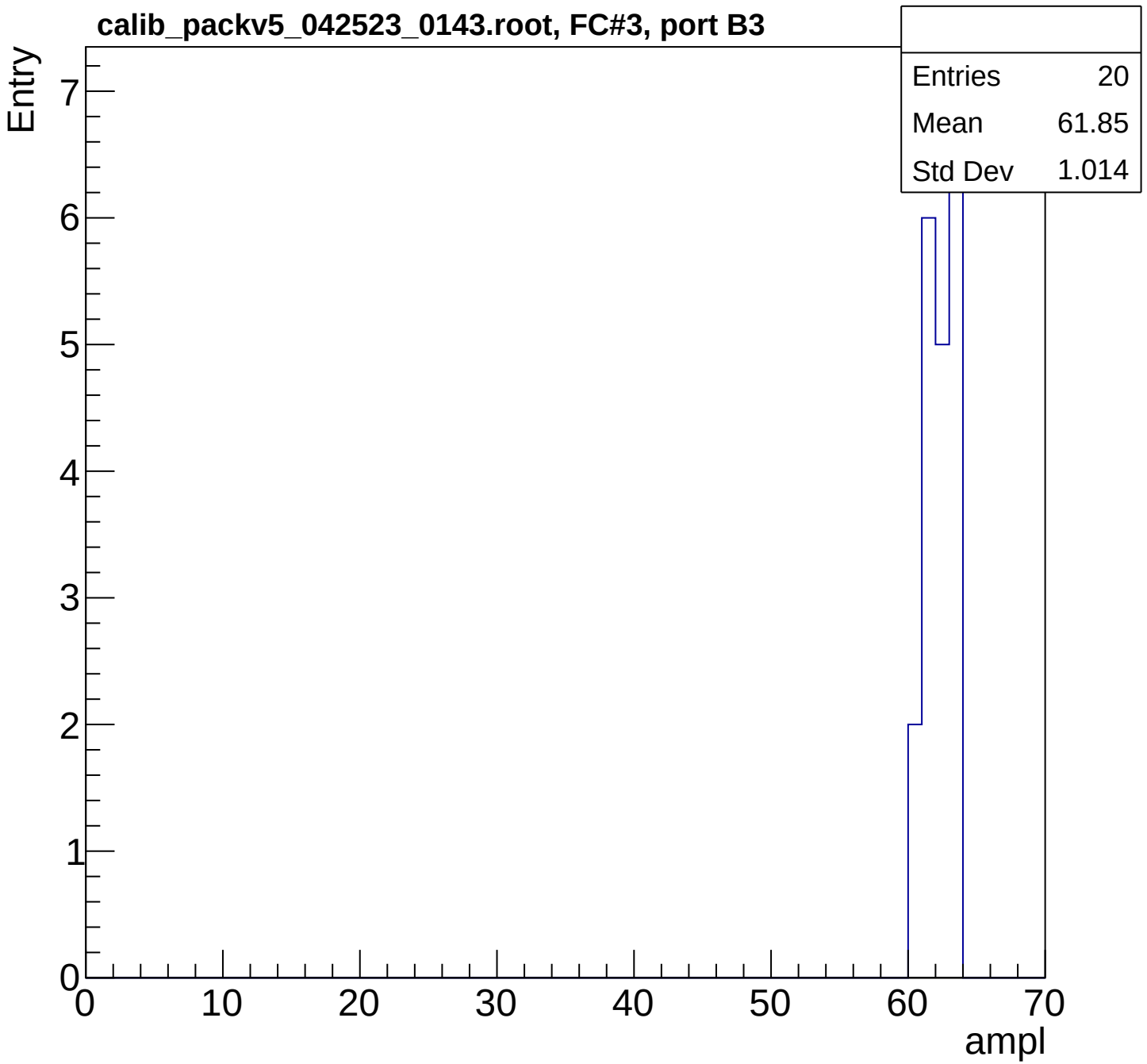
B1L000S, U9-ch52, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.85
Std Dev 1.014
Entry
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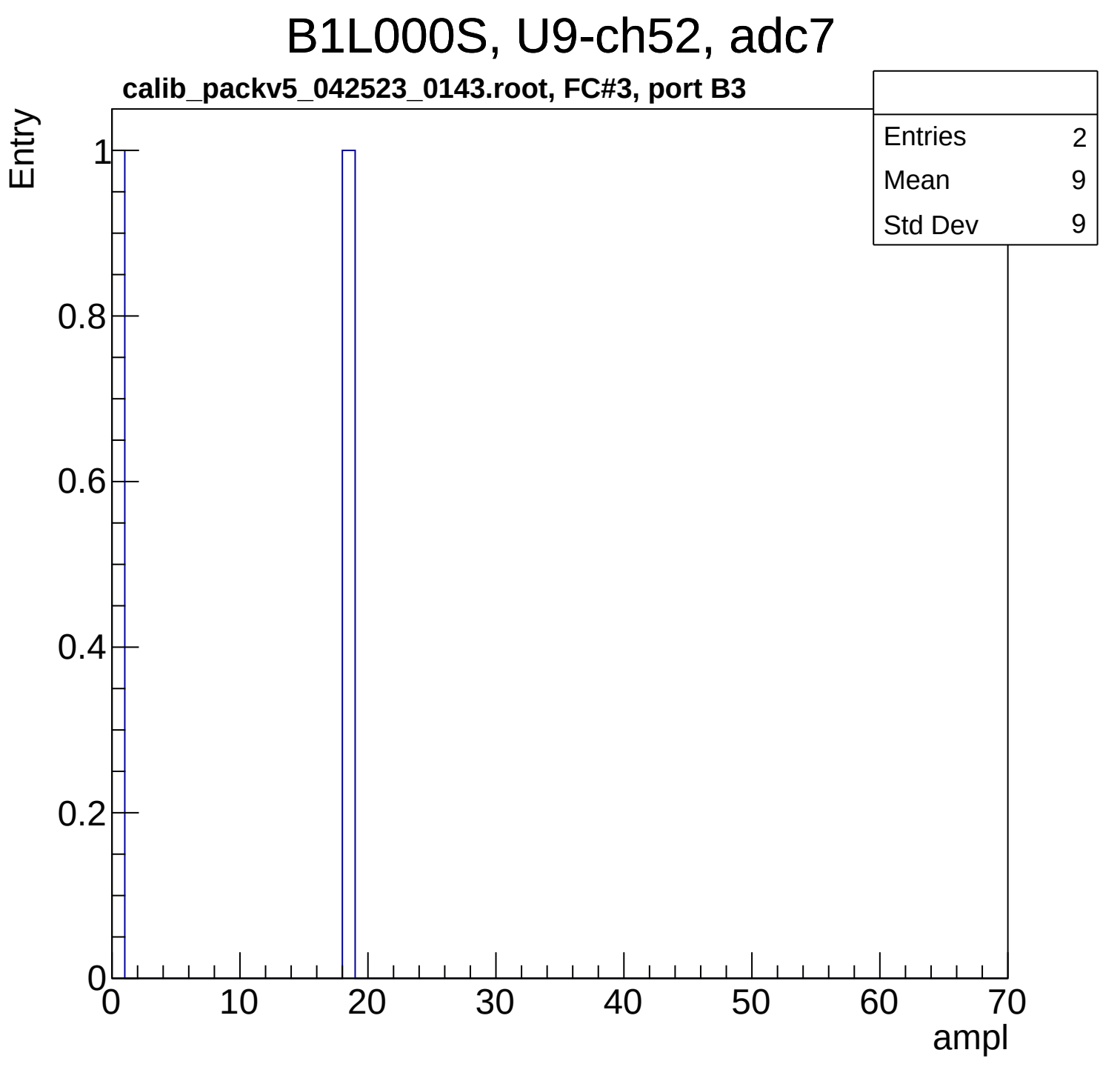
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch52, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 9
Std Dev 9
Entry
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0.6
0.4
0.2
0
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10
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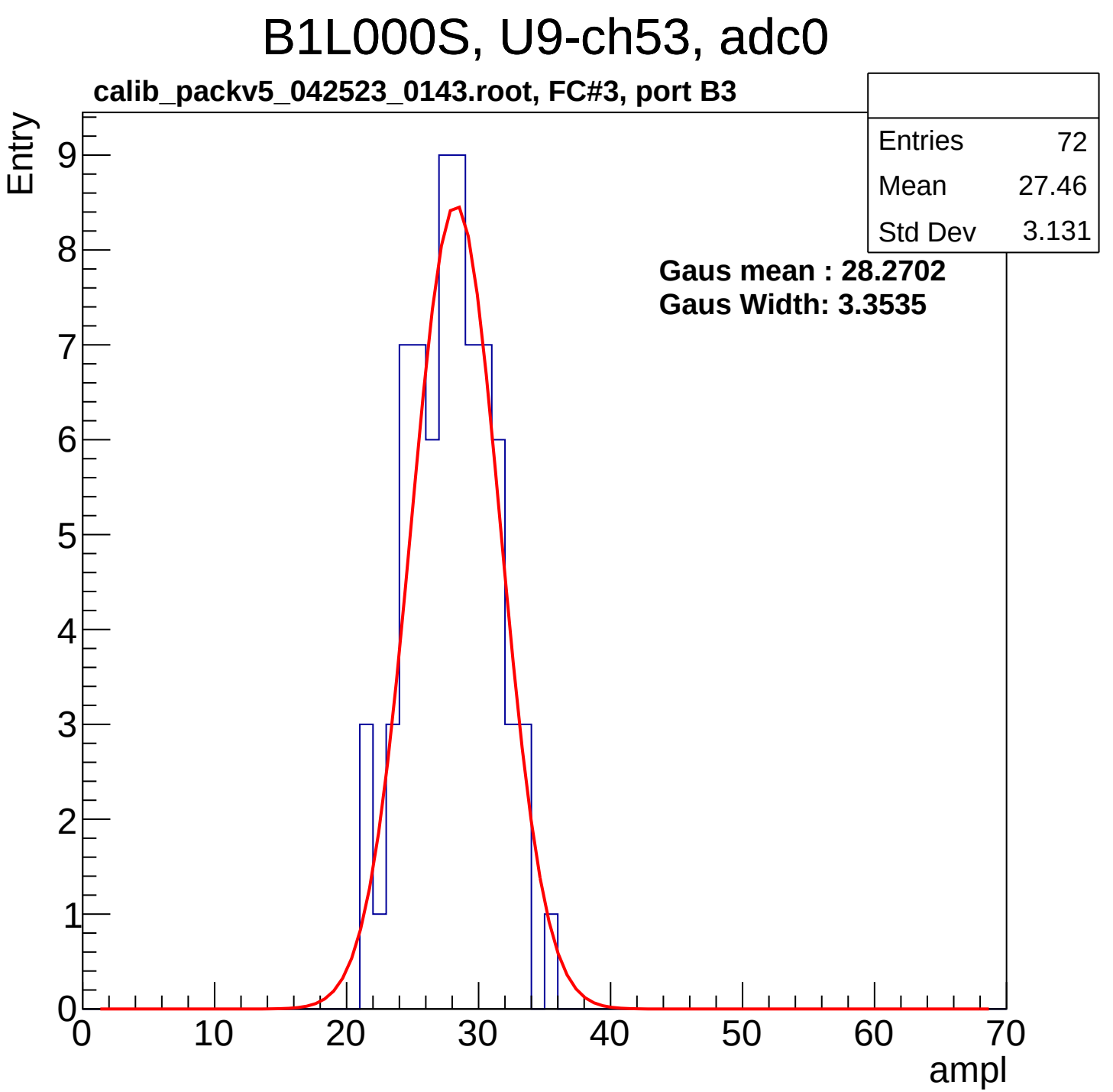
50
60
70
ampl


B1L000S, U9-ch53, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 27.46
Std Dev 3.131
Gaus mean : 28.2702
Gaus Width: 3.3535
Entry
ampl
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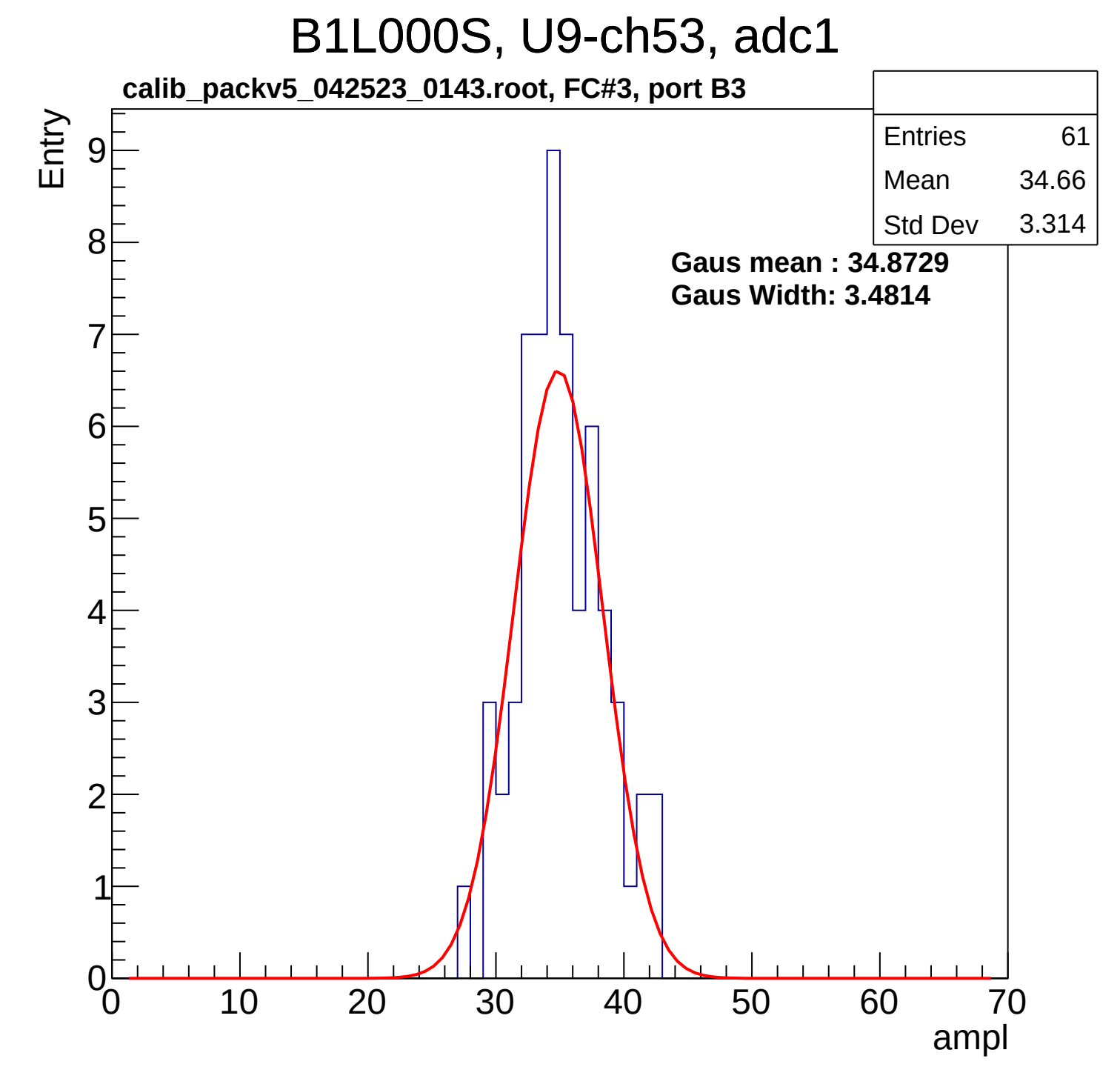
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch53, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 34.66
Std Dev 3.314
Gaus mean : 34.8729
Gaus Width: 3.4814
Entry
ampl
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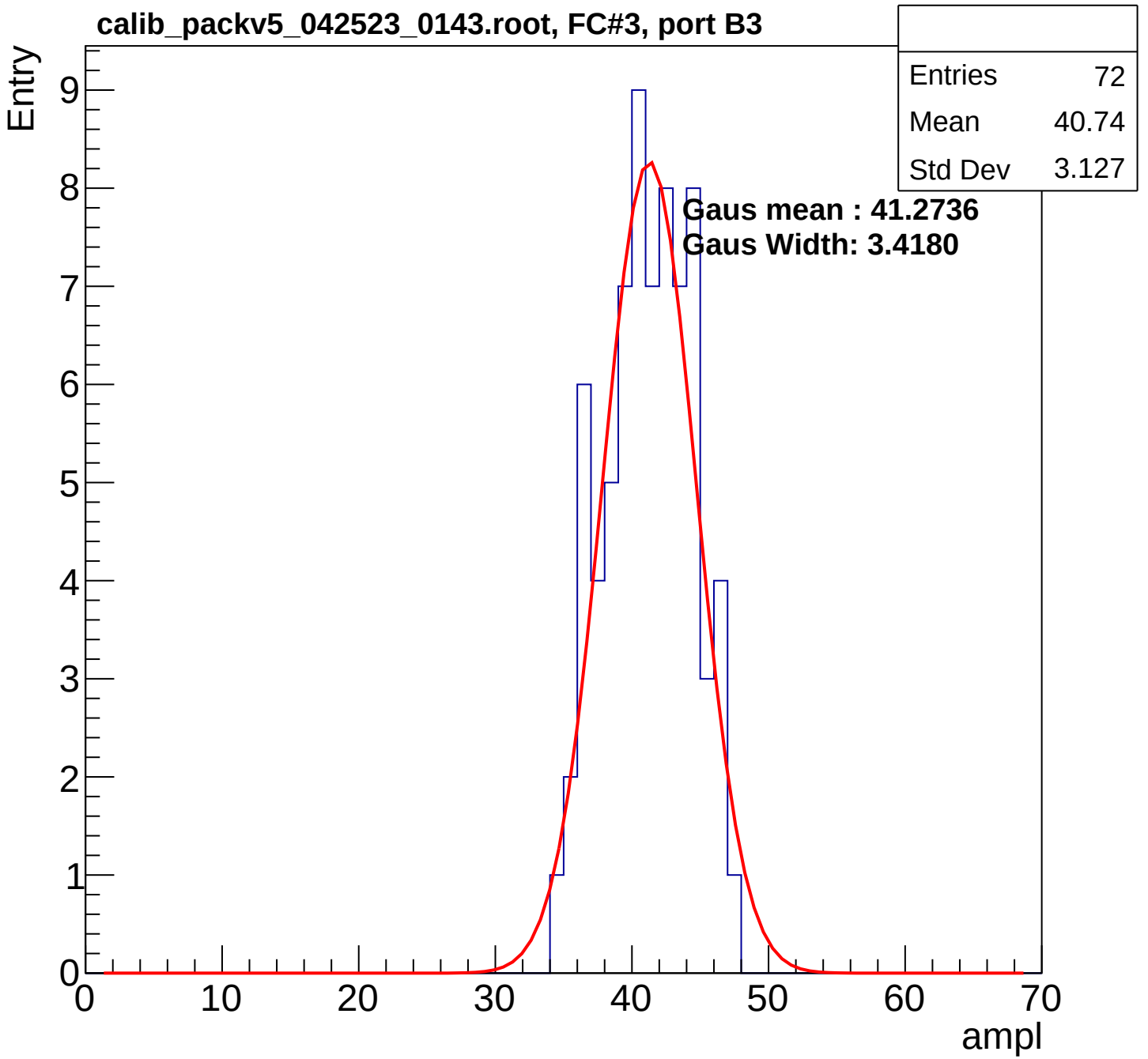
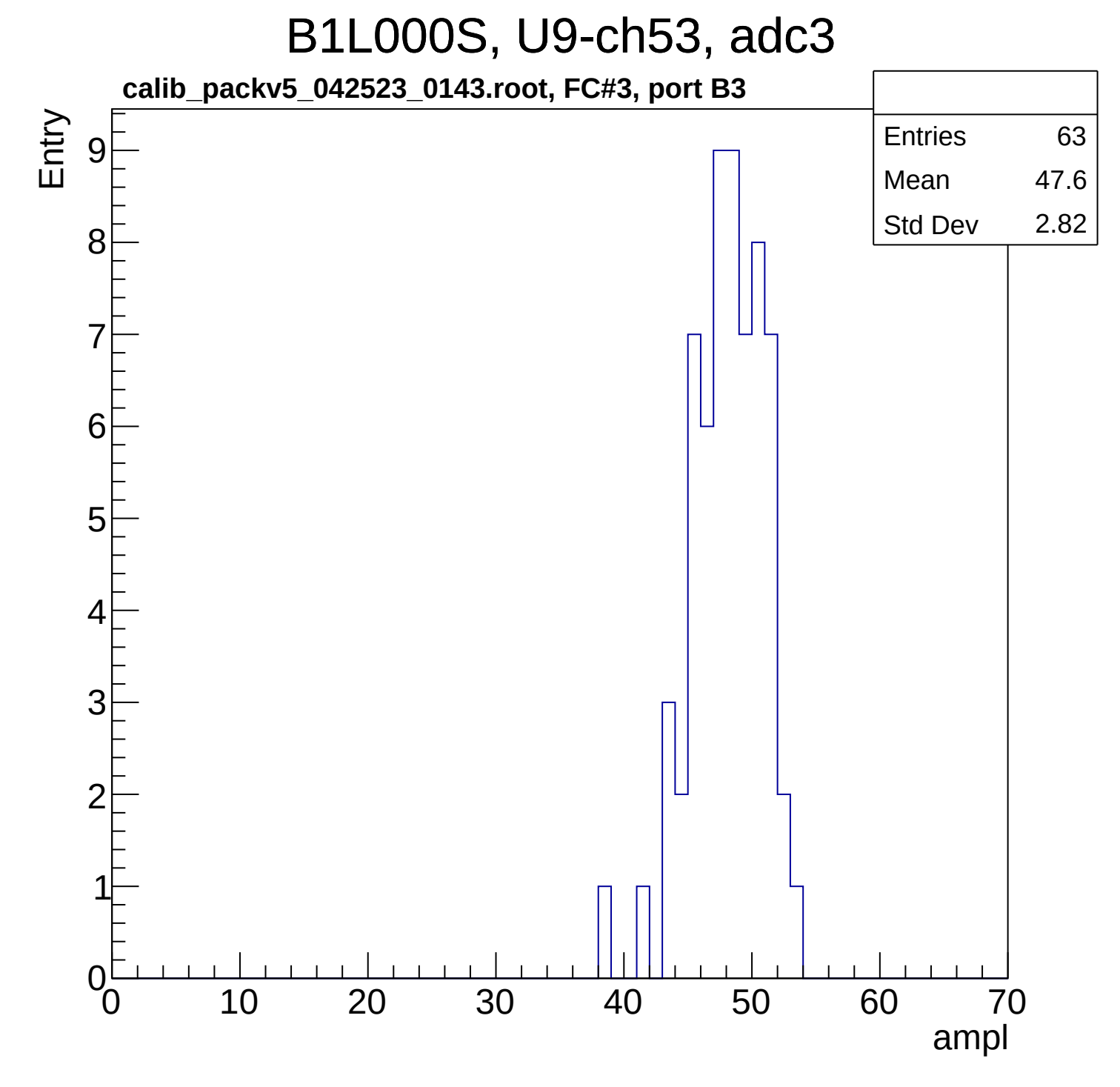
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch53, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 40.74
Std Dev 3.127
Gaus mean : 41.2736
Gaus Width: 3.4180
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch53, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.6
Std Dev 2.82
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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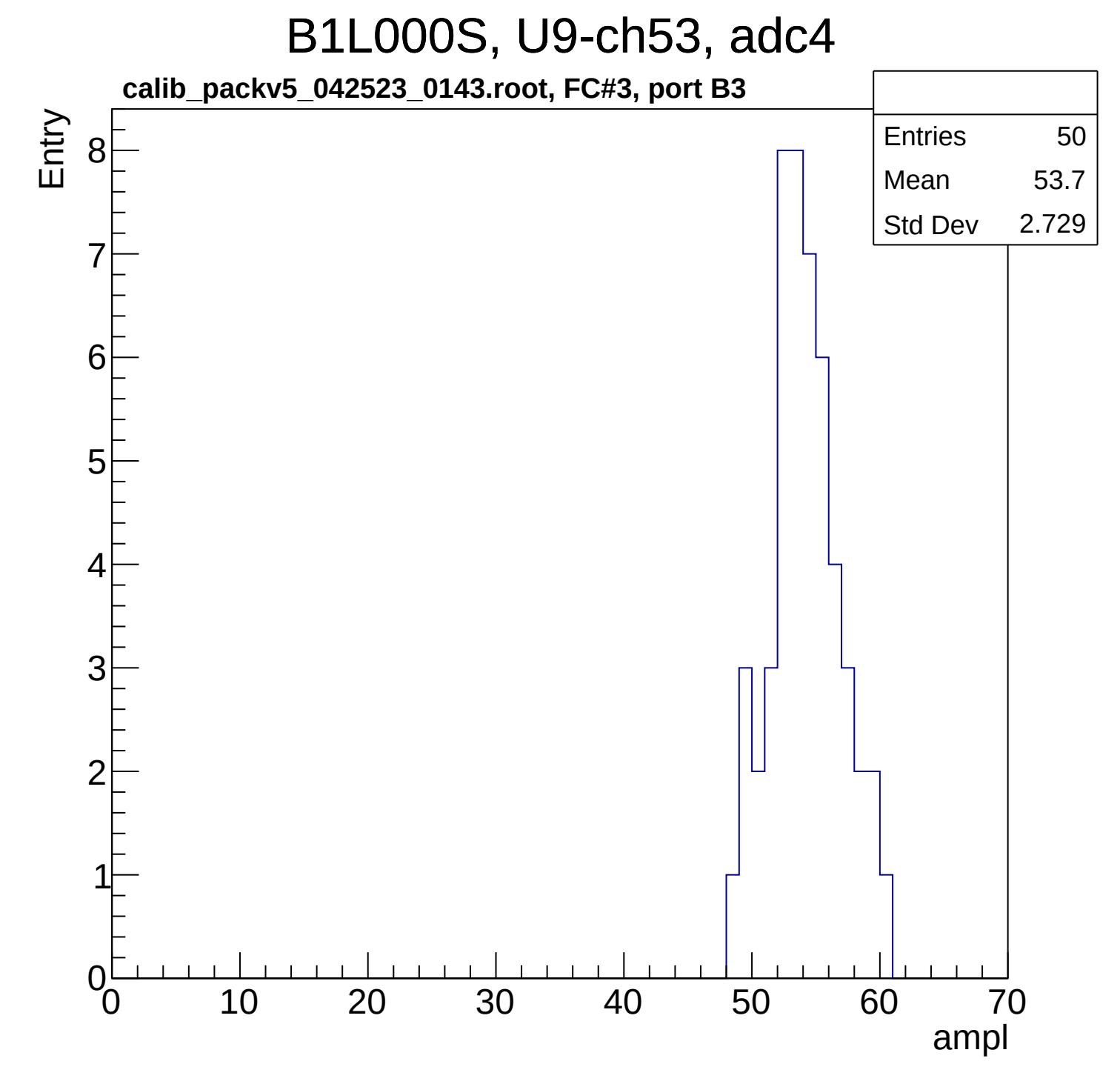
B1L000S, U9-ch53, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 53.7
Std Dev 2.729
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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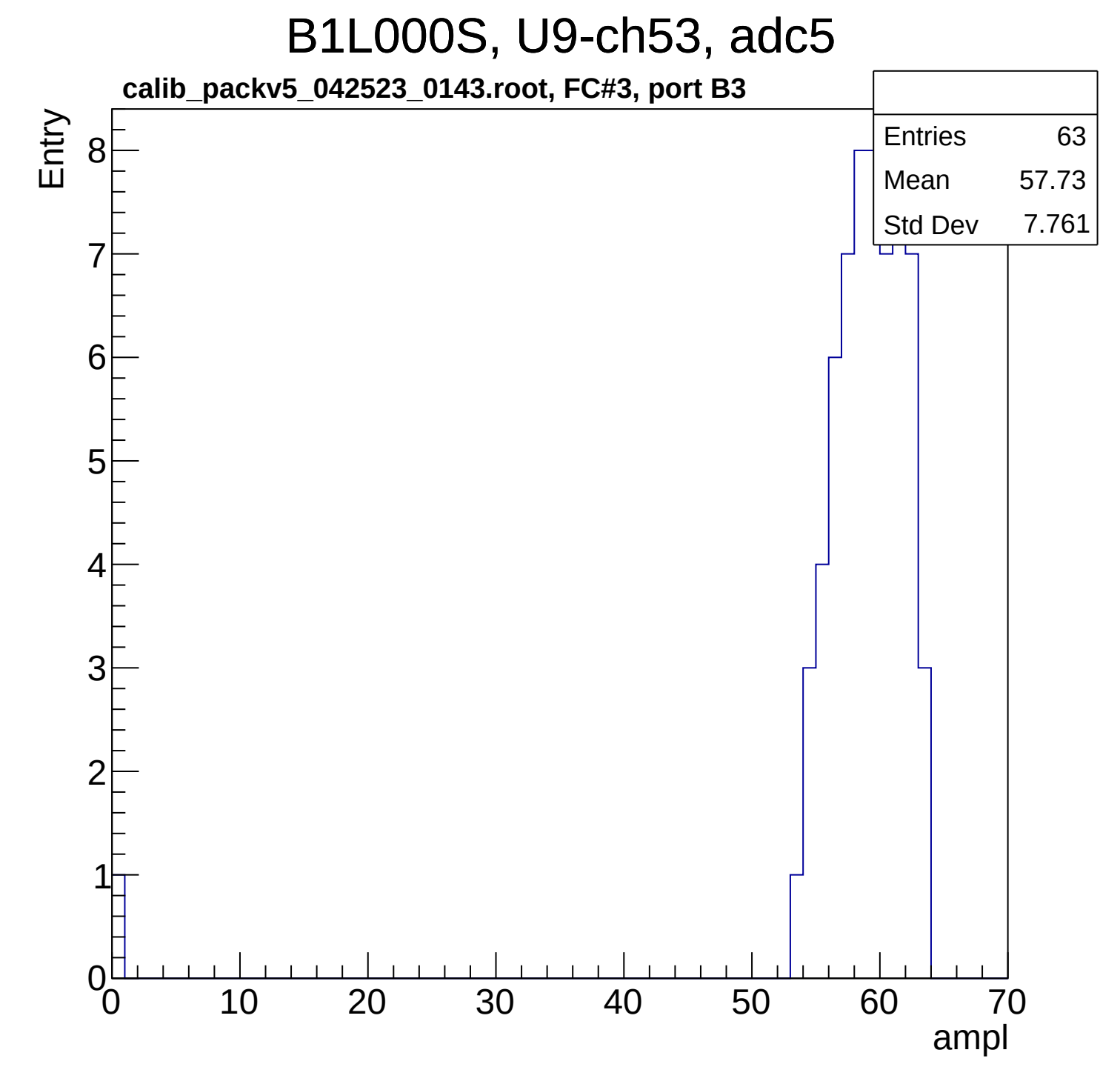
B1L000S, U9-ch53, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.73
Std Dev 7.761
Entry
ampl
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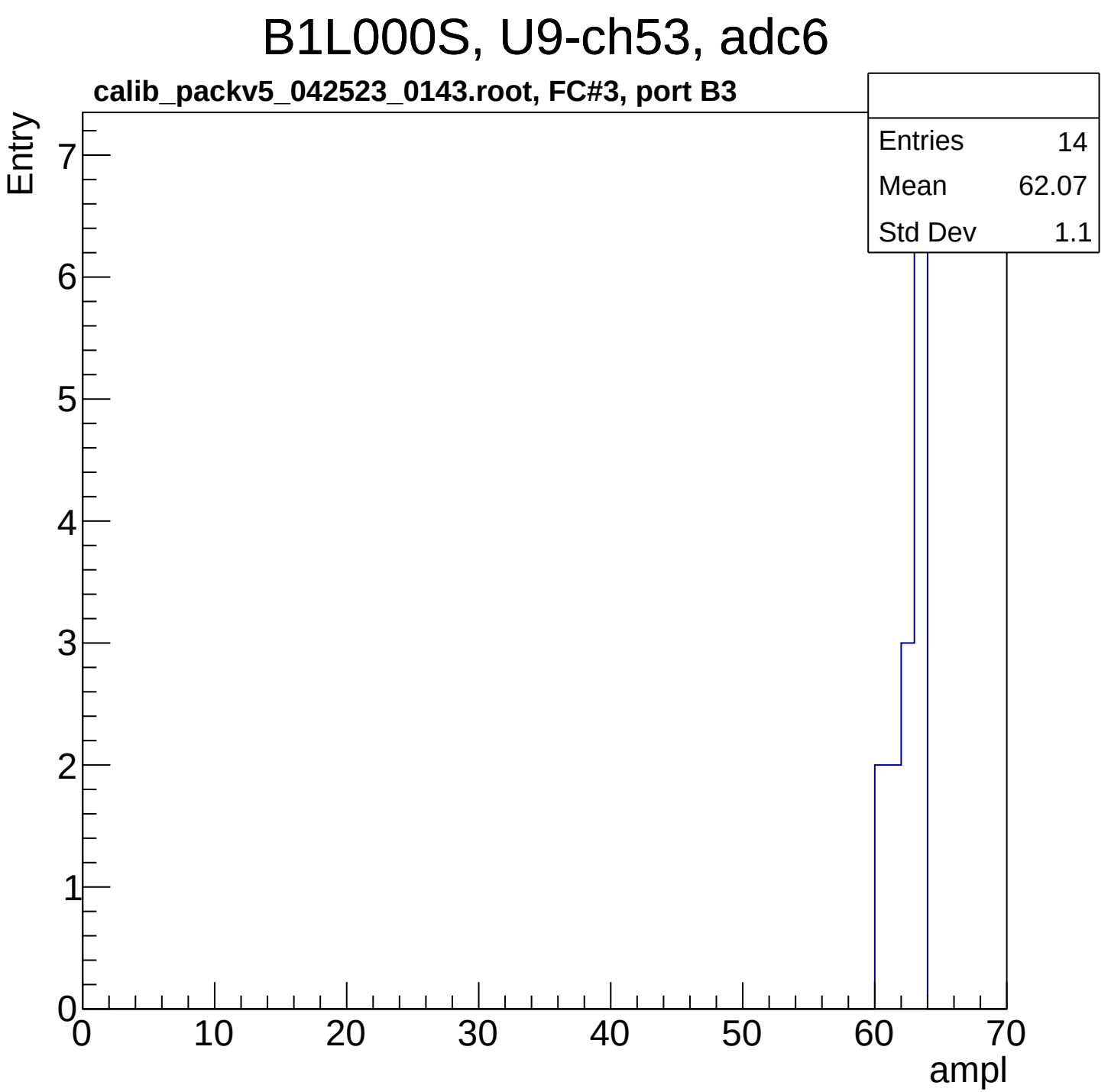
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch53, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 62.07
Std Dev 1.1
Entry
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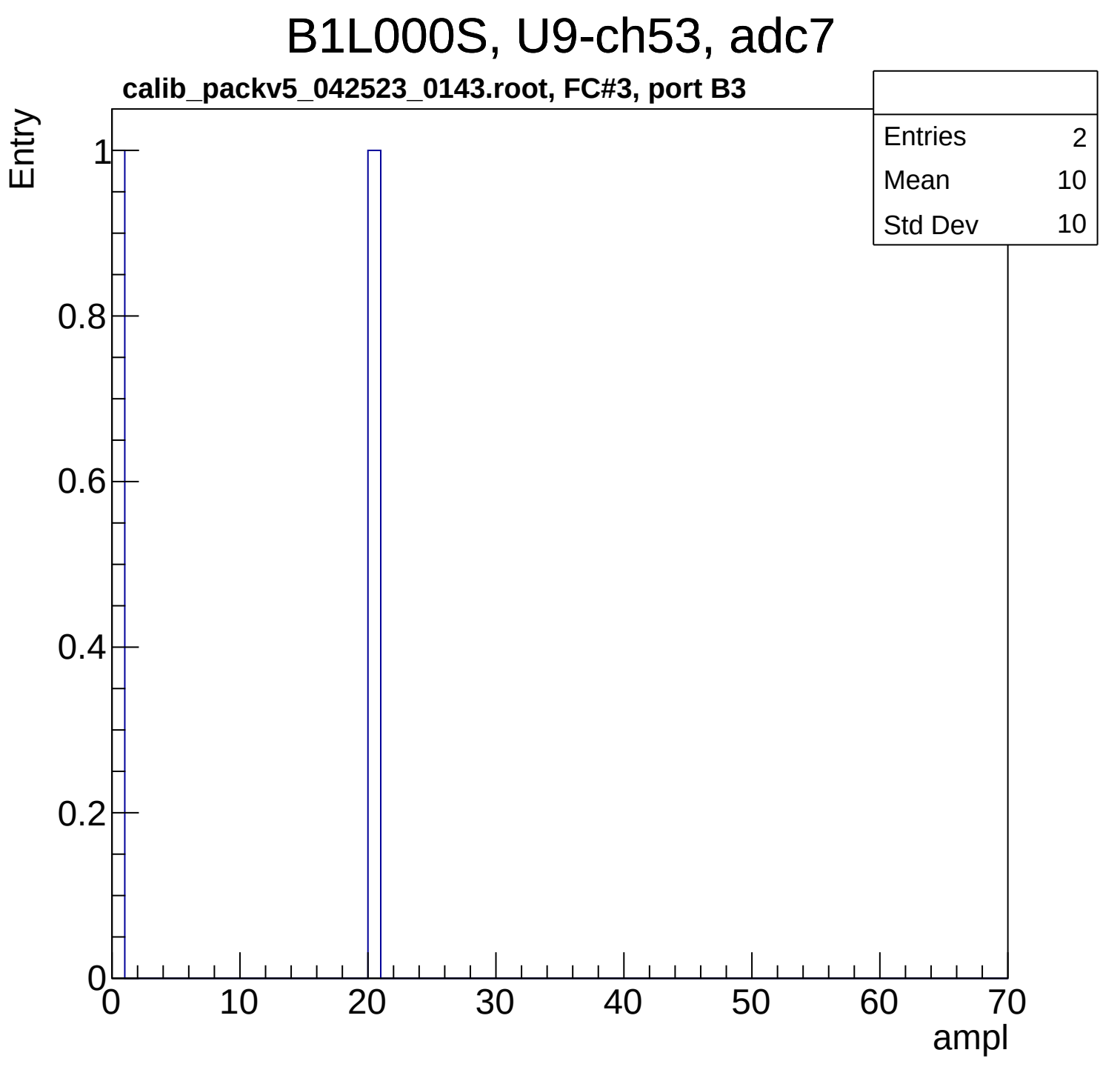
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch53, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10
Std Dev 10
Entry
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0.4
0.2
0
0
10
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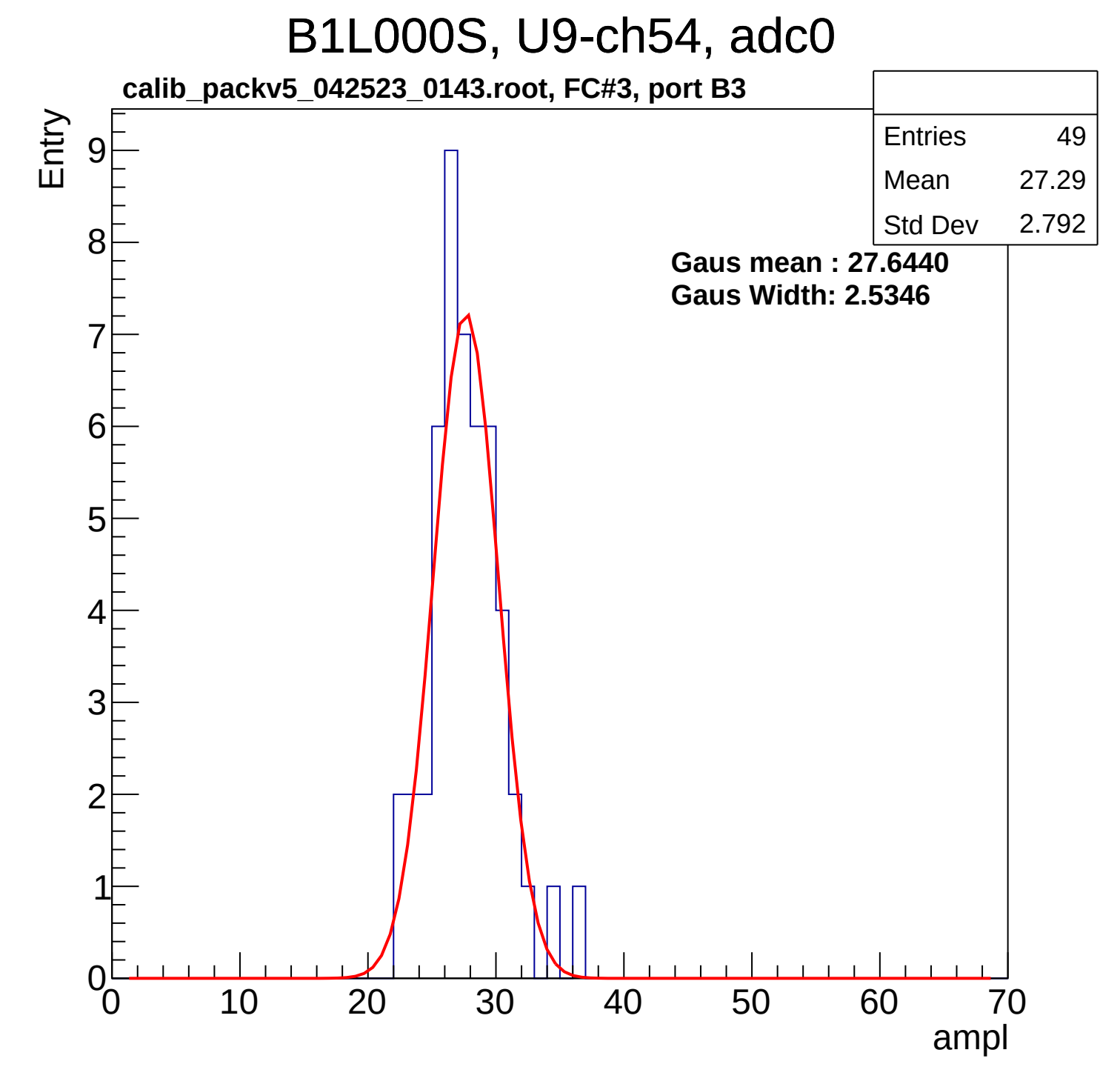
40
50
60
70
ampl


B1L000S, U9-ch54, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 27.29
Std Dev 2.792
Gaus mean : 27.6440
Gaus Width: 2.5346
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
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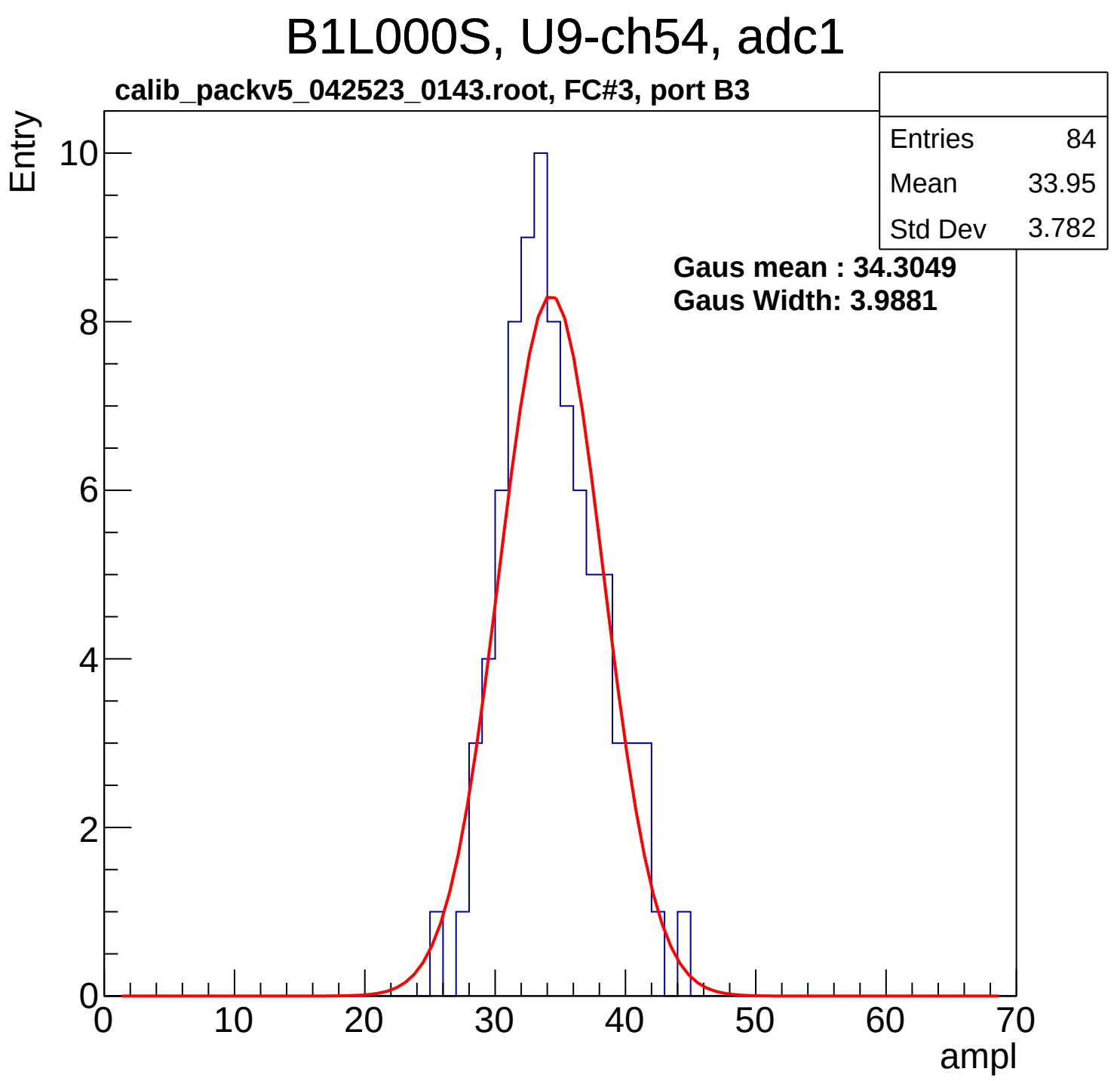
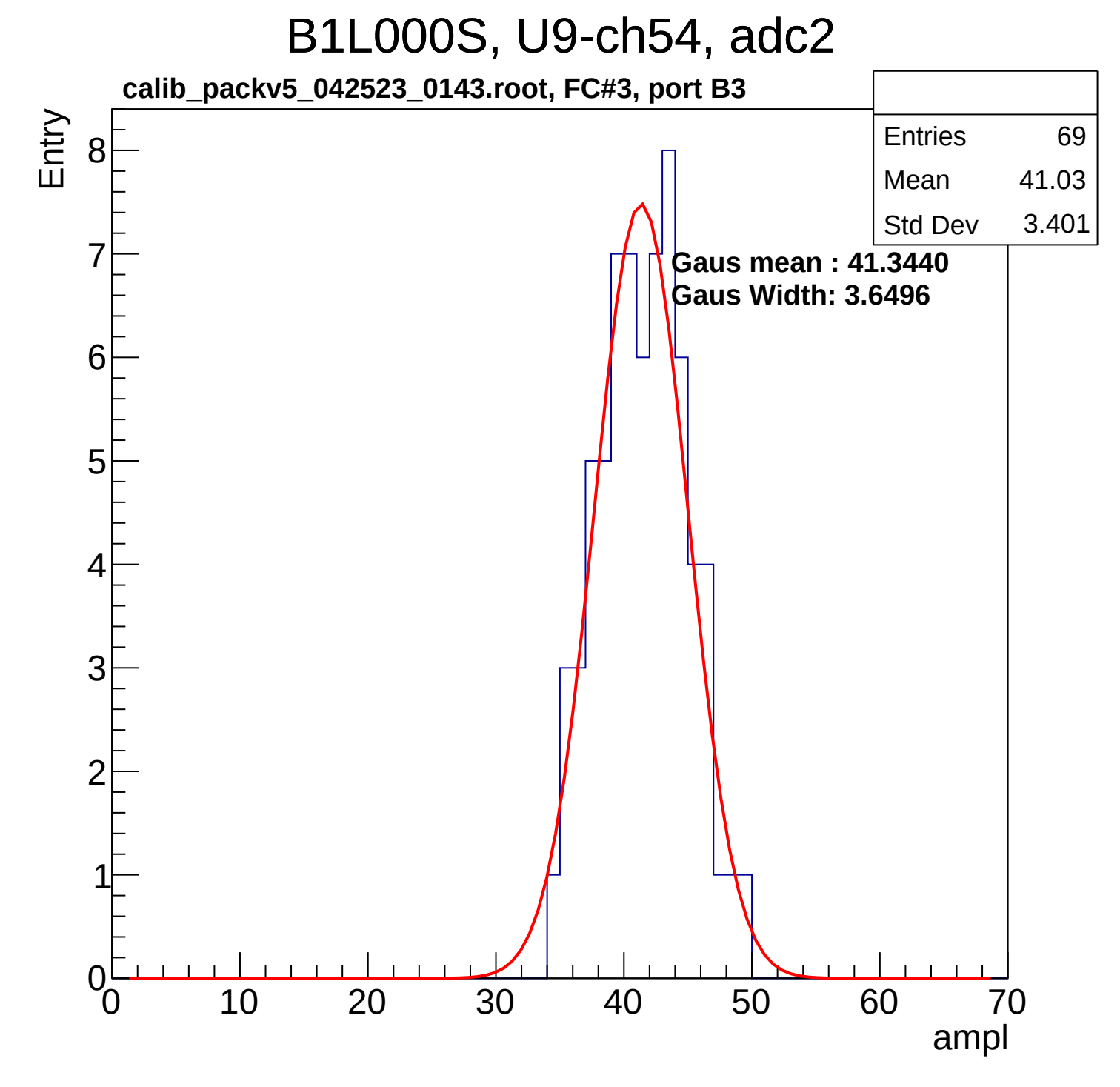

B1L000S, U9-ch54, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 33.95
Std Dev 3.782
Gaus mean : 34.3049
Gaus Width: 3.9881
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch54, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 41.03
Std Dev 3.401
Gaus mean : 41.3440
Gaus Width: 3.6496
Entry
ampl
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2
3
4
5
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0
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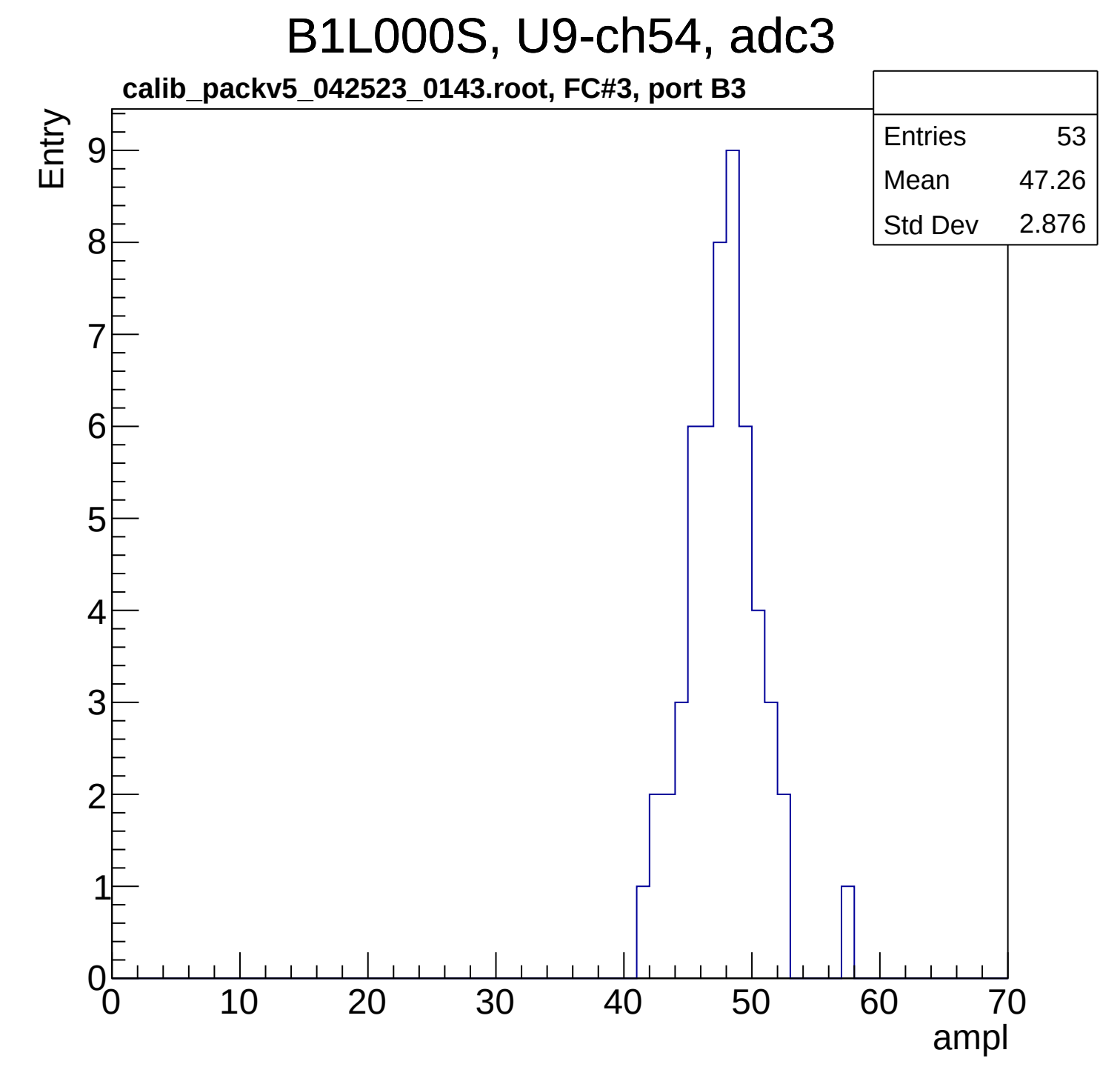
B1L000S, U9-ch54, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 47.26
Std Dev 2.876
Entry
ampl
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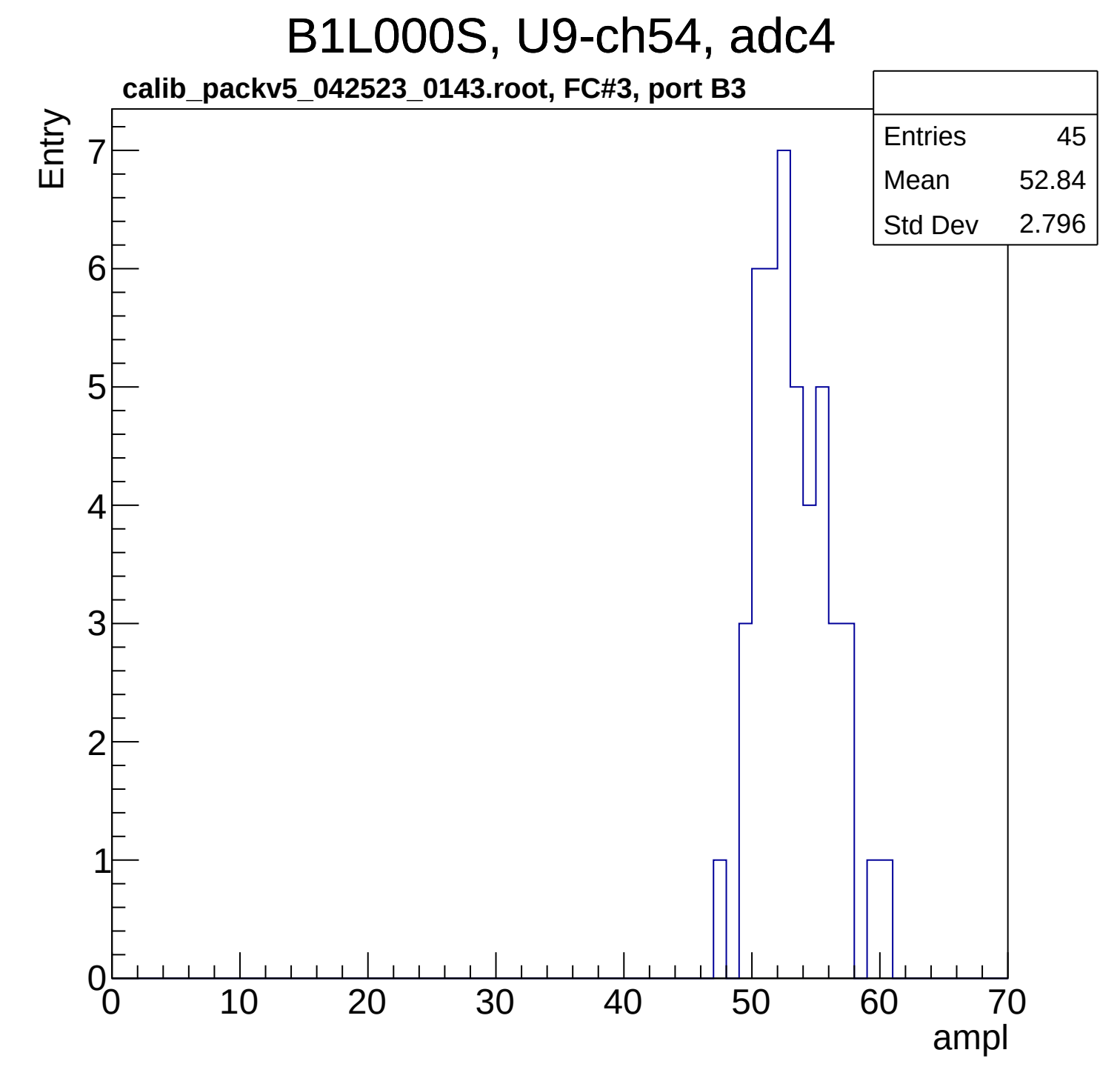
B1L000S, U9-ch54, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 52.84
Std Dev 2.796
Entry
ampl
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4
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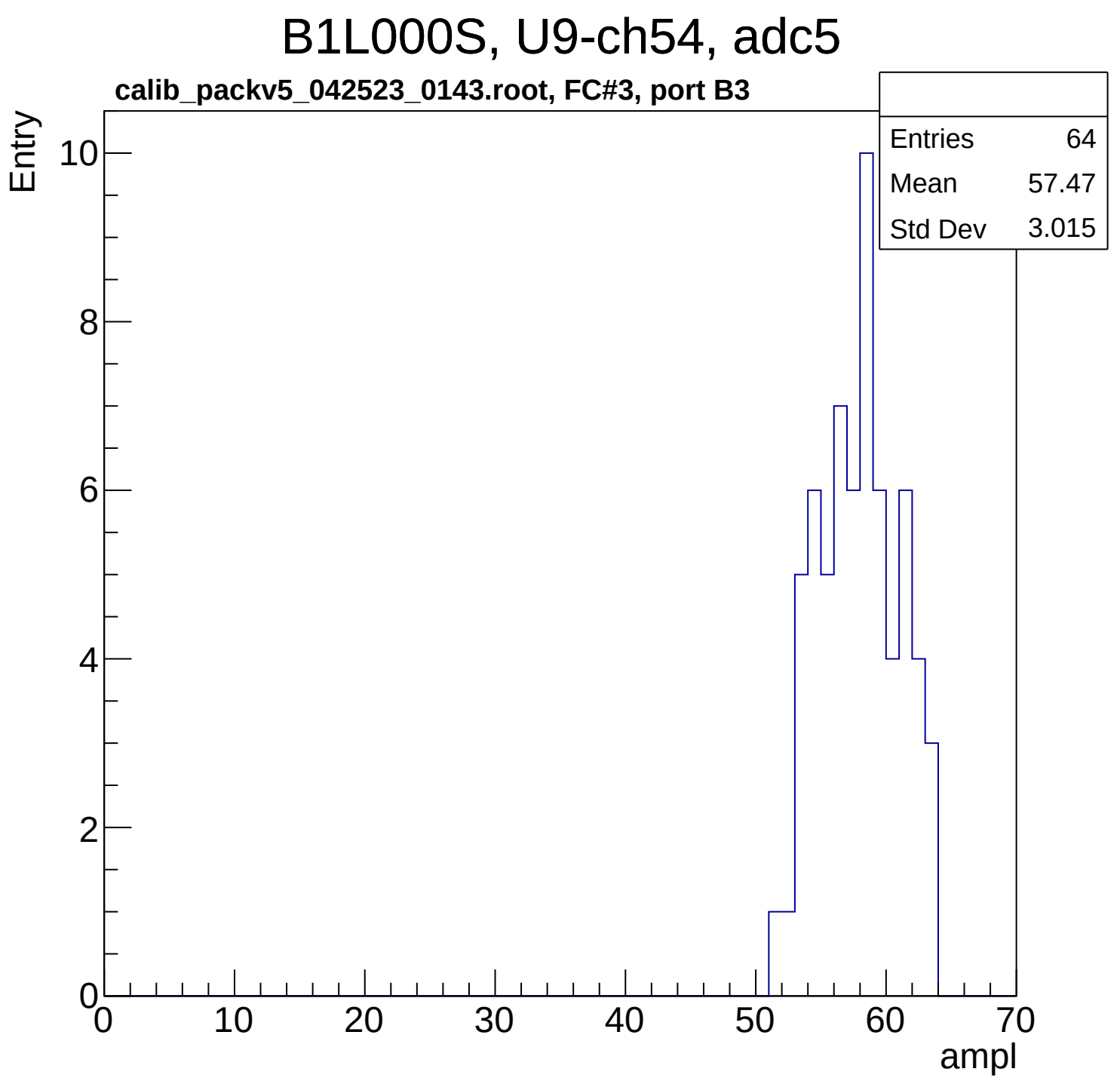
B1L000S, U9-ch54, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 57.47
Std Dev 3.015
Entry
0
2
4
6
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10
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10
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50
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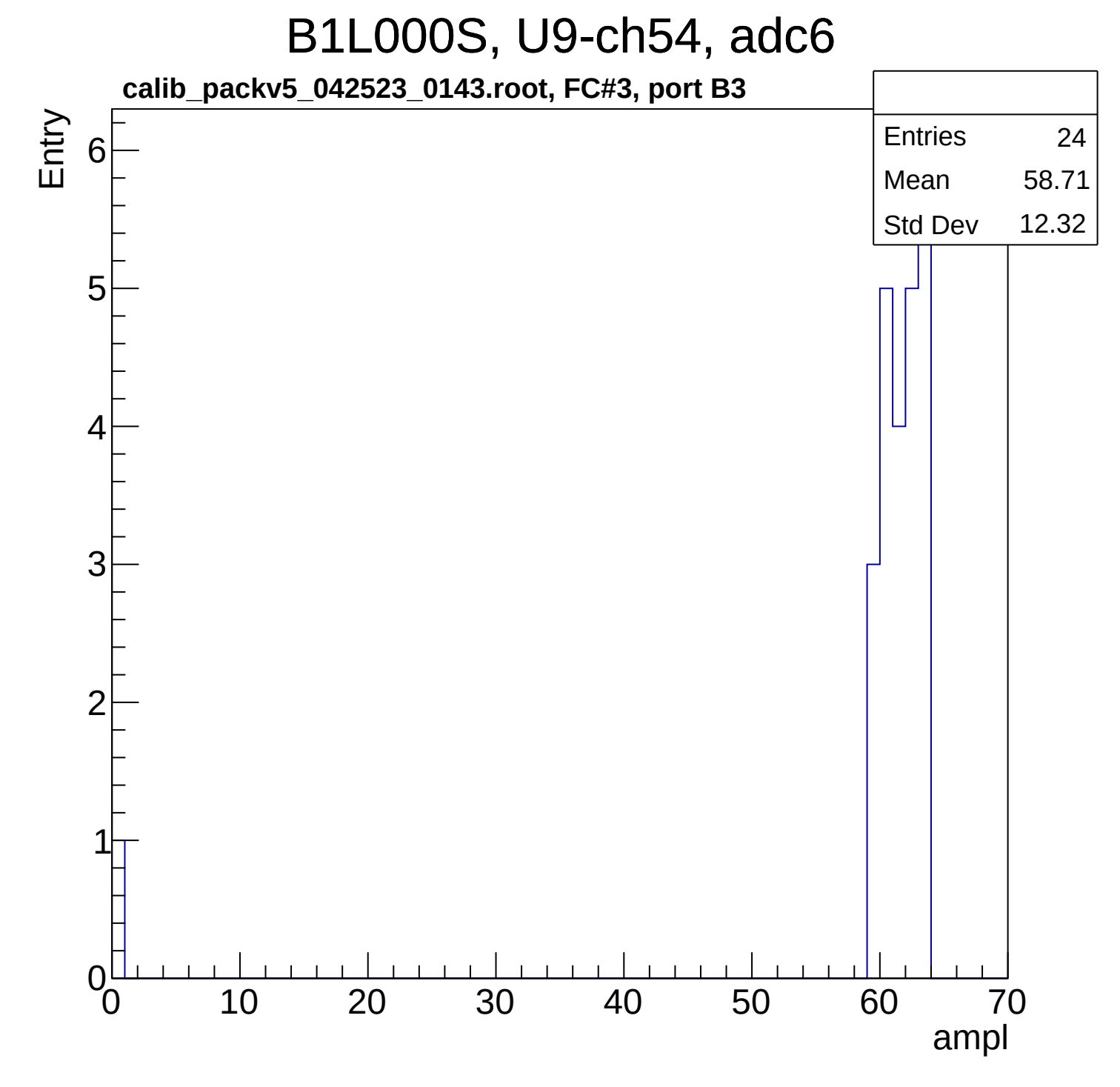
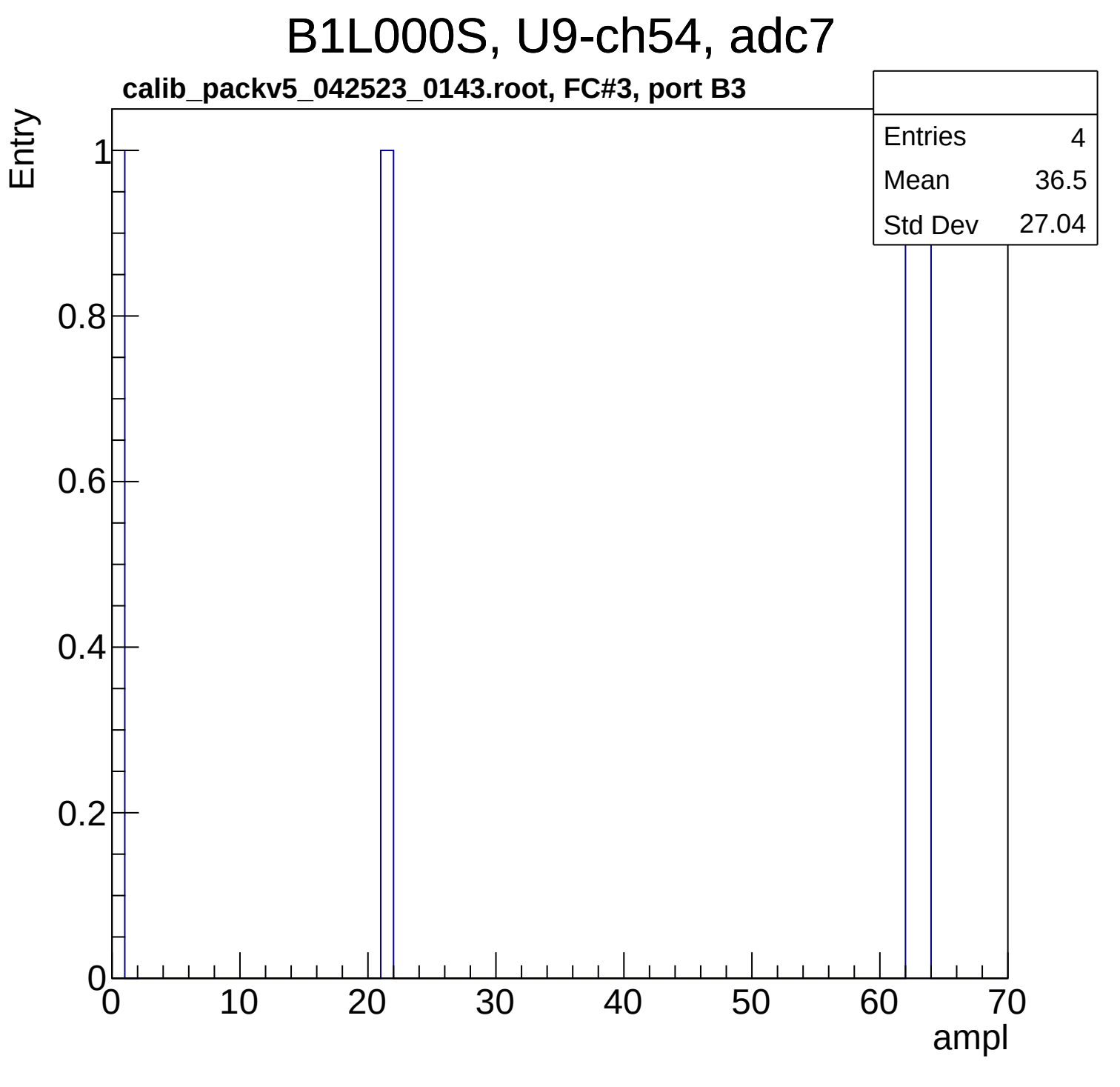
70
ampl


B1L000S, U9-ch54, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.71
Std Dev 12.32
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch54, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 36.5
Std Dev 27.04
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
30
40
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60
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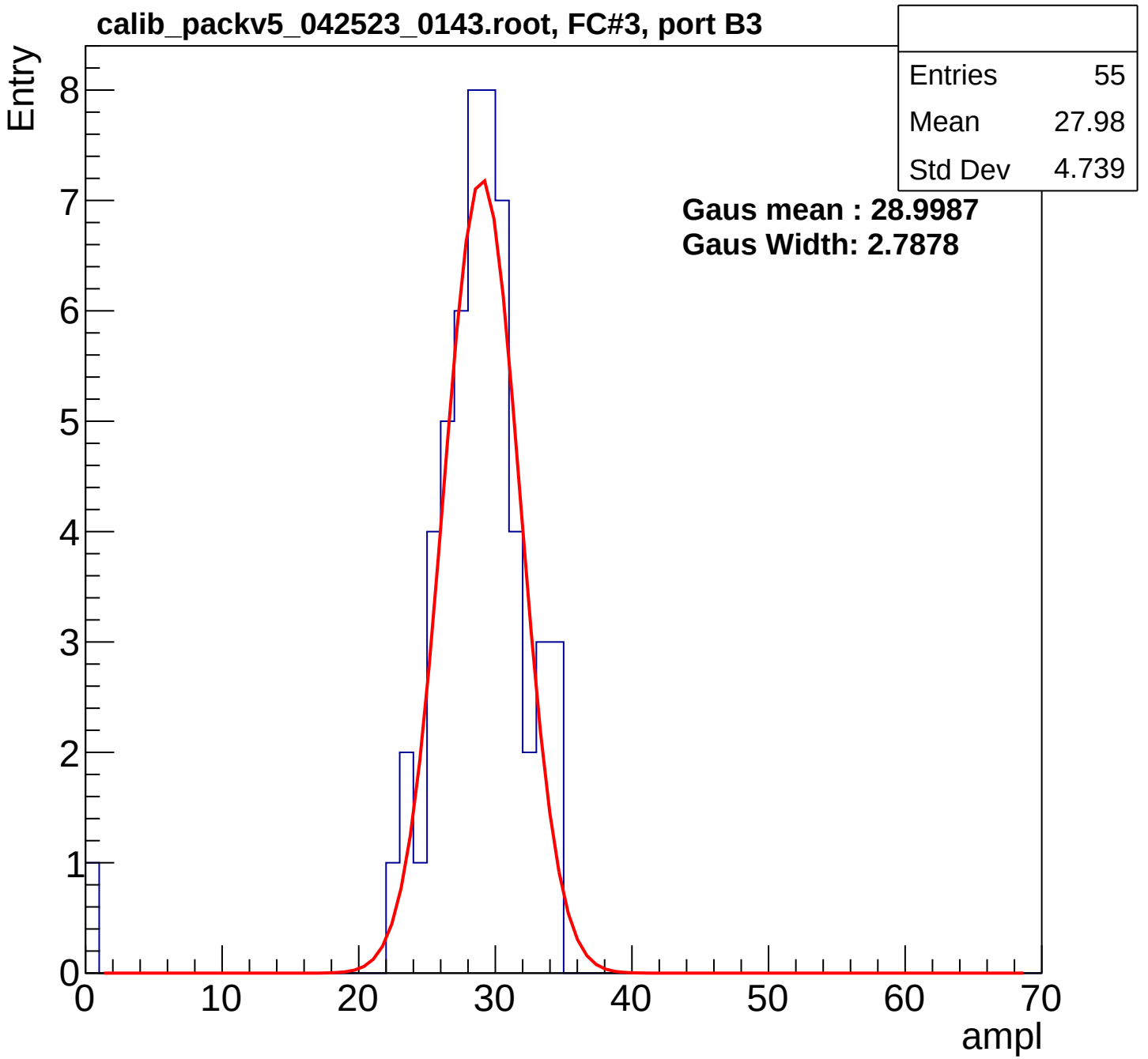
B1L000S, U9-ch55, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 27.98
Std Dev 4.739
Gaus mean : 28.9987
Gaus Width: 2.7878
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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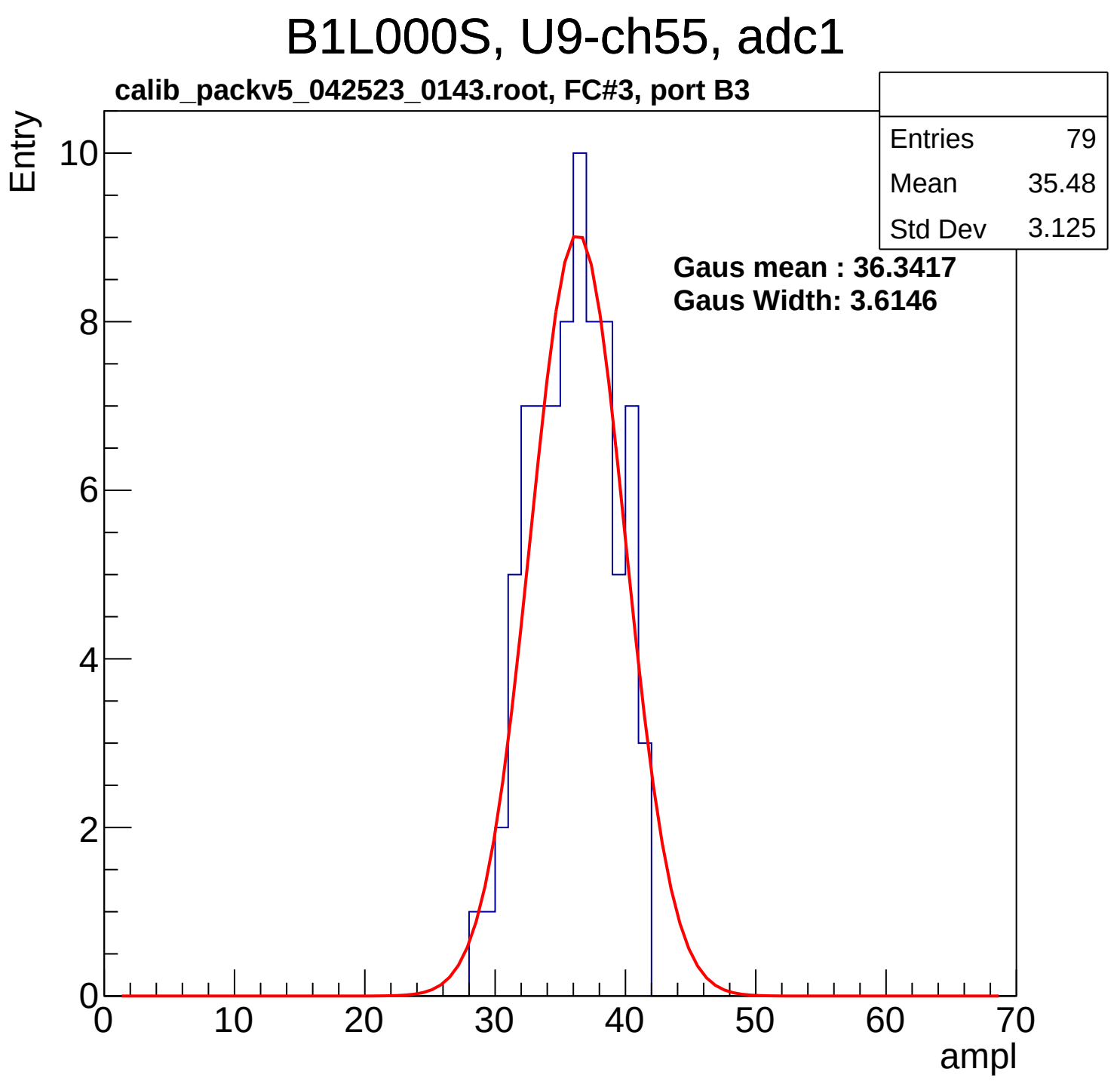
B1L000S, U9-ch55, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 35.48
Std Dev 3.125
Gaus mean : 36.3417
Gaus Width: 3.6146
Entry
ampl
0
2
4
6
8
10
0
10
20
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60
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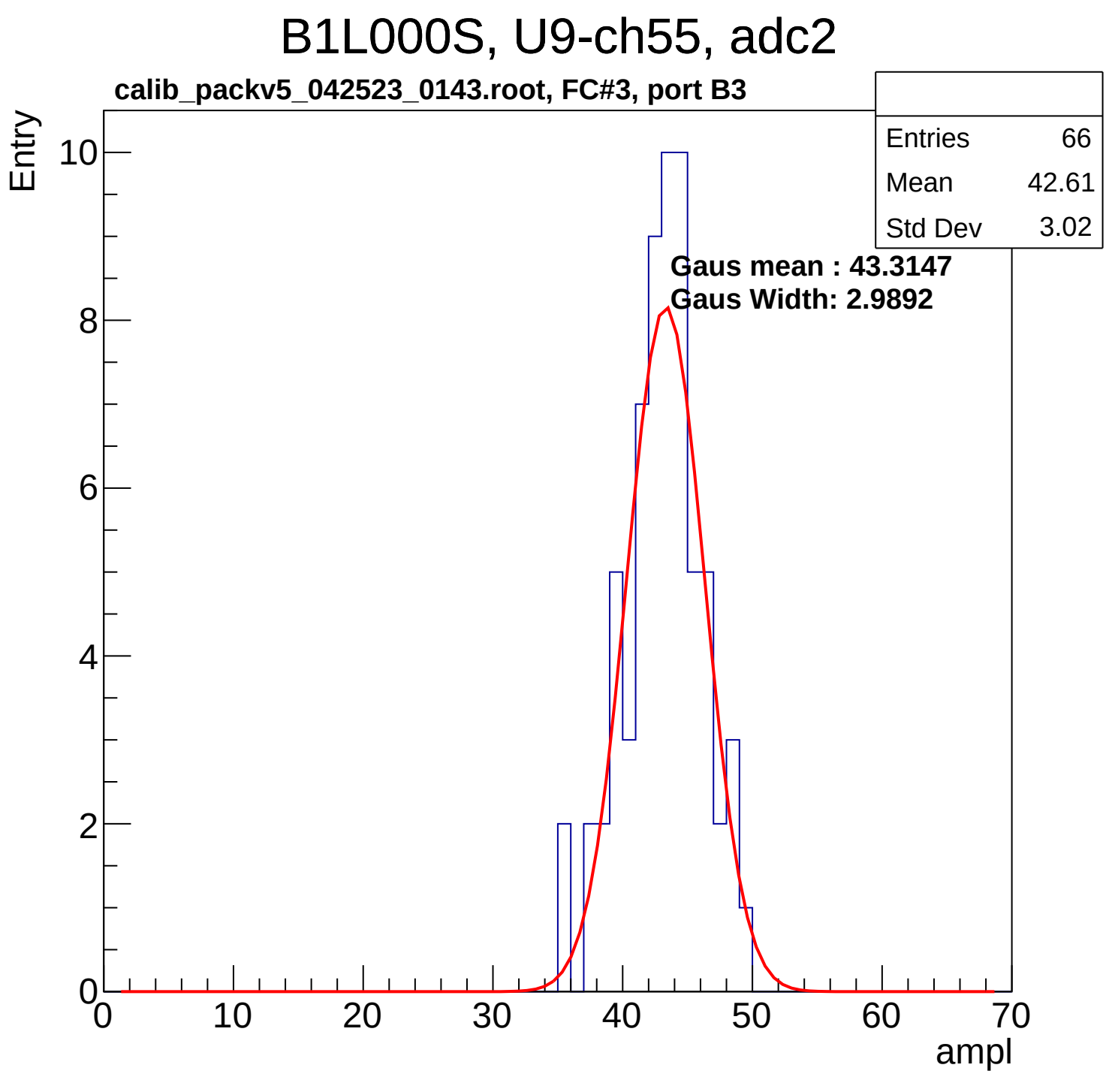
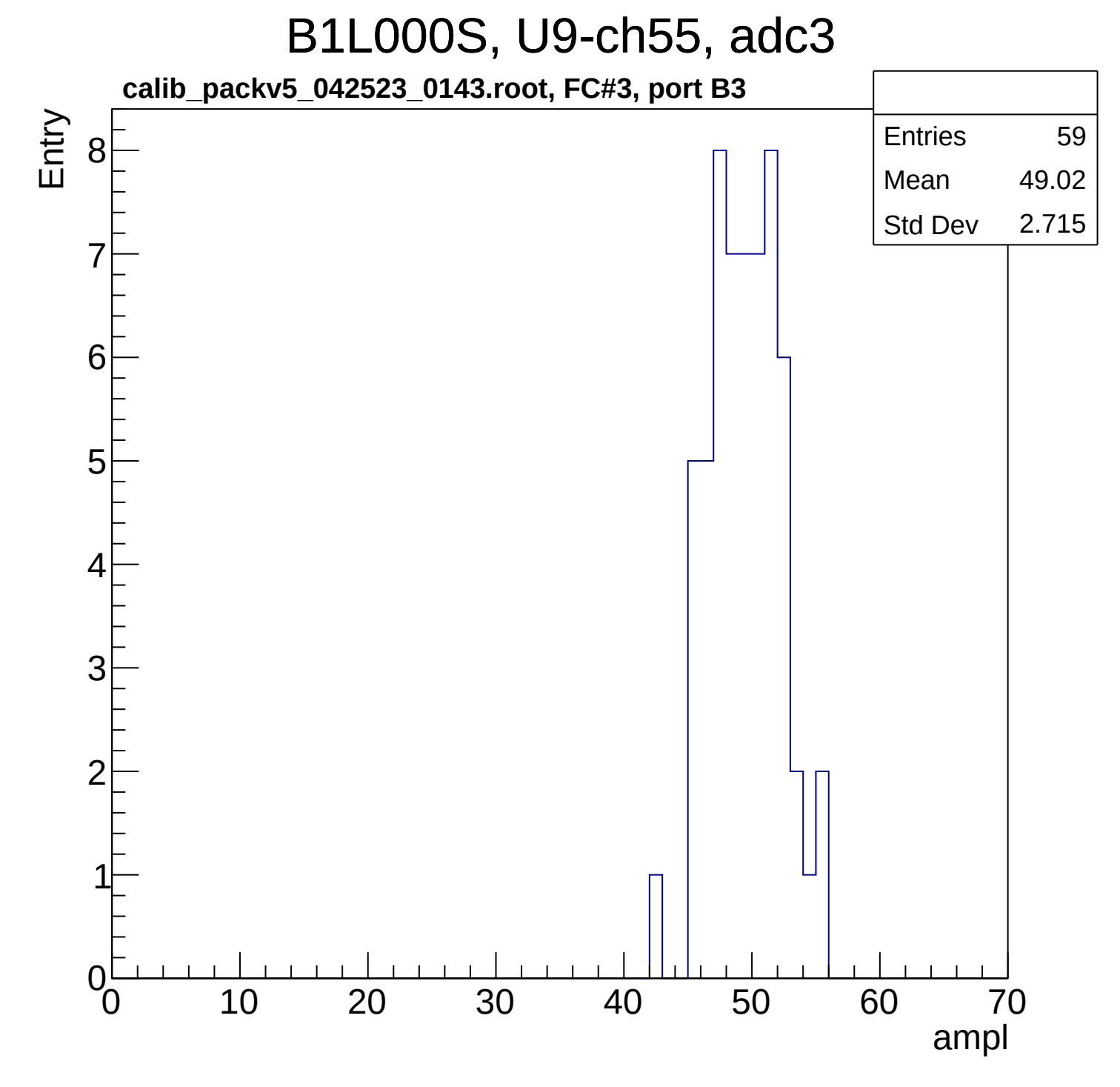

B1L000S, U9-ch55, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 42.61
Std Dev 3.02
Gaus mean : 43.3147
Gaus Width: 2.9892
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch55, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 49.02
Std Dev 2.715
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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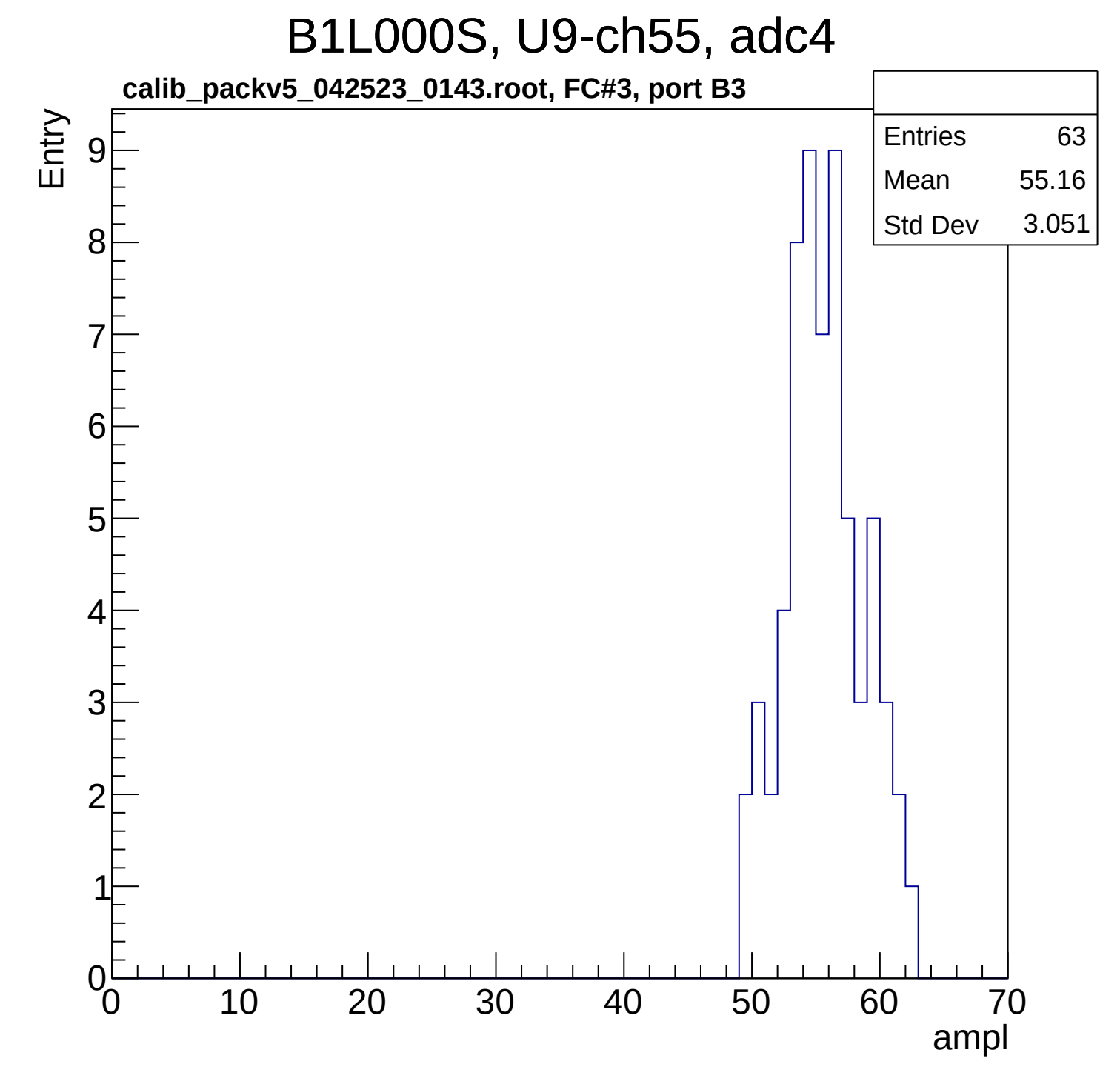
B1L000S, U9-ch55, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 55.16
Std Dev 3.051
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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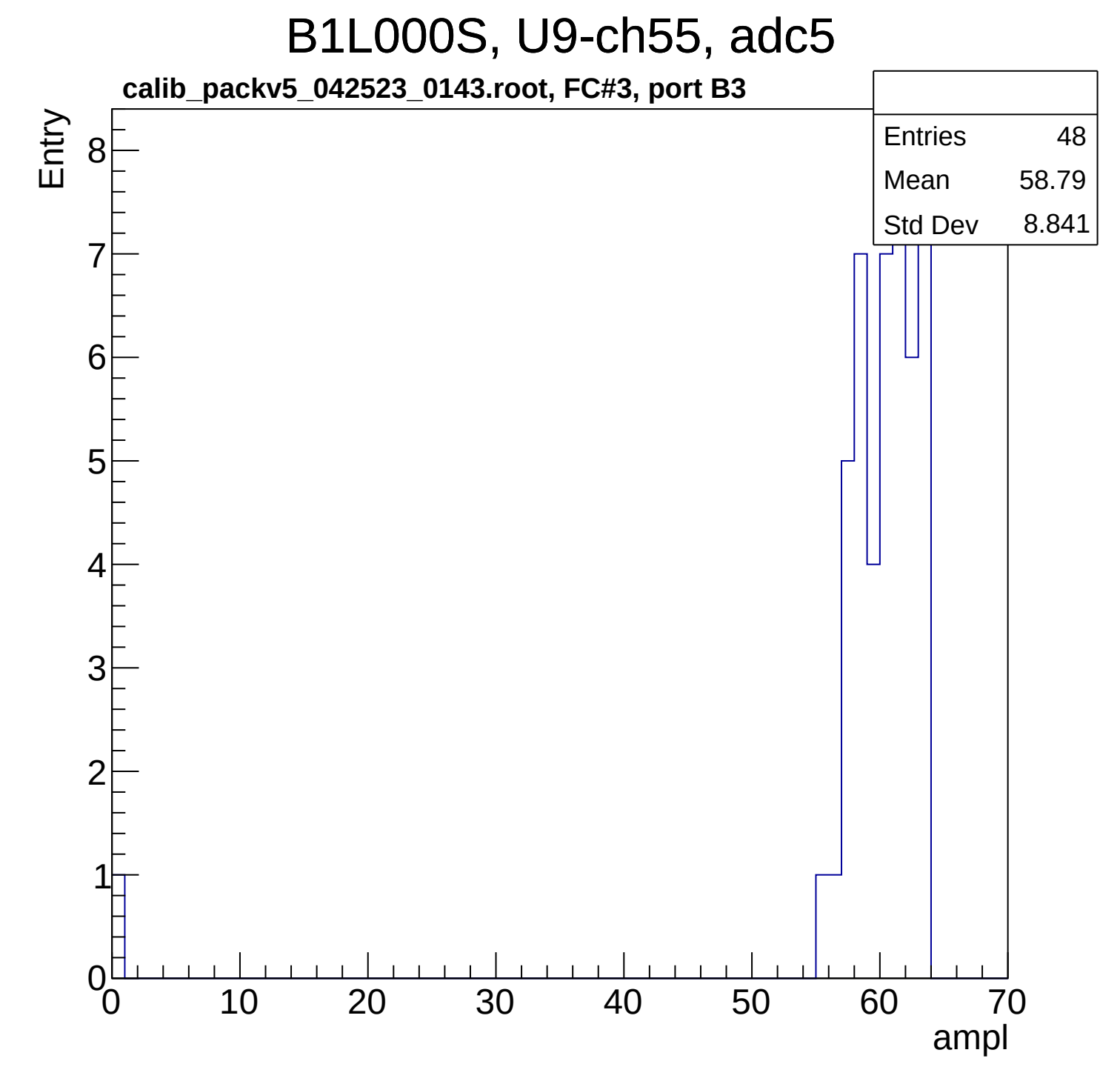
B1L000S, U9-ch55, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.79
Std Dev 8.841
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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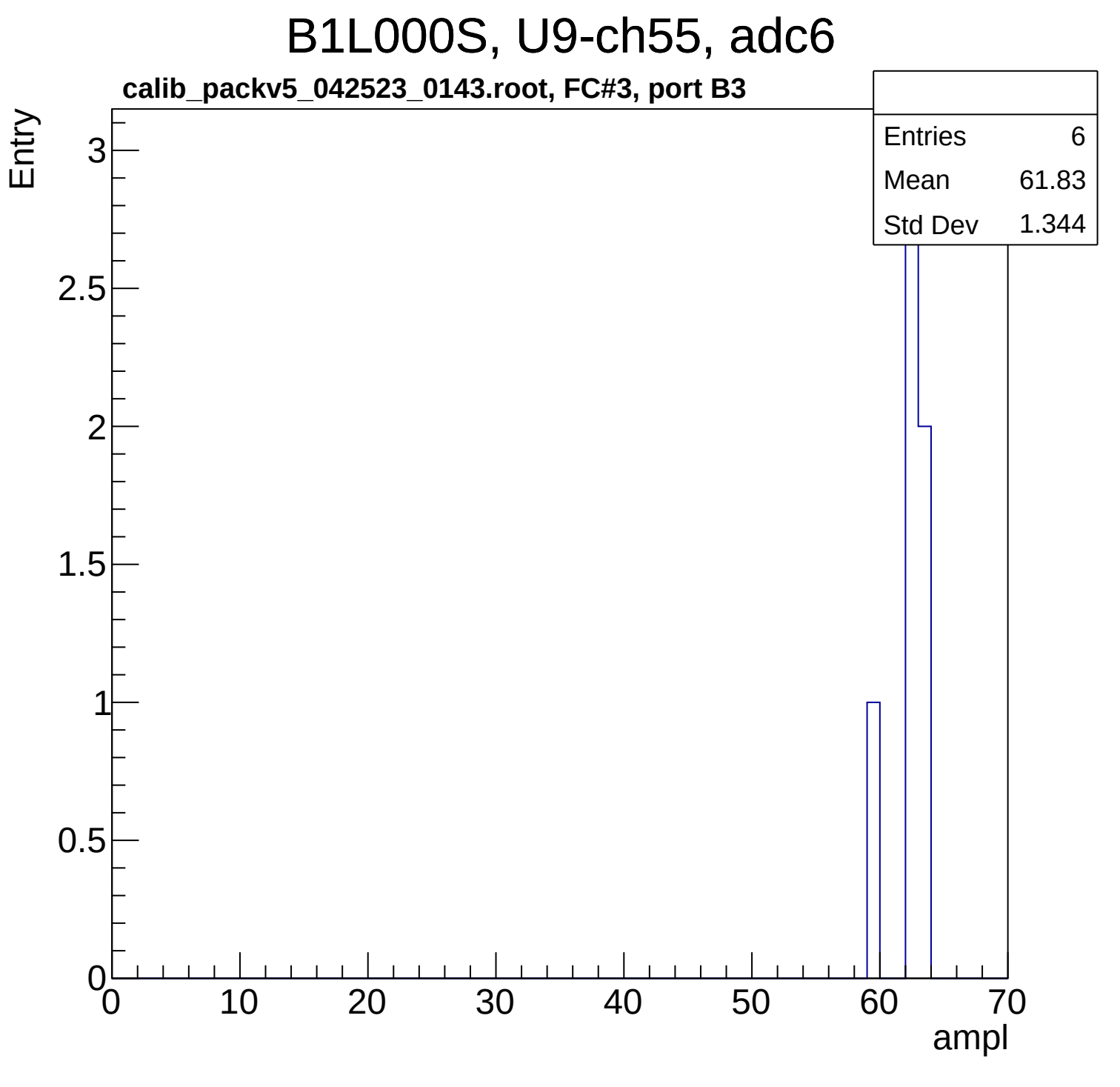
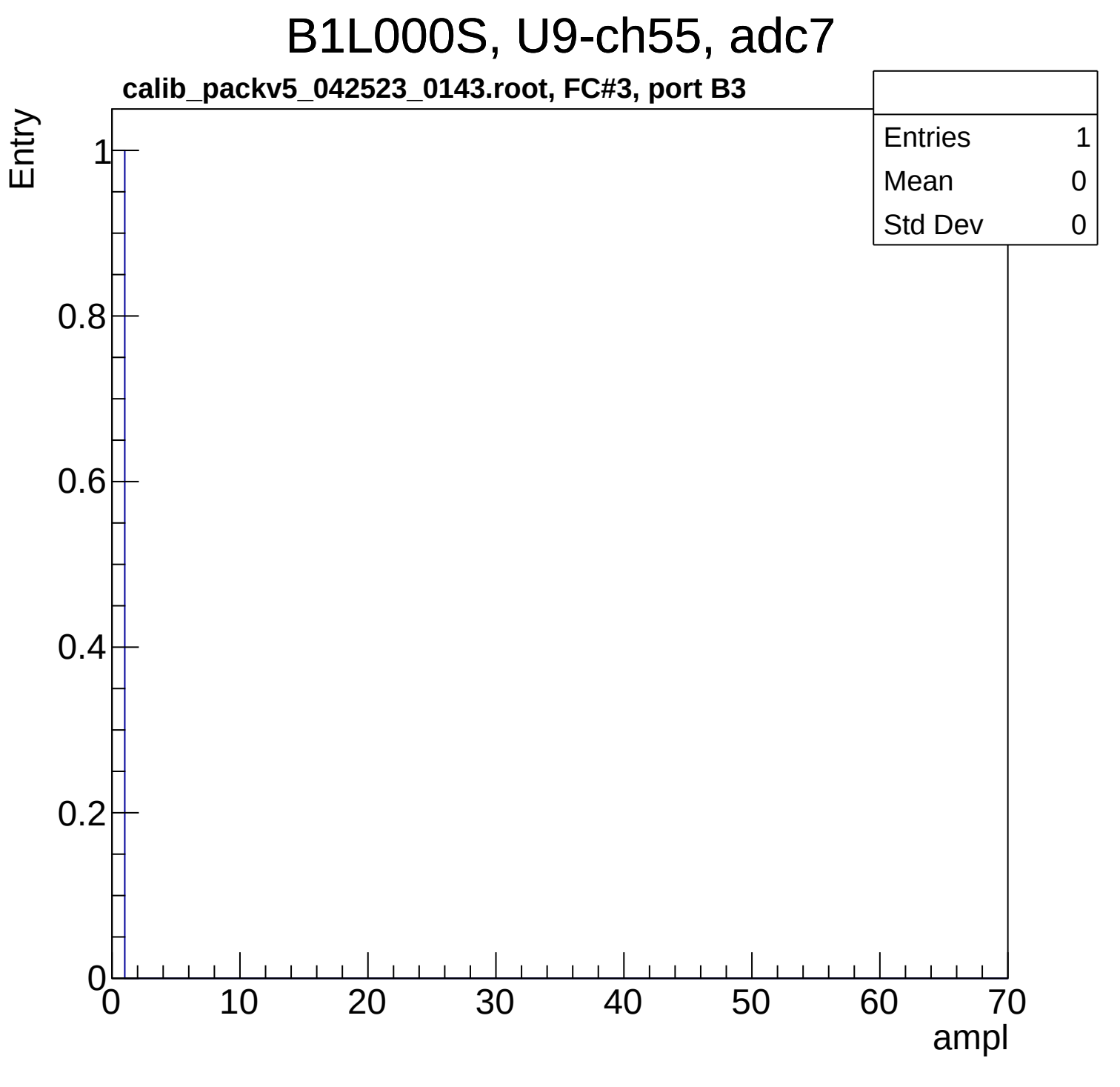

B1L000S, U9-ch55, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.83
Std Dev 1.344
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch55, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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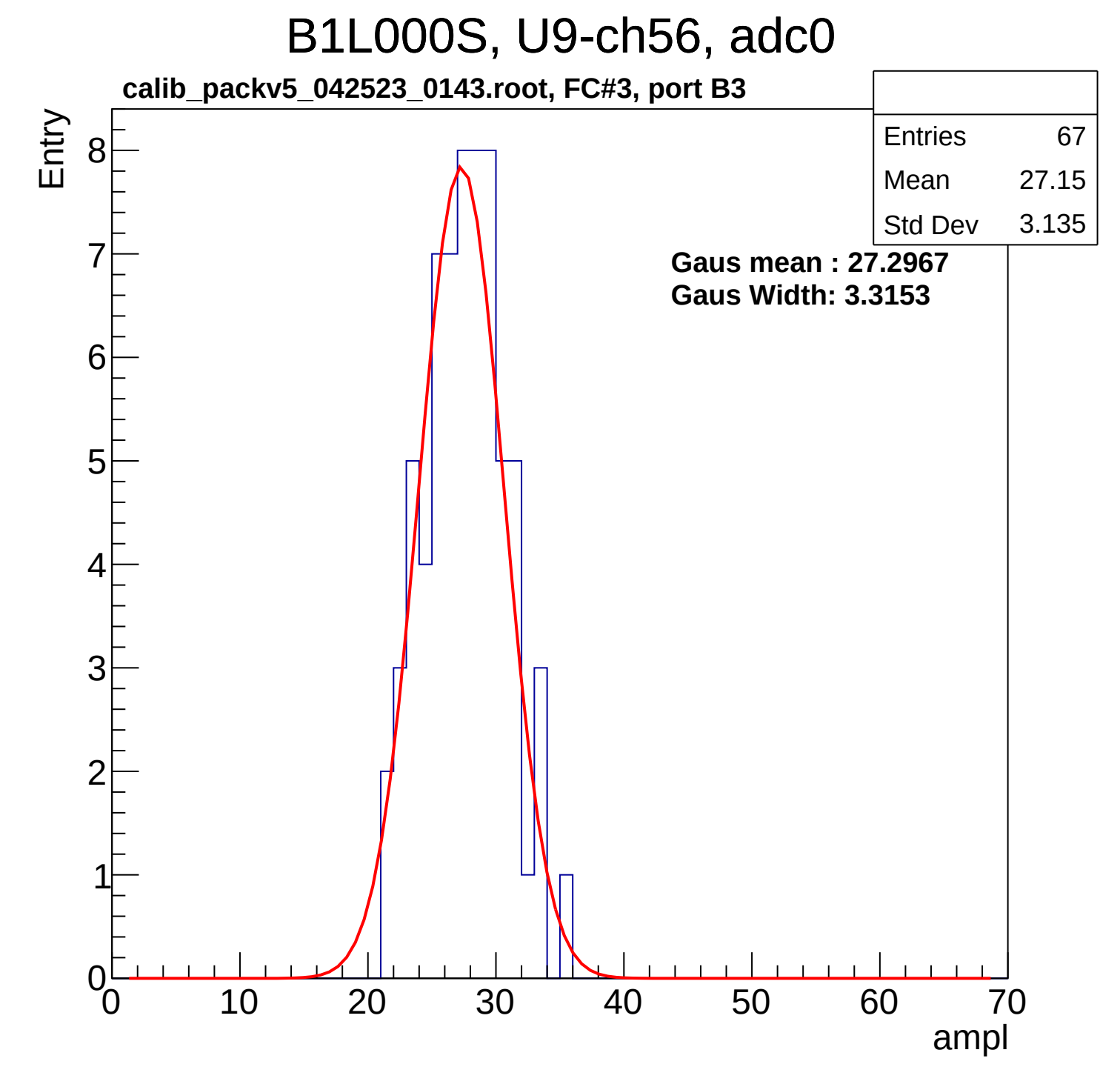
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch56, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 27.15
Std Dev 3.135
Gaus mean : 27.2967
Gaus Width: 3.3153
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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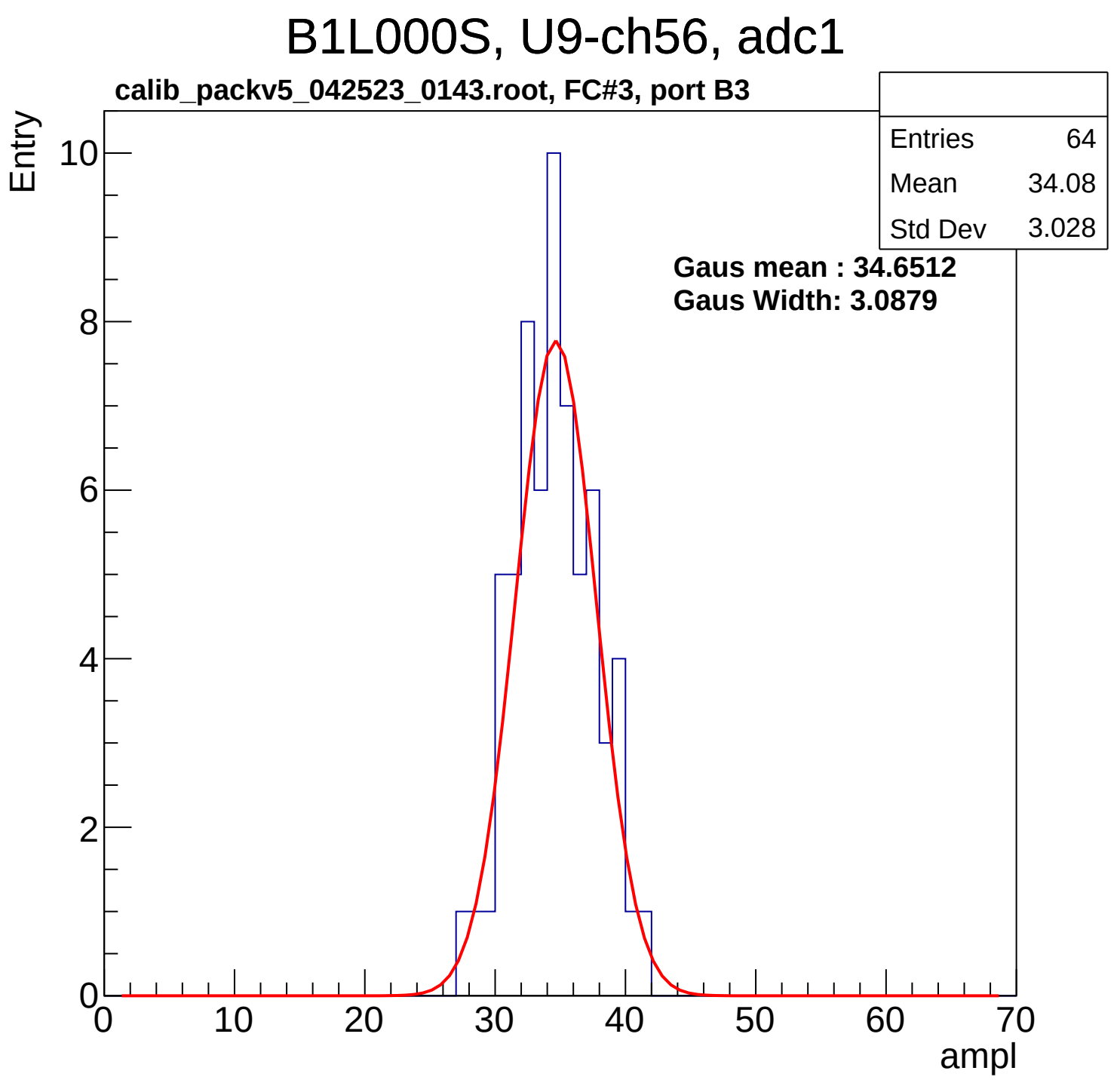
B1L000S, U9-ch56, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 34.08
Std Dev 3.028
Gaus mean : 34.6512
Gaus Width: 3.0879
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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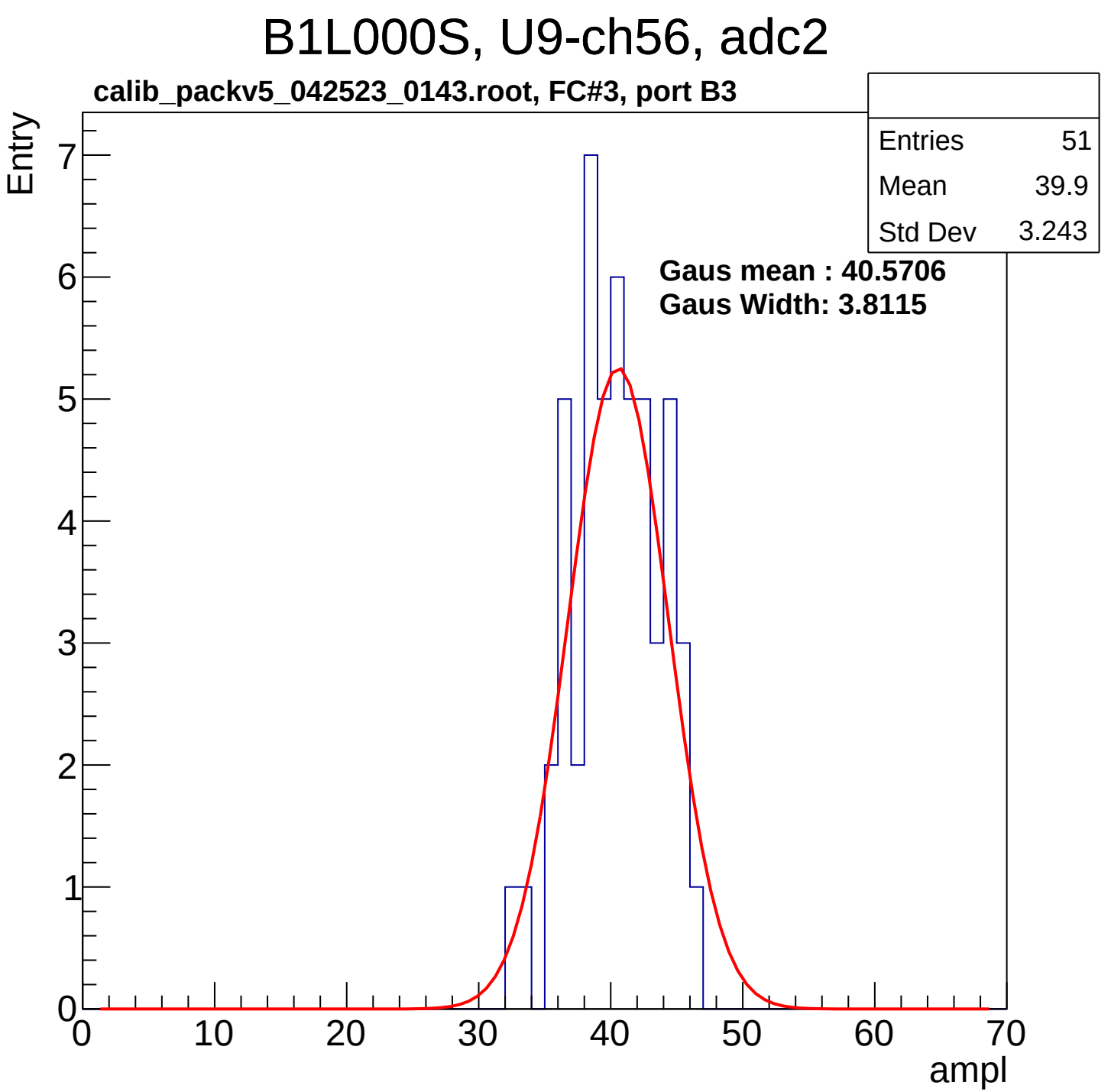
B1L000S, U9-ch56, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 39.9
Std Dev 3.243
Gaus mean : 40.5706
Gaus Width: 3.8115
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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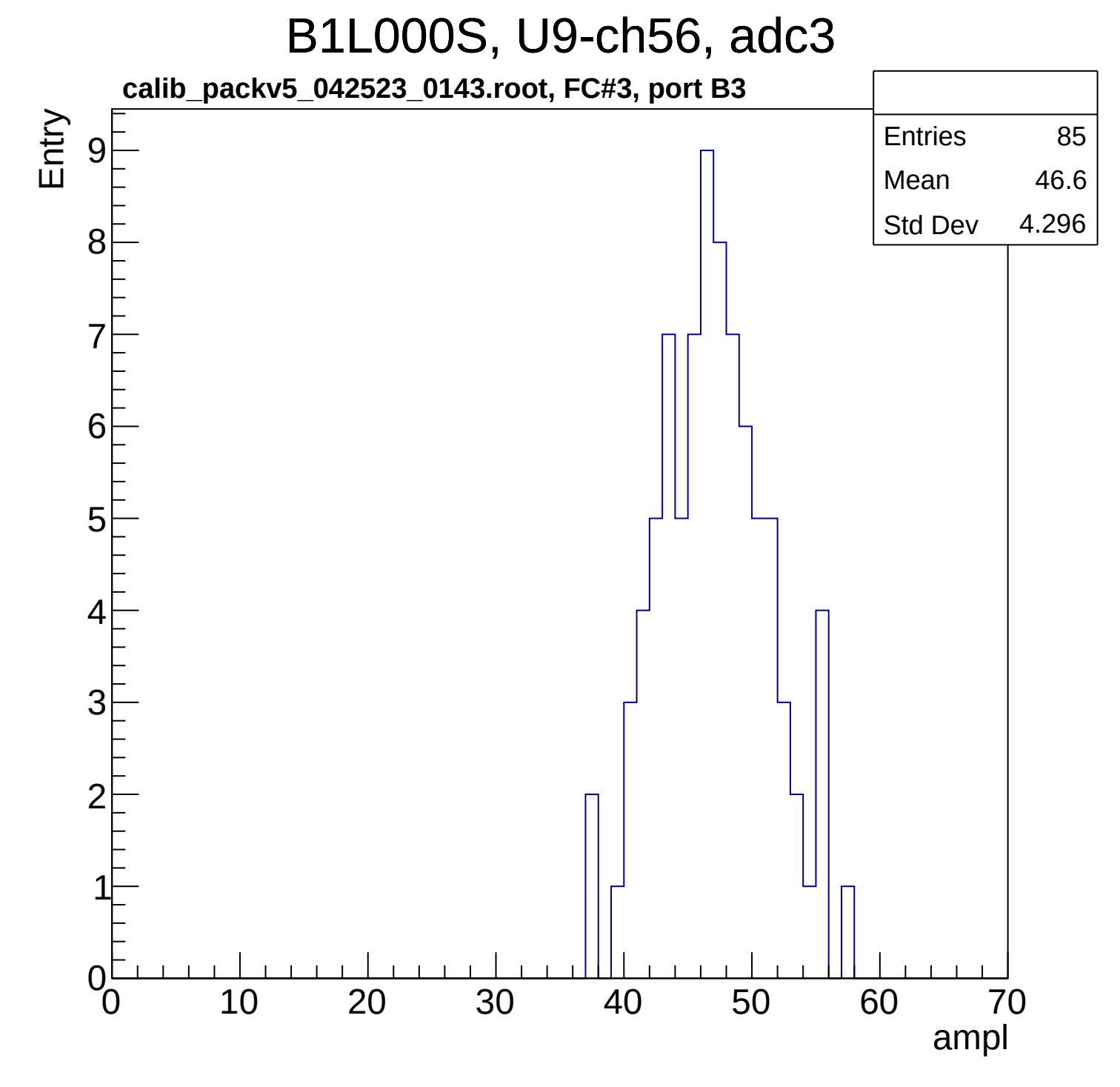
B1L000S, U9-ch56, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 46.6
Std Dev 4.296
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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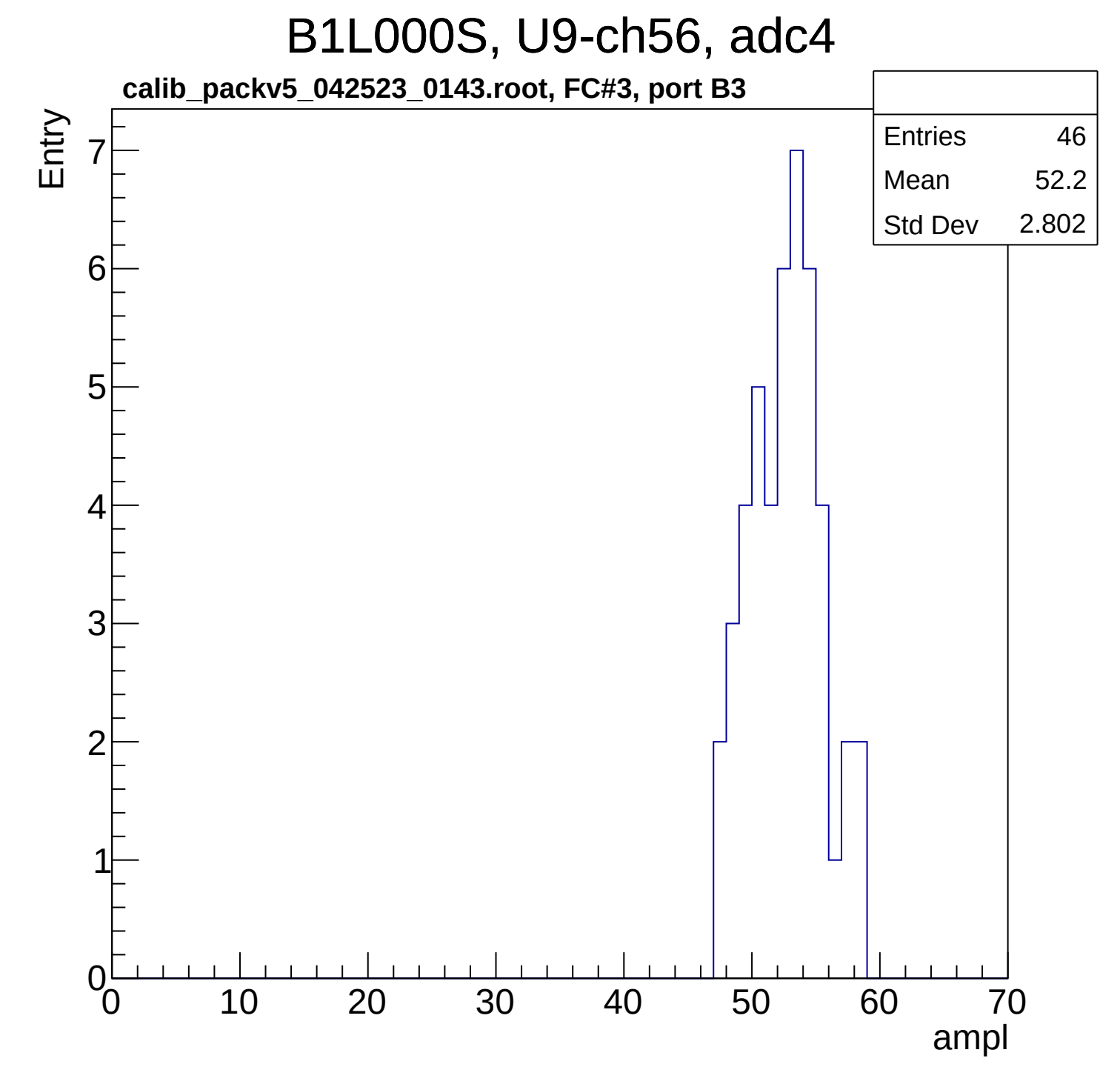
B1L000S, U9-ch56, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 52.2
Std Dev 2.802
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
50
60
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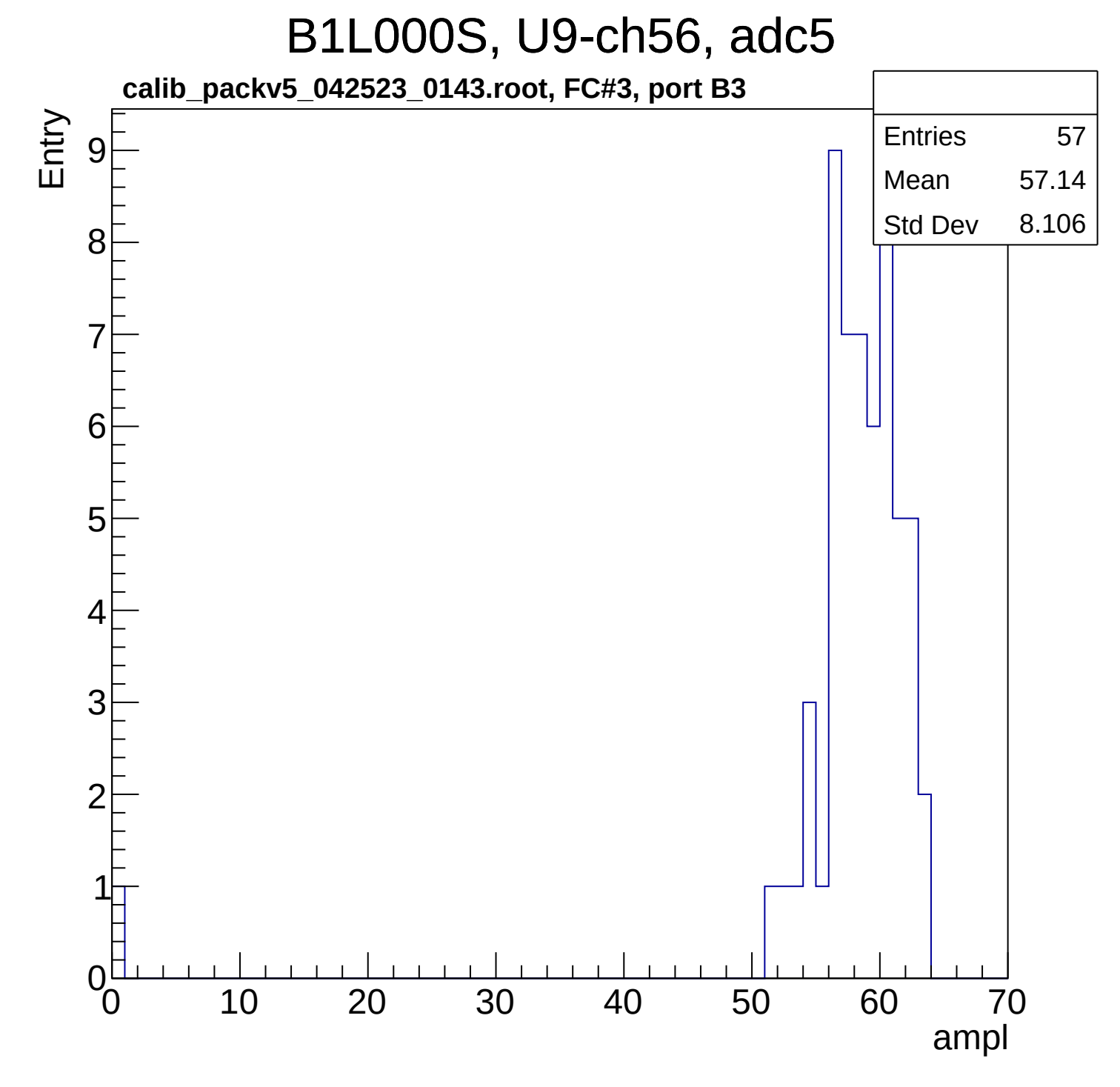
B1L000S, U9-ch56, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.14
Std Dev 8.106
Entry
ampl
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6
7
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0
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60
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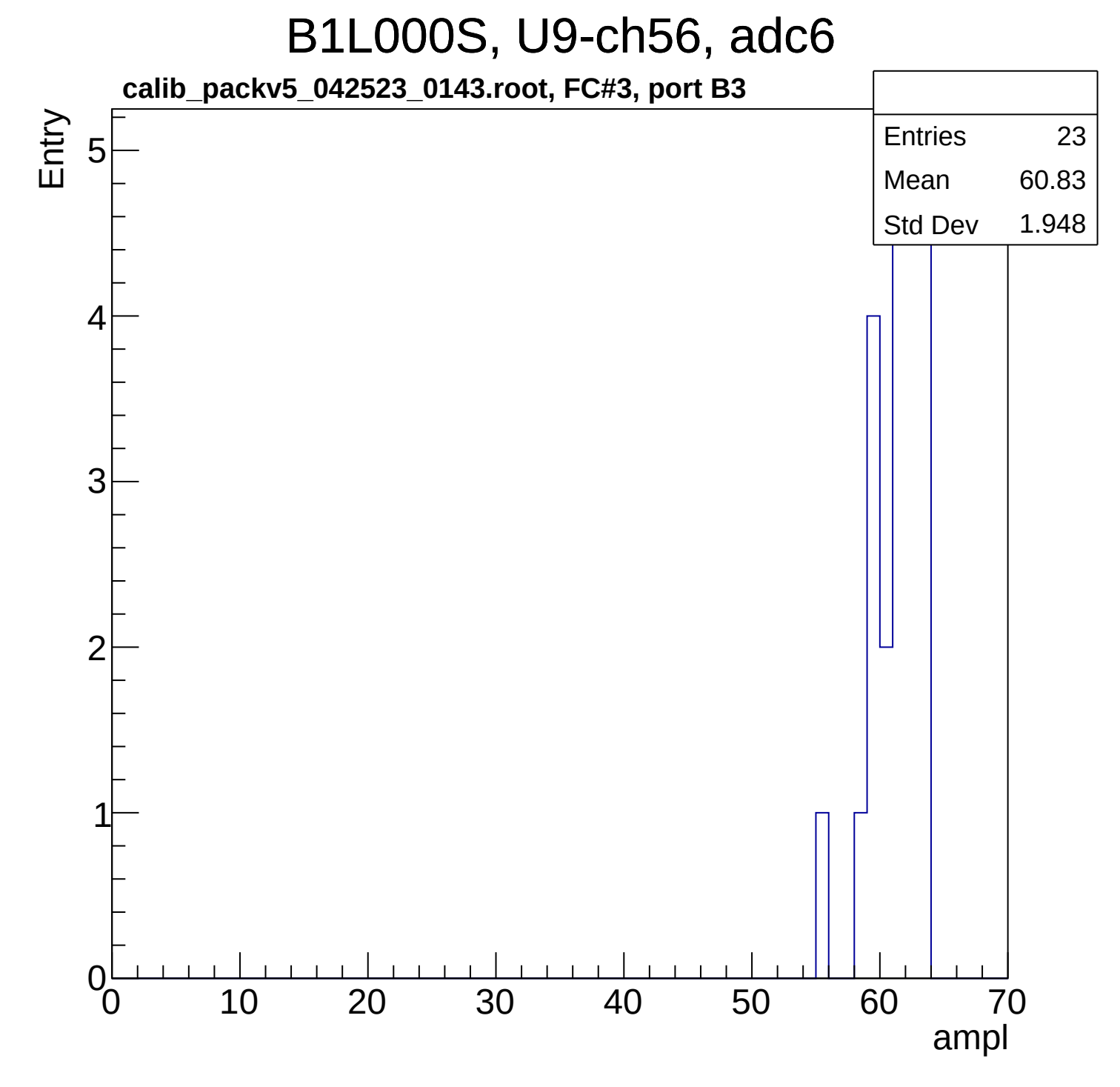
B1L000S, U9-ch56, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 60.83
Std Dev 1.948
Entry
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10
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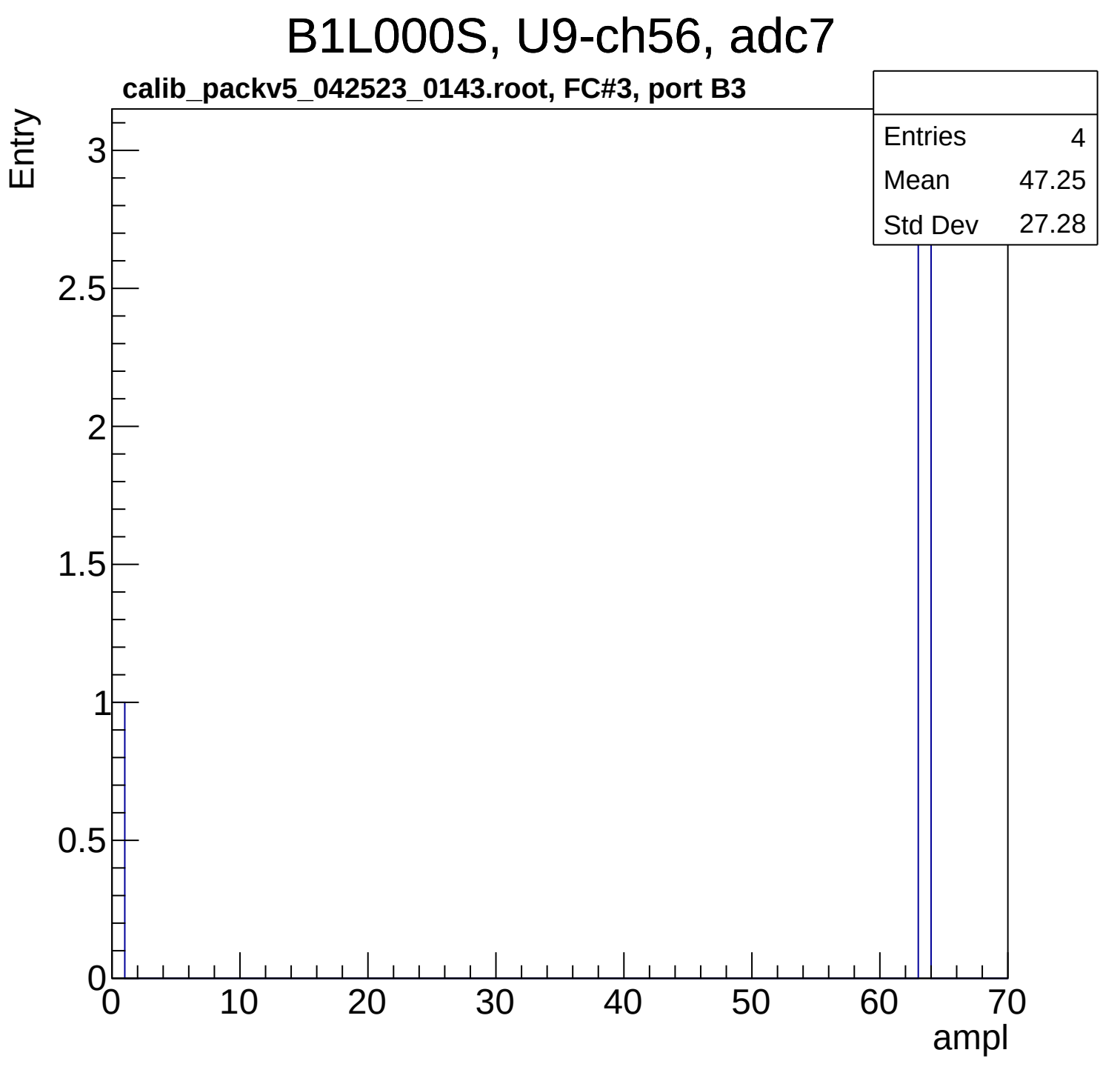
50
60
70
ampl


B1L000S, U9-ch56, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 47.25
Std Dev 27.28
Entry
ampl
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0.5
1
1.5
2
2.5
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0
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20
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60
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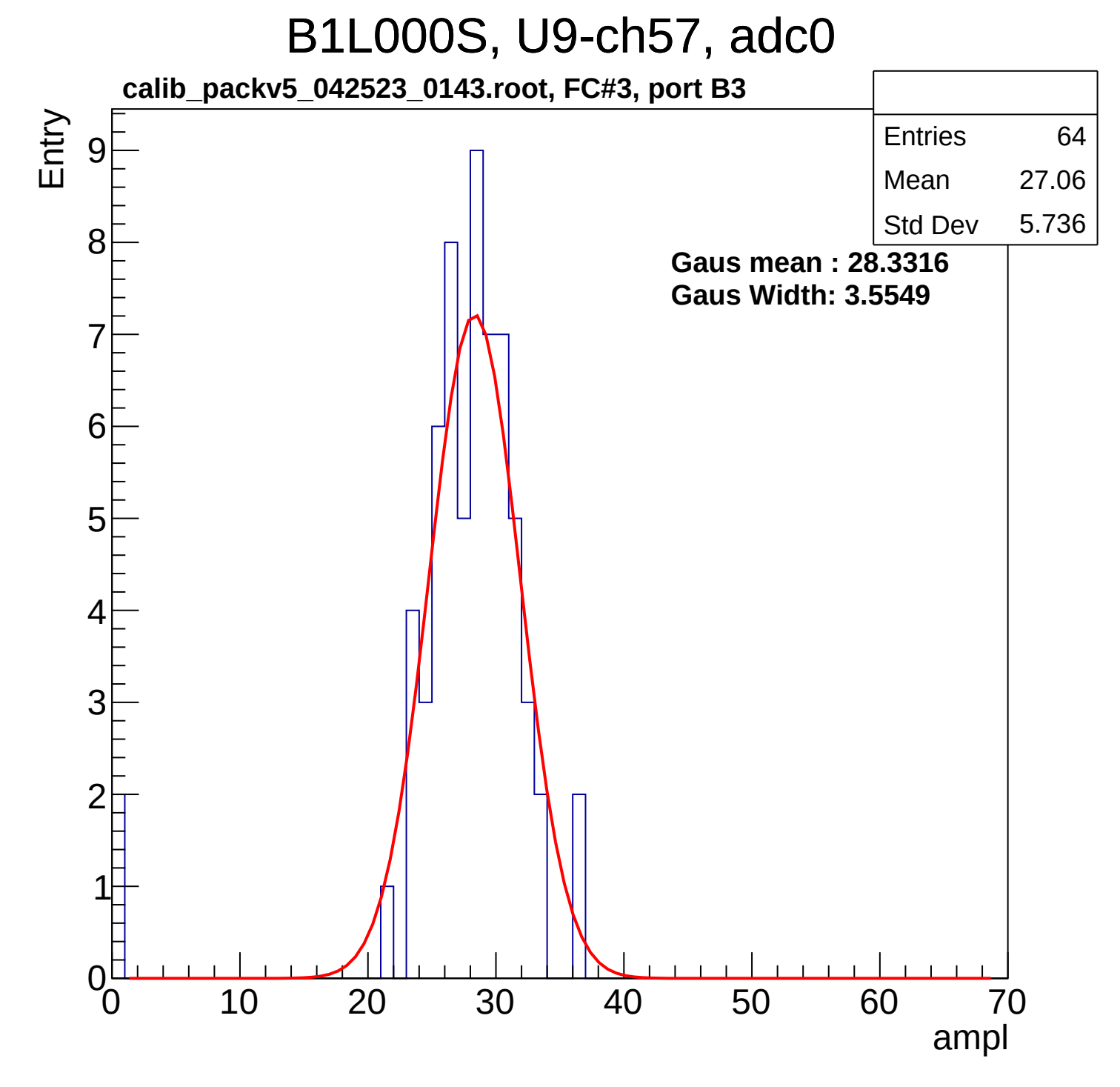
B1L000S, U9-ch57, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 27.06
Std Dev 5.736
Gaus mean : 28.3316
Gaus Width: 3.5549
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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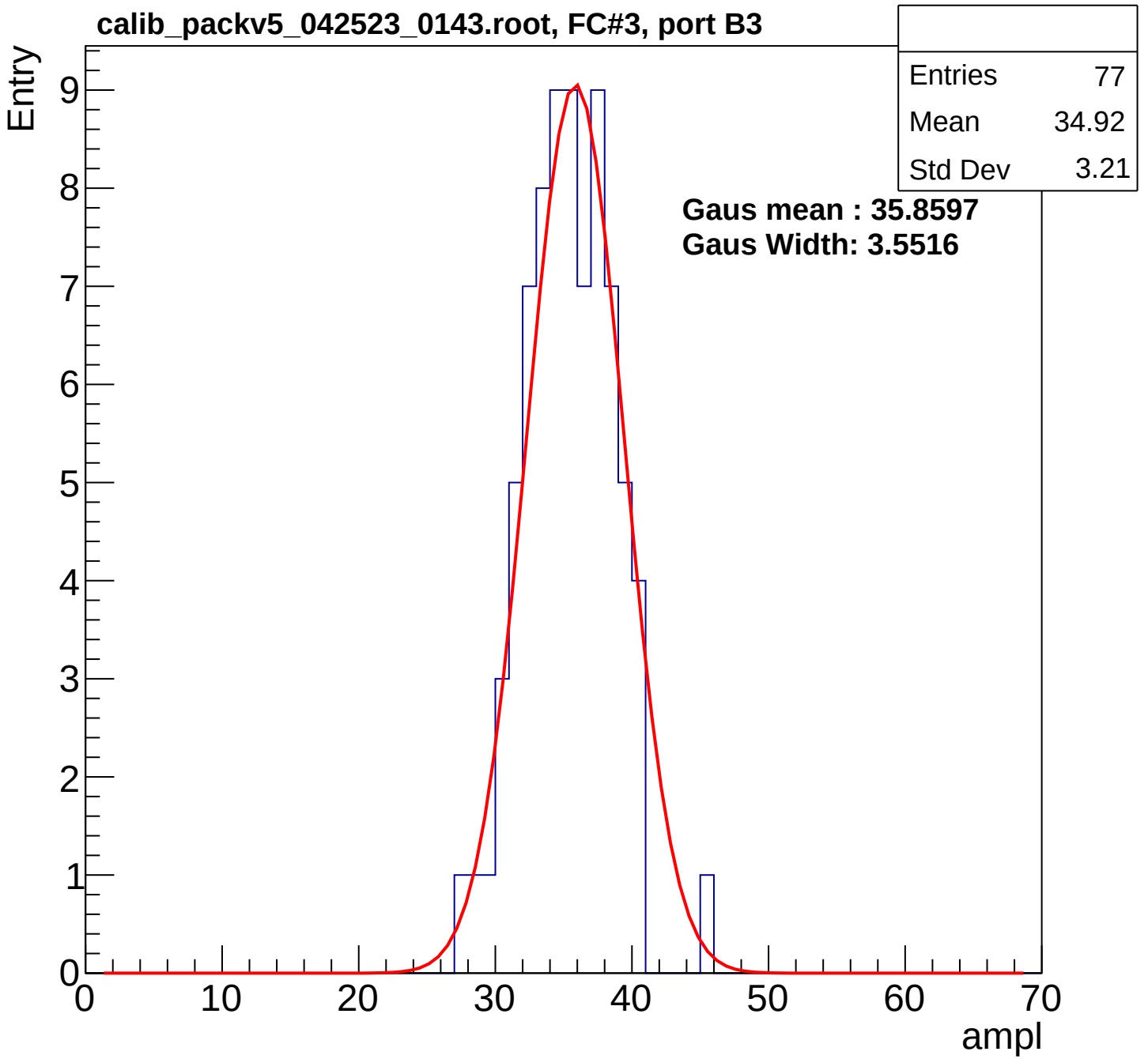
B1L000S, U9-ch57, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 34.92
Std Dev 3.21
Gaus mean : 35.8597
Gaus Width: 3.5516
Entry
ampl
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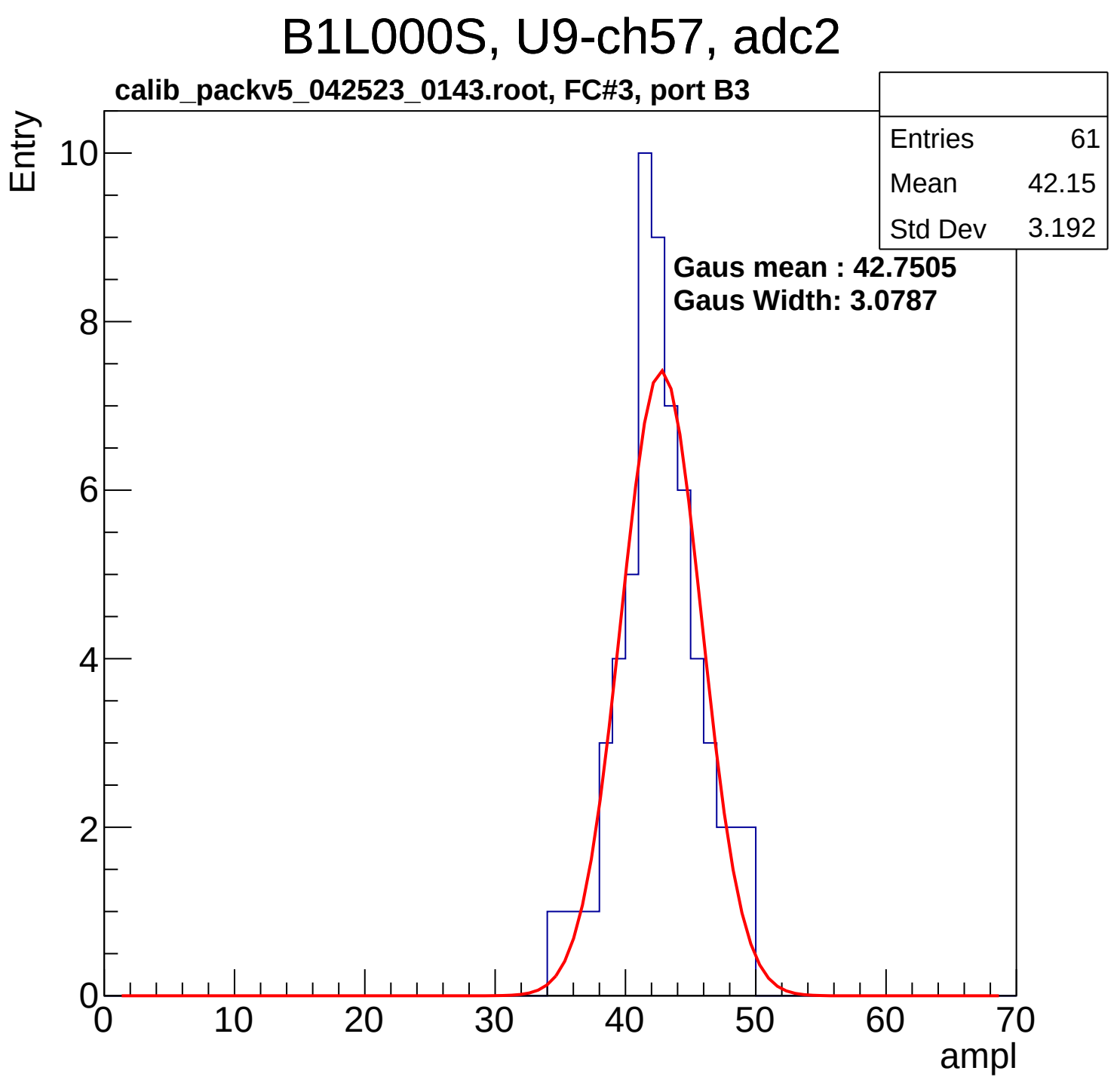
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch57, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.15
Std Dev 3.192
Gaus mean : 42.7505
Gaus Width: 3.0787
Entry
ampl
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4
6
8
10
0
10
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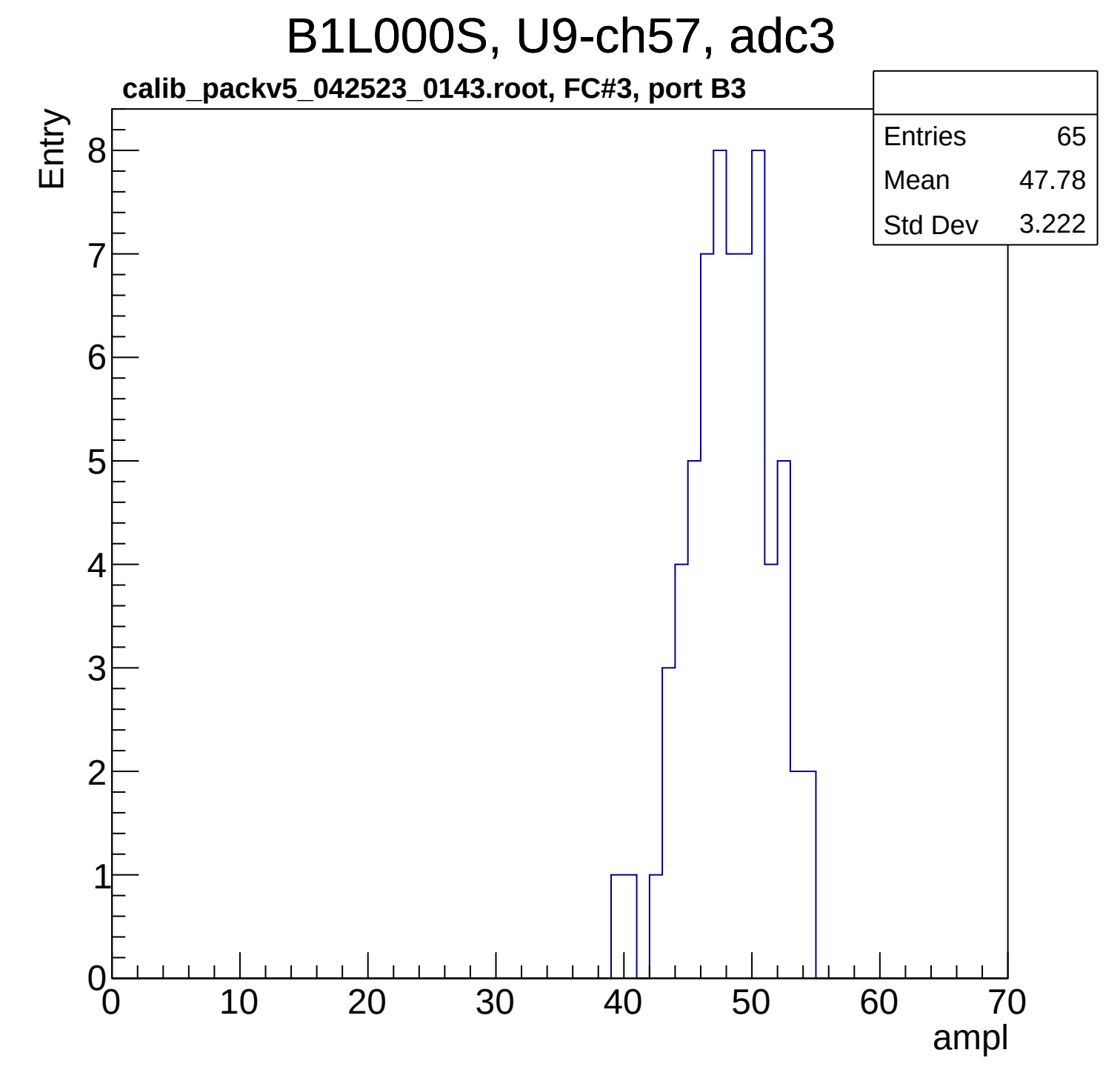
30
40
50
60
70


B1L000S, U9-ch57, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 47.78
Std Dev 3.222
Entry
ampl
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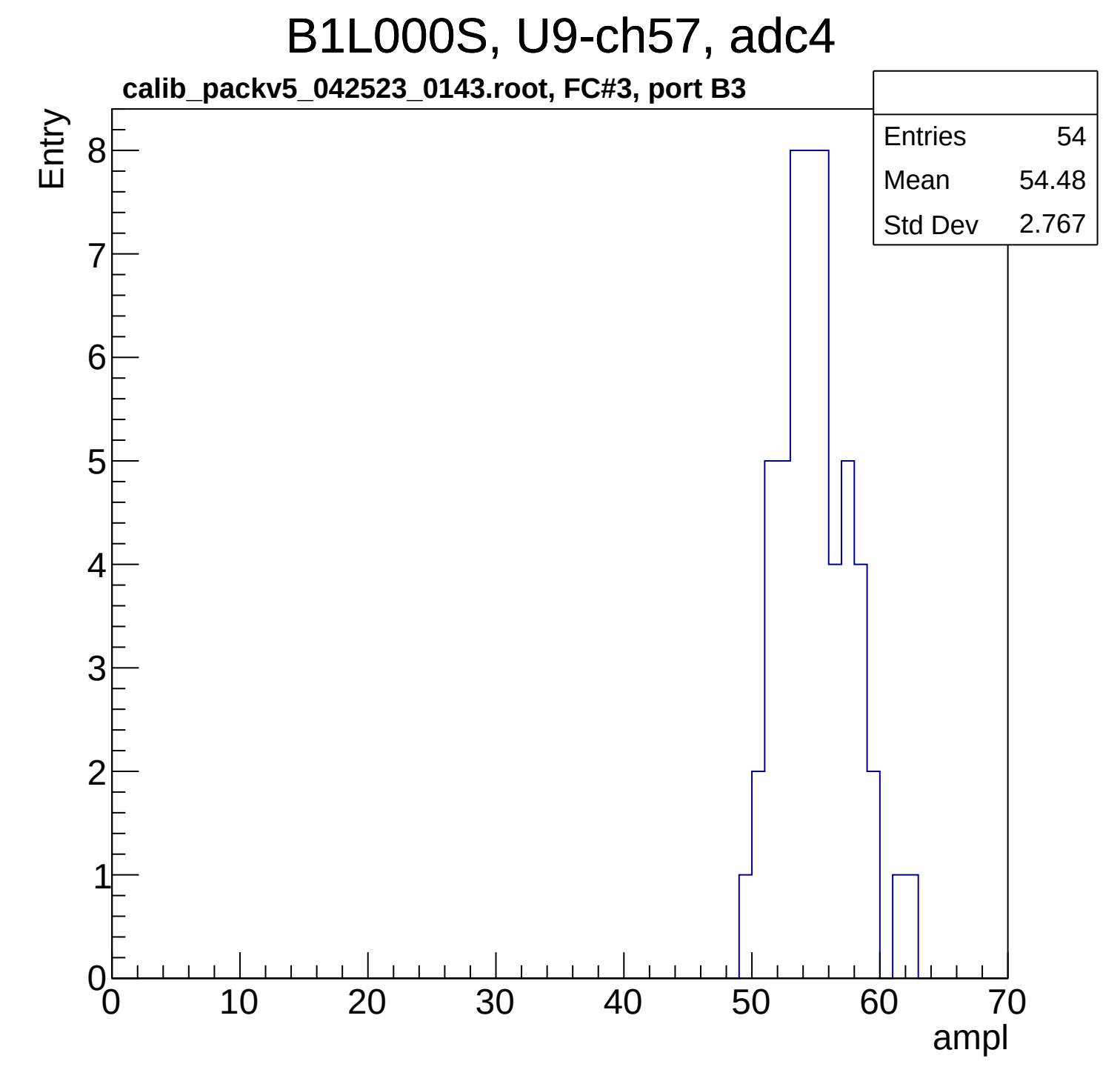
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch57, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.48
Std Dev 2.767
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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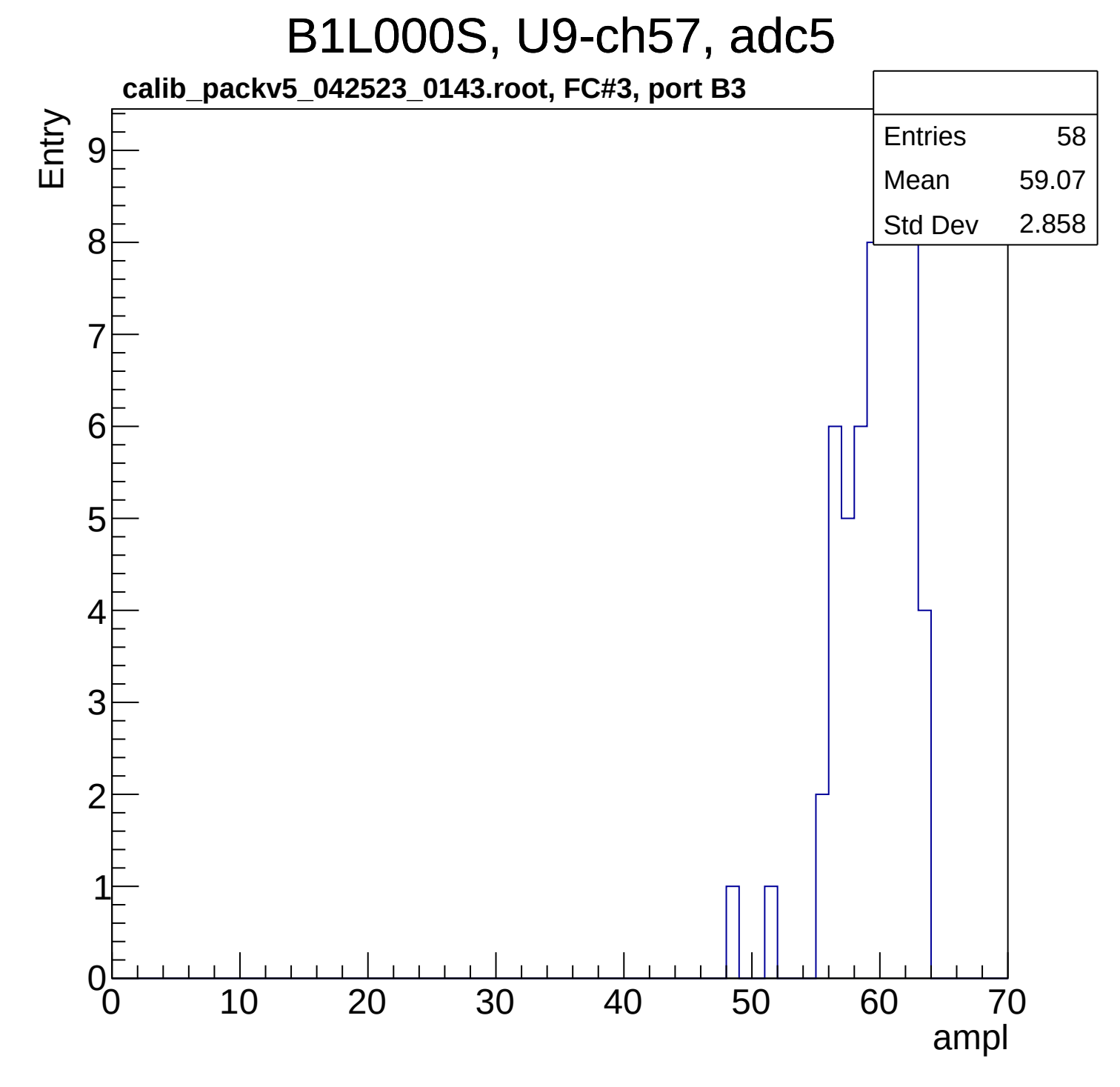
B1L000S, U9-ch57, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 59.07
Std Dev 2.858
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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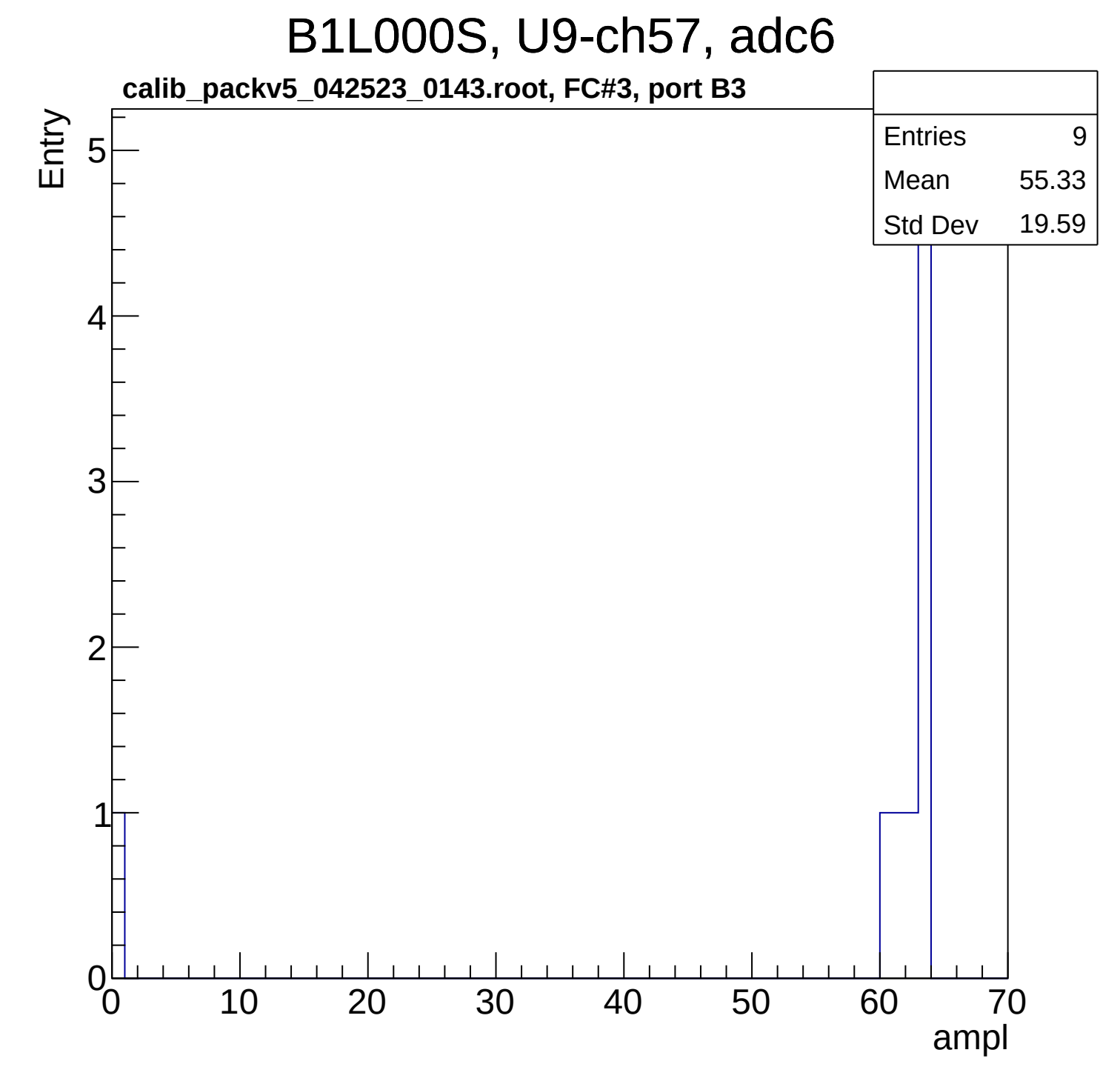
B1L000S, U9-ch57, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.33
Std Dev 19.59
Entry
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2
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5
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10
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30
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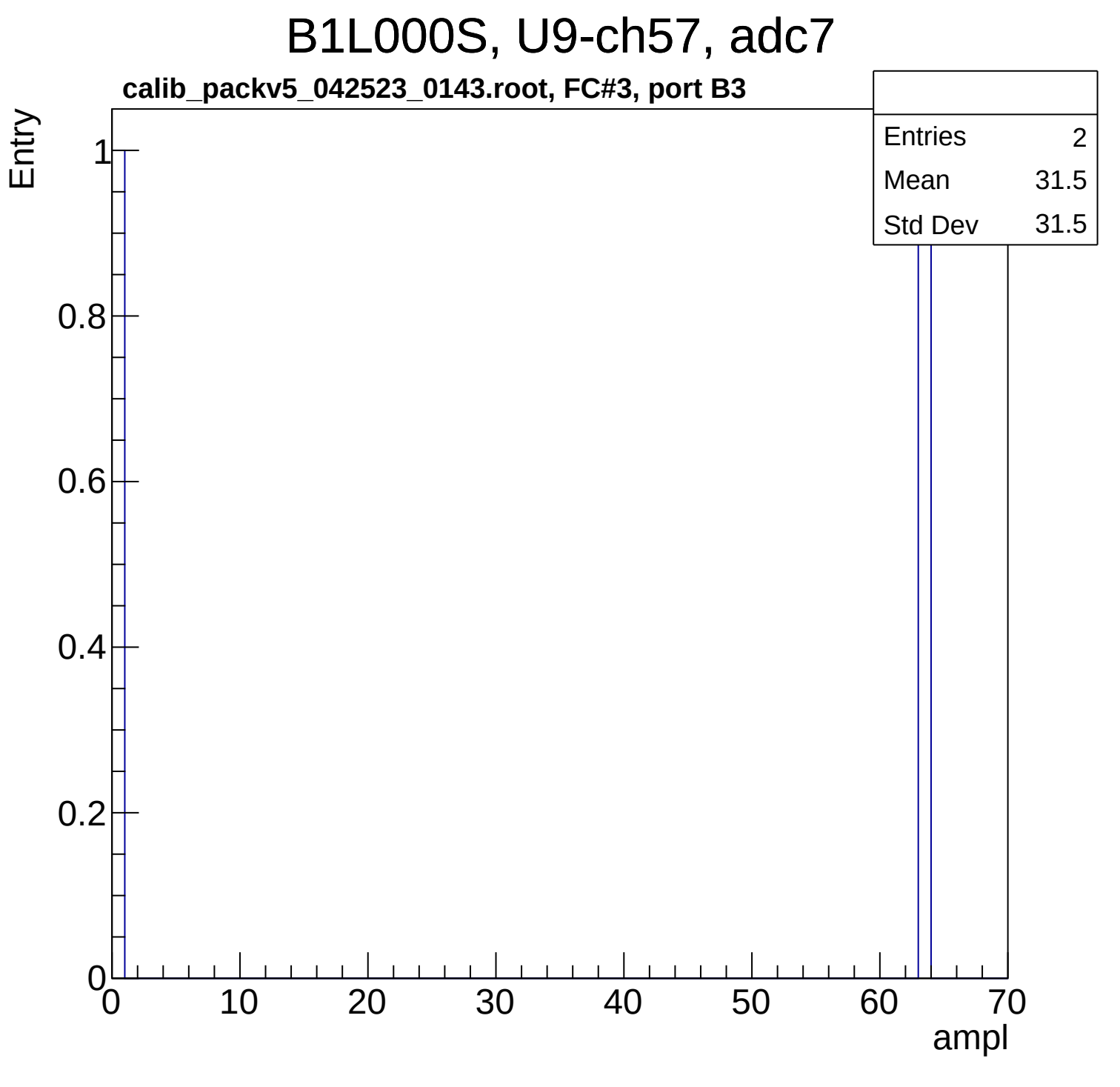
50
60
70
ampl


B1L000S, U9-ch57, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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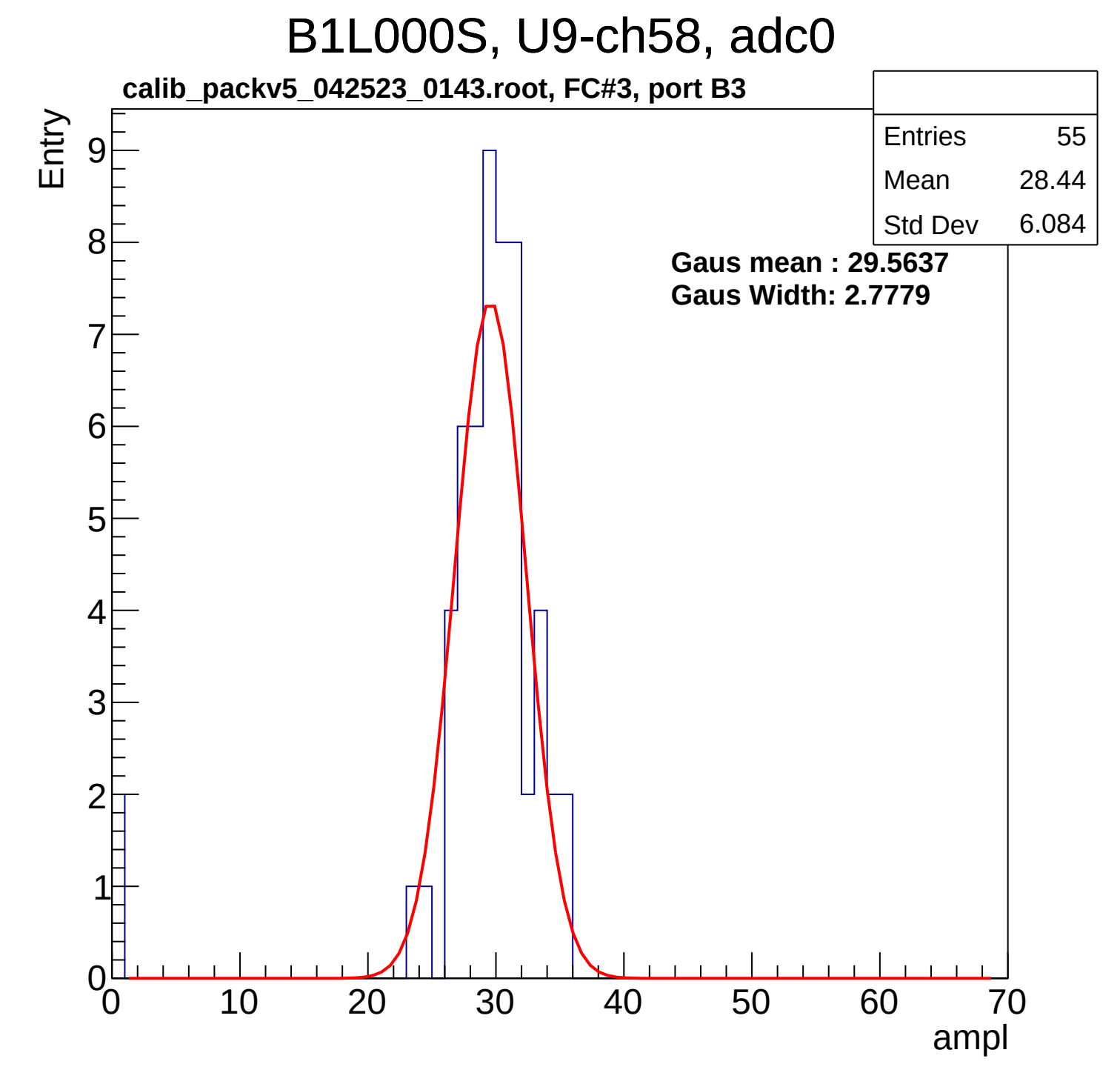
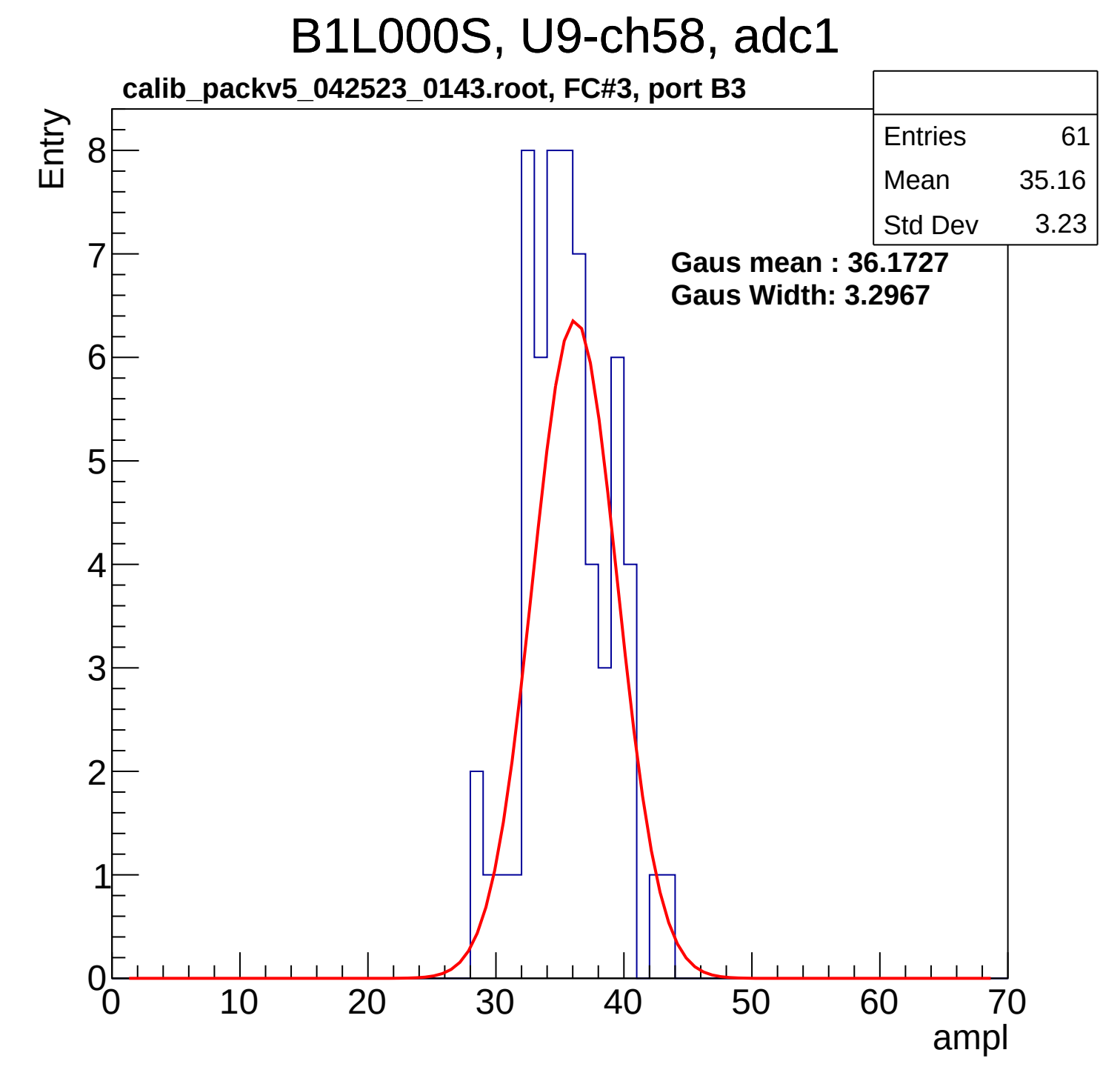
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch58, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.44
Std Dev 6.084
Gaus mean : 29.5637
Gaus Width: 2.7779
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch58, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.16
Std Dev 3.23
Gaus mean : 36.1727
Gaus Width: 3.2967
Entry
ampl
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2
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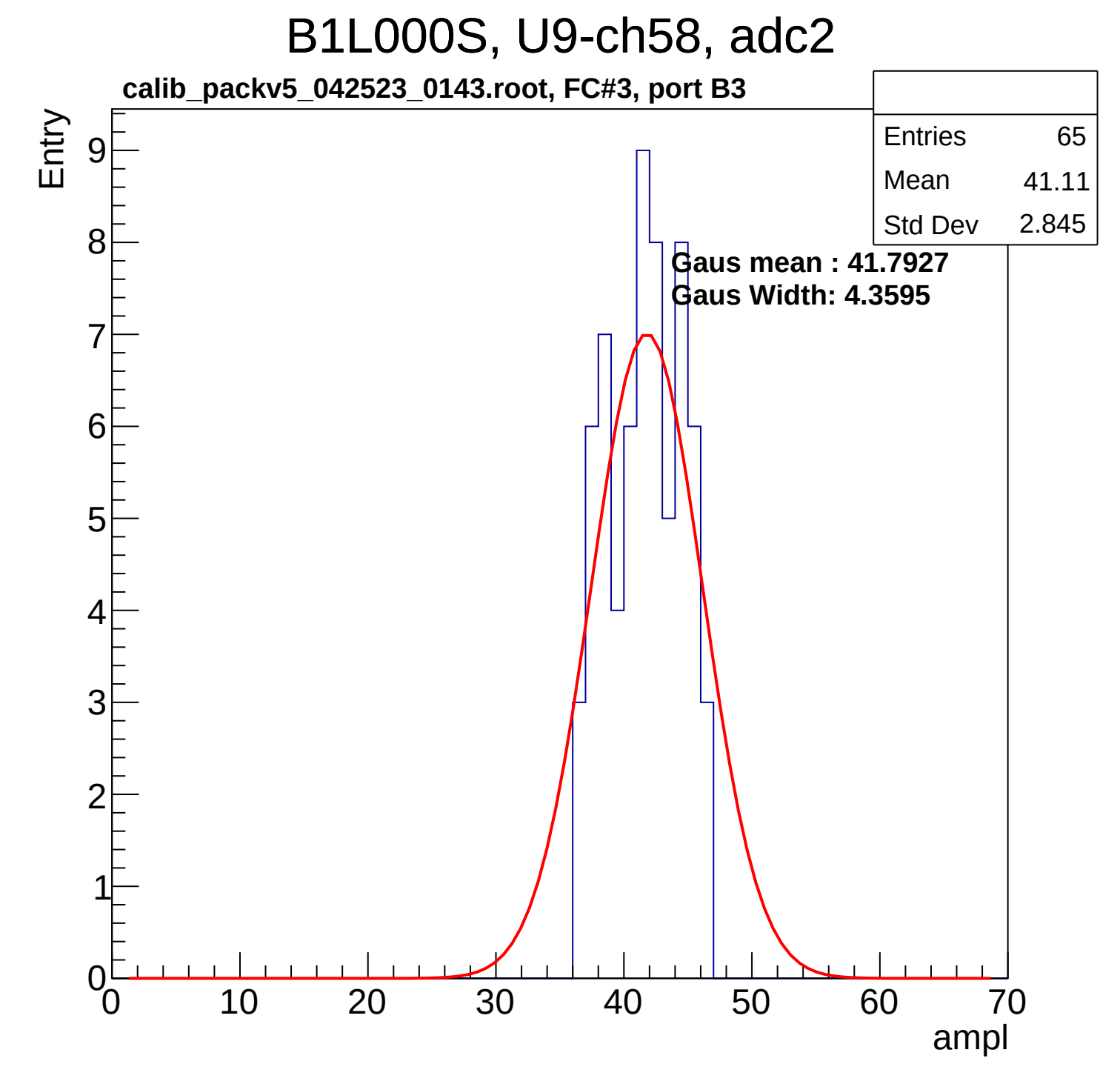
B1L000S, U9-ch58, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.11
Std Dev 2.845
Gaus mean : 41.7927
Gaus Width: 4.3595
Entry
ampl
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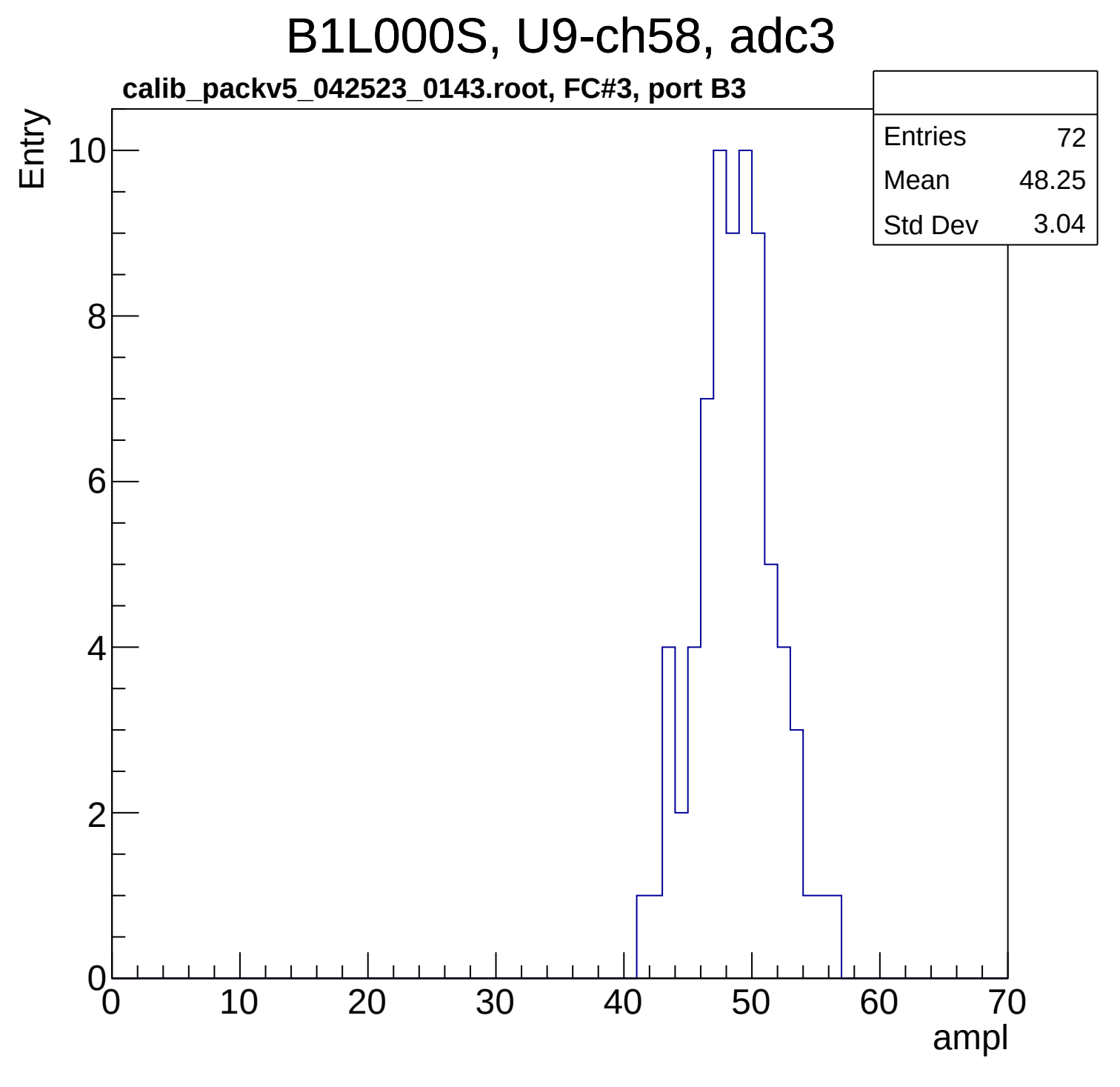
B1L000S, U9-ch58, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 48.25
Std Dev 3.04
Entry
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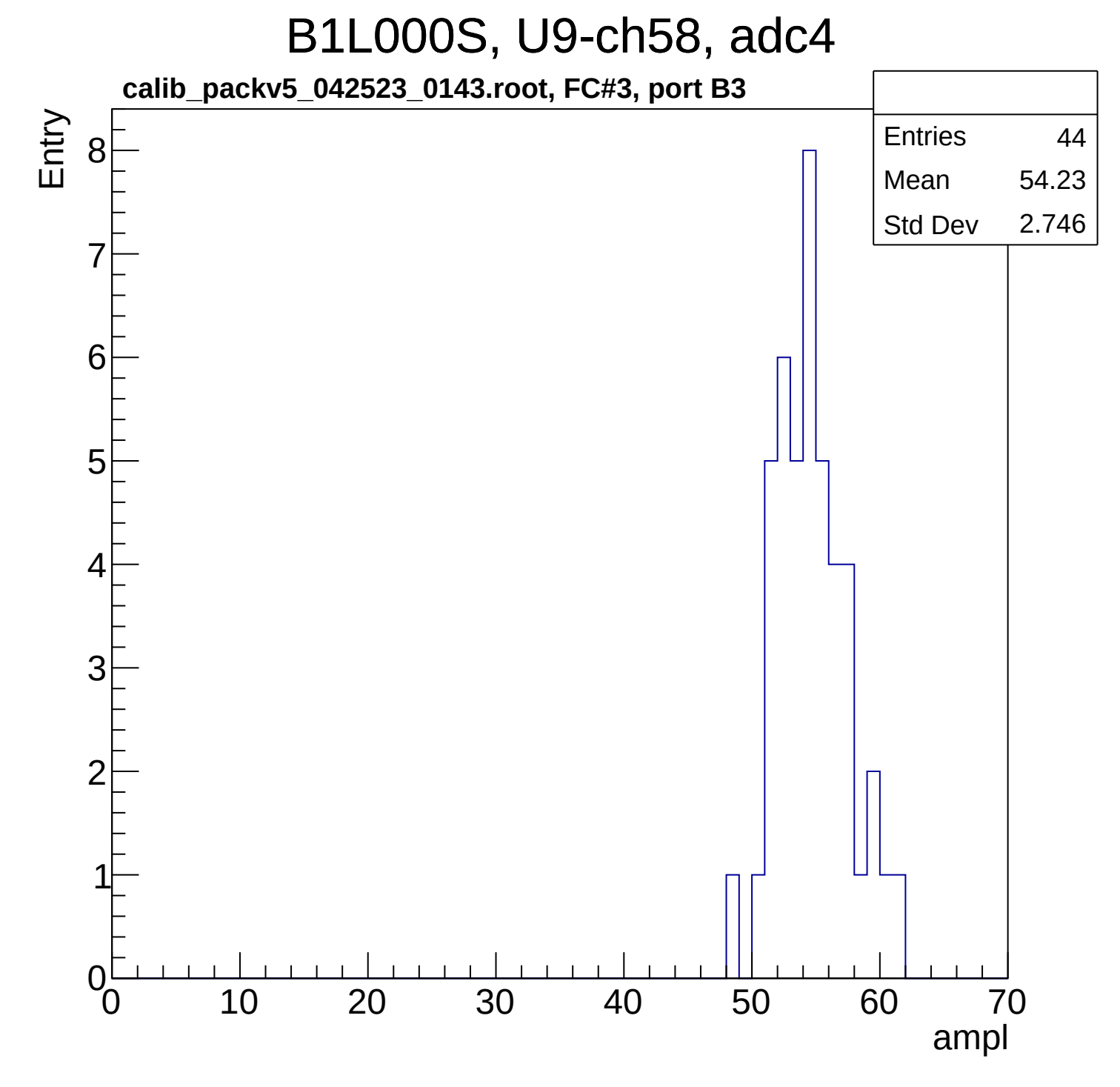
70
ampl


B1L000S, U9-ch58, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 54.23
Std Dev 2.746
Entry
ampl
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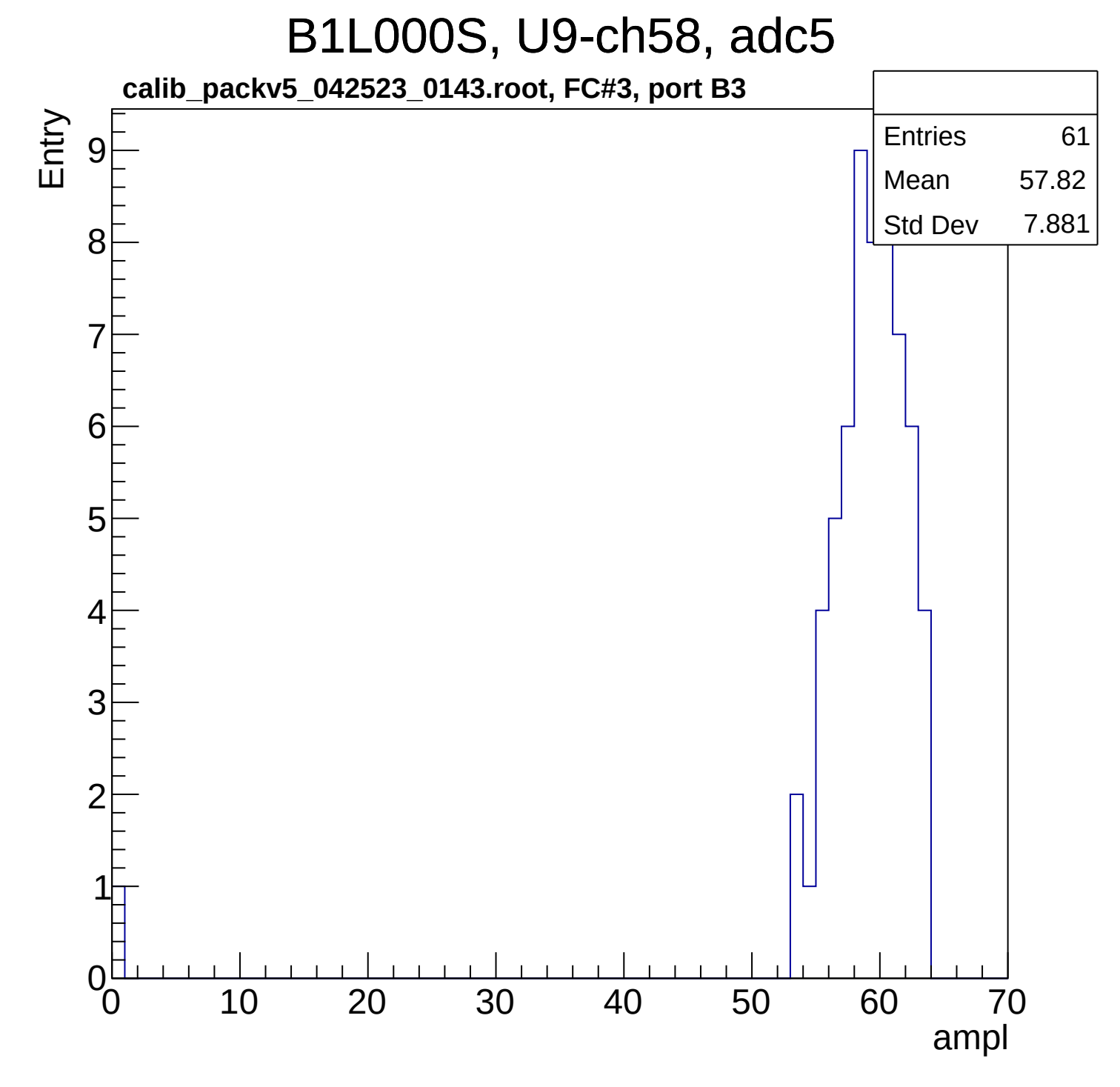
B1L000S, U9-ch58, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 57.82
Std Dev 7.881
Entry
ampl
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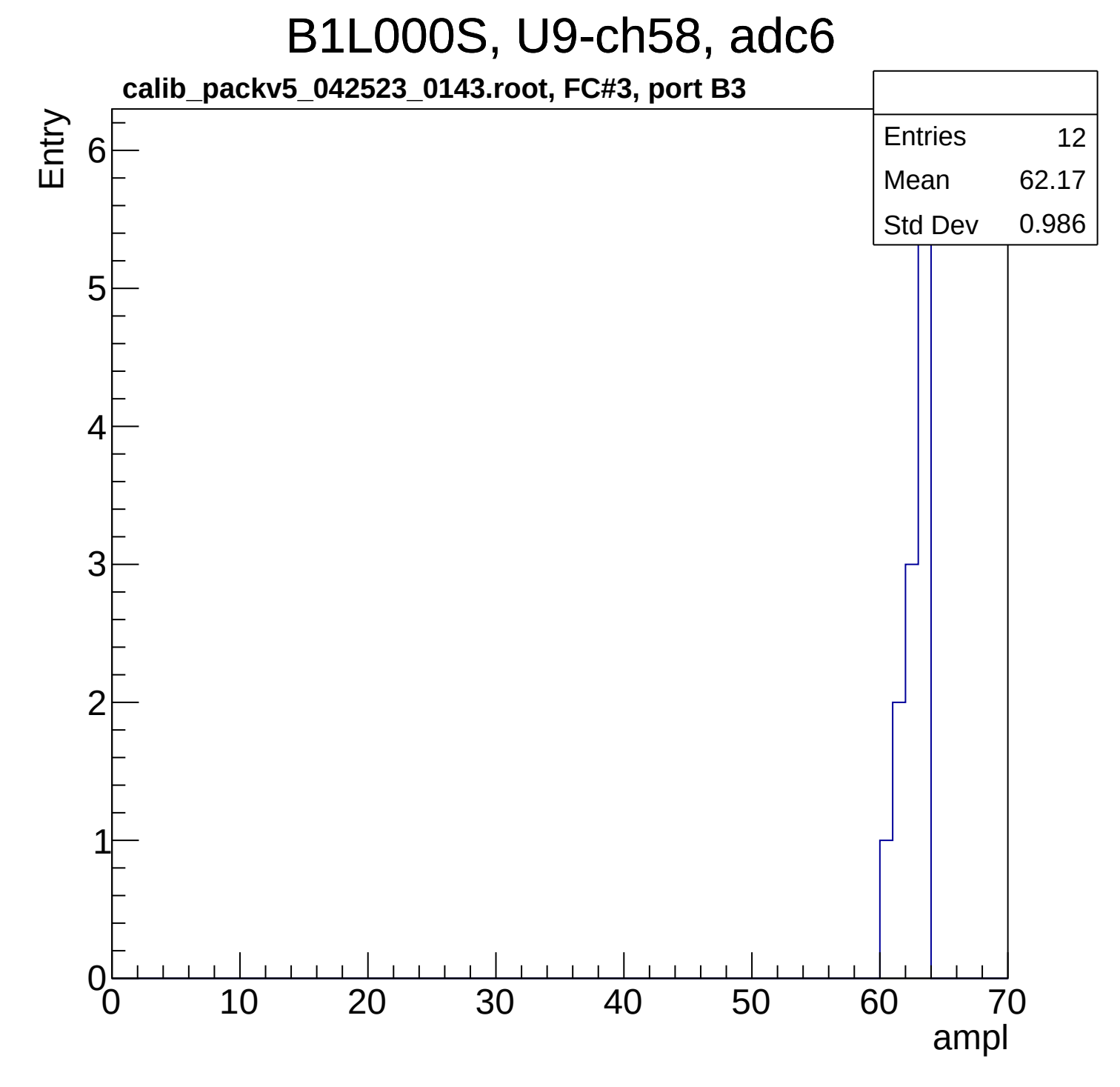
B1L000S, U9-ch58, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 62.17
Std Dev 0.986
Entry
0
1
2
3
4
5
6
0
10
20
30
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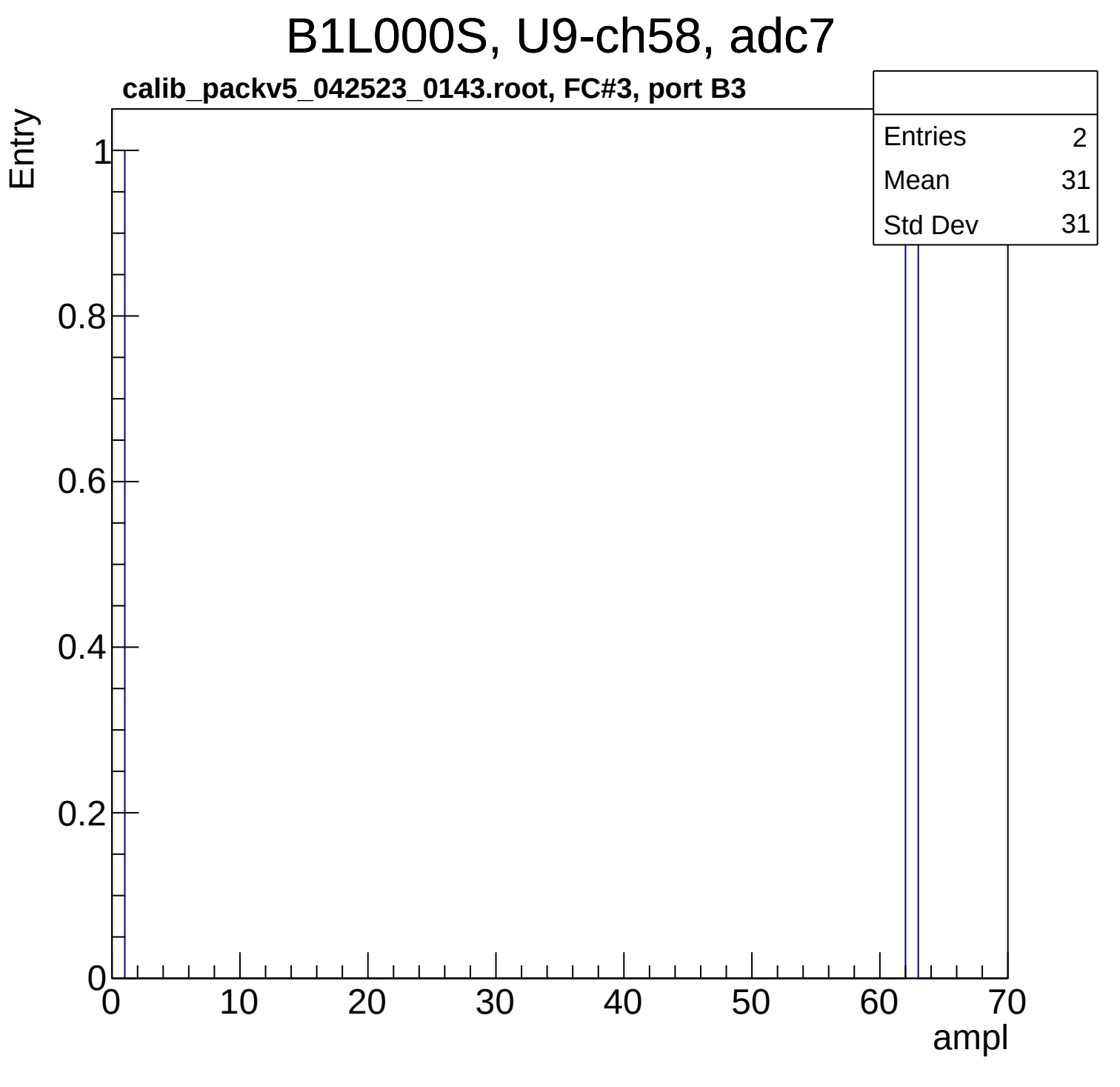
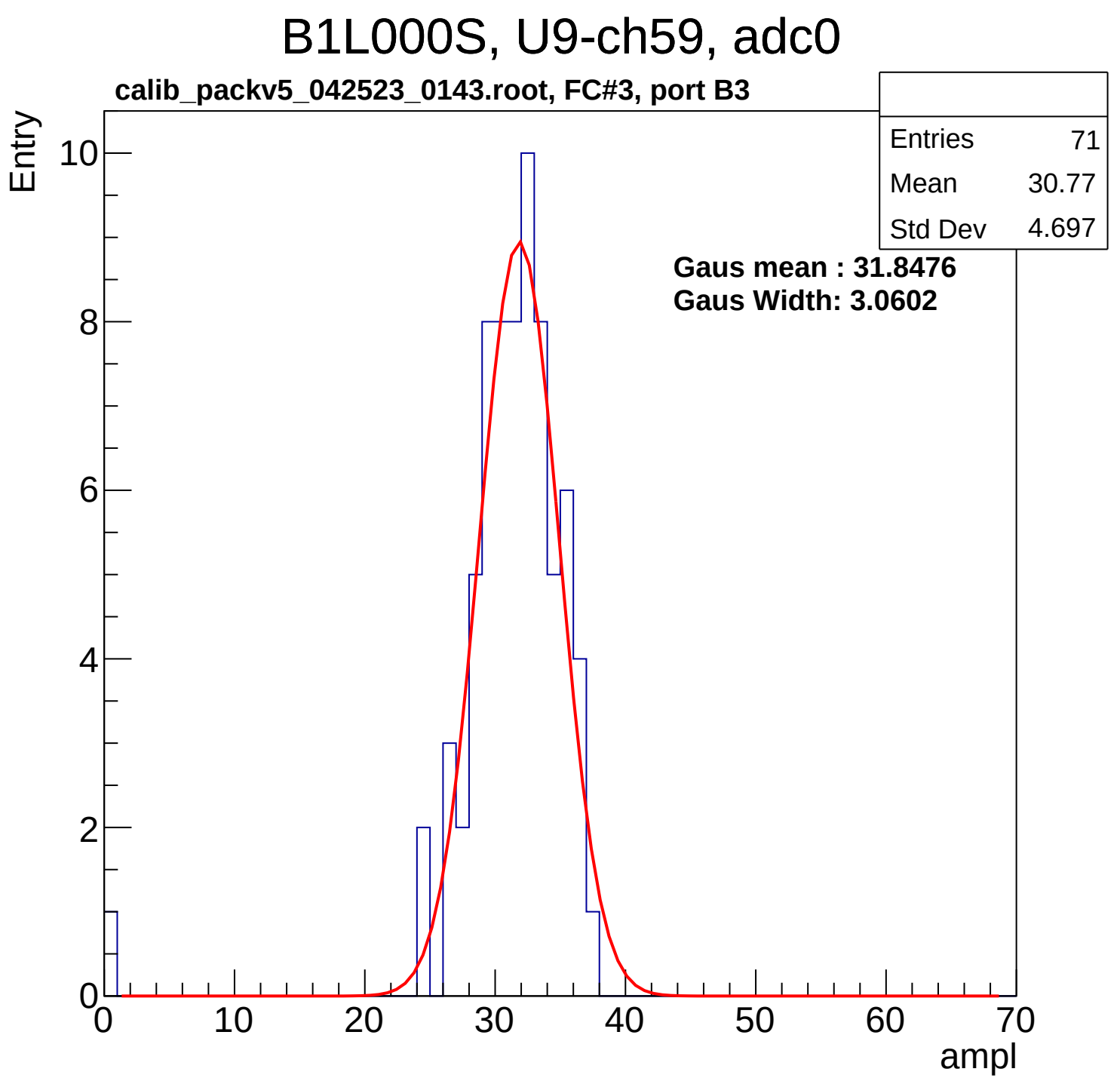
50
60
70
ampl


B1L000S, U9-ch58, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch59, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 30.77
Std Dev 4.697
Gaus mean : 31.8476
Gaus Width: 3.0602
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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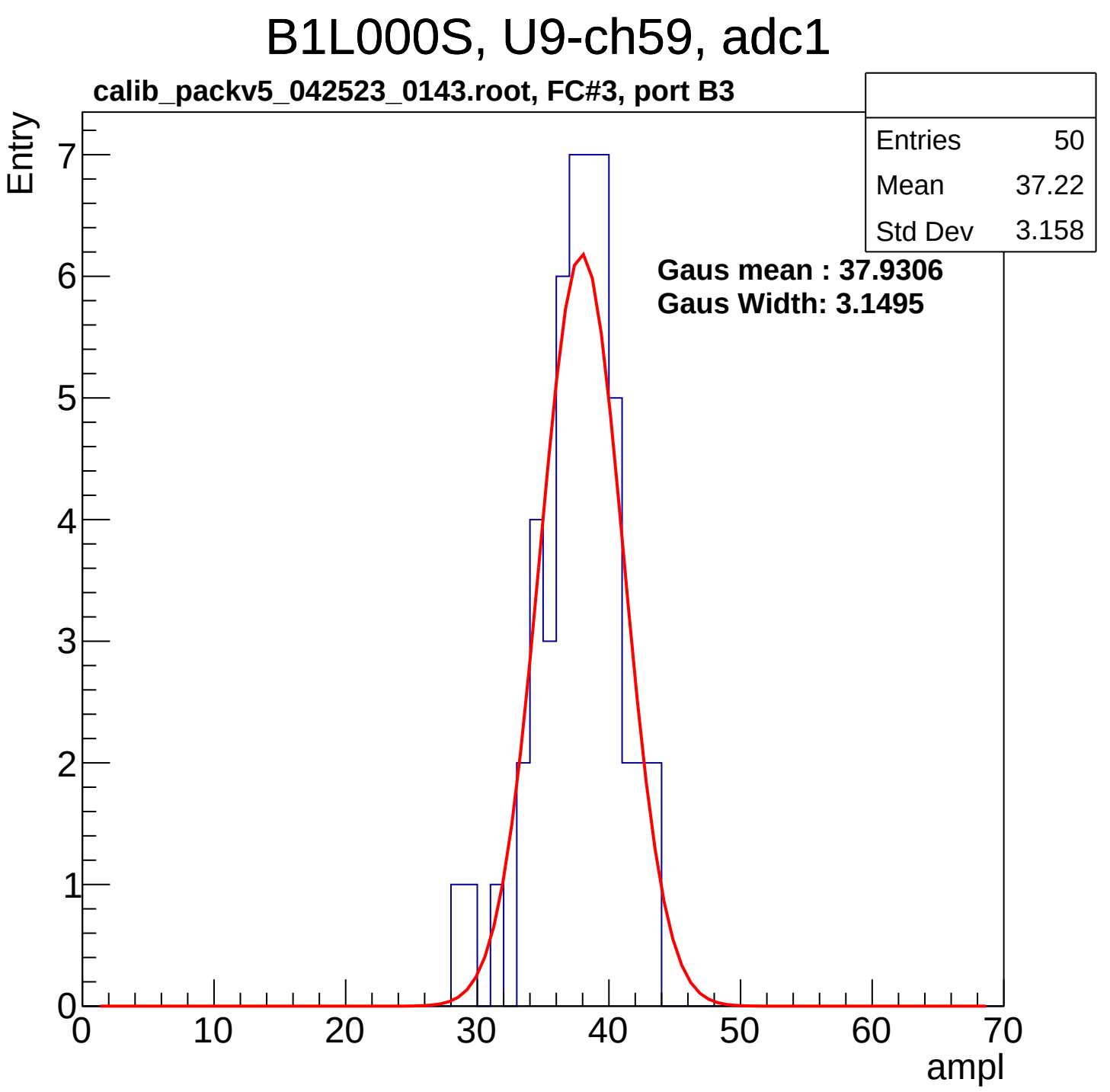
B1L000S, U9-ch59, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 37.22
Std Dev 3.158
Gaus mean : 37.9306
Gaus Width: 3.1495
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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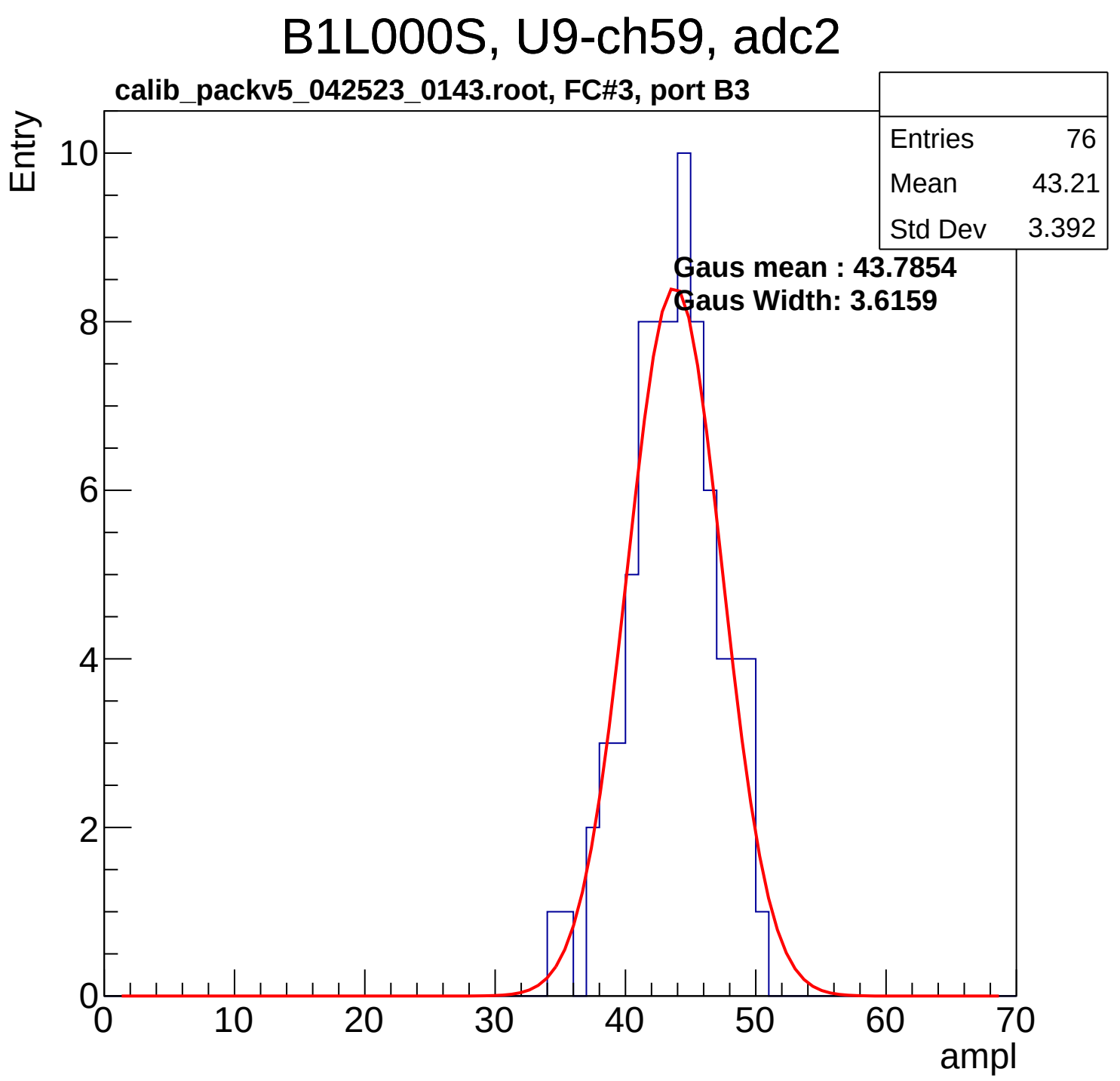
B1L000S, U9-ch59, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 43.21
Std Dev 3.392
Gaus mean : 43.7854
Gaus Width: 3.6159
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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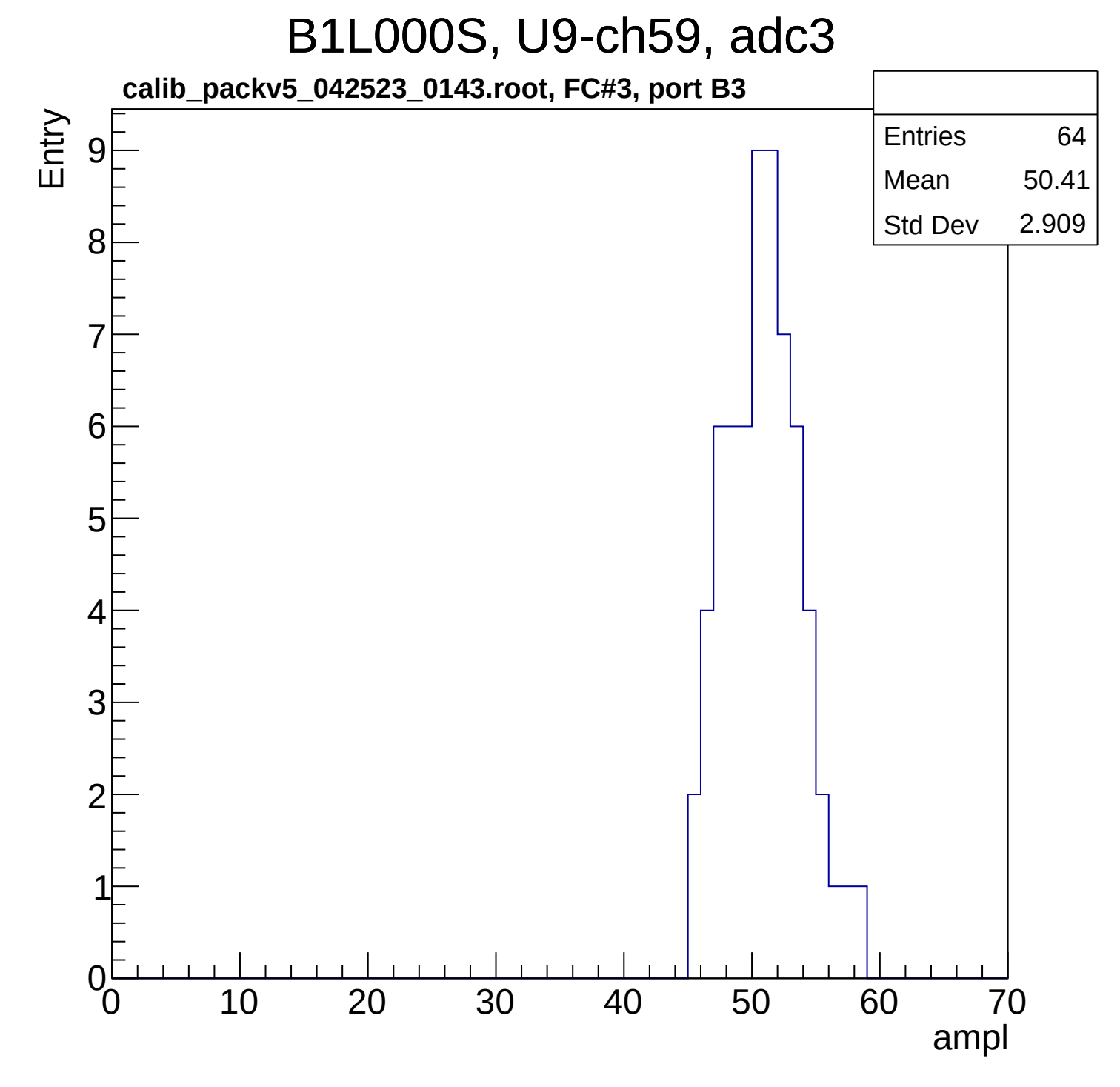
B1L000S, U9-ch59, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 50.41
Std Dev 2.909
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
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40
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60
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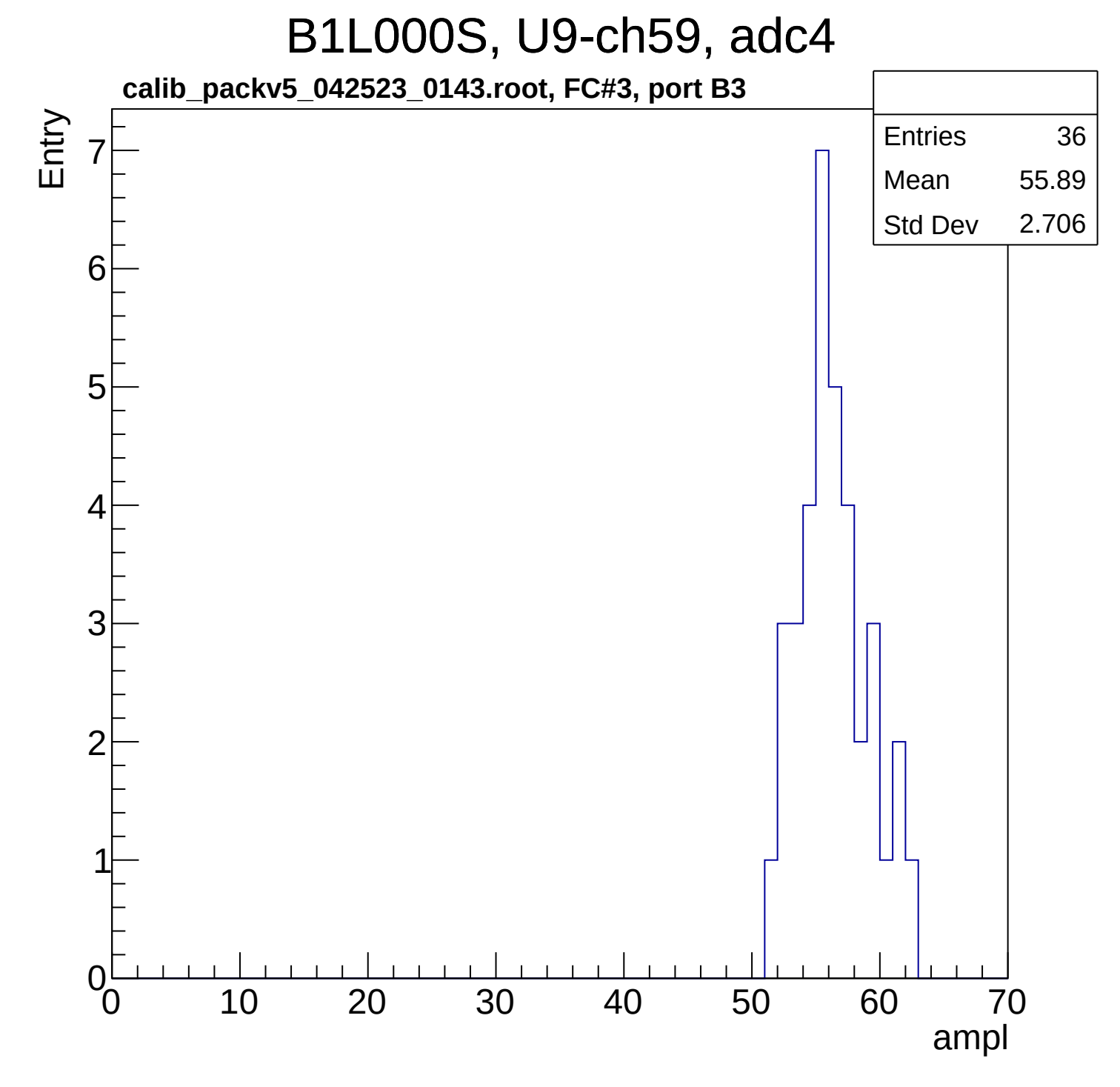
B1L000S, U9-ch59, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 36
Mean 55.89
Std Dev 2.706
Entry
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1
2
3
4
5
6
7
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10
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30
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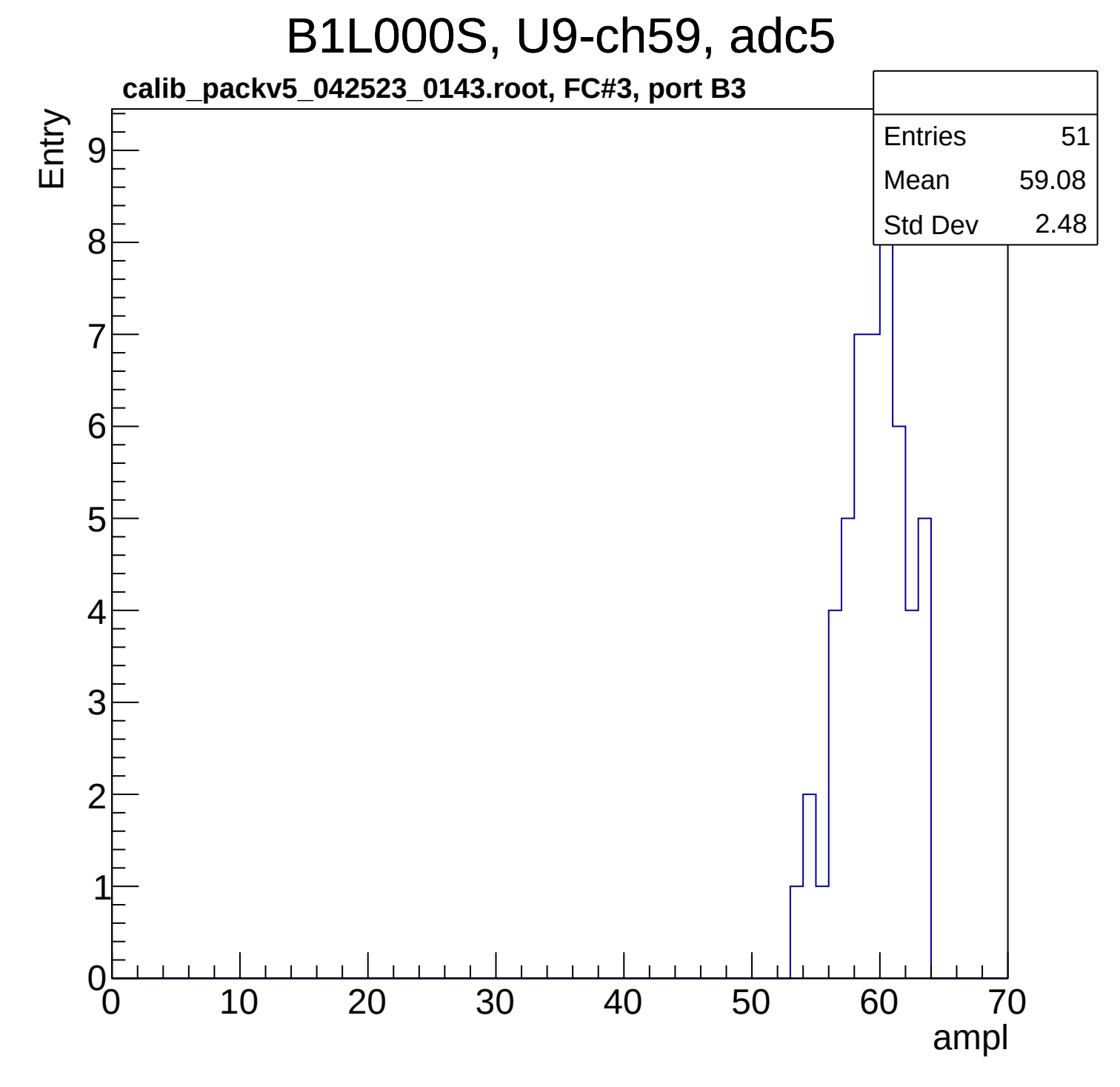
50
60
70
ampl


B1L000S, U9-ch59, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.08
Std Dev 2.48
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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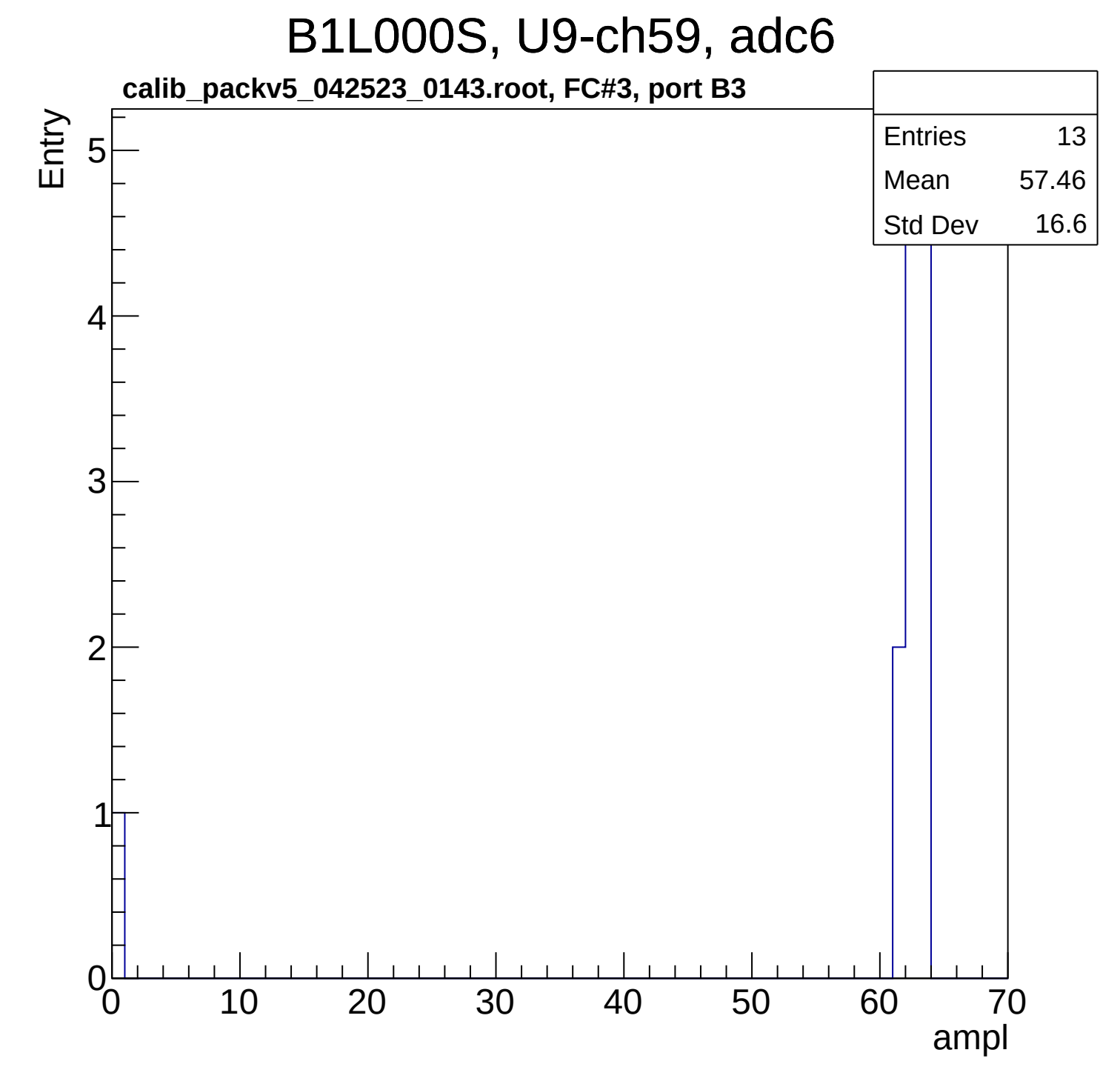
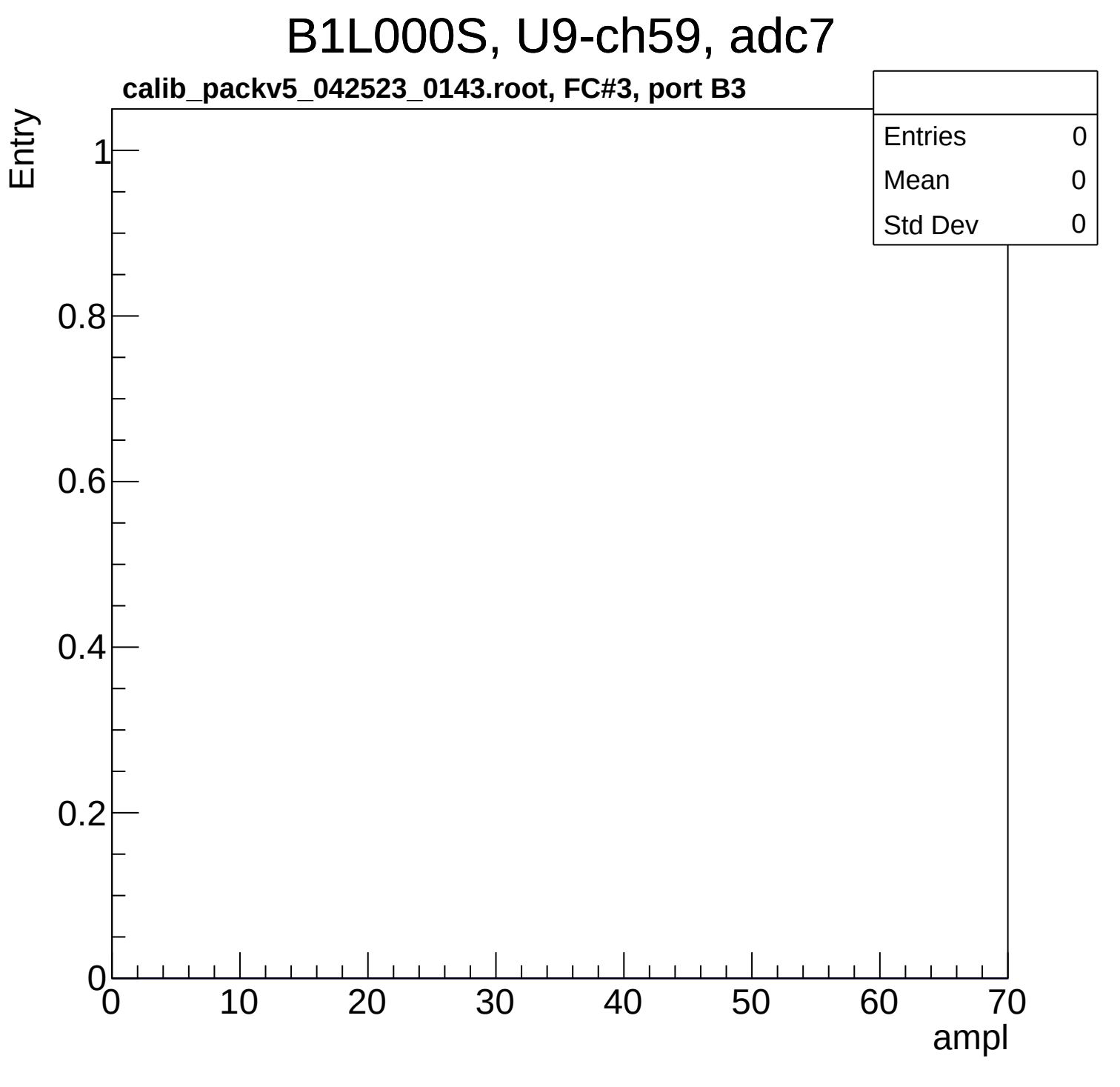
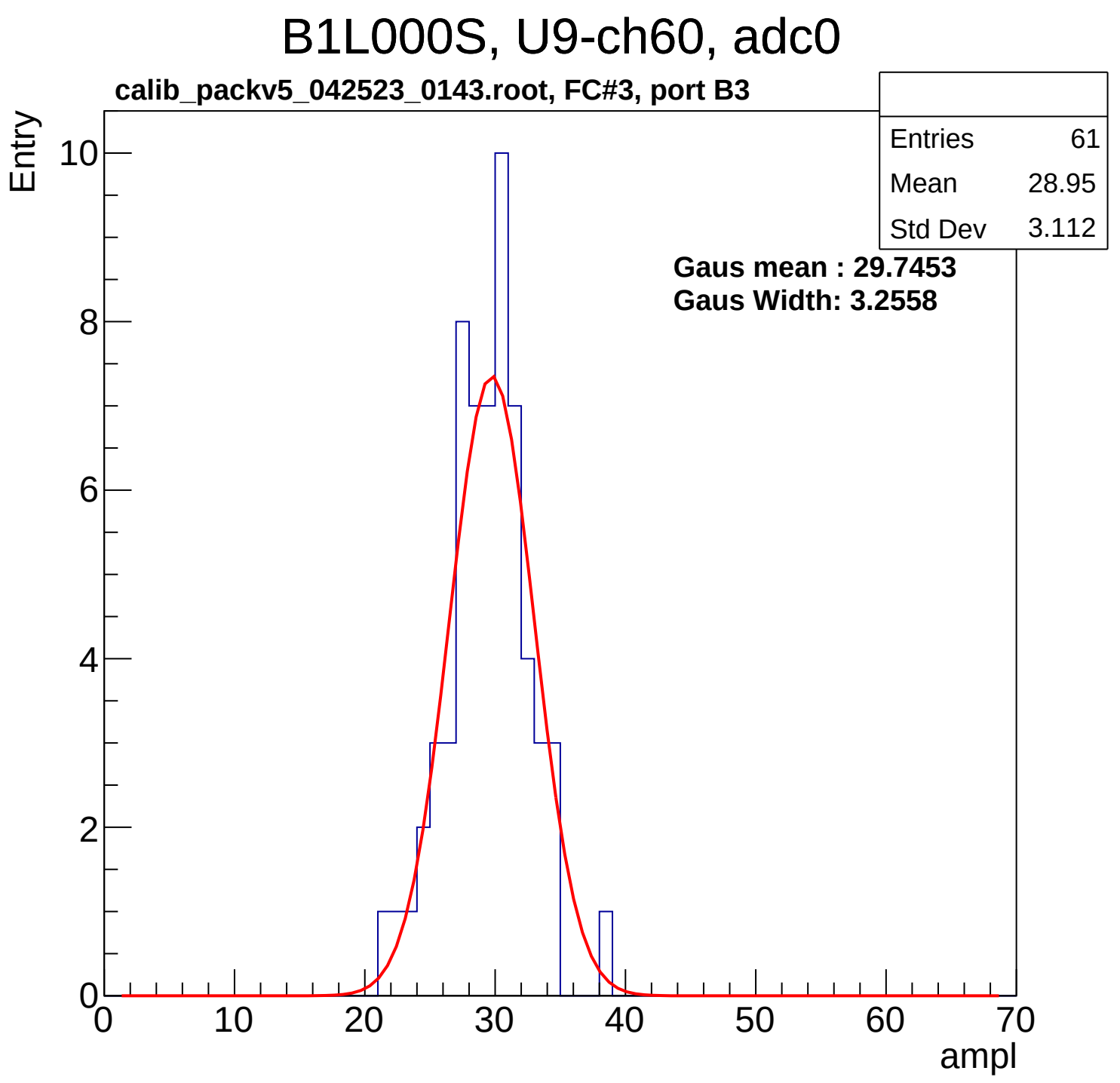

B1L000S, U9-ch59, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 57.46
Std Dev 16.6
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch59, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch60, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 28.95
Std Dev 3.112
Gaus mean : 29.7453
Gaus Width: 3.2558
Entry
ampl
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4
6
8
10
0
10
20
30
40
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60
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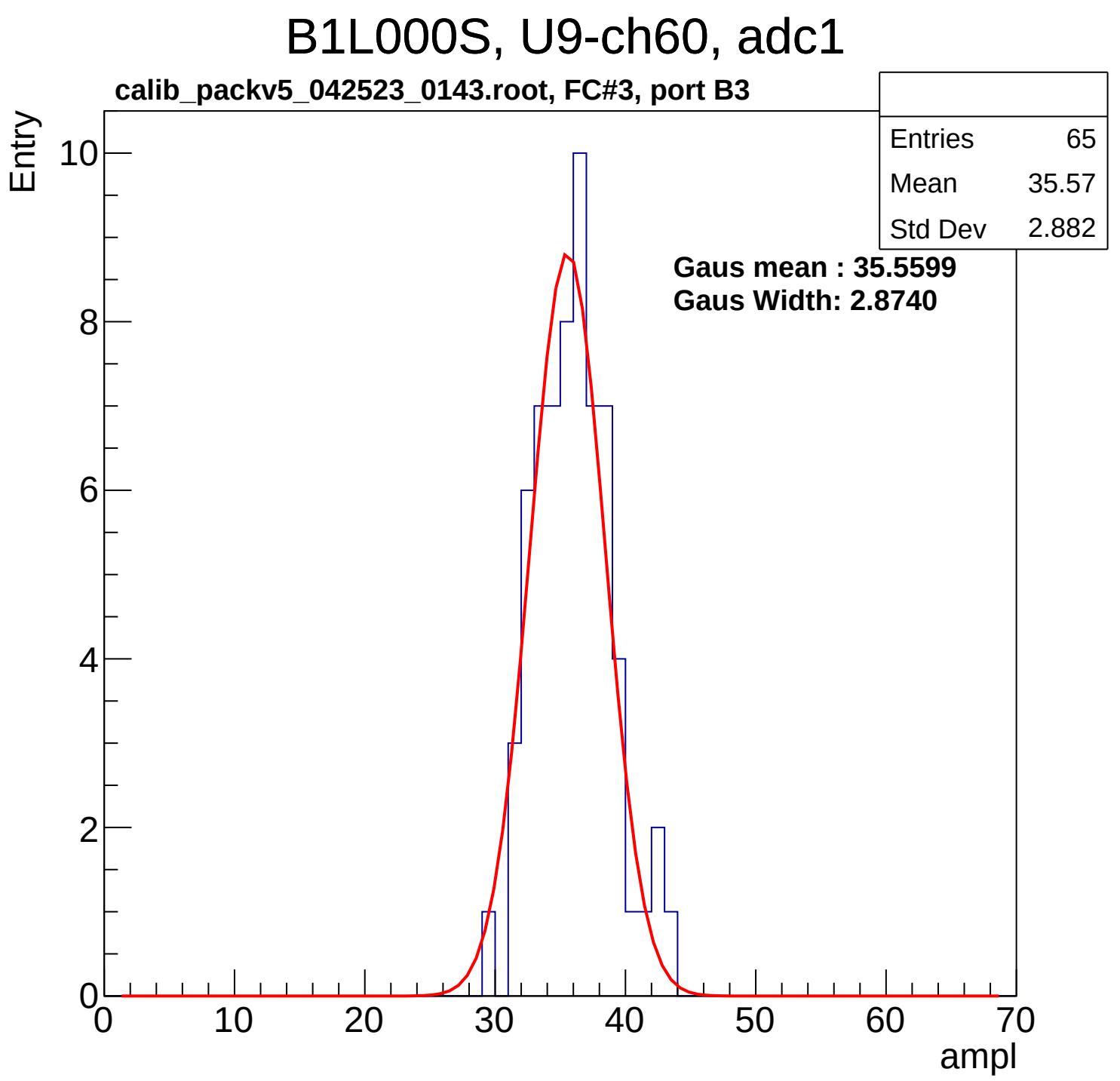
B1L000S, U9-ch60, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.57
Std Dev 2.882
Gaus mean : 35.5599
Gaus Width: 2.8740
Entry
ampl
0
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6
8
10
0
10
20
30
40
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60
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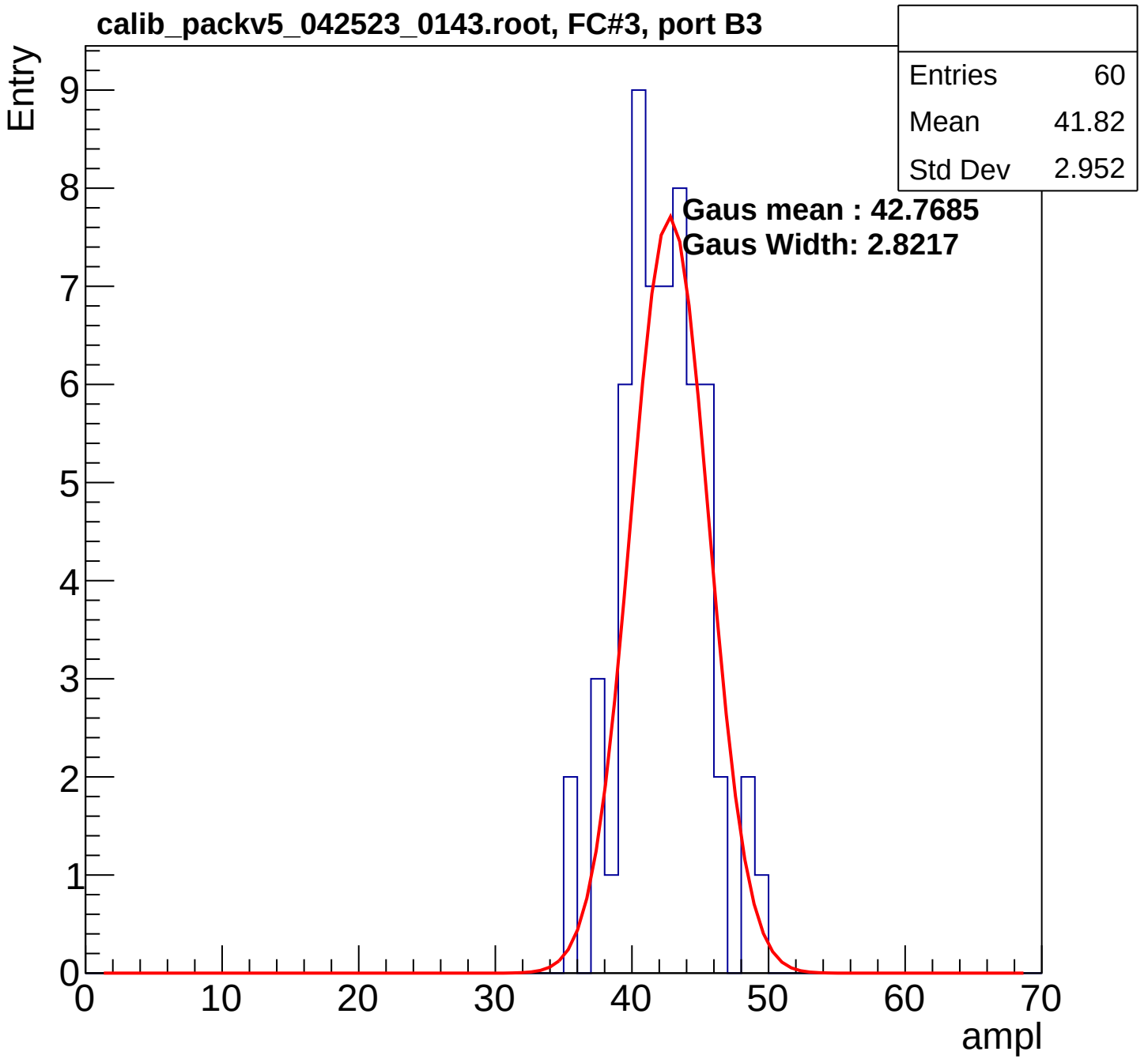
B1L000S, U9-ch60, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.82
Std Dev 2.952
Gaus mean : 42.7685
Gaus Width: 2.8217
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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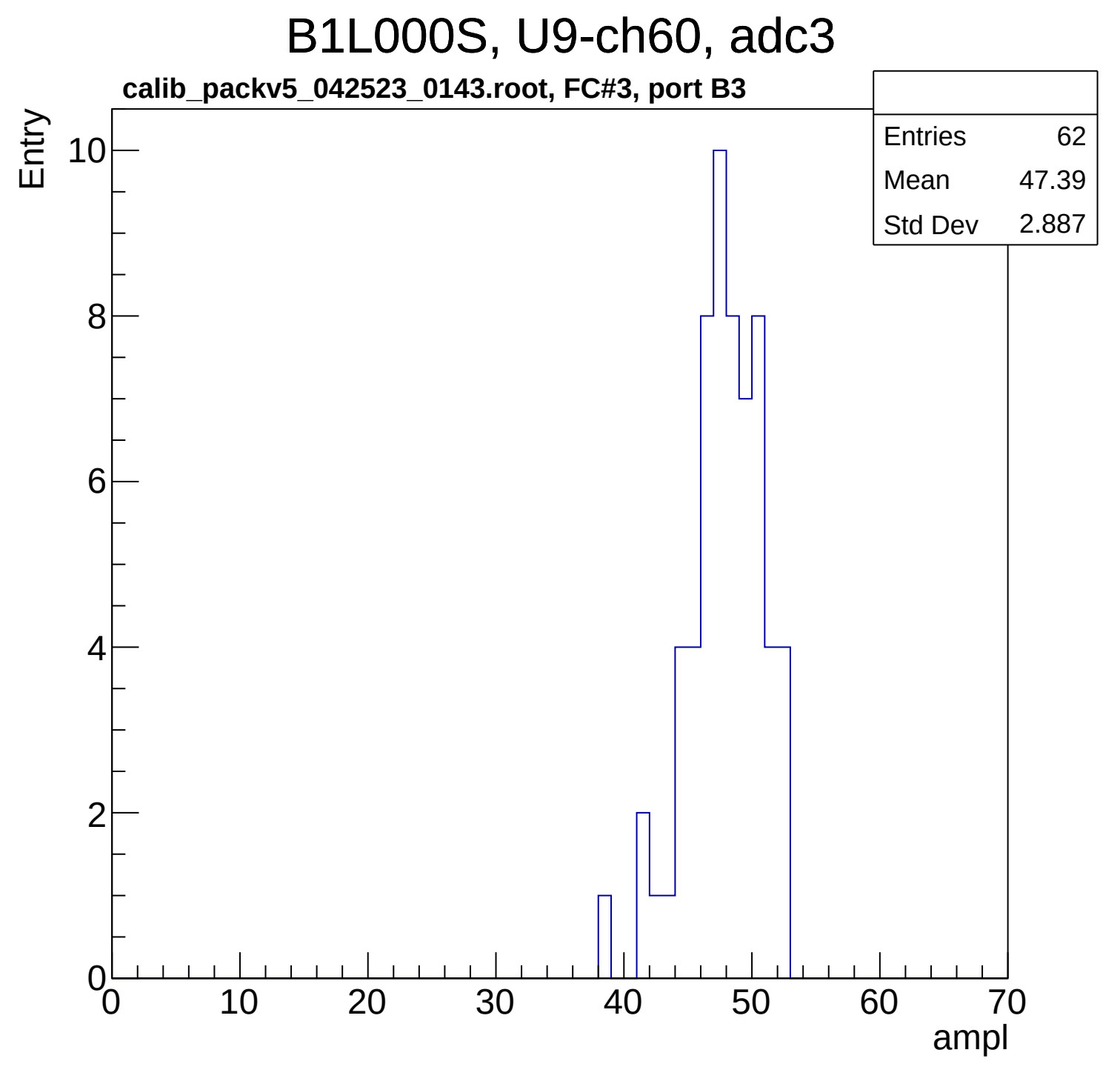
B1L000S, U9-ch60, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 47.39
Std Dev 2.887
Entry
ampl
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0
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40
50
60
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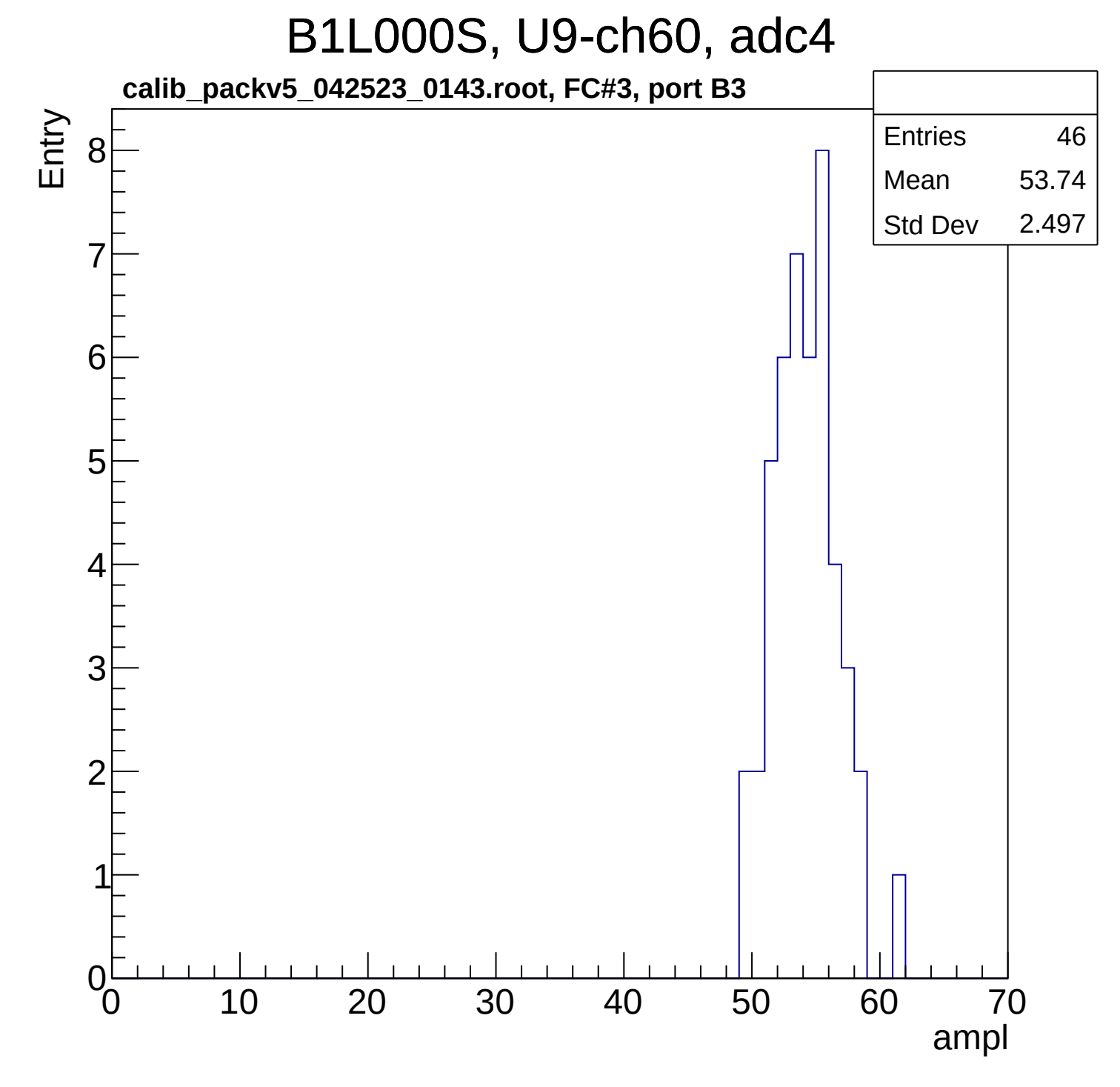
B1L000S, U9-ch60, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 53.74
Std Dev 2.497
Entry
ampl
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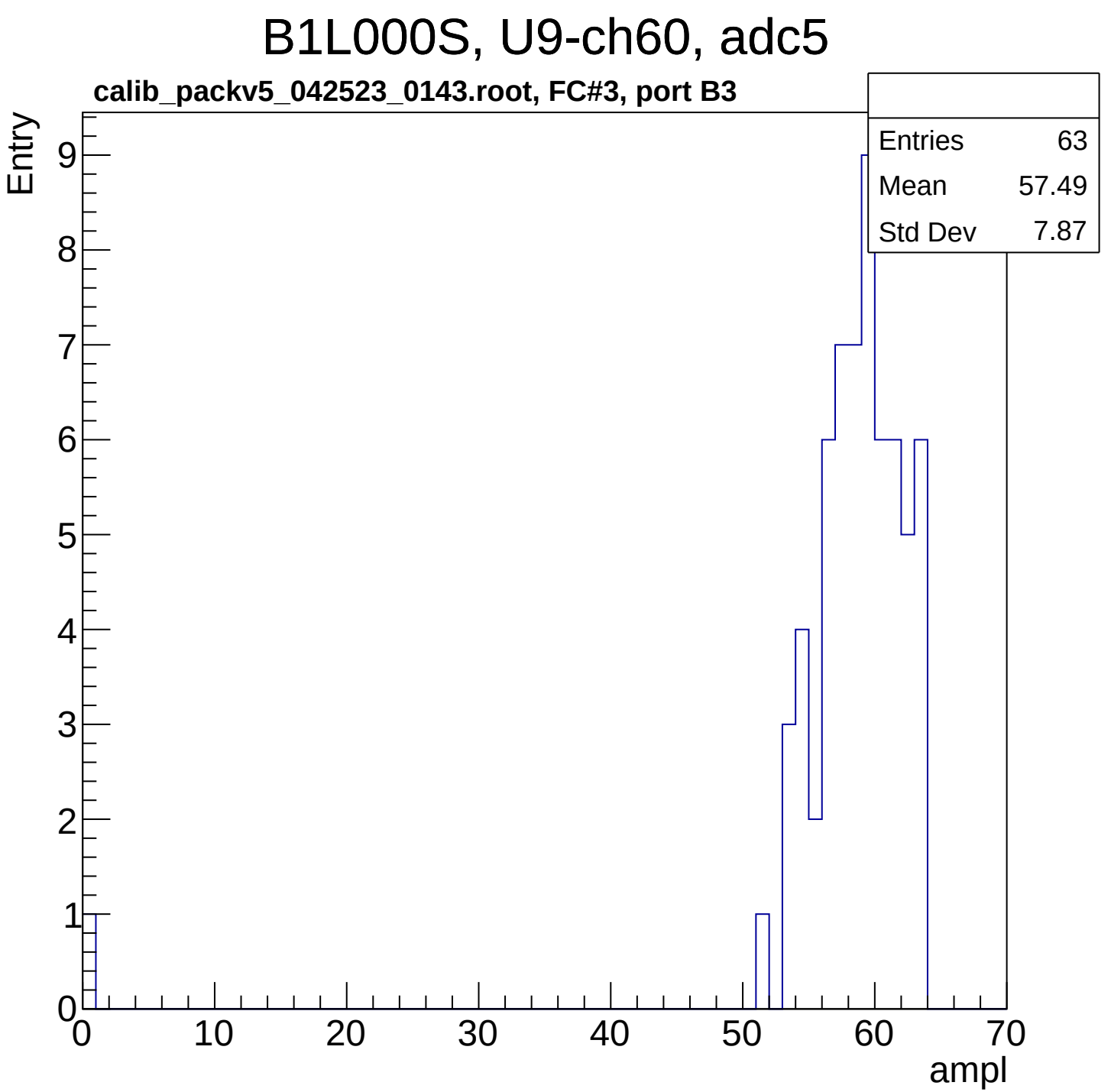
B1L000S, U9-ch60, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.49
Std Dev 7.87
Entry
ampl
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0
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60
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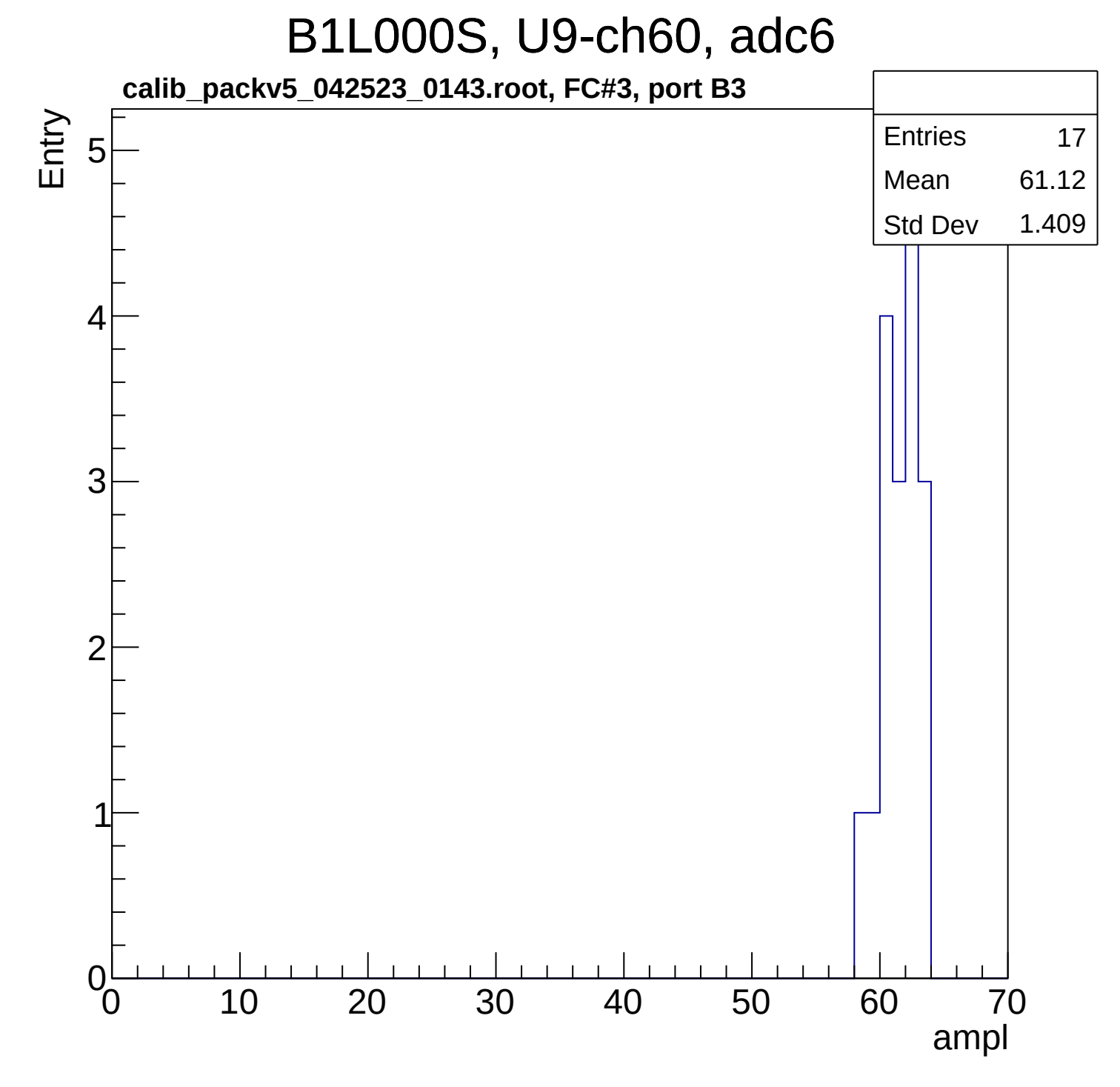
B1L000S, U9-ch60, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.12
Std Dev 1.409
Entry
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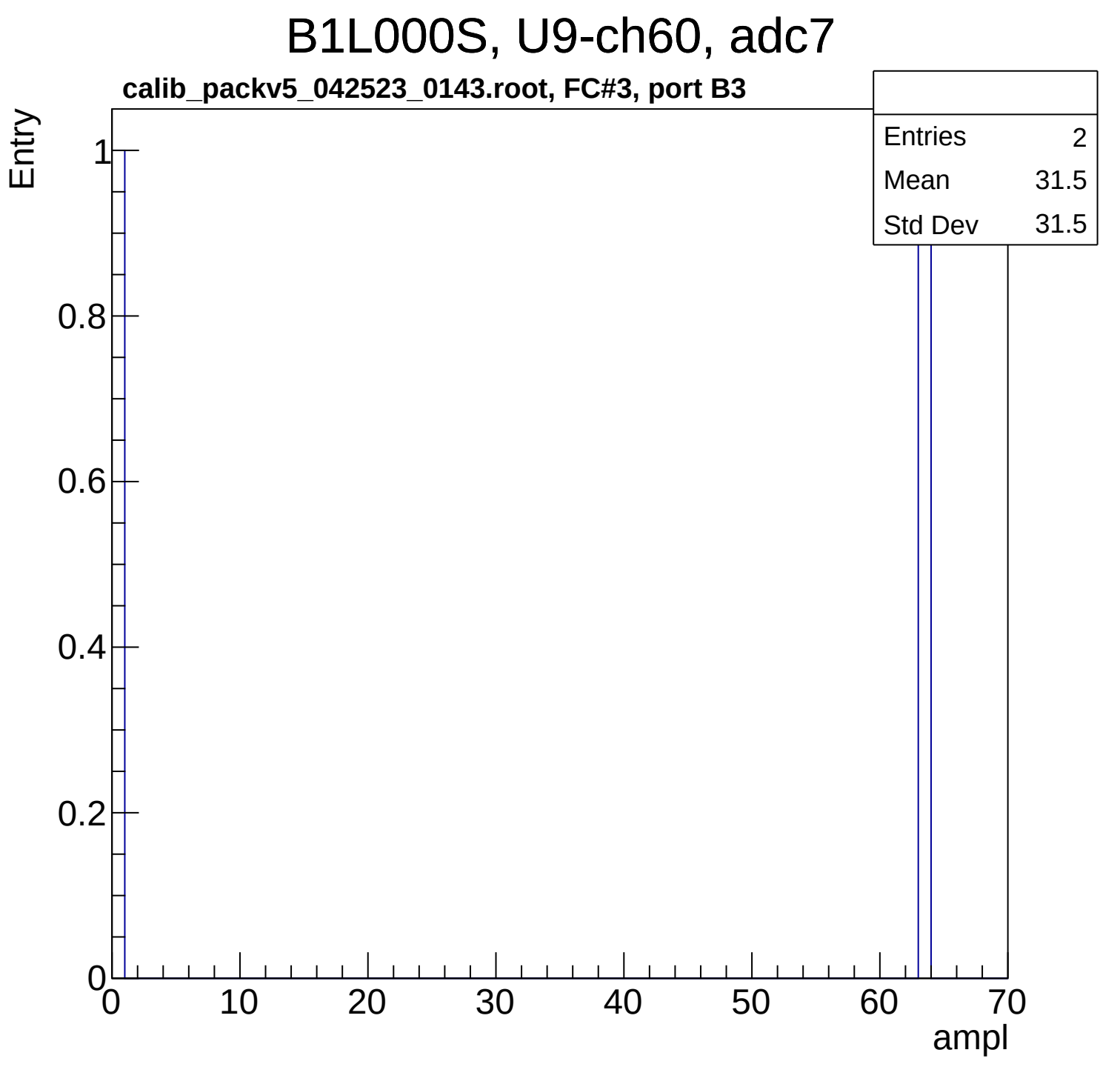
60
70
ampl


B1L000S, U9-ch60, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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0.4
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10
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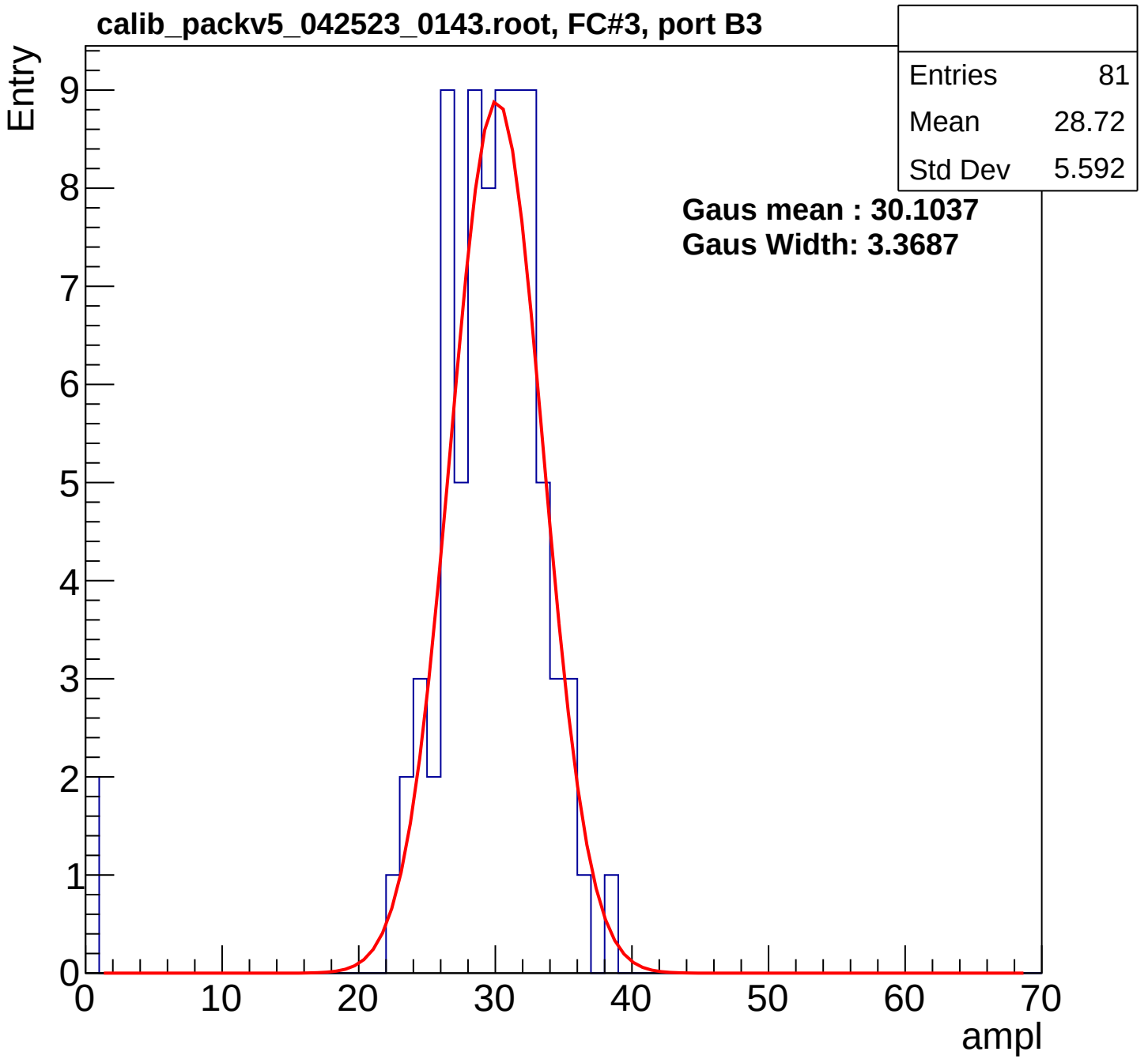
50
60
70
ampl


B1L000S, U9-ch61, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 28.72
Std Dev 5.592
Gaus mean : 30.1037
Gaus Width: 3.3687
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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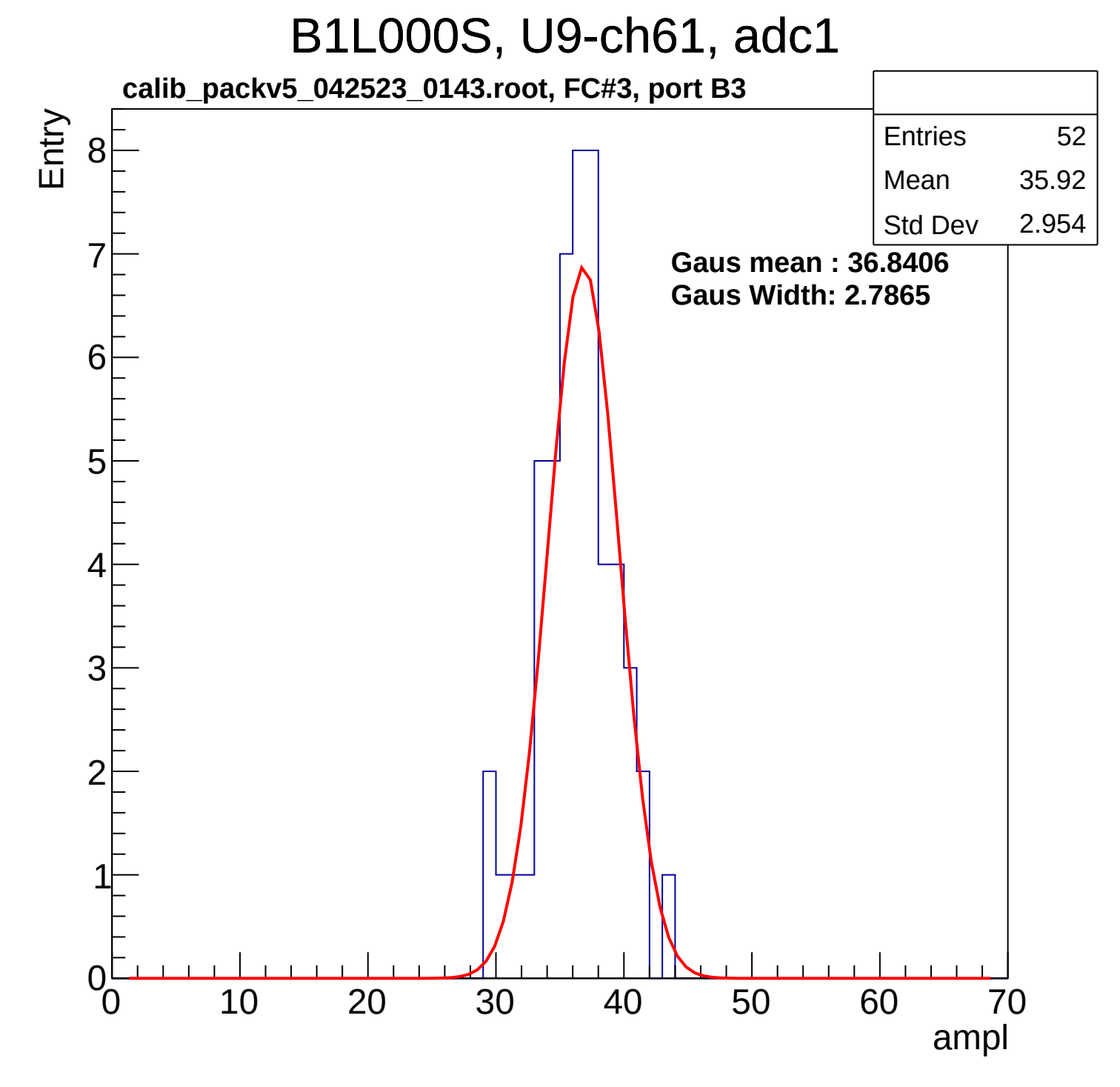
B1L000S, U9-ch61, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 35.92
Std Dev 2.954
Gaus mean : 36.8406
Gaus Width: 2.7865
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
50
60
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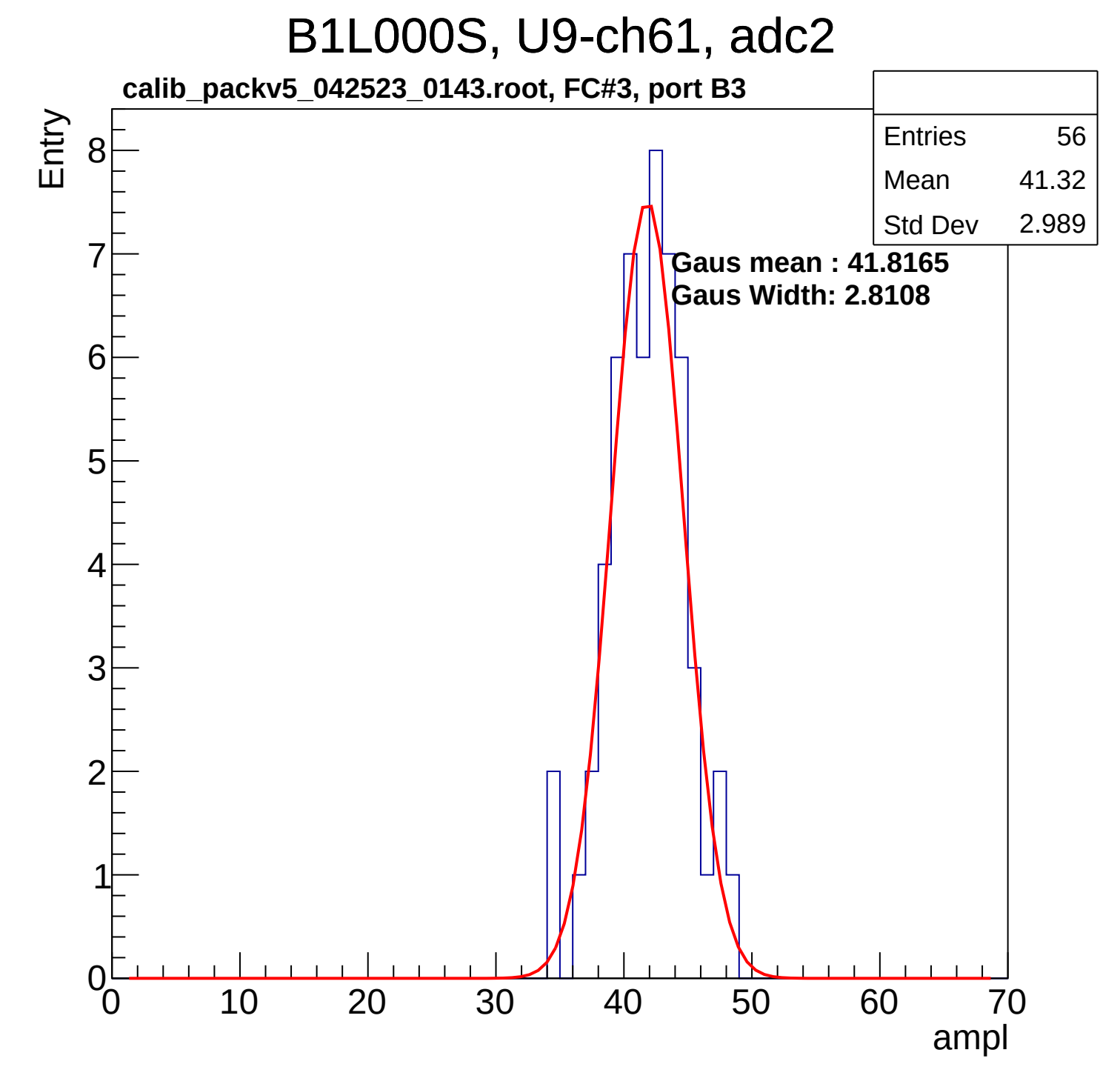
B1L000S, U9-ch61, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.32
Std Dev 2.989
Gaus mean : 41.8165
Gaus Width: 2.8108
Entry
ampl
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1
2
3
4
5
6
7
8
0
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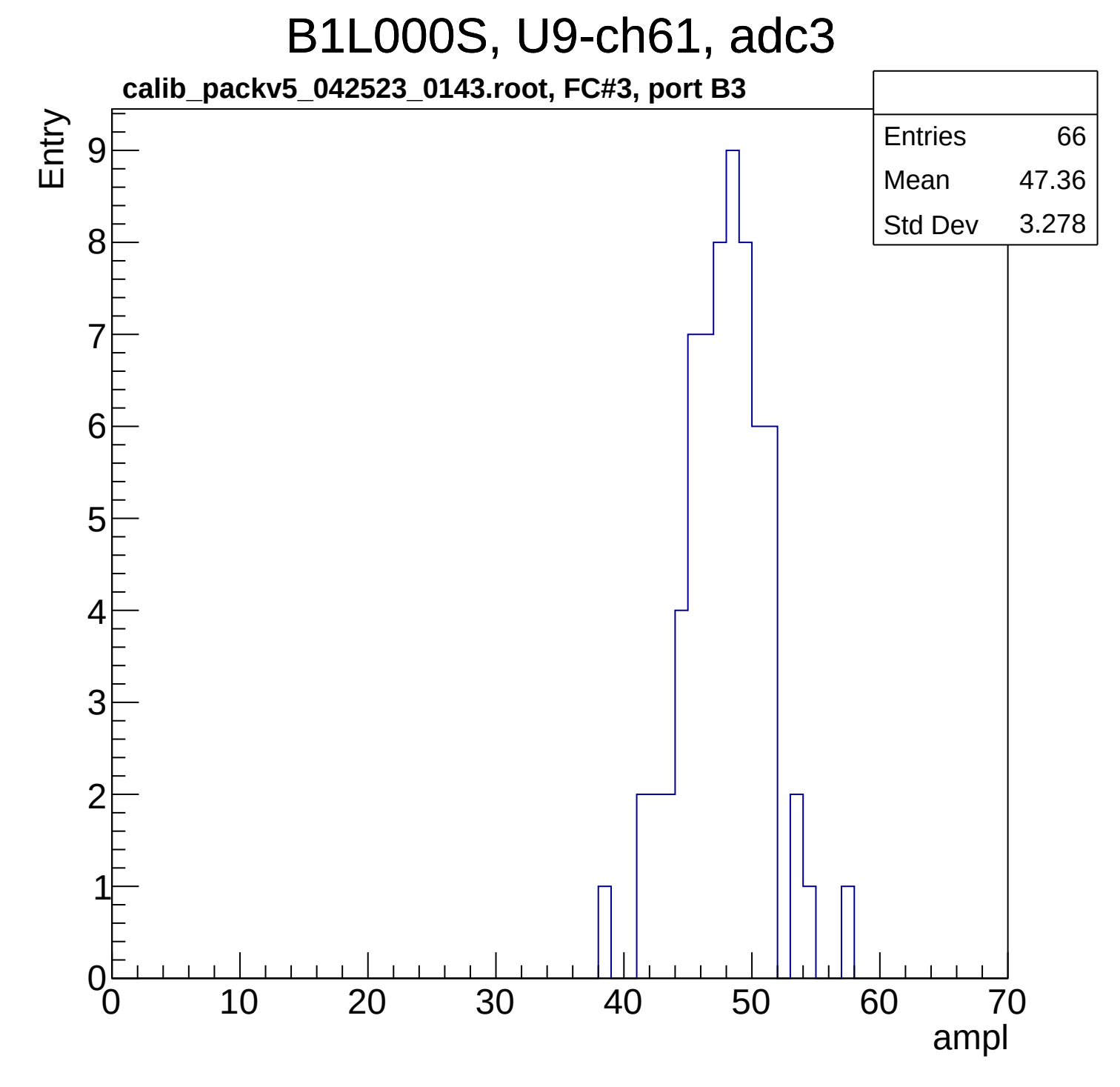
B1L000S, U9-ch61, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 47.36
Std Dev 3.278
Entry
ampl
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2
3
4
5
6
7
8
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0
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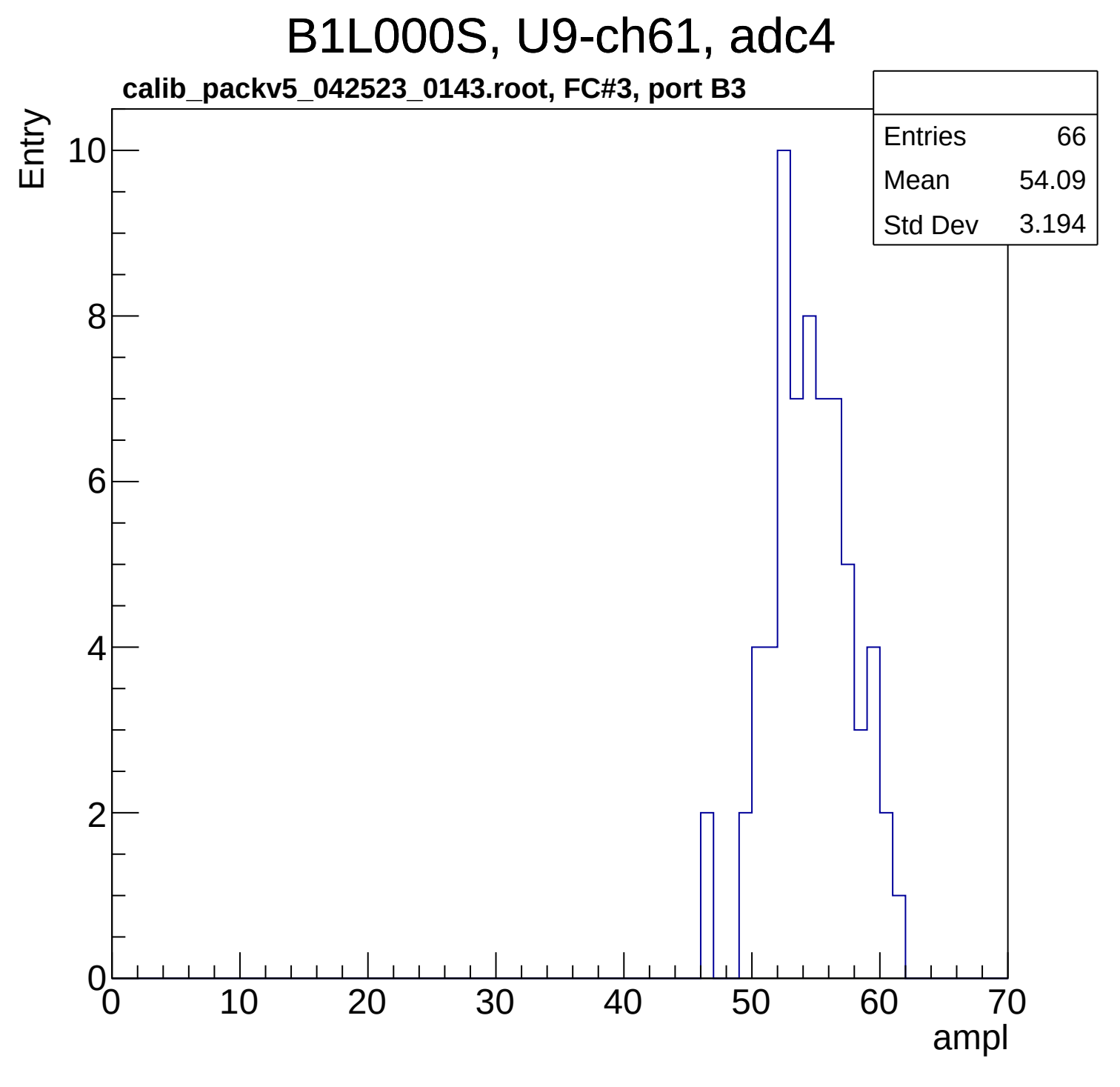
B1L000S, U9-ch61, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 54.09
Std Dev 3.194
Entry
ampl
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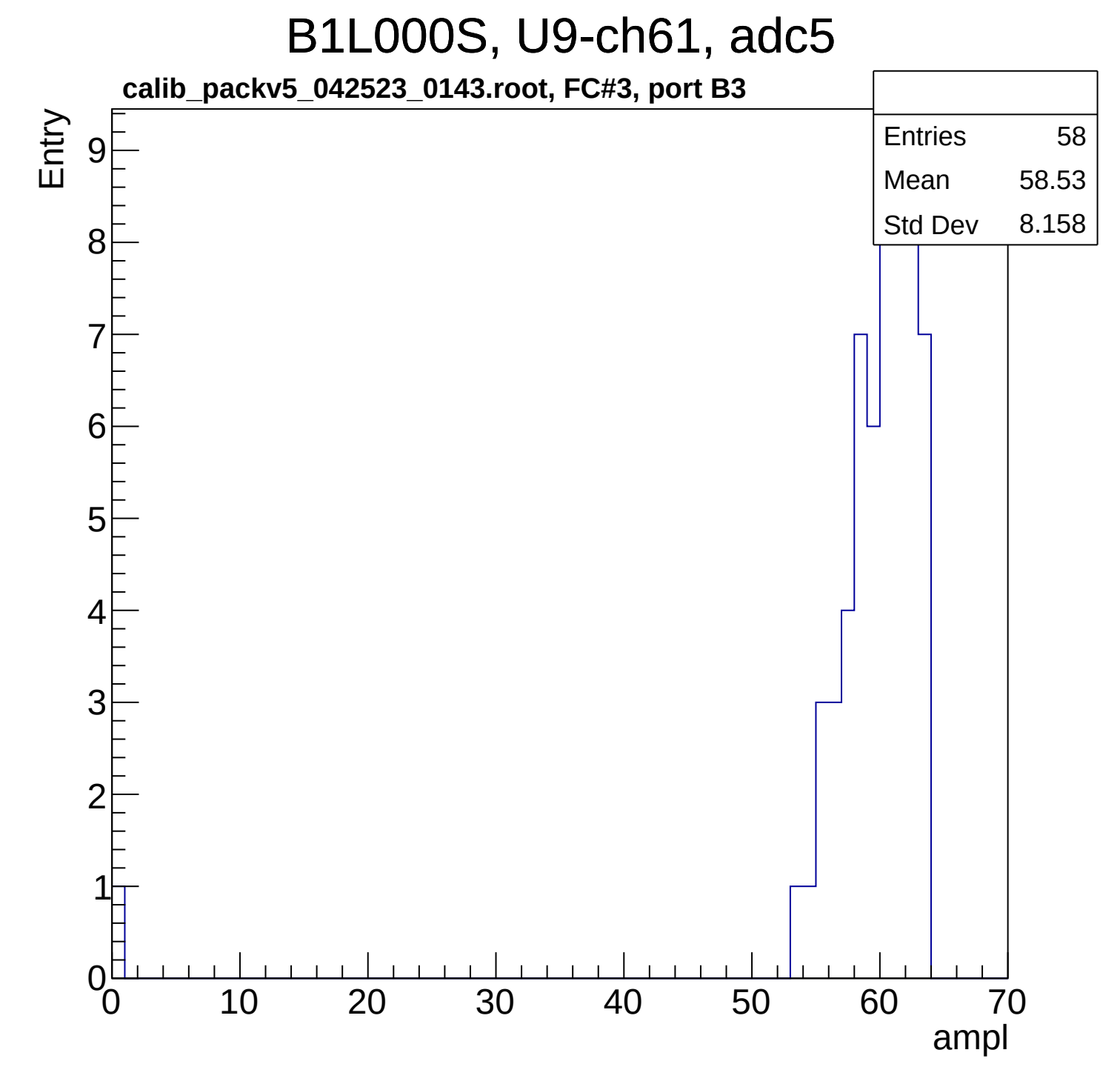
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch61, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.53
Std Dev 8.158
Entry
ampl
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7
8
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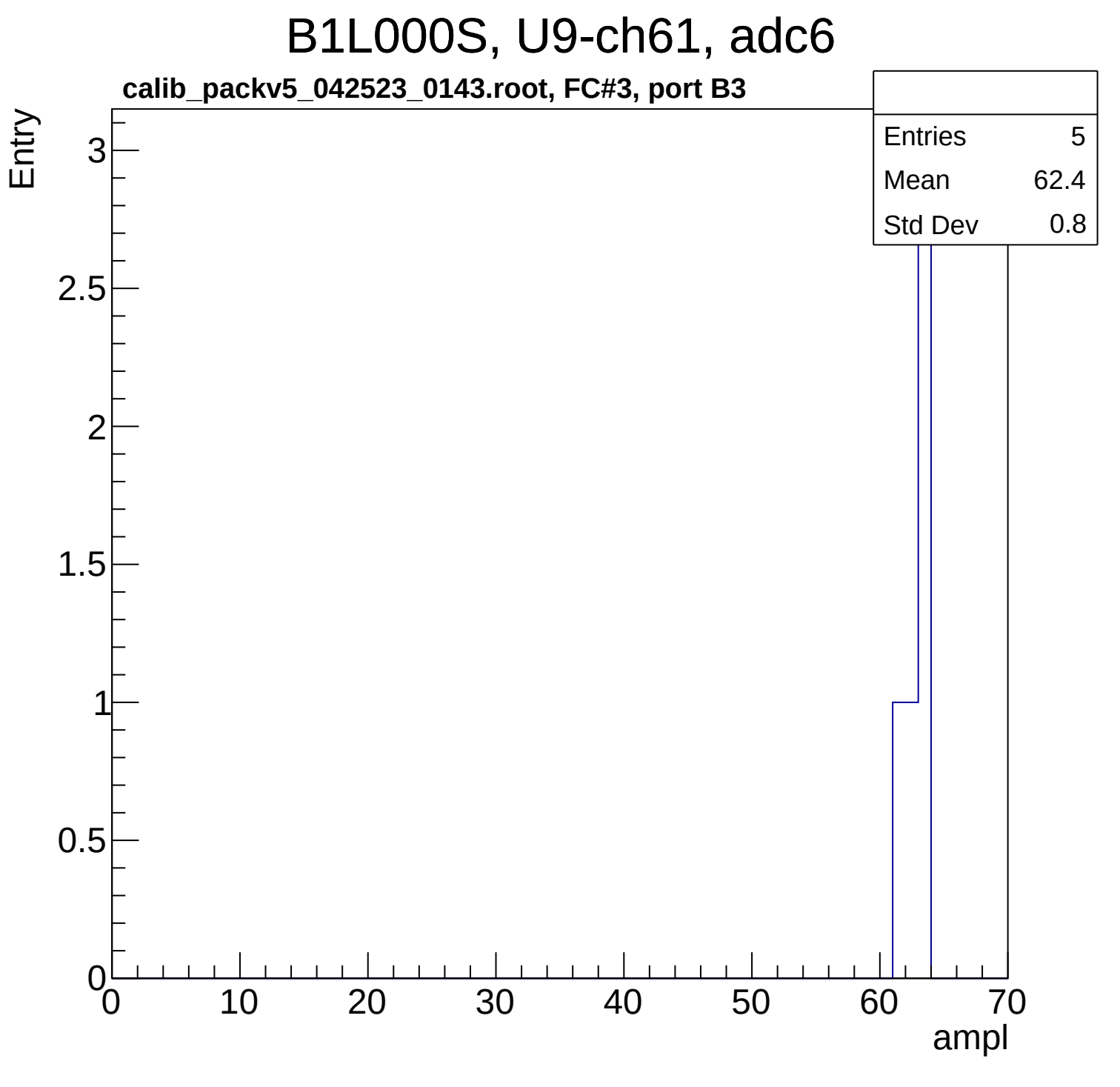
B1L000S, U9-ch61, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.4
Std Dev 0.8
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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40
50
60
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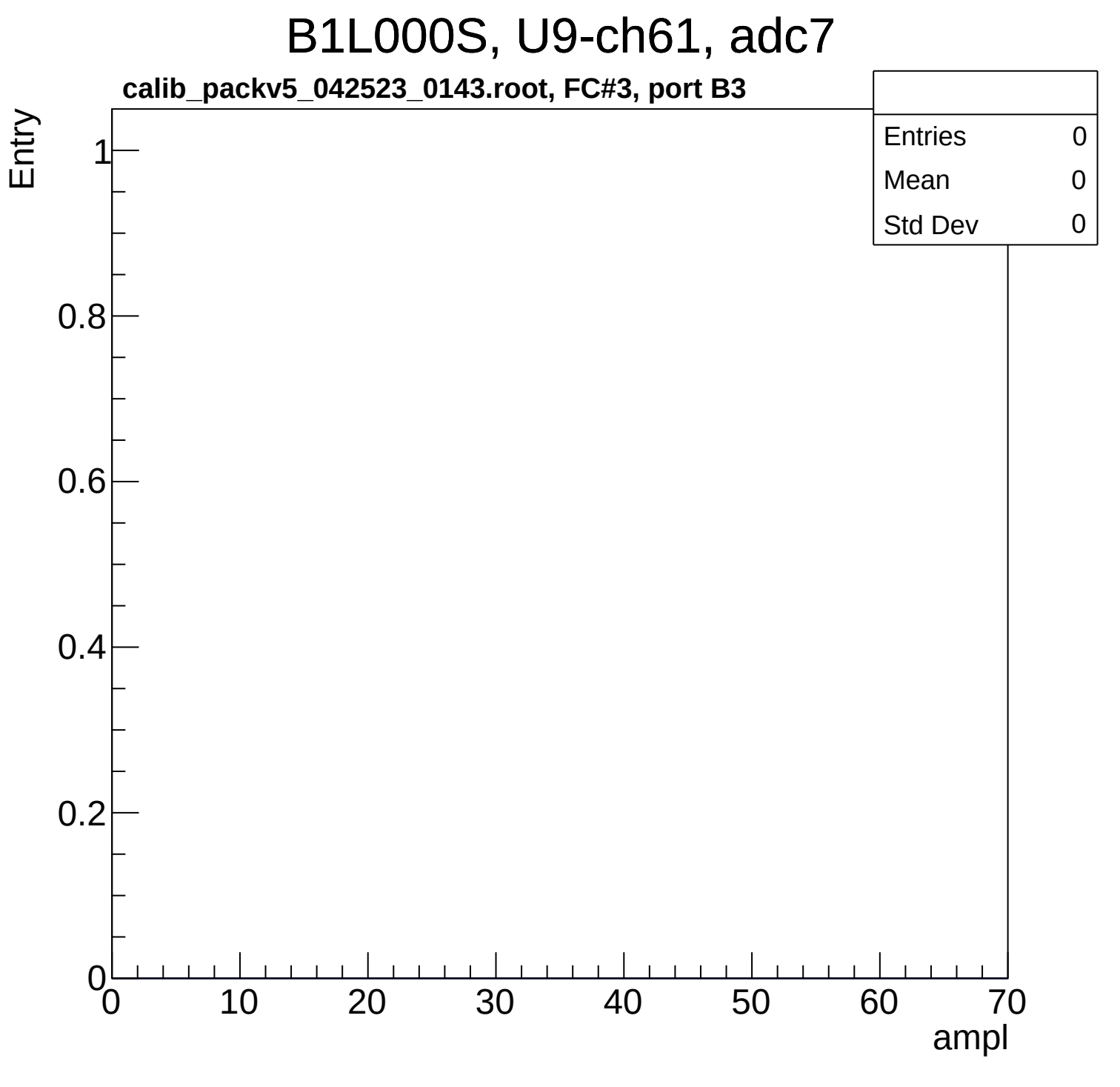
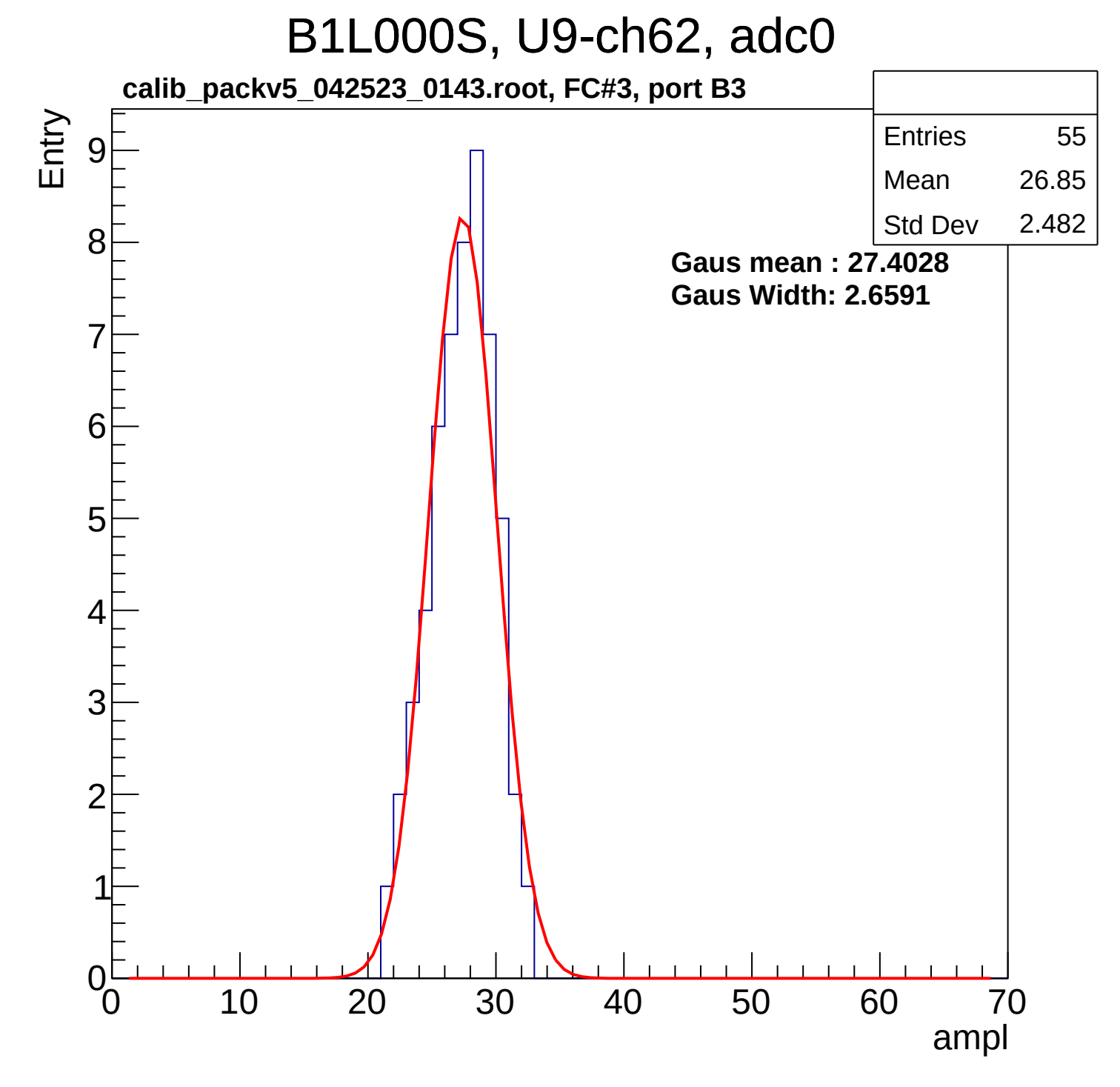

B1L000S, U9-ch61, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch62, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 26.85
Std Dev 2.482
Gaus mean : 27.4028
Gaus Width: 2.6591
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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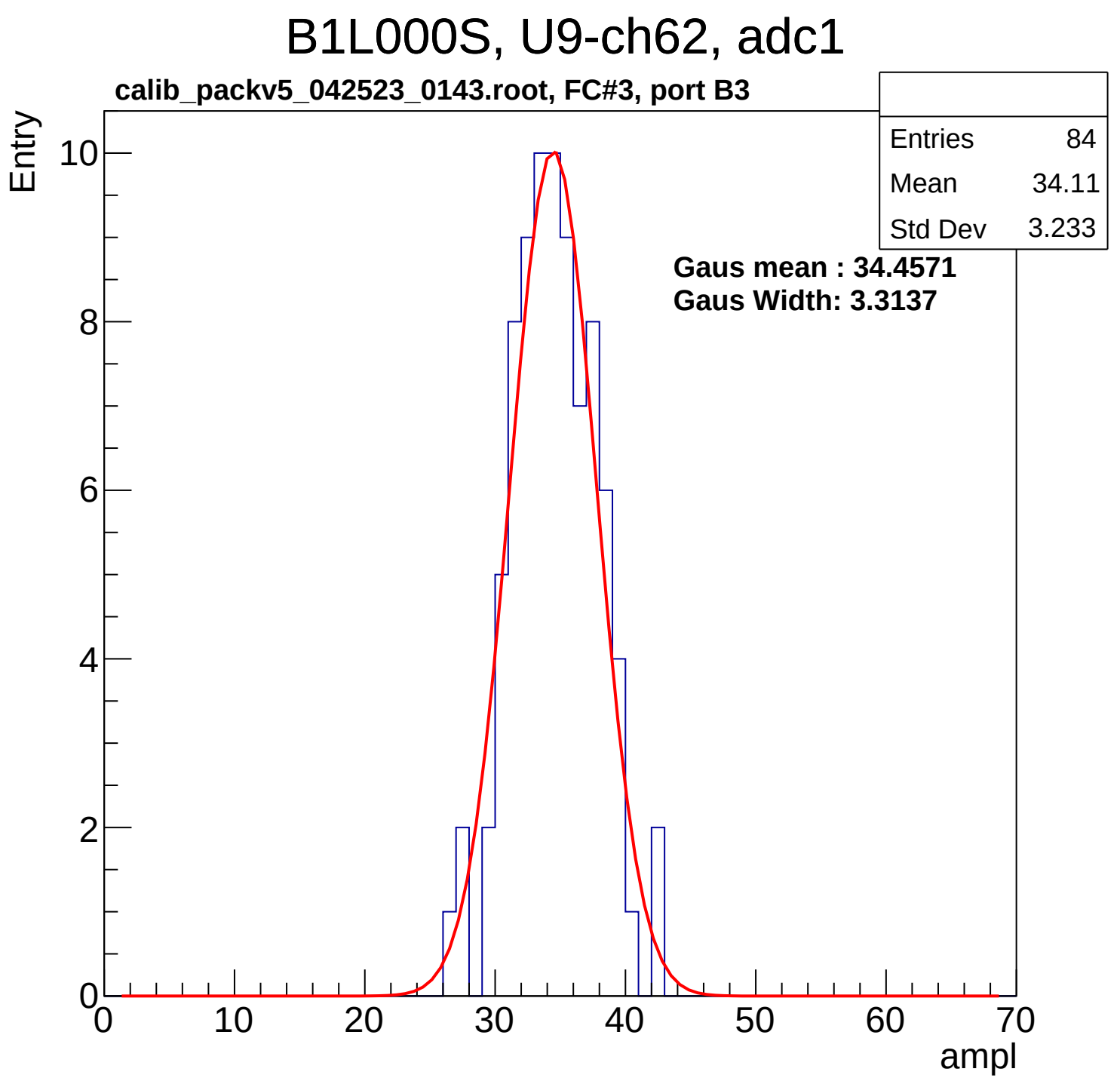
B1L000S, U9-ch62, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 34.11
Std Dev 3.233
Gaus mean : 34.4571
Gaus Width: 3.3137
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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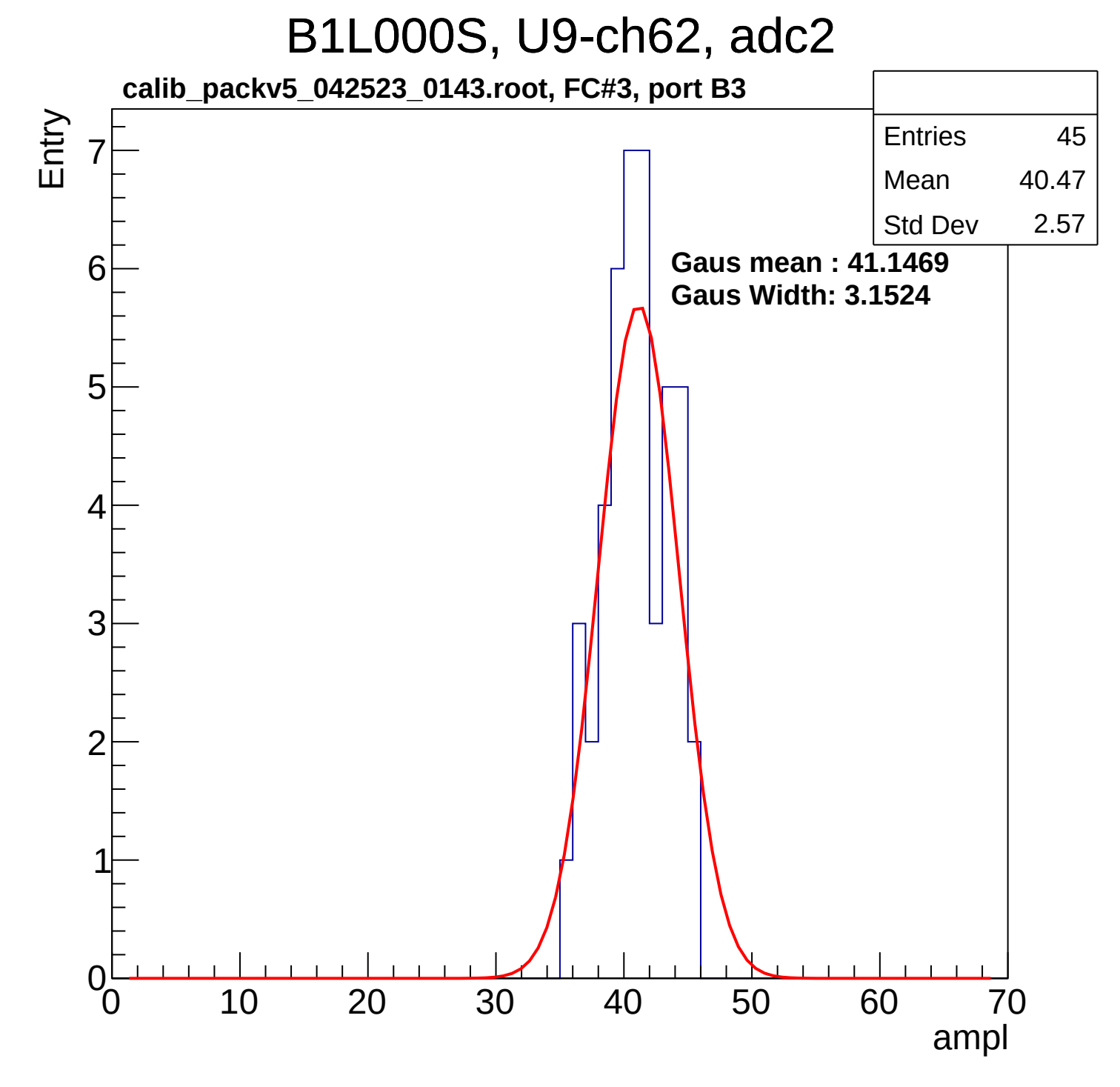
B1L000S, U9-ch62, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 40.47
Std Dev 2.57
Gaus mean : 41.1469
Gaus Width: 3.1524
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
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60
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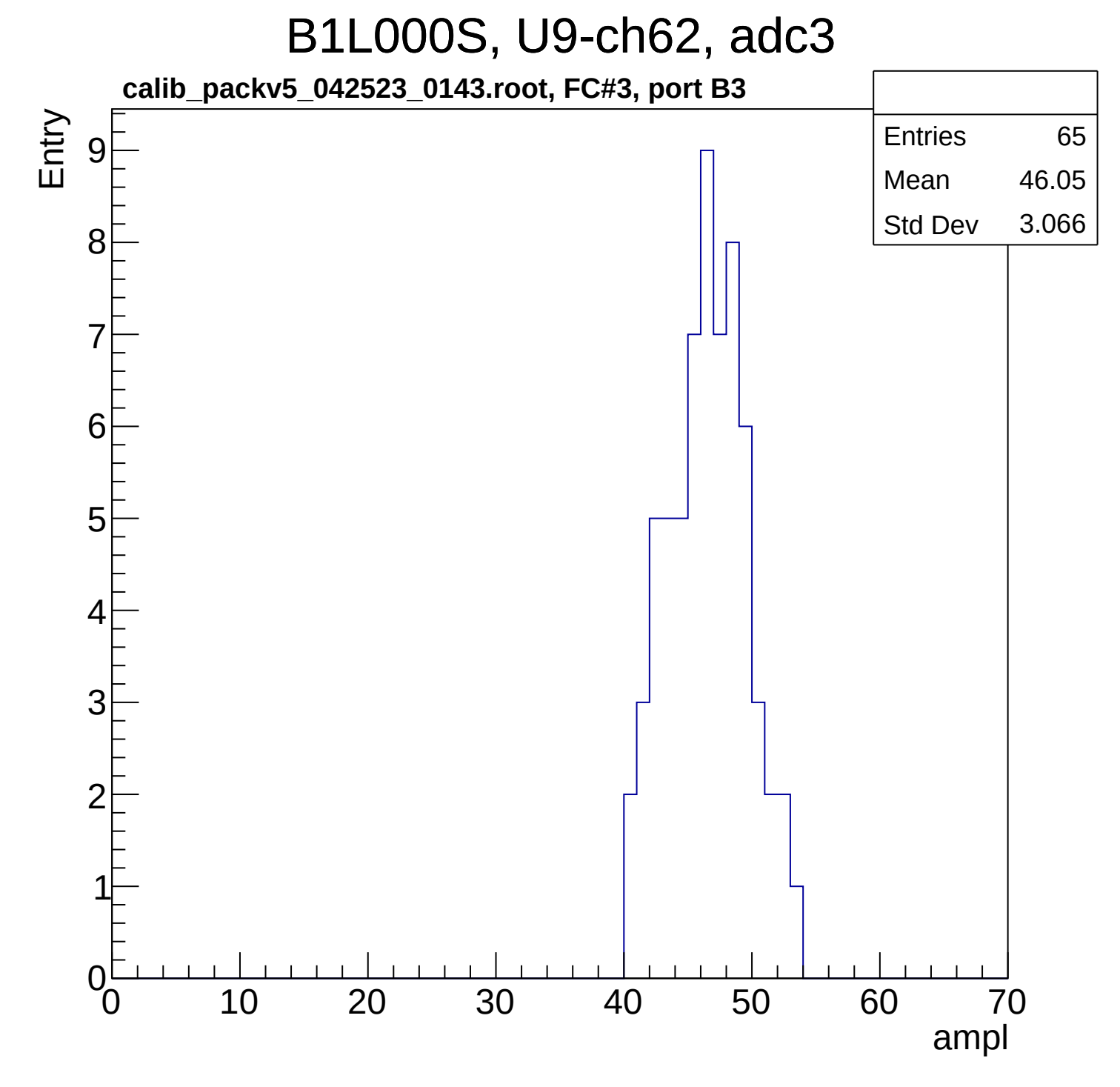
B1L000S, U9-ch62, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 46.05
Std Dev 3.066
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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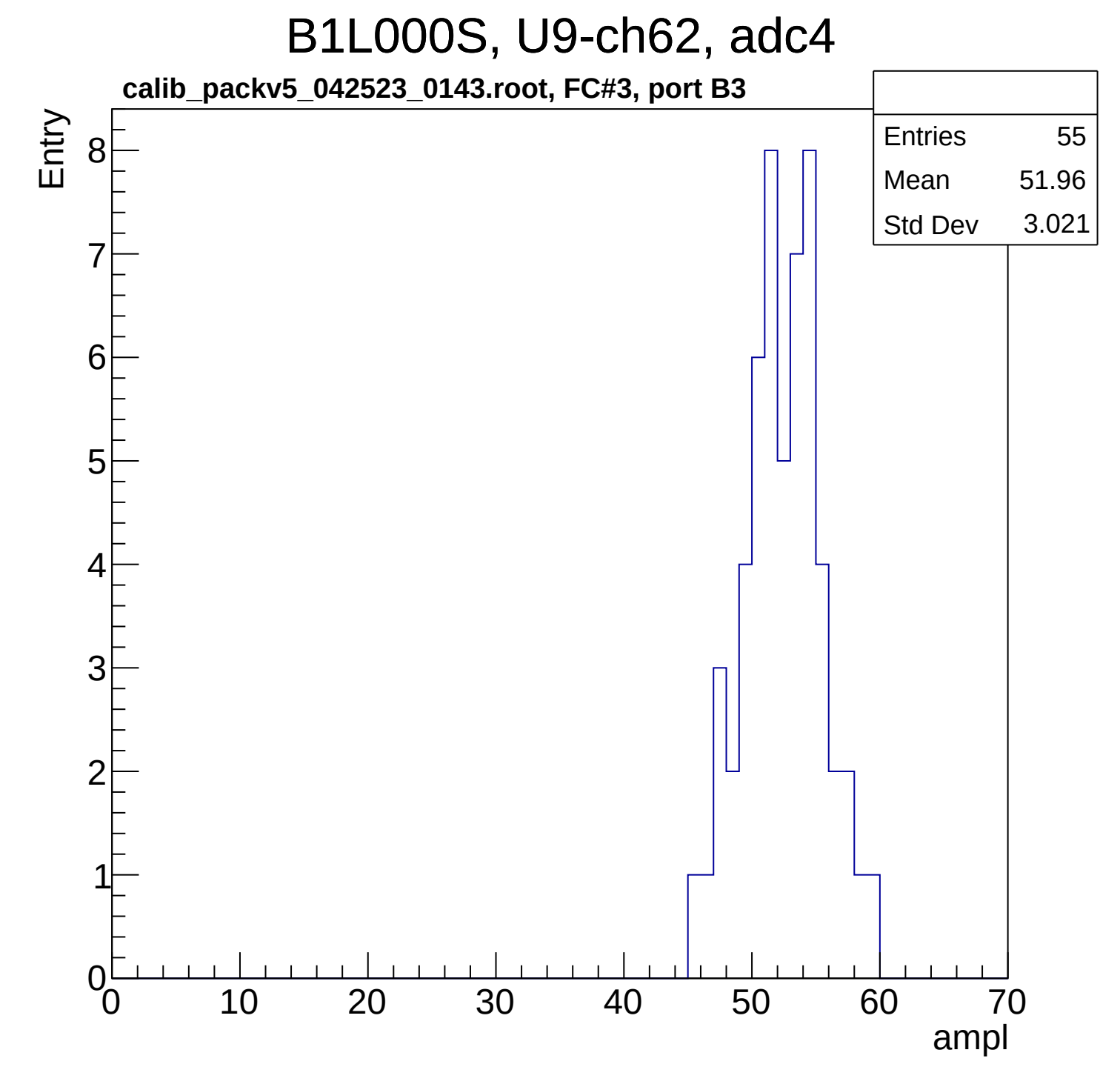
B1L000S, U9-ch62, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 51.96
Std Dev 3.021
Entry
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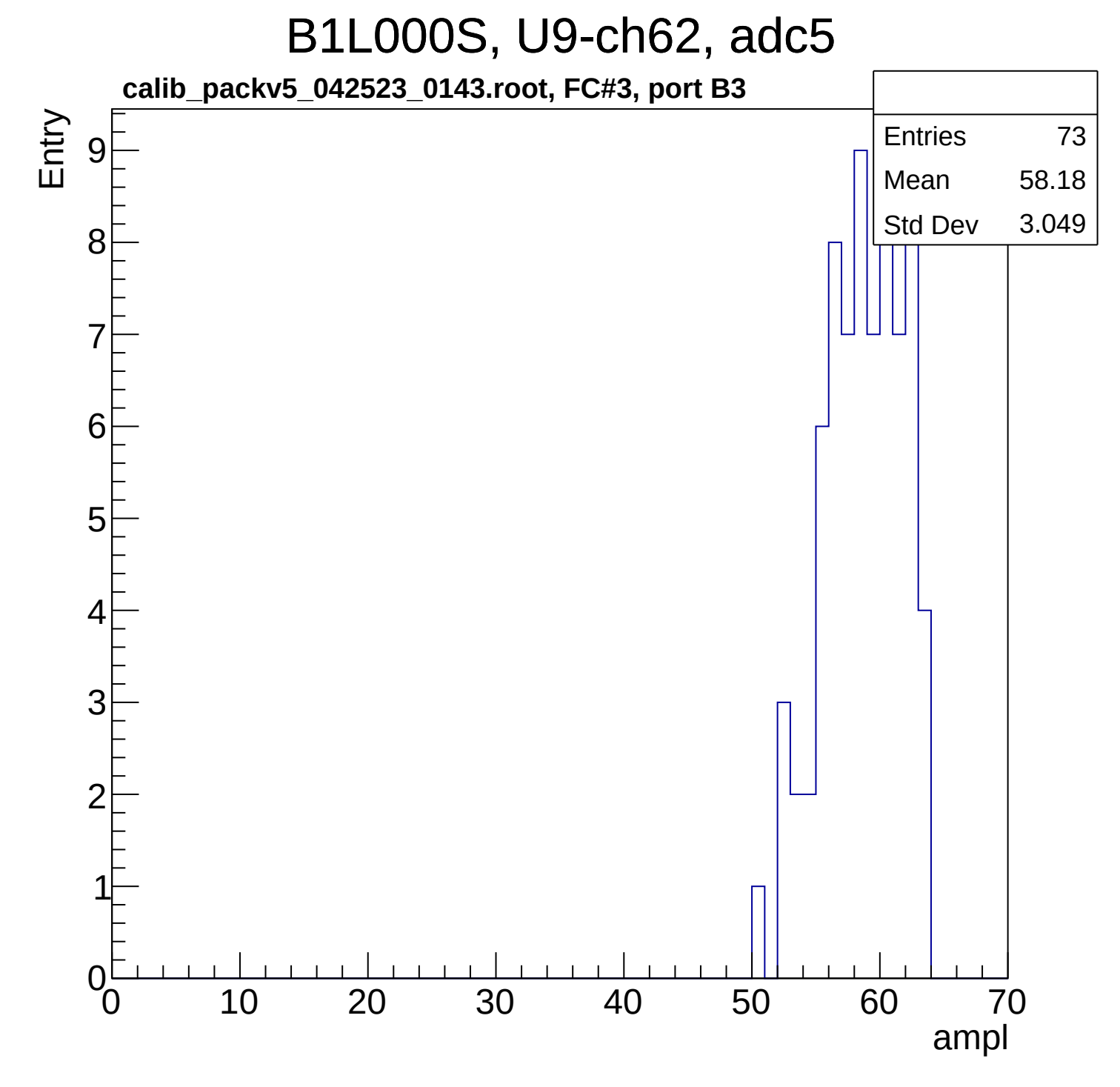
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch62, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 58.18
Std Dev 3.049
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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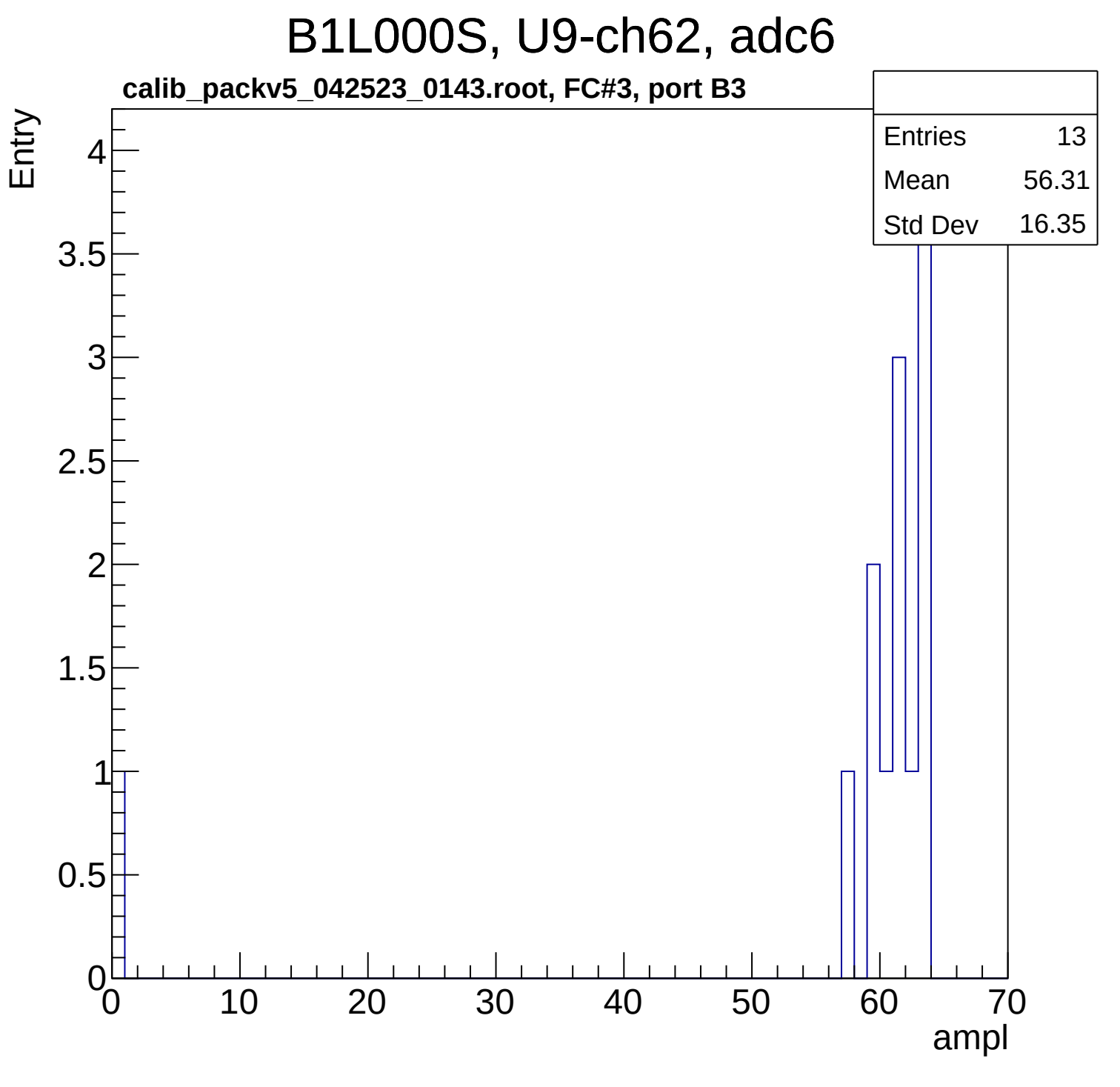
B1L000S, U9-ch62, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 56.31
Std Dev 16.35
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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60
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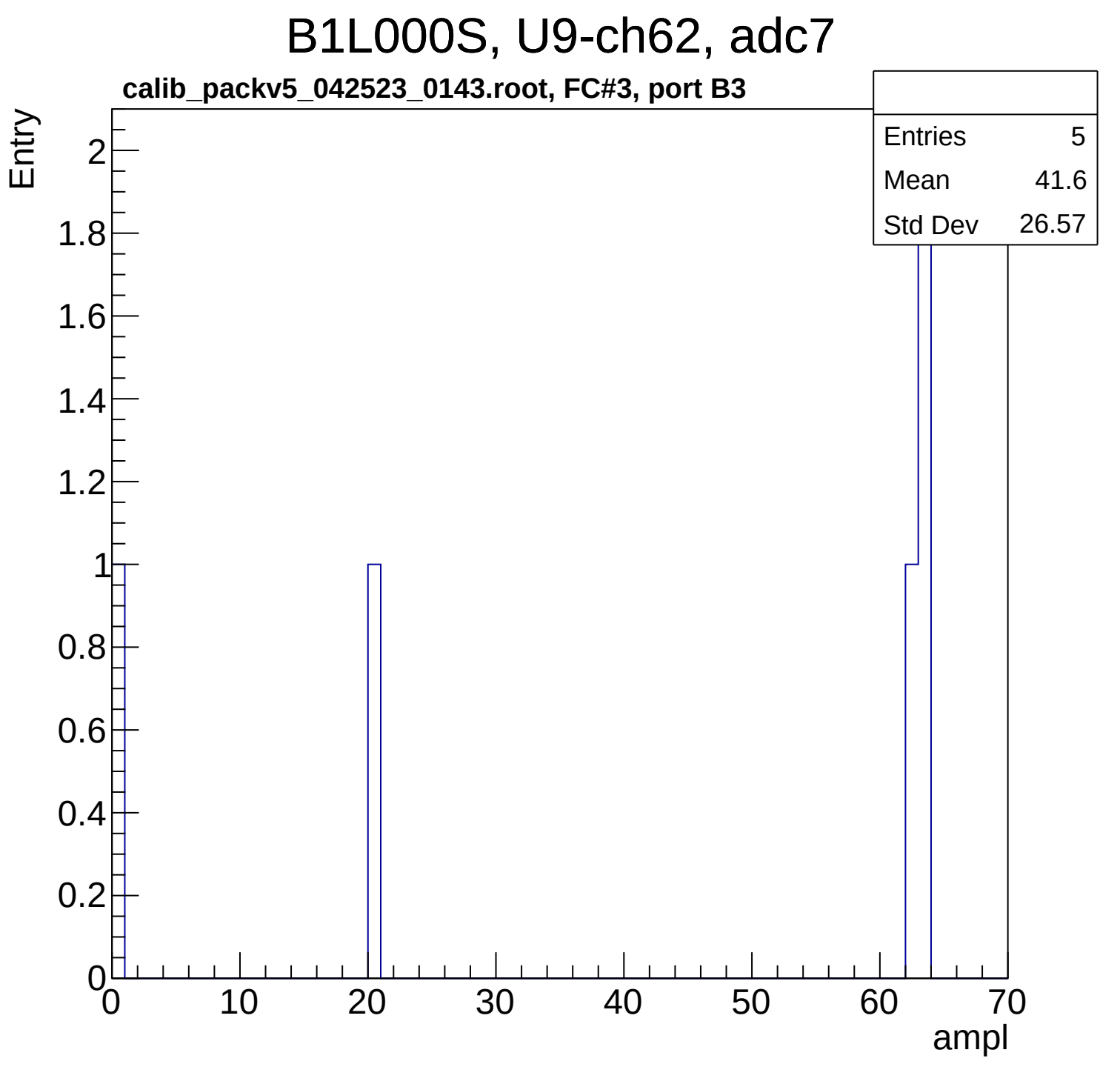
B1L000S, U9-ch62, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 41.6
Std Dev 26.57
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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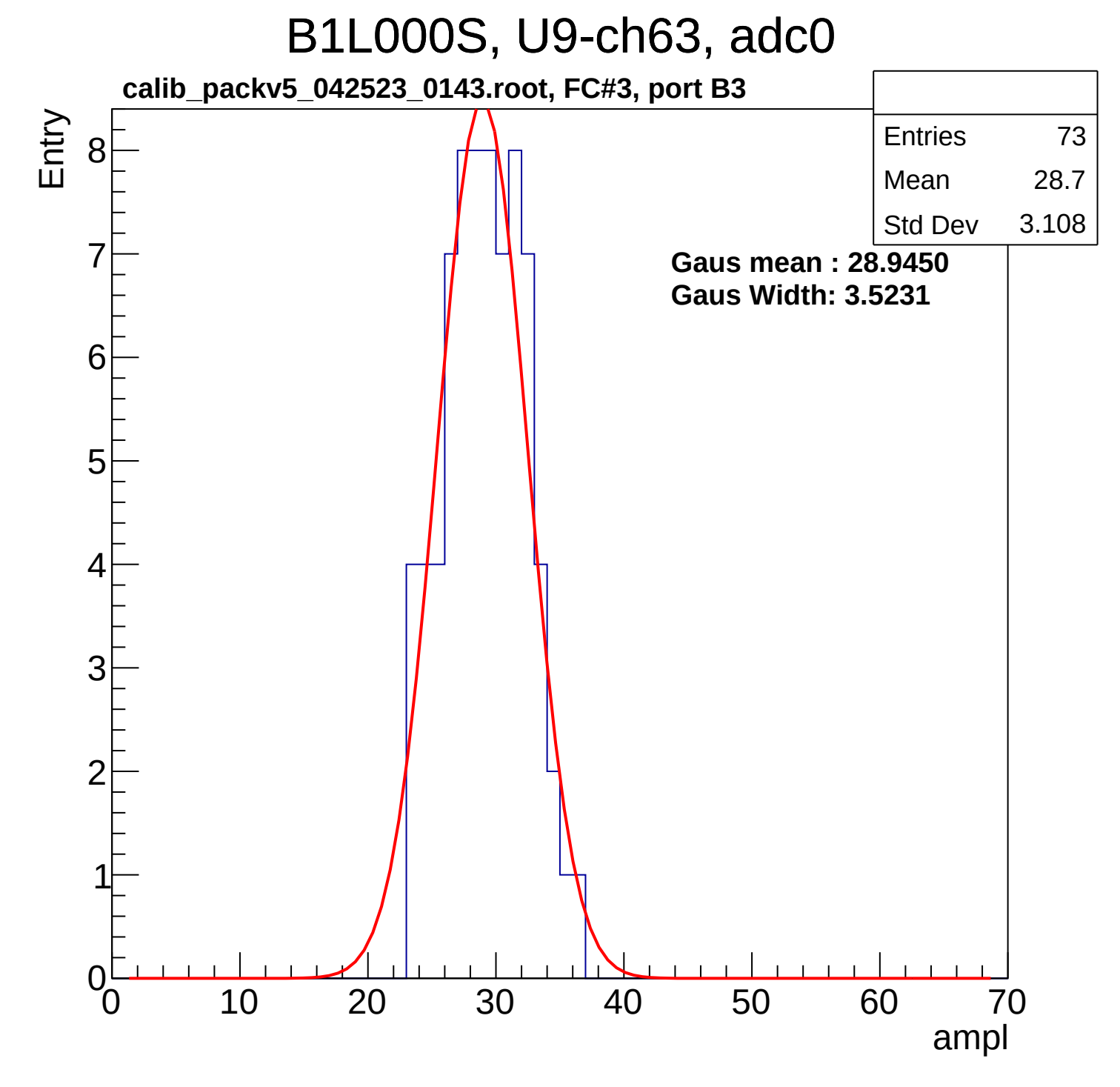
B1L000S, U9-ch63, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.7
Std Dev 3.108
Gaus mean : 28.9450
Gaus Width: 3.5231
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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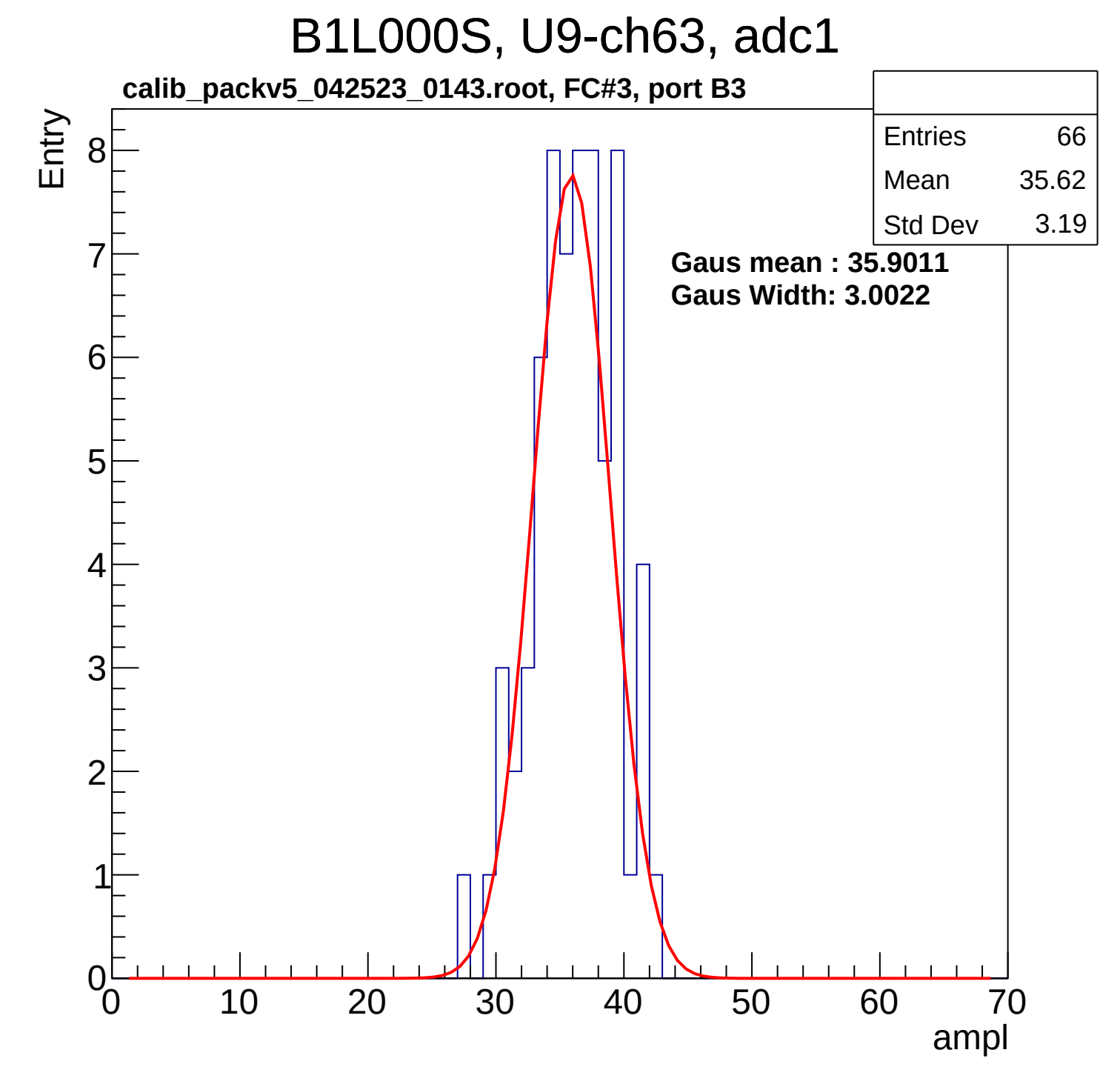
B1L000S, U9-ch63, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.62
Std Dev 3.19
Gaus mean : 35.9011
Gaus Width: 3.0022
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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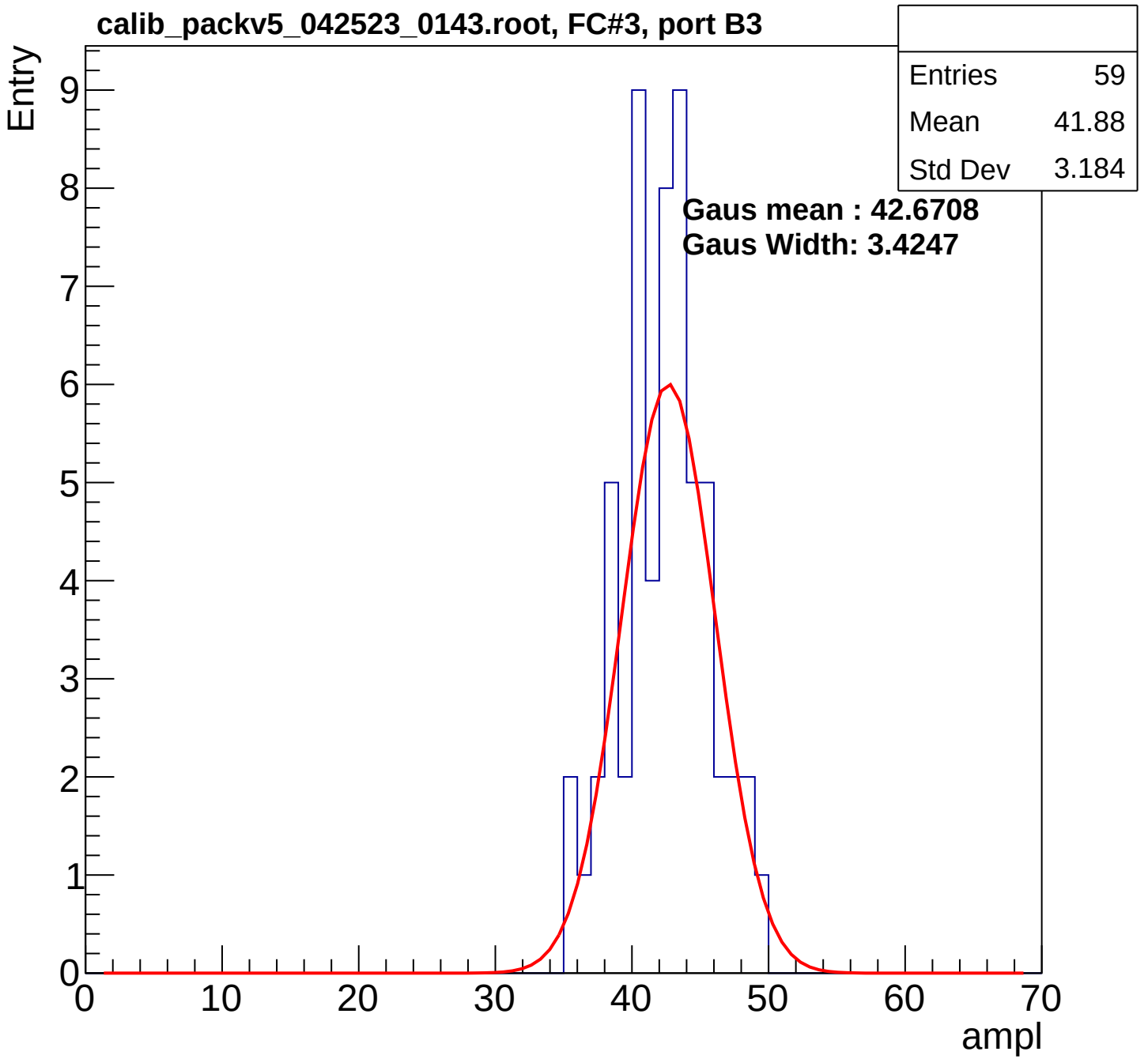
B1L000S, U9-ch63, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.88
Std Dev 3.184
Gaus mean : 42.6708
Gaus Width: 3.4247
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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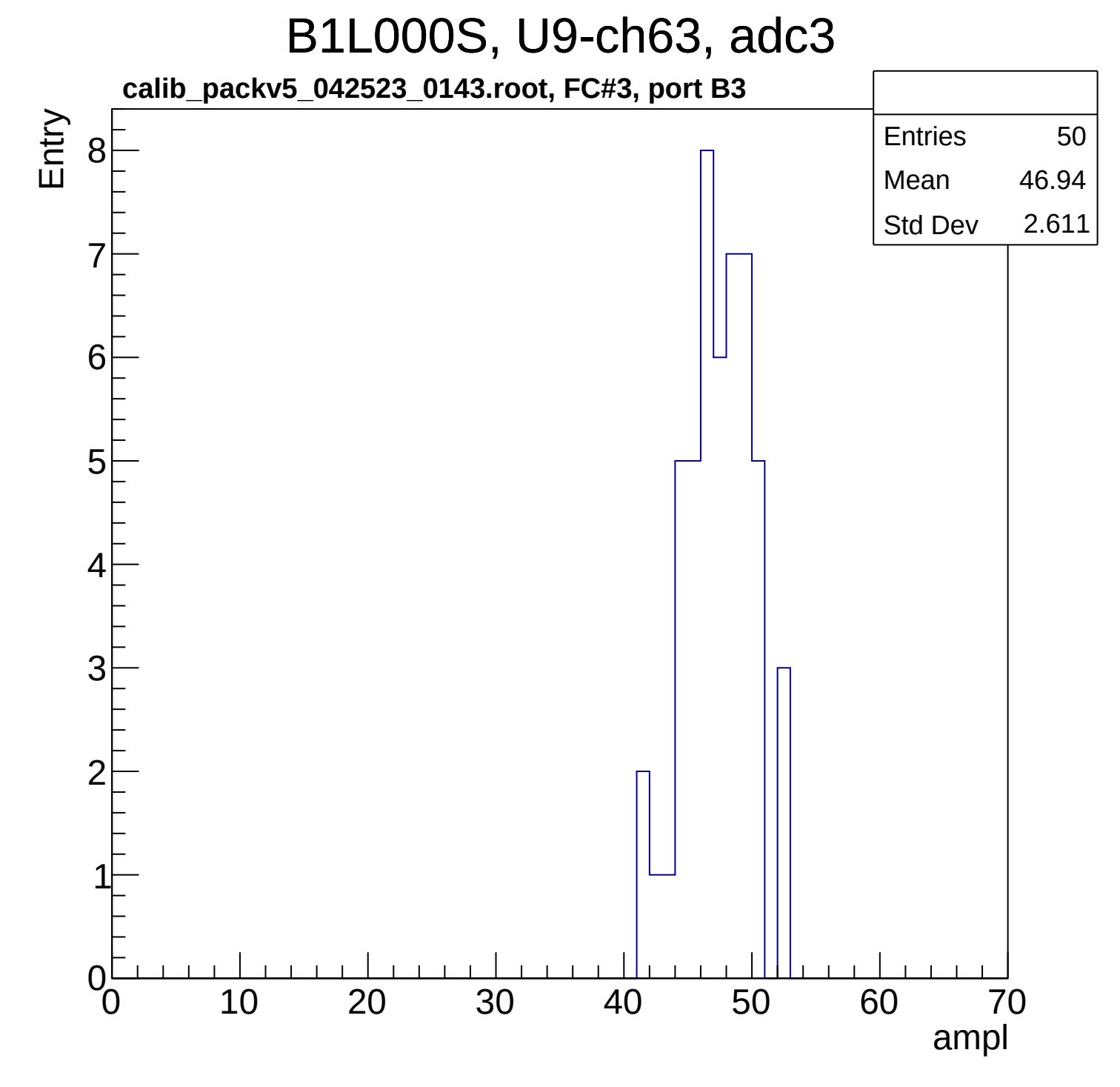
B1L000S, U9-ch63, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 46.94
Std Dev 2.611
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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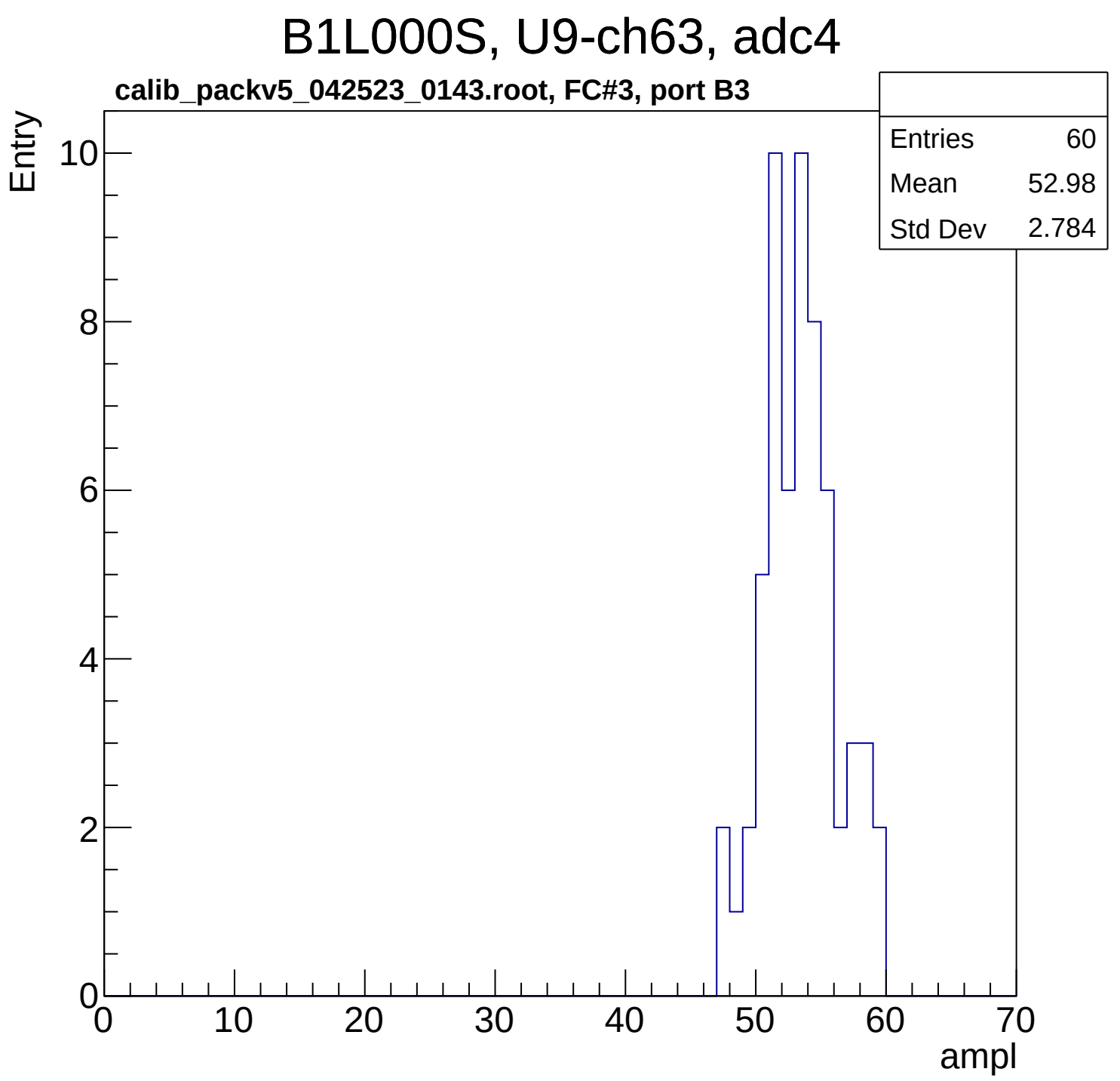
B1L000S, U9-ch63, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 52.98
Std Dev 2.784
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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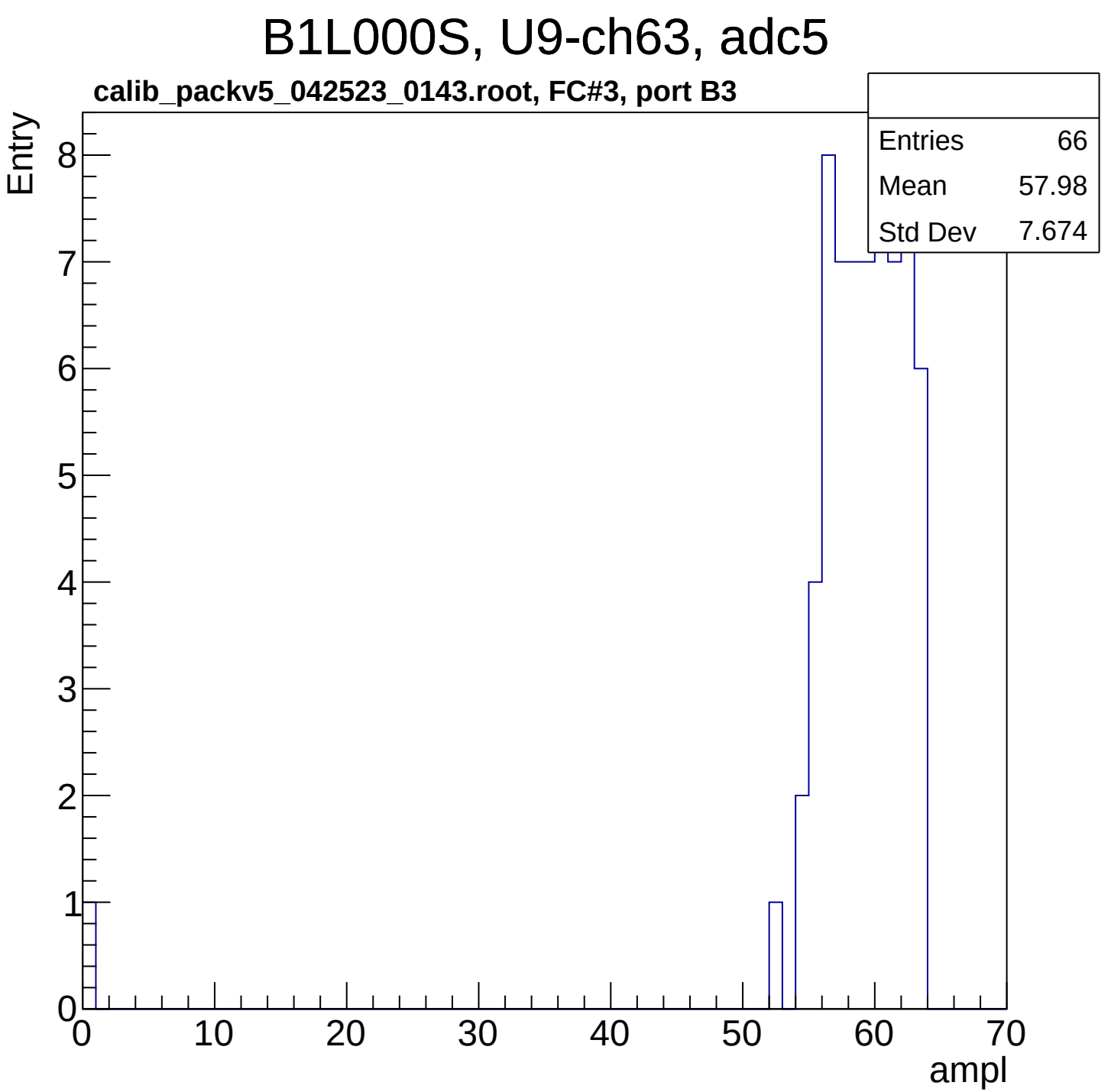
B1L000S, U9-ch63, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 57.98
Std Dev 7.674
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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60
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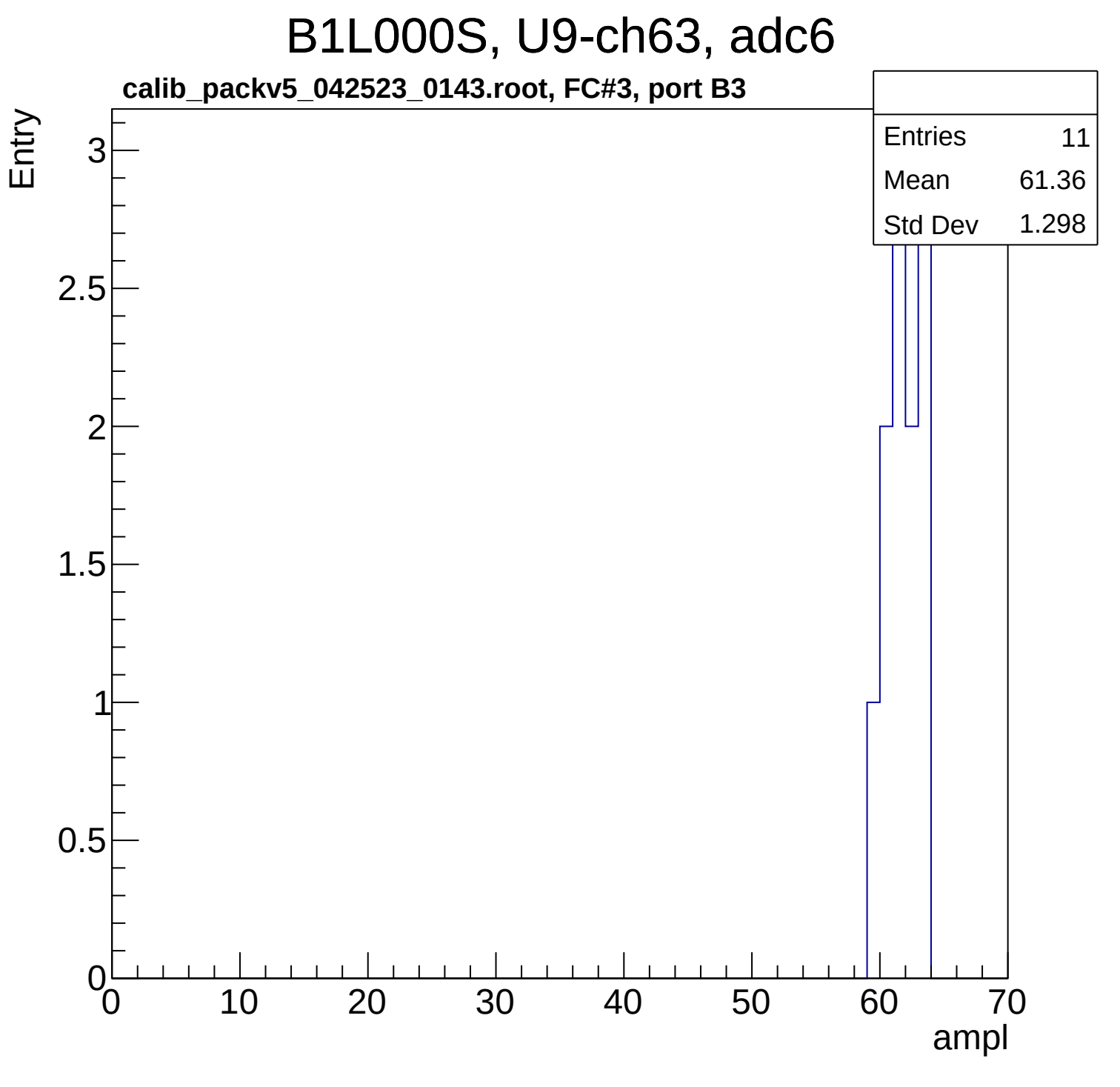
B1L000S, U9-ch63, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.36
Std Dev 1.298
Entry
ampl
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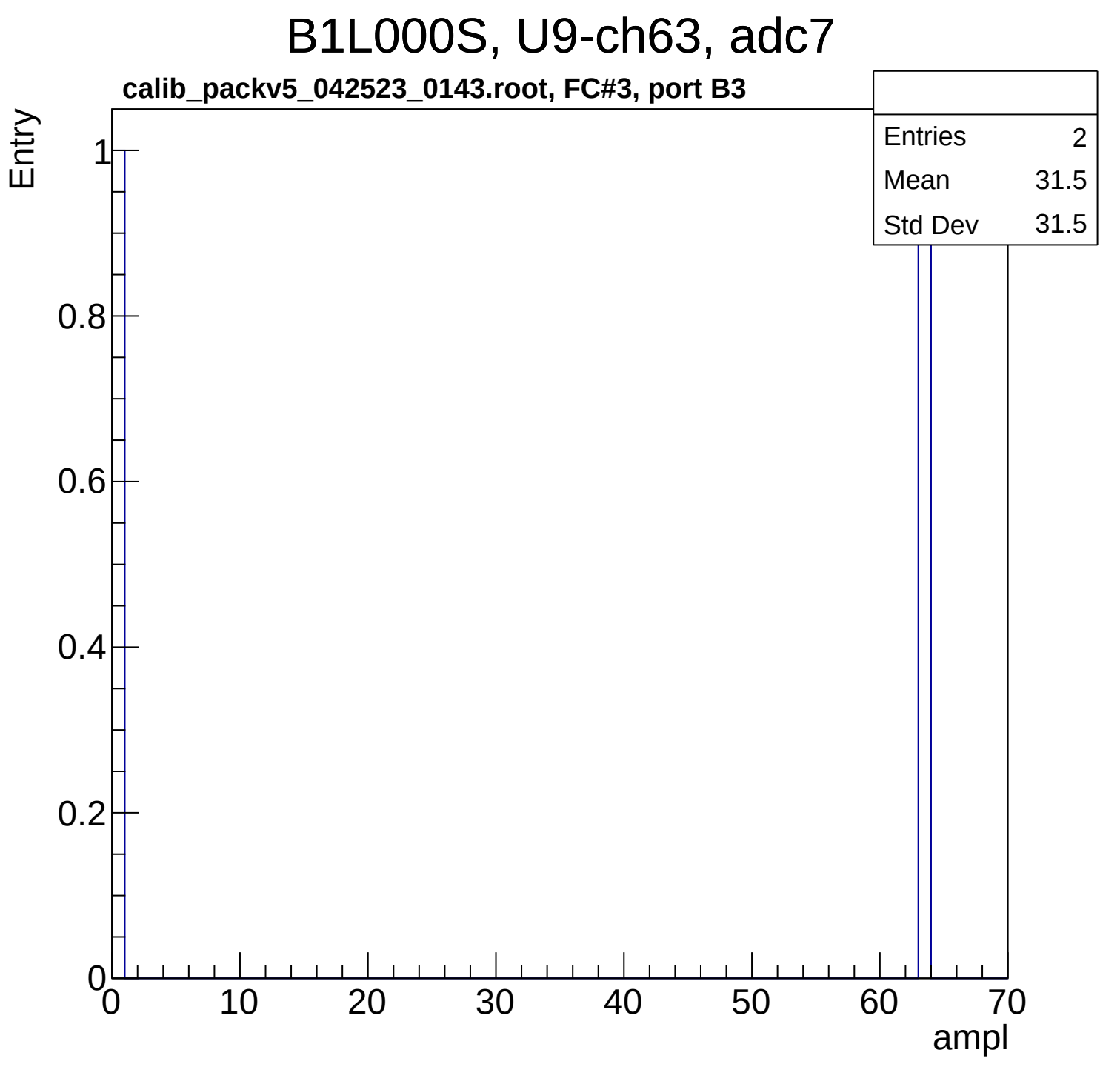
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch63, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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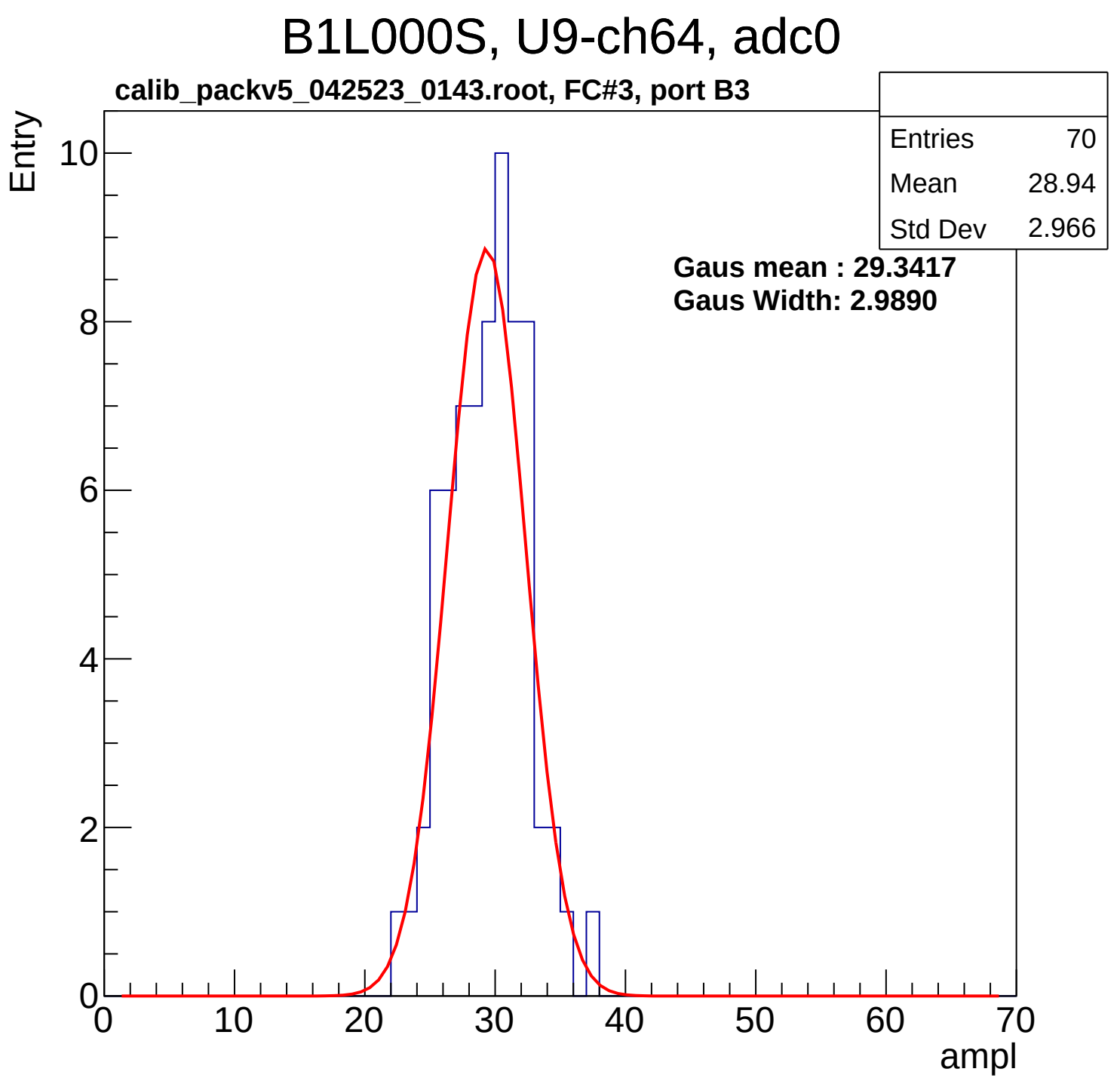
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch64, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.94
Std Dev 2.966
Gaus mean : 29.3417
Gaus Width: 2.9890
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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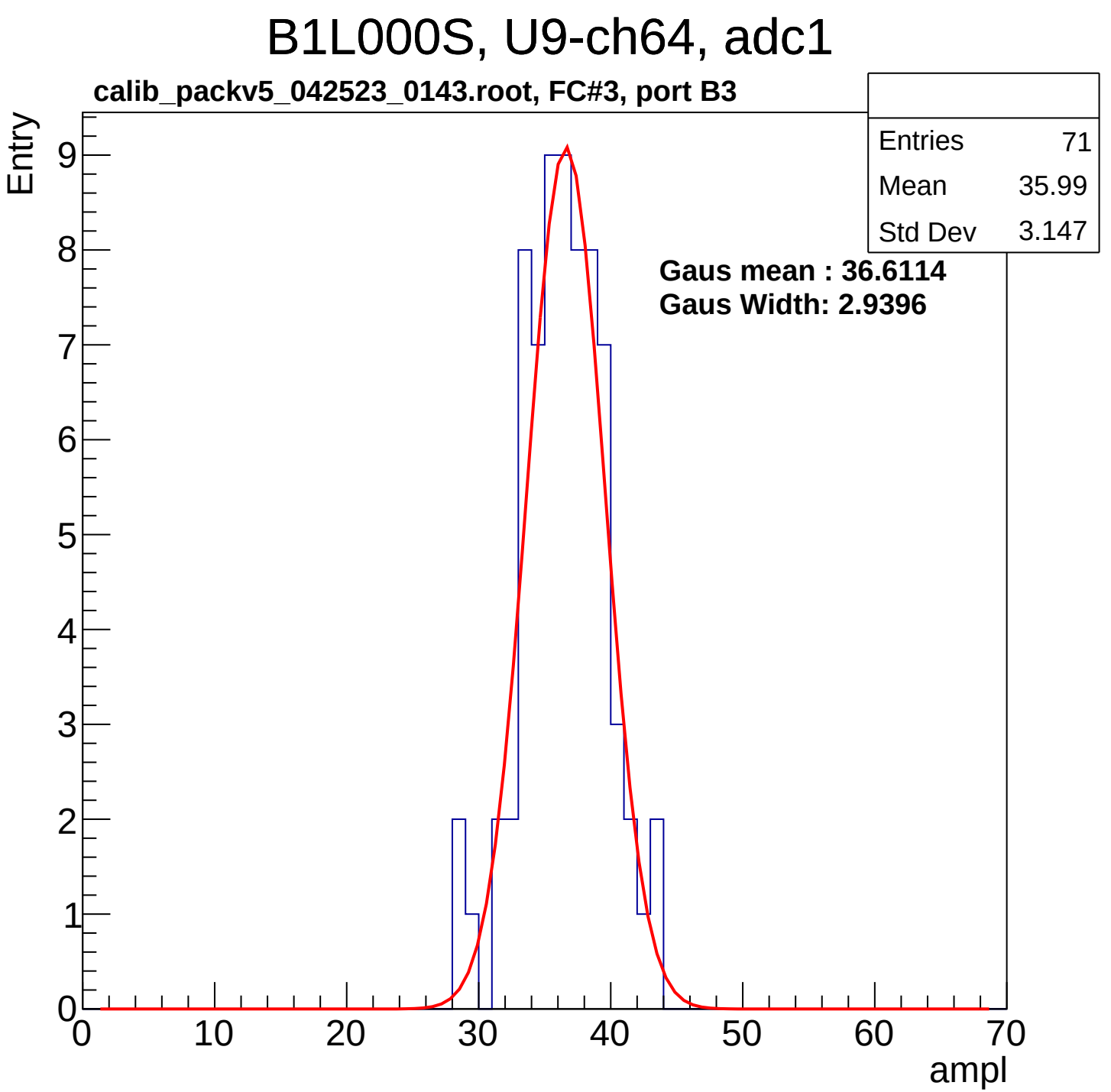
B1L000S, U9-ch64, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.99
Std Dev 3.147
Gaus mean : 36.6114
Gaus Width: 2.9396
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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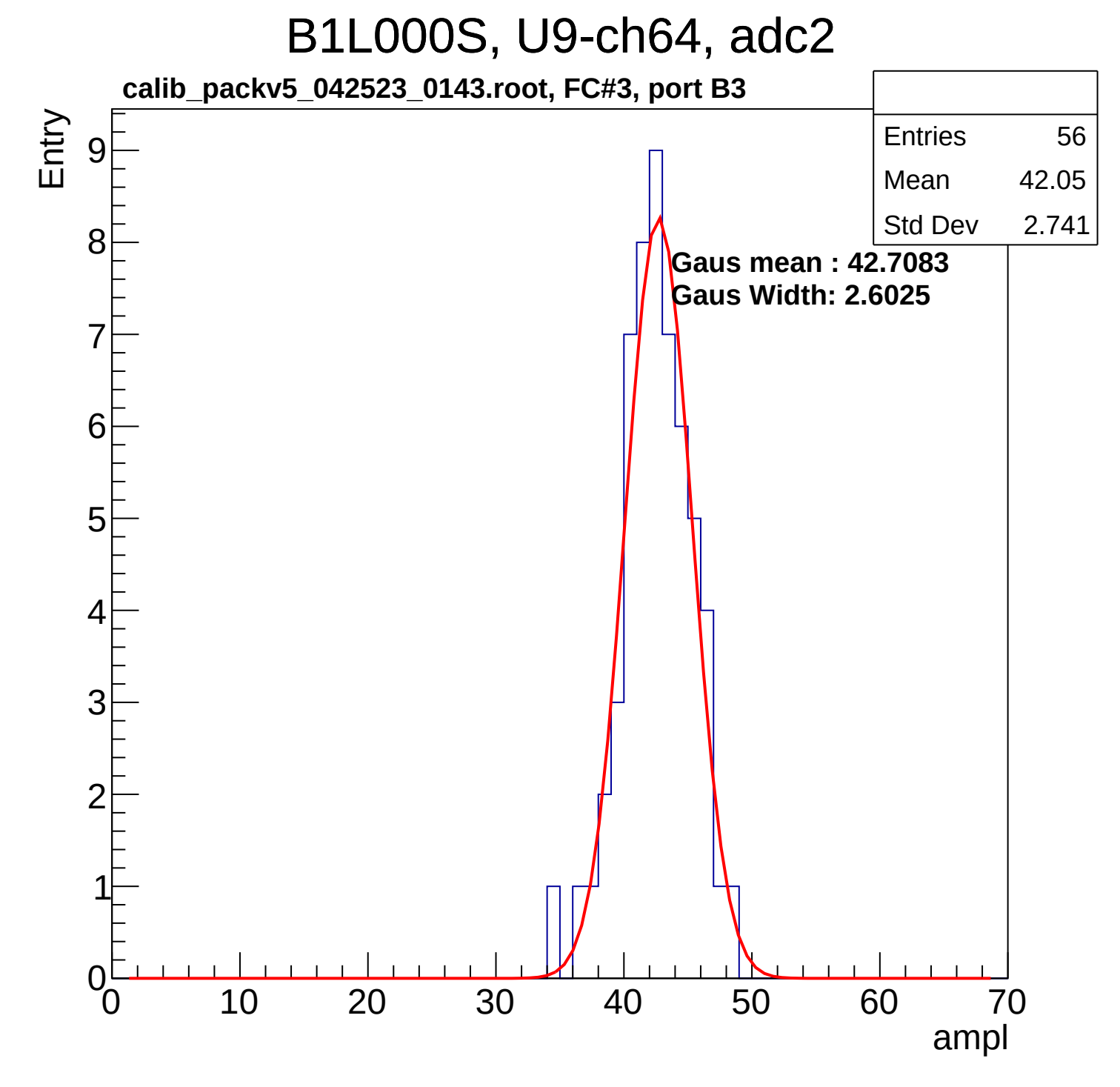
B1L000S, U9-ch64, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.05
Std Dev 2.741
Gaus mean : 42.7083
Gaus Width: 2.6025
Entry
ampl
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3
4
5
6
7
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0
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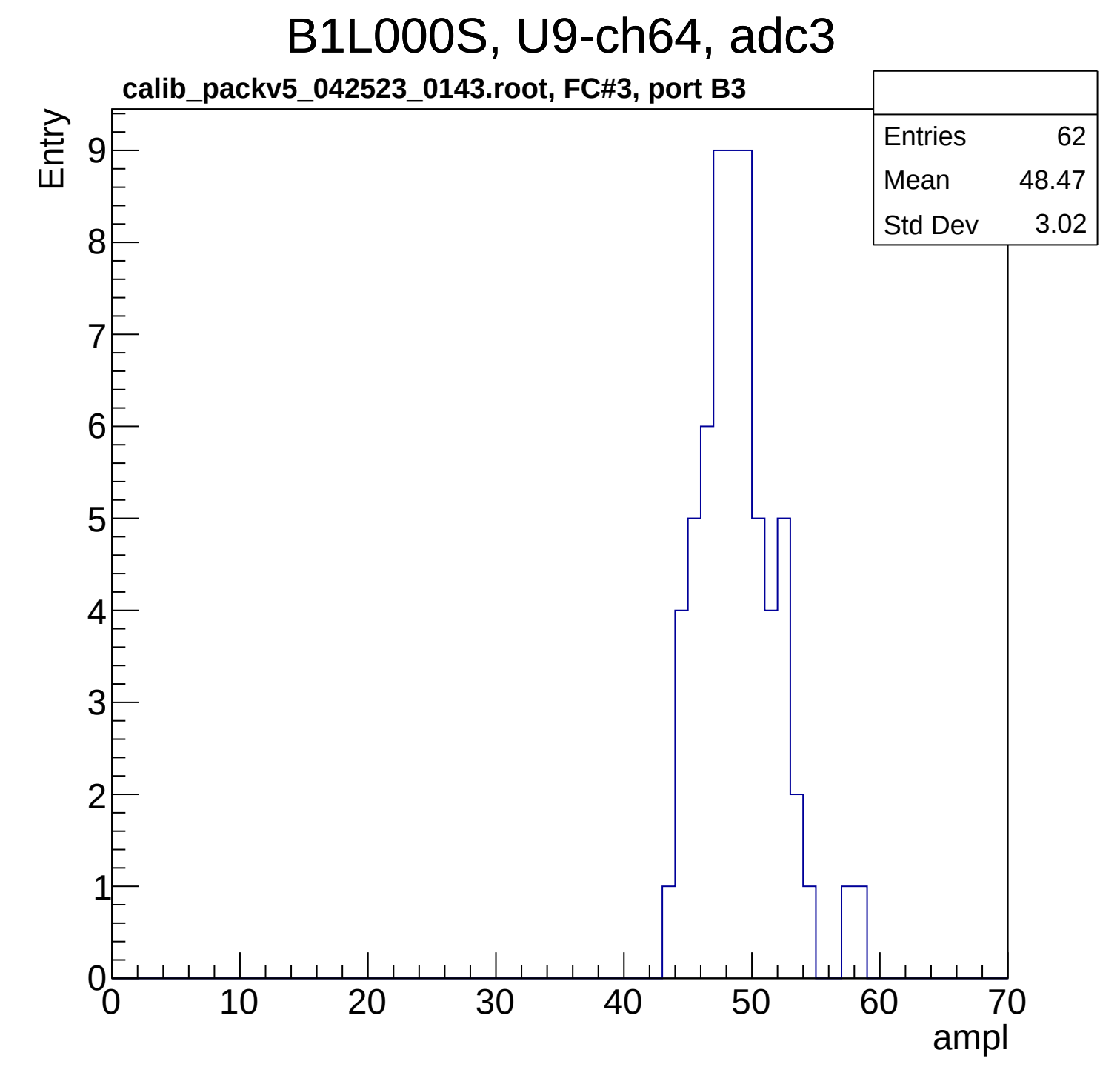
B1L000S, U9-ch64, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.47
Std Dev 3.02
Entry
ampl
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60
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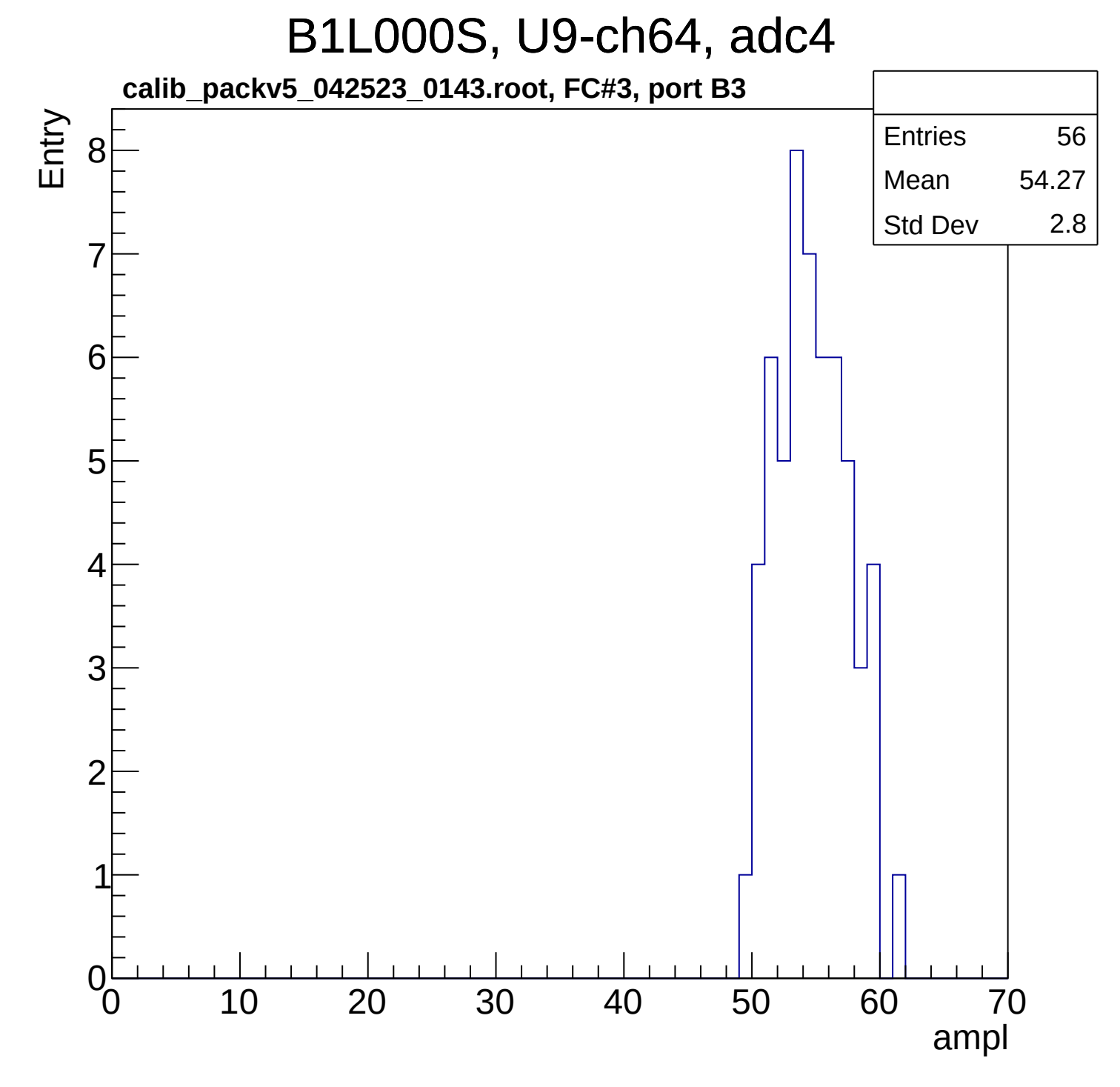
B1L000S, U9-ch64, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.27
Std Dev 2.8
Entry
ampl
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40
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60
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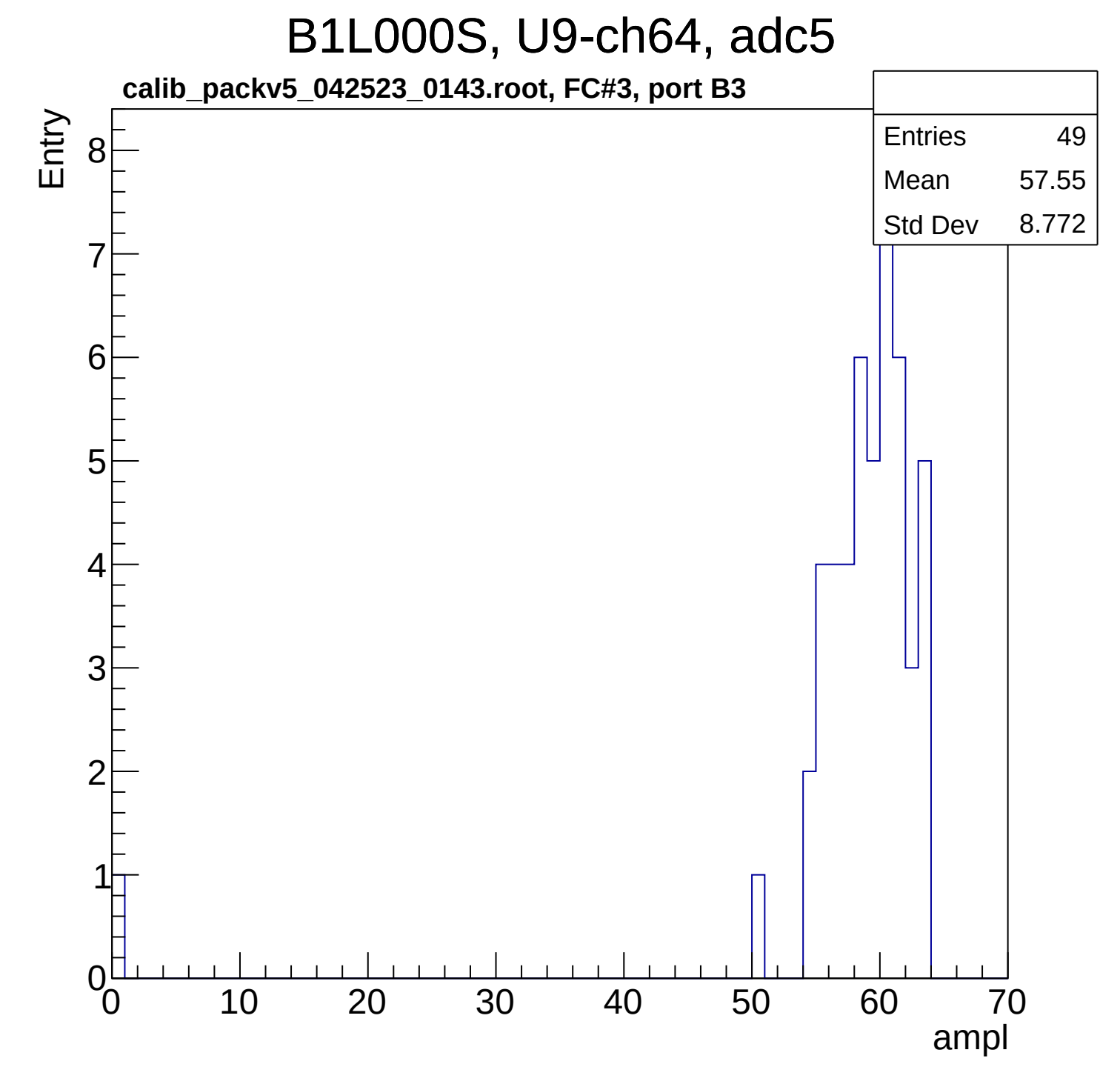
B1L000S, U9-ch64, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 57.55
Std Dev 8.772
Entry
ampl
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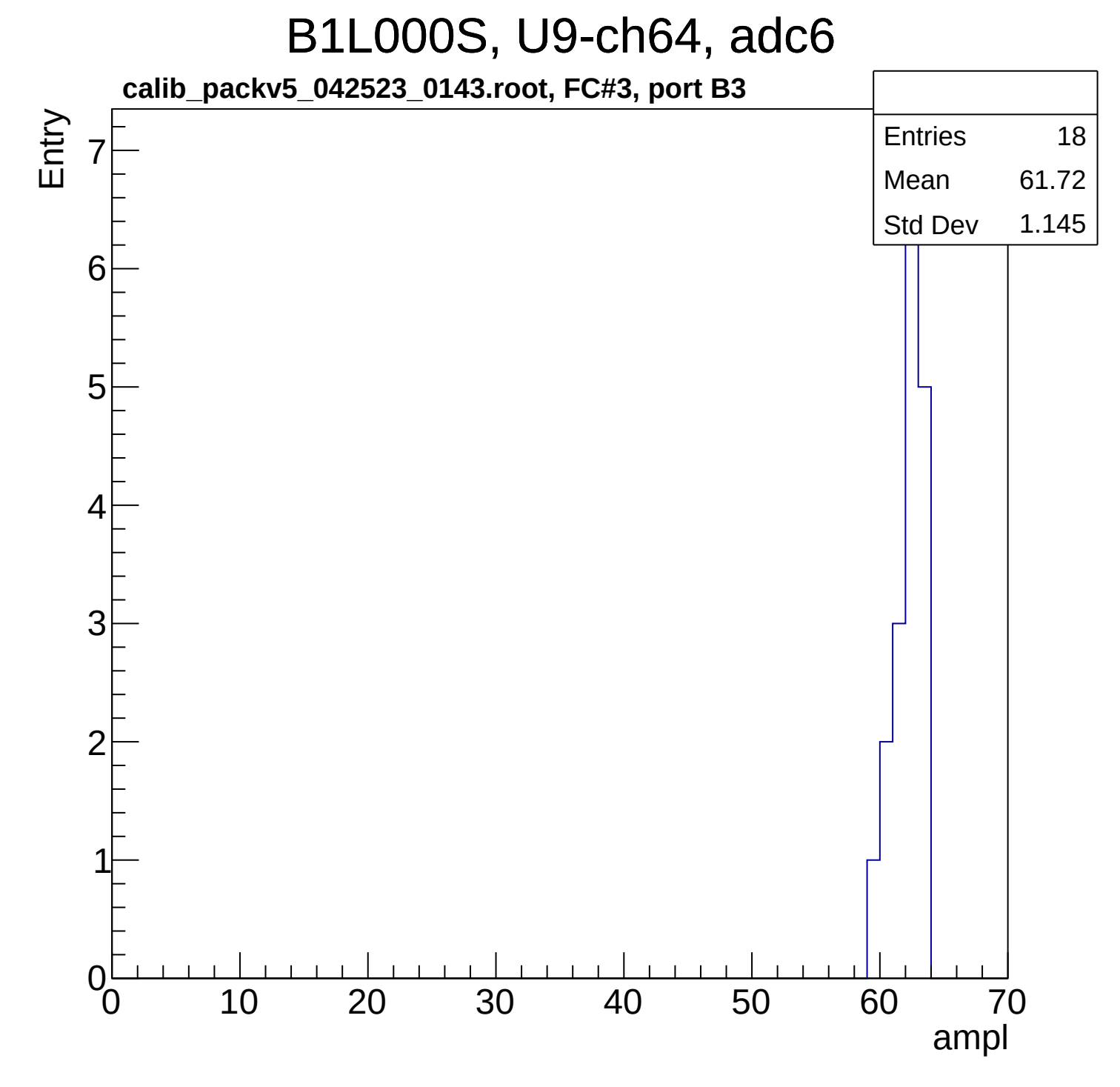
B1L000S, U9-ch64, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.72
Std Dev 1.145
Entry
ampl
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6
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40
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60
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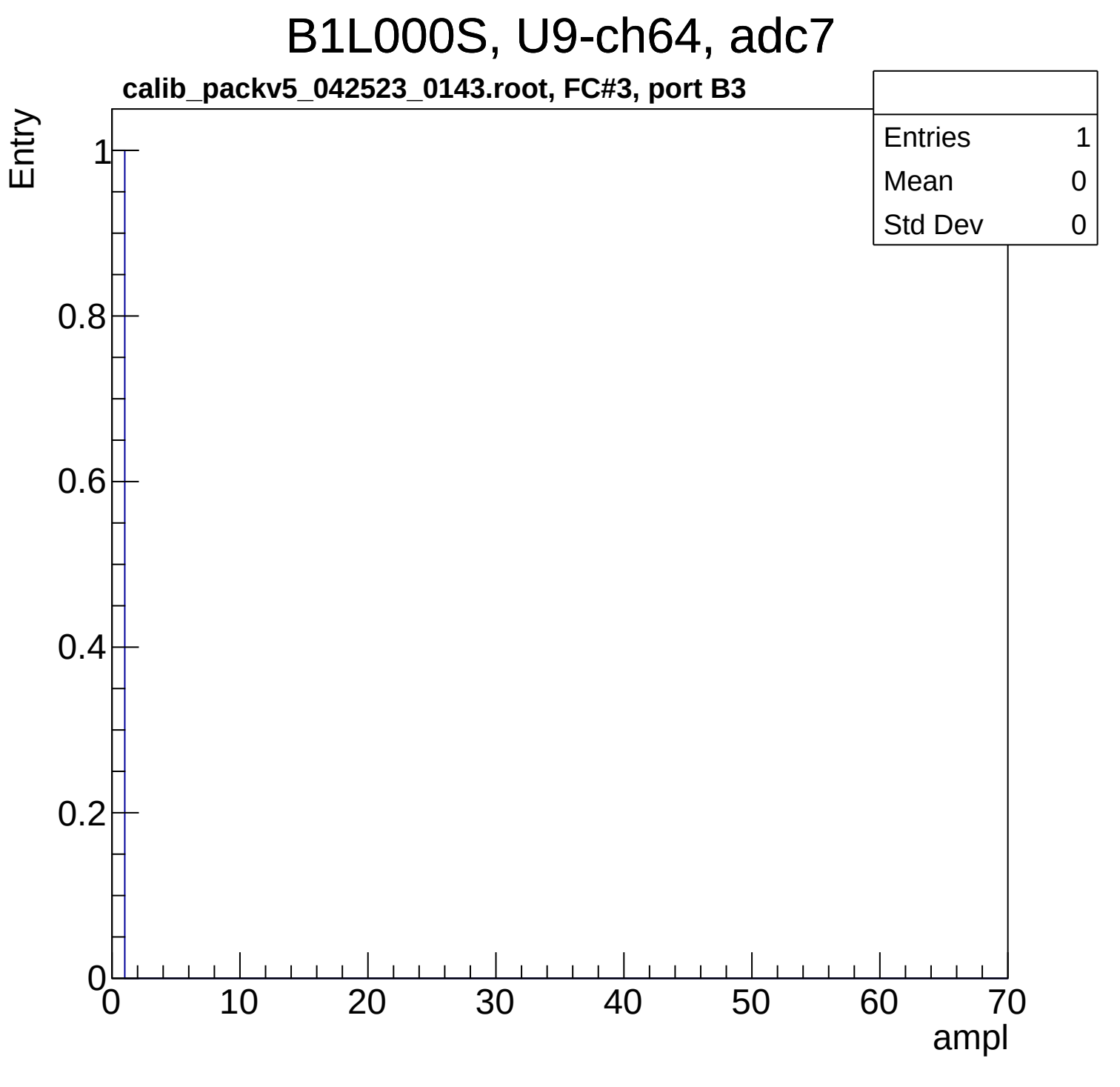
B1L000S, U9-ch64, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
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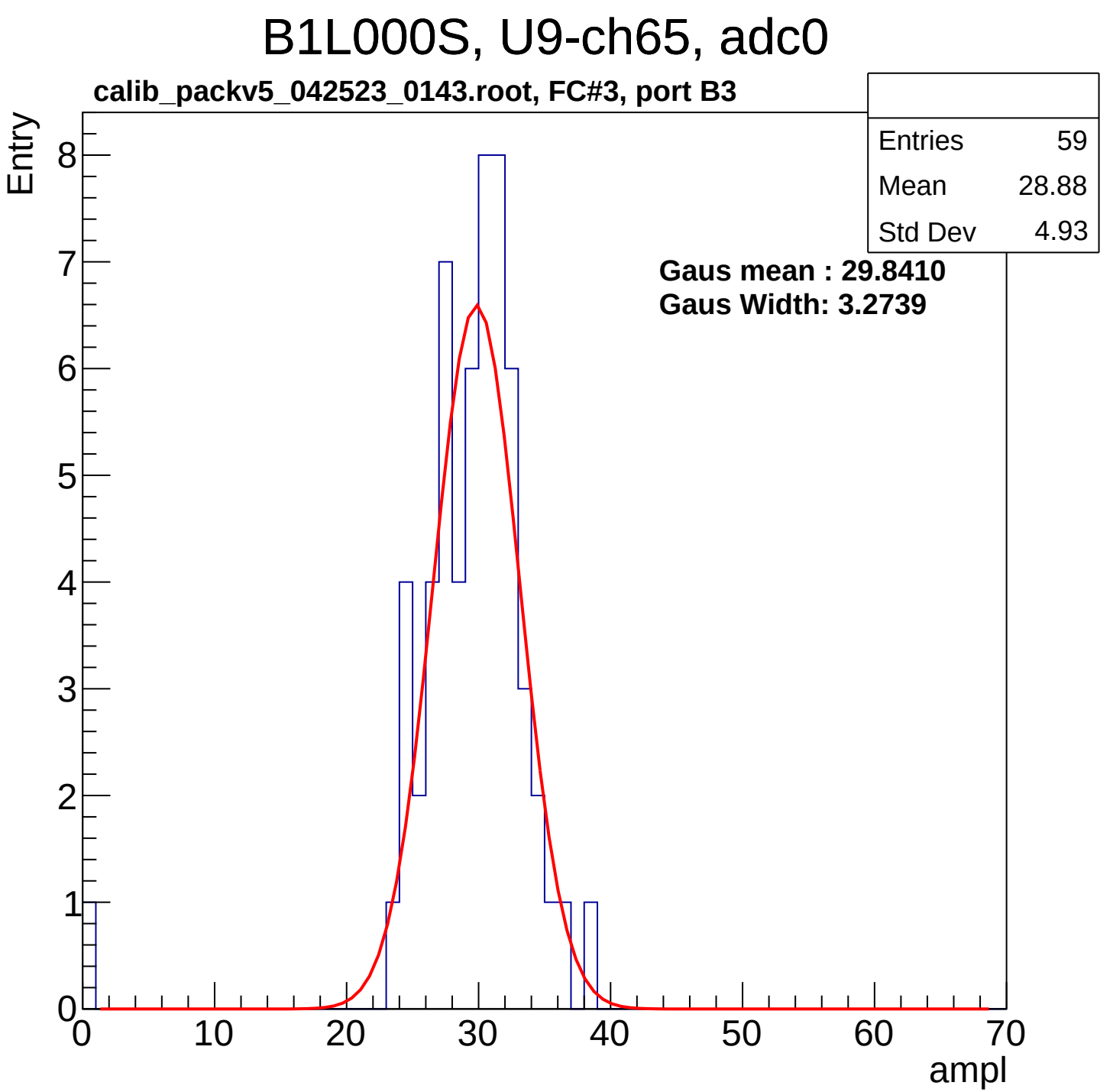
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch65, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.88
Std Dev 4.93
Gaus mean : 29.8410
Gaus Width: 3.2739
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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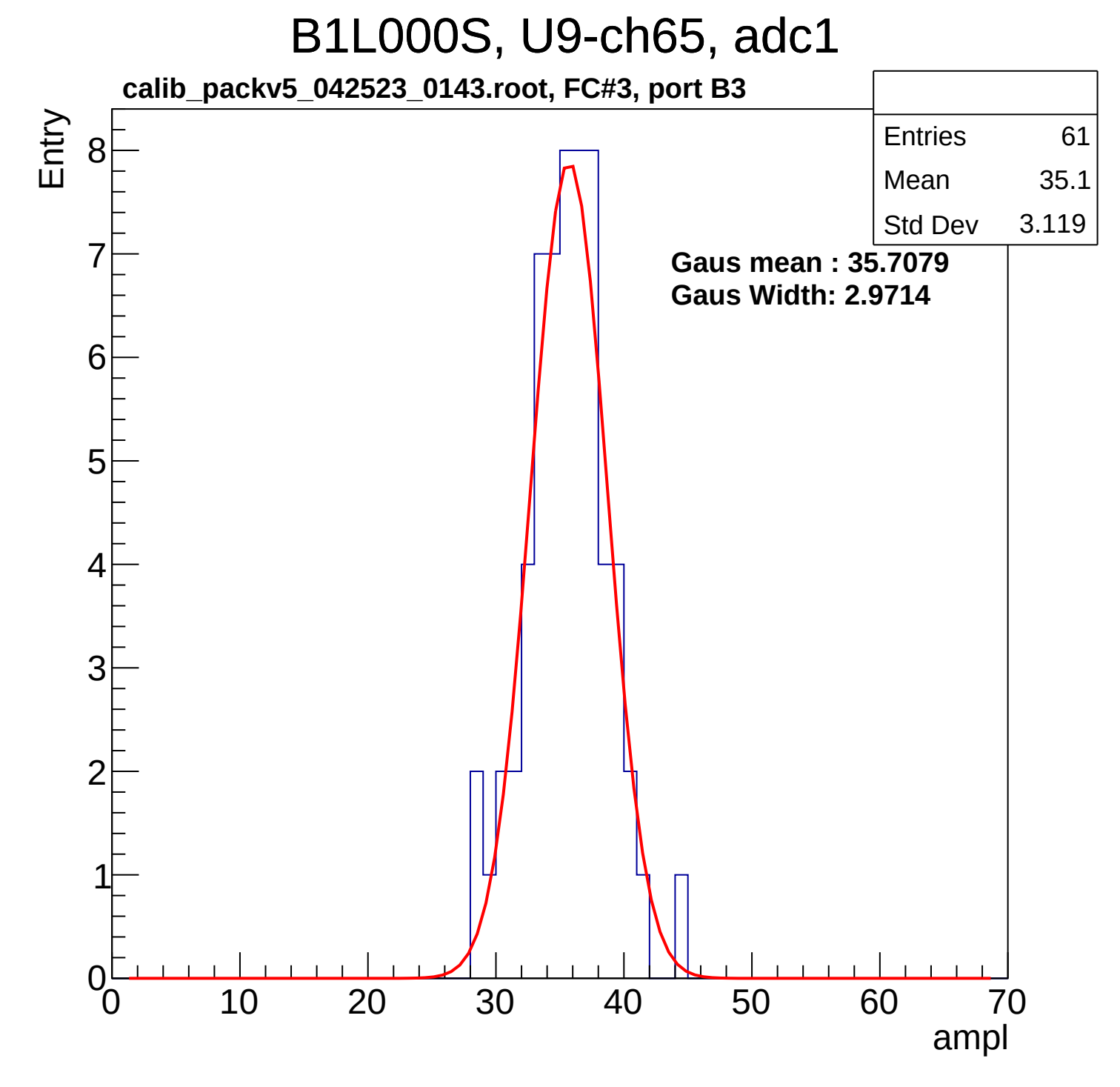
B1L000S, U9-ch65, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.1
Std Dev 3.119
Gaus mean : 35.7079
Gaus Width: 2.9714
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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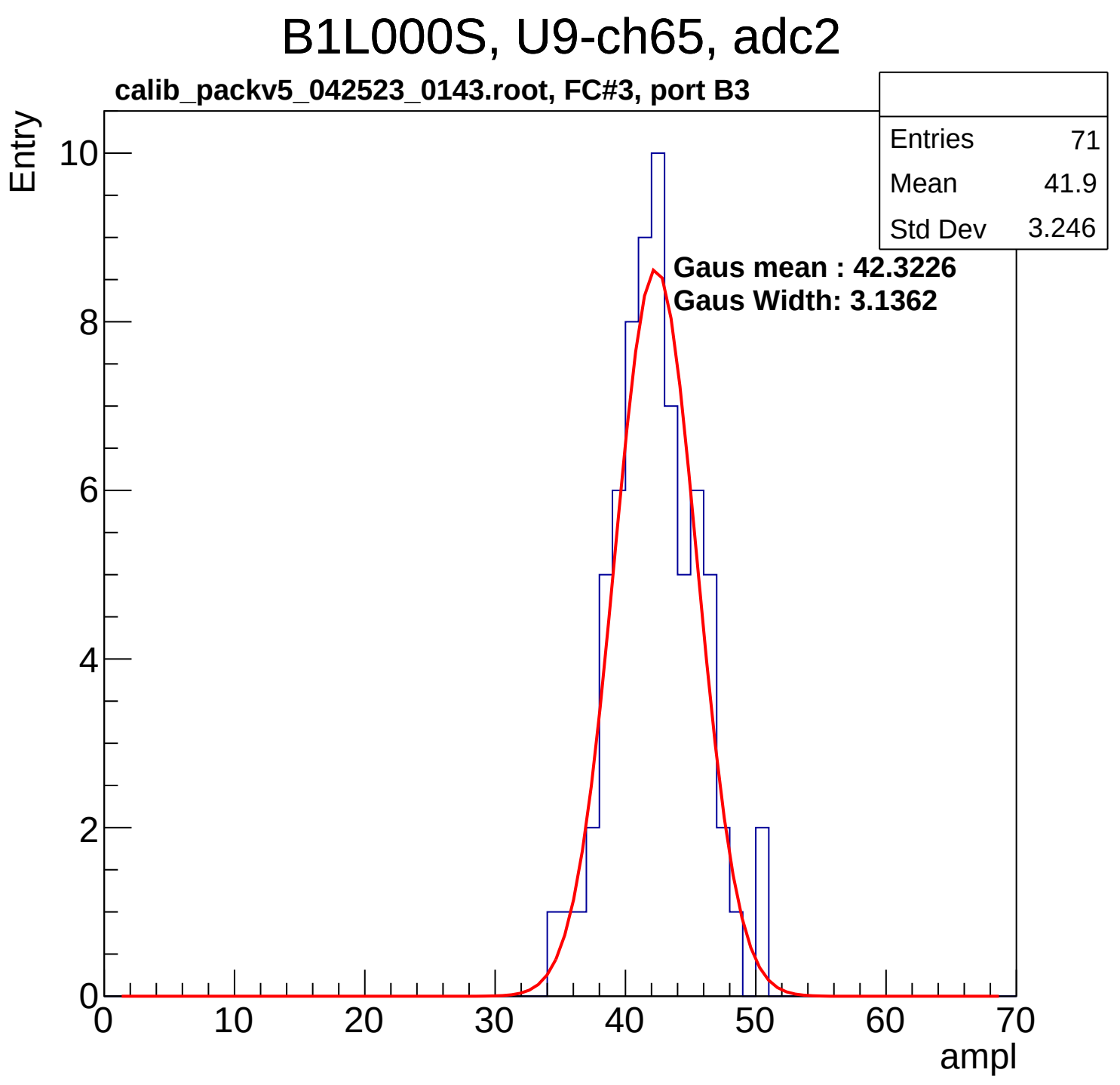
B1L000S, U9-ch65, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 41.9
Std Dev 3.246
Gaus mean : 42.3226
Gaus Width: 3.1362
Entry
ampl
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4
6
8
10
0
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20
30
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60
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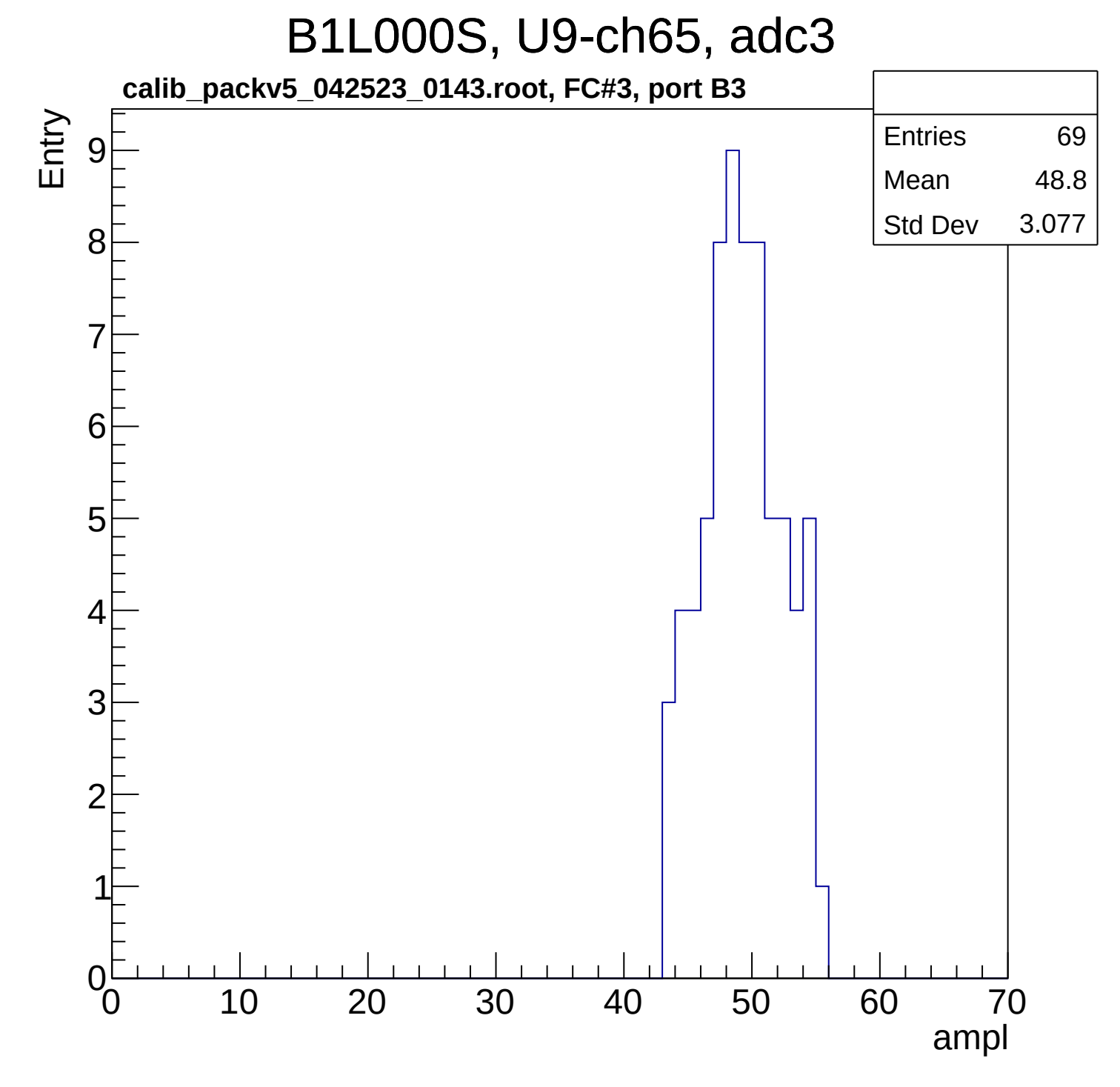
B1L000S, U9-ch65, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.8
Std Dev 3.077
Entry
ampl
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3
4
5
6
7
8
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0
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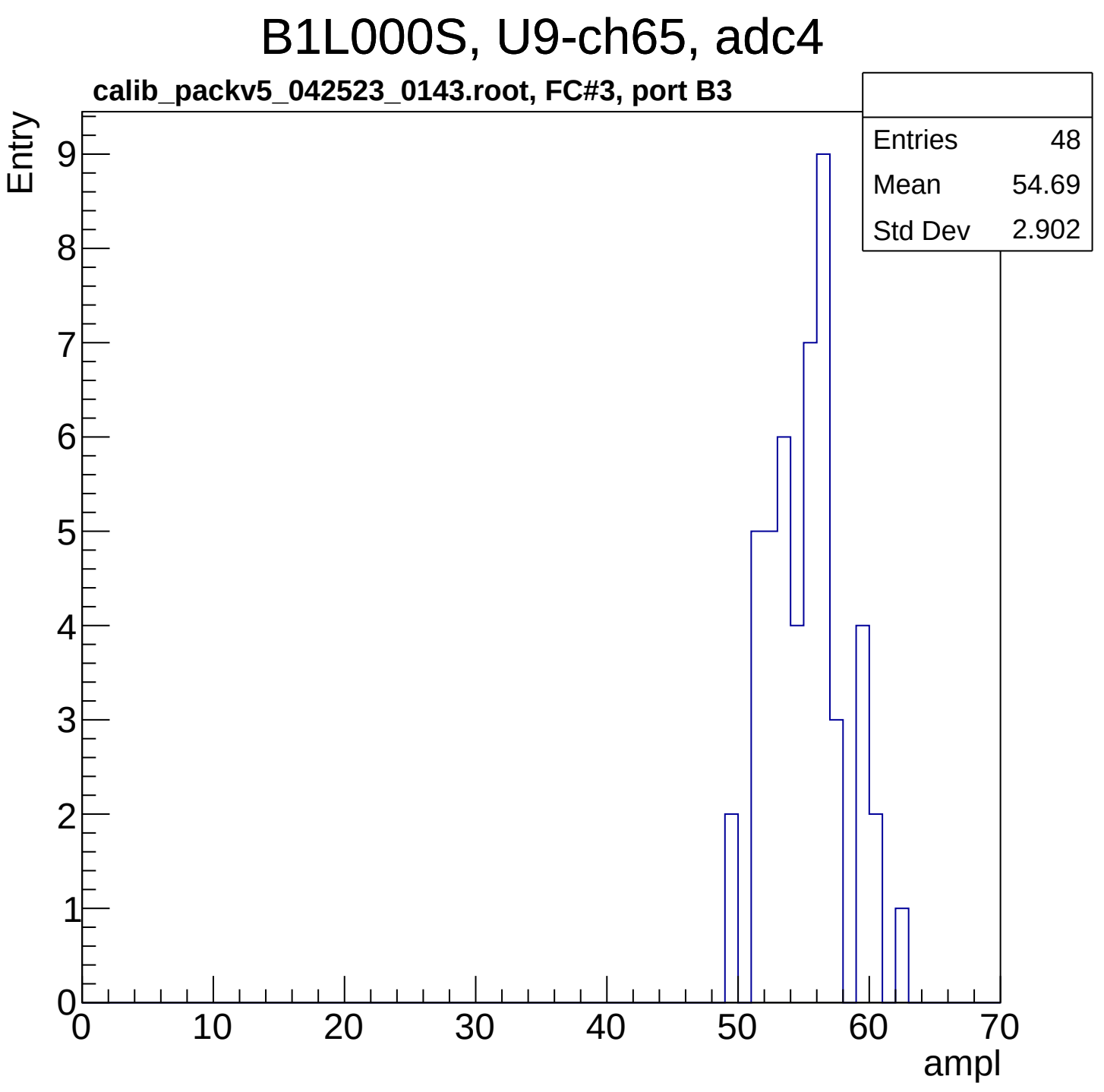
B1L000S, U9-ch65, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 54.69
Std Dev 2.902
Entry
ampl
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3
4
5
6
7
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0
10
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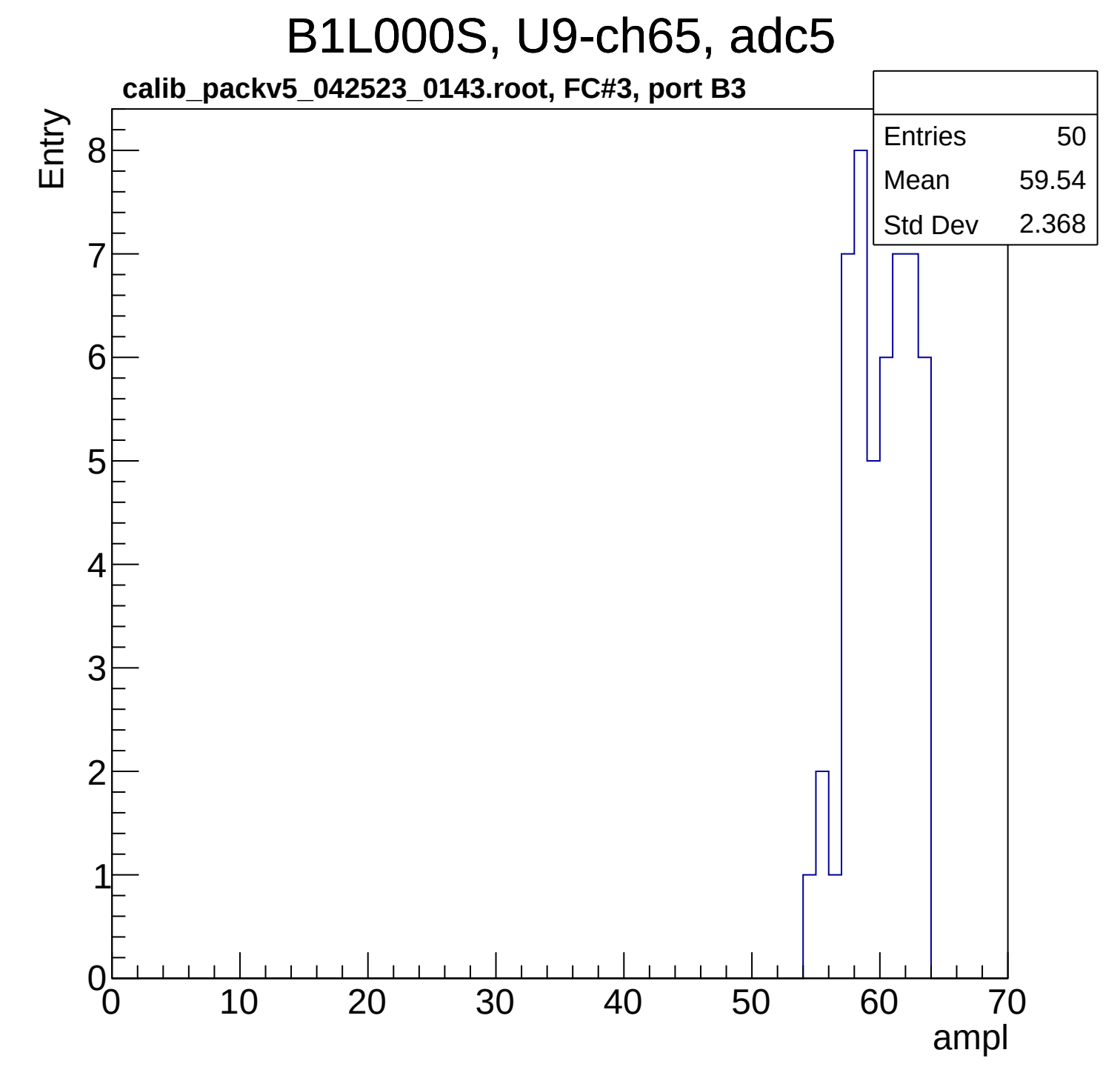
B1L000S, U9-ch65, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.54
Std Dev 2.368
Entry
ampl
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3
4
5
6
7
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0
10
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40
50
60
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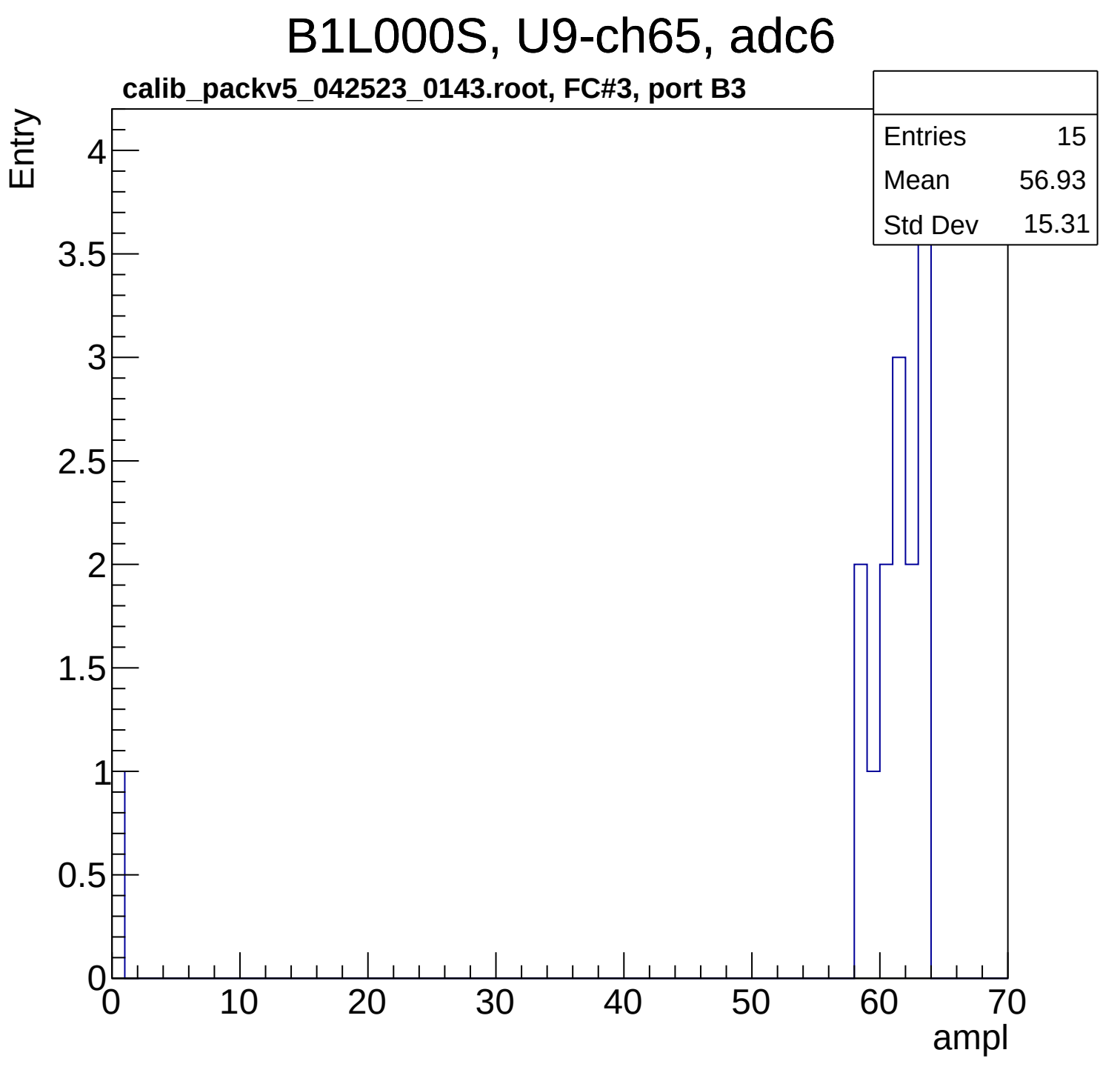
B1L000S, U9-ch65, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 56.93
Std Dev 15.31
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
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0
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60
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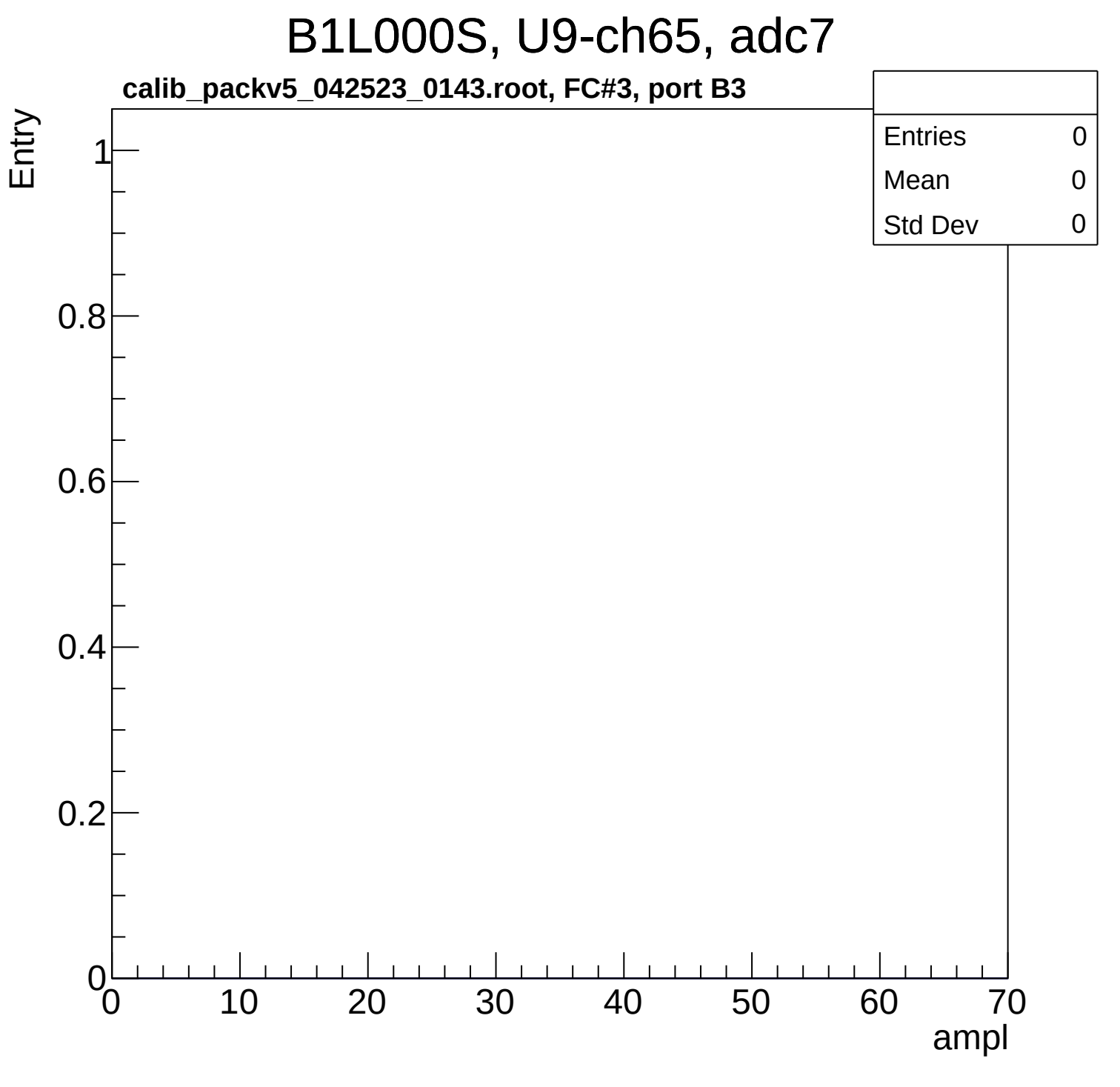
B1L000S, U9-ch65, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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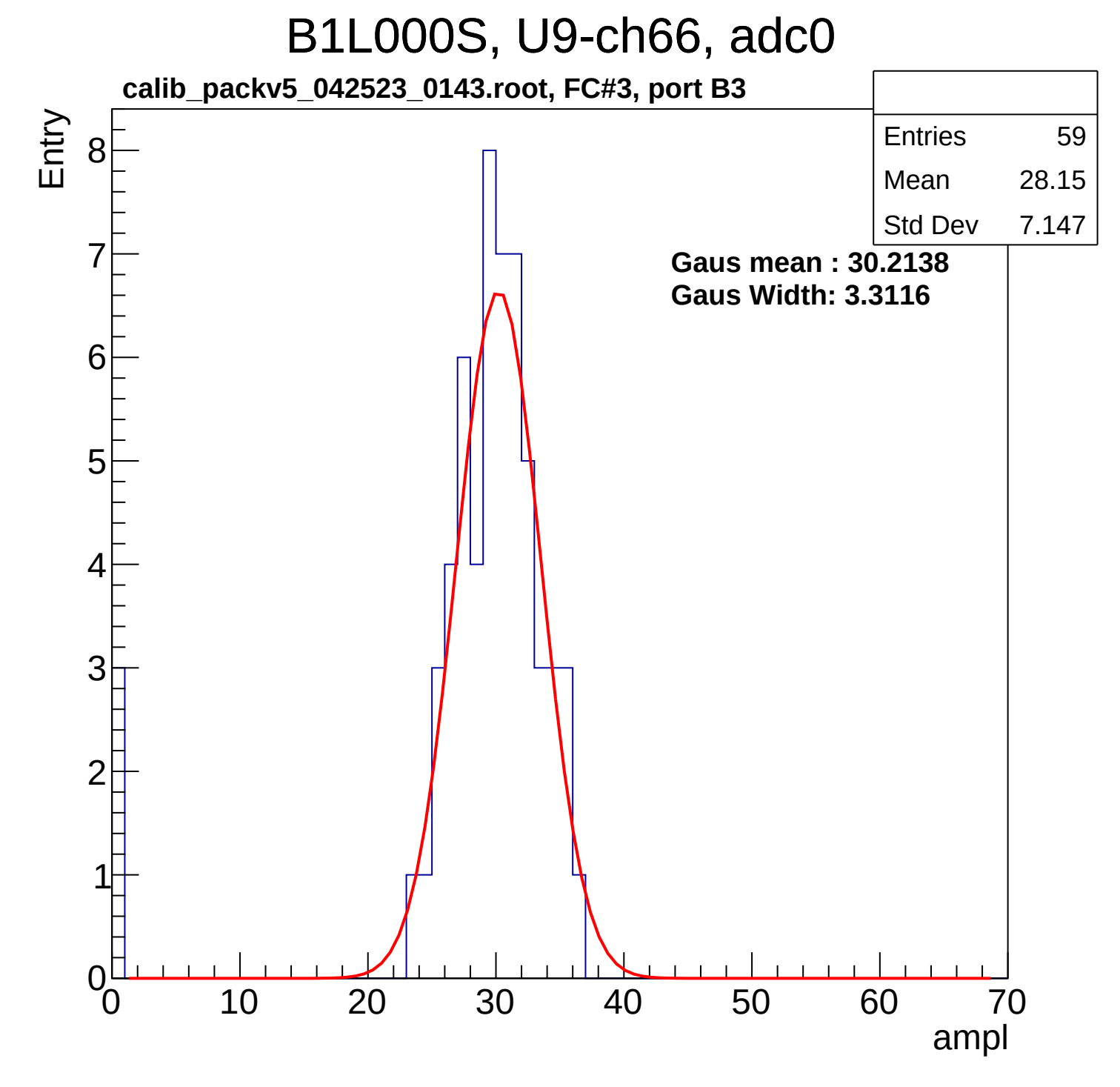
50
60
70
ampl


B1L000S, U9-ch66, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.15
Std Dev 7.147
Gaus mean : 30.2138
Gaus Width: 3.3116
Entry
ampl
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1
2
3
4
5
6
7
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0
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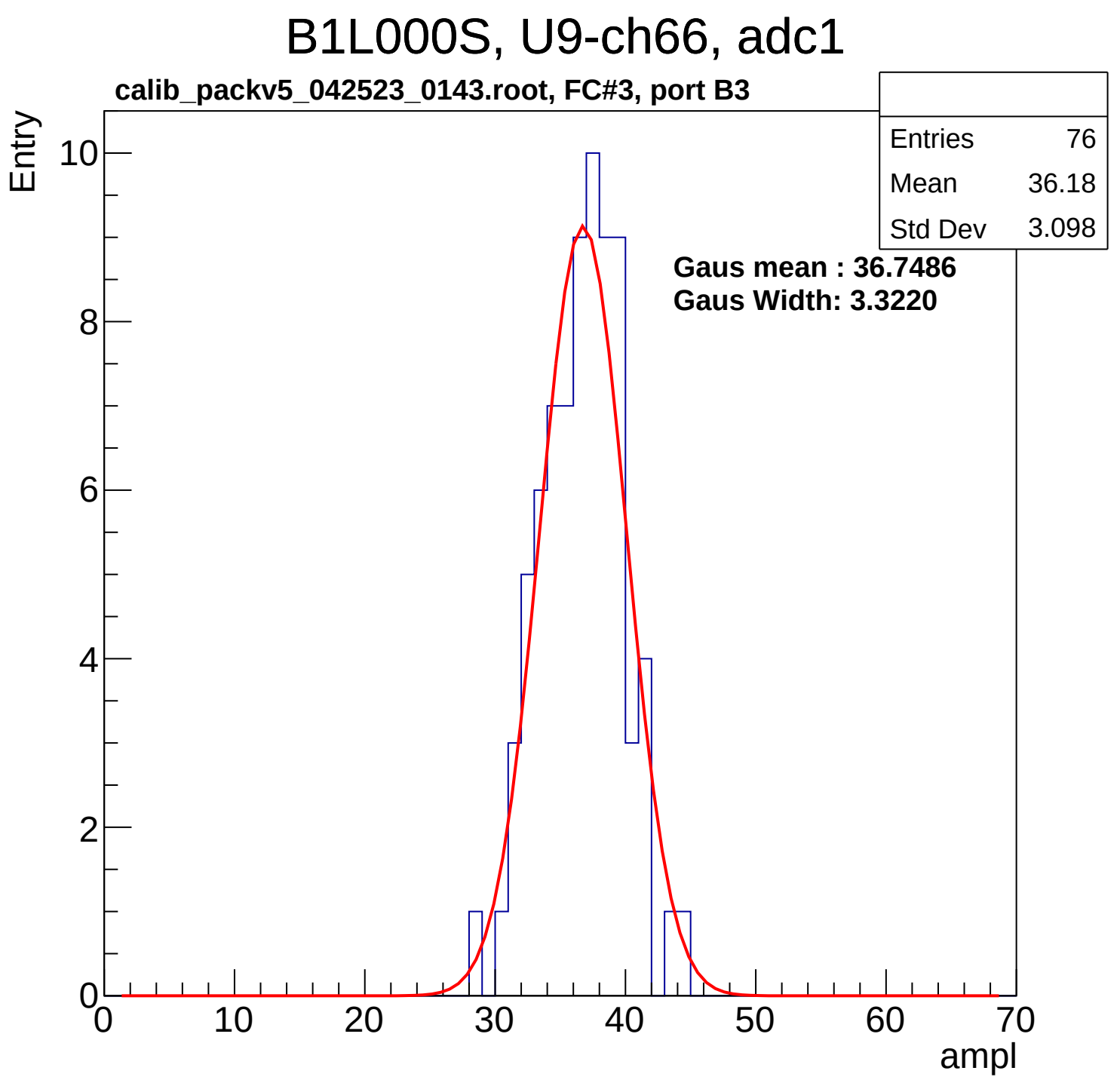
B1L000S, U9-ch66, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 36.18
Std Dev 3.098
Gaus mean : 36.7486
Gaus Width: 3.3220
Entry
ampl
0
2
4
6
8
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0
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40
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60
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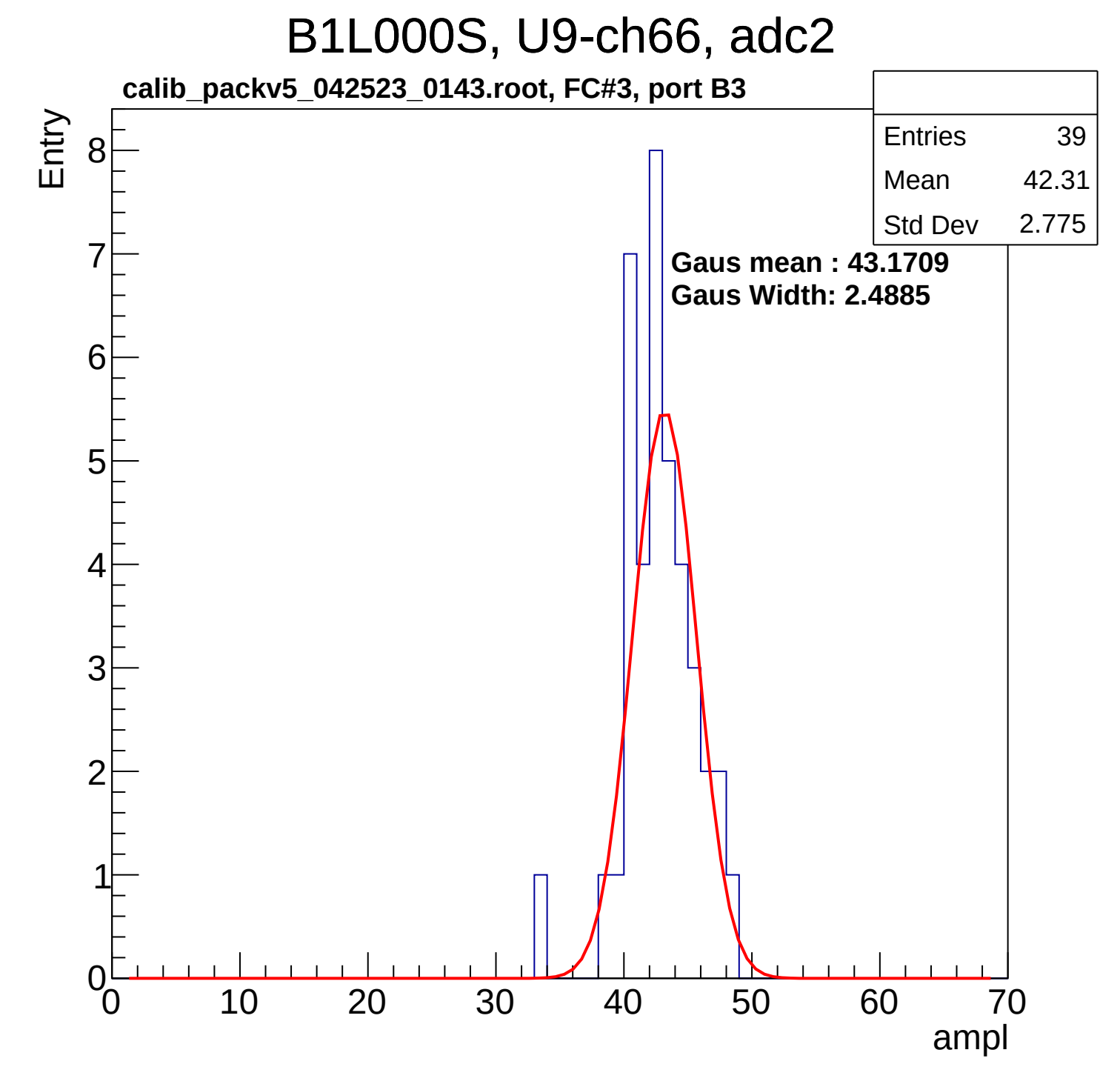
B1L000S, U9-ch66, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 42.31
Std Dev 2.775
Gaus mean : 43.1709
Gaus Width: 2.4885
Entry
ampl
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1
2
3
4
5
6
7
8
0
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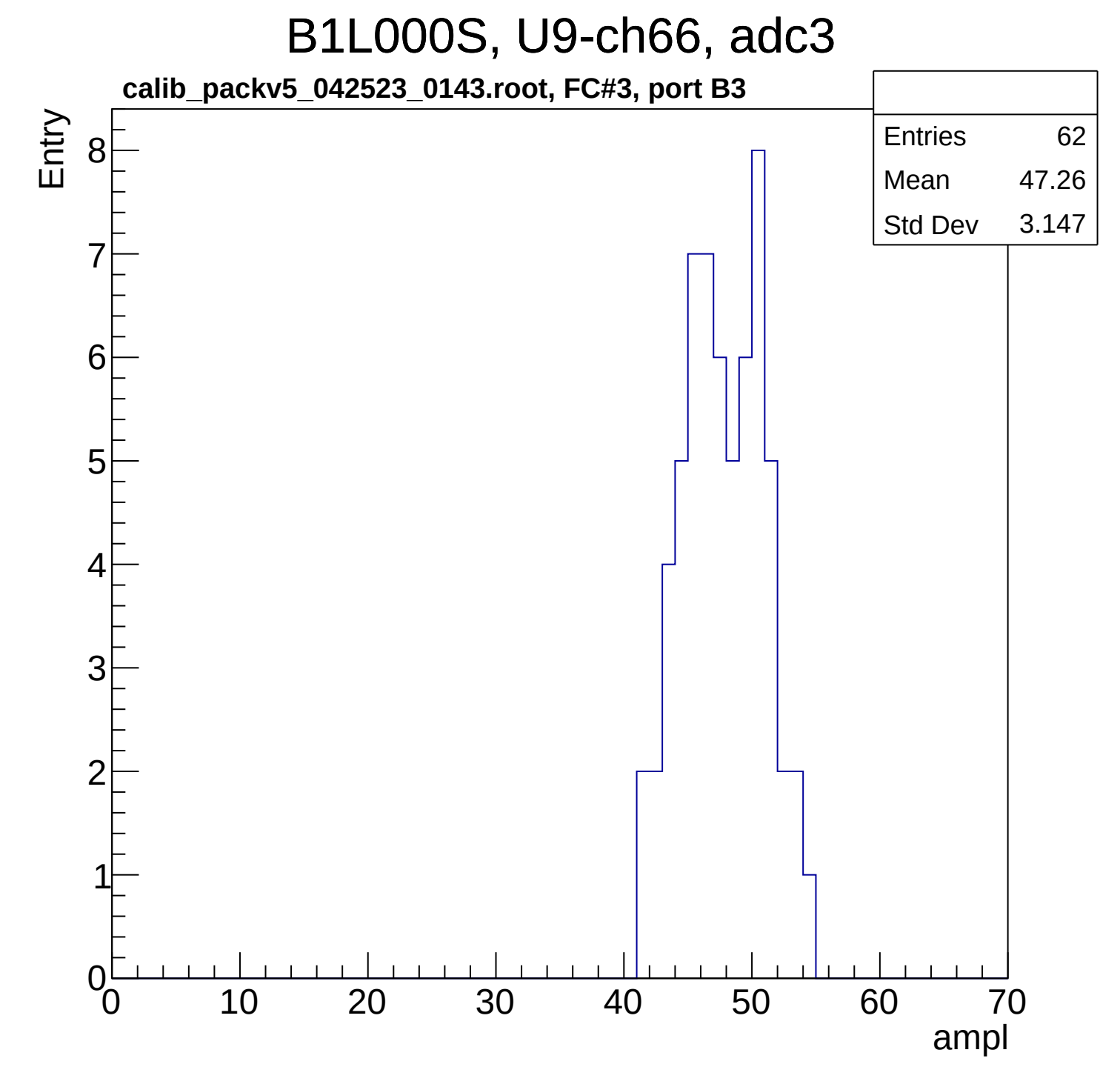
B1L000S, U9-ch66, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 47.26
Std Dev 3.147
Entry
ampl
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1
2
3
4
5
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7
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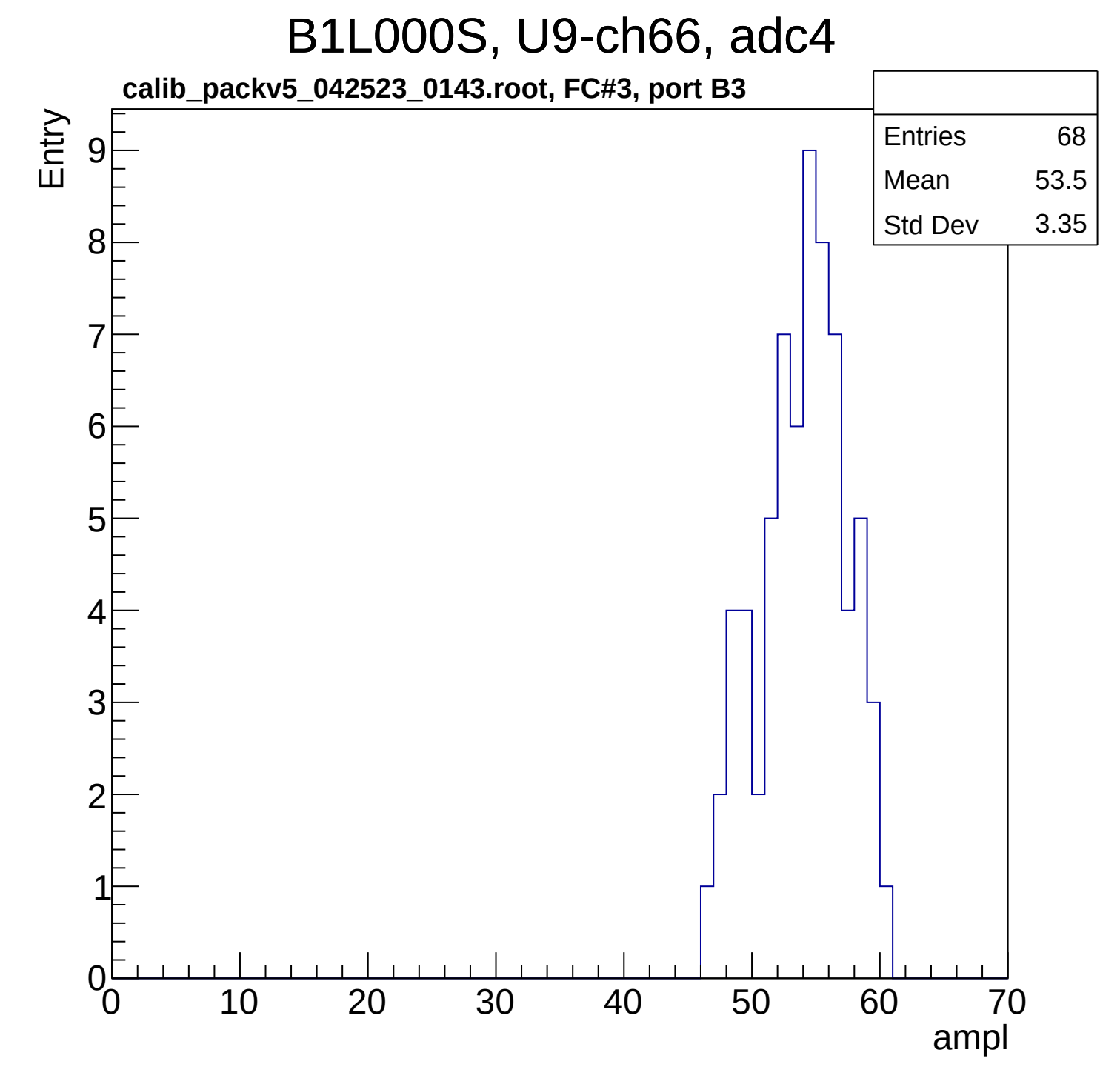
B1L000S, U9-ch66, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 53.5
Std Dev 3.35
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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60
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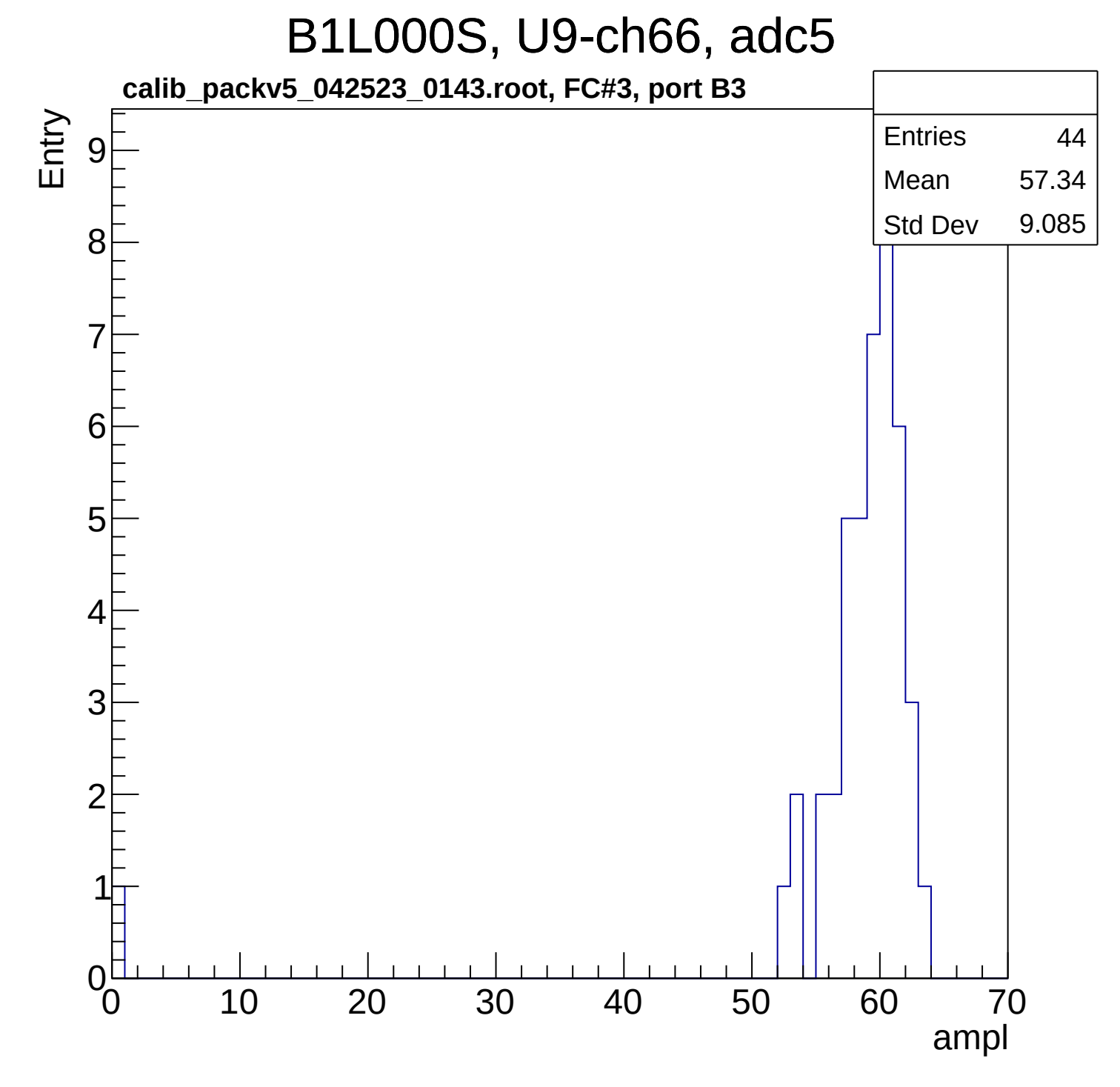
B1L000S, U9-ch66, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 57.34
Std Dev 9.085
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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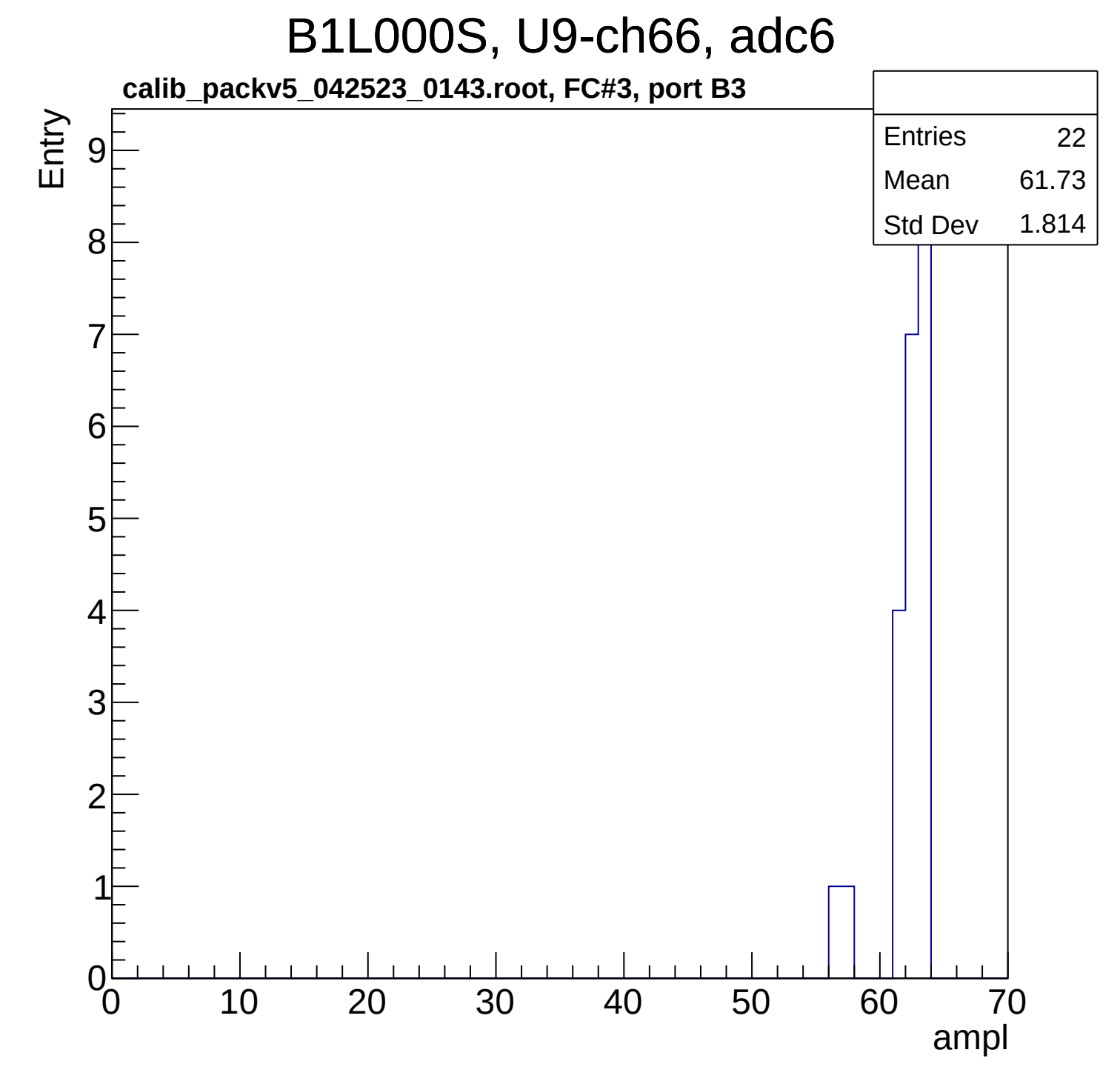
B1L000S, U9-ch66, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 61.73
Std Dev 1.814
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
50
60
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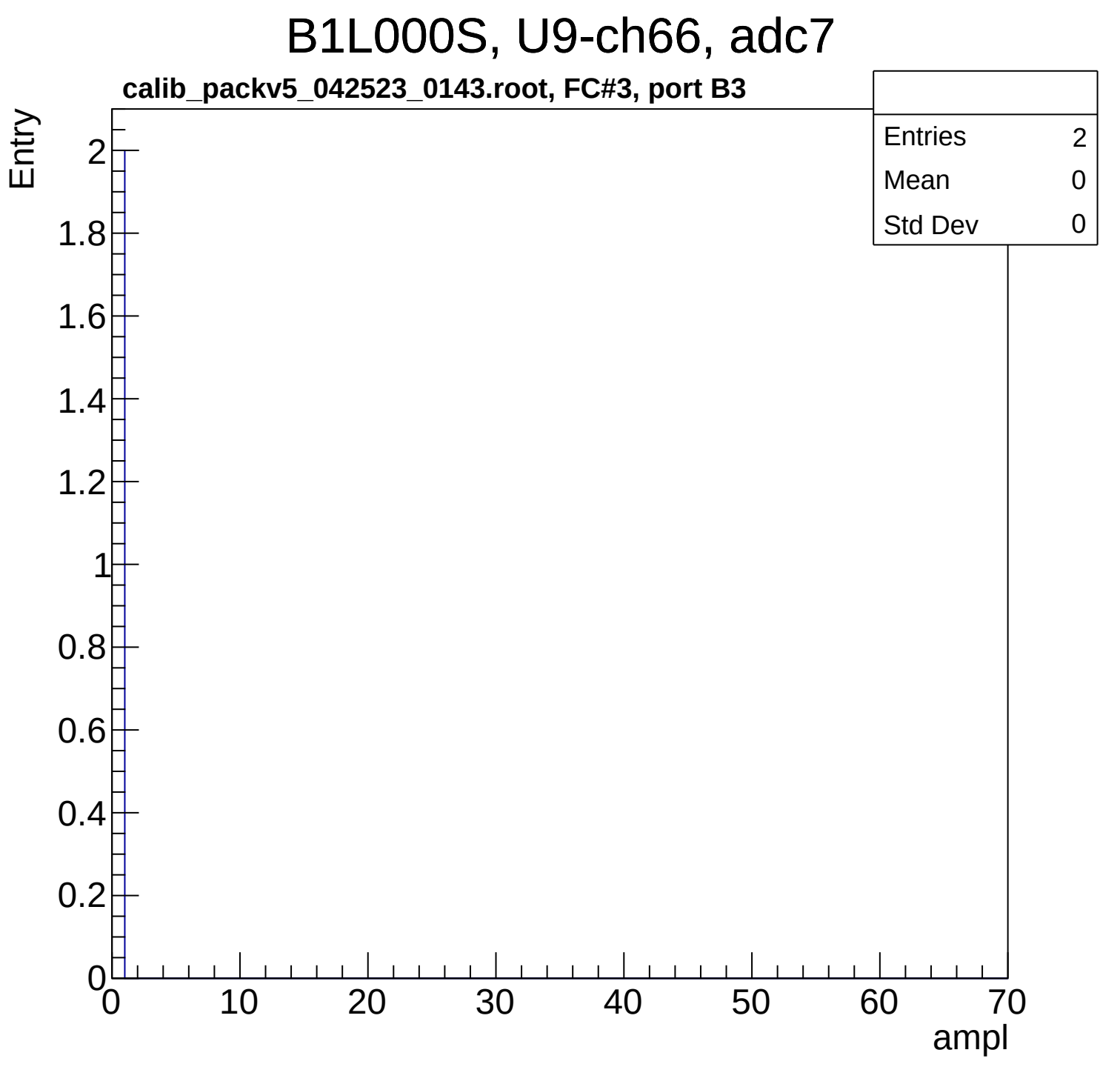
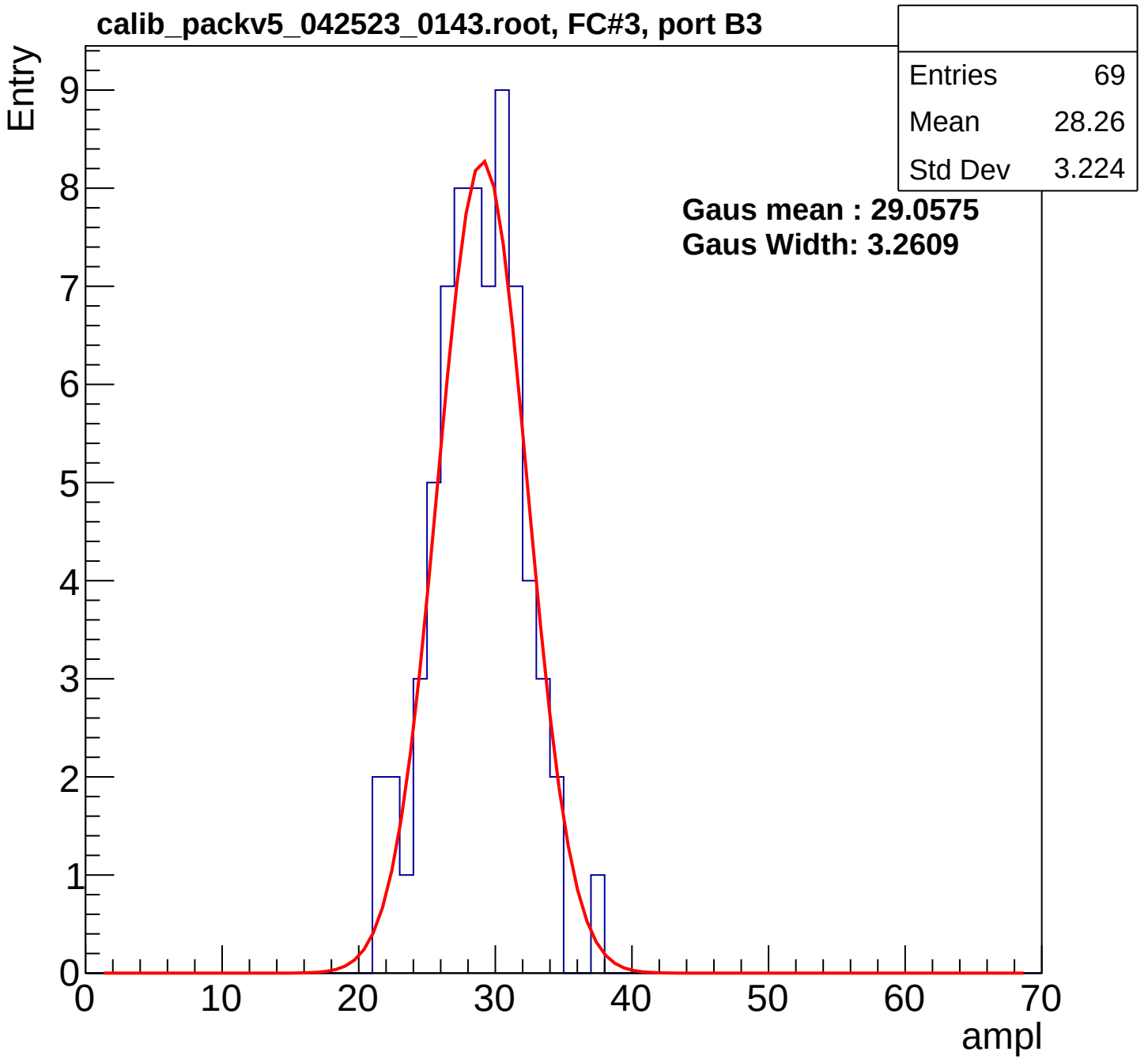
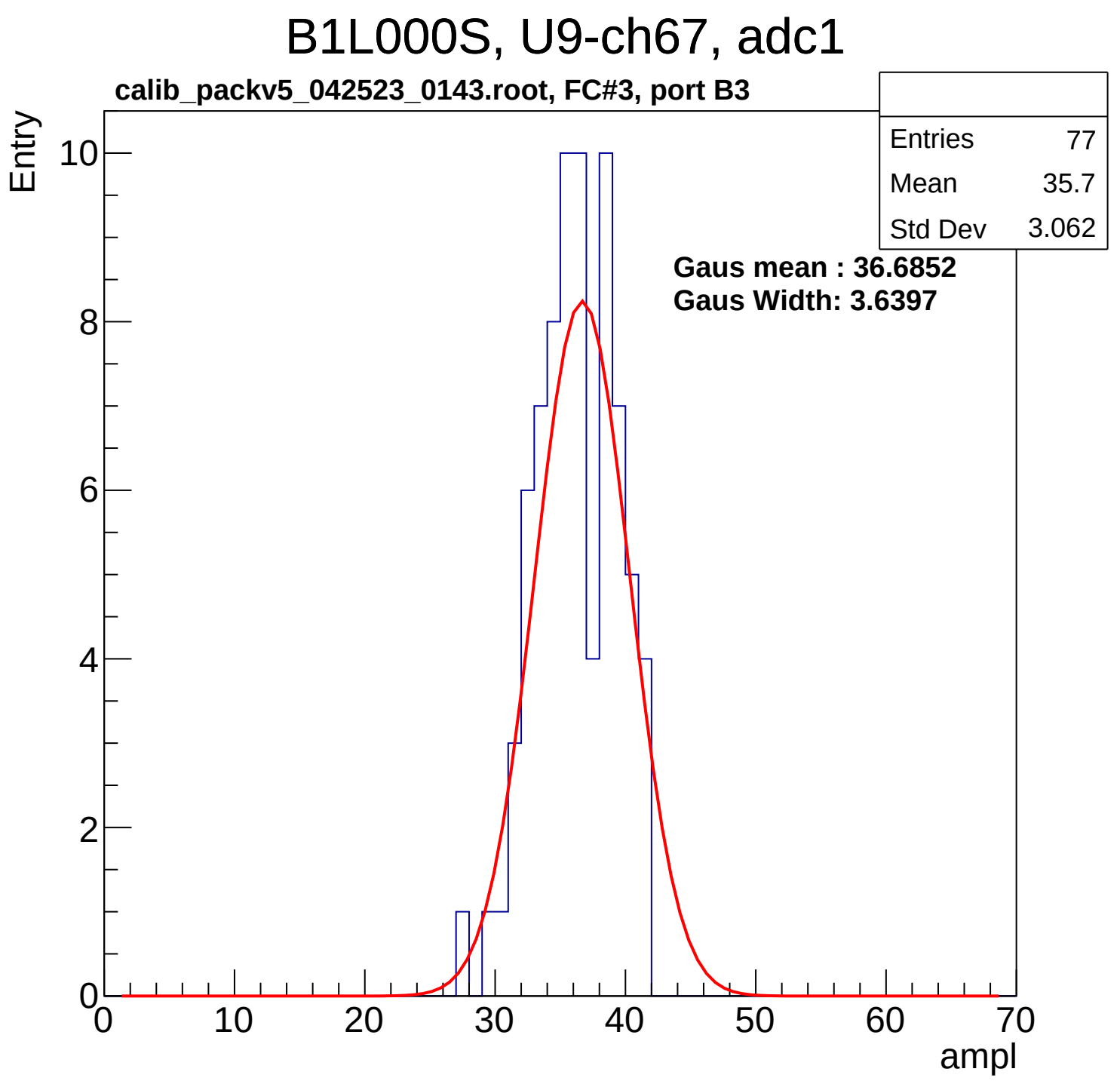
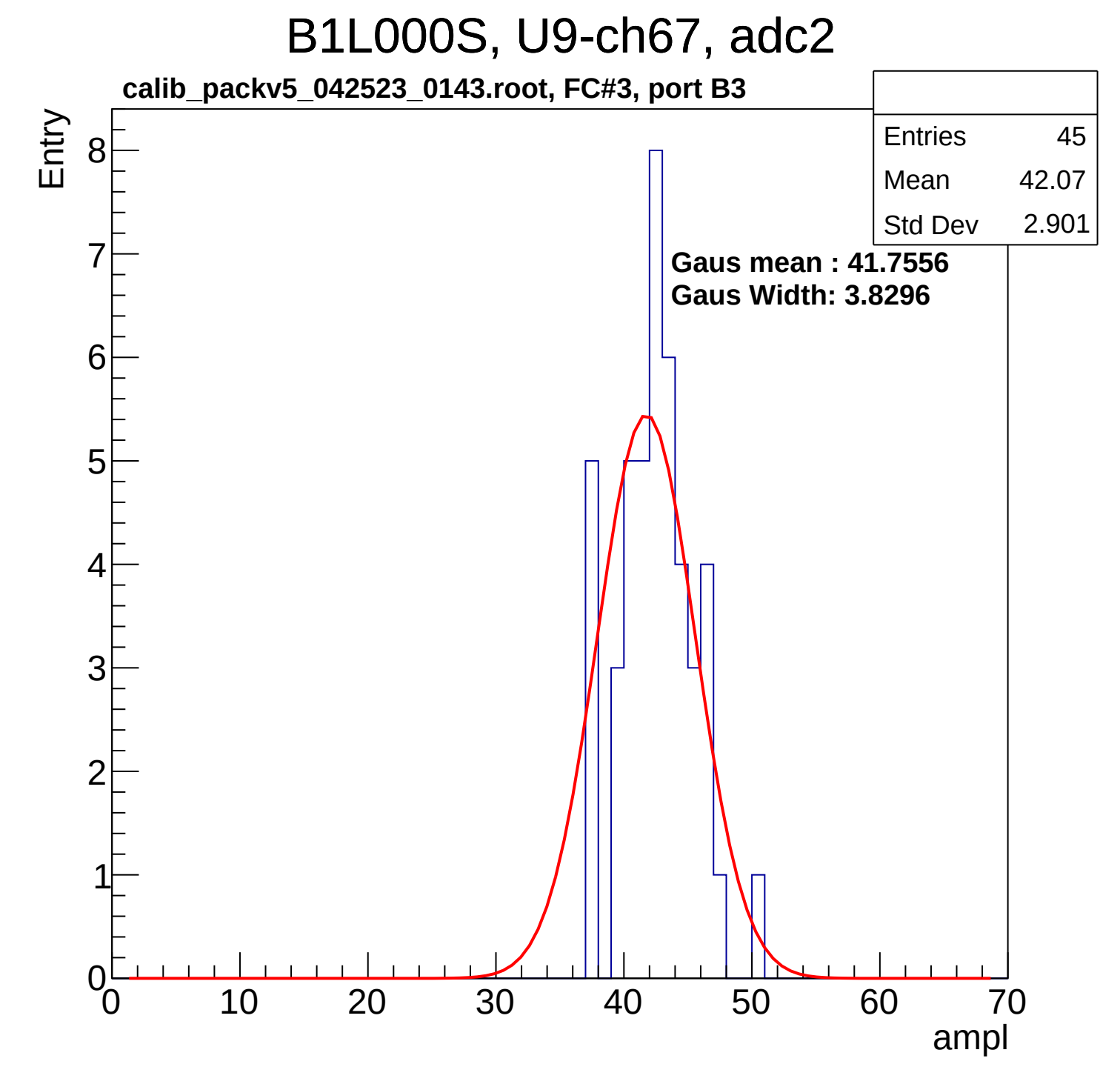

B1L000S, U9-ch66, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch67, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.26
Std Dev 3.224
Gaus mean : 29.0575
Gaus Width: 3.2609
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch67, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 35.7
Std Dev 3.062
Gaus mean : 36.6852
Gaus Width: 3.6397
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch67, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 42.07
Std Dev 2.901
Gaus mean : 41.7556
Gaus Width: 3.8296
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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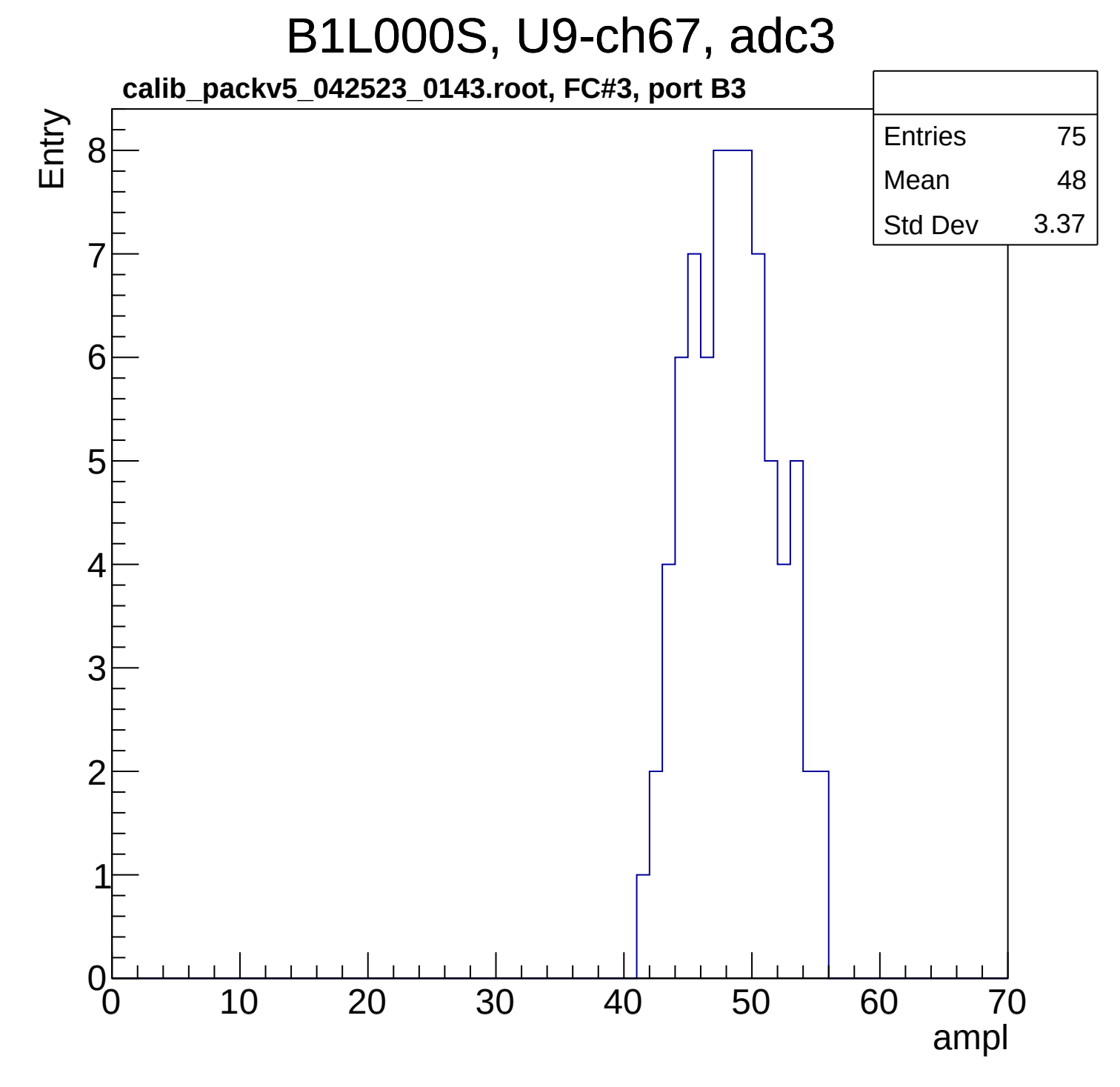
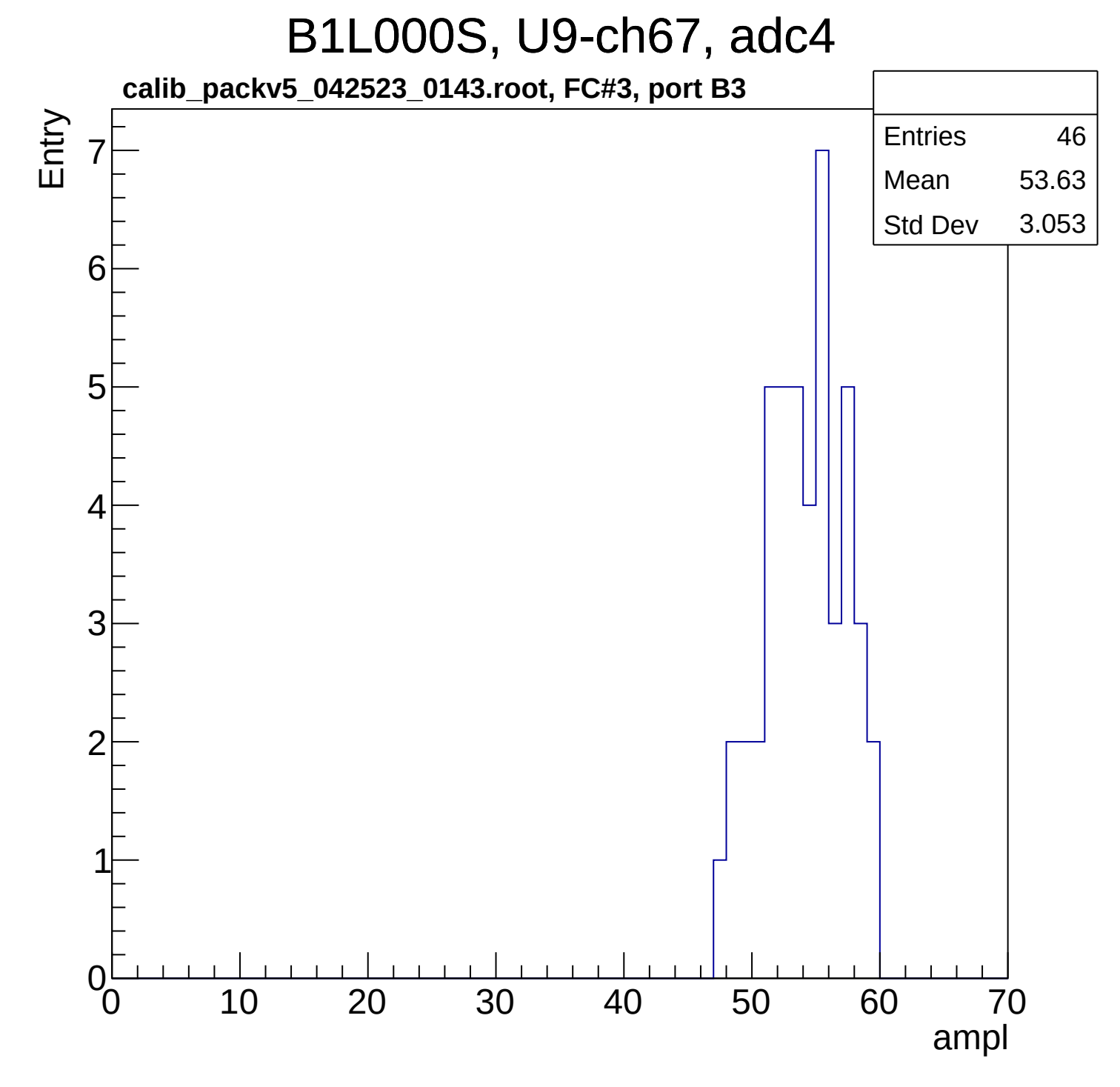

B1L000S, U9-ch67, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 48
Std Dev 3.37
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch67, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 53.63
Std Dev 3.053
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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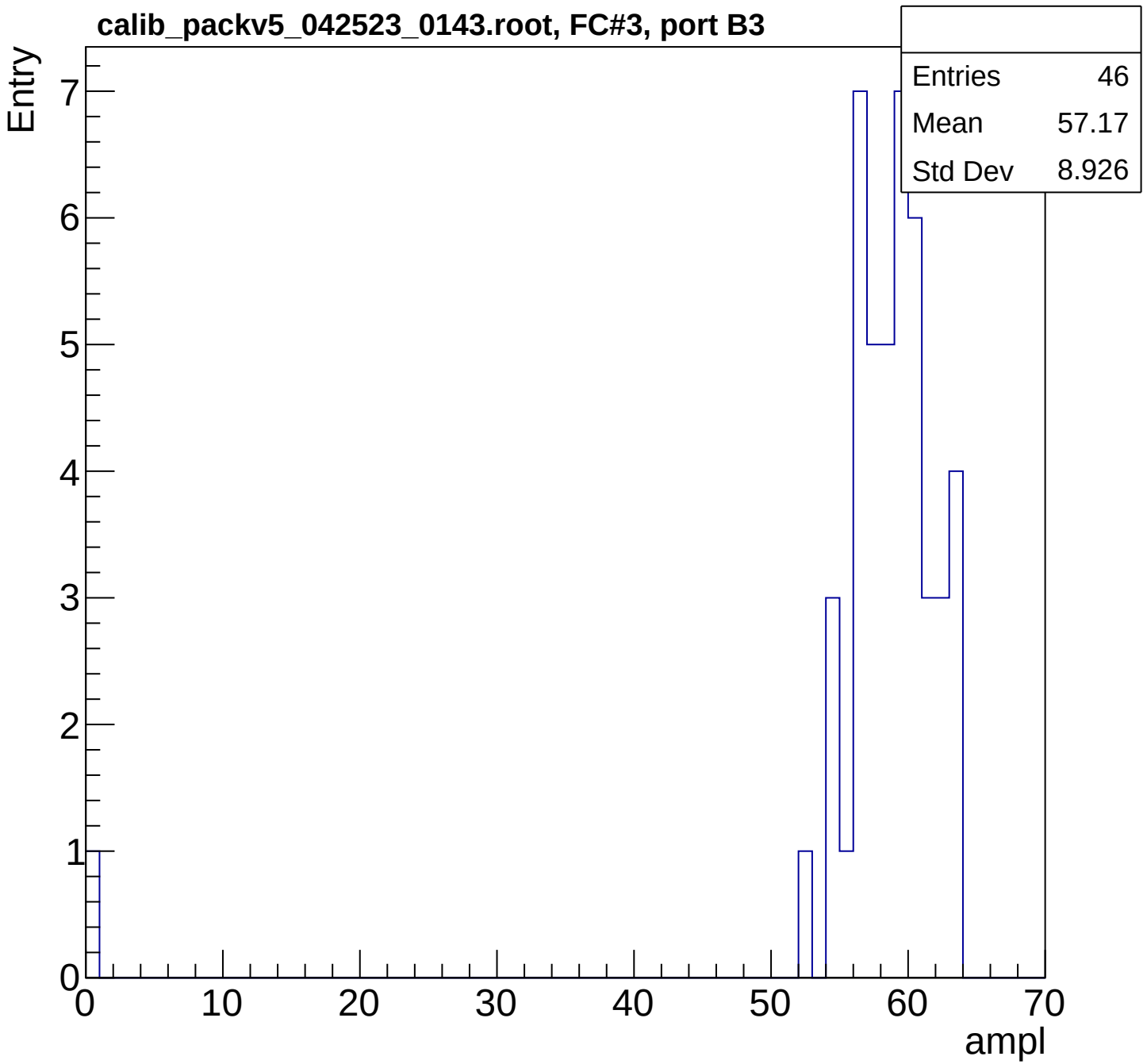
B1L000S, U9-ch67, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 57.17
Std Dev 8.926
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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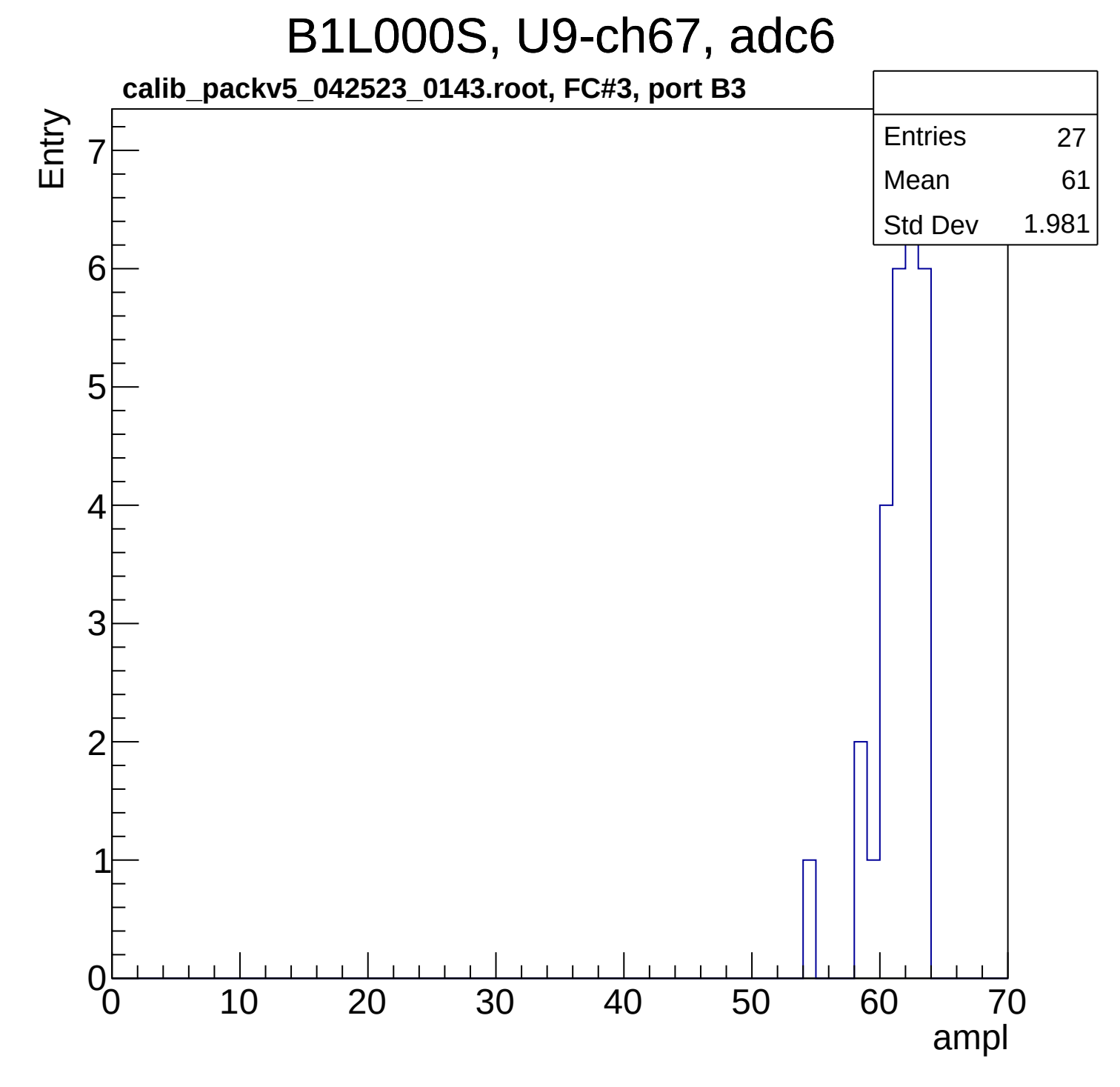
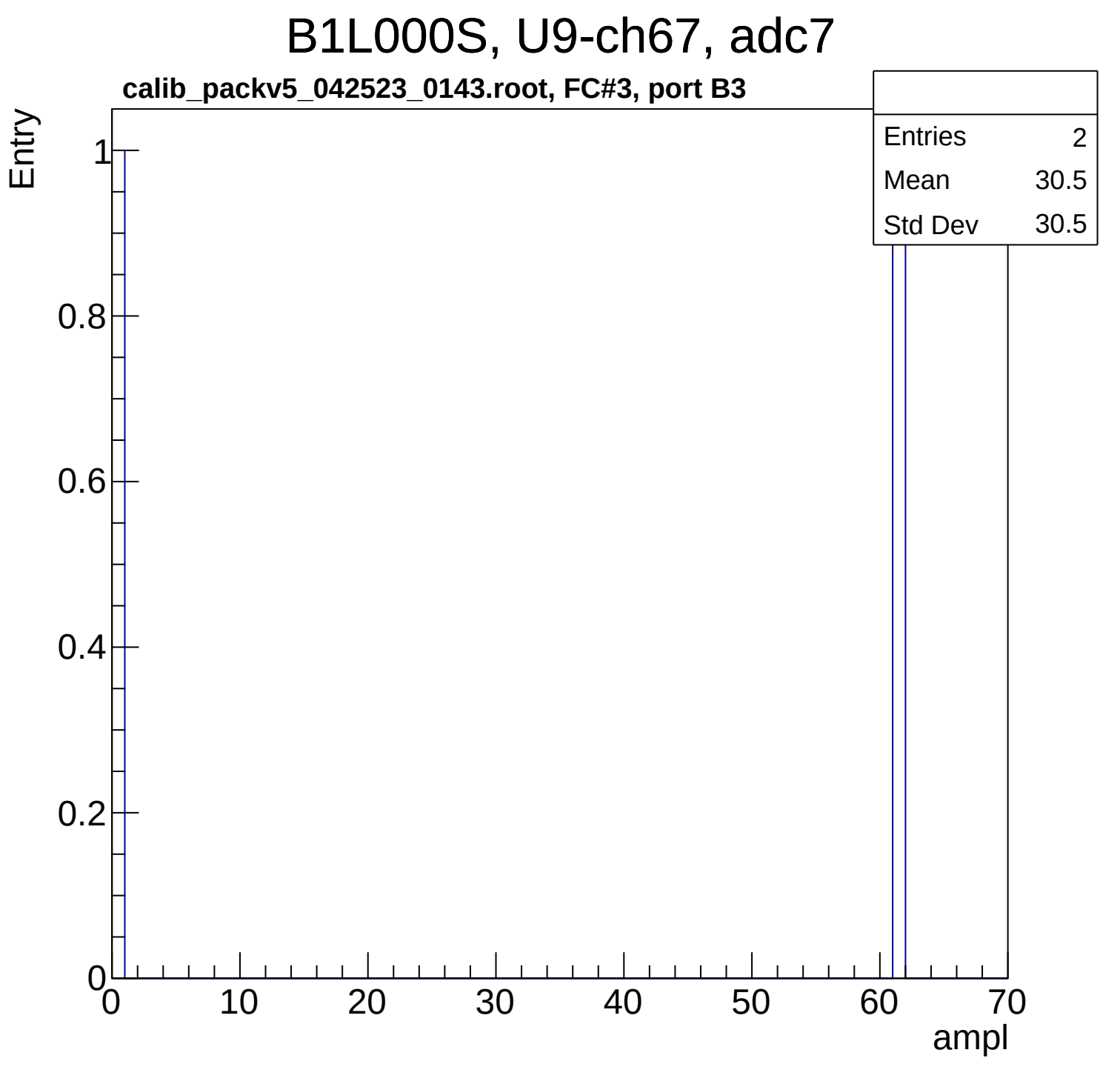
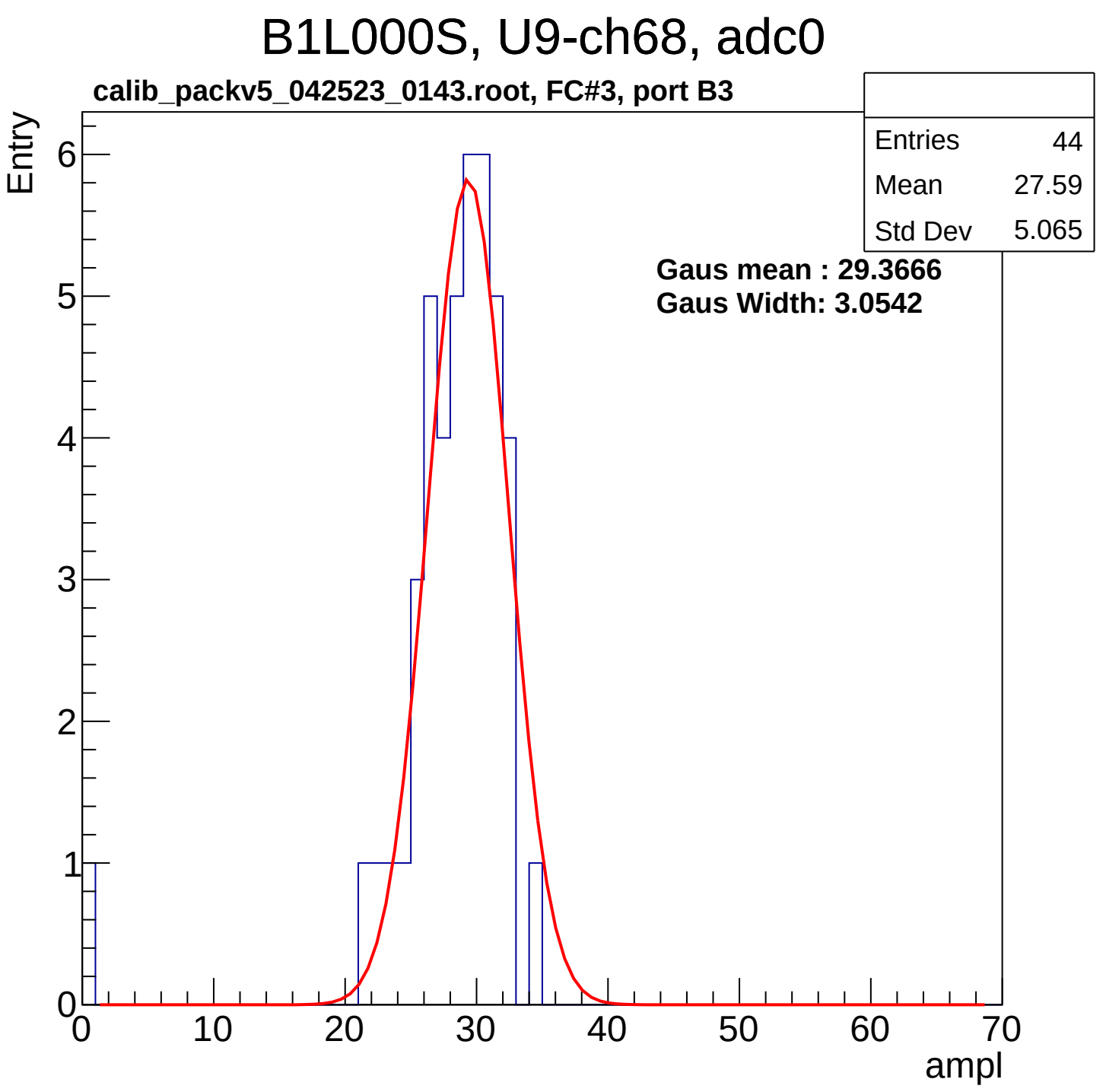
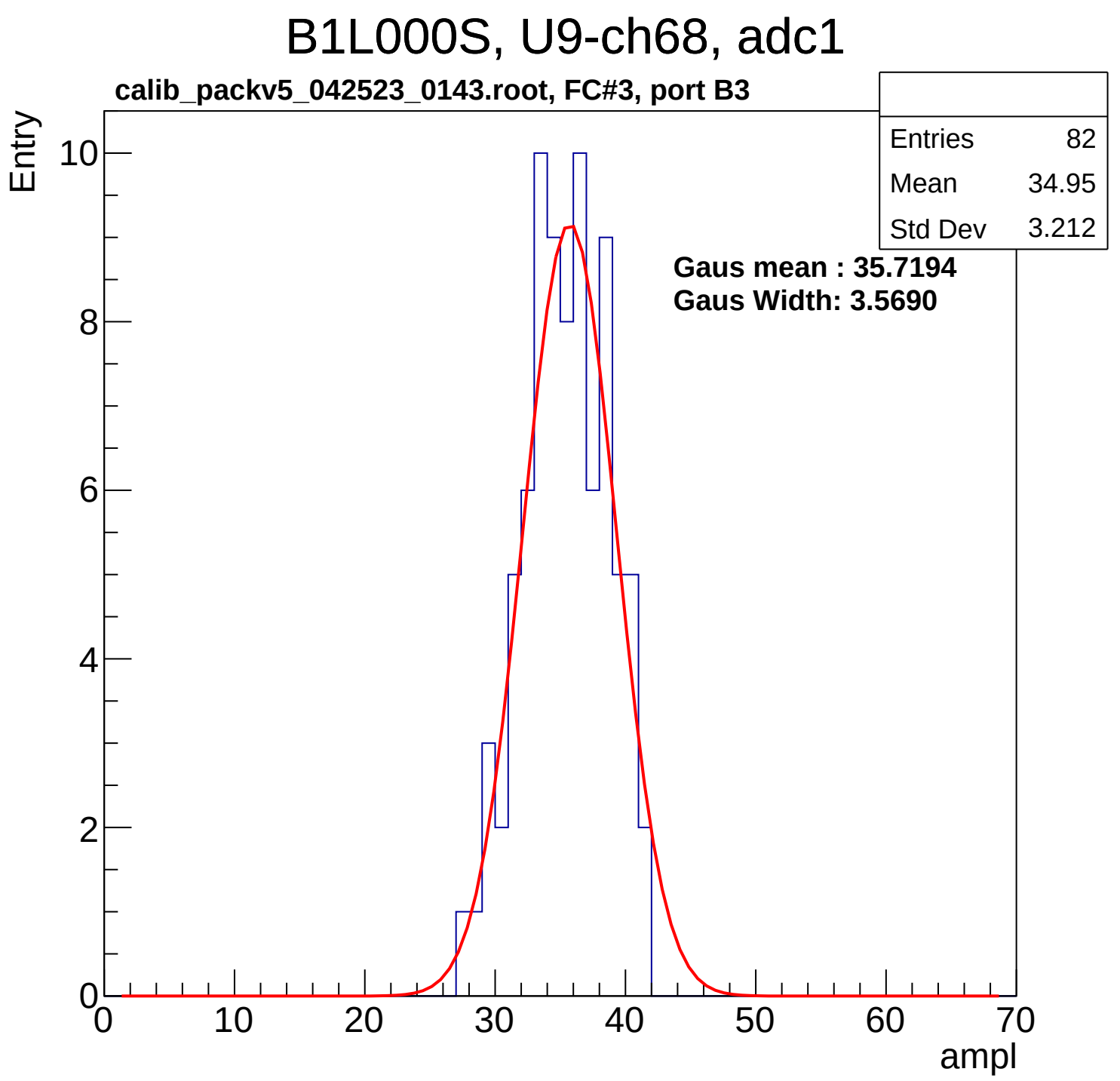
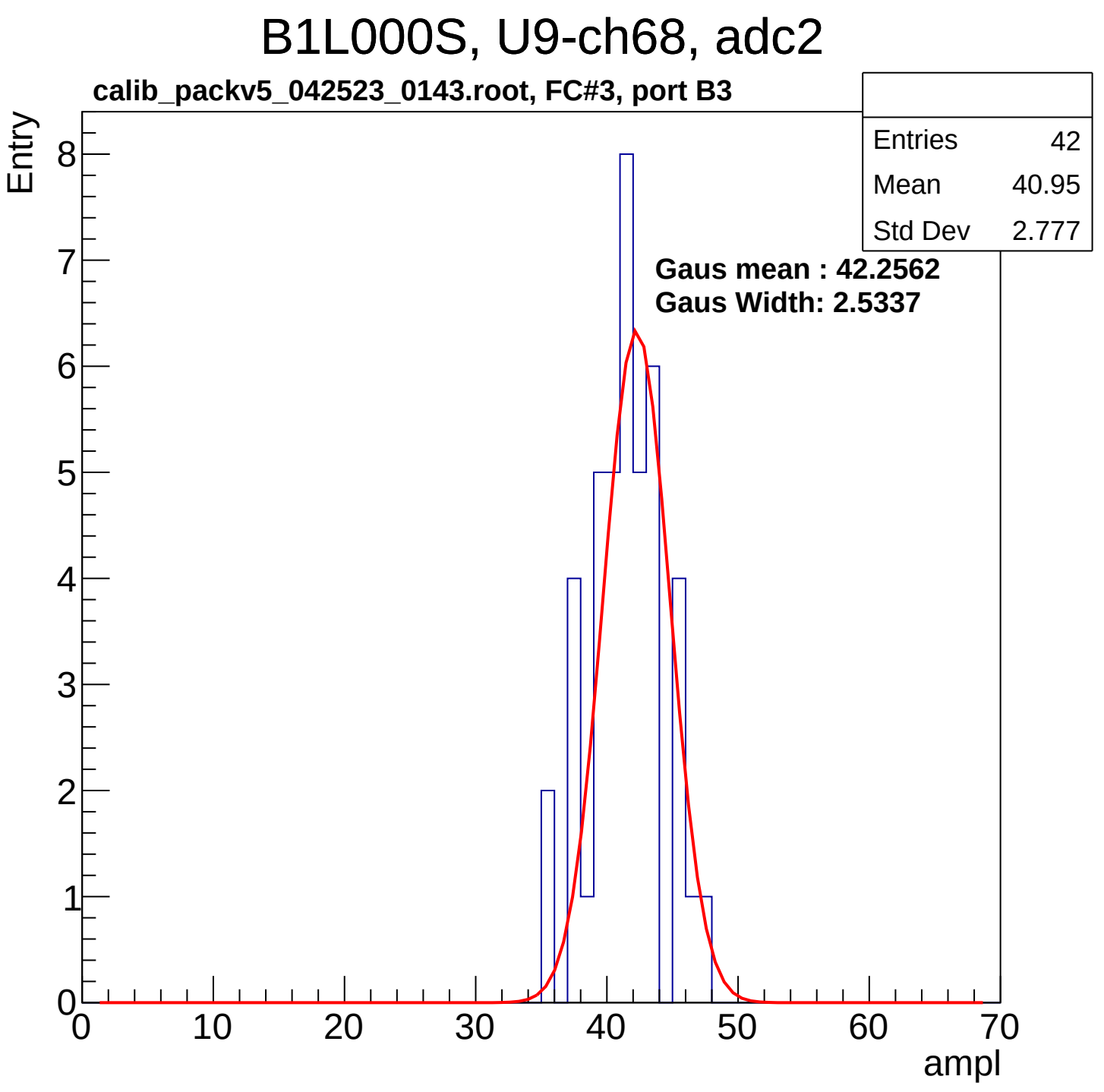
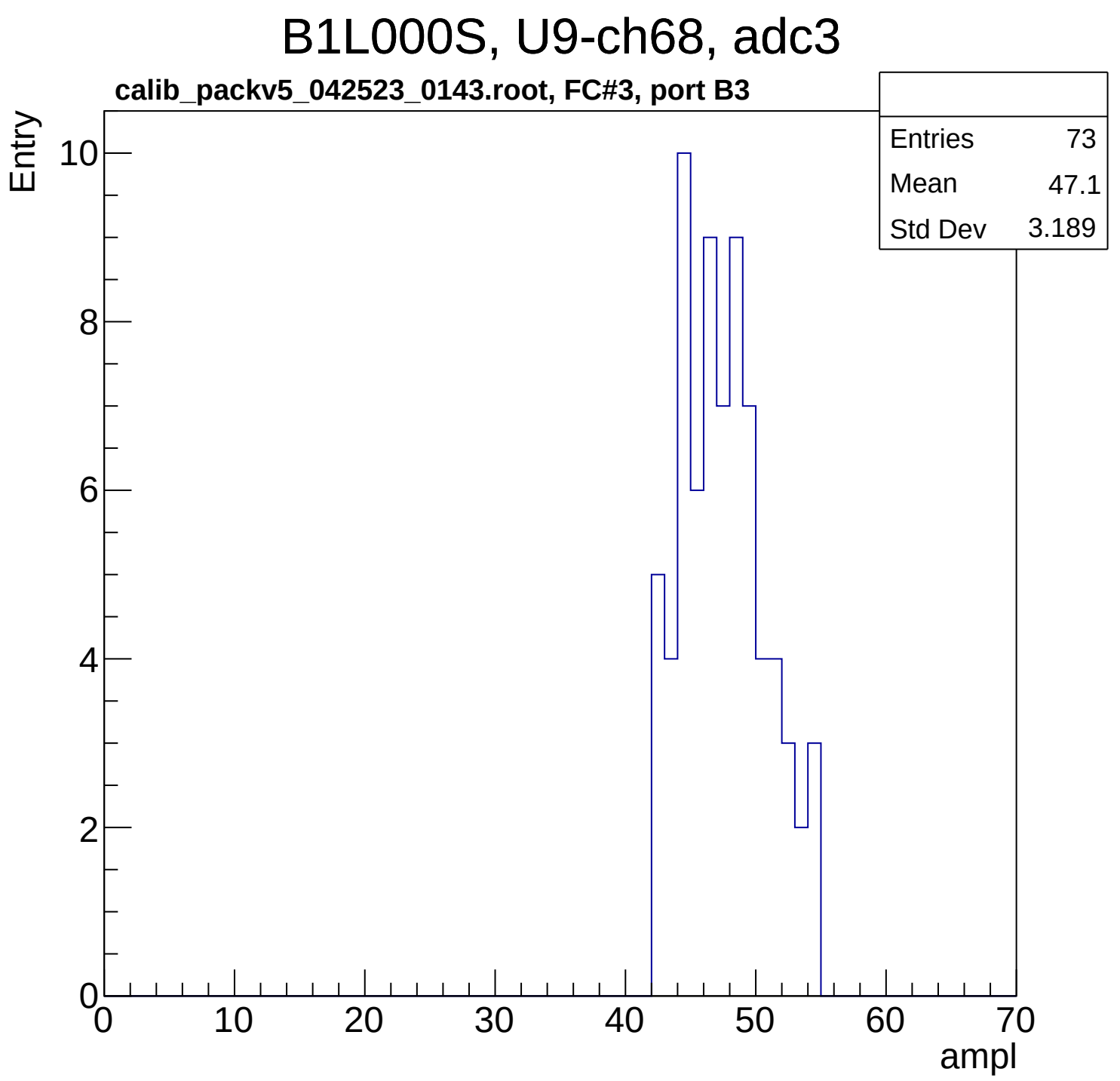

B1L000S, U9-ch67, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 27
Mean 61
Std Dev 1.981
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch67, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 30.5
Std Dev 30.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch68, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 27.59
Std Dev 5.065
Gaus mean : 29.3666
Gaus Width: 3.0542
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U9-ch68, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 34.95
Std Dev 3.212
Gaus mean : 35.7194
Gaus Width: 3.5690
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch68, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 40.95
Std Dev 2.777
Gaus mean : 42.2562
Gaus Width: 2.5337
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch68, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 47.1
Std Dev 3.189
Entry
0
2
4
6
8
10
0
10
20
30
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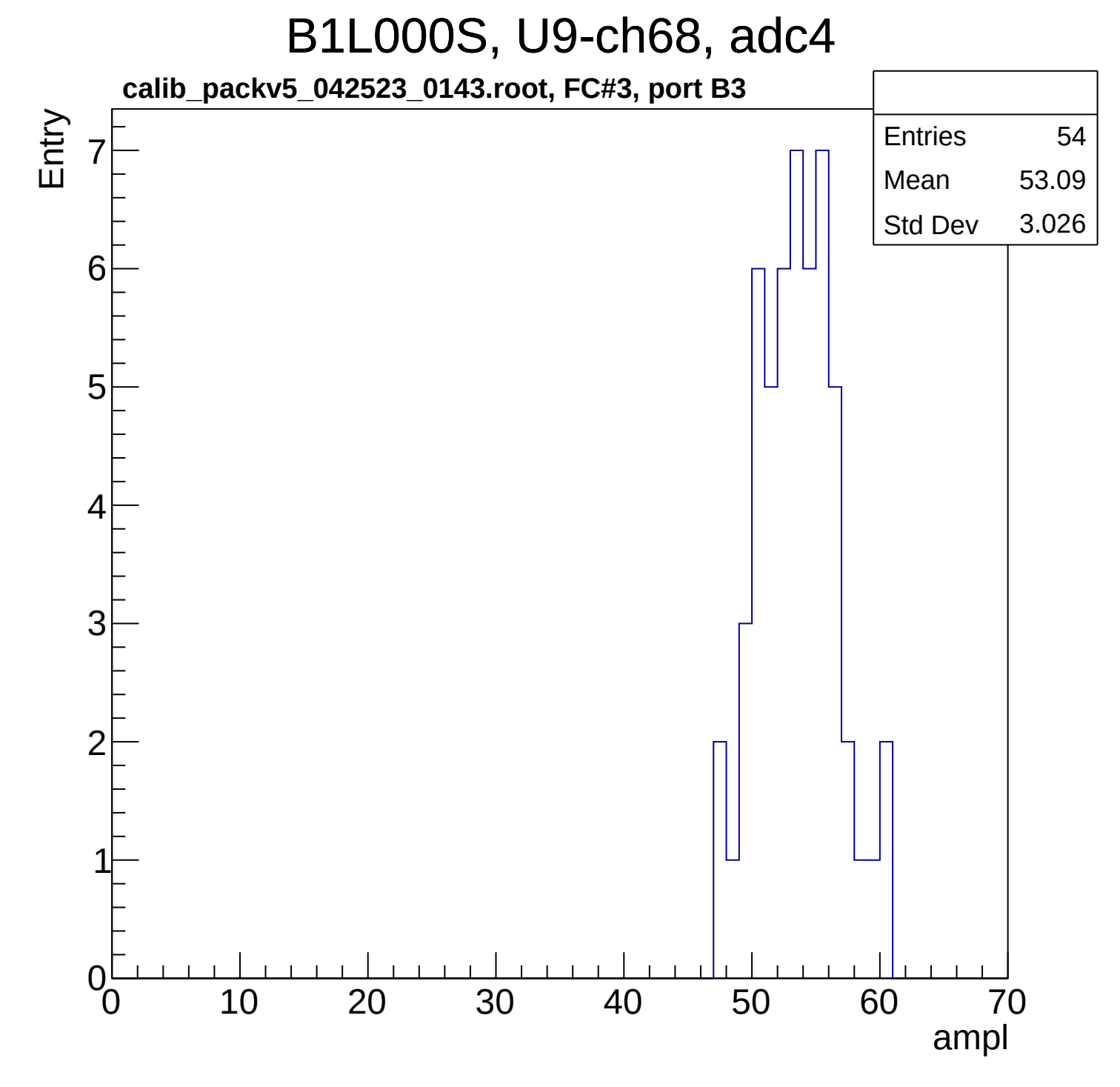
50
60
70
ampl


B1L000S, U9-ch68, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 53.09
Std Dev 3.026
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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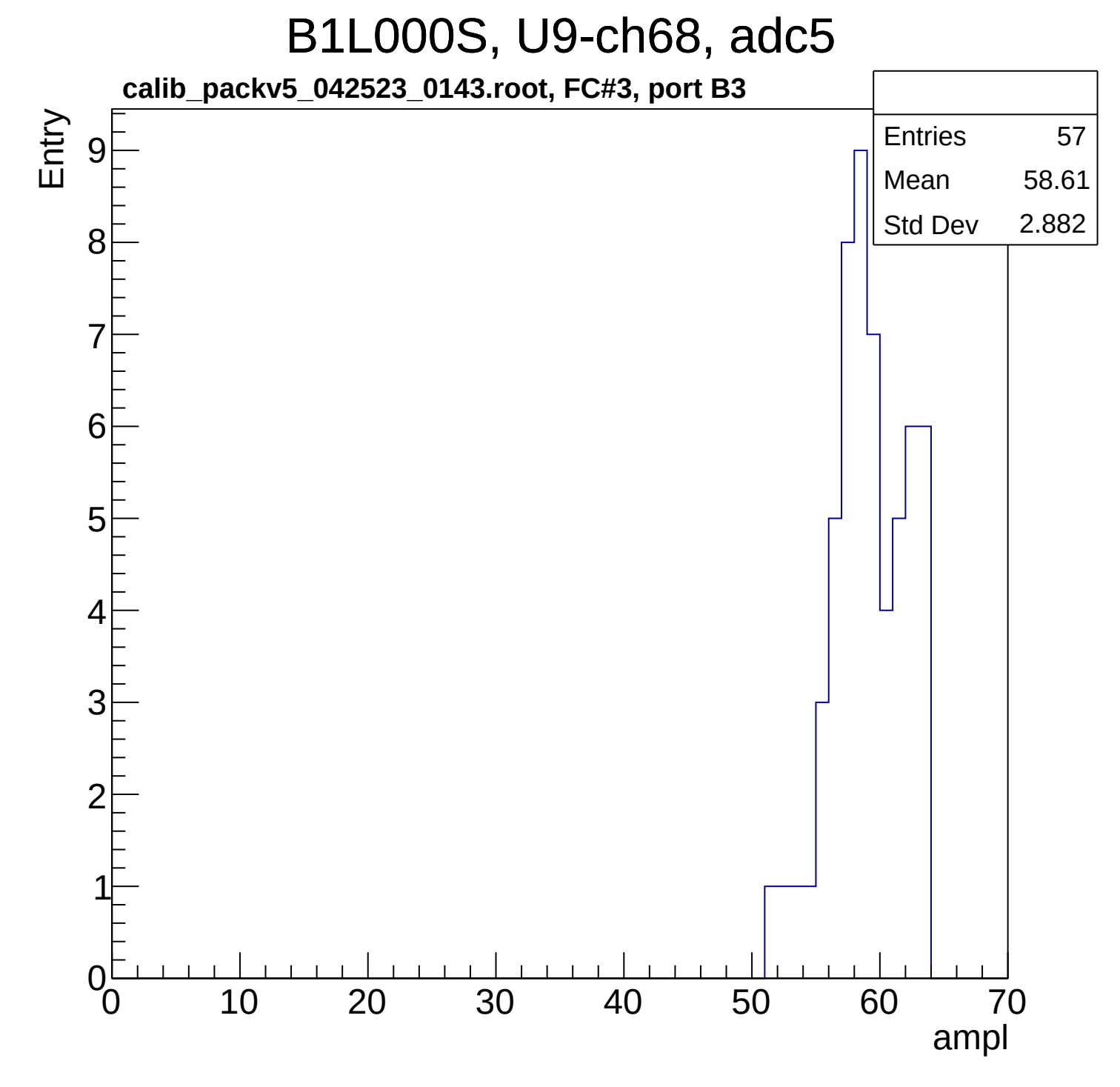
40
50
60
70


B1L000S, U9-ch68, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.61
Std Dev 2.882
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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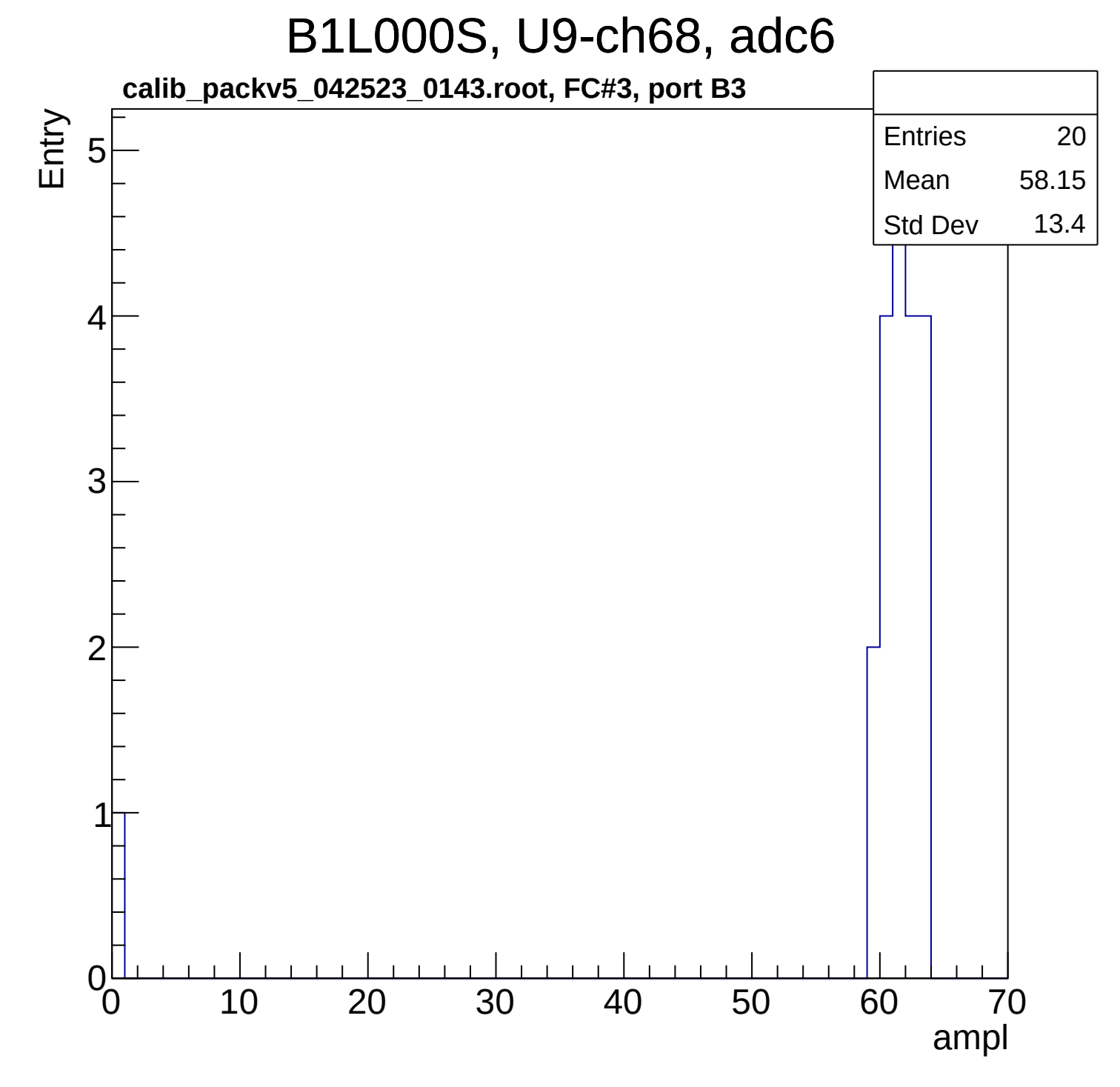
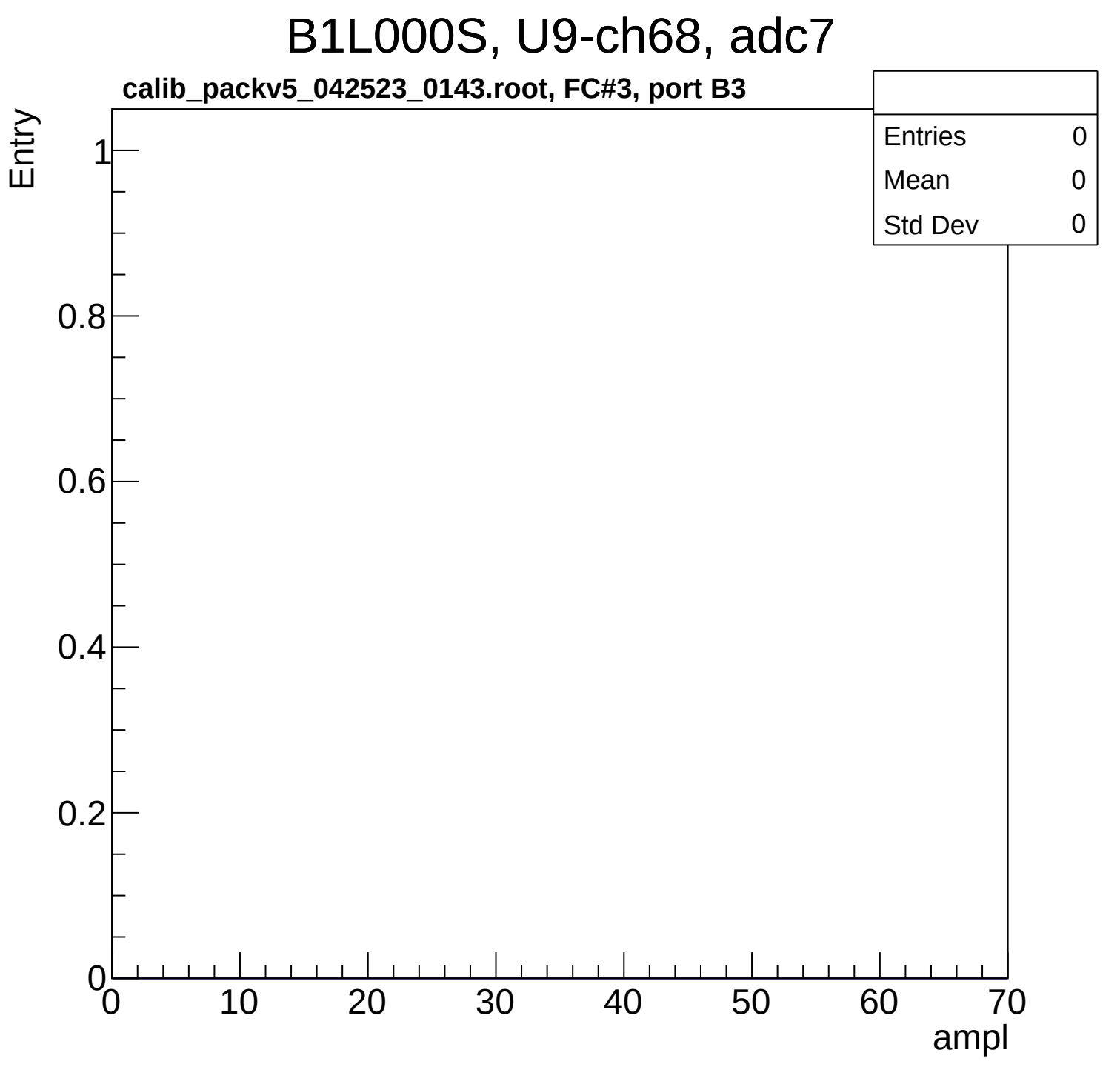

B1L000S, U9-ch68, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.15
Std Dev 13.4
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch68, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
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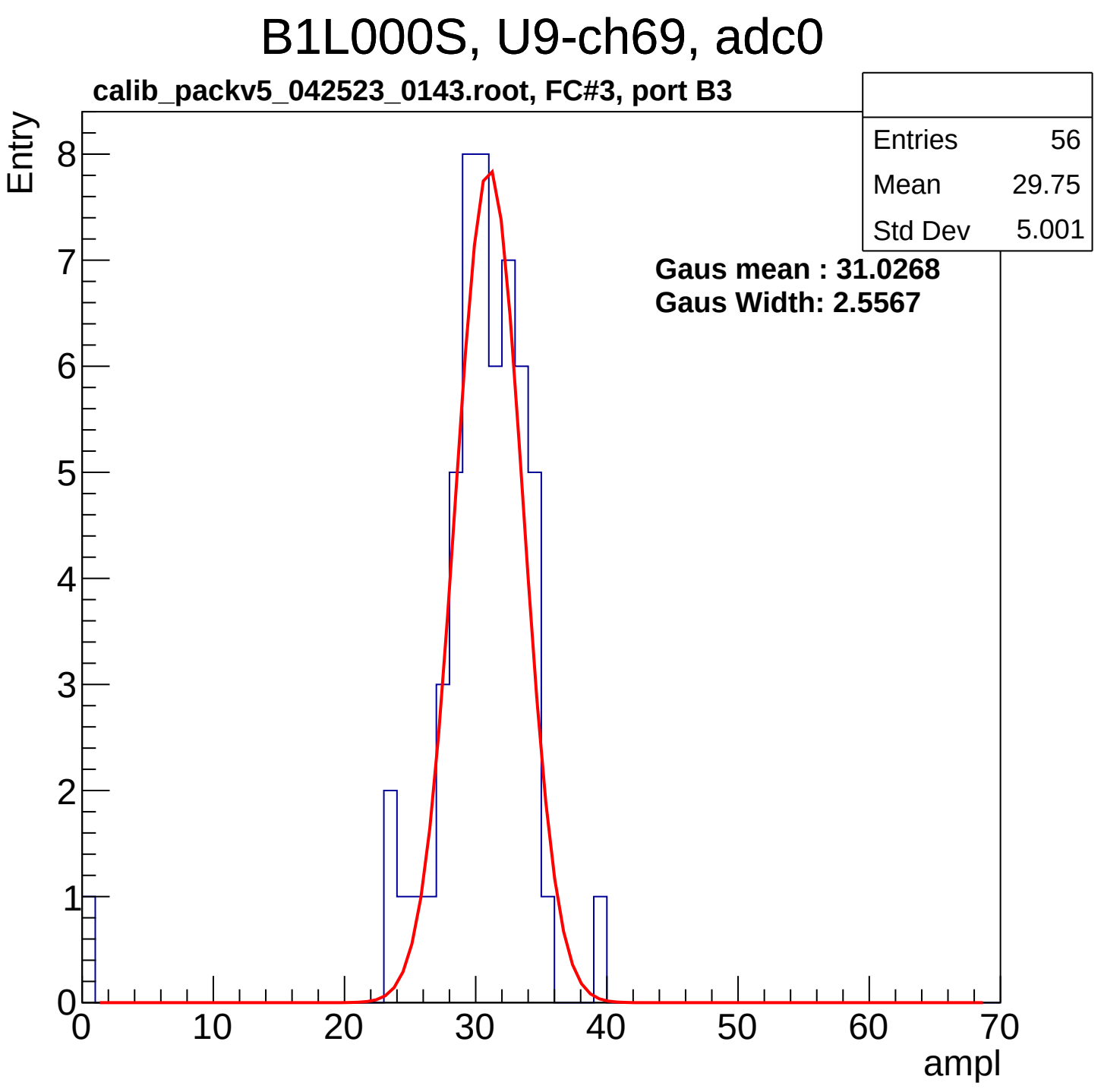
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch69, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 29.75
Std Dev 5.001
Gaus mean : 31.0268
Gaus Width: 2.5567
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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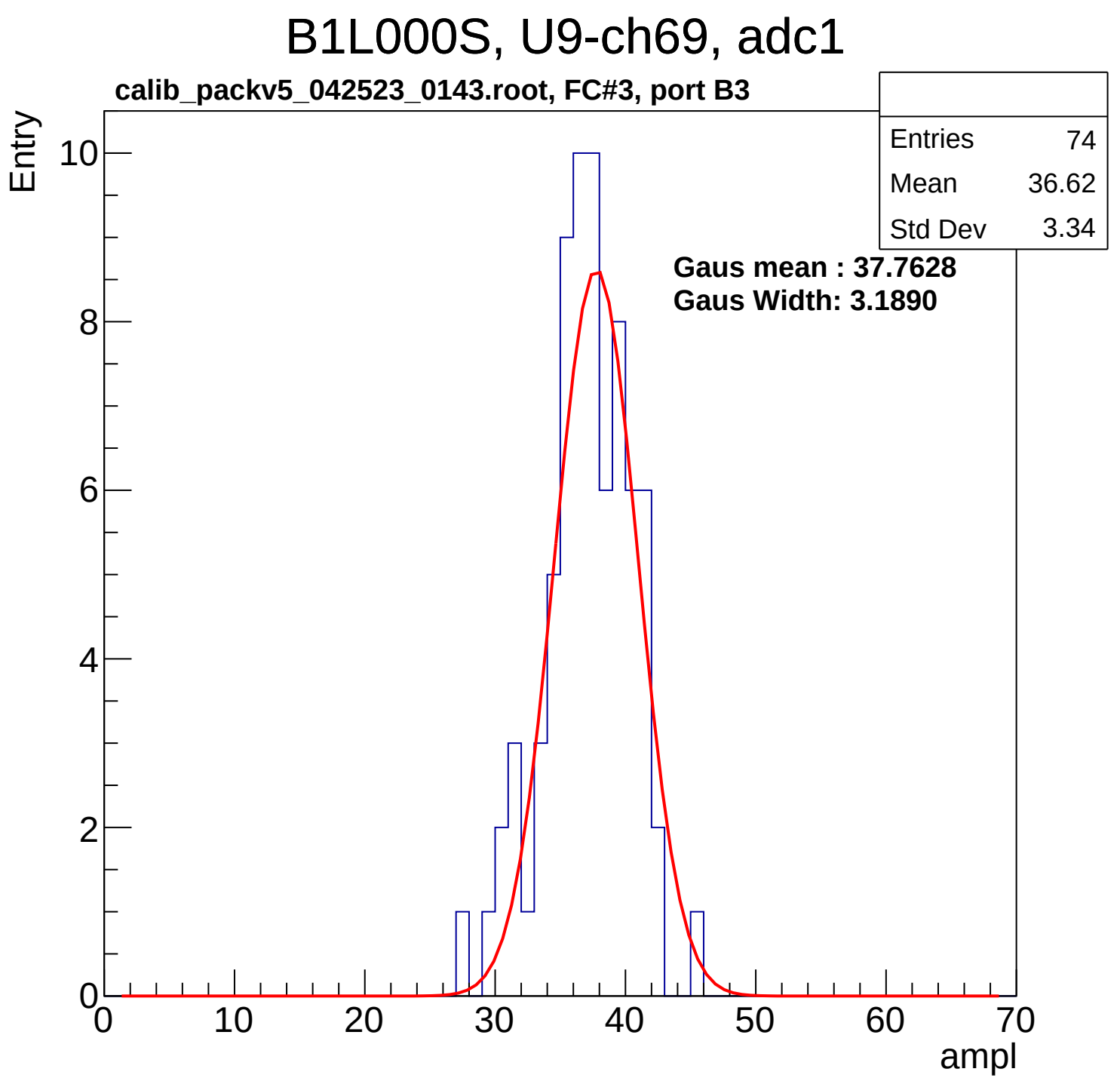
B1L000S, U9-ch69, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 36.62
Std Dev 3.34
Gaus mean : 37.7628
Gaus Width: 3.1890
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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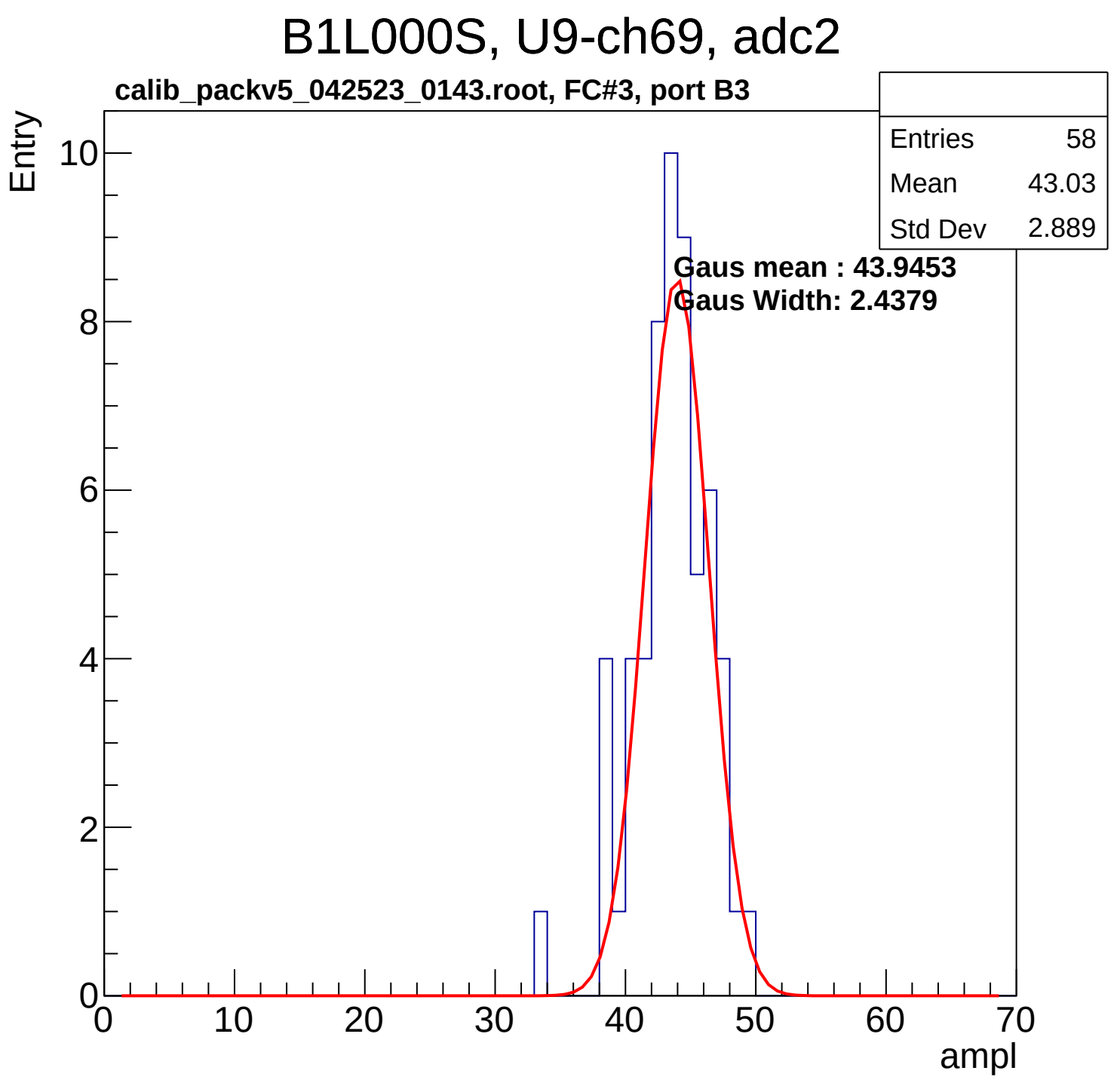
B1L000S, U9-ch69, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 43.03
Std Dev 2.889
Gaus mean : 43.9453
Gaus Width: 2.4379
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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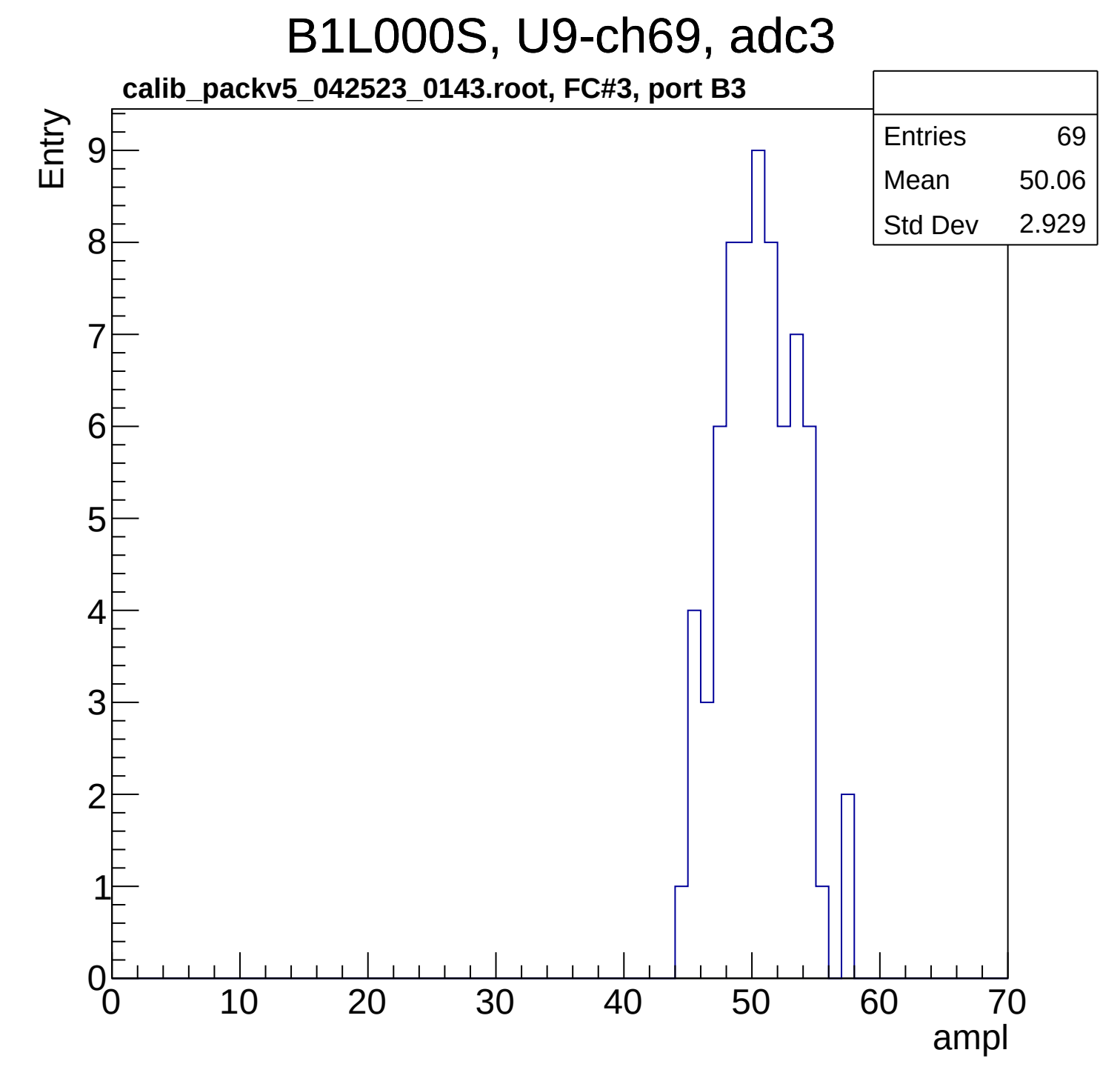
B1L000S, U9-ch69, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 50.06
Std Dev 2.929
Entry
ampl
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4
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7
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0
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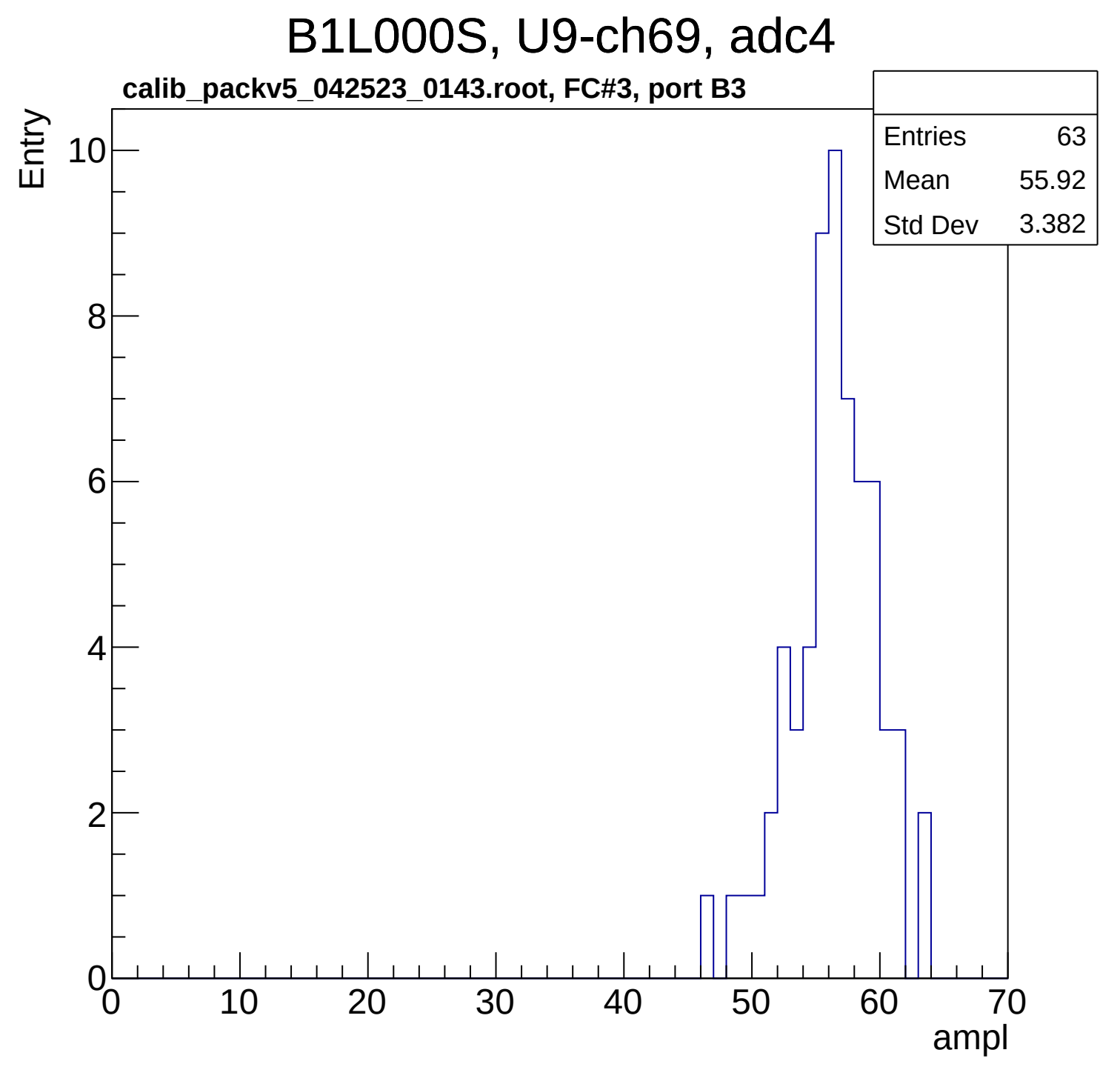
B1L000S, U9-ch69, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 55.92
Std Dev 3.382
Entry
ampl
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4
6
8
10
0
10
20
30
40
50
60
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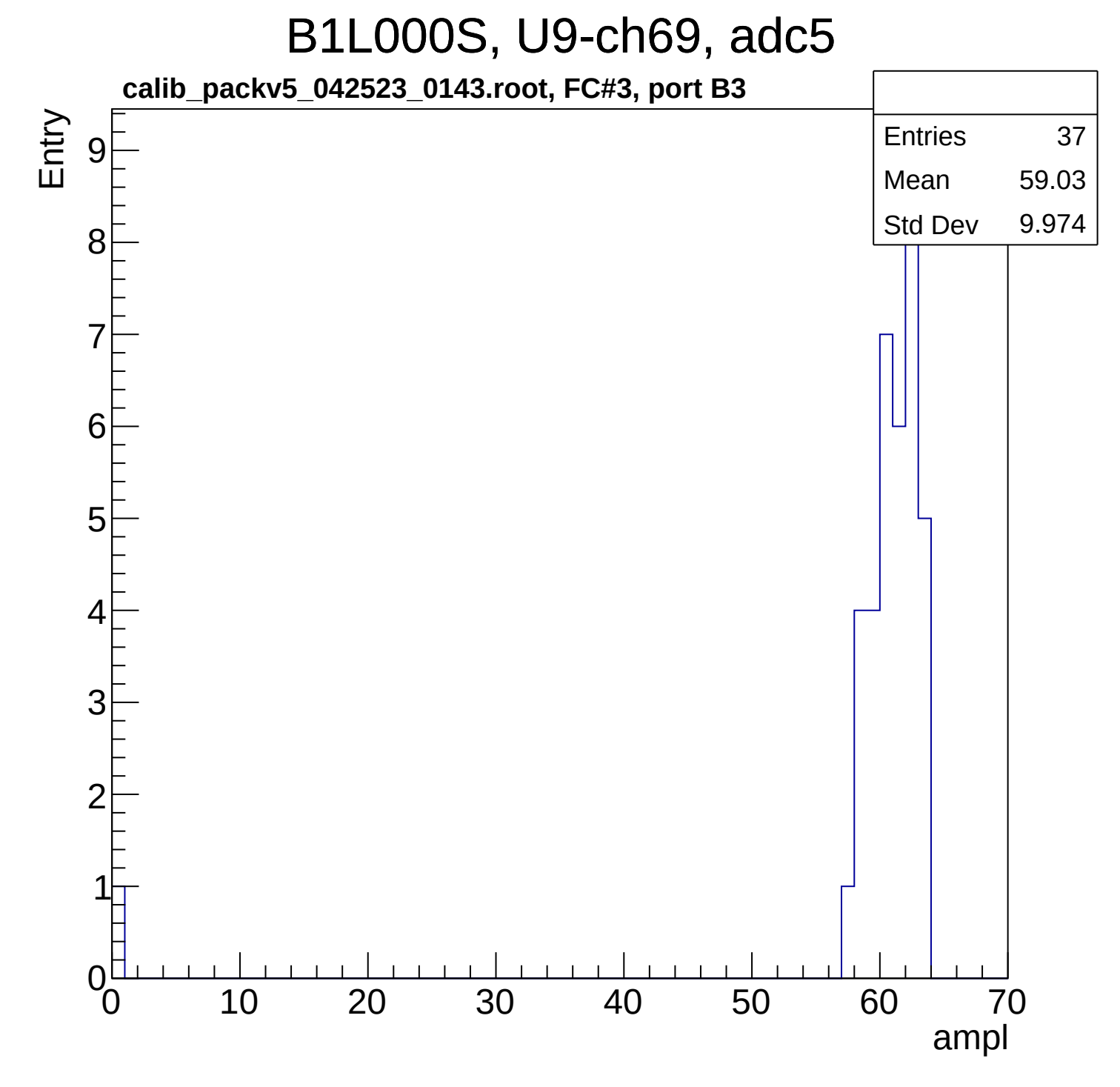
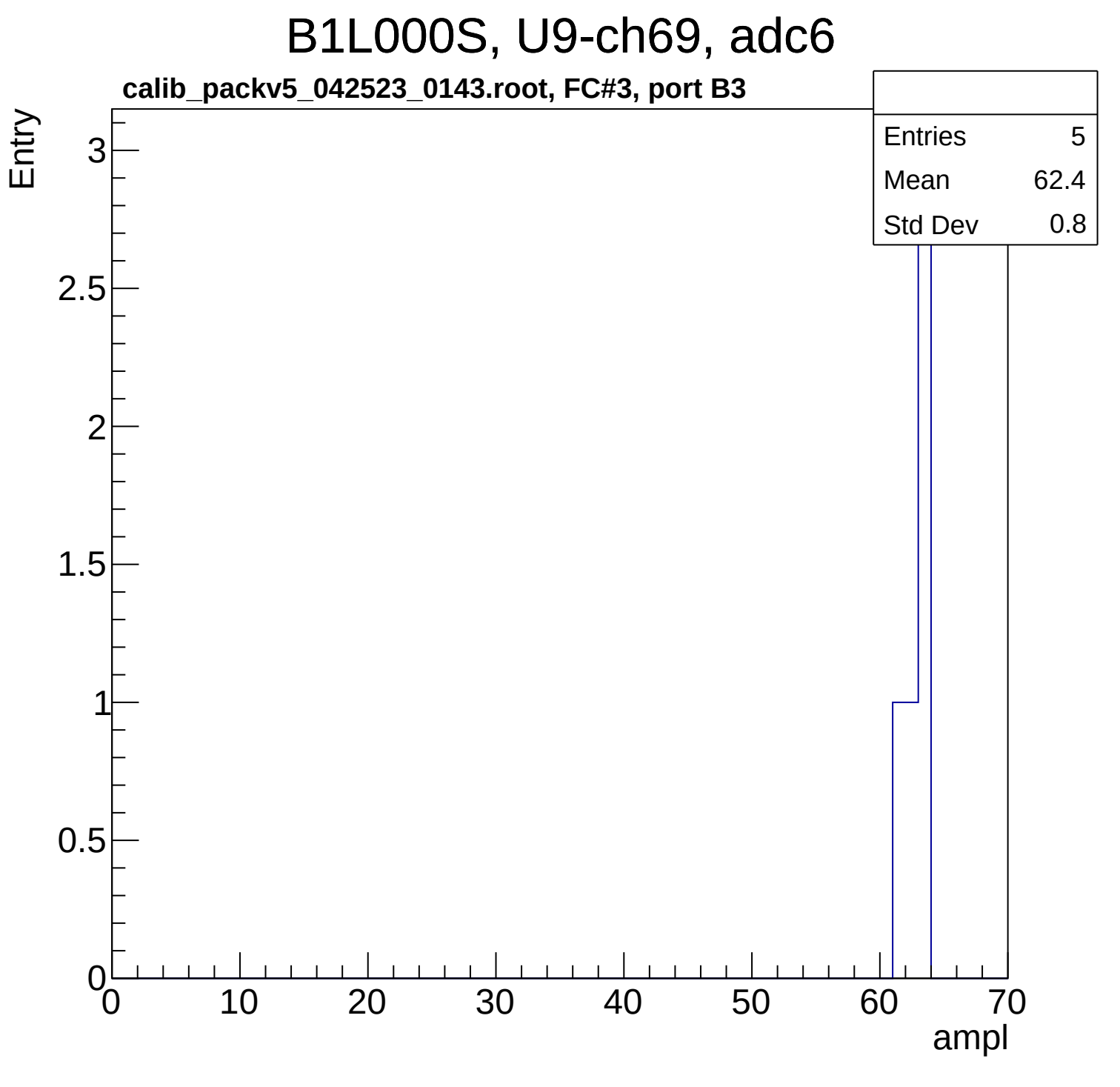

B1L000S, U9-ch69, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 37
Mean 59.03
Std Dev 9.974
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch69, adc6
calib_packv5_042523_0143.root, FC#3, port B3
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
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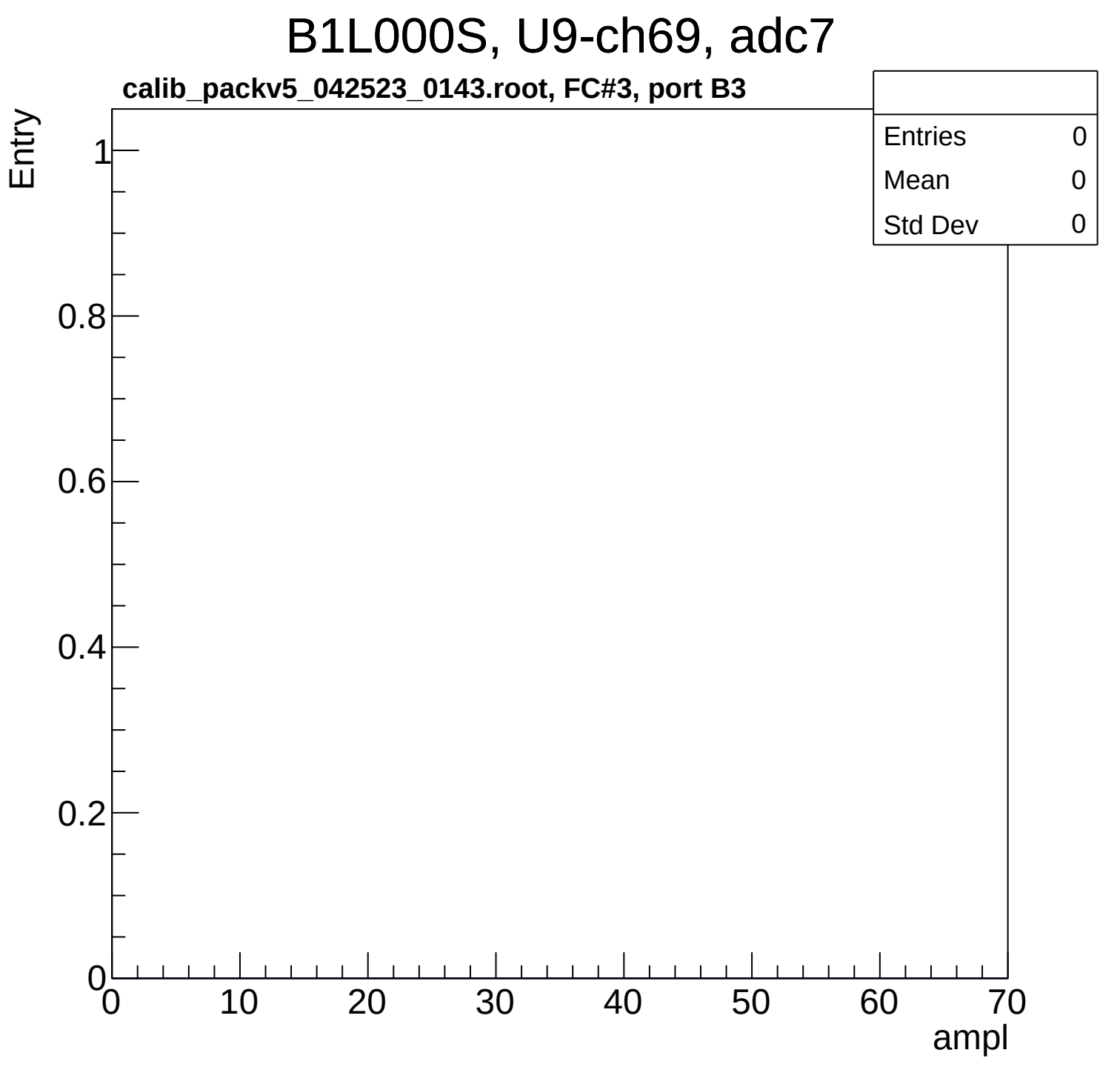
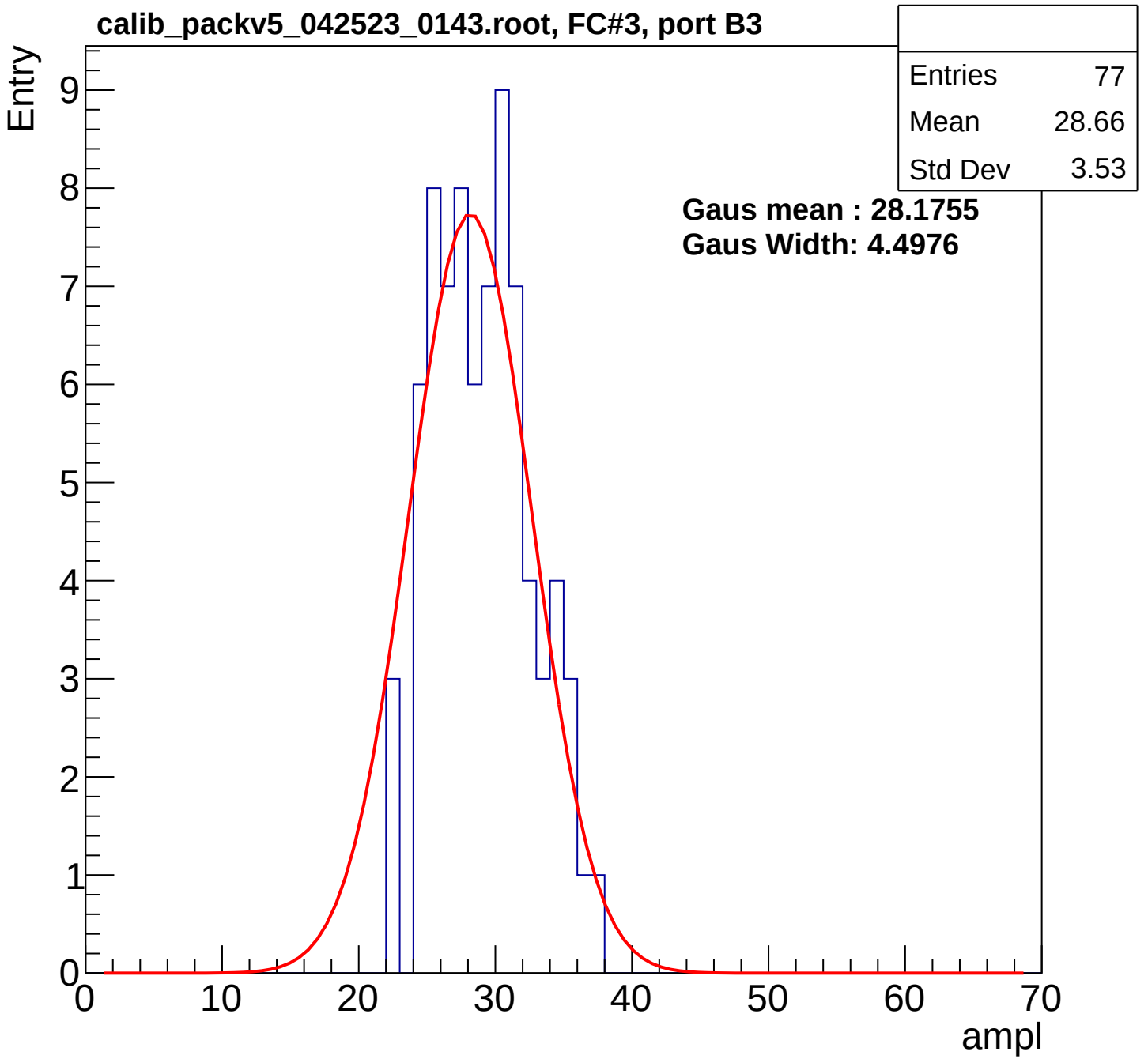
60
70


B1L000S, U9-ch69, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch70, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 28.66
Std Dev 3.53
Gaus mean : 28.1755
Gaus Width: 4.4976
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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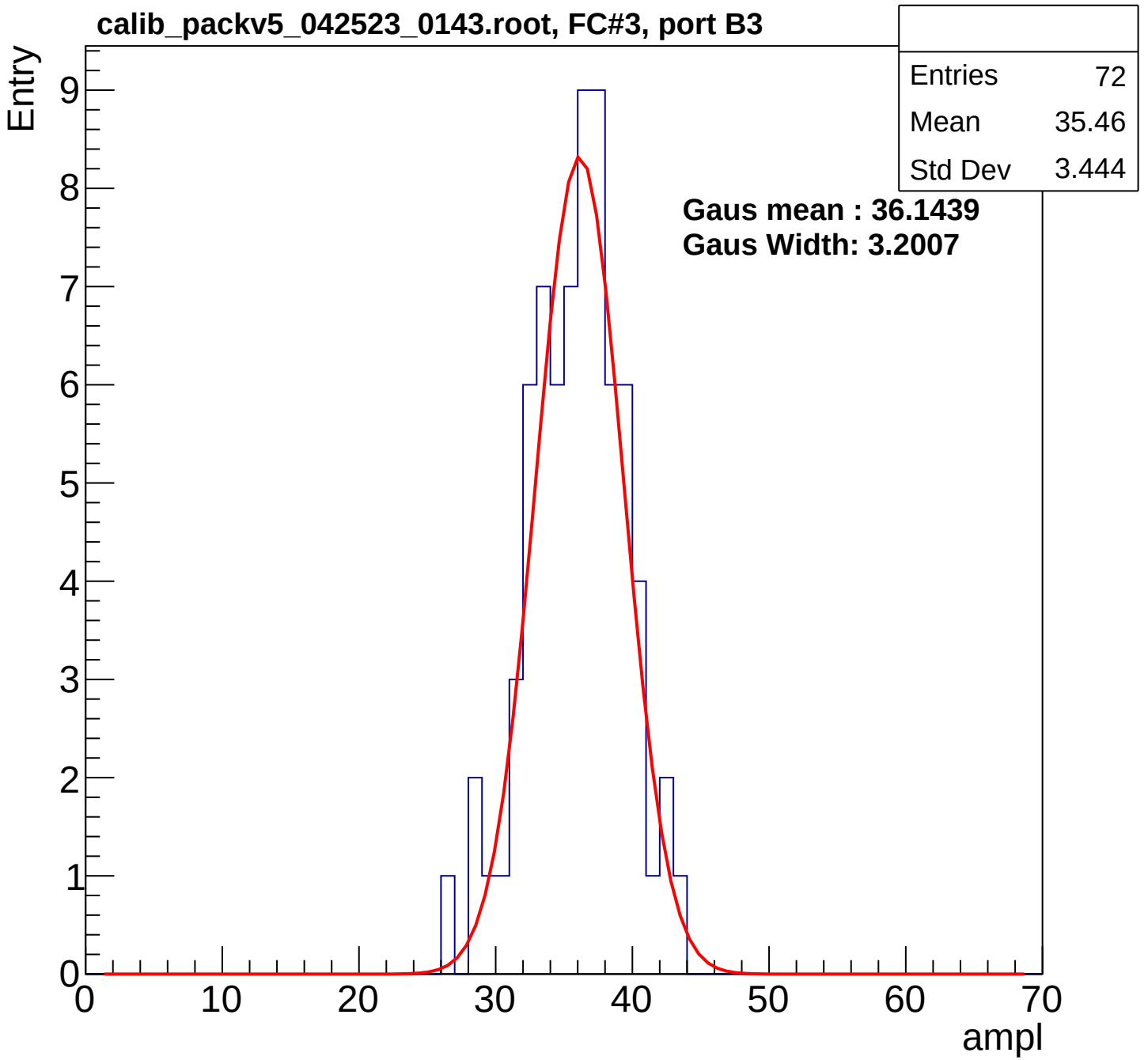
B1L000S, U9-ch70, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35.46
Std Dev 3.444
Gaus mean : 36.1439
Gaus Width: 3.2007
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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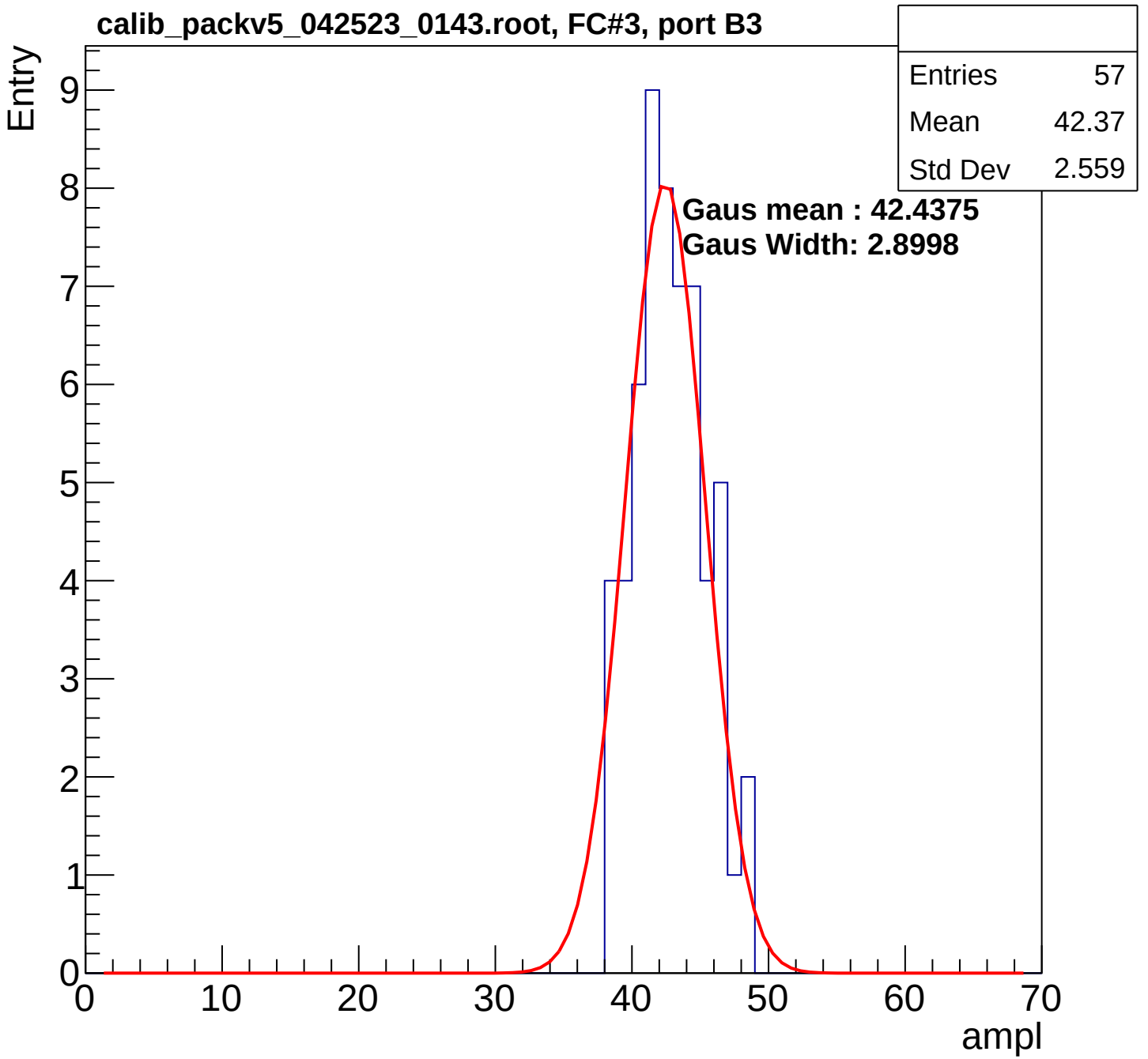
B1L000S, U9-ch70, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 42.37
Std Dev 2.559
Gaus mean : 42.4375
Gaus Width: 2.8998
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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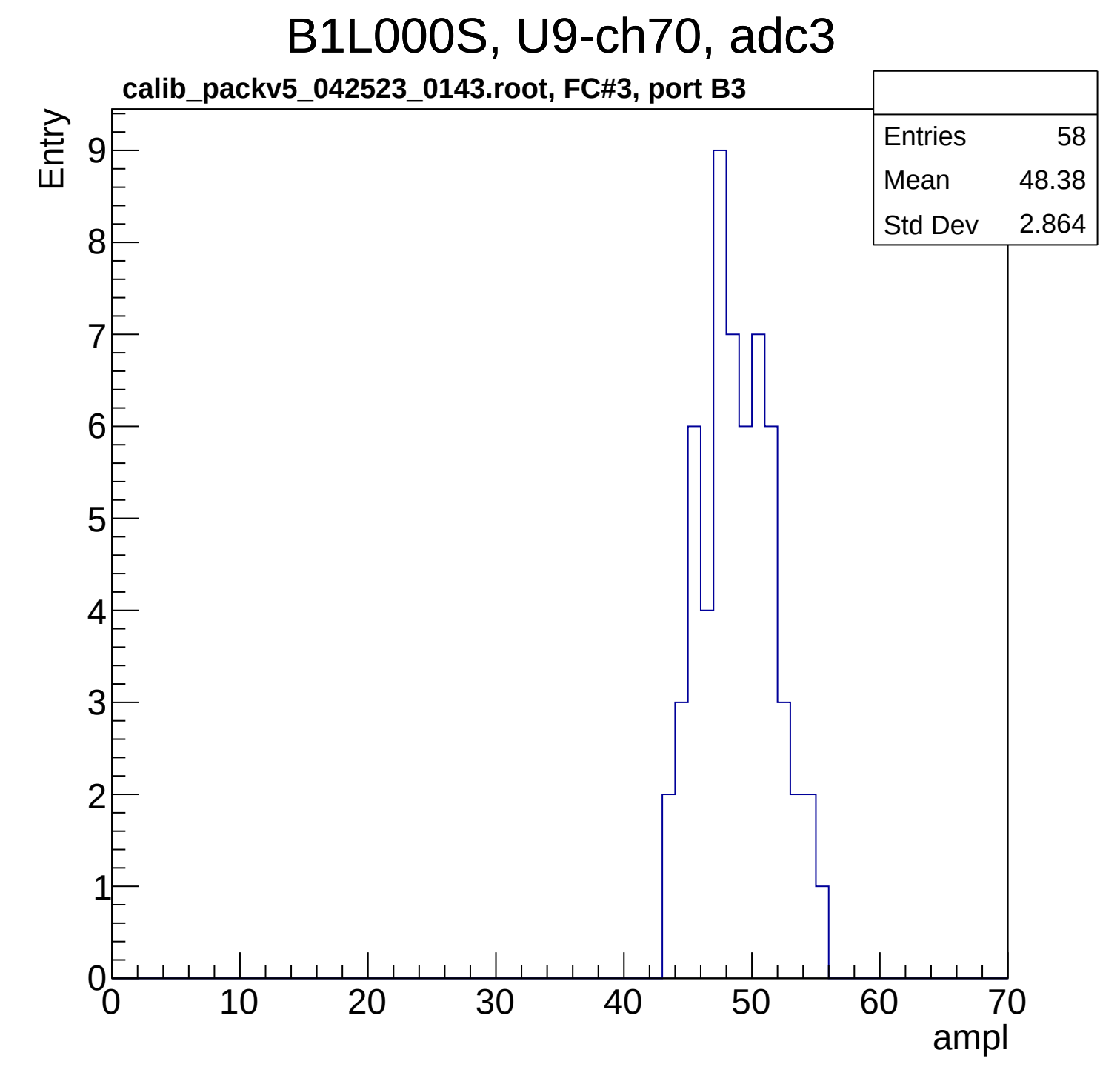
B1L000S, U9-ch70, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.38
Std Dev 2.864
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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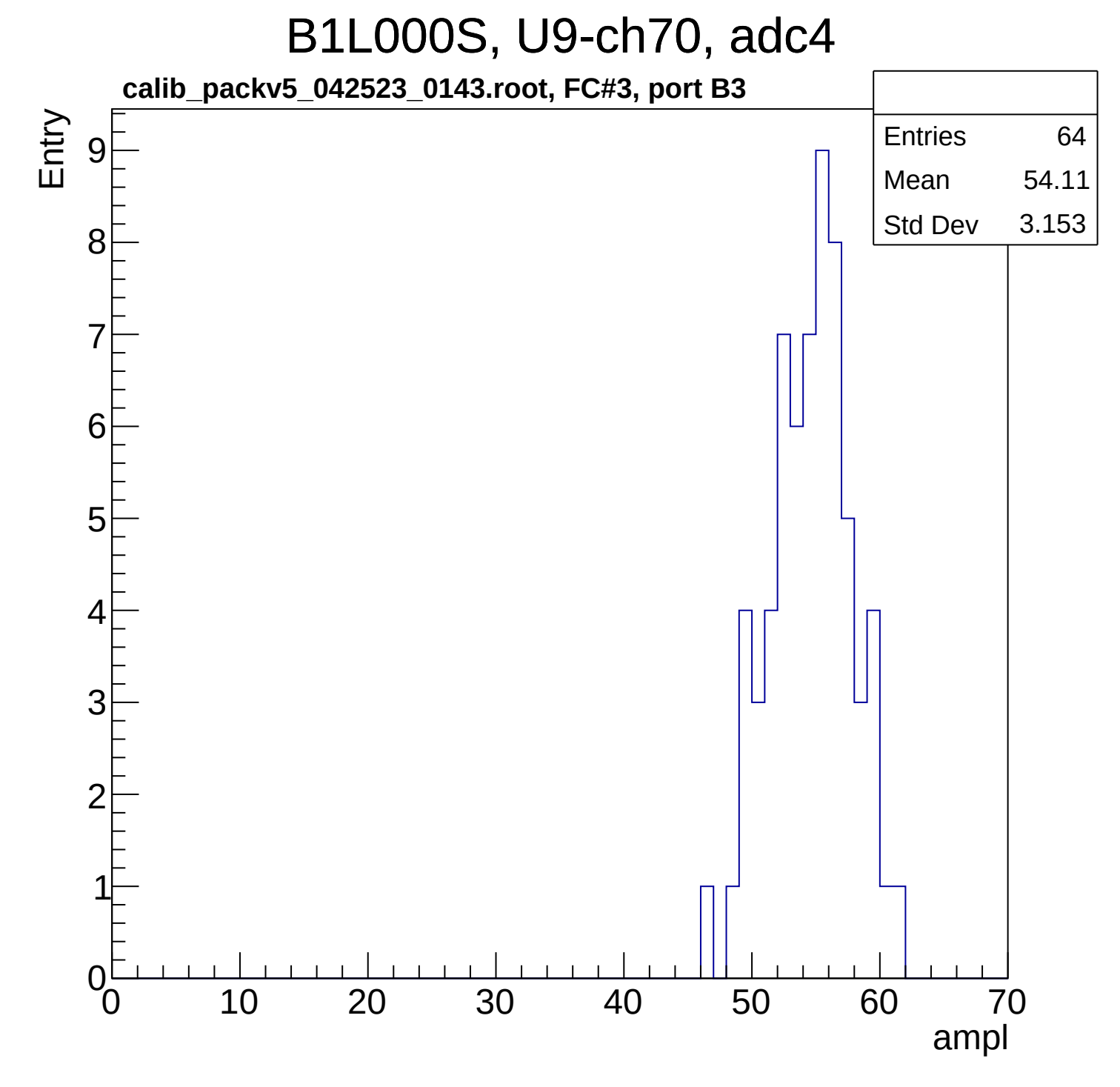
B1L000S, U9-ch70, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.11
Std Dev 3.153
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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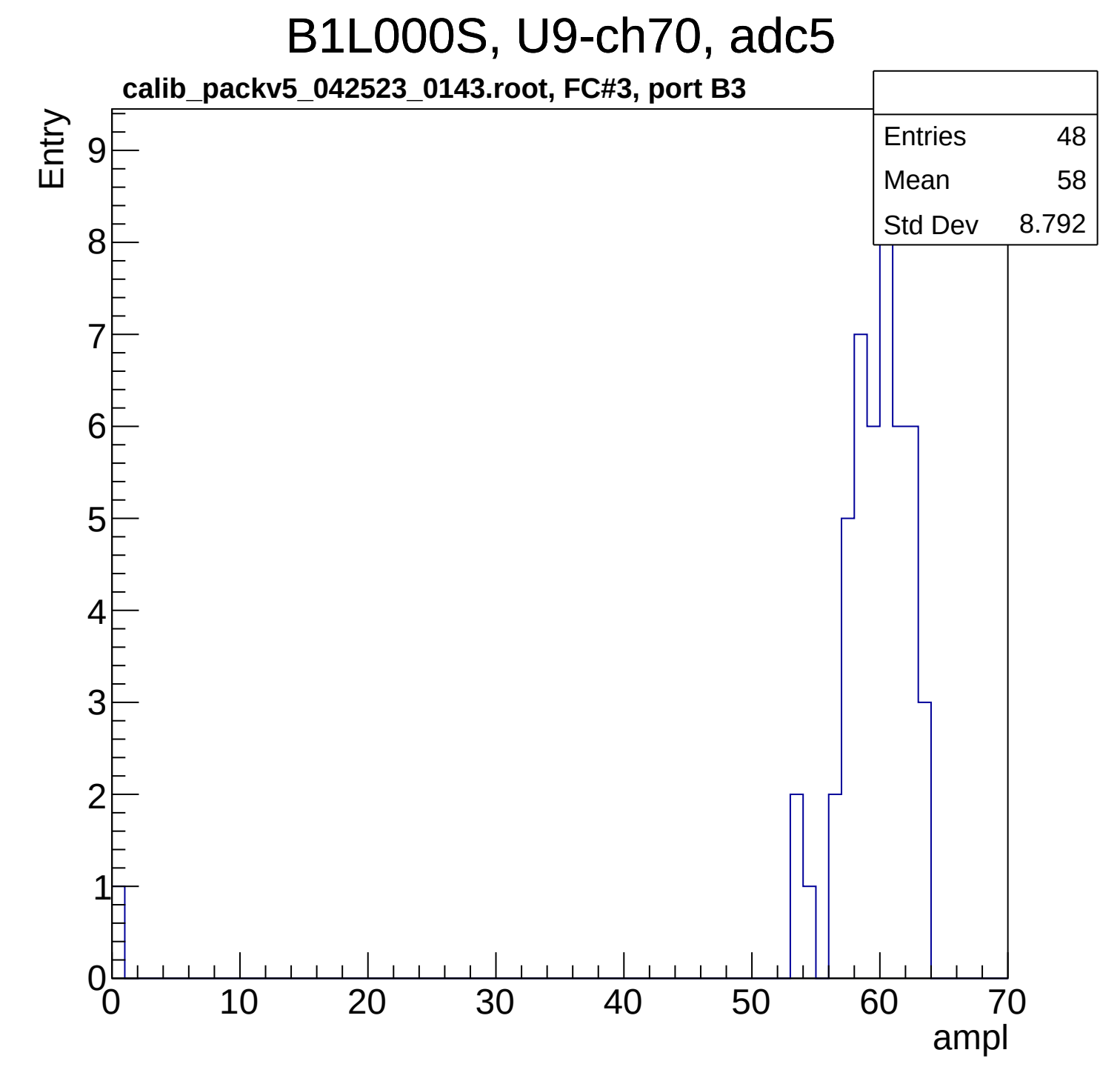
B1L000S, U9-ch70, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58
Std Dev 8.792
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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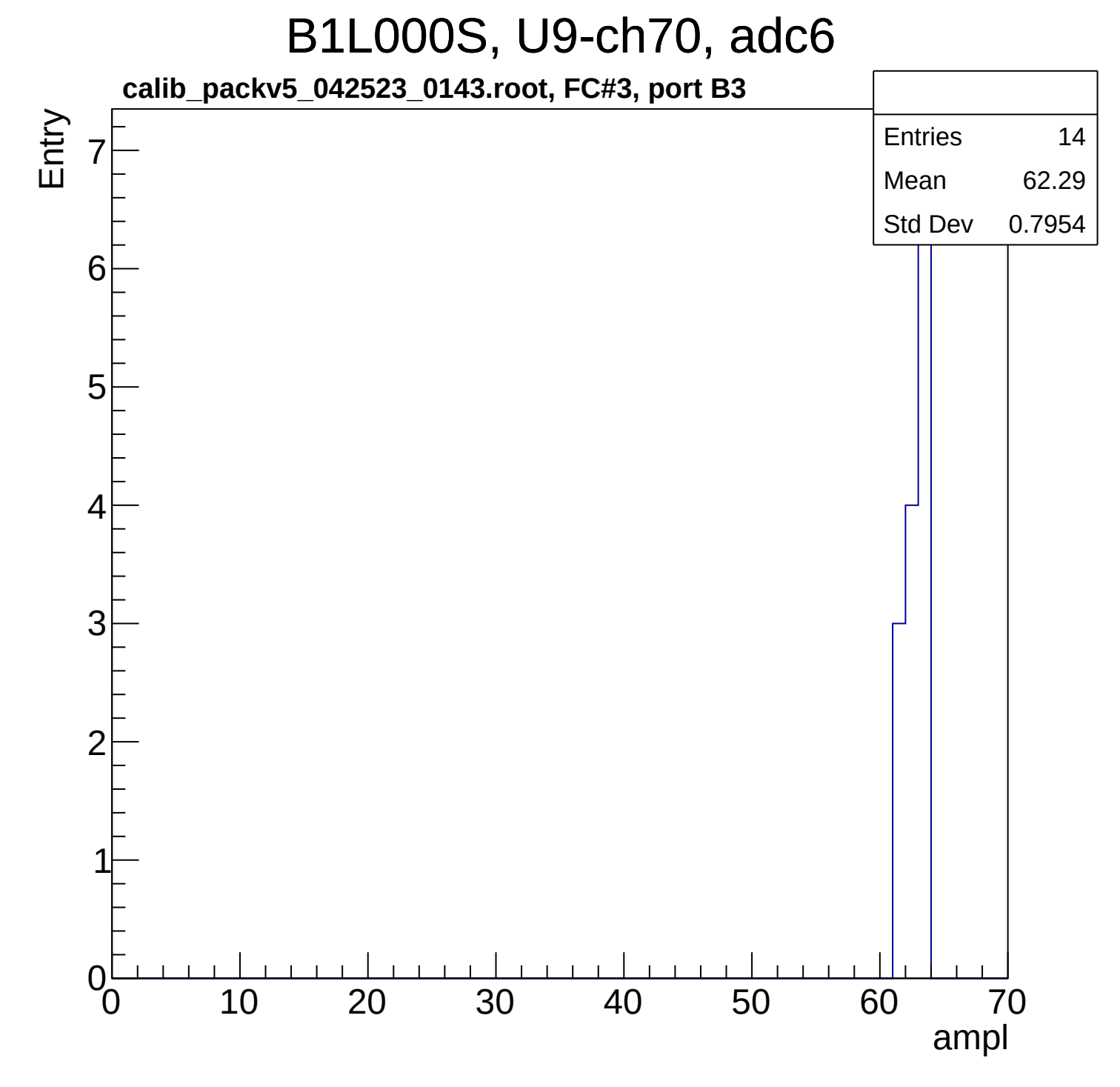
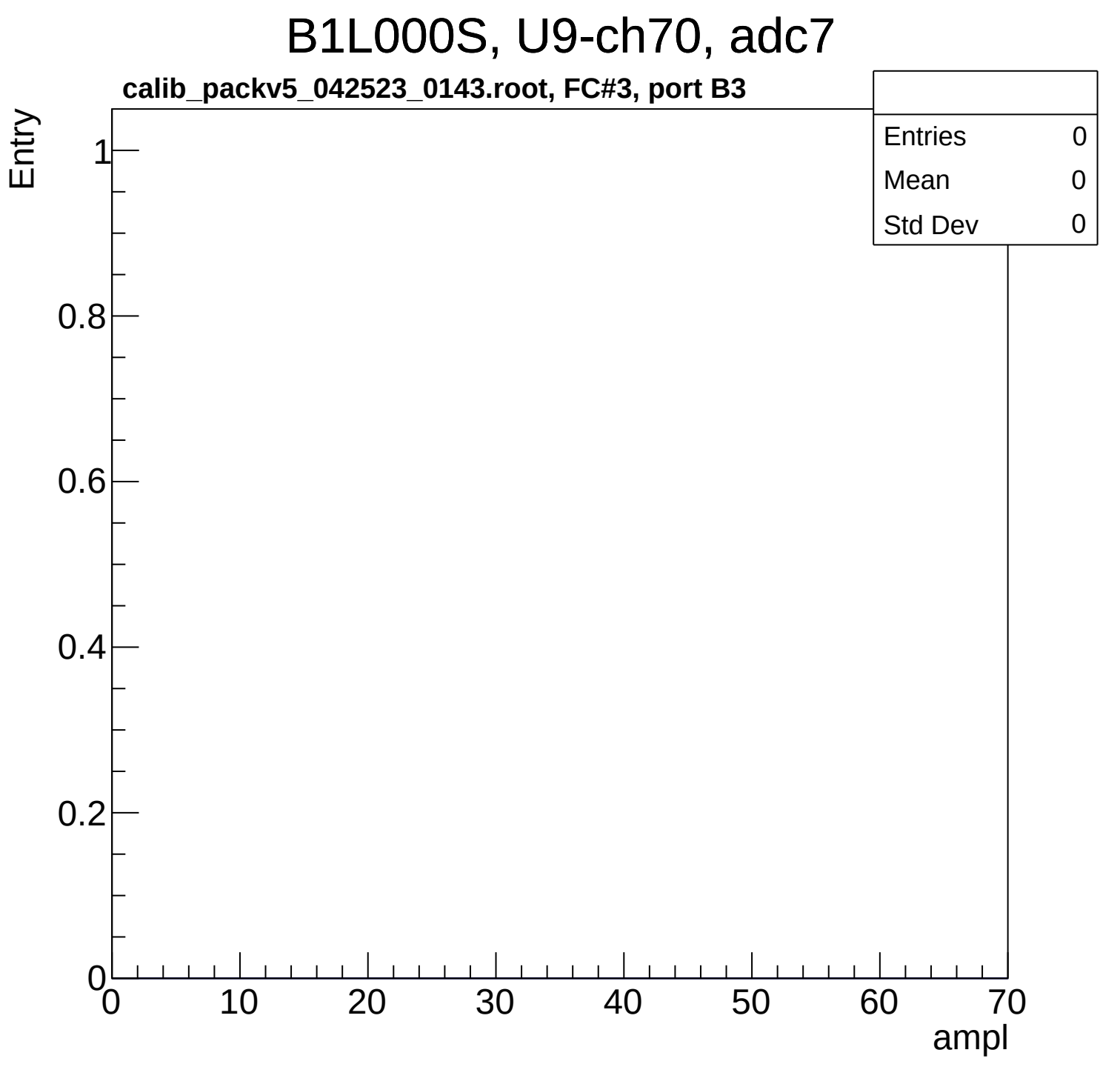

B1L000S, U9-ch70, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 62.29
Std Dev 0.7954
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch70, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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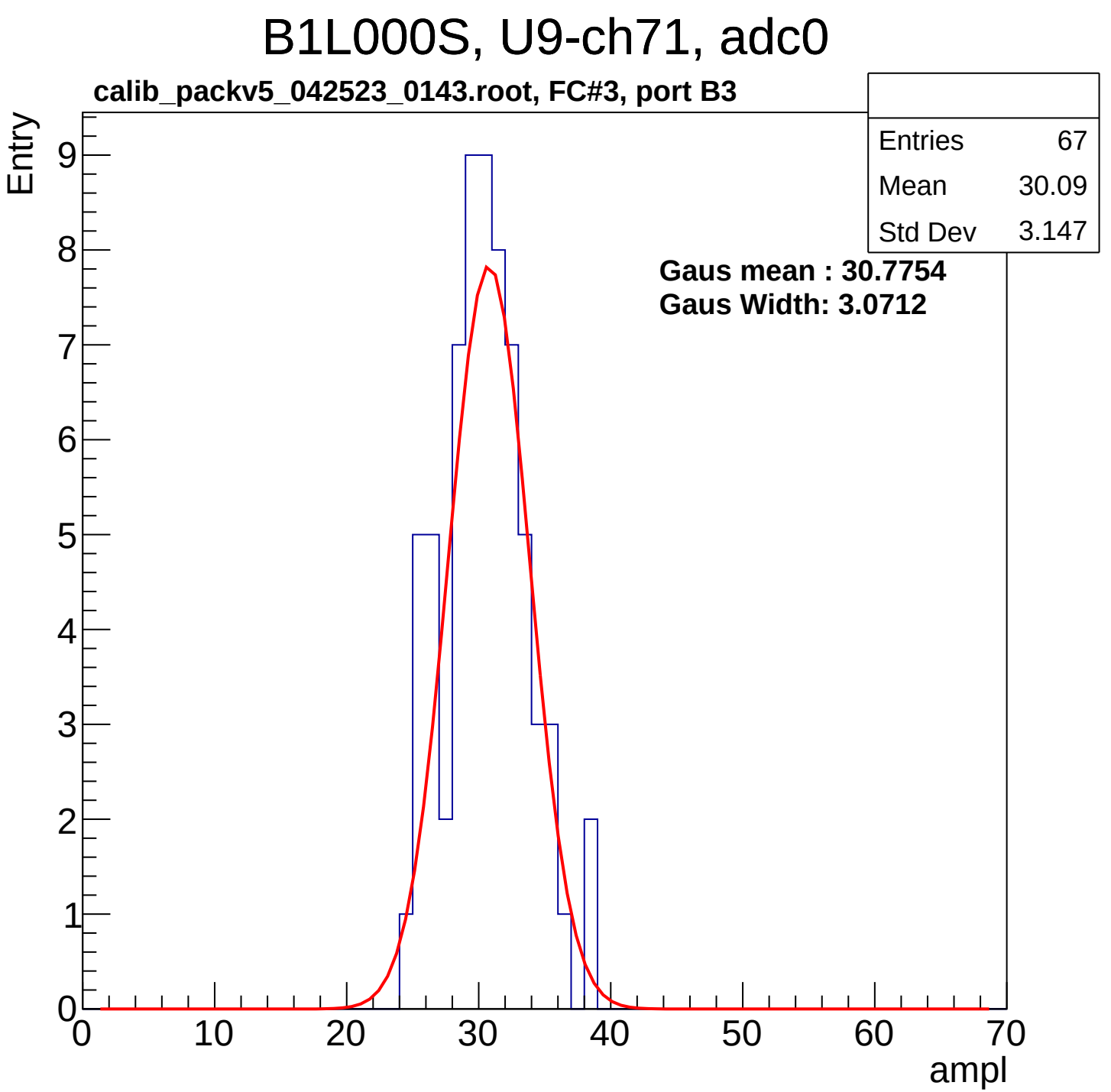
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch71, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 30.09
Std Dev 3.147
Gaus mean : 30.7754
Gaus Width: 3.0712
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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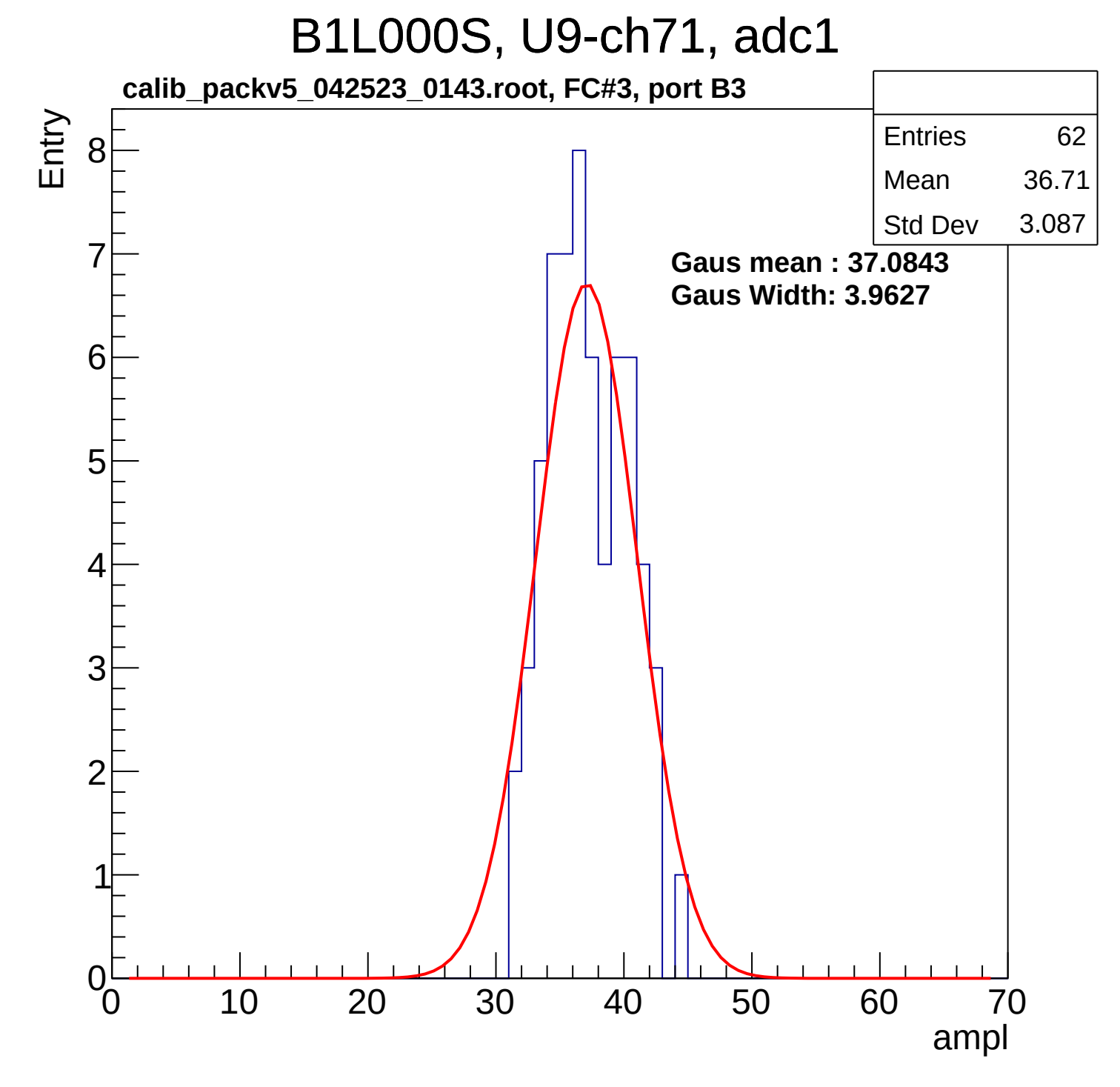
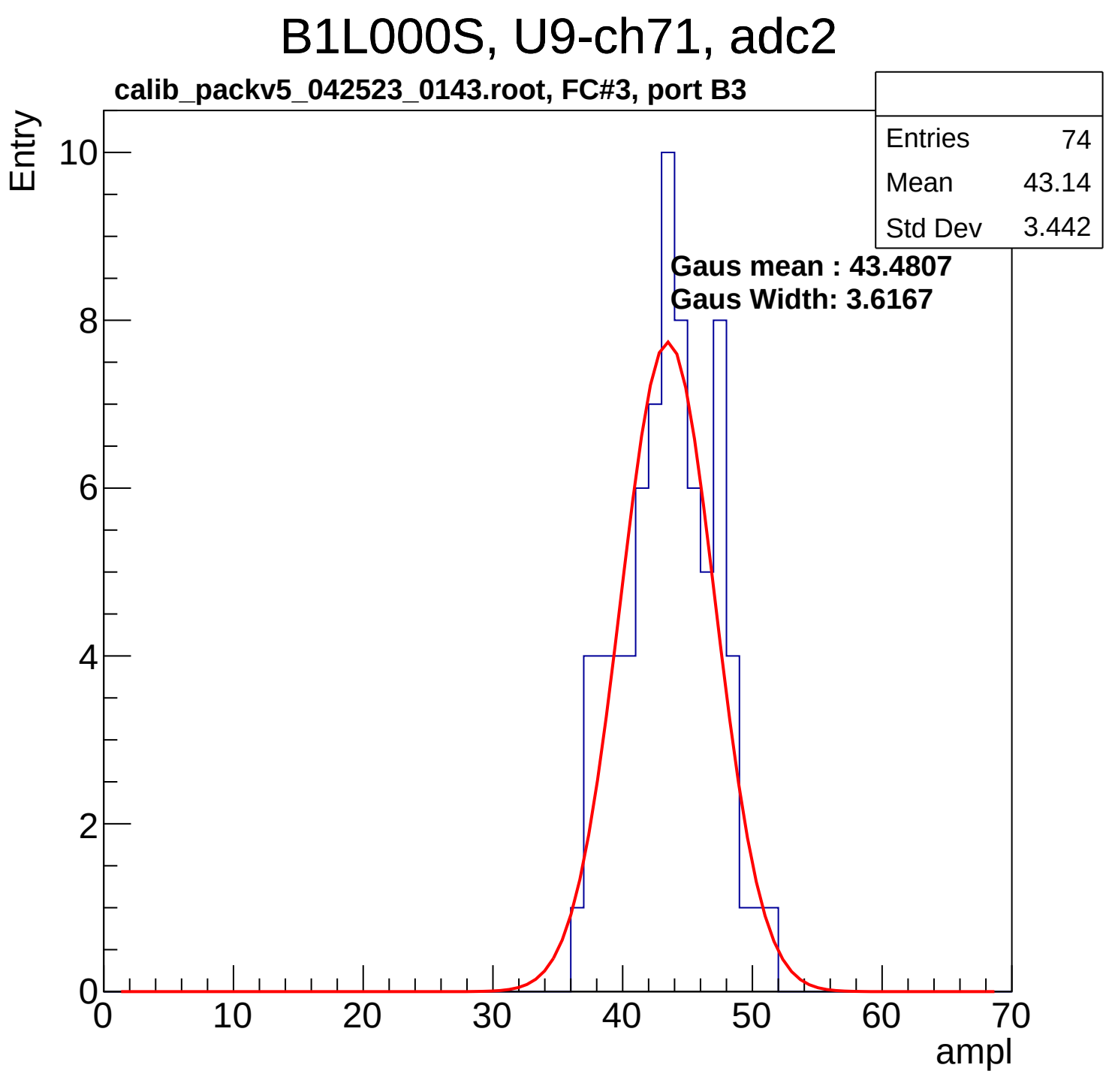
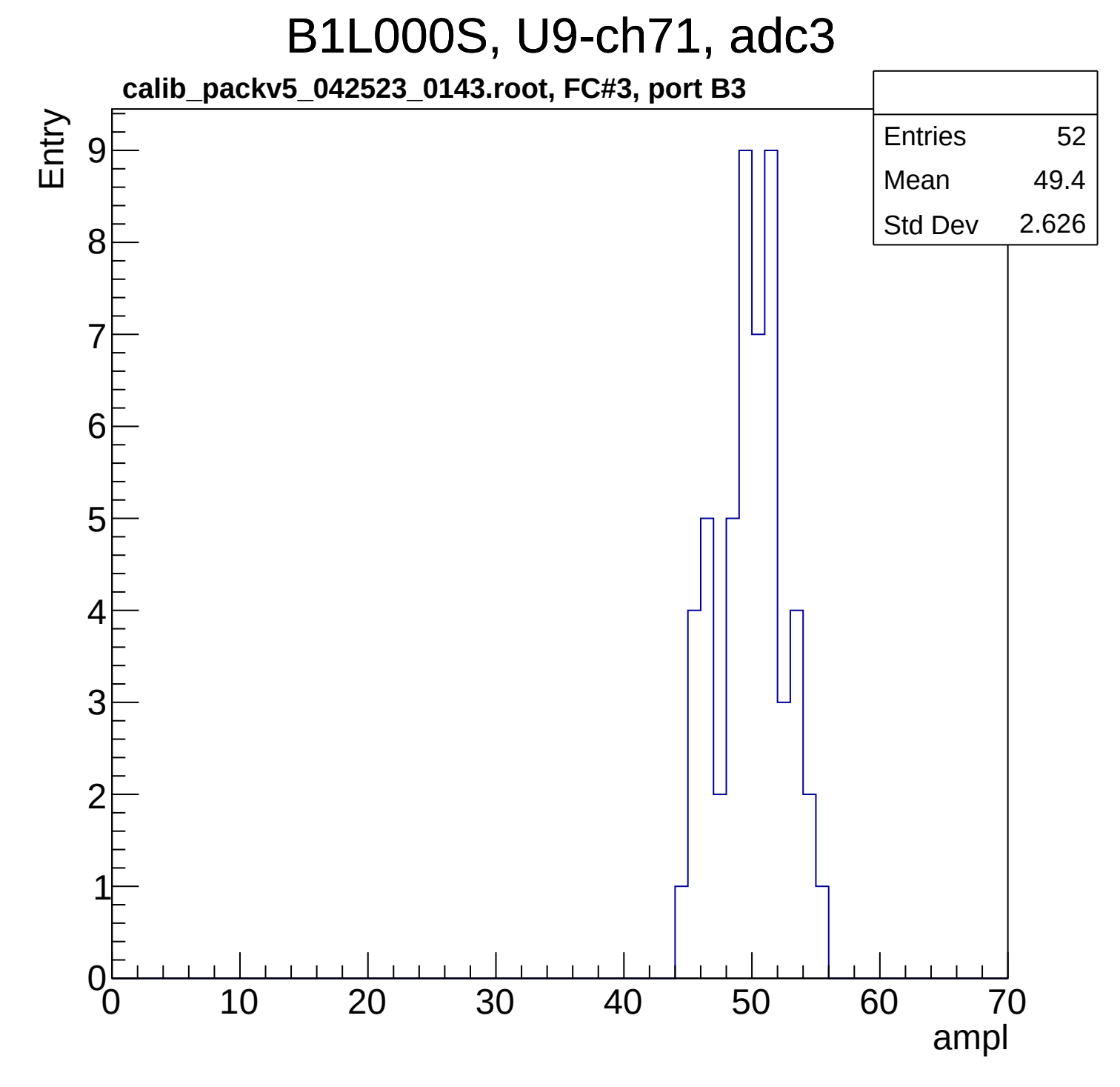

B1L000S, U9-ch71, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.71
Std Dev 3.087
Gaus mean : 37.0843
Gaus Width: 3.9627
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch71, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 43.14
Std Dev 3.442
Gaus mean : 43.4807
Gaus Width: 3.6167
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch71, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 49.4
Std Dev 2.626
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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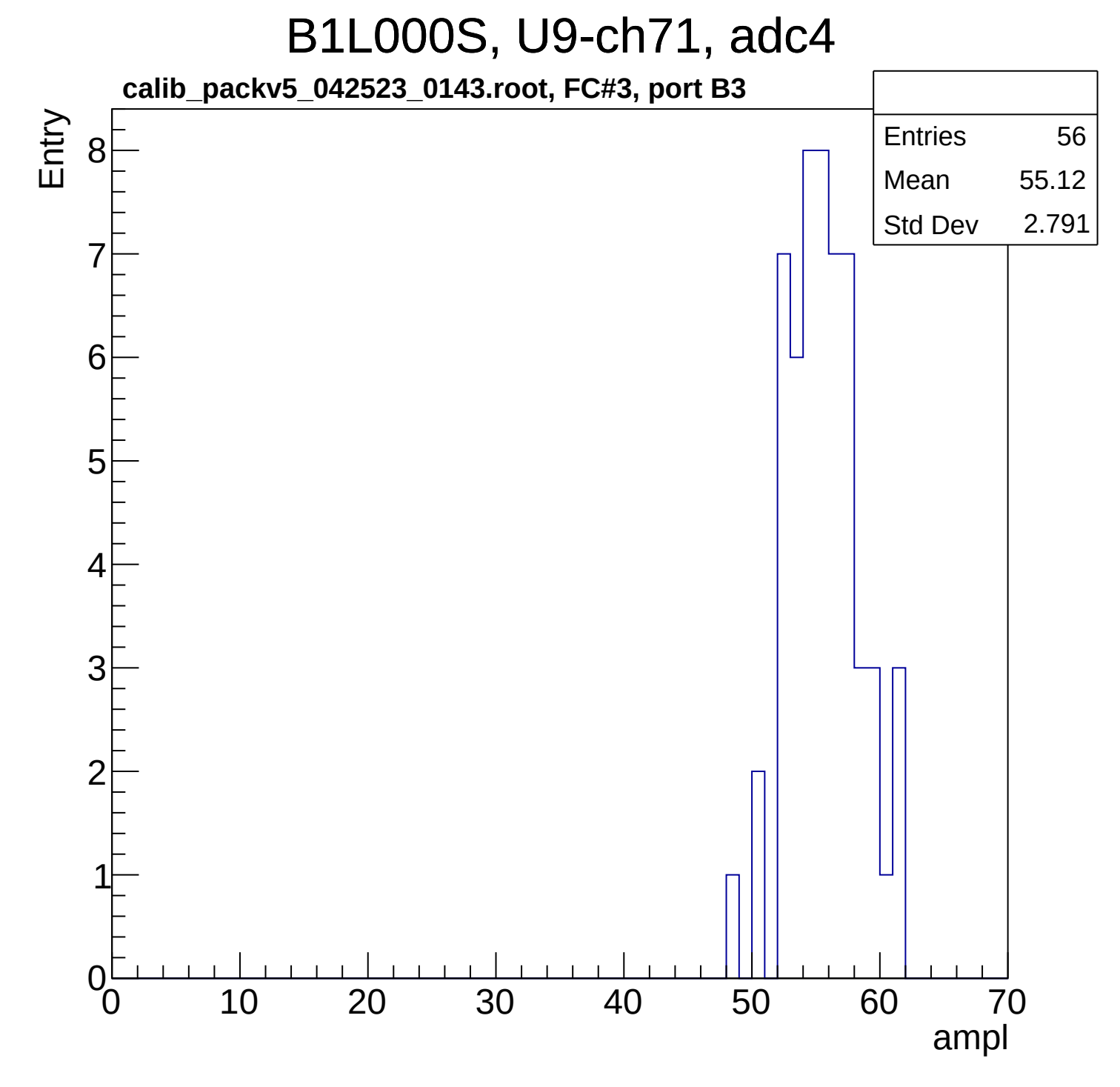
B1L000S, U9-ch71, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 55.12
Std Dev 2.791
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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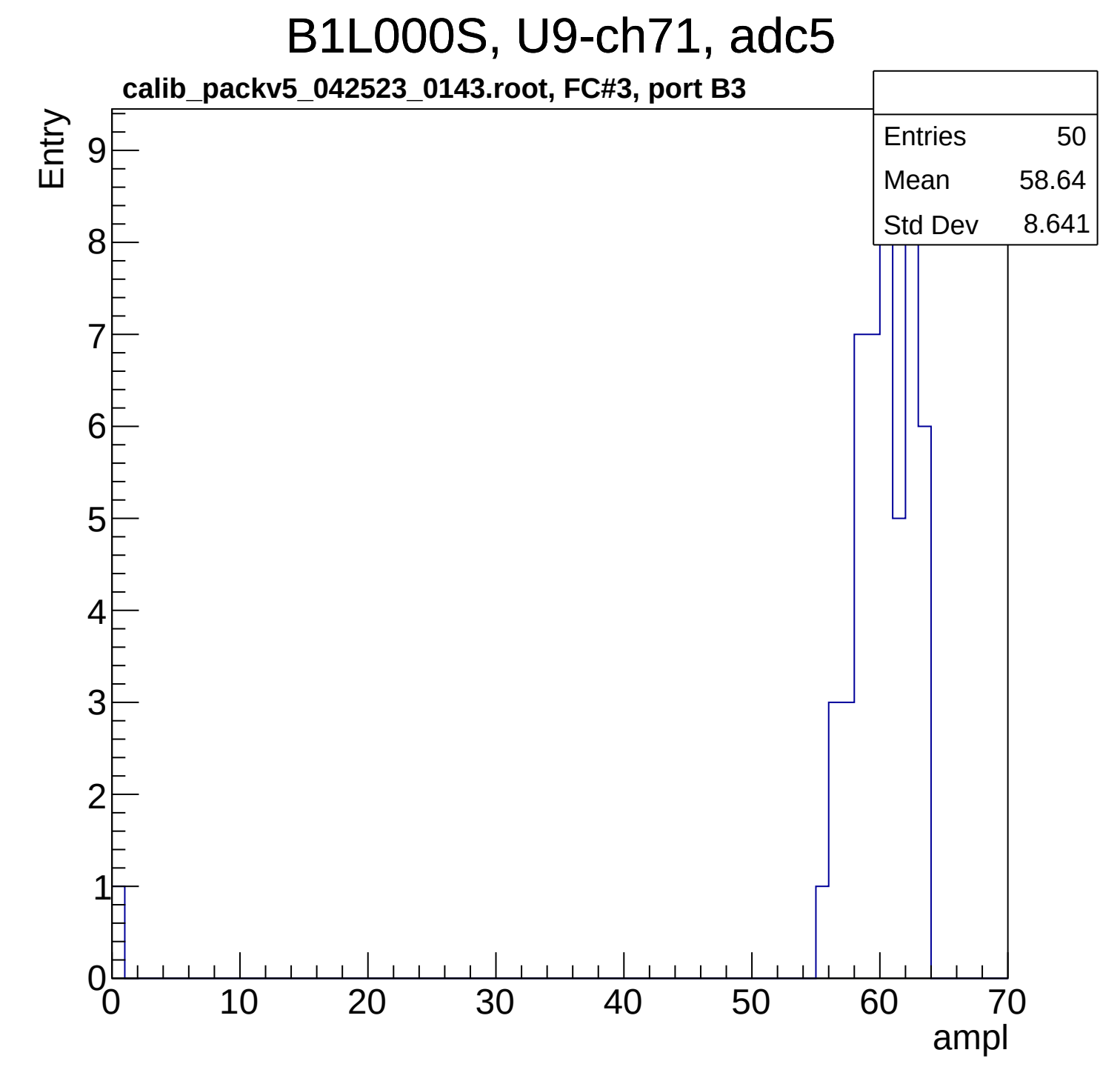
B1L000S, U9-ch71, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.64
Std Dev 8.641
Entry
ampl
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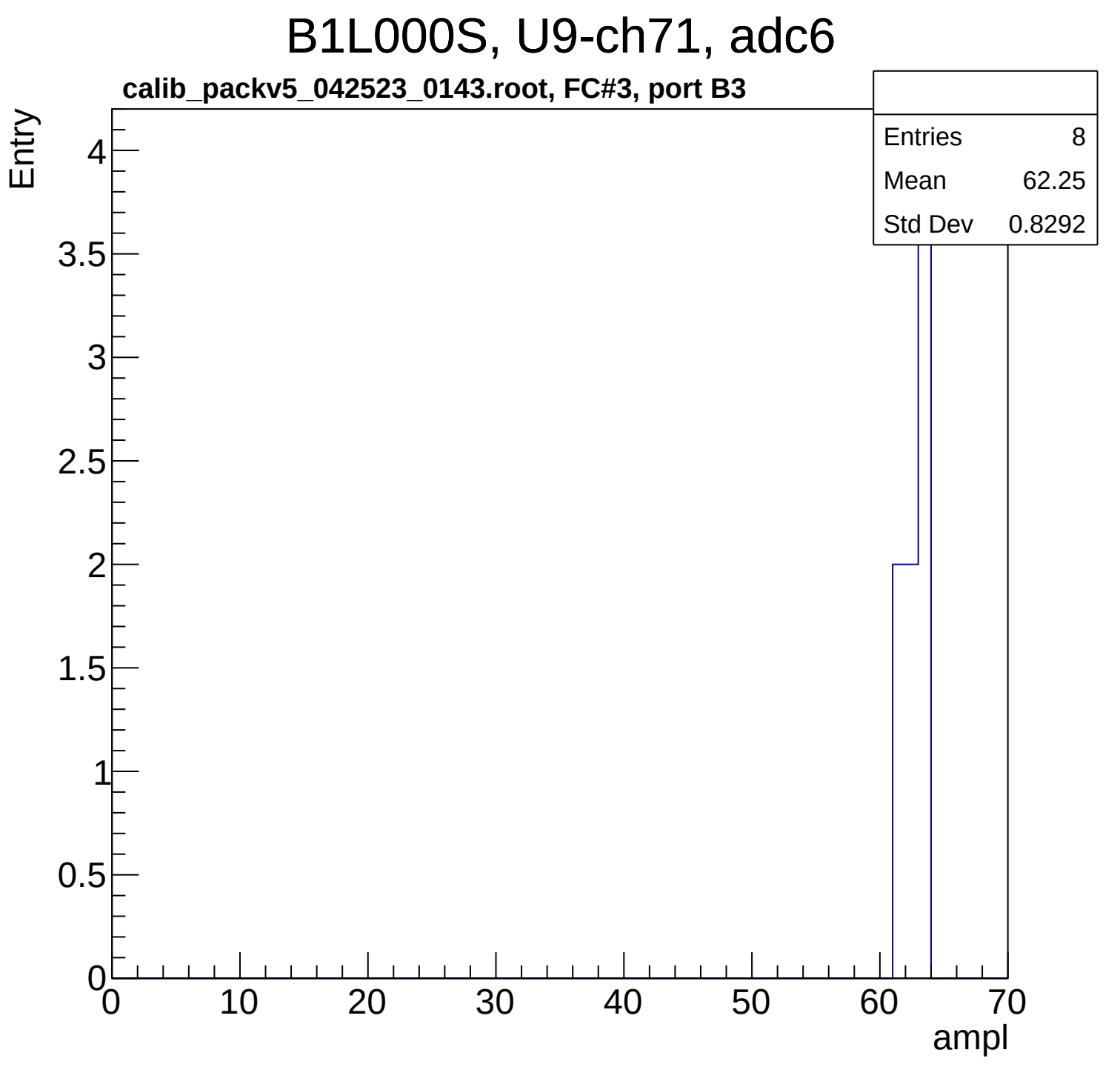
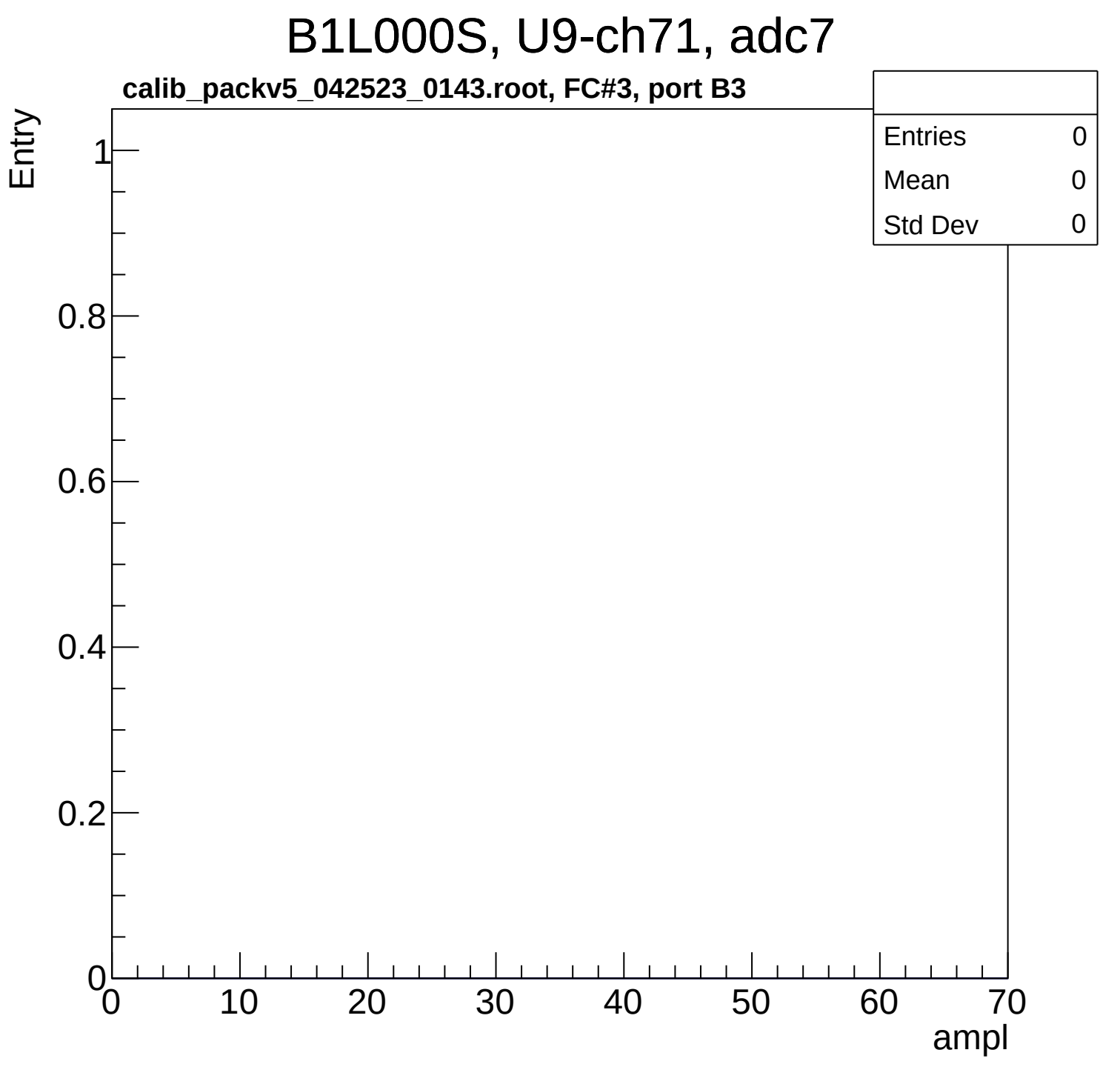
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch71, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U9-ch71, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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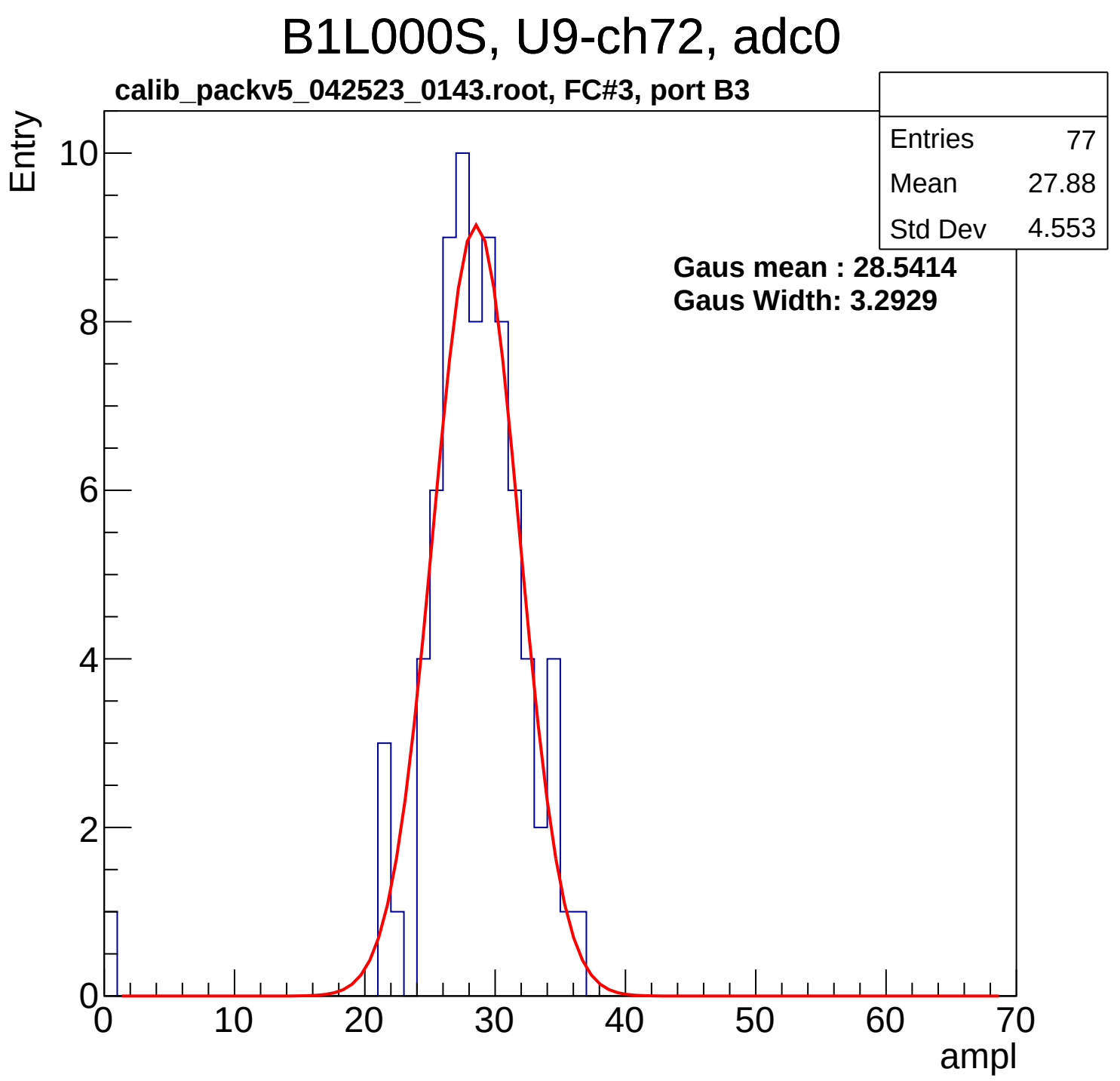
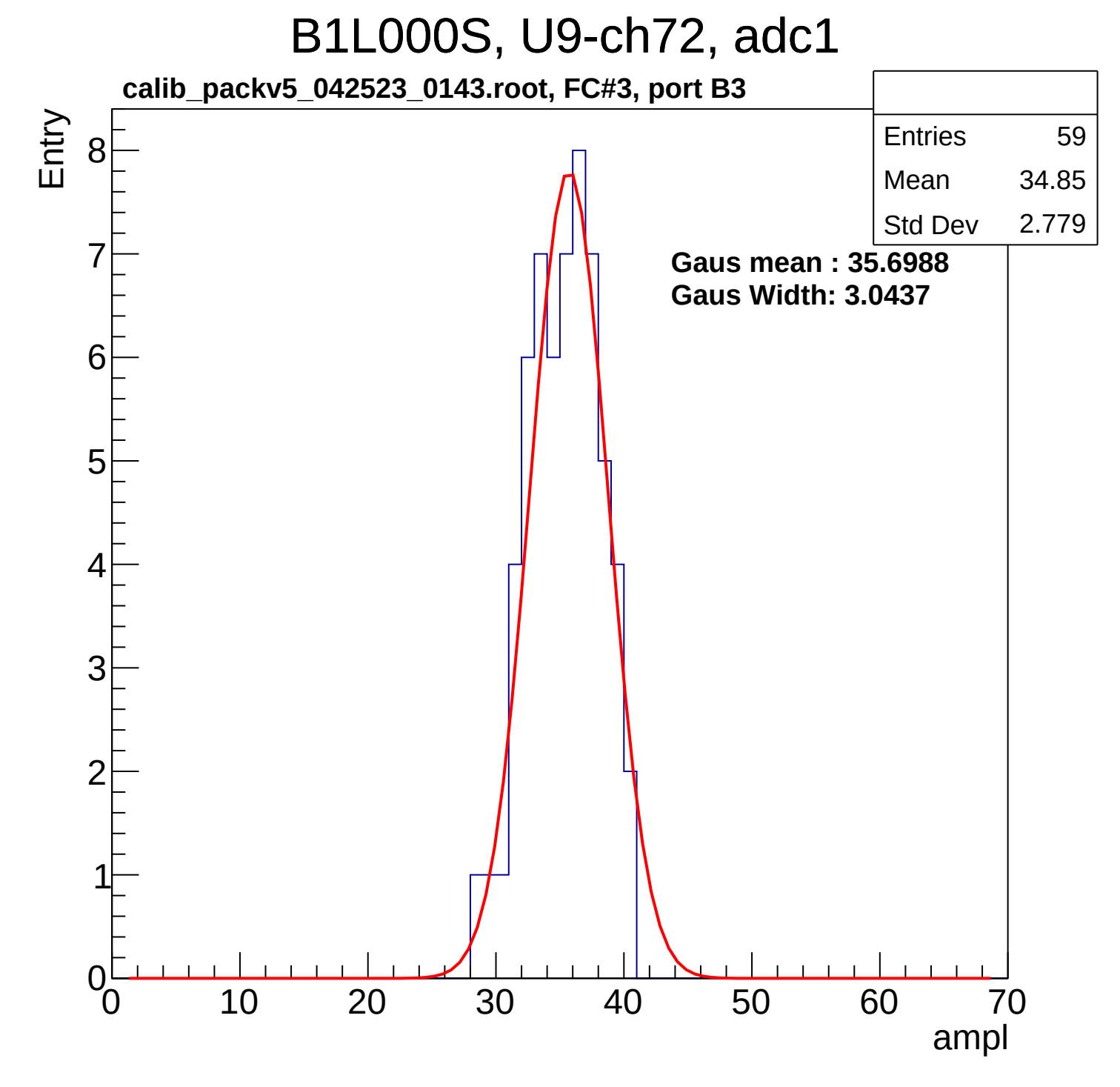
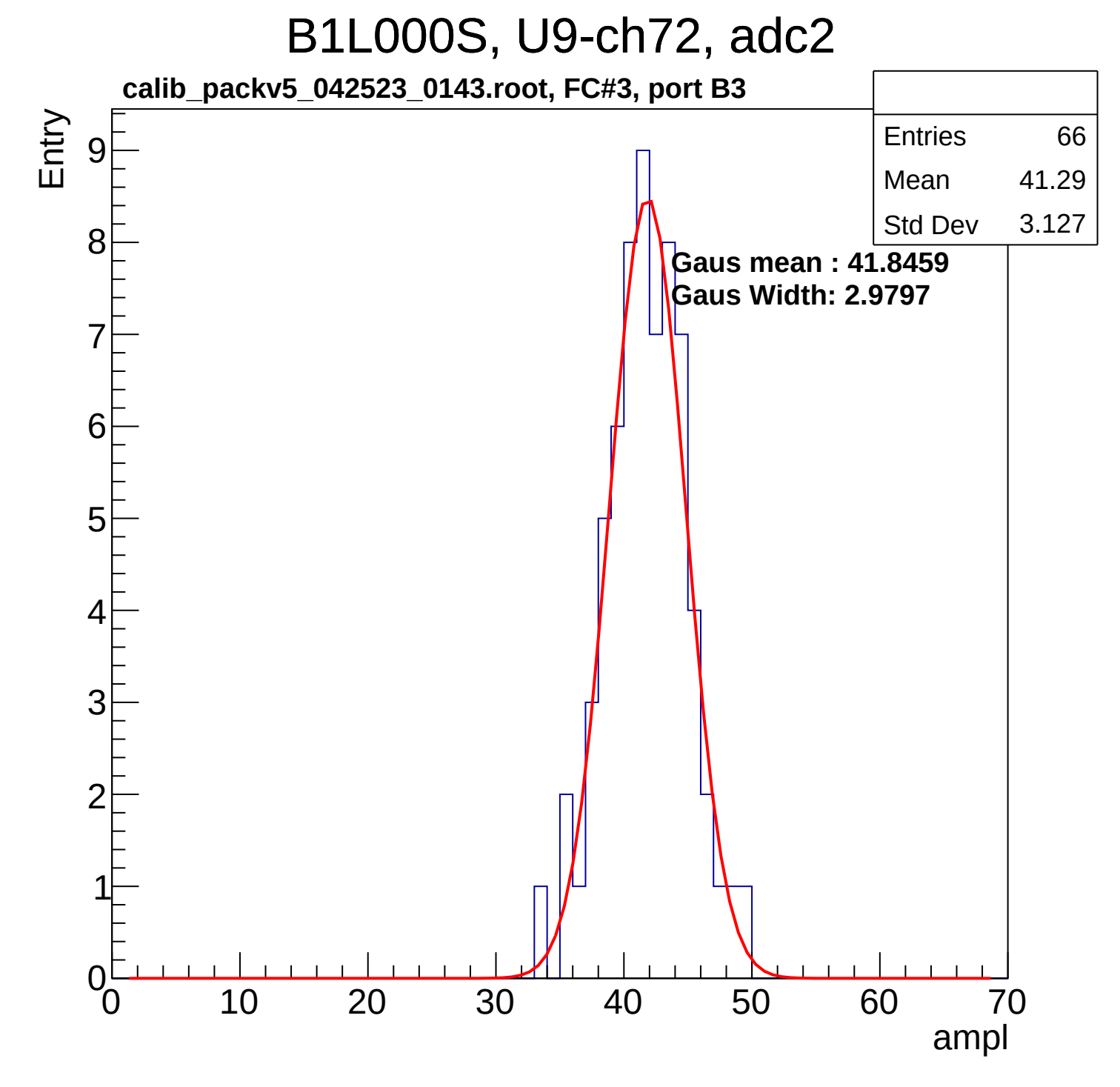
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch72, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 27.88
Std Dev 4.553
Gaus mean : 28.5414
Gaus Width: 3.2929
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch72, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 34.85
Std Dev 2.779
Gaus mean : 35.6988
Gaus Width: 3.0437
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch72, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 41.29
Std Dev 3.127
Gaus mean : 41.8459
Gaus Width: 2.9797
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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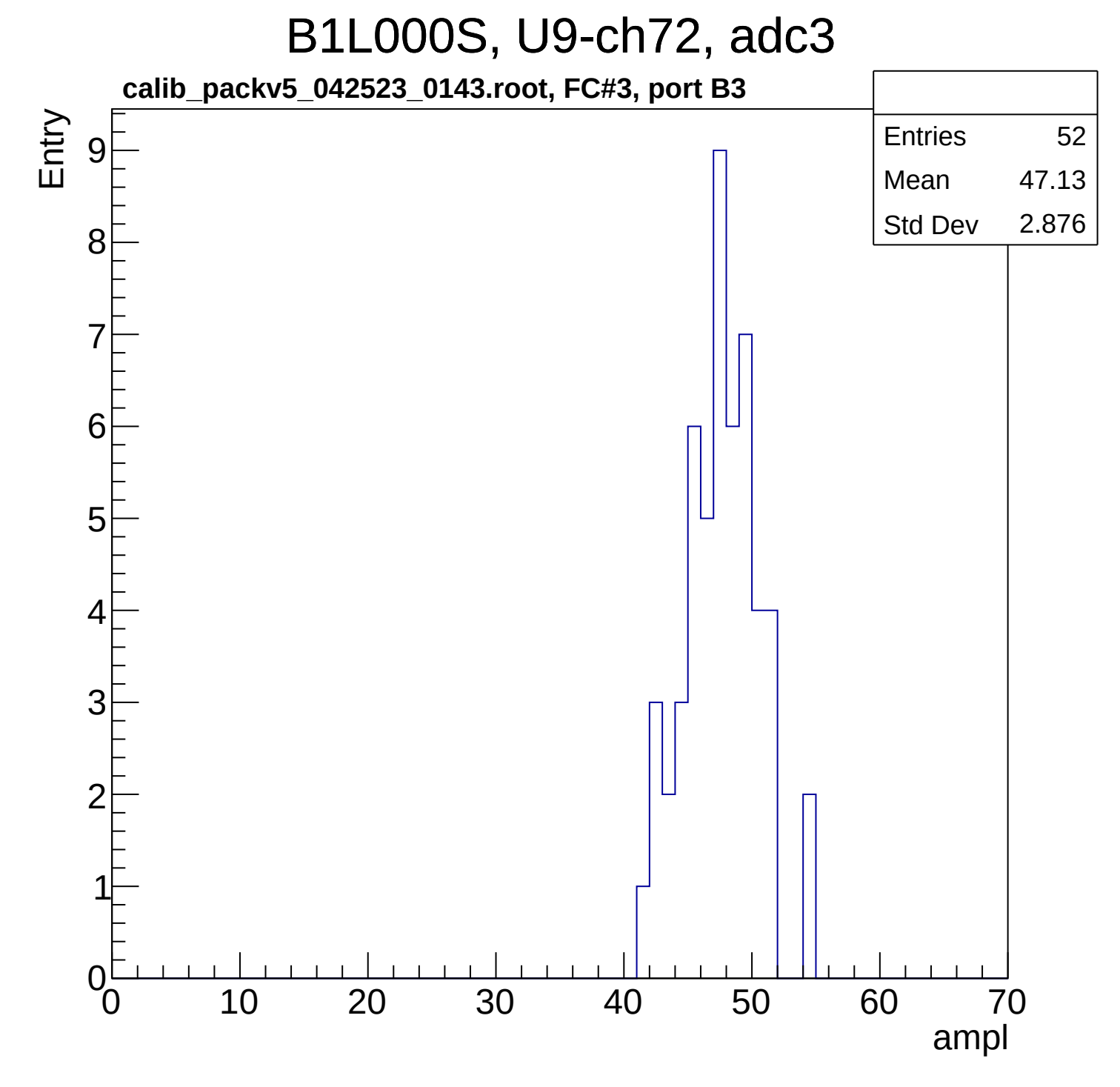
40
50
60
70


B1L000S, U9-ch72, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.13
Std Dev 2.876
Entry
ampl
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3
4
5
6
7
8
9
0
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40
50
60
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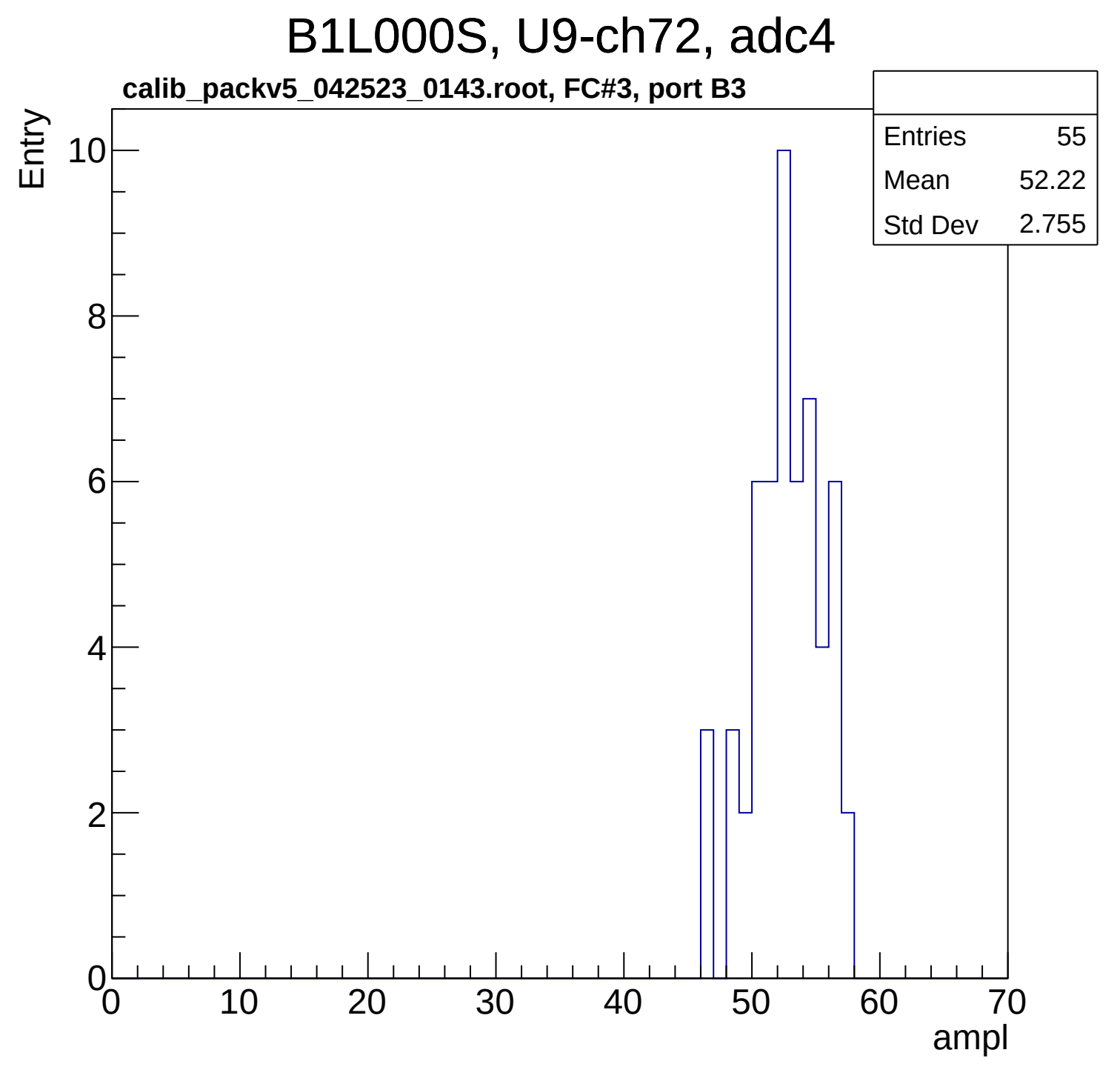
B1L000S, U9-ch72, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 52.22
Std Dev 2.755
Entry
ampl
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2
4
6
8
10
0
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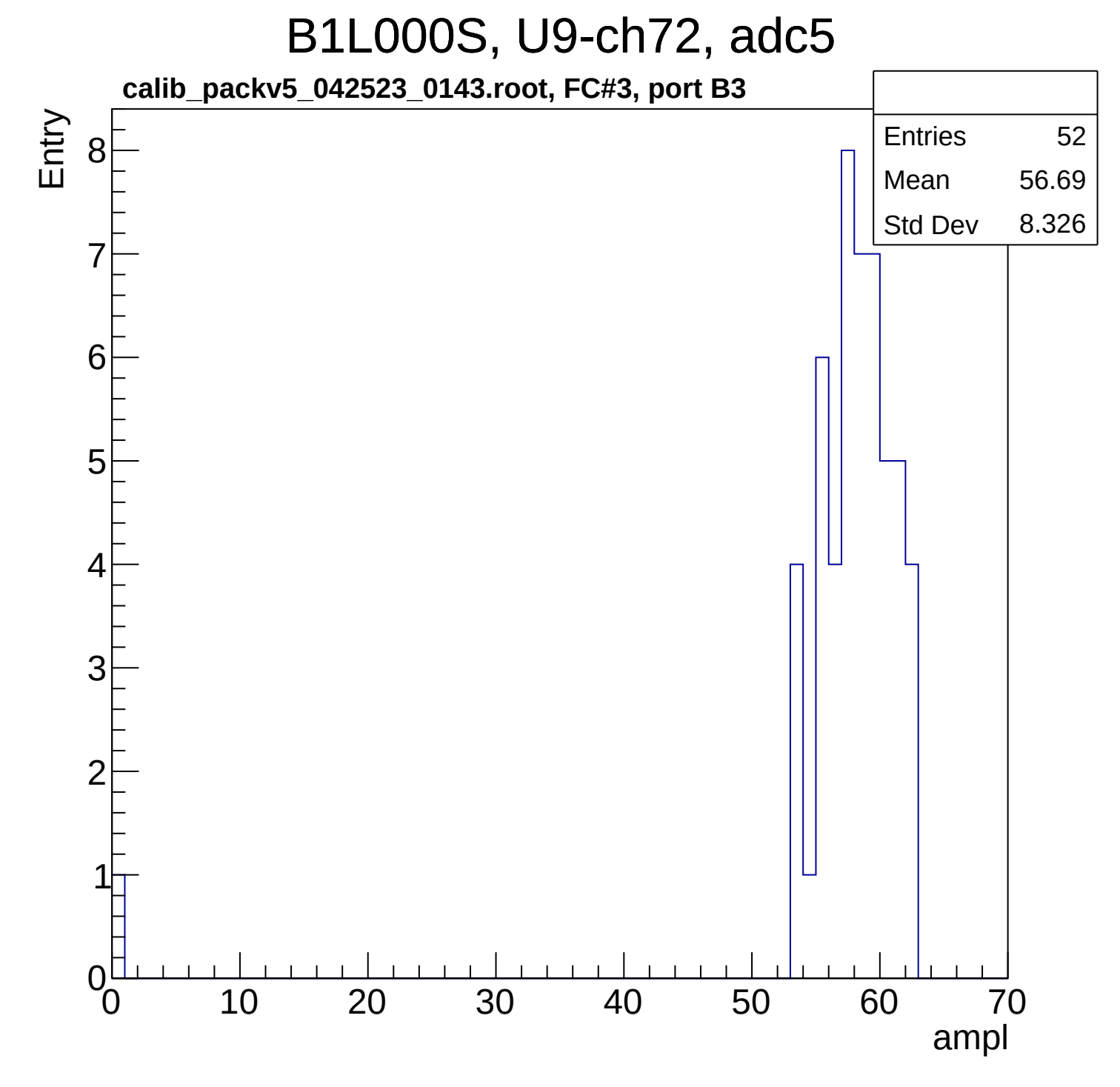
40
50
60
70


B1L000S, U9-ch72, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 56.69
Std Dev 8.326
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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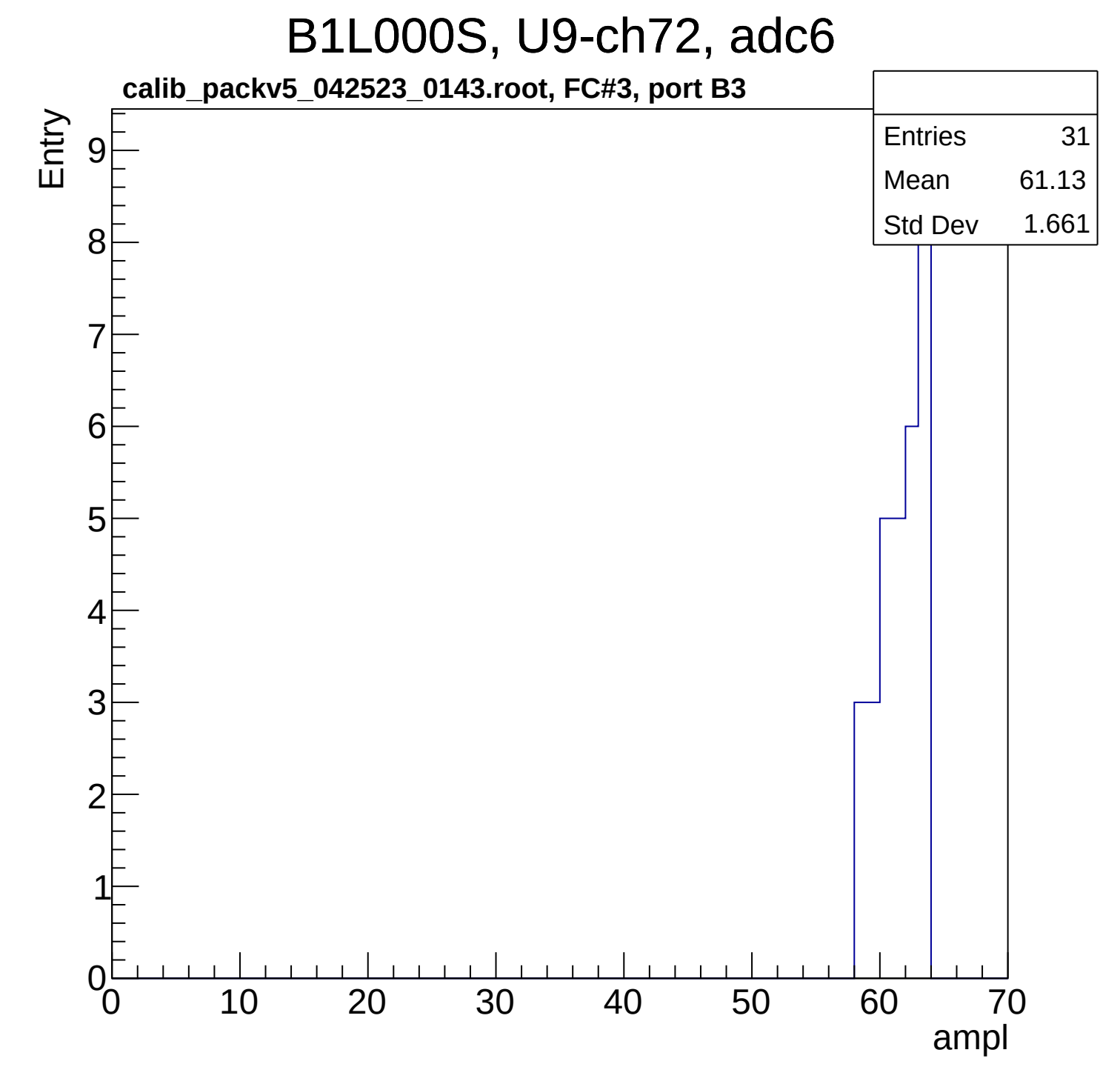
B1L000S, U9-ch72, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 31
Mean 61.13
Std Dev 1.661
Entry
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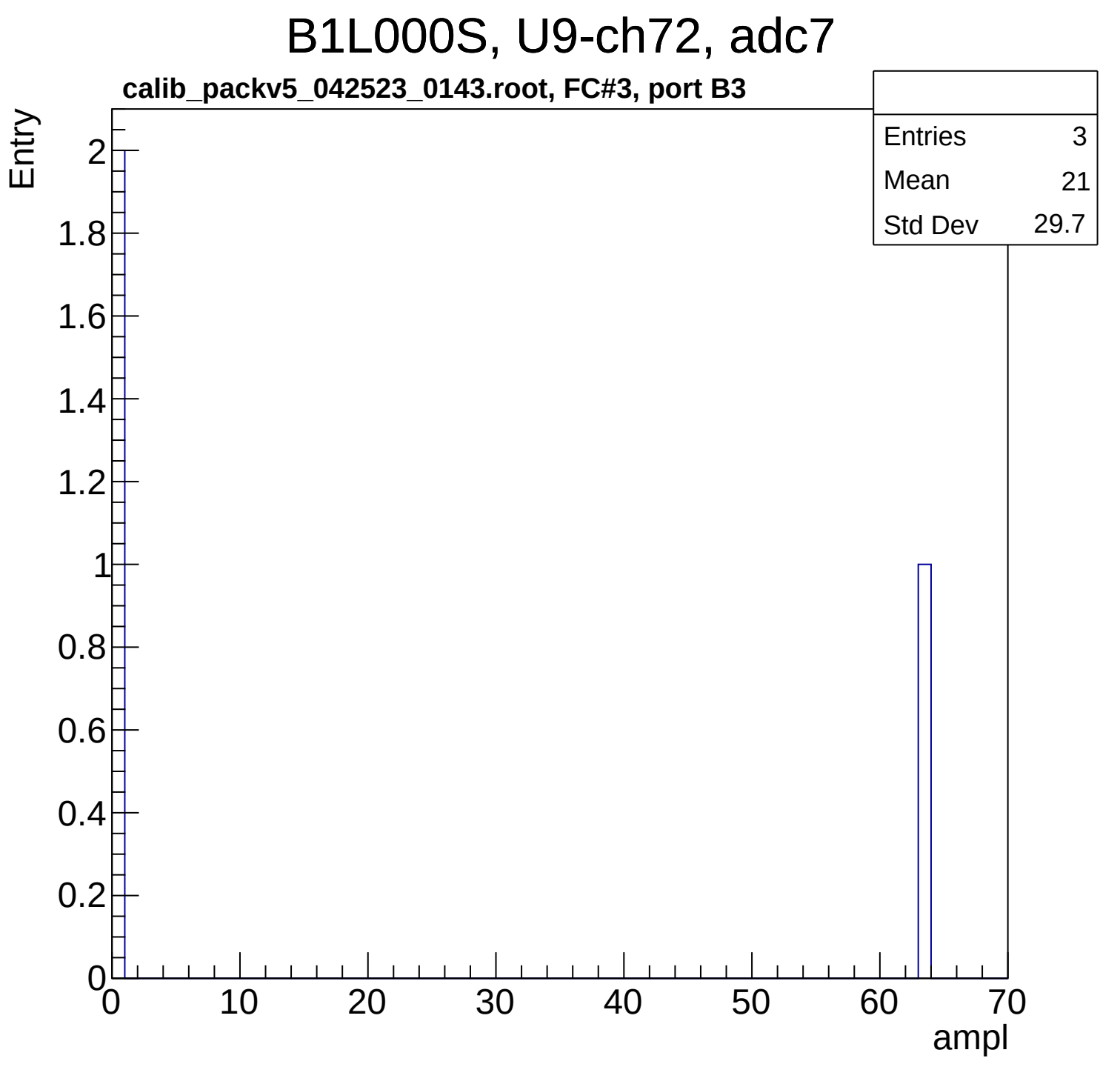
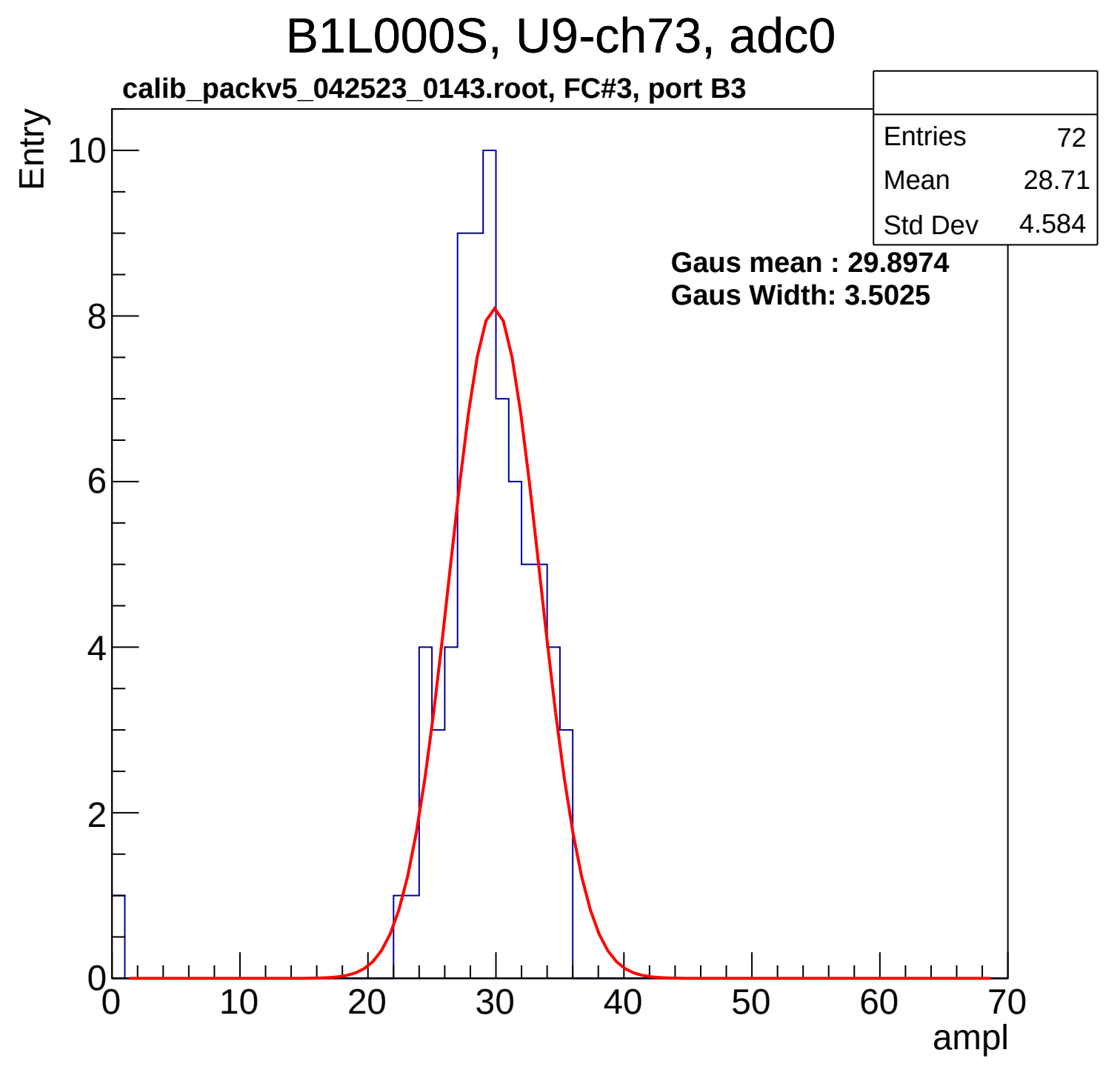
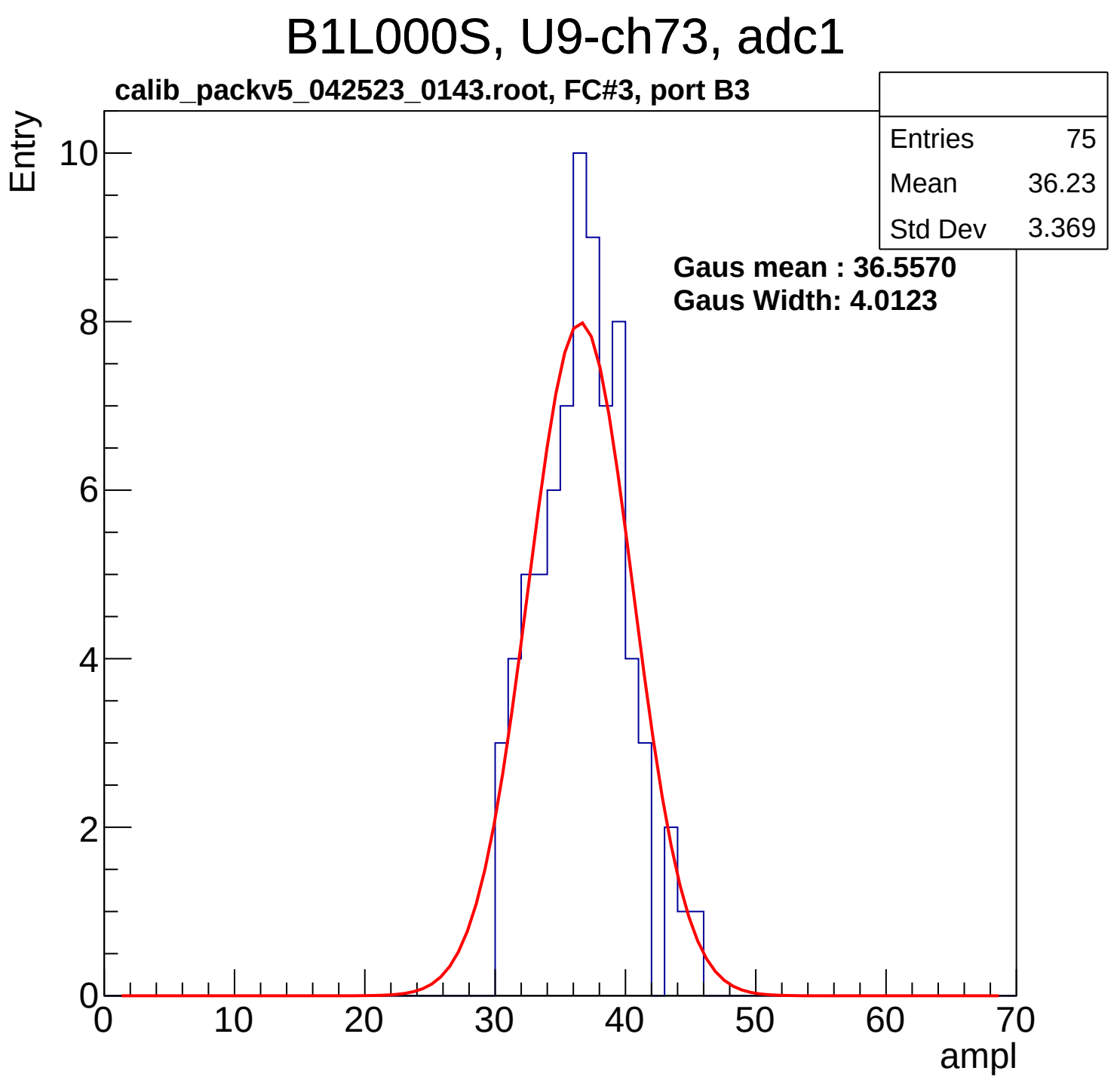
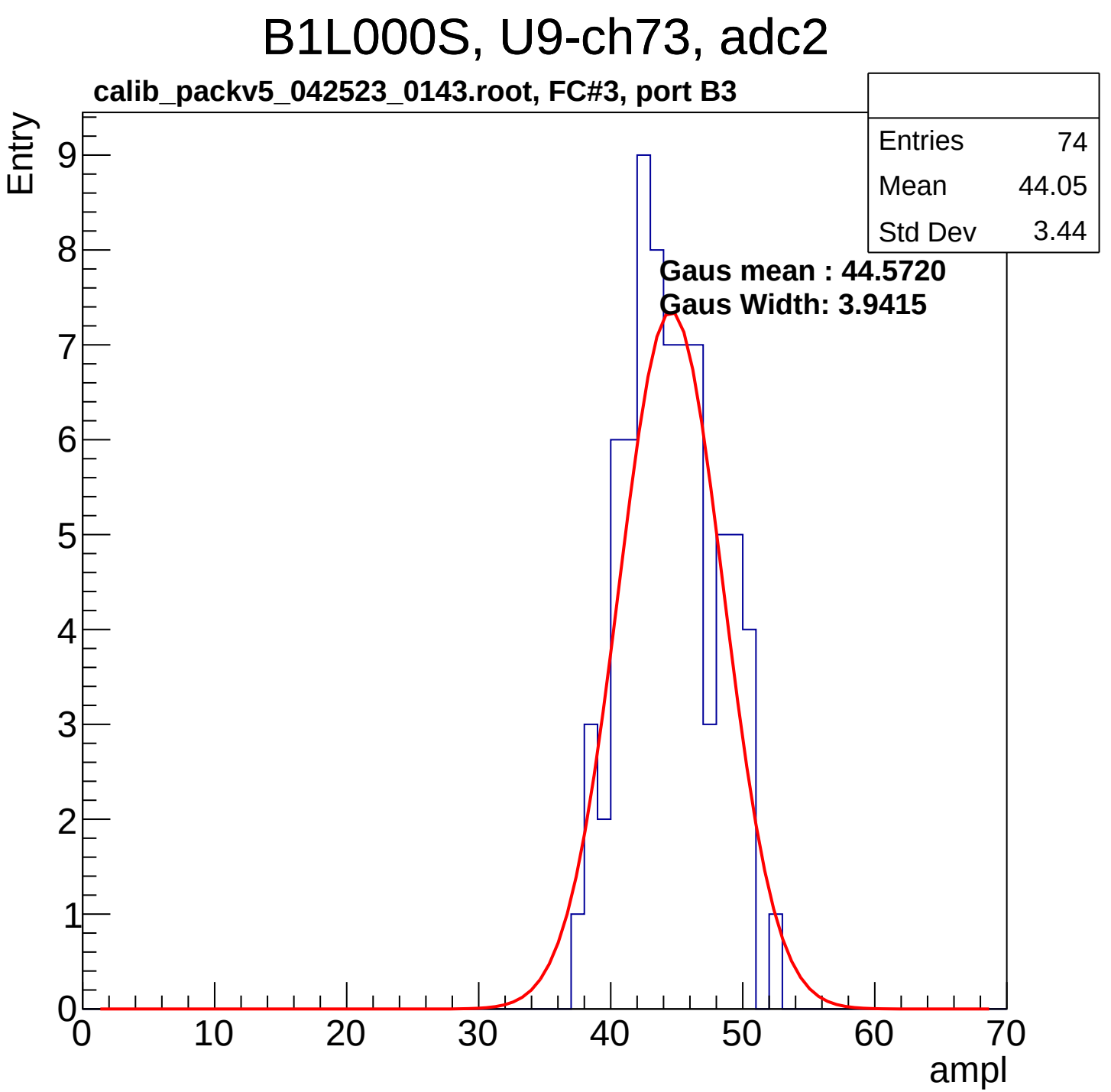
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch72, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch73, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.71
Std Dev 4.584
Gaus mean : 29.8974
Gaus Width: 3.5025
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch73, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 36.23
Std Dev 3.369
Gaus mean : 36.5570
Gaus Width: 4.0123
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch73, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 44.05
Std Dev 3.44
Gaus mean : 44.5720
Gaus Width: 3.9415
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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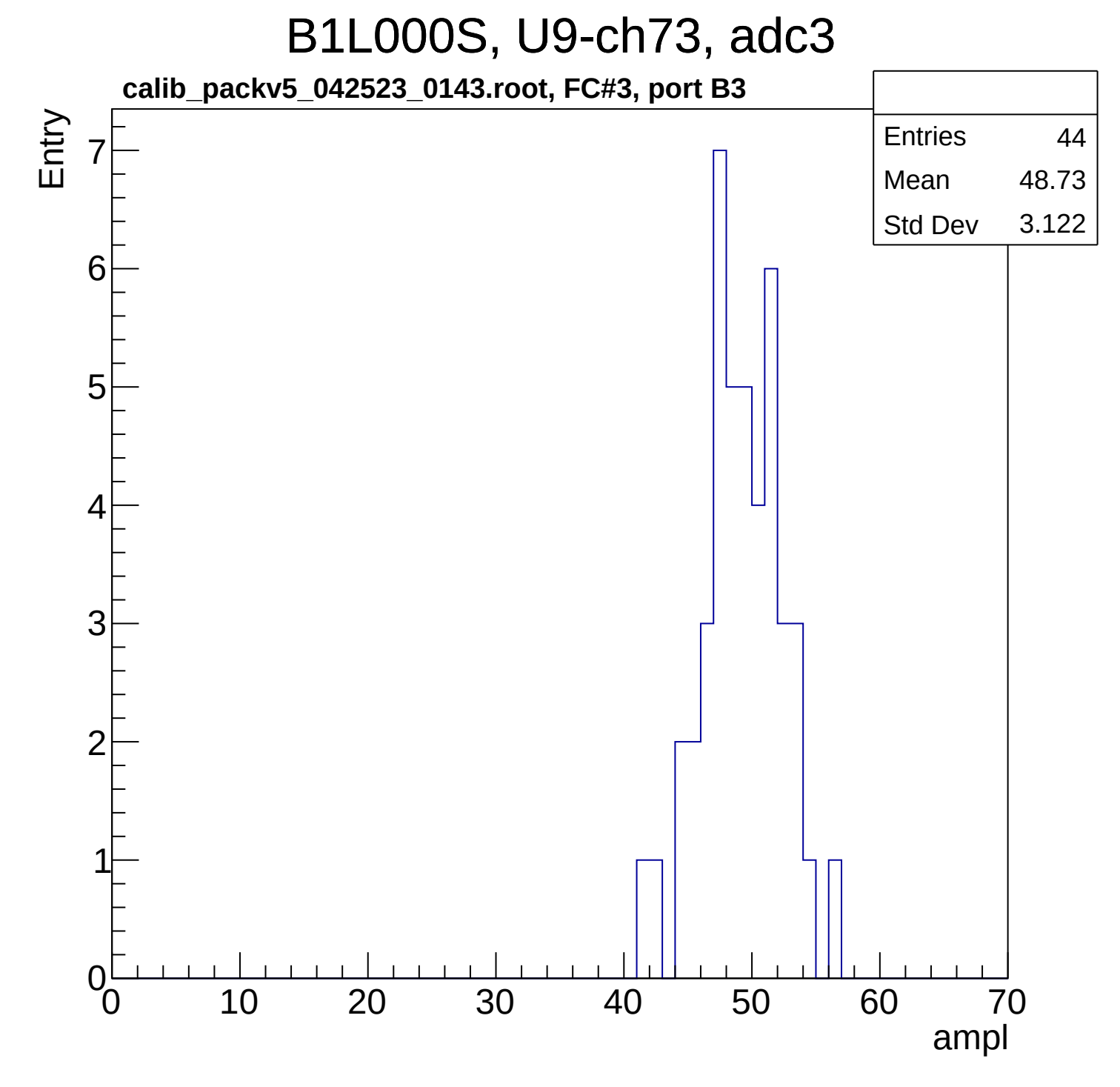
B1L000S, U9-ch73, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 48.73
Std Dev 3.122
Entry
ampl
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4
5
6
7
0
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20
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40
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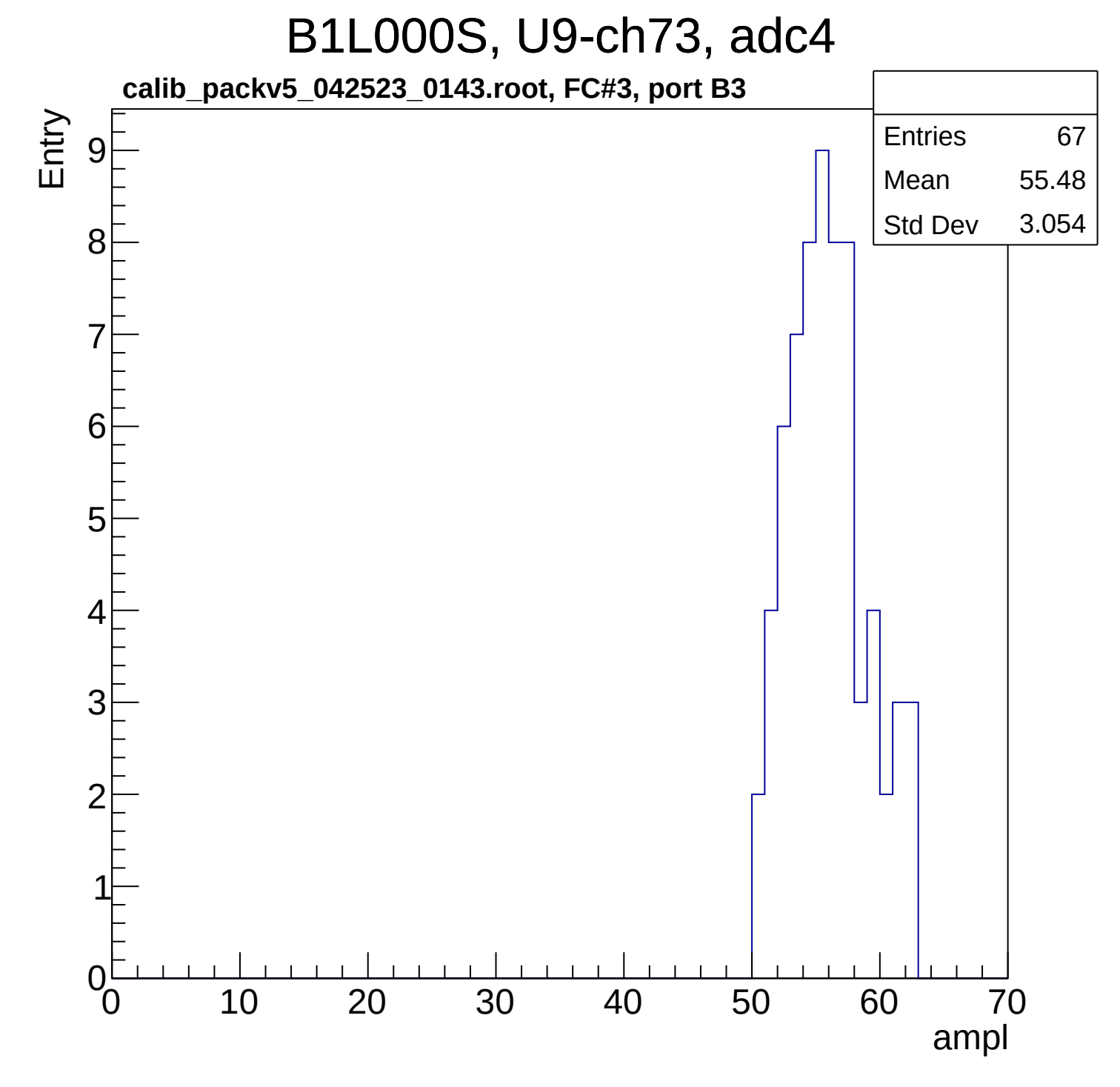
60
70


B1L000S, U9-ch73, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 55.48
Std Dev 3.054
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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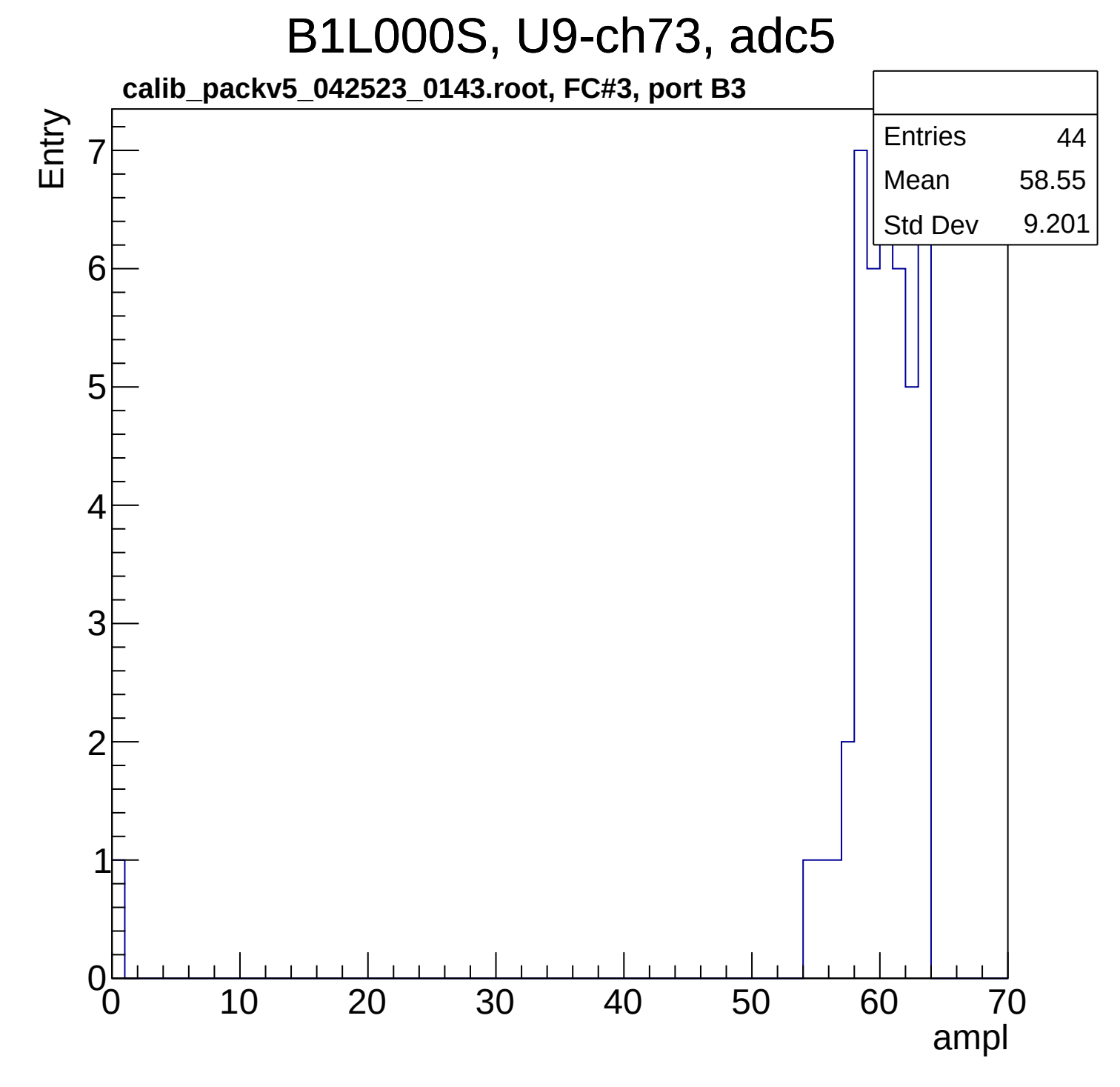
60
70


B1L000S, U9-ch73, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 58.55
Std Dev 9.201
Entry
ampl
0
1
2
3
4
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6
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40
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60
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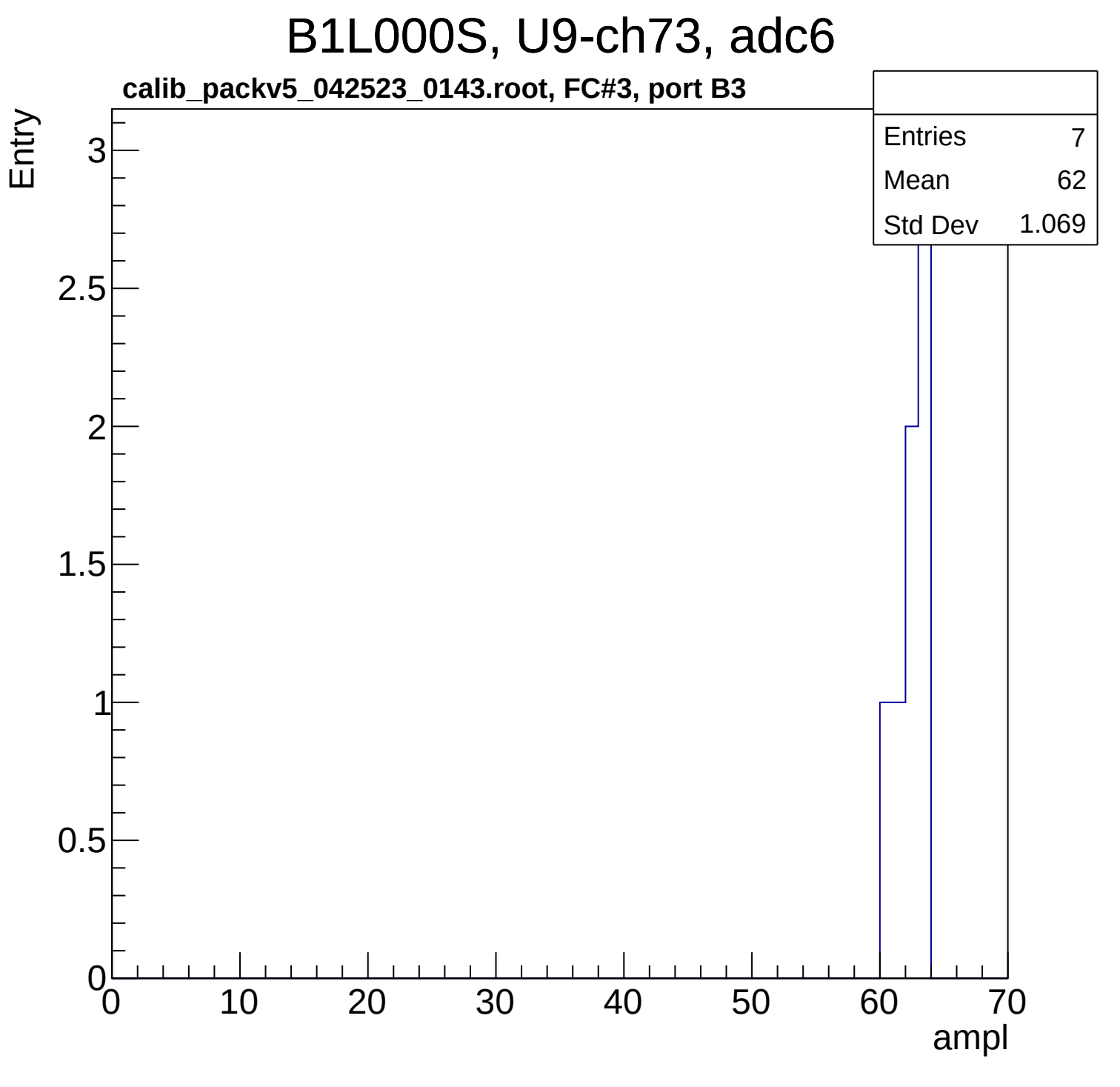
B1L000S, U9-ch73, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 62
Std Dev 1.069
Entry
ampl
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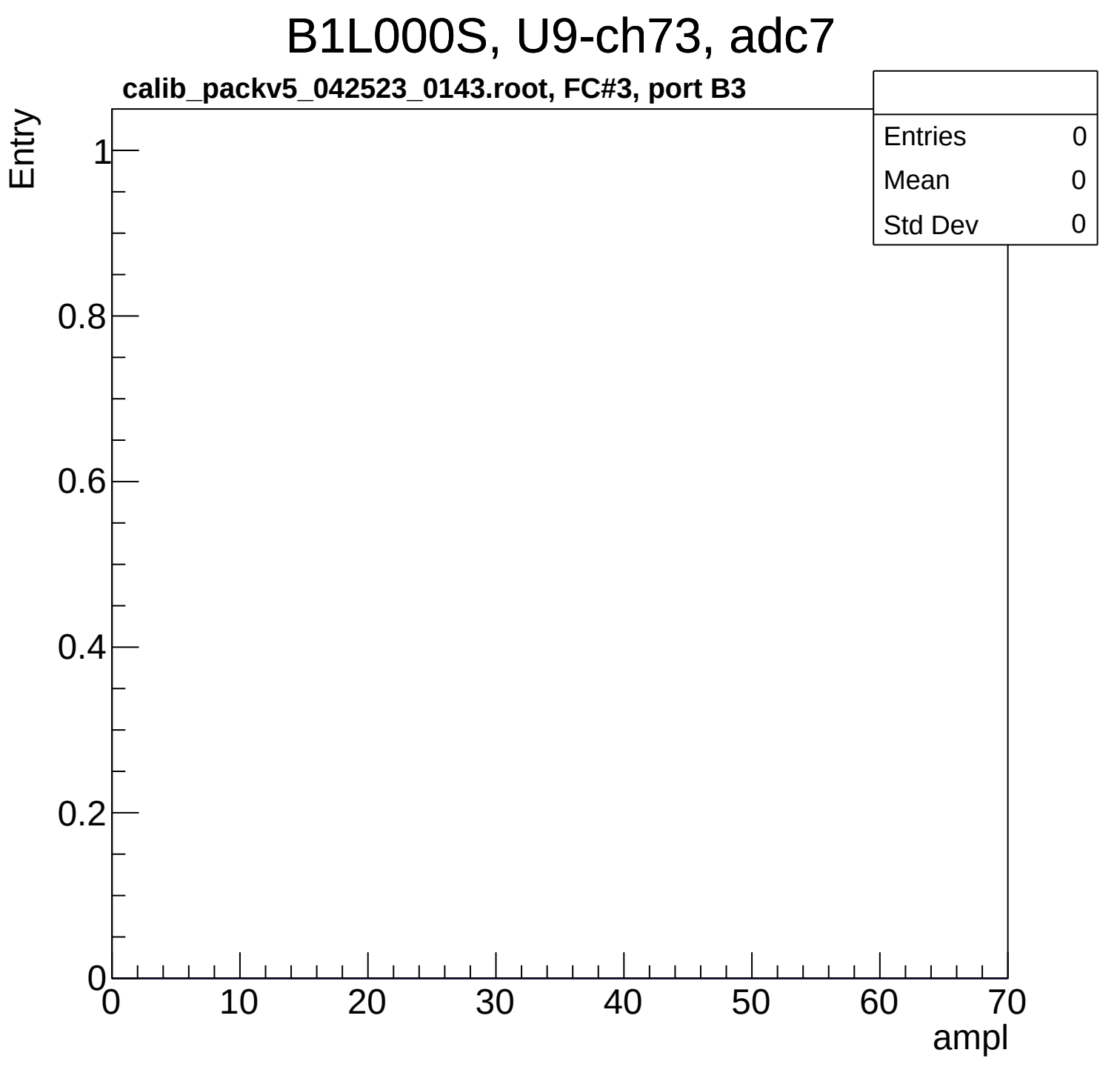
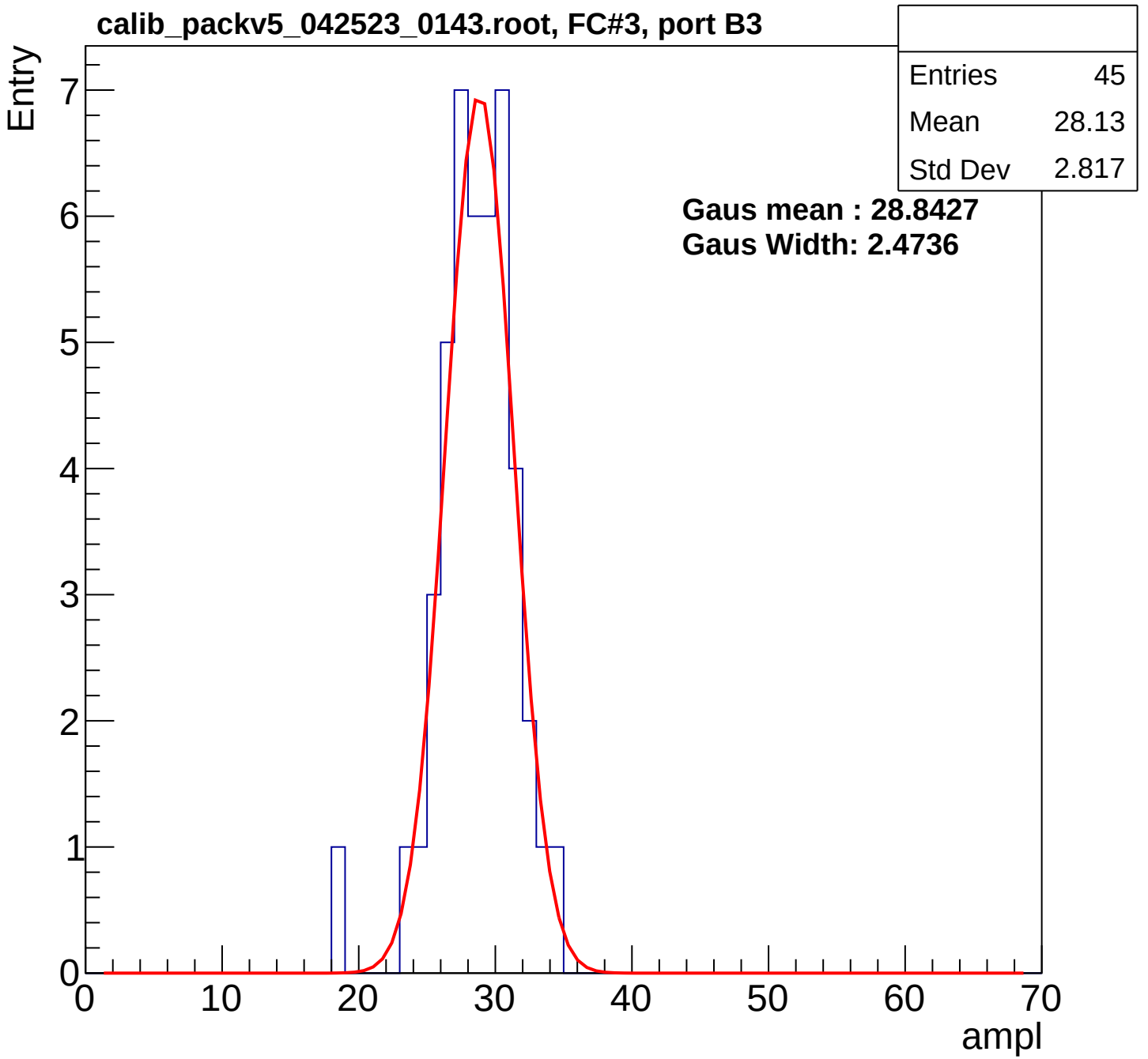
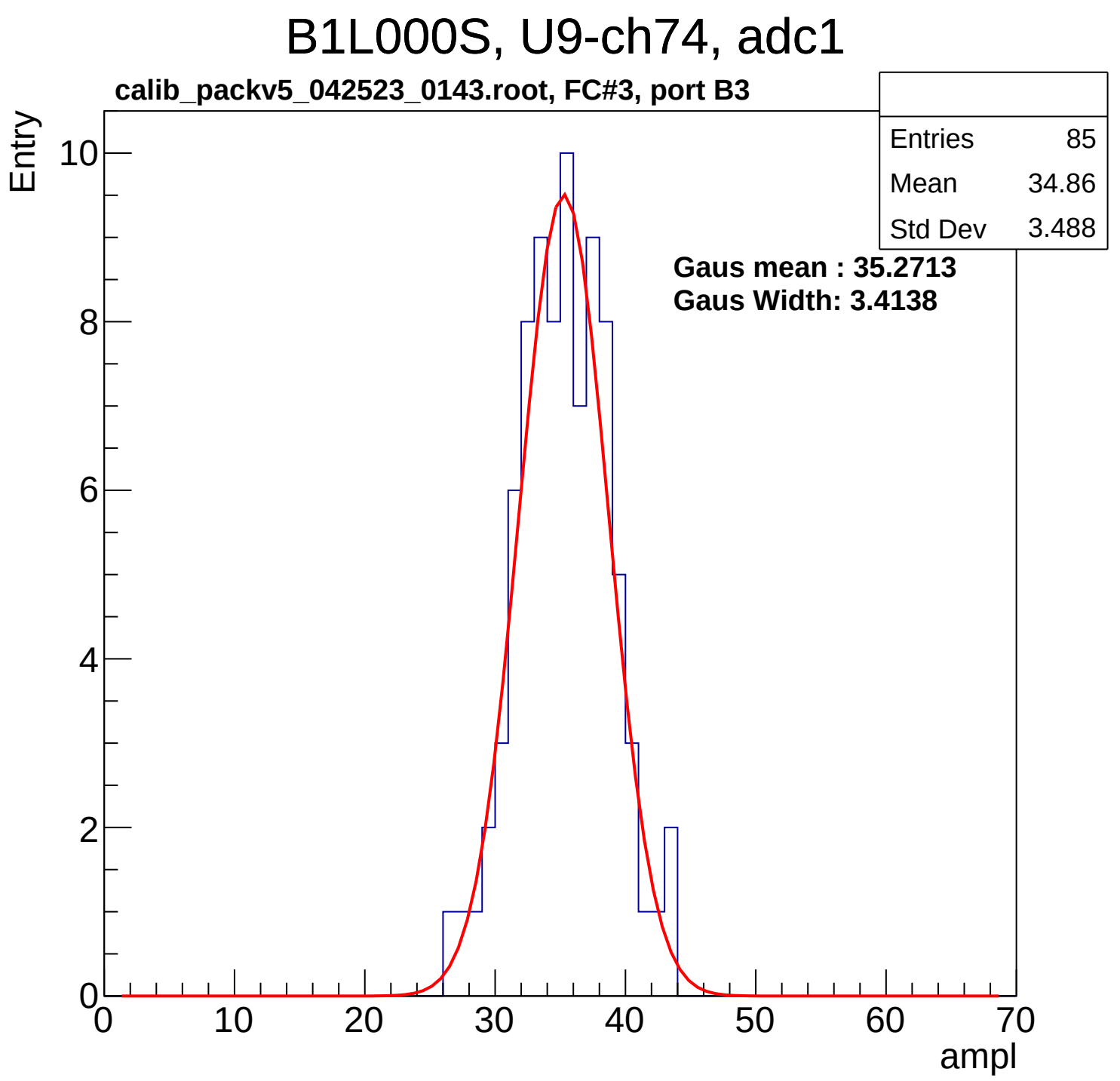
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch73, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch74, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 28.13
Std Dev 2.817
Gaus mean : 28.8427
Gaus Width: 2.4736
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch74, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 34.86
Std Dev 3.488
Gaus mean : 35.2713
Gaus Width: 3.4138
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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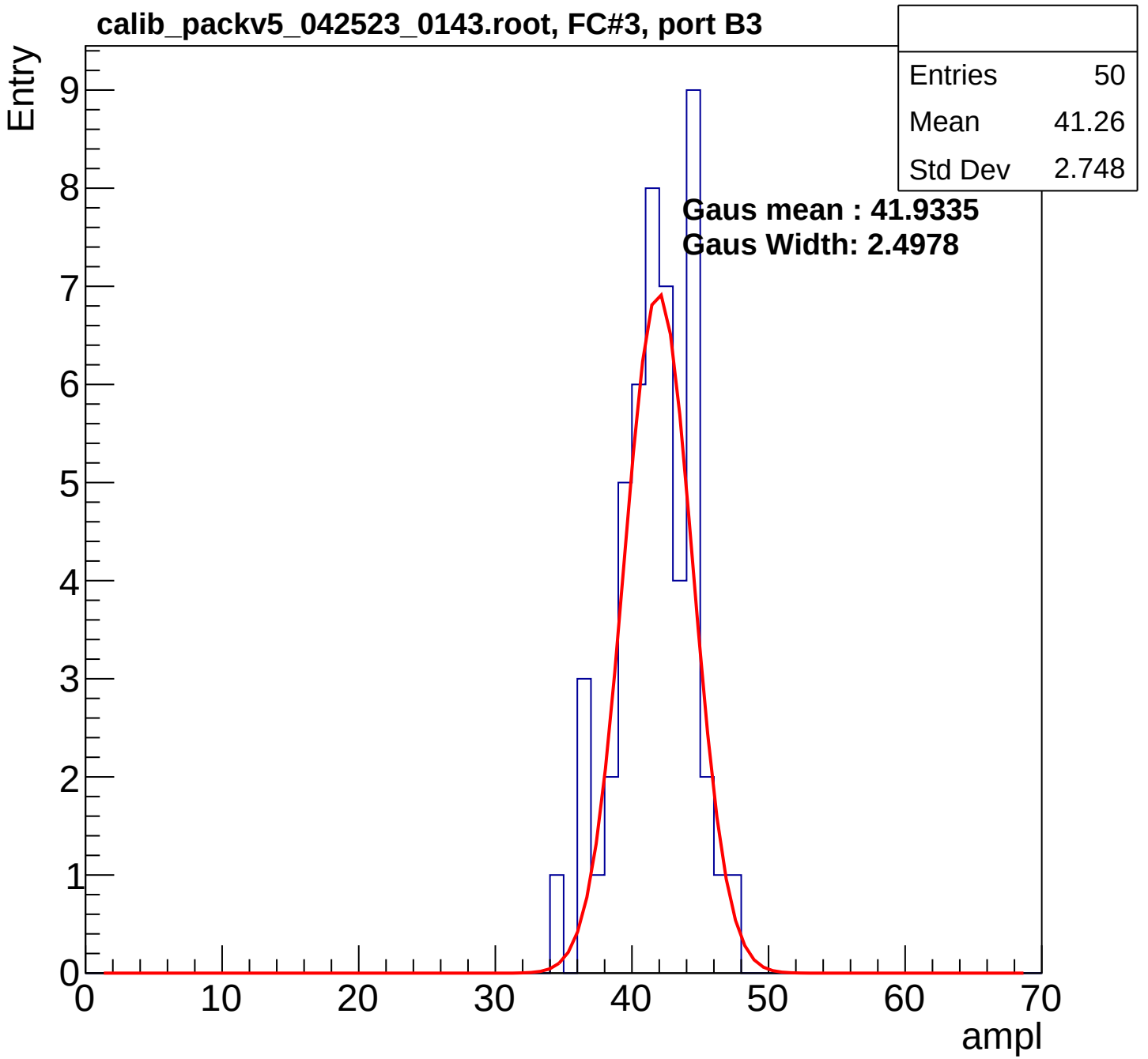
B1L000S, U9-ch74, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 41.26
Std Dev 2.748
Gaus mean : 41.9335
Gaus Width: 2.4978
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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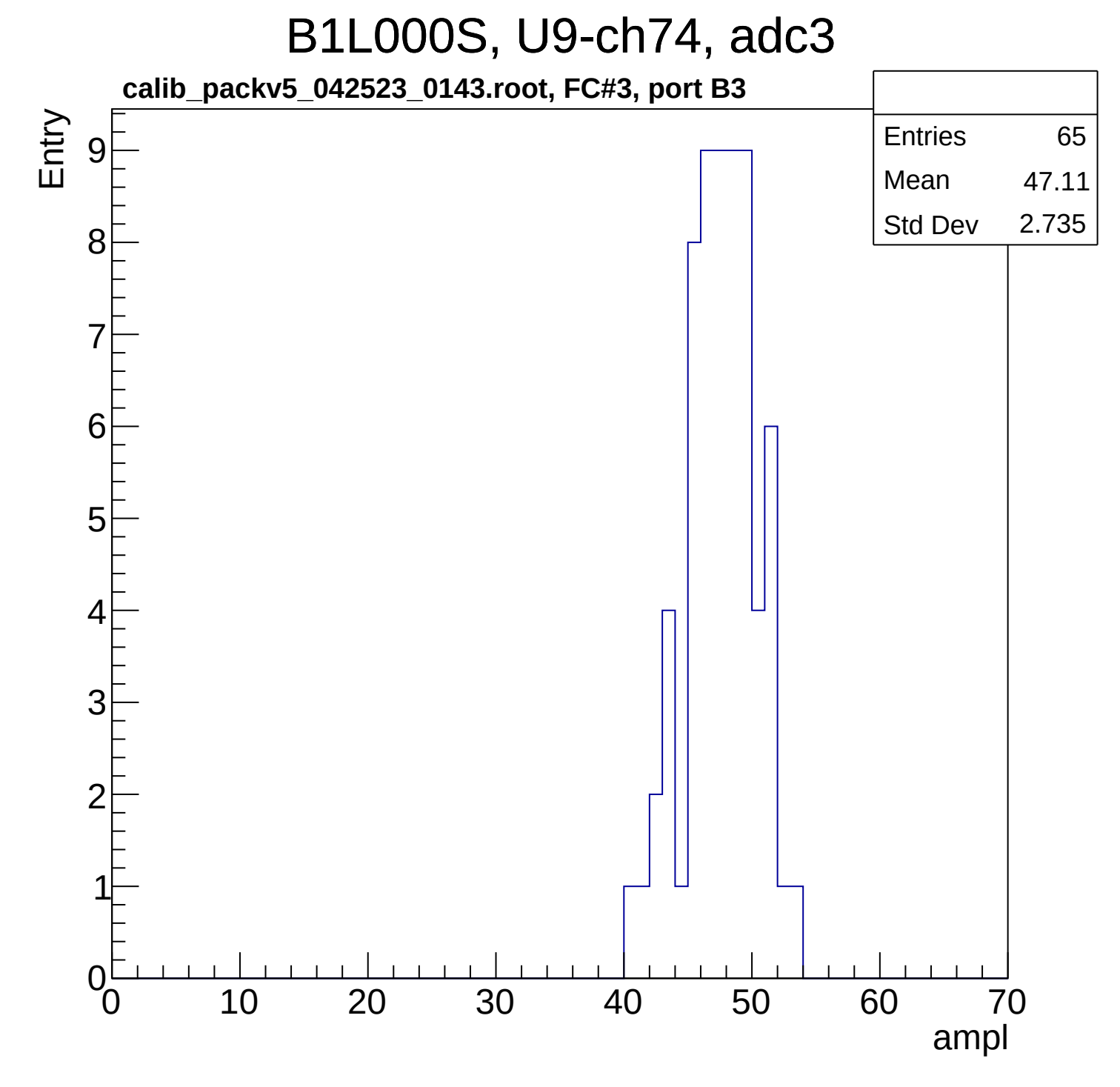
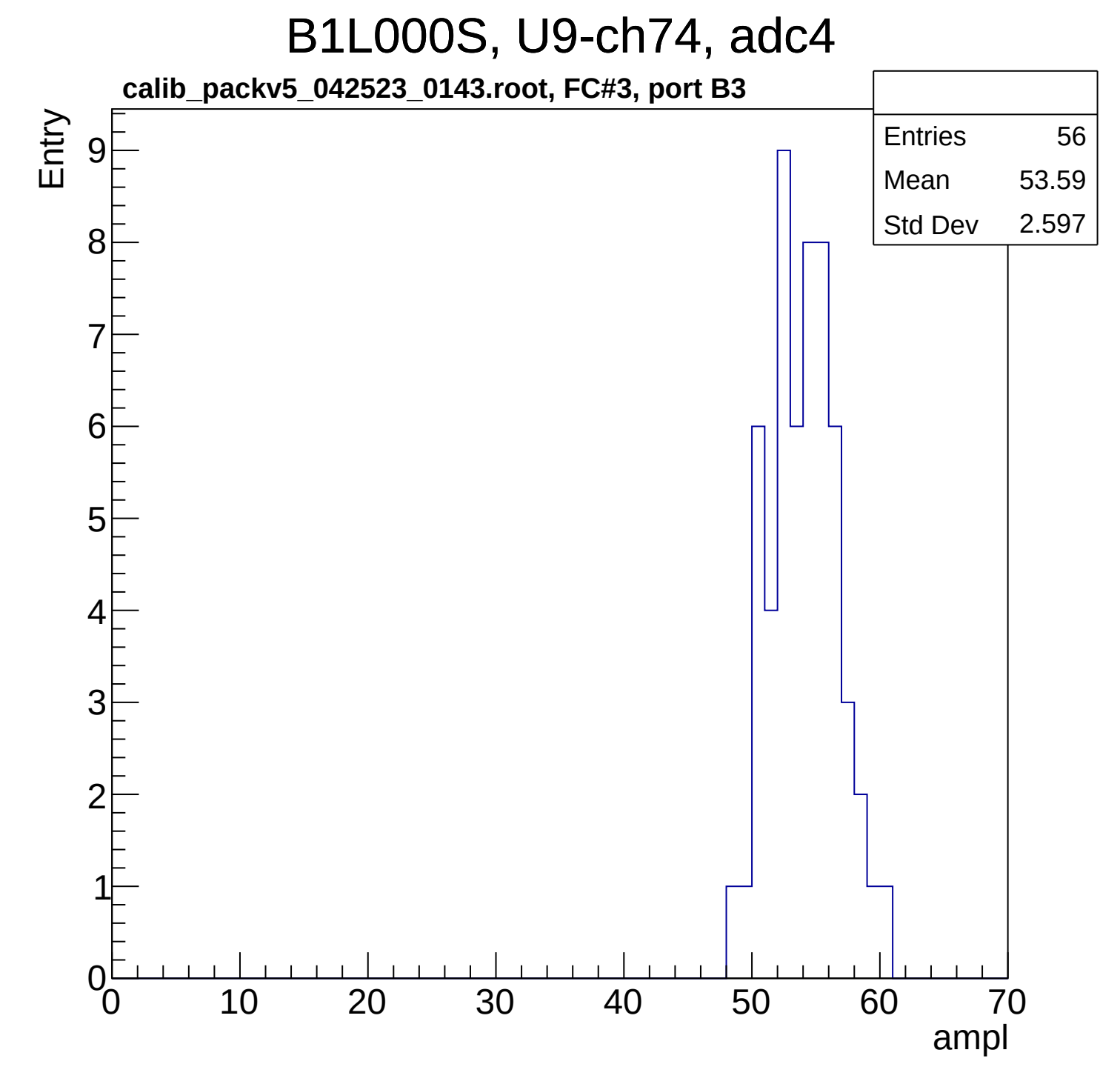
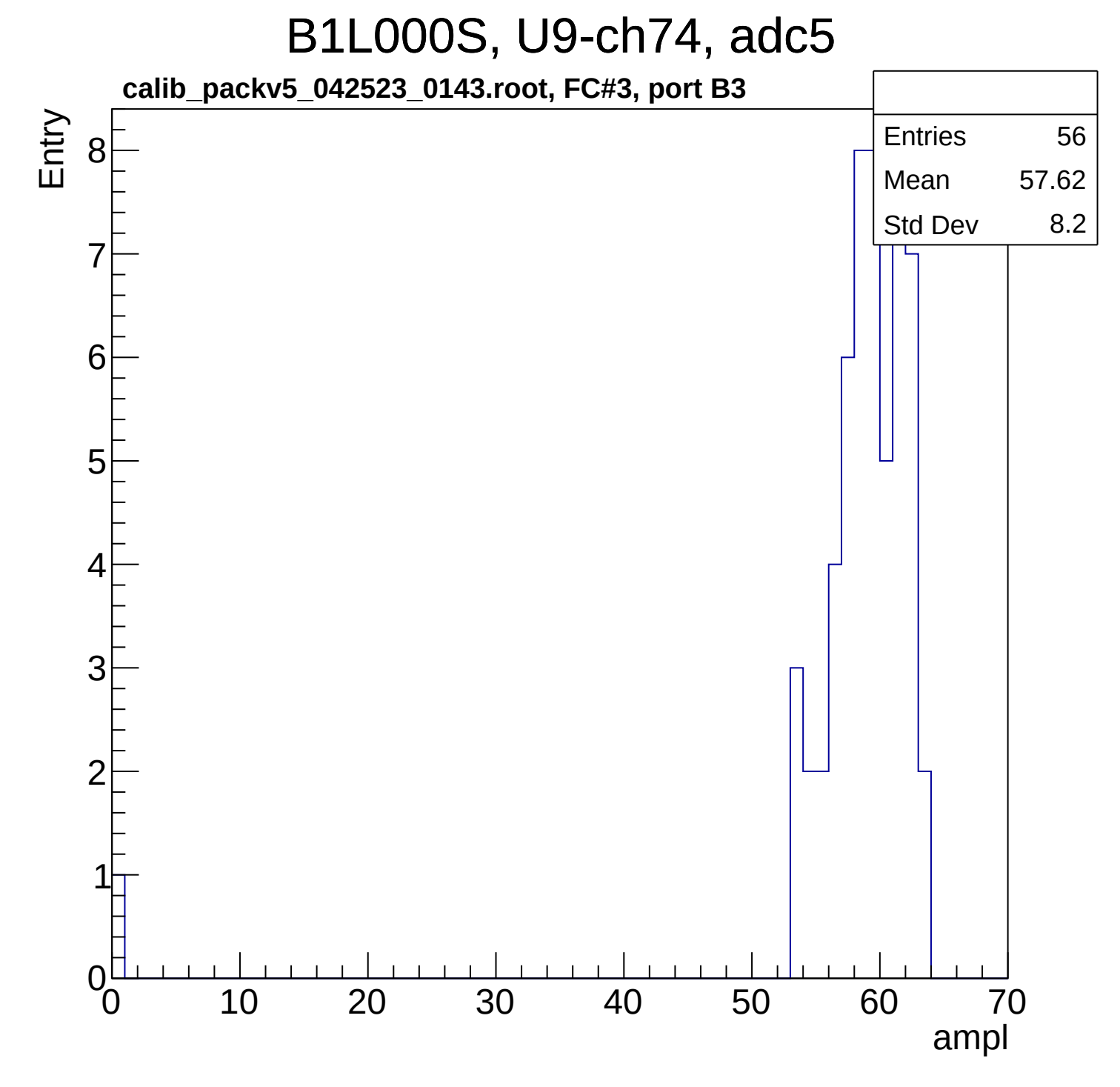
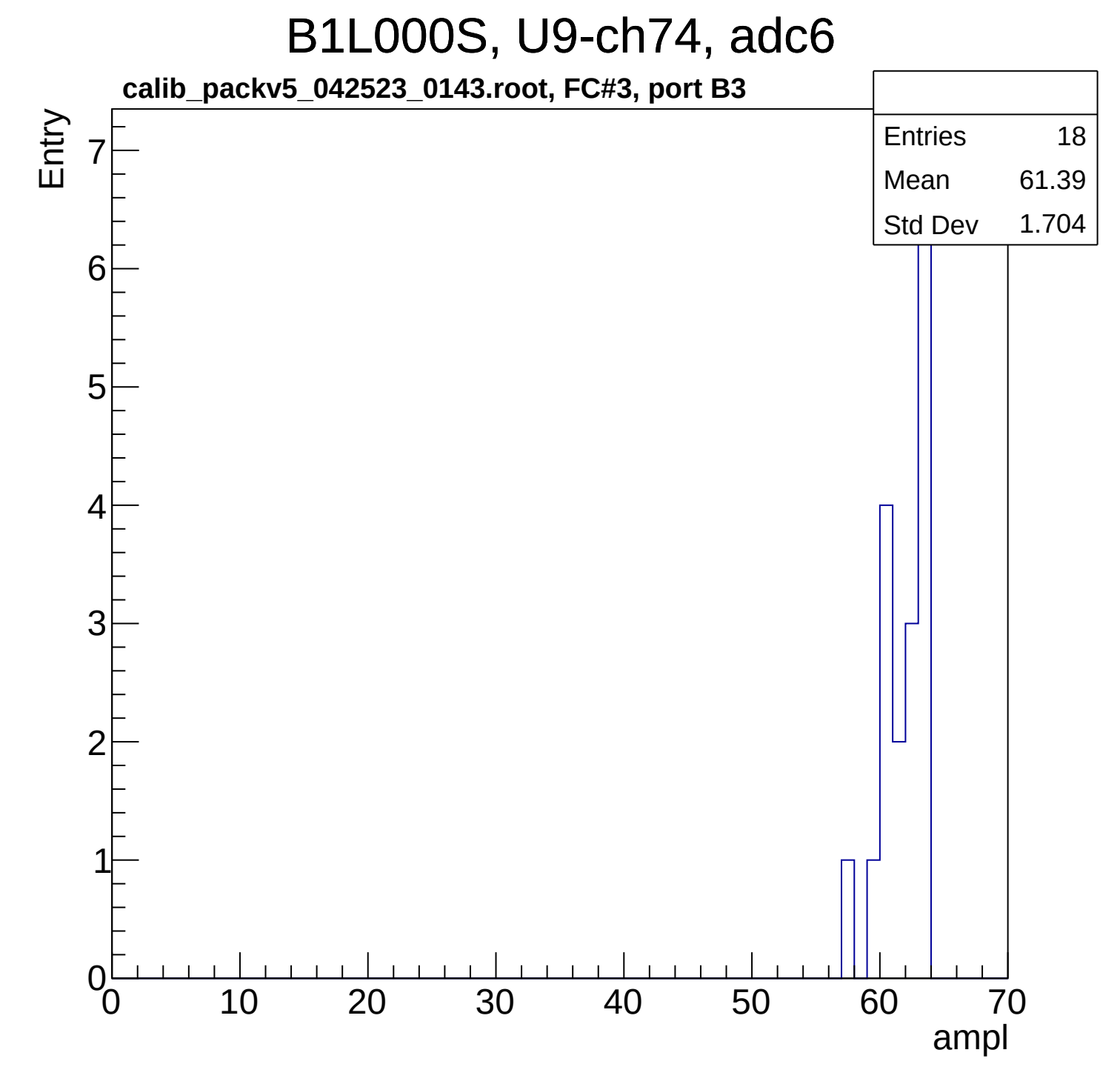

B1L000S, U9-ch74, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 47.11
Std Dev 2.735
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch74, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.59
Std Dev 2.597
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch74, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.62
Std Dev 8.2
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch74, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.39
Std Dev 1.704
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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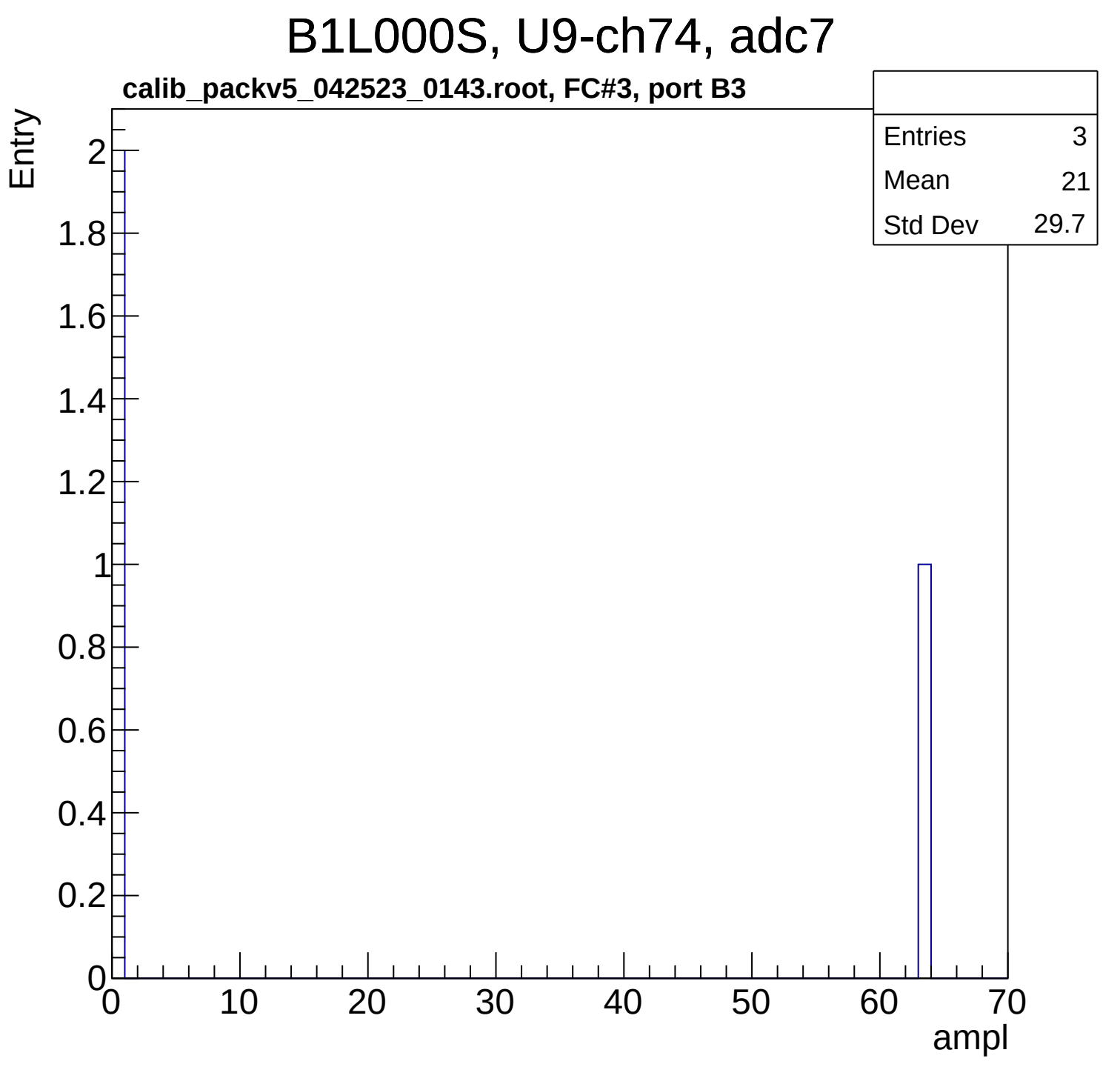
B1L000S, U9-ch74, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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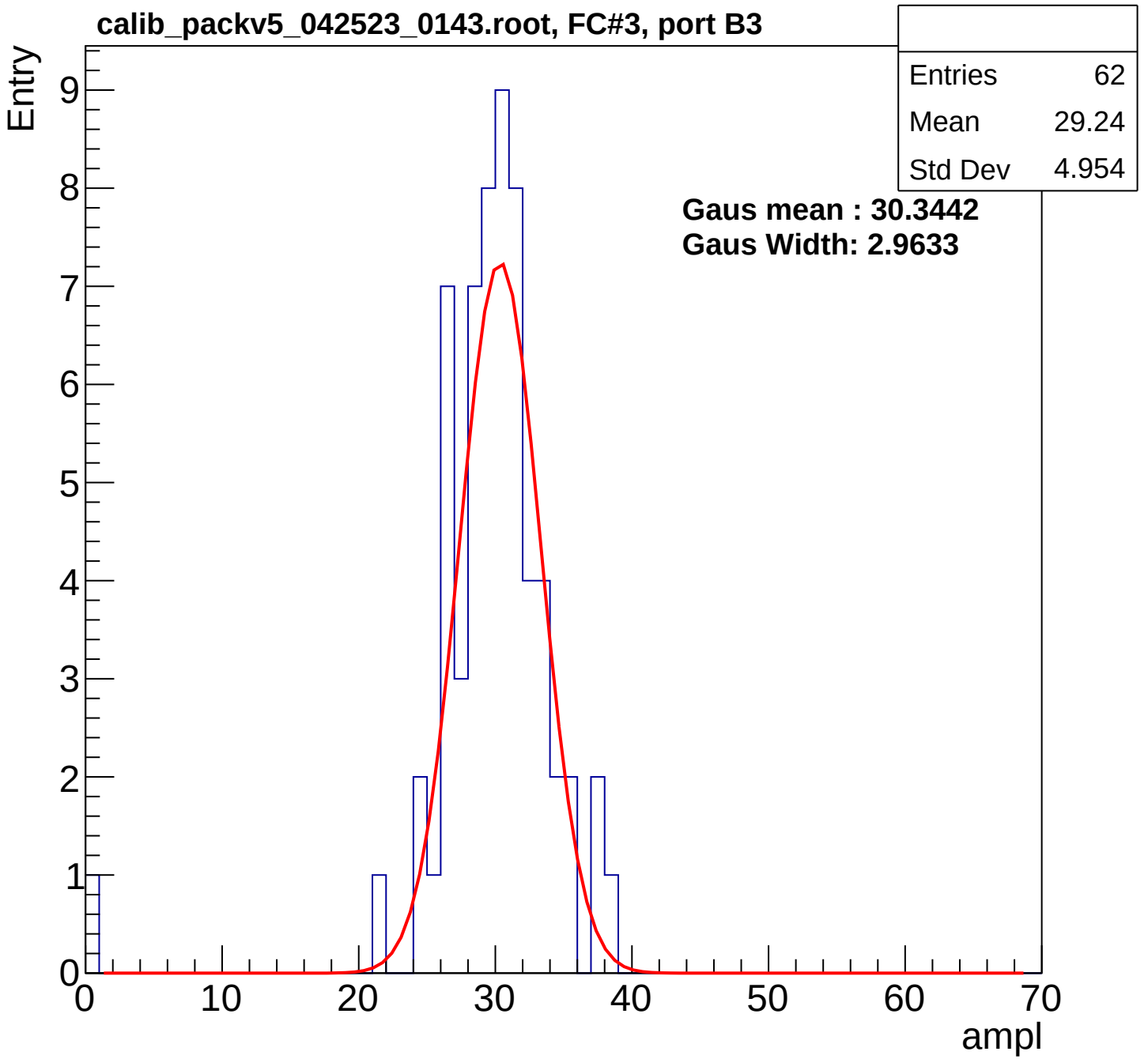
B1L000S, U9-ch75, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.24
Std Dev 4.954
Gaus mean : 30.3442
Gaus Width: 2.9633
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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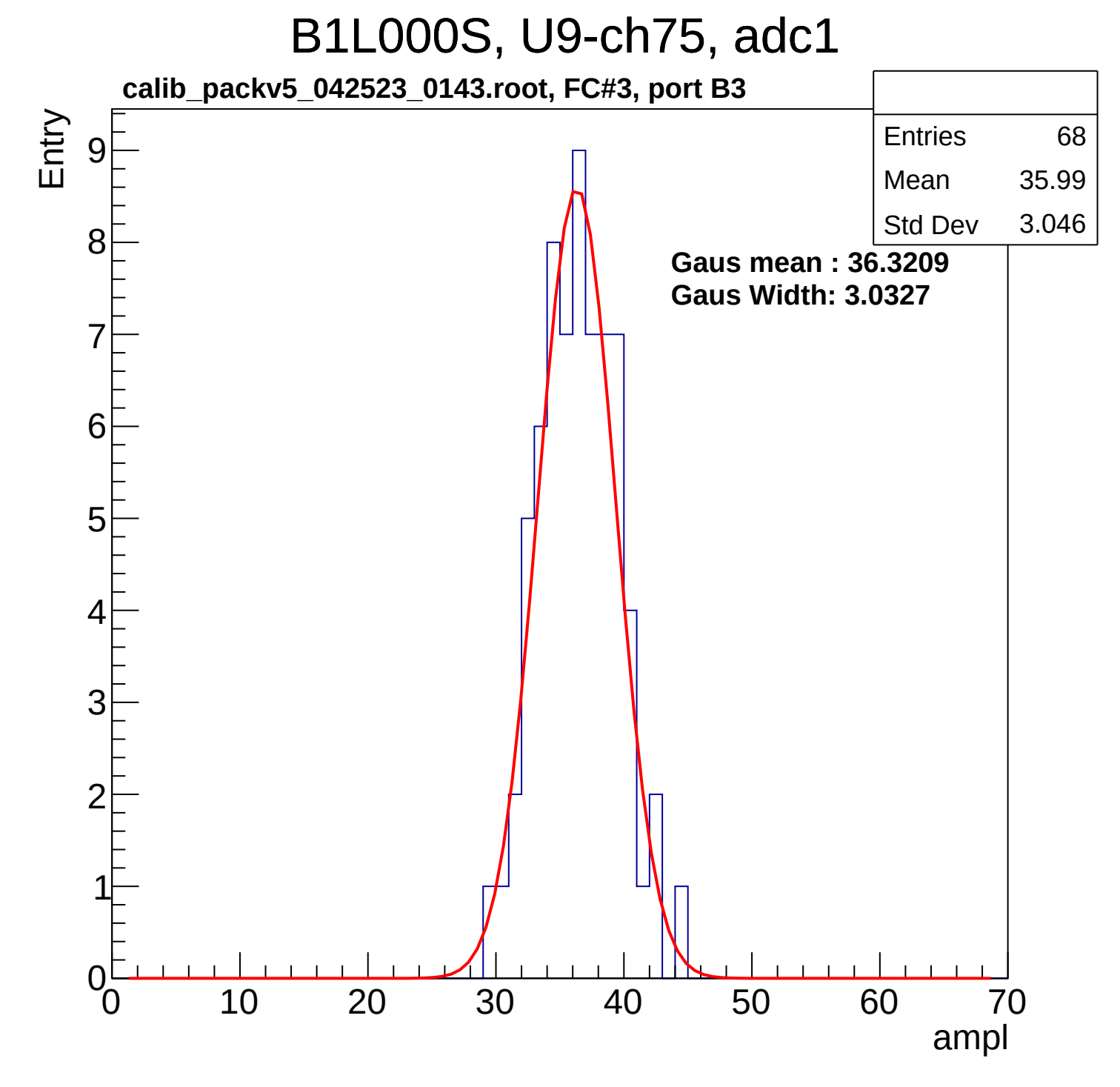
B1L000S, U9-ch75, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 35.99
Std Dev 3.046
Gaus mean : 36.3209
Gaus Width: 3.0327
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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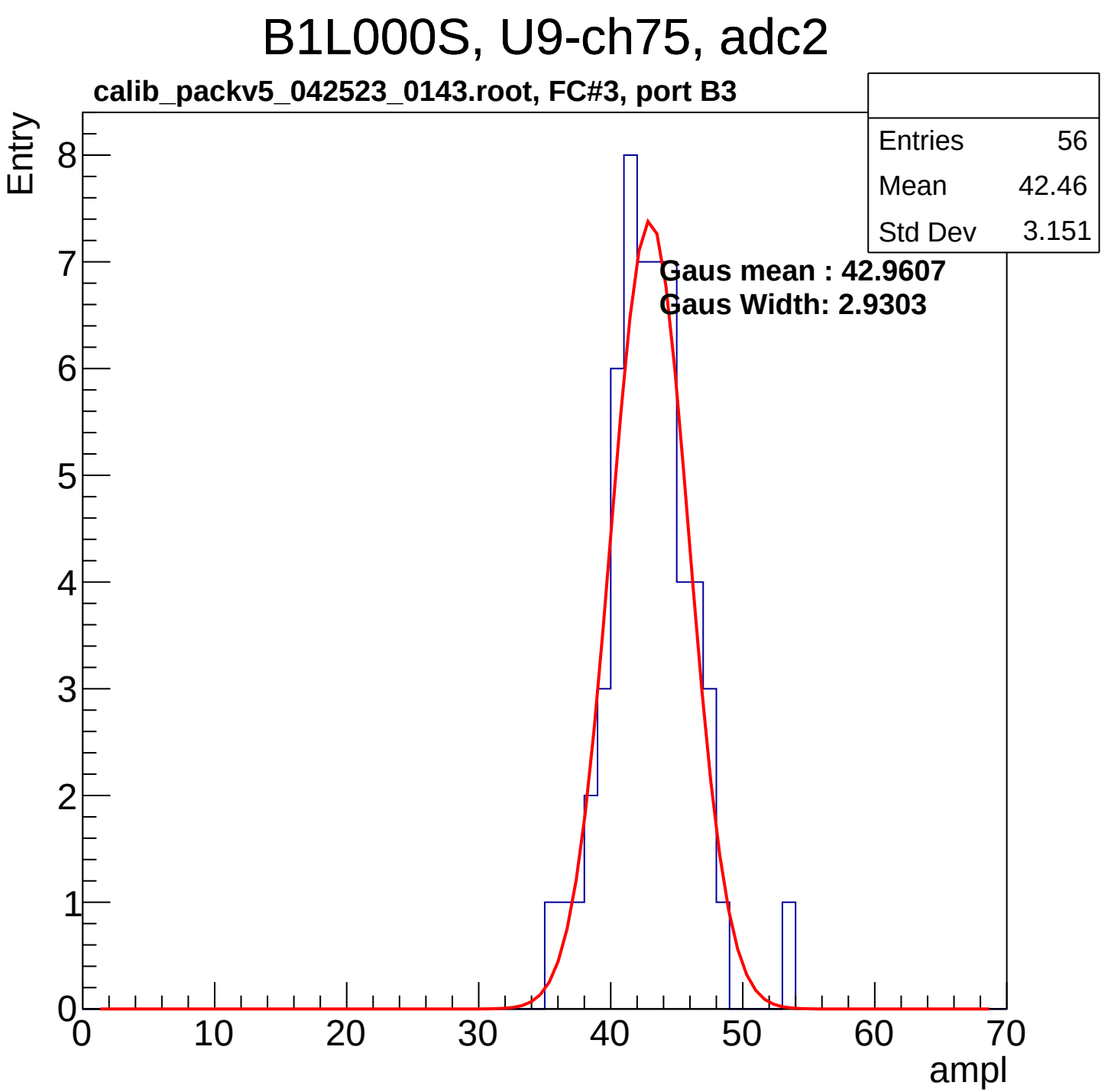
B1L000S, U9-ch75, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.46
Std Dev 3.151
Gaus mean : 42.9607
Gaus Width: 2.9303
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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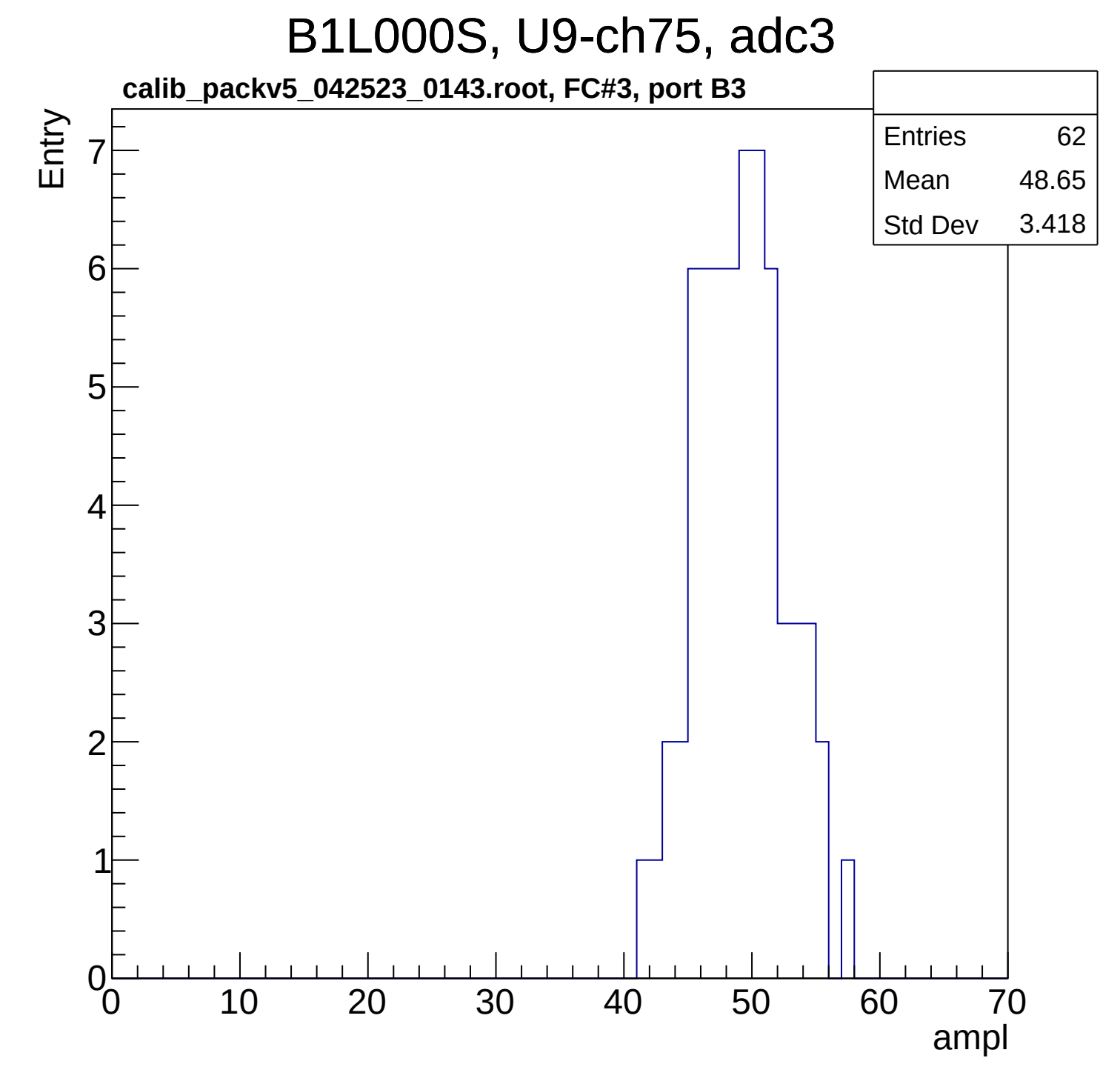
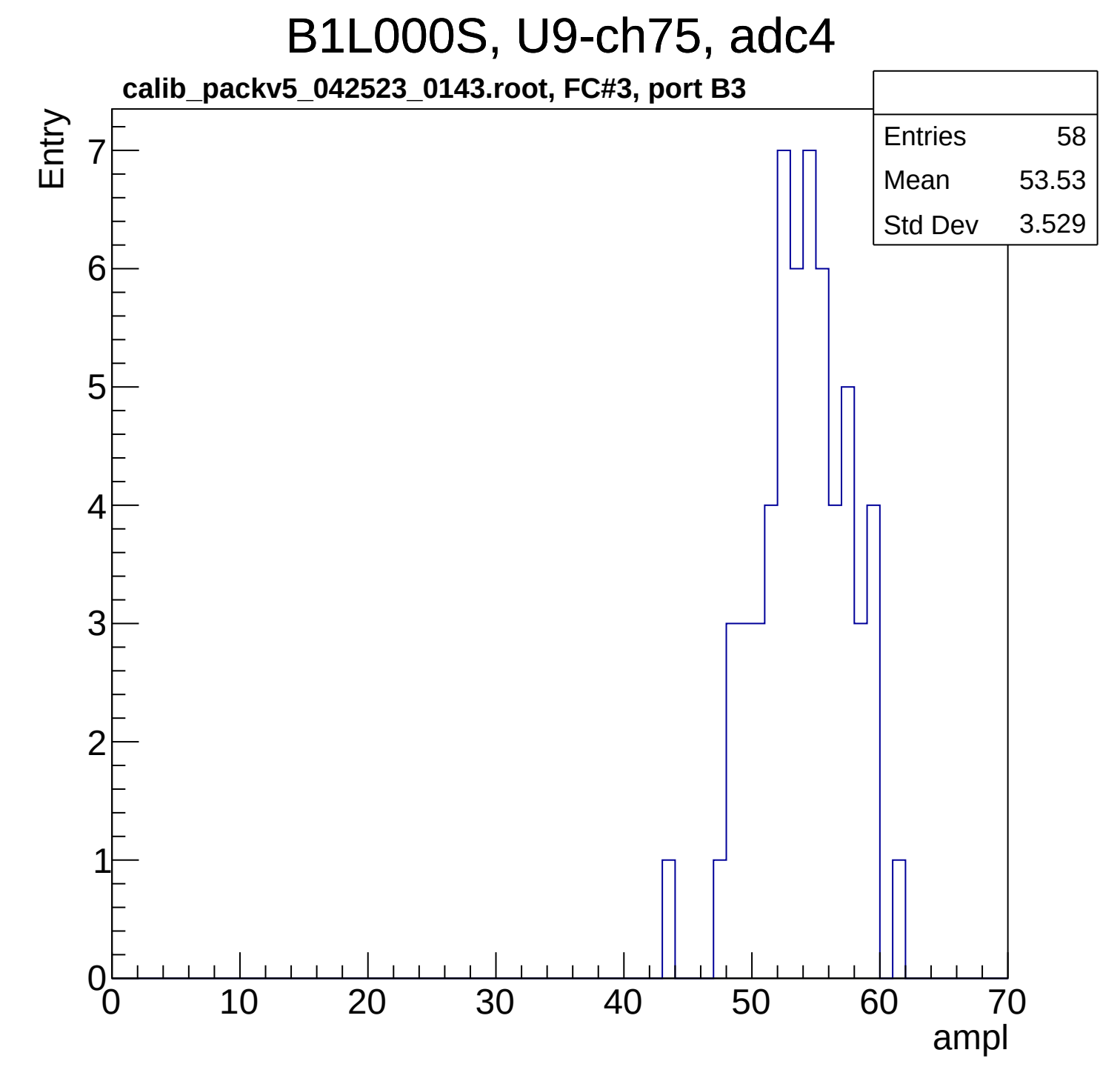

B1L000S, U9-ch75, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.65
Std Dev 3.418
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch75, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.53
Std Dev 3.529
Entry
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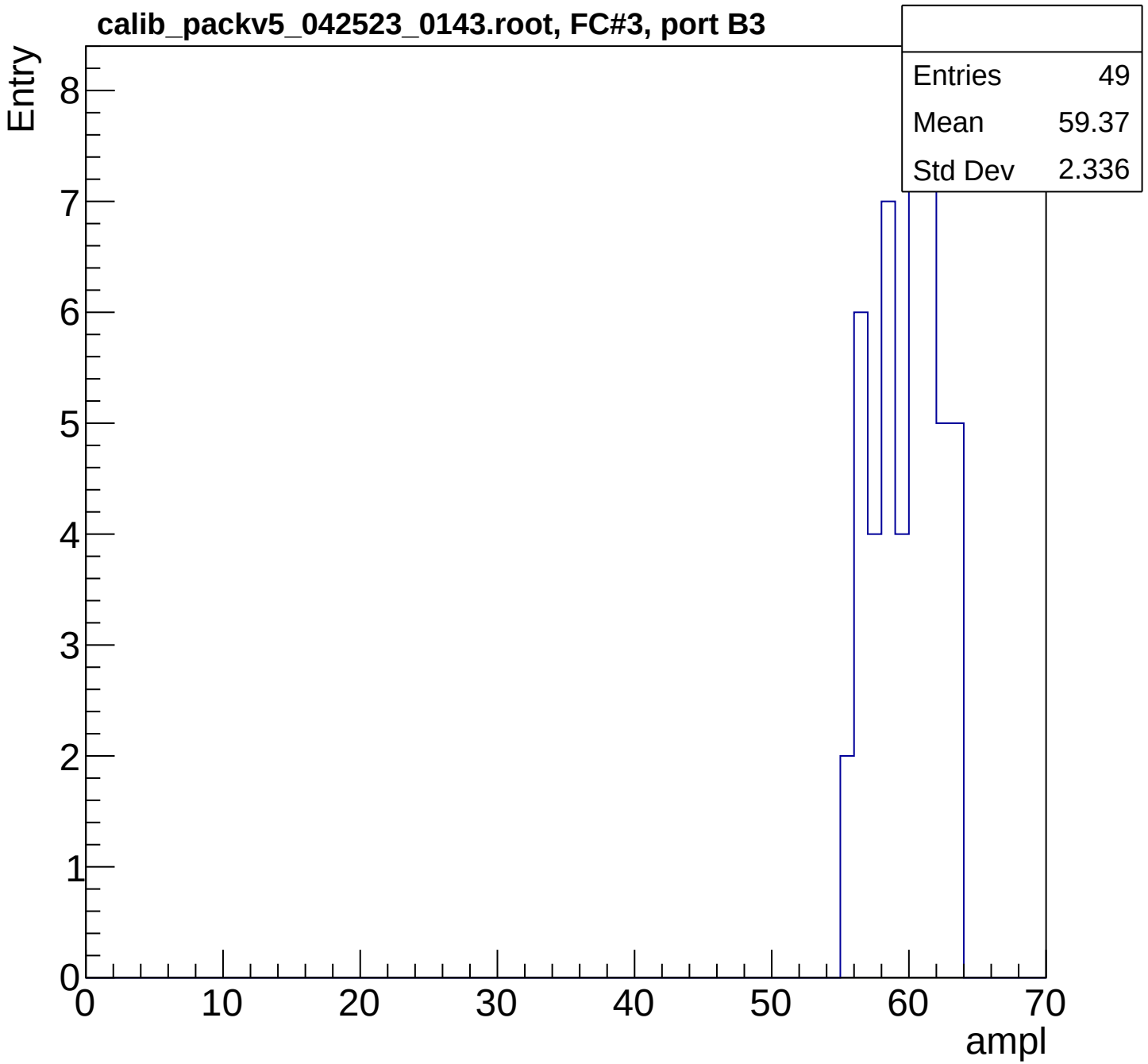
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch75, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.37
Std Dev 2.336
Entry
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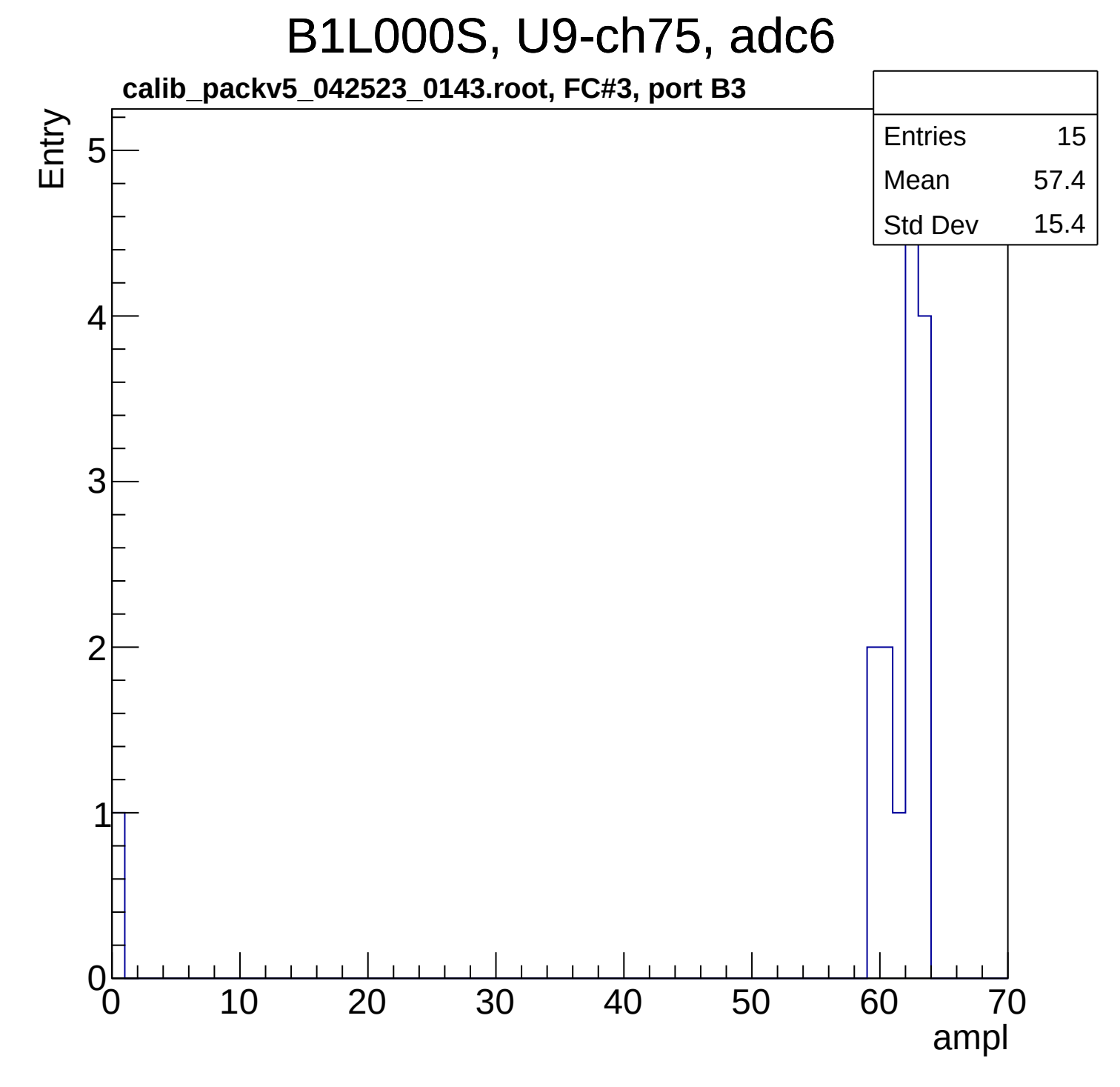
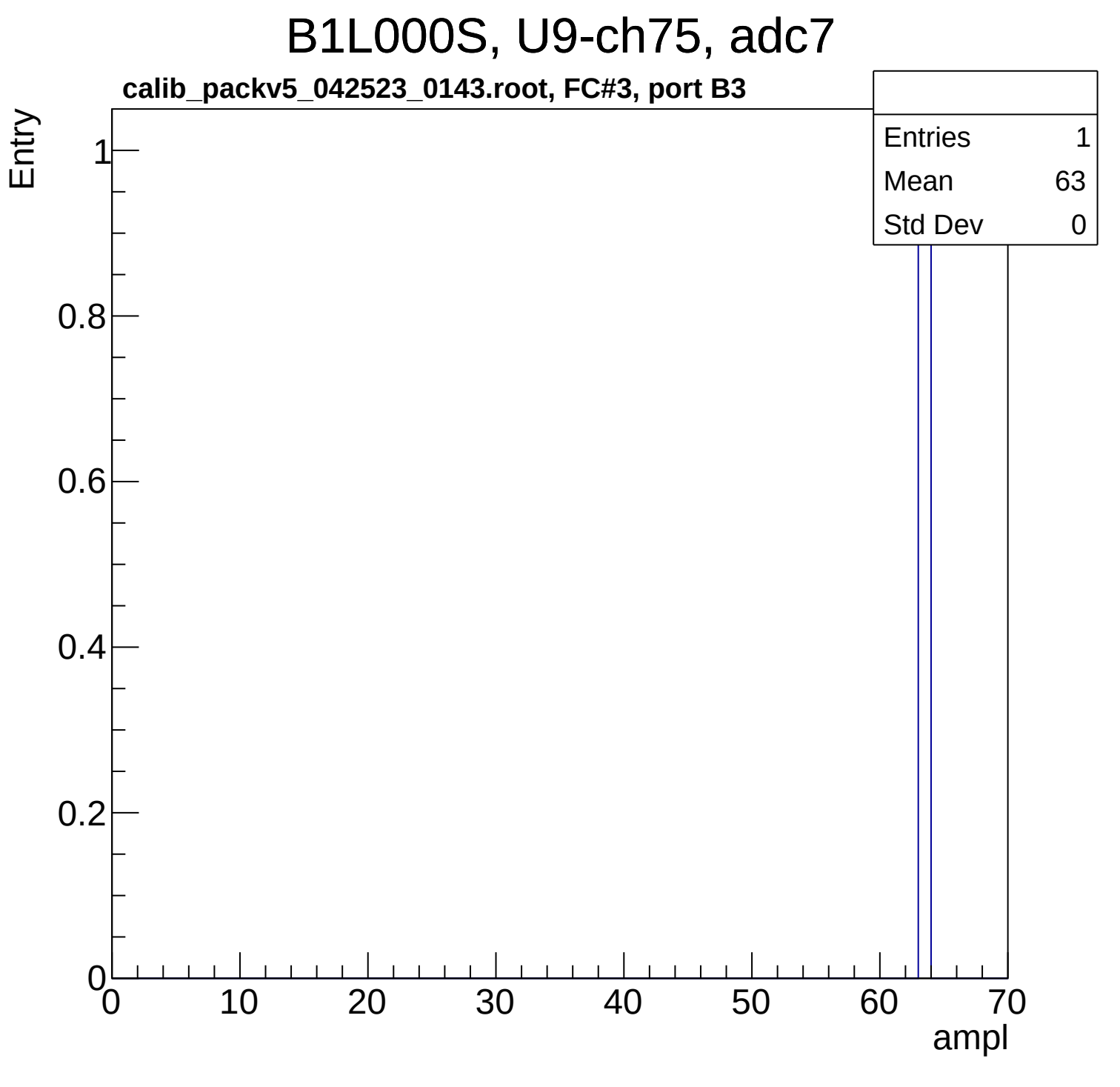
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch75, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.4
Std Dev 15.4
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch75, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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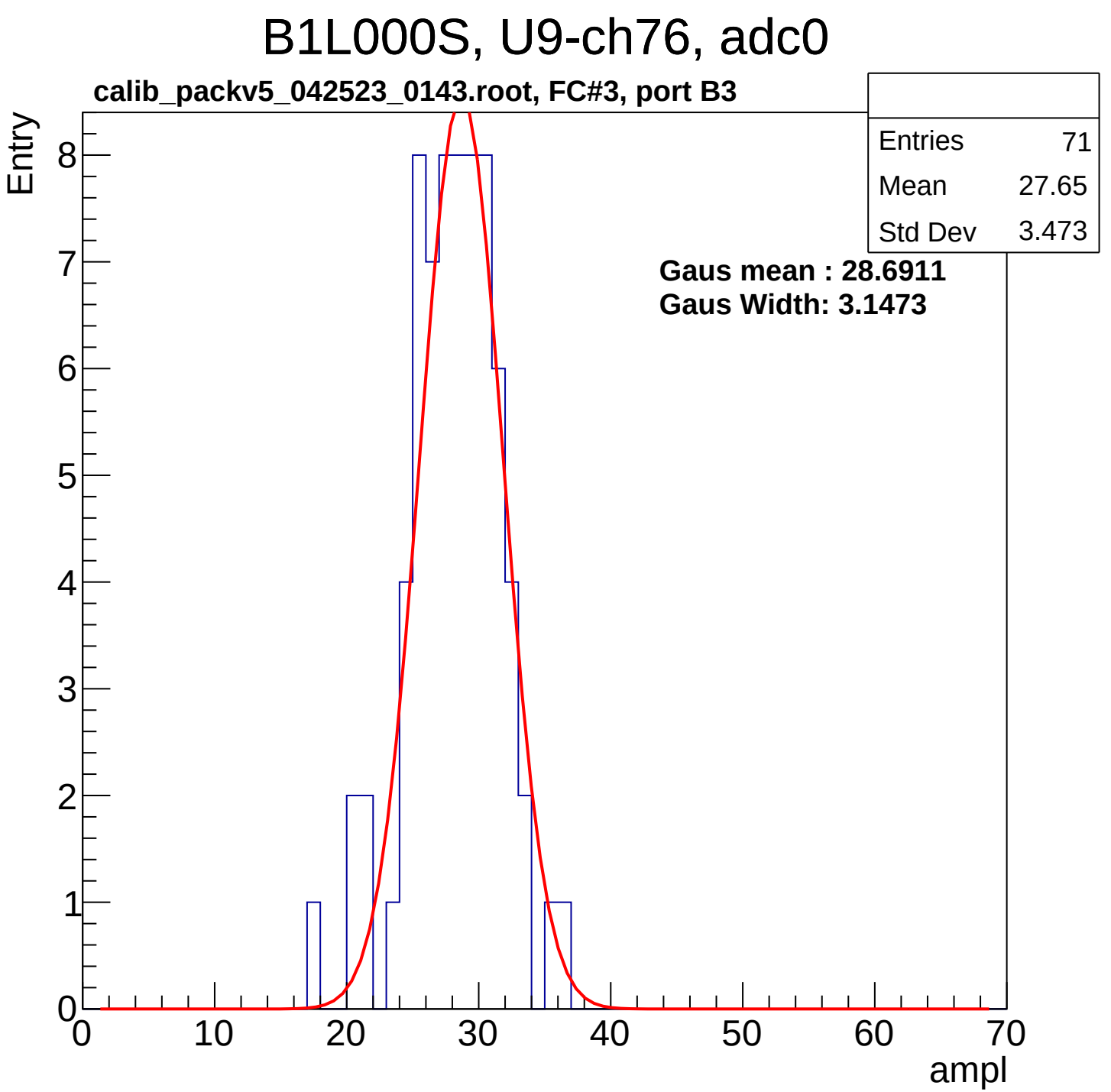
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch76, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 27.65
Std Dev 3.473
Gaus mean : 28.6911
Gaus Width: 3.1473
Entry
ampl
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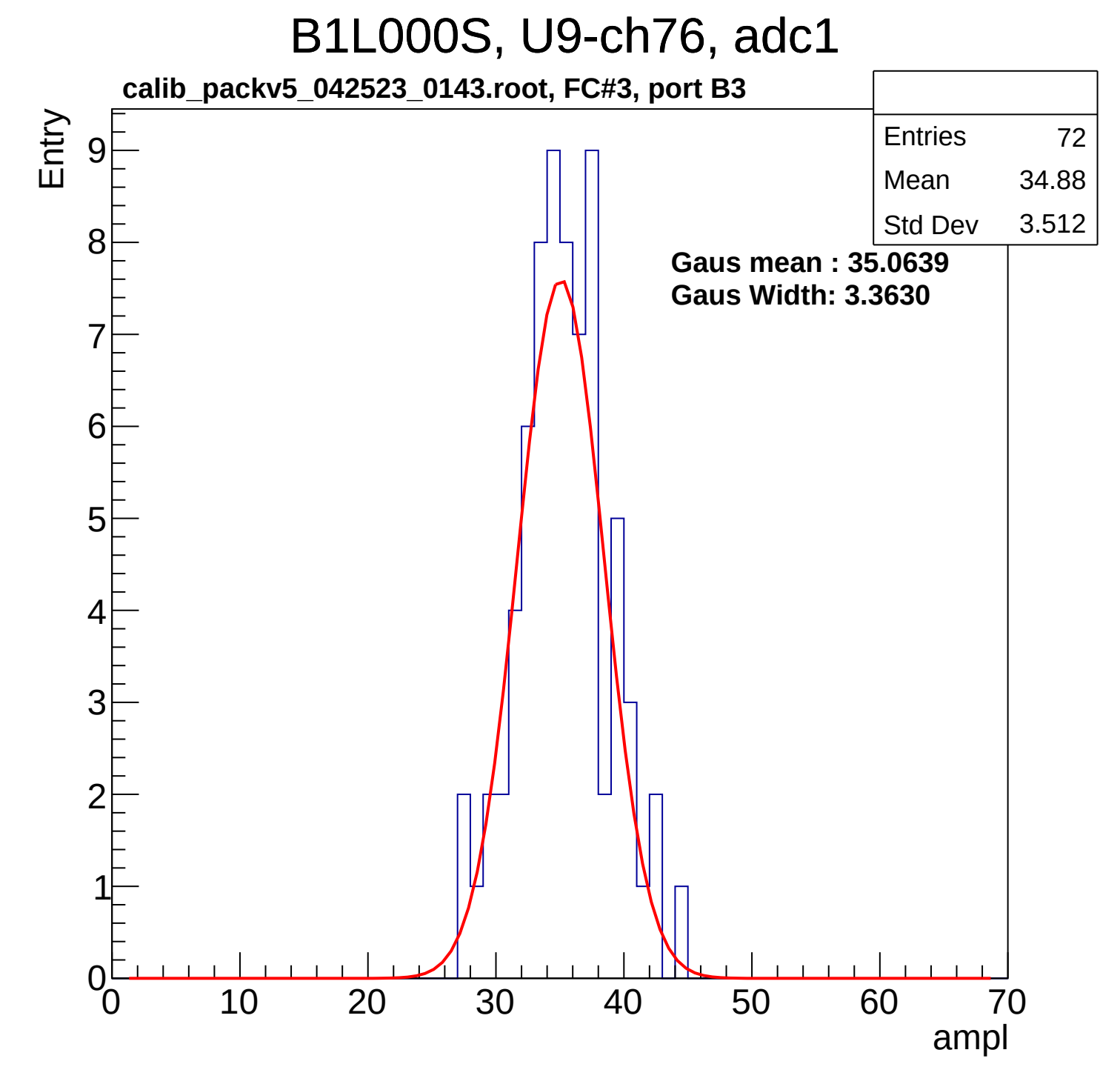
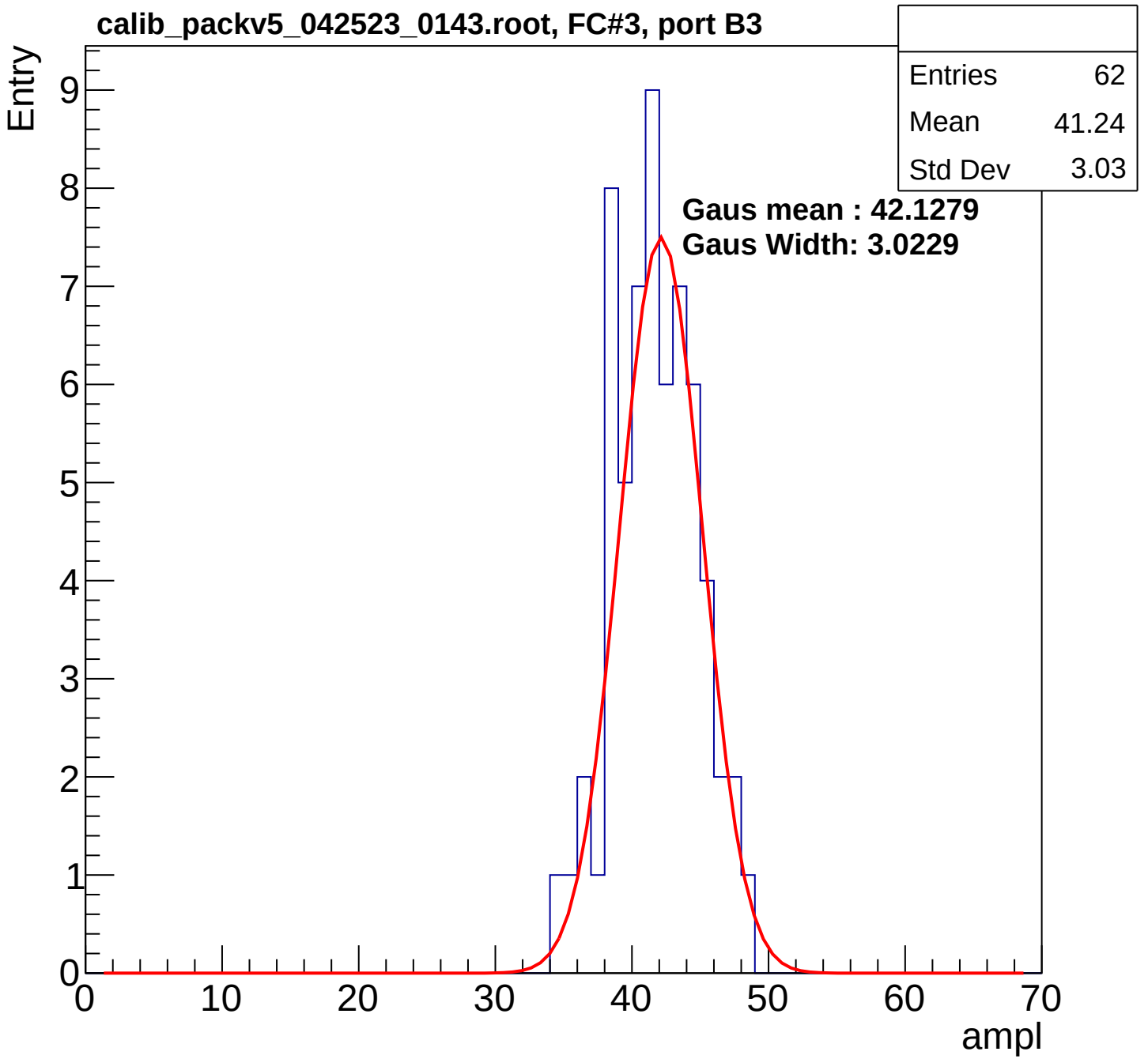
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch76, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.88
Std Dev 3.512
Gaus mean : 35.0639
Gaus Width: 3.3630
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch76, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 41.24
Std Dev 3.03
Gaus mean : 42.1279
Gaus Width: 3.0229
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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60
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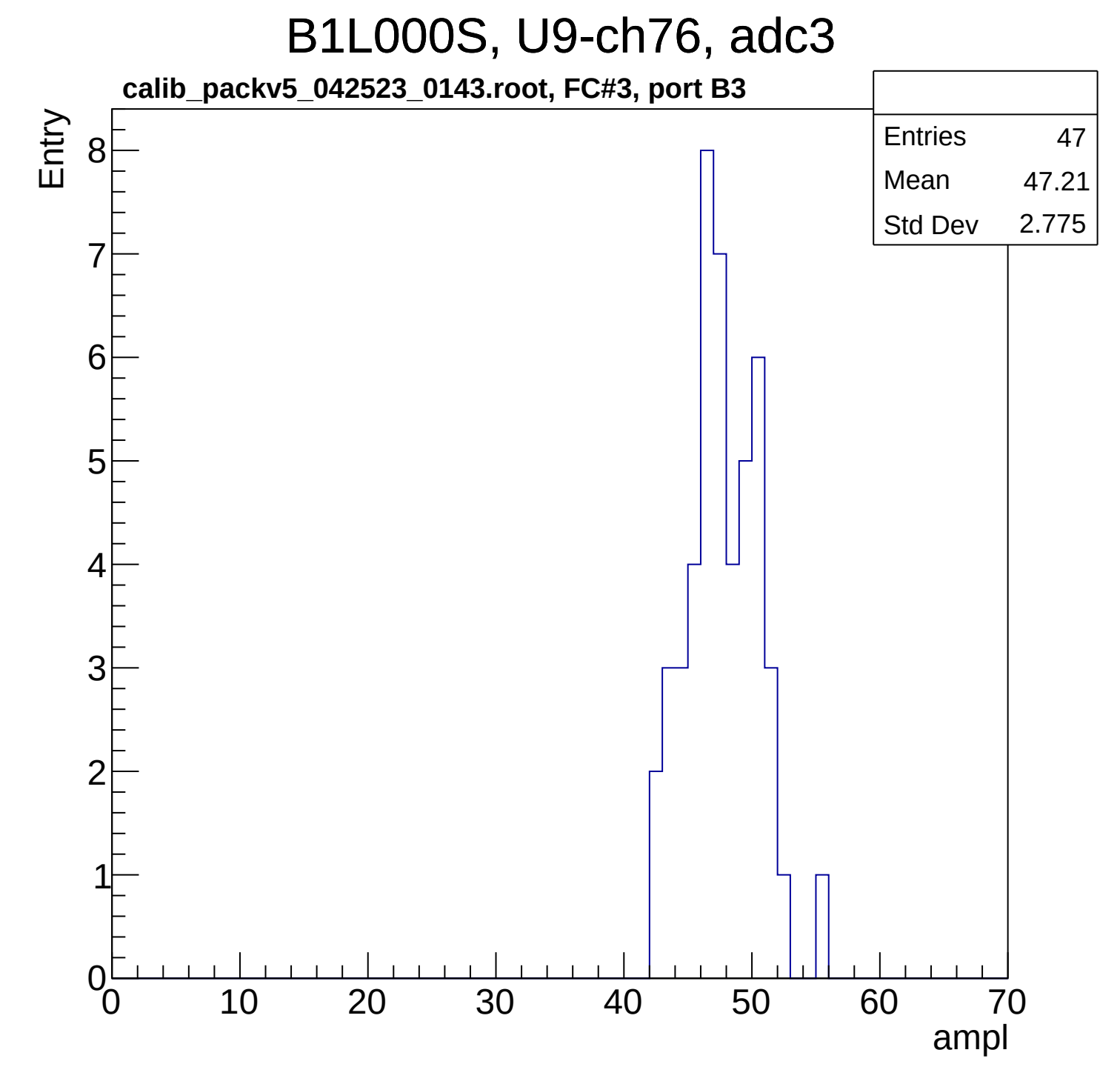
B1L000S, U9-ch76, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 47.21
Std Dev 2.775
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
50
60
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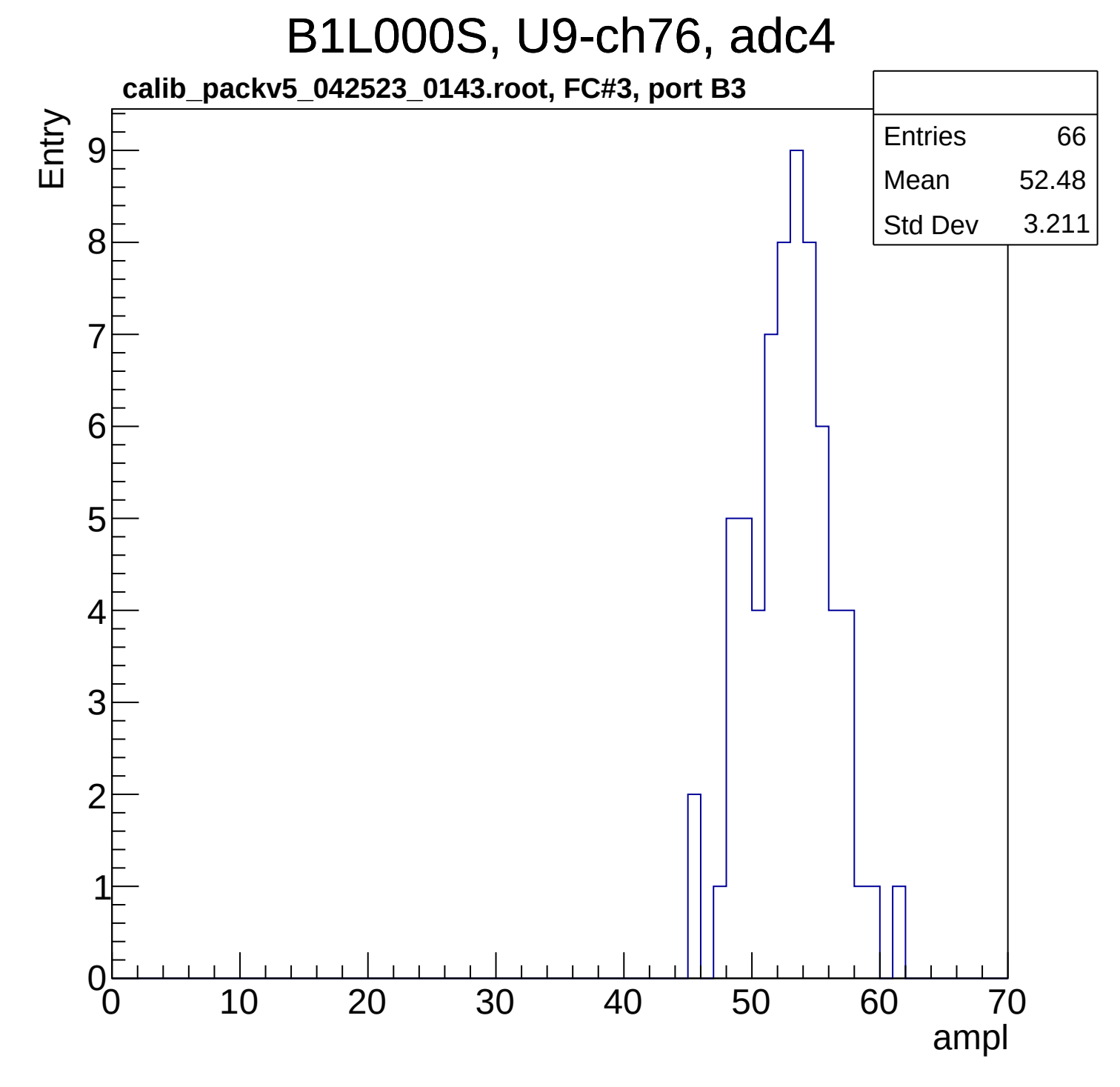
B1L000S, U9-ch76, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 52.48
Std Dev 3.211
Entry
ampl
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2
3
4
5
6
7
8
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0
10
20
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40
50
60
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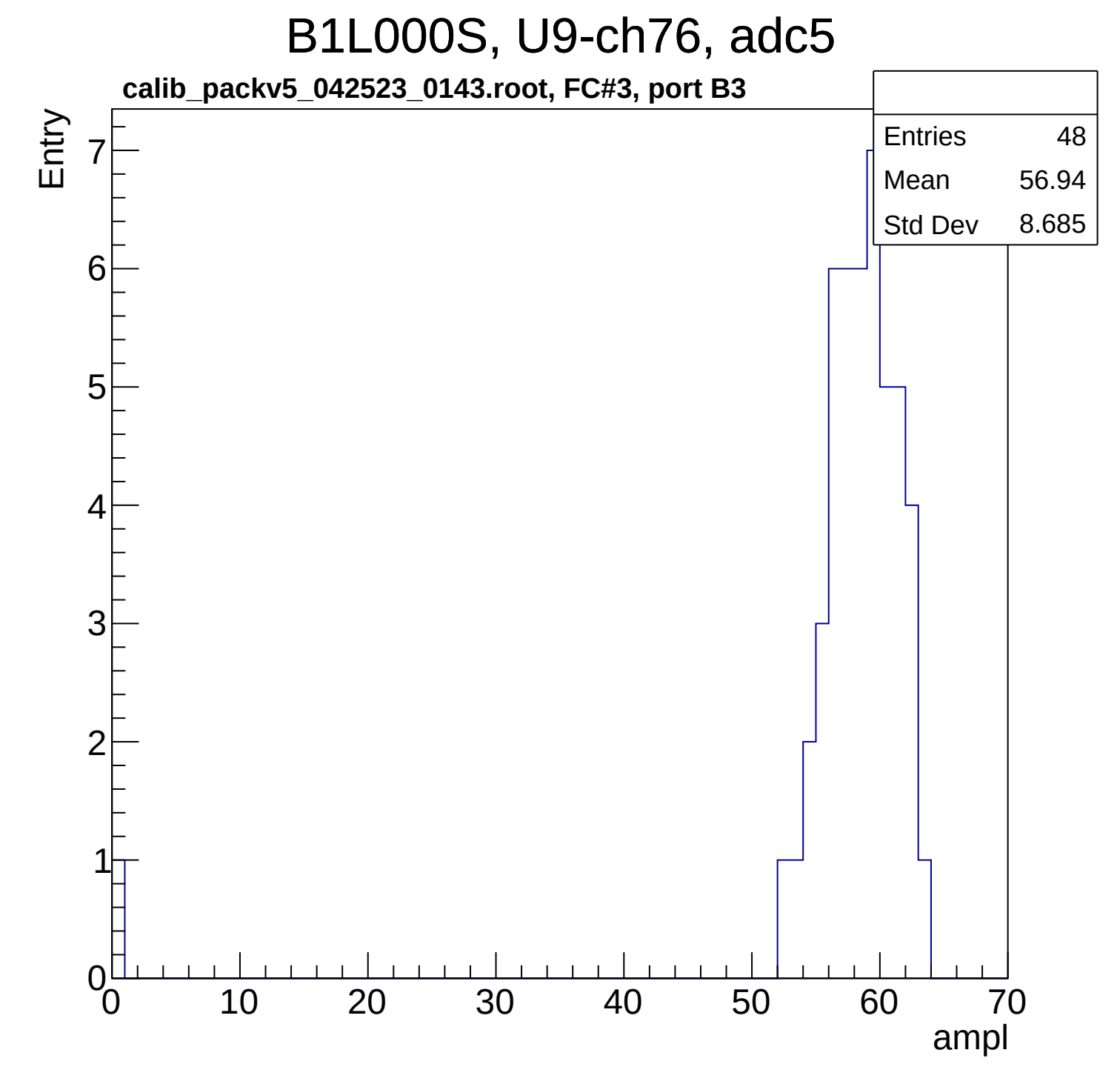
B1L000S, U9-ch76, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 56.94
Std Dev 8.685
Entry
ampl
0
1
2
3
4
5
6
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0
10
20
30
40
50
60
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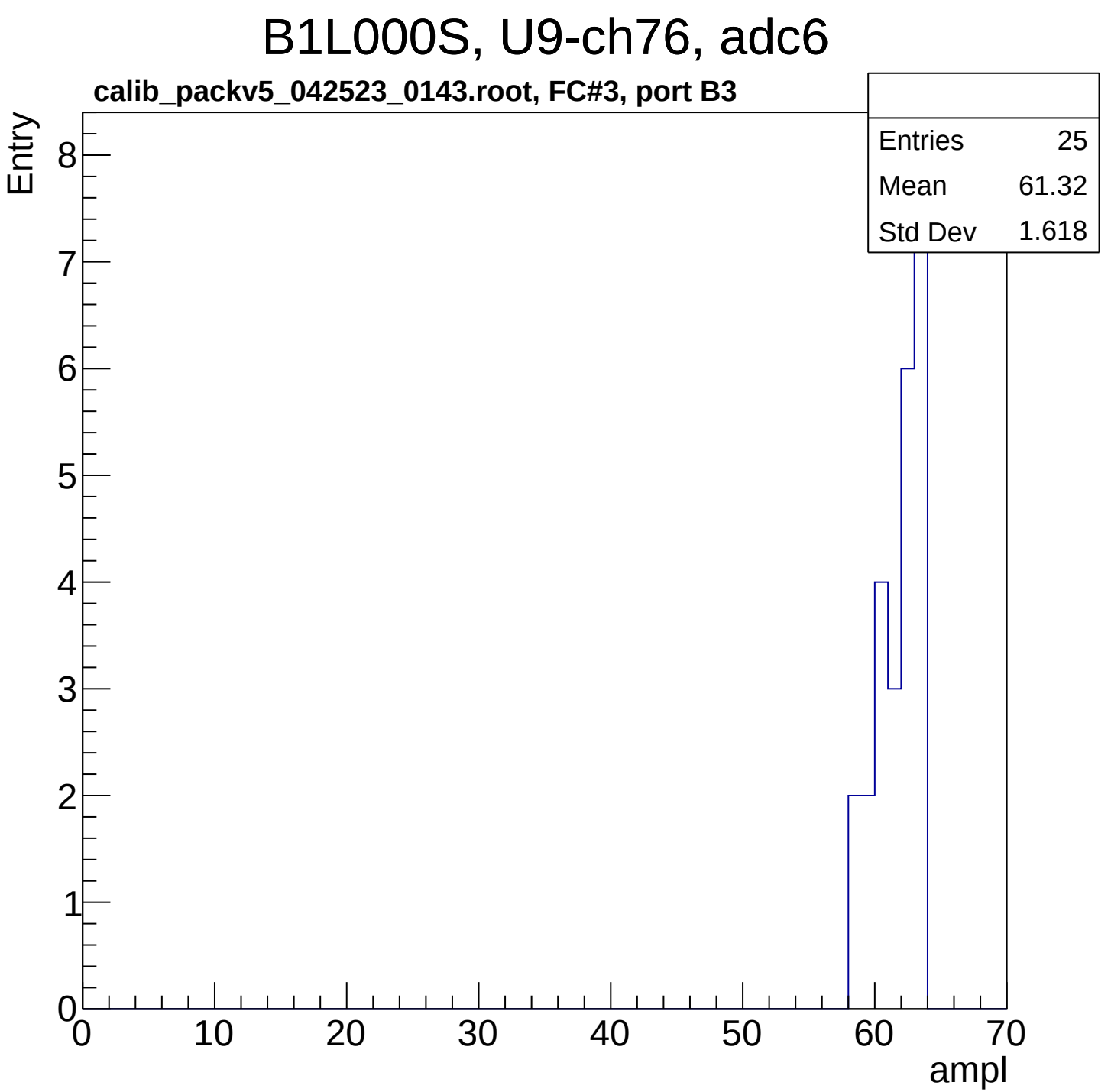
B1L000S, U9-ch76, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 25
Mean 61.32
Std Dev 1.618
Entry
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2
3
4
5
6
7
8
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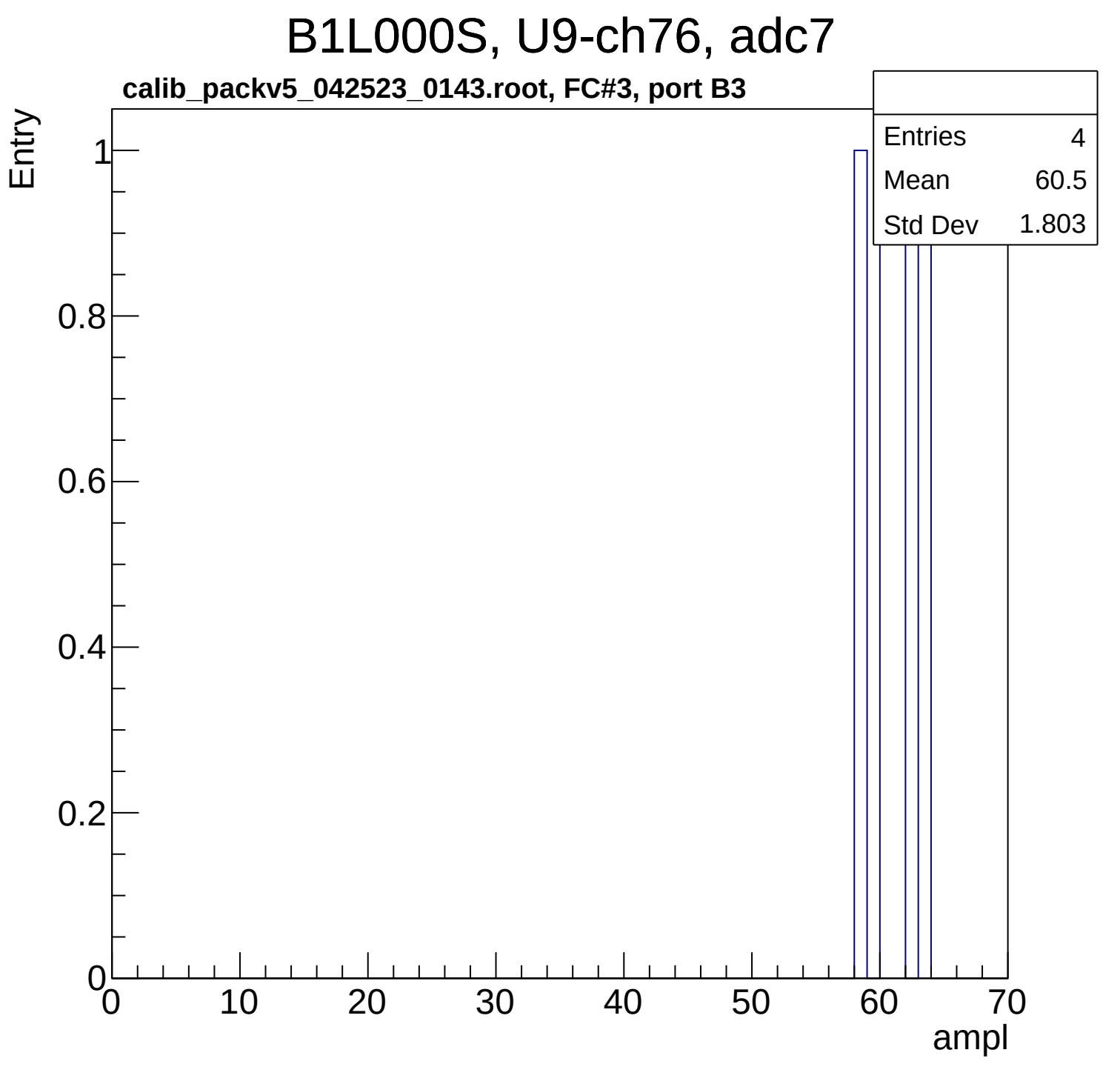
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch76, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 60.5
Std Dev 1.803
Entry
ampl
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0.2
0.4
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0
10
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40
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60
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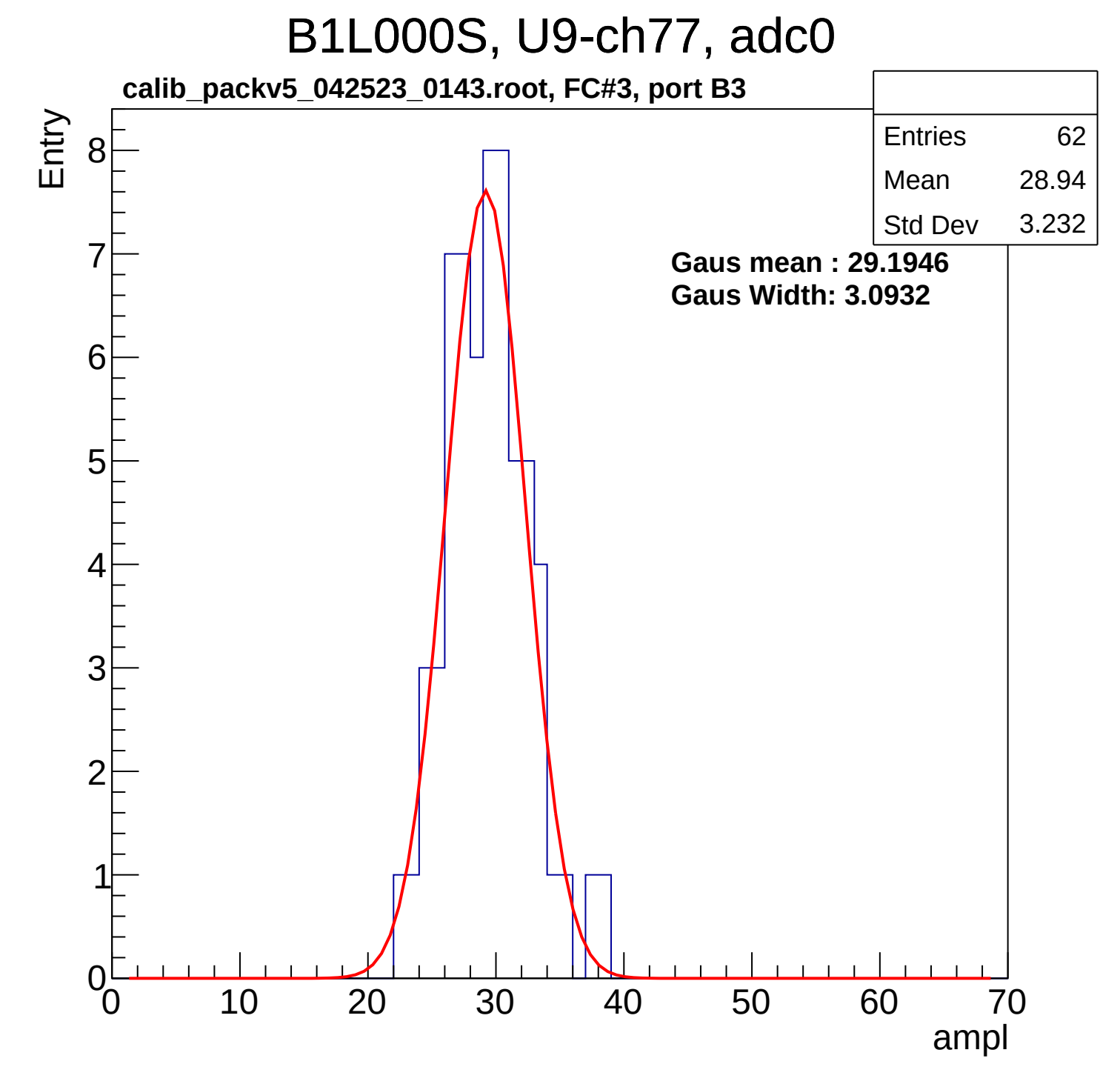
B1L000S, U9-ch77, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 28.94
Std Dev 3.232
Gaus mean : 29.1946
Gaus Width: 3.0932
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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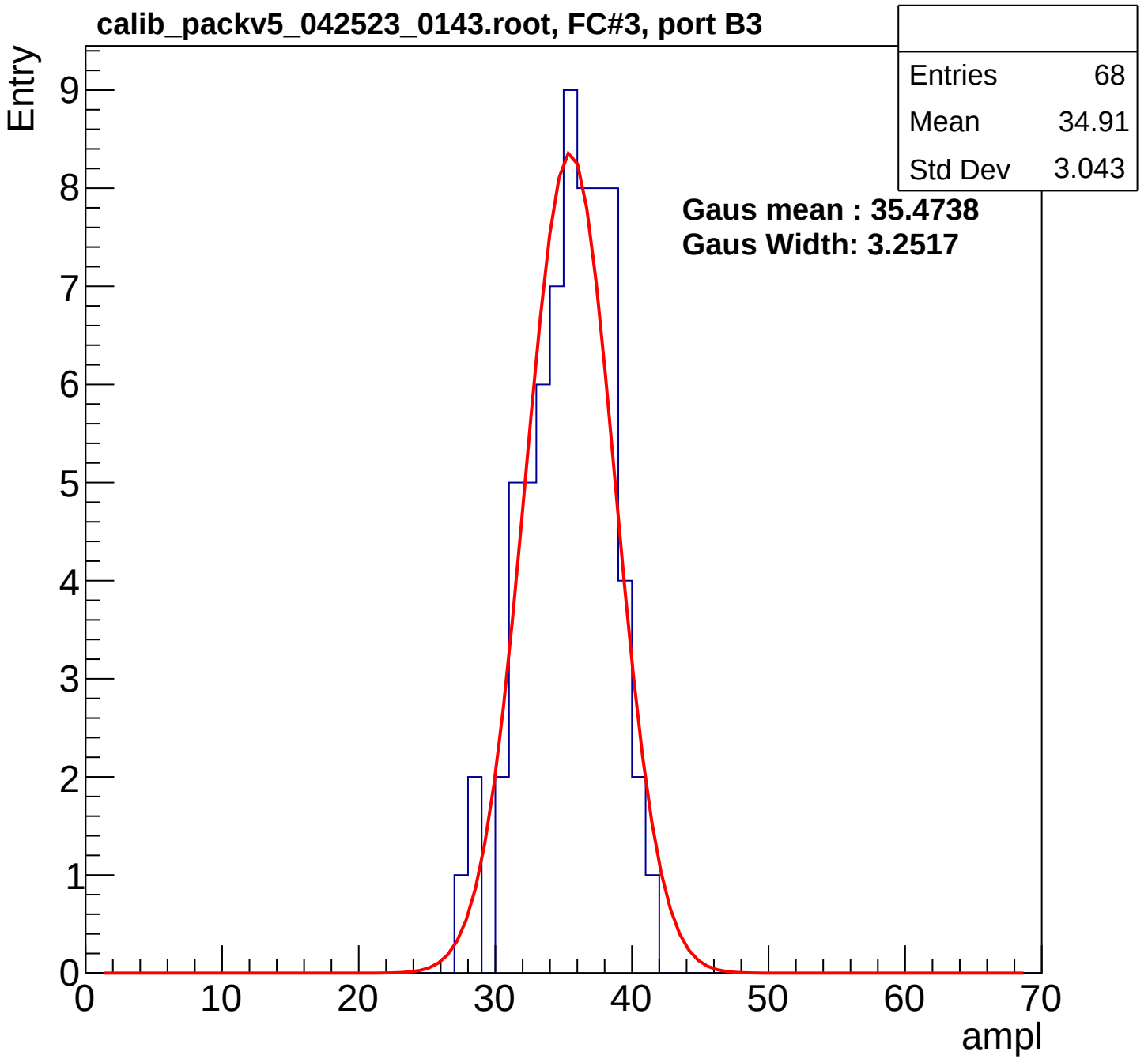
B1L000S, U9-ch77, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 34.91
Std Dev 3.043
Gaus mean : 35.4738
Gaus Width: 3.2517
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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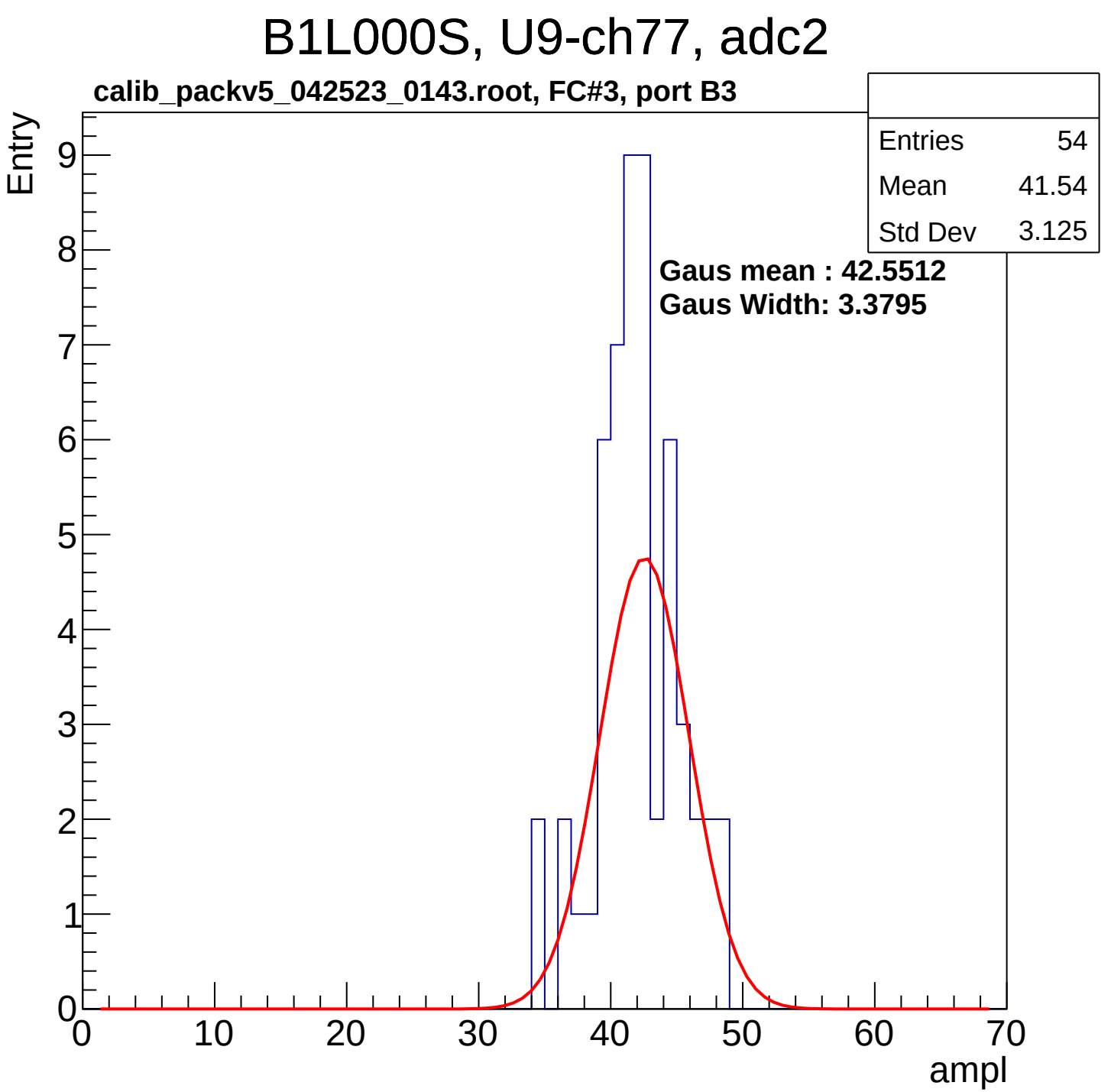
B1L000S, U9-ch77, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.54
Std Dev 3.125
Gaus mean : 42.5512
Gaus Width: 3.3795
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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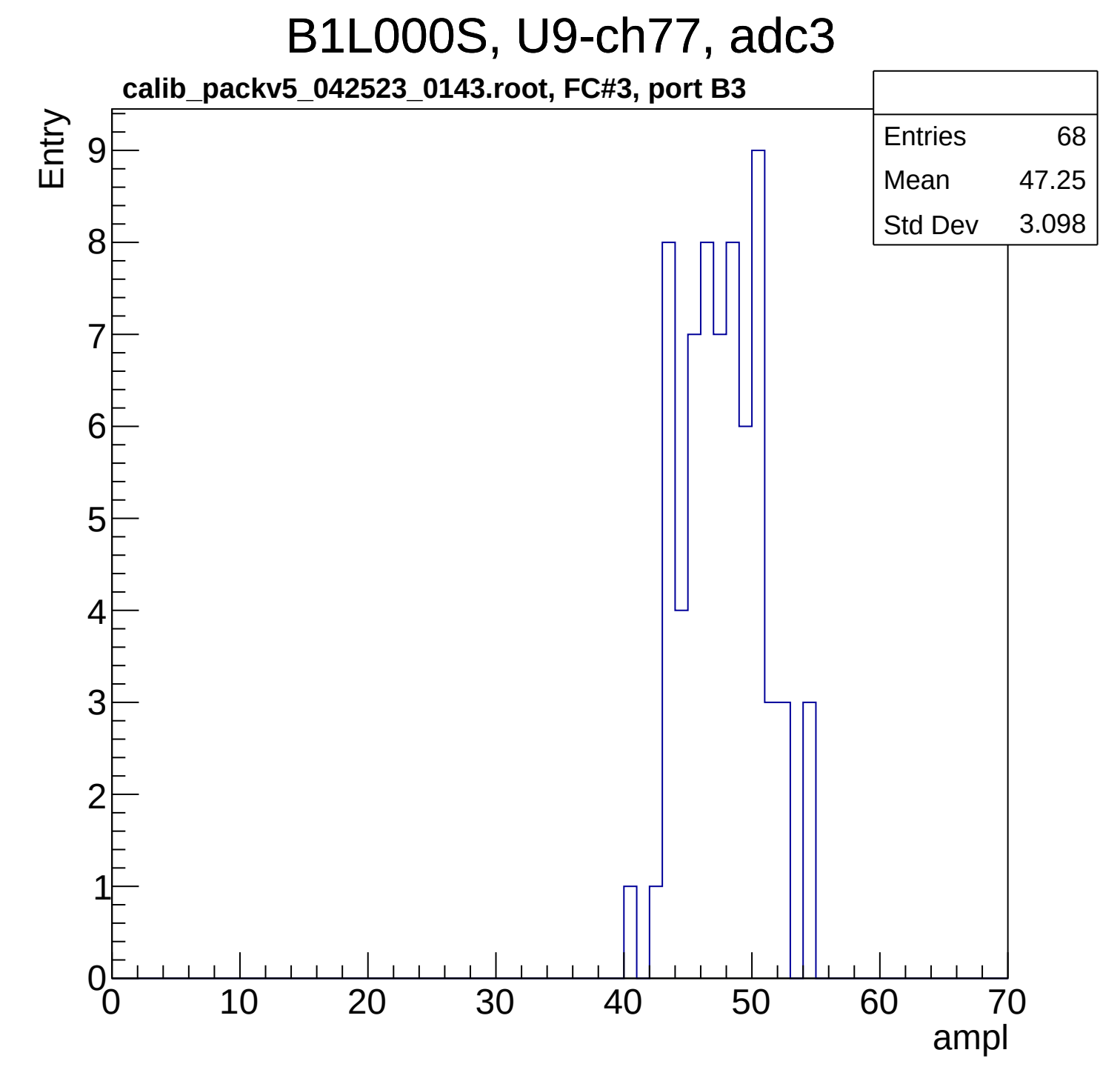
B1L000S, U9-ch77, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 47.25
Std Dev 3.098
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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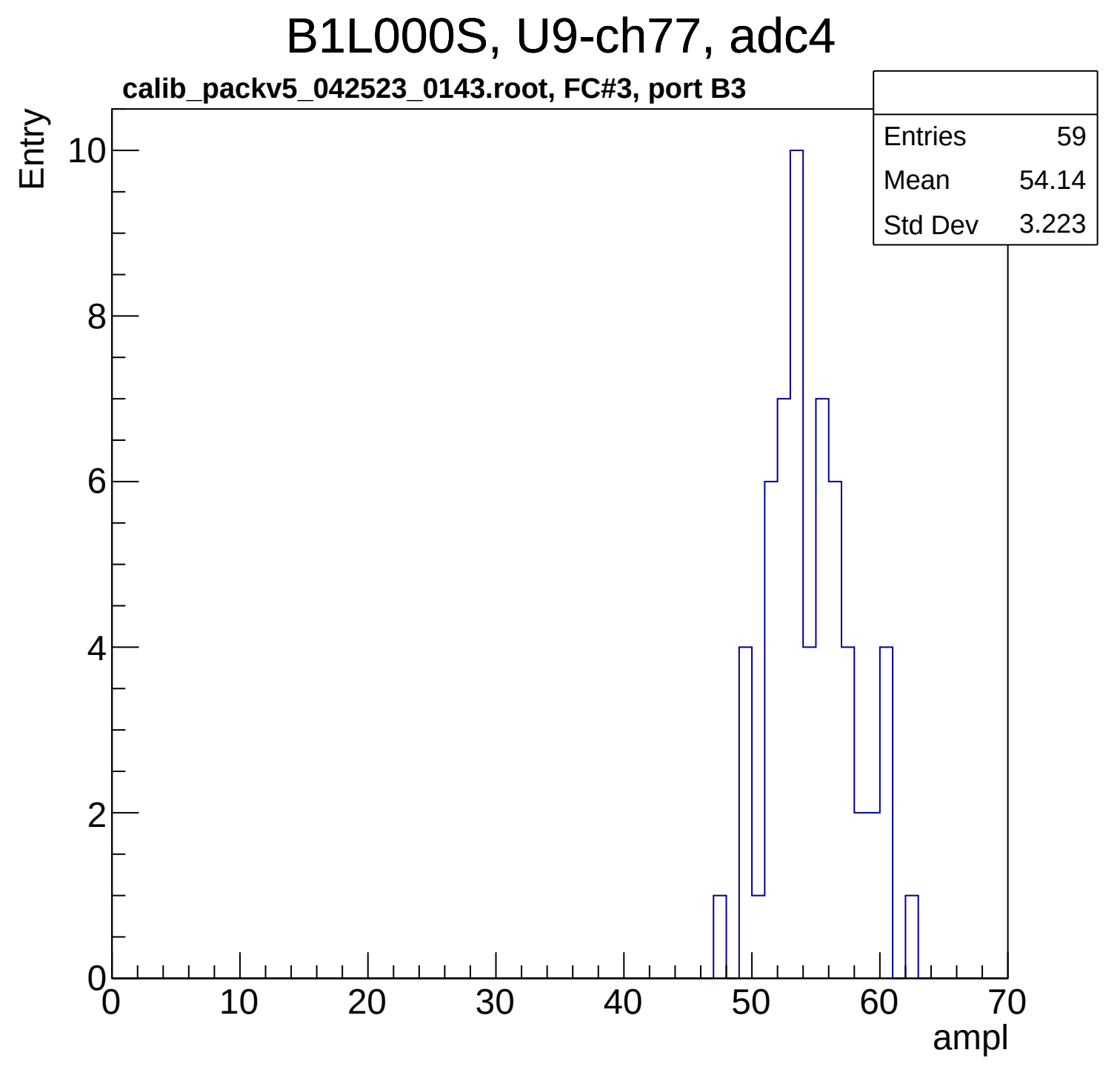
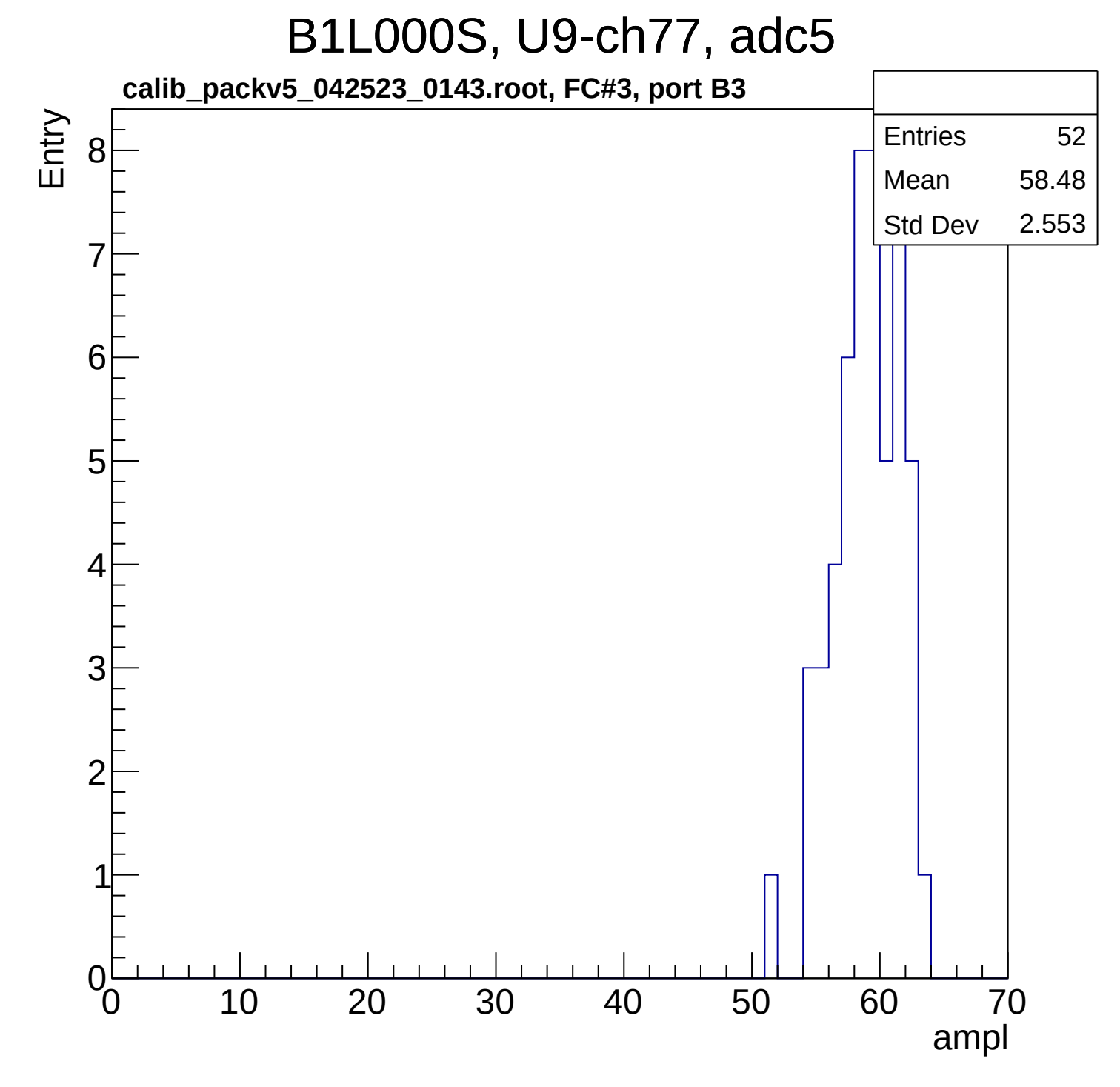
40
50
60
70


B1L000S, U9-ch77, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.14
Std Dev 3.223
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch77, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.48
Std Dev 2.553
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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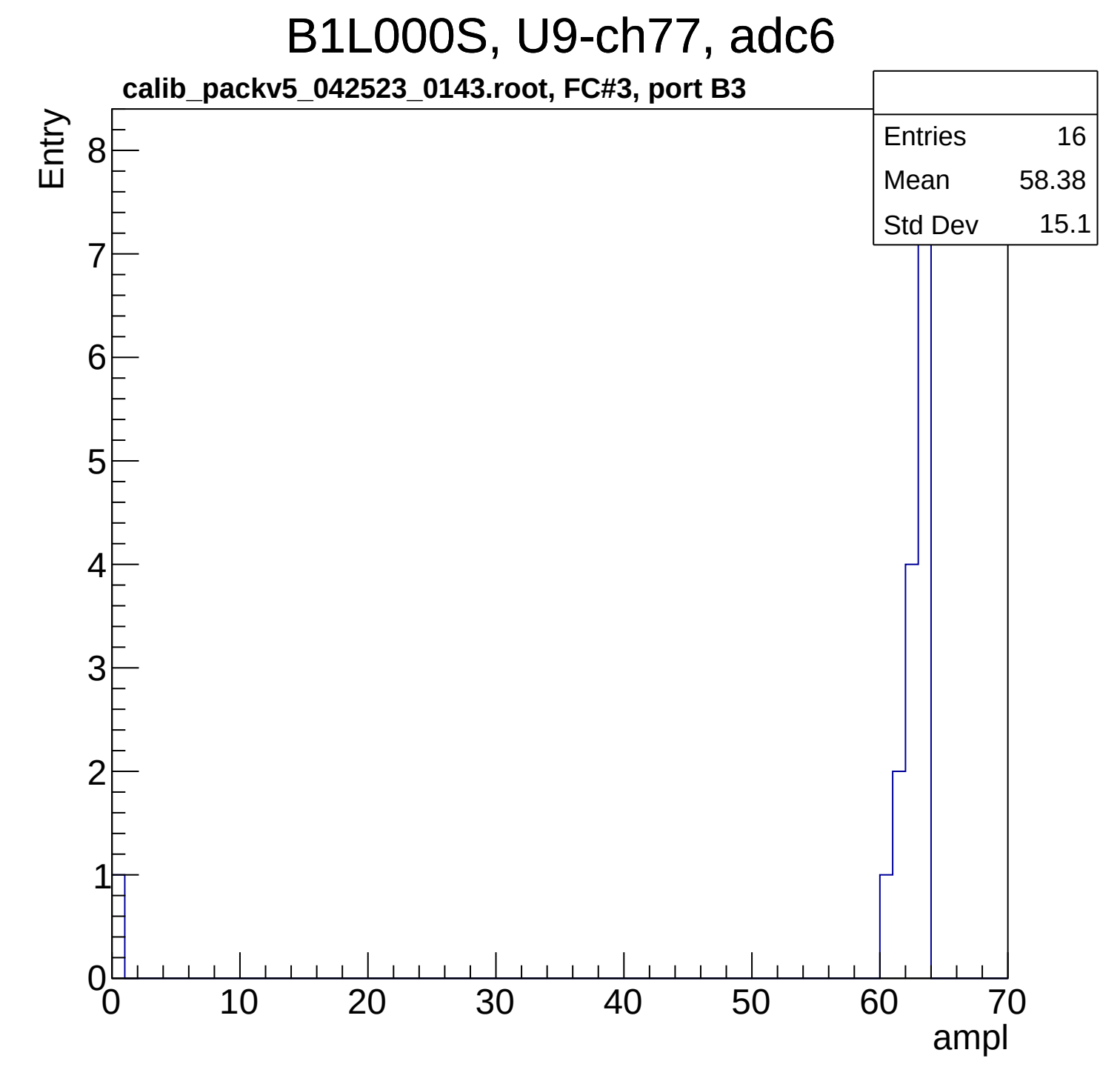
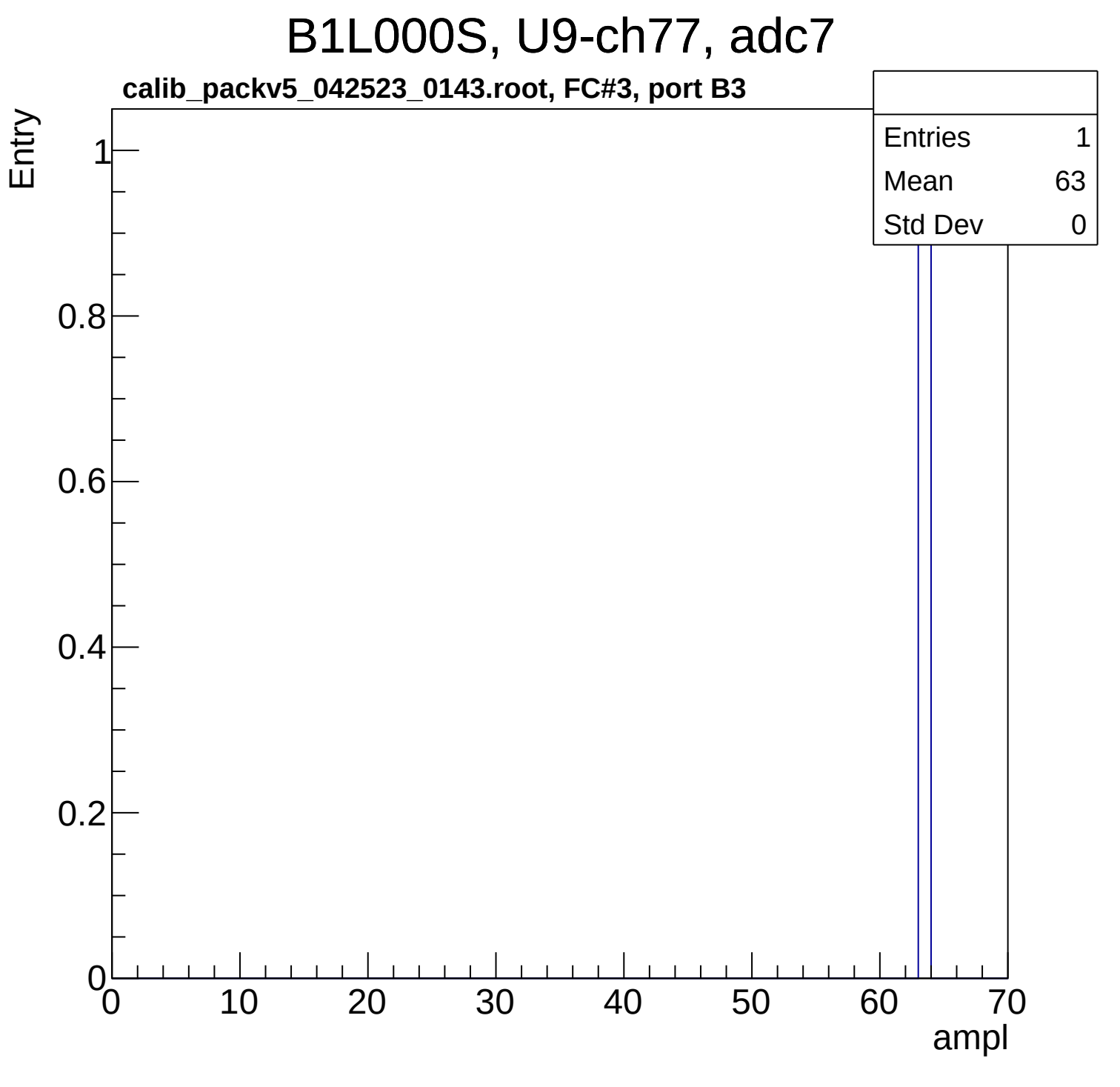
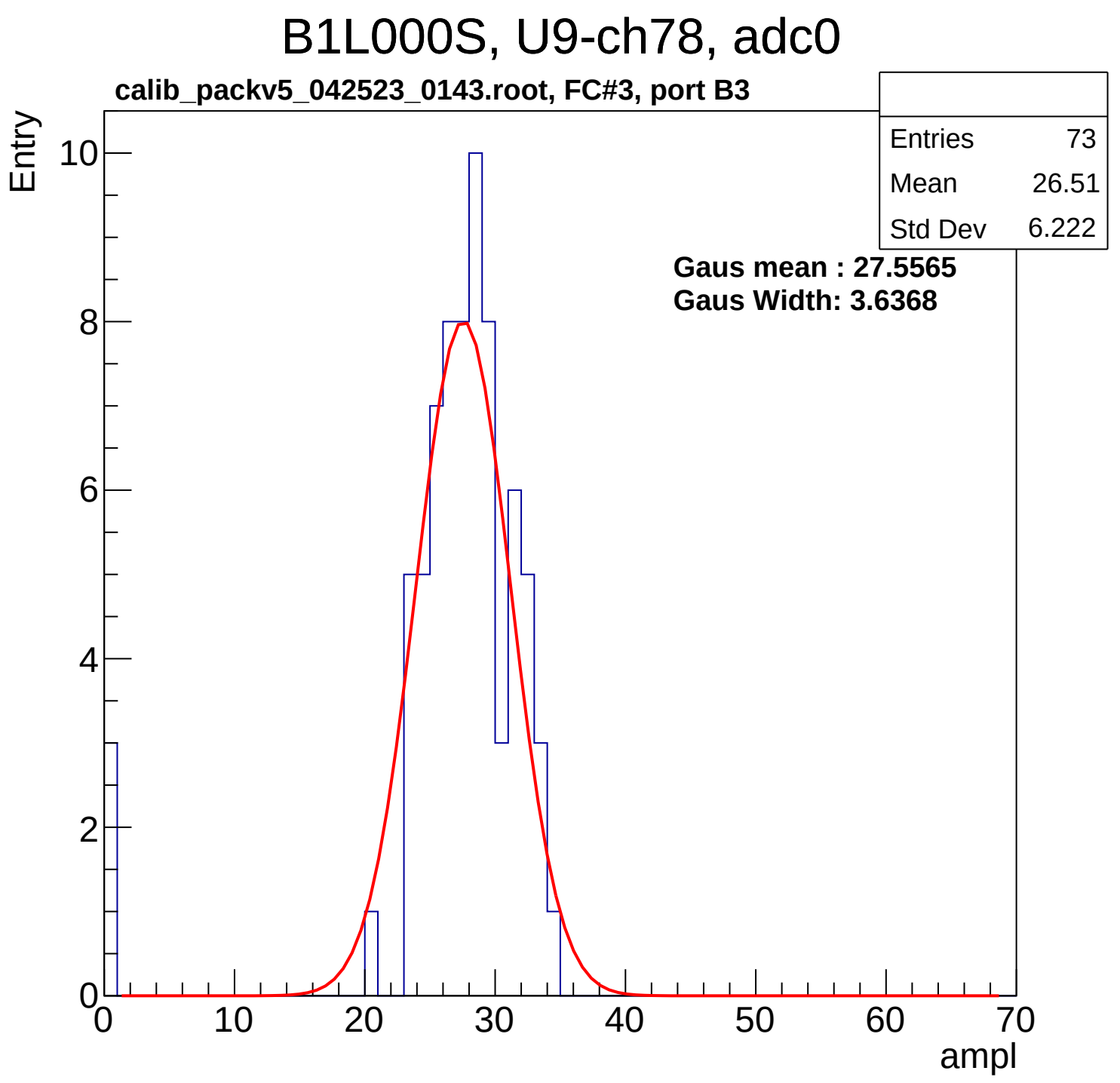
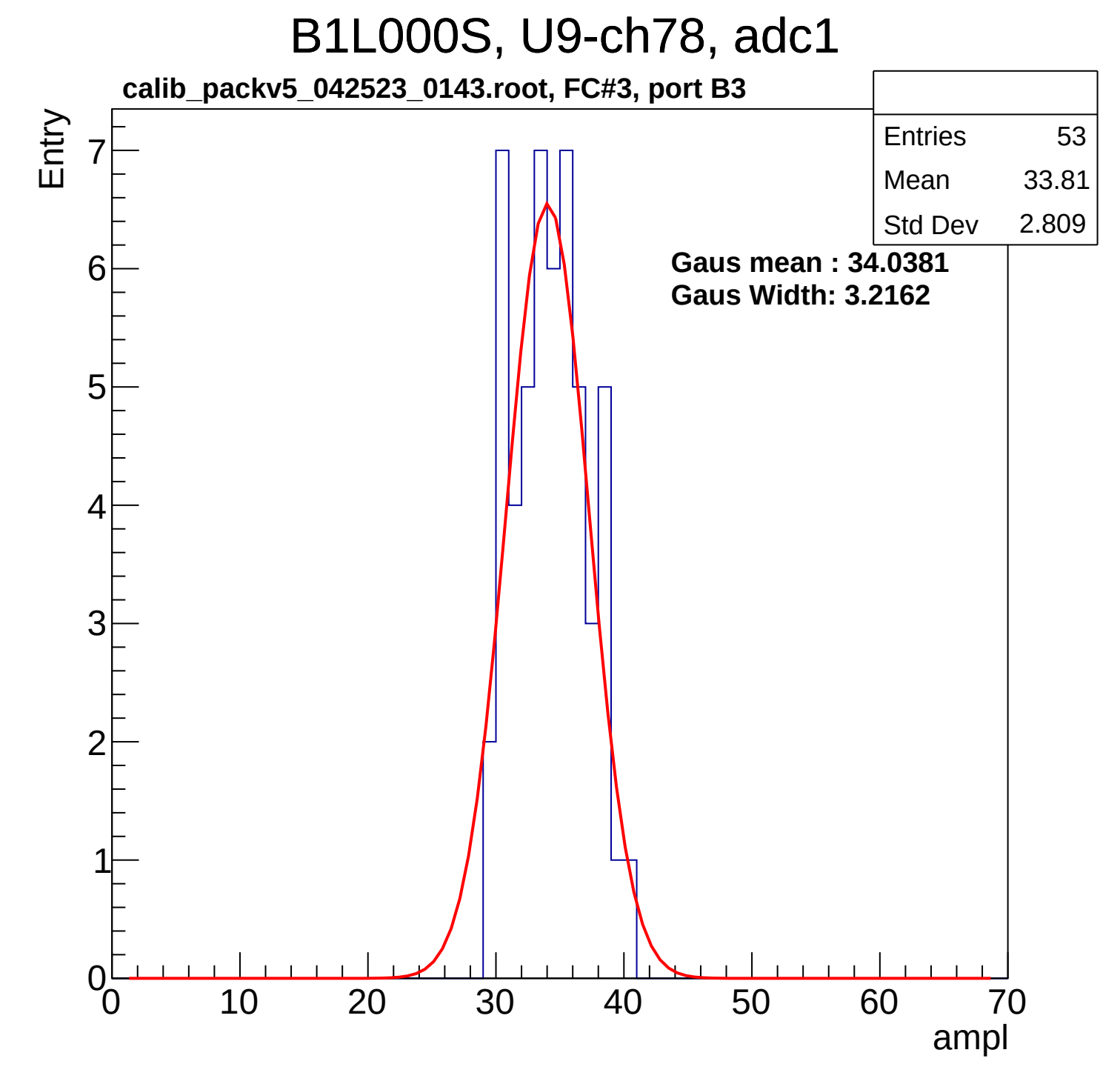
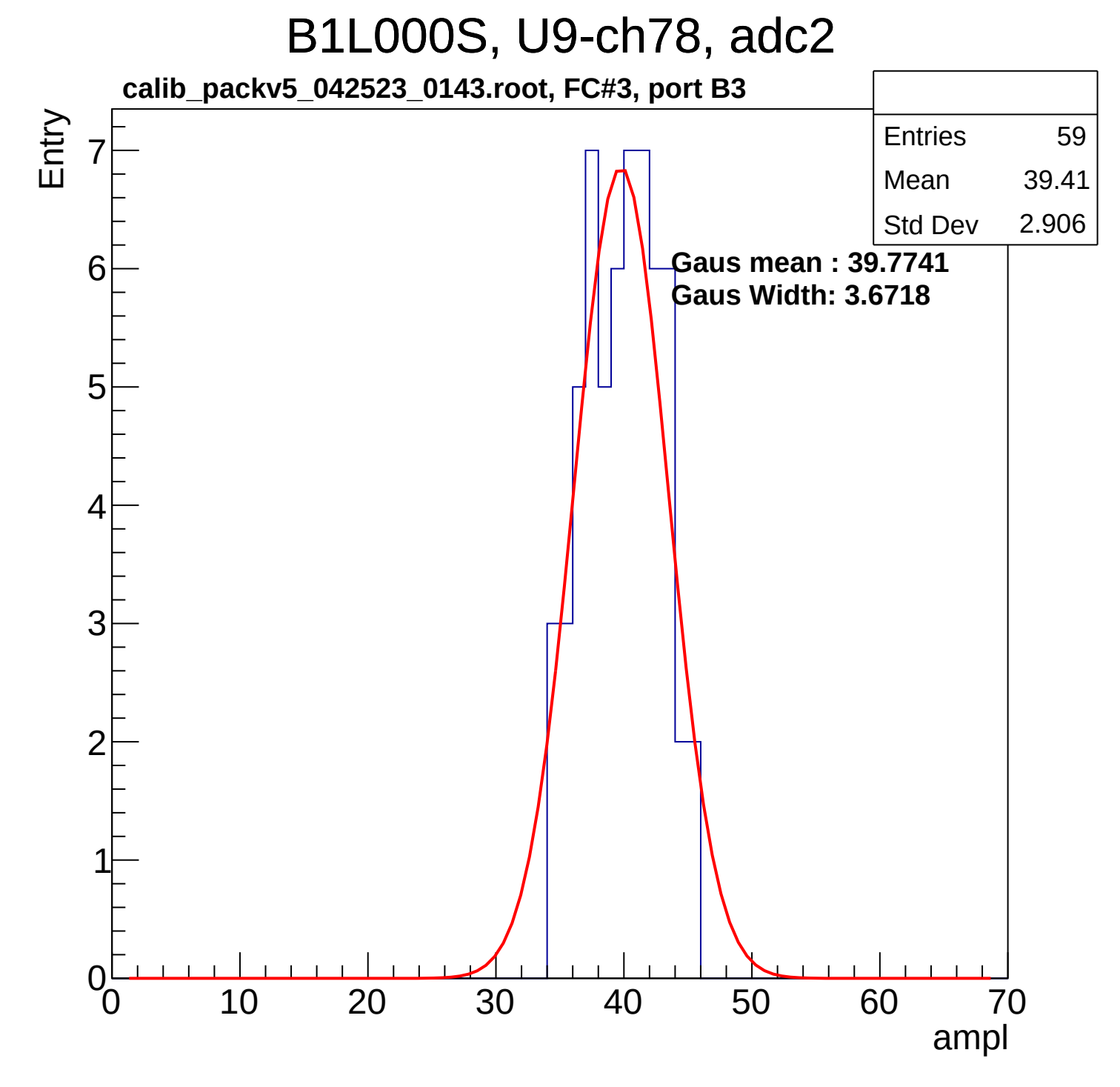
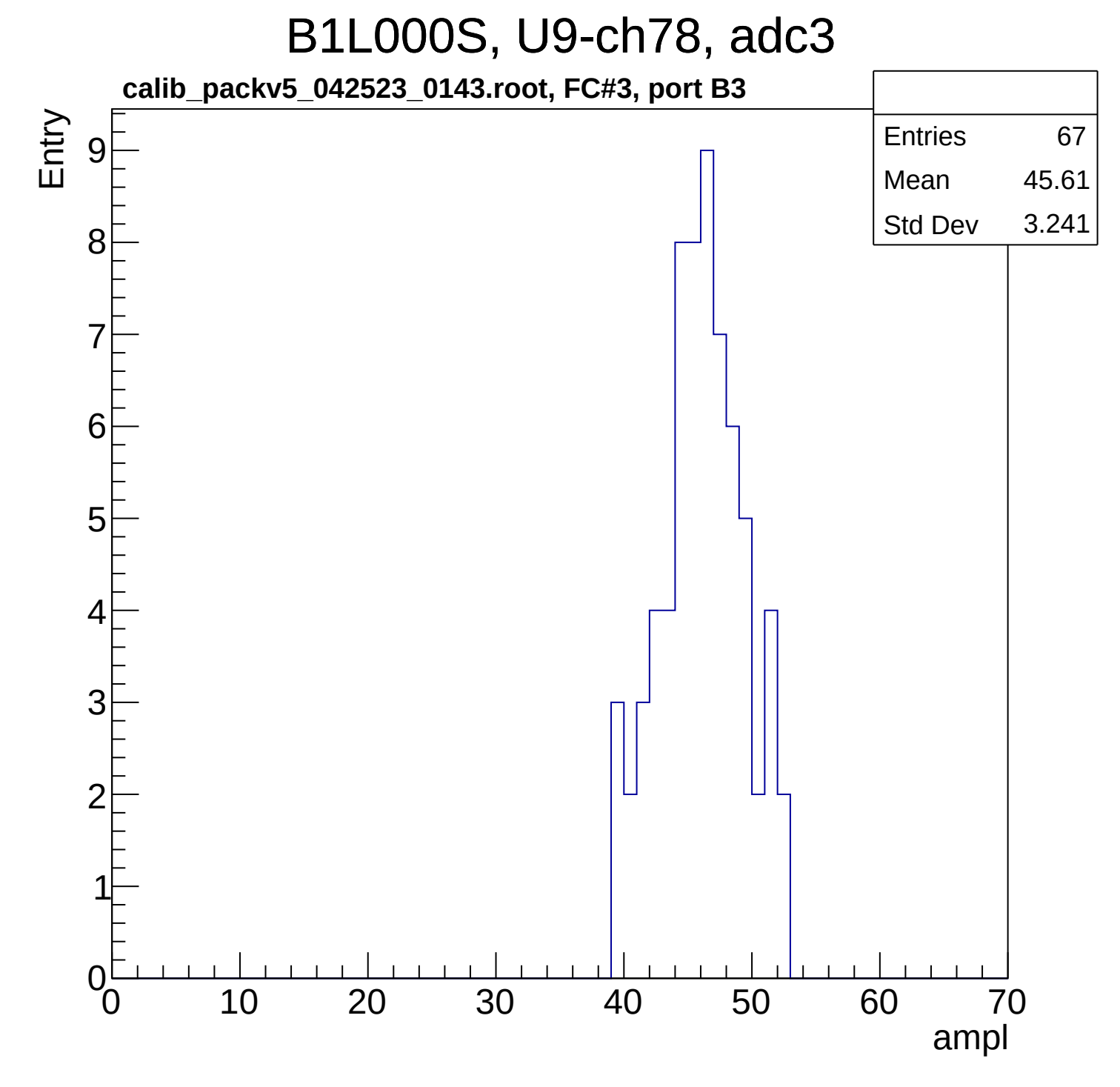

B1L000S, U9-ch77, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 58.38
Std Dev 15.1
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

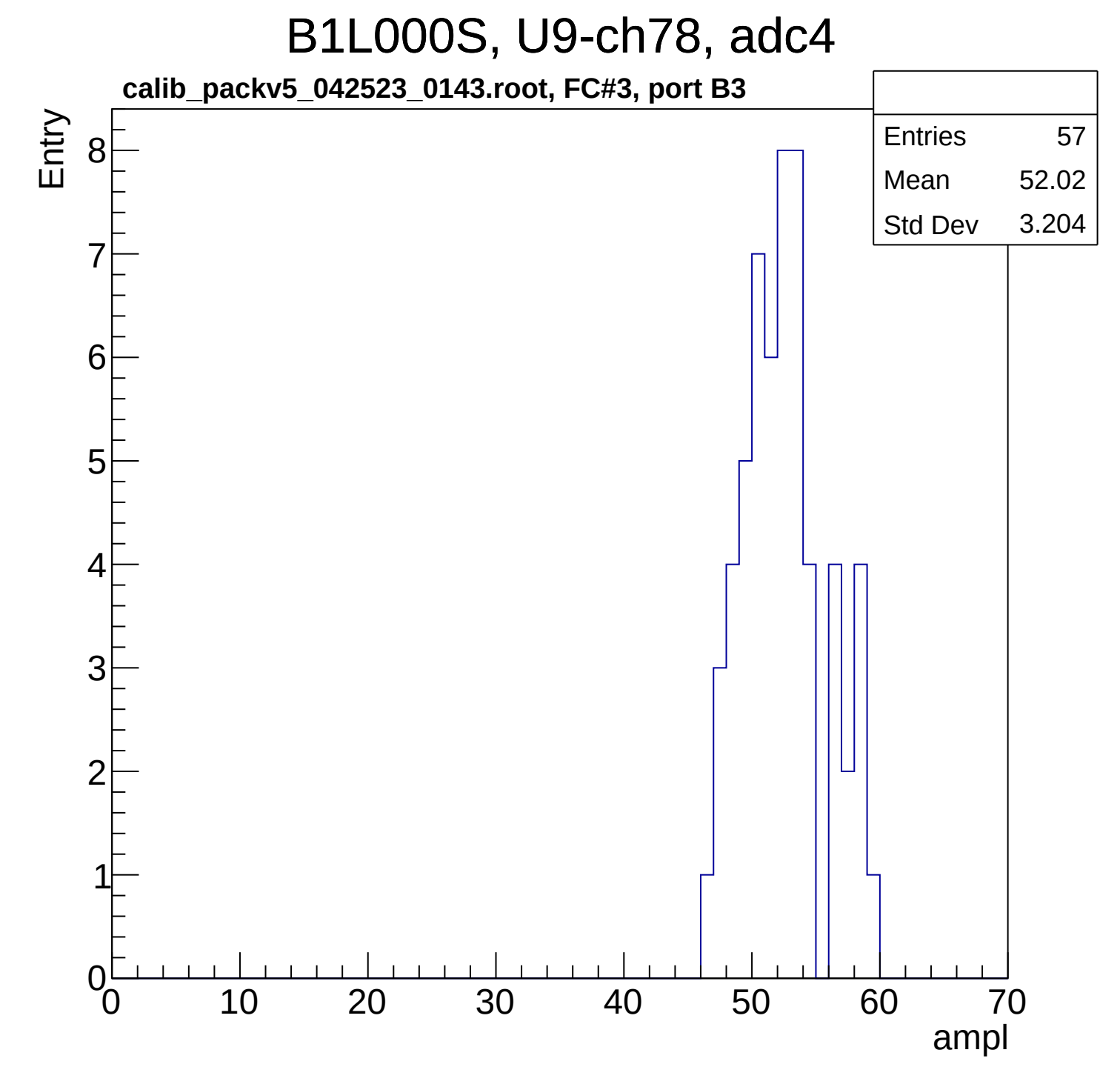

B1L000S, U9-ch77, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

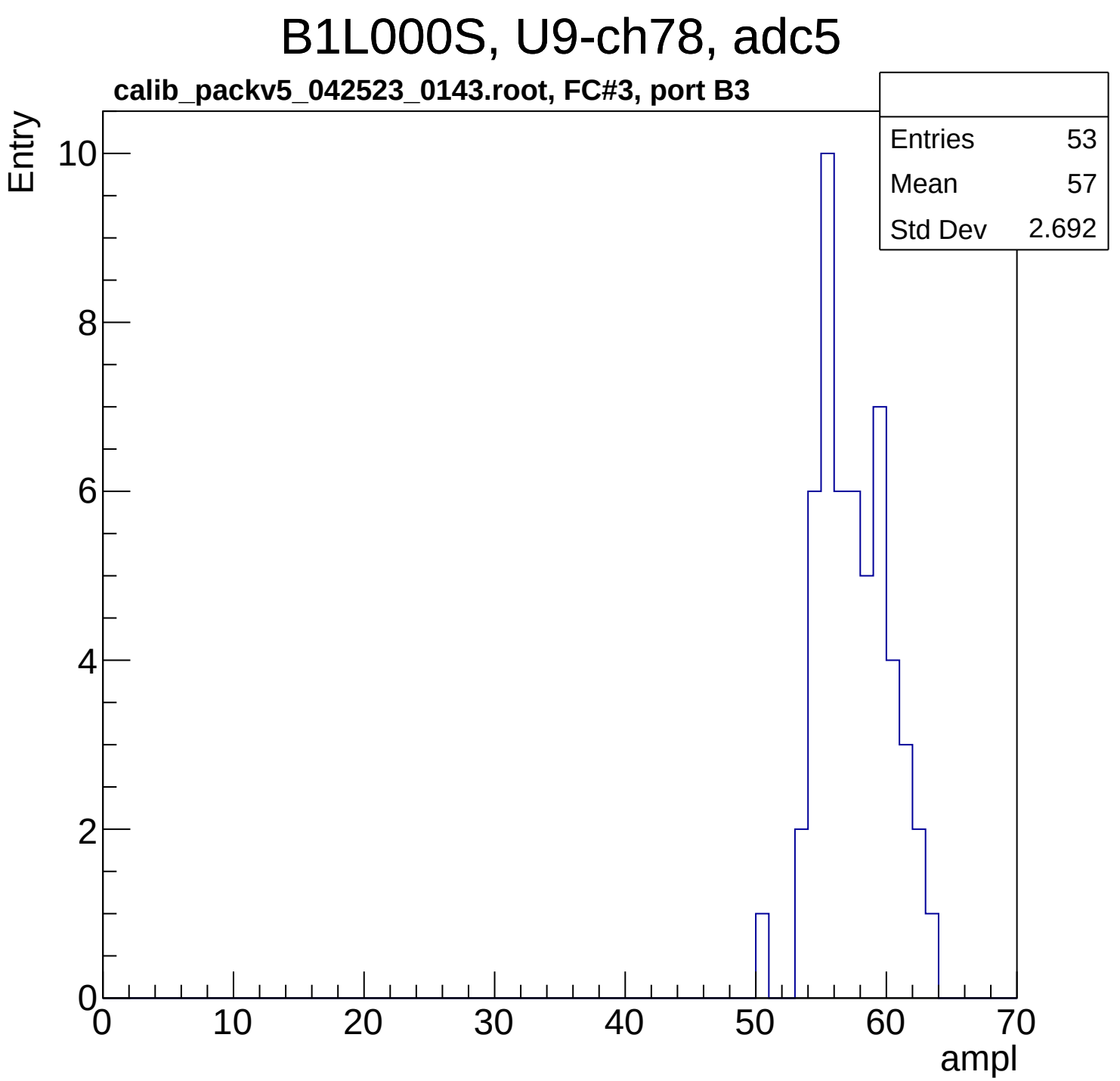

B1L000S, U9-ch78, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 26.51
Std Dev 6.222
Gaus mean : 27.5565
Gaus Width: 3.6368
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

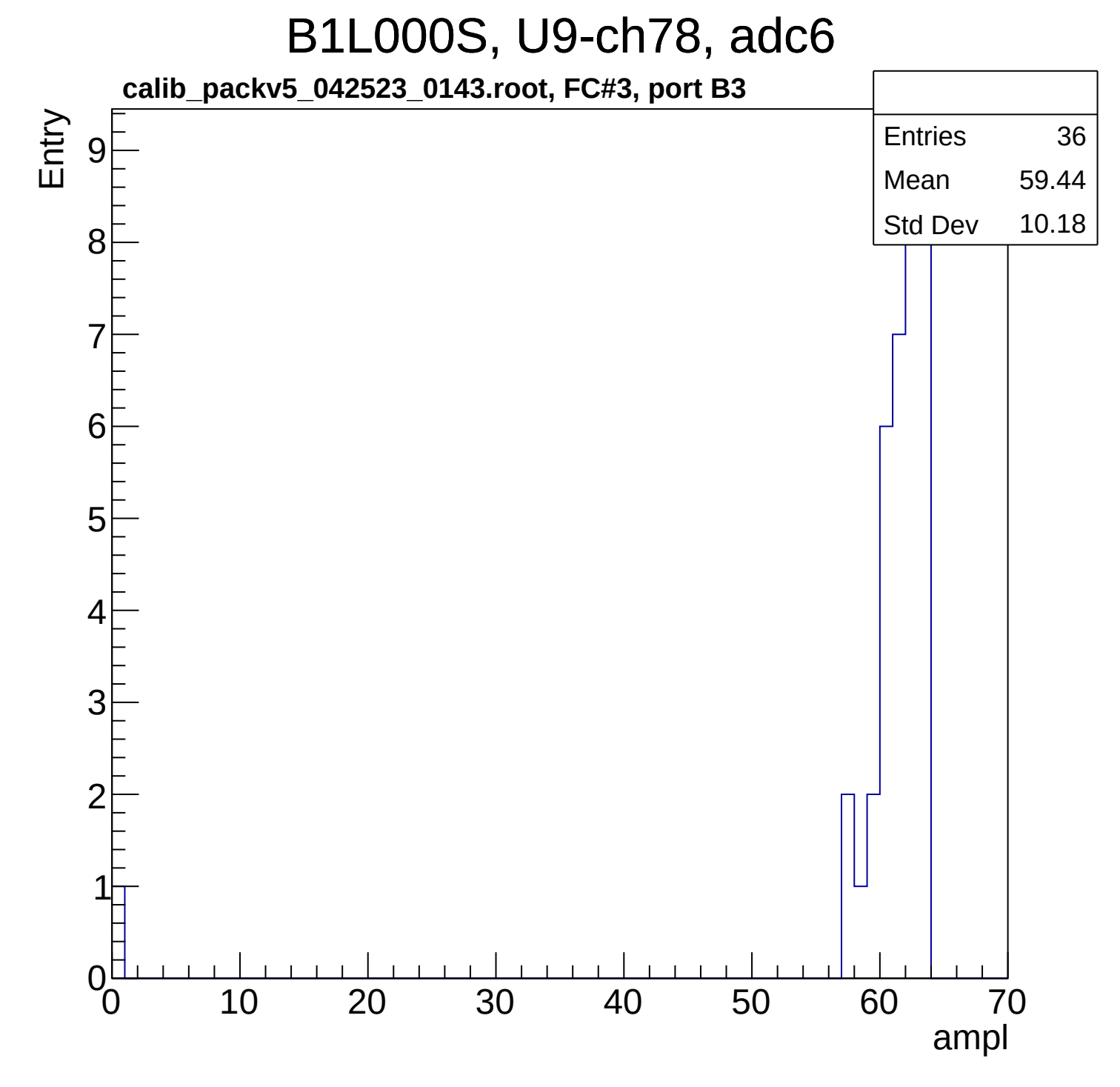

B1L000S, U9-ch78, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 33.81
Std Dev 2.809
Gaus mean : 34.0381
Gaus Width: 3.2162
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

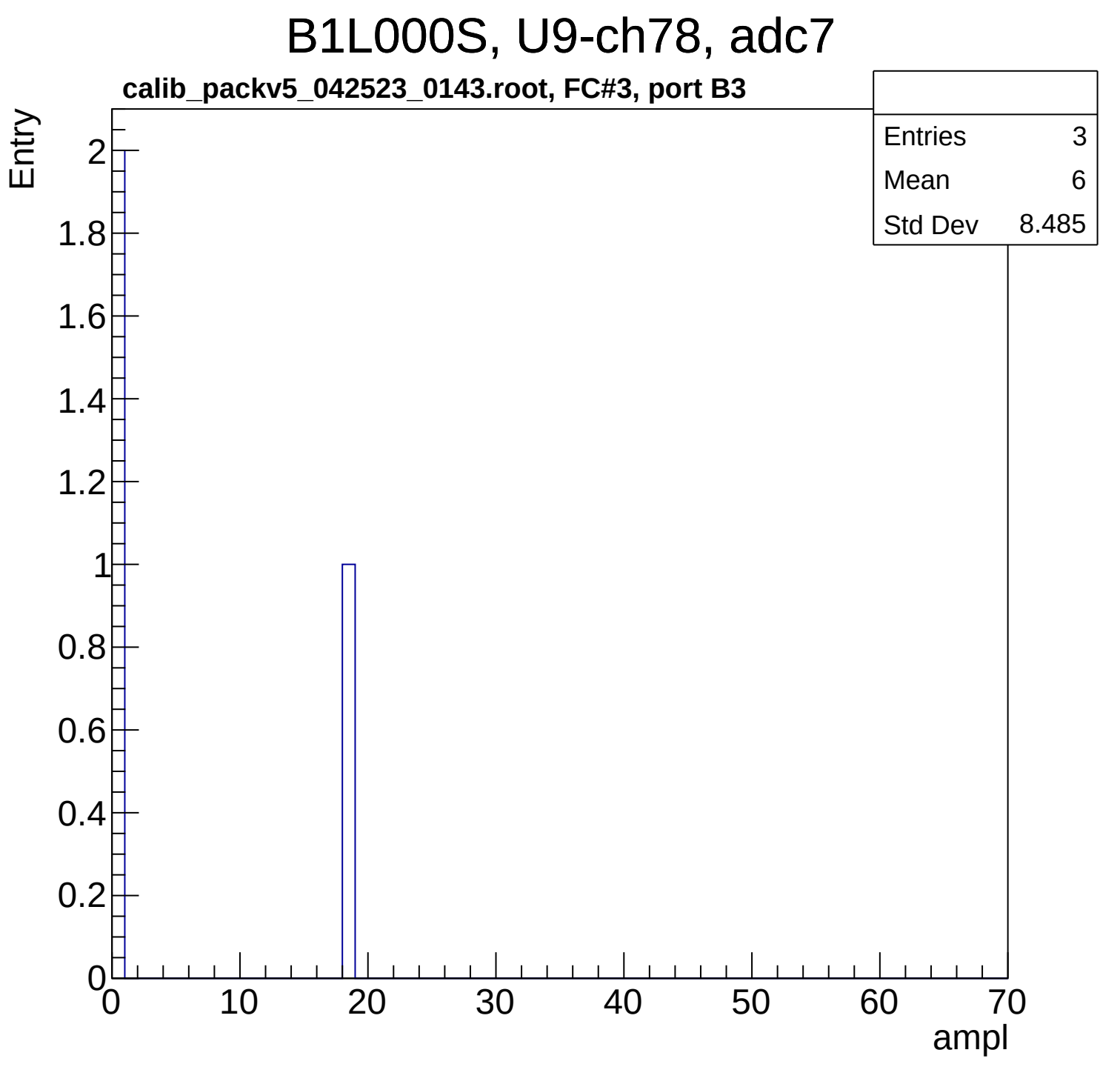

B1L000S, U9-ch78, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 39.41
Std Dev 2.906
Gaus mean : 39.7741
Gaus Width: 3.6718
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

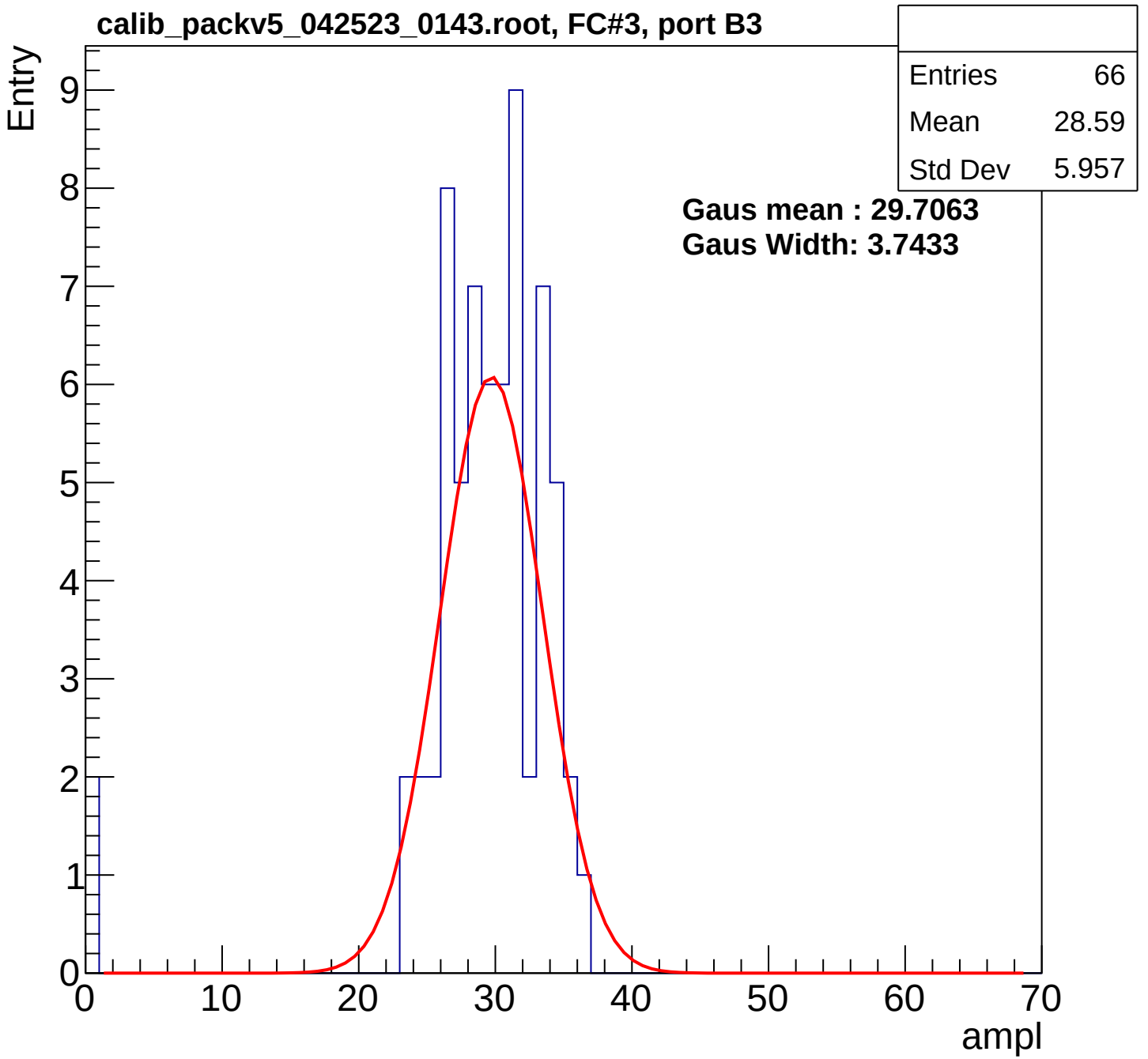

B1L000S, U9-ch78, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 45.61
Std Dev 3.241
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

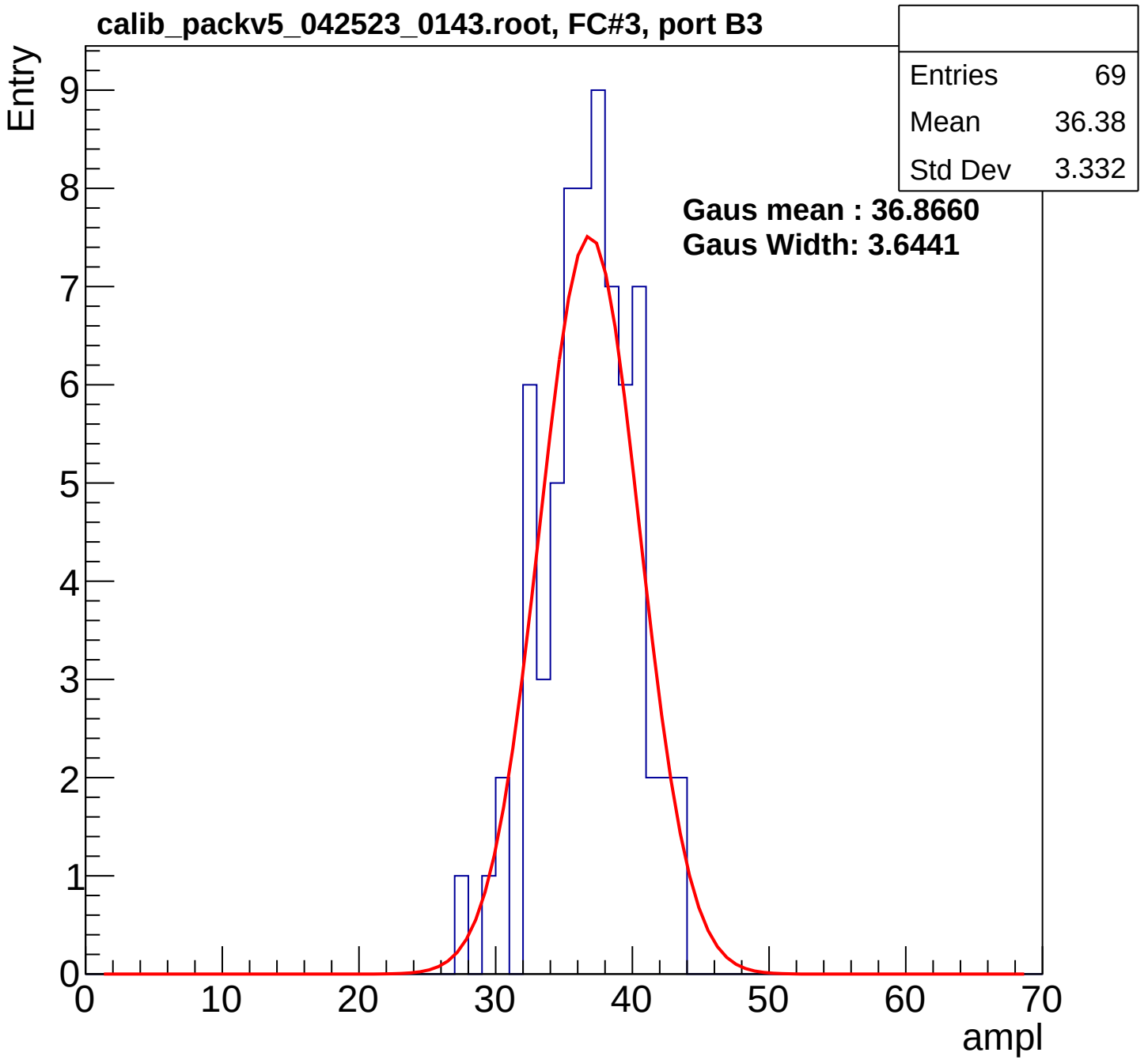

B1L000S, U9-ch78, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 52.02
Std Dev 3.204
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

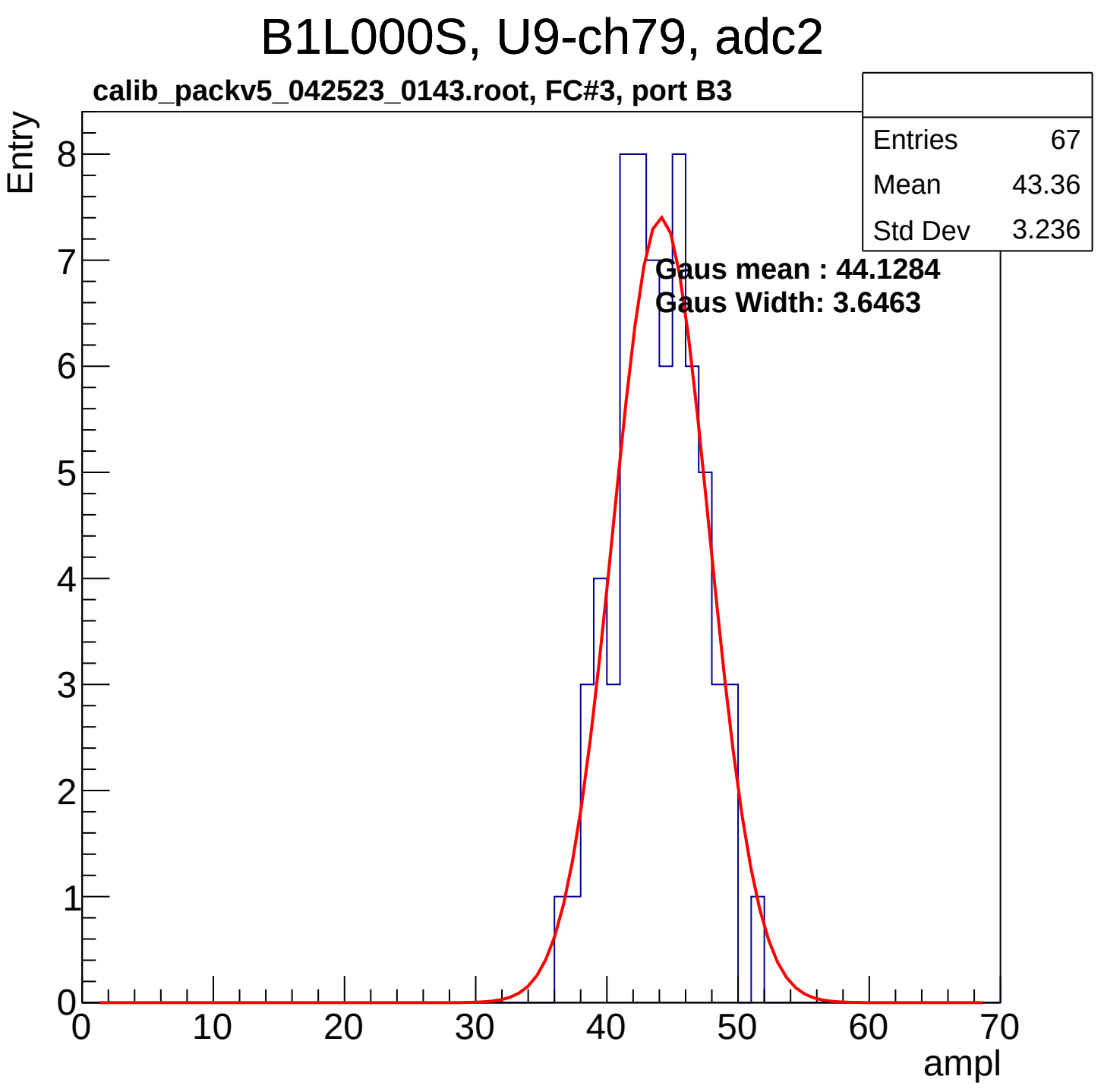

B1L000S, U9-ch78, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 57
Std Dev 2.692
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

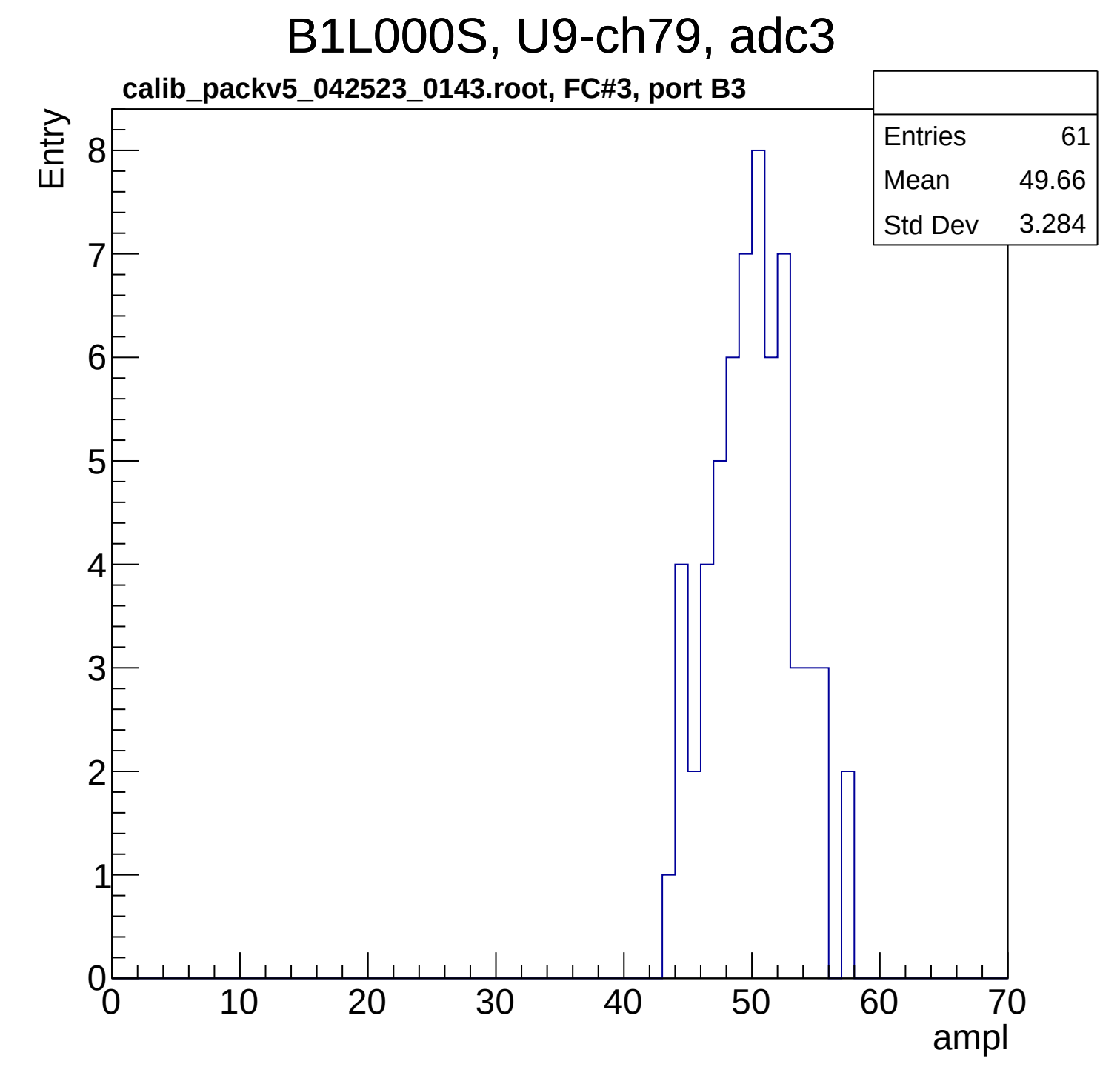

B1L000S, U9-ch78, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 36
Mean 59.44
Std Dev 10.18
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

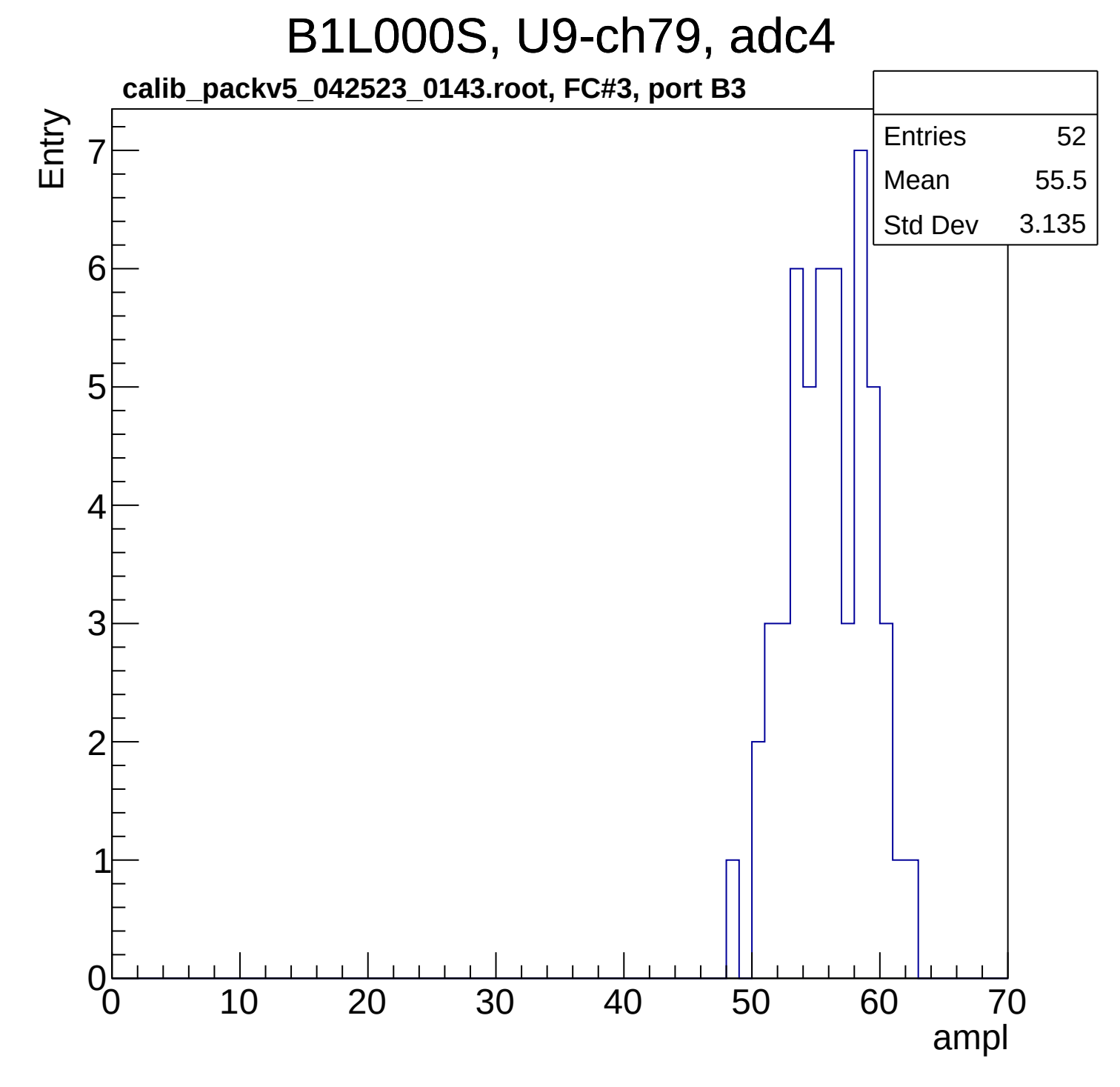

B1L000S, U9-ch78, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 6
Std Dev 8.485
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

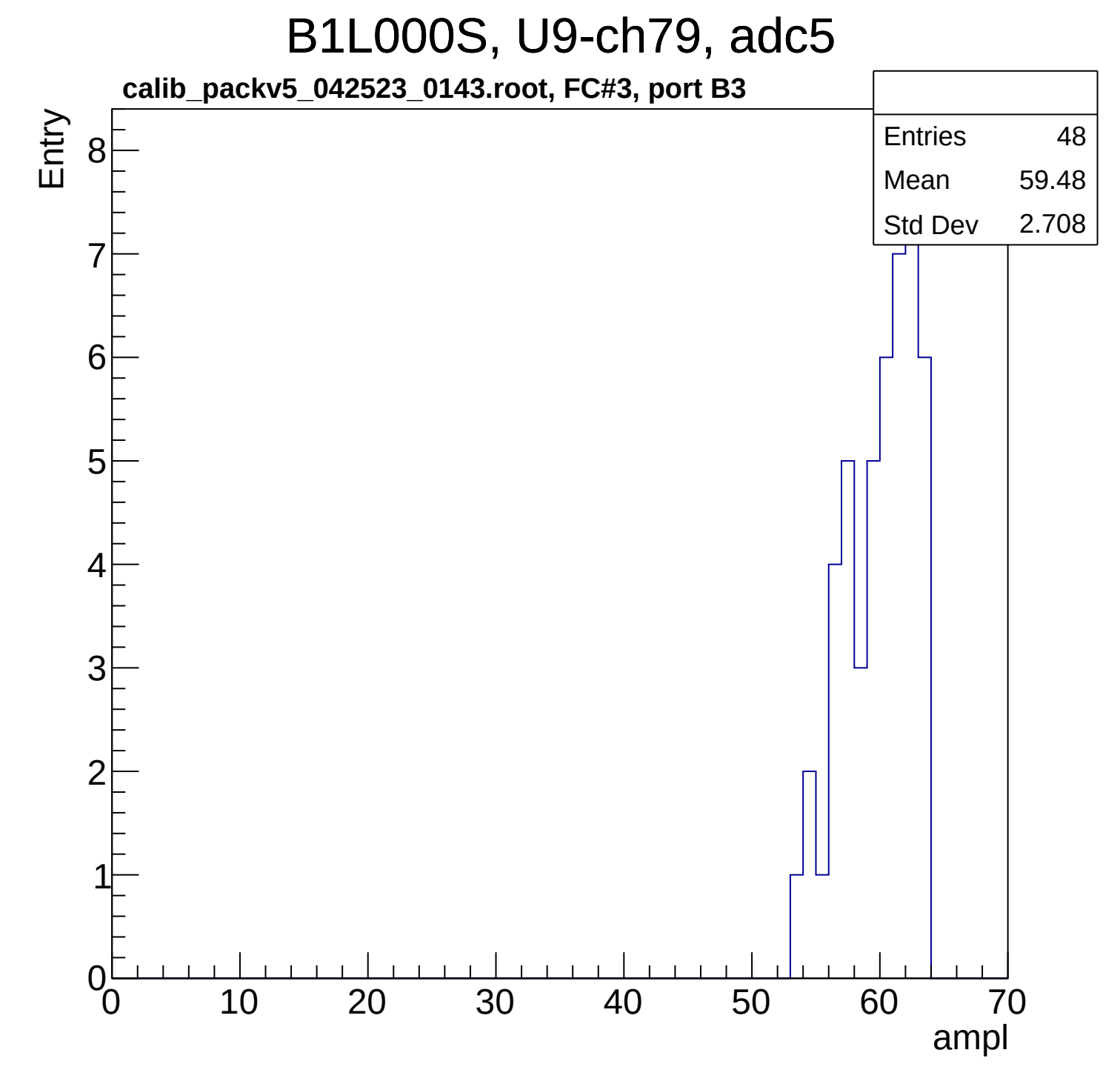

B1L000S, U9-ch79, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 28.59
Std Dev 5.957
Gaus mean : 29.7063
Gaus Width: 3.7433
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch79, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 36.38
Std Dev 3.332
Gaus mean : 36.8660
Gaus Width: 3.6441
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch79, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 43.36
Std Dev 3.236
Gaus mean : 44.1284
Gaus Width: 3.6463
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch79, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 49.66
Std Dev 3.284
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch79, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 55.5
Std Dev 3.135
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch79, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 59.48
Std Dev 2.708
Entry
ampl
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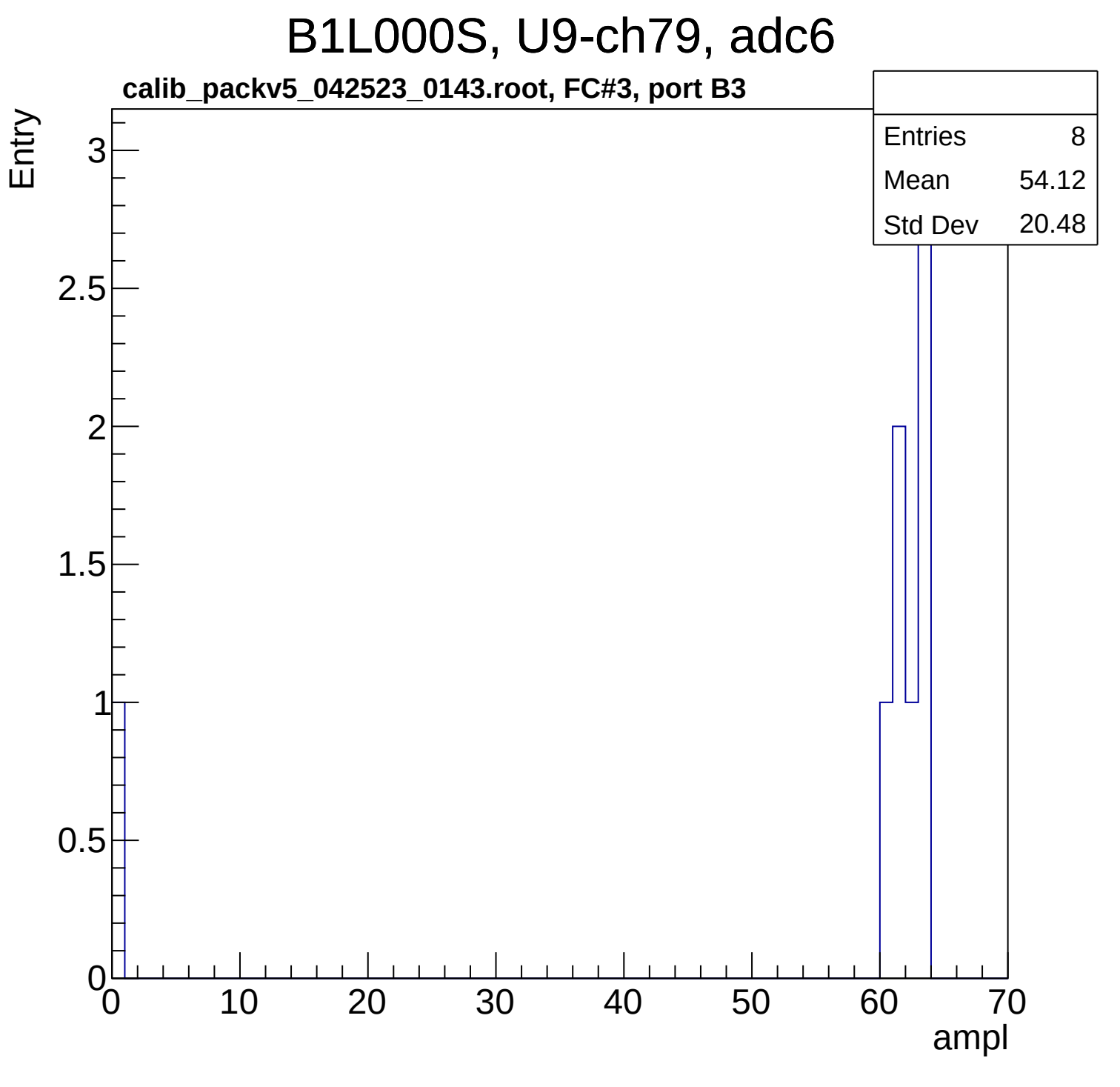
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch79, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 54.12
Std Dev 20.48
Entry
0
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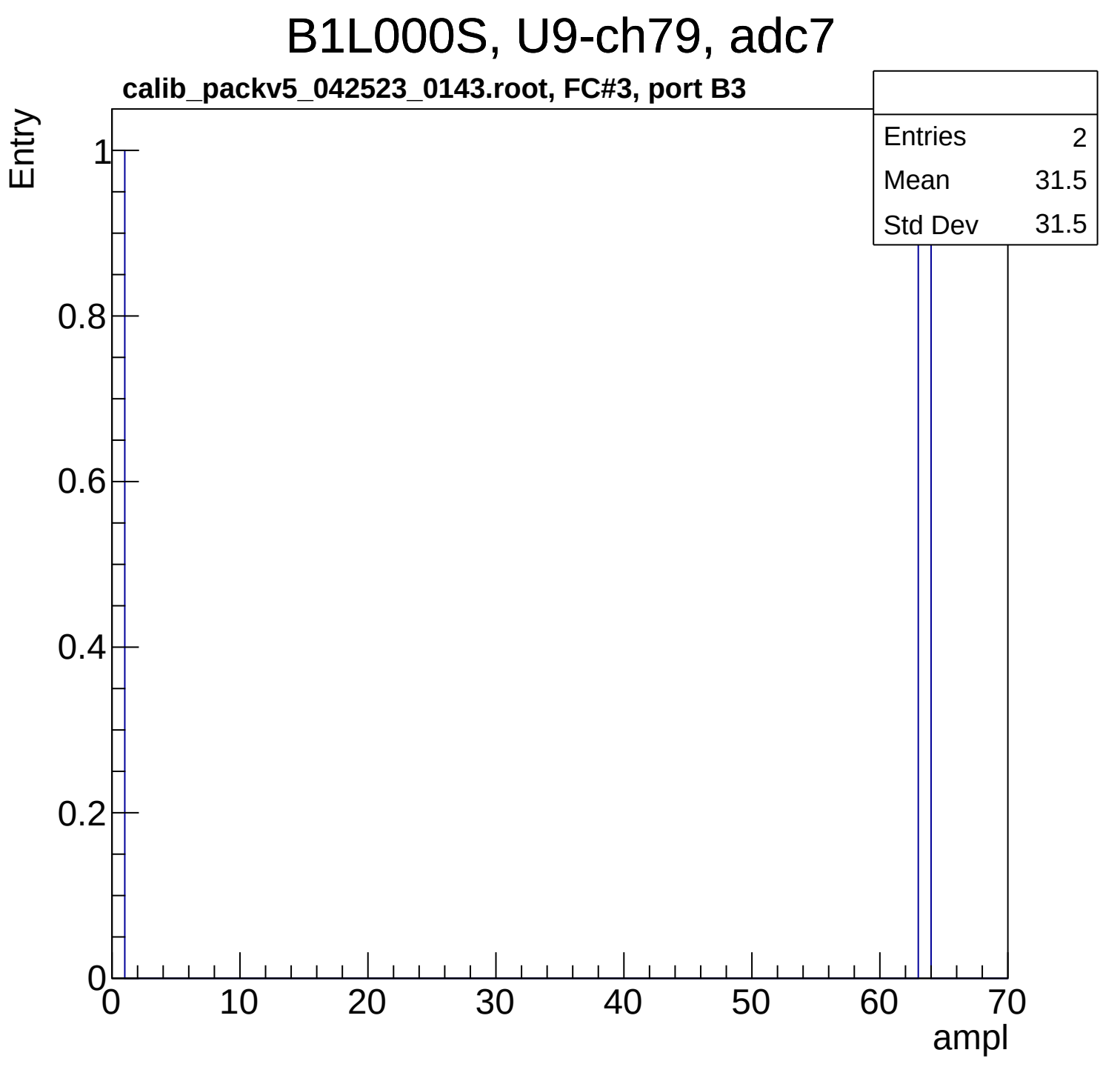
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch79, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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0.6
0.4
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0
10
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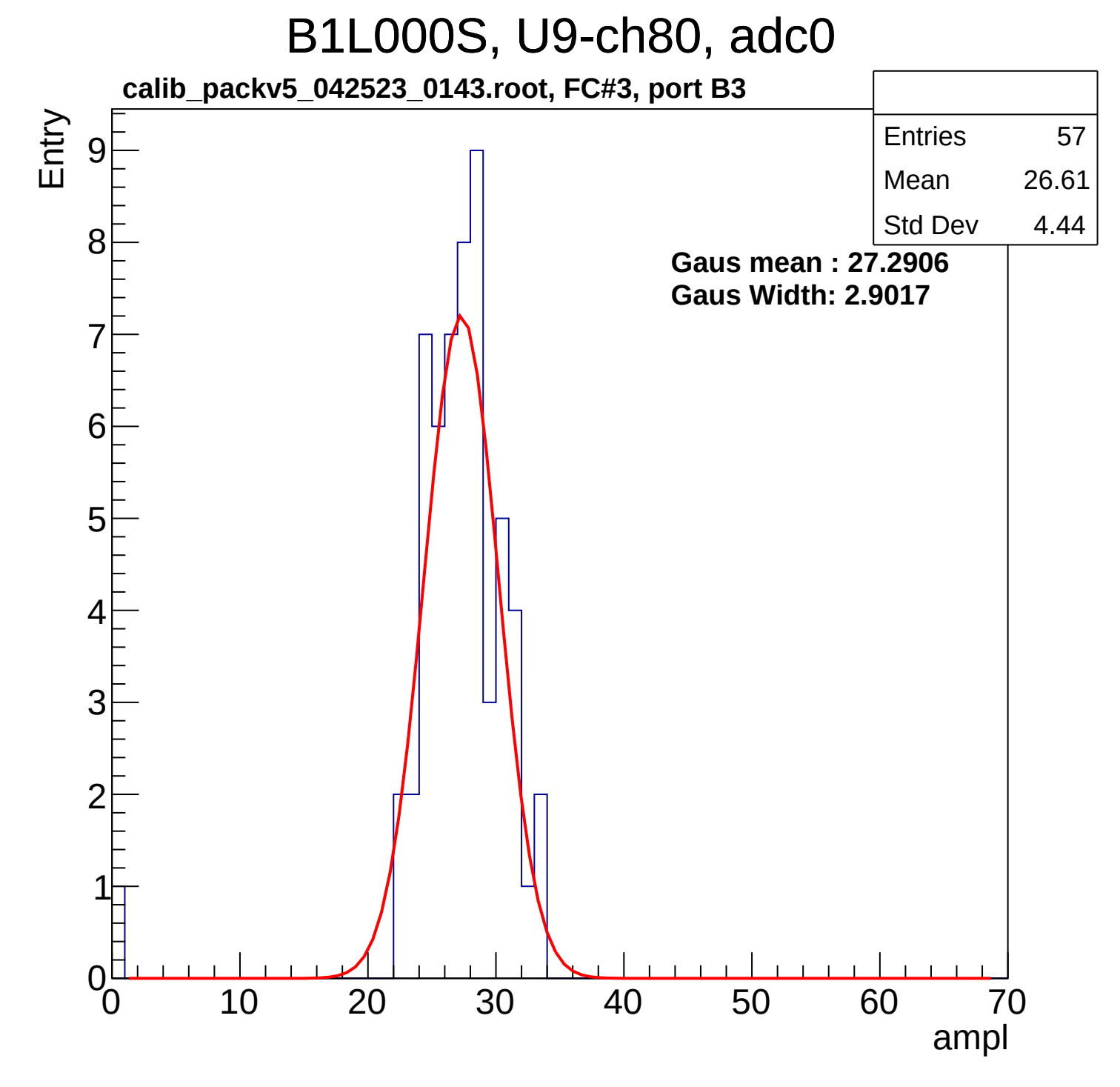
50
60
70
ampl


B1L000S, U9-ch80, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 26.61
Std Dev 4.44
Gaus mean : 27.2906
Gaus Width: 2.9017
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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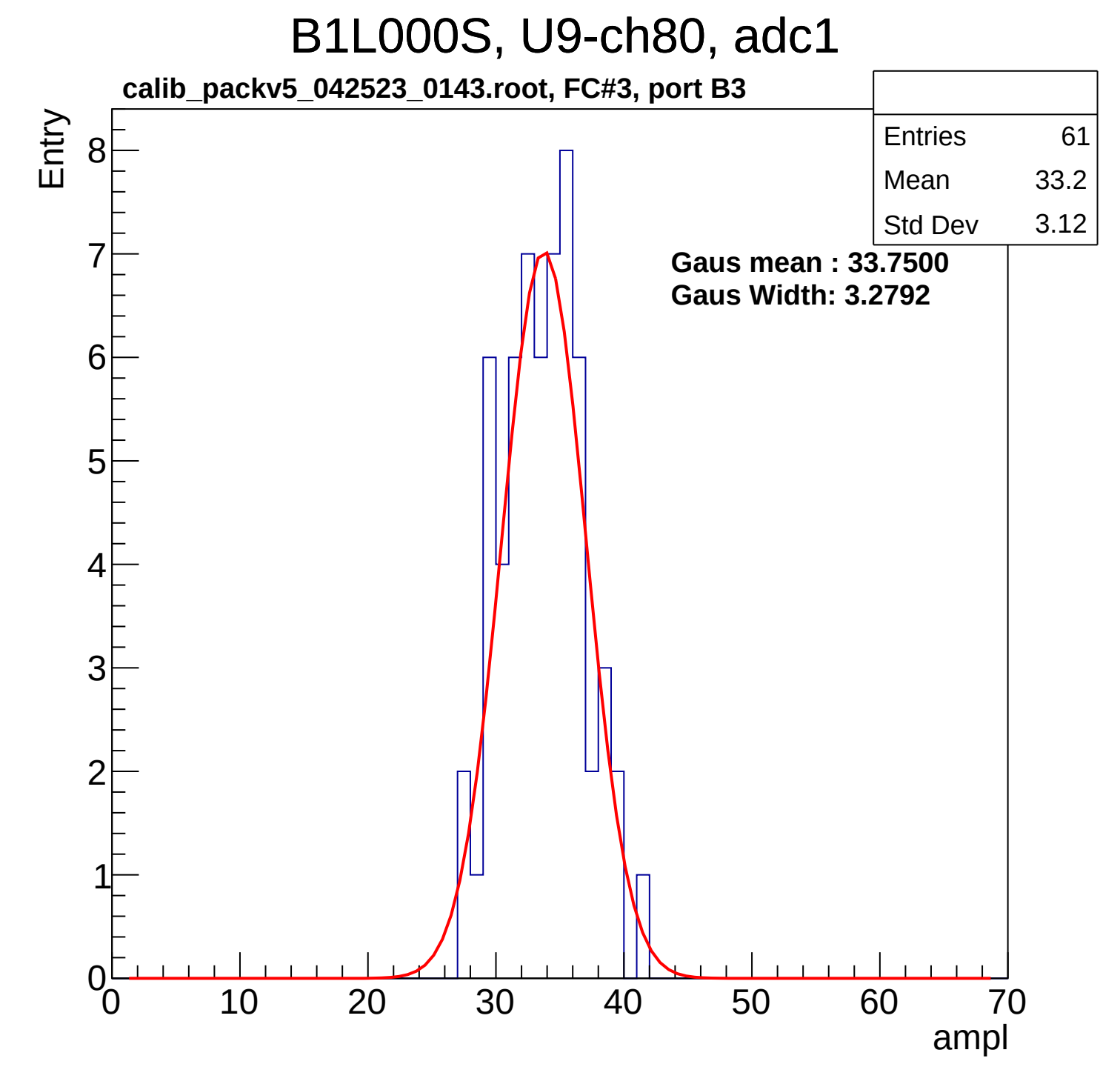
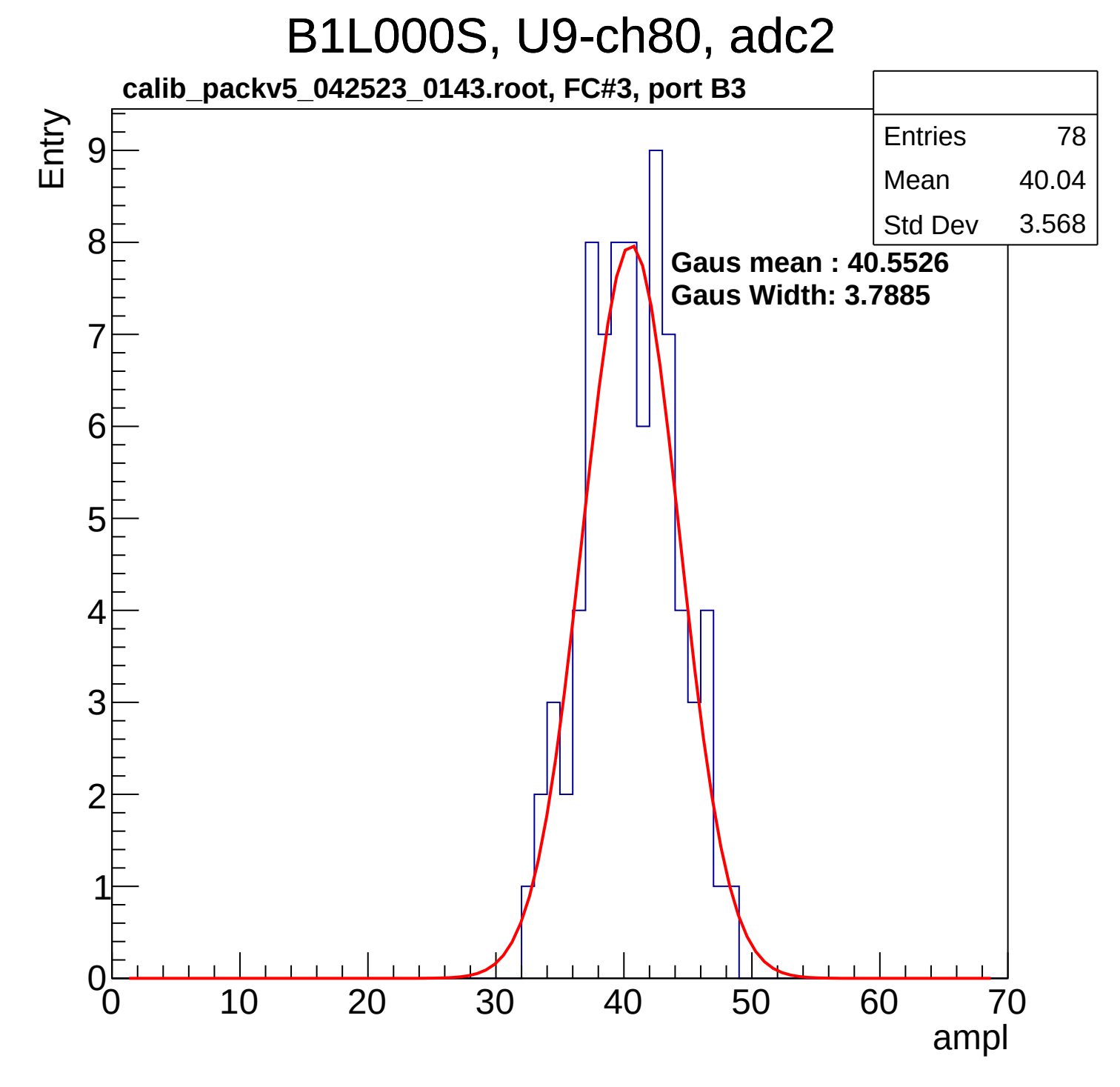
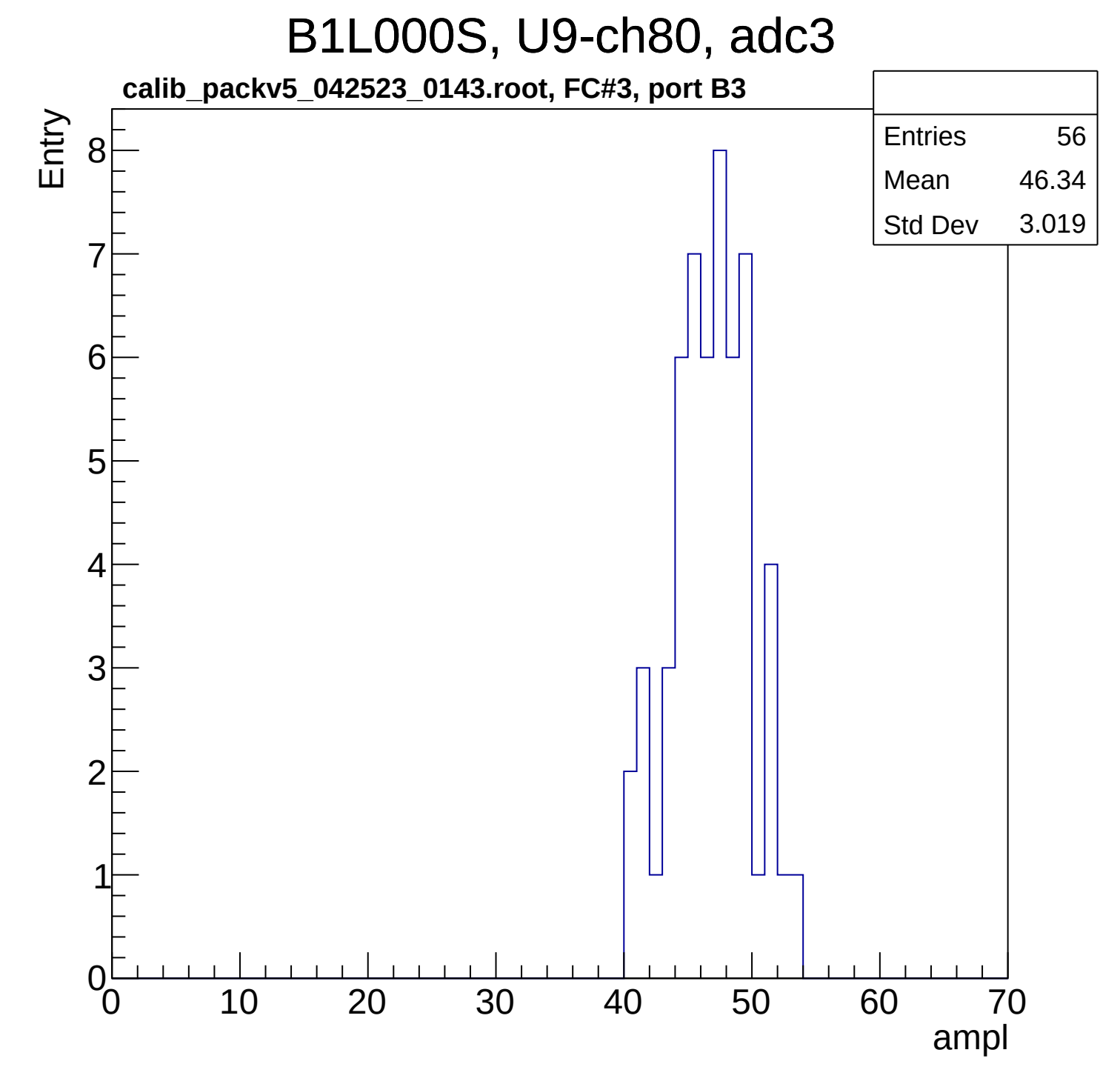

B1L000S, U9-ch80, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 33.2
Std Dev 3.12
Gaus mean : 33.7500
Gaus Width: 3.2792
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch80, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 40.04
Std Dev 3.568
Gaus mean : 40.5526
Gaus Width: 3.7885
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch80, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 46.34
Std Dev 3.019
Entry
ampl
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2
3
4
5
6
7
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0
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20
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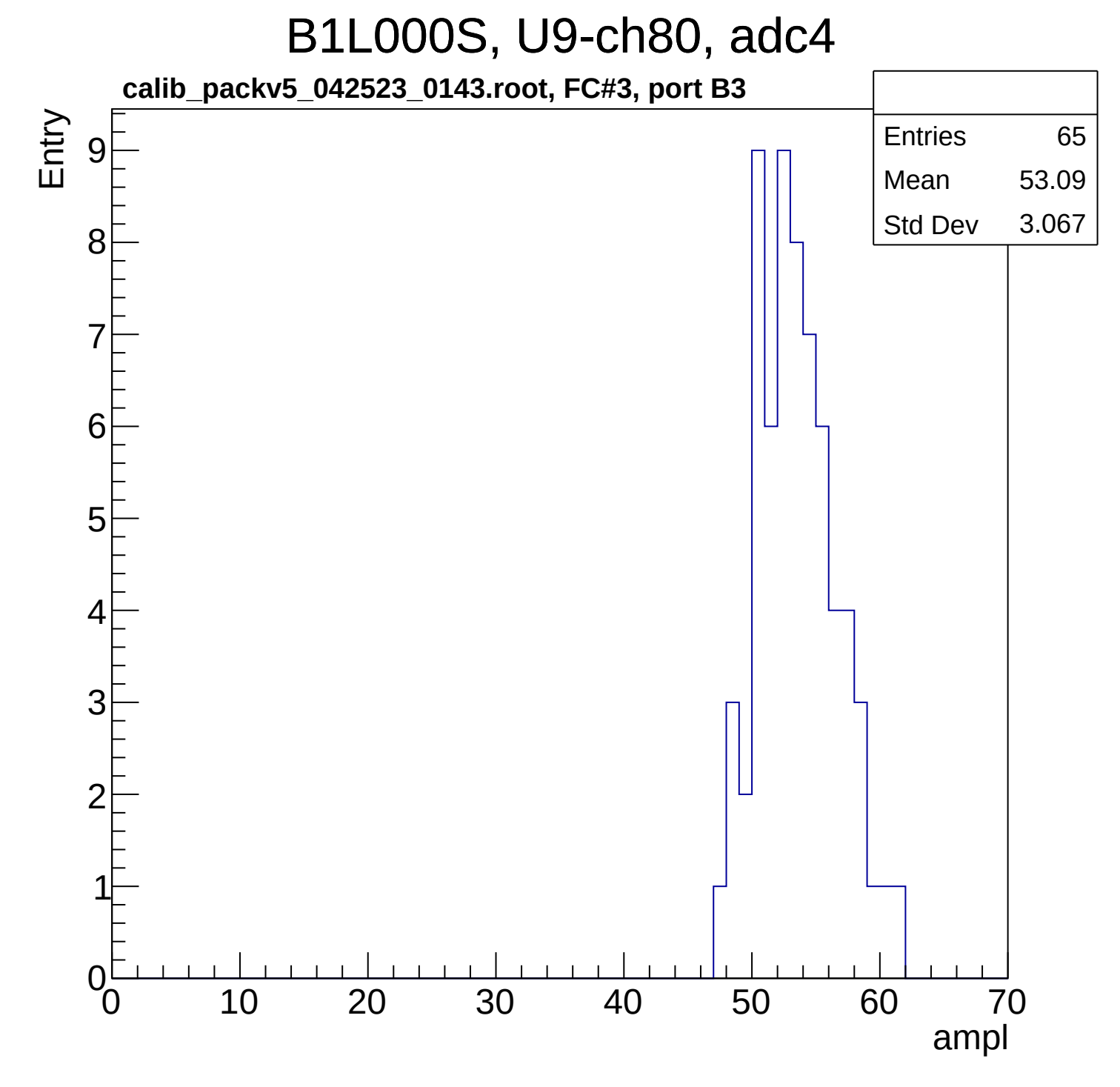
40
50
60
70


B1L000S, U9-ch80, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 53.09
Std Dev 3.067
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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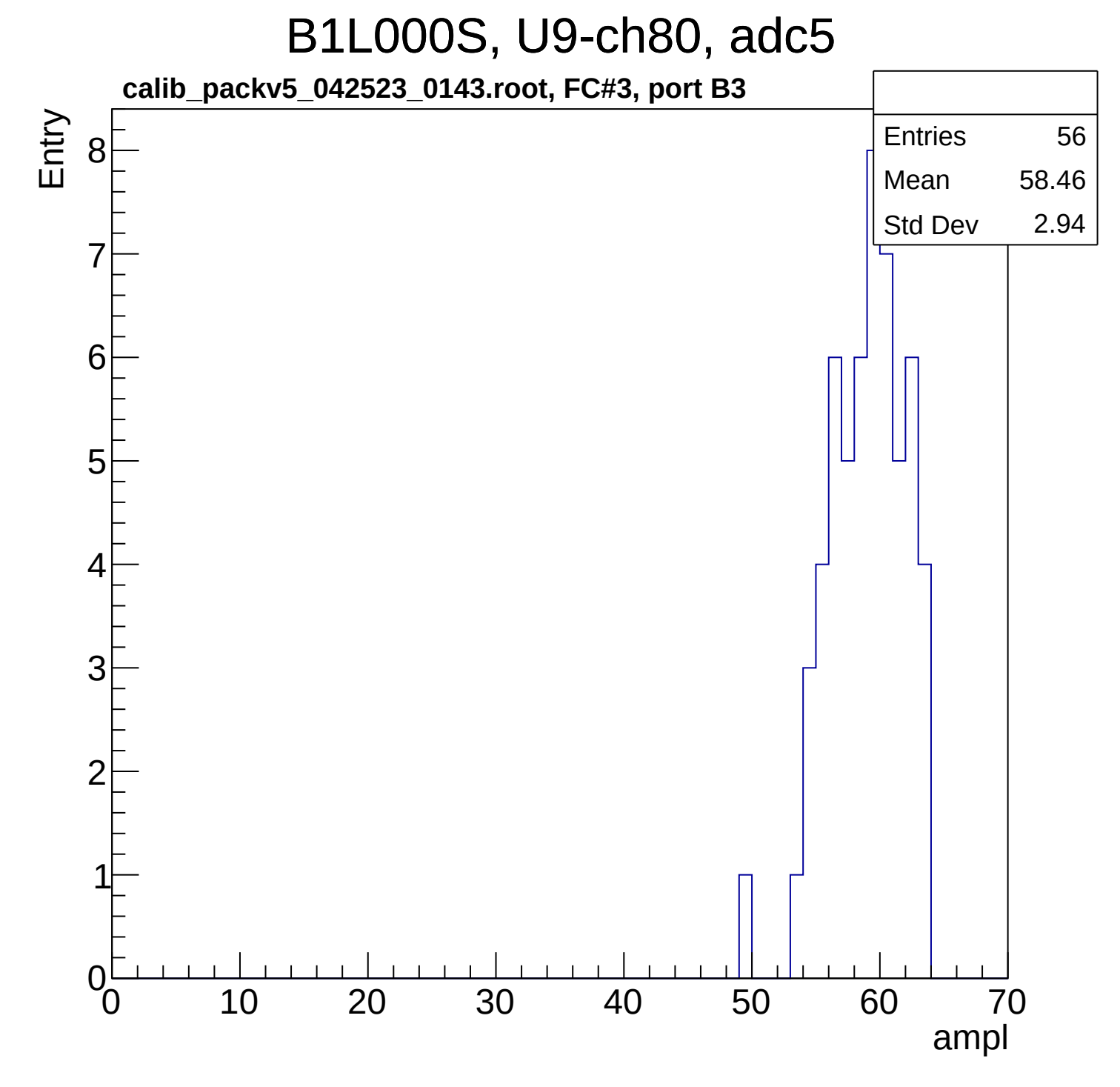
B1L000S, U9-ch80, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.46
Std Dev 2.94
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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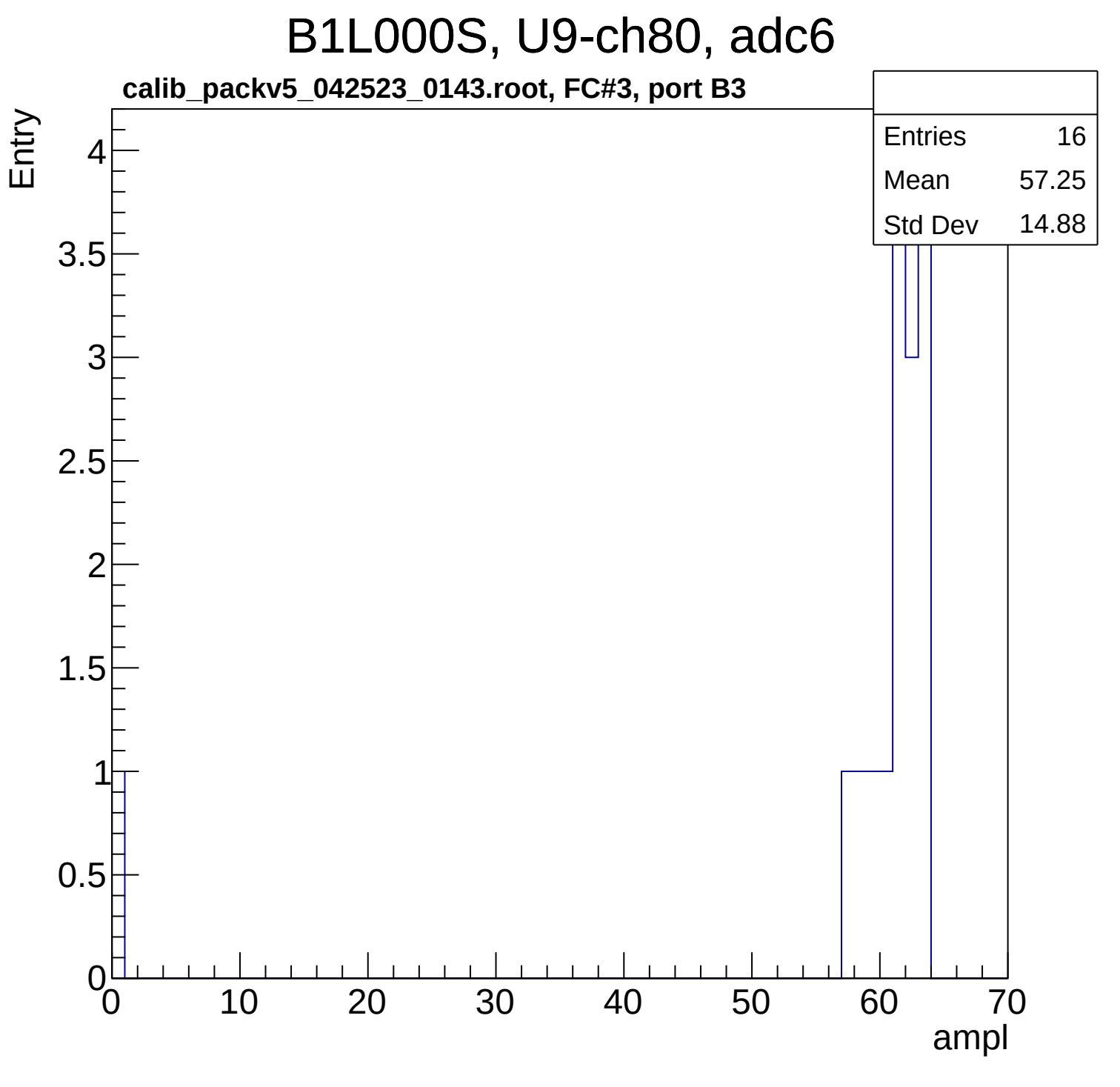
B1L000S, U9-ch80, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.25
Std Dev 14.88
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
10
20
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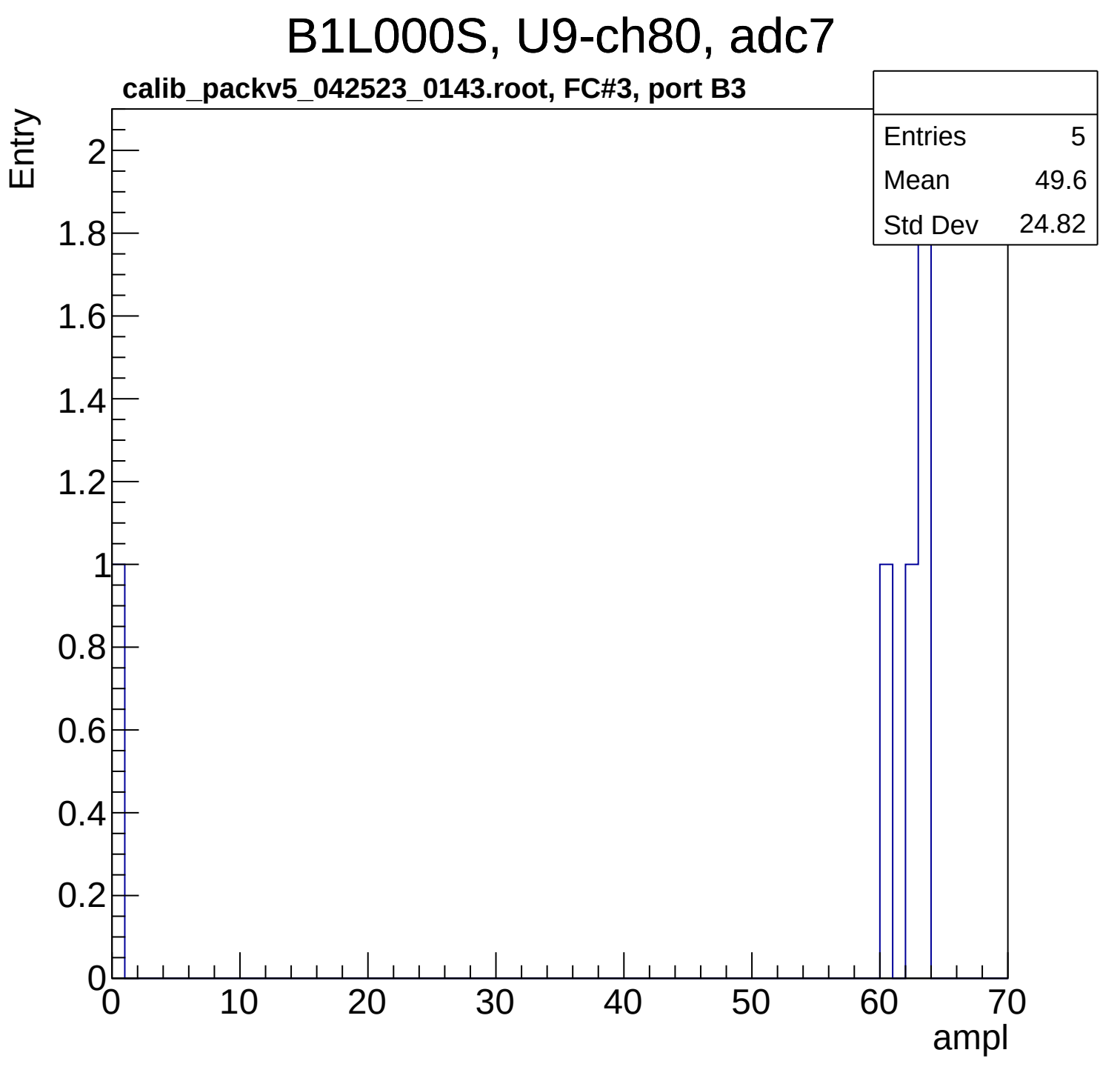
40
50
60
70


B1L000S, U9-ch80, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 49.6
Std Dev 24.82
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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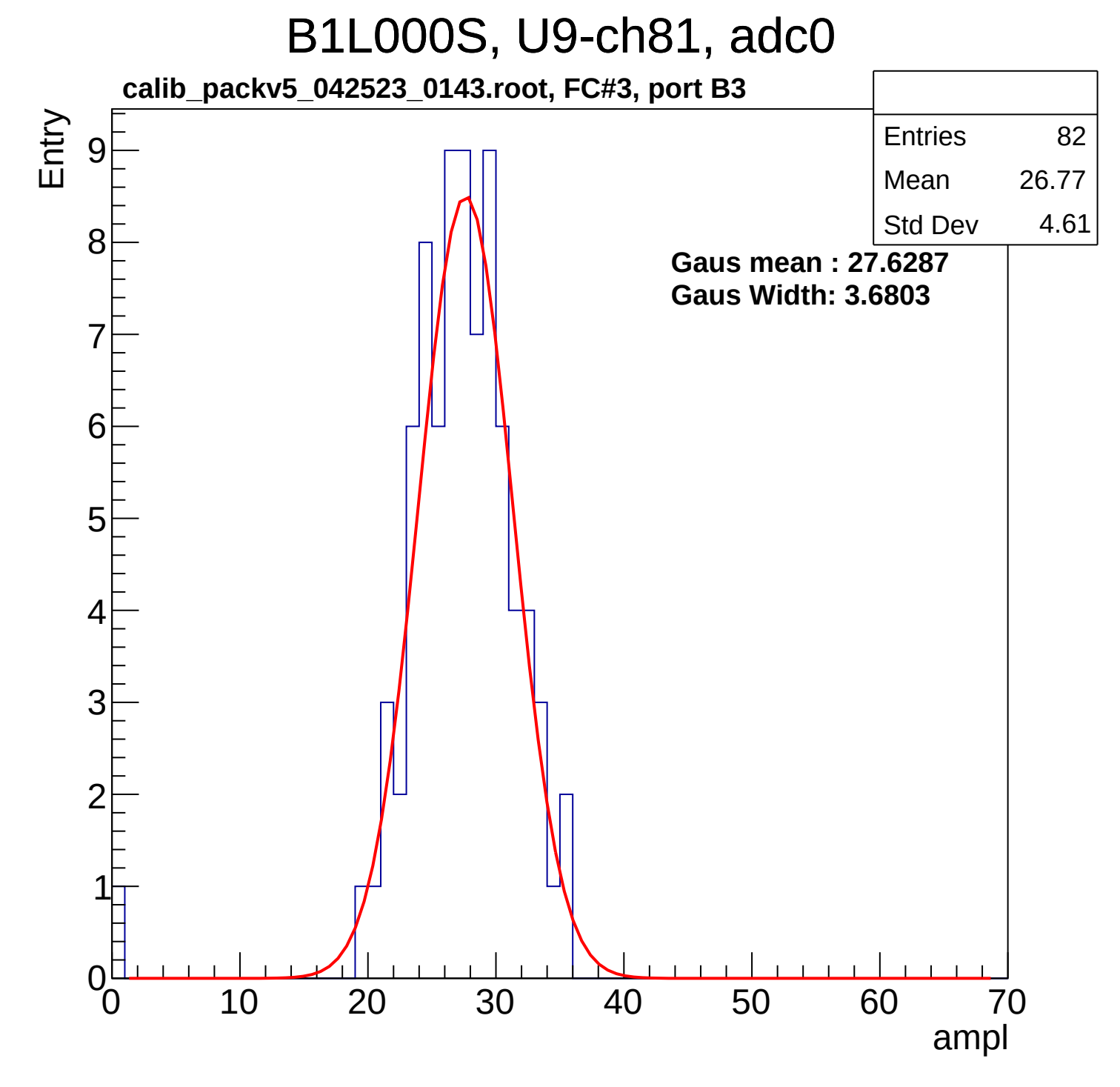
B1L000S, U9-ch81, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 26.77
Std Dev 4.61
Gaus mean : 27.6287
Gaus Width: 3.6803
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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50
60
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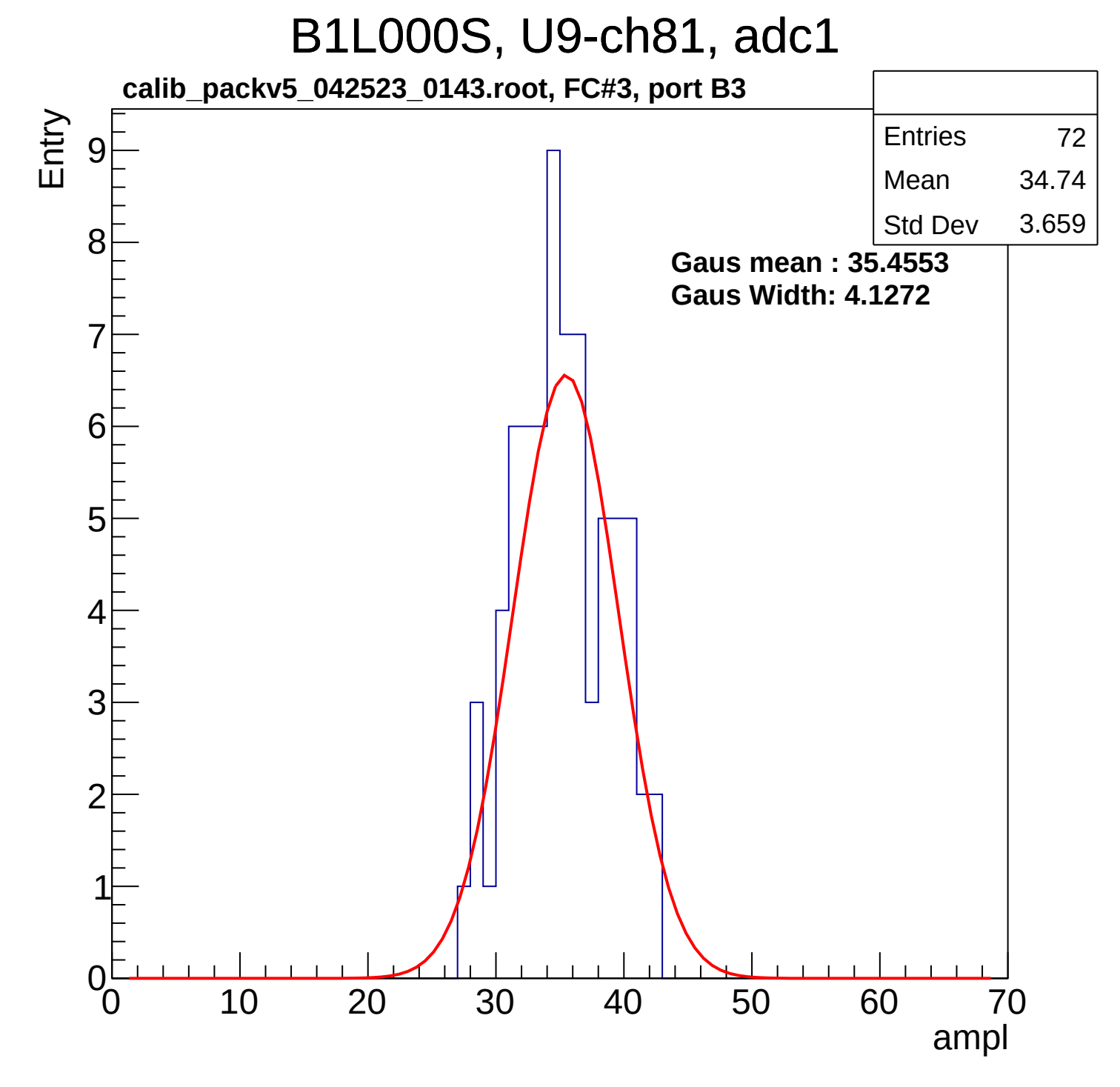
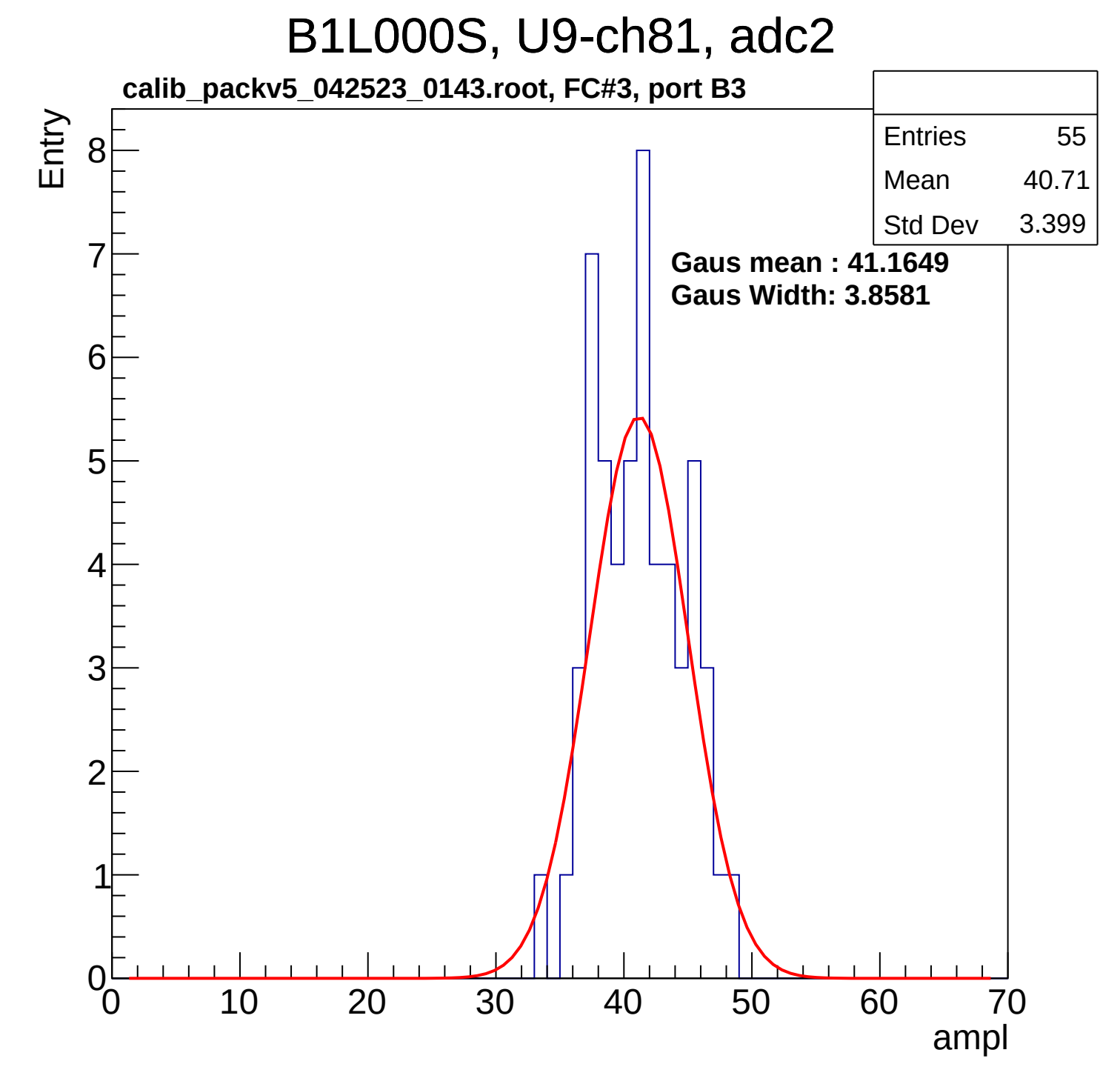

B1L000S, U9-ch81, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.74
Std Dev 3.659
Gaus mean : 35.4553
Gaus Width: 4.1272
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch81, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 40.71
Std Dev 3.399
Gaus mean : 41.1649
Gaus Width: 3.8581
Entry
ampl
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1
2
3
4
5
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0
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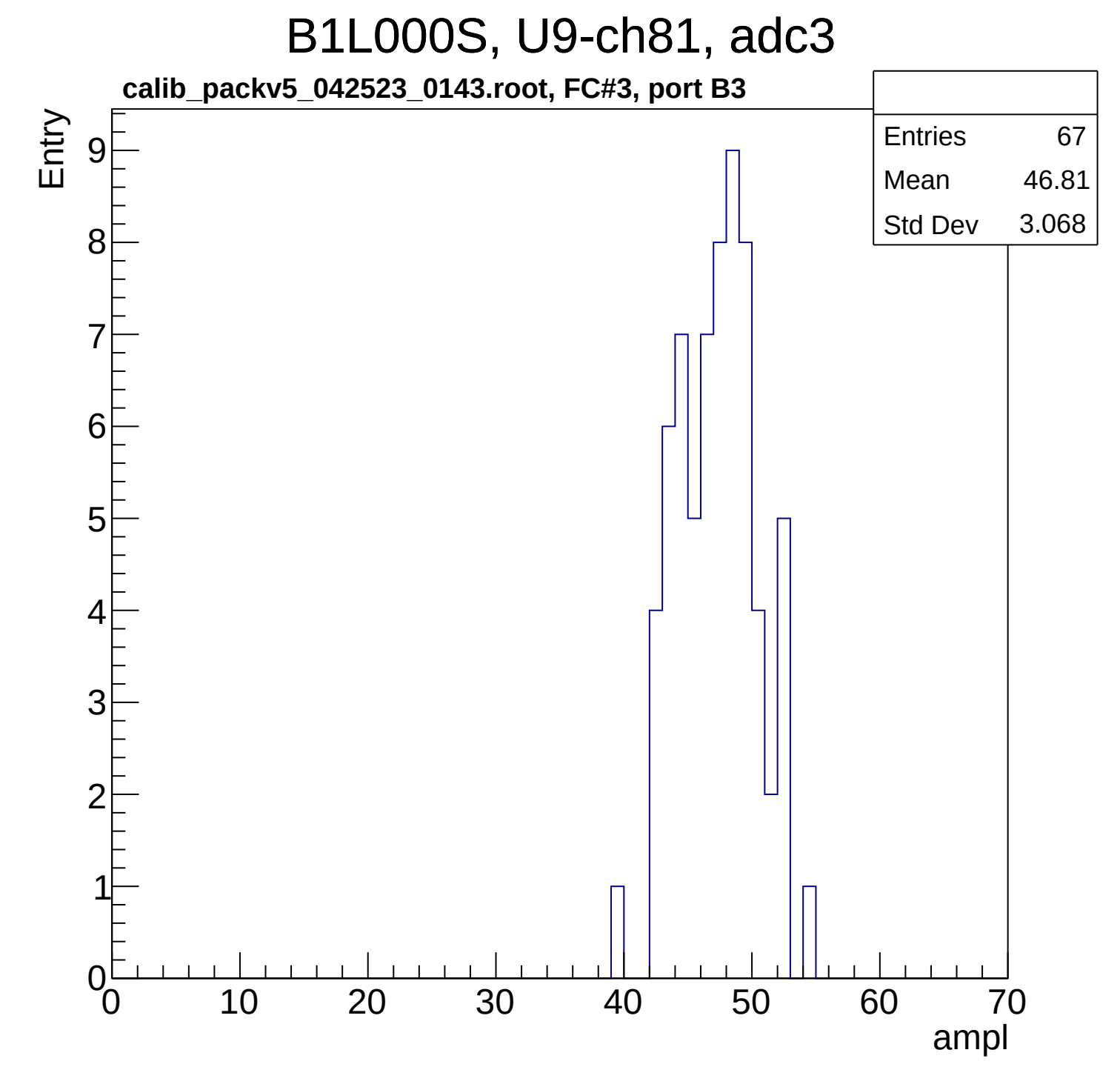
B1L000S, U9-ch81, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 46.81
Std Dev 3.068
Entry
ampl
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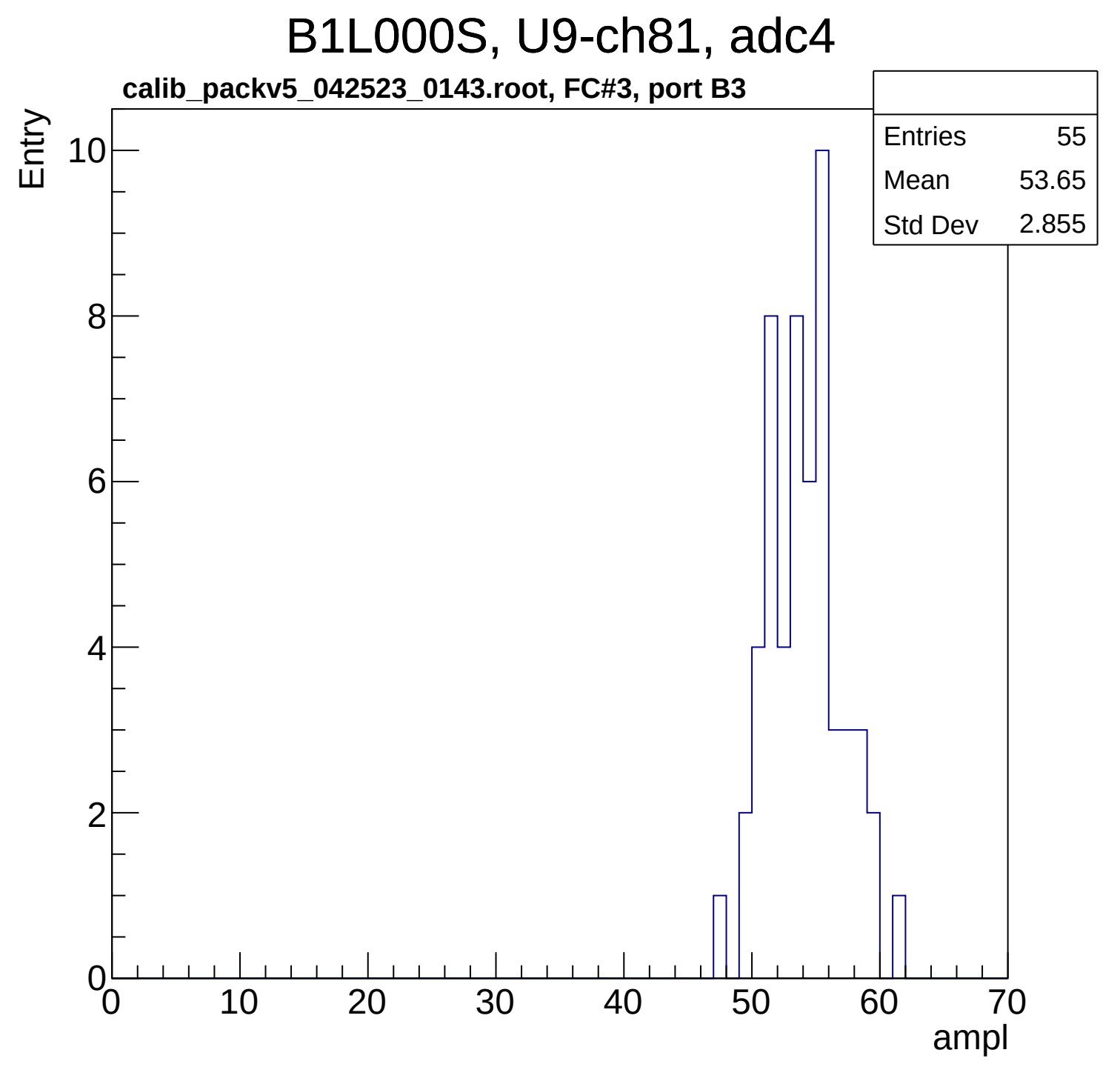
B1L000S, U9-ch81, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 53.65
Std Dev 2.855
Entry
ampl
0
2
4
6
8
10
0
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60
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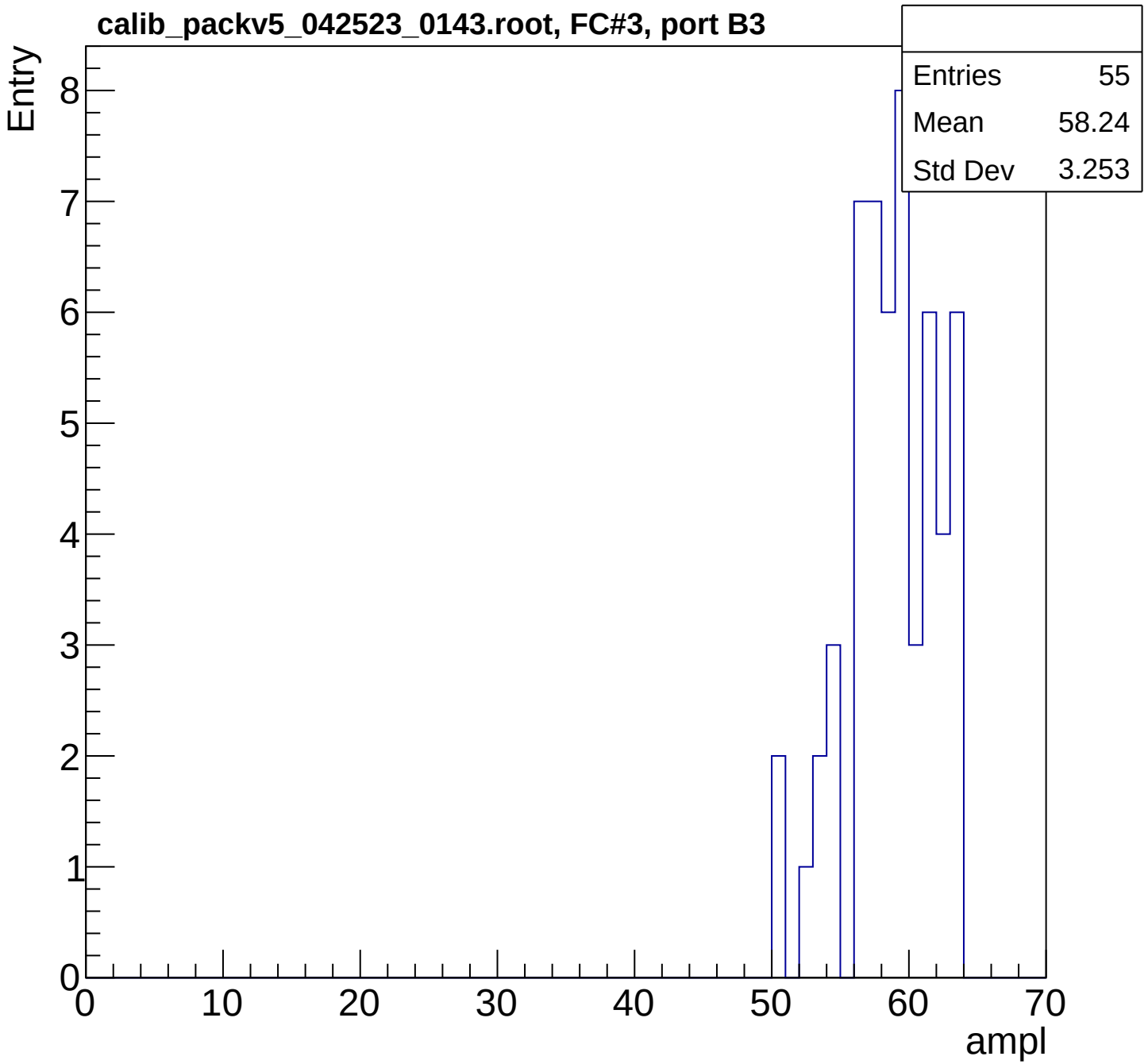
B1L000S, U9-ch81, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.24
Std Dev 3.253
Entry
ampl
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2
3
4
5
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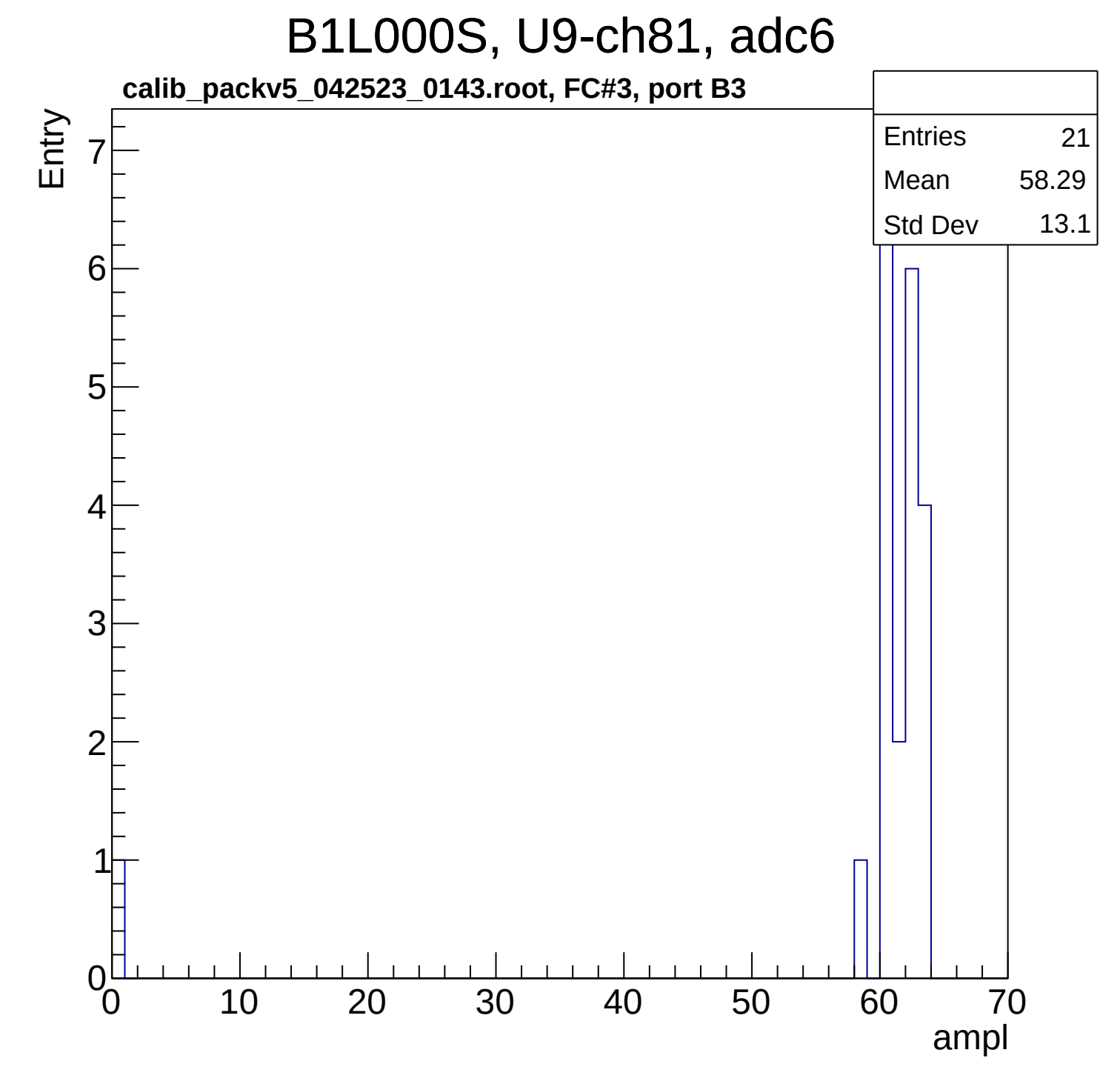
B1L000S, U9-ch81, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.29
Std Dev 13.1
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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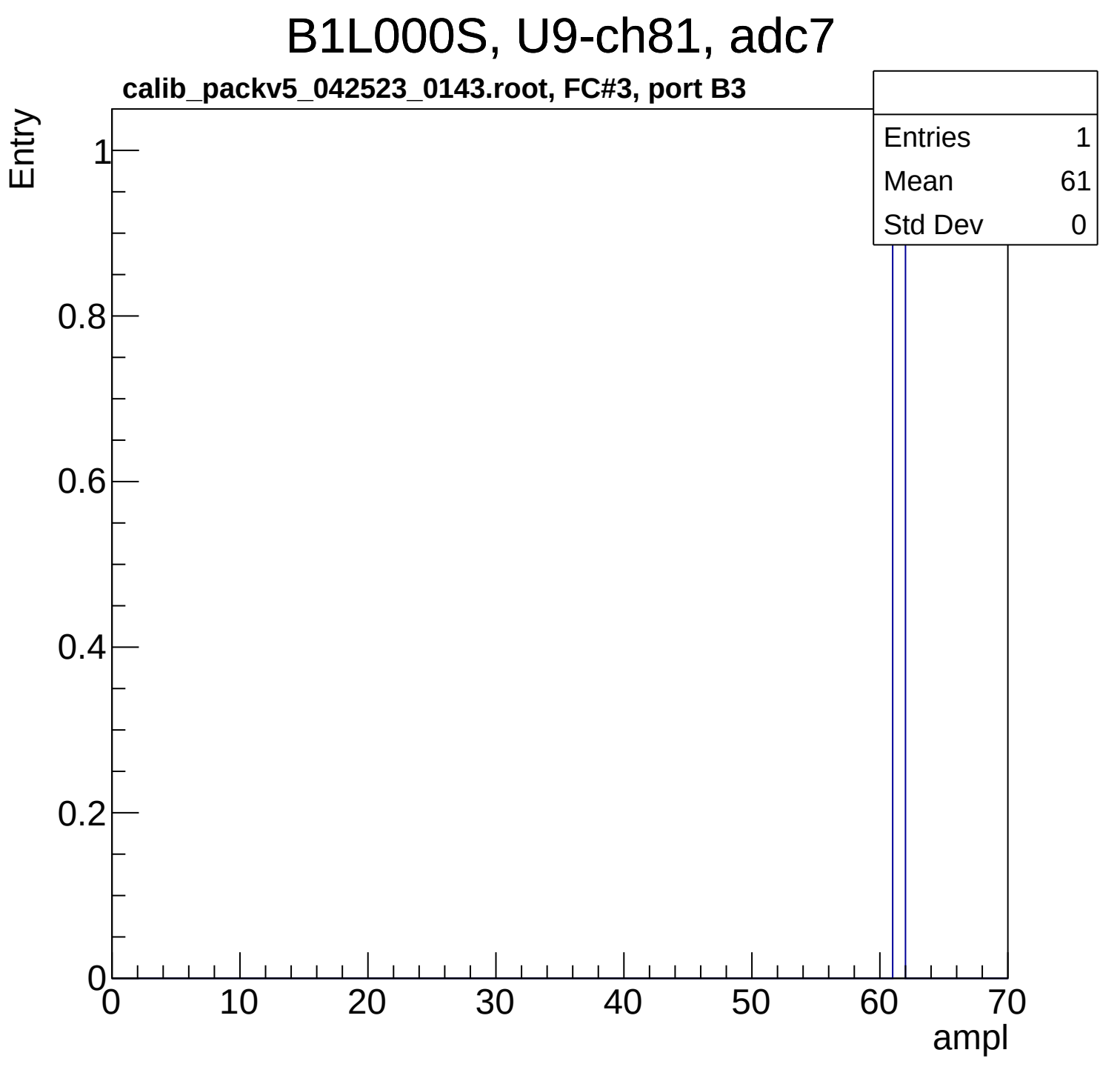
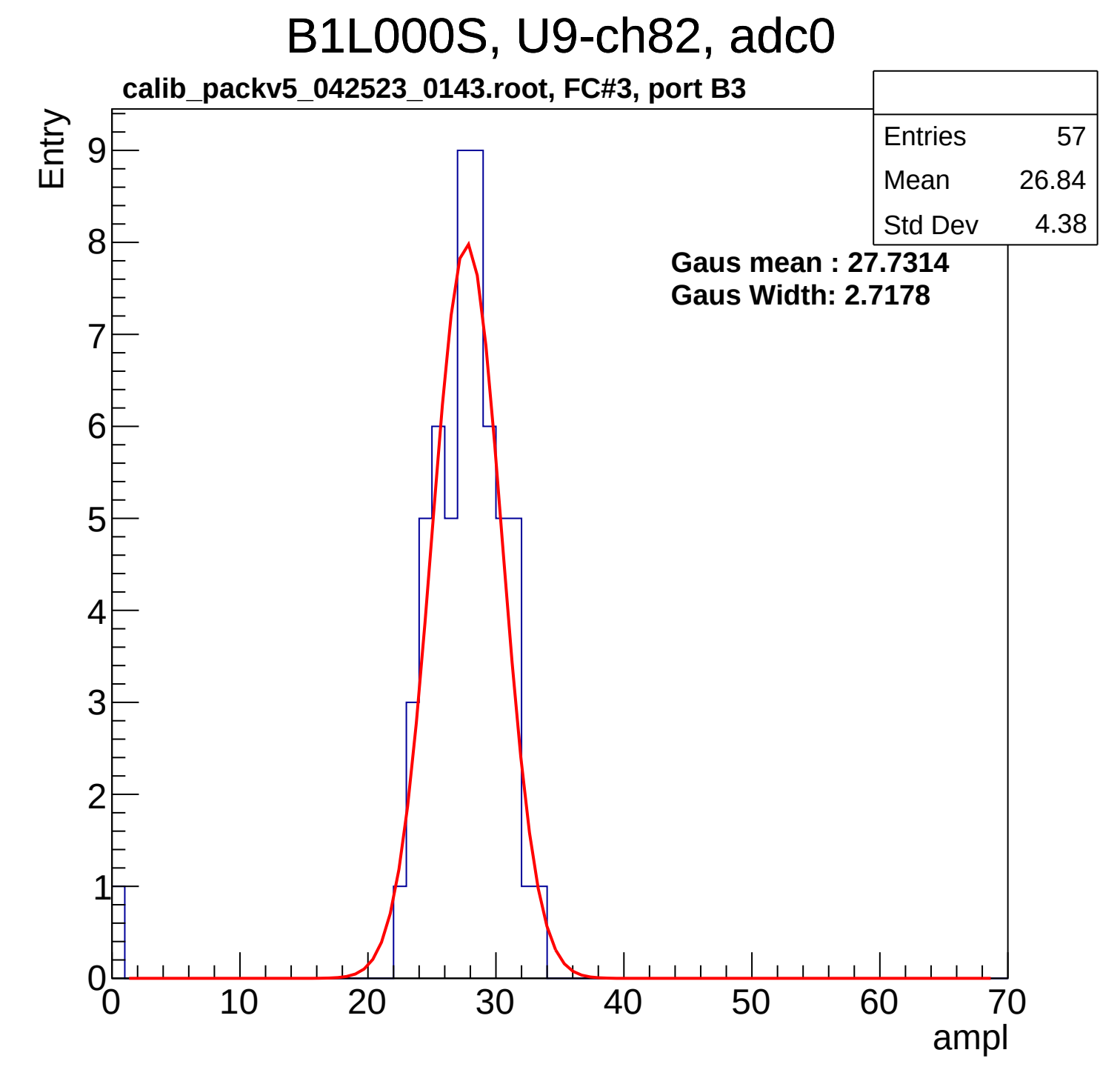

B1L000S, U9-ch81, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch82, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 26.84
Std Dev 4.38
Gaus mean : 27.7314
Gaus Width: 2.7178
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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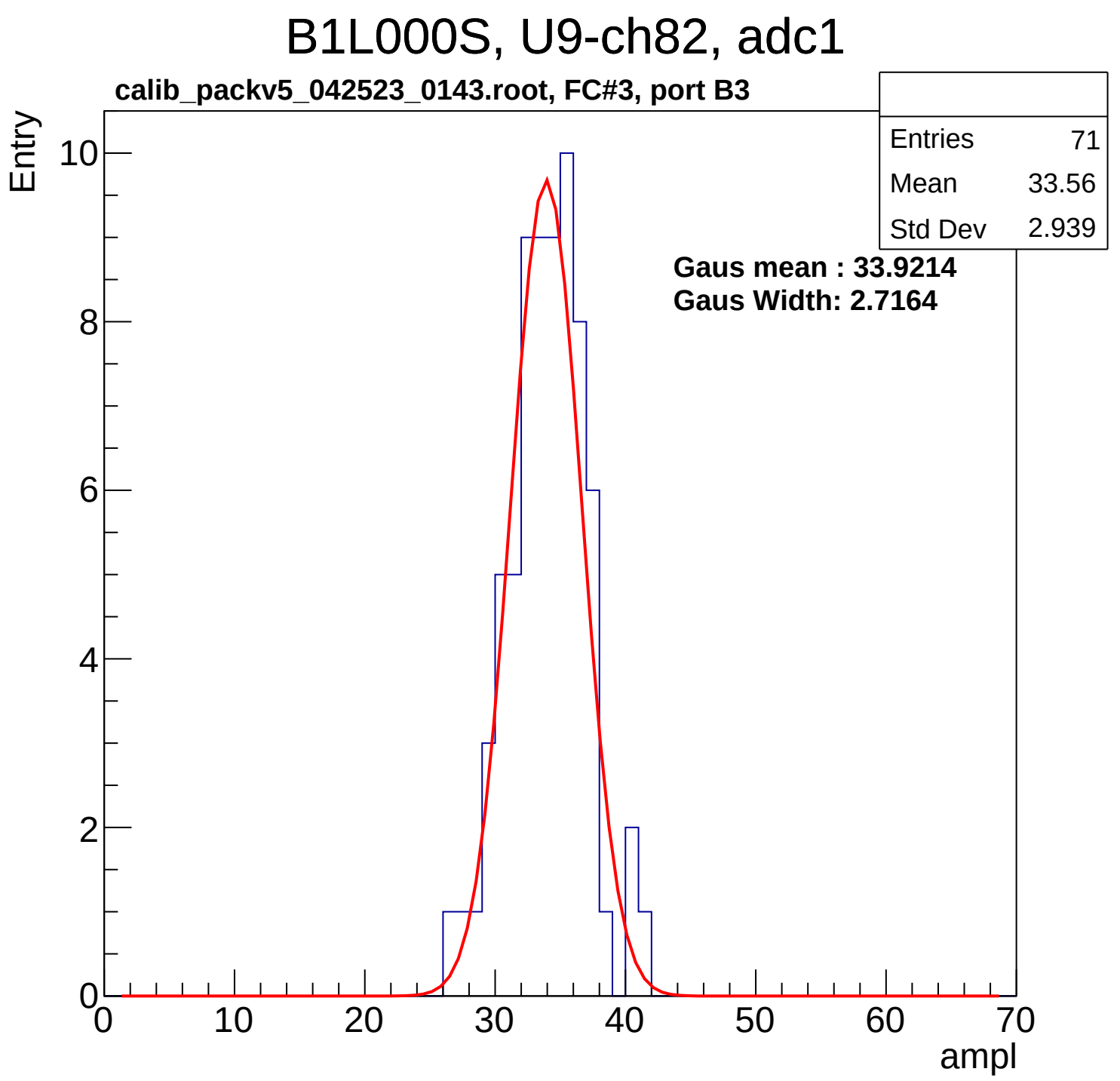
B1L000S, U9-ch82, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 33.56
Std Dev 2.939
Gaus mean : 33.9214
Gaus Width: 2.7164
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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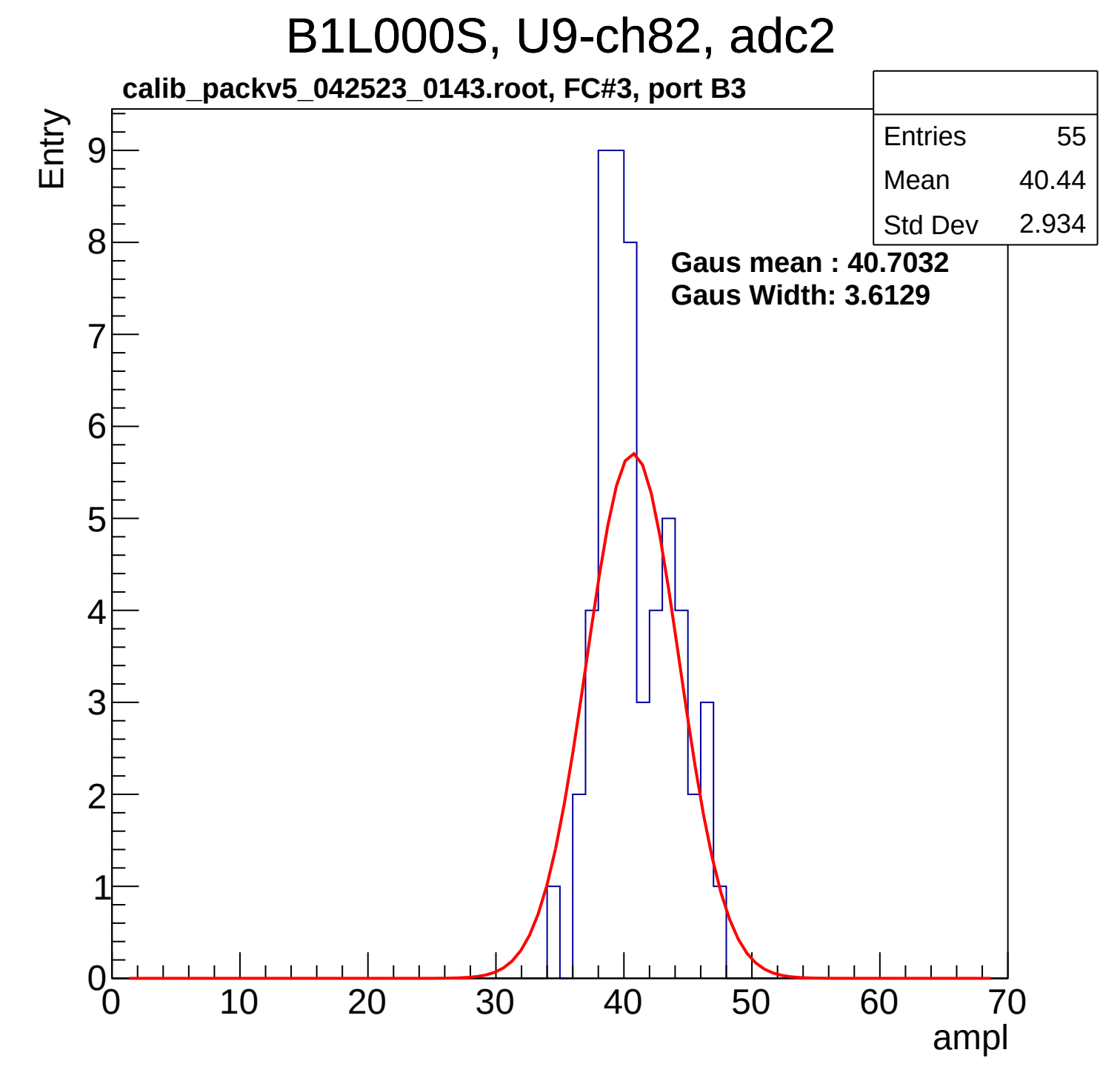
B1L000S, U9-ch82, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 40.44
Std Dev 2.934
Gaus mean : 40.7032
Gaus Width: 3.6129
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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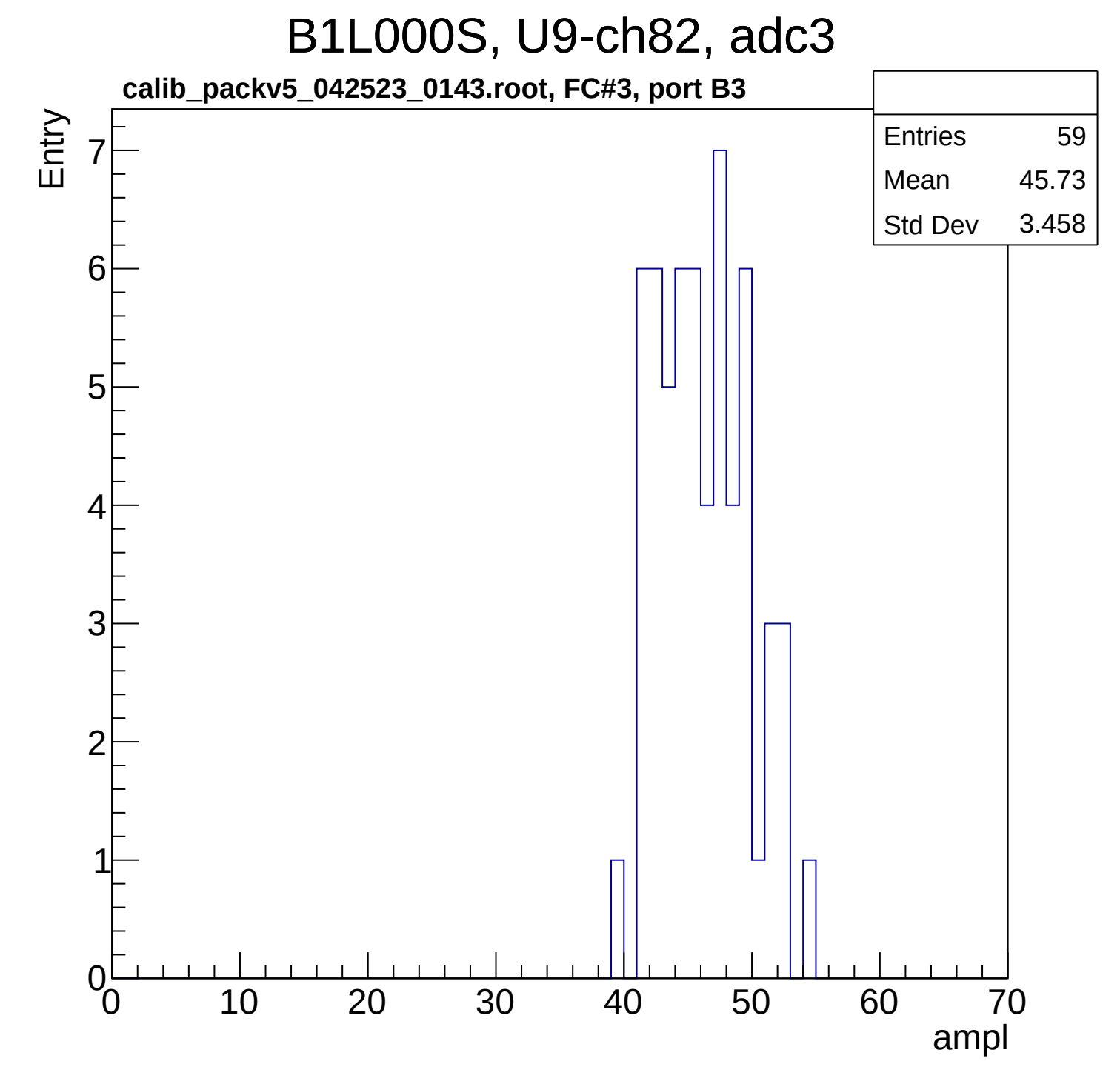
B1L000S, U9-ch82, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 45.73
Std Dev 3.458
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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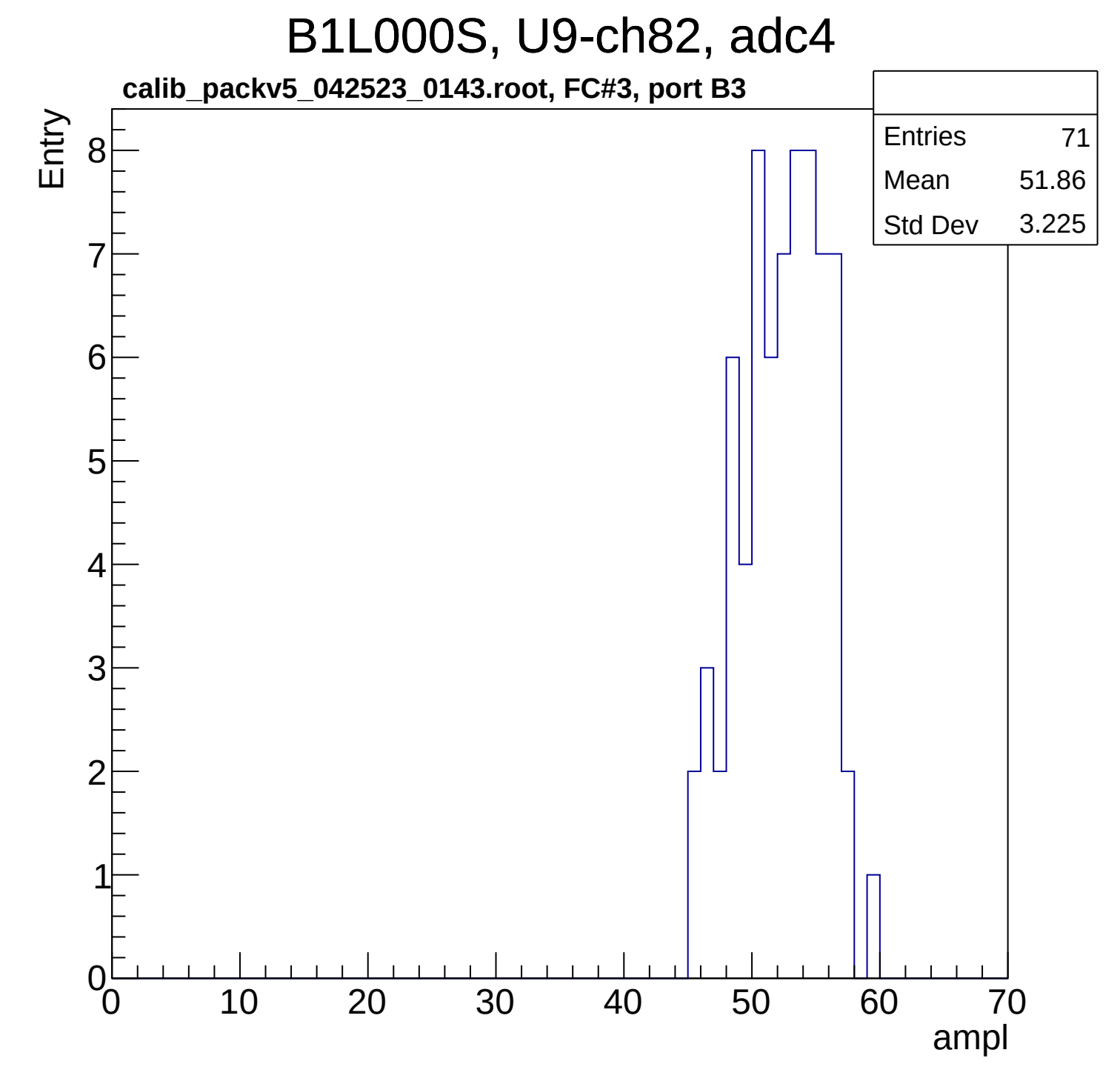
B1L000S, U9-ch82, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 51.86
Std Dev 3.225
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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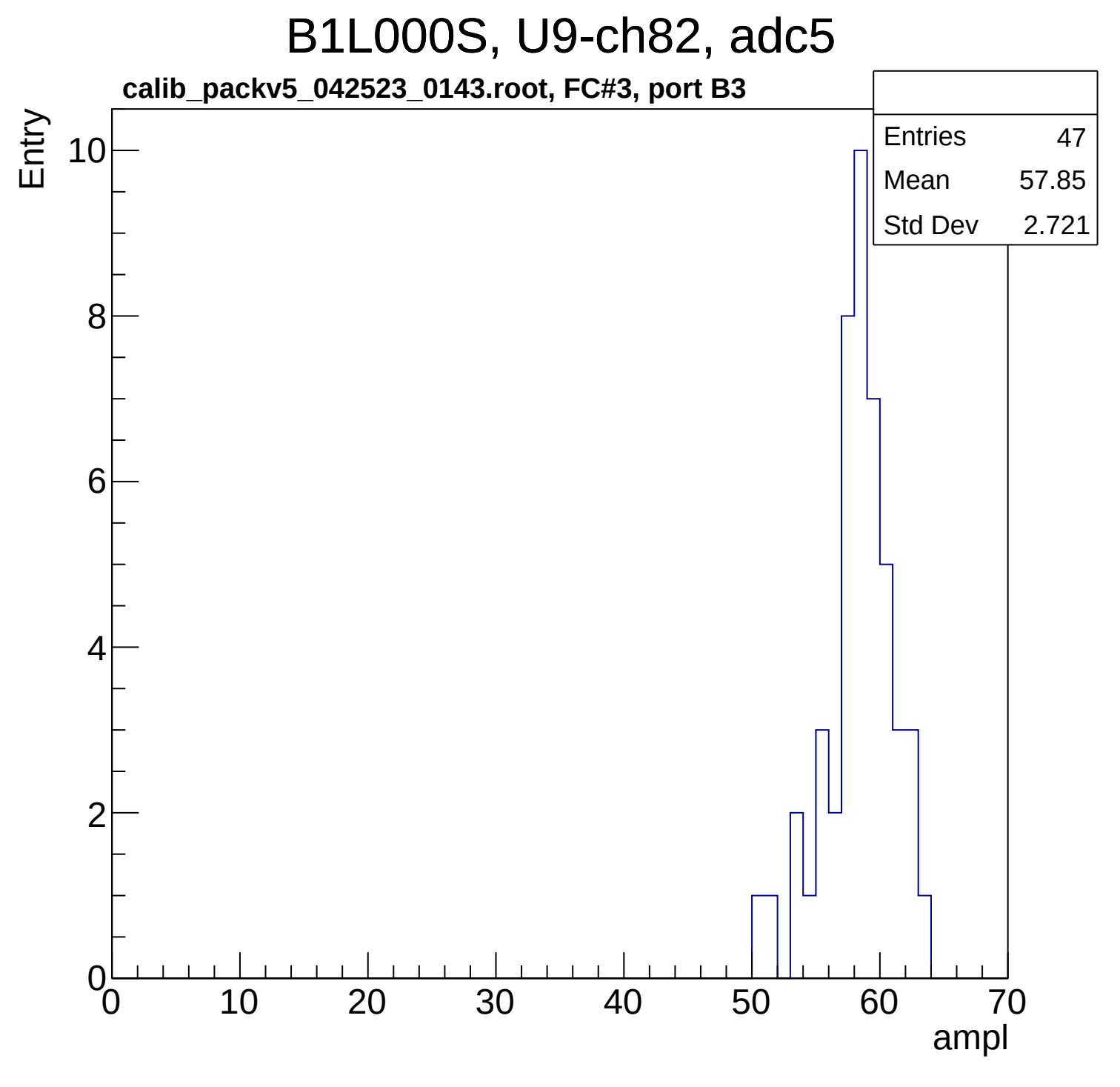
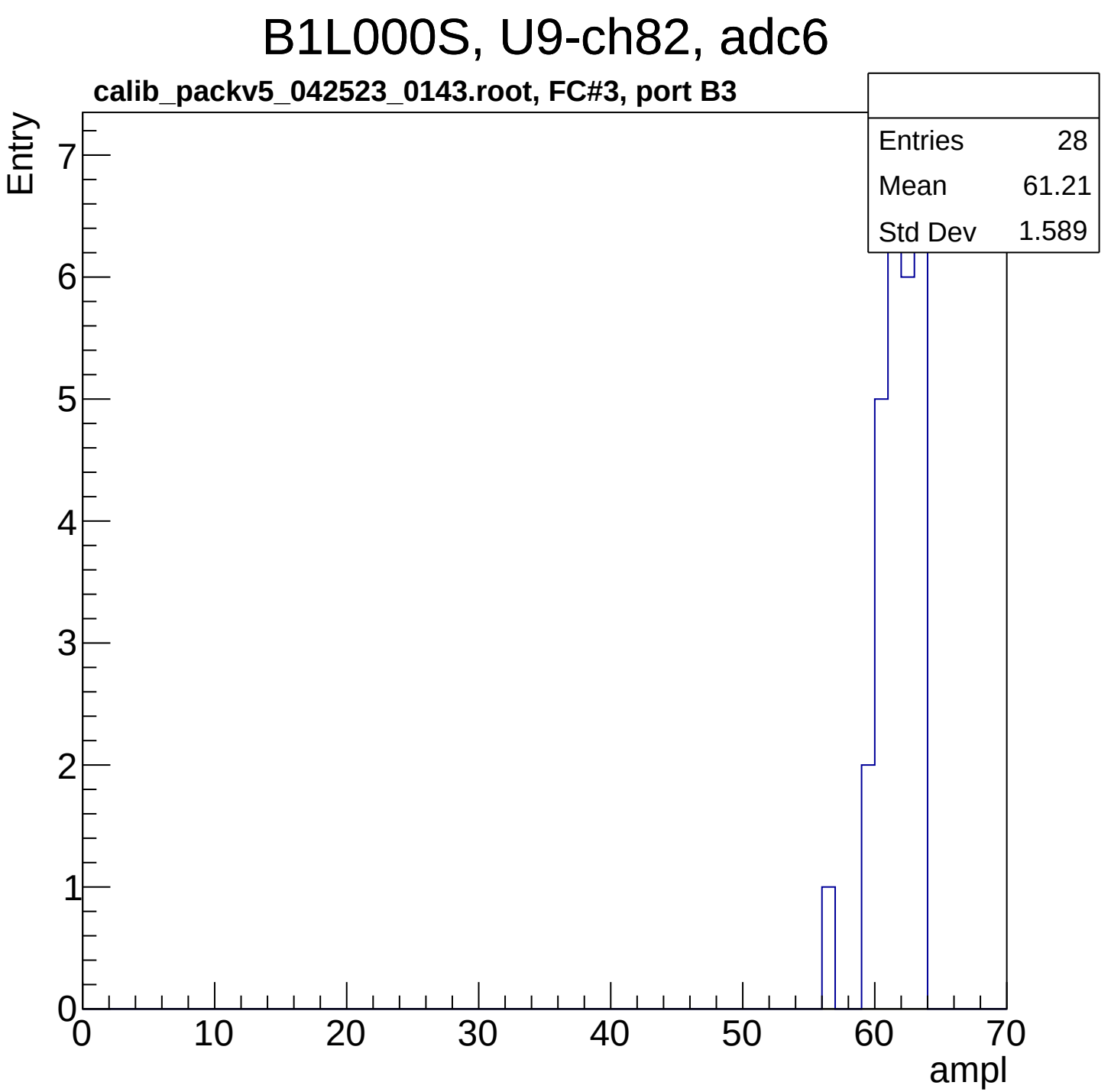

B1L000S, U9-ch82, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 57.85
Std Dev 2.721
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch82, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 28
Mean 61.21
Std Dev 1.589
Entry
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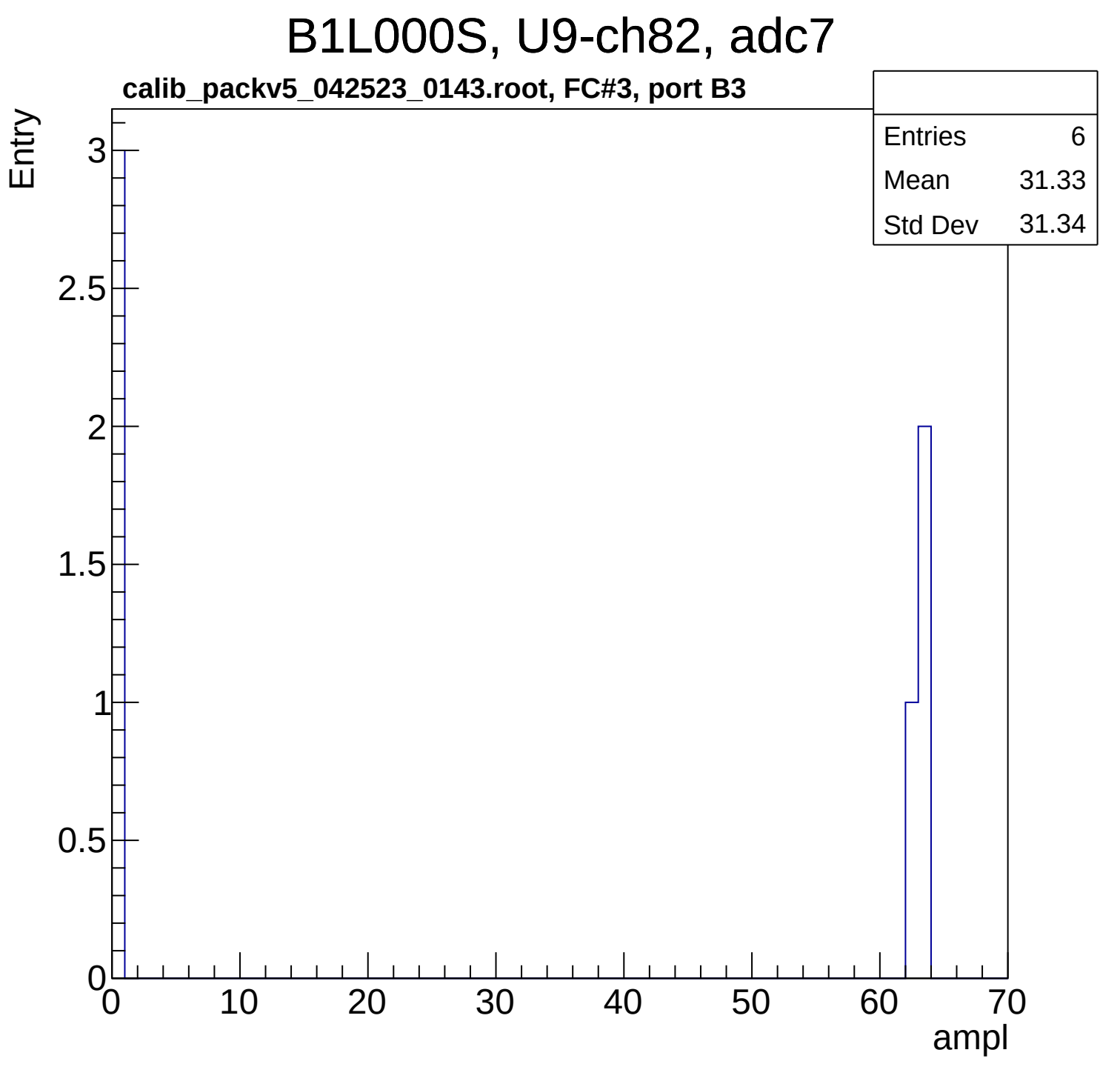
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch82, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 31.33
Std Dev 31.34
Entry
ampl
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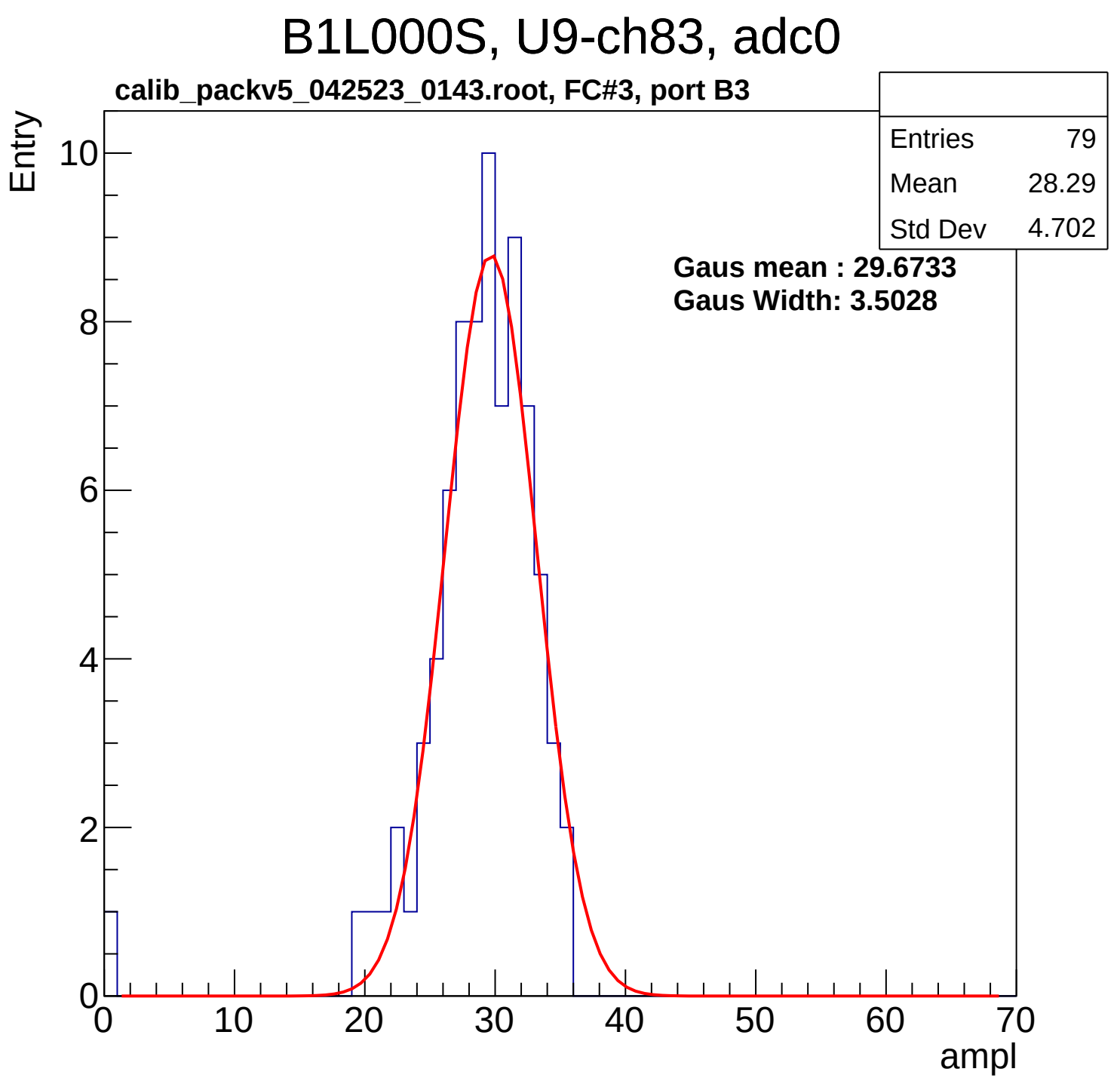
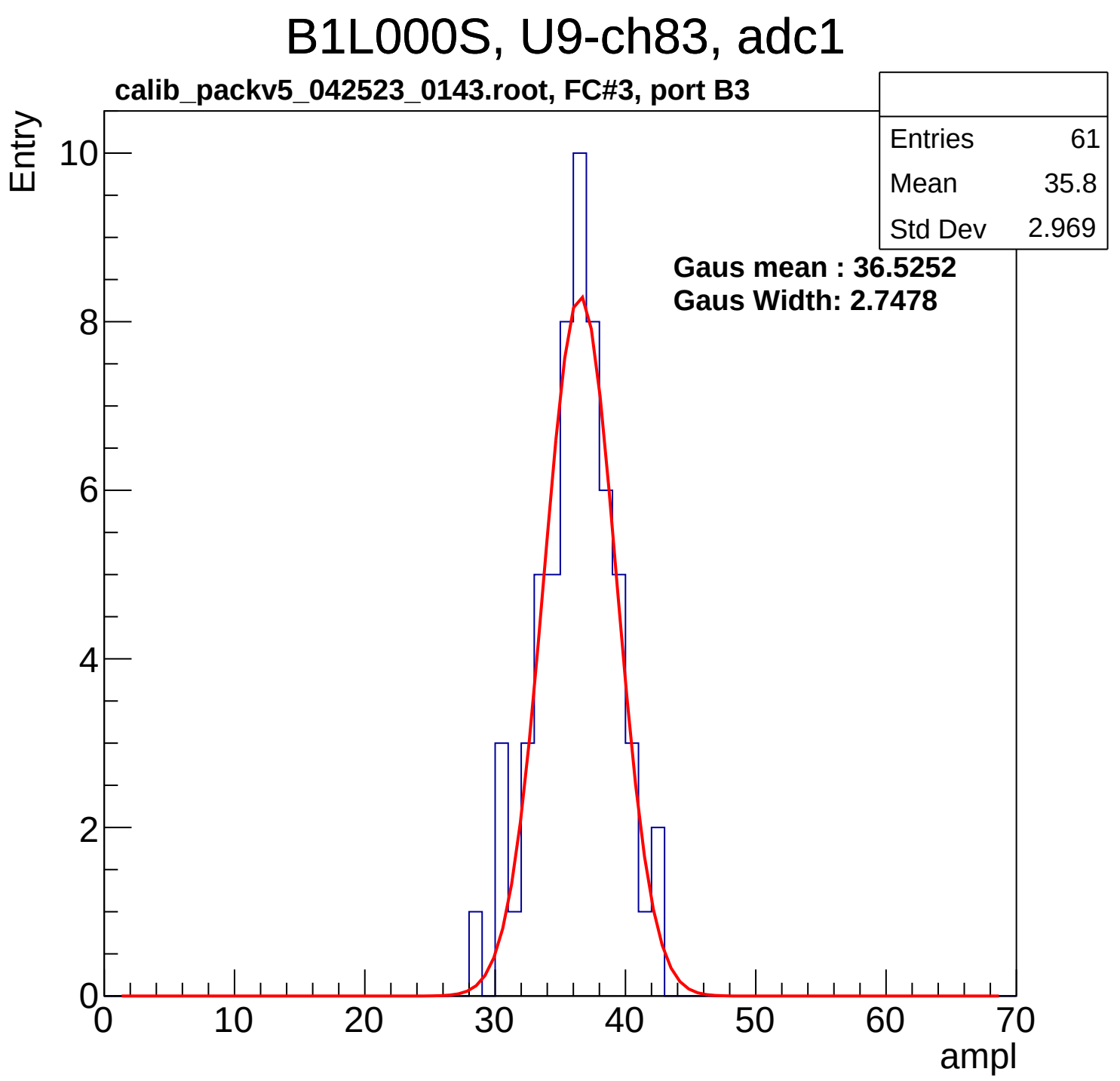
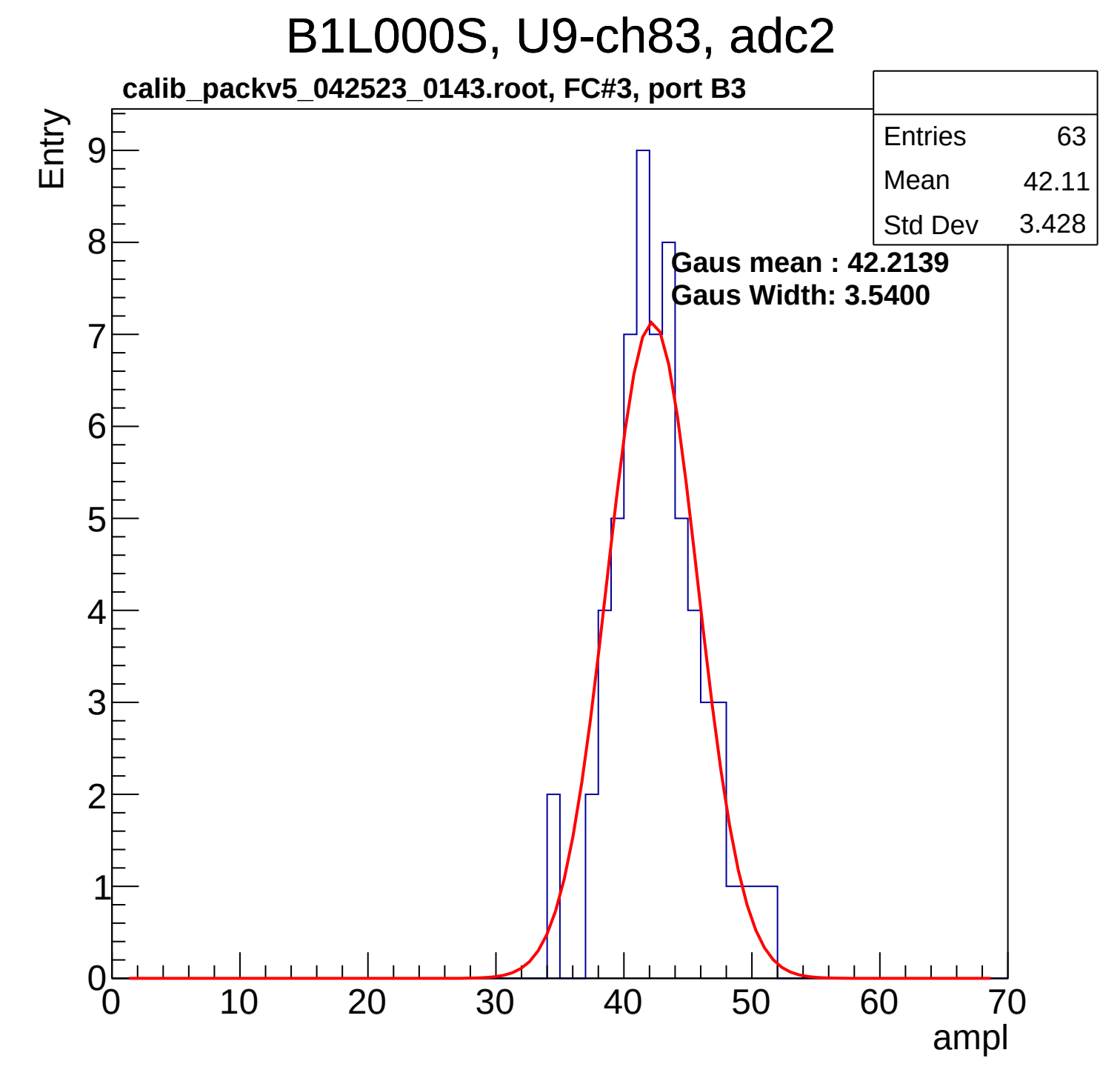
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch83, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 28.29
Std Dev 4.702
Gaus mean : 29.6733
Gaus Width: 3.5028
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch83, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.8
Std Dev 2.969
Gaus mean : 36.5252
Gaus Width: 2.7478
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch83, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 42.11
Std Dev 3.428
Gaus mean : 42.2139
Gaus Width: 3.5400
Entry
ampl
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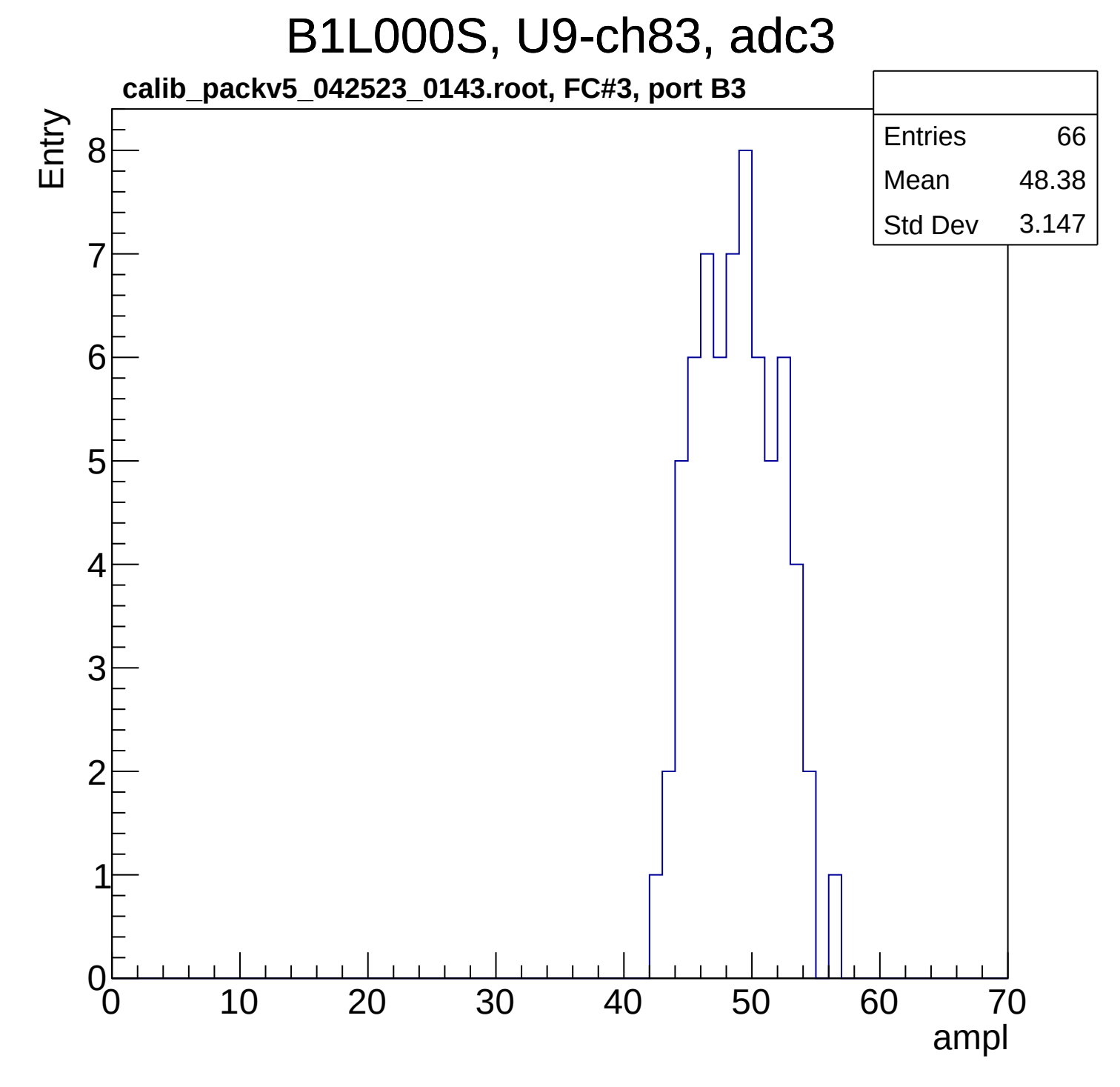
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch83, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 48.38
Std Dev 3.147
Entry
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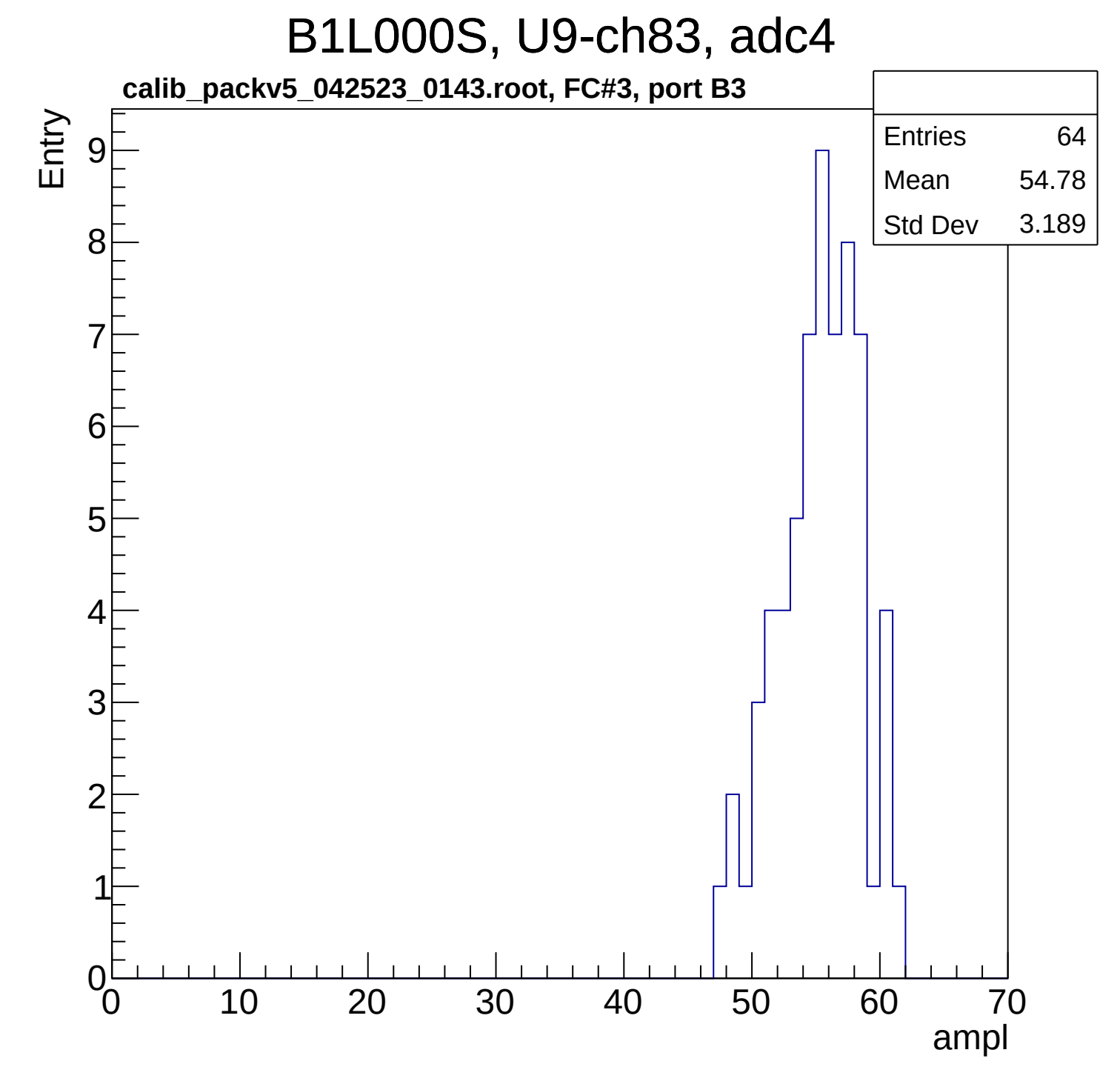
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch83, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.78
Std Dev 3.189
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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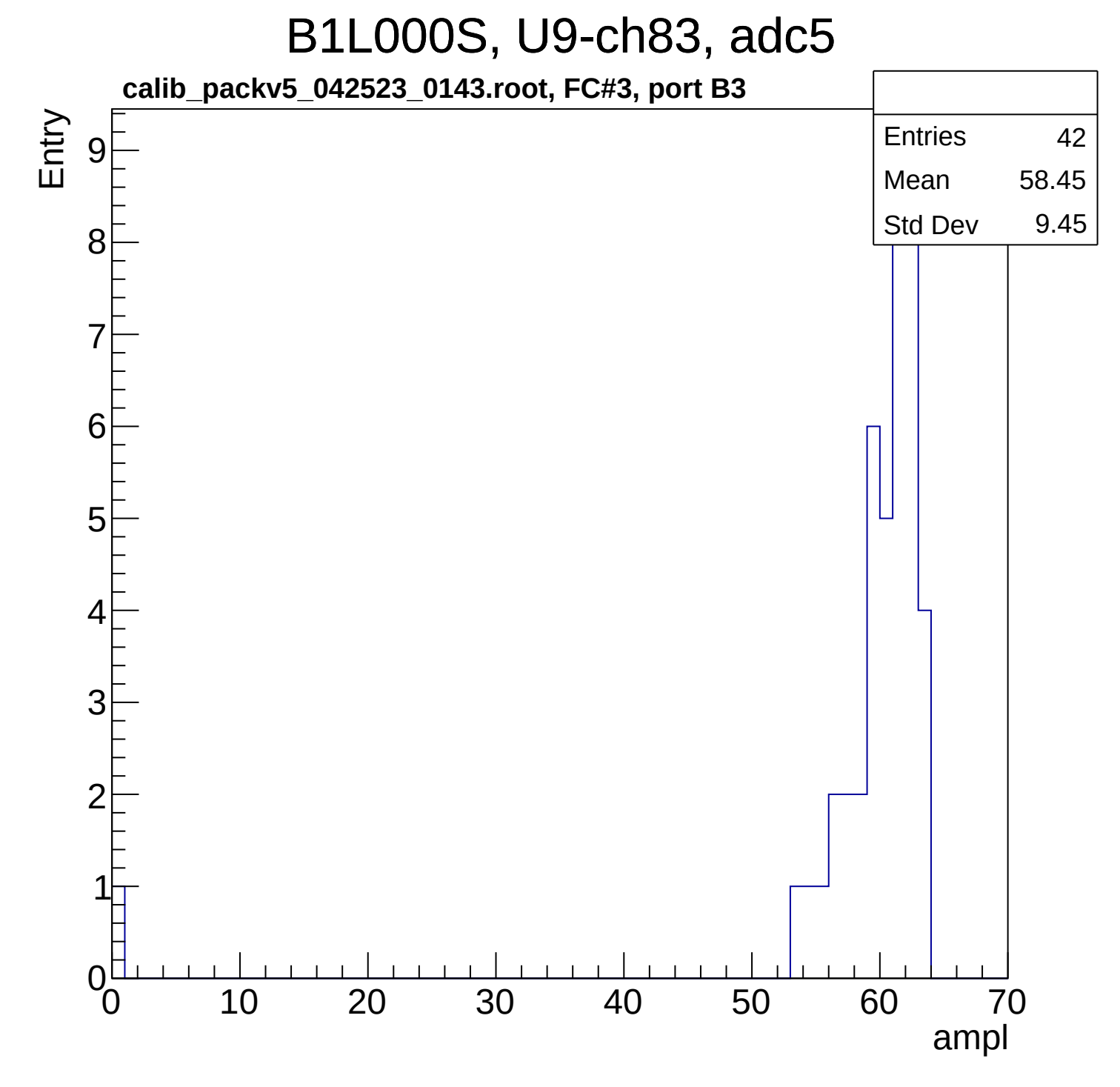
40
50
60
70


B1L000S, U9-ch83, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 58.45
Std Dev 9.45
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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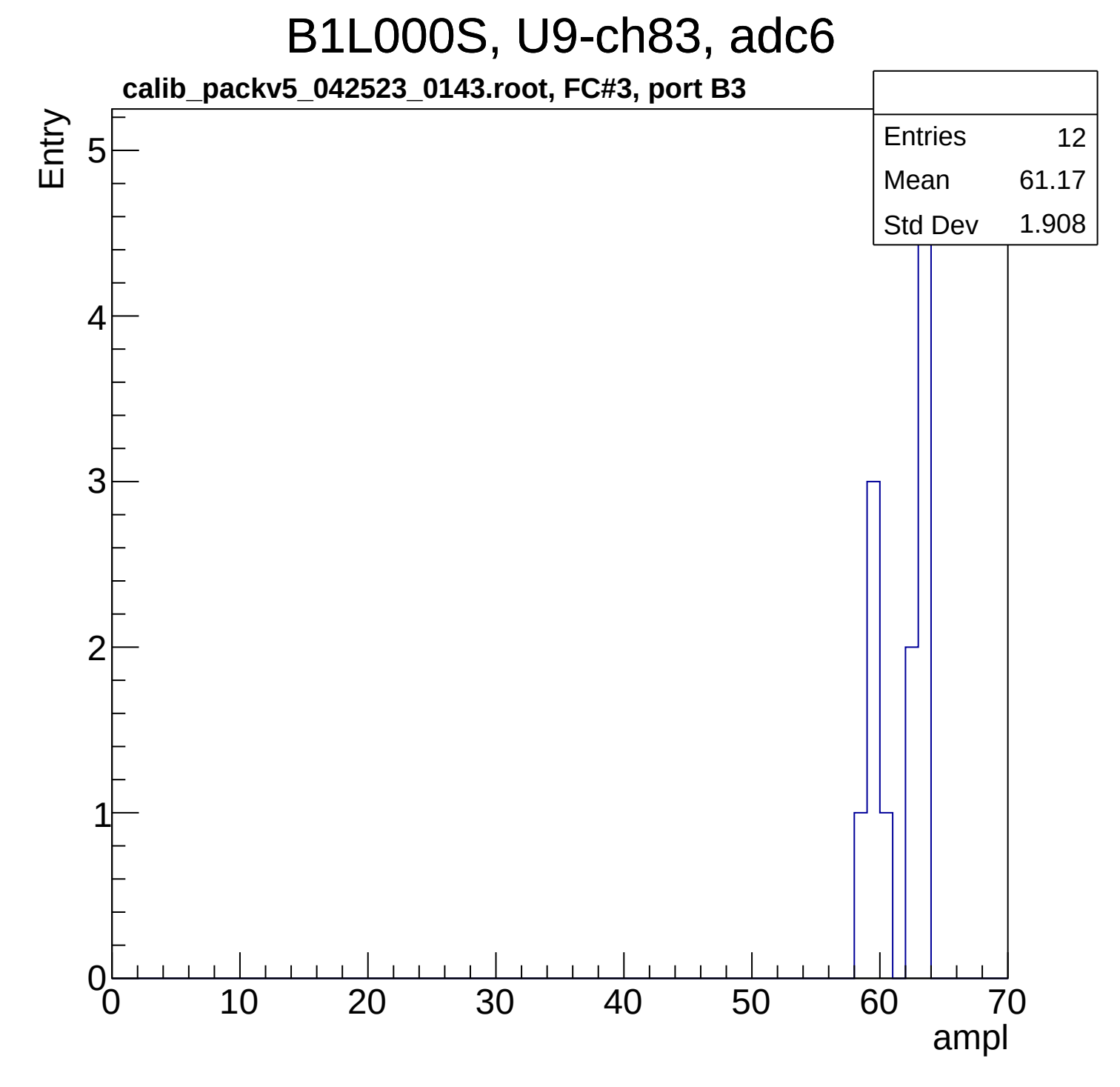
B1L000S, U9-ch83, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.17
Std Dev 1.908
Entry
0
1
2
3
4
5
0
10
20
30
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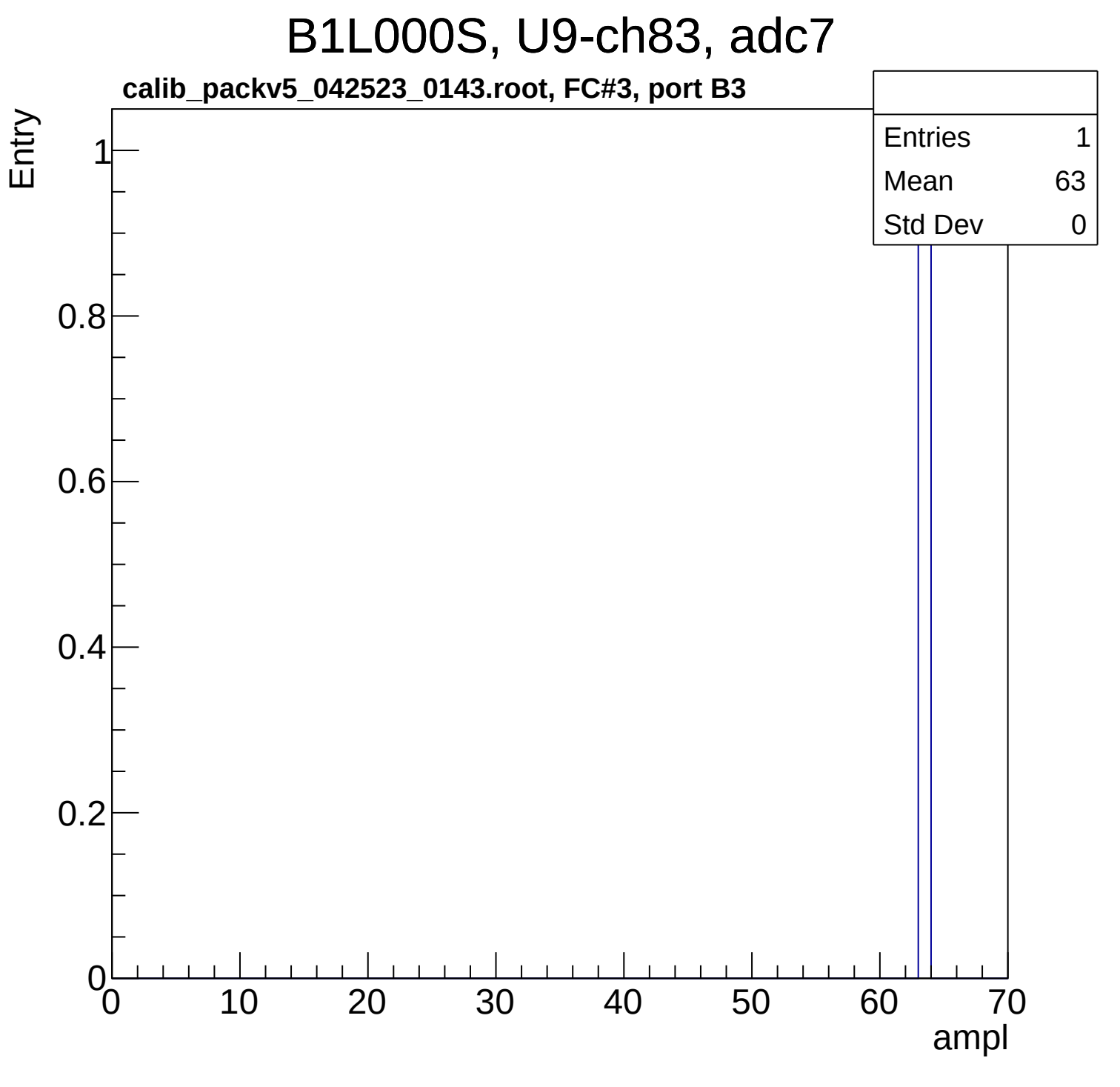
50
60
70
ampl


B1L000S, U9-ch83, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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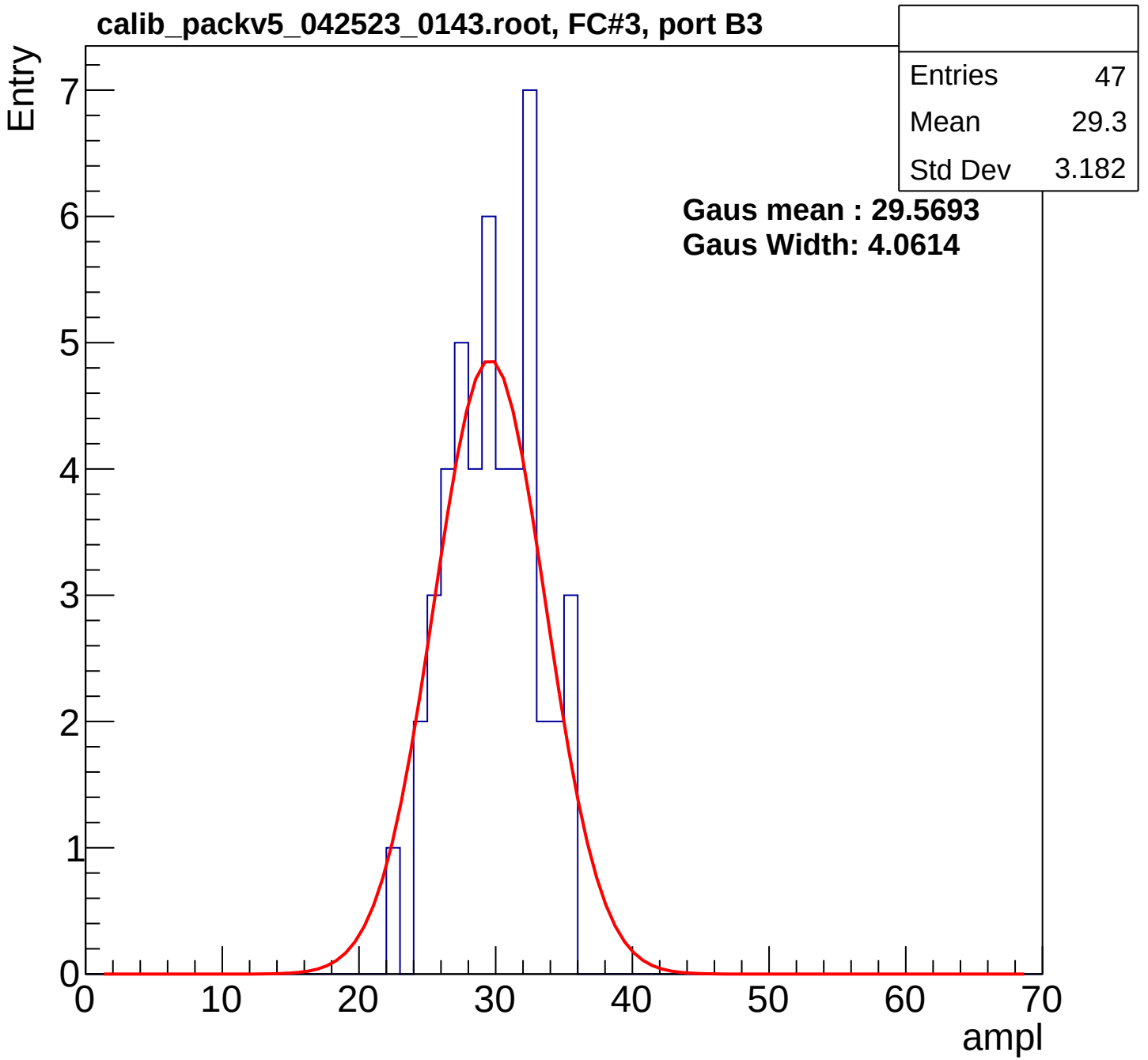
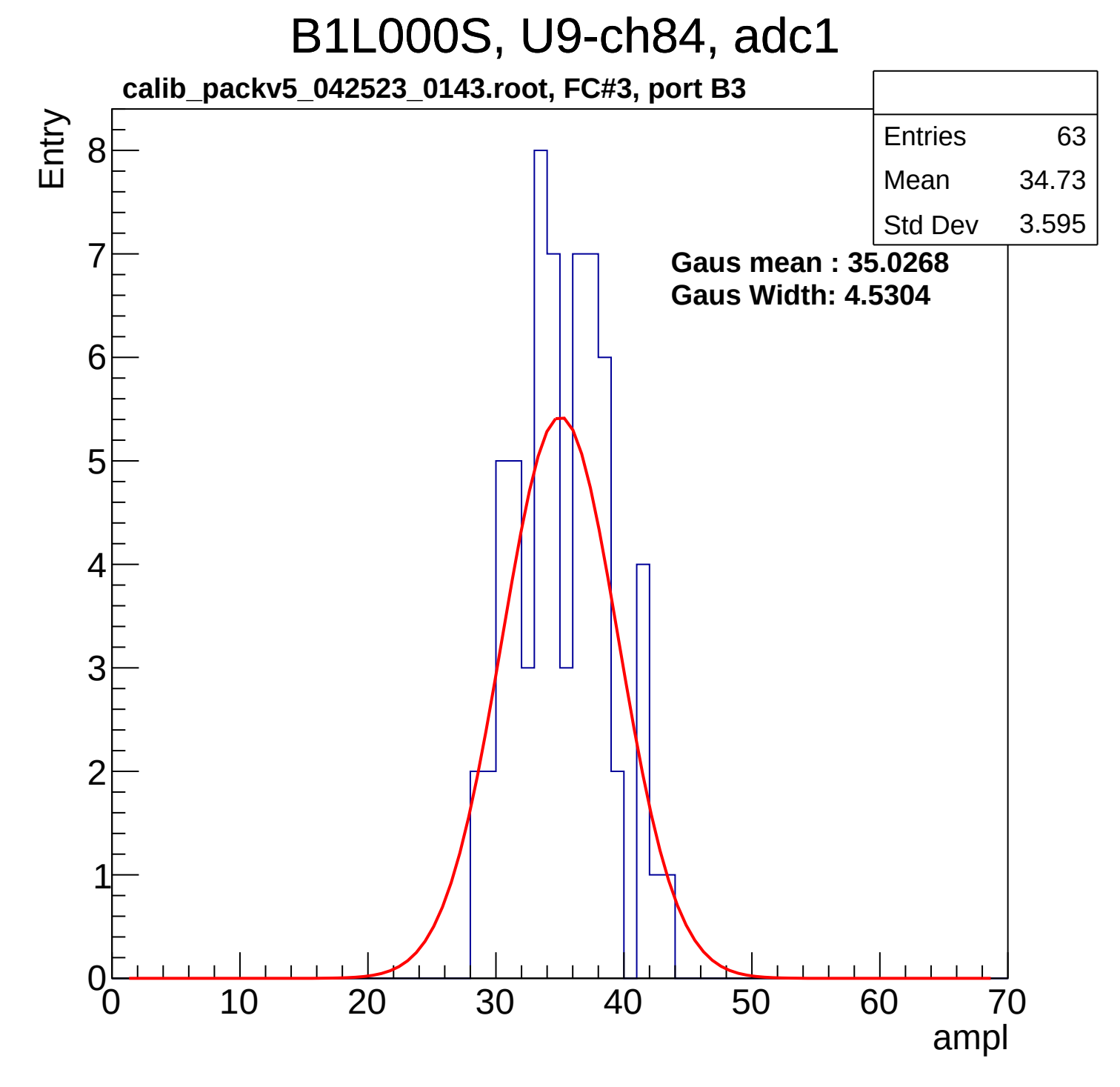
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch84, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 29.3
Std Dev 3.182
Gaus mean : 29.5693
Gaus Width: 4.0614
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch84, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 34.73
Std Dev 3.595
Gaus mean : 35.0268
Gaus Width: 4.5304
Entry
ampl
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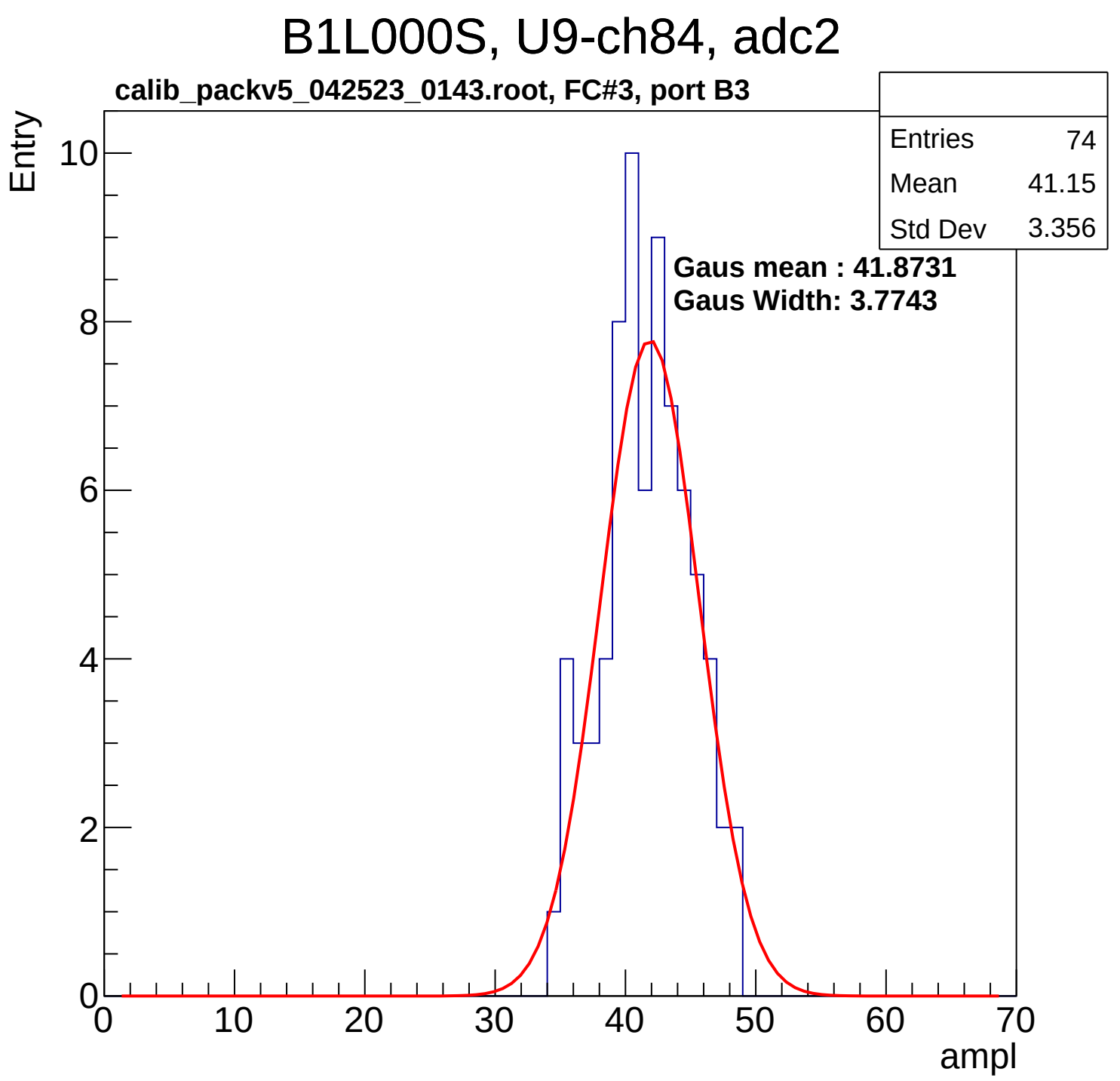
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch84, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 41.15
Std Dev 3.356
Gaus mean : 41.8731
Gaus Width: 3.7743
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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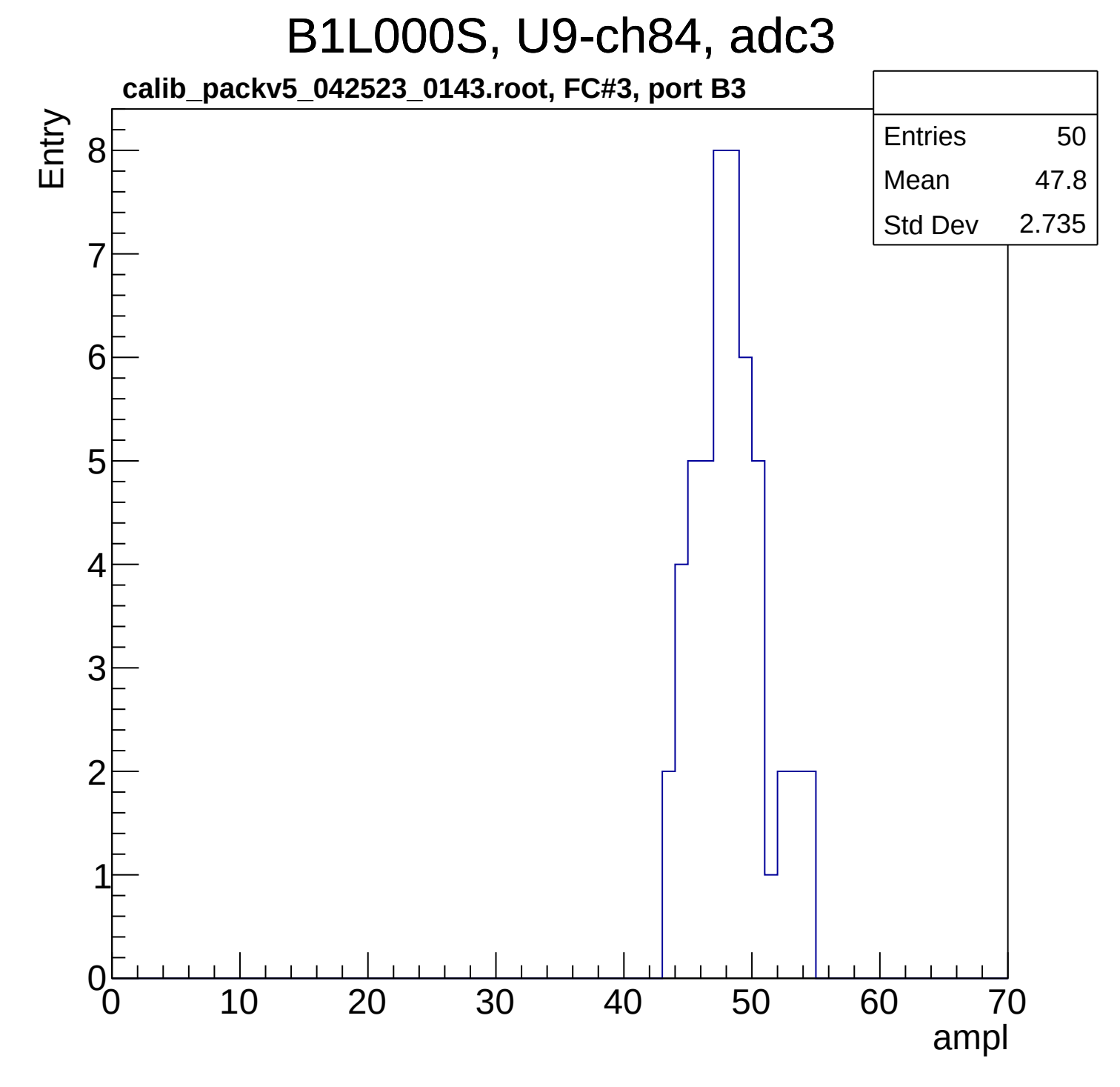
B1L000S, U9-ch84, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 47.8
Std Dev 2.735
Entry
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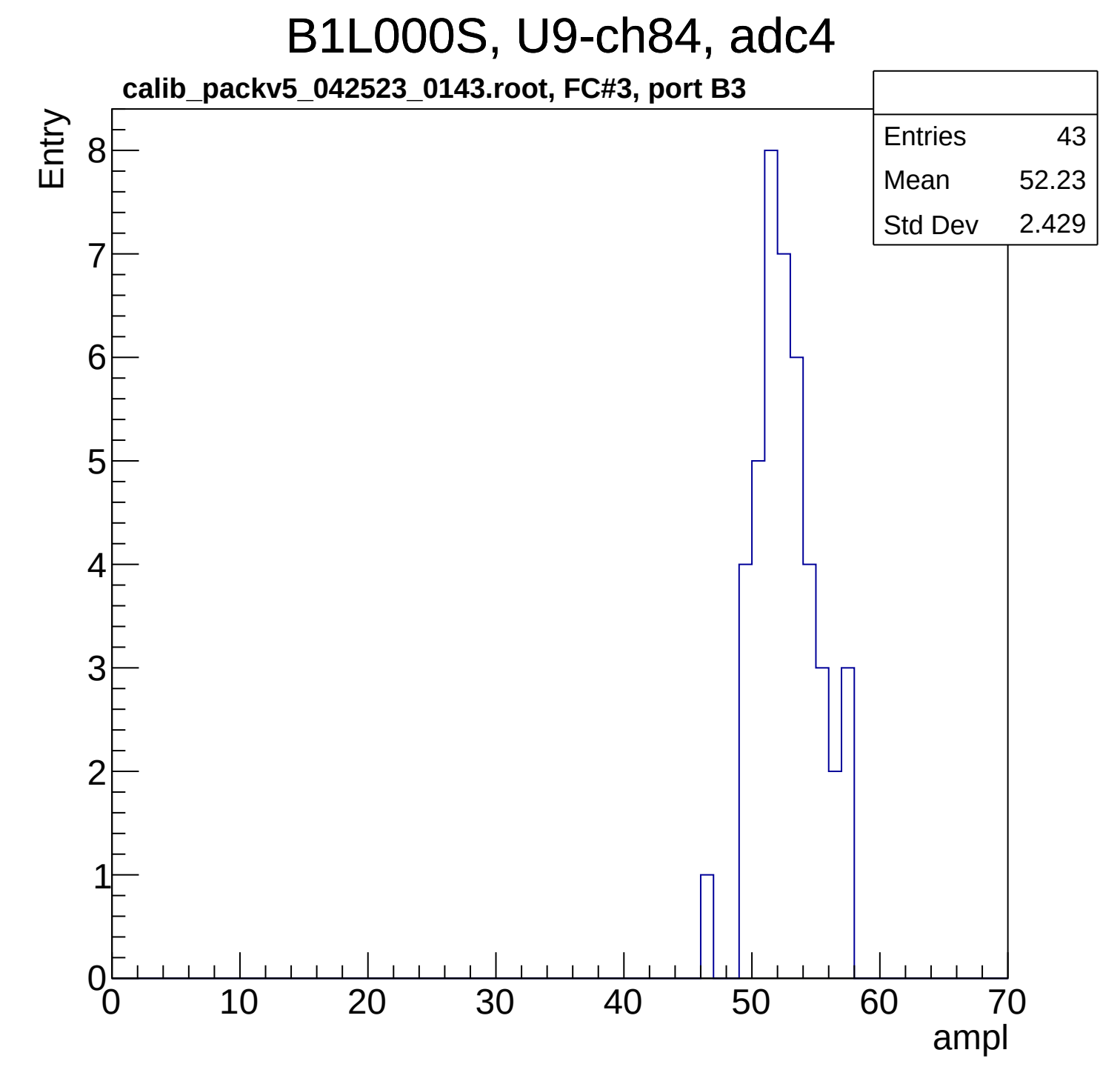
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch84, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 52.23
Std Dev 2.429
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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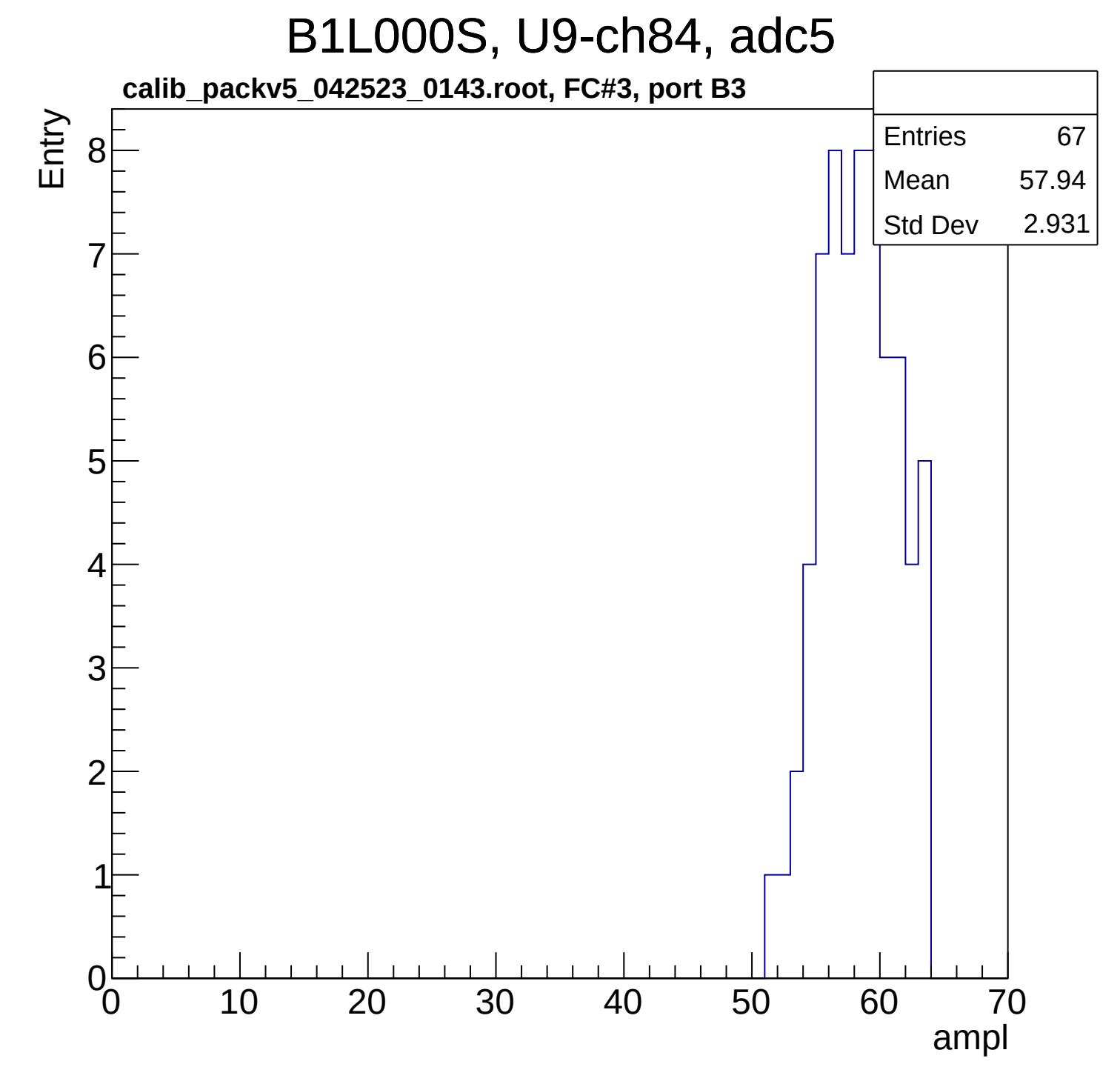
B1L000S, U9-ch84, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 57.94
Std Dev 2.931
Entry
ampl
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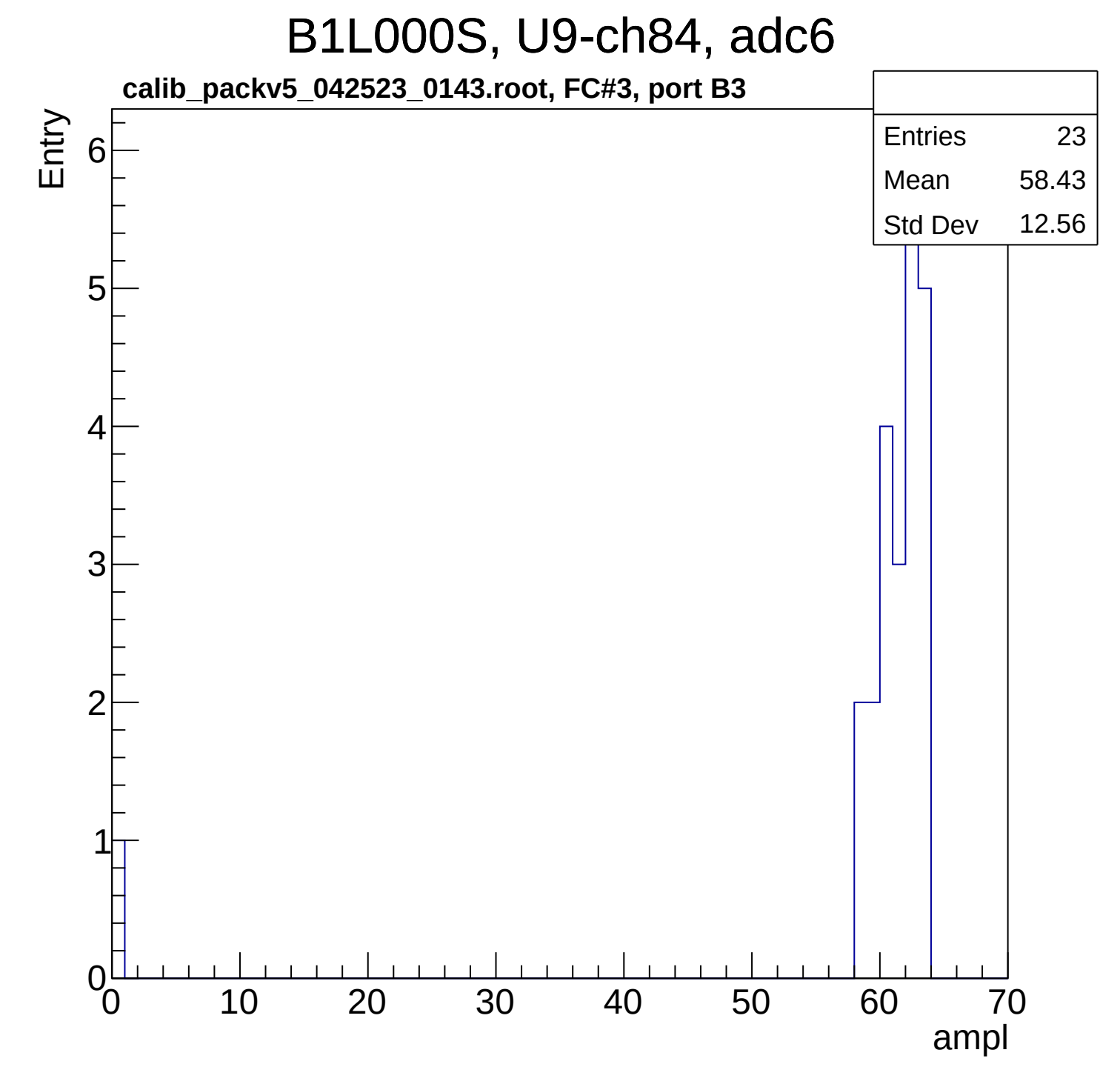
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch84, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 58.43
Std Dev 12.56
Entry
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3
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5
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0
10
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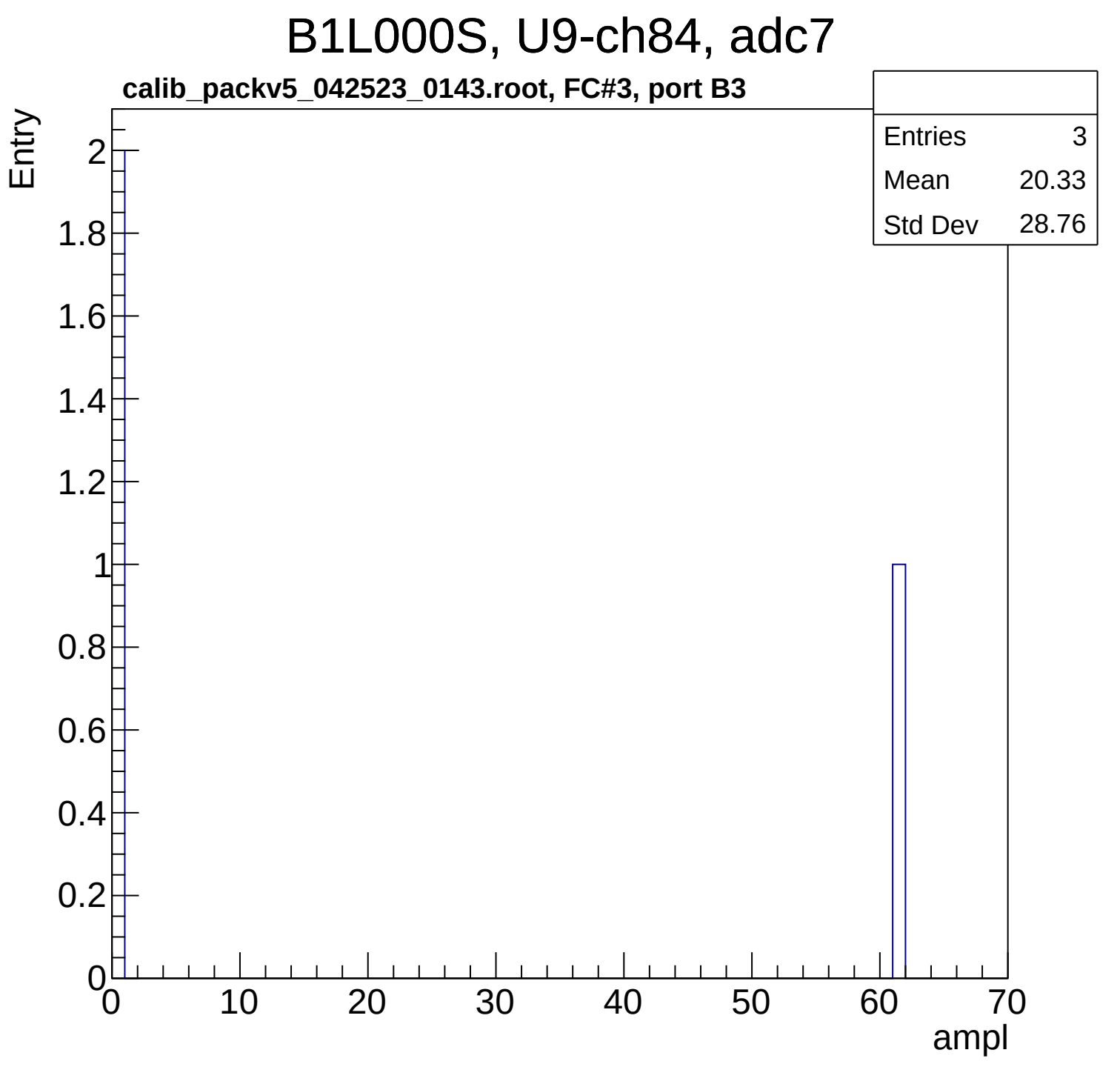
70
ampl


B1L000S, U9-ch84, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 20.33
Std Dev 28.76
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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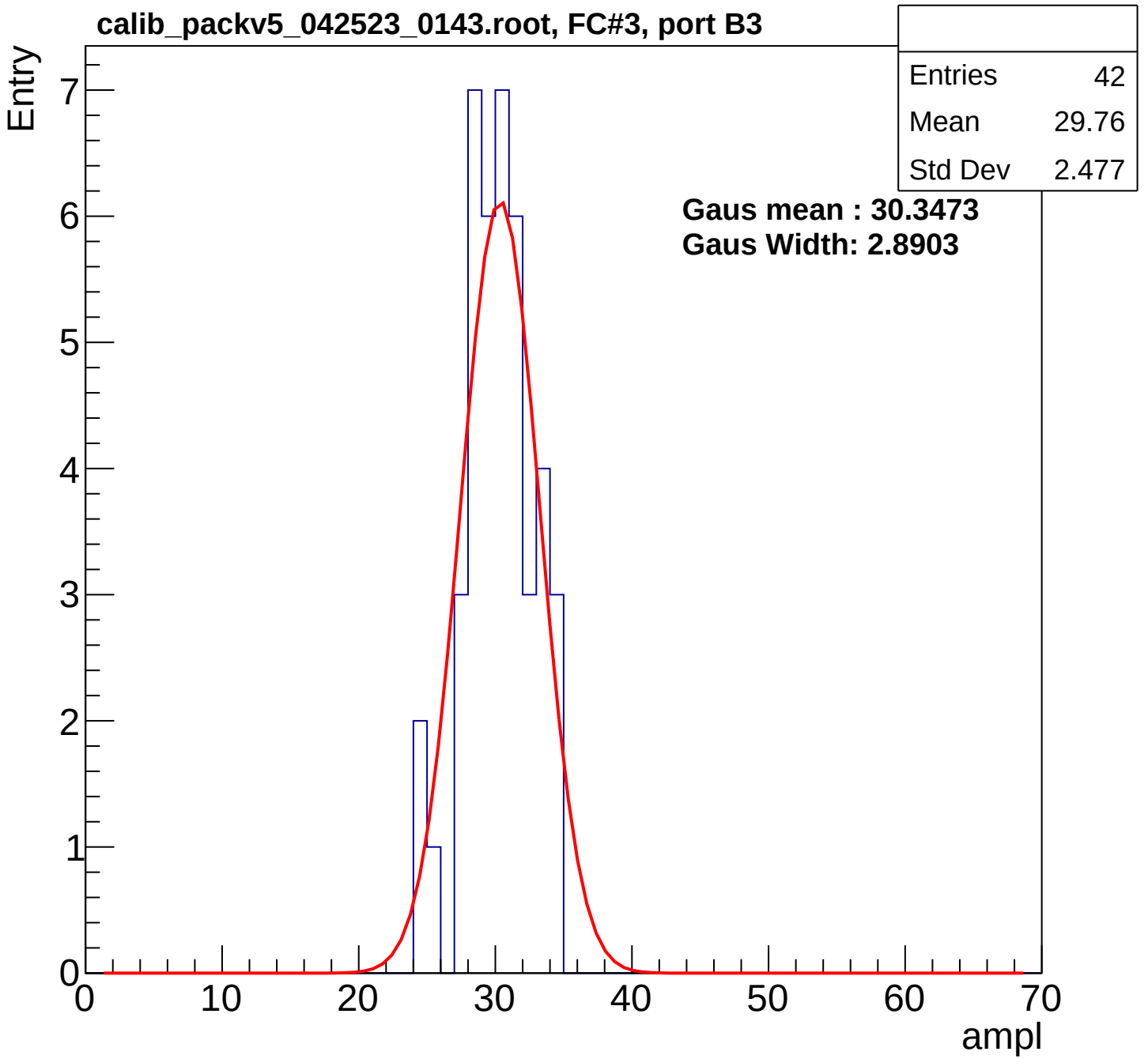
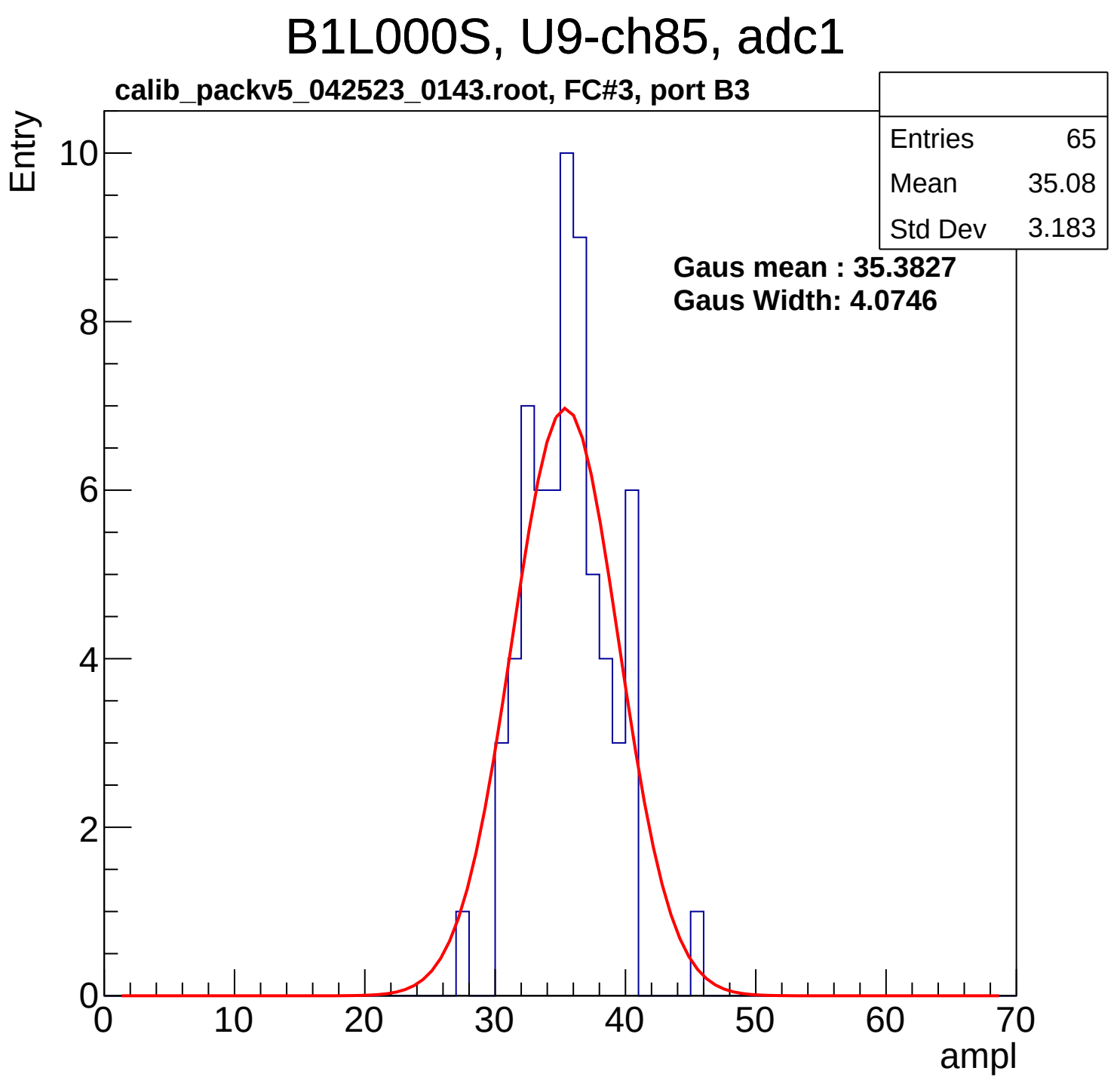

B1L000S, U9-ch85, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 29.76
Std Dev 2.477
Gaus mean : 30.3473
Gaus Width: 2.8903
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch85, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.08
Std Dev 3.183
Gaus mean : 35.3827
Gaus Width: 4.0746
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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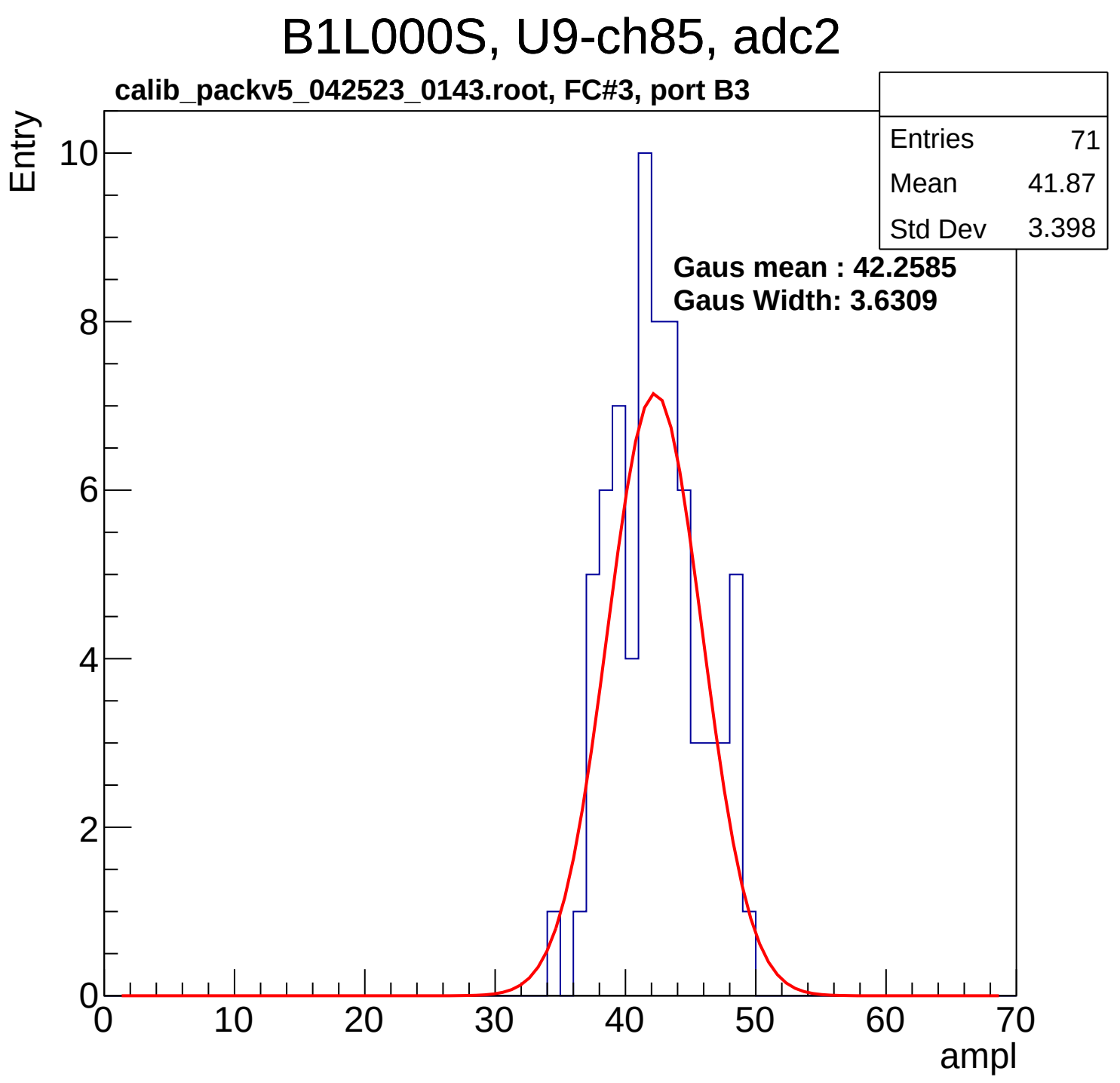
60
70


B1L000S, U9-ch85, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 41.87
Std Dev 3.398
Gaus mean : 42.2585
Gaus Width: 3.6309
Entry
ampl
0
2
4
6
8
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0
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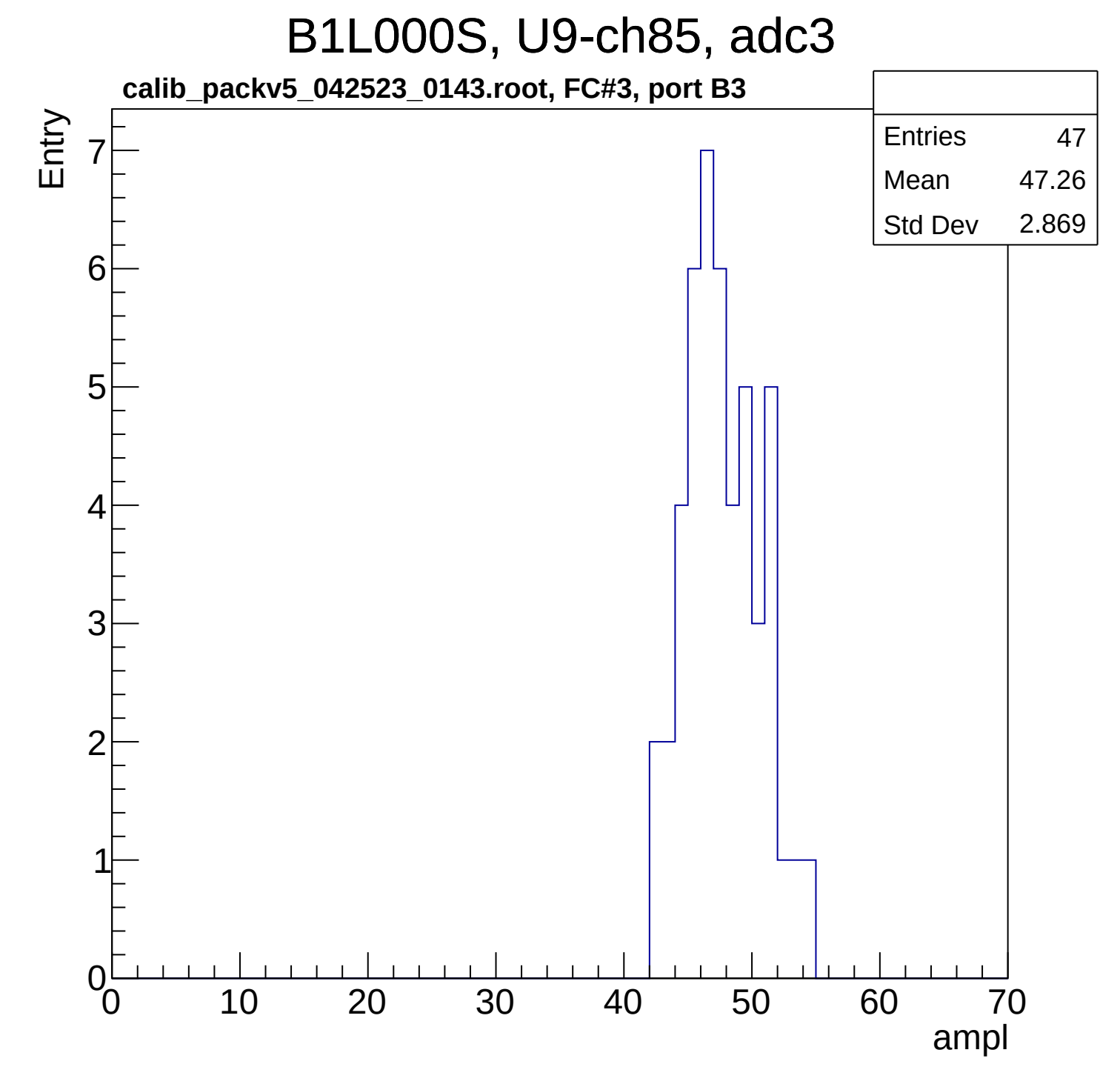
B1L000S, U9-ch85, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 47.26
Std Dev 2.869
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
30
40
50
60
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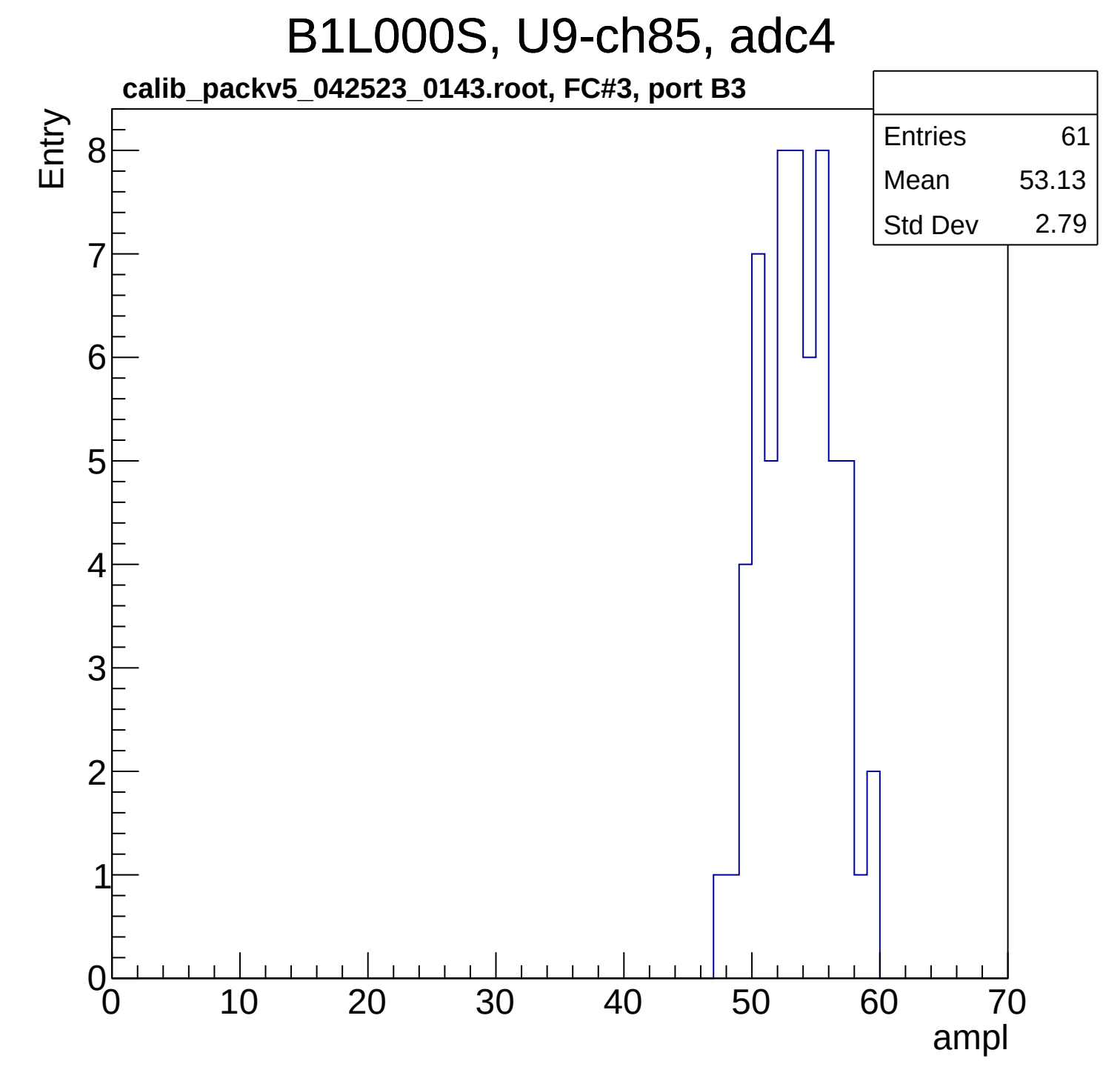
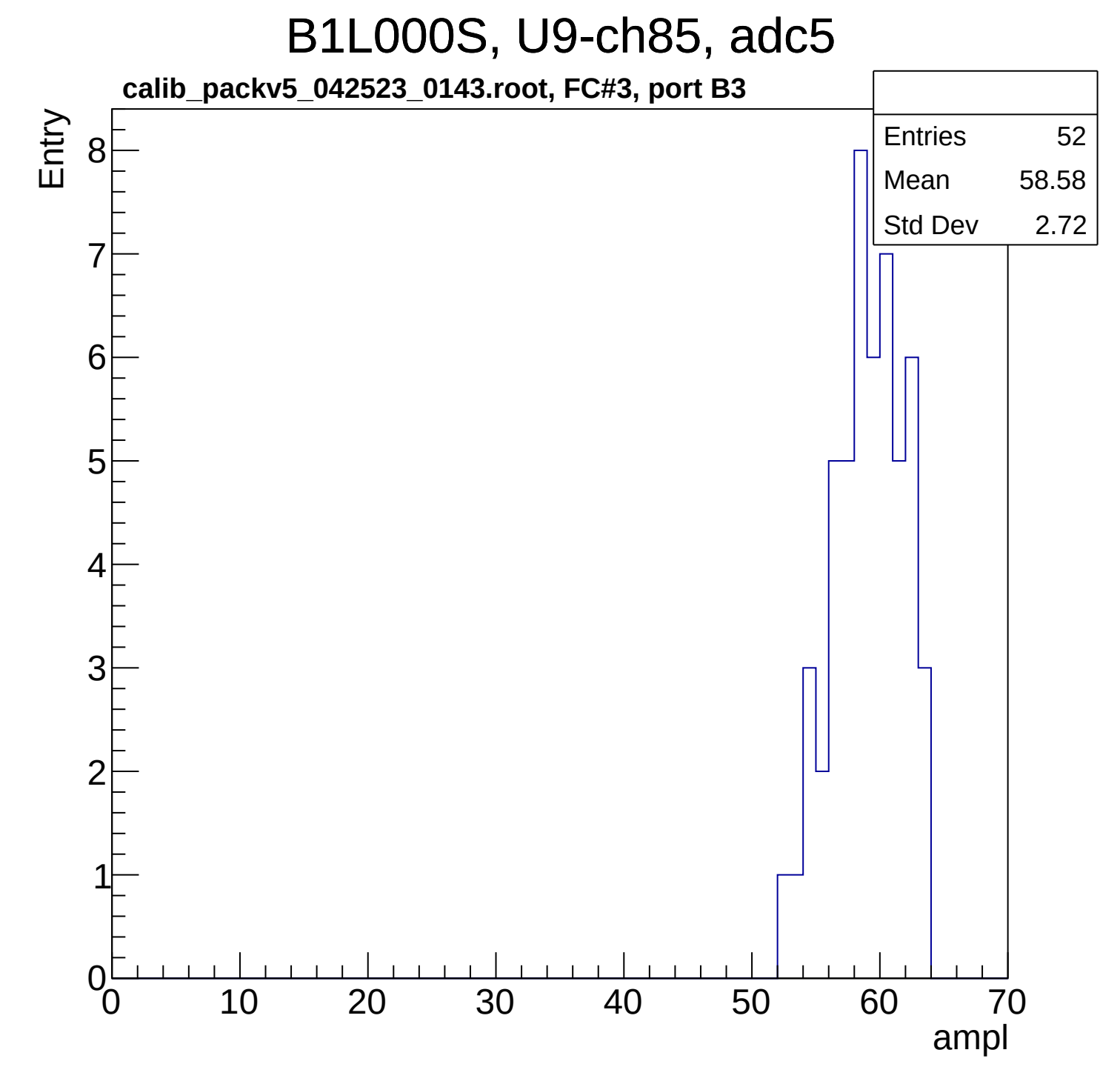

B1L000S, U9-ch85, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.13
Std Dev 2.79
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch85, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.58
Std Dev 2.72
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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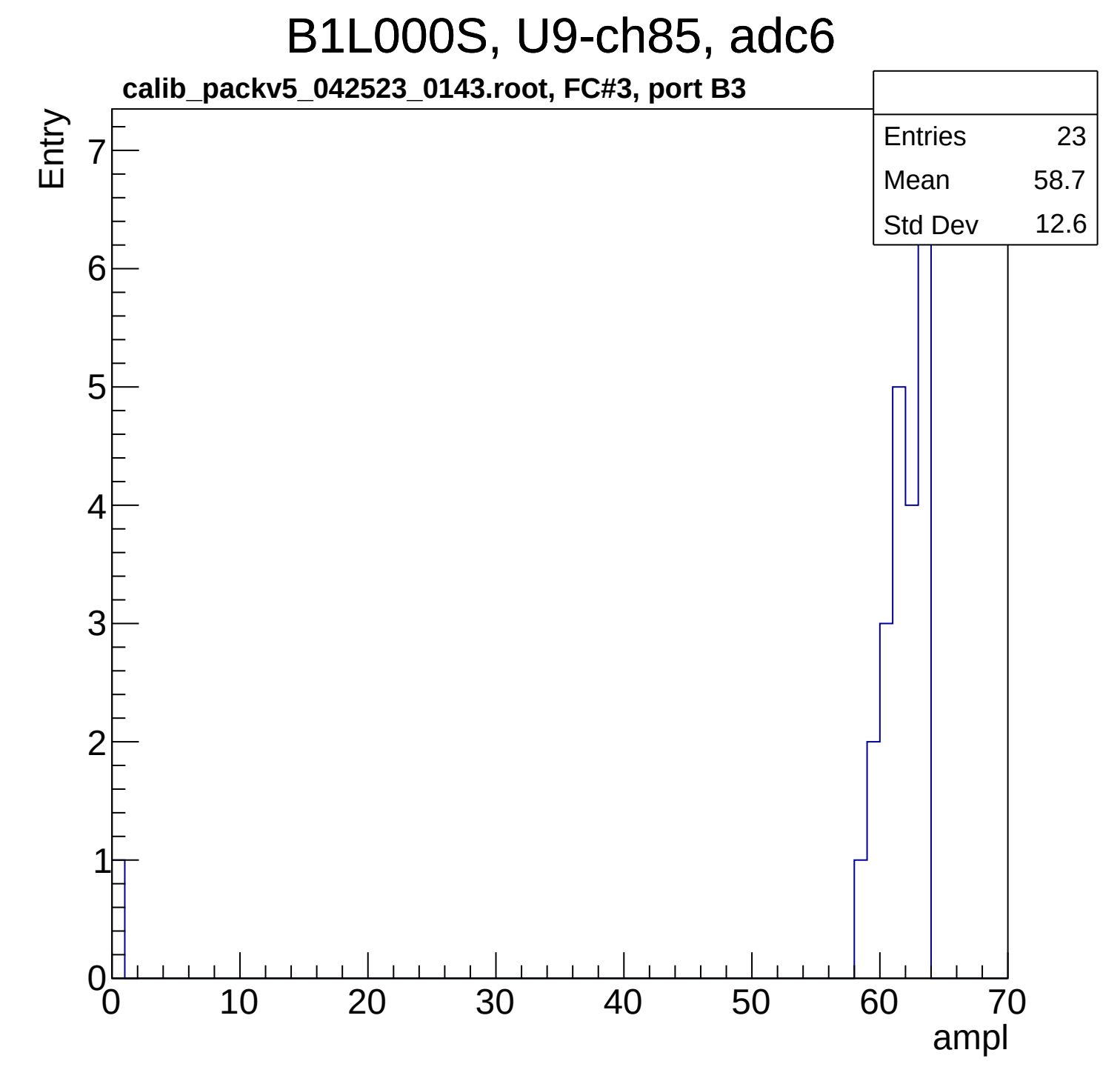
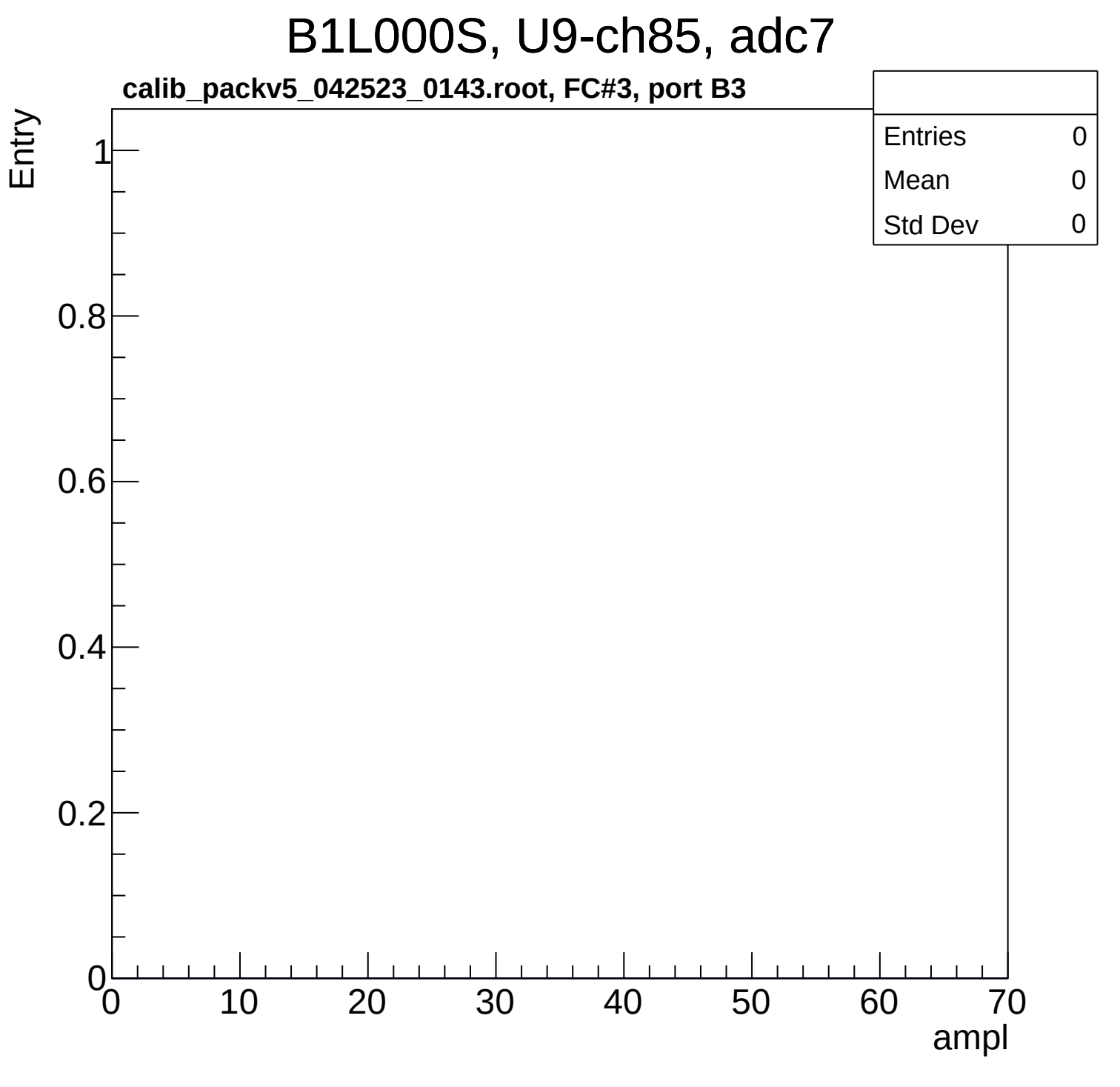
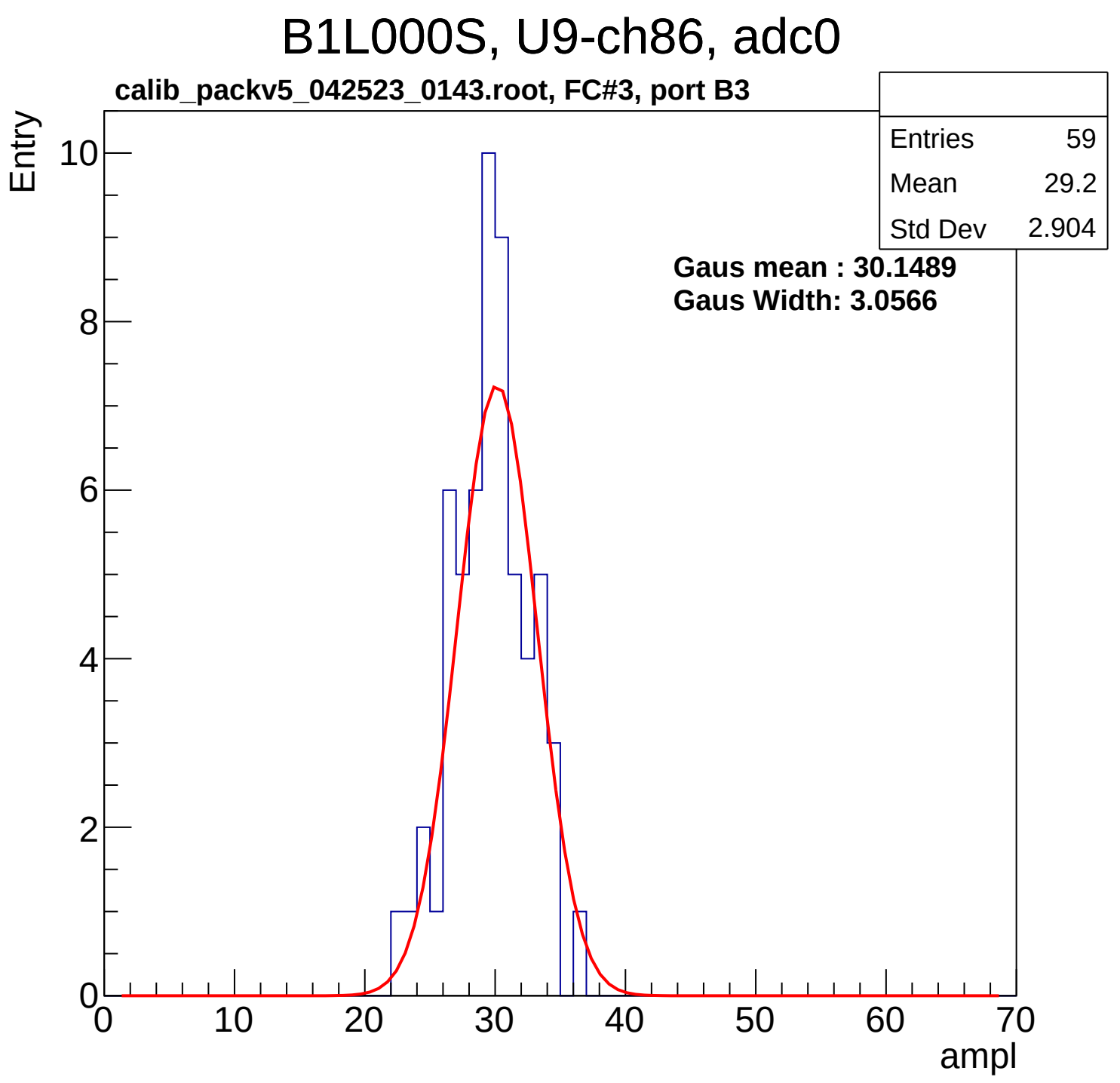
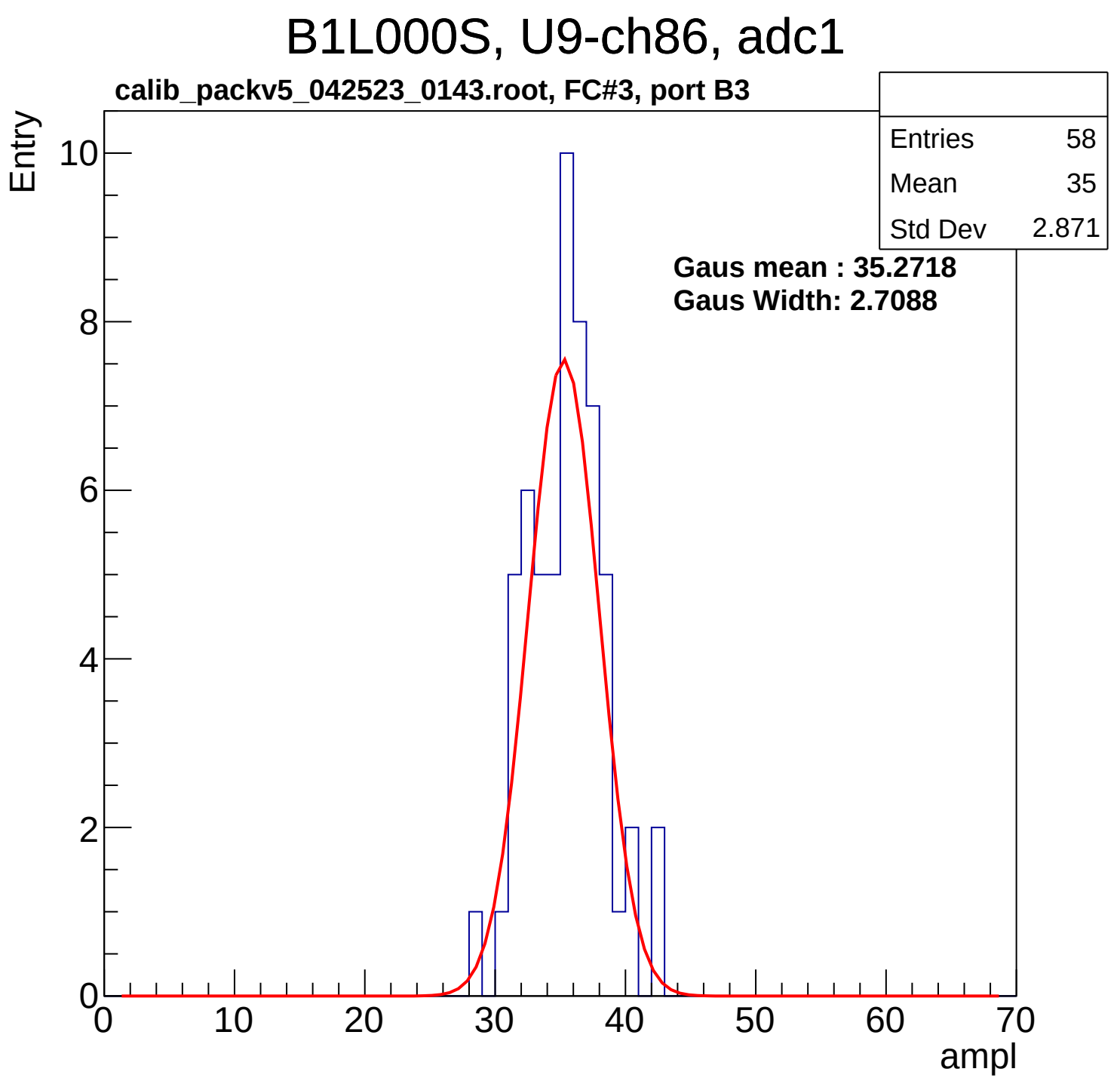
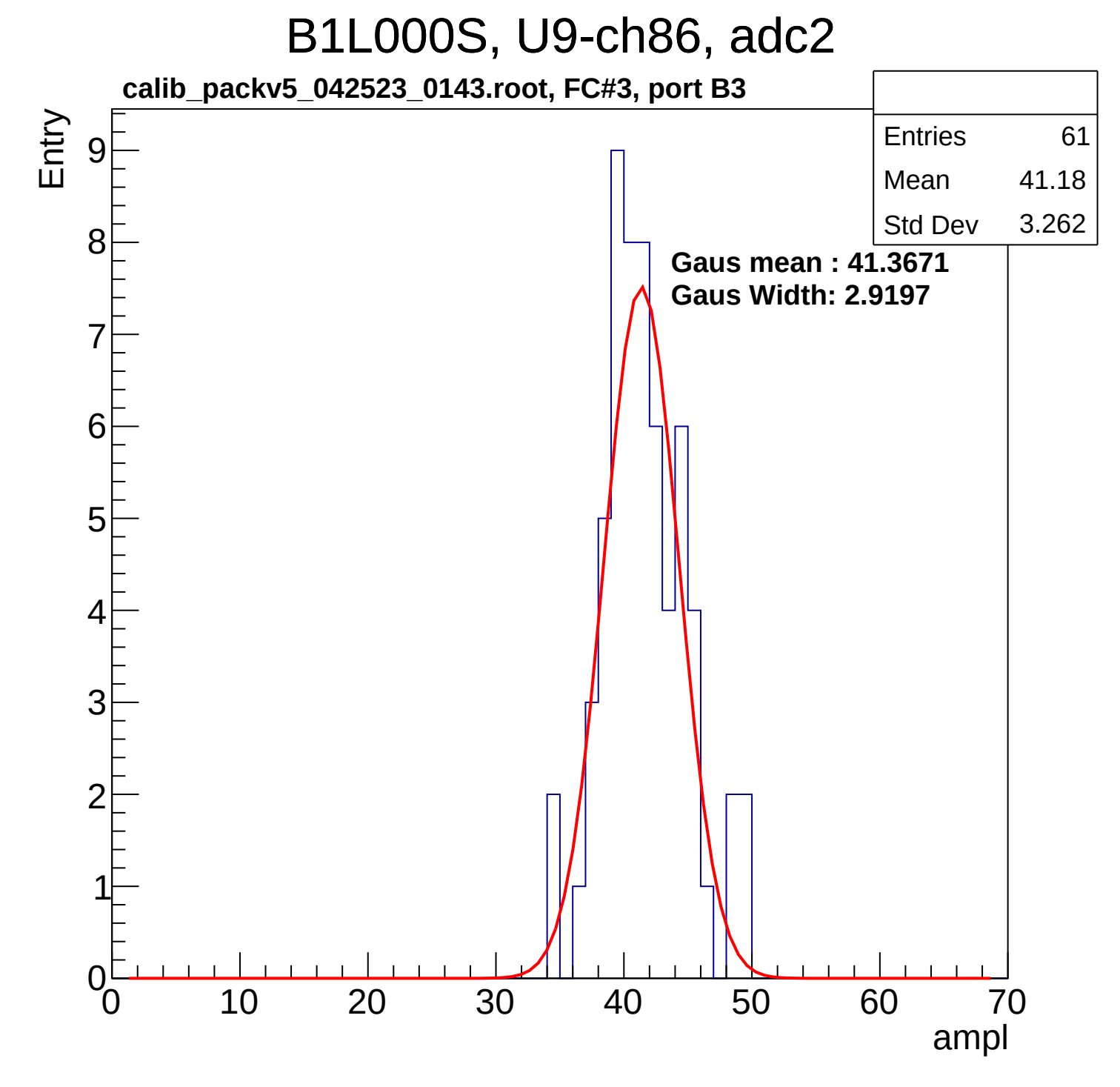
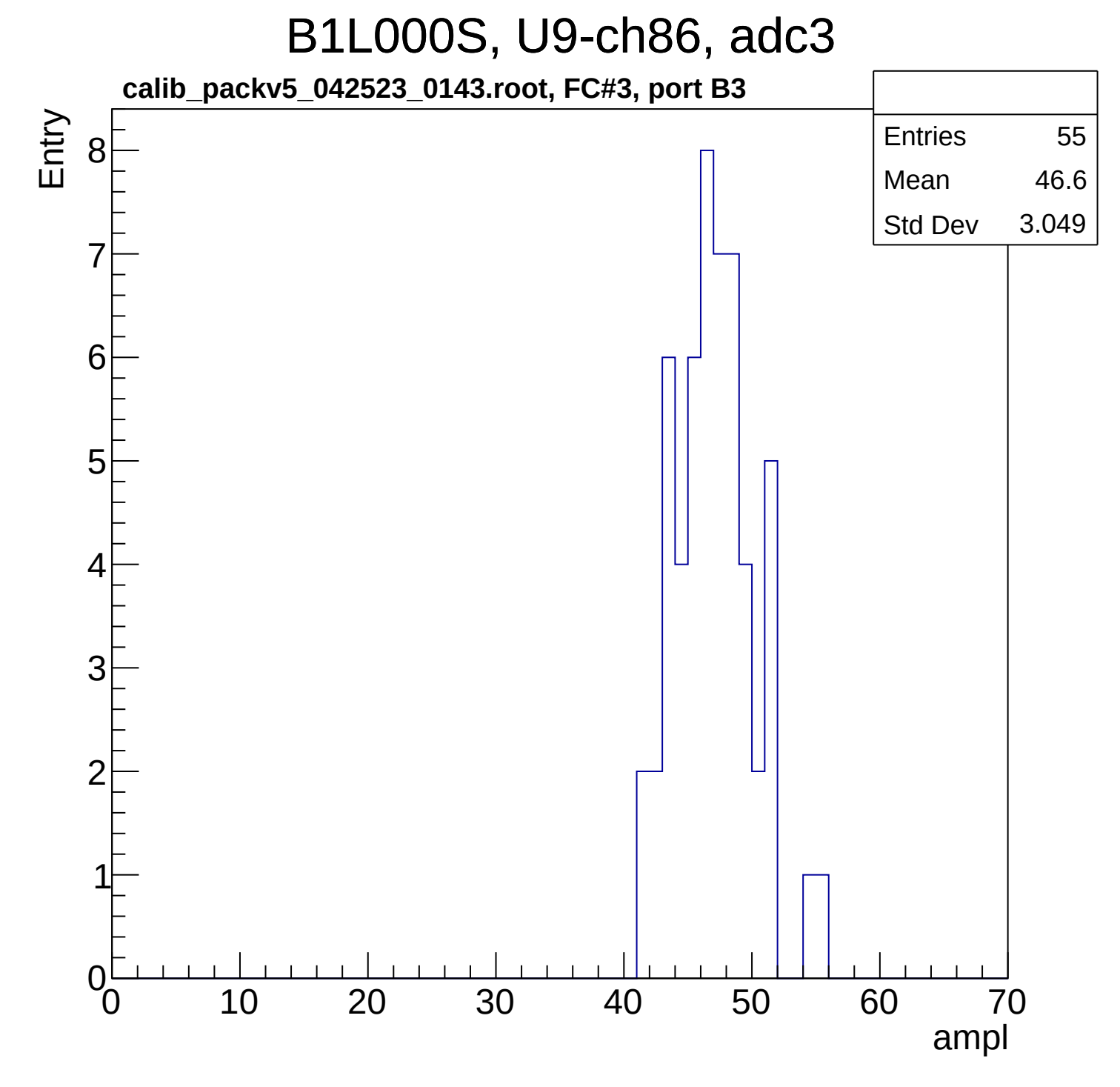

B1L000S, U9-ch85, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 58.7
Std Dev 12.6
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

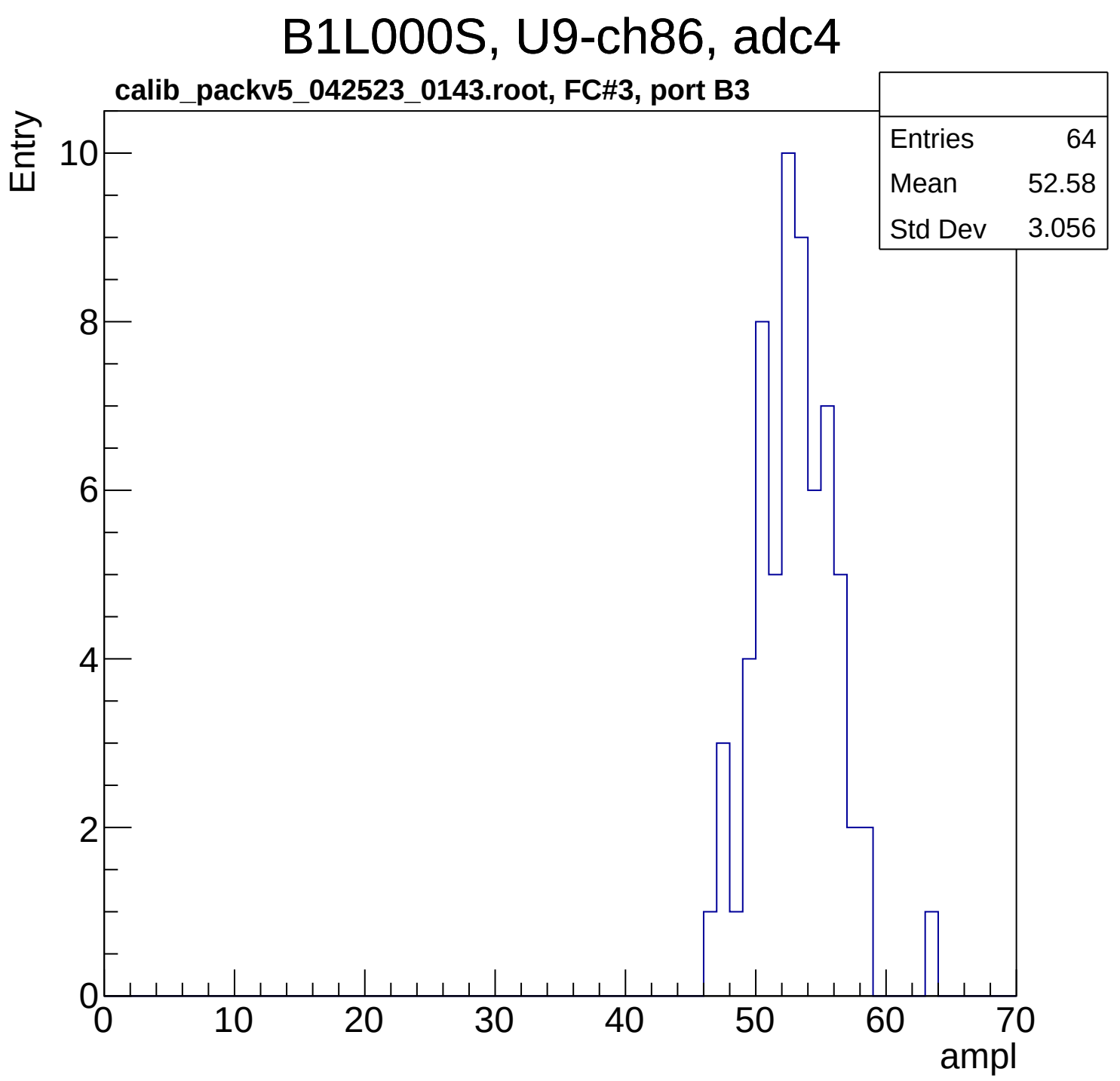

B1L000S, U9-ch85, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

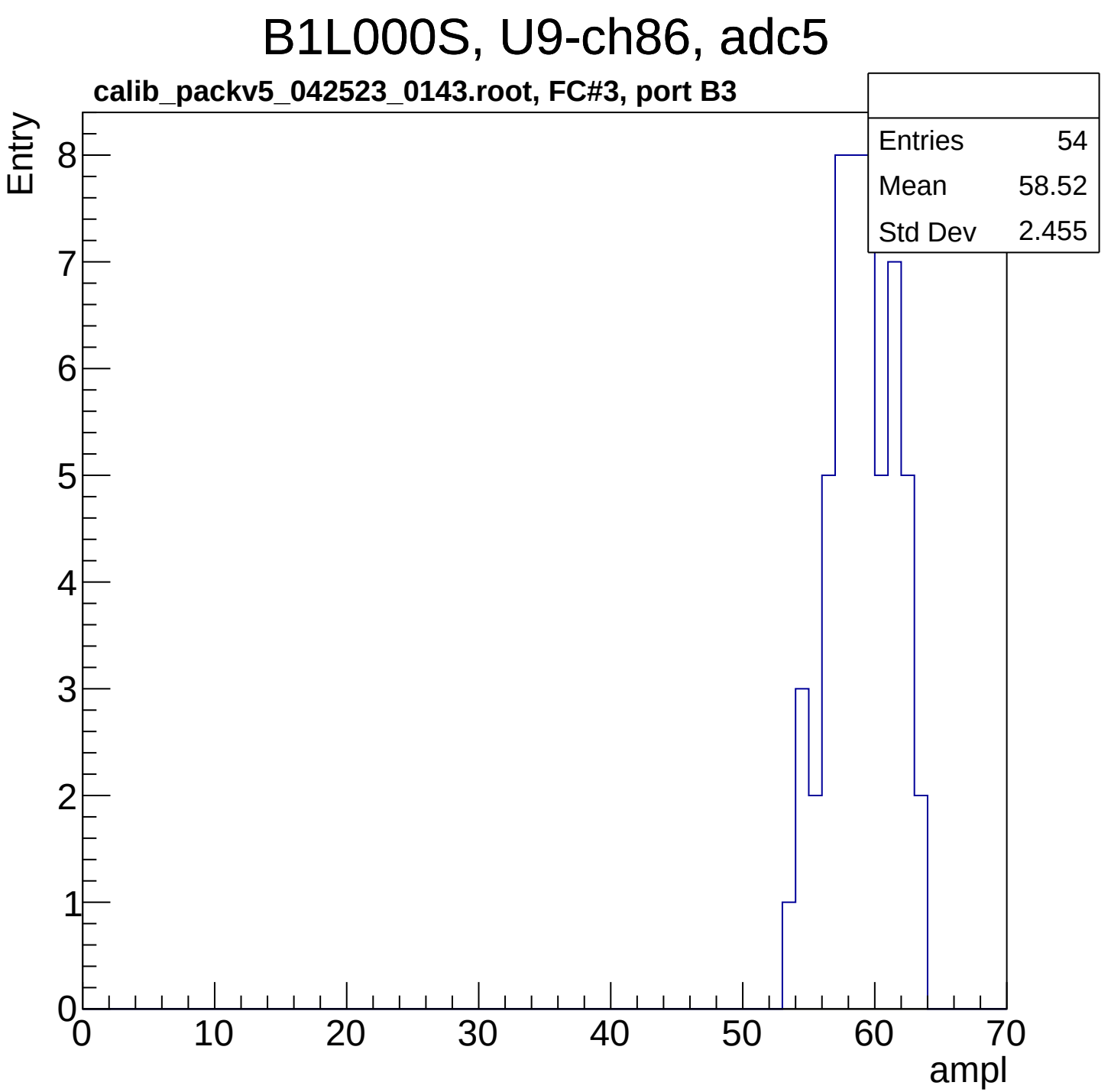

B1L000S, U9-ch86, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.2
Std Dev 2.904
Gaus mean : 30.1489
Gaus Width: 3.0566
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch86, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35
Std Dev 2.871
Gaus mean : 35.2718
Gaus Width: 2.7088
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch86, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.18
Std Dev 3.262
Gaus mean : 41.3671
Gaus Width: 2.9197
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch86, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 46.6
Std Dev 3.049
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch86, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 52.58
Std Dev 3.056
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch86, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.52
Std Dev 2.455
Entry
ampl
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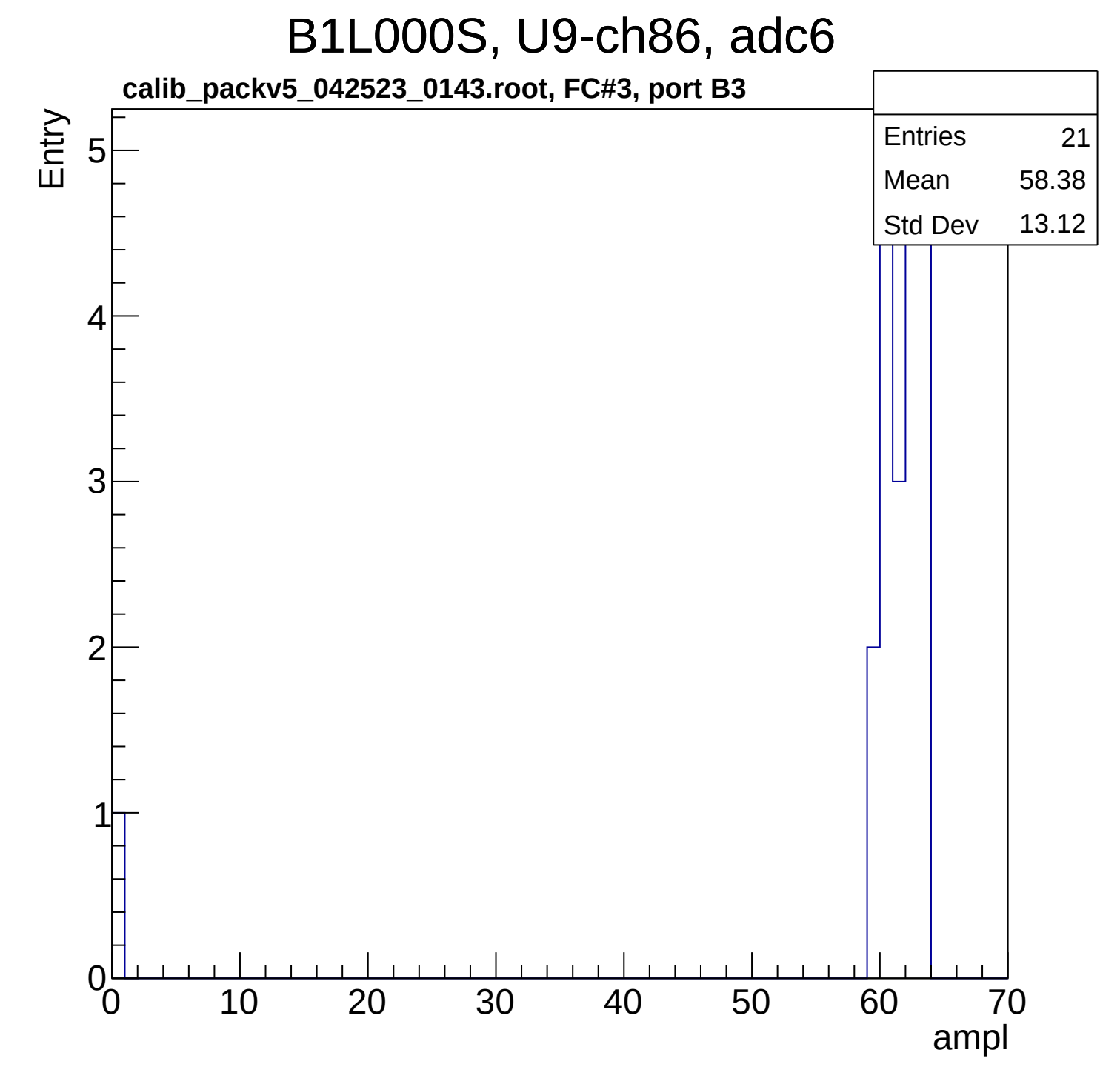
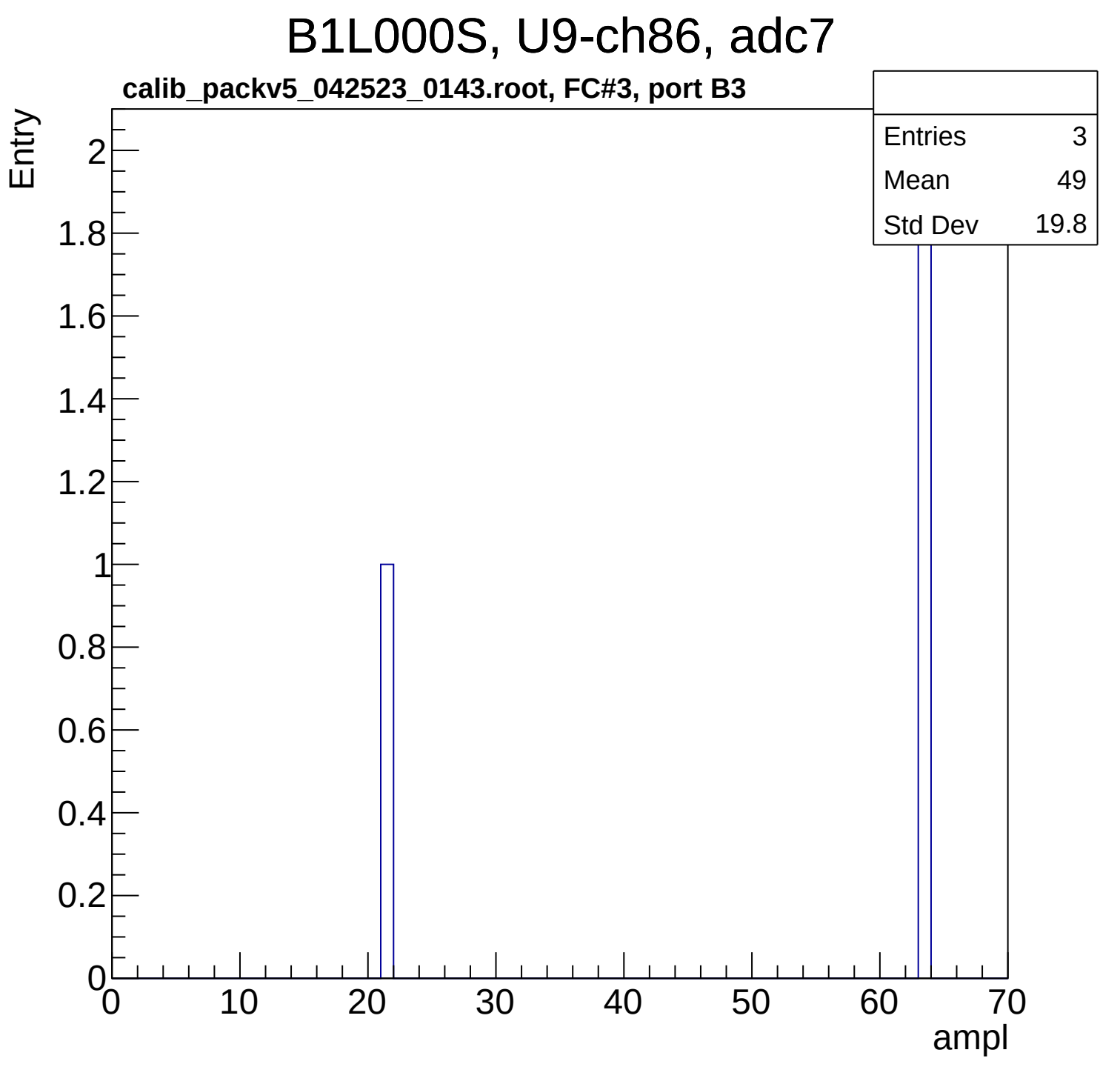
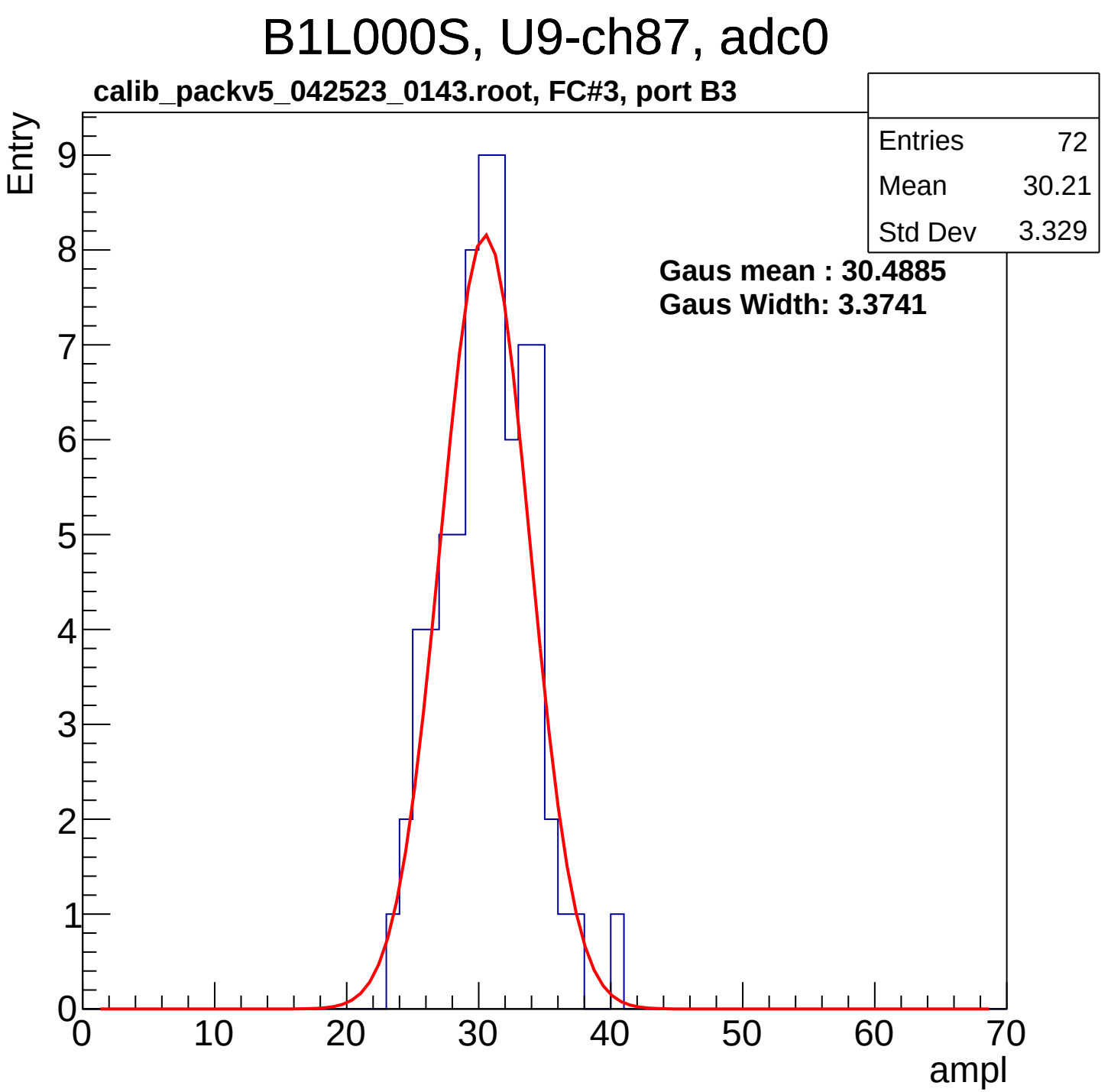
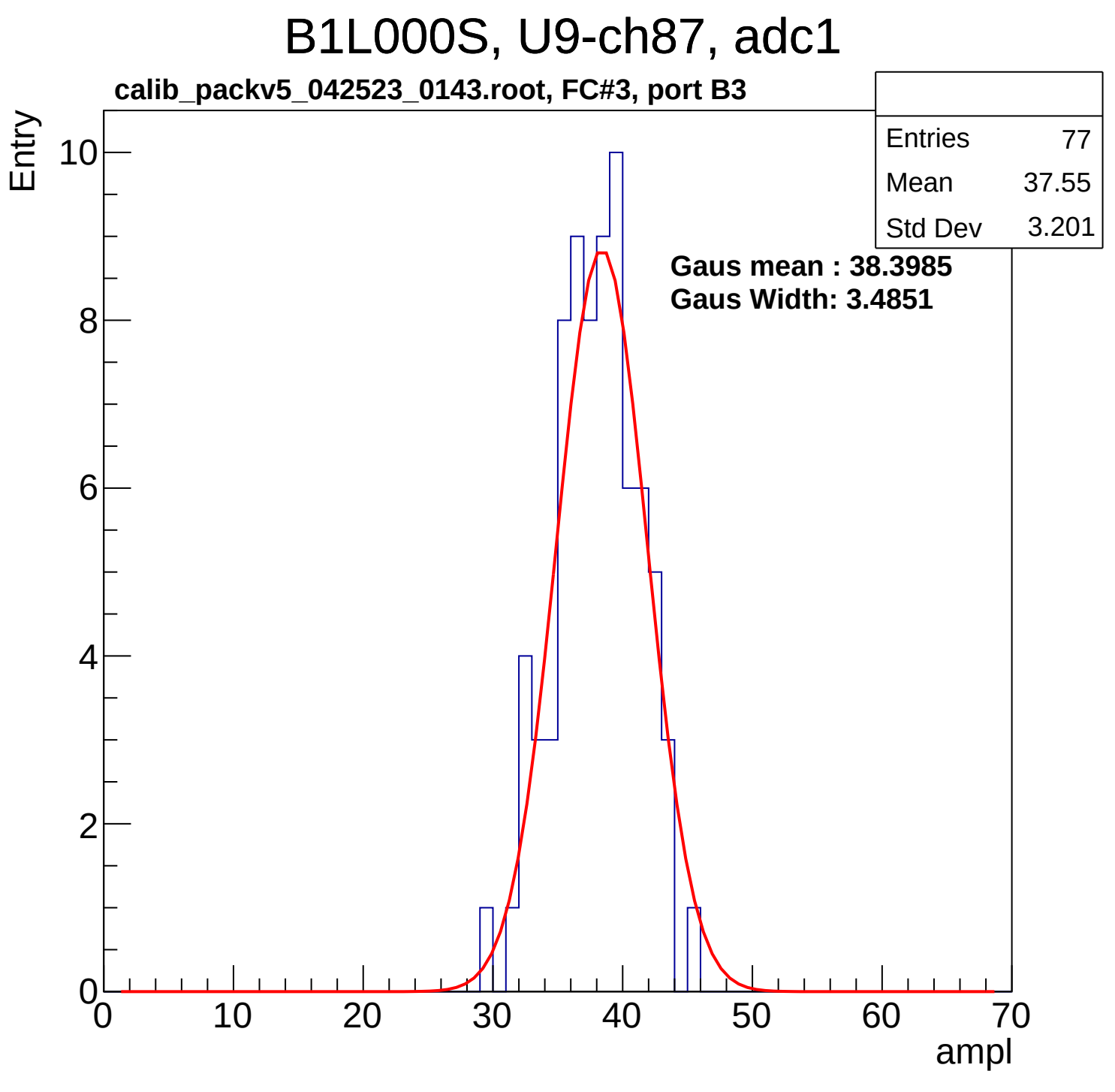
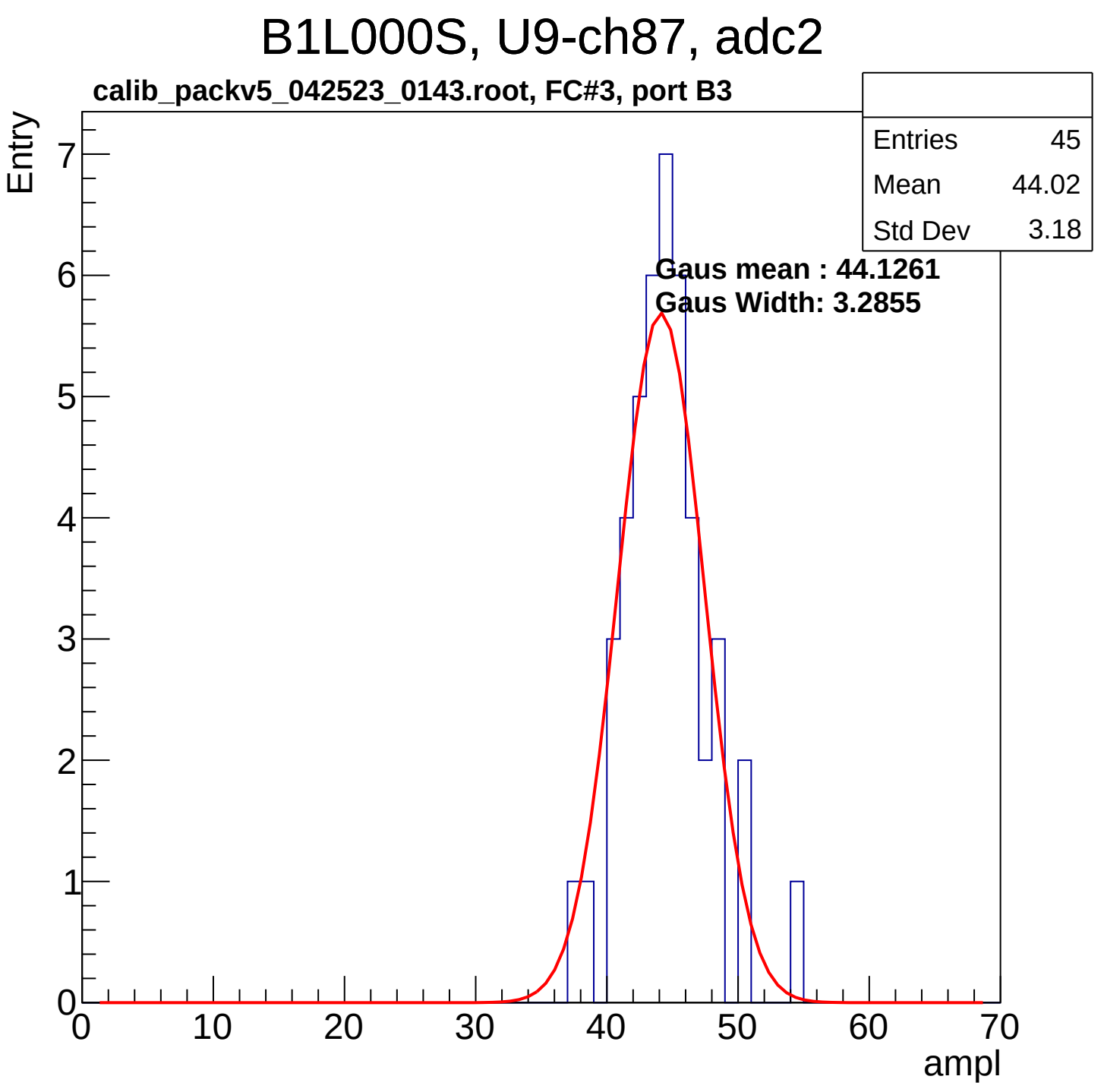
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

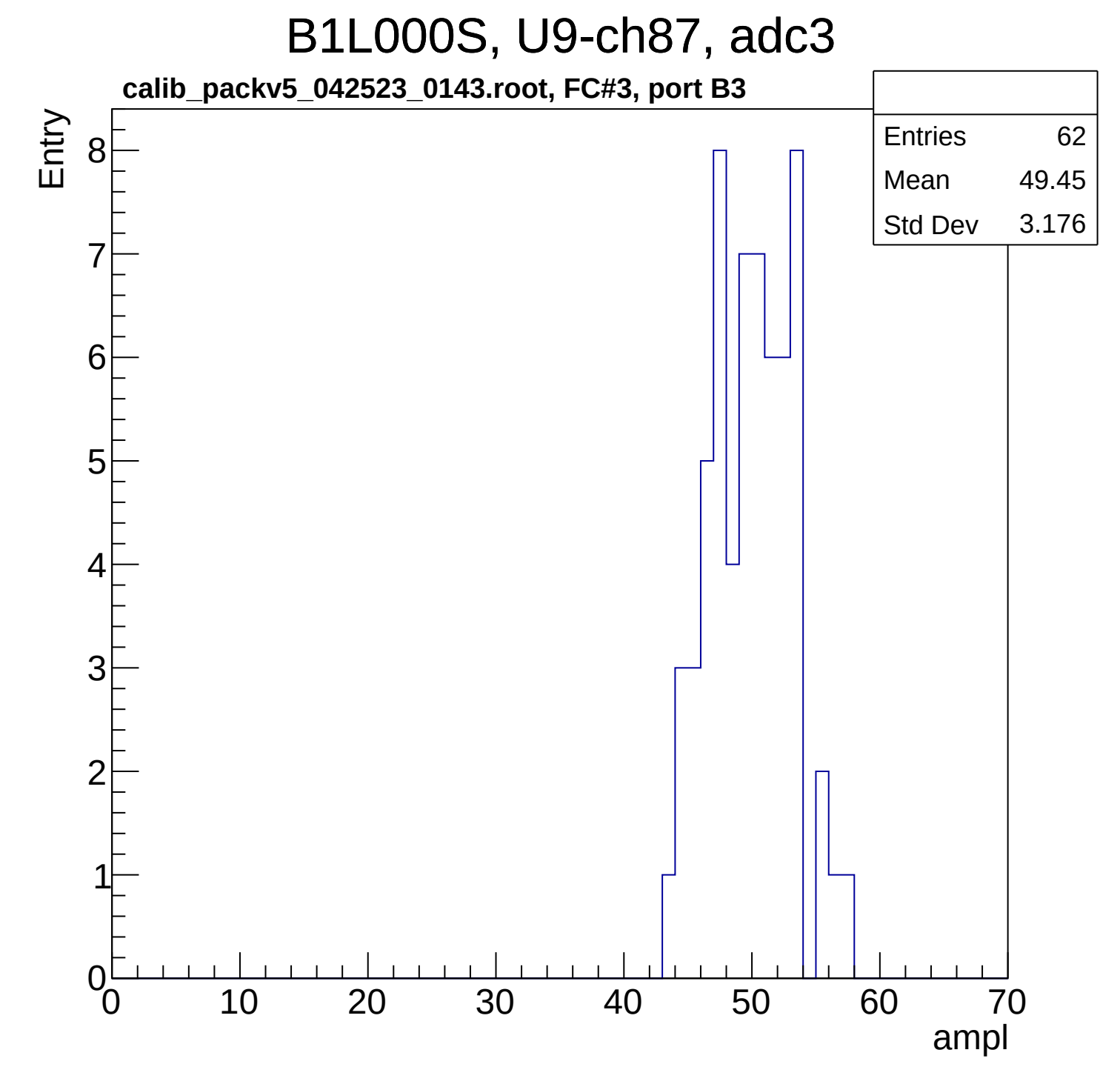

B1L000S, U9-ch86, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.38
Std Dev 13.12
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

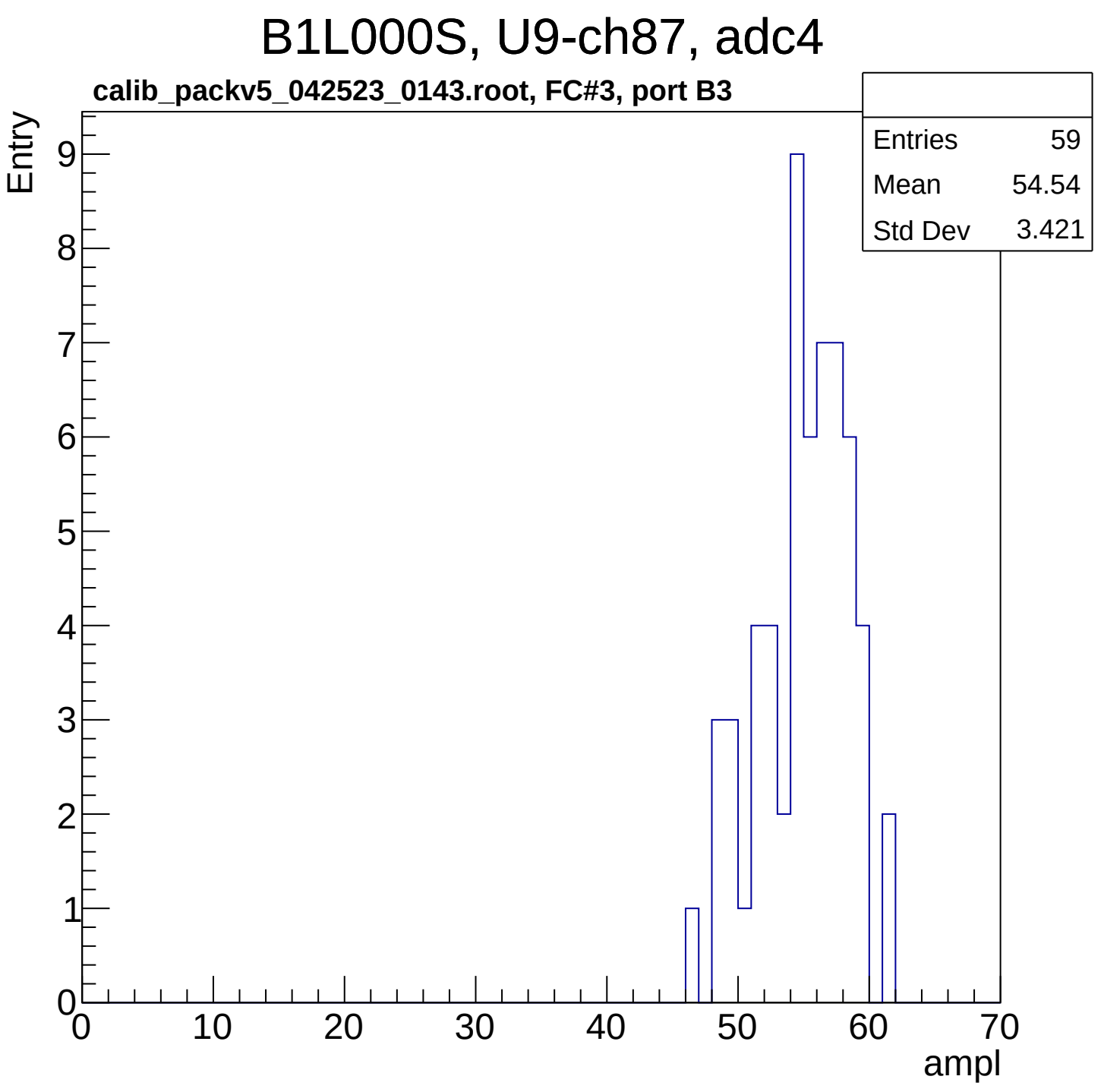

B1L000S, U9-ch86, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 49
Std Dev 19.8
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U9-ch87, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 30.21
Std Dev 3.329
Gaus mean : 30.4885
Gaus Width: 3.3741
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch87, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 37.55
Std Dev 3.201
Gaus mean : 38.3985
Gaus Width: 3.4851
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch87, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 44.02
Std Dev 3.18
Gaus mean : 44.1261
Gaus Width: 3.2855
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch87, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 49.45
Std Dev 3.176
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch87, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.54
Std Dev 3.421
Entry
ampl
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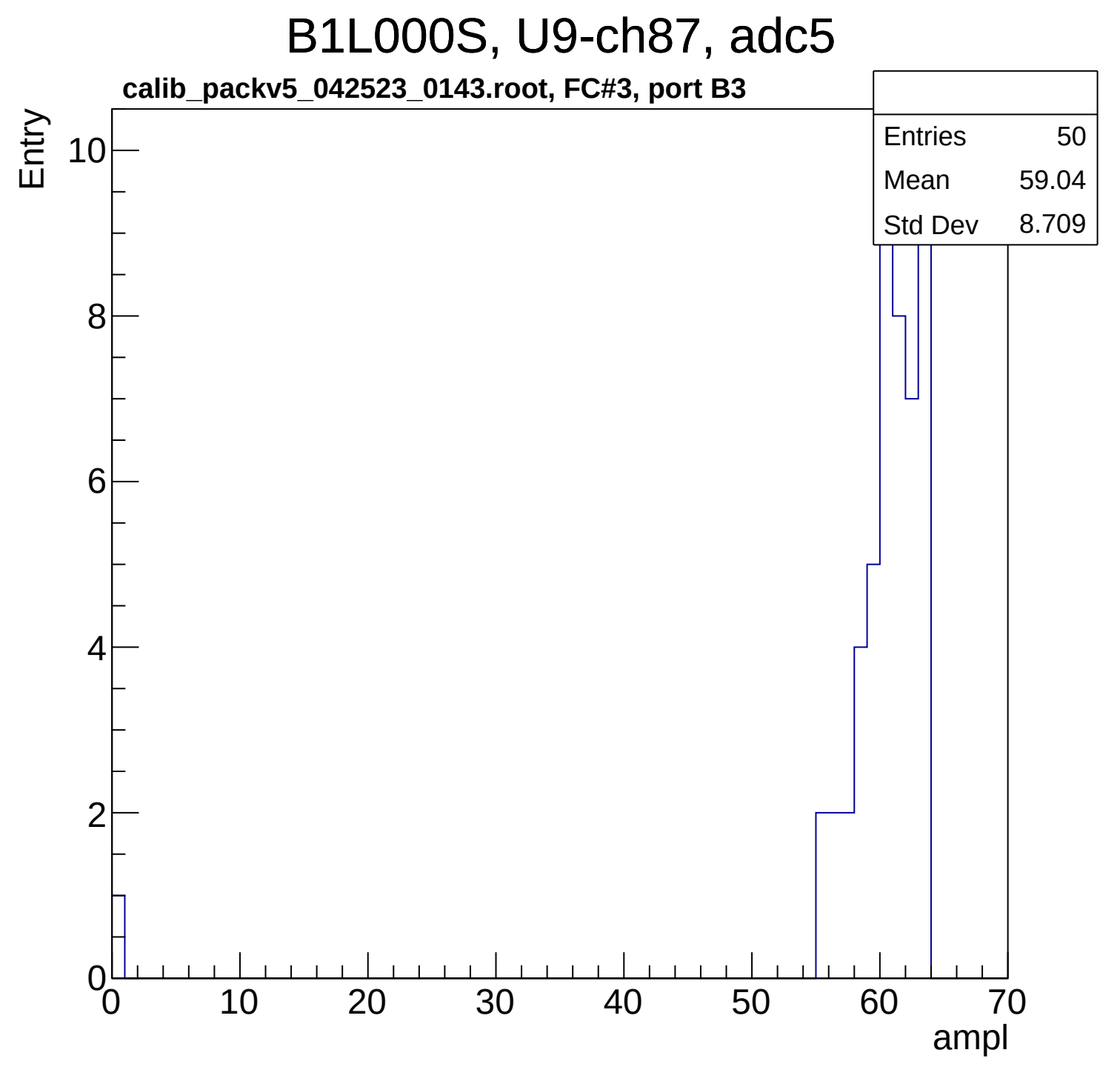
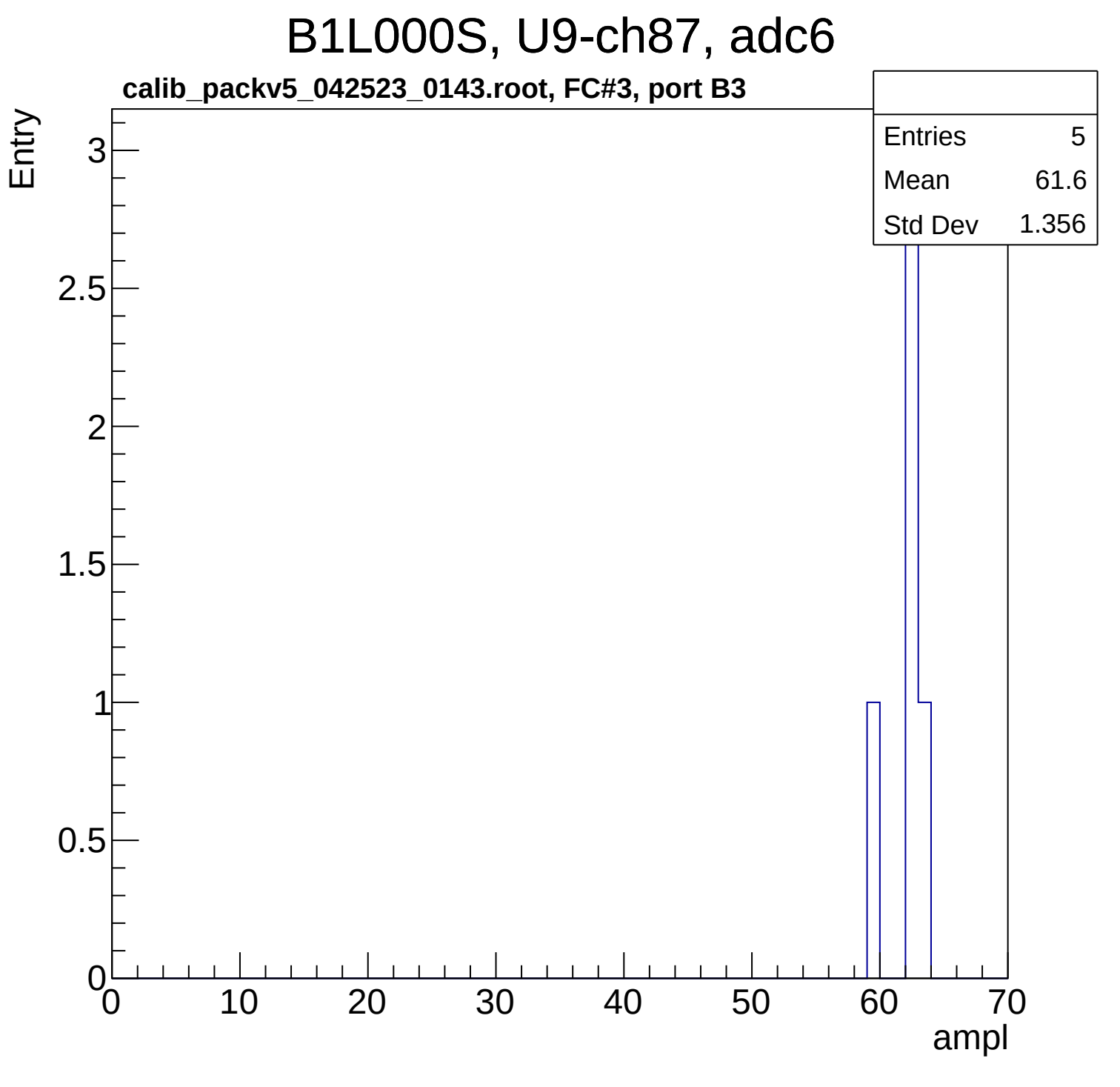
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch87, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.04
Std Dev 8.709
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch87, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 61.6
Std Dev 1.356
Entry
ampl
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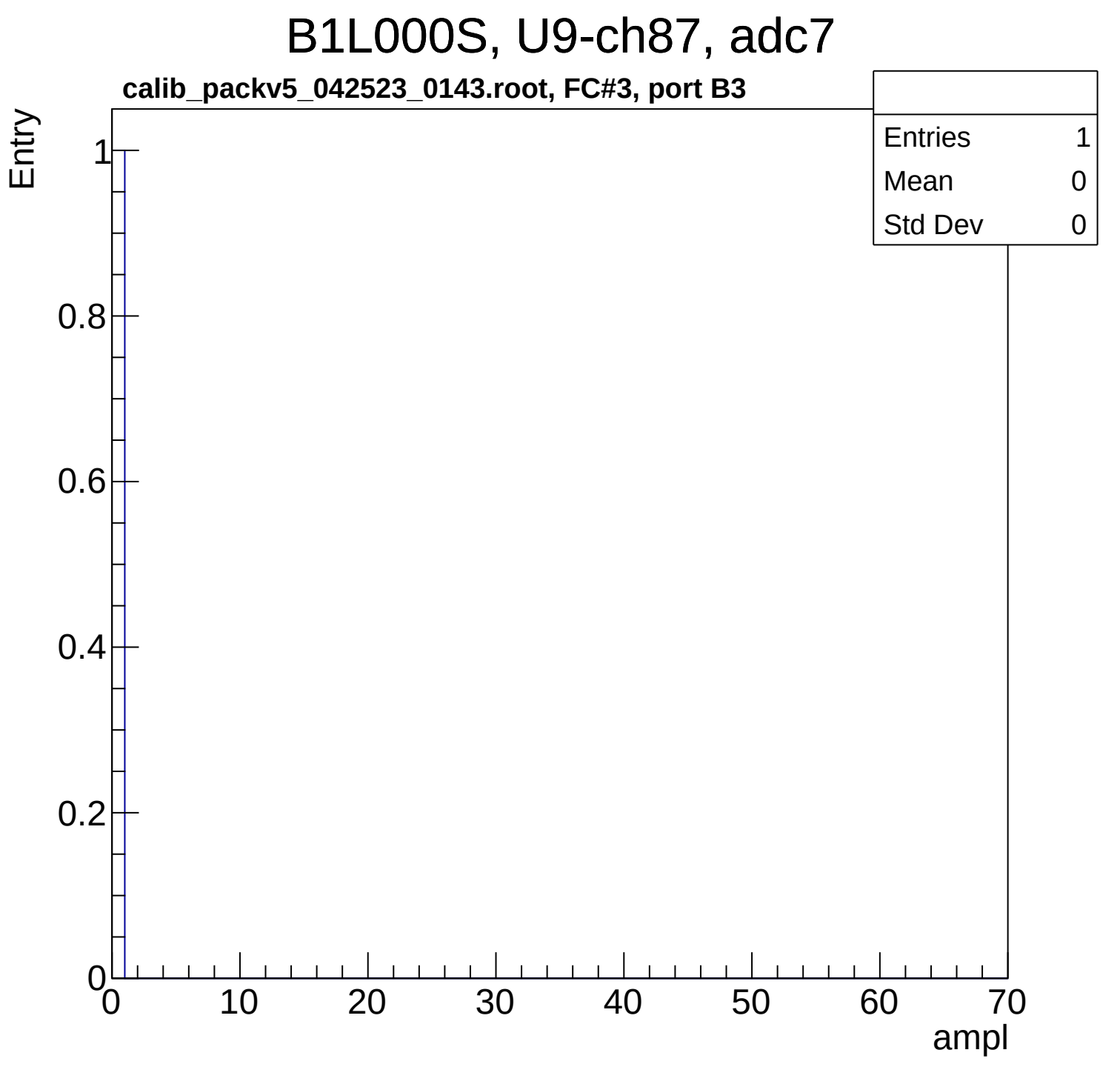
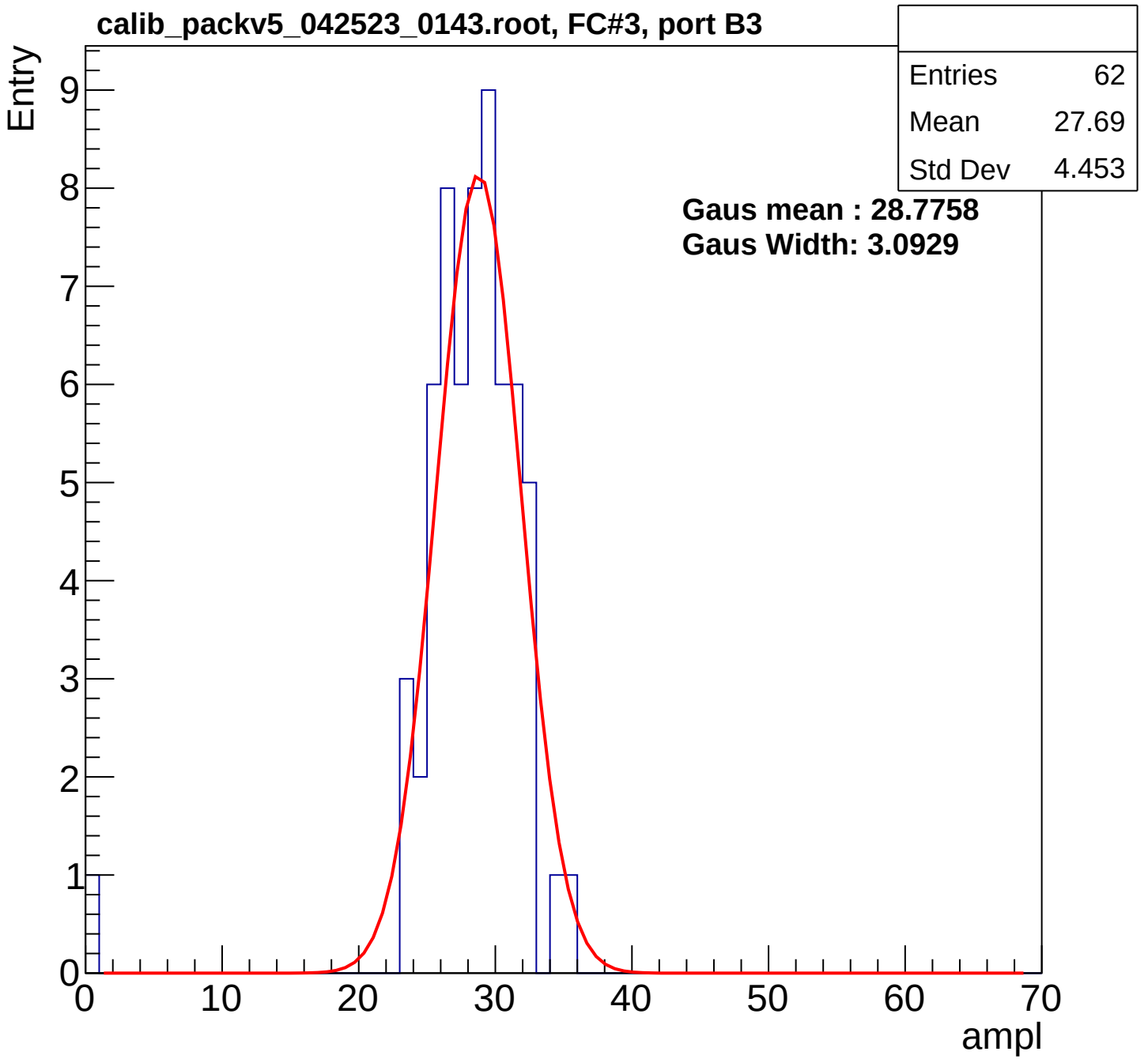
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch87, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch88, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 27.69
Std Dev 4.453
Gaus mean : 28.7758
Gaus Width: 3.0929
Entry
ampl
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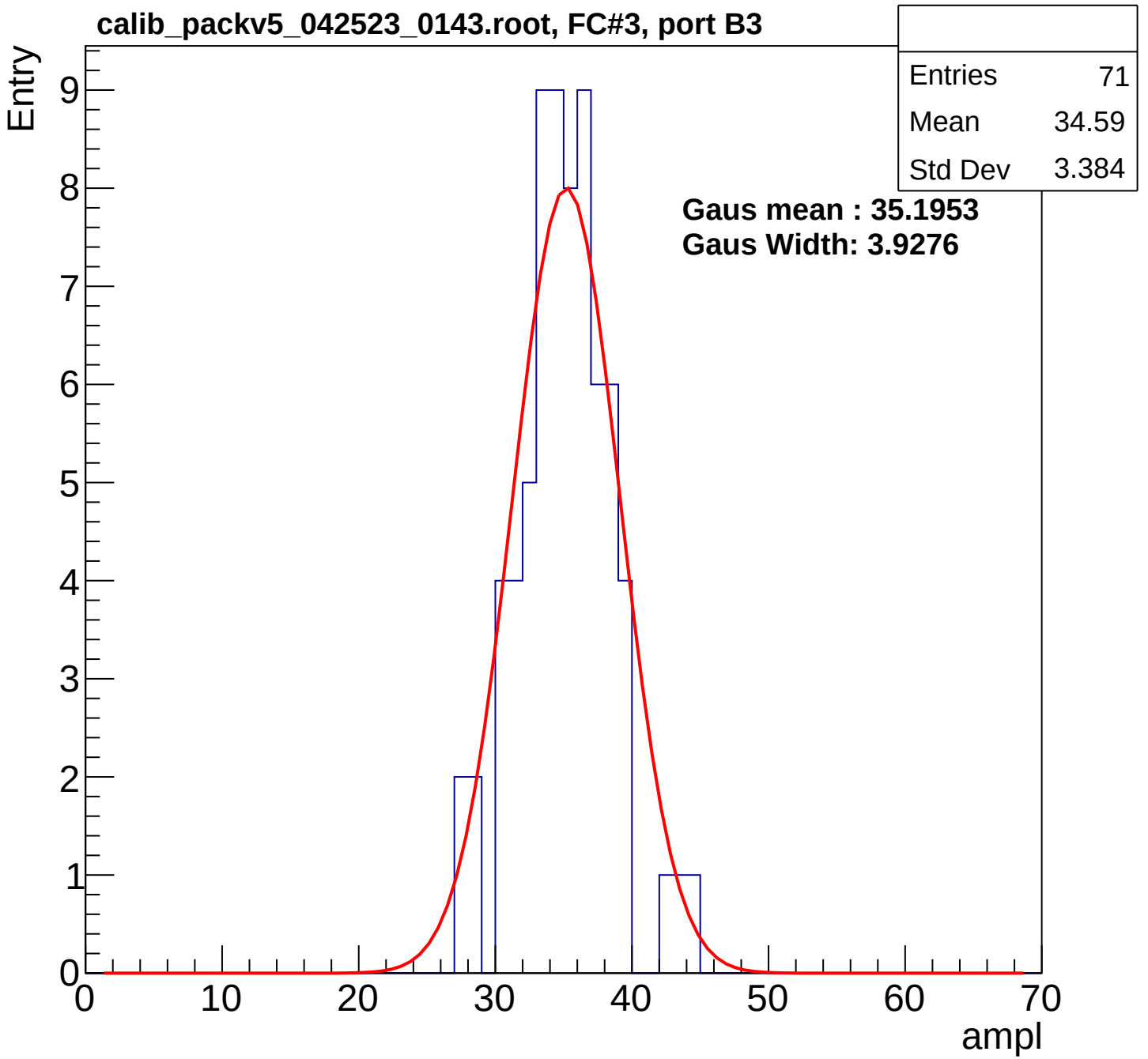
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch88, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 34.59
Std Dev 3.384
Gaus mean : 35.1953
Gaus Width: 3.9276
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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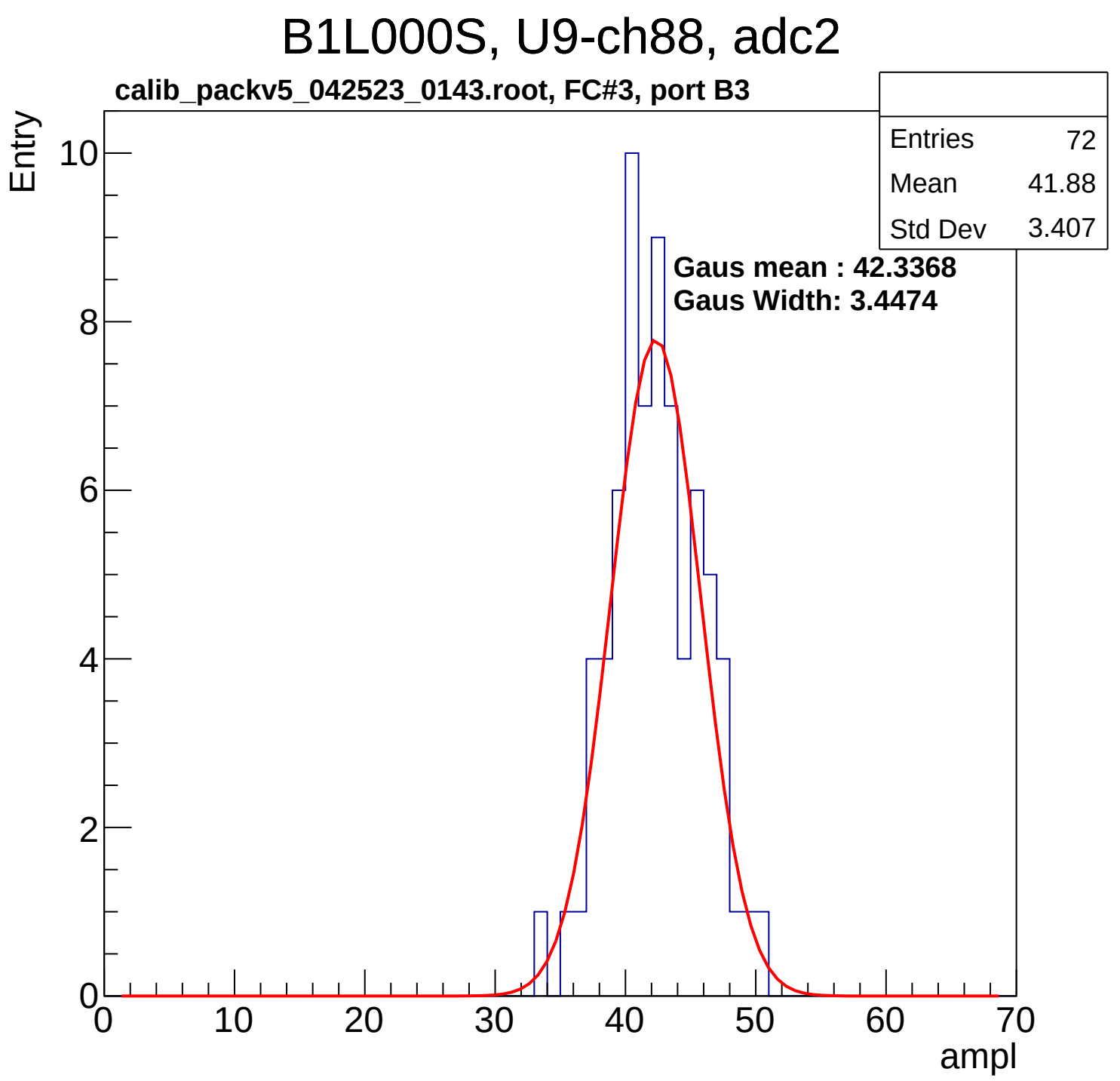
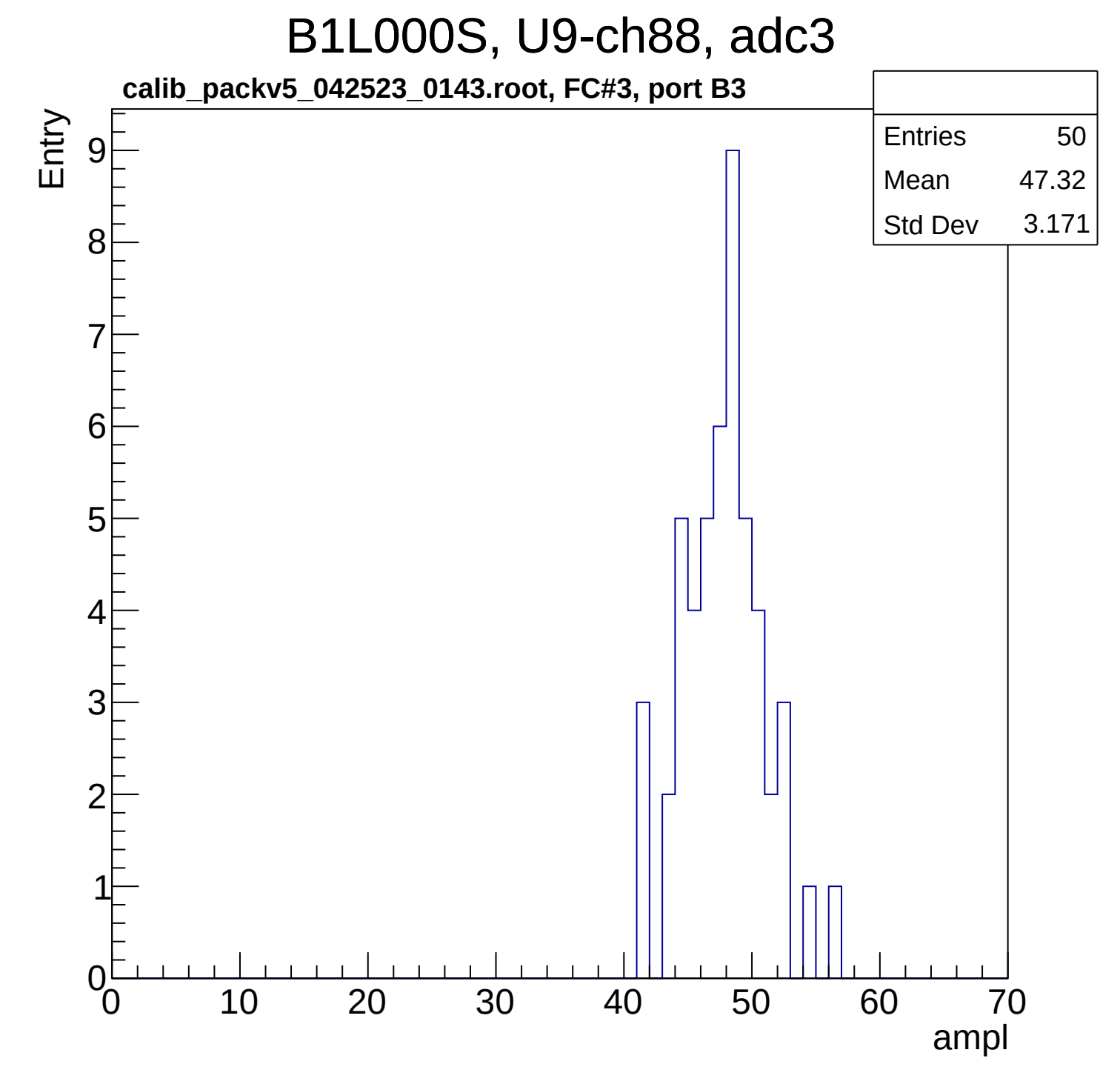

B1L000S, U9-ch88, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 41.88
Std Dev 3.407
Gaus mean : 42.3368
Gaus Width: 3.4474
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch88, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 47.32
Std Dev 3.171
Entry
ampl
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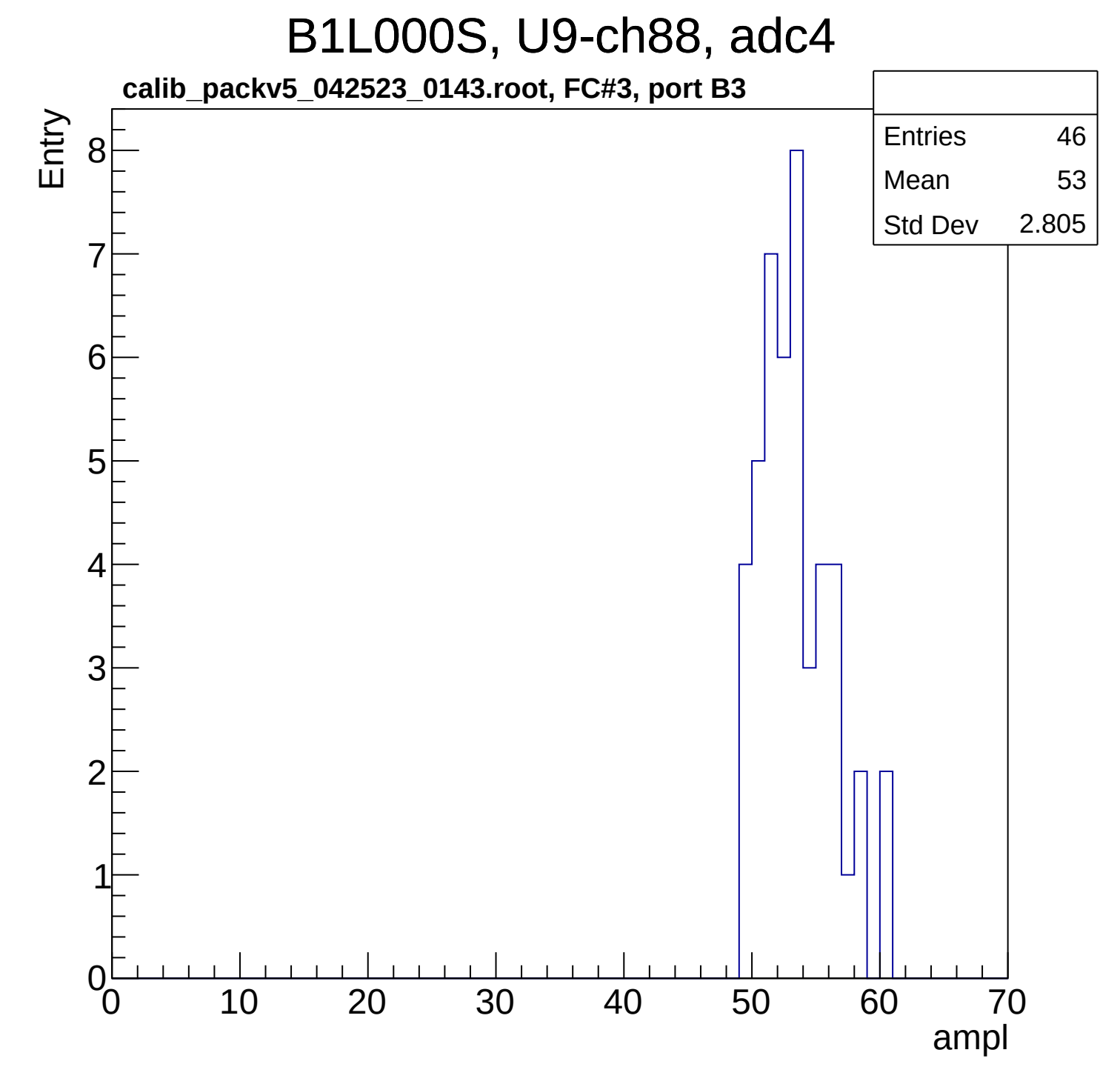
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch88, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 53
Std Dev 2.805
Entry
ampl
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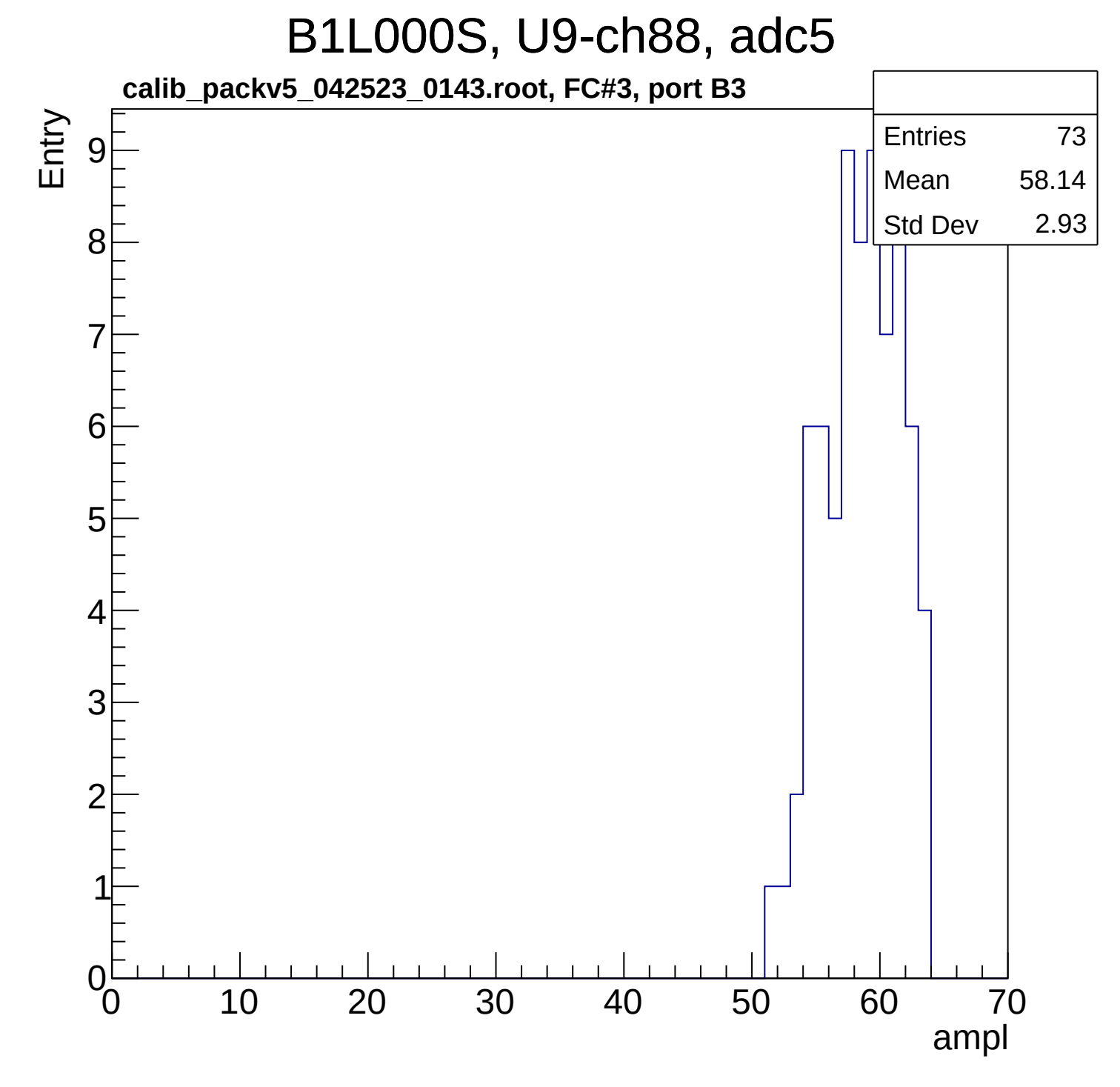
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch88, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 58.14
Std Dev 2.93
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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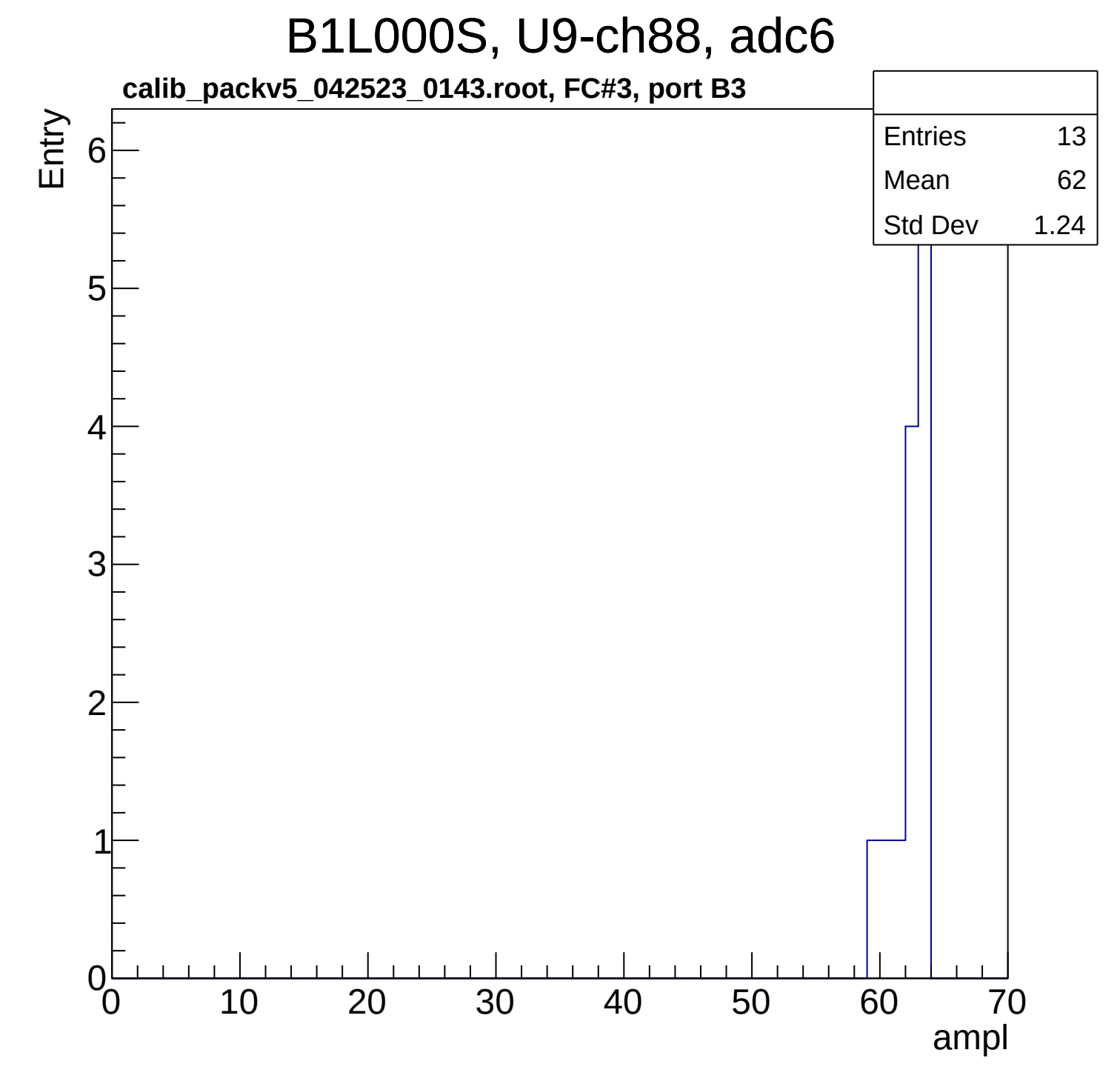
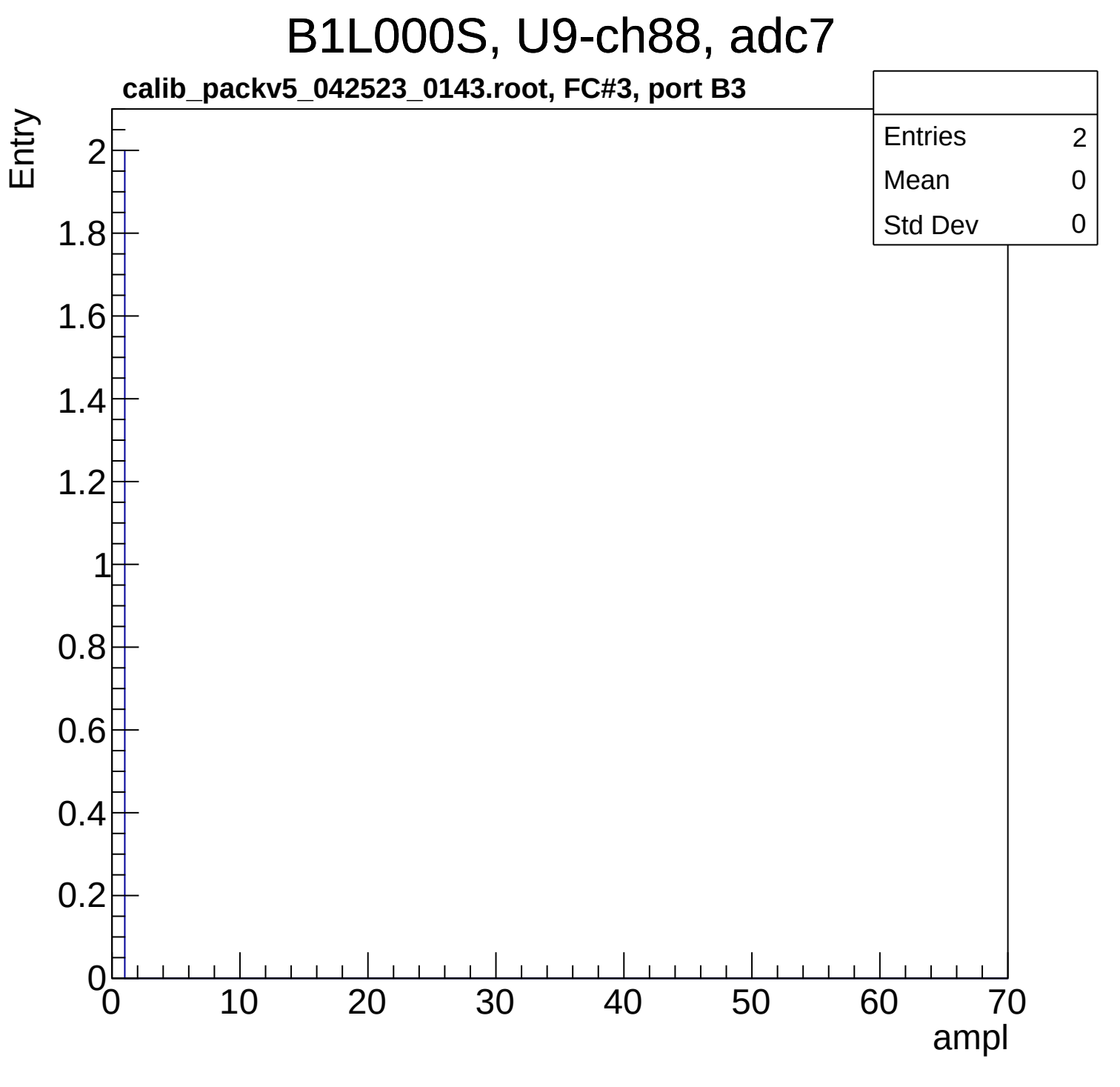
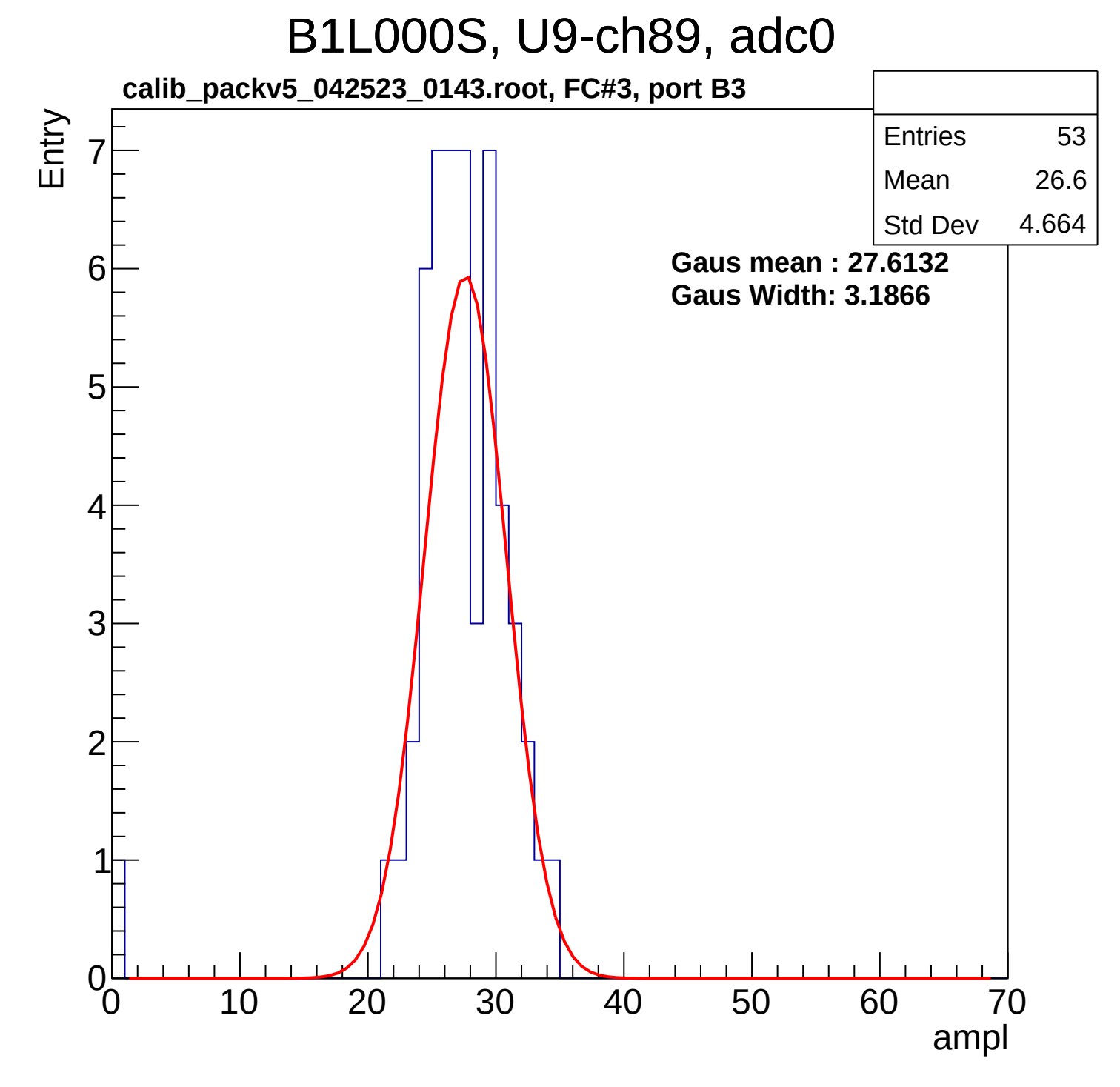

B1L000S, U9-ch88, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 62
Std Dev 1.24
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch88, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch89, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 26.6
Std Dev 4.664
Gaus mean : 27.6132
Gaus Width: 3.1866
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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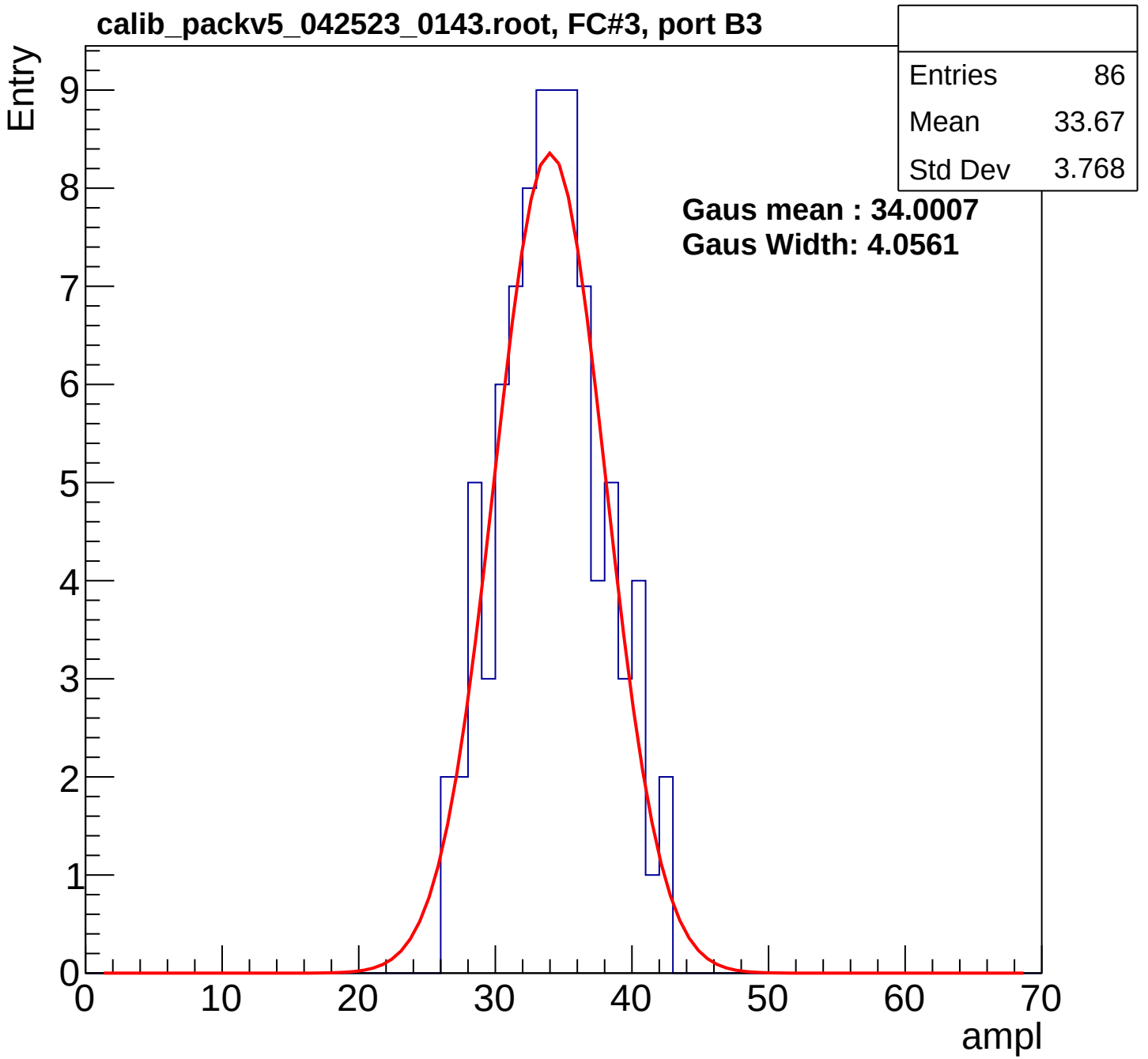
B1L000S, U9-ch89, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 86
Mean 33.67
Std Dev 3.768
Gaus mean : 34.0007
Gaus Width: 4.0561
Entry
ampl
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2
3
4
5
6
7
8
9
0
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30
40
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60
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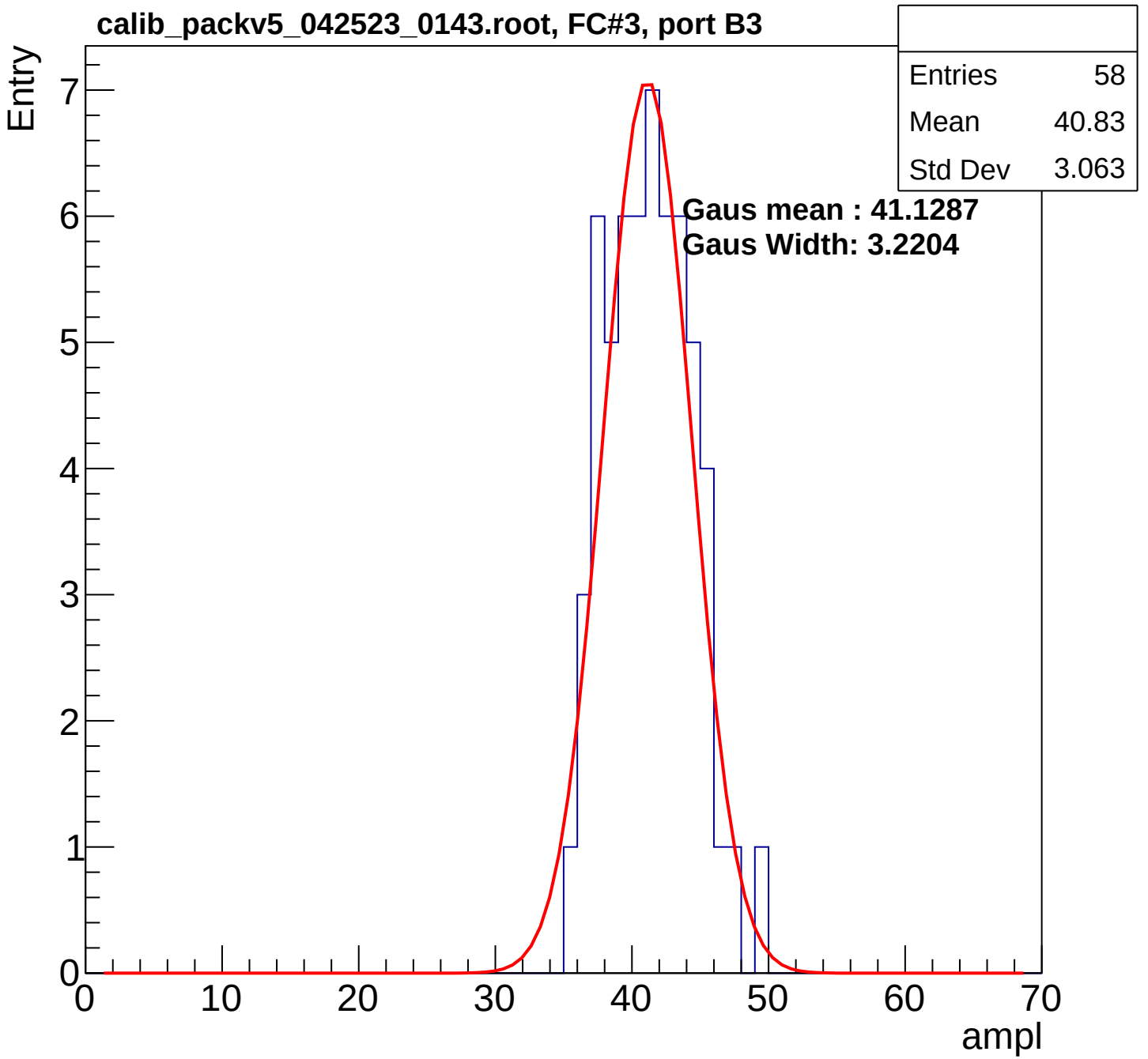
B1L000S, U9-ch89, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 40.83
Std Dev 3.063
Gaus mean : 41.1287
Gaus Width: 3.2204
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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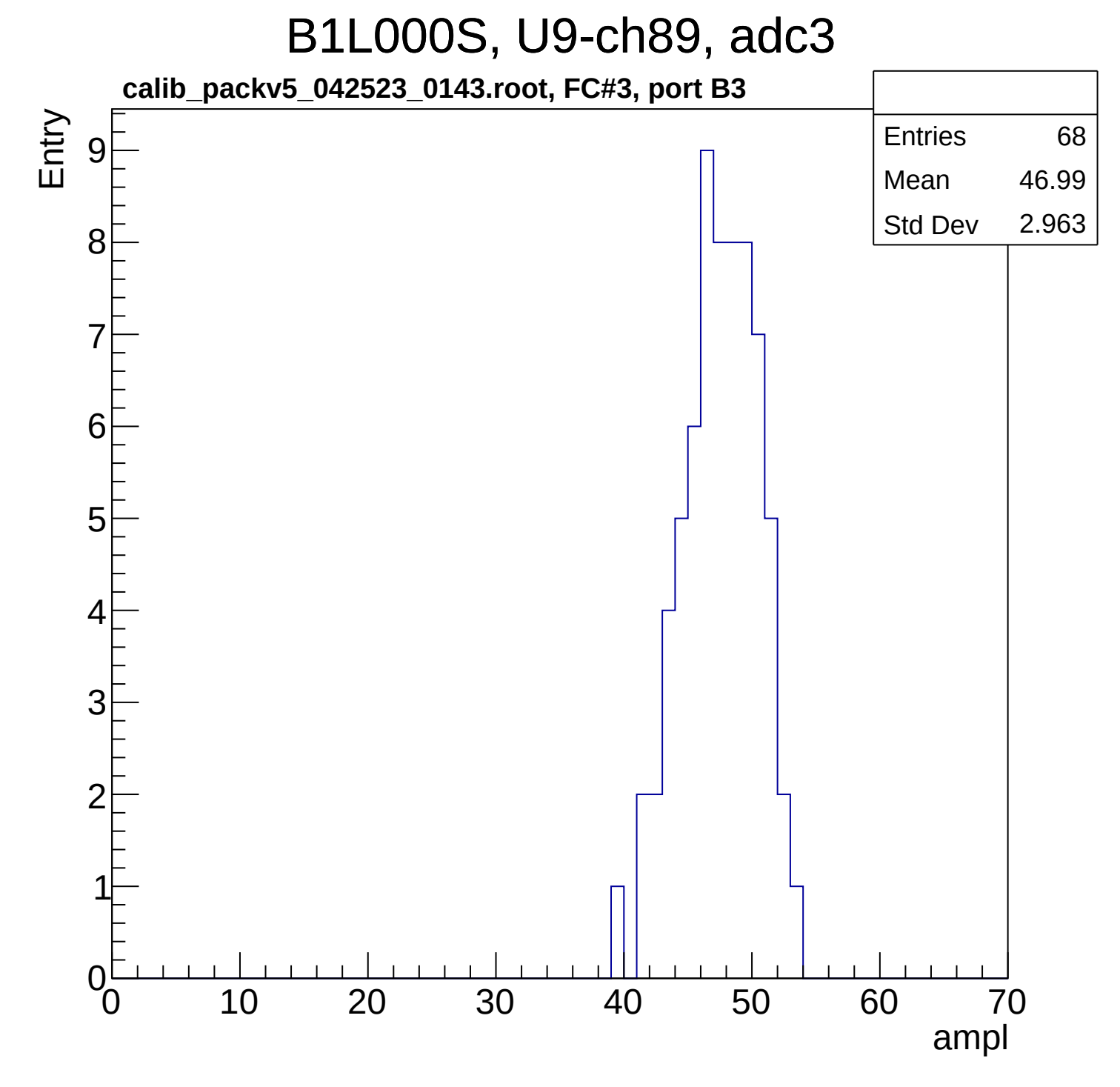
B1L000S, U9-ch89, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 46.99
Std Dev 2.963
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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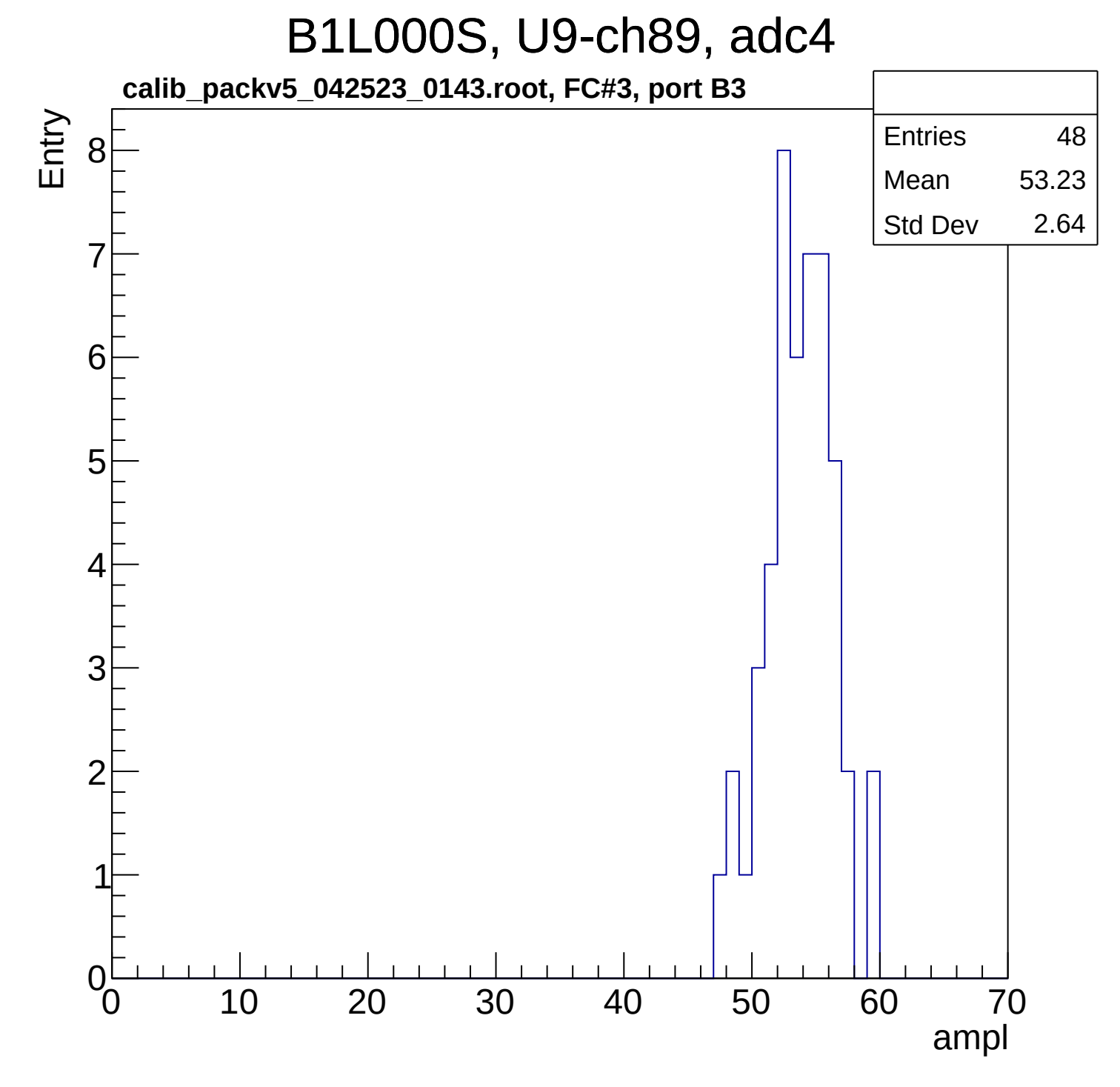
B1L000S, U9-ch89, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 53.23
Std Dev 2.64
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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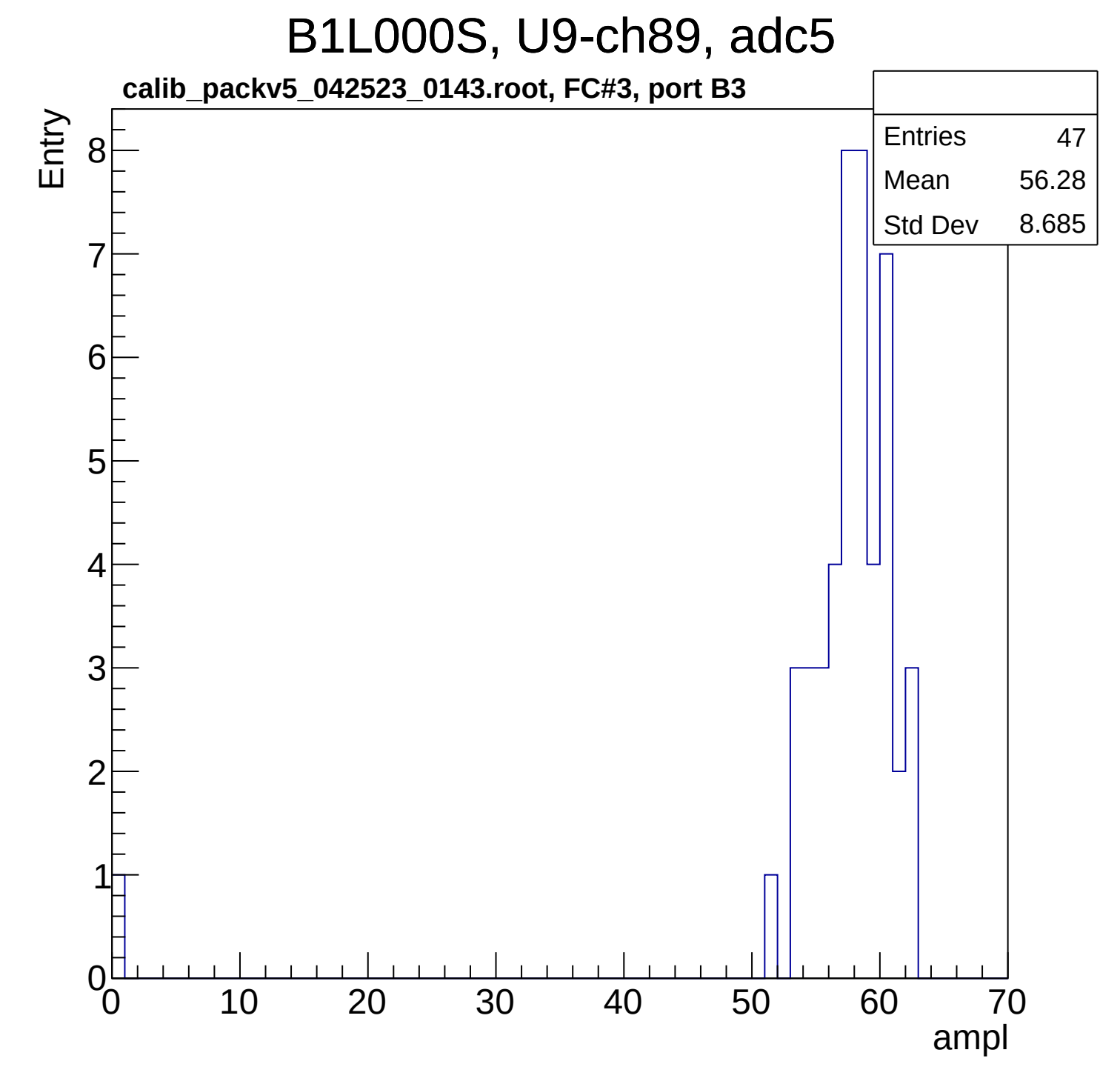
B1L000S, U9-ch89, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 56.28
Std Dev 8.685
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
50
60
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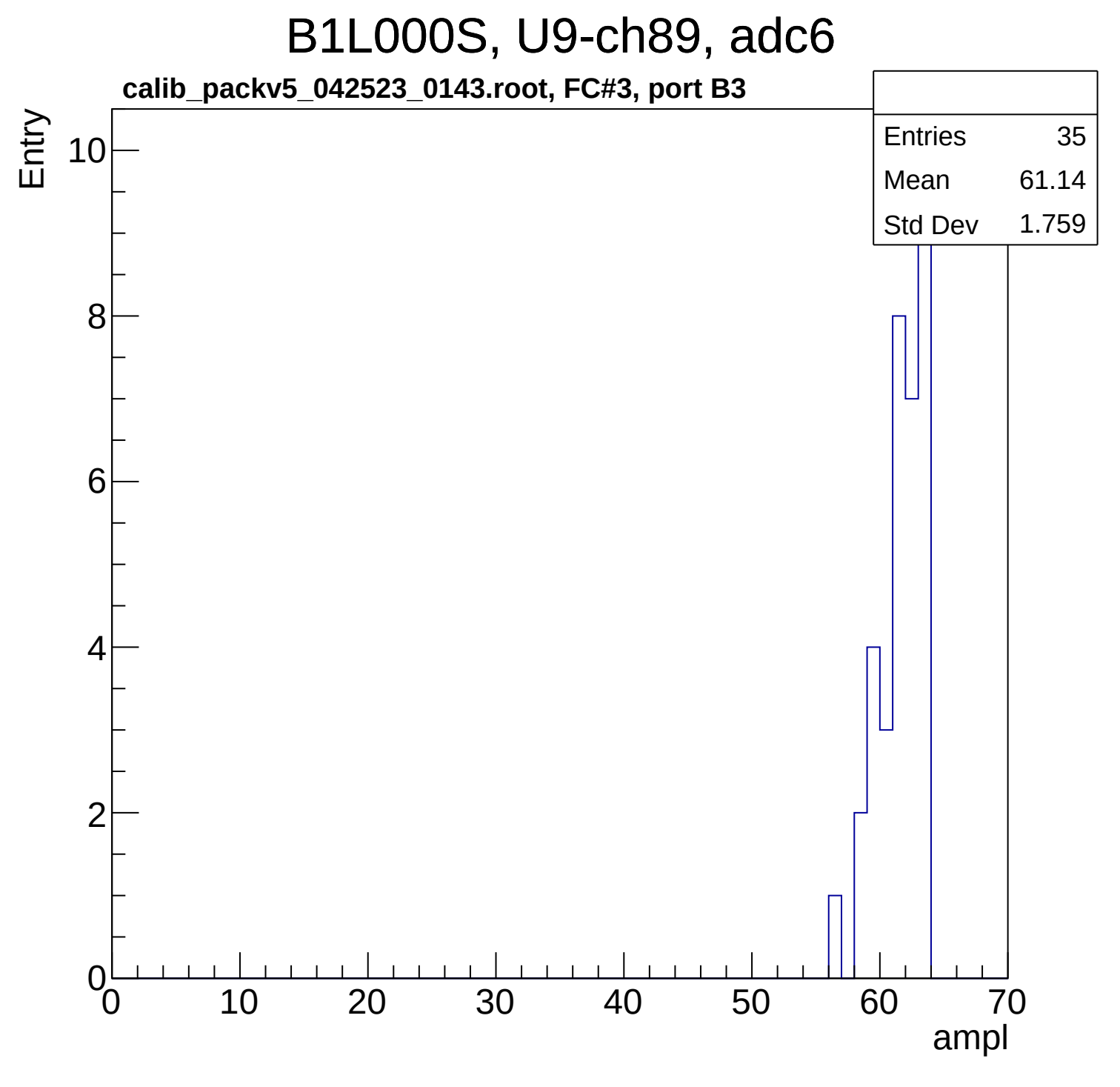
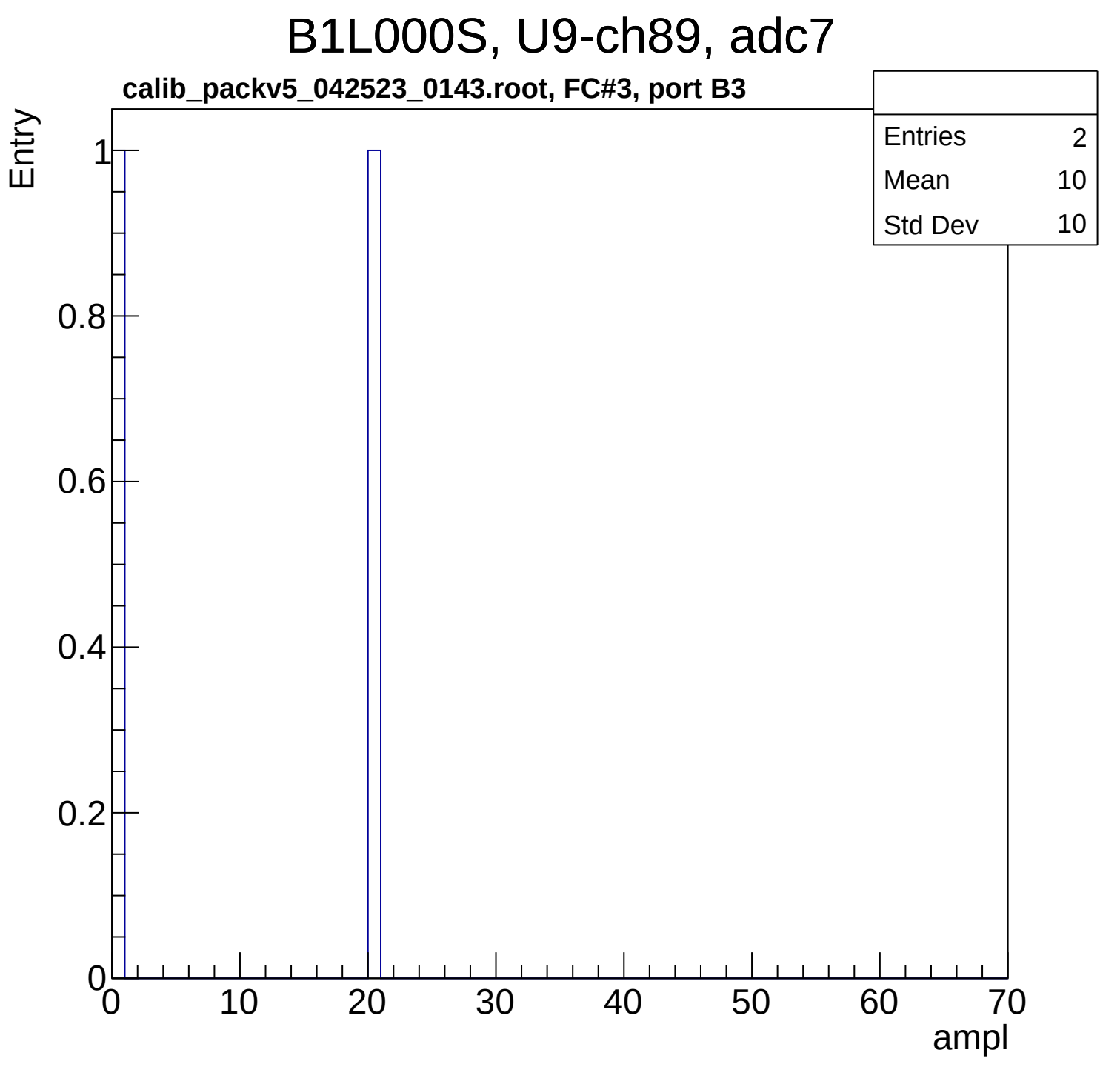

B1L000S, U9-ch89, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 35
Mean 61.14
Std Dev 1.759
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch89, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10
Std Dev 10
Entry
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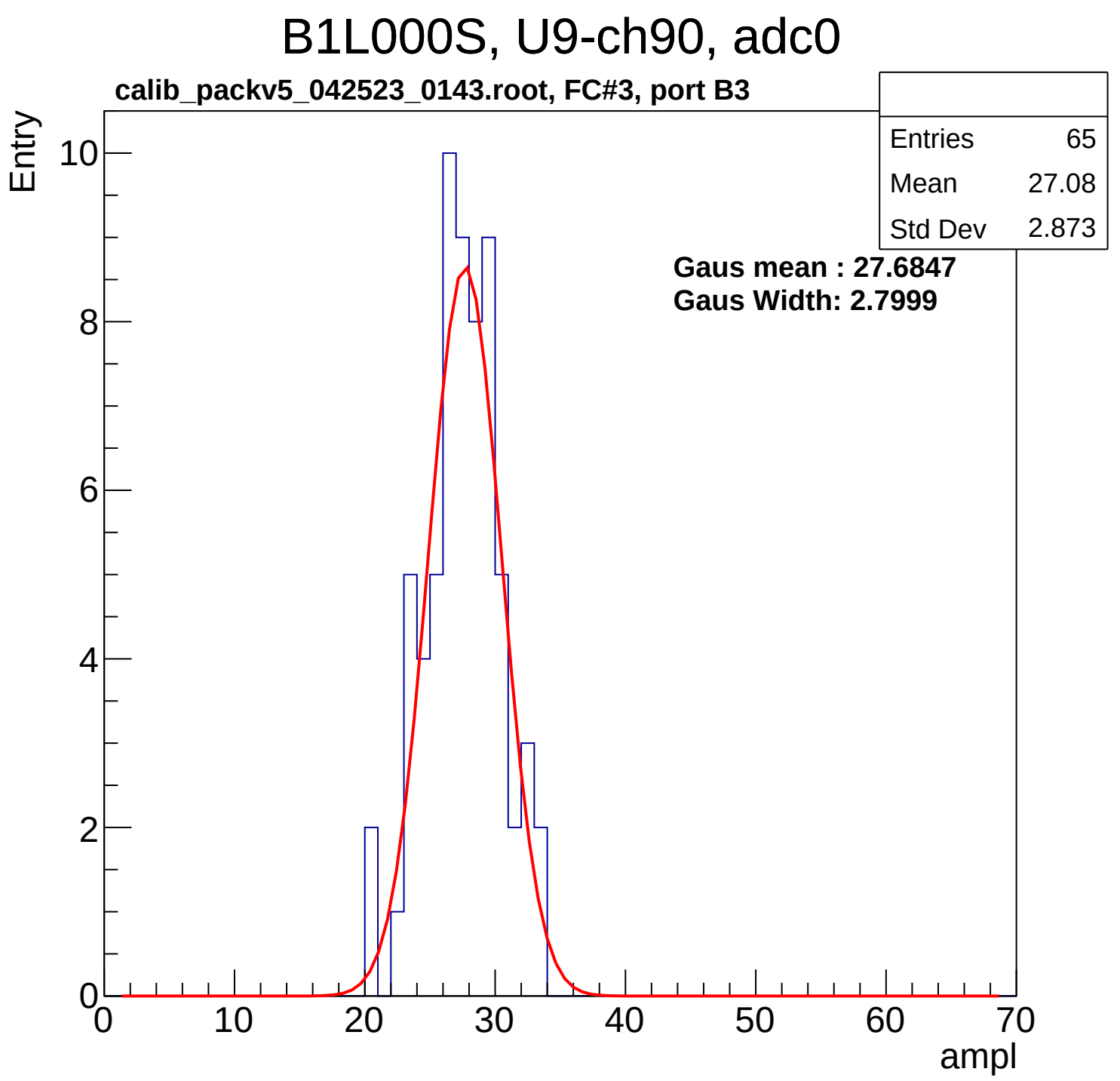
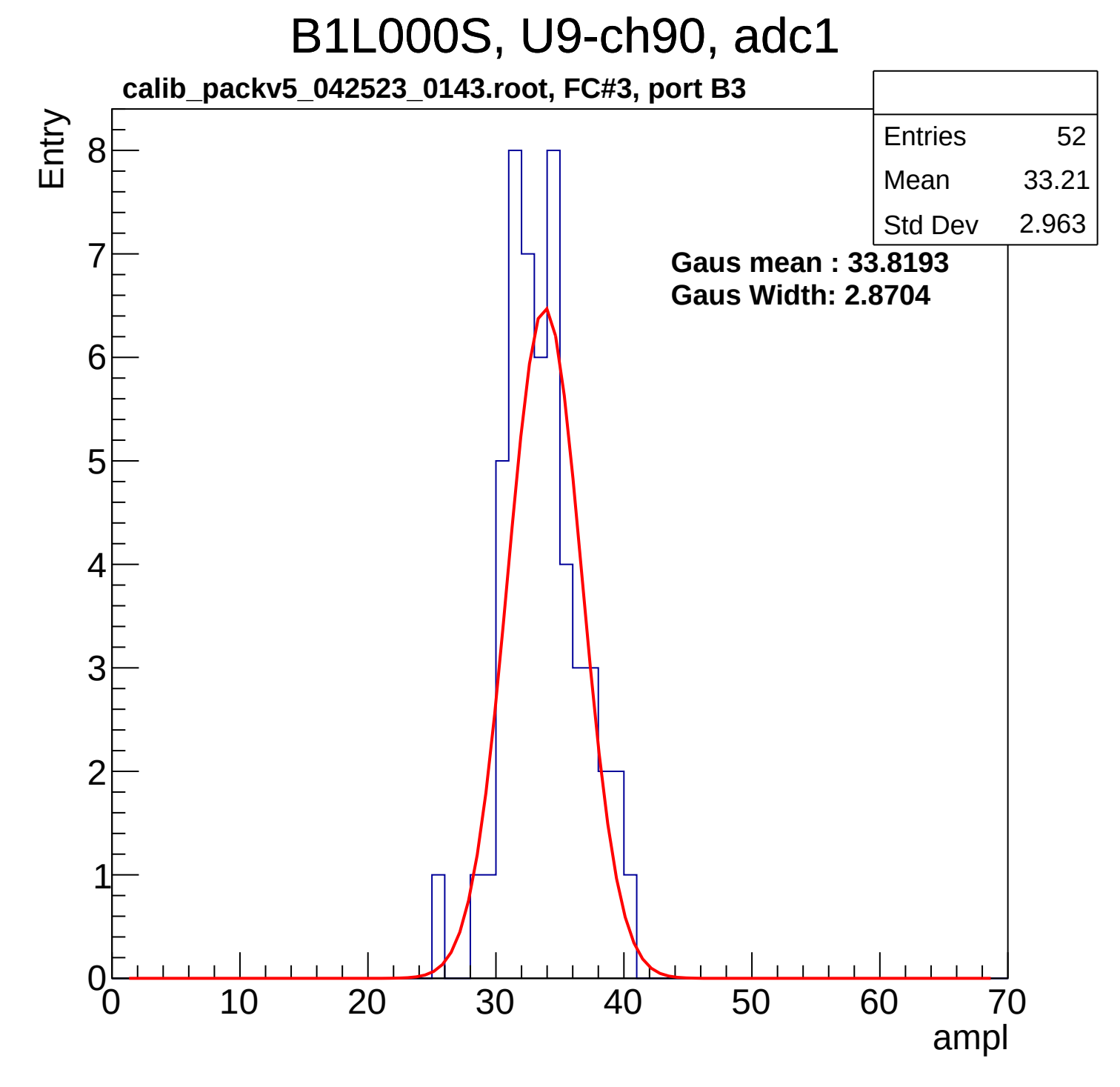
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch90, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 27.08
Std Dev 2.873
Gaus mean : 27.6847
Gaus Width: 2.7999
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch90, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 33.21
Std Dev 2.963
Gaus mean : 33.8193
Gaus Width: 2.8704
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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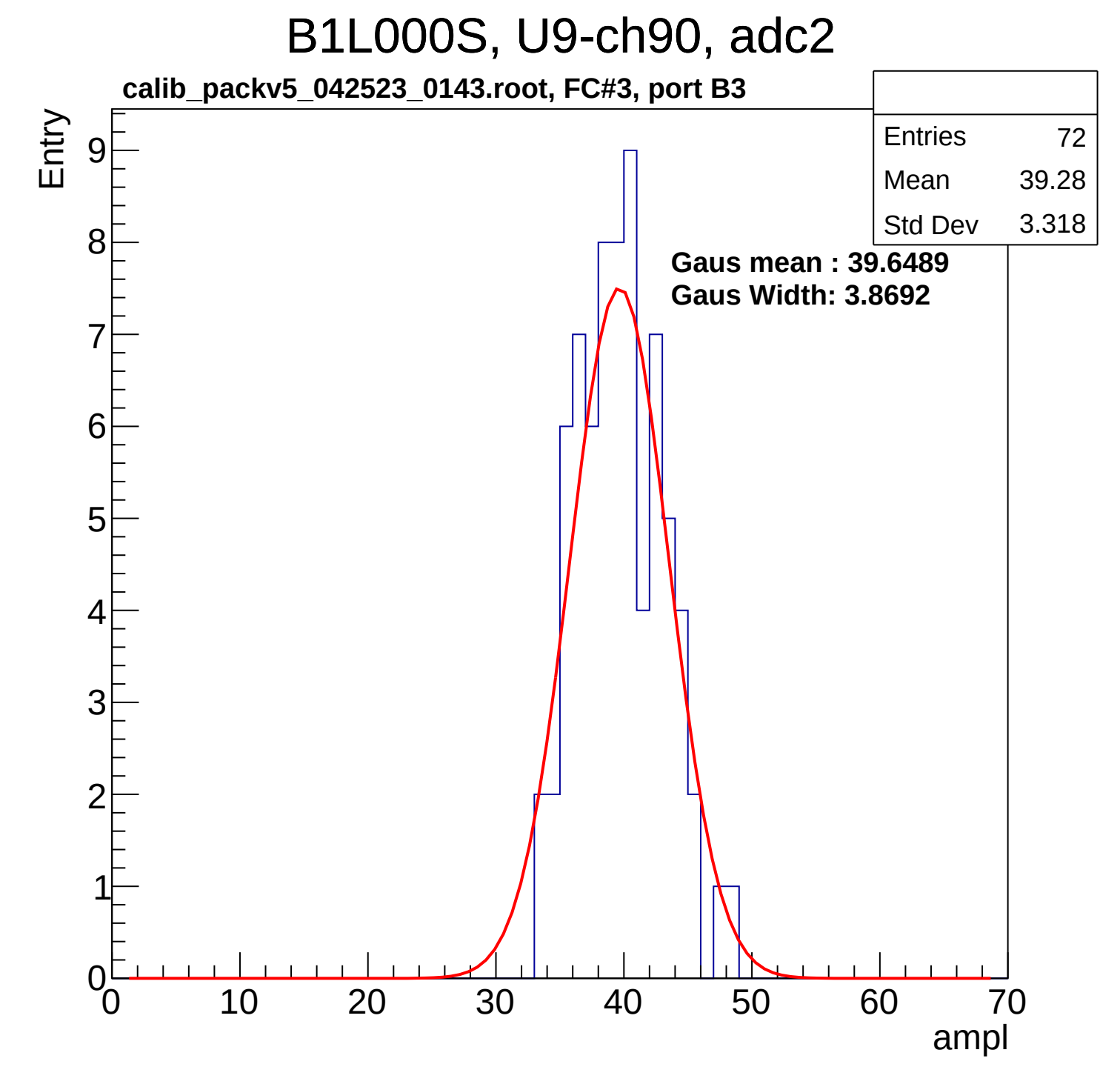
B1L000S, U9-ch90, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 39.28
Std Dev 3.318
Gaus mean : 39.6489
Gaus Width: 3.8692
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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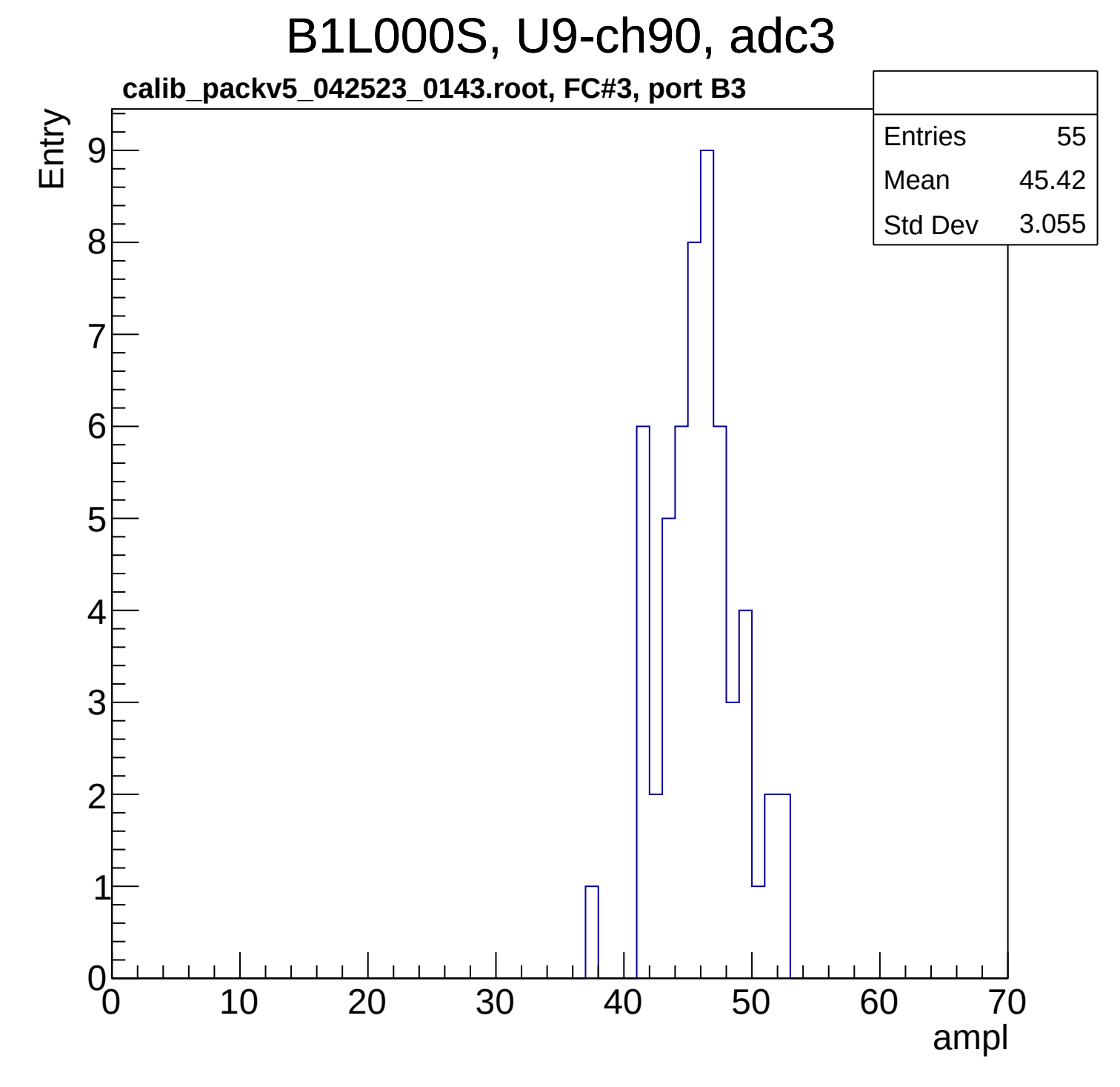
B1L000S, U9-ch90, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 45.42
Std Dev 3.055
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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60
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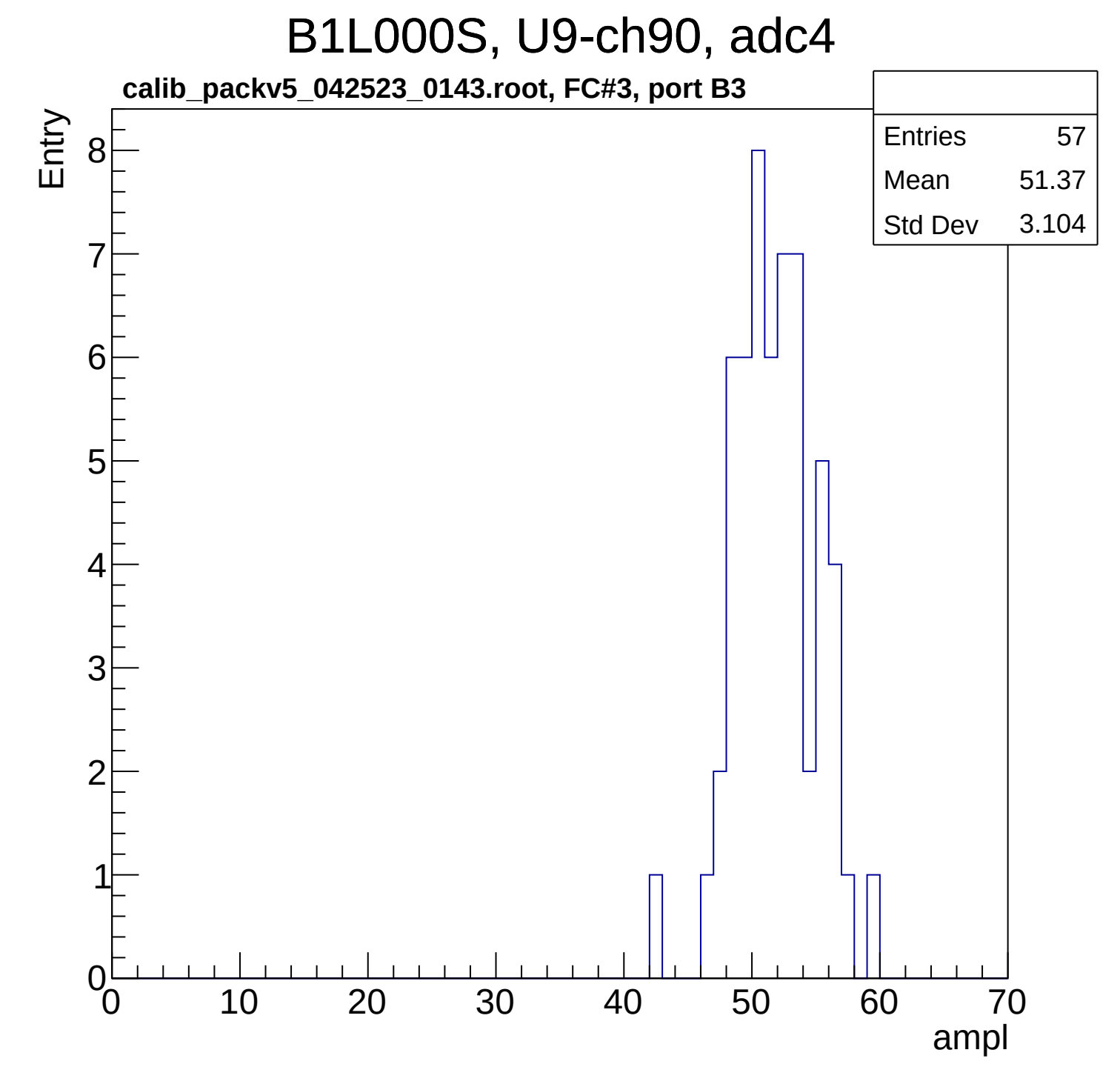
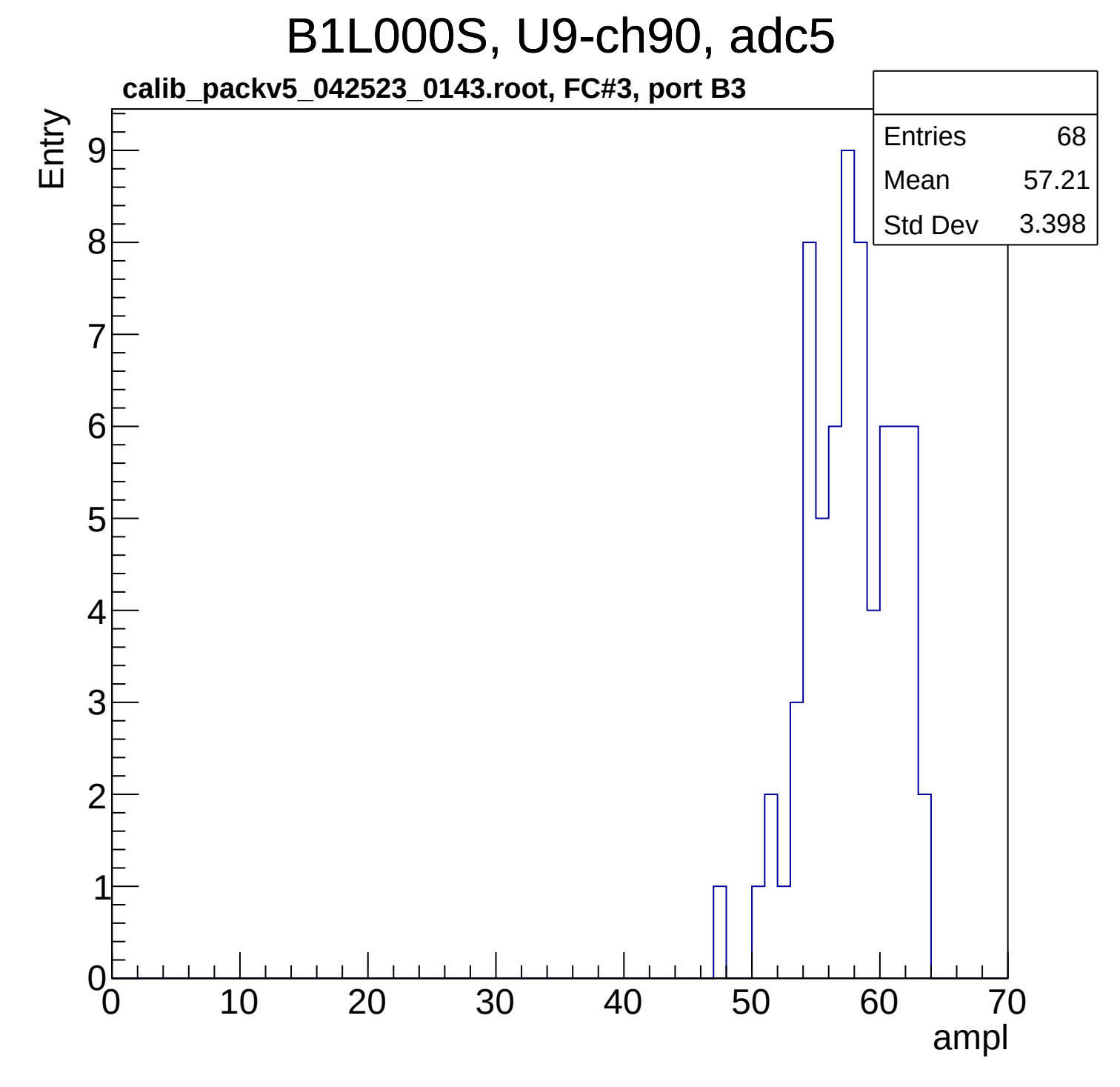
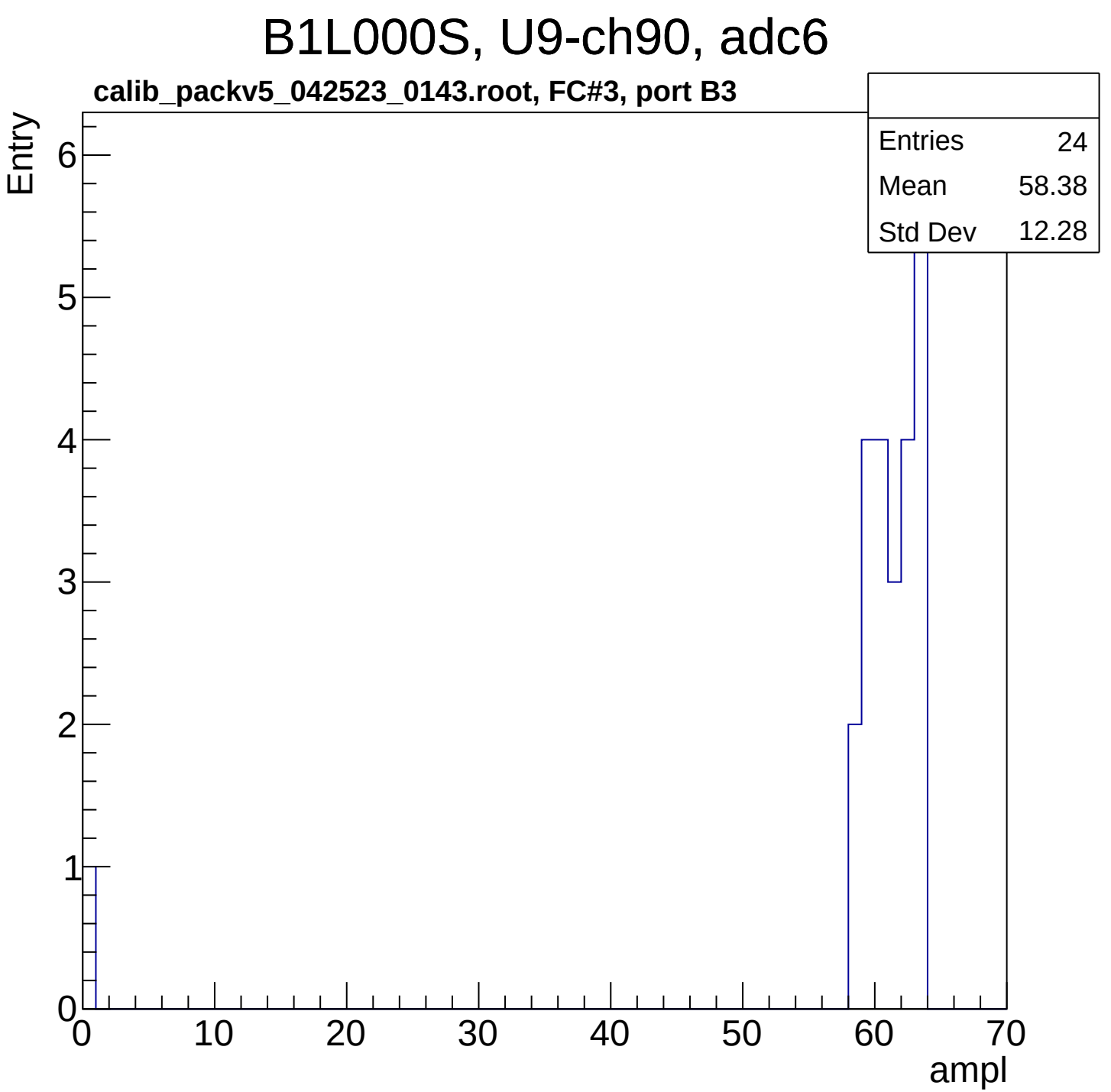
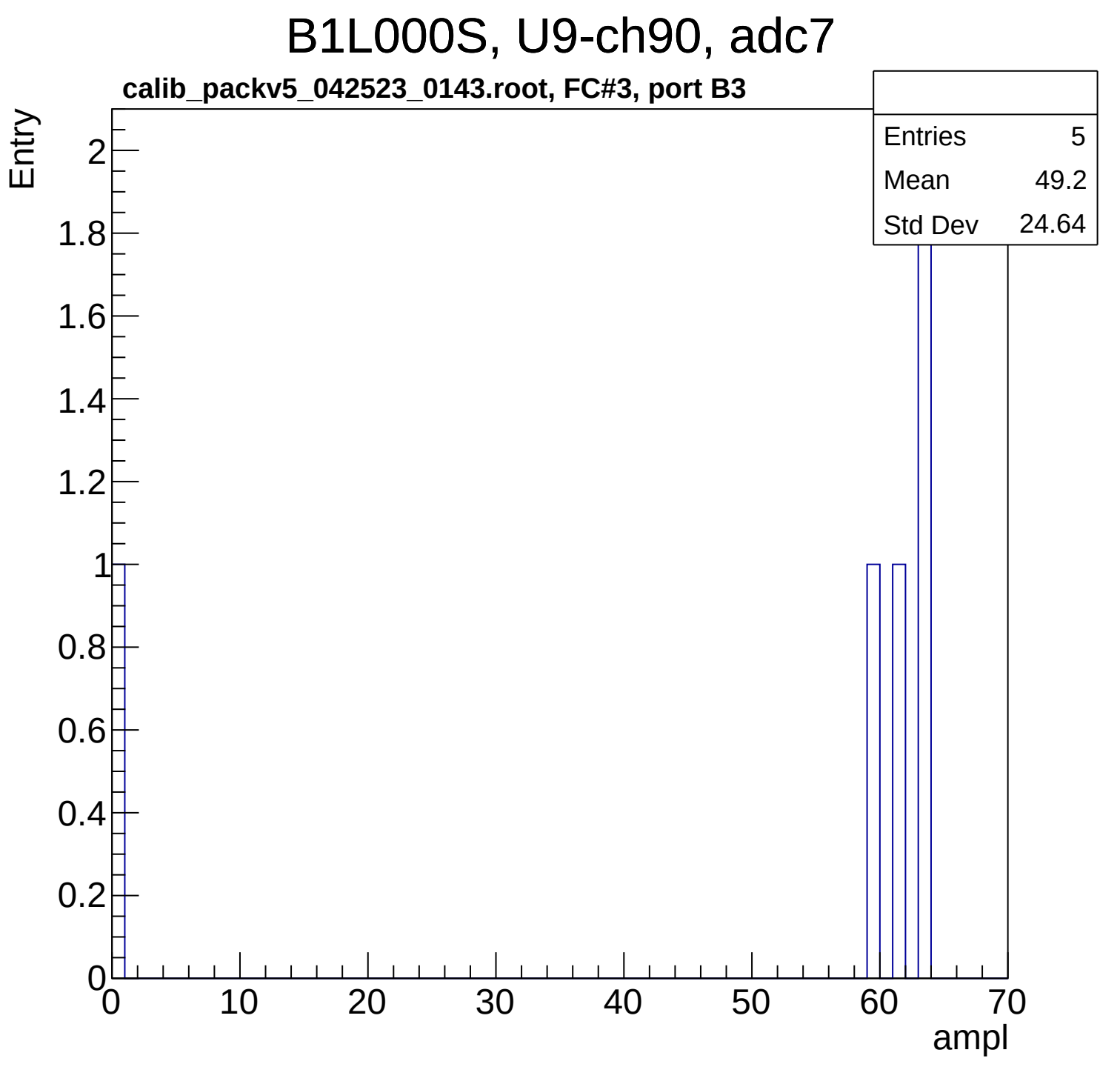
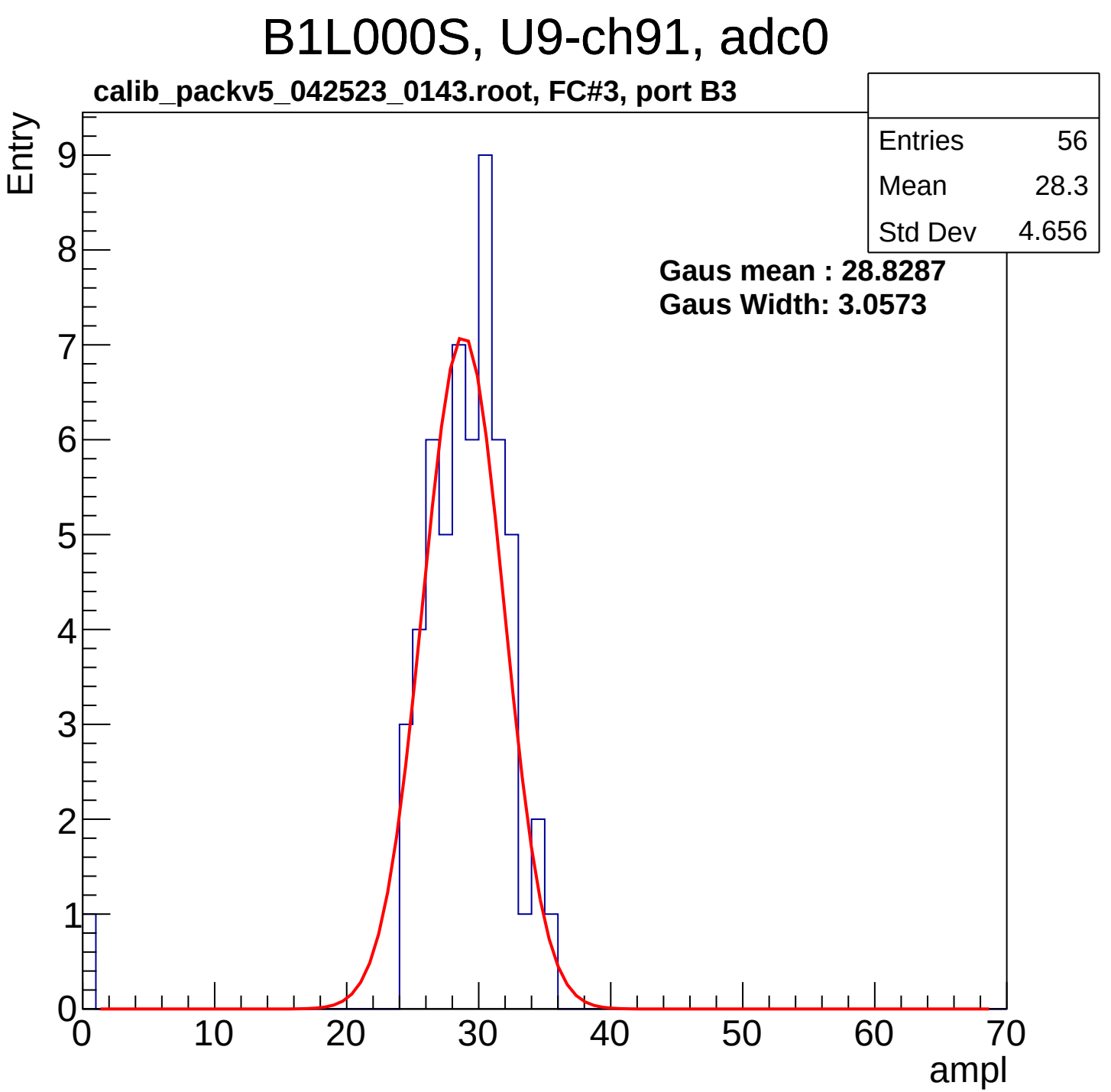

B1L000S, U9-ch90, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 51.37
Std Dev 3.104
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch90, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 57.21
Std Dev 3.398
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch90, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.38
Std Dev 12.28
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch90, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 49.2
Std Dev 24.64
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


B1L000S, U9-ch91, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 28.3
Std Dev 4.656
Gaus mean : 28.8287
Gaus Width: 3.0573
Entry
ampl
0
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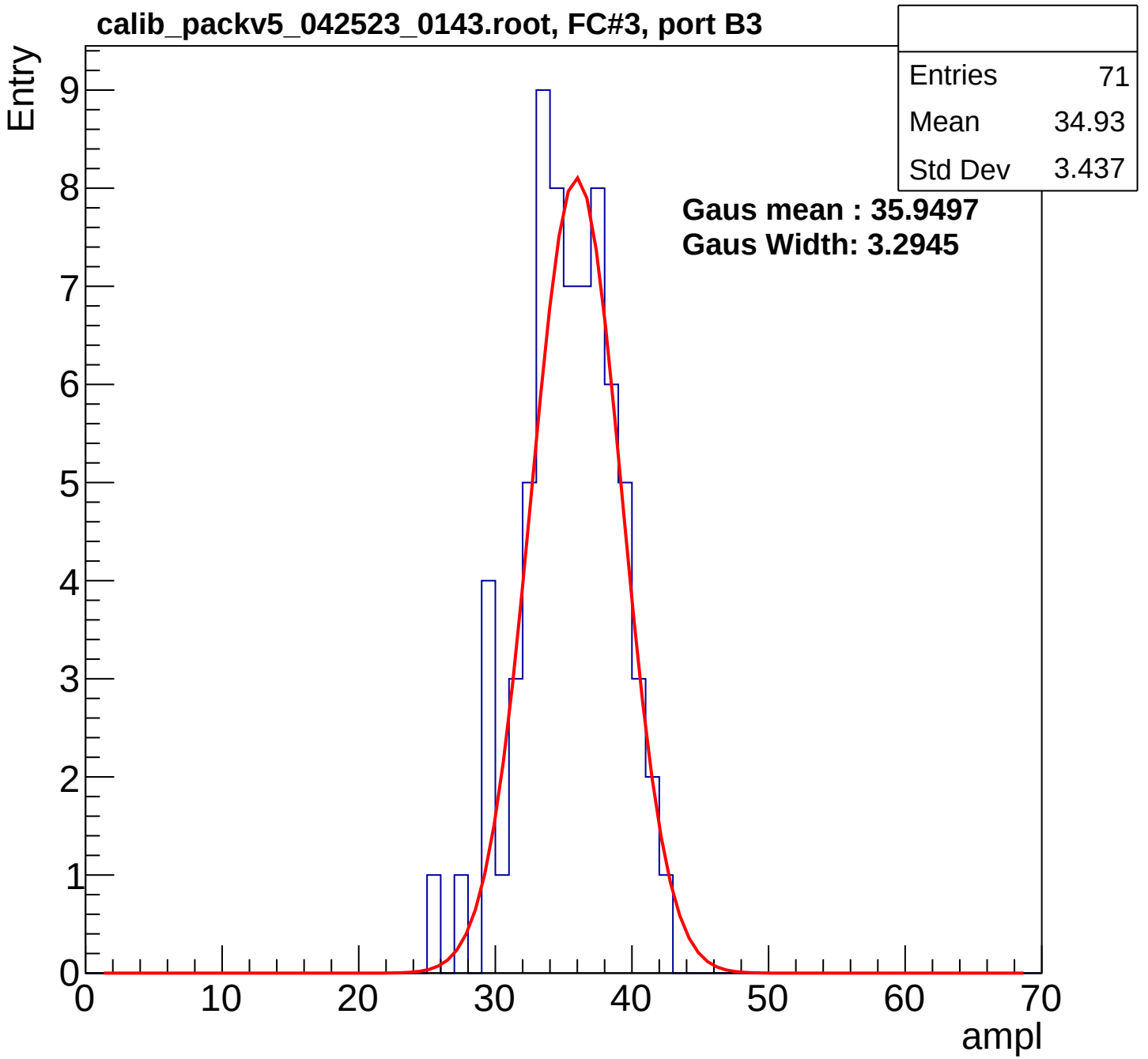
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch91, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 34.93
Std Dev 3.437
Gaus mean : 35.9497
Gaus Width: 3.2945
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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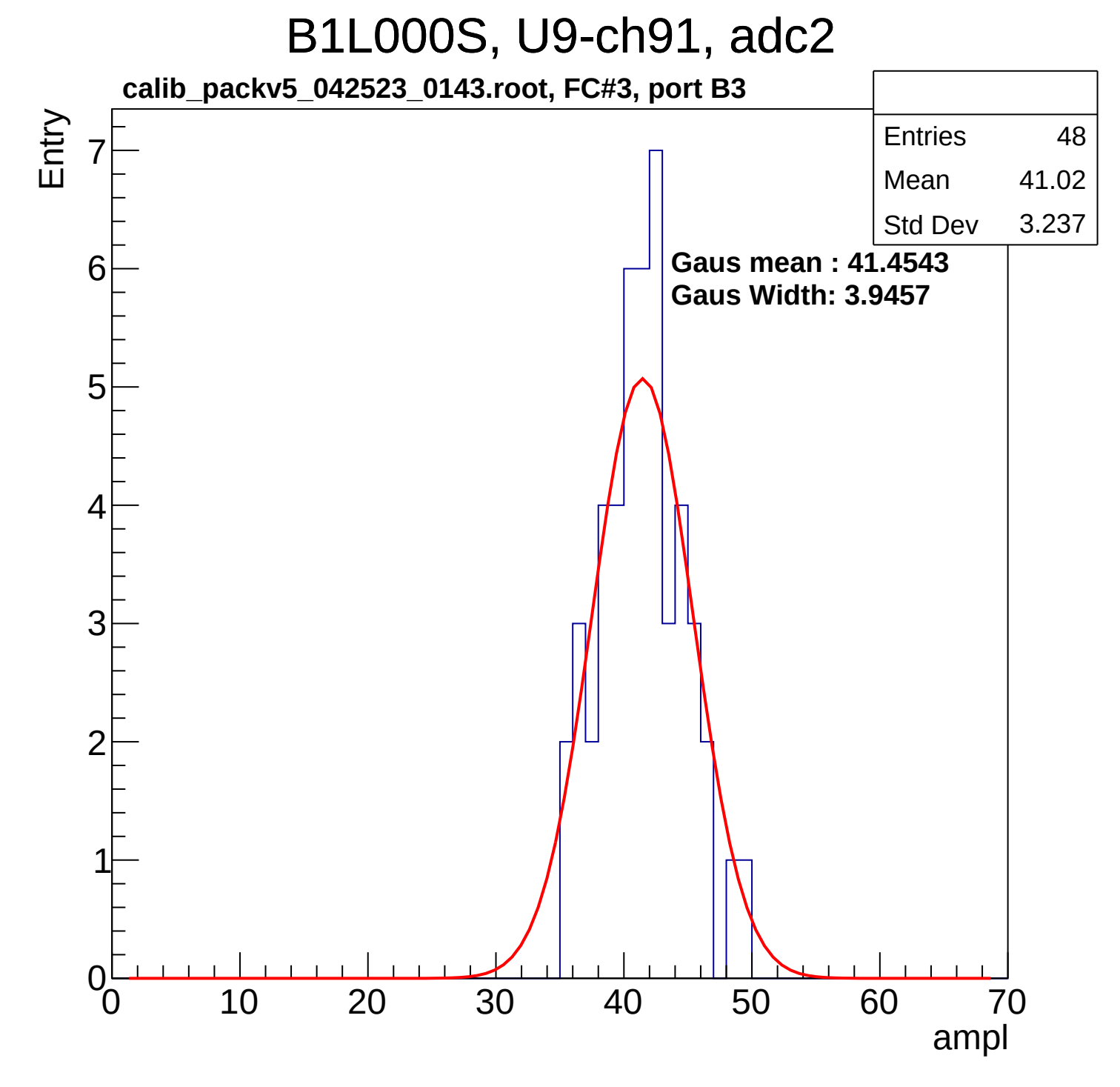
20
30
40
50
60
70


B1L000S, U9-ch91, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 41.02
Std Dev 3.237
Gaus mean : 41.4543
Gaus Width: 3.9457
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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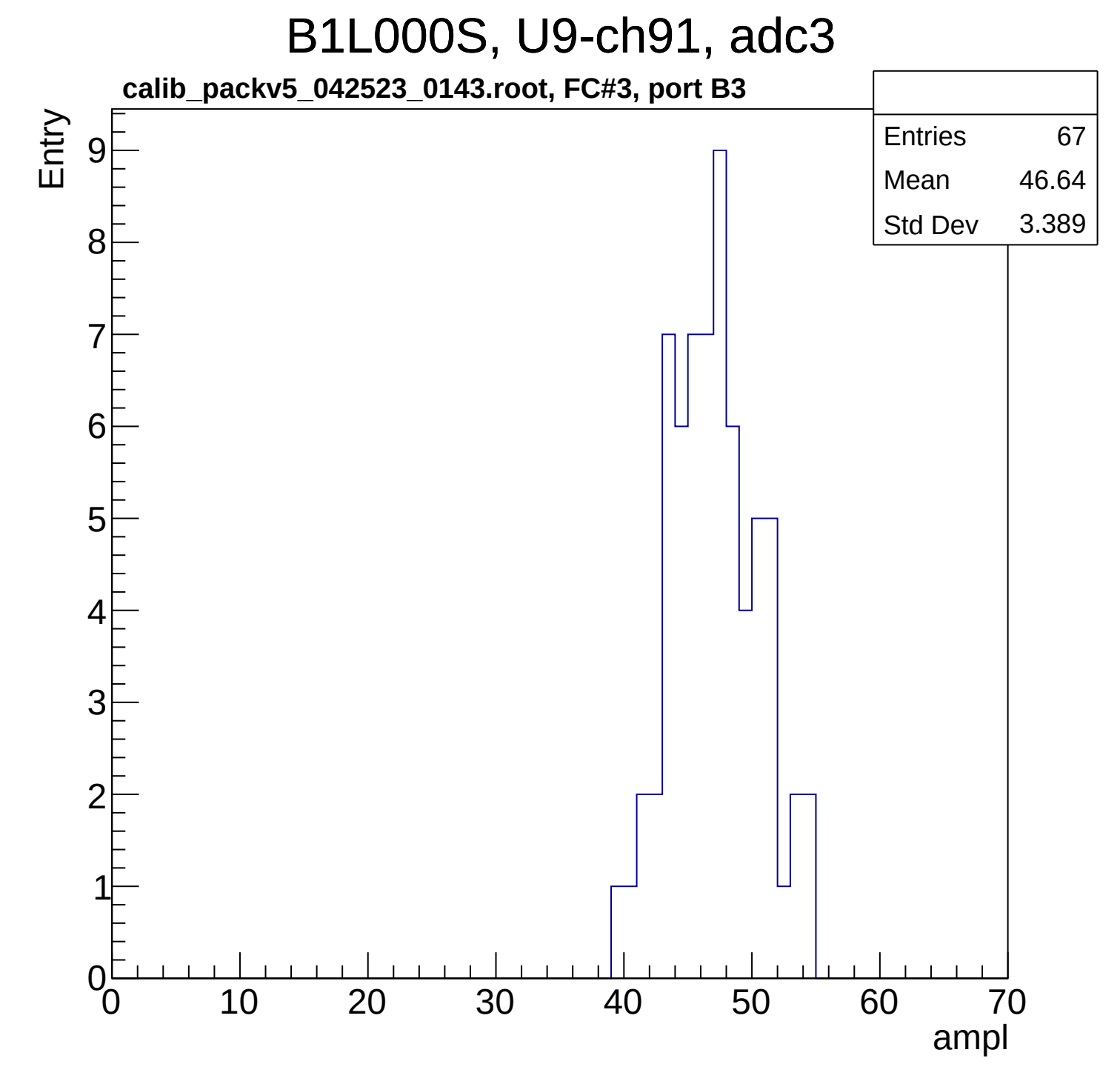
B1L000S, U9-ch91, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 46.64
Std Dev 3.389
Entry
ampl
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6
7
8
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0
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60
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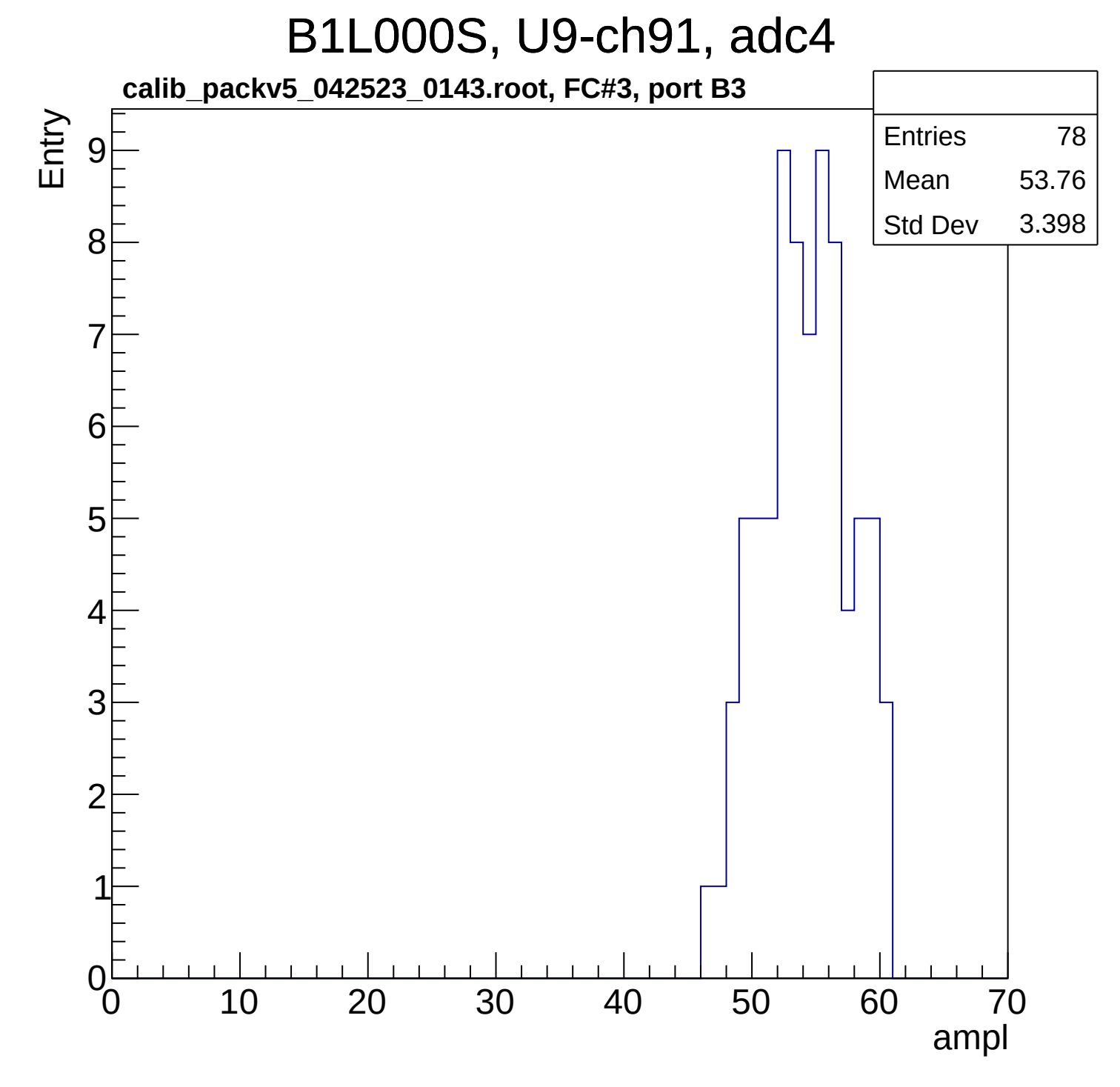
B1L000S, U9-ch91, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 53.76
Std Dev 3.398
Entry
ampl
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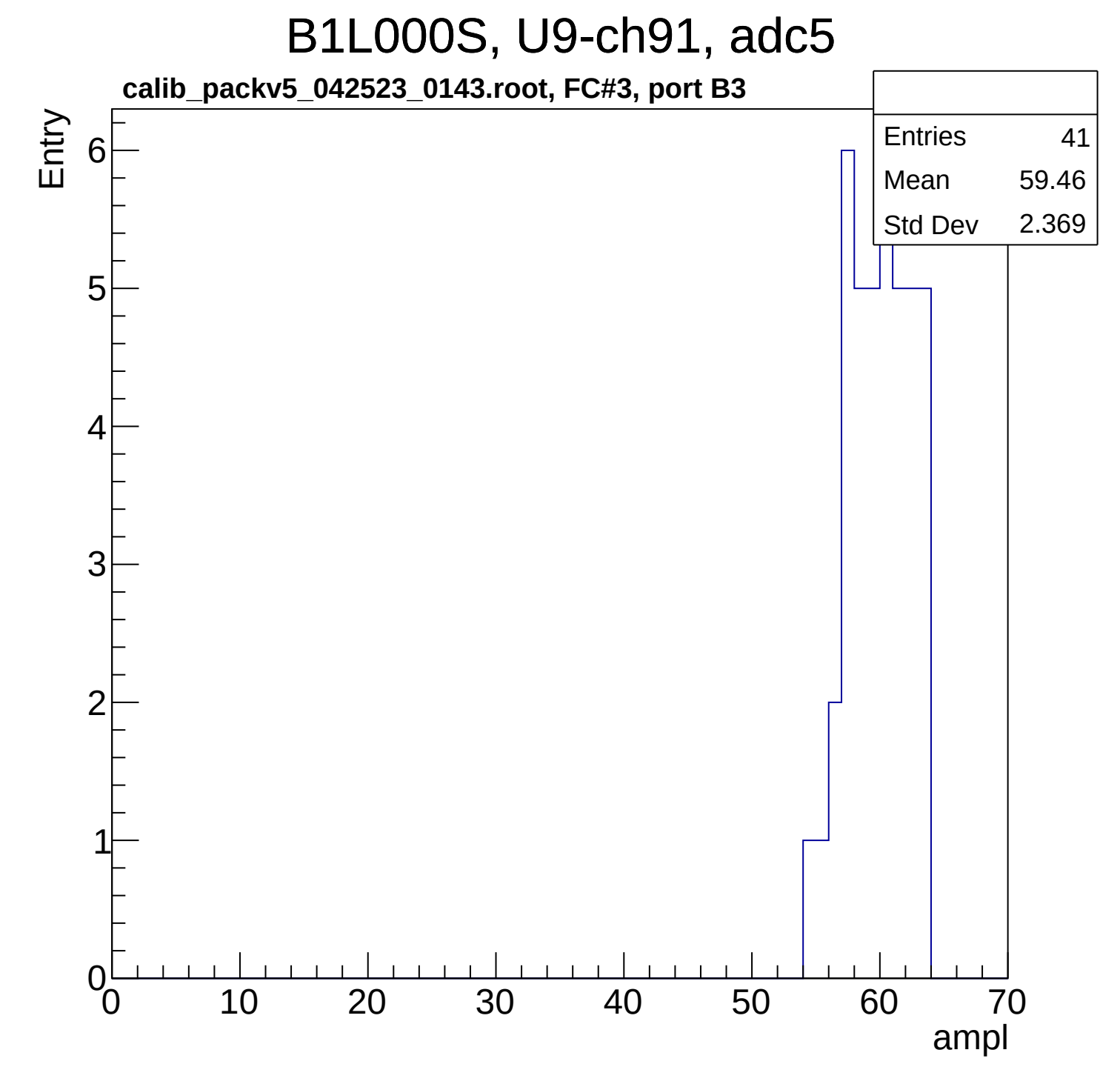
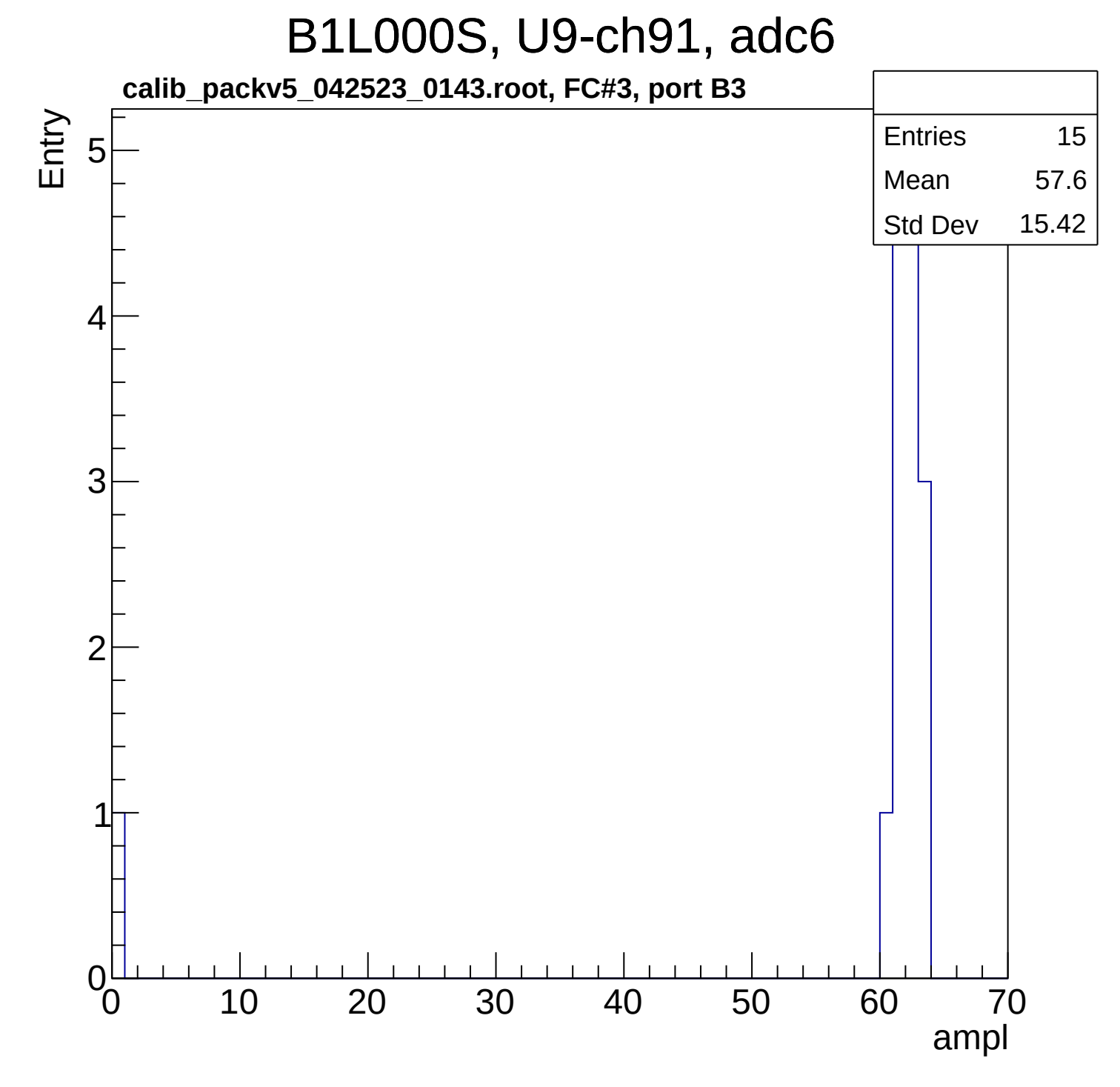
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch91, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 59.46
Std Dev 2.369
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch91, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.6
Std Dev 15.42
Entry
0
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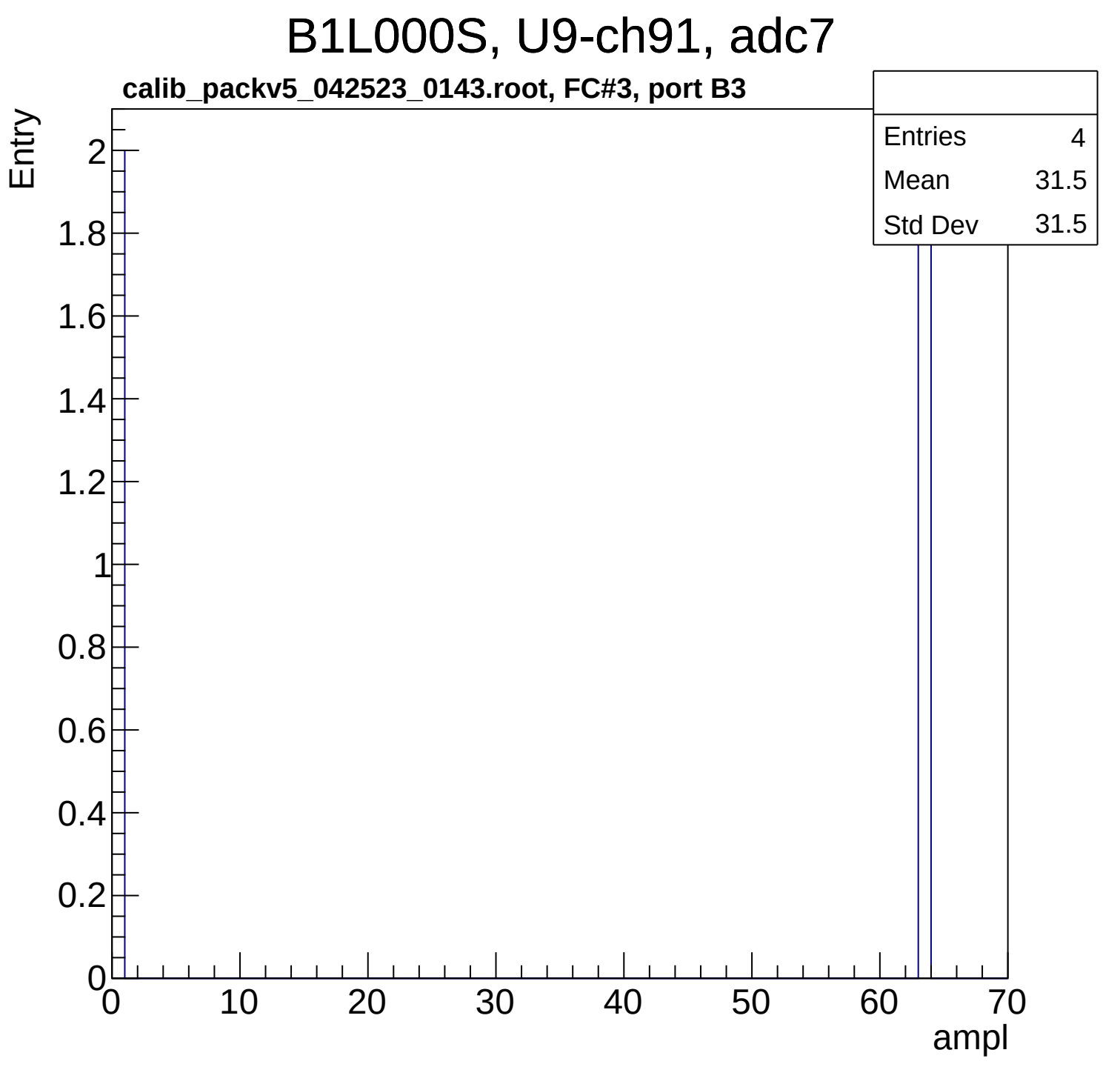
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch91, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 31.5
Std Dev 31.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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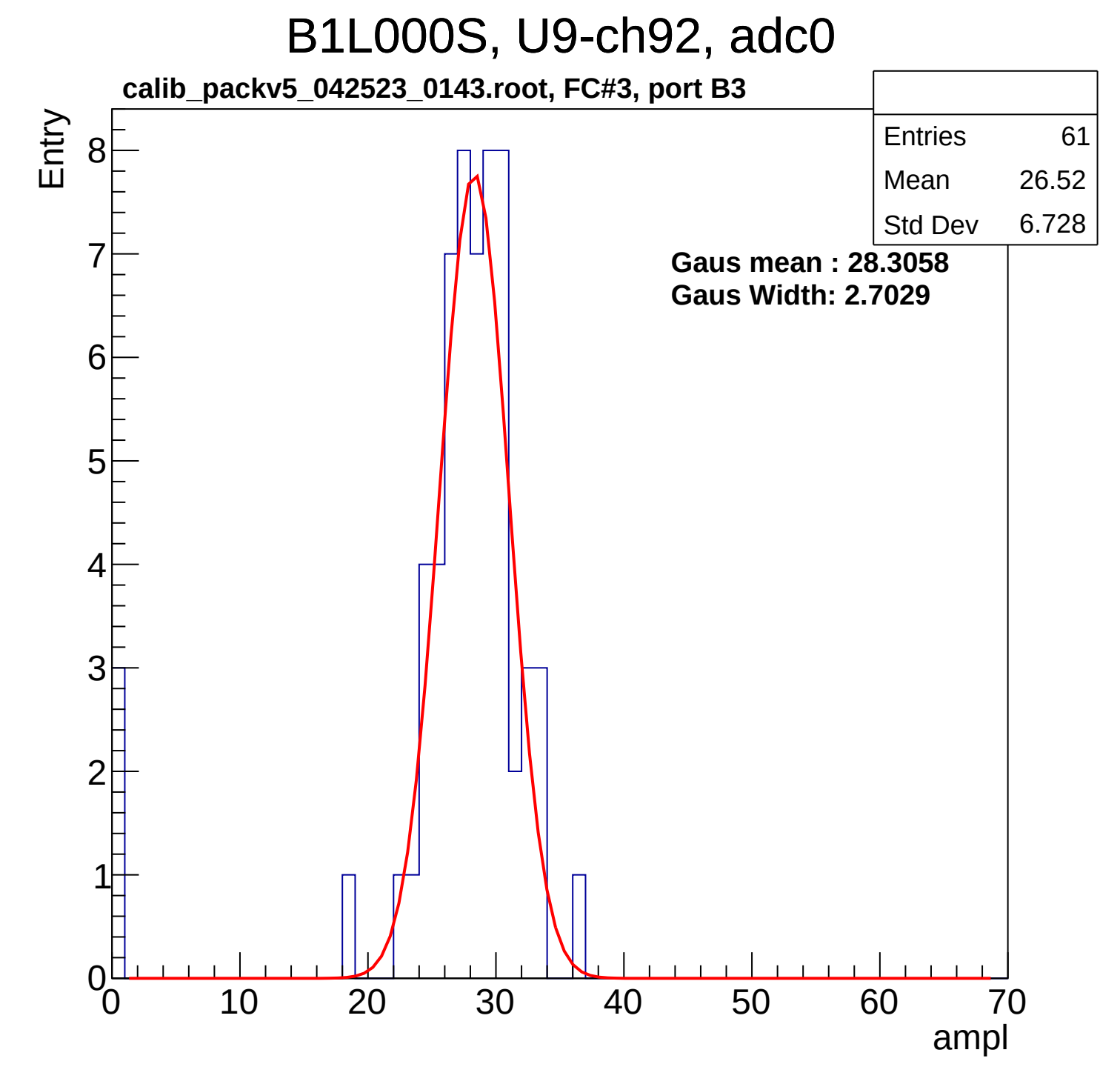
B1L000S, U9-ch92, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 26.52
Std Dev 6.728
Gaus mean : 28.3058
Gaus Width: 2.7029
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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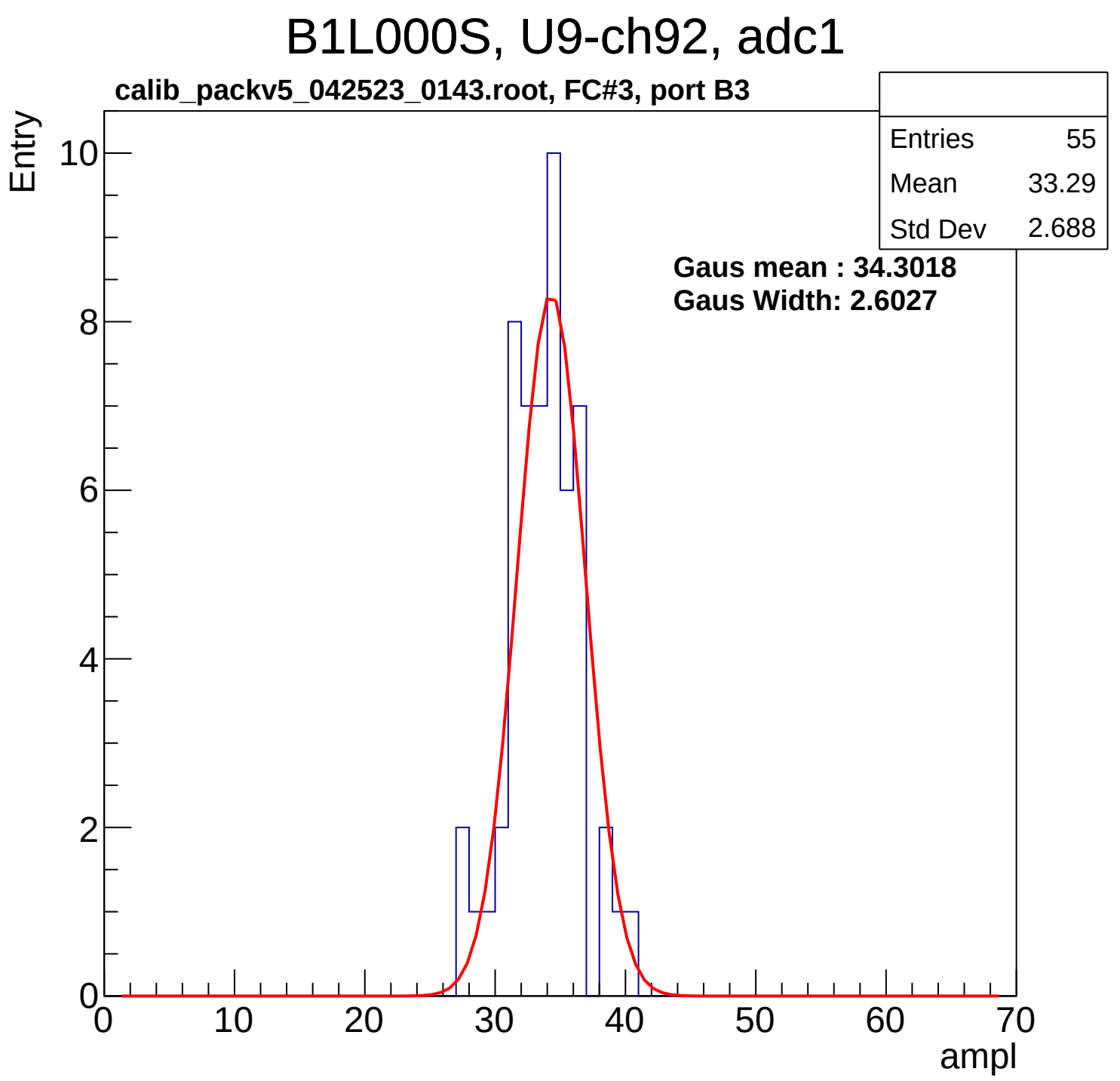
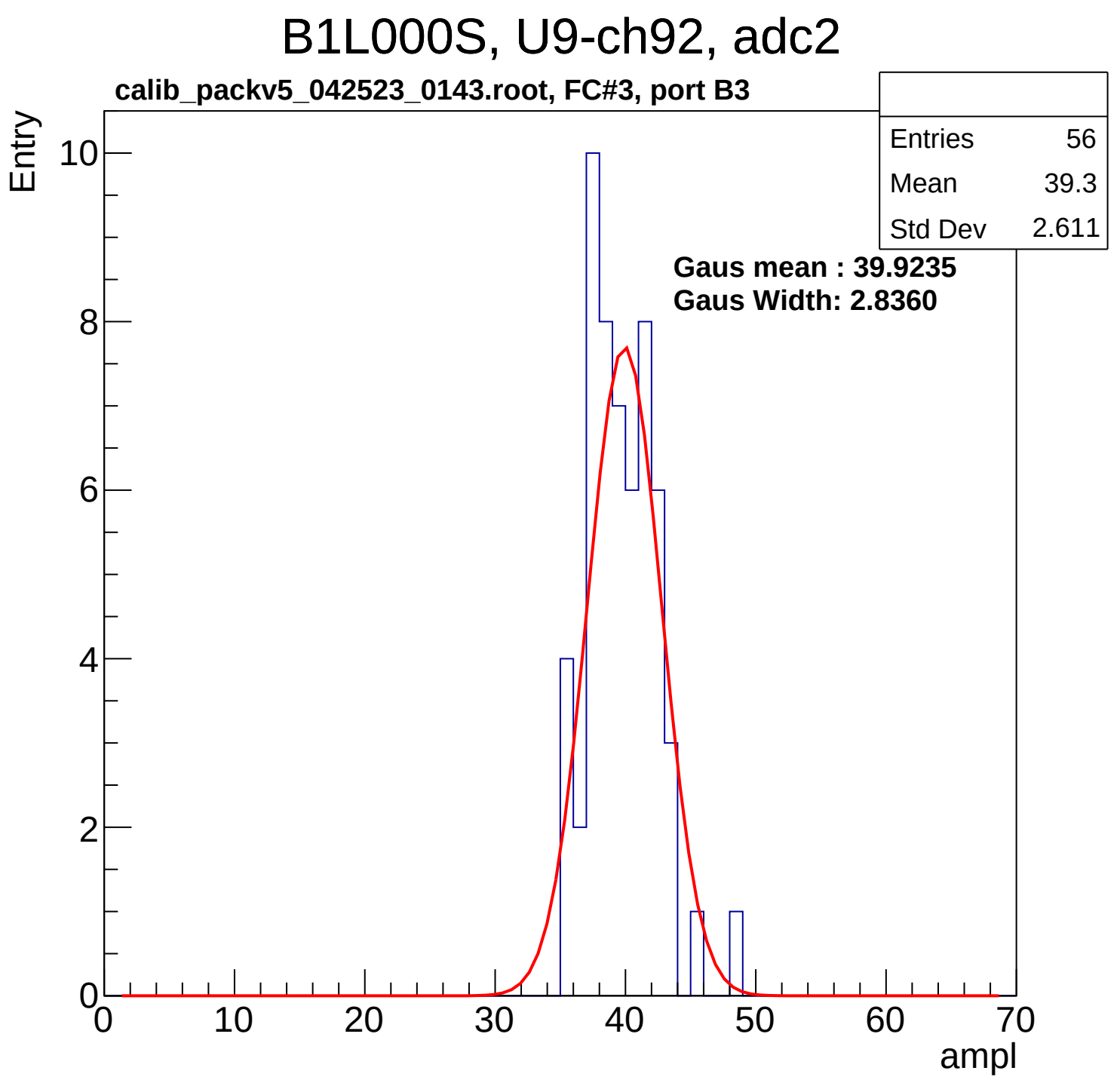
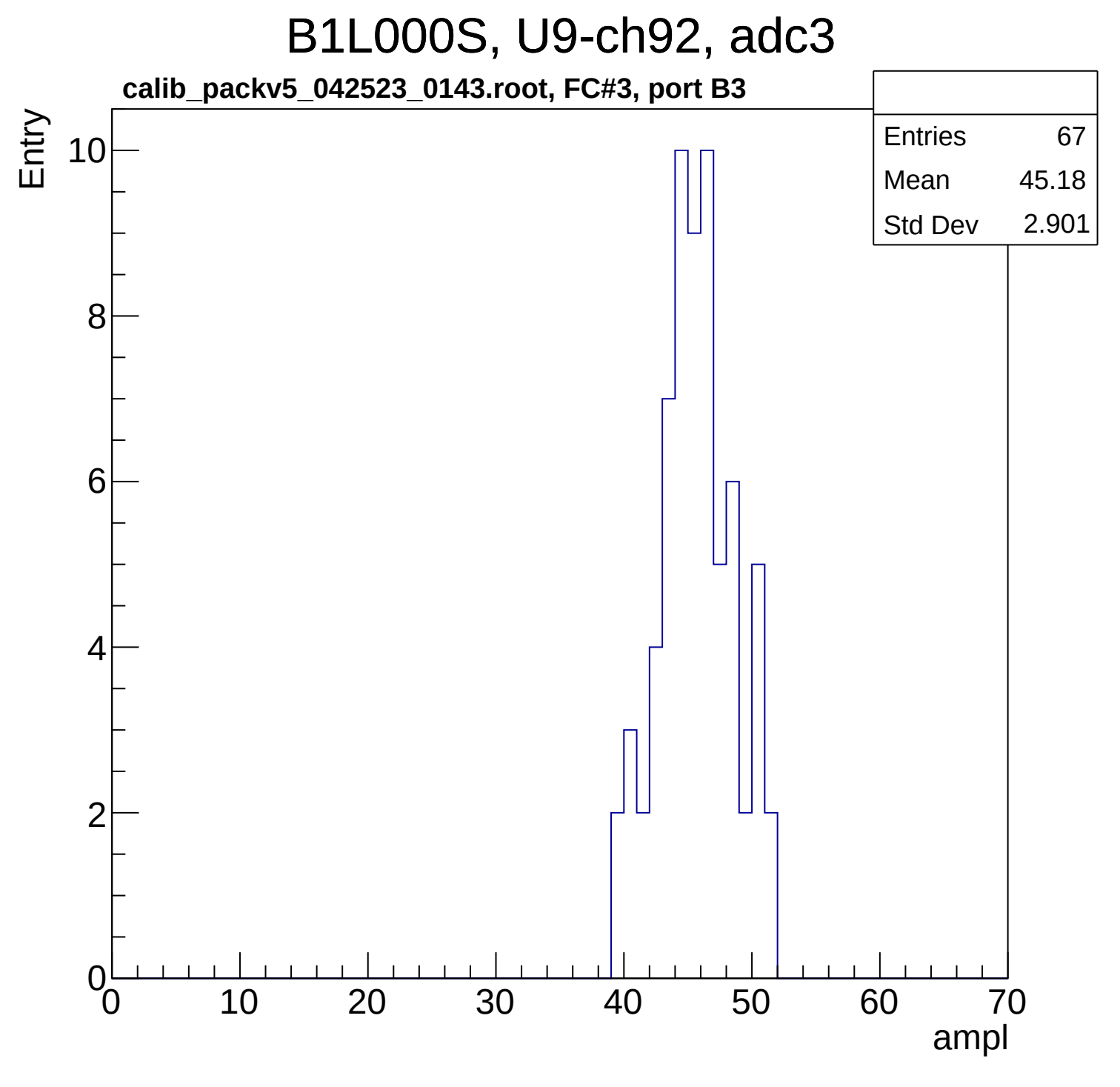
60
70


B1L000S, U9-ch92, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 33.29
Std Dev 2.688
Gaus mean : 34.3018
Gaus Width: 2.6027
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch92, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 39.3
Std Dev 2.611
Gaus mean : 39.9235
Gaus Width: 2.8360
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch92, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 45.18
Std Dev 2.901
Entry
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4
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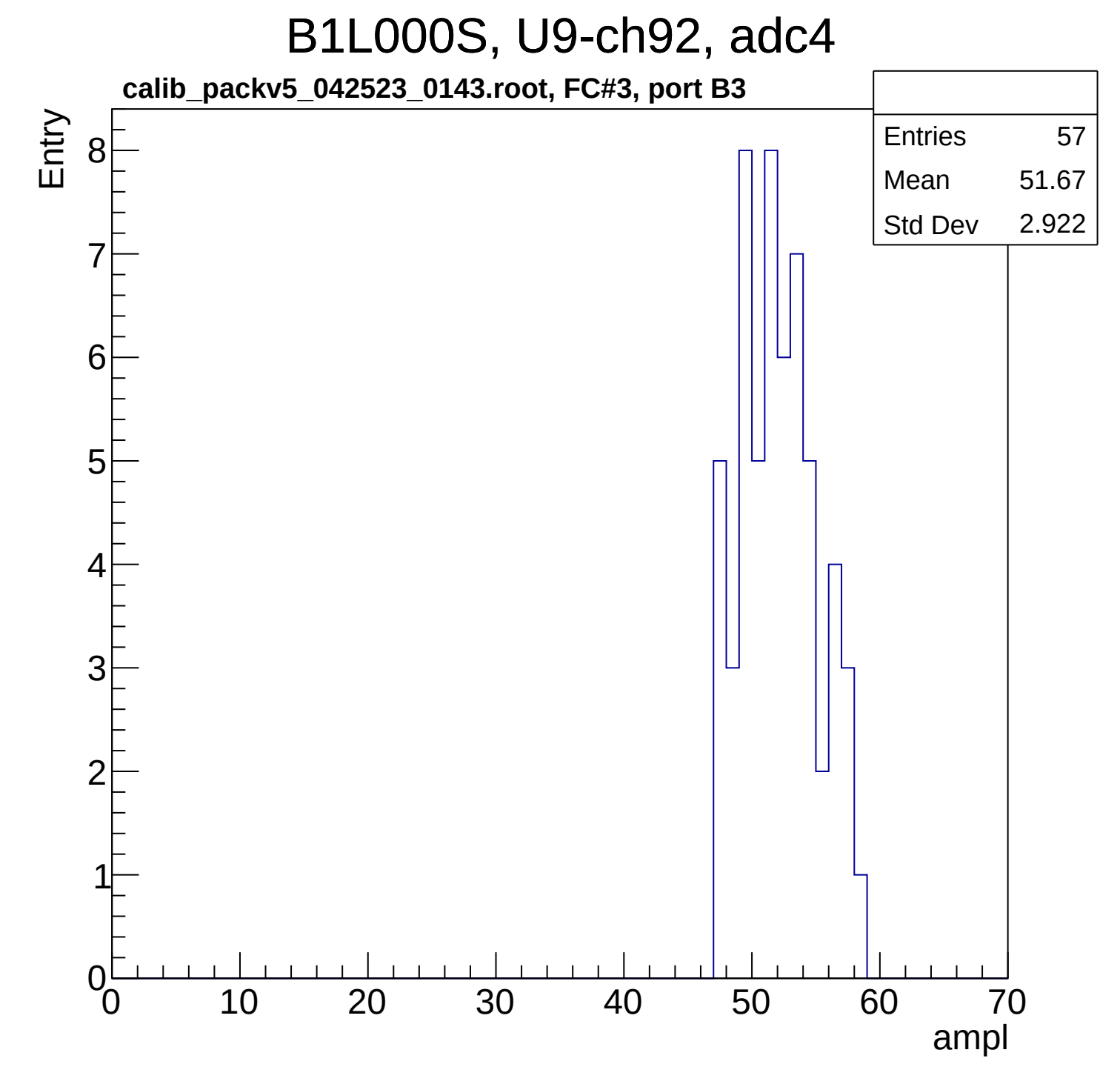
70
ampl


B1L000S, U9-ch92, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 51.67
Std Dev 2.922
Entry
ampl
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3
4
5
6
7
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0
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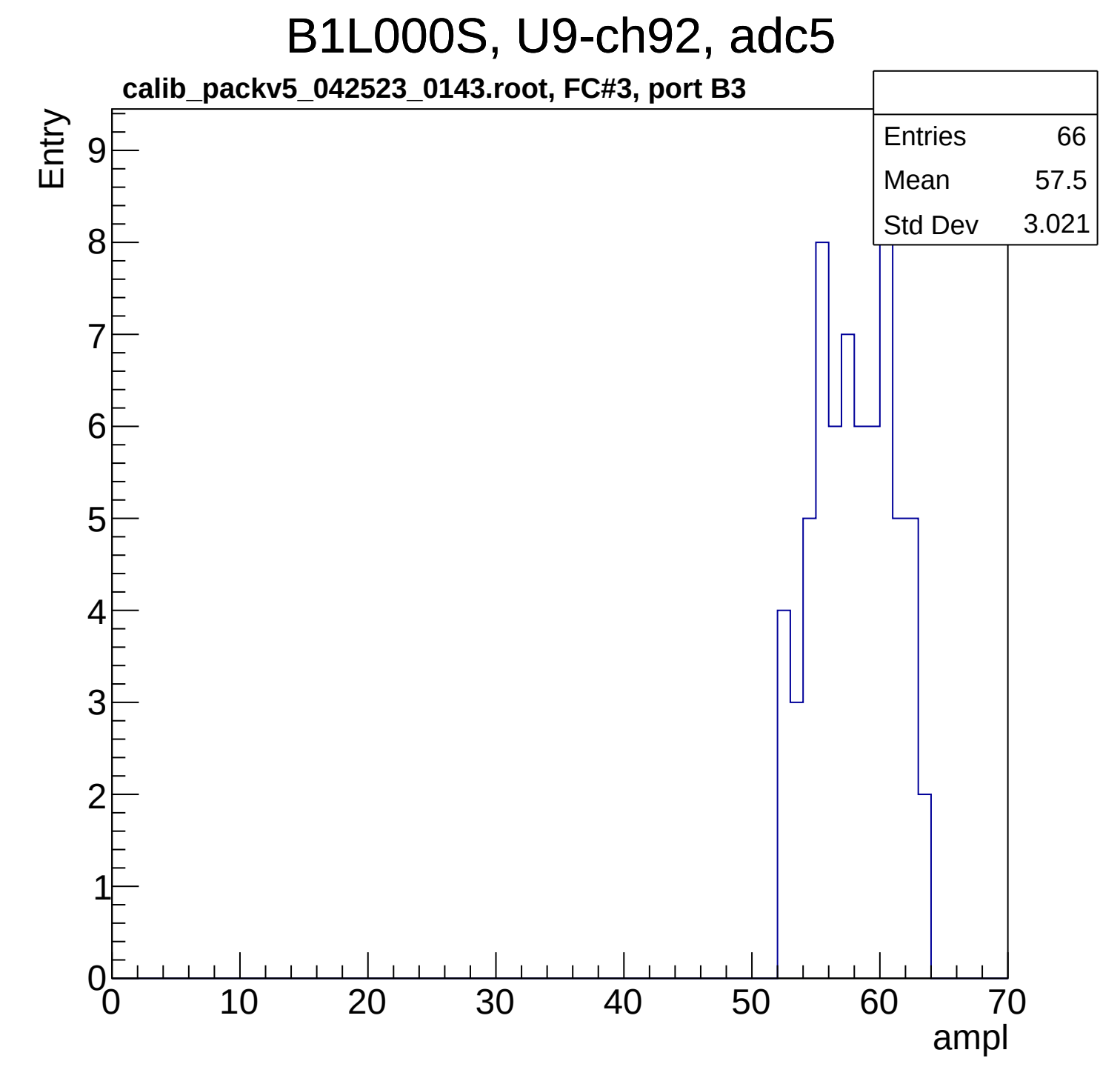
70


B1L000S, U9-ch92, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 57.5
Std Dev 3.021
Entry
ampl
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0
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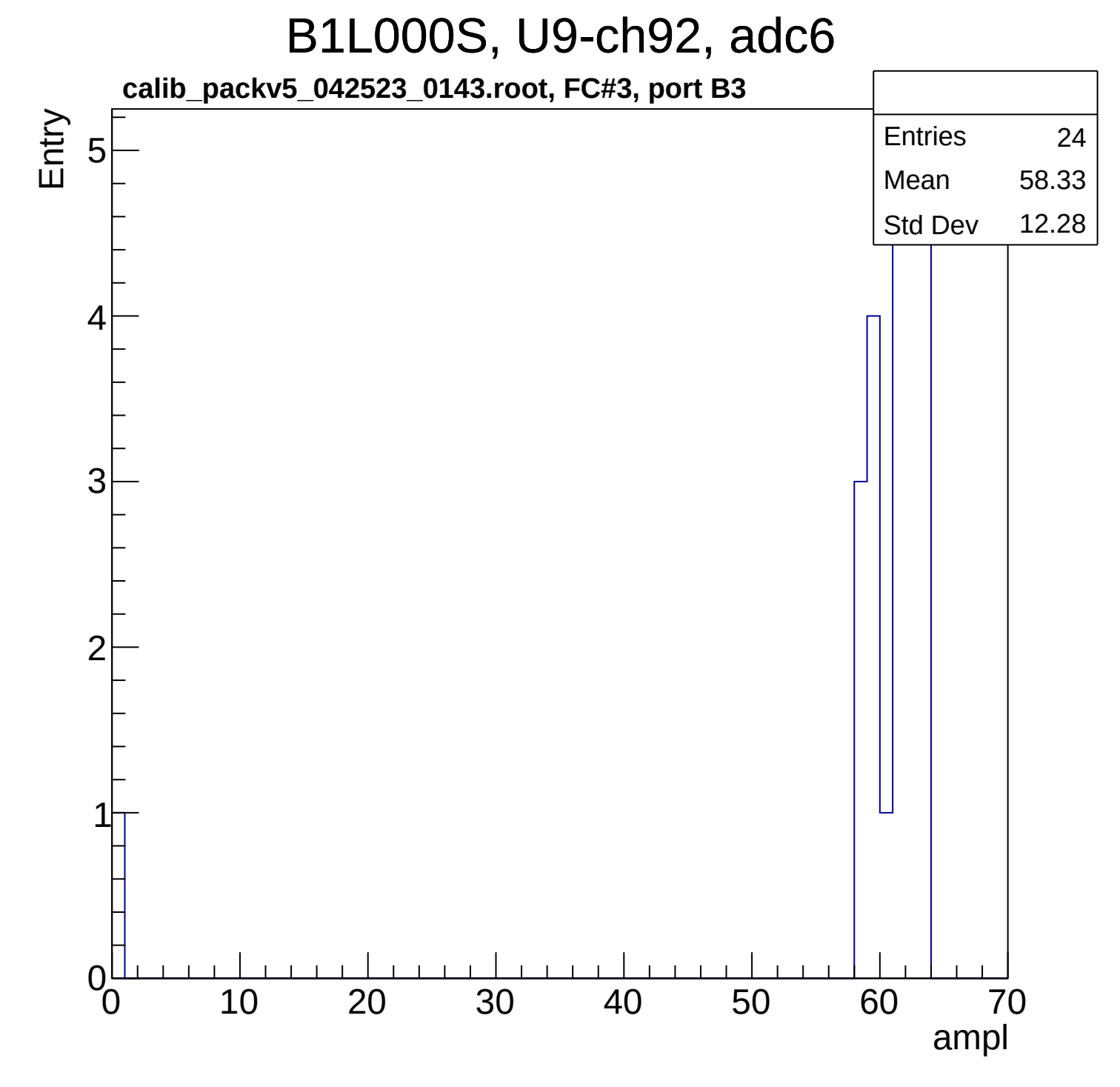
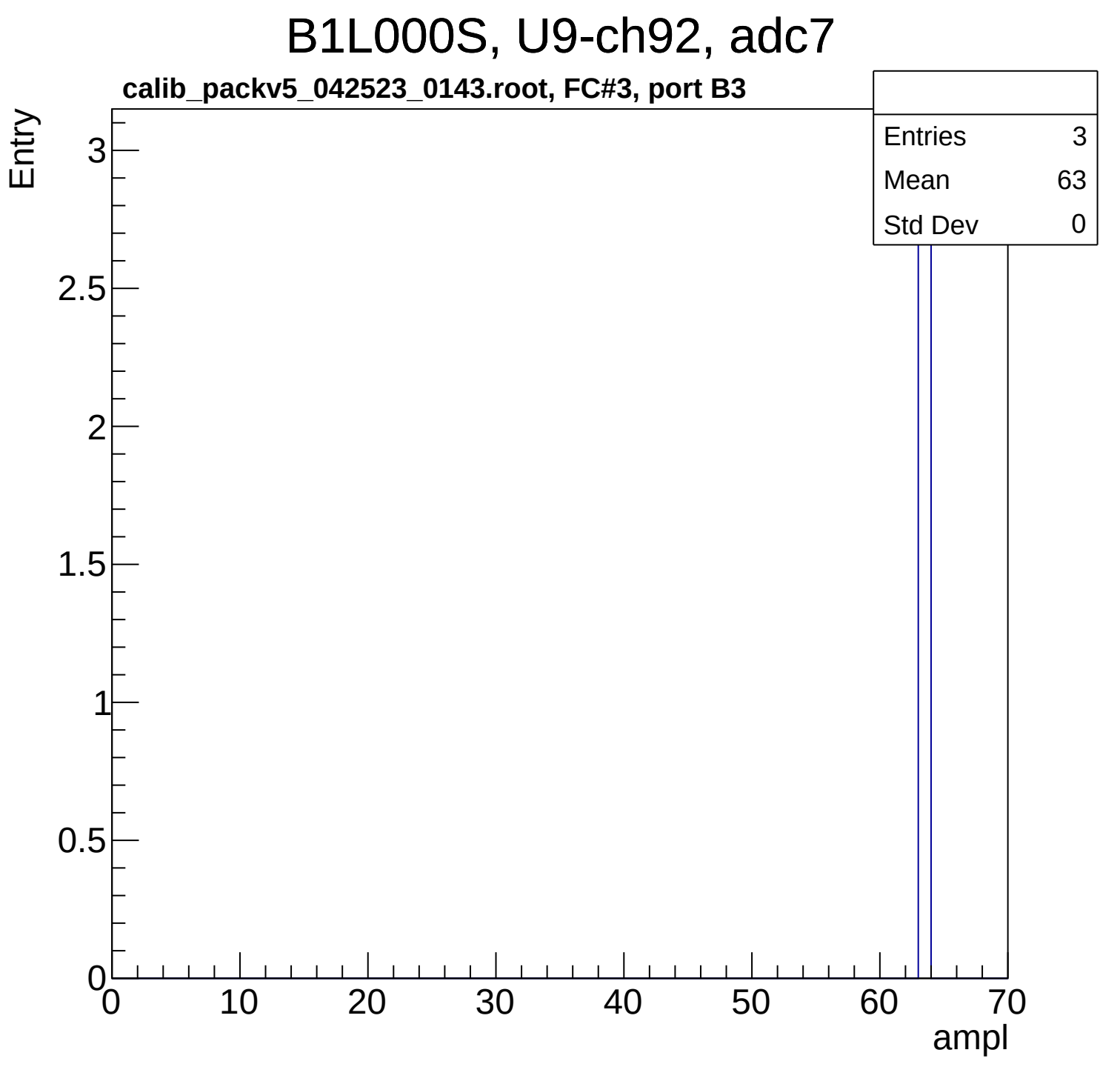

B1L000S, U9-ch92, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.33
Std Dev 12.28
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch92, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 63
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
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20
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50
60
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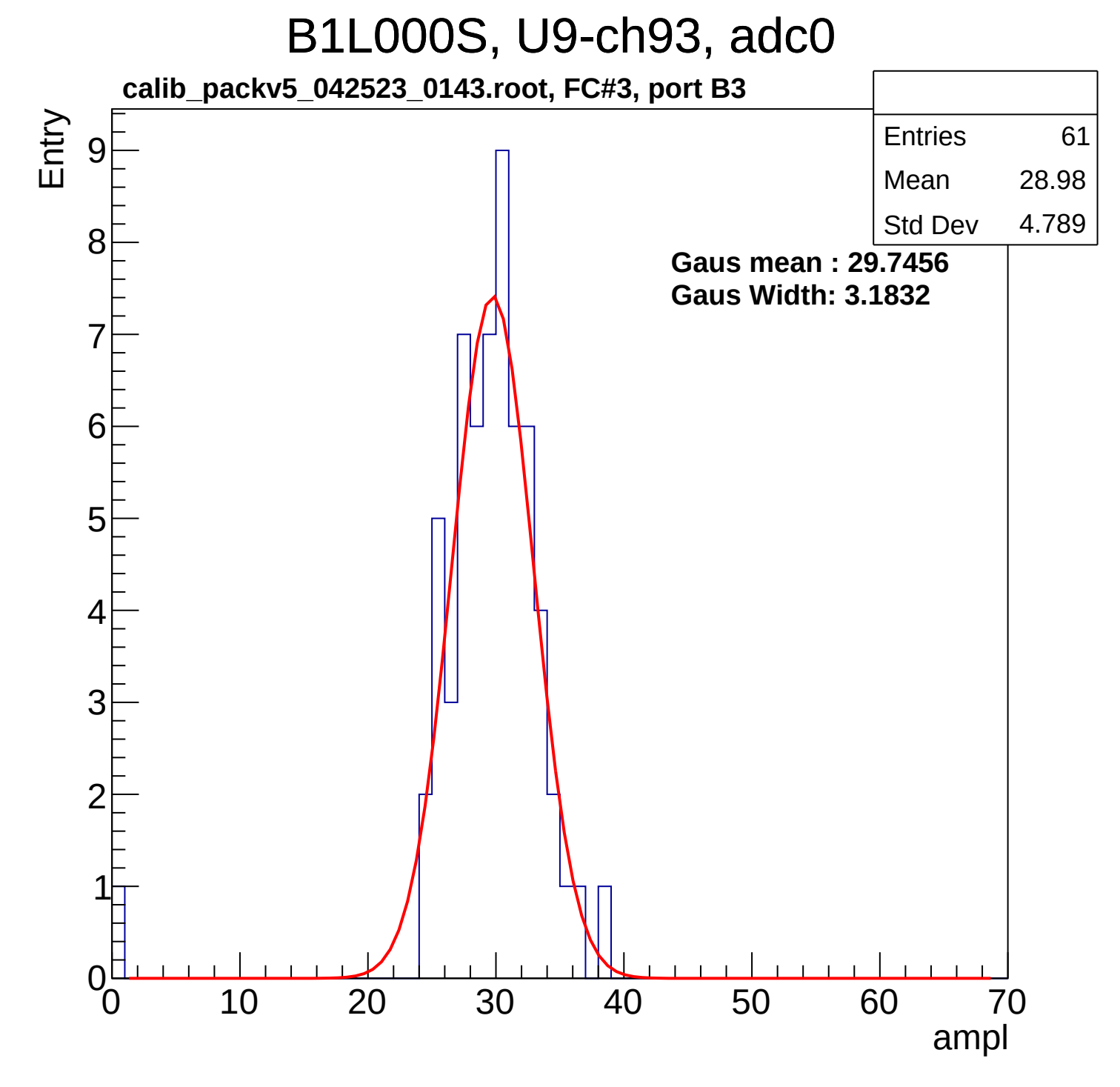
B1L000S, U9-ch93, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 28.98
Std Dev 4.789
Gaus mean : 29.7456
Gaus Width: 3.1832
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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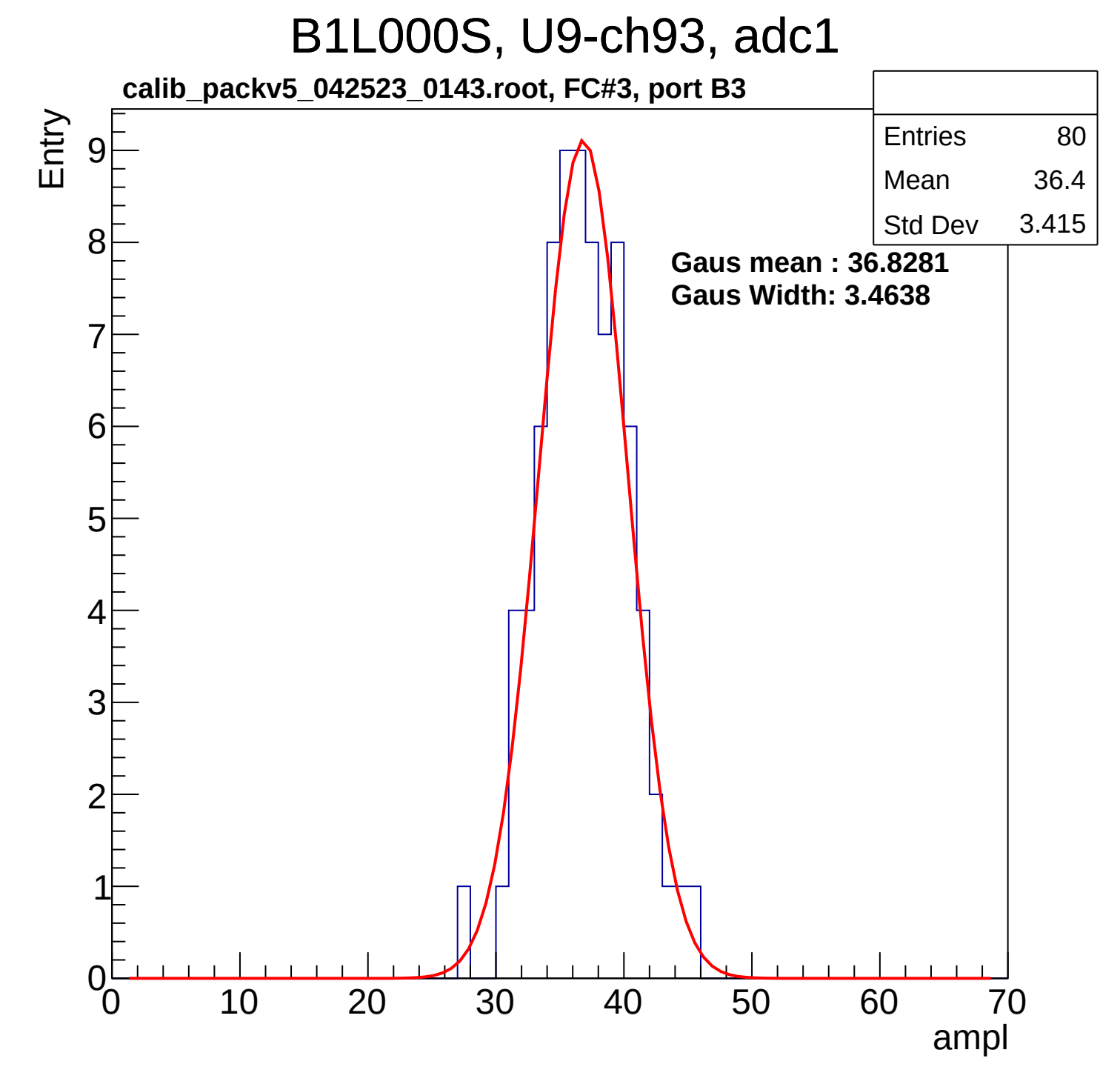
B1L000S, U9-ch93, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 36.4
Std Dev 3.415
Gaus mean : 36.8281
Gaus Width: 3.4638
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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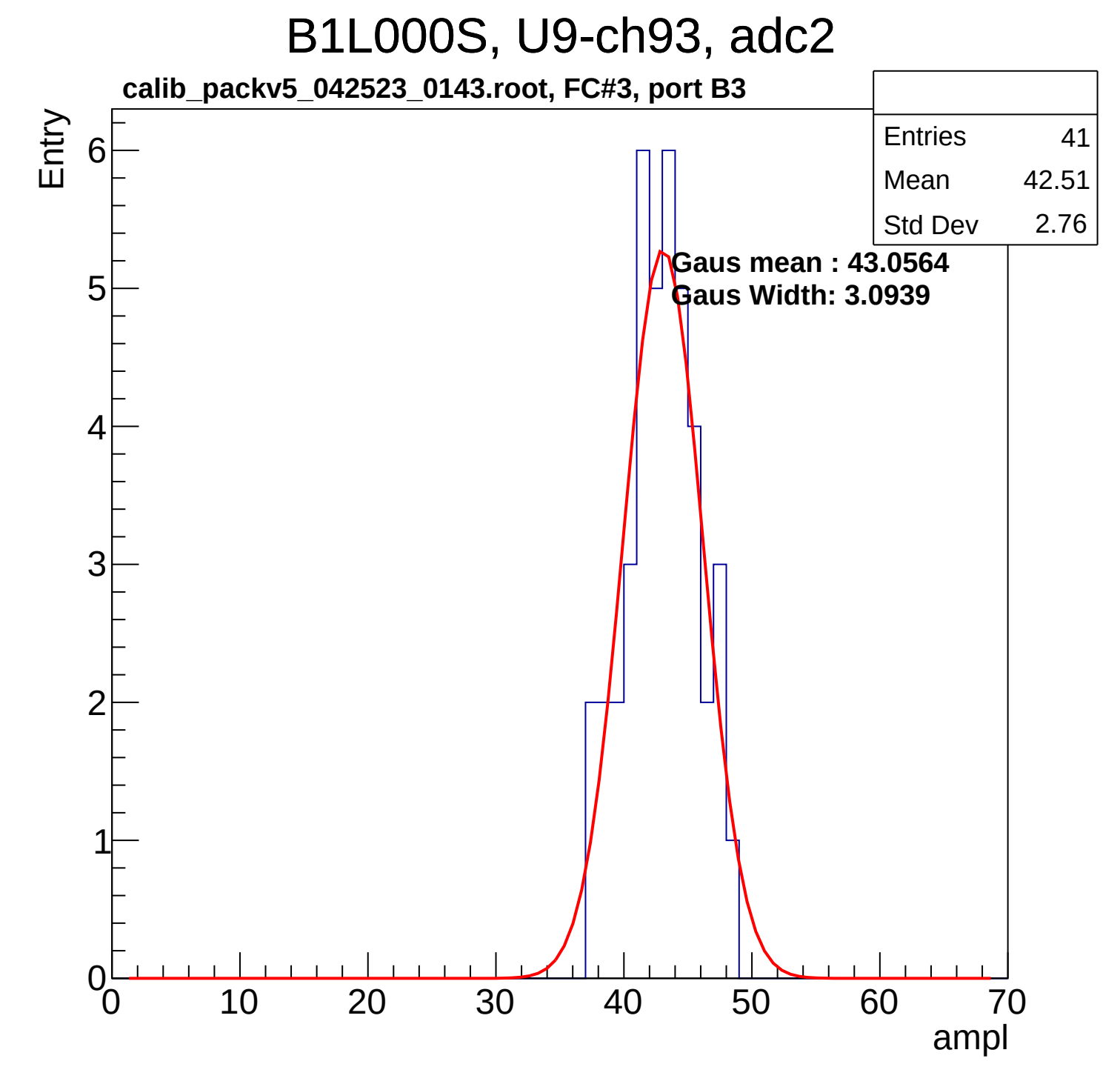
B1L000S, U9-ch93, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 42.51
Std Dev 2.76
Gaus mean : 43.0564
Gaus Width: 3.0939
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
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60
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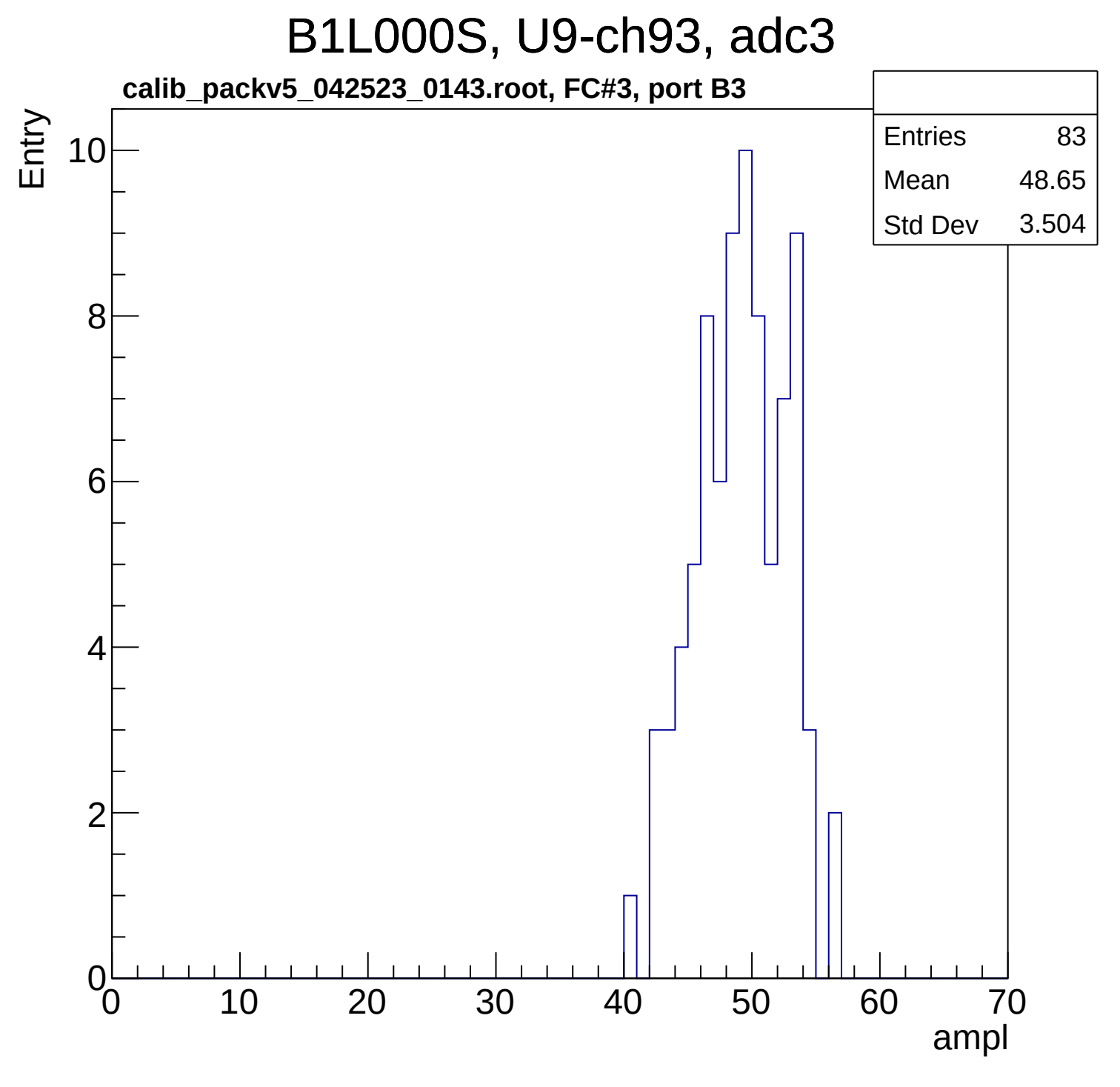
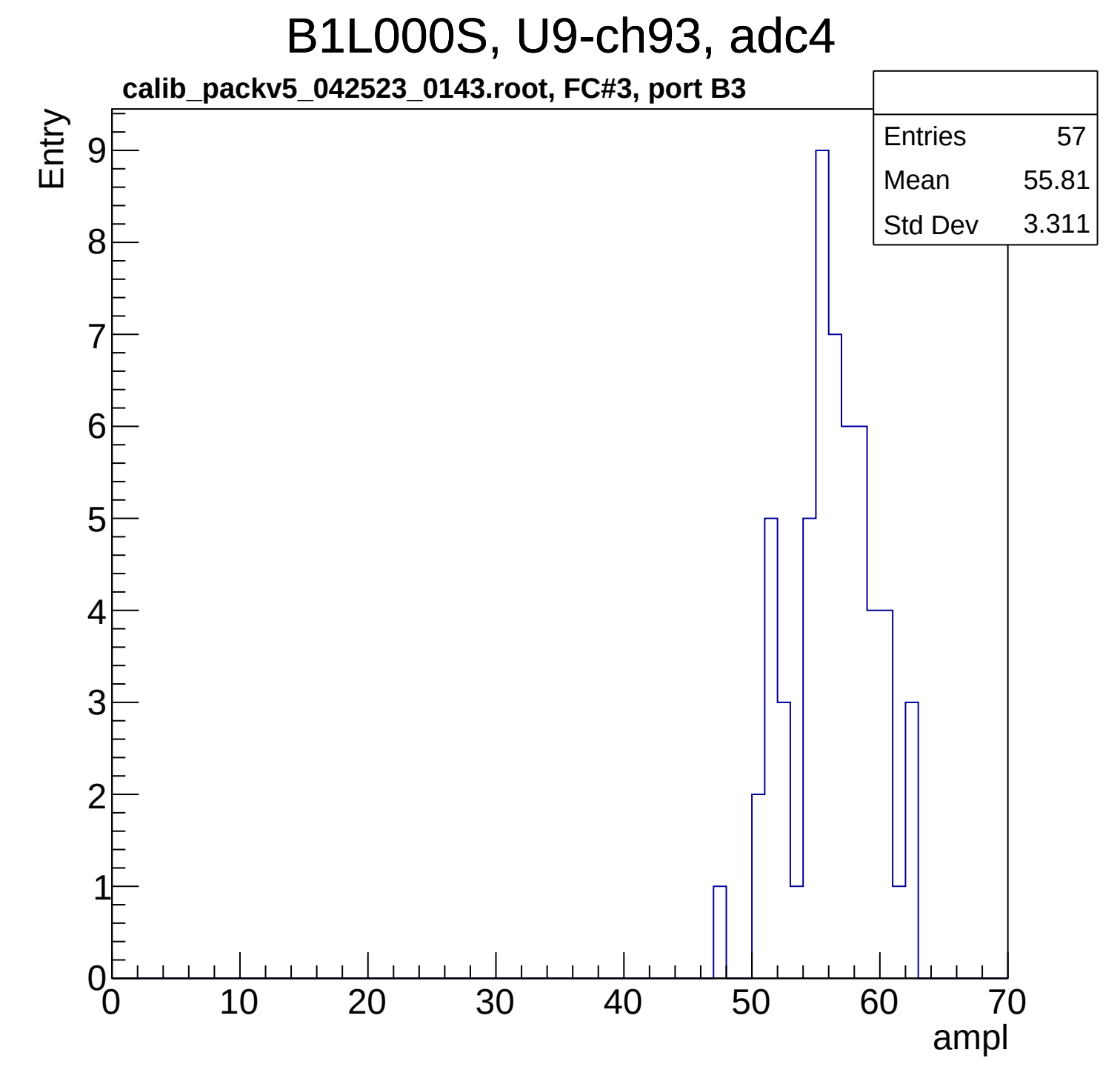

B1L000S, U9-ch93, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 48.65
Std Dev 3.504
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch93, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 55.81
Std Dev 3.311
Entry
ampl
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3
4
5
6
7
8
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0
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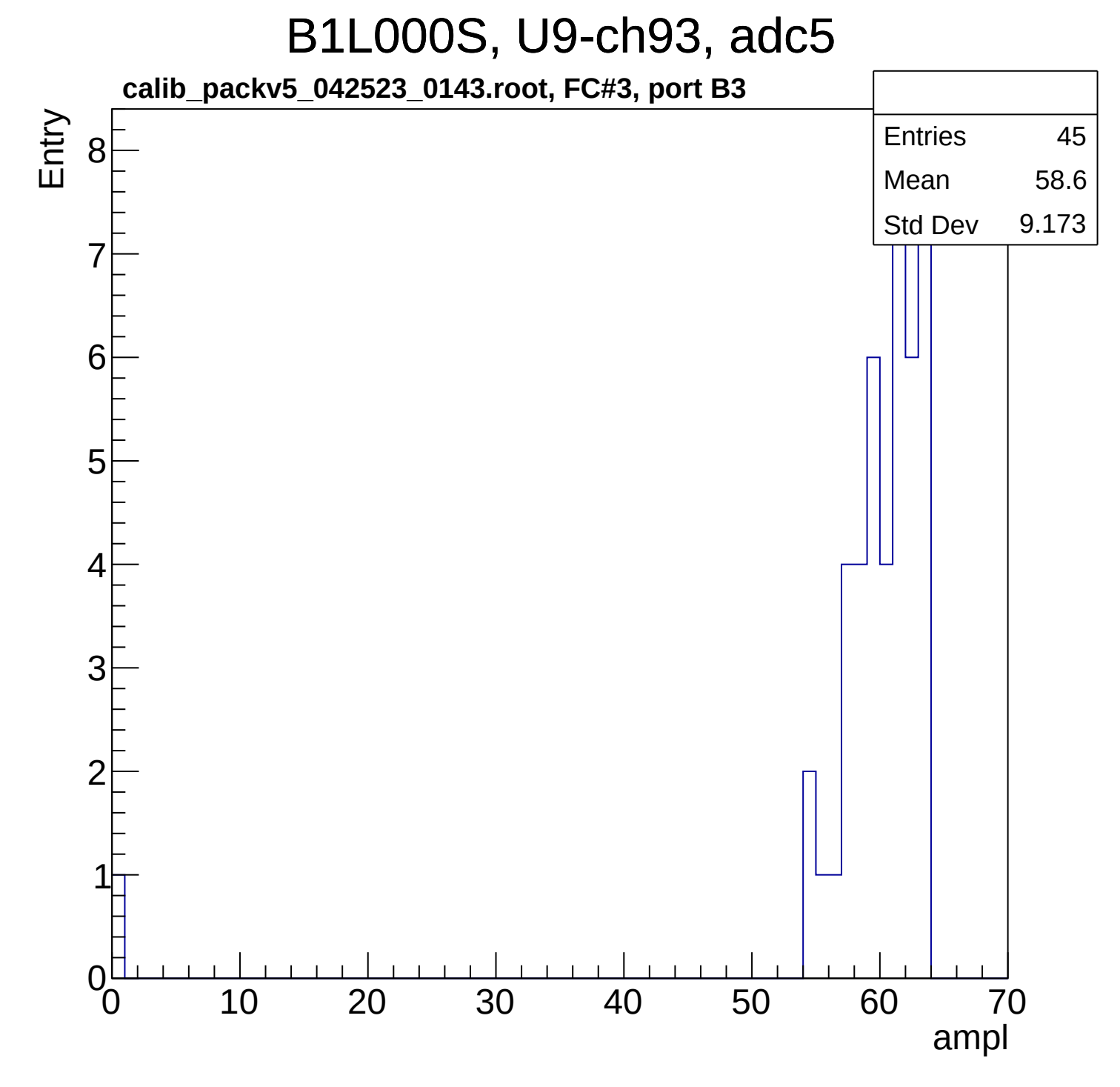
B1L000S, U9-ch93, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.6
Std Dev 9.173
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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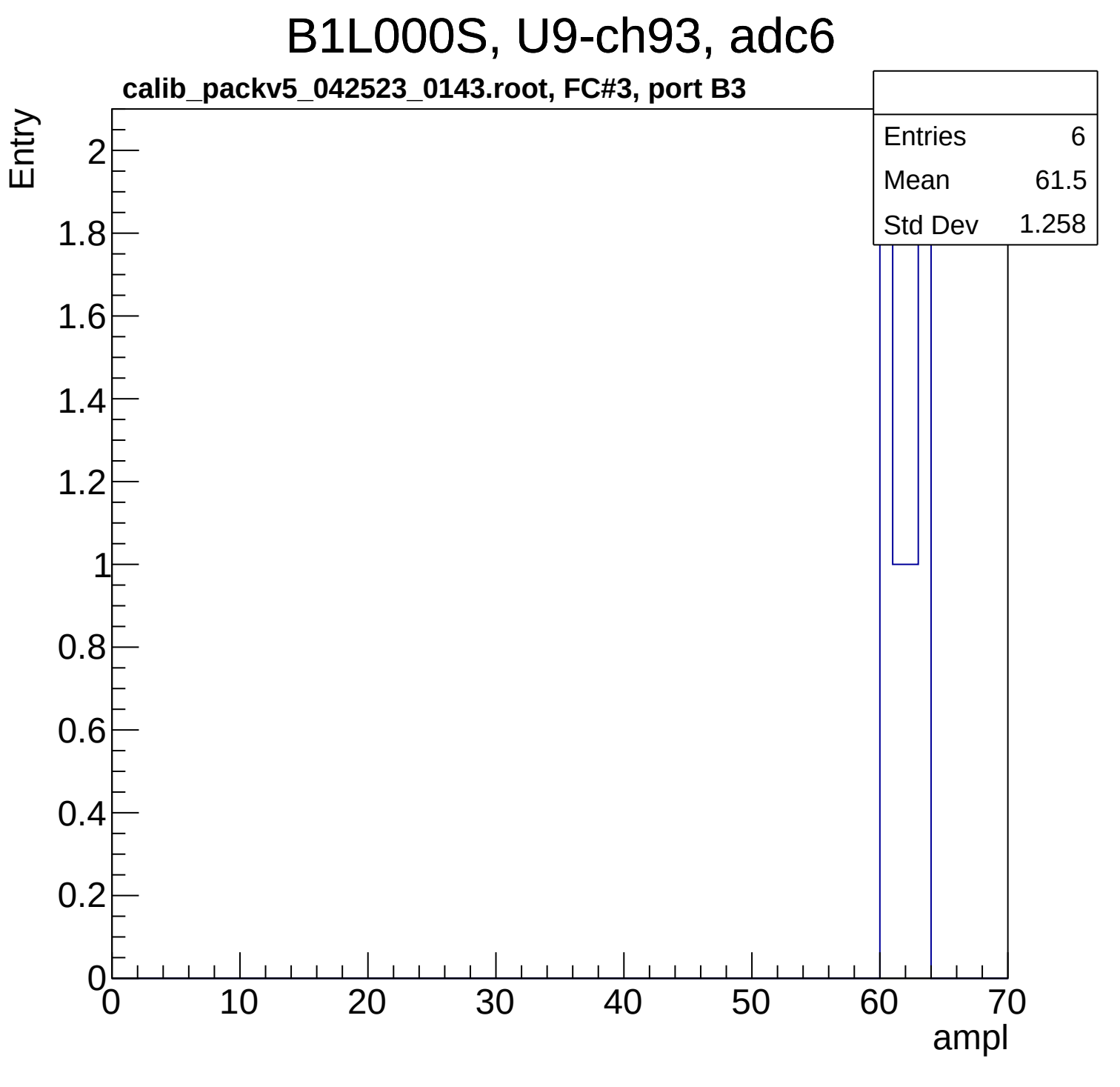
B1L000S, U9-ch93, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.5
Std Dev 1.258
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
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40
50
60
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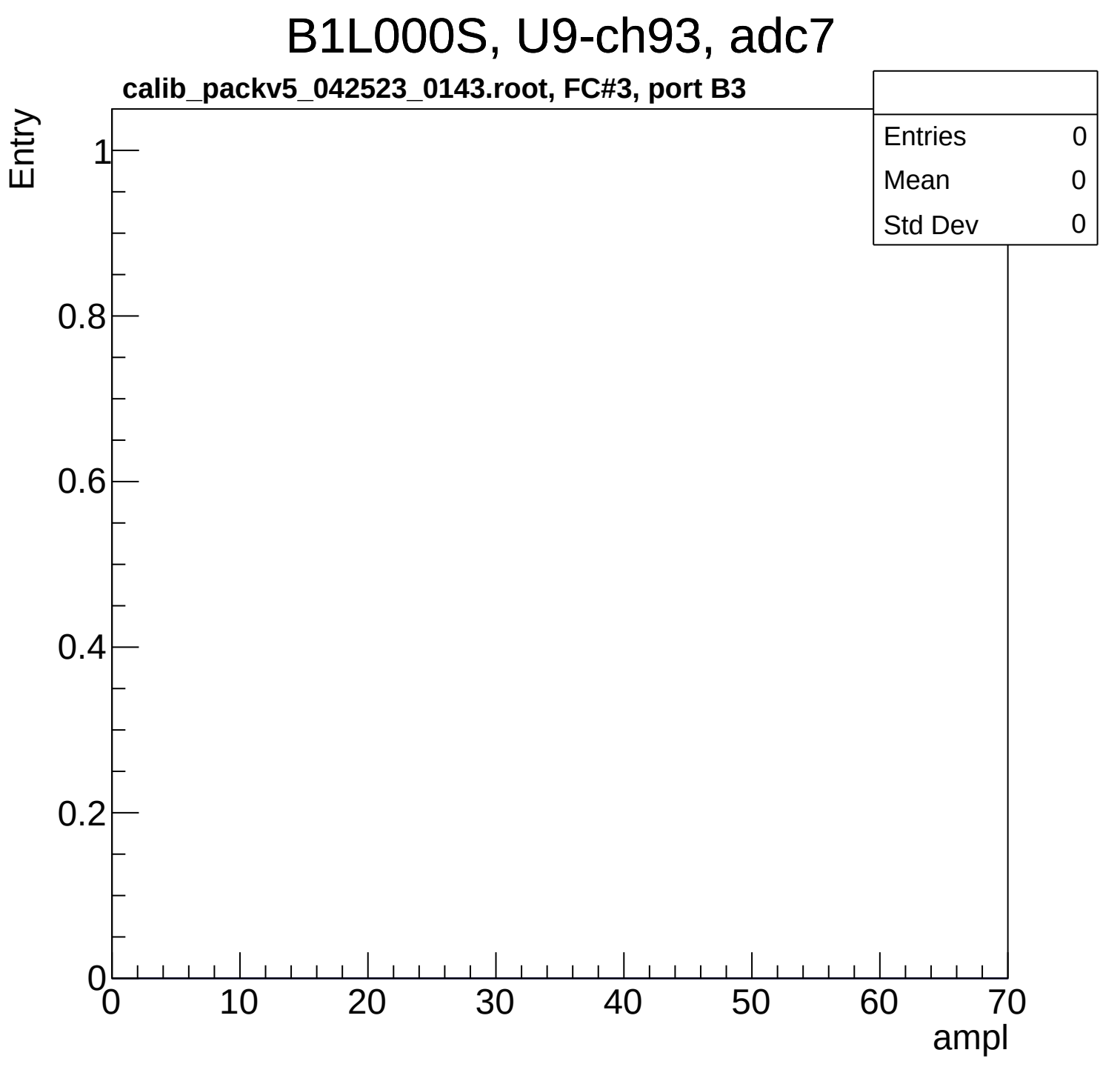
B1L000S, U9-ch93, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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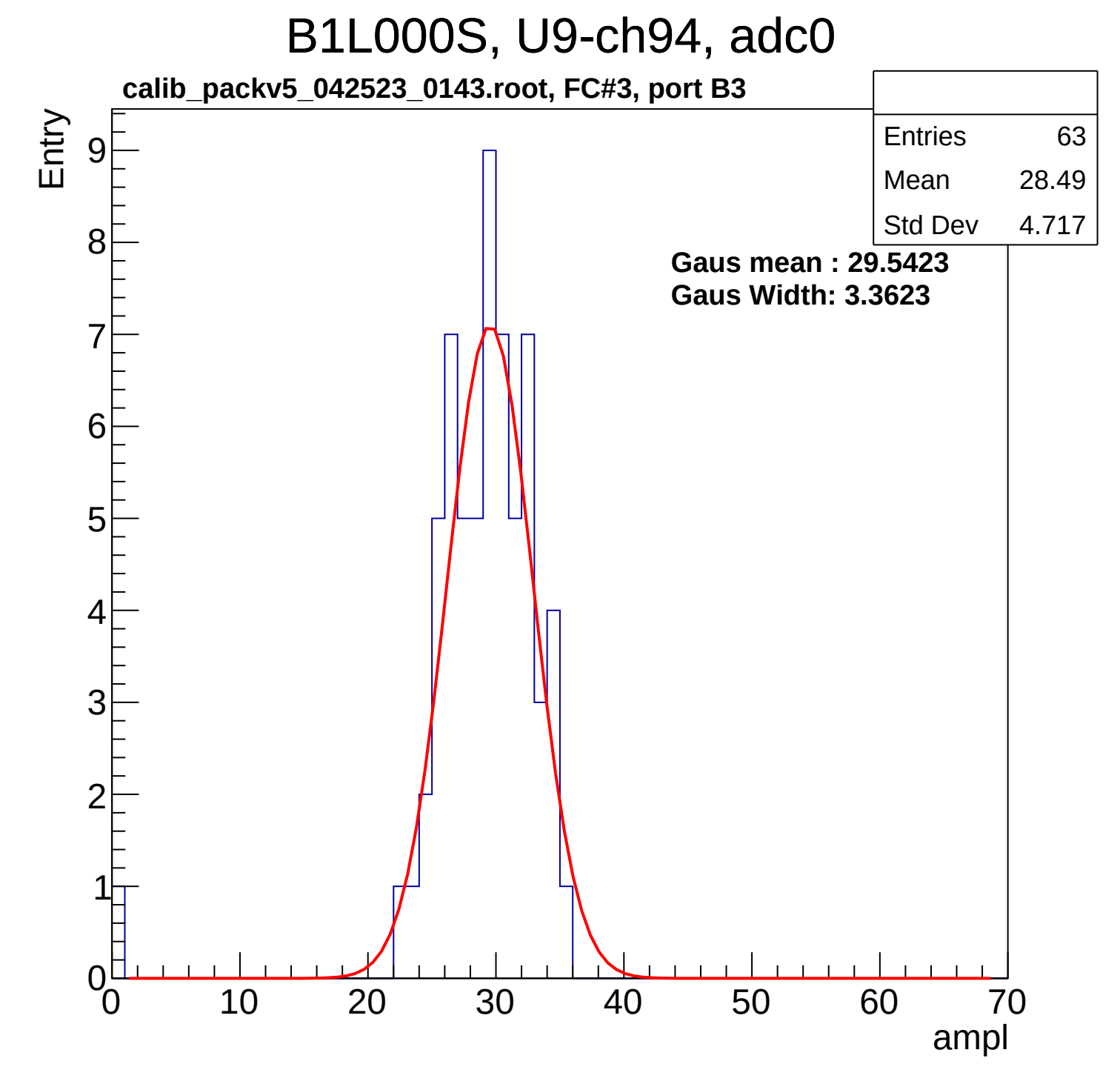
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch94, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.49
Std Dev 4.717
Gaus mean : 29.5423
Gaus Width: 3.3623
Entry
ampl
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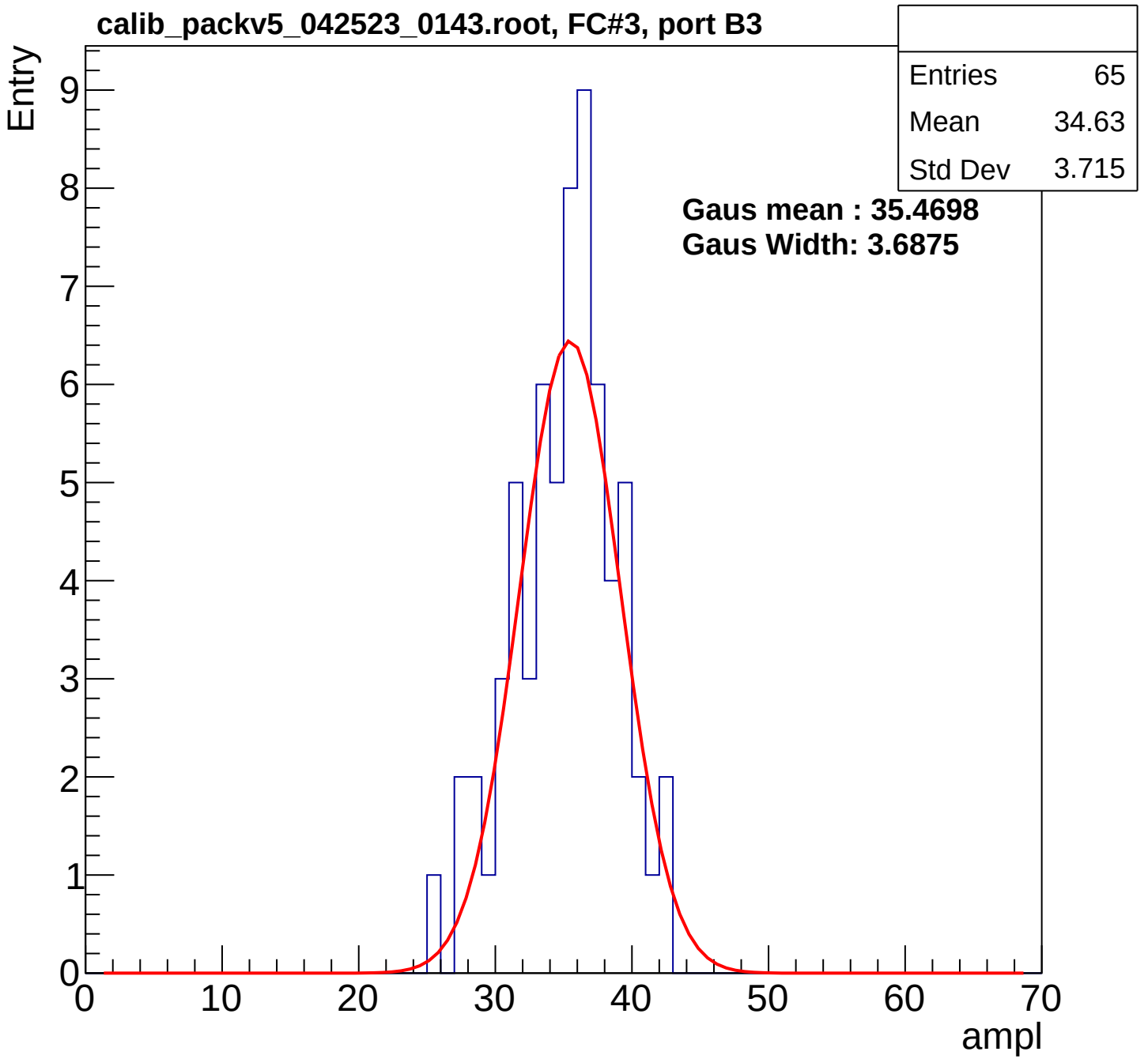
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch94, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.63
Std Dev 3.715
Gaus mean : 35.4698
Gaus Width: 3.6875
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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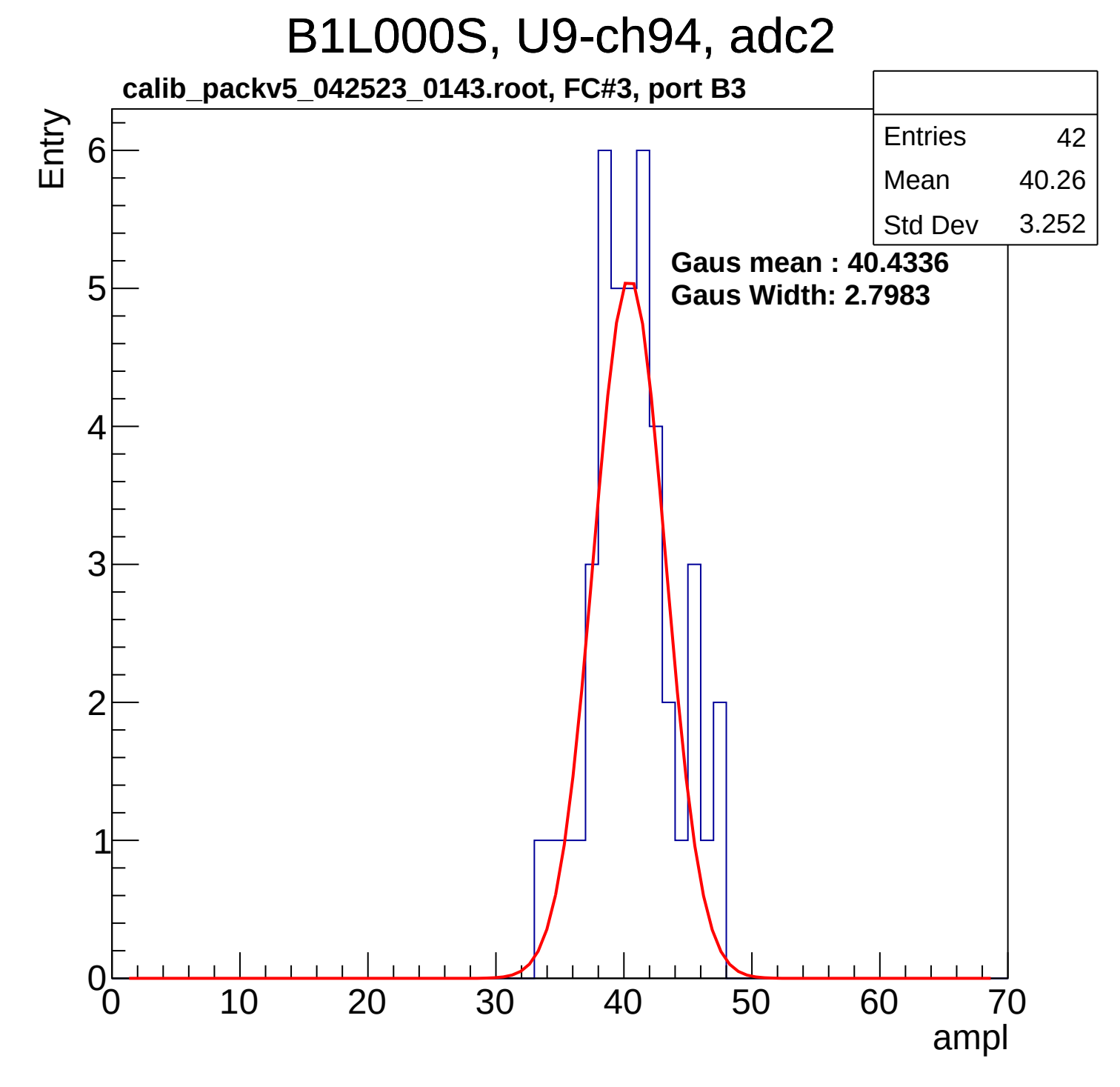
B1L000S, U9-ch94, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 40.26
Std Dev 3.252
Gaus mean : 40.4336
Gaus Width: 2.7983
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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40
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60
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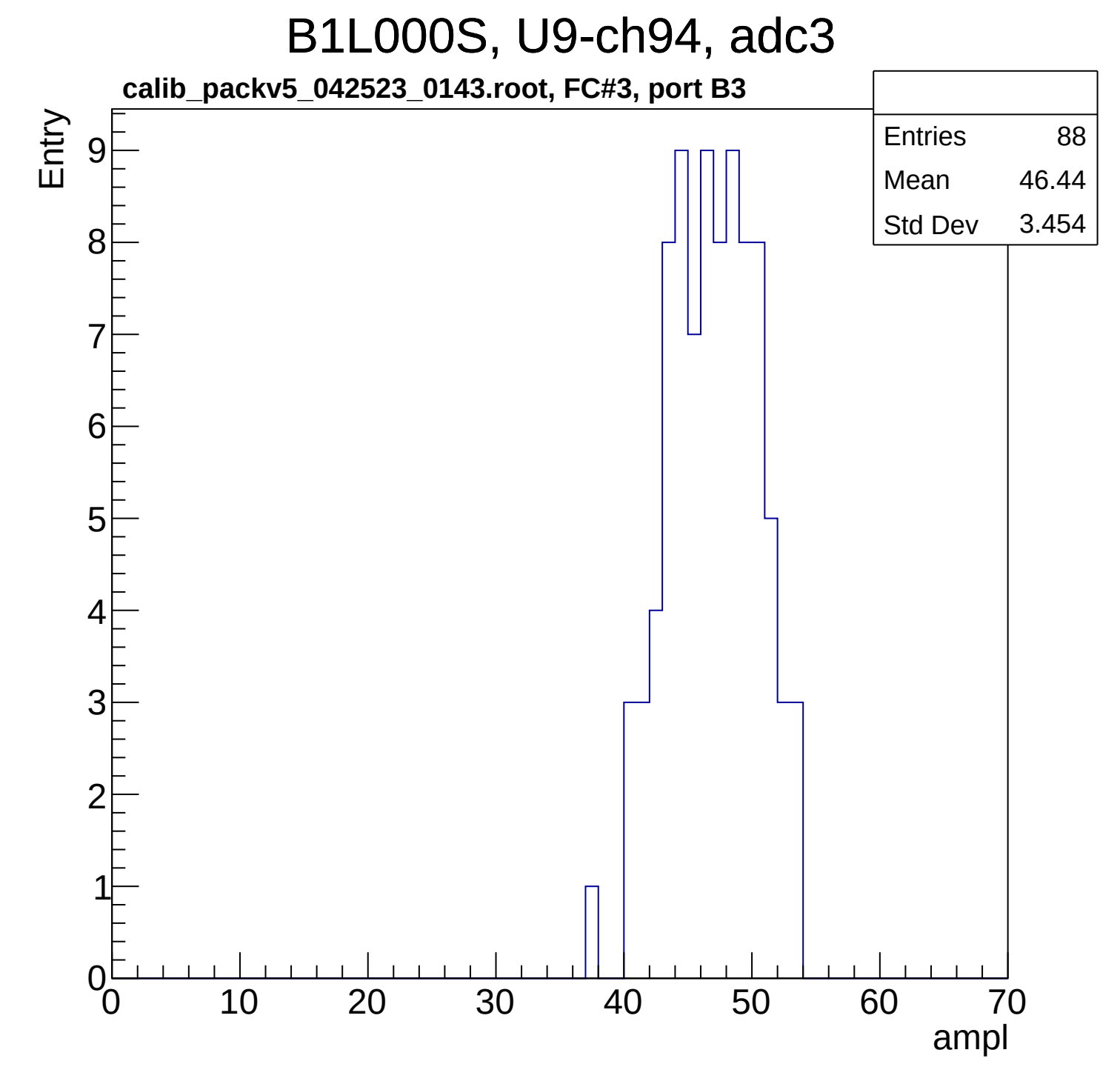
B1L000S, U9-ch94, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 88
Mean 46.44
Std Dev 3.454
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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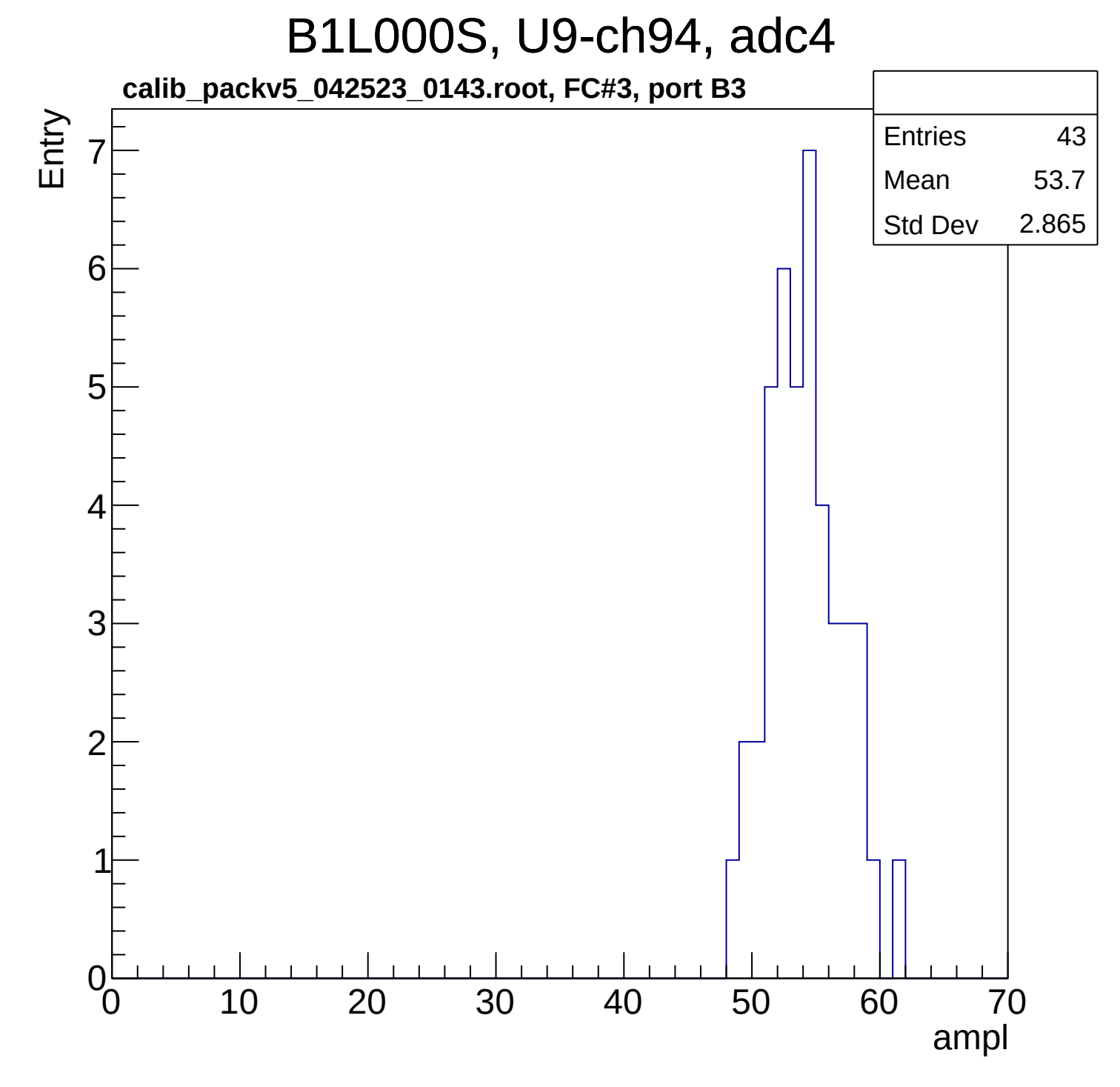
B1L000S, U9-ch94, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 53.7
Std Dev 2.865
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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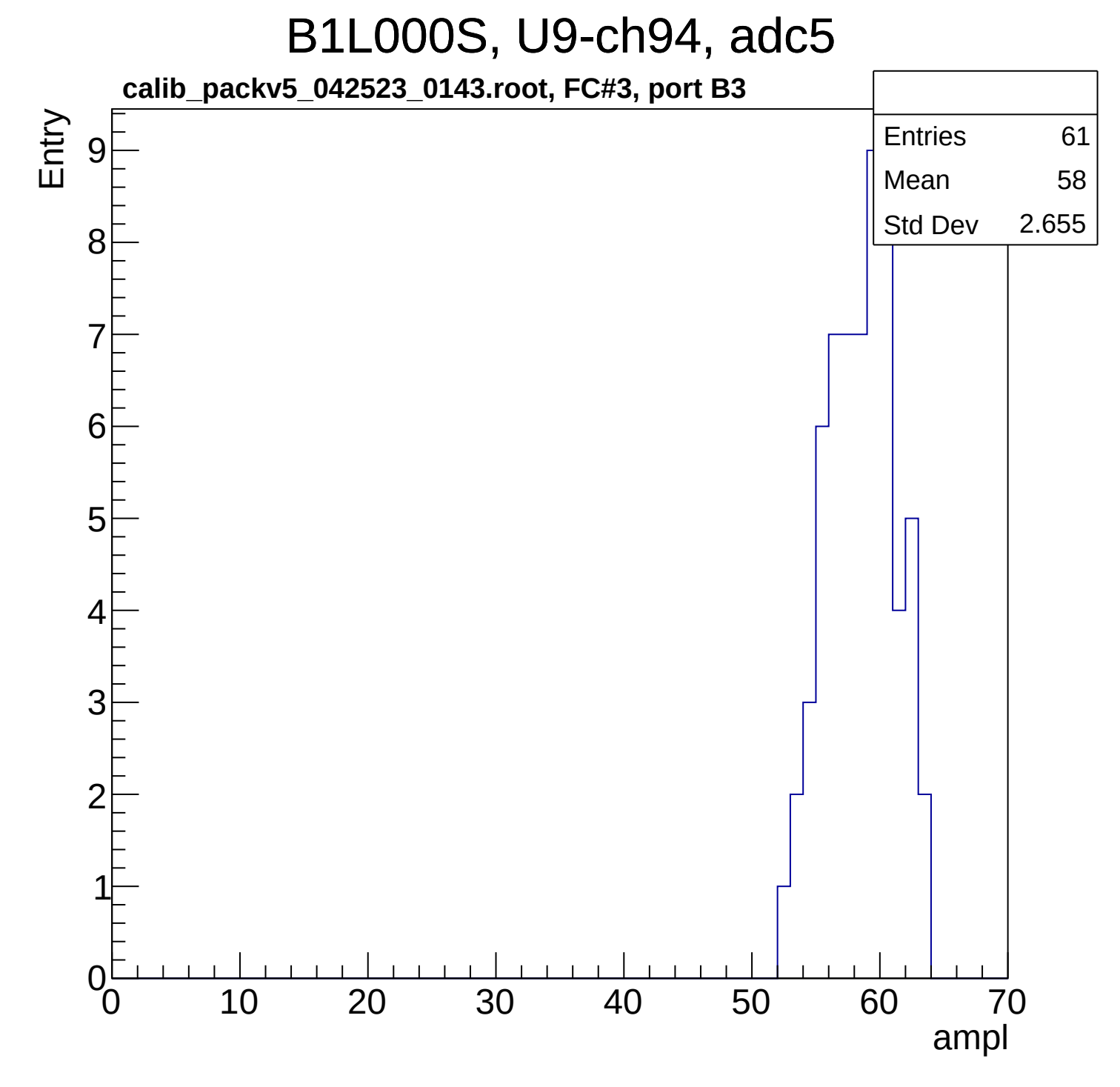
B1L000S, U9-ch94, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58
Std Dev 2.655
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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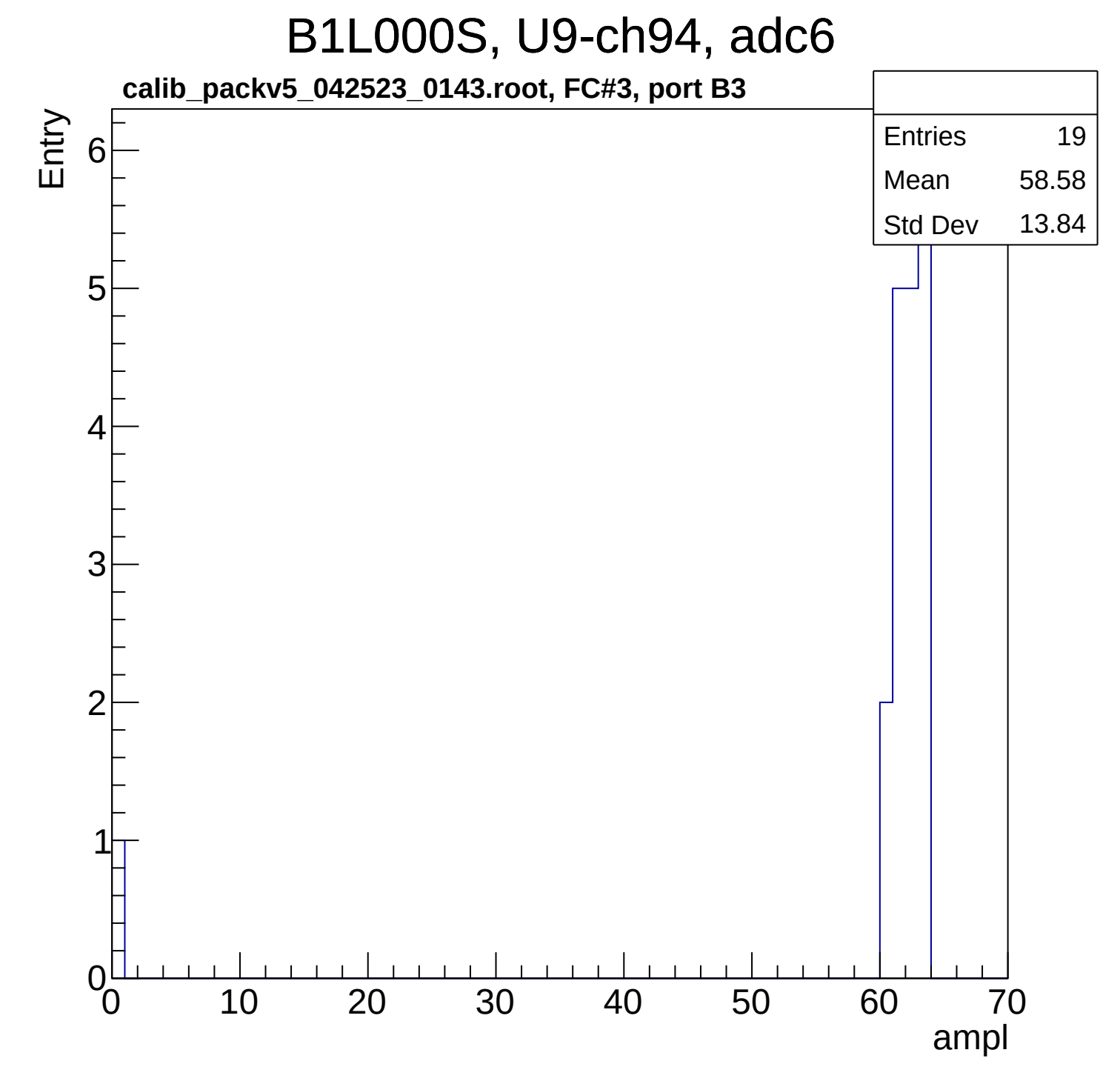
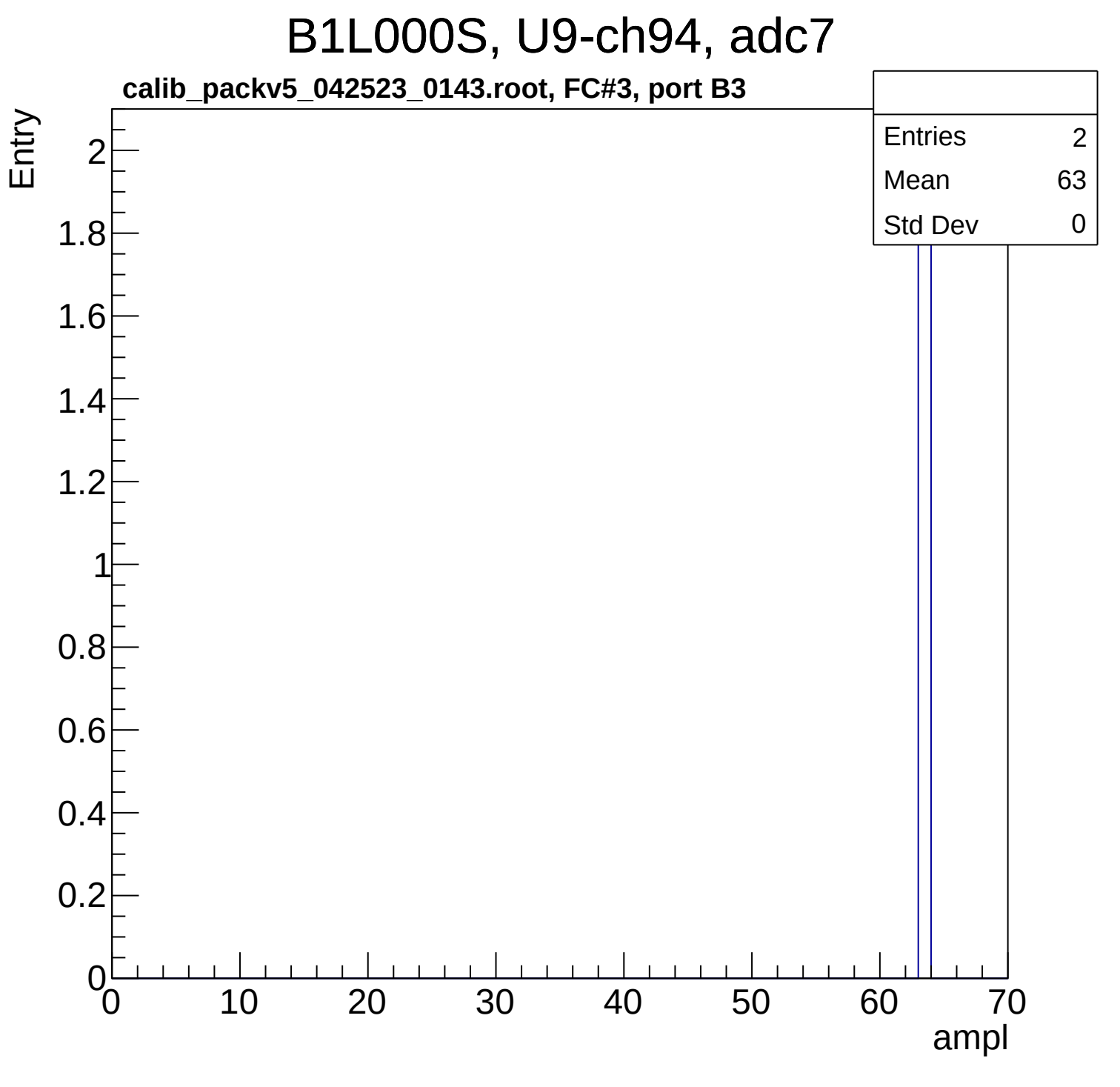
40
50
60
70


B1L000S, U9-ch94, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.58
Std Dev 13.84
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch94, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
10
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40
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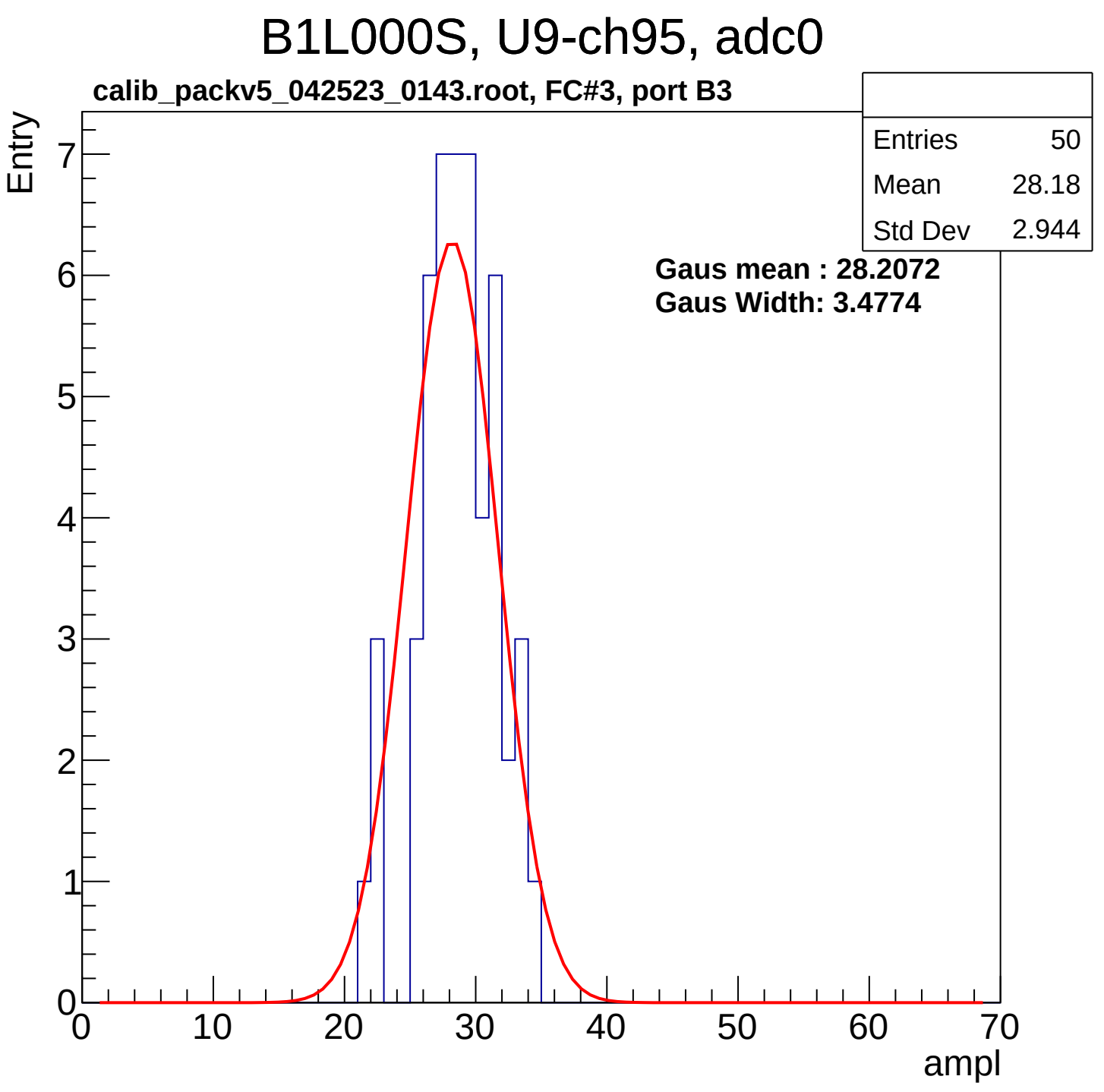
60
70


B1L000S, U9-ch95, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 28.18
Std Dev 2.944
Gaus mean : 28.2072
Gaus Width: 3.4774
Entry
ampl
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1
2
3
4
5
6
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0
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60
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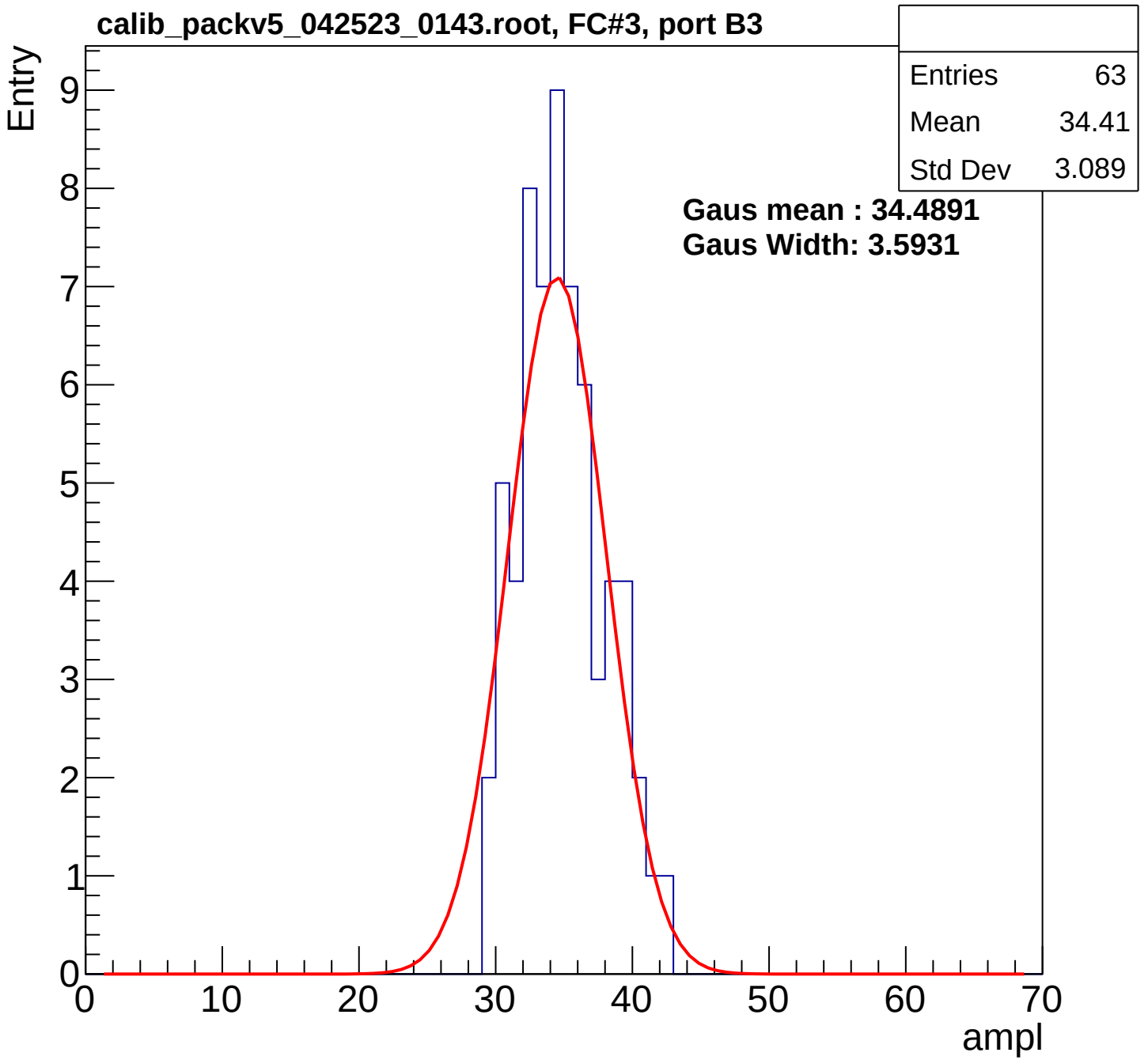
B1L000S, U9-ch95, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 34.41
Std Dev 3.089
Gaus mean : 34.4891
Gaus Width: 3.5931
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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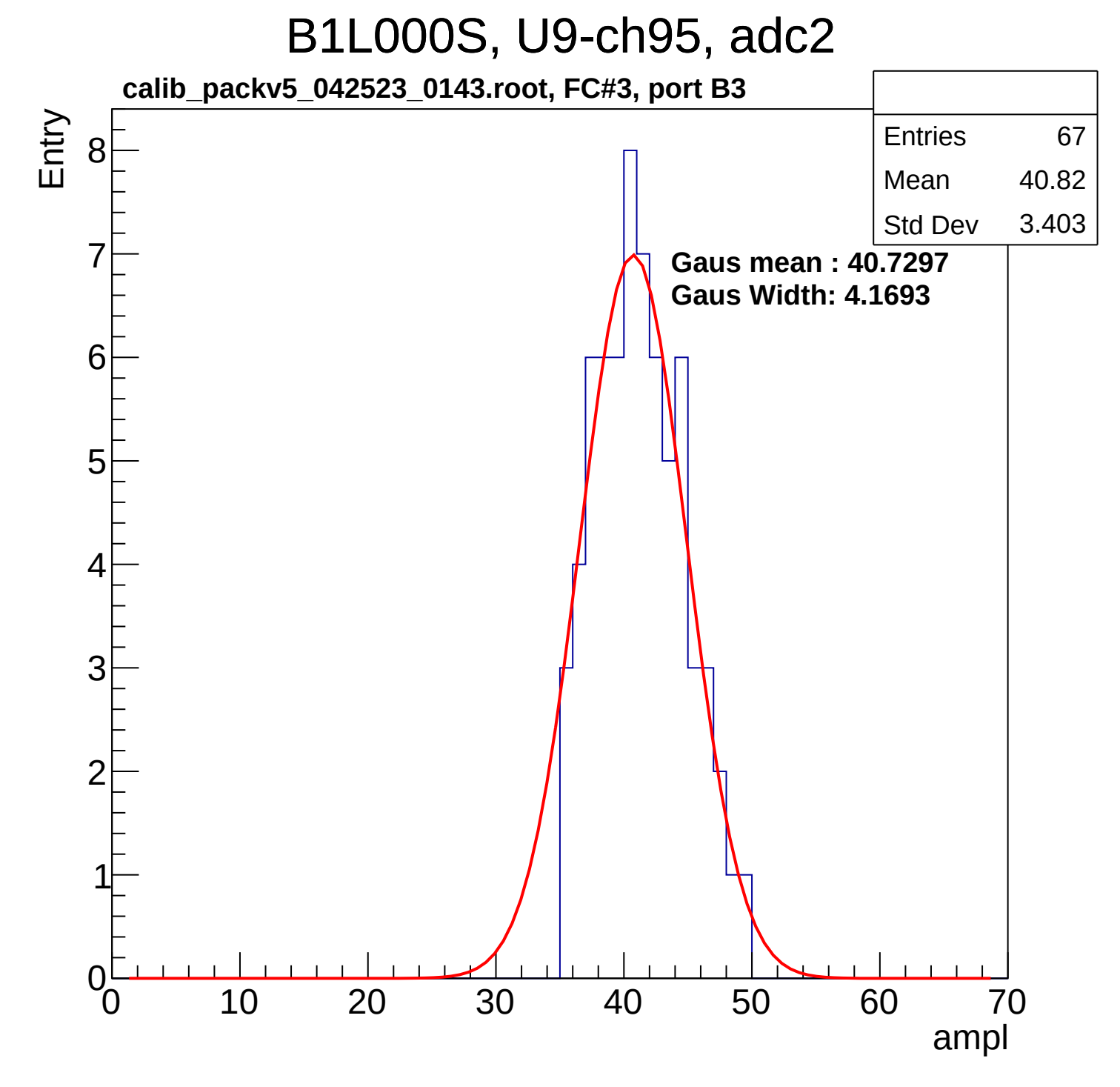
B1L000S, U9-ch95, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 40.82
Std Dev 3.403
Gaus mean : 40.7297
Gaus Width: 4.1693
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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60
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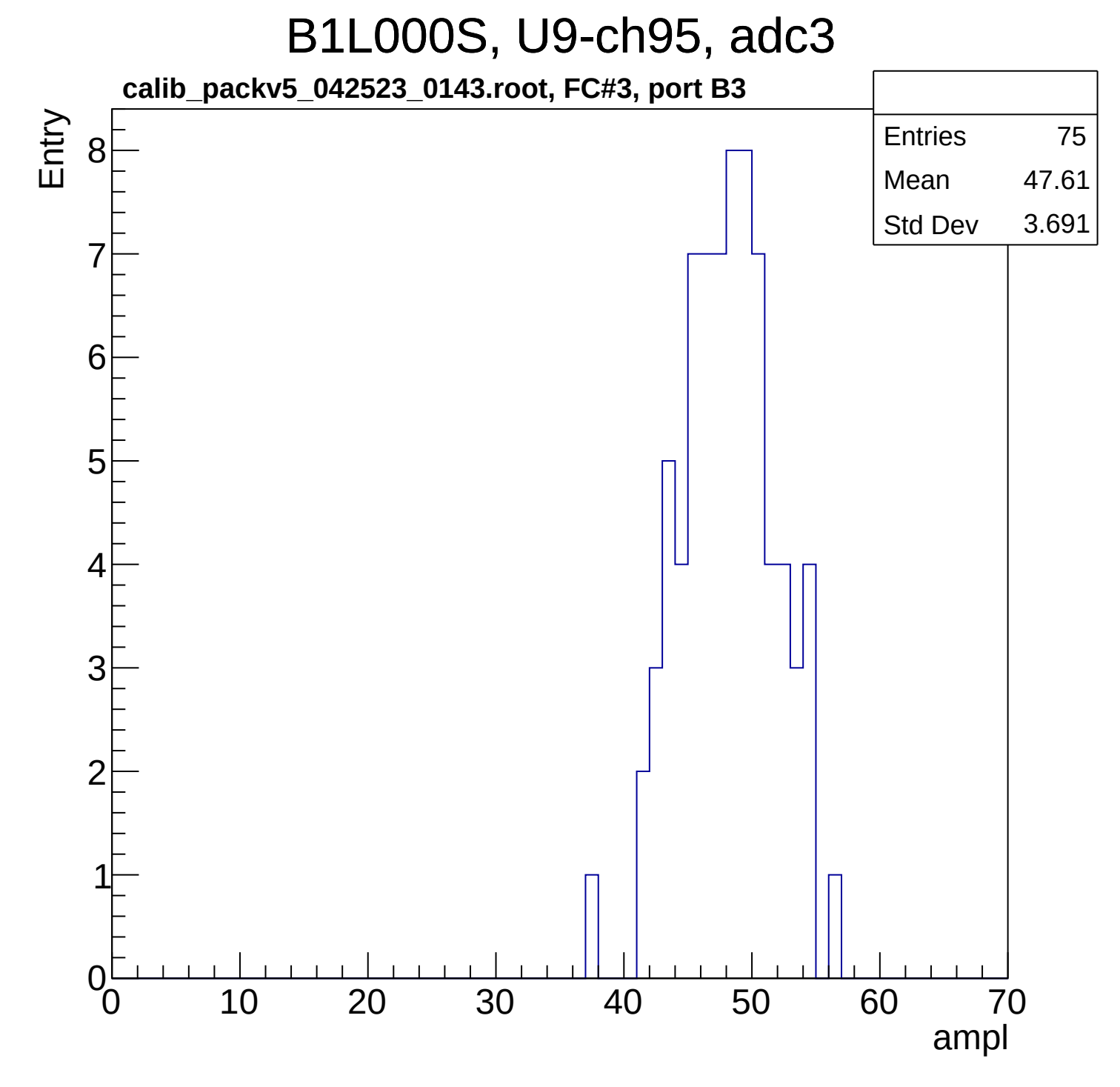
B1L000S, U9-ch95, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.61
Std Dev 3.691
Entry
ampl
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3
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5
6
7
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0
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60
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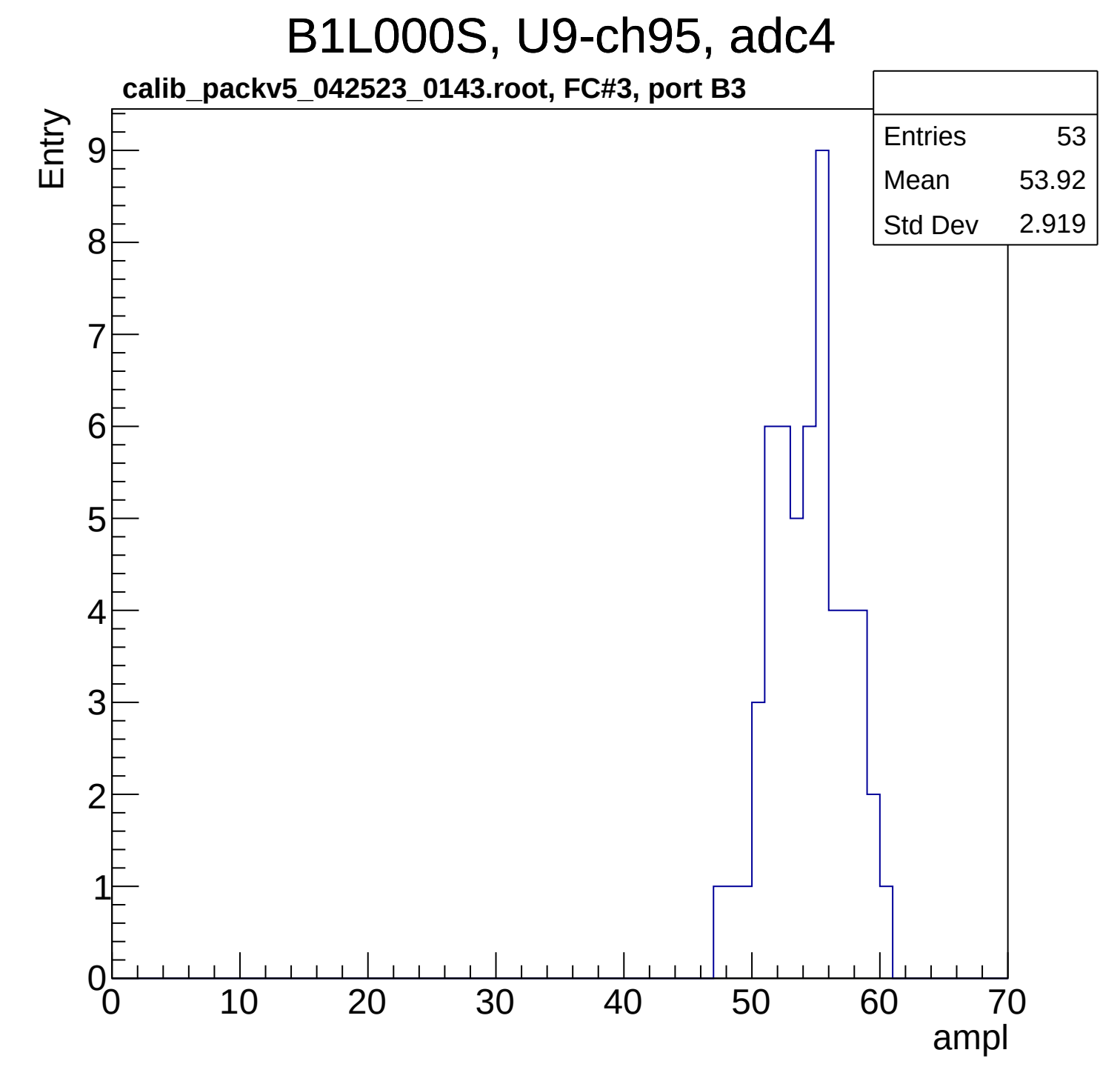
B1L000S, U9-ch95, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.92
Std Dev 2.919
Entry
ampl
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7
8
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0
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20
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40
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60
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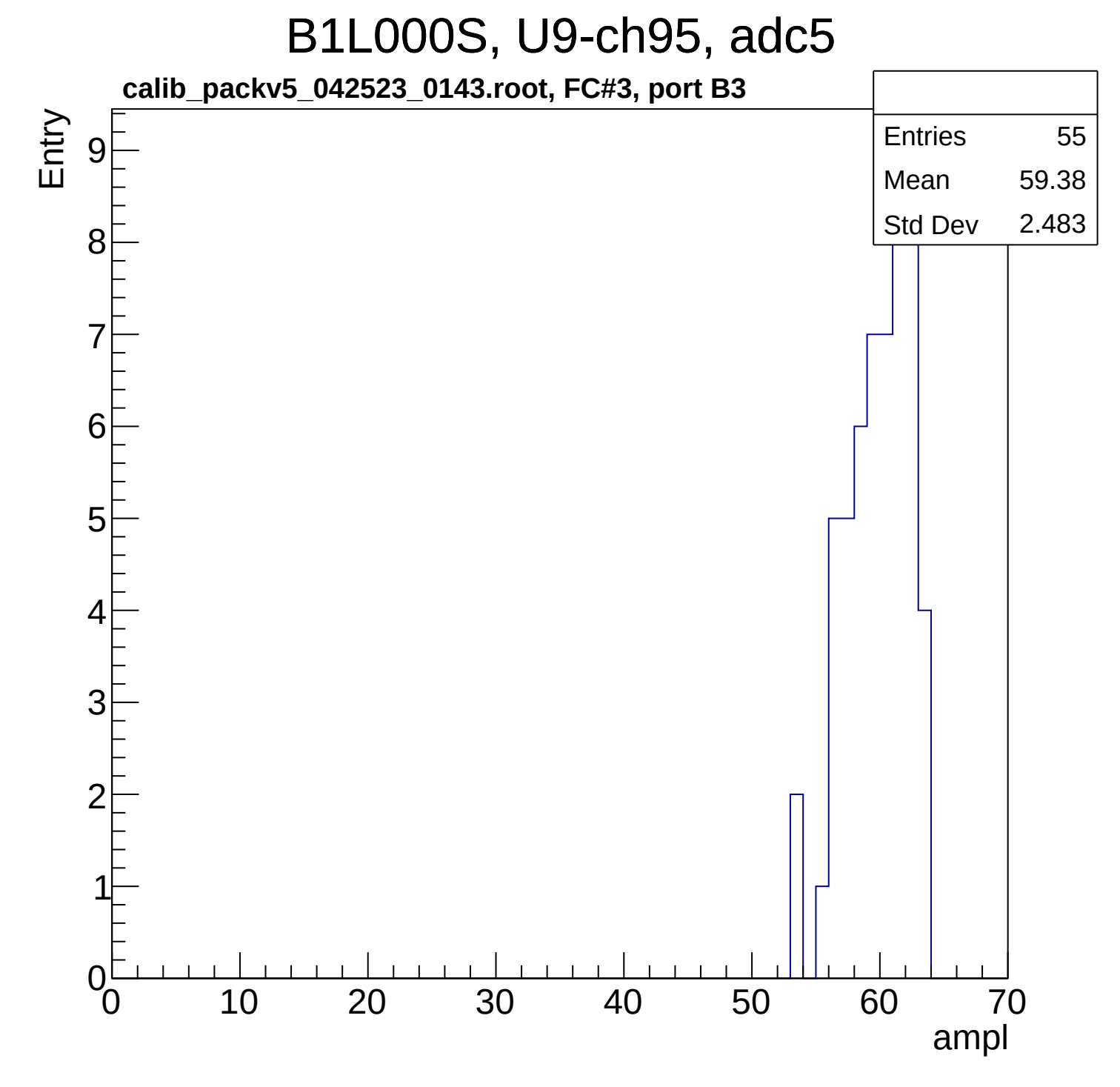
B1L000S, U9-ch95, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 59.38
Std Dev 2.483
Entry
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5
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7
8
9
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10
20
30
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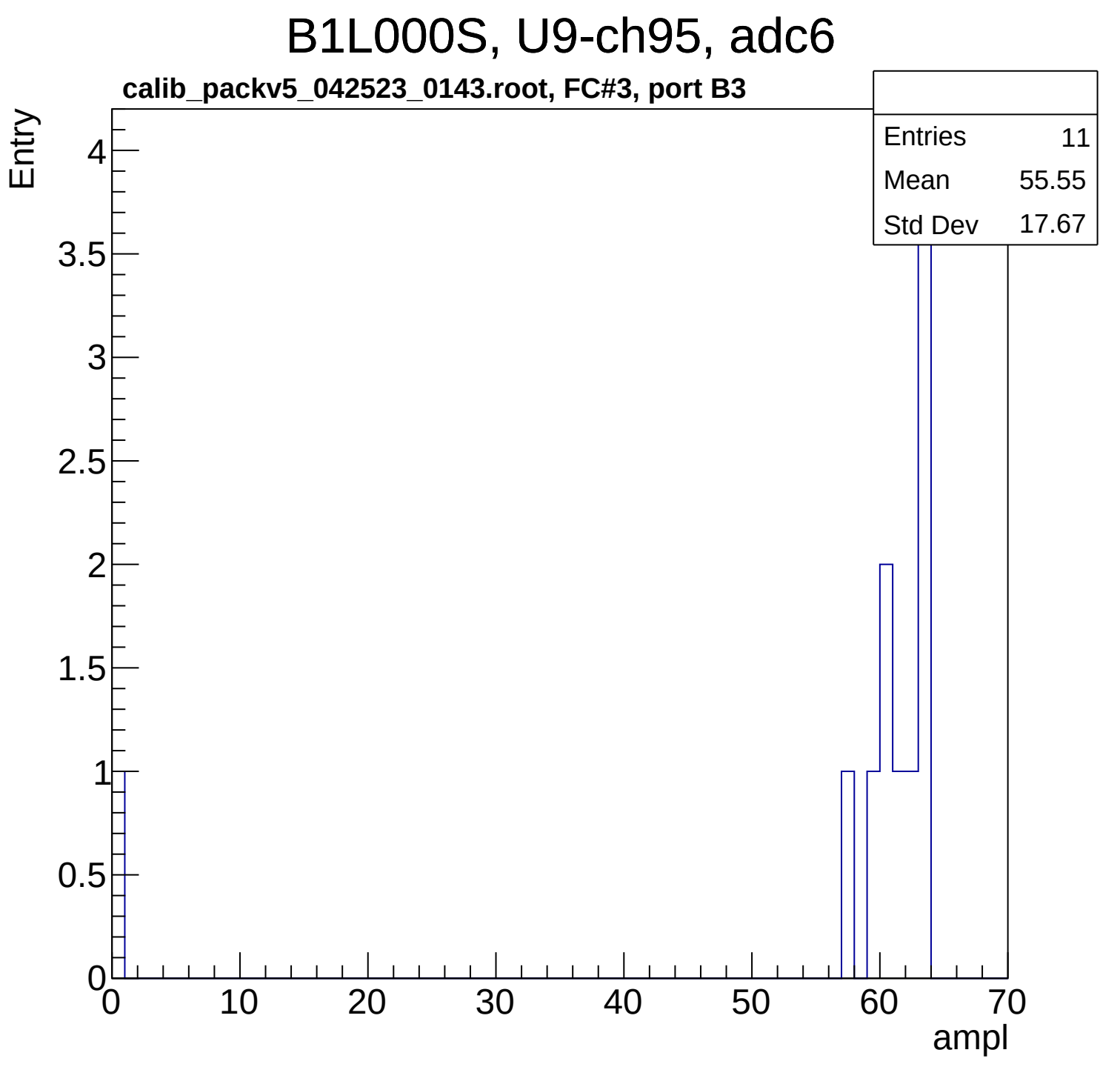
50
60
70
ampl


B1L000S, U9-ch95, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 55.55
Std Dev 17.67
Entry
ampl
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3.5
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60
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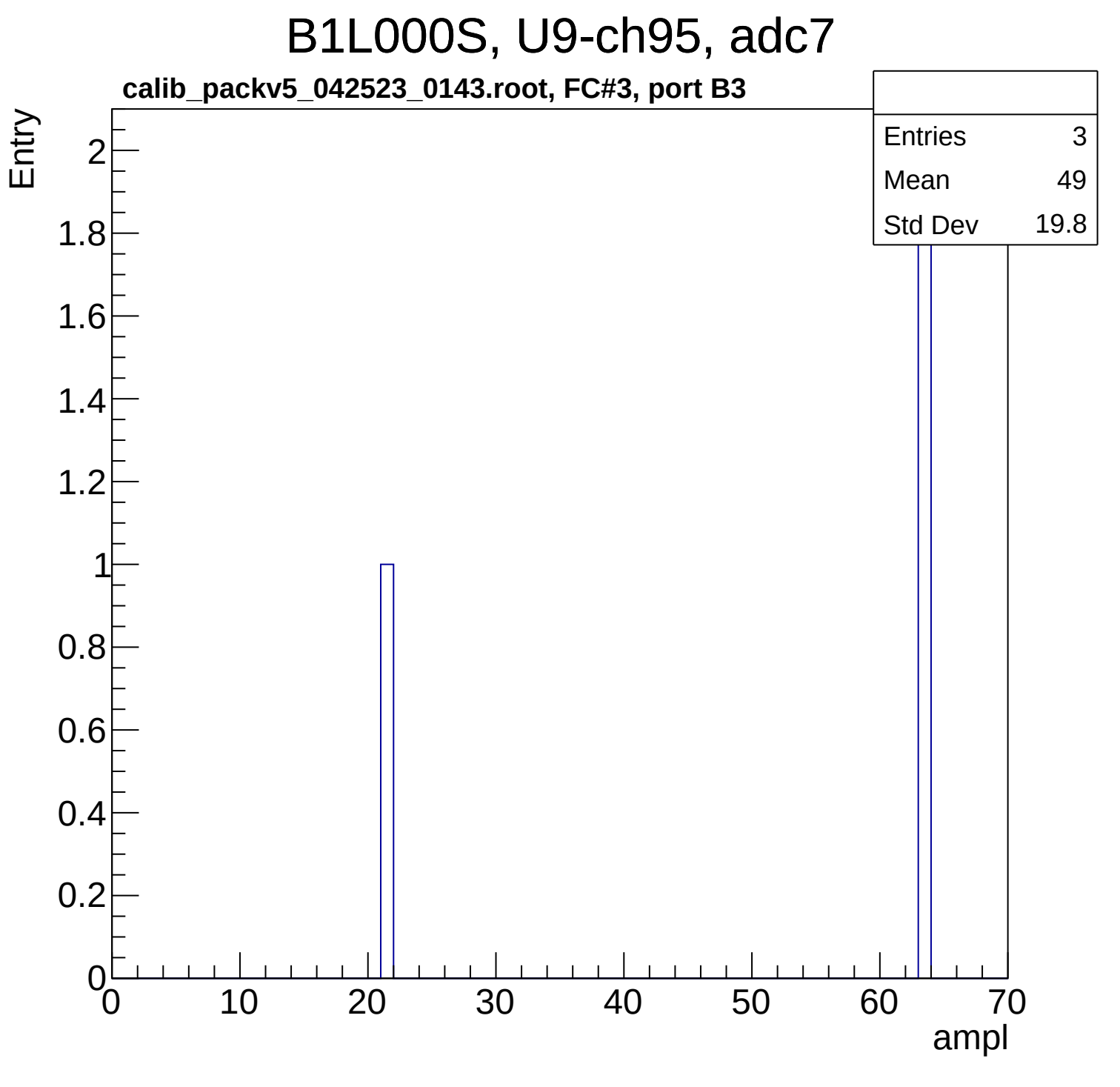
B1L000S, U9-ch95, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 49
Std Dev 19.8
Entry
ampl
0
0.2
0.4
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1.4
1.6
1.8
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60
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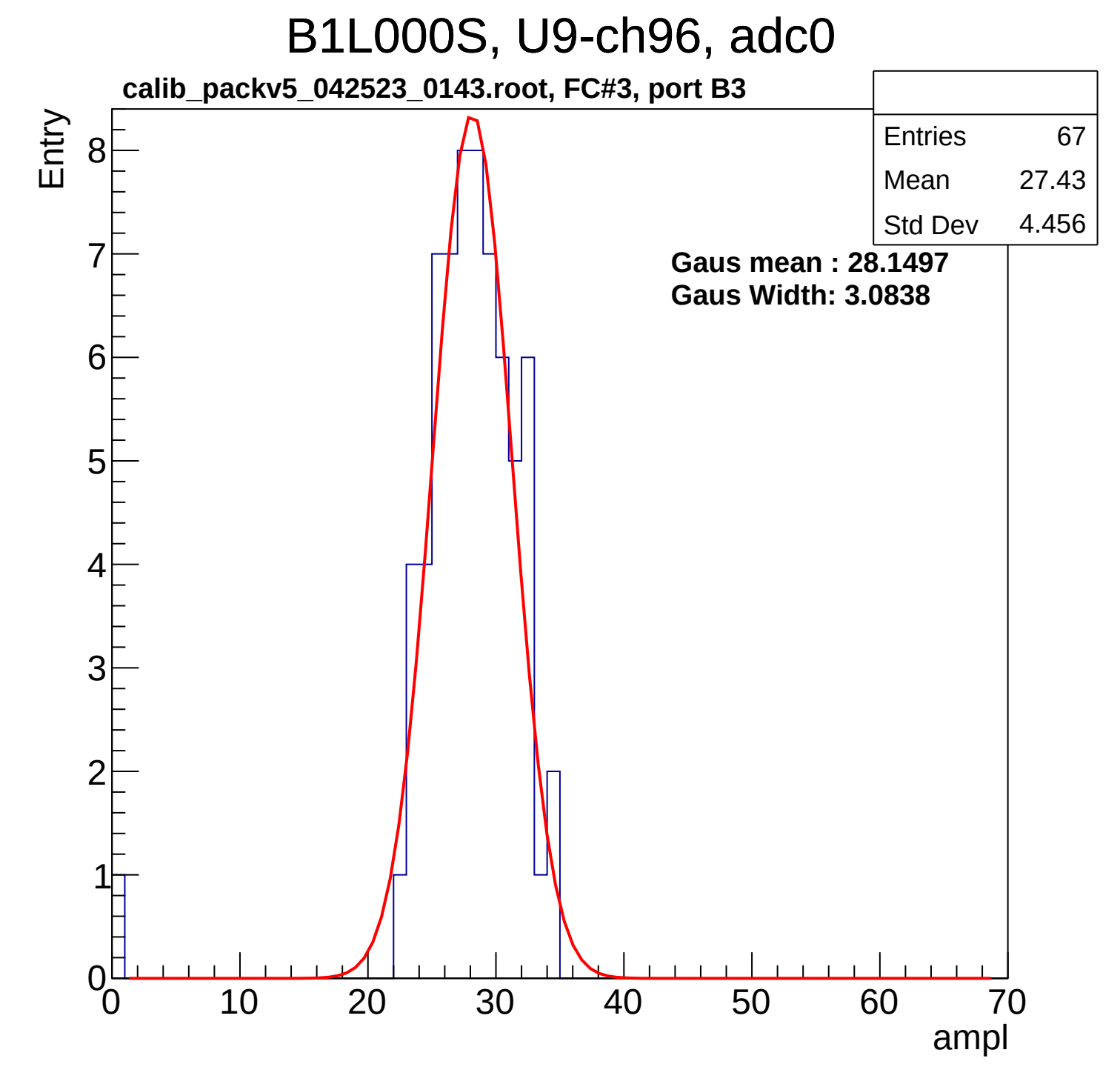
B1L000S, U9-ch96, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 27.43
Std Dev 4.456
Gaus mean : 28.1497
Gaus Width: 3.0838
Entry
ampl
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1
2
3
4
5
6
7
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0
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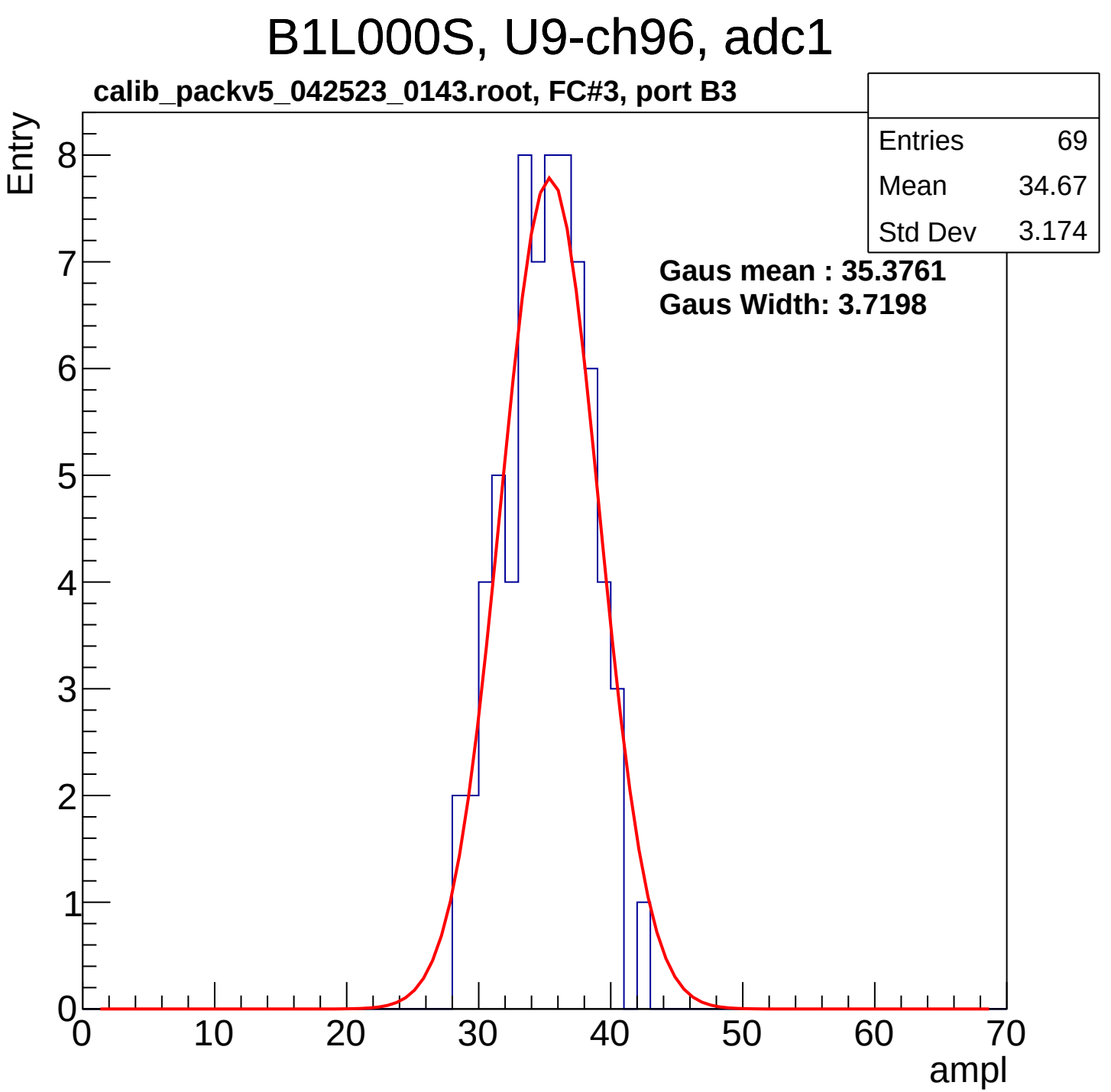
B1L000S, U9-ch96, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 34.67
Std Dev 3.174
Gaus mean : 35.3761
Gaus Width: 3.7198
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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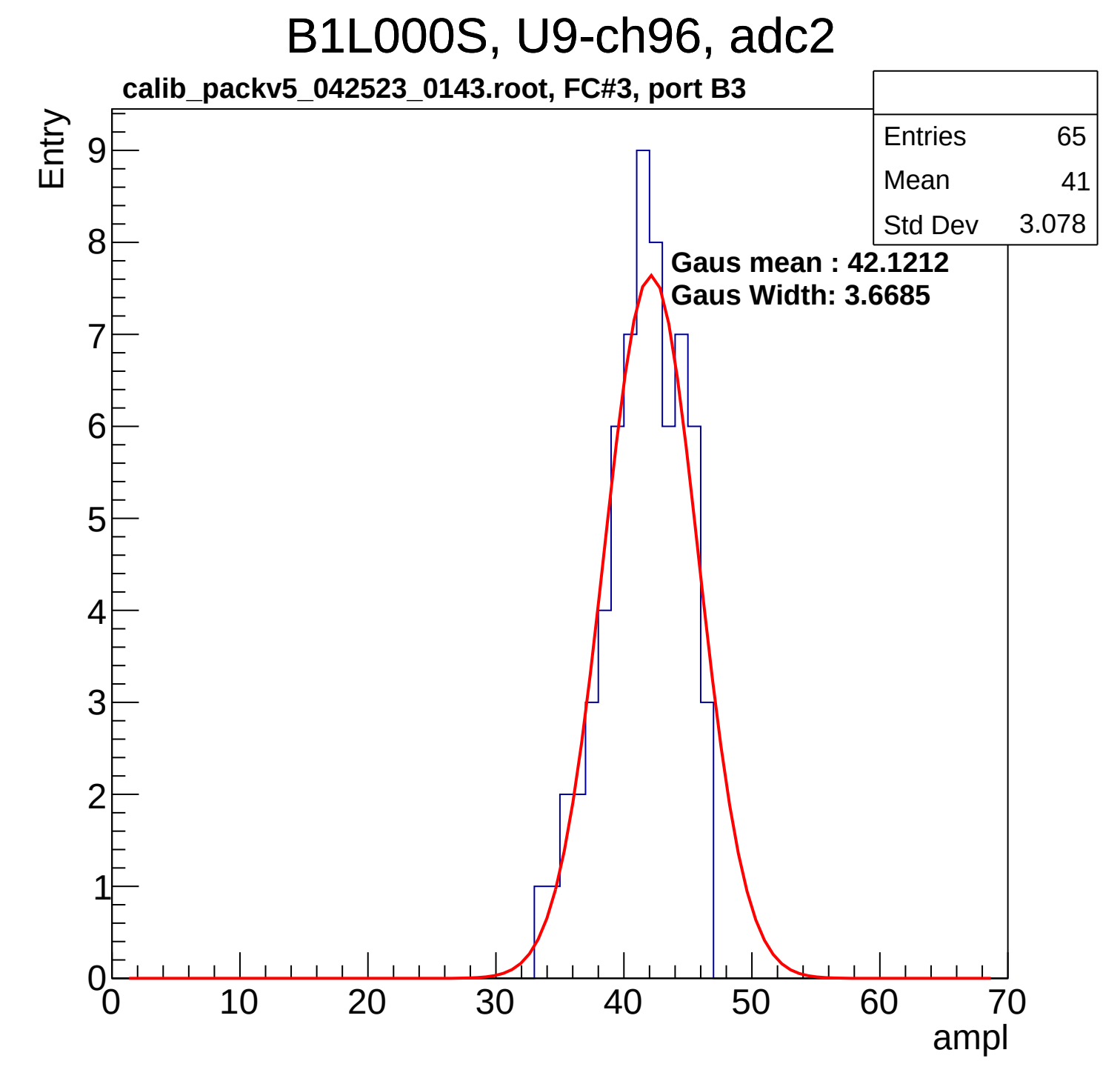
B1L000S, U9-ch96, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41
Std Dev 3.078
Gaus mean : 42.1212
Gaus Width: 3.6685
Entry
ampl
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3
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7
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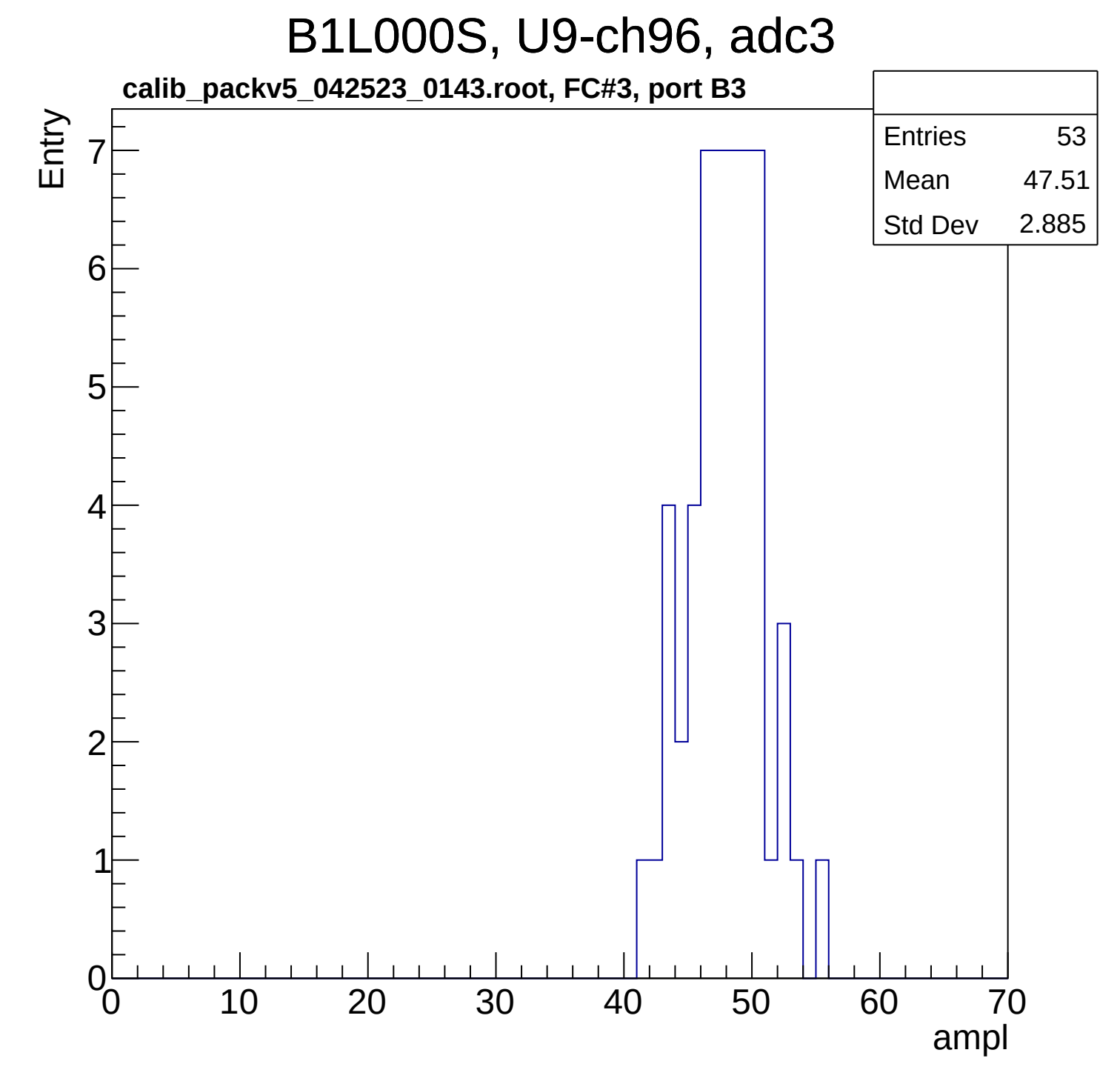
B1L000S, U9-ch96, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 47.51
Std Dev 2.885
Entry
ampl
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4
5
6
7
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10
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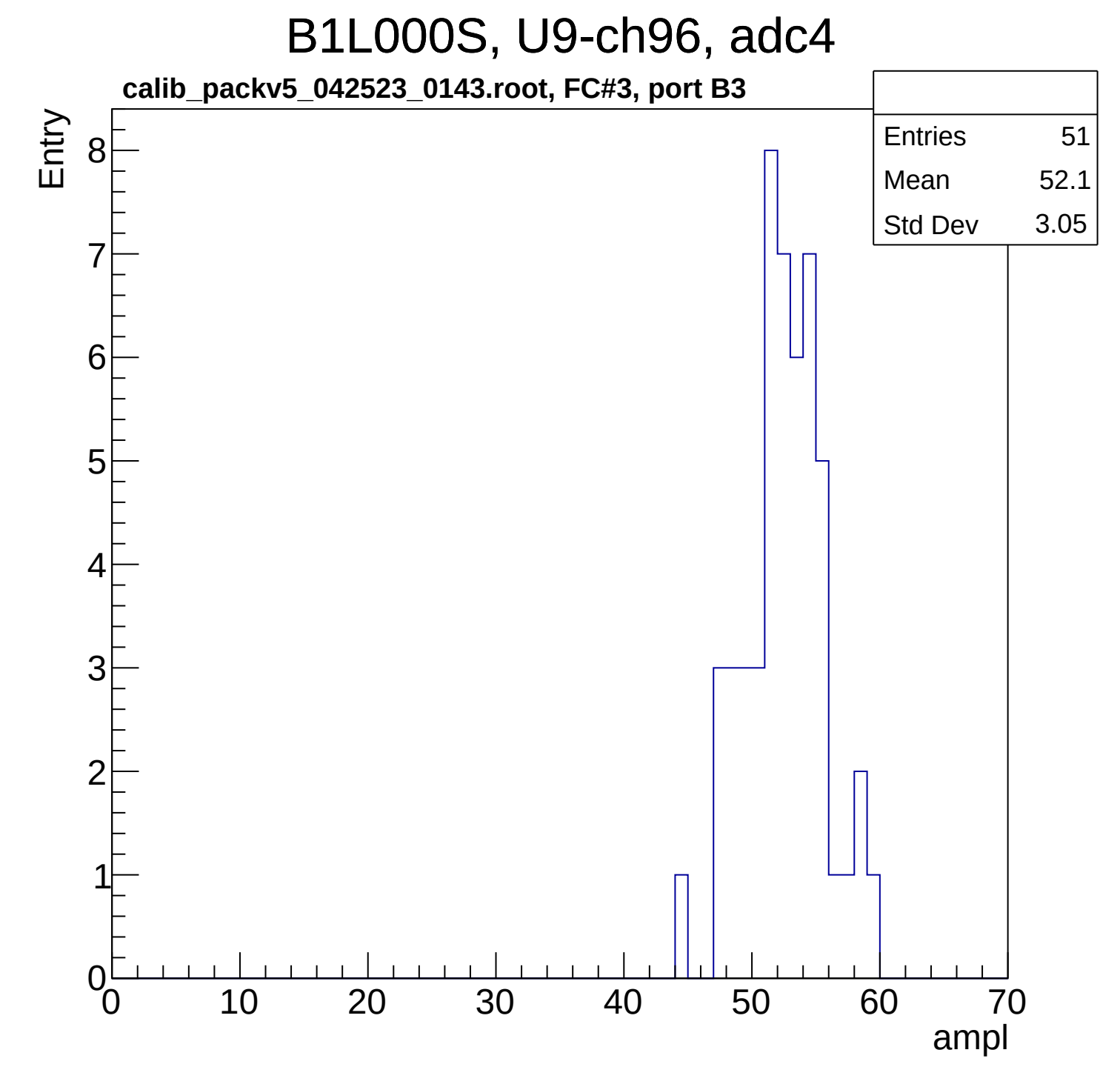
B1L000S, U9-ch96, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 52.1
Std Dev 3.05
Entry
ampl
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7
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20
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60
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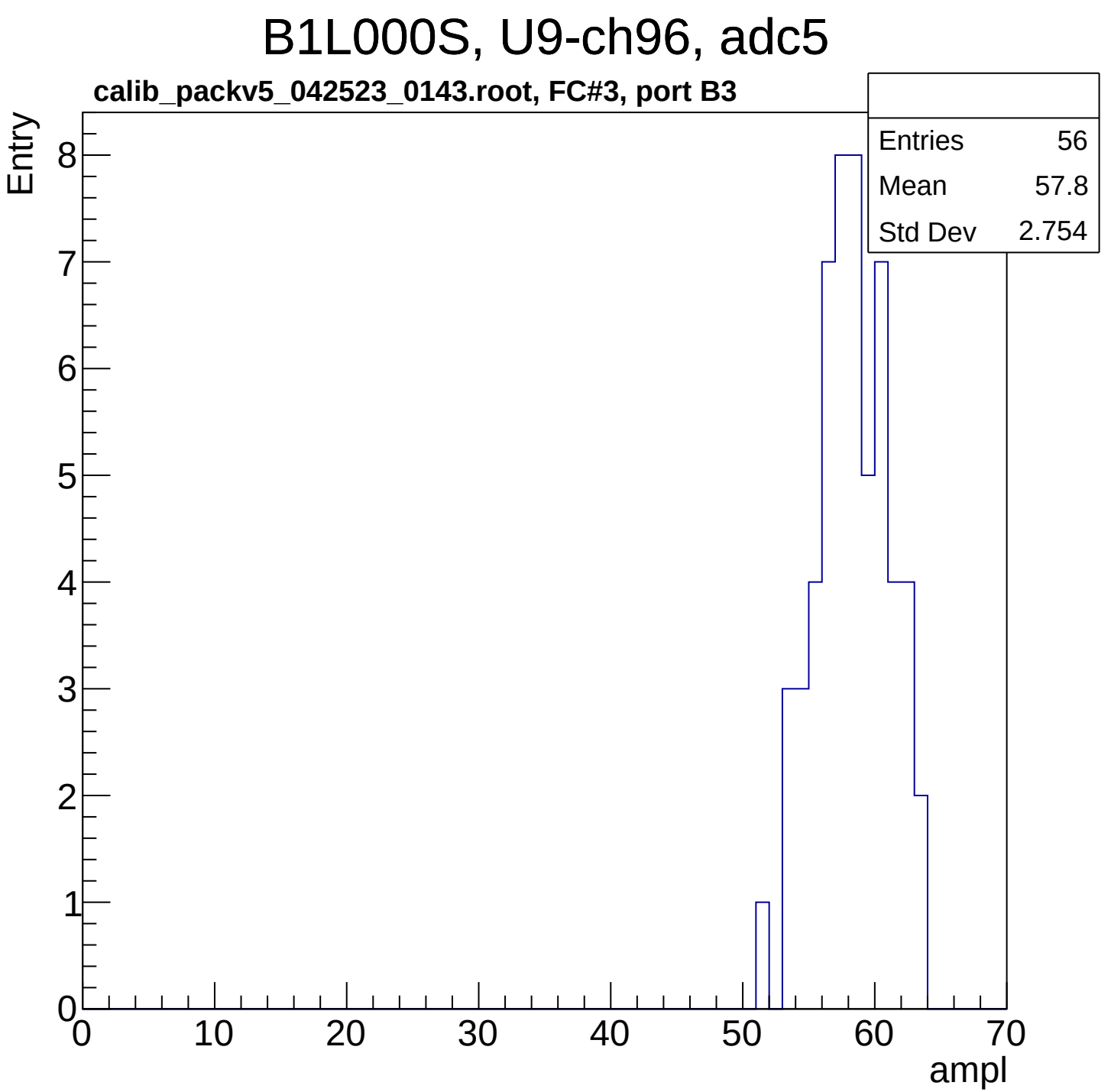
B1L000S, U9-ch96, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.8
Std Dev 2.754
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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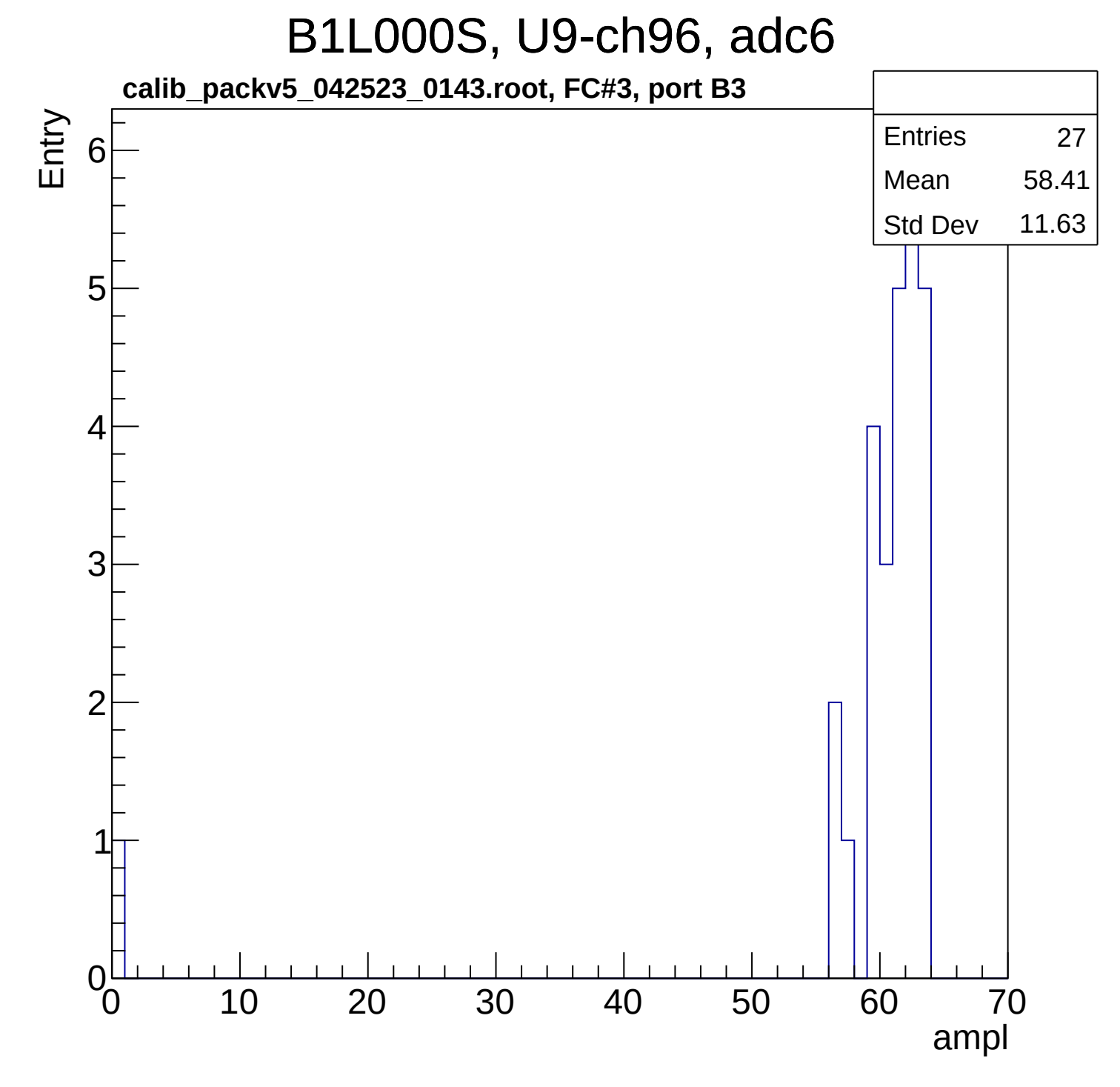
B1L000S, U9-ch96, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 27
Mean 58.41
Std Dev 11.63
Entry
0
1
2
3
4
5
6
0
10
20
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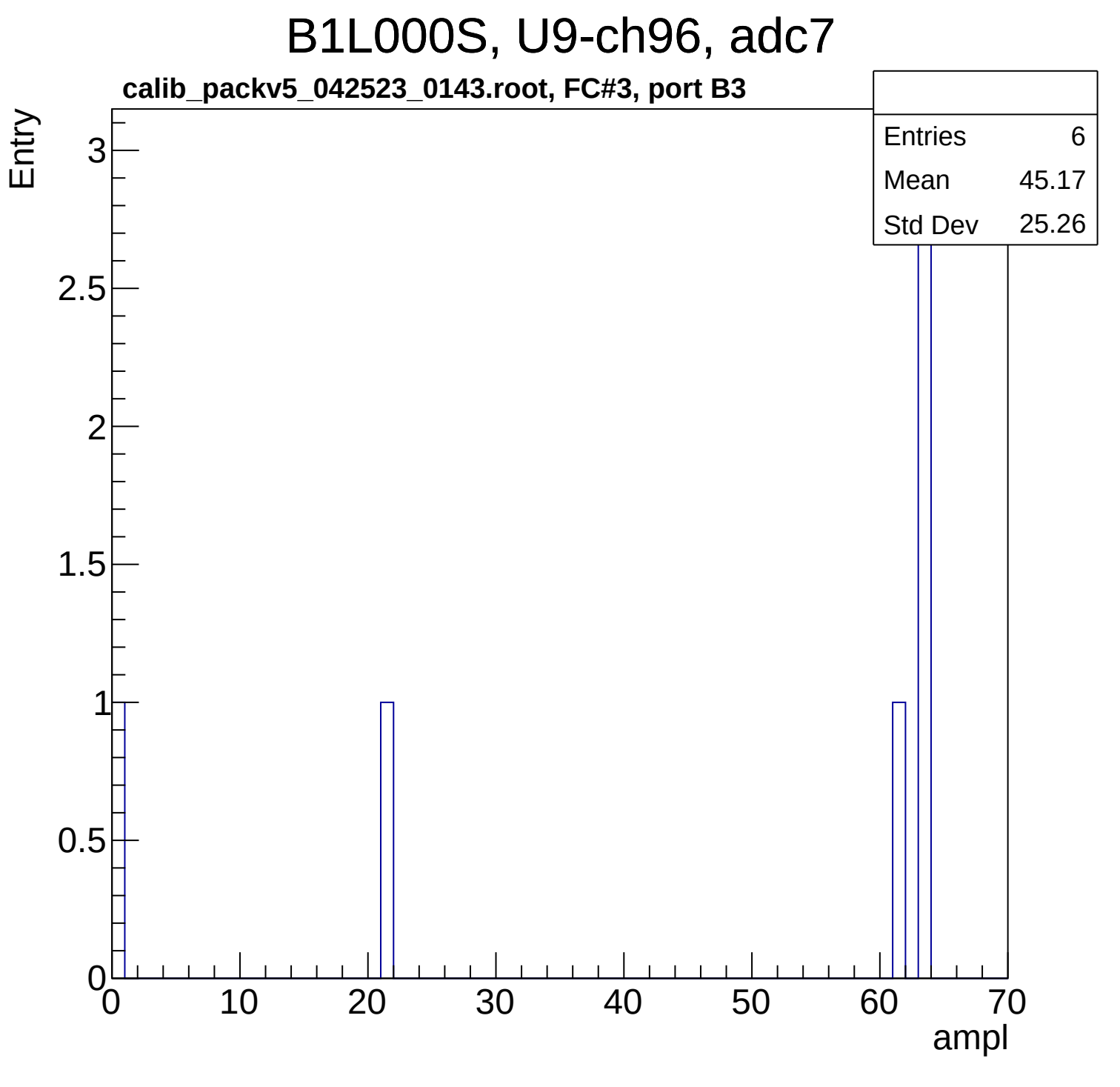
40
50
60
70
ampl


B1L000S, U9-ch96, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 45.17
Std Dev 25.26
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
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60
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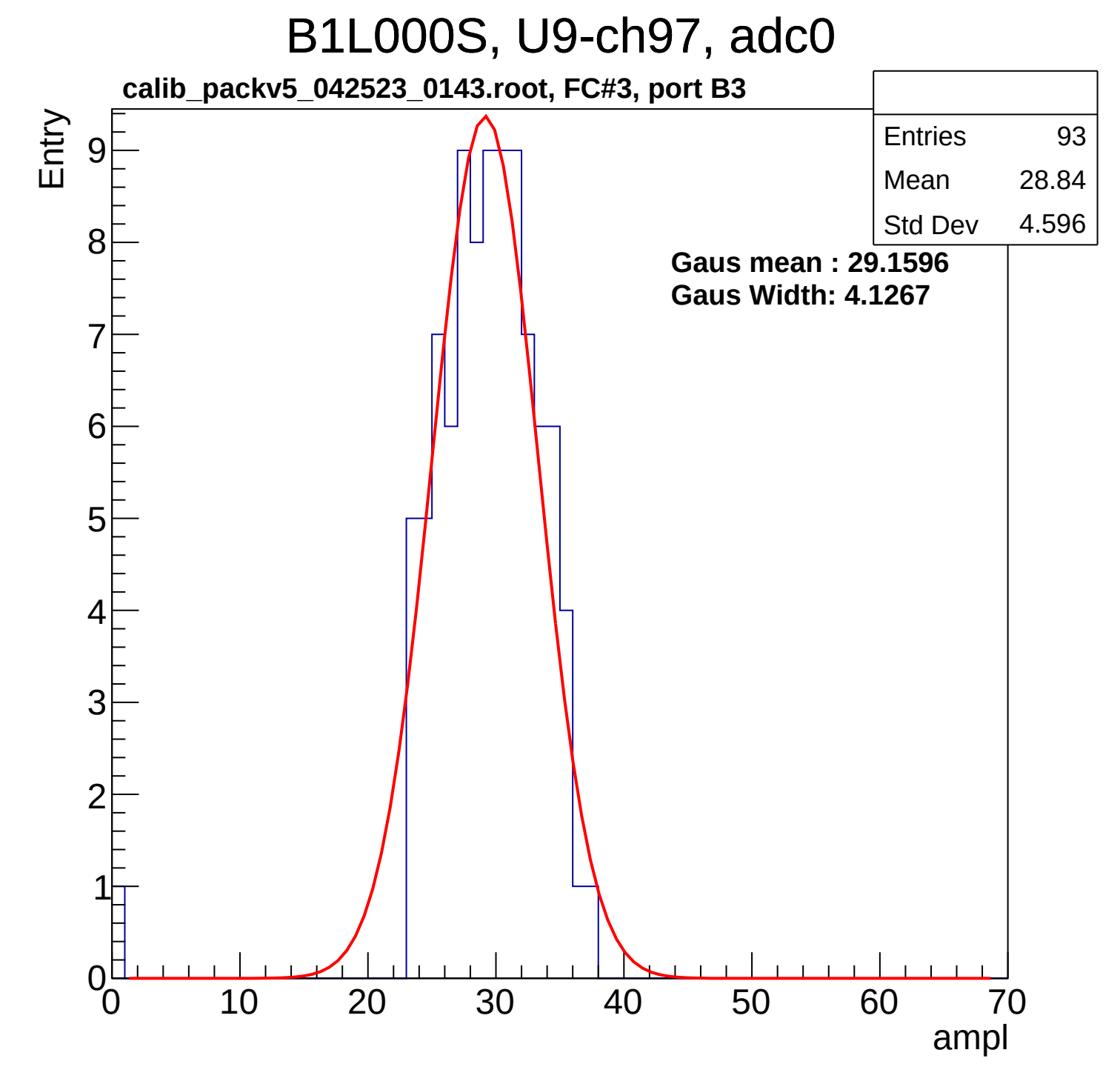
B1L000S, U9-ch97, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 93
Mean 28.84
Std Dev 4.596
Gaus mean : 29.1596
Gaus Width: 4.1267
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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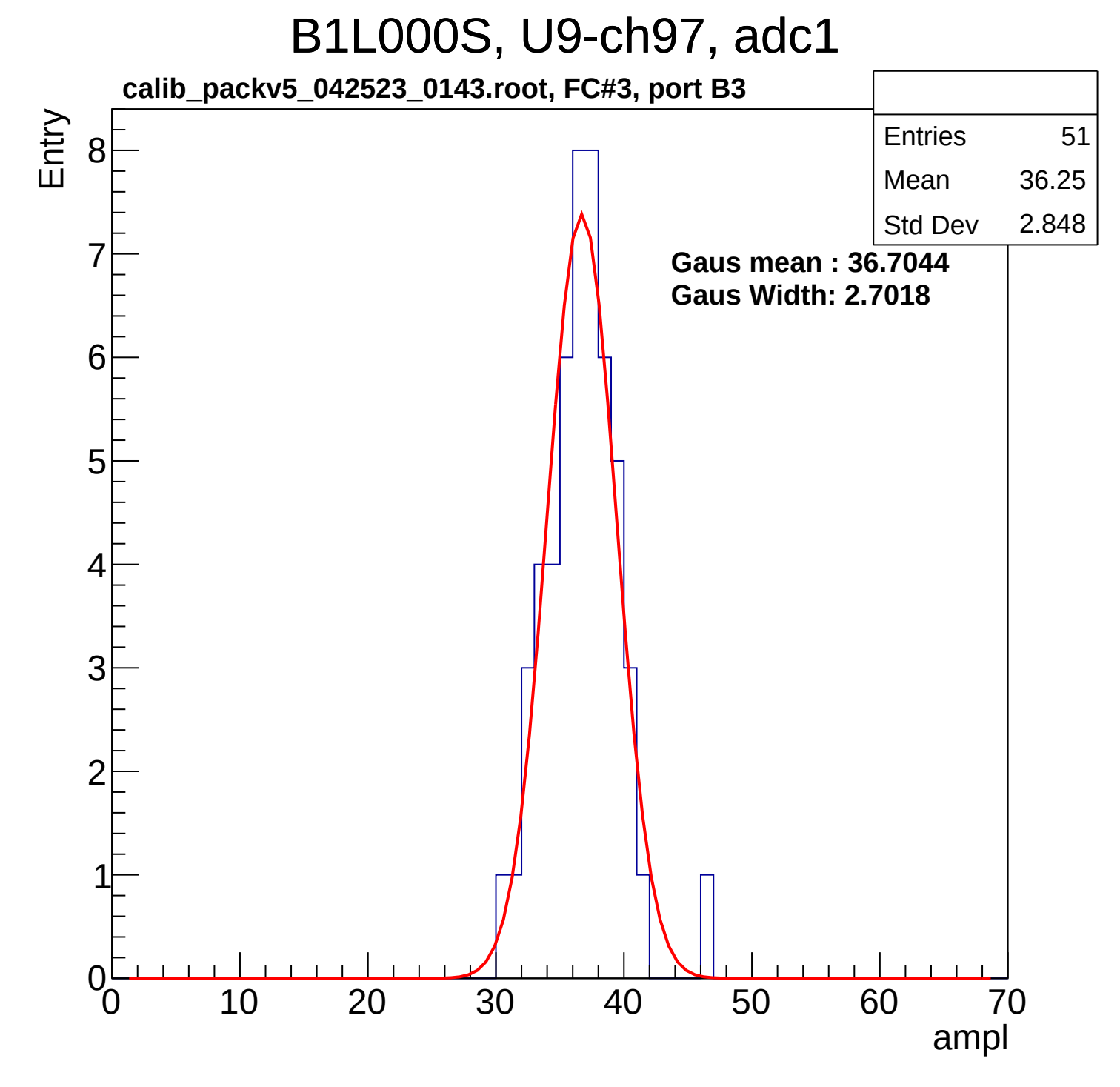
B1L000S, U9-ch97, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 36.25
Std Dev 2.848
Gaus mean : 36.7044
Gaus Width: 2.7018
Entry
ampl
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1
2
3
4
5
6
7
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0
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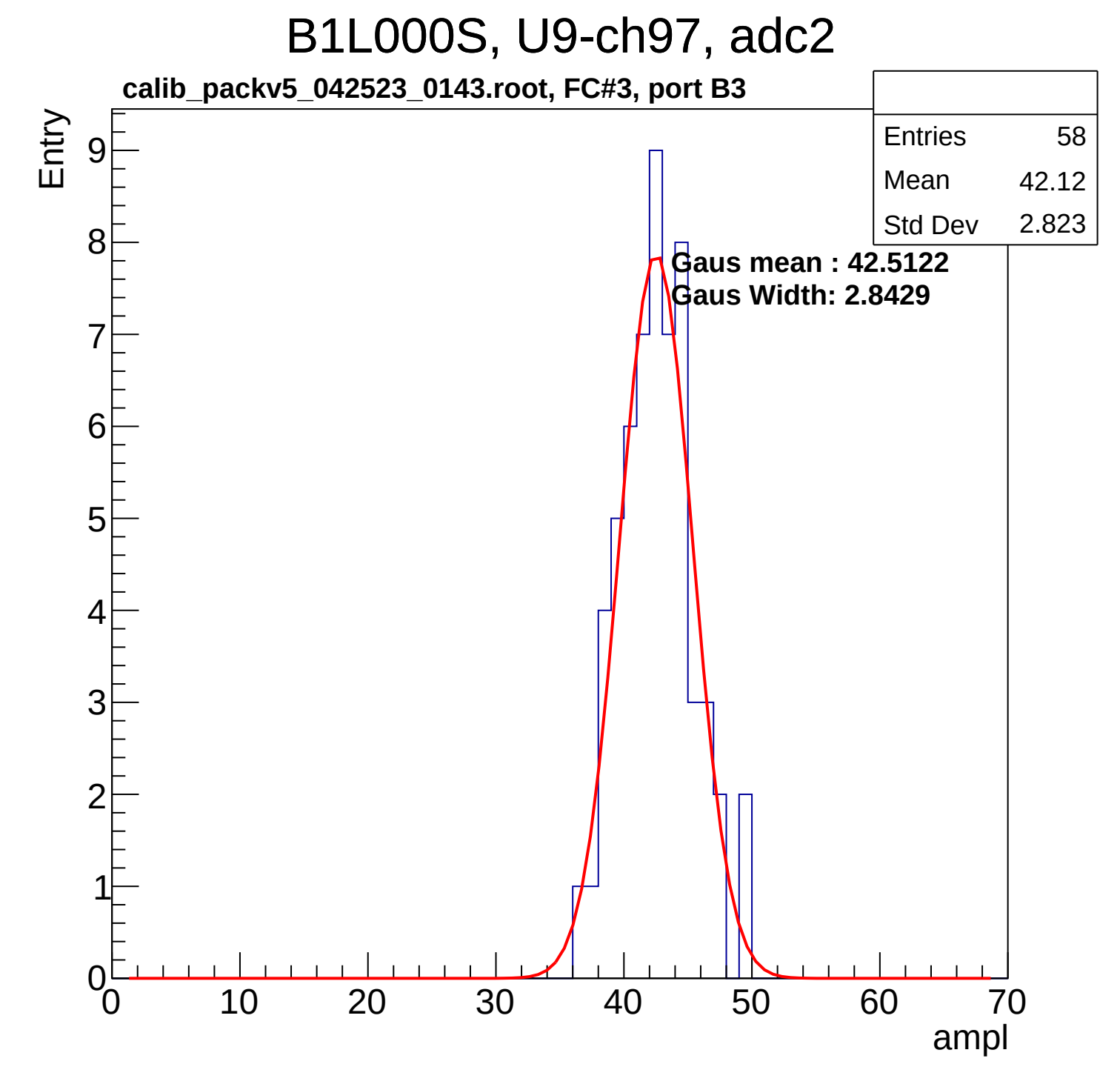
B1L000S, U9-ch97, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.12
Std Dev 2.823
Gaus mean : 42.5122
Gaus Width: 2.8429
Entry
ampl
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2
3
4
5
6
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0
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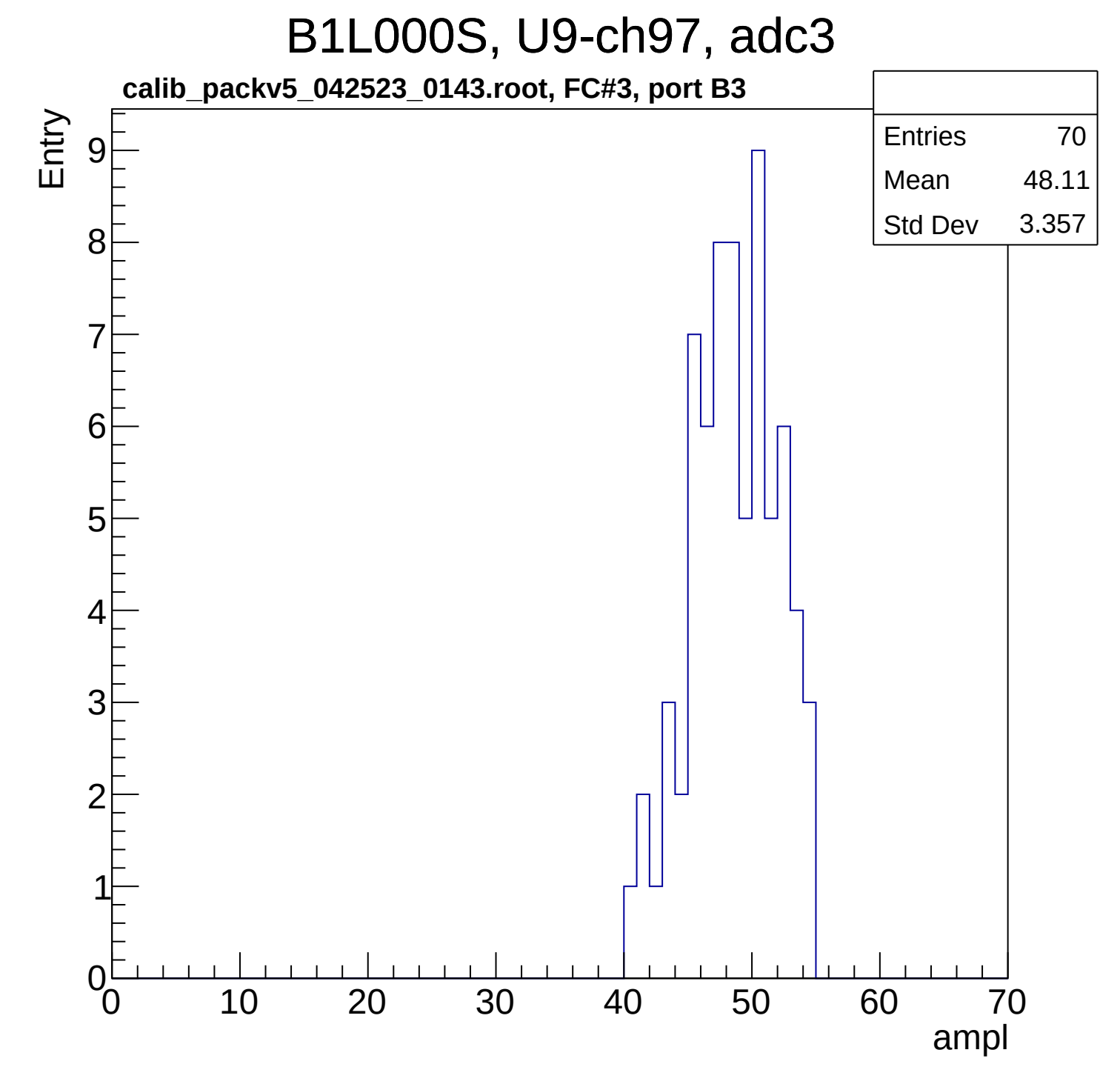
B1L000S, U9-ch97, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 48.11
Std Dev 3.357
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
50
60
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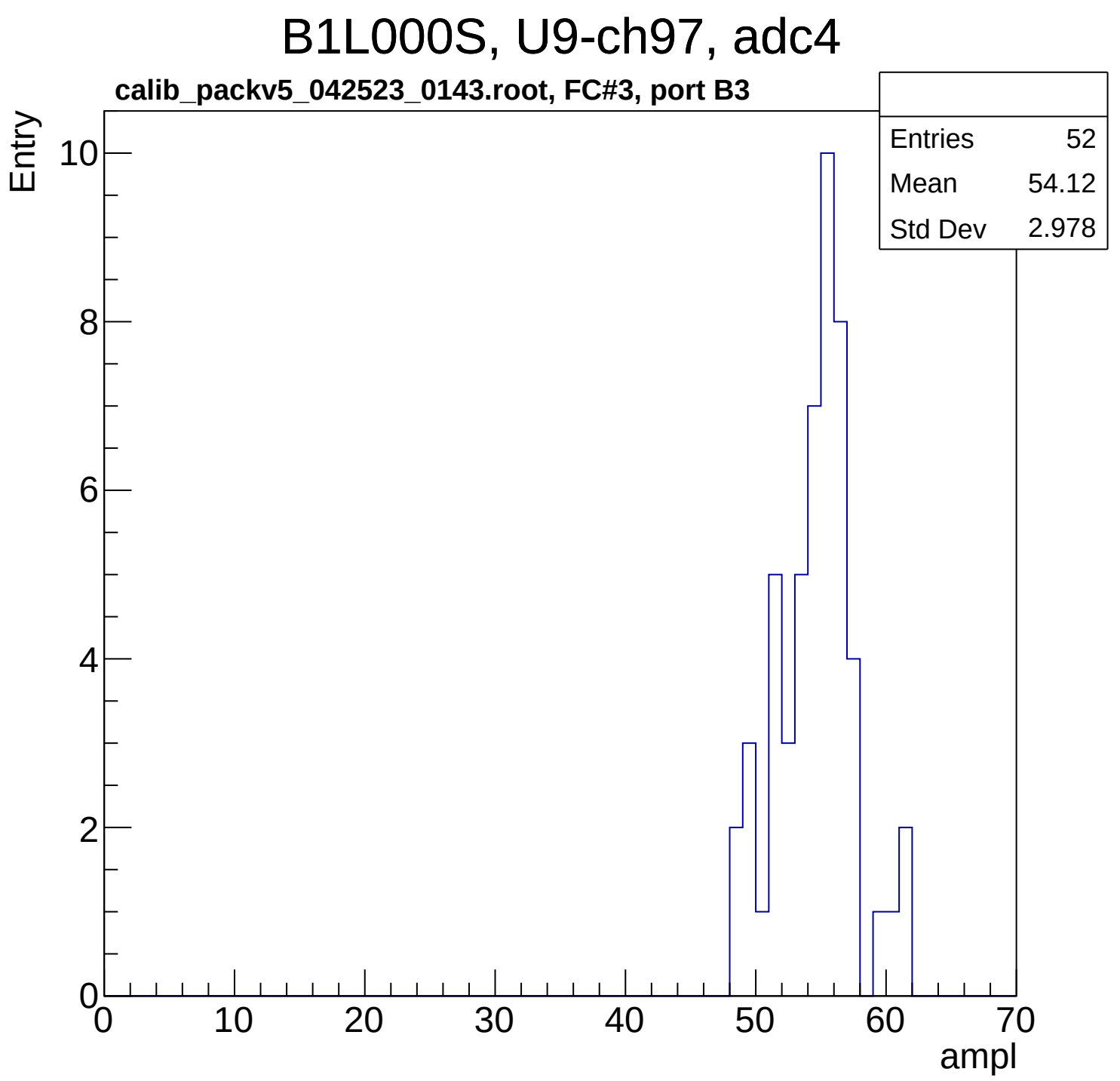
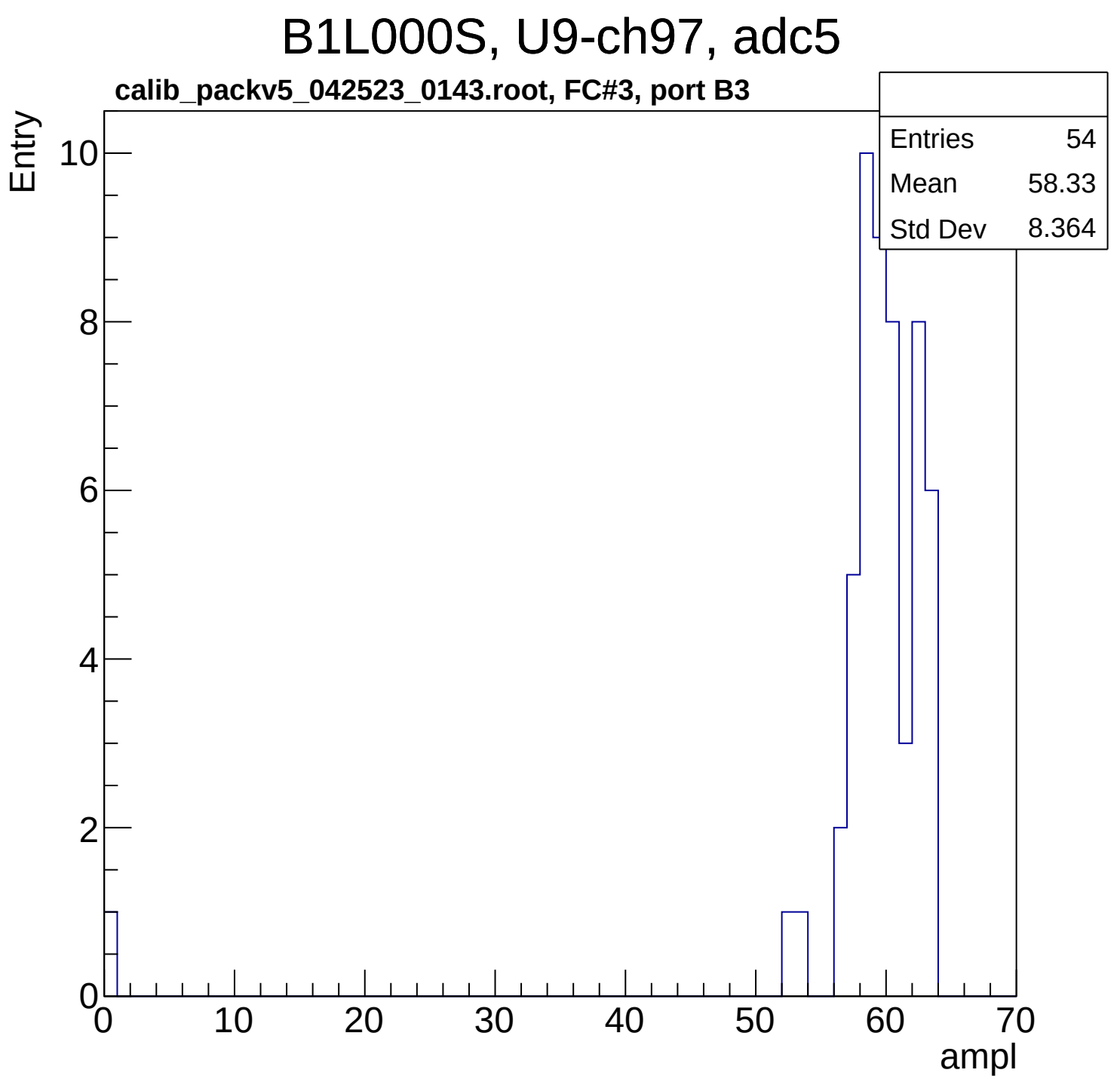
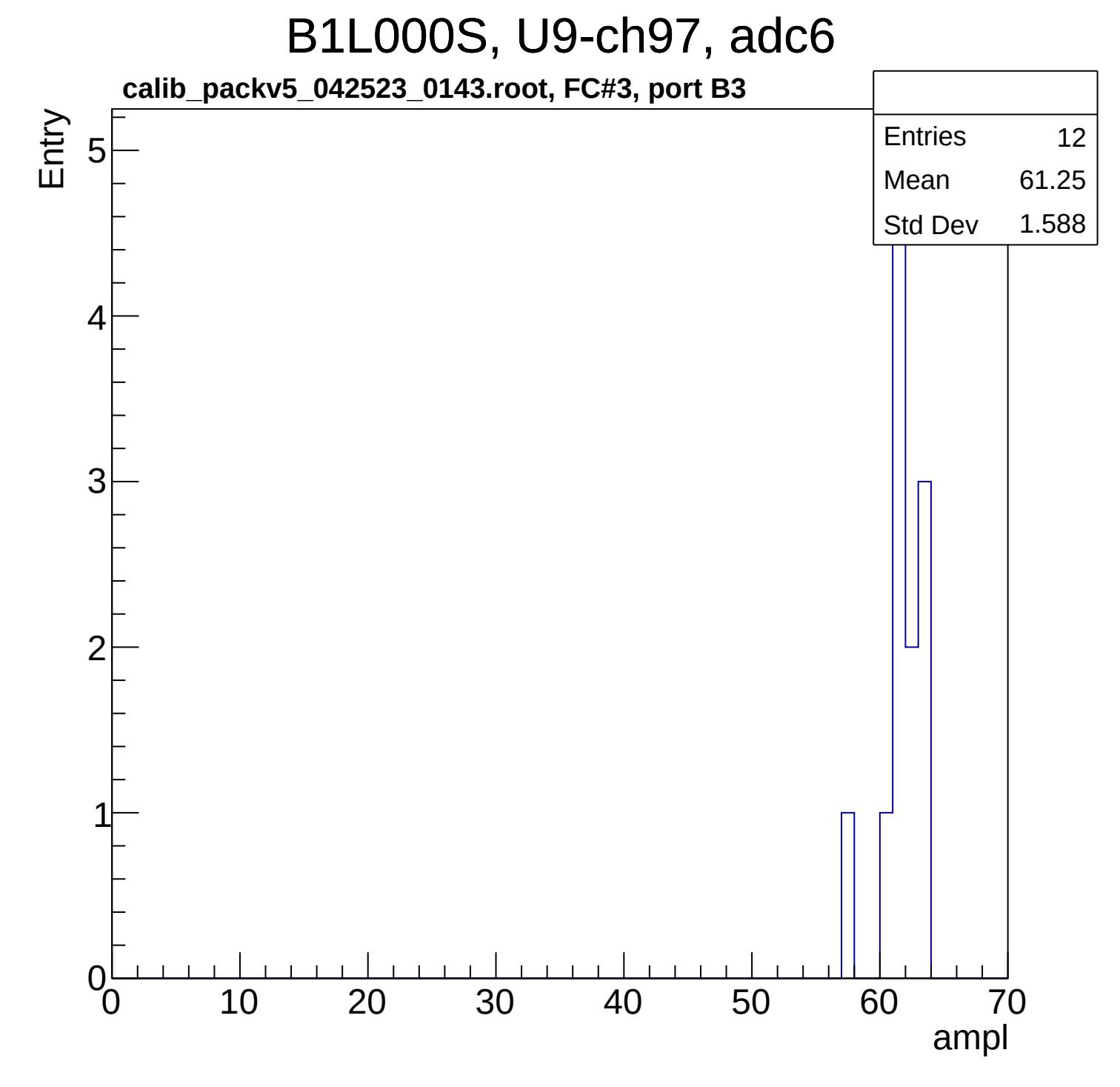
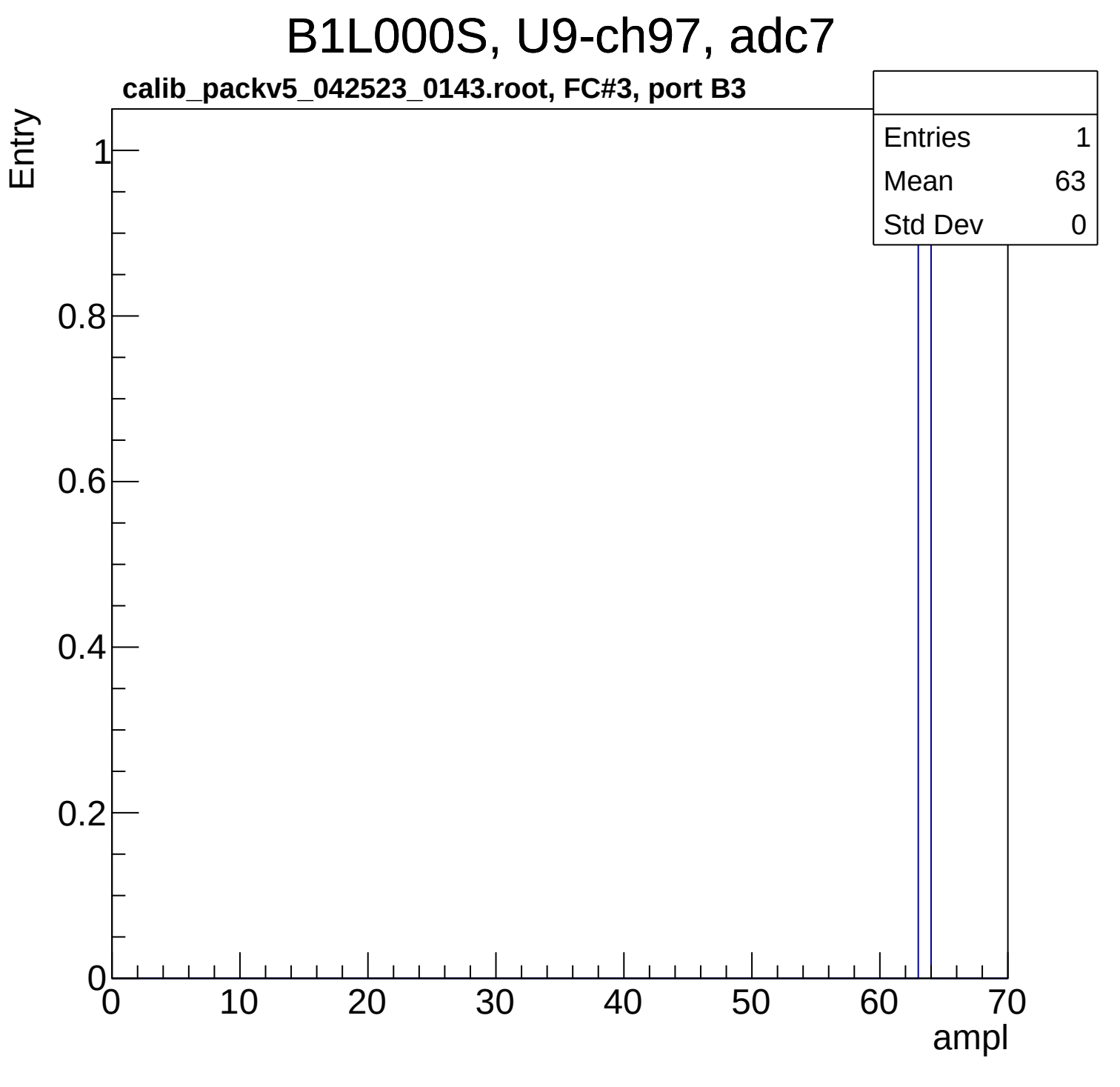
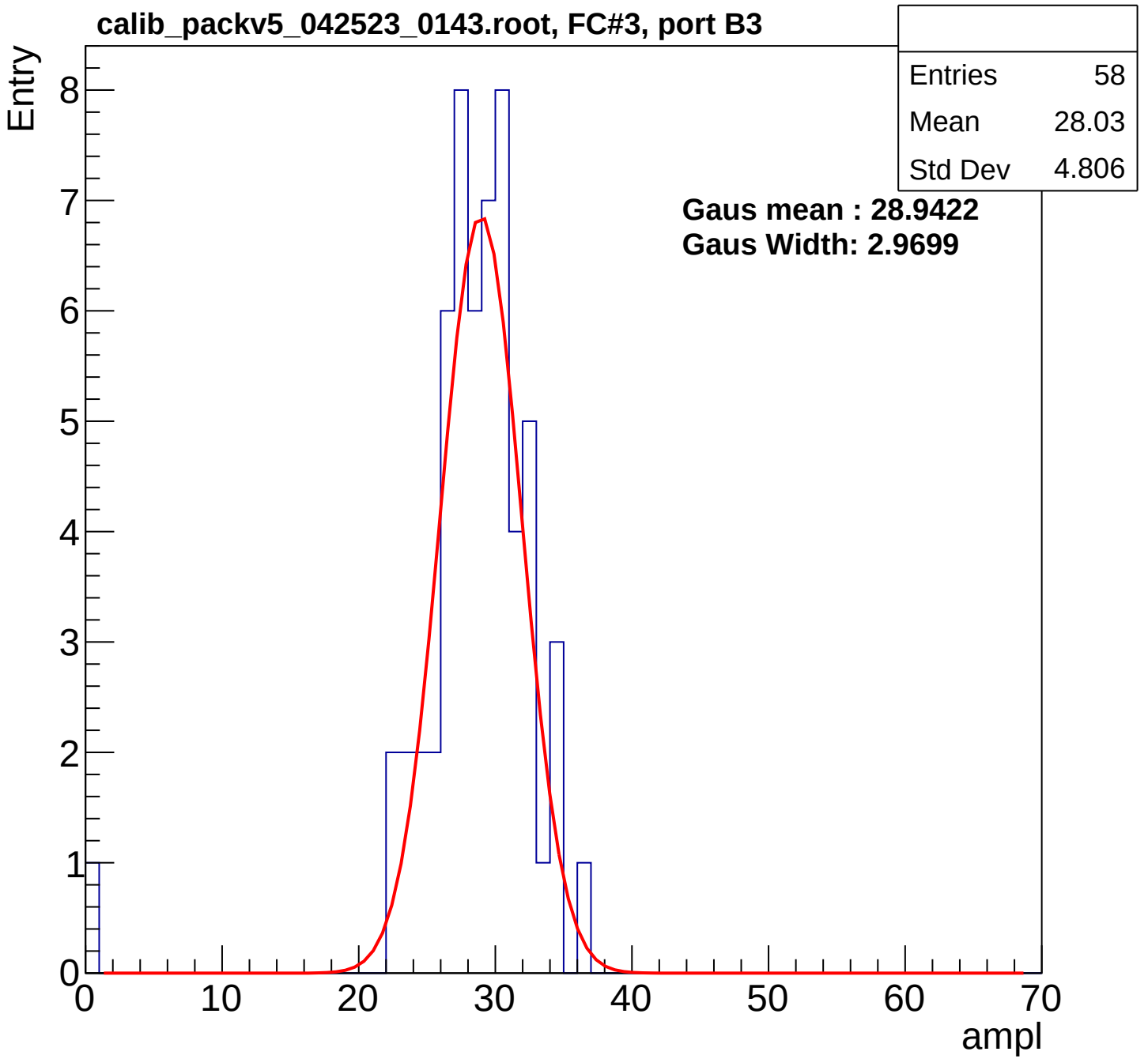

B1L000S, U9-ch97, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 54.12
Std Dev 2.978
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch97, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.33
Std Dev 8.364
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch97, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.25
Std Dev 1.588
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch97, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch98, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 28.03
Std Dev 4.806
Gaus mean : 28.9422
Gaus Width: 2.9699
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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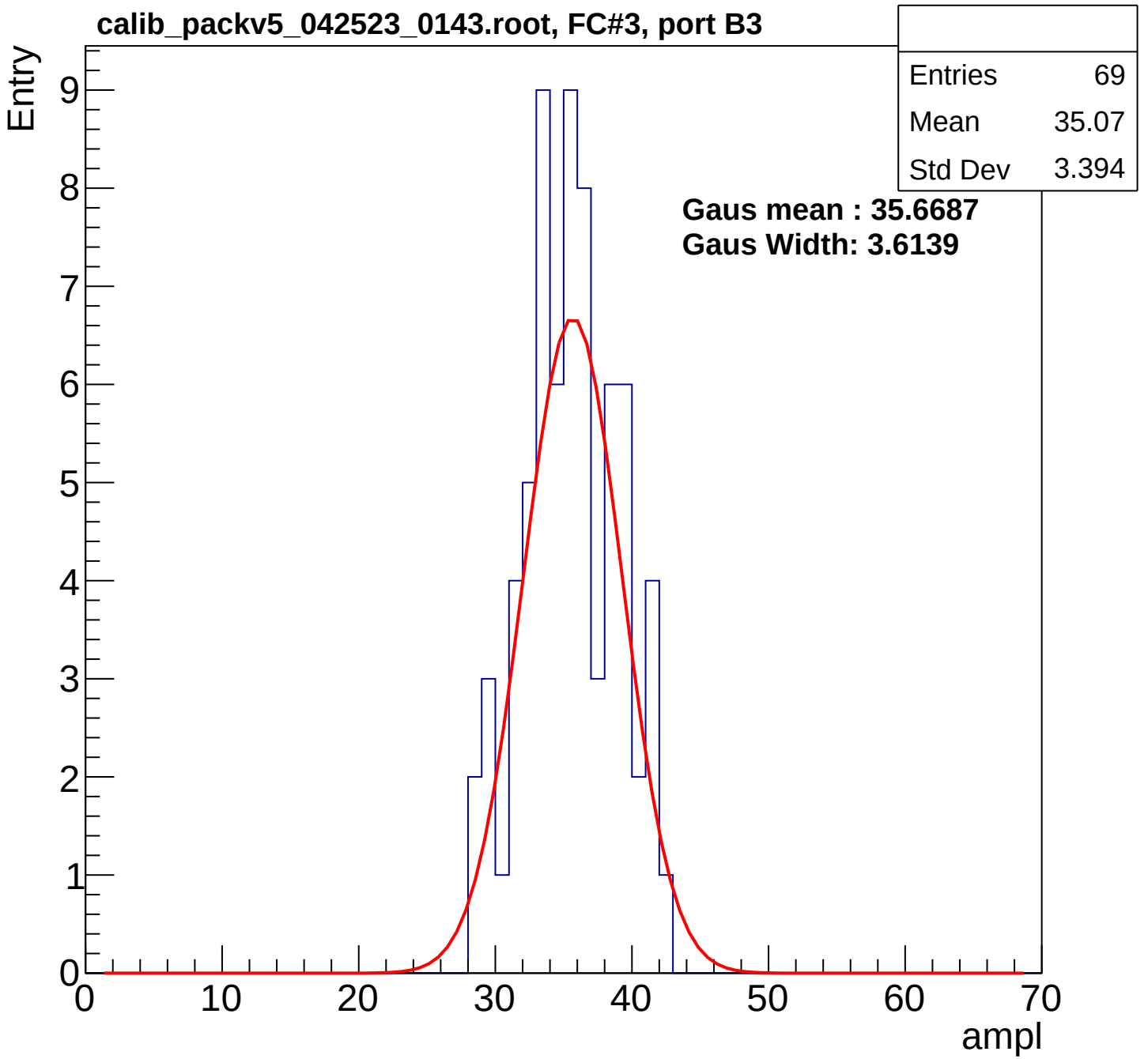
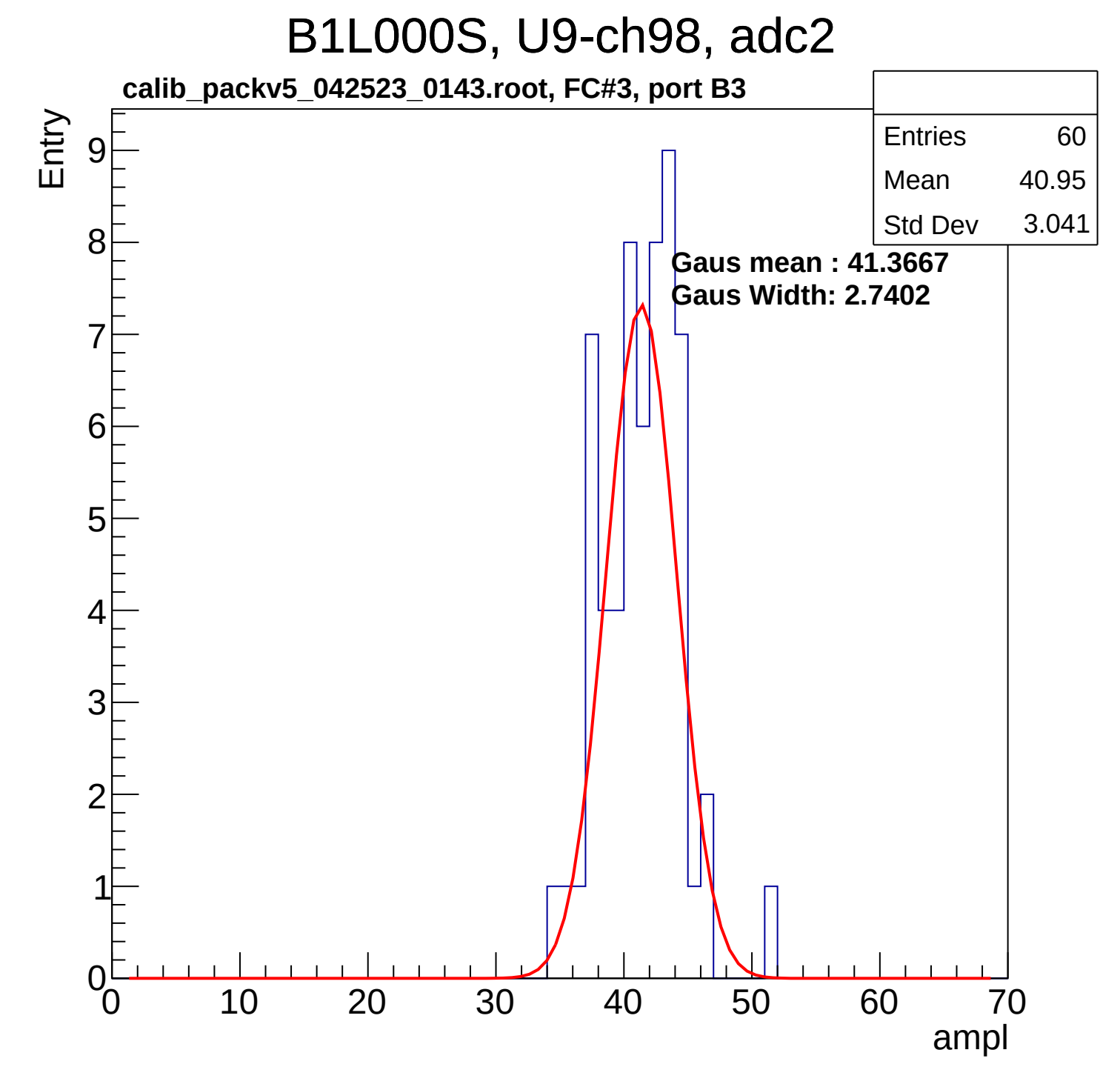

B1L000S, U9-ch98, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.07
Std Dev 3.394
Gaus mean : 35.6687
Gaus Width: 3.6139
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U9-ch98, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 40.95
Std Dev 3.041
Gaus mean : 41.3667
Gaus Width: 2.7402
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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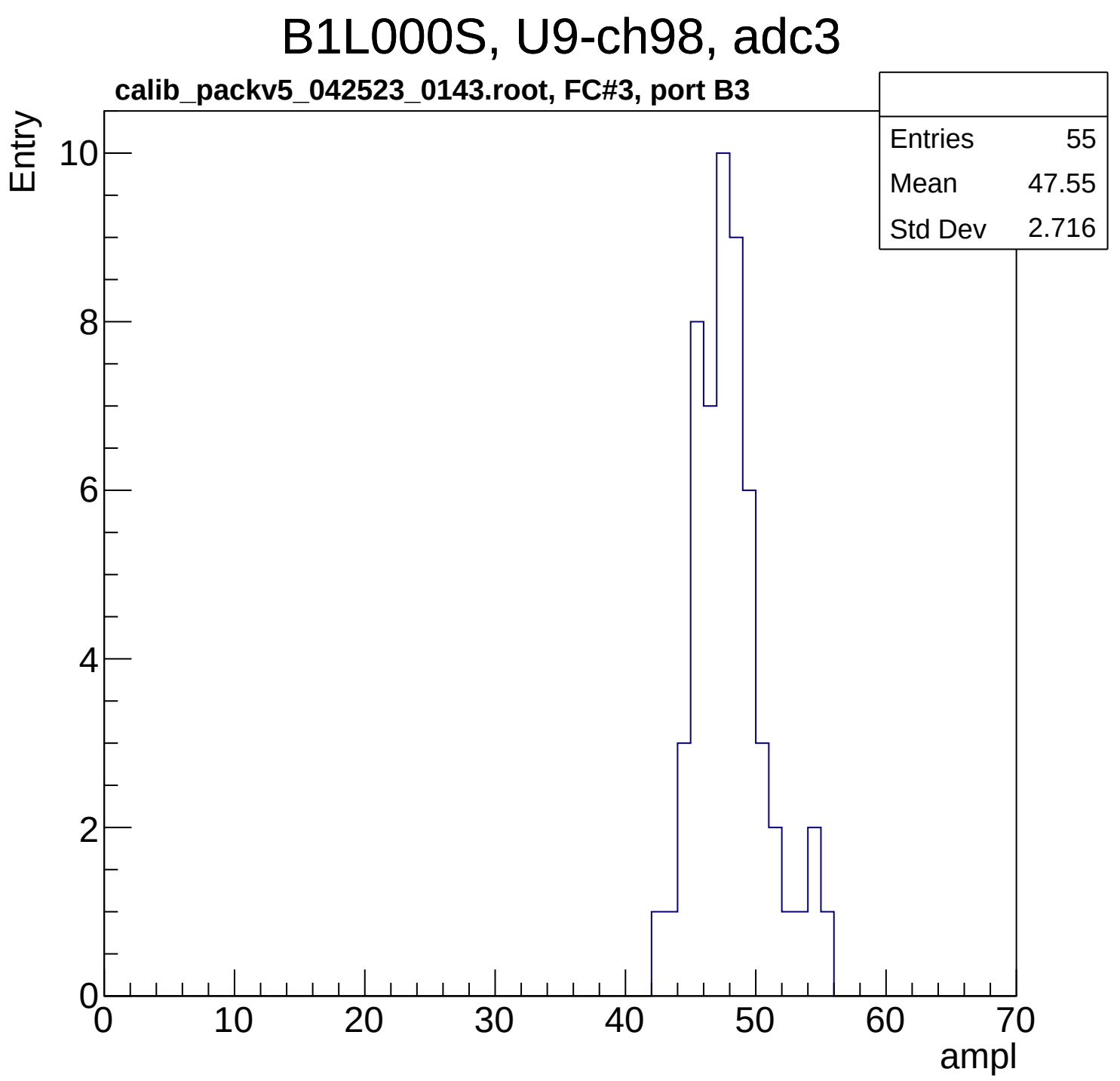
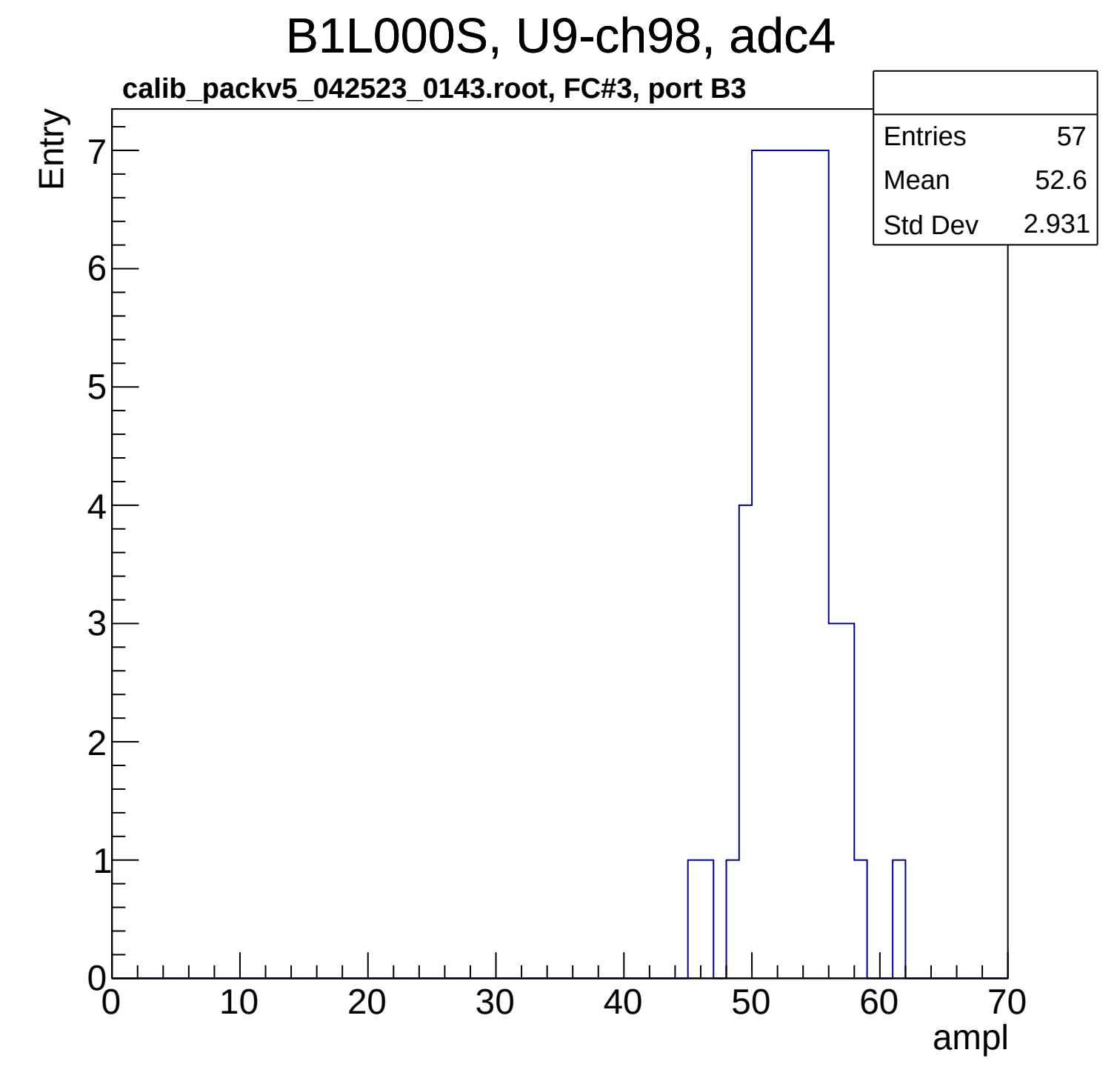
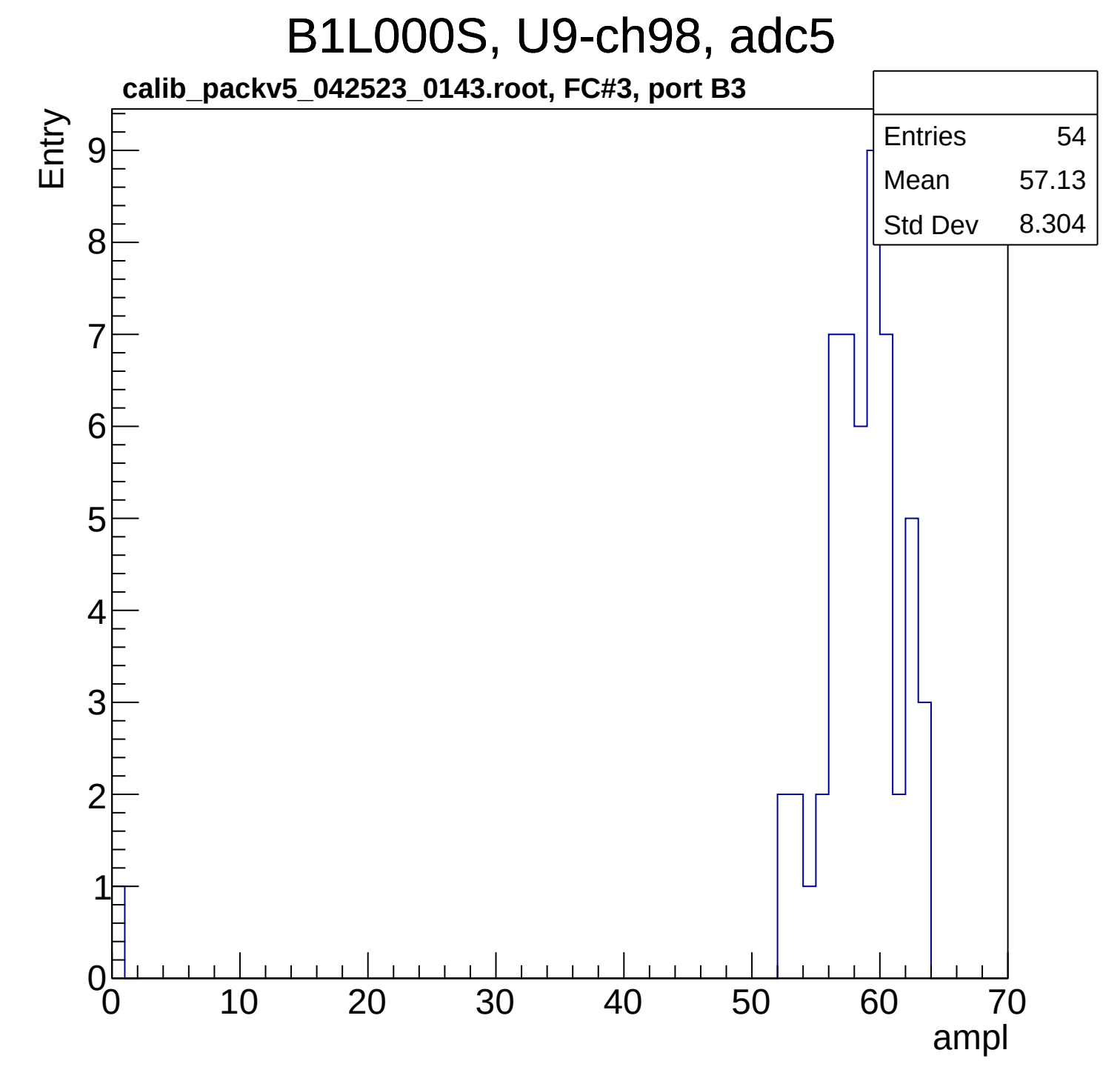

B1L000S, U9-ch98, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.55
Std Dev 2.716
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch98, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 52.6
Std Dev 2.931
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch98, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 57.13
Std Dev 8.304
Entry
ampl
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2
3
4
5
6
7
8
9
0
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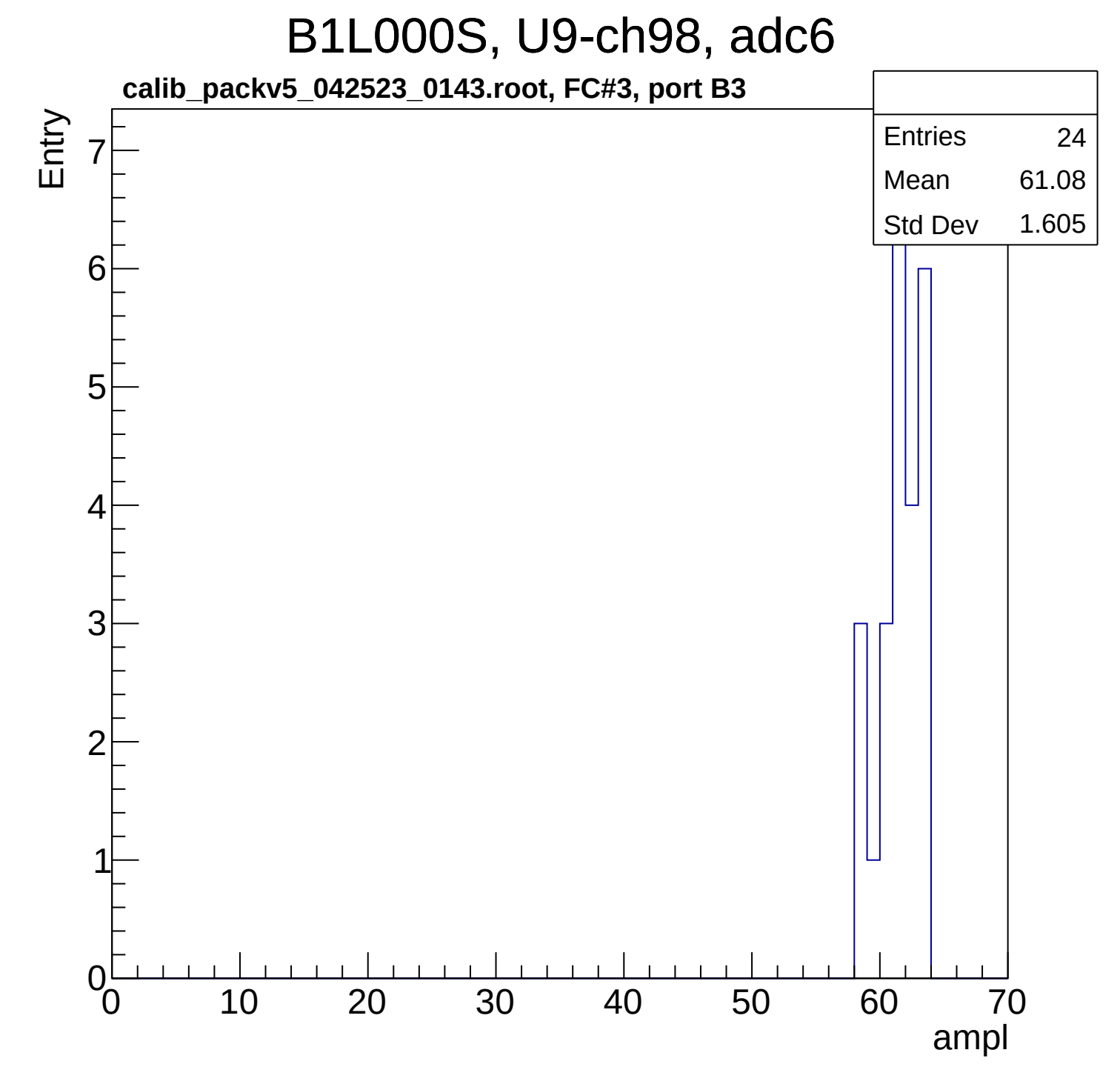
B1L000S, U9-ch98, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 61.08
Std Dev 1.605
Entry
ampl
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1
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3
4
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6
7
0
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20
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40
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60
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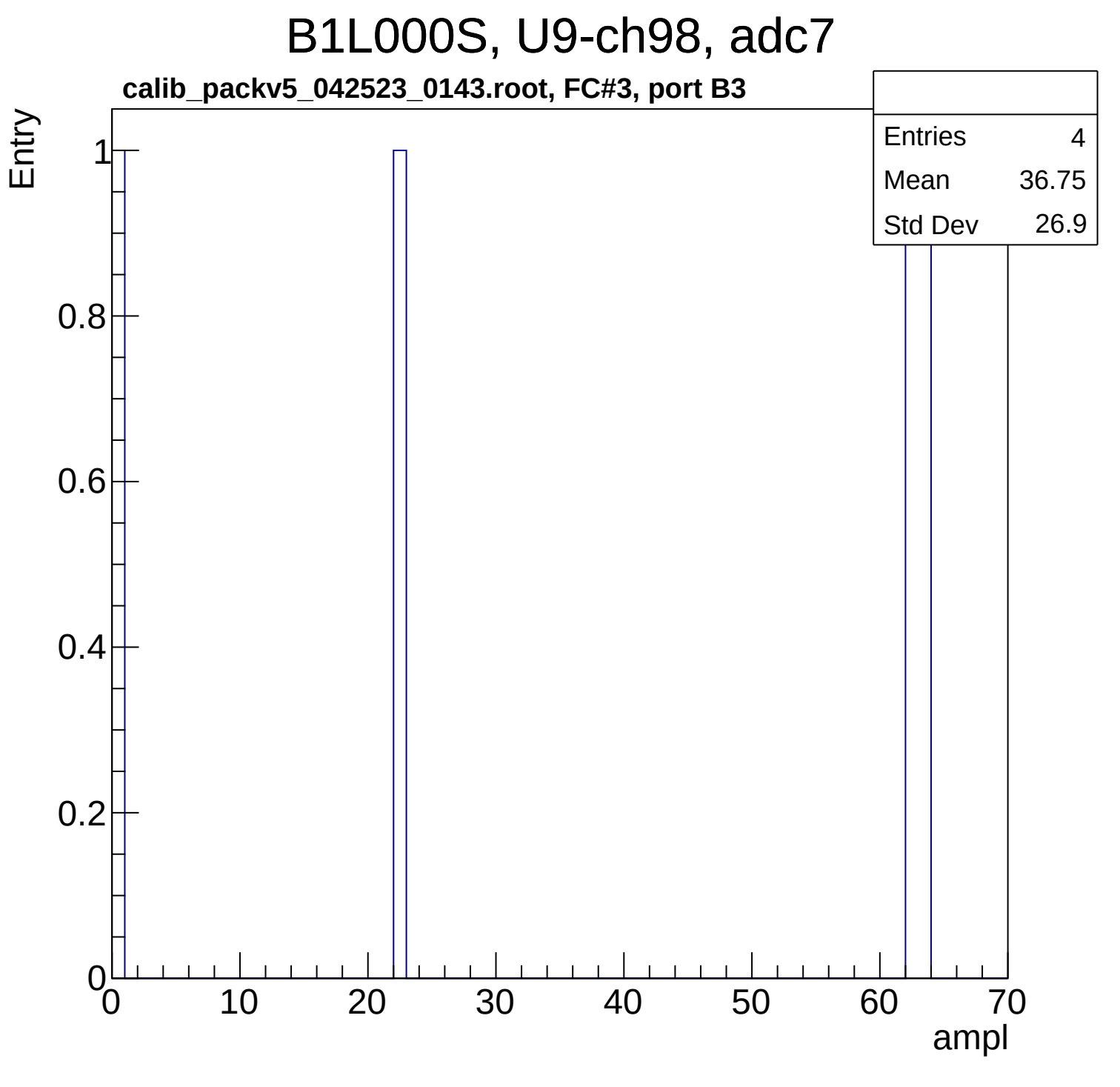
B1L000S, U9-ch98, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 36.75
Std Dev 26.9
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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50
60
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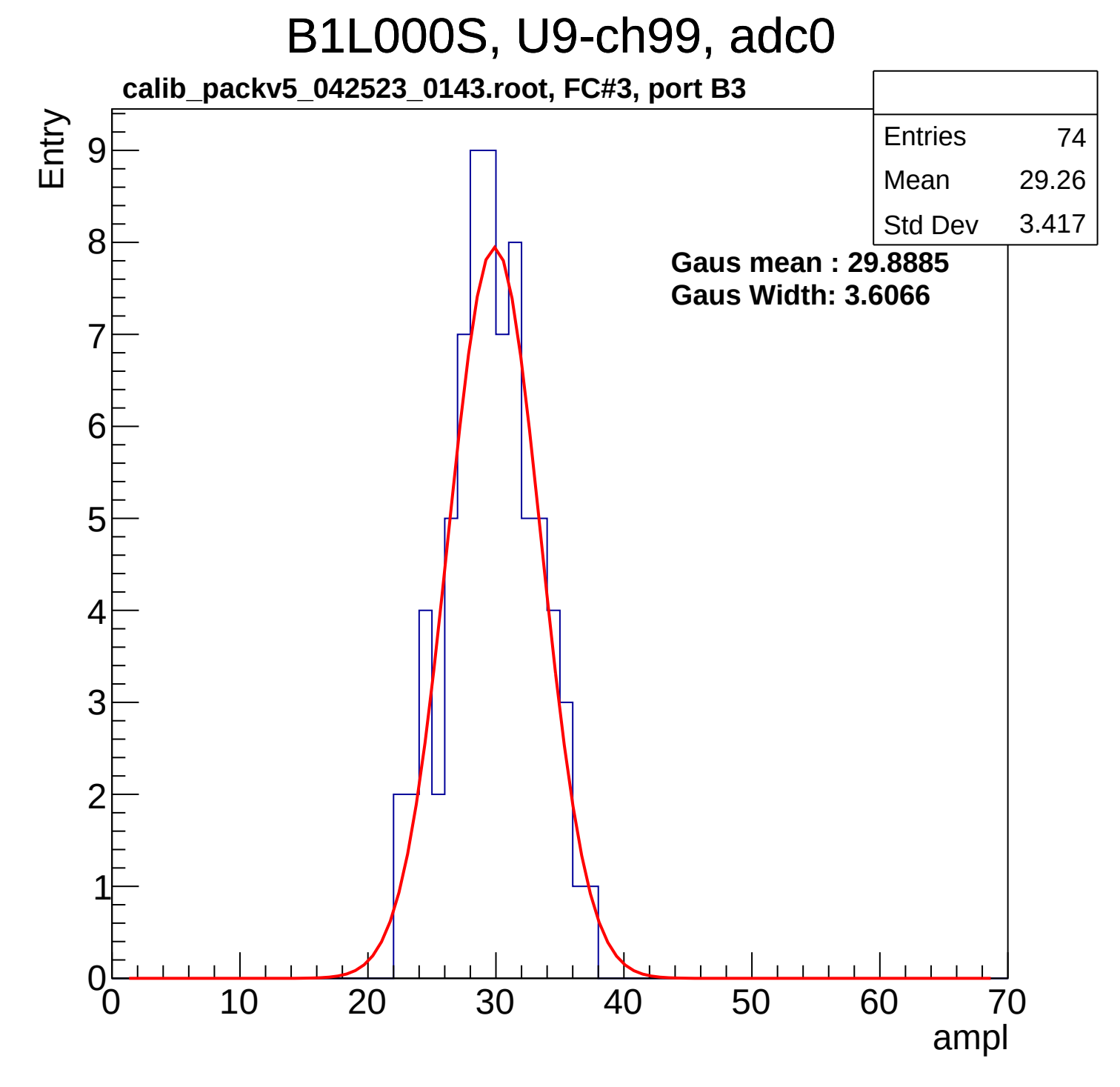
B1L000S, U9-ch99, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 29.26
Std Dev 3.417
Gaus mean : 29.8885
Gaus Width: 3.6066
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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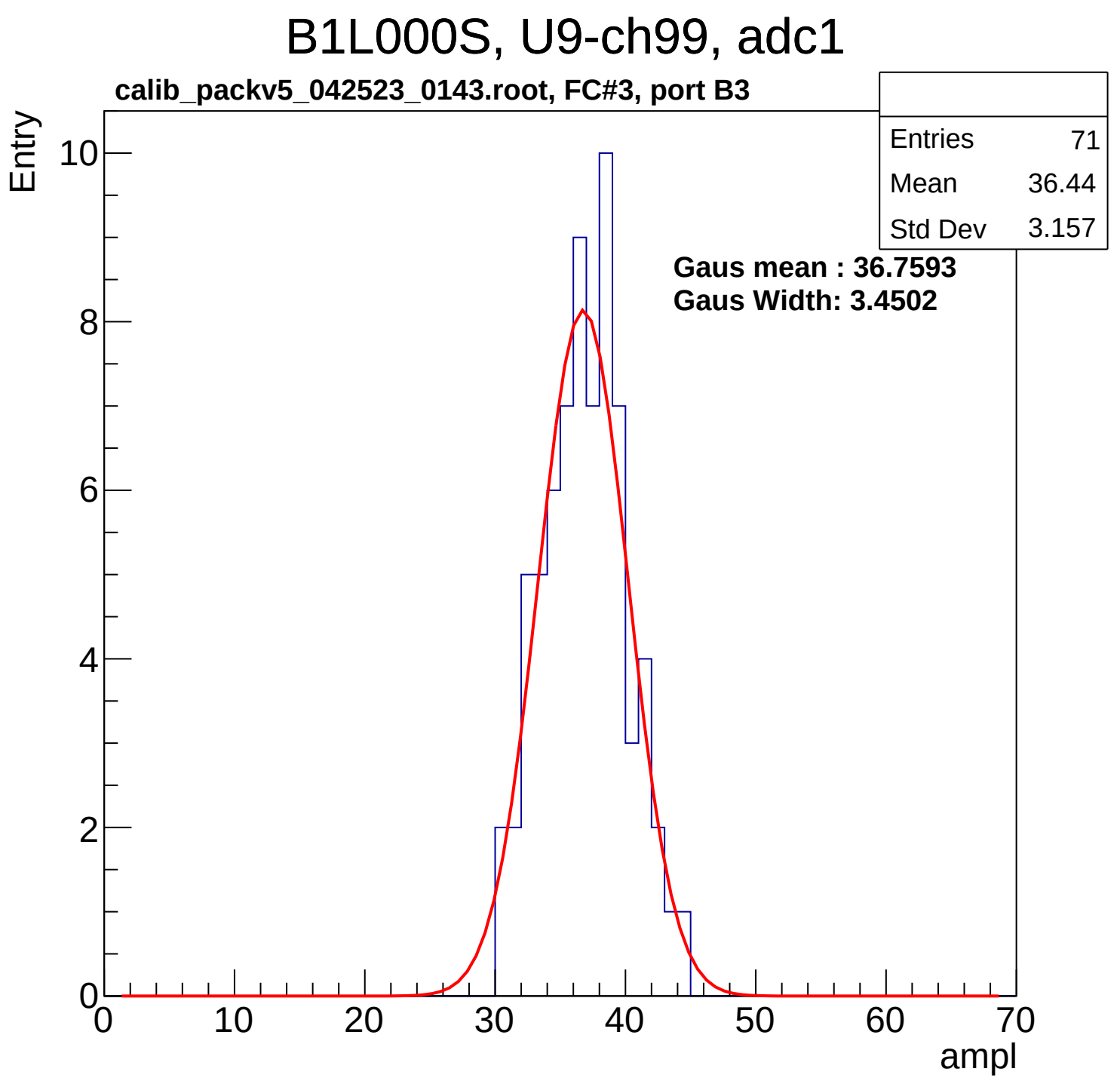
B1L000S, U9-ch99, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 36.44
Std Dev 3.157
Gaus mean : 36.7593
Gaus Width: 3.4502
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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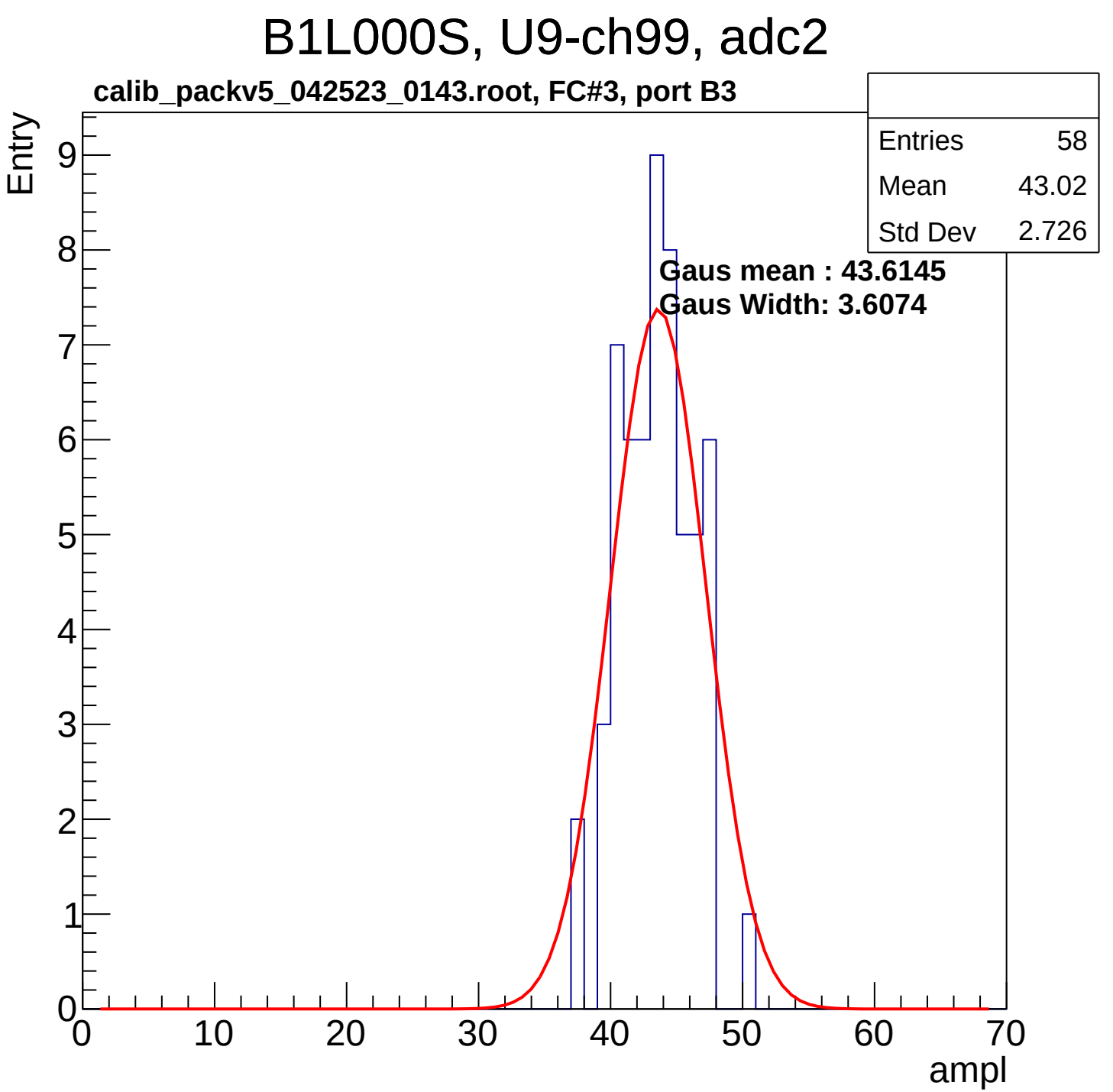
B1L000S, U9-ch99, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 43.02
Std Dev 2.726
Gaus mean : 43.6145
Gaus Width: 3.6074
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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40
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60
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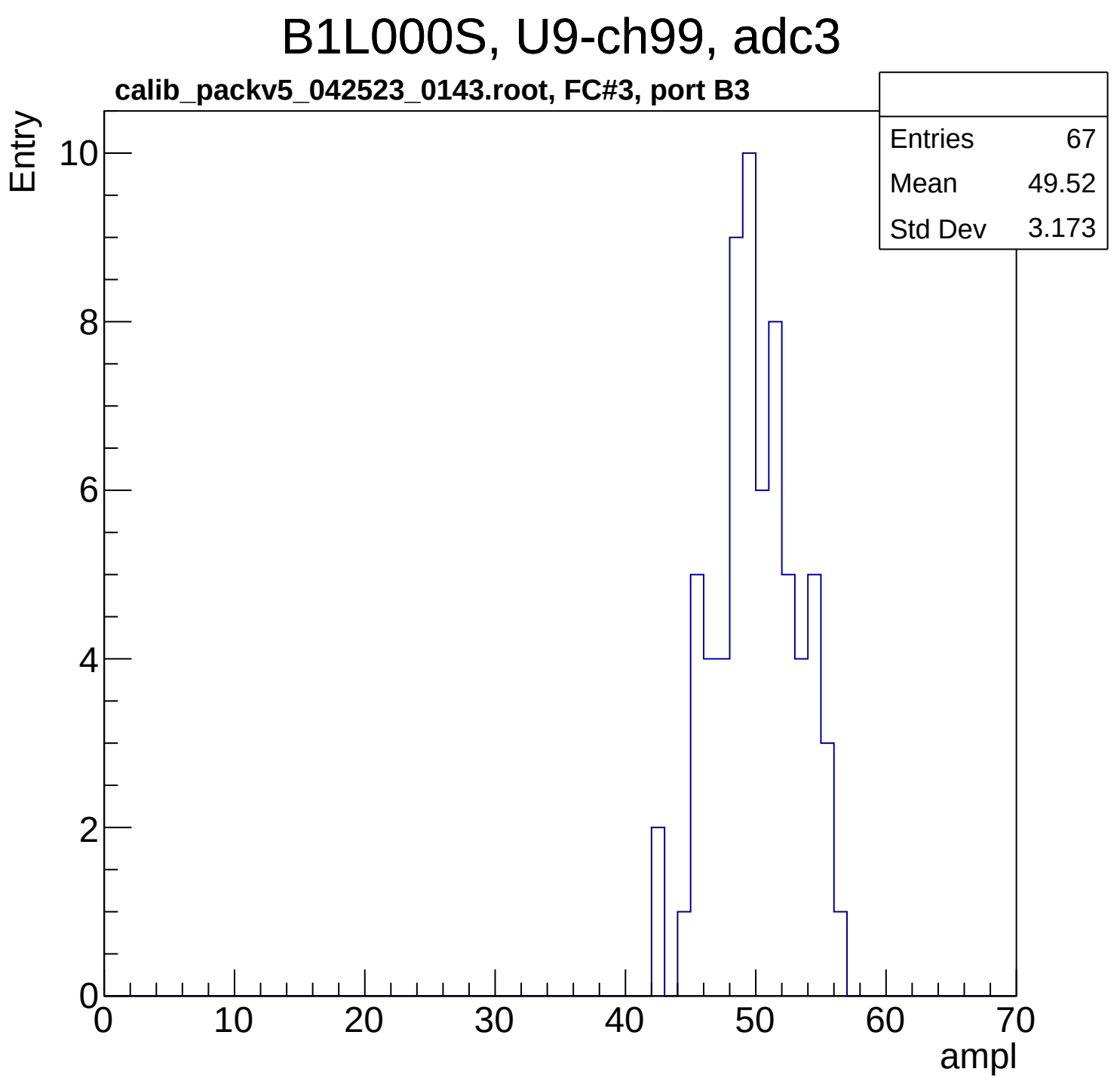
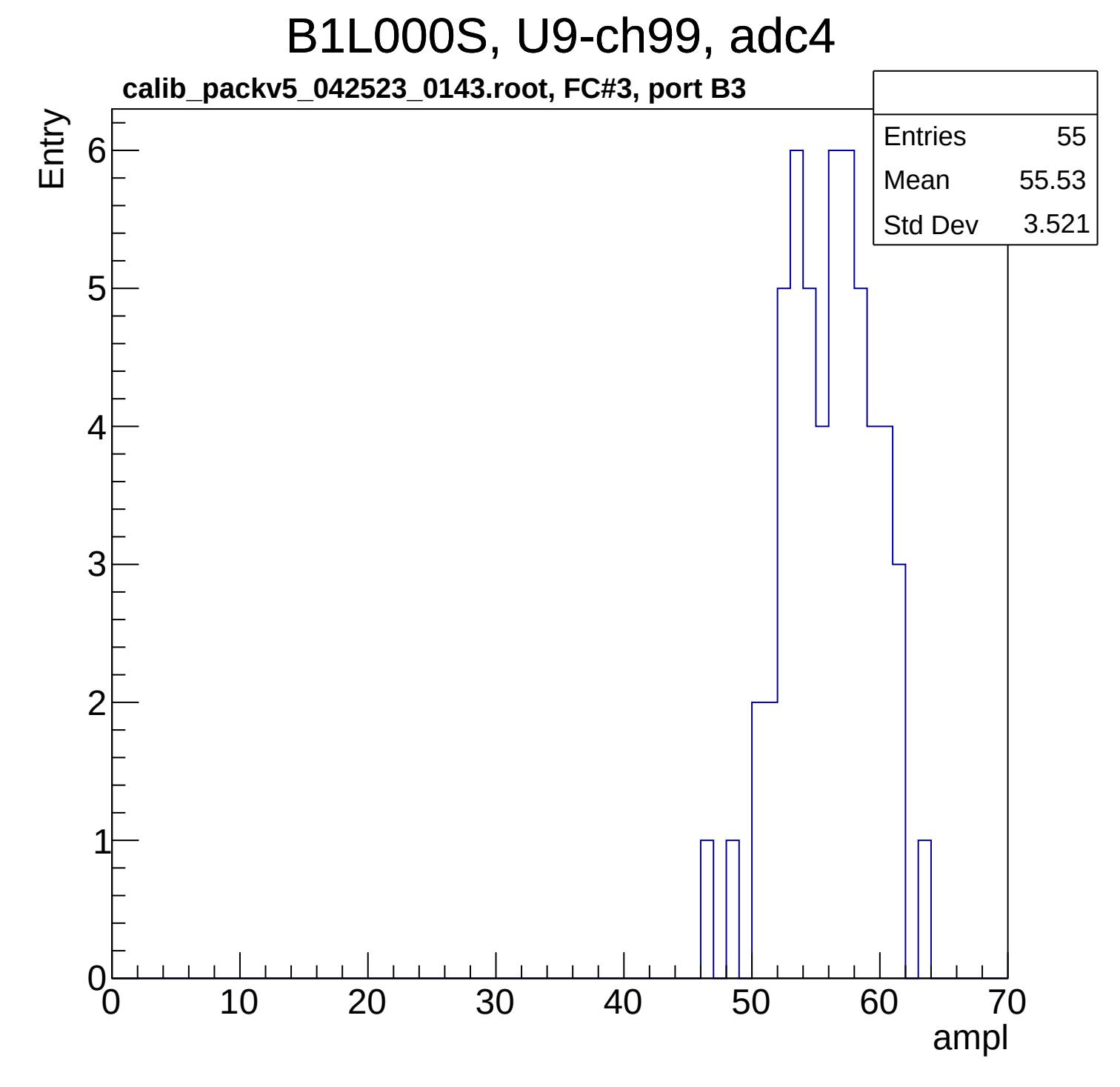

B1L000S, U9-ch99, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 49.52
Std Dev 3.173
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch99, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 55.53
Std Dev 3.521
Entry
ampl
0
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3
4
5
6
0
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20
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40
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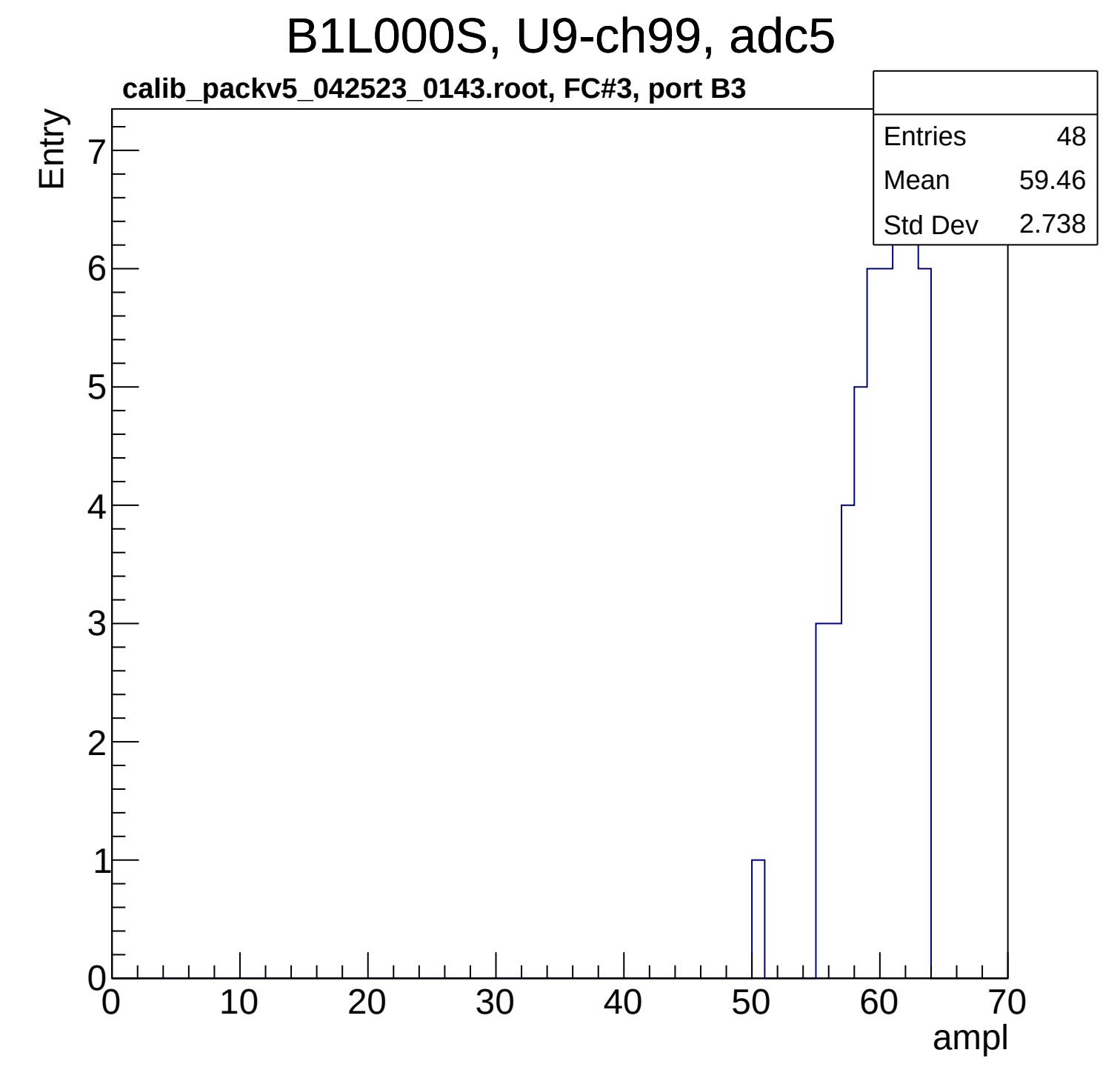
60
70


B1L000S, U9-ch99, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 59.46
Std Dev 2.738
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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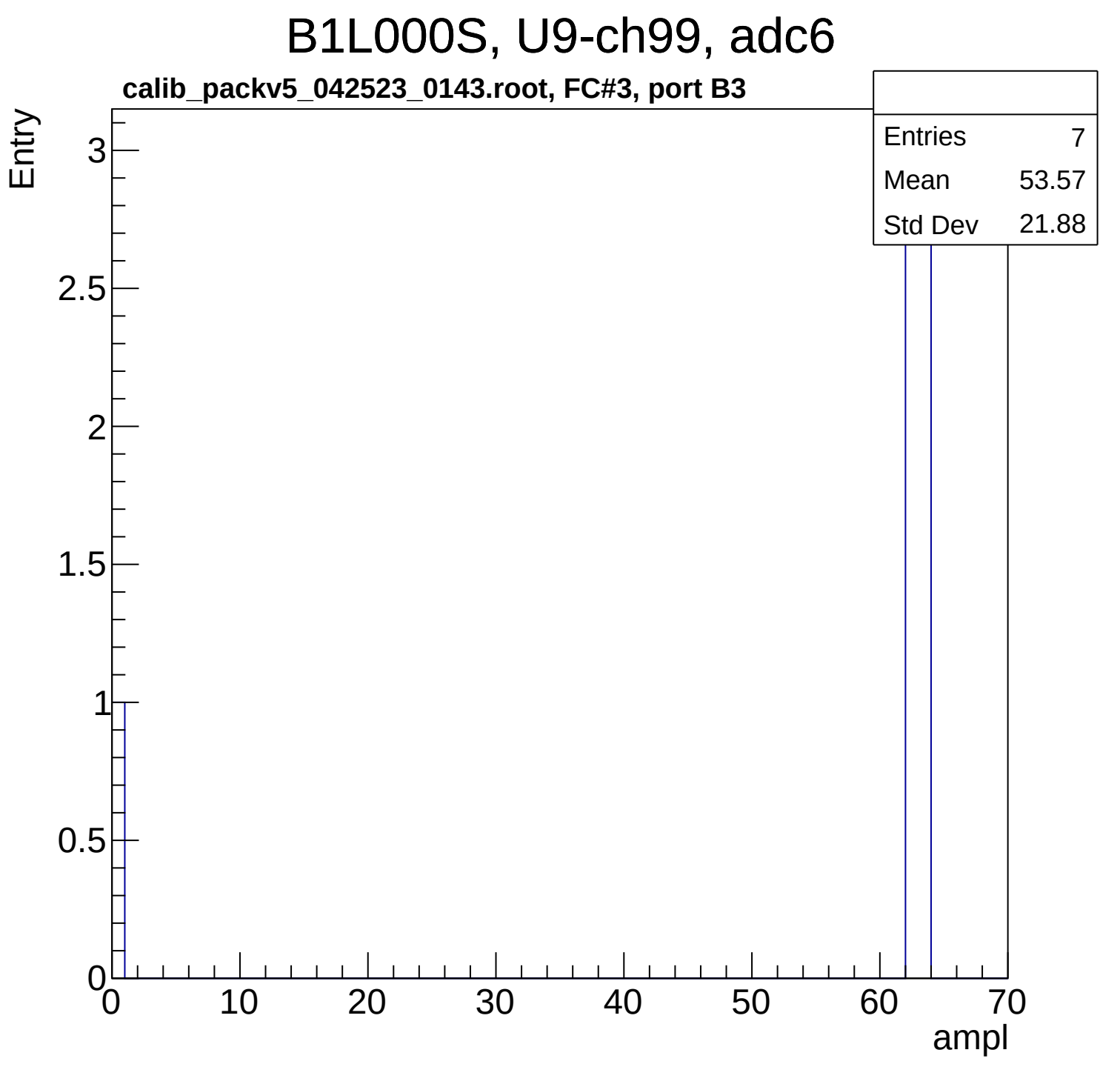
60
70


B1L000S, U9-ch99, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 53.57
Std Dev 21.88
Entry
ampl
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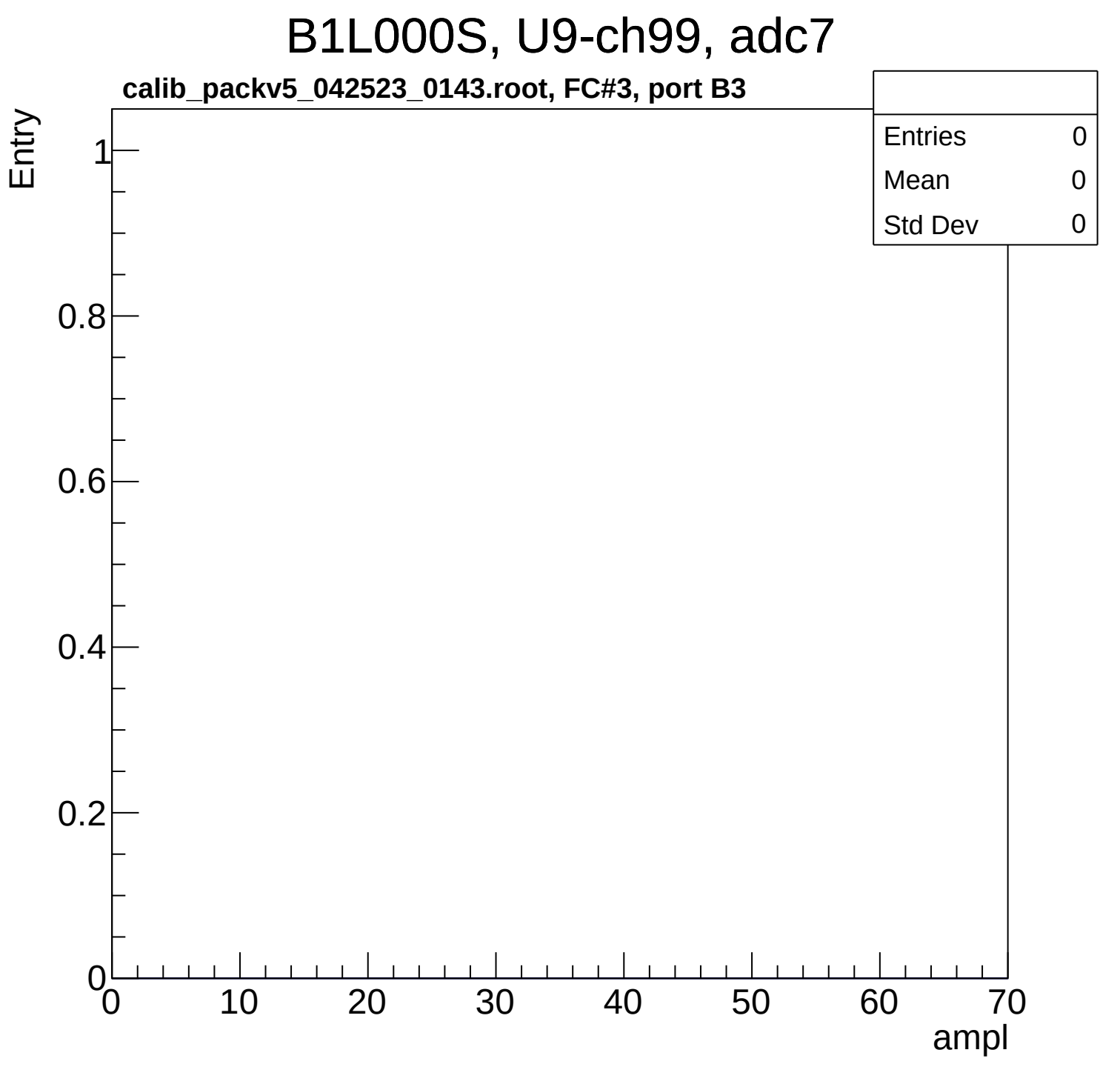
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch99, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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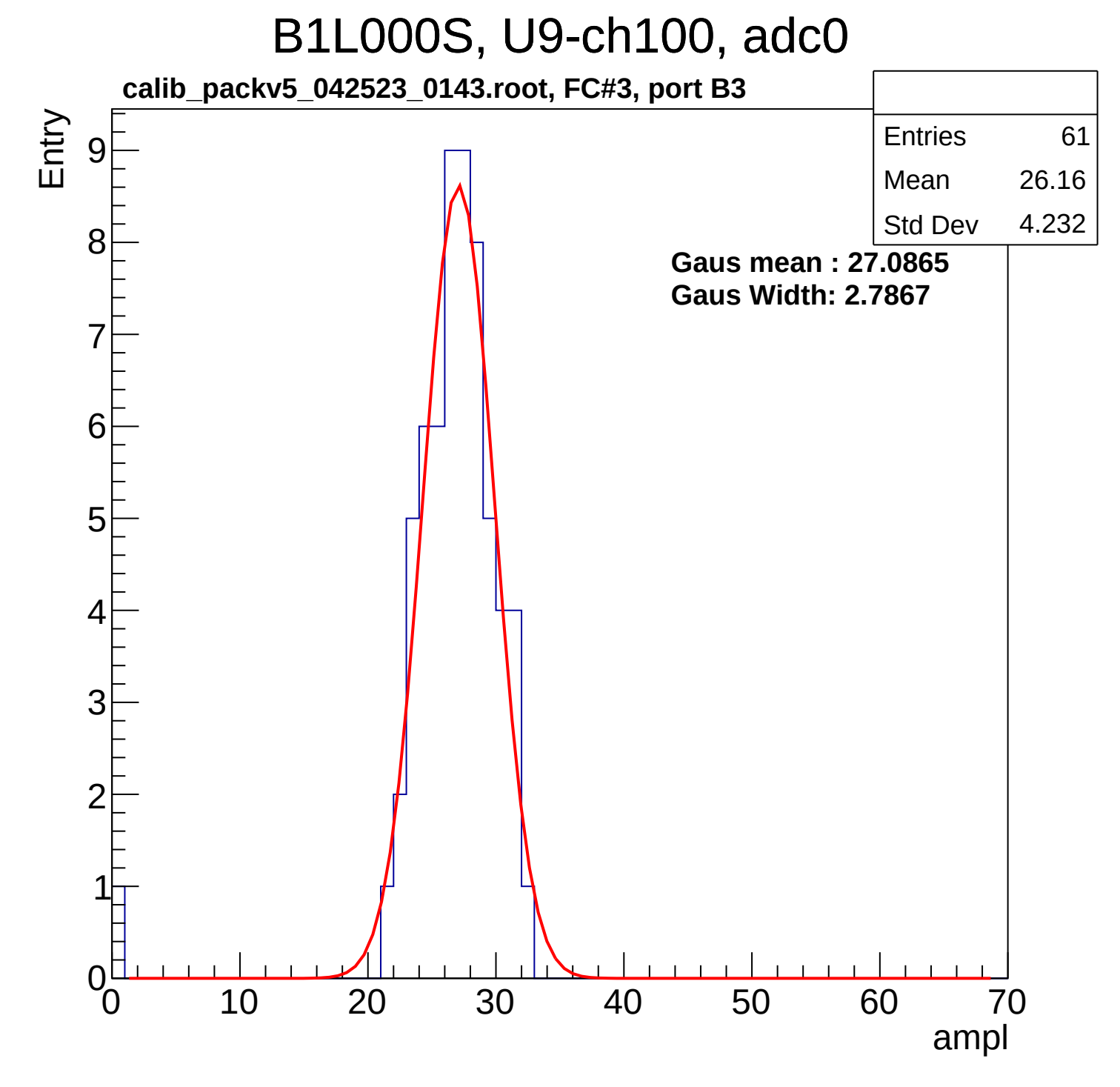
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch100, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 26.16
Std Dev 4.232
Gaus mean : 27.0865
Gaus Width: 2.7867
Entry
ampl
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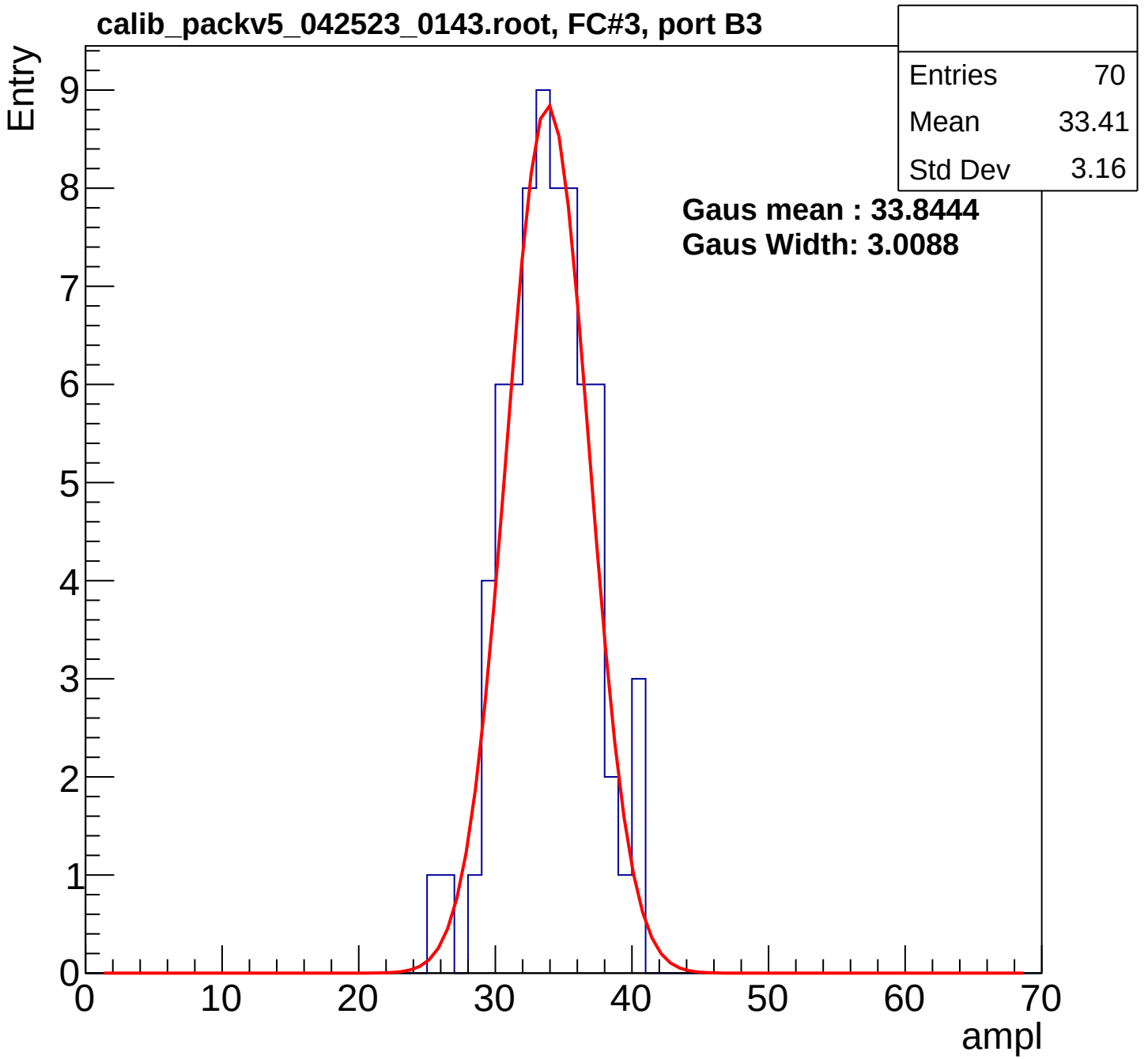
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch100, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 33.41
Std Dev 3.16
Gaus mean : 33.8444
Gaus Width: 3.0088
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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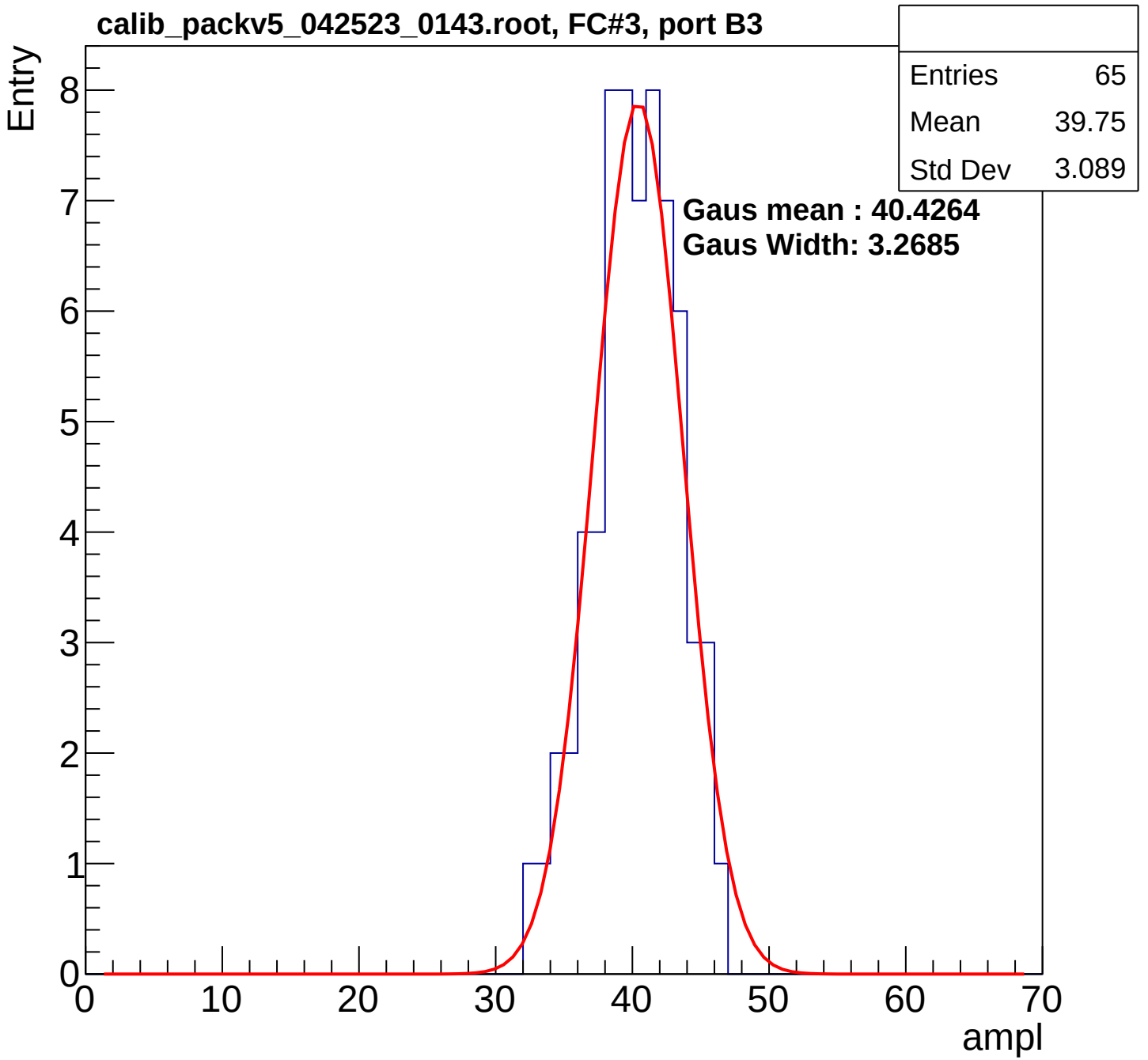
B1L000S, U9-ch100, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 39.75
Std Dev 3.089
Gaus mean : 40.4264
Gaus Width: 3.2685
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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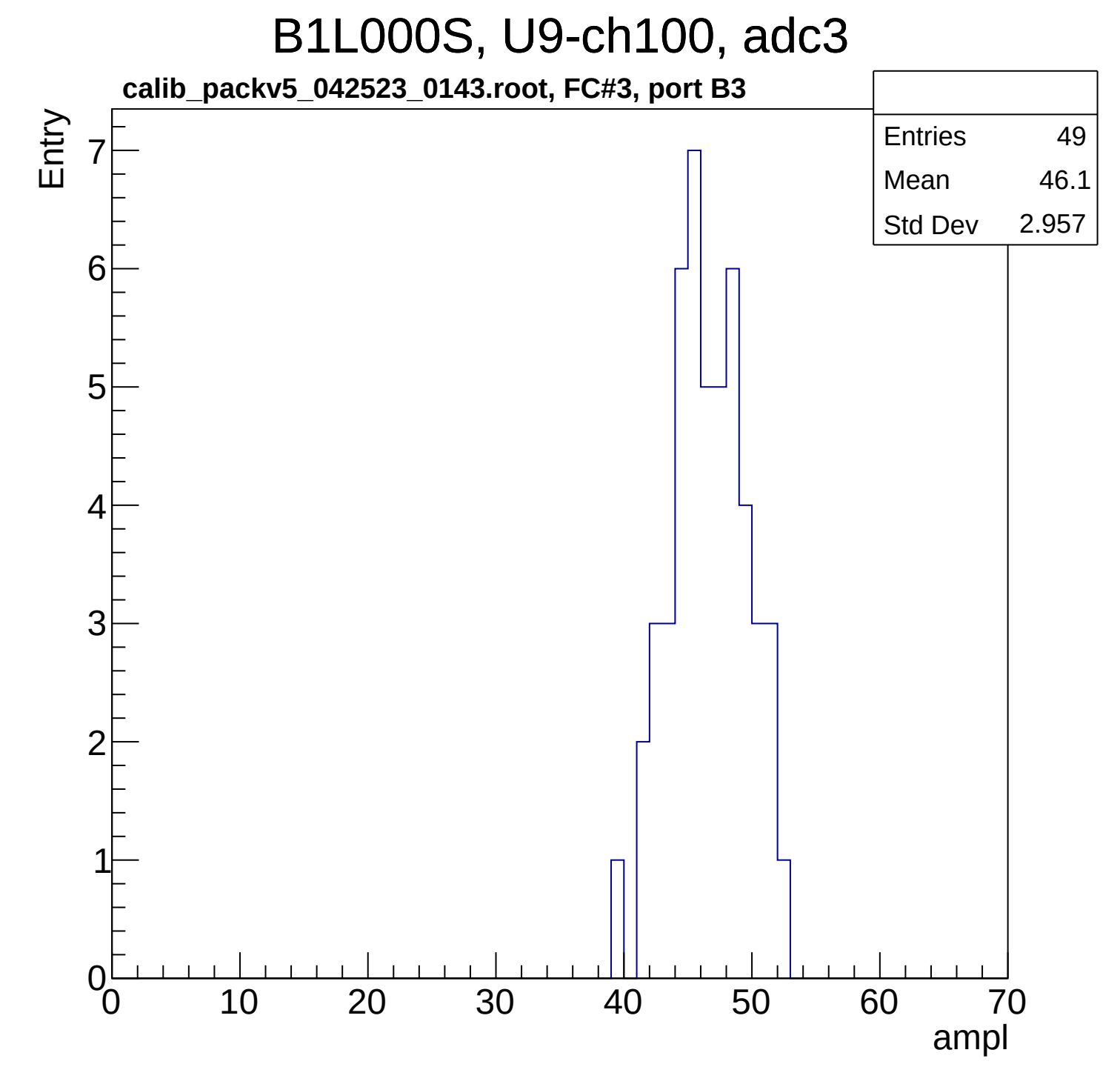
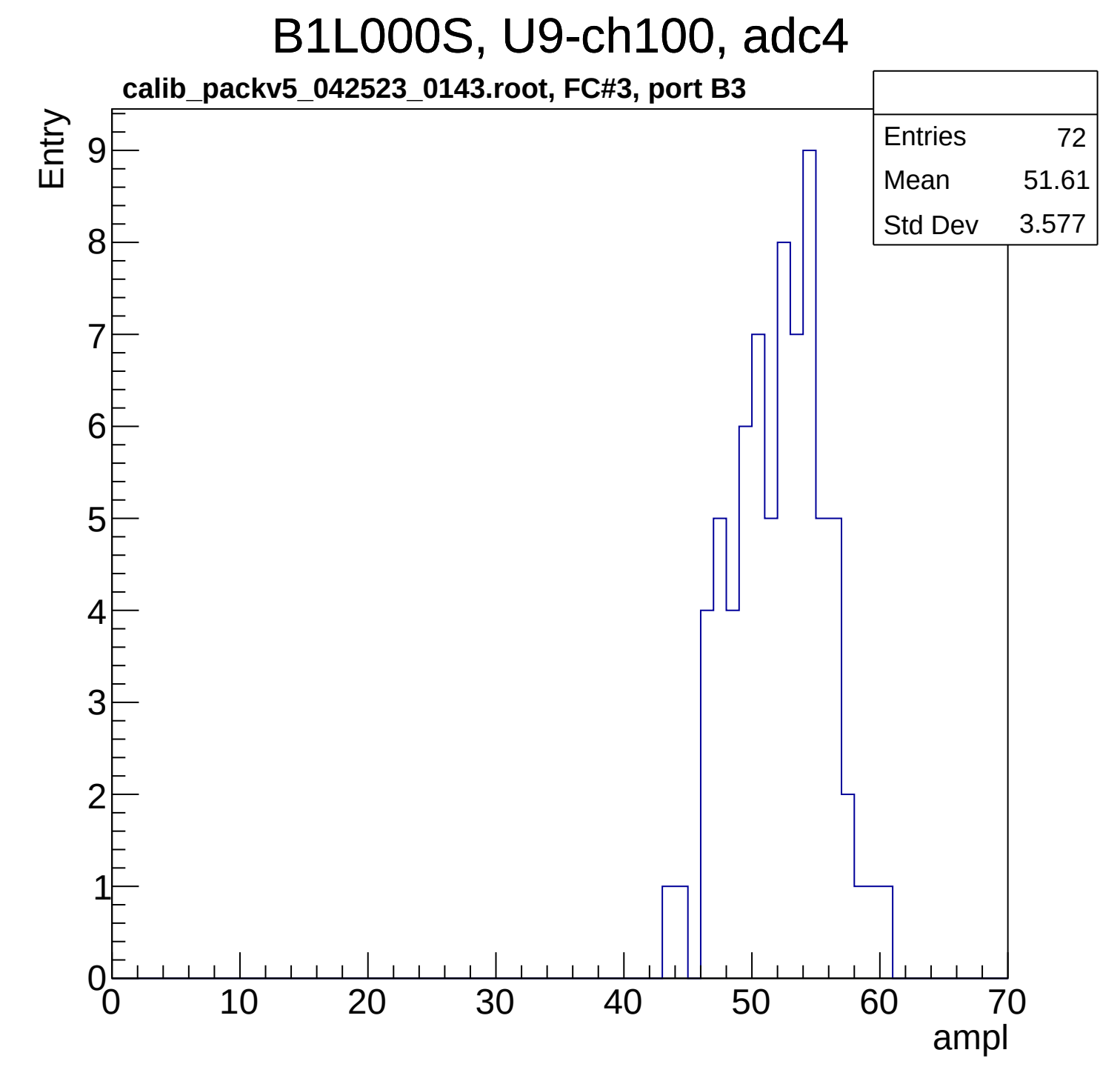

B1L000S, U9-ch100, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 46.1
Std Dev 2.957
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch100, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 51.61
Std Dev 3.577
Entry
ampl
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2
3
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6
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8
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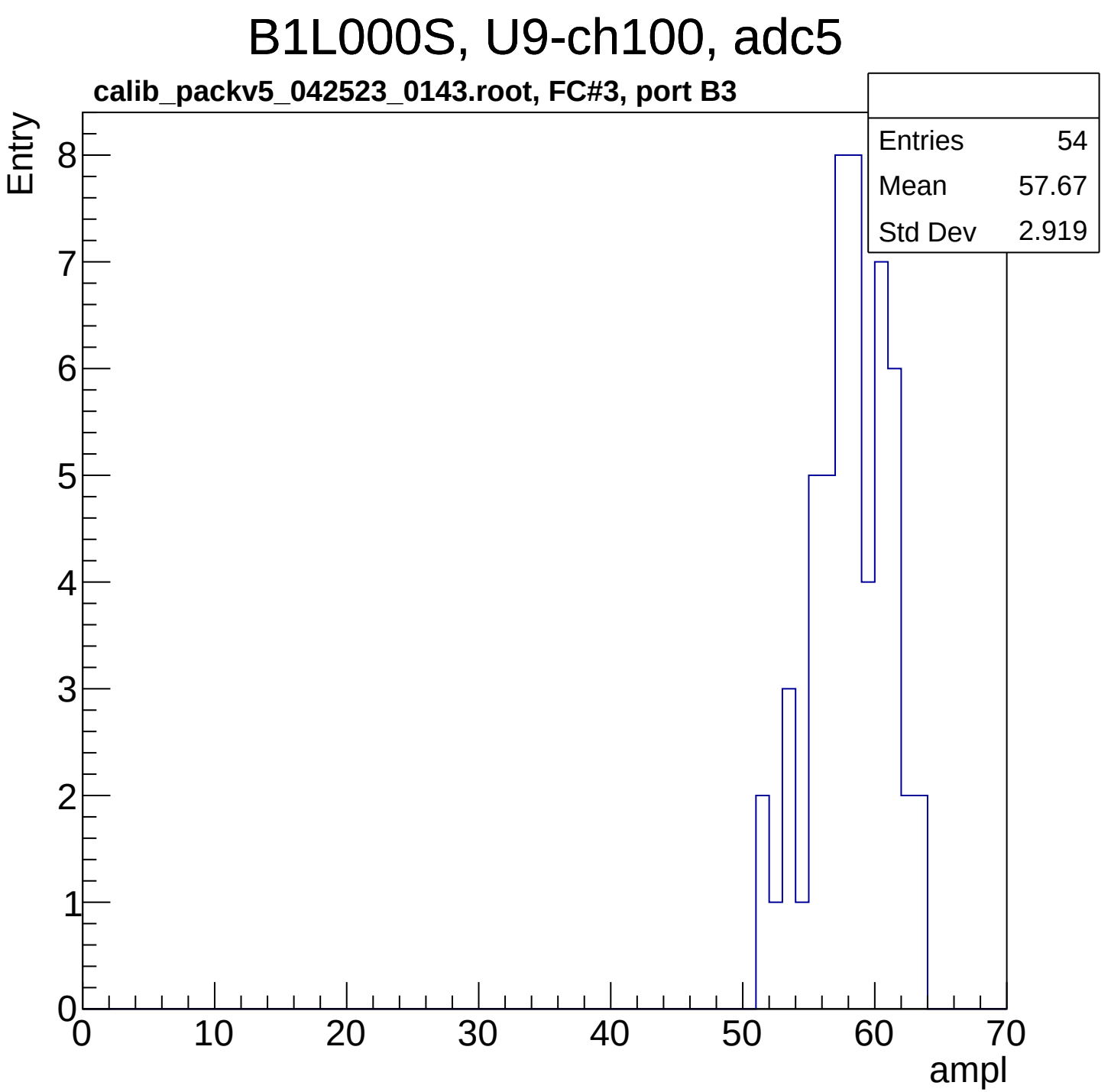
B1L000S, U9-ch100, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 57.67
Std Dev 2.919
Entry
ampl
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3
4
5
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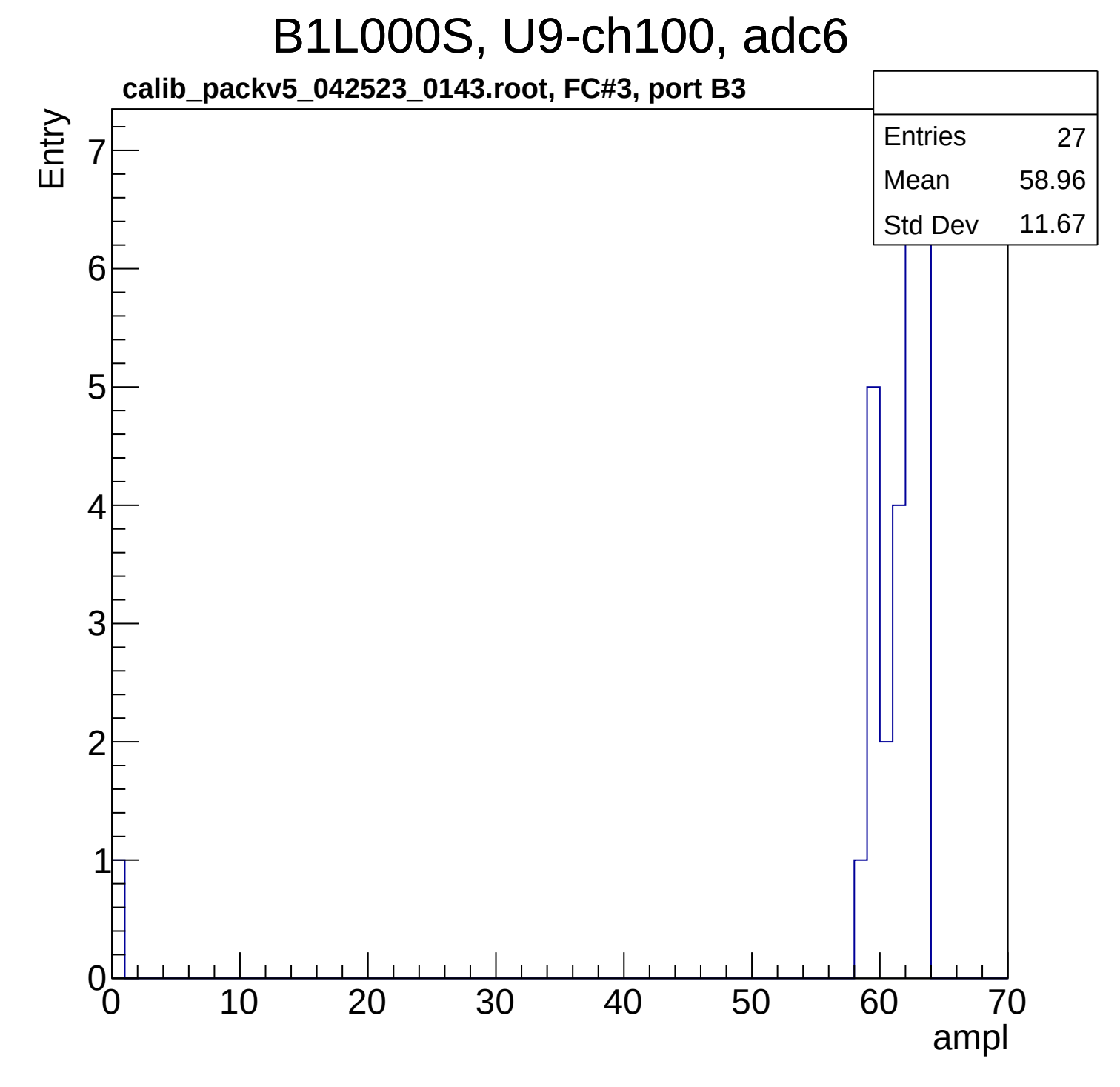
B1L000S, U9-ch100, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 27
Mean 58.96
Std Dev 11.67
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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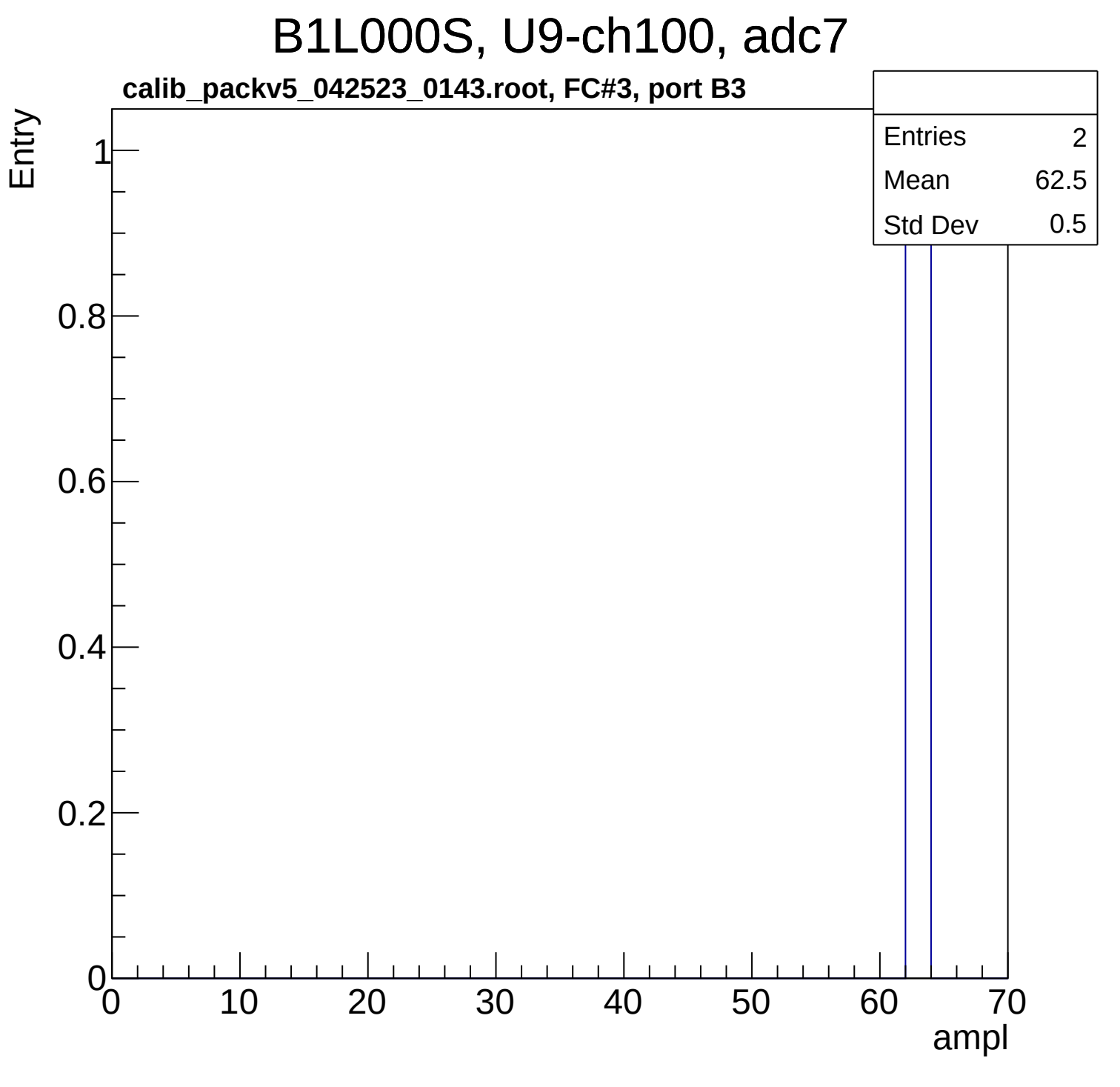
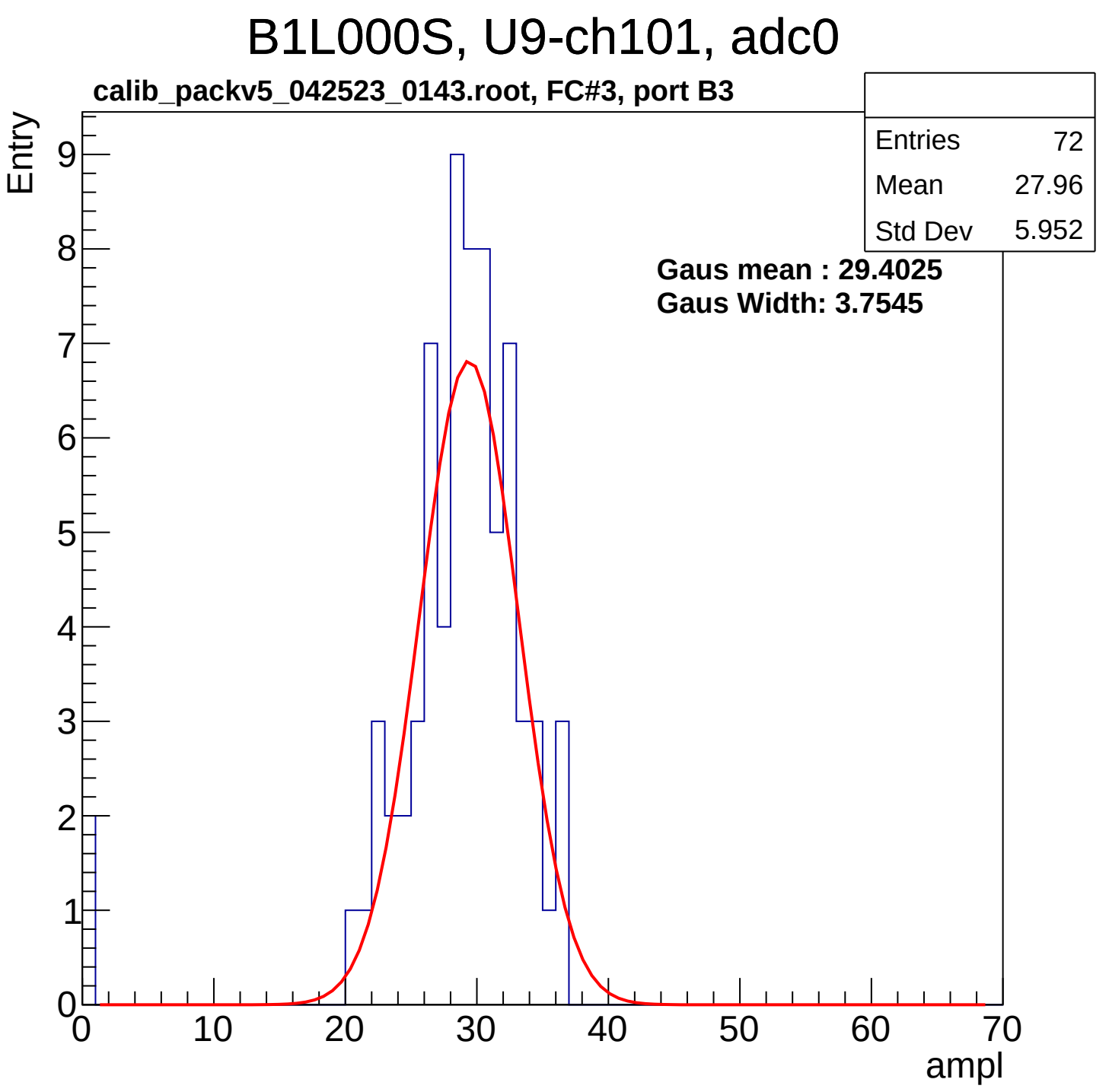

B1L000S, U9-ch100, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch101, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 27.96
Std Dev 5.952
Gaus mean : 29.4025
Gaus Width: 3.7545
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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60
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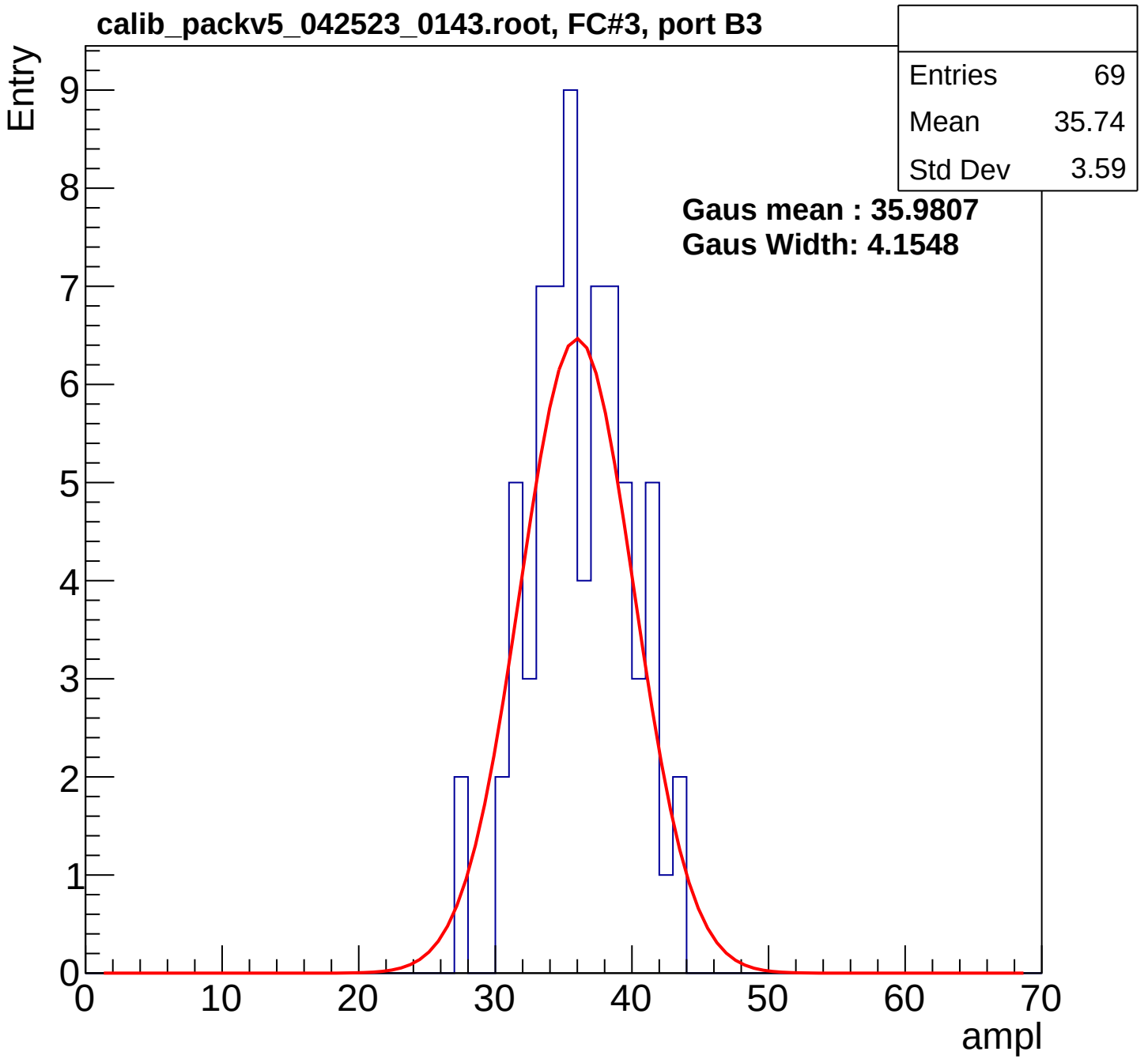
B1L000S, U9-ch101, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.74
Std Dev 3.59
Gaus mean : 35.9807
Gaus Width: 4.1548
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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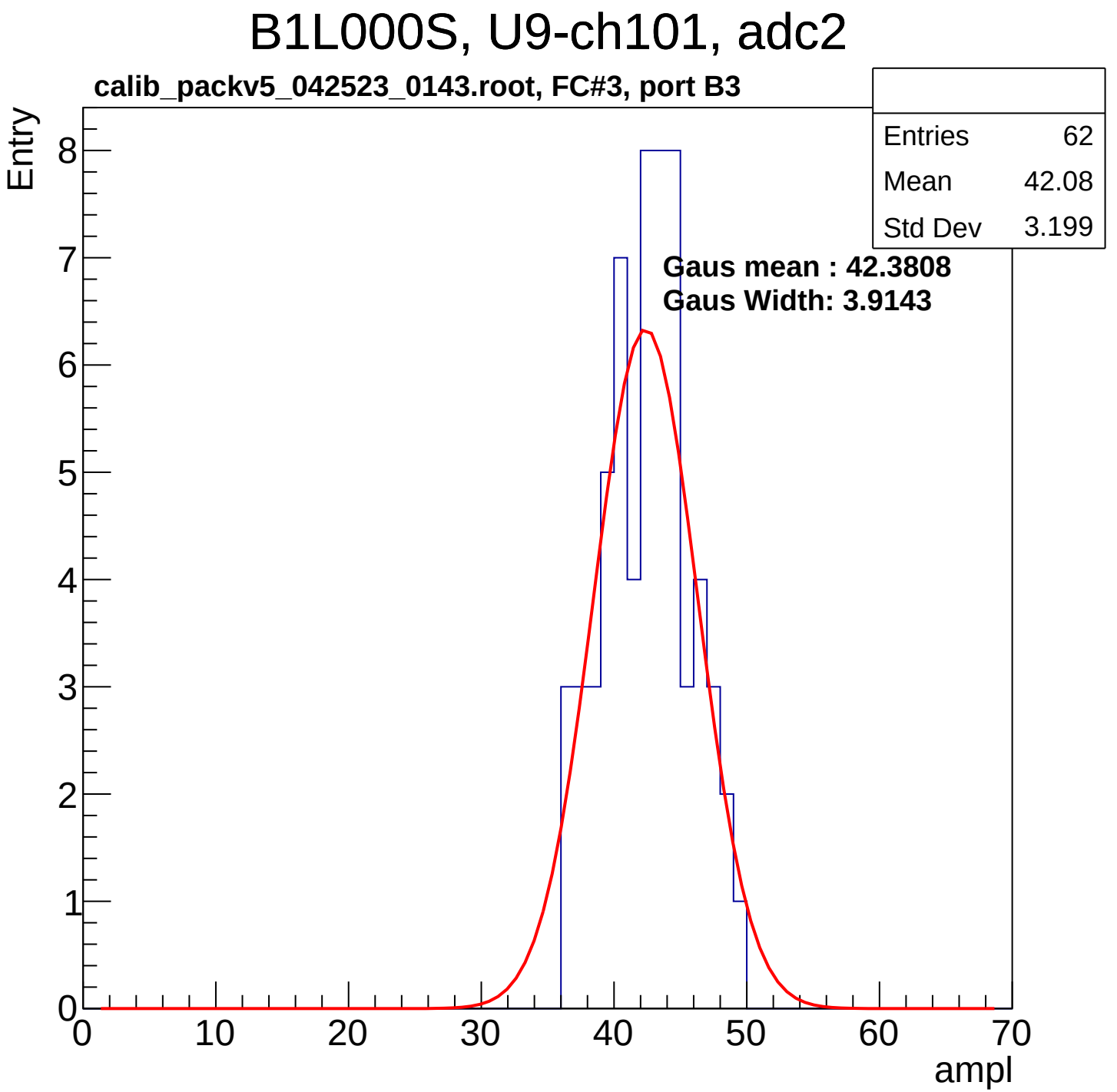
B1L000S, U9-ch101, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.08
Std Dev 3.199
Gaus mean : 42.3808
Gaus Width: 3.9143
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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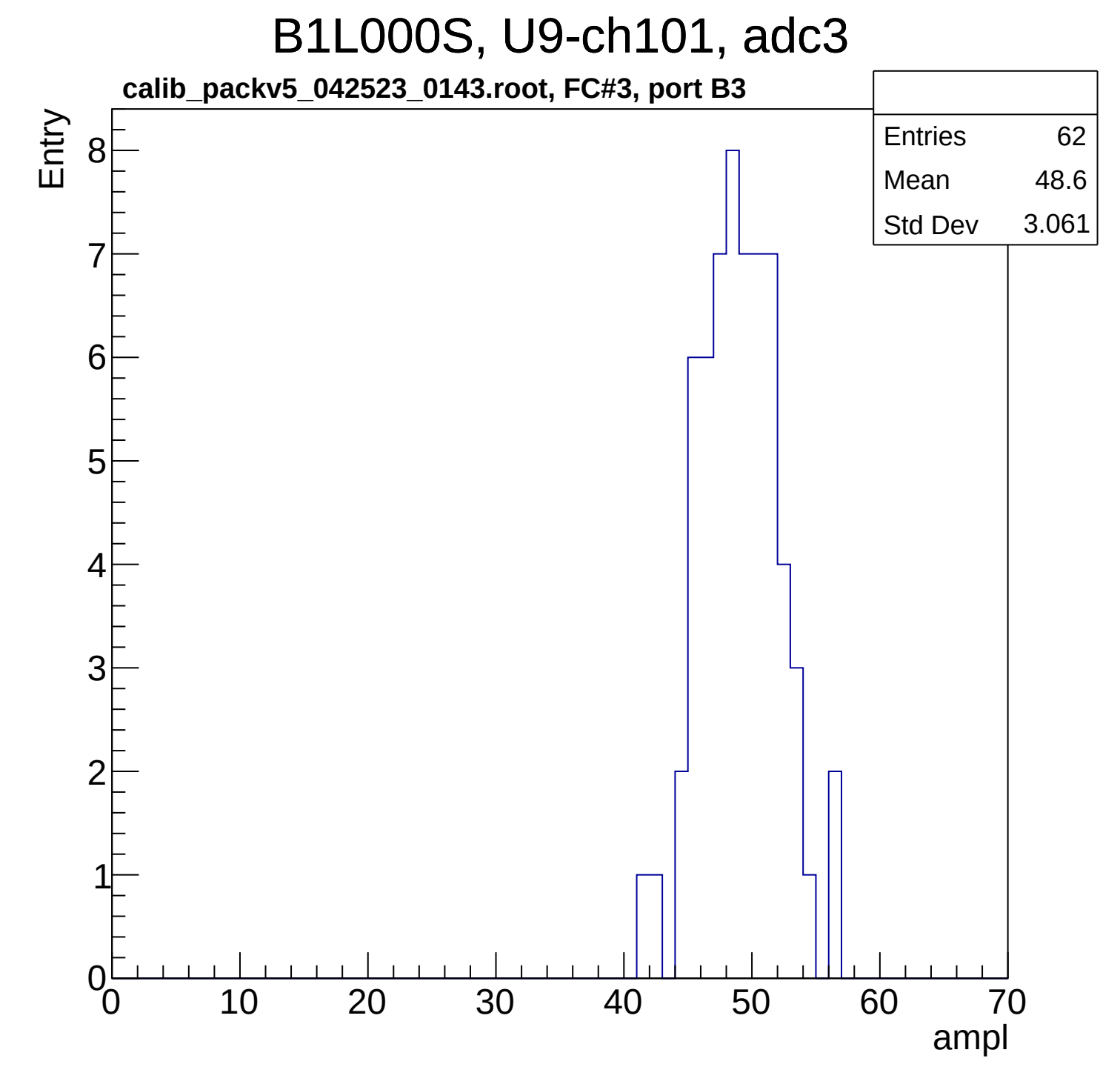
B1L000S, U9-ch101, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.6
Std Dev 3.061
Entry
ampl
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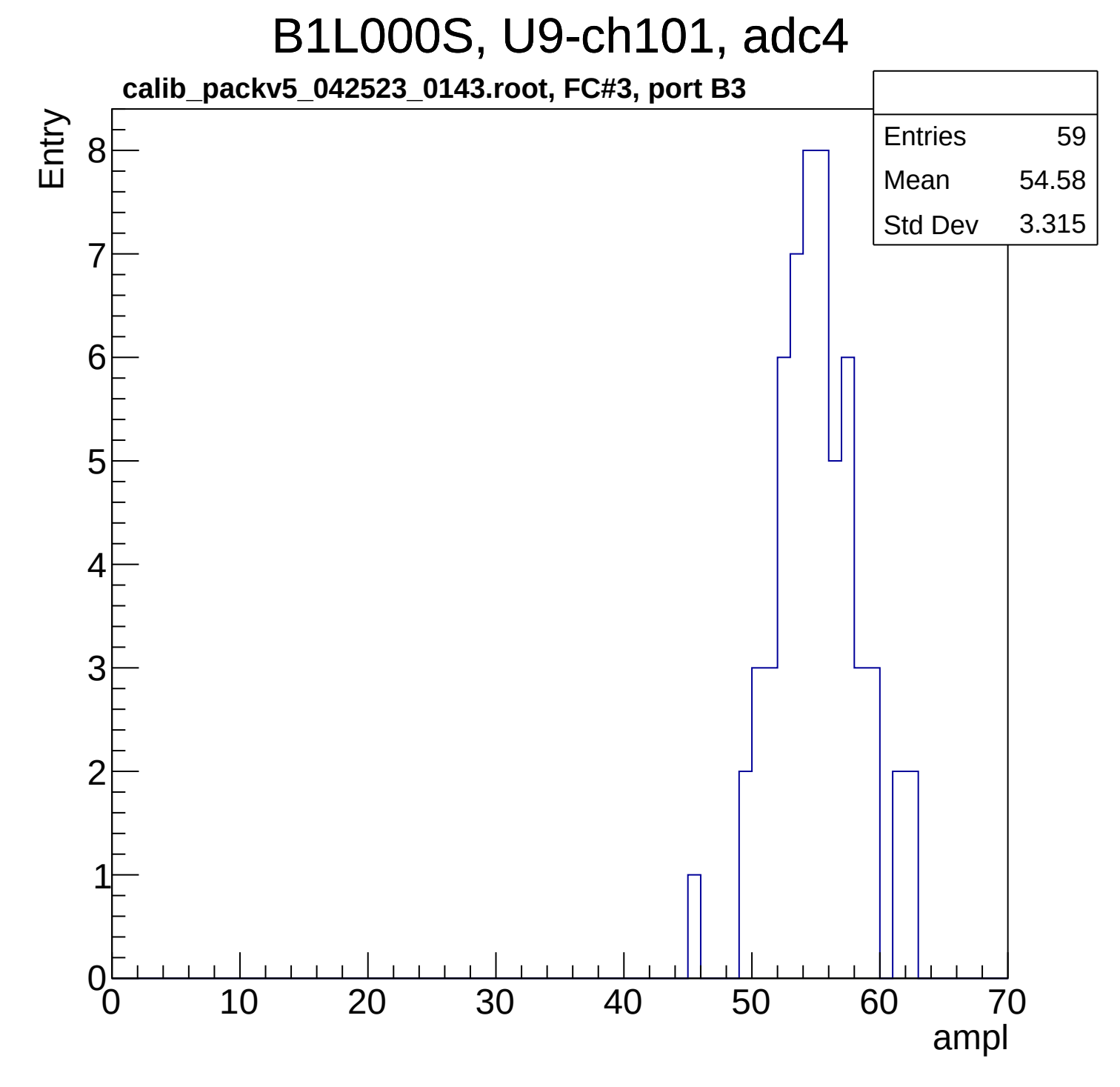
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch101, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.58
Std Dev 3.315
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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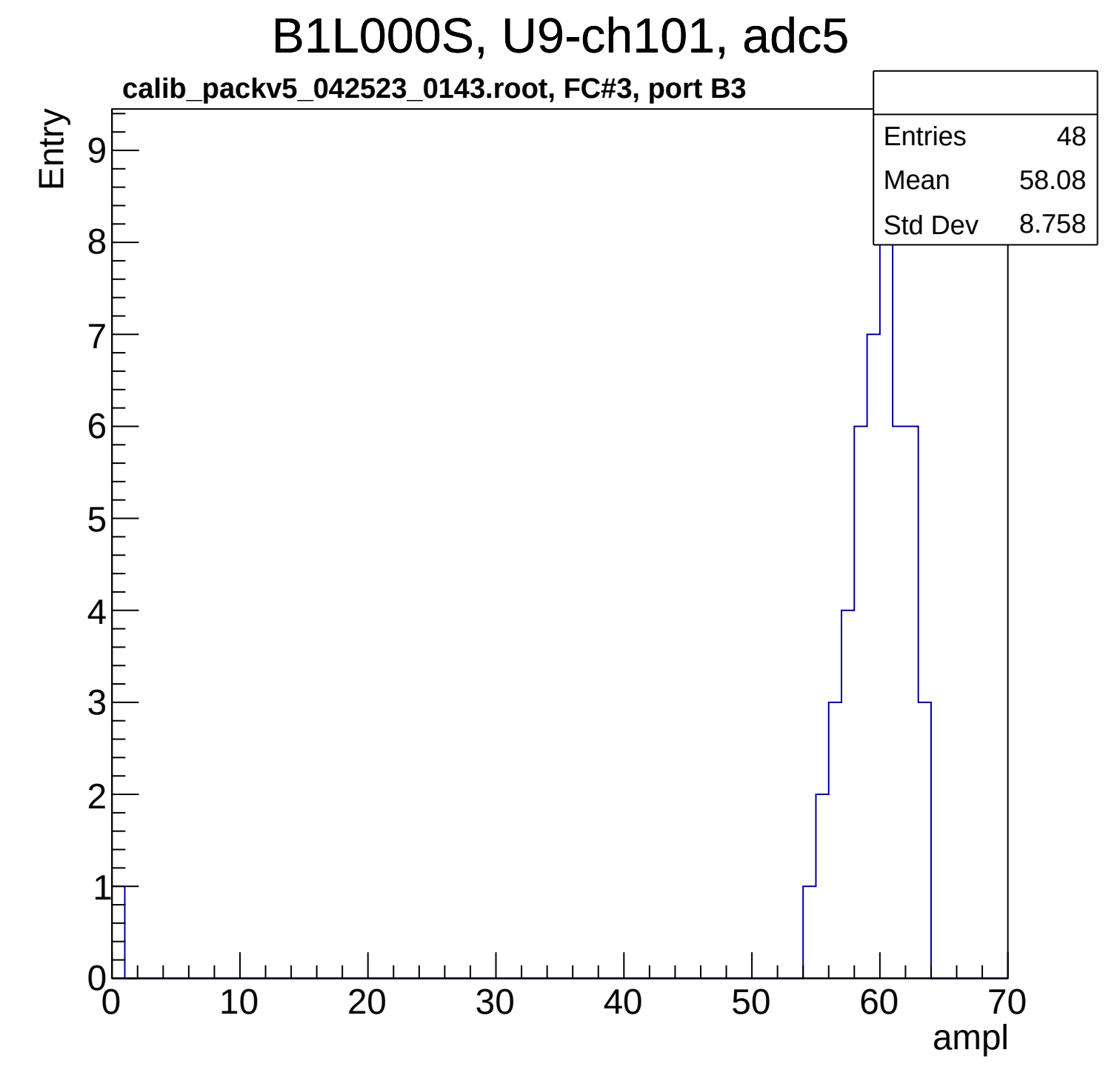
B1L000S, U9-ch101, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.08
Std Dev 8.758
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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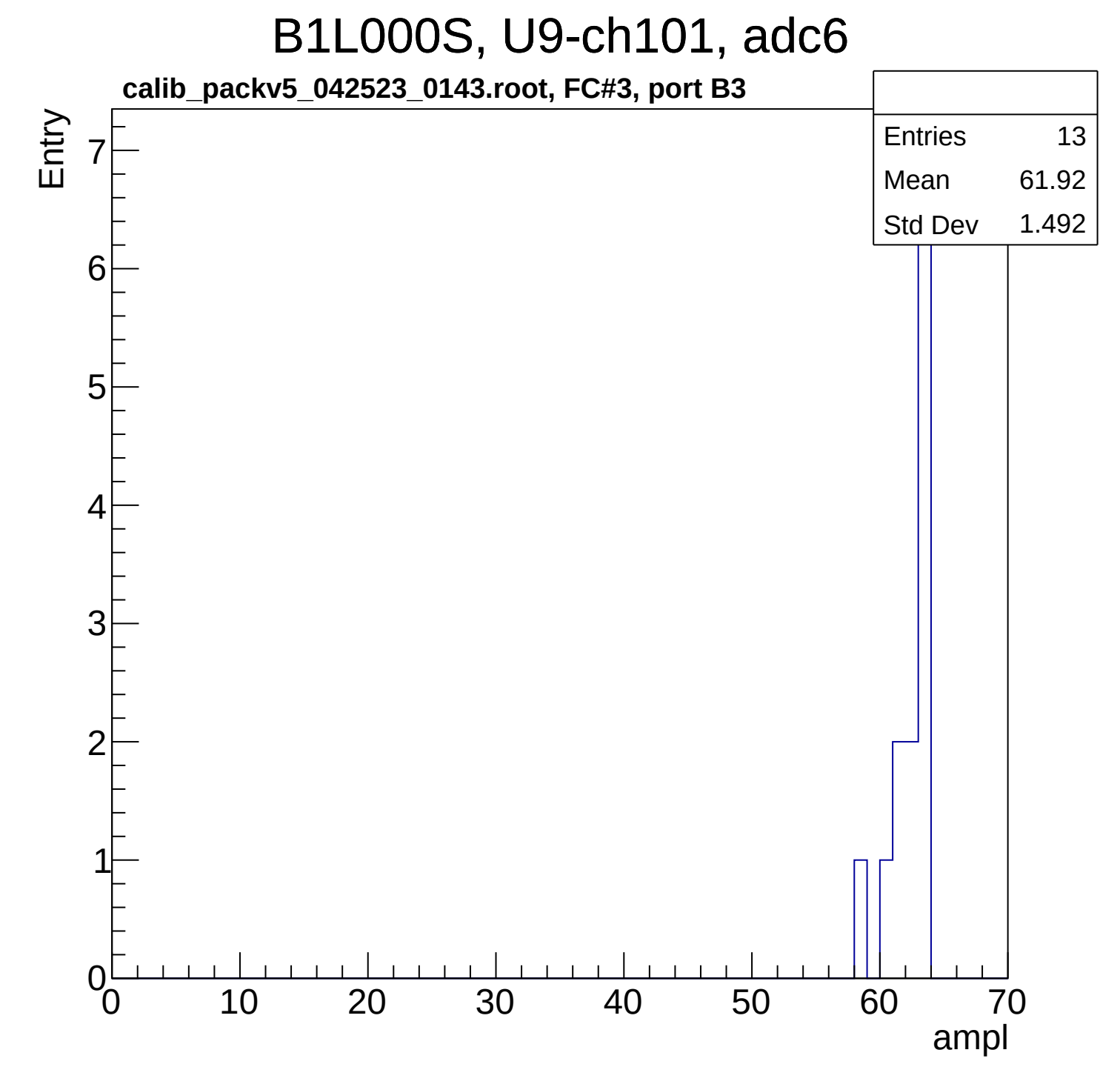
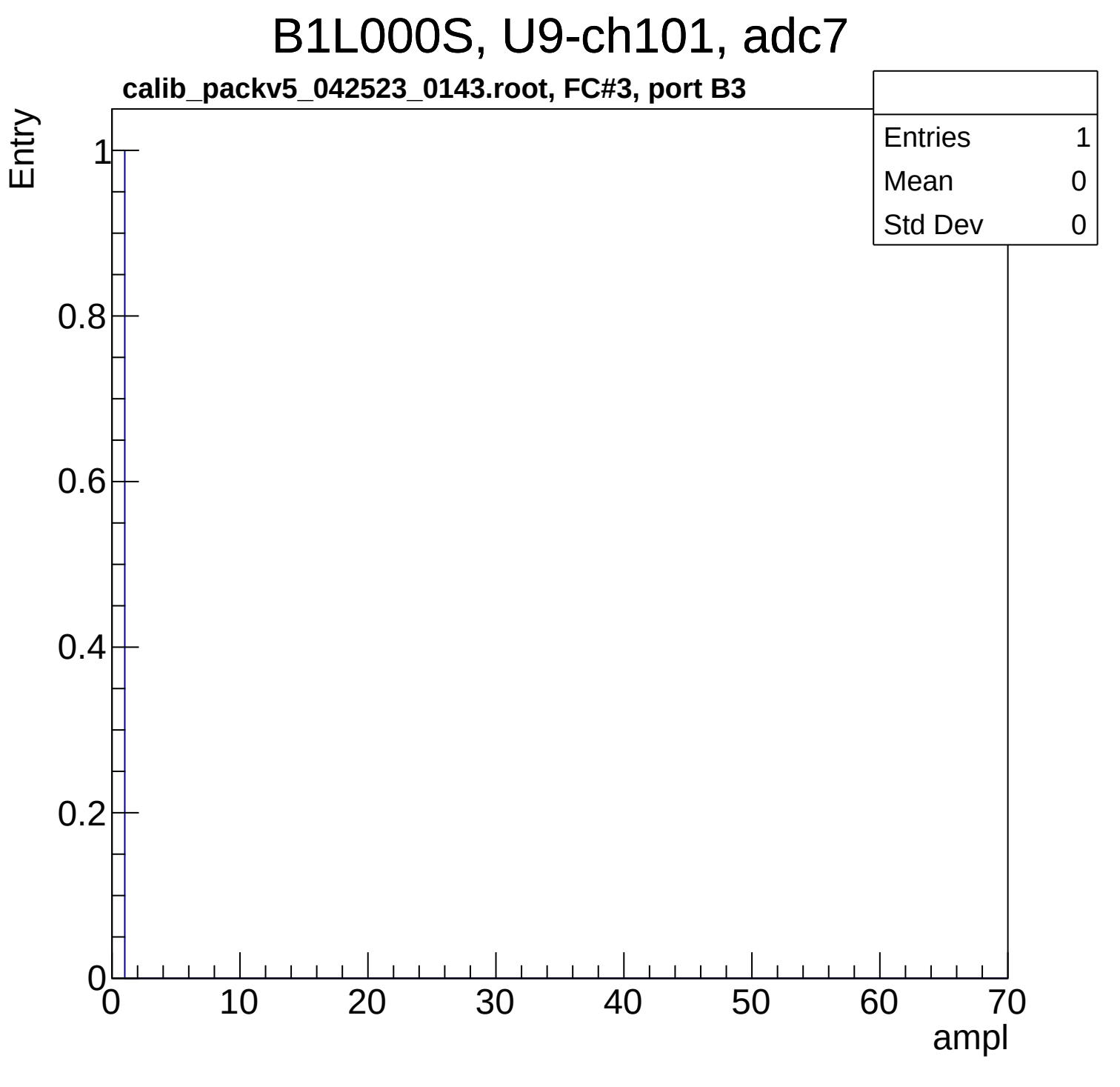
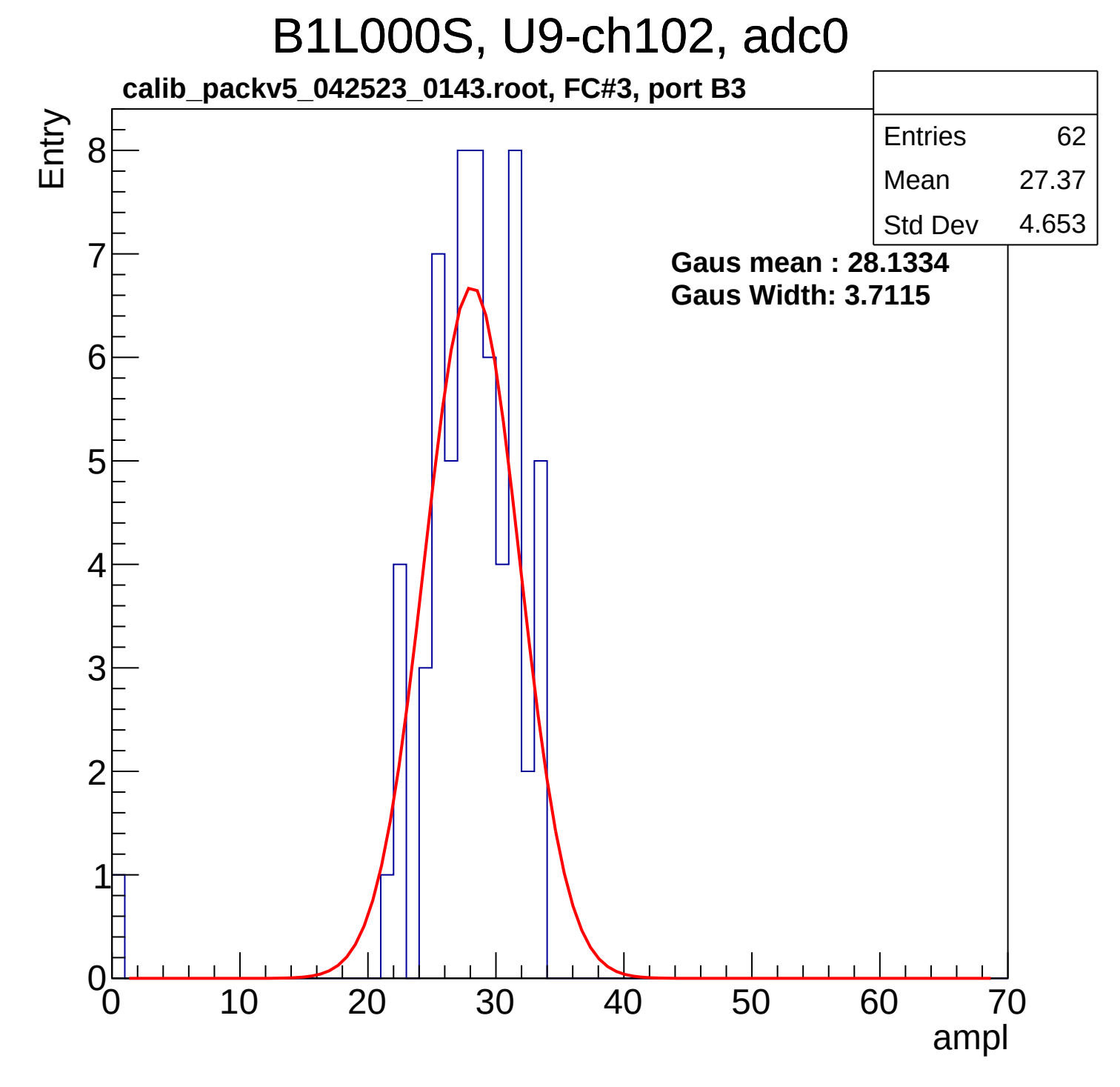
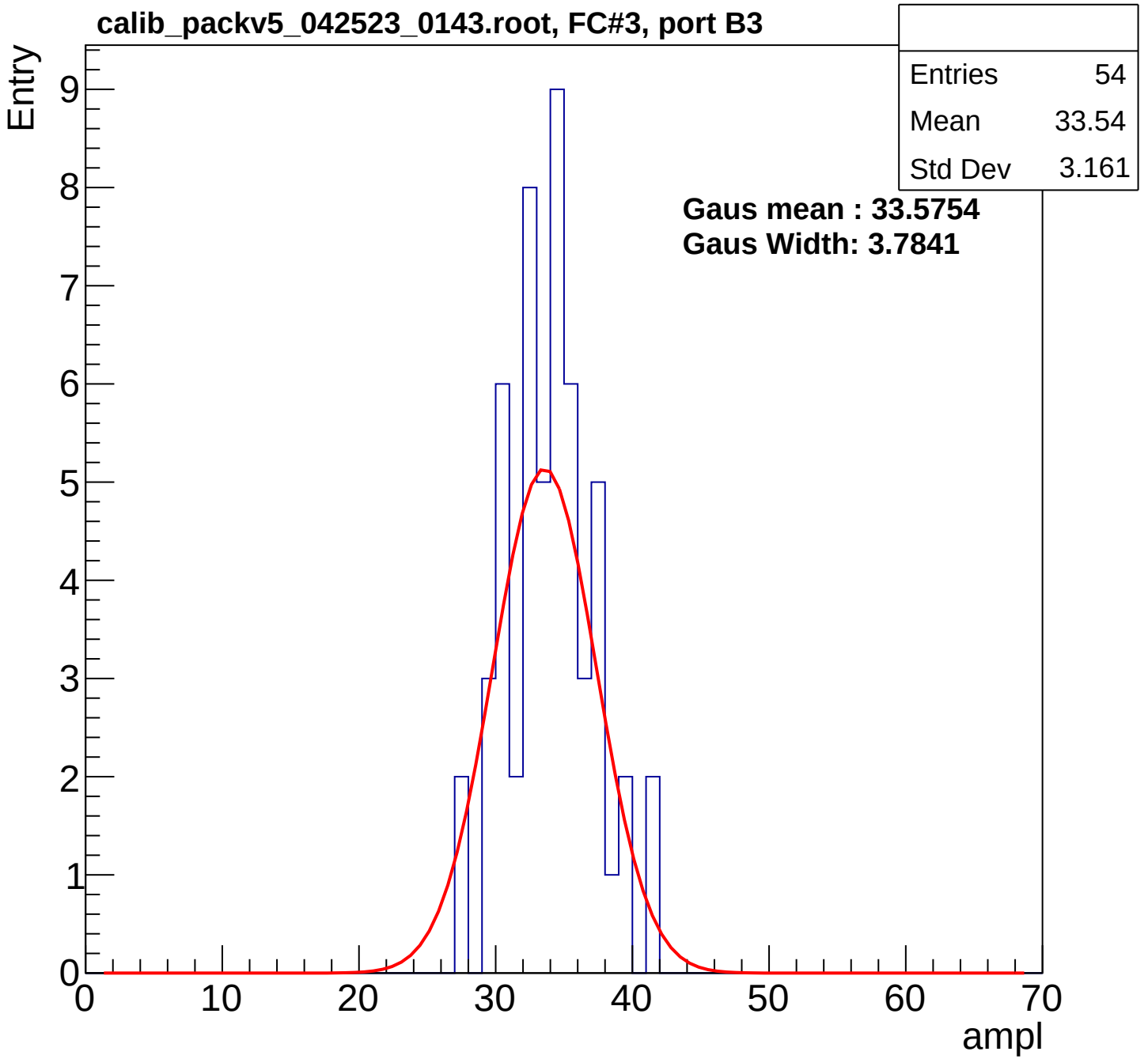

B1L000S, U9-ch101, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.92
Std Dev 1.492
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch101, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch102, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 27.37
Std Dev 4.653
Gaus mean : 28.1334
Gaus Width: 3.7115
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch102, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 33.54
Std Dev 3.161
Gaus mean : 33.5754
Gaus Width: 3.7841
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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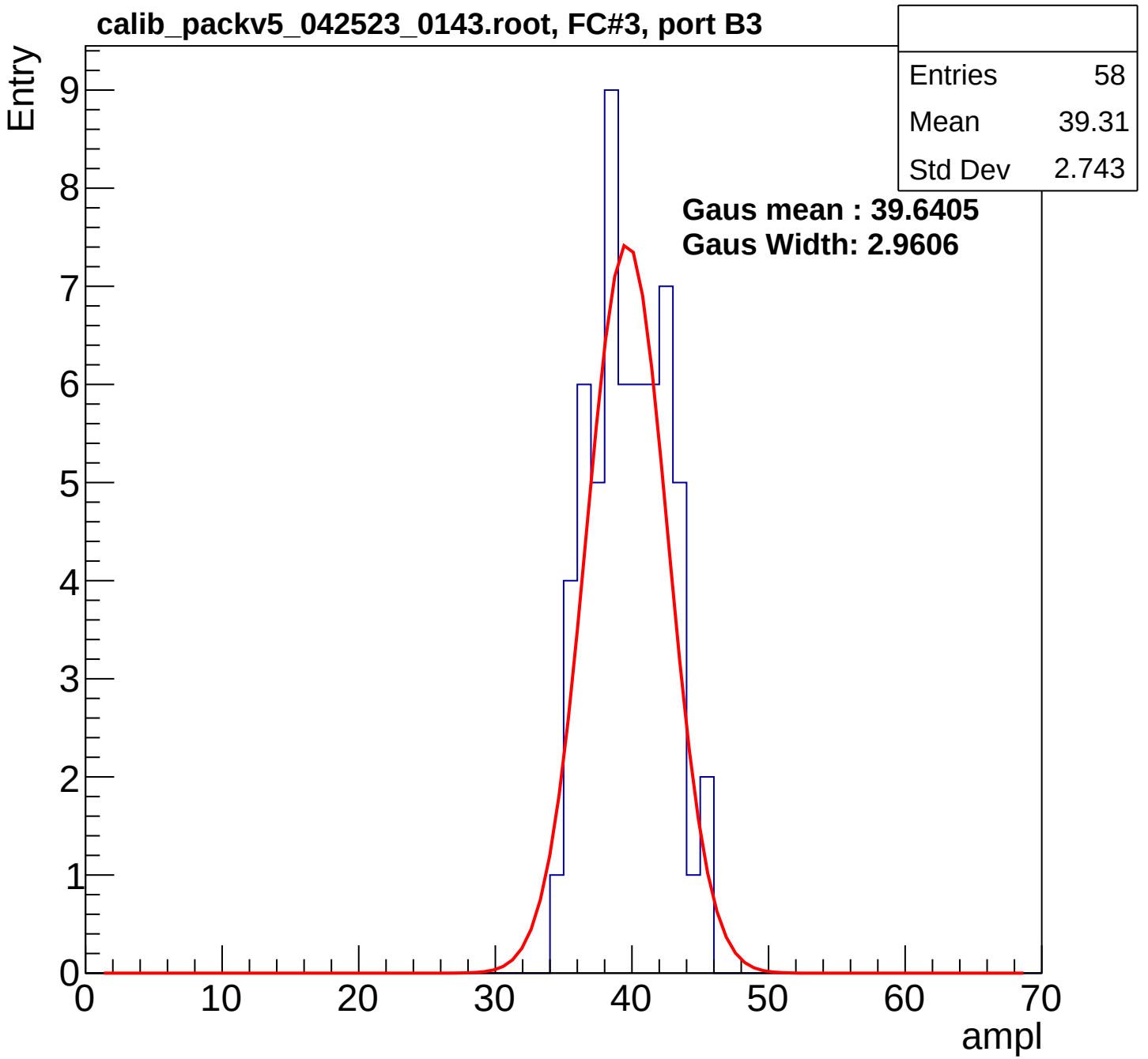
B1L000S, U9-ch102, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 39.31
Std Dev 2.743
Gaus mean : 39.6405
Gaus Width: 2.9606
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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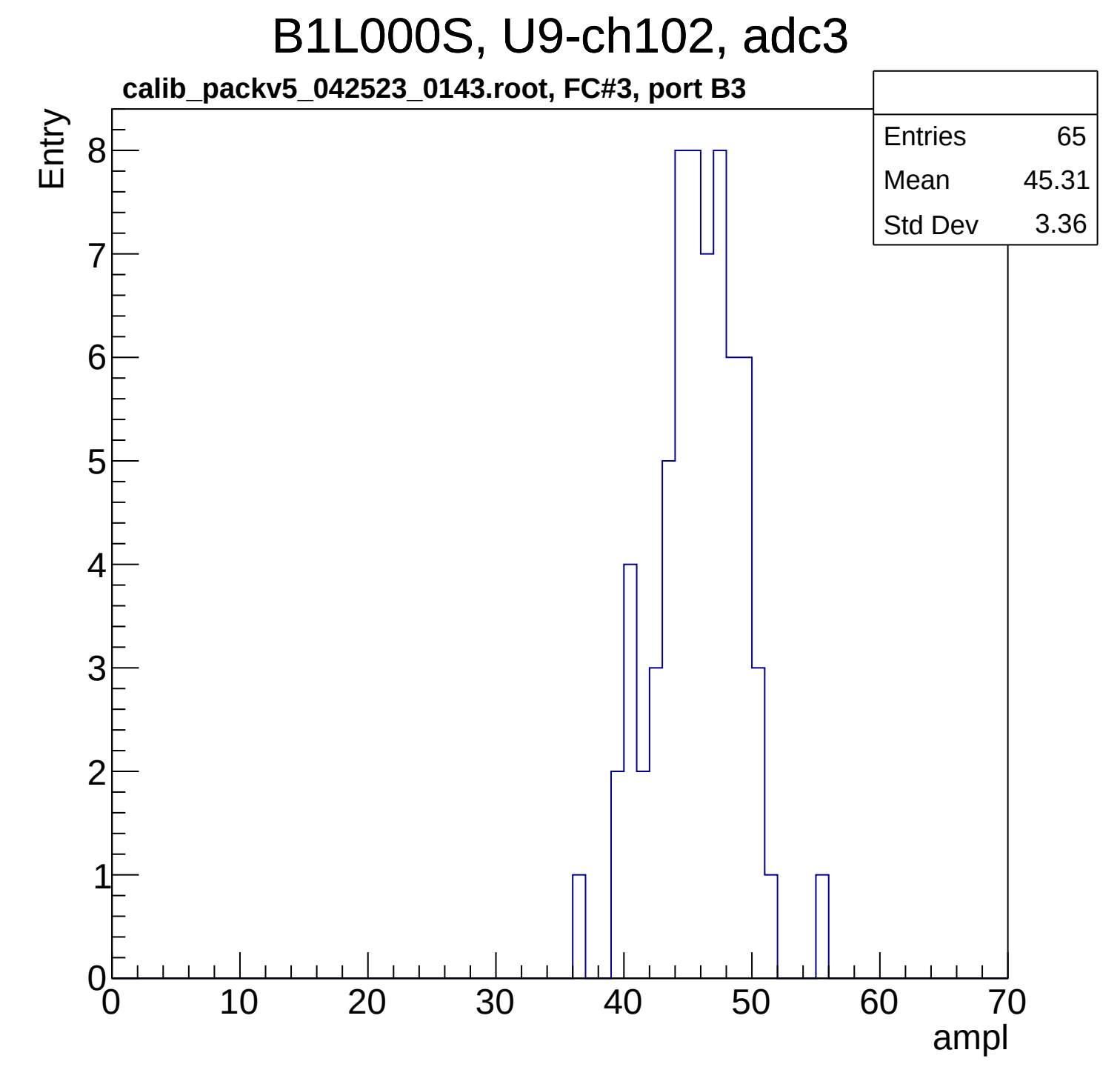
B1L000S, U9-ch102, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 45.31
Std Dev 3.36
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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60
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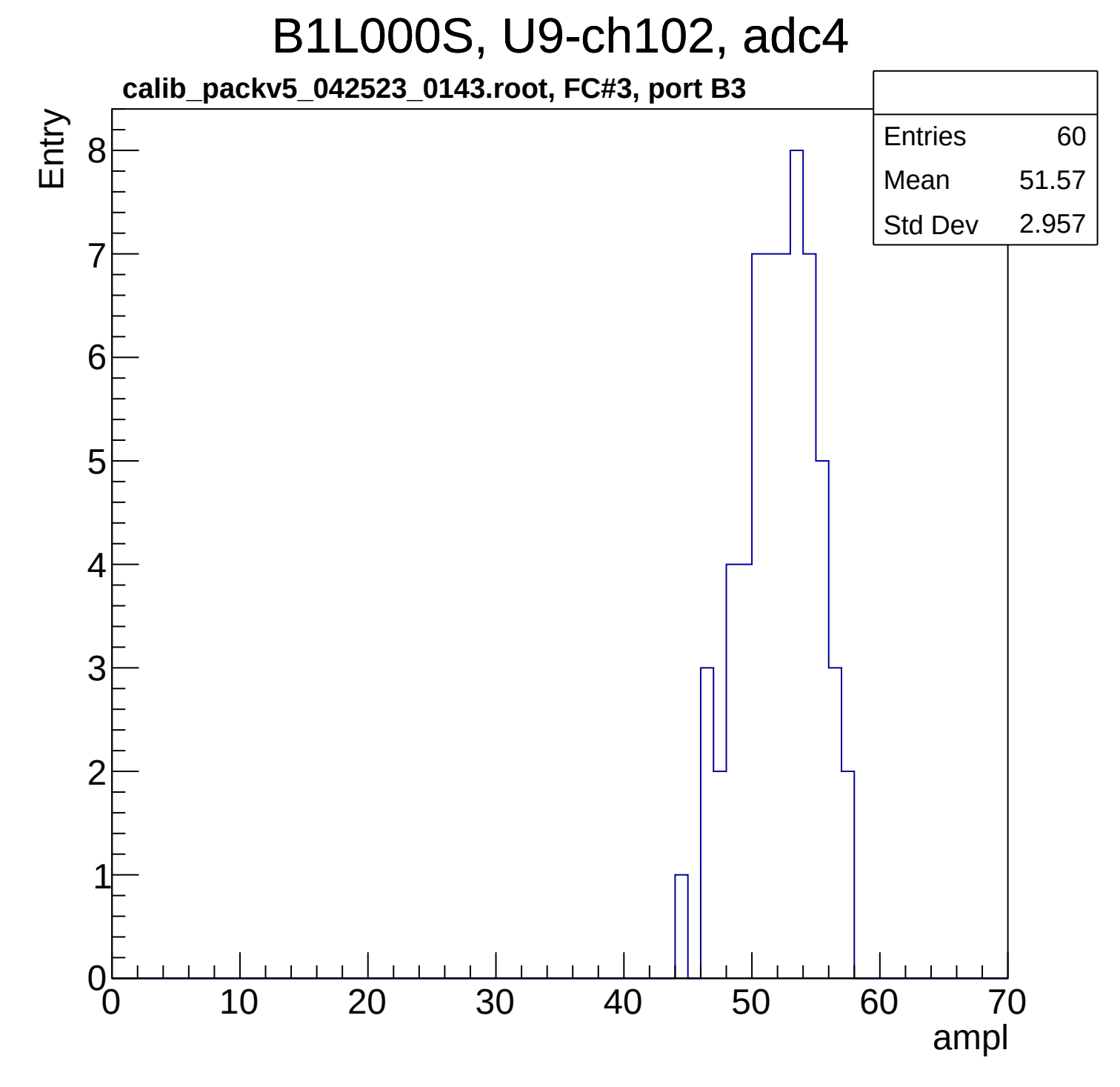
B1L000S, U9-ch102, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 51.57
Std Dev 2.957
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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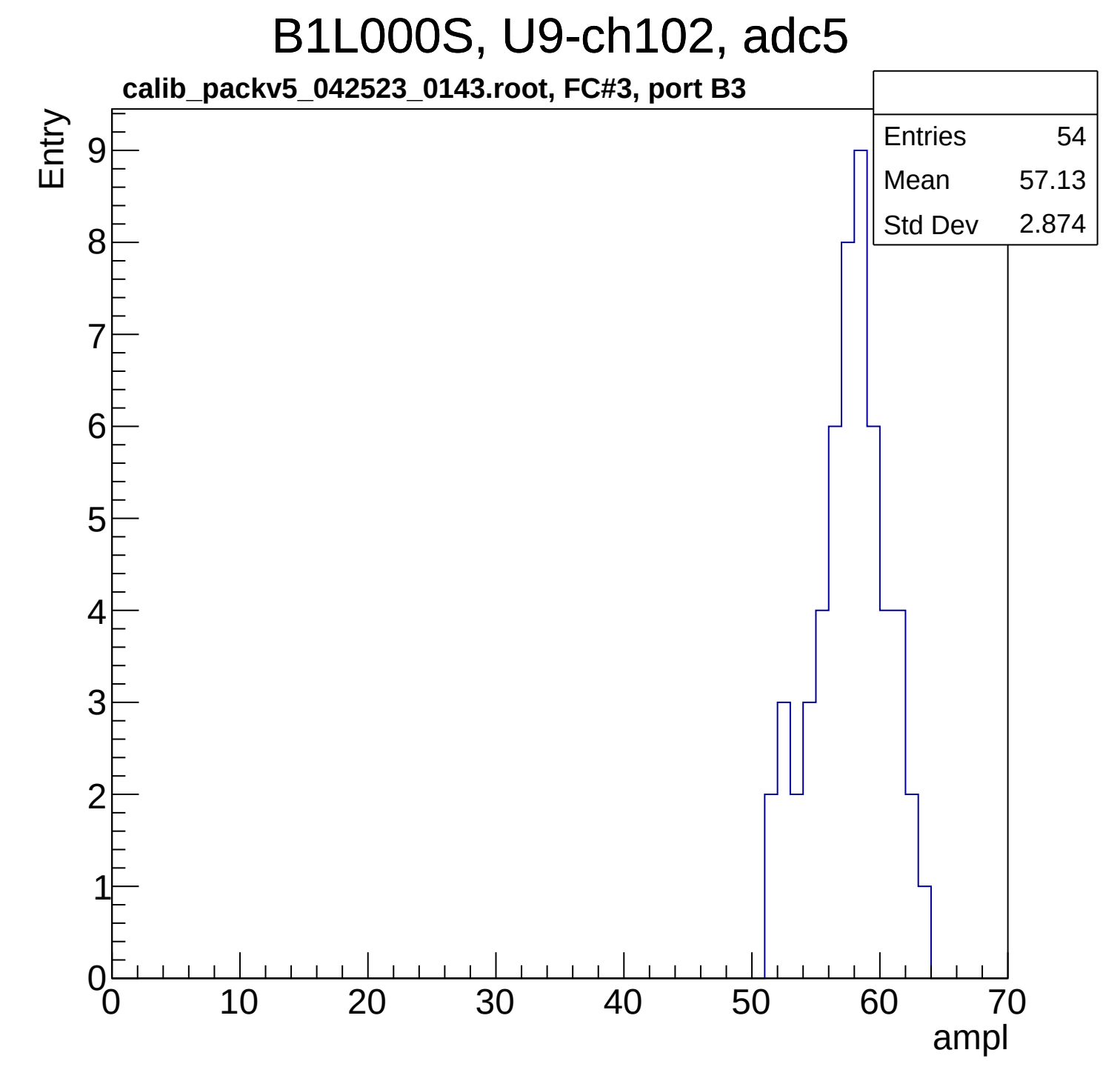
B1L000S, U9-ch102, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 57.13
Std Dev 2.874
Entry
ampl
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3
4
5
6
7
8
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0
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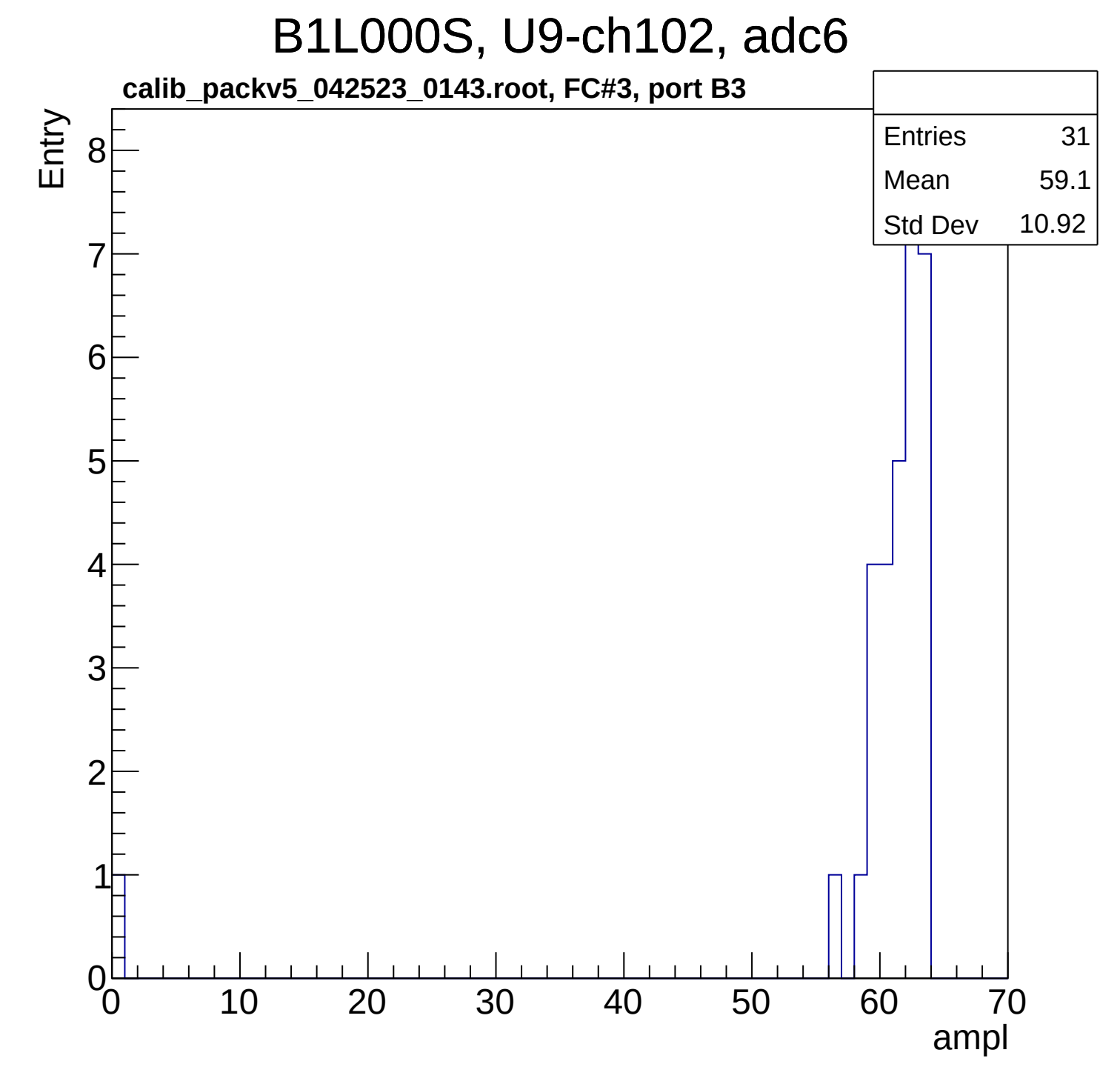
B1L000S, U9-ch102, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 31
Mean 59.1
Std Dev 10.92
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
50
60
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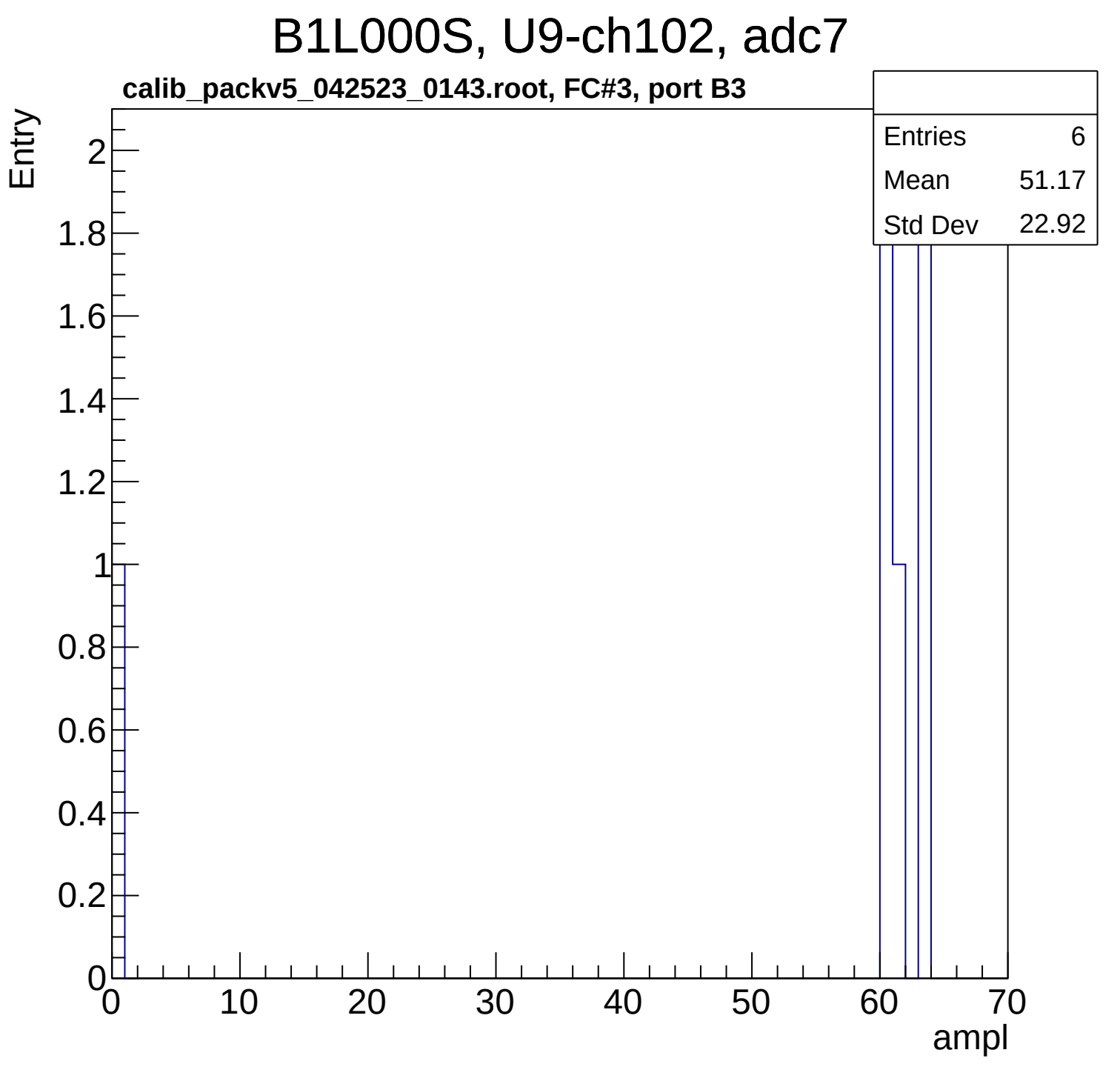
B1L000S, U9-ch102, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 51.17
Std Dev 22.92
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
2
0
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60
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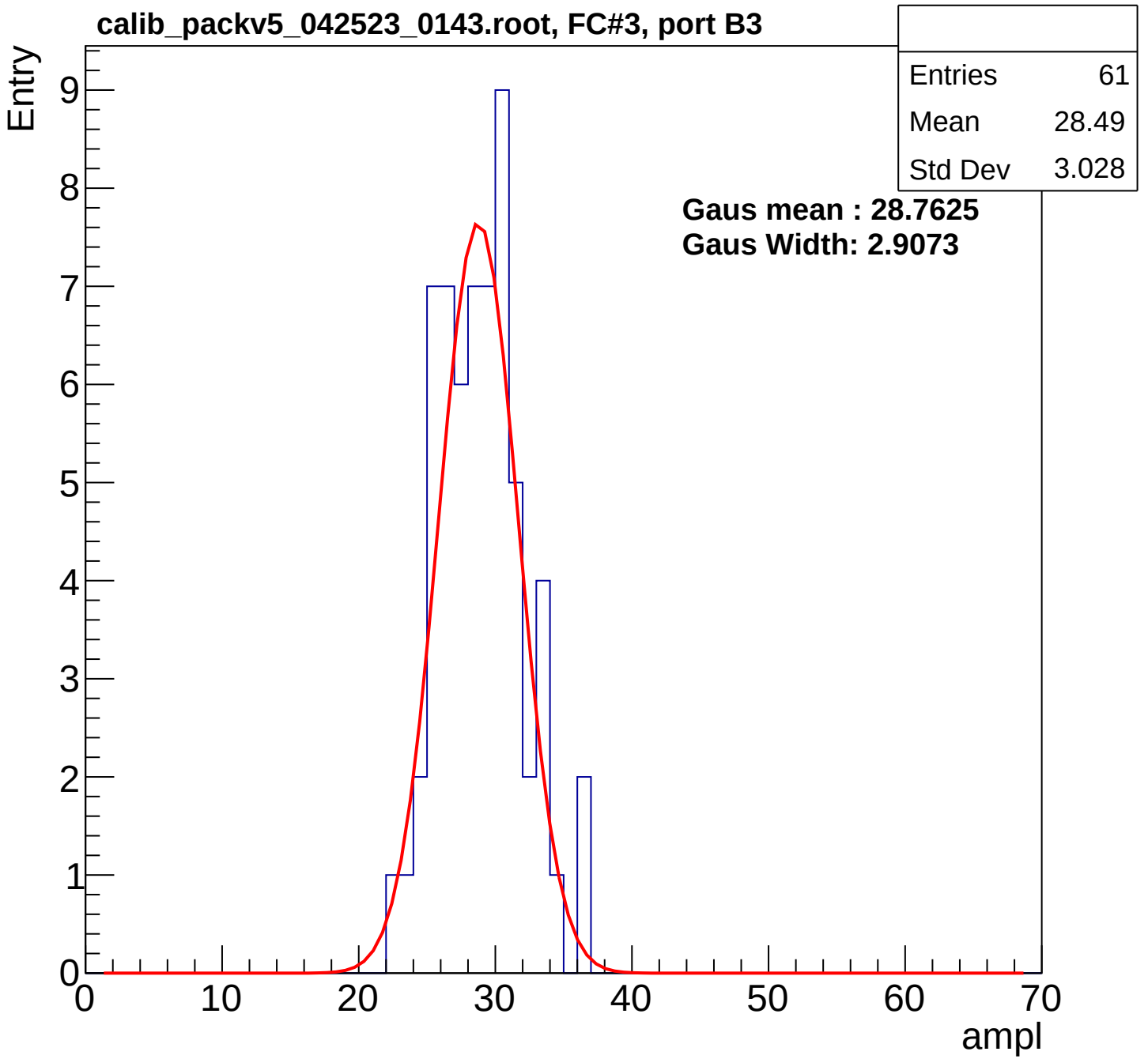
B1L000S, U9-ch103, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 28.49
Std Dev 3.028
Gaus mean : 28.7625
Gaus Width: 2.9073
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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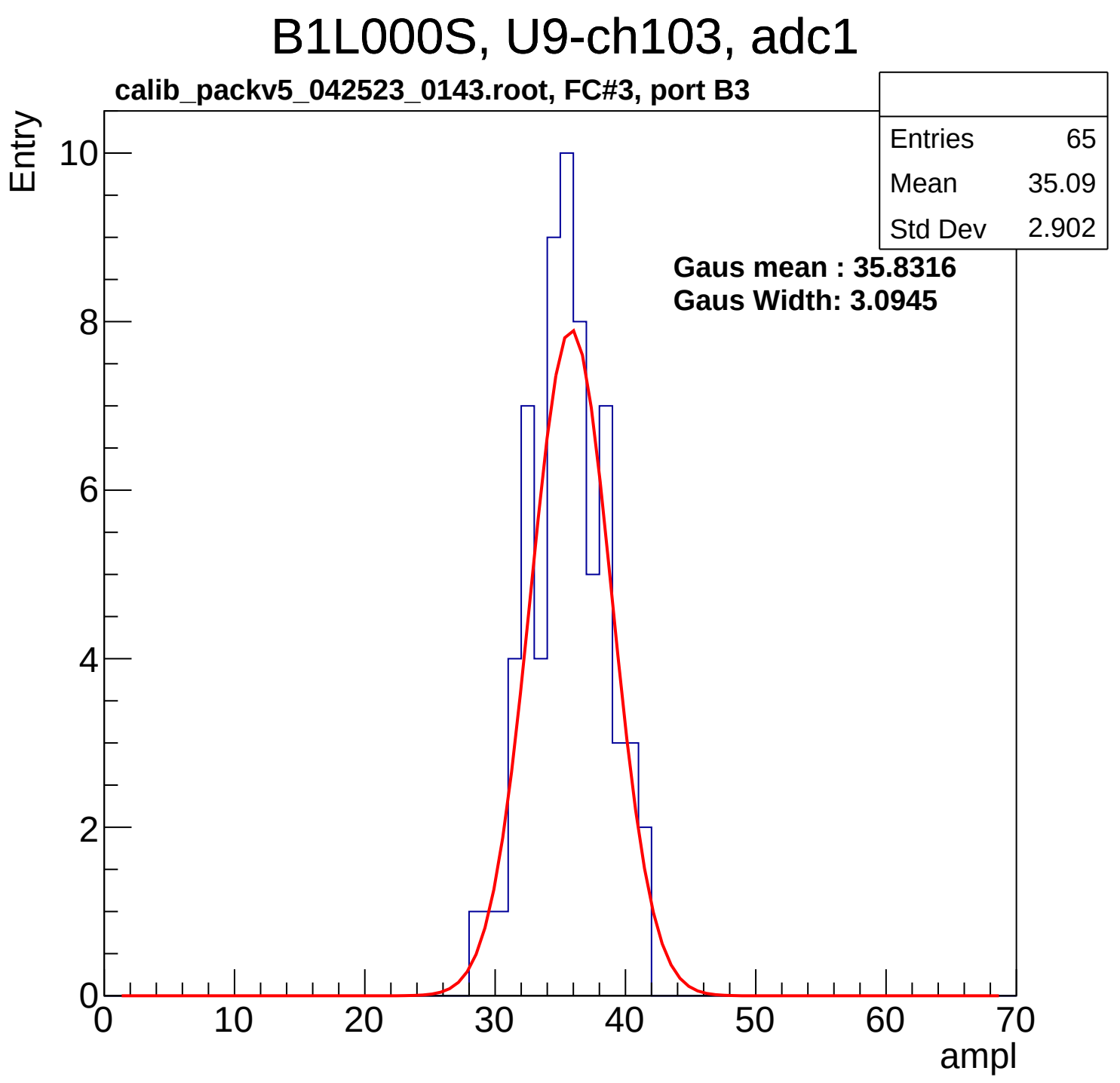
B1L000S, U9-ch103, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.09
Std Dev 2.902
Gaus mean : 35.8316
Gaus Width: 3.0945
Entry
ampl
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2
4
6
8
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0
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60
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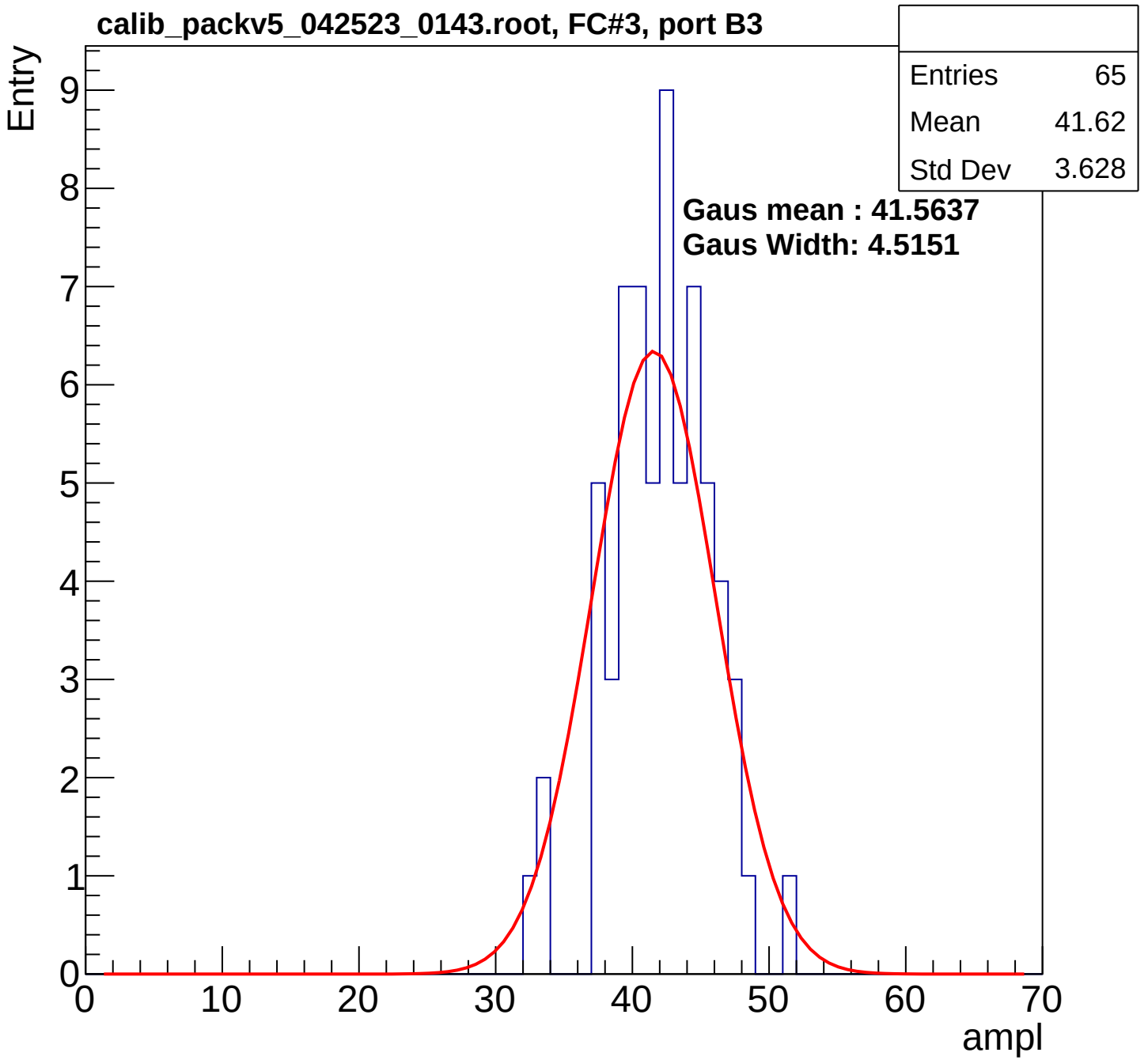
B1L000S, U9-ch103, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.62
Std Dev 3.628
Gaus mean : 41.5637
Gaus Width: 4.5151
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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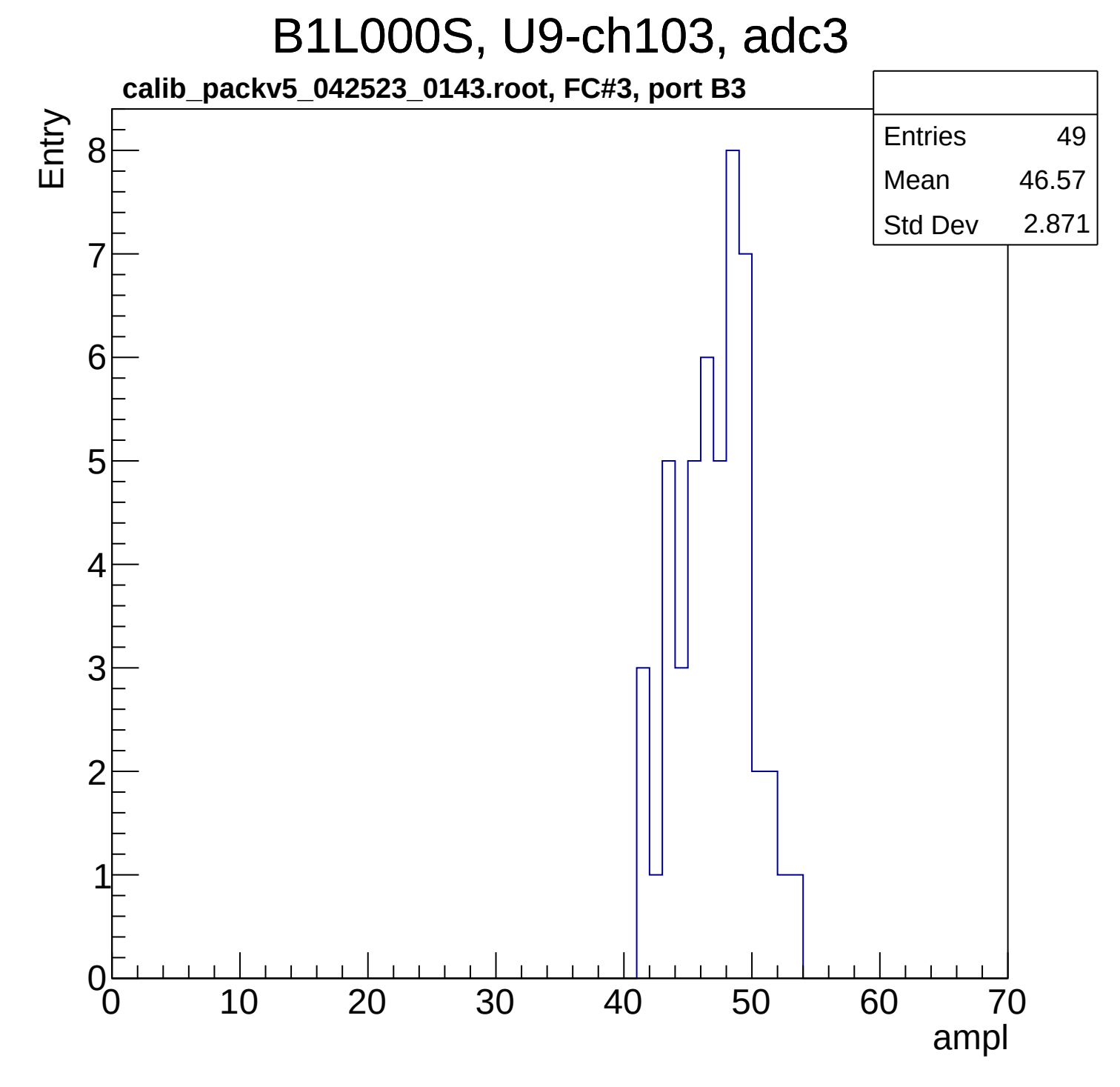
B1L000S, U9-ch103, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 46.57
Std Dev 2.871
Entry
ampl
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5
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7
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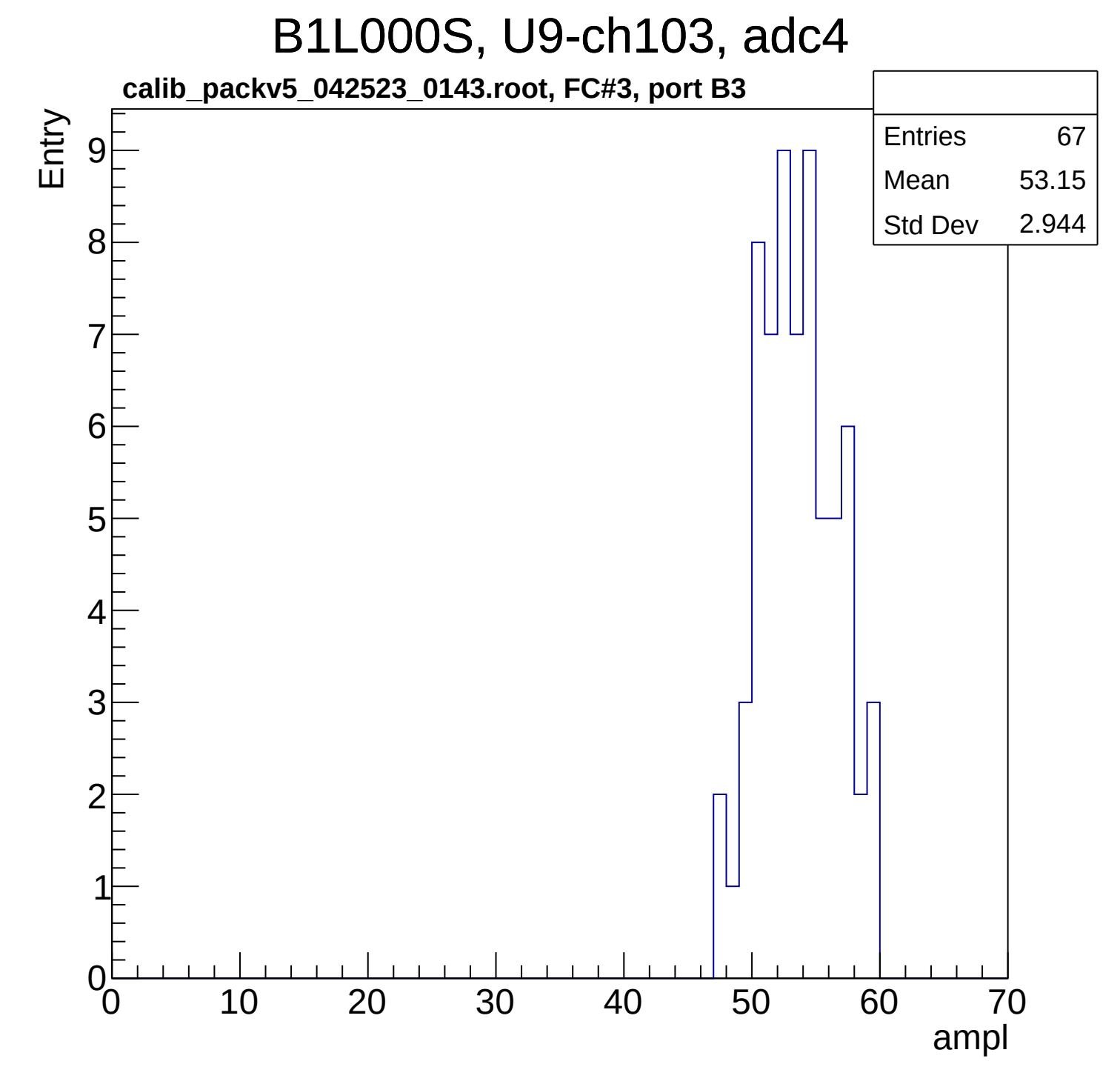
B1L000S, U9-ch103, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 53.15
Std Dev 2.944
Entry
ampl
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3
4
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6
7
8
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60
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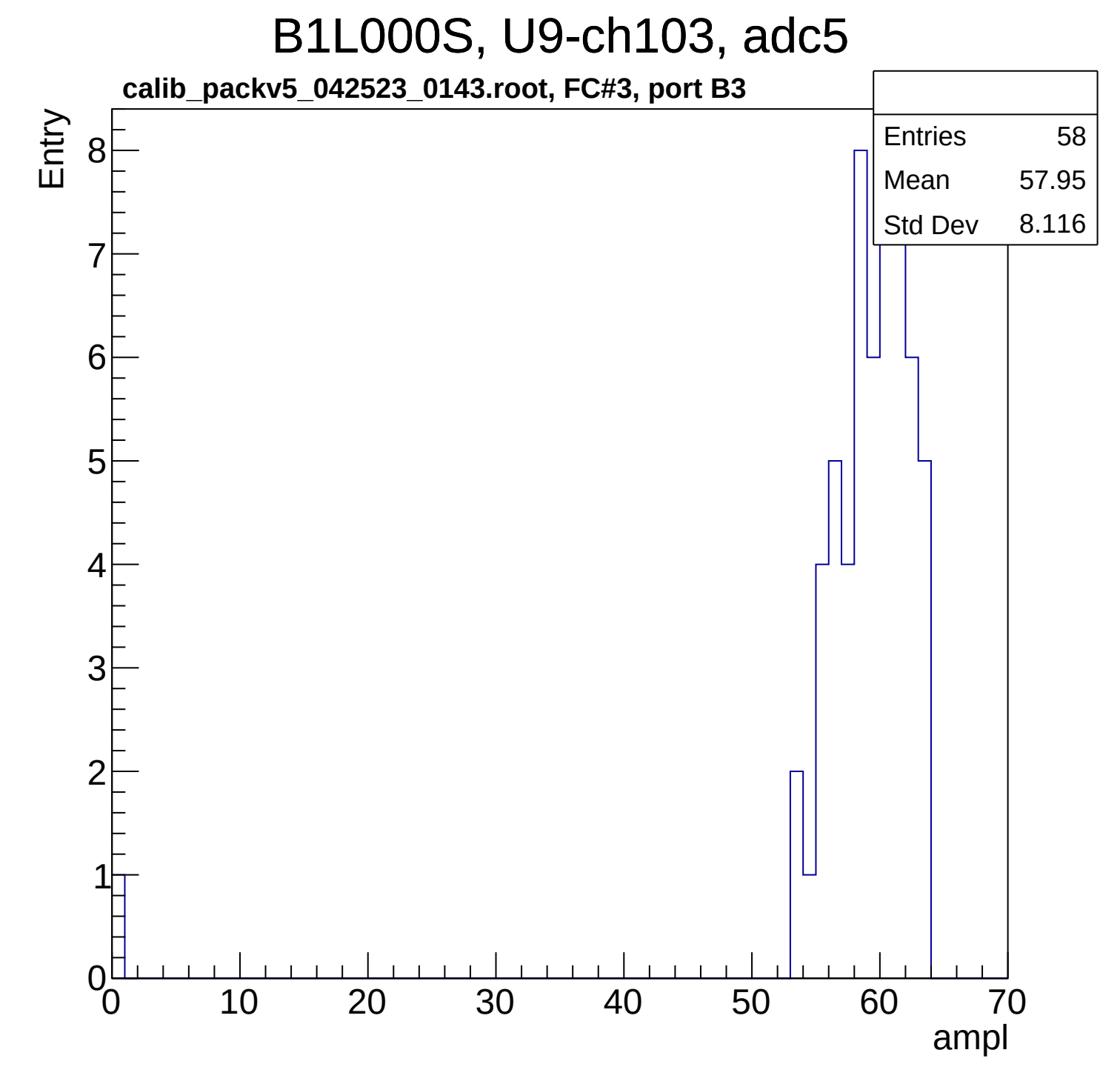
B1L000S, U9-ch103, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 57.95
Std Dev 8.116
Entry
ampl
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1
2
3
4
5
6
7
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0
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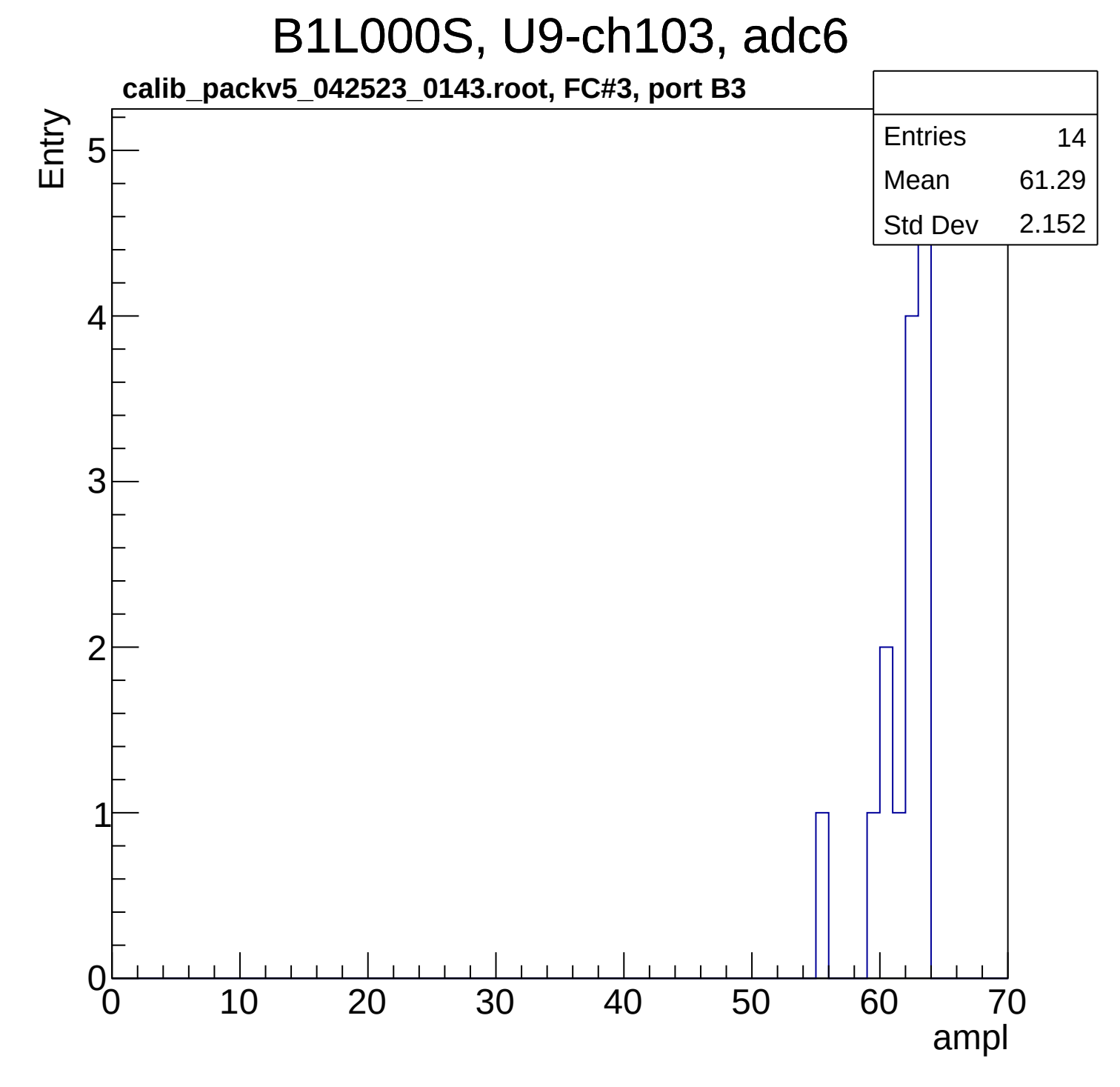
B1L000S, U9-ch103, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.29
Std Dev 2.152
Entry
ampl
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3
4
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0
10
20
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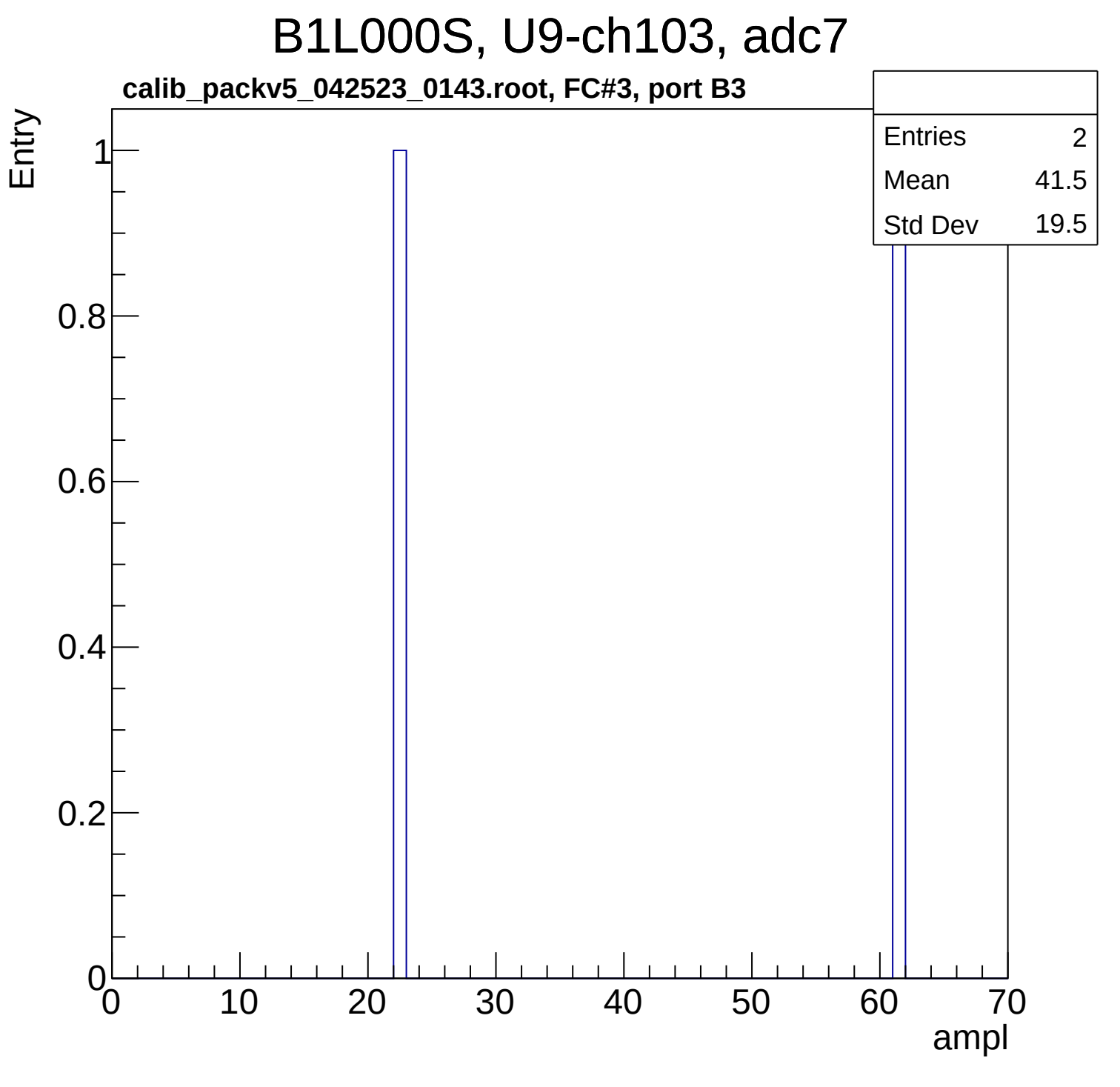
40
50
60
70


B1L000S, U9-ch103, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 19.5
Entry
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0.6
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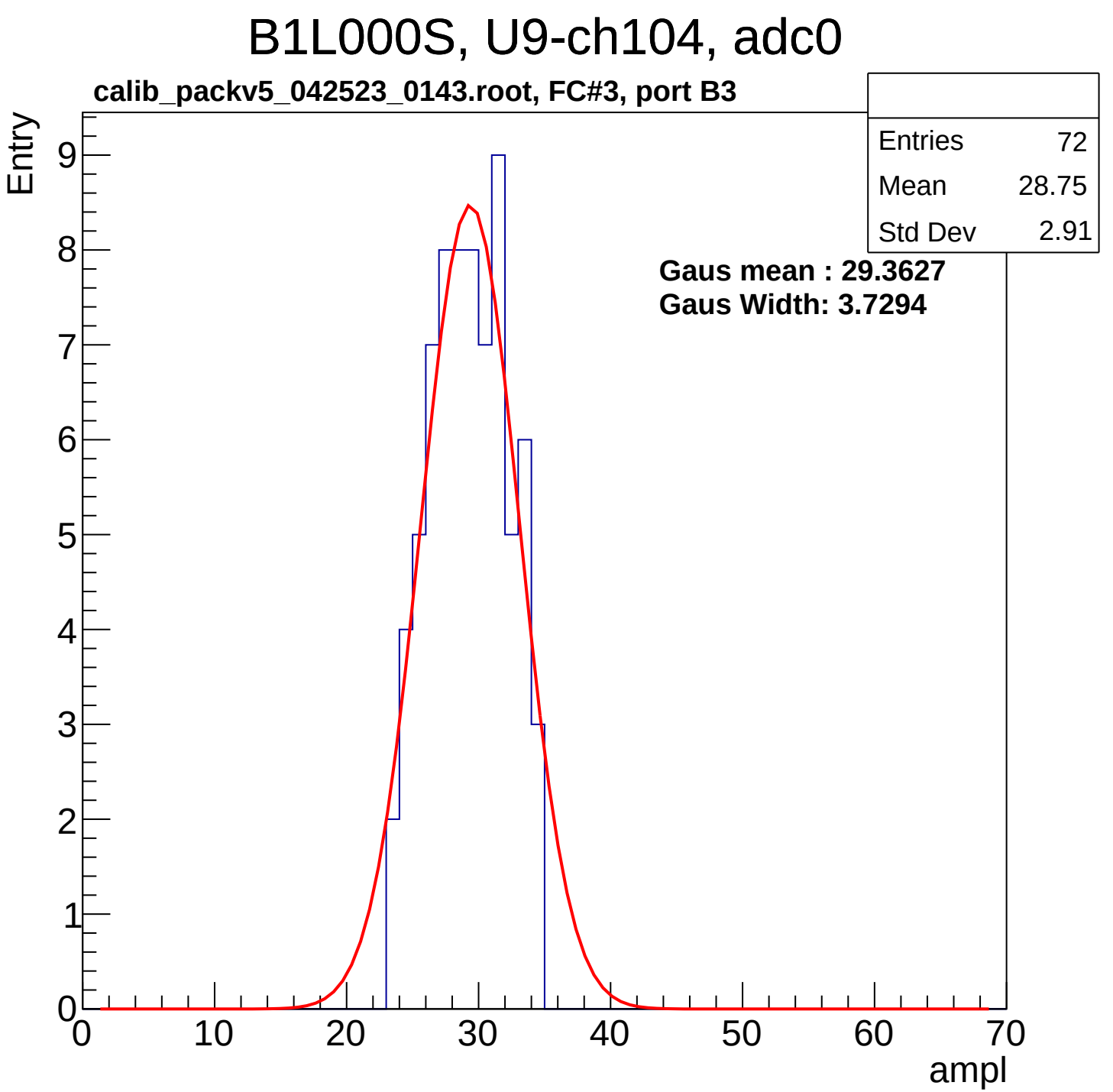
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch104, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.75
Std Dev 2.91
Gaus mean : 29.3627
Gaus Width: 3.7294
Entry
ampl
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2
3
4
5
6
7
8
9
0
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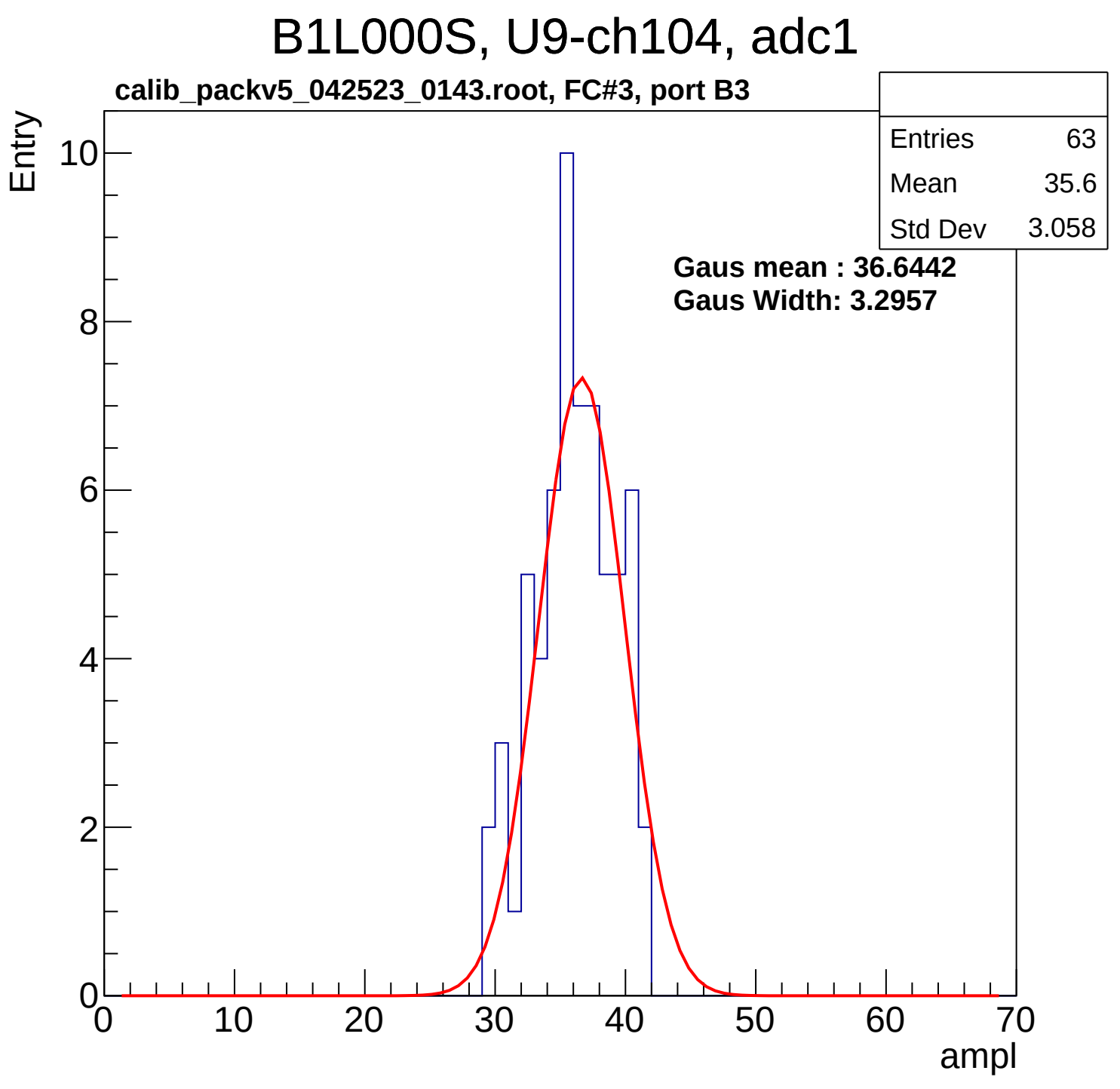
B1L000S, U9-ch104, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 35.6
Std Dev 3.058
Gaus mean : 36.6442
Gaus Width: 3.2957
Entry
ampl
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0
10
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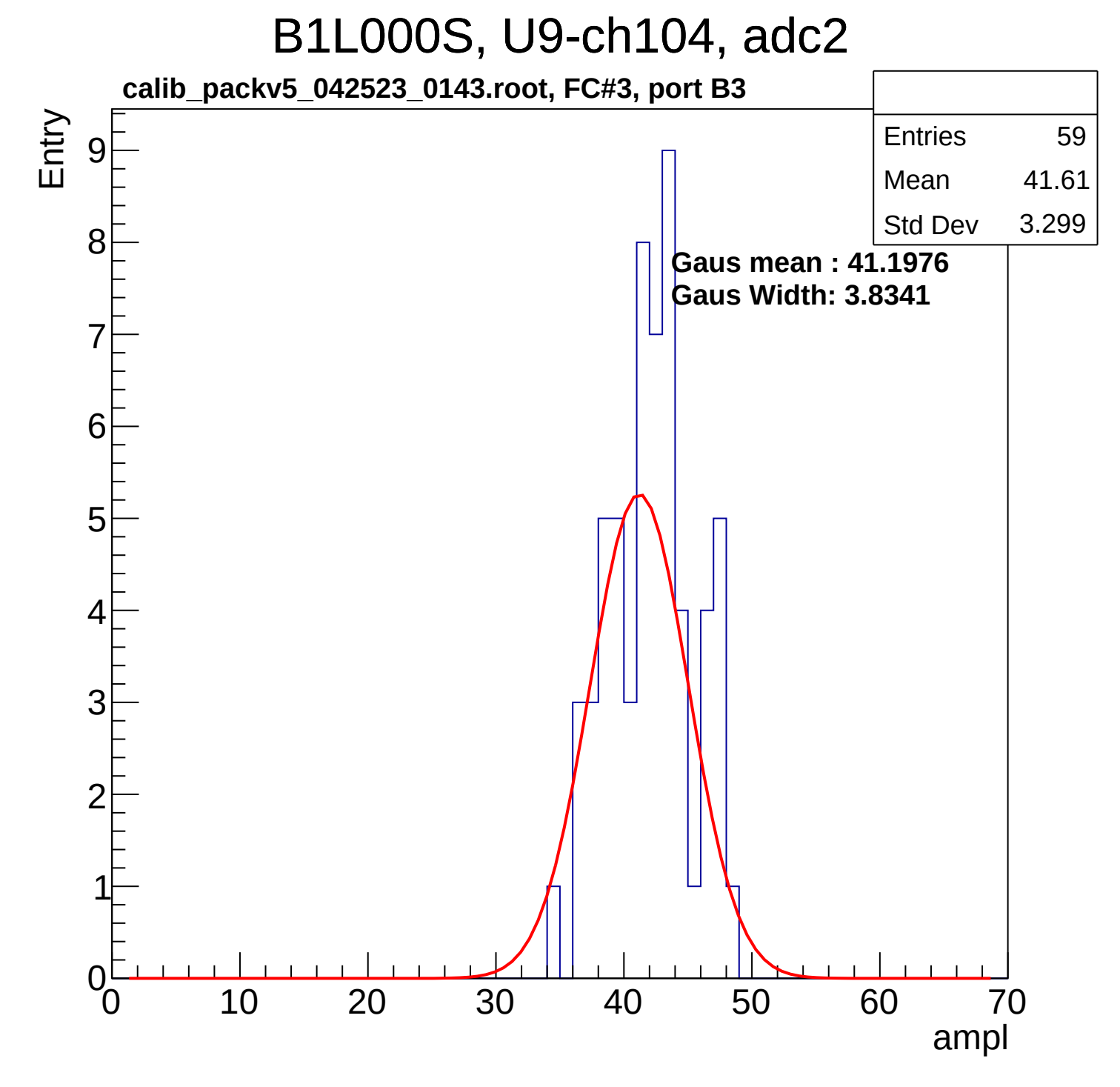
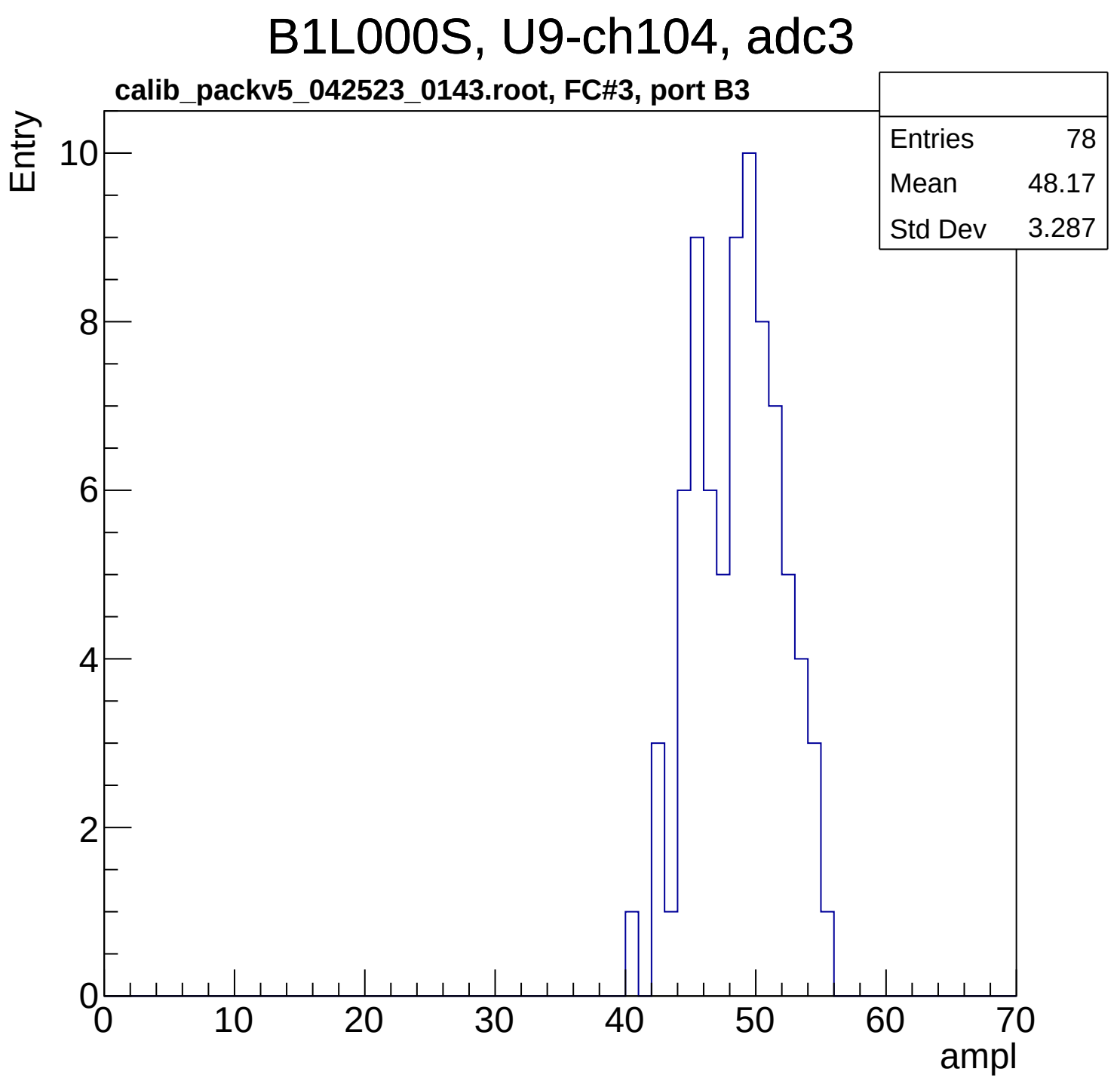
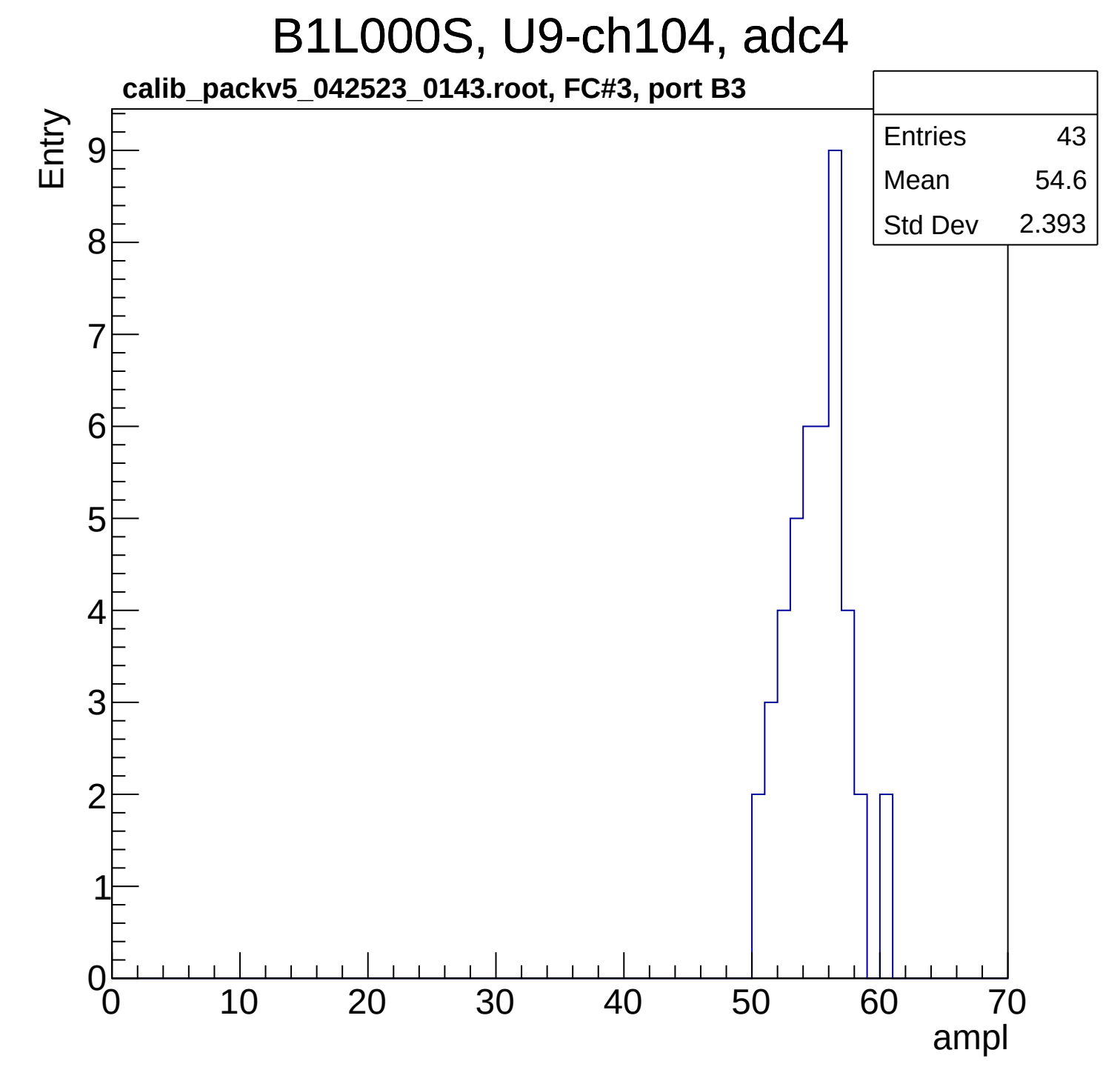

B1L000S, U9-ch104, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.61
Std Dev 3.299
Gaus mean : 41.1976
Gaus Width: 3.8341
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch104, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 48.17
Std Dev 3.287
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch104, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 54.6
Std Dev 2.393
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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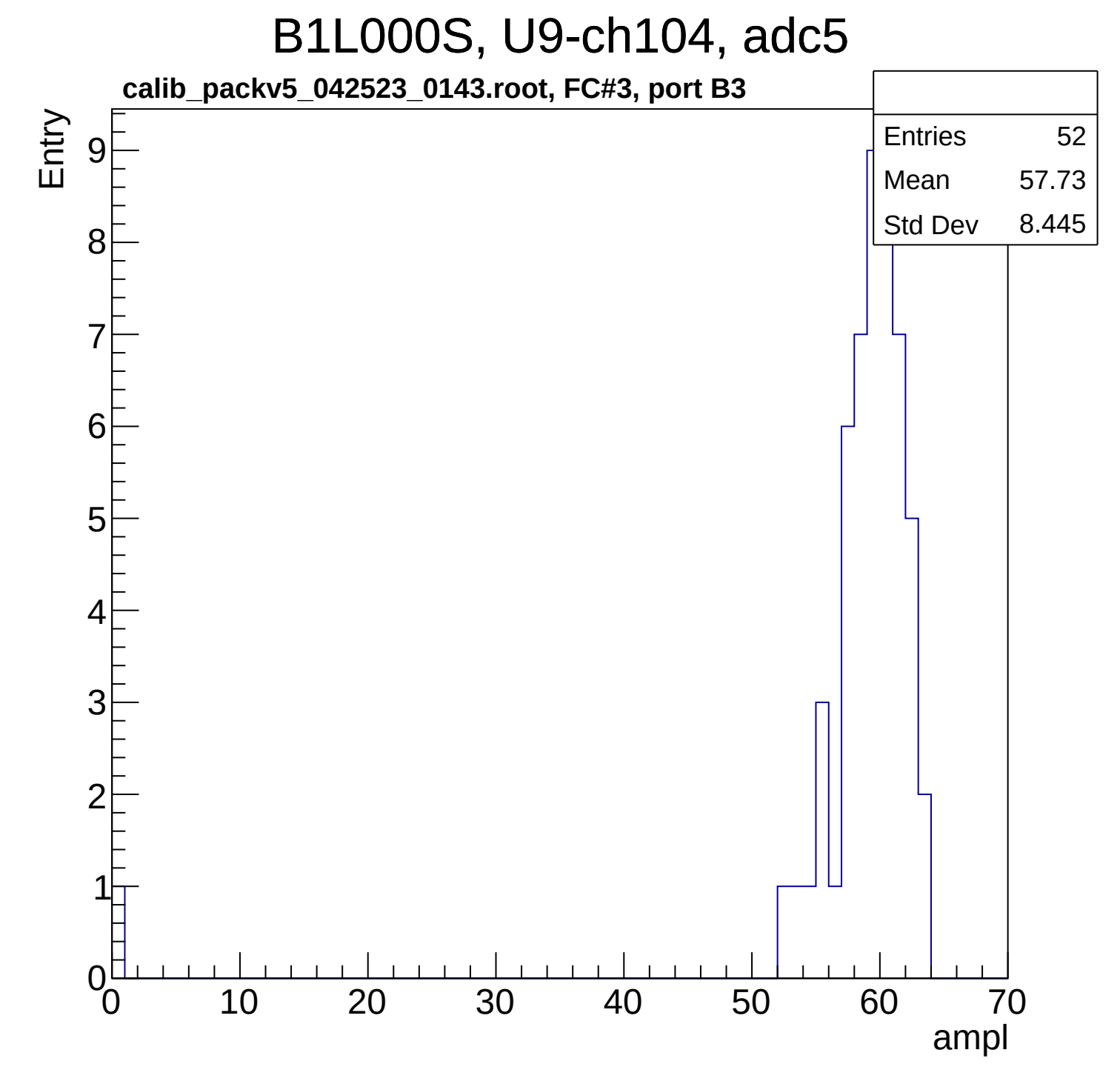
B1L000S, U9-ch104, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 57.73
Std Dev 8.445
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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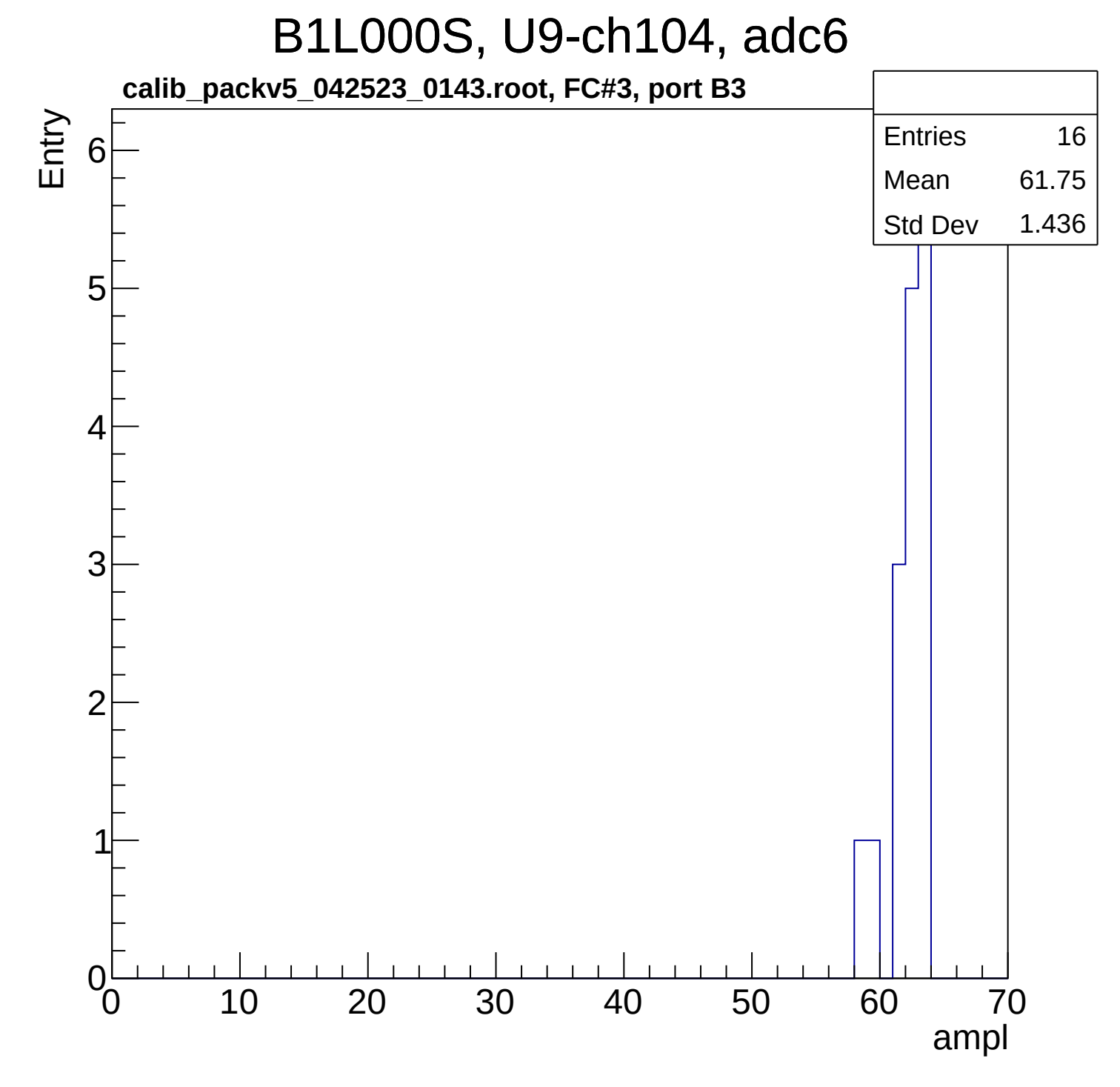
B1L000S, U9-ch104, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.75
Std Dev 1.436
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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40
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60
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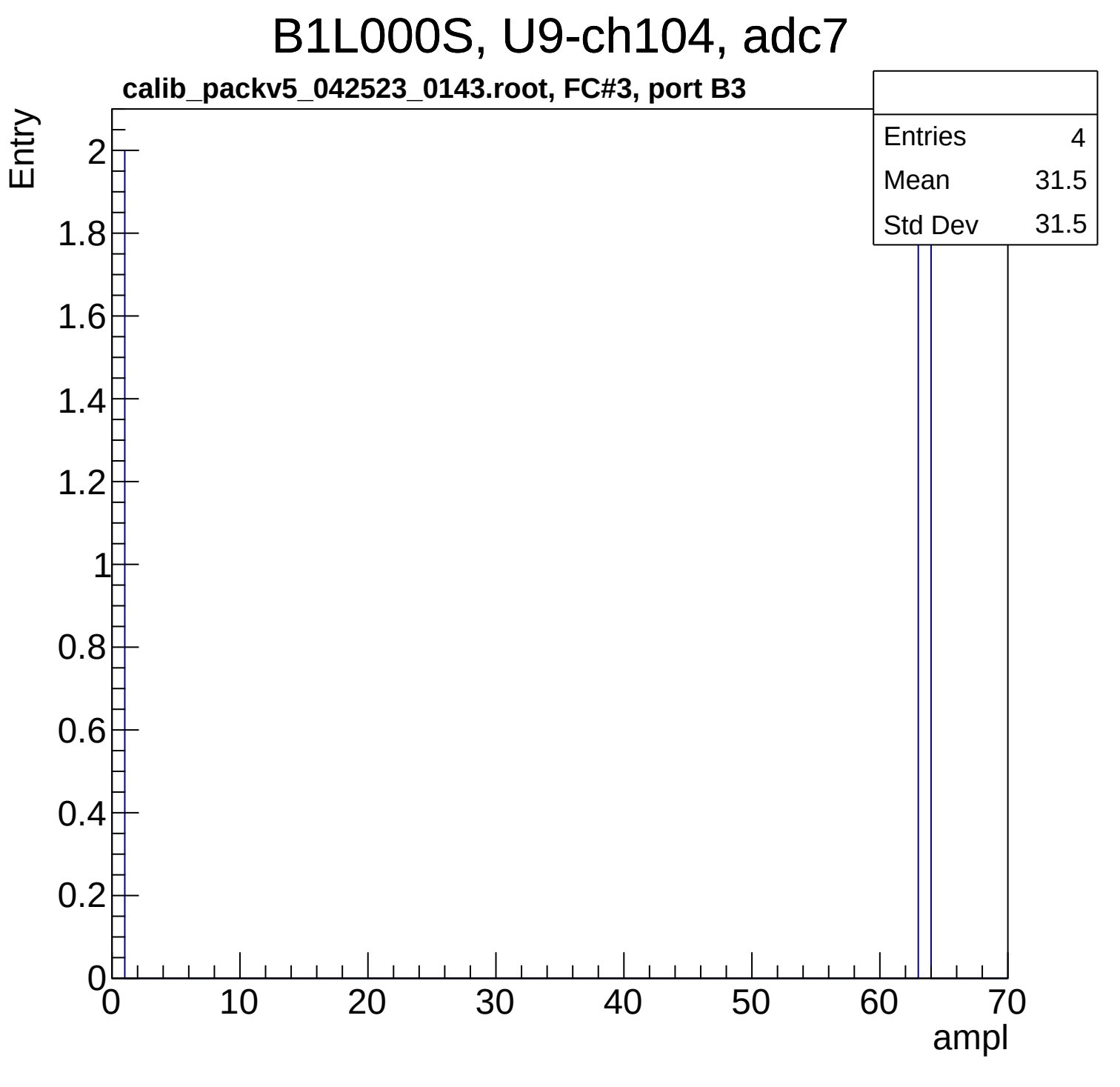
B1L000S, U9-ch104, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 31.5
Std Dev 31.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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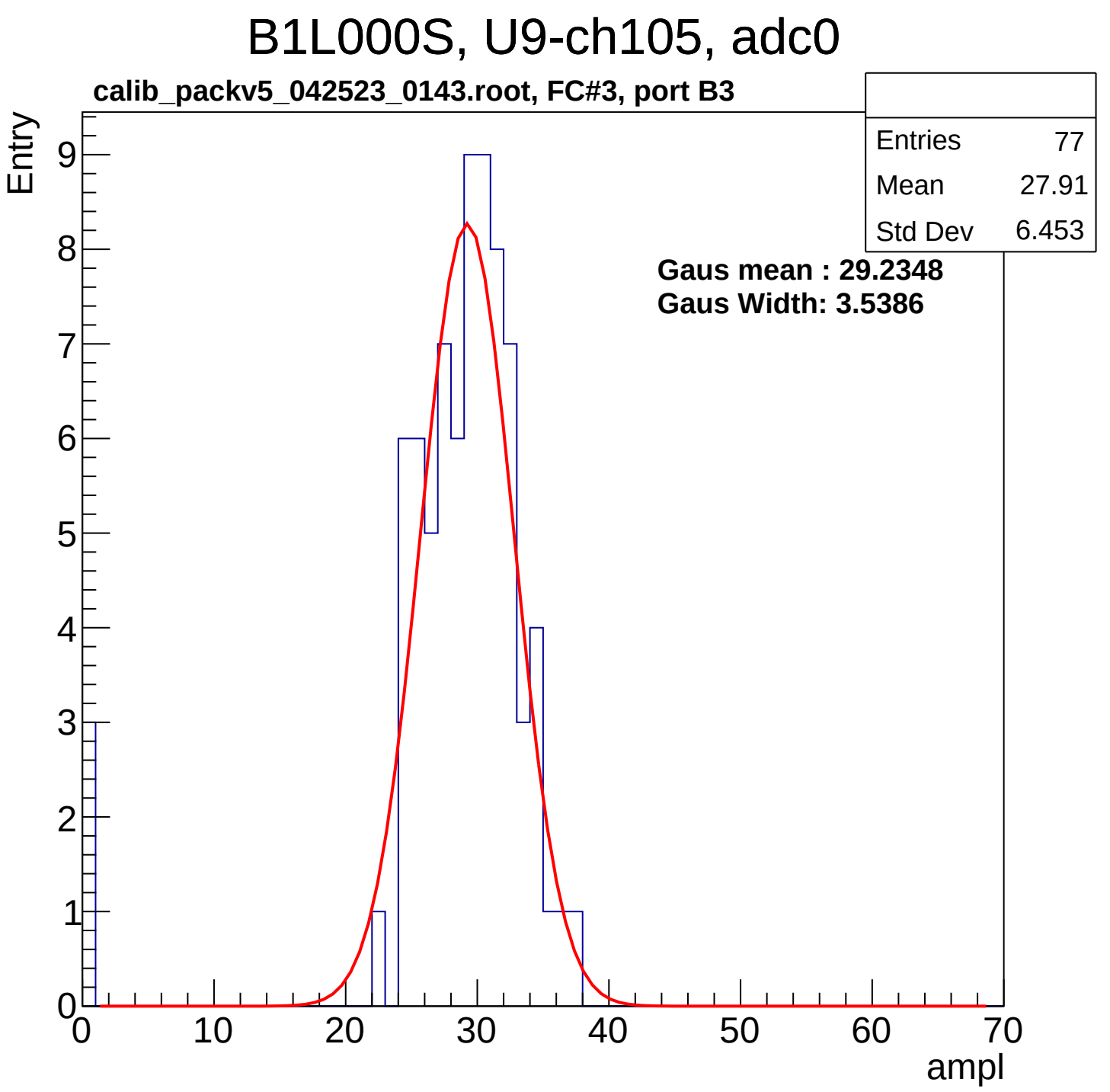
B1L000S, U9-ch105, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 27.91
Std Dev 6.453
Gaus mean : 29.2348
Gaus Width: 3.5386
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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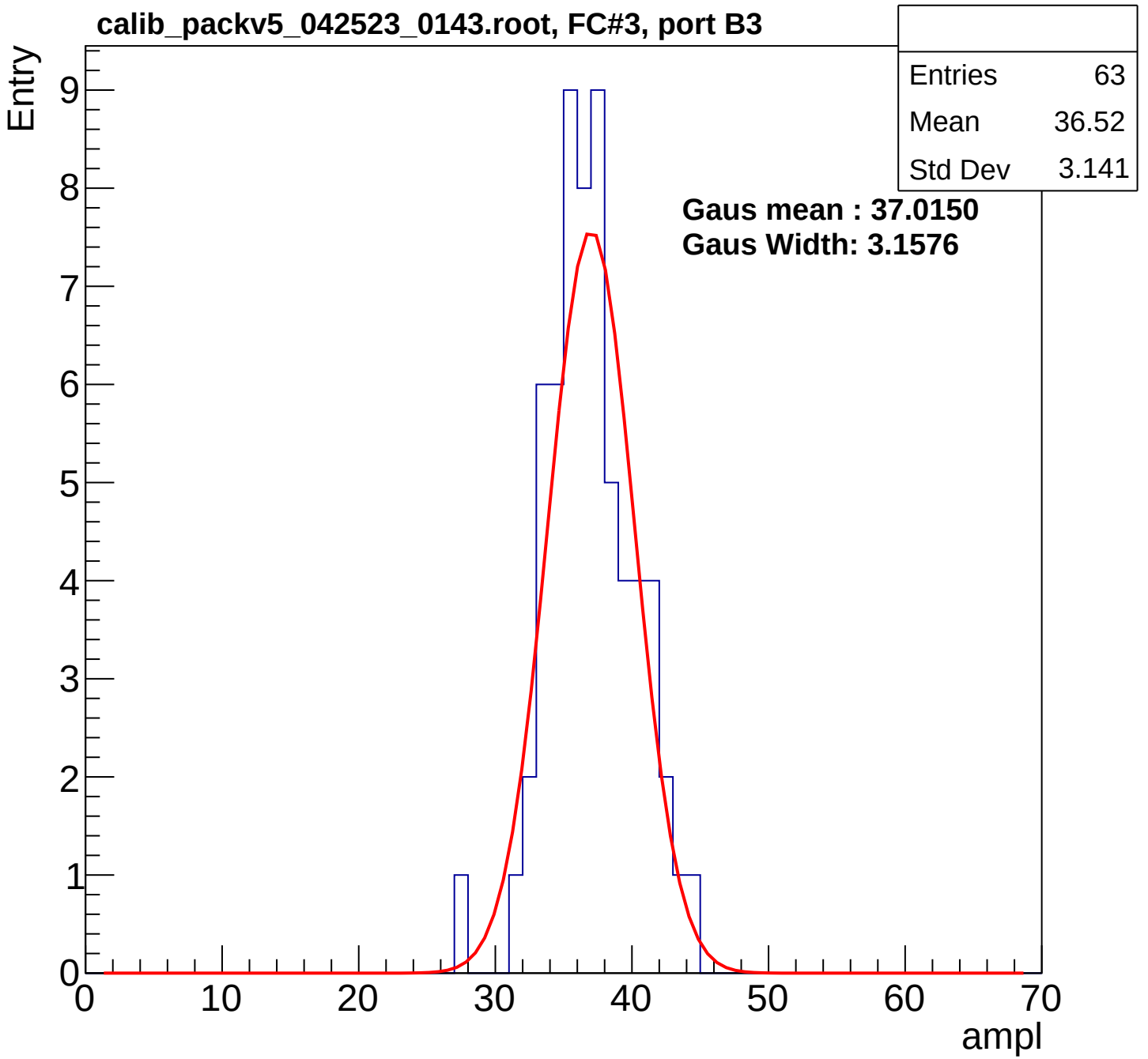
B1L000S, U9-ch105, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 36.52
Std Dev 3.141
Gaus mean : 37.0150
Gaus Width: 3.1576
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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30
40
50
60
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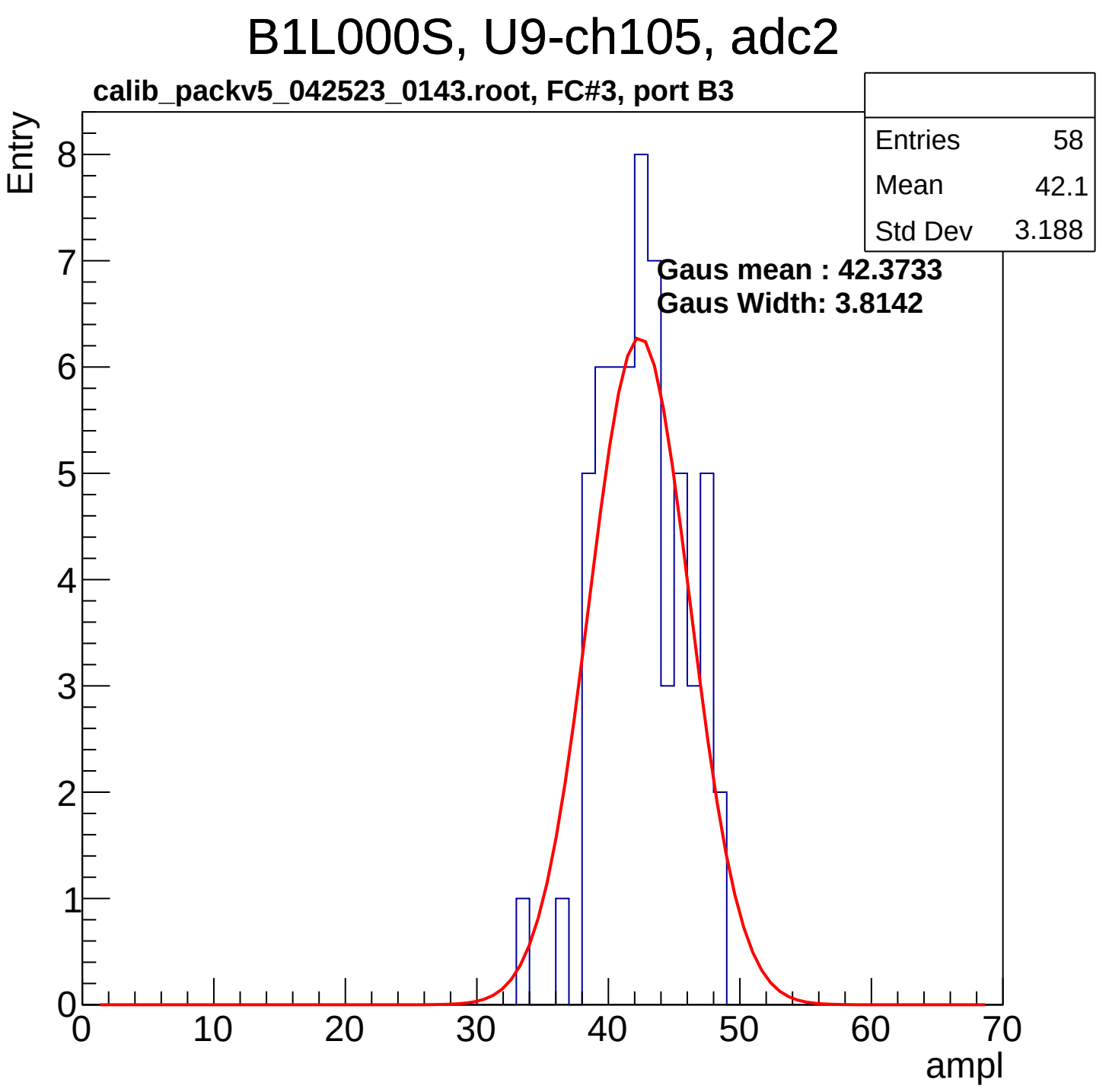
B1L000S, U9-ch105, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.1
Std Dev 3.188
Gaus mean : 42.3733
Gaus Width: 3.8142
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
50
60
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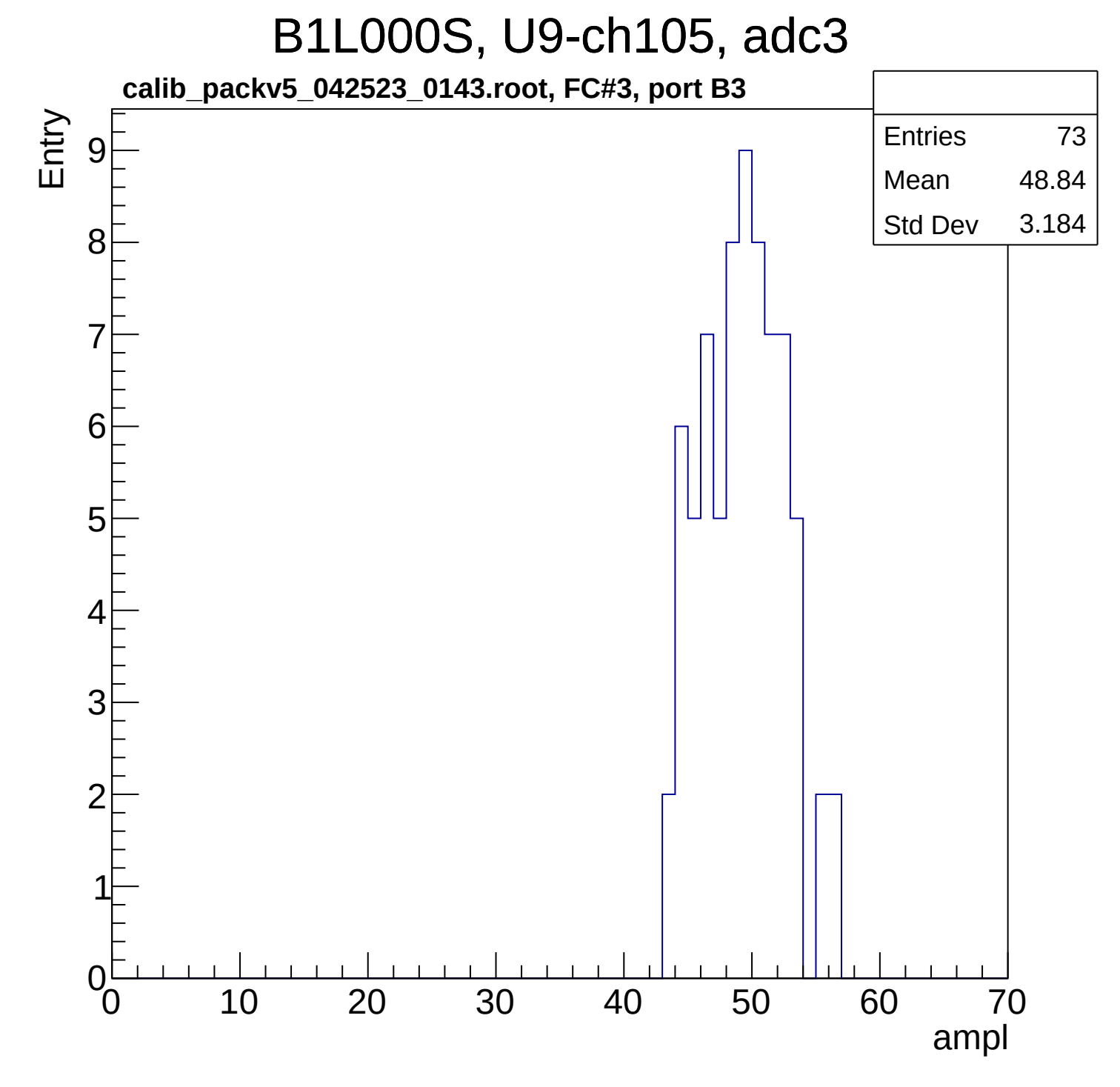
B1L000S, U9-ch105, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 48.84
Std Dev 3.184
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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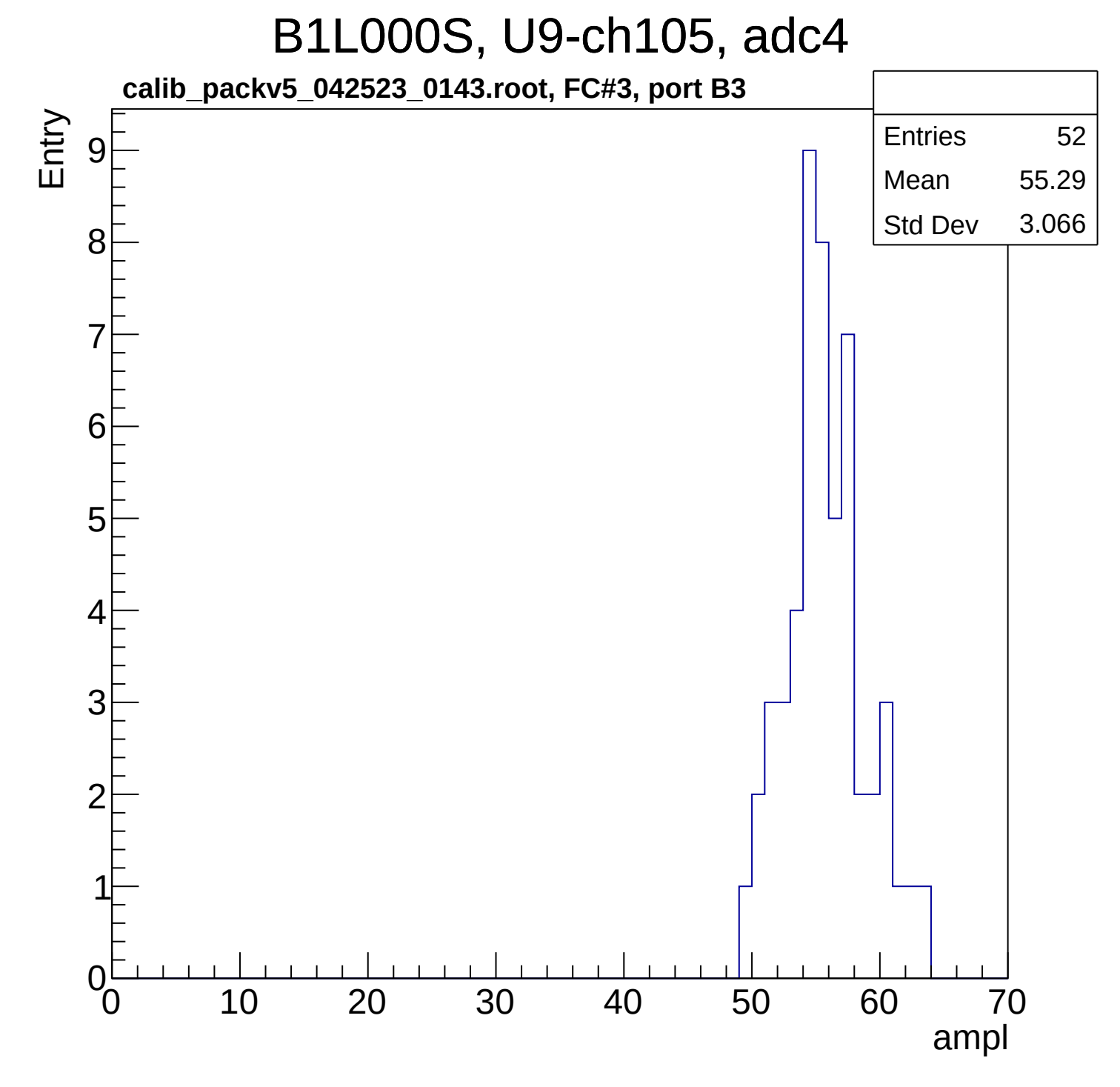
B1L000S, U9-ch105, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 55.29
Std Dev 3.066
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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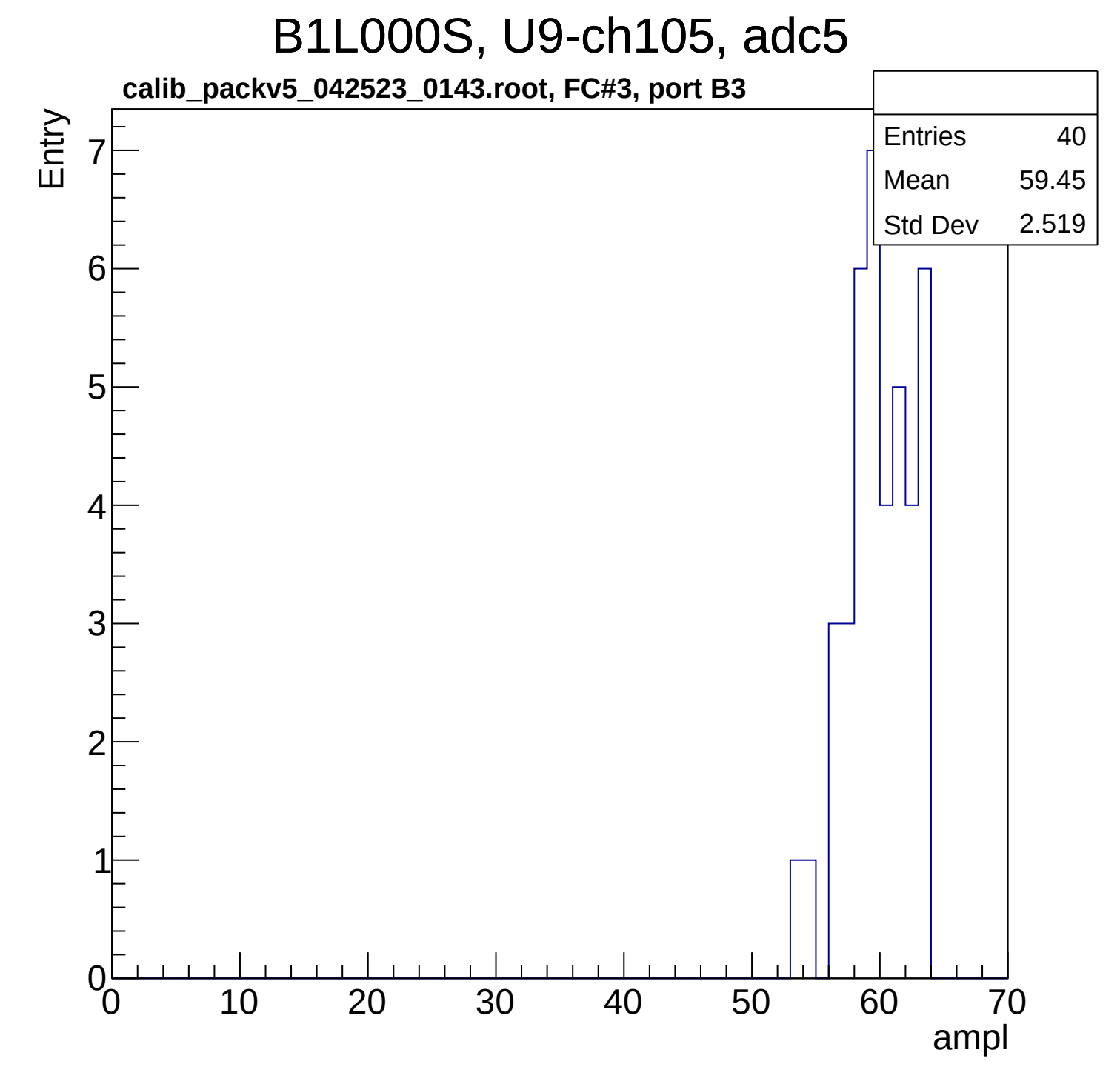
B1L000S, U9-ch105, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 59.45
Std Dev 2.519
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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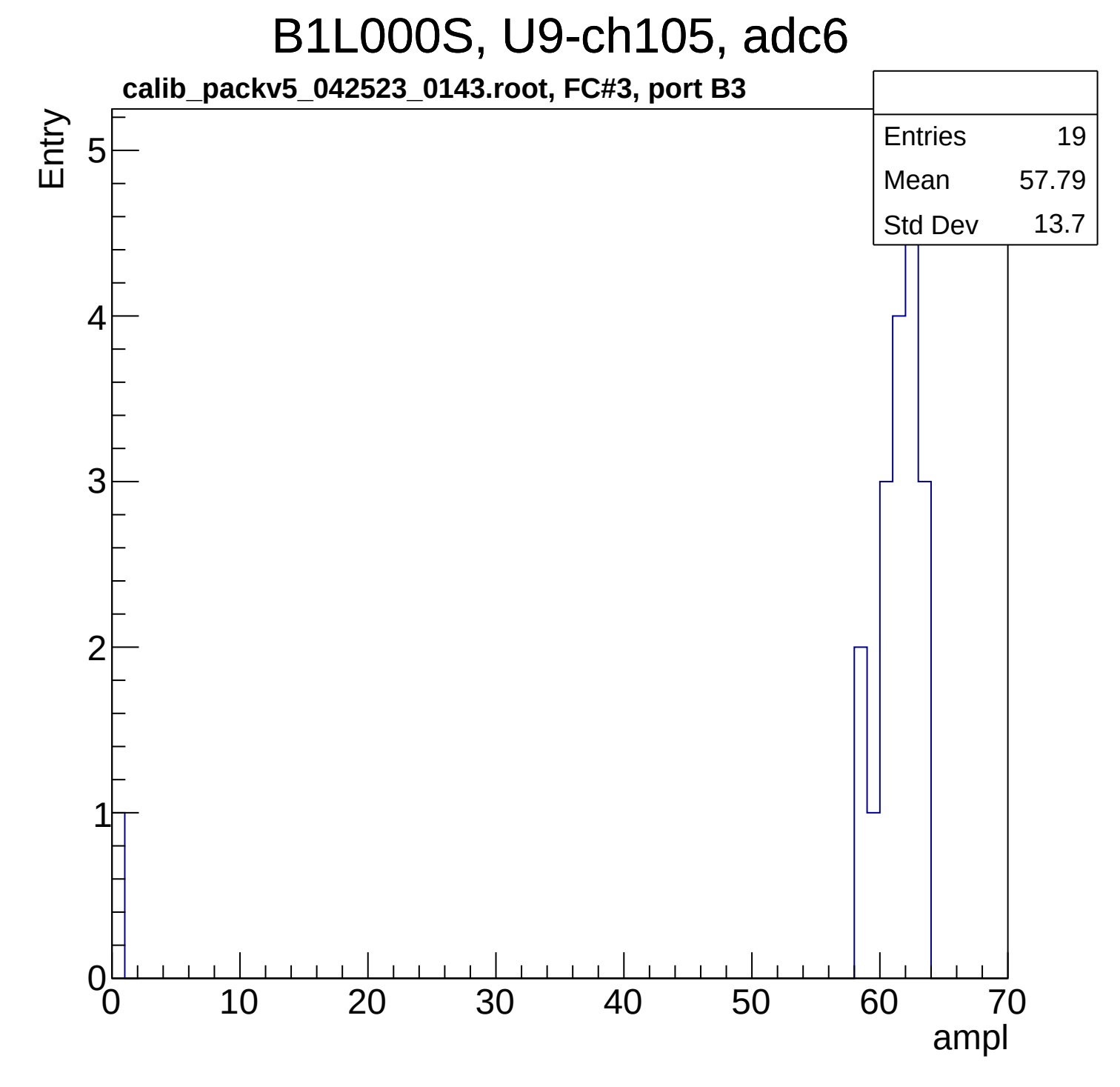
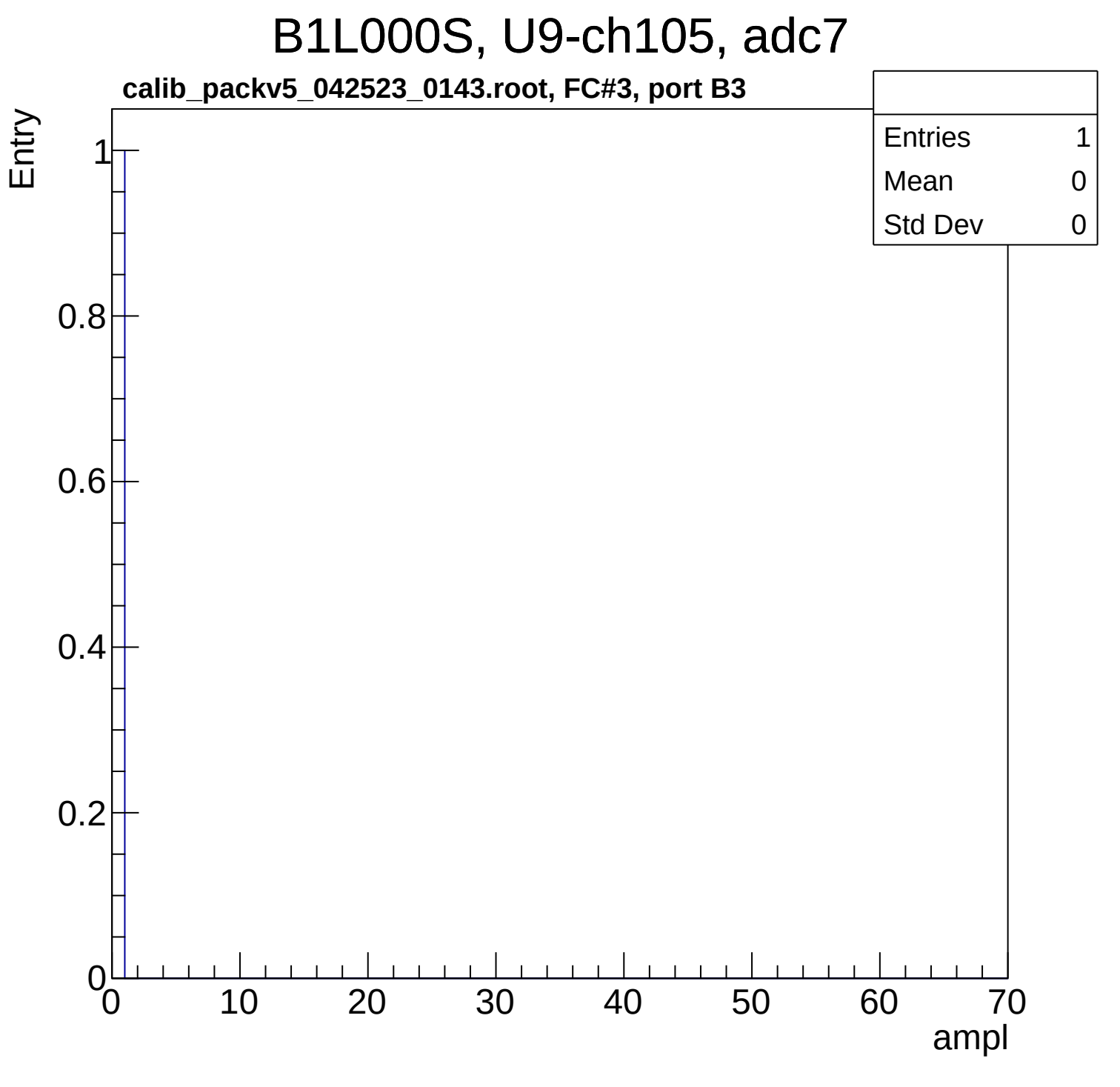
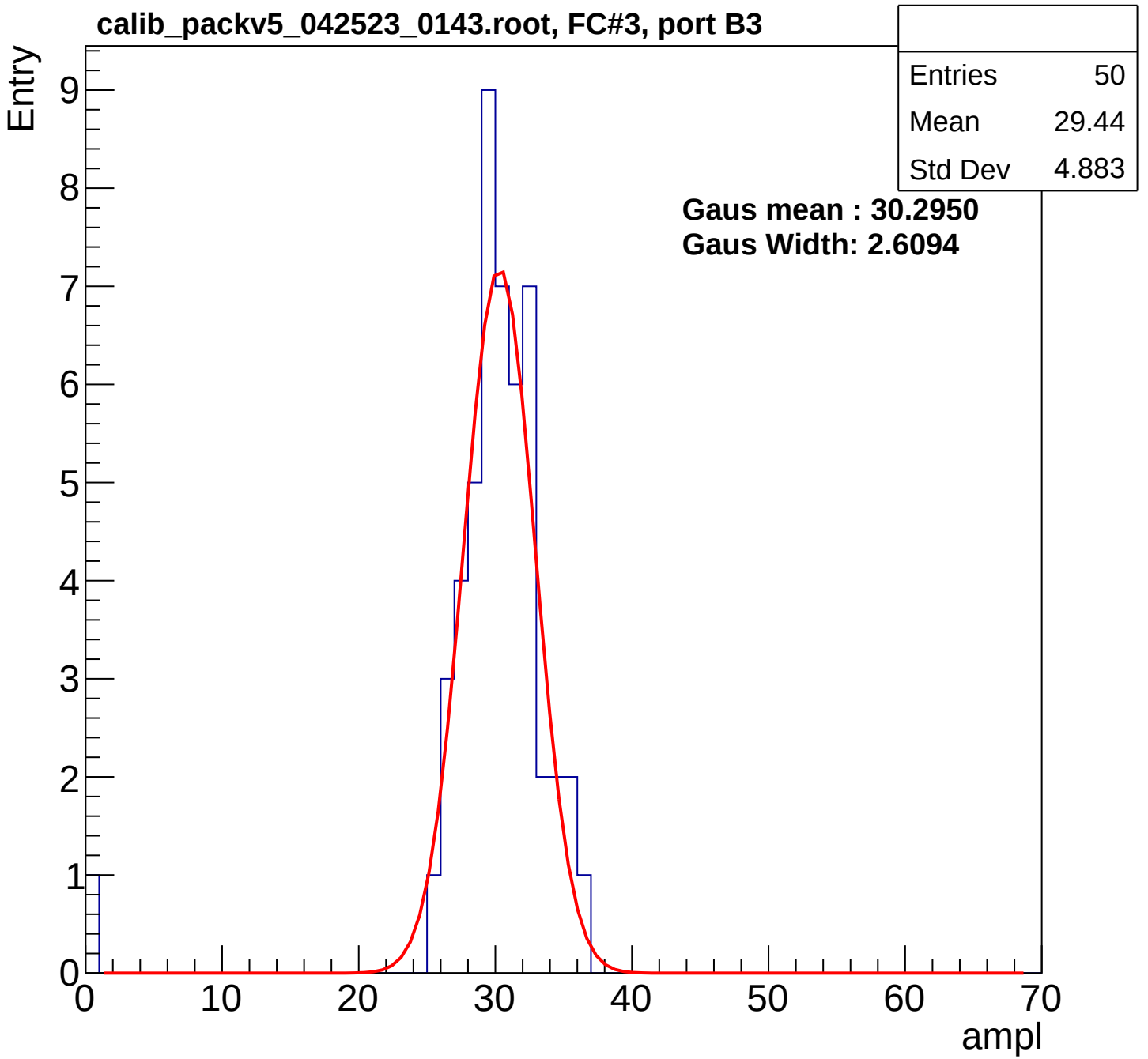
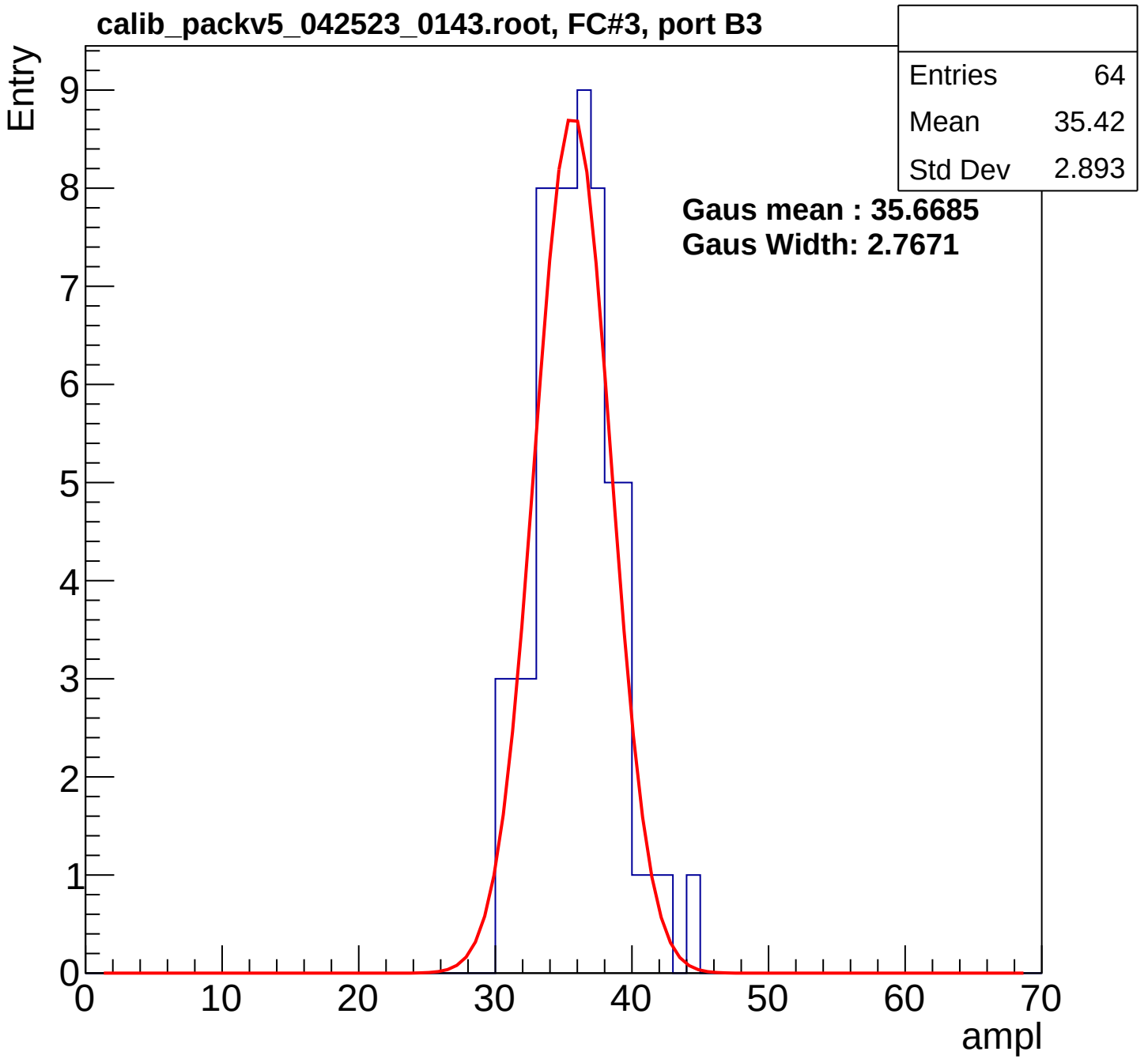

B1L000S, U9-ch105, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 57.79
Std Dev 13.7
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U9-ch105, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch106, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 29.44
Std Dev 4.883
Gaus mean : 30.2950
Gaus Width: 2.6094
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch106, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.42
Std Dev 2.893
Gaus mean : 35.6685
Gaus Width: 2.7671
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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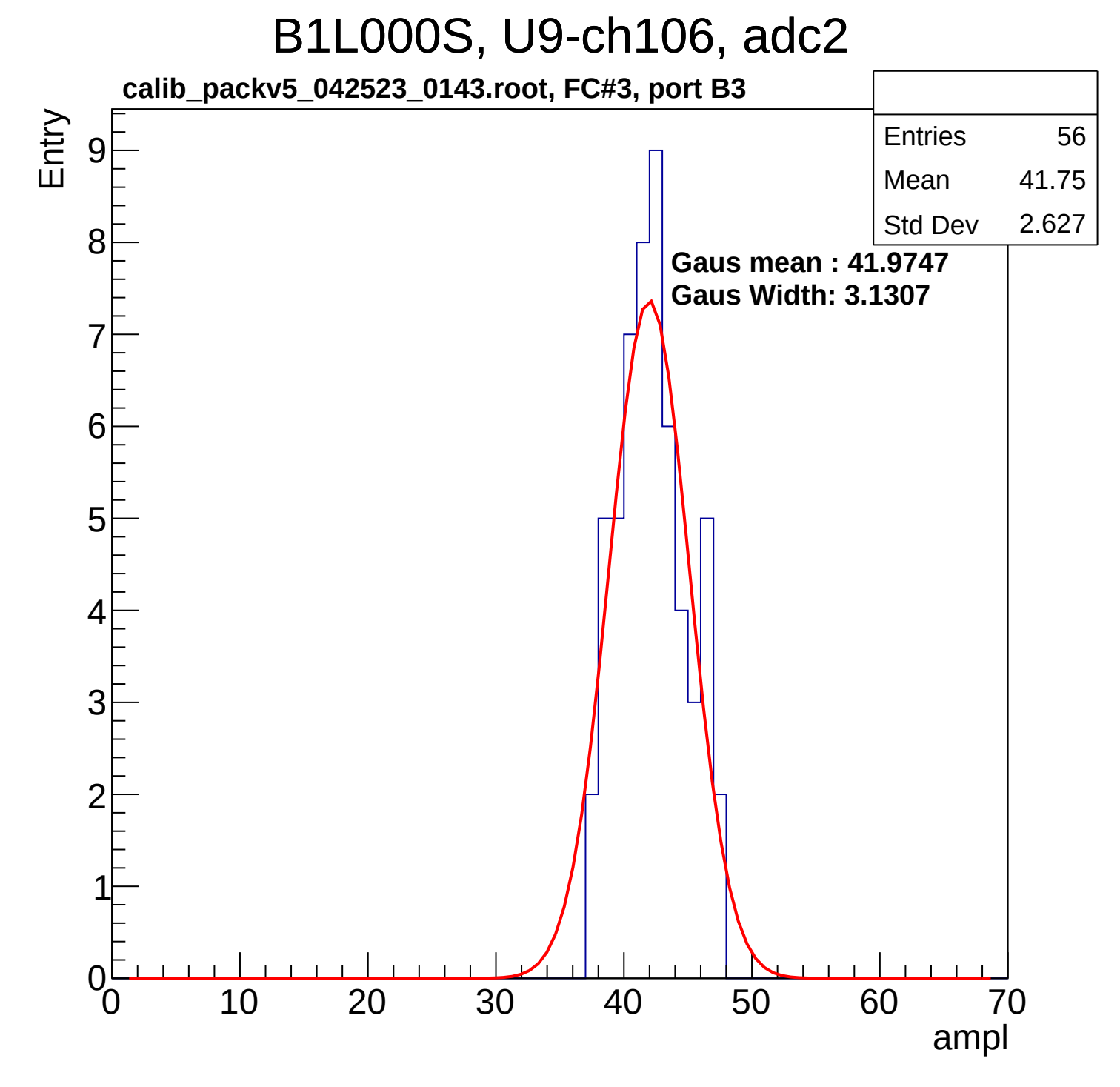
B1L000S, U9-ch106, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.75
Std Dev 2.627
Gaus mean : 41.9747
Gaus Width: 3.1307
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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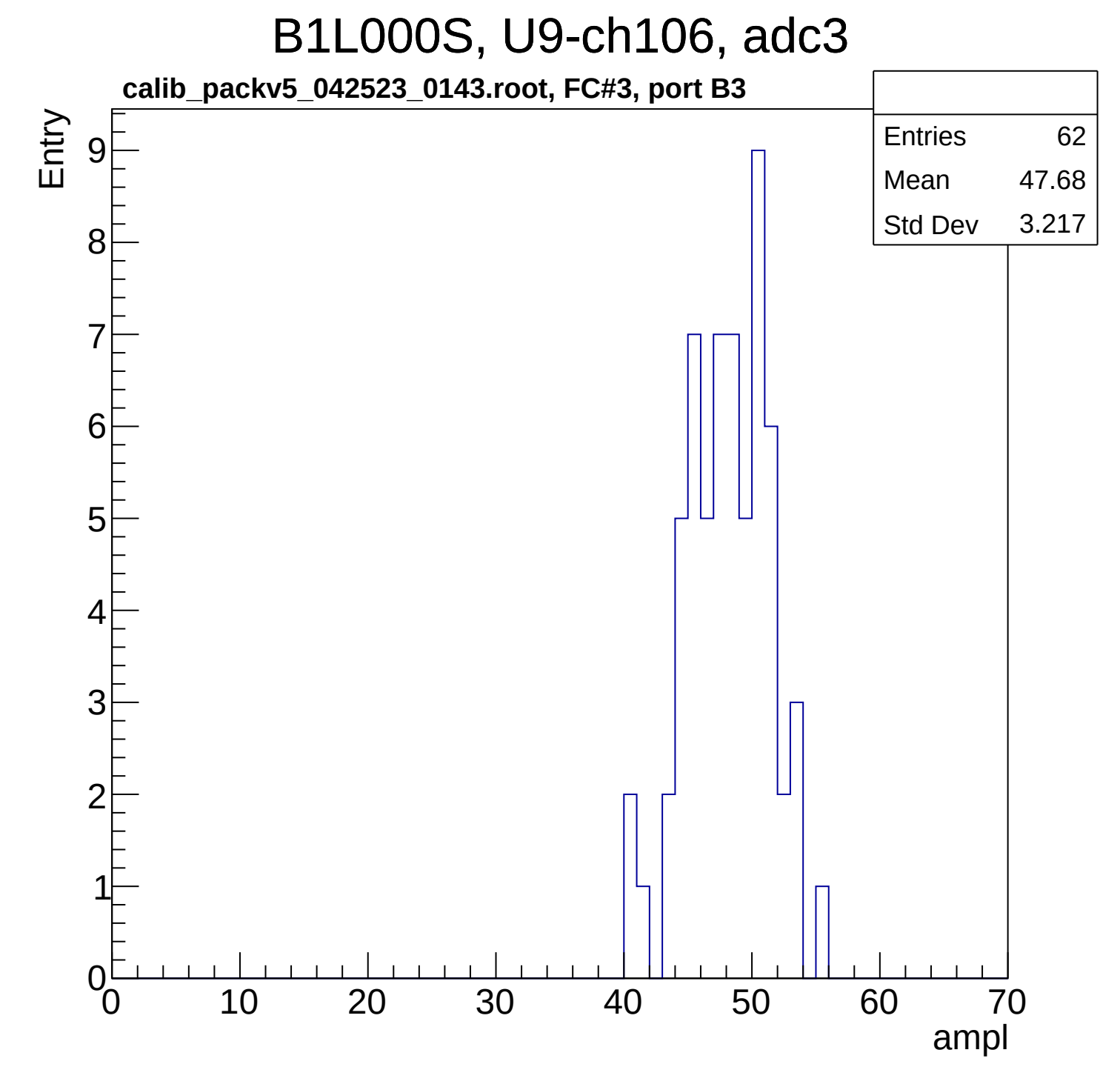
B1L000S, U9-ch106, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 47.68
Std Dev 3.217
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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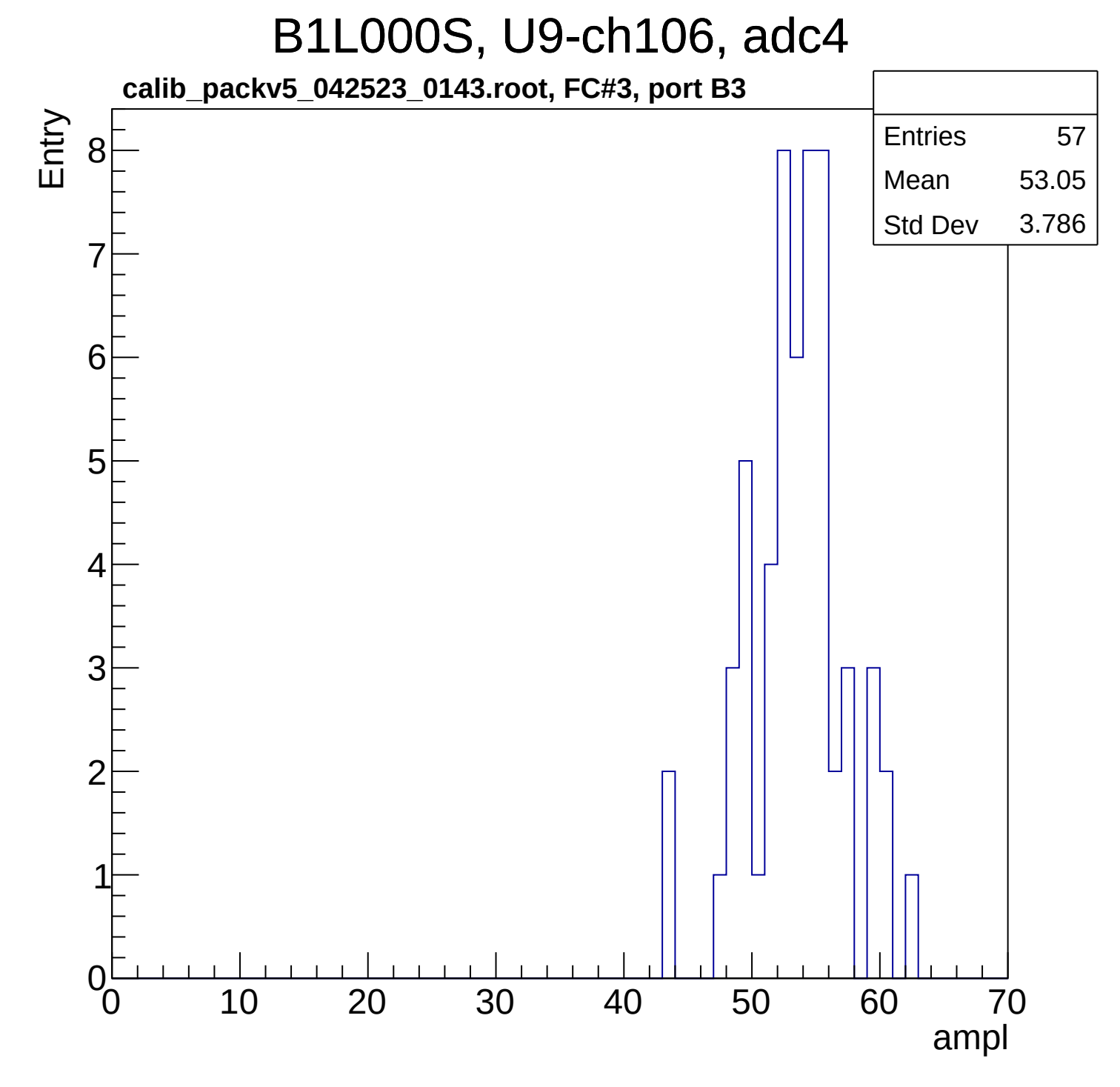
60
70


B1L000S, U9-ch106, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.05
Std Dev 3.786
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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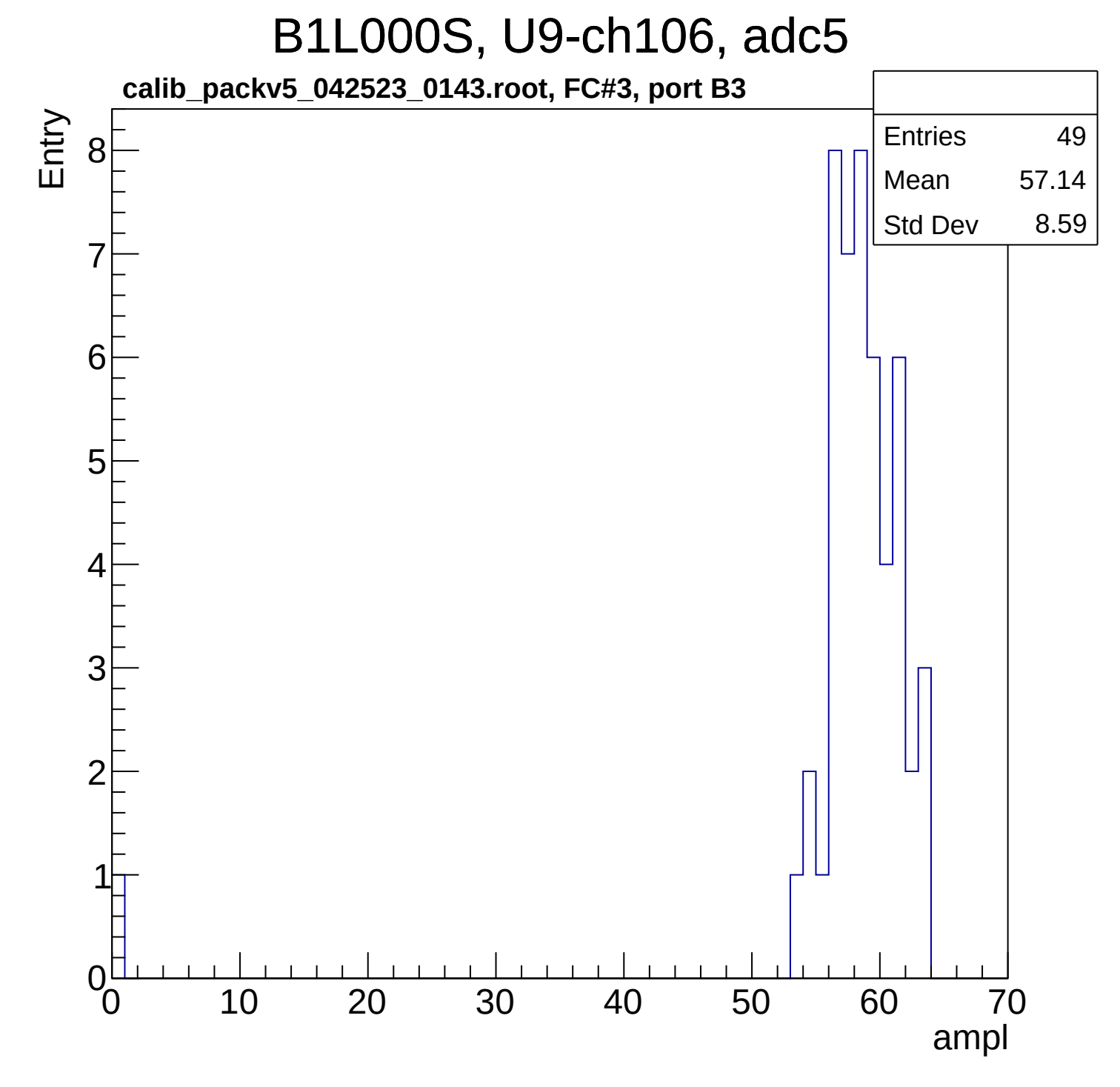
B1L000S, U9-ch106, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 57.14
Std Dev 8.59
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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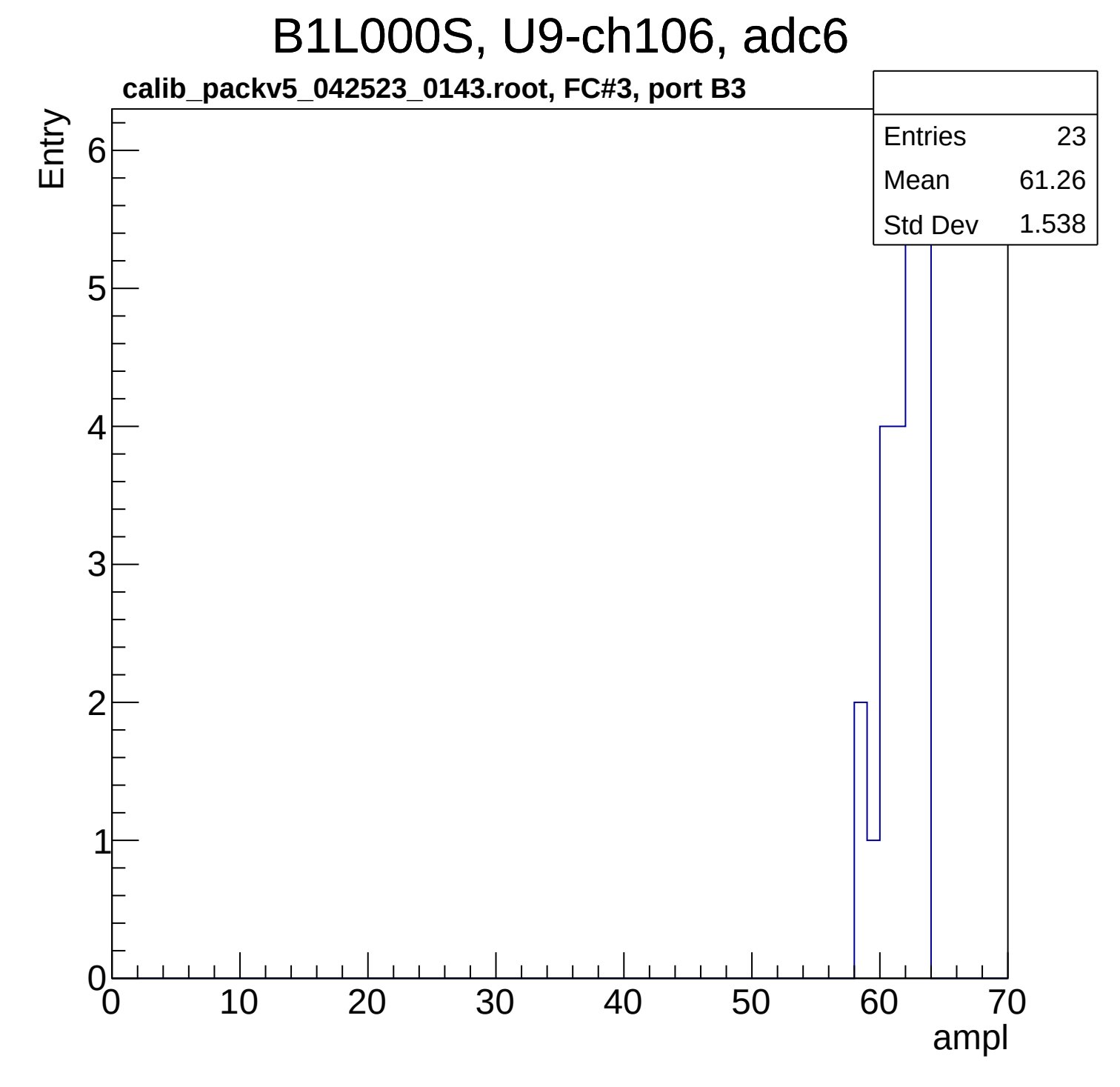
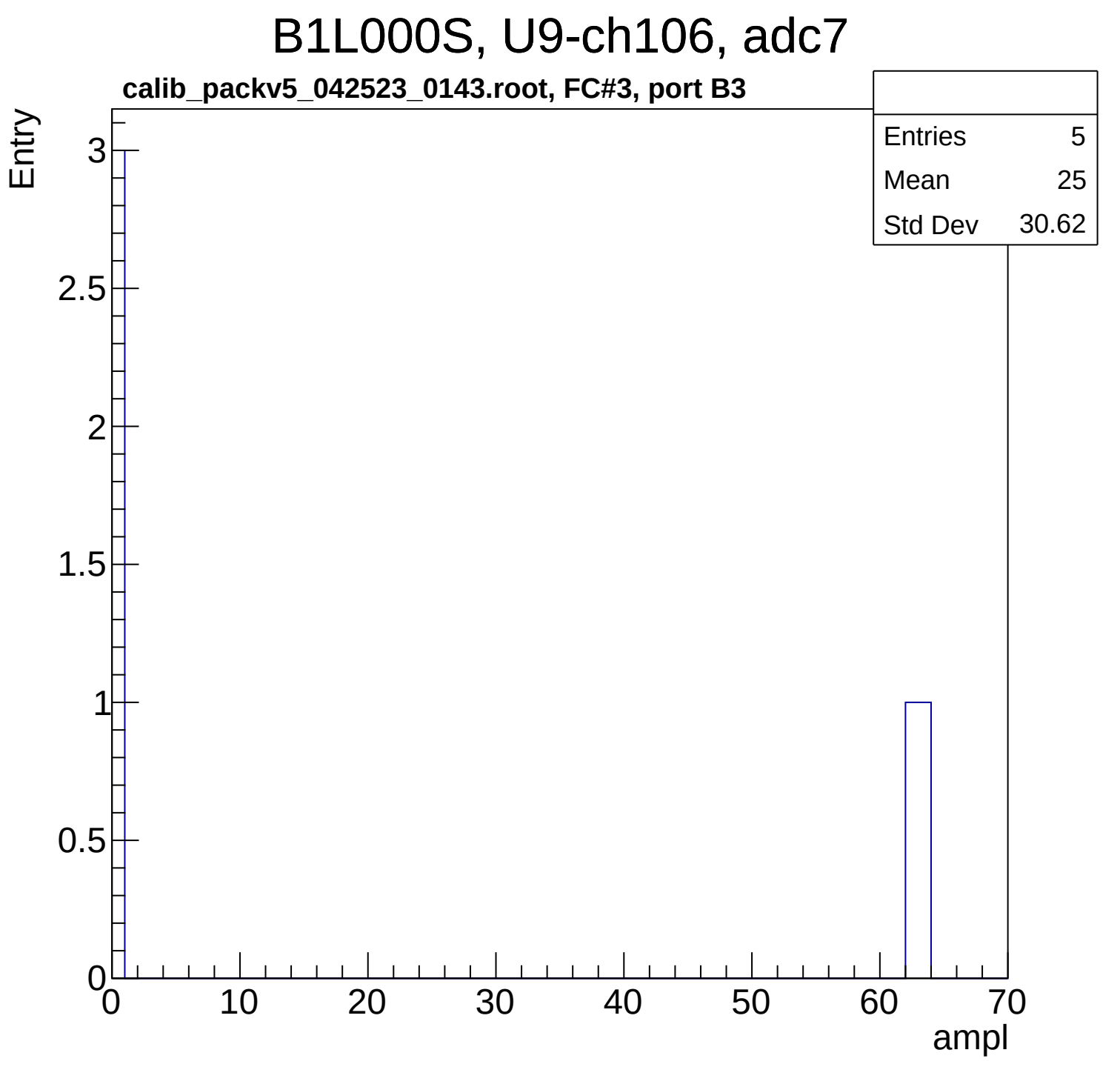
60
70


B1L000S, U9-ch106, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 61.26
Std Dev 1.538
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch106, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 25
Std Dev 30.62
Entry
ampl
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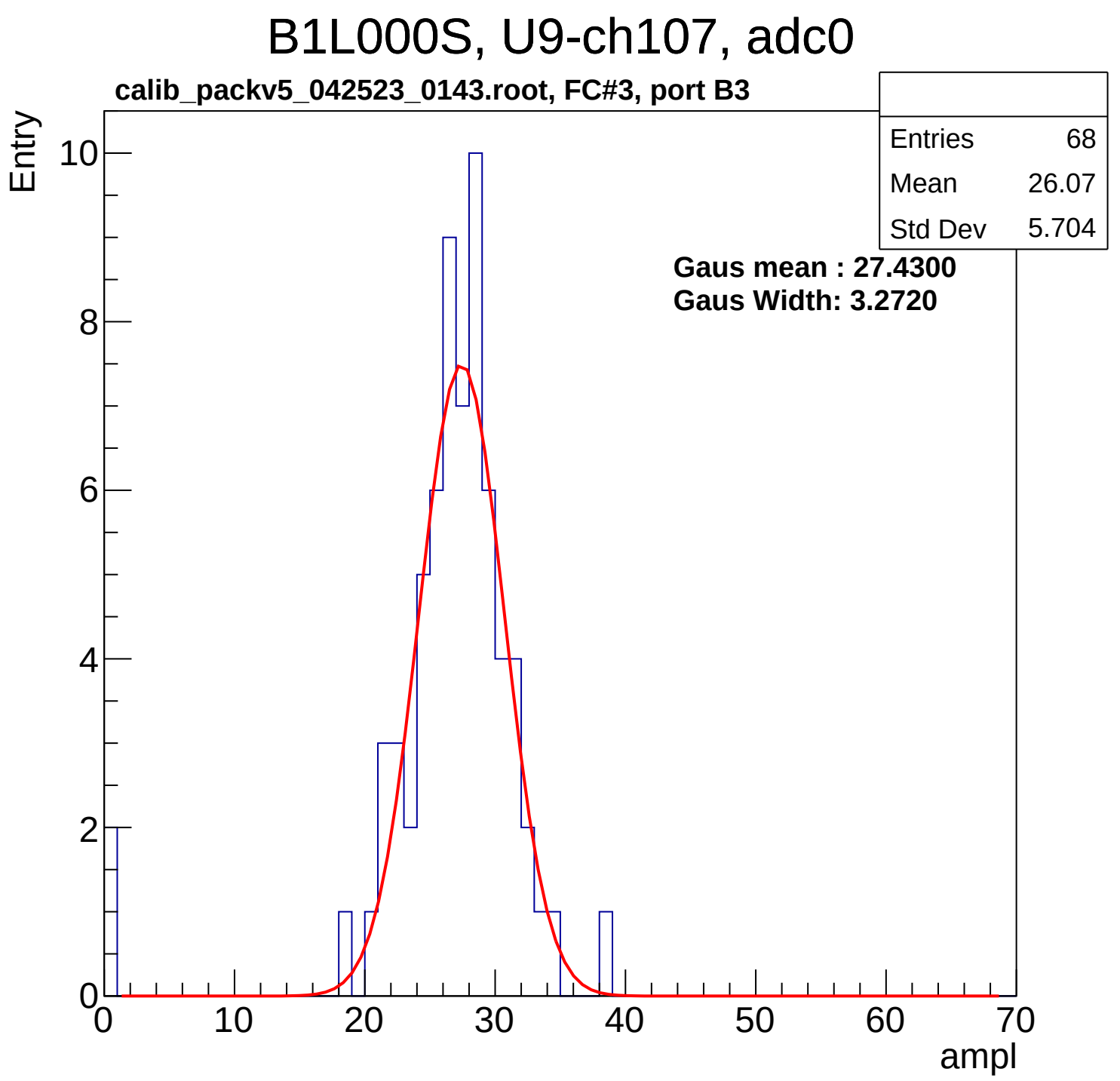
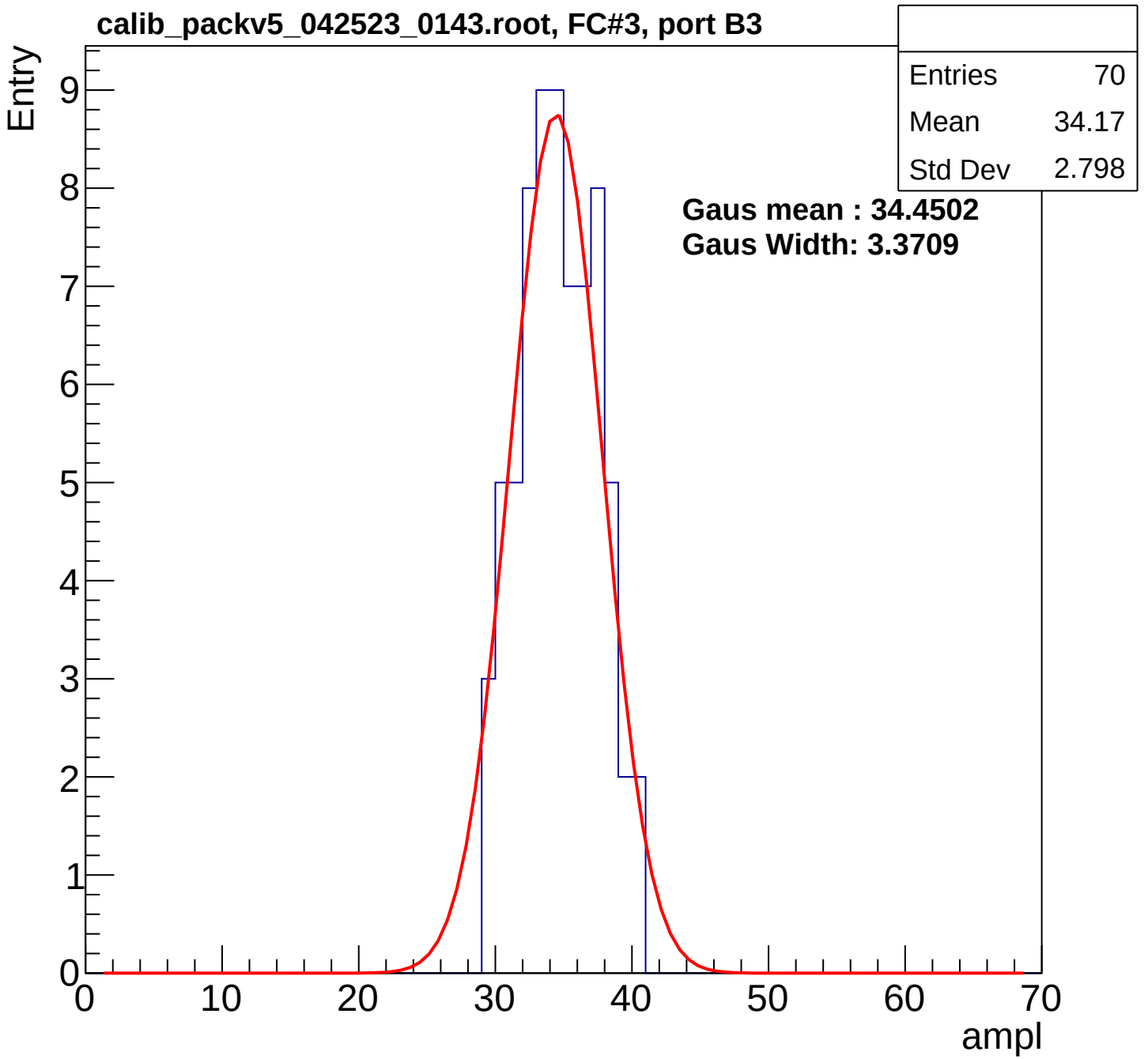
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch107, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 26.07
Std Dev 5.704
Gaus mean : 27.4300
Gaus Width: 3.2720
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch107, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 34.17
Std Dev 2.798
Gaus mean : 34.4502
Gaus Width: 3.3709
Entry
ampl
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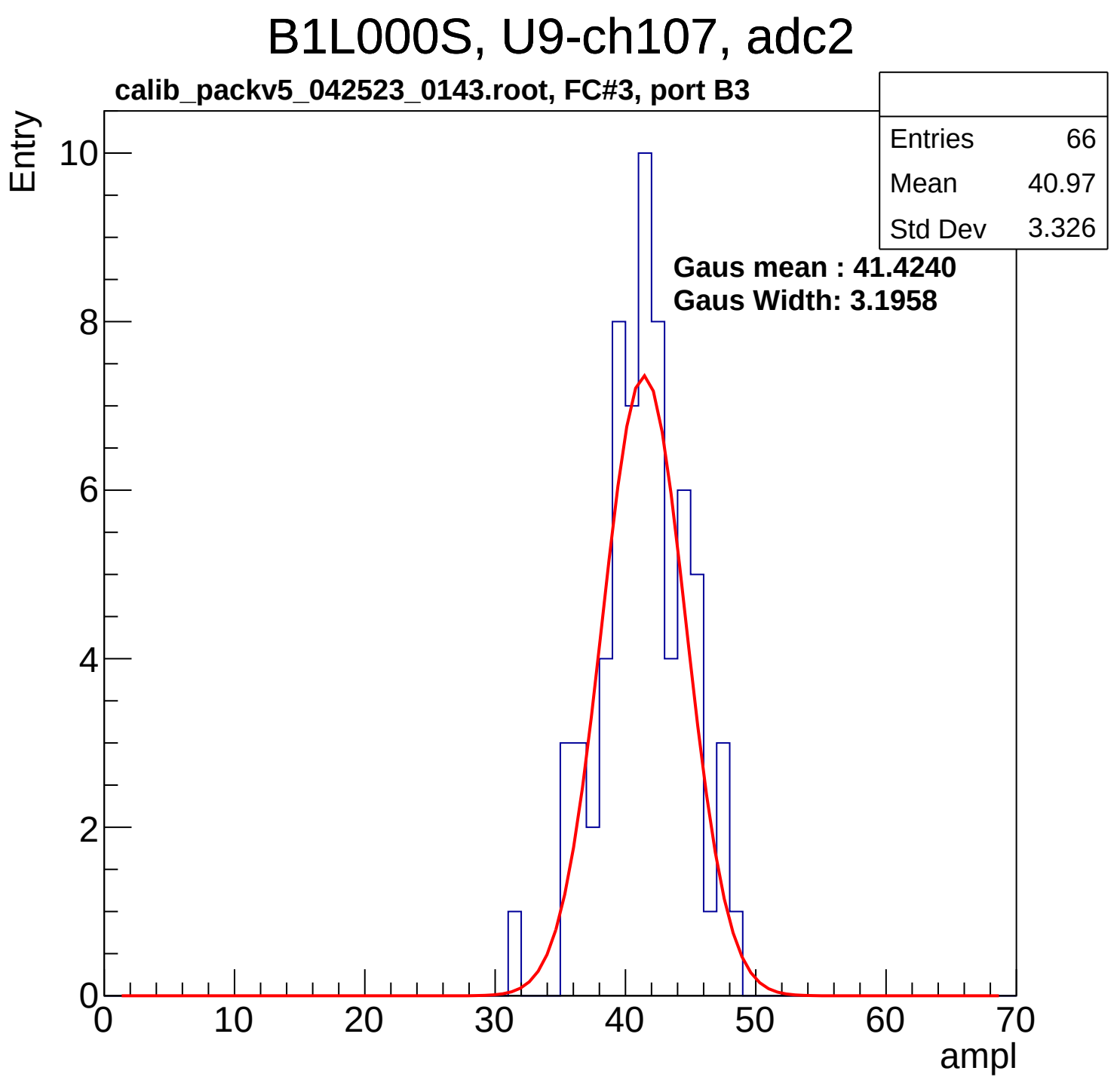
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch107, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 40.97
Std Dev 3.326
Gaus mean : 41.4240
Gaus Width: 3.1958
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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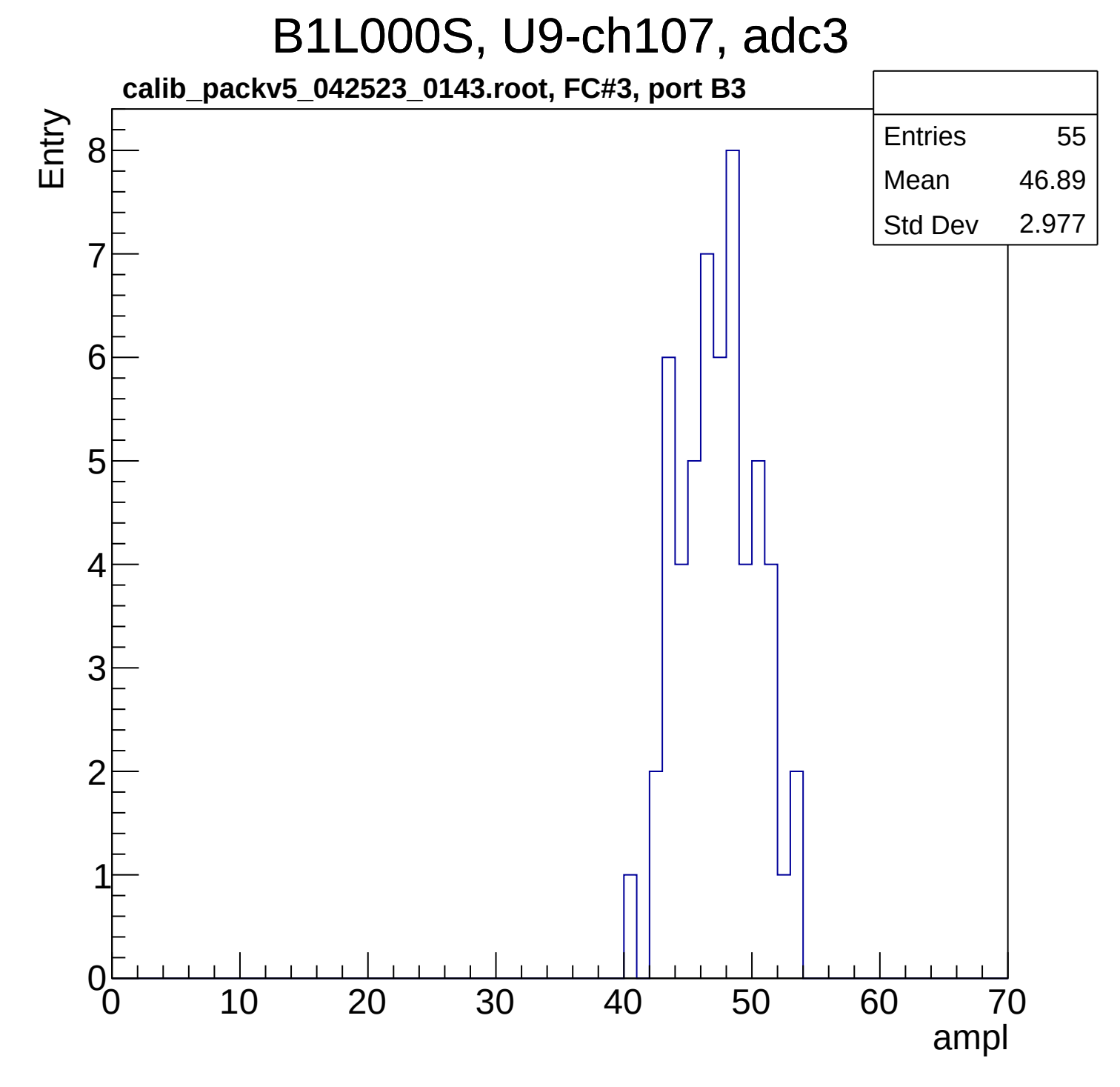
B1L000S, U9-ch107, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 46.89
Std Dev 2.977
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
50
60
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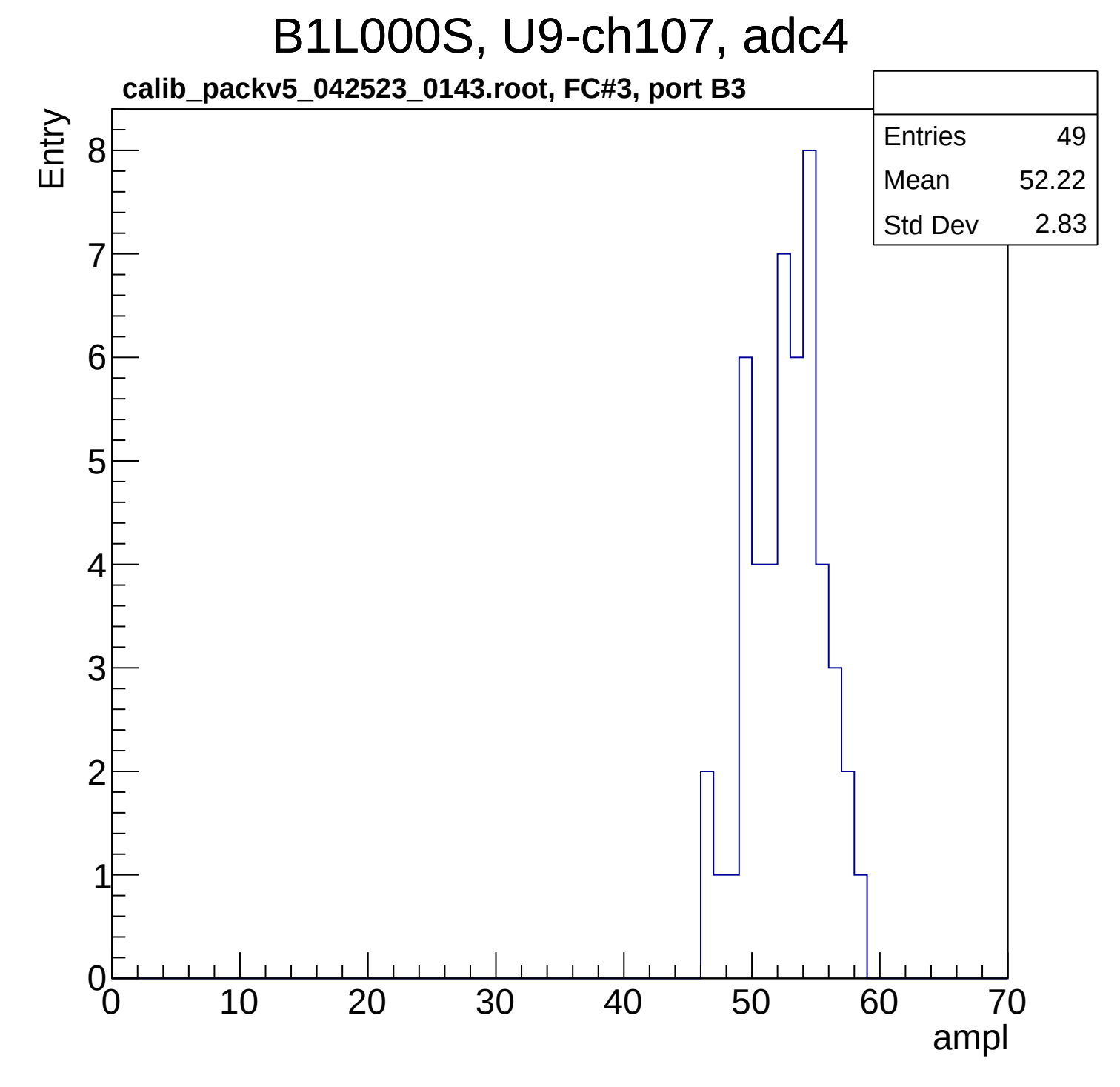
B1L000S, U9-ch107, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 52.22
Std Dev 2.83
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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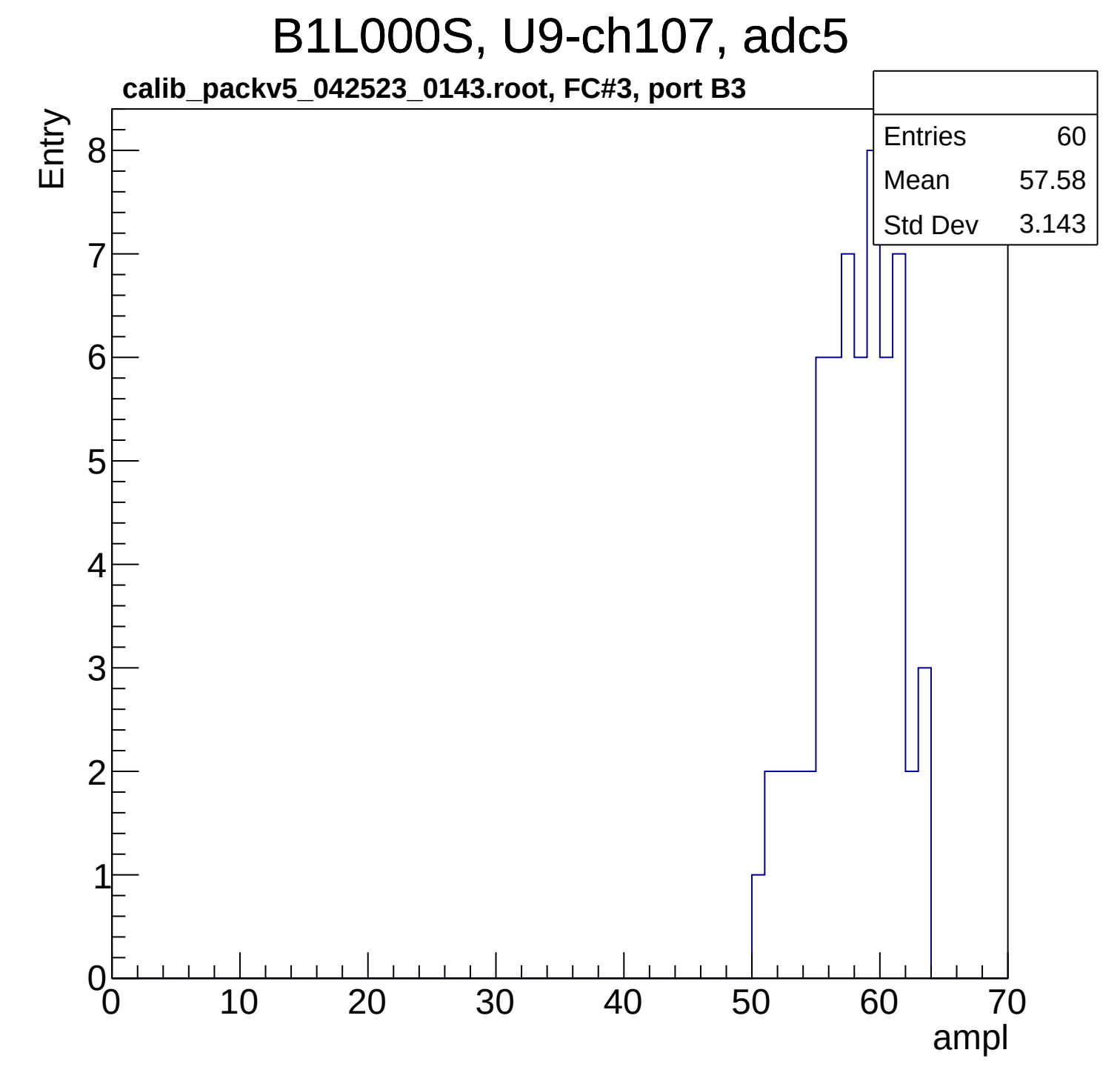
B1L000S, U9-ch107, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 57.58
Std Dev 3.143
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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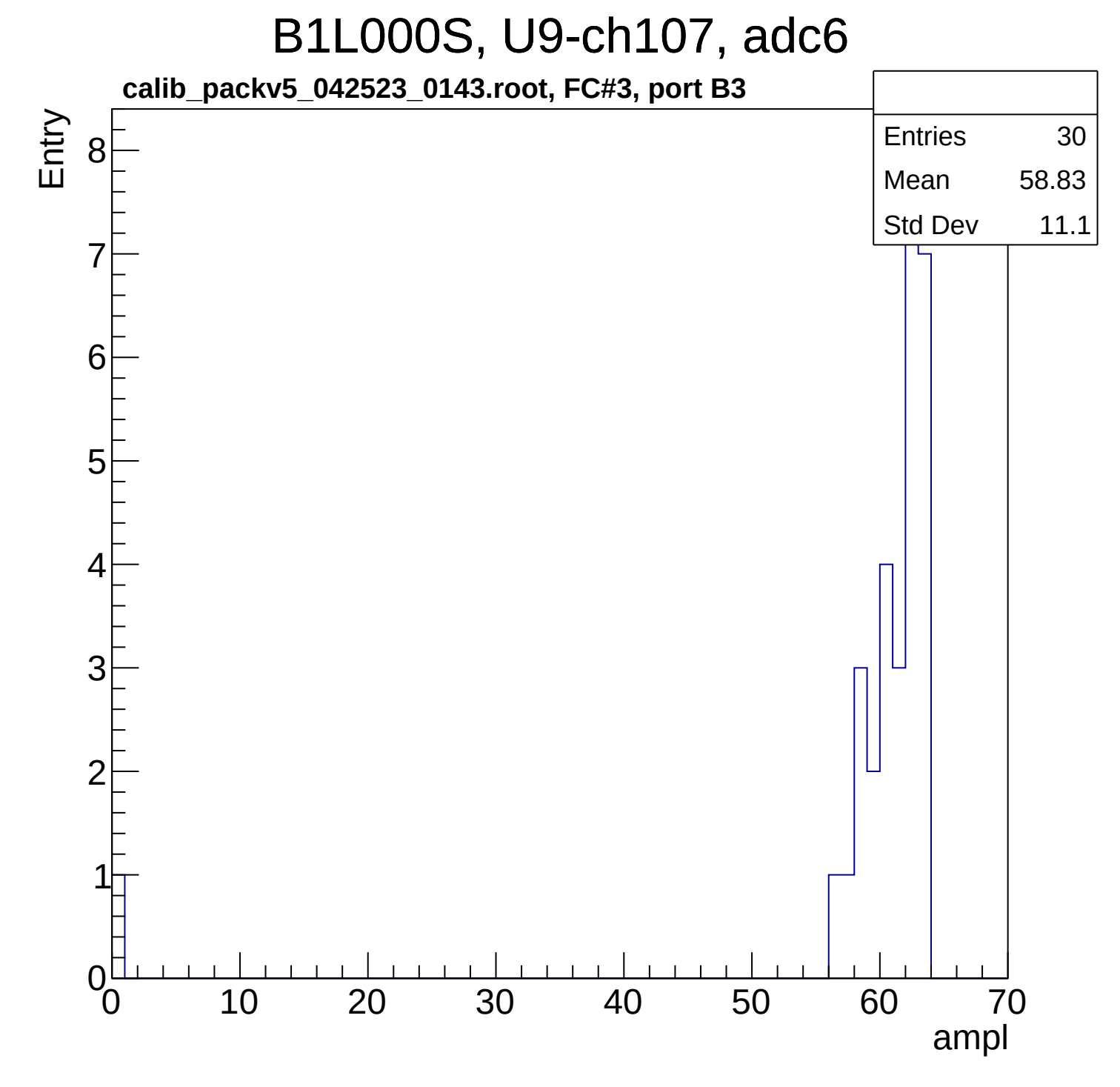
B1L000S, U9-ch107, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 30
Mean 58.83
Std Dev 11.1
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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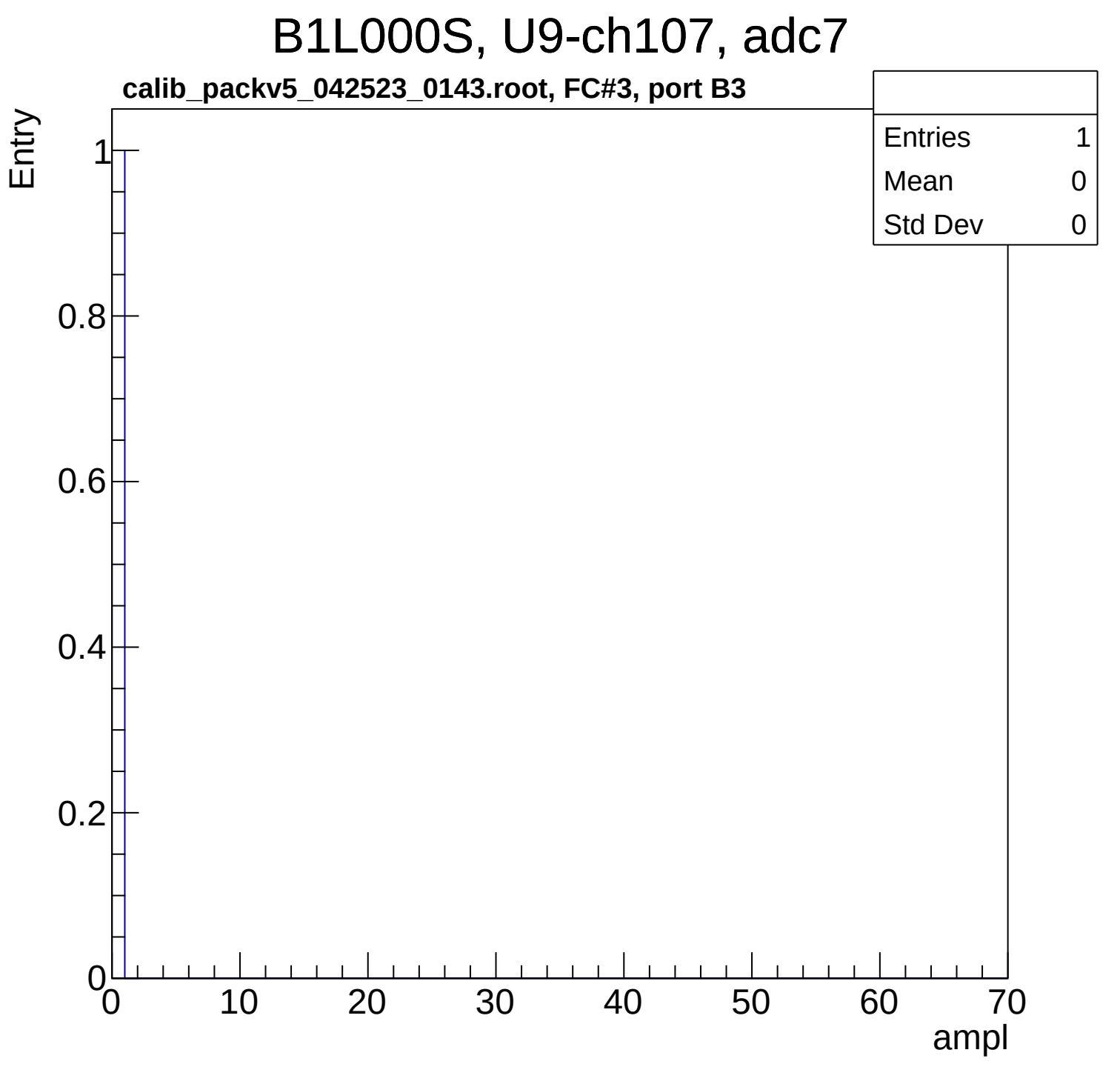
60
70


B1L000S, U9-ch107, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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10
20
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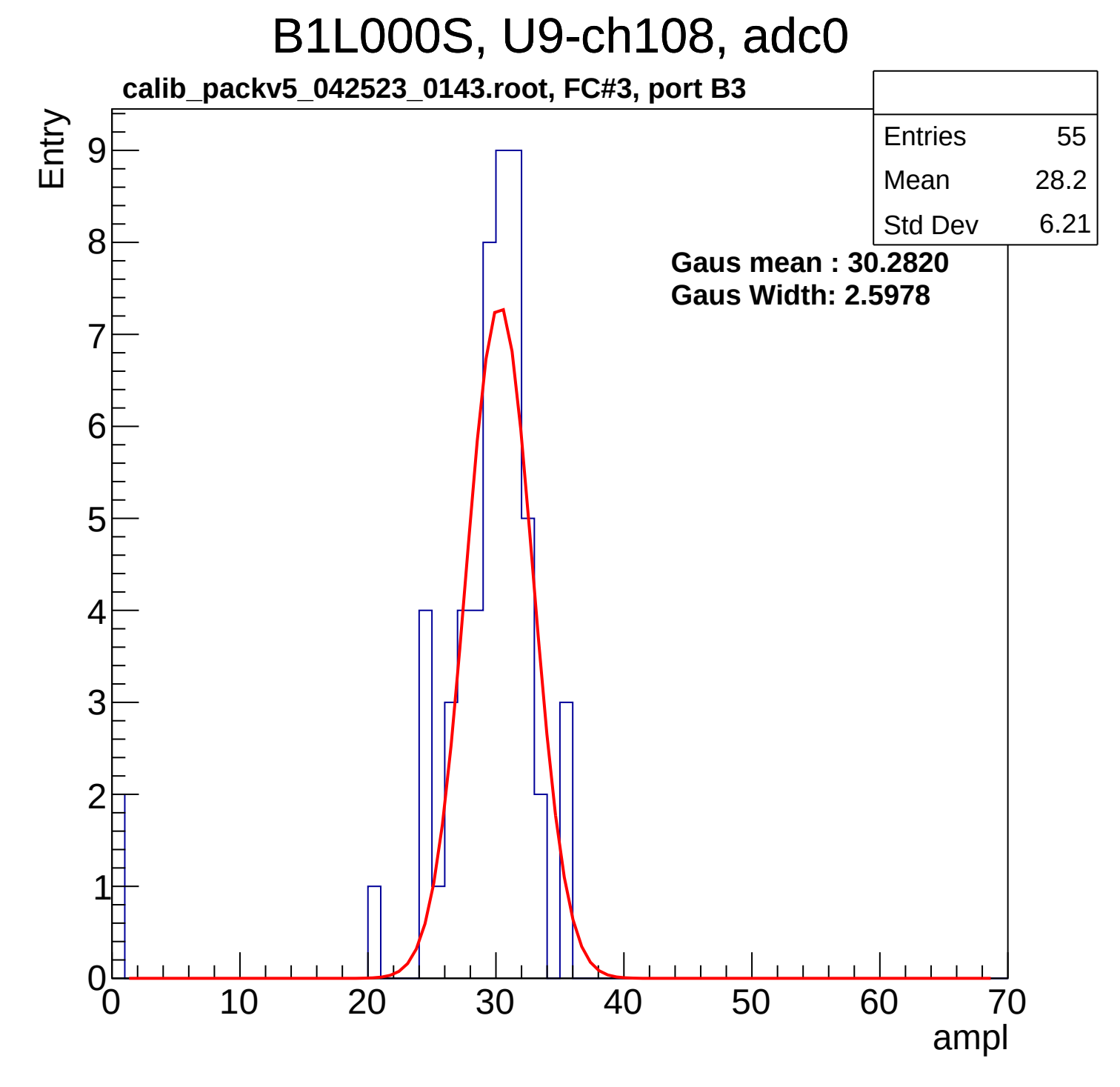
50
60
70
ampl


B1L000S, U9-ch108, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.2
Std Dev 6.21
Gaus mean : 30.2820
Gaus Width: 2.5978
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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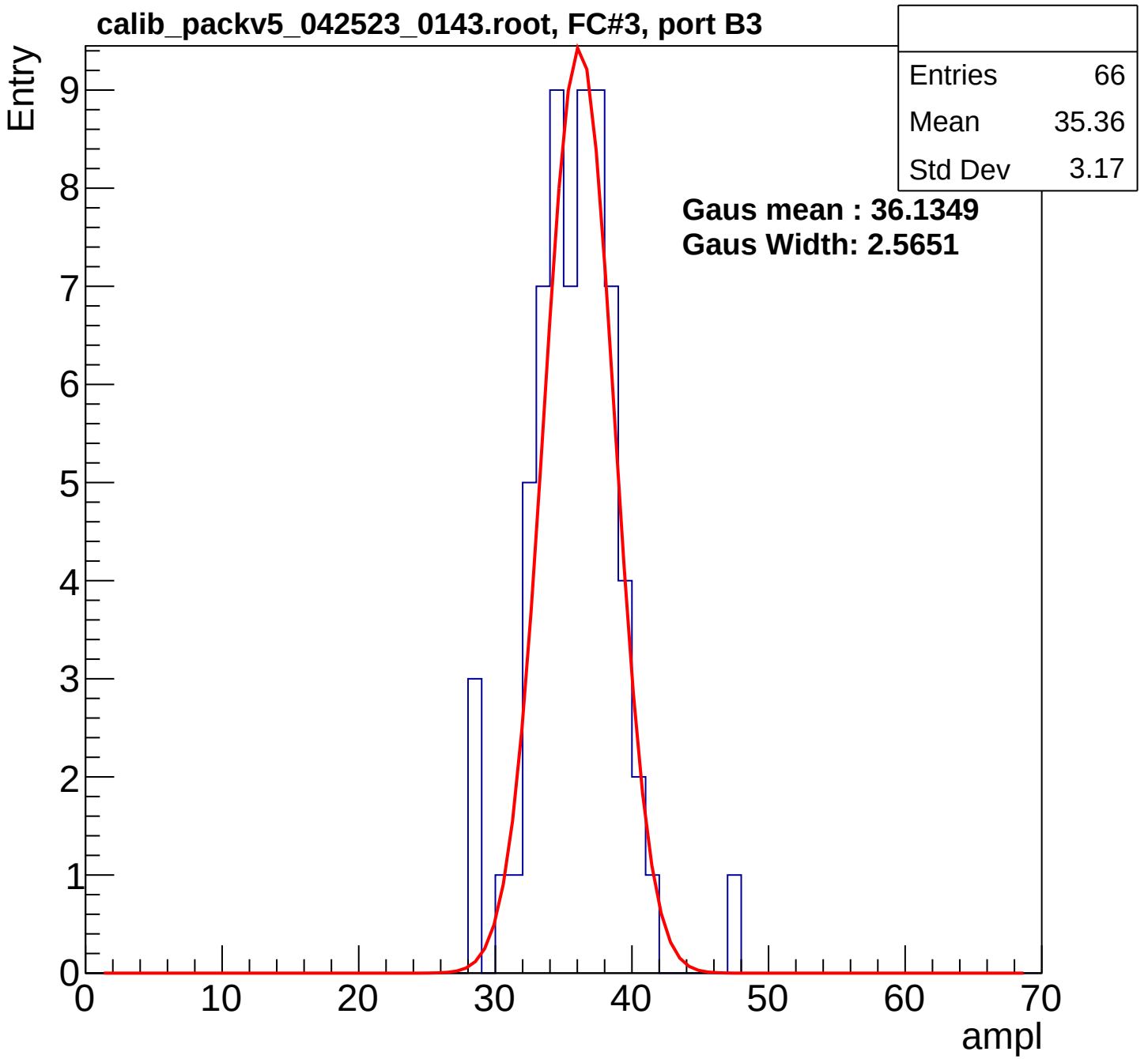
B1L000S, U9-ch108, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.36
Std Dev 3.17
Gaus mean : 36.1349
Gaus Width: 2.5651
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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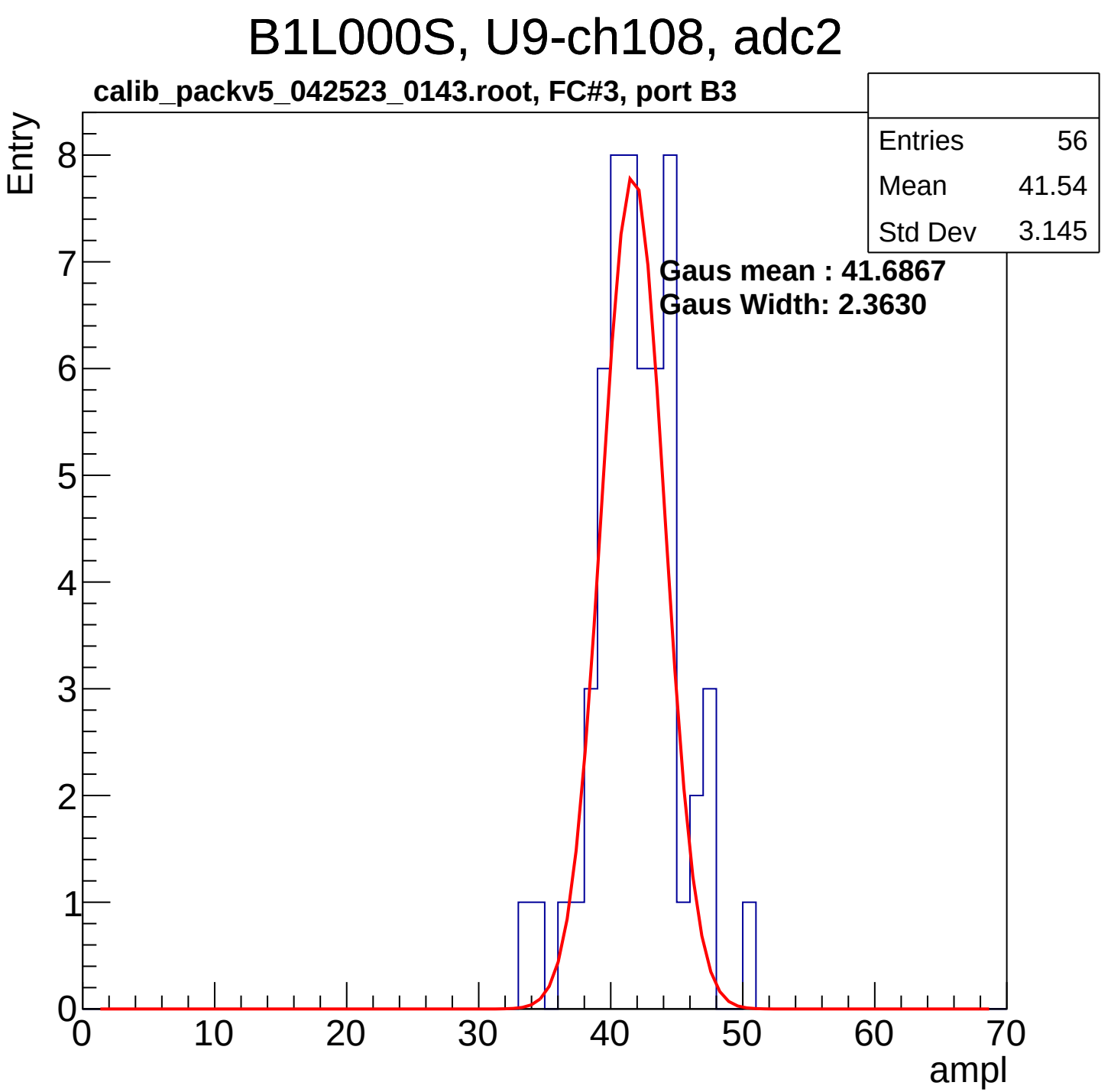
40
50
60
70


B1L000S, U9-ch108, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.54
Std Dev 3.145
Gaus mean : 41.6867
Gaus Width: 2.3630
Entry
ampl
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1
2
3
4
5
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0
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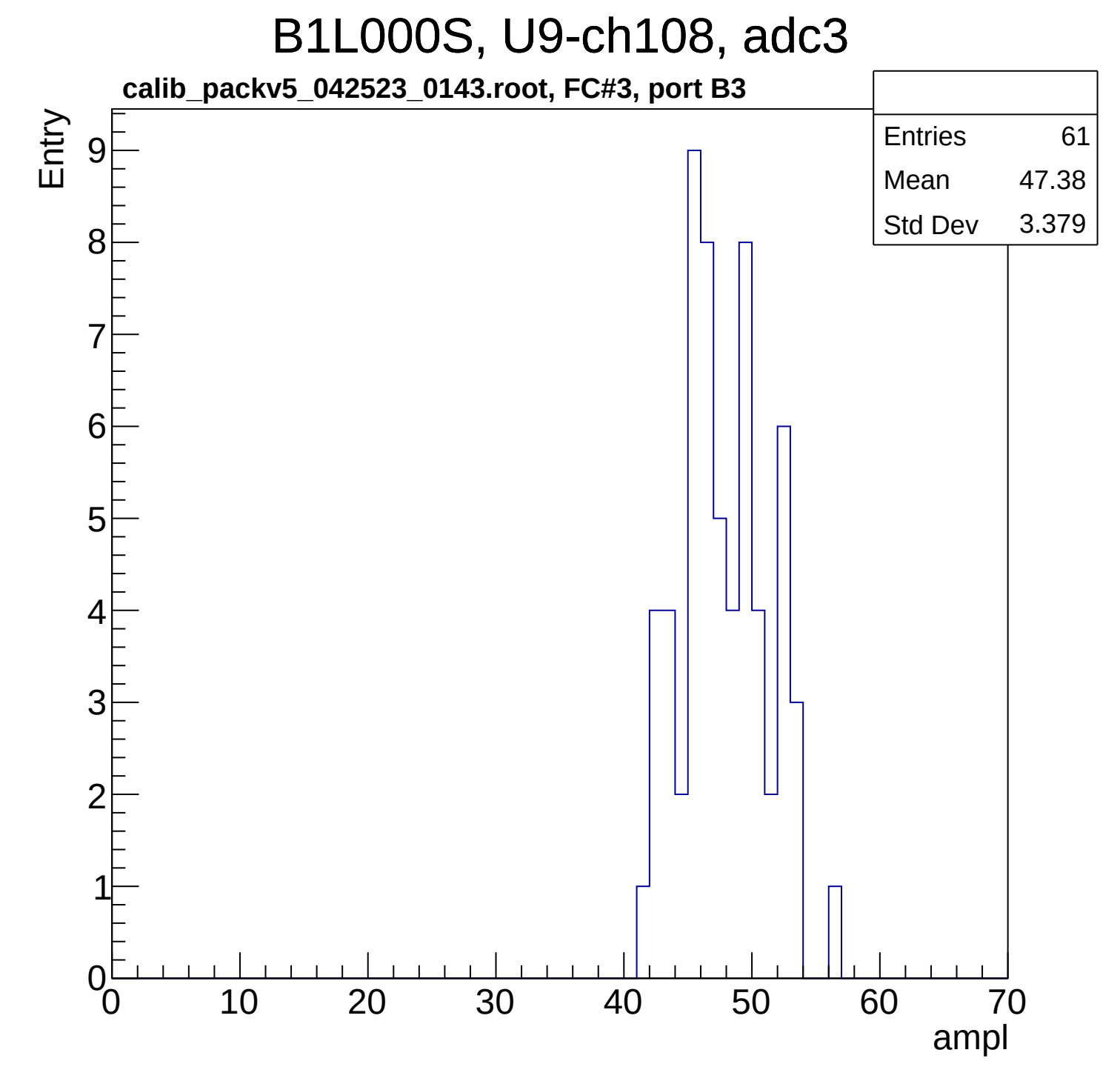
B1L000S, U9-ch108, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 47.38
Std Dev 3.379
Entry
ampl
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3
4
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6
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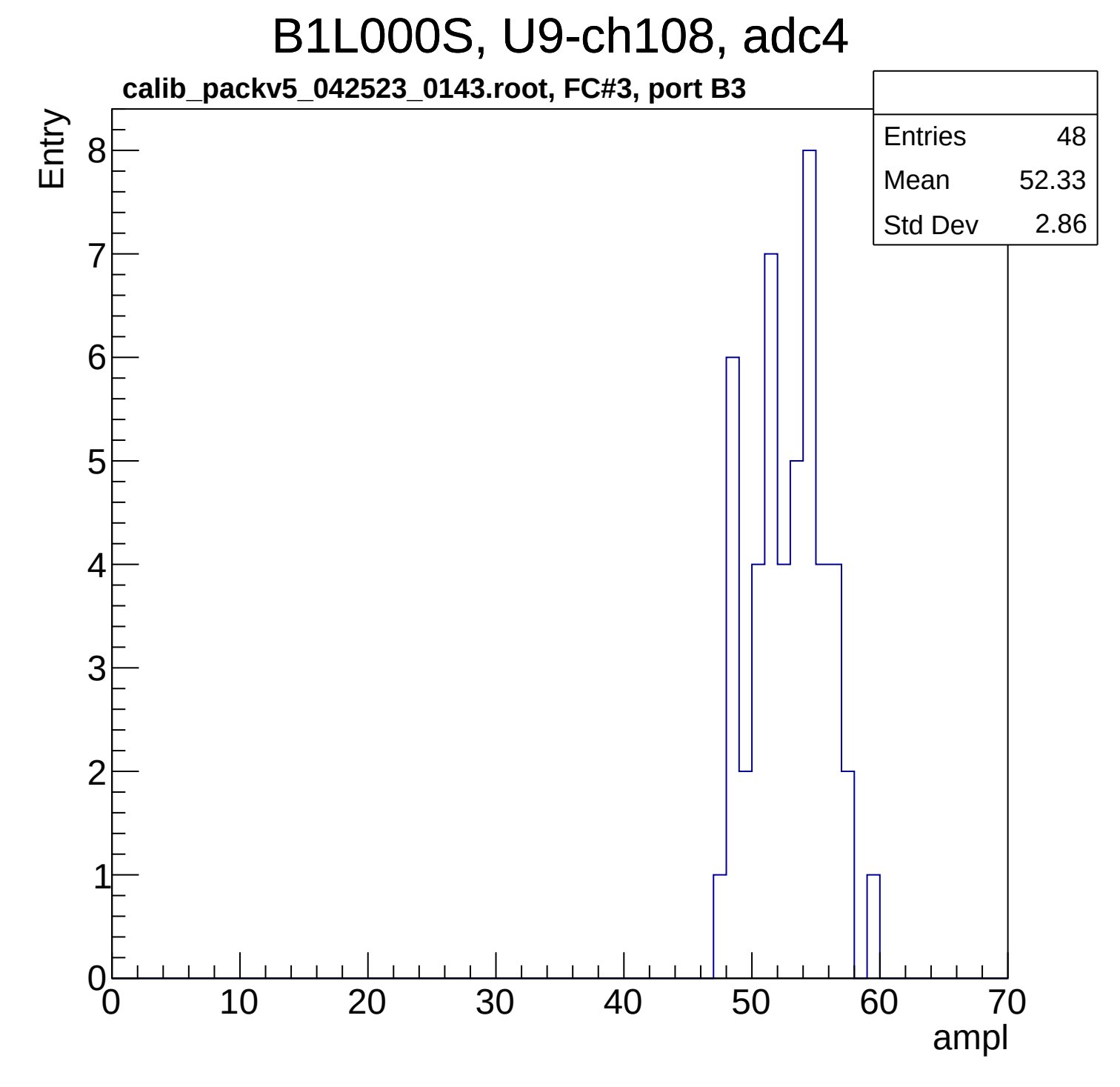
B1L000S, U9-ch108, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 52.33
Std Dev 2.86
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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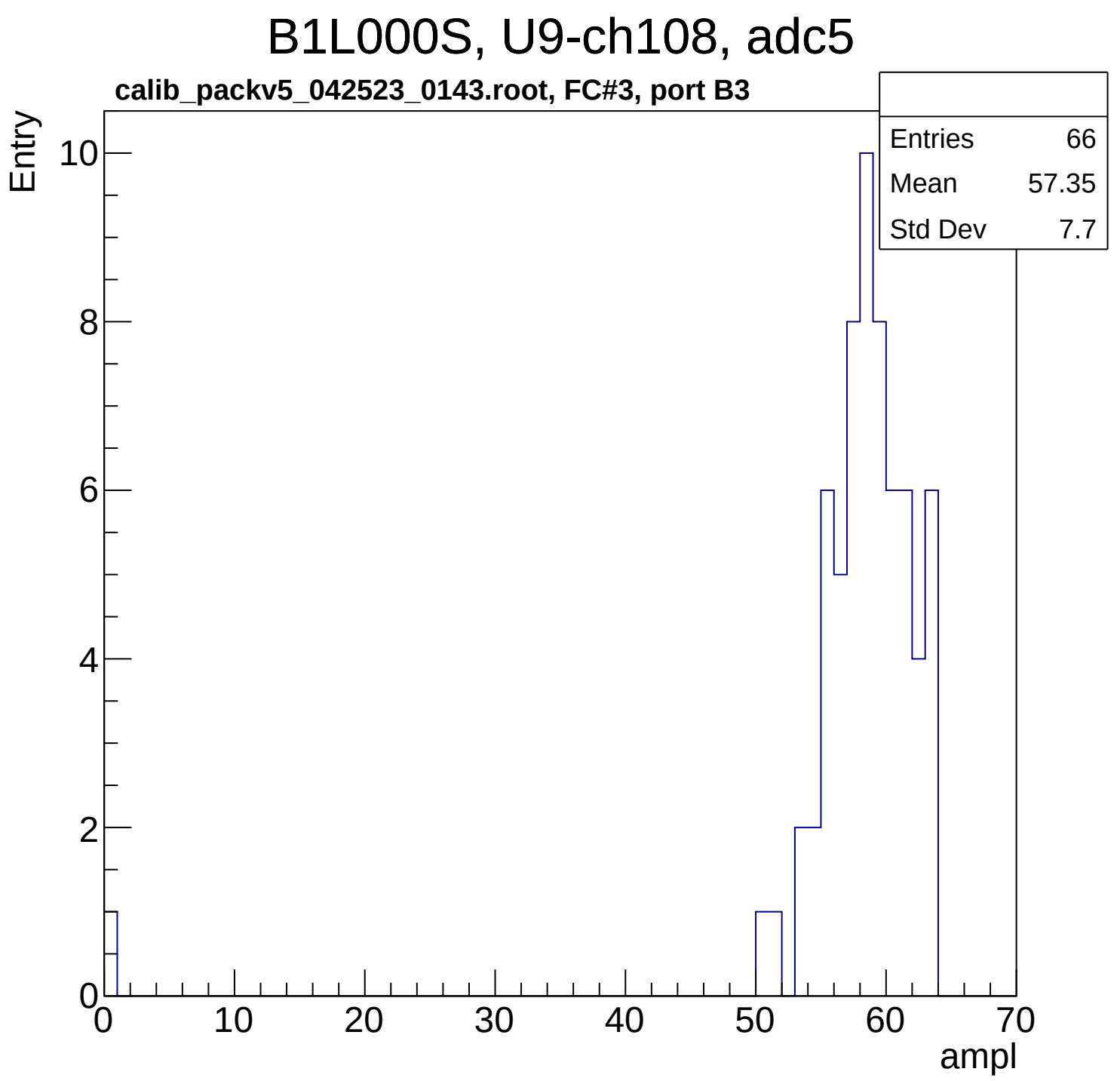
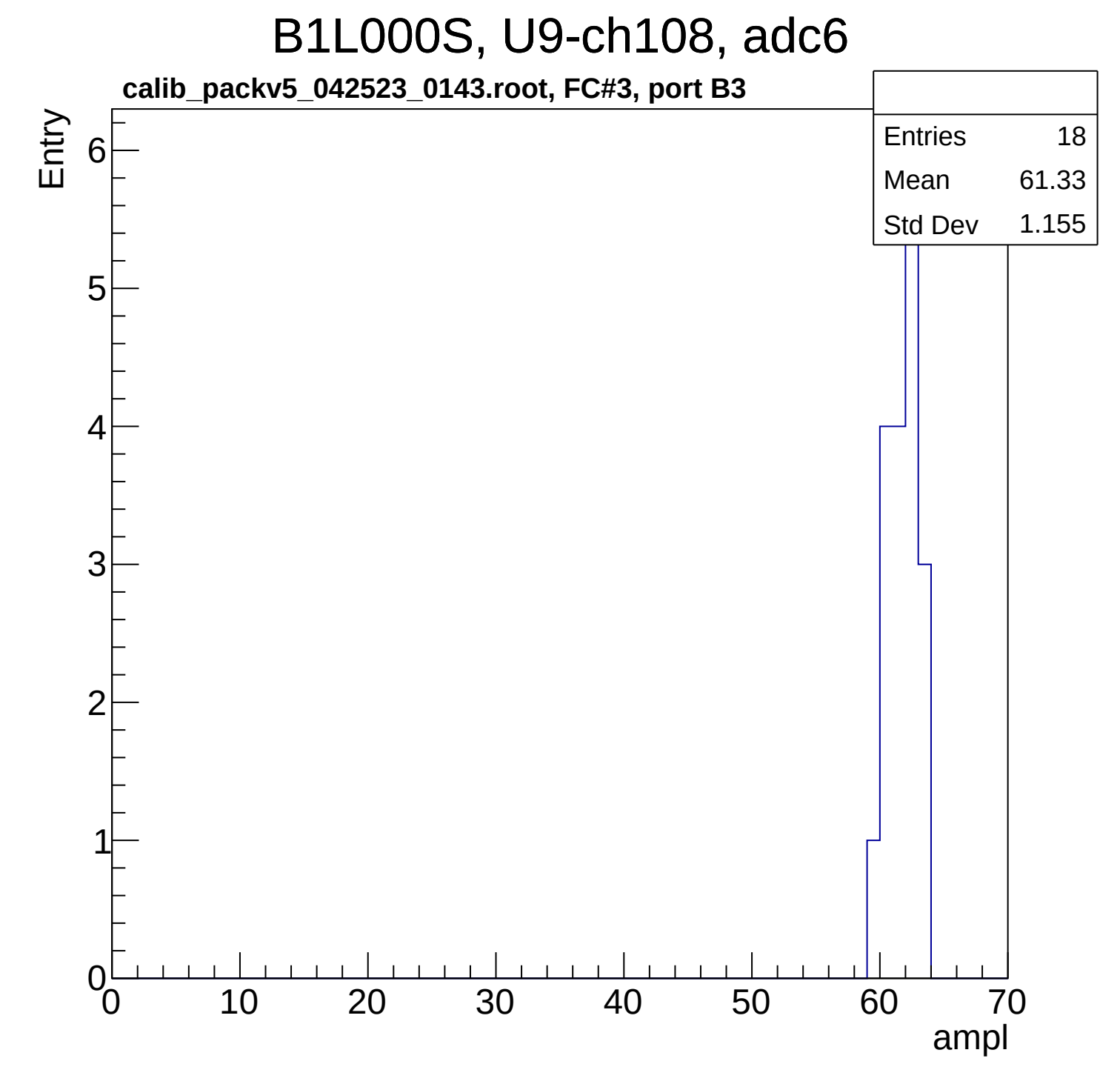
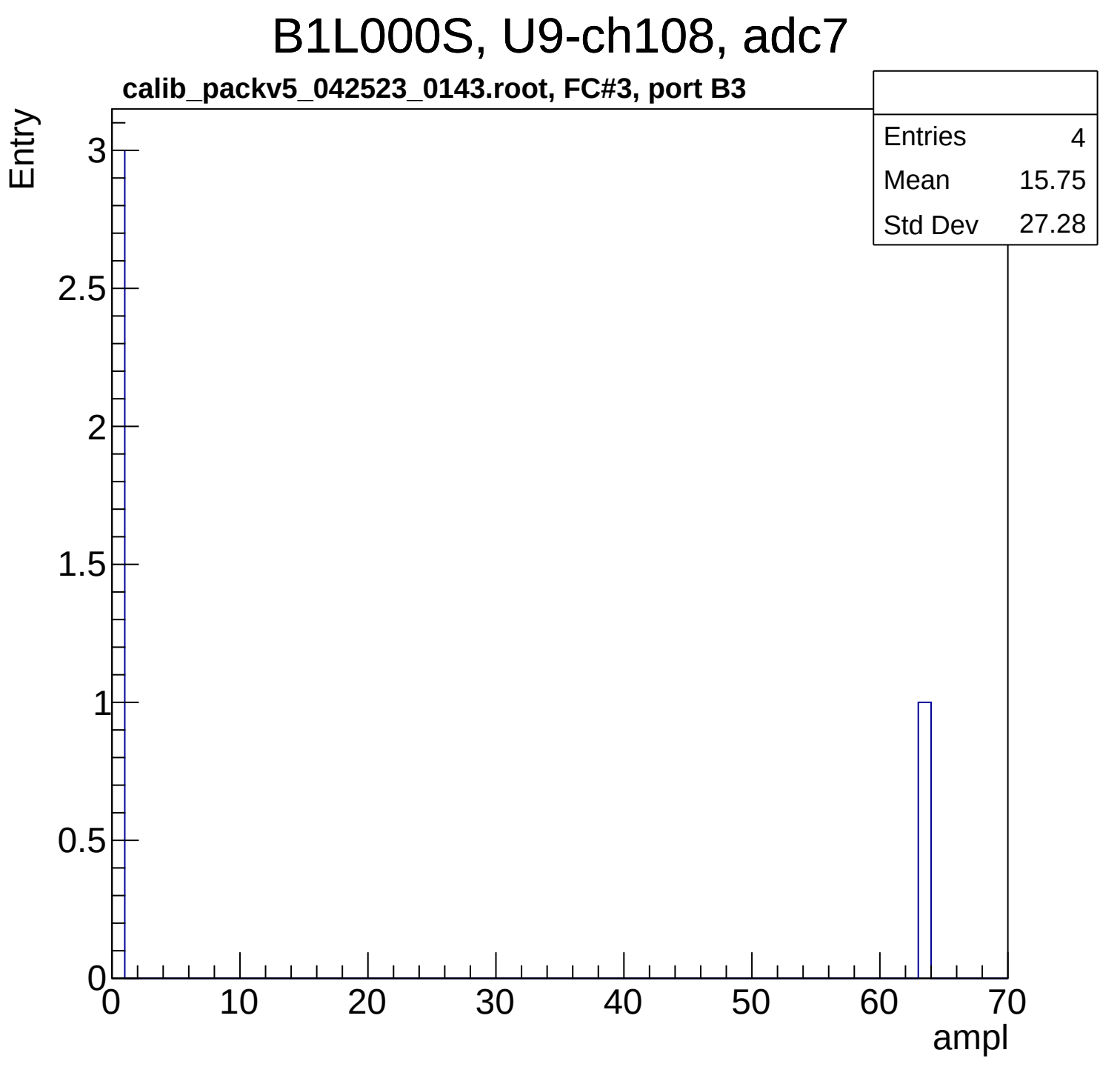

B1L000S, U9-ch108, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 57.35
Std Dev 7.7
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch108, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.33
Std Dev 1.155
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch108, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 15.75
Std Dev 27.28
Entry
ampl
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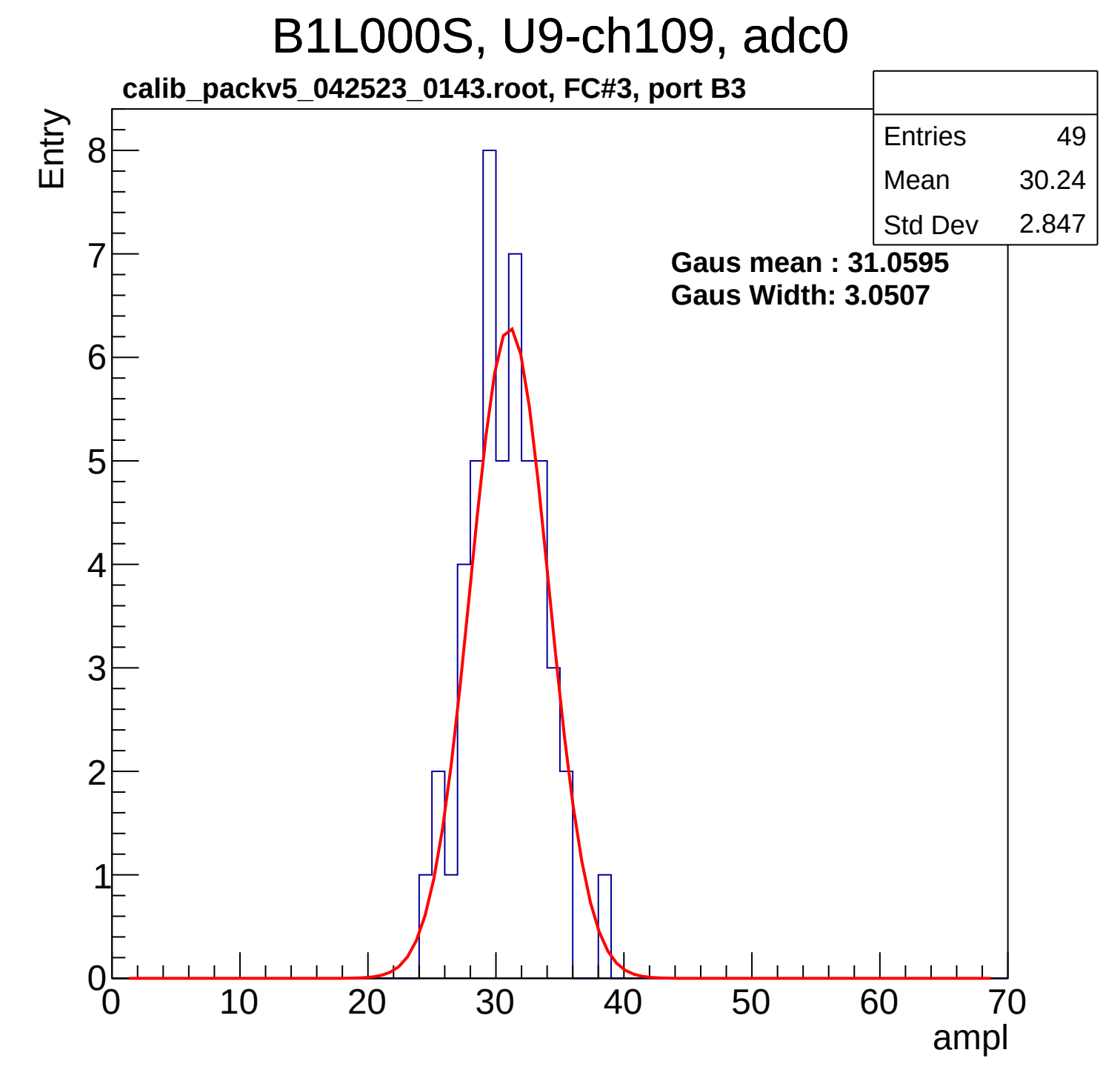
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch109, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 30.24
Std Dev 2.847
Gaus mean : 31.0595
Gaus Width: 3.0507
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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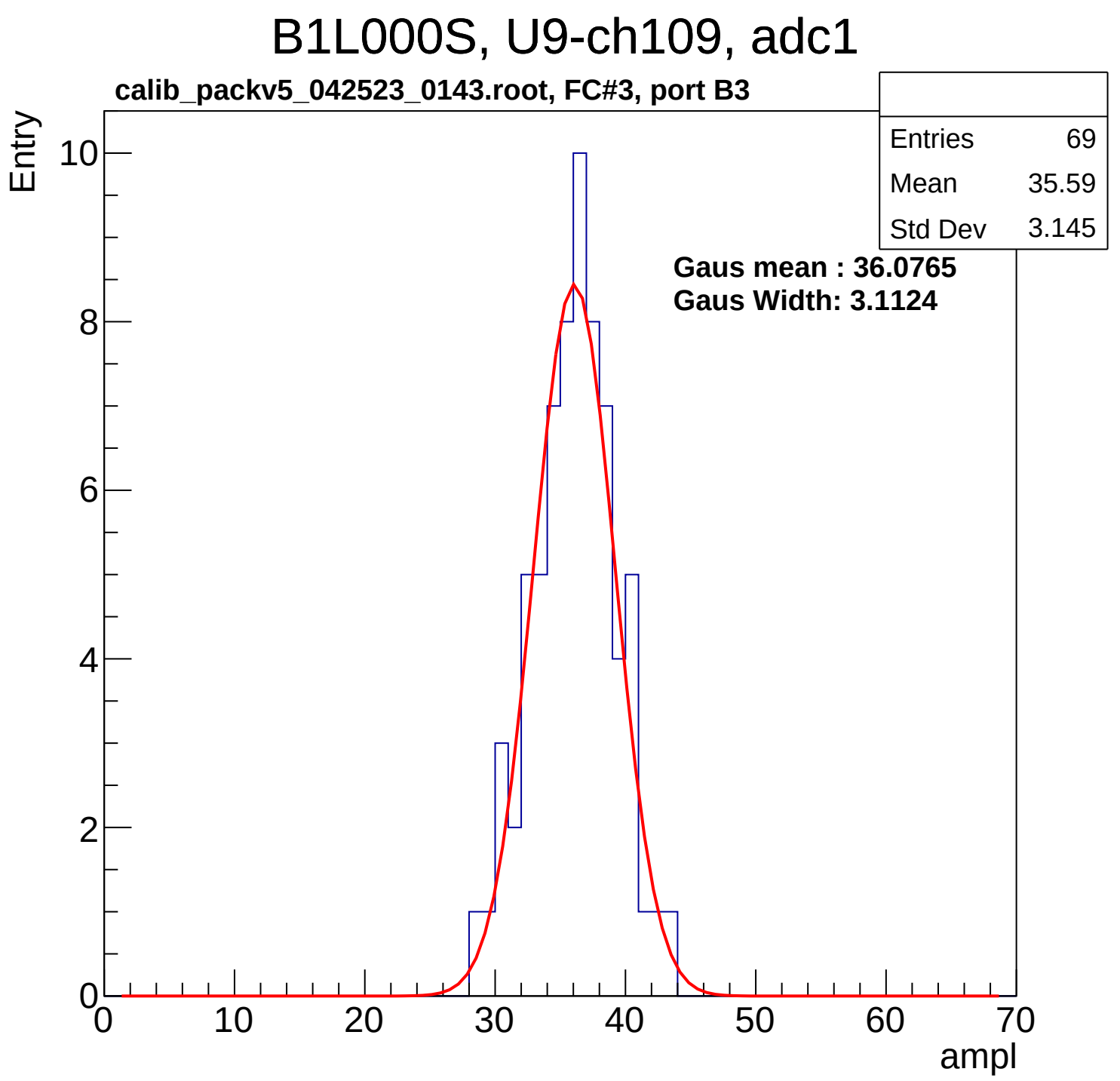
B1L000S, U9-ch109, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.59
Std Dev 3.145
Gaus mean : 36.0765
Gaus Width: 3.1124
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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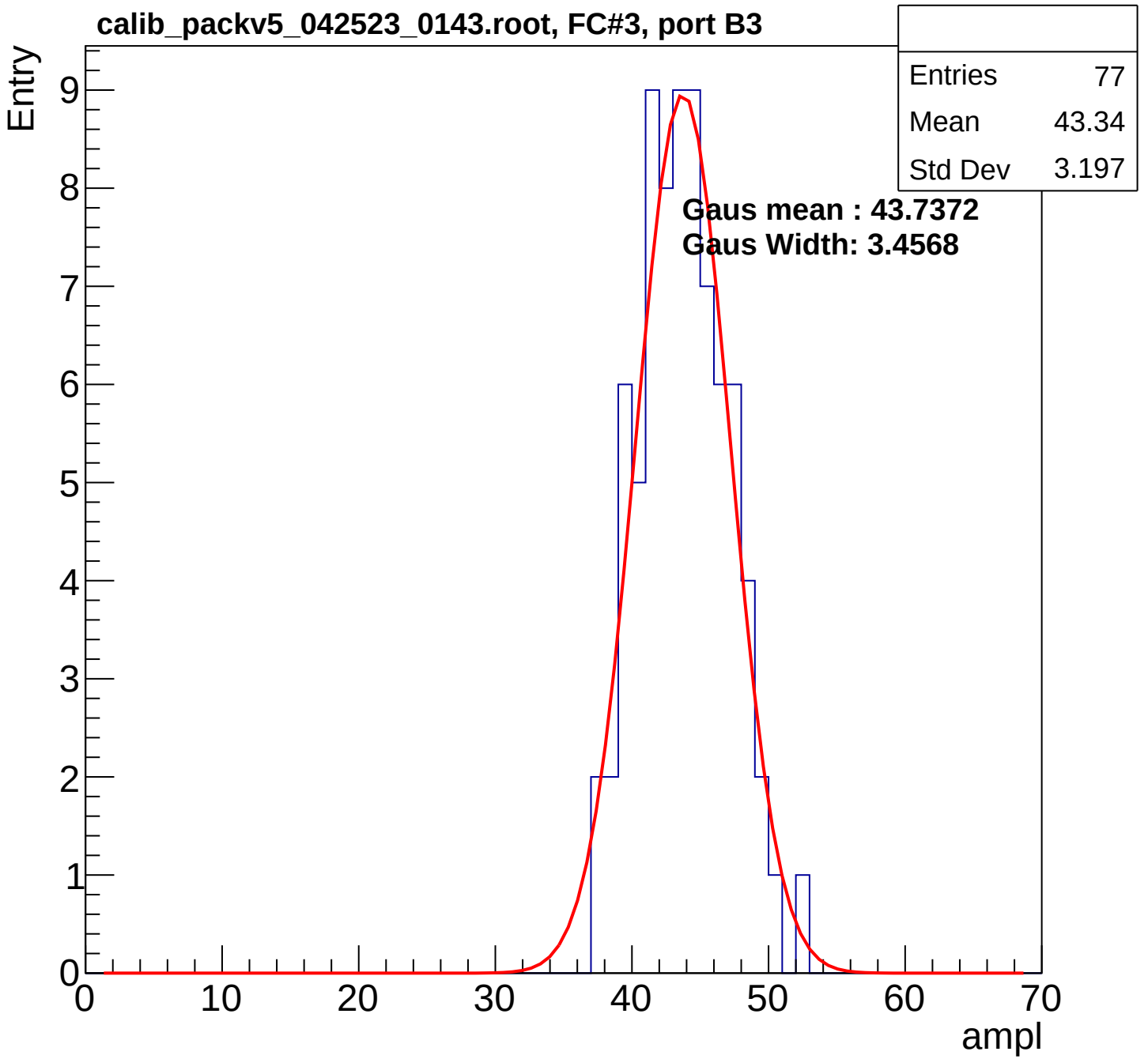
B1L000S, U9-ch109, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 43.34
Std Dev 3.197
Gaus mean : 43.7372
Gaus Width: 3.4568
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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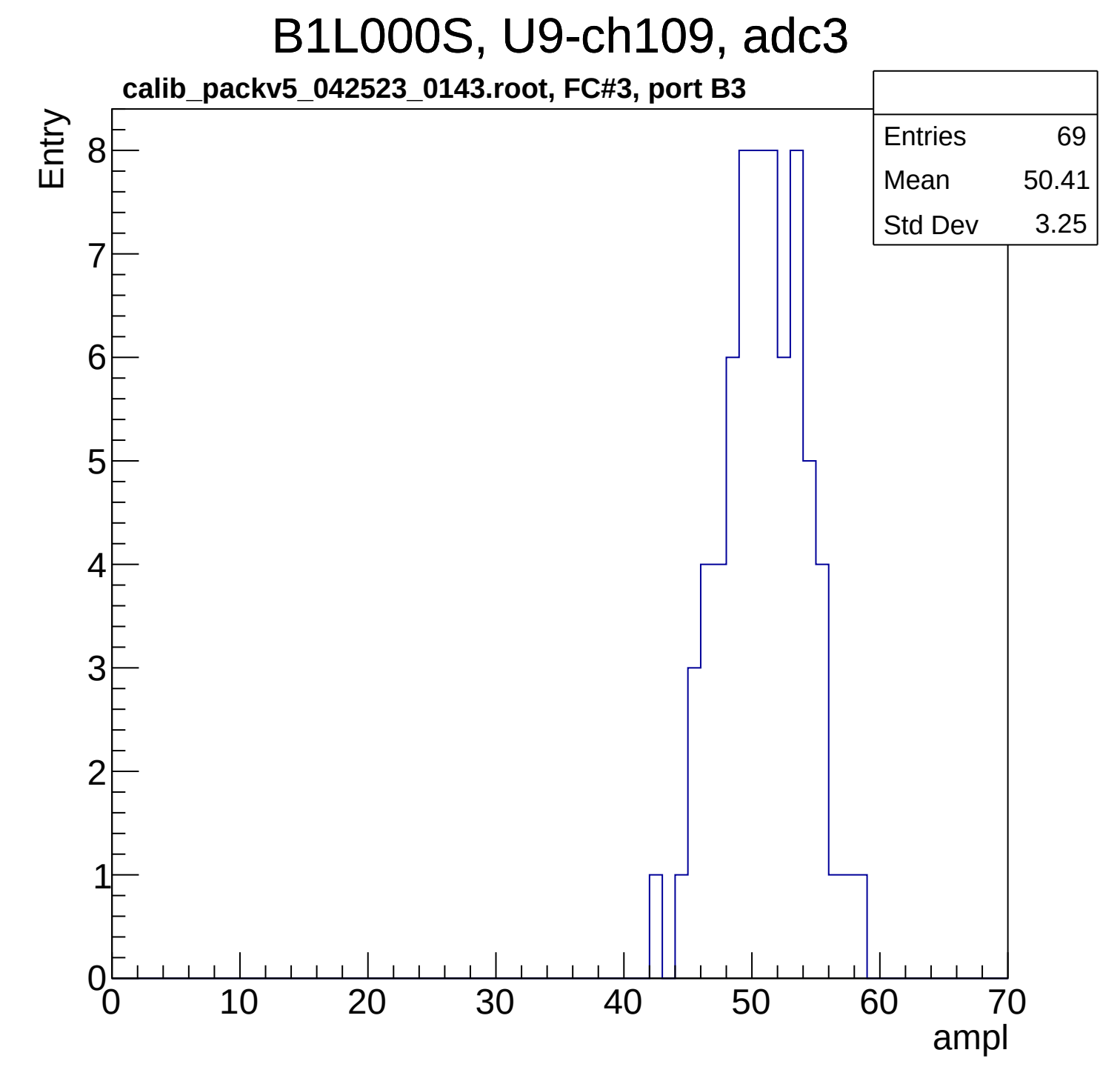
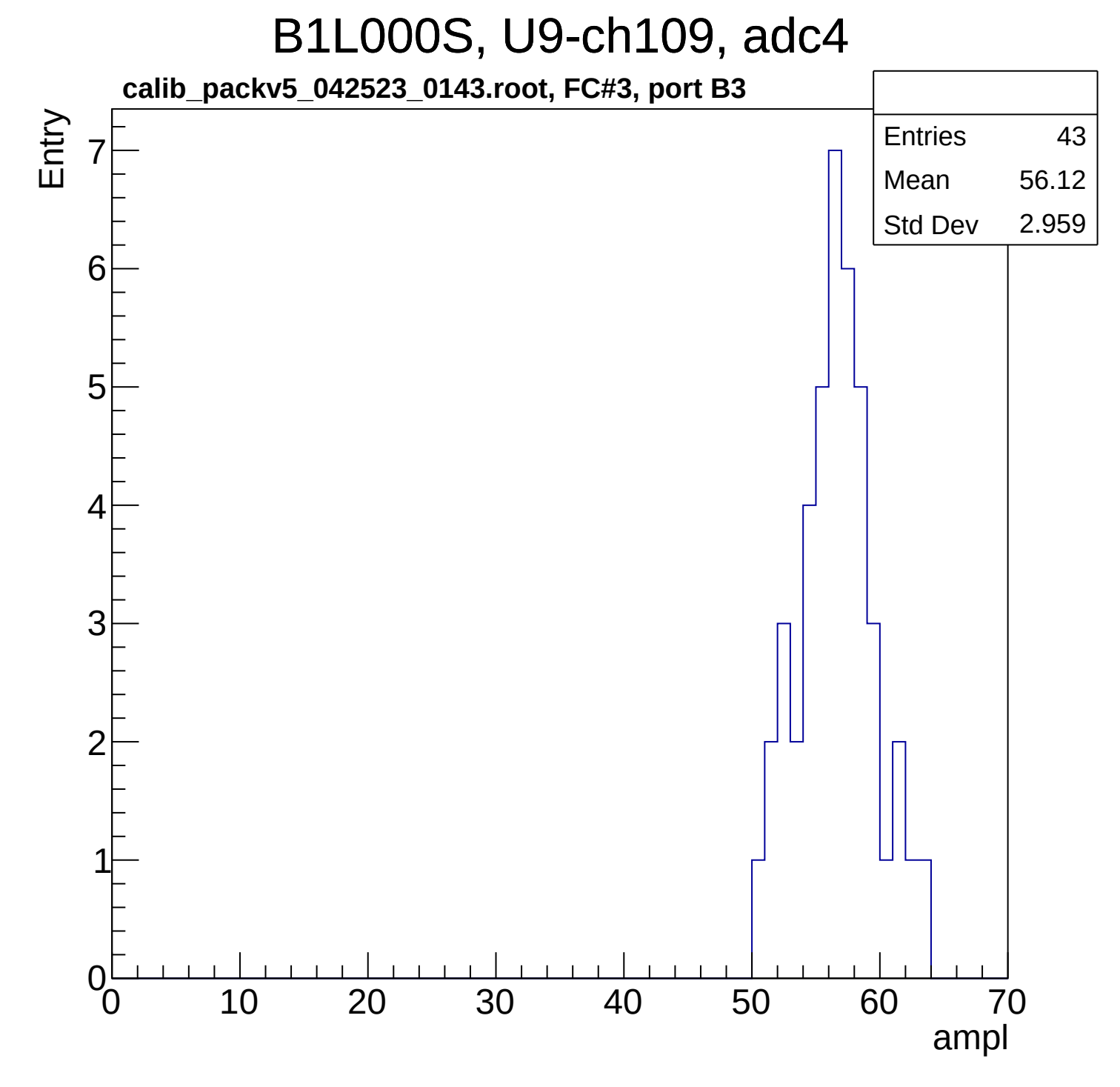

B1L000S, U9-ch109, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 50.41
Std Dev 3.25
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch109, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 56.12
Std Dev 2.959
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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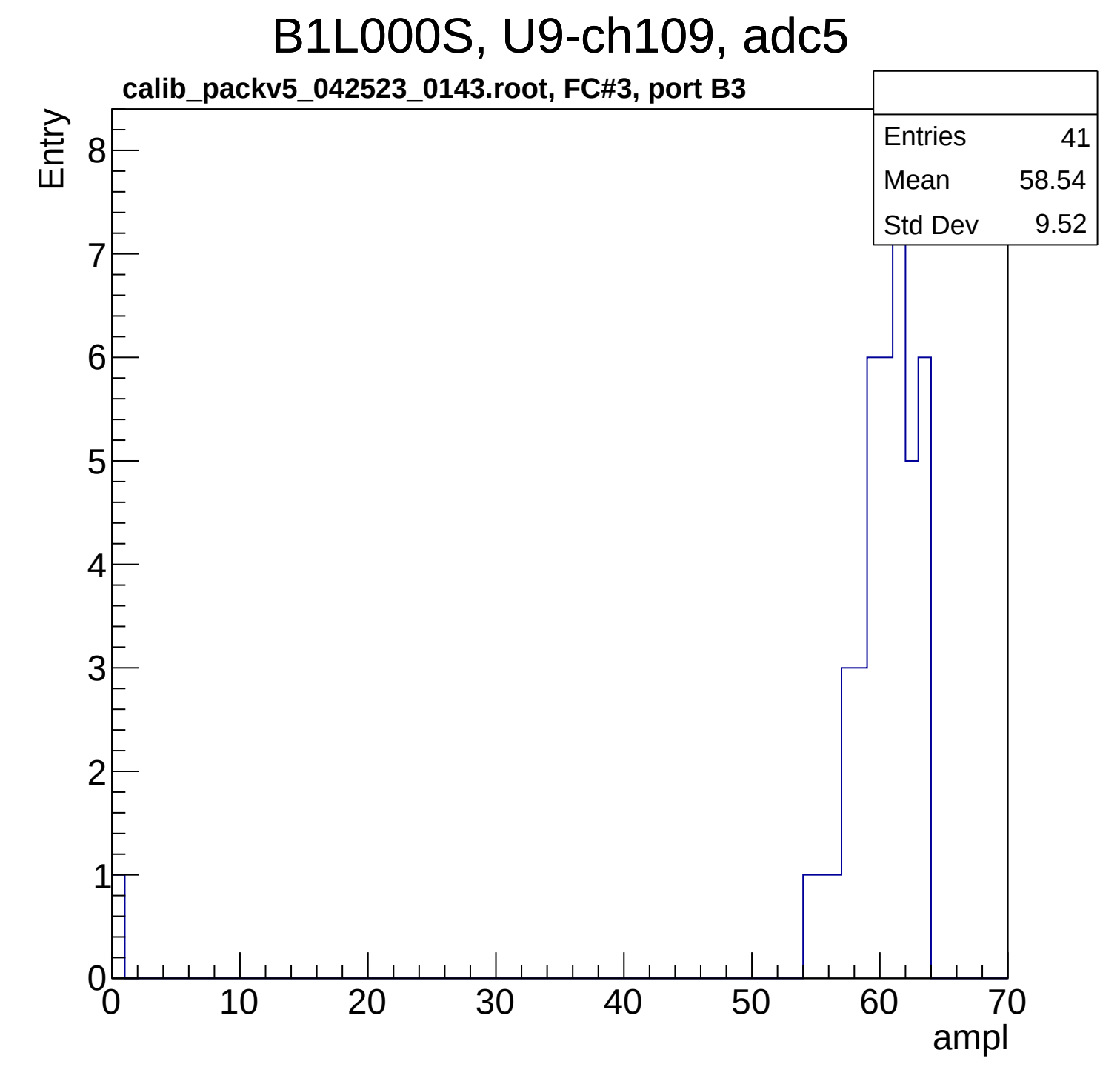
B1L000S, U9-ch109, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 58.54
Std Dev 9.52
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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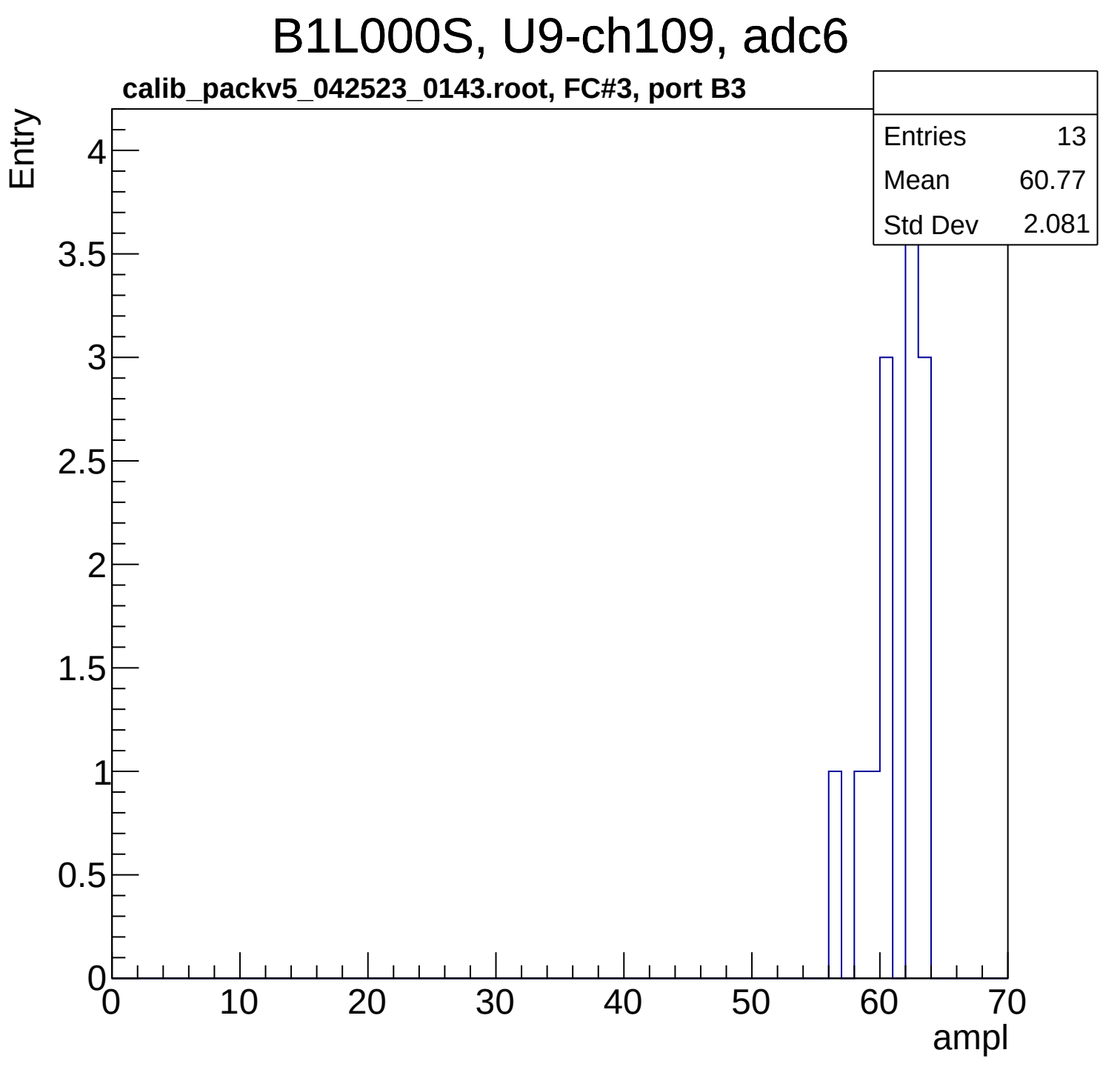
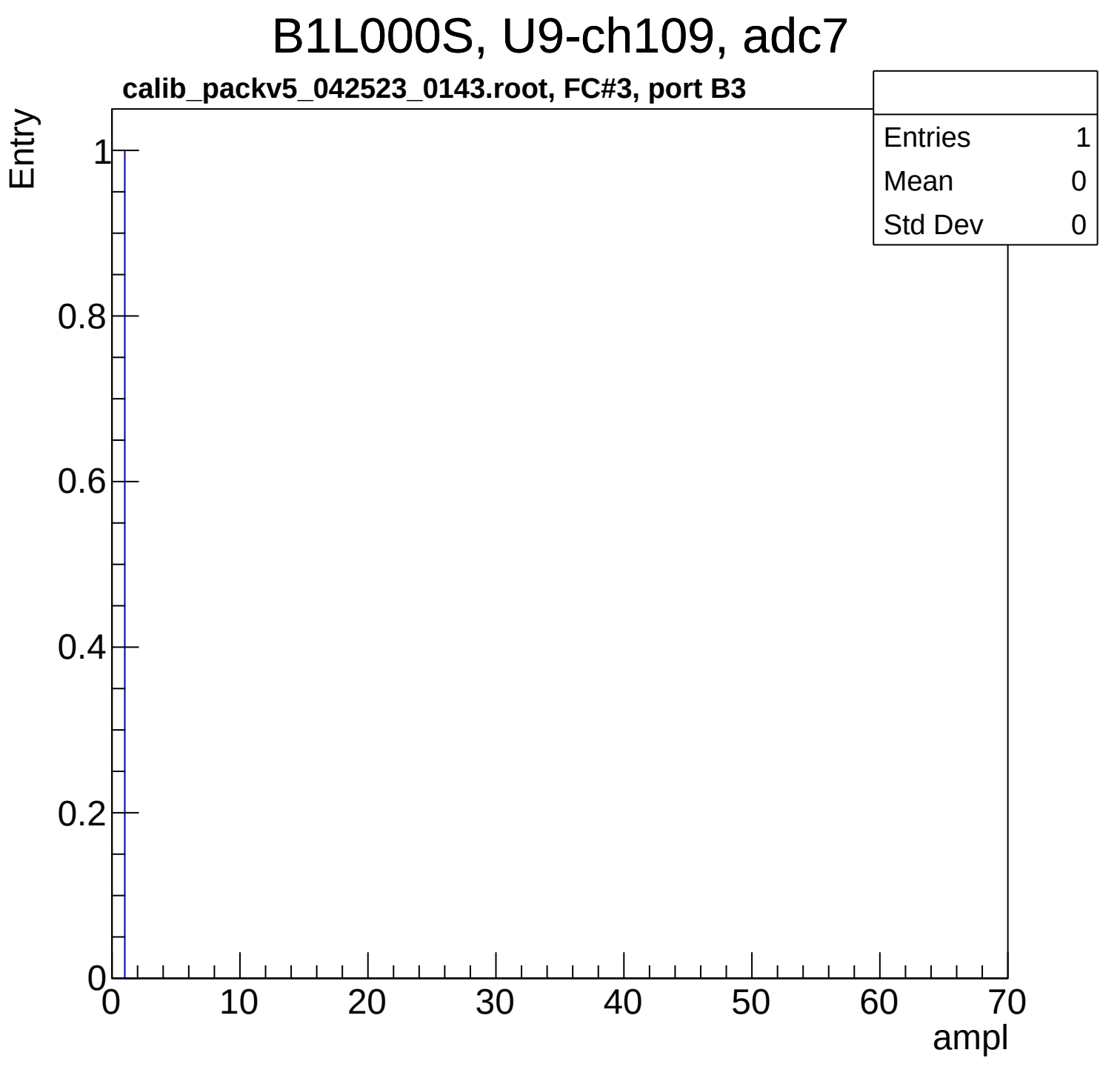
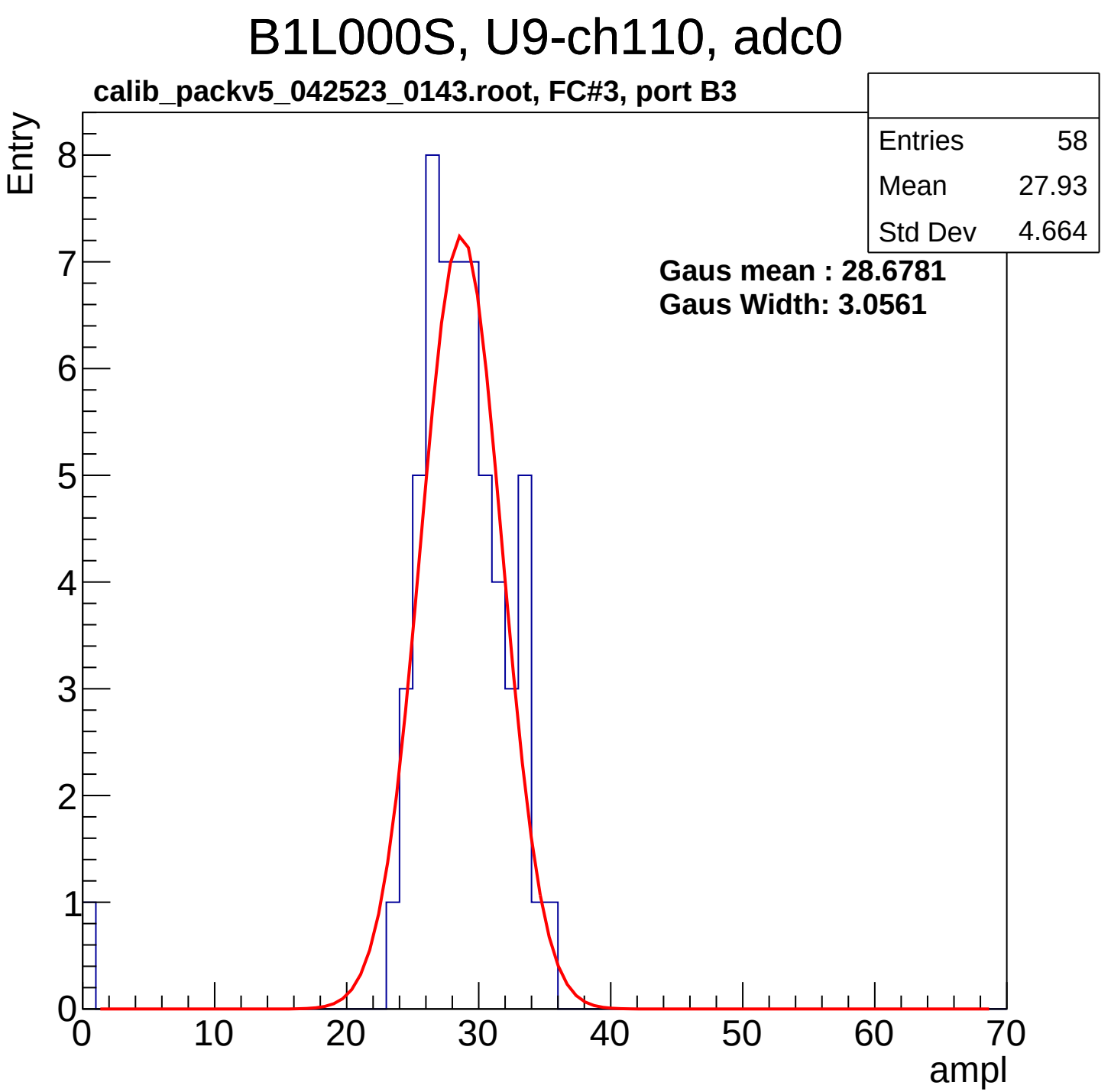

B1L000S, U9-ch109, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 60.77
Std Dev 2.081
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U9-ch109, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch110, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 27.93
Std Dev 4.664
Gaus mean : 28.6781
Gaus Width: 3.0561
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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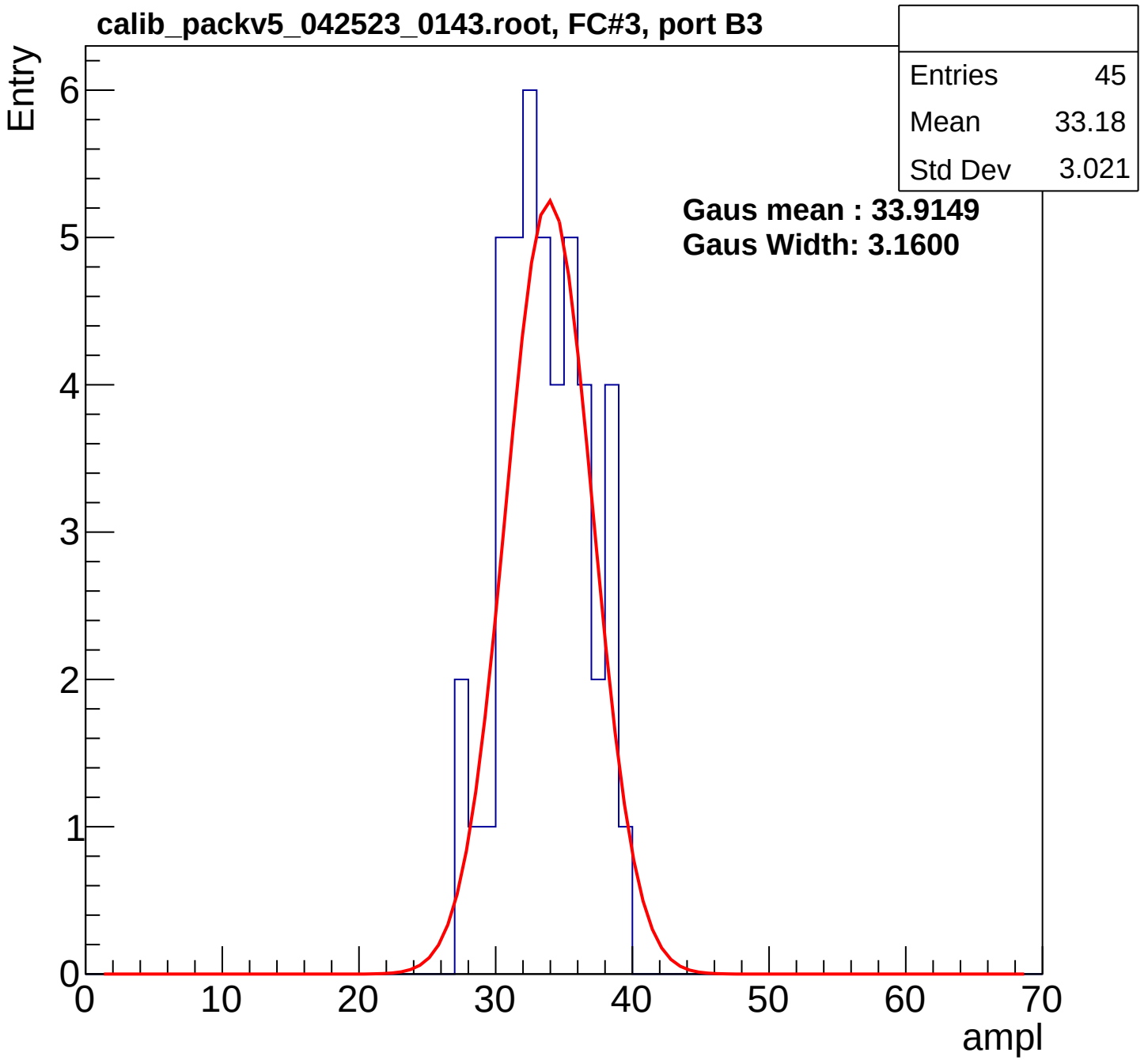
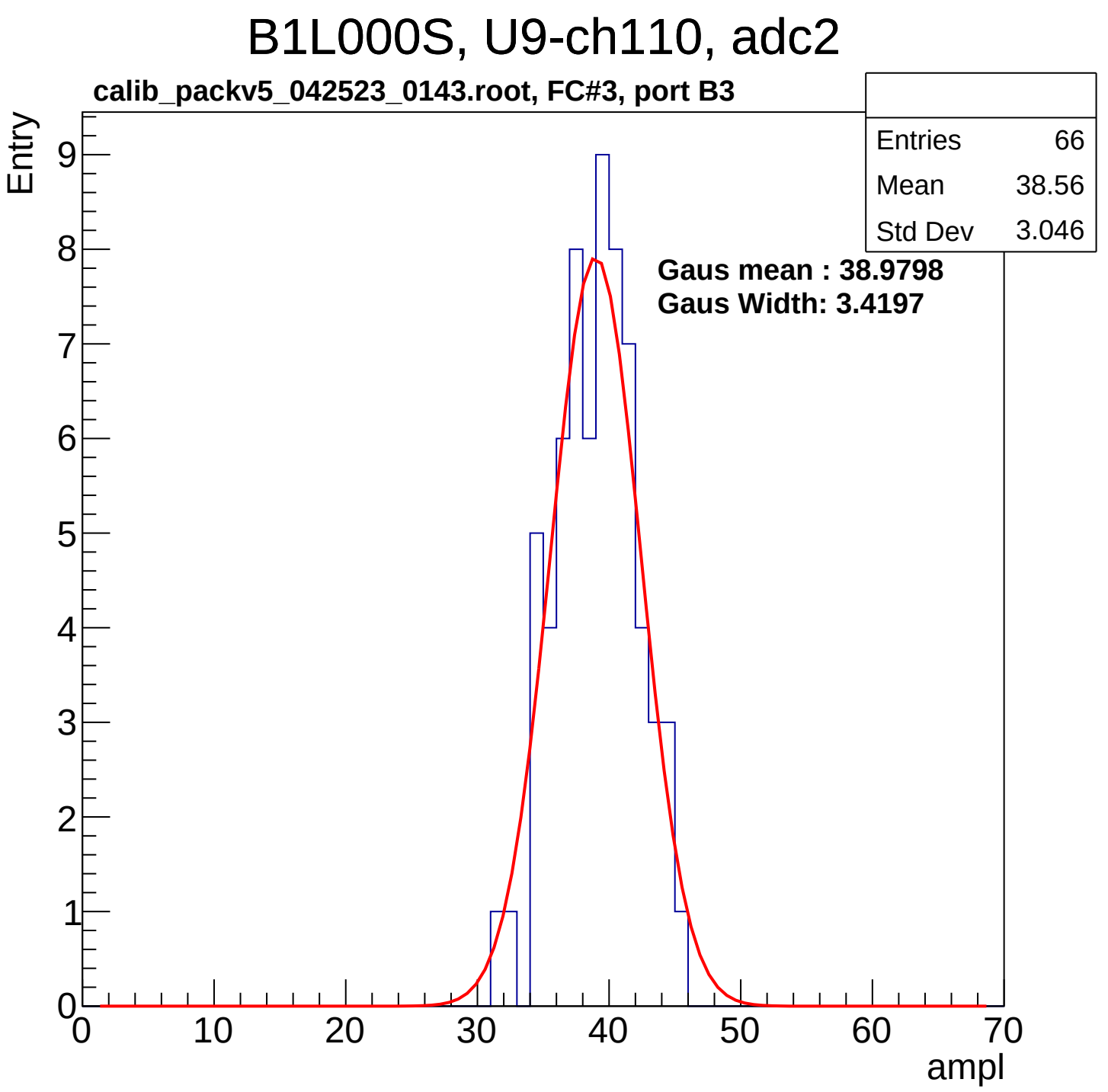

B1L000S, U9-ch110, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 33.18
Std Dev 3.021
Gaus mean : 33.9149
Gaus Width: 3.1600
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U9-ch110, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 38.56
Std Dev 3.046
Gaus mean : 38.9798
Gaus Width: 3.4197
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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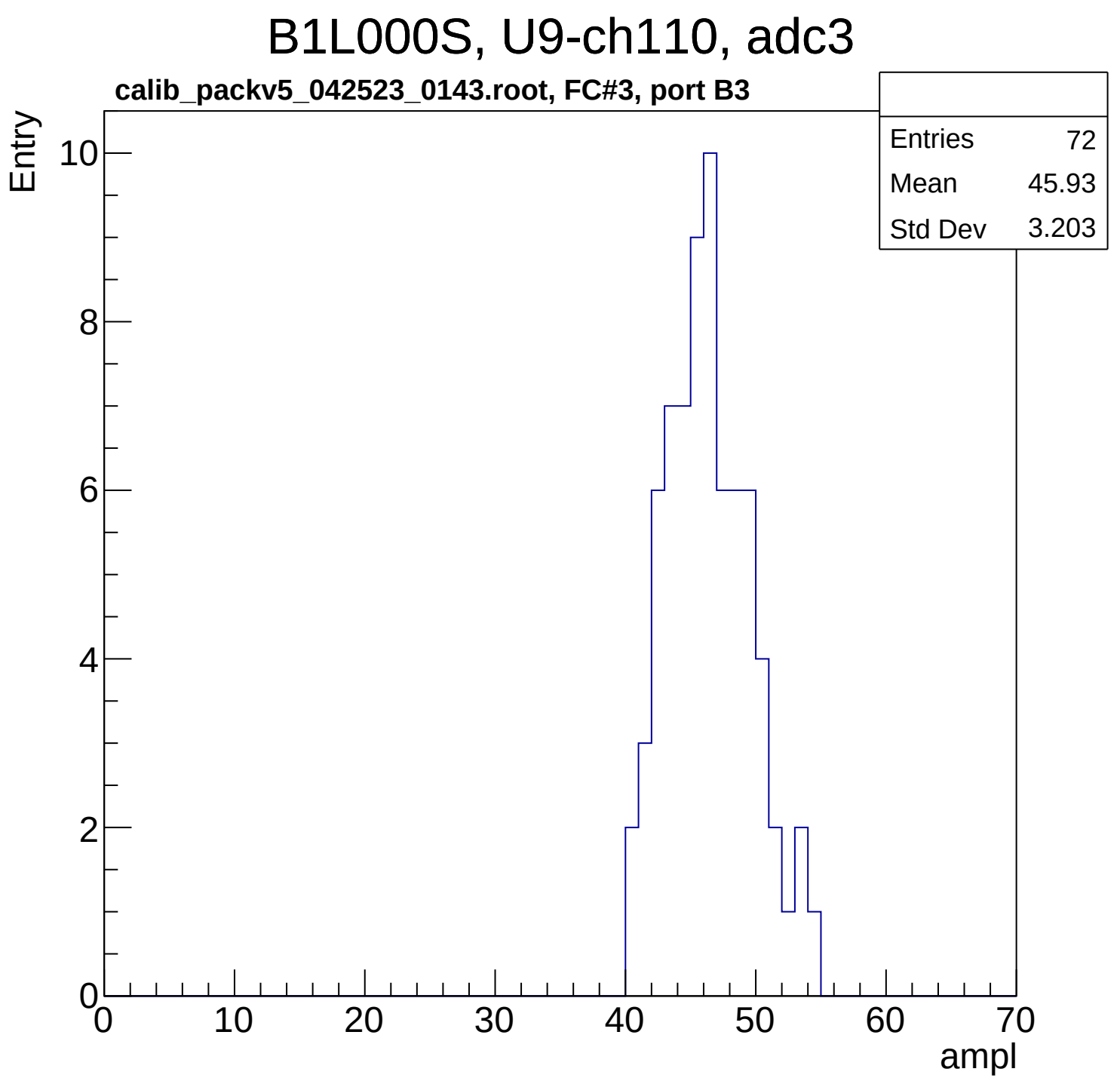
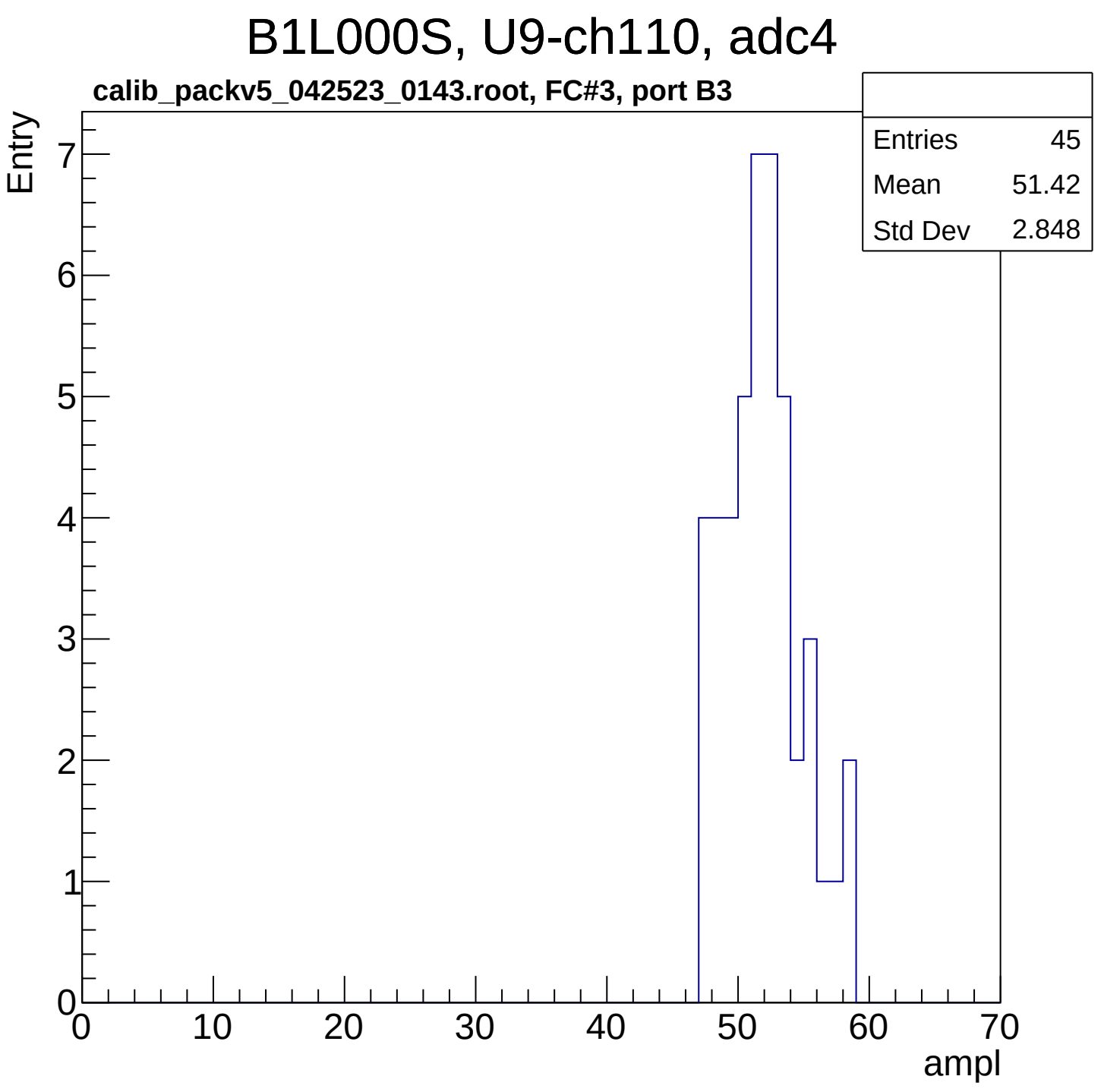

B1L000S, U9-ch110, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 45.93
Std Dev 3.203
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch110, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 51.42
Std Dev 2.848
Entry
ampl
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3
4
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6
7
0
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60
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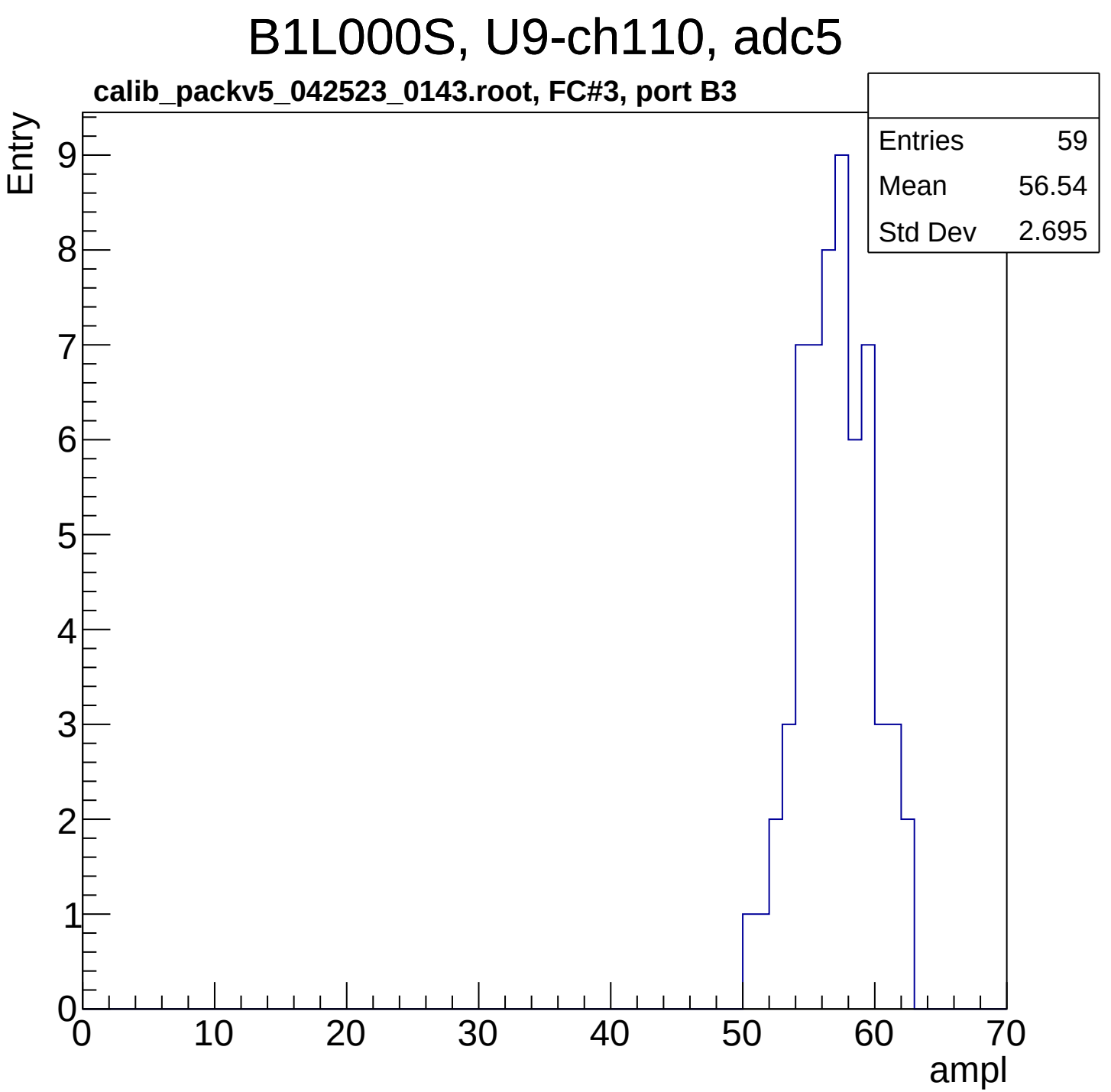
B1L000S, U9-ch110, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 56.54
Std Dev 2.695
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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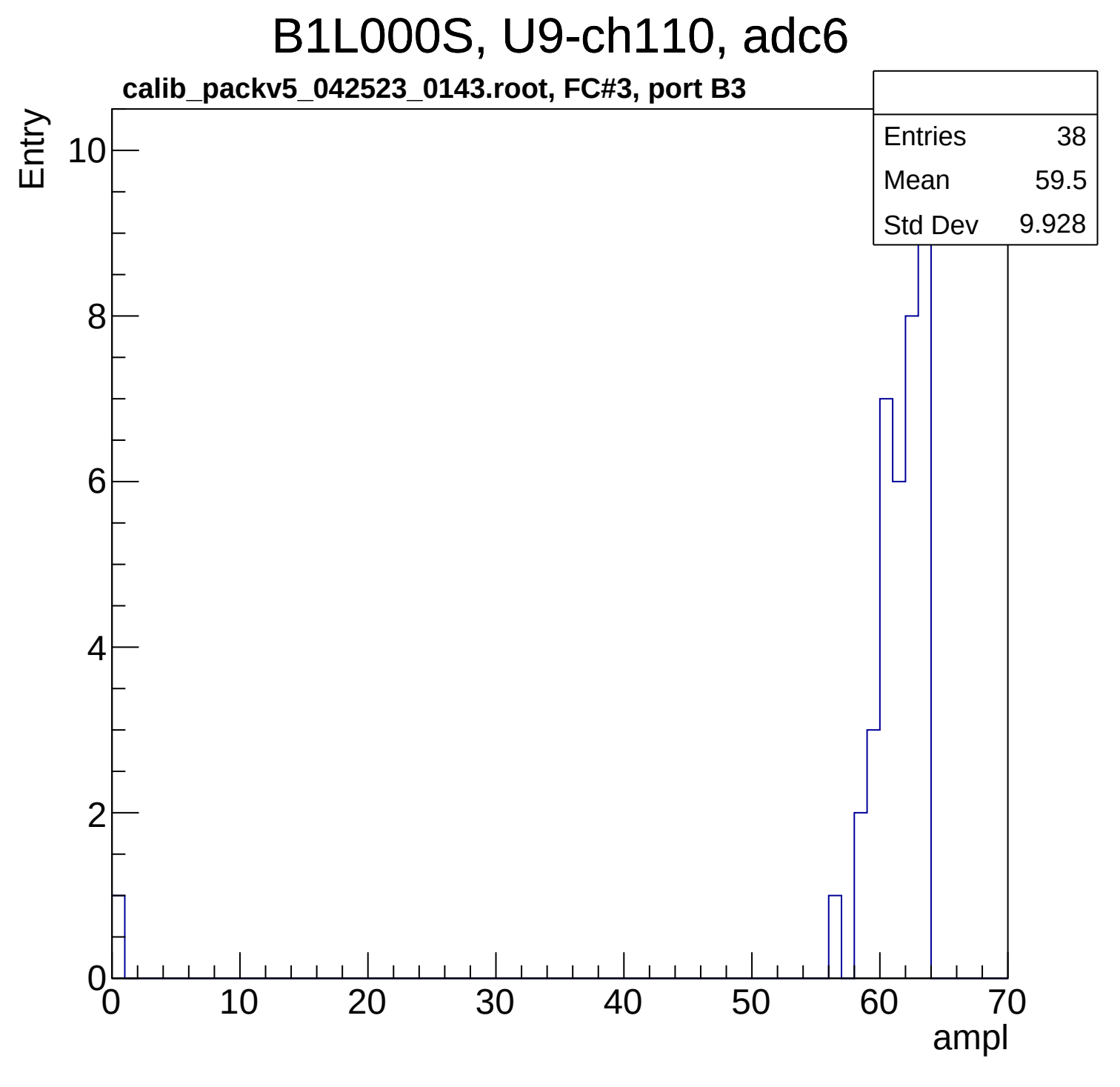
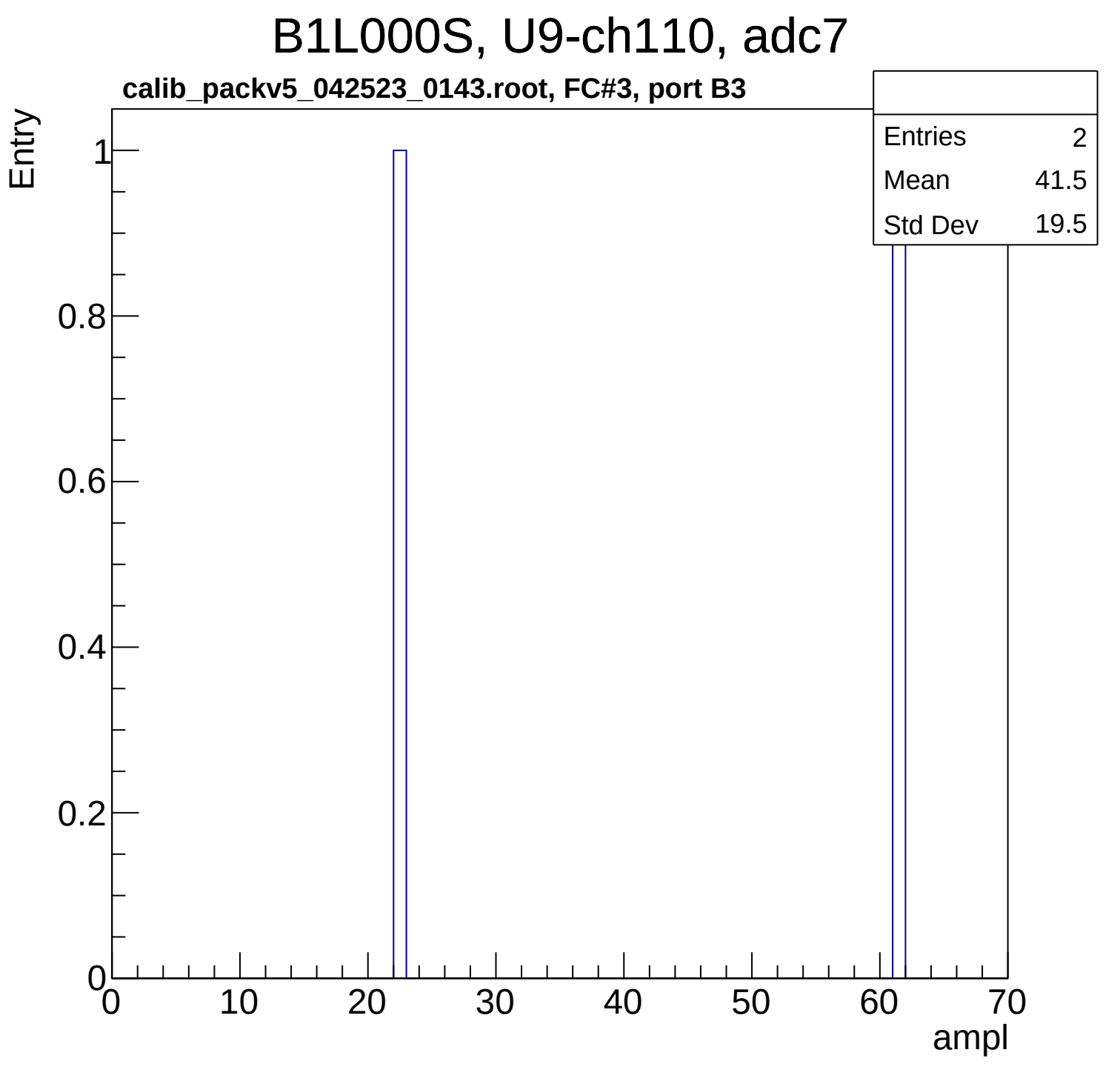

B1L000S, U9-ch110, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 59.5
Std Dev 9.928
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch110, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 19.5
Entry
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0.6
0.4
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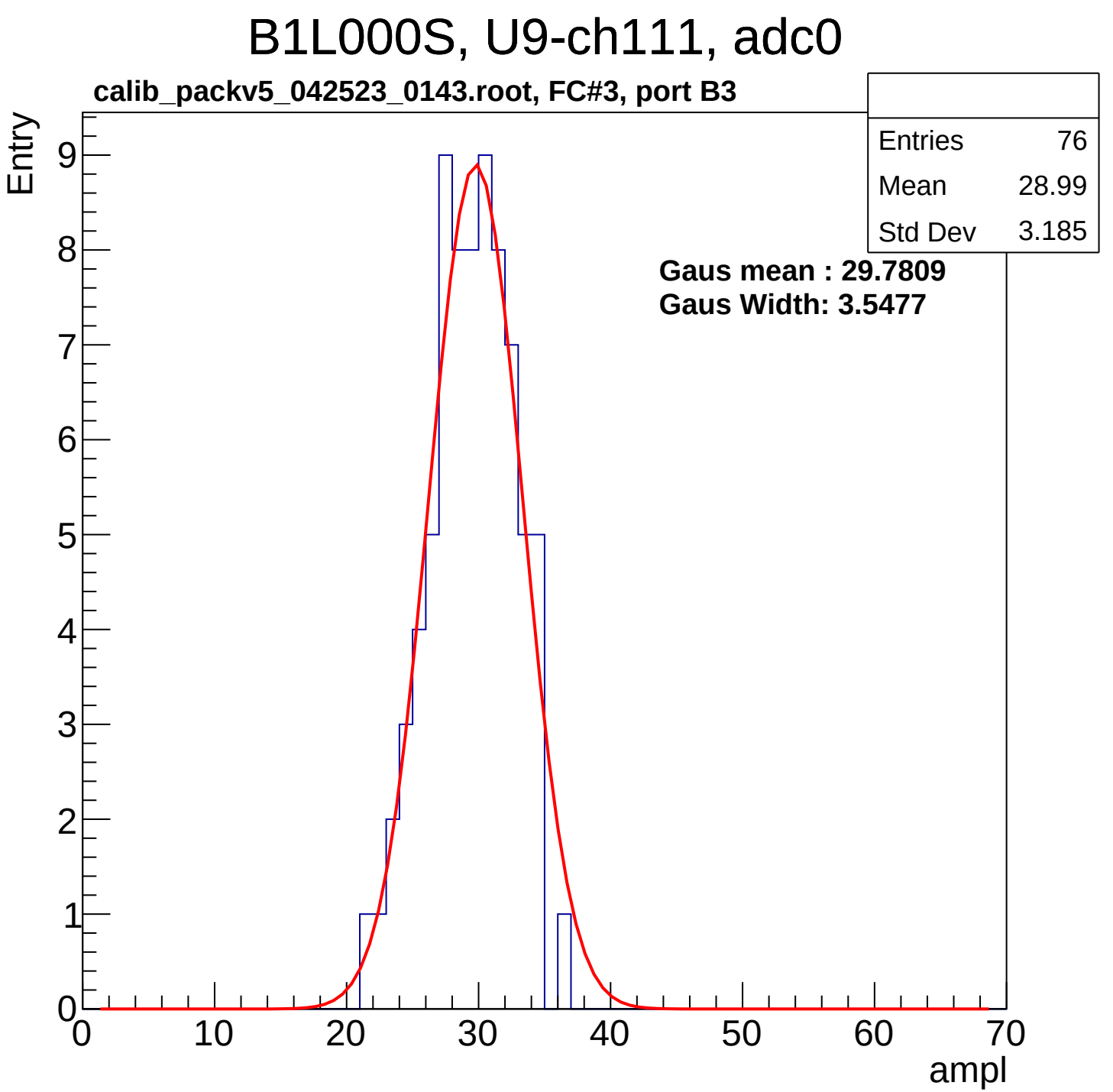
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch111, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 28.99
Std Dev 3.185
Gaus mean : 29.7809
Gaus Width: 3.5477
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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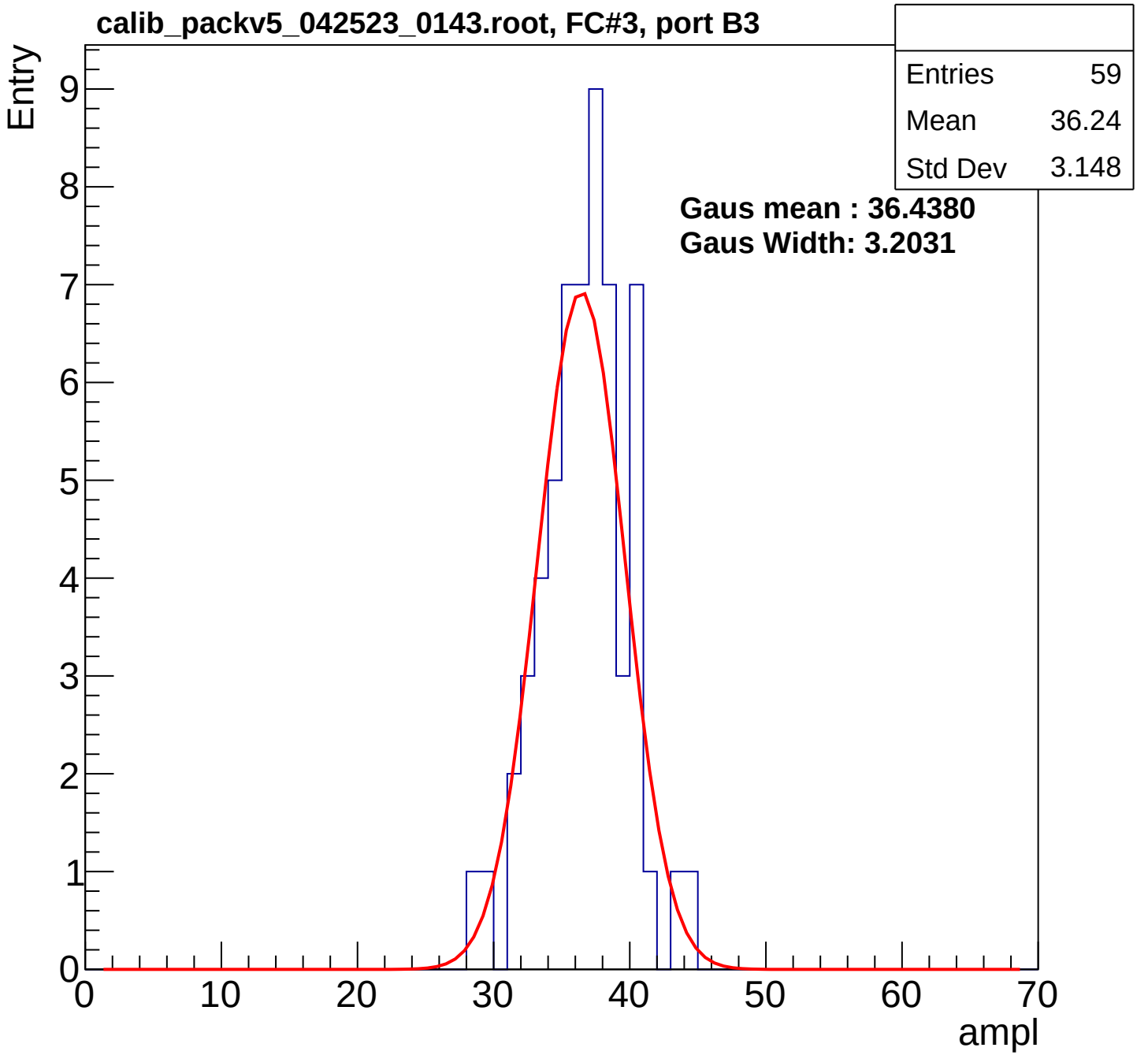
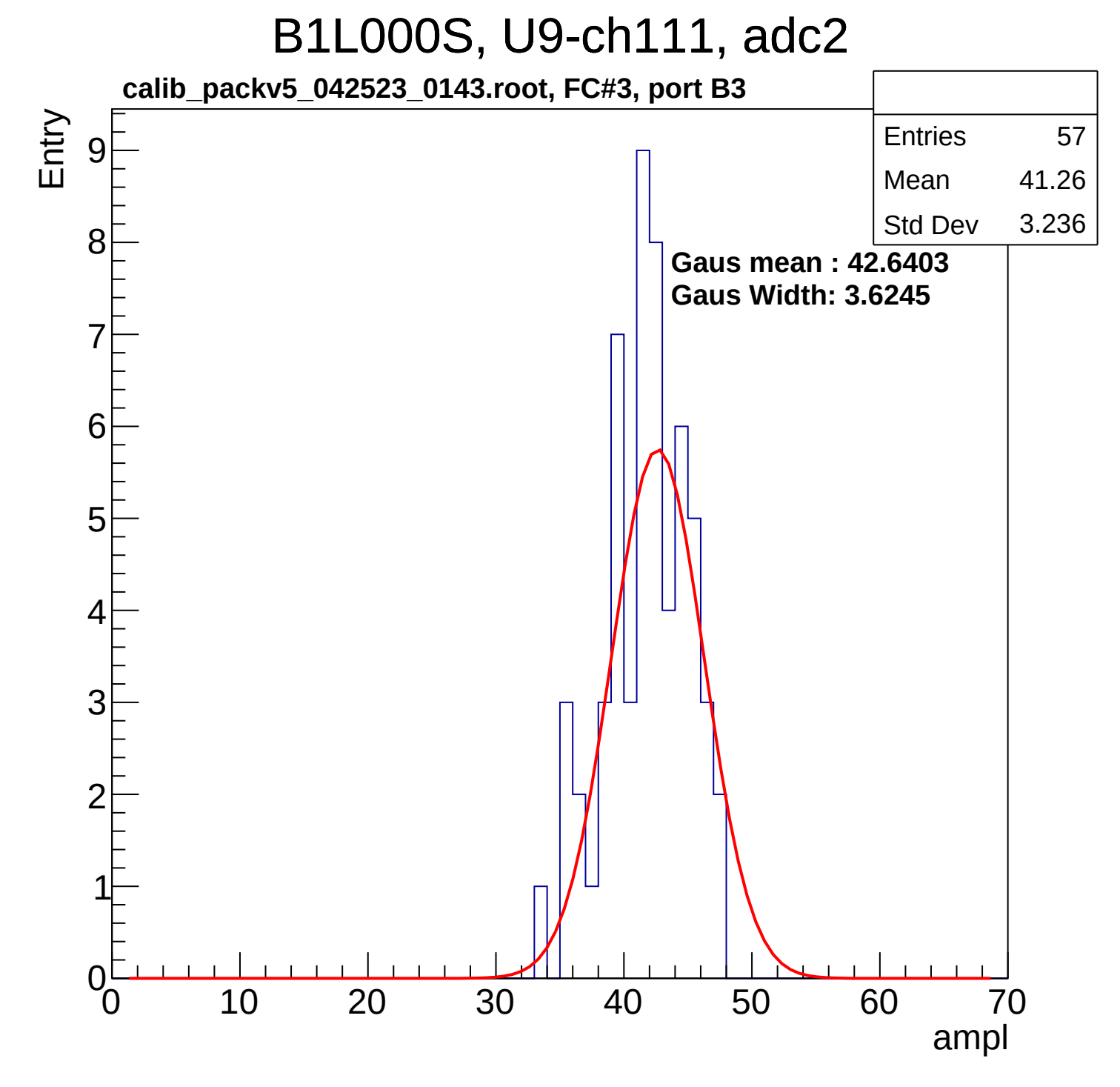

B1L000S, U9-ch111, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 36.24
Std Dev 3.148
Gaus mean : 36.4380
Gaus Width: 3.2031
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch111, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.26
Std Dev 3.236
Gaus mean : 42.6403
Gaus Width: 3.6245
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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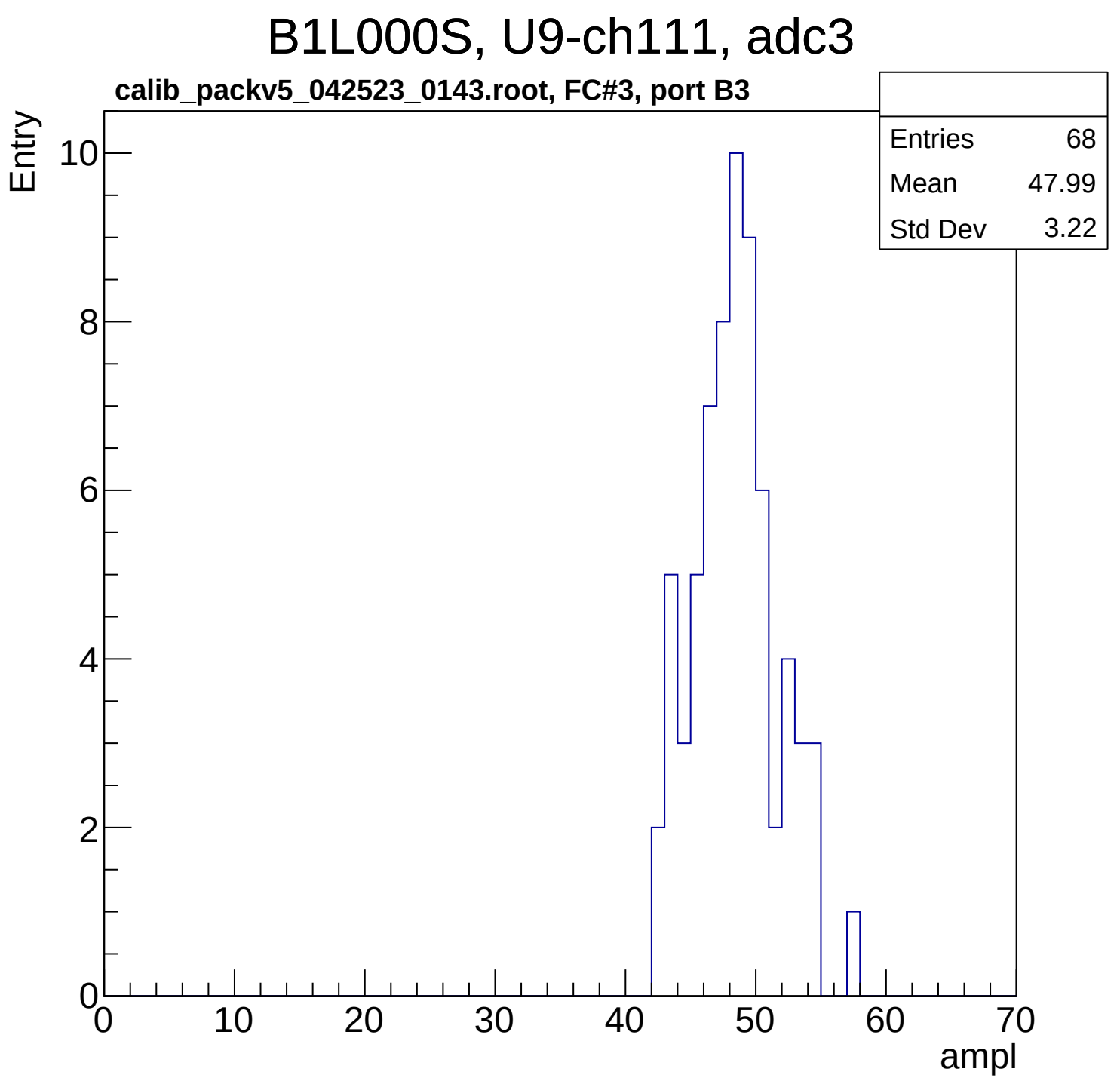
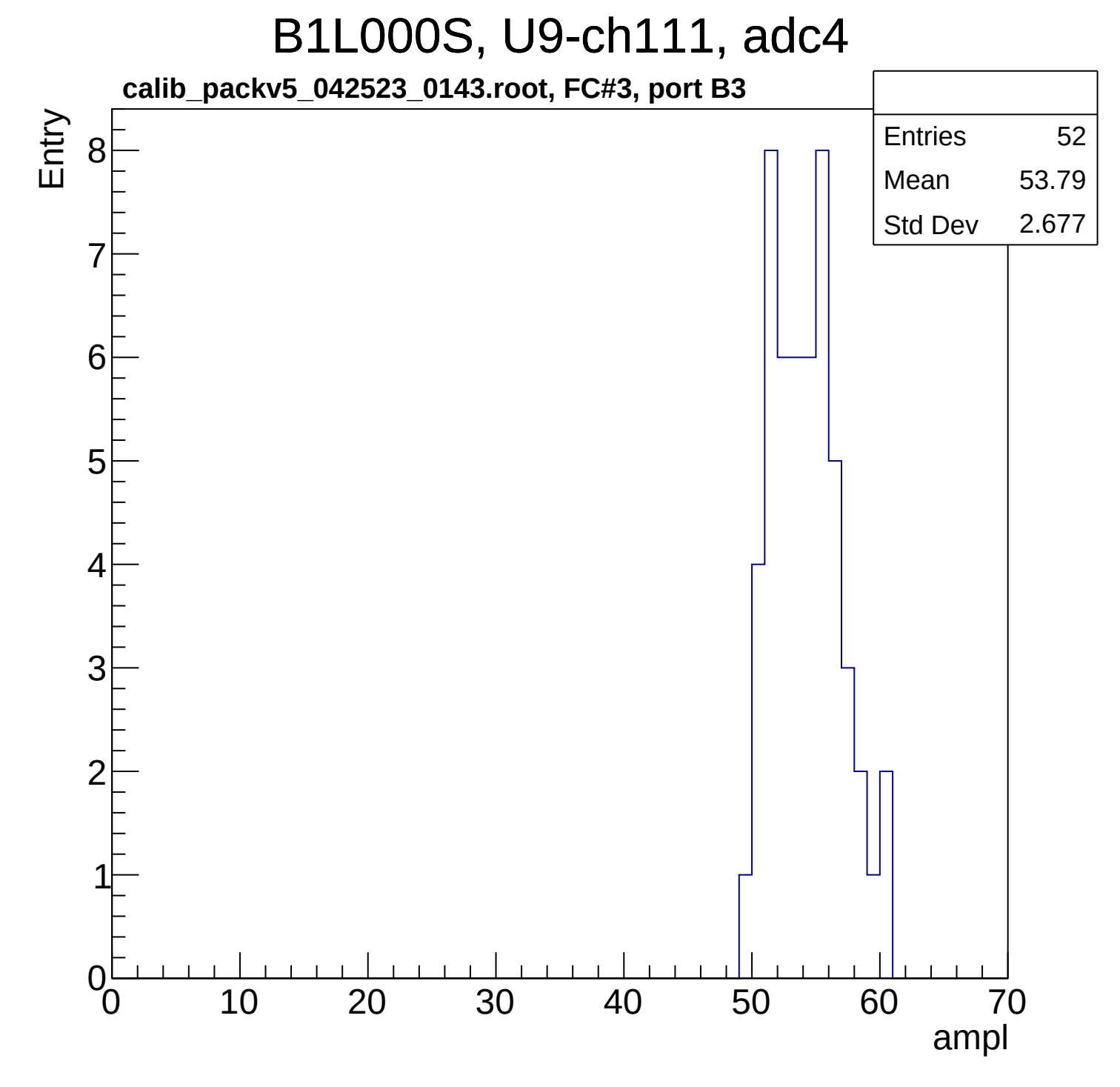
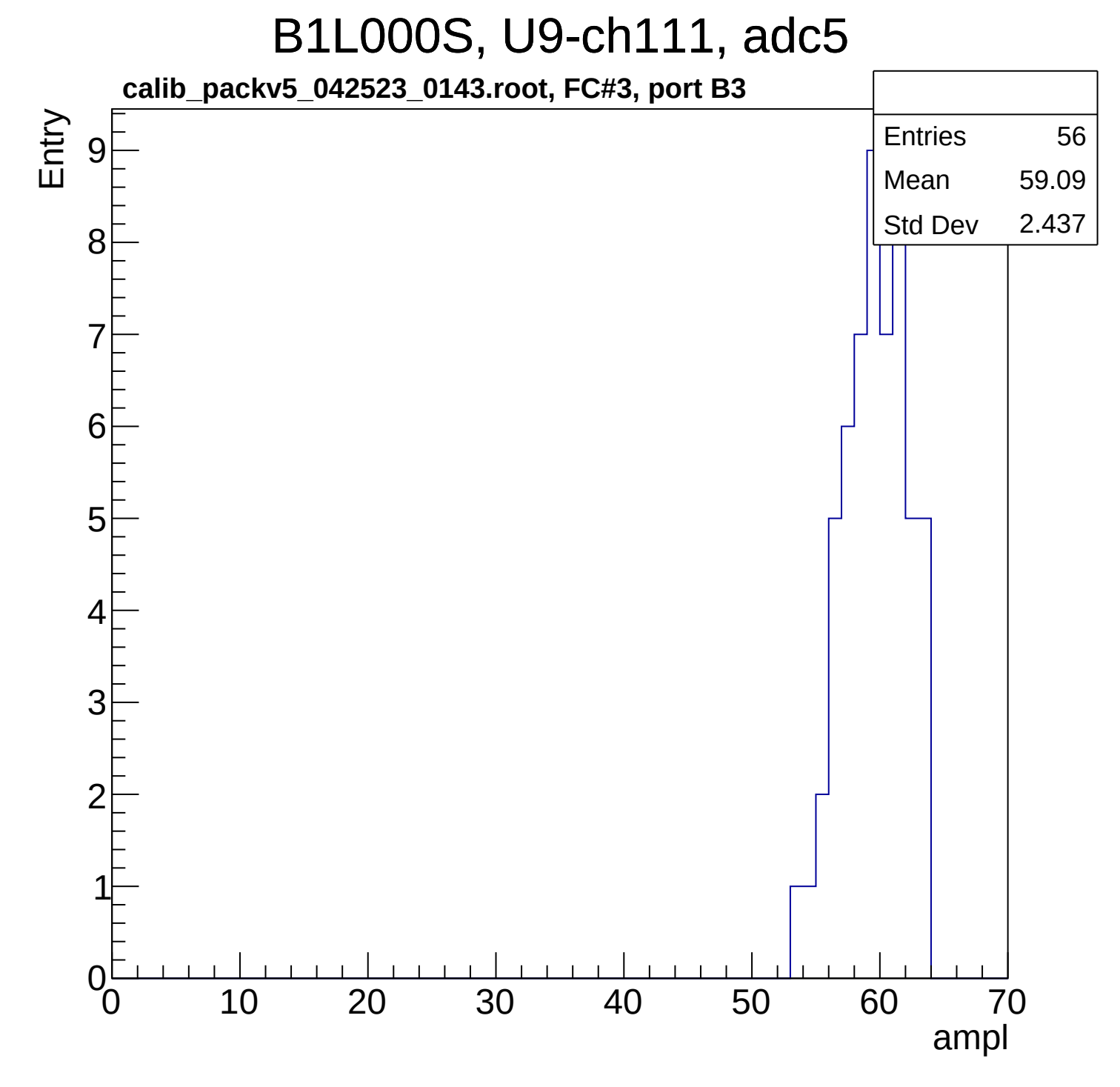

B1L000S, U9-ch111, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 47.99
Std Dev 3.22
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch111, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 53.79
Std Dev 2.677
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch111, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.09
Std Dev 2.437
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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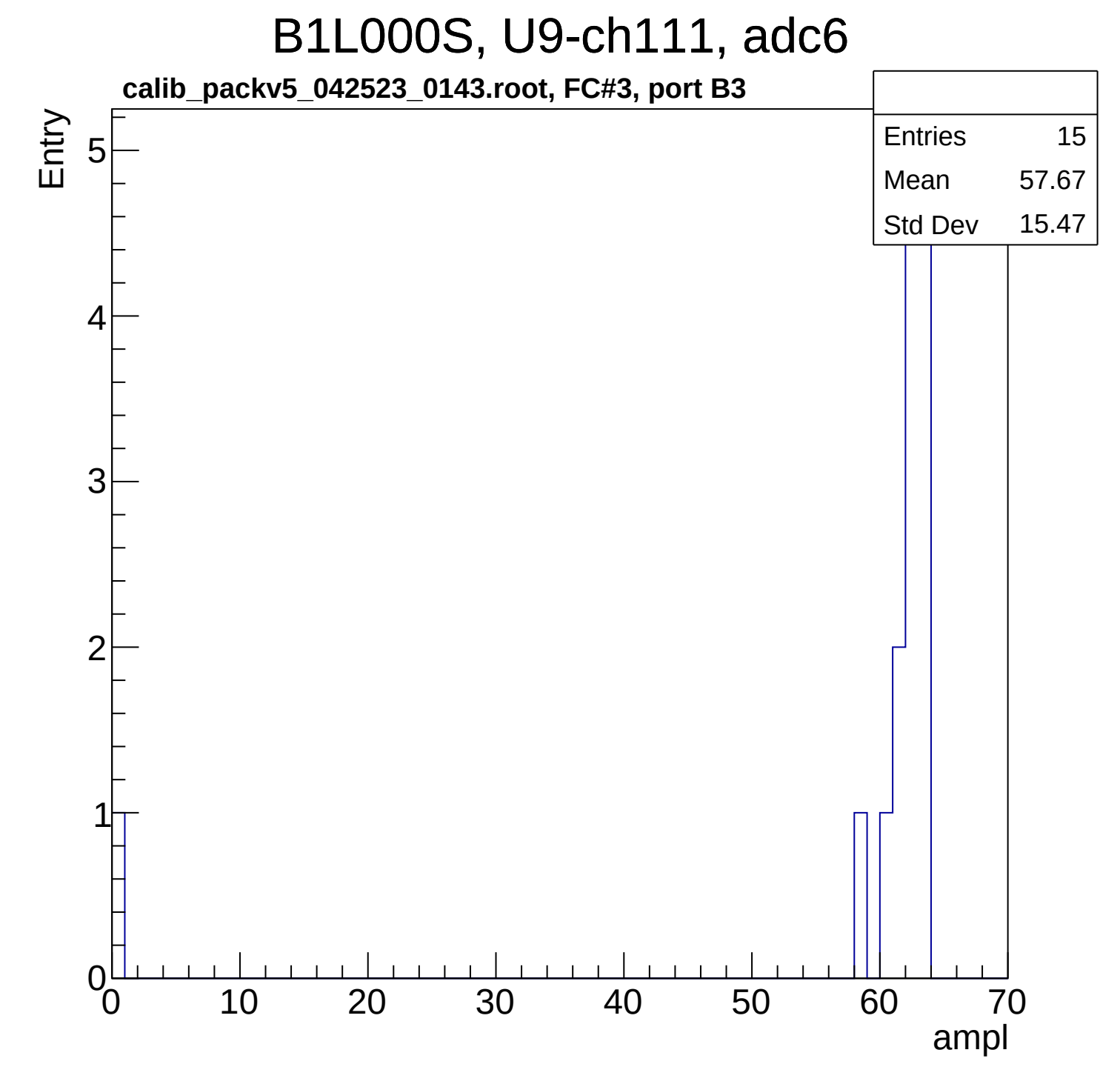
B1L000S, U9-ch111, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.67
Std Dev 15.47
Entry
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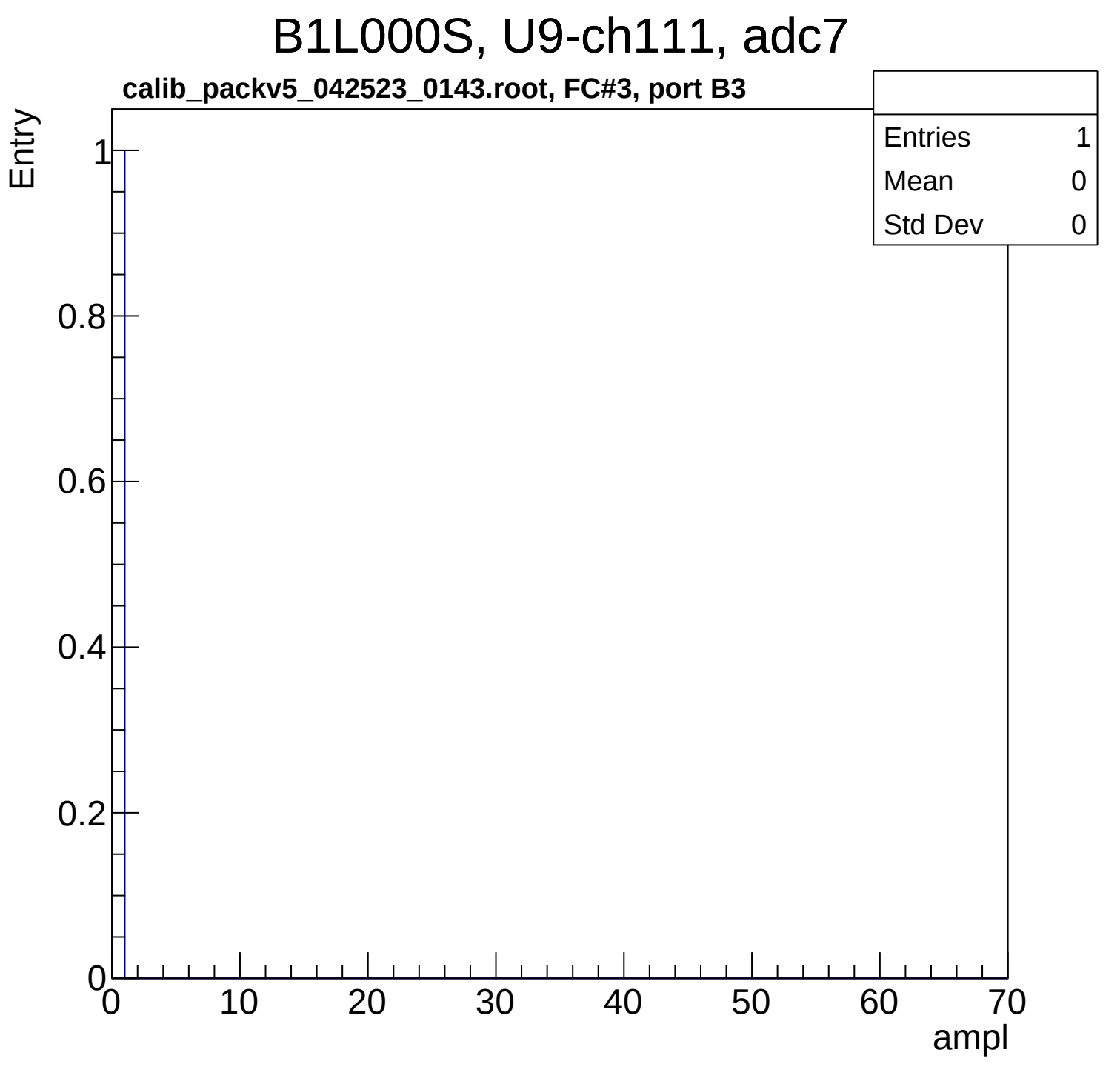
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch111, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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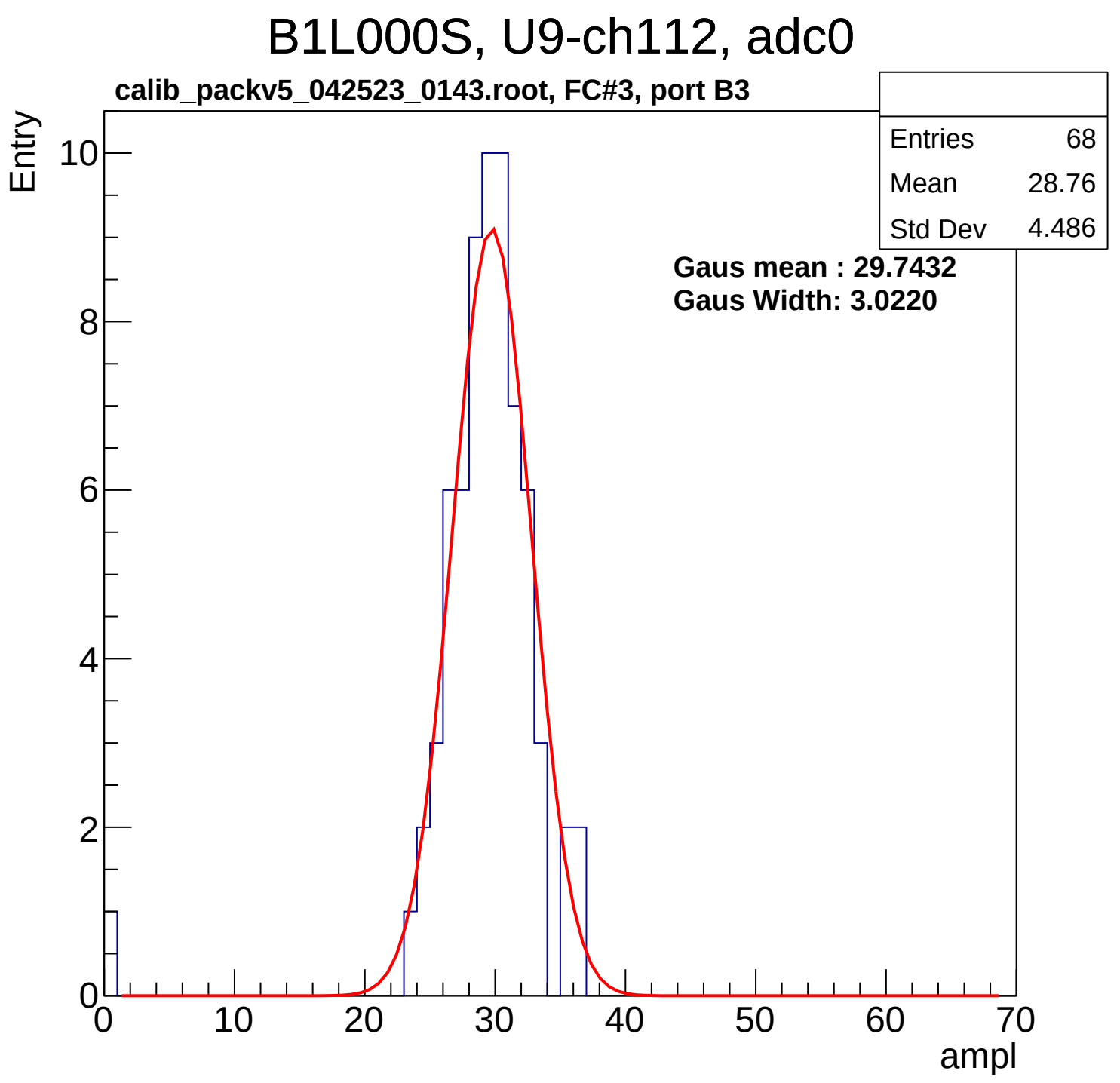
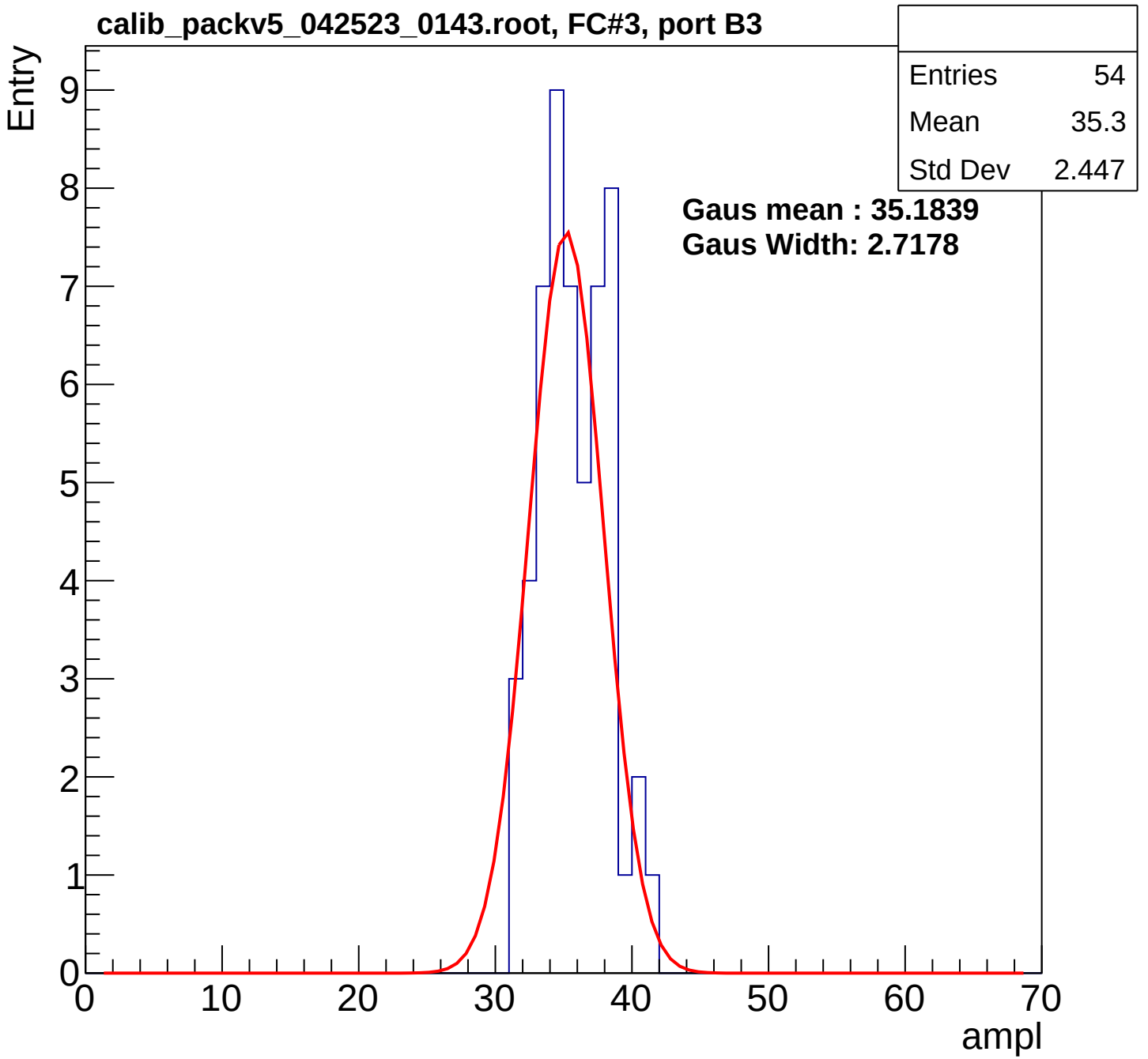
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch112, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.76
Std Dev 4.486
Gaus mean : 29.7432
Gaus Width: 3.0220
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch112, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 35.3
Std Dev 2.447
Gaus mean : 35.1839
Gaus Width: 2.7178
Entry
ampl
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3
4
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6
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8
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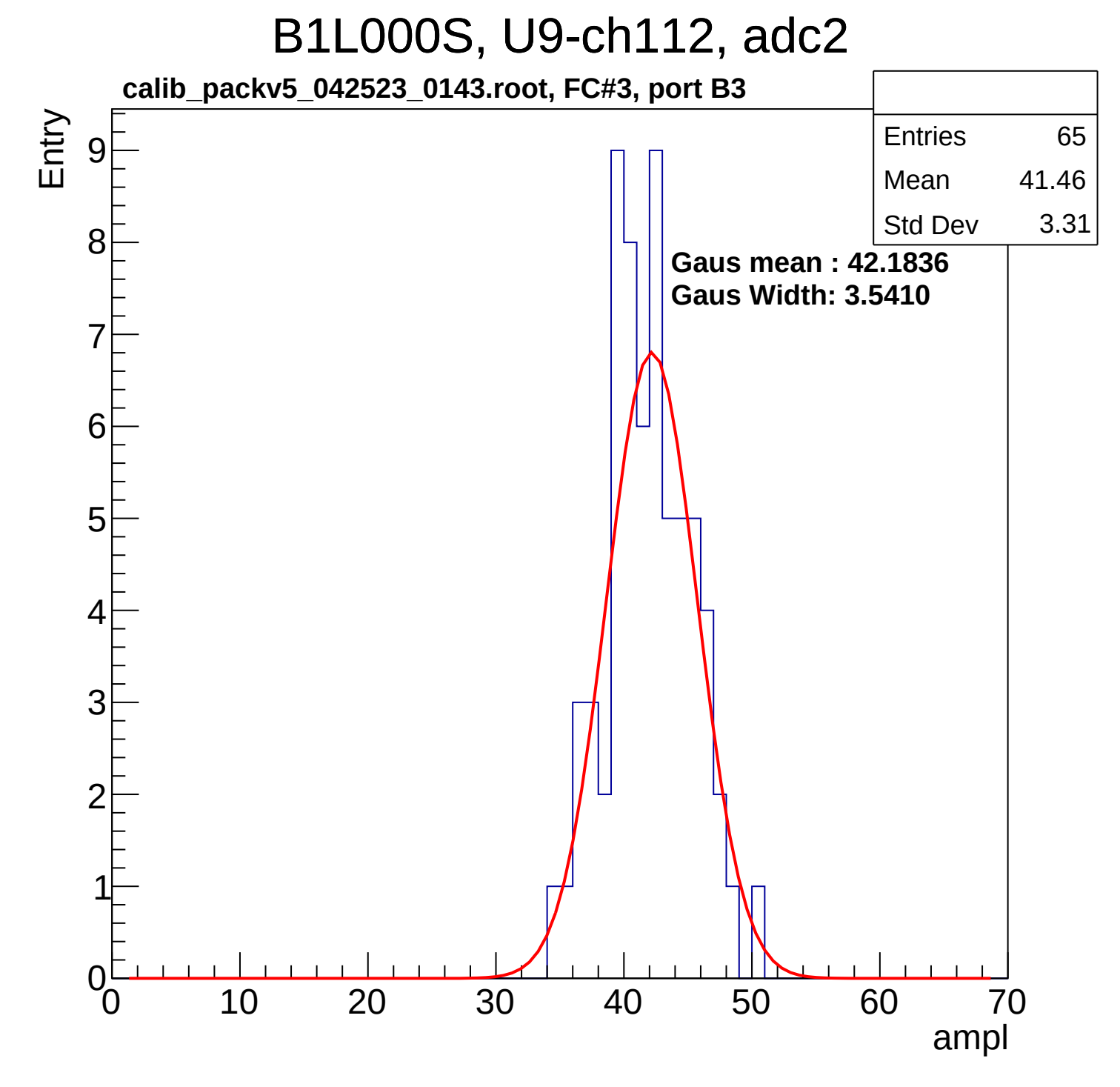
B1L000S, U9-ch112, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.46
Std Dev 3.31
Gaus mean : 42.1836
Gaus Width: 3.5410
Entry
ampl
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3
4
5
6
7
8
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0
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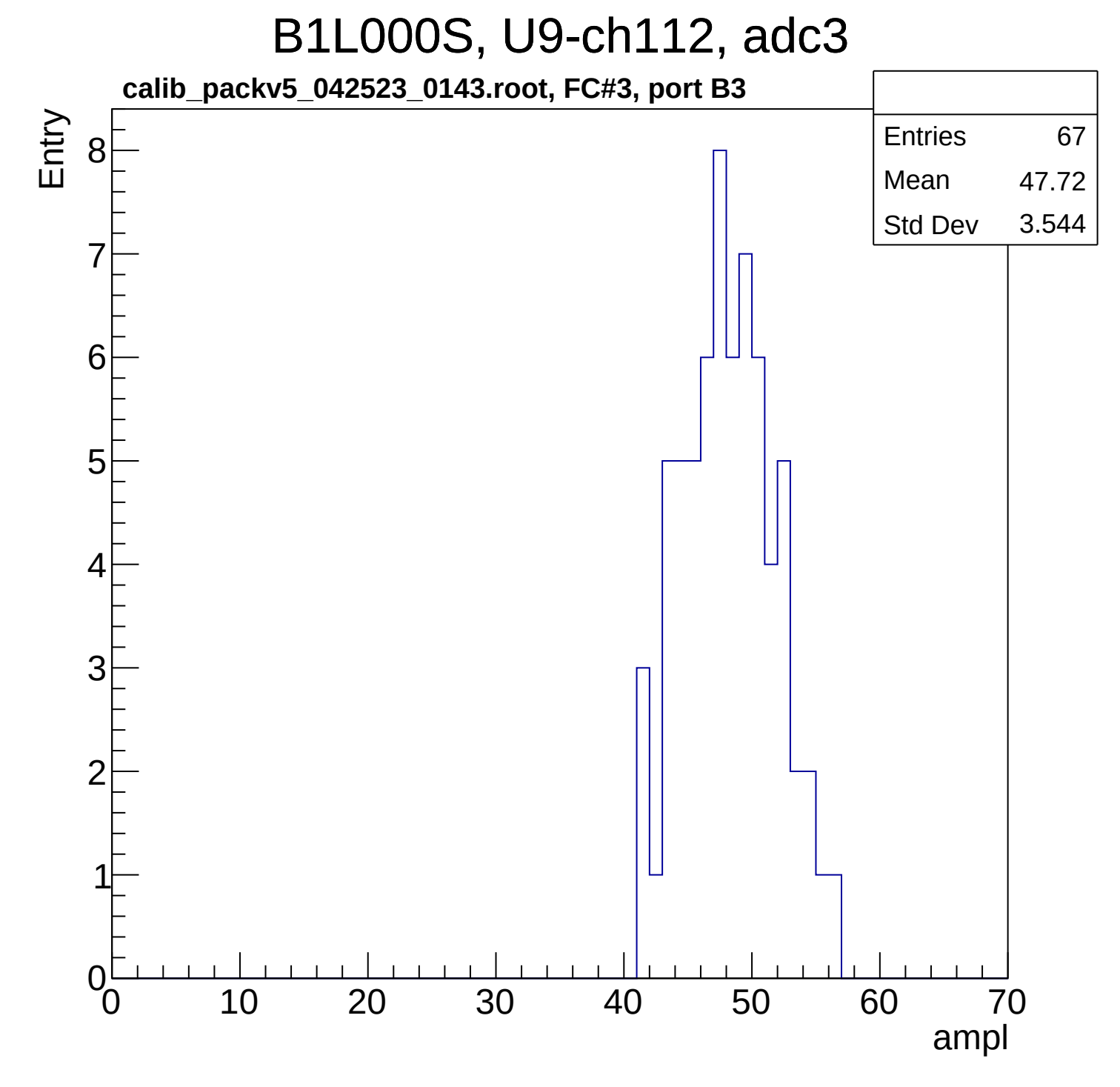
B1L000S, U9-ch112, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.72
Std Dev 3.544
Entry
ampl
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2
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4
5
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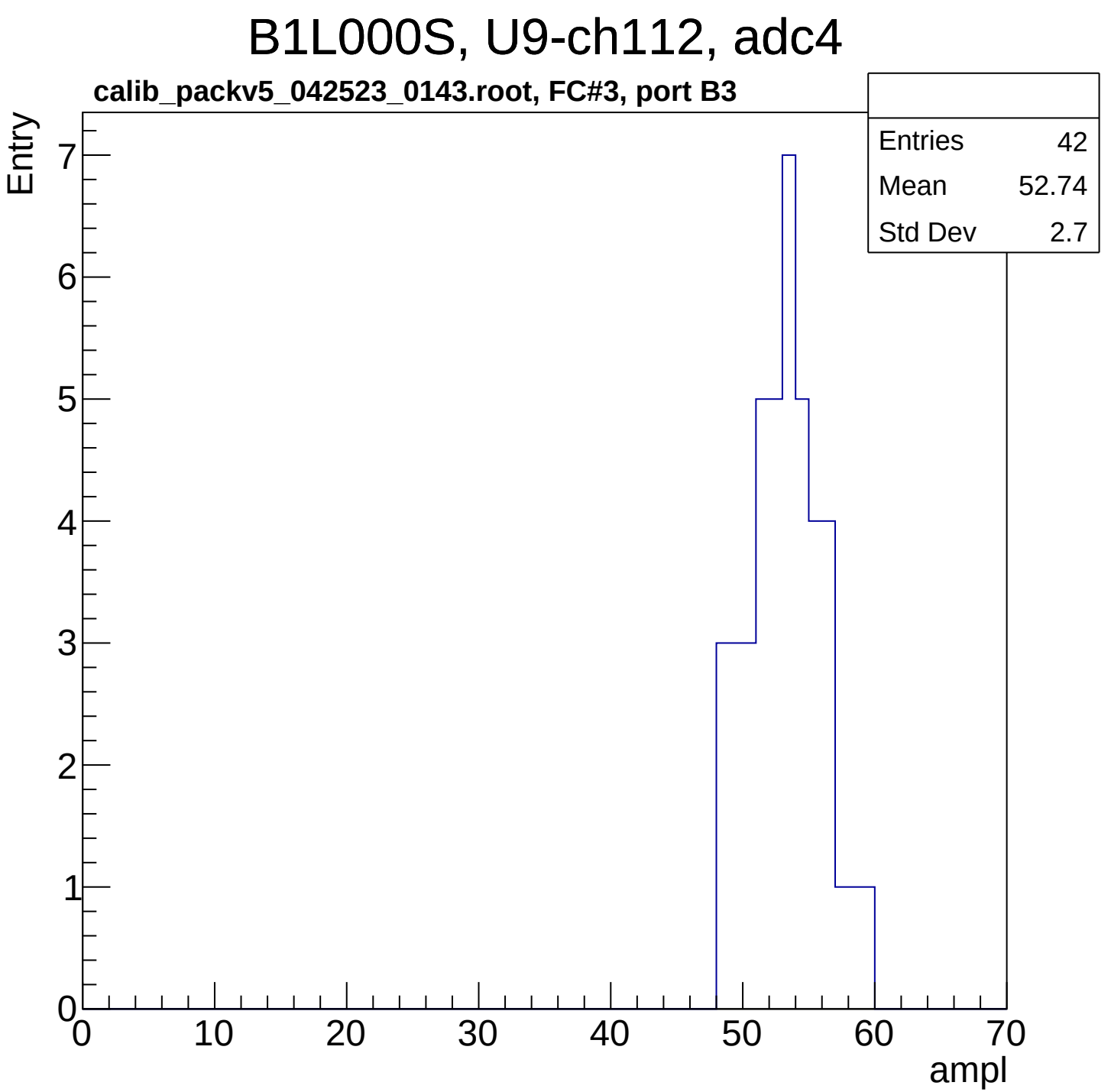
B1L000S, U9-ch112, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 52.74
Std Dev 2.7
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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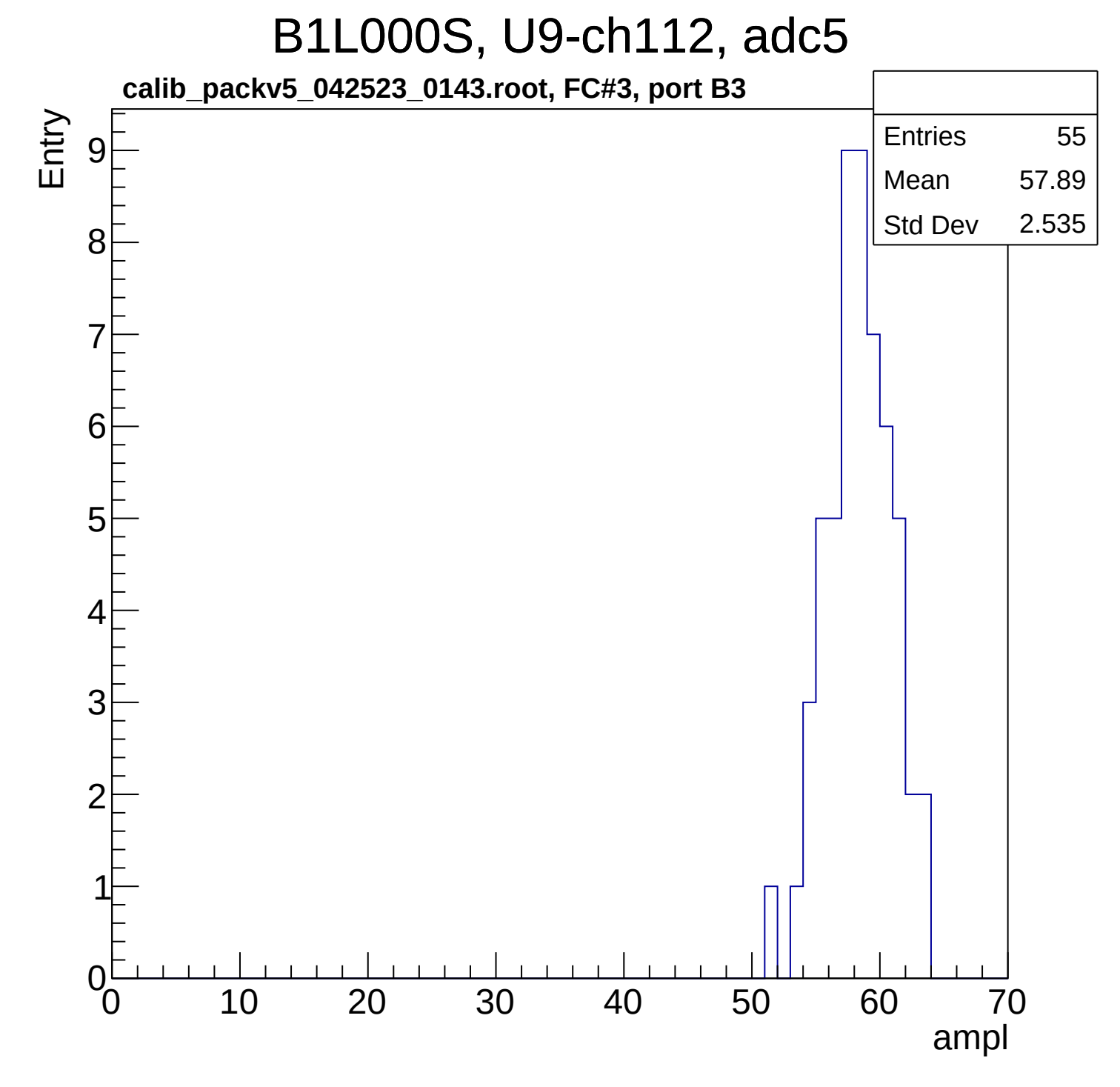
B1L000S, U9-ch112, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 57.89
Std Dev 2.535
Entry
ampl
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3
4
5
6
7
8
9
0
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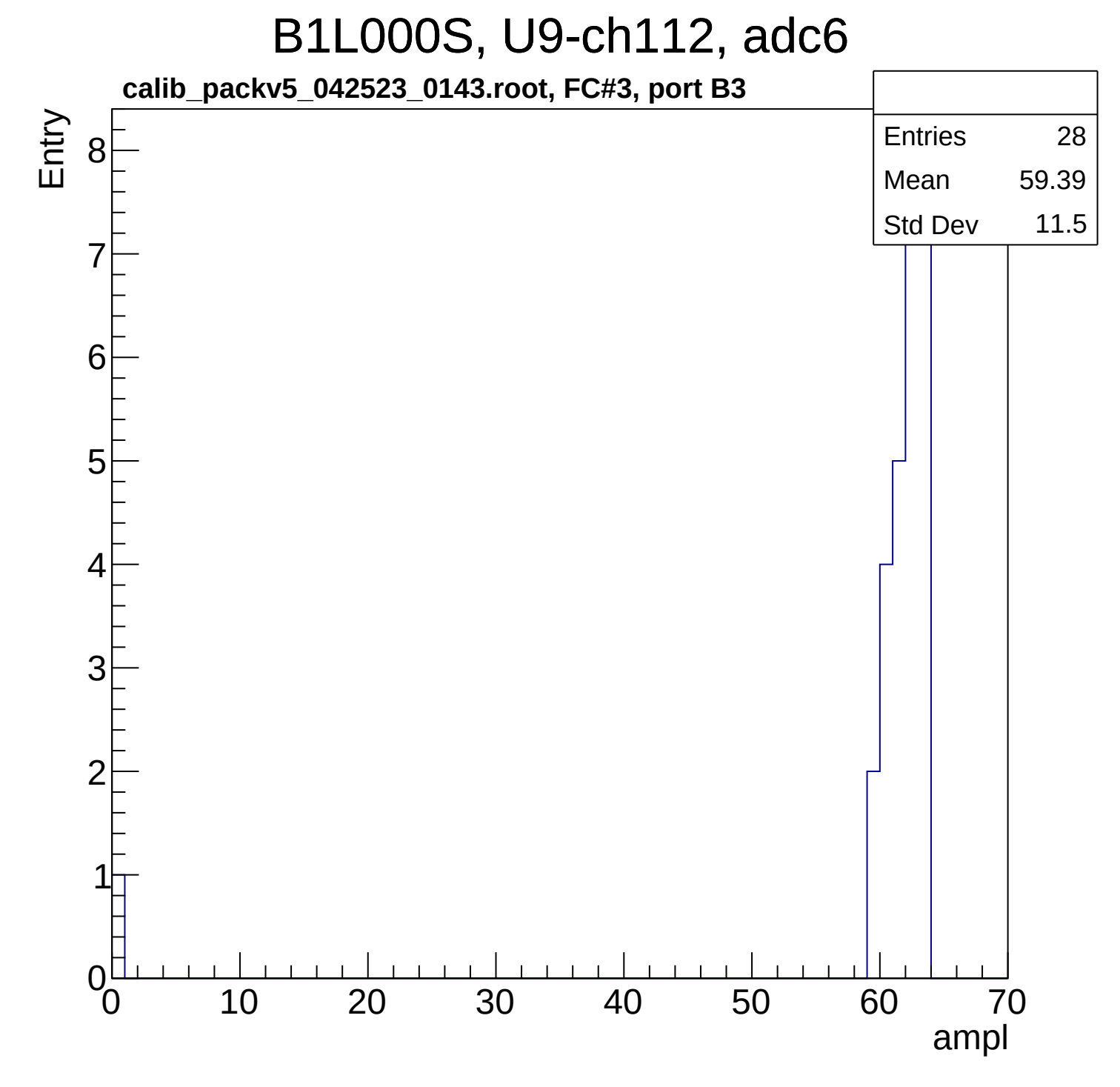
B1L000S, U9-ch112, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 28
Mean 59.39
Std Dev 11.5
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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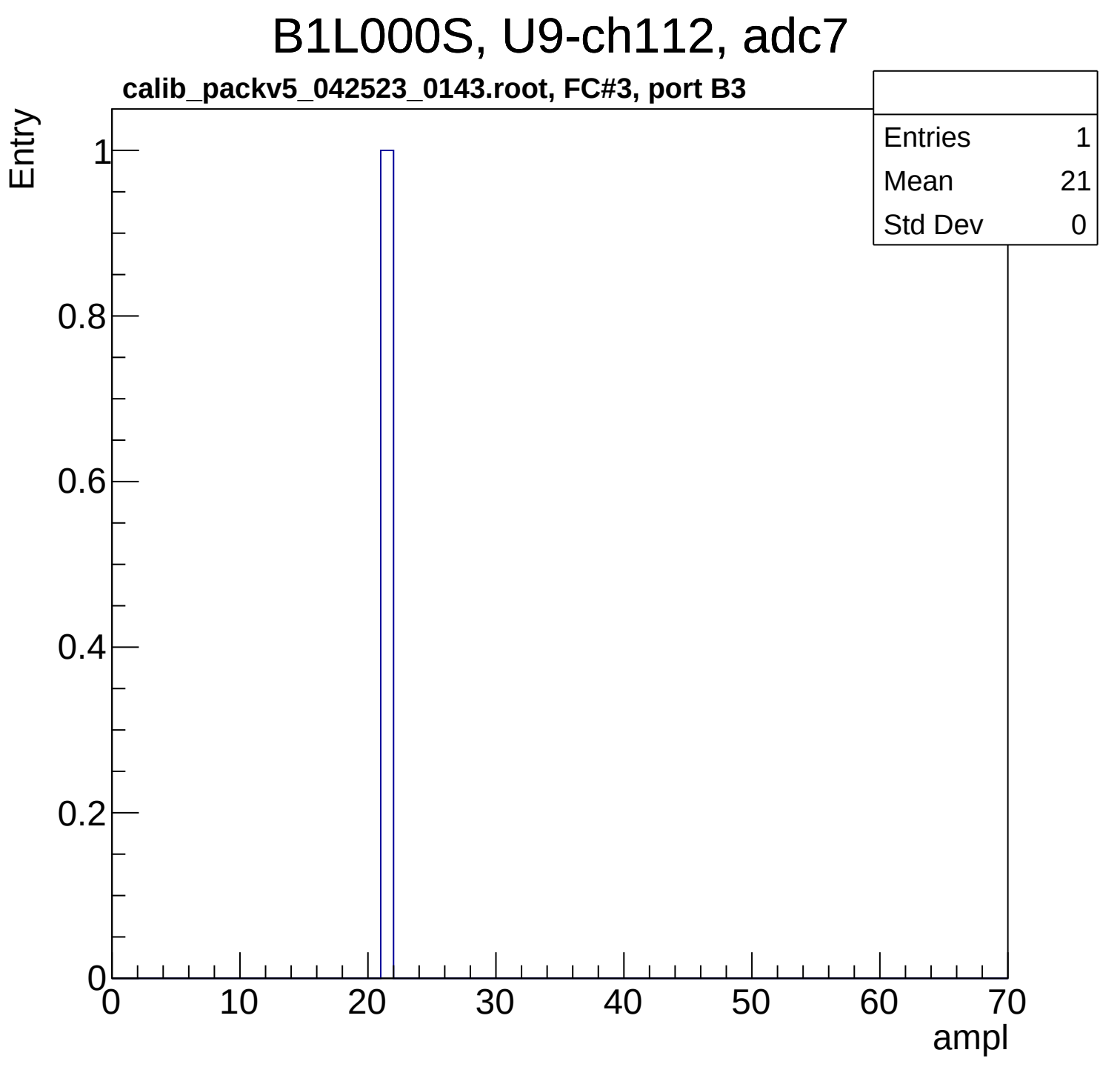
B1L000S, U9-ch112, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
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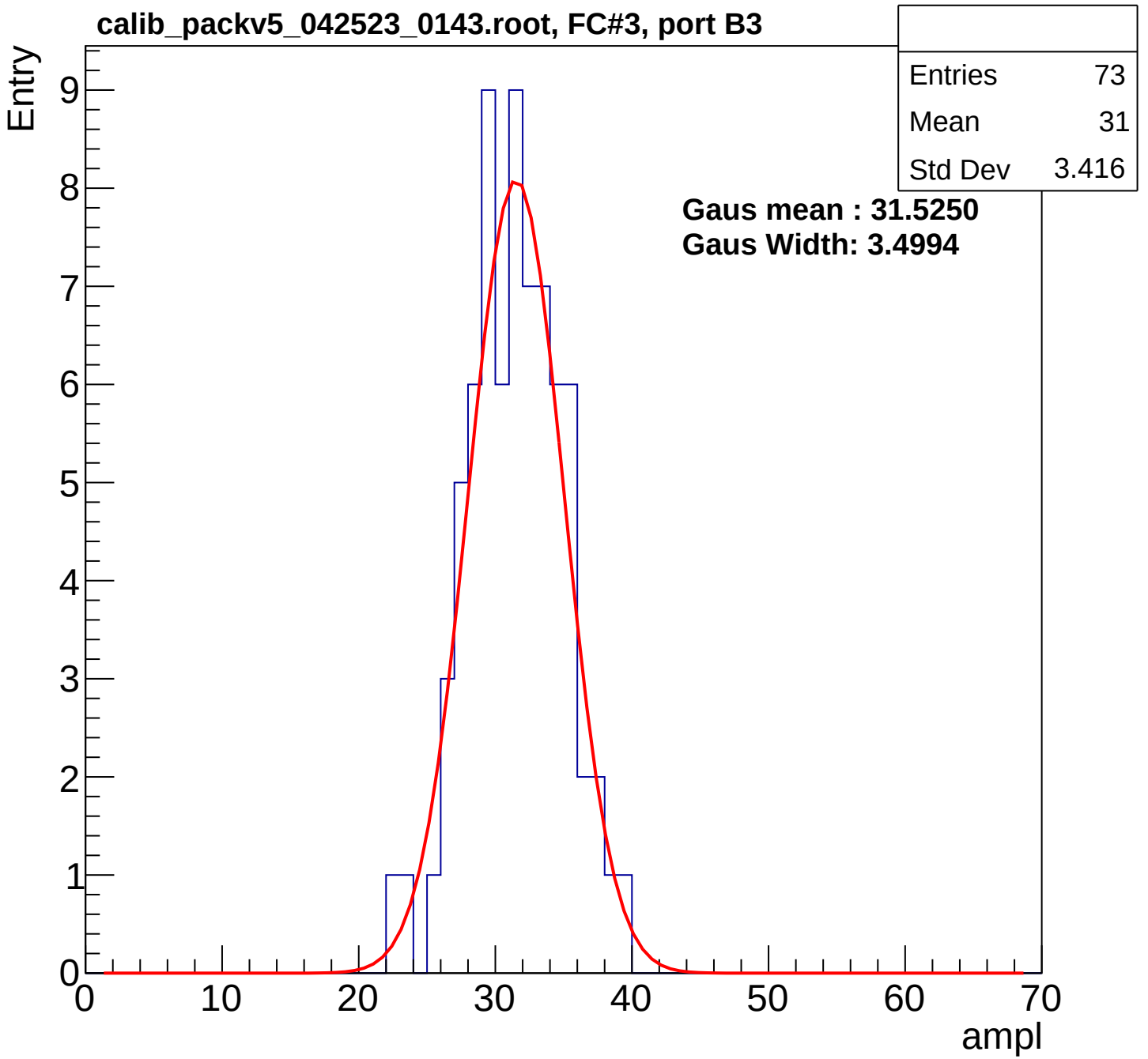
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch113, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 31
Std Dev 3.416
Gaus mean : 31.5250
Gaus Width: 3.4994
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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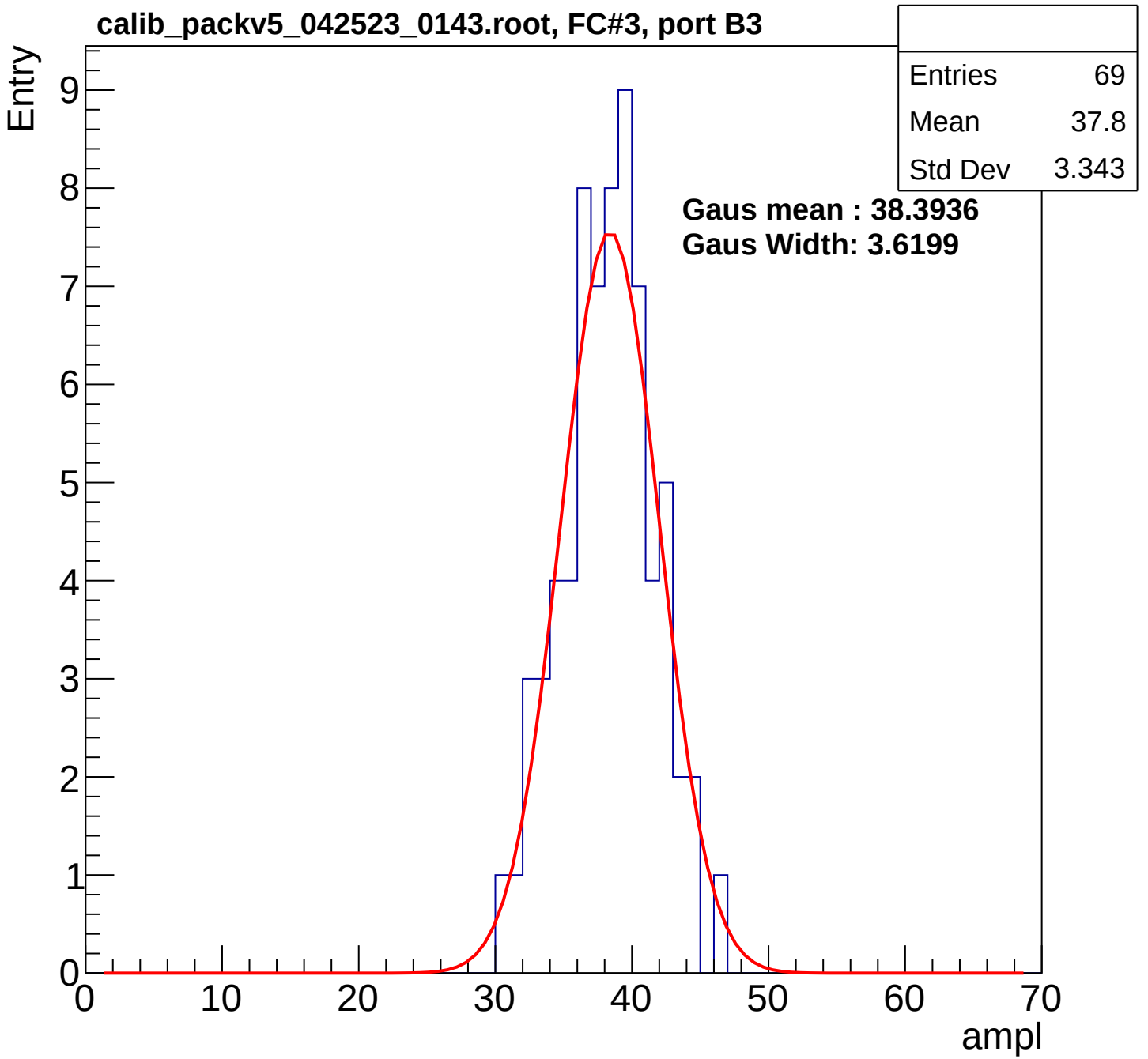
B1L000S, U9-ch113, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 37.8
Std Dev 3.343
Gaus mean : 38.3936
Gaus Width: 3.6199
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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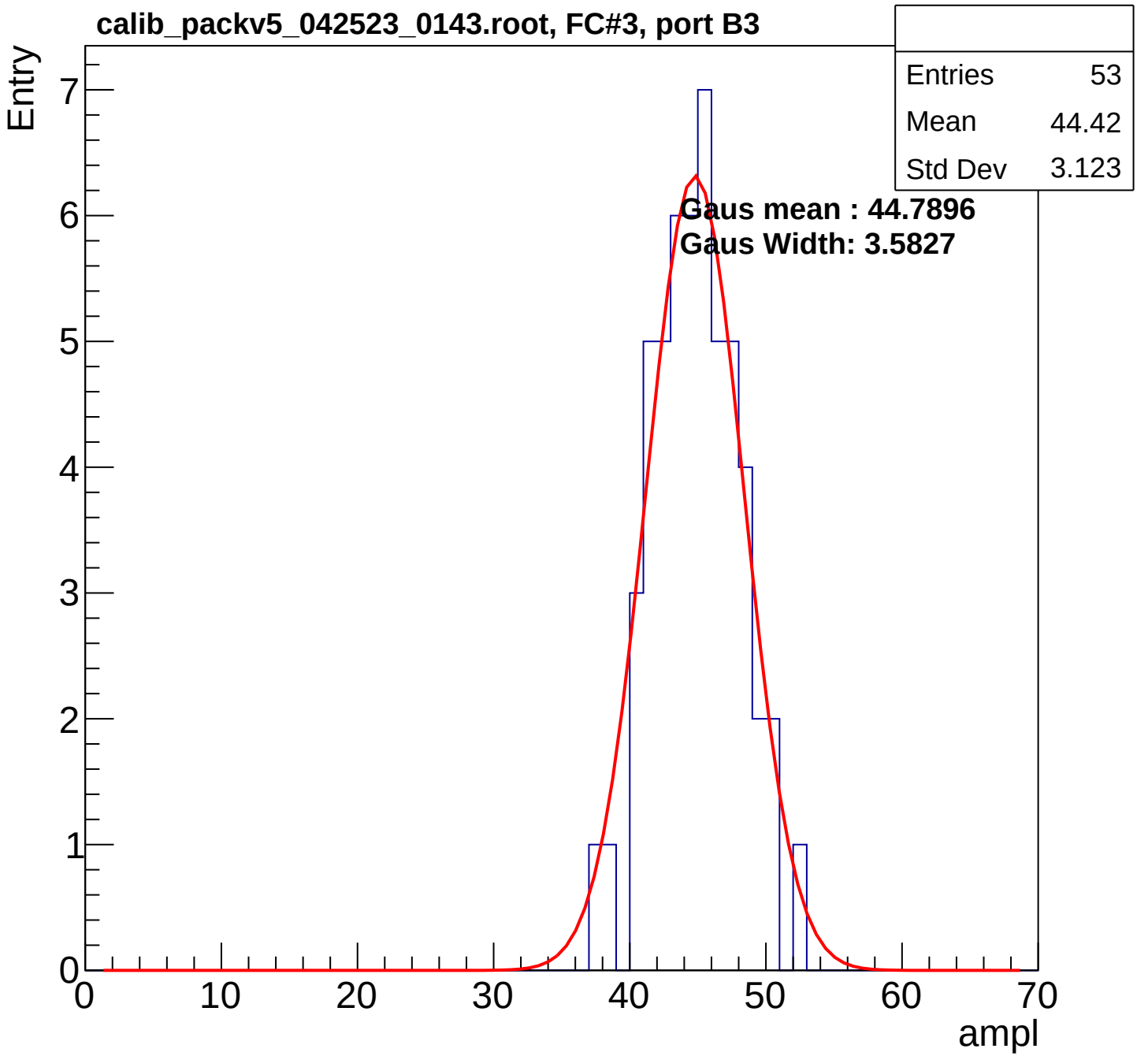
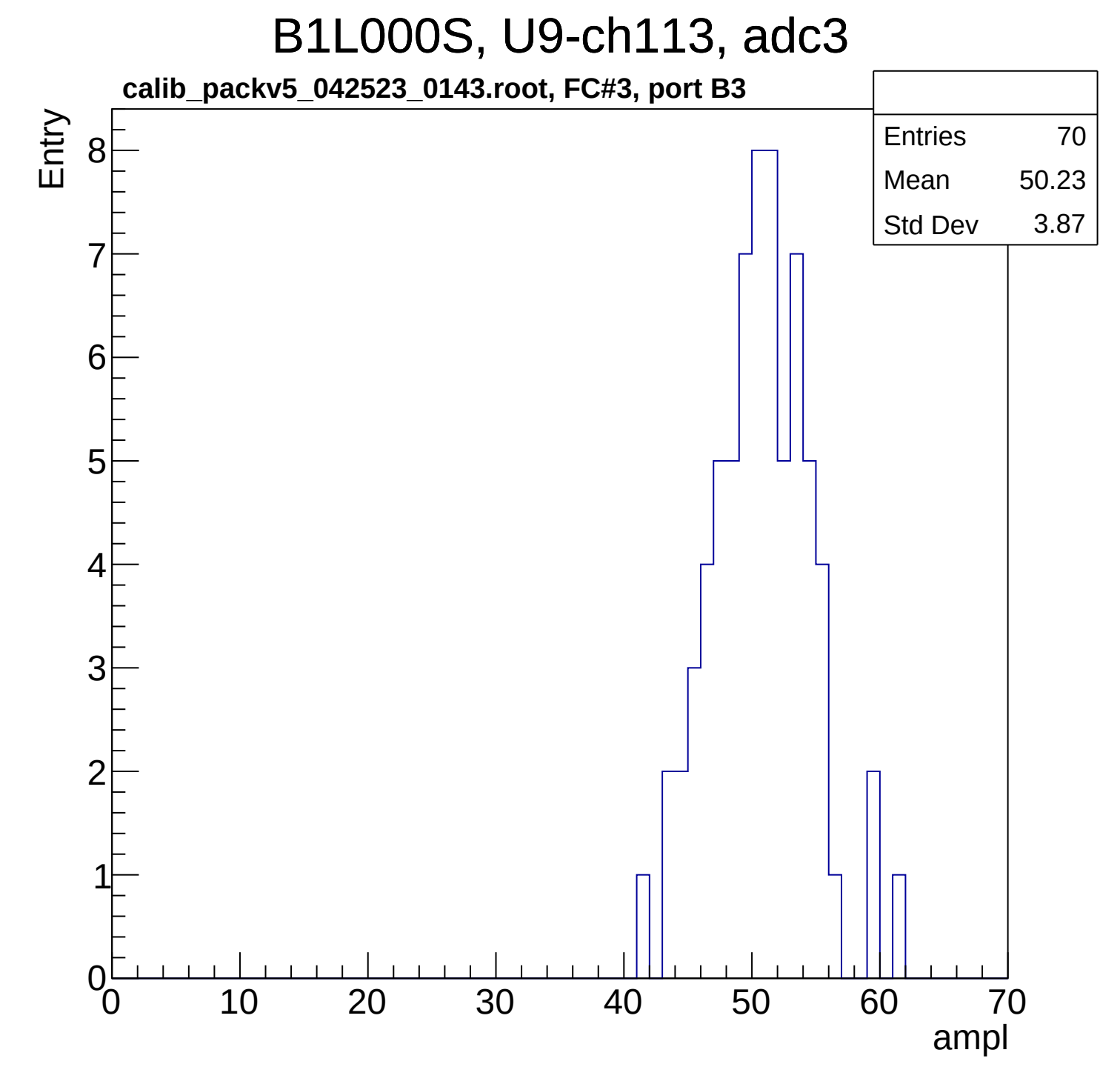

B1L000S, U9-ch113, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 44.42
Std Dev 3.123
Gaus mean : 44.7896
Gaus Width: 3.5827
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch113, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 50.23
Std Dev 3.87
Entry
ampl
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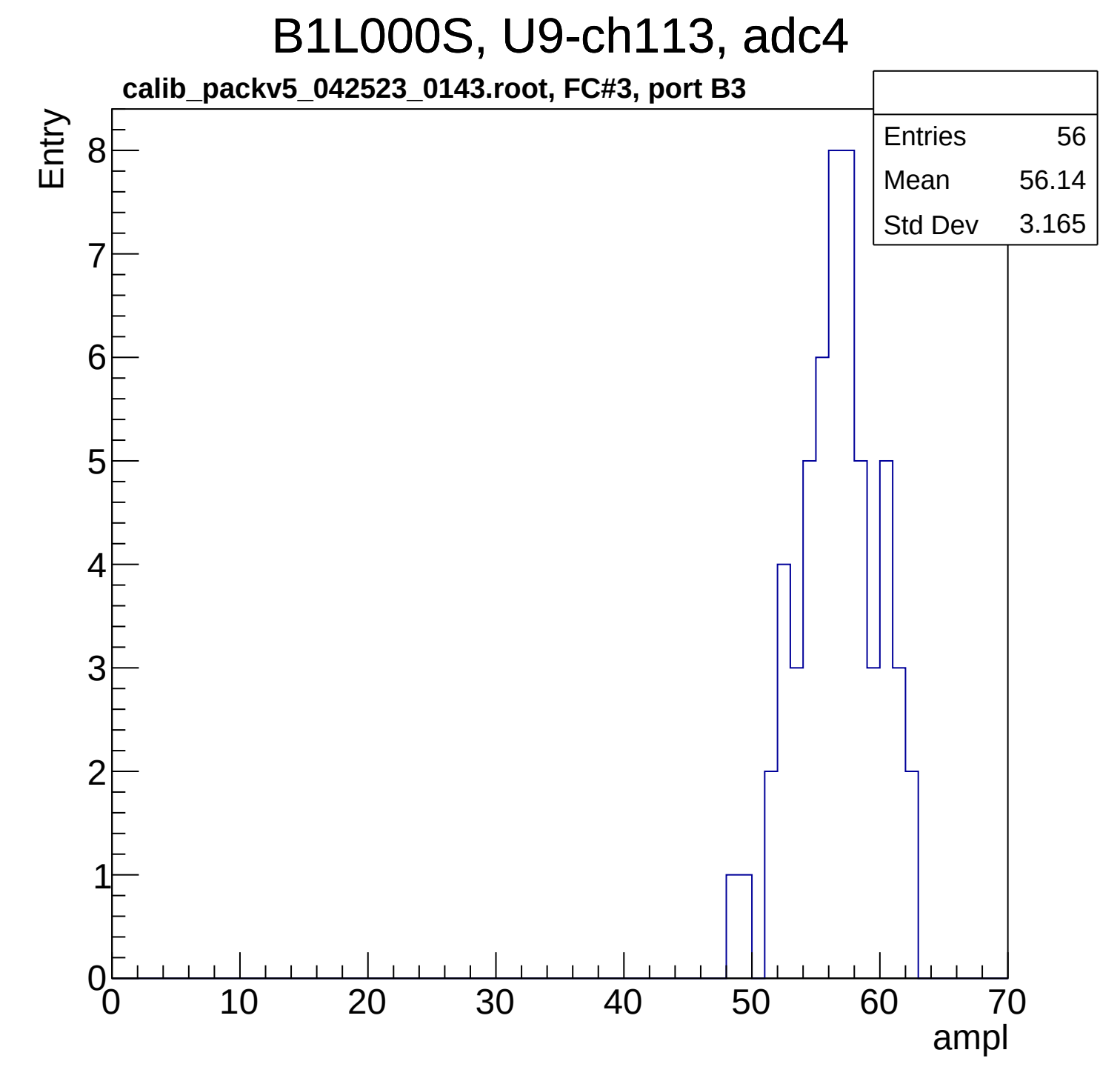
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch113, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 56.14
Std Dev 3.165
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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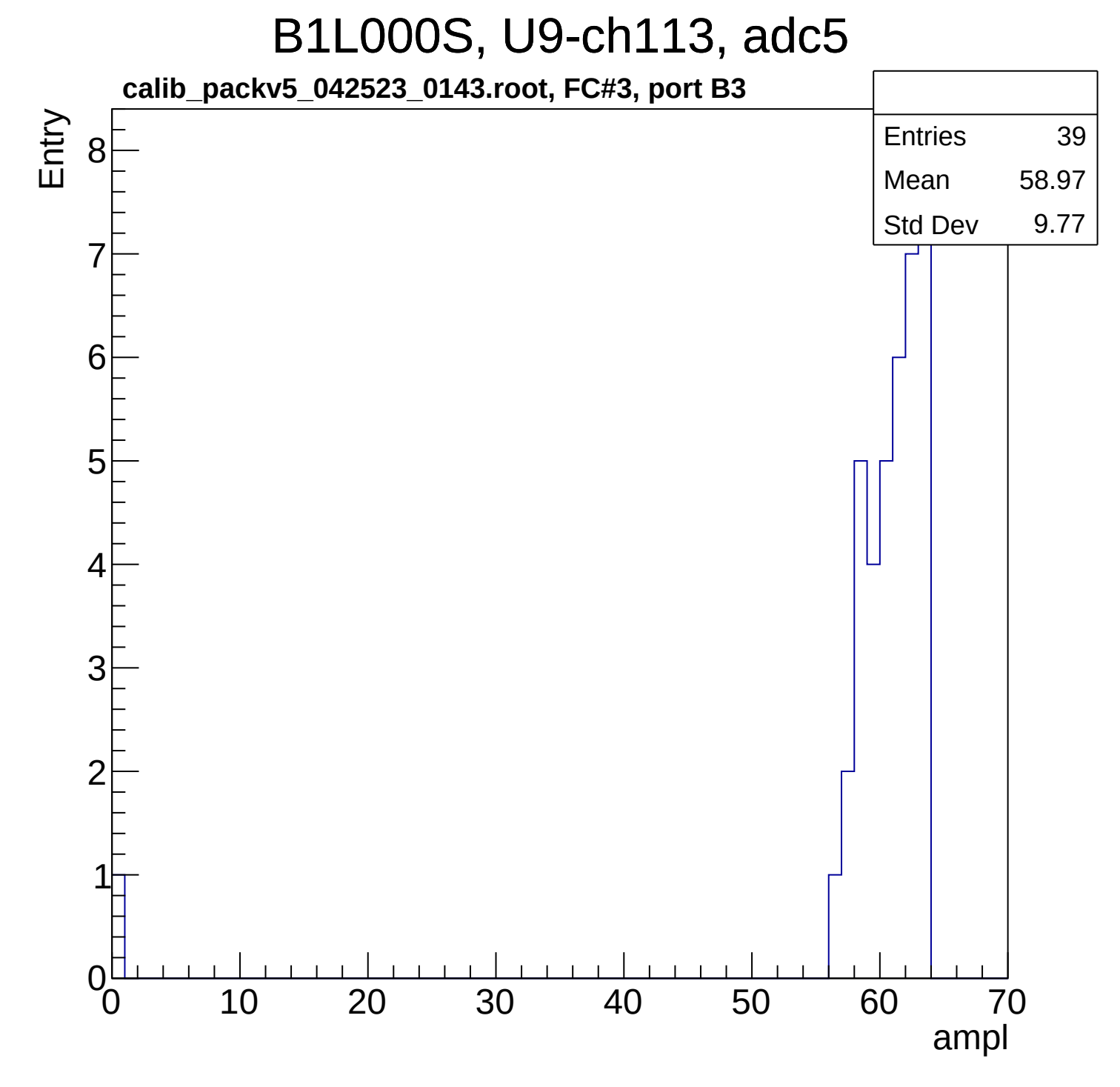
B1L000S, U9-ch113, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 58.97
Std Dev 9.77
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
50
60
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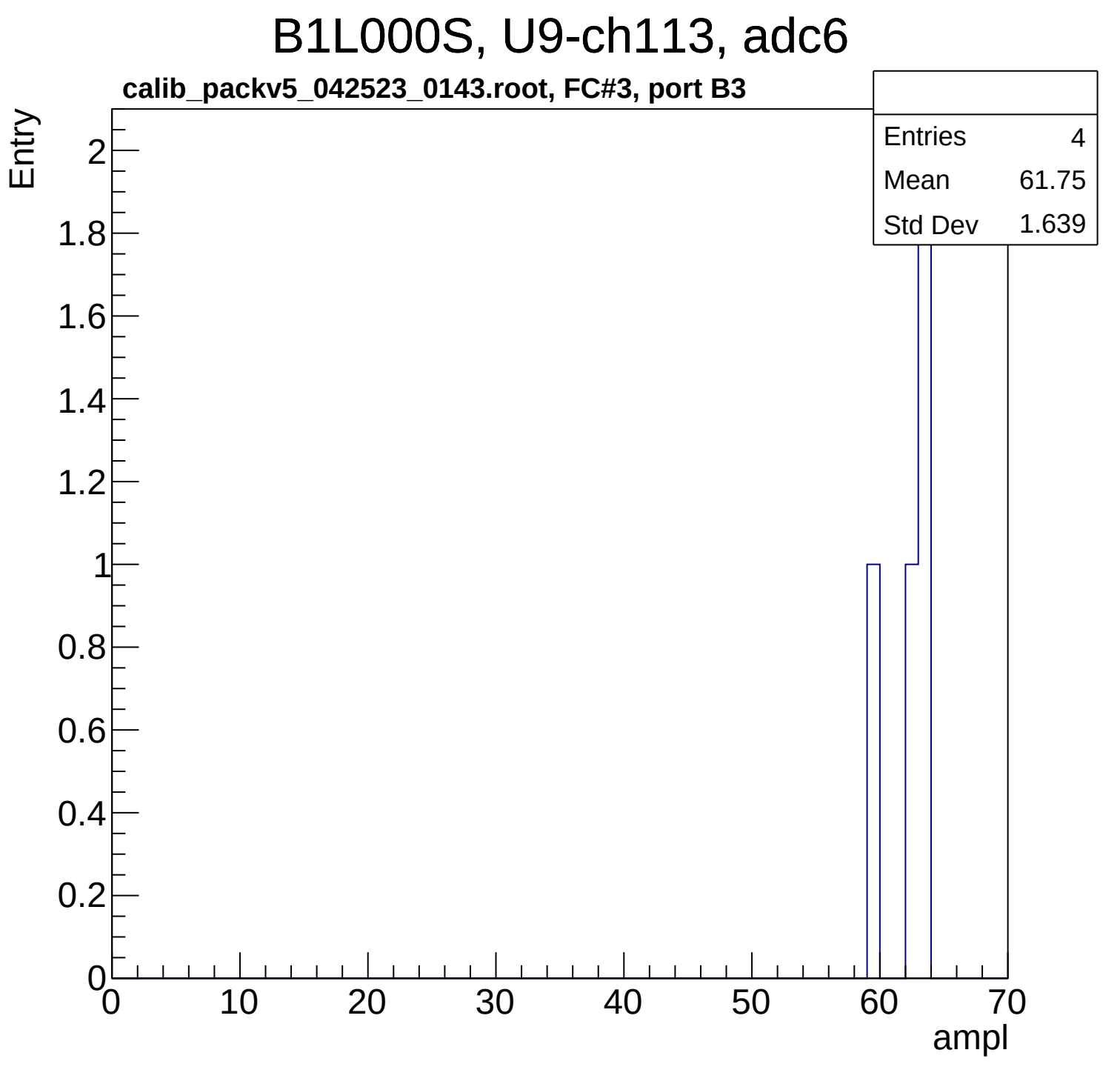
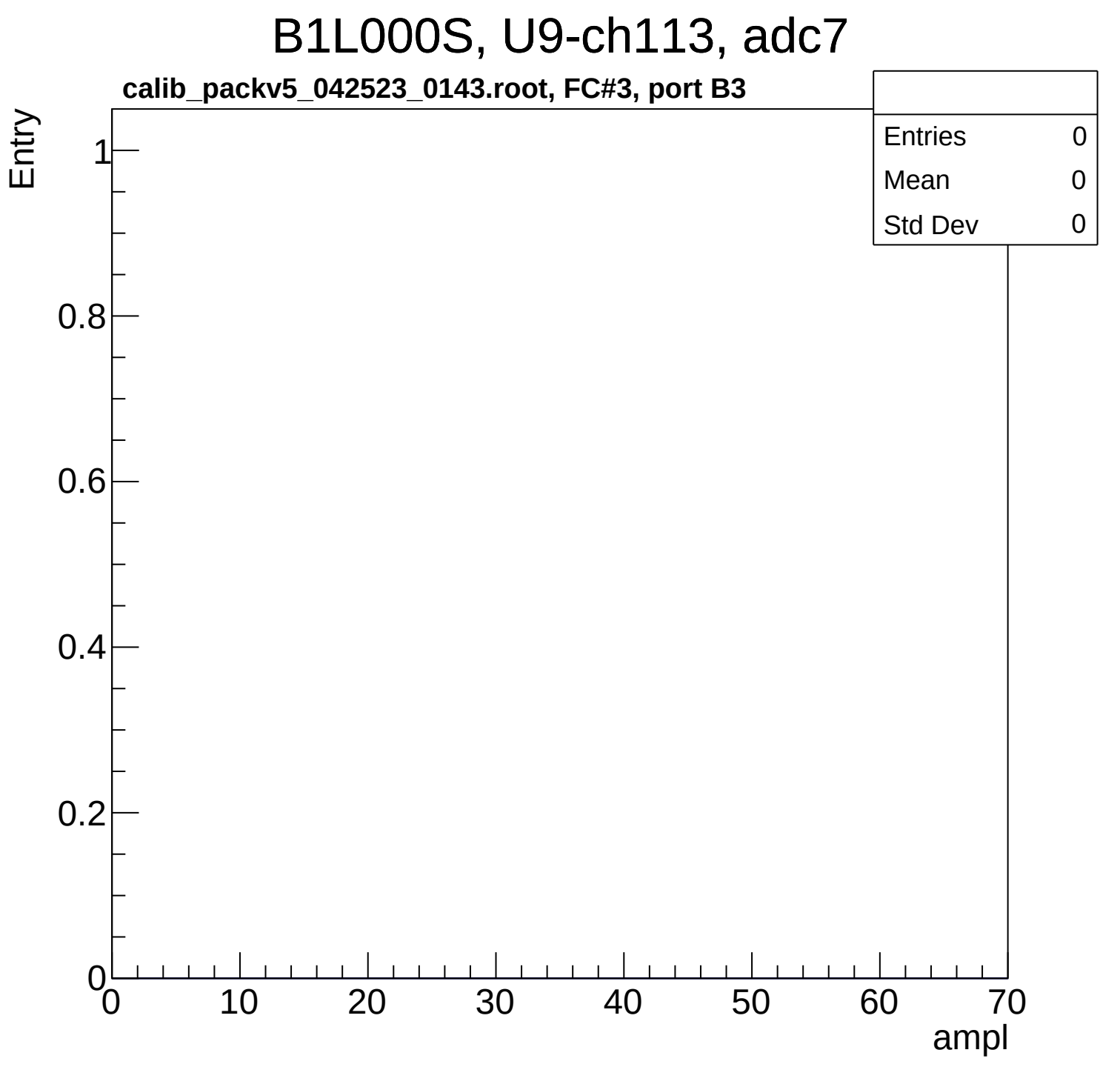

B1L000S, U9-ch113, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61.75
Std Dev 1.639
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U9-ch113, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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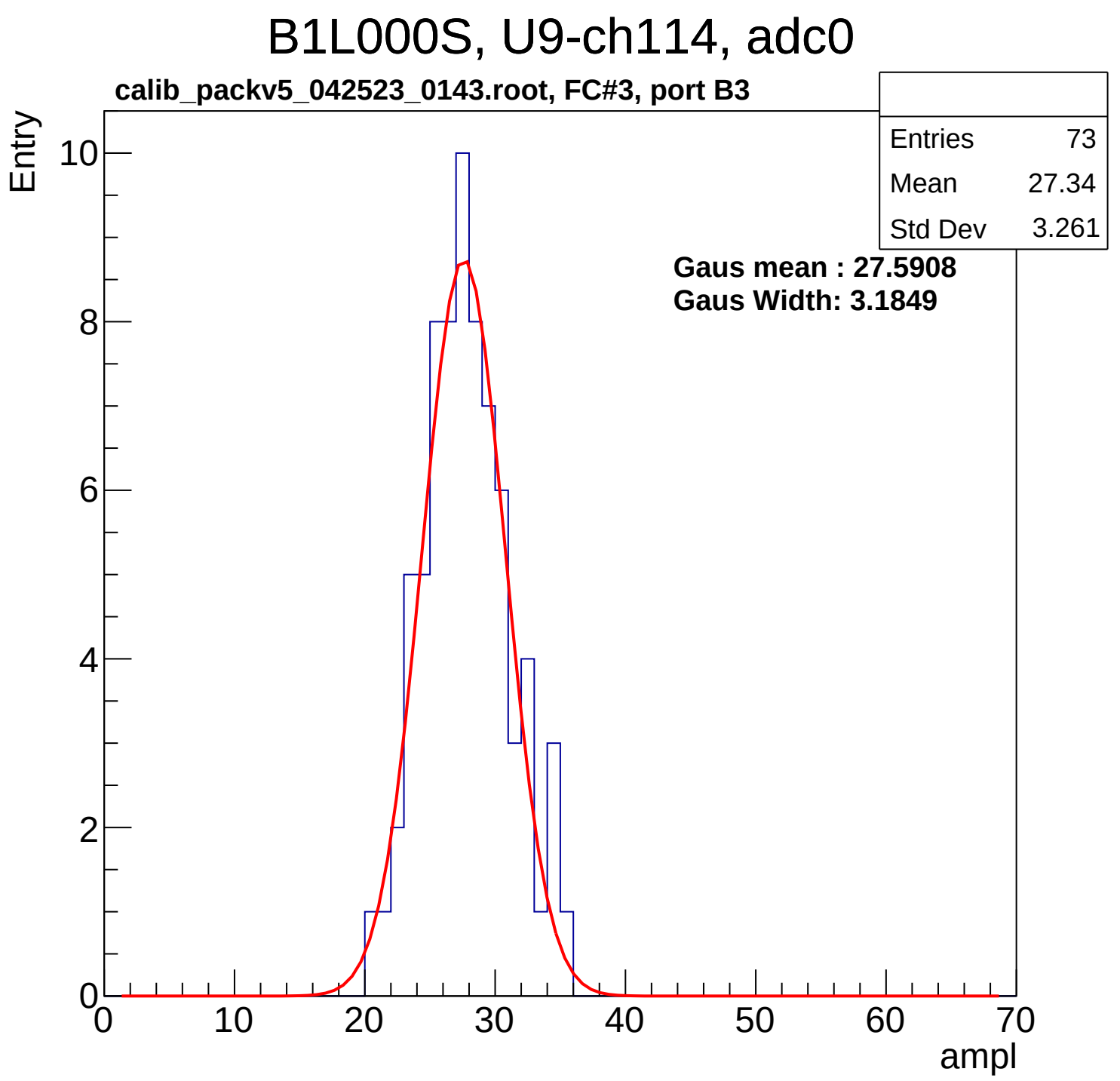
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch114, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 27.34
Std Dev 3.261
Gaus mean : 27.5908
Gaus Width: 3.1849
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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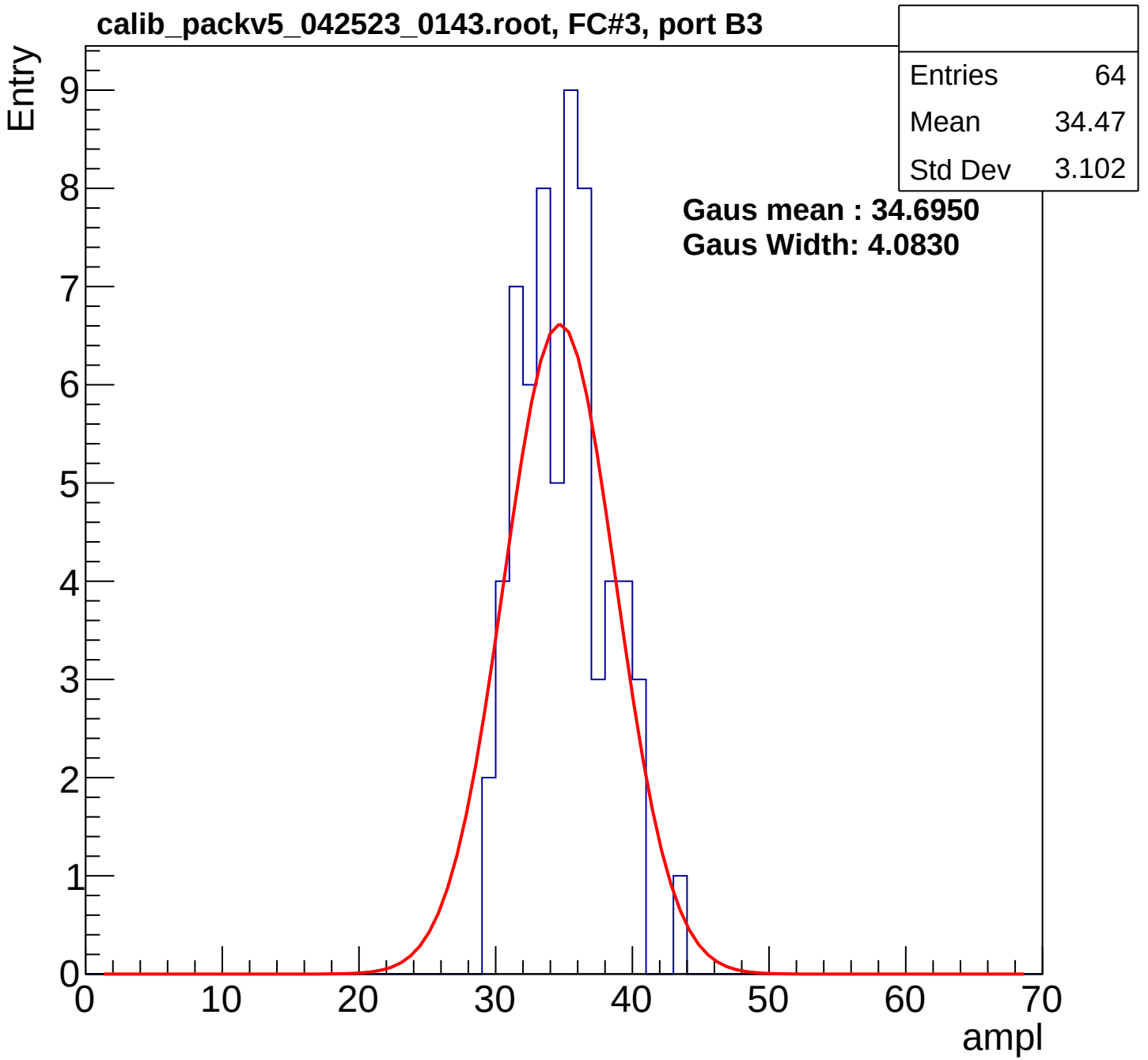
B1L000S, U9-ch114, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 34.47
Std Dev 3.102
Gaus mean : 34.6950
Gaus Width: 4.0830
Entry
ampl
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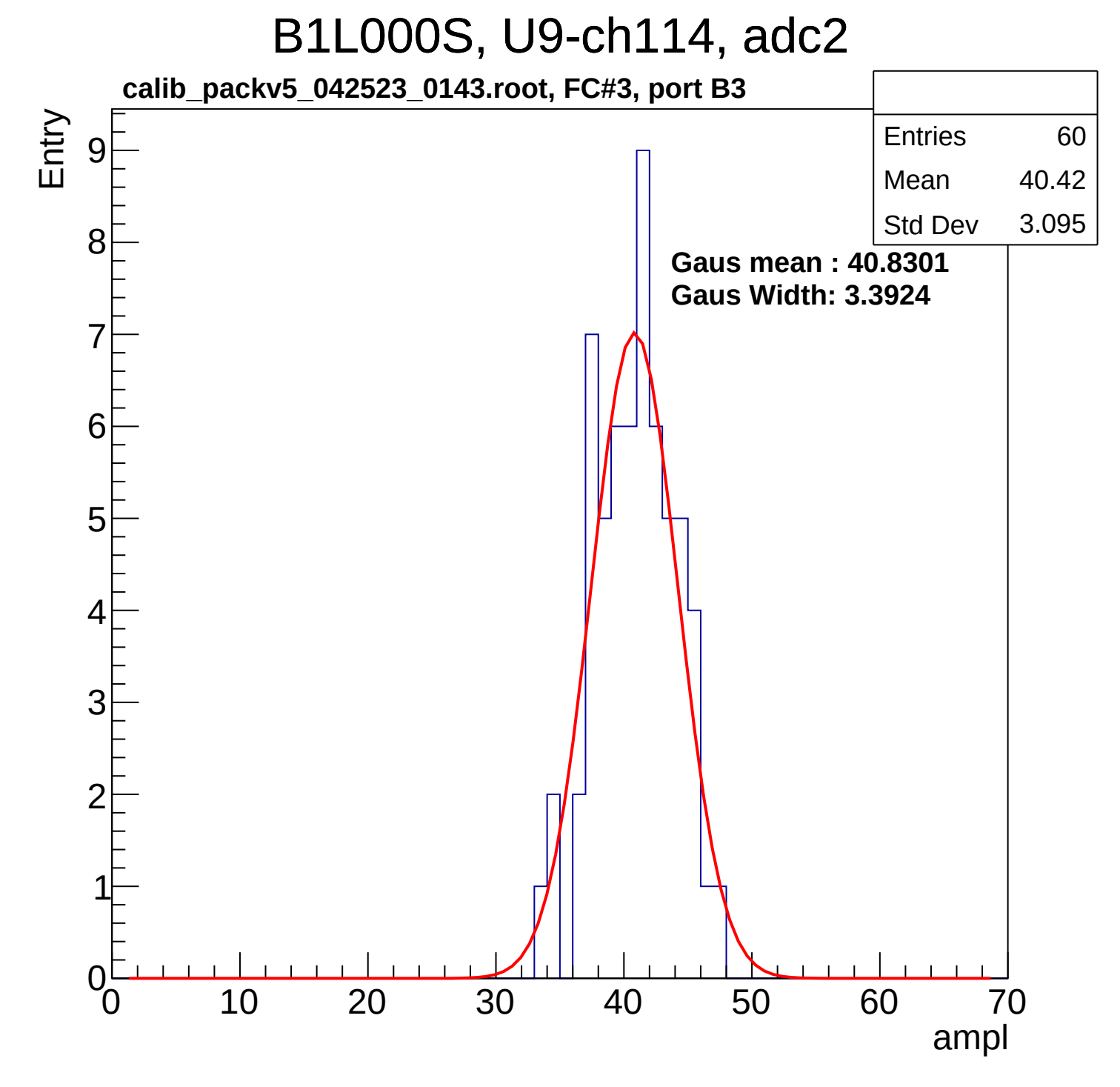
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch114, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 40.42
Std Dev 3.095
Gaus mean : 40.8301
Gaus Width: 3.3924
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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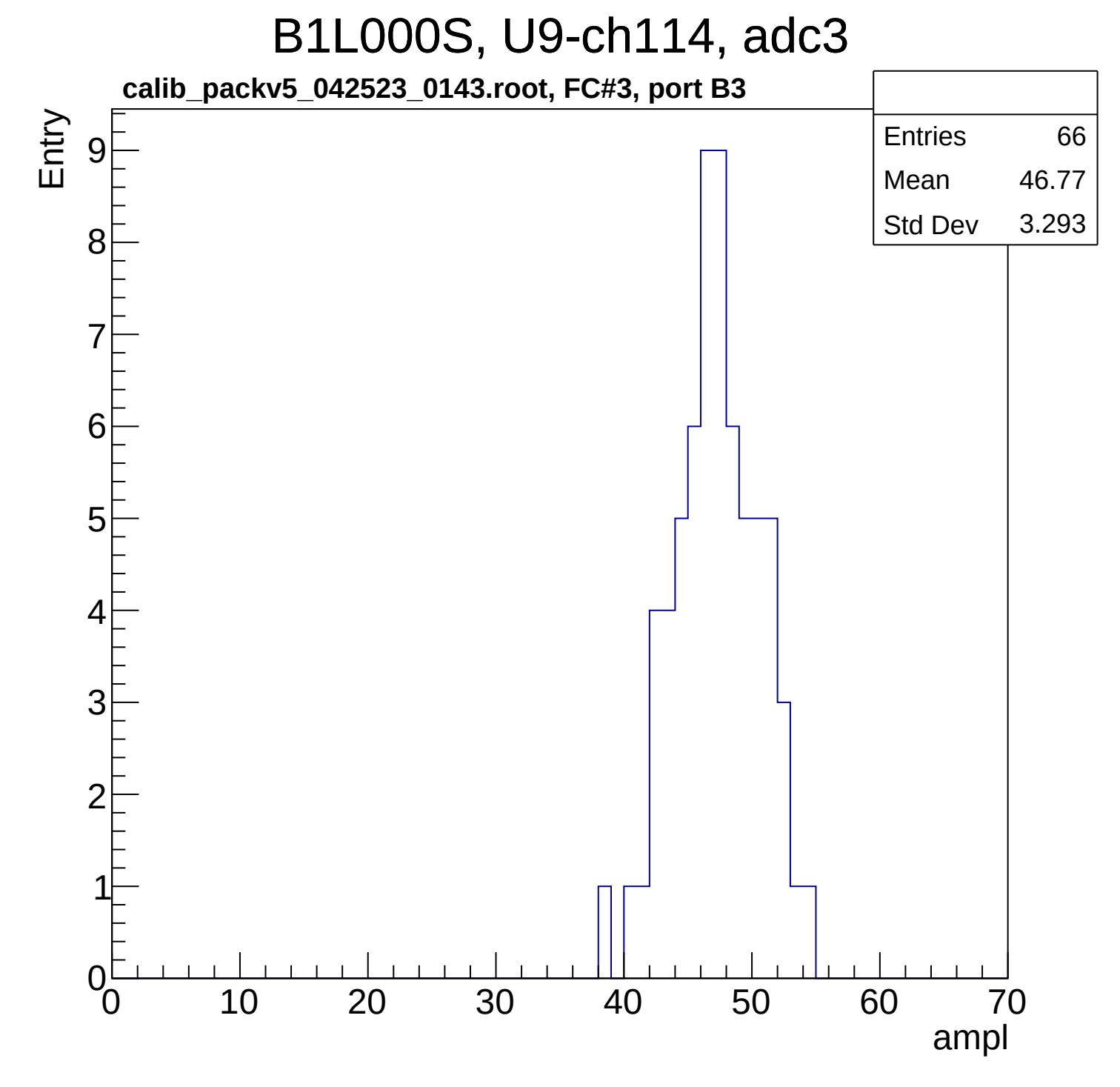
B1L000S, U9-ch114, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 46.77
Std Dev 3.293
Entry
ampl
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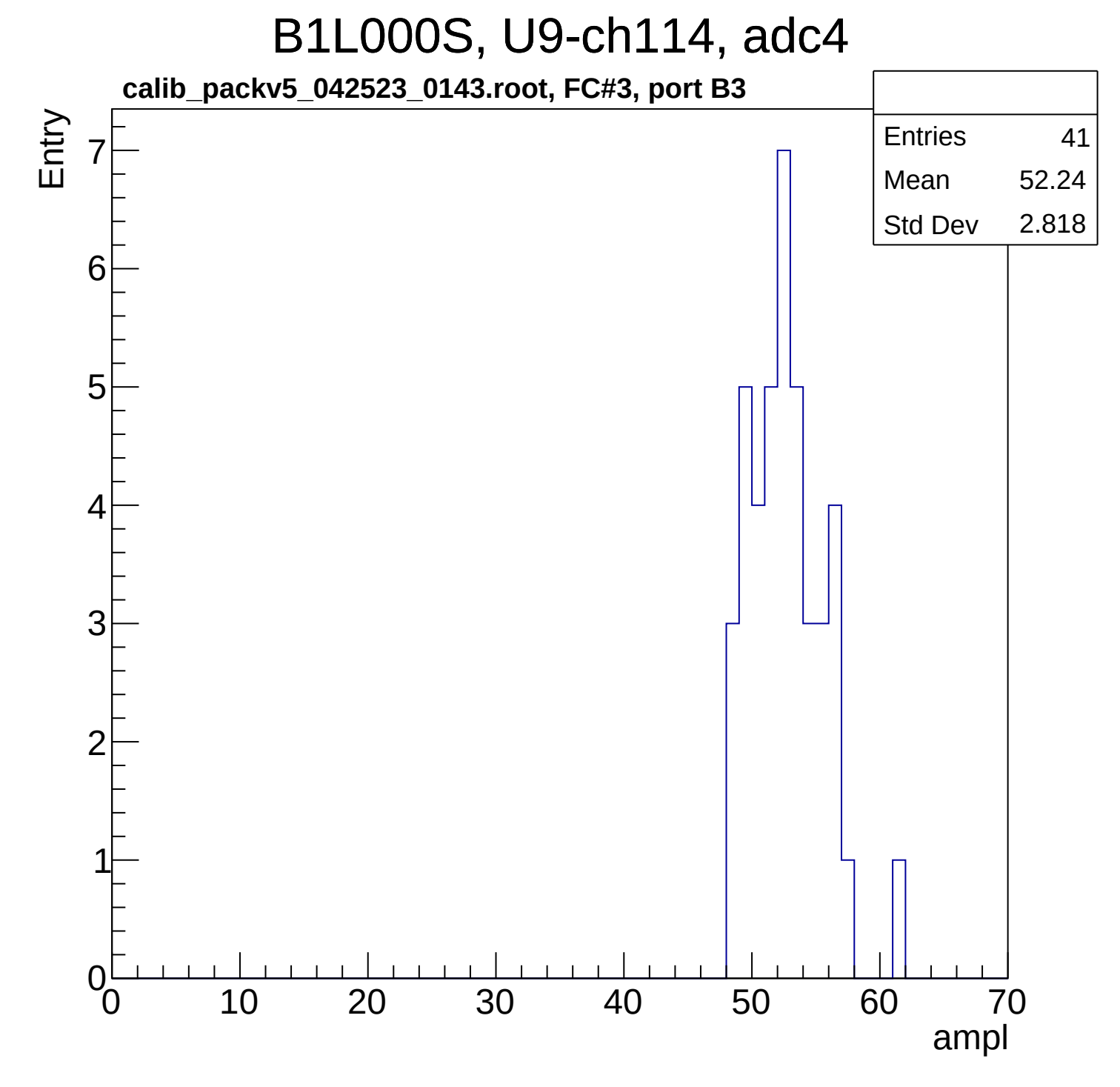
B1L000S, U9-ch114, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 52.24
Std Dev 2.818
Entry
ampl
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3
4
5
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0
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60
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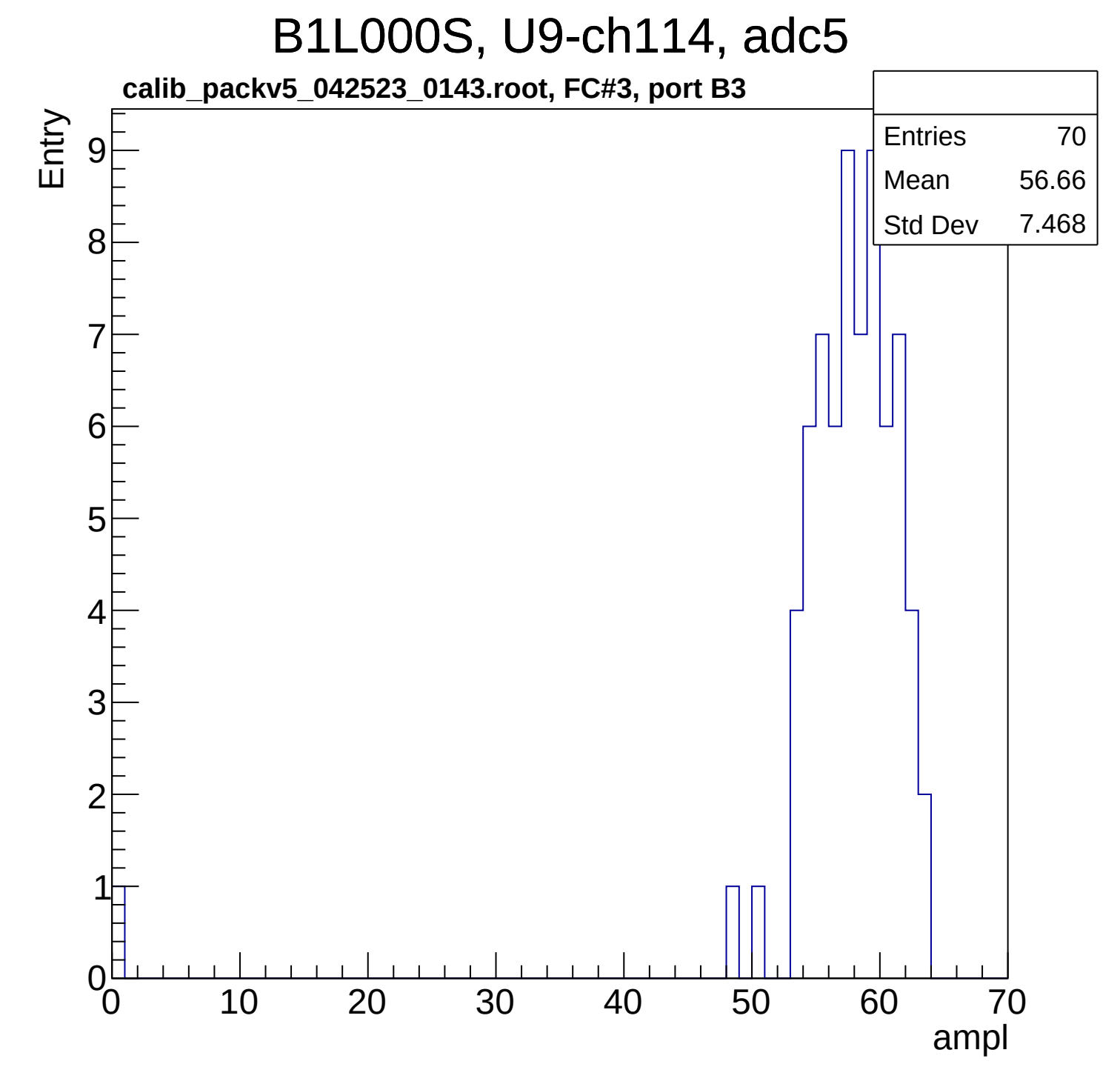
B1L000S, U9-ch114, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 56.66
Std Dev 7.468
Entry
ampl
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7
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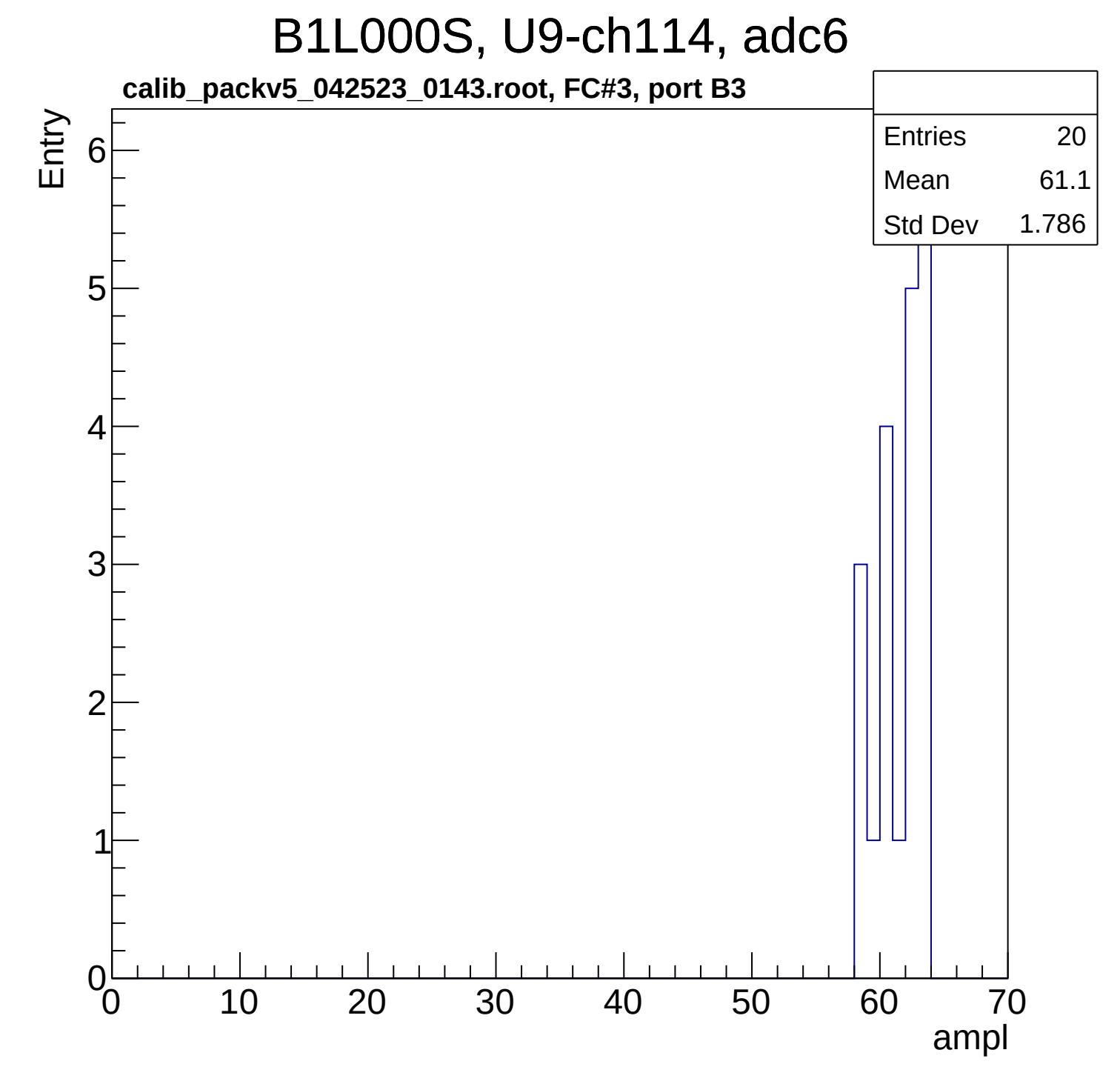
B1L000S, U9-ch114, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.1
Std Dev 1.786
Entry
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4
5
6
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30
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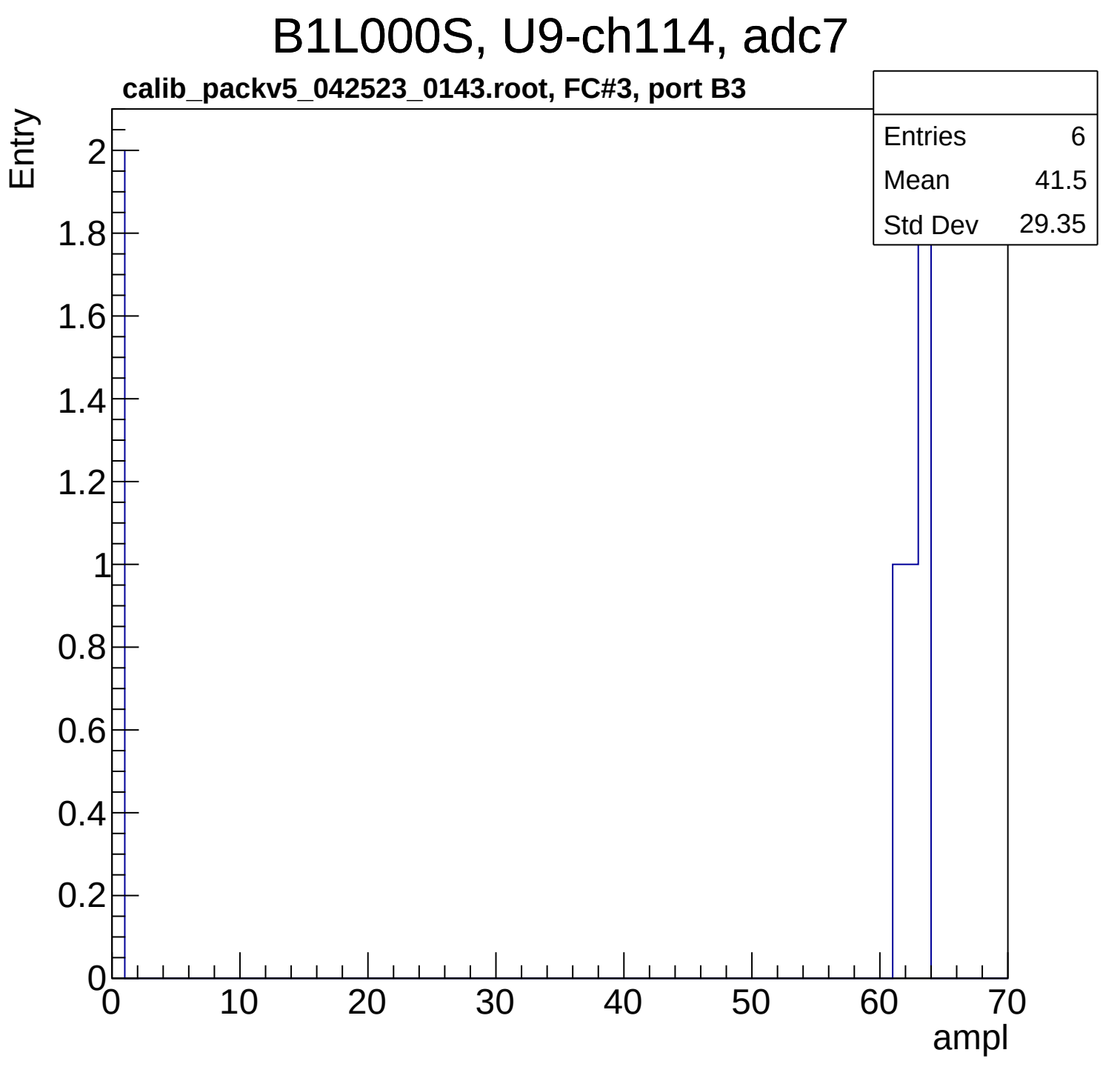
50
60
70
ampl


B1L000S, U9-ch114, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 41.5
Std Dev 29.35
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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60
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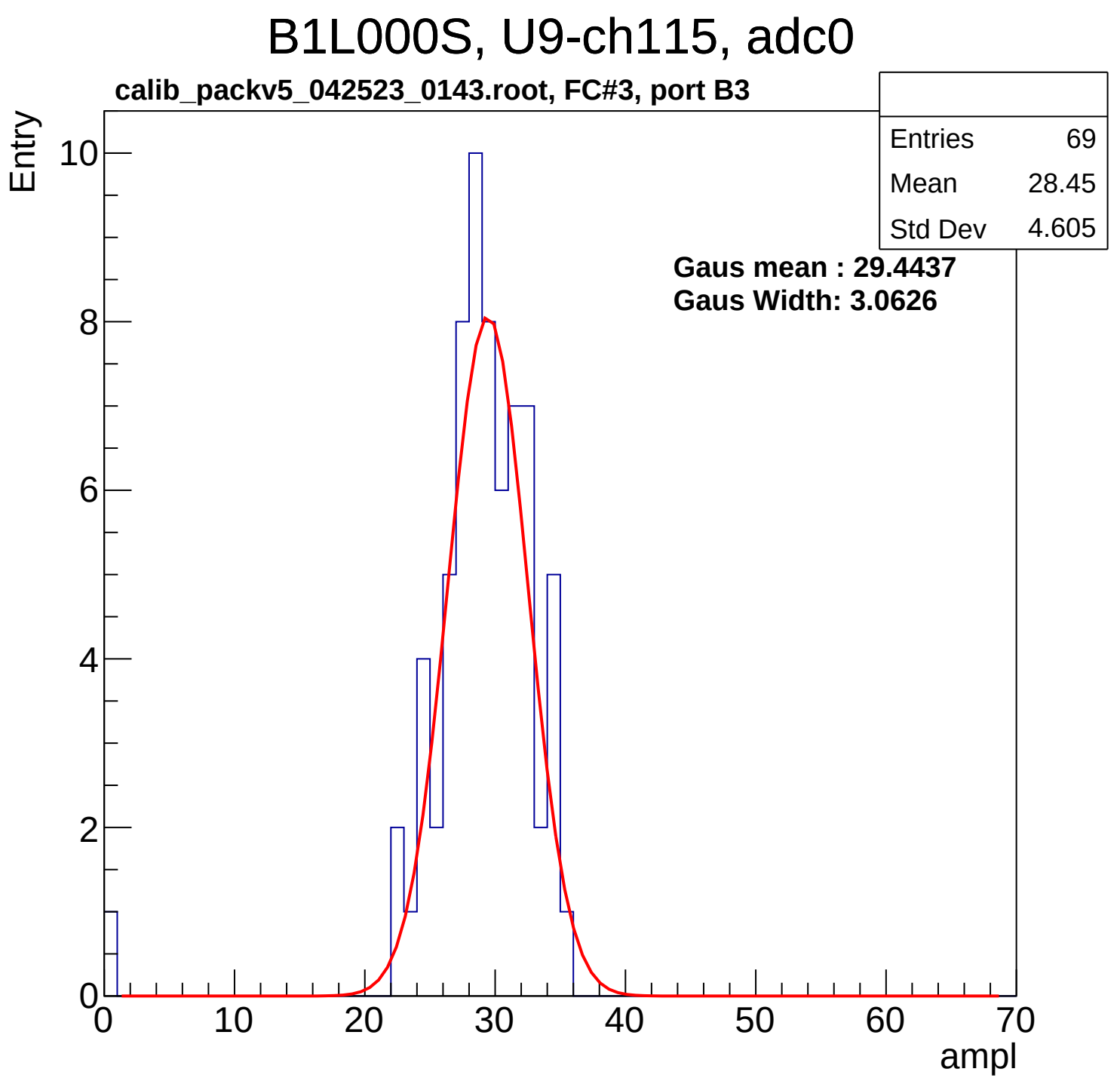
B1L000S, U9-ch115, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.45
Std Dev 4.605
Gaus mean : 29.4437
Gaus Width: 3.0626
Entry
ampl
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2
4
6
8
10
0
10
20
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40
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60
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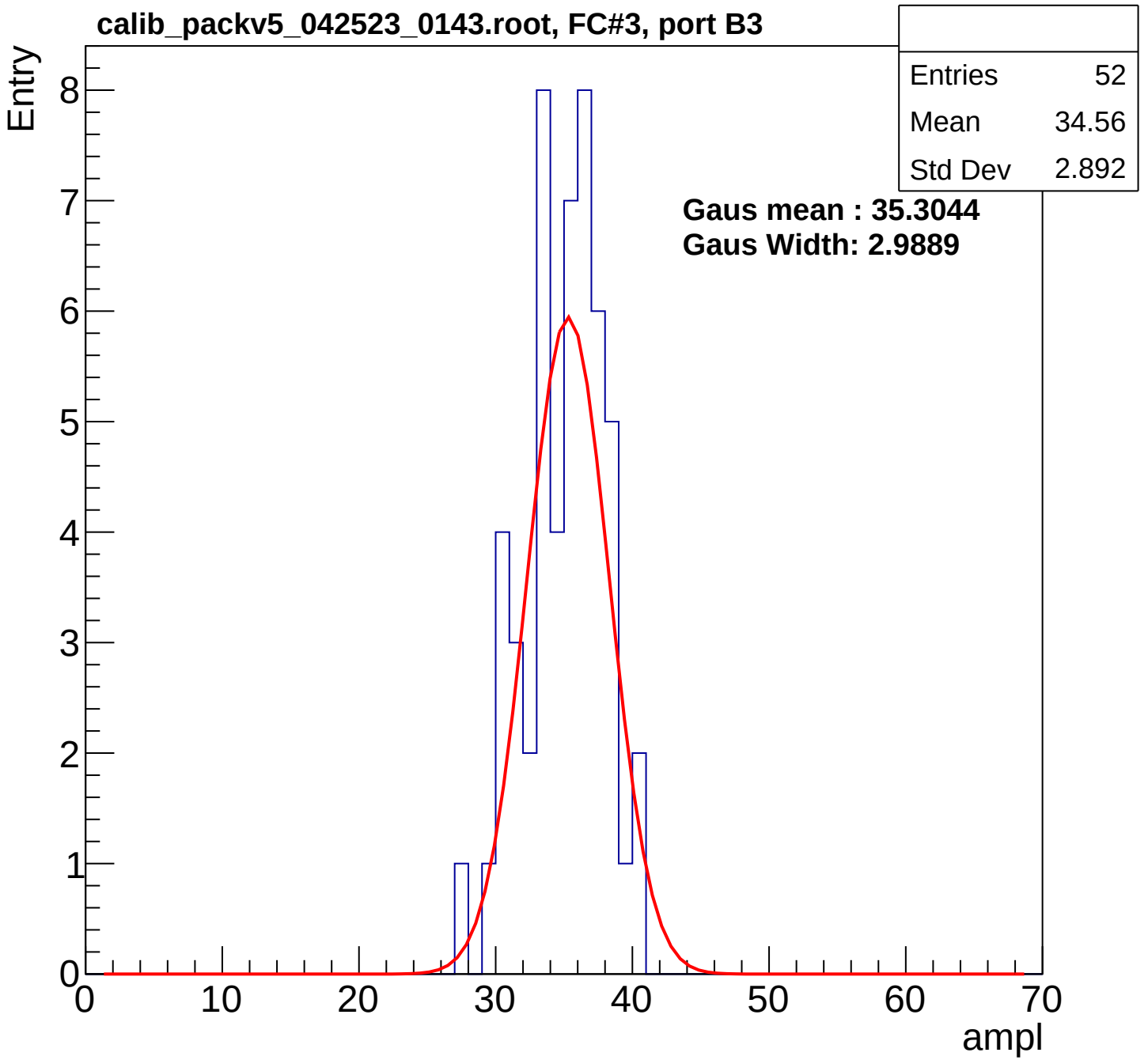
B1L000S, U9-ch115, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 34.56
Std Dev 2.892
Gaus mean : 35.3044
Gaus Width: 2.9889
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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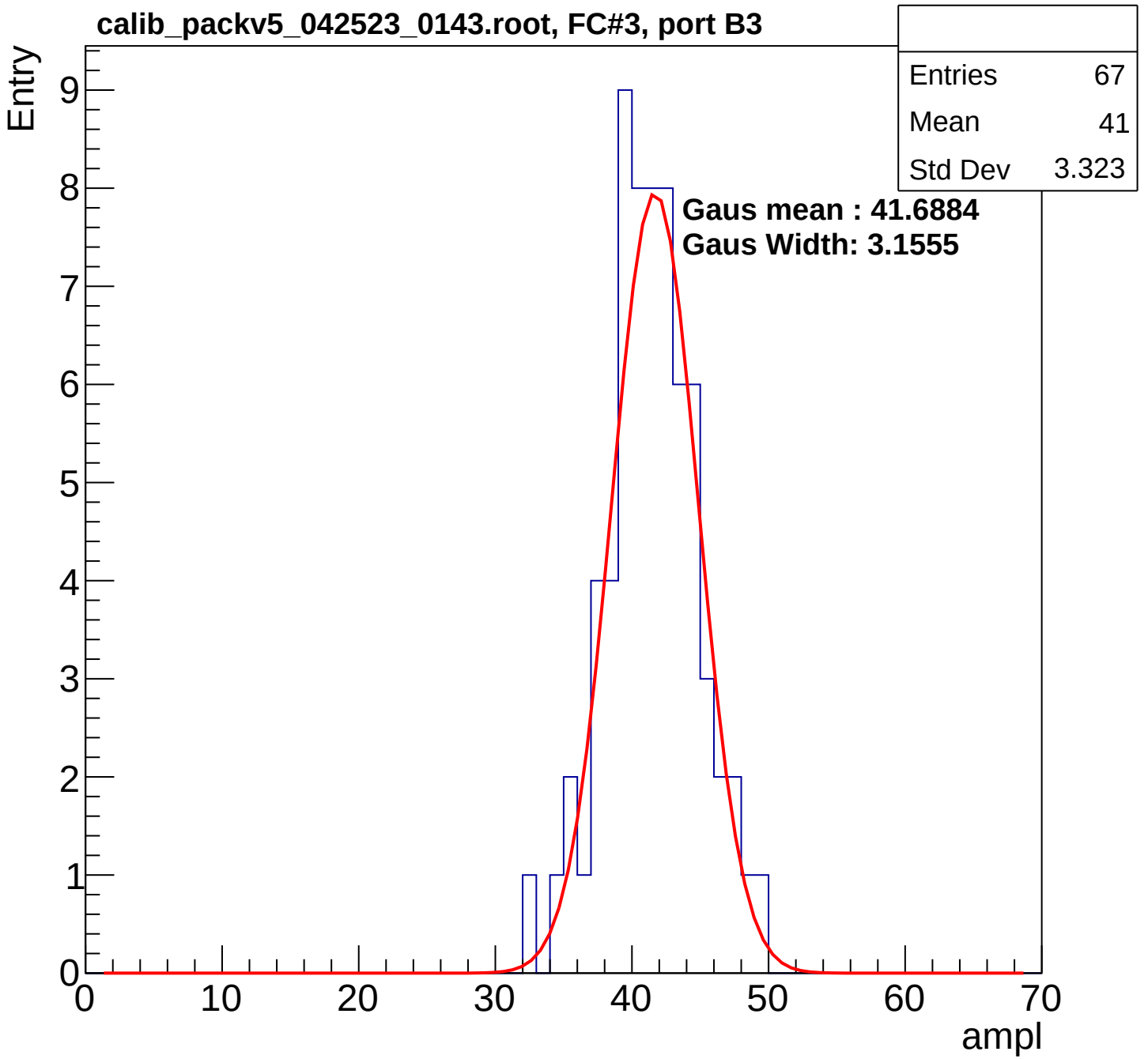
B1L000S, U9-ch115, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41
Std Dev 3.323
Gaus mean : 41.6884
Gaus Width: 3.1555
Entry
ampl
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2
3
4
5
6
7
8
9
0
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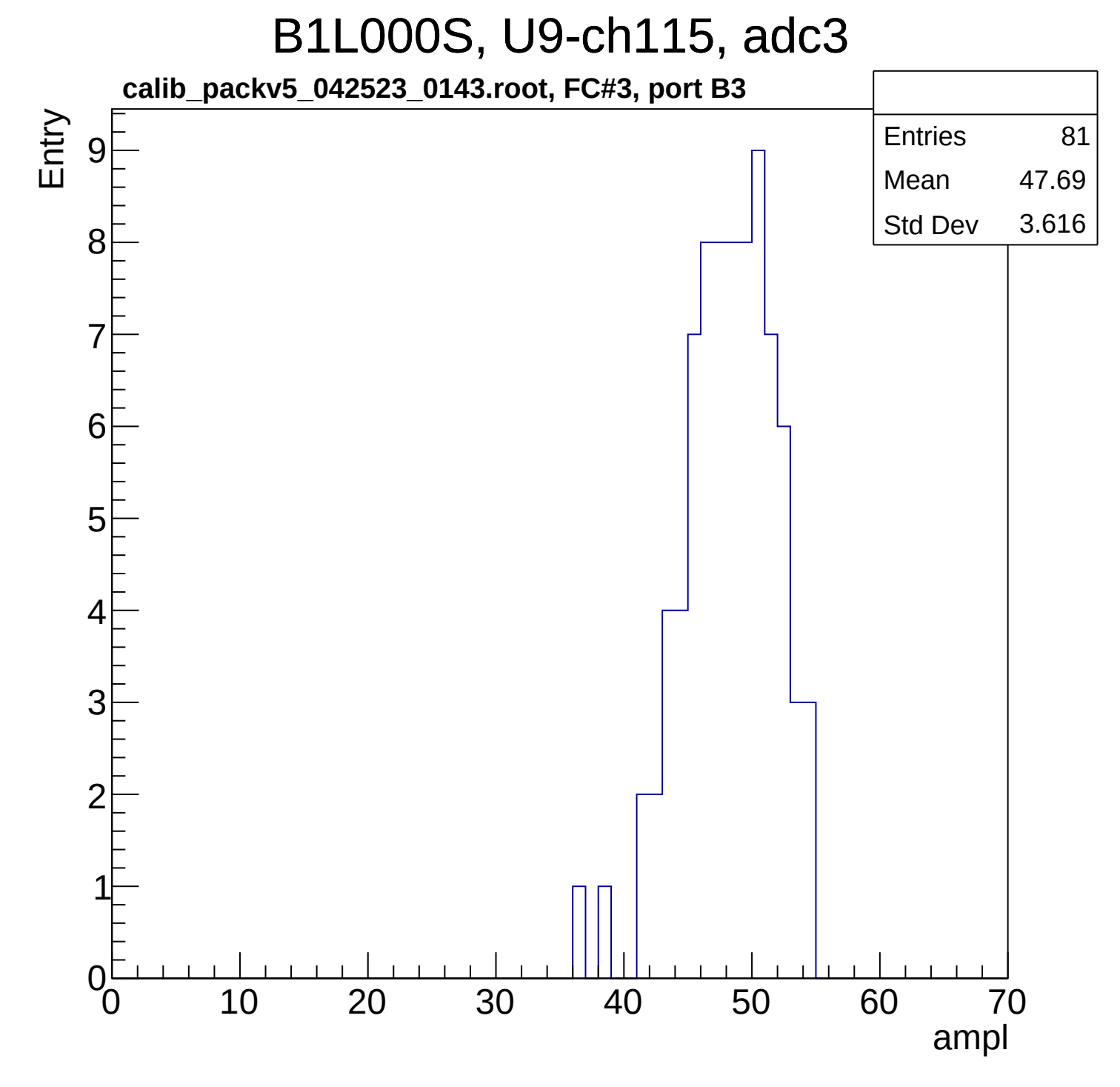
B1L000S, U9-ch115, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 47.69
Std Dev 3.616
Entry
ampl
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4
5
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7
8
9
0
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60
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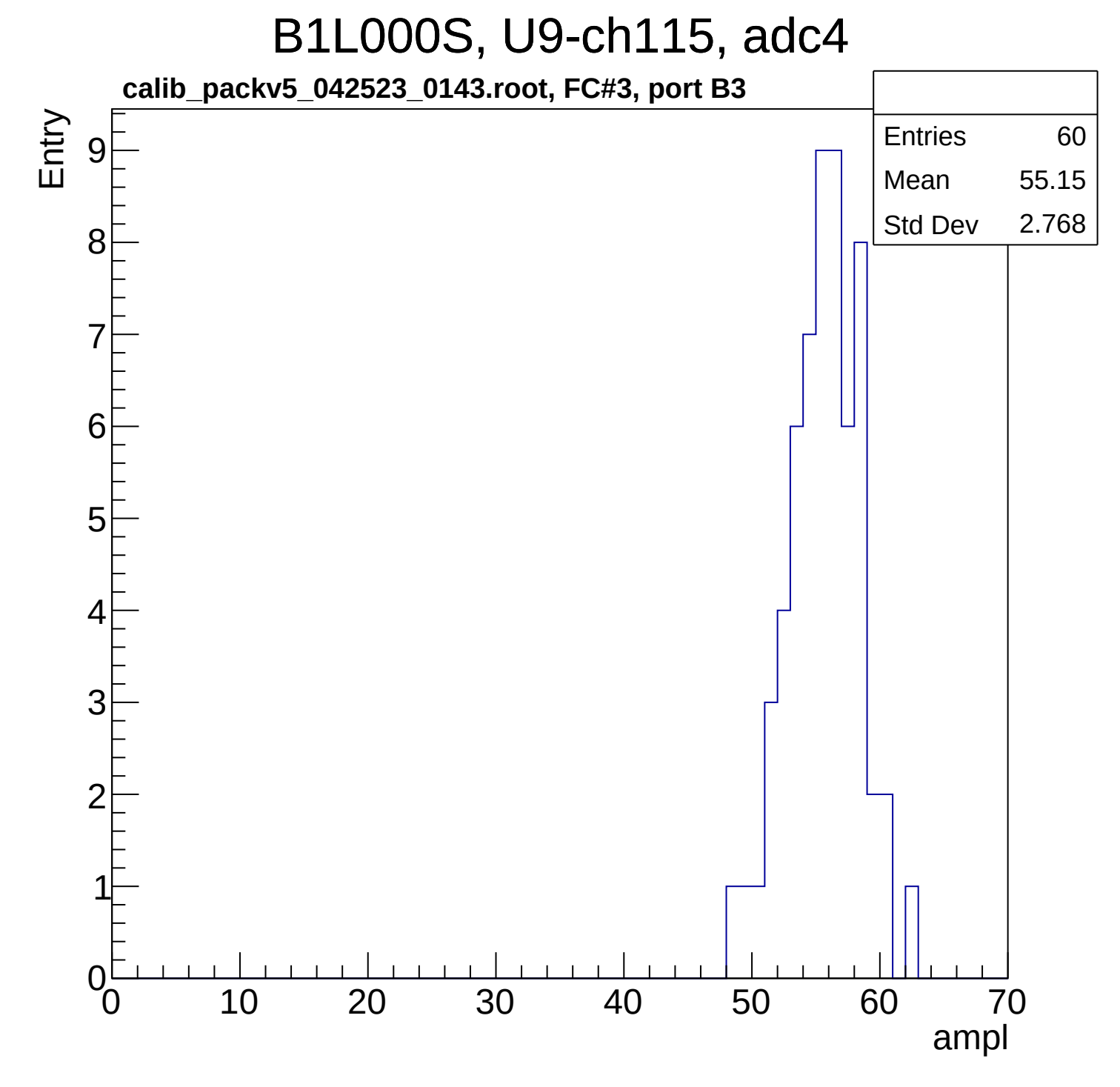
B1L000S, U9-ch115, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 55.15
Std Dev 2.768
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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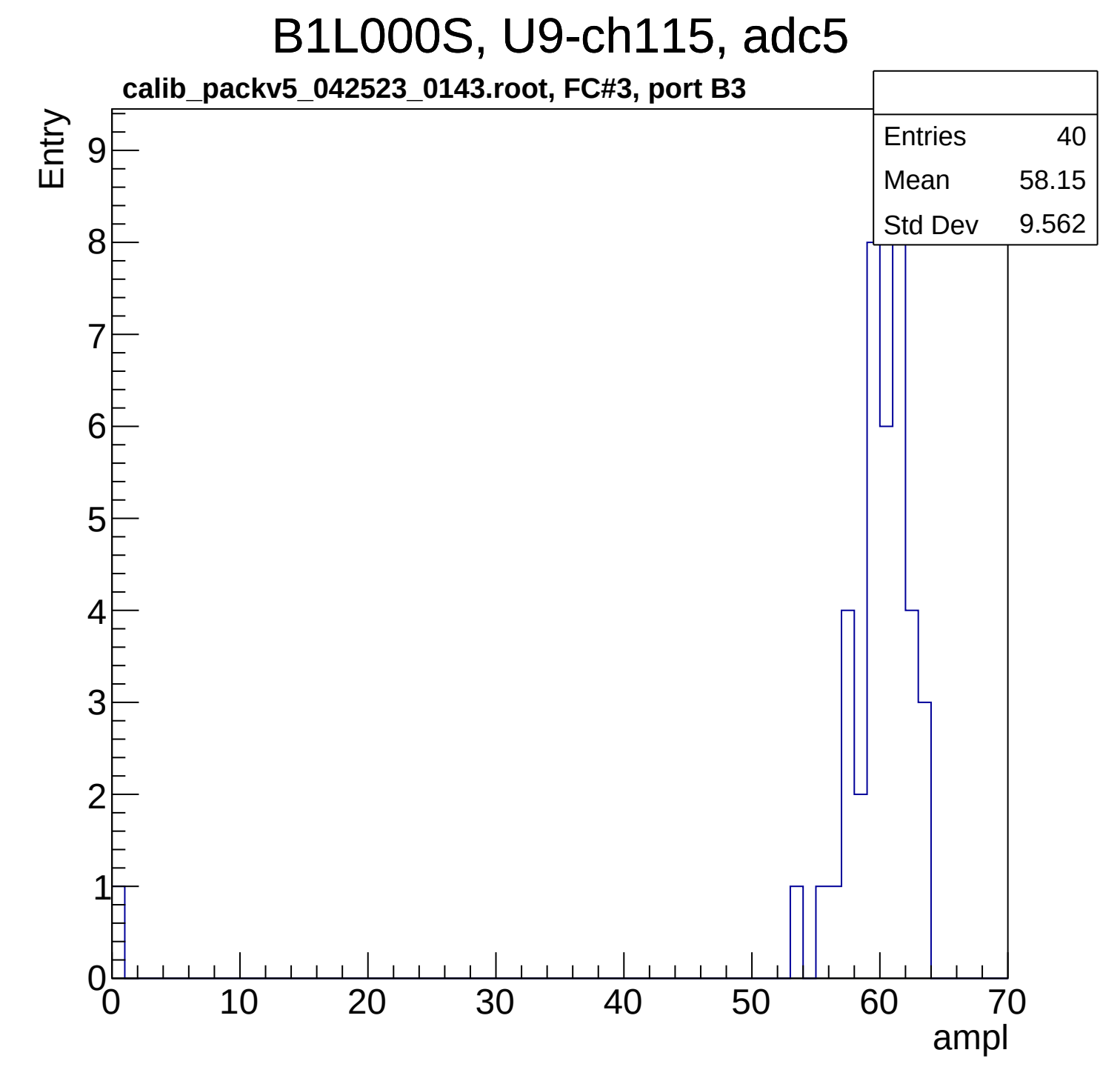
B1L000S, U9-ch115, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 58.15
Std Dev 9.562
Entry
ampl
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2
3
4
5
6
7
8
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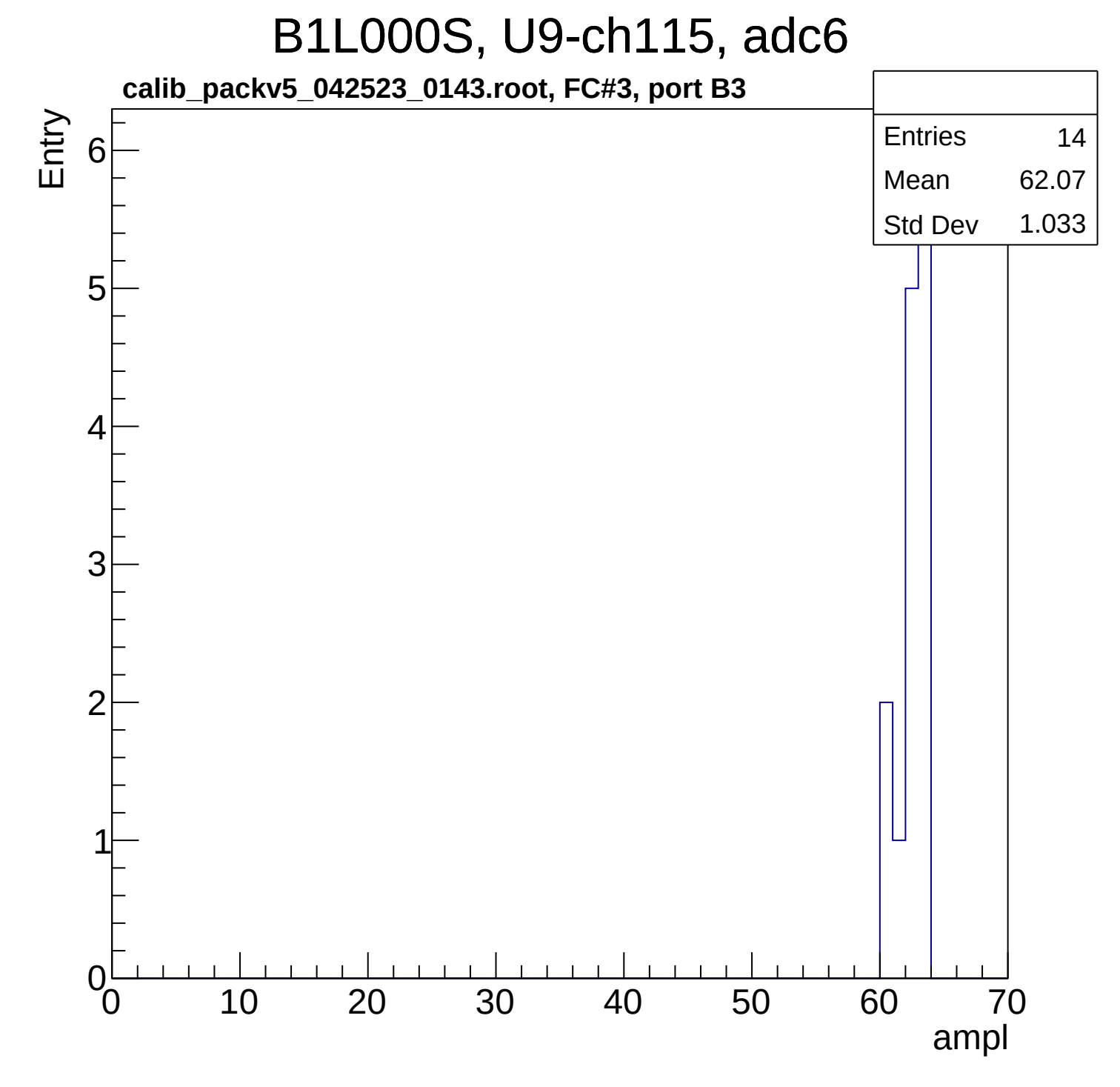
B1L000S, U9-ch115, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 62.07
Std Dev 1.033
Entry
ampl
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2
3
4
5
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0
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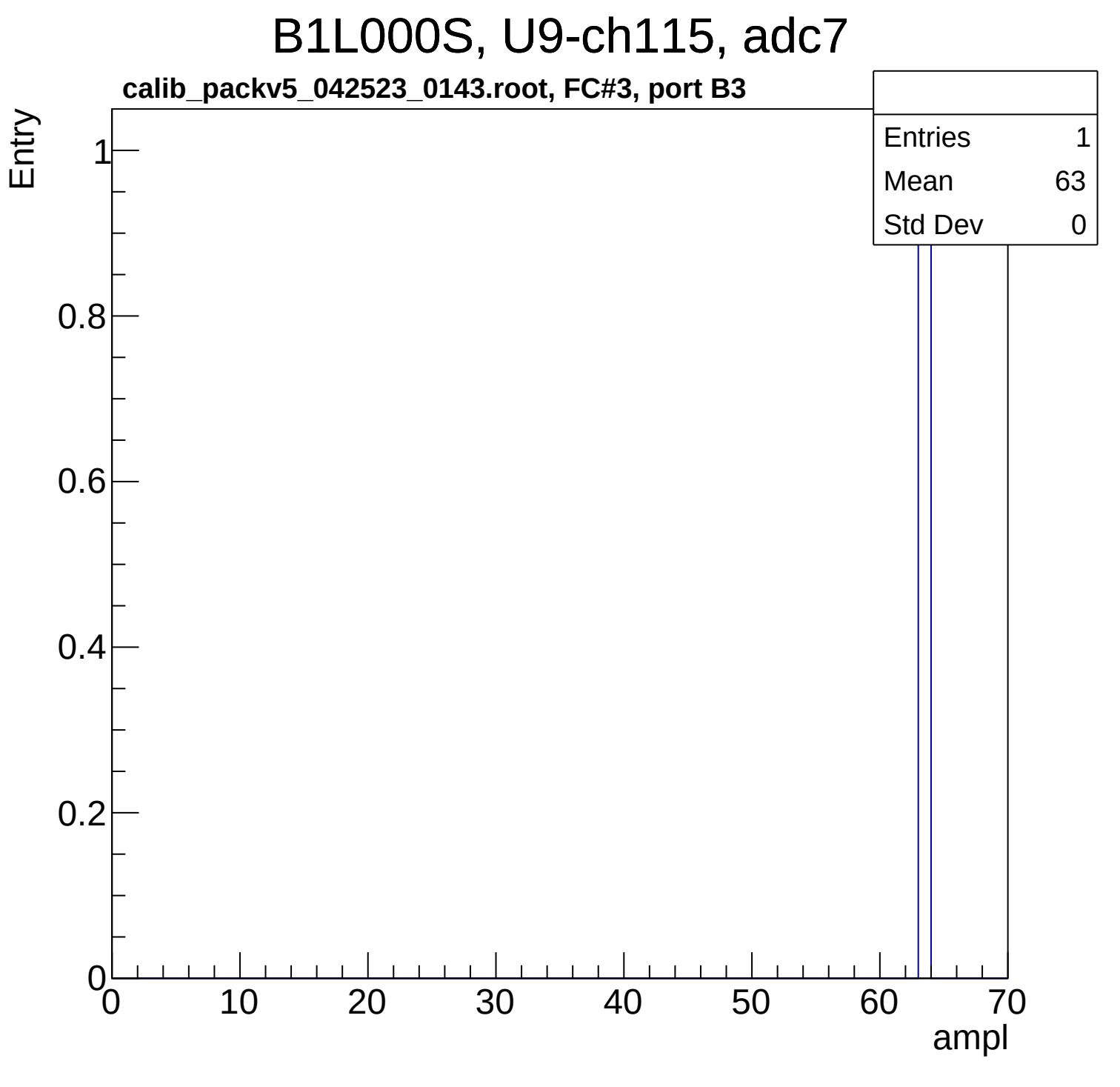
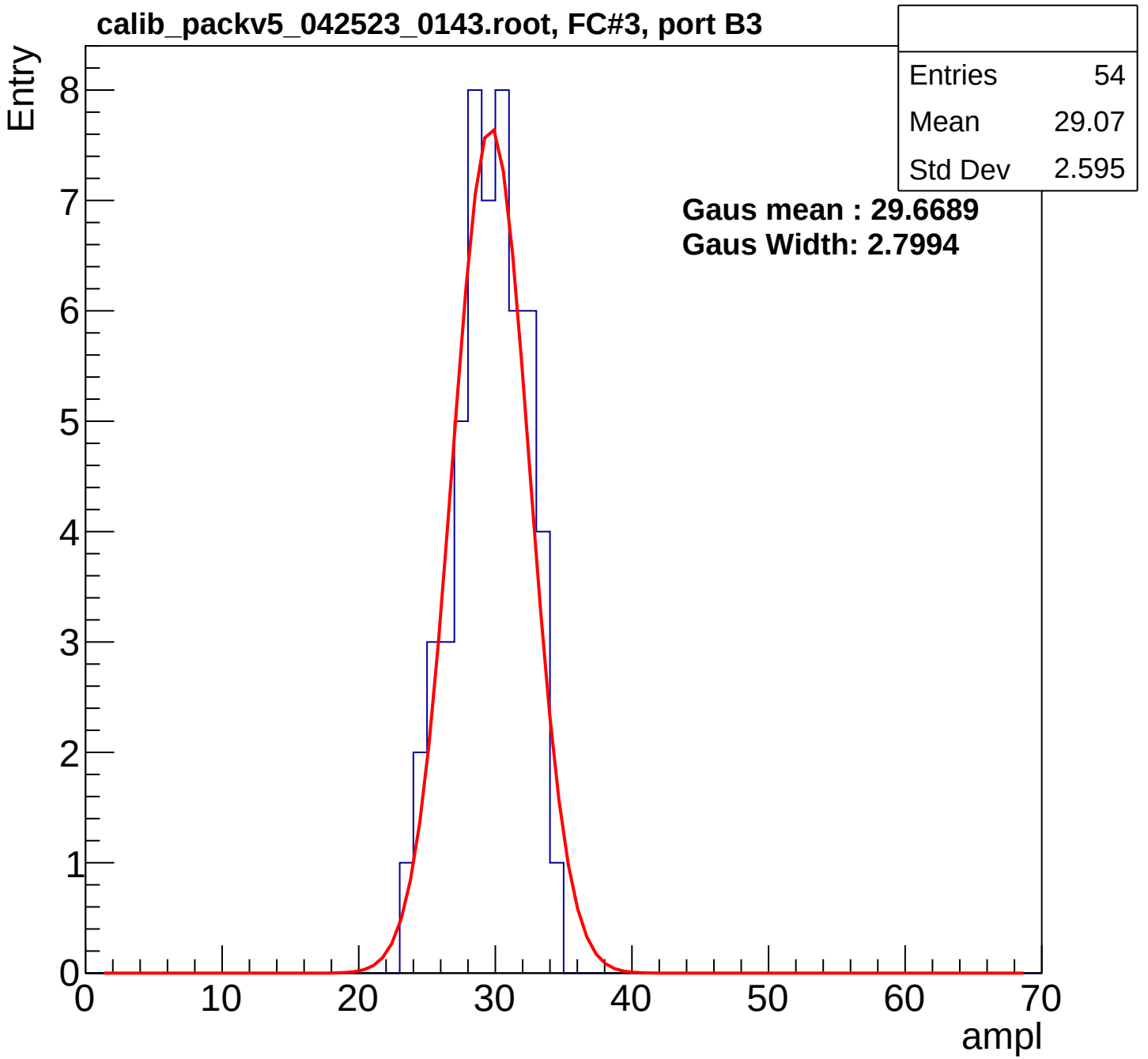
20
30
40
50
60
70


B1L000S, U9-ch115, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch116, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 29.07
Std Dev 2.595
Gaus mean : 29.6689
Gaus Width: 2.7994
Entry
ampl
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1
2
3
4
5
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7
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0
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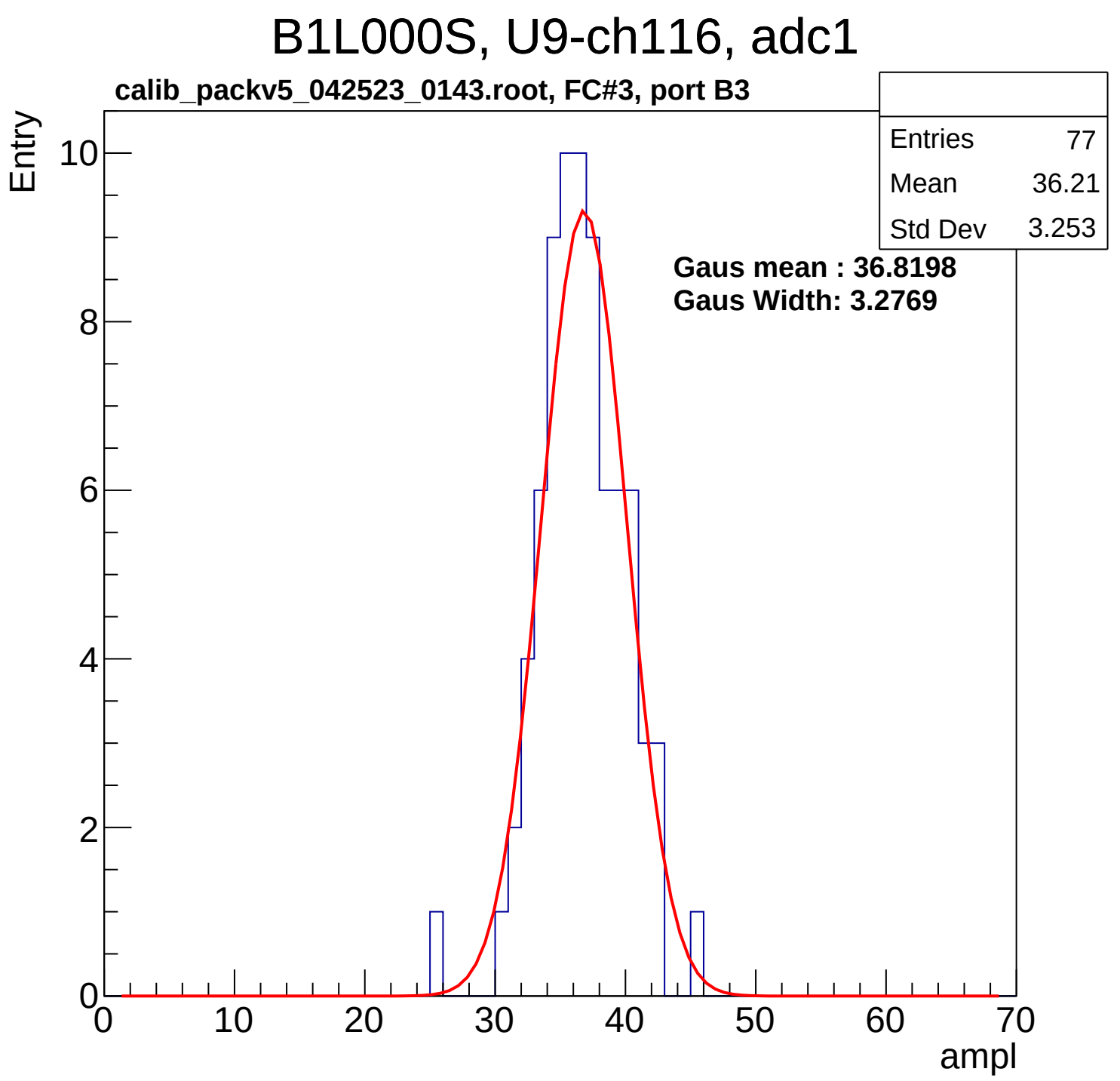
B1L000S, U9-ch116, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 36.21
Std Dev 3.253
Gaus mean : 36.8198
Gaus Width: 3.2769
Entry
ampl
0
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0
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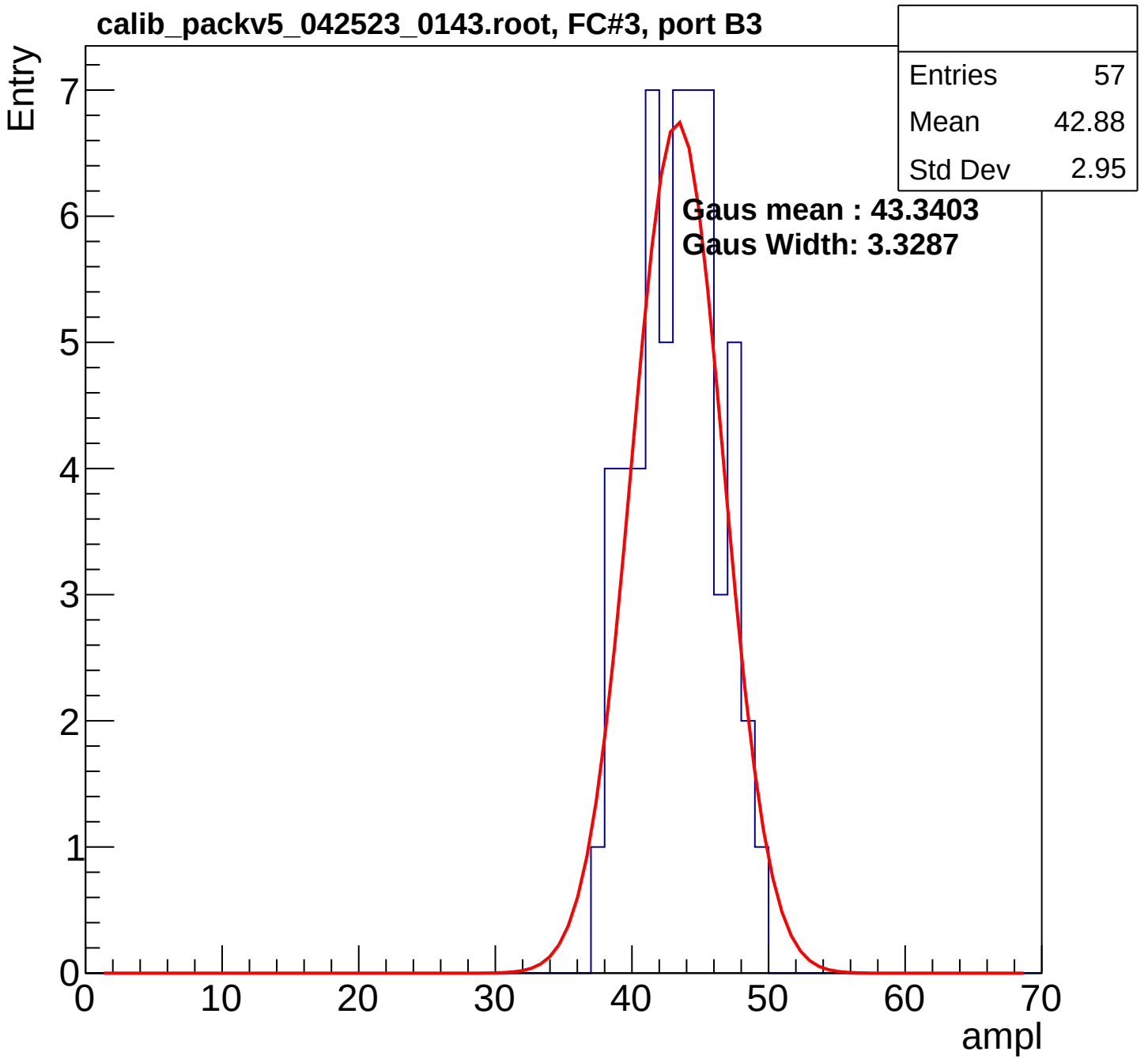
B1L000S, U9-ch116, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 42.88
Std Dev 2.95
Gaus mean : 43.3403
Gaus Width: 3.3287
Entry
ampl
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2
3
4
5
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0
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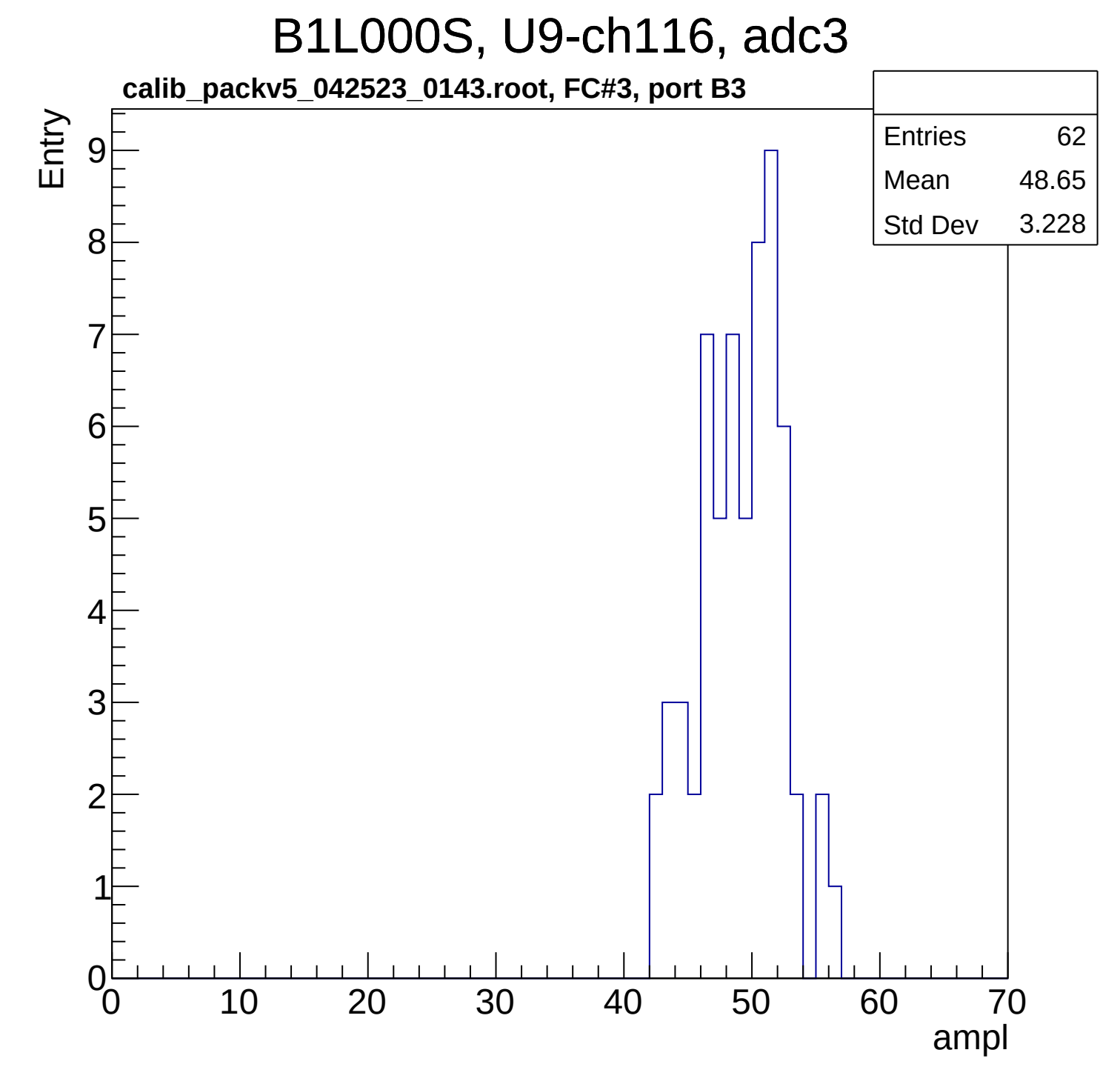
B1L000S, U9-ch116, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.65
Std Dev 3.228
Entry
ampl
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3
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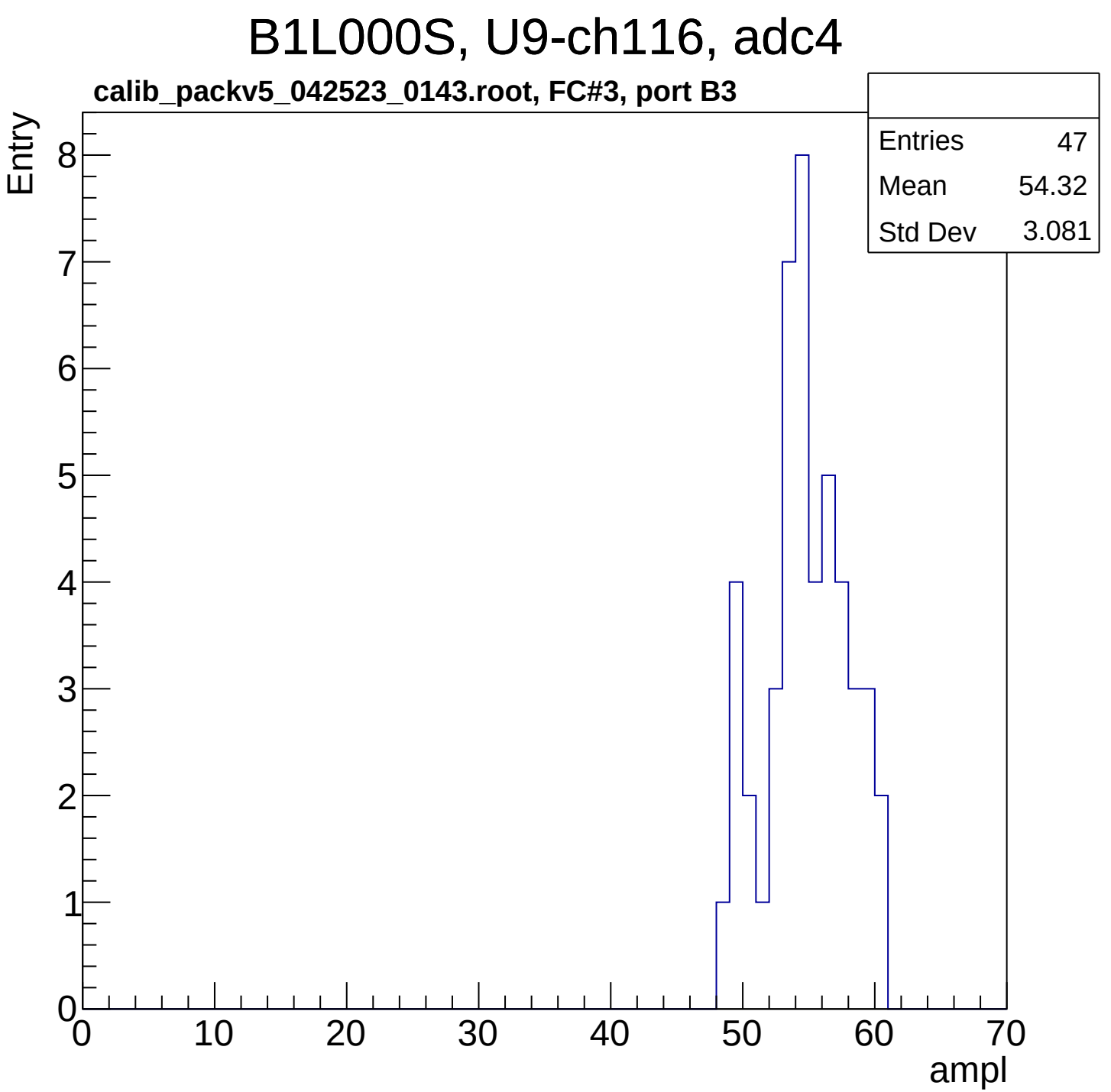
B1L000S, U9-ch116, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 54.32
Std Dev 3.081
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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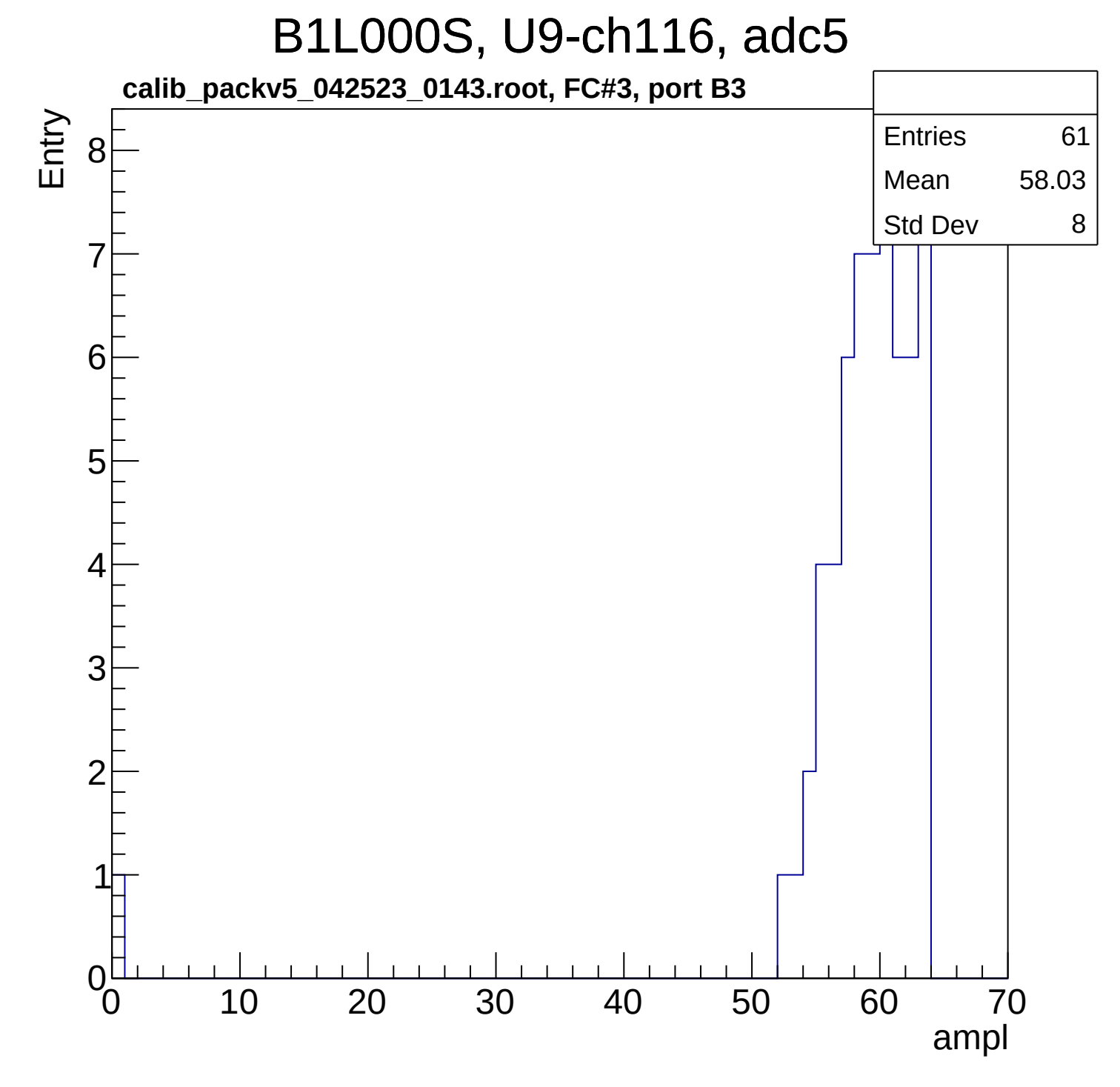
B1L000S, U9-ch116, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.03
Std Dev 8
Entry
ampl
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1
2
3
4
5
6
7
8
0
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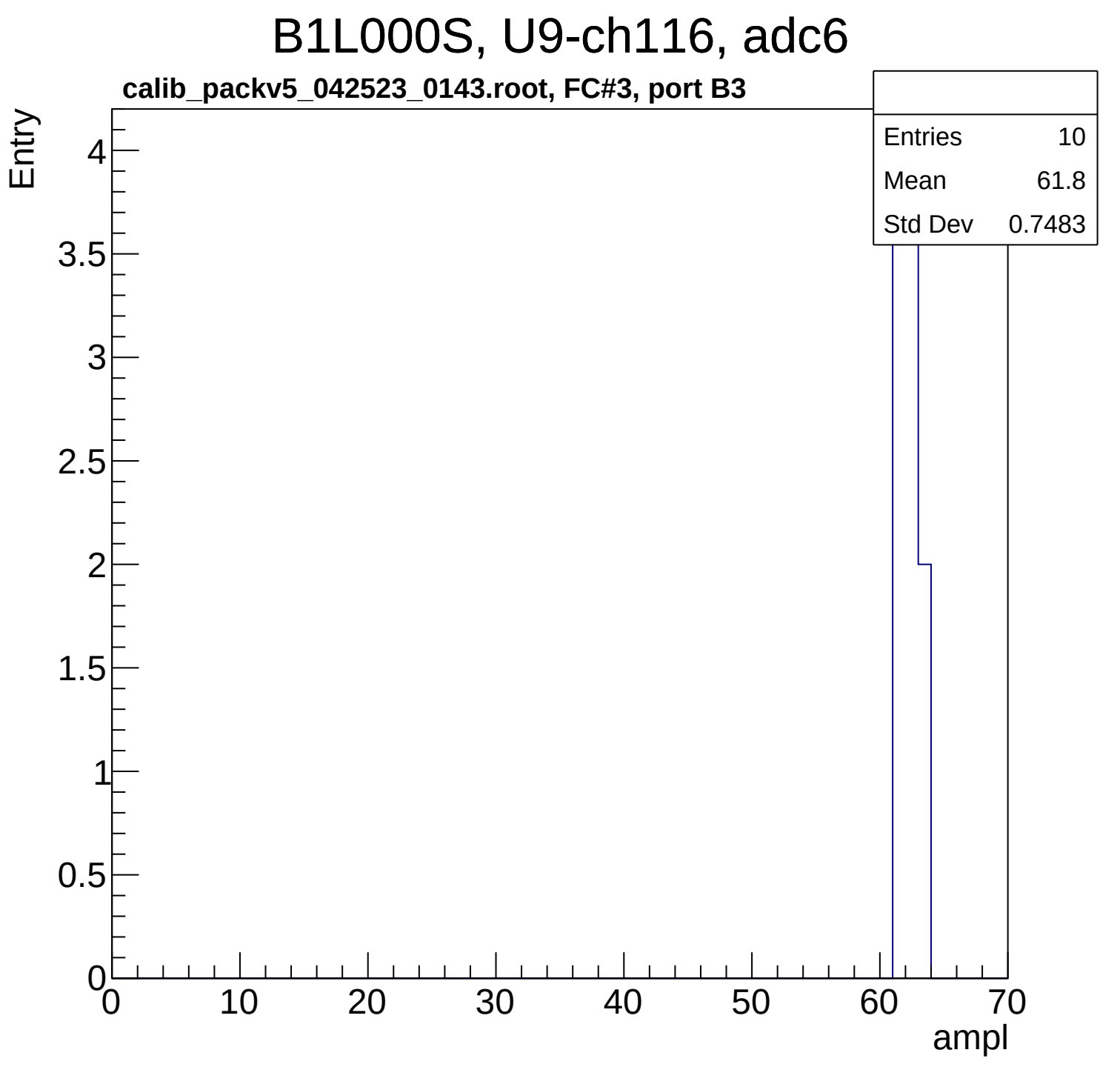
B1L000S, U9-ch116, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.8
Std Dev 0.7483
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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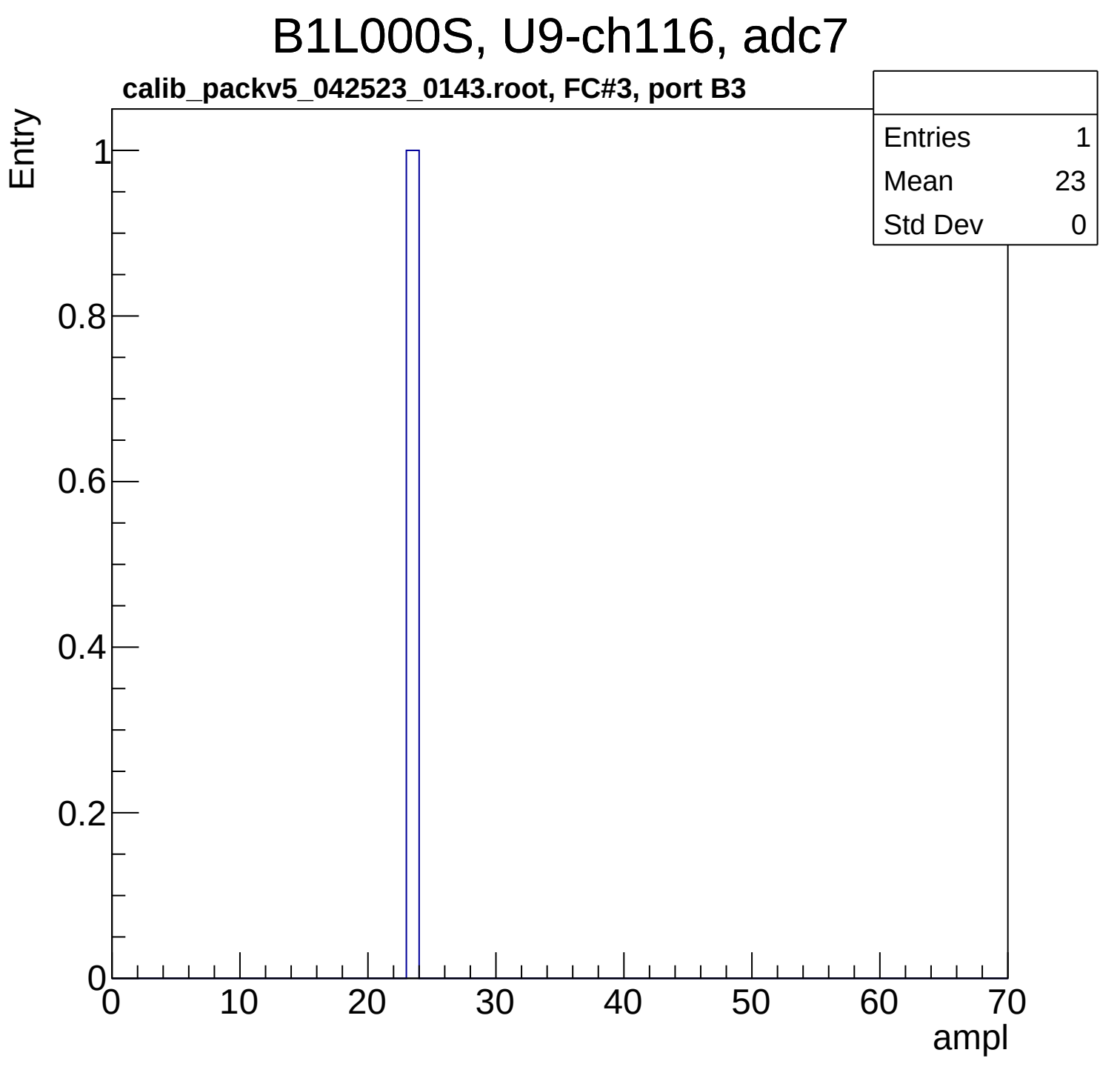
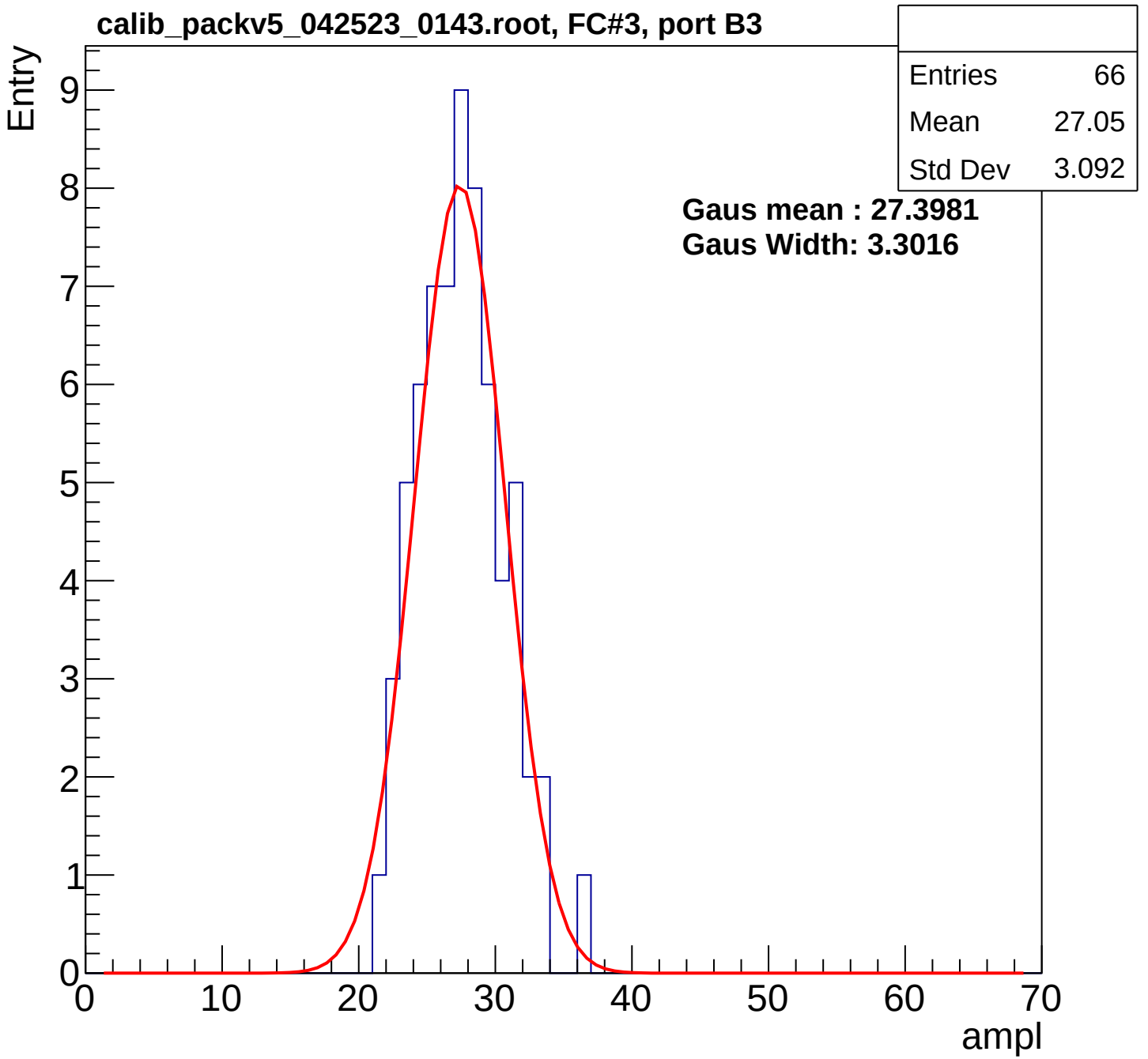
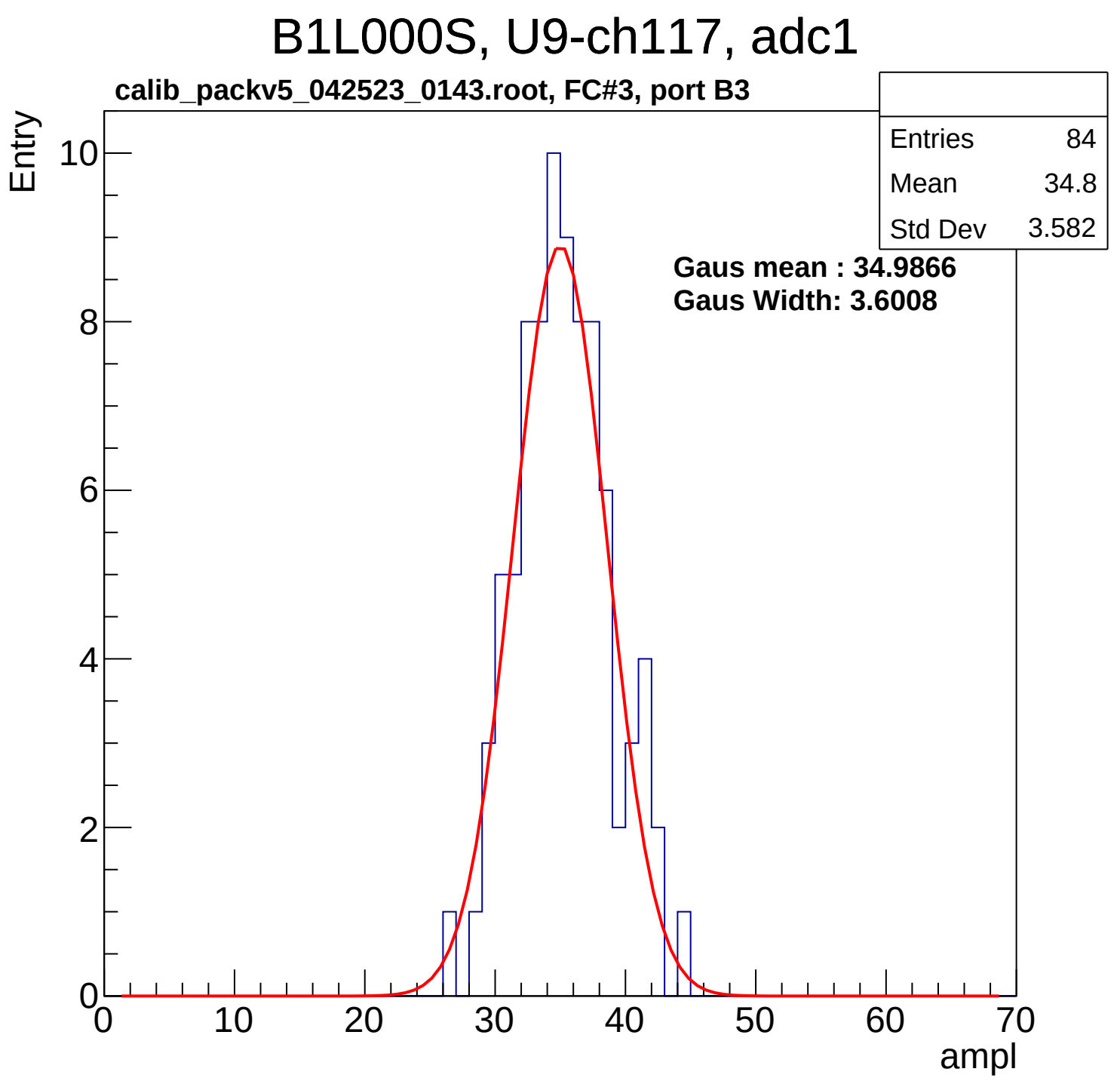
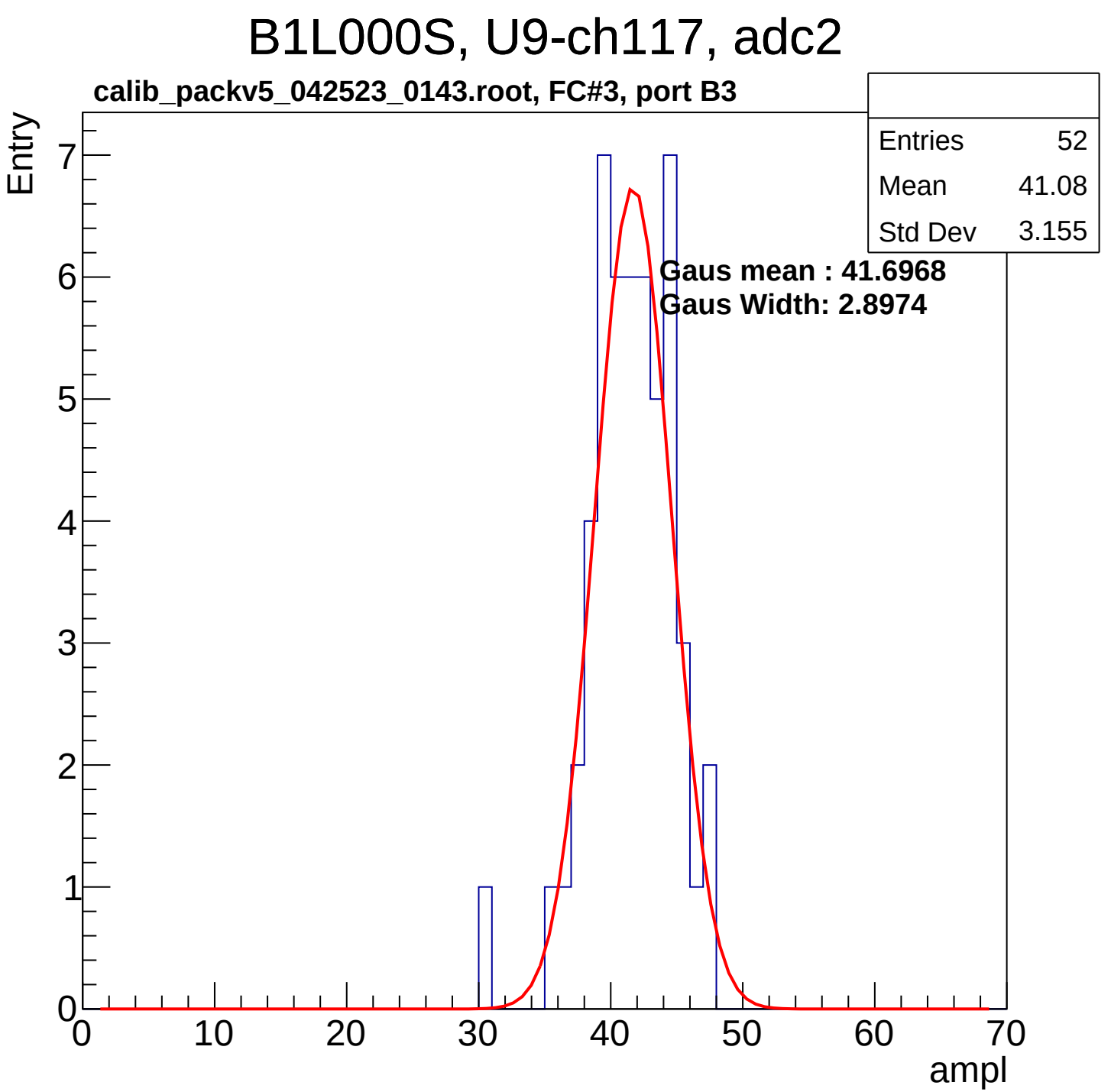

B1L000S, U9-ch116, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch117, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 27.05
Std Dev 3.092
Gaus mean : 27.3981
Gaus Width: 3.3016
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch117, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 34.8
Std Dev 3.582
Gaus mean : 34.9866
Gaus Width: 3.6008
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch117, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 41.08
Std Dev 3.155
Gaus mean : 41.6968
Gaus Width: 2.8974
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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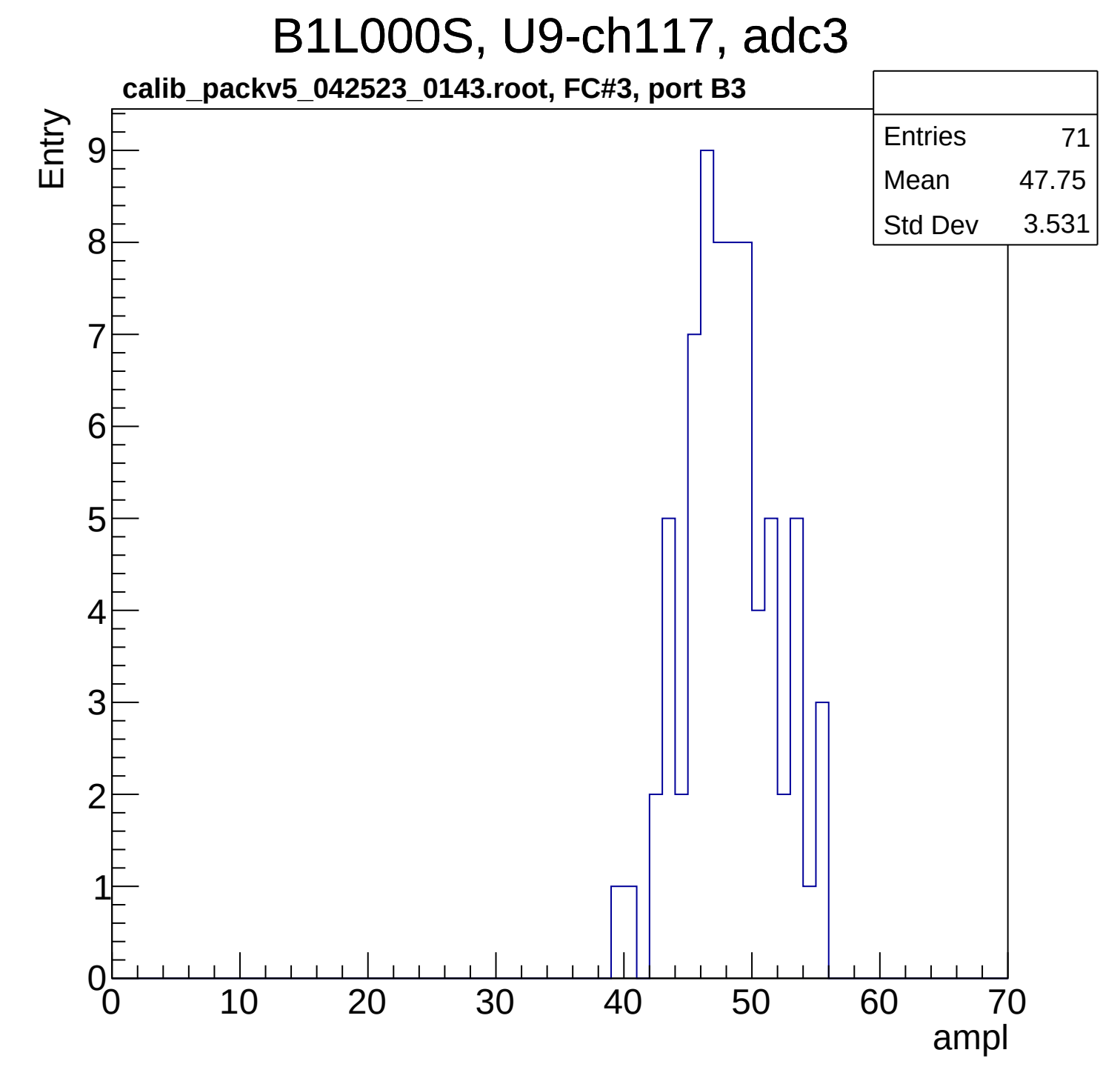
B1L000S, U9-ch117, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 47.75
Std Dev 3.531
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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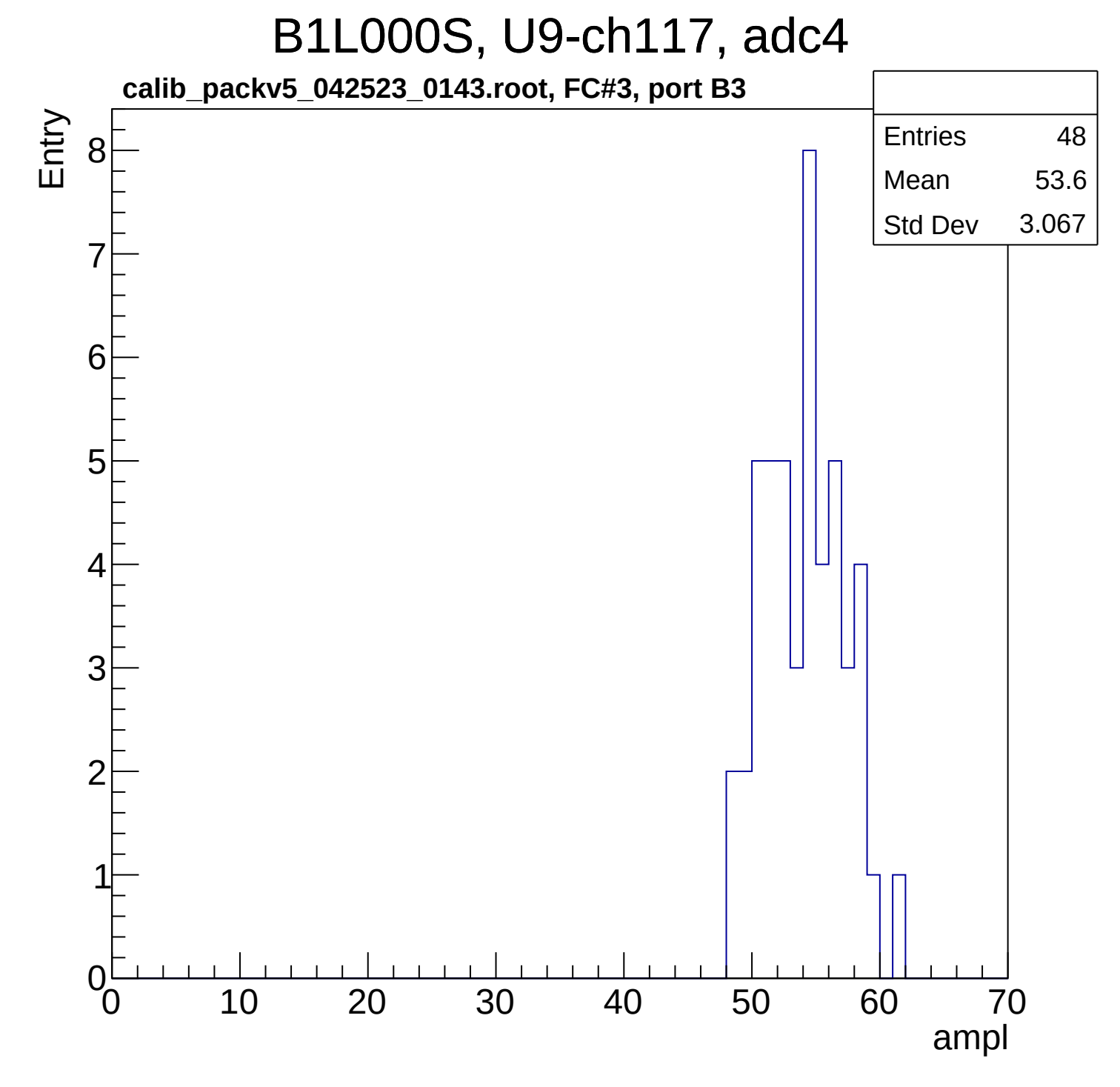
B1L000S, U9-ch117, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 53.6
Std Dev 3.067
Entry
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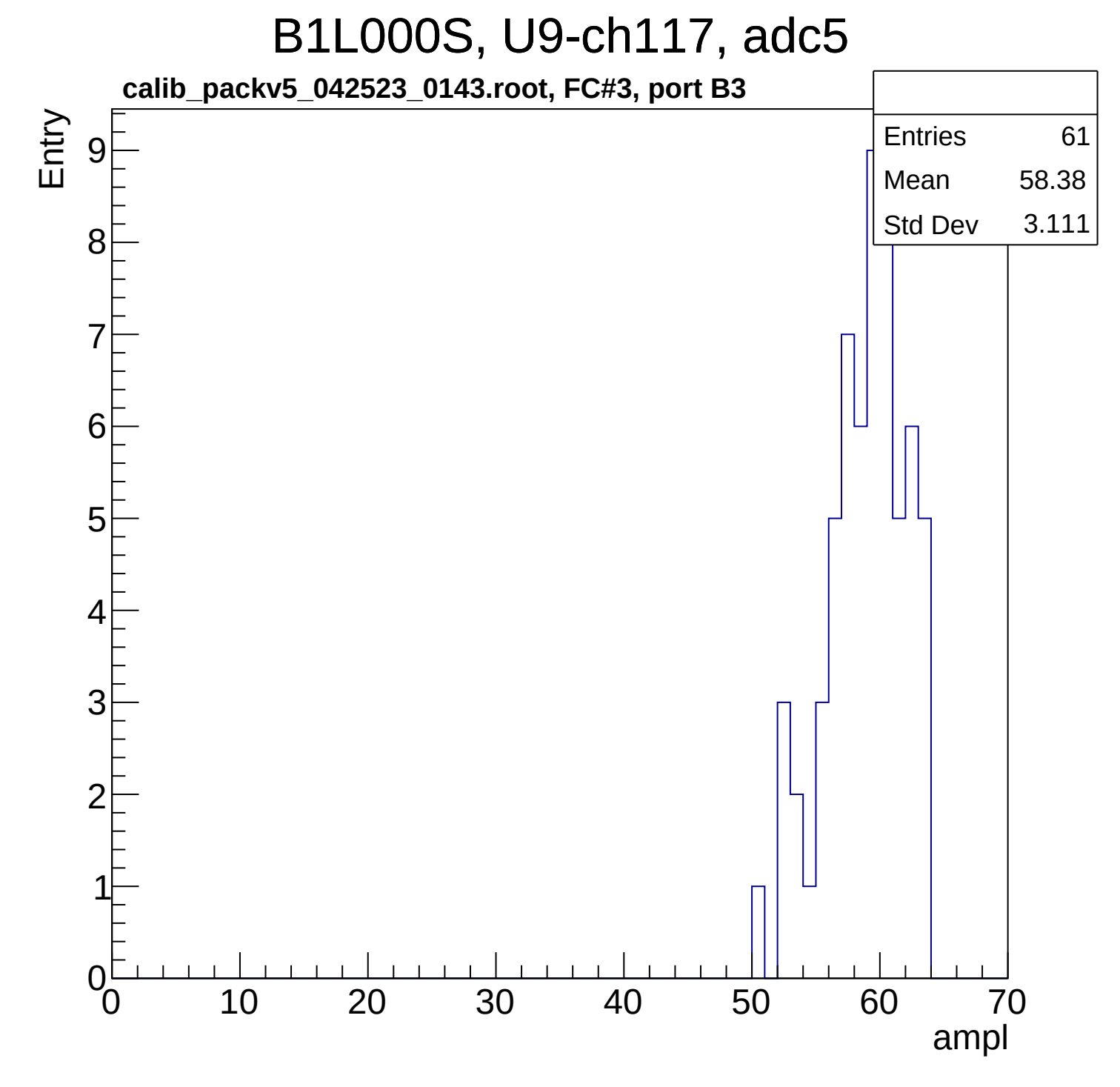
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch117, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.38
Std Dev 3.111
Entry
ampl
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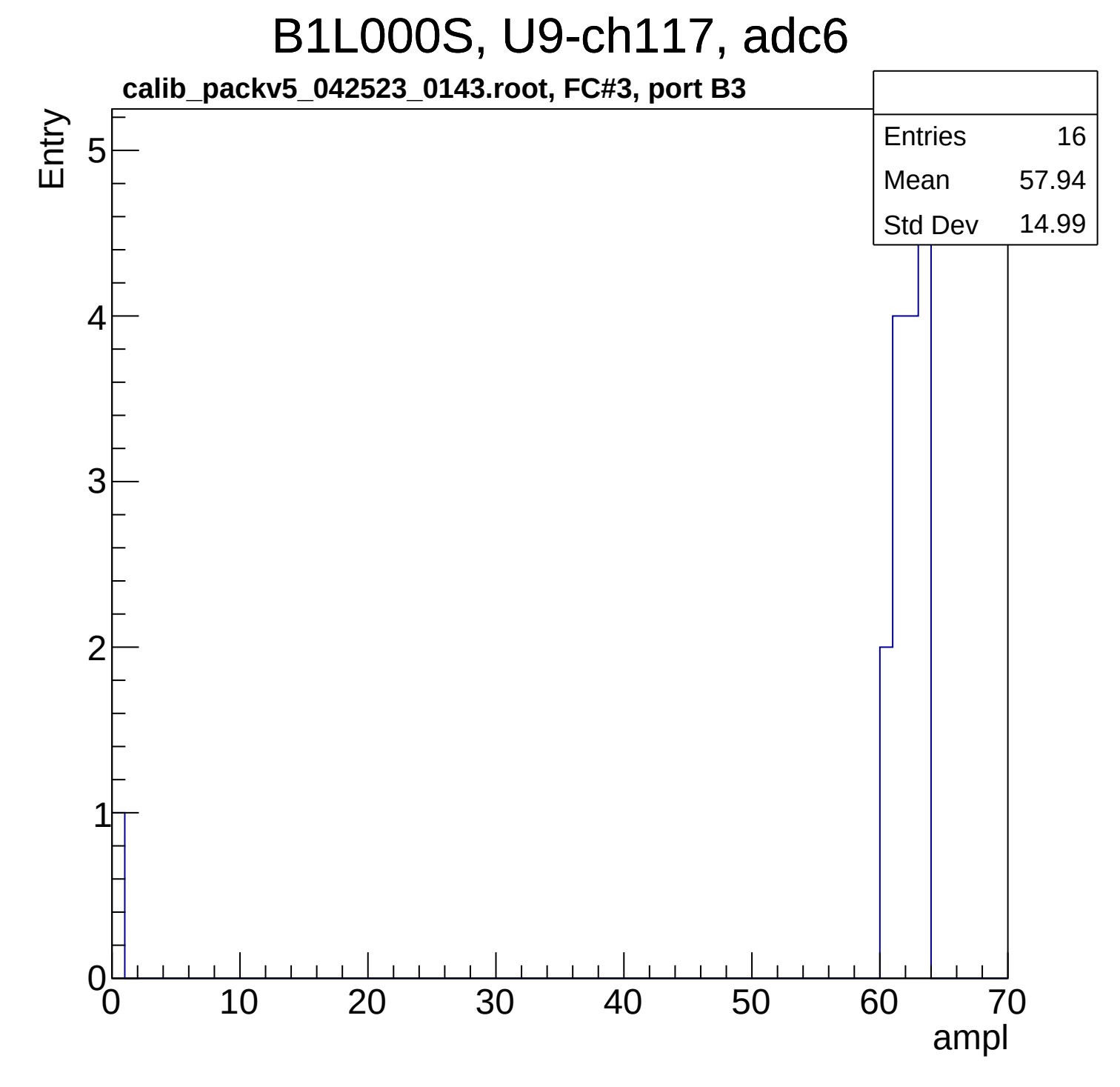
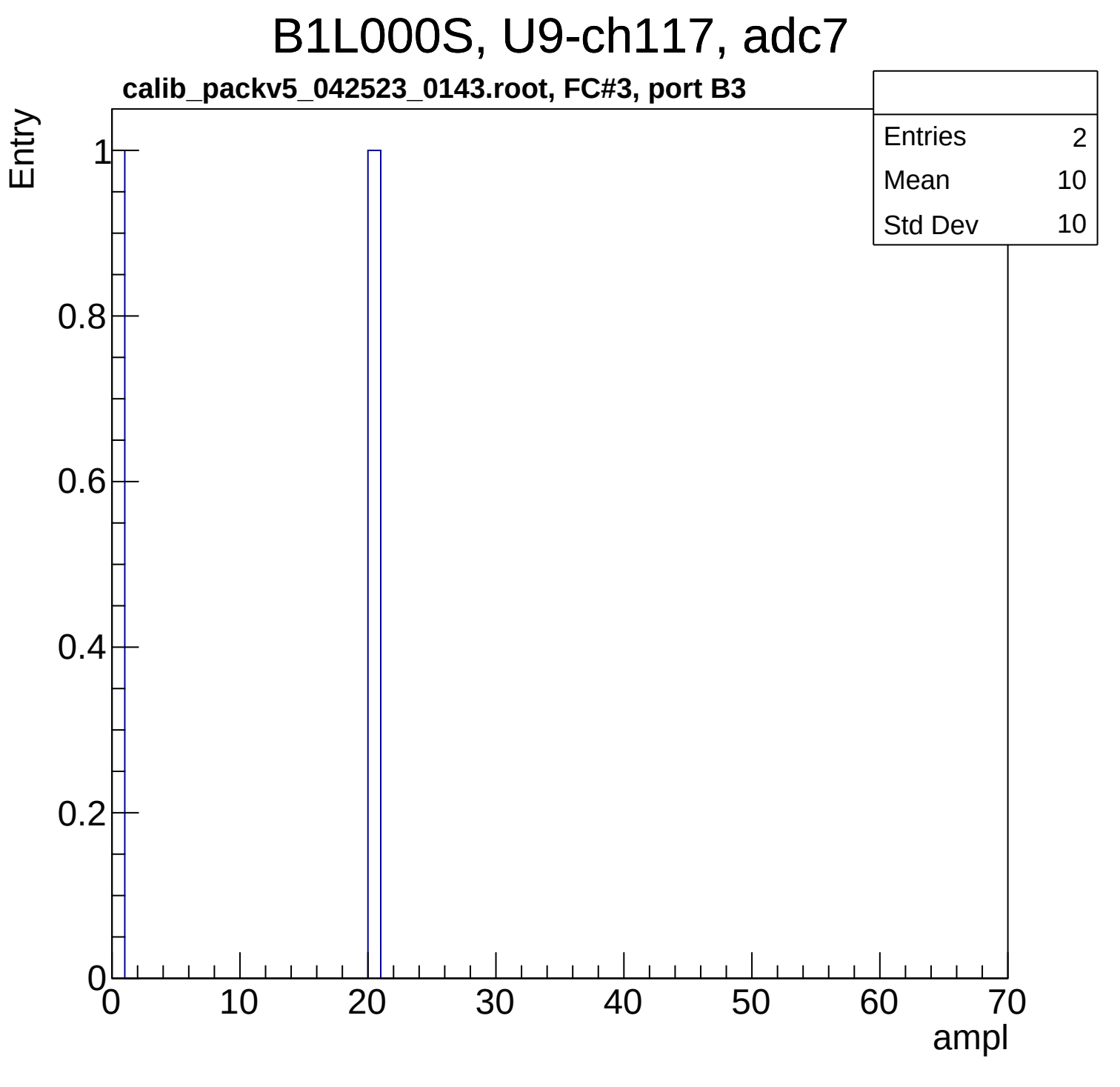
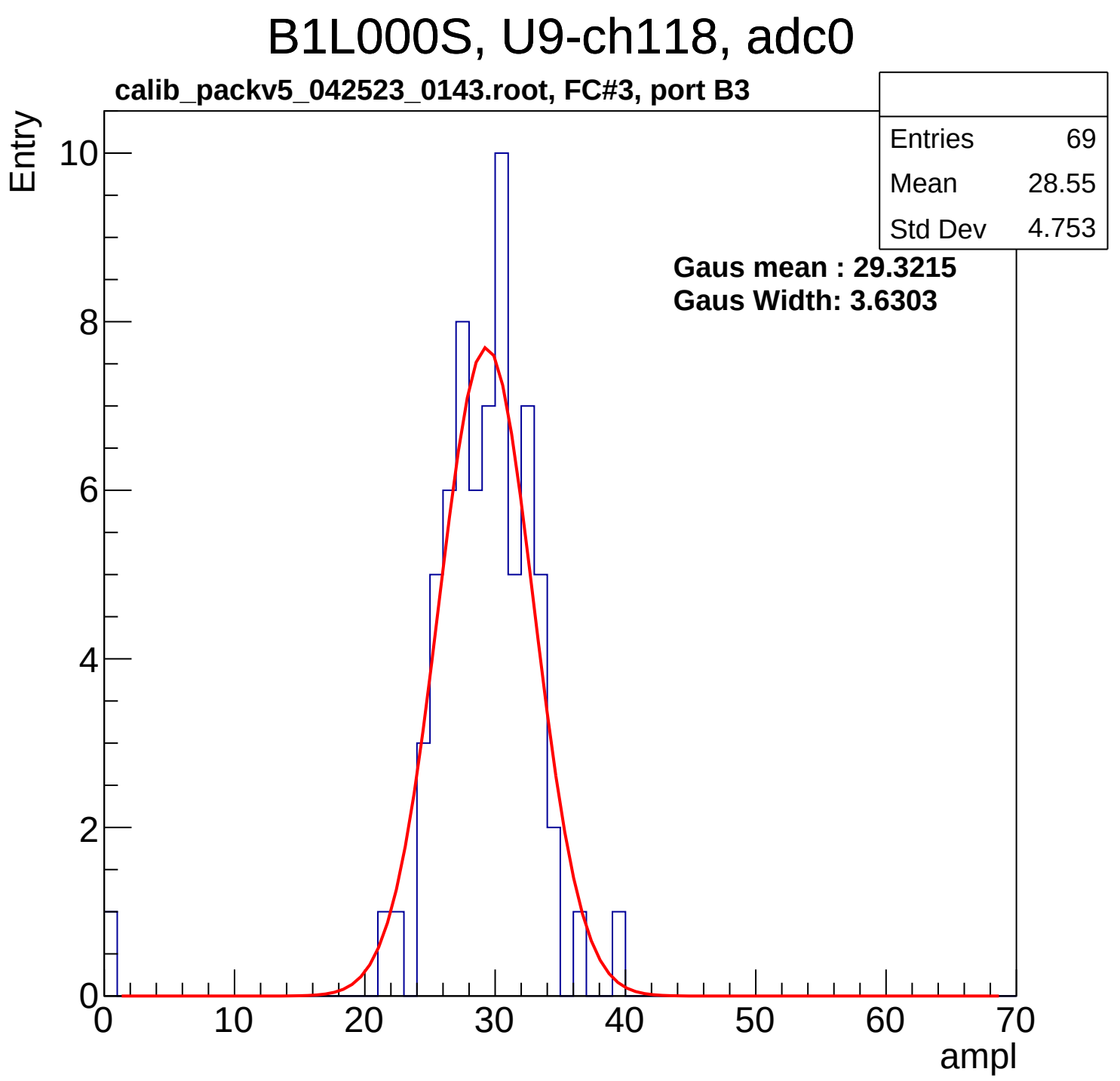
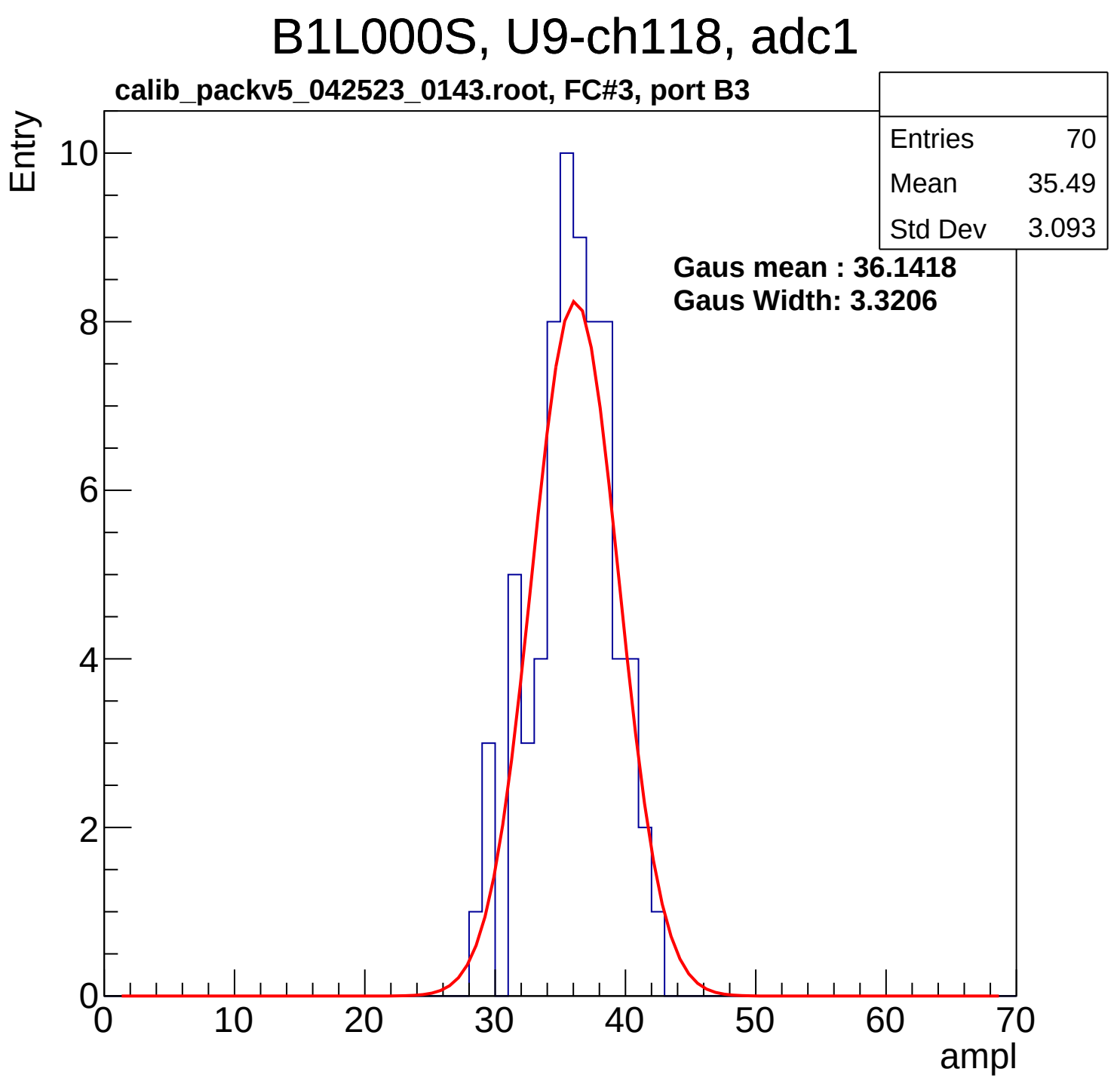
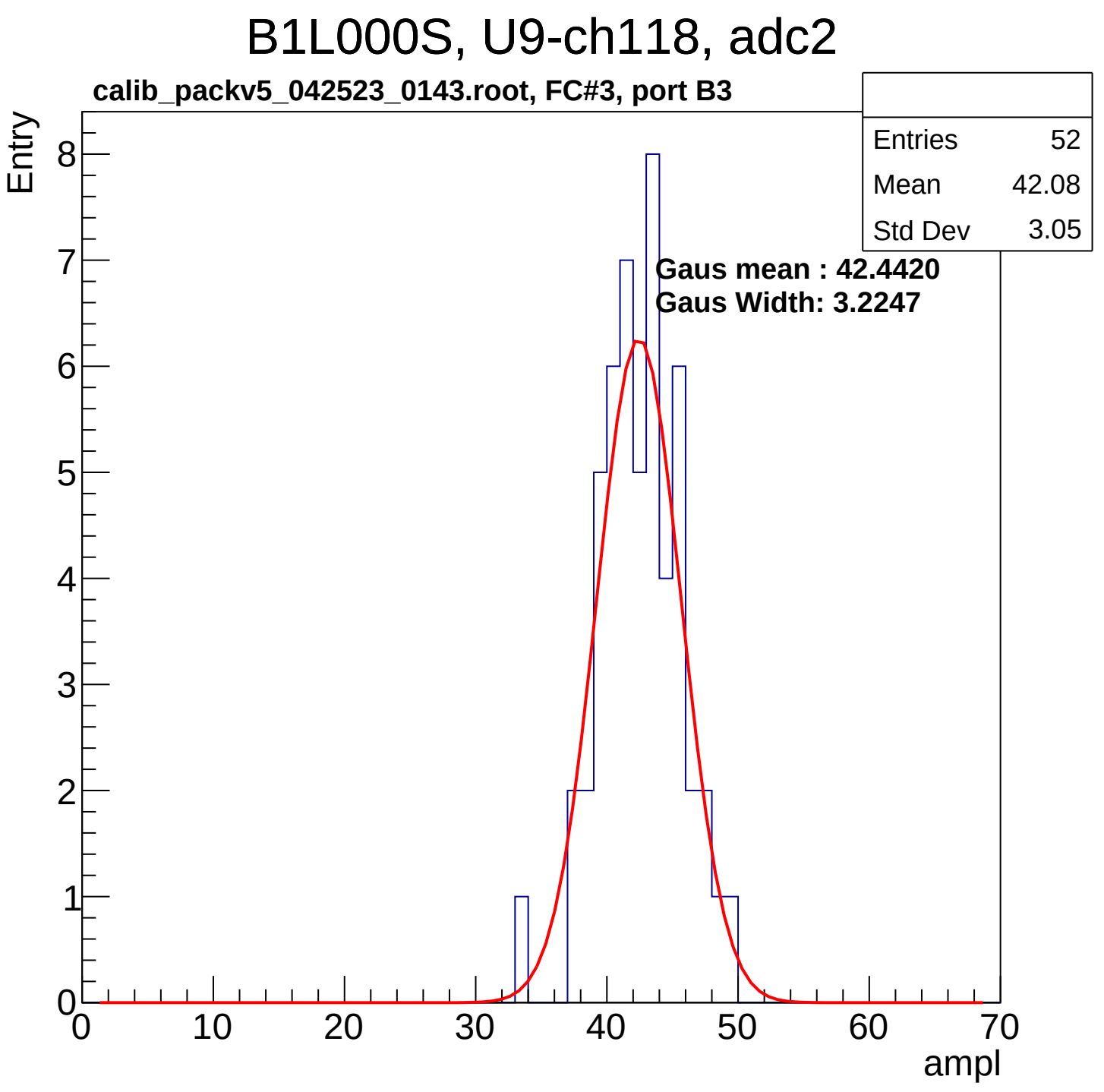
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch117, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.94
Std Dev 14.99
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch117, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch118, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.55
Std Dev 4.753
Gaus mean : 29.3215
Gaus Width: 3.6303
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch118, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.49
Std Dev 3.093
Gaus mean : 36.1418
Gaus Width: 3.3206
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch118, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 42.08
Std Dev 3.05
Gaus mean : 42.4420
Gaus Width: 3.2247
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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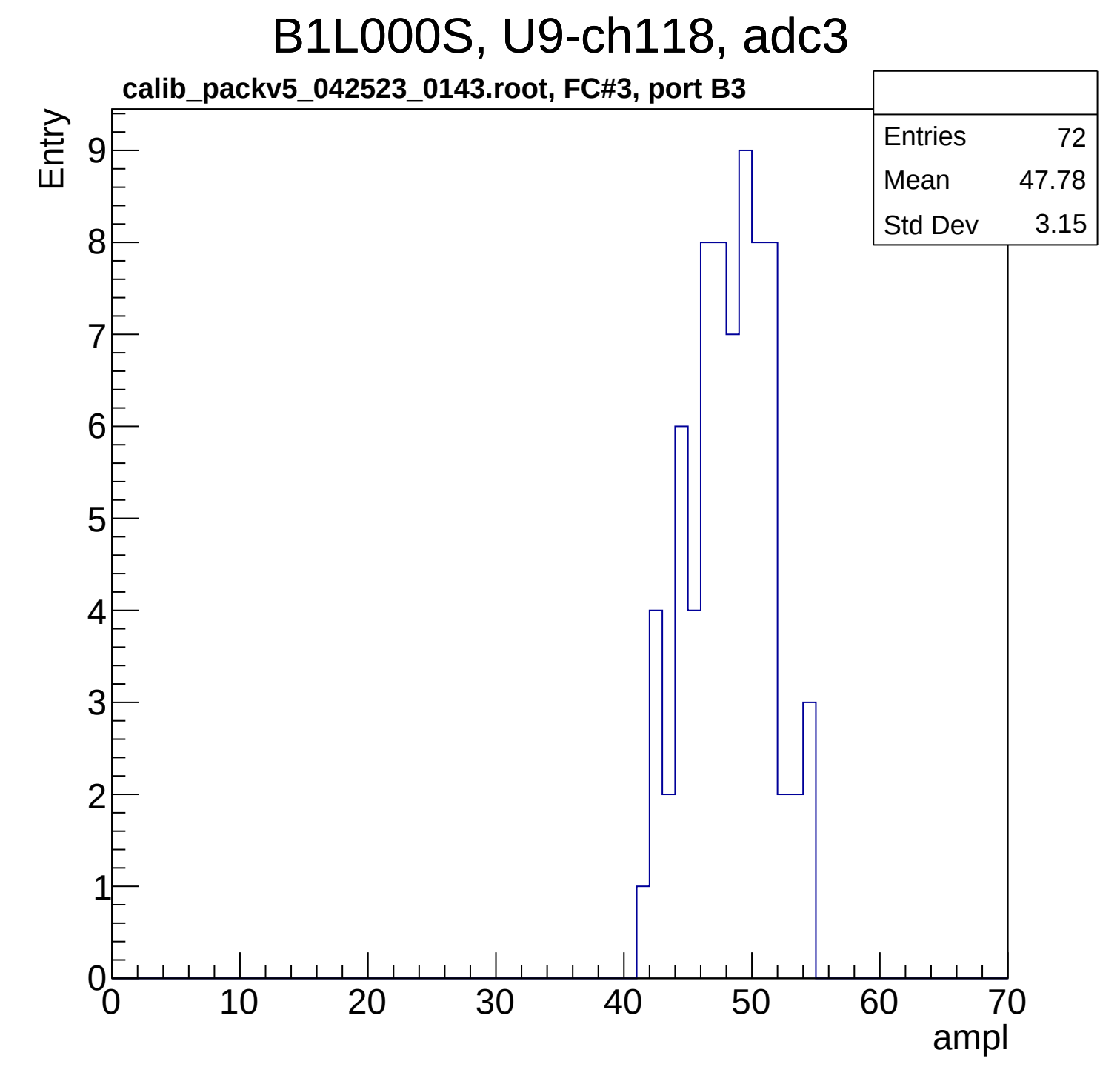
B1L000S, U9-ch118, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 47.78
Std Dev 3.15
Entry
ampl
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3
4
5
6
7
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9
0
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60
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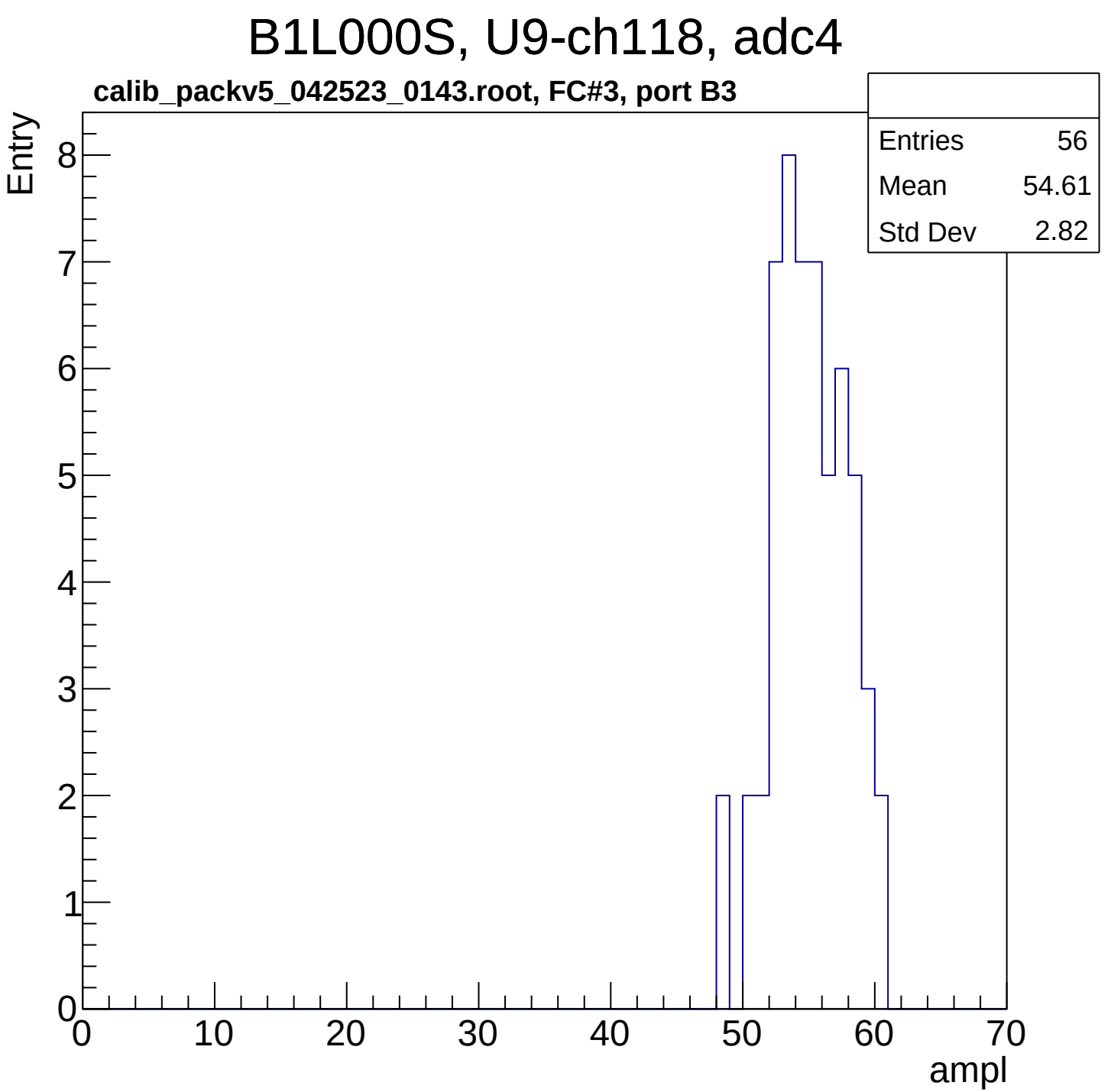
B1L000S, U9-ch118, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.61
Std Dev 2.82
Entry
ampl
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2
3
4
5
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7
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0
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20
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40
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60
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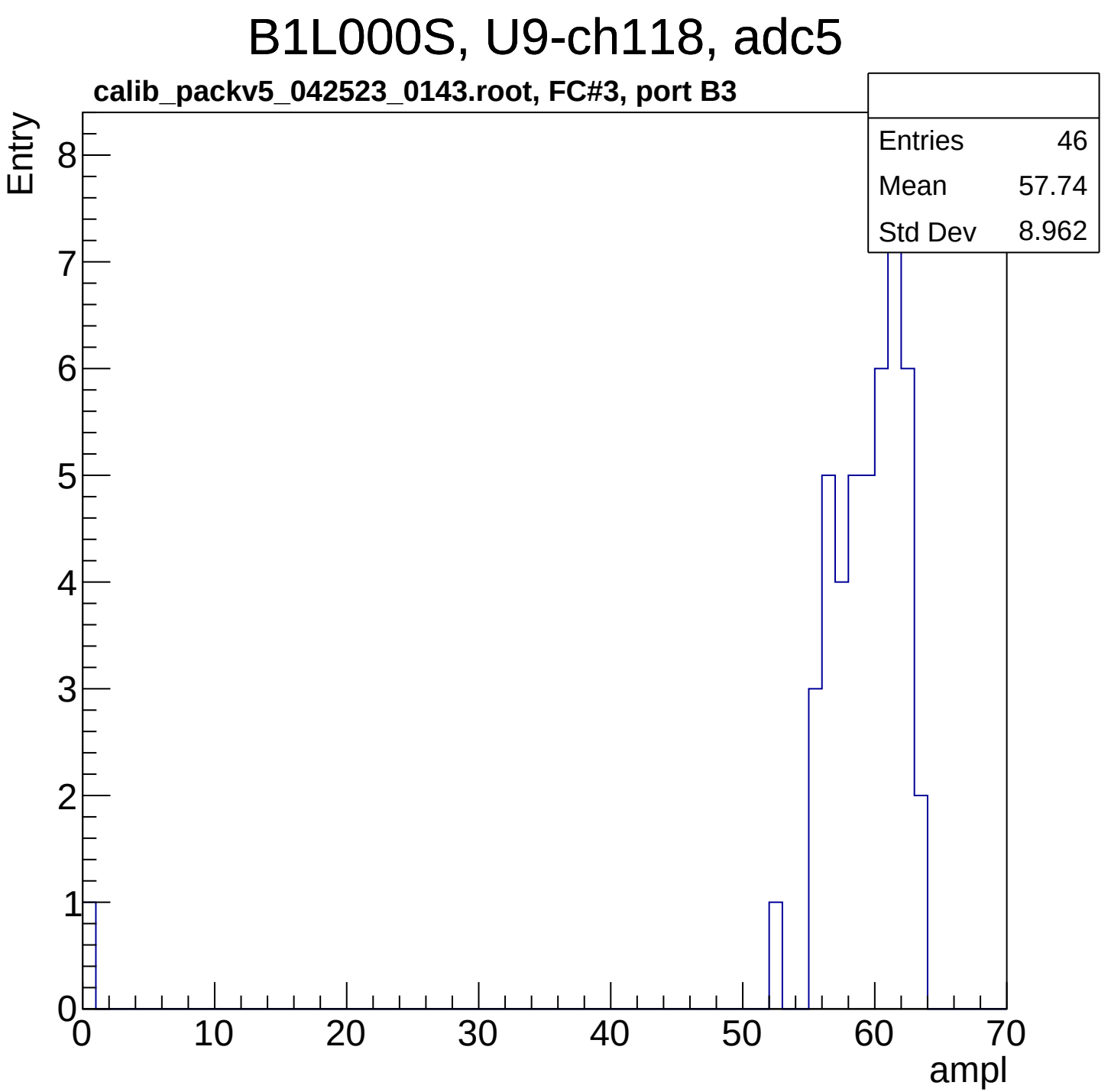
B1L000S, U9-ch118, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 57.74
Std Dev 8.962
Entry
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2
3
4
5
6
7
8
0
10
20
30
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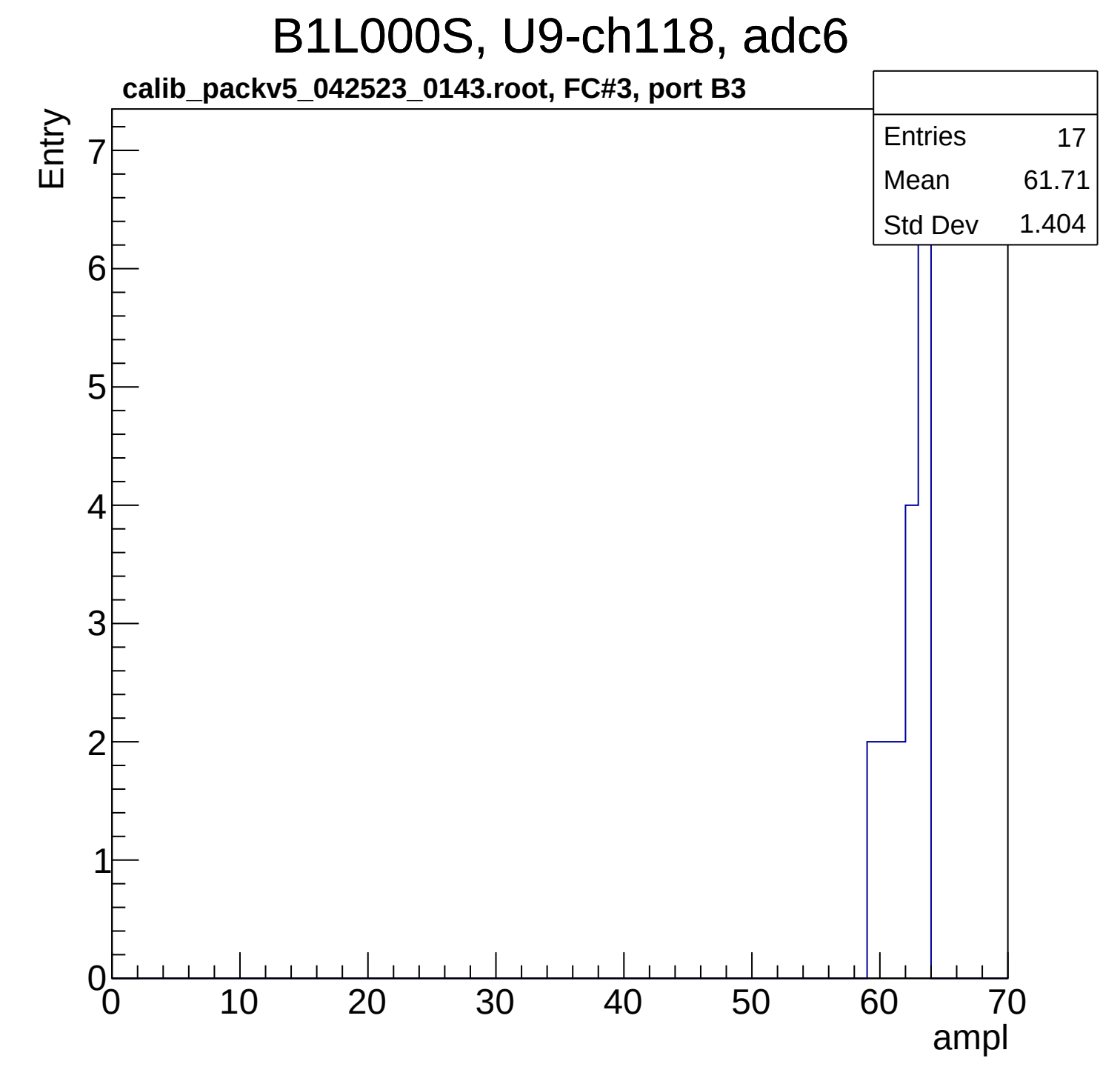
50
60
70
ampl


B1L000S, U9-ch118, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.71
Std Dev 1.404
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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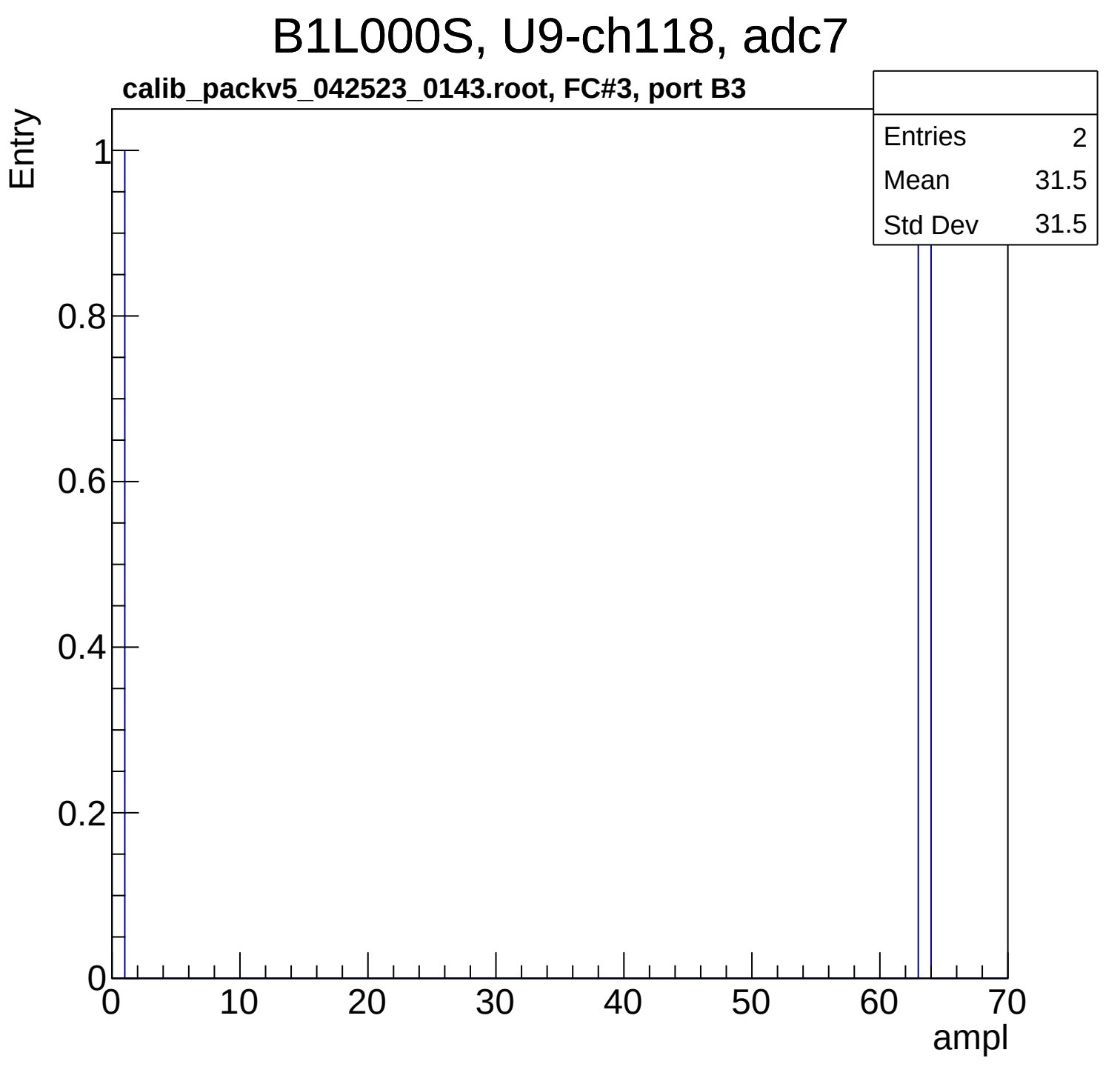
B1L000S, U9-ch118, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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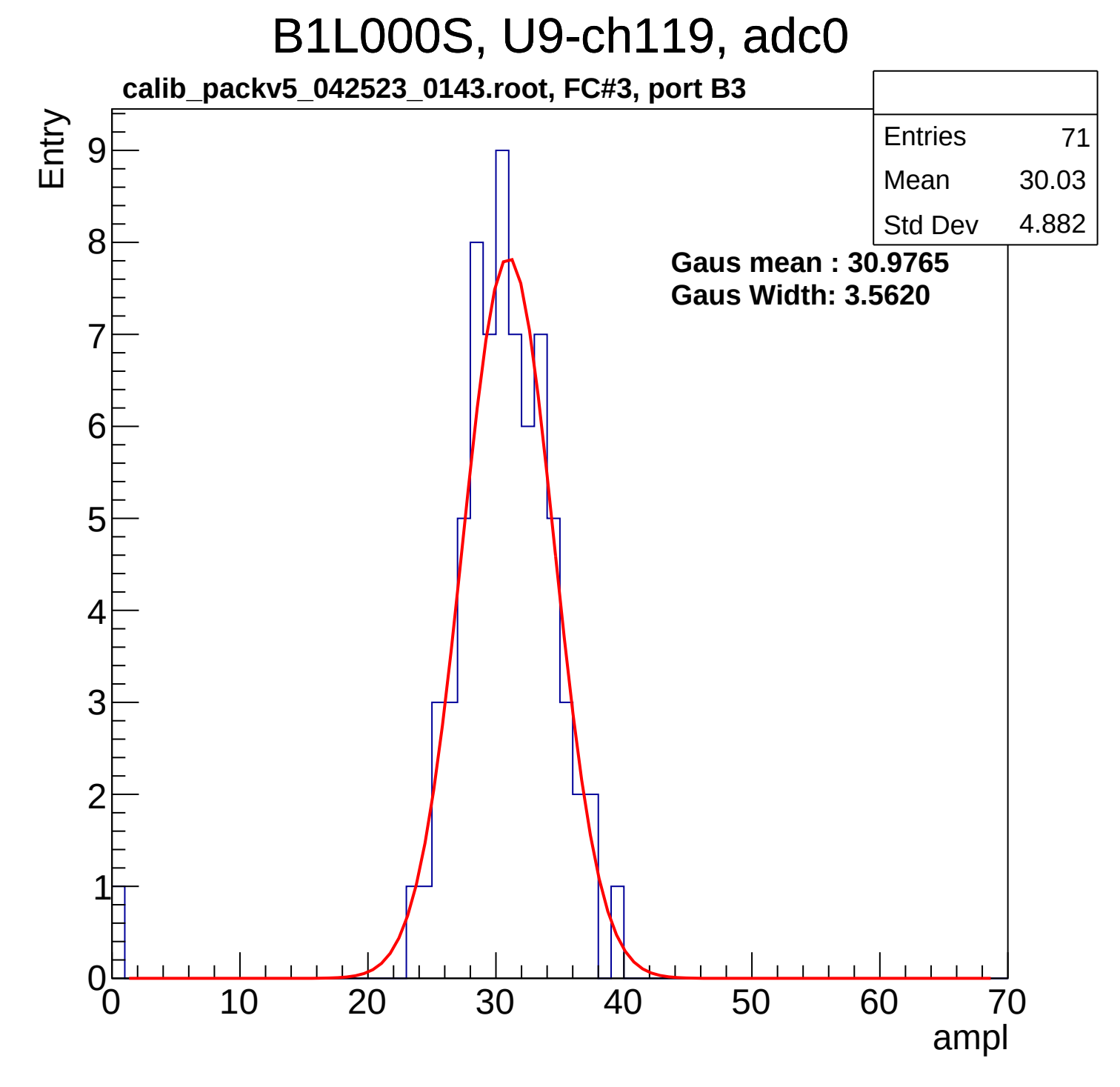
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch119, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 30.03
Std Dev 4.882
Gaus mean : 30.9765
Gaus Width: 3.5620
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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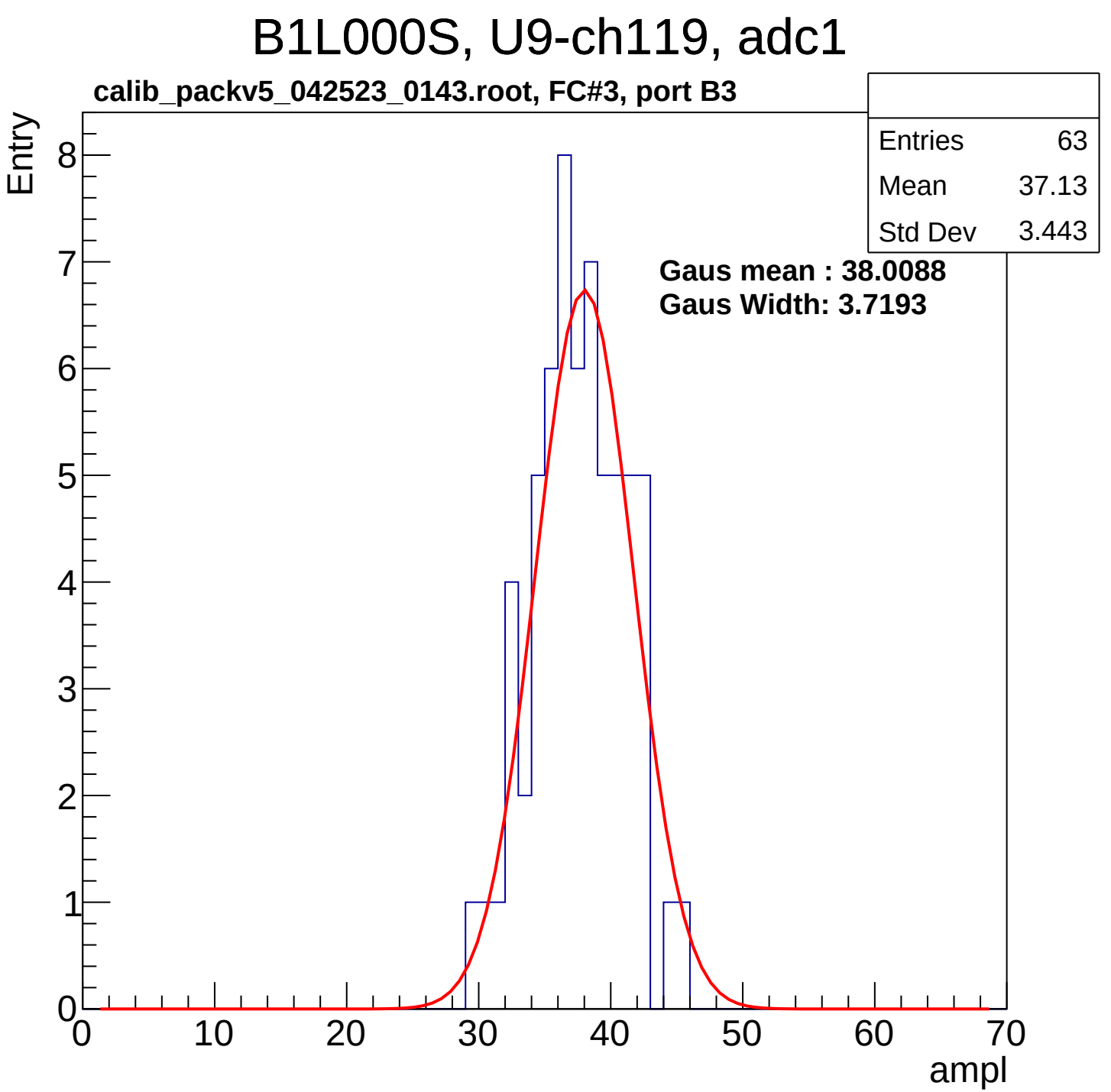
B1L000S, U9-ch119, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 37.13
Std Dev 3.443
Gaus mean : 38.0088
Gaus Width: 3.7193
Entry
ampl
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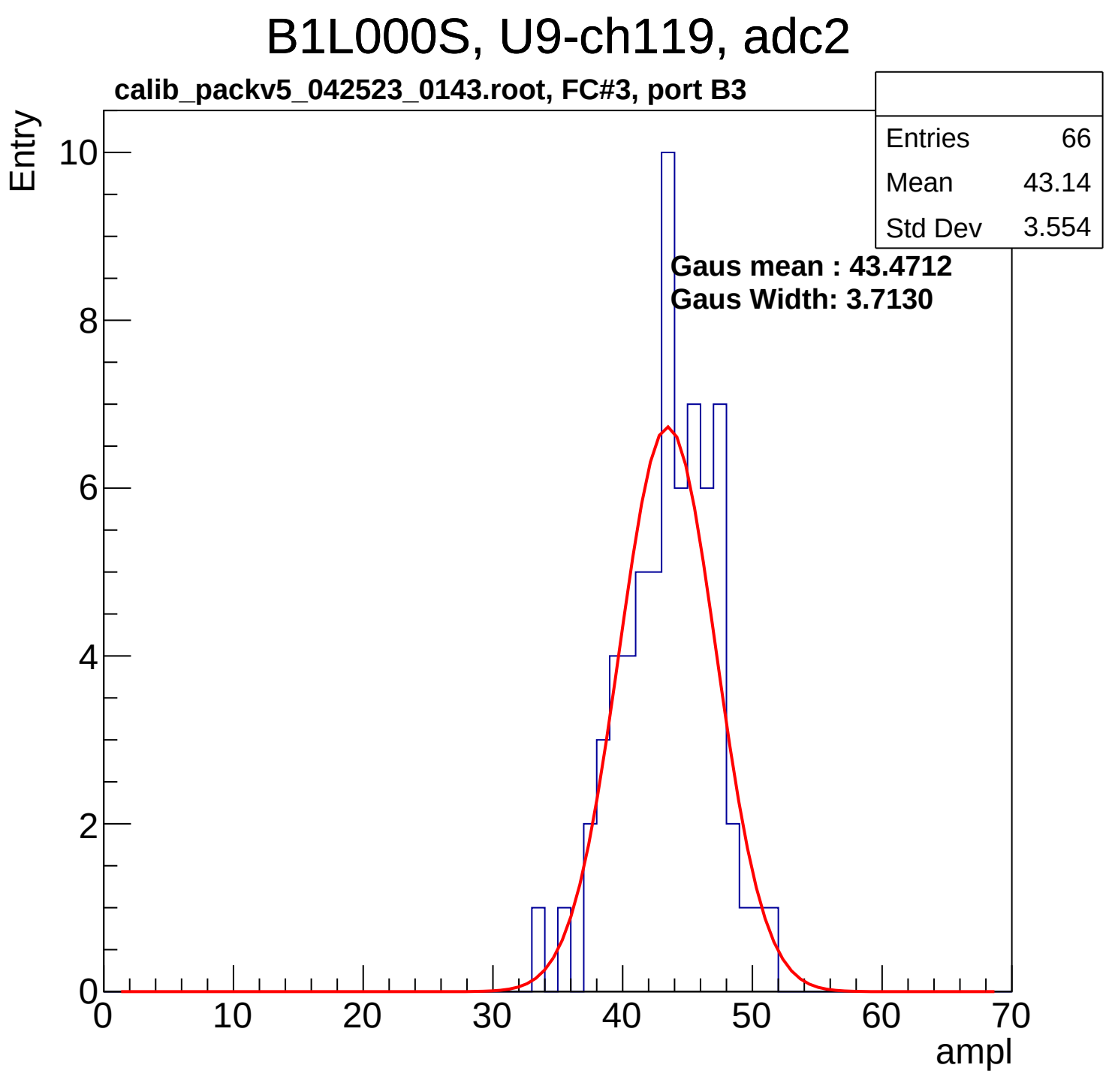
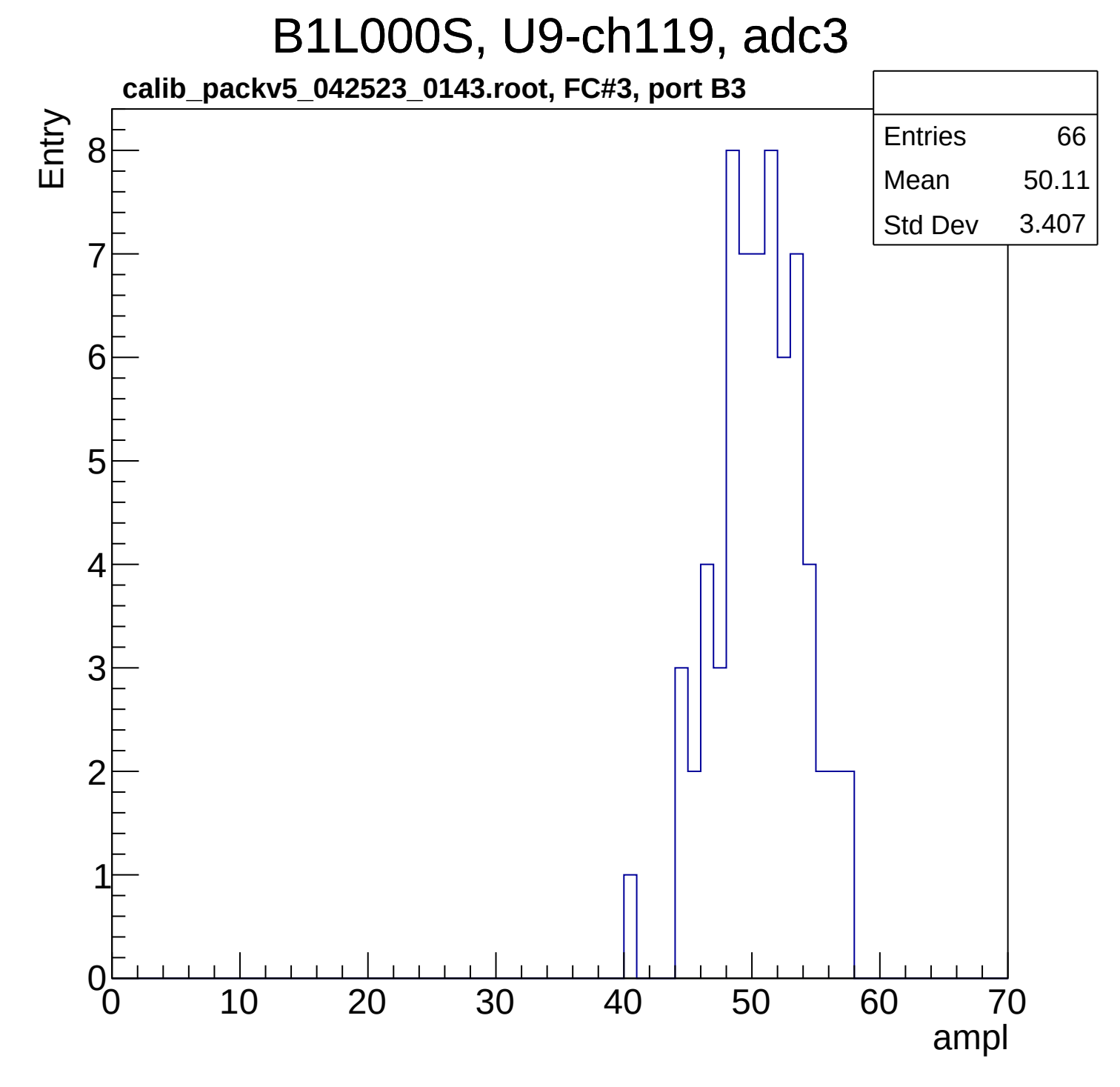
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch119, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.14
Std Dev 3.554
Gaus mean : 43.4712
Gaus Width: 3.7130
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch119, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 50.11
Std Dev 3.407
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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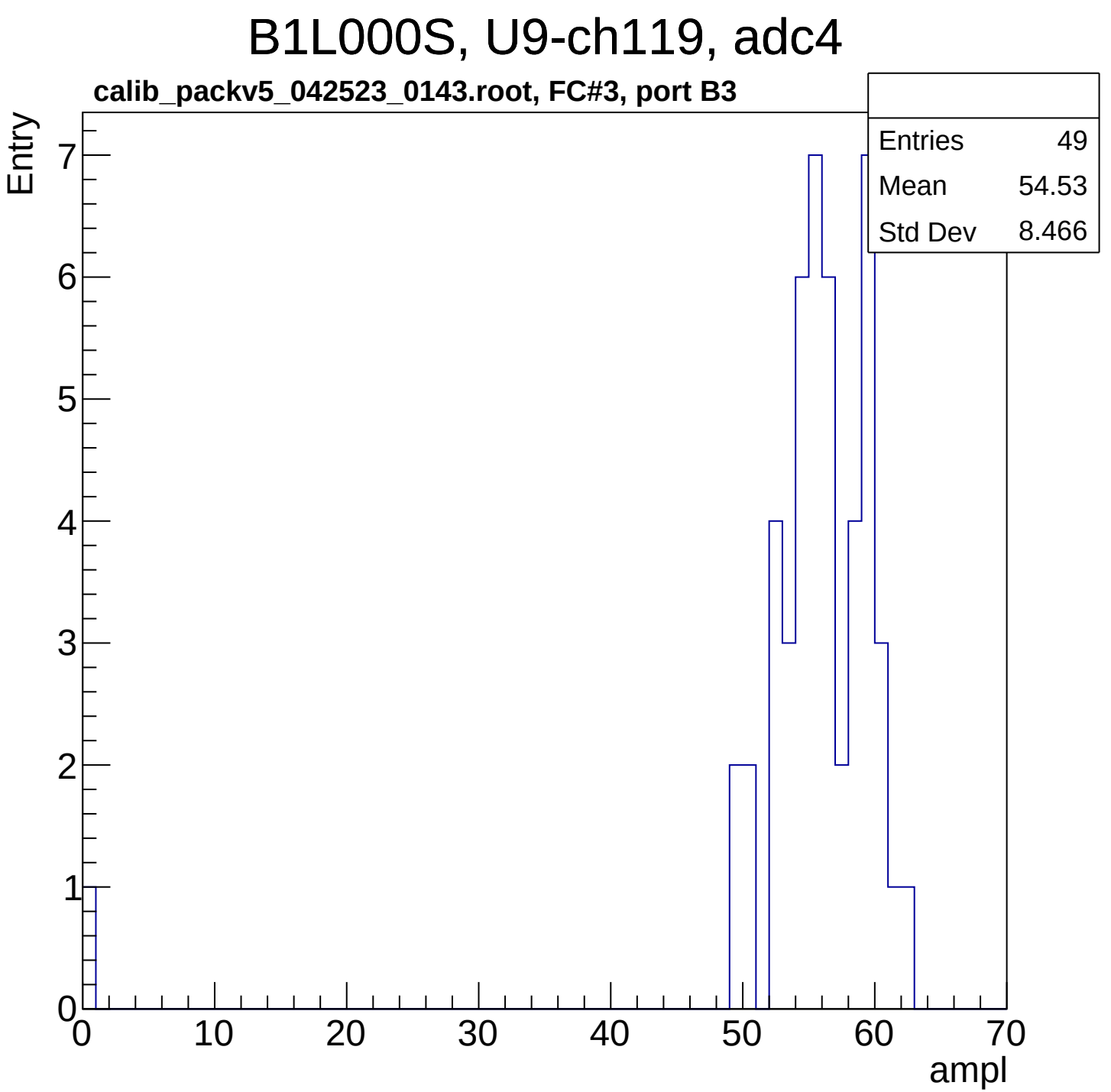
B1L000S, U9-ch119, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.53
Std Dev 8.466
Entry
ampl
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3
4
5
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0
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60
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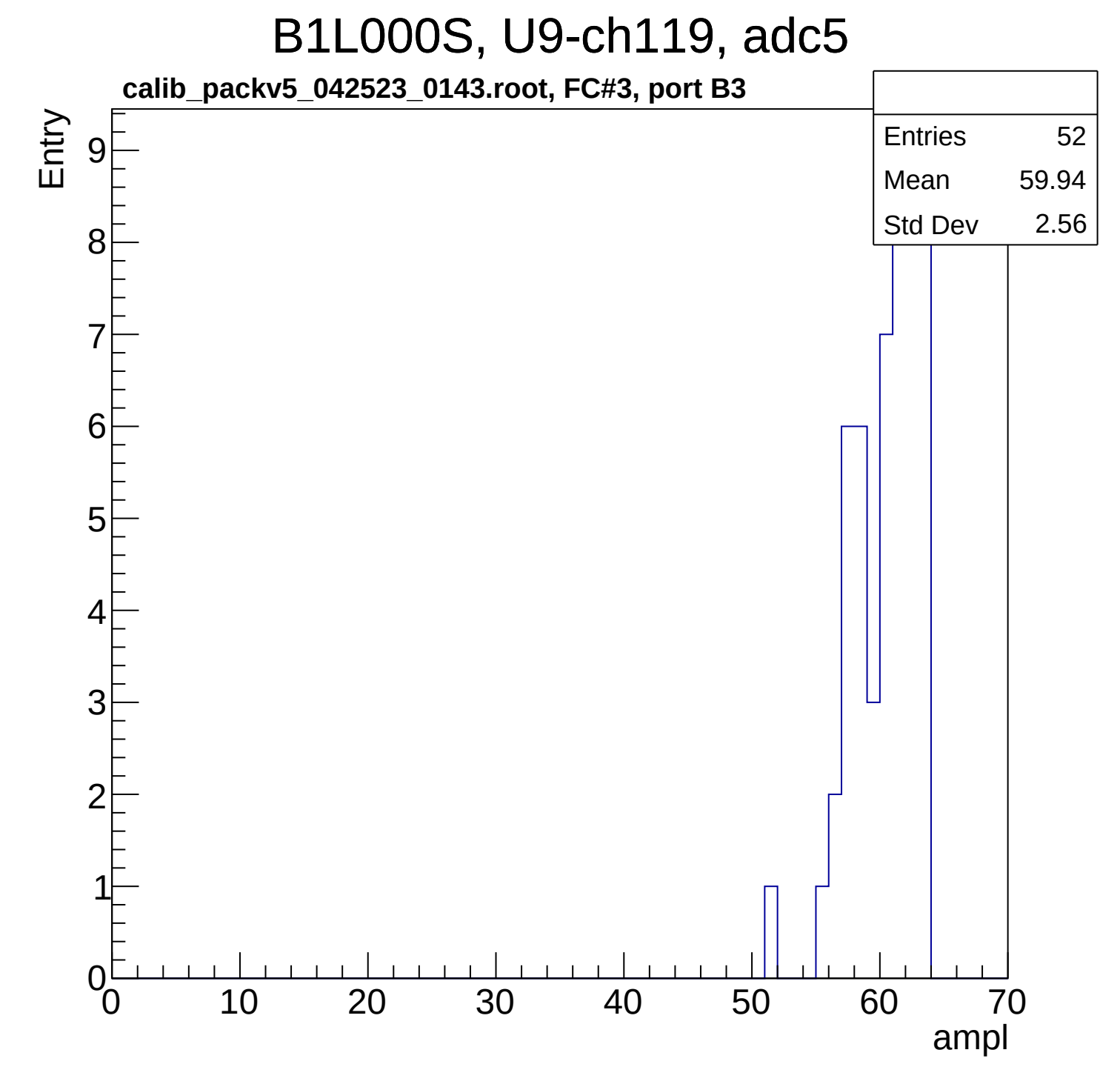
B1L000S, U9-ch119, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.94
Std Dev 2.56
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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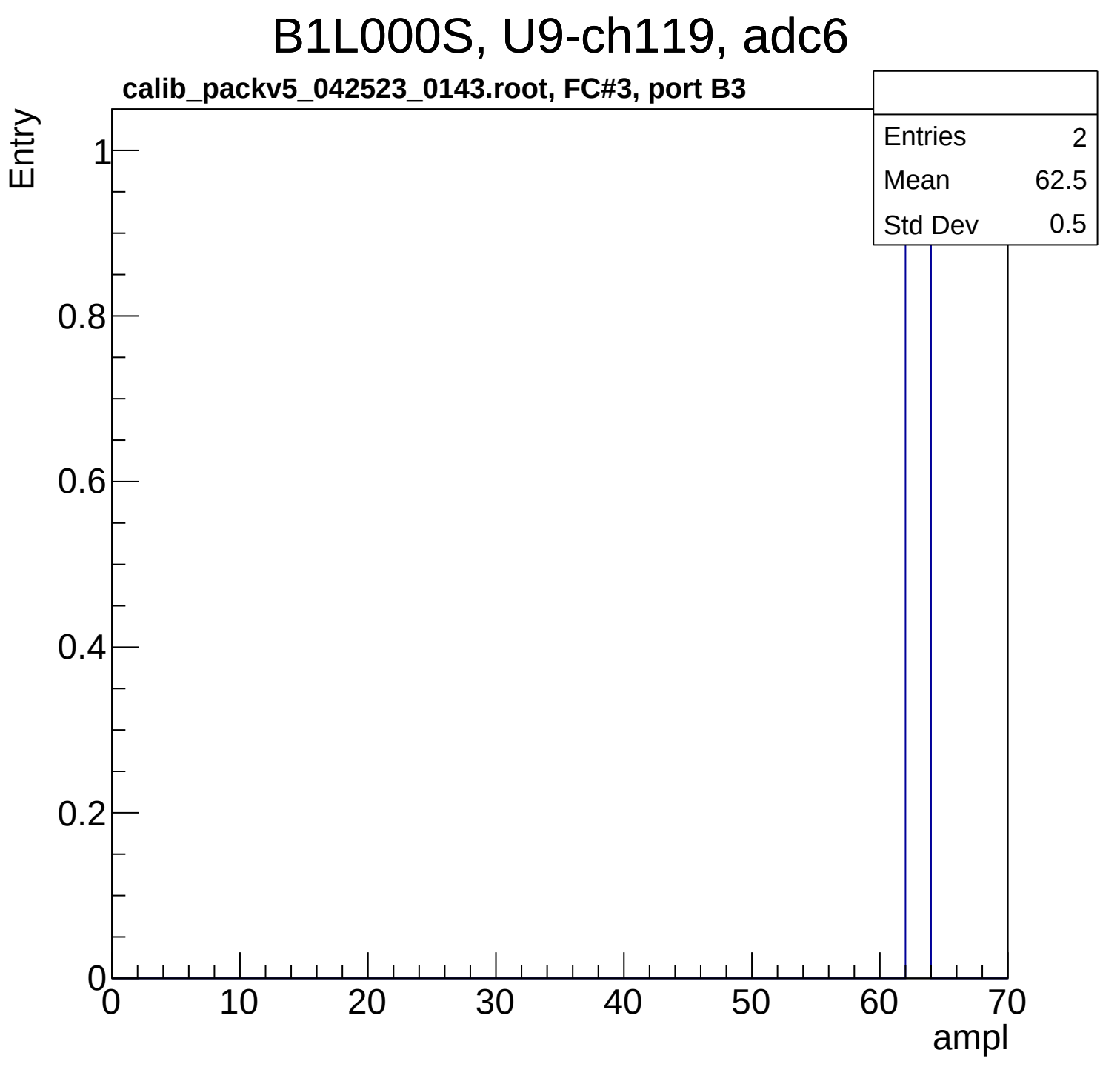
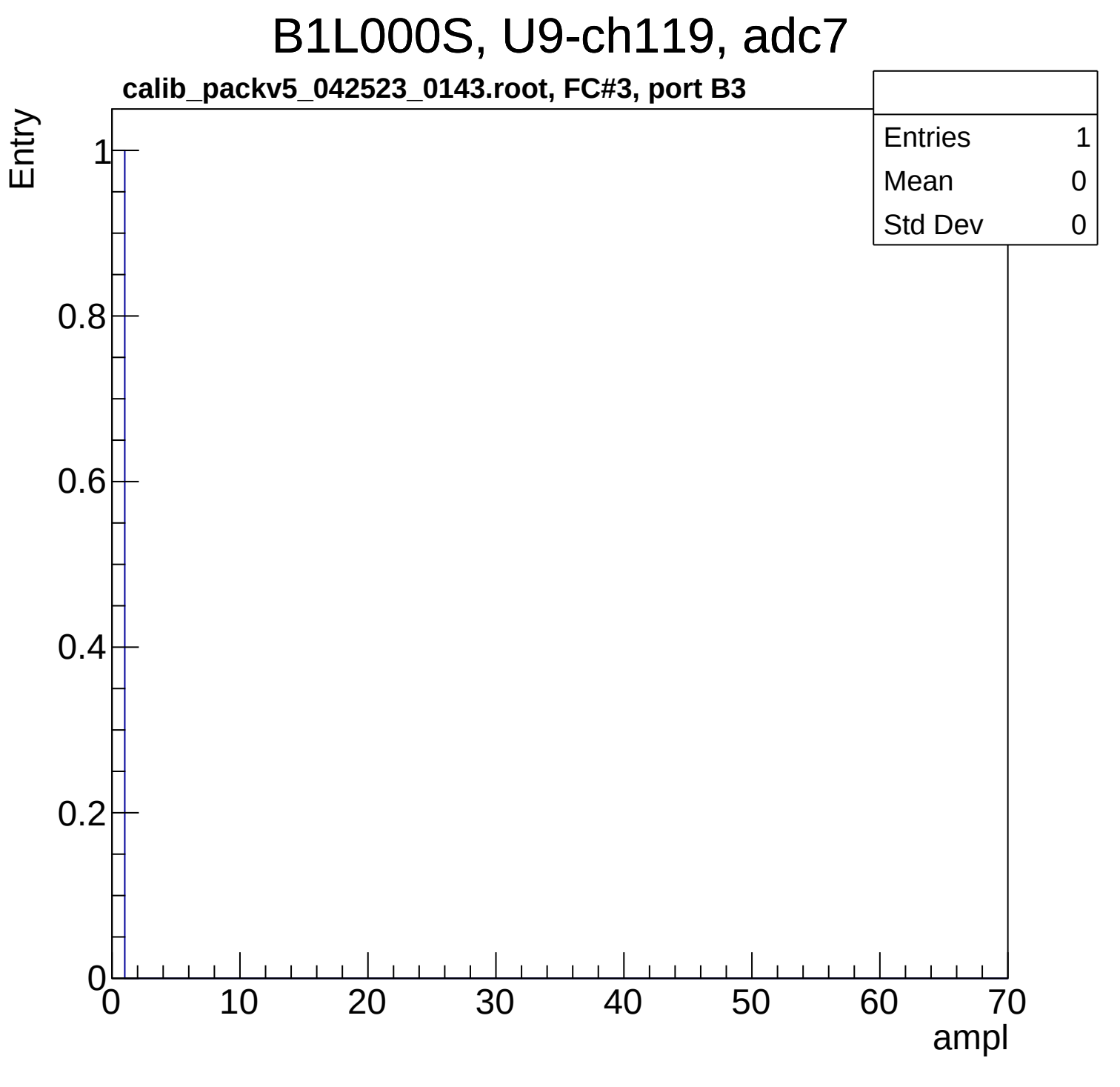
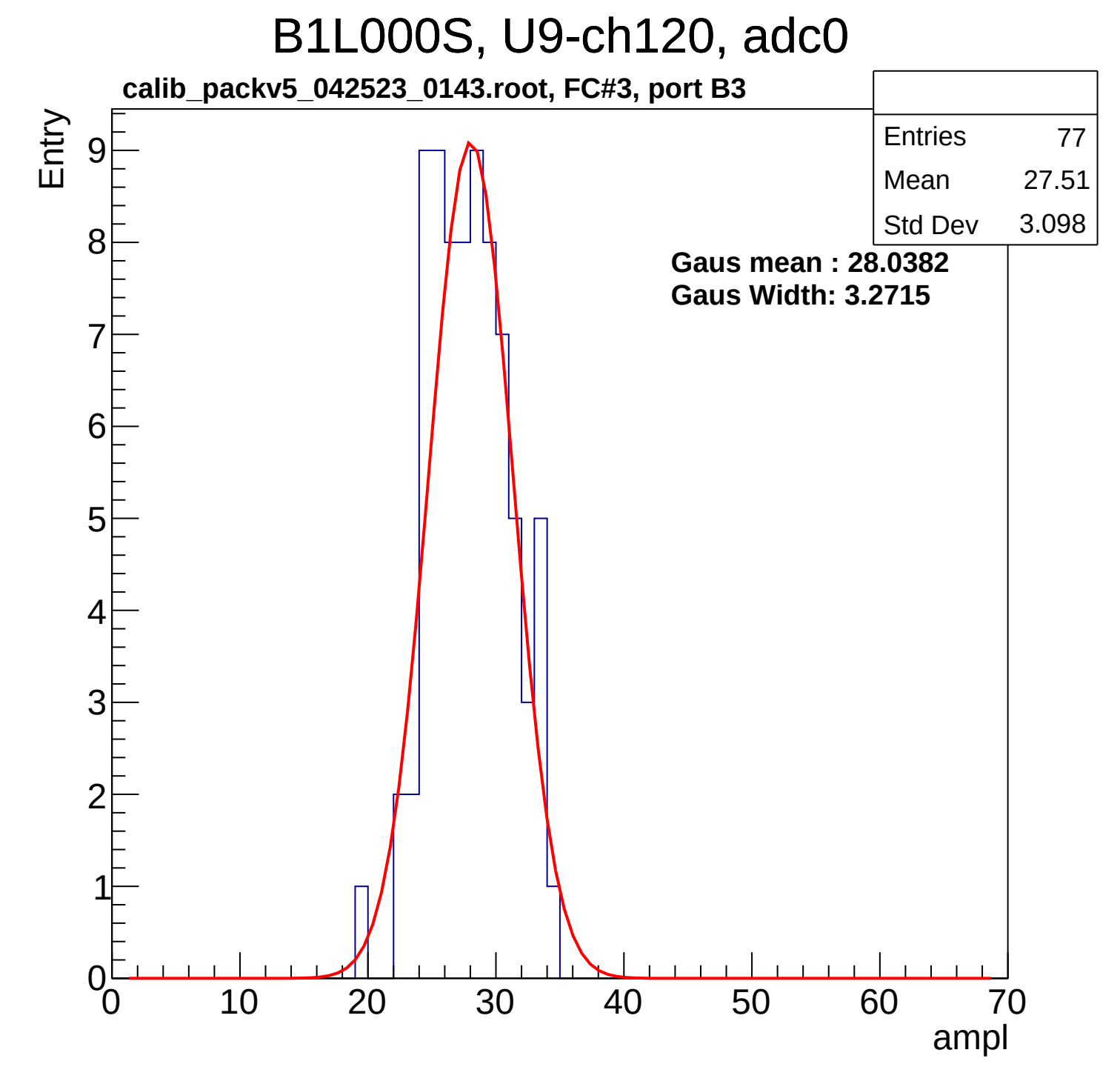
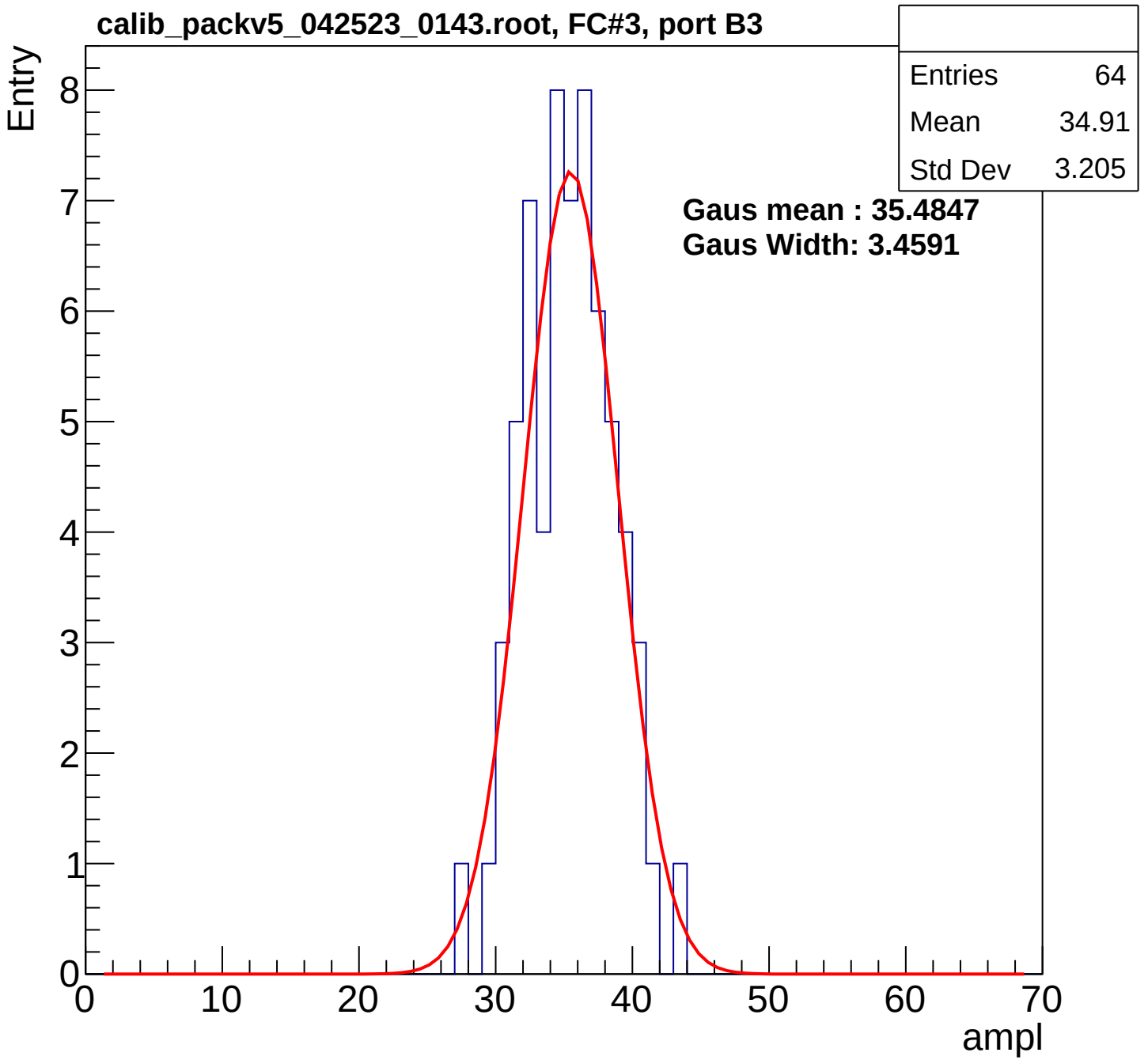
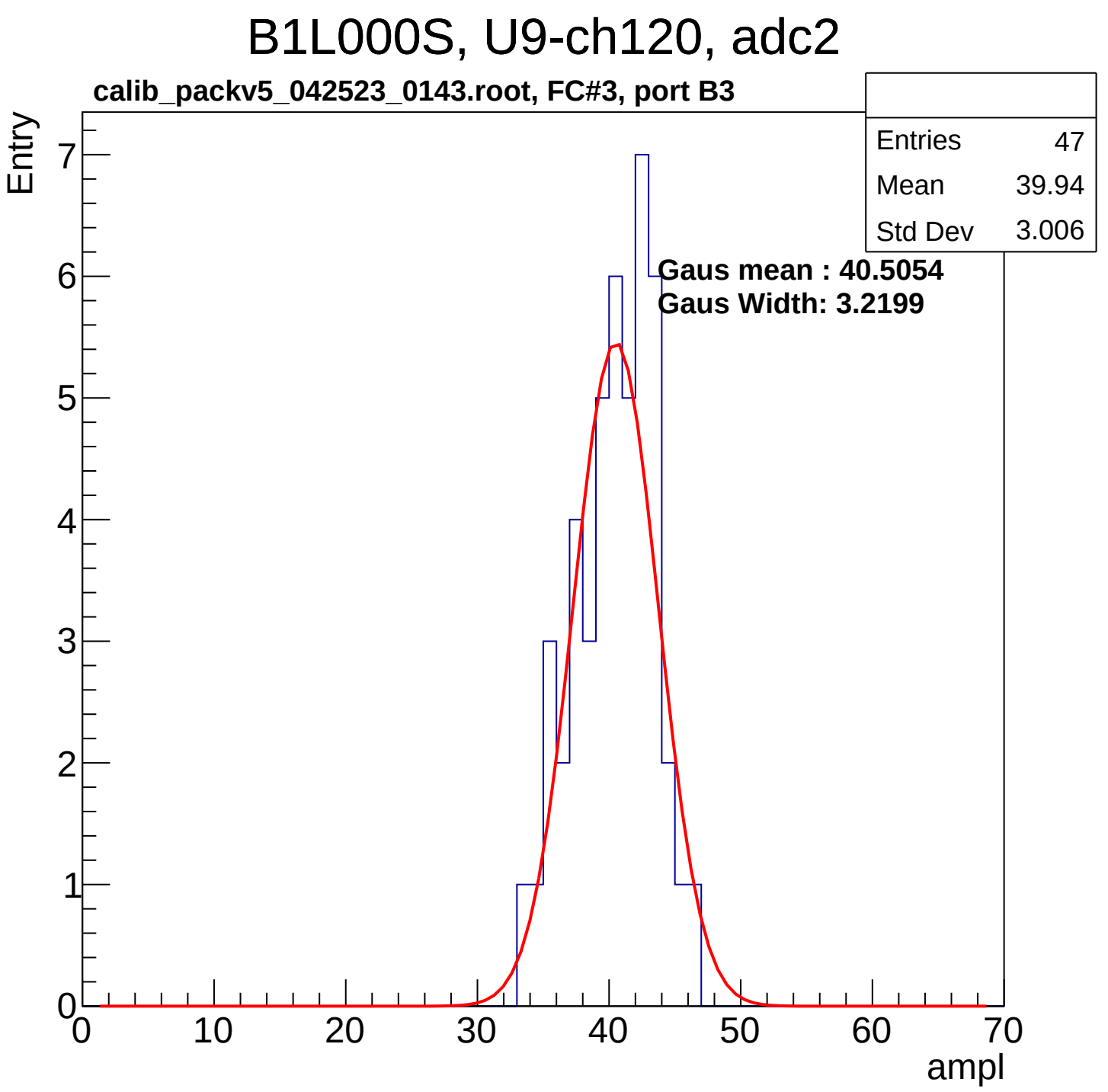

B1L000S, U9-ch119, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch119, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch120, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 27.51
Std Dev 3.098
Gaus mean : 28.0382
Gaus Width: 3.2715
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch120, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 34.91
Std Dev 3.205
Gaus mean : 35.4847
Gaus Width: 3.4591
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch120, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 39.94
Std Dev 3.006
Gaus mean : 40.5054
Gaus Width: 3.2199
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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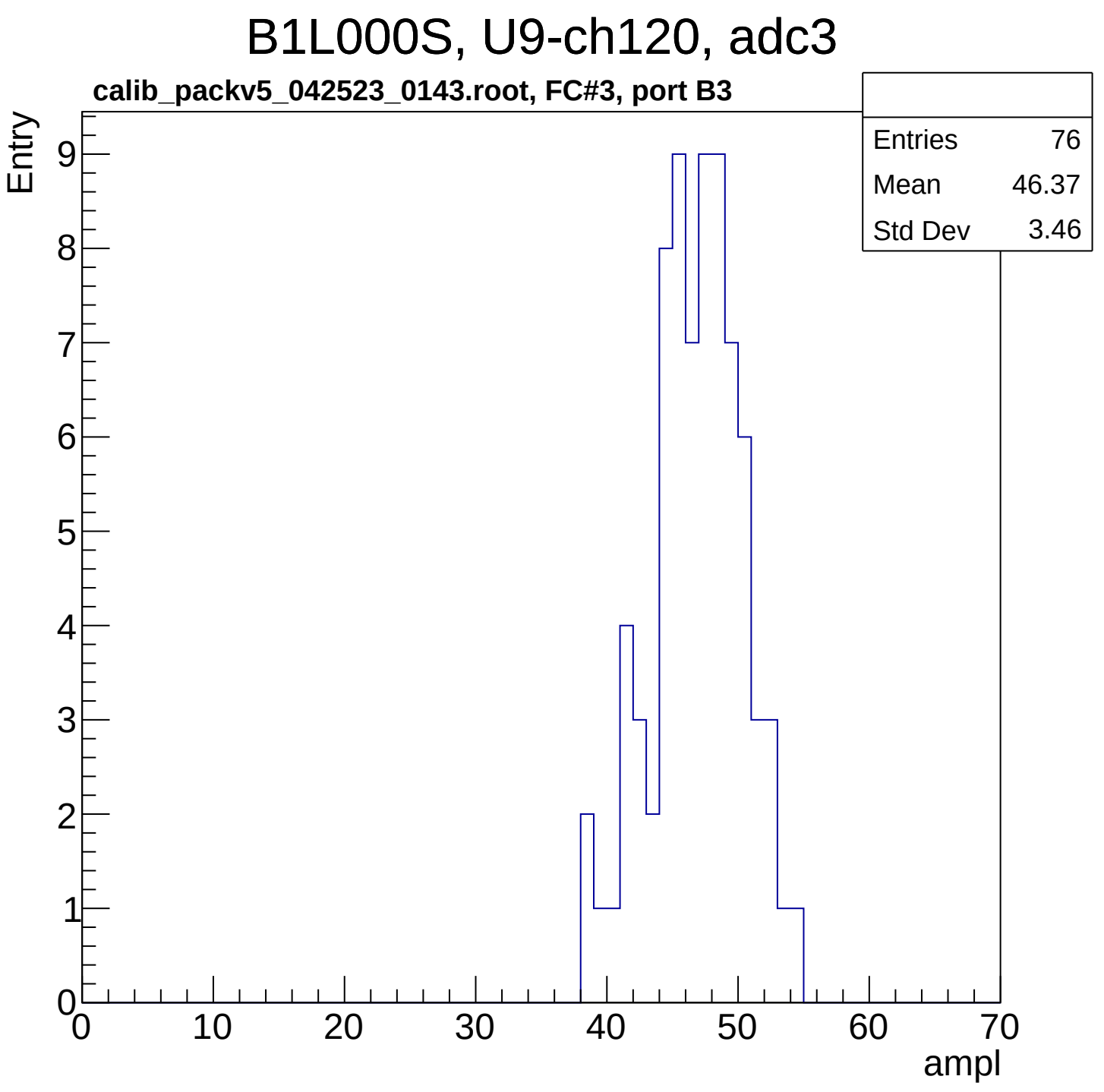
B1L000S, U9-ch120, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 46.37
Std Dev 3.46
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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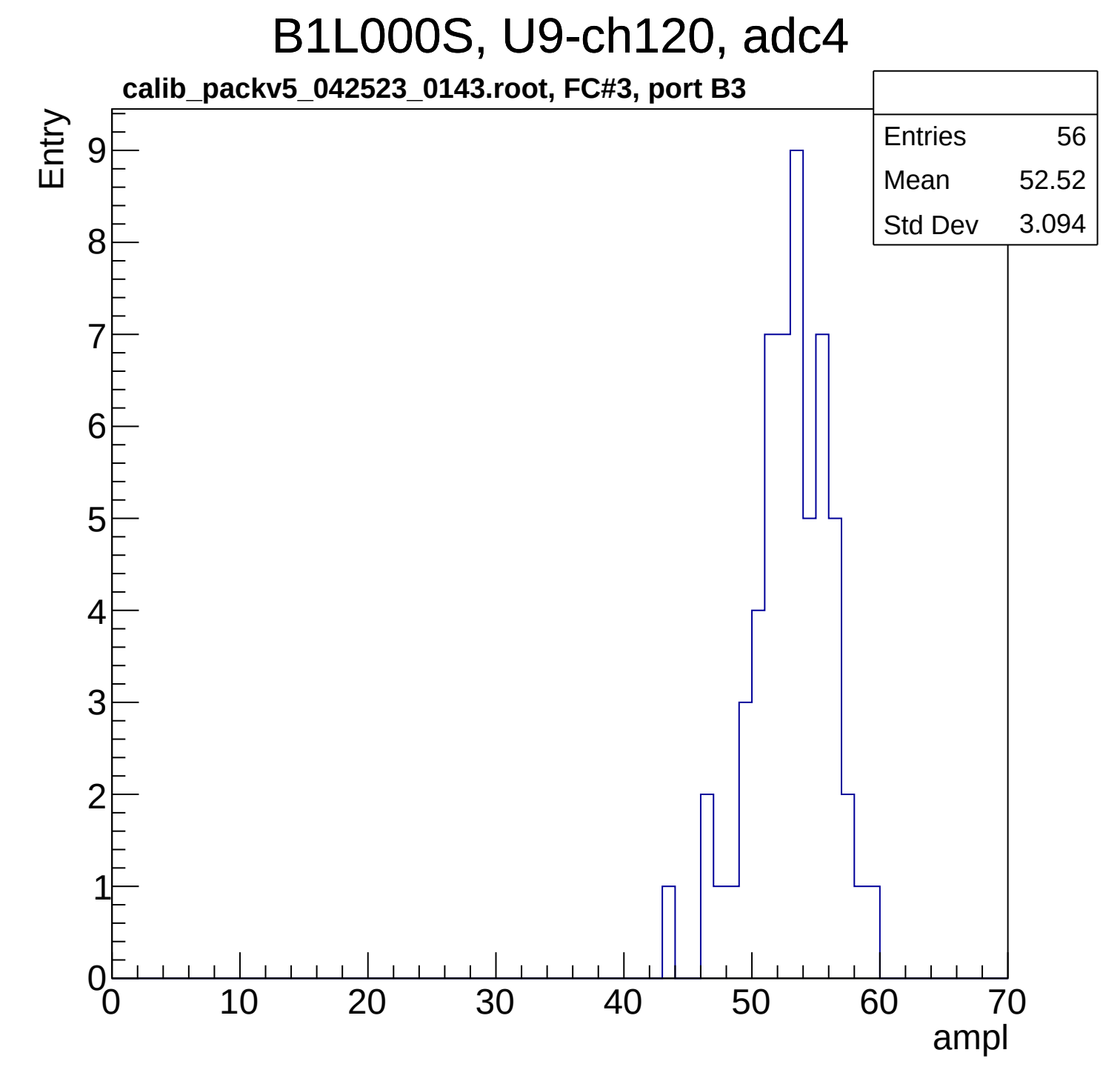
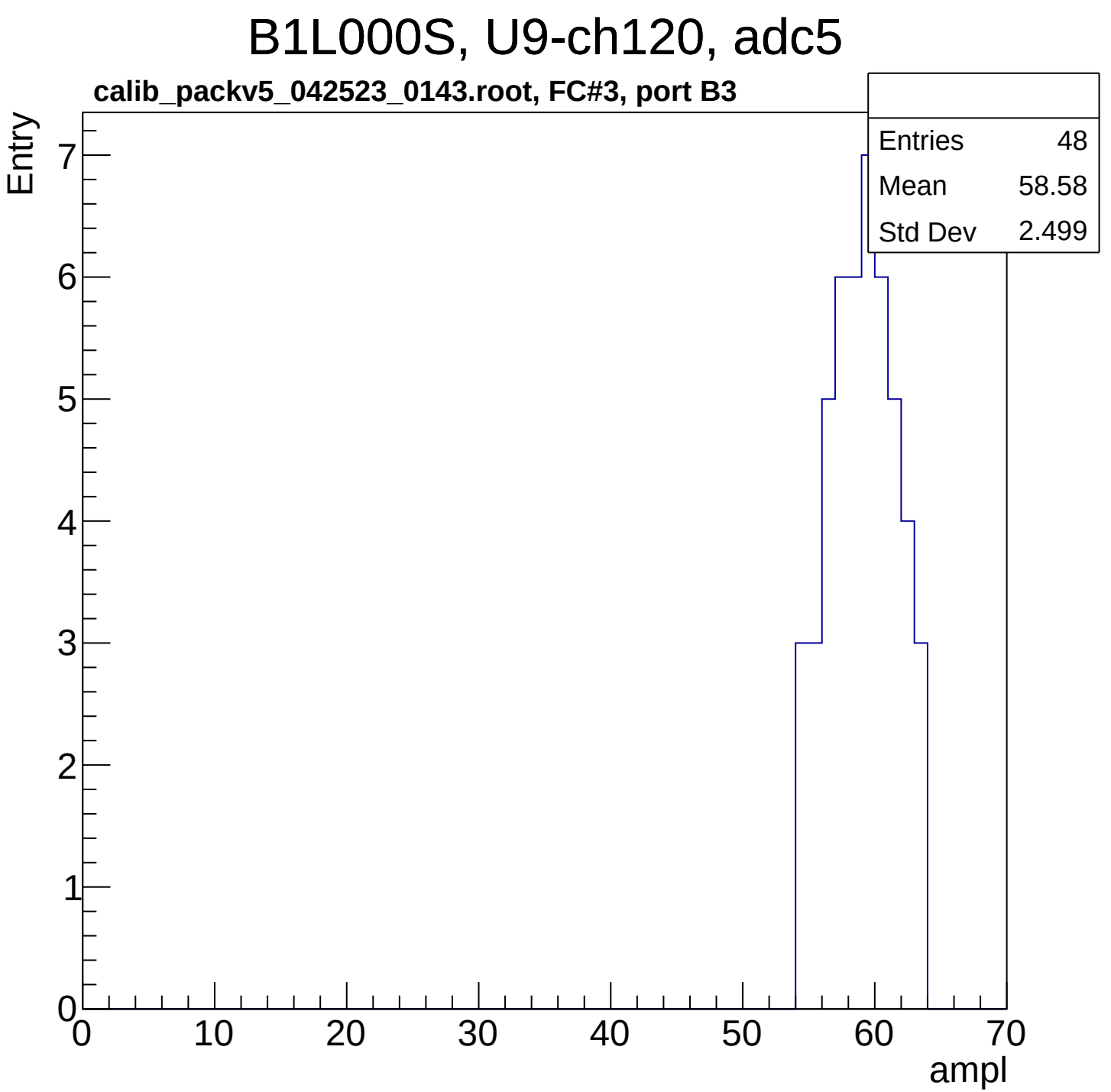

B1L000S, U9-ch120, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 52.52
Std Dev 3.094
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch120, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.58
Std Dev 2.499
Entry
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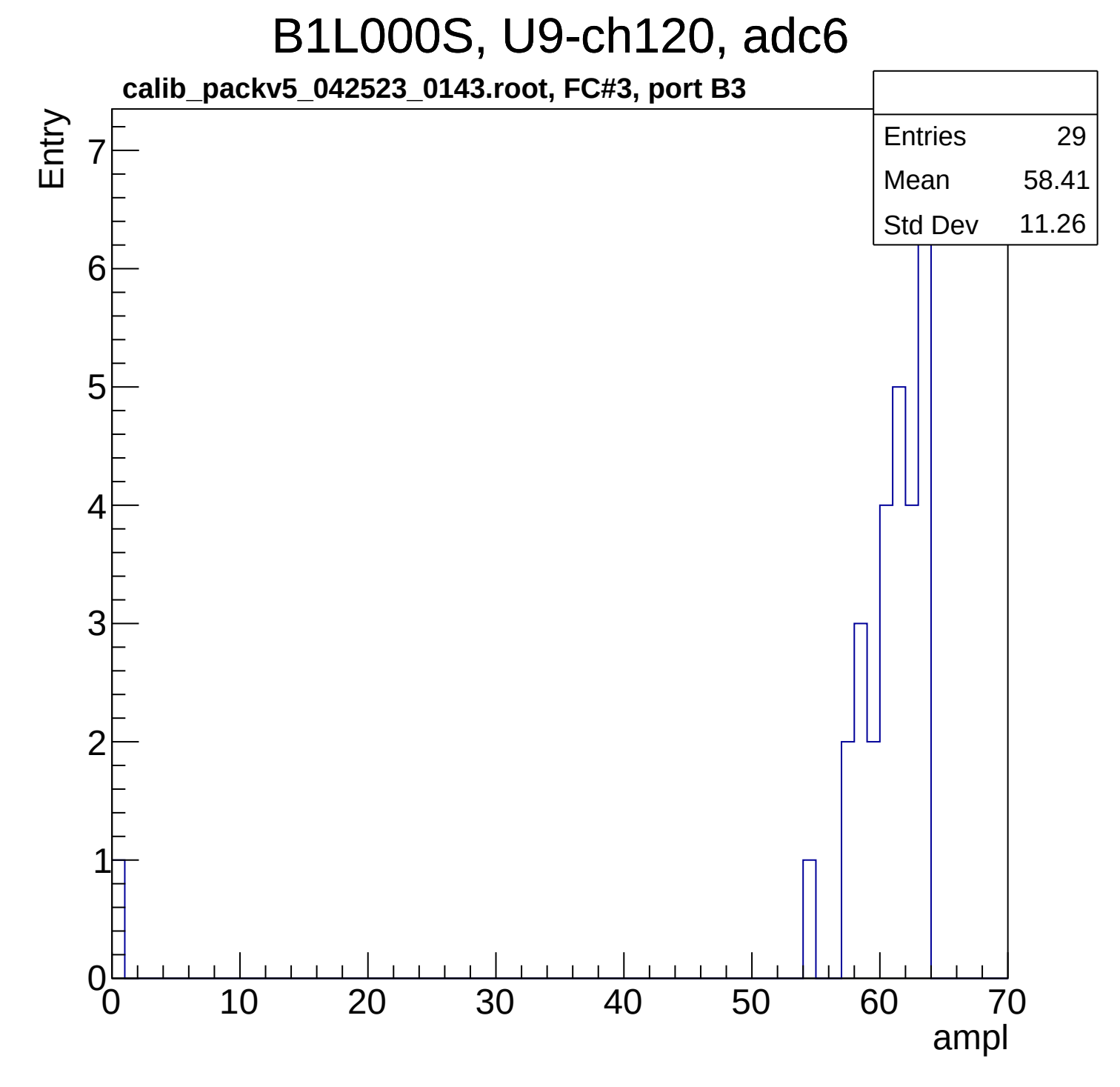
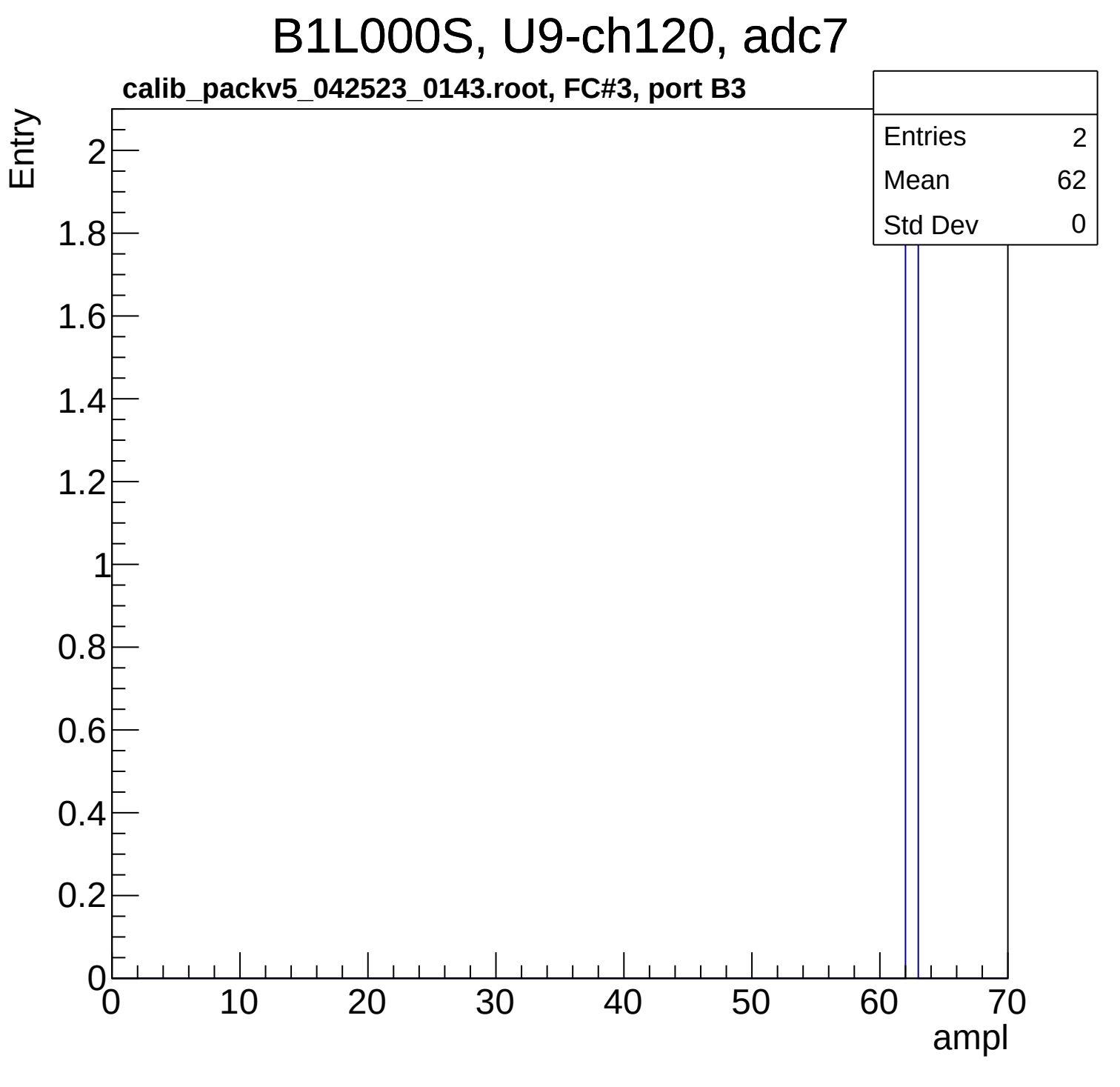
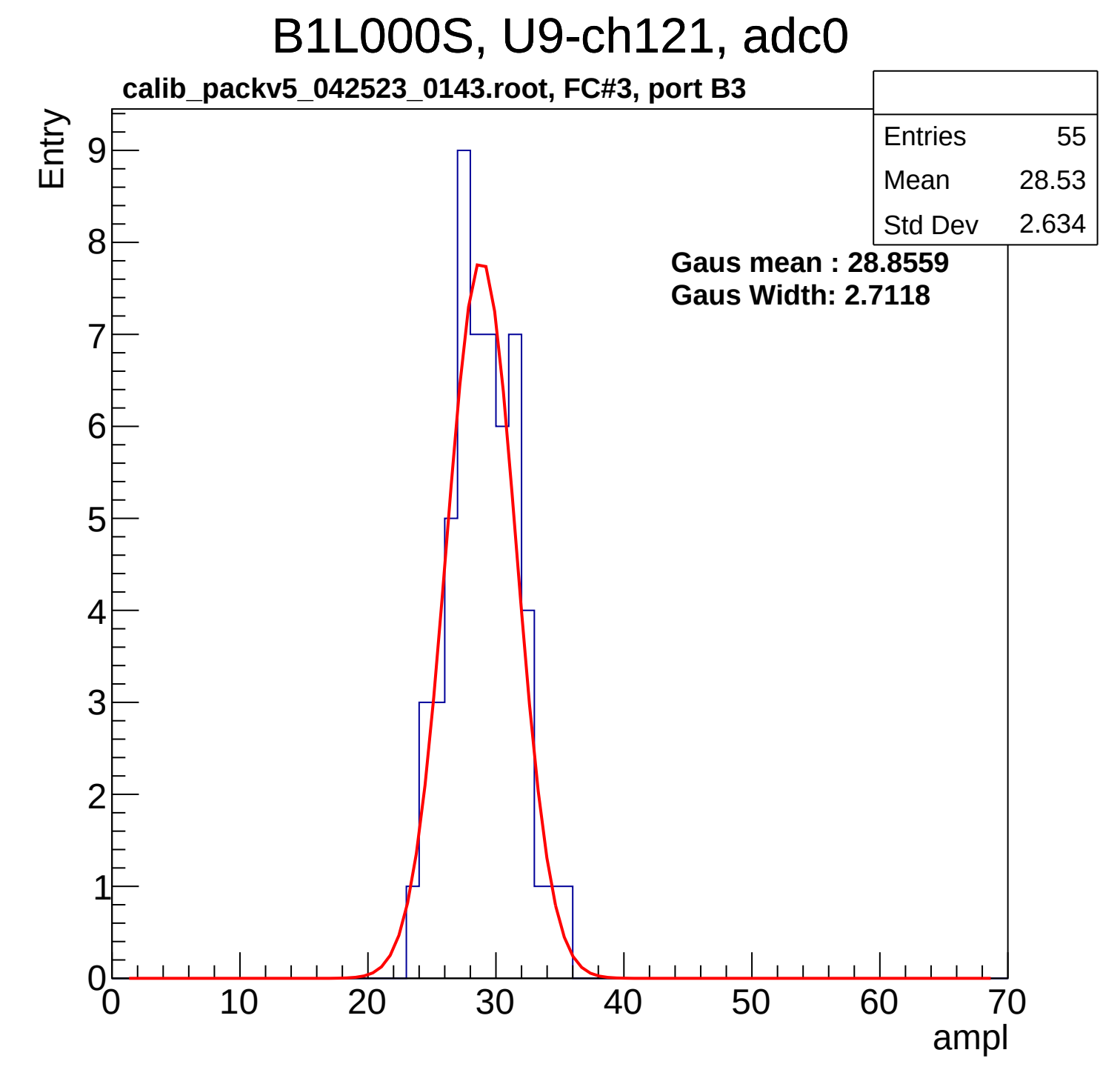
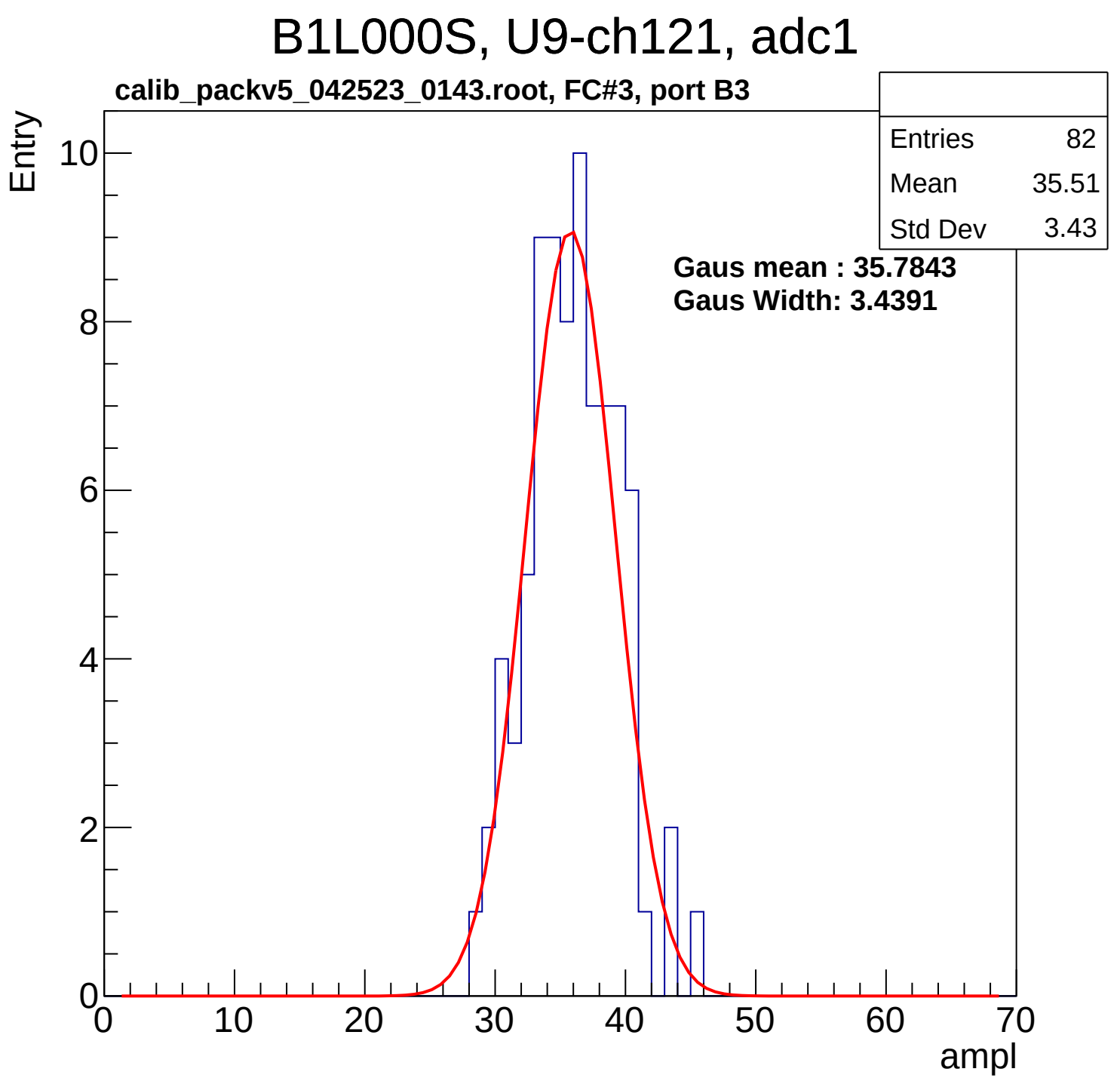
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch120, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 29
Mean 58.41
Std Dev 11.26
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch120, adc7
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch121, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.53
Std Dev 2.634
Gaus mean : 28.8559
Gaus Width: 2.7118
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch121, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 35.51
Std Dev 3.43
Gaus mean : 35.7843
Gaus Width: 3.4391
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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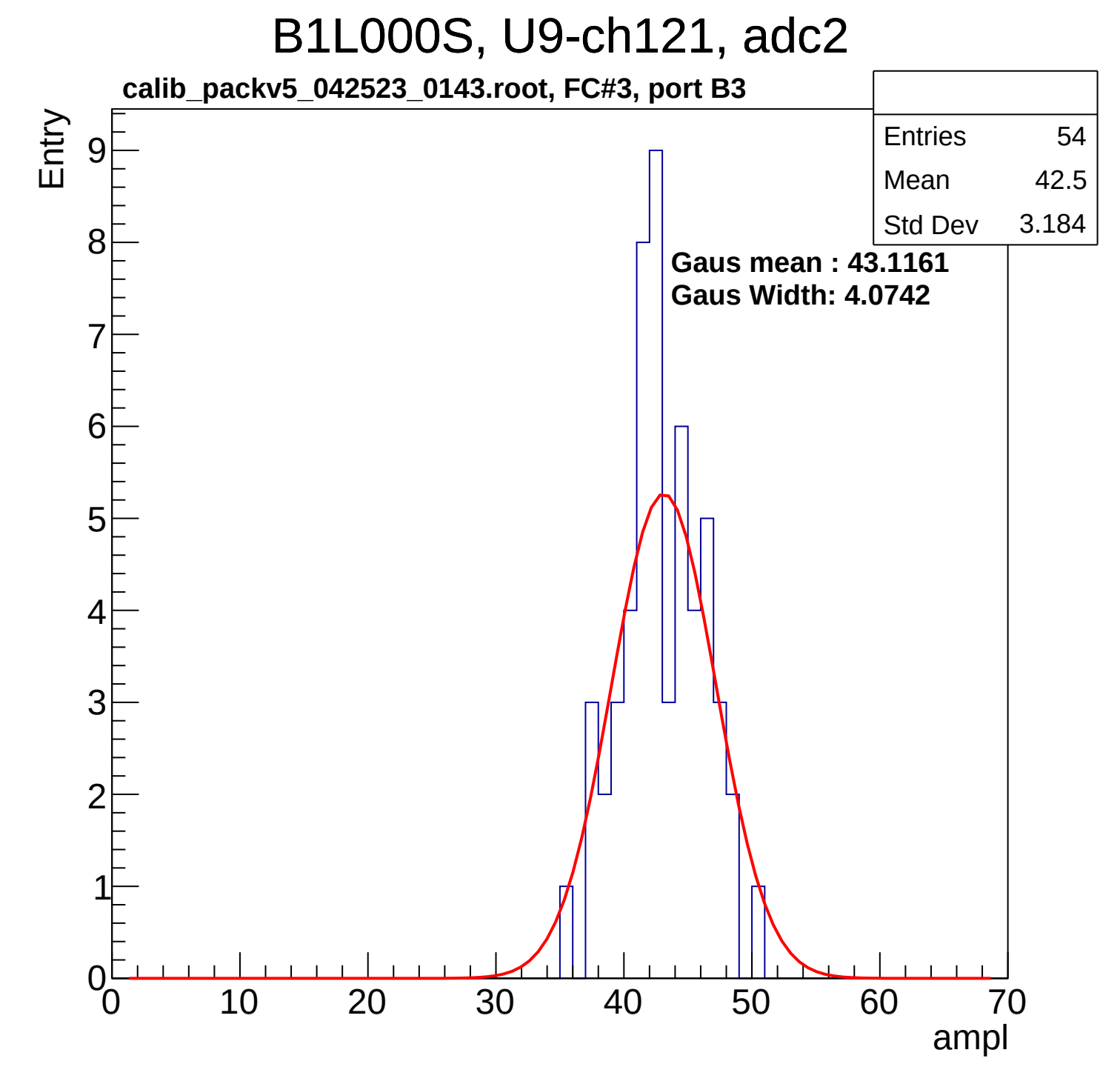
B1L000S, U9-ch121, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.5
Std Dev 3.184
Gaus mean : 43.1161
Gaus Width: 4.0742
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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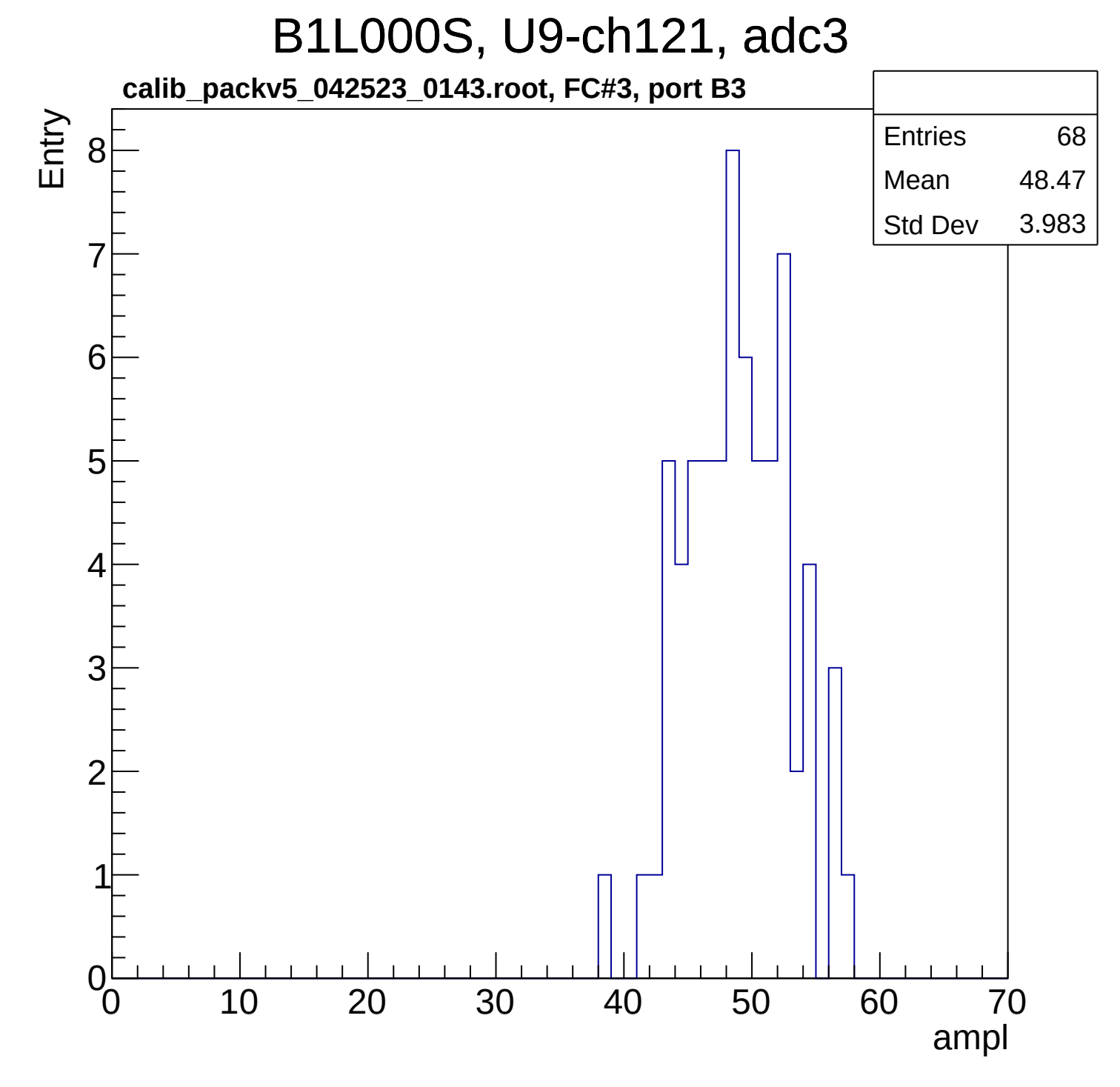
B1L000S, U9-ch121, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 48.47
Std Dev 3.983
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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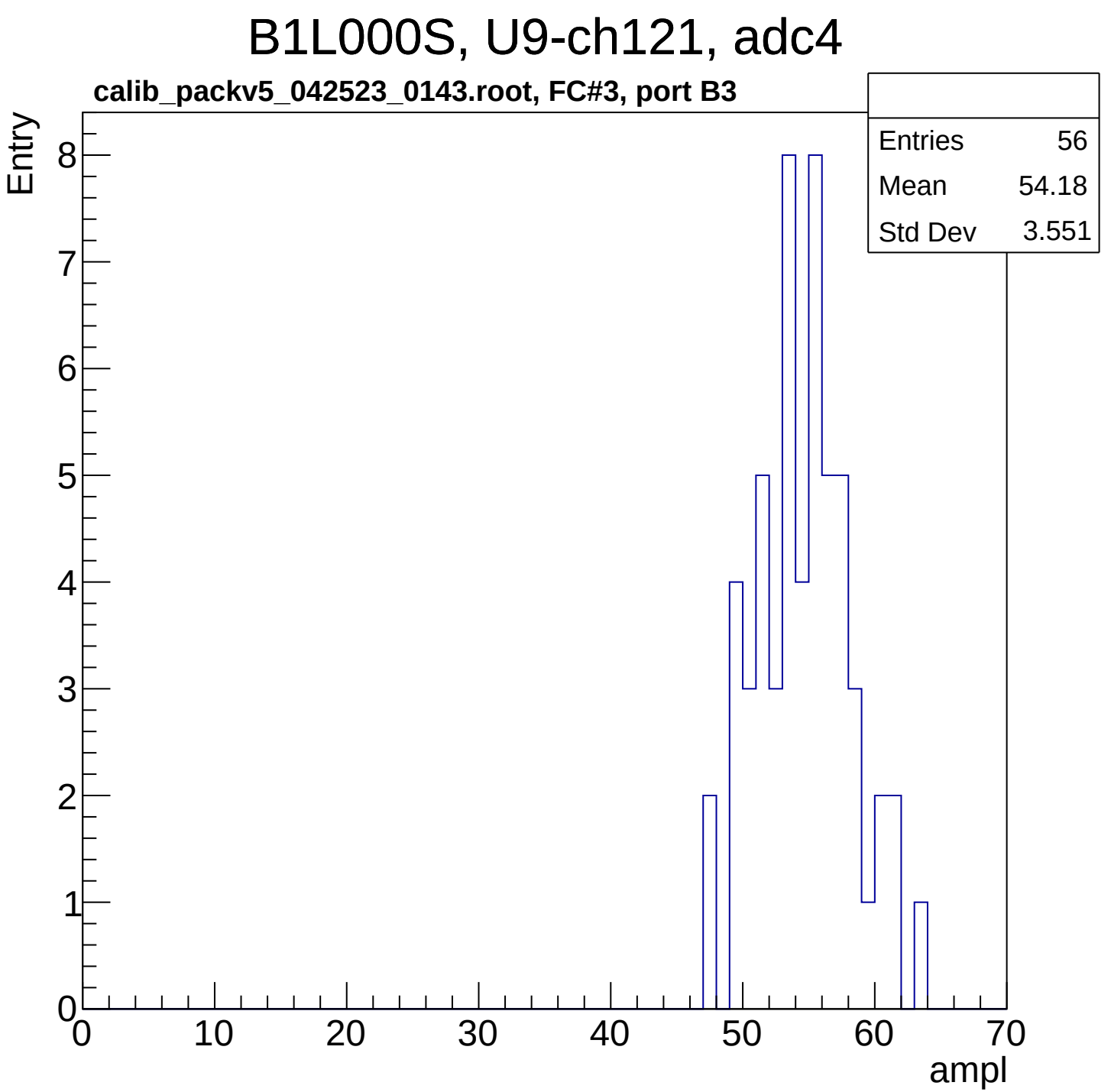
B1L000S, U9-ch121, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.18
Std Dev 3.551
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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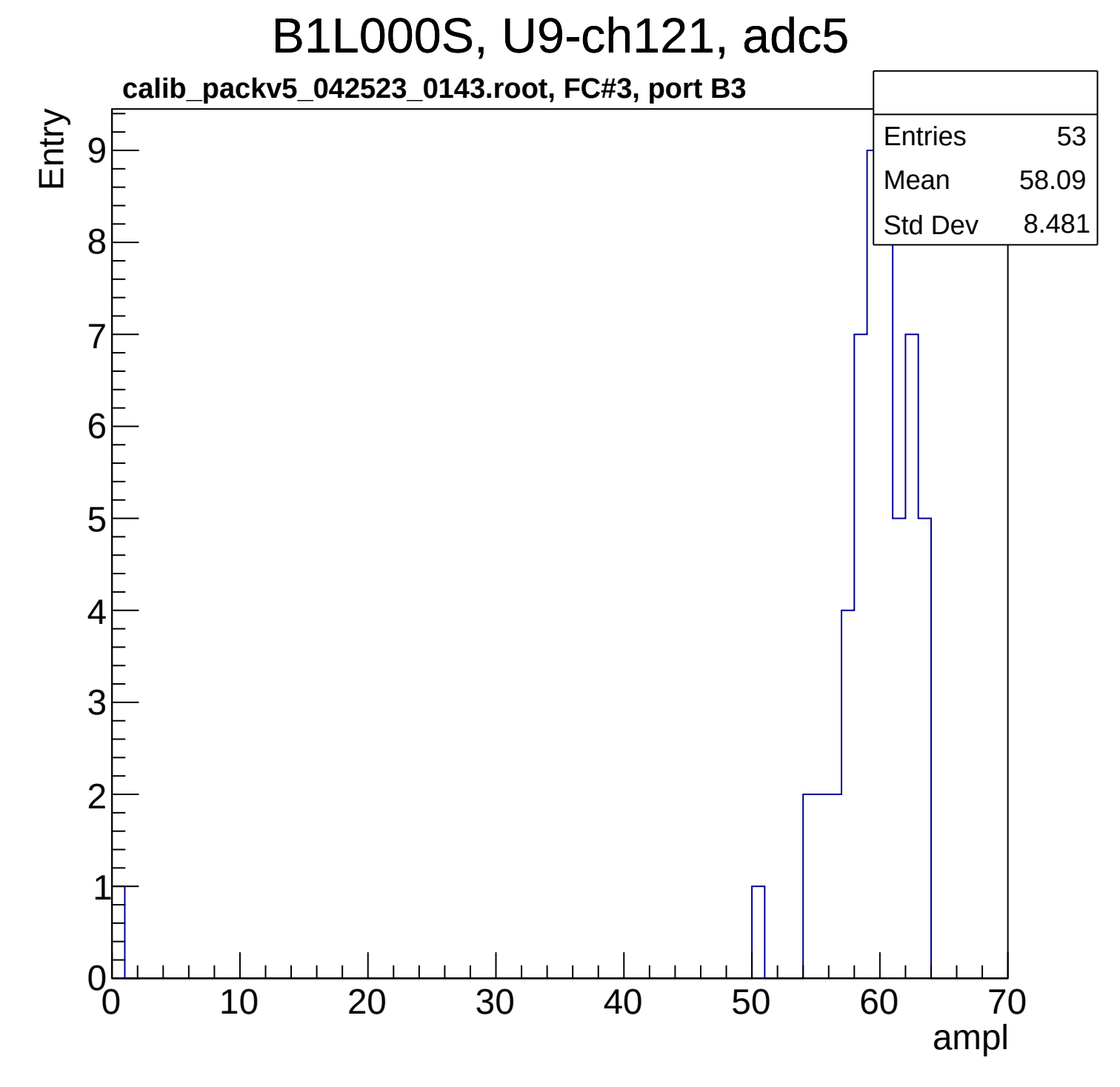
B1L000S, U9-ch121, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.09
Std Dev 8.481
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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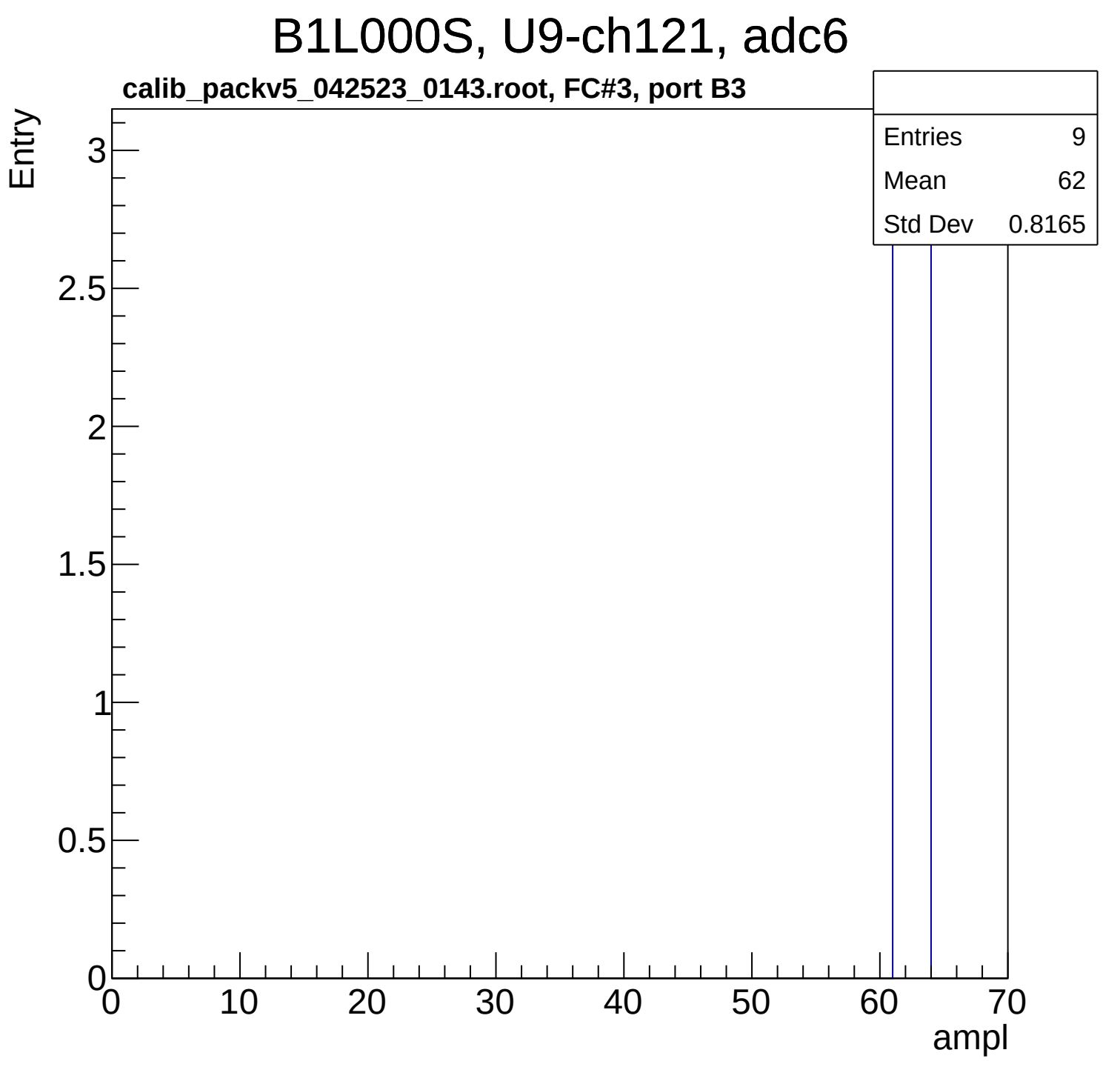
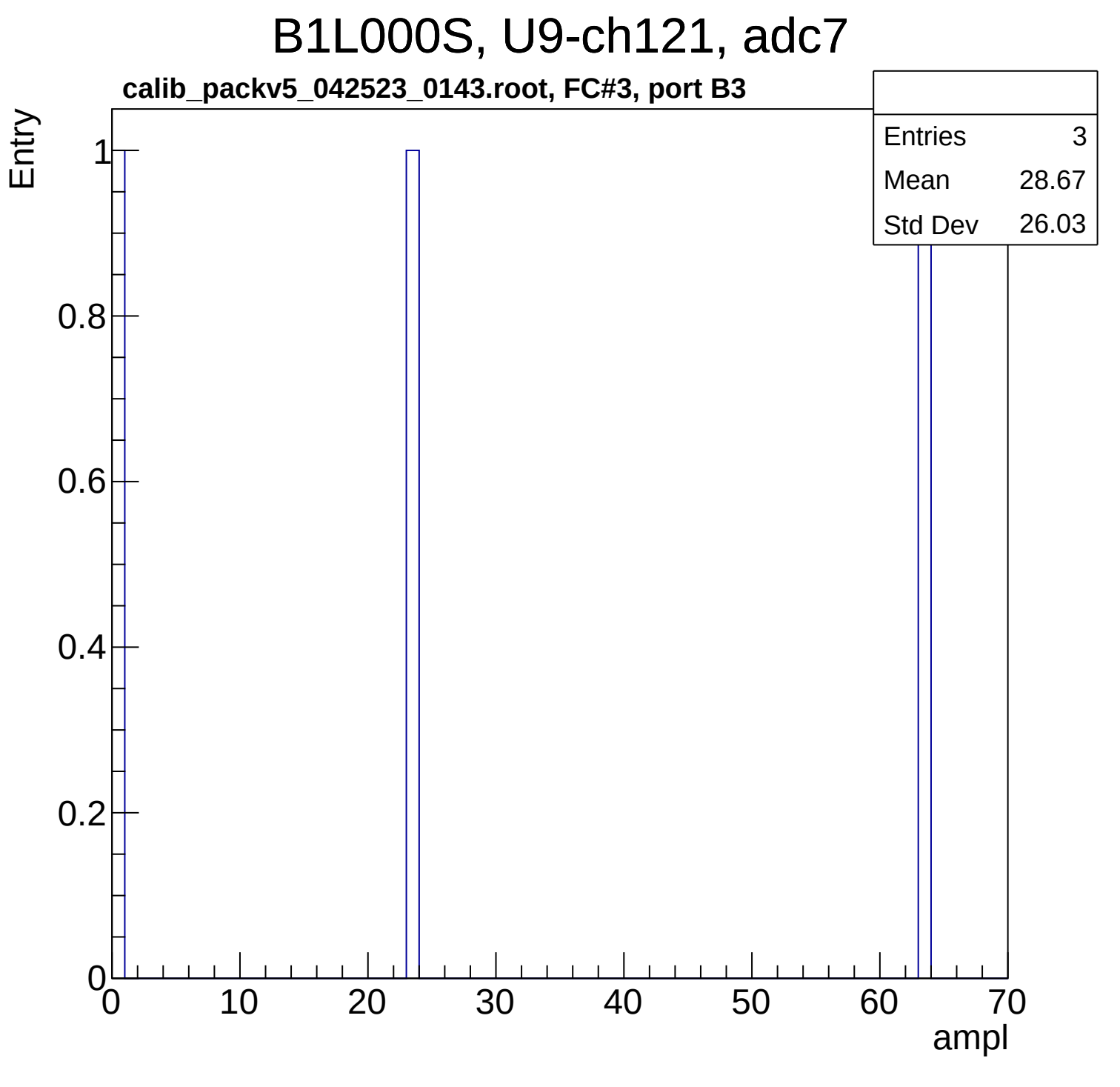
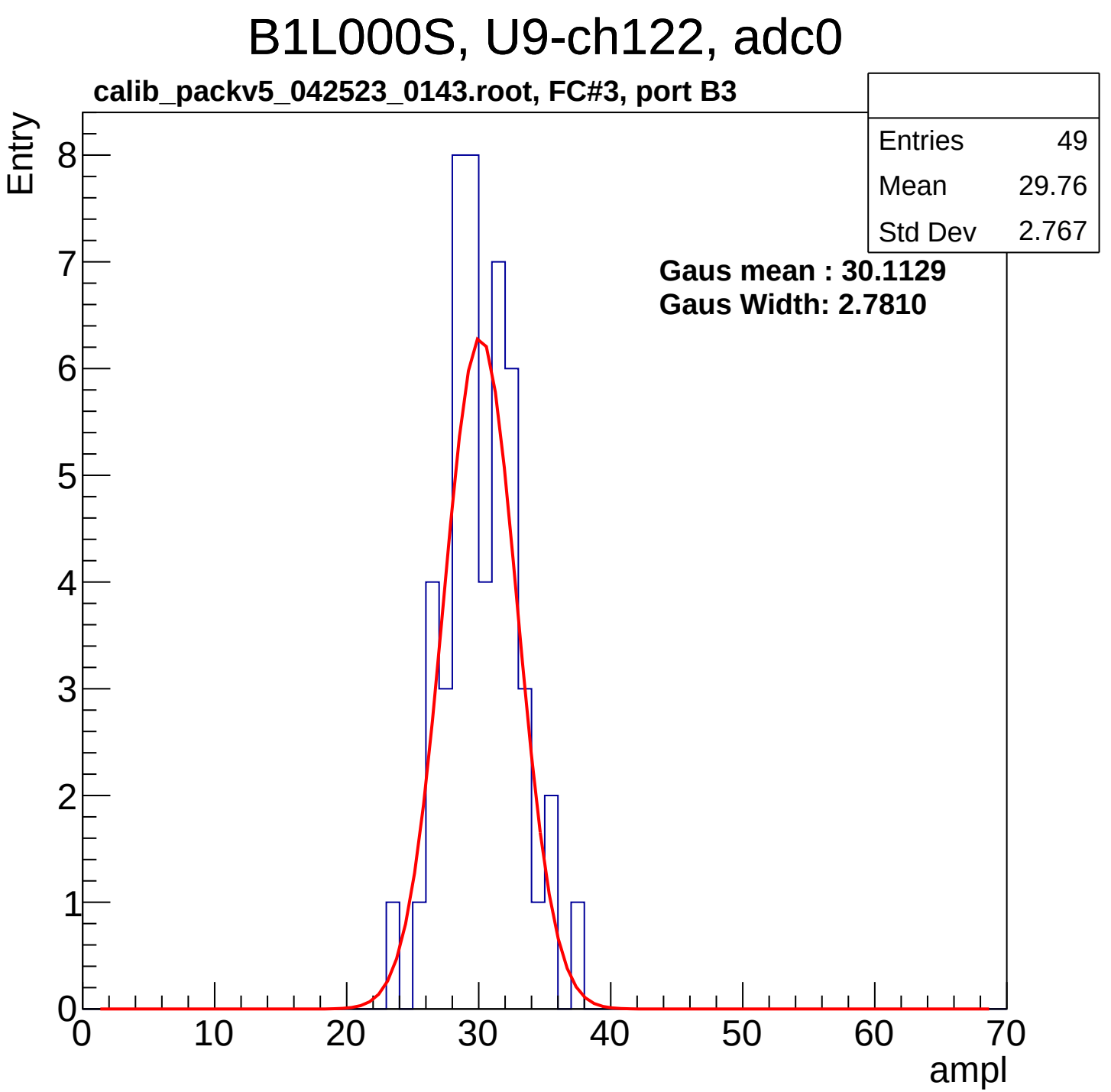
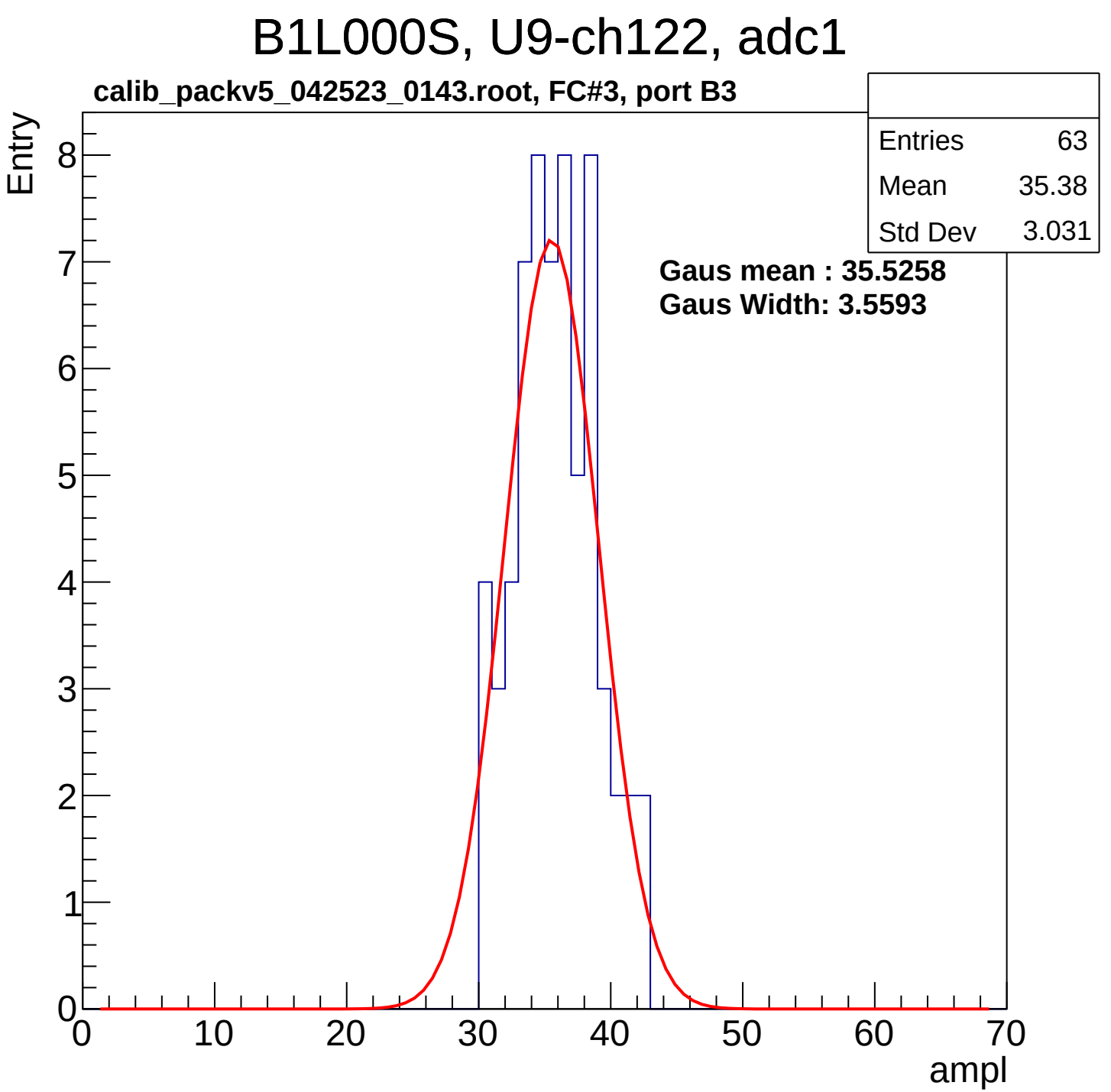
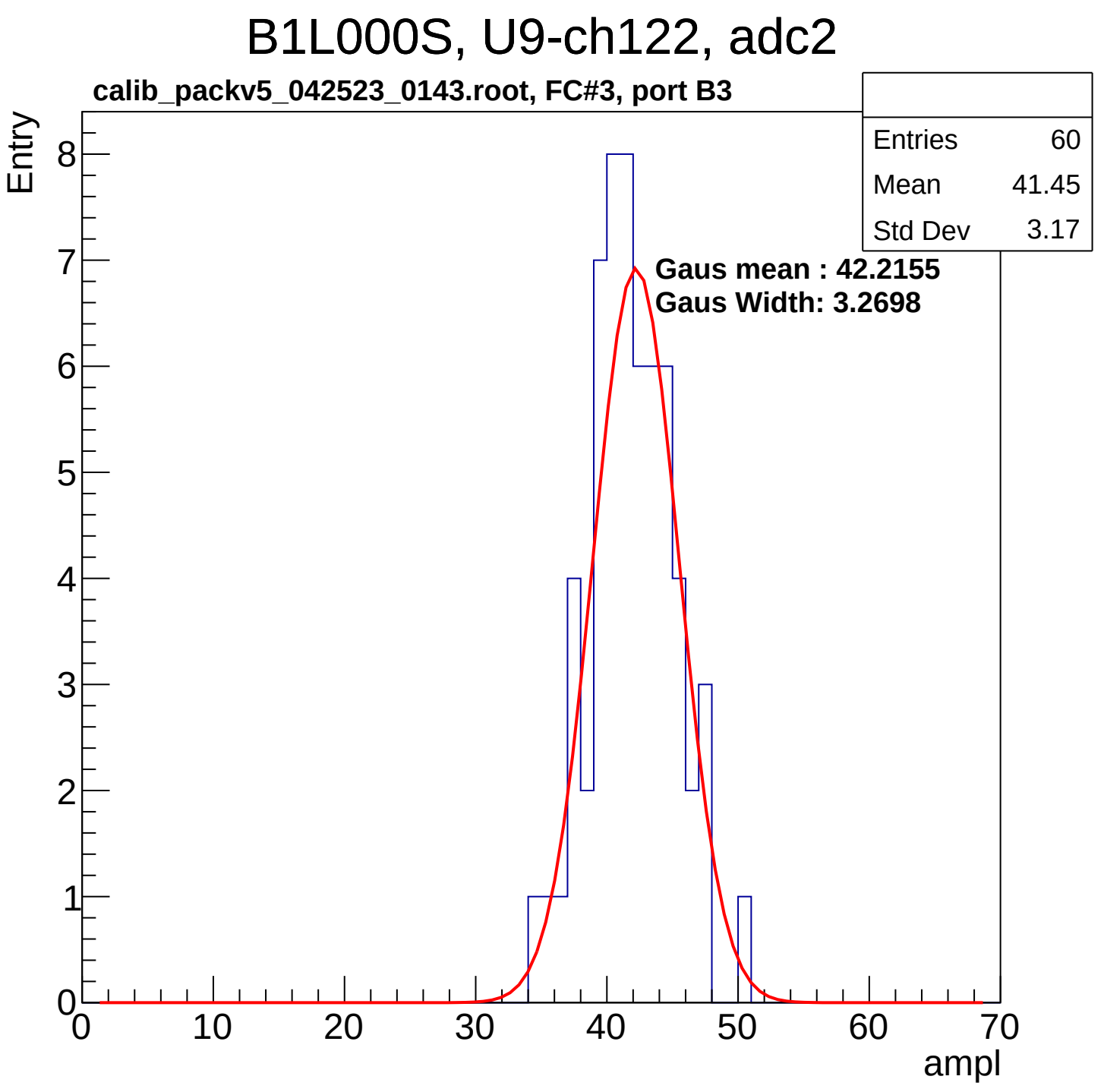

B1L000S, U9-ch121, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62
Std Dev 0.8165
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch121, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.67
Std Dev 26.03
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch122, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 29.76
Std Dev 2.767
Gaus mean : 30.1129
Gaus Width: 2.7810
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch122, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 35.38
Std Dev 3.031
Gaus mean : 35.5258
Gaus Width: 3.5593
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch122, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.45
Std Dev 3.17
Gaus mean : 42.2155
Gaus Width: 3.2698
Entry
ampl
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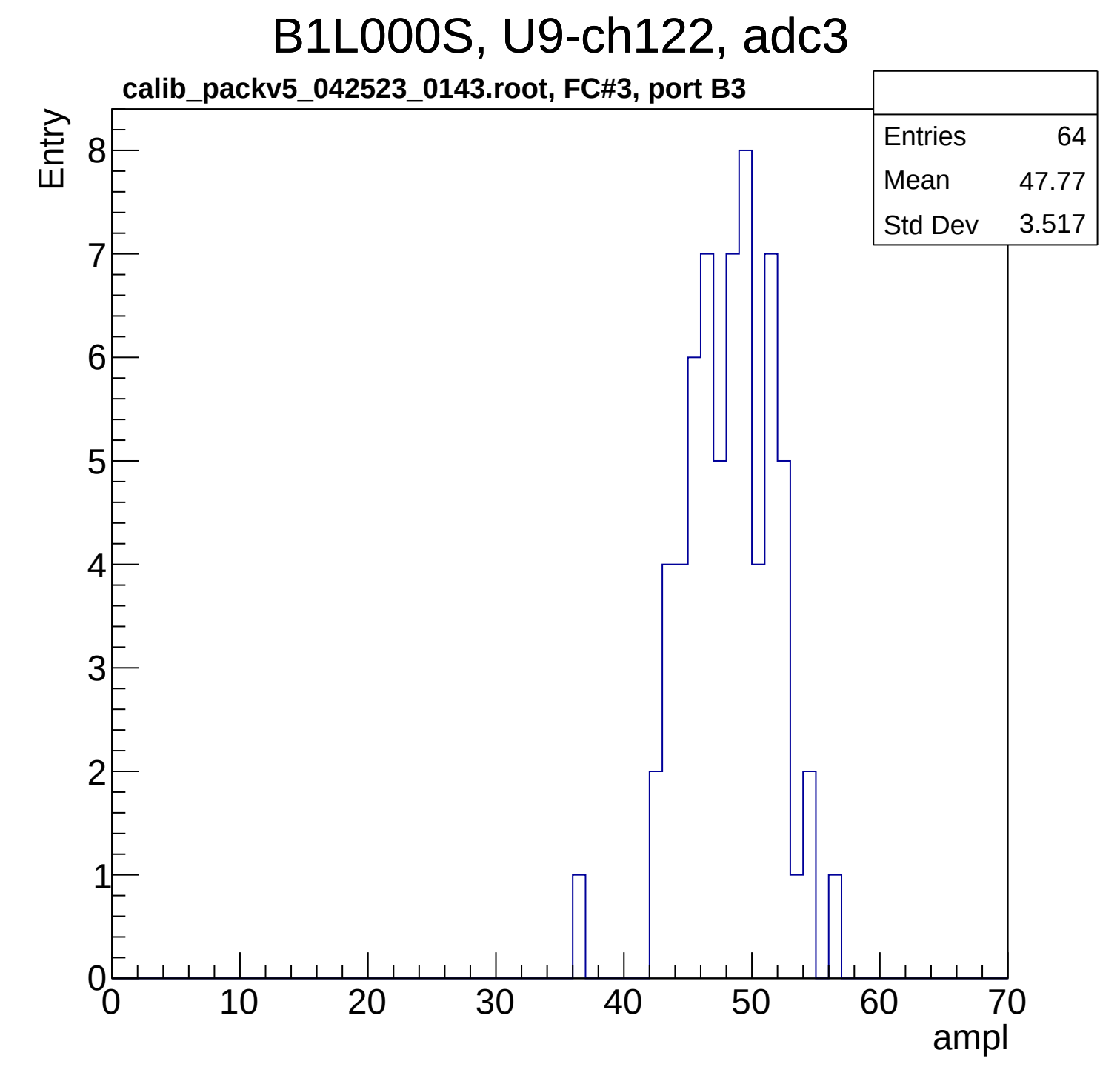
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch122, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.77
Std Dev 3.517
Entry
ampl
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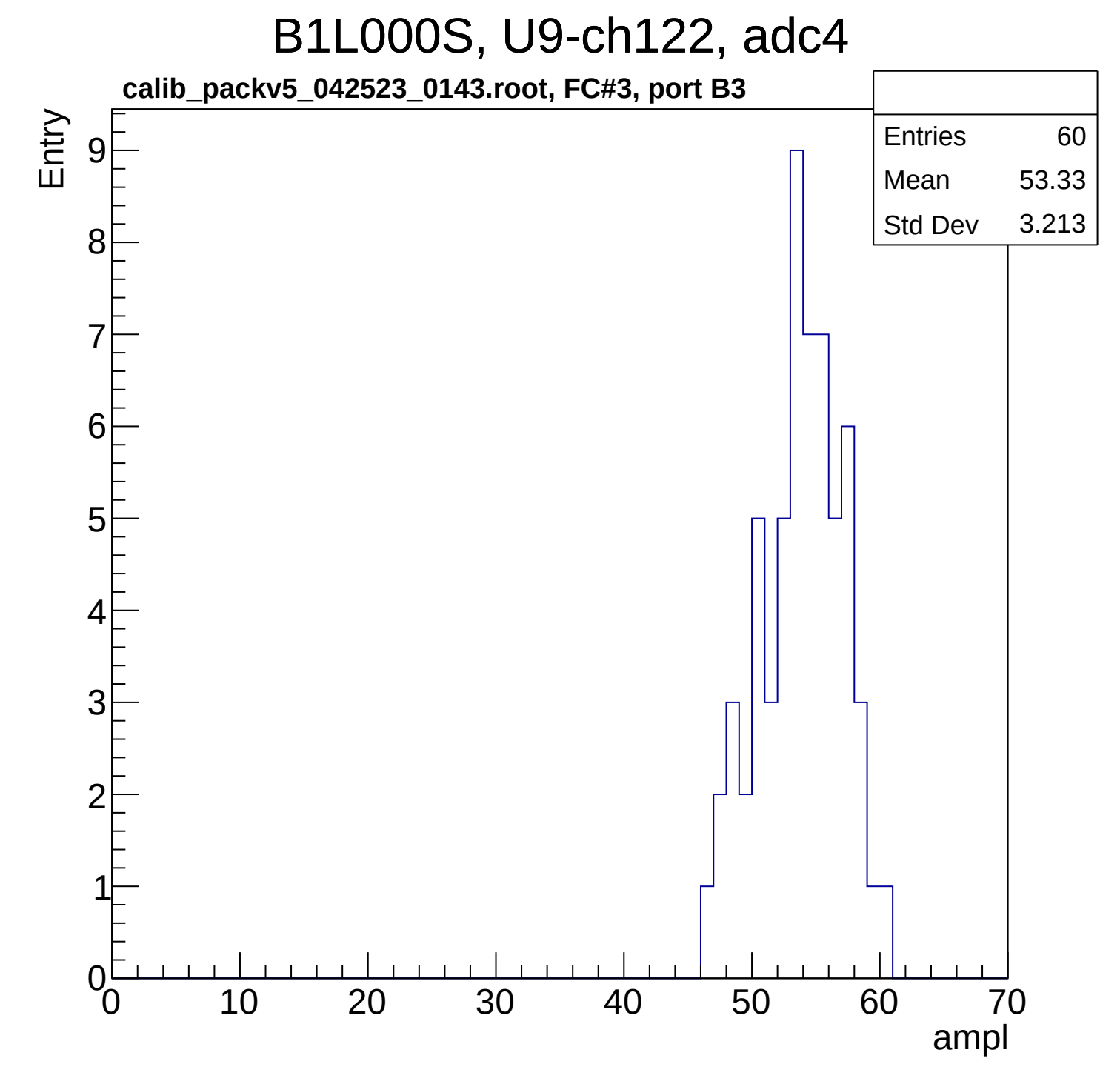
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch122, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 53.33
Std Dev 3.213
Entry
ampl
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2
3
4
5
6
7
8
9
0
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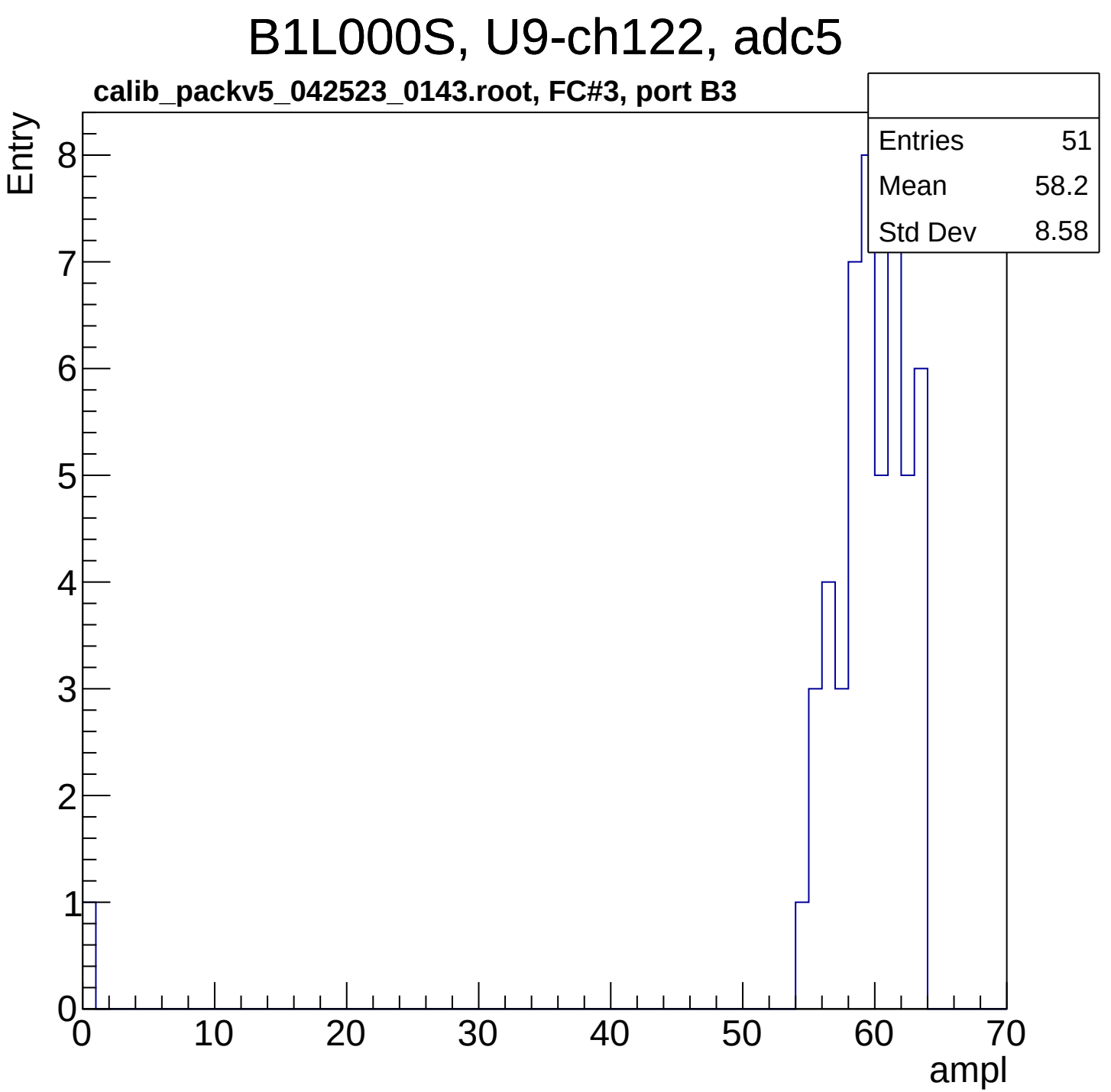
20
30
40
50
60
70


B1L000S, U9-ch122, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.2
Std Dev 8.58
Entry
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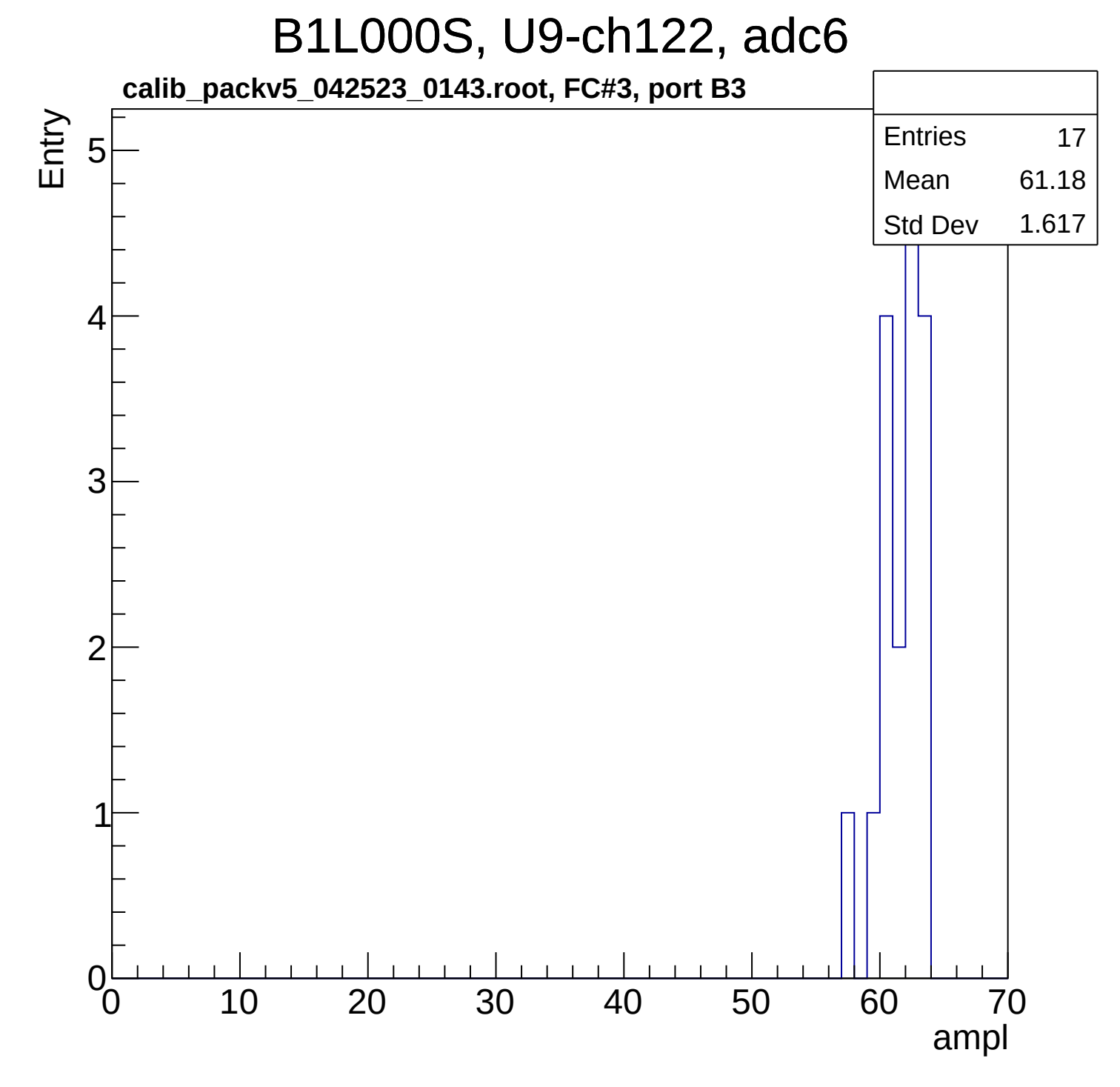
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch122, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.18
Std Dev 1.617
Entry
0
1
2
3
4
5
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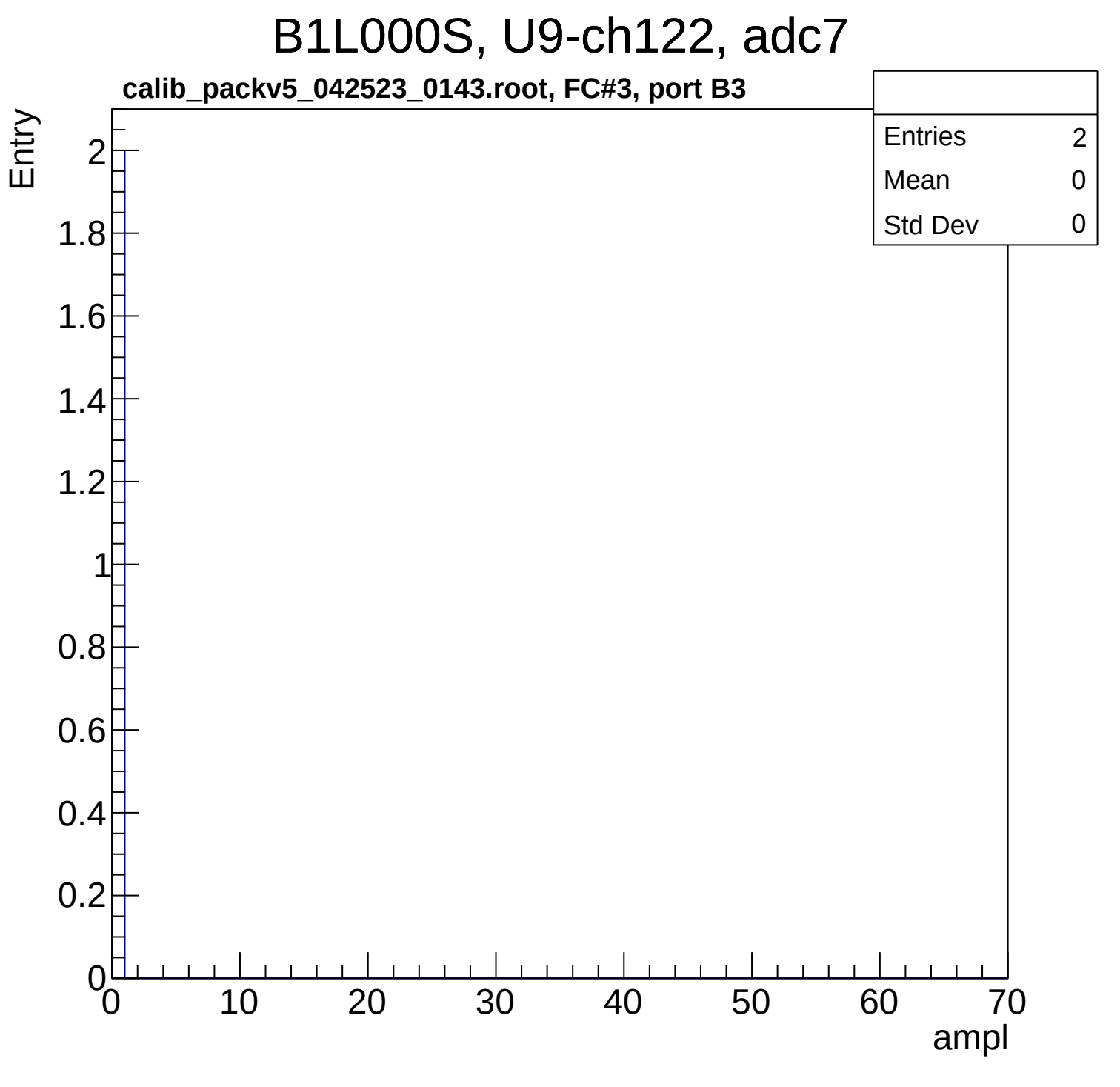
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch122, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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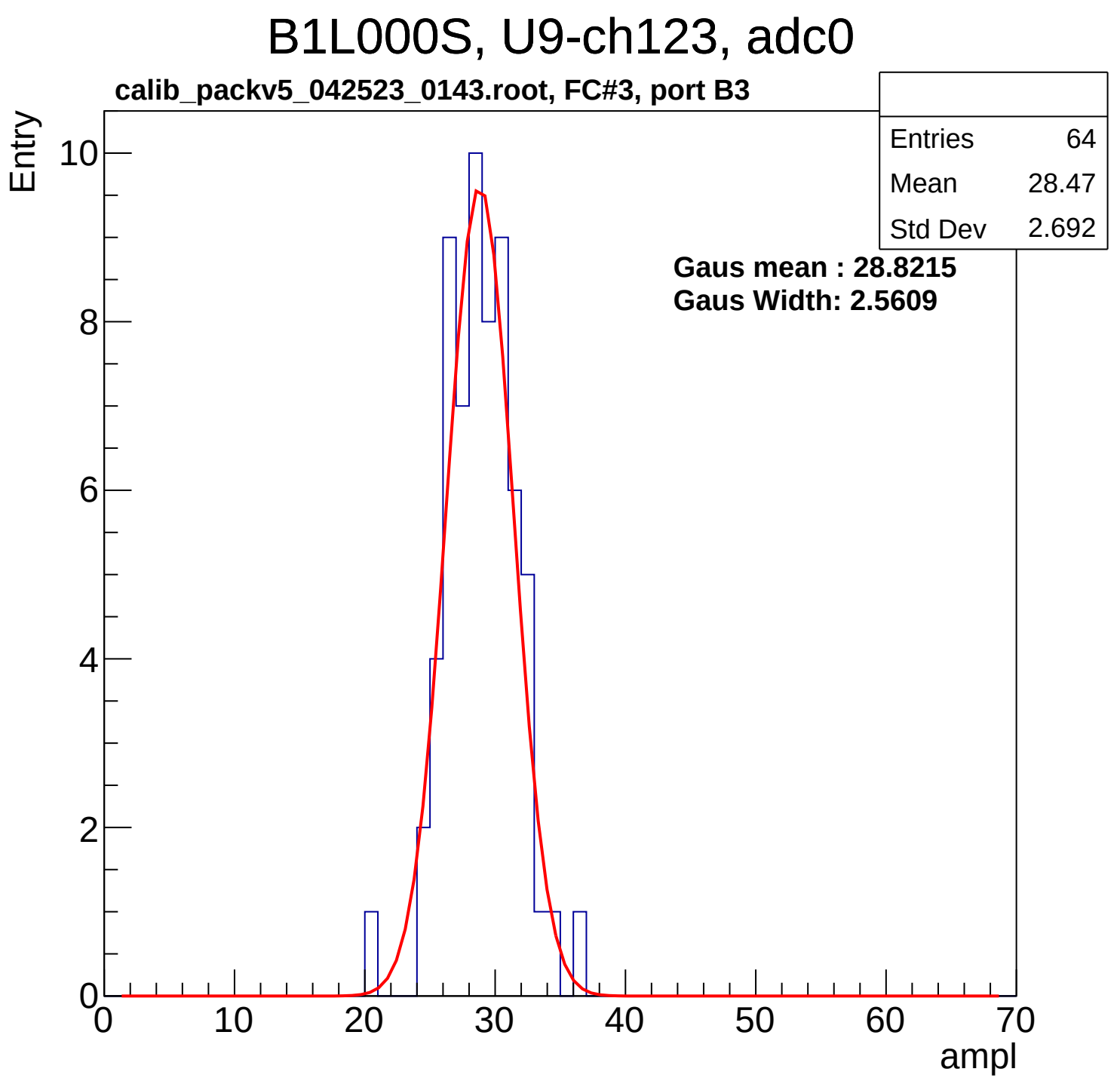
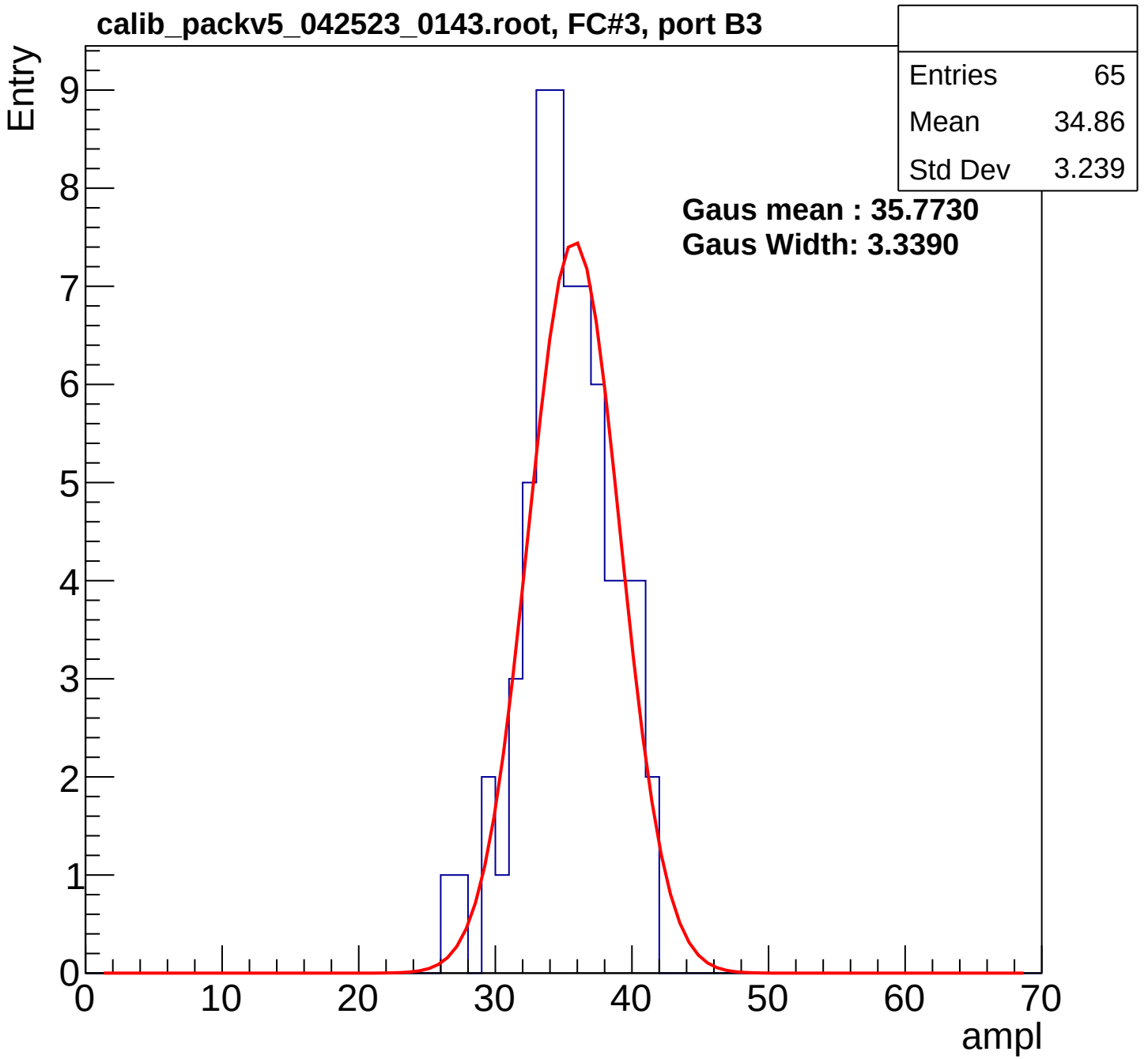
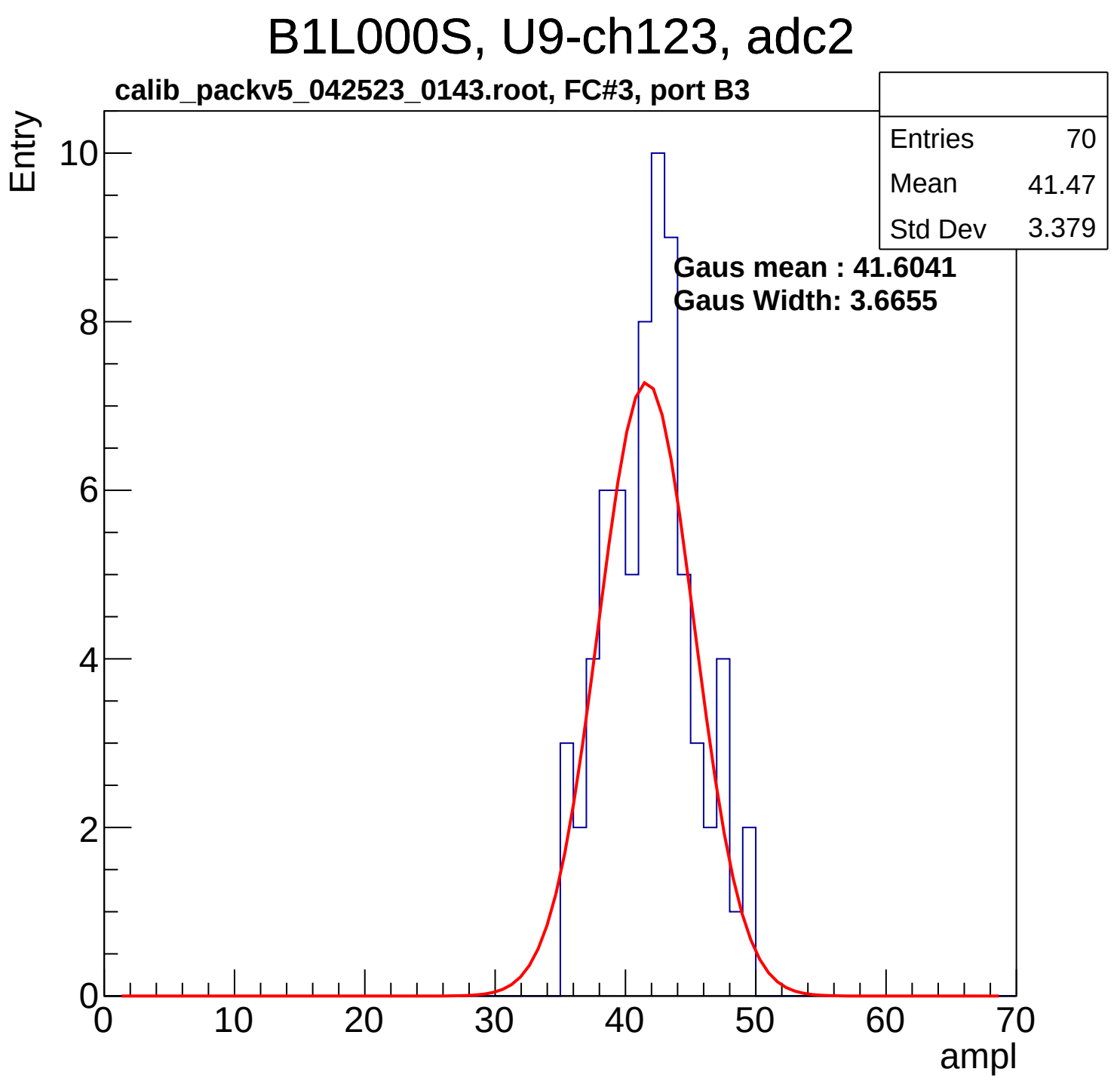
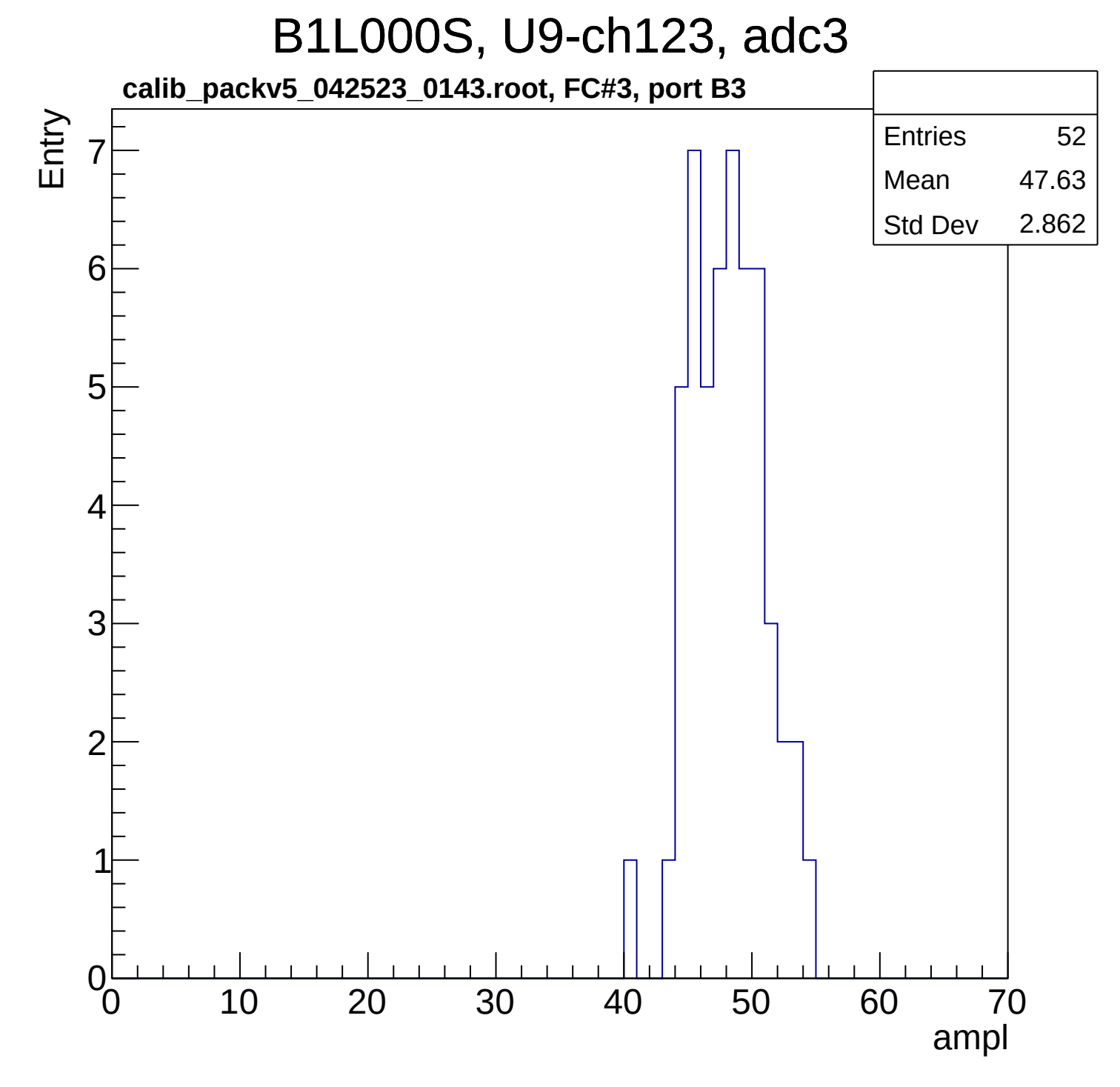
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch123, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.47
Std Dev 2.692
Gaus mean : 28.8215
Gaus Width: 2.5609
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch123, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.86
Std Dev 3.239
Gaus mean : 35.7730
Gaus Width: 3.3390
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch123, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 41.47
Std Dev 3.379
Gaus mean : 41.6041
Gaus Width: 3.6655
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch123, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.63
Std Dev 2.862
Entry
ampl
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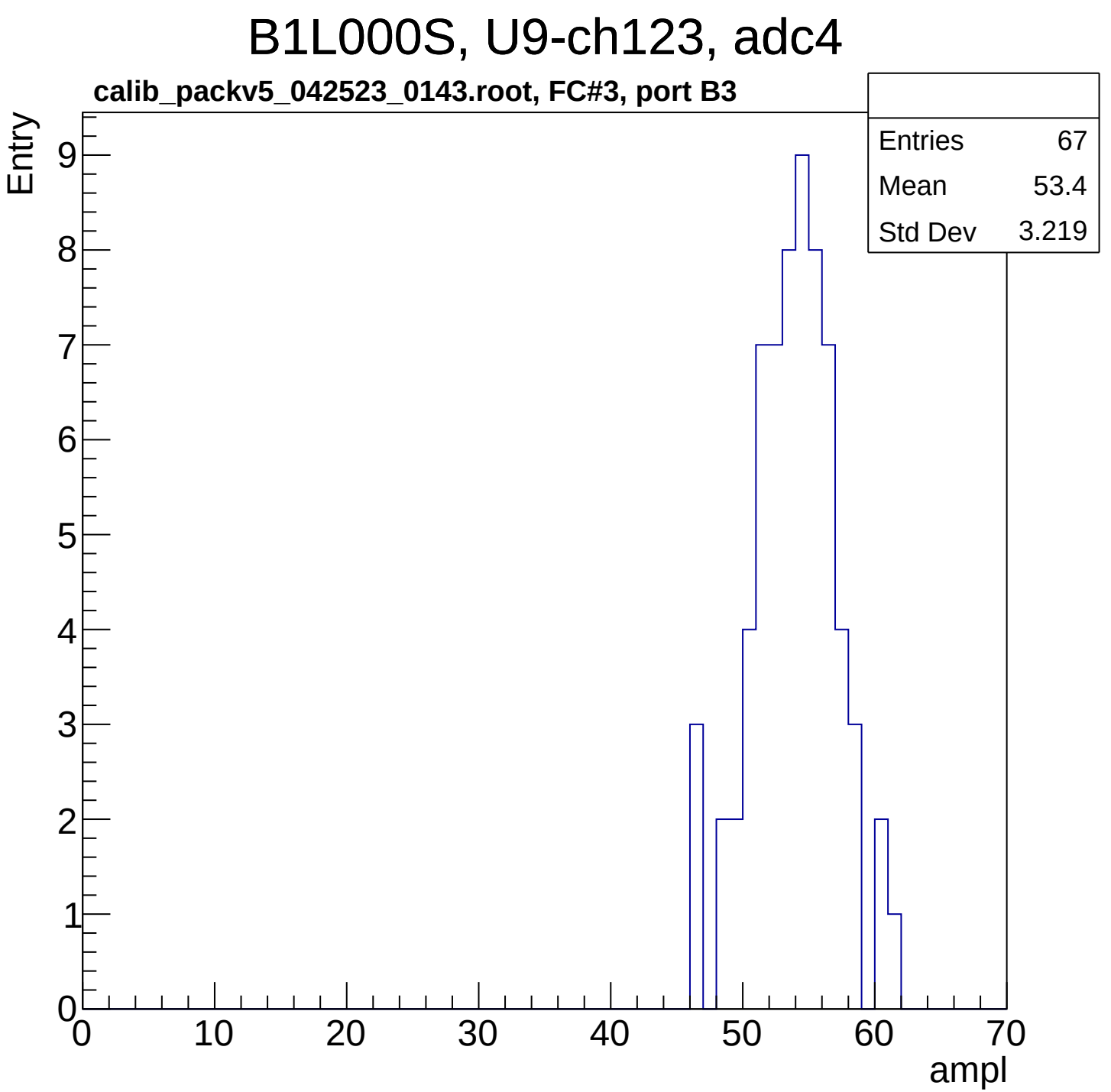
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U9-ch123, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 53.4
Std Dev 3.219
Entry
ampl
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2
3
4
5
6
7
8
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0
10
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40
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60
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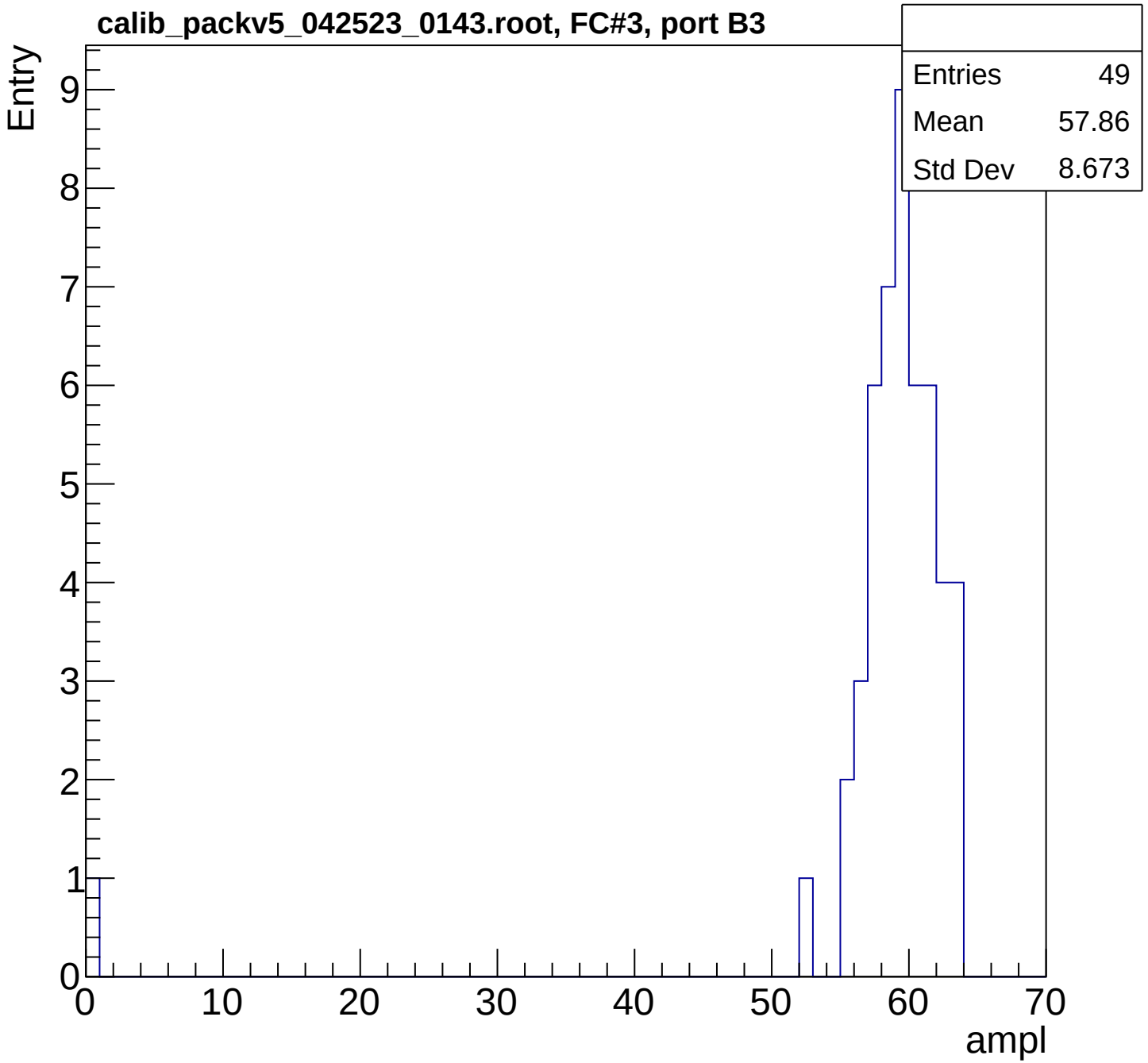
B1L000S, U9-ch123, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 57.86
Std Dev 8.673
Entry
ampl
0
1
2
3
4
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6
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60
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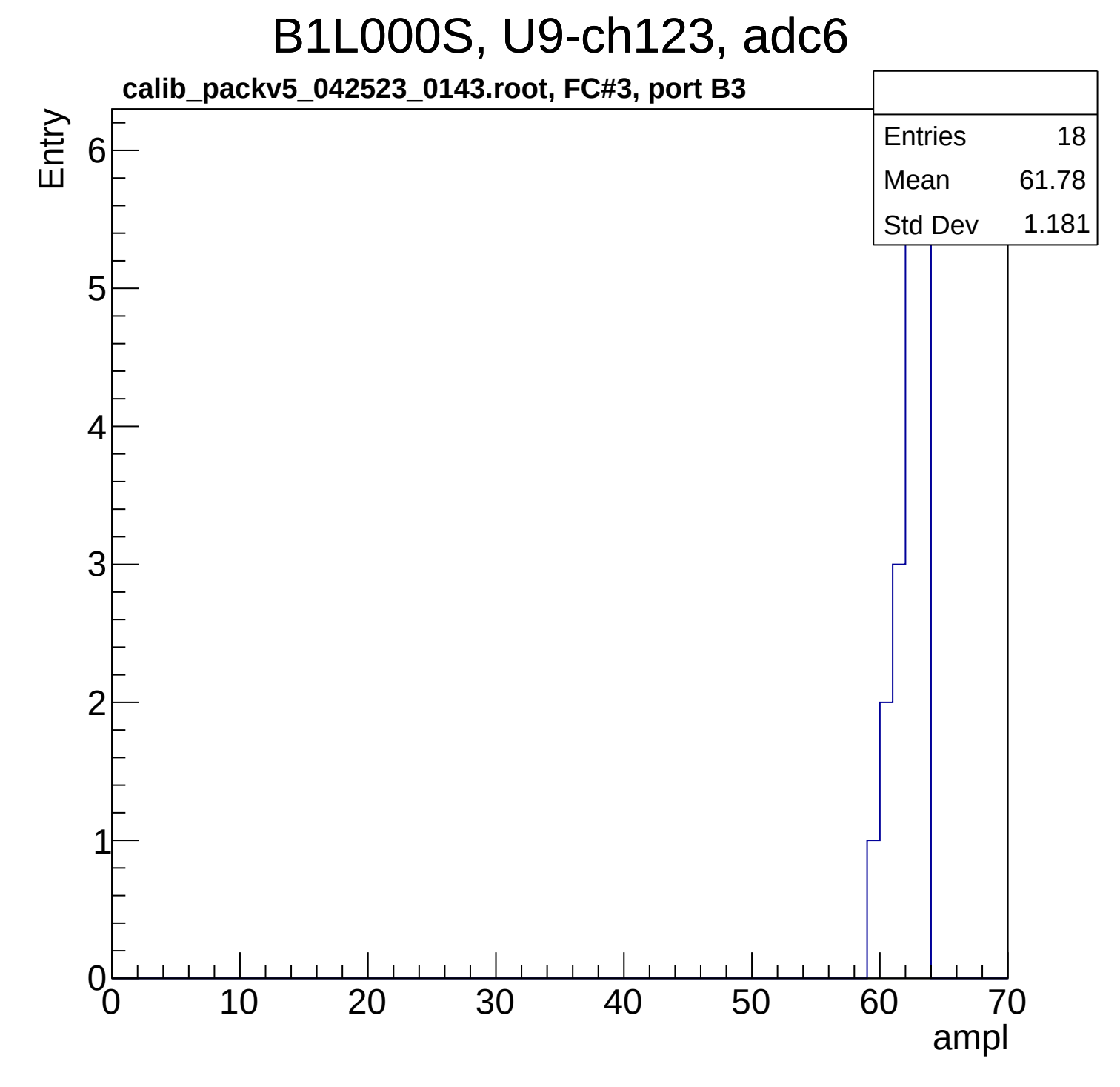
B1L000S, U9-ch123, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.78
Std Dev 1.181
Entry
ampl
0
1
2
3
4
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60
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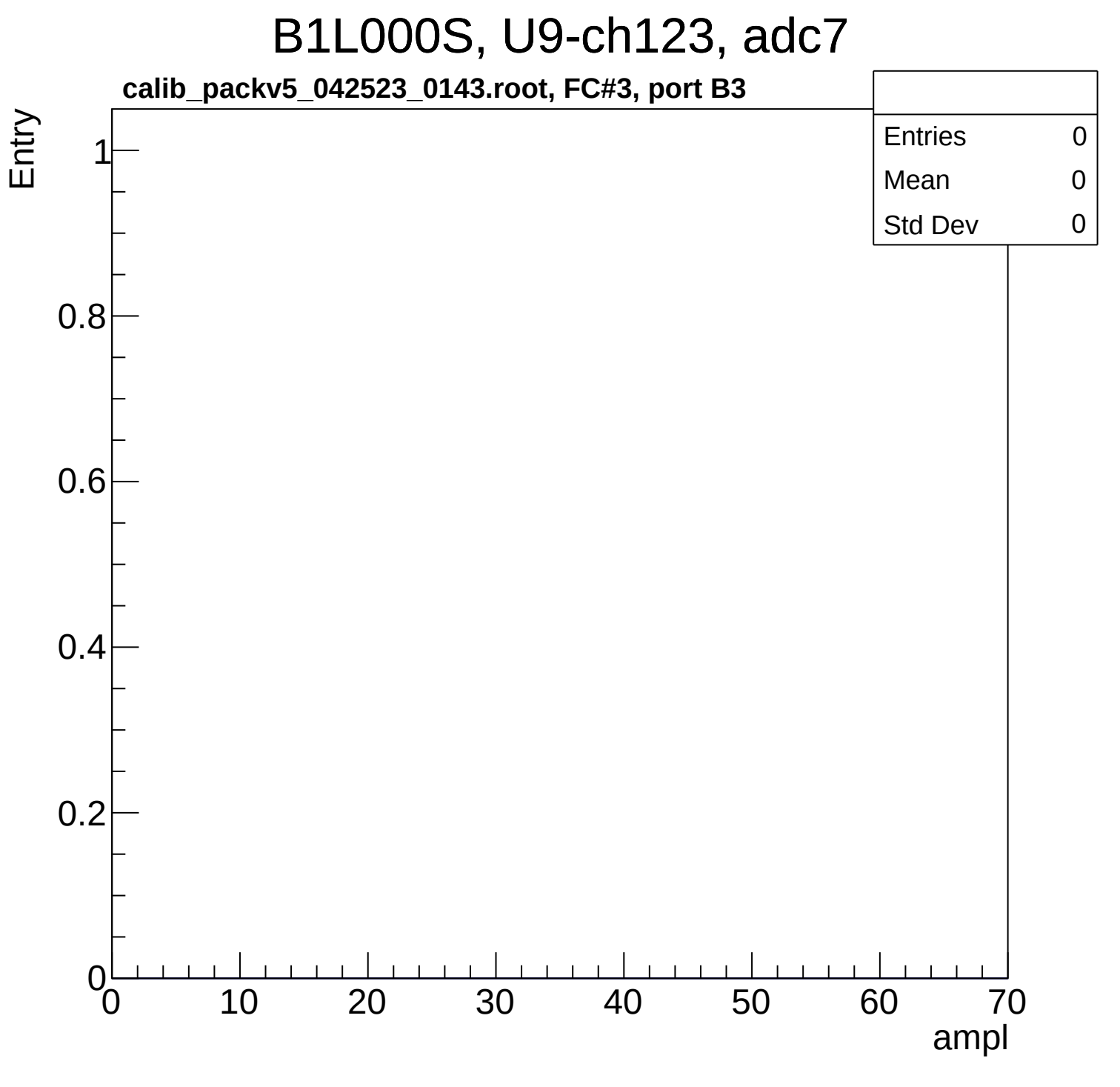
B1L000S, U9-ch123, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
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10
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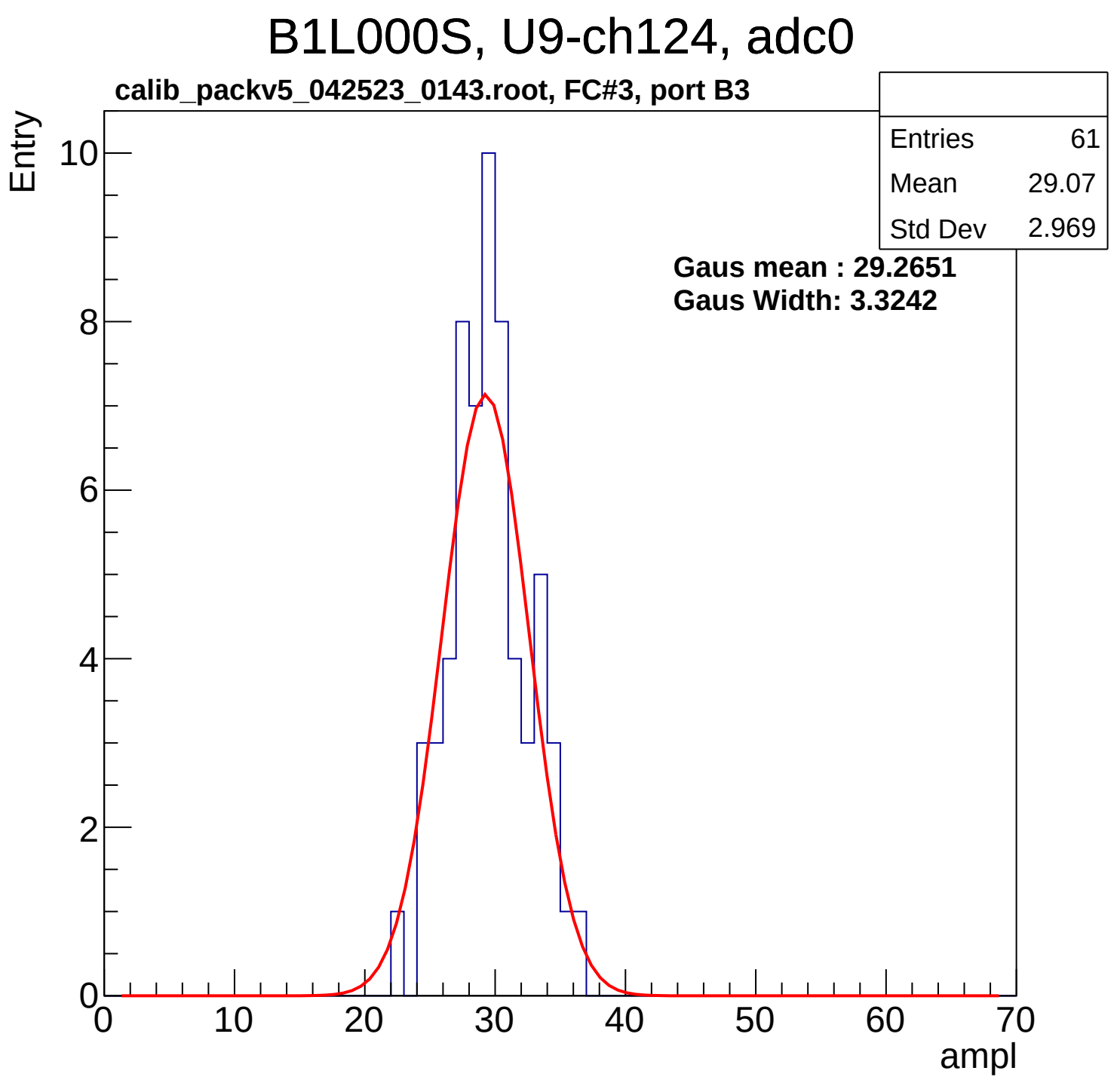
50
60
70
ampl


B1L000S, U9-ch124, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 29.07
Std Dev 2.969
Gaus mean : 29.2651
Gaus Width: 3.3242
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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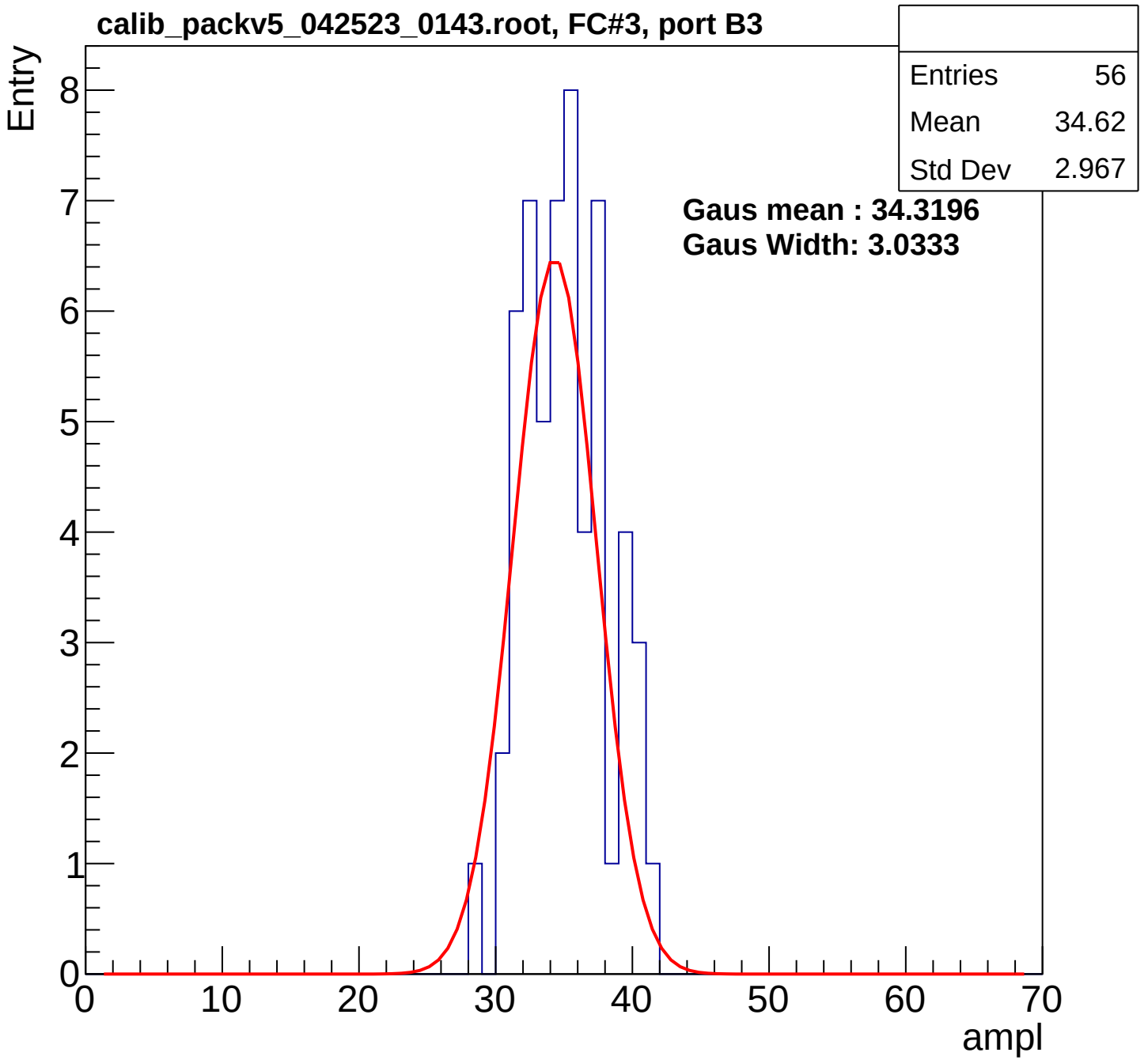
B1L000S, U9-ch124, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 34.62
Std Dev 2.967
Gaus mean : 34.3196
Gaus Width: 3.0333
Entry
ampl
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1
2
3
4
5
6
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0
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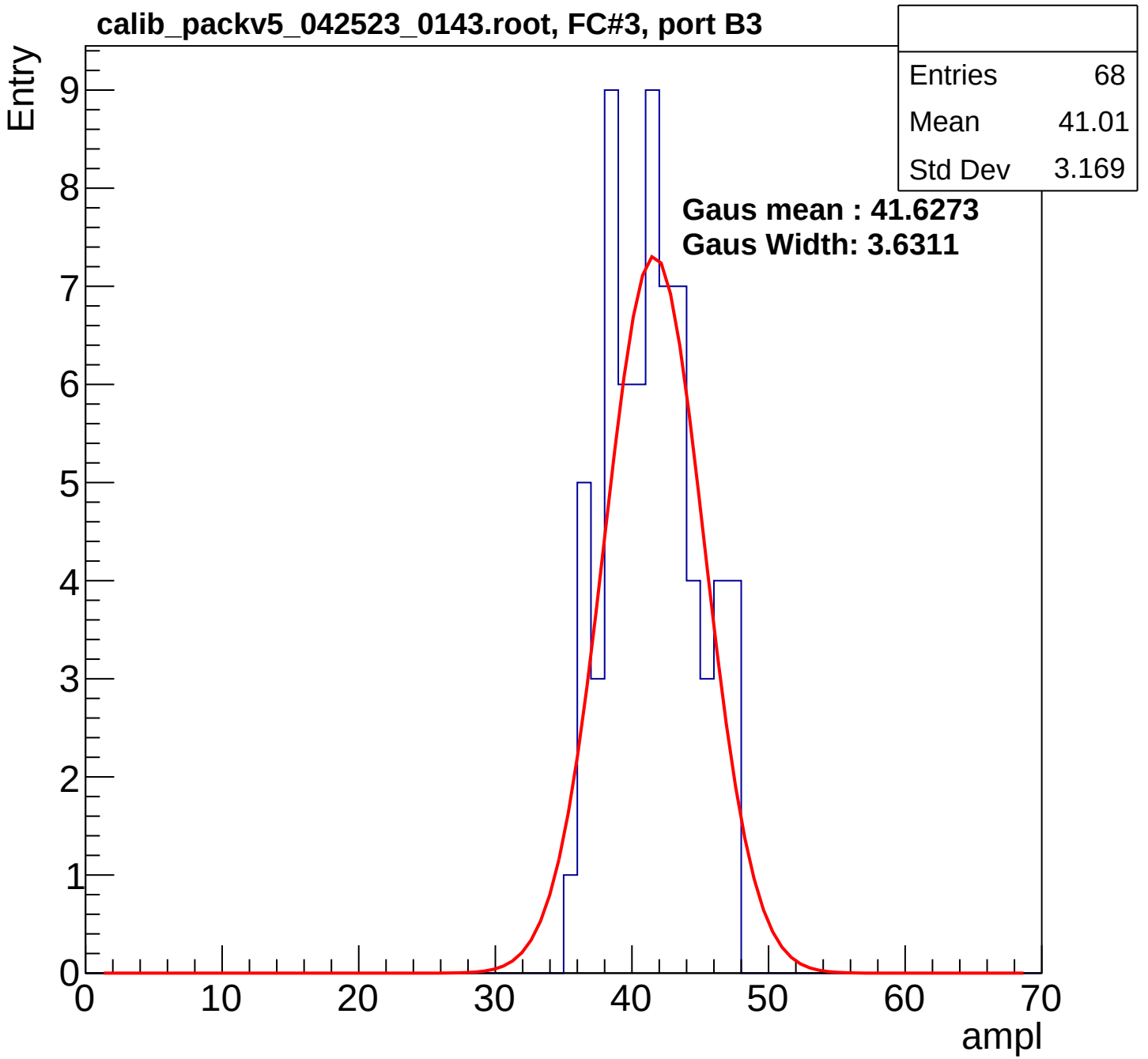
B1L000S, U9-ch124, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 41.01
Std Dev 3.169
Gaus mean : 41.6273
Gaus Width: 3.6311
Entry
ampl
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2
3
4
5
6
7
8
9
0
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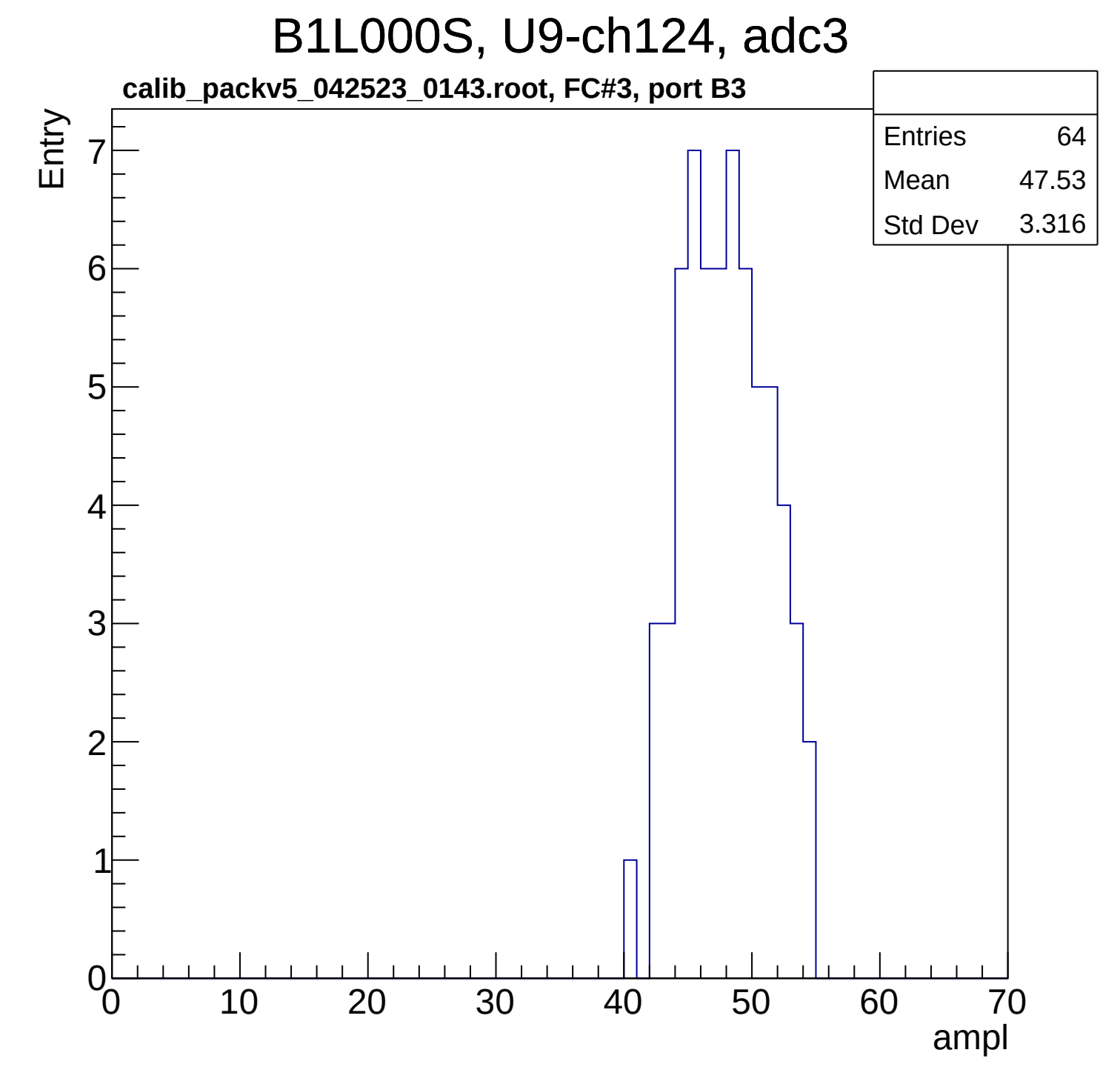
B1L000S, U9-ch124, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.53
Std Dev 3.316
Entry
ampl
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1
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3
4
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0
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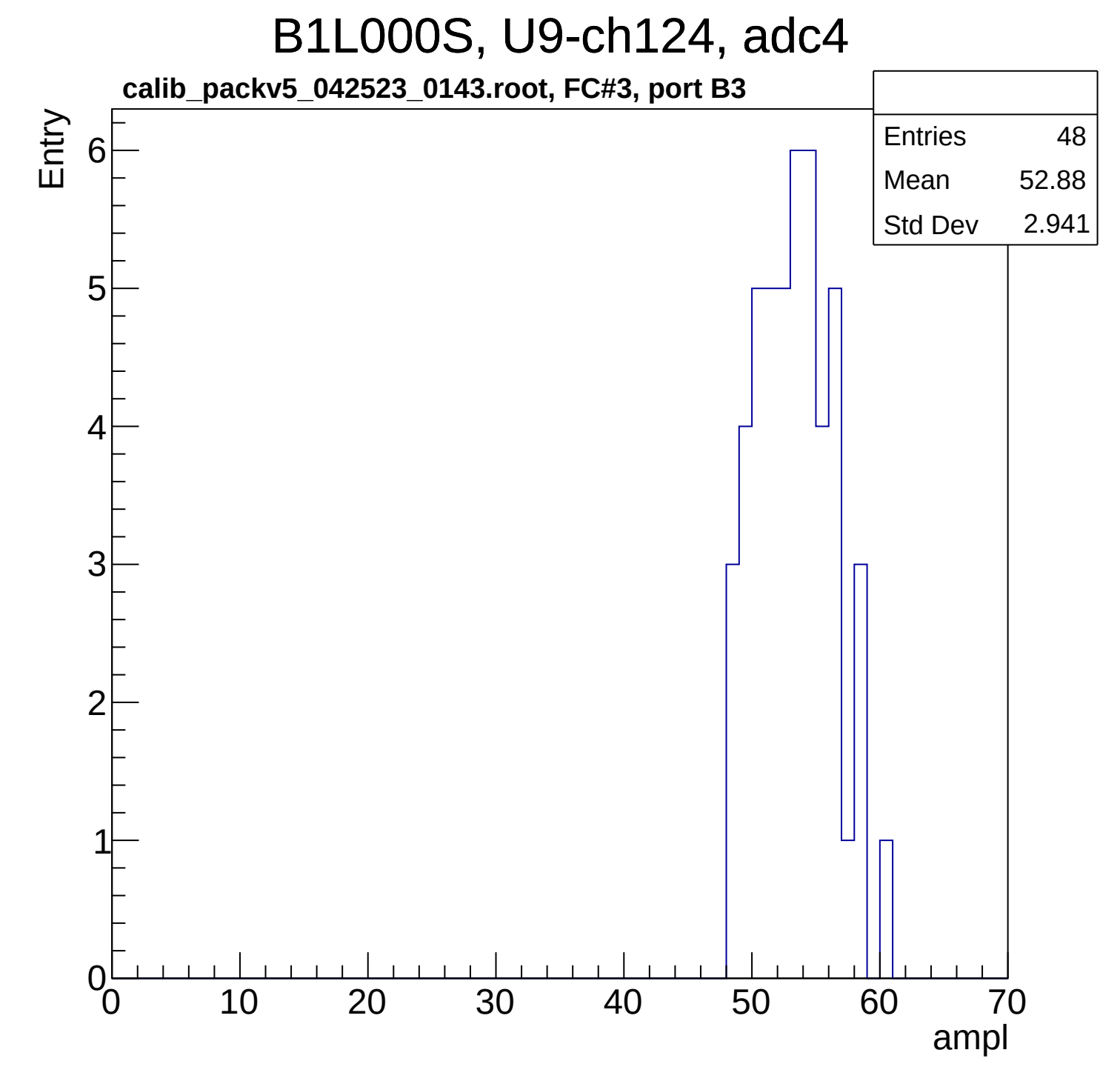
B1L000S, U9-ch124, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 52.88
Std Dev 2.941
Entry
0
1
2
3
4
5
6
0
10
20
30
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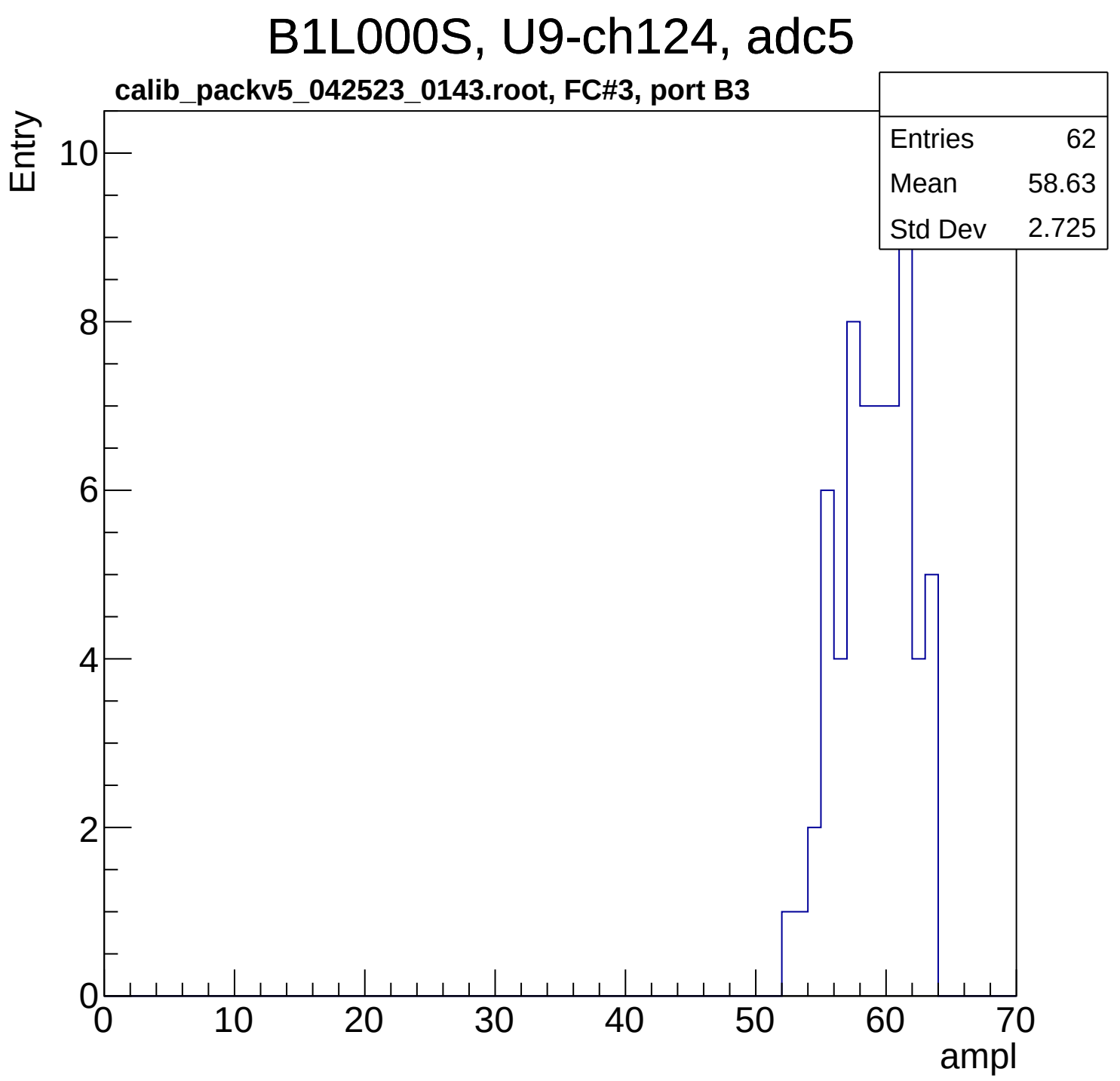
50
60
70
ampl


B1L000S, U9-ch124, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 58.63
Std Dev 2.725
Entry
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2
4
6
8
10
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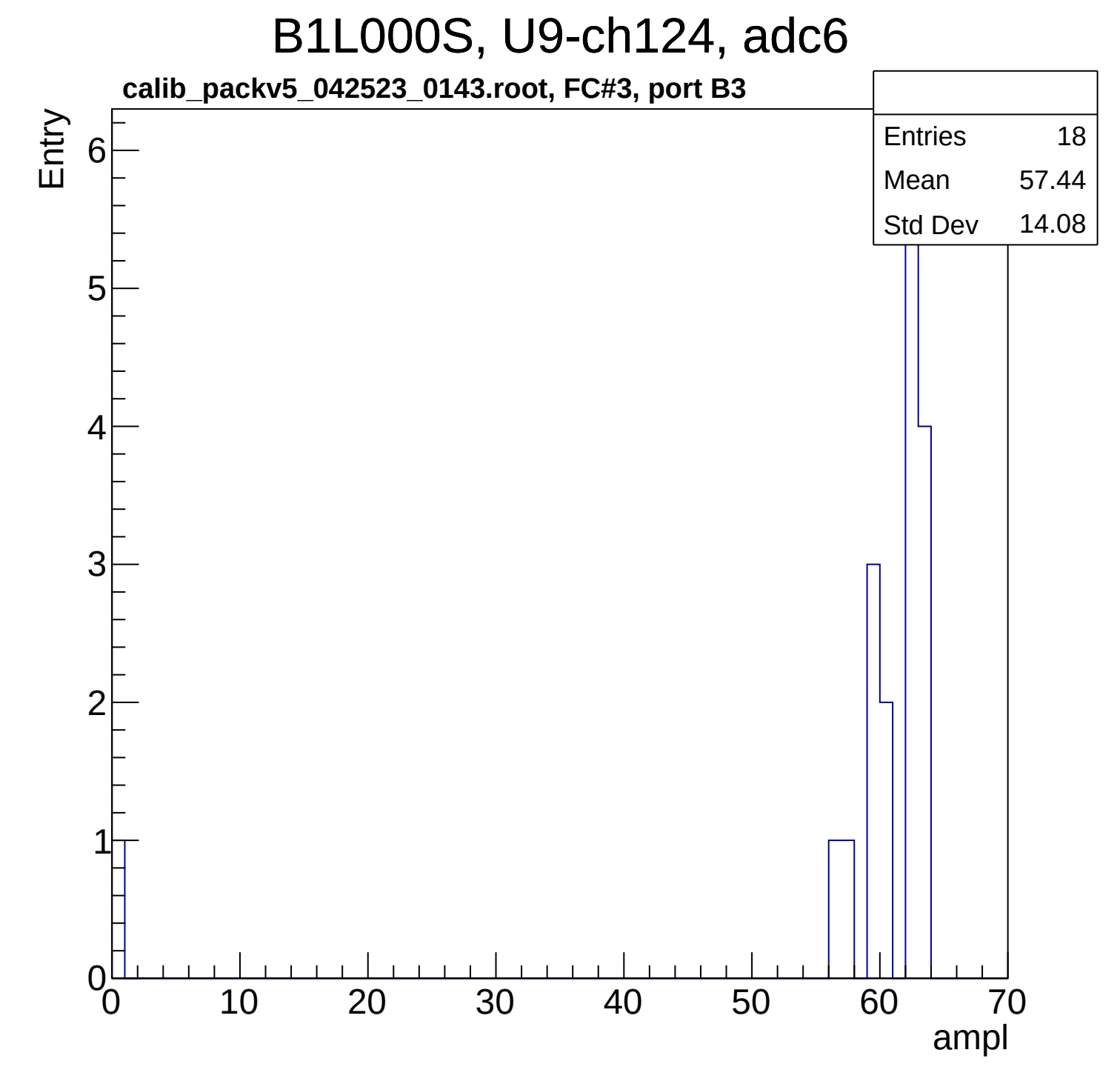
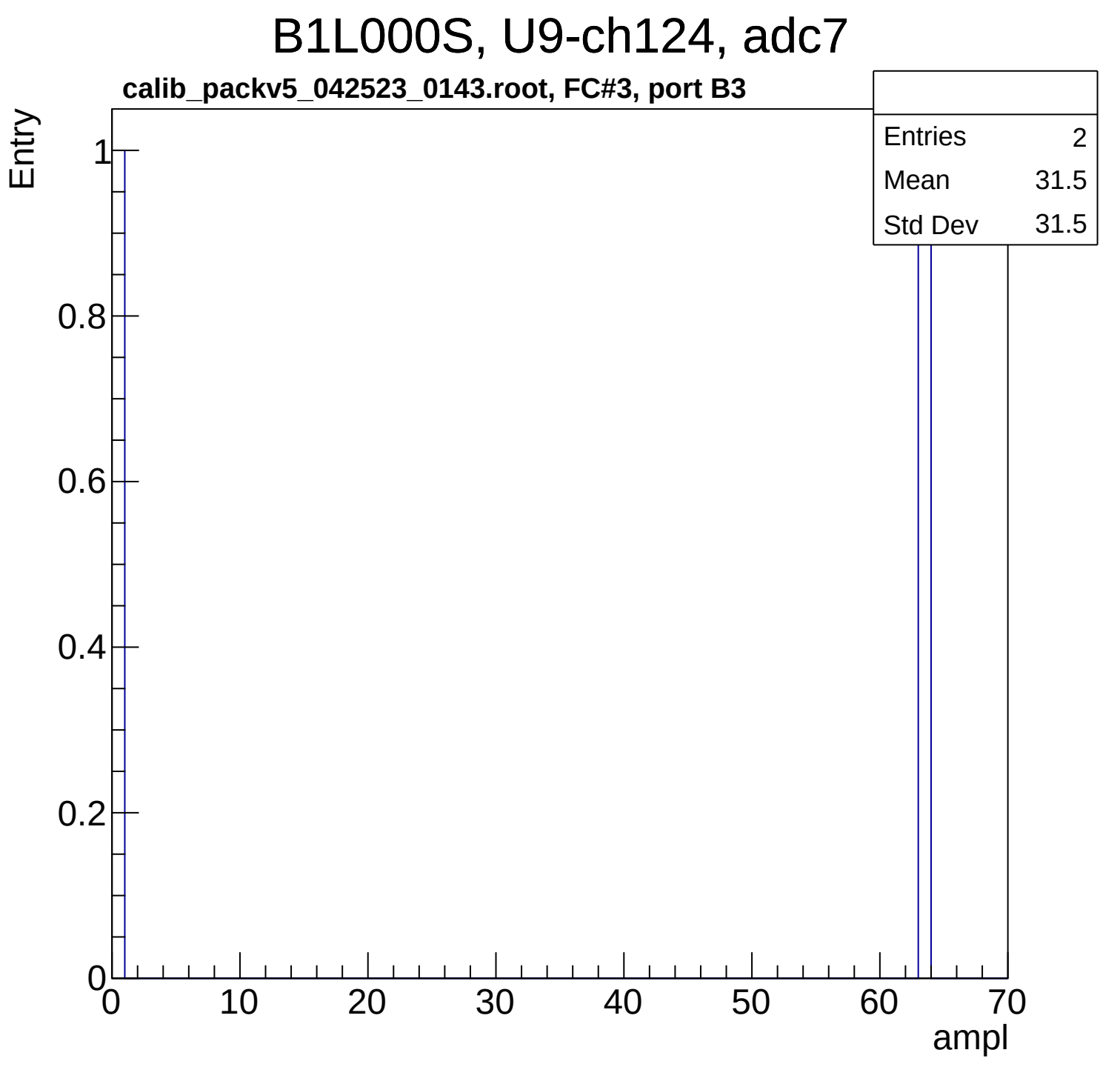
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch124, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 57.44
Std Dev 14.08
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch124, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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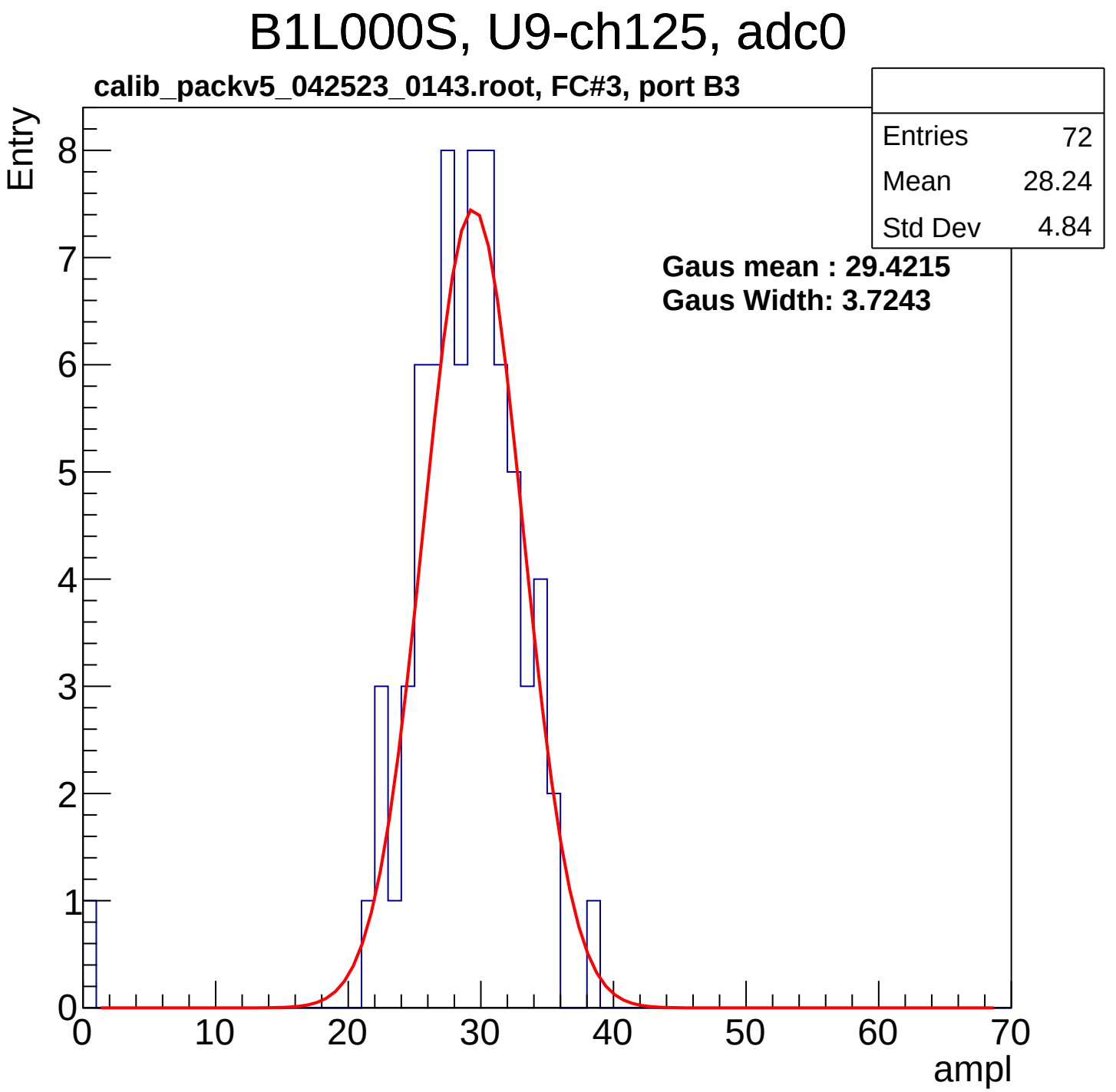
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch125, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.24
Std Dev 4.84
Gaus mean : 29.4215
Gaus Width: 3.7243
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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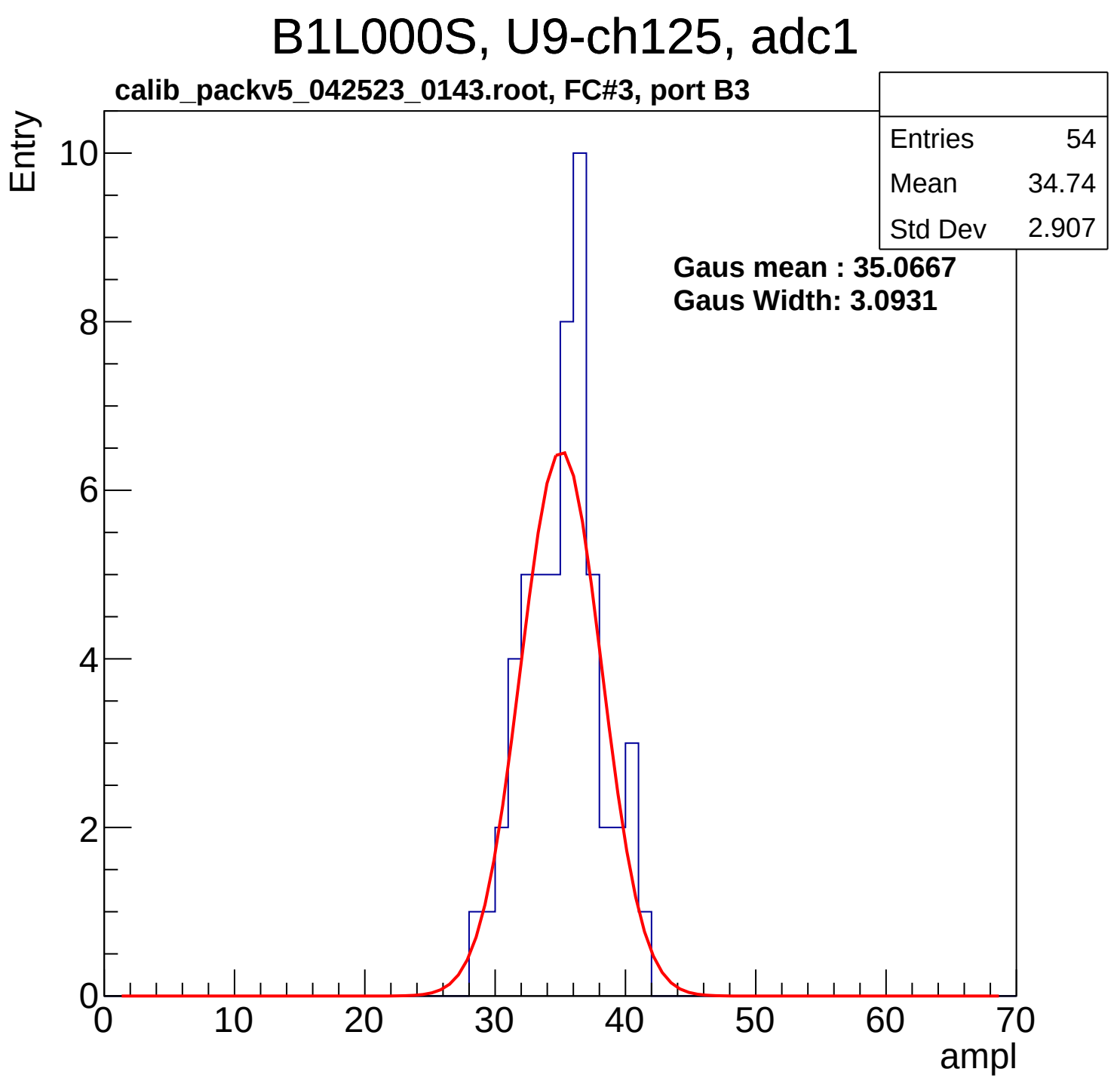
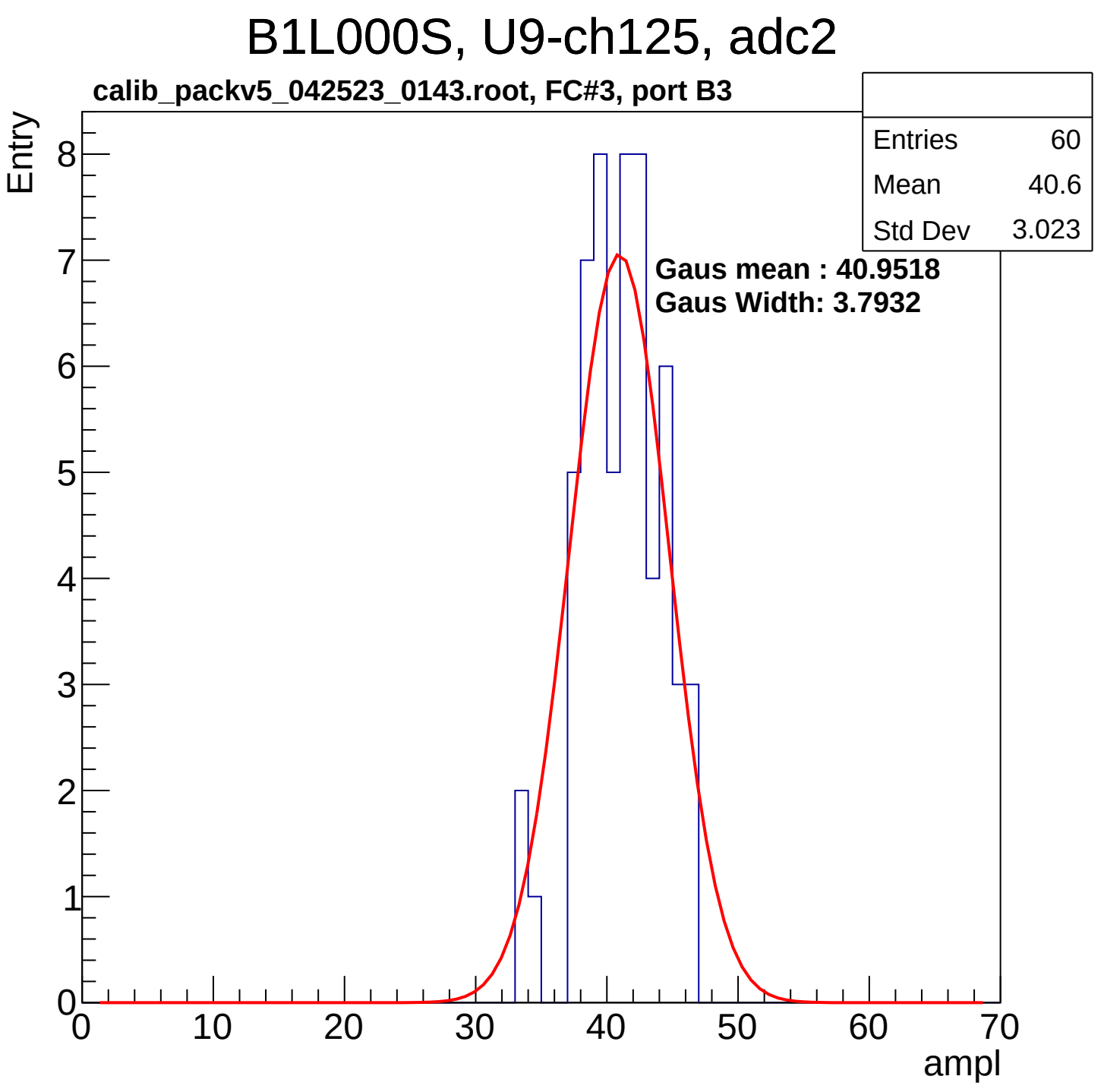

B1L000S, U9-ch125, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 34.74
Std Dev 2.907
Gaus mean : 35.0667
Gaus Width: 3.0931
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U9-ch125, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 40.6
Std Dev 3.023
Gaus mean : 40.9518
Gaus Width: 3.7932
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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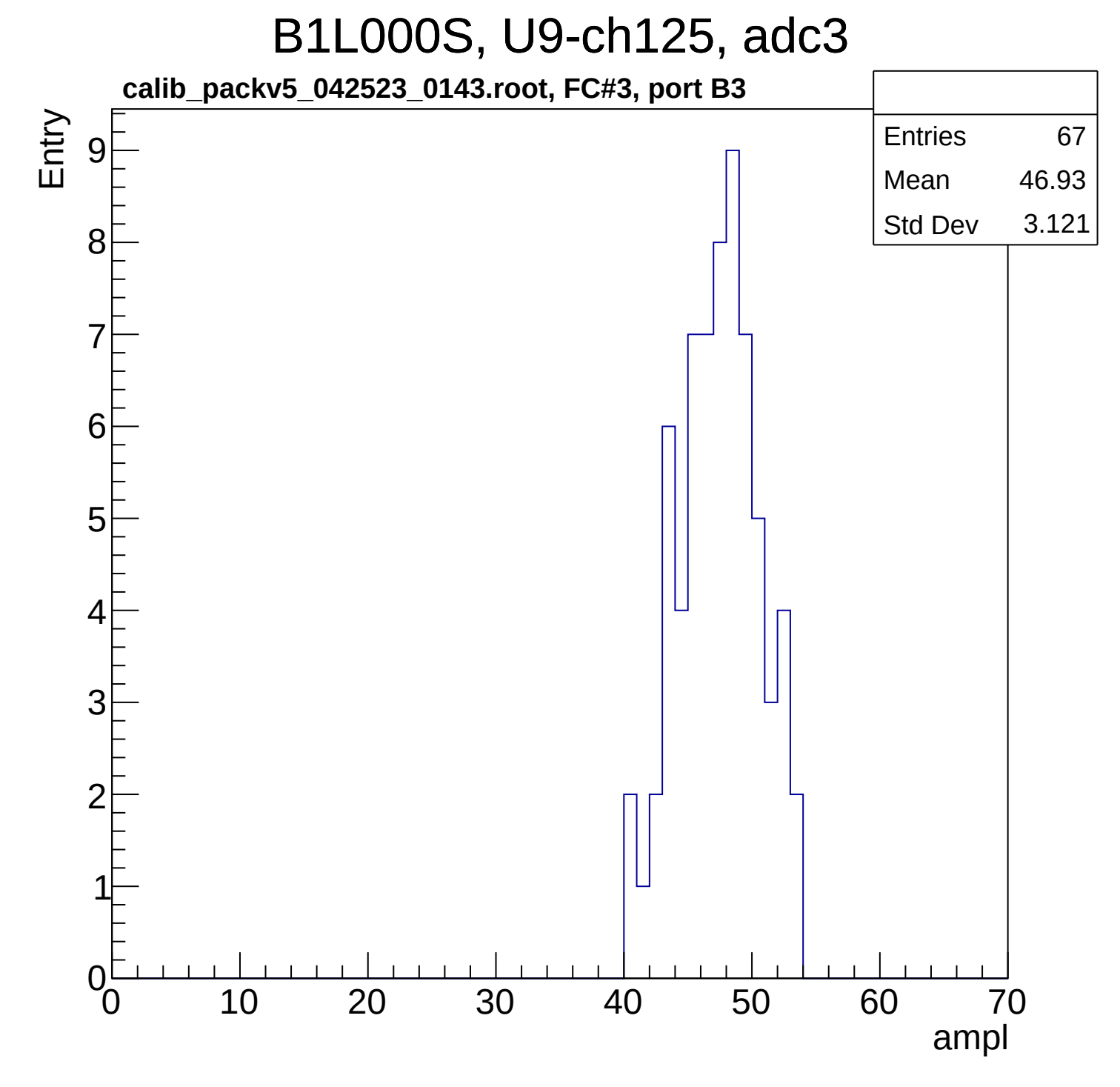
B1L000S, U9-ch125, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 46.93
Std Dev 3.121
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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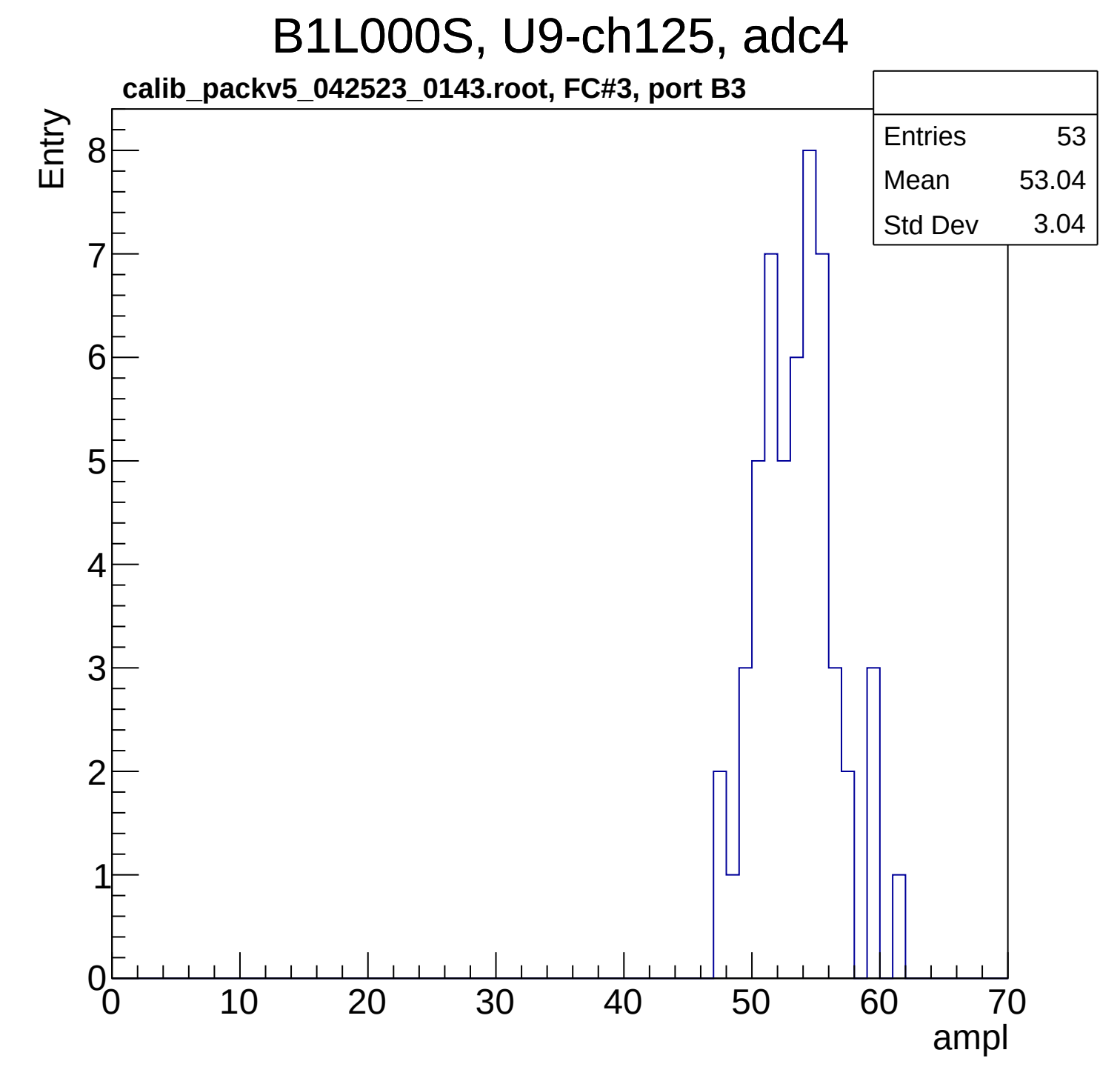
B1L000S, U9-ch125, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.04
Std Dev 3.04
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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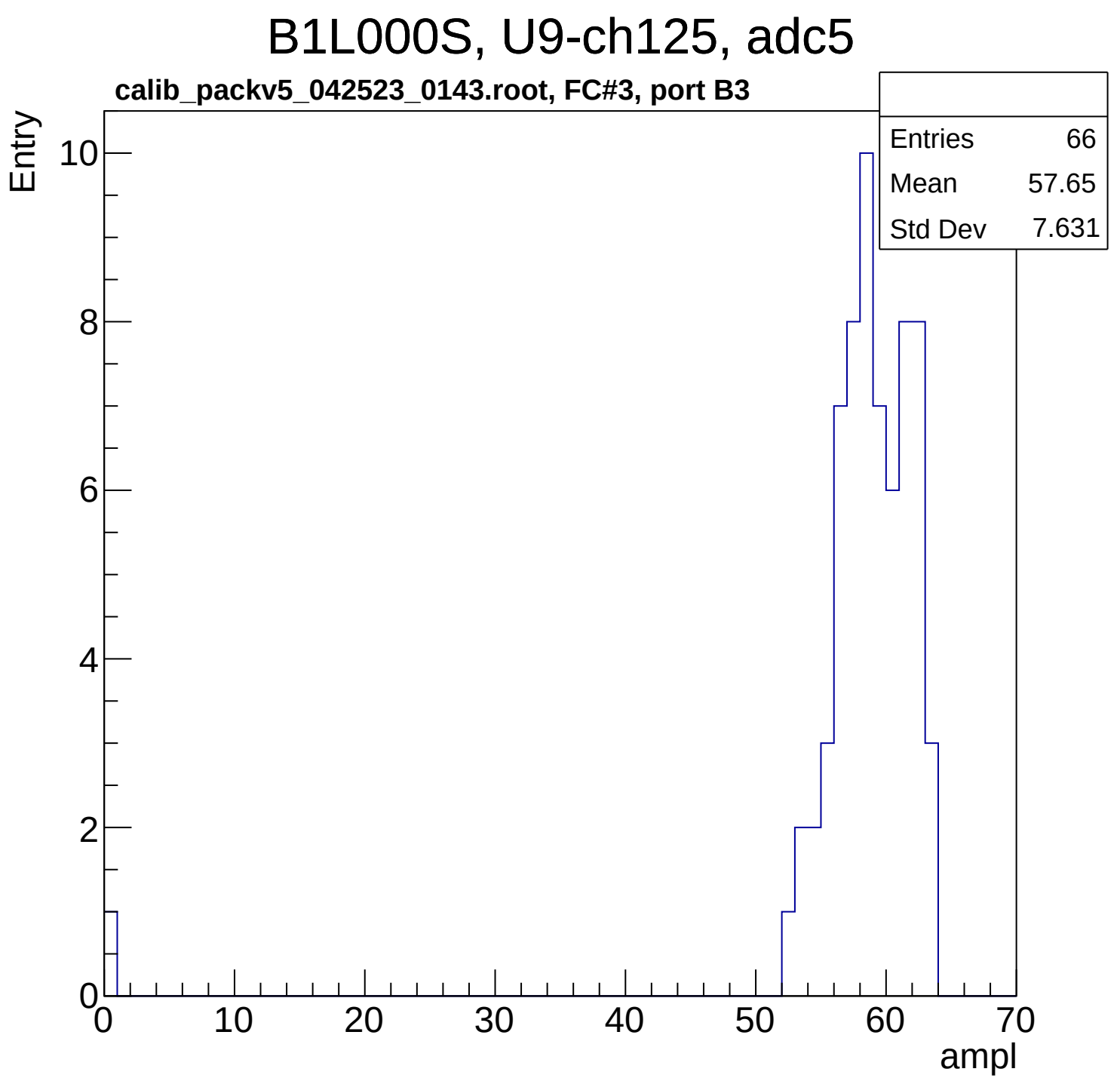
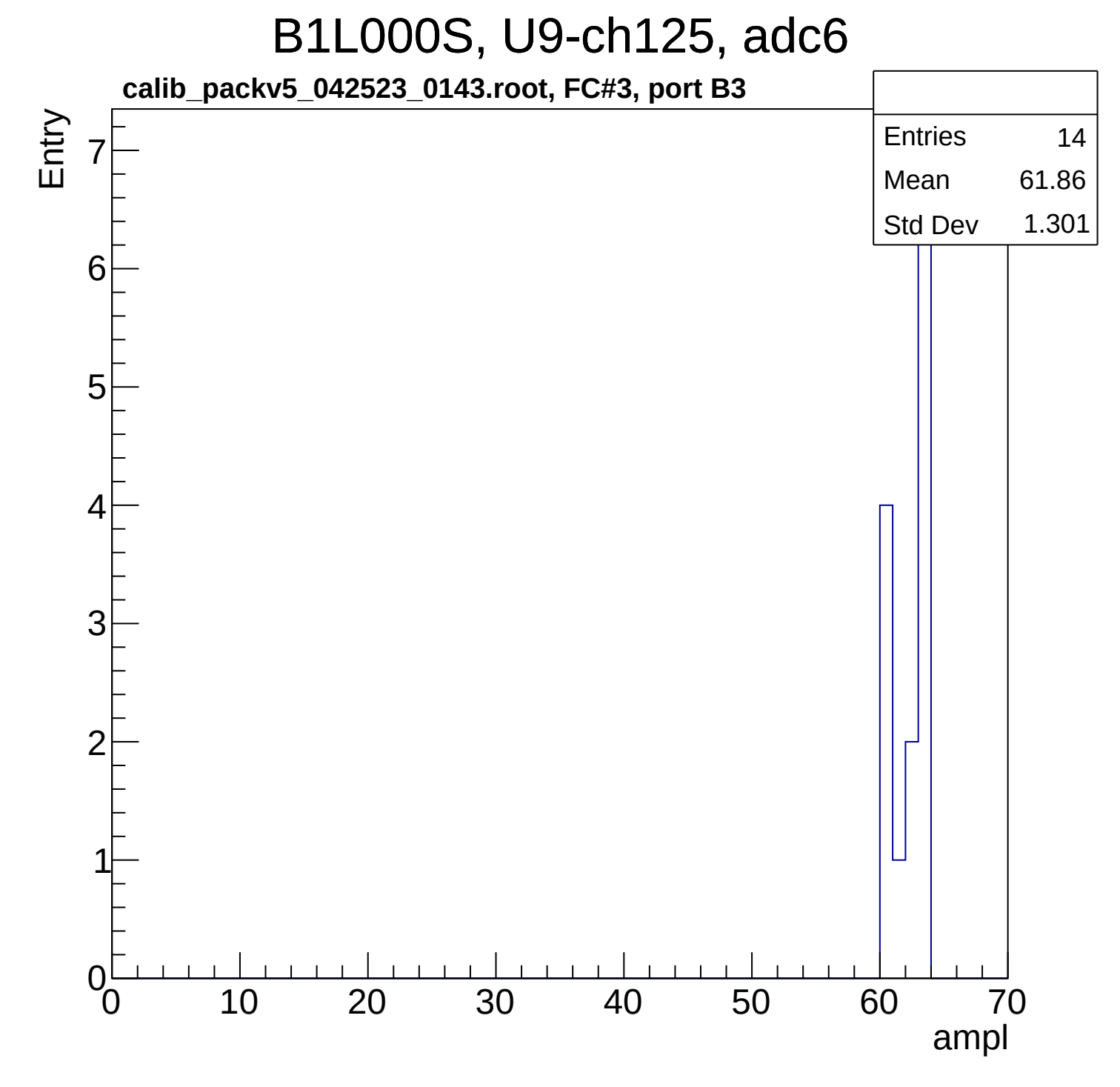

B1L000S, U9-ch125, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 57.65
Std Dev 7.631
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch125, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.86
Std Dev 1.301
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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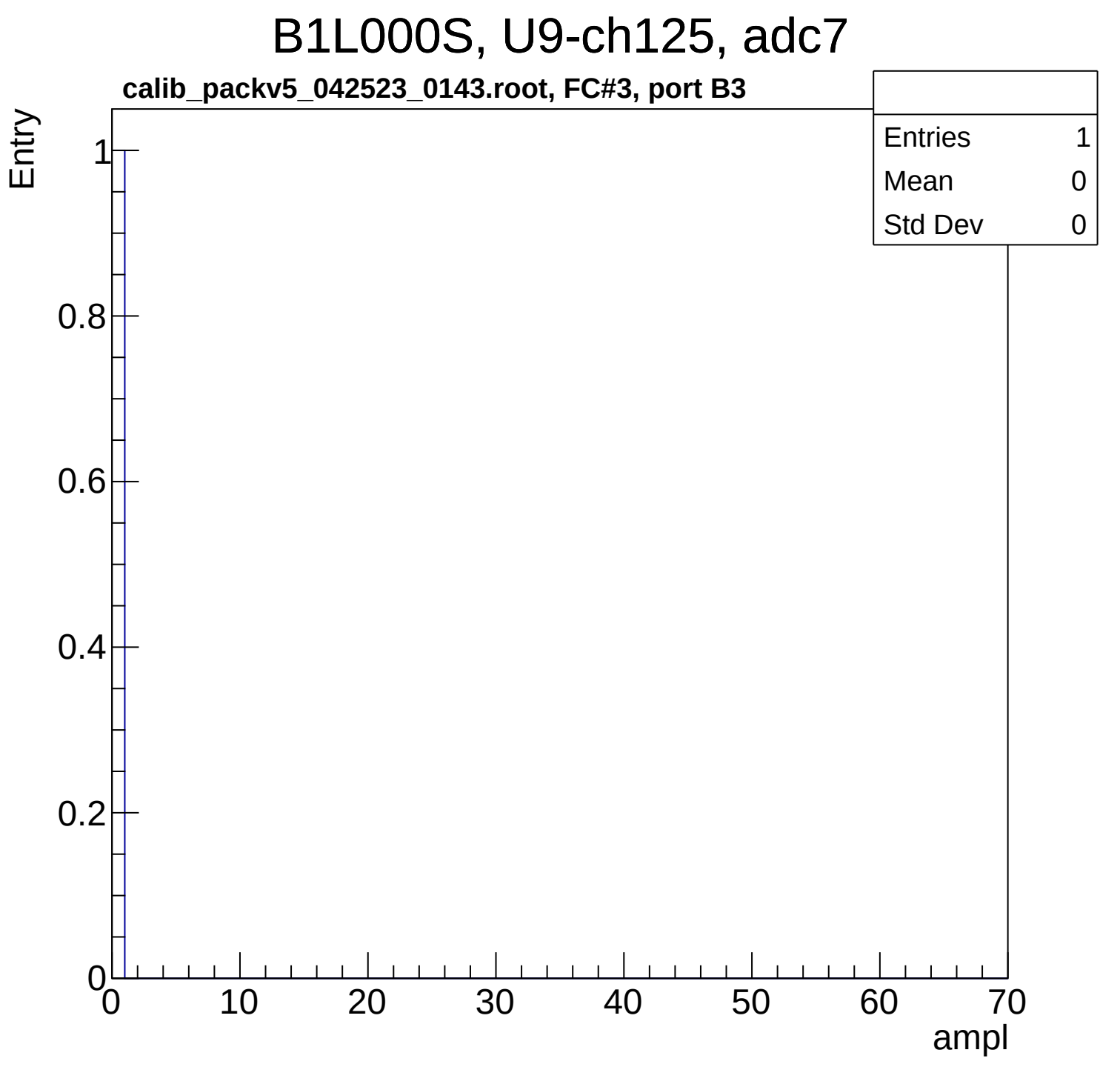
B1L000S, U9-ch125, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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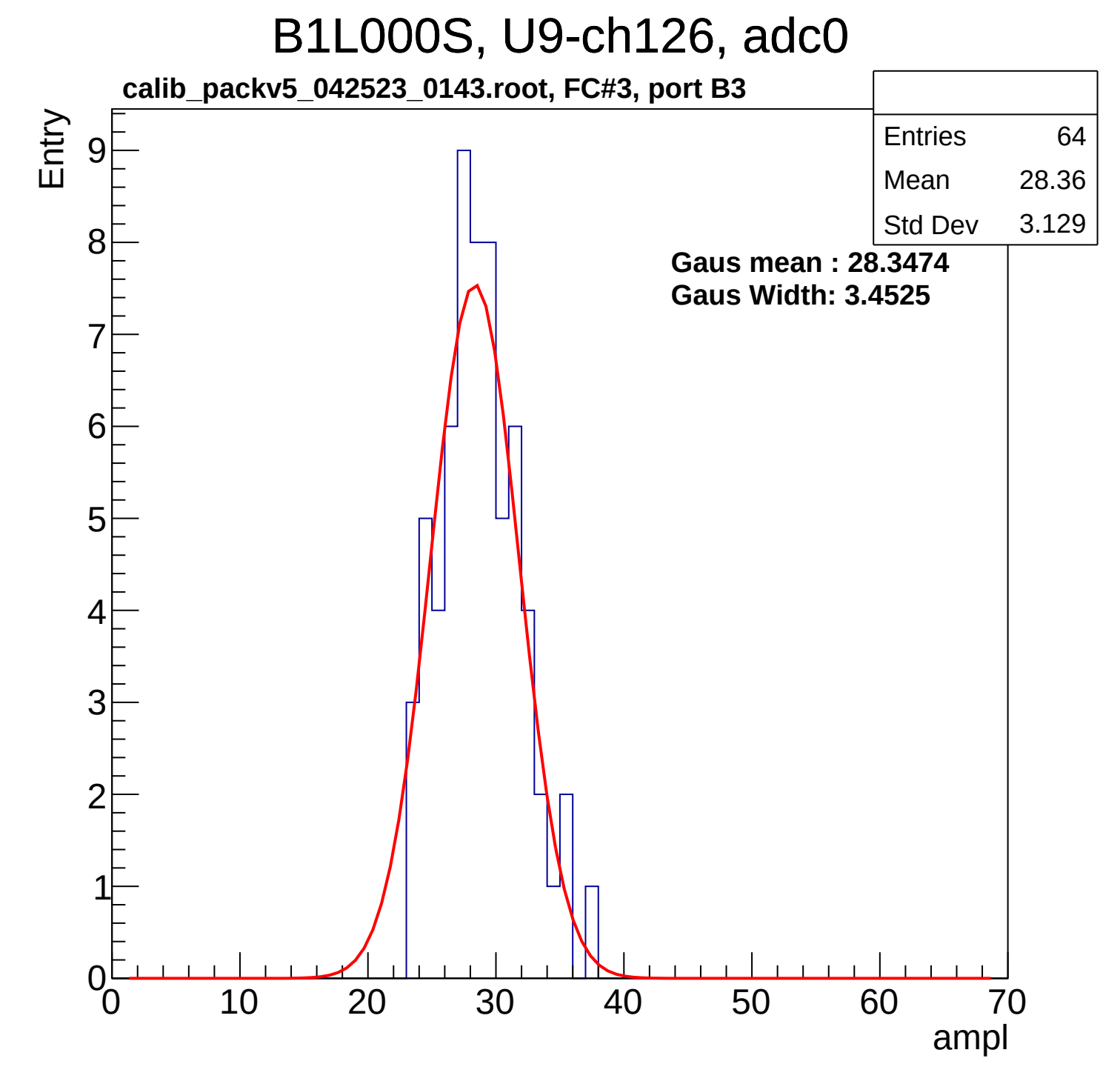
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch126, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.36
Std Dev 3.129
Gaus mean : 28.3474
Gaus Width: 3.4525
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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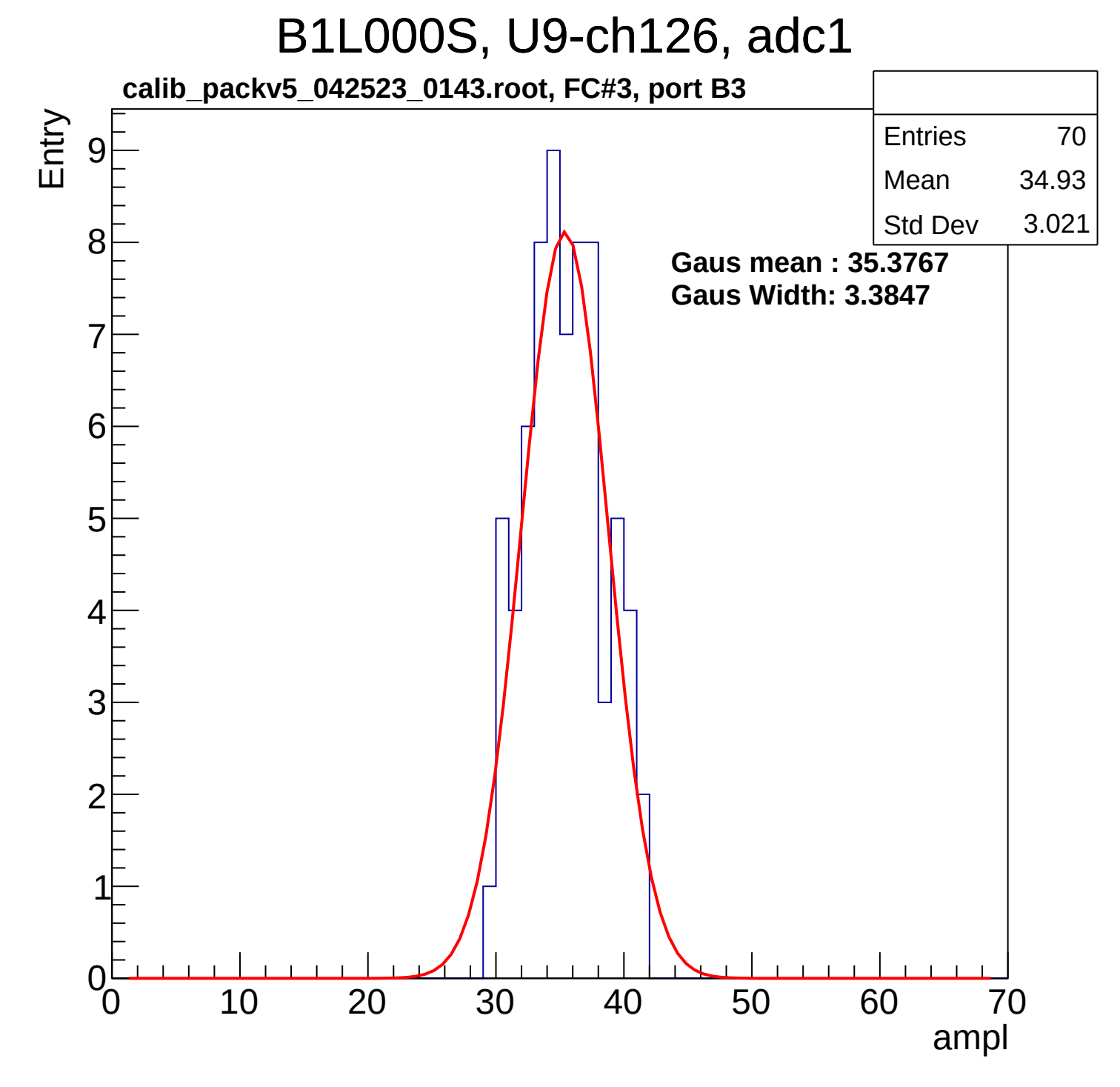
B1L000S, U9-ch126, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 34.93
Std Dev 3.021
Gaus mean : 35.3767
Gaus Width: 3.3847
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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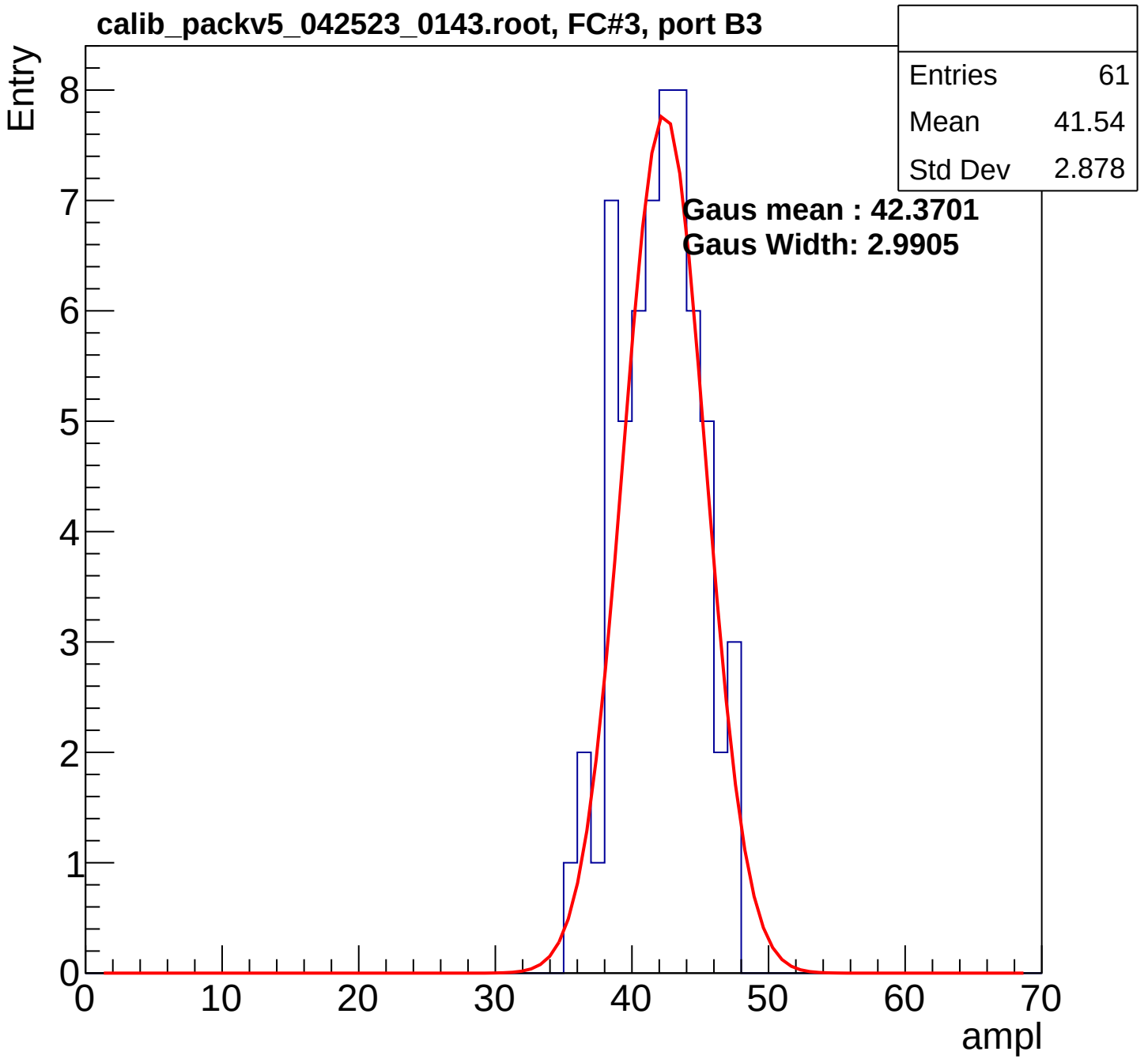
B1L000S, U9-ch126, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.54
Std Dev 2.878
Gaus mean : 42.3701
Gaus Width: 2.9905
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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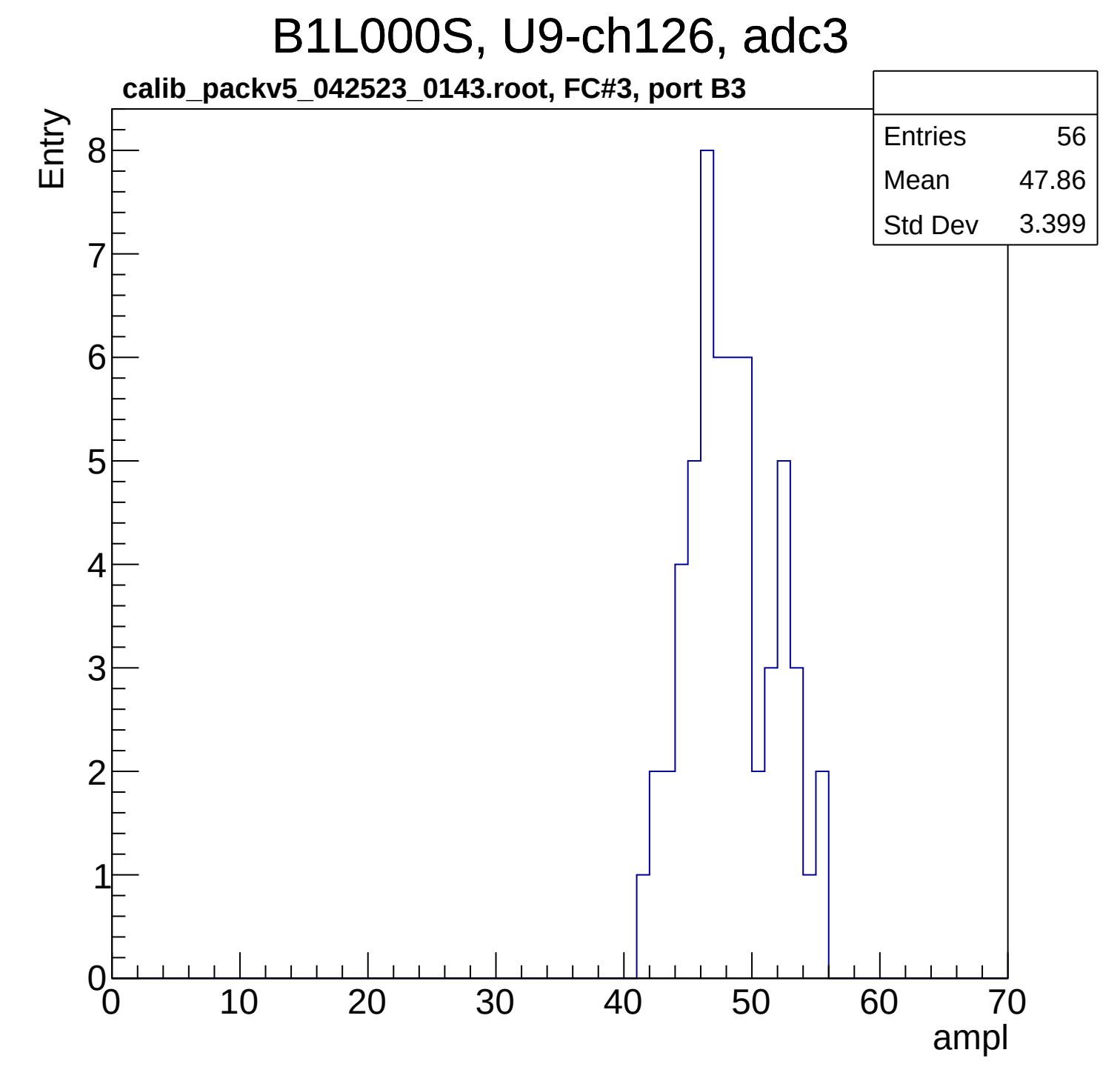
B1L000S, U9-ch126, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 47.86
Std Dev 3.399
Entry
ampl
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0
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60
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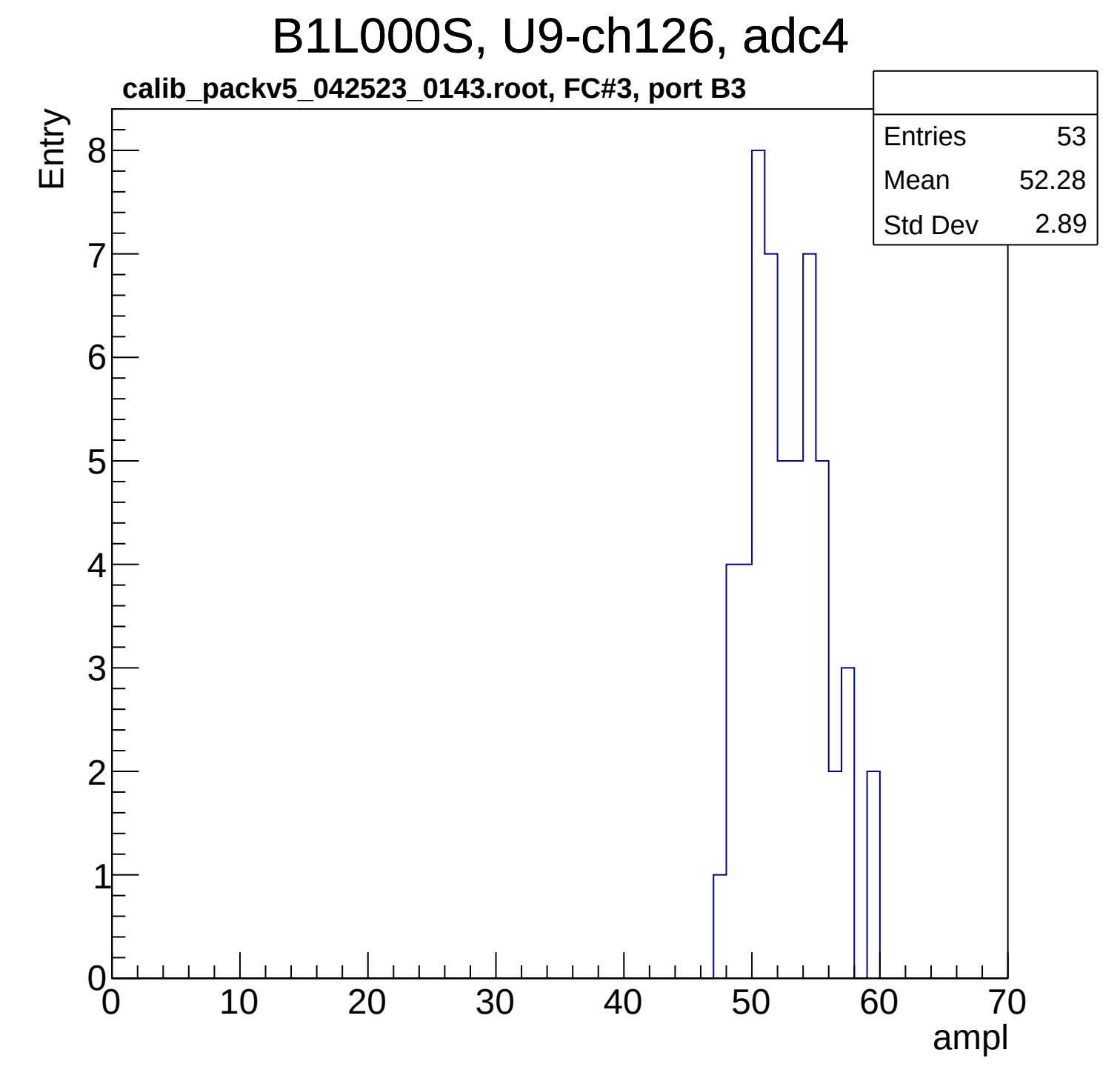
B1L000S, U9-ch126, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 52.28
Std Dev 2.89
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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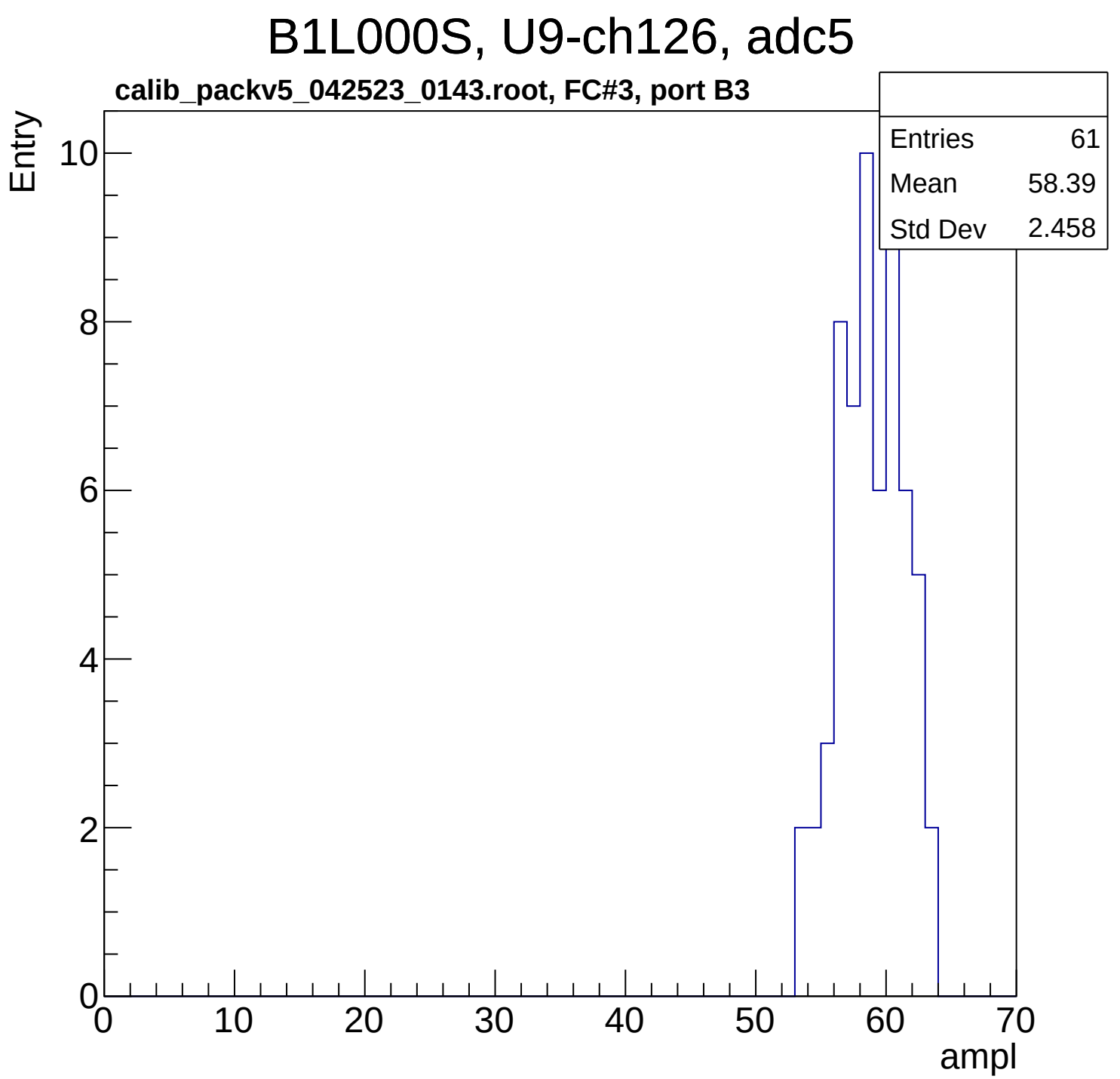
B1L000S, U9-ch126, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.39
Std Dev 2.458
Entry
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6
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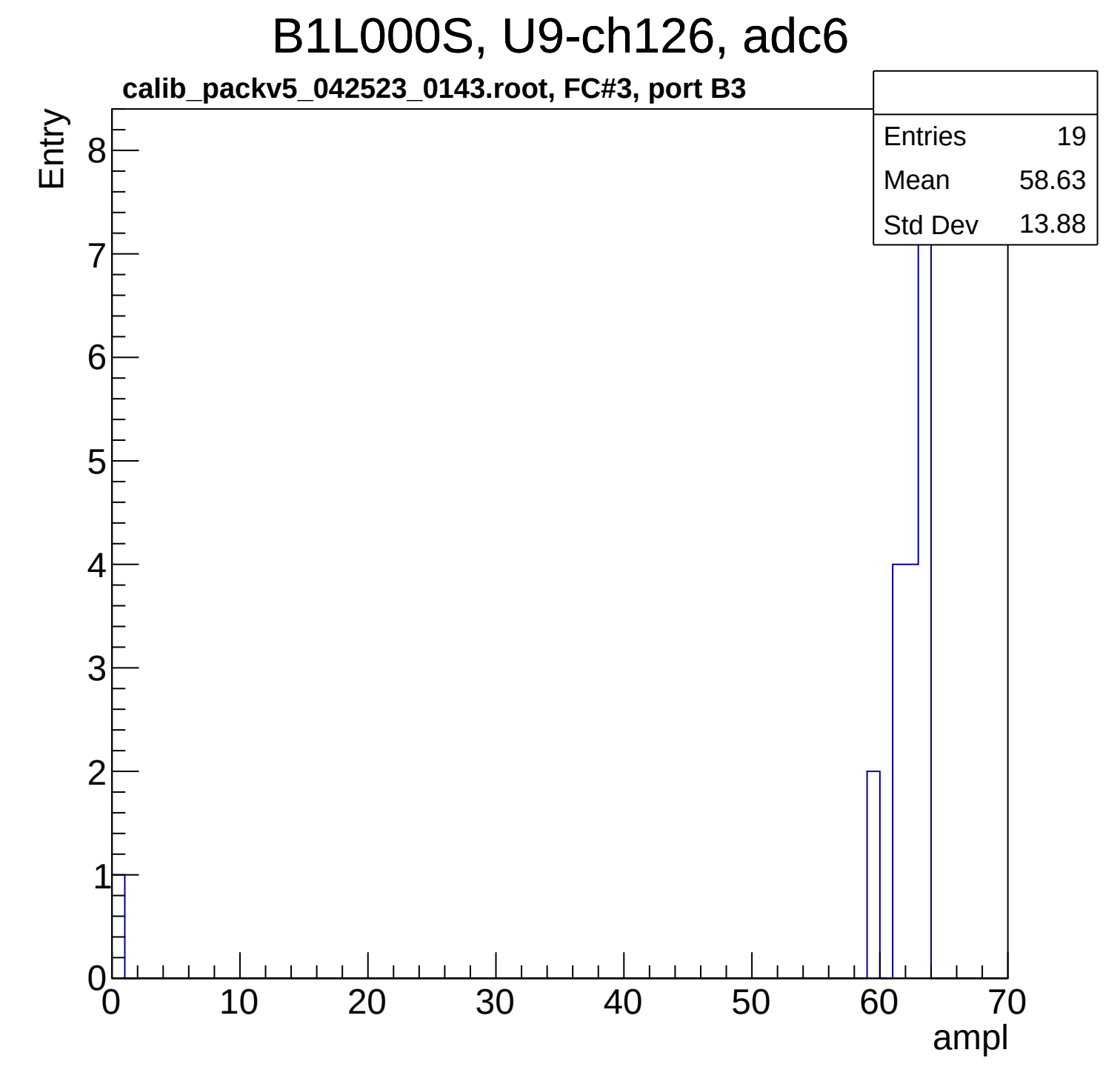
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U9-ch126, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.63
Std Dev 13.88
Entry
ampl
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0
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40
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60
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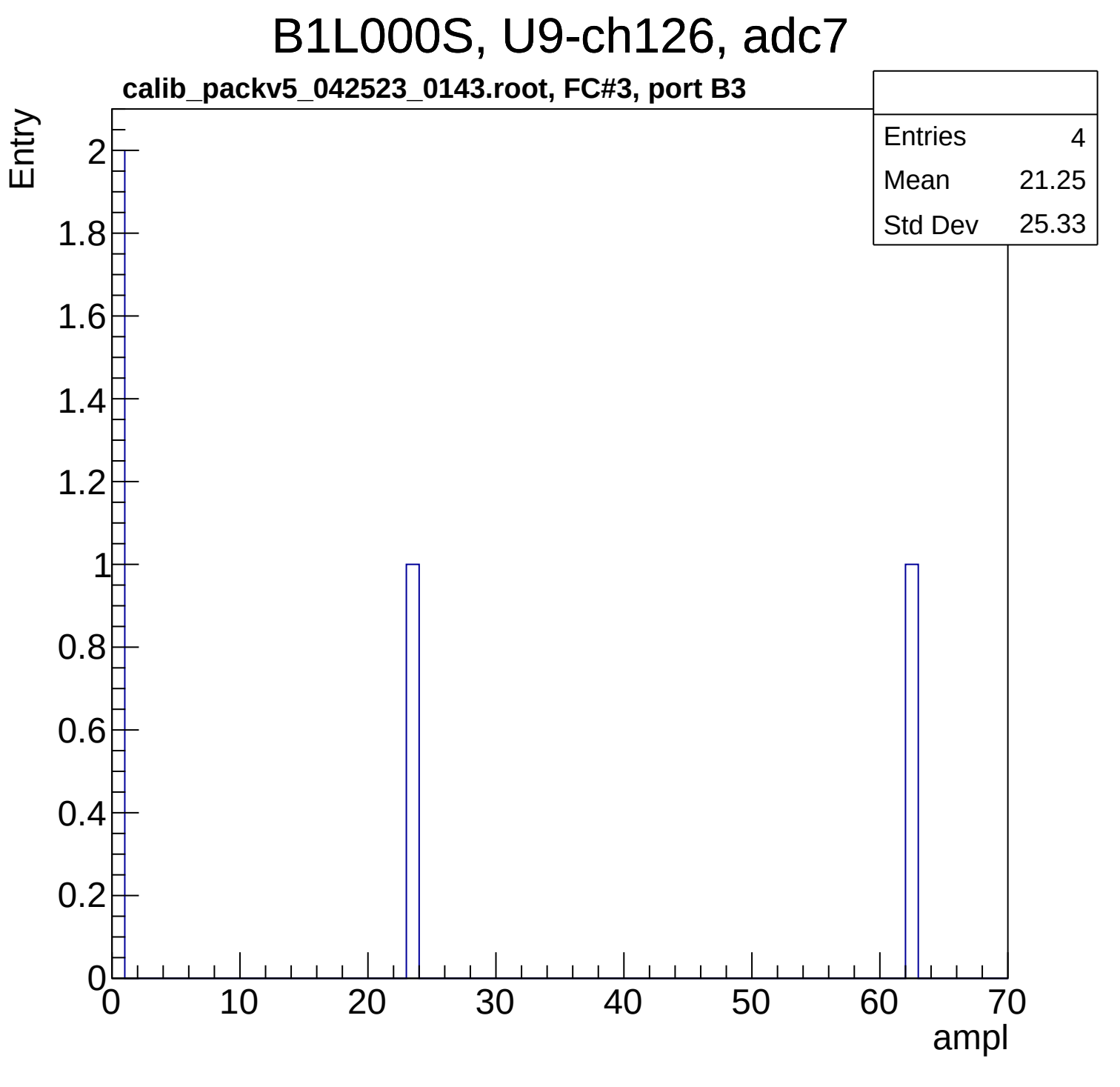
B1L000S, U9-ch126, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 21.25
Std Dev 25.33
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
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60
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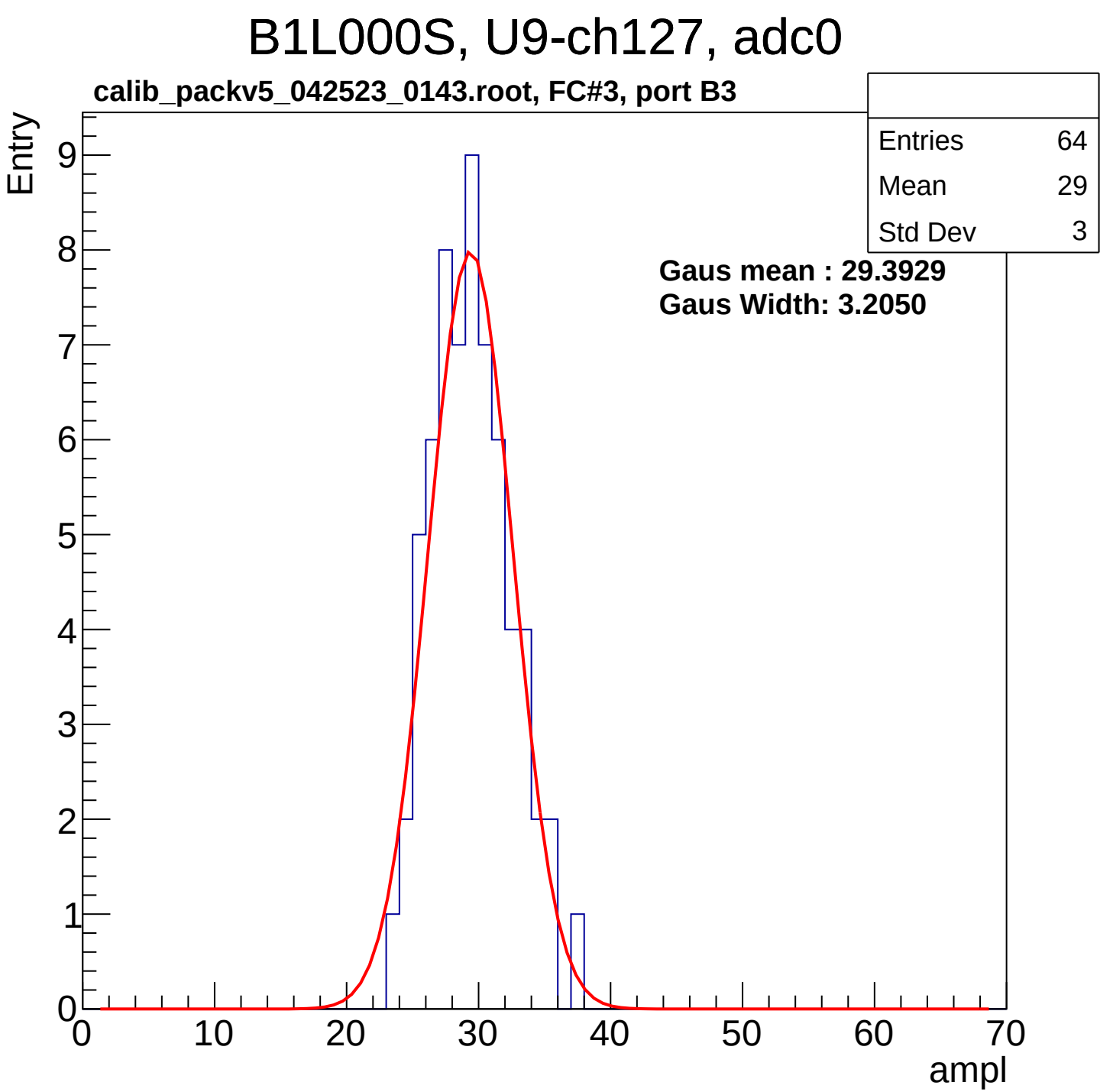
B1L000S, U9-ch127, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29
Std Dev 3
Gaus mean : 29.3929
Gaus Width: 3.2050
Entry
ampl
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2
3
4
5
6
7
8
9
0
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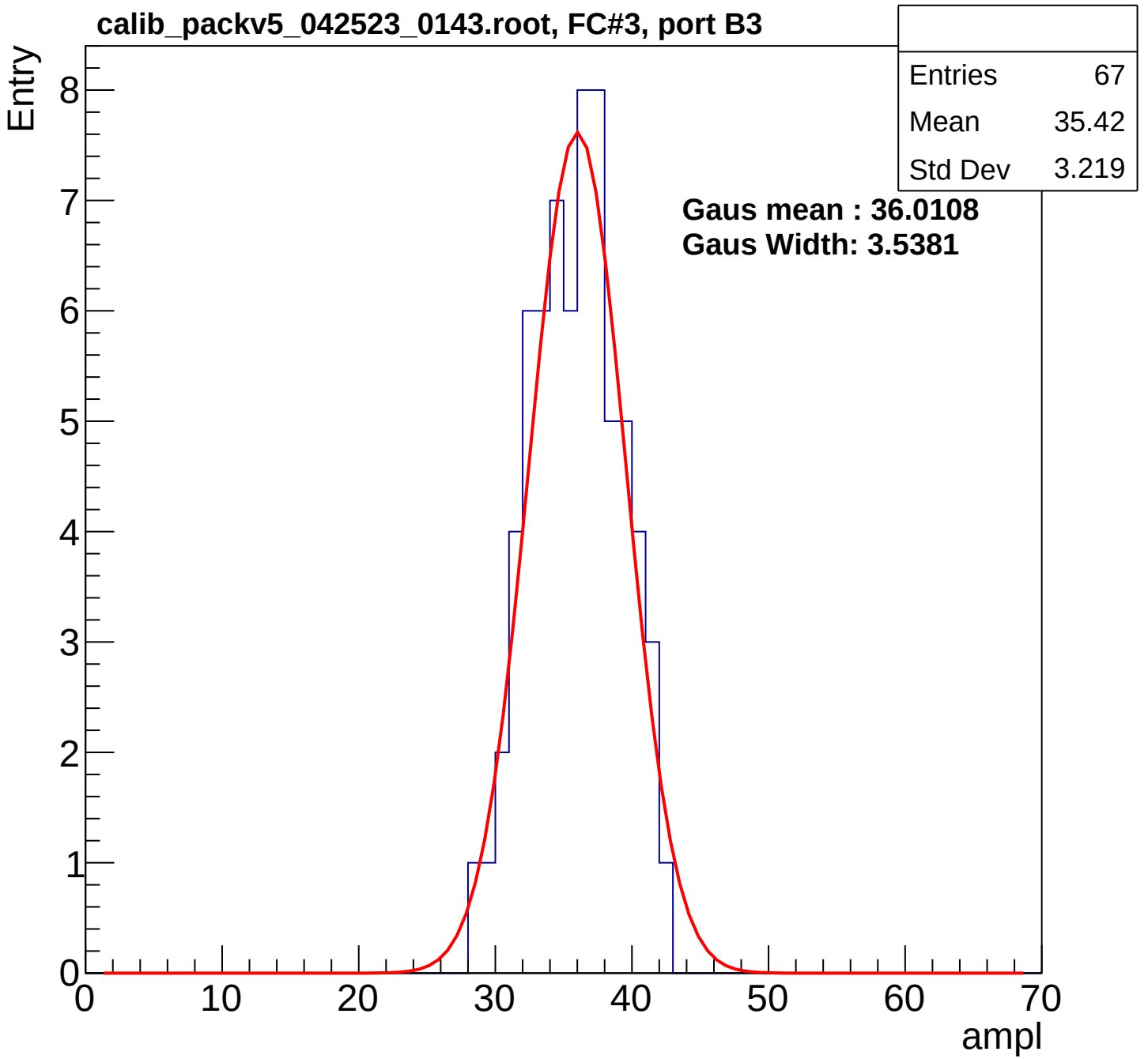
B1L000S, U9-ch127, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.42
Std Dev 3.219
Gaus mean : 36.0108
Gaus Width: 3.5381
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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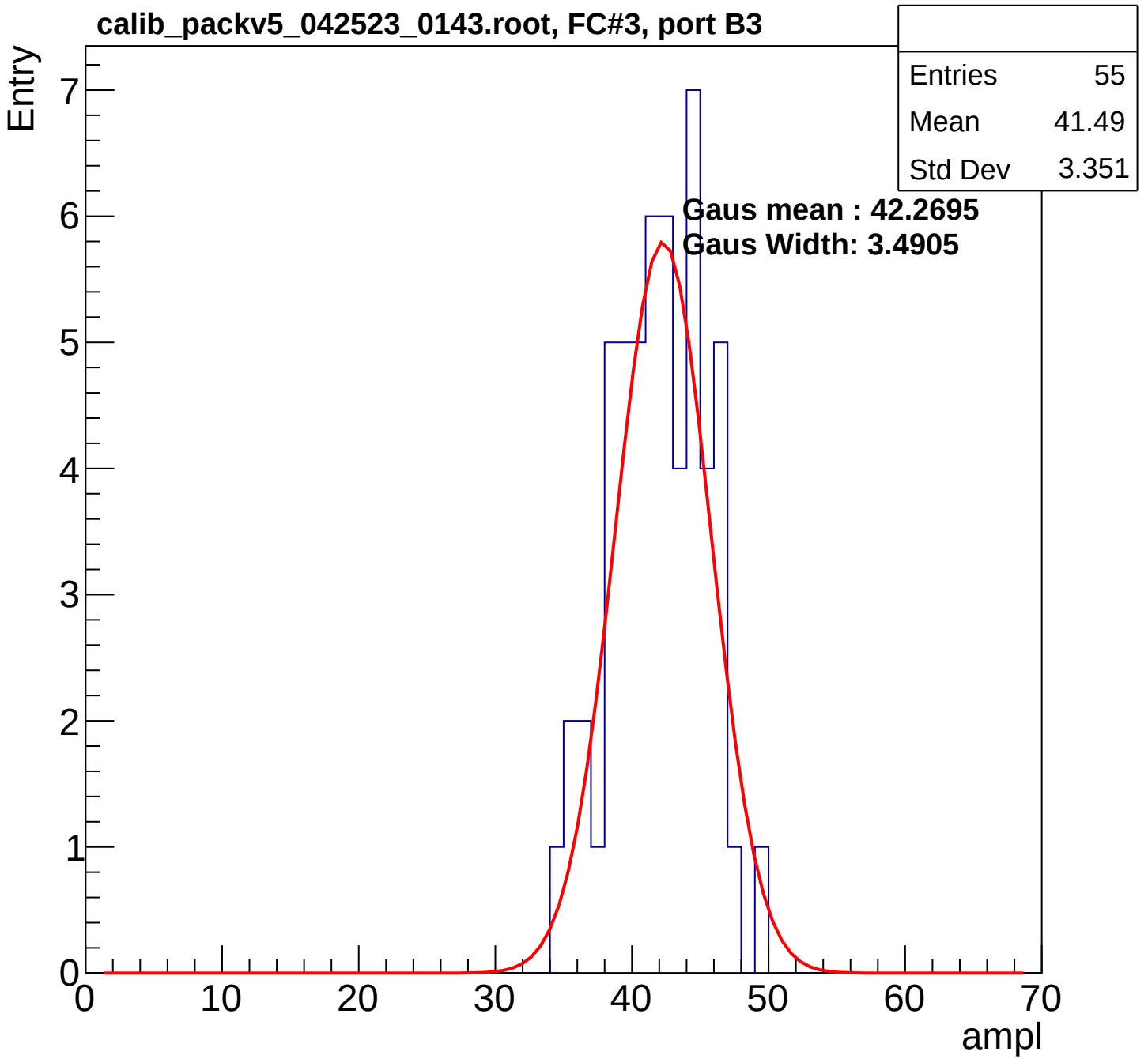
B1L000S, U9-ch127, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.49
Std Dev 3.351
Gaus mean : 42.2695
Gaus Width: 3.4905
Entry
ampl
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2
3
4
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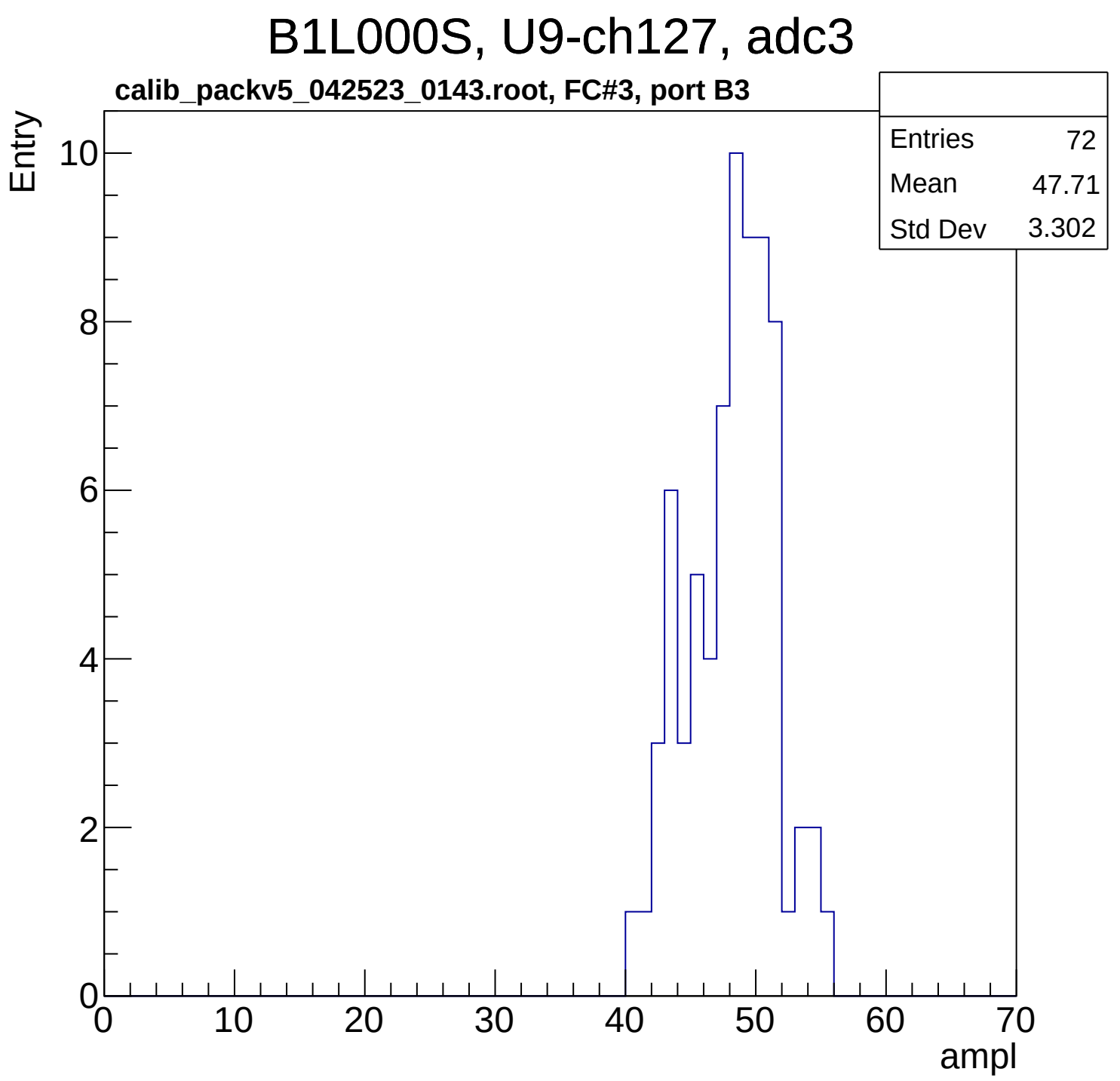
B1L000S, U9-ch127, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 47.71
Std Dev 3.302
Entry
ampl
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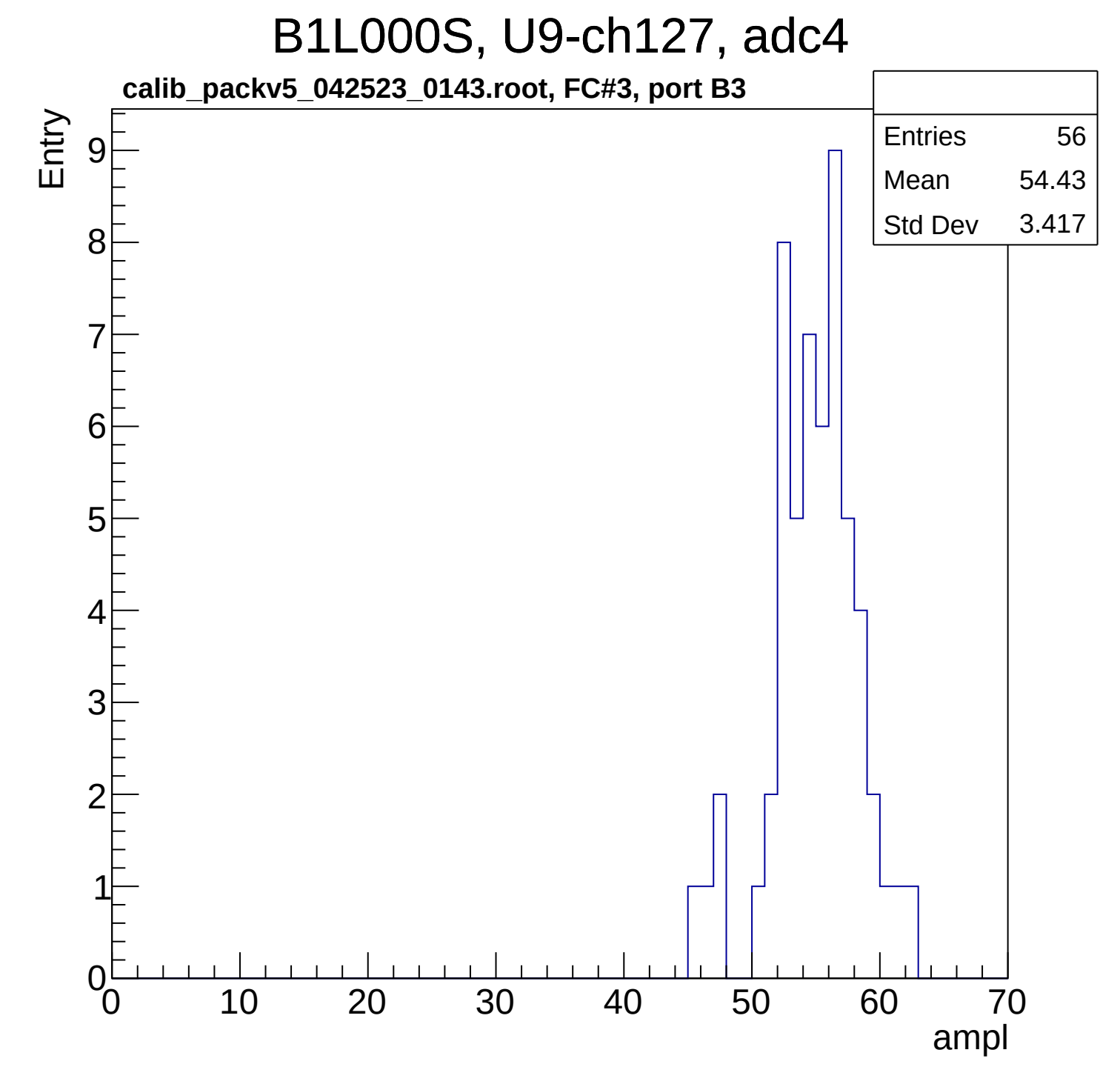
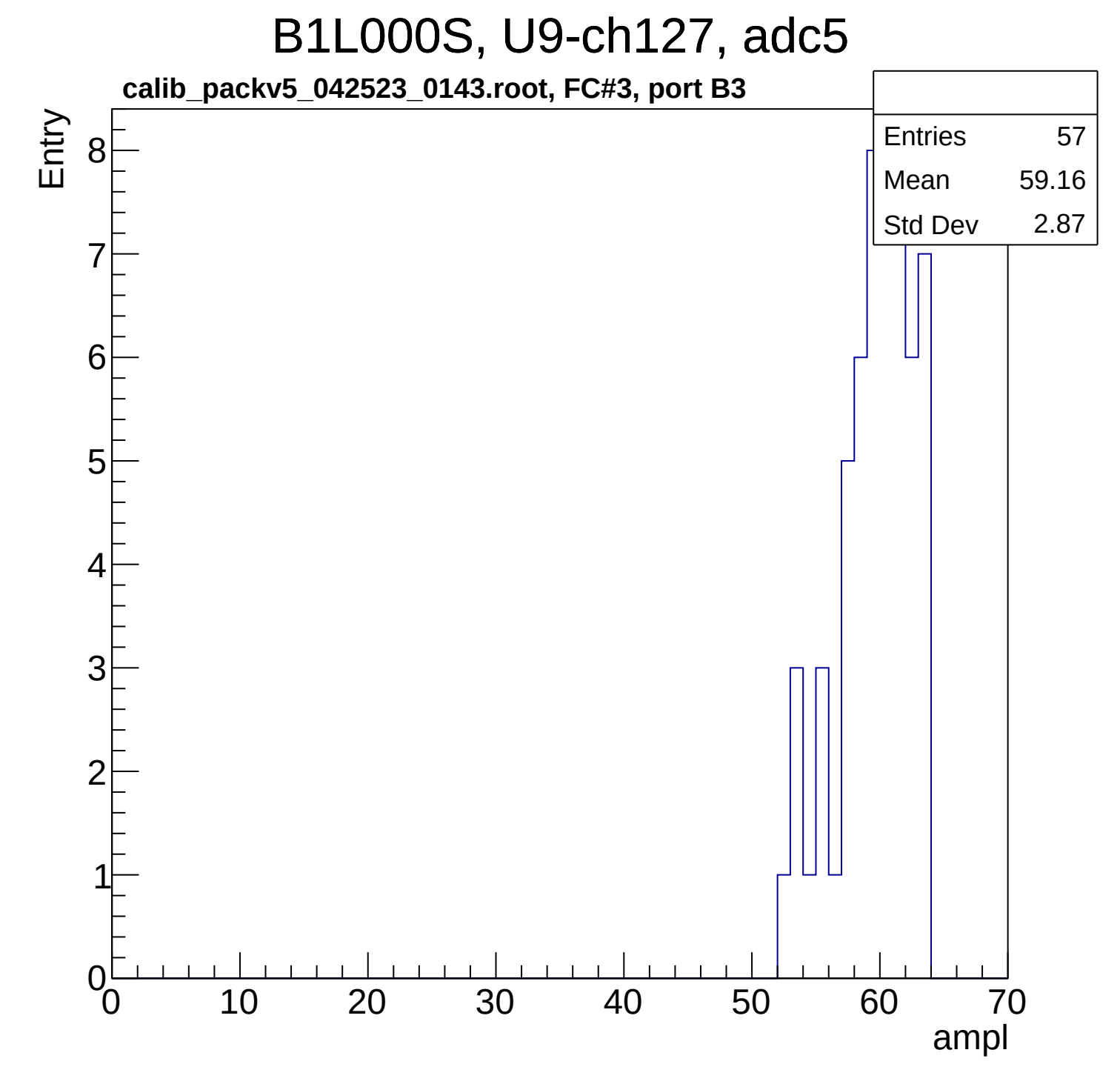
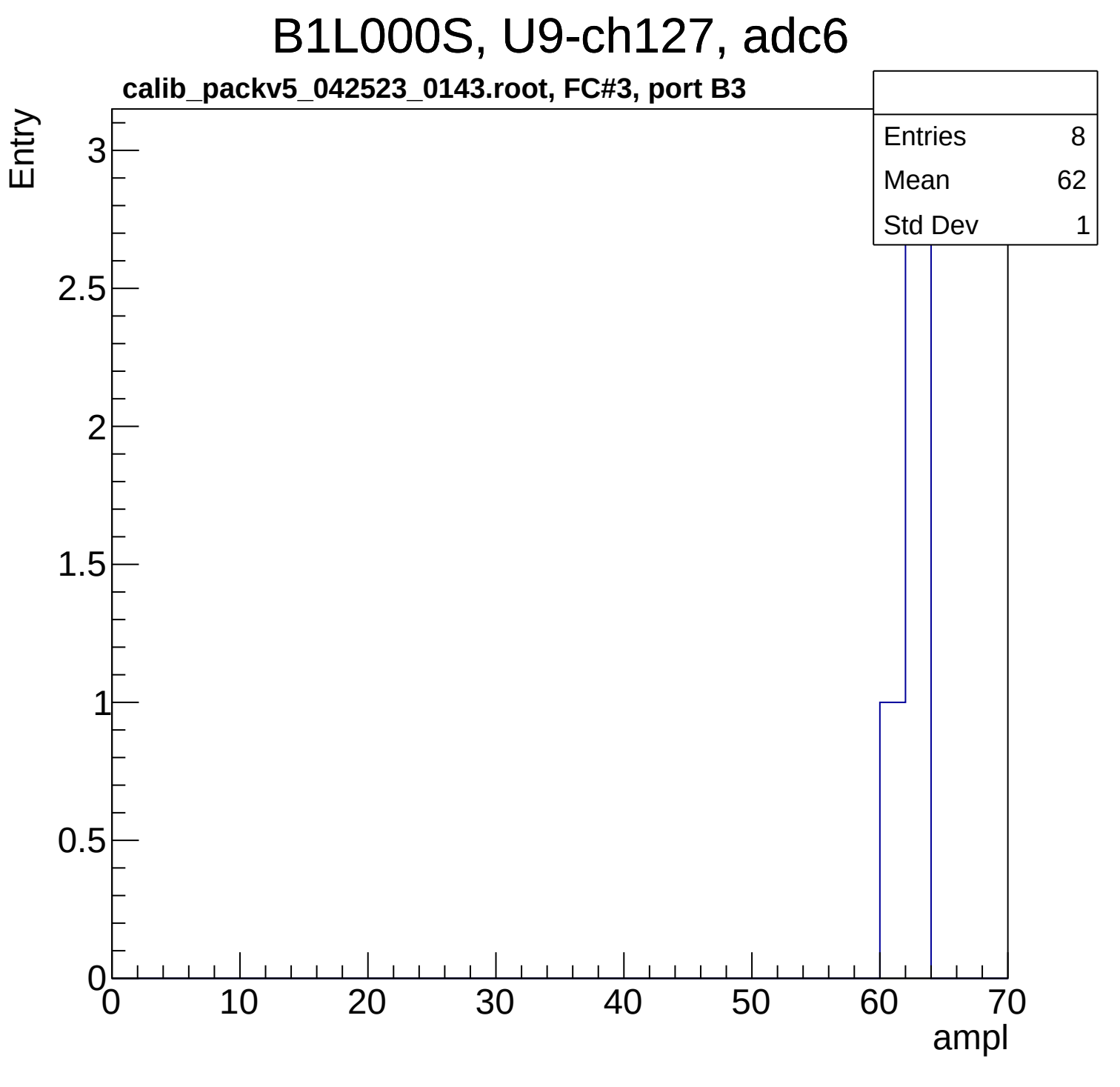
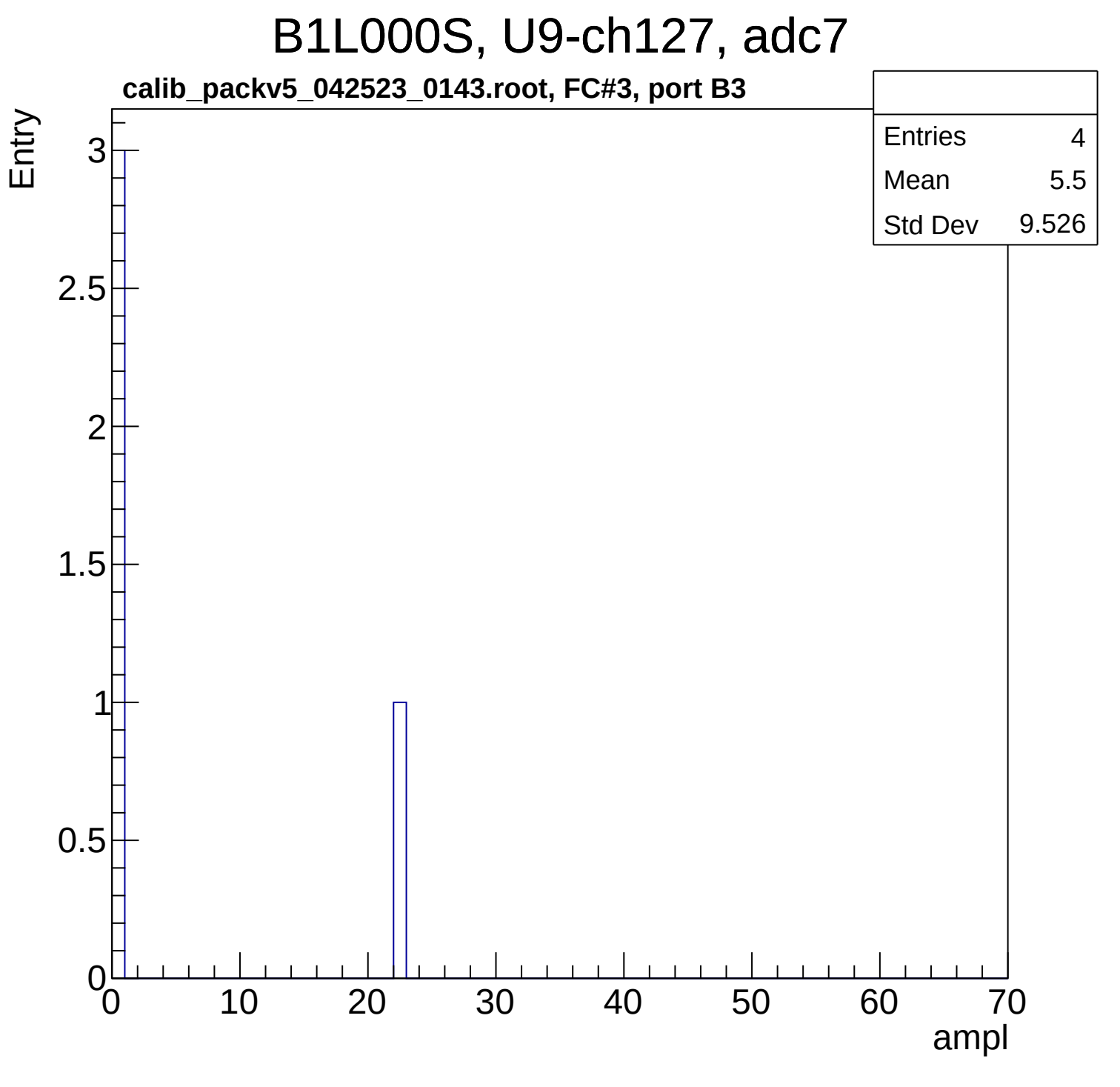
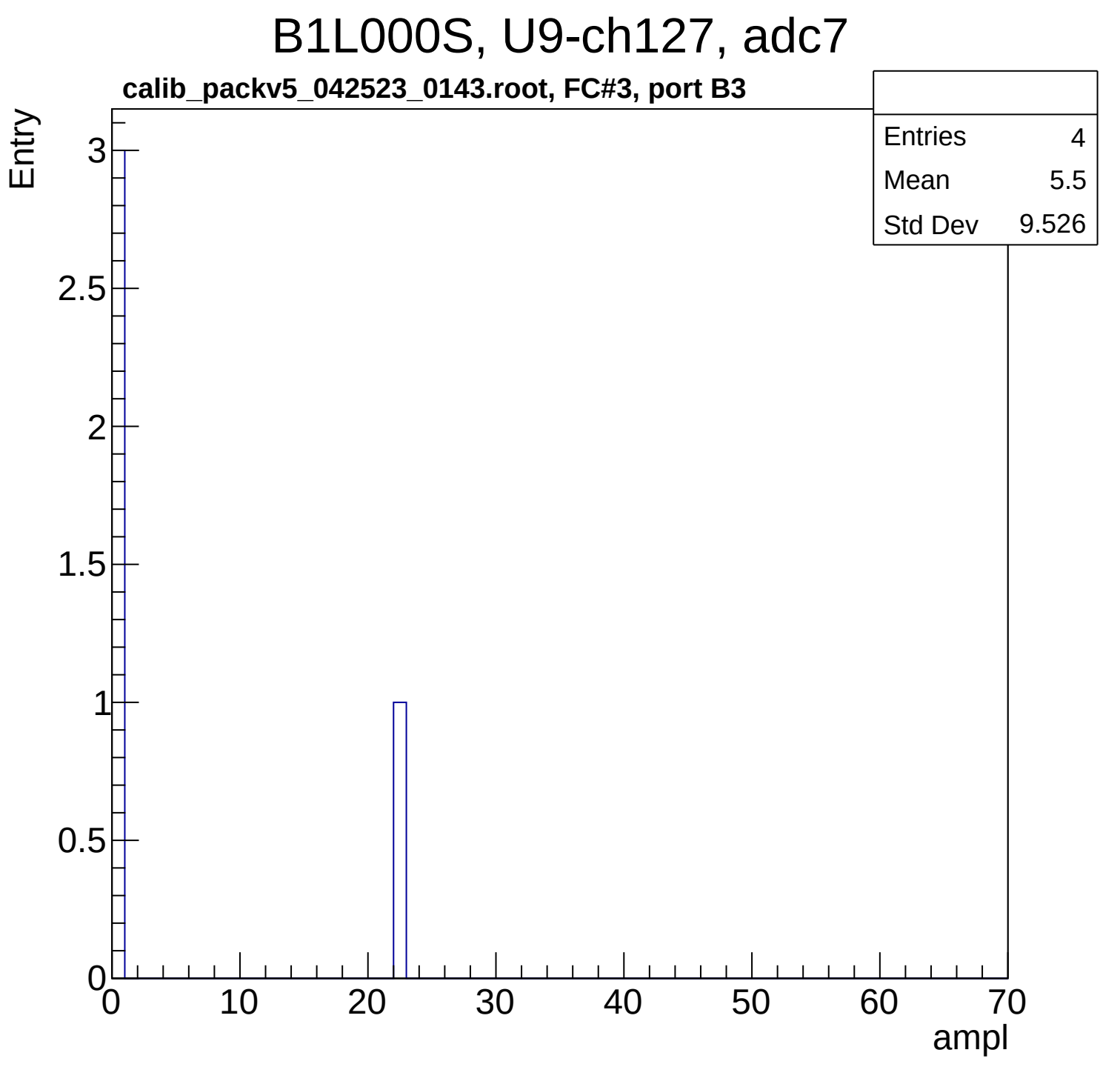

B1L000S, U9-ch127, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.43
Std Dev 3.417
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U9-ch127, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.16
Std Dev 2.87
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U9-ch127, adc6
calib_packv5_042523_0143.root, FC#3, port B3
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


B1L000S, U9-ch127, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 5.5
Std Dev 9.526
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U9-ch127, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 5.5
Std Dev 9.526
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70