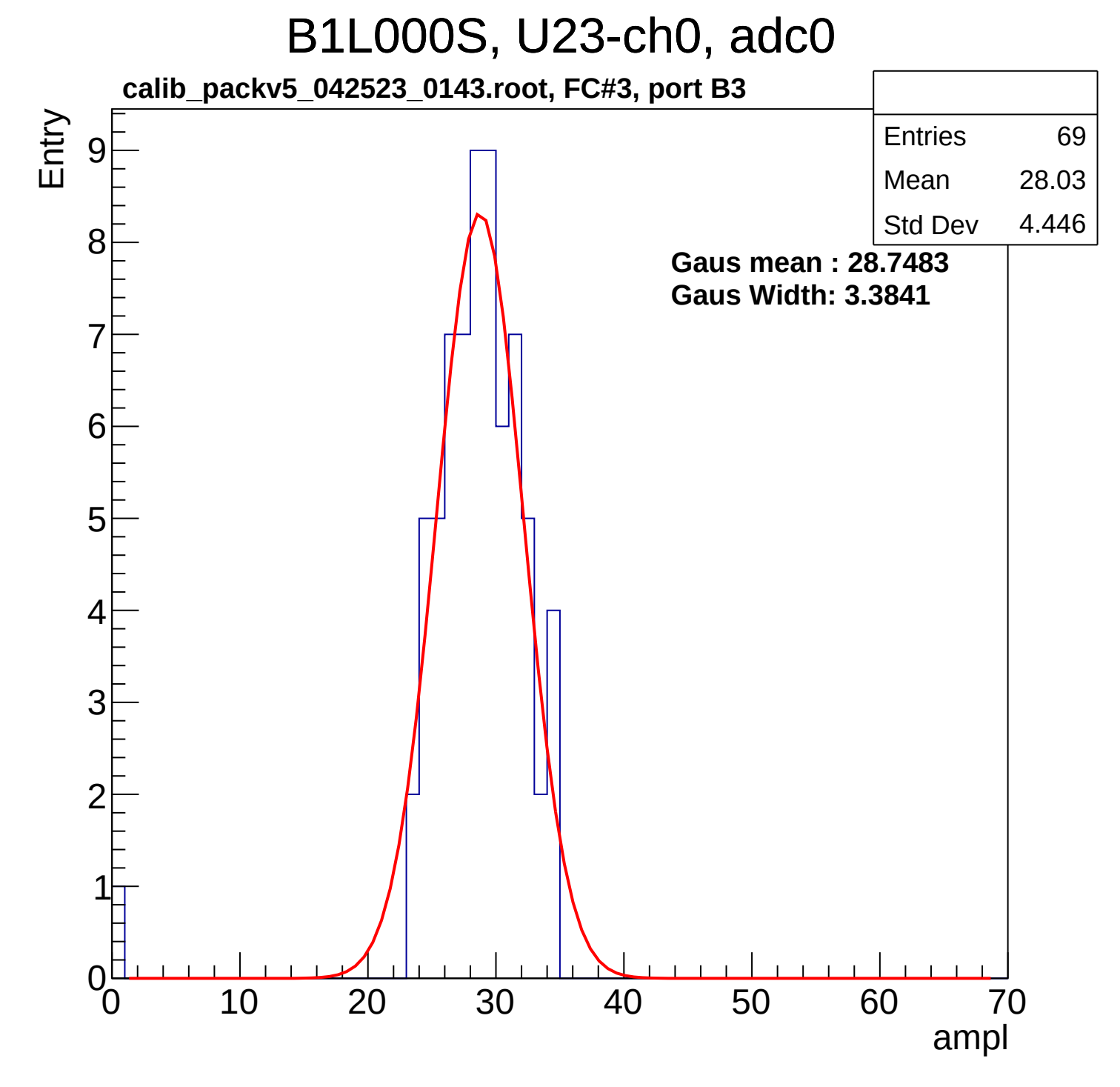
B1L000S, U23-ch0, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.03
Std Dev 4.446
Gaus mean : 28.7483
Gaus Width: 3.3841
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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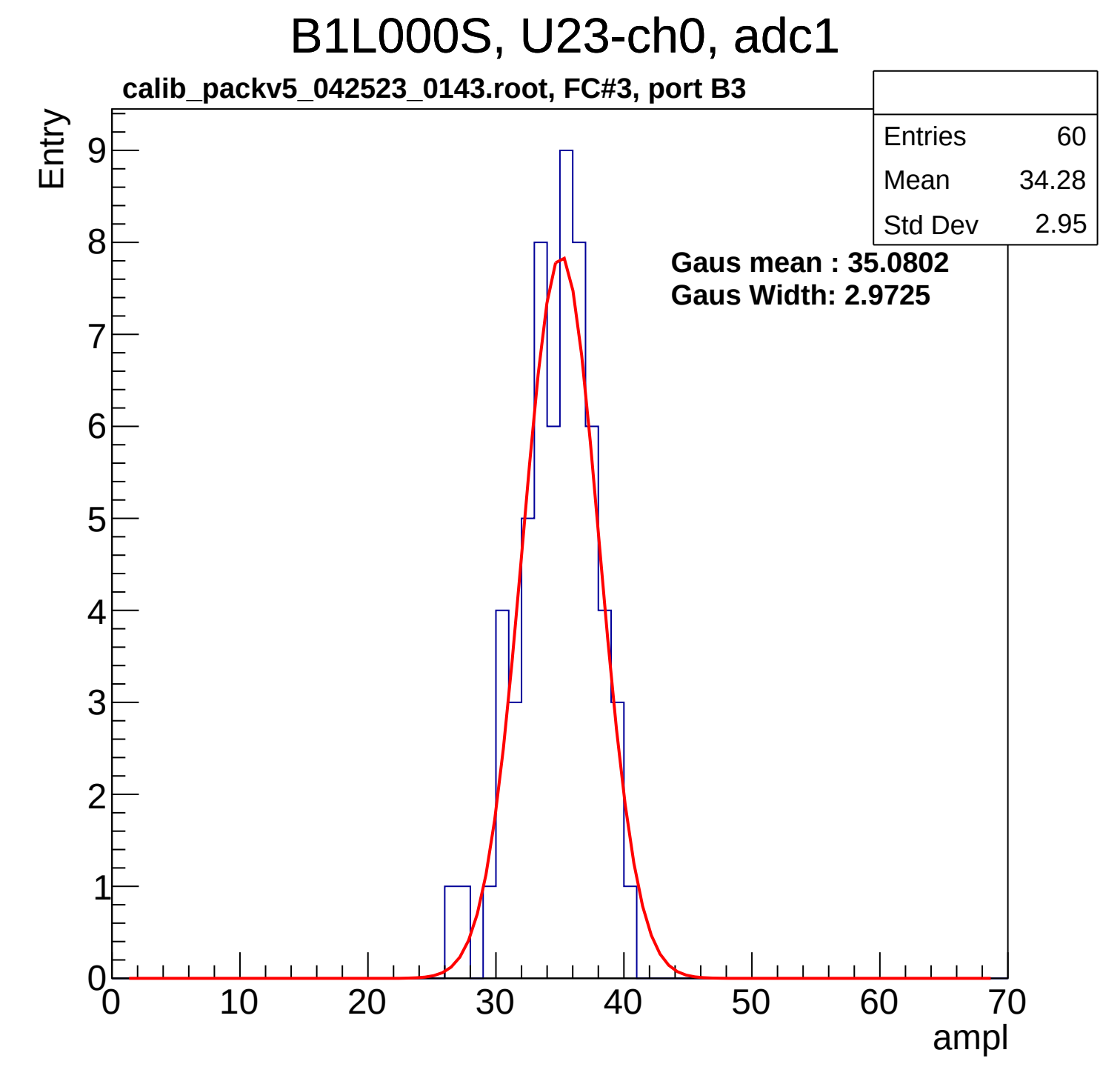
B1L000S, U23-ch0, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 34.28
Std Dev 2.95
Gaus mean : 35.0802
Gaus Width: 2.9725
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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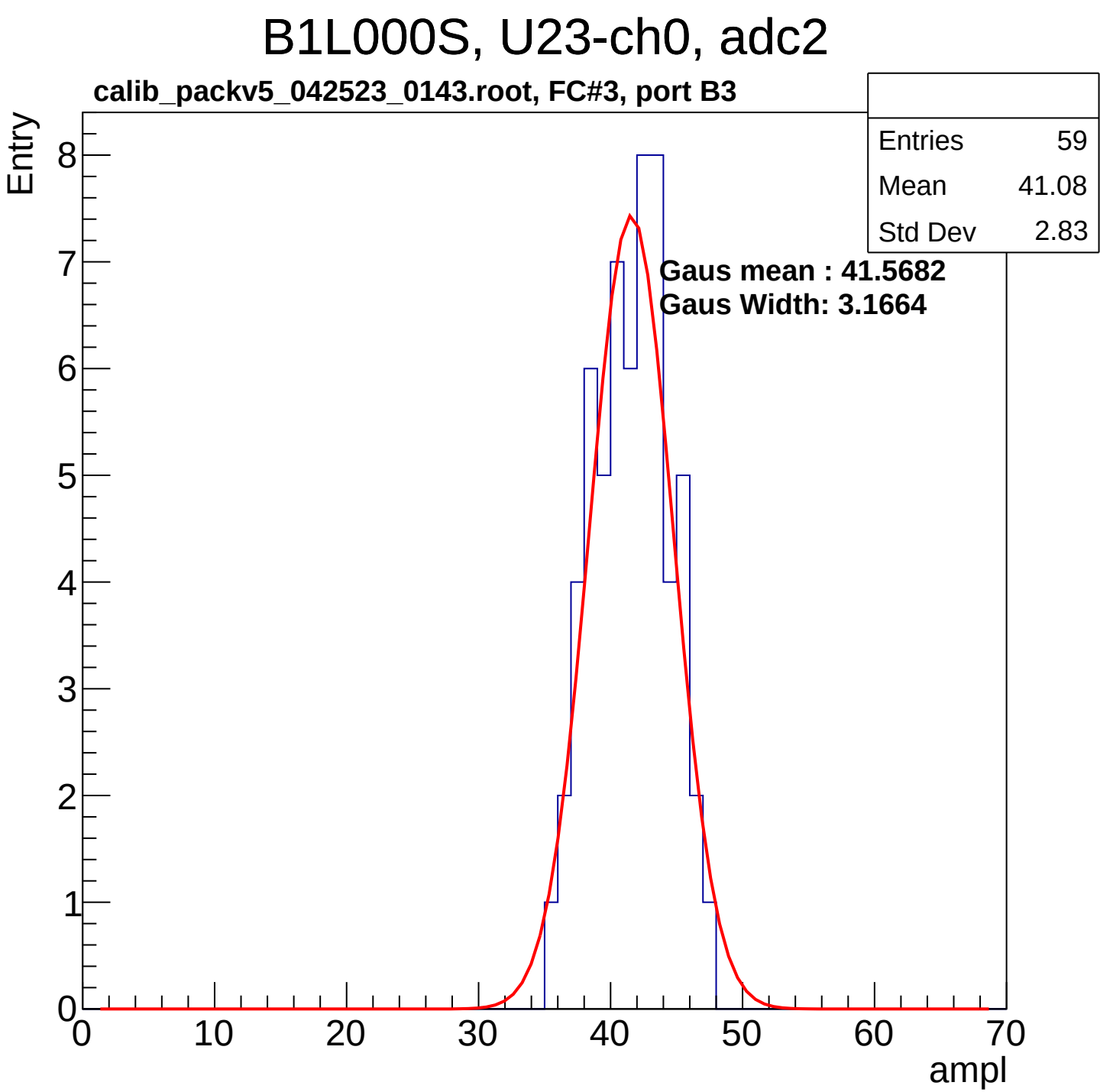
B1L000S, U23-ch0, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.08
Std Dev 2.83
Gaus mean : 41.5682
Gaus Width: 3.1664
Entry
ampl
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2
3
4
5
6
7
8
0
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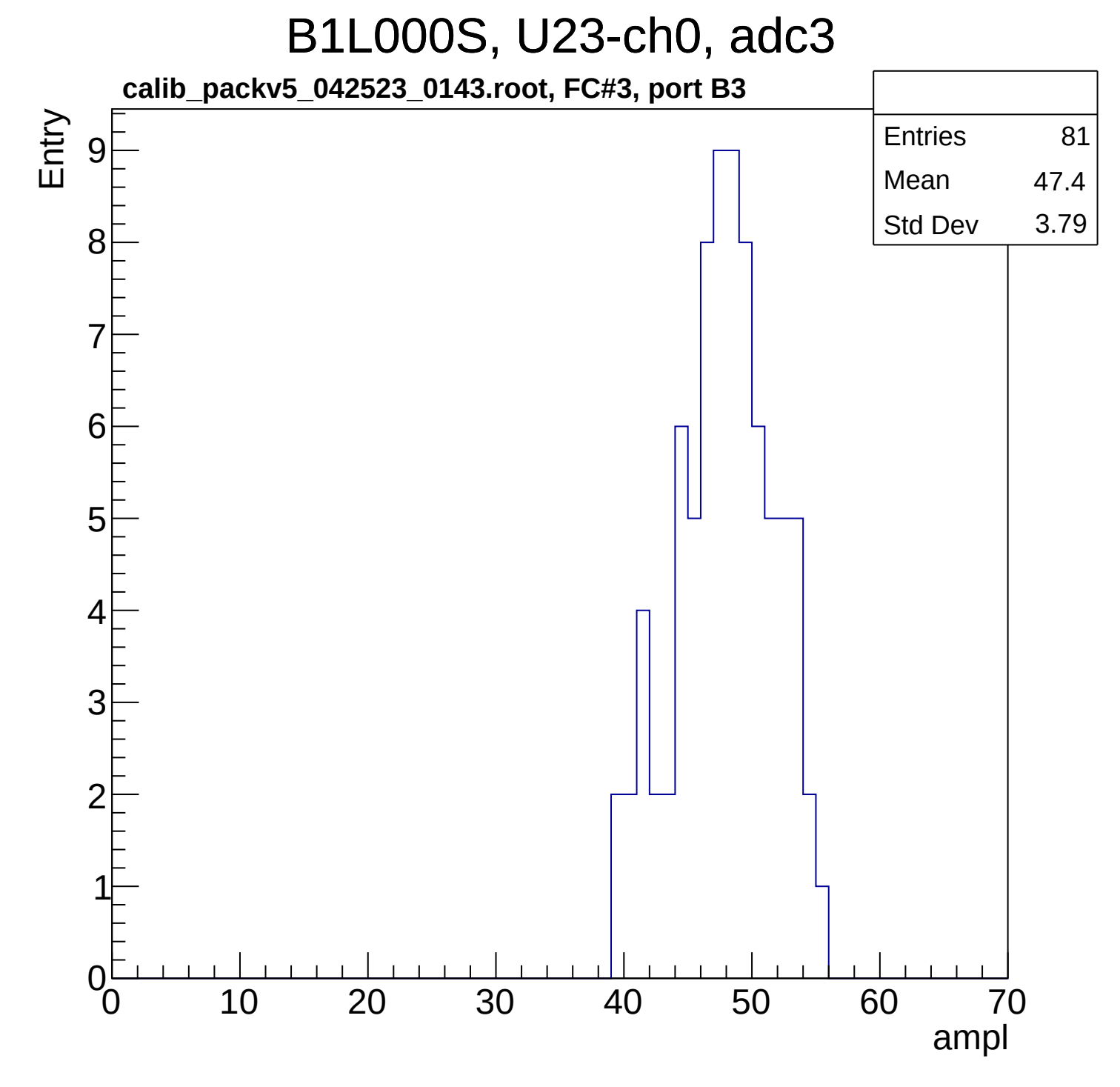
B1L000S, U23-ch0, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 47.4
Std Dev 3.79
Entry
ampl
0
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3
4
5
6
7
8
9
0
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60
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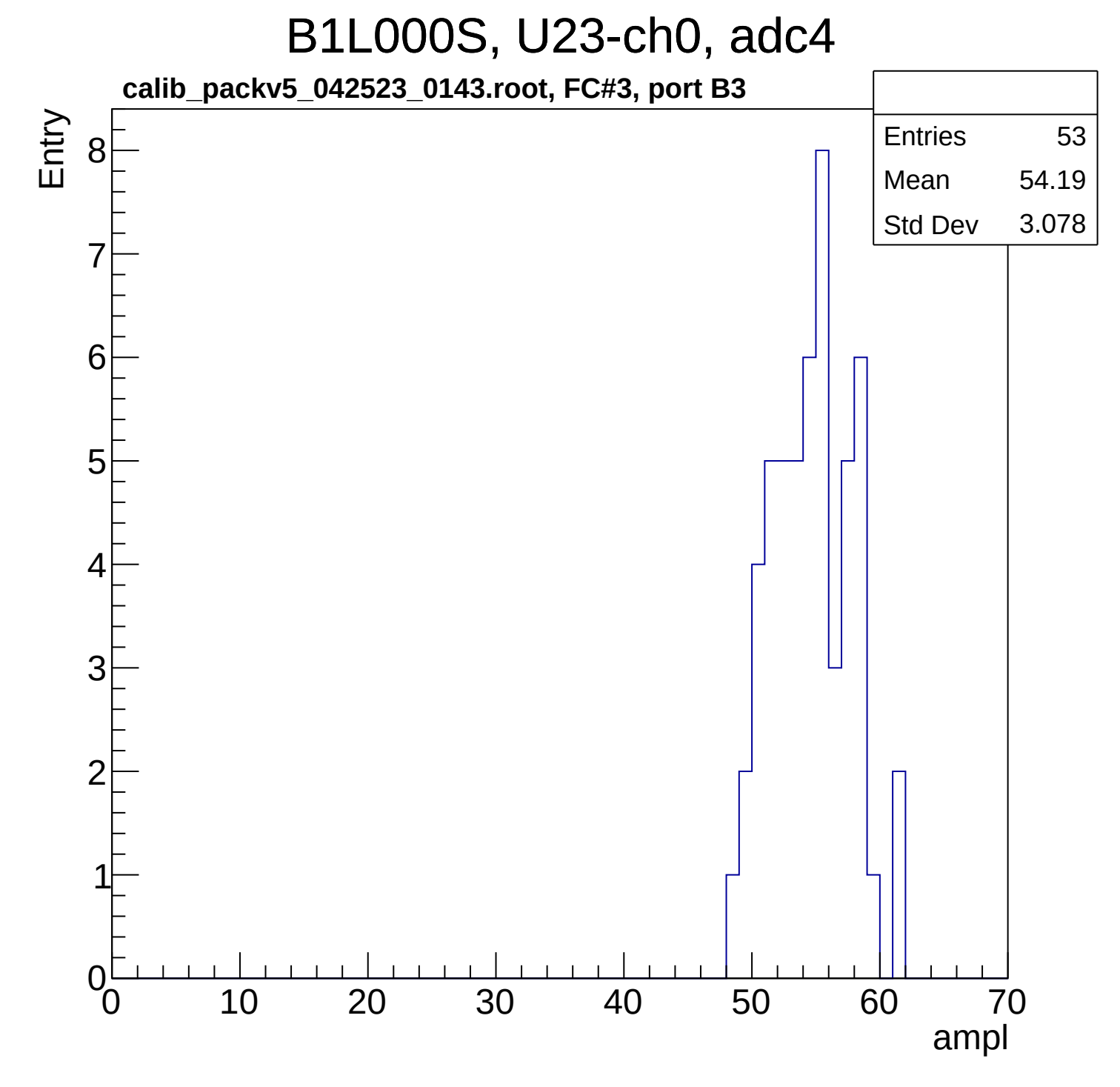
B1L000S, U23-ch0, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 54.19
Std Dev 3.078
Entry
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2
3
4
5
6
7
8
0
10
20
30
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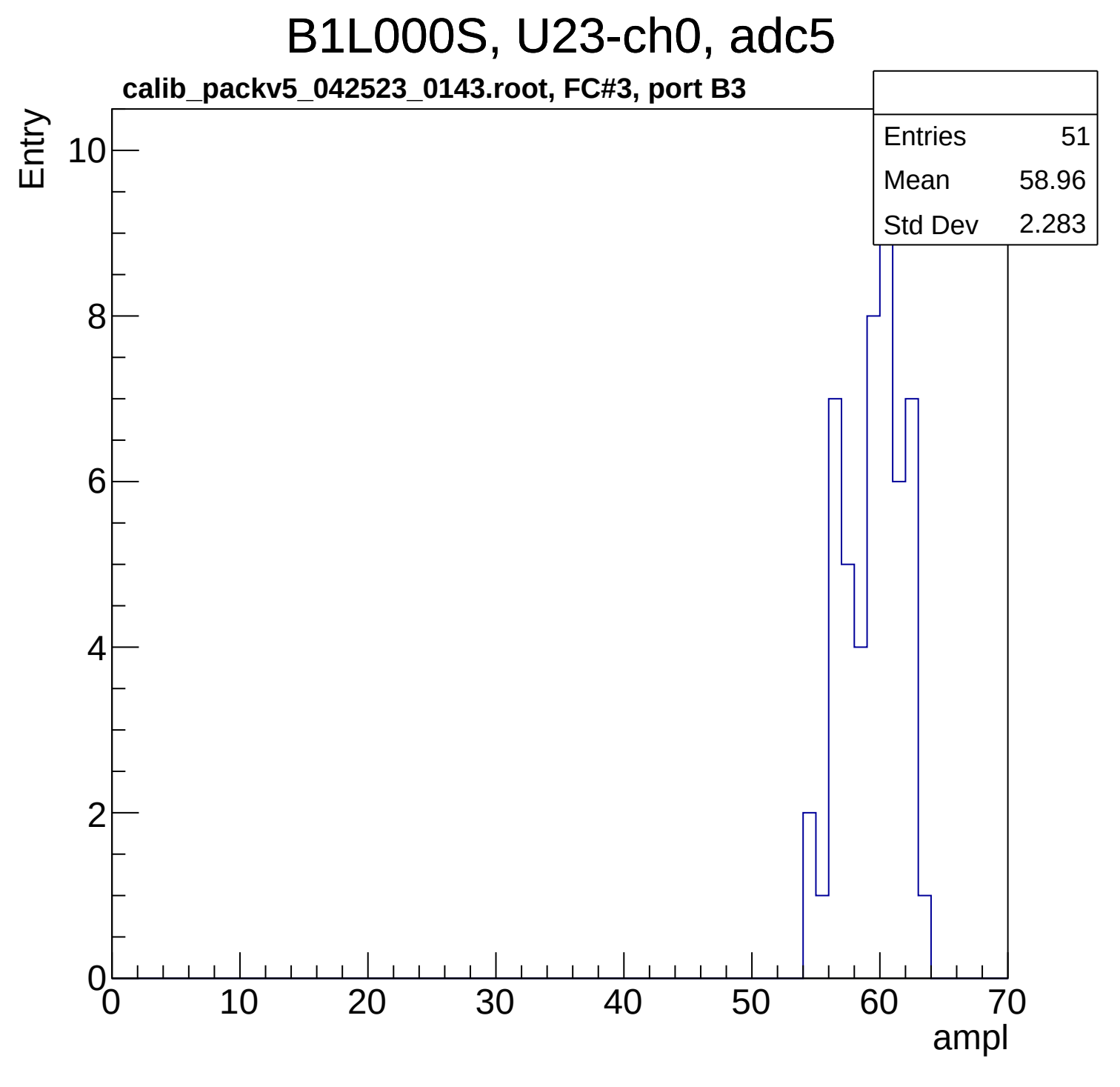
50
60
70
ampl


B1L000S, U23-ch0, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.96
Std Dev 2.283
Entry
ampl
0
2
4
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8
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0
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20
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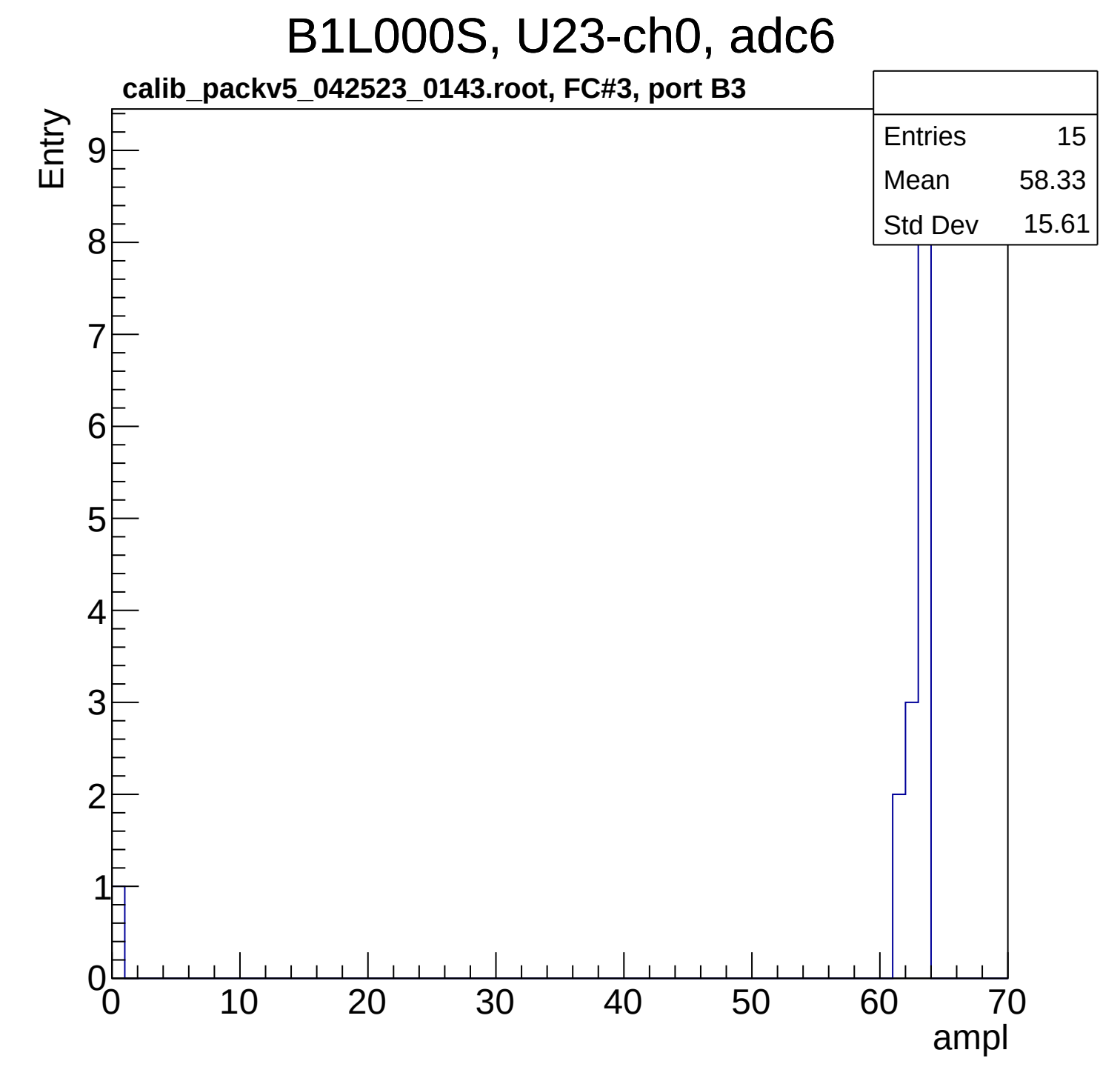
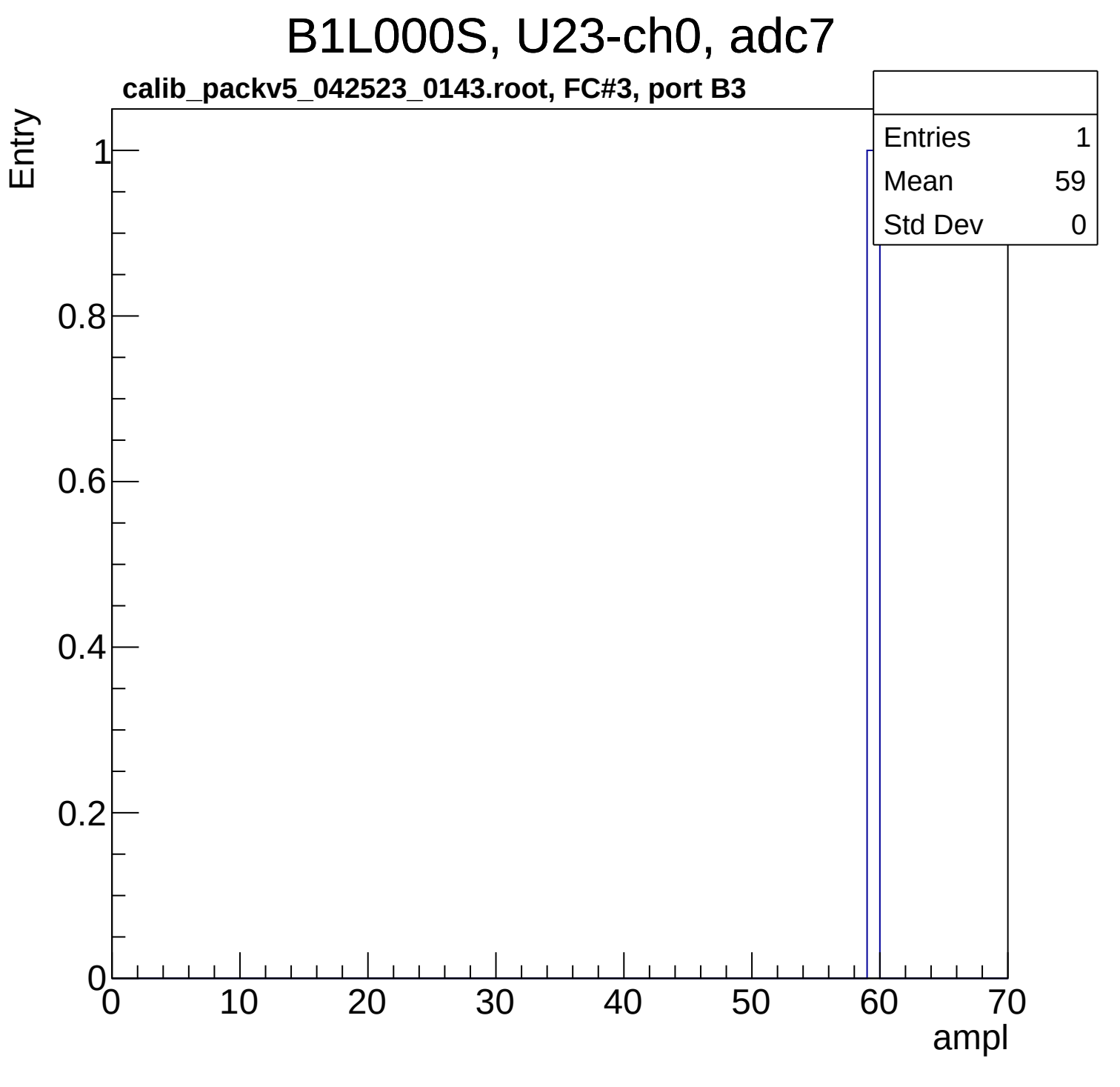
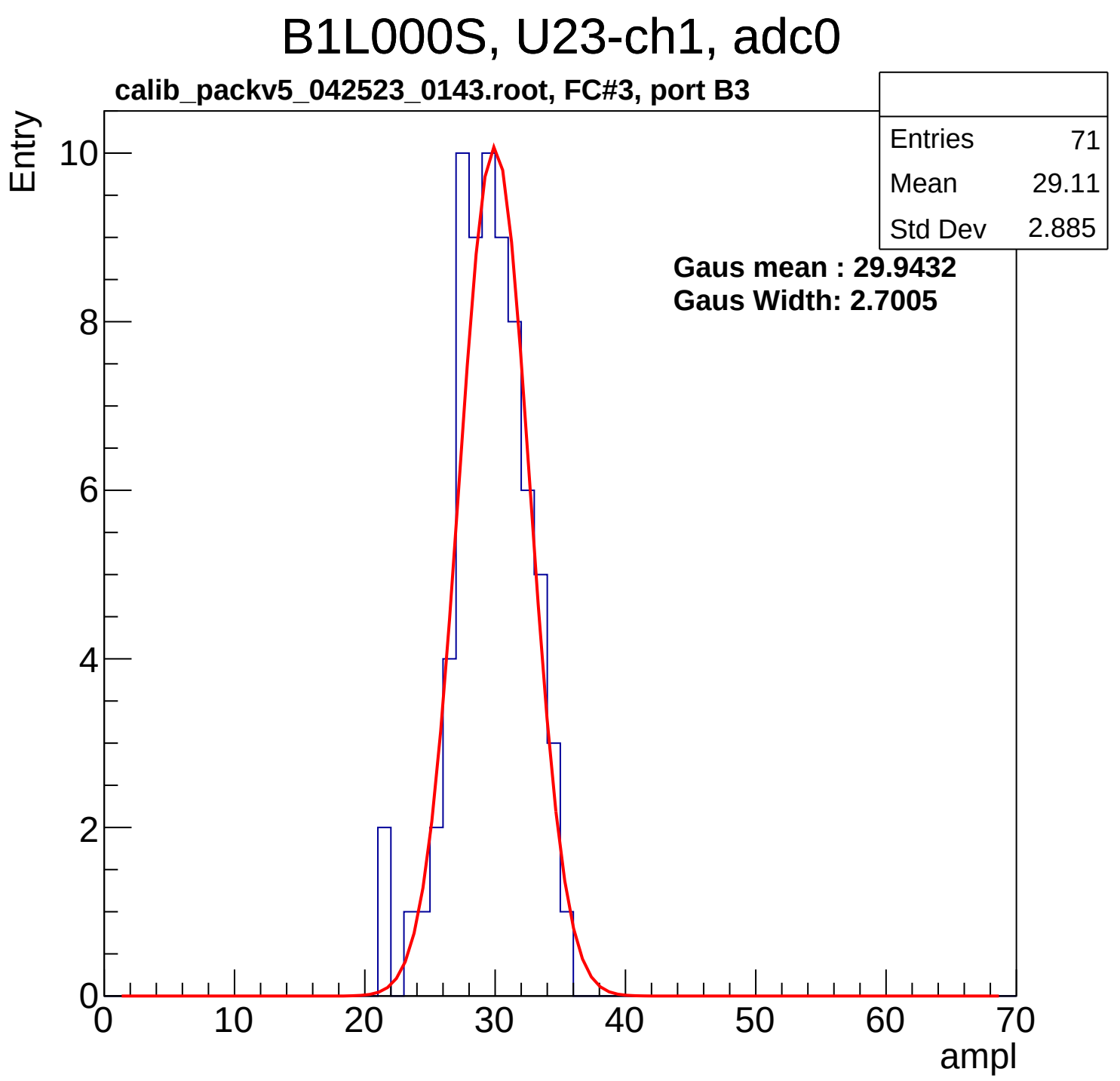
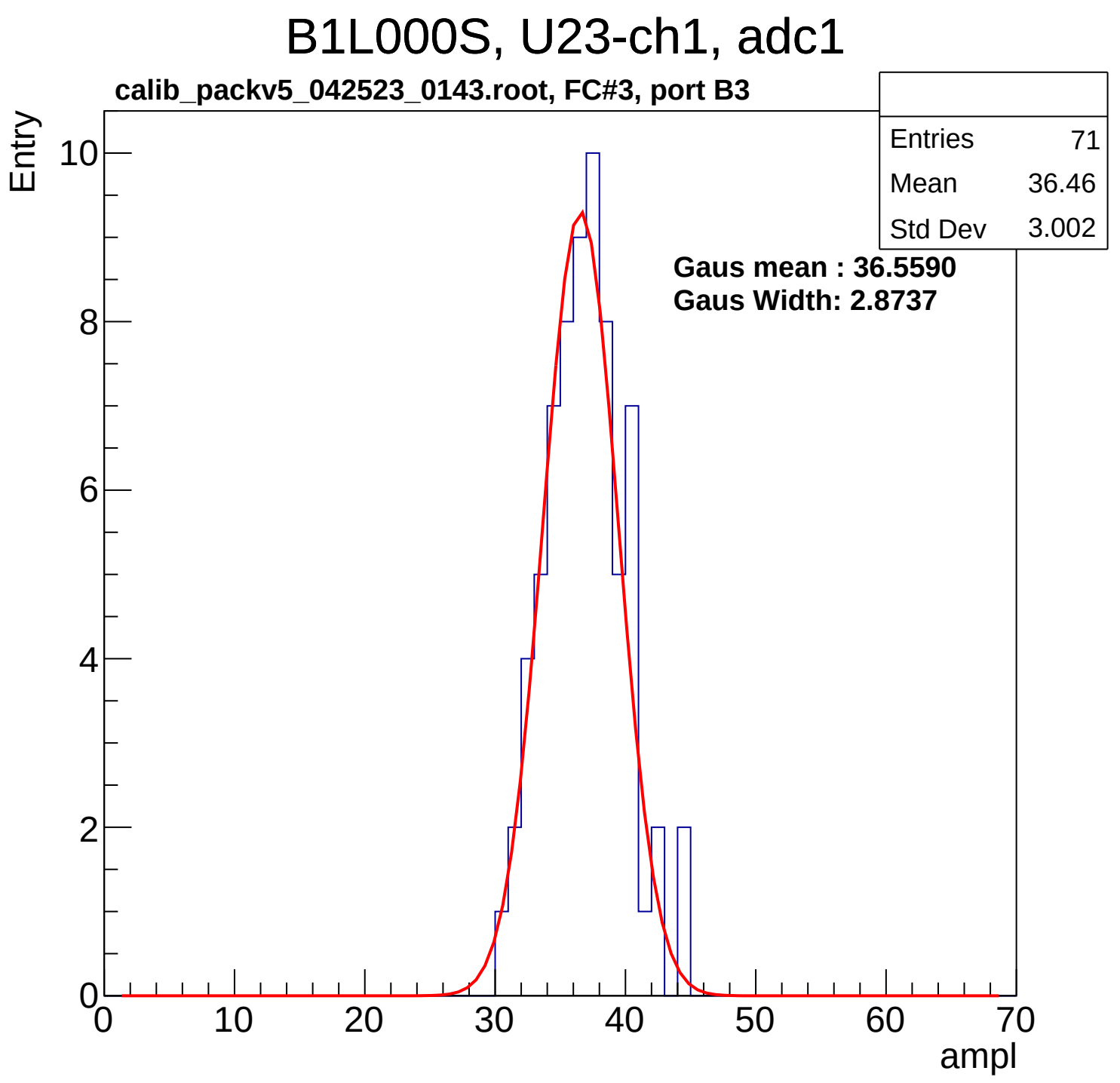

B1L000S, U23-ch0, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 58.33
Std Dev 15.61
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch0, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 59
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch1, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.11
Std Dev 2.885
Gaus mean : 29.9432
Gaus Width: 2.7005
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch1, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 36.46
Std Dev 3.002
Gaus mean : 36.5590
Gaus Width: 2.8737
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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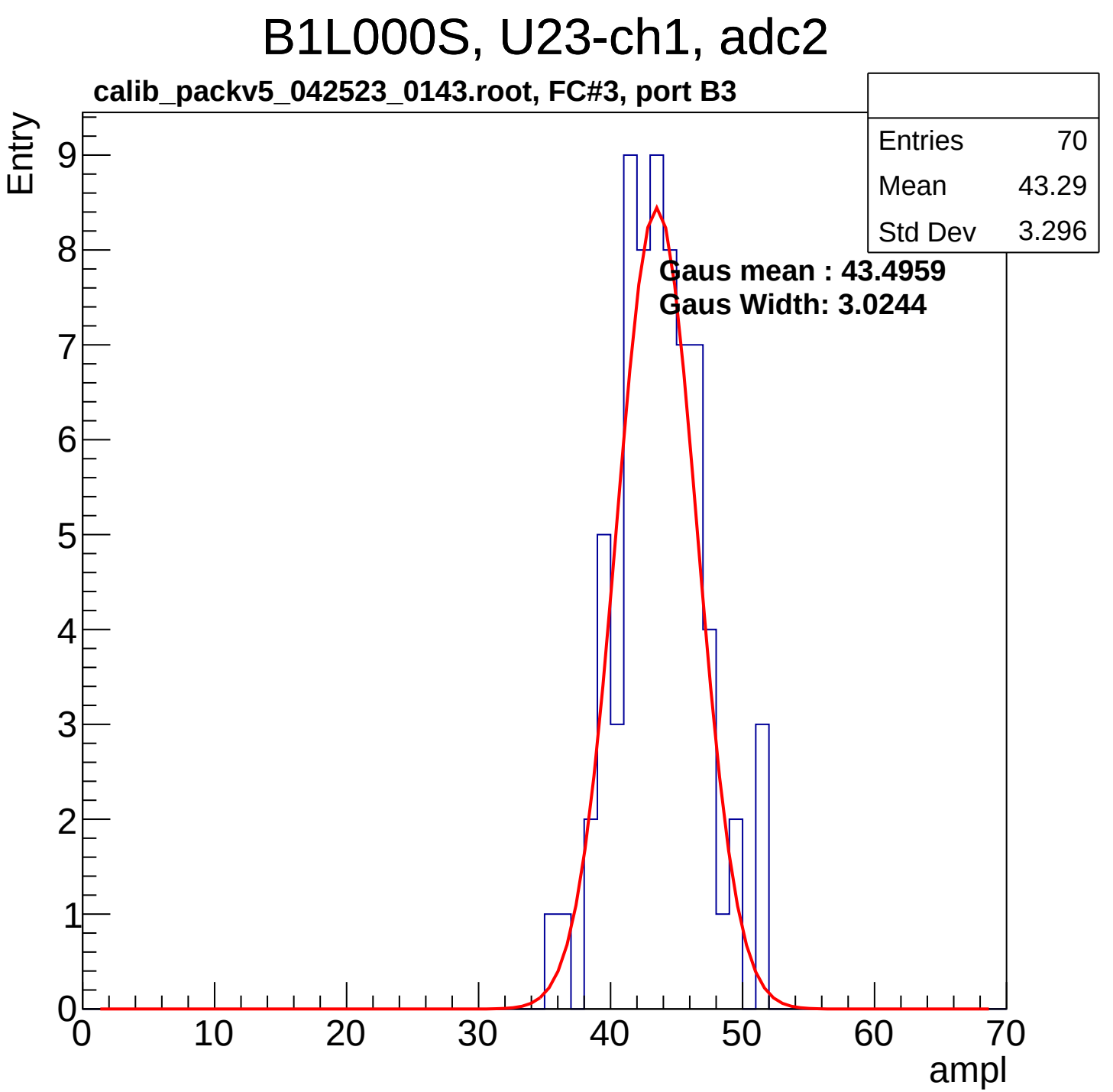
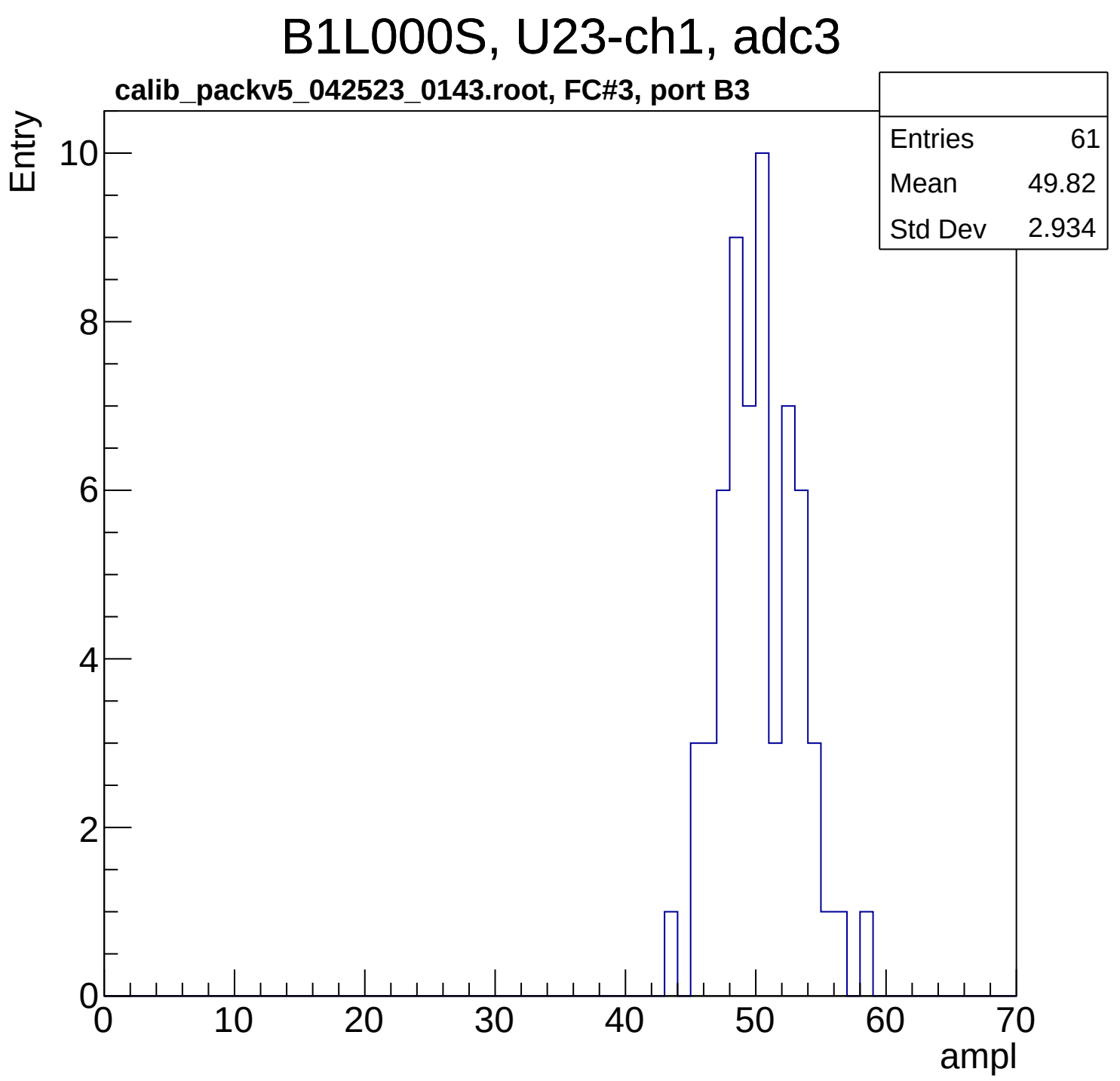
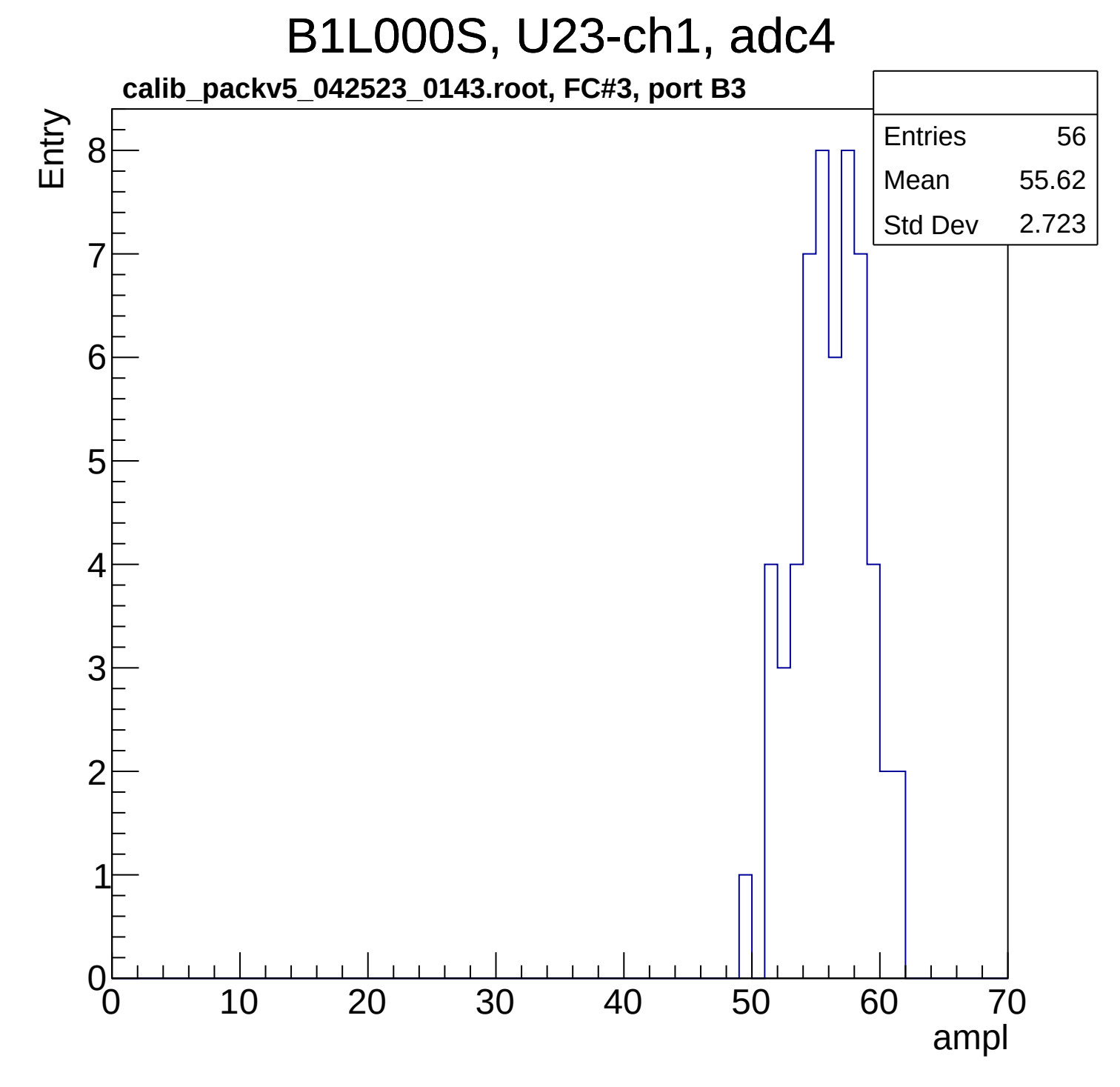
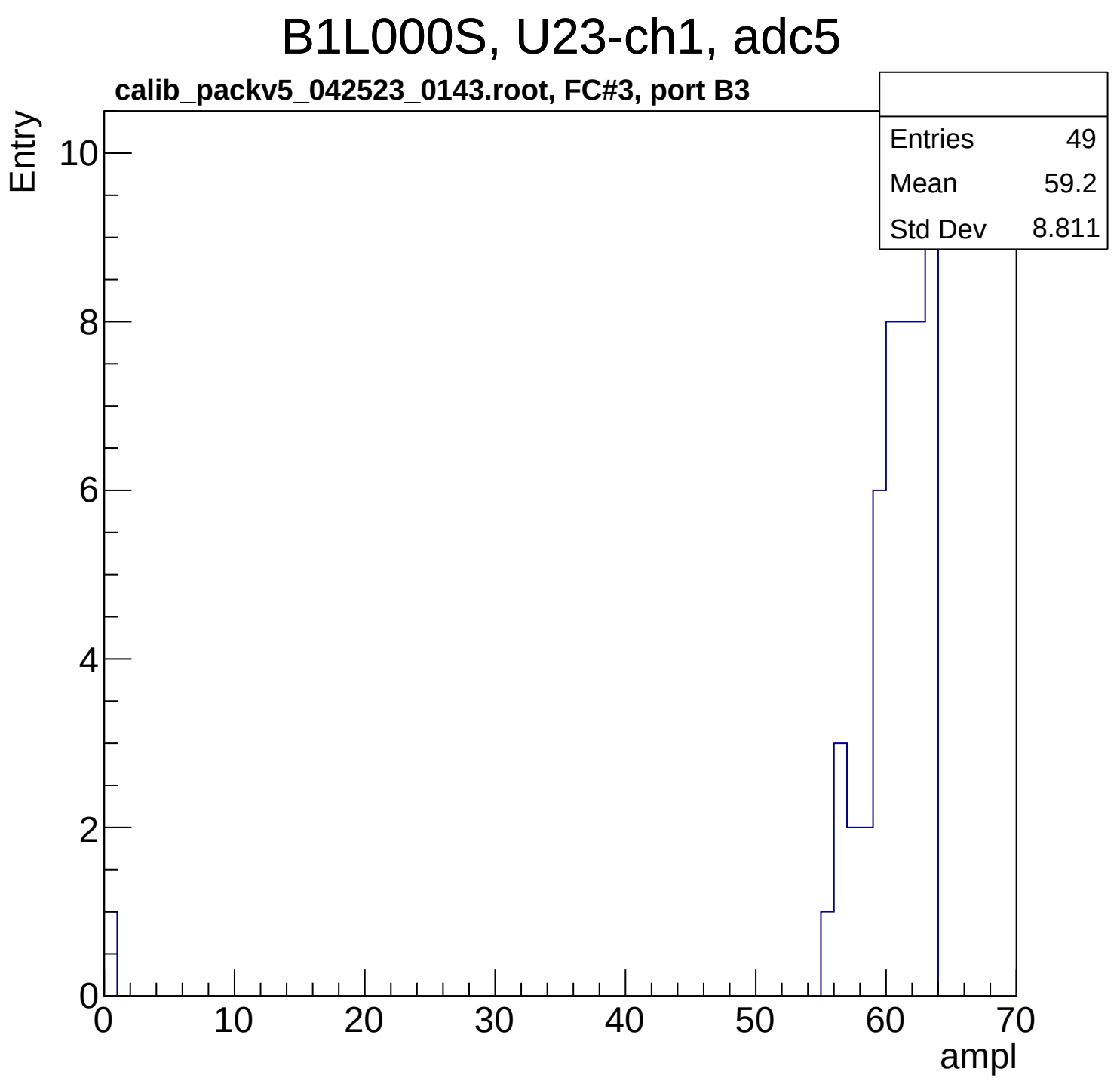

B1L000S, U23-ch1, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 43.29
Std Dev 3.296
Gaus mean : 43.4959
Gaus Width: 3.0244
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch1, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 49.82
Std Dev 2.934
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch1, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 55.62
Std Dev 2.723
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch1, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.2
Std Dev 8.811
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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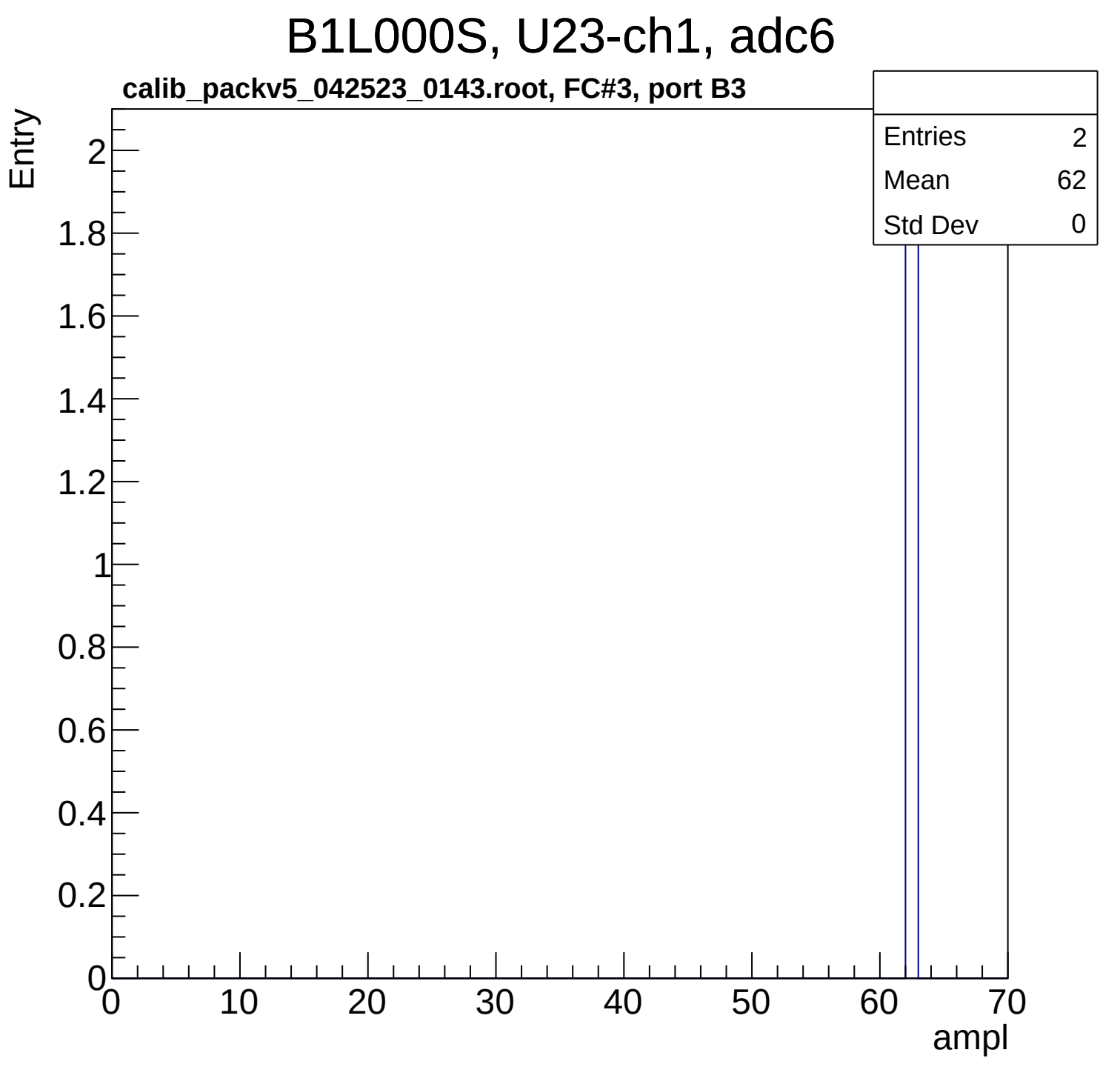
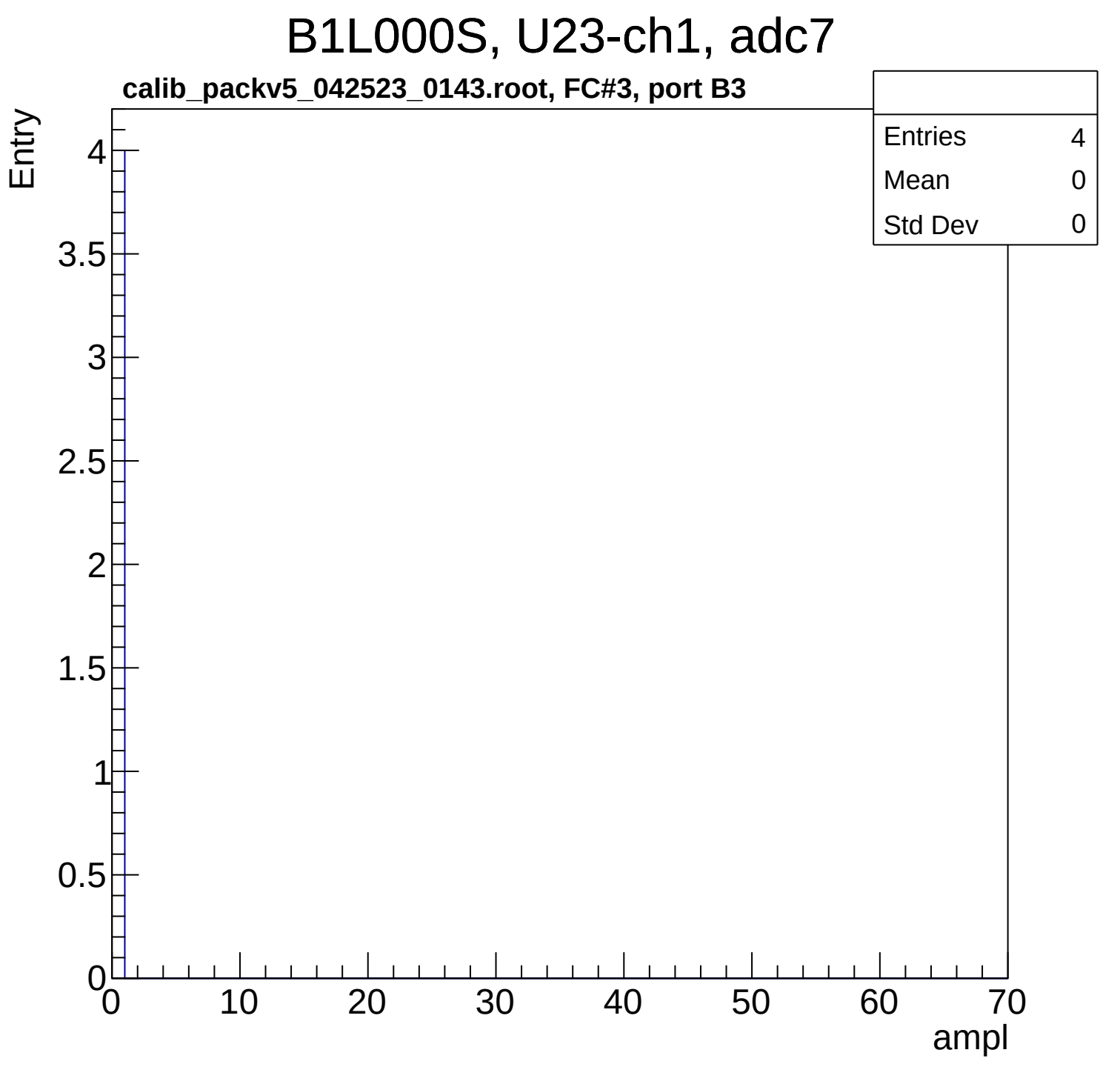
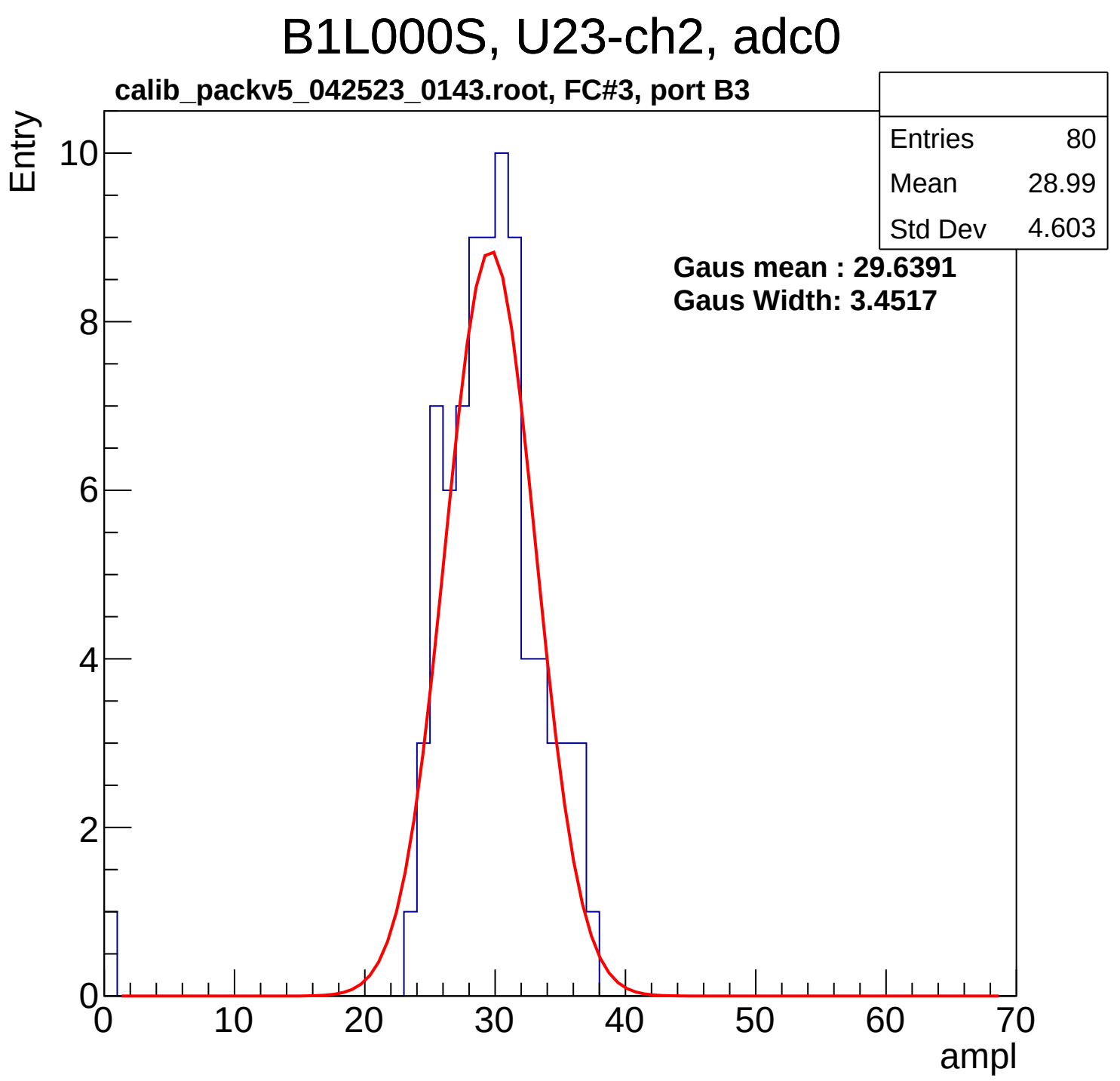
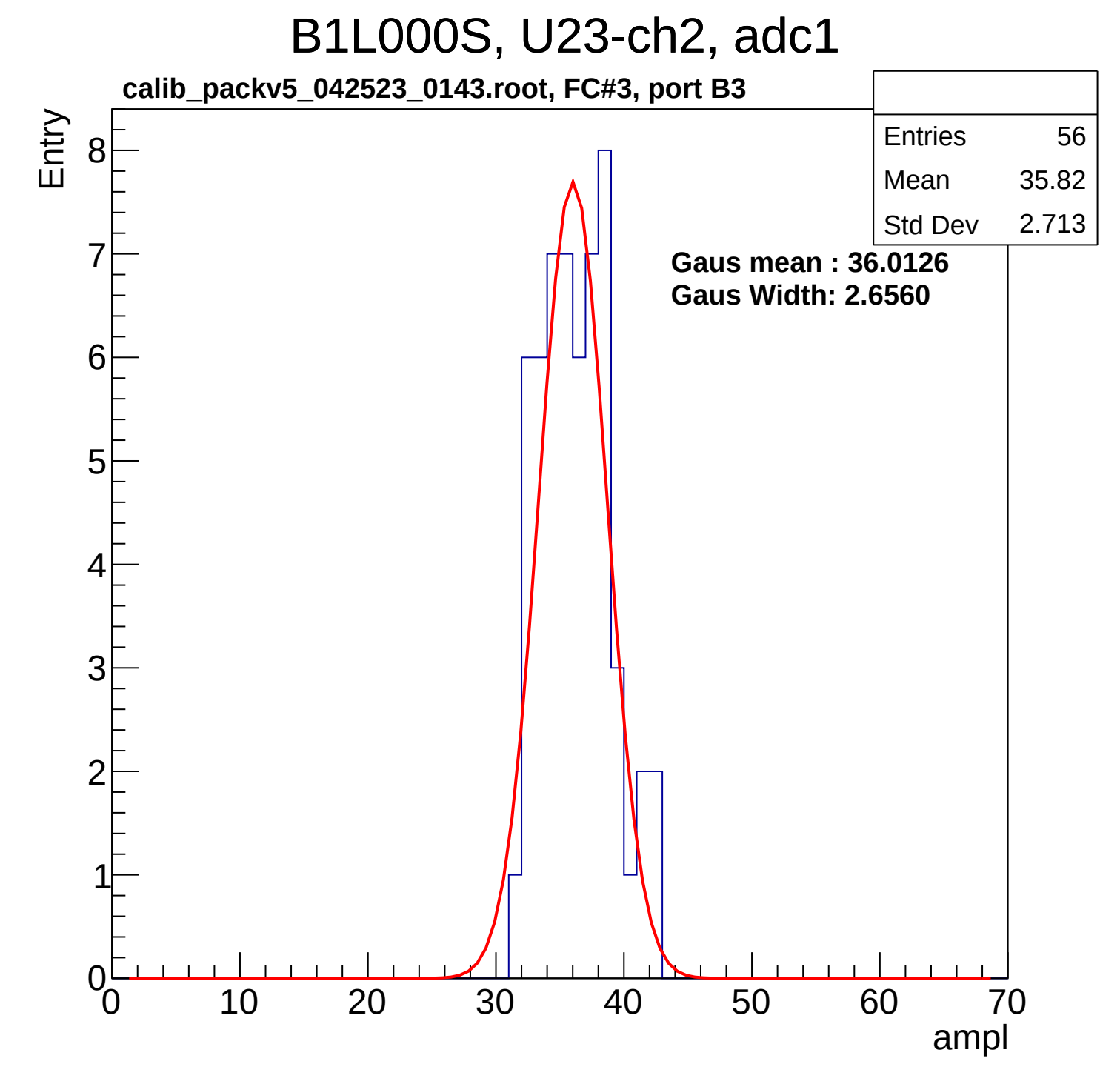

B1L000S, U23-ch1, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch1, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch2, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 28.99
Std Dev 4.603
Gaus mean : 29.6391
Gaus Width: 3.4517
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch2, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.82
Std Dev 2.713
Gaus mean : 36.0126
Gaus Width: 2.6560
Entry
ampl
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2
3
4
5
6
7
8
0
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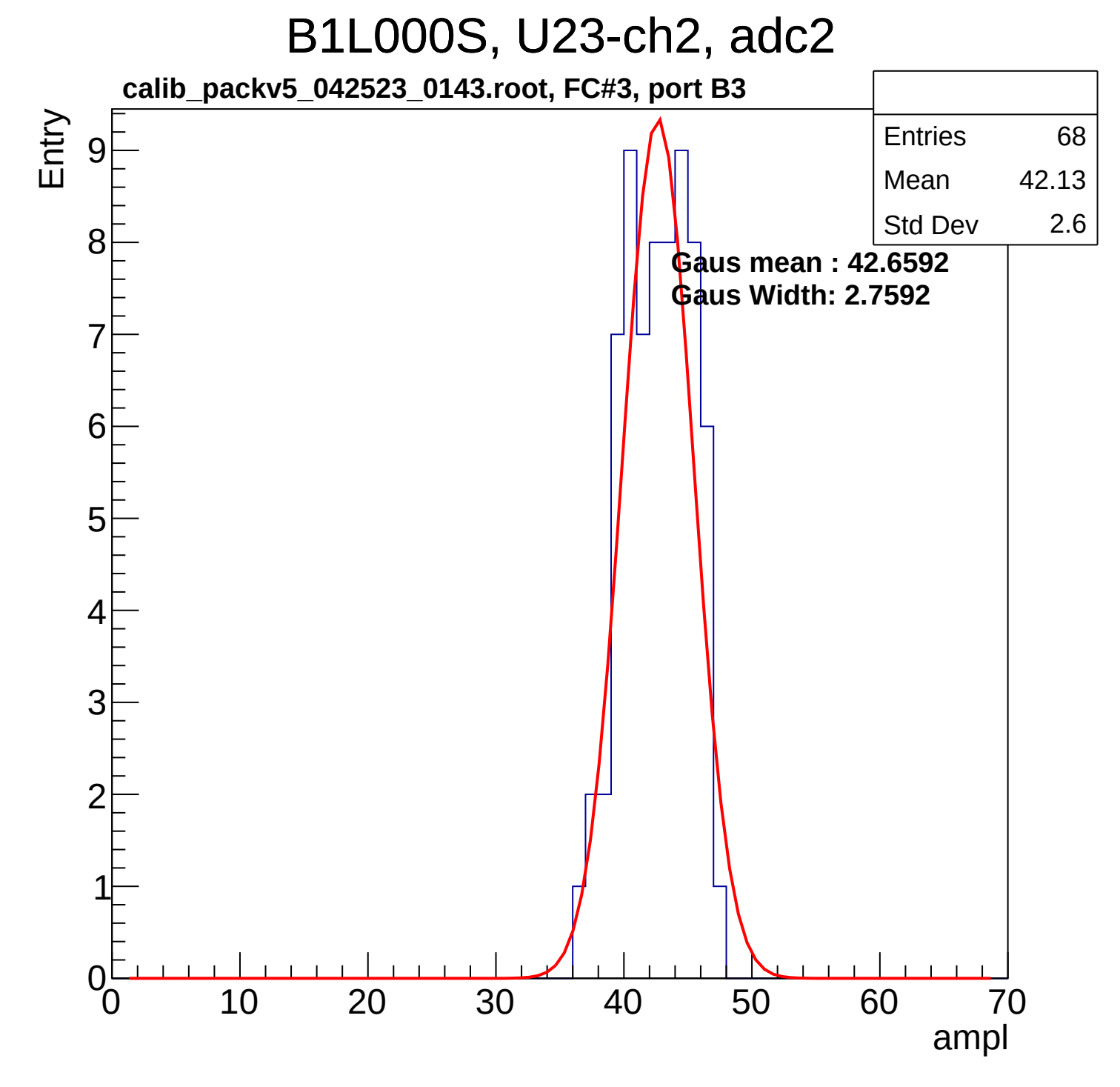
20
30
40
50
60
70


B1L000S, U23-ch2, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 42.13
Std Dev 2.6
Gaus mean : 42.6592
Gaus Width: 2.7592
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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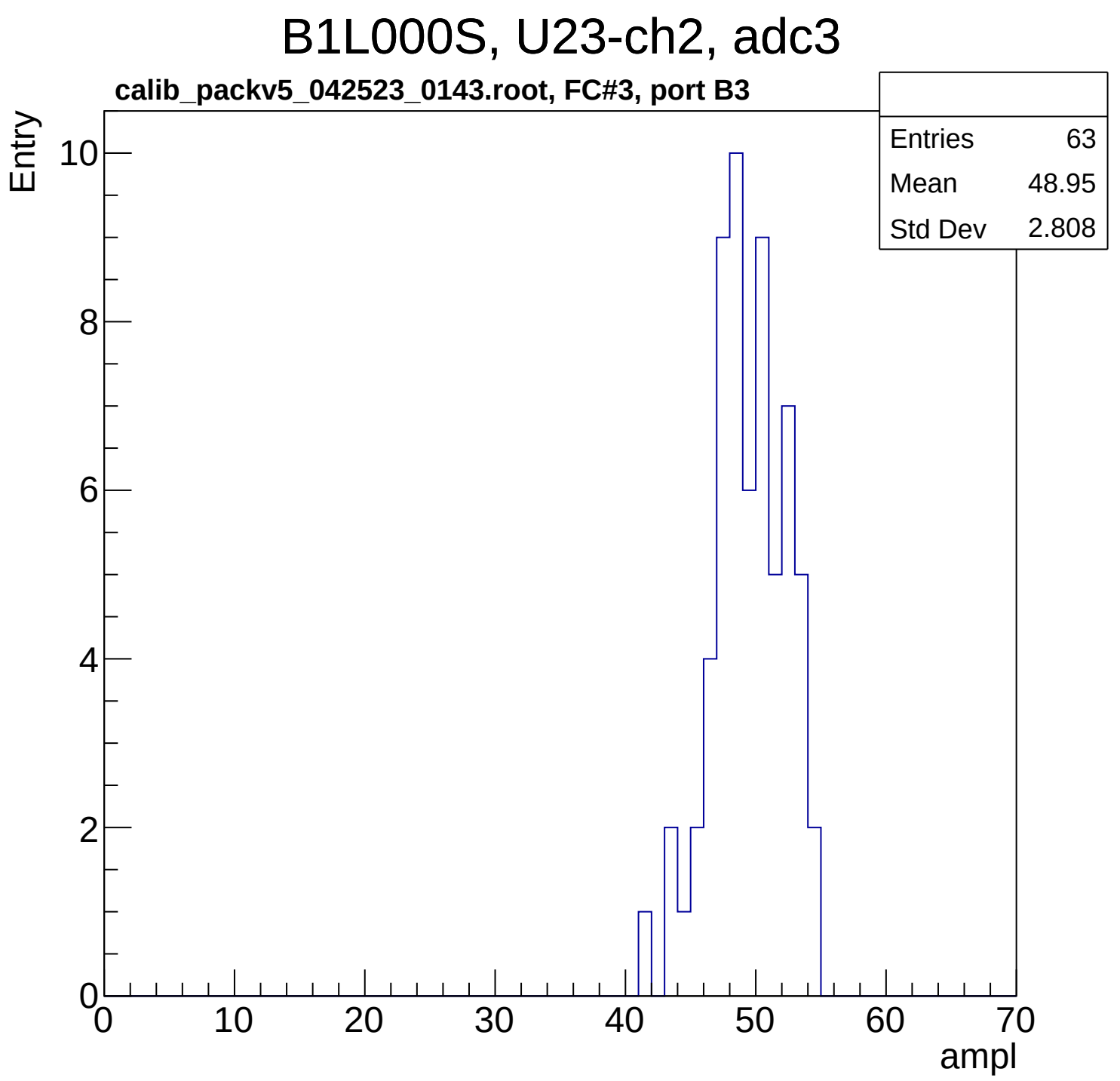
B1L000S, U23-ch2, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 48.95
Std Dev 2.808
Entry
ampl
0
2
4
6
8
10
0
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20
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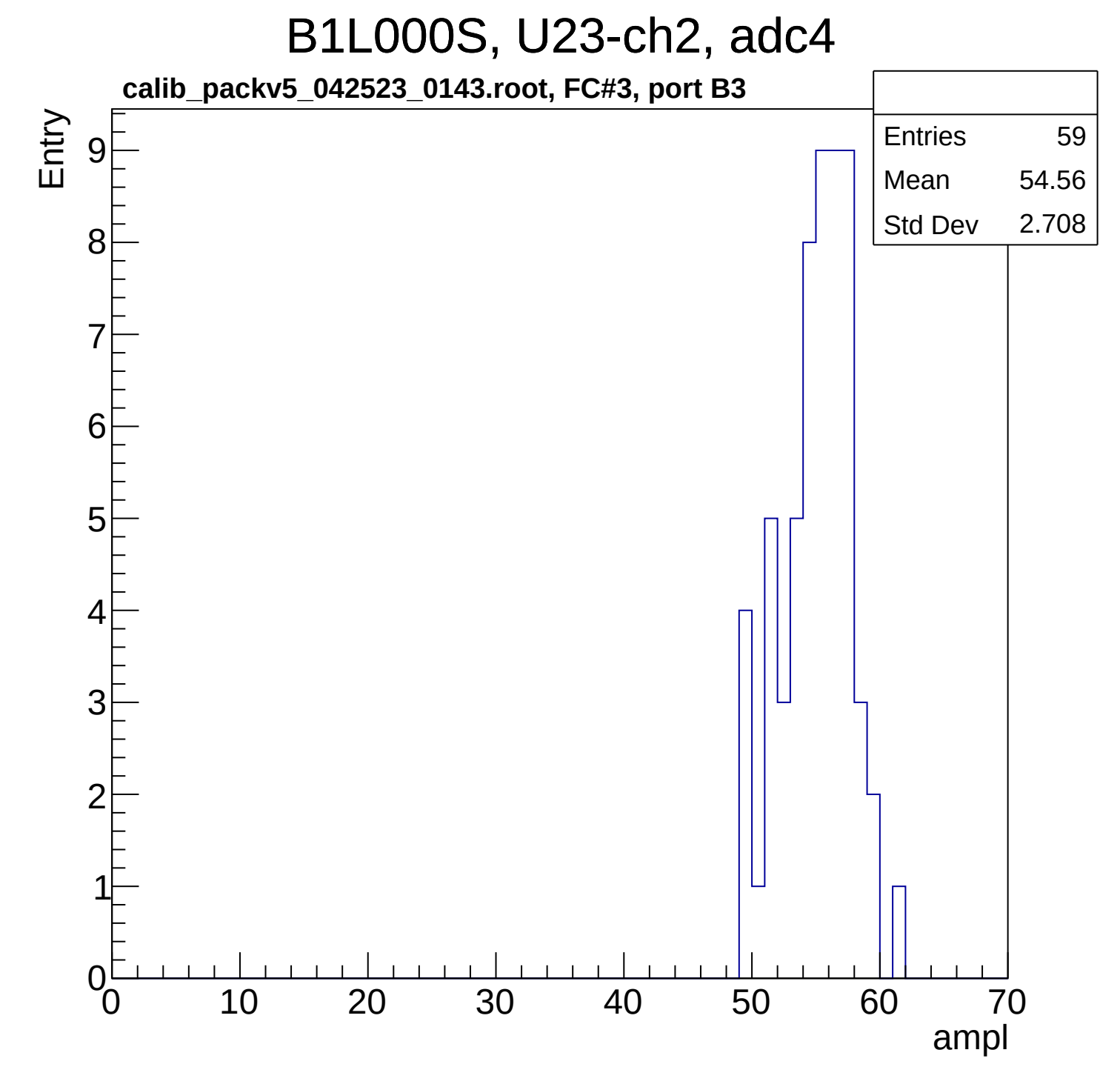
40
50
60
70


B1L000S, U23-ch2, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.56
Std Dev 2.708
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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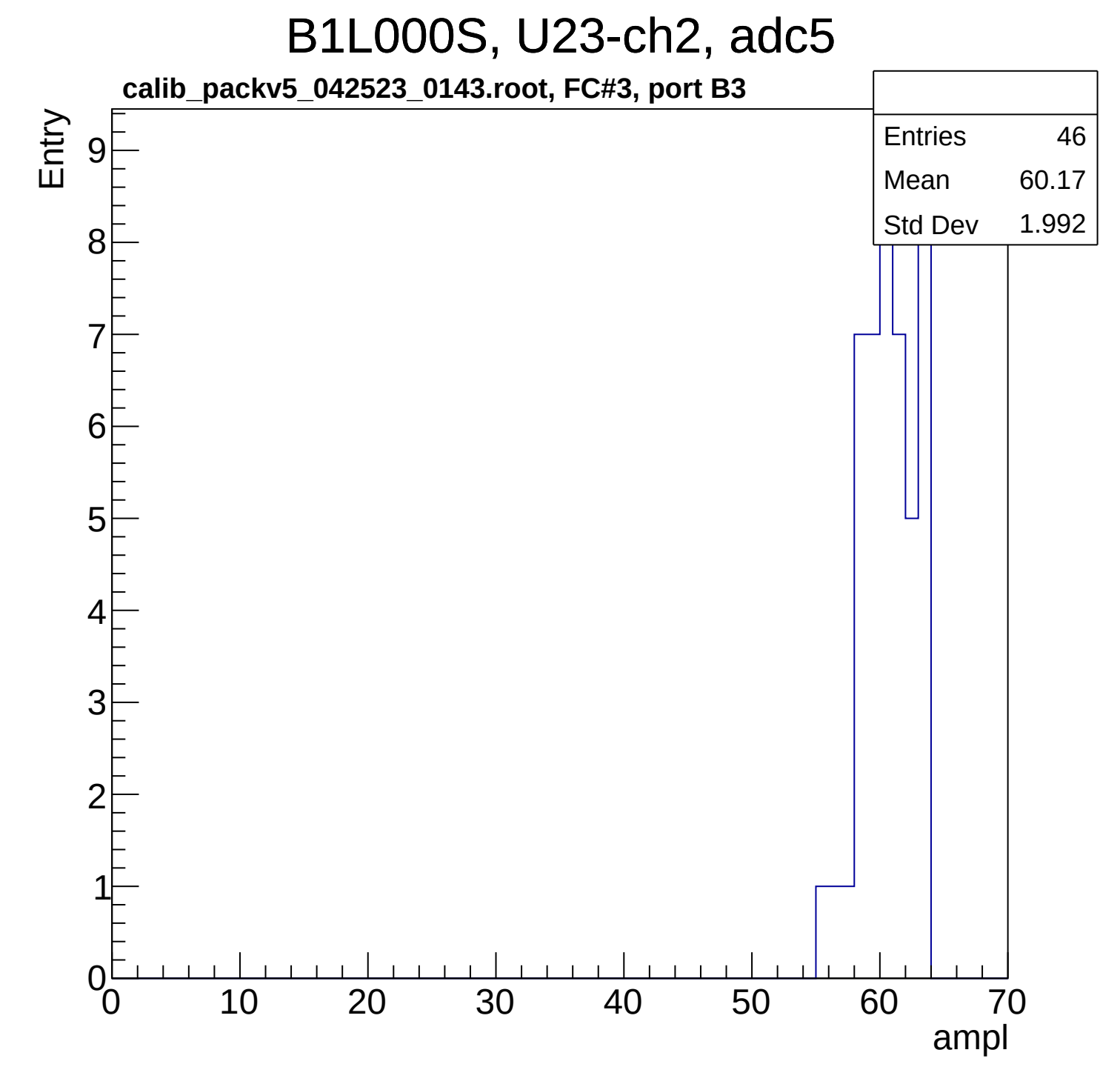
B1L000S, U23-ch2, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 60.17
Std Dev 1.992
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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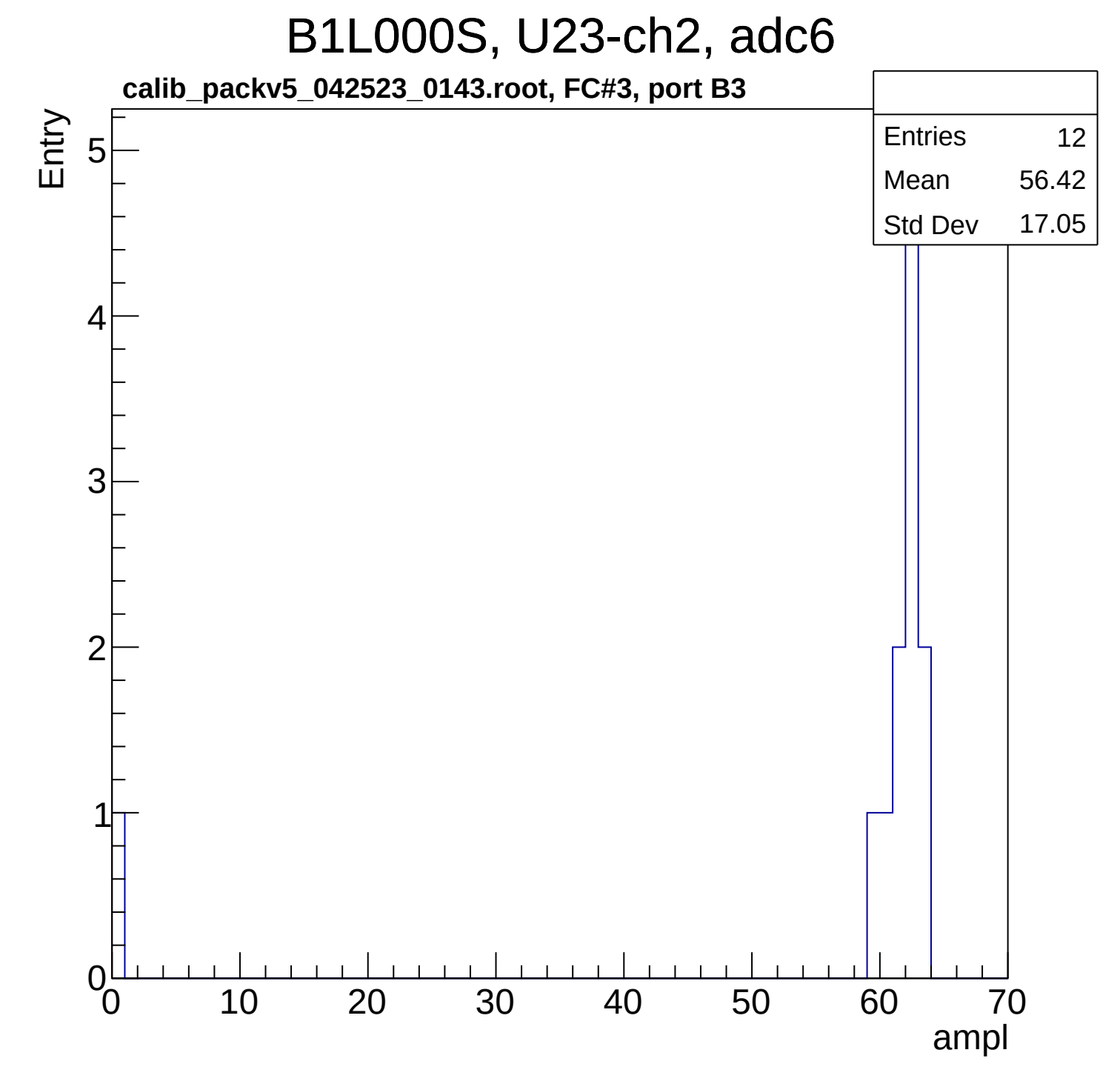
B1L000S, U23-ch2, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.42
Std Dev 17.05
Entry
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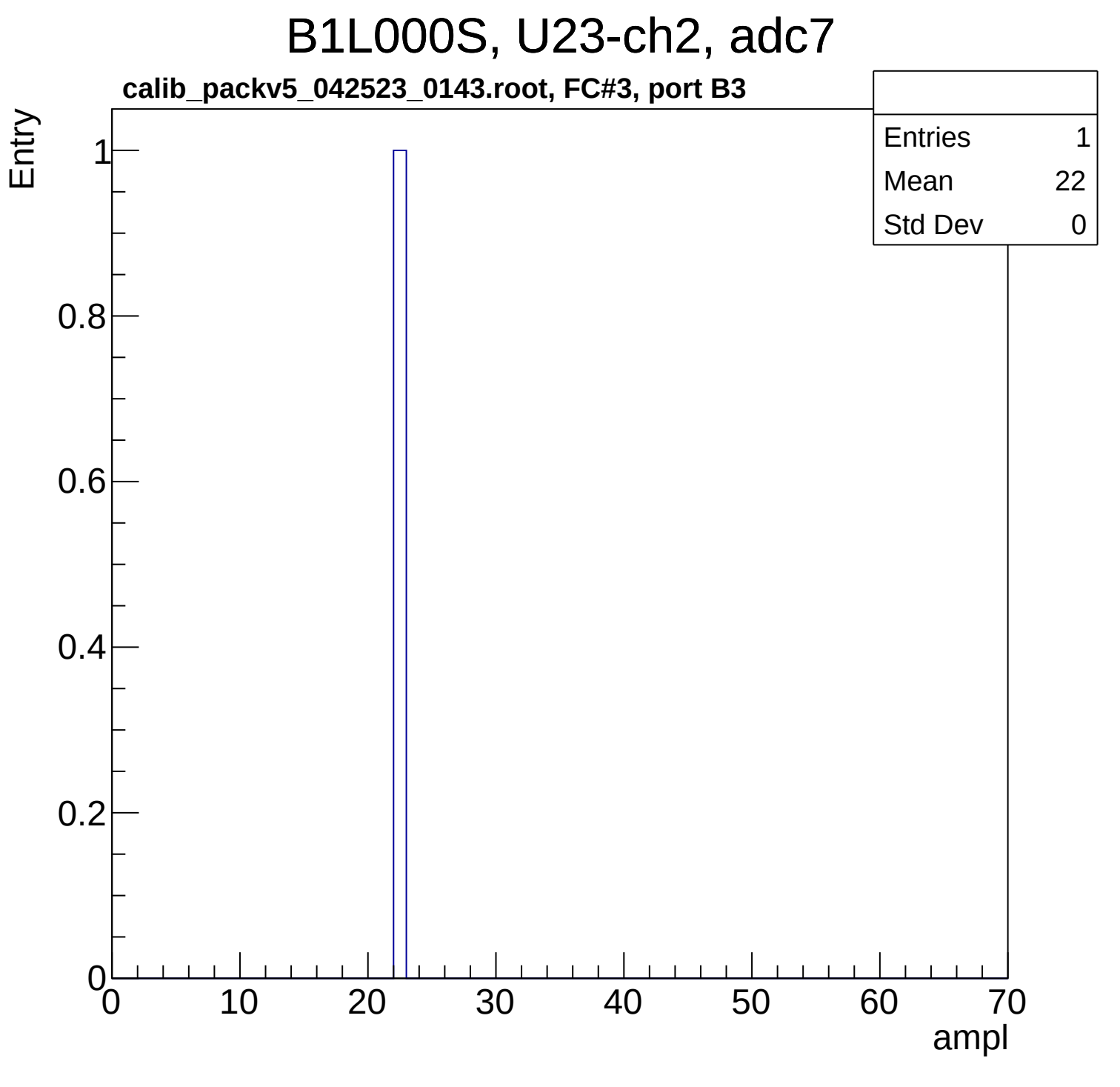
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch2, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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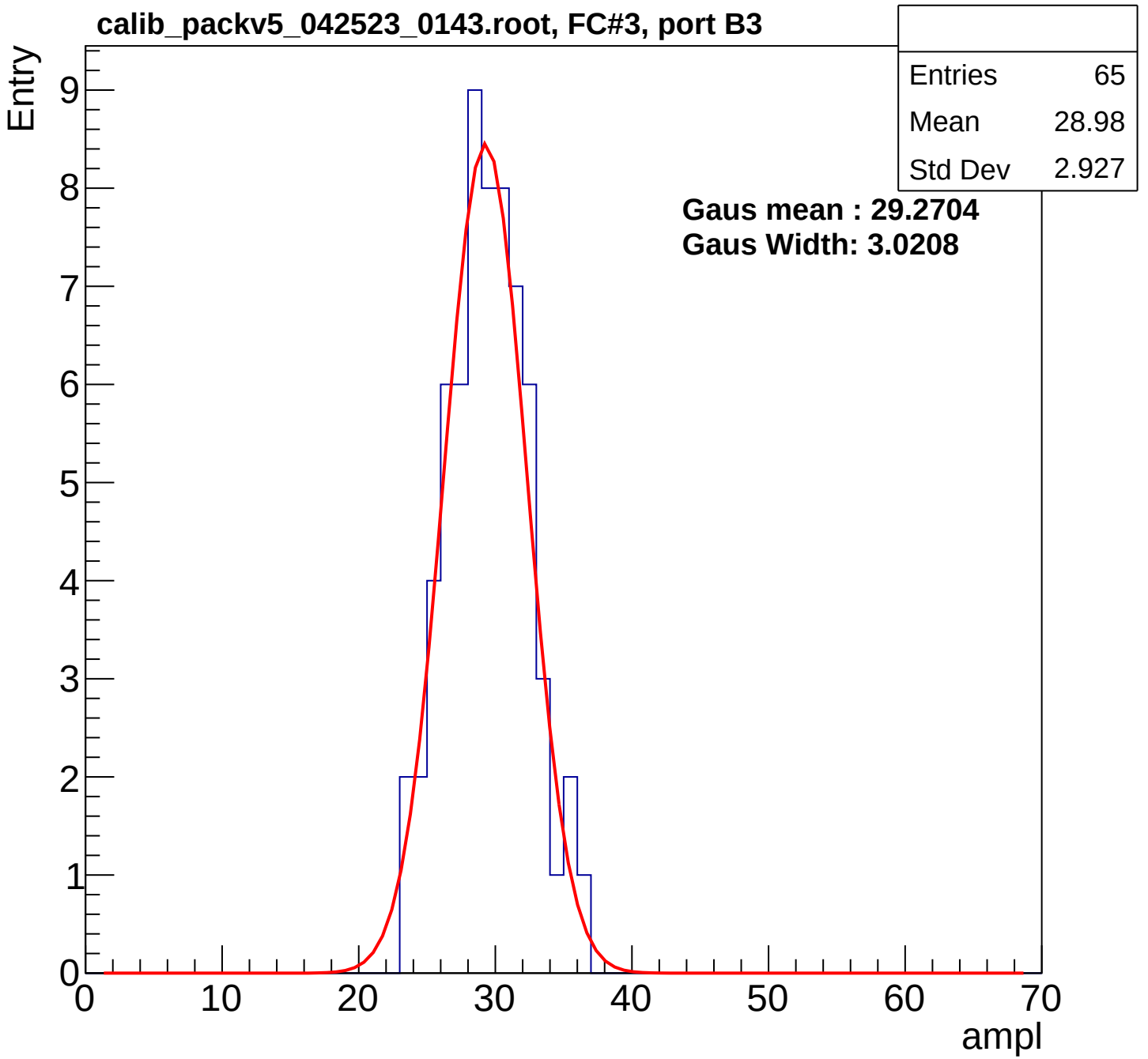
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch3, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.98
Std Dev 2.927
Gaus mean : 29.2704
Gaus Width: 3.0208
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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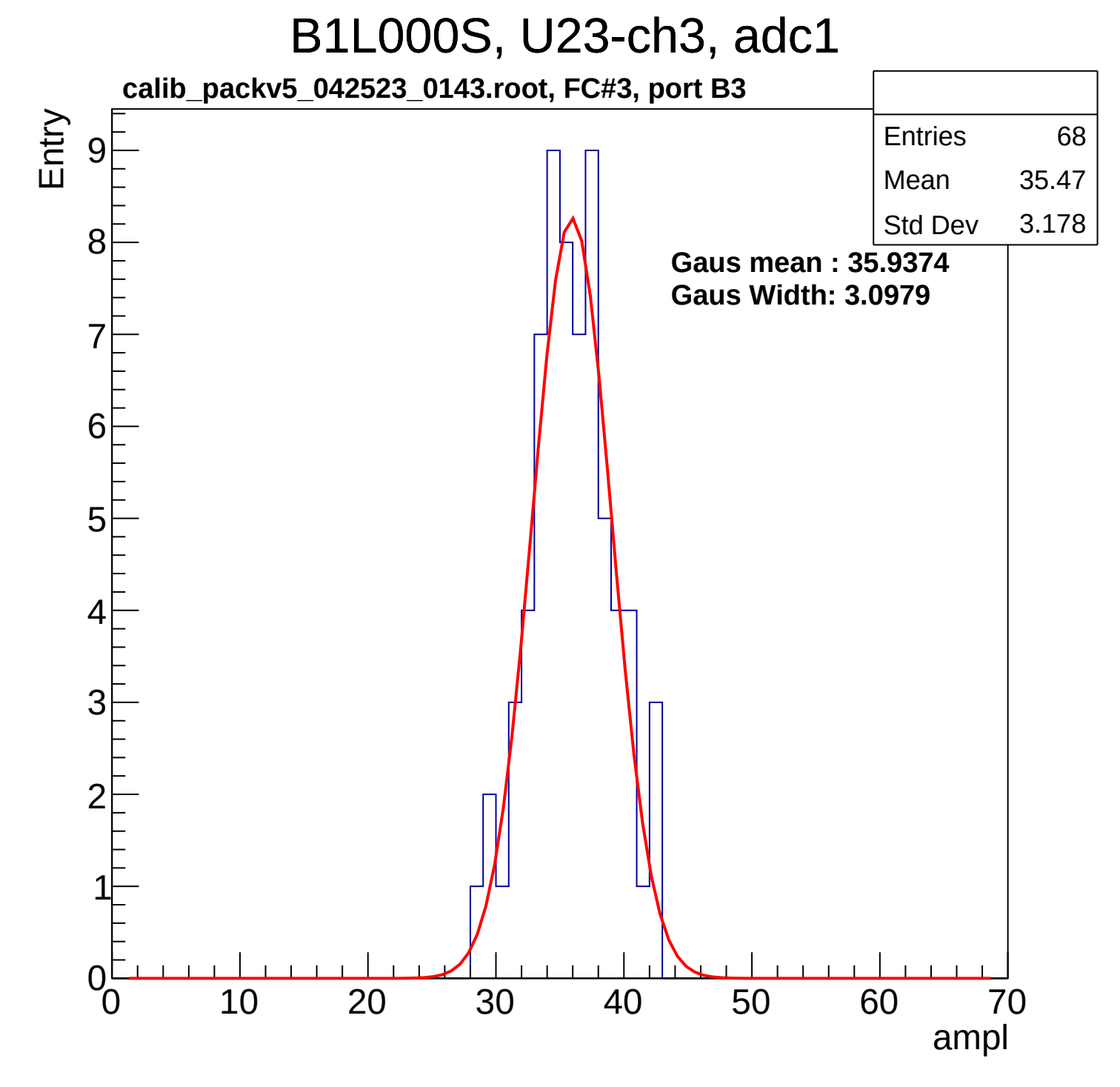
B1L000S, U23-ch3, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 35.47
Std Dev 3.178
Gaus mean : 35.9374
Gaus Width: 3.0979
Entry
ampl
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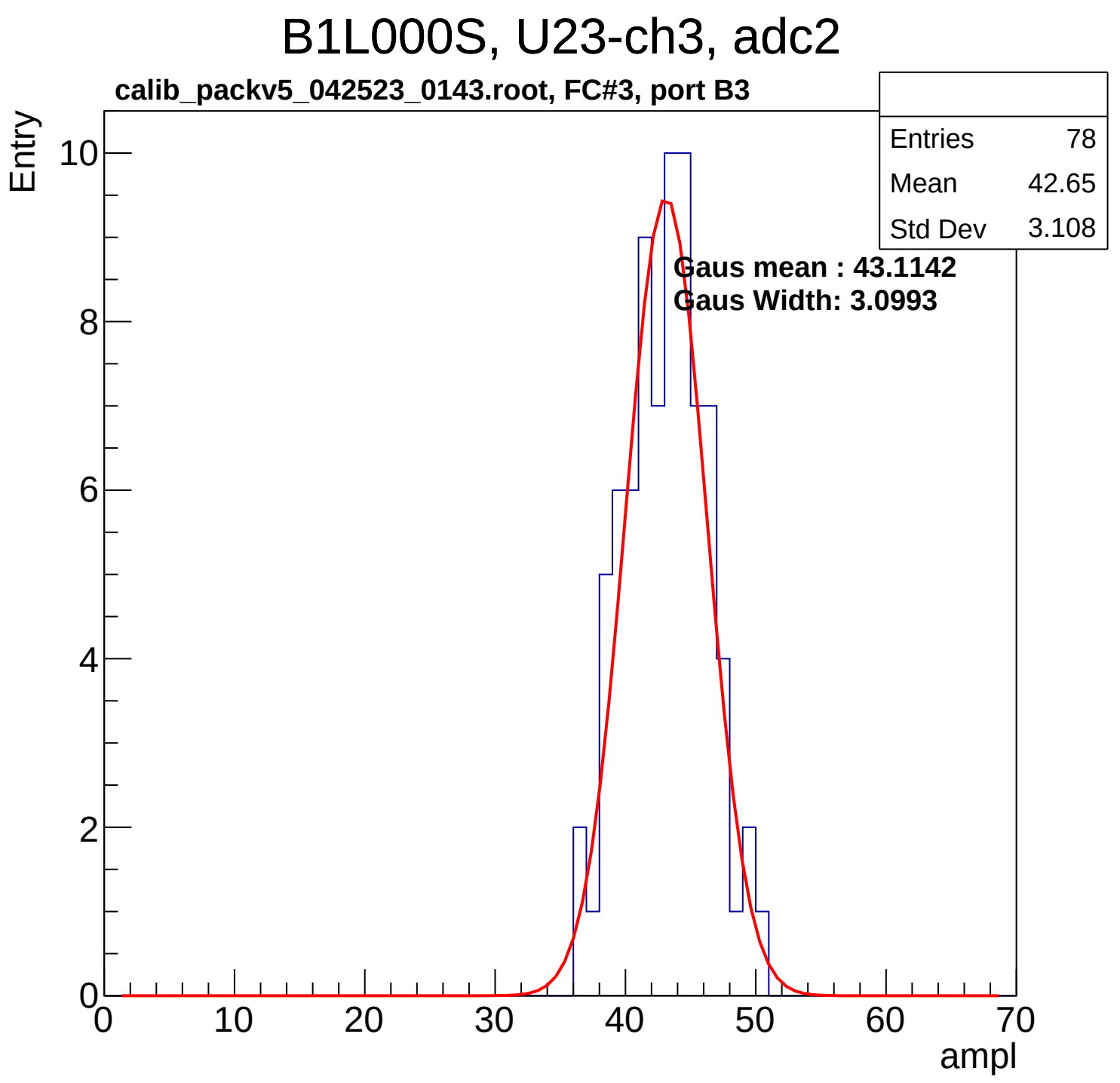
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch3, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 42.65
Std Dev 3.108
Gaus mean : 43.1142
Gaus Width: 3.0993
Entry
ampl
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2
4
6
8
10
0
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20
30
40
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60
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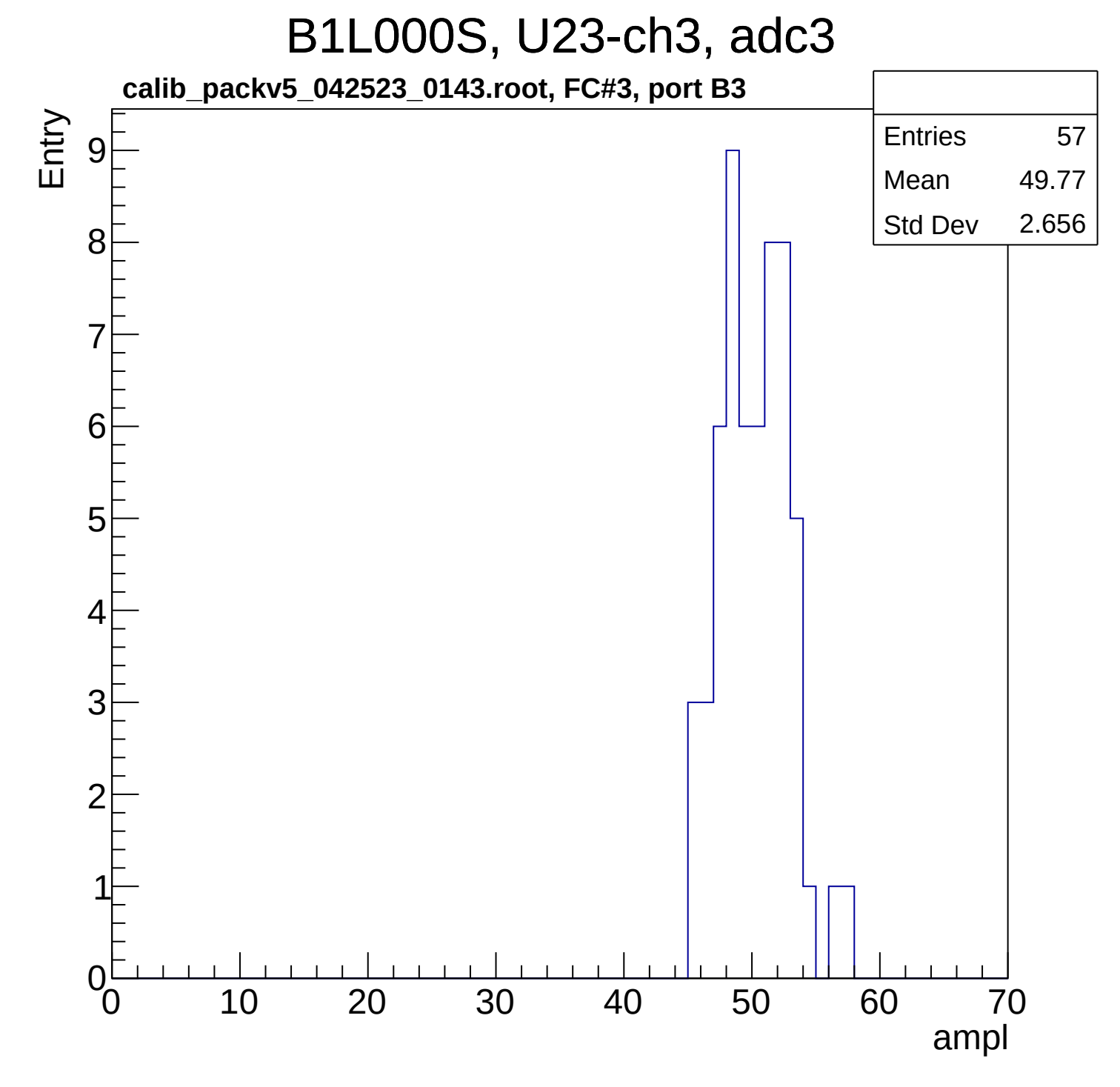
B1L000S, U23-ch3, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 49.77
Std Dev 2.656
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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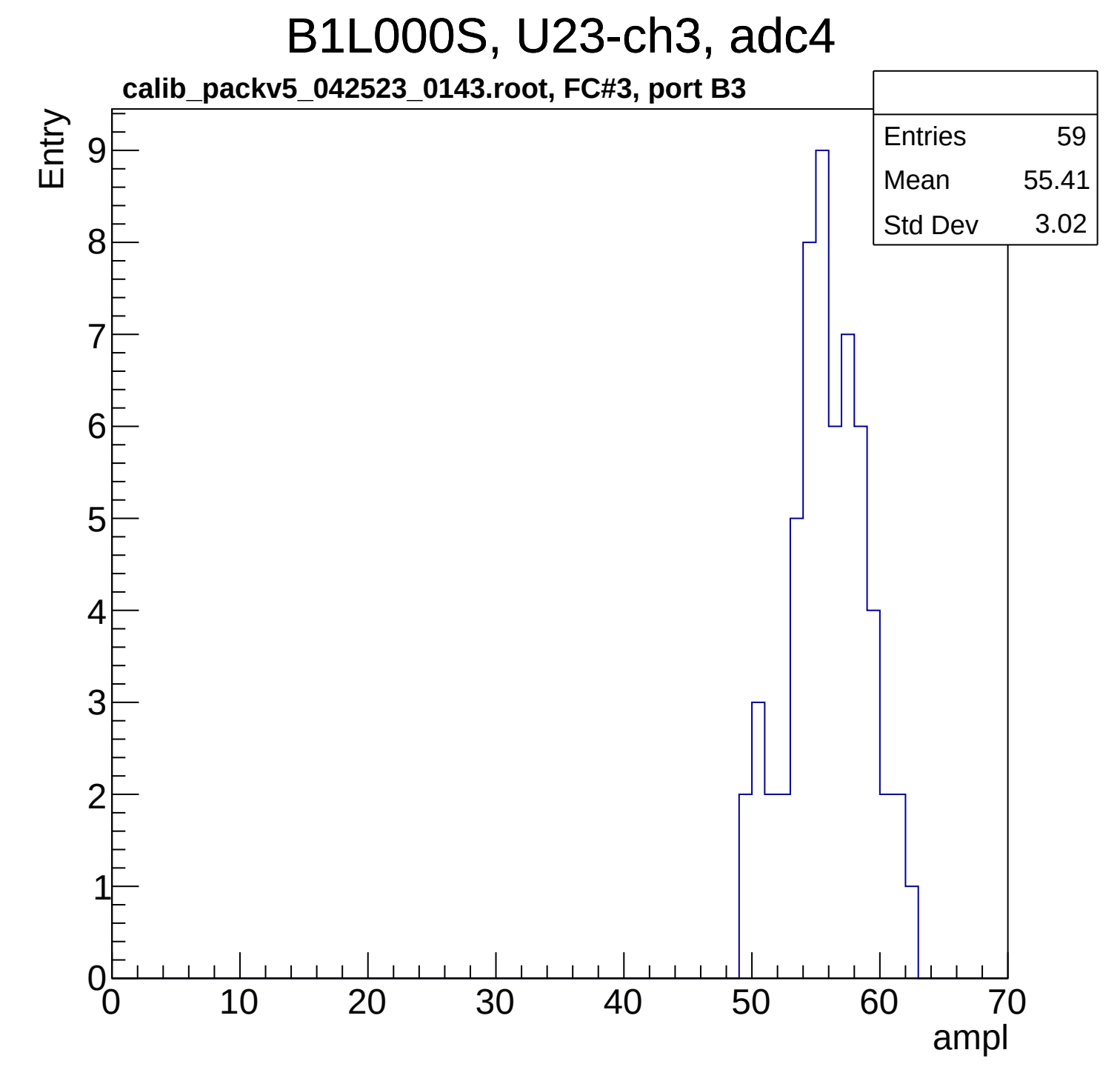
B1L000S, U23-ch3, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 55.41
Std Dev 3.02
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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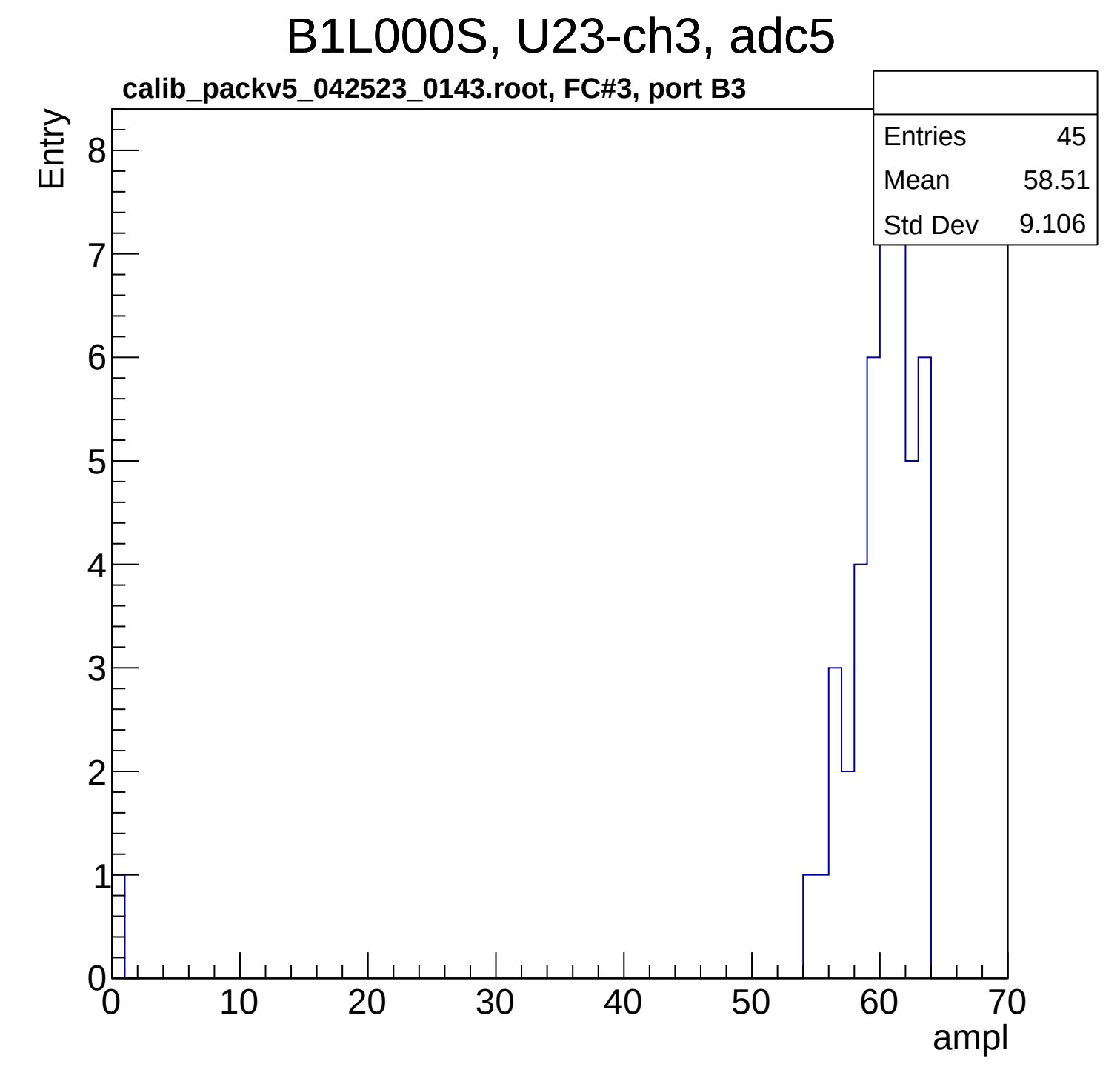
B1L000S, U23-ch3, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.51
Std Dev 9.106
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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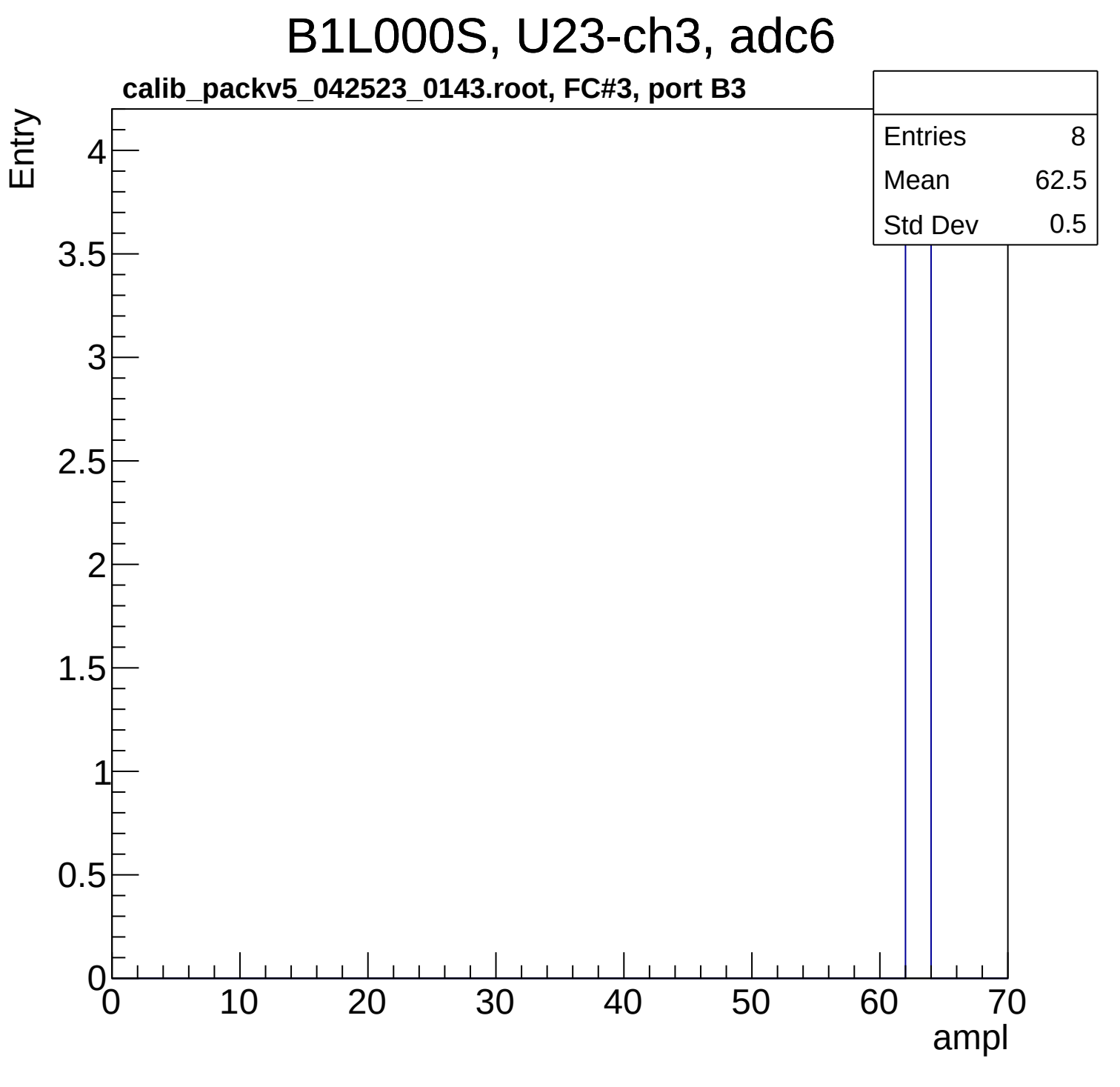
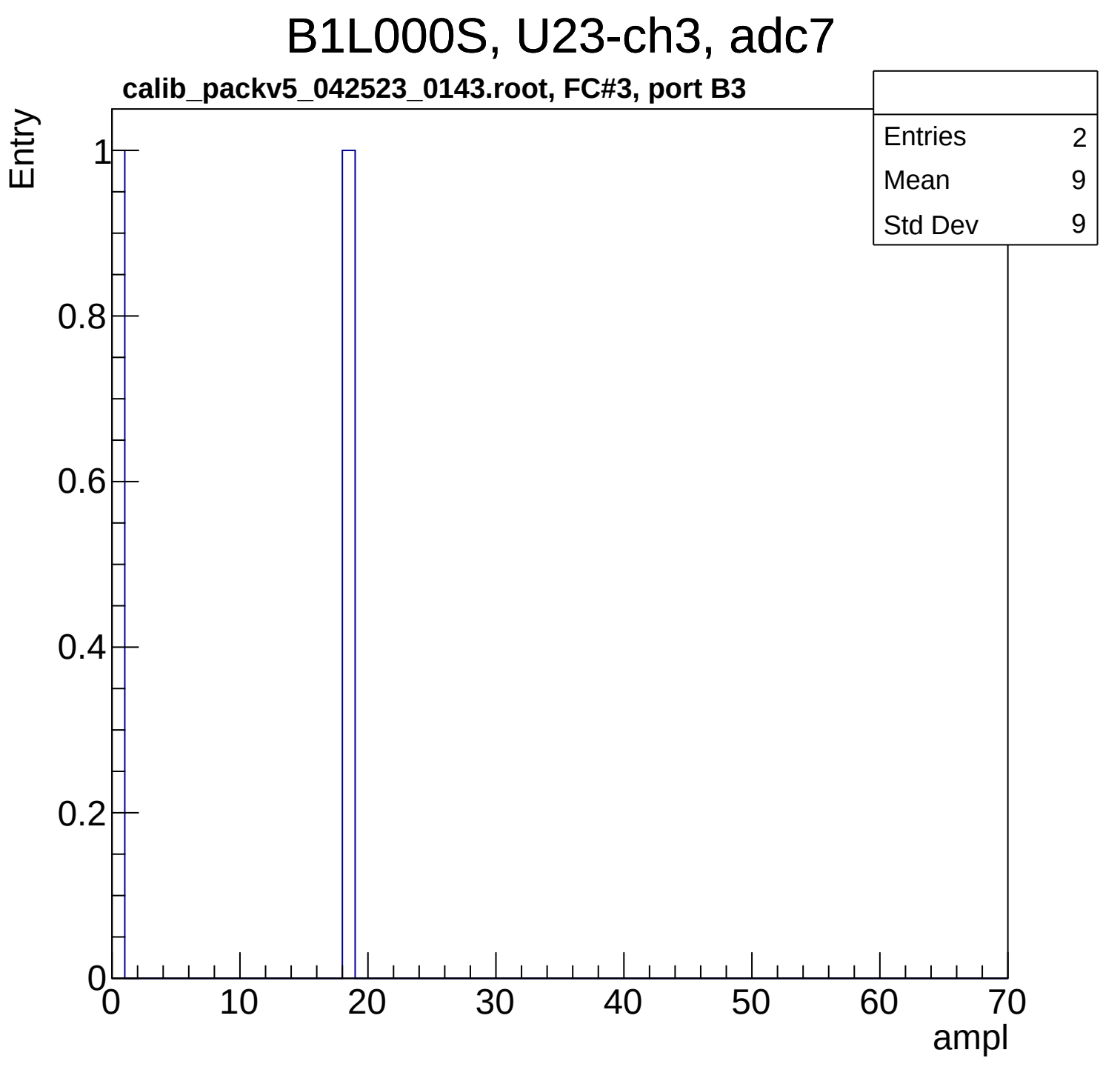

B1L000S, U23-ch3, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.5
Std Dev 0.5
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch3, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 9
Std Dev 9
Entry
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0.8
0.6
0.4
0.2
0
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10
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50
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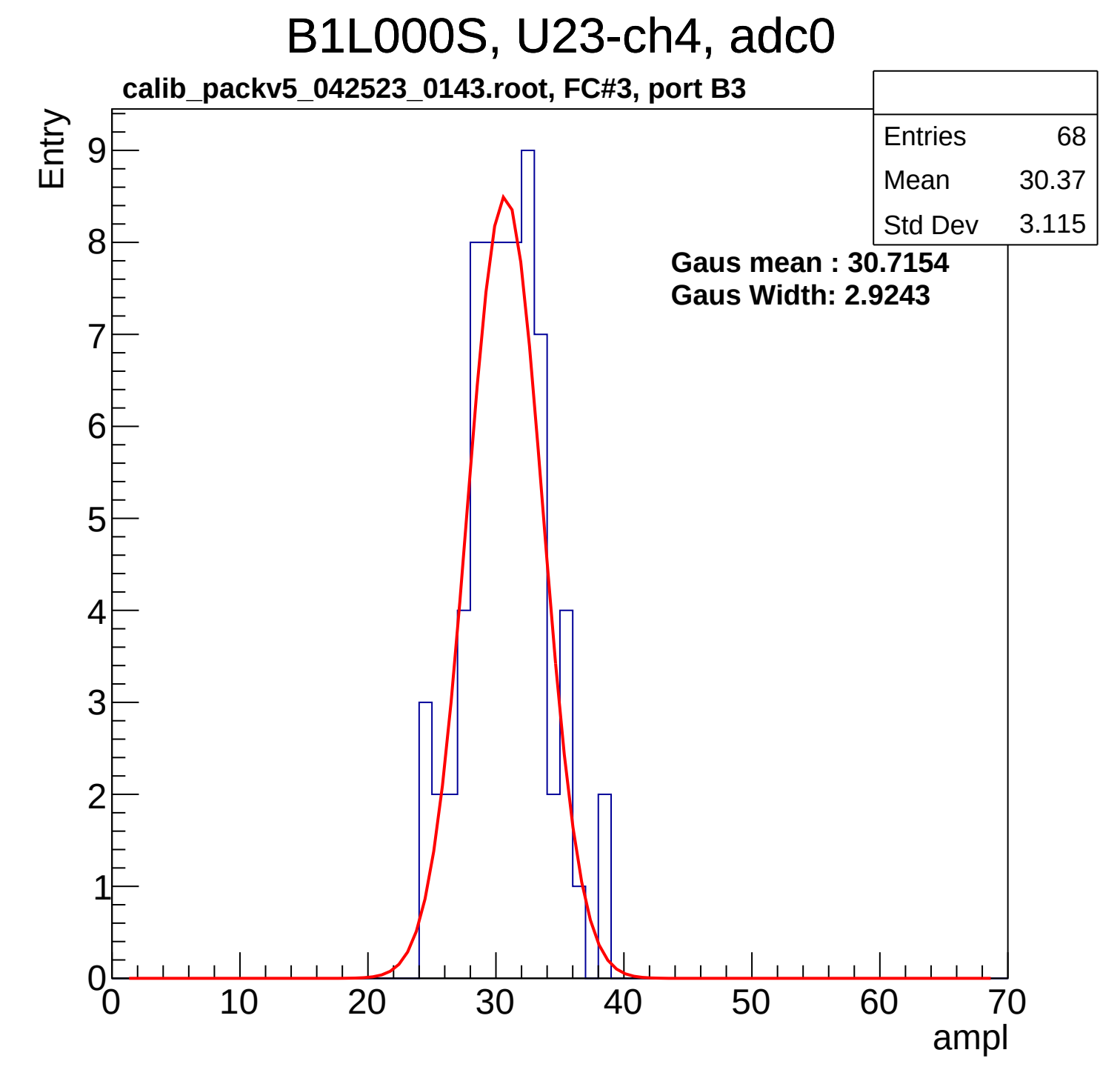
70
ampl


B1L000S, U23-ch4, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 30.37
Std Dev 3.115
Gaus mean : 30.7154
Gaus Width: 2.9243
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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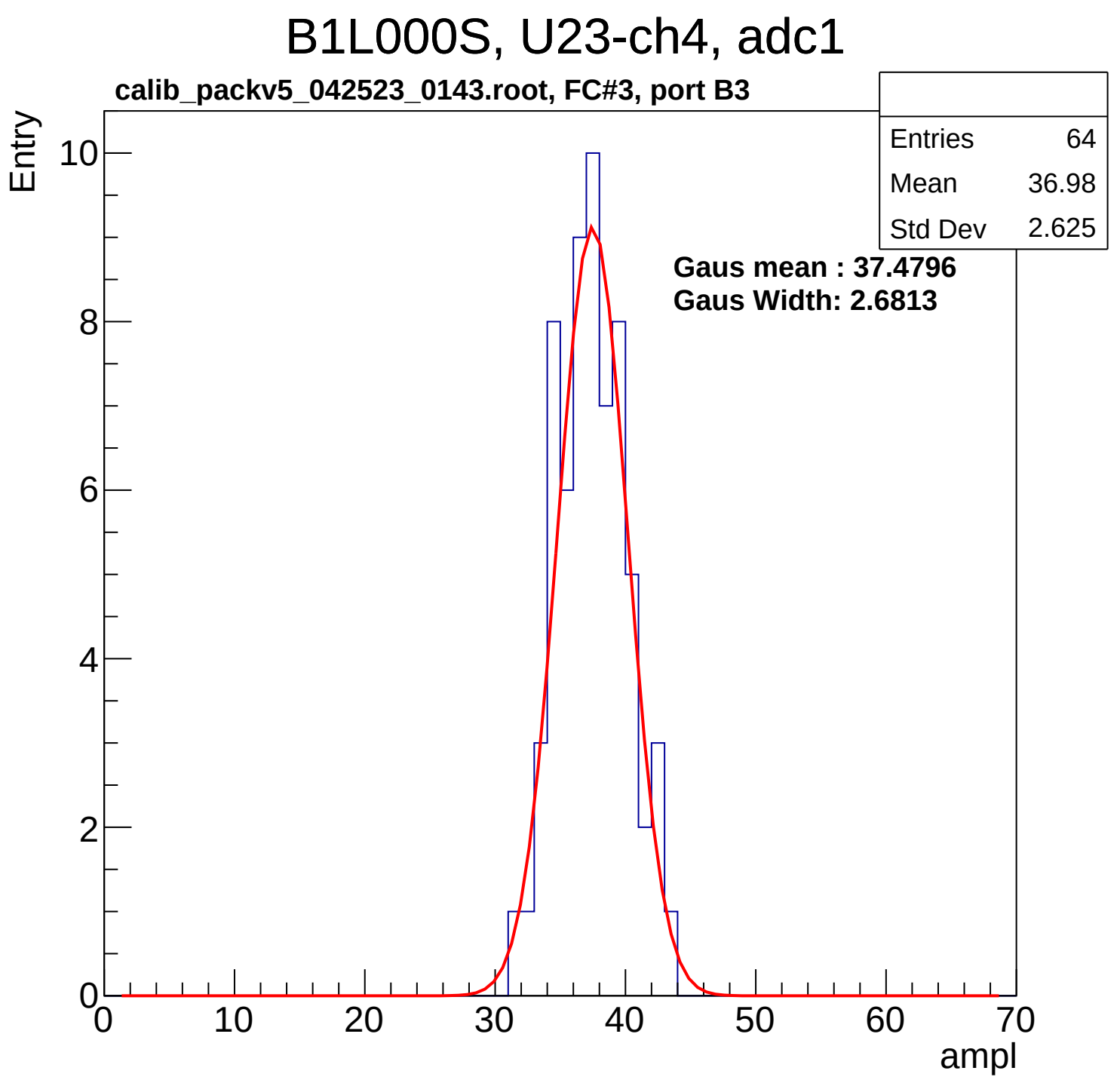
B1L000S, U23-ch4, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.98
Std Dev 2.625
Gaus mean : 37.4796
Gaus Width: 2.6813
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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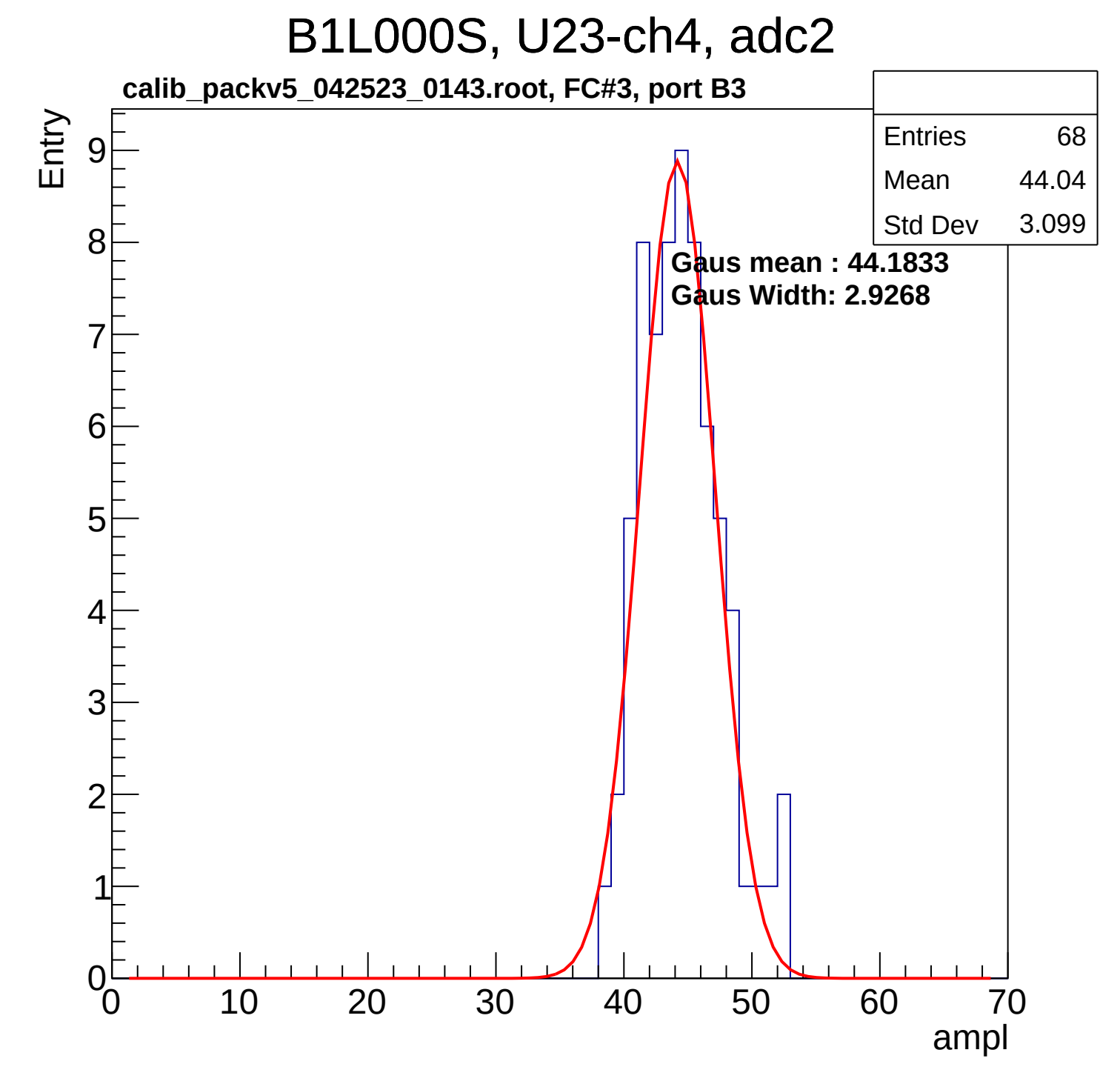
B1L000S, U23-ch4, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 44.04
Std Dev 3.099
Gaus mean : 44.1833
Gaus Width: 2.9268
Entry
ampl
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2
3
4
5
6
7
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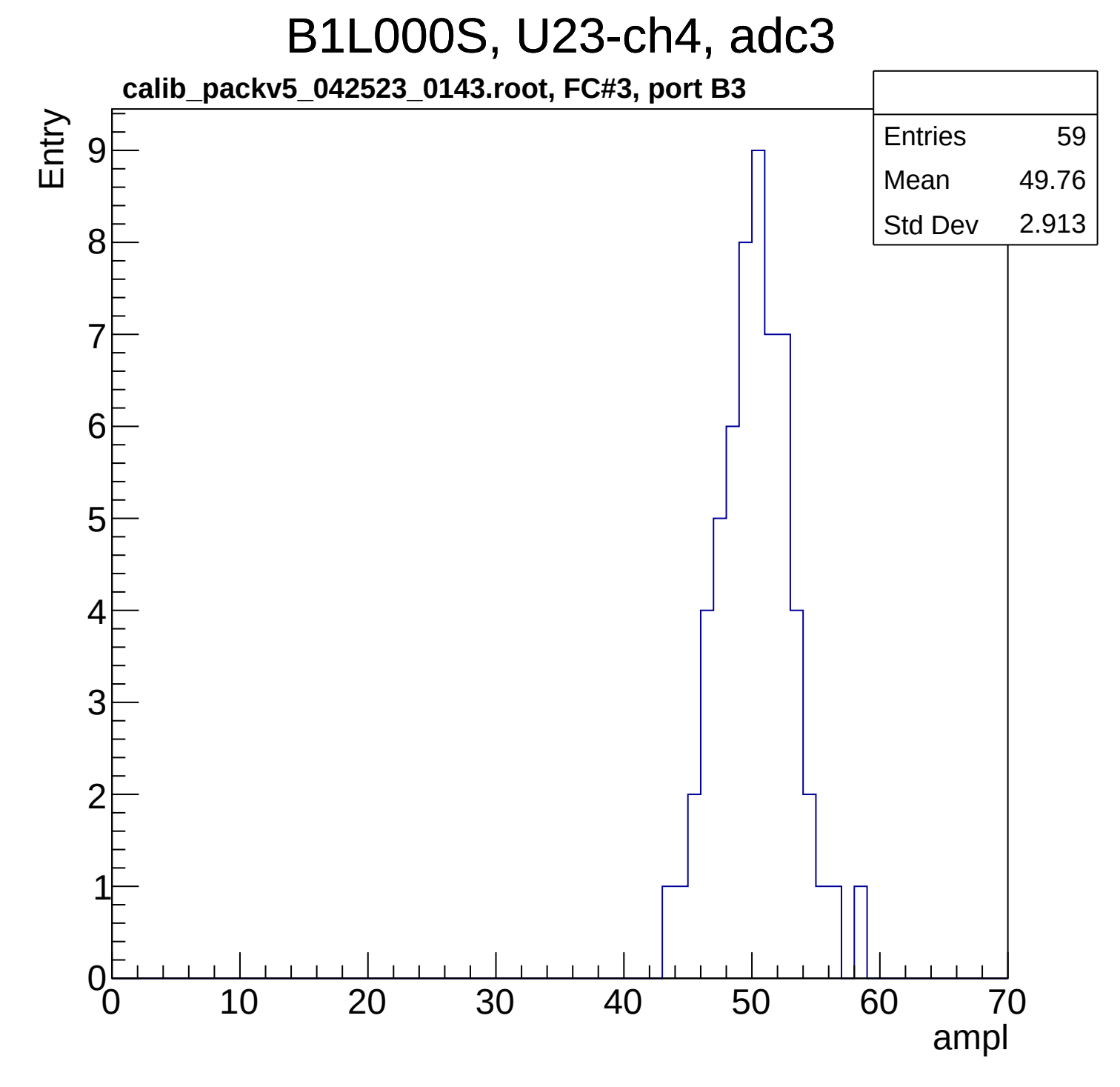
B1L000S, U23-ch4, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 49.76
Std Dev 2.913
Entry
ampl
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2
3
4
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6
7
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0
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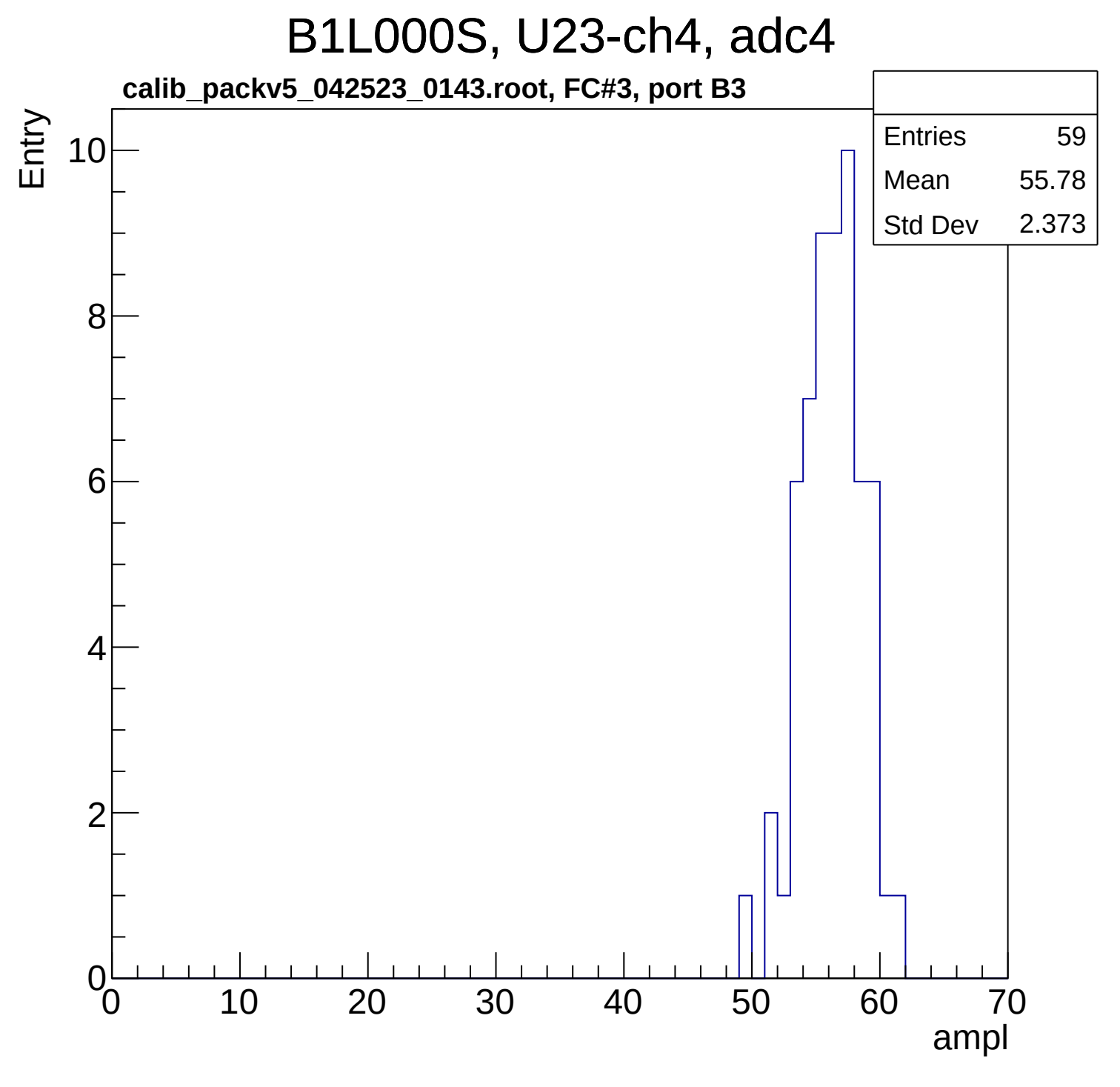
B1L000S, U23-ch4, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 55.78
Std Dev 2.373
Entry
ampl
0
2
4
6
8
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0
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40
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60
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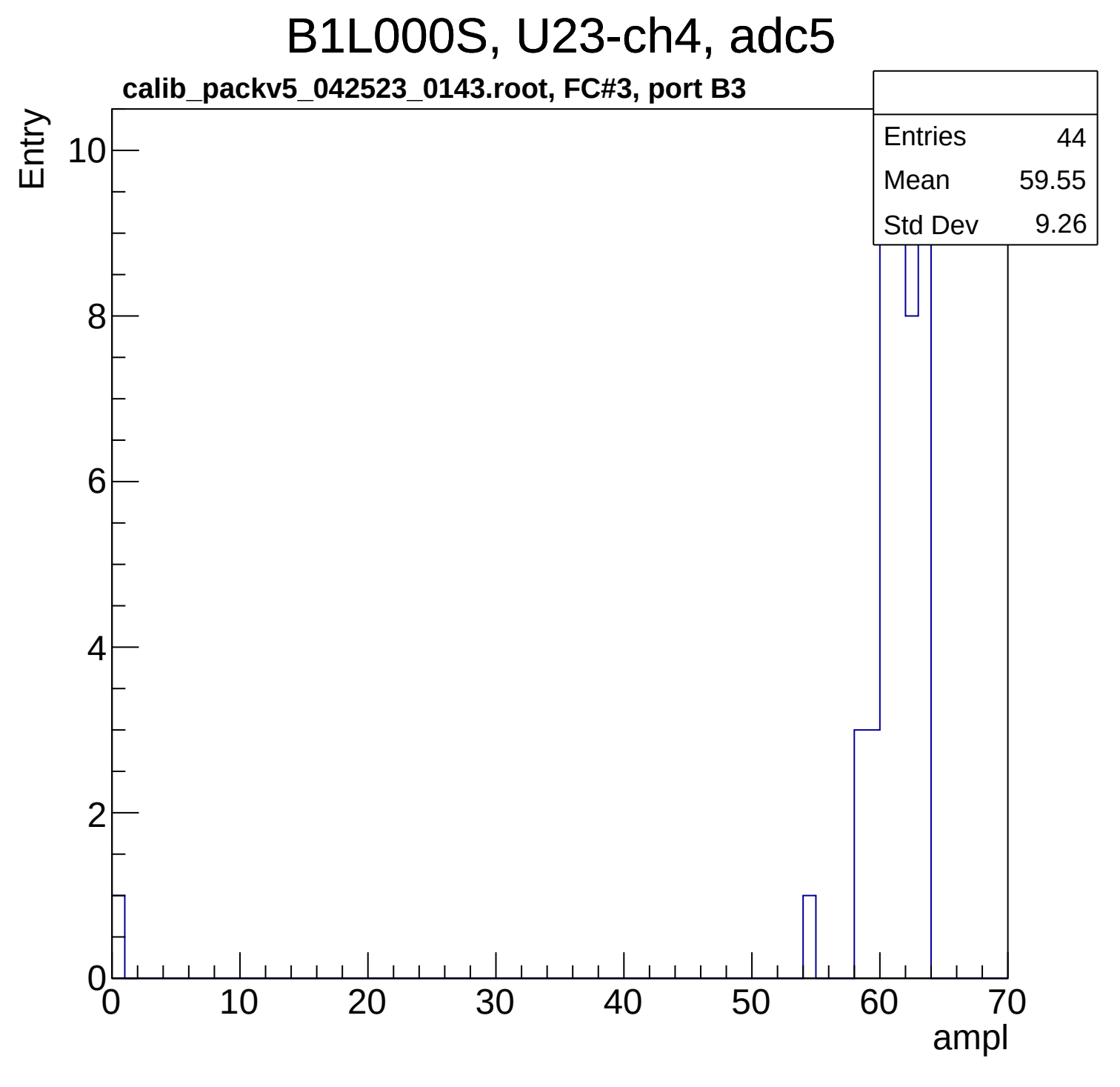
B1L000S, U23-ch4, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 59.55
Std Dev 9.26
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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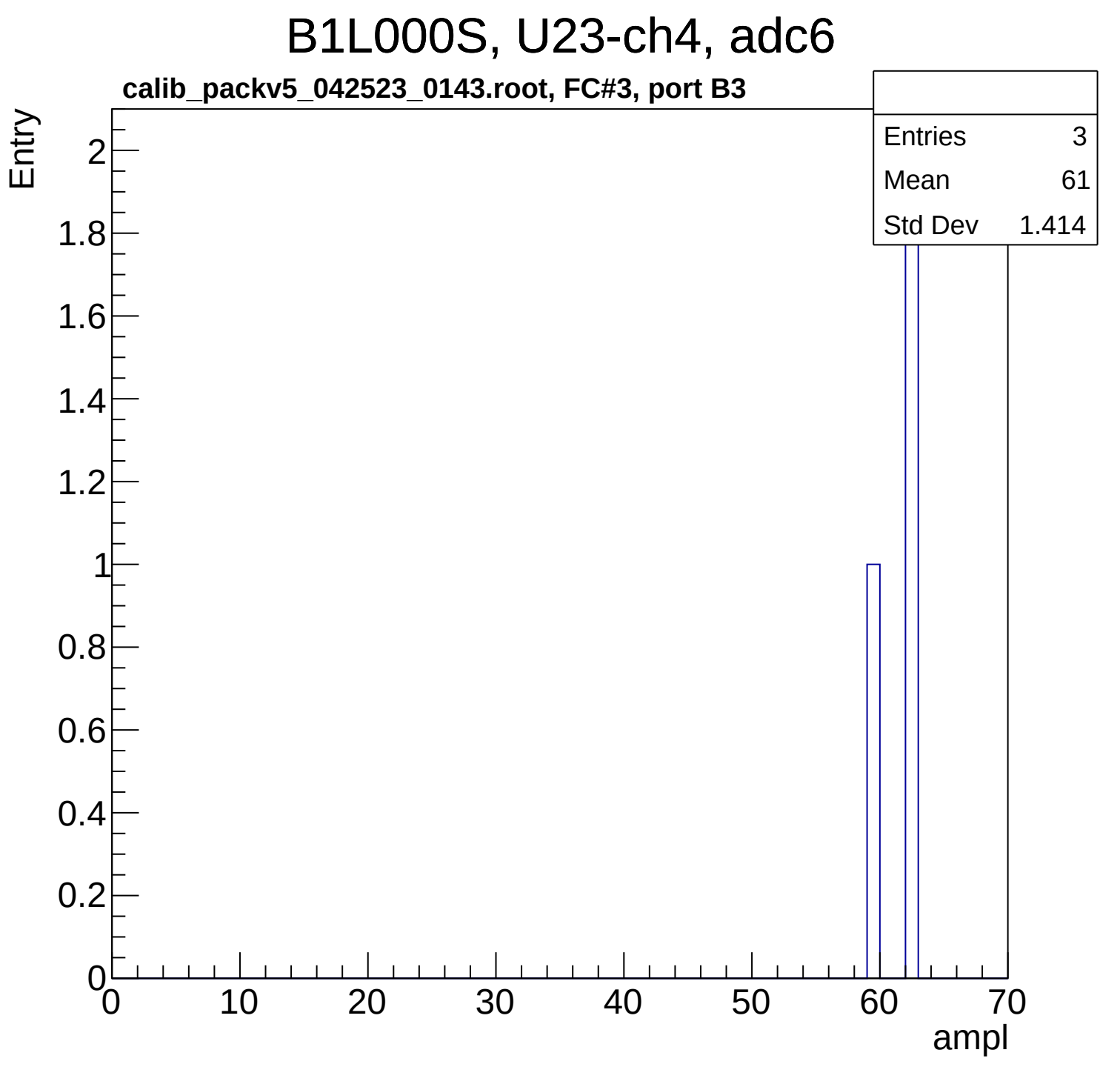
B1L000S, U23-ch4, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 61
Std Dev 1.414
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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40
50
60
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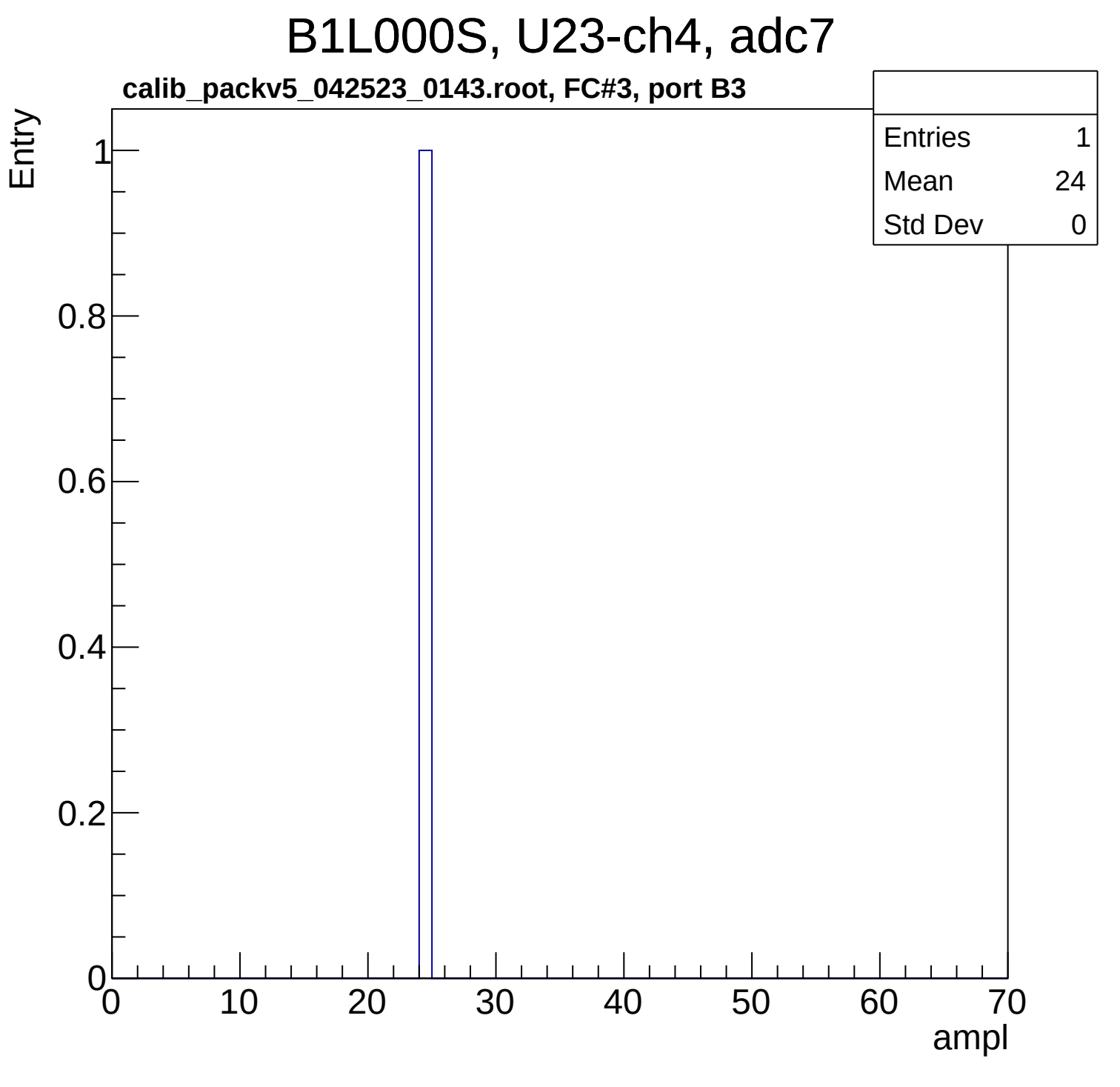
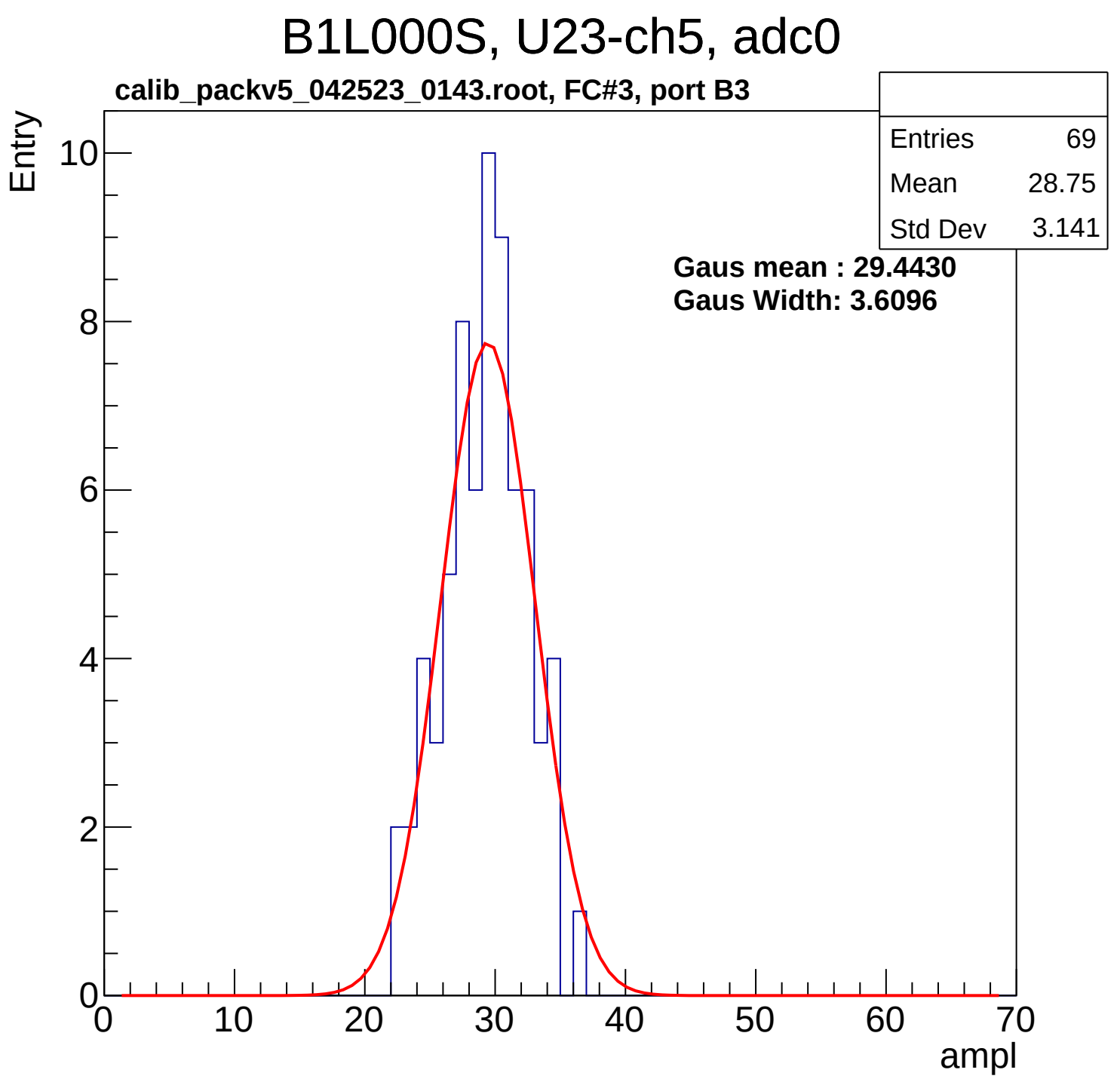
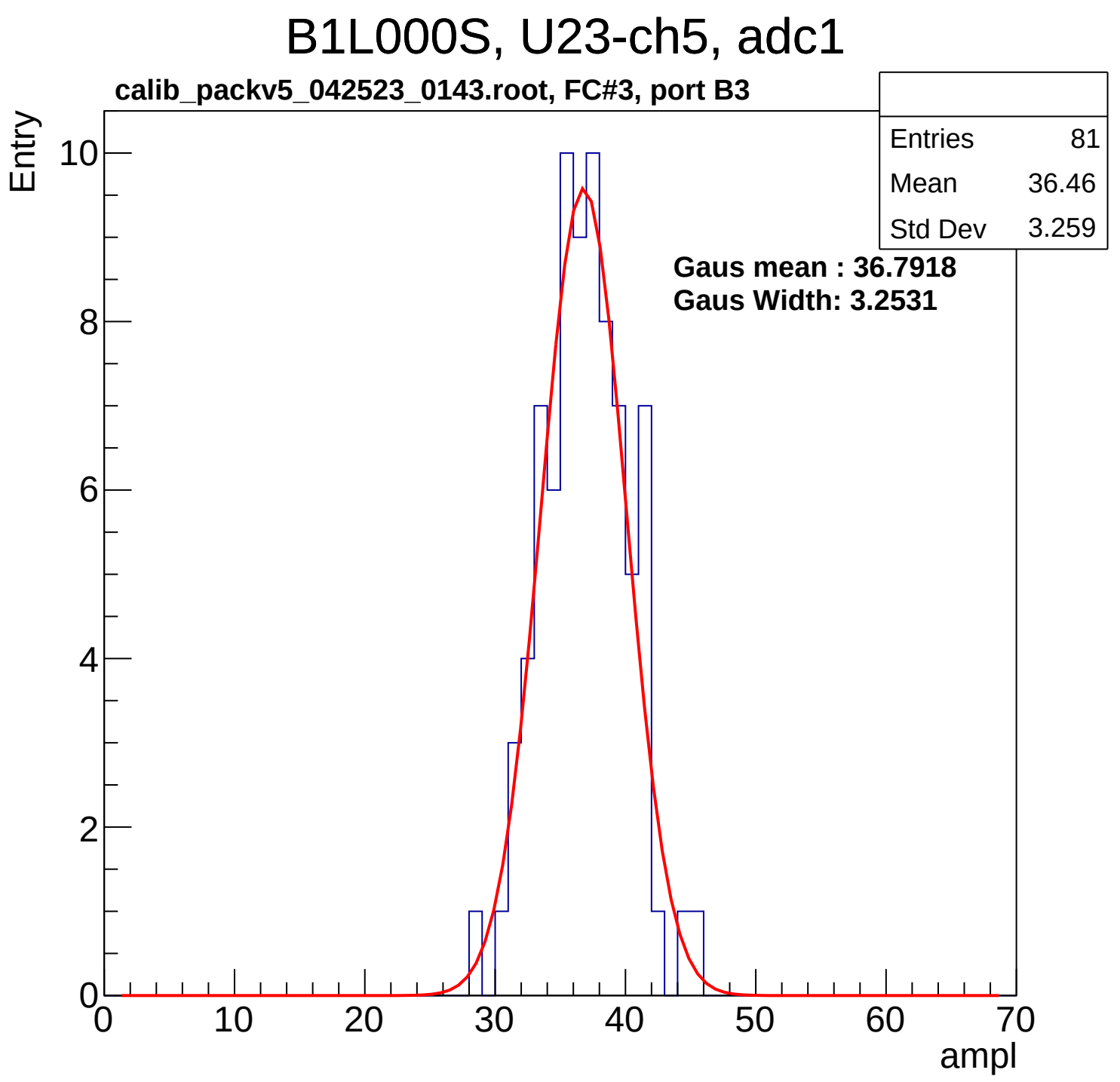
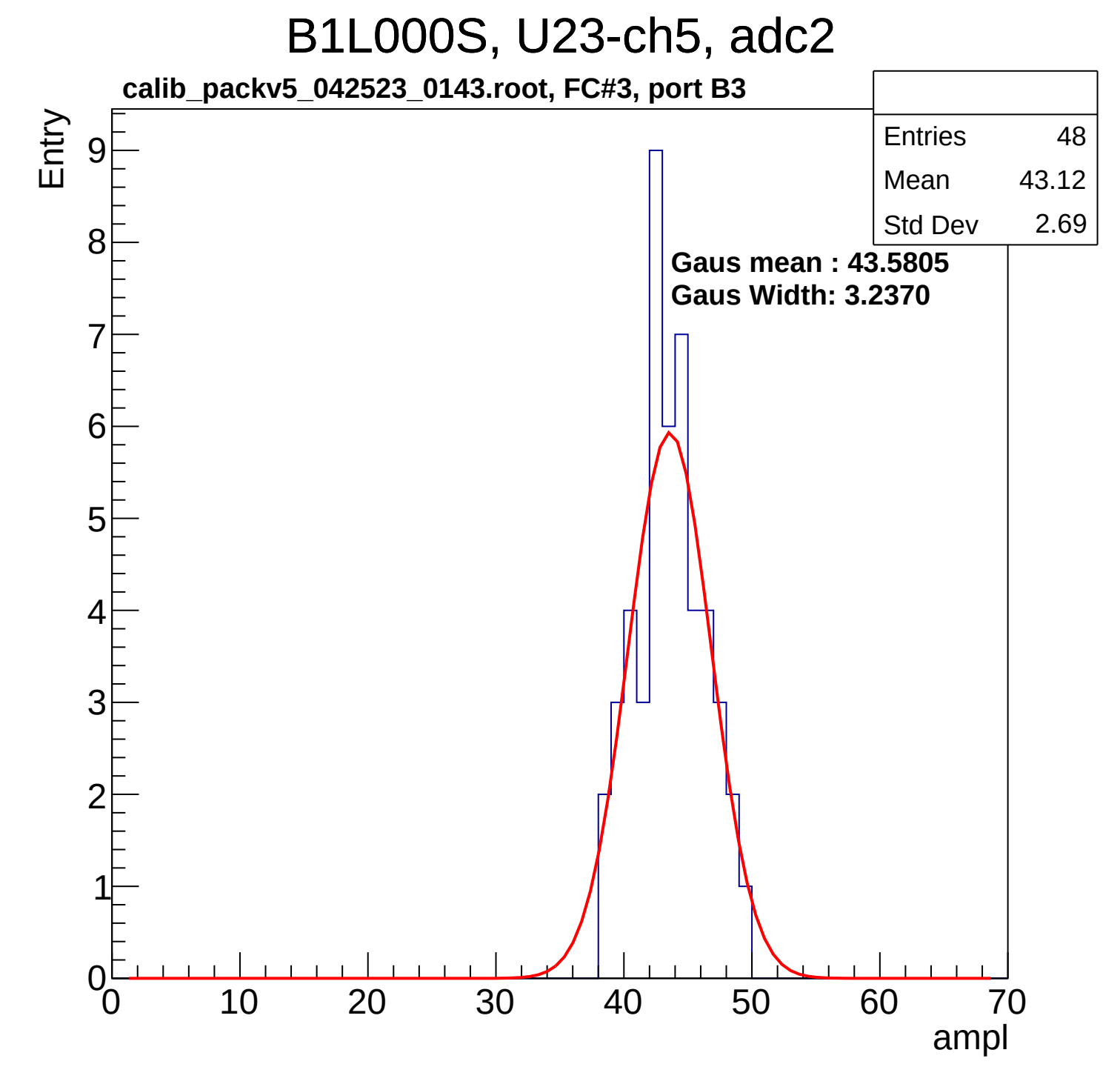

B1L000S, U23-ch4, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch5, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.75
Std Dev 3.141
Gaus mean : 29.4430
Gaus Width: 3.6096
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch5, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 36.46
Std Dev 3.259
Gaus mean : 36.7918
Gaus Width: 3.2531
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch5, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 43.12
Std Dev 2.69
Gaus mean : 43.5805
Gaus Width: 3.2370
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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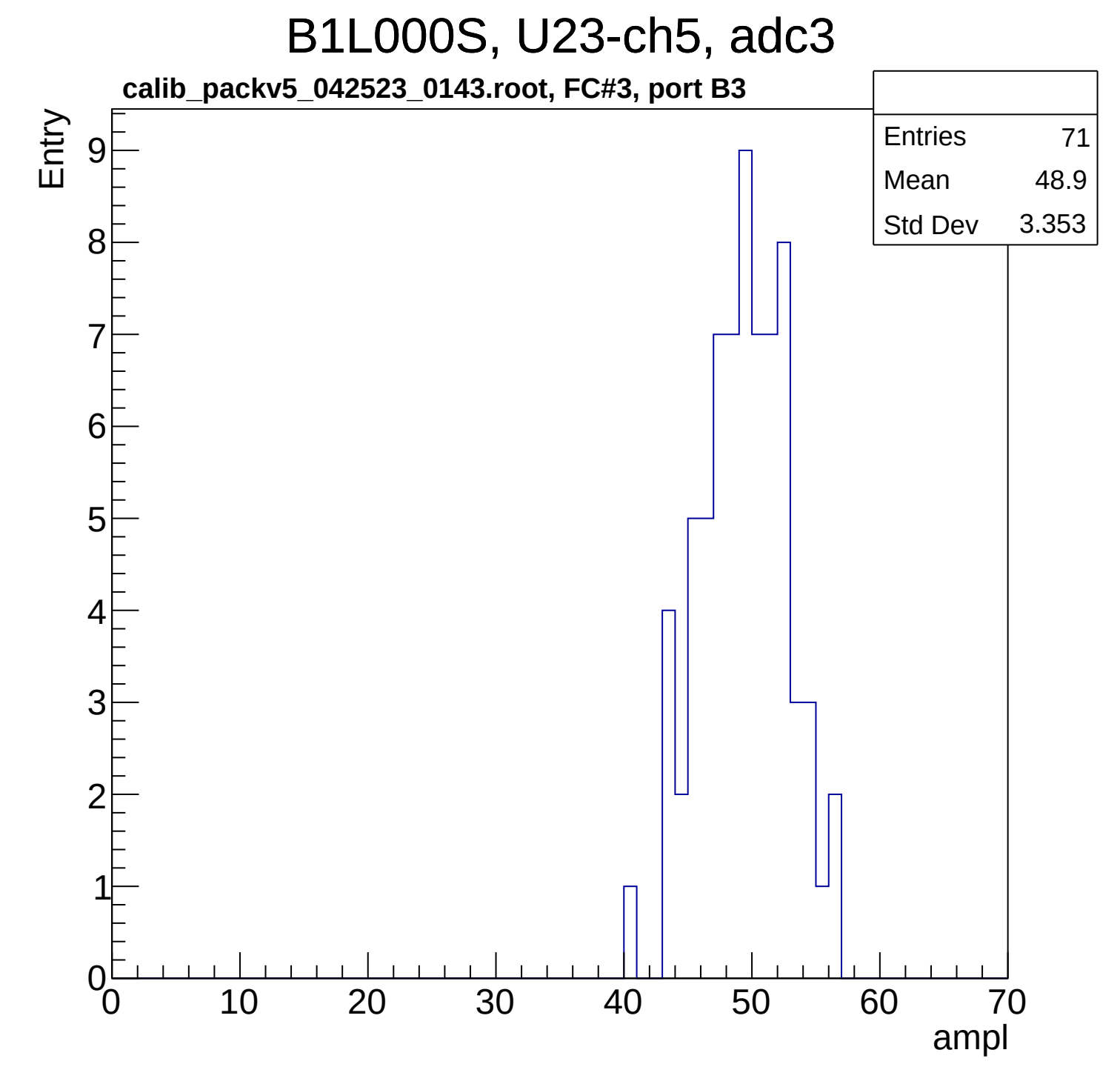
B1L000S, U23-ch5, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.9
Std Dev 3.353
Entry
ampl
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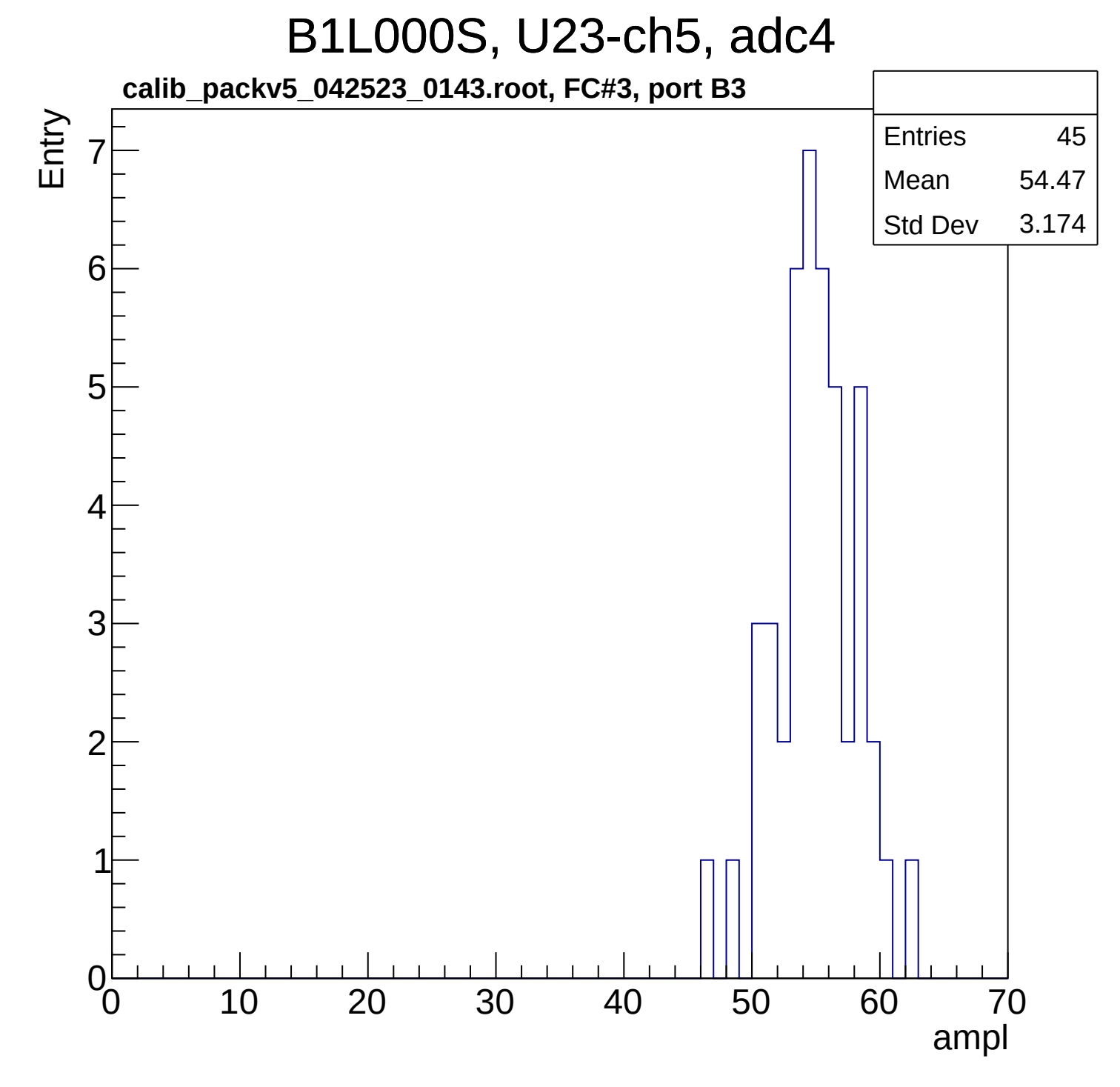
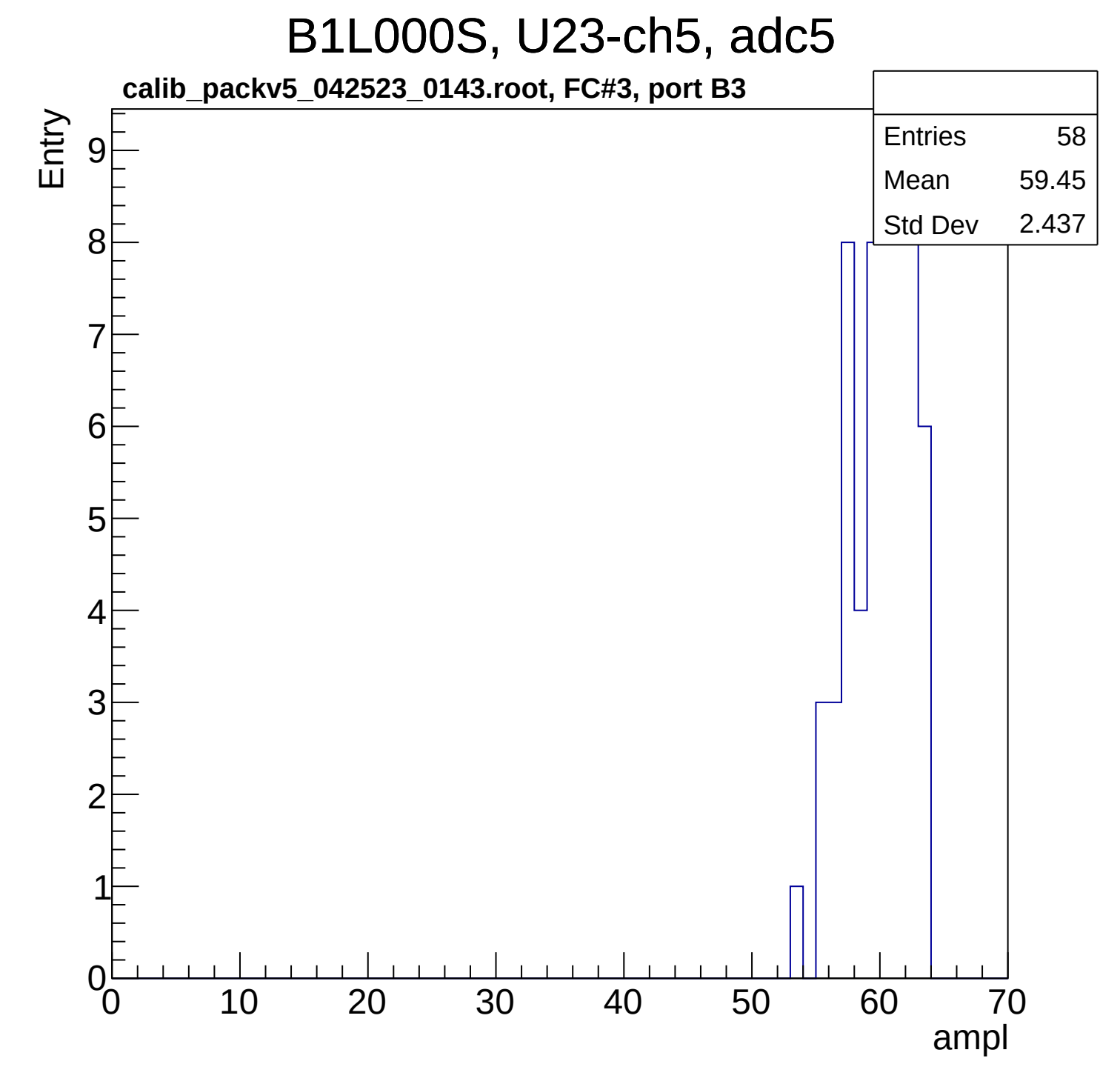
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch5, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 54.47
Std Dev 3.174
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch5, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 59.45
Std Dev 2.437
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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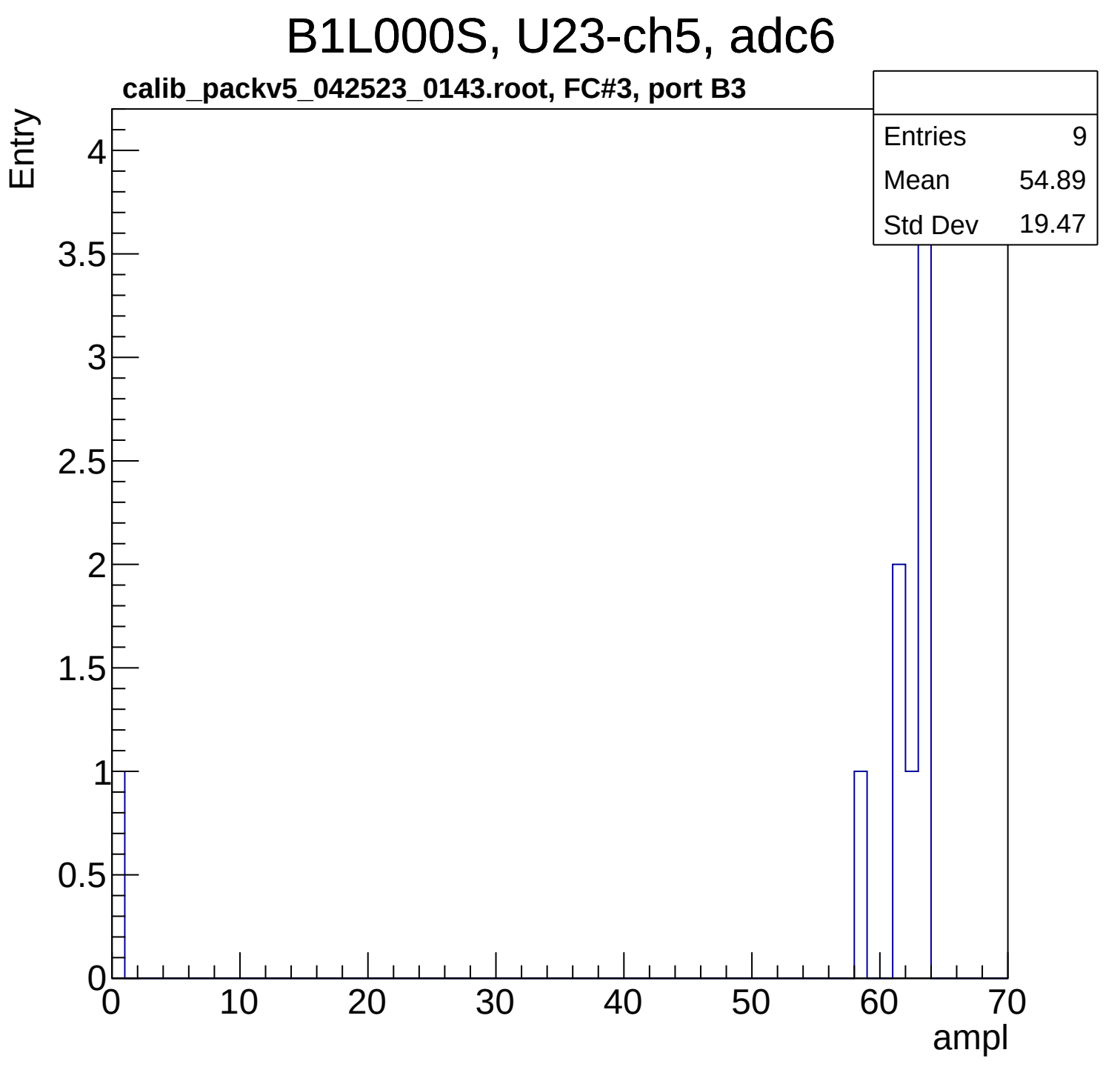
B1L000S, U23-ch5, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 54.89
Std Dev 19.47
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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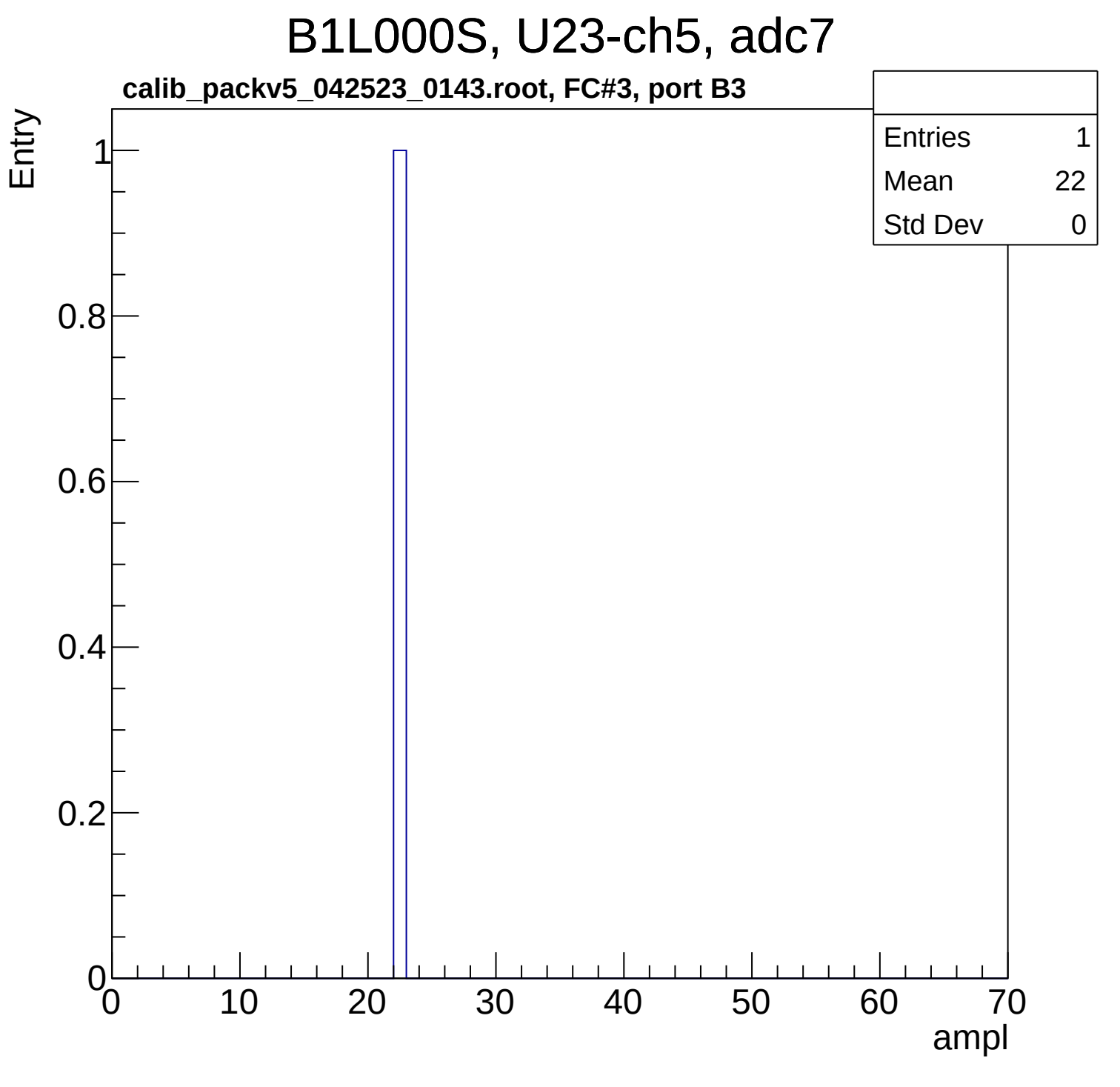
40
50
60
70


B1L000S, U23-ch5, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
ampl
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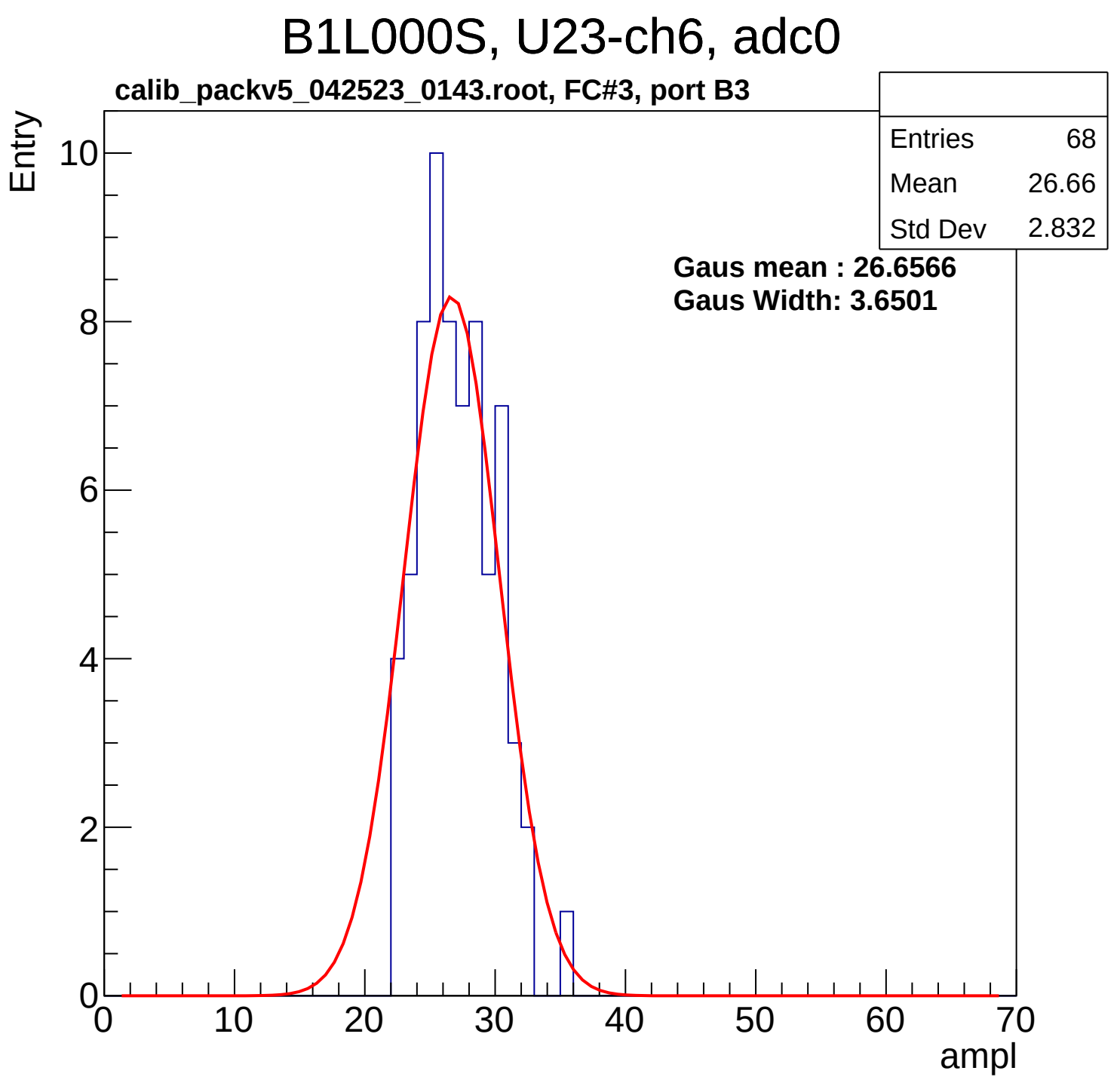
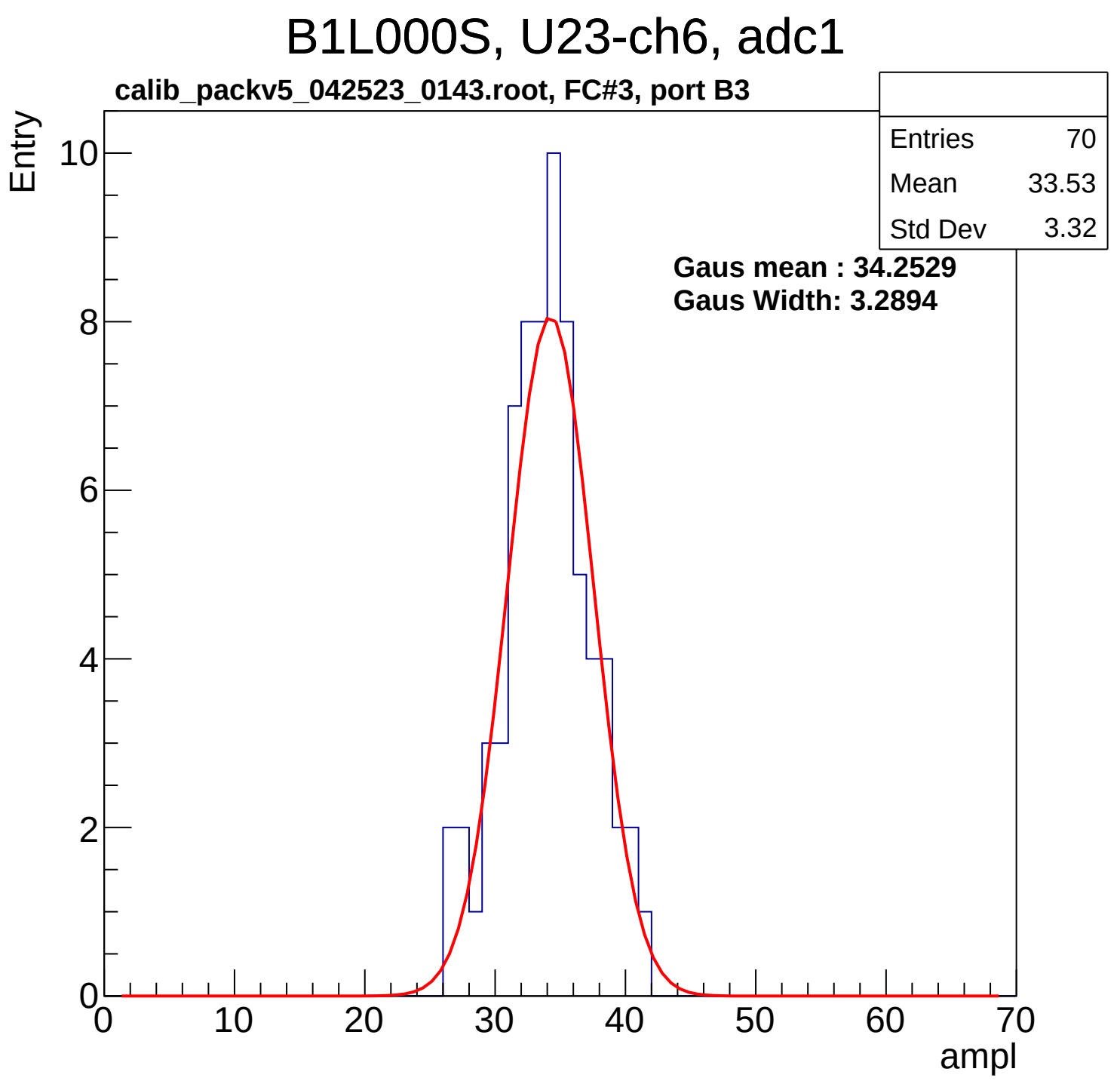
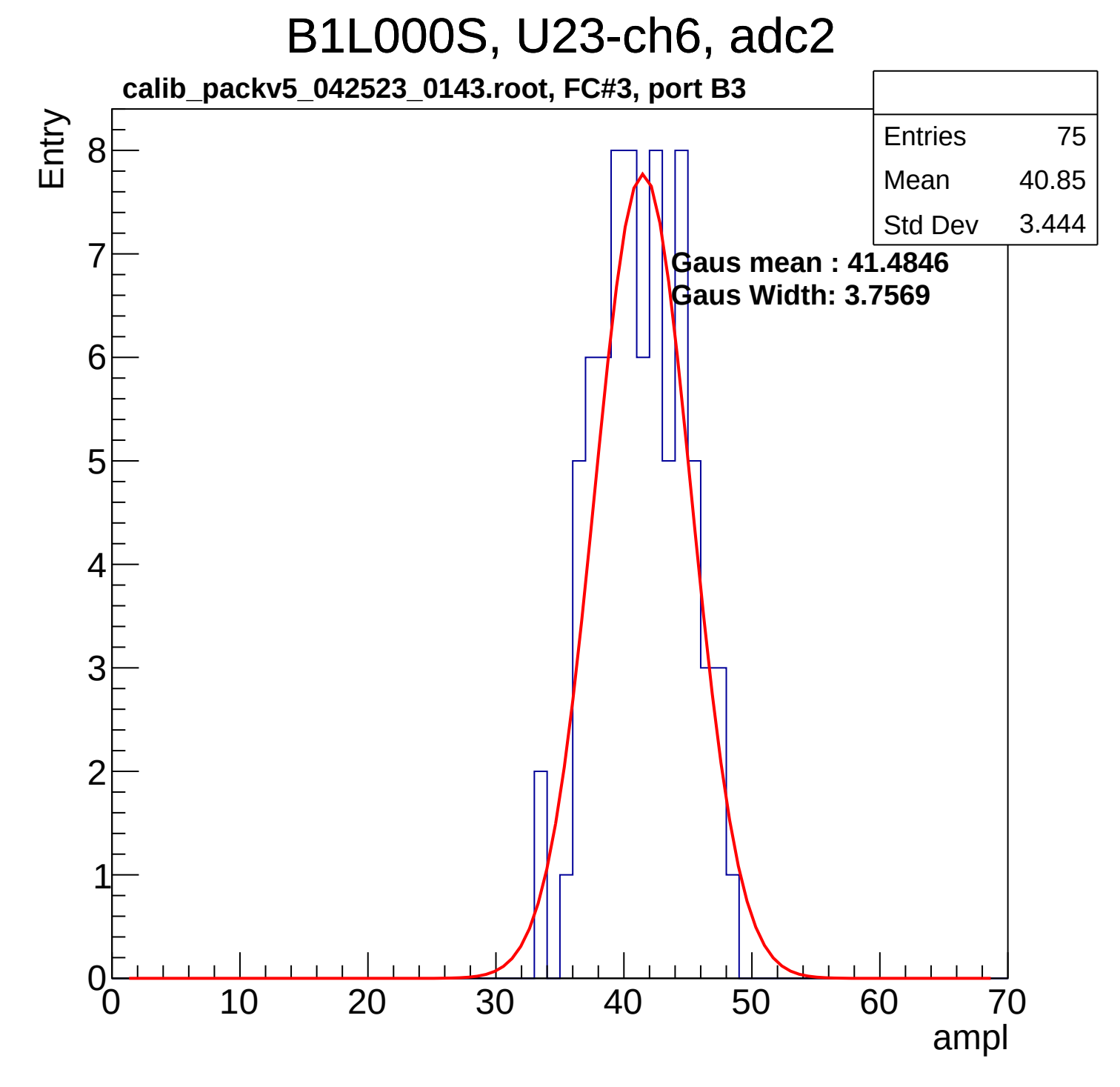
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U23-ch6, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 26.66
Std Dev 2.832
Gaus mean : 26.6566
Gaus Width: 3.6501
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch6, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 33.53
Std Dev 3.32
Gaus mean : 34.2529
Gaus Width: 3.2894
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch6, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 40.85
Std Dev 3.444
Gaus mean : 41.4846
Gaus Width: 3.7569
Entry
ampl
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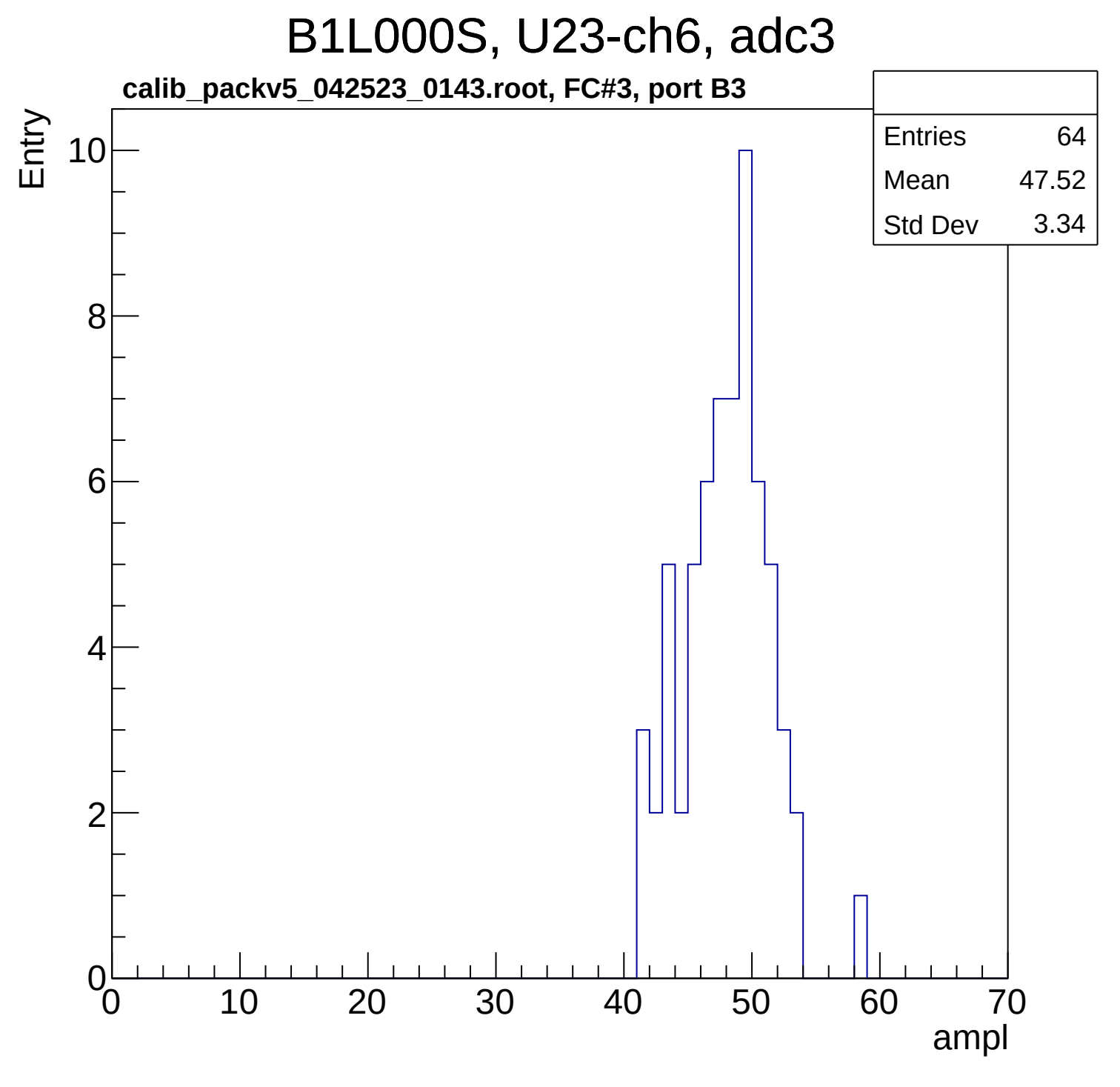
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch6, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.52
Std Dev 3.34
Entry
ampl
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4
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0
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20
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40
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60
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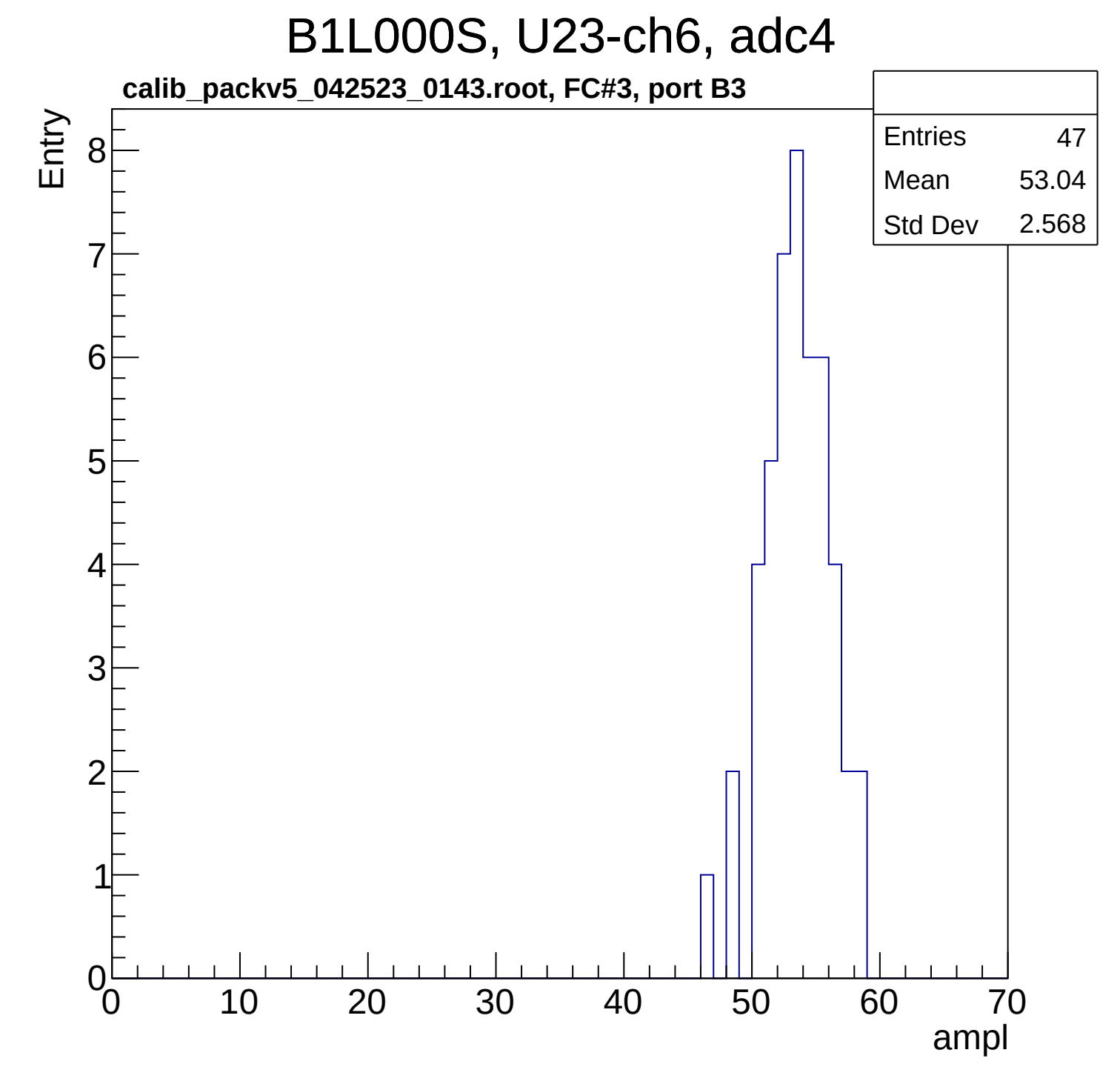
B1L000S, U23-ch6, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 53.04
Std Dev 2.568
Entry
ampl
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3
4
5
6
7
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0
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40
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60
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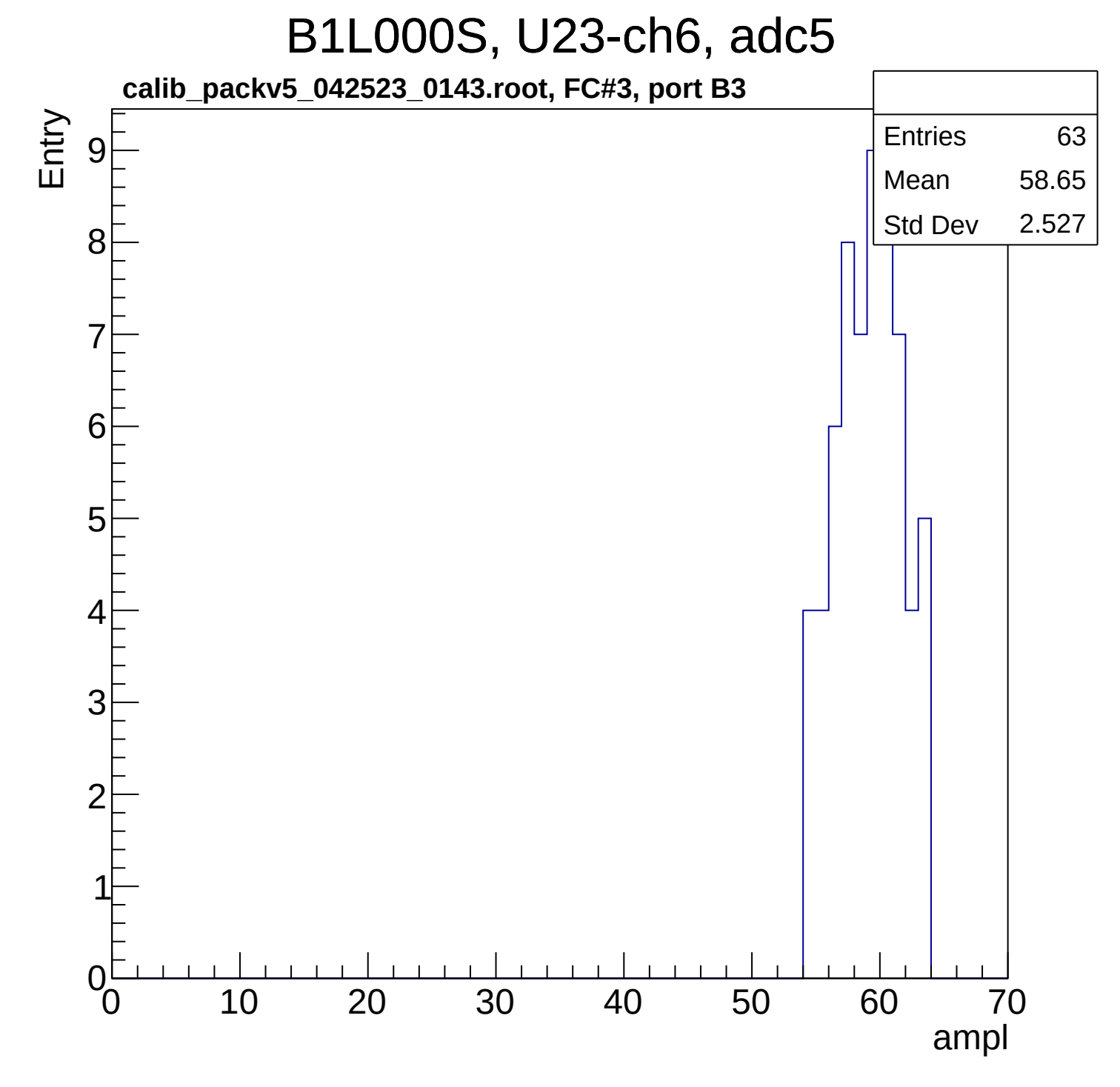
B1L000S, U23-ch6, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 58.65
Std Dev 2.527
Entry
ampl
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4
5
6
7
8
9
0
10
20
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40
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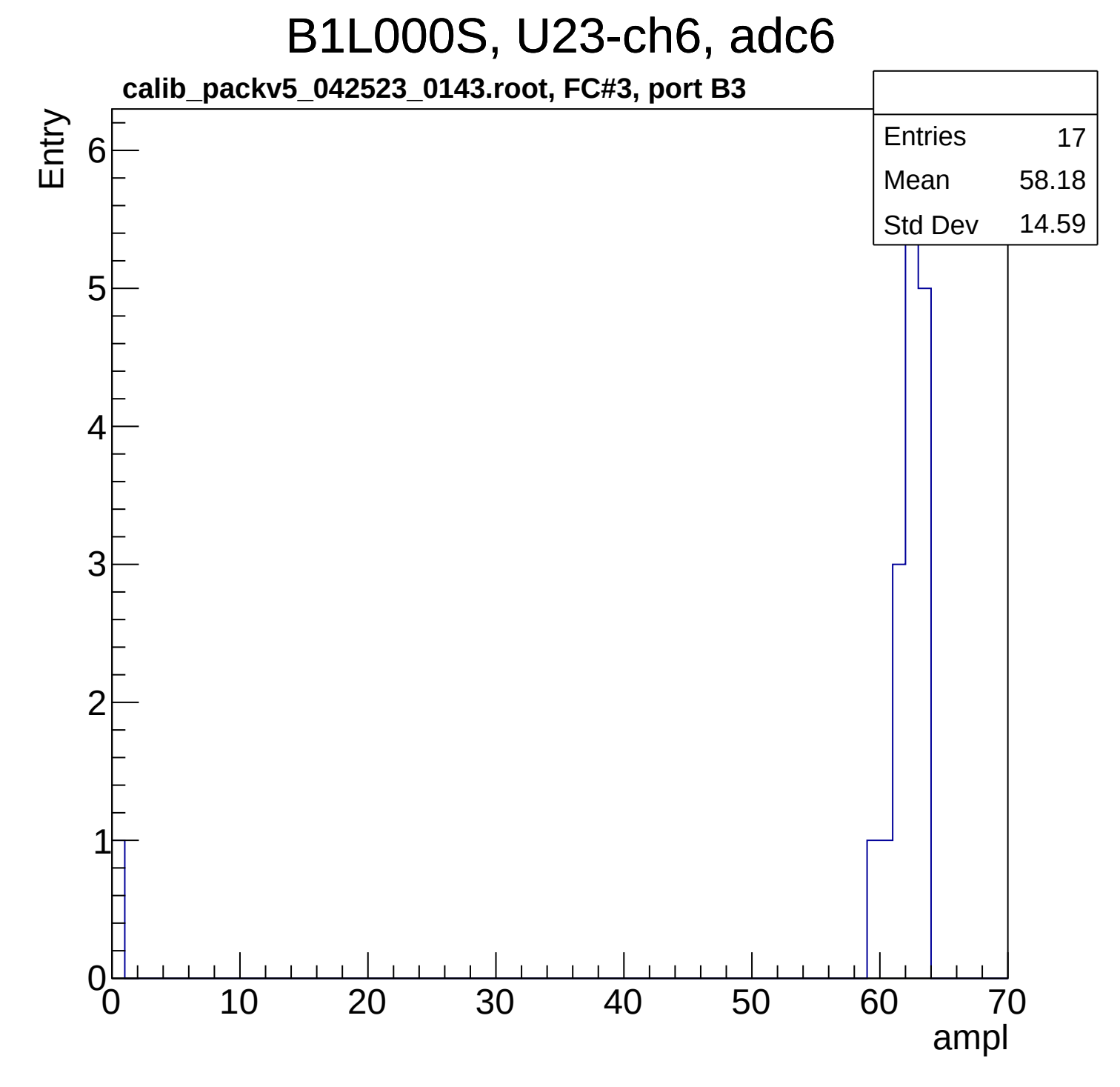
60
70


B1L000S, U23-ch6, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58.18
Std Dev 14.59
Entry
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4
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10
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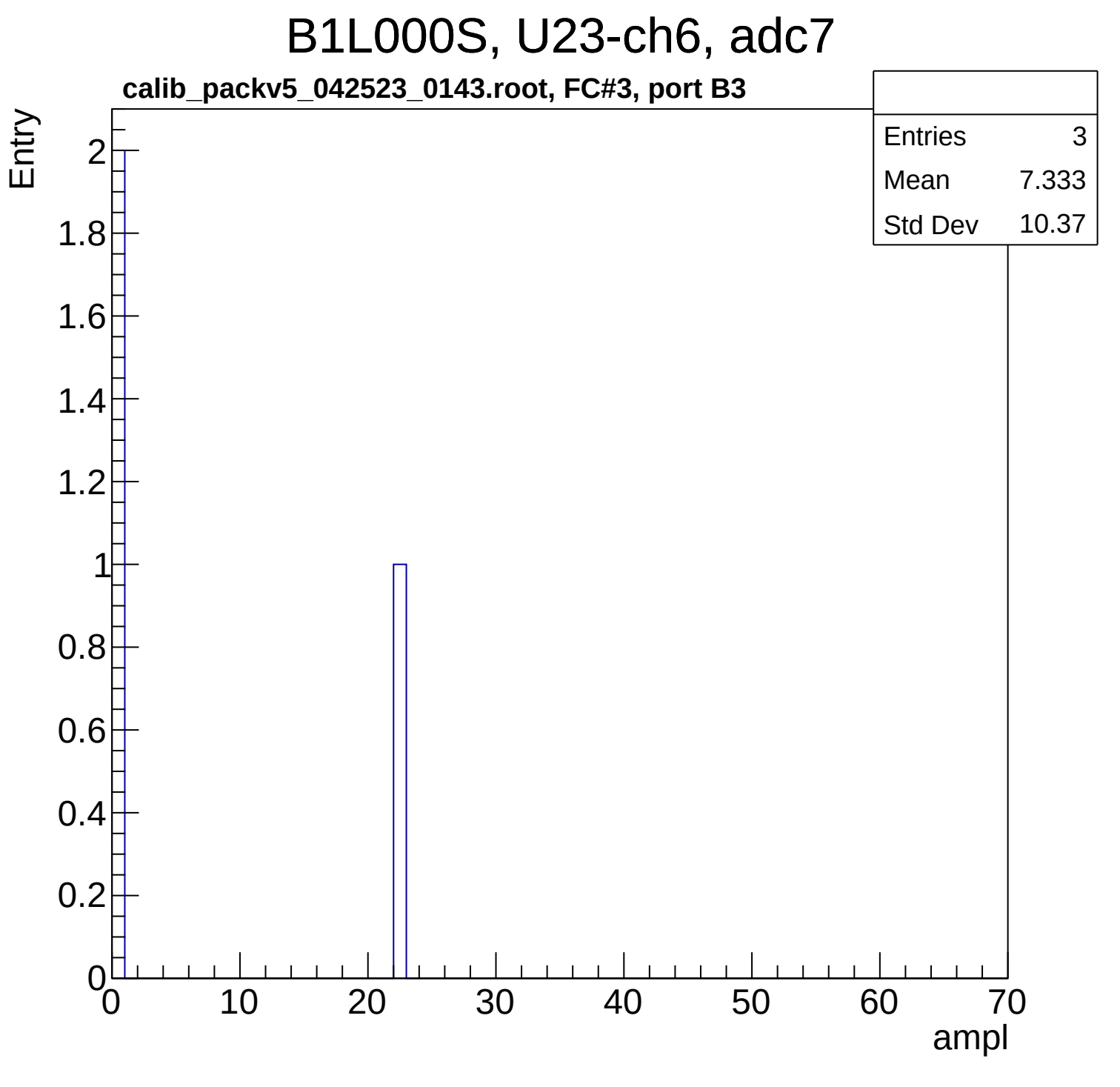
30
40
50
60
70
ampl


B1L000S, U23-ch6, 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
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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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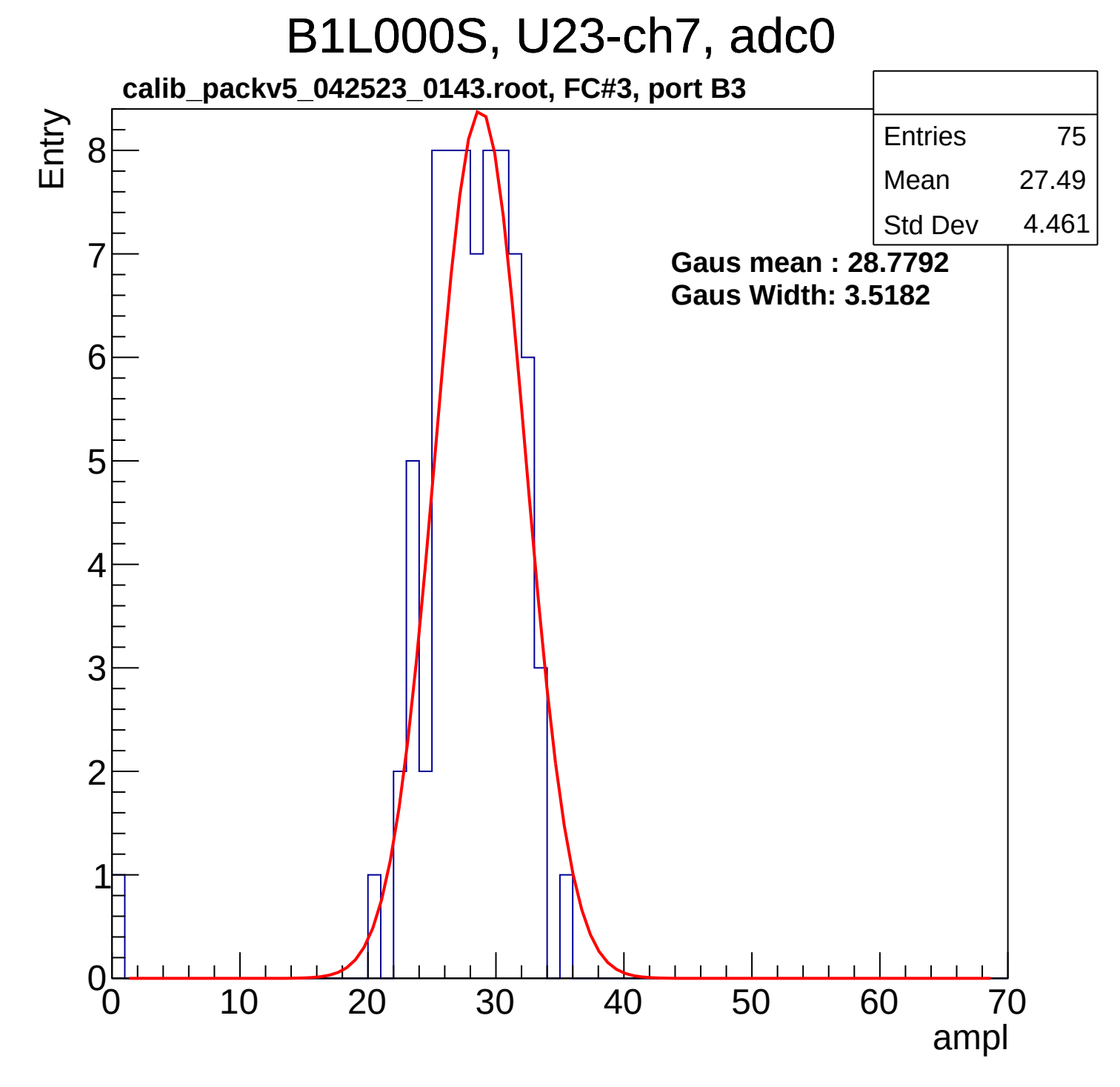
B1L000S, U23-ch7, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 27.49
Std Dev 4.461
Gaus mean : 28.7792
Gaus Width: 3.5182
Entry
ampl
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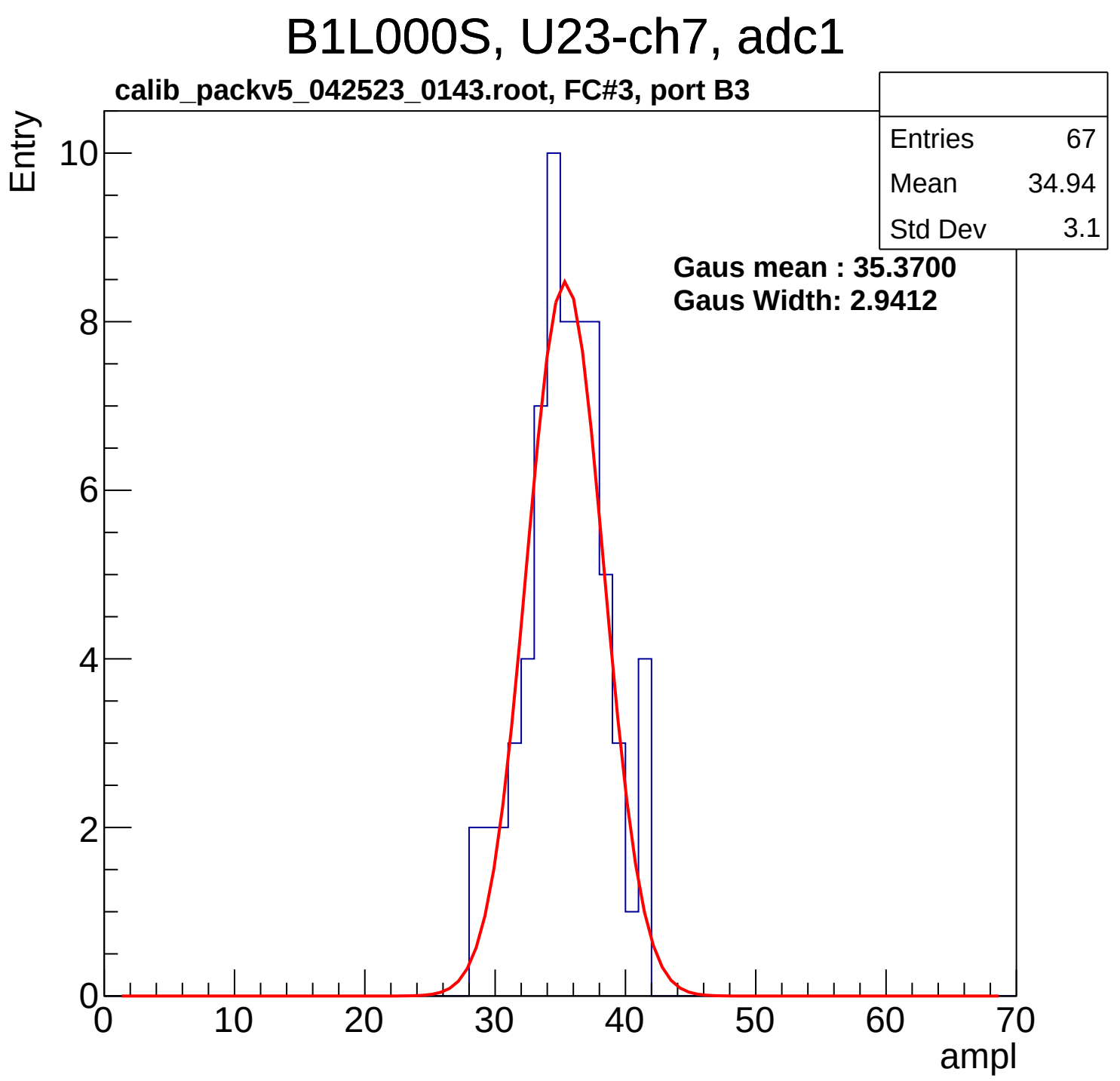
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch7, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 34.94
Std Dev 3.1
Gaus mean : 35.3700
Gaus Width: 2.9412
Entry
ampl
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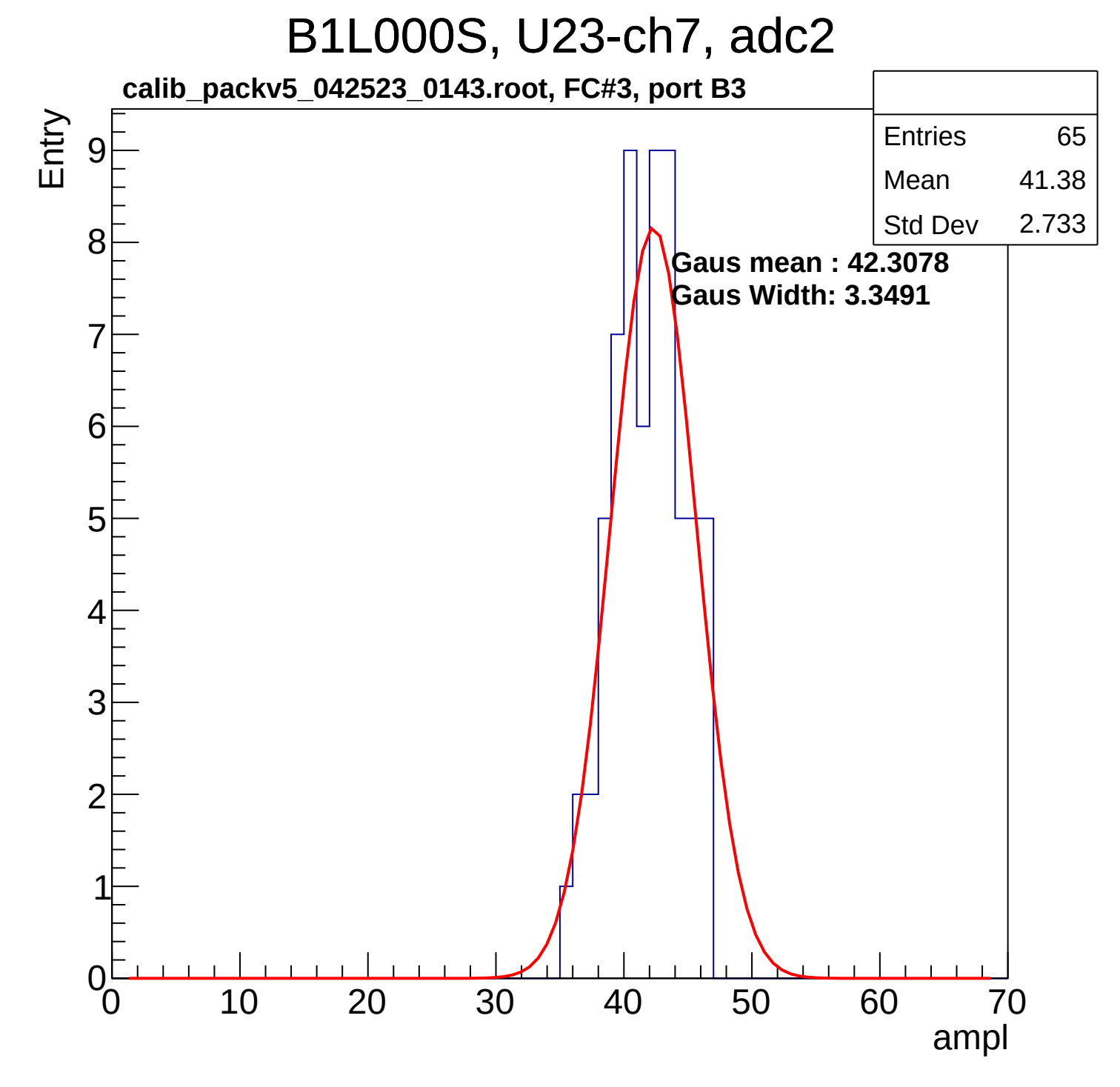
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch7, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.38
Std Dev 2.733
Gaus mean : 42.3078
Gaus Width: 3.3491
Entry
ampl
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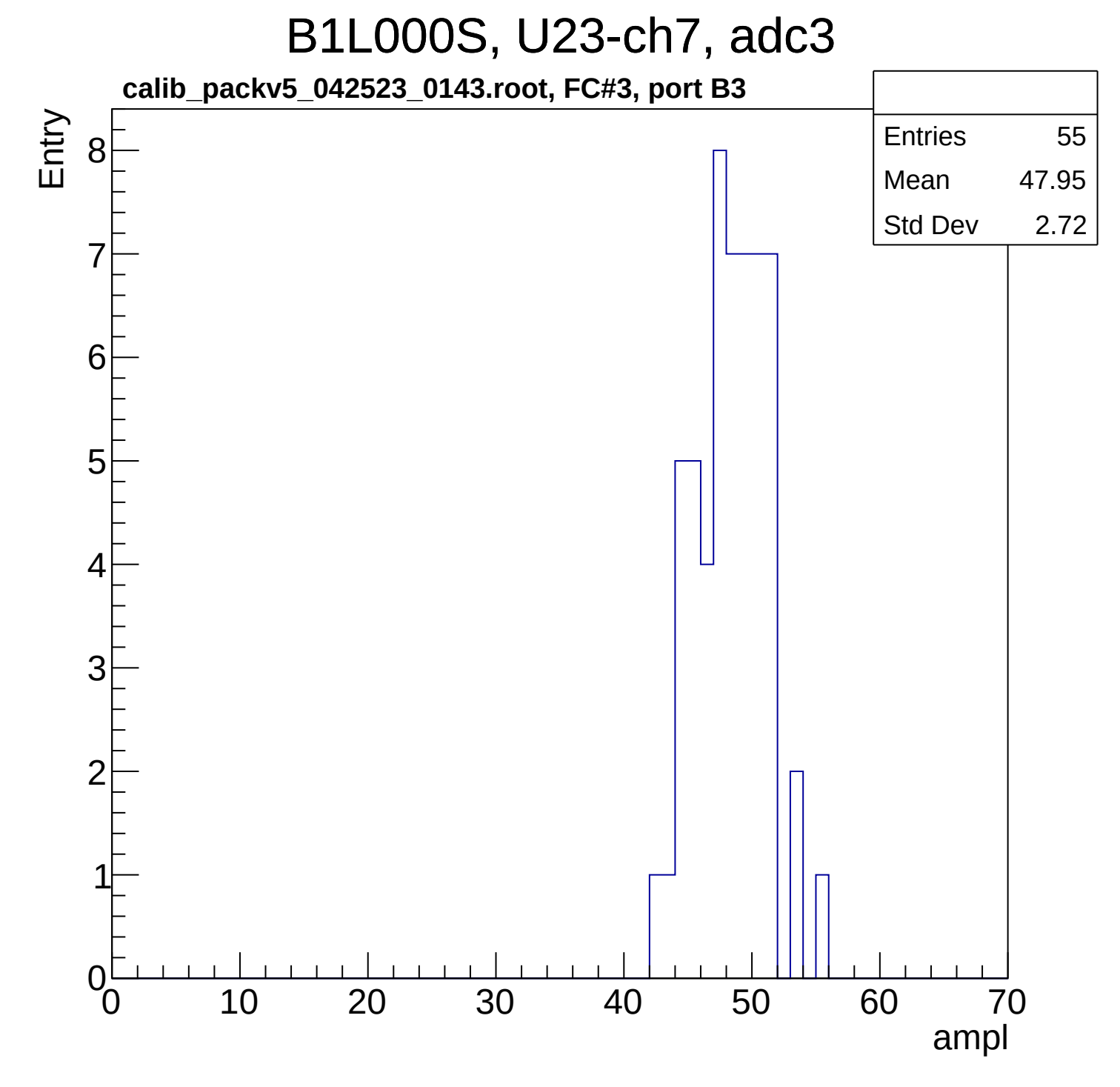
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch7, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.95
Std Dev 2.72
Entry
ampl
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1
2
3
4
5
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7
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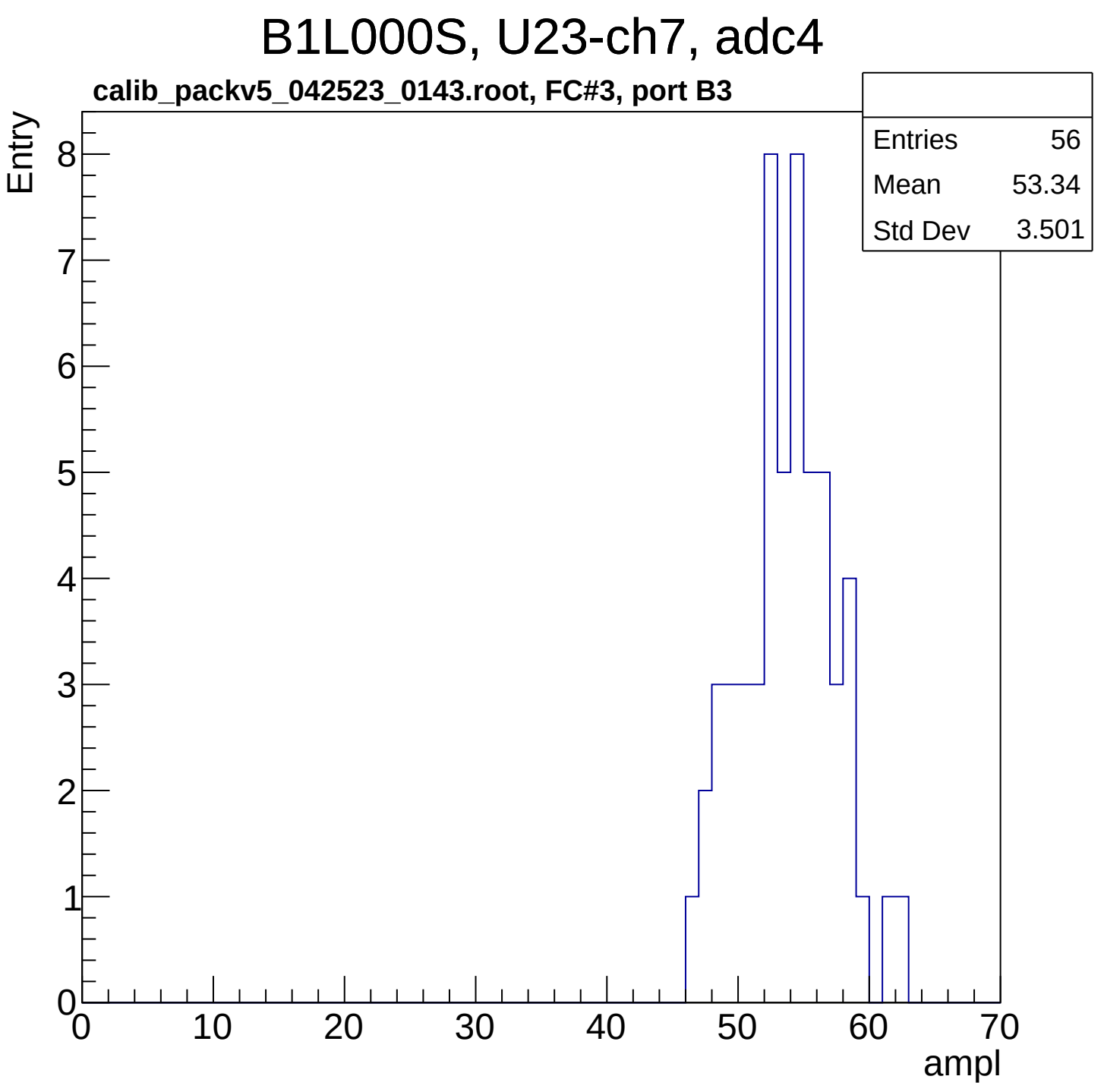
B1L000S, U23-ch7, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.34
Std Dev 3.501
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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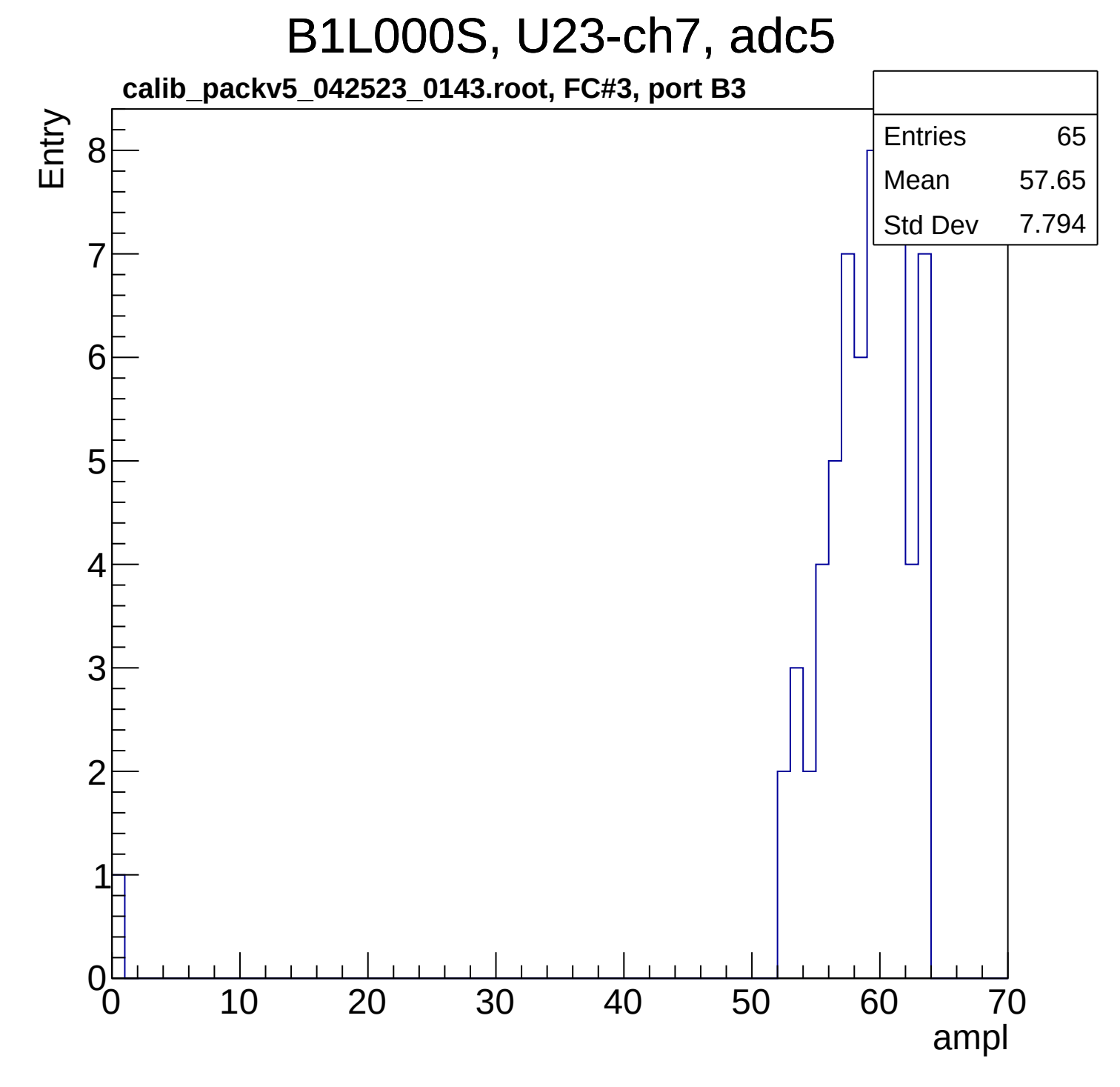
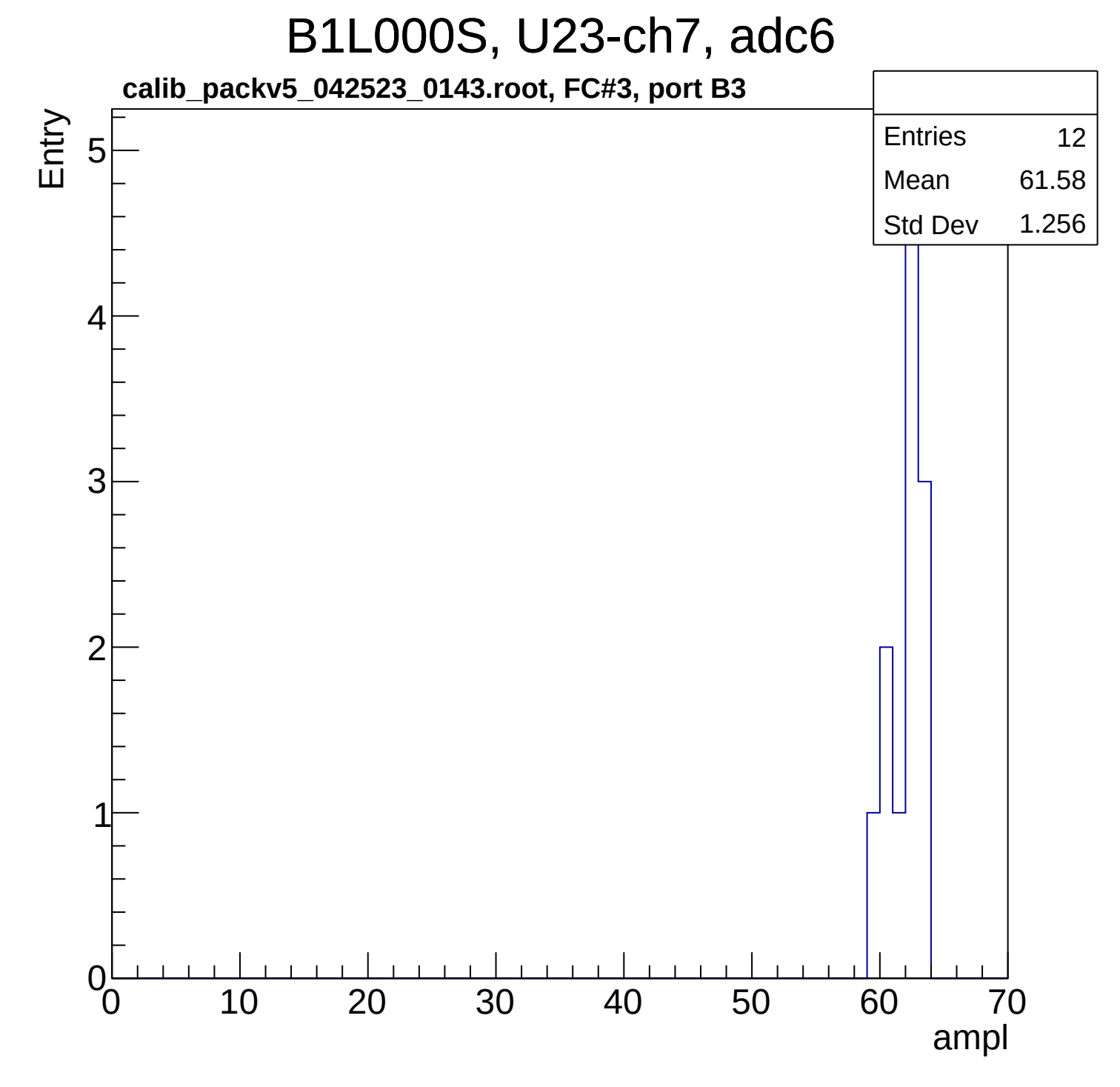
40
50
60
70


B1L000S, U23-ch7, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 57.65
Std Dev 7.794
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch7, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.58
Std Dev 1.256
Entry
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2
3
4
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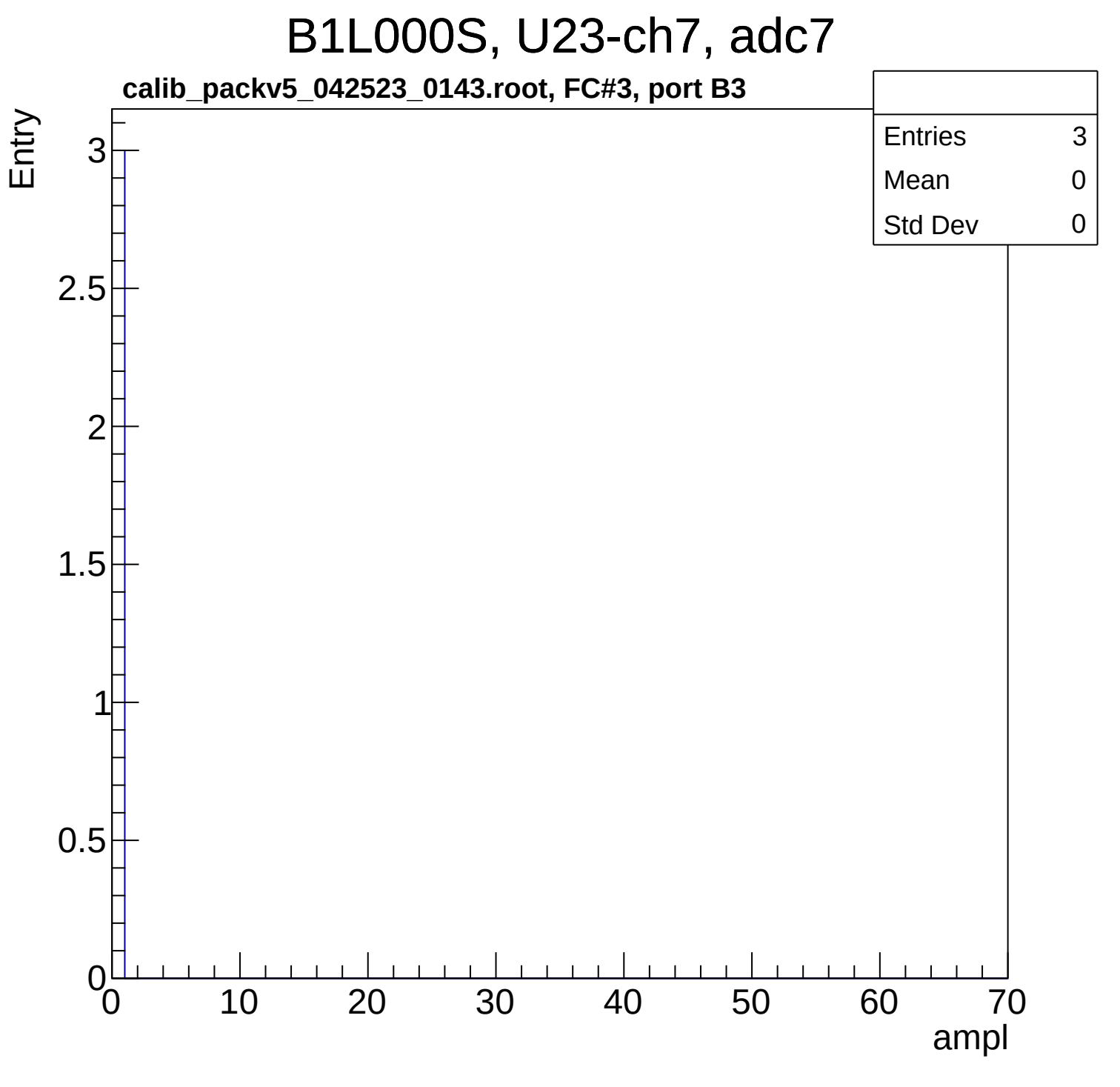
ampl


B1L000S, U23-ch7, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 0
Std Dev 0
Entry
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2.5
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1.5
1
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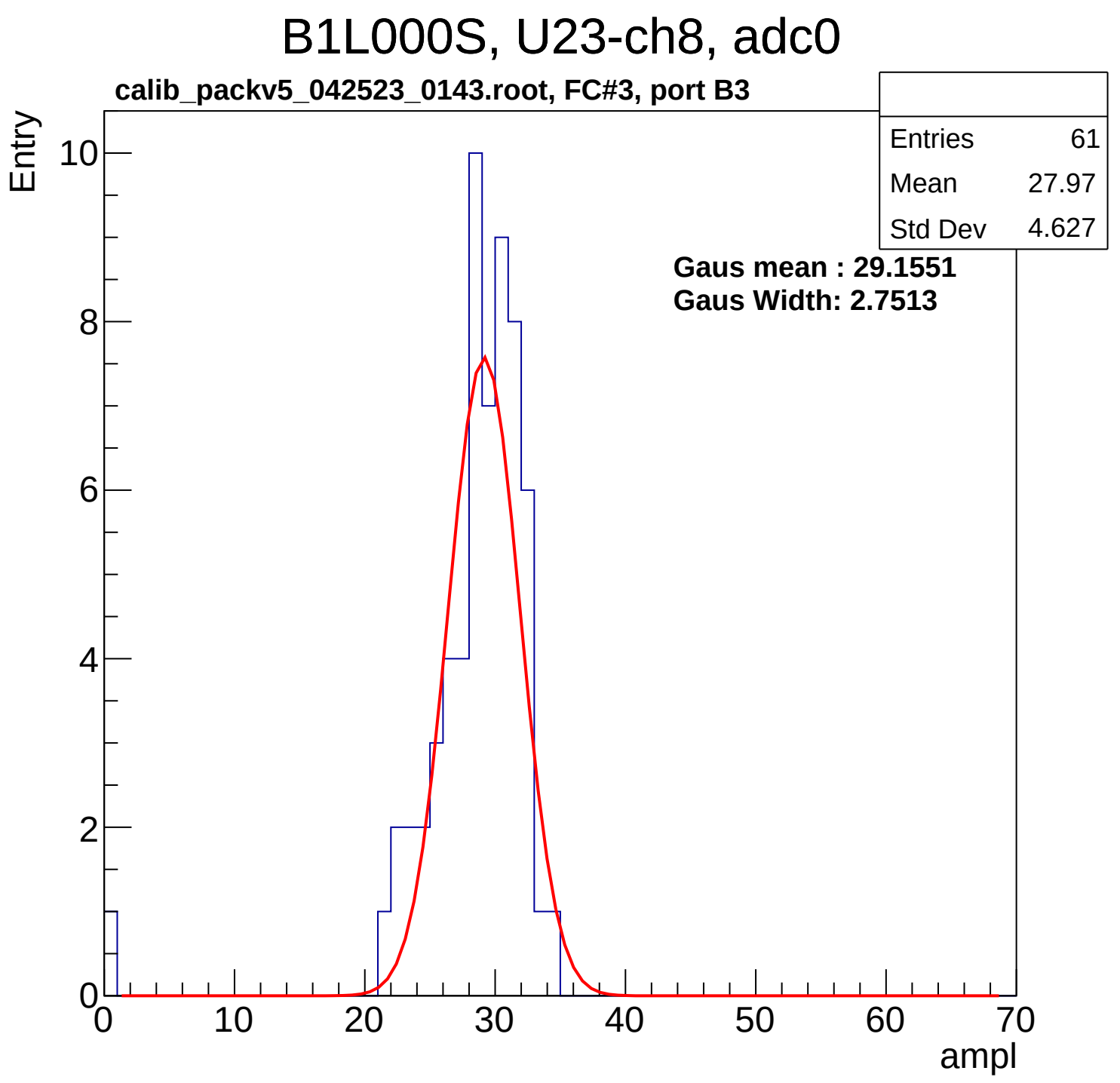
ampl


B1L000S, U23-ch8, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 27.97
Std Dev 4.627
Gaus mean : 29.1551
Gaus Width: 2.7513
Entry
ampl
0
2
4
6
8
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0
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20
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40
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60
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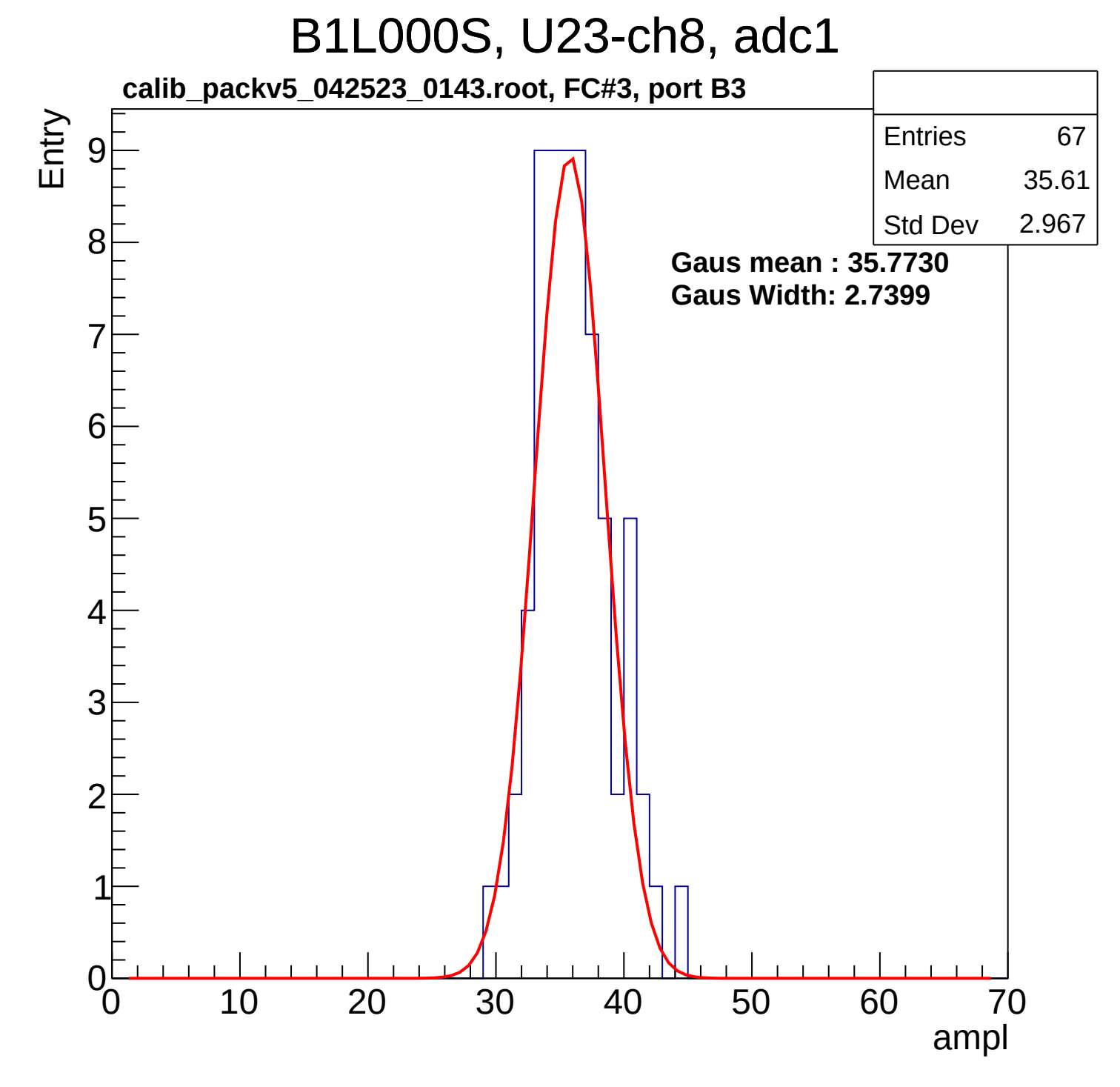
B1L000S, U23-ch8, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.61
Std Dev 2.967
Gaus mean : 35.7730
Gaus Width: 2.7399
Entry
ampl
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3
4
5
6
7
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0
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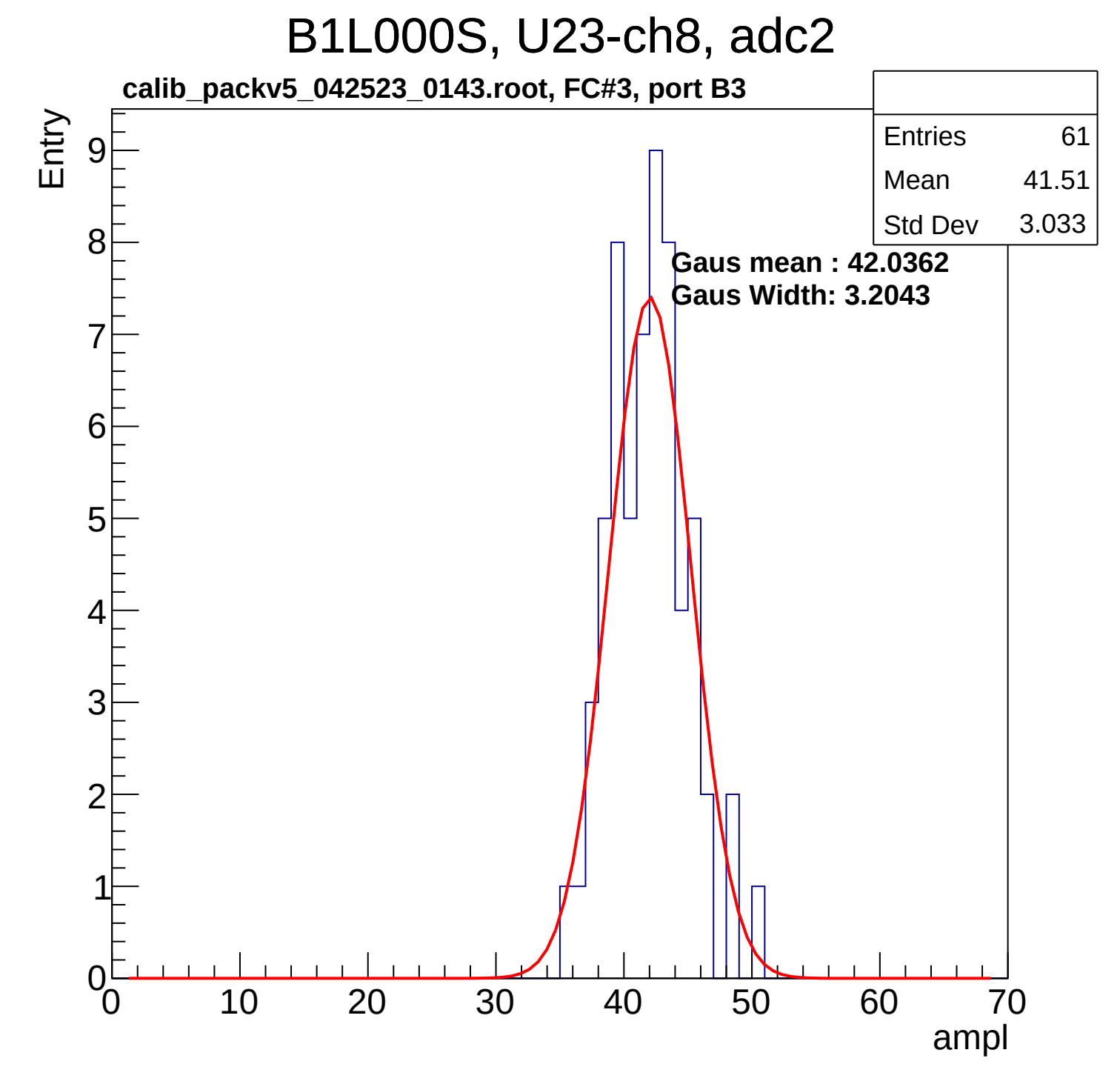
B1L000S, U23-ch8, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.51
Std Dev 3.033
Gaus mean : 42.0362
Gaus Width: 3.2043
Entry
ampl
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6
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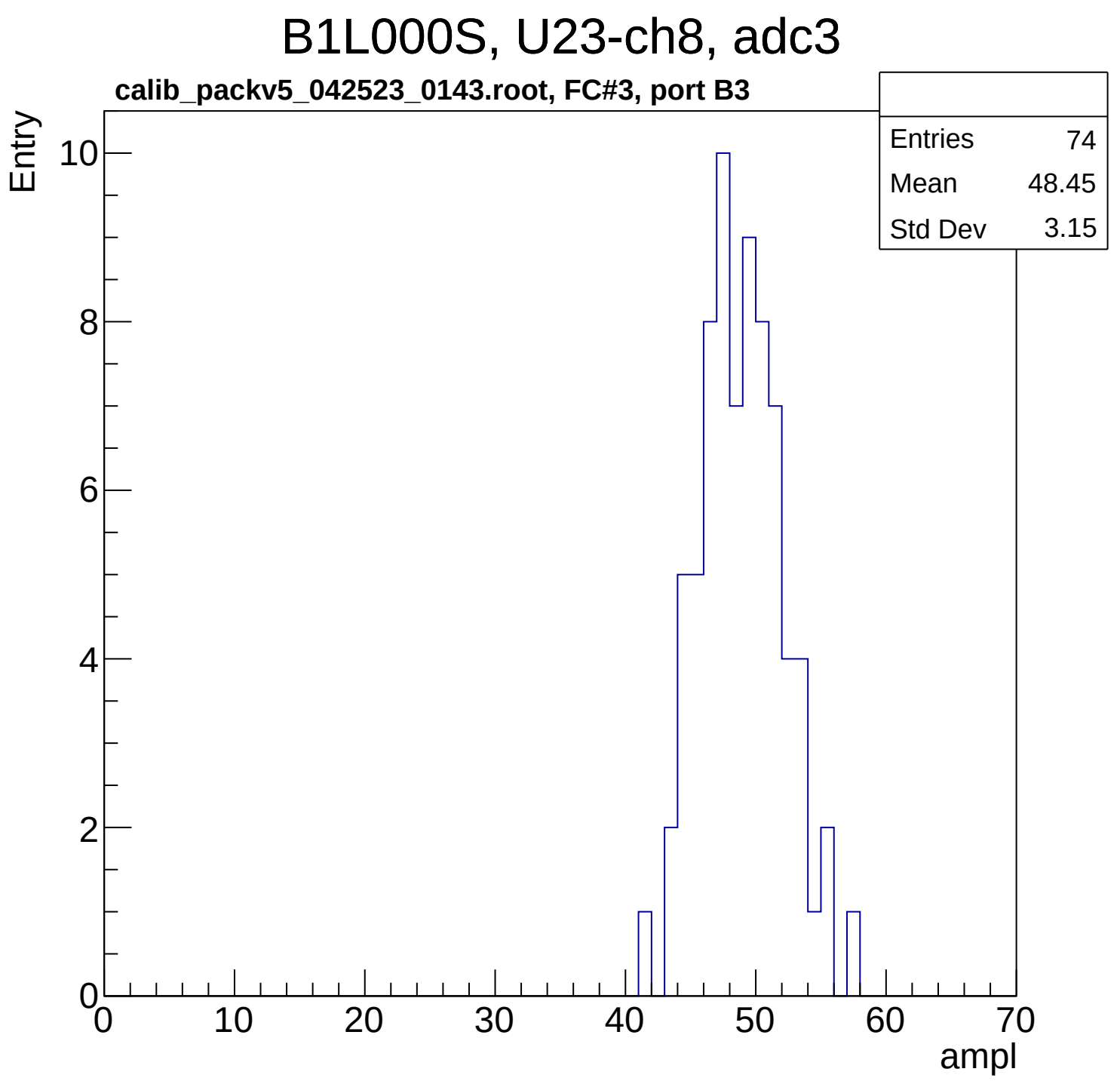
B1L000S, U23-ch8, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 48.45
Std Dev 3.15
Entry
ampl
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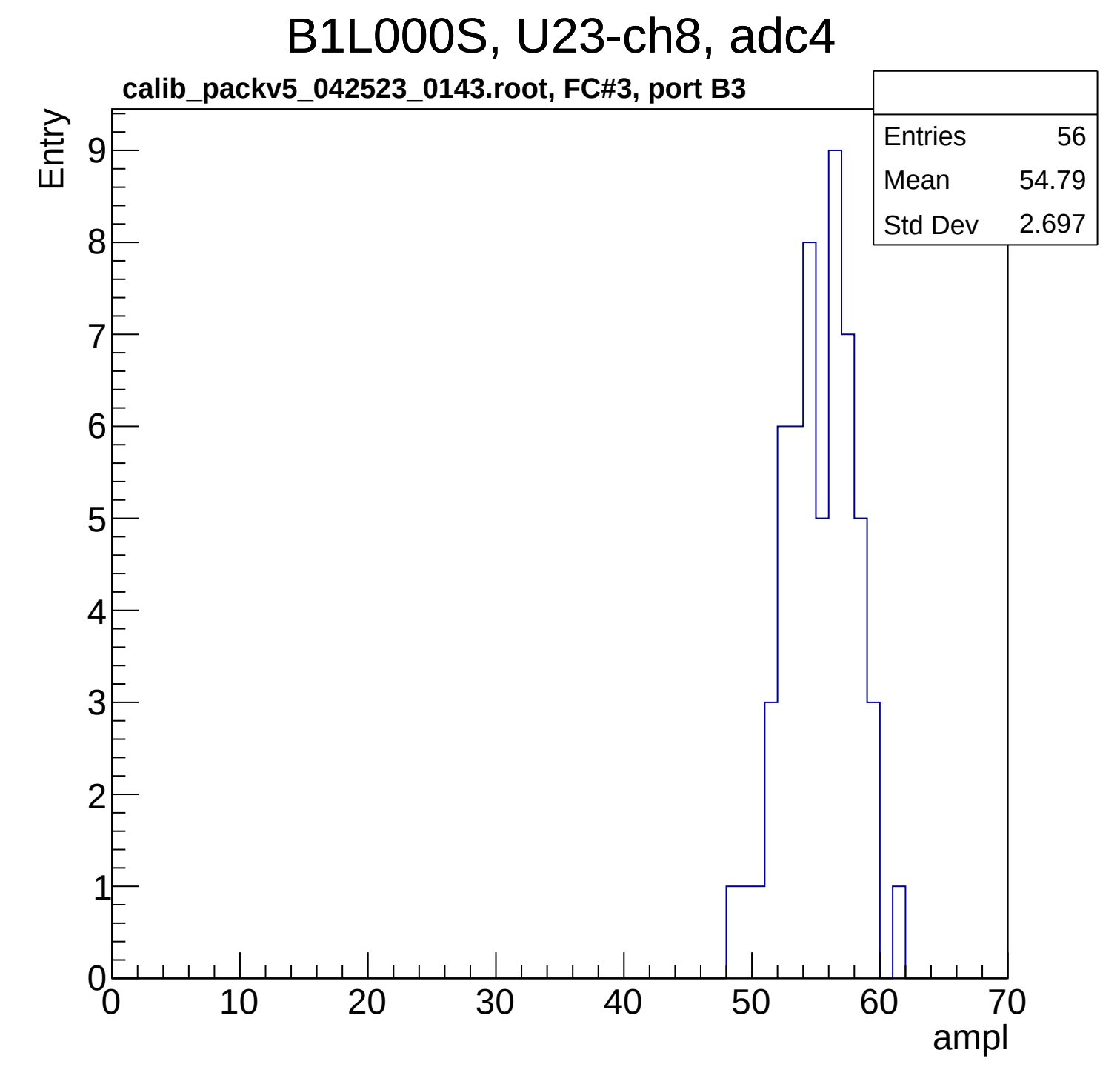
B1L000S, U23-ch8, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.79
Std Dev 2.697
Entry
ampl
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2
3
4
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6
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0
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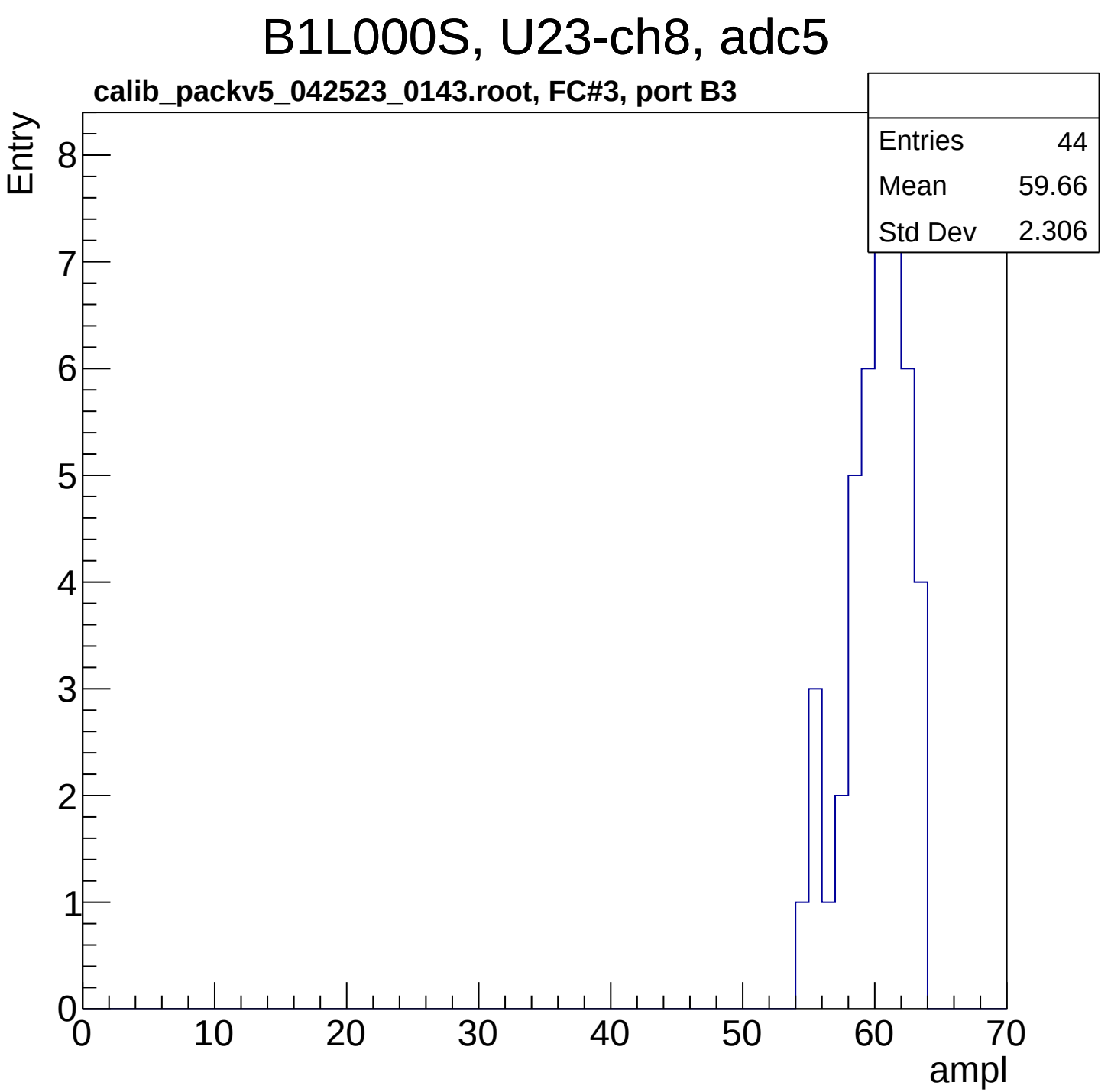
B1L000S, U23-ch8, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 59.66
Std Dev 2.306
Entry
ampl
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2
3
4
5
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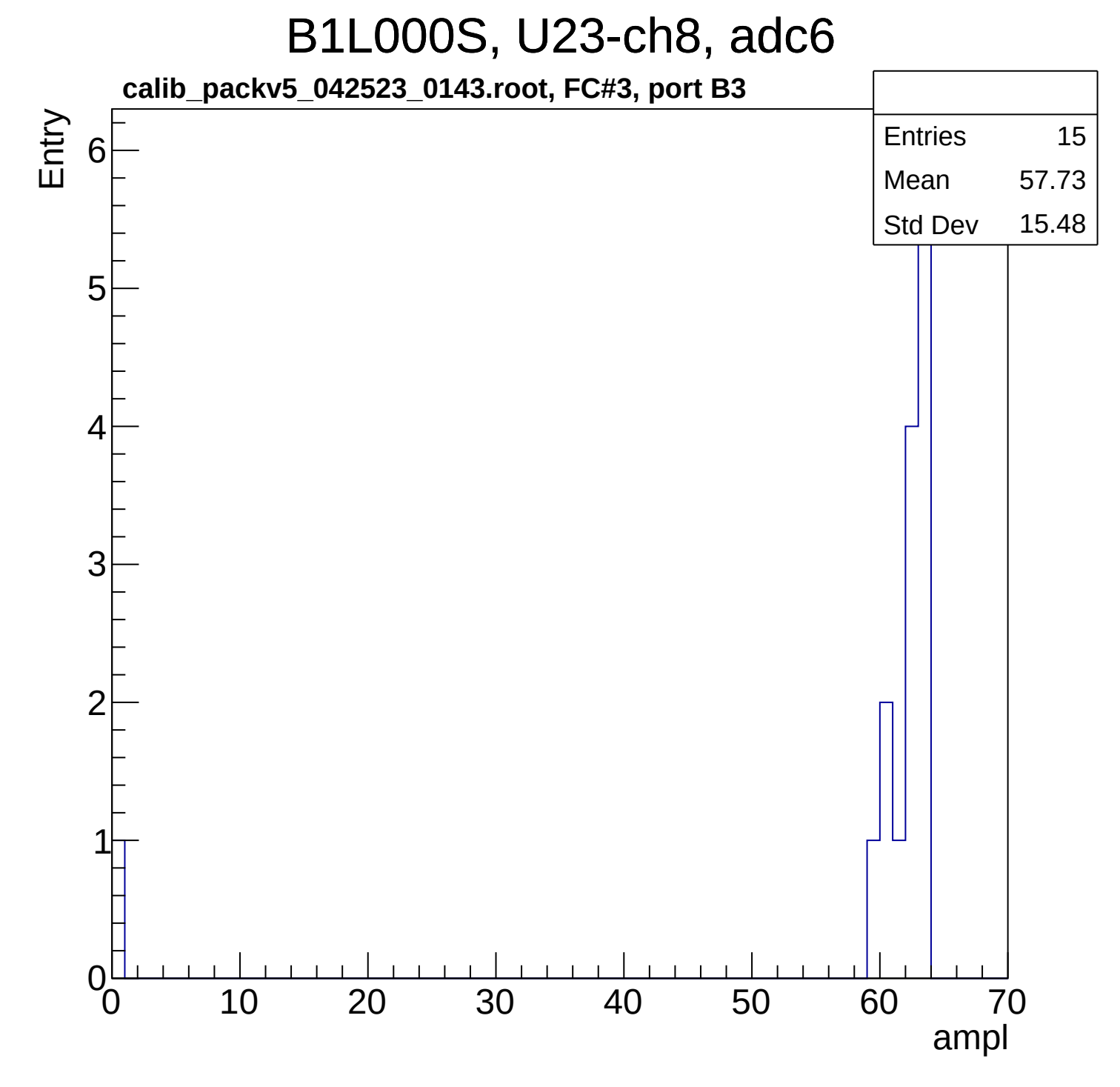
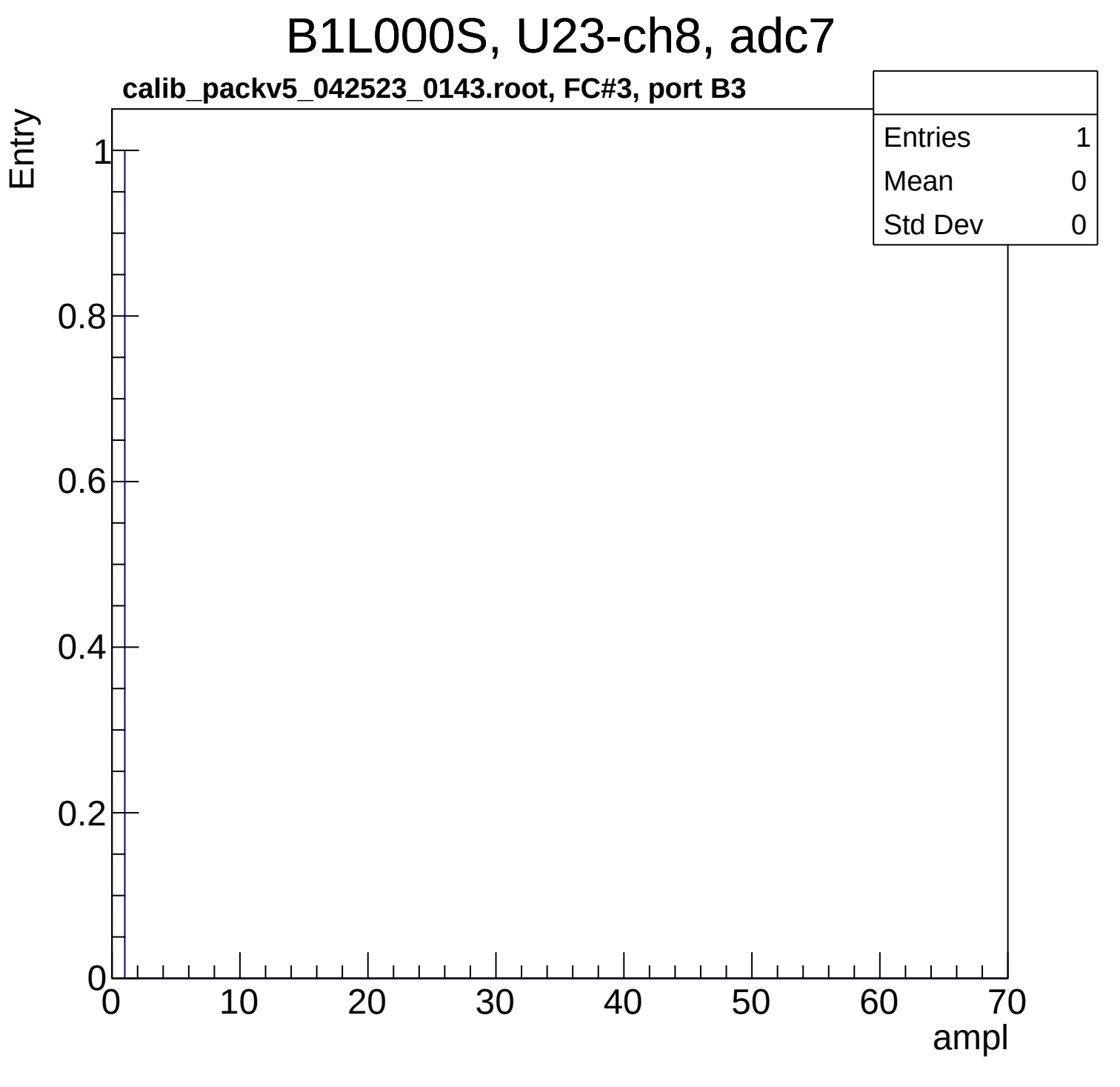

B1L000S, U23-ch8, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.73
Std Dev 15.48
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch8, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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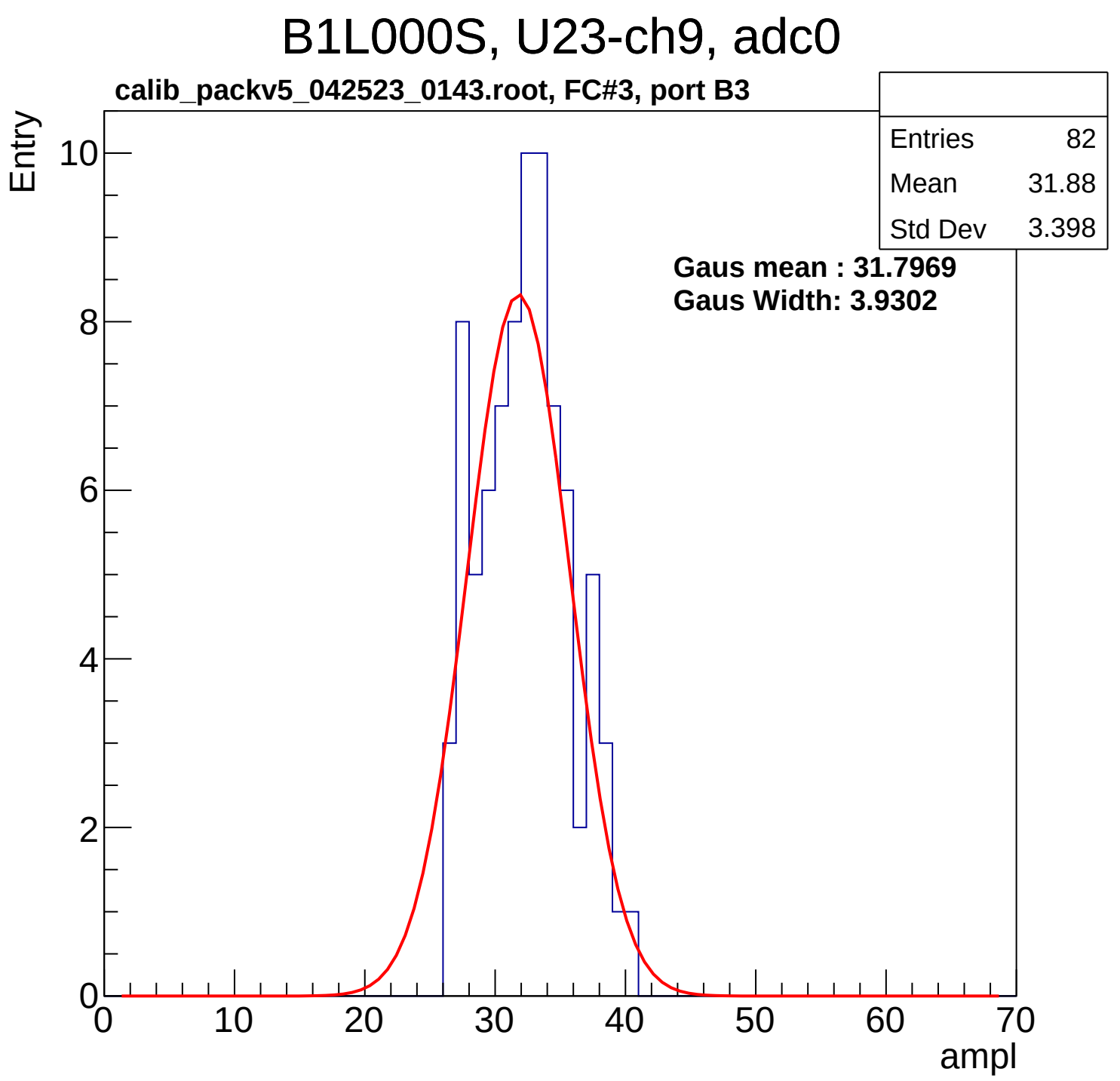
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch9, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 31.88
Std Dev 3.398
Gaus mean : 31.7969
Gaus Width: 3.9302
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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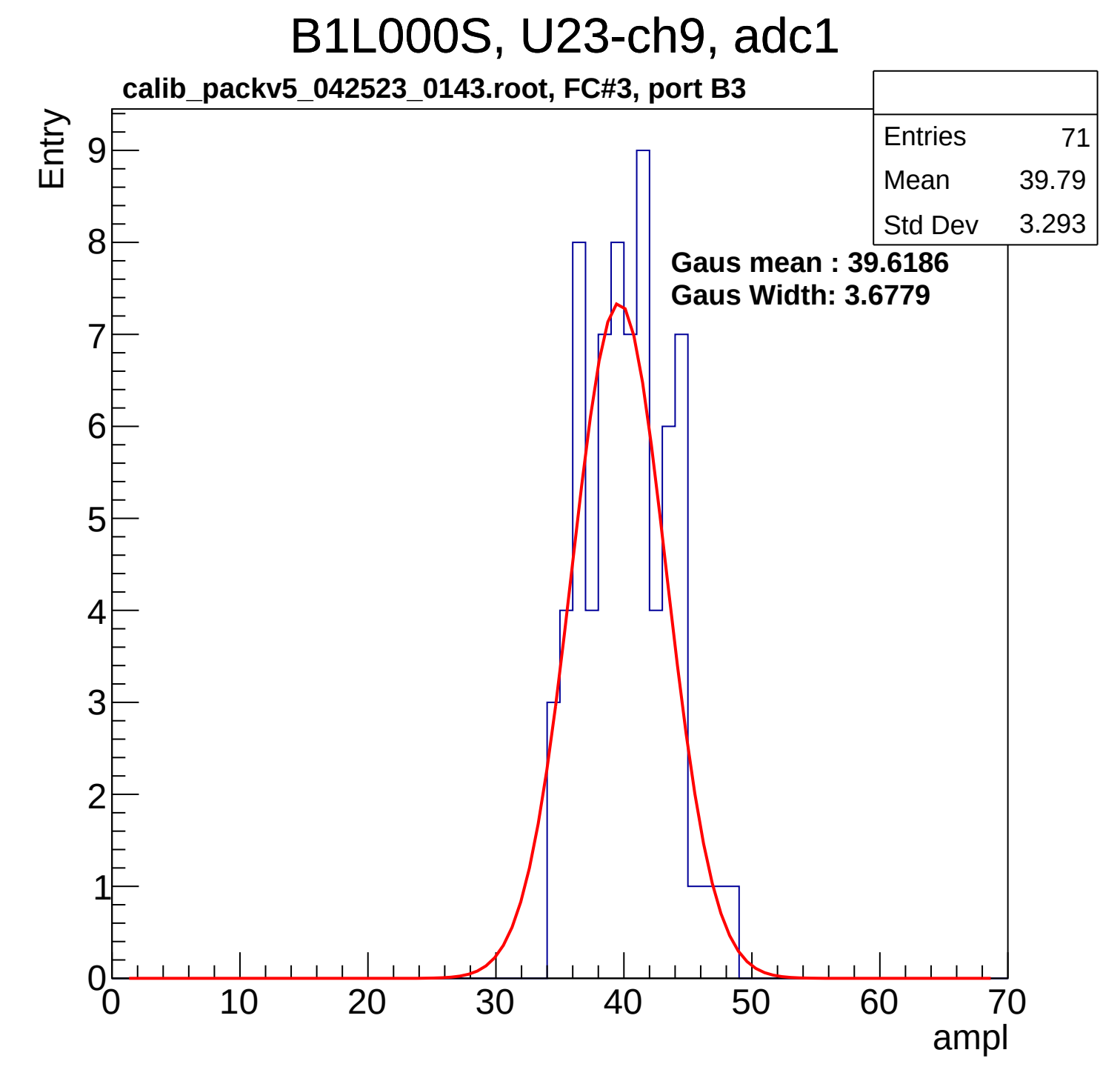
B1L000S, U23-ch9, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 39.79
Std Dev 3.293
Gaus mean : 39.6186
Gaus Width: 3.6779
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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40
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60
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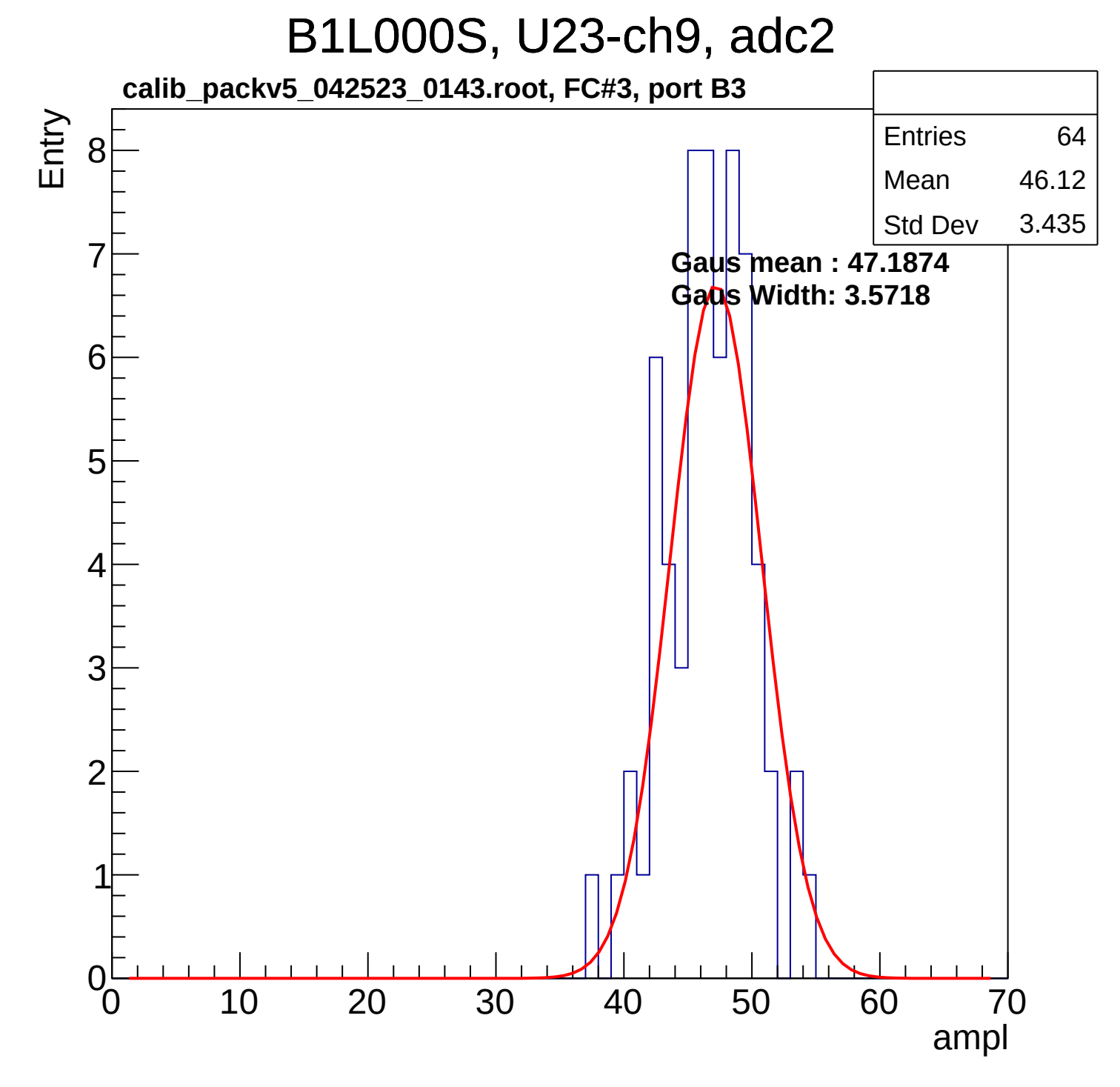
B1L000S, U23-ch9, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 46.12
Std Dev 3.435
Gaus mean : 47.1874
Gaus Width: 3.5718
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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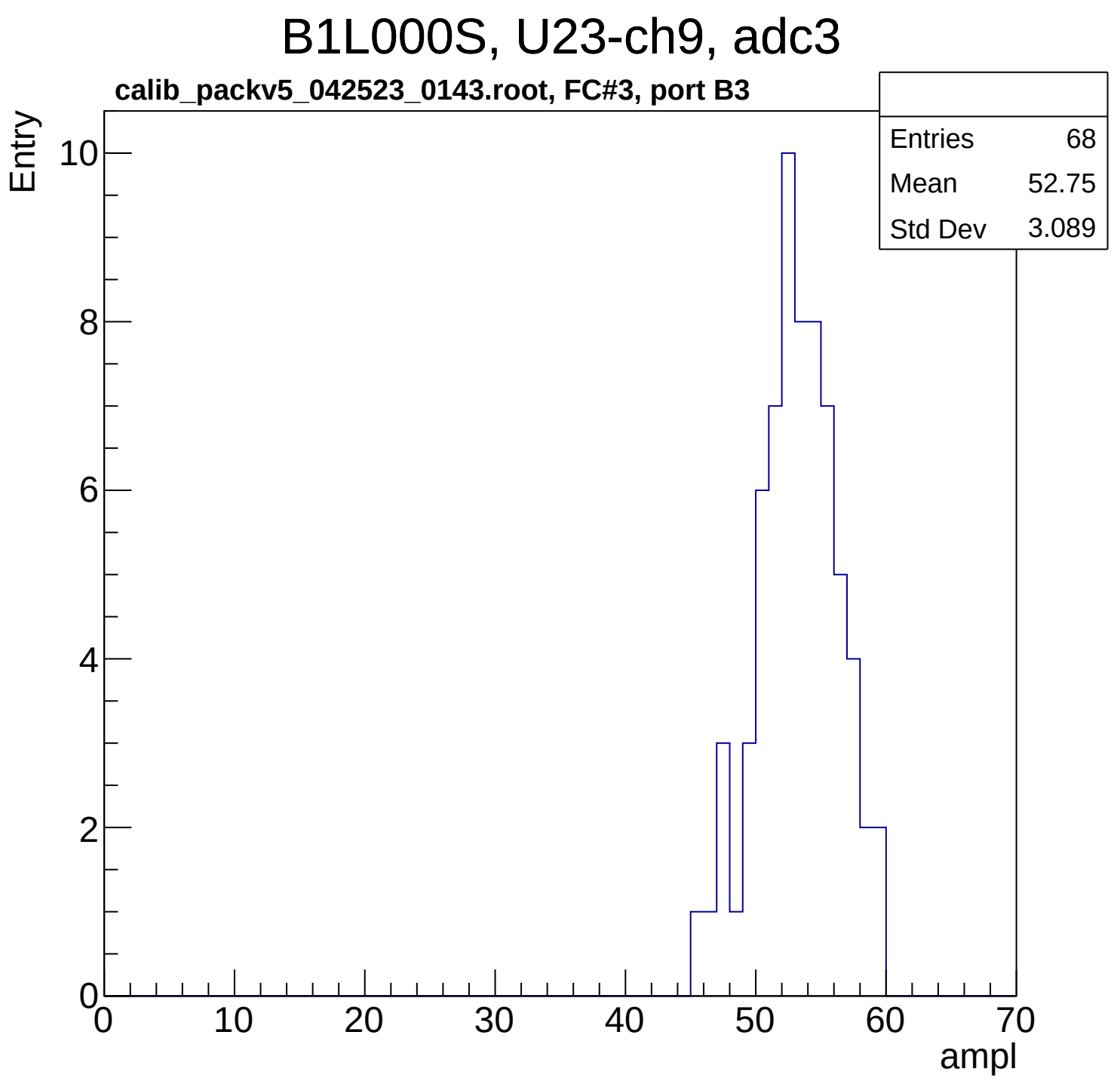
B1L000S, U23-ch9, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 52.75
Std Dev 3.089
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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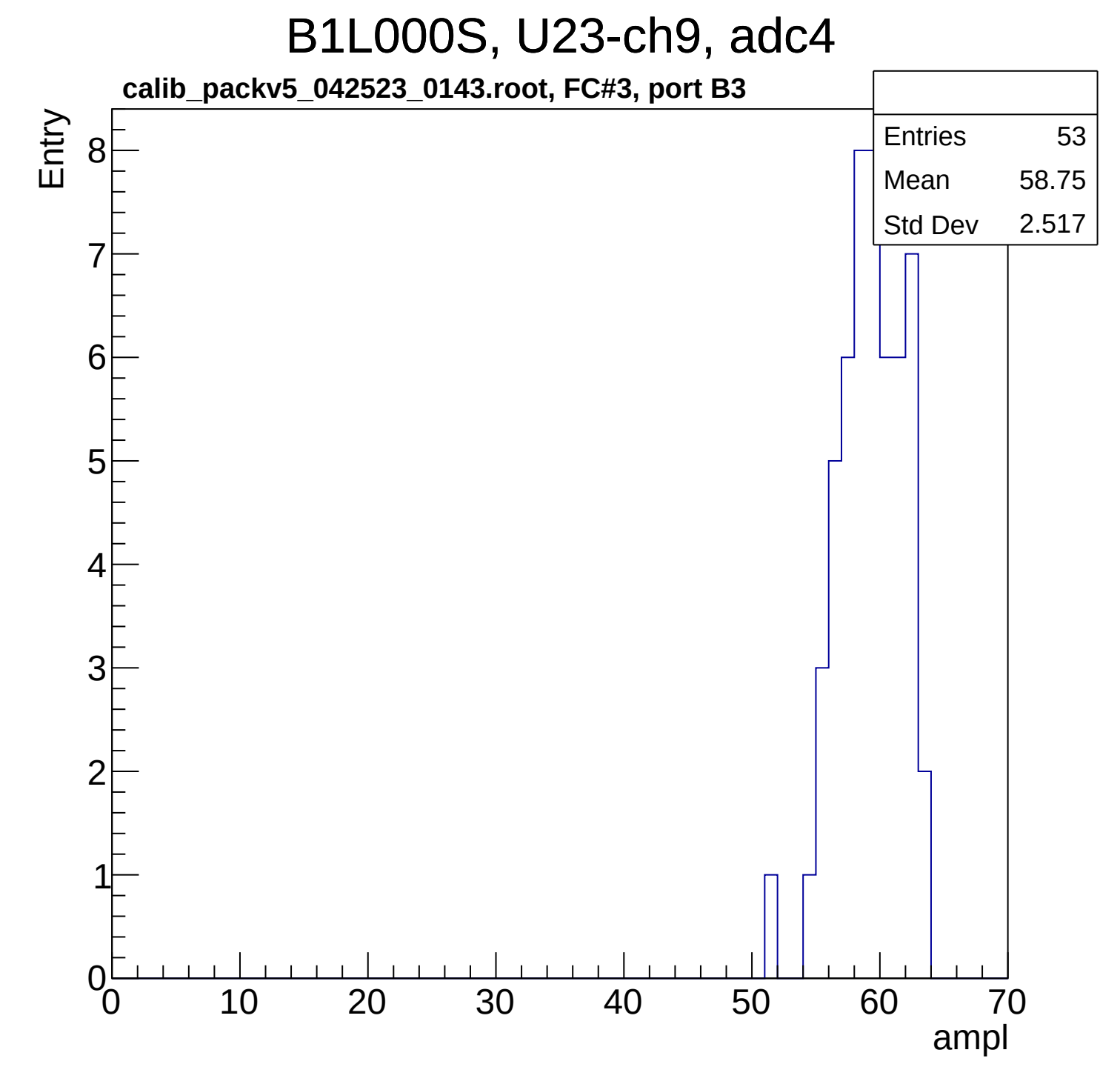
B1L000S, U23-ch9, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.75
Std Dev 2.517
Entry
ampl
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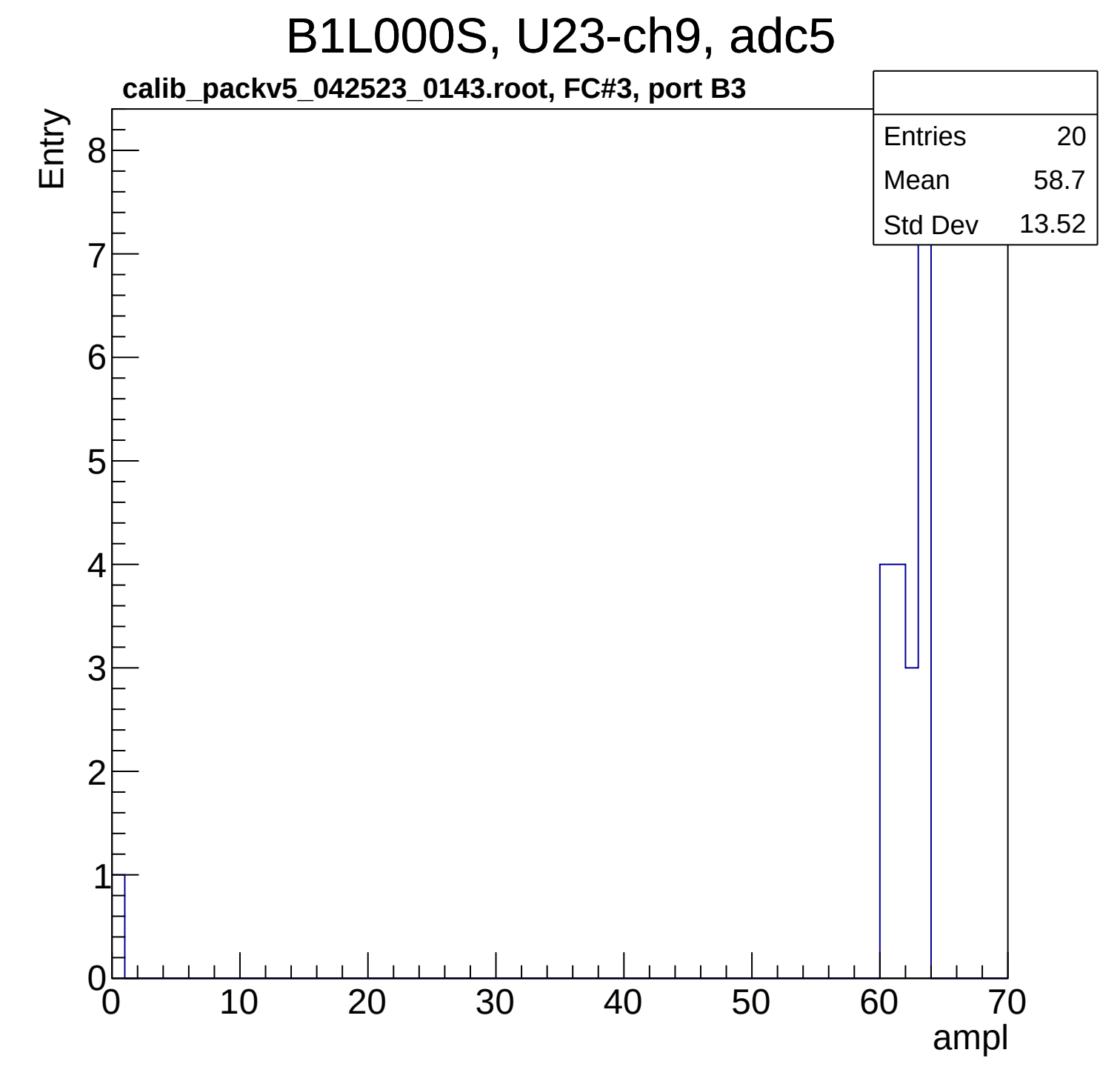
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch9, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.7
Std Dev 13.52
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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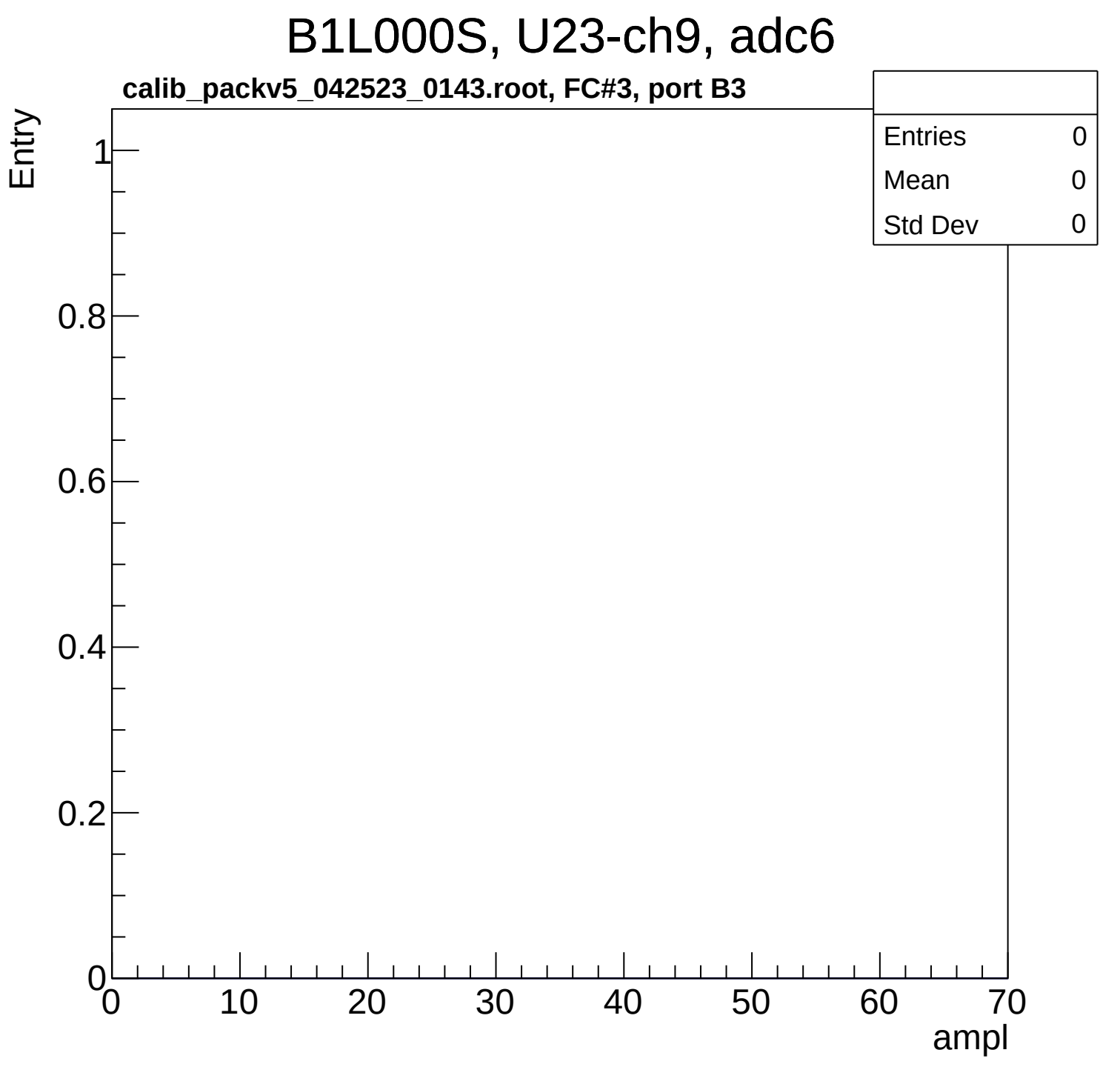
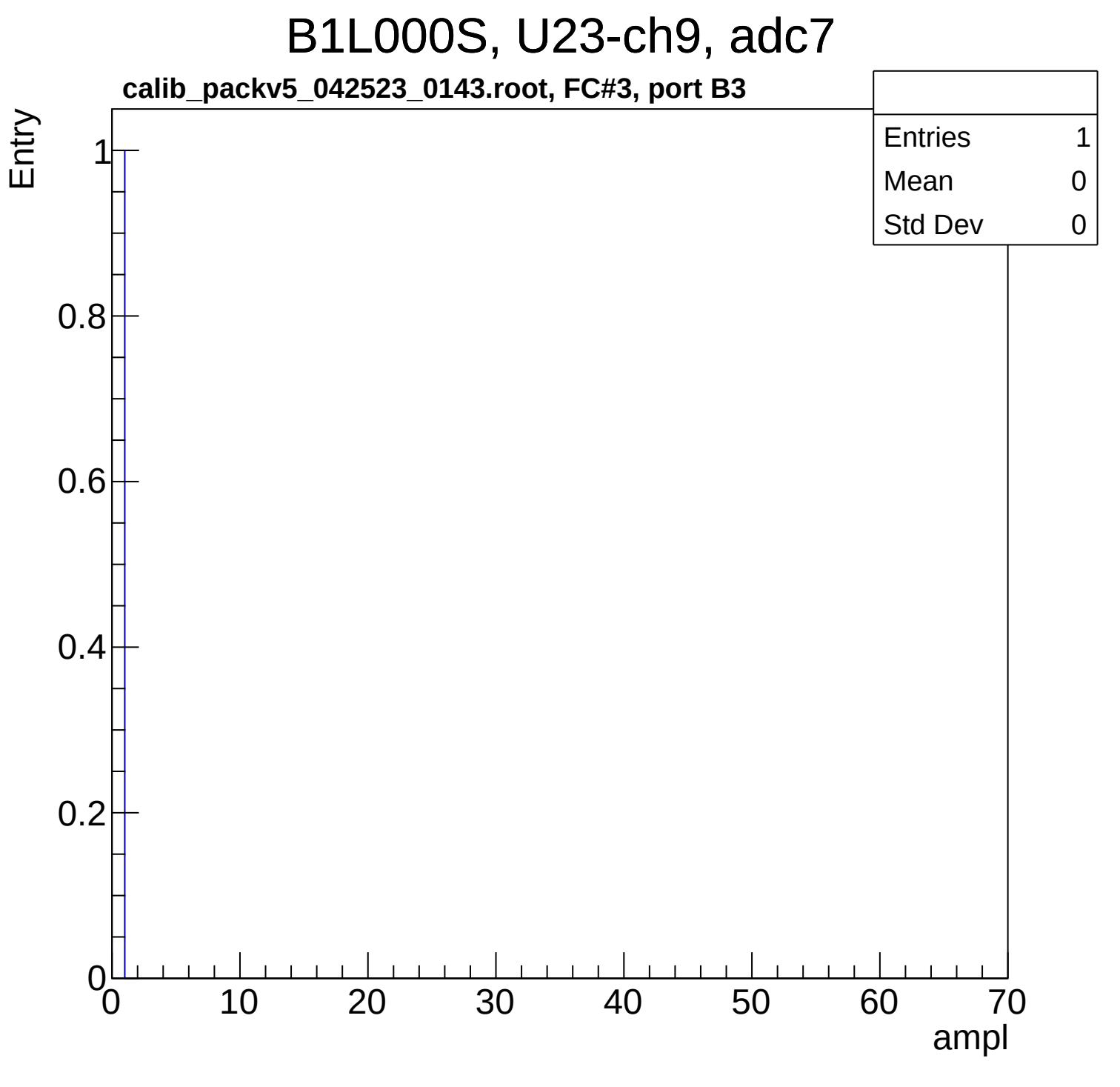
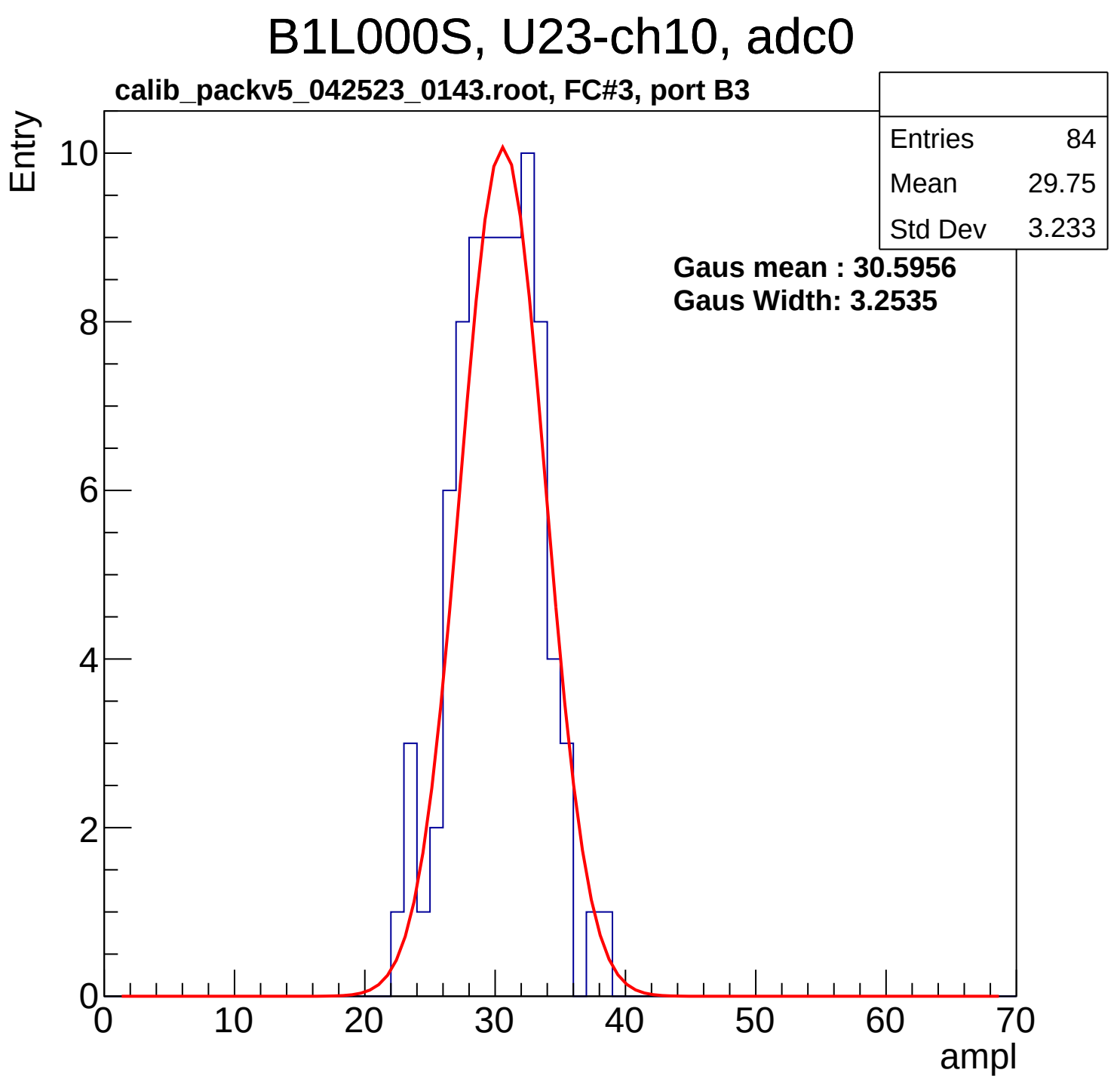

B1L000S, U23-ch9, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch9, 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, U23-ch10, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 29.75
Std Dev 3.233
Gaus mean : 30.5956
Gaus Width: 3.2535
Entry
ampl
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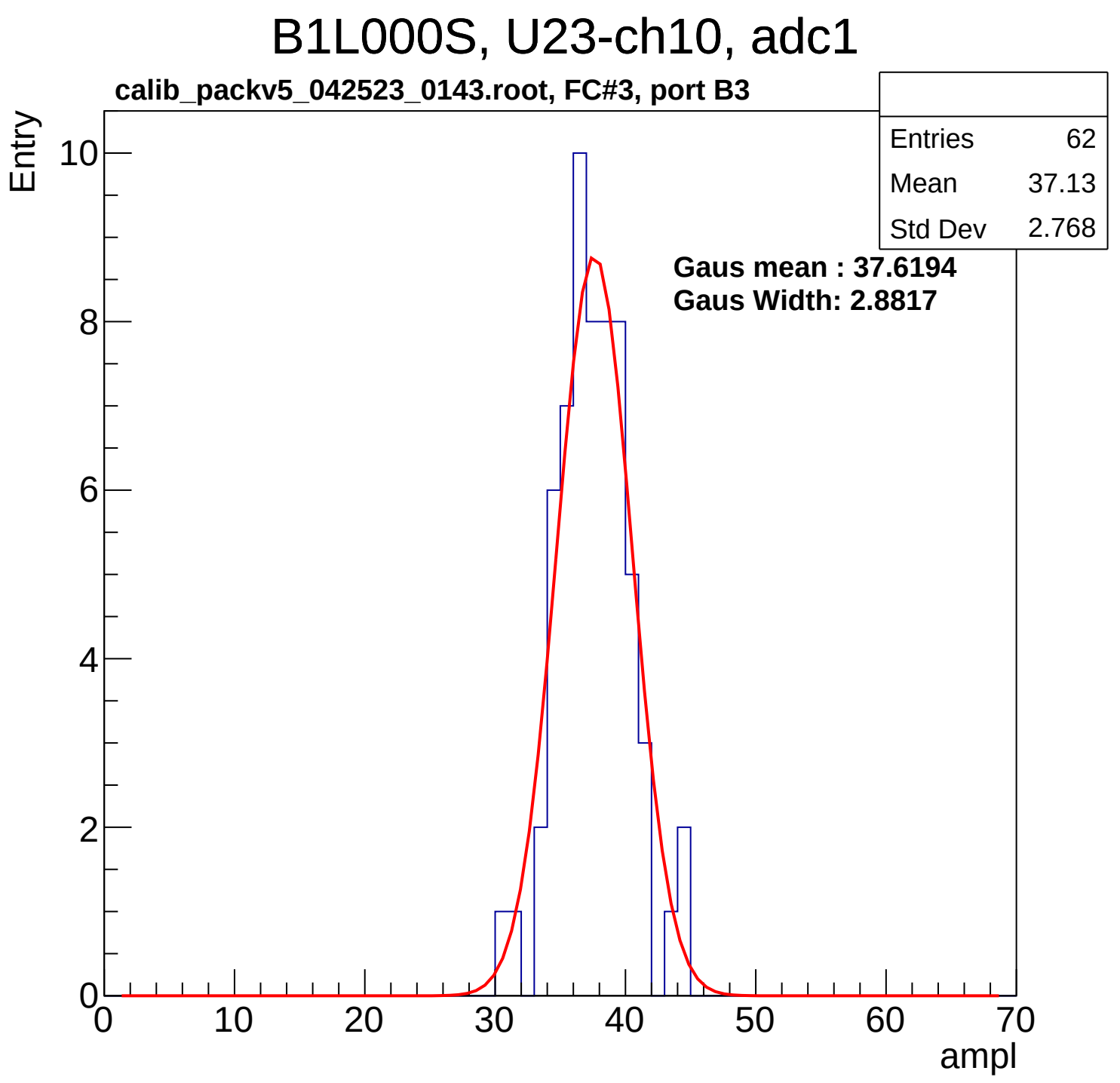
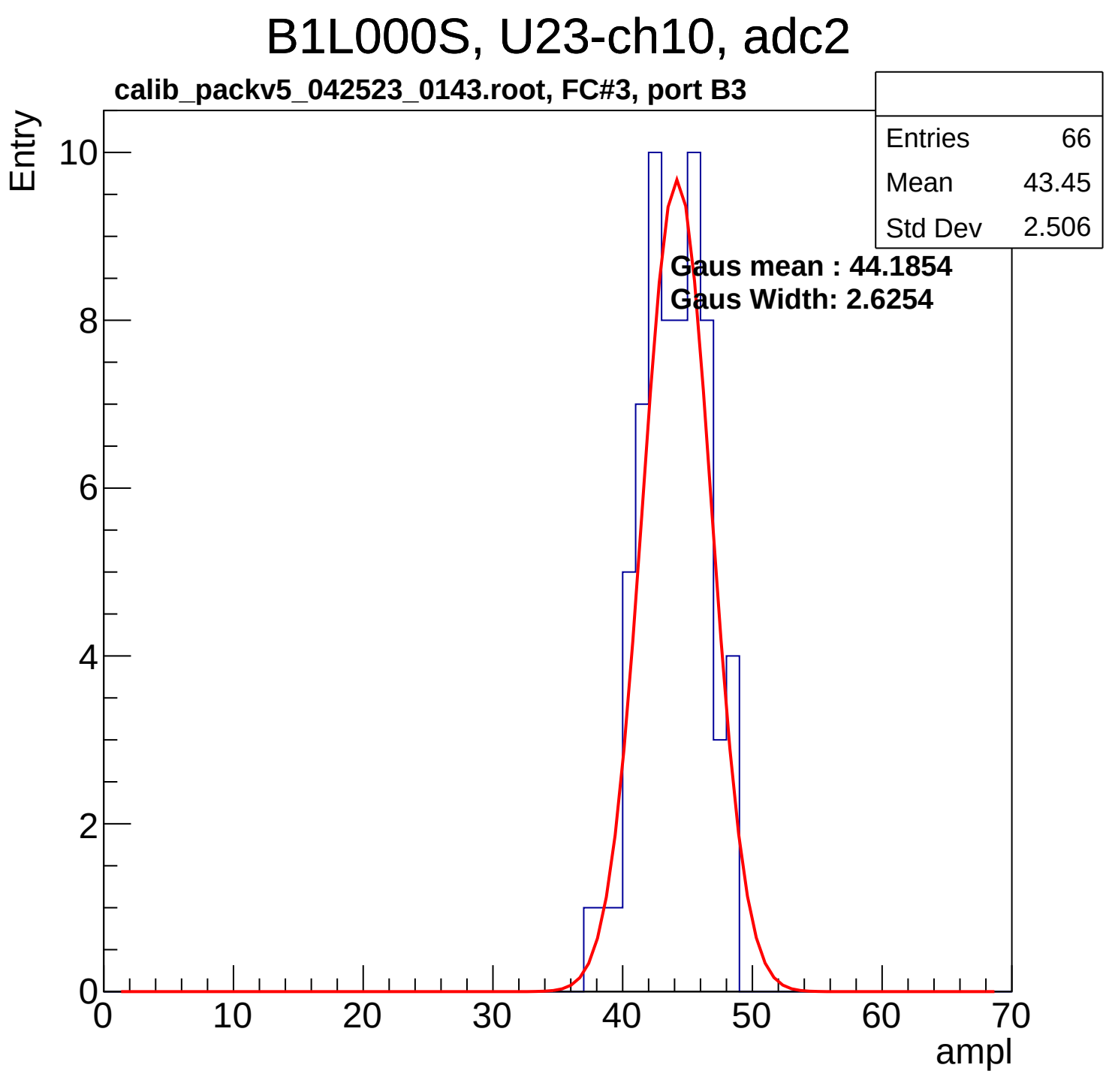
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch10, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 37.13
Std Dev 2.768
Gaus mean : 37.6194
Gaus Width: 2.8817
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch10, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.45
Std Dev 2.506
Gaus mean : 44.1854
Gaus Width: 2.6254
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
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60
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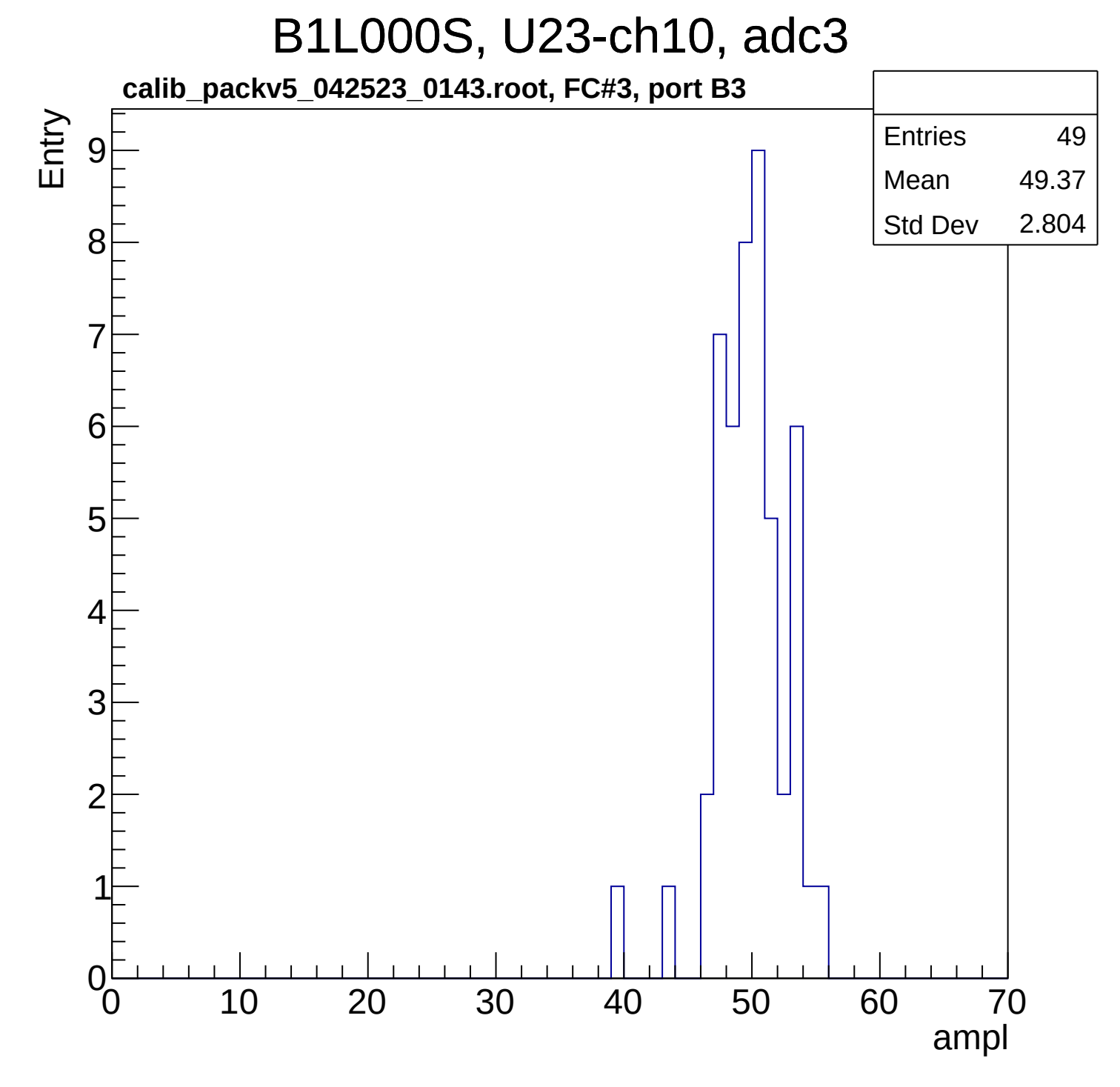
B1L000S, U23-ch10, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 49.37
Std Dev 2.804
Entry
ampl
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3
4
5
6
7
8
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0
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60
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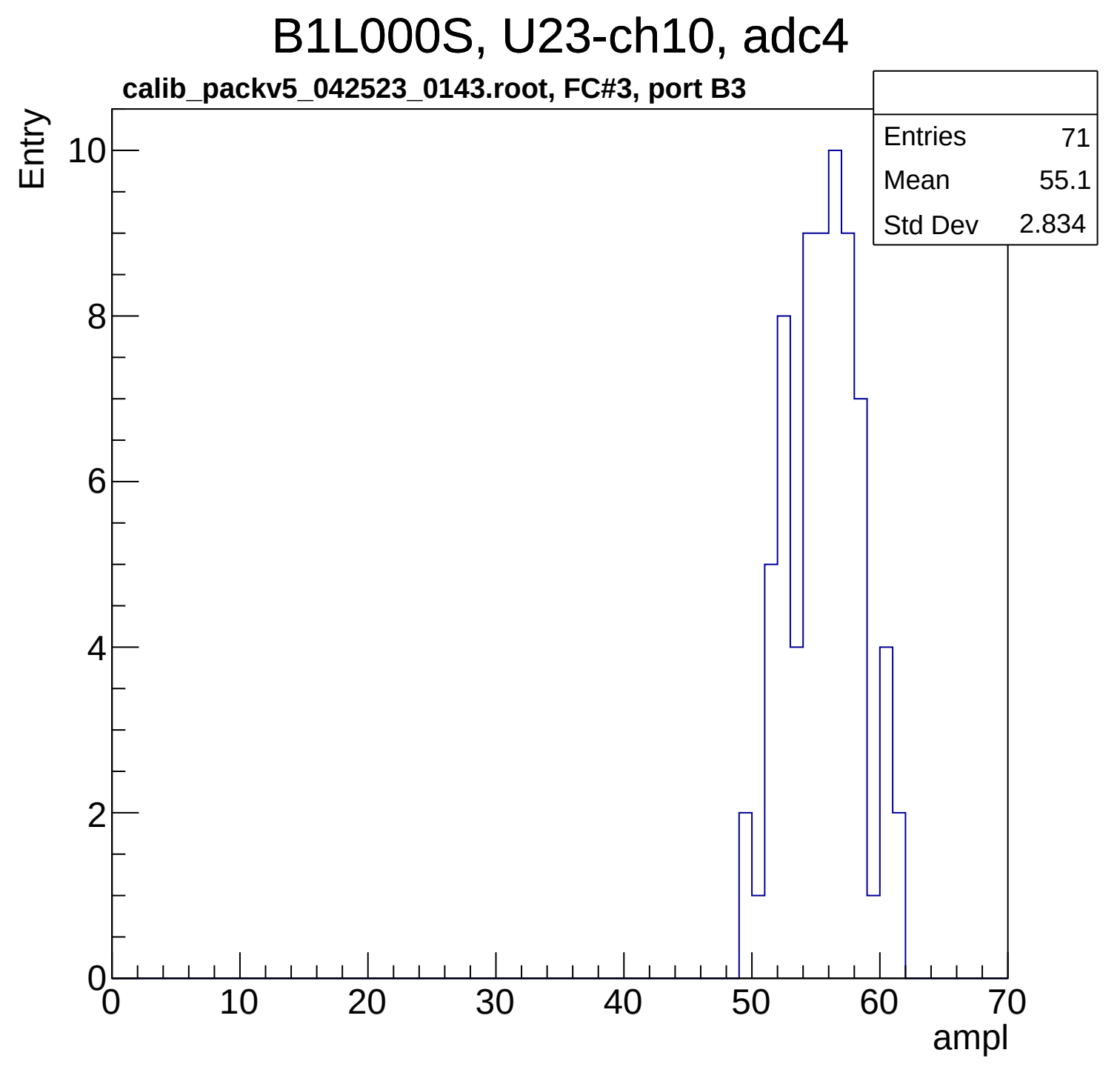
B1L000S, U23-ch10, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 55.1
Std Dev 2.834
Entry
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6
8
10
0
10
20
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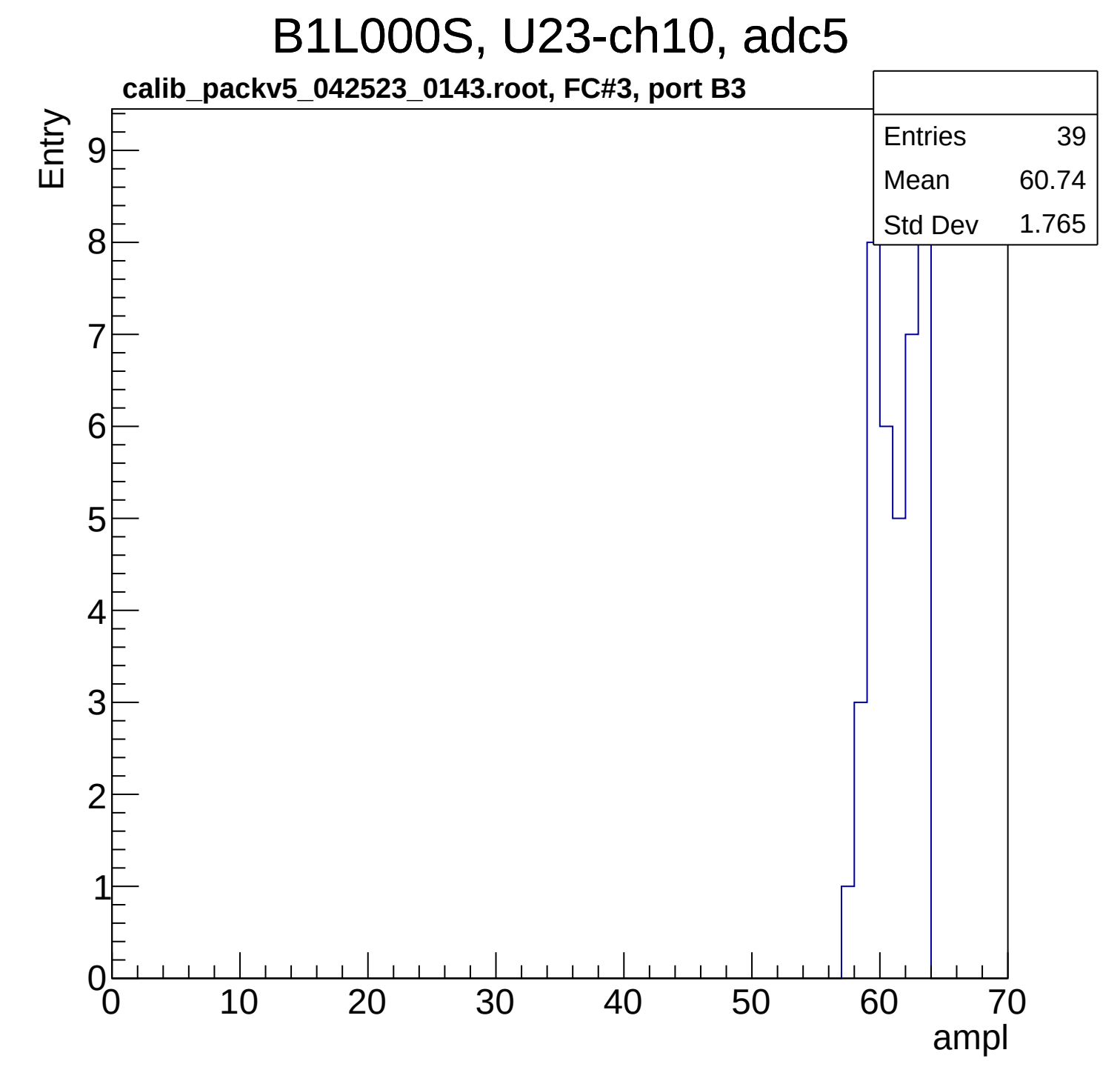
70
ampl


B1L000S, U23-ch10, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 60.74
Std Dev 1.765
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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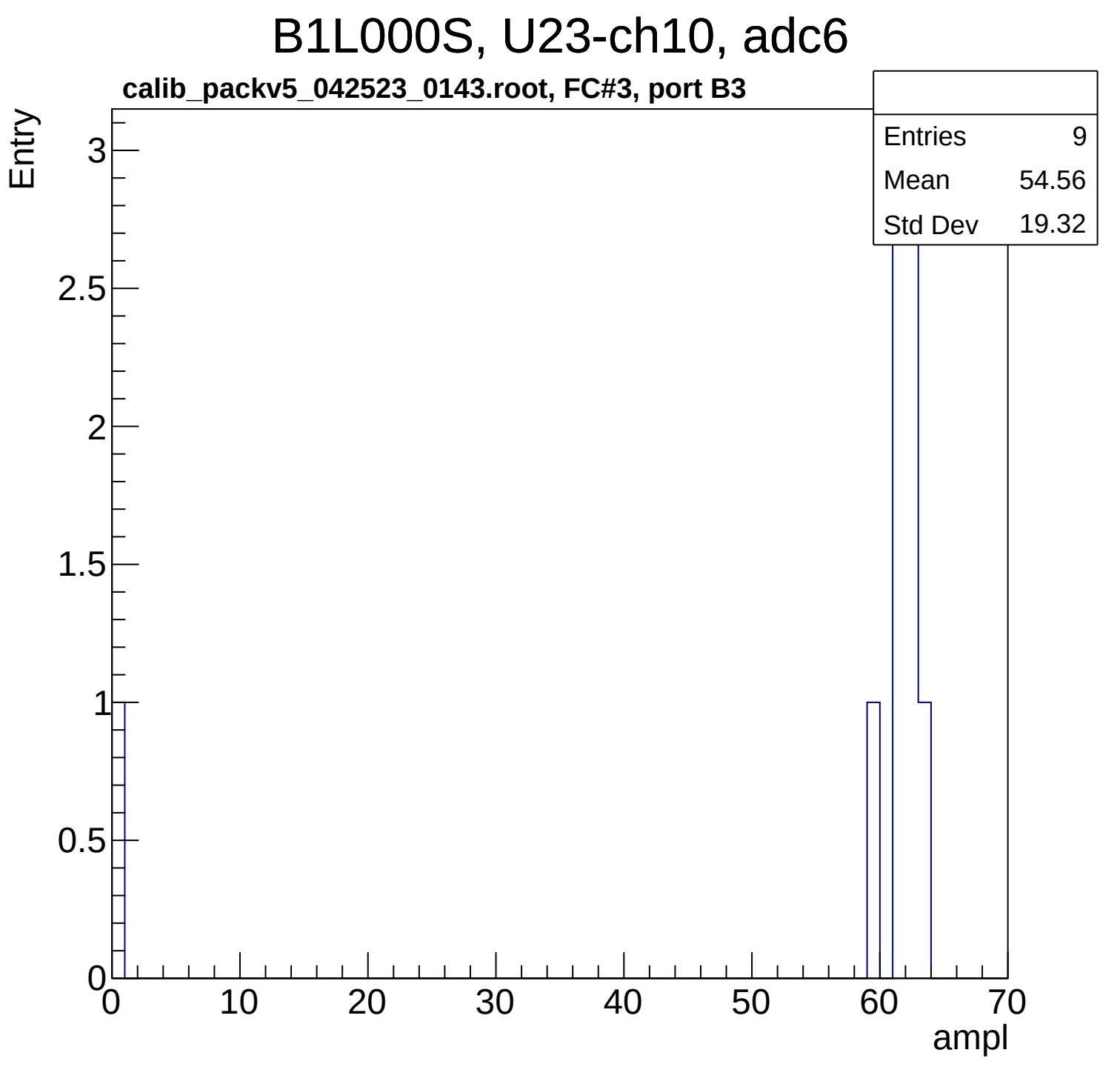
B1L000S, U23-ch10, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 54.56
Std Dev 19.32
Entry
ampl
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1.5
2
2.5
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0
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60
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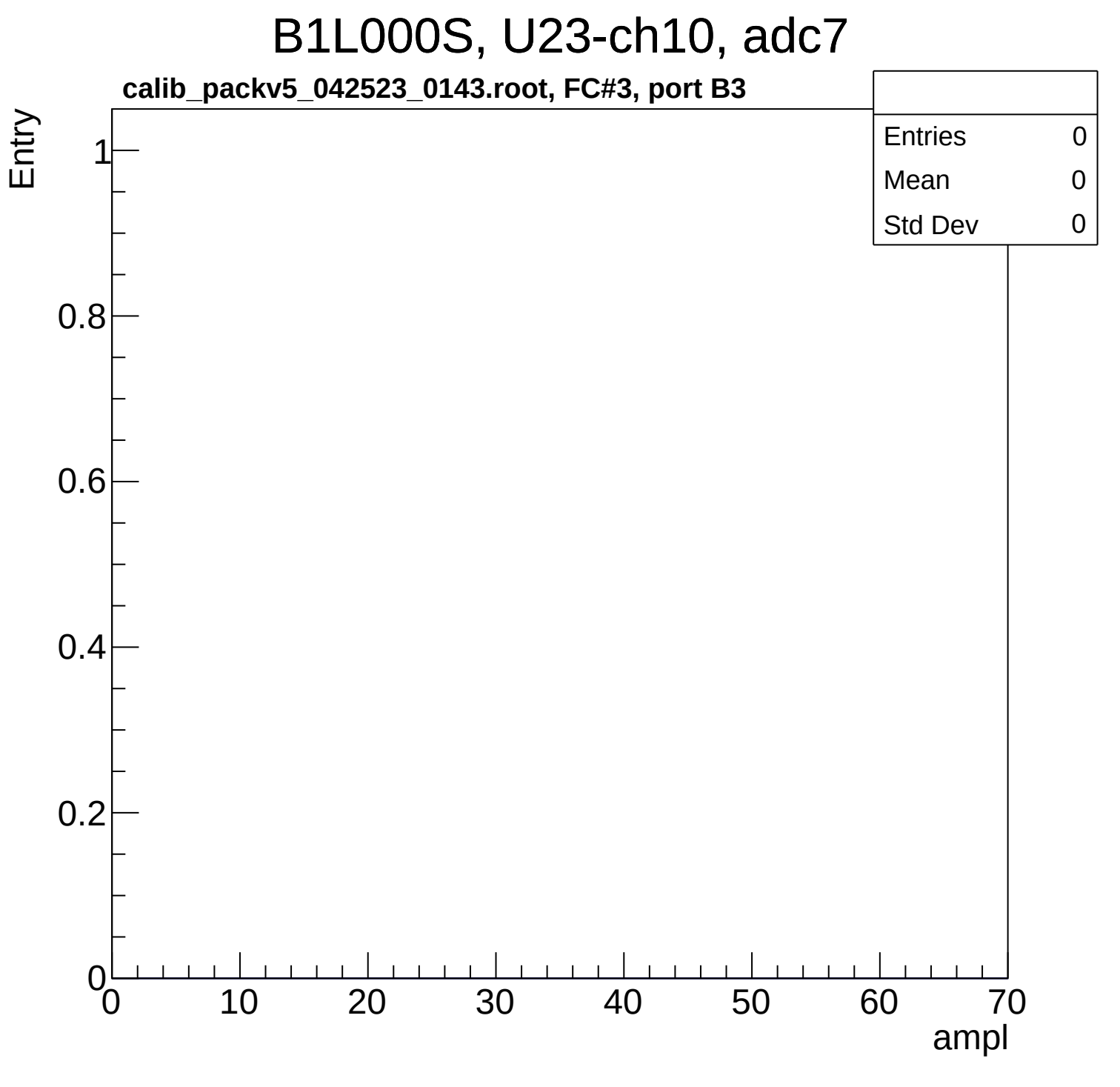
B1L000S, U23-ch10, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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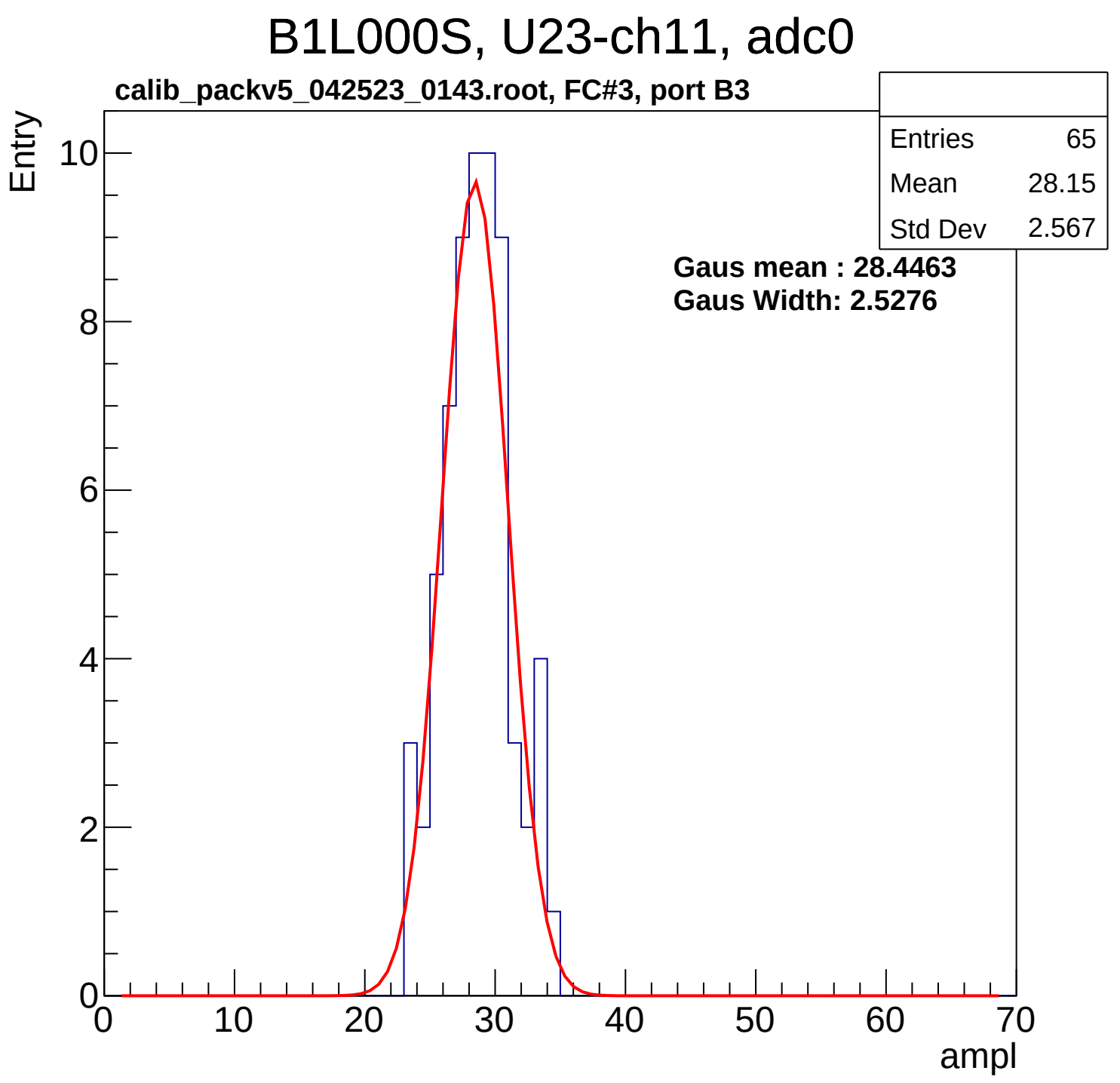
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch11, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.15
Std Dev 2.567
Gaus mean : 28.4463
Gaus Width: 2.5276
Entry
ampl
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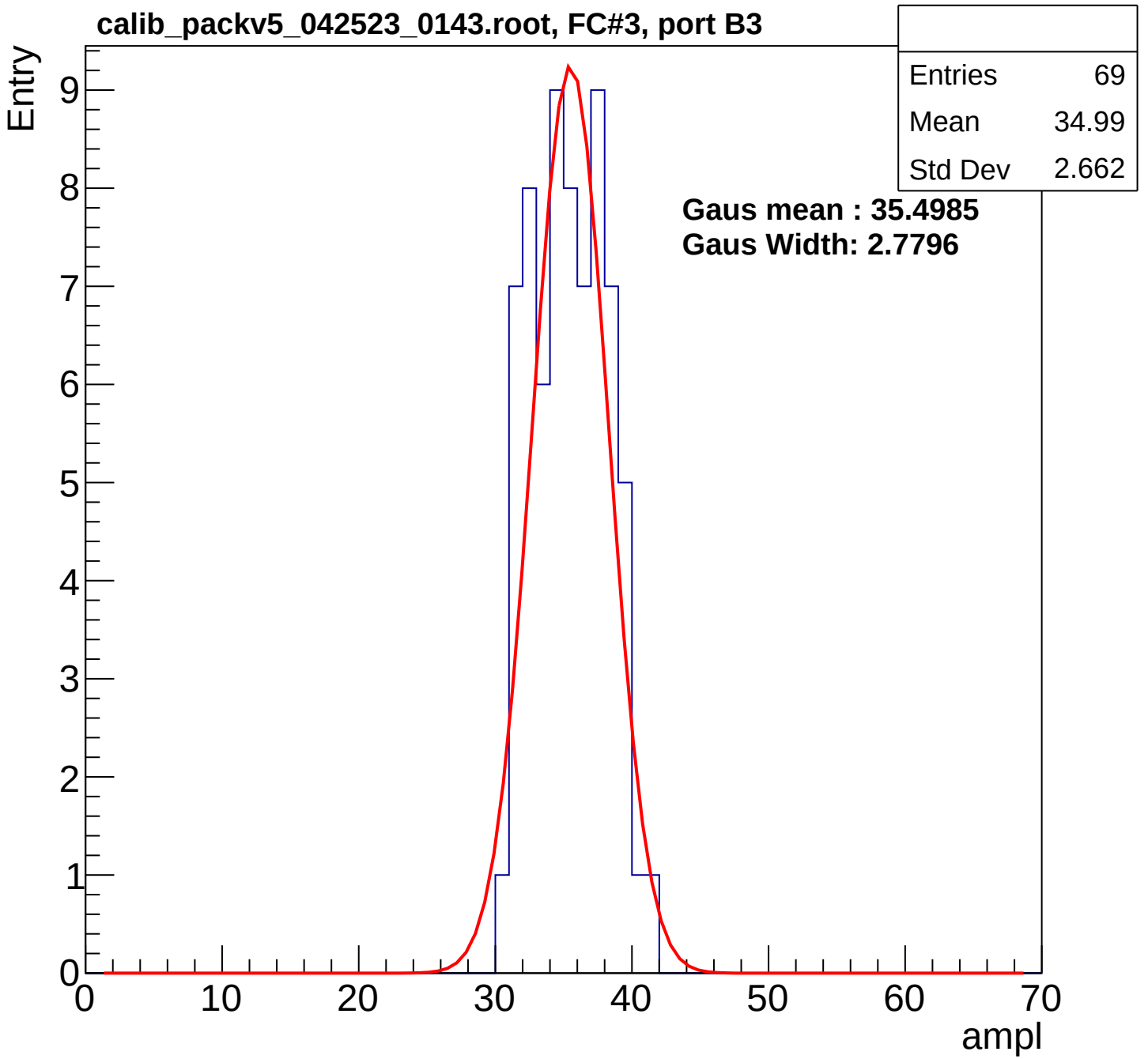
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch11, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 34.99
Std Dev 2.662
Gaus mean : 35.4985
Gaus Width: 2.7796
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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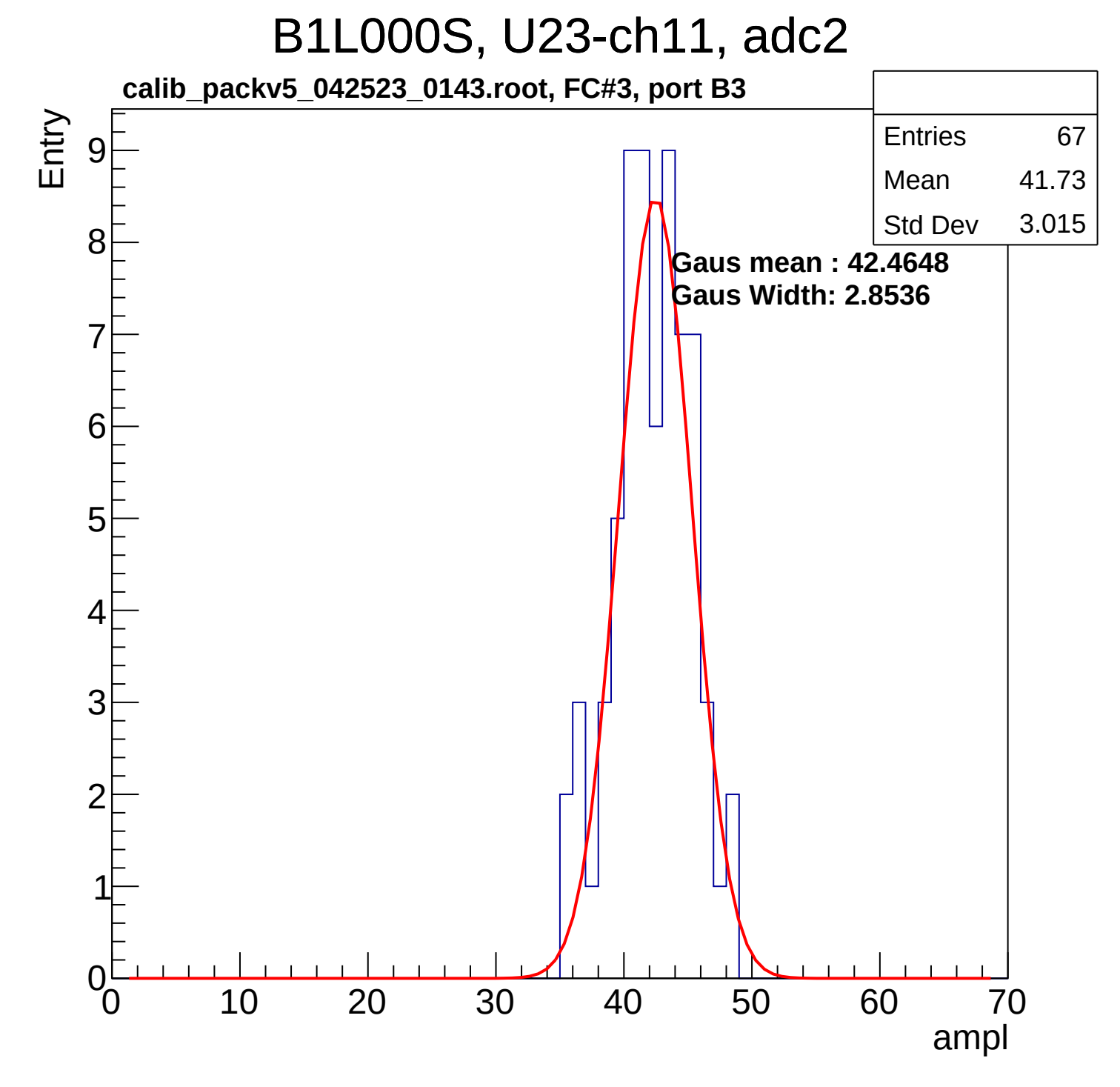
B1L000S, U23-ch11, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41.73
Std Dev 3.015
Gaus mean : 42.4648
Gaus Width: 2.8536
Entry
ampl
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3
4
5
6
7
8
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0
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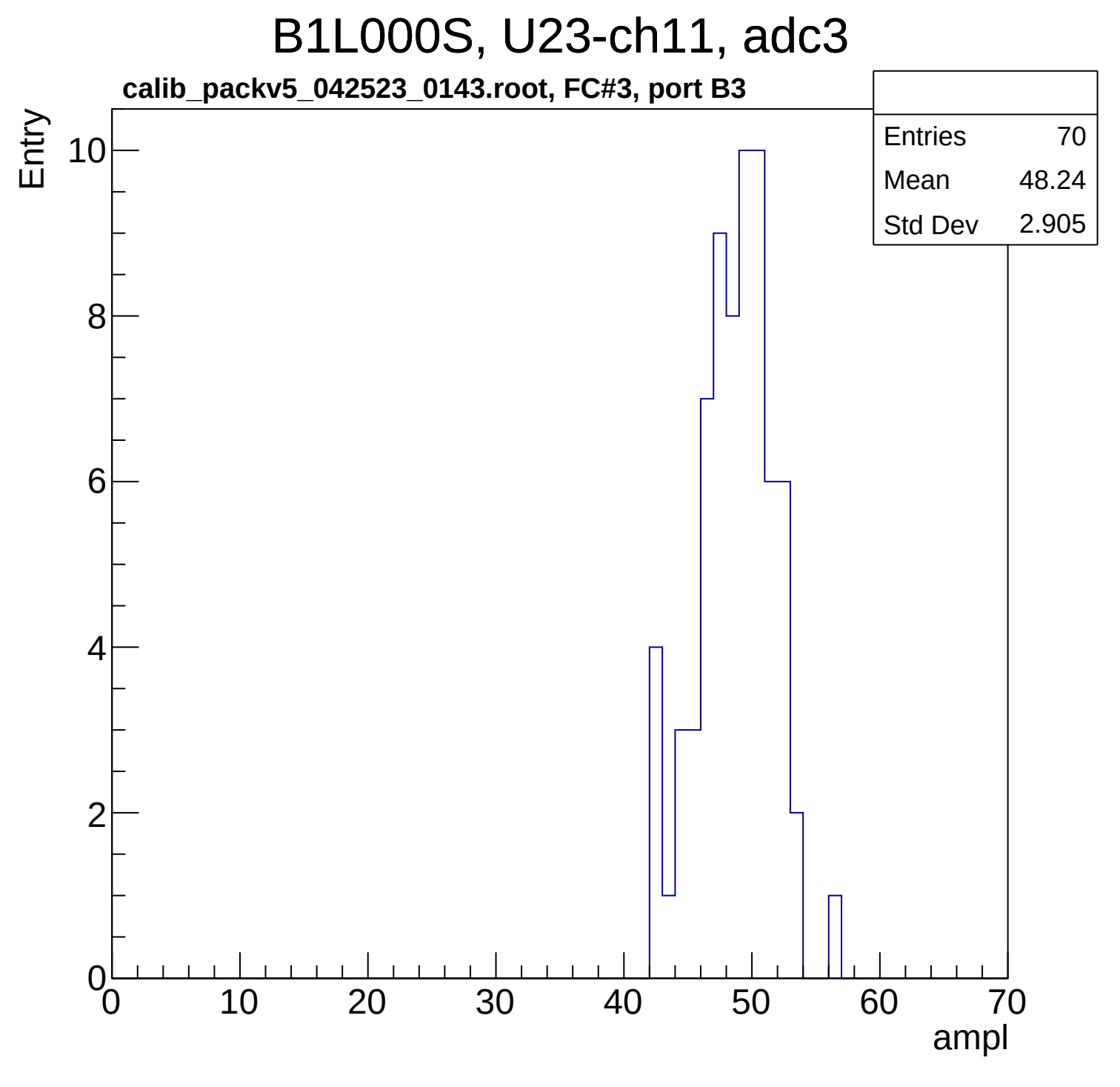
B1L000S, U23-ch11, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 48.24
Std Dev 2.905
Entry
ampl
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8
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0
10
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40
50
60
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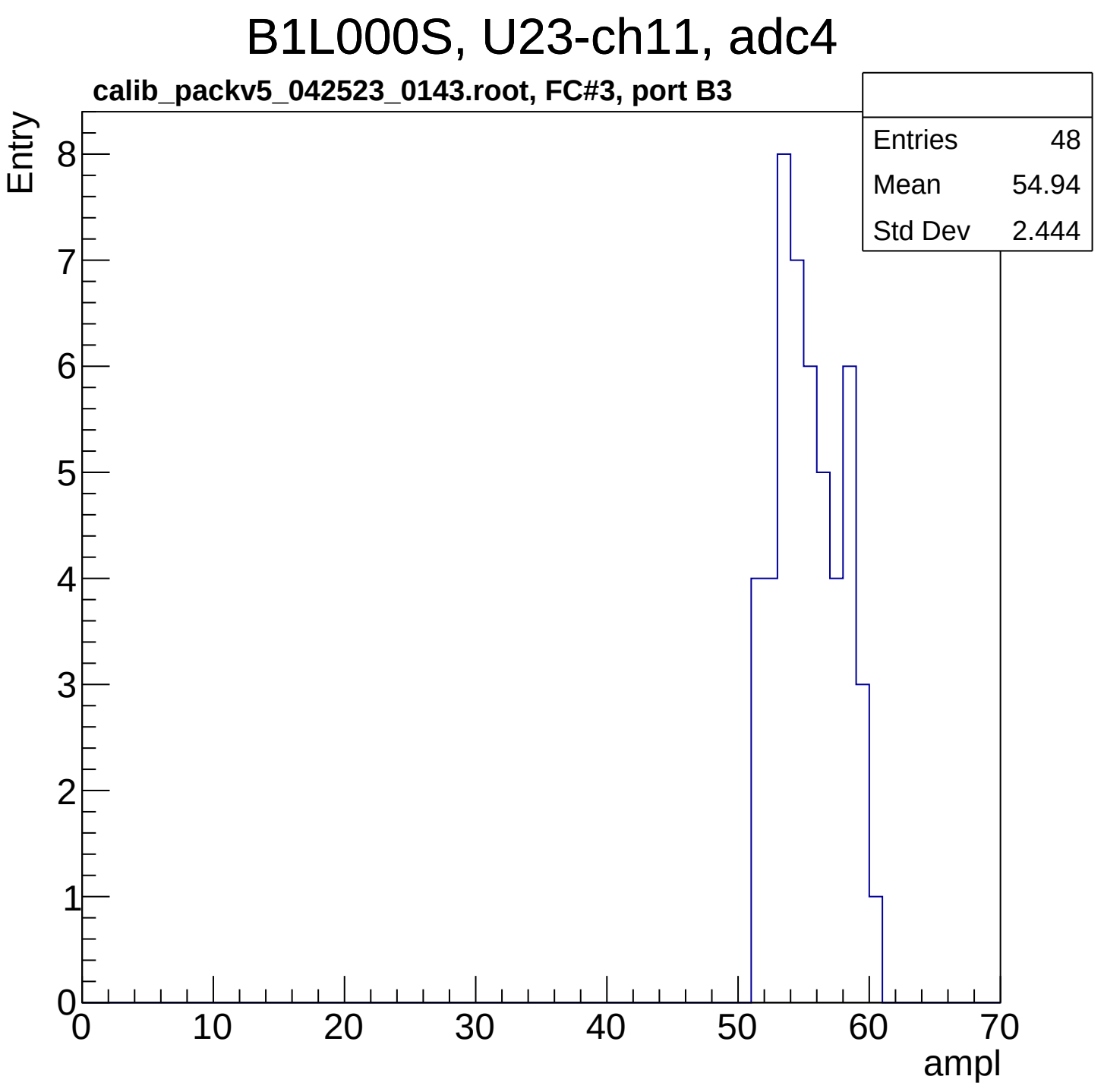
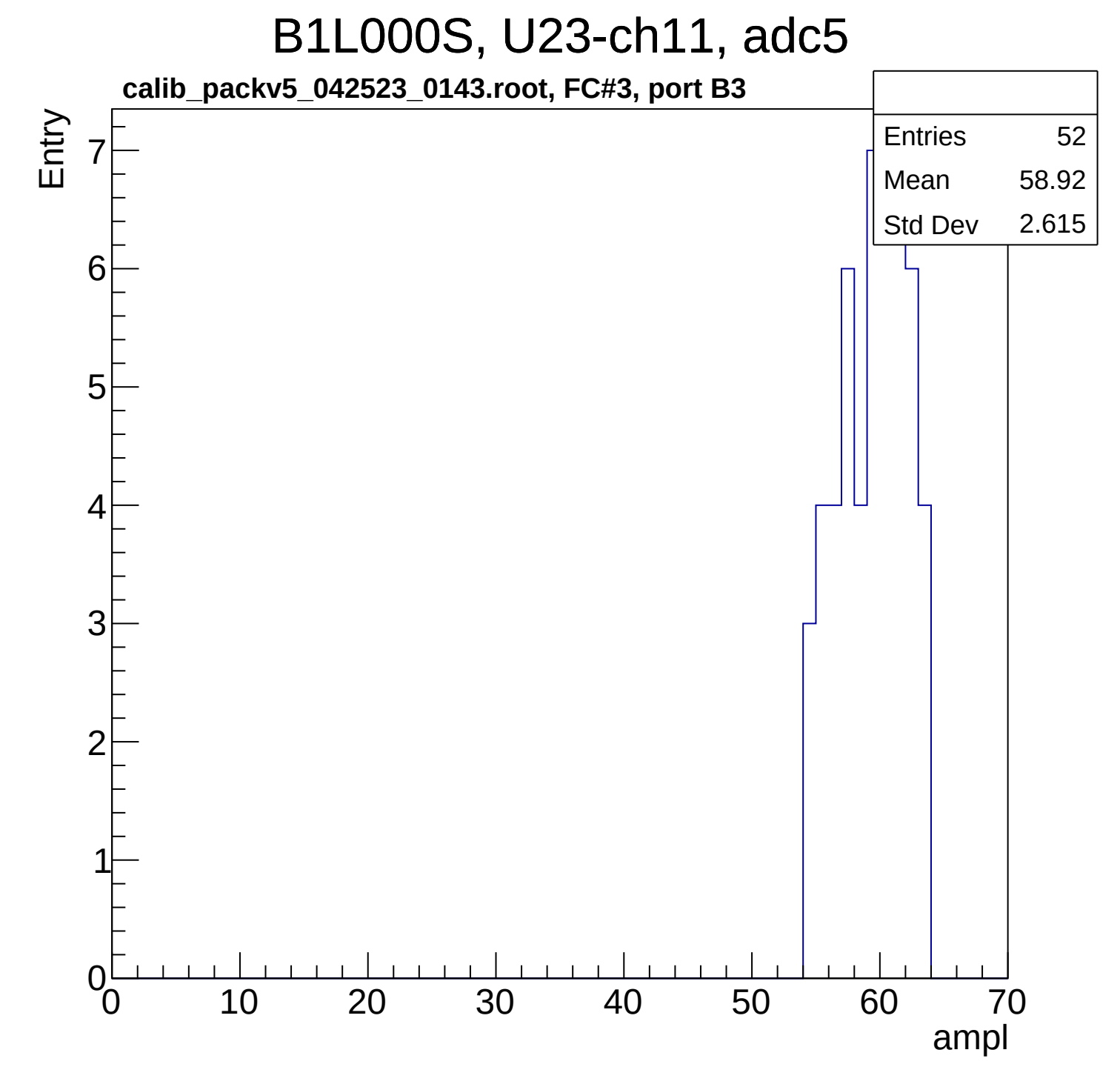

B1L000S, U23-ch11, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 54.94
Std Dev 2.444
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch11, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.92
Std Dev 2.615
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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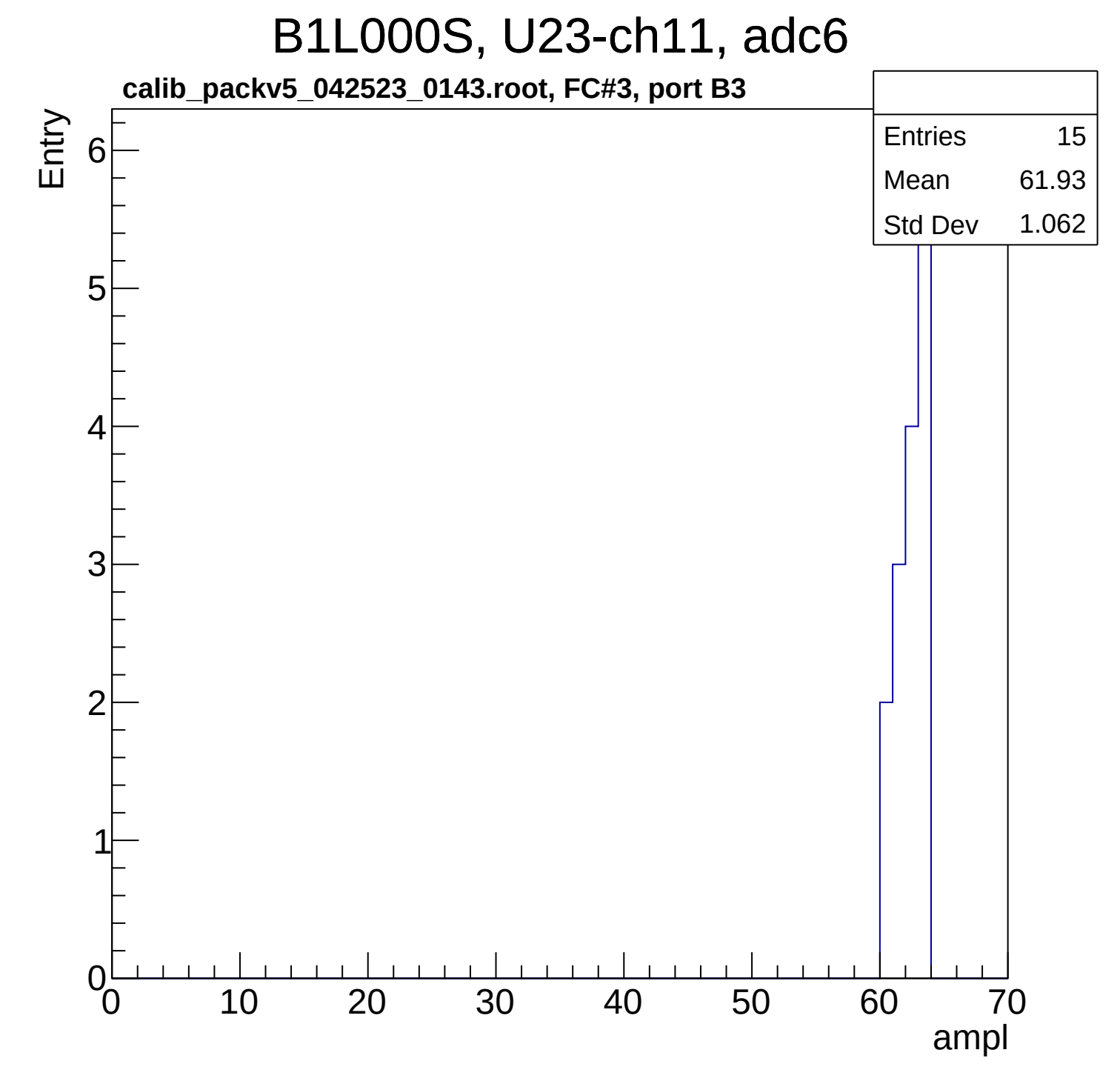
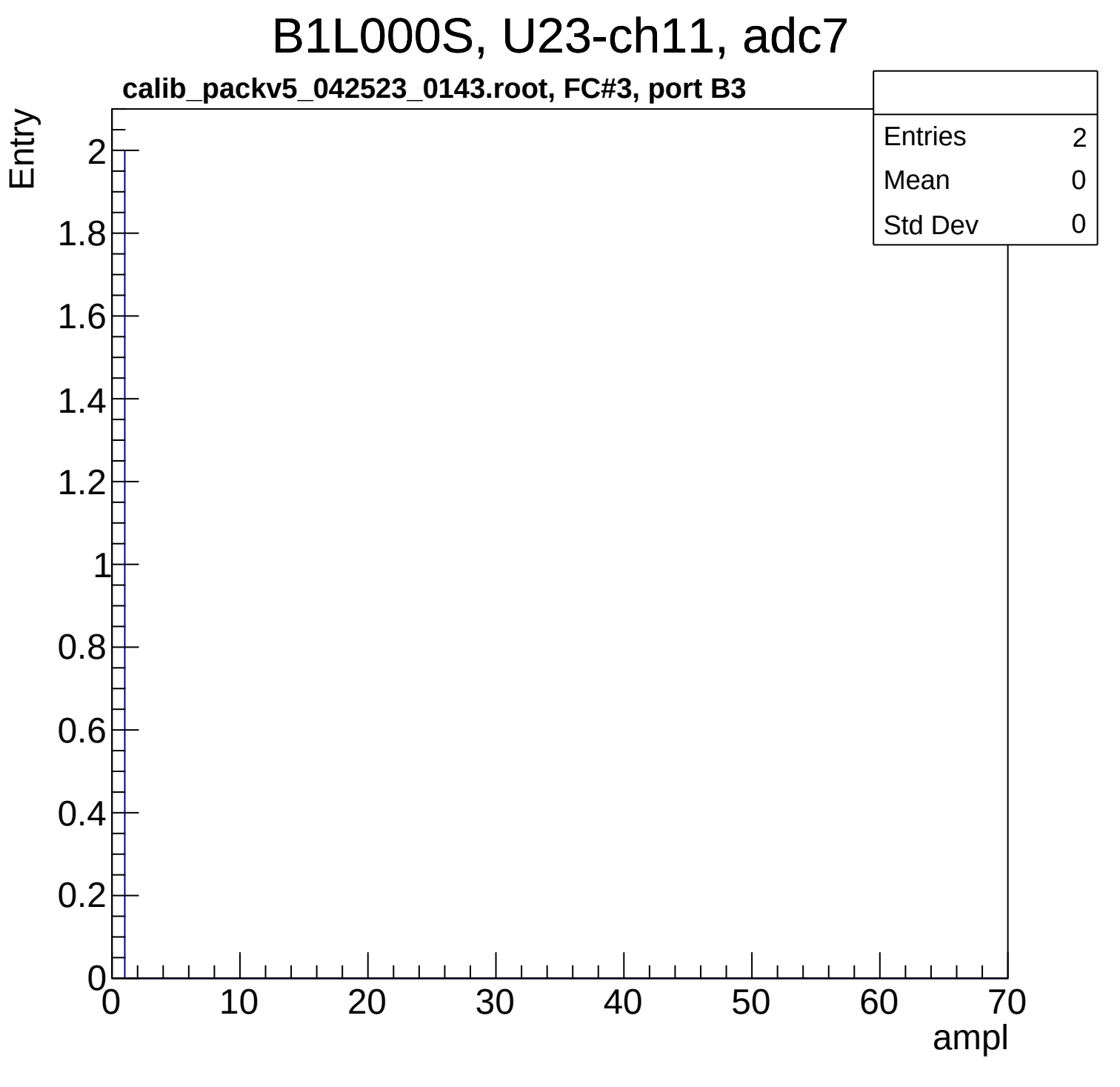

B1L000S, U23-ch11, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.93
Std Dev 1.062
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch11, 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
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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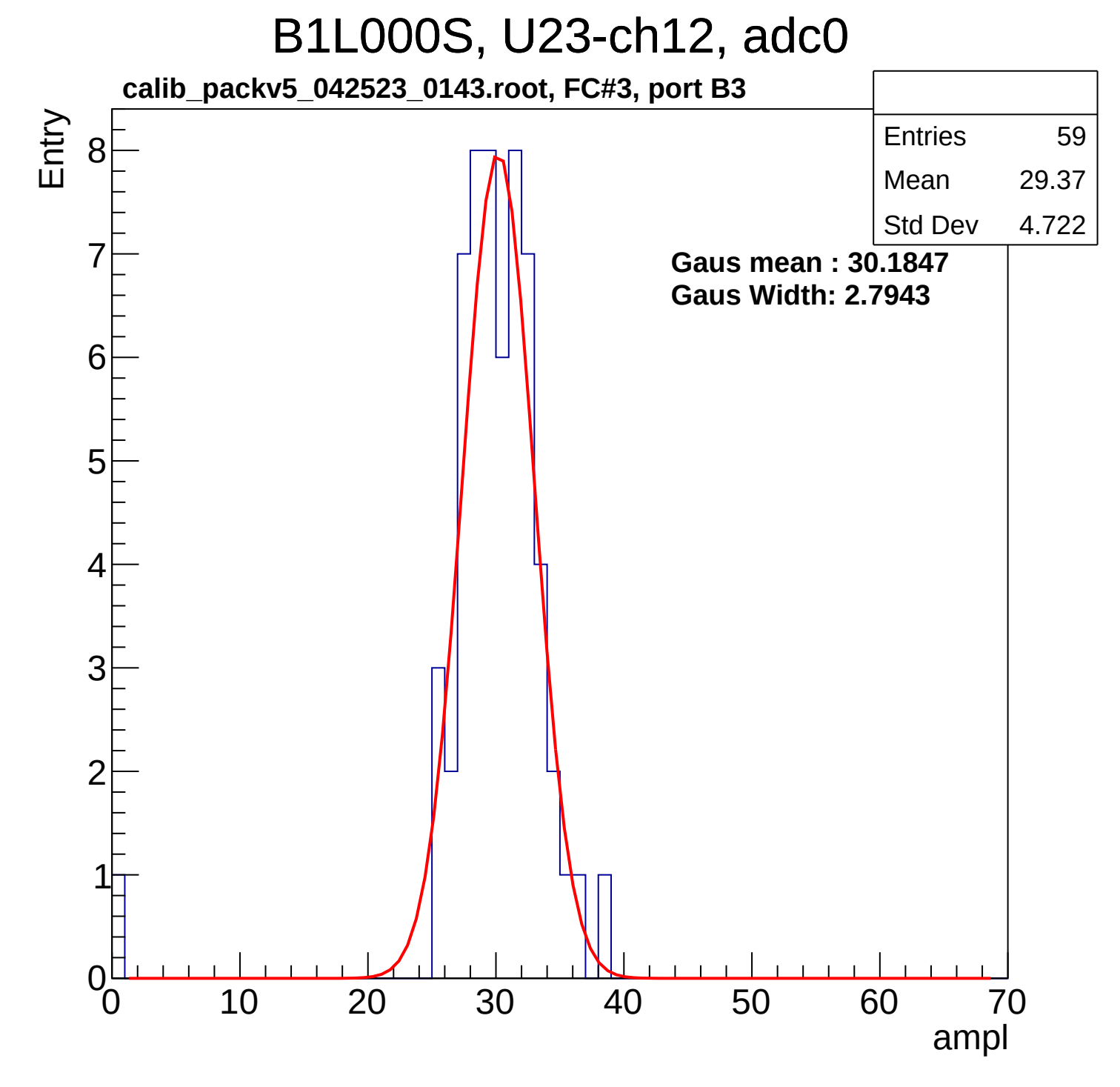
B1L000S, U23-ch12, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.37
Std Dev 4.722
Gaus mean : 30.1847
Gaus Width: 2.7943
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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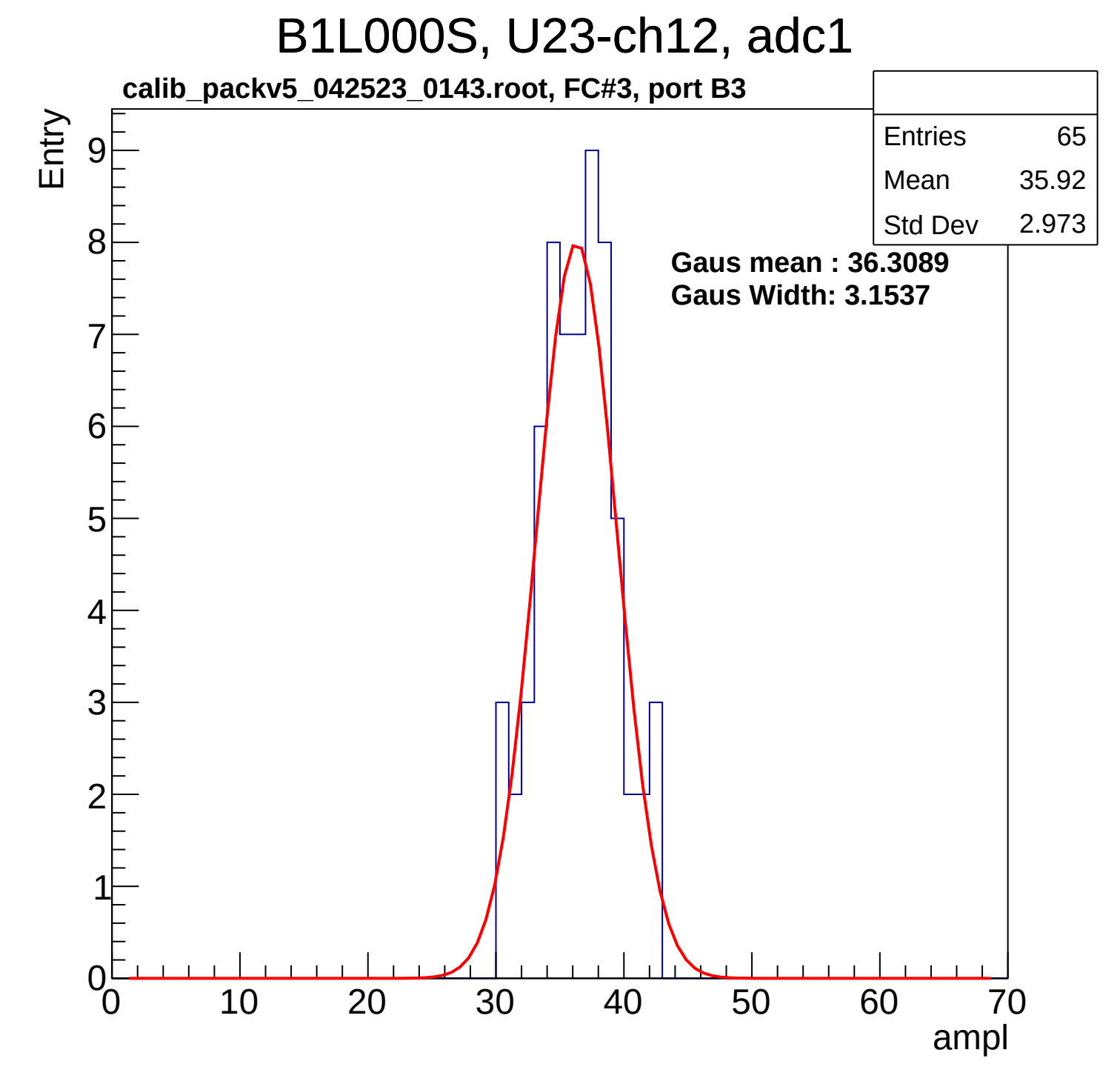
B1L000S, U23-ch12, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.92
Std Dev 2.973
Gaus mean : 36.3089
Gaus Width: 3.1537
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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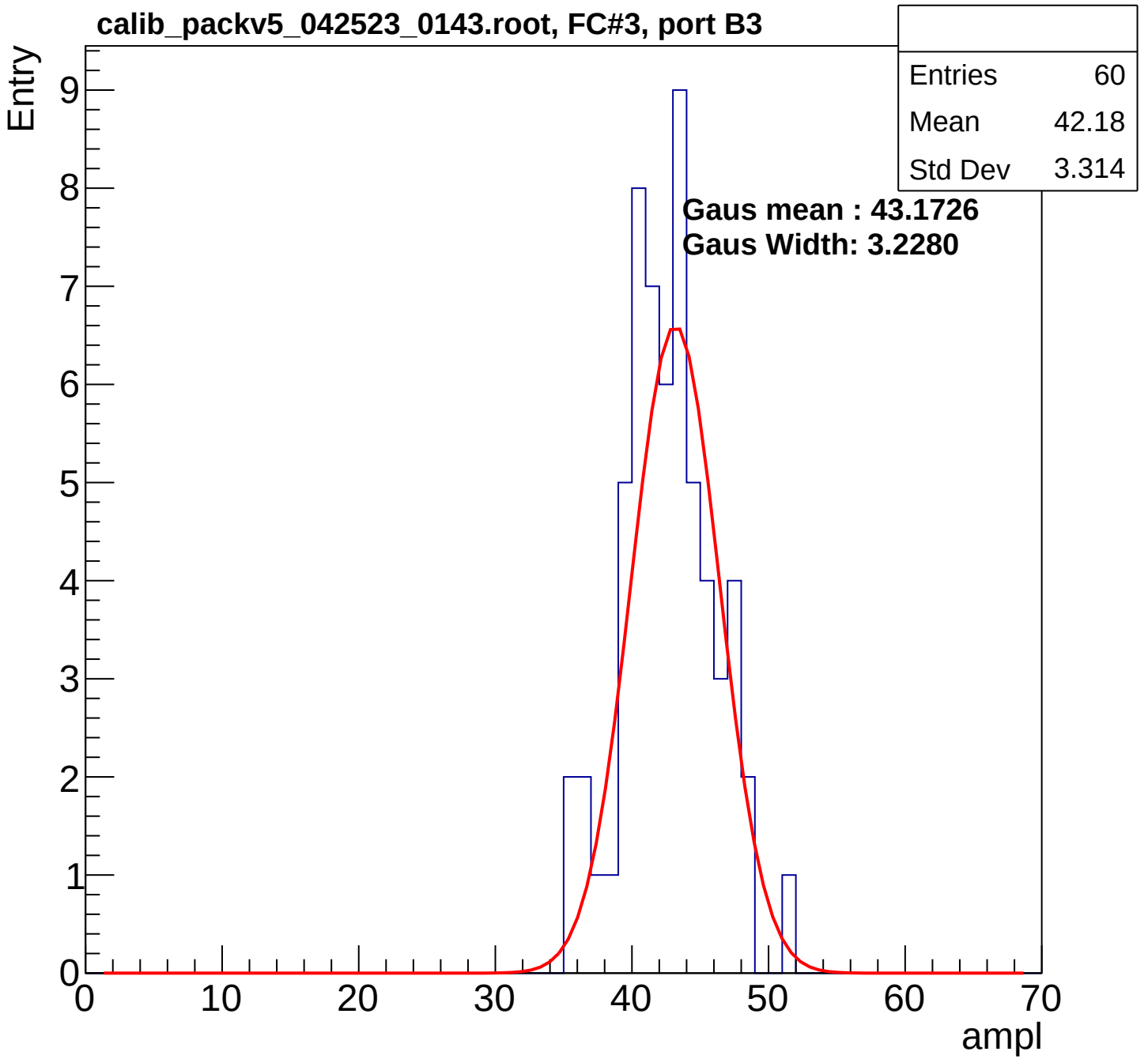
B1L000S, U23-ch12, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 42.18
Std Dev 3.314
Gaus mean : 43.1726
Gaus Width: 3.2280
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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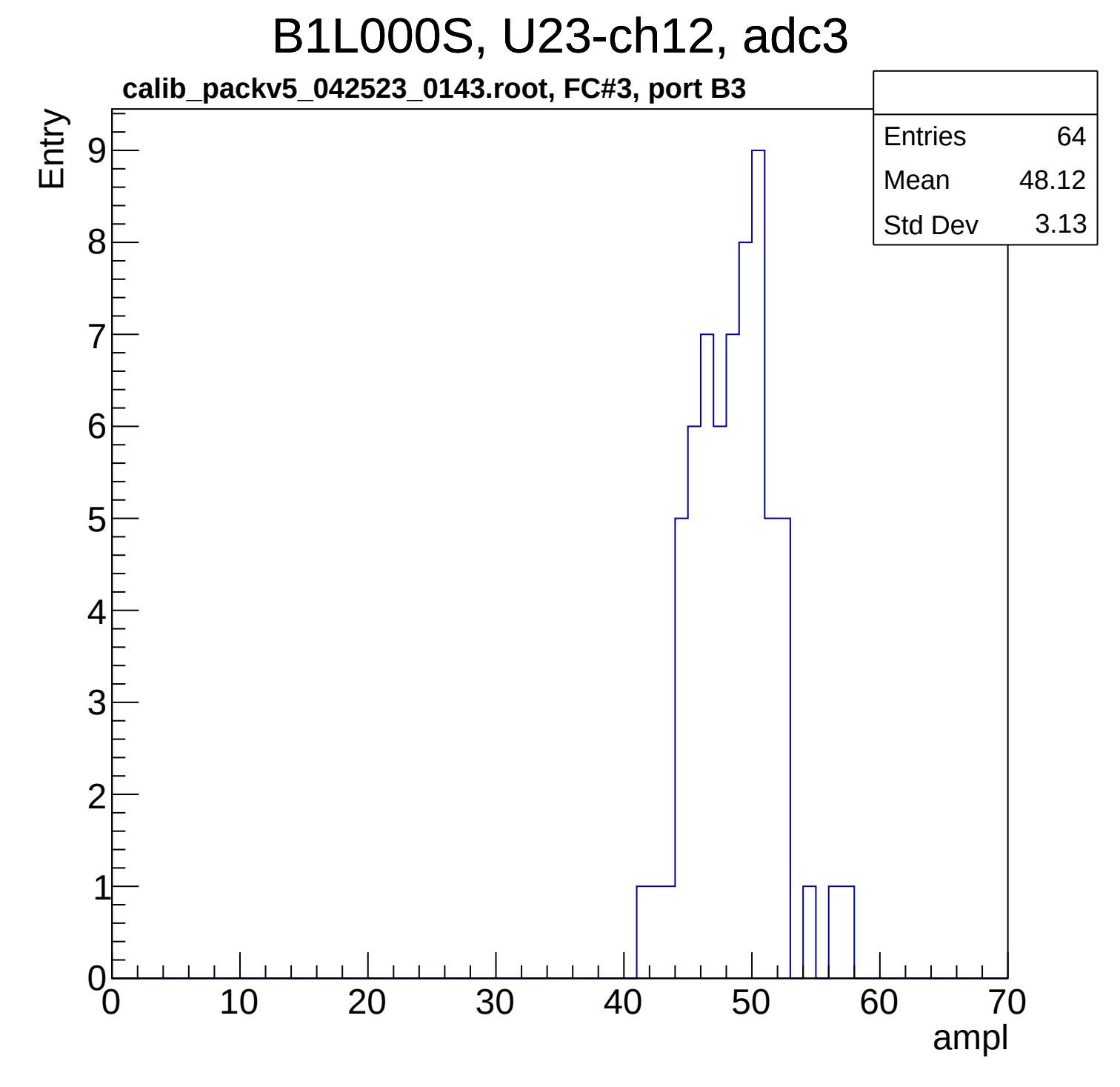
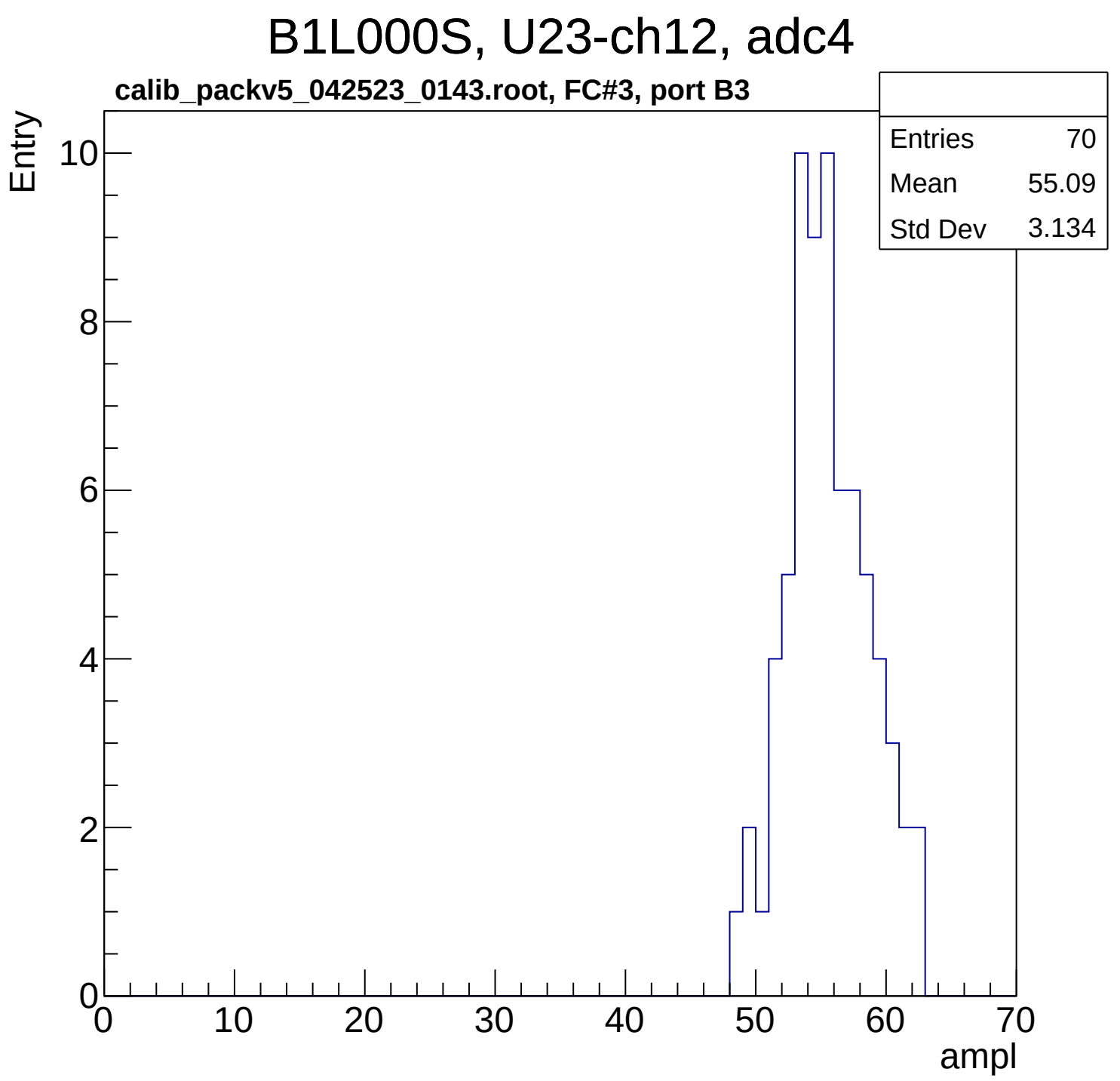
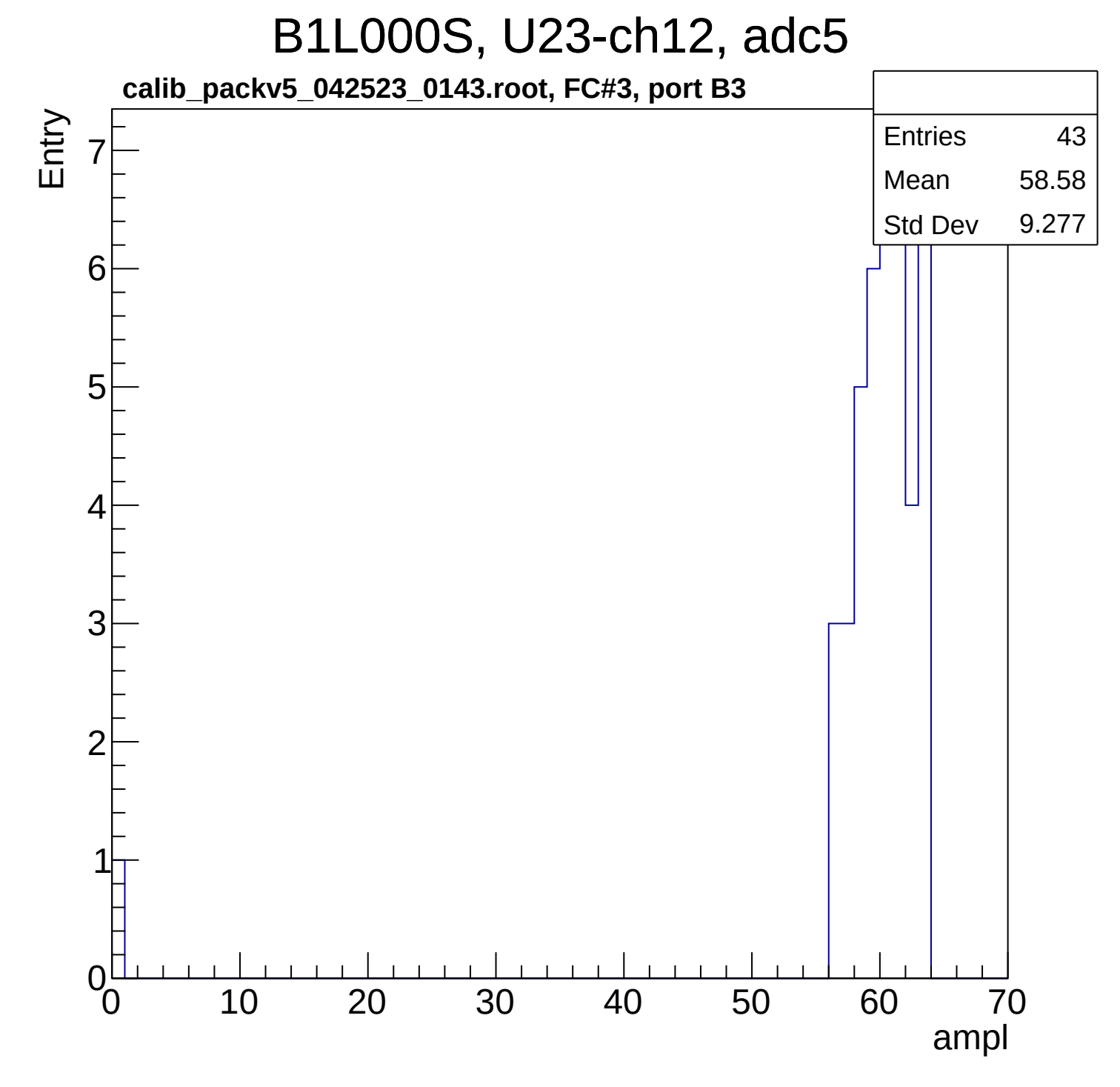
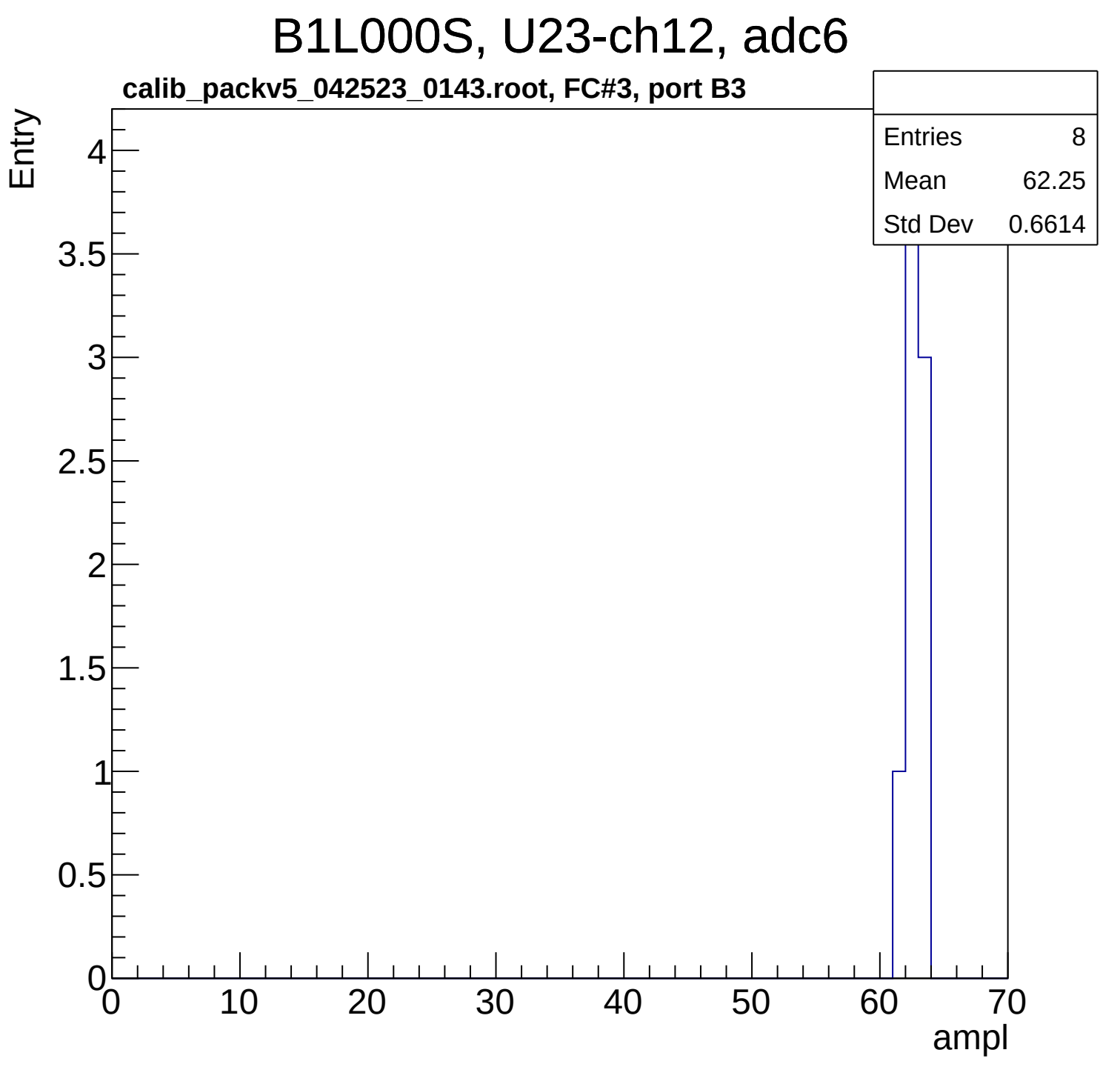
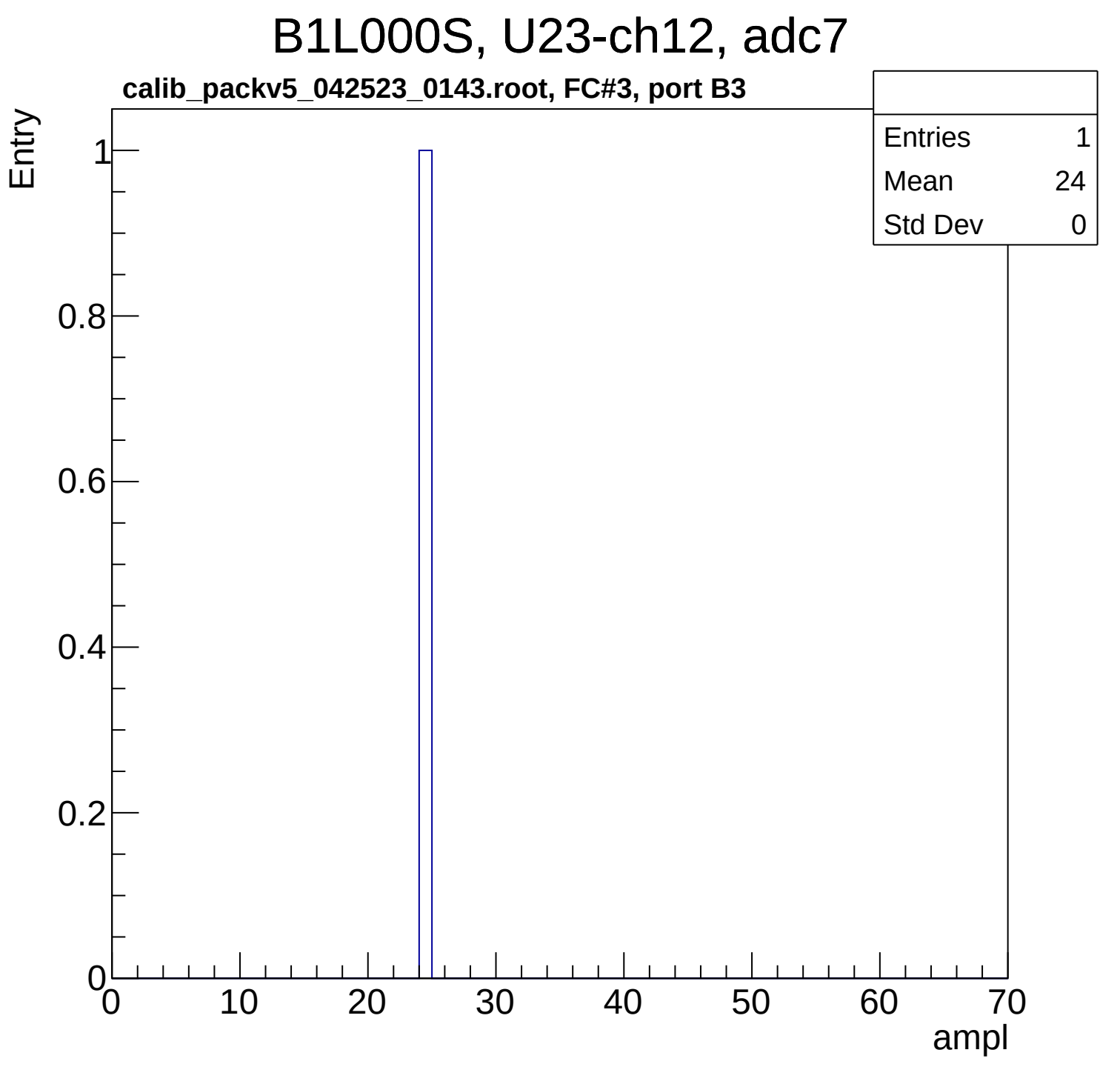
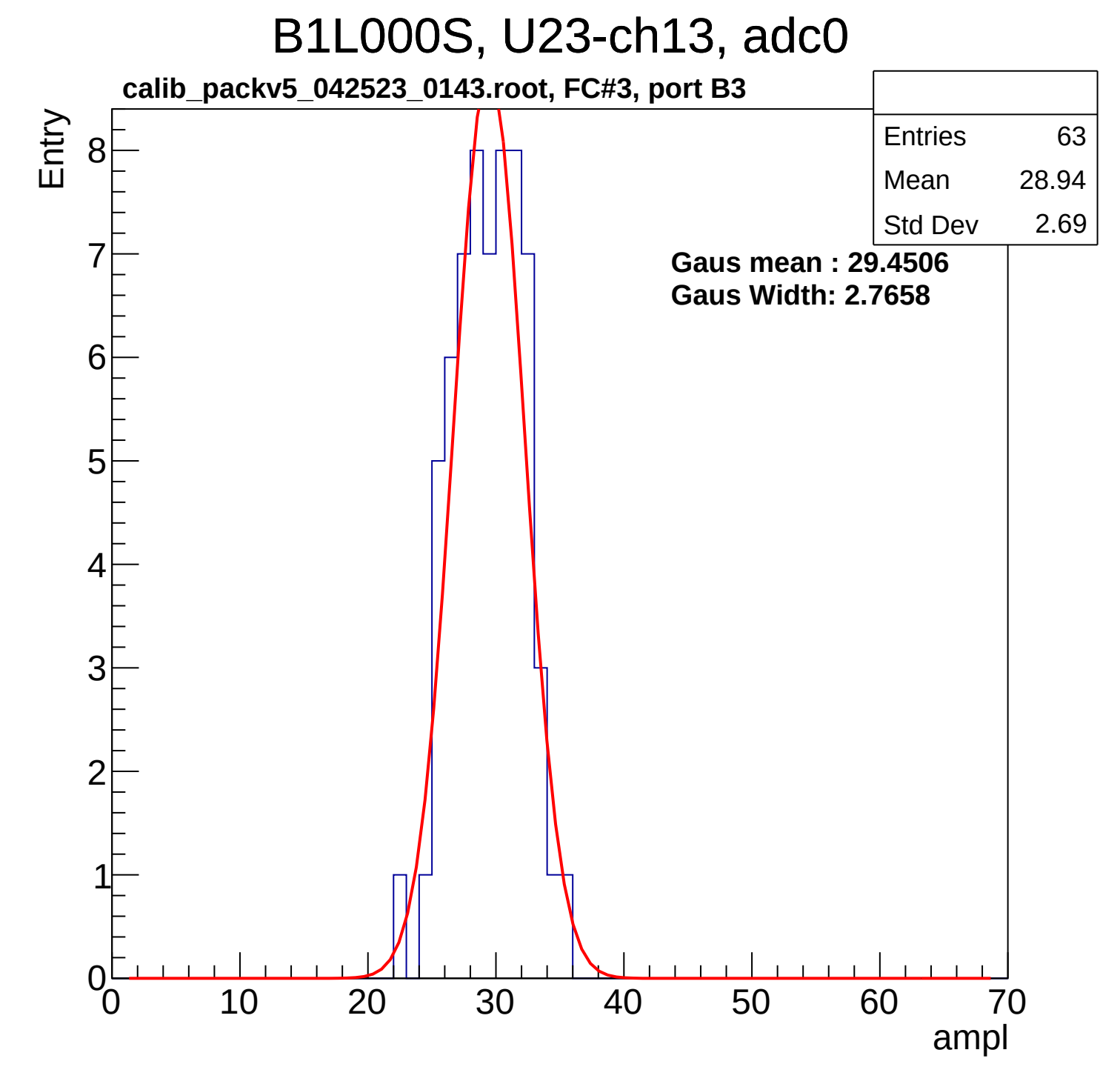

B1L000S, U23-ch12, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.12
Std Dev 3.13
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

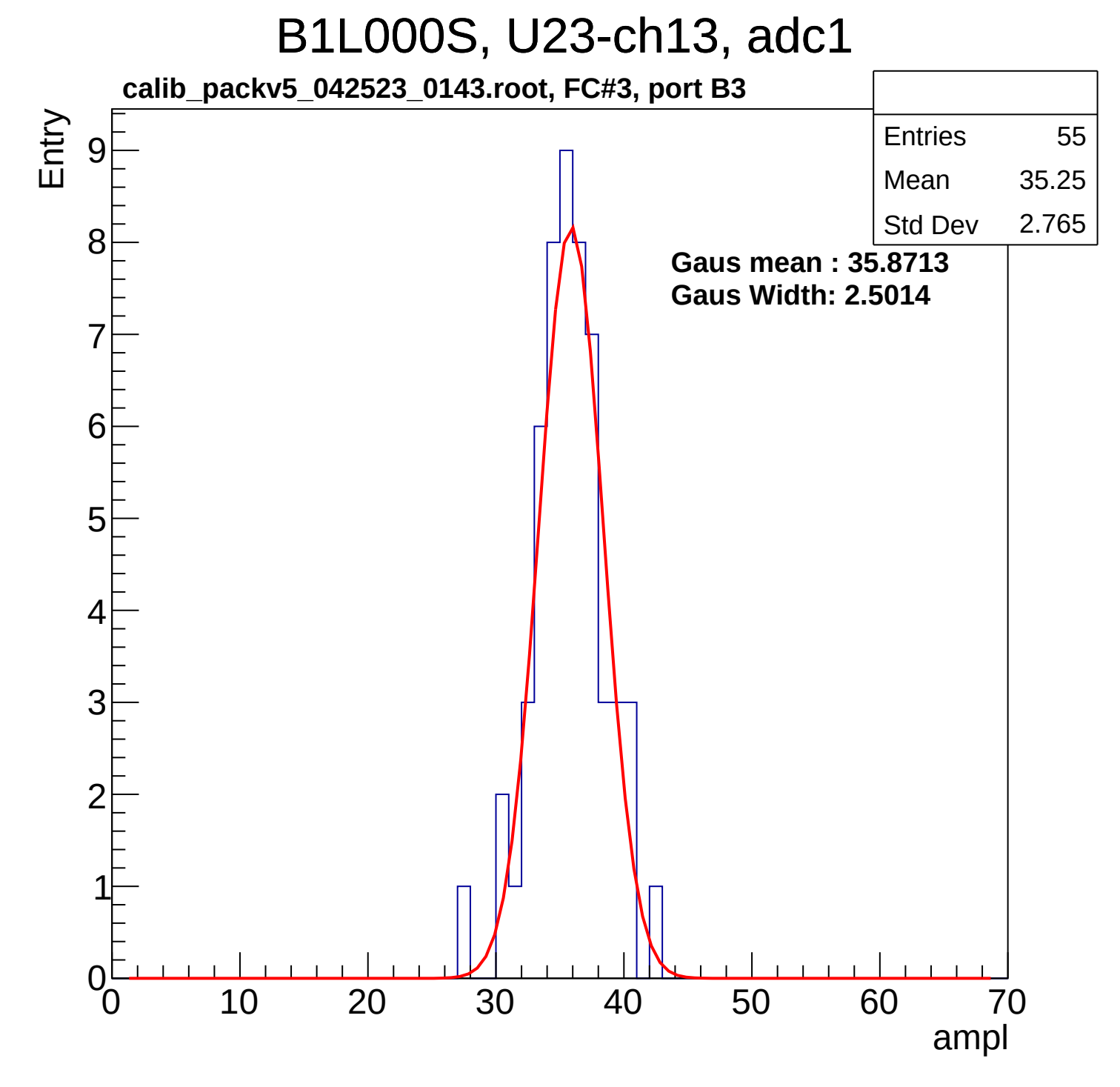

B1L000S, U23-ch12, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 55.09
Std Dev 3.134
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

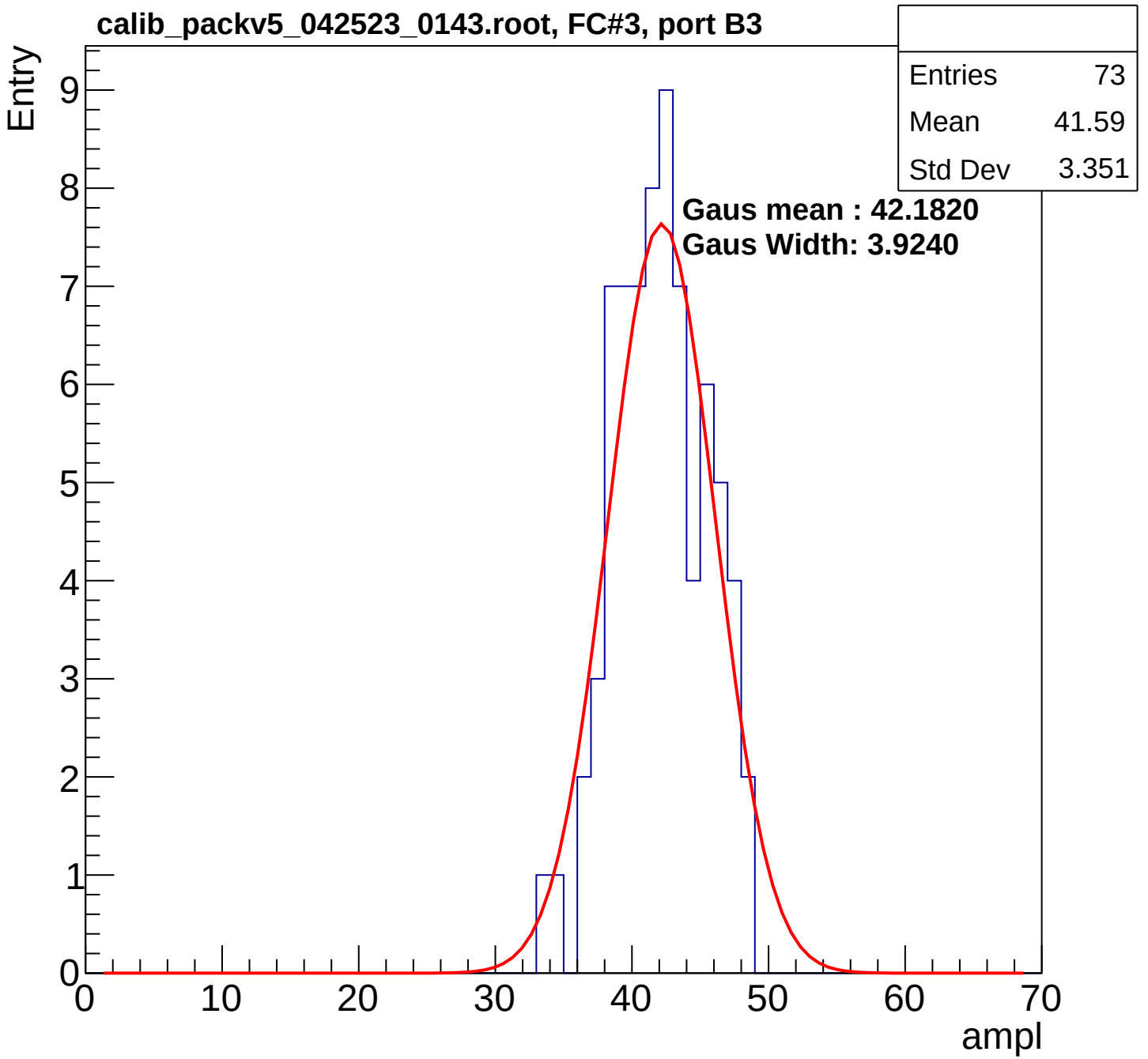

B1L000S, U23-ch12, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.58
Std Dev 9.277
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch12, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.25
Std Dev 0.6614
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch12, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch13, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.94
Std Dev 2.69
Gaus mean : 29.4506
Gaus Width: 2.7658
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch13, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 35.25
Std Dev 2.765
Gaus mean : 35.8713
Gaus Width: 2.5014
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch13, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 41.59
Std Dev 3.351
Gaus mean : 42.1820
Gaus Width: 3.9240
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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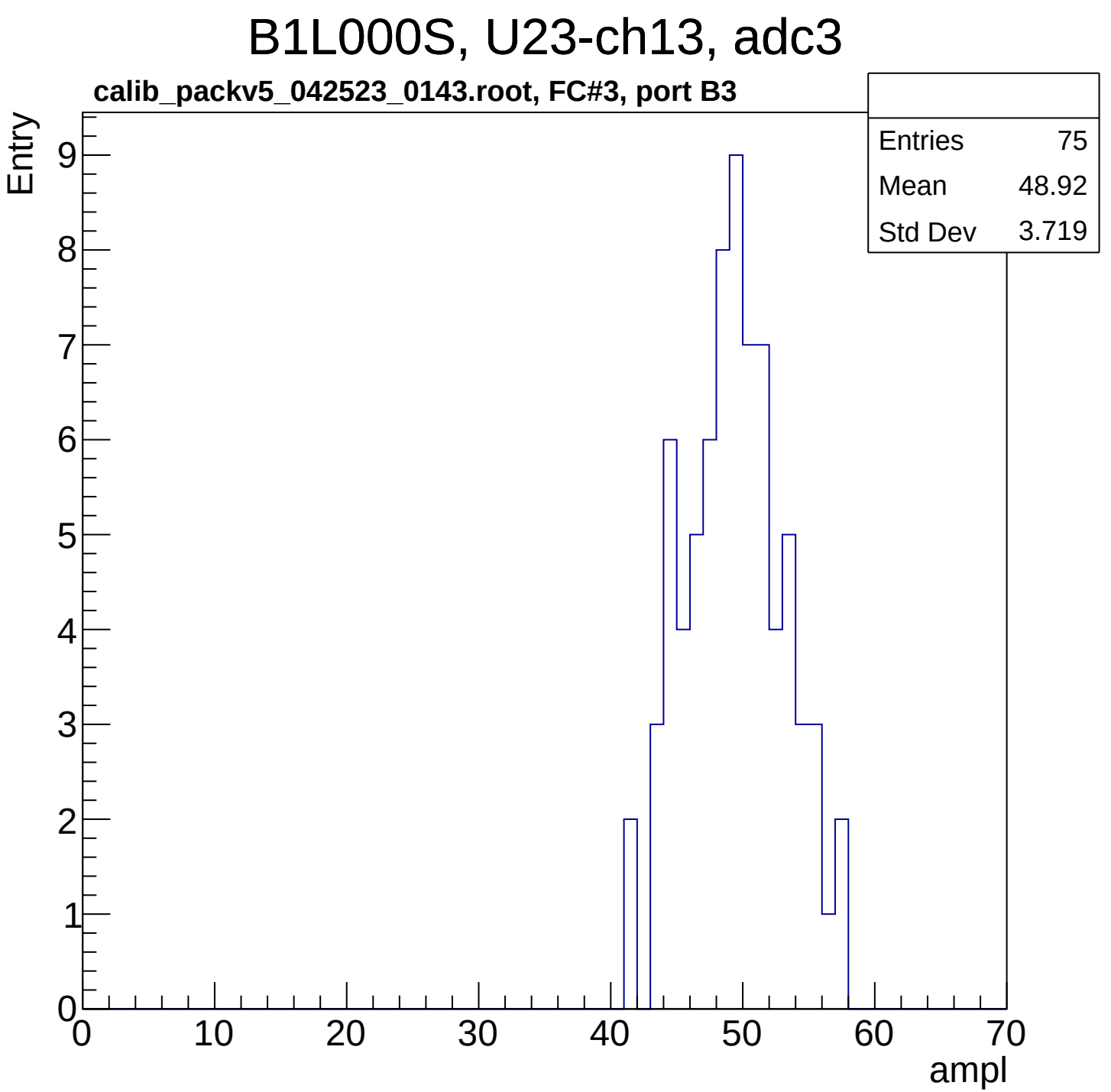
B1L000S, U23-ch13, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 48.92
Std Dev 3.719
Entry
ampl
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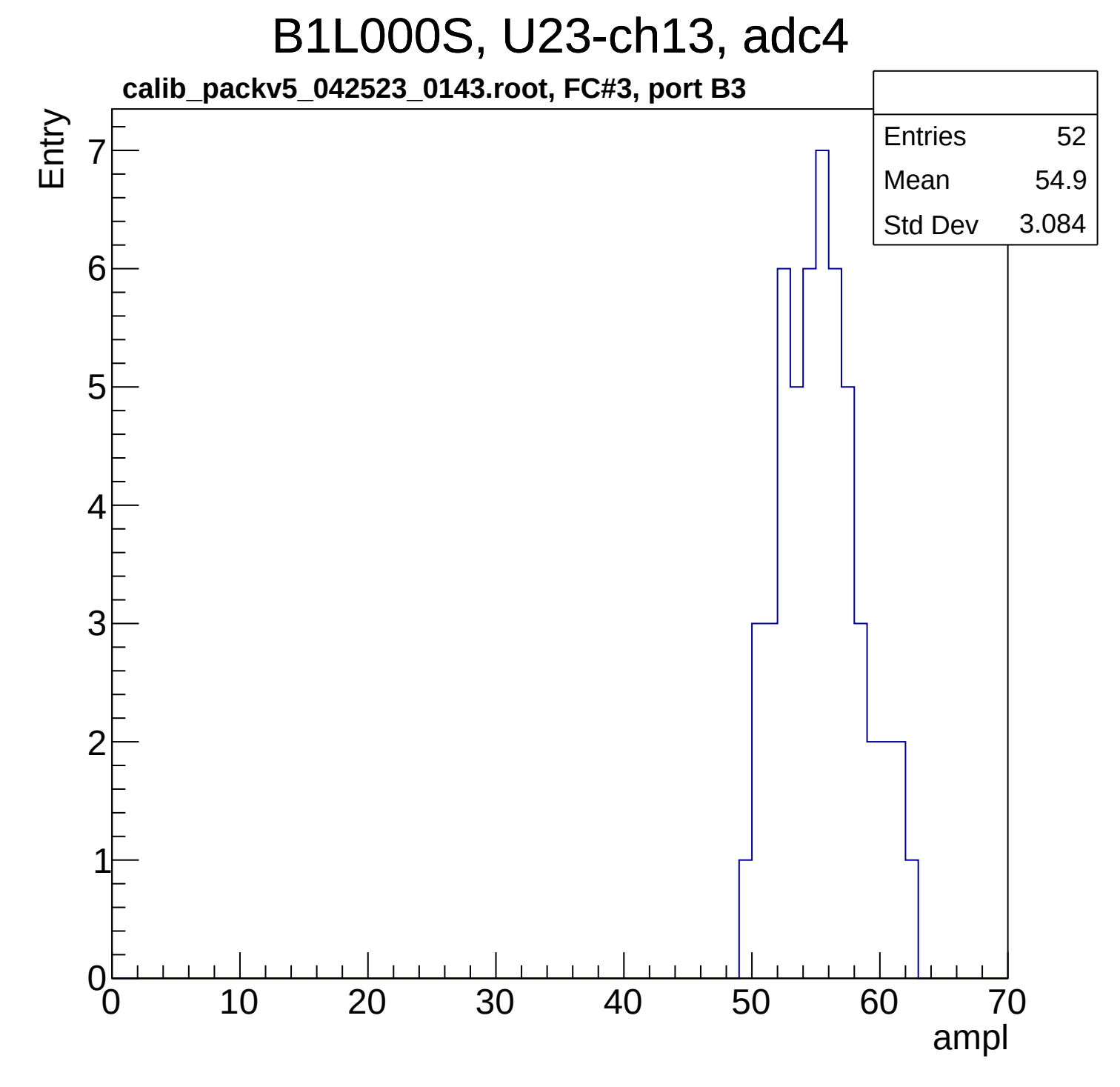
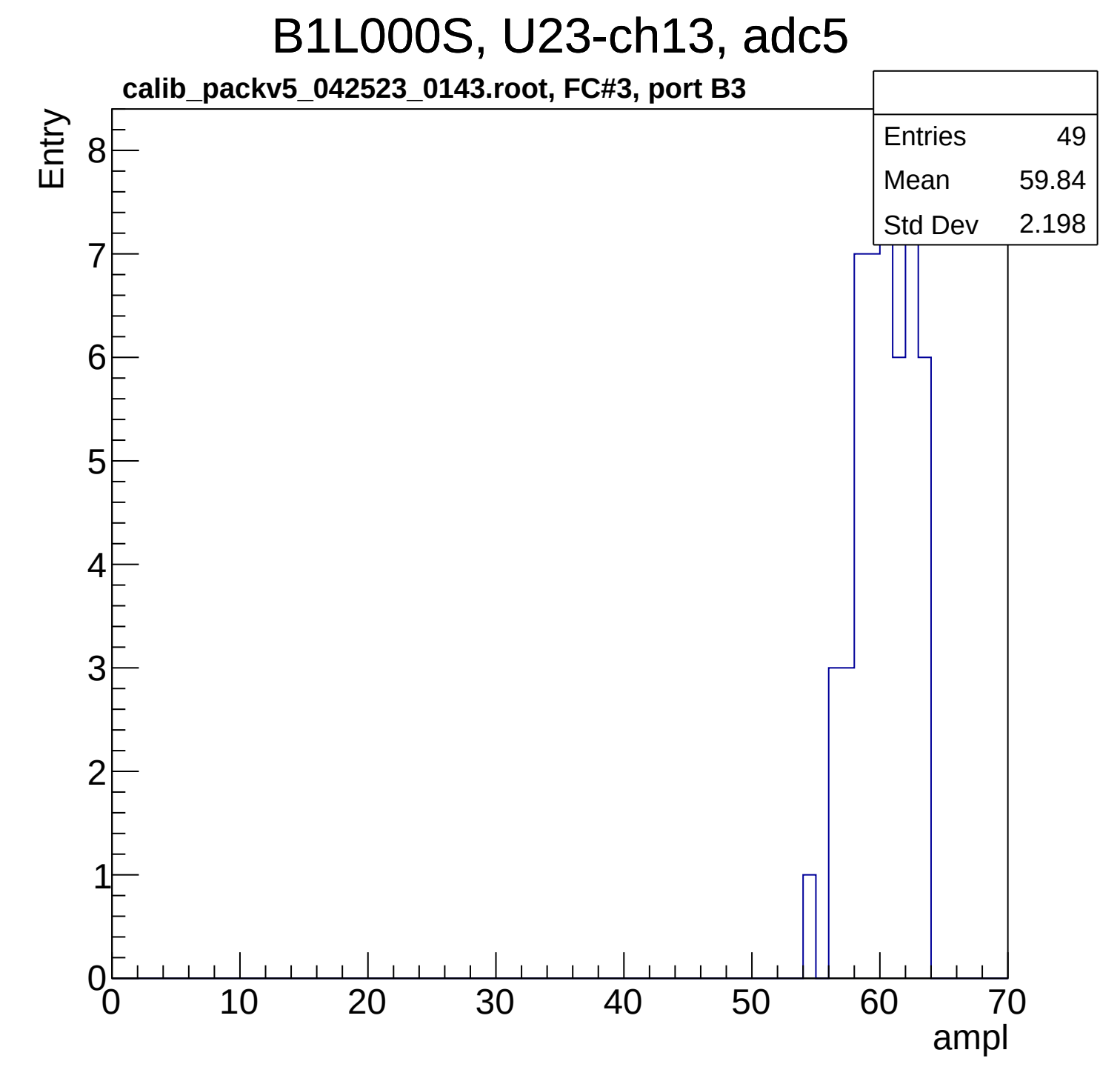
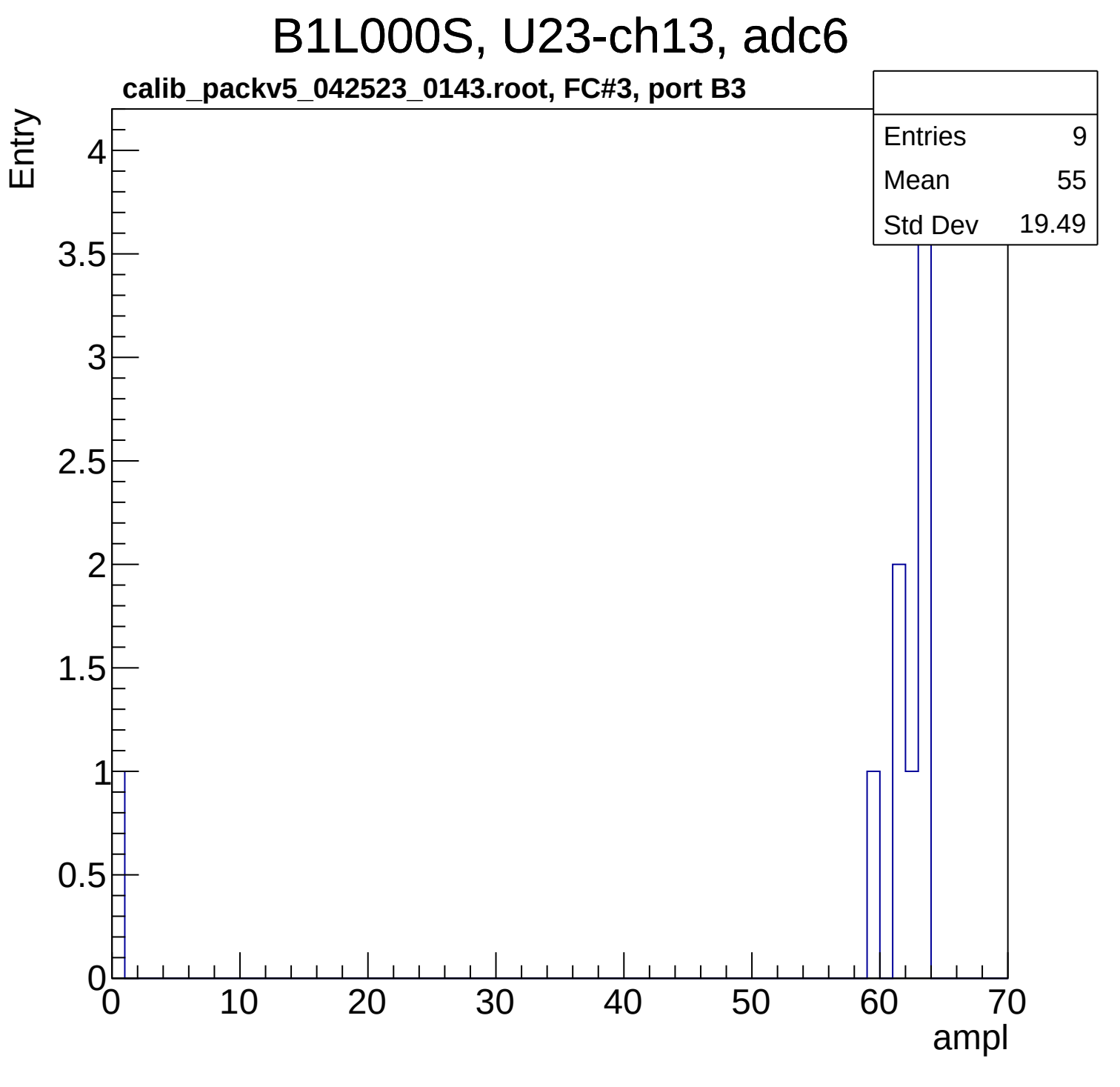
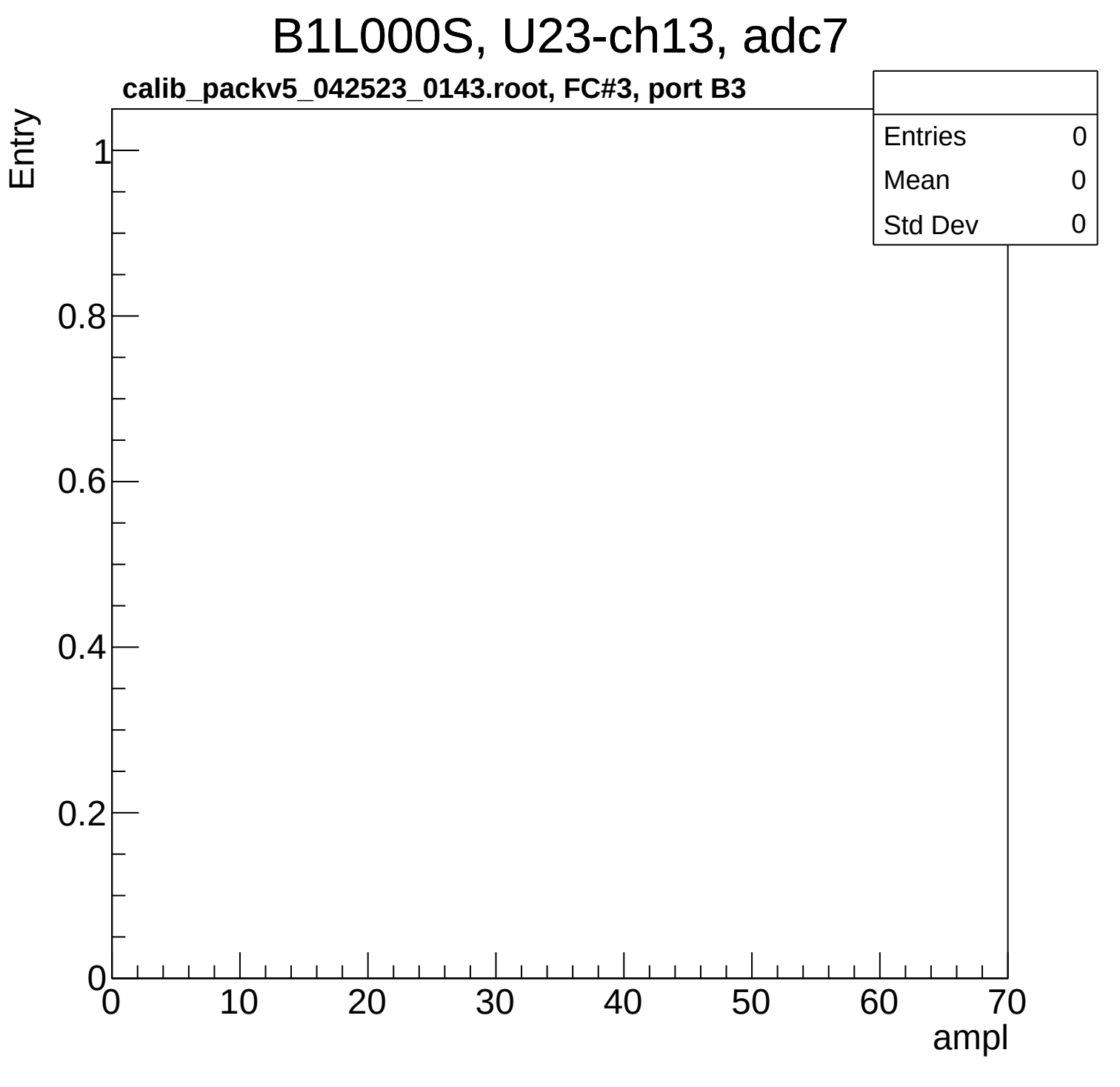
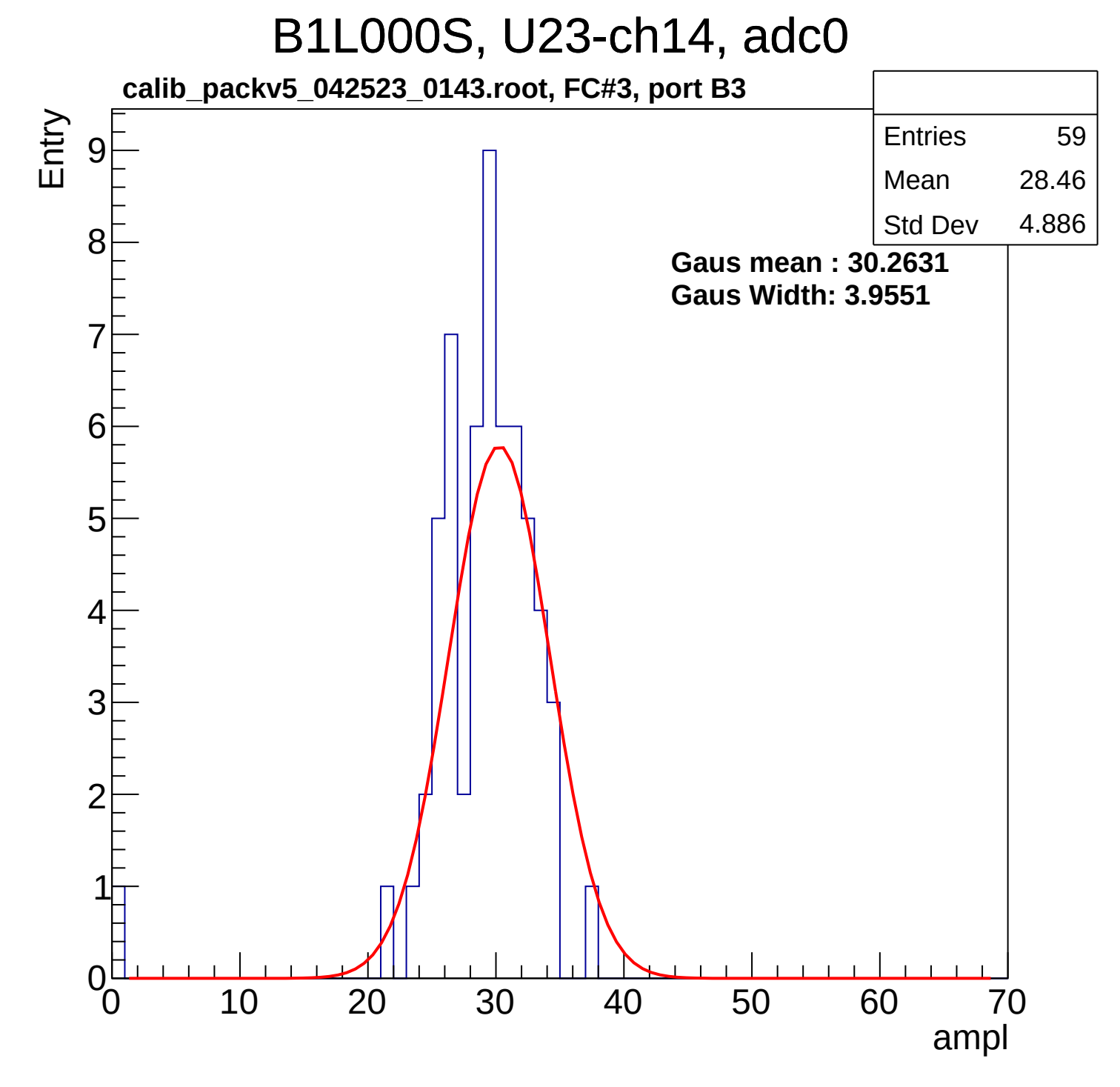
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch13, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 54.9
Std Dev 3.084
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch13, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.84
Std Dev 2.198
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch13, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55
Std Dev 19.49
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch13, 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, U23-ch14, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.46
Std Dev 4.886
Gaus mean : 30.2631
Gaus Width: 3.9551
Entry
ampl
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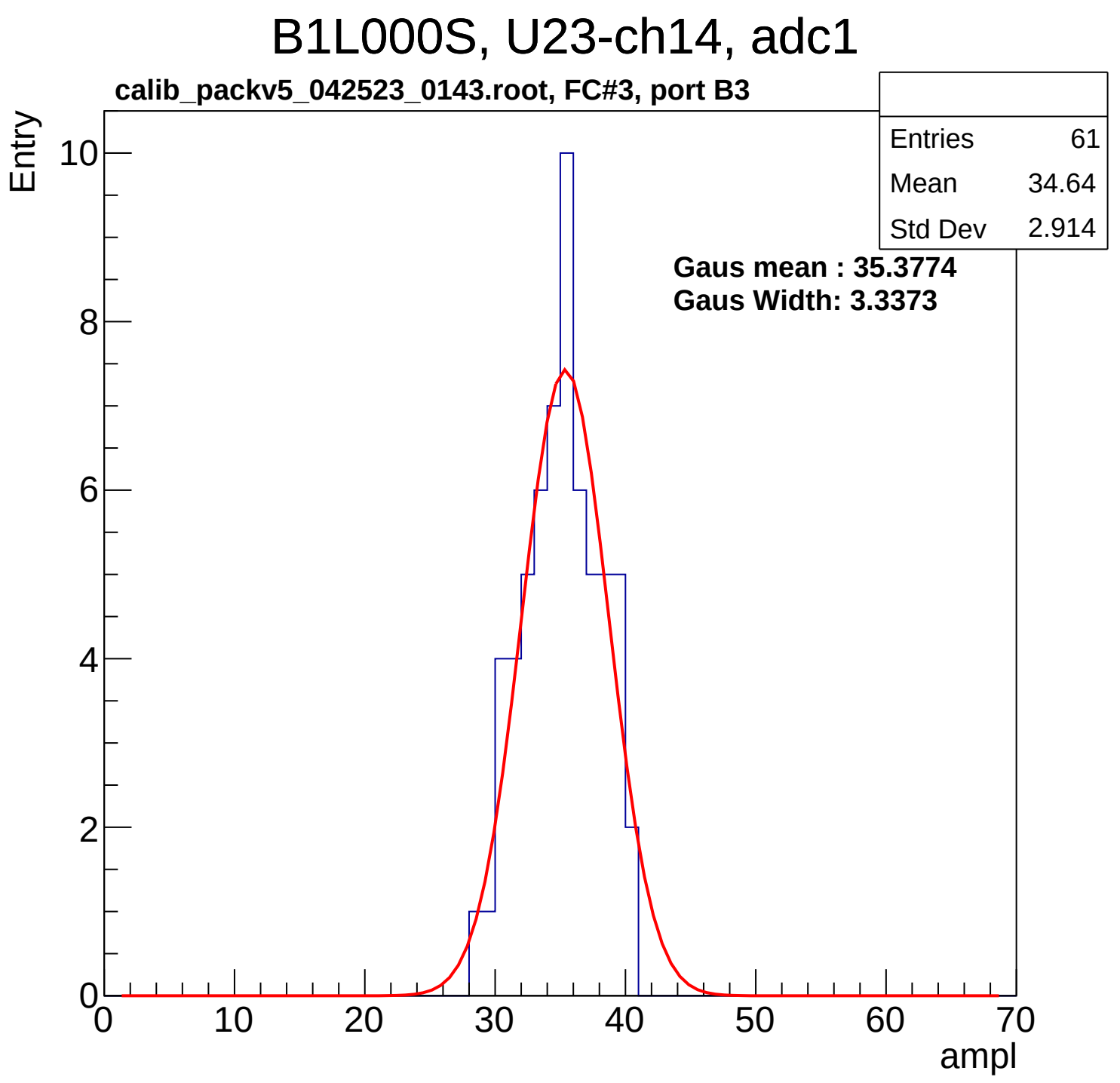
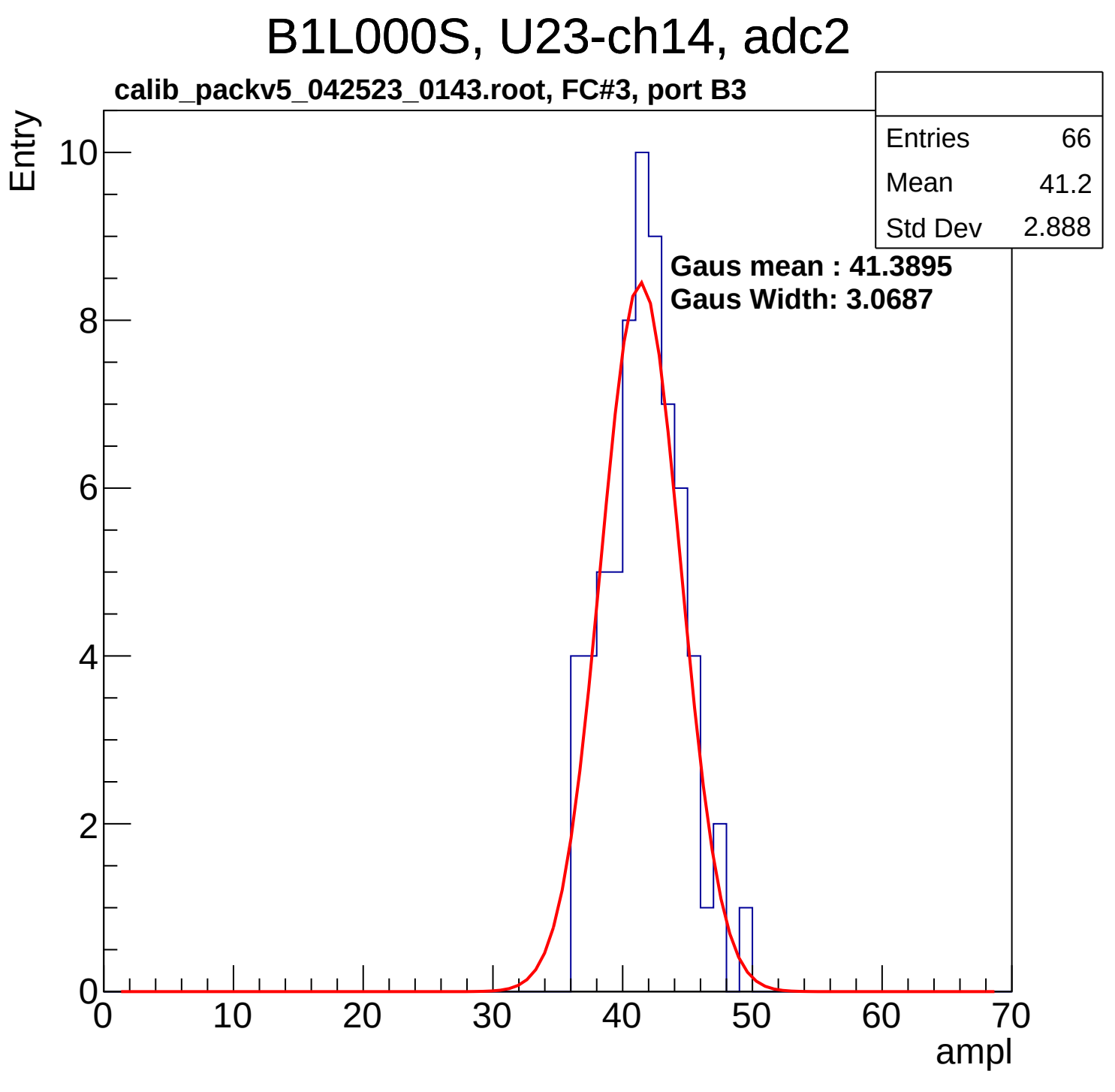
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch14, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 34.64
Std Dev 2.914
Gaus mean : 35.3774
Gaus Width: 3.3373
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch14, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 41.2
Std Dev 2.888
Gaus mean : 41.3895
Gaus Width: 3.0687
Entry
ampl
0
2
4
6
8
10
0
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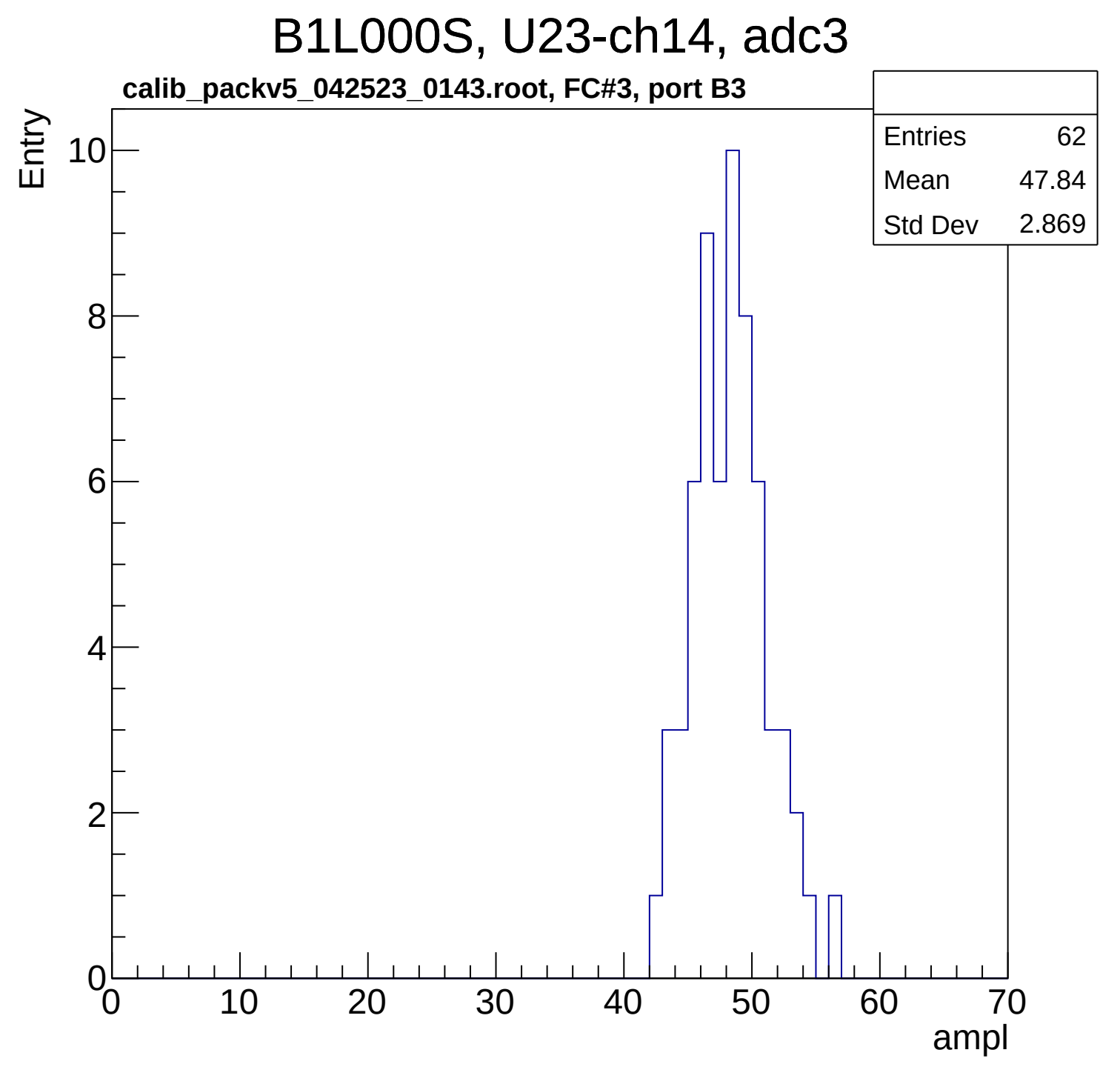
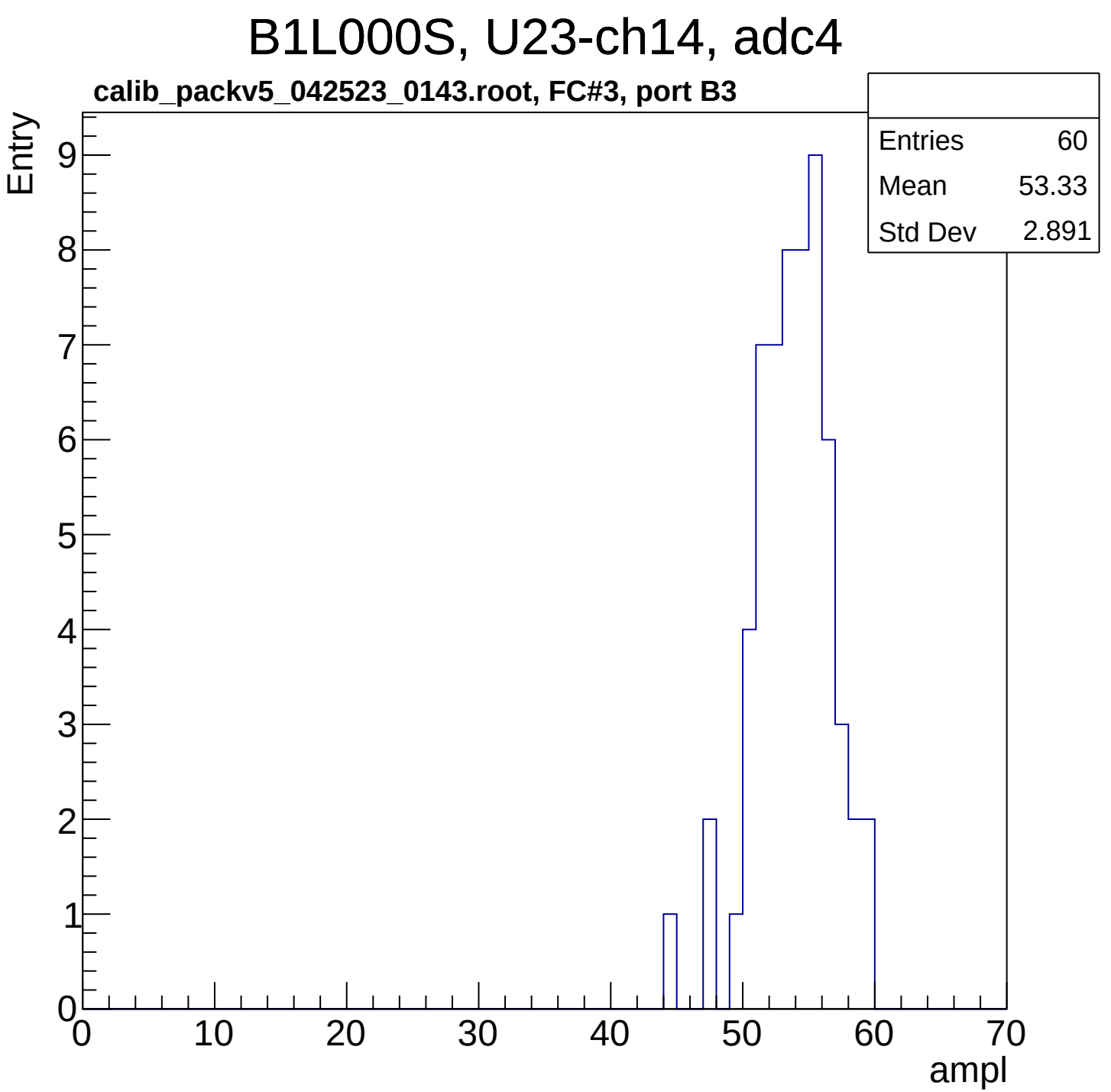
20
30
40
50
60
70


B1L000S, U23-ch14, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 47.84
Std Dev 2.869
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch14, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 53.33
Std Dev 2.891
Entry
ampl
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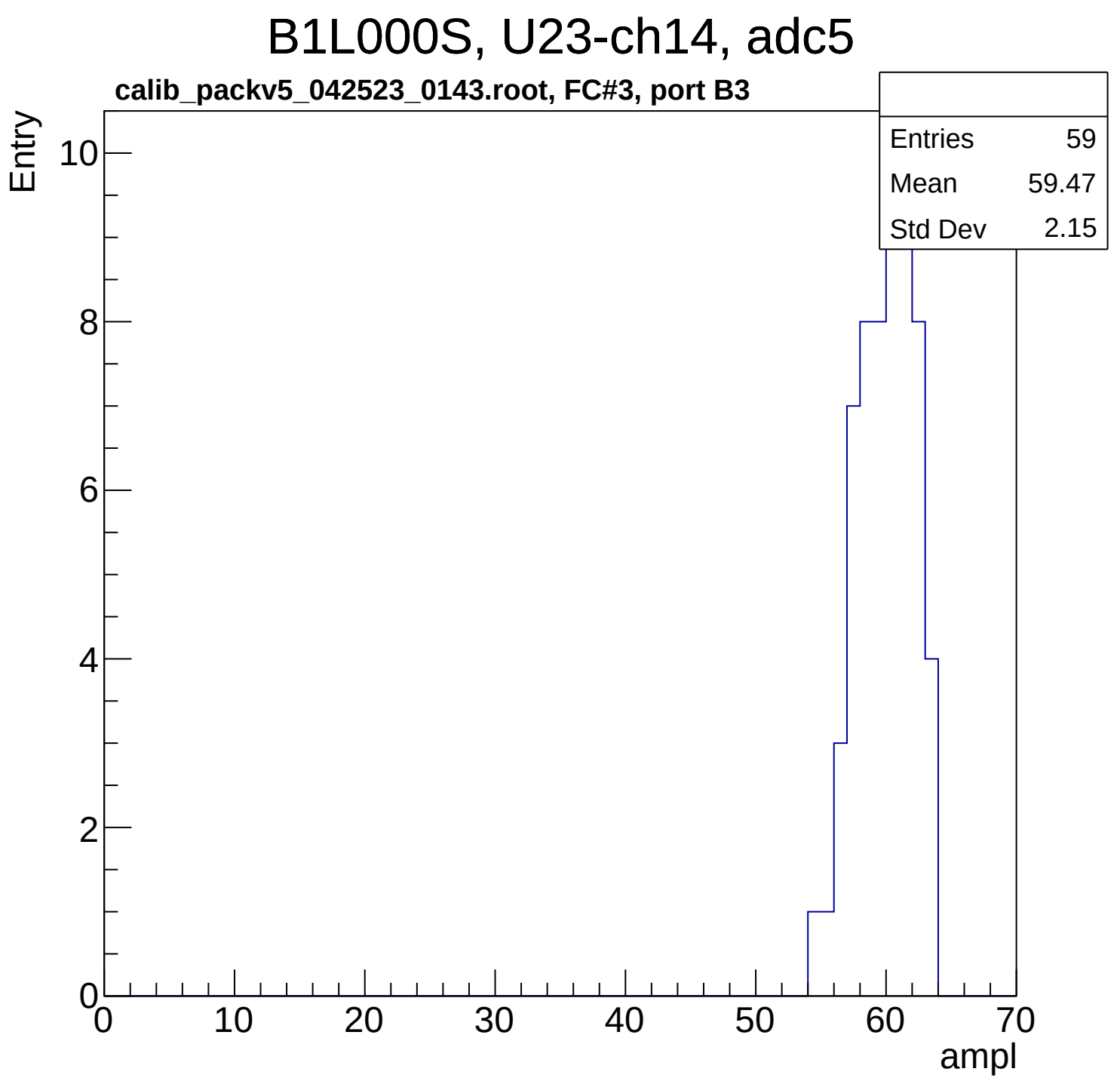
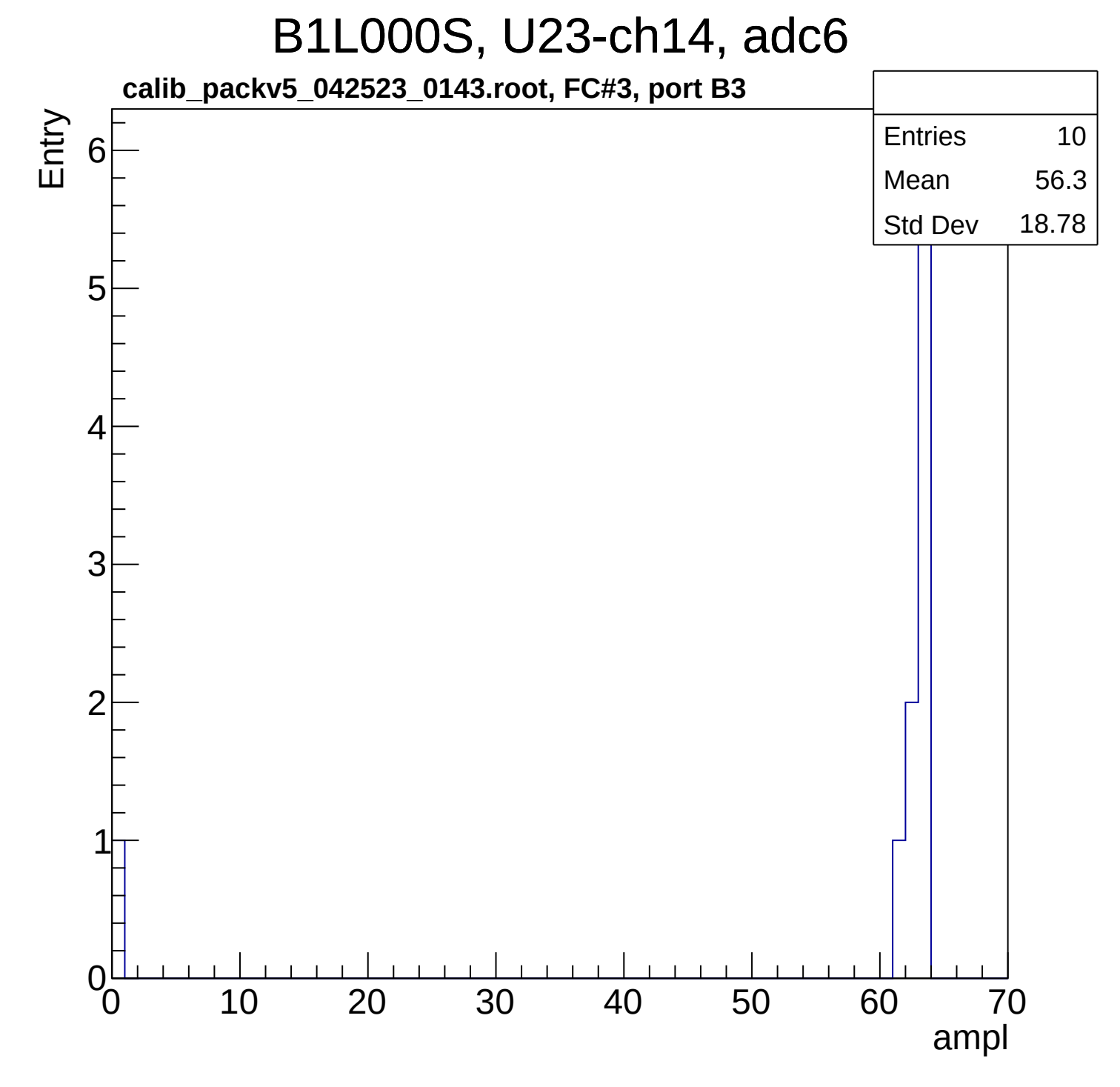
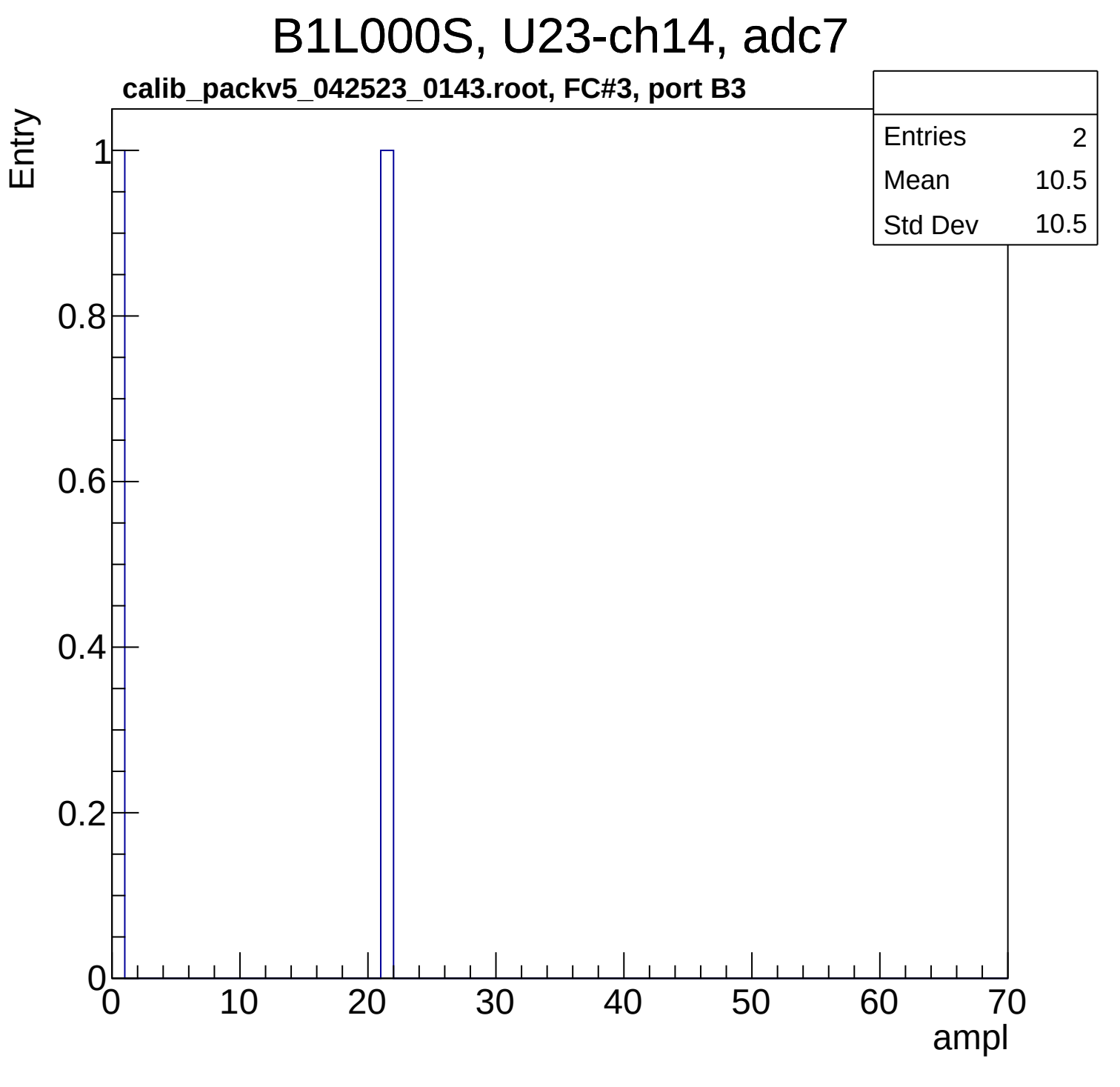
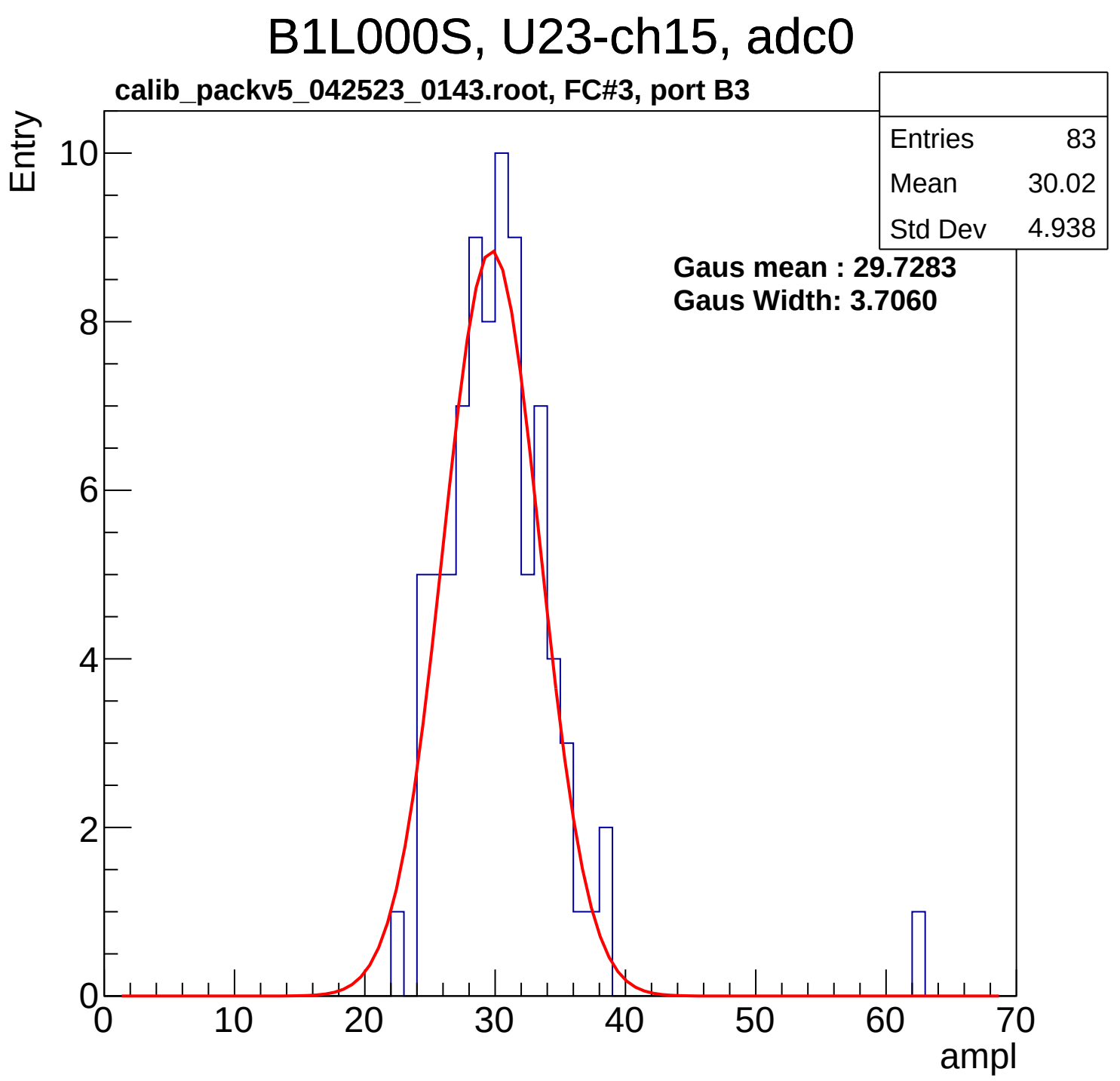
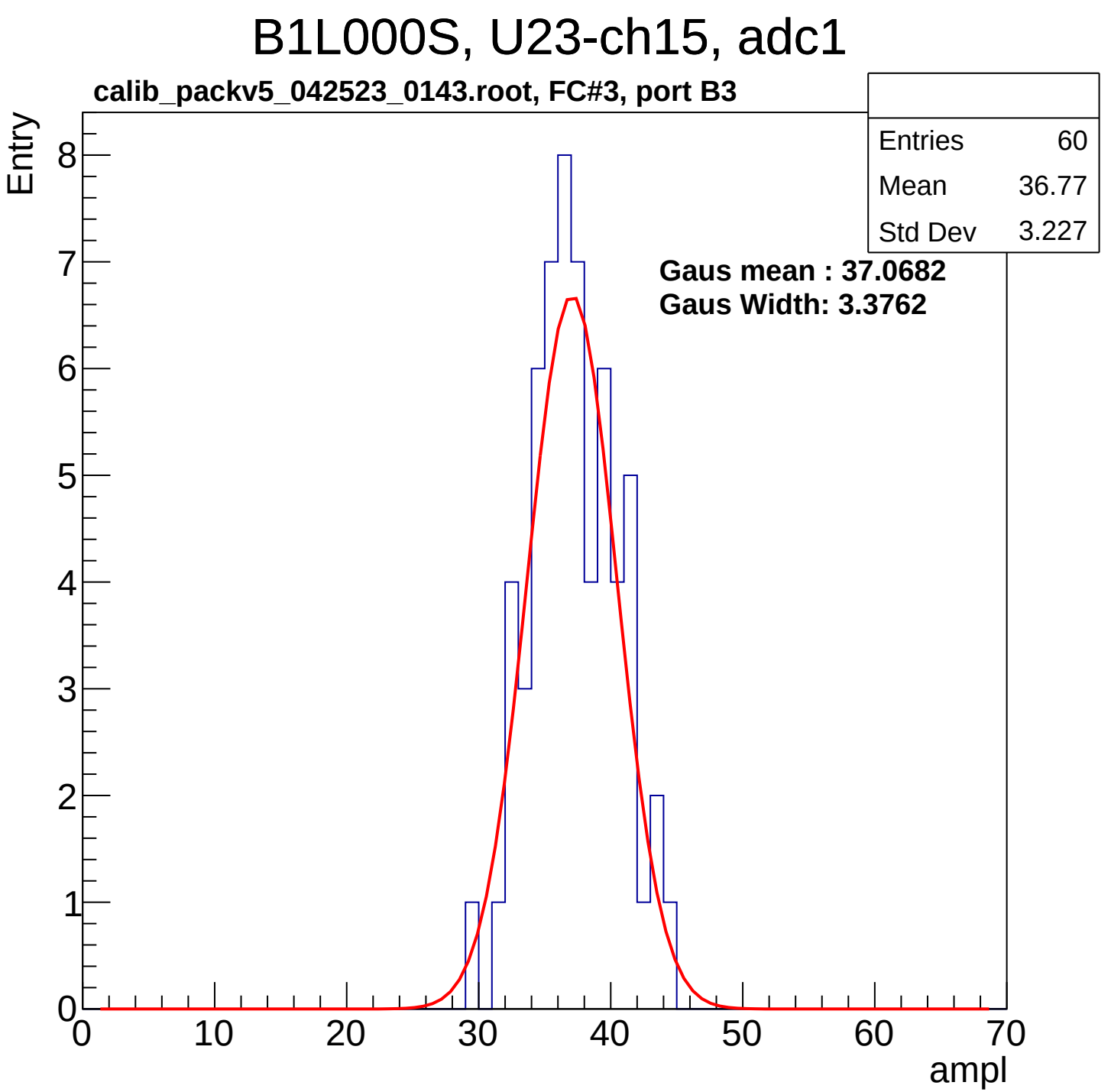
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch14, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 59.47
Std Dev 2.15
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch14, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 56.3
Std Dev 18.78
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch14, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch15, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 30.02
Std Dev 4.938
Gaus mean : 29.7283
Gaus Width: 3.7060
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch15, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 36.77
Std Dev 3.227
Gaus mean : 37.0682
Gaus Width: 3.3762
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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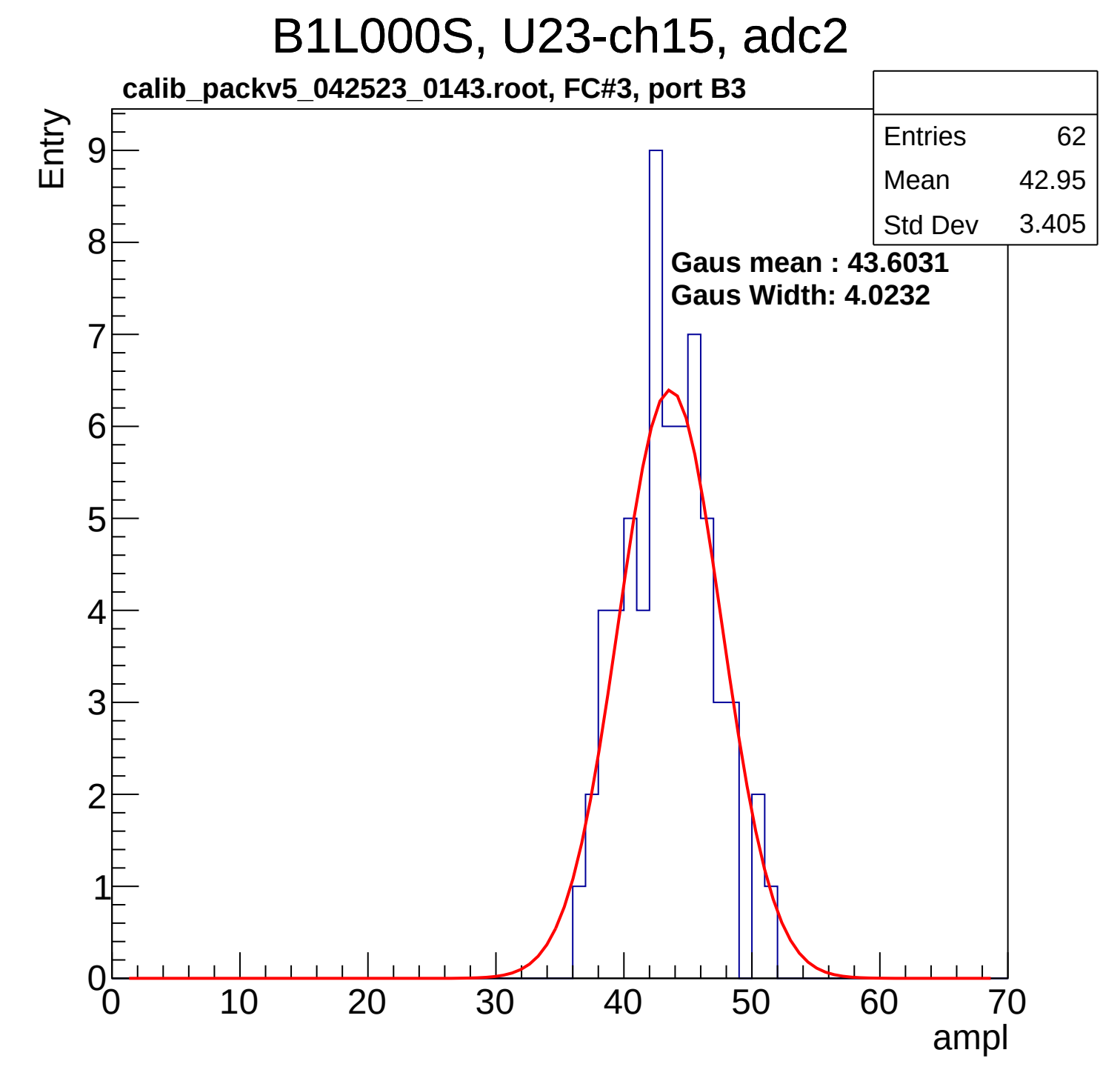
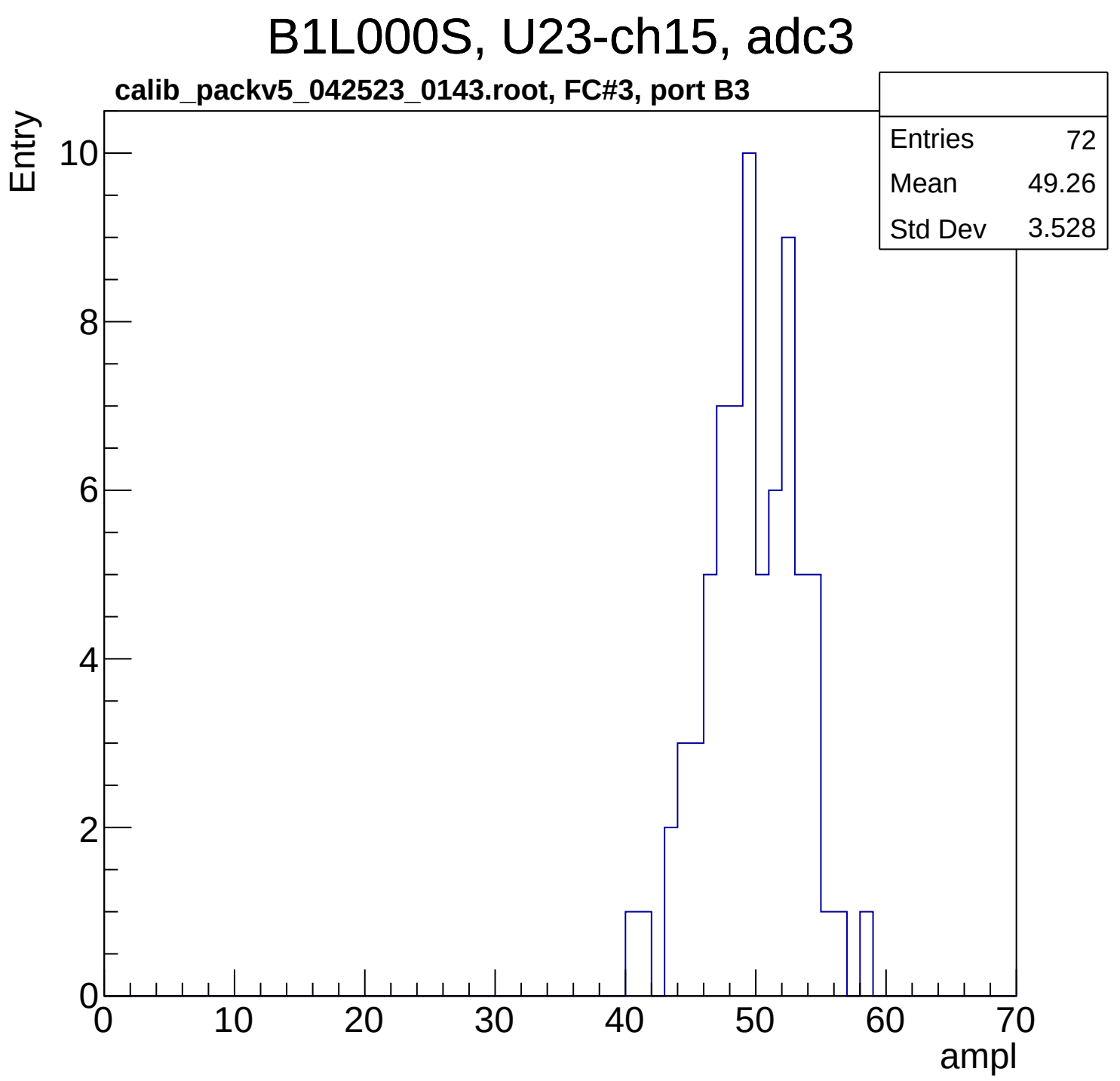
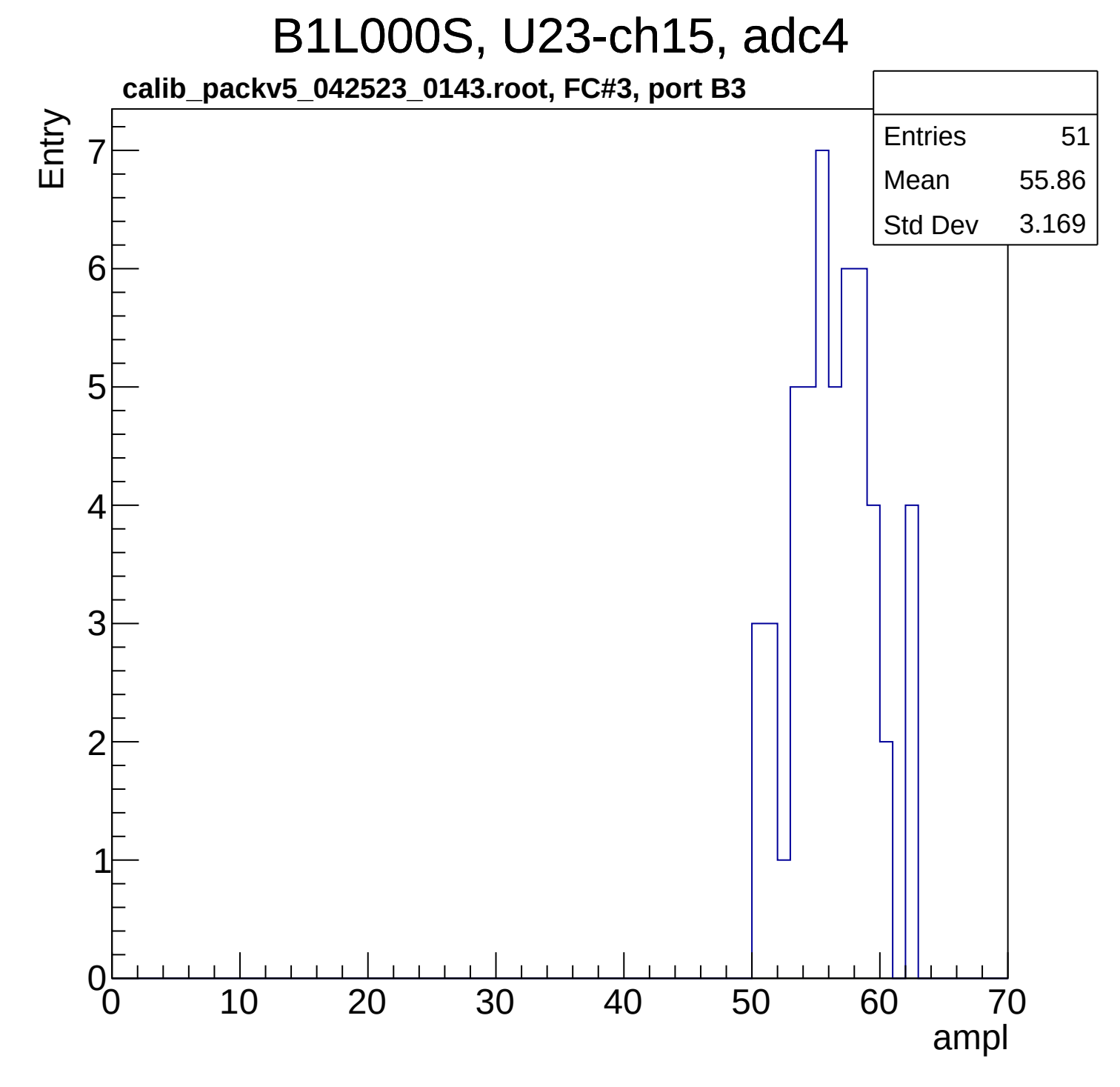

B1L000S, U23-ch15, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.95
Std Dev 3.405
Gaus mean : 43.6031
Gaus Width: 4.0232
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch15, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 49.26
Std Dev 3.528
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch15, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.86
Std Dev 3.169
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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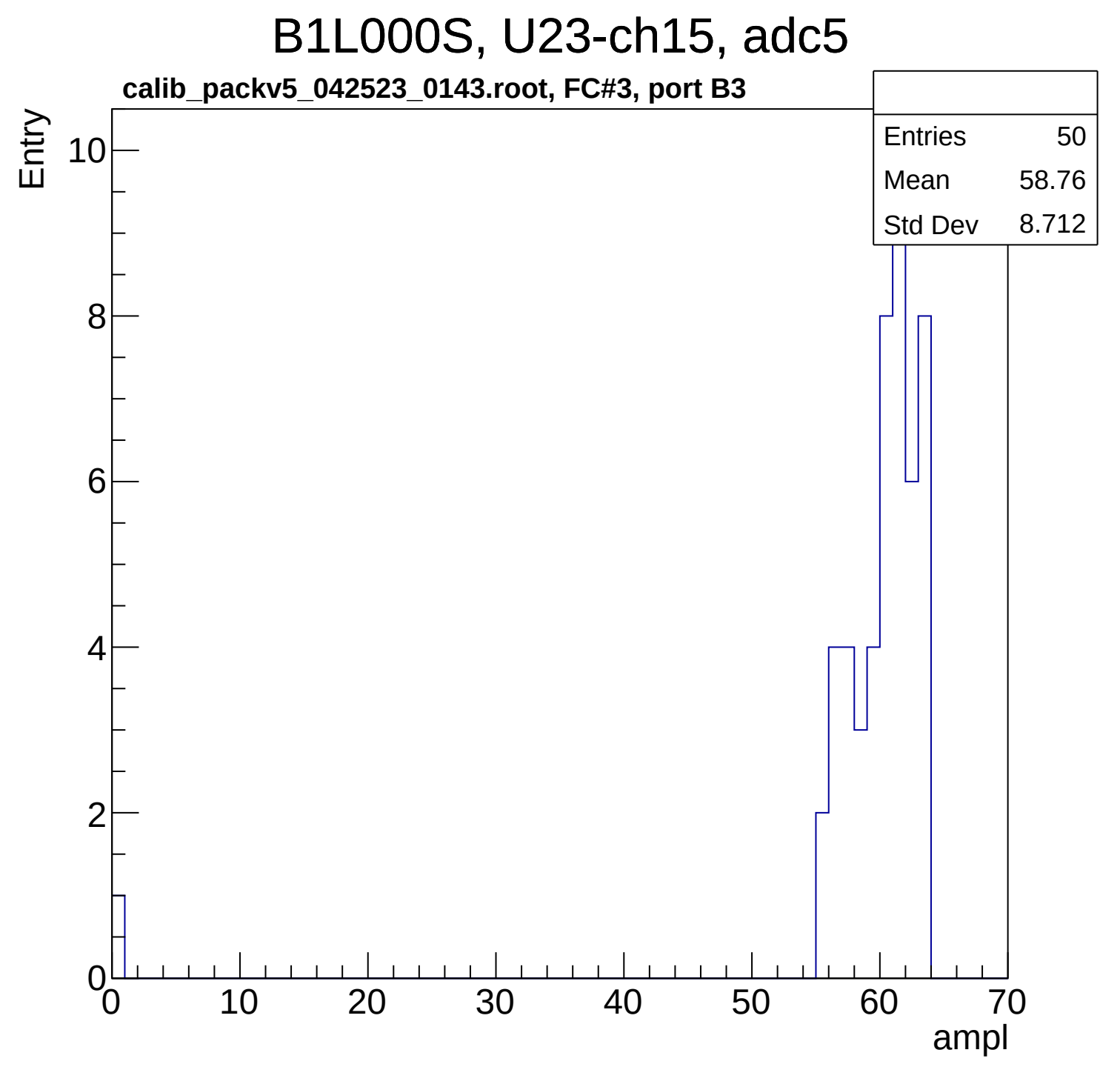
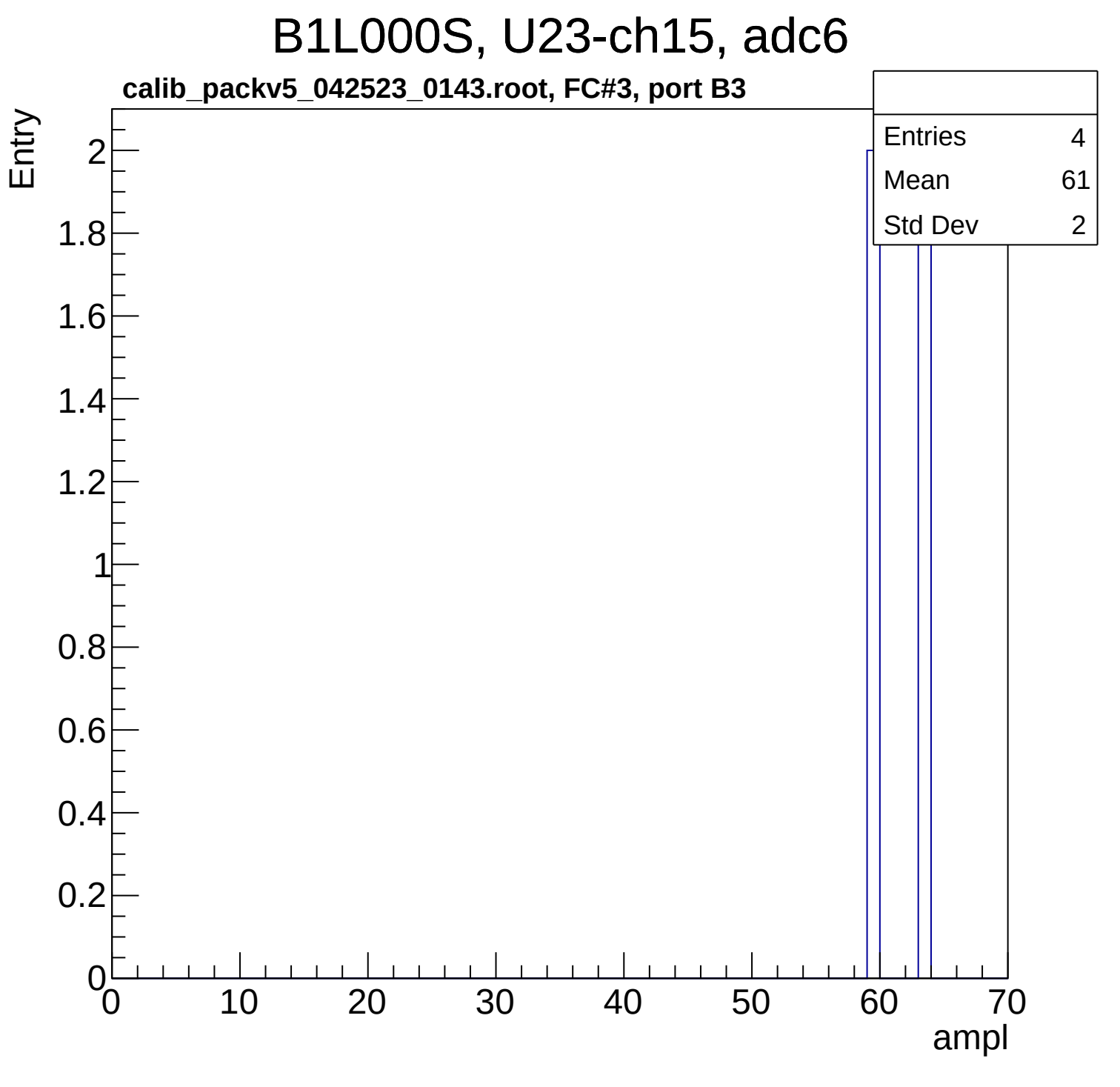
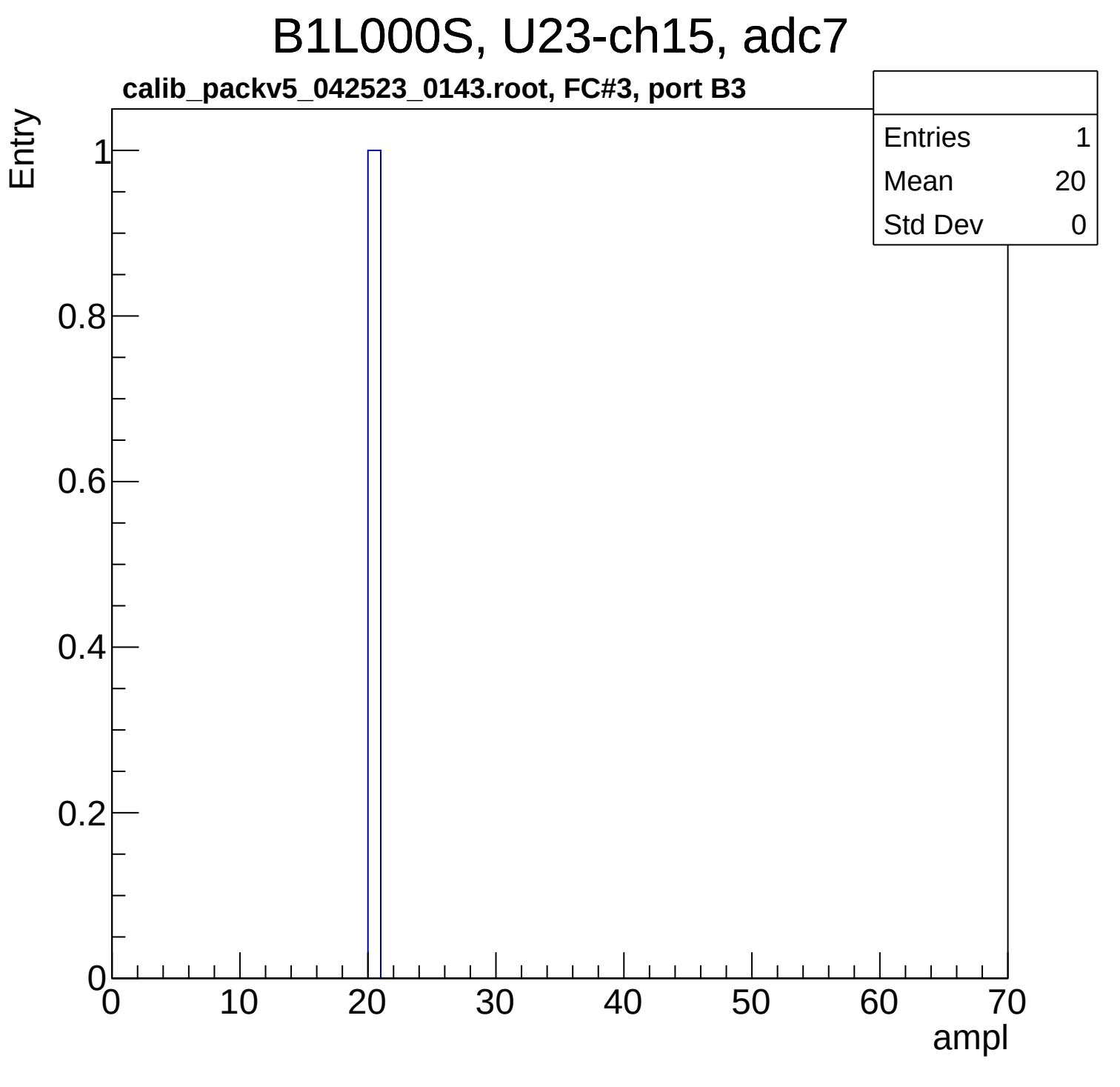
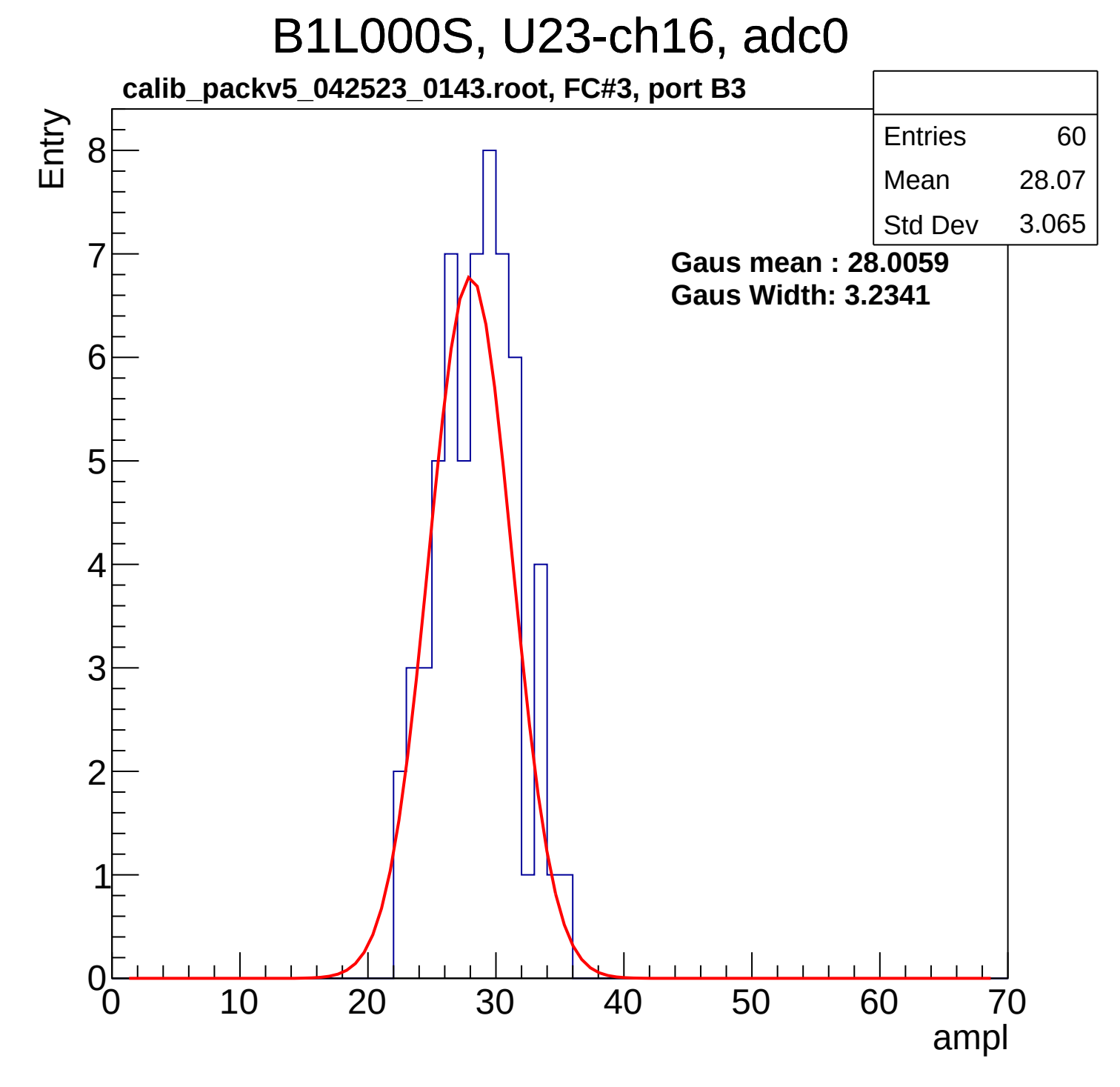
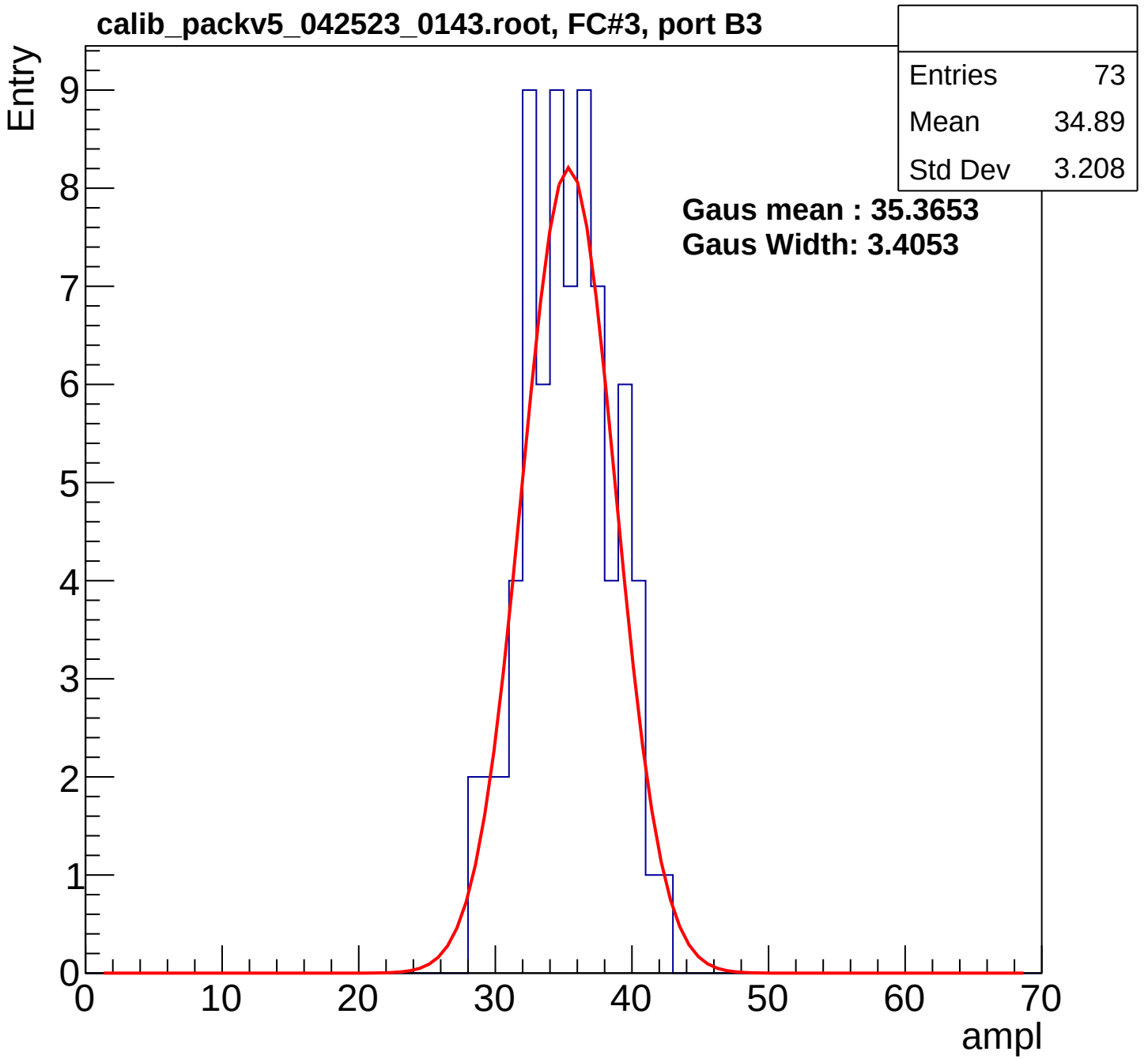
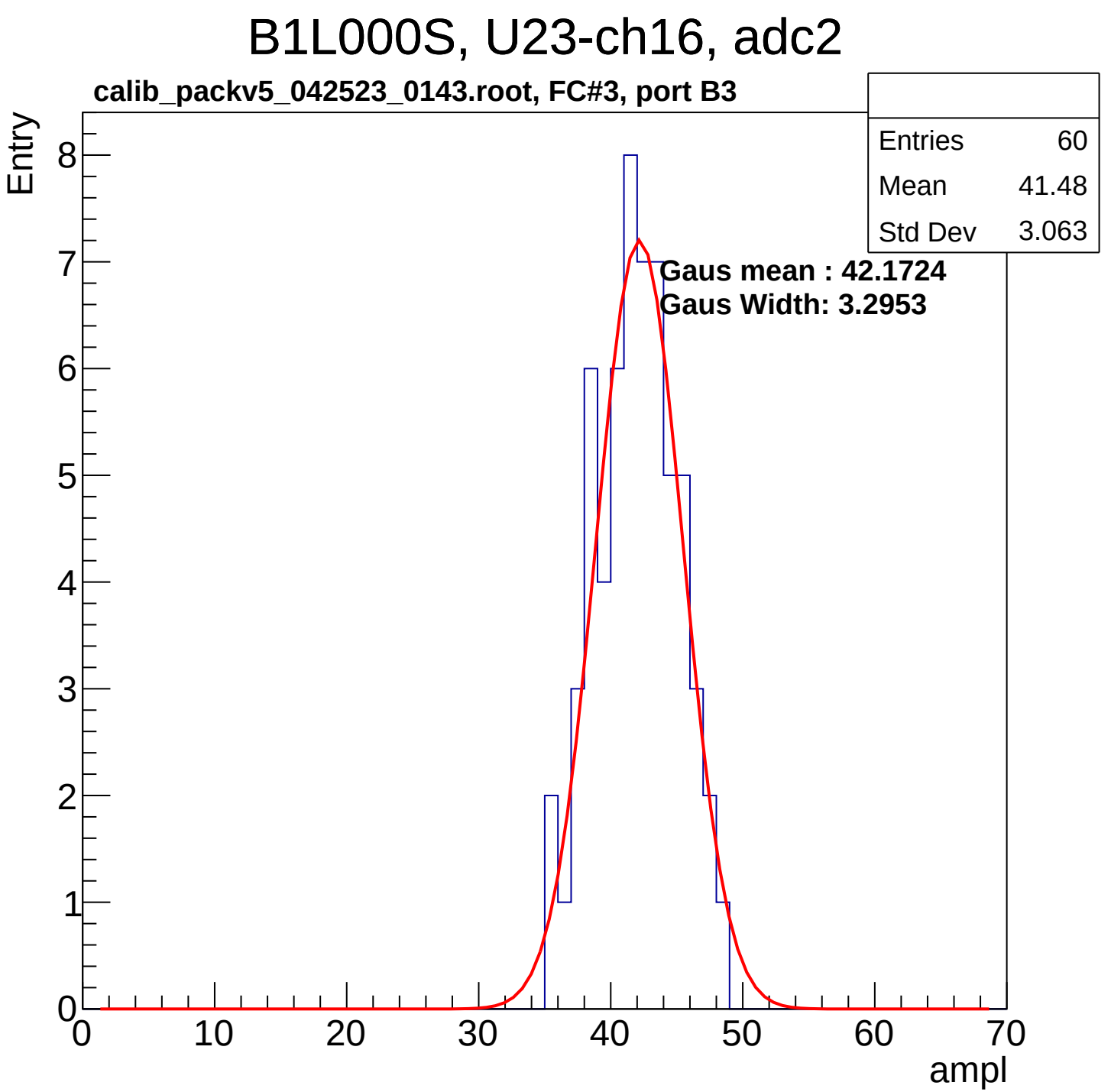

B1L000S, U23-ch15, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.76
Std Dev 8.712
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

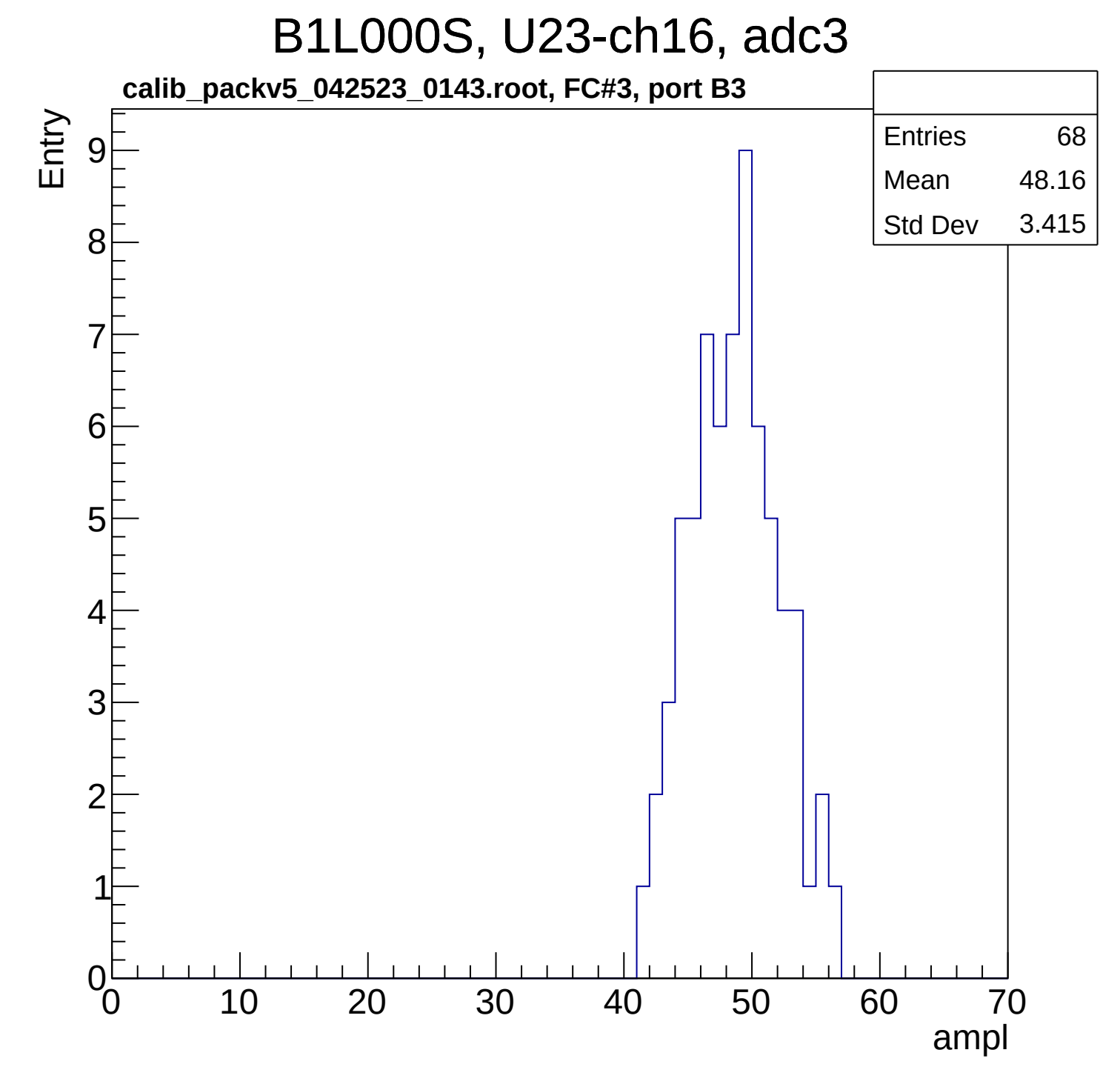

B1L000S, U23-ch15, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61
Std Dev 2
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

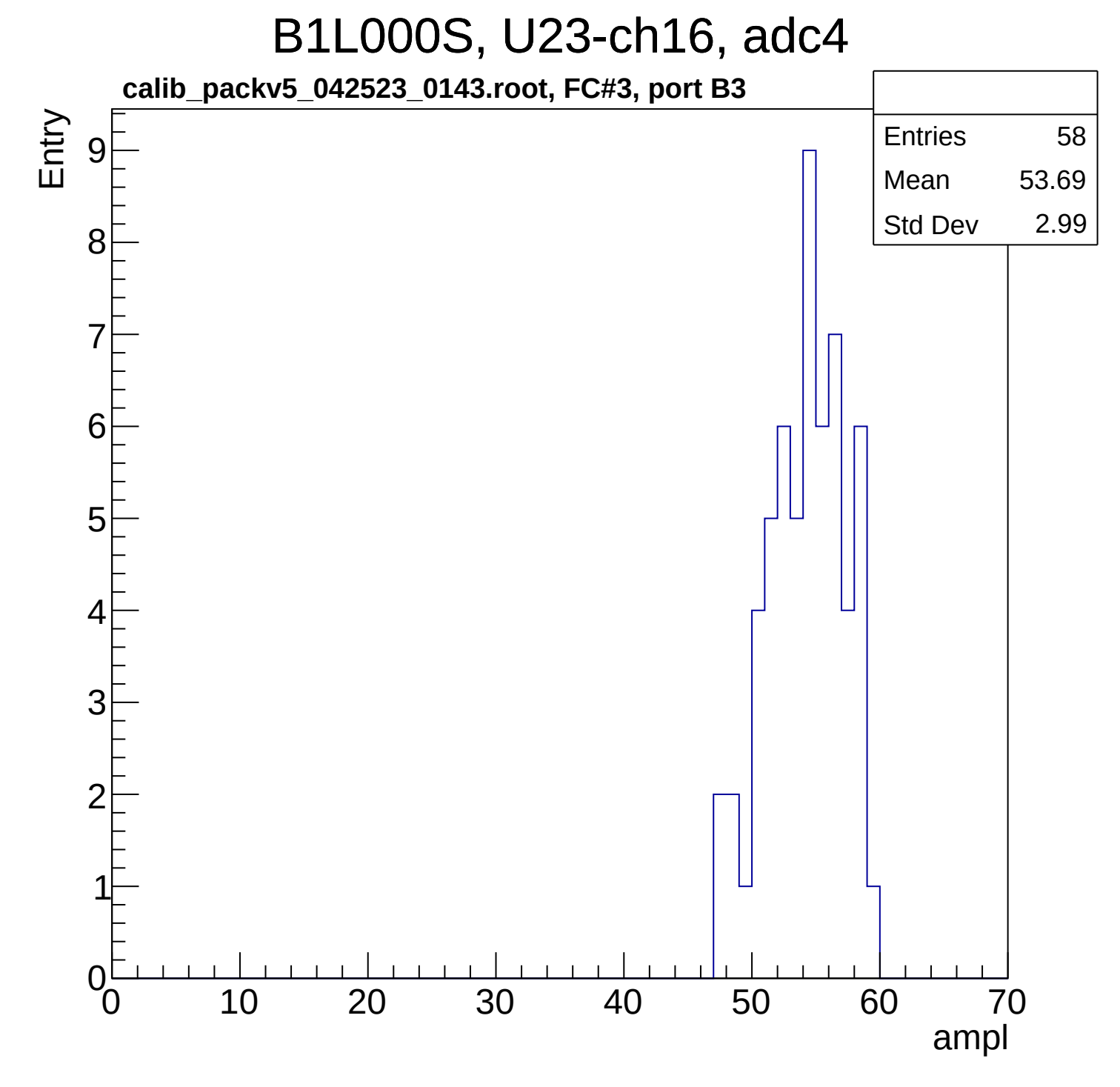

B1L000S, U23-ch15, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

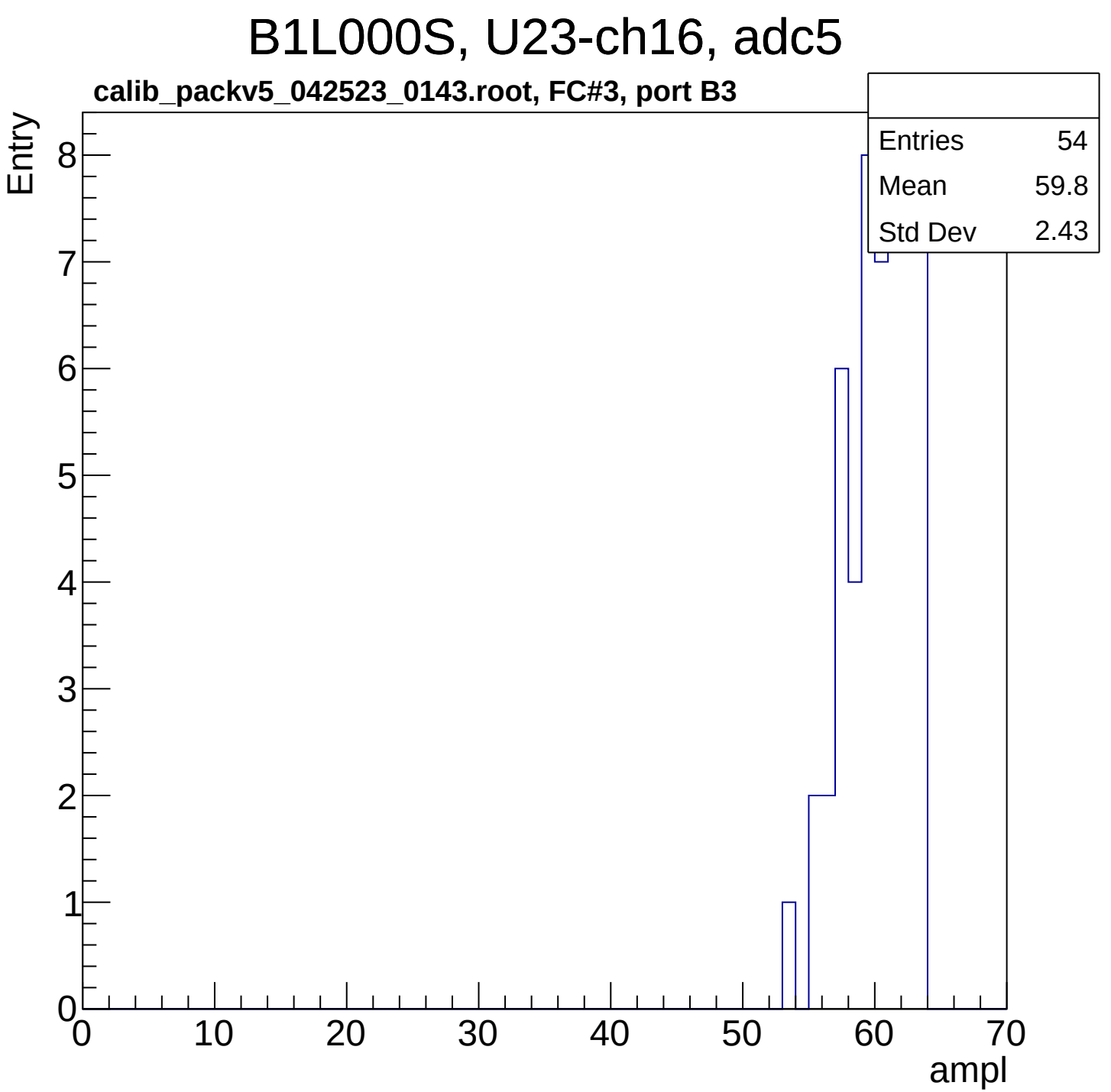

B1L000S, U23-ch16, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 28.07
Std Dev 3.065
Gaus mean : 28.0059
Gaus Width: 3.2341
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

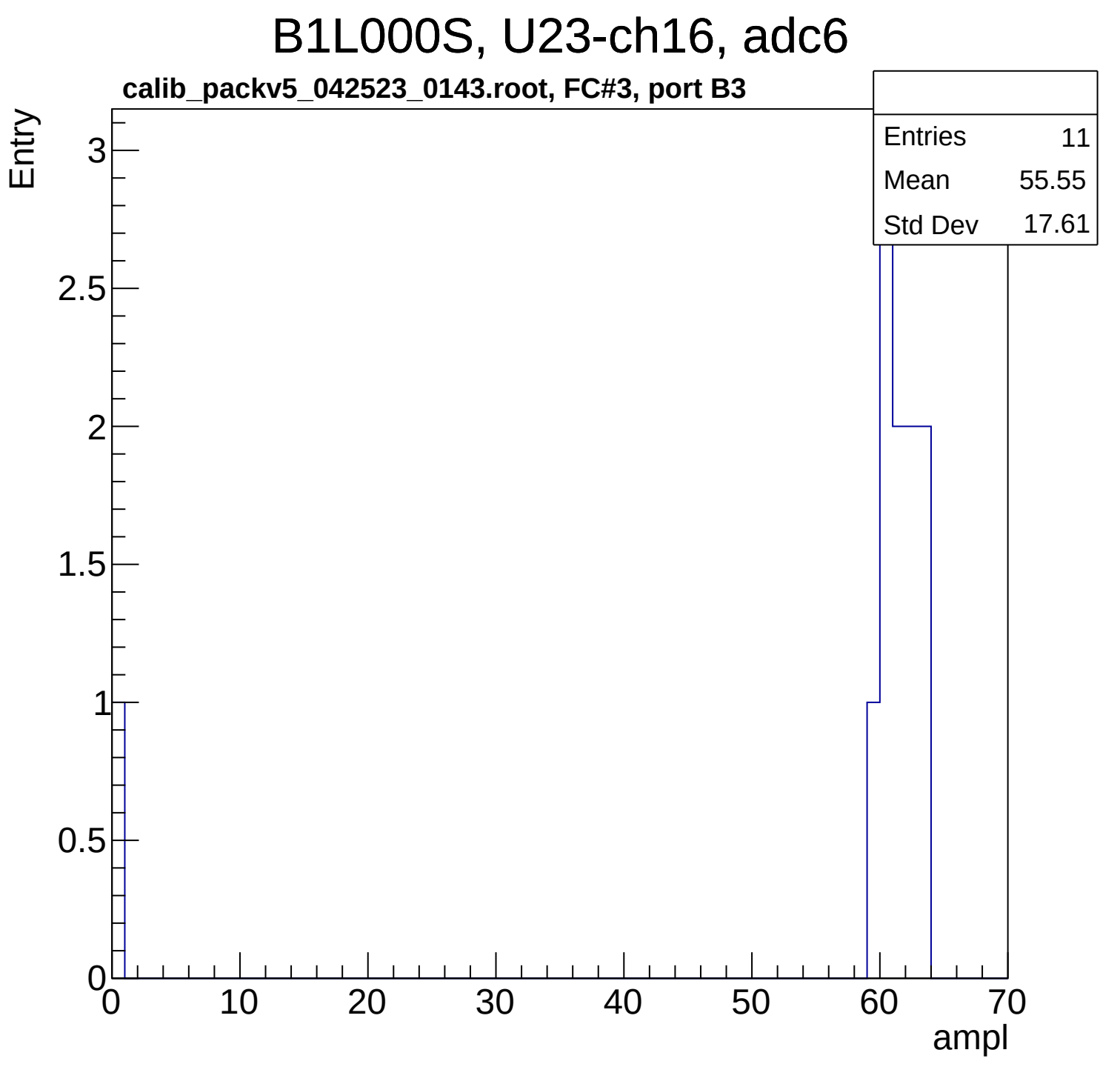

B1L000S, U23-ch16, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 34.89
Std Dev 3.208
Gaus mean : 35.3653
Gaus Width: 3.4053
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

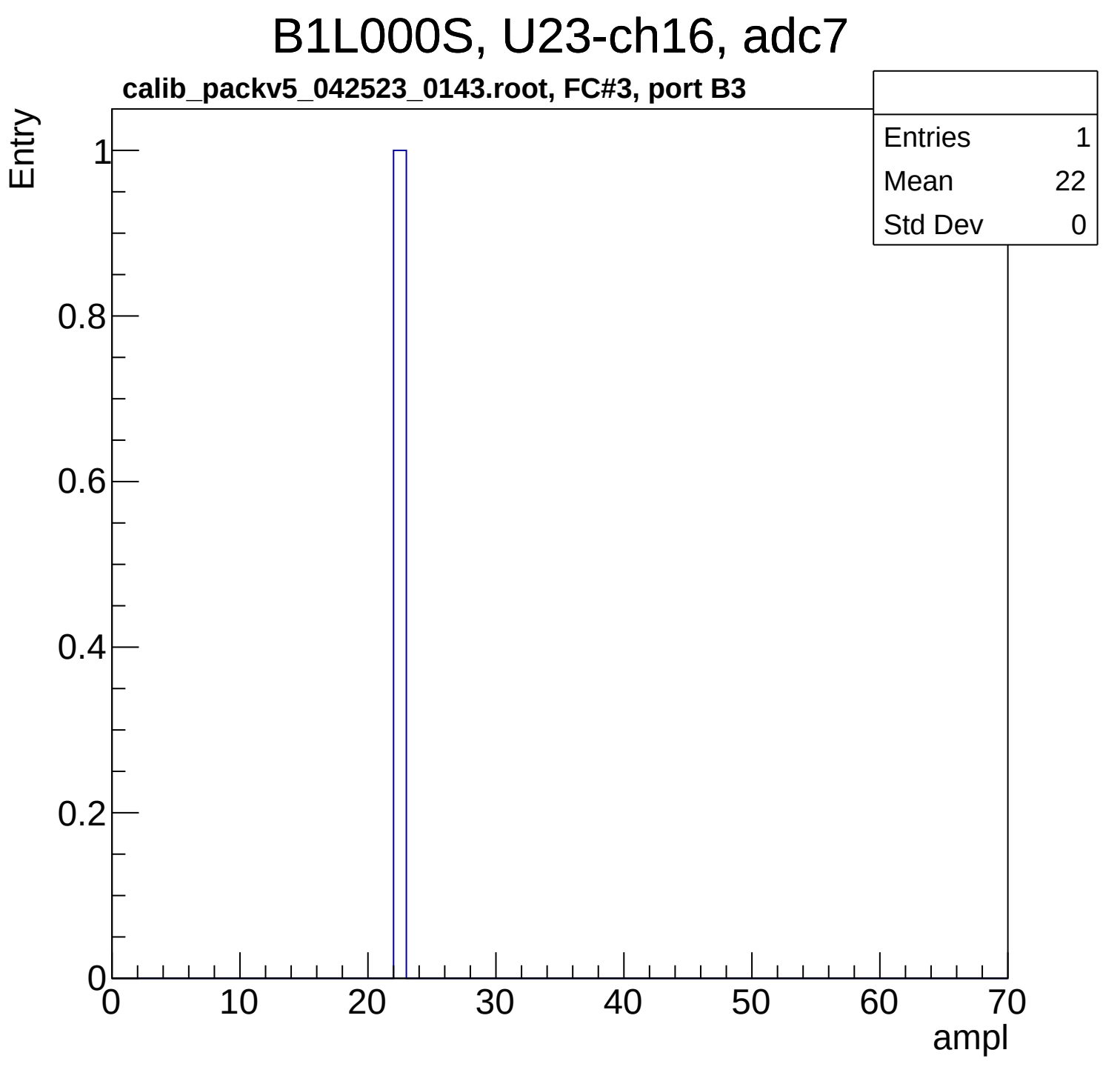

B1L000S, U23-ch16, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.48
Std Dev 3.063
Gaus mean : 42.1724
Gaus Width: 3.2953
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch16, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 48.16
Std Dev 3.415
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch16, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.69
Std Dev 2.99
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch16, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 59.8
Std Dev 2.43
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch16, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 55.55
Std Dev 17.61
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U23-ch16, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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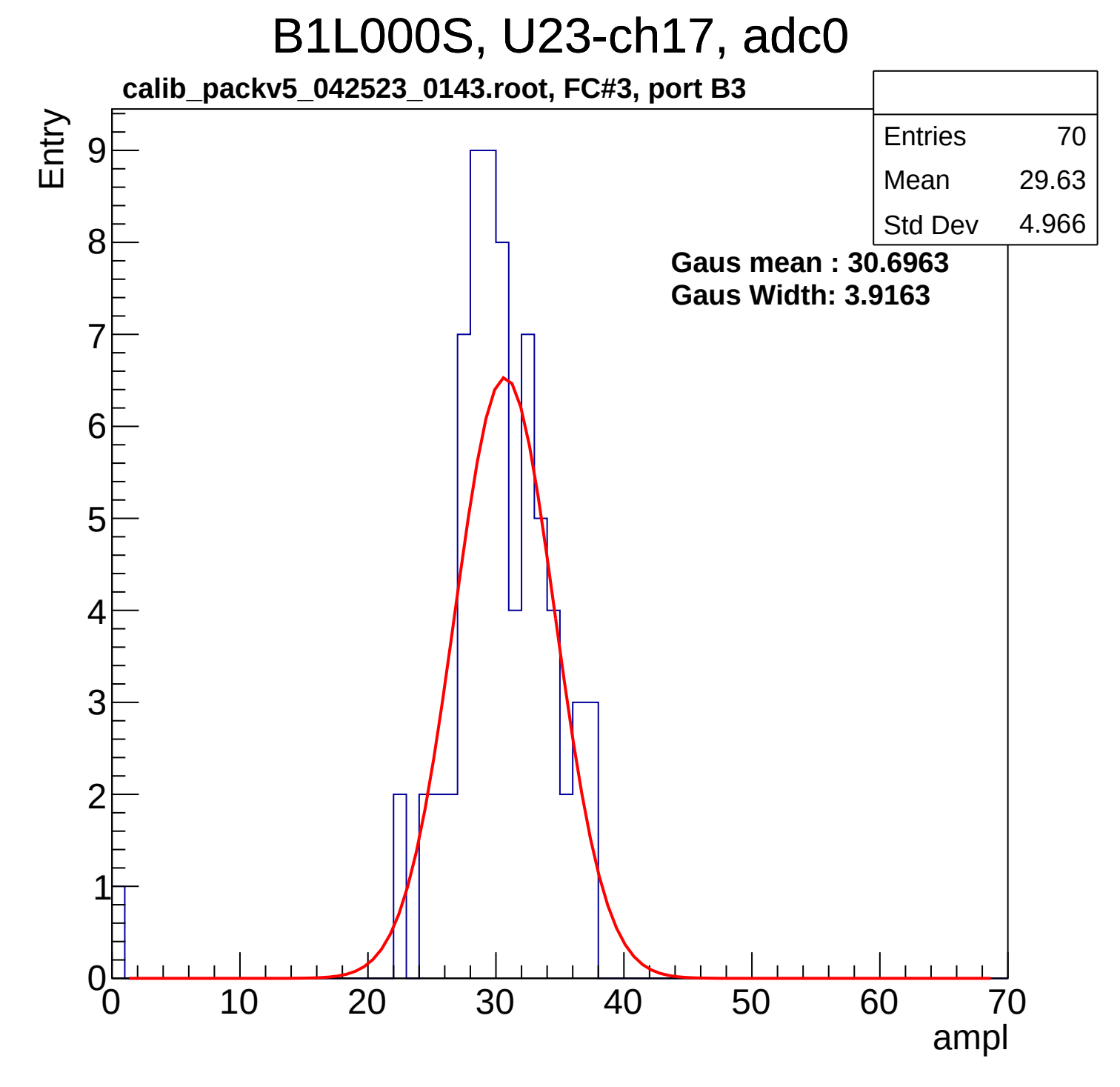
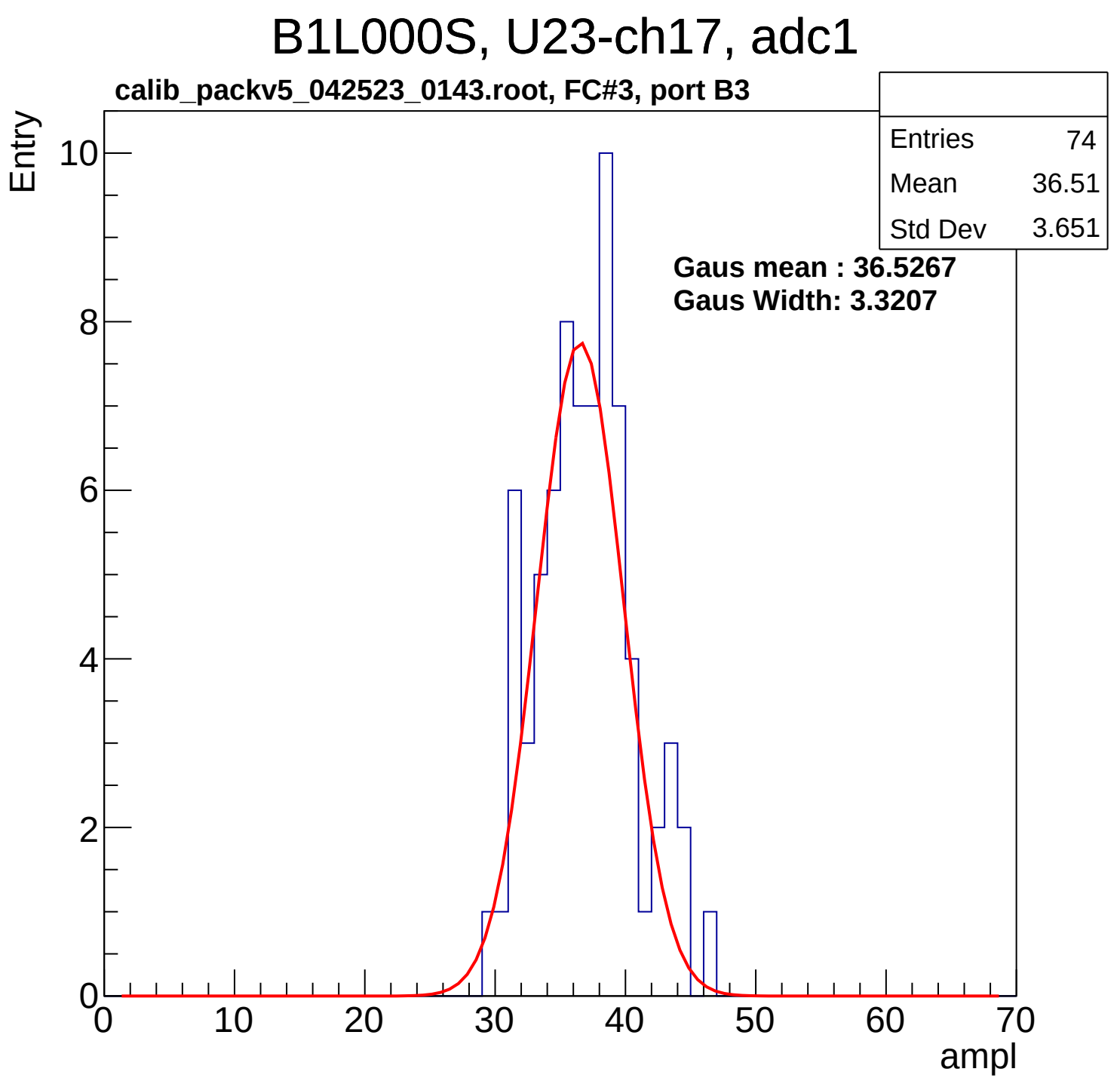
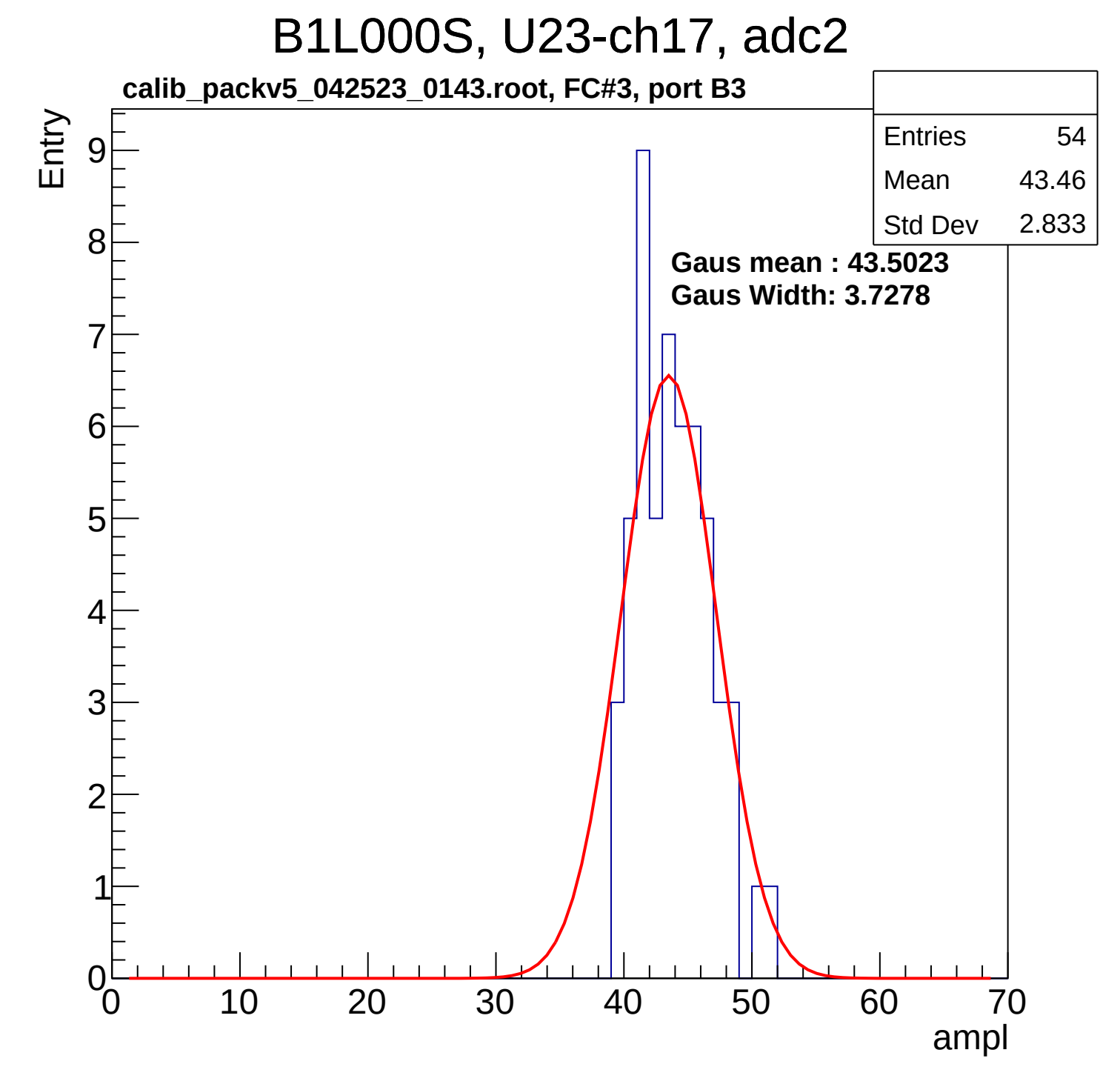
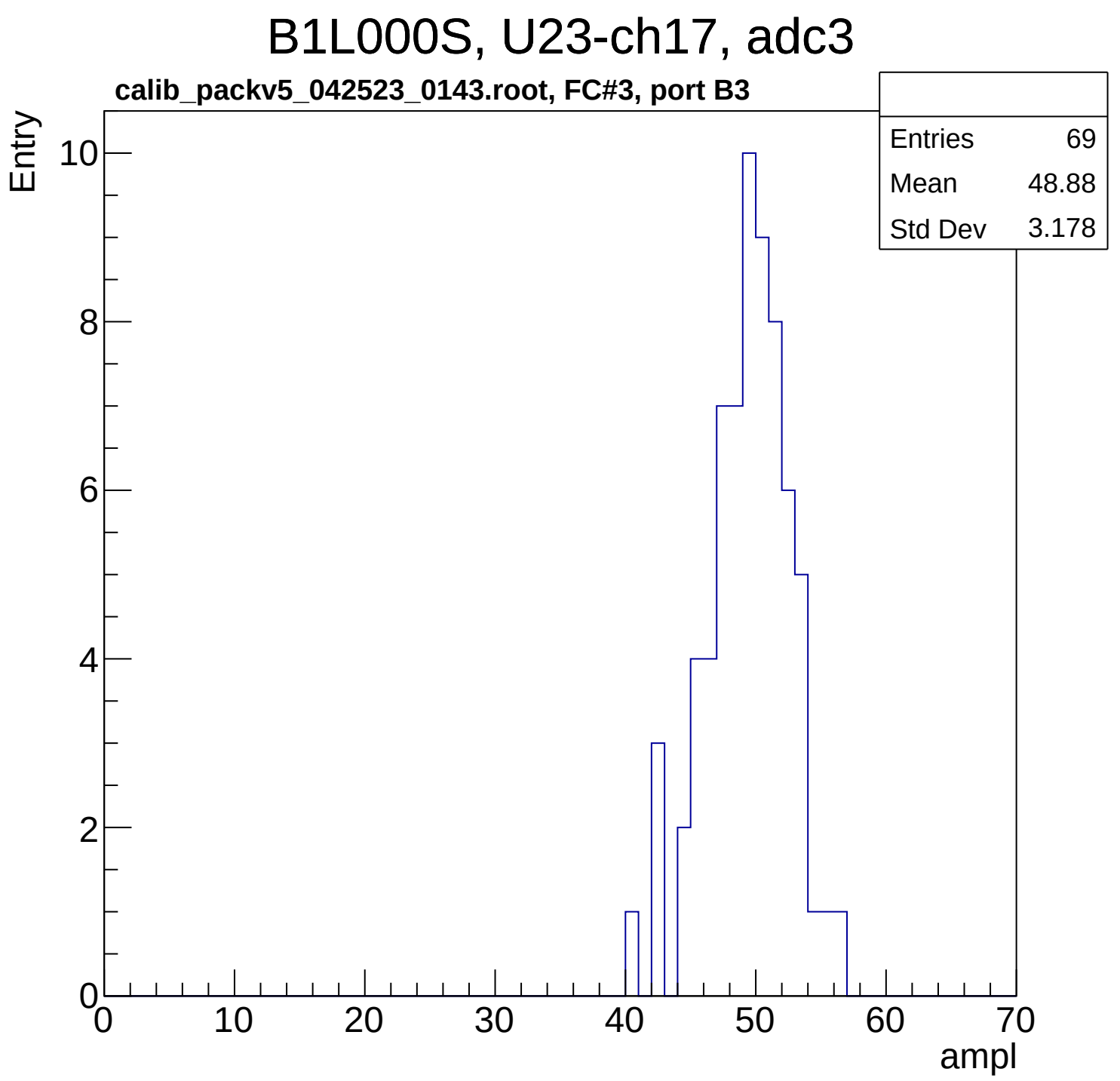
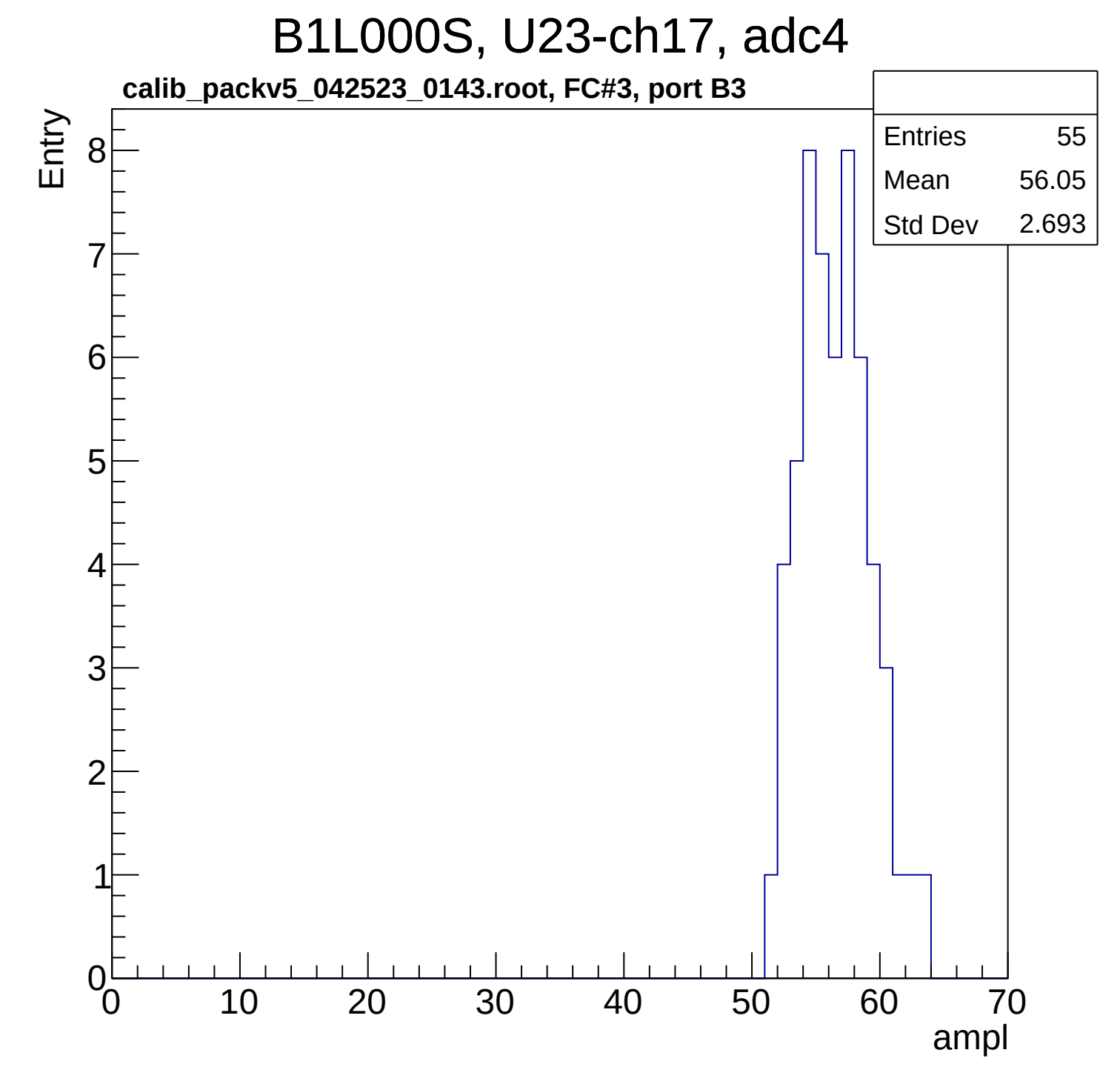
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

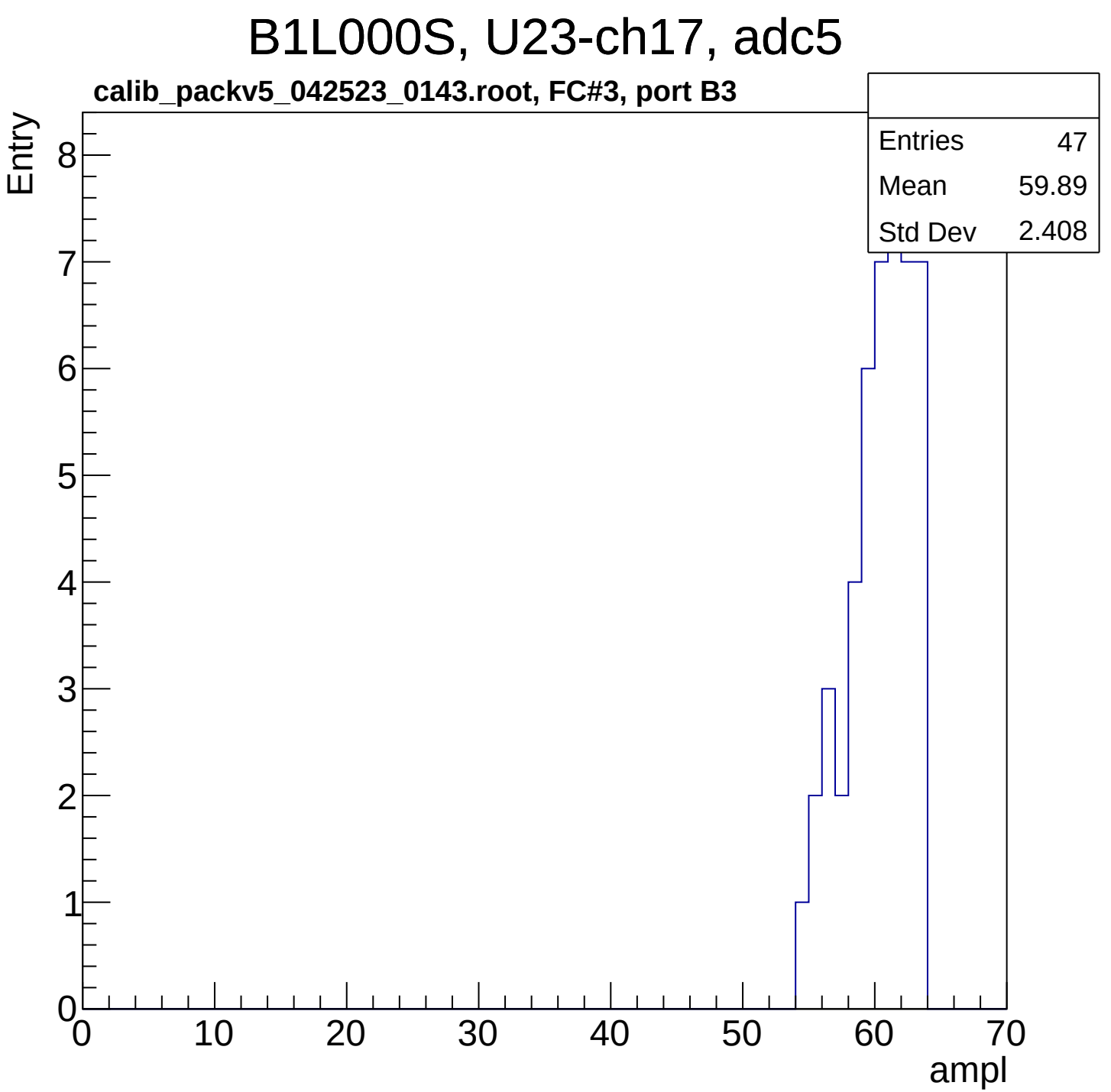

B1L000S, U23-ch17, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 29.63
Std Dev 4.966
Gaus mean : 30.6963
Gaus Width: 3.9163
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch17, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 36.51
Std Dev 3.651
Gaus mean : 36.5267
Gaus Width: 3.3207
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch17, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 43.46
Std Dev 2.833
Gaus mean : 43.5023
Gaus Width: 3.7278
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch17, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.88
Std Dev 3.178
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch17, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 56.05
Std Dev 2.693
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch17, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.89
Std Dev 2.408
Entry
ampl
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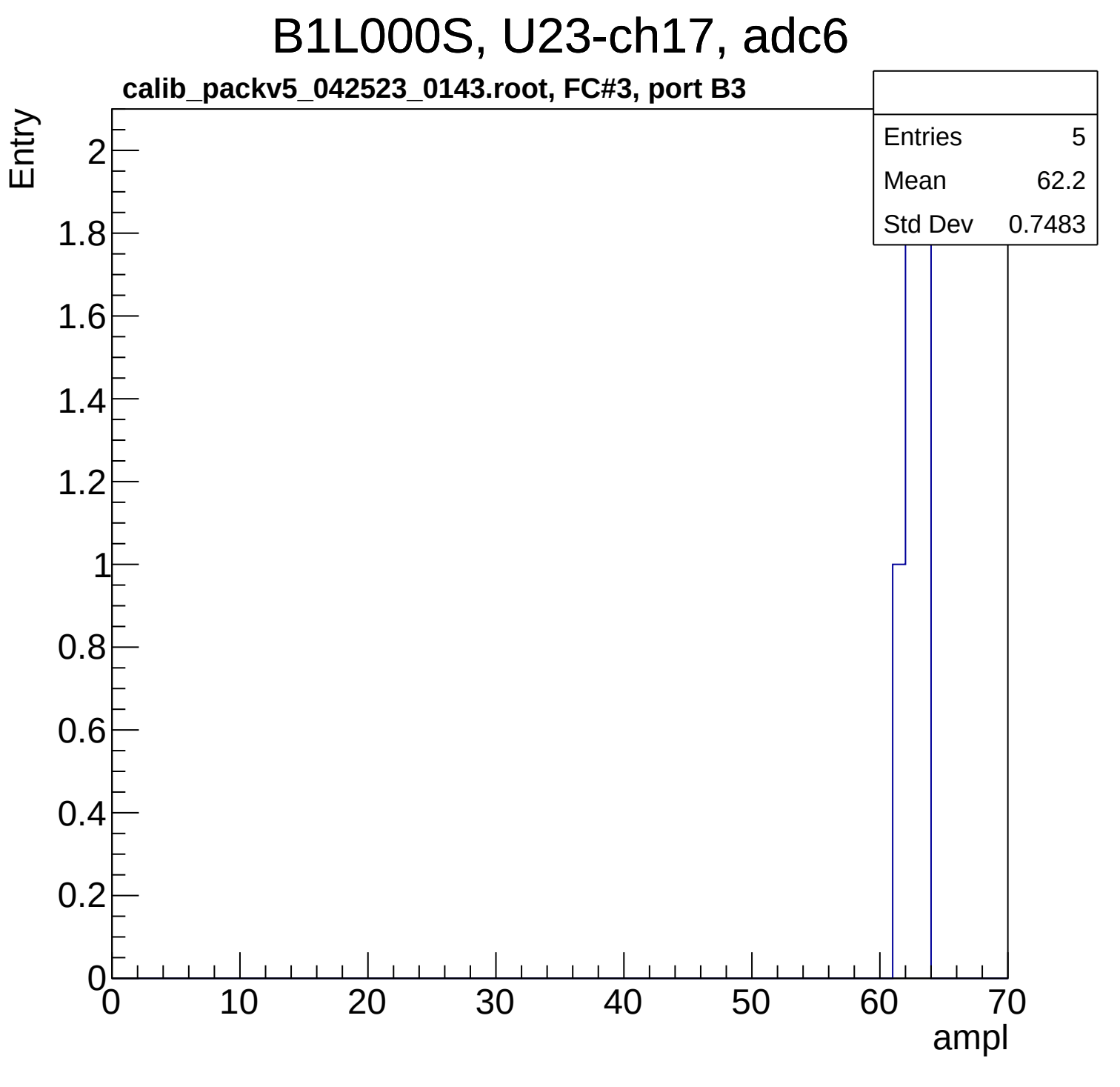
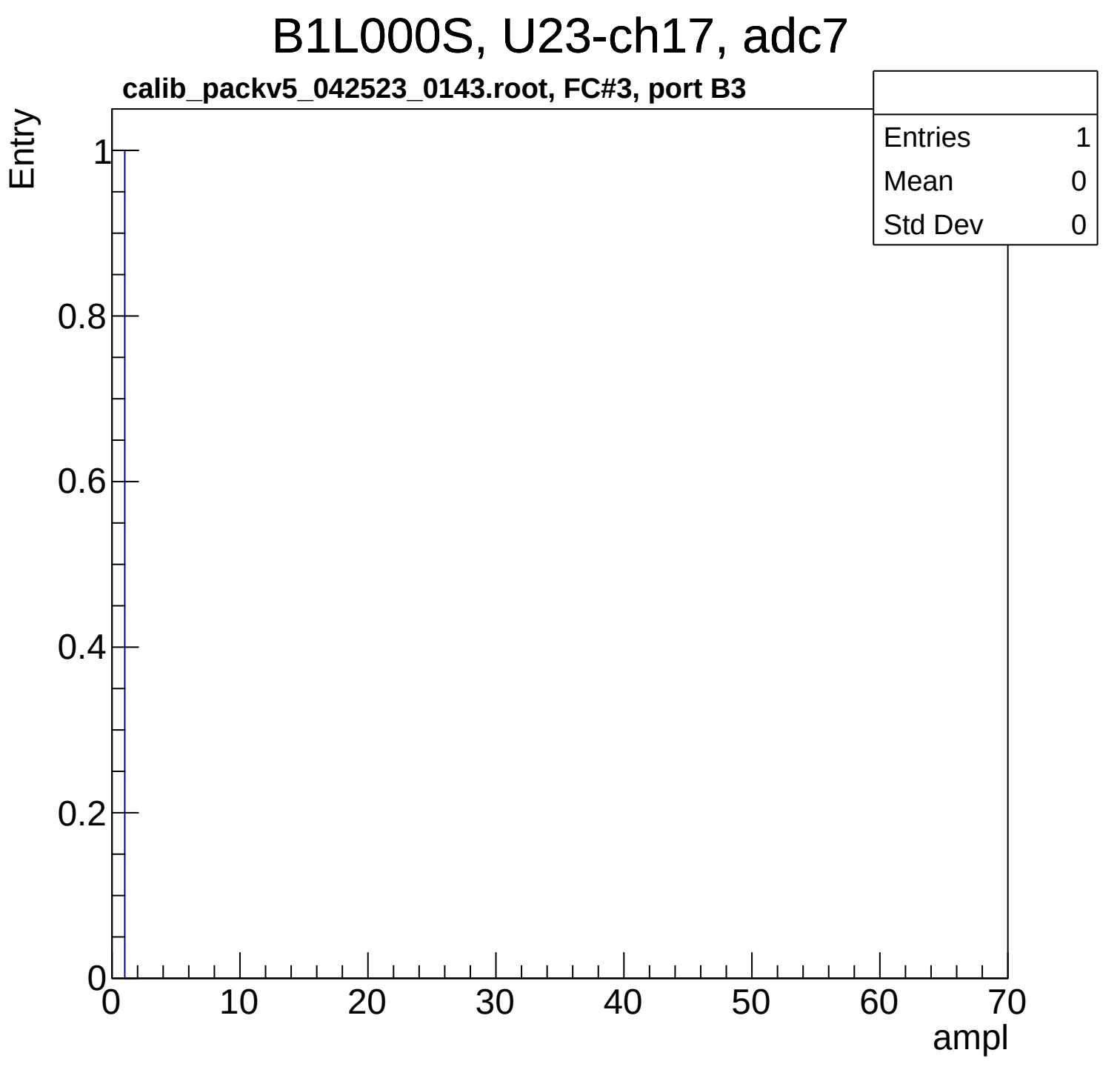
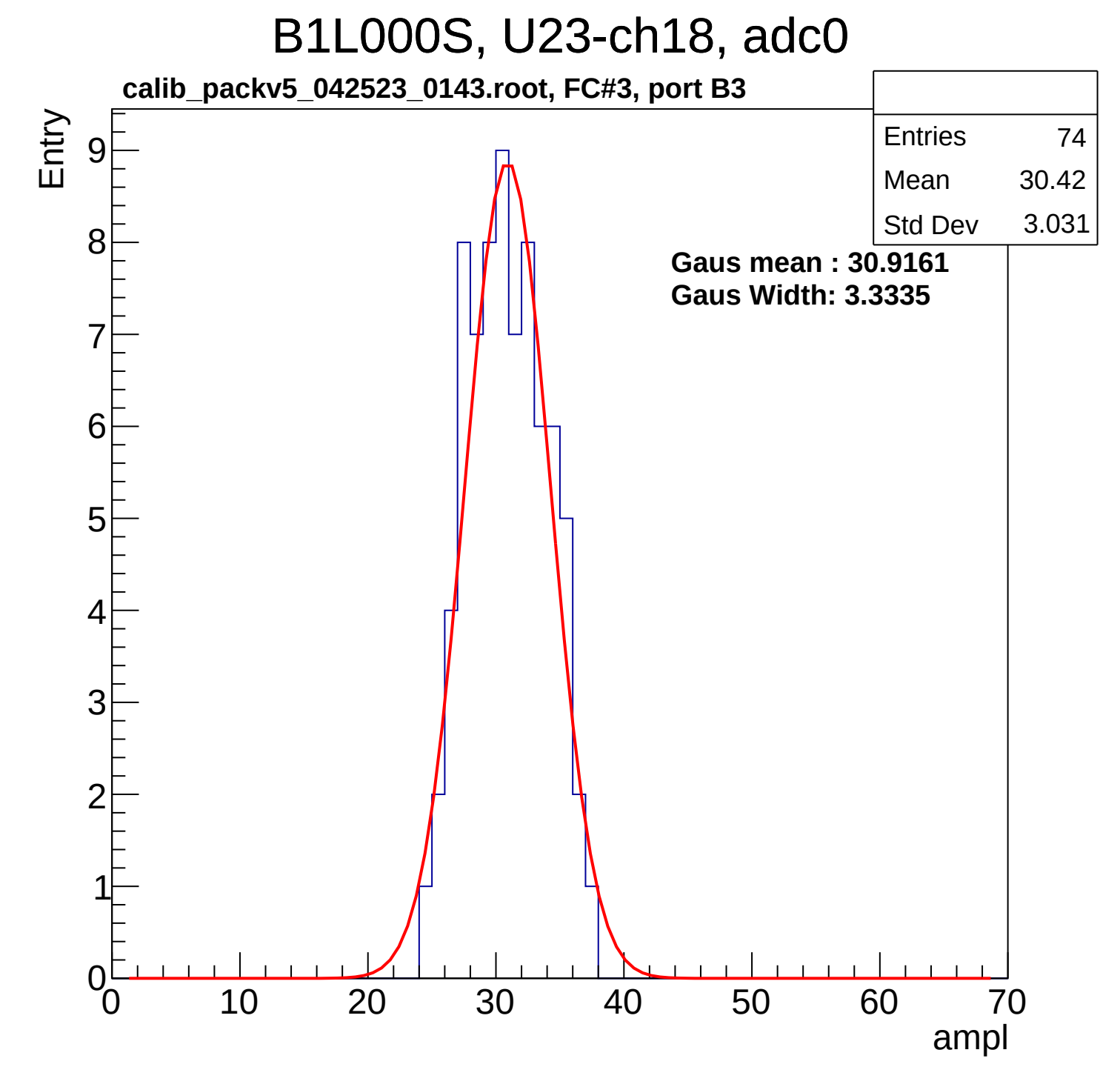
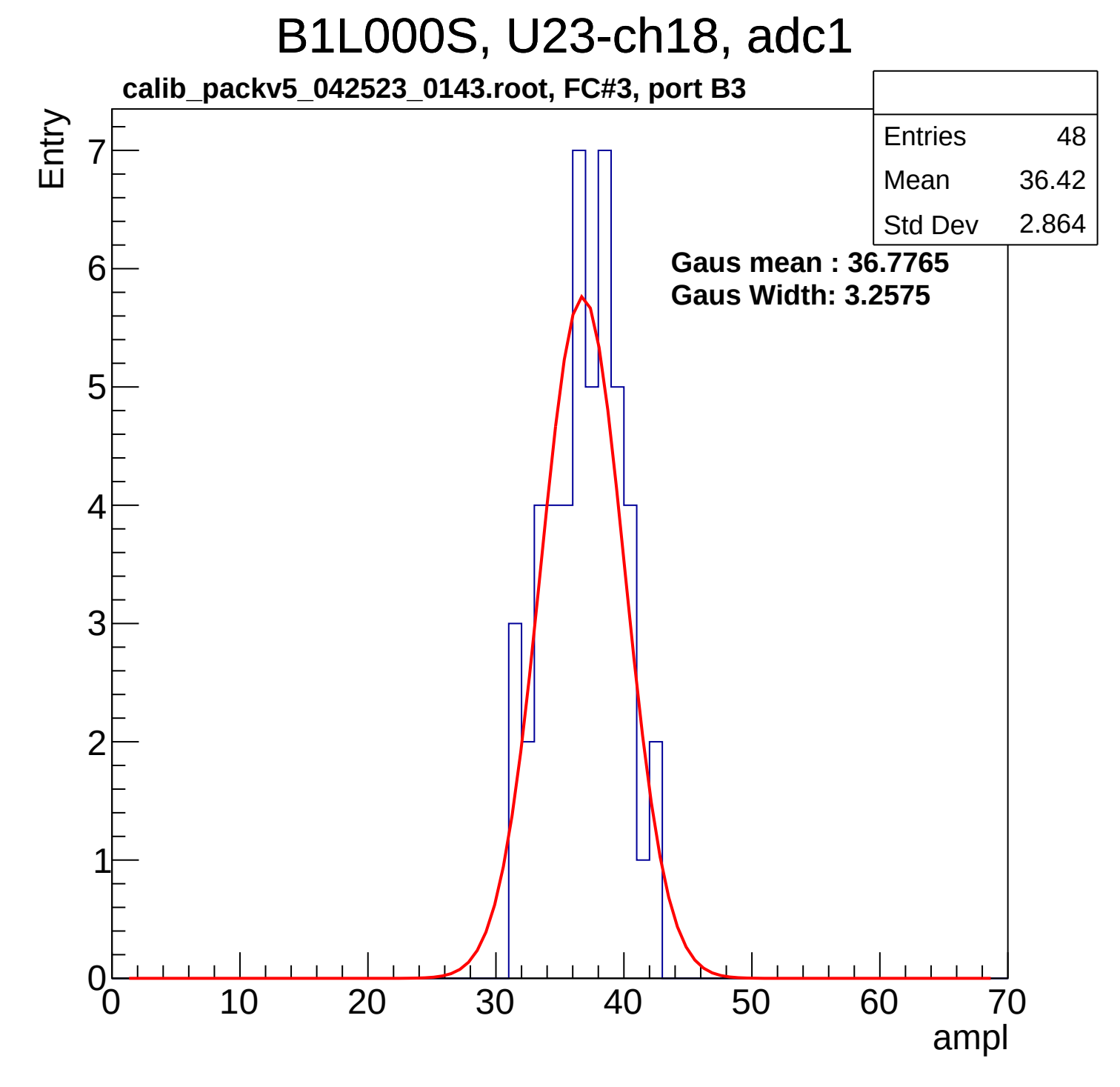
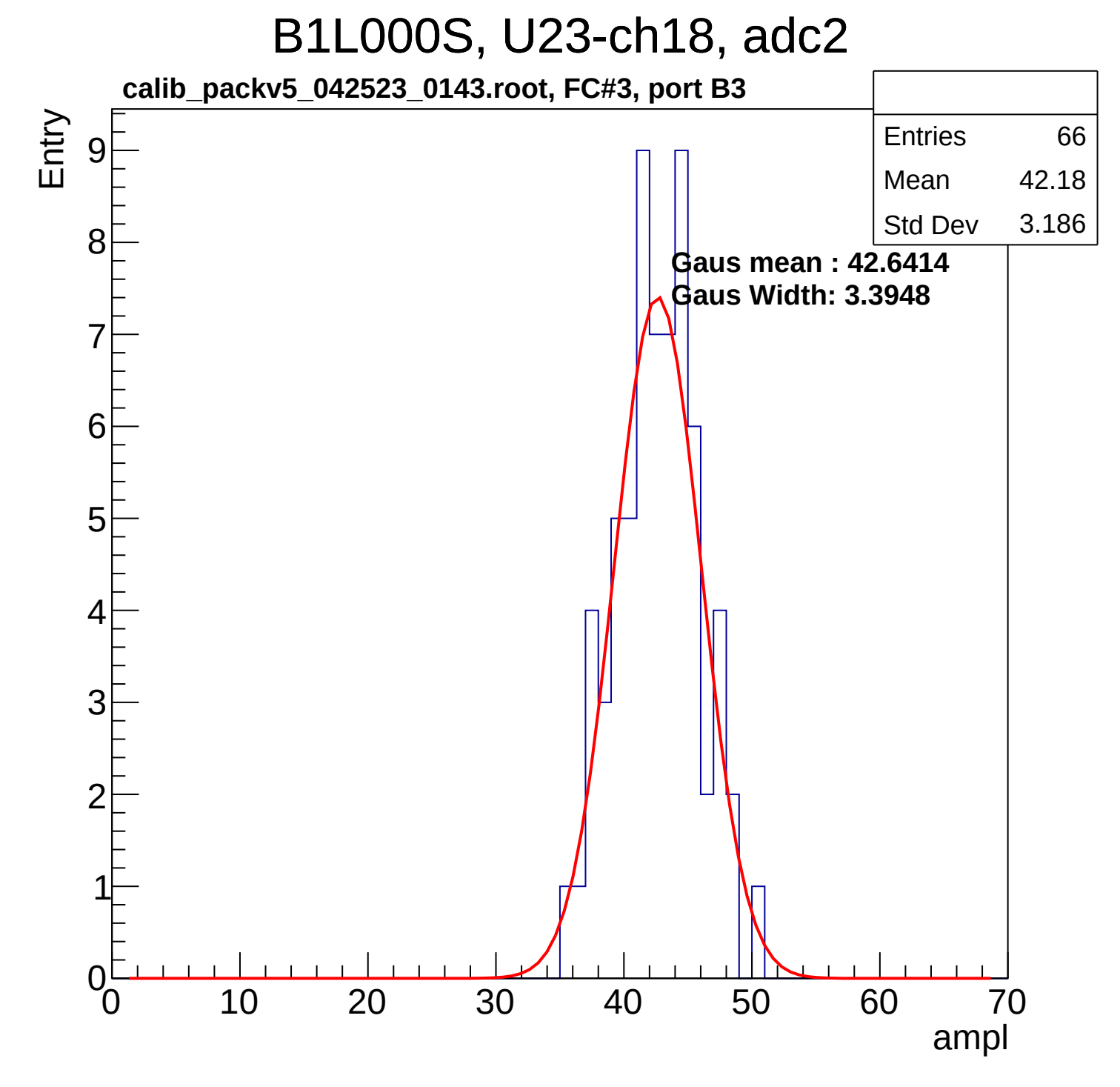
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

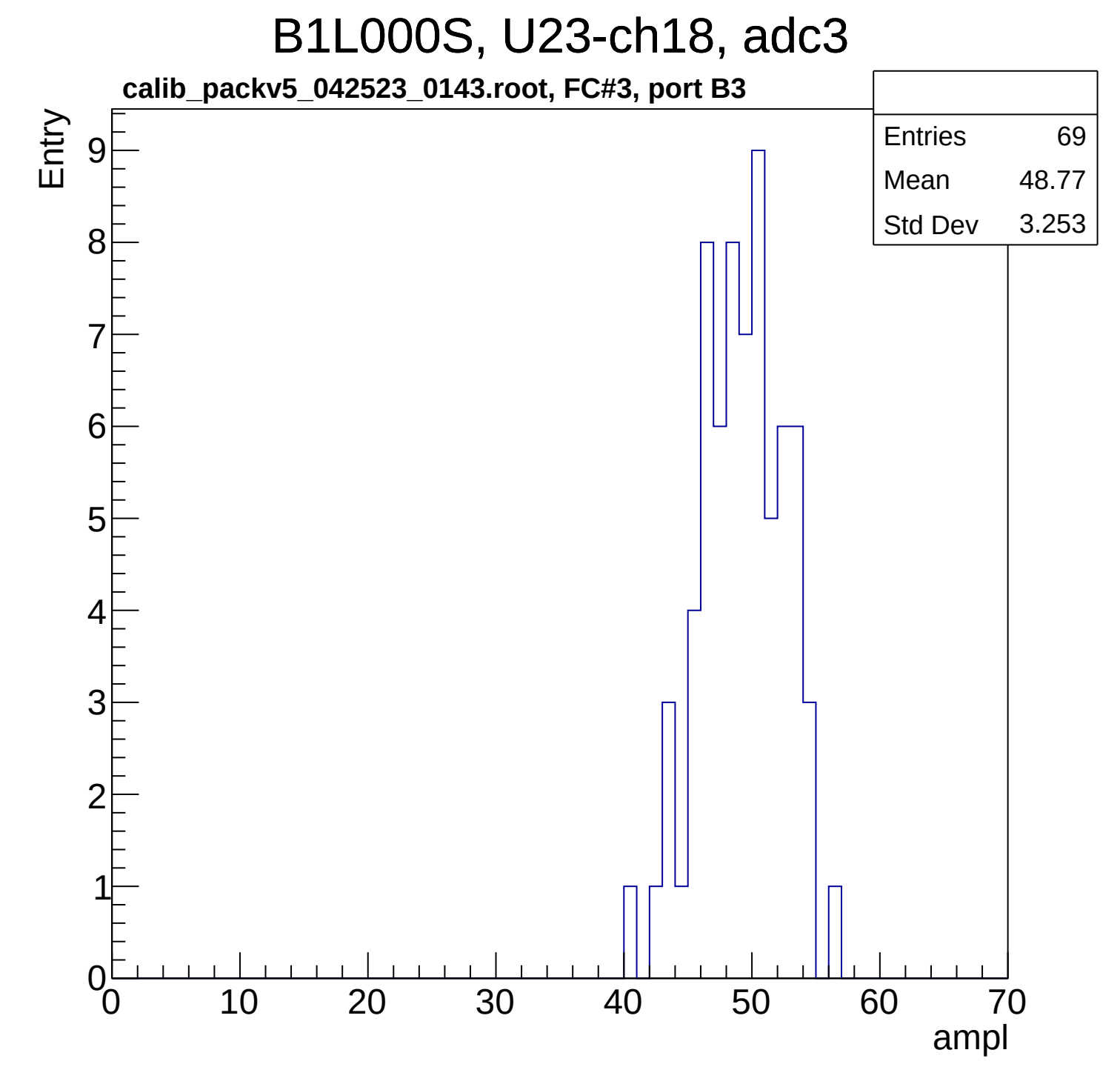

B1L000S, U23-ch17, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch17, 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, U23-ch18, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 30.42
Std Dev 3.031
Gaus mean : 30.9161
Gaus Width: 3.3335
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch18, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 36.42
Std Dev 2.864
Gaus mean : 36.7765
Gaus Width: 3.2575
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch18, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 42.18
Std Dev 3.186
Gaus mean : 42.6414
Gaus Width: 3.3948
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch18, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.77
Std Dev 3.253
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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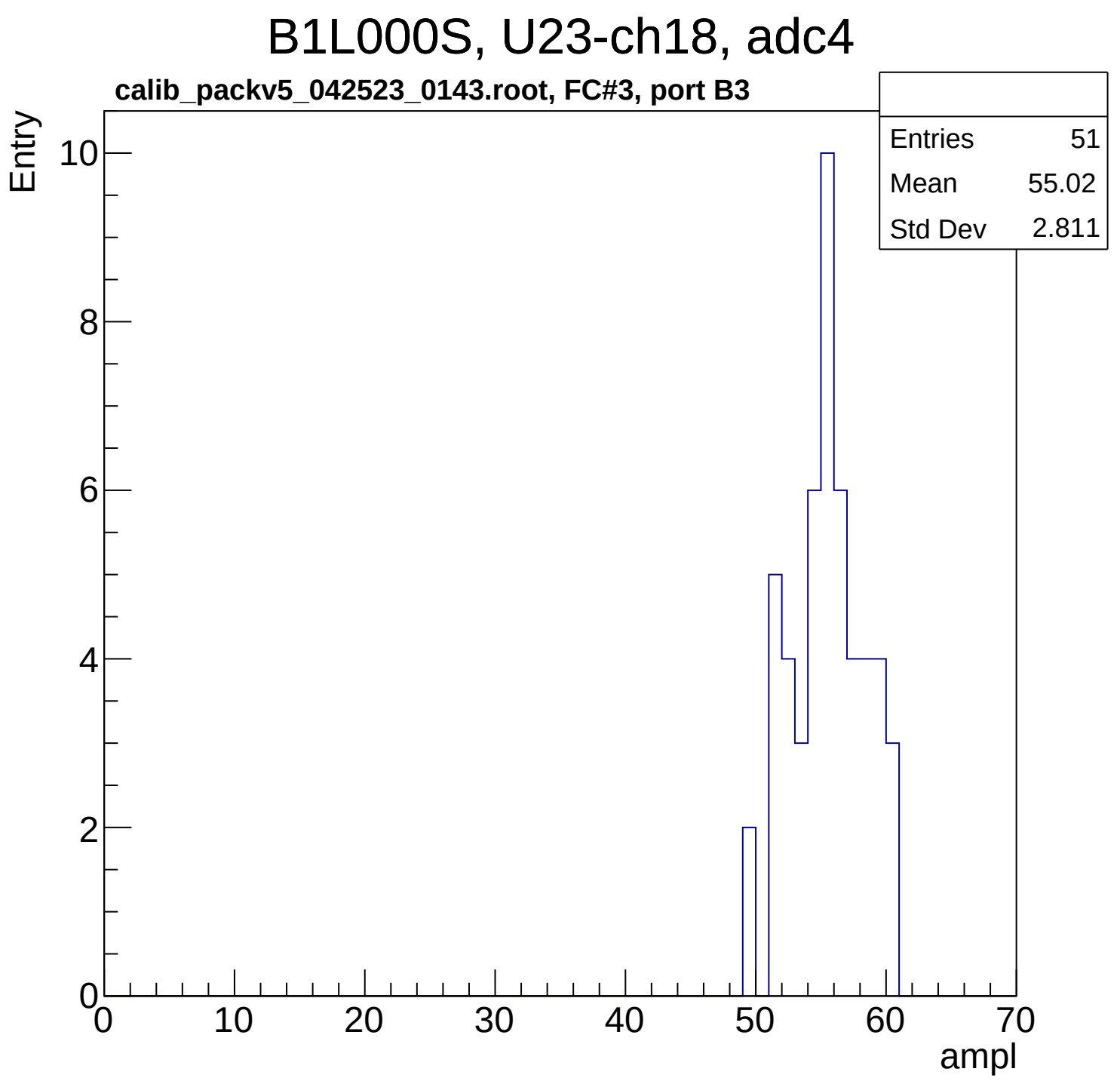
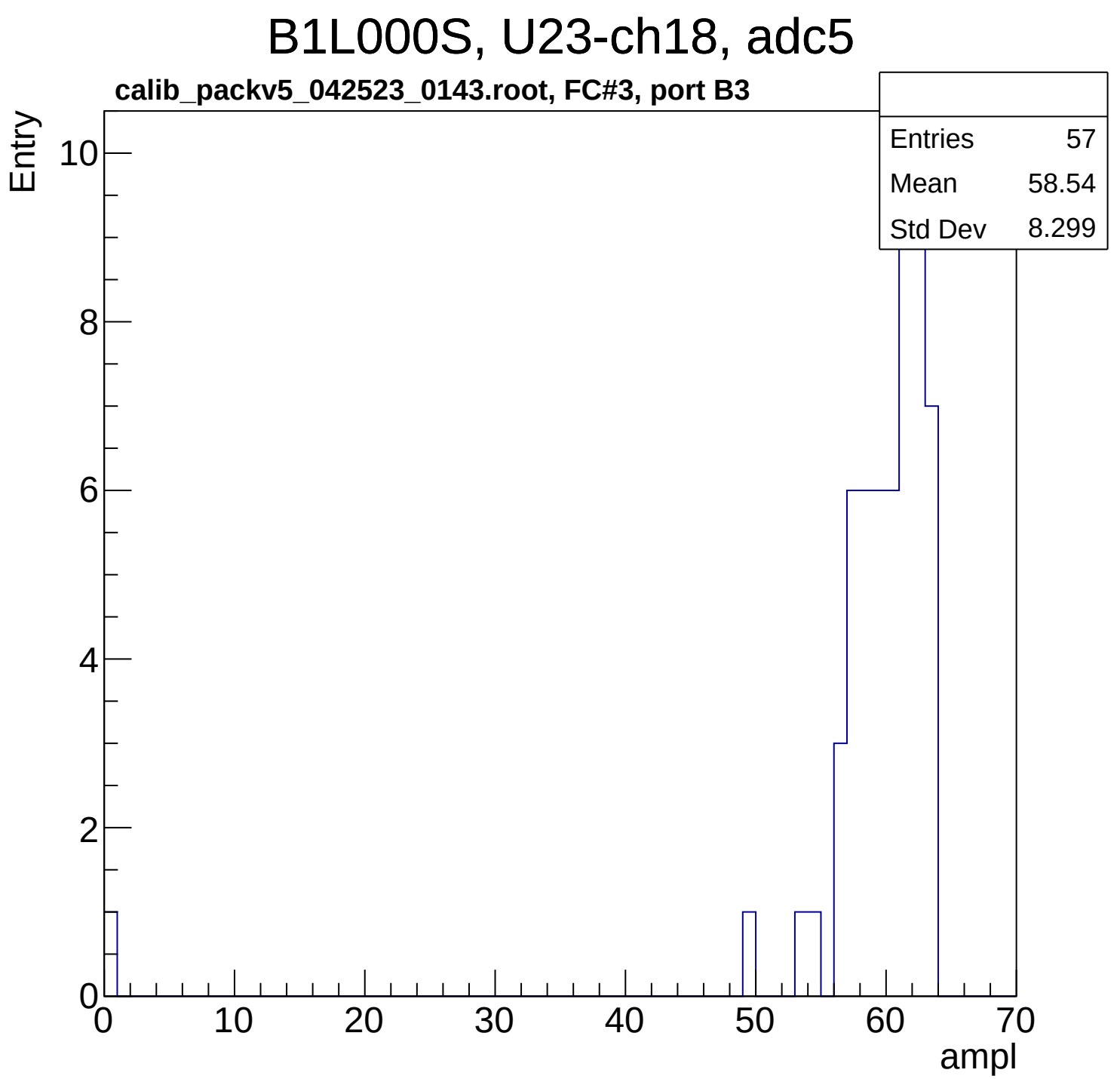
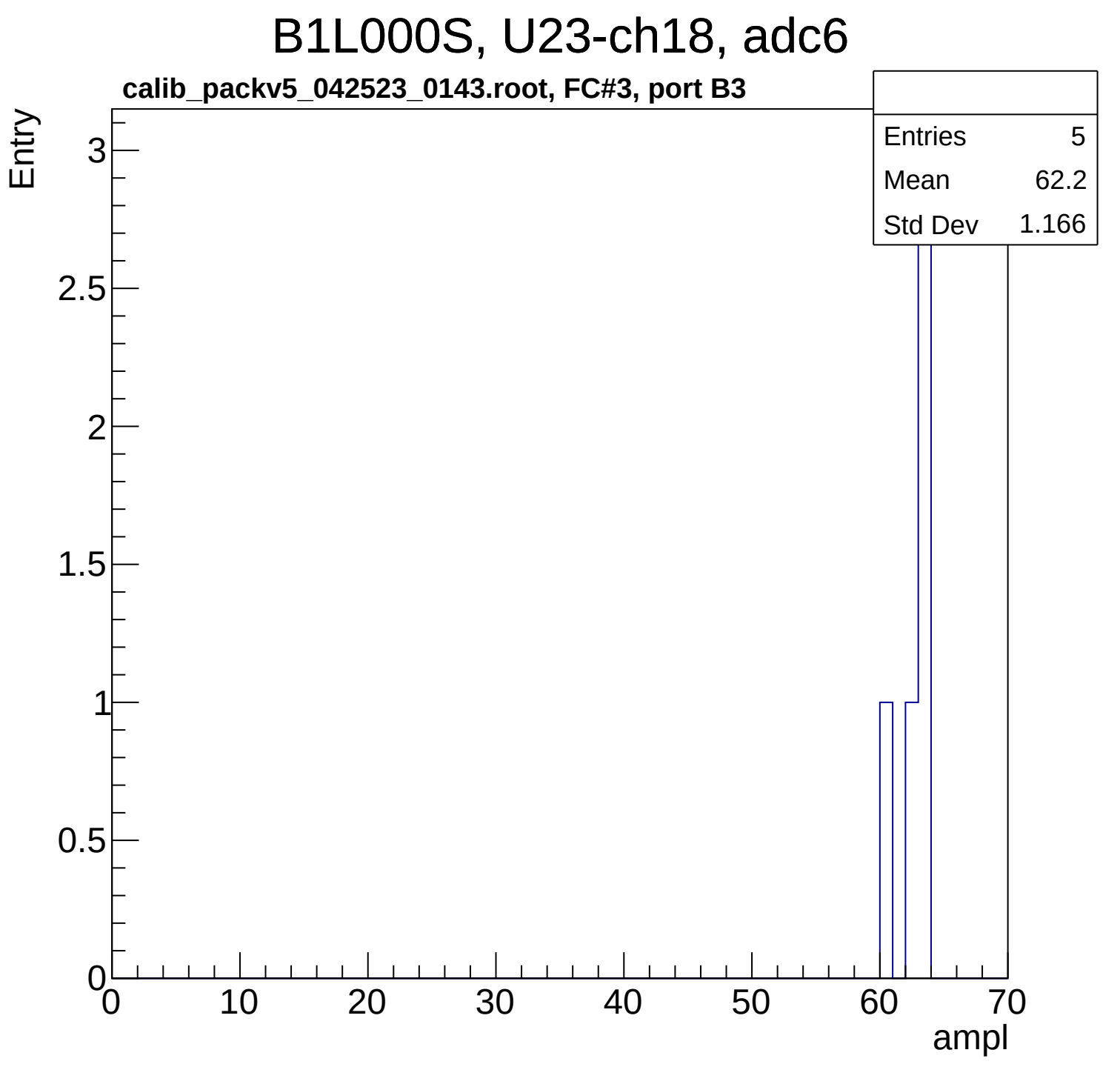
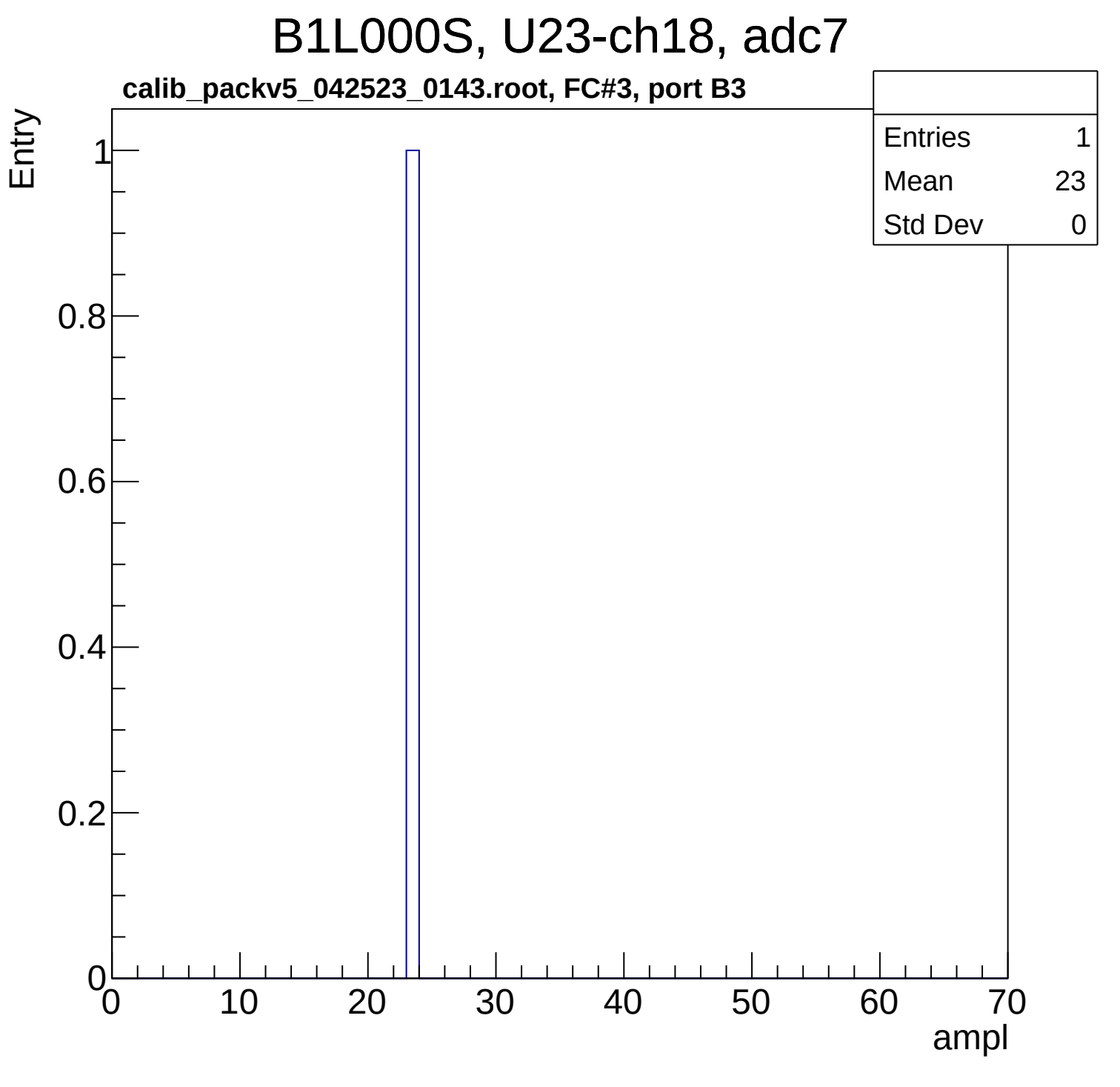
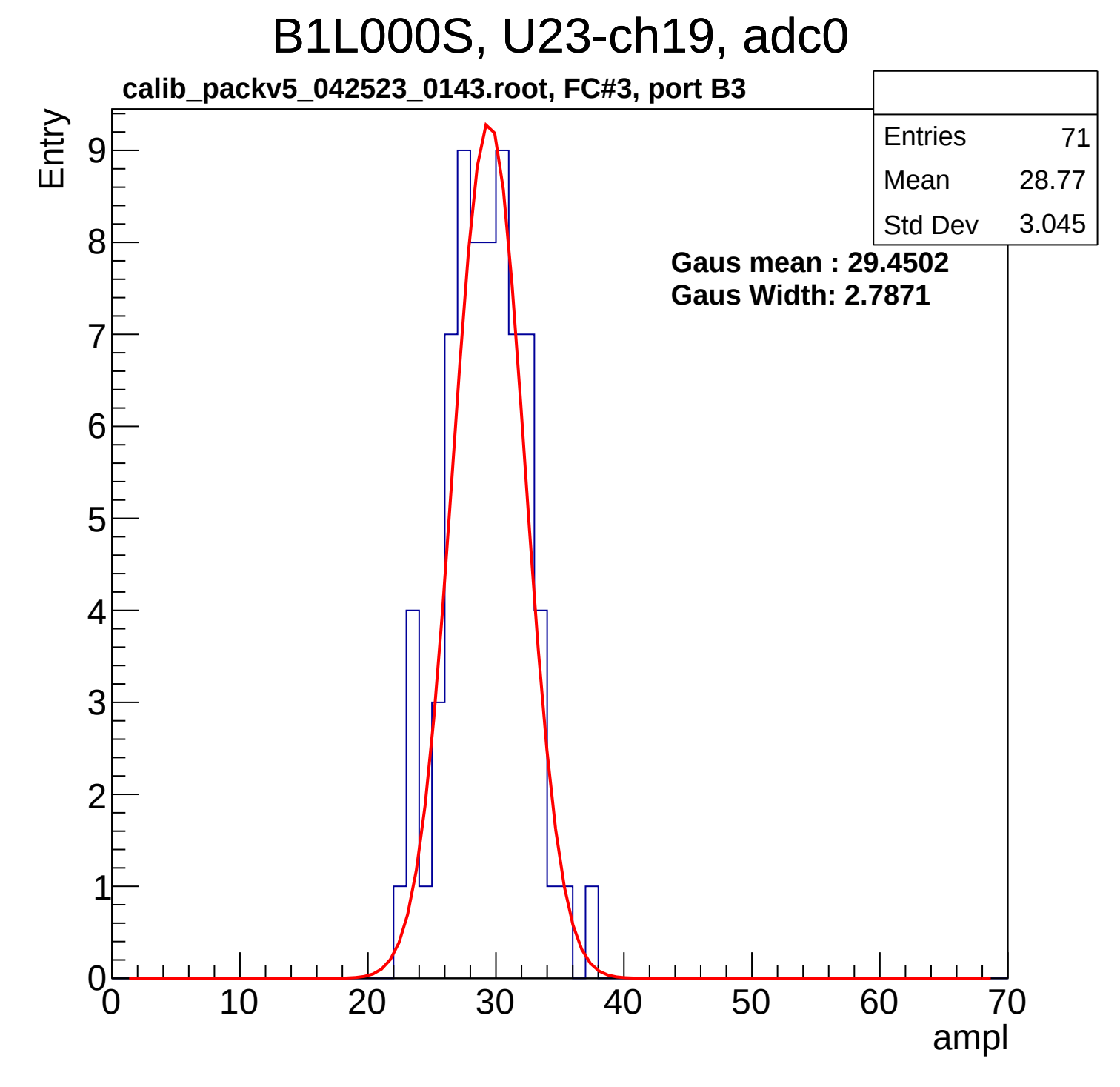

B1L000S, U23-ch18, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.02
Std Dev 2.811
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch18, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.54
Std Dev 8.299
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch18, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.2
Std Dev 1.166
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U23-ch18, 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, U23-ch19, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 28.77
Std Dev 3.045
Gaus mean : 29.4502
Gaus Width: 2.7871
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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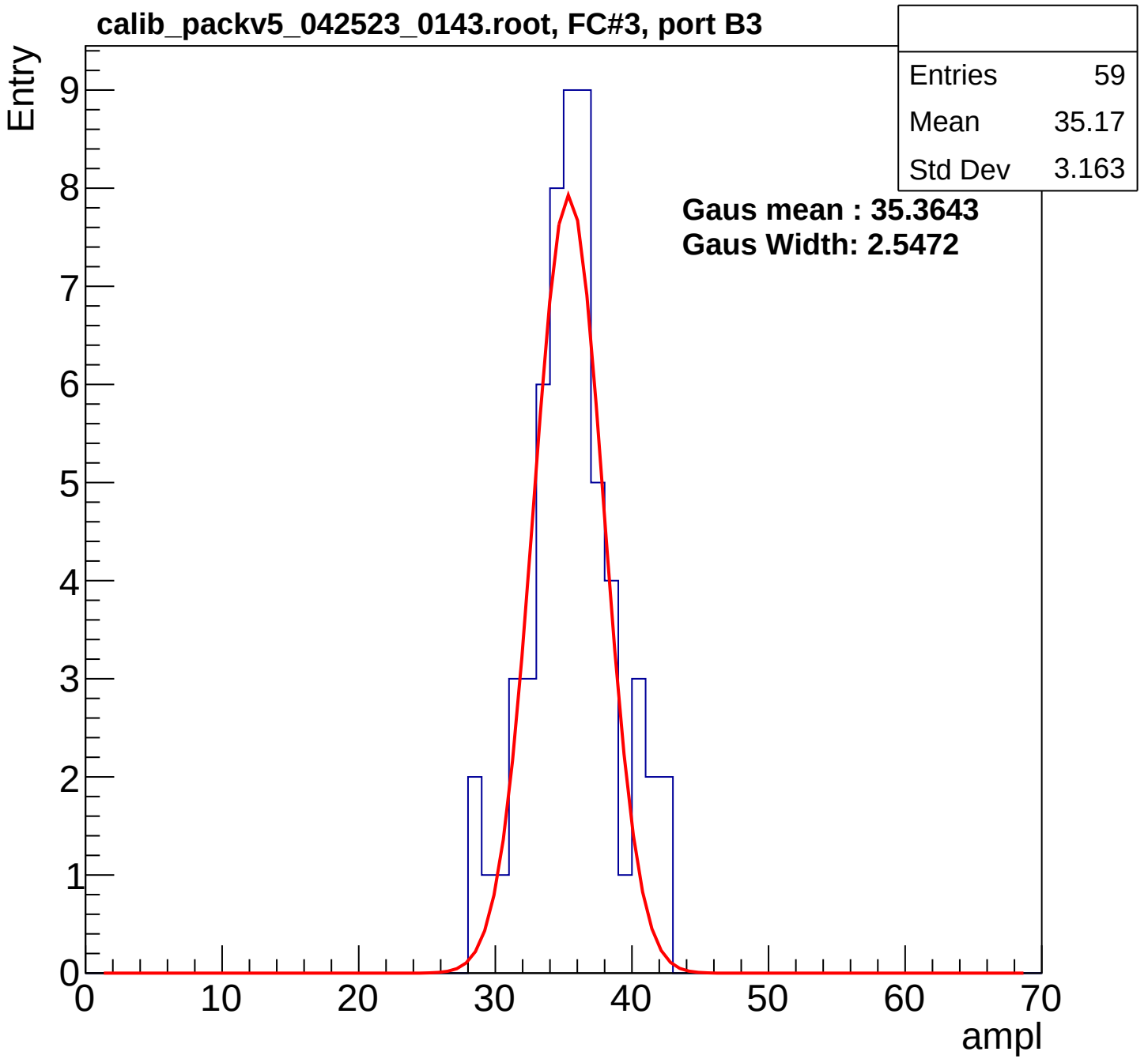
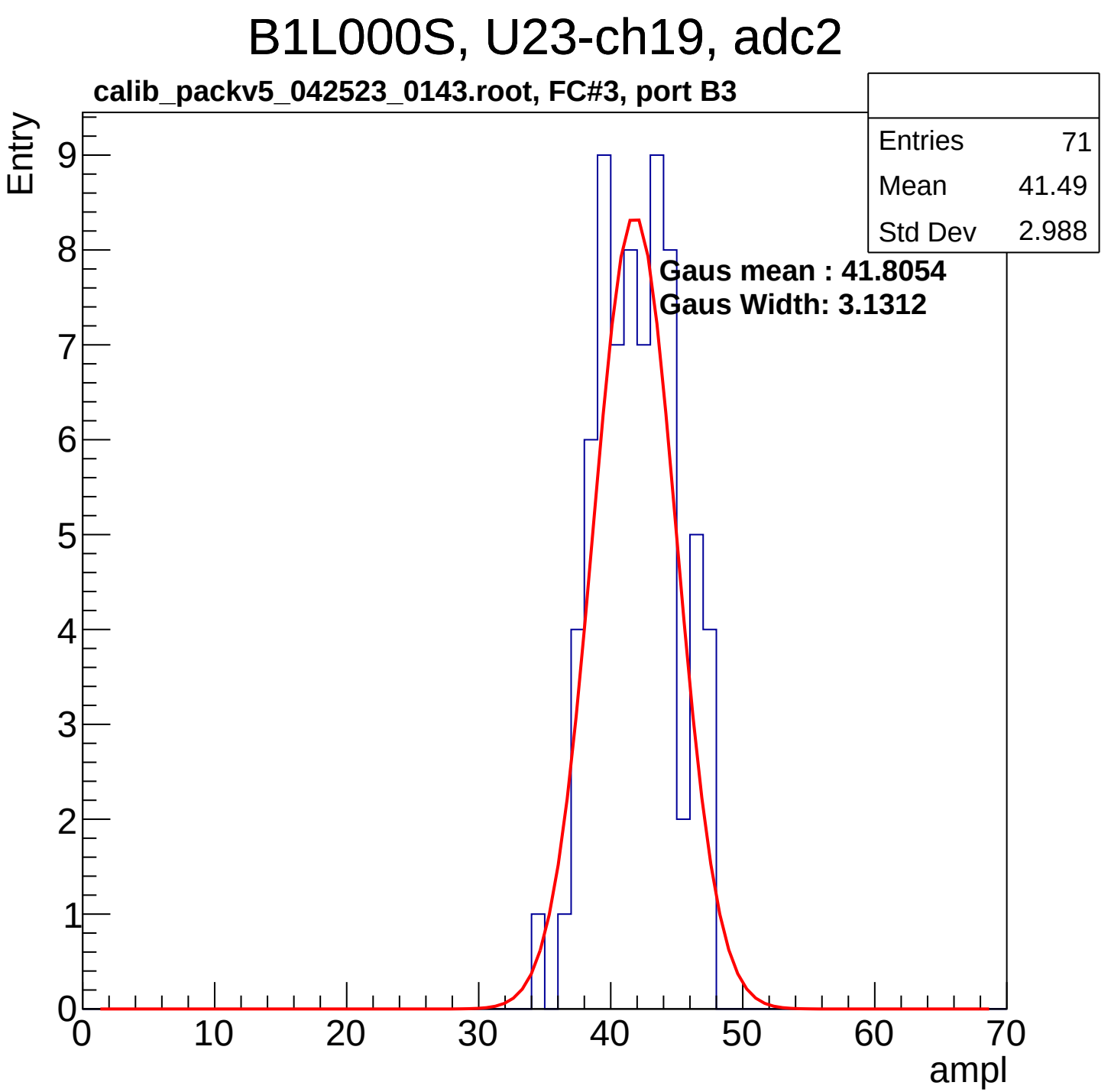

B1L000S, U23-ch19, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 35.17
Std Dev 3.163
Gaus mean : 35.3643
Gaus Width: 2.5472
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch19, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 41.49
Std Dev 2.988
Gaus mean : 41.8054
Gaus Width: 3.1312
Entry
ampl
0
1
2
3
4
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6
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0
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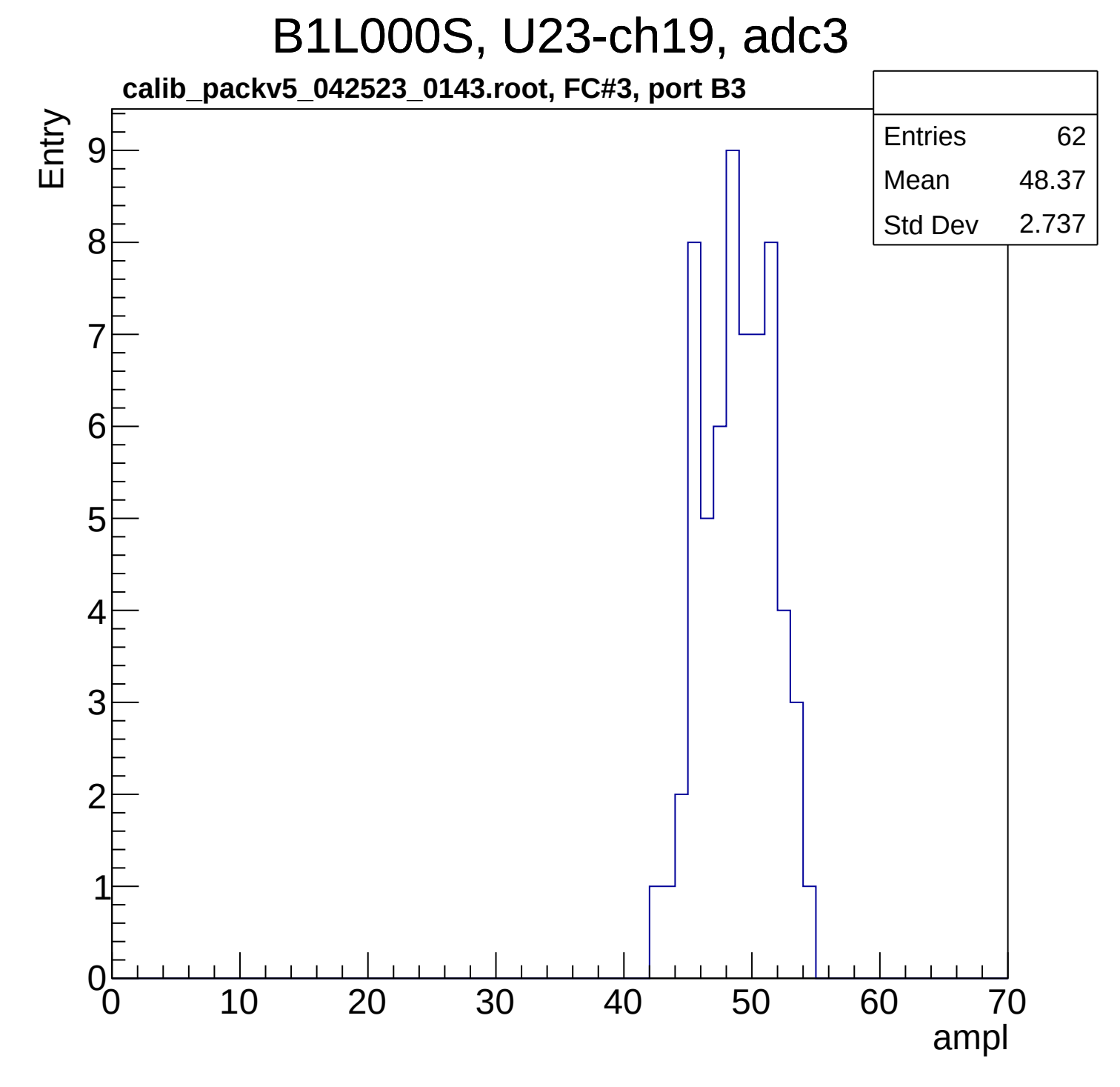
B1L000S, U23-ch19, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.37
Std Dev 2.737
Entry
ampl
0
1
2
3
4
5
6
7
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0
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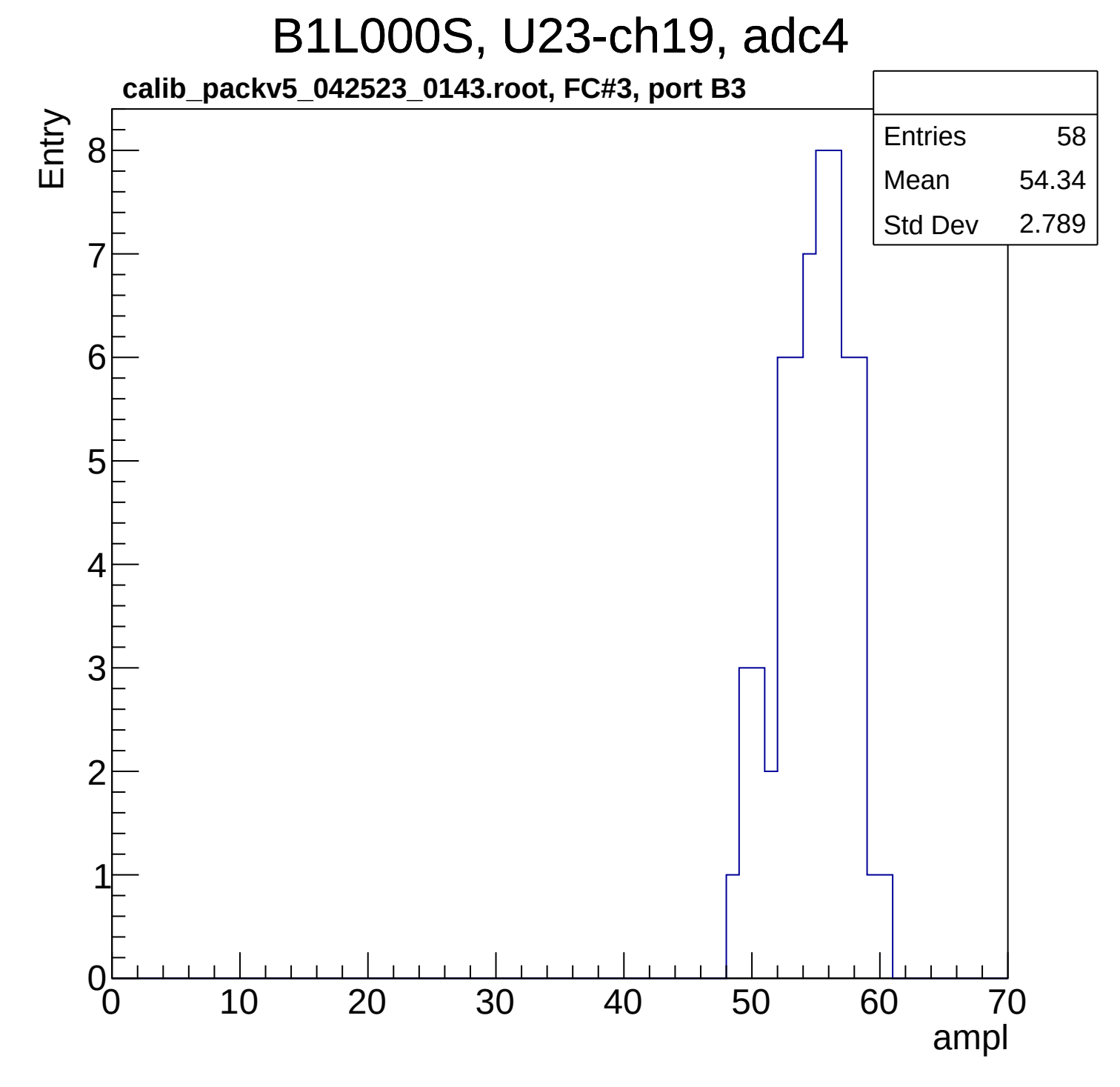
B1L000S, U23-ch19, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 54.34
Std Dev 2.789
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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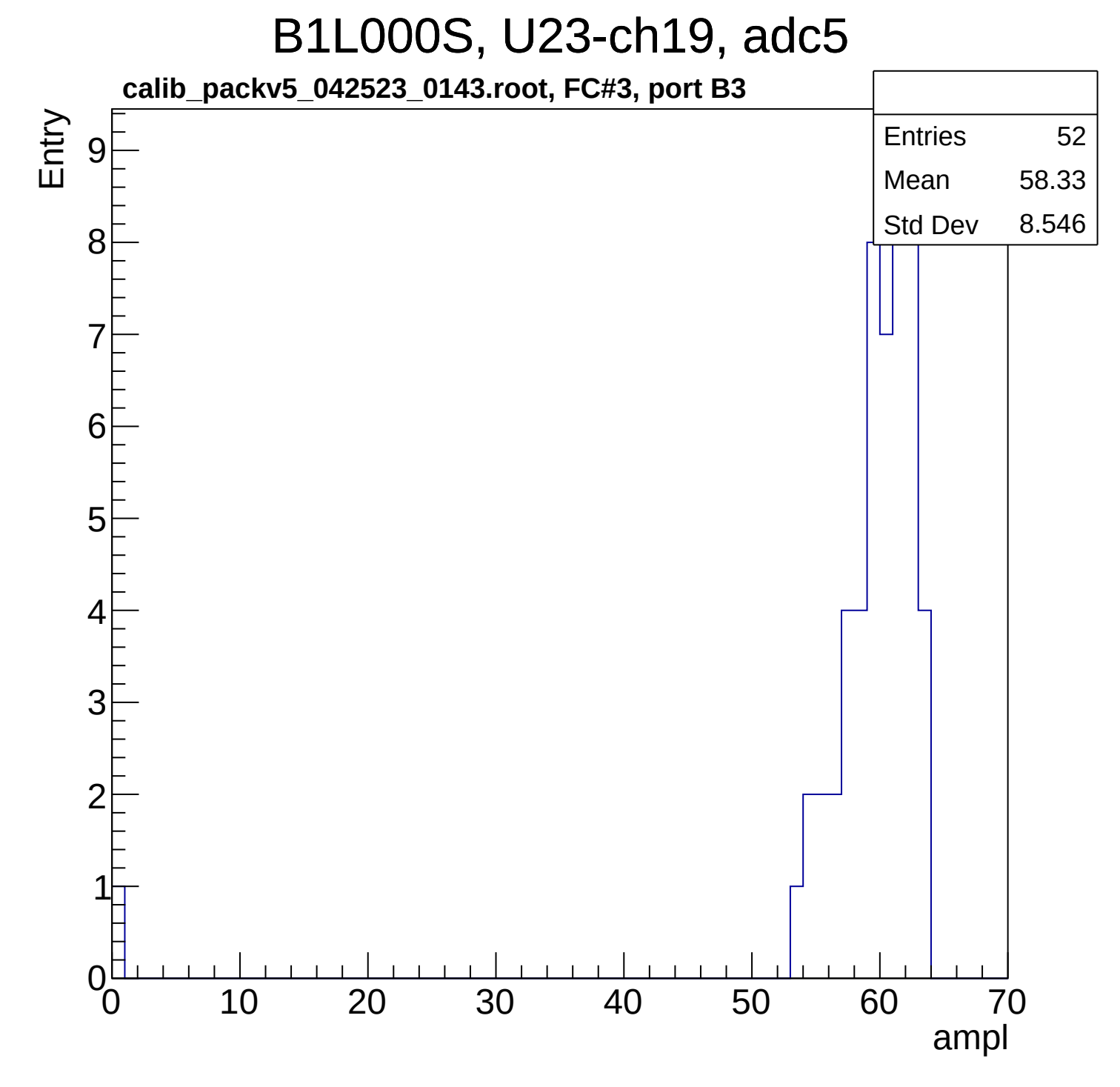
B1L000S, U23-ch19, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.33
Std Dev 8.546
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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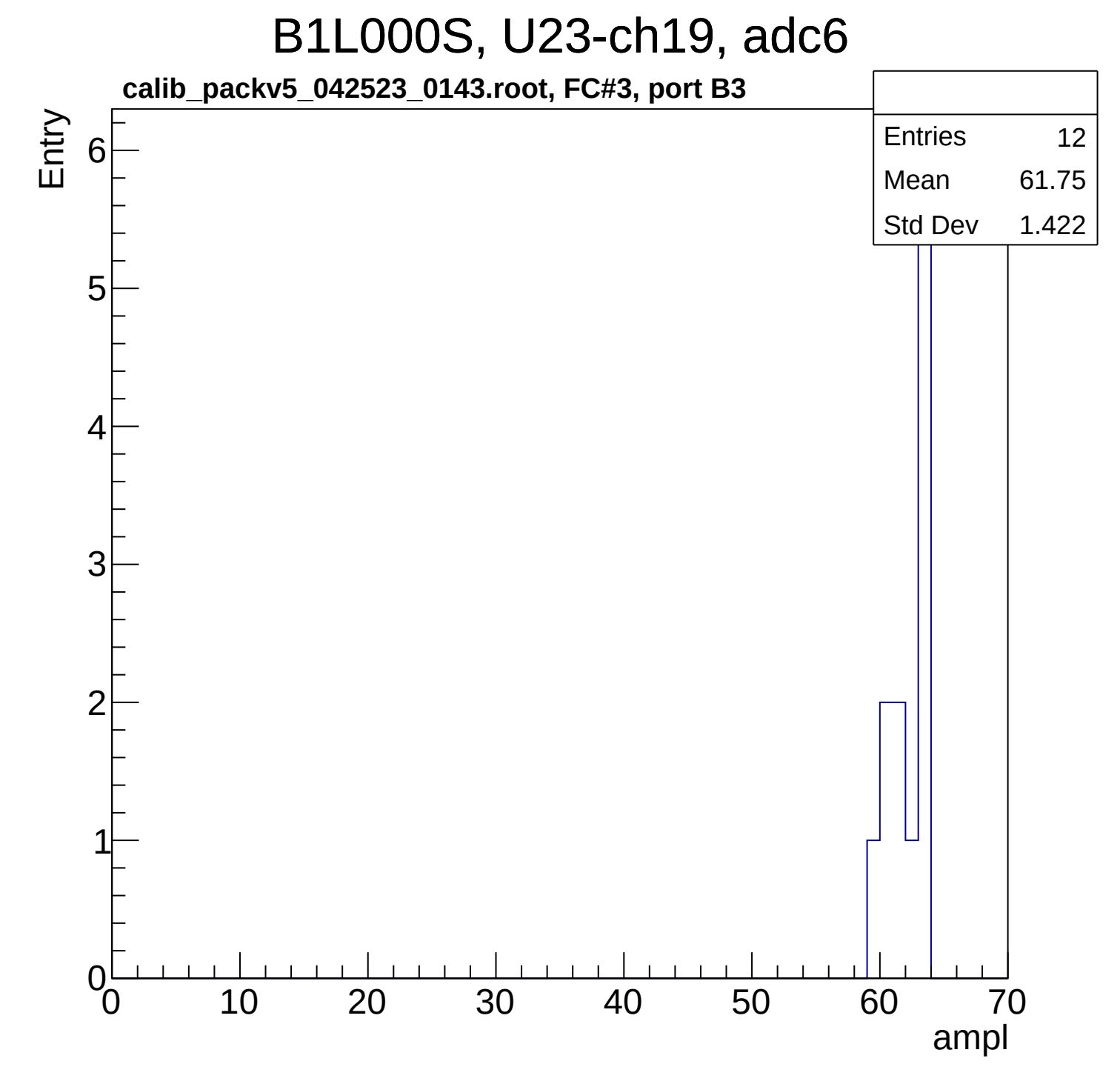
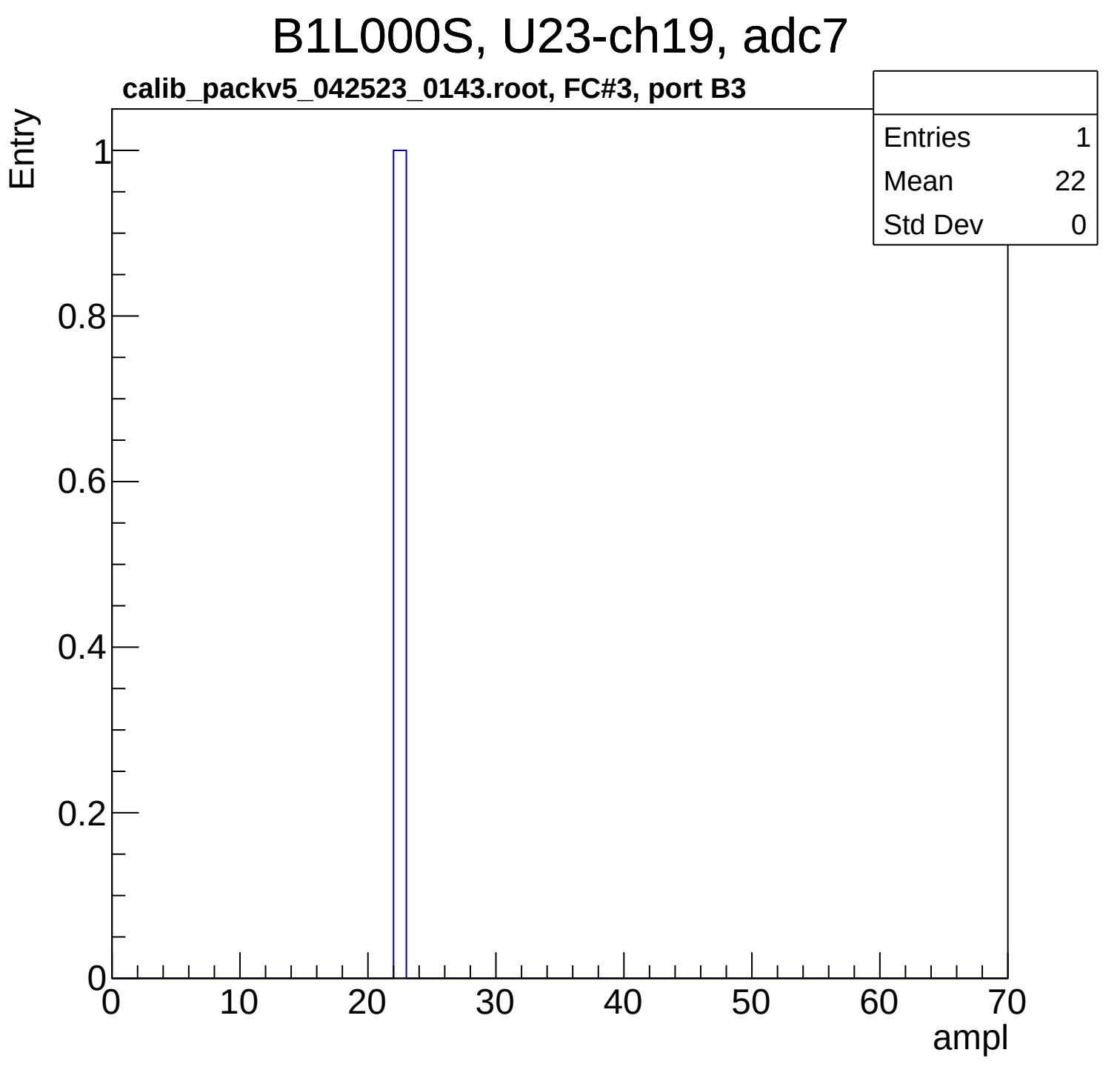
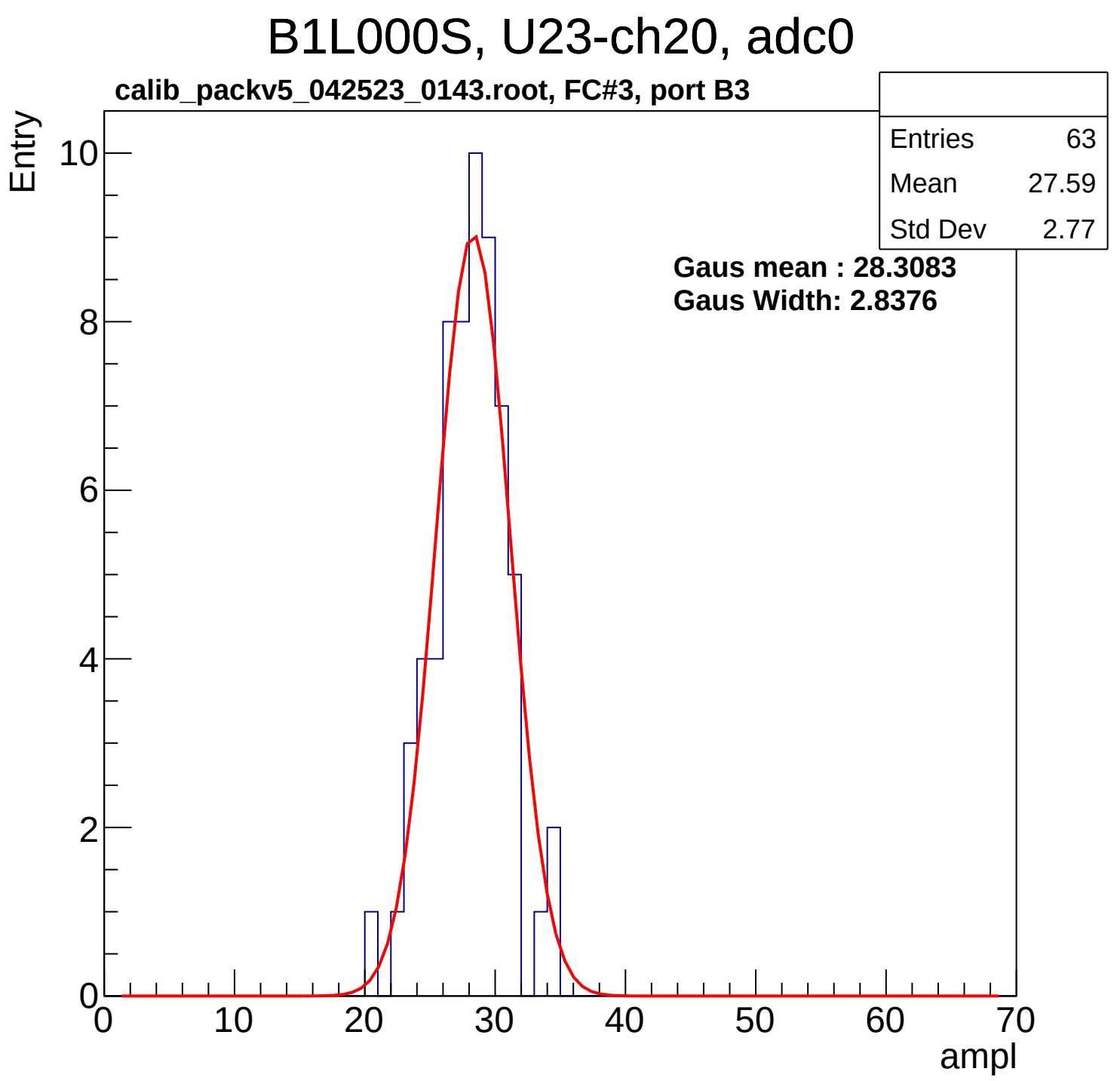

B1L000S, U23-ch19, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.75
Std Dev 1.422
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch19, 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
20
30
40
50
60
70
ampl


B1L000S, U23-ch20, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 27.59
Std Dev 2.77
Gaus mean : 28.3083
Gaus Width: 2.8376
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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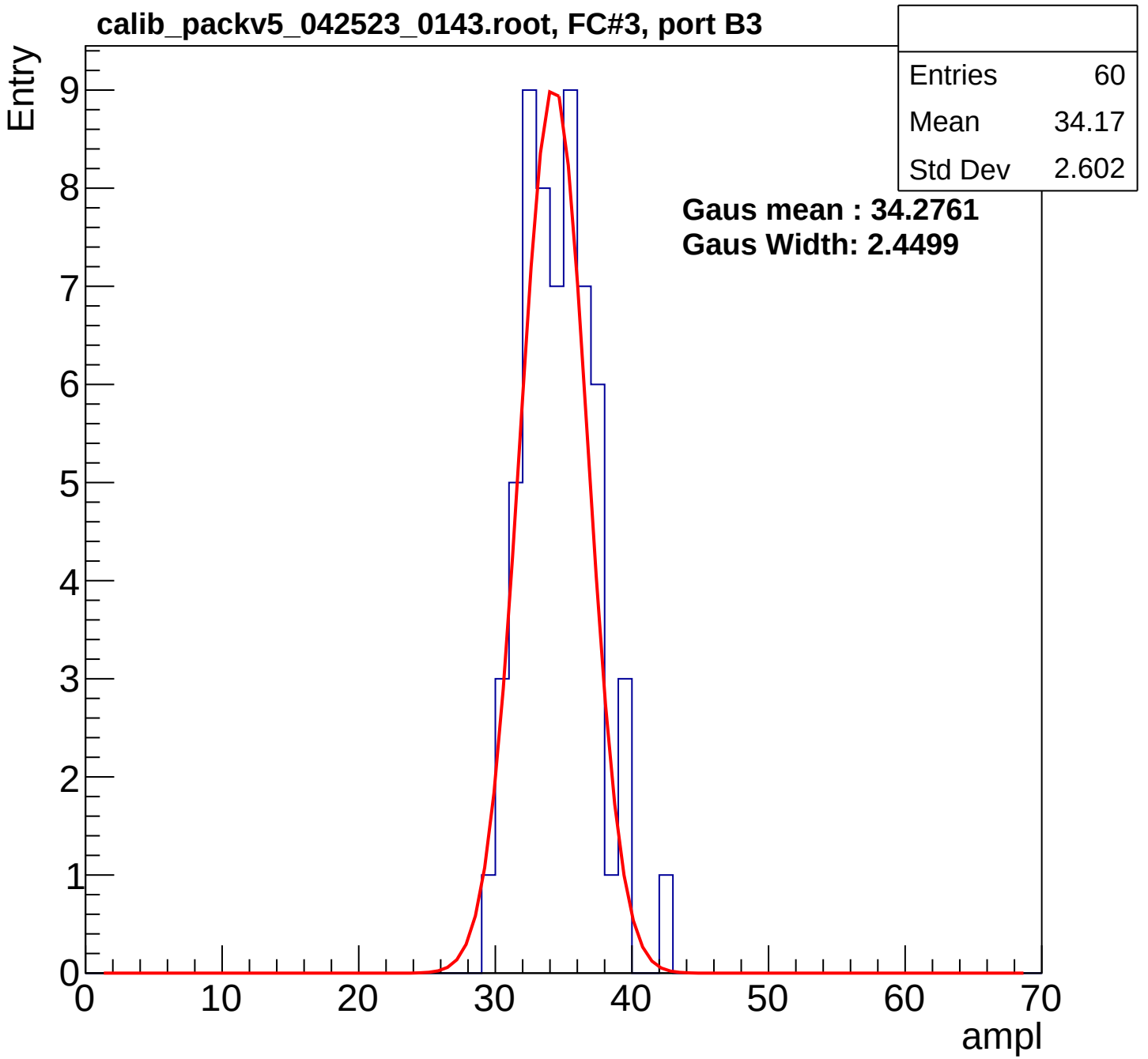
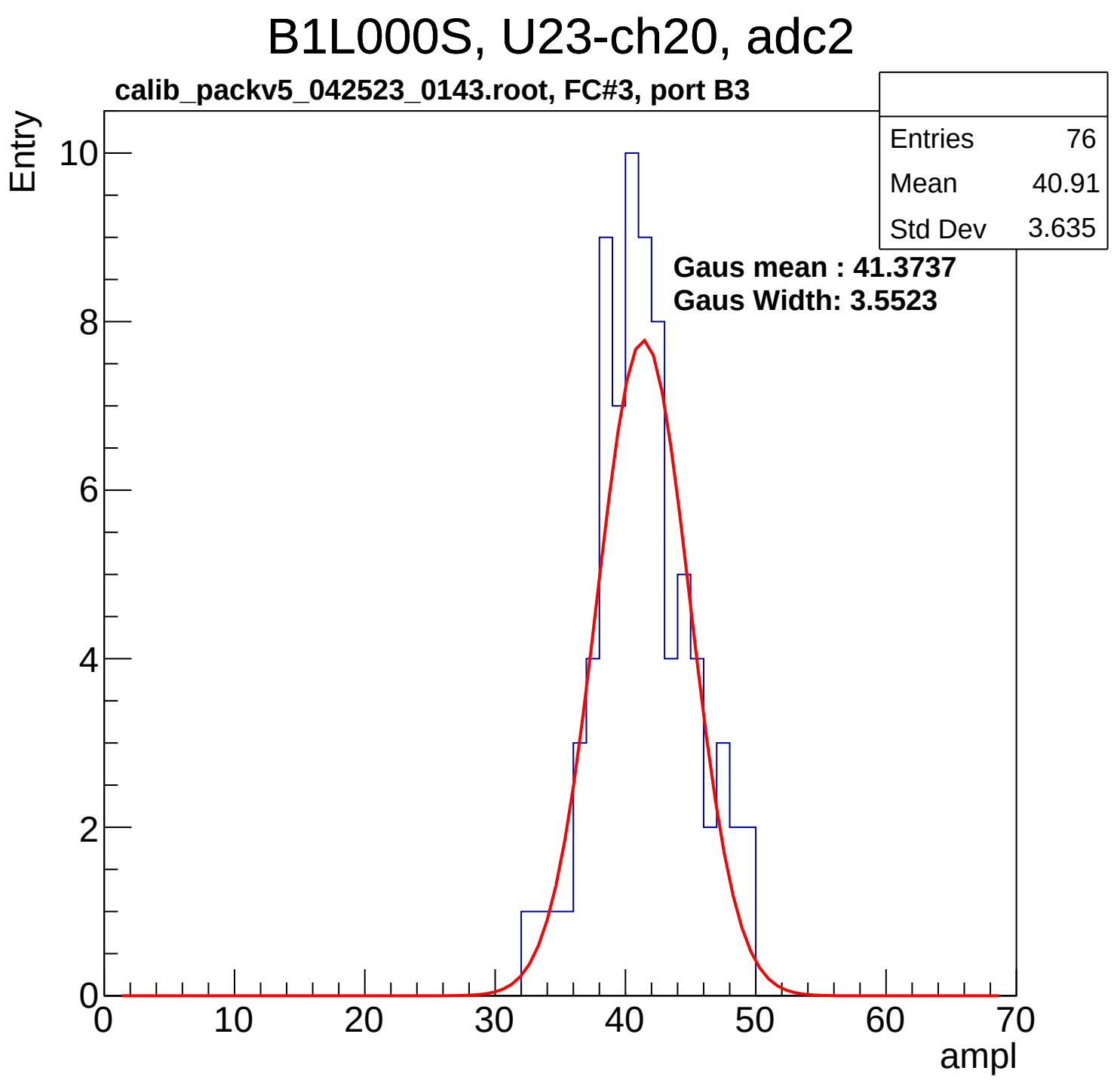

B1L000S, U23-ch20, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 34.17
Std Dev 2.602
Gaus mean : 34.2761
Gaus Width: 2.4499
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch20, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 40.91
Std Dev 3.635
Gaus mean : 41.3737
Gaus Width: 3.5523
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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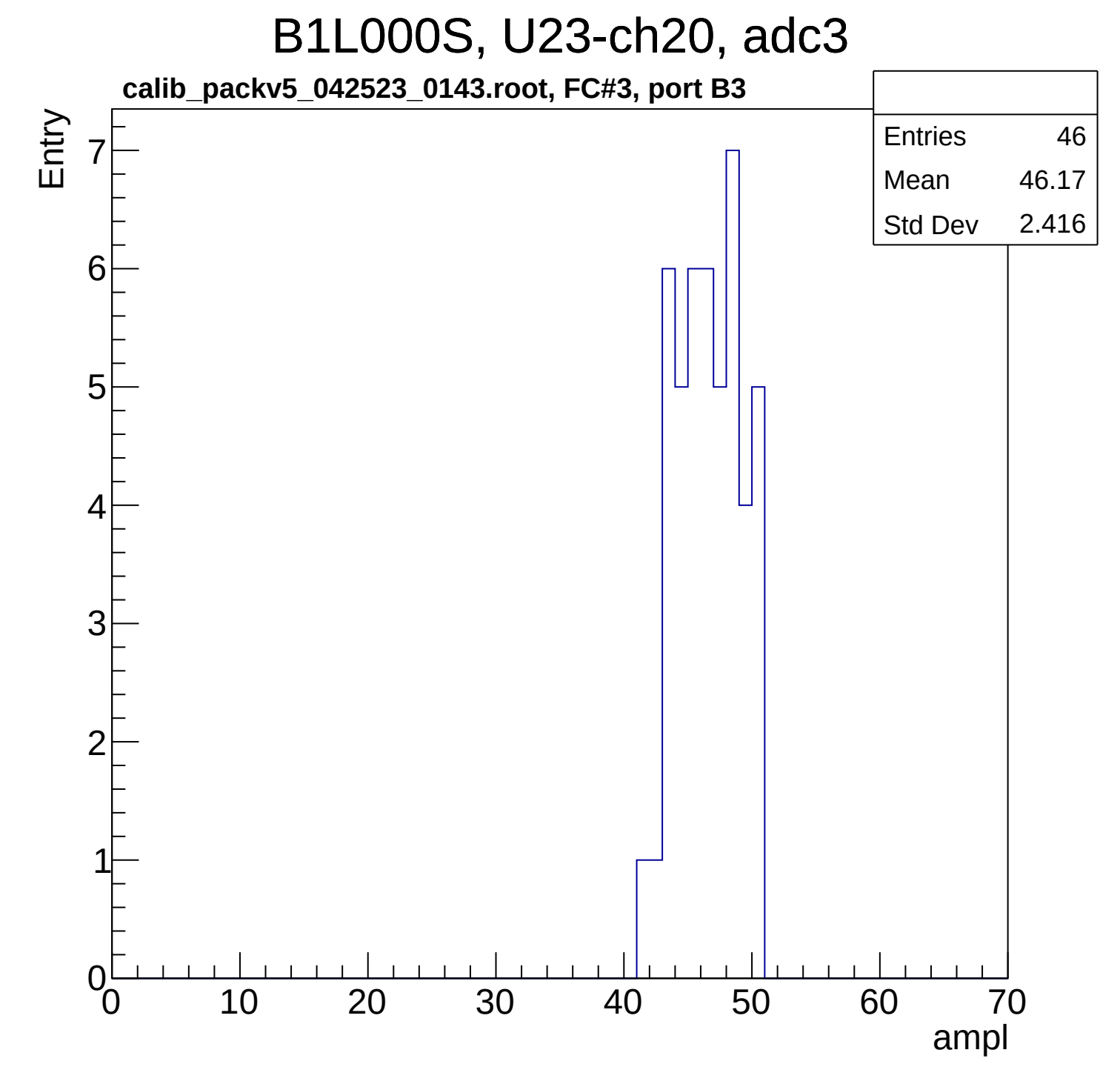
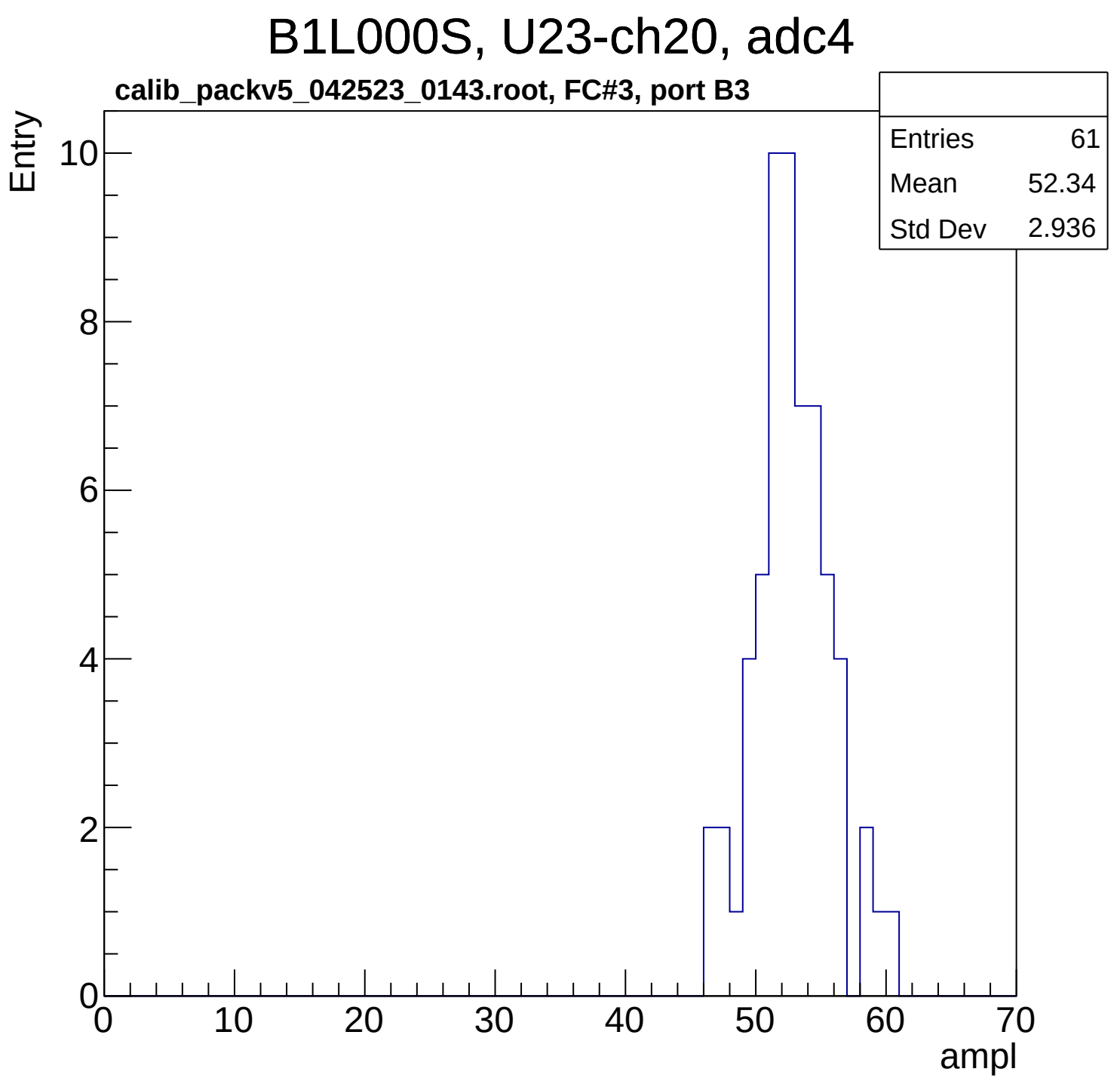
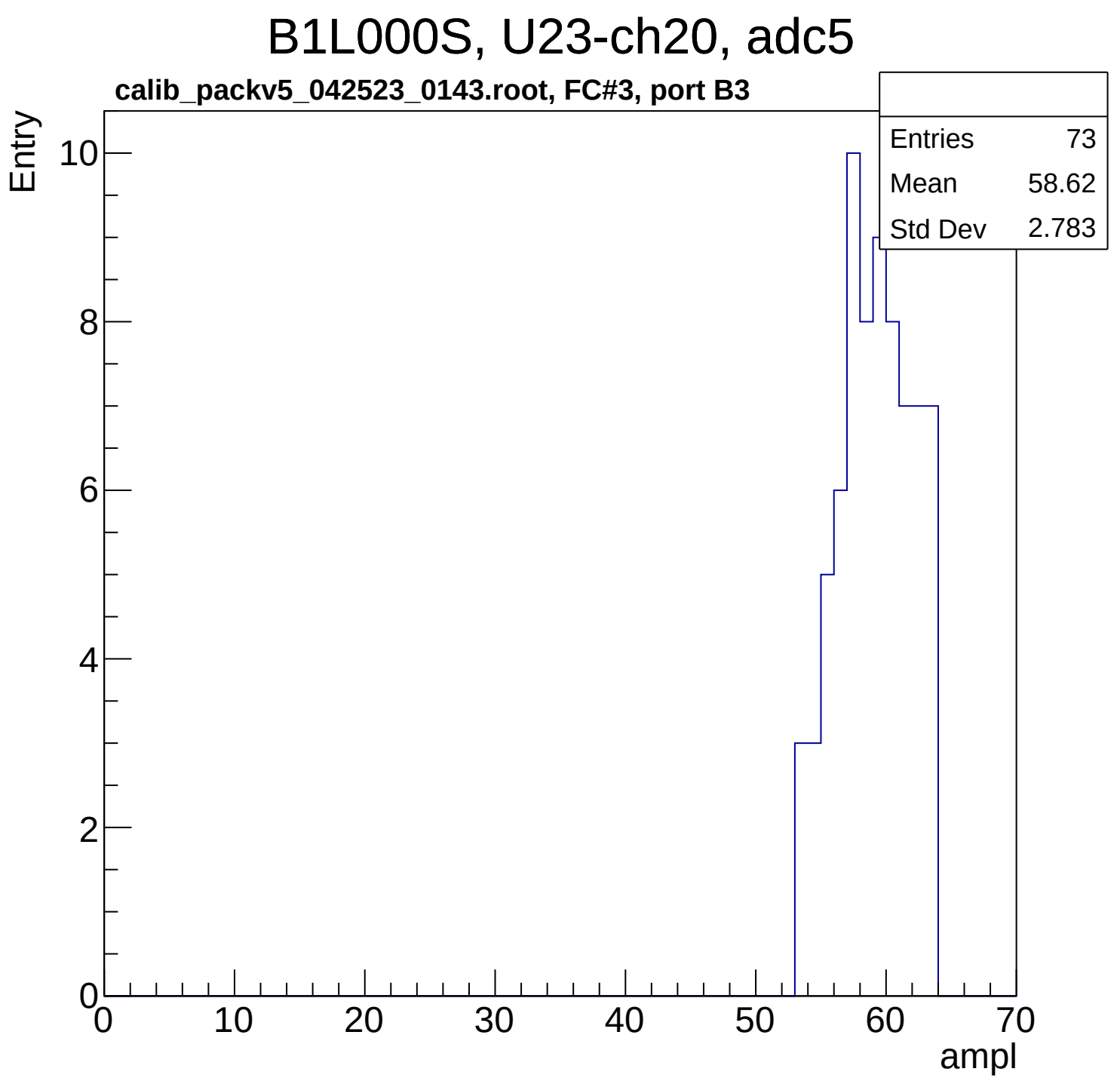
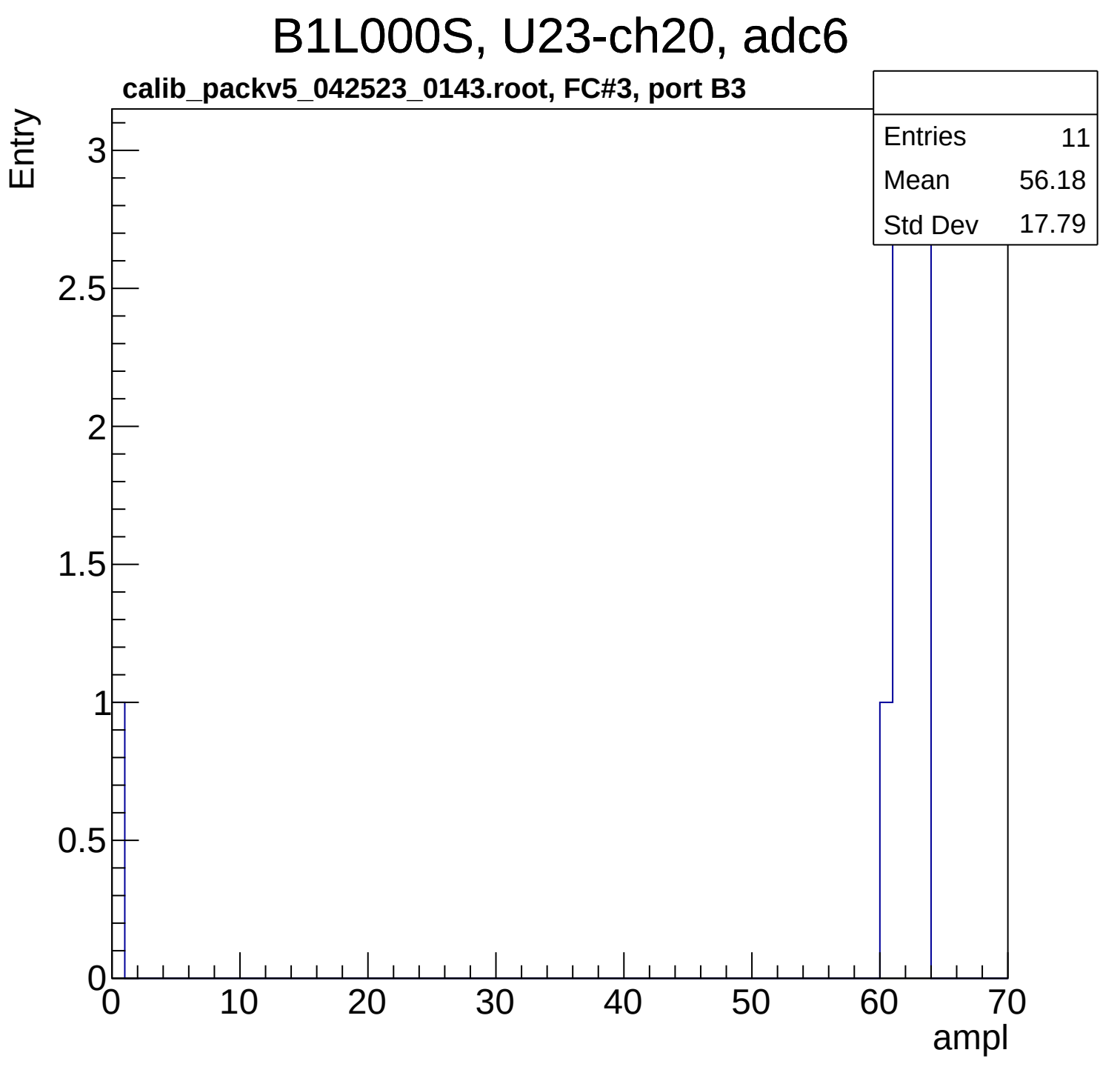

B1L000S, U23-ch20, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 46.17
Std Dev 2.416
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch20, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 52.34
Std Dev 2.936
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch20, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 58.62
Std Dev 2.783
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch20, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.18
Std Dev 17.79
Entry
ampl
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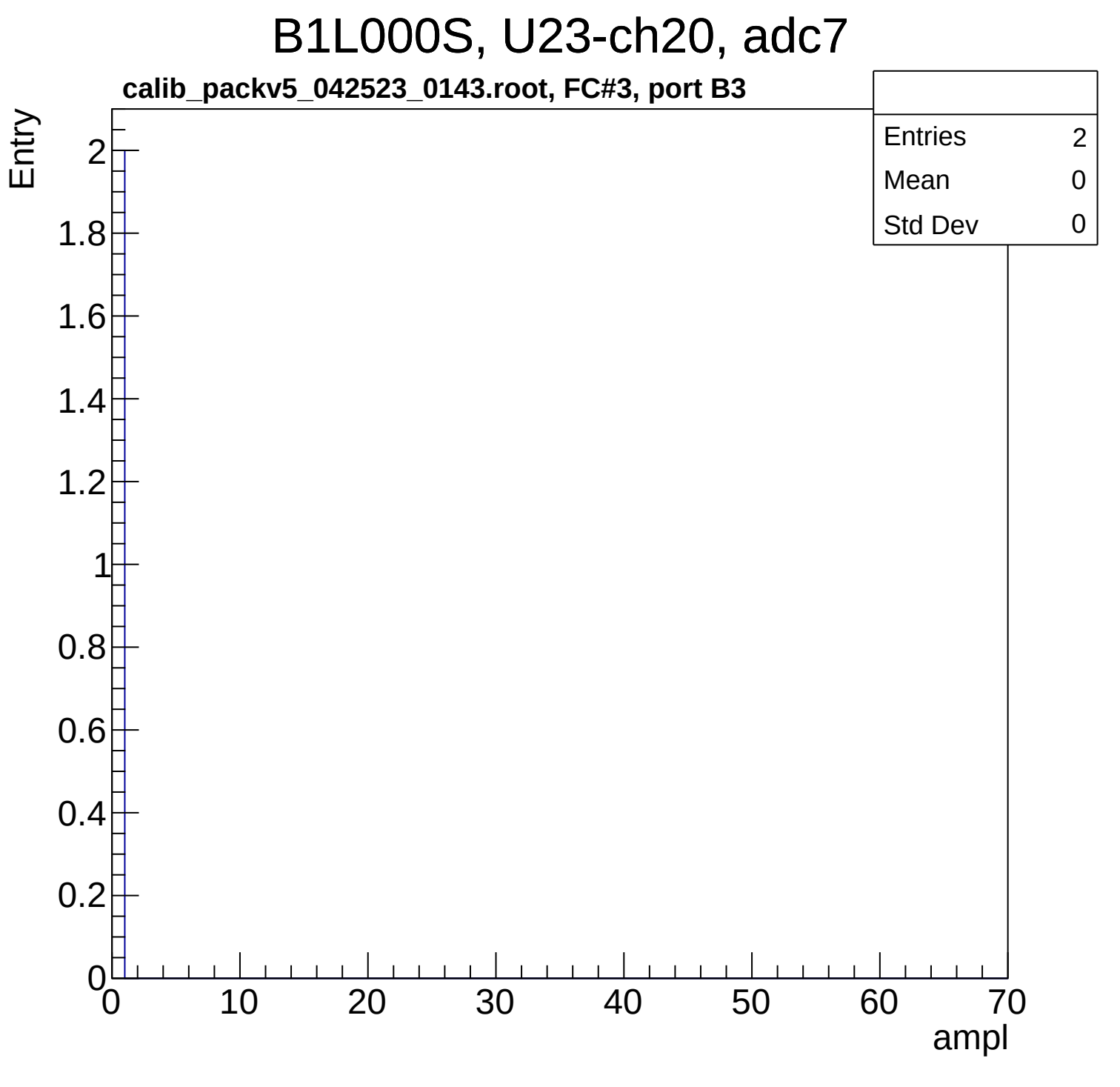
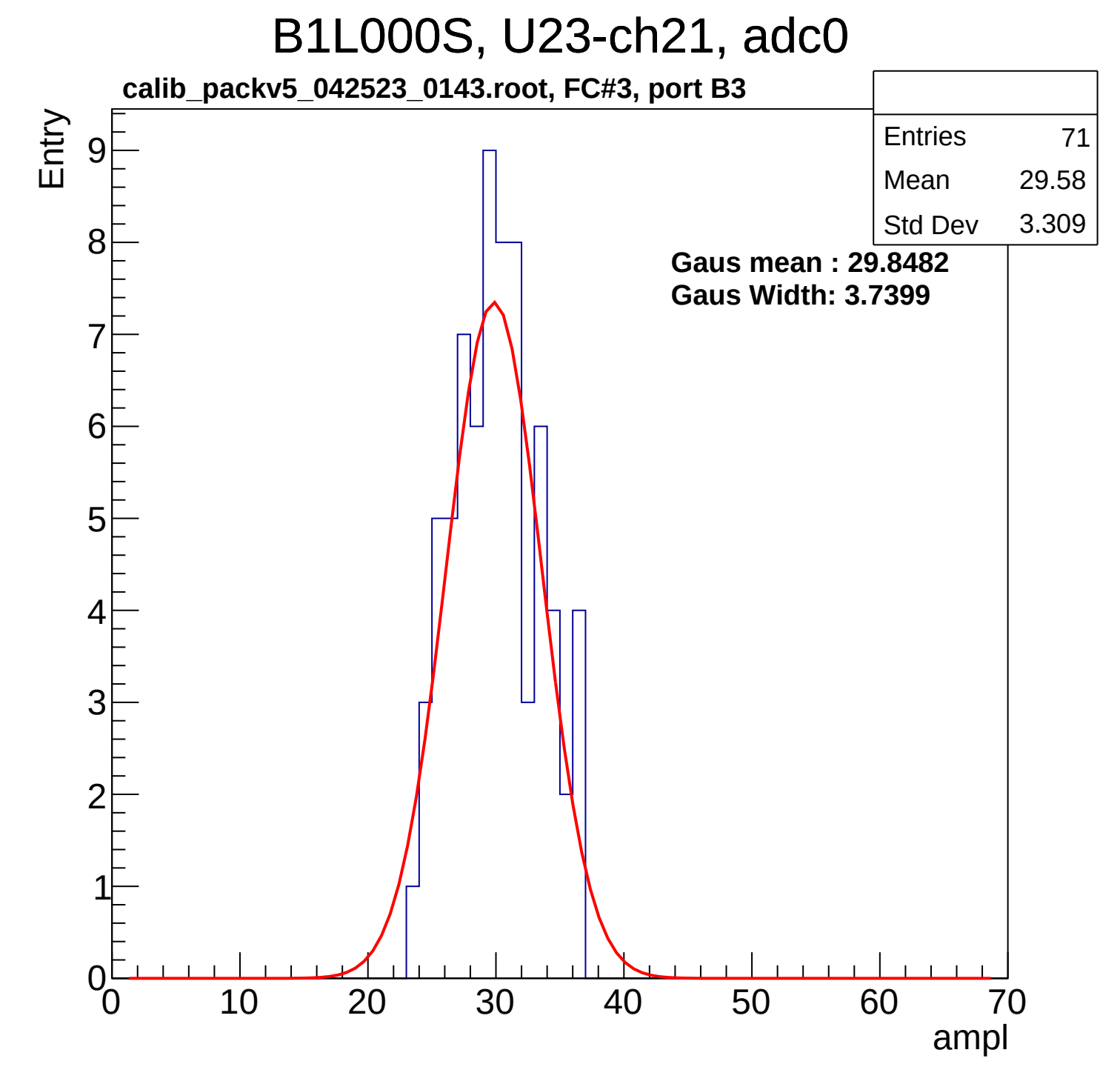
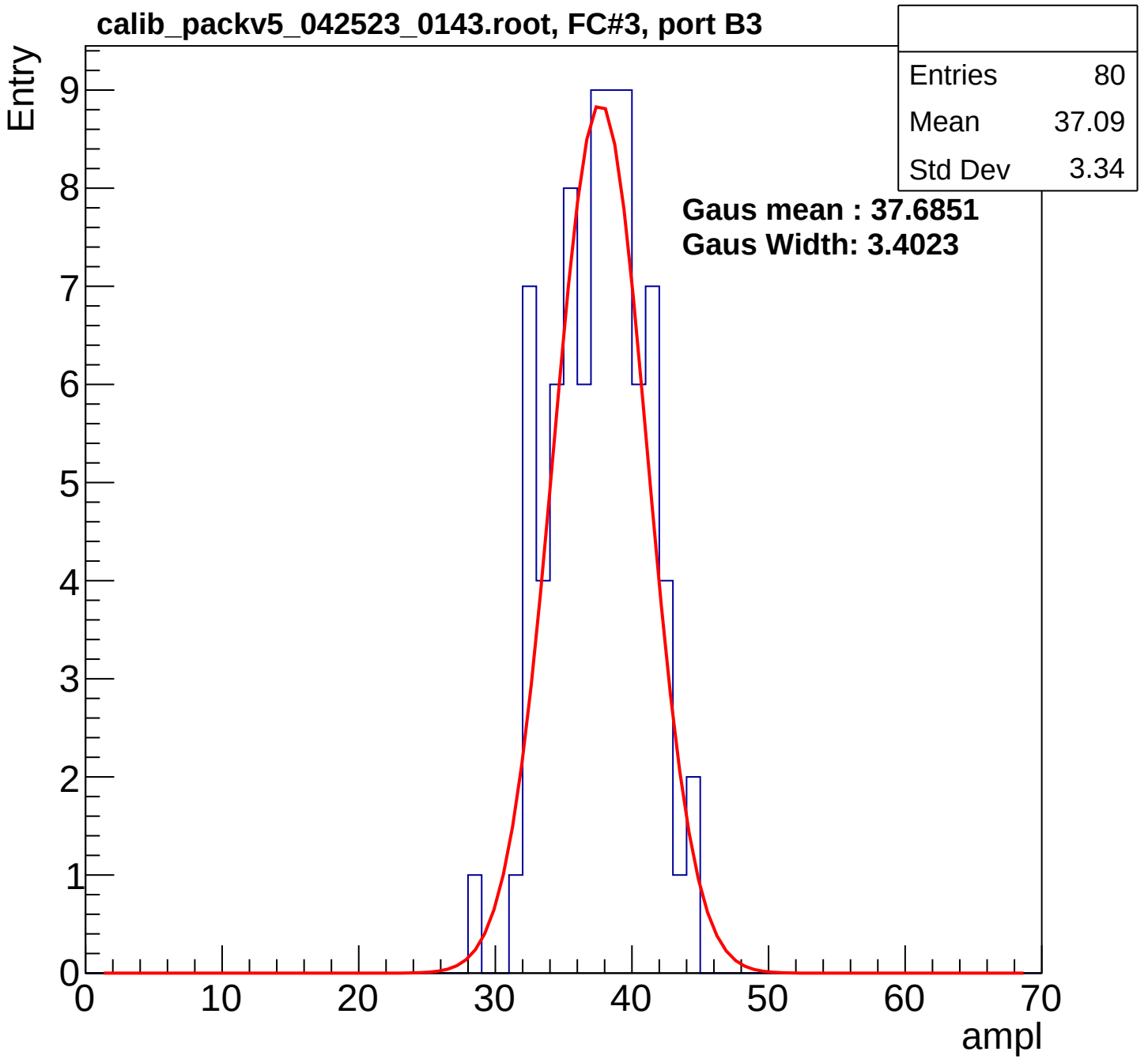
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U23-ch20, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
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
ampl


B1L000S, U23-ch21, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.58
Std Dev 3.309
Gaus mean : 29.8482
Gaus Width: 3.7399
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch21, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 37.09
Std Dev 3.34
Gaus mean : 37.6851
Gaus Width: 3.4023
Entry
ampl
0
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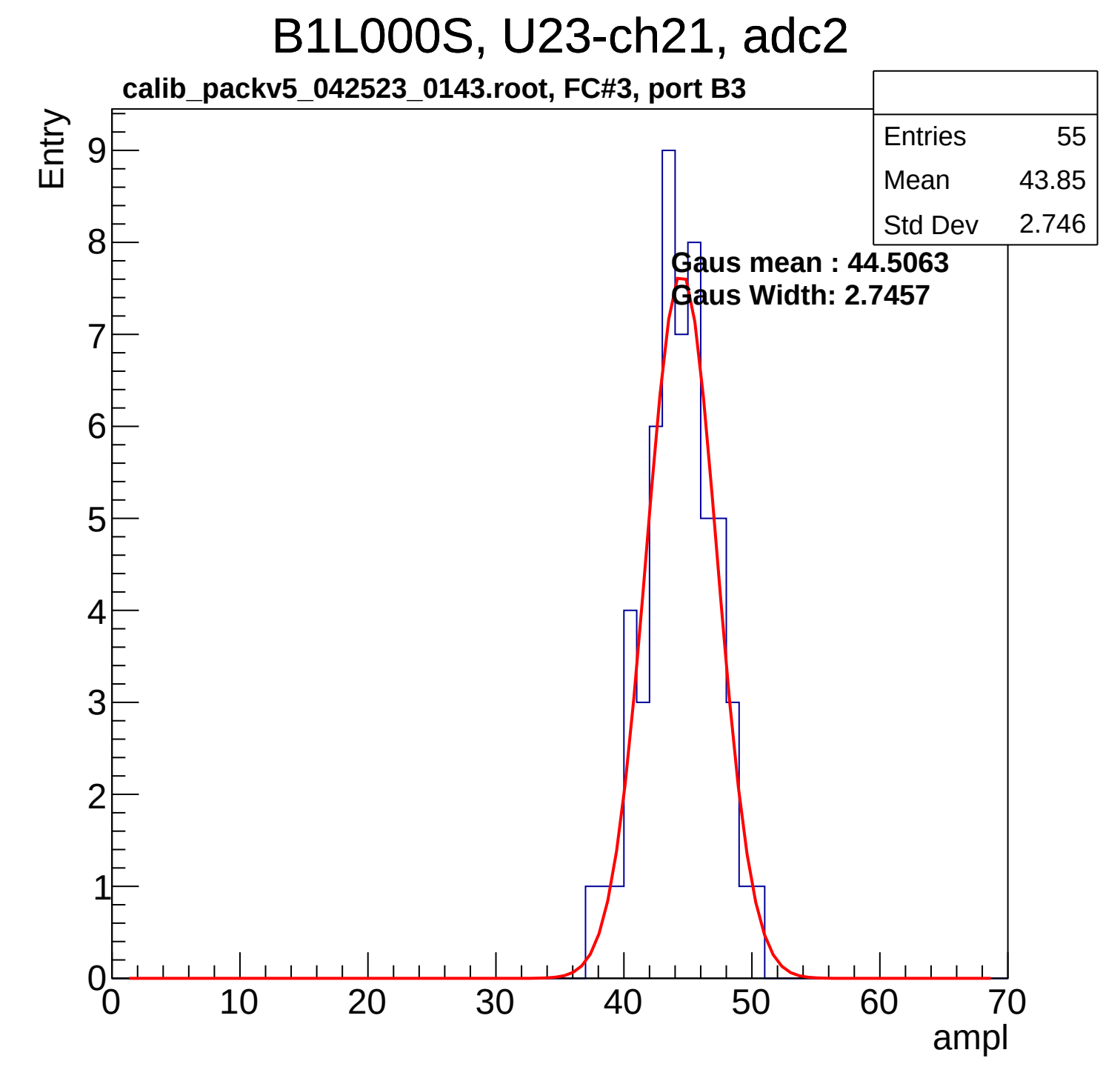
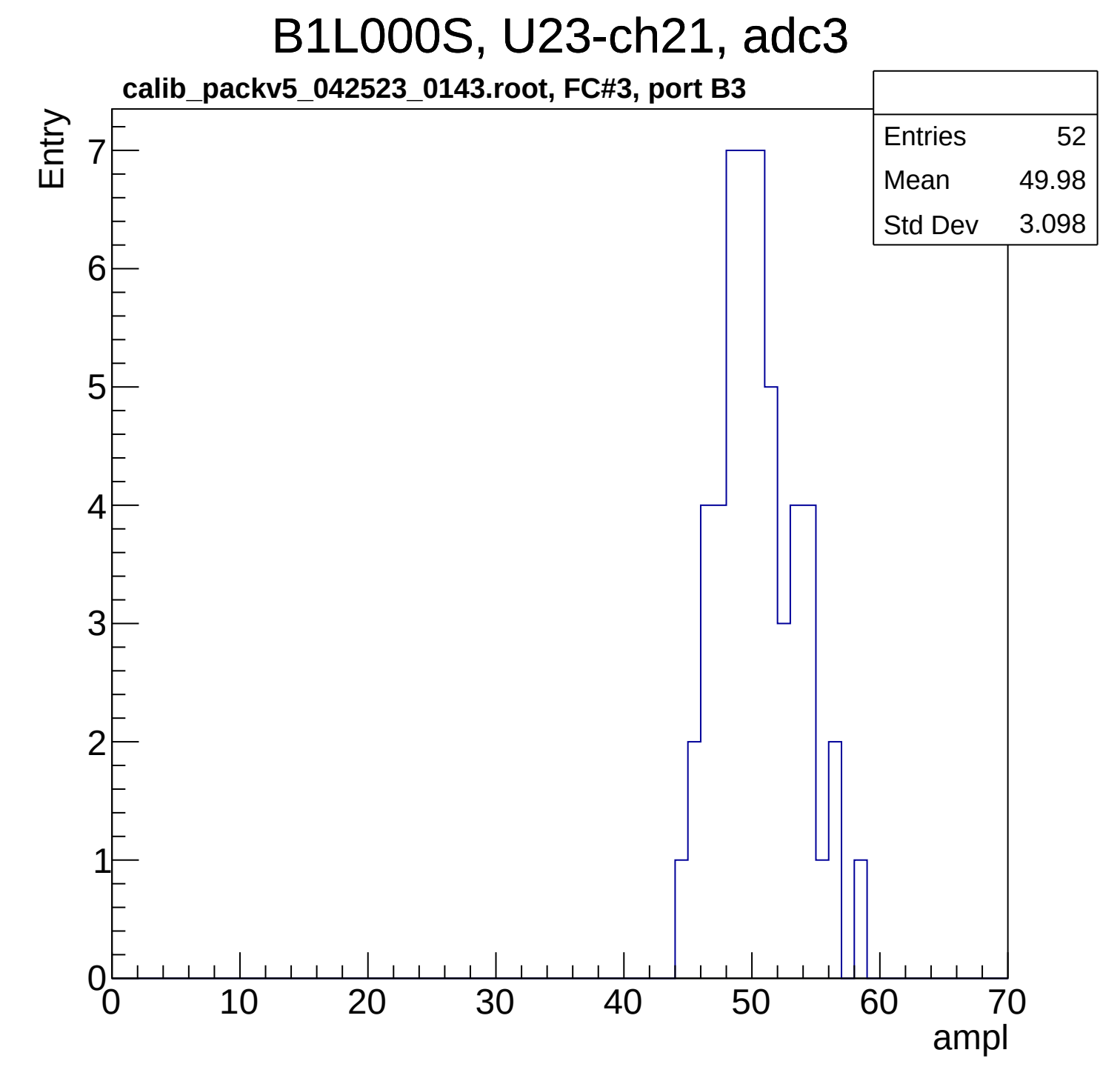
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch21, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 43.85
Std Dev 2.746
Gaus mean : 44.5063
Gaus Width: 2.7457
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch21, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 49.98
Std Dev 3.098
Entry
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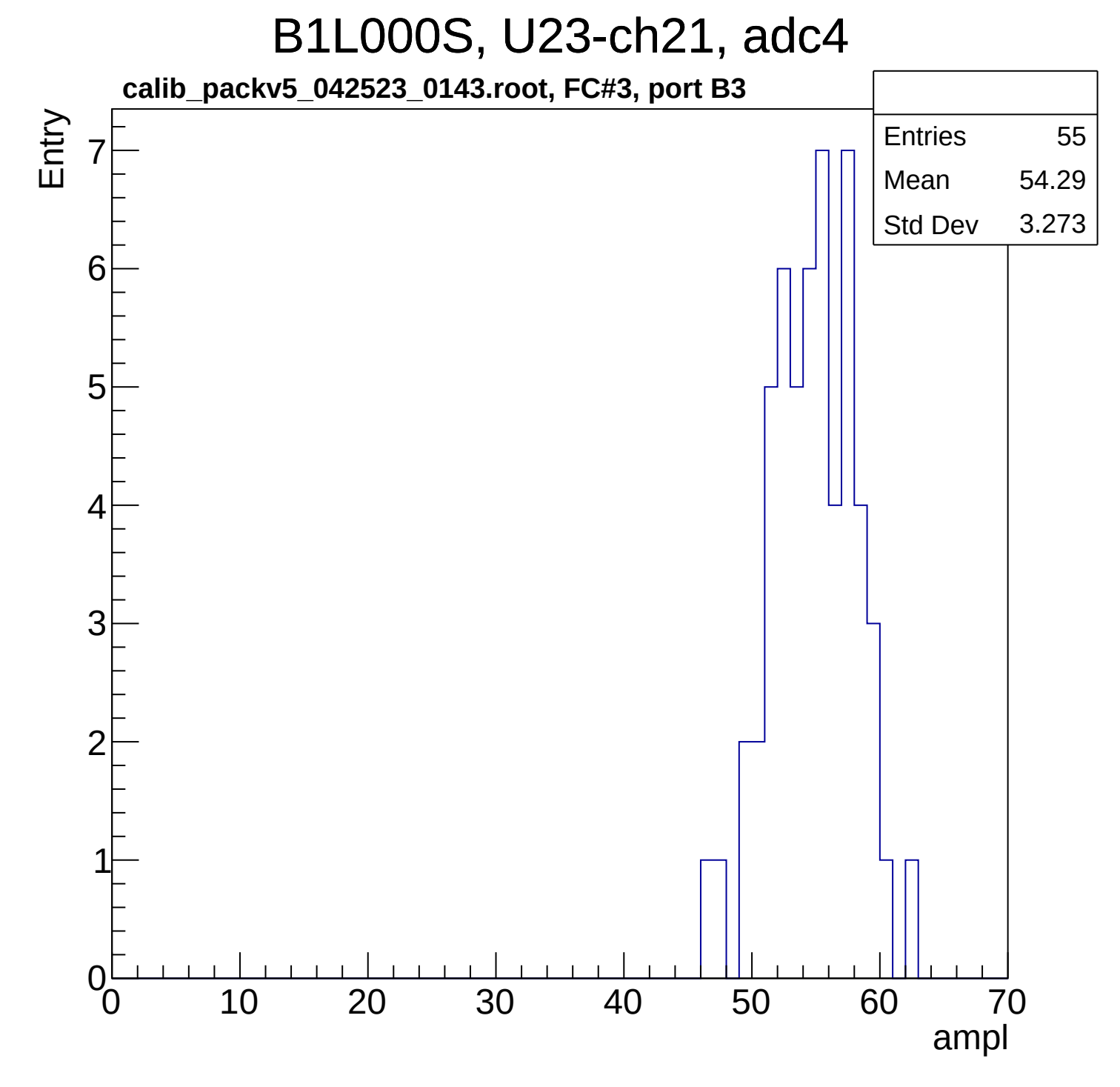
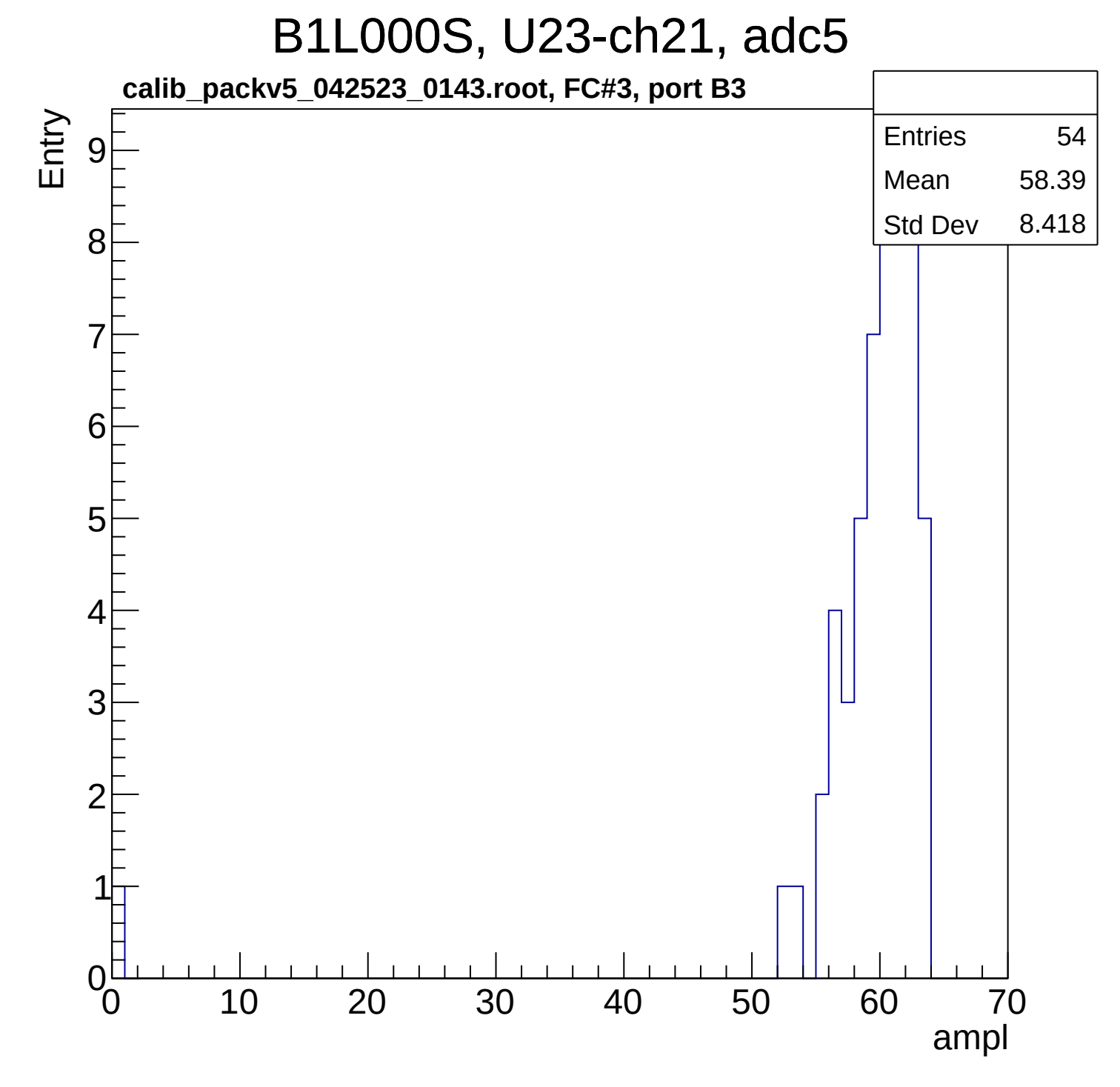
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch21, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54.29
Std Dev 3.273
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch21, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.39
Std Dev 8.418
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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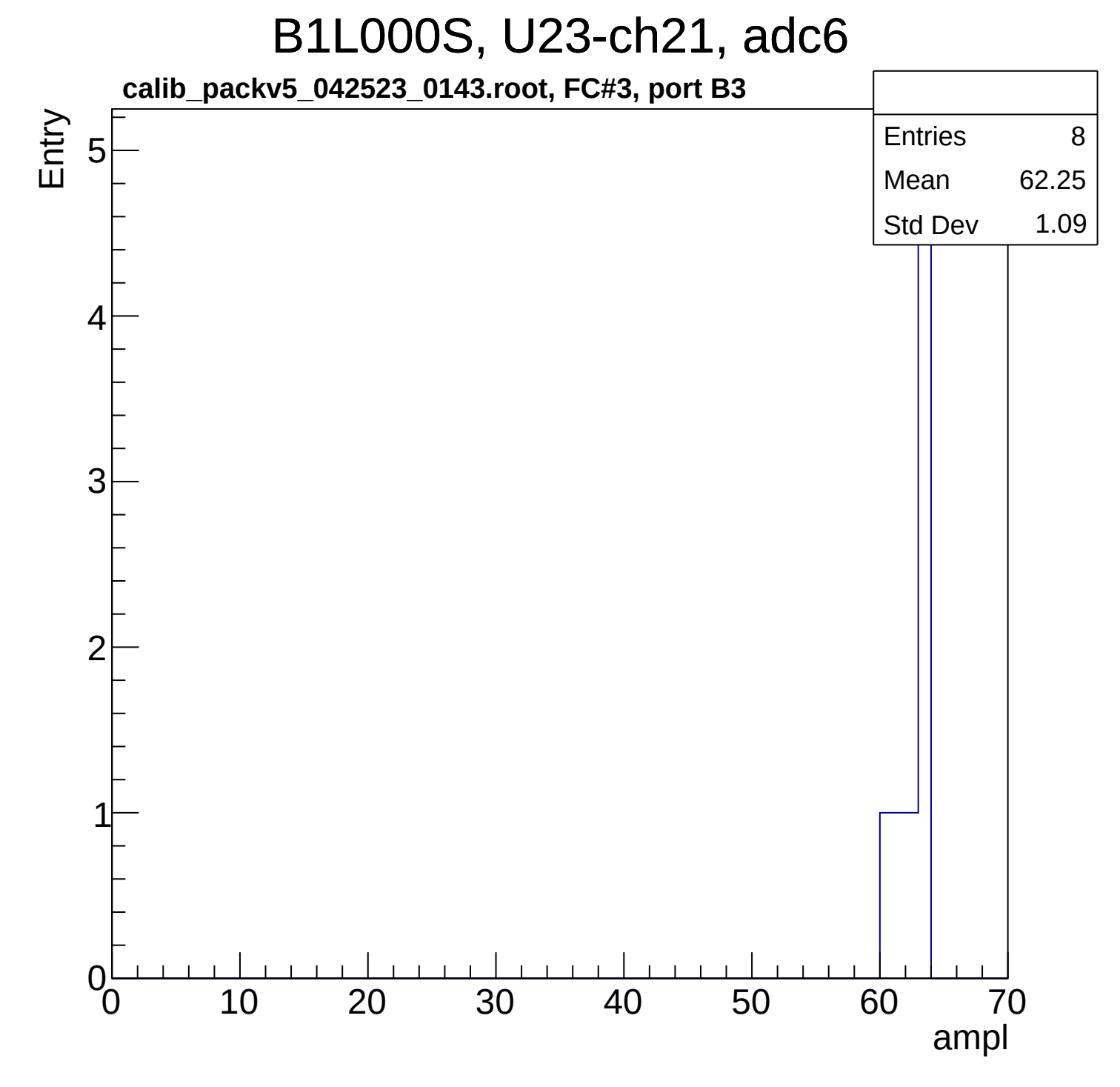
B1L000S, U23-ch21, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.25
Std Dev 1.09
Entry
0
1
2
3
4
5
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10
20
30
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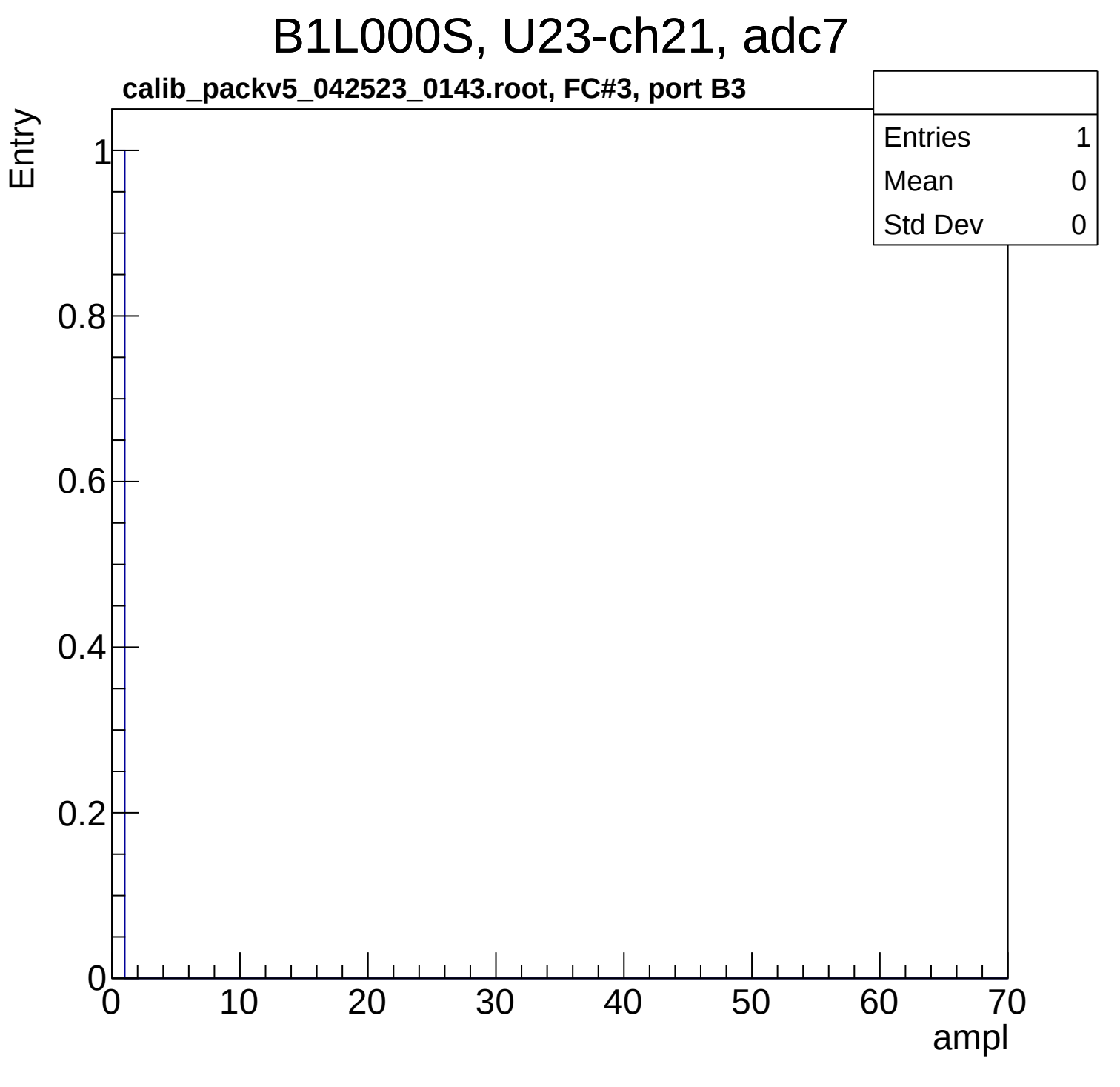
50
60
70
ampl


B1L000S, U23-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
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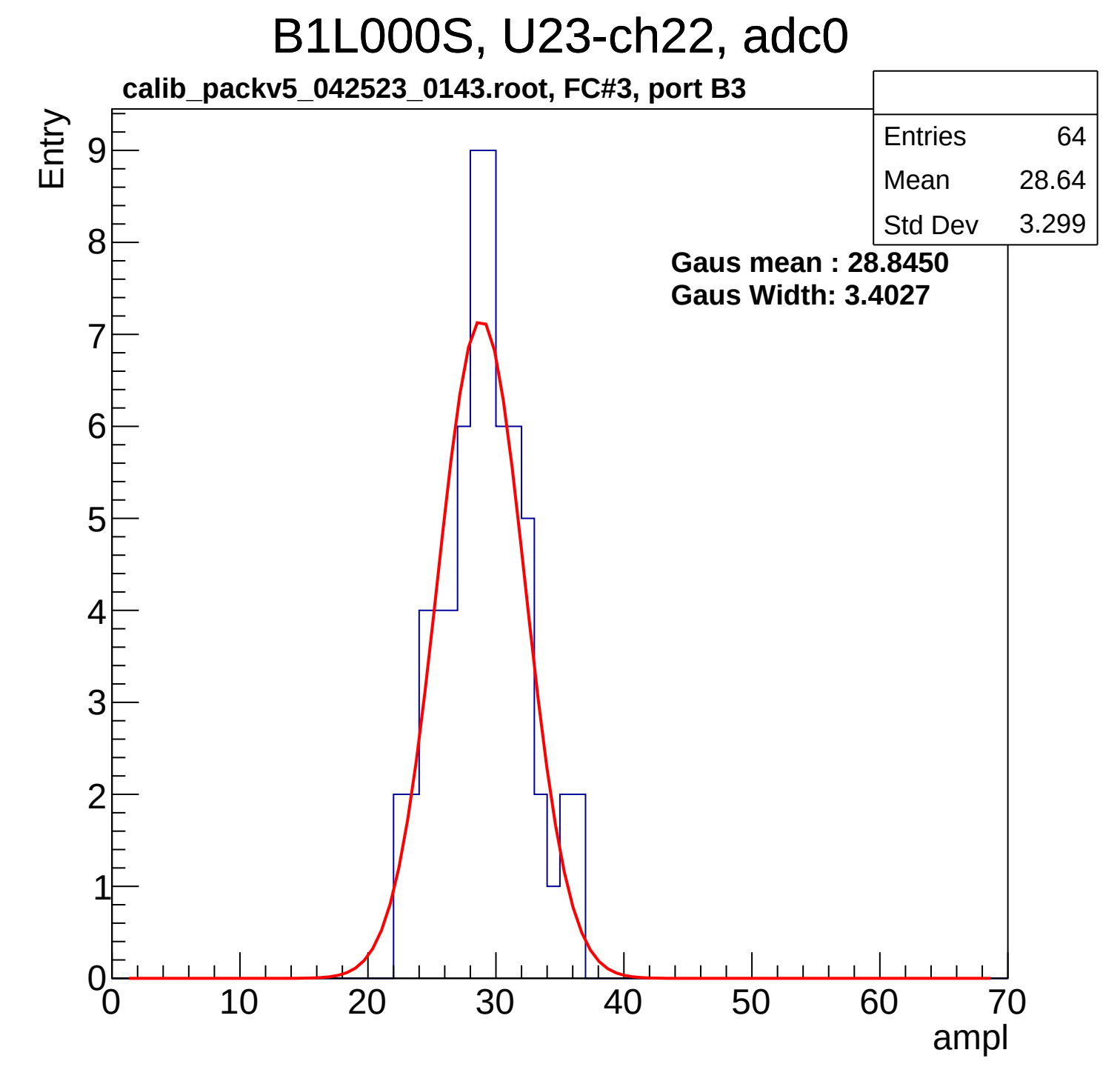
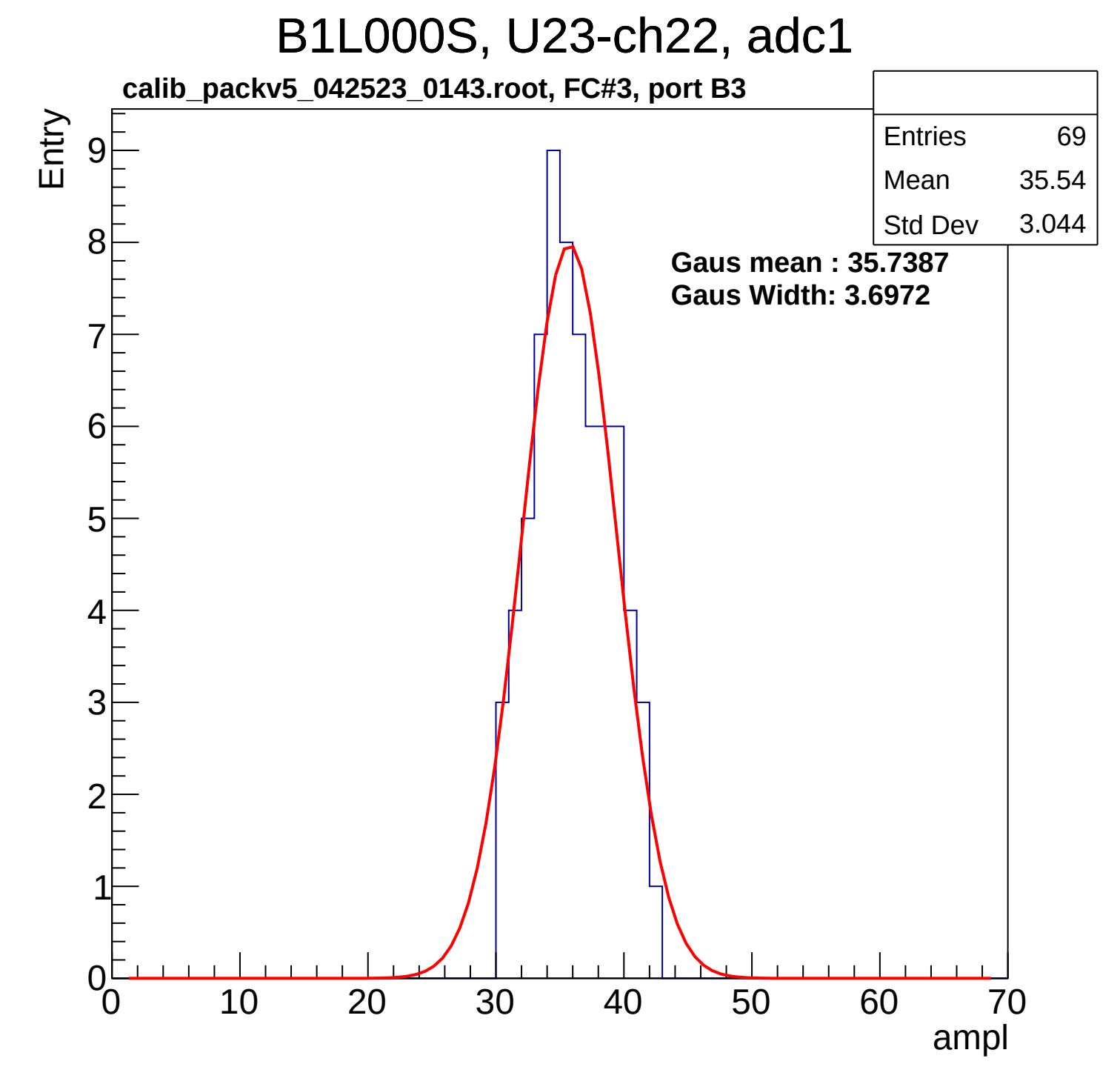
50
60
70
ampl


B1L000S, U23-ch22, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.64
Std Dev 3.299
Gaus mean : 28.8450
Gaus Width: 3.4027
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch22, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.54
Std Dev 3.044
Gaus mean : 35.7387
Gaus Width: 3.6972
Entry
ampl
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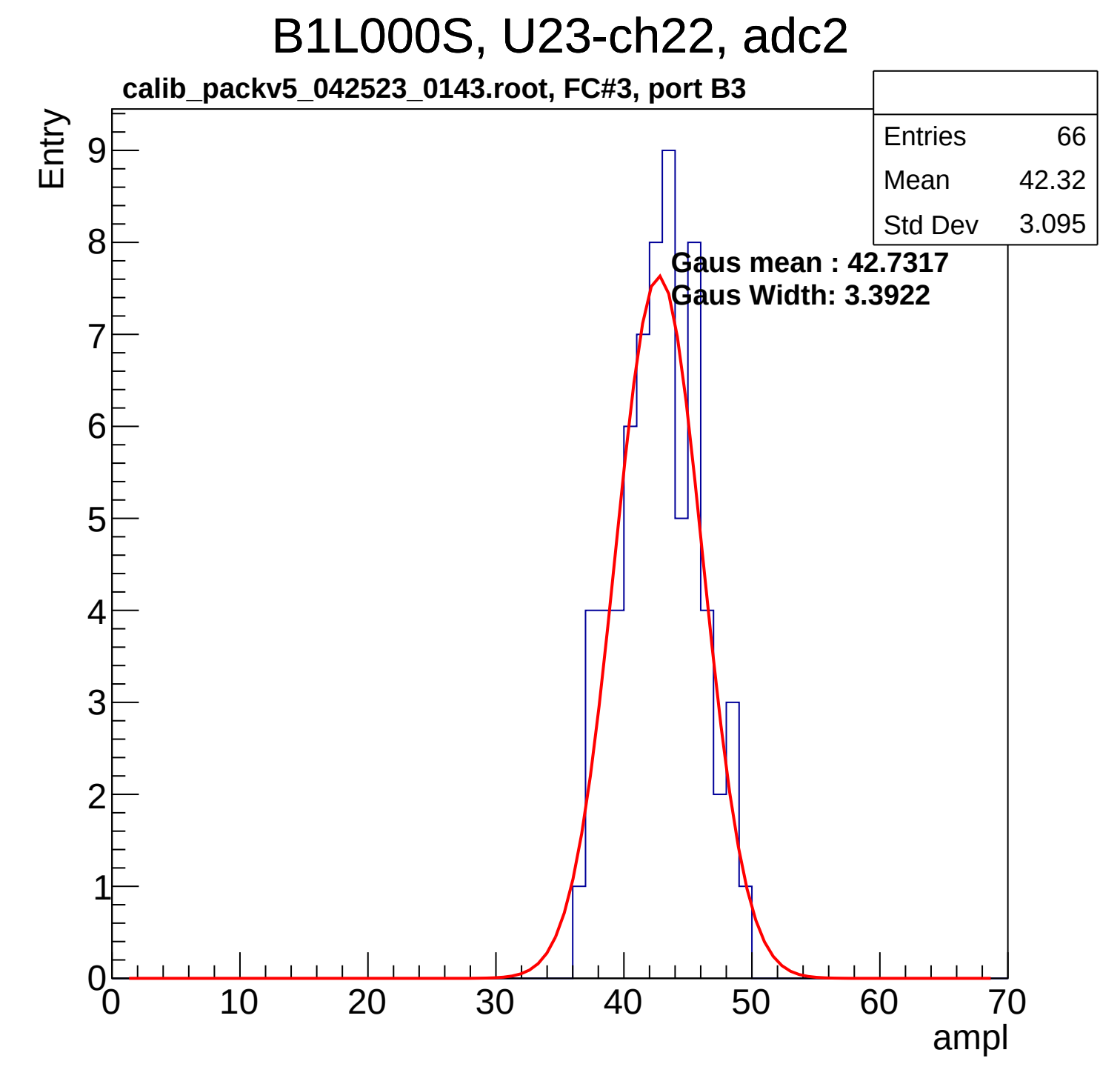
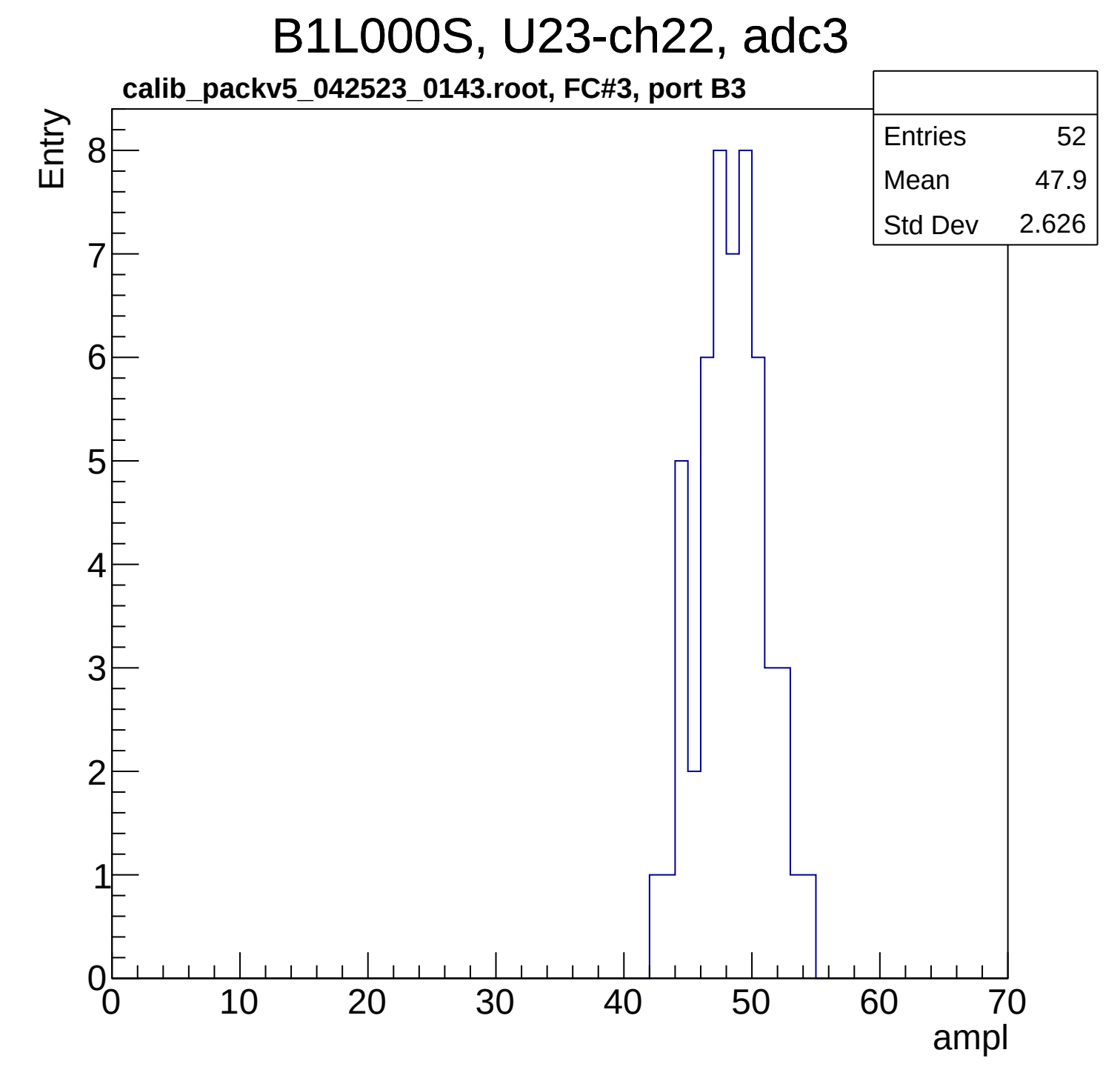
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch22, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 42.32
Std Dev 3.095
Gaus mean : 42.7317
Gaus Width: 3.3922
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch22, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.9
Std Dev 2.626
Entry
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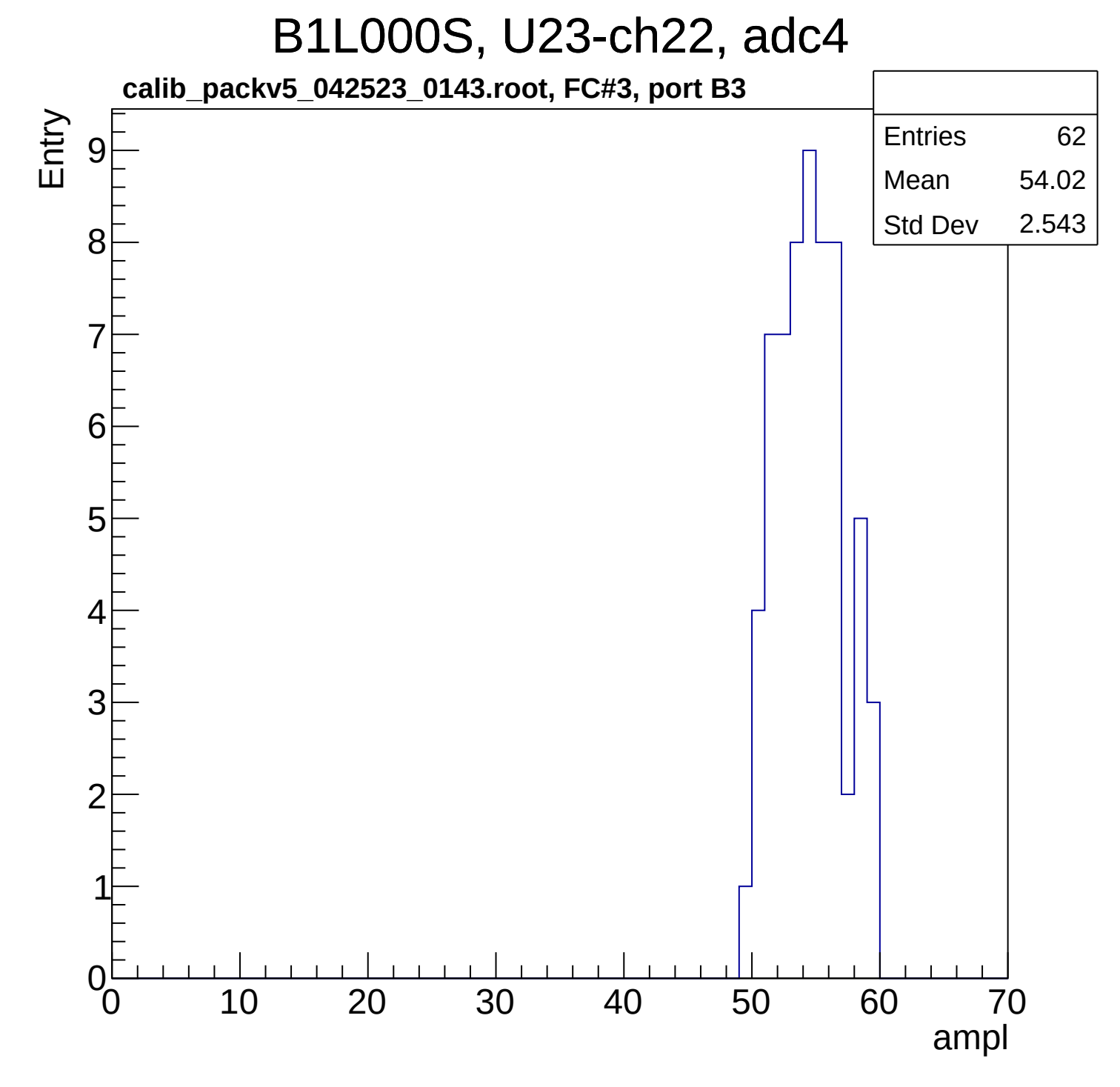
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch22, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 54.02
Std Dev 2.543
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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60
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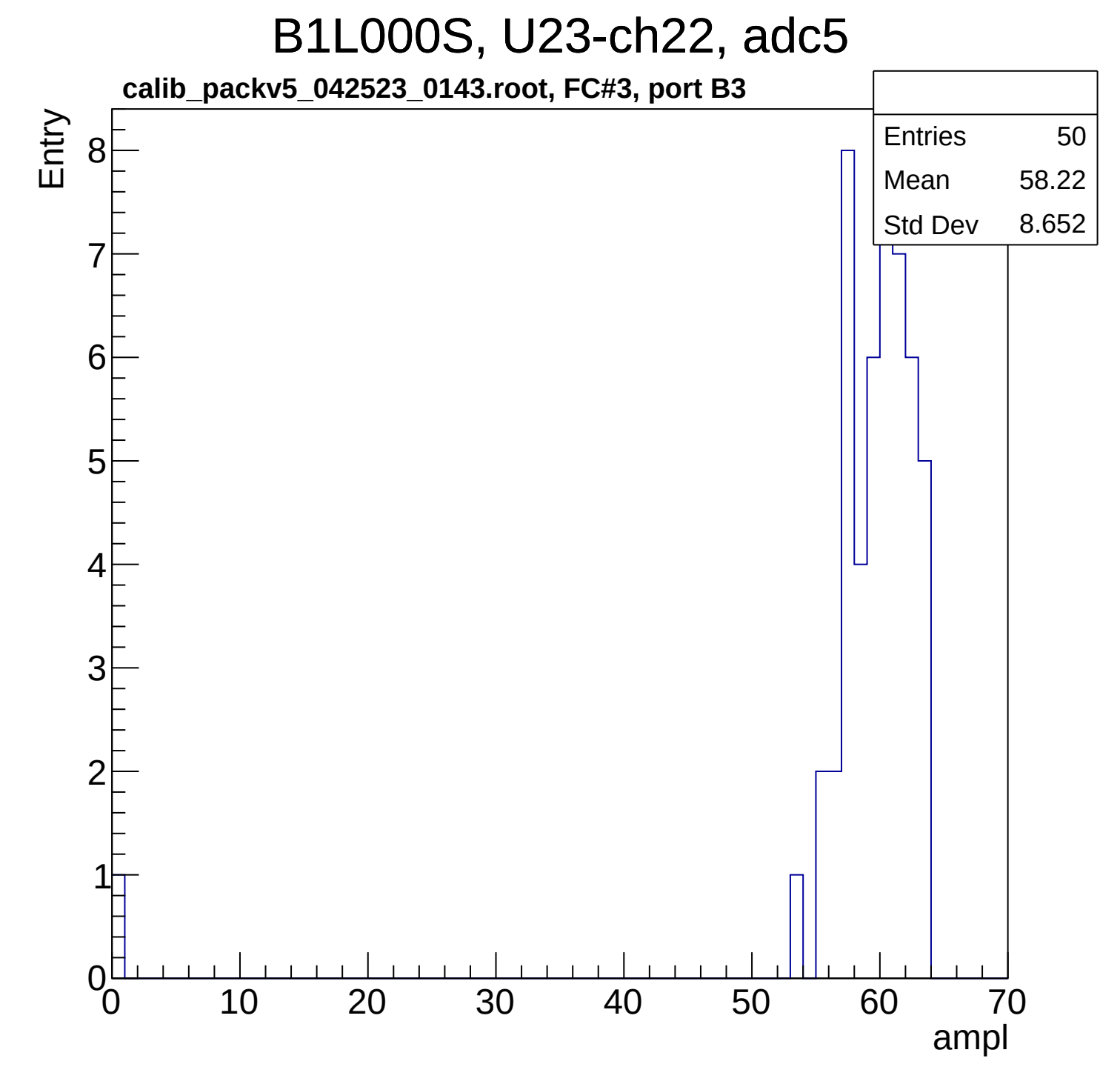
B1L000S, U23-ch22, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.22
Std Dev 8.652
Entry
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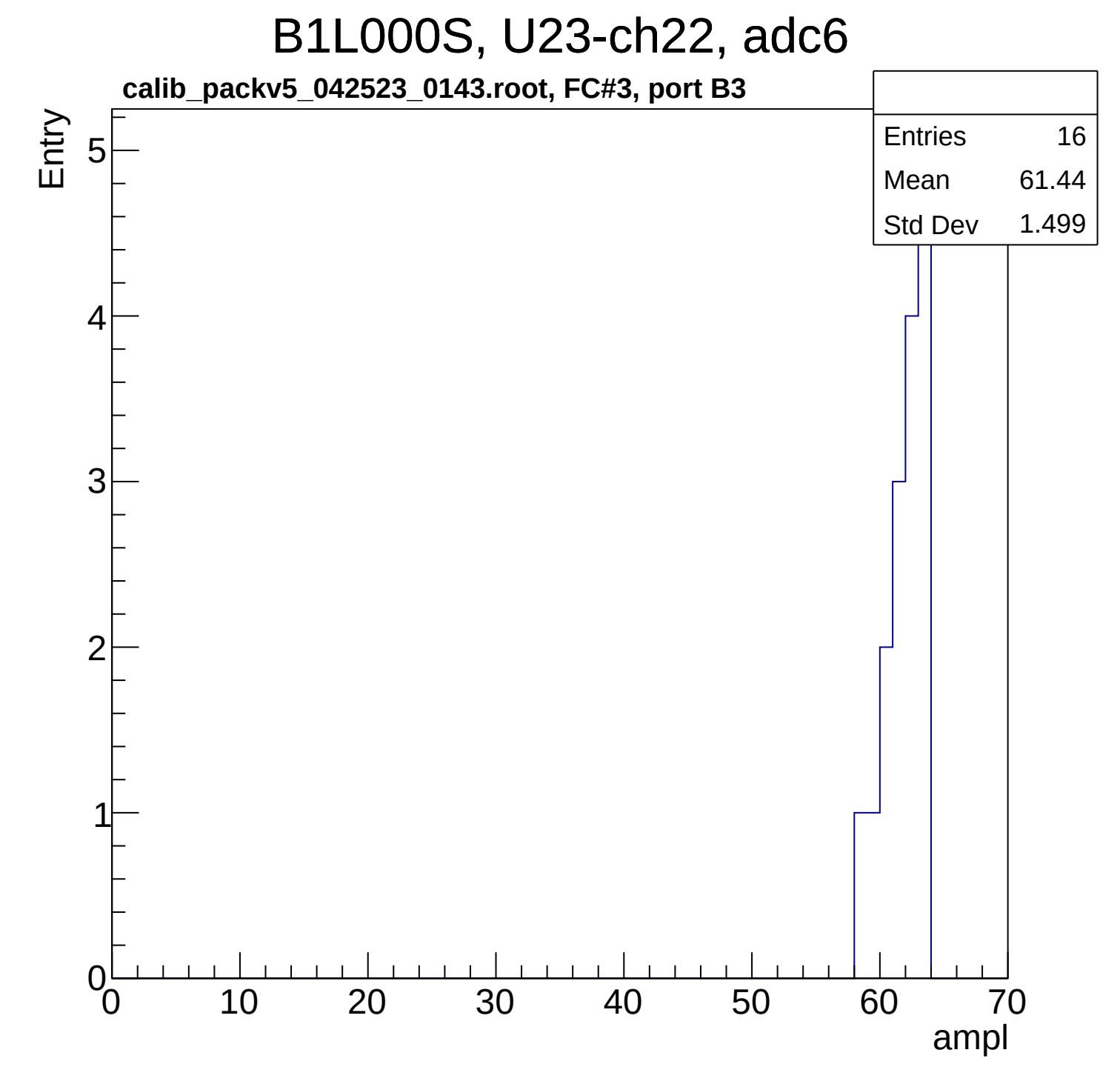
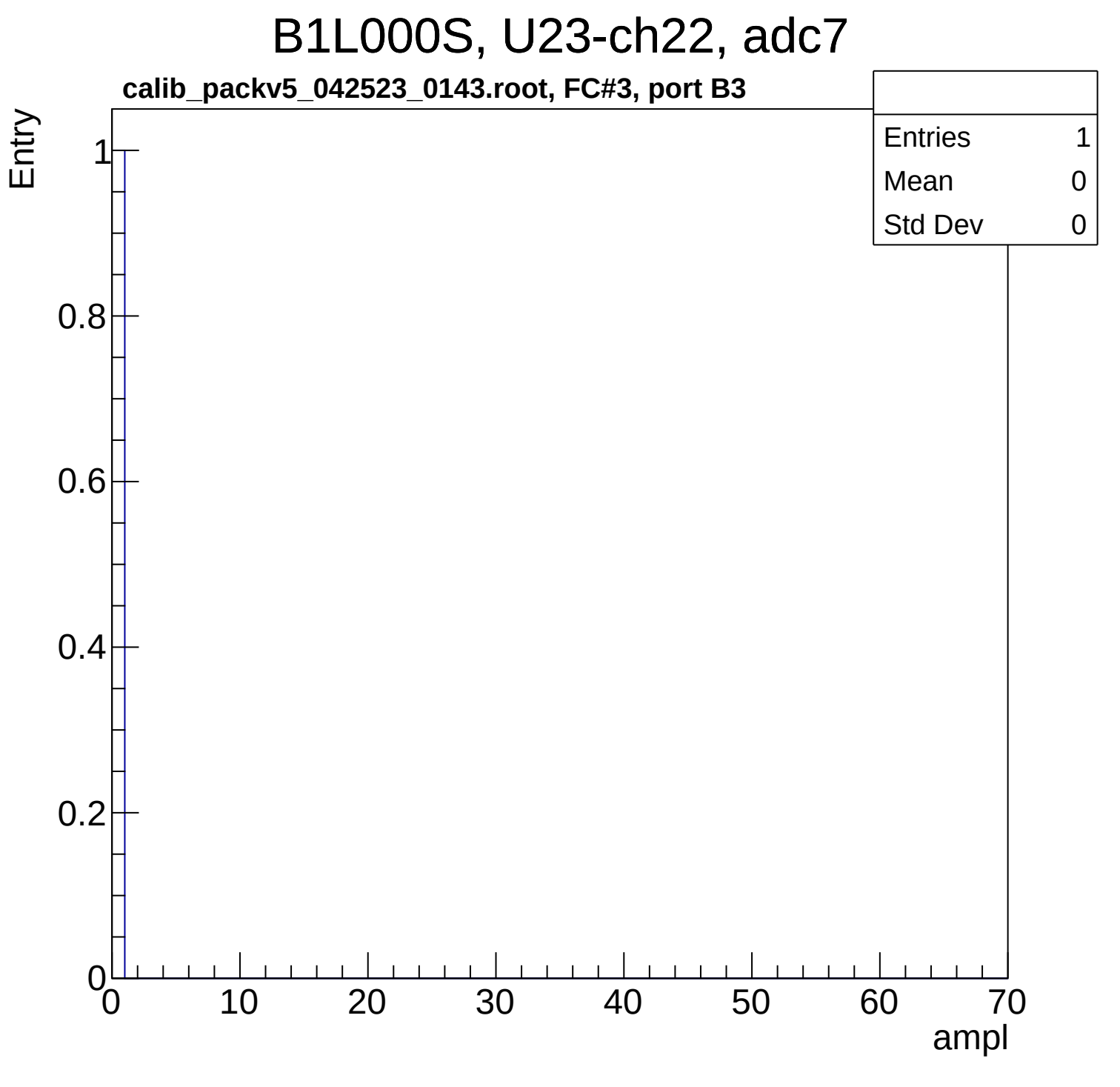
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch22, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.44
Std Dev 1.499
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch22, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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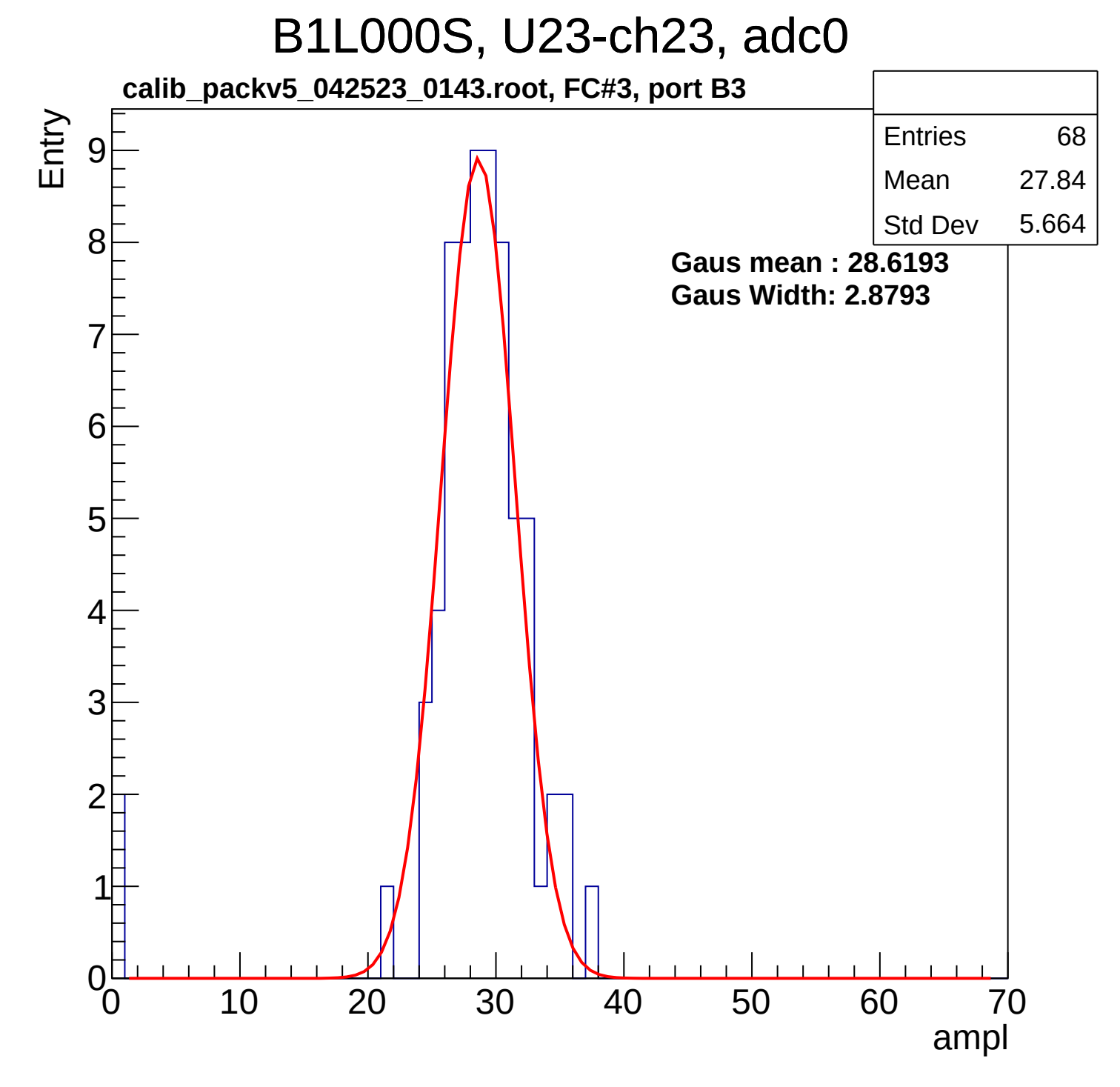
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch23, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 27.84
Std Dev 5.664
Gaus mean : 28.6193
Gaus Width: 2.8793
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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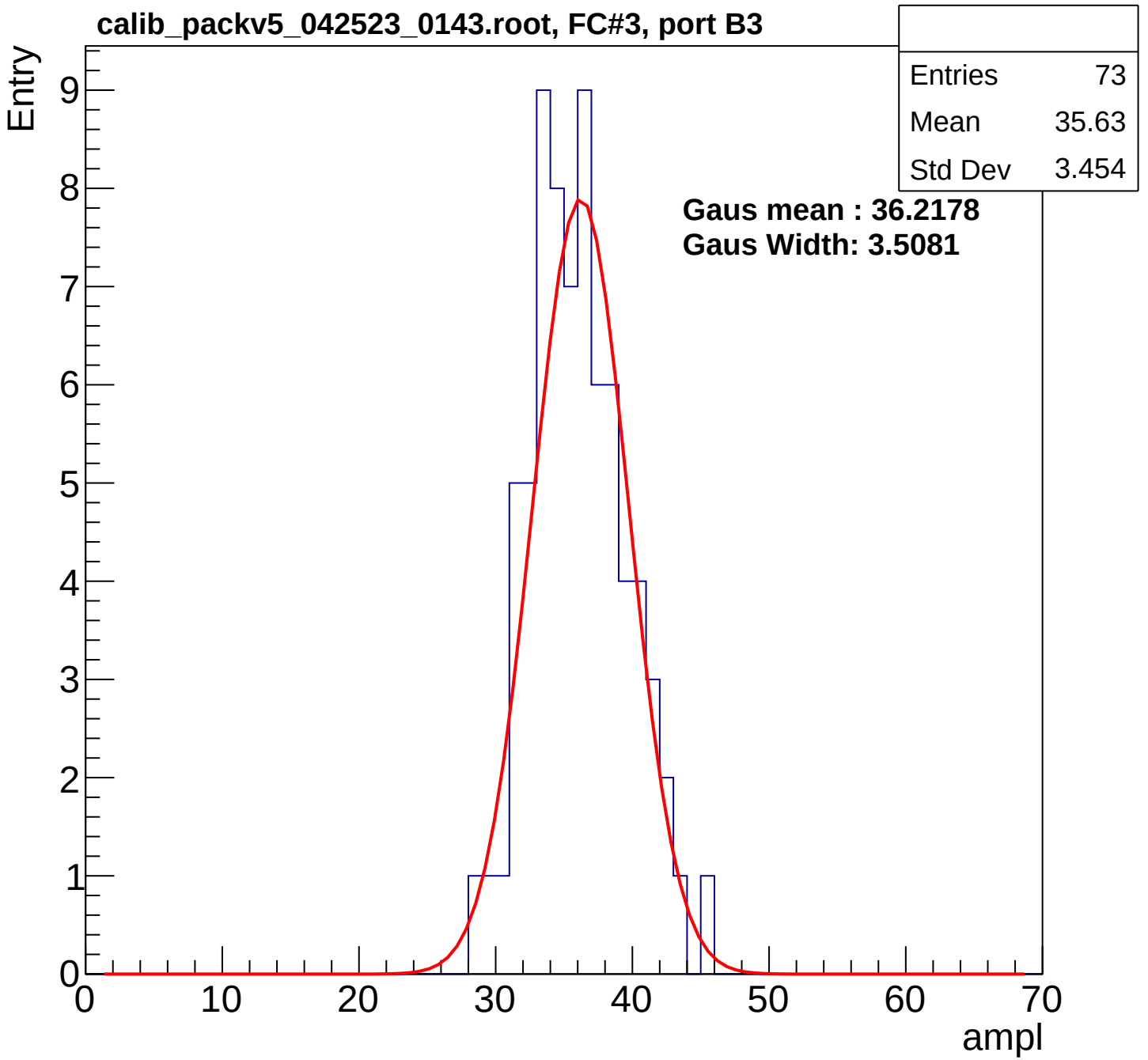
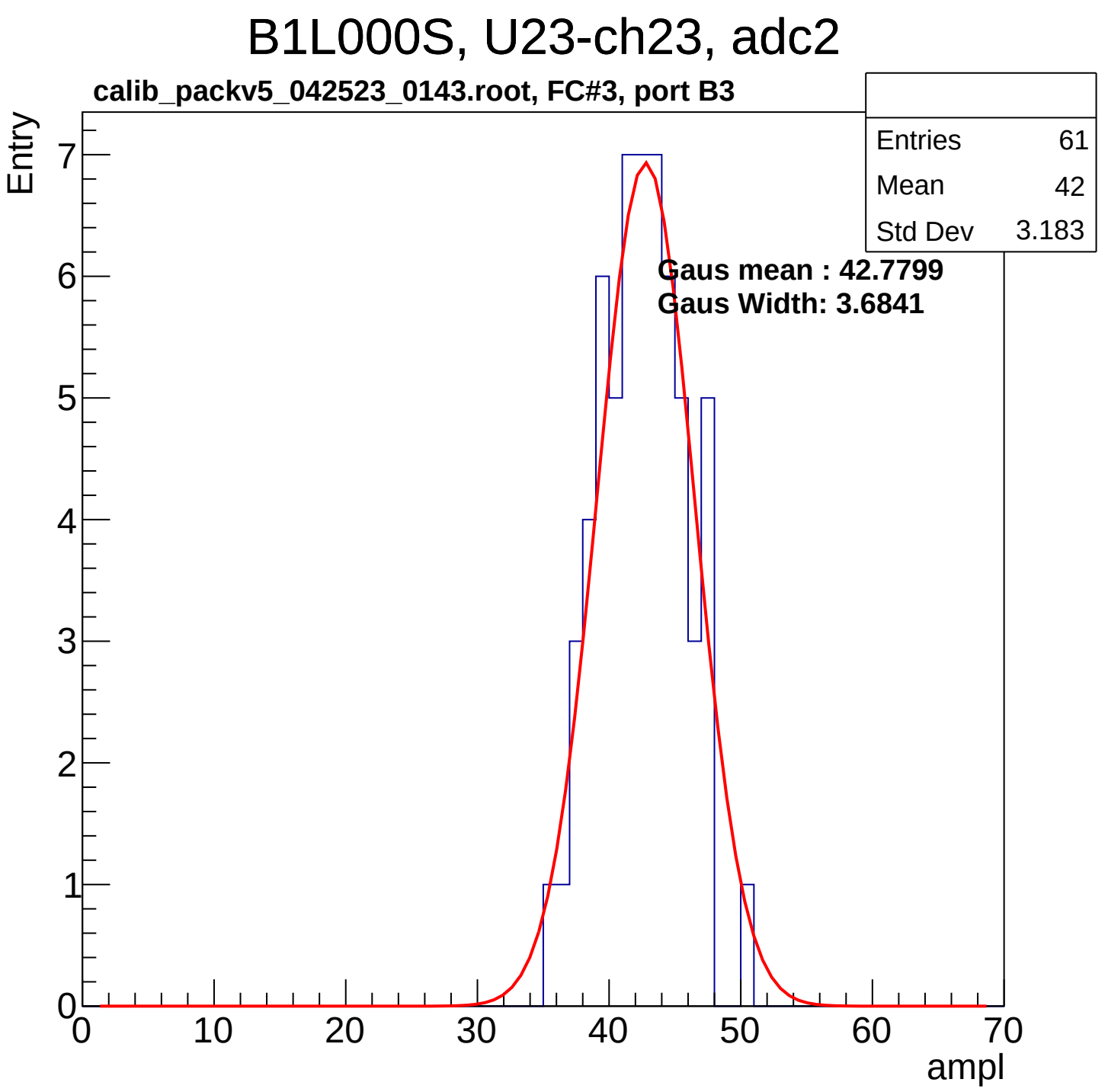
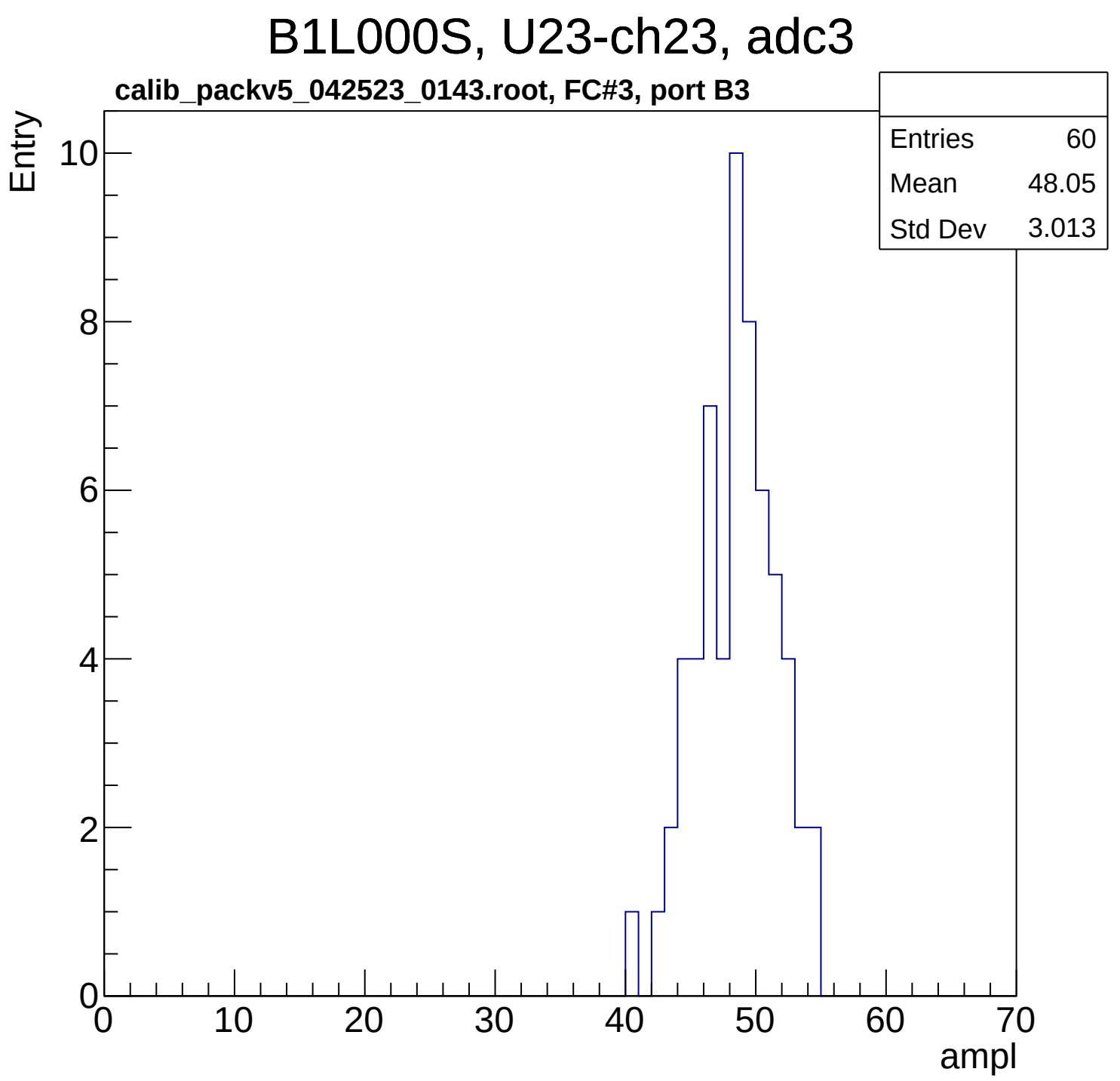
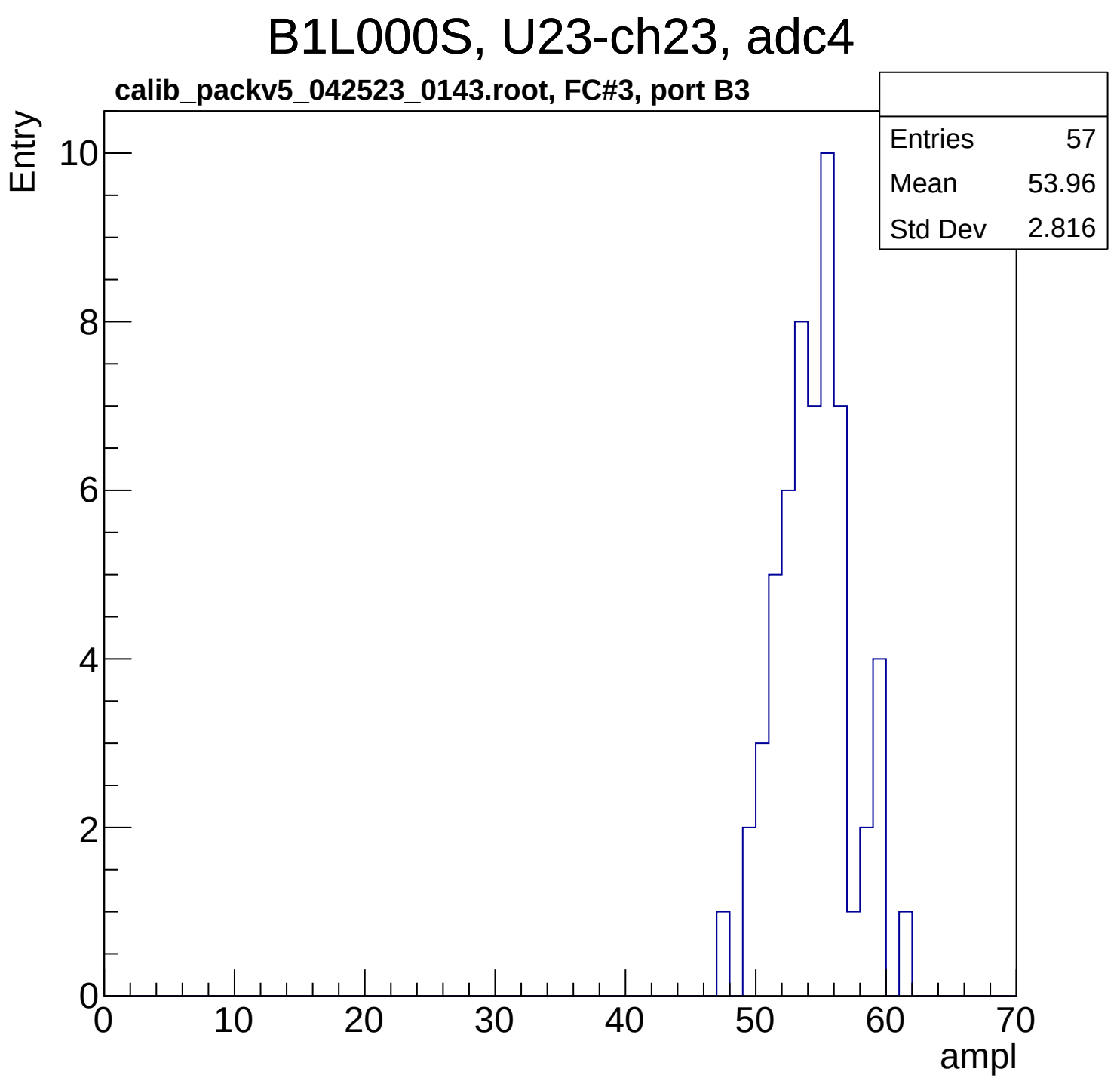
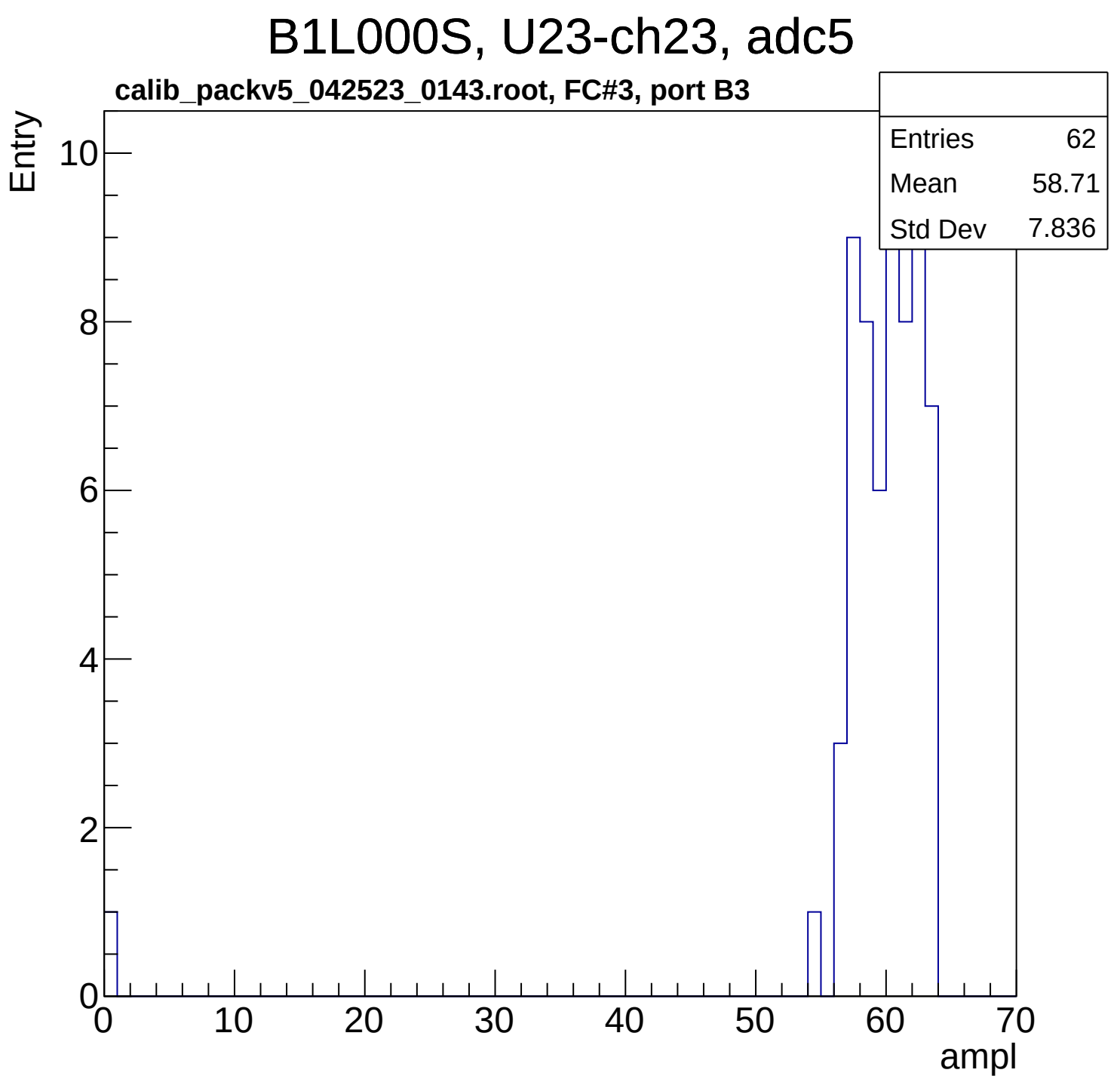
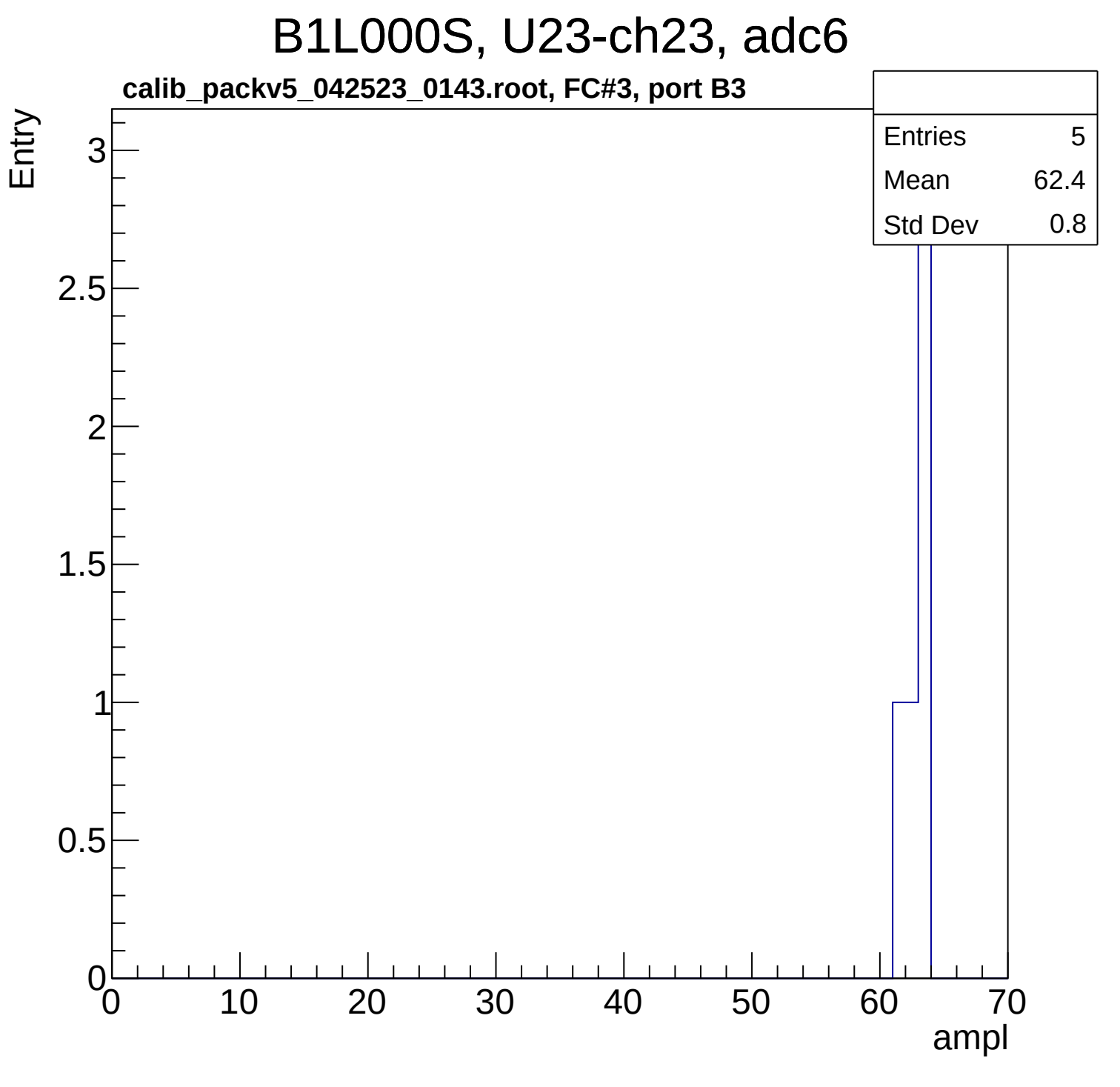

B1L000S, U23-ch23, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 35.63
Std Dev 3.454
Gaus mean : 36.2178
Gaus Width: 3.5081
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

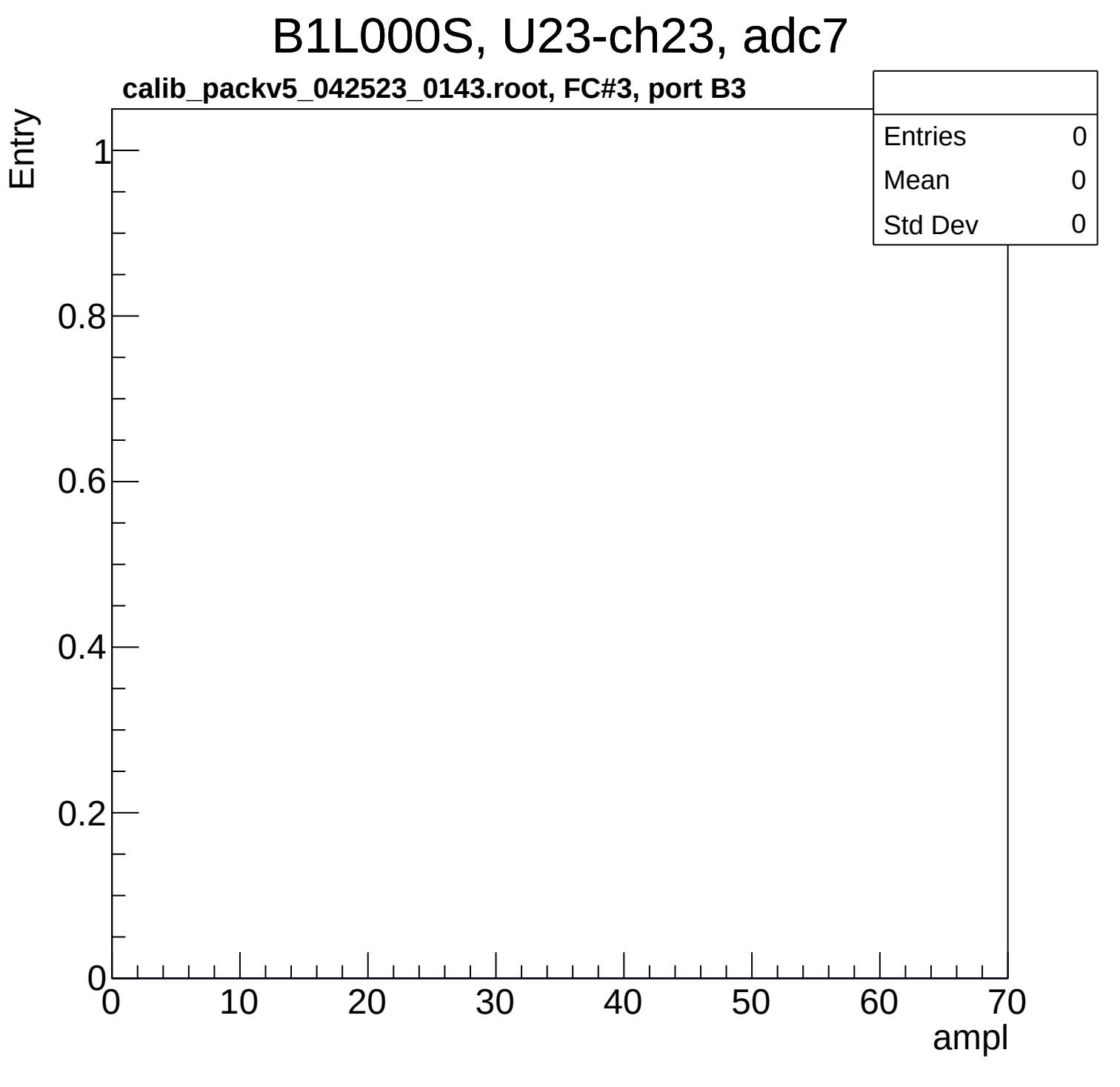

B1L000S, U23-ch23, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42
Std Dev 3.183
Gaus mean : 42.7799
Gaus Width: 3.6841
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

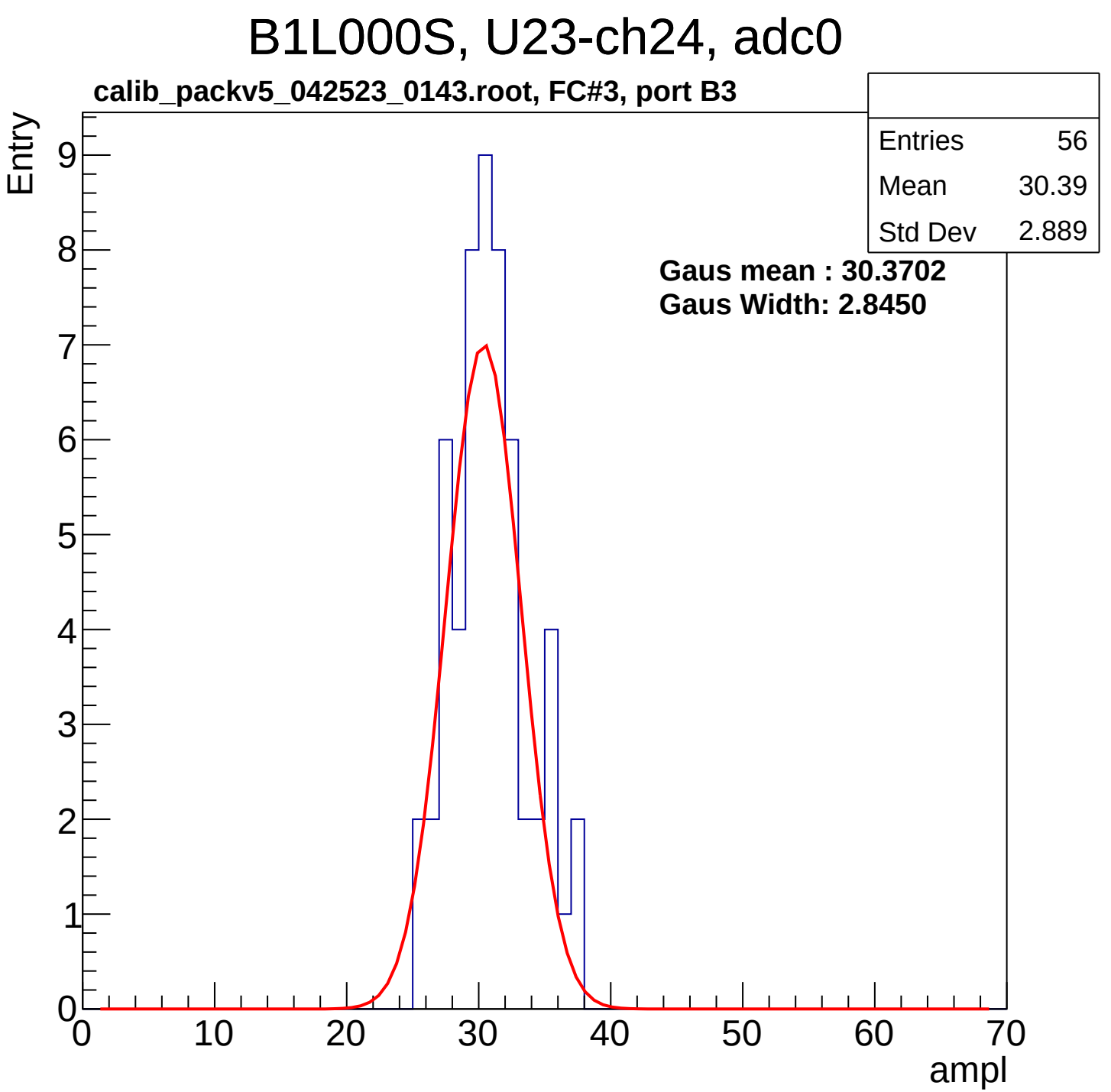

B1L000S, U23-ch23, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 48.05
Std Dev 3.013
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

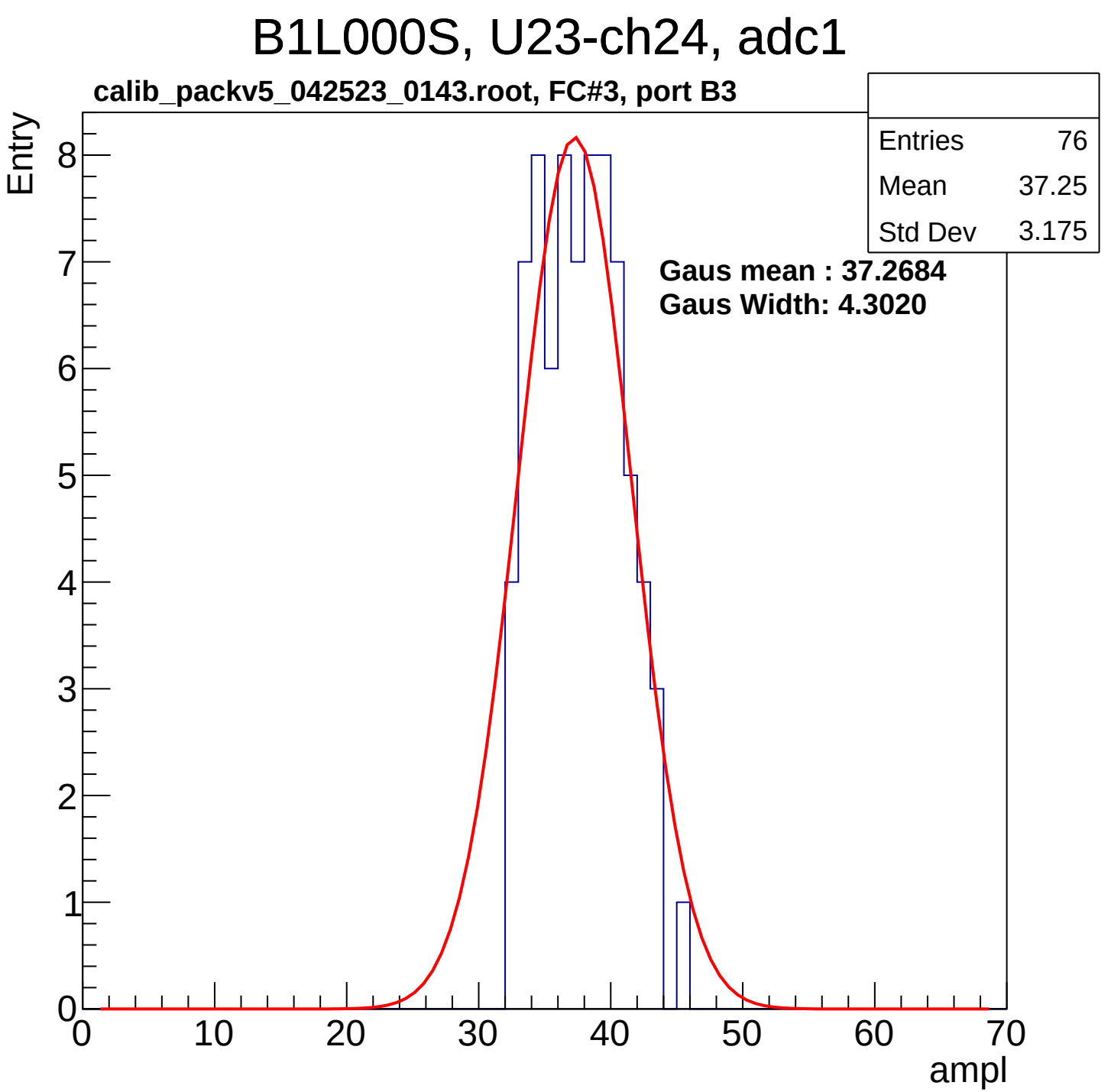

B1L000S, U23-ch23, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.96
Std Dev 2.816
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

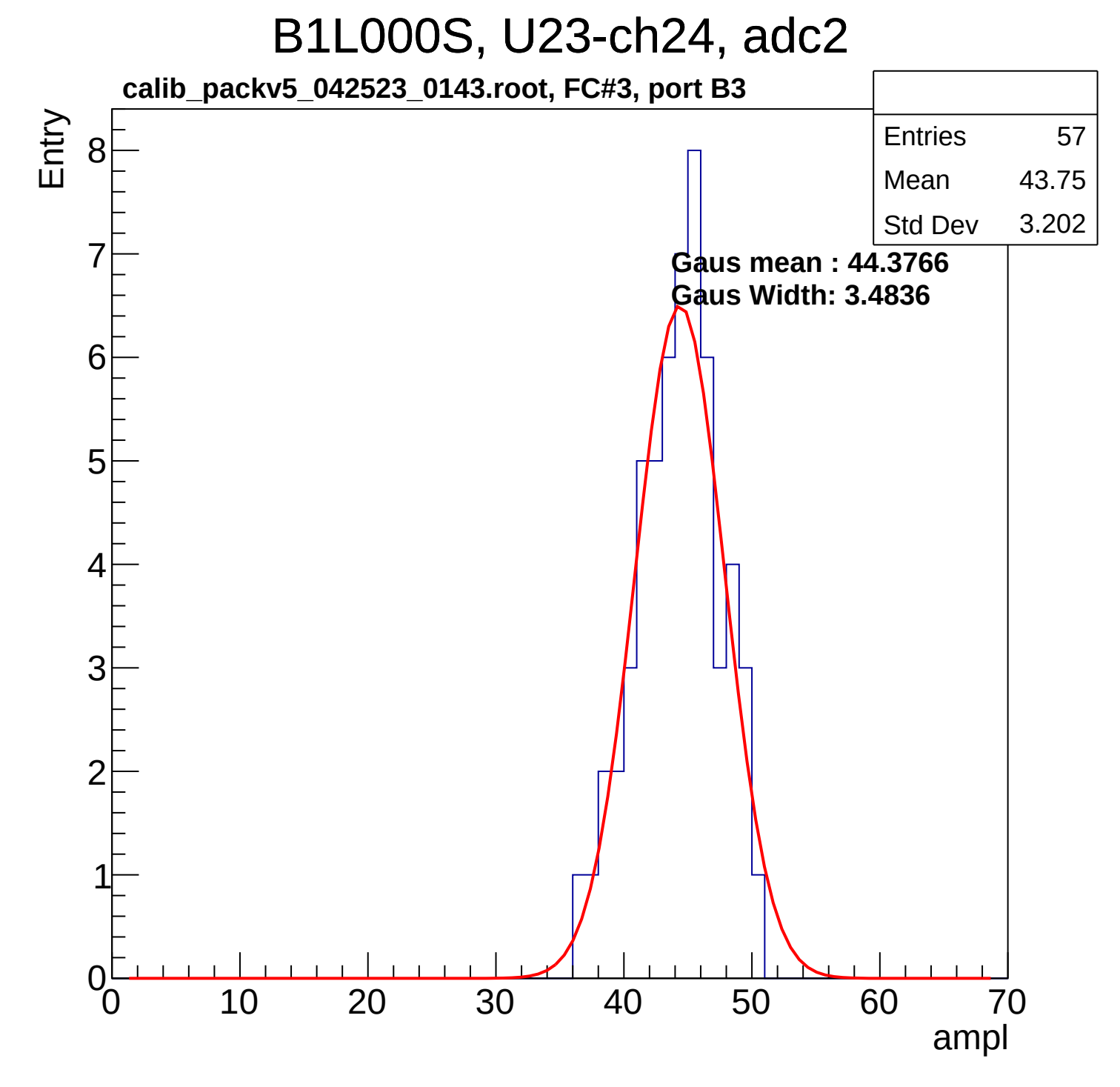

B1L000S, U23-ch23, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 58.71
Std Dev 7.836
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

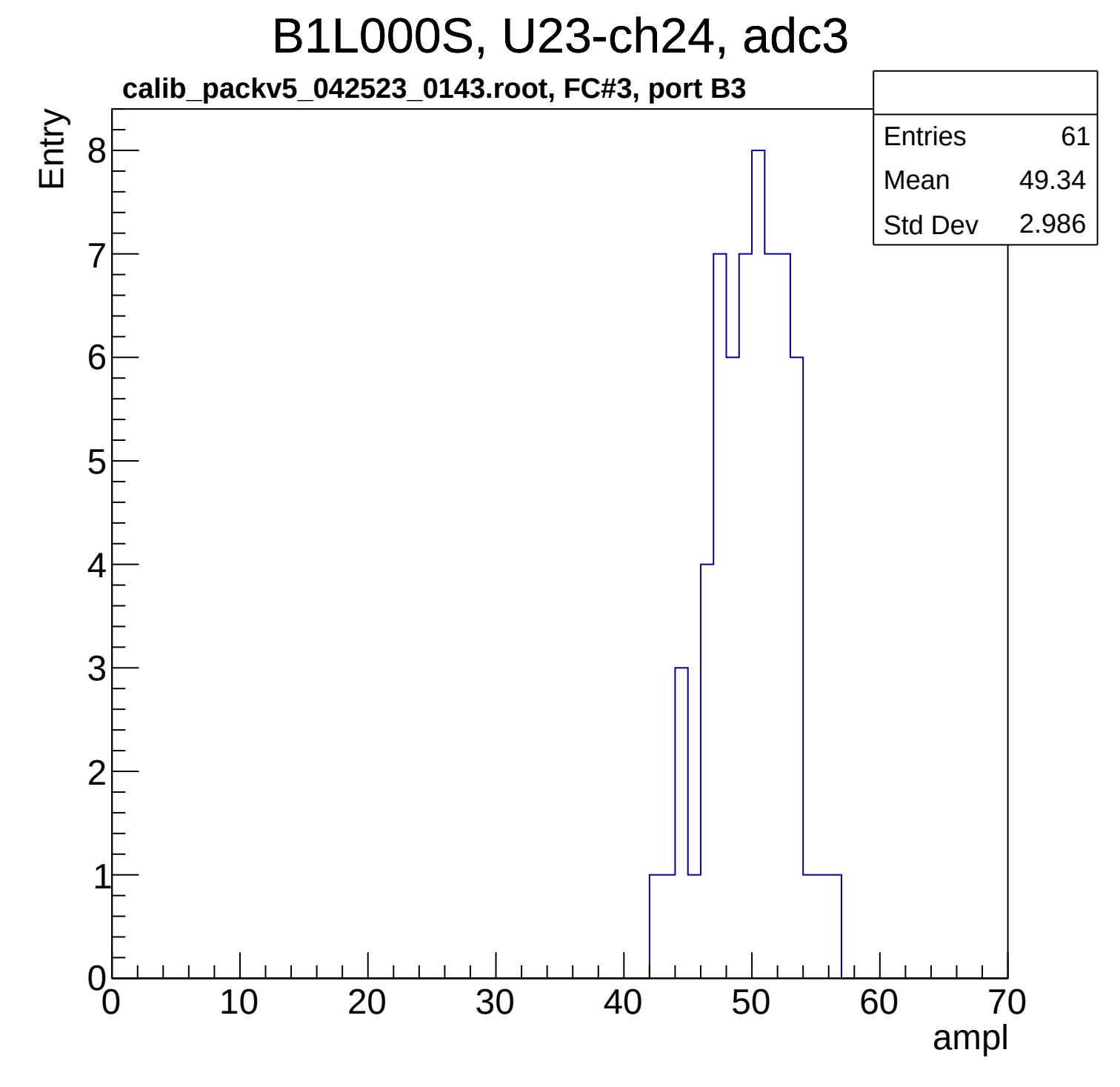

B1L000S, U23-ch23, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.4
Std Dev 0.8
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

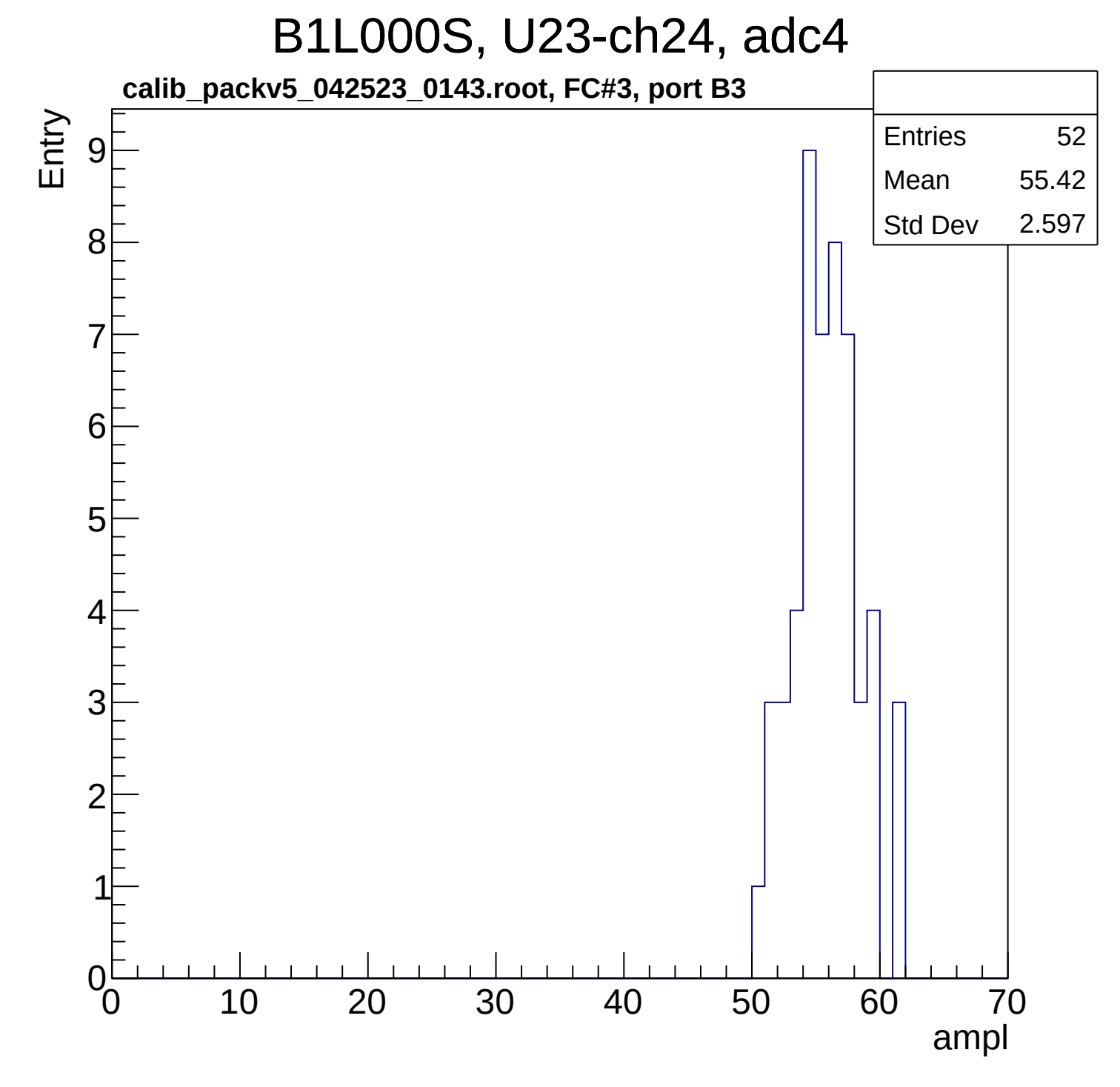

B1L000S, U23-ch23, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

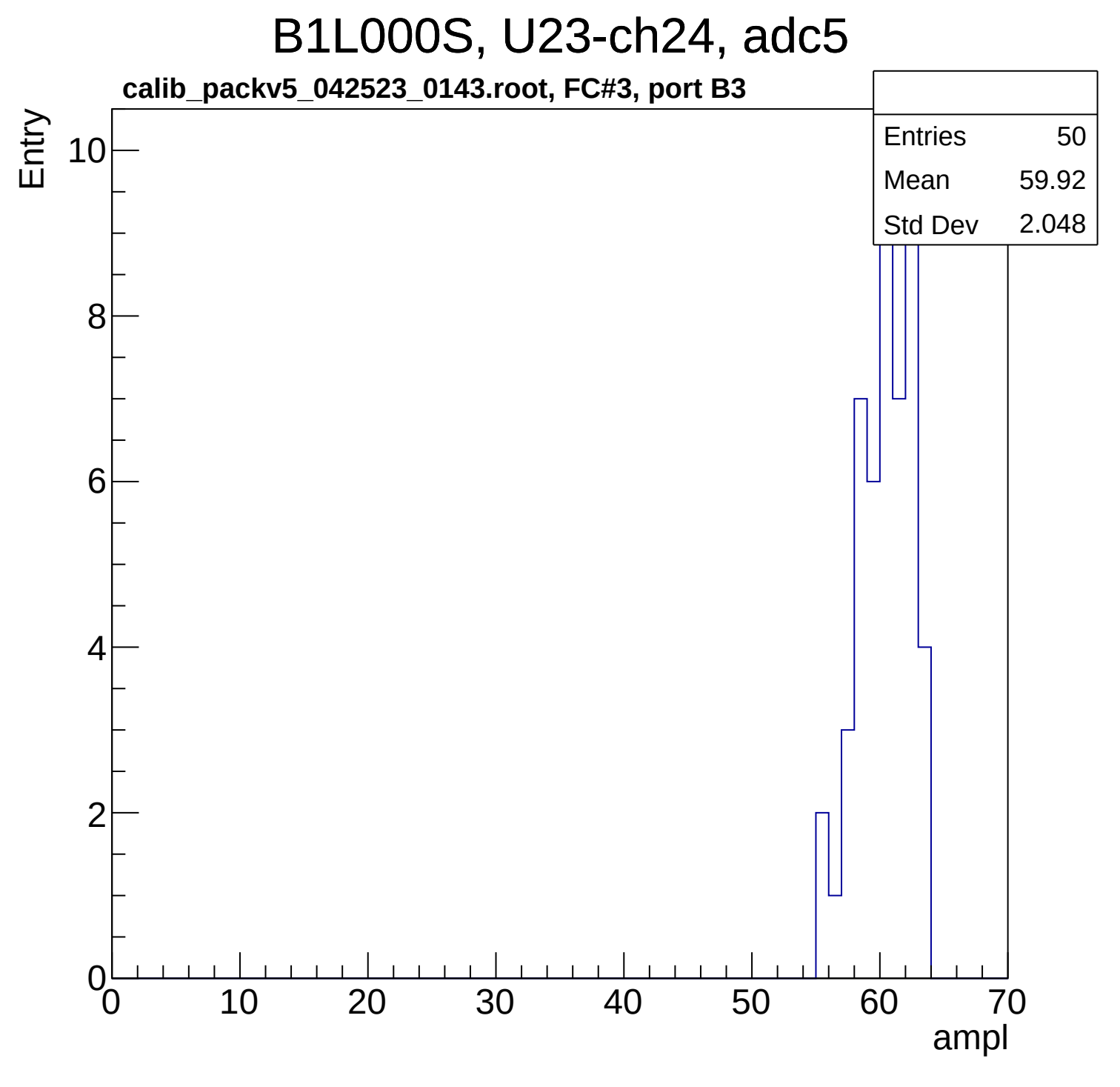

B1L000S, U23-ch24, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 30.39
Std Dev 2.889
Gaus mean : 30.3702
Gaus Width: 2.8450
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

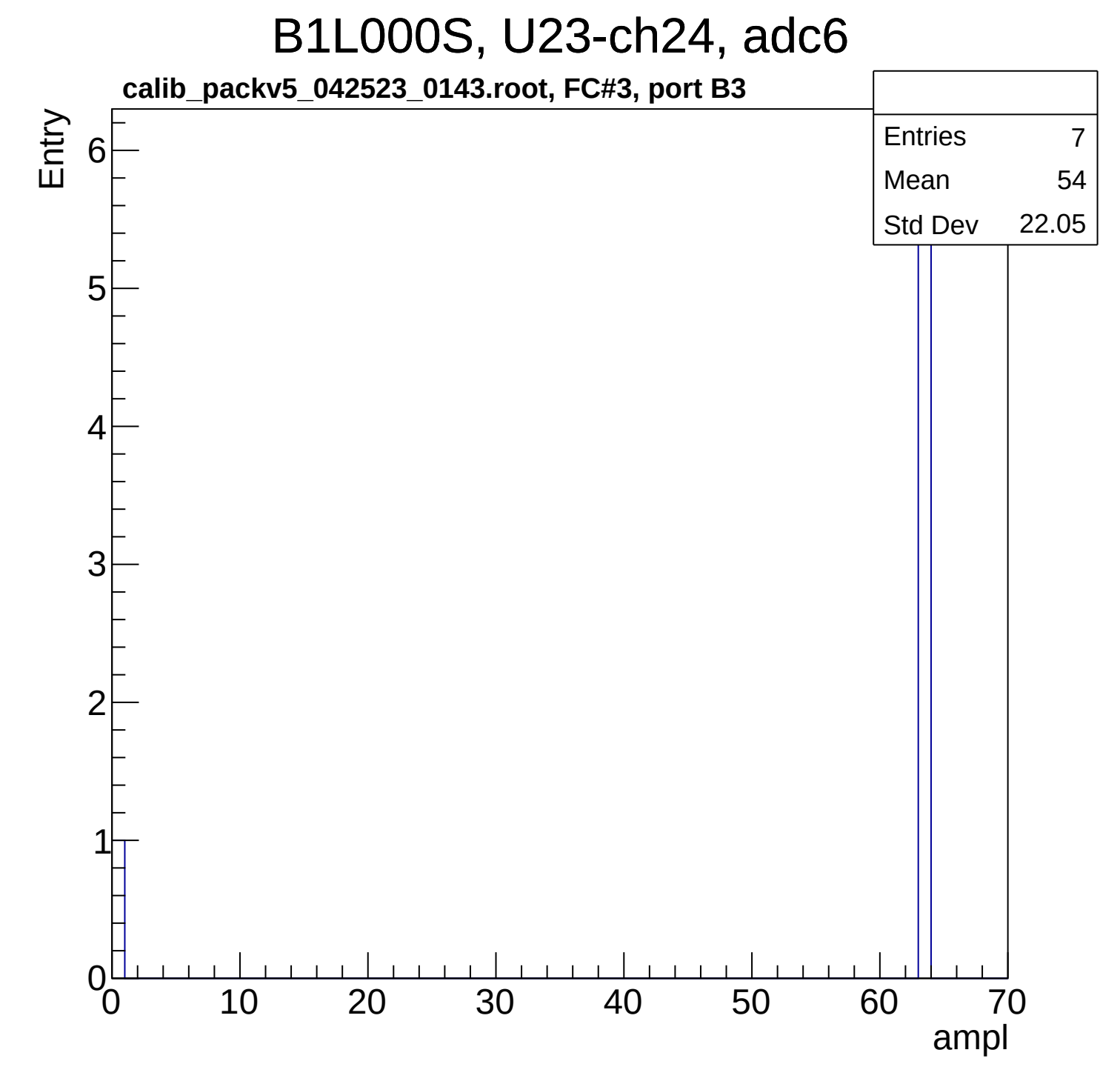

B1L000S, U23-ch24, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 37.25
Std Dev 3.175
Gaus mean : 37.2684
Gaus Width: 4.3020
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

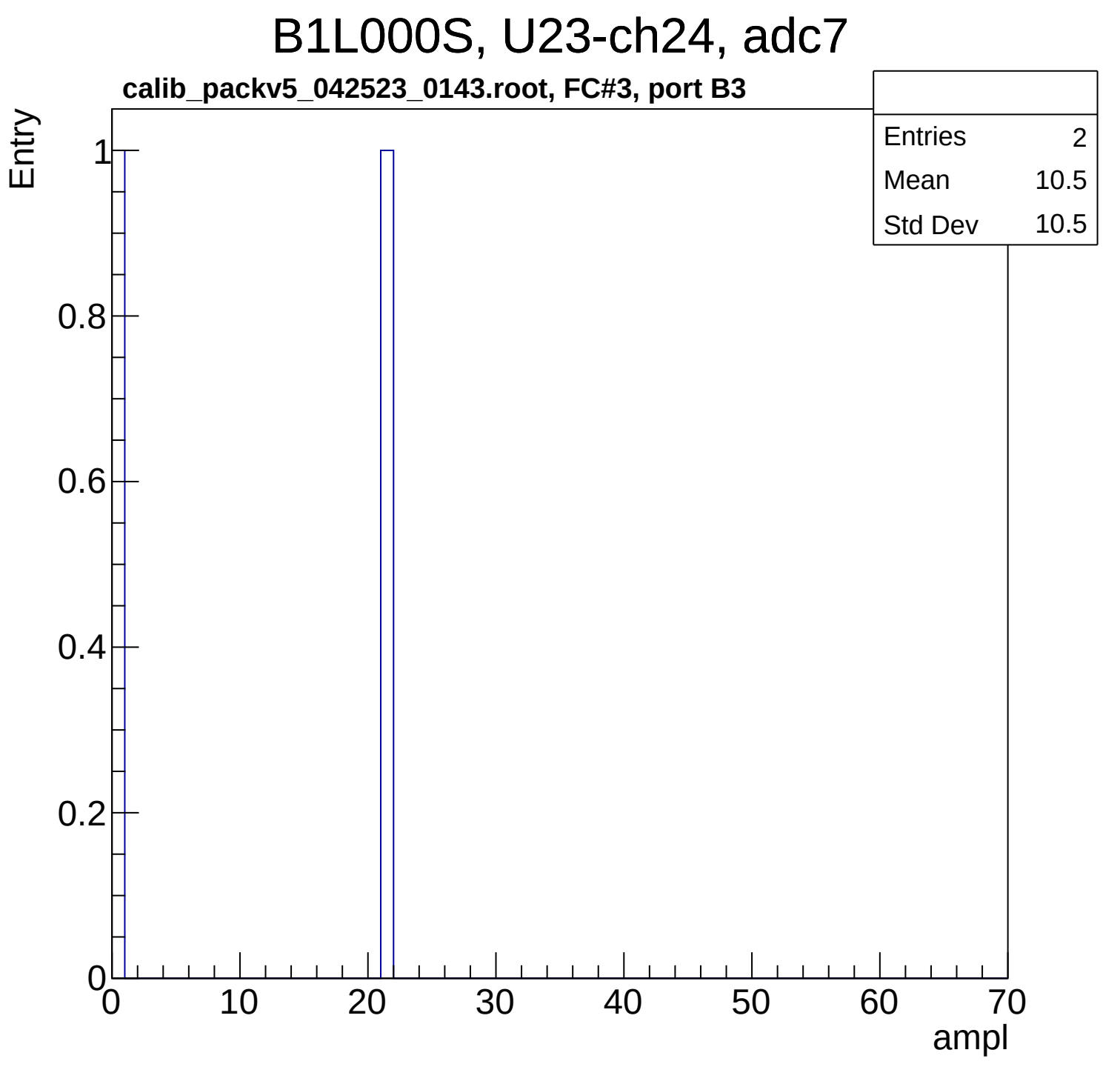

B1L000S, U23-ch24, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 43.75
Std Dev 3.202
Gaus mean : 44.3766
Gaus Width: 3.4836
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

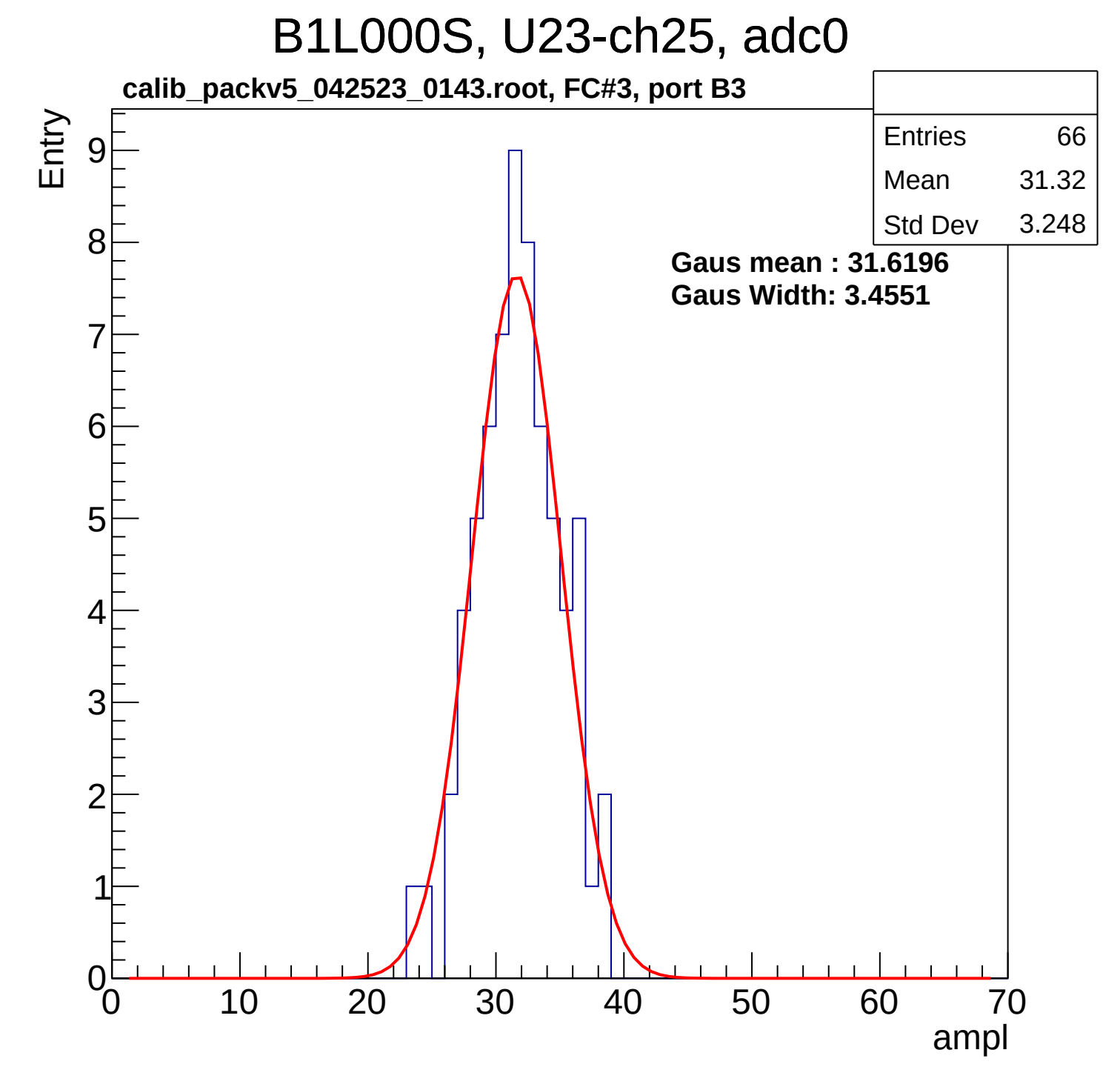

B1L000S, U23-ch24, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 49.34
Std Dev 2.986
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

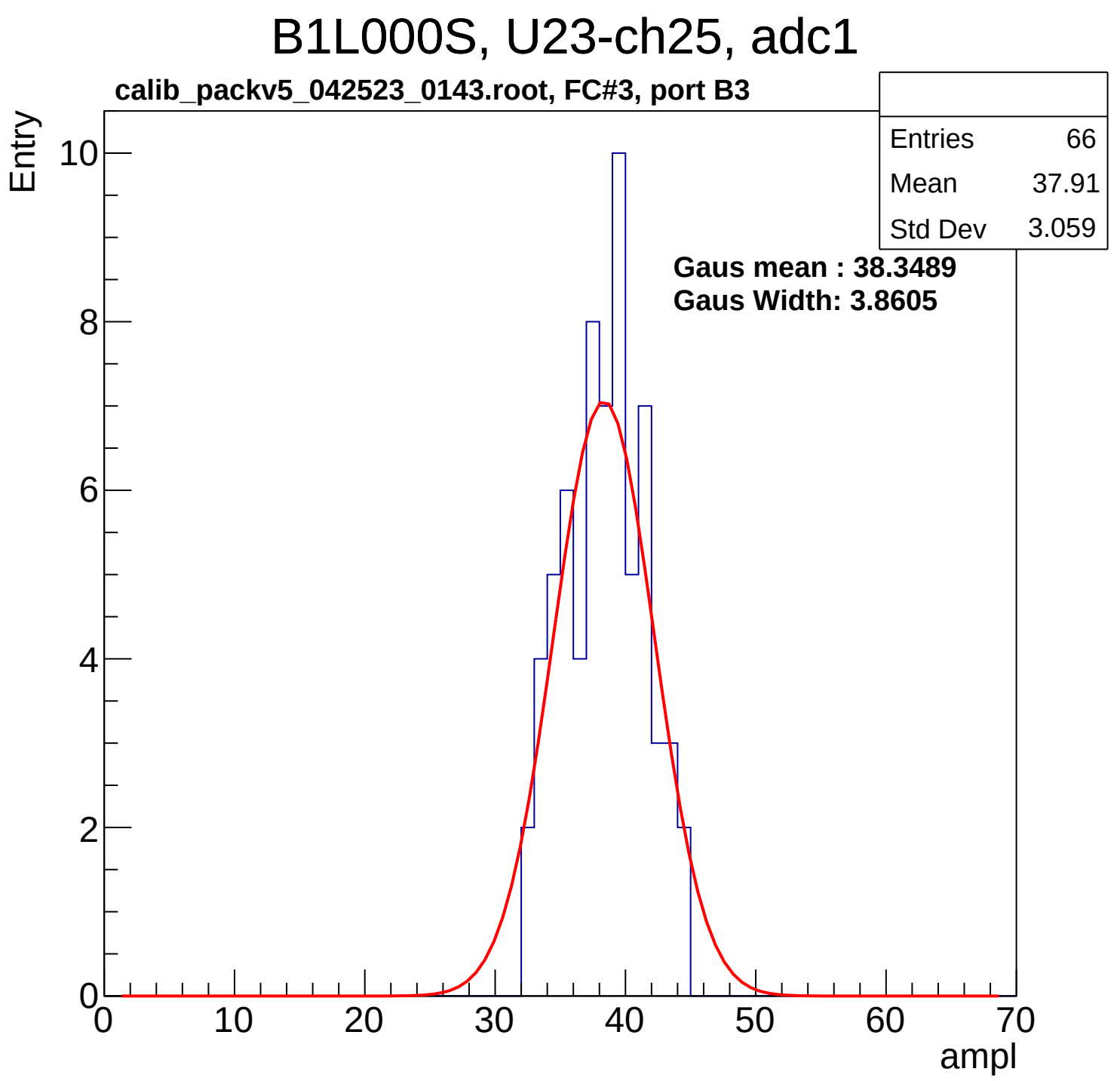

B1L000S, U23-ch24, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 55.42
Std Dev 2.597
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

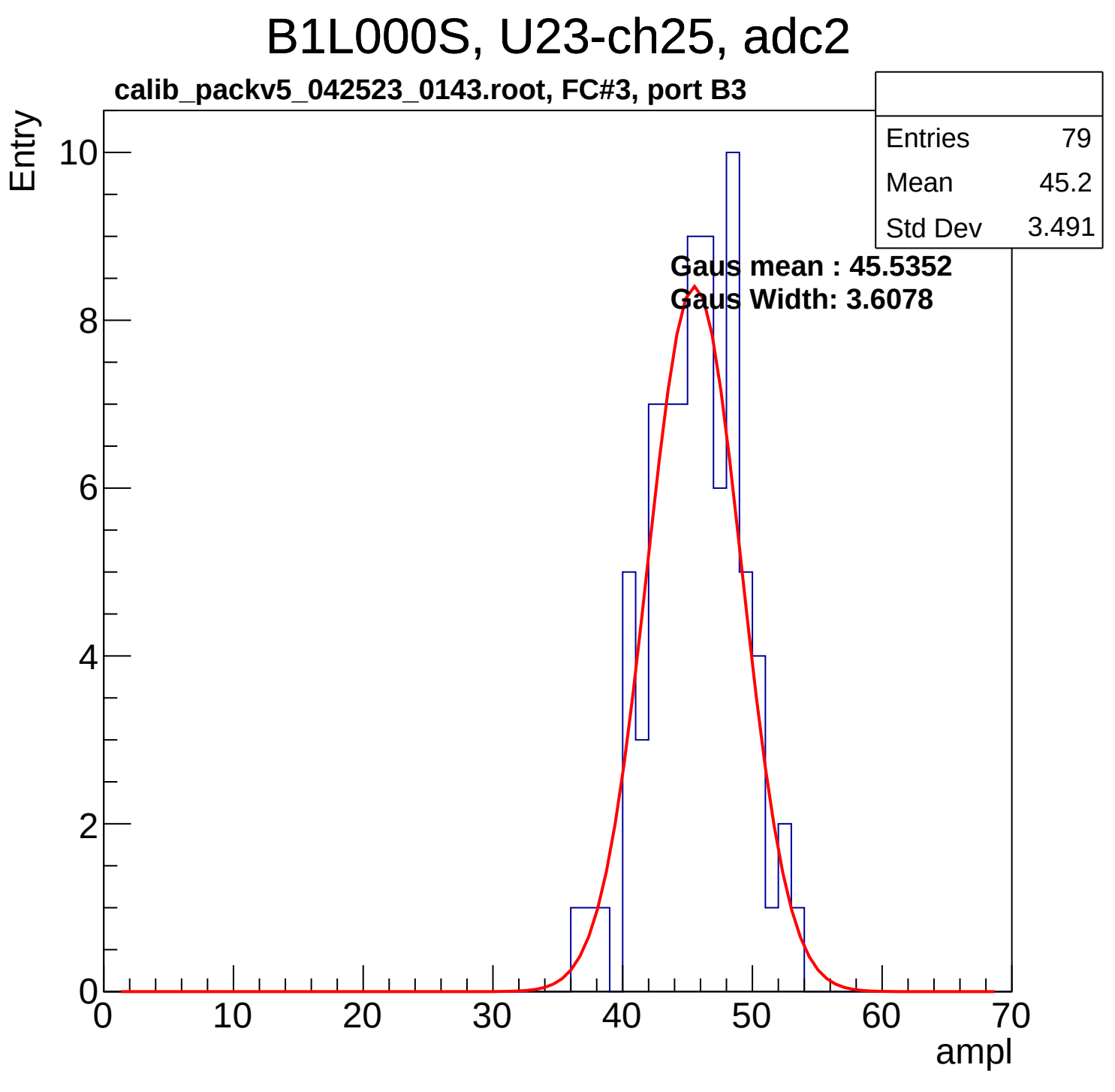

B1L000S, U23-ch24, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.92
Std Dev 2.048
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

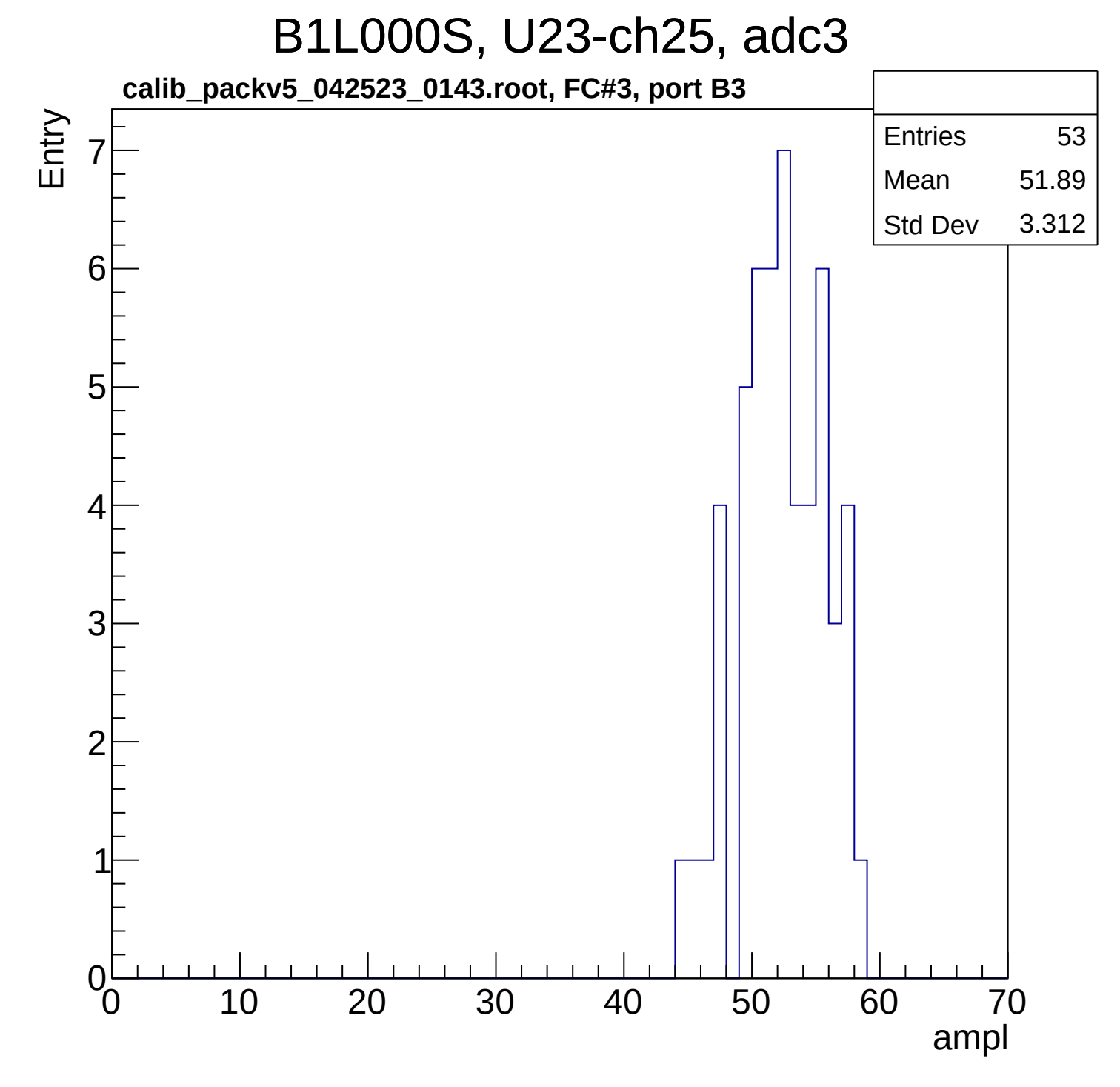

B1L000S, U23-ch24, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 54
Std Dev 22.05
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

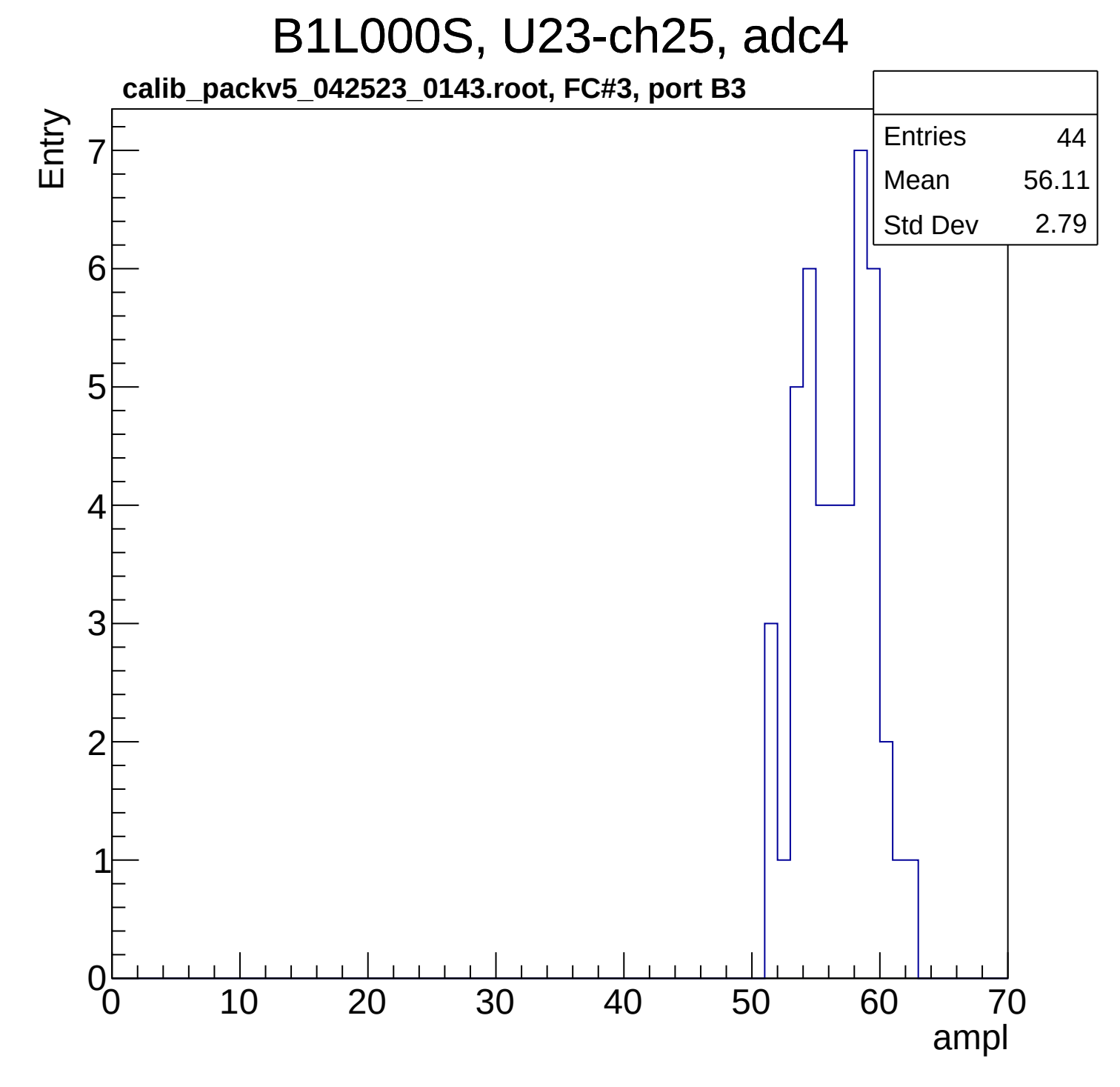

B1L000S, U23-ch24, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

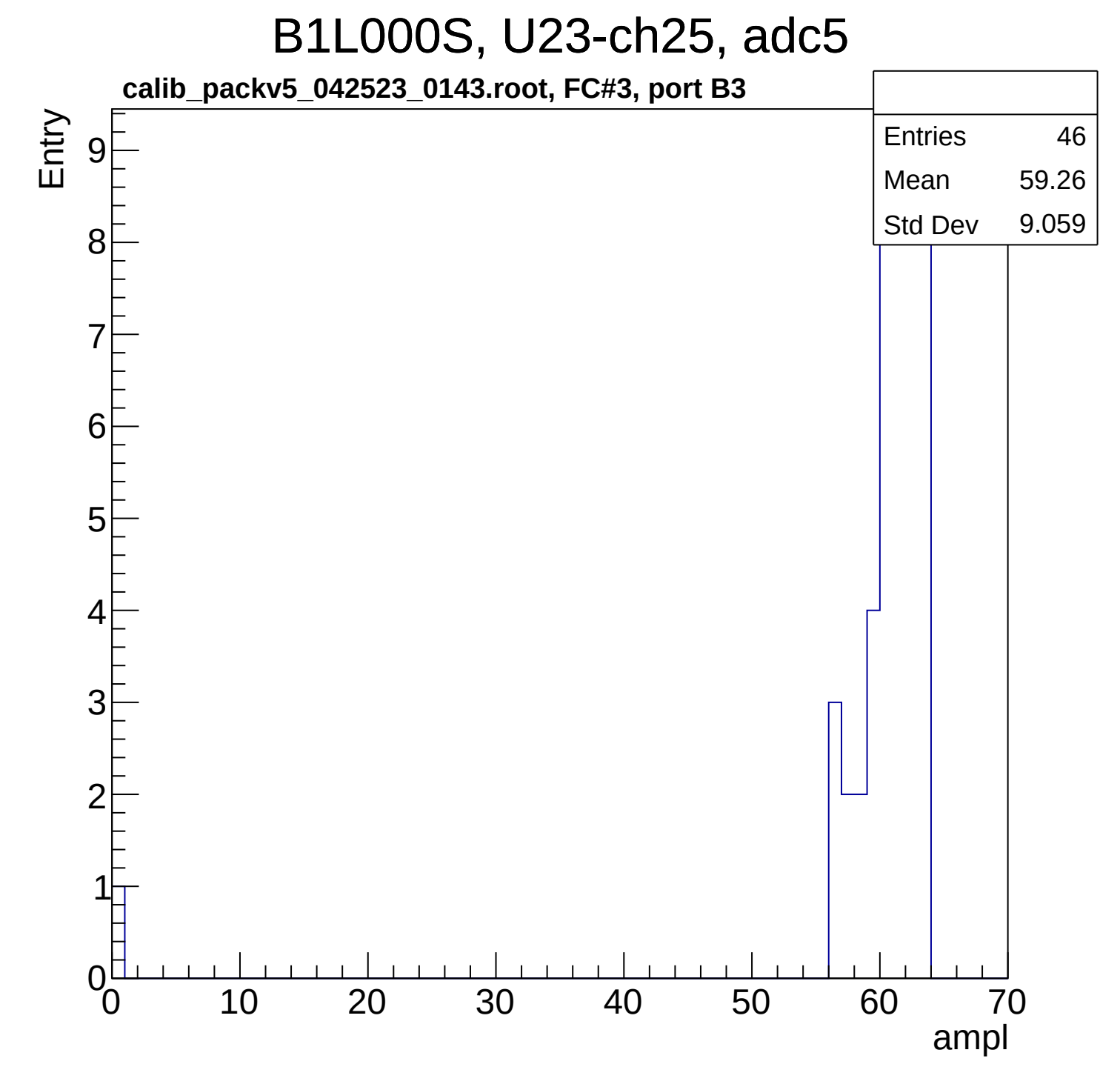

B1L000S, U23-ch25, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 31.32
Std Dev 3.248
Gaus mean : 31.6196
Gaus Width: 3.4551
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch25, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 37.91
Std Dev 3.059
Gaus mean : 38.3489
Gaus Width: 3.8605
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch25, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 45.2
Std Dev 3.491
Gaus mean : 45.5352
Gaus Width: 3.6078
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch25, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 51.89
Std Dev 3.312
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch25, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 56.11
Std Dev 2.79
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch25, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.26
Std Dev 9.059
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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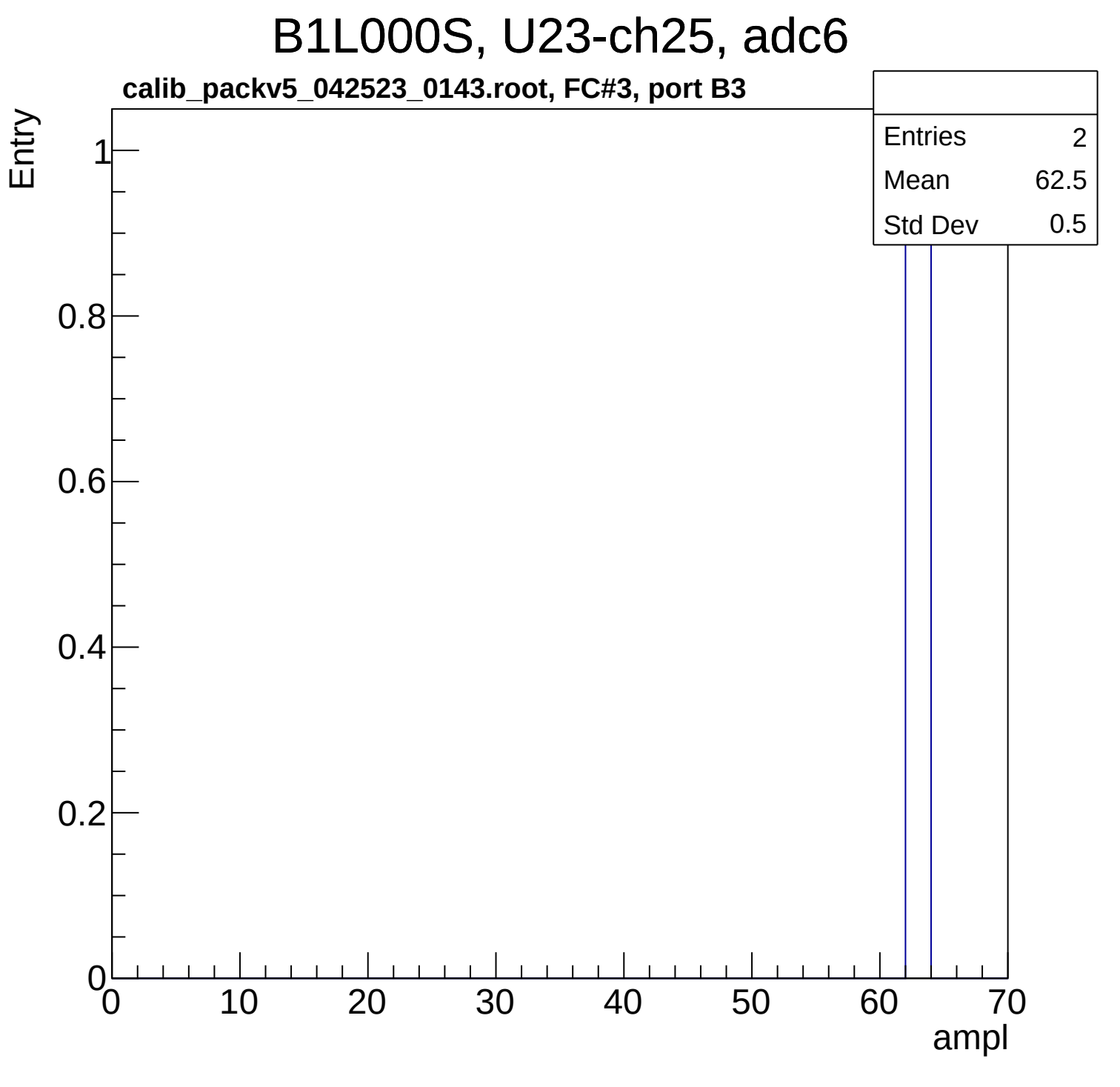
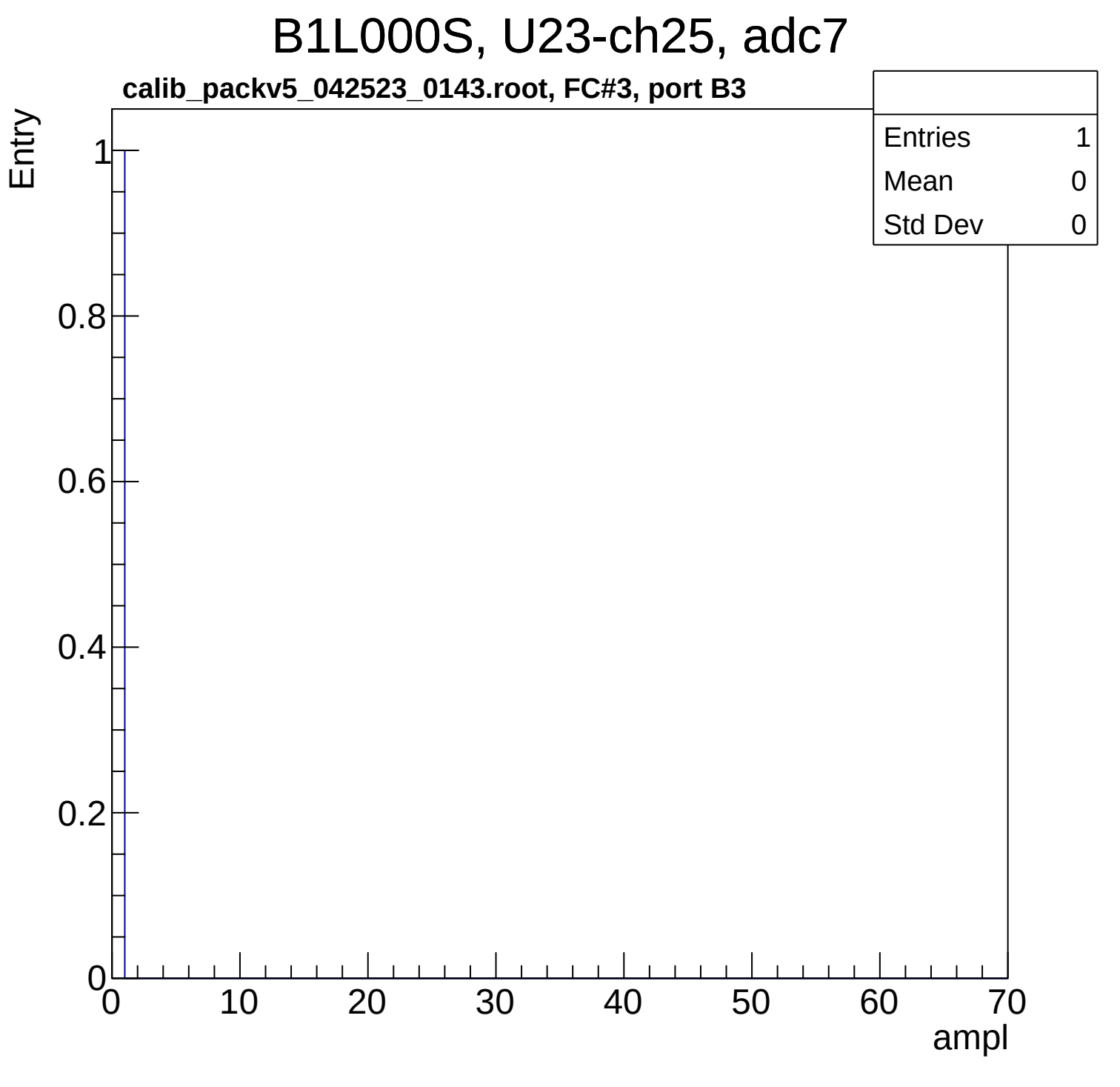
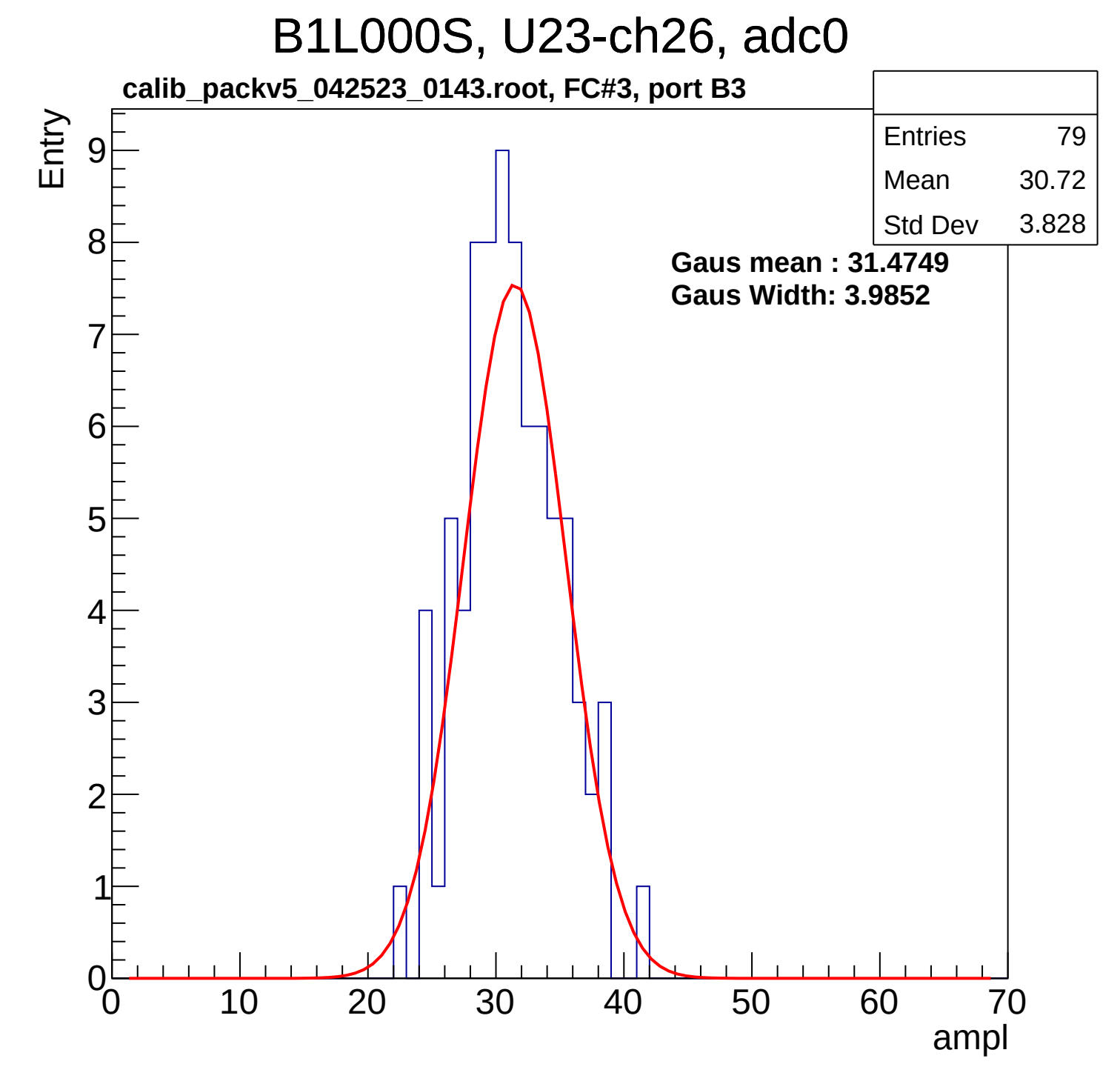
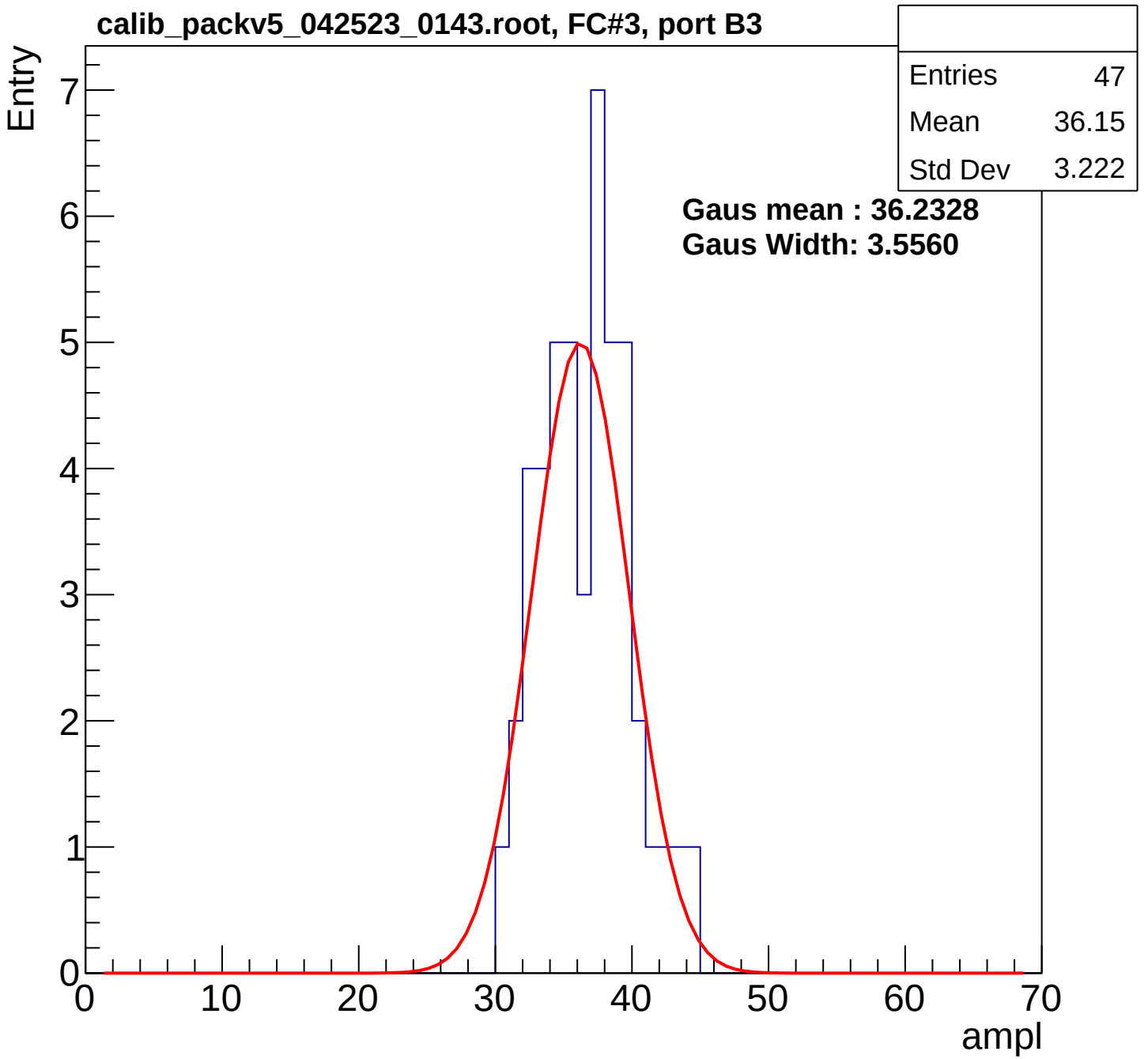
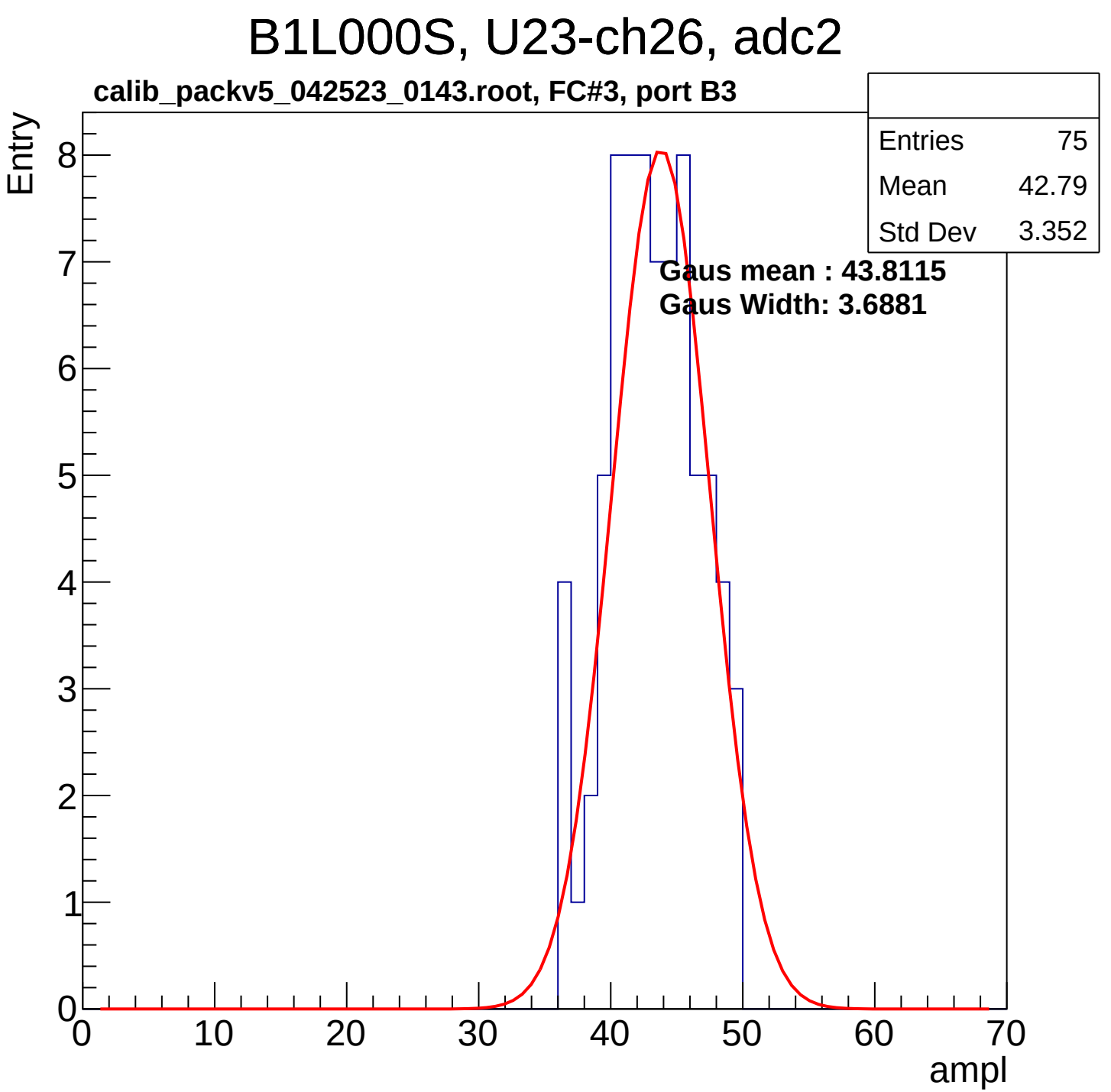
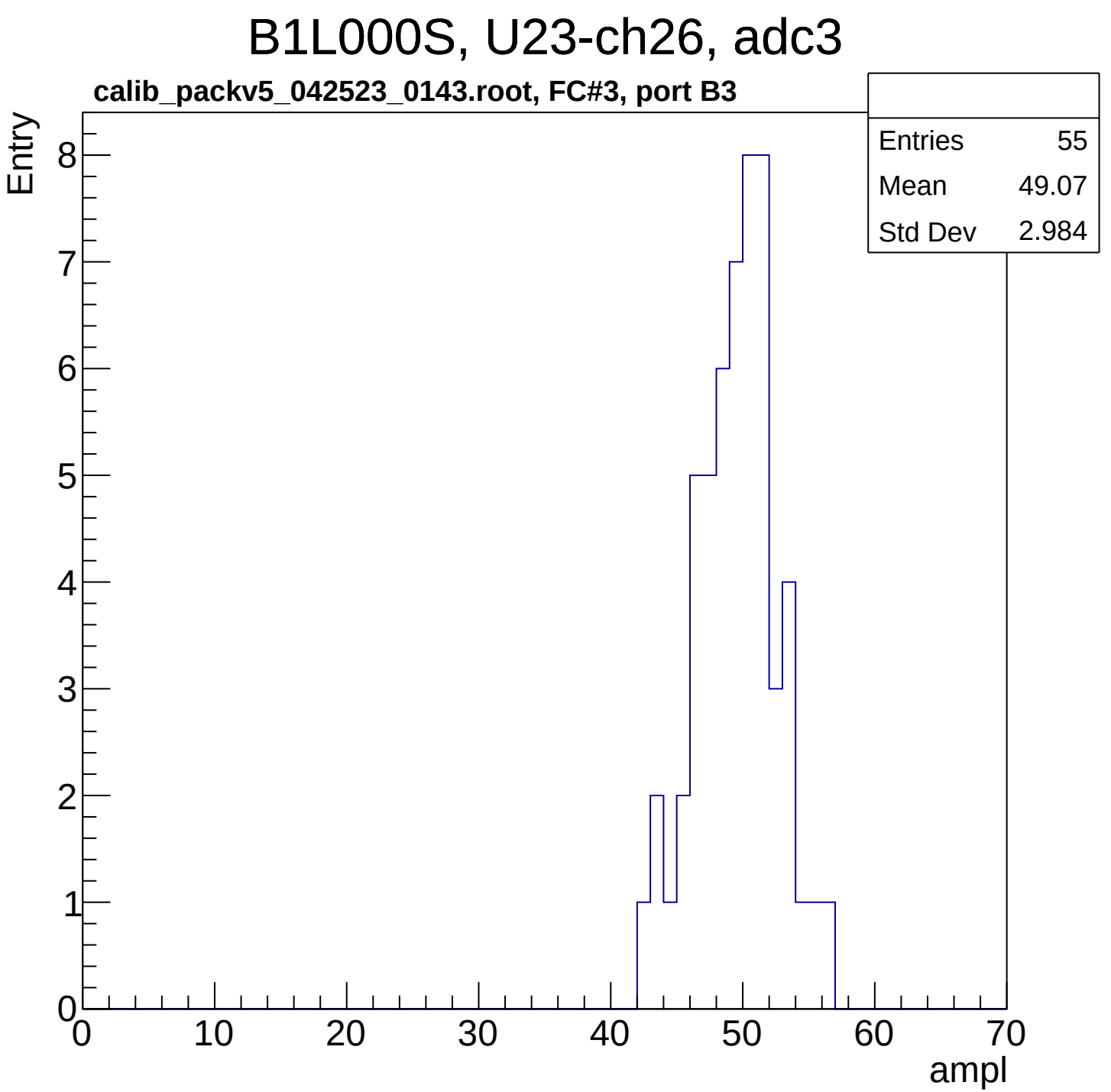

B1L000S, U23-ch25, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch25, 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, U23-ch26, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 30.72
Std Dev 3.828
Gaus mean : 31.4749
Gaus Width: 3.9852
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch26, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 36.15
Std Dev 3.222
Gaus mean : 36.2328
Gaus Width: 3.5560
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch26, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 42.79
Std Dev 3.352
Gaus mean : 43.8115
Gaus Width: 3.6881
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch26, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 49.07
Std Dev 2.984
Entry
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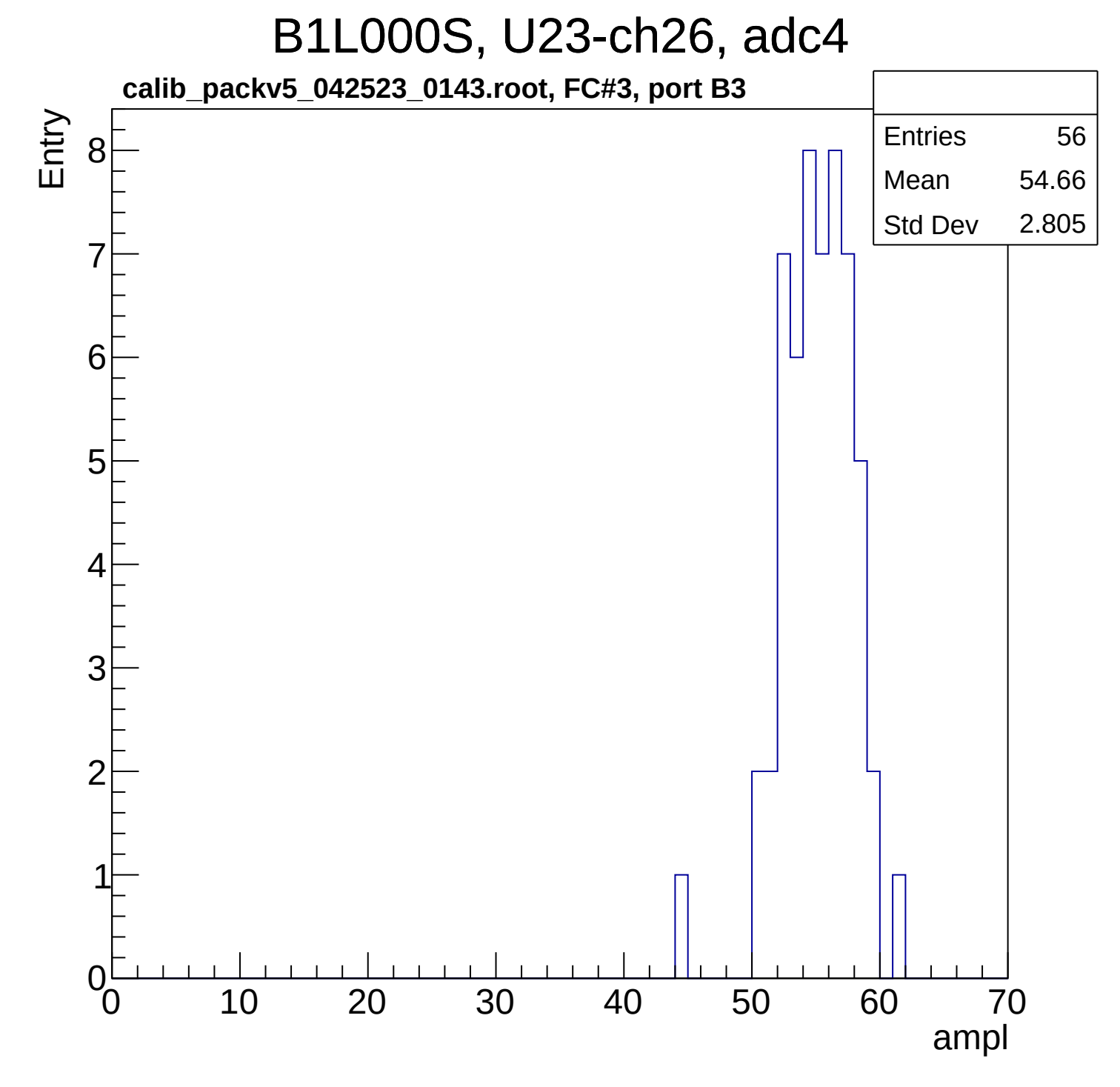
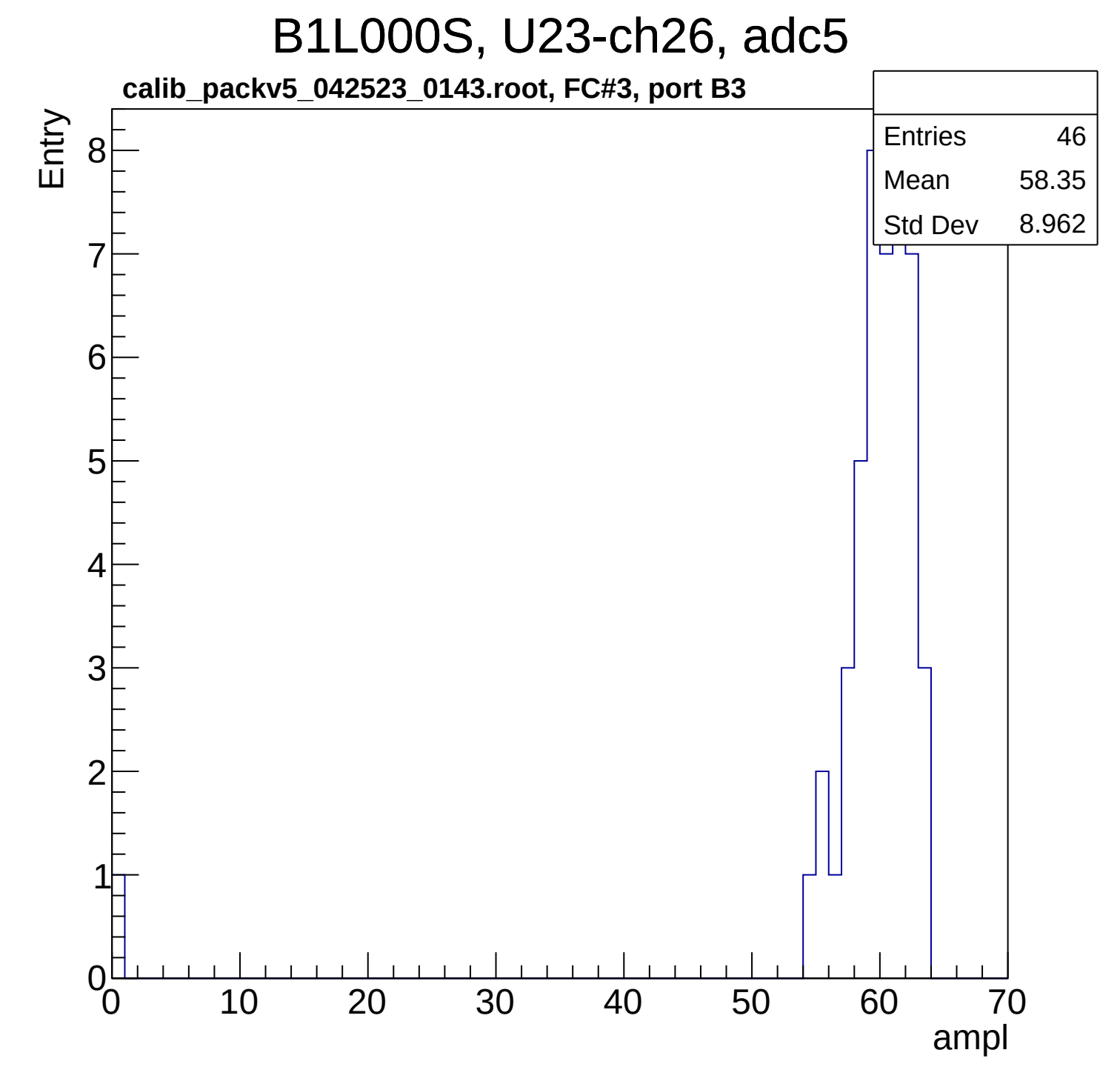
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch26, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.66
Std Dev 2.805
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch26, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.35
Std Dev 8.962
Entry
ampl
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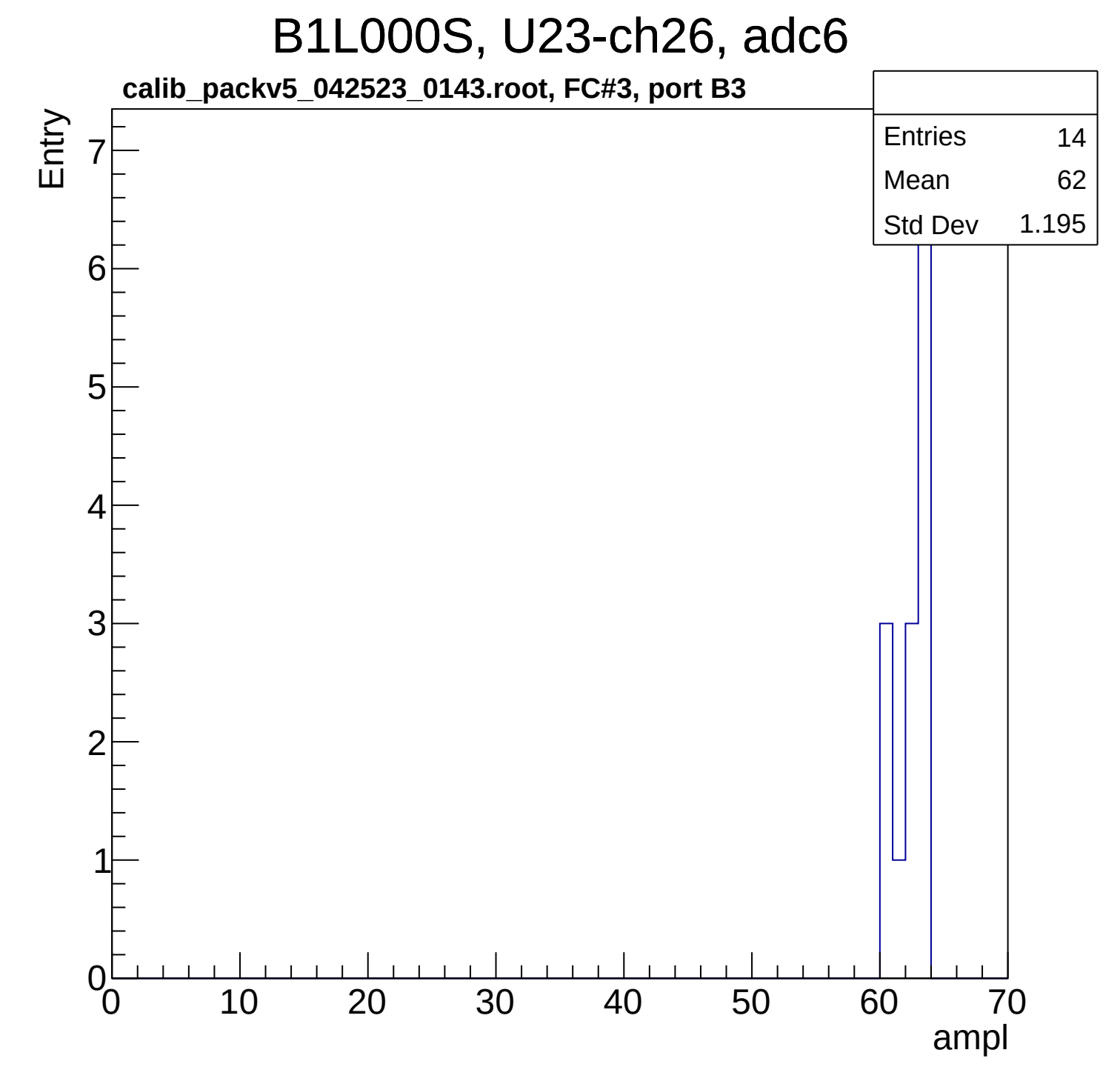
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch26, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 62
Std Dev 1.195
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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30
40
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60
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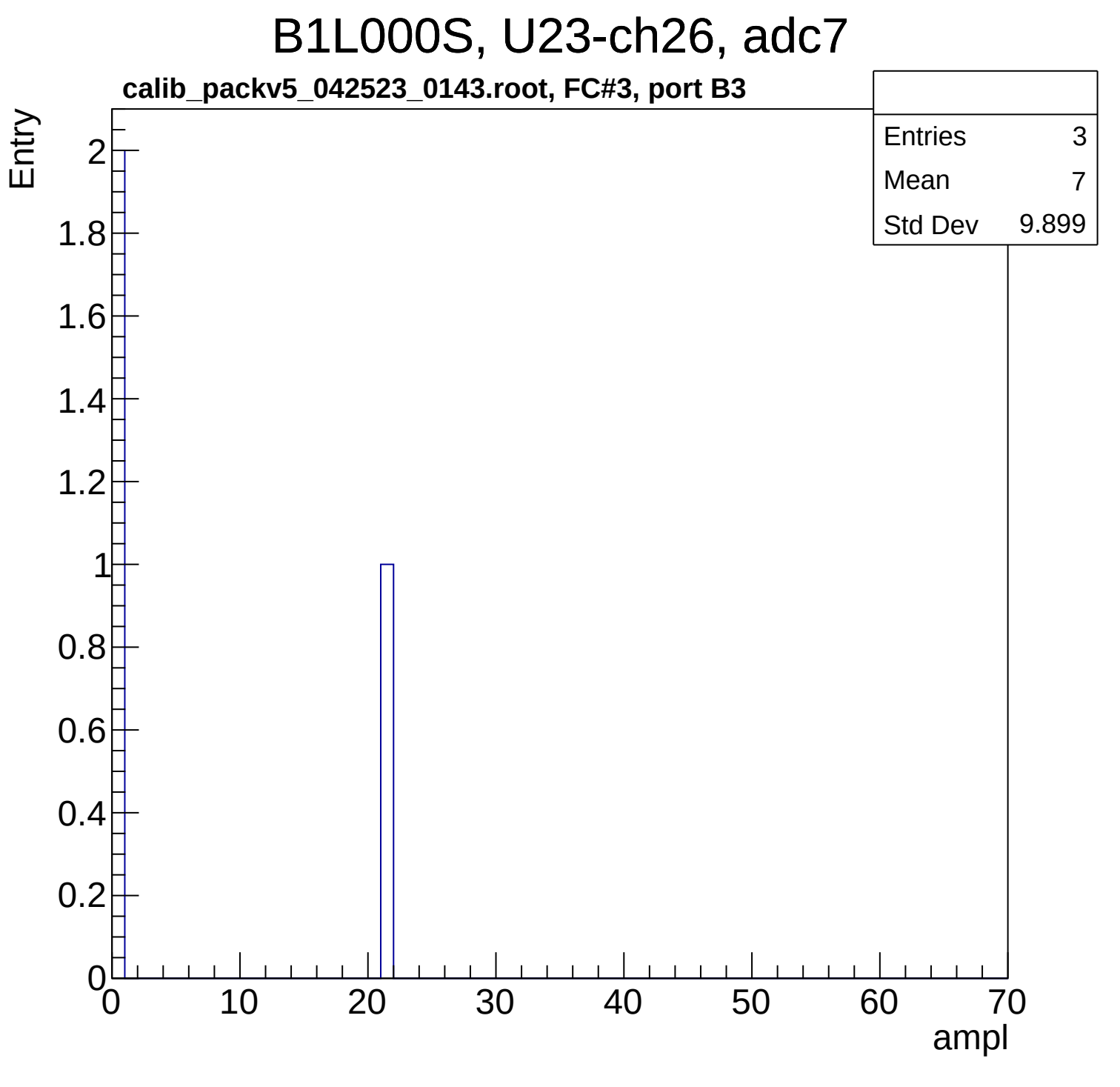
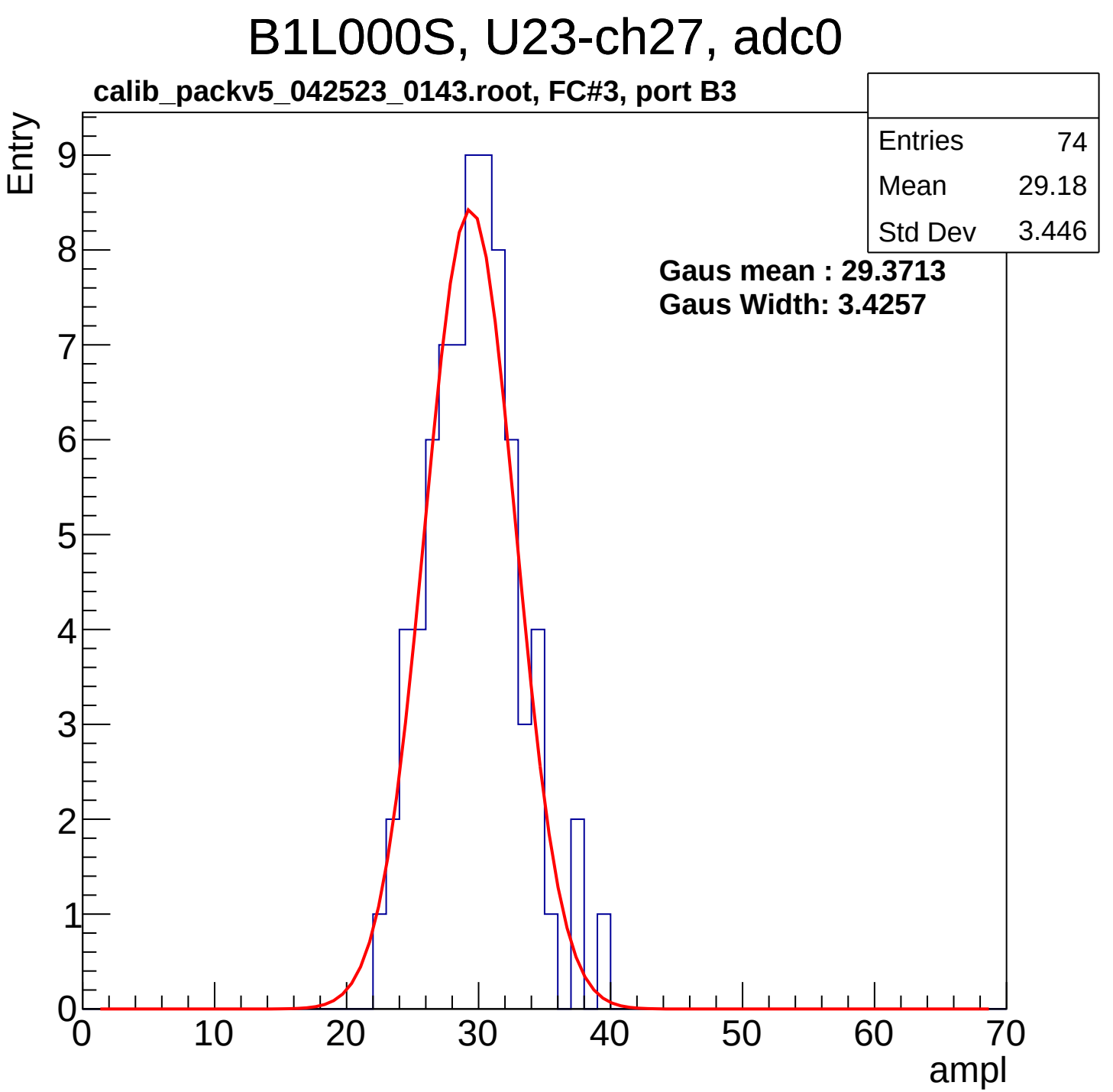
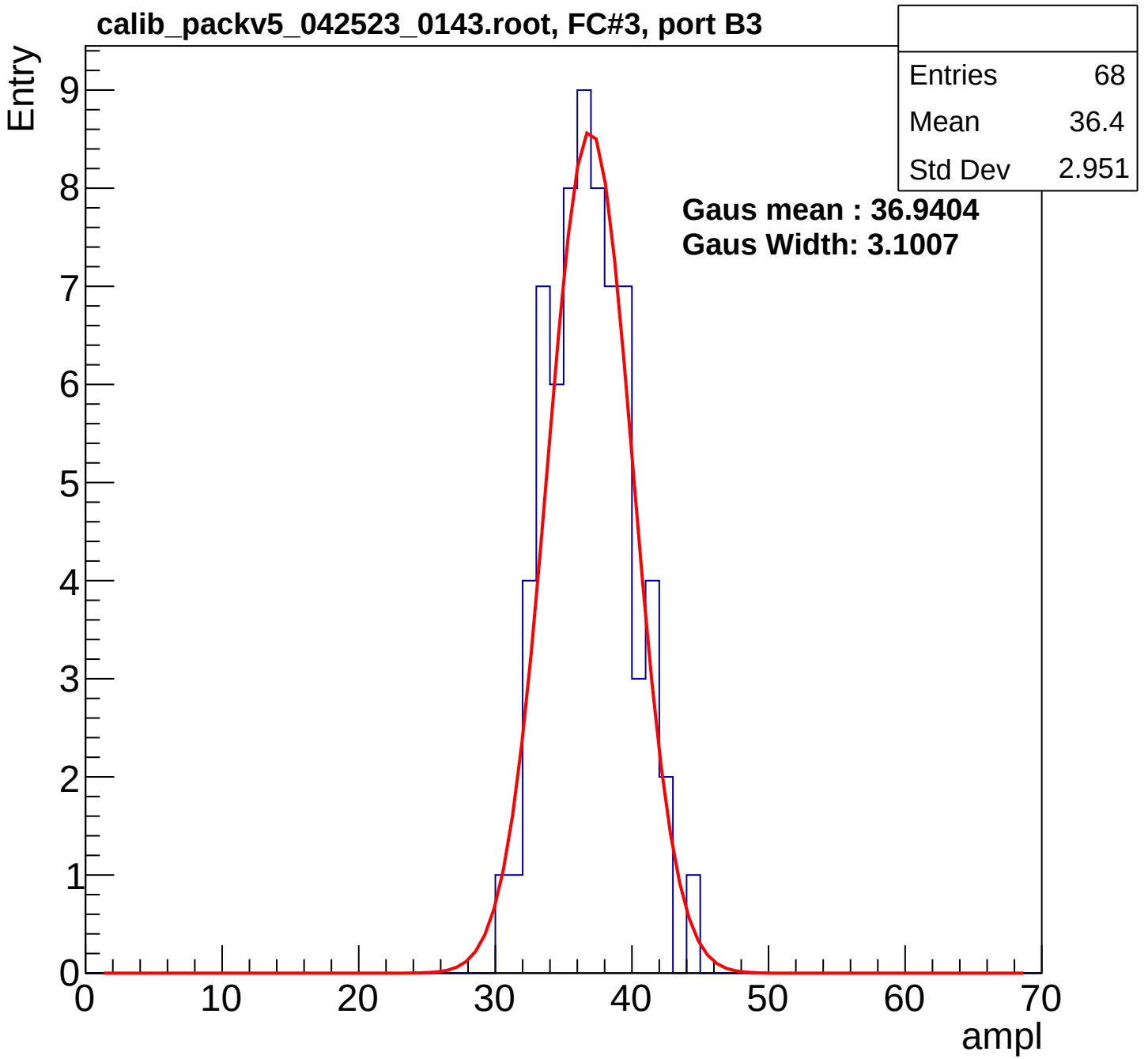

B1L000S, U23-ch26, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 7
Std Dev 9.899
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch27, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 29.18
Std Dev 3.446
Gaus mean : 29.3713
Gaus Width: 3.4257
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch27, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 36.4
Std Dev 2.951
Gaus mean : 36.9404
Gaus Width: 3.1007
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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60
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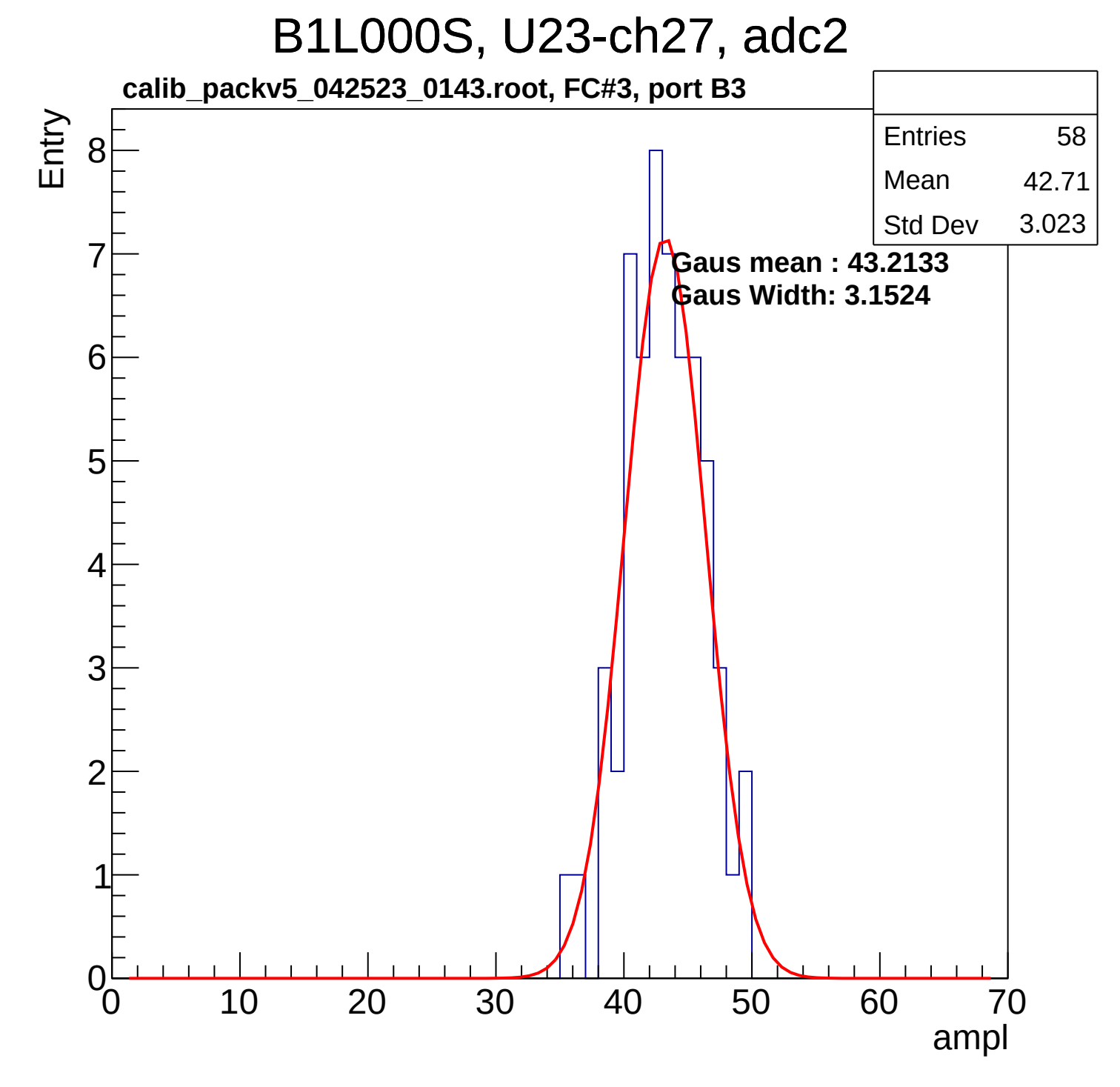
B1L000S, U23-ch27, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.71
Std Dev 3.023
Gaus mean : 43.2133
Gaus Width: 3.1524
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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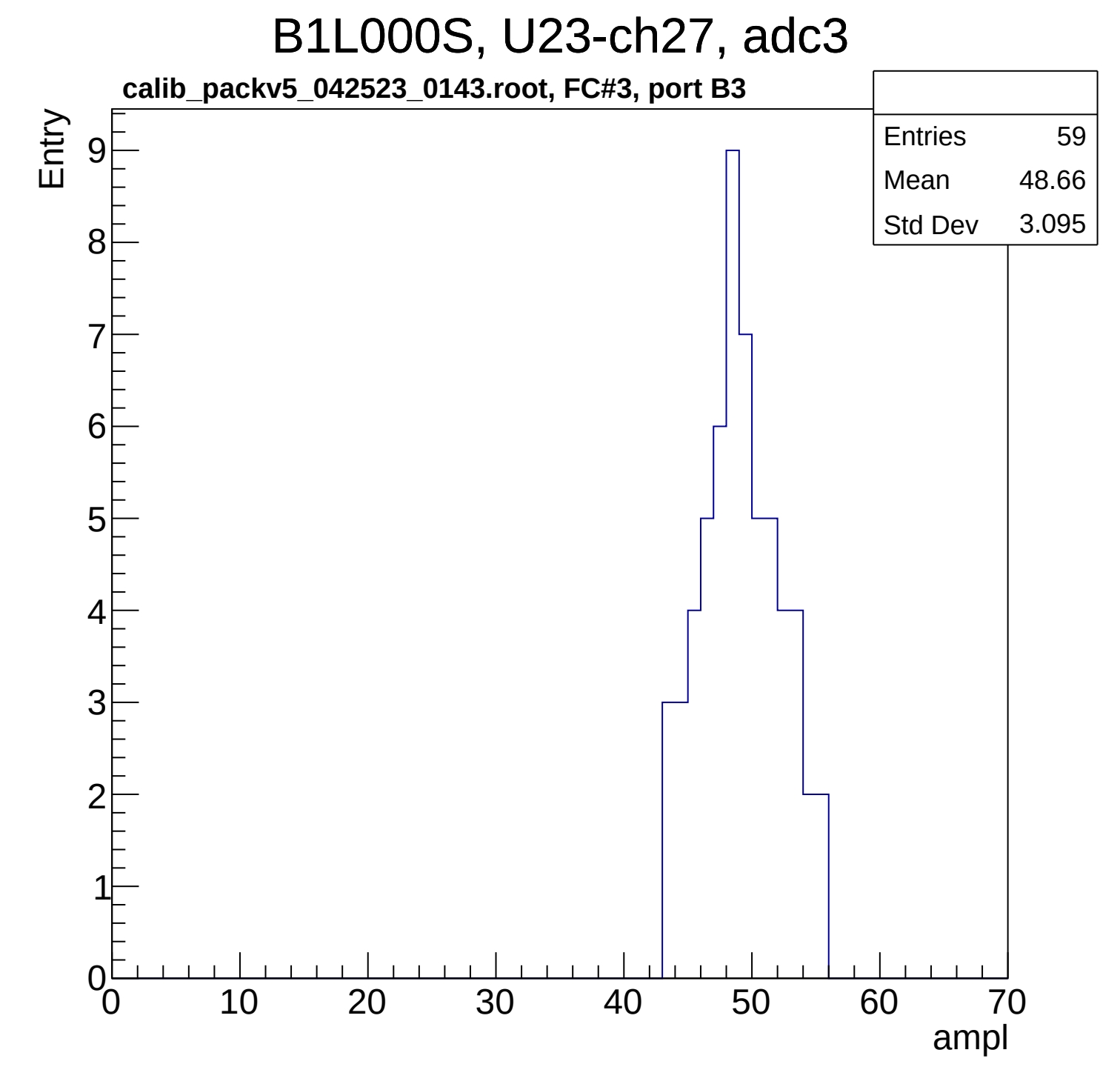
B1L000S, U23-ch27, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.66
Std Dev 3.095
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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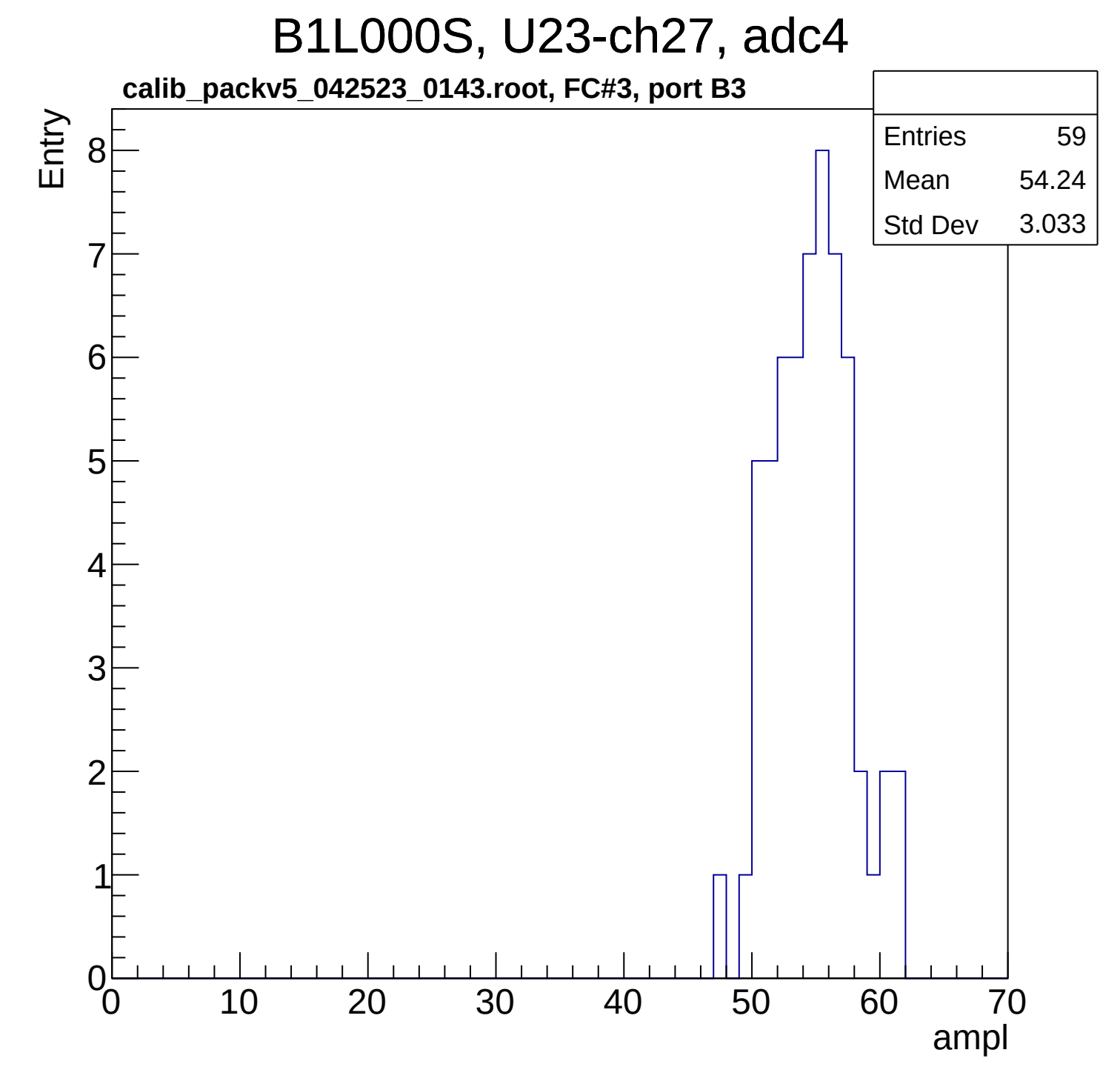
B1L000S, U23-ch27, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.24
Std Dev 3.033
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
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60
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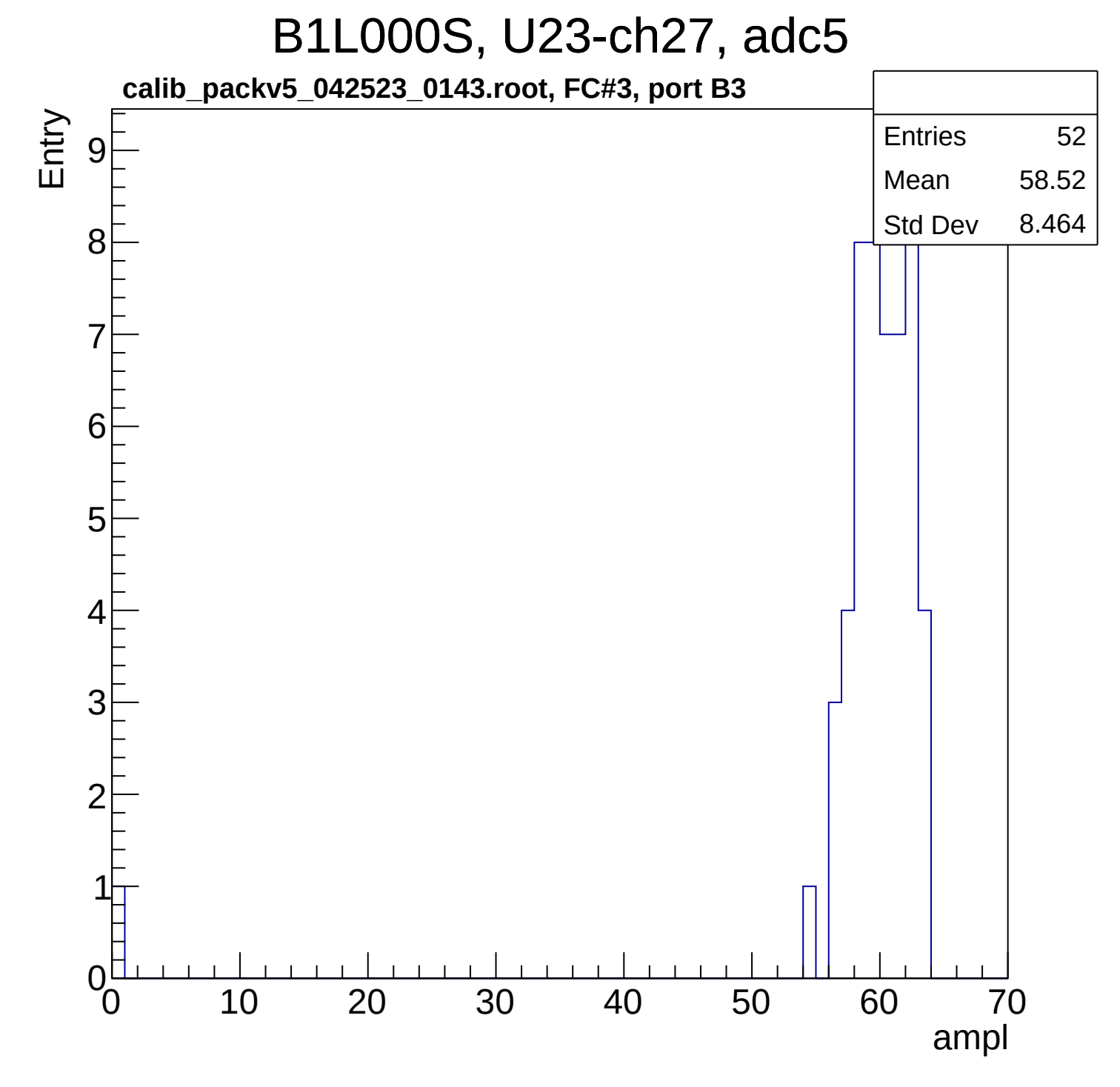
B1L000S, U23-ch27, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.52
Std Dev 8.464
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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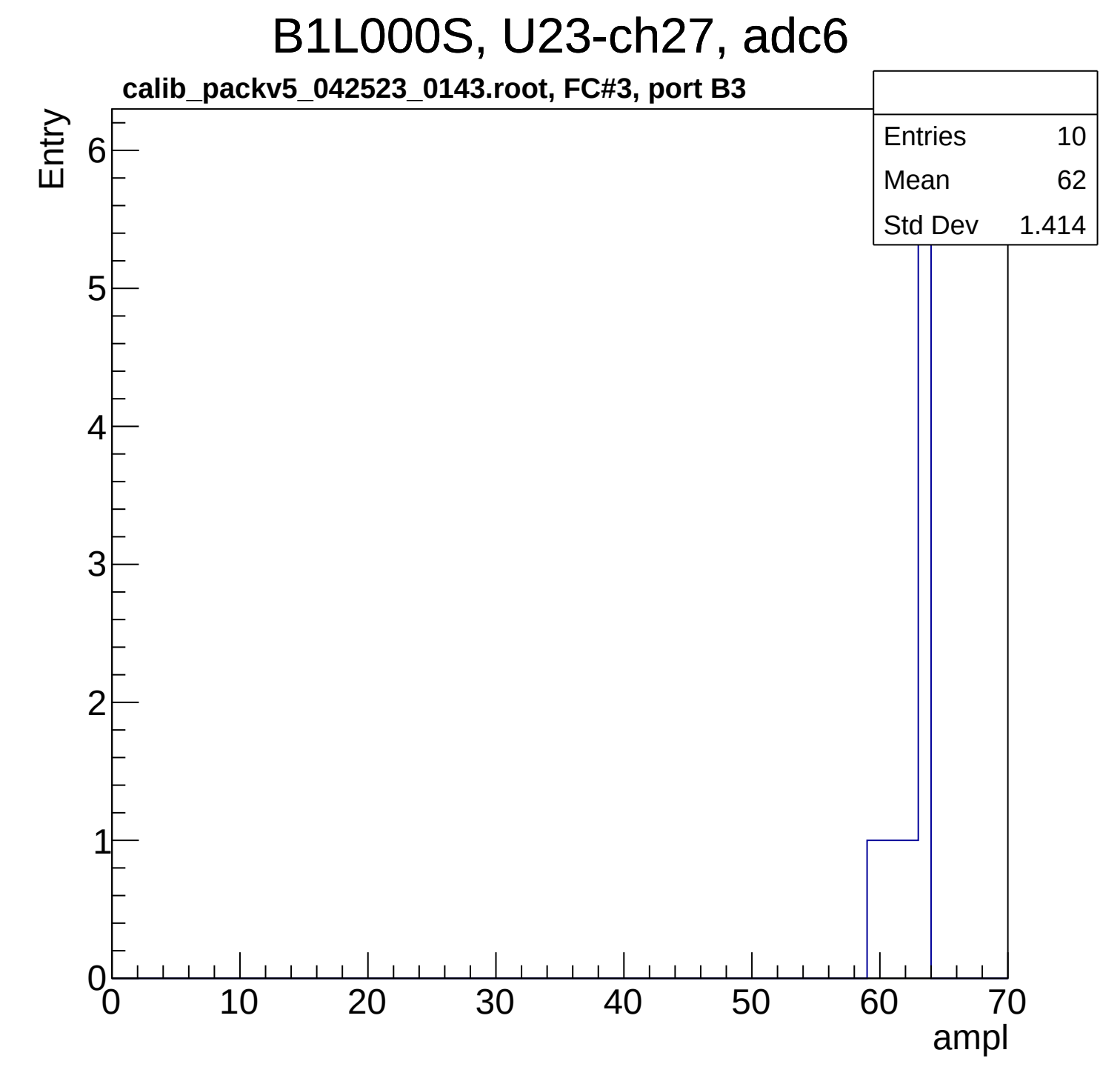
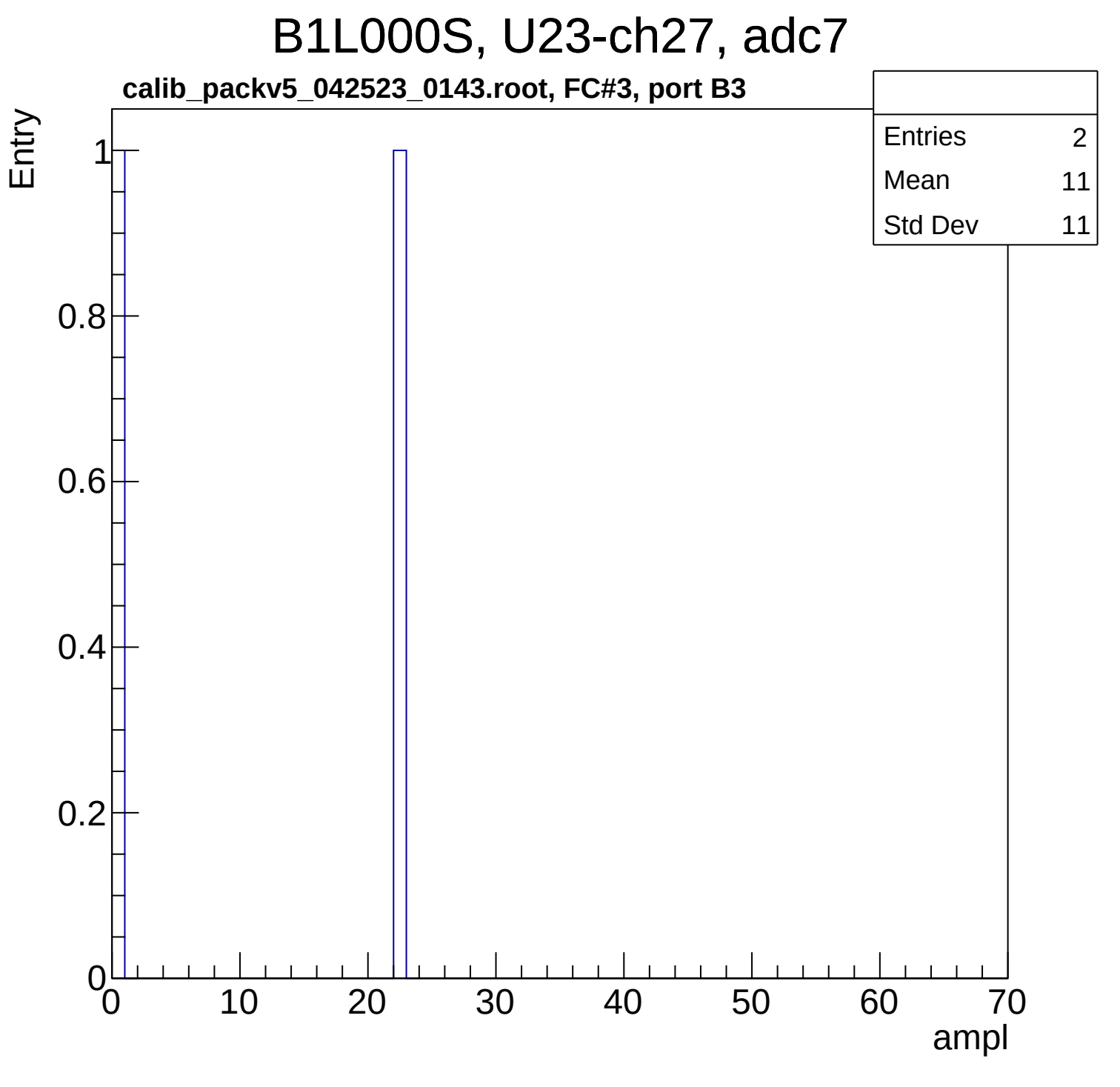
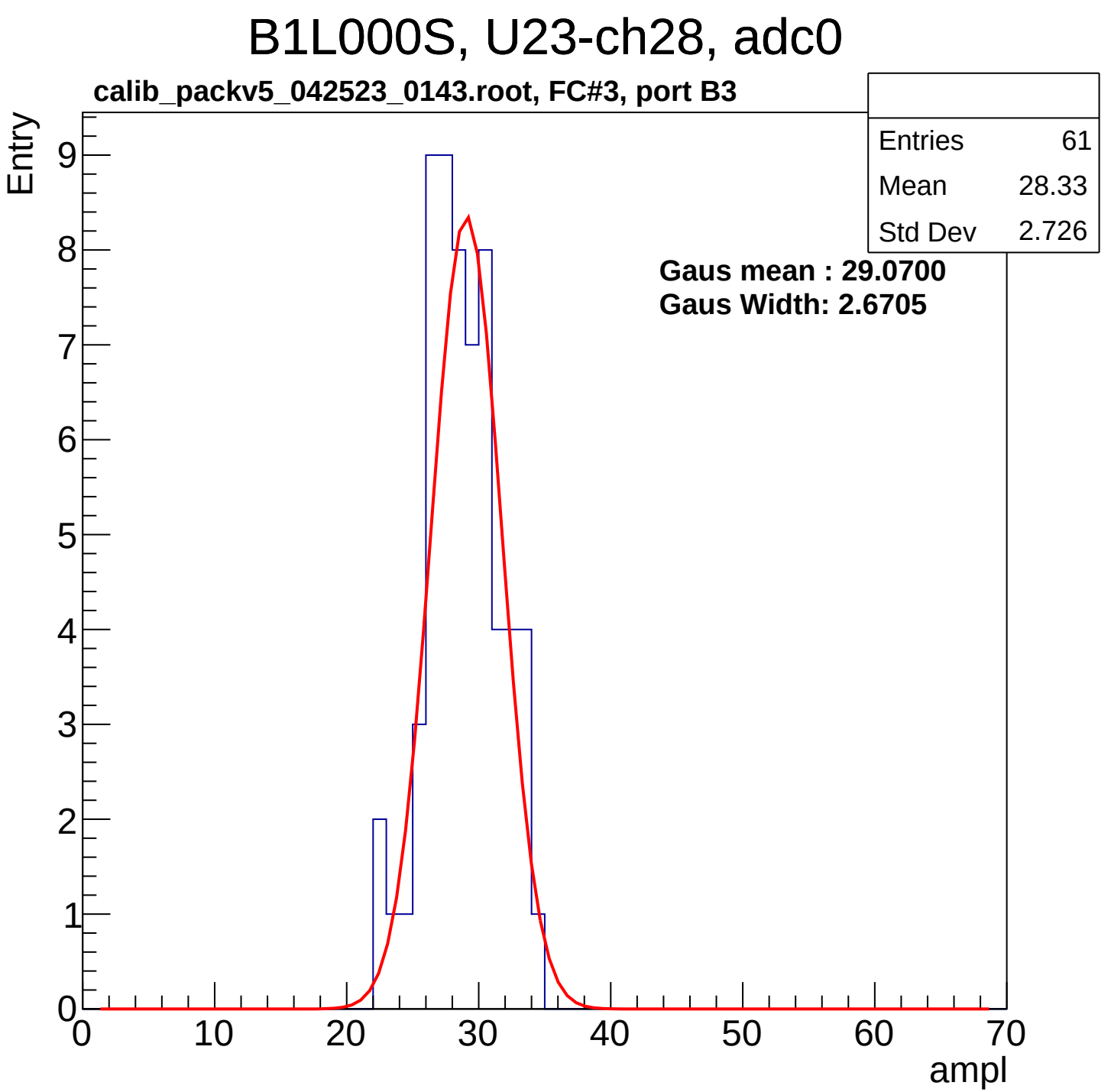
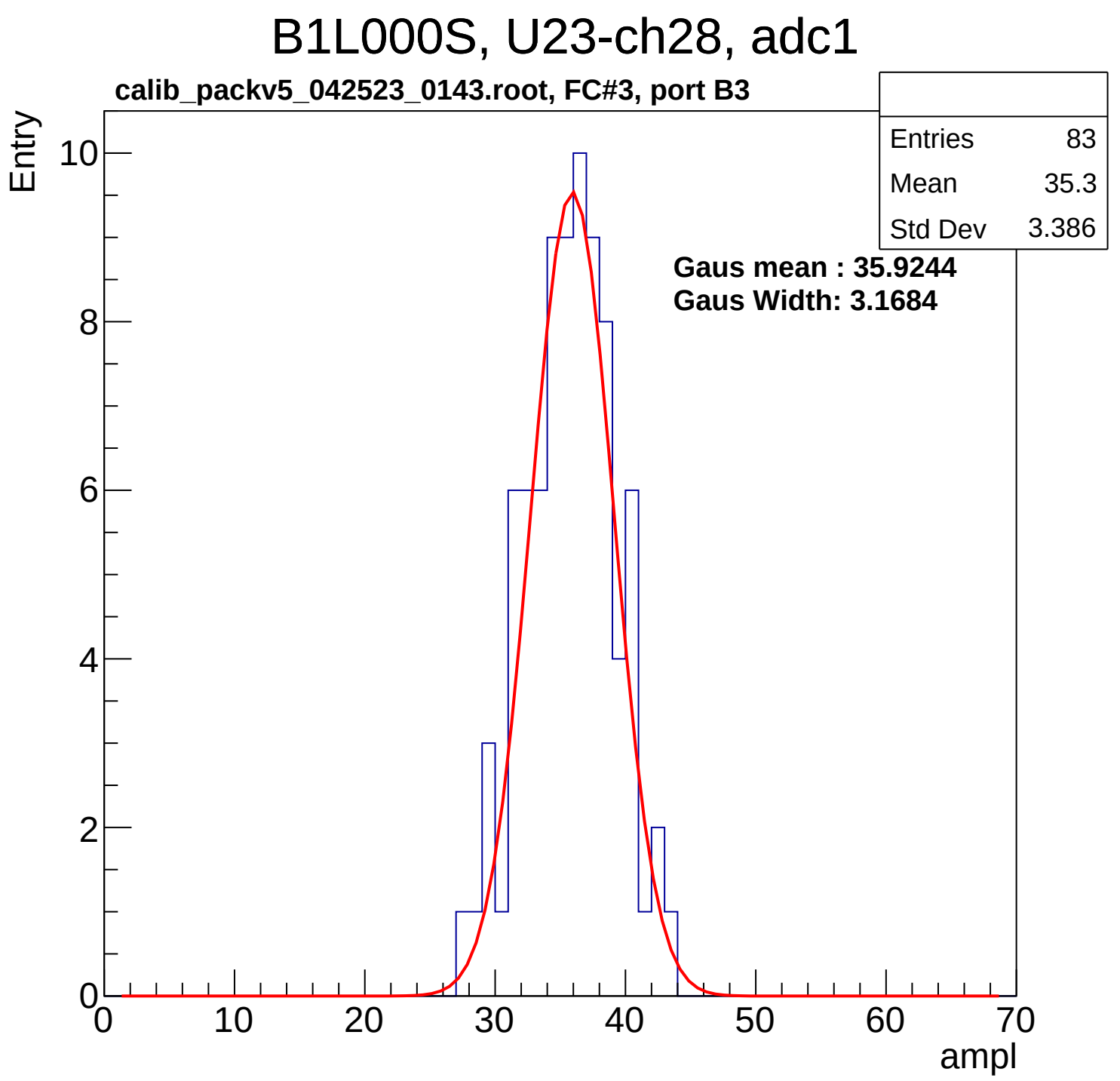
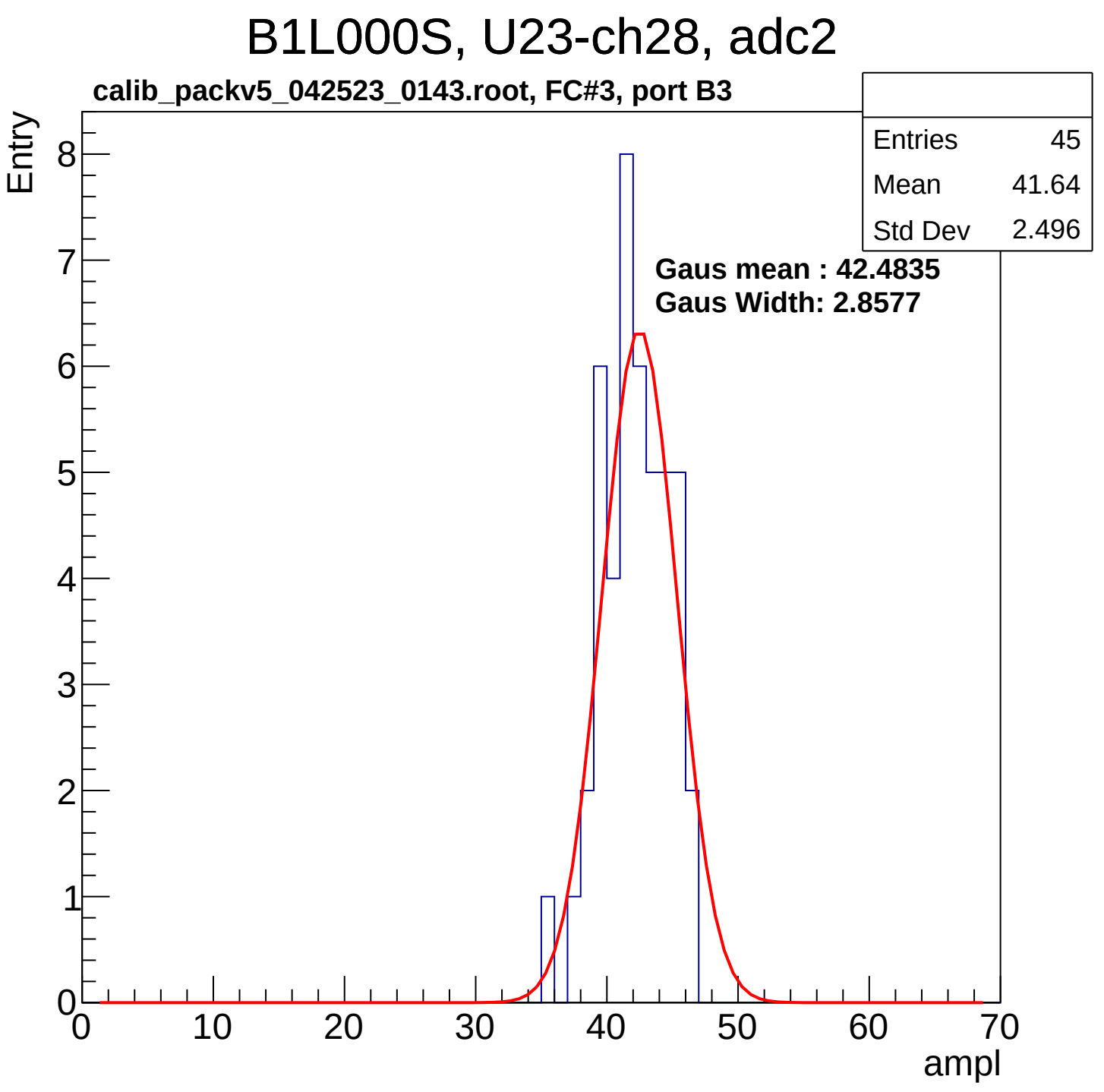
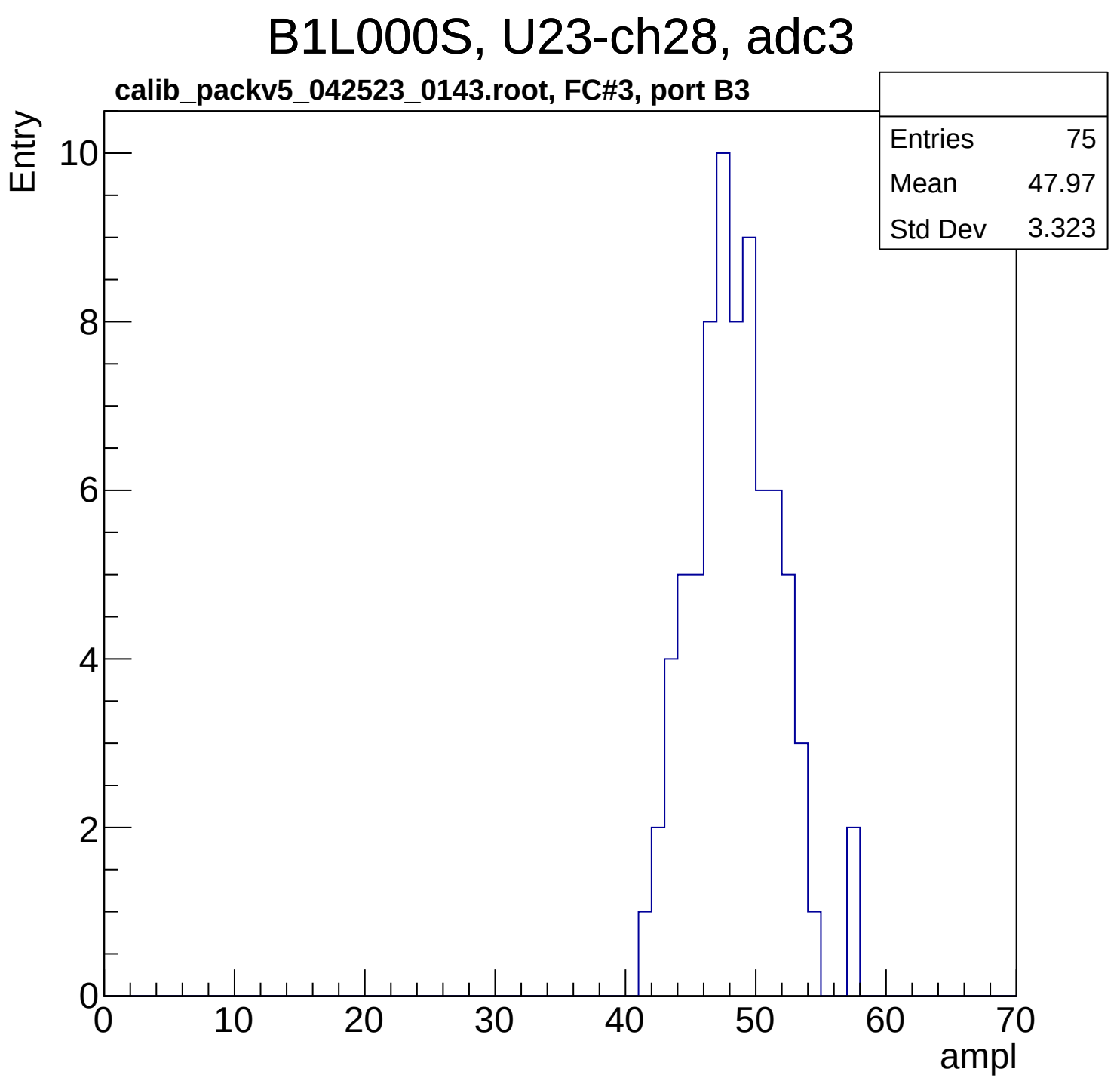

B1L000S, U23-ch27, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 62
Std Dev 1.414
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

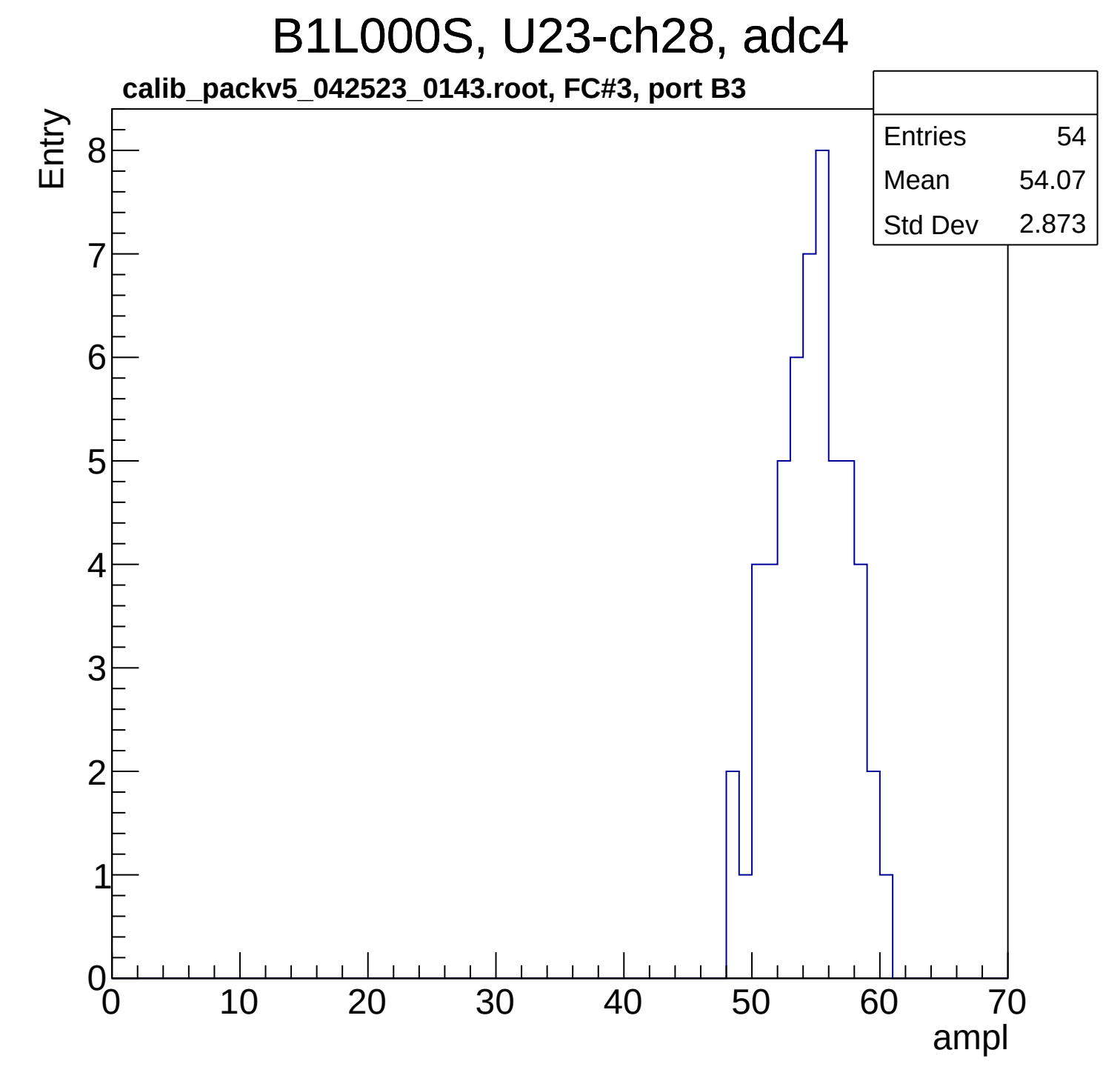

B1L000S, U23-ch27, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

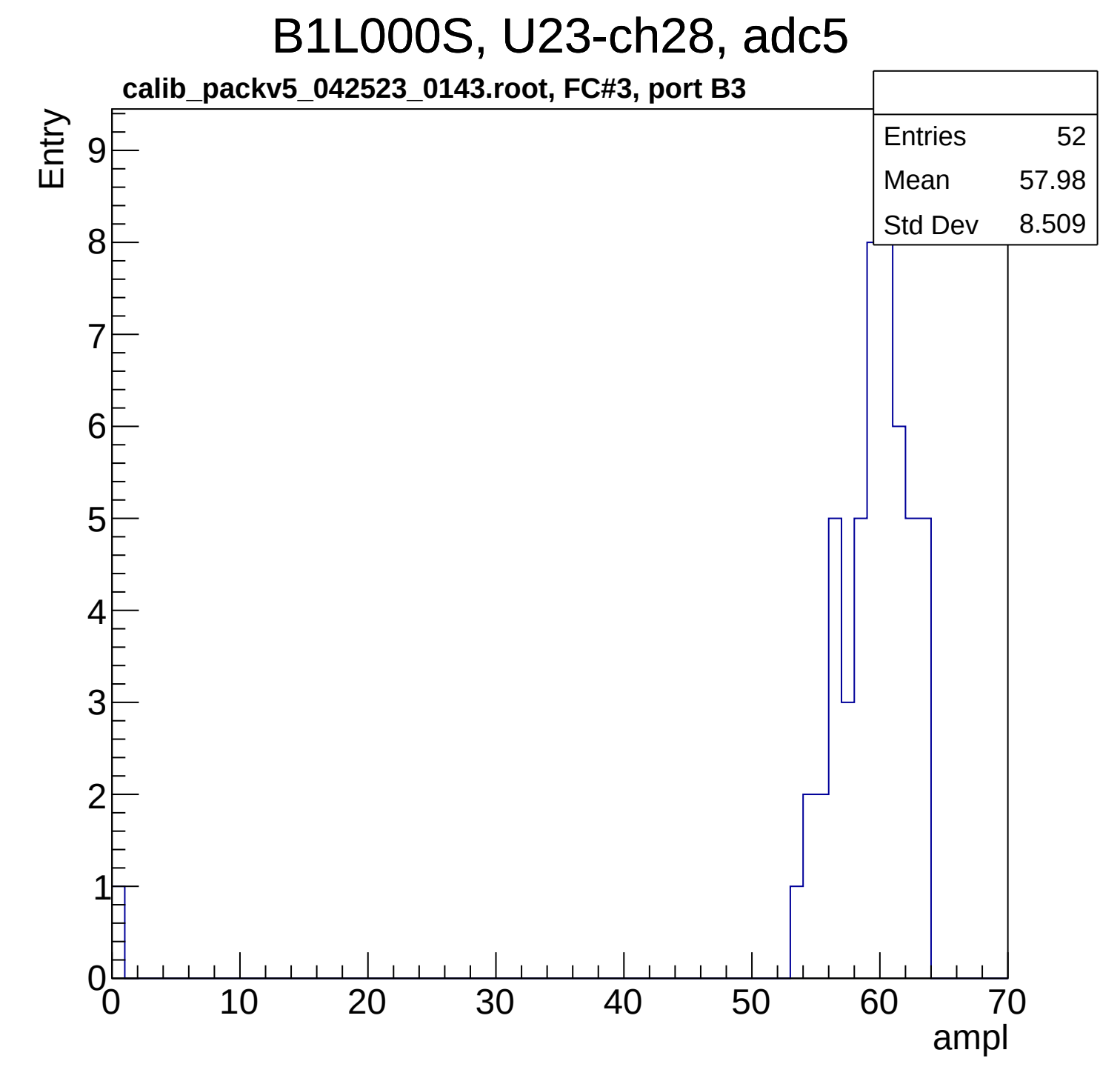

B1L000S, U23-ch28, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 28.33
Std Dev 2.726
Gaus mean : 29.0700
Gaus Width: 2.6705
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch28, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 35.3
Std Dev 3.386
Gaus mean : 35.9244
Gaus Width: 3.1684
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch28, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 41.64
Std Dev 2.496
Gaus mean : 42.4835
Gaus Width: 2.8577
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch28, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.97
Std Dev 3.323
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch28, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.07
Std Dev 2.873
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch28, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 57.98
Std Dev 8.509
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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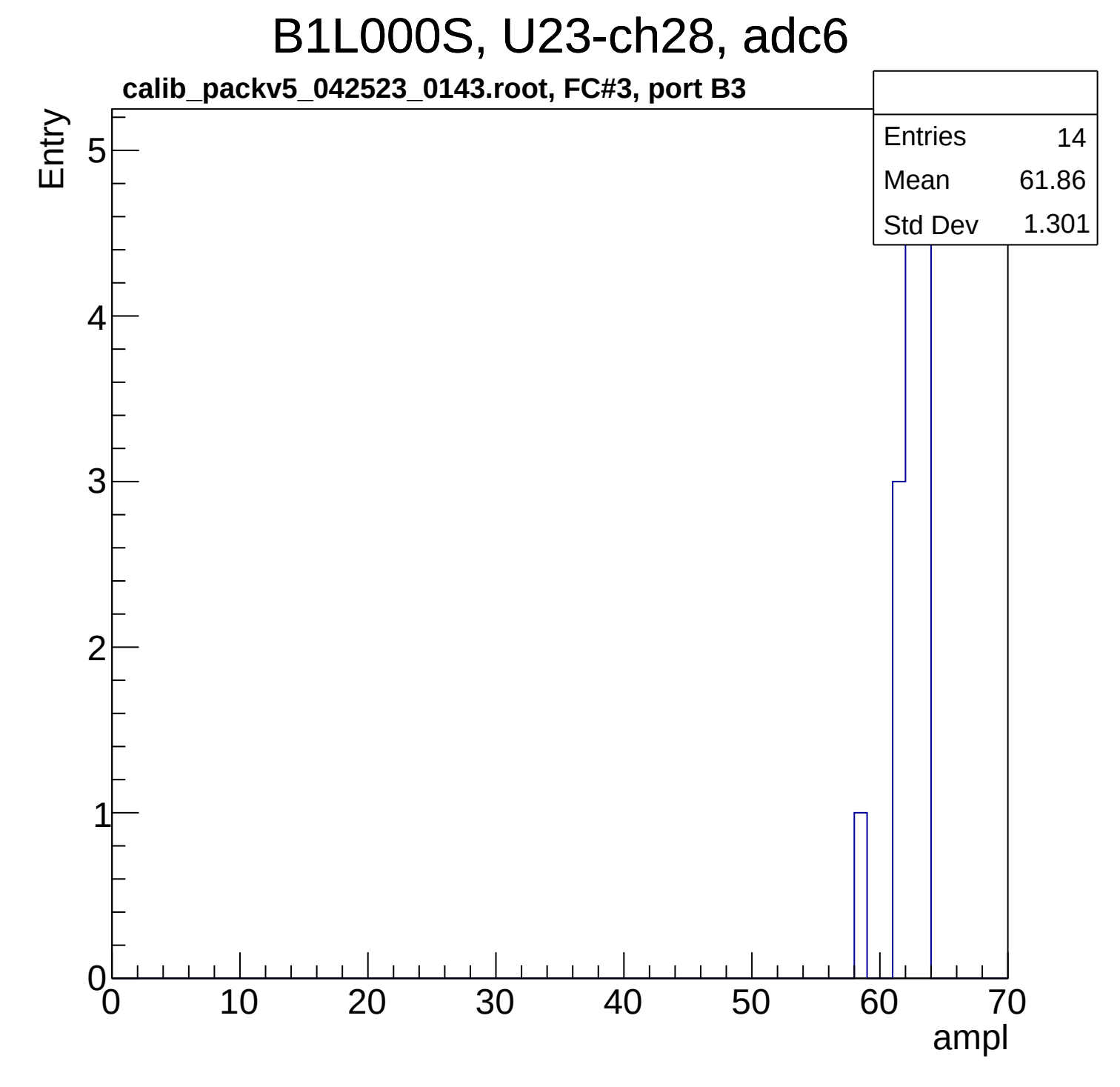
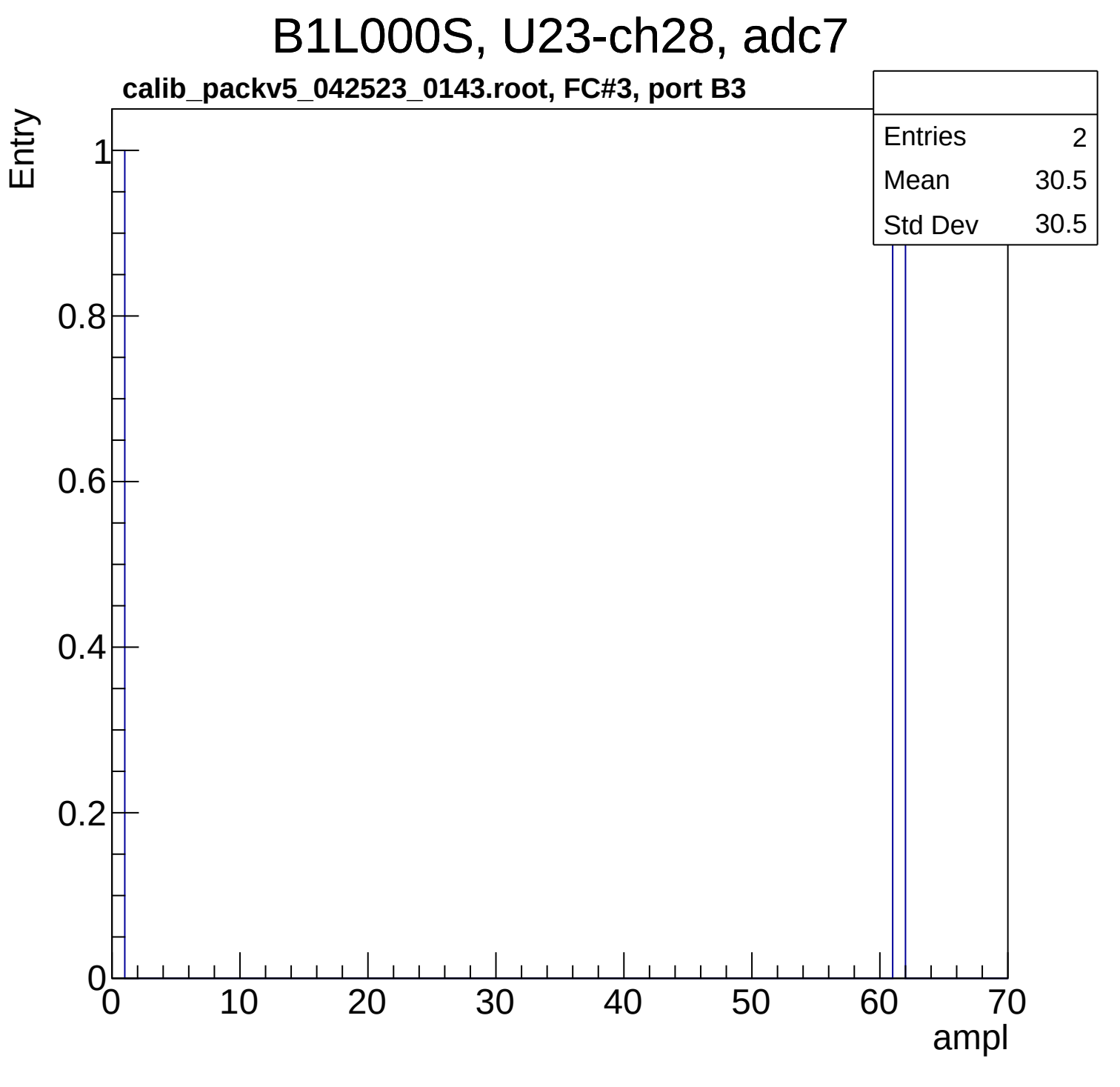
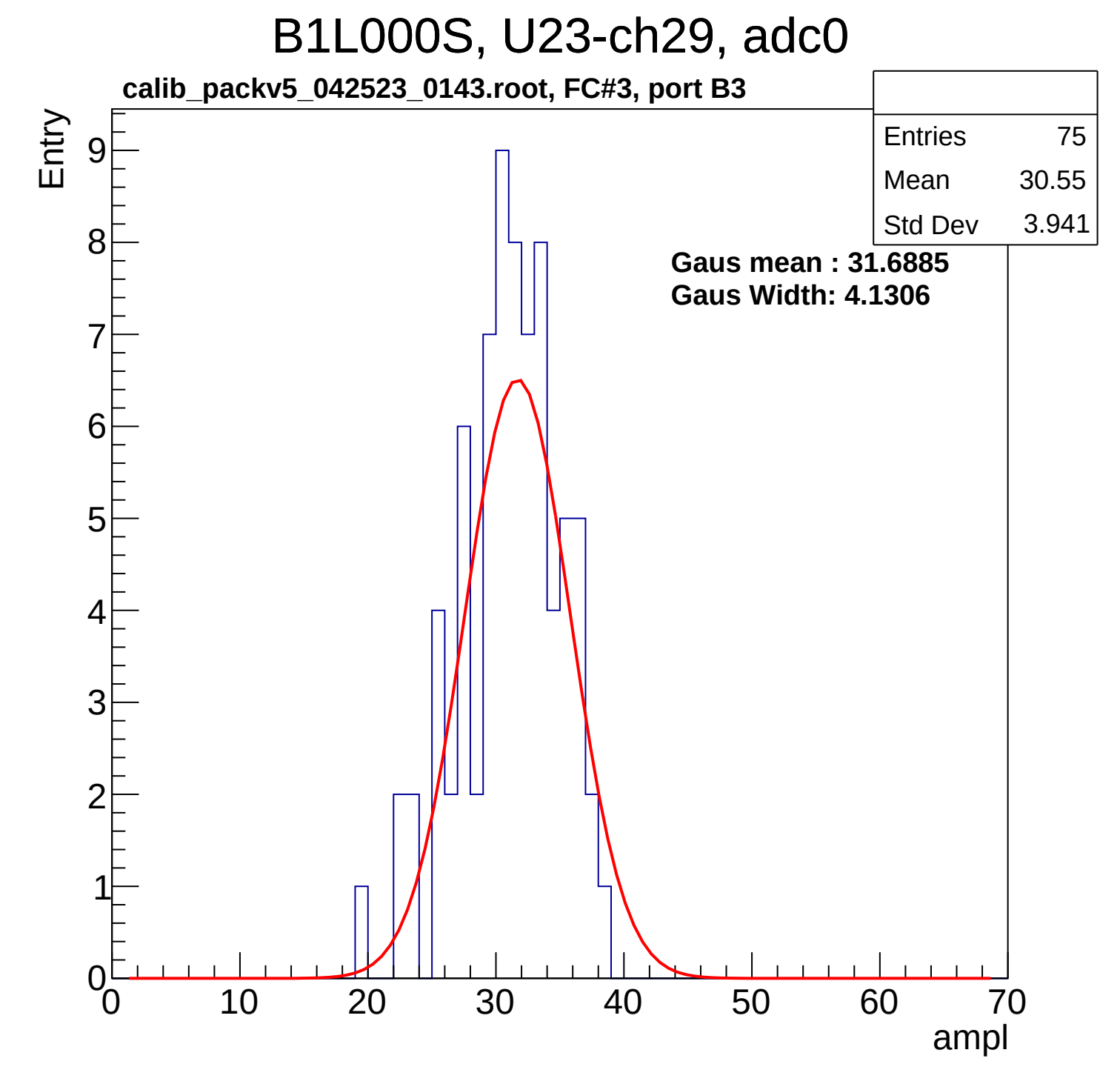
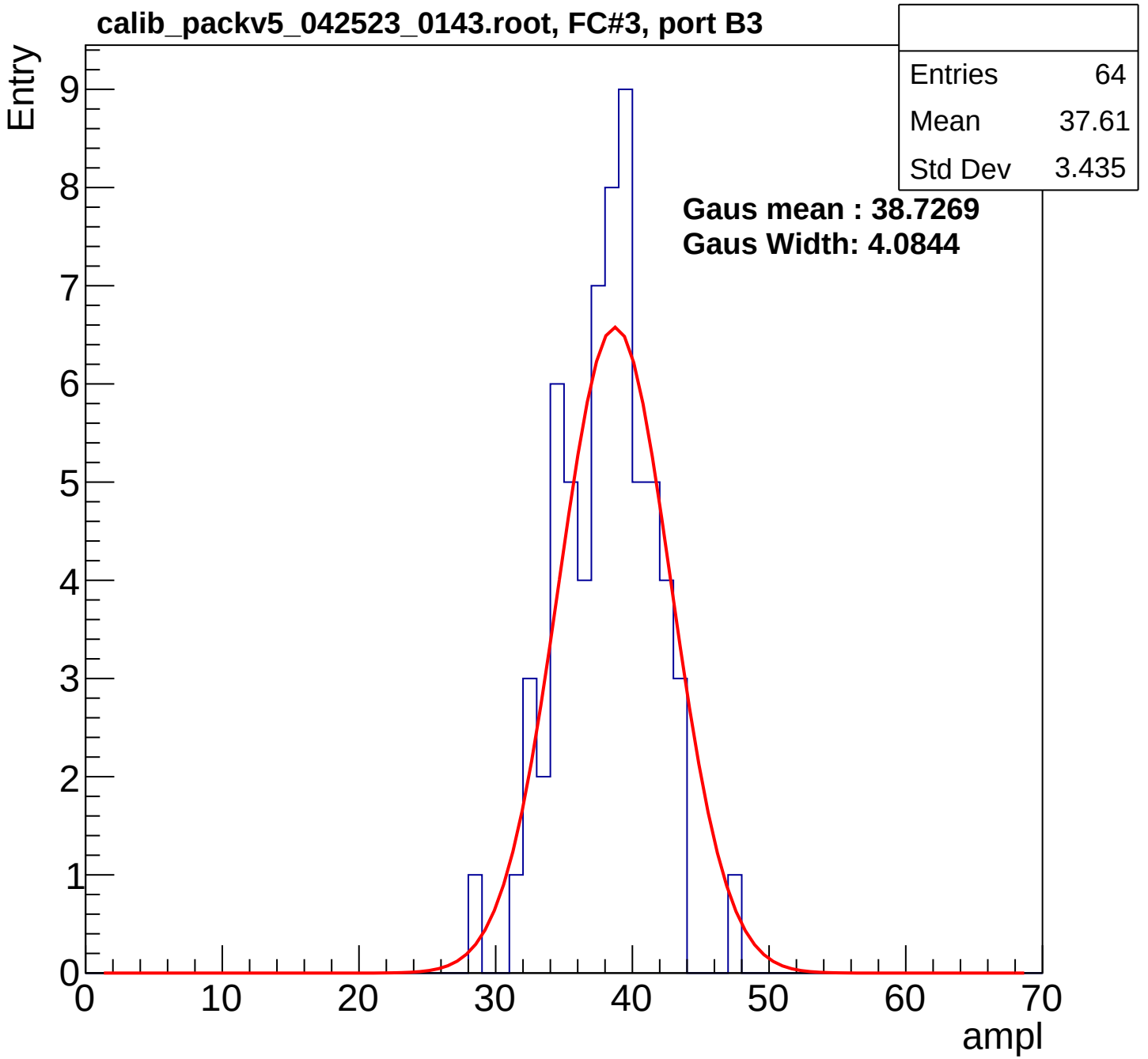
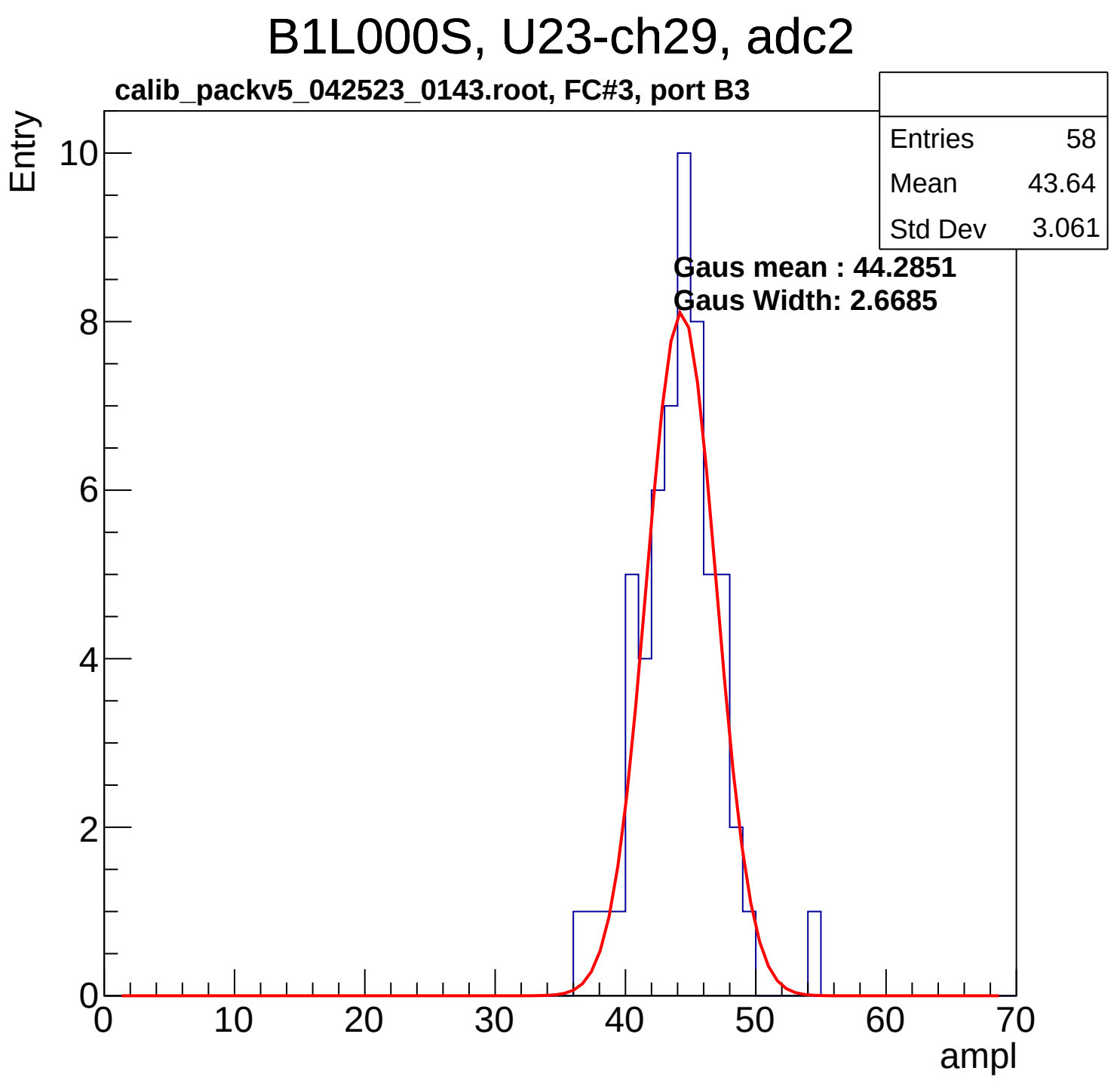
20
30
40
50
60
70

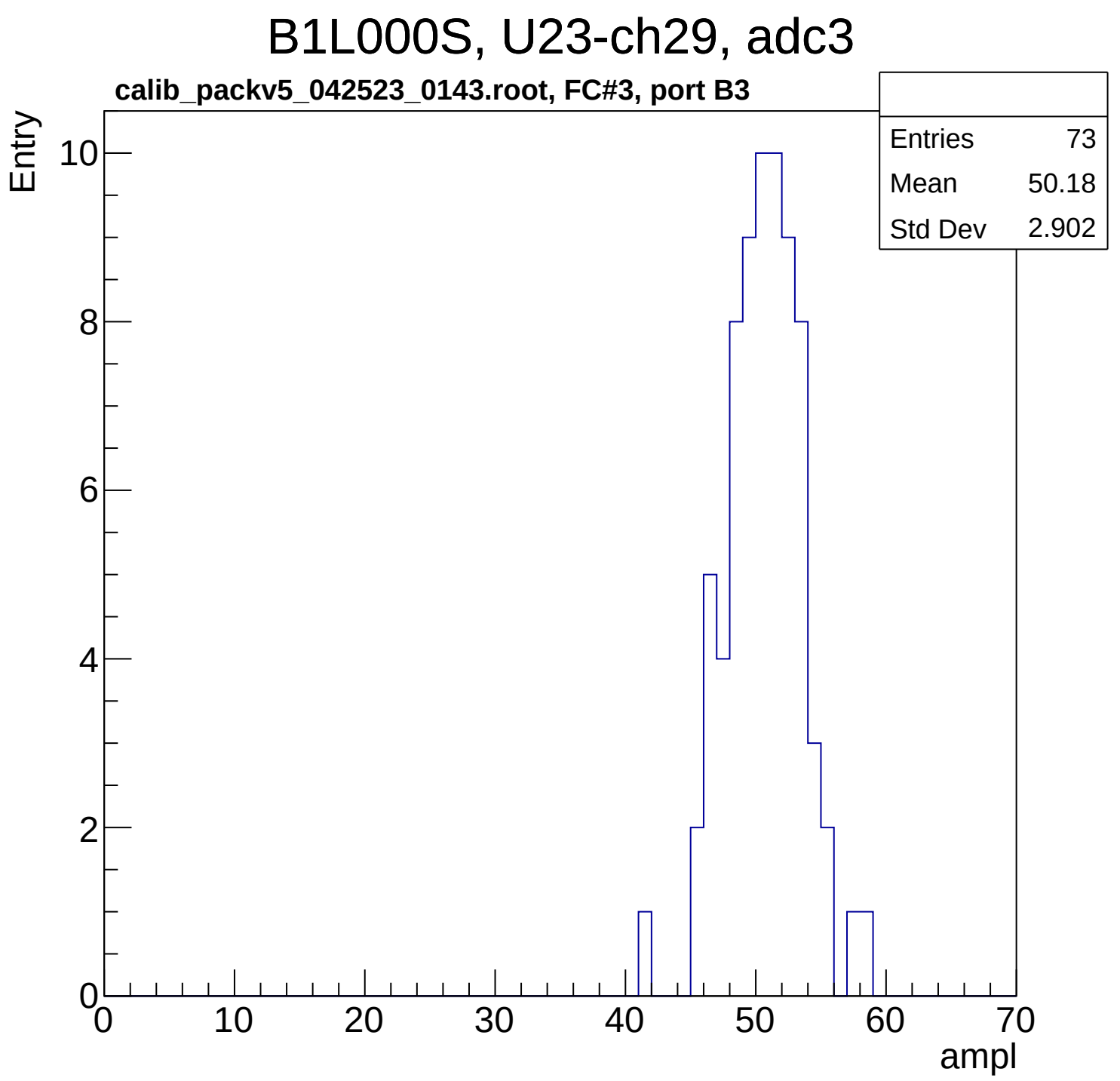

B1L000S, U23-ch28, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.86
Std Dev 1.301
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

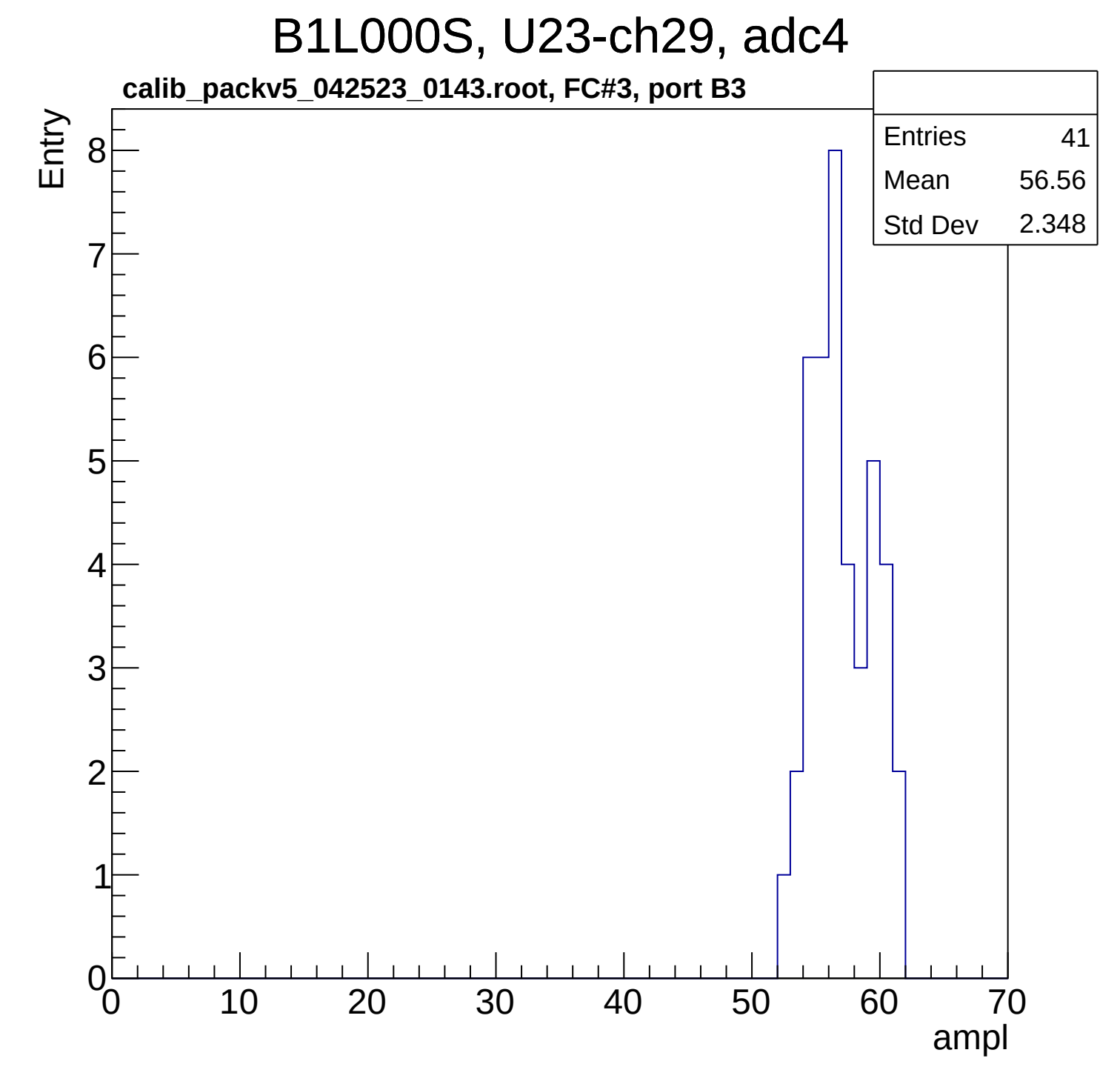

B1L000S, U23-ch28, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 30.5
Std Dev 30.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch29, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 30.55
Std Dev 3.941
Gaus mean : 31.6885
Gaus Width: 4.1306
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch29, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 37.61
Std Dev 3.435
Gaus mean : 38.7269
Gaus Width: 4.0844
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch29, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 43.64
Std Dev 3.061
Gaus mean : 44.2851
Gaus Width: 2.6685
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch29, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 50.18
Std Dev 2.902
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch29, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 56.56
Std Dev 2.348
Entry
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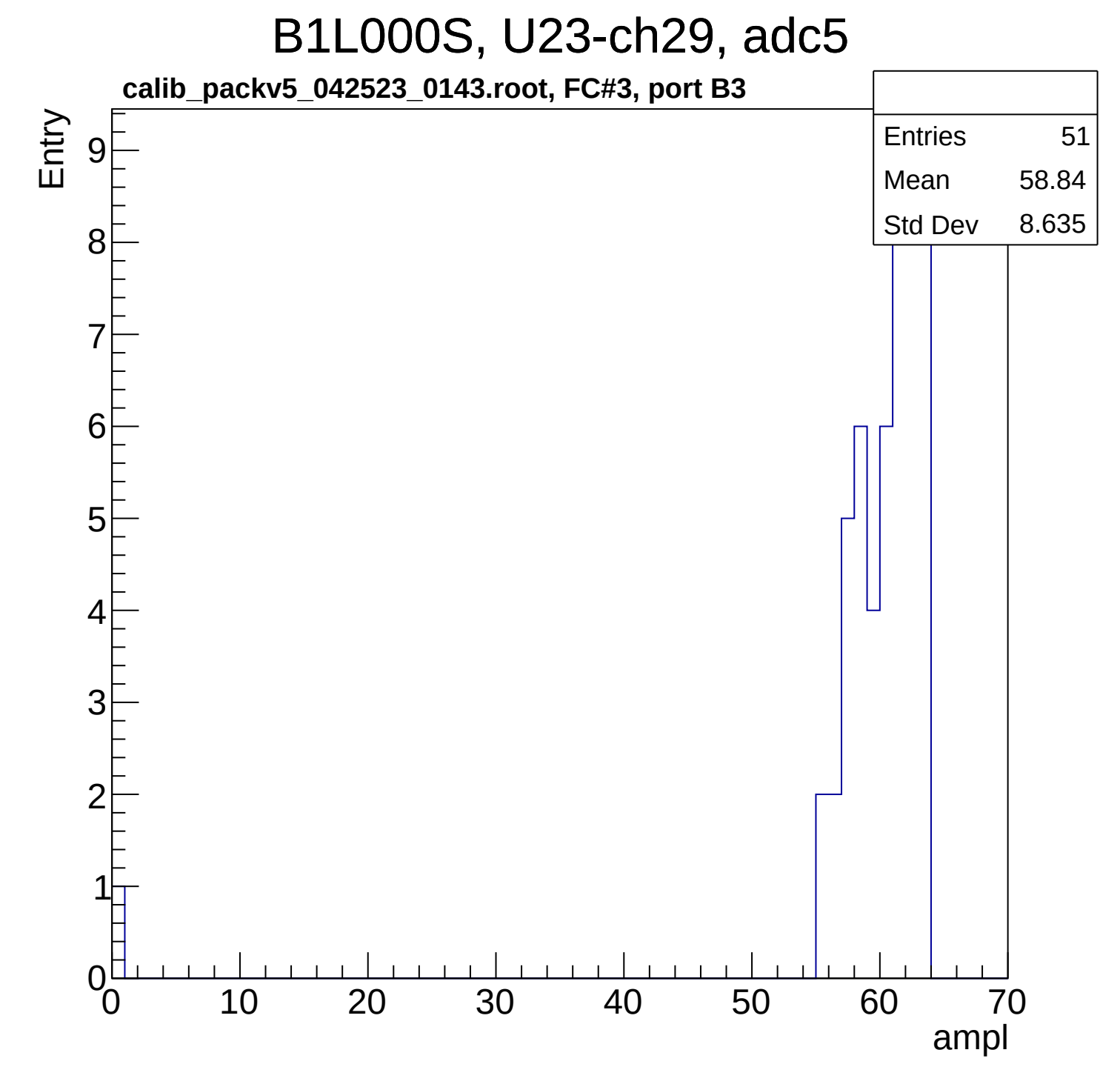
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch29, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.84
Std Dev 8.635
Entry
ampl
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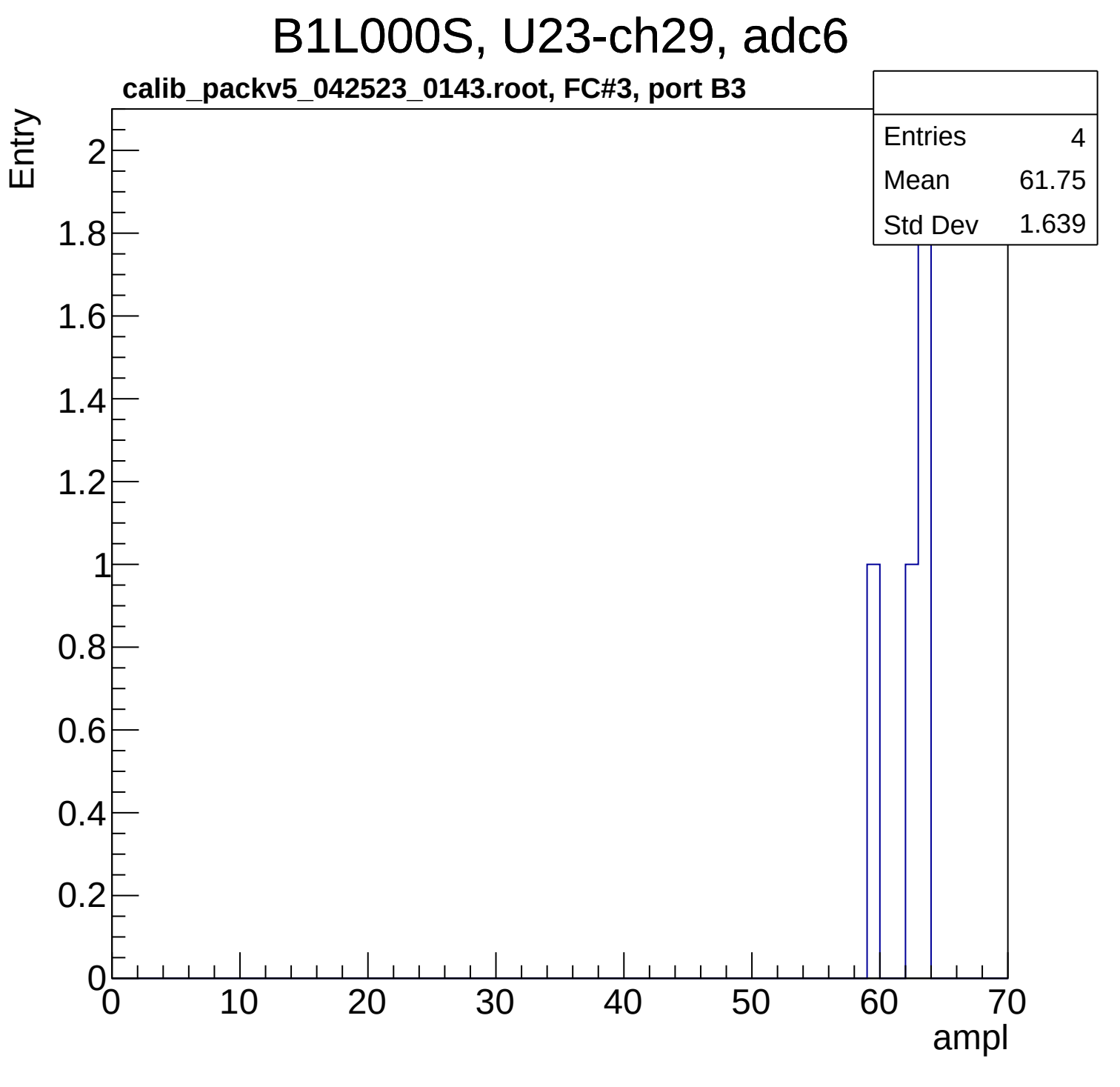
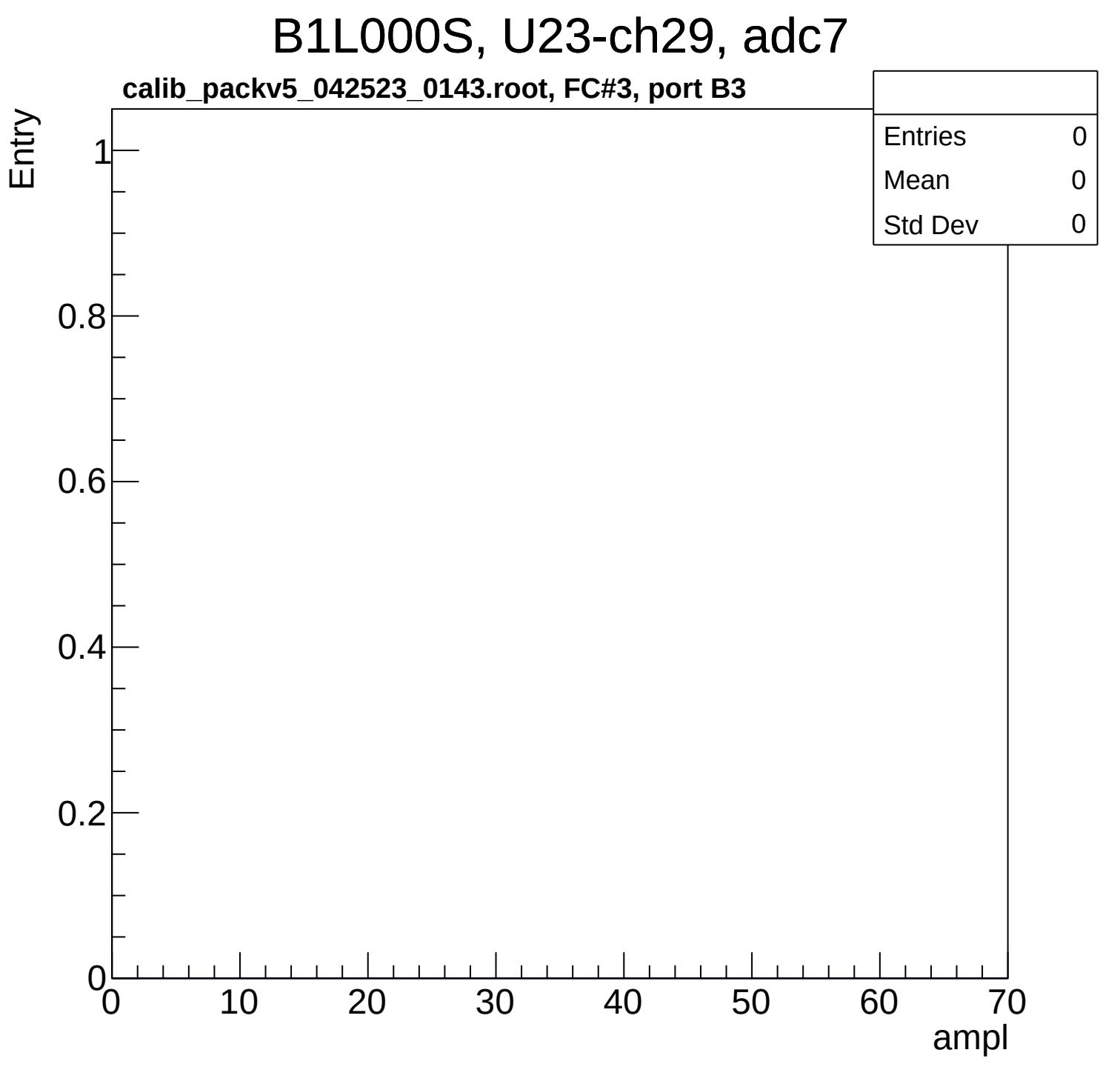
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch29, 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, U23-ch29, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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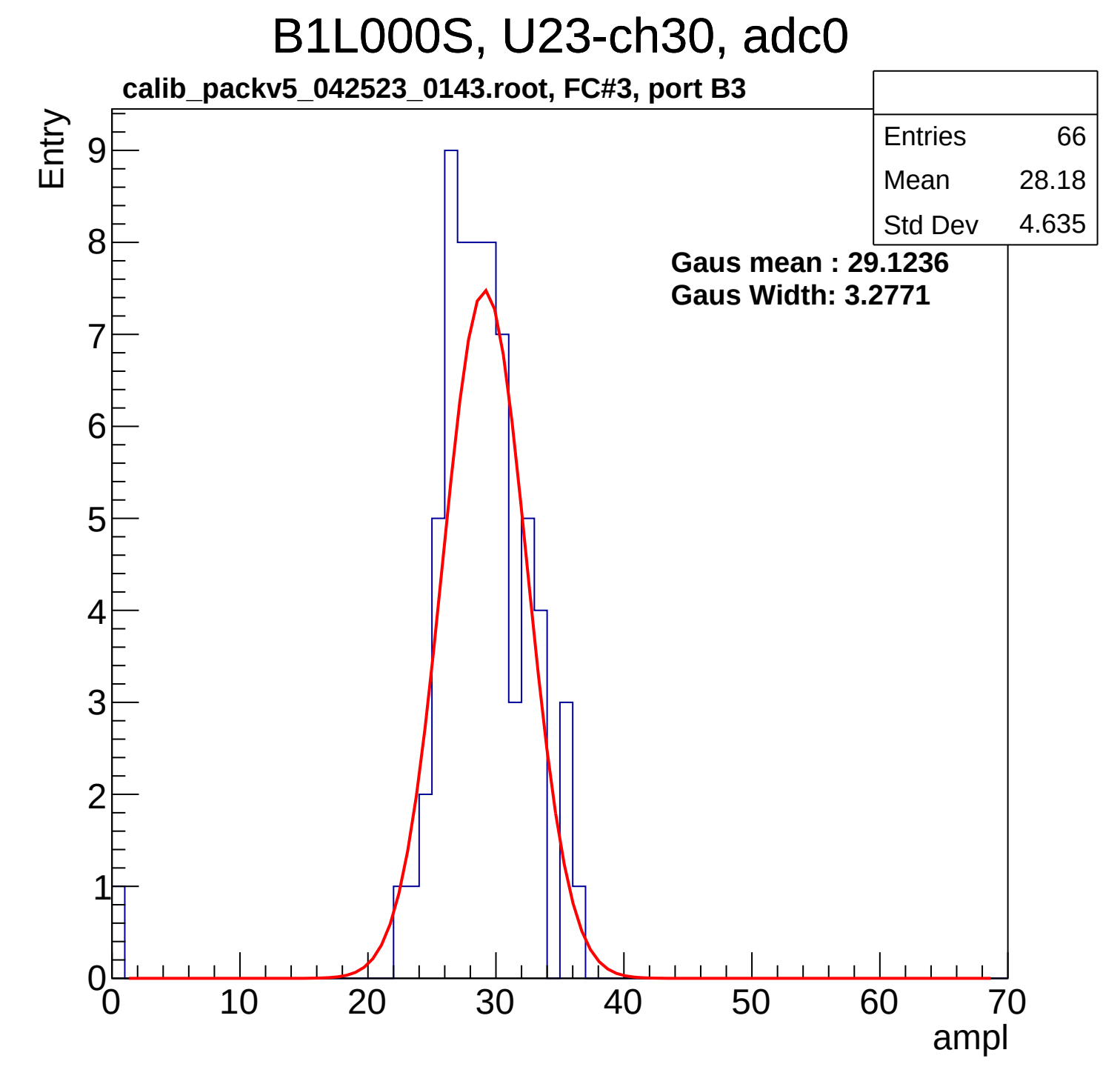
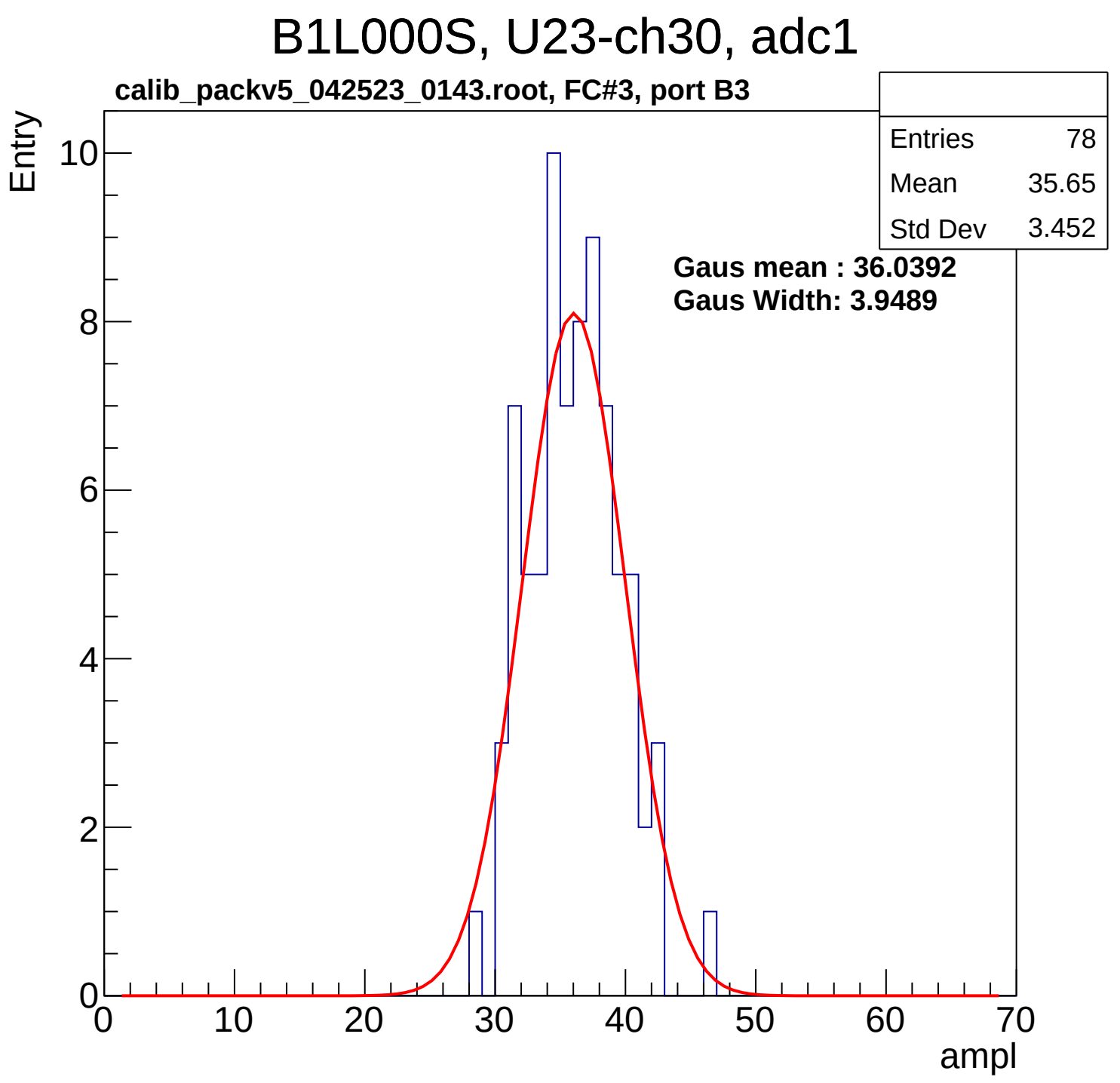
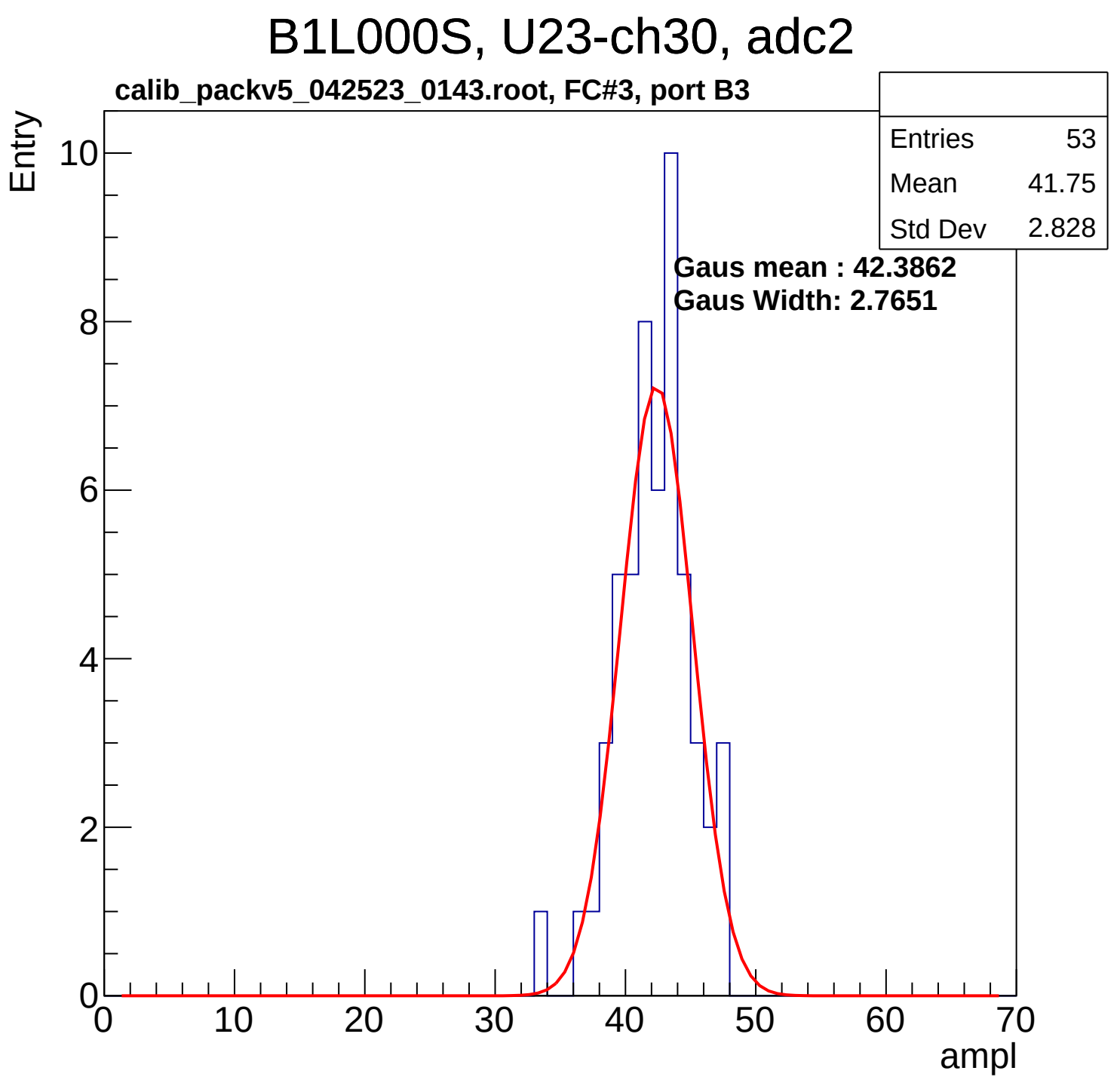
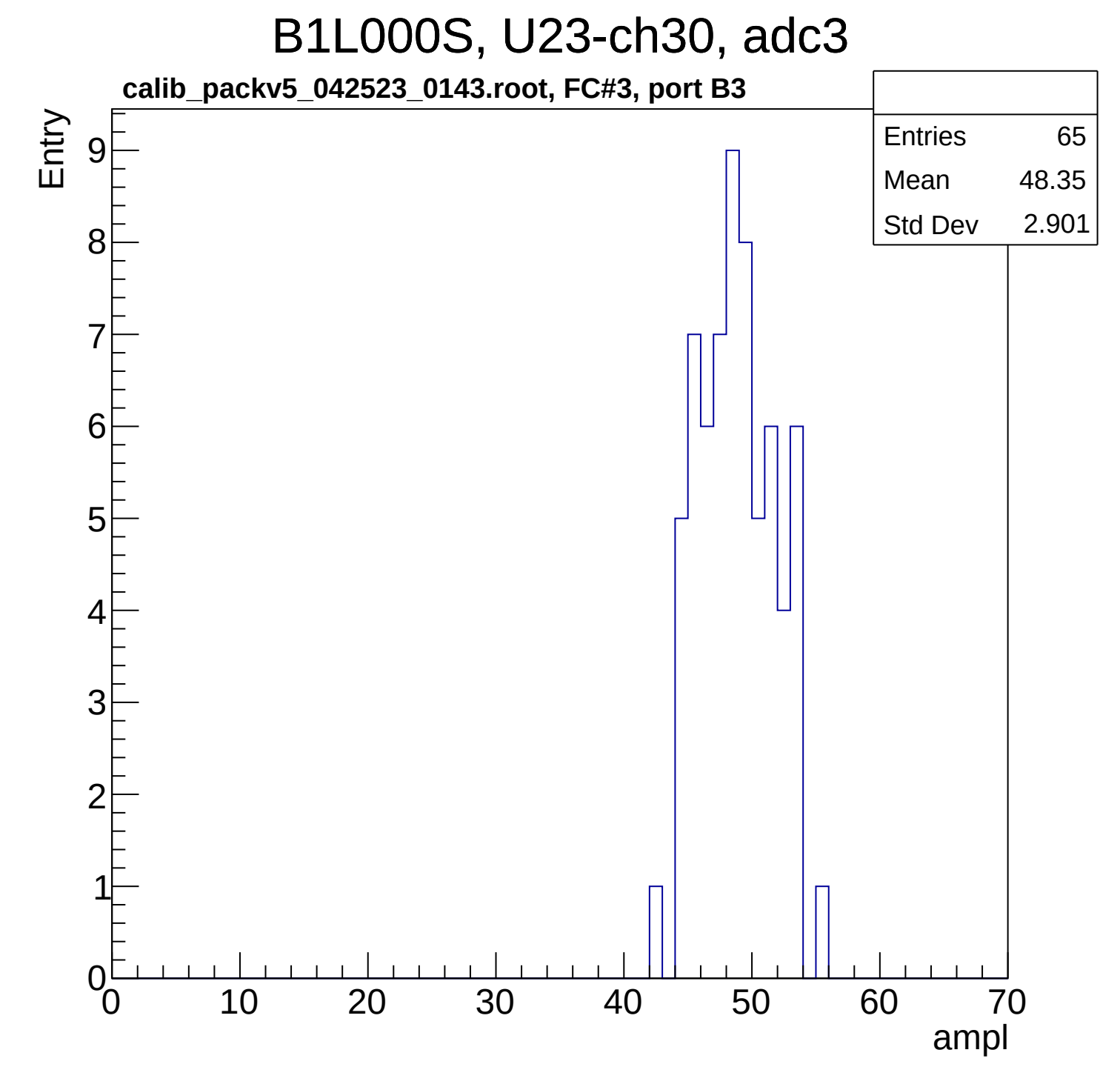
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch30, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 28.18
Std Dev 4.635
Gaus mean : 29.1236
Gaus Width: 3.2771
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch30, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 35.65
Std Dev 3.452
Gaus mean : 36.0392
Gaus Width: 3.9489
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch30, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 41.75
Std Dev 2.828
Gaus mean : 42.3862
Gaus Width: 2.7651
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch30, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 48.35
Std Dev 2.901
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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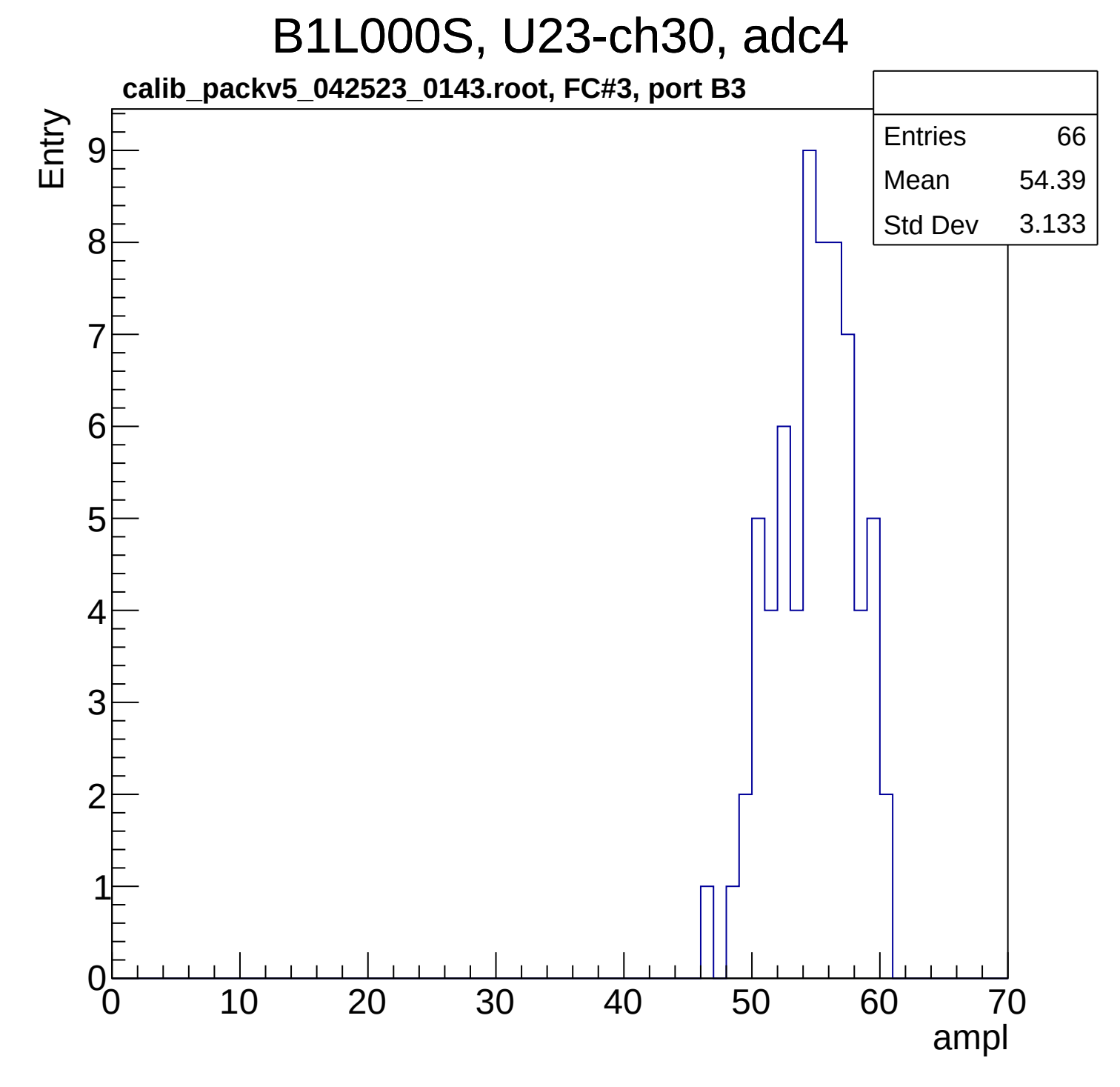
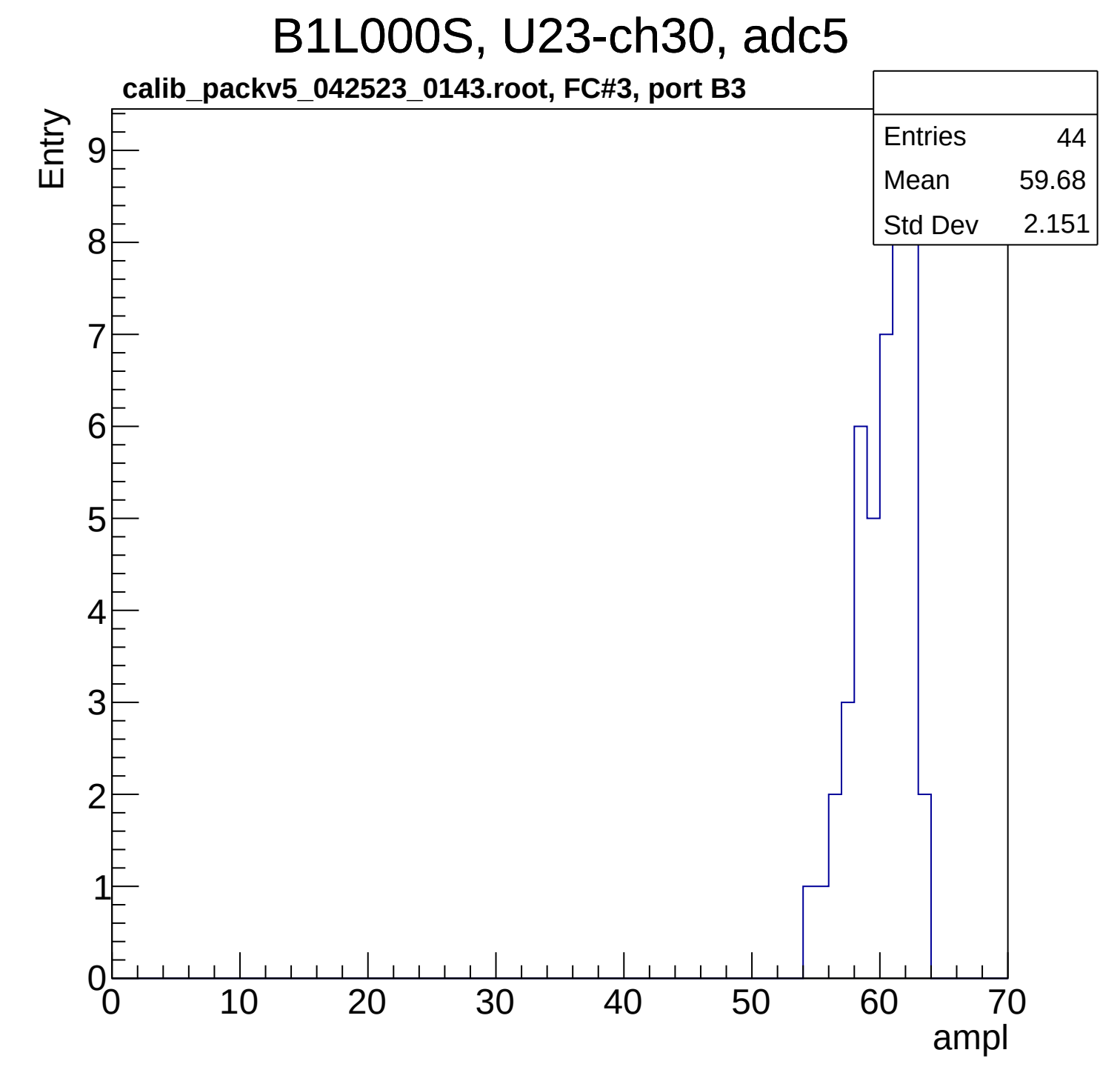

B1L000S, U23-ch30, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 54.39
Std Dev 3.133
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch30, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 59.68
Std Dev 2.151
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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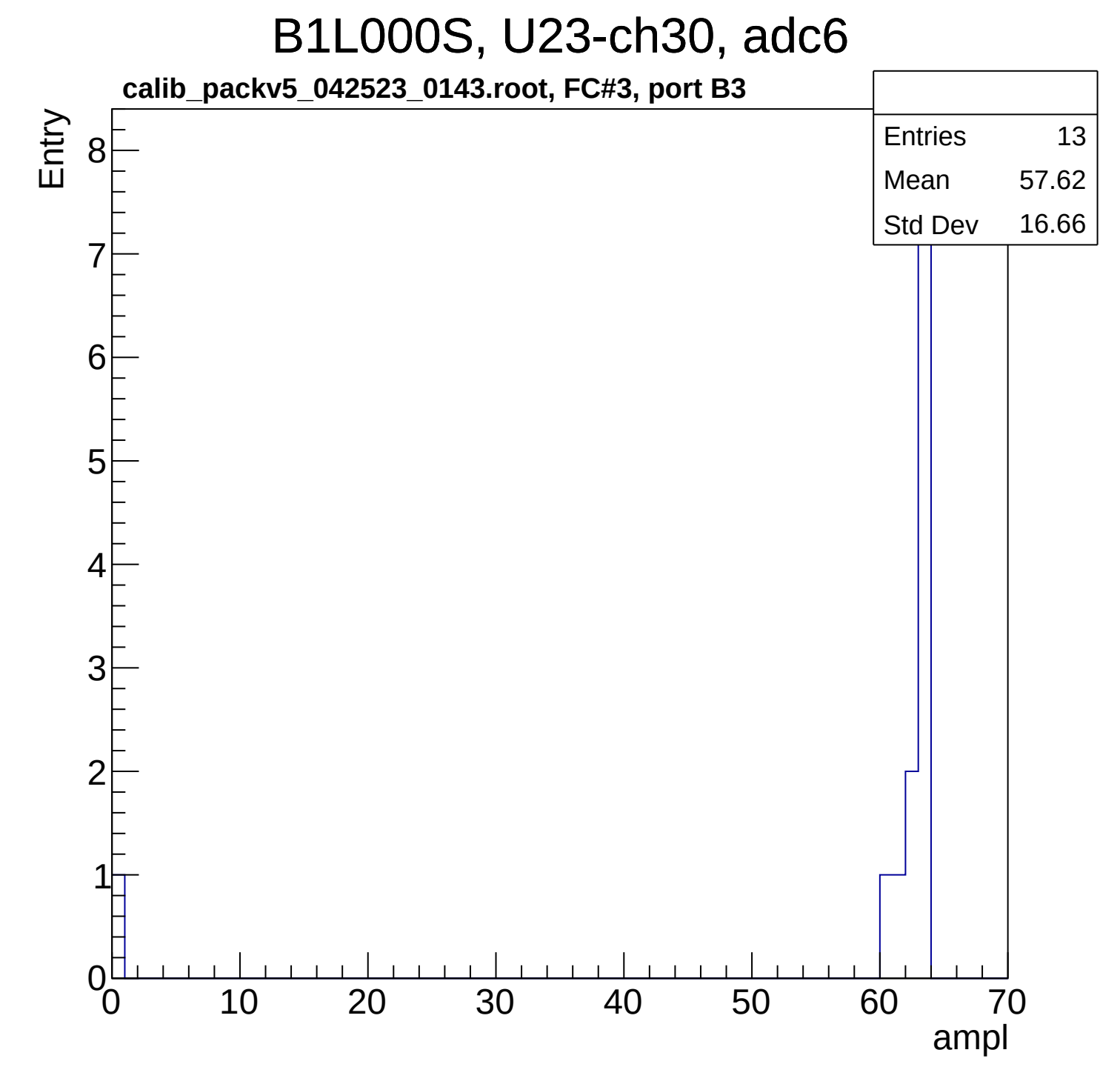
B1L000S, U23-ch30, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 57.62
Std Dev 16.66
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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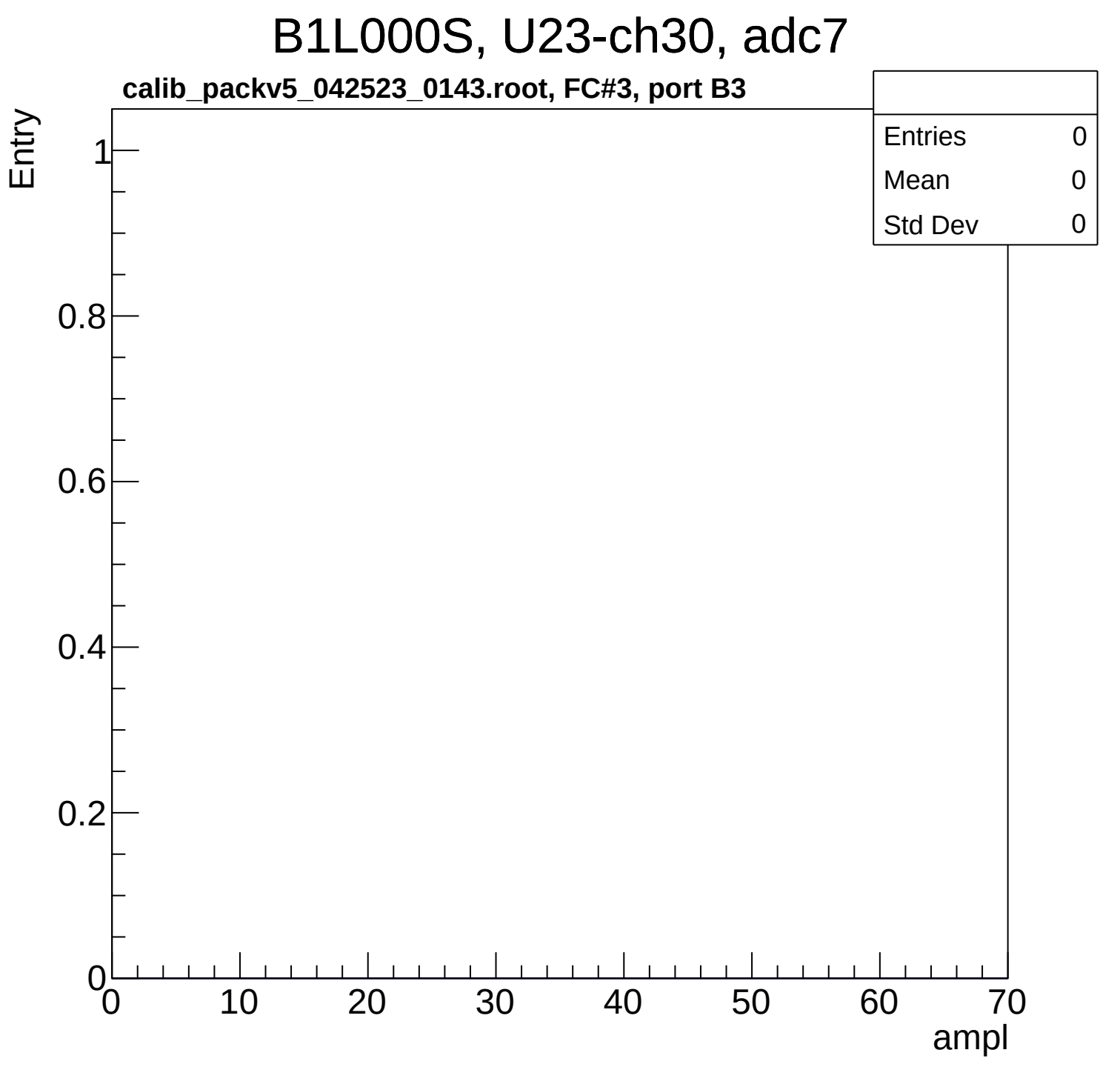
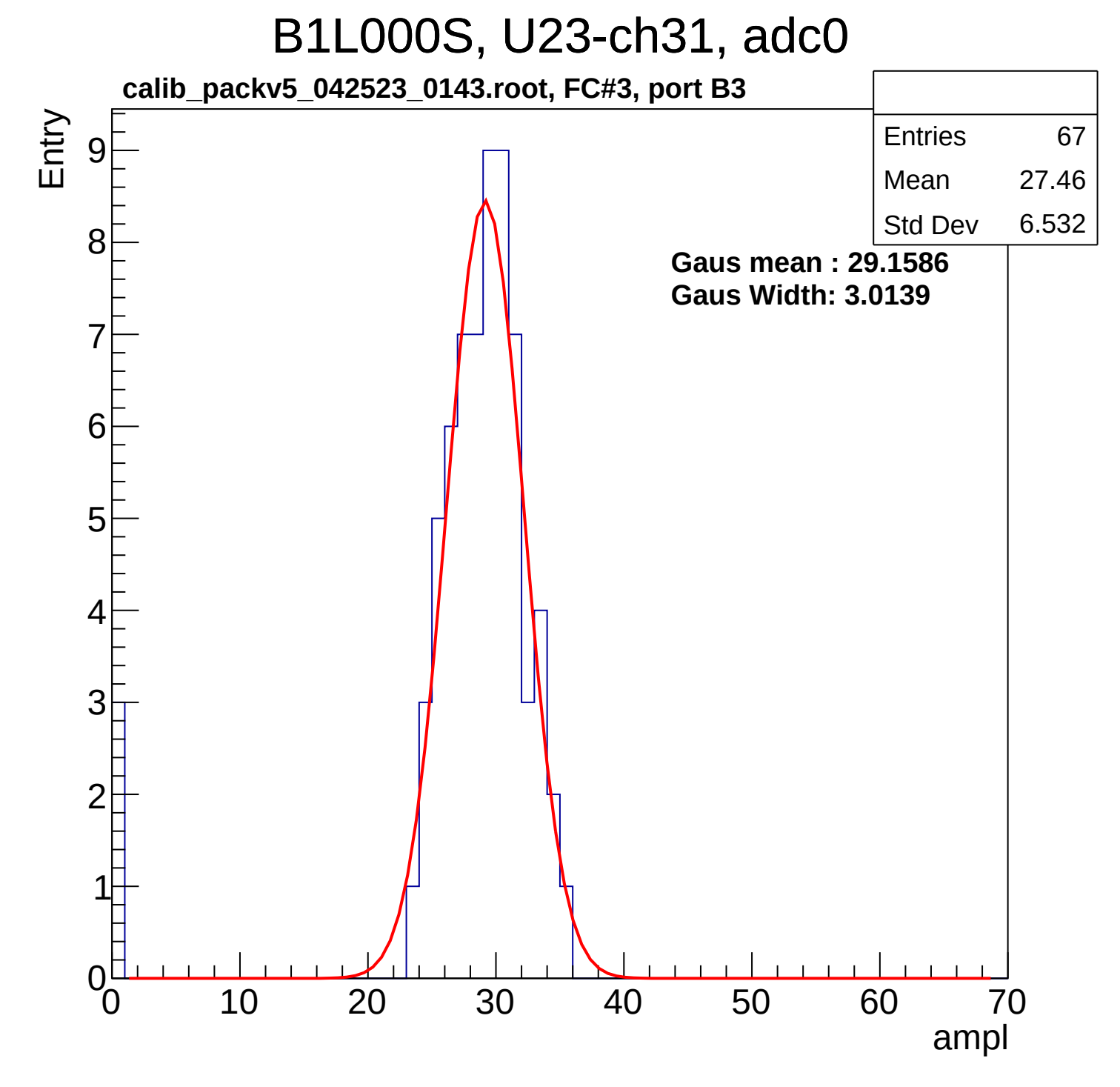
60
70


B1L000S, U23-ch30, 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, U23-ch31, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 27.46
Std Dev 6.532
Gaus mean : 29.1586
Gaus Width: 3.0139
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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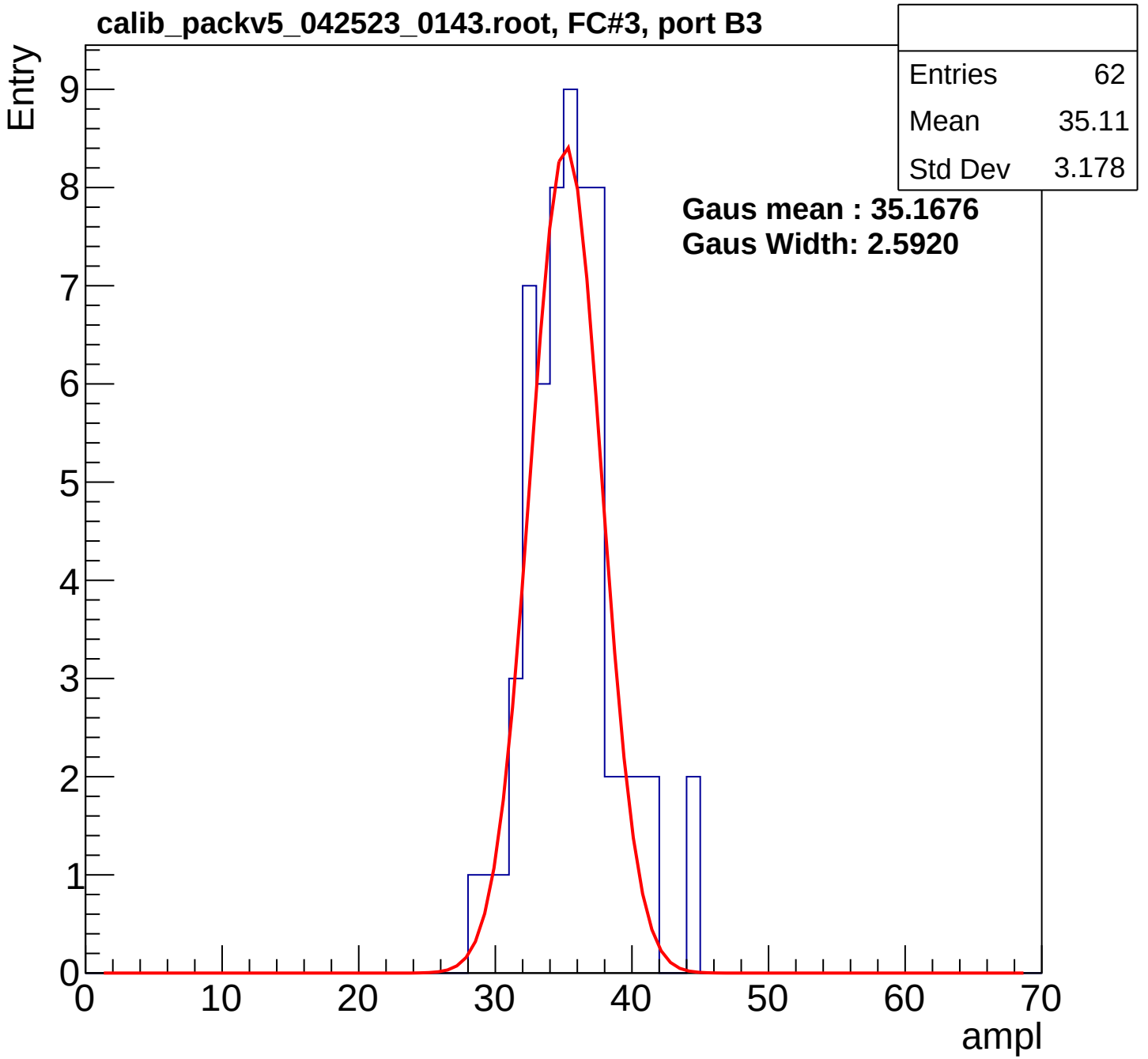
B1L000S, U23-ch31, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.11
Std Dev 3.178
Gaus mean : 35.1676
Gaus Width: 2.5920
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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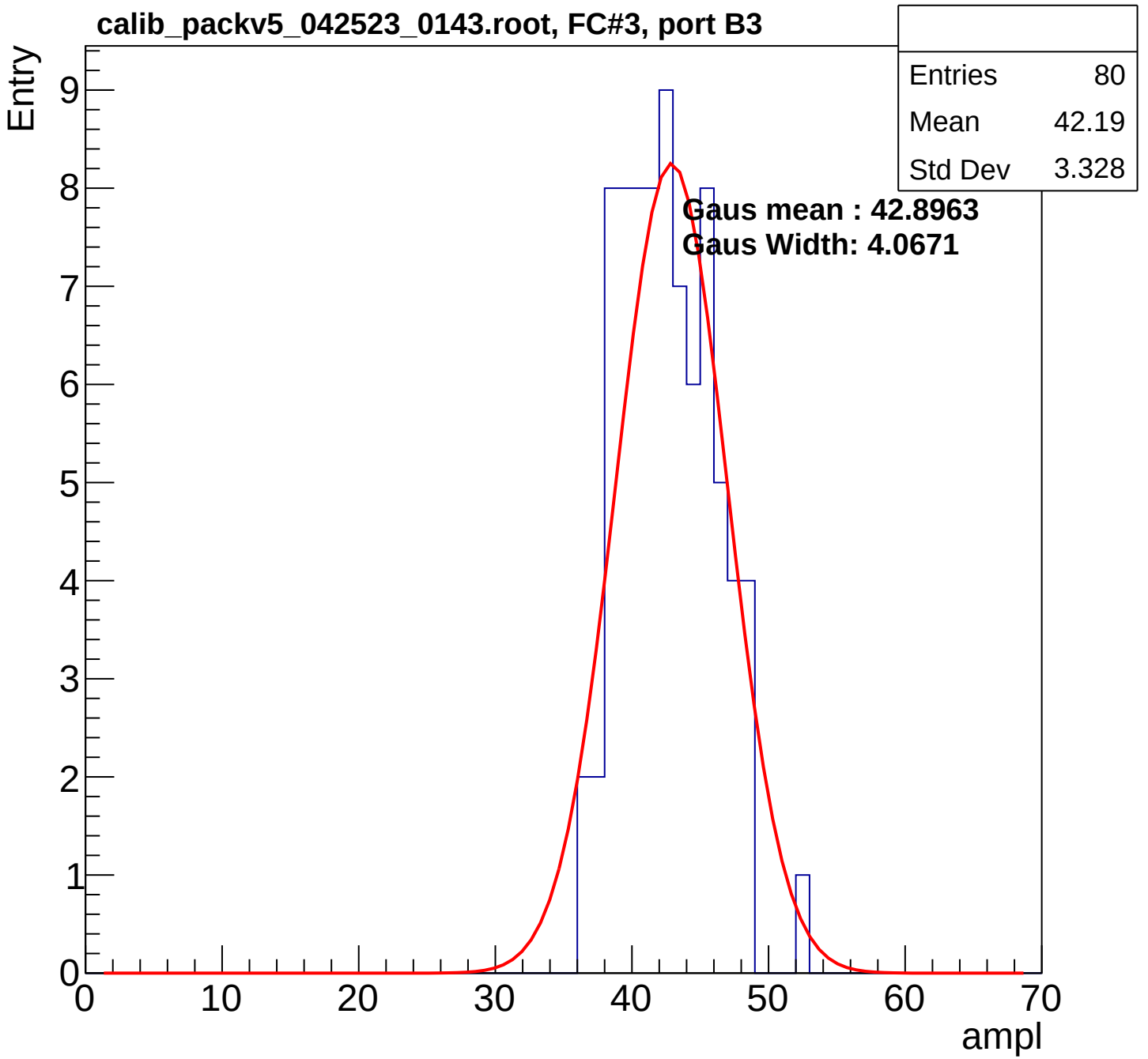
B1L000S, U23-ch31, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 42.19
Std Dev 3.328
Gaus mean : 42.8963
Gaus Width: 4.0671
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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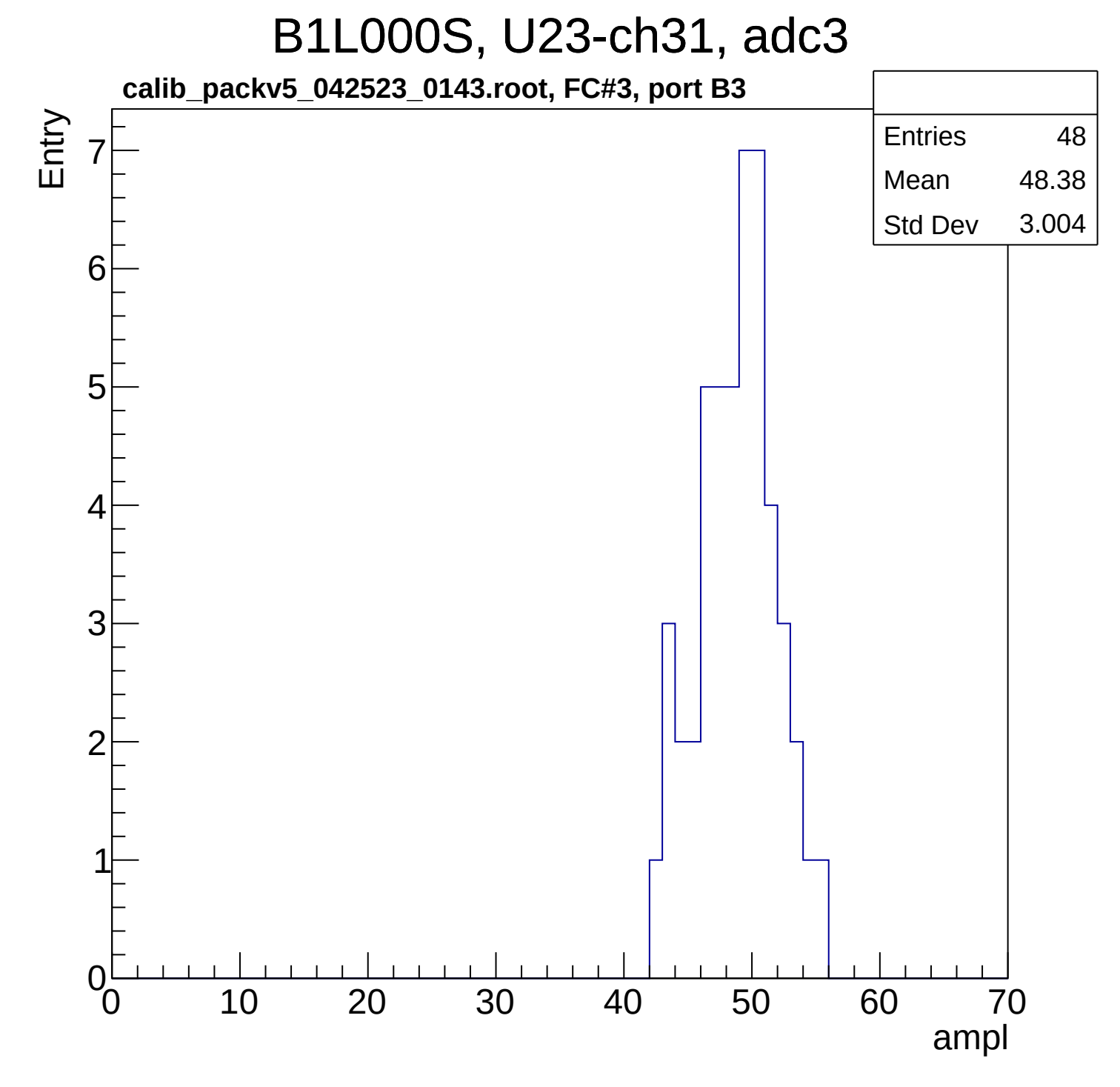
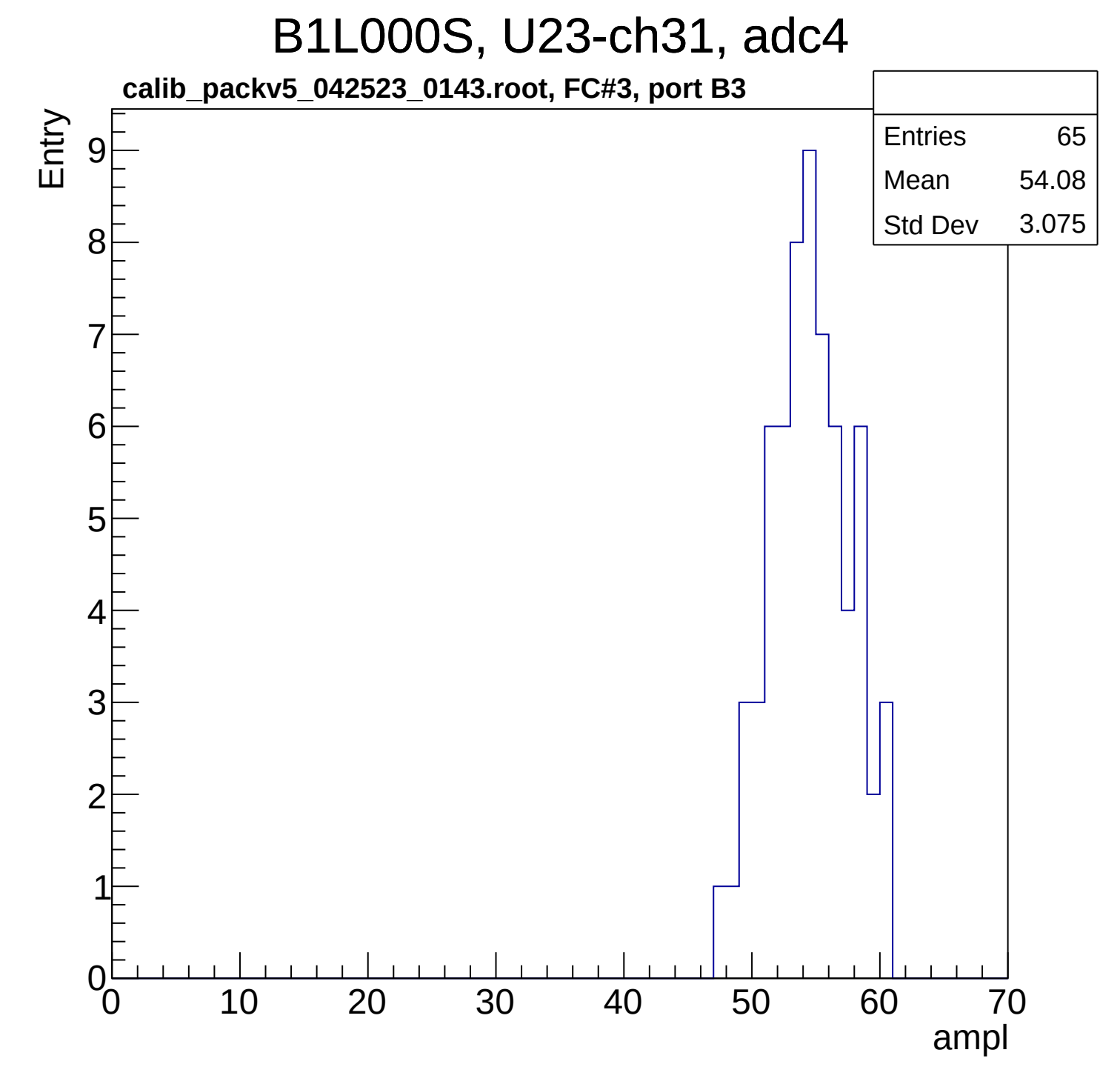

B1L000S, U23-ch31, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 48.38
Std Dev 3.004
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch31, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.08
Std Dev 3.075
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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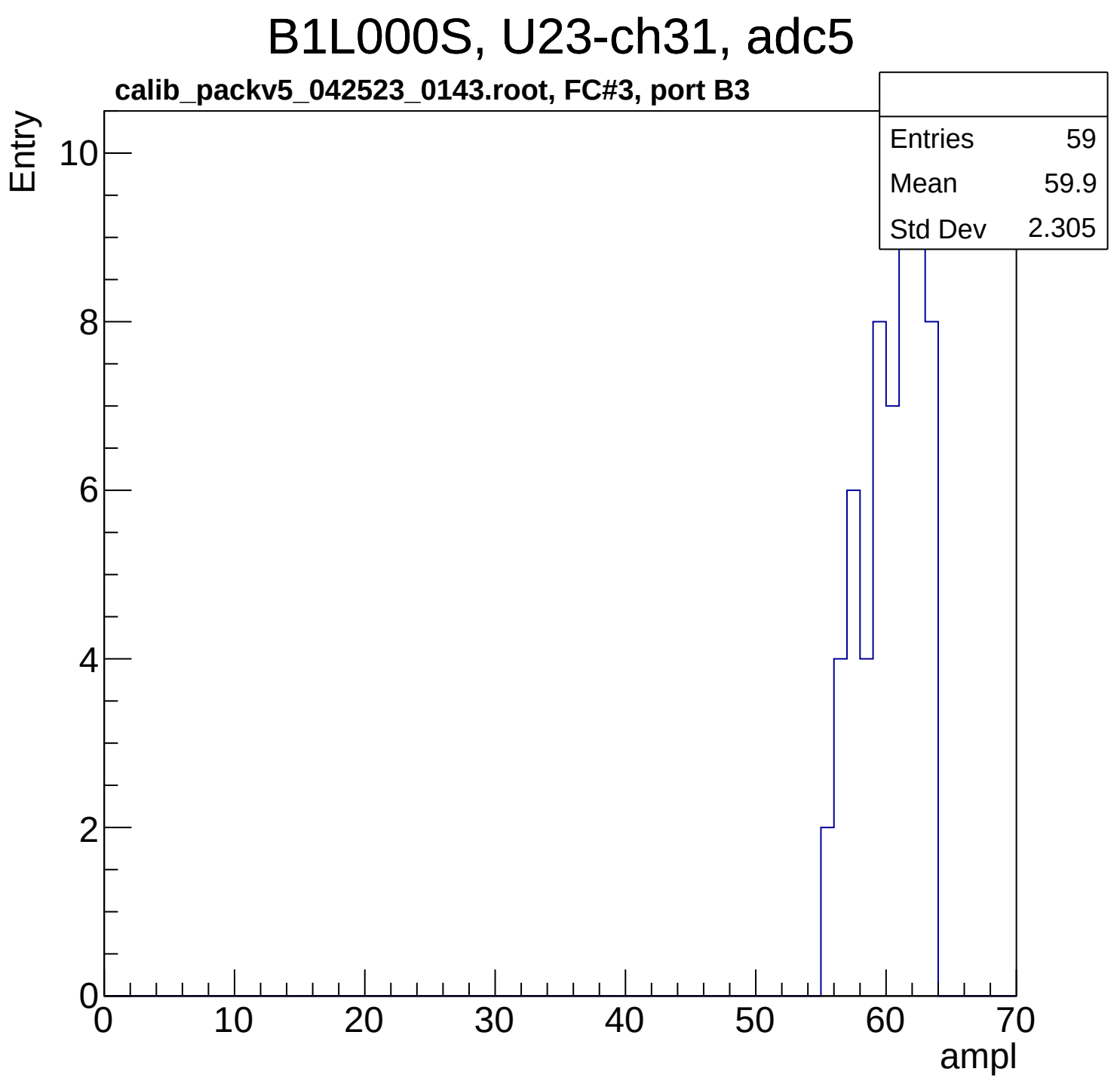
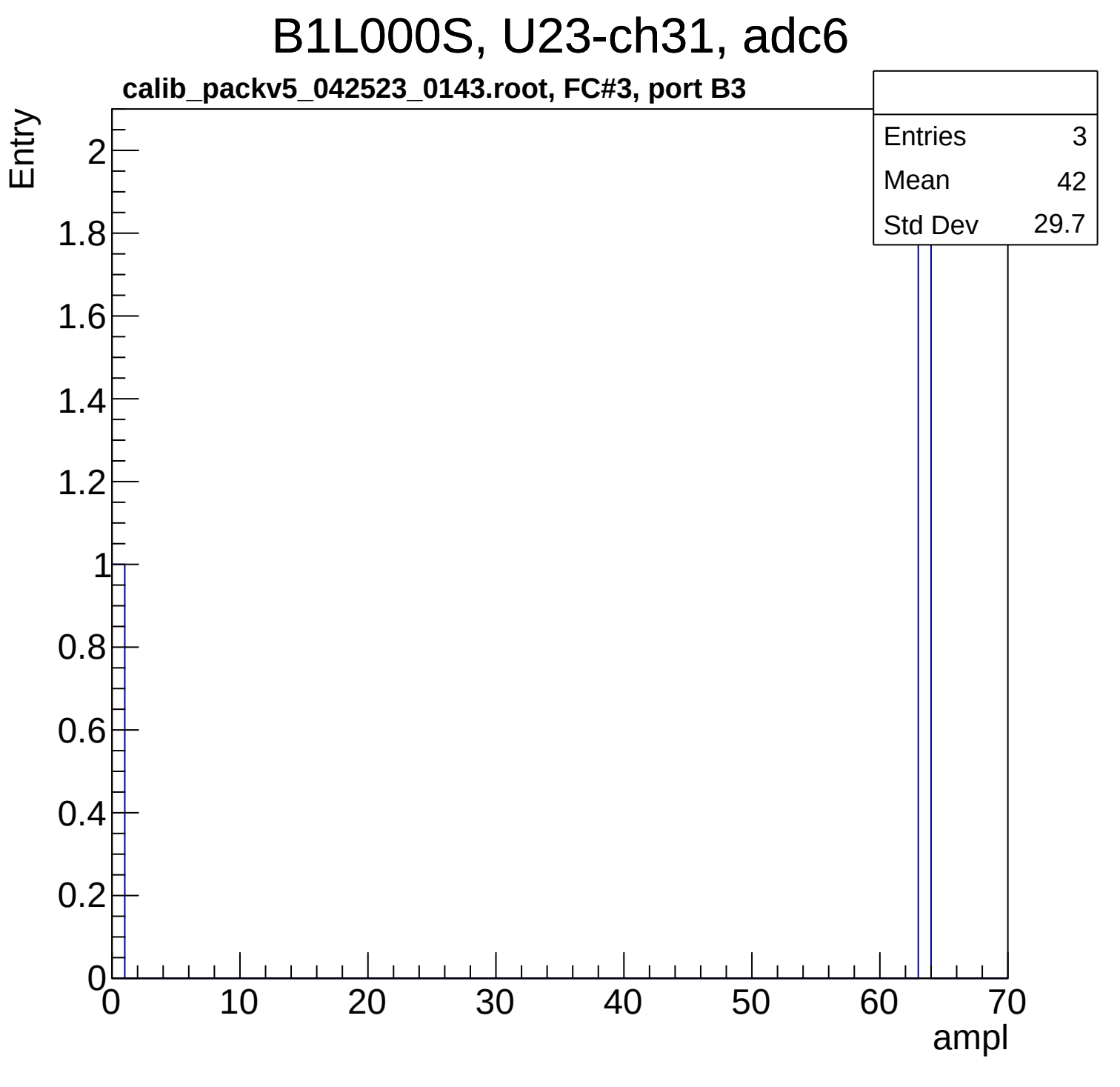
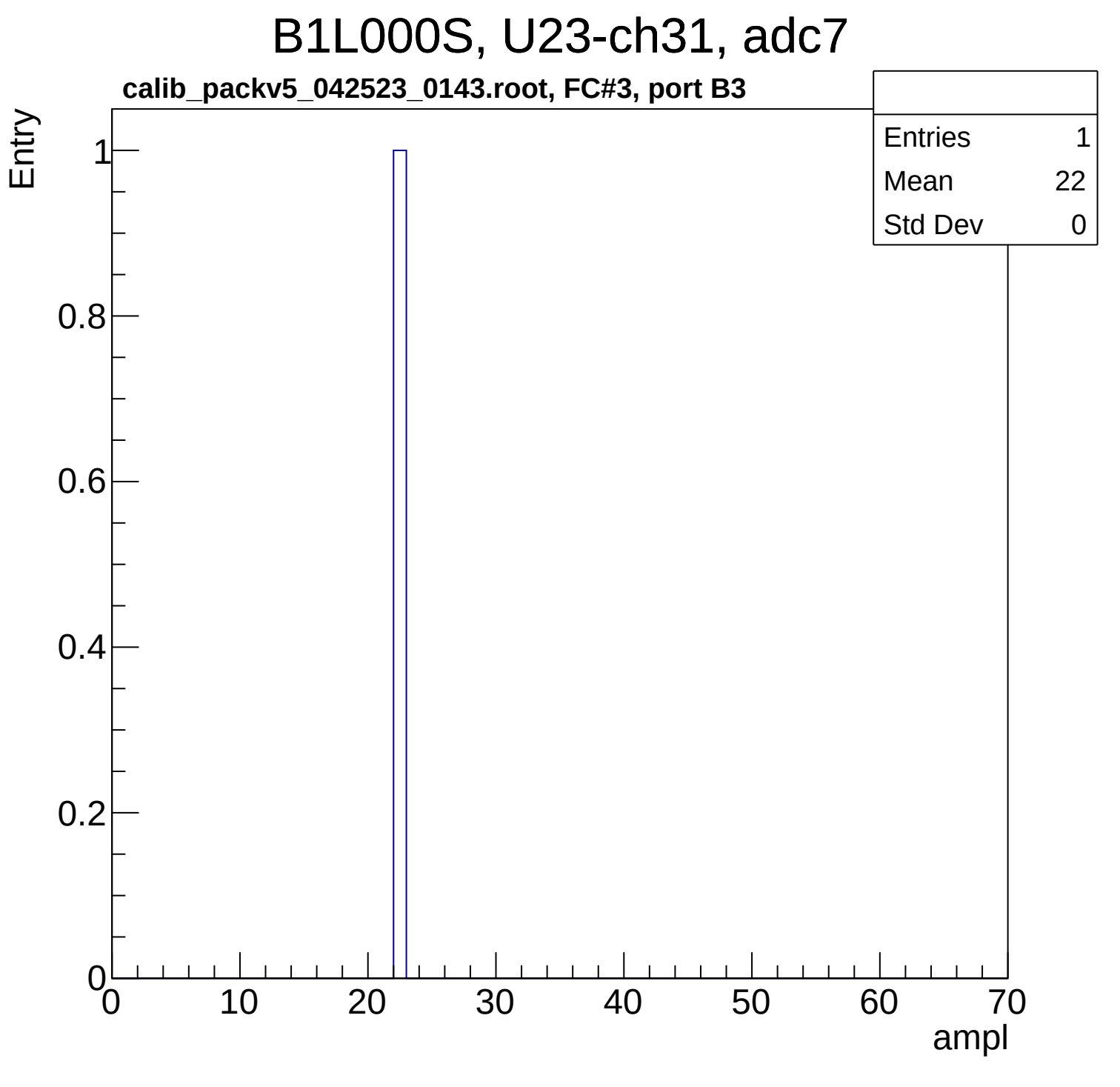

B1L000S, U23-ch31, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 59.9
Std Dev 2.305
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch31, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch31, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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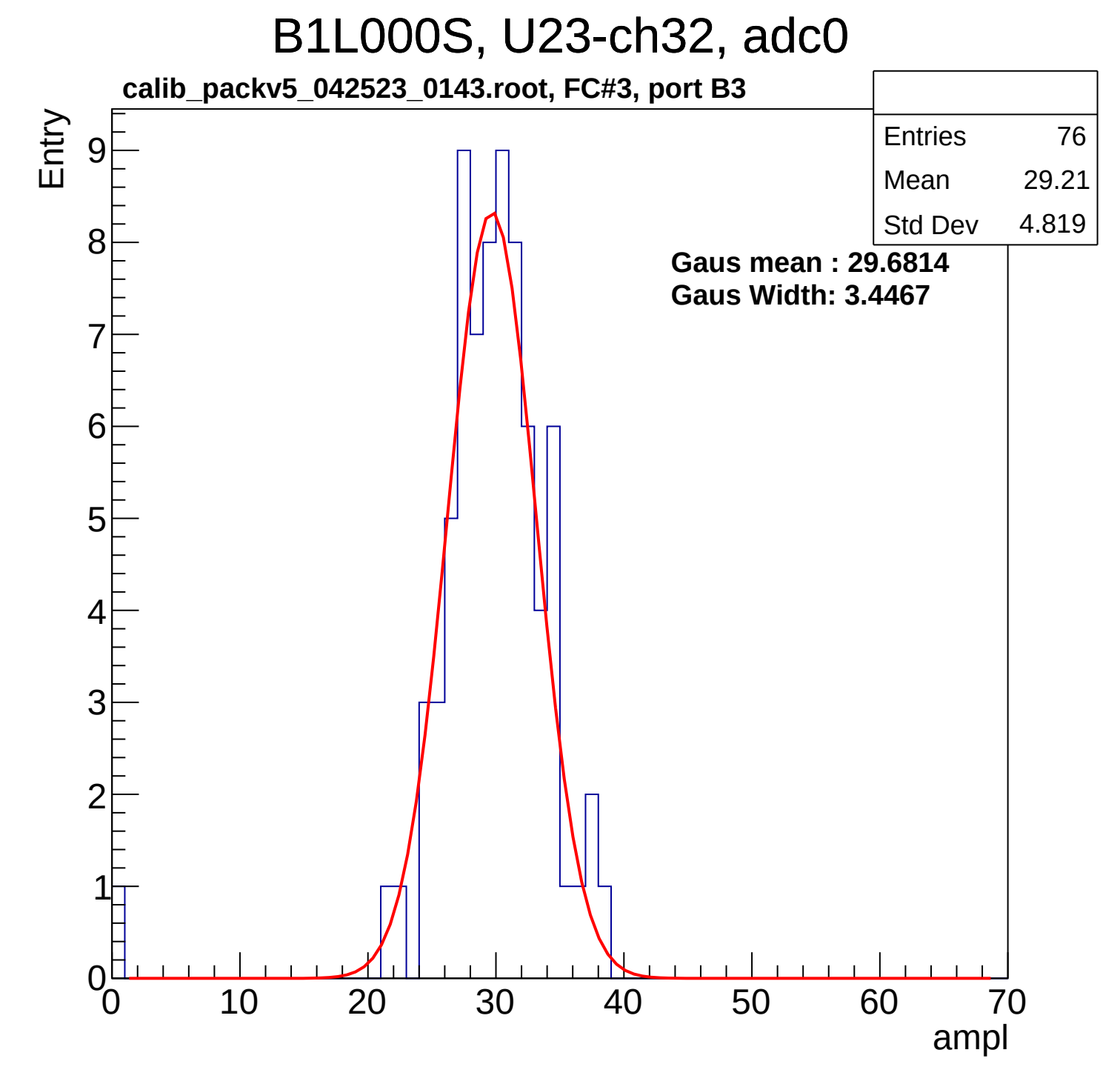
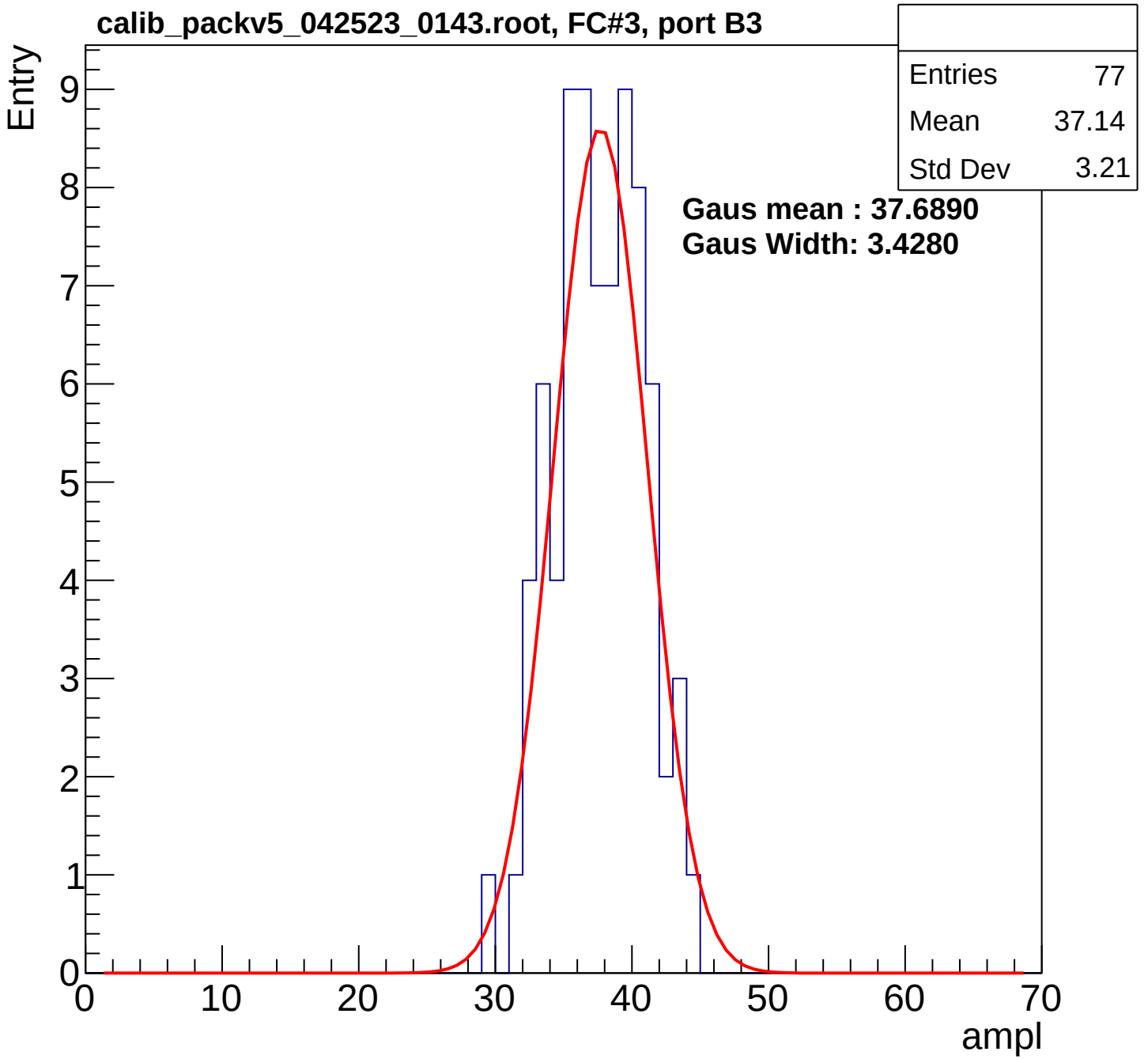
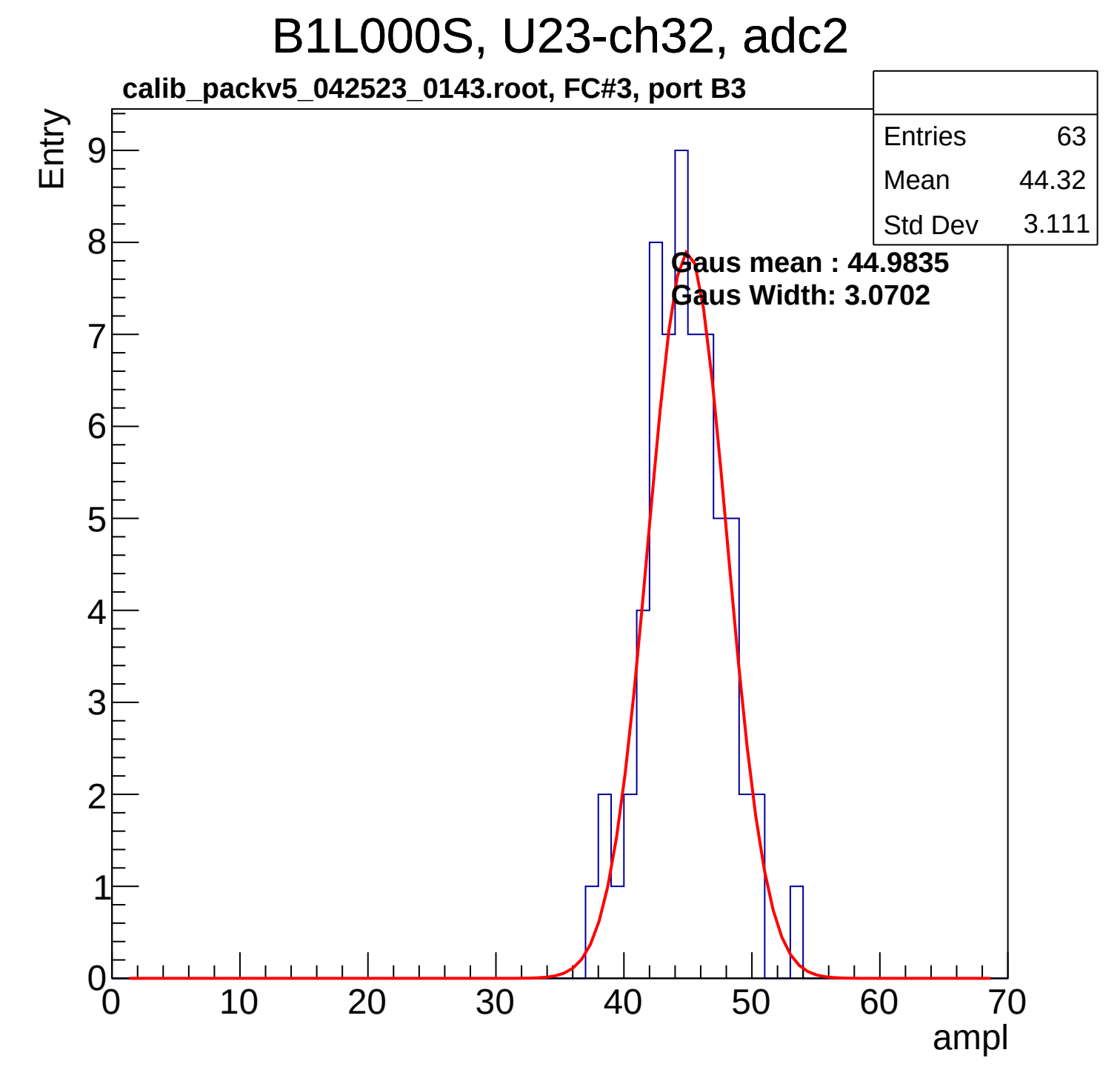
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch32, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 29.21
Std Dev 4.819
Gaus mean : 29.6814
Gaus Width: 3.4467
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch32, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 37.14
Std Dev 3.21
Gaus mean : 37.6890
Gaus Width: 3.4280
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch32, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 44.32
Std Dev 3.111
Gaus mean : 44.9835
Gaus Width: 3.0702
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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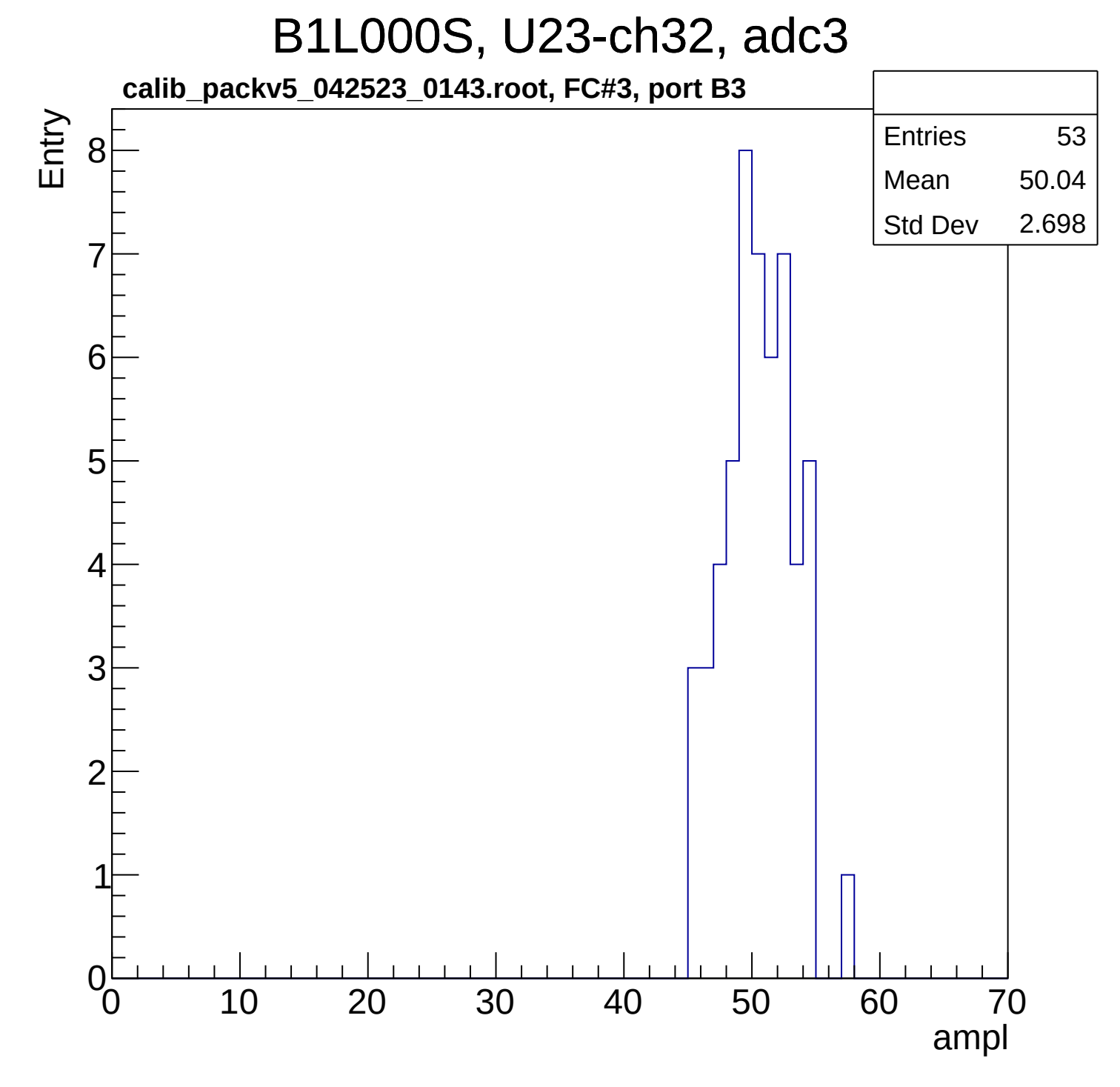
B1L000S, U23-ch32, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 50.04
Std Dev 2.698
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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60
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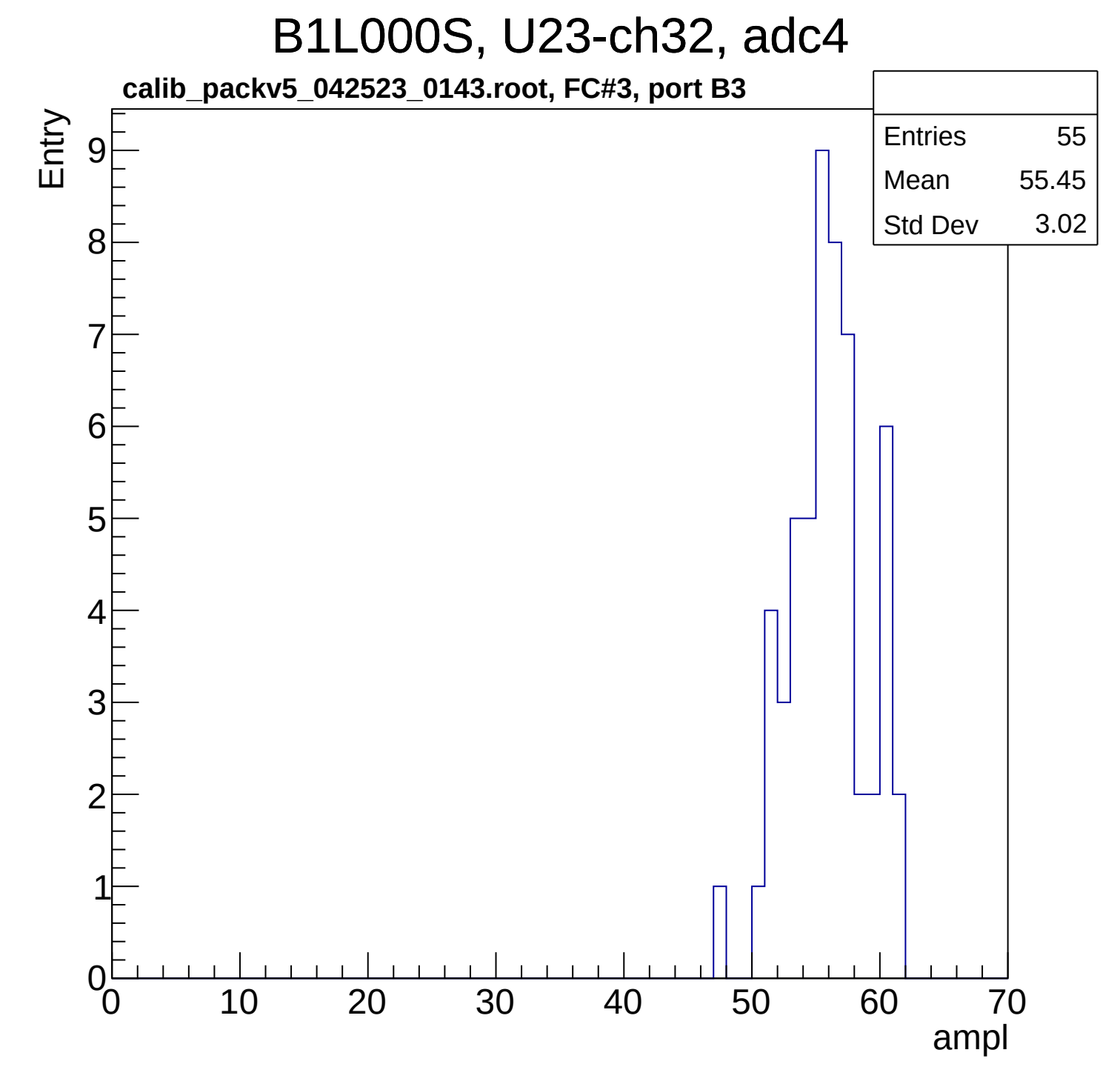
B1L000S, U23-ch32, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 55.45
Std Dev 3.02
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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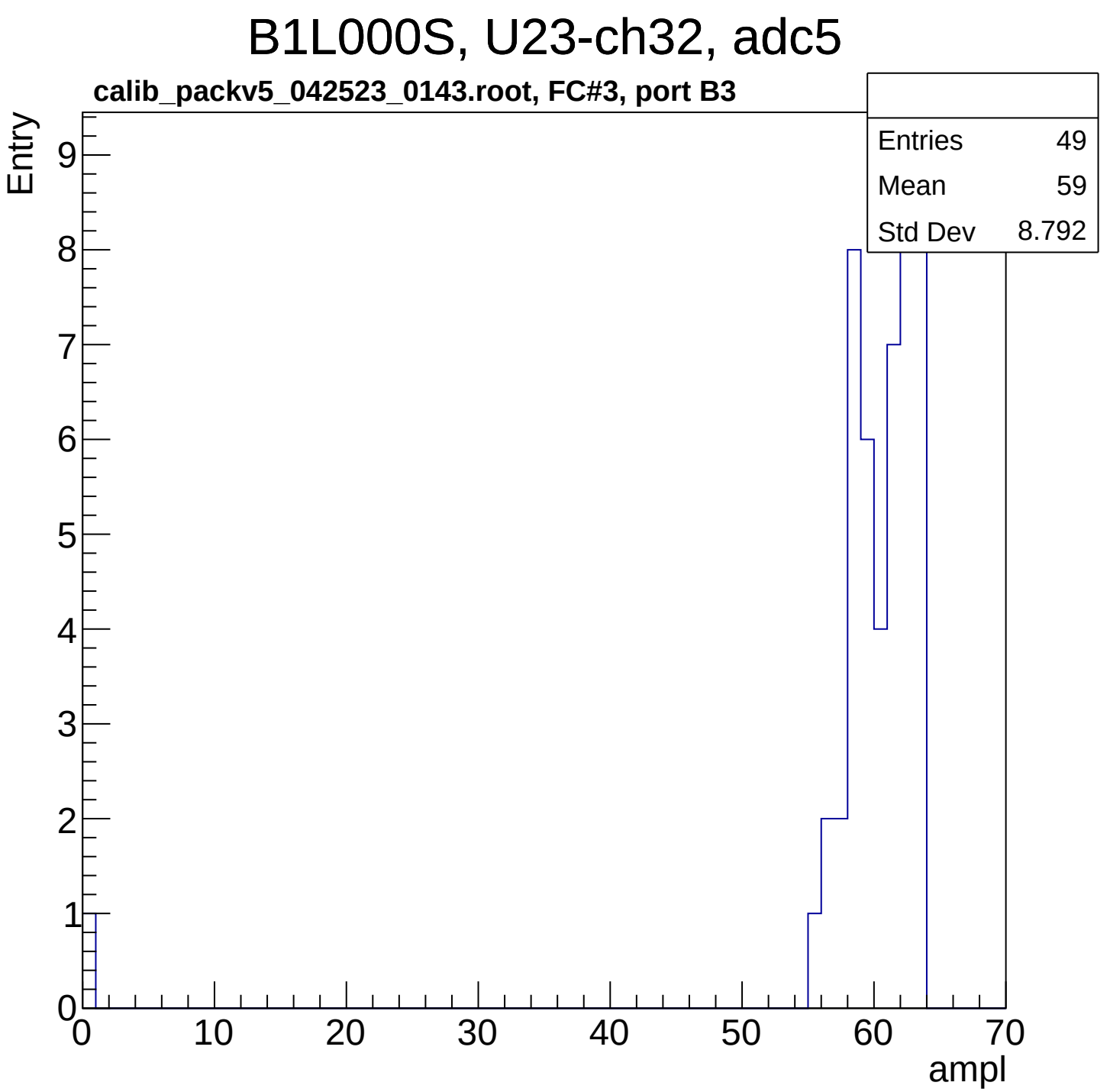
B1L000S, U23-ch32, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59
Std Dev 8.792
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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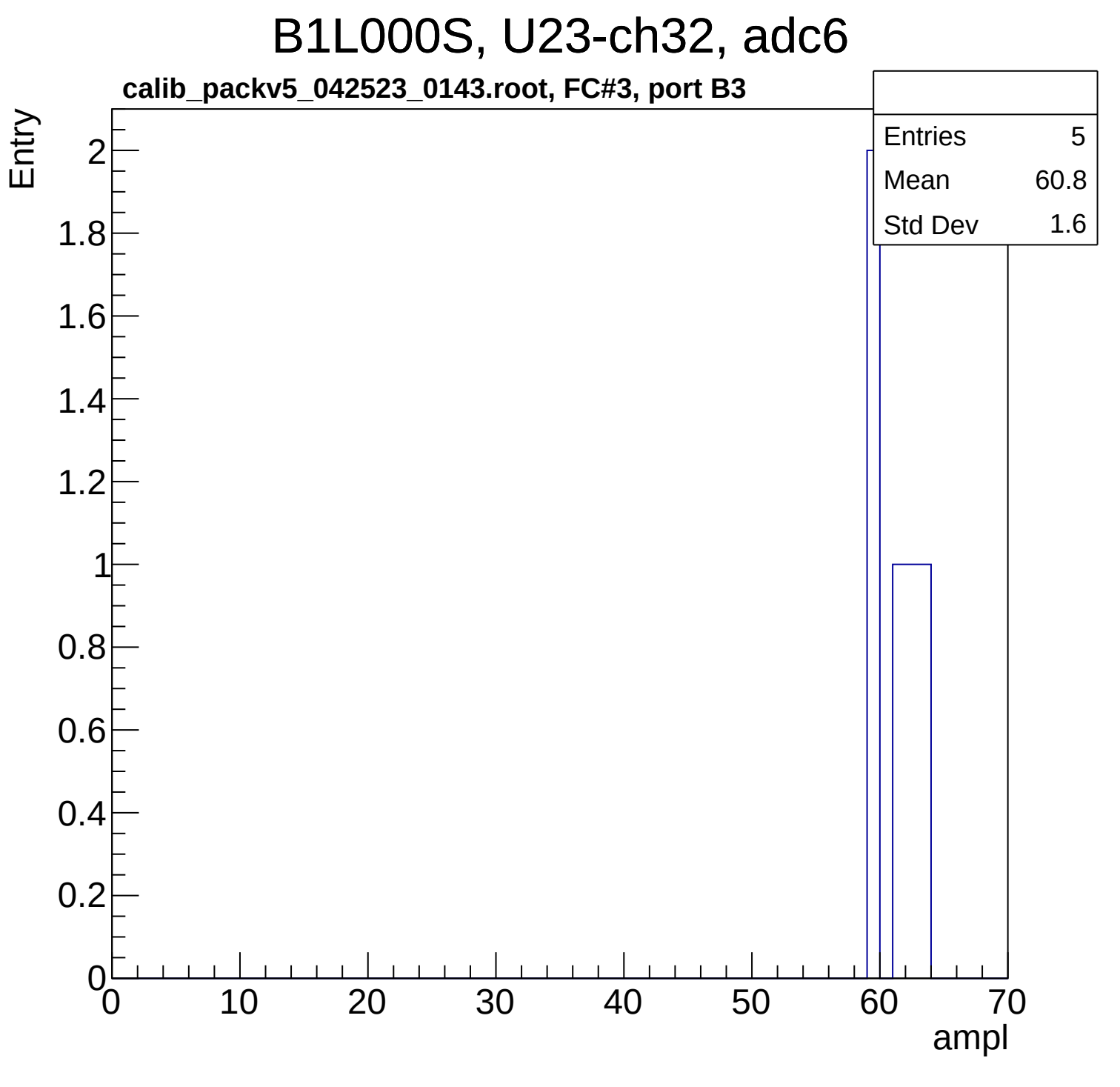
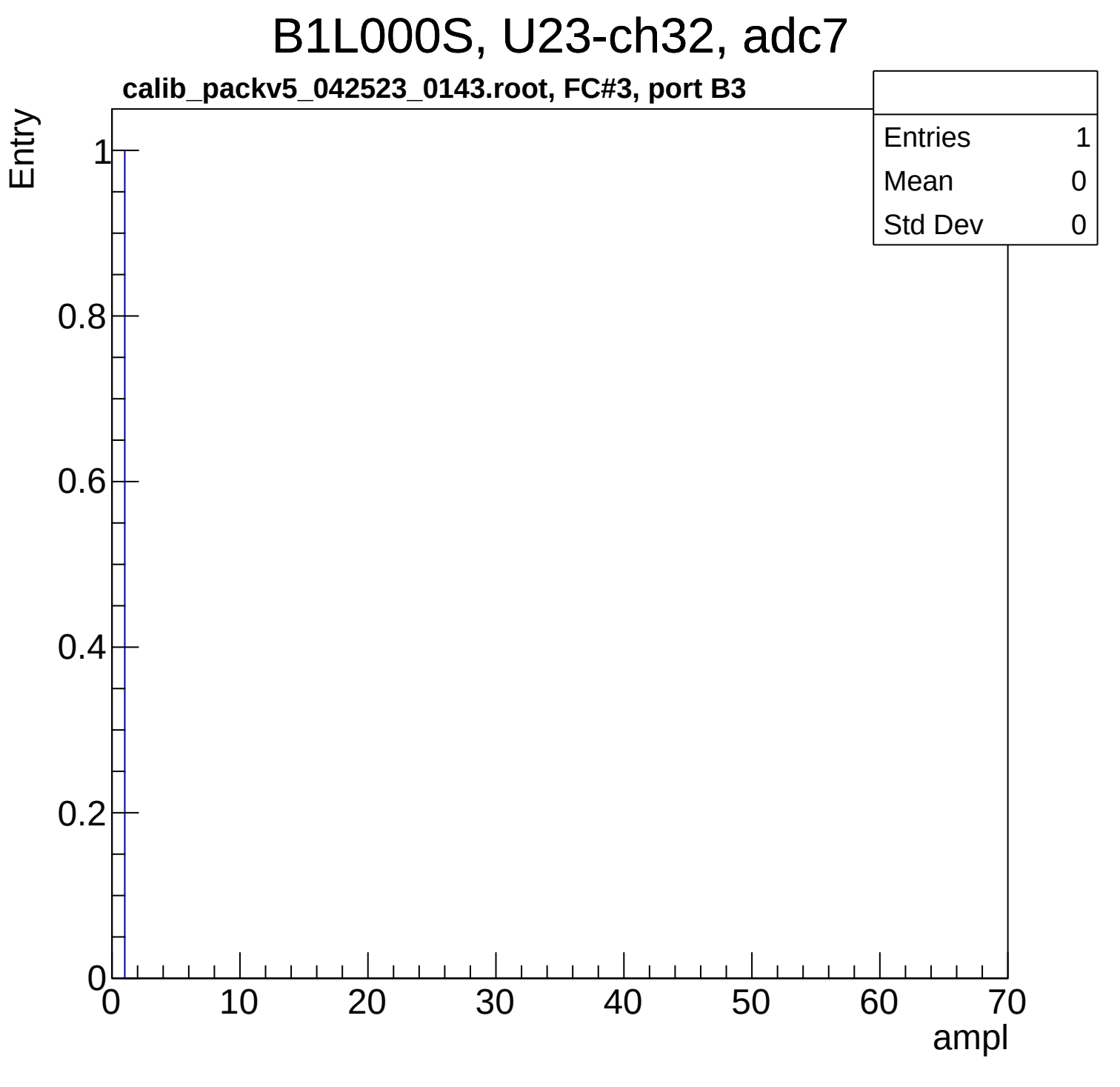

B1L000S, U23-ch32, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 60.8
Std Dev 1.6
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch32, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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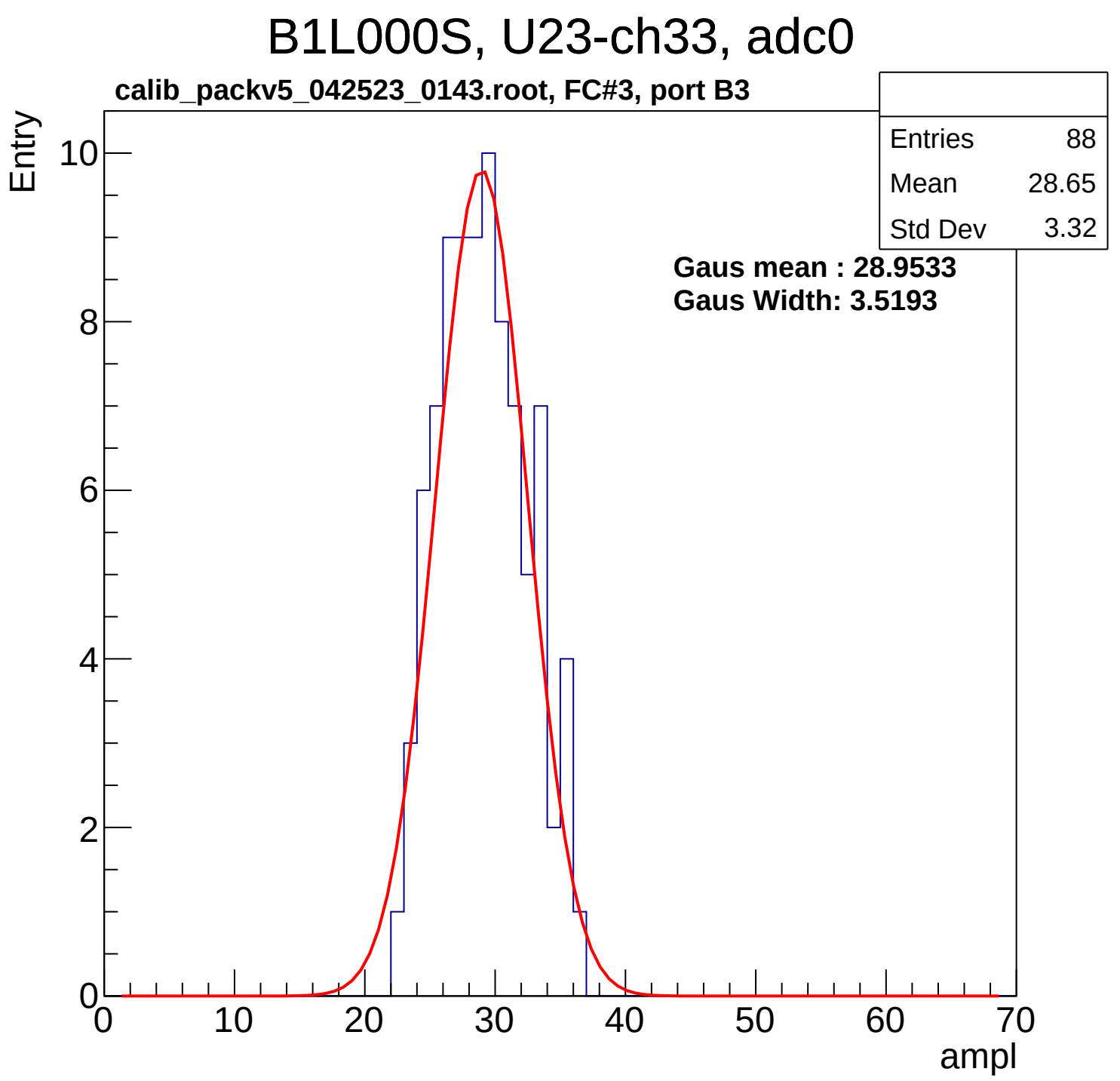
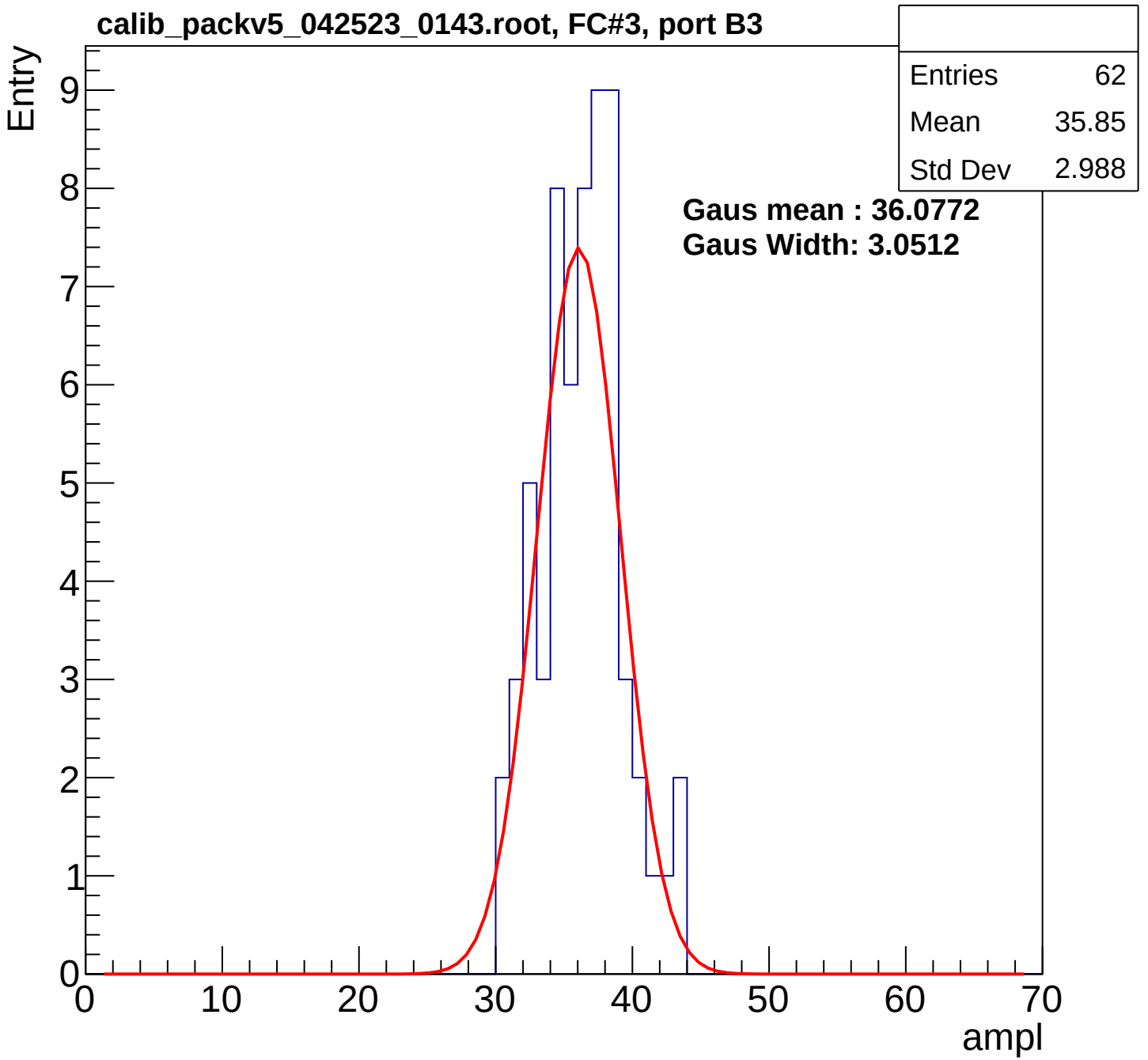
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch33, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 88
Mean 28.65
Std Dev 3.32
Gaus mean : 28.9533
Gaus Width: 3.5193
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch33, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.85
Std Dev 2.988
Gaus mean : 36.0772
Gaus Width: 3.0512
Entry
ampl
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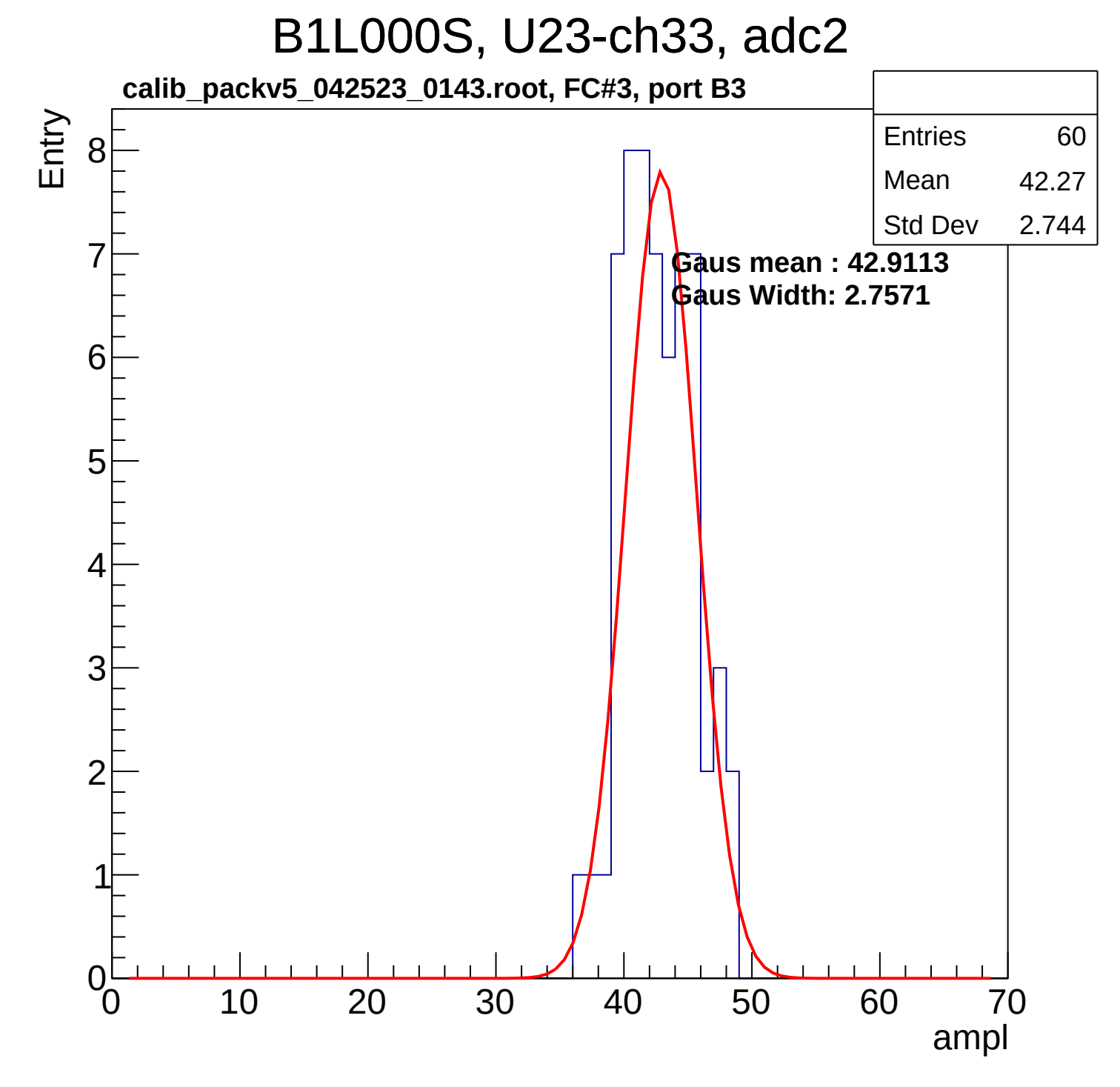
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch33, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 42.27
Std Dev 2.744
Gaus mean : 42.9113
Gaus Width: 2.7571
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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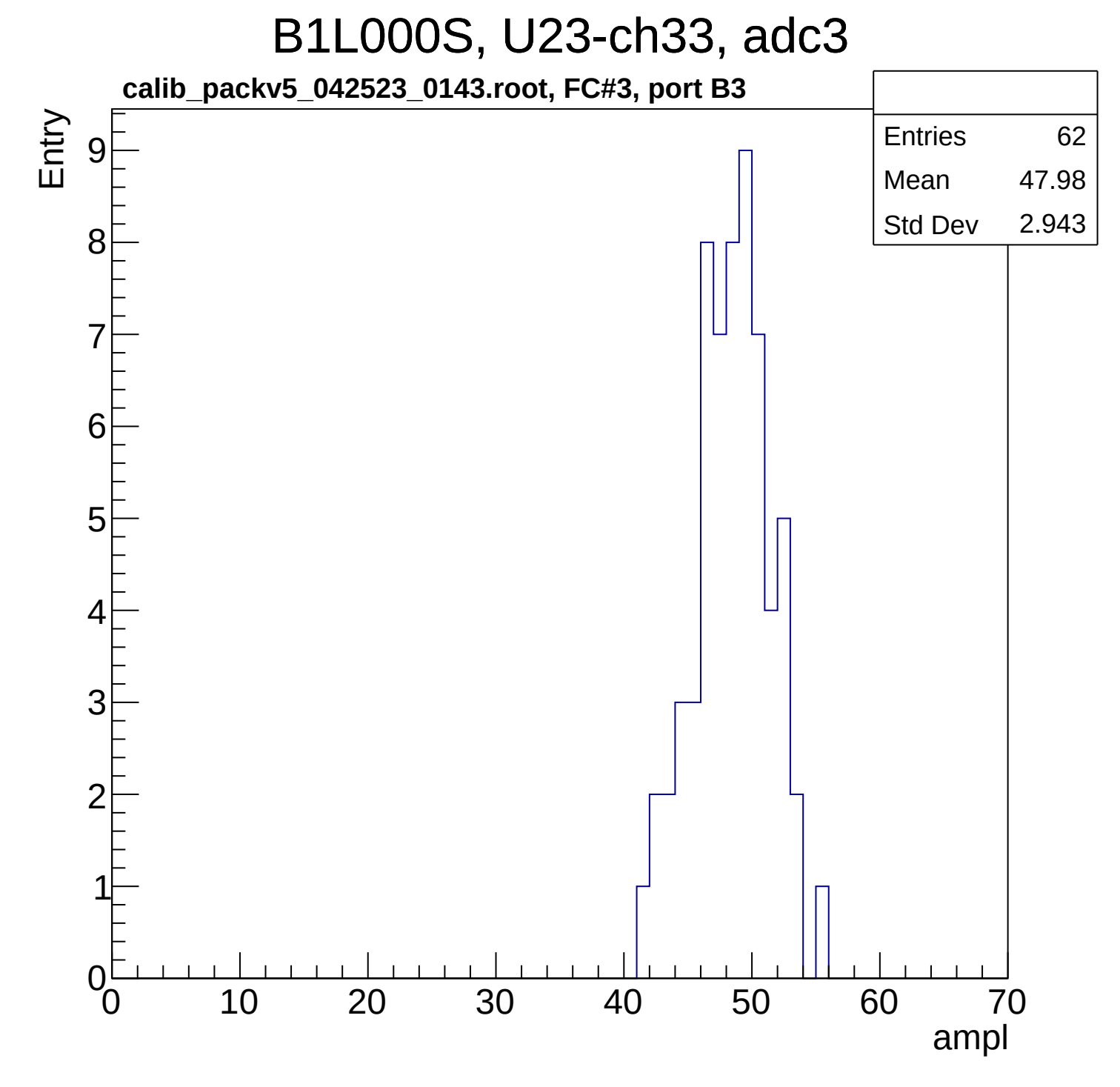
B1L000S, U23-ch33, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 47.98
Std Dev 2.943
Entry
ampl
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7
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0
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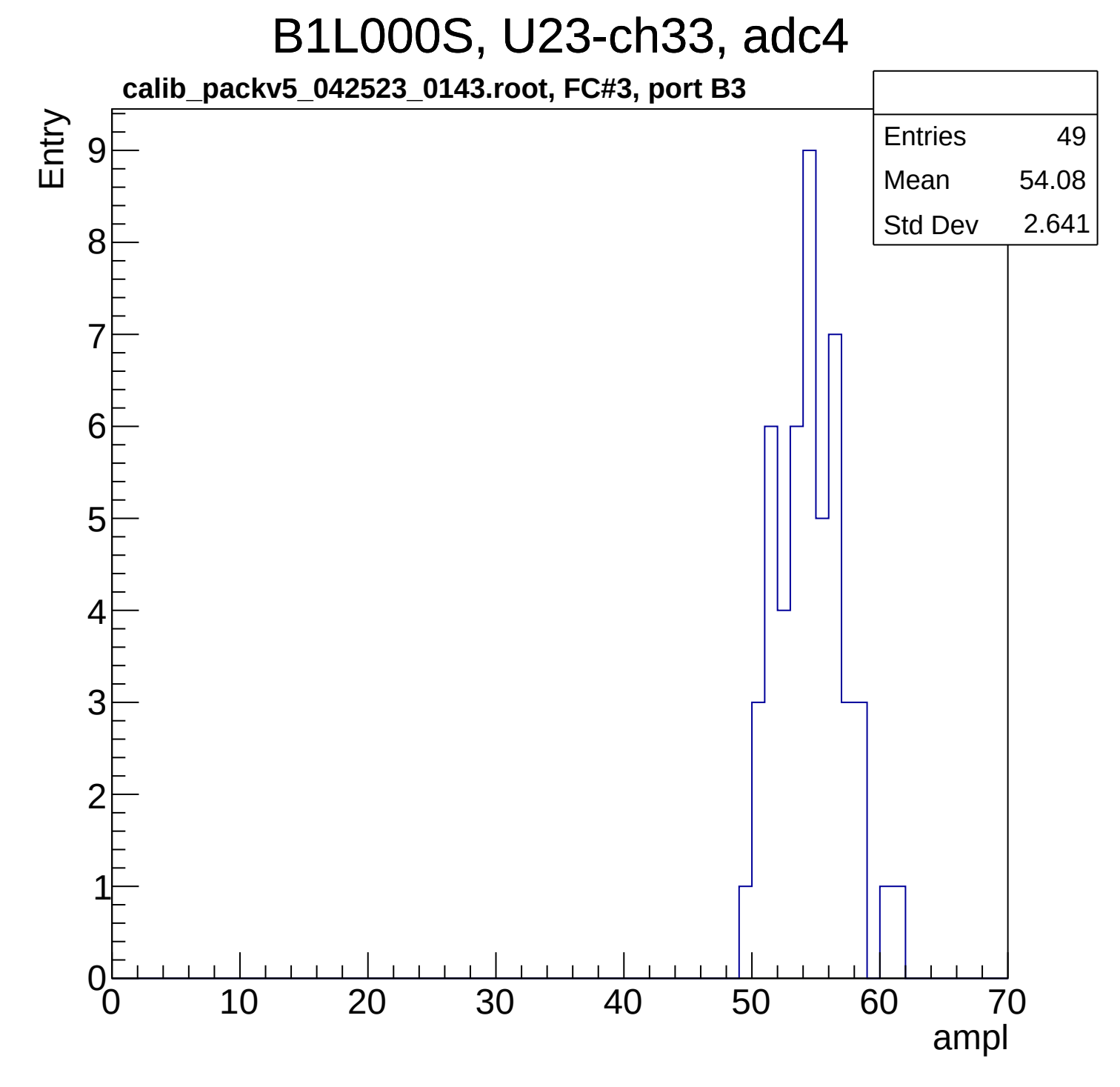
B1L000S, U23-ch33, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.08
Std Dev 2.641
Entry
ampl
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3
4
5
6
7
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0
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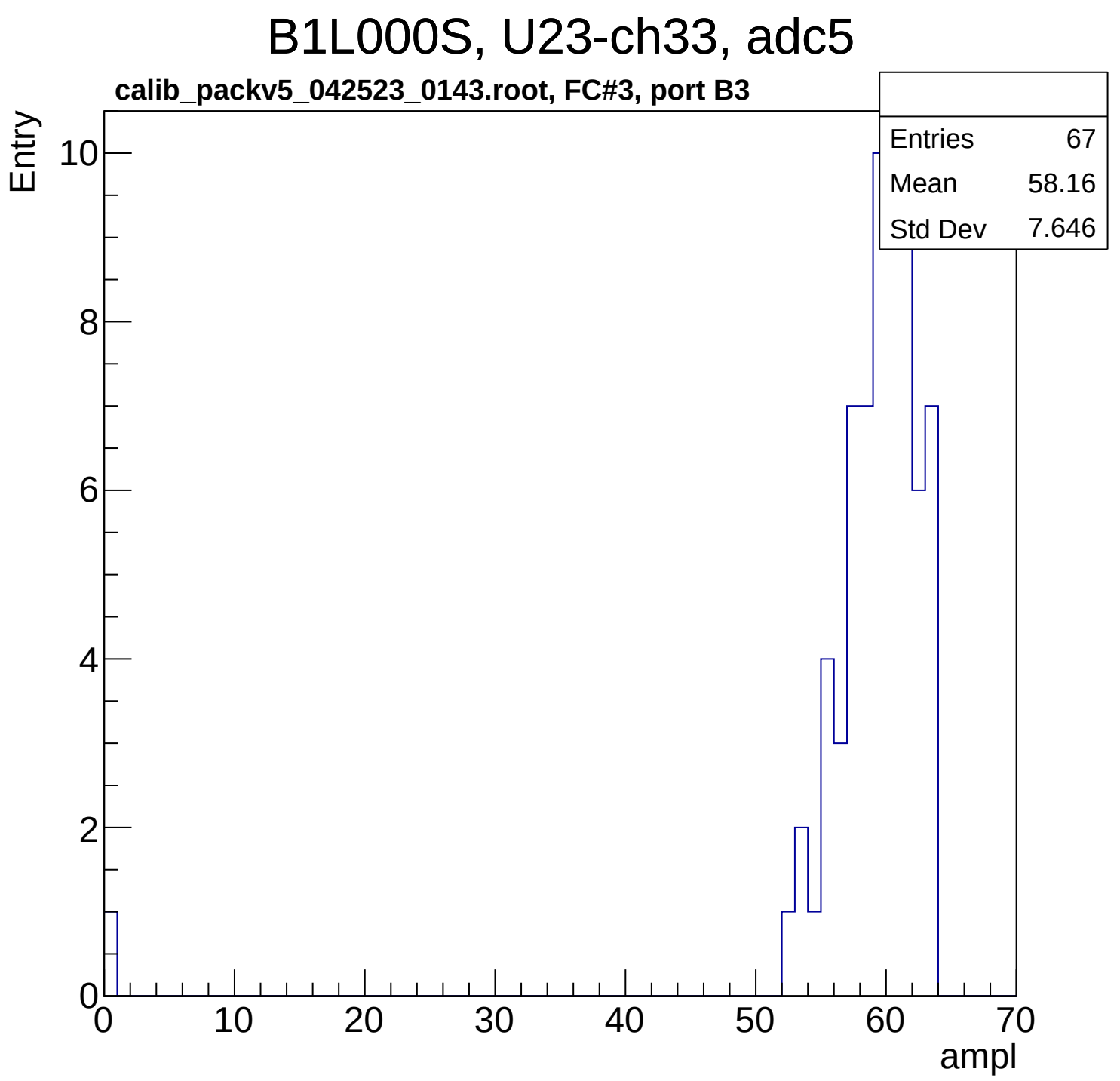
B1L000S, U23-ch33, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 58.16
Std Dev 7.646
Entry
ampl
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60
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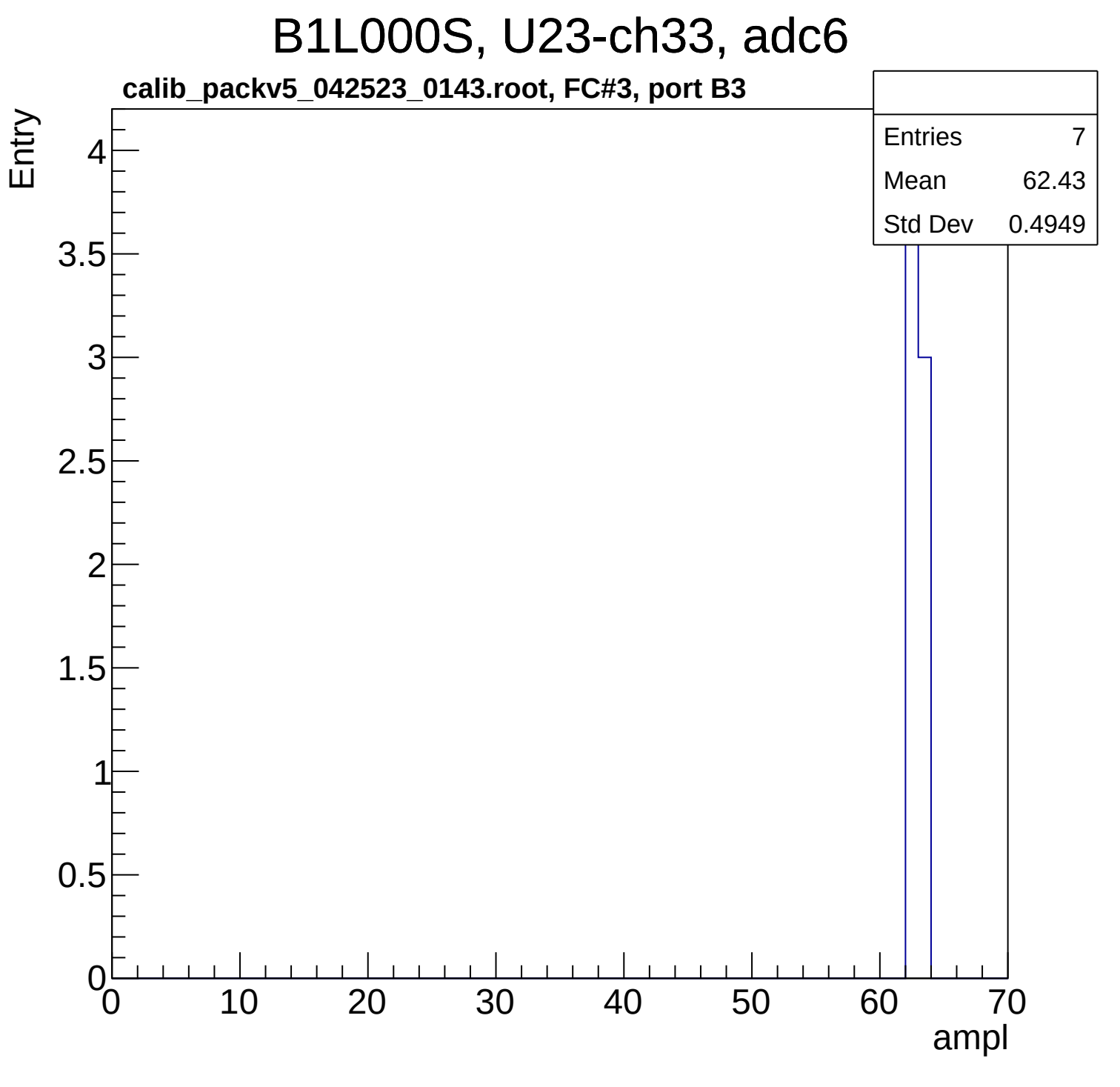
B1L000S, U23-ch33, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 62.43
Std Dev 0.4949
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
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60
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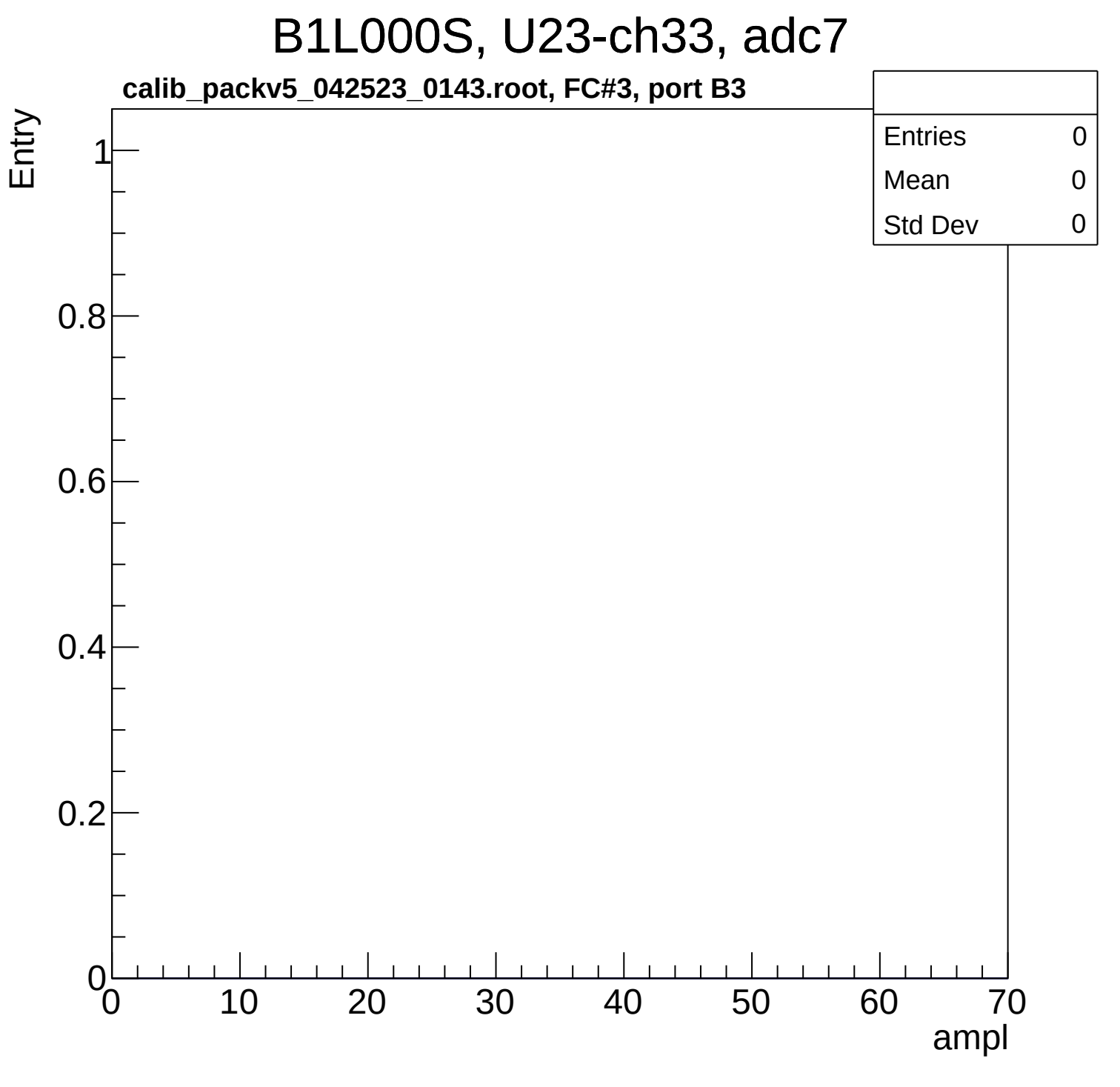
B1L000S, U23-ch33, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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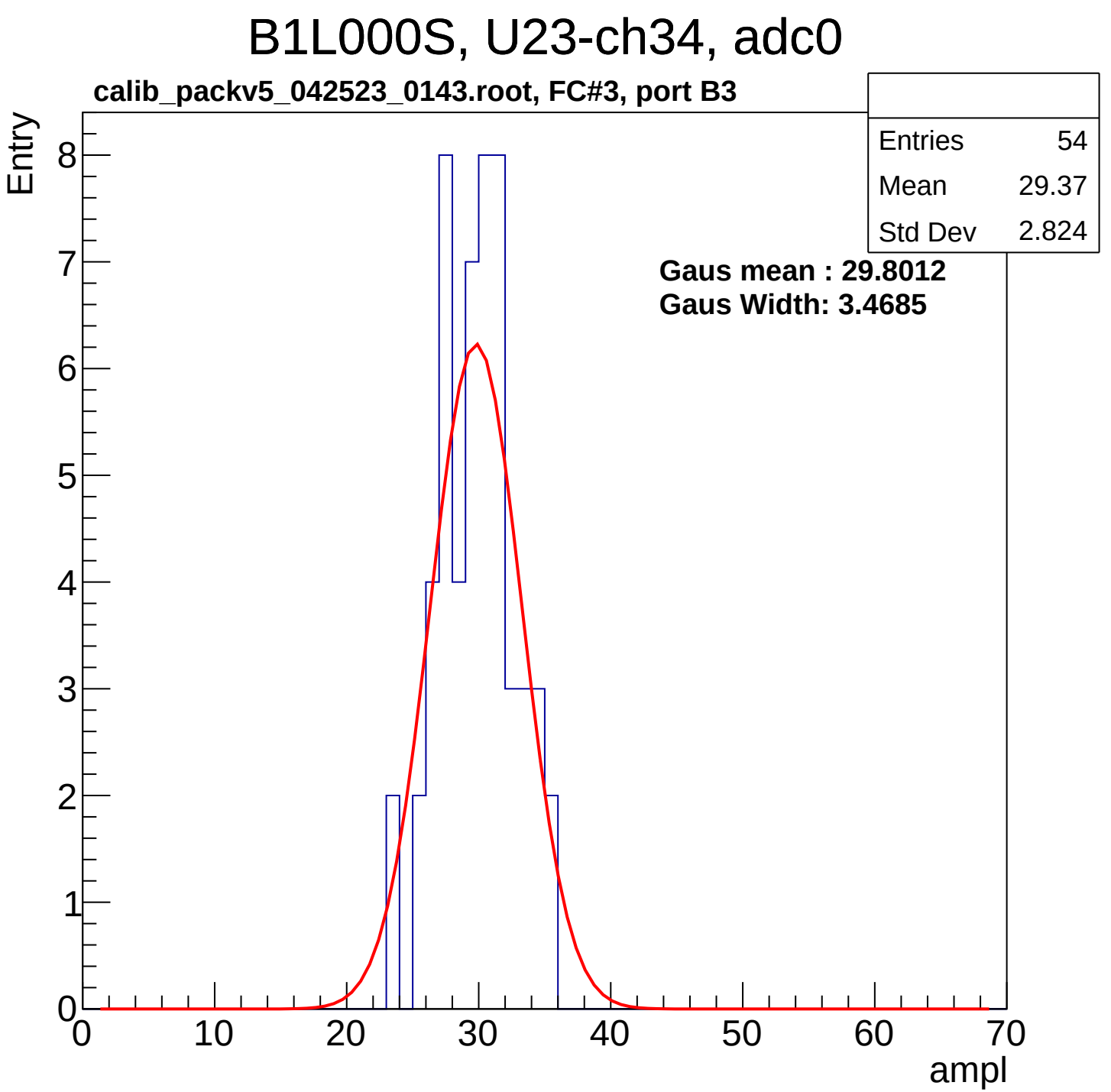
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch34, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 29.37
Std Dev 2.824
Gaus mean : 29.8012
Gaus Width: 3.4685
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
50
60
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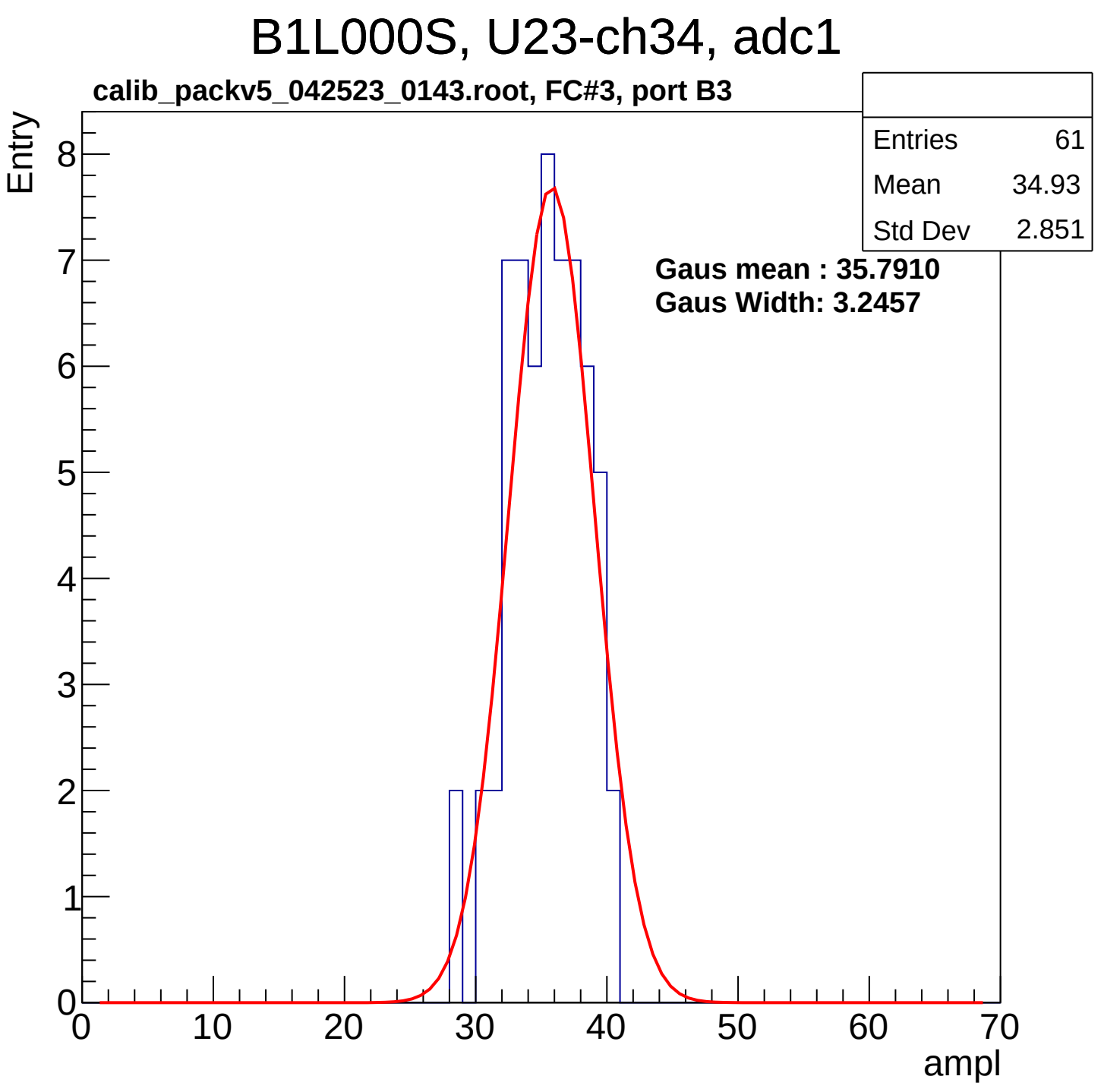
B1L000S, U23-ch34, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 34.93
Std Dev 2.851
Gaus mean : 35.7910
Gaus Width: 3.2457
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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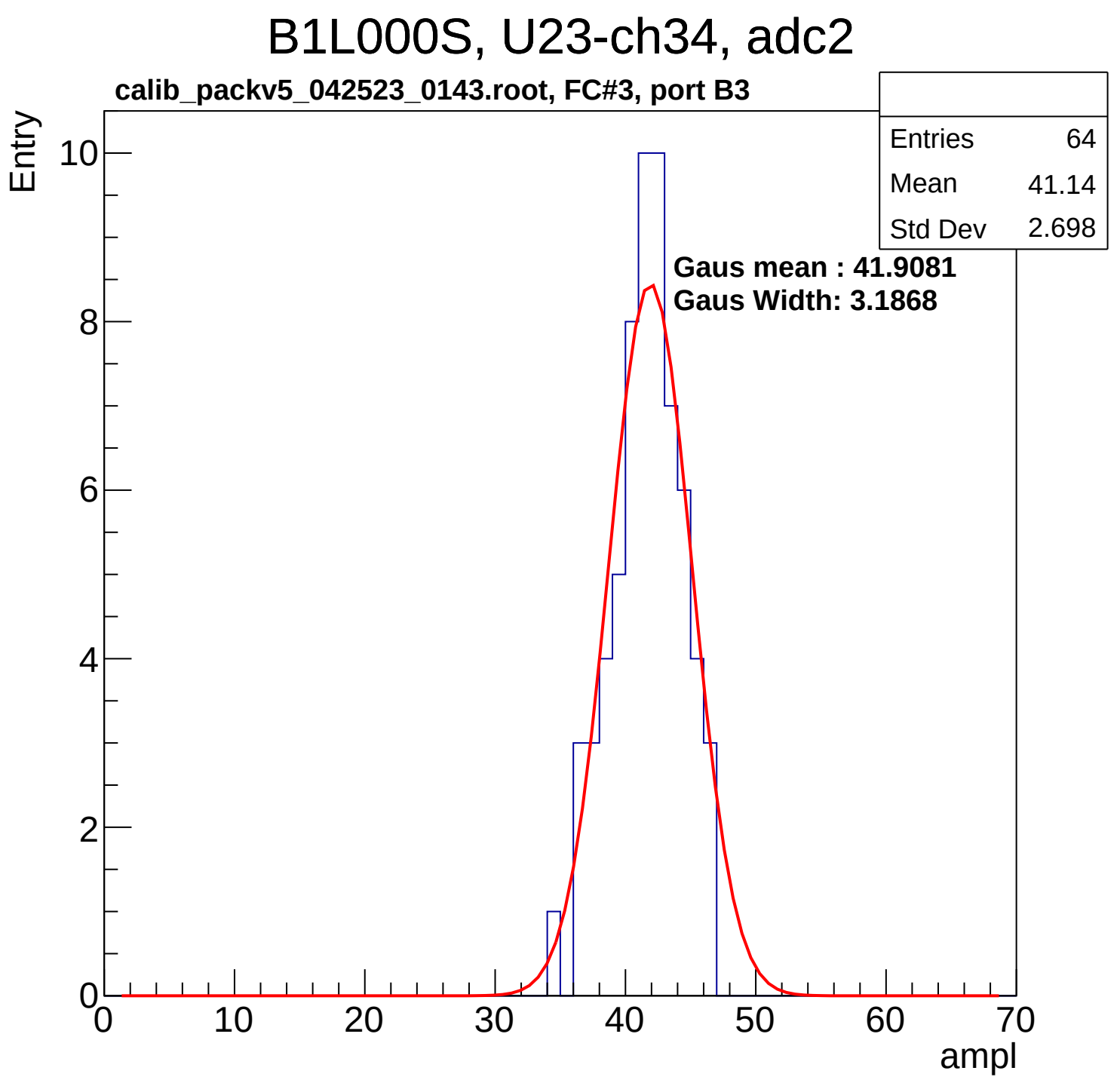
B1L000S, U23-ch34, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.14
Std Dev 2.698
Gaus mean : 41.9081
Gaus Width: 3.1868
Entry
ampl
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4
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10
0
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60
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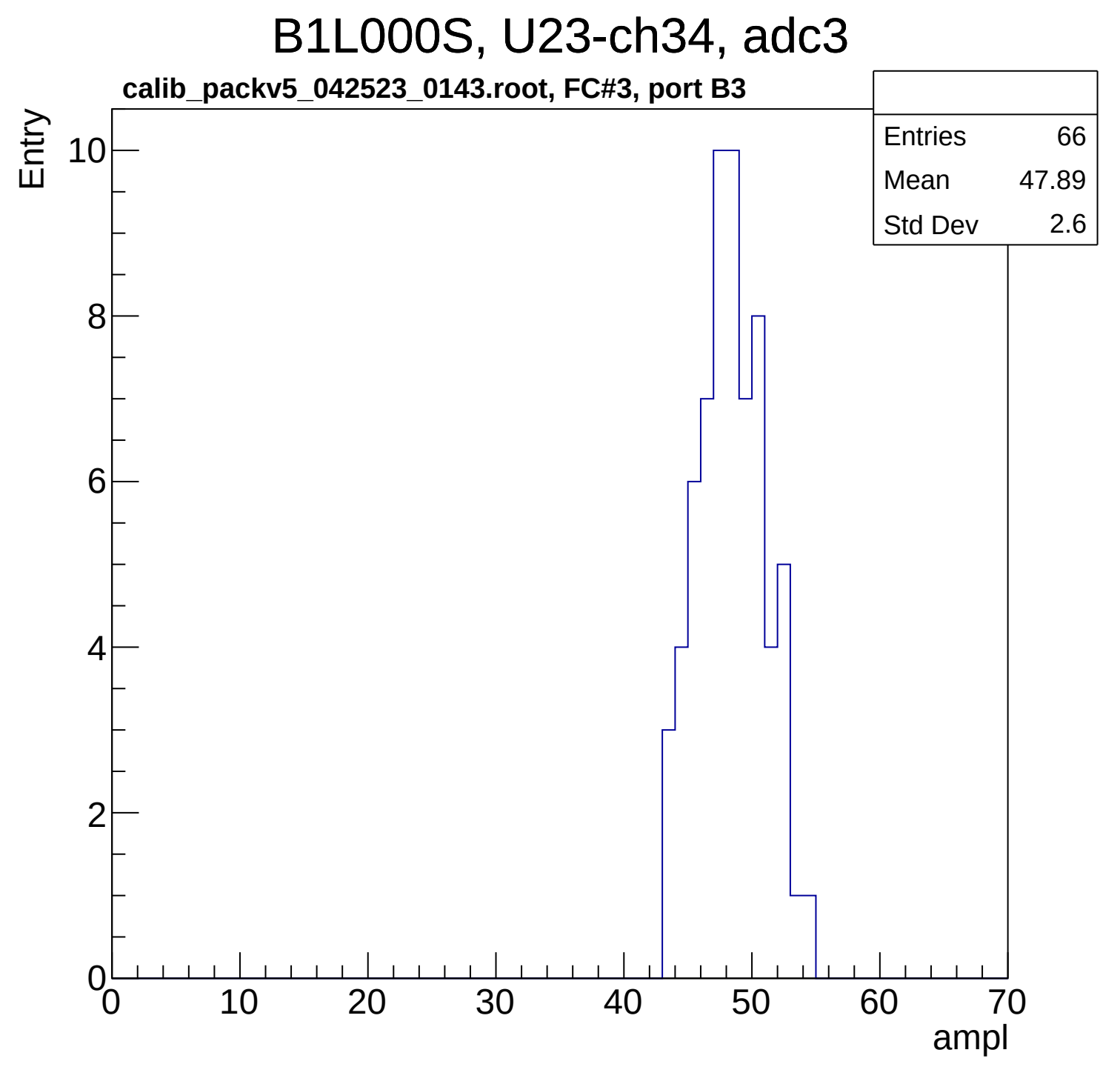
B1L000S, U23-ch34, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 47.89
Std Dev 2.6
Entry
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10
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10
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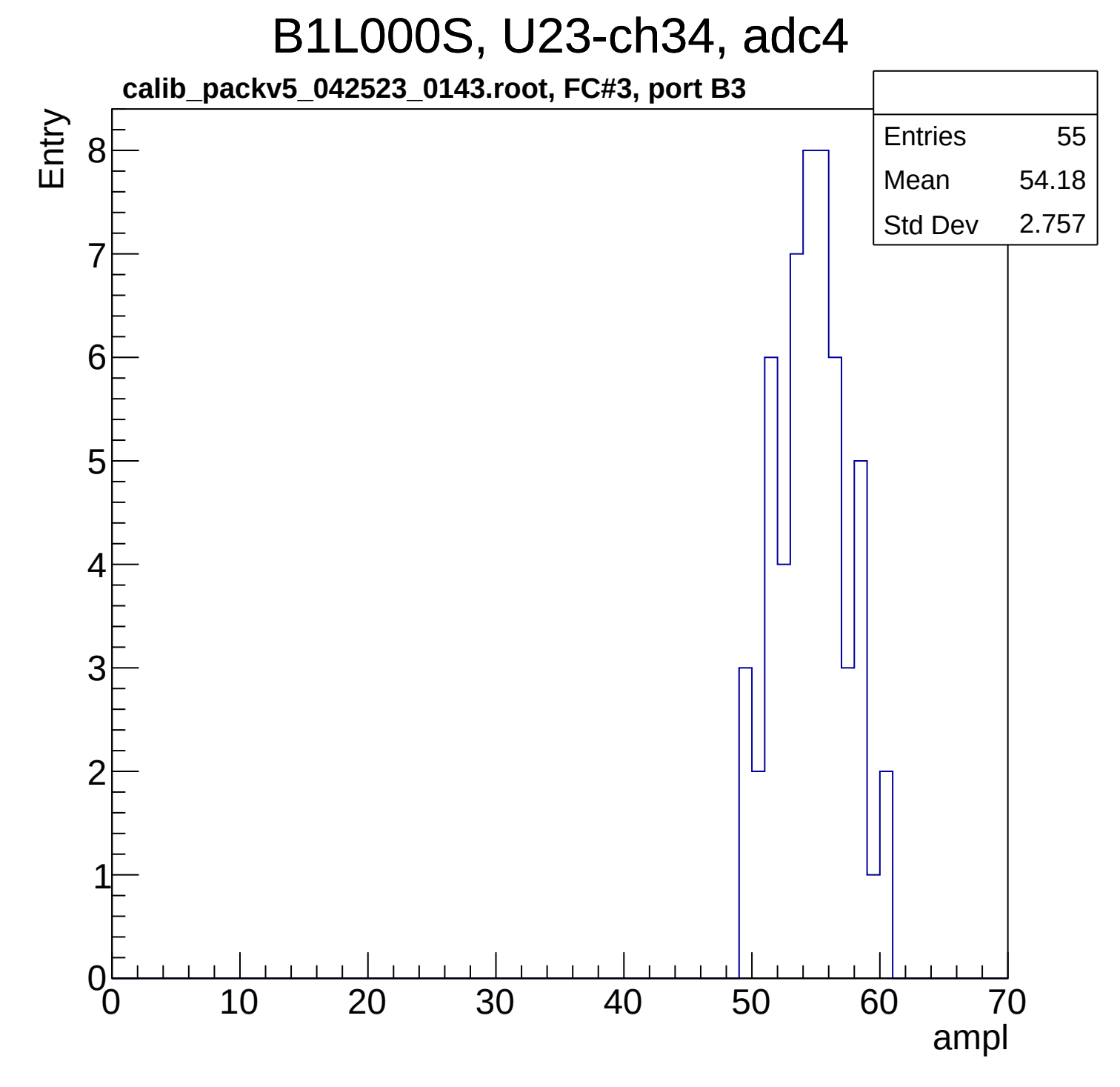
70
ampl


B1L000S, U23-ch34, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54.18
Std Dev 2.757
Entry
ampl
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2
3
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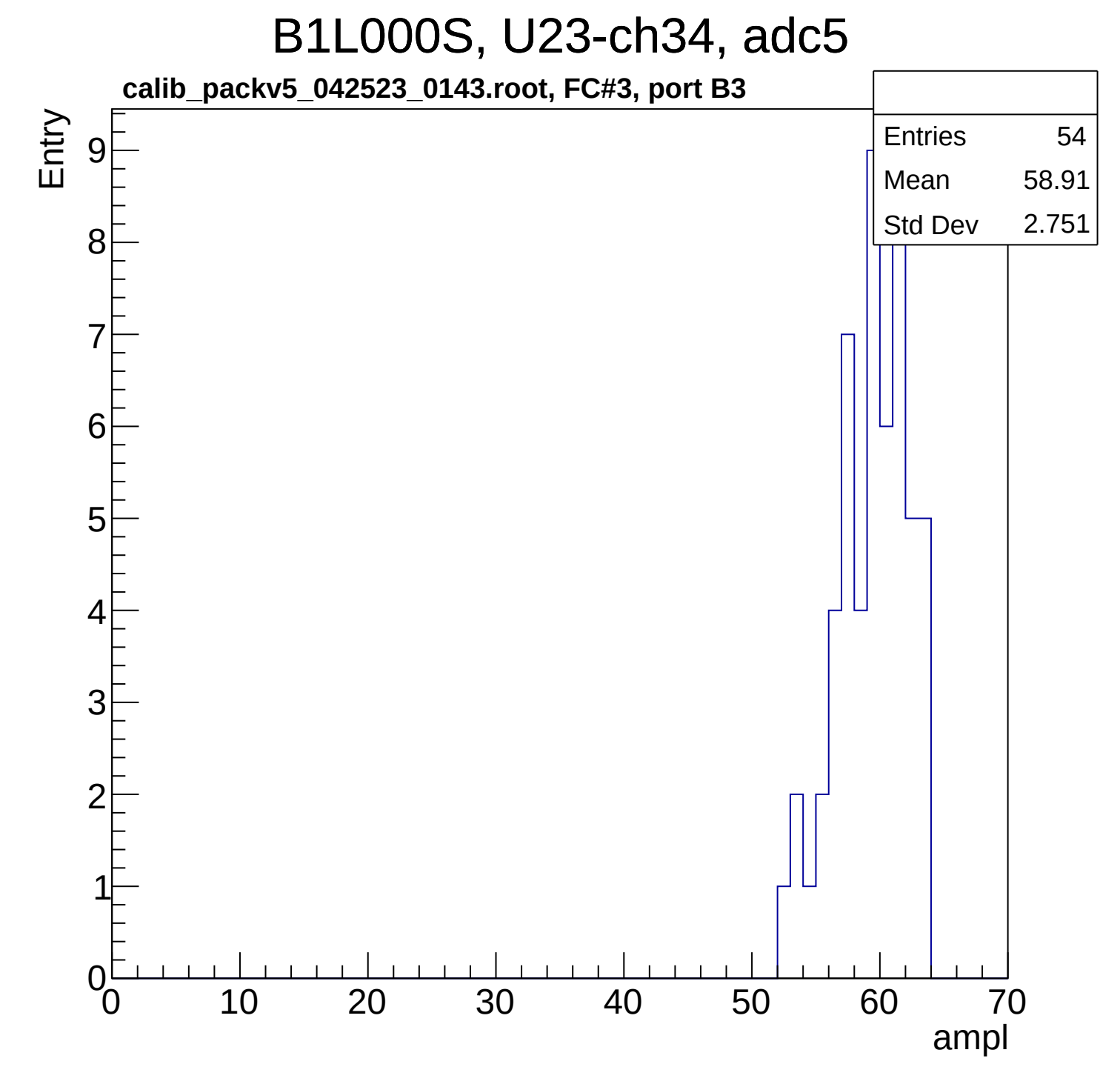
B1L000S, U23-ch34, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.91
Std Dev 2.751
Entry
ampl
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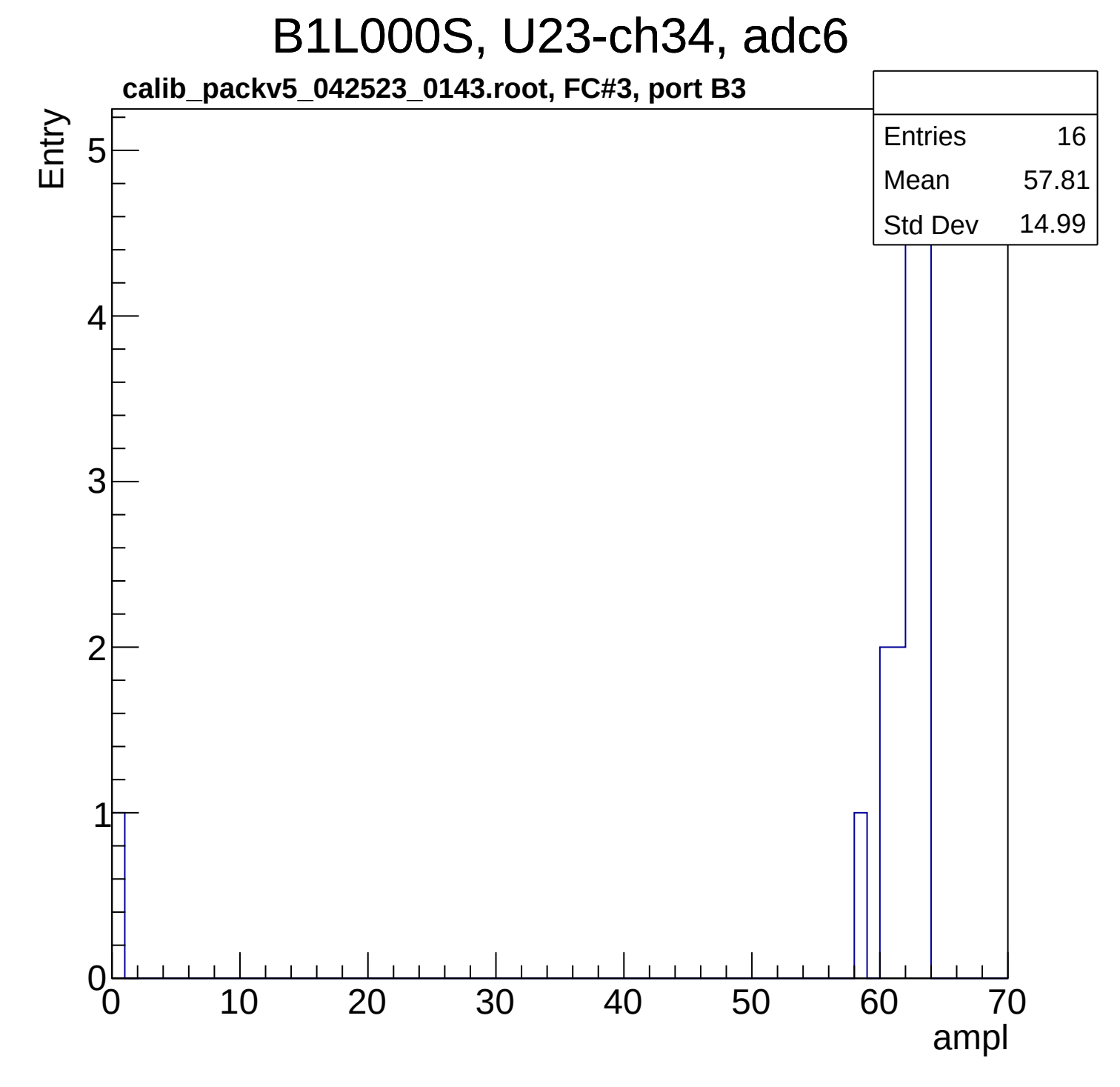
B1L000S, U23-ch34, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.81
Std Dev 14.99
Entry
0
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2
3
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5
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10
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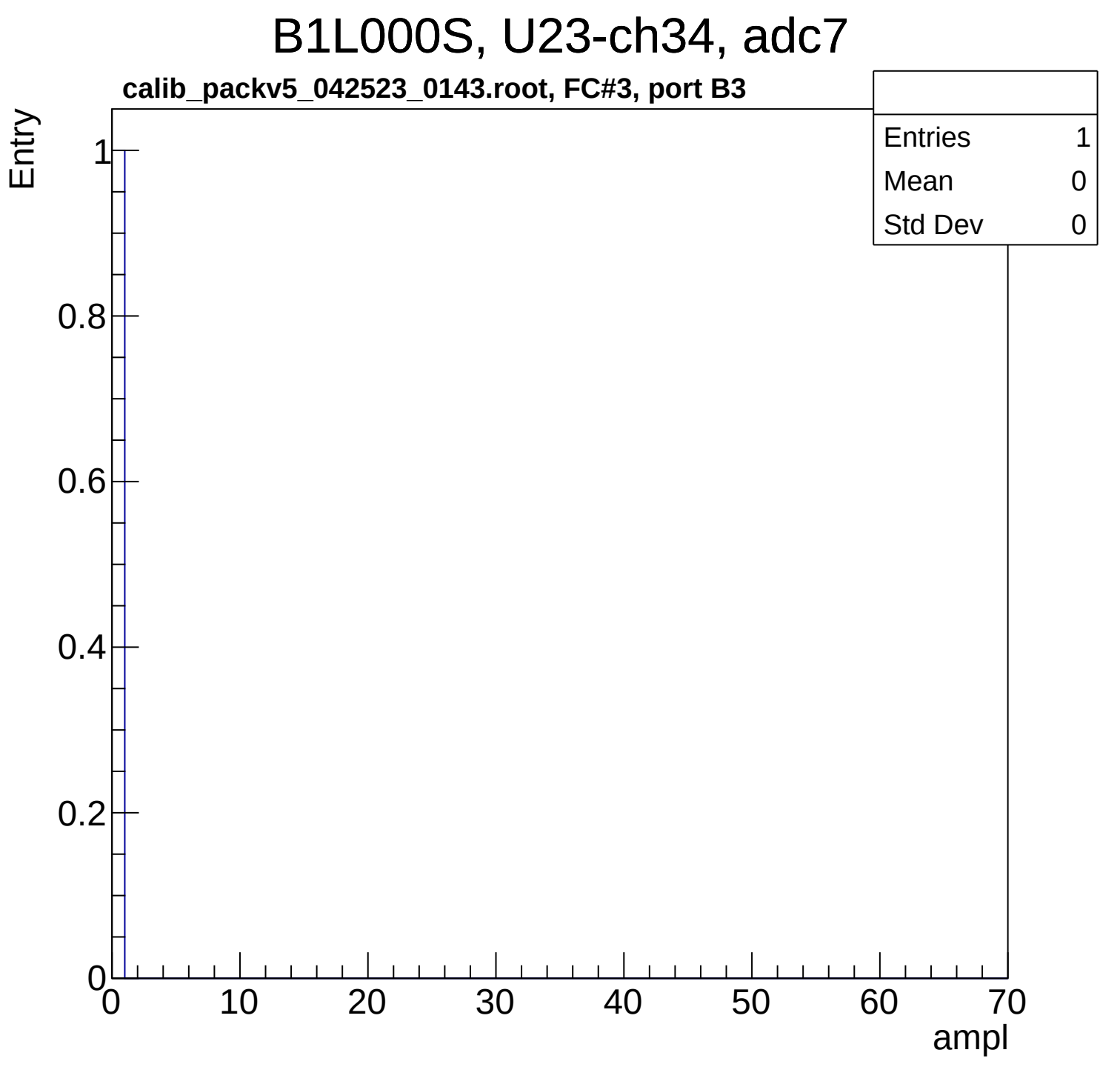
70
ampl


B1L000S, U23-ch34, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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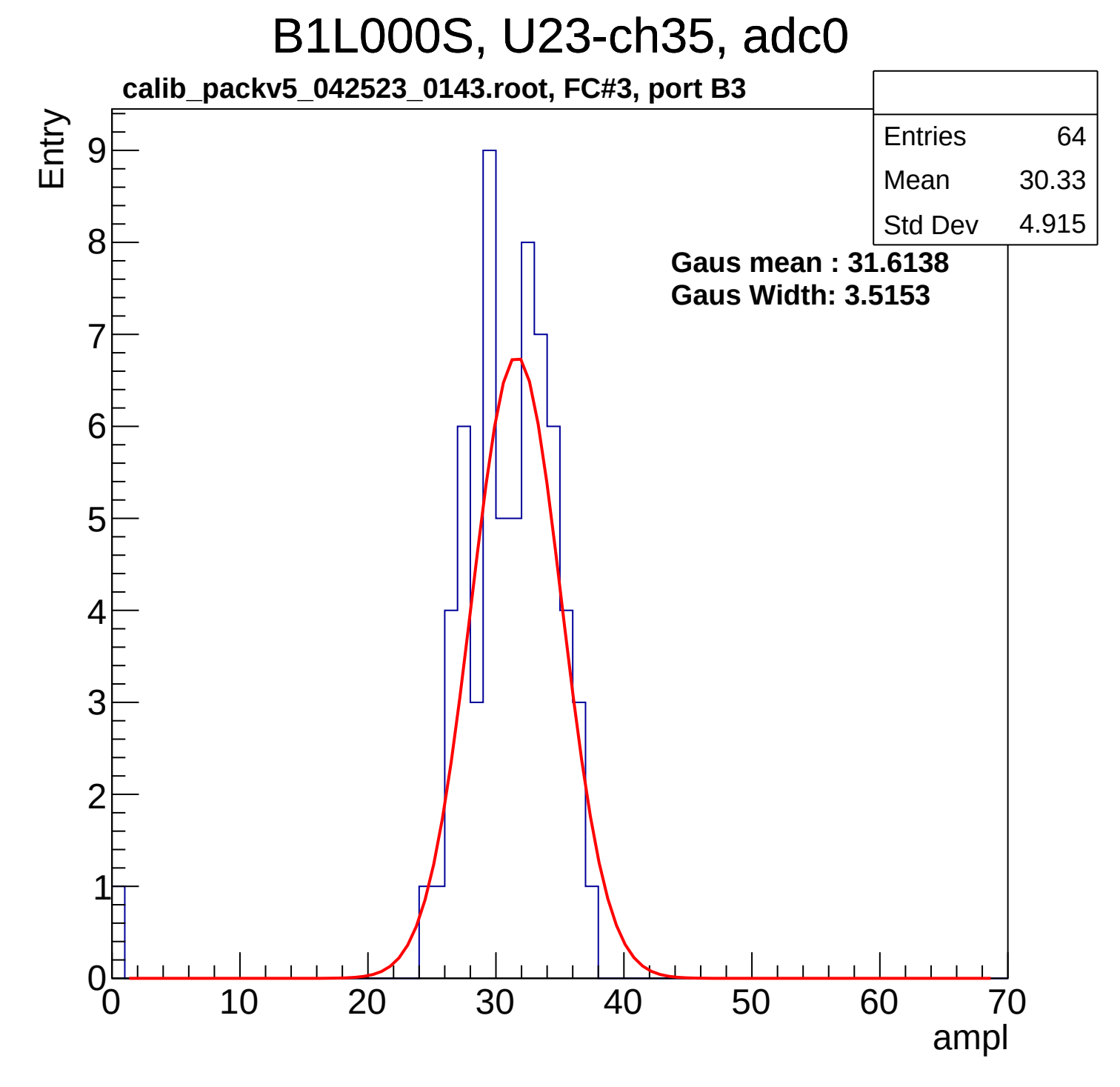
ampl


B1L000S, U23-ch35, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 30.33
Std Dev 4.915
Gaus mean : 31.6138
Gaus Width: 3.5153
Entry
ampl
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0
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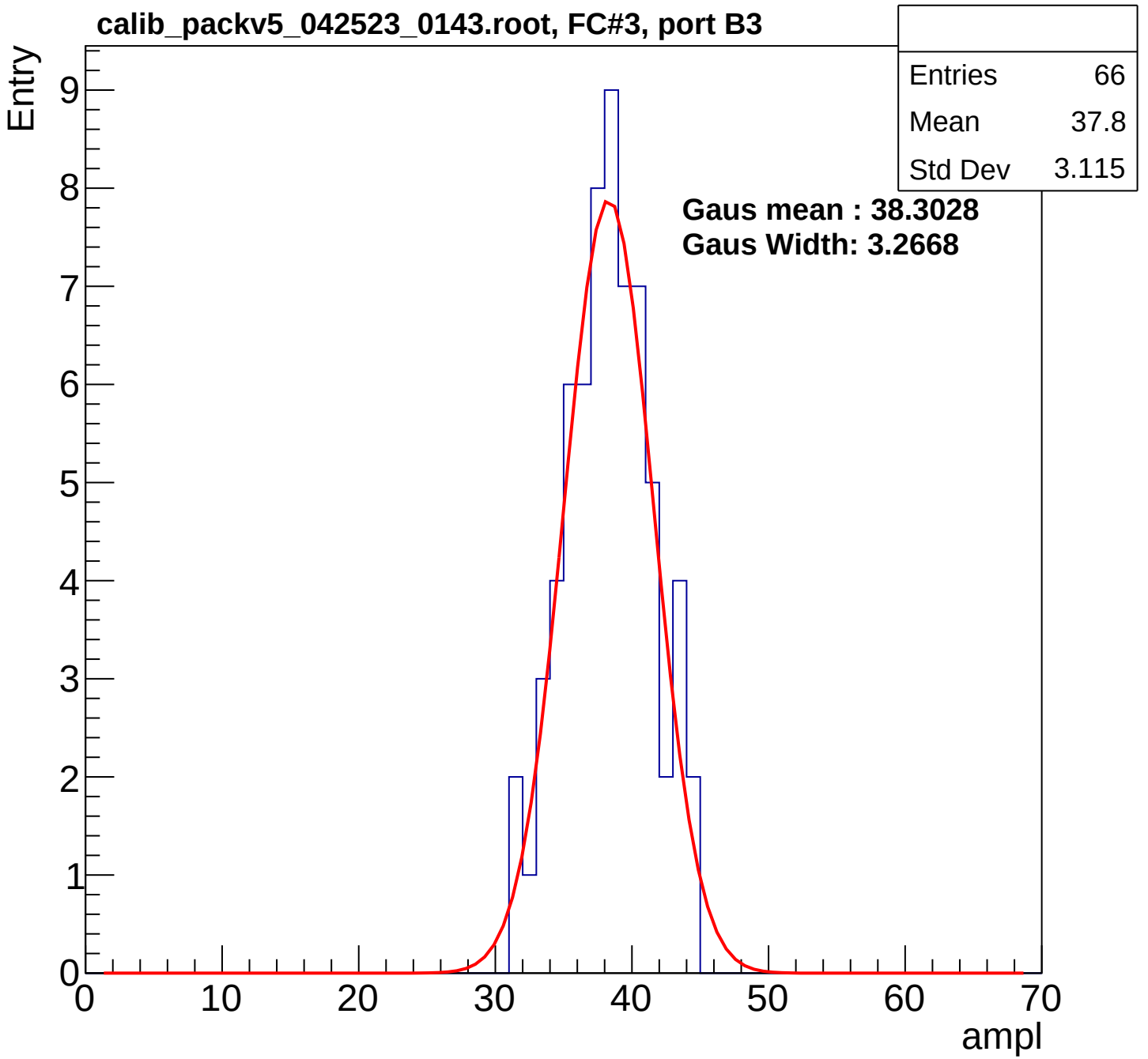
B1L000S, U23-ch35, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 37.8
Std Dev 3.115
Gaus mean : 38.3028
Gaus Width: 3.2668
Entry
ampl
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0
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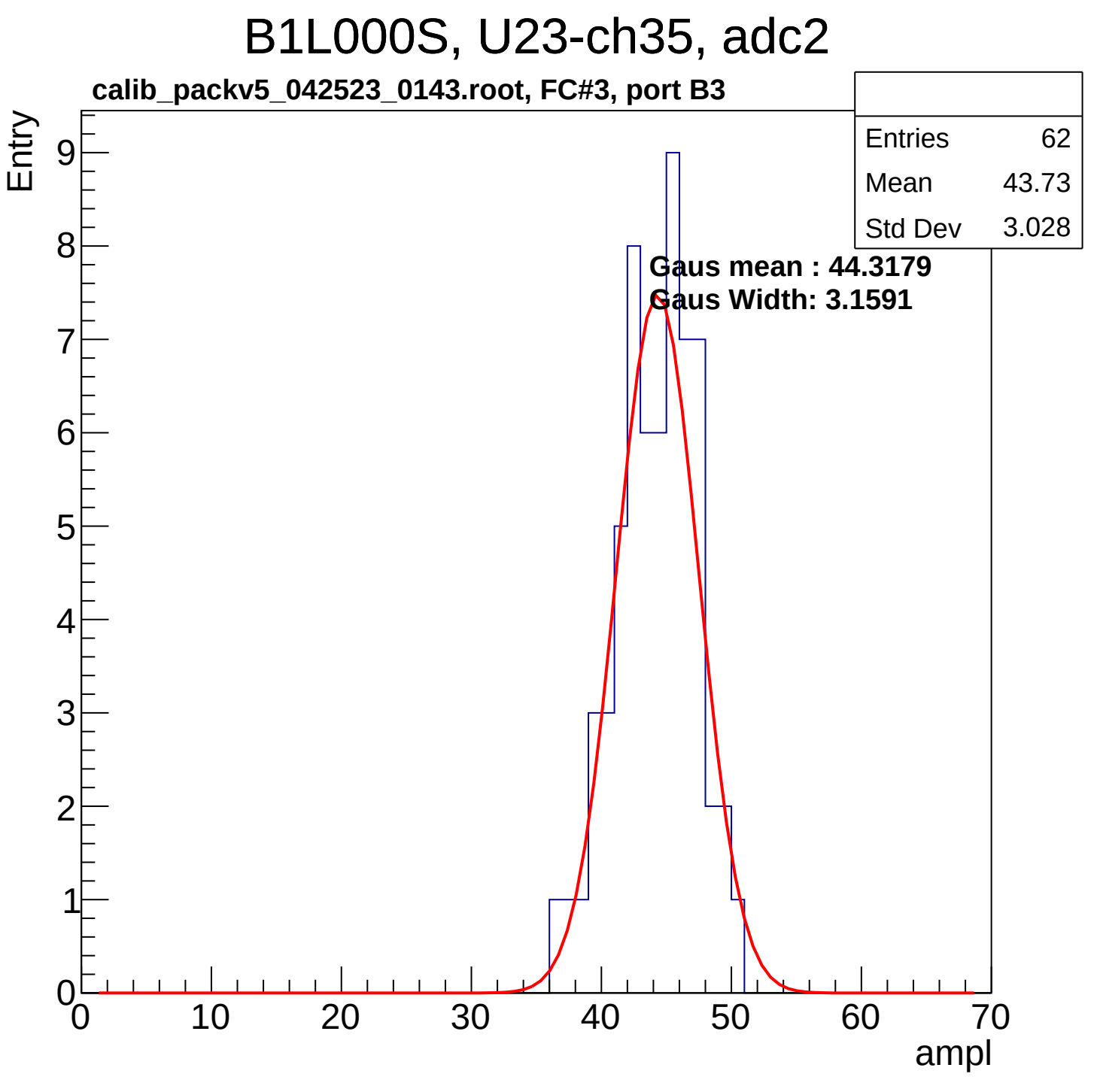
B1L000S, U23-ch35, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 43.73
Std Dev 3.028
Gaus mean : 44.3179
Gaus Width: 3.1591
Entry
ampl
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6
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0
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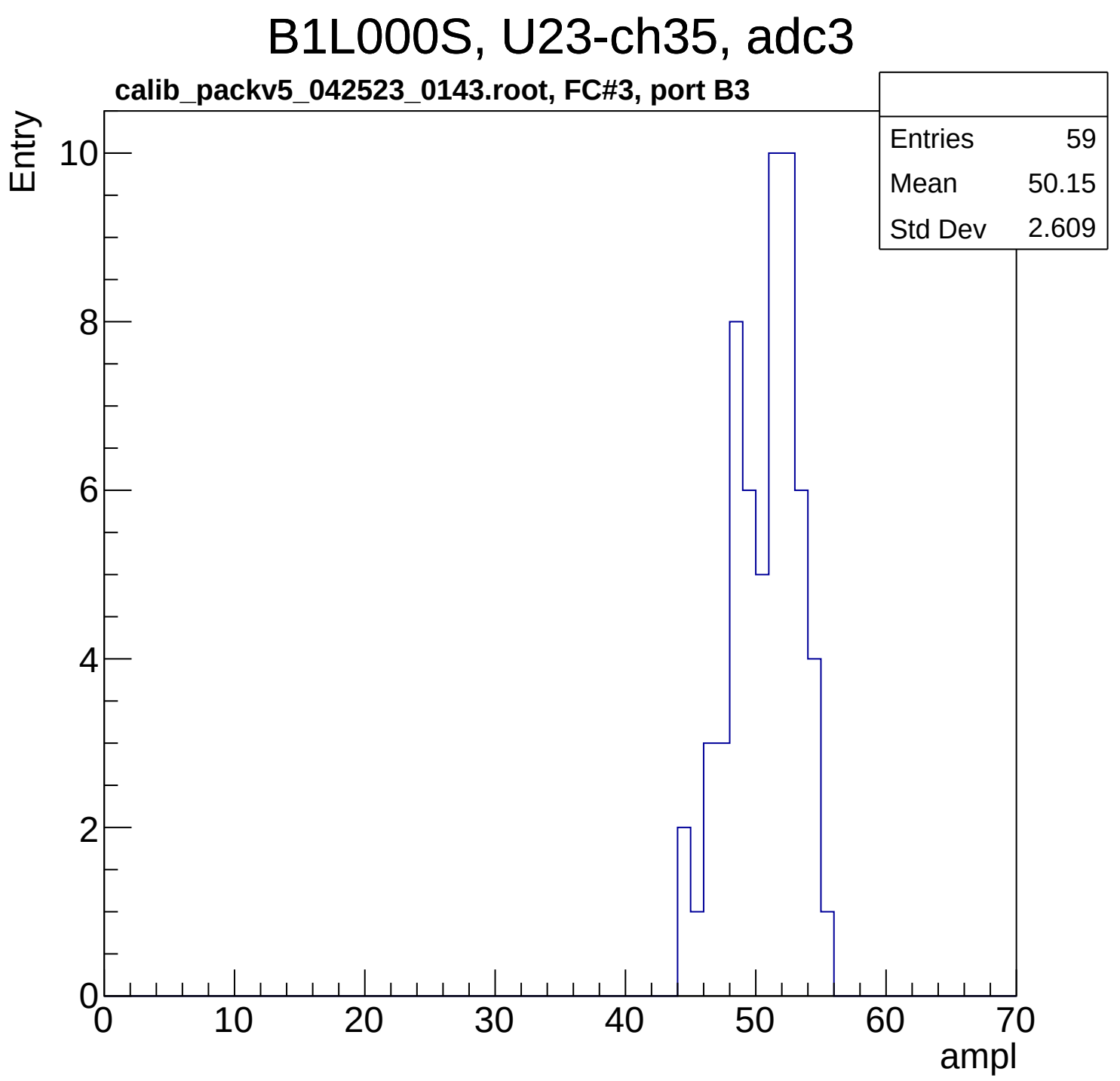
B1L000S, U23-ch35, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 50.15
Std Dev 2.609
Entry
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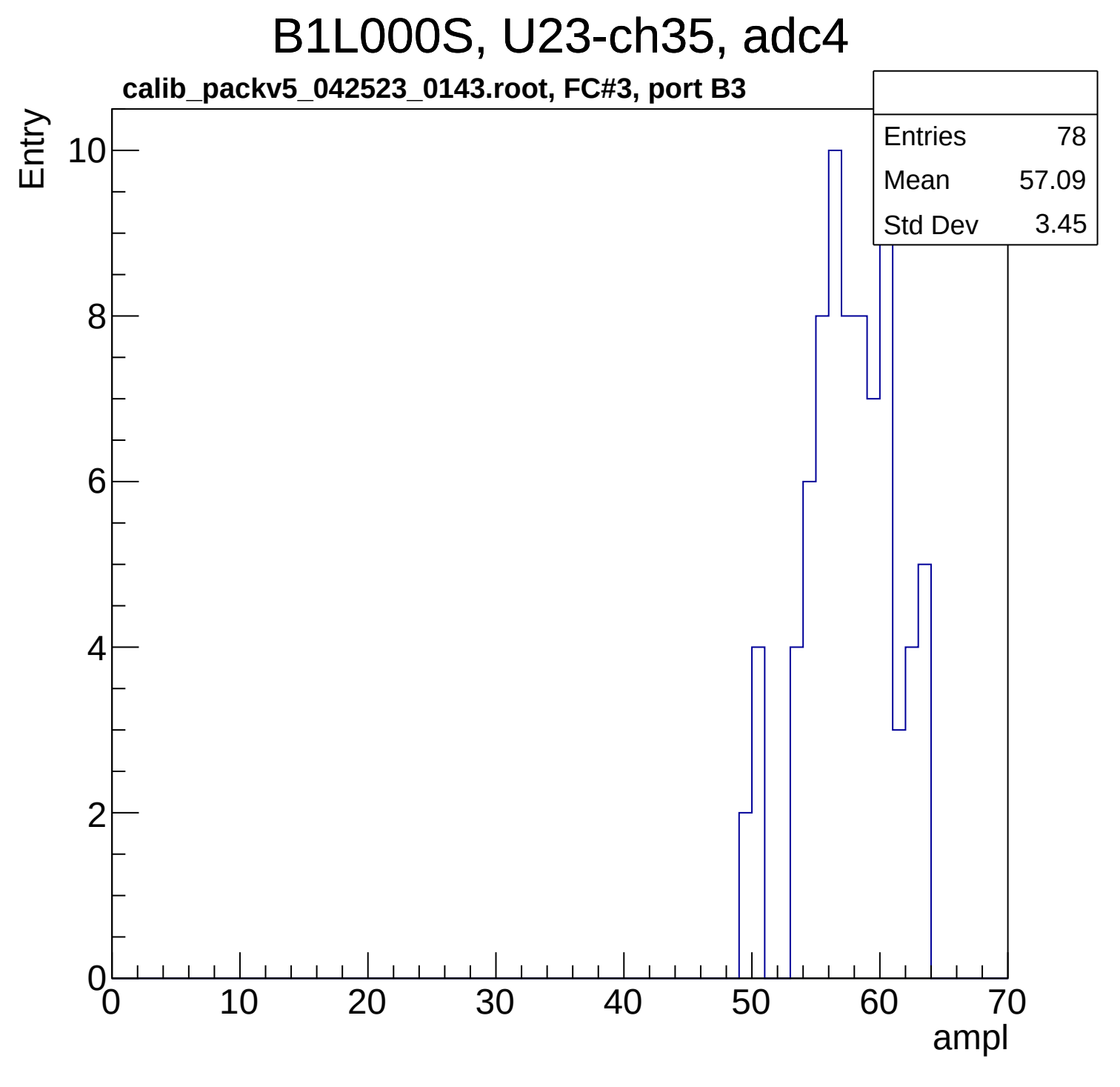
ampl


B1L000S, U23-ch35, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 57.09
Std Dev 3.45
Entry
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2
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10
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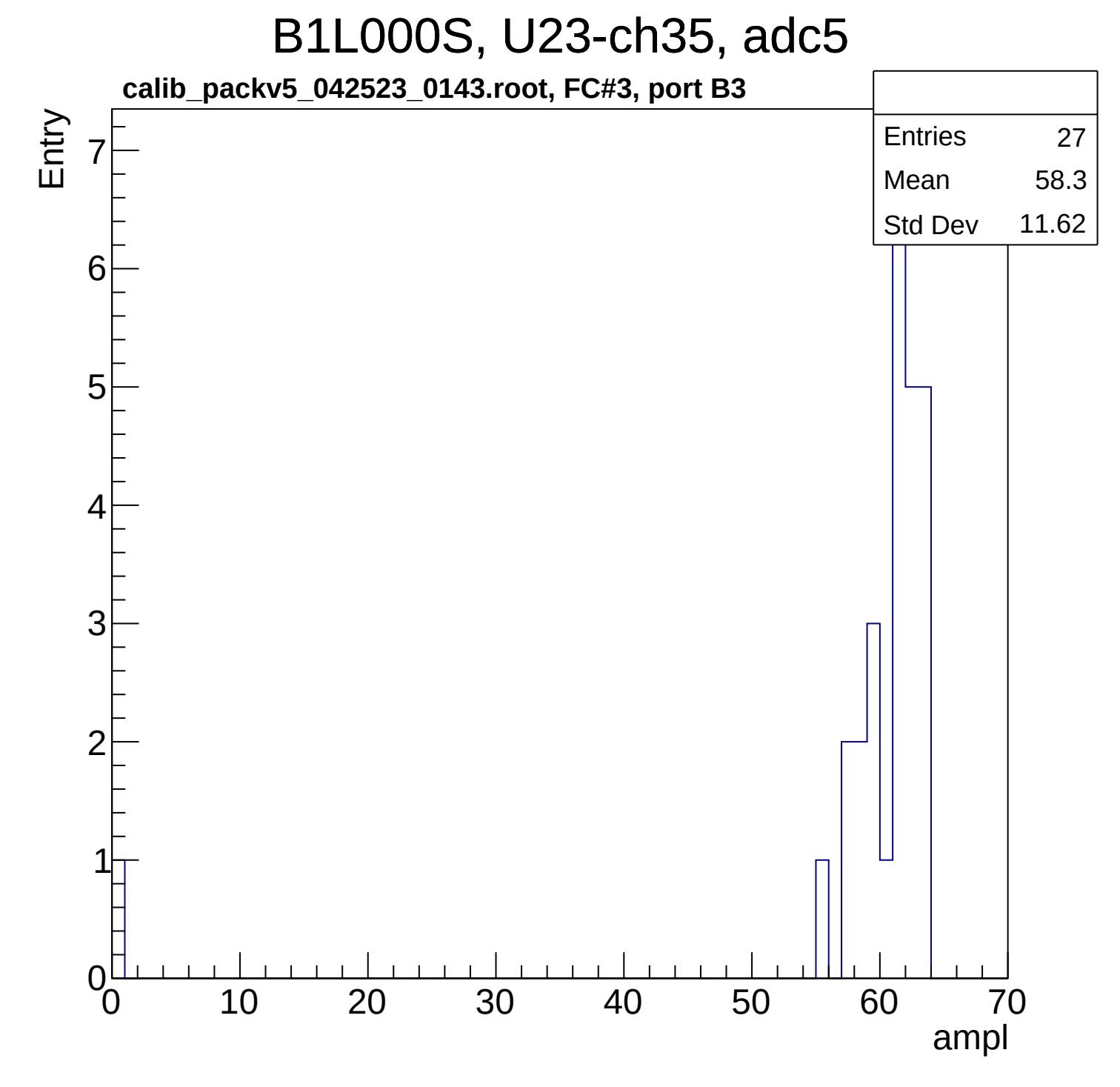
70
ampl


B1L000S, U23-ch35, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 27
Mean 58.3
Std Dev 11.62
Entry
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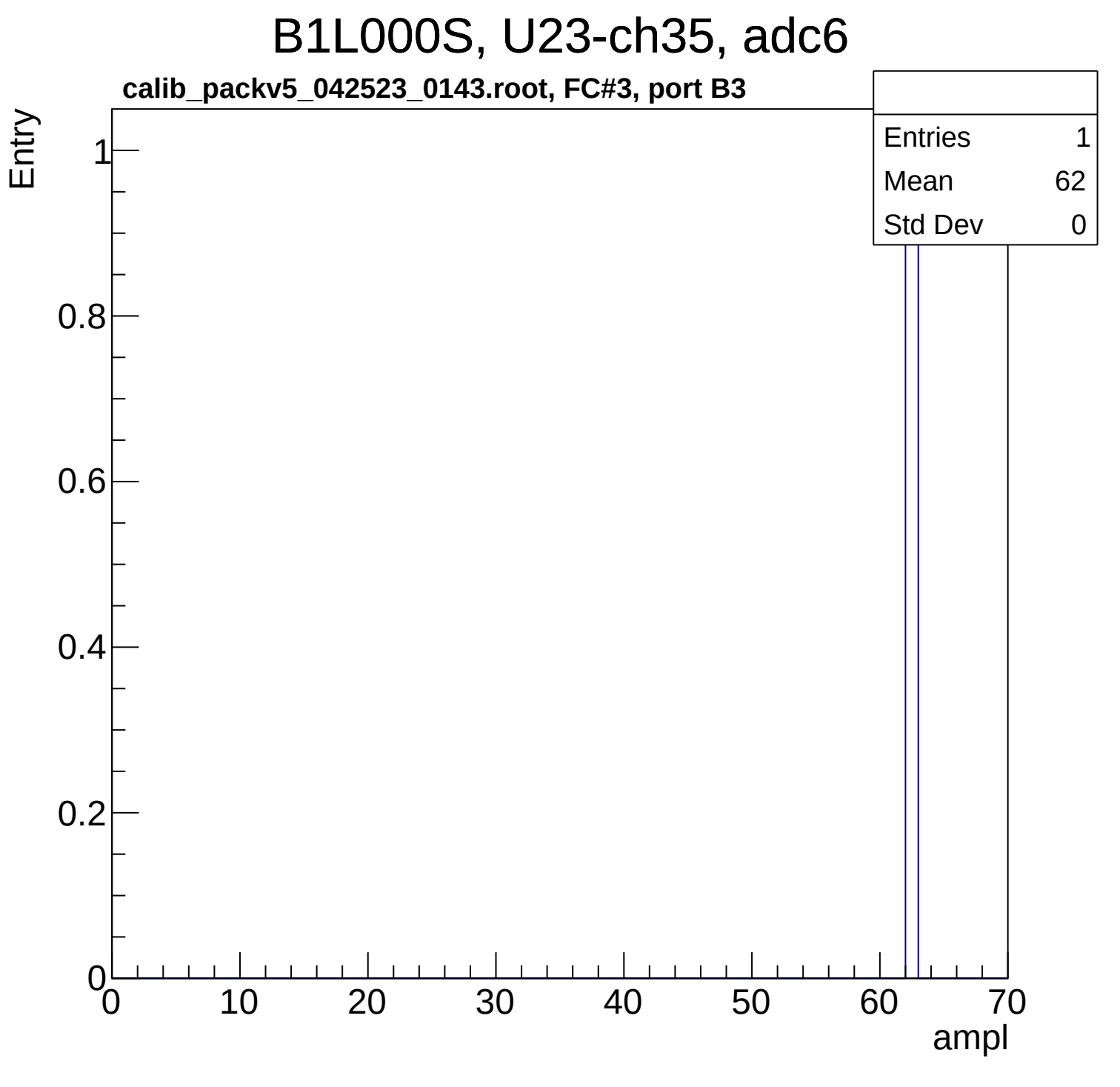
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch35, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
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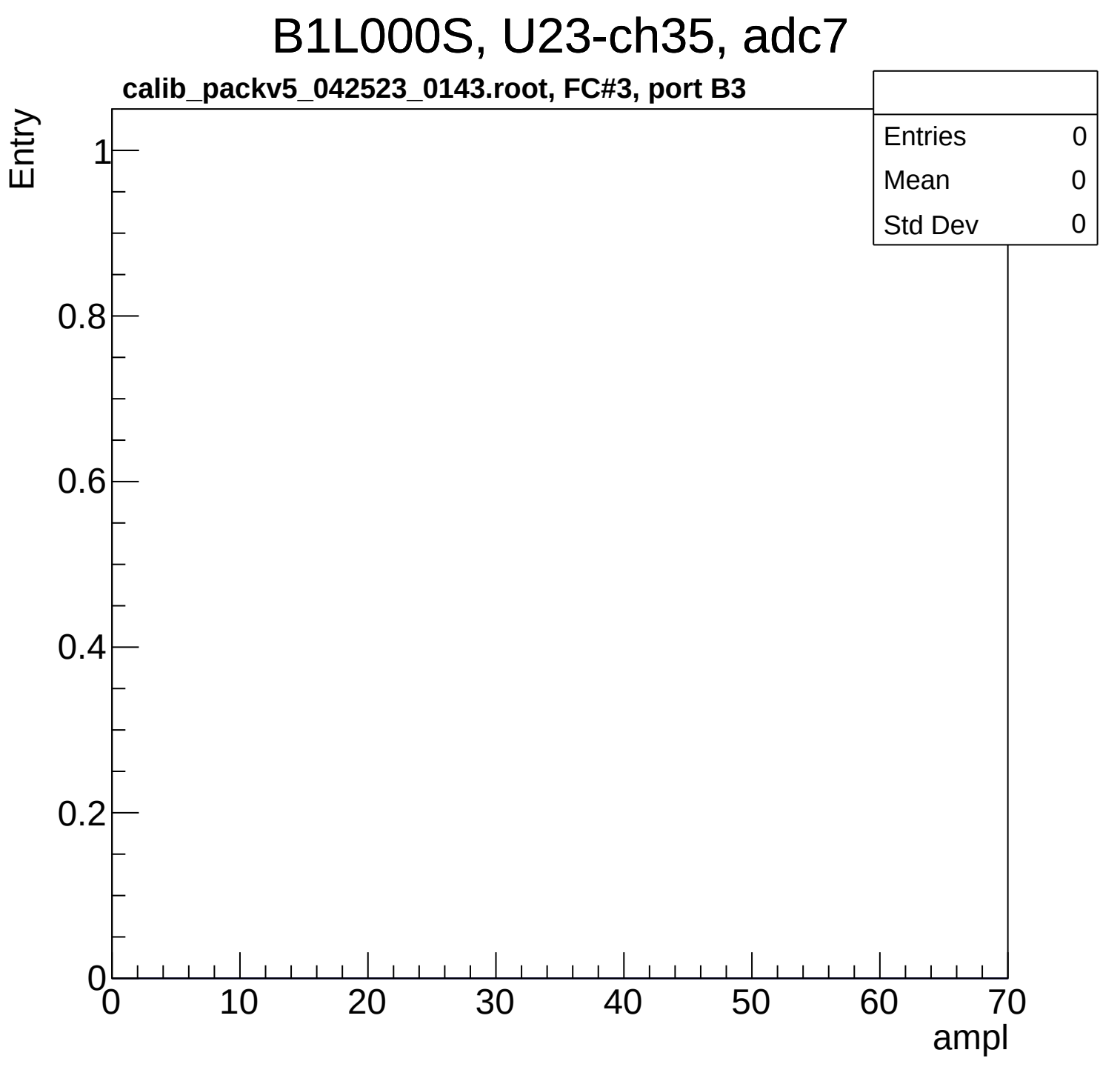
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch35, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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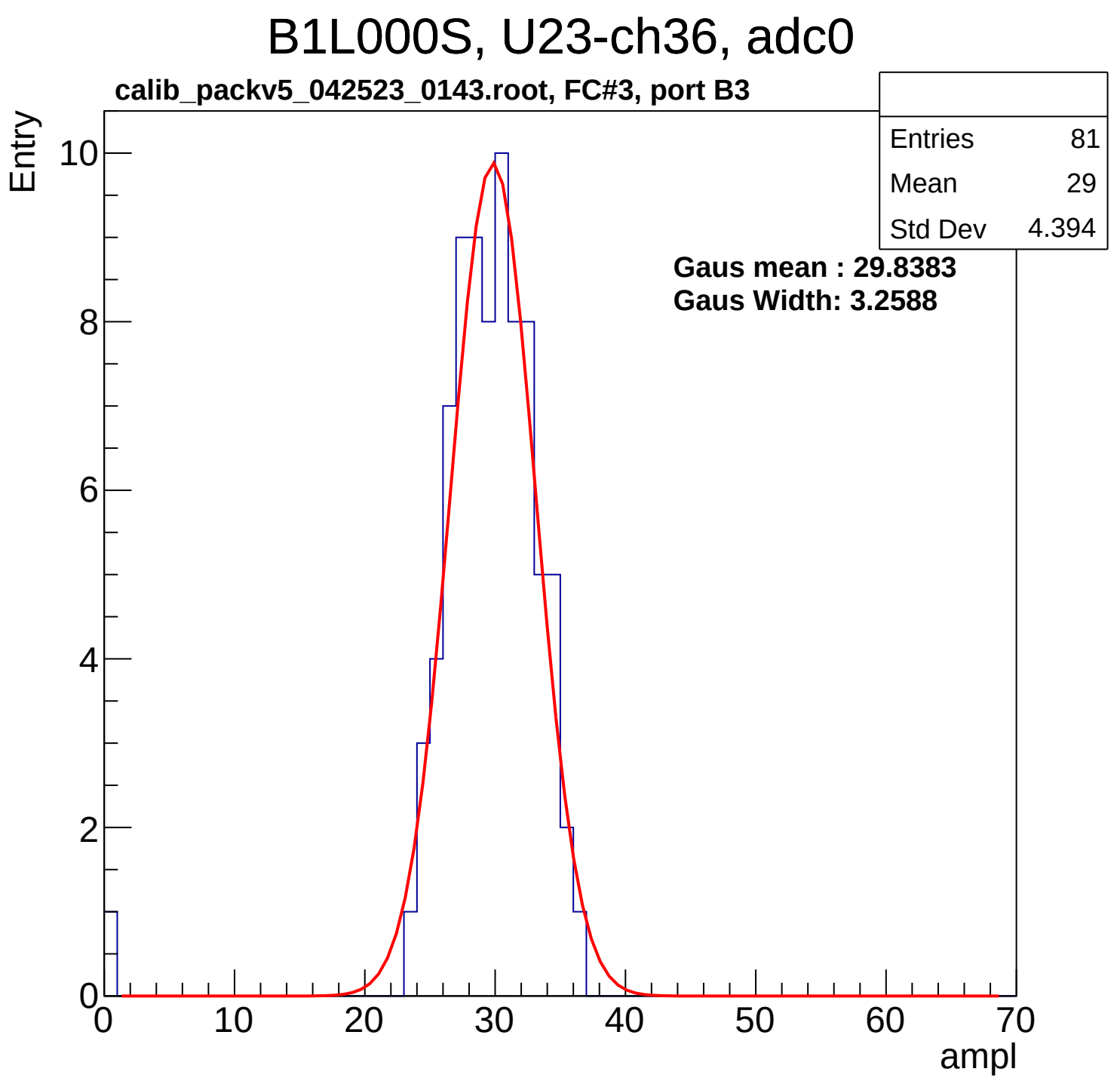
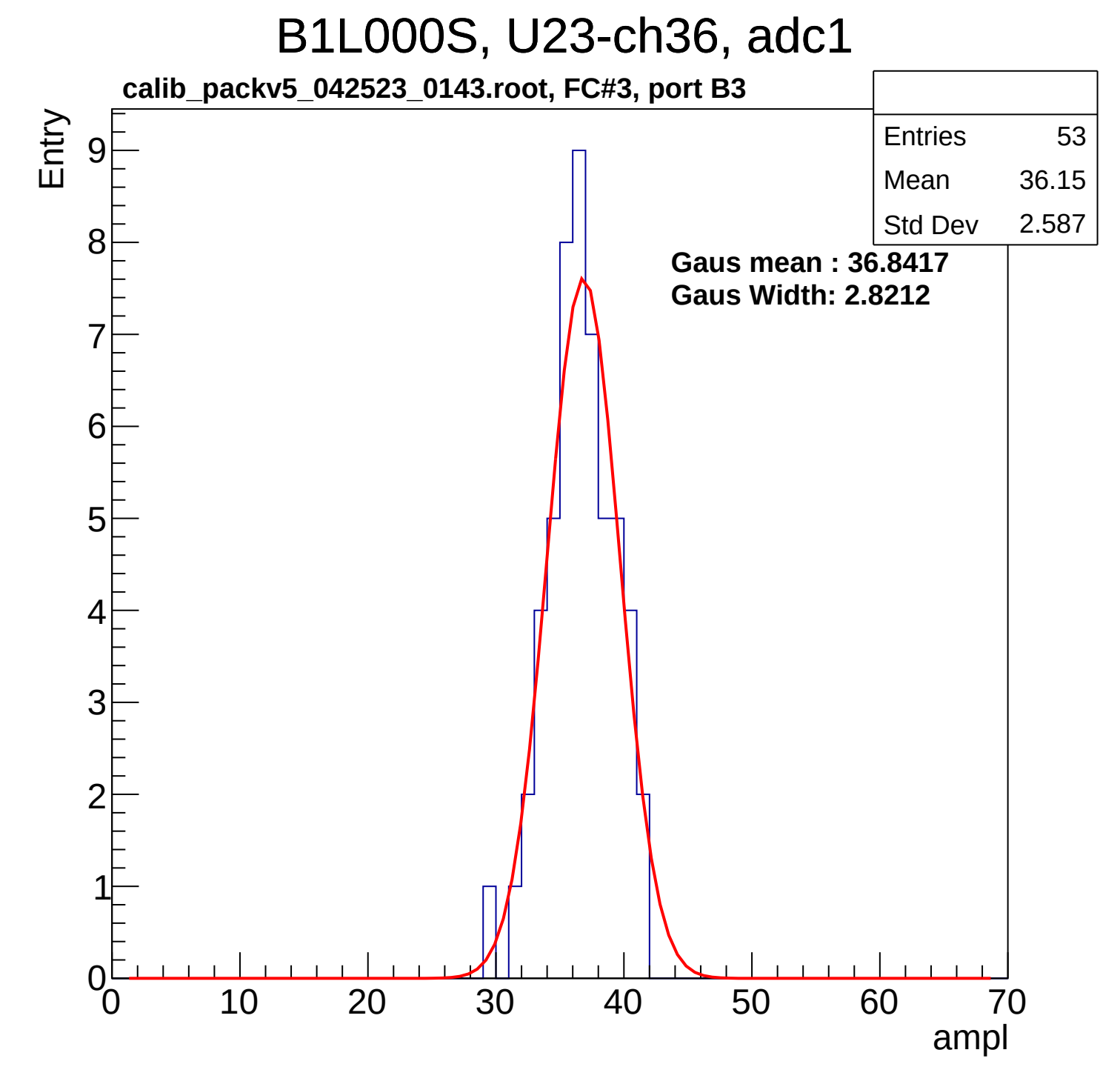
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch36, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 29
Std Dev 4.394
Gaus mean : 29.8383
Gaus Width: 3.2588
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch36, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 36.15
Std Dev 2.587
Gaus mean : 36.8417
Gaus Width: 2.8212
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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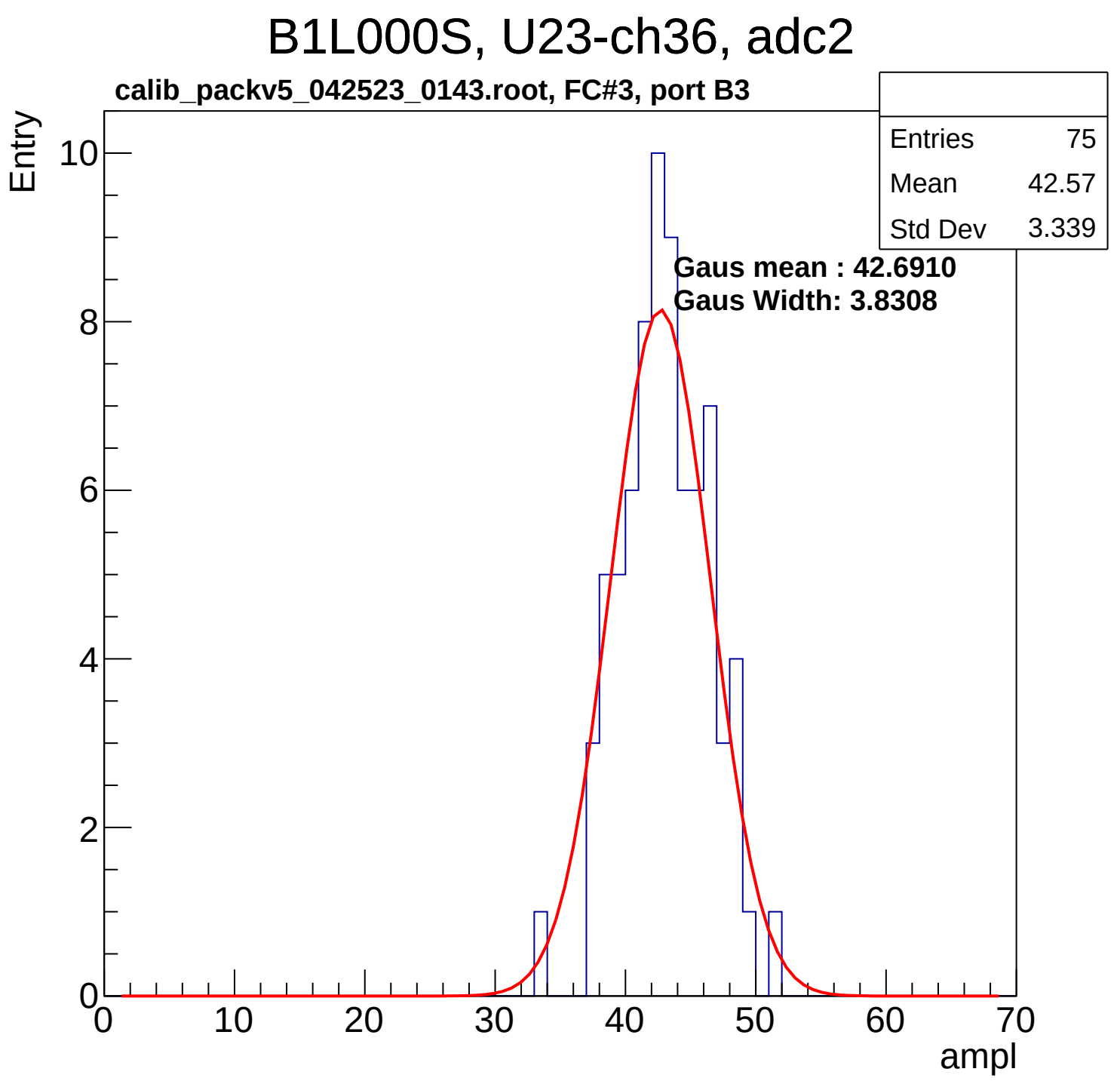
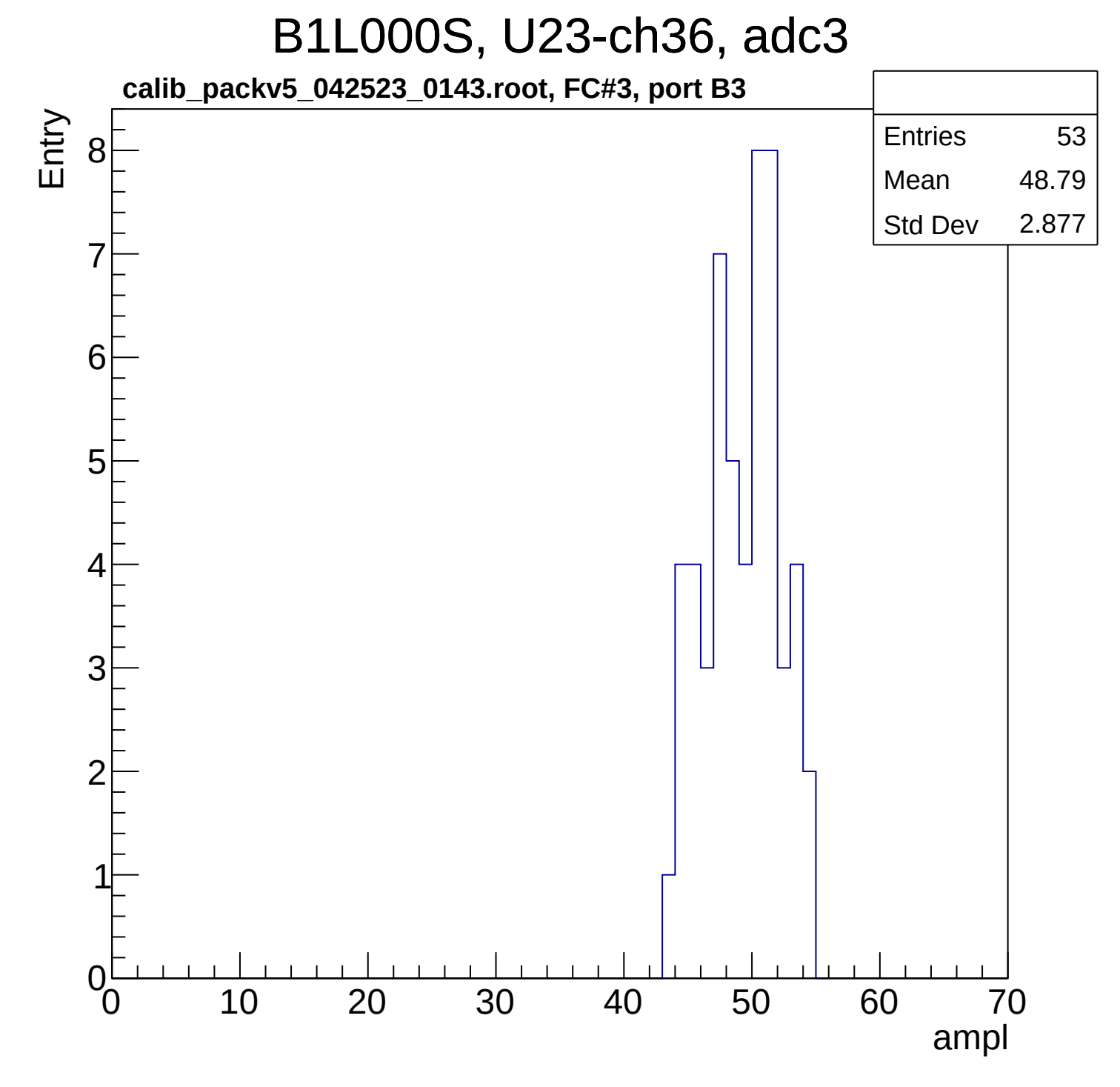

B1L000S, U23-ch36, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 42.57
Std Dev 3.339
Gaus mean : 42.6910
Gaus Width: 3.8308
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch36, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 48.79
Std Dev 2.877
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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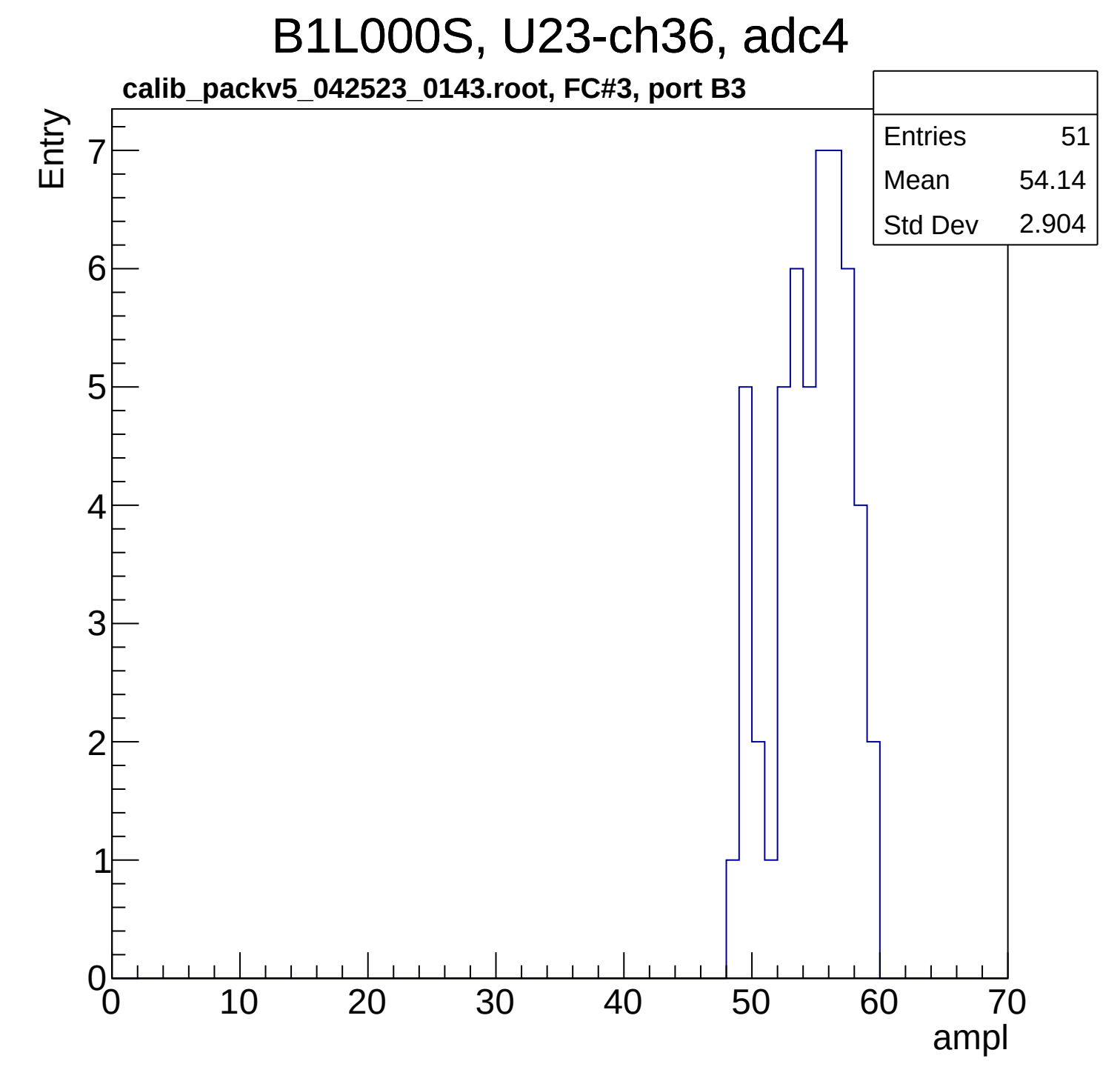
B1L000S, U23-ch36, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 54.14
Std Dev 2.904
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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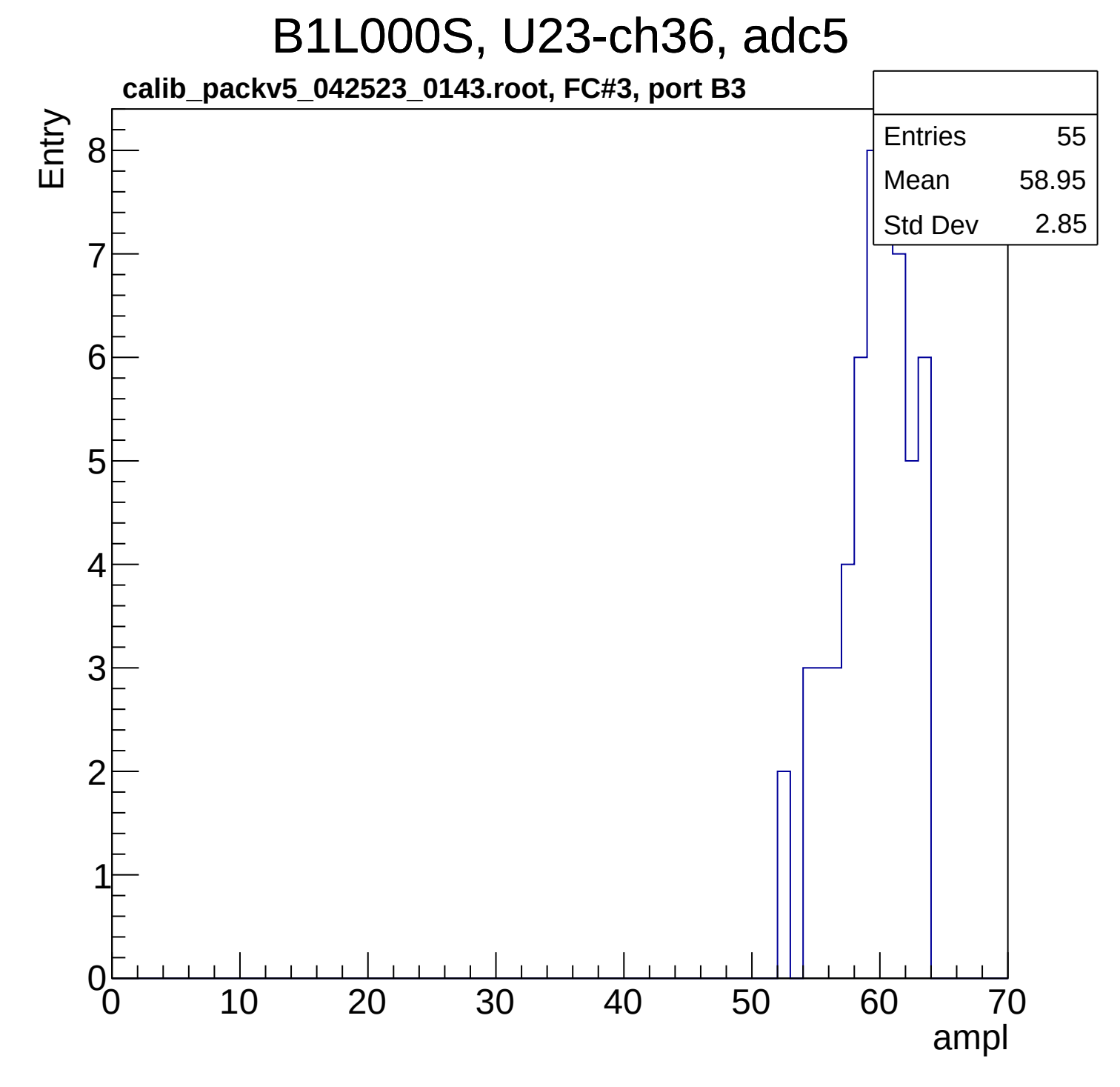
B1L000S, U23-ch36, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.95
Std Dev 2.85
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
50
60
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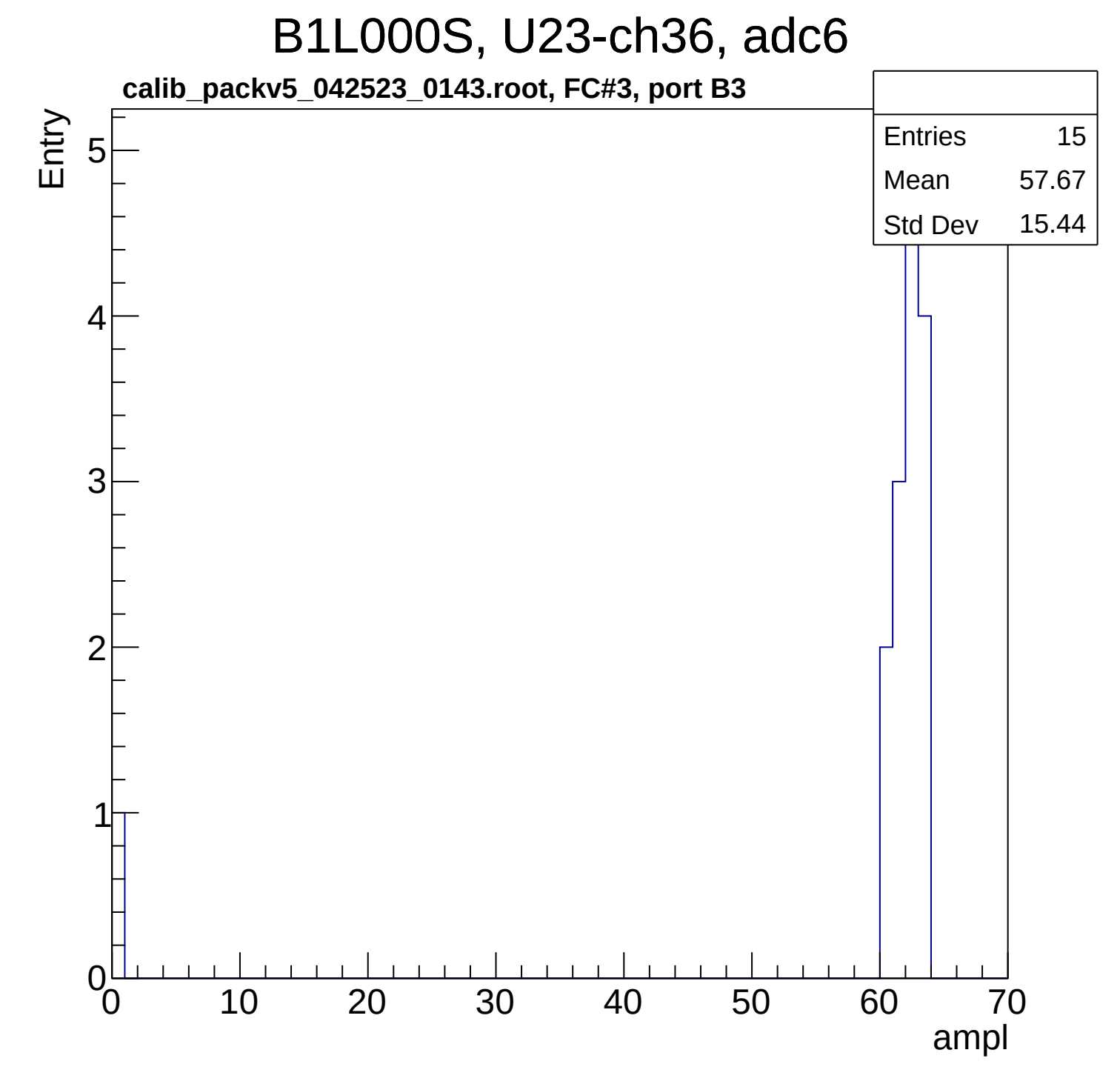
B1L000S, U23-ch36, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.67
Std Dev 15.44
Entry
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1
2
3
4
5
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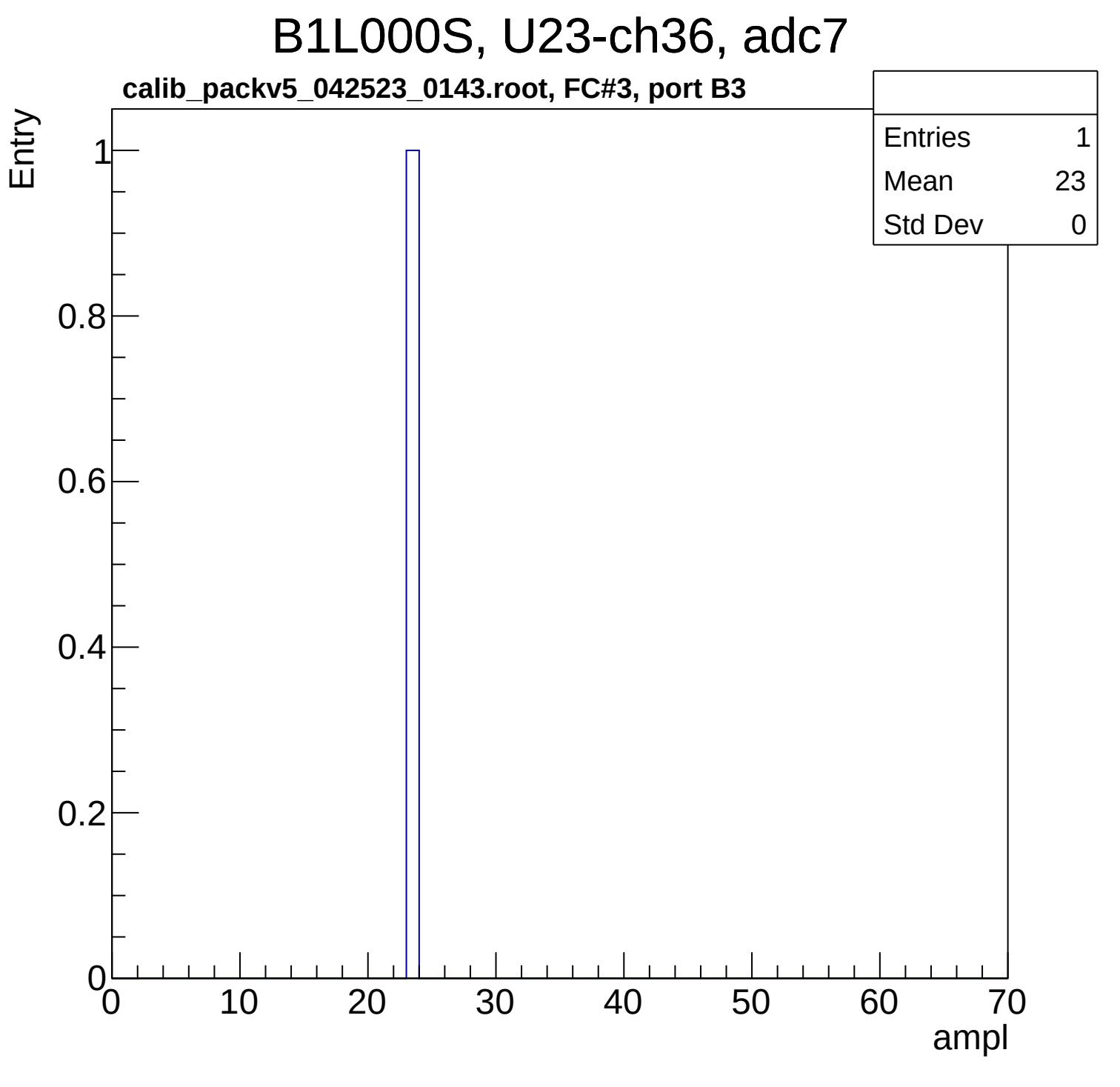
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch36, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
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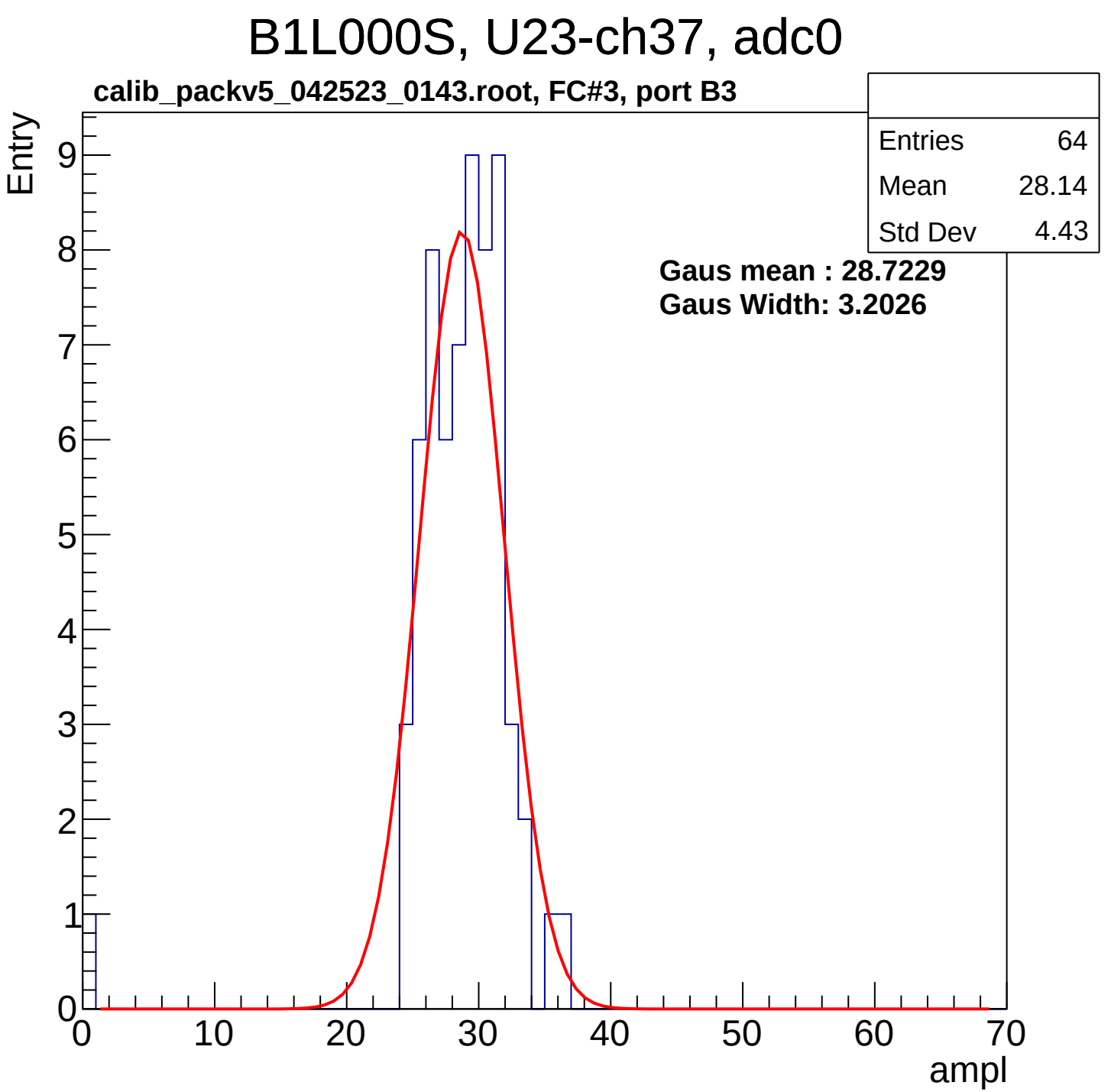
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch37, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.14
Std Dev 4.43
Gaus mean : 28.7229
Gaus Width: 3.2026
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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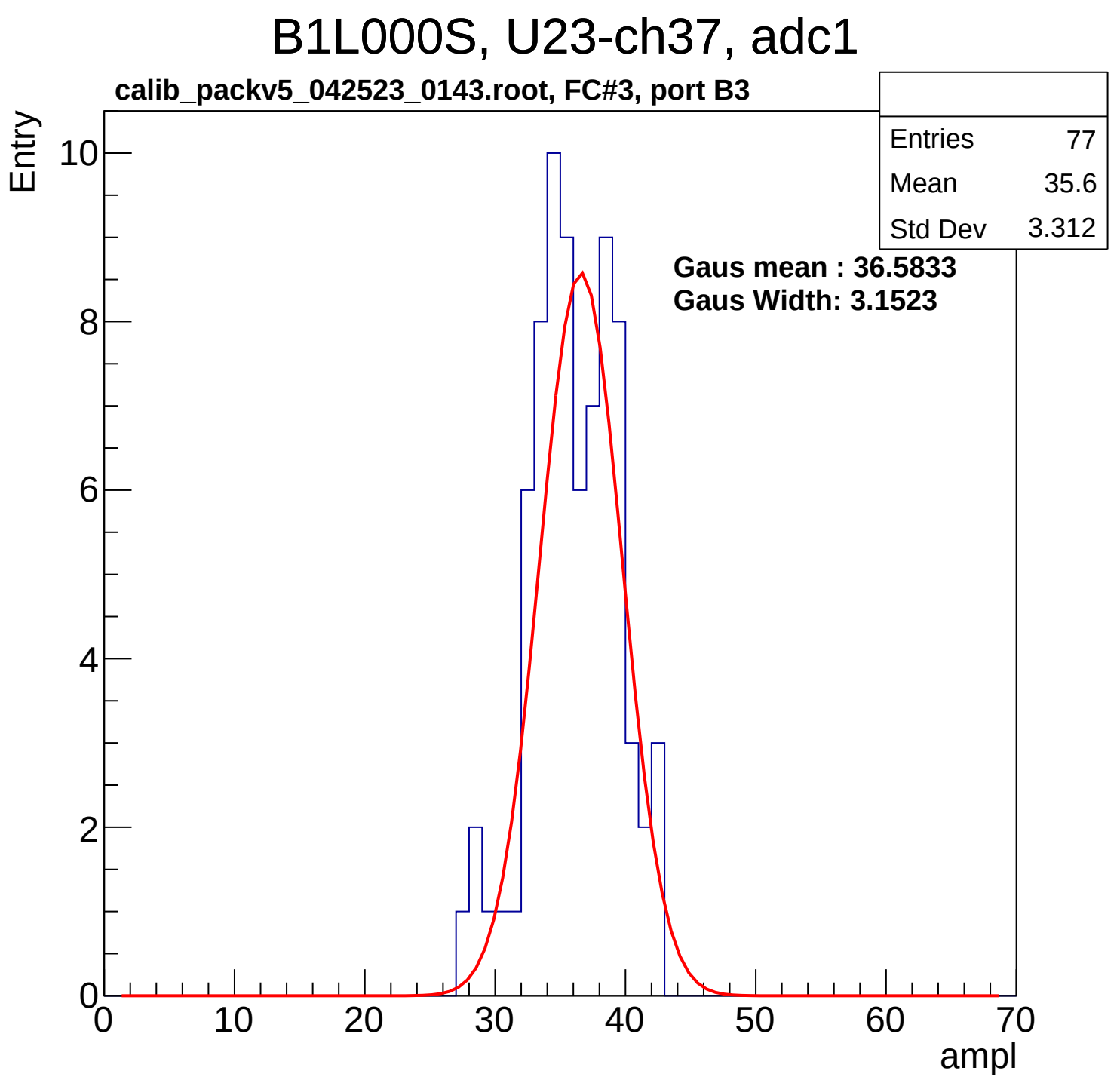
40
50
60
70


B1L000S, U23-ch37, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 35.6
Std Dev 3.312
Gaus mean : 36.5833
Gaus Width: 3.1523
Entry
ampl
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2
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10
0
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20
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60
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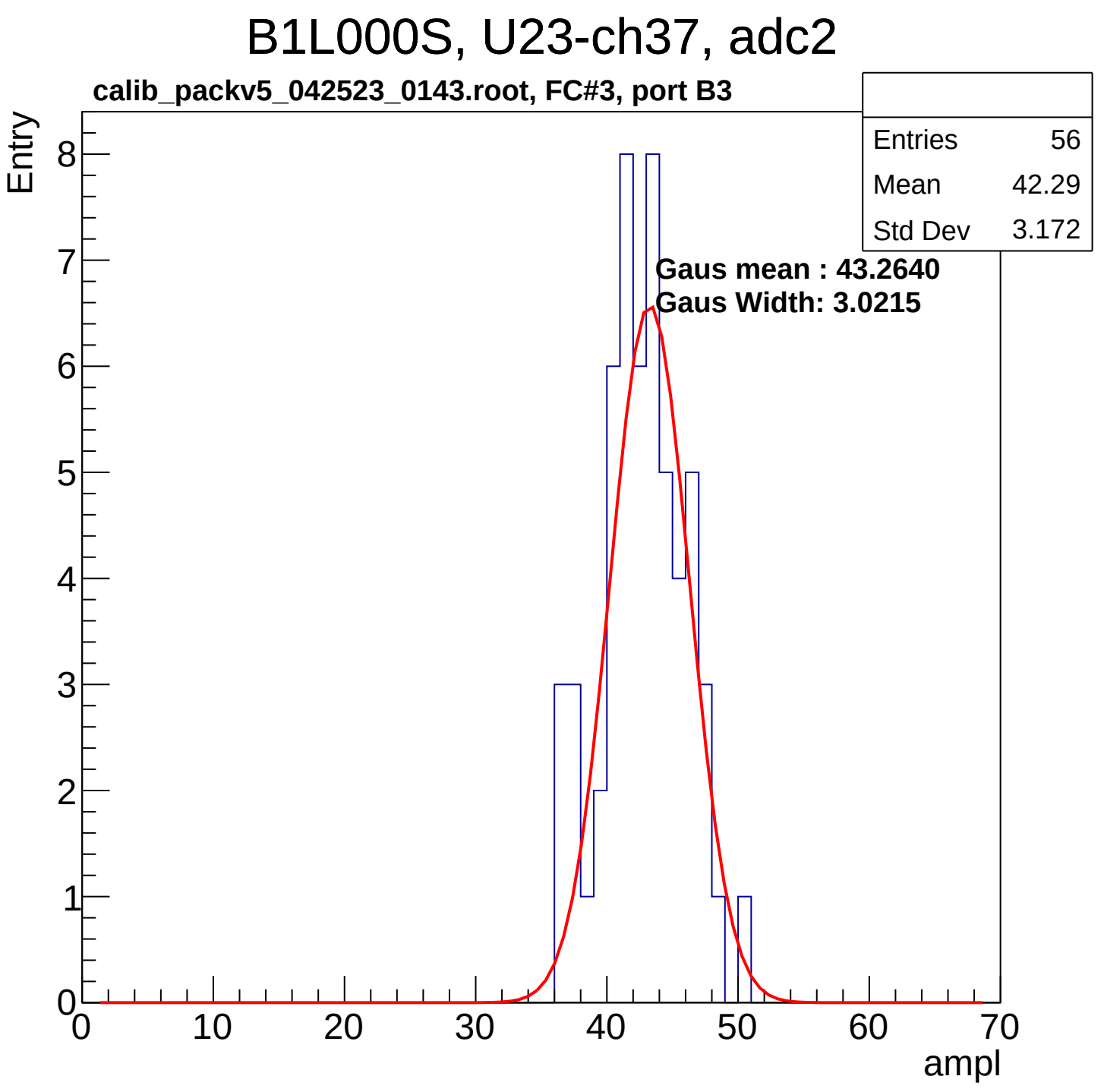
B1L000S, U23-ch37, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.29
Std Dev 3.172
Gaus mean : 43.2640
Gaus Width: 3.0215
Entry
ampl
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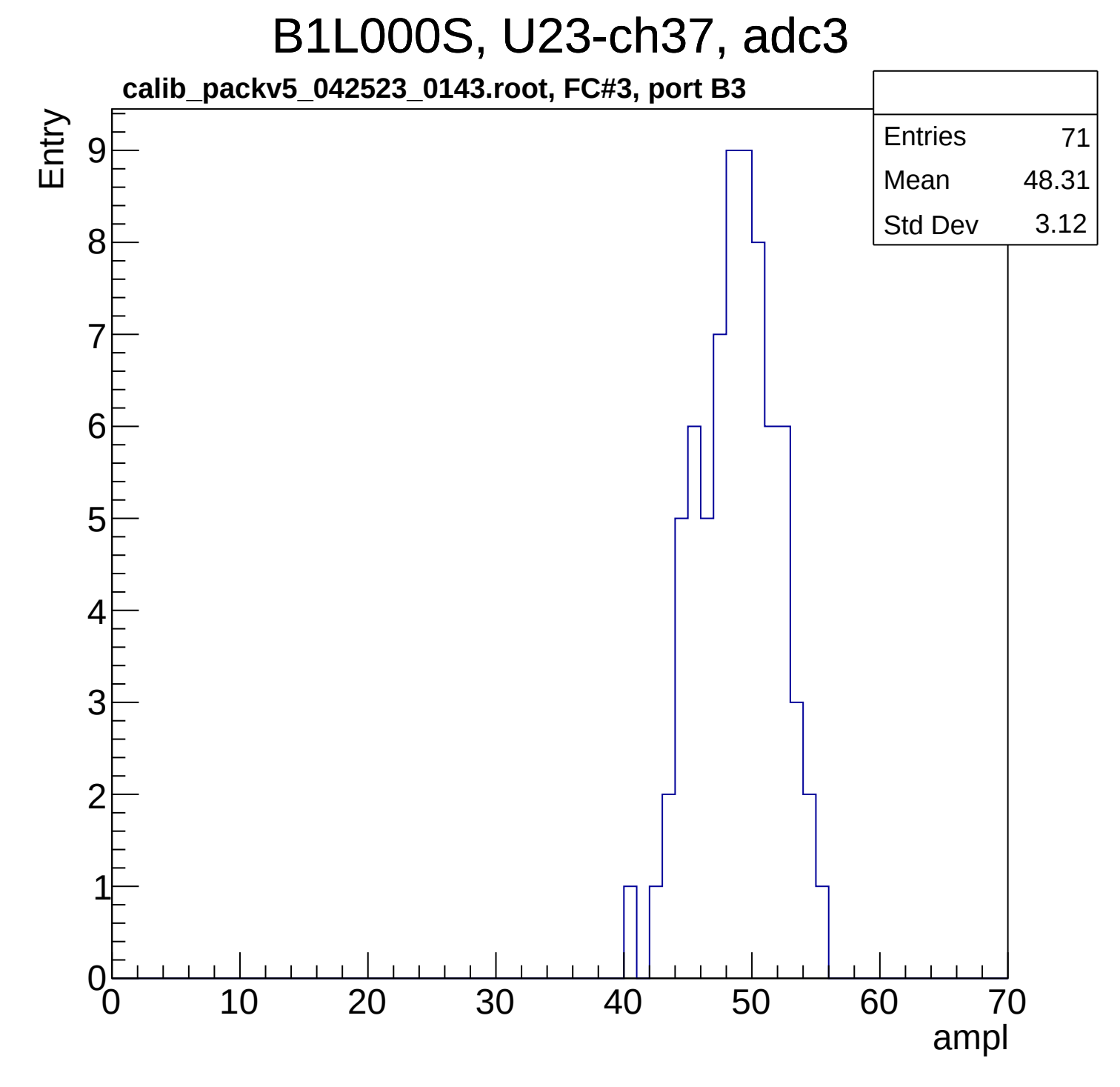
B1L000S, U23-ch37, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.31
Std Dev 3.12
Entry
ampl
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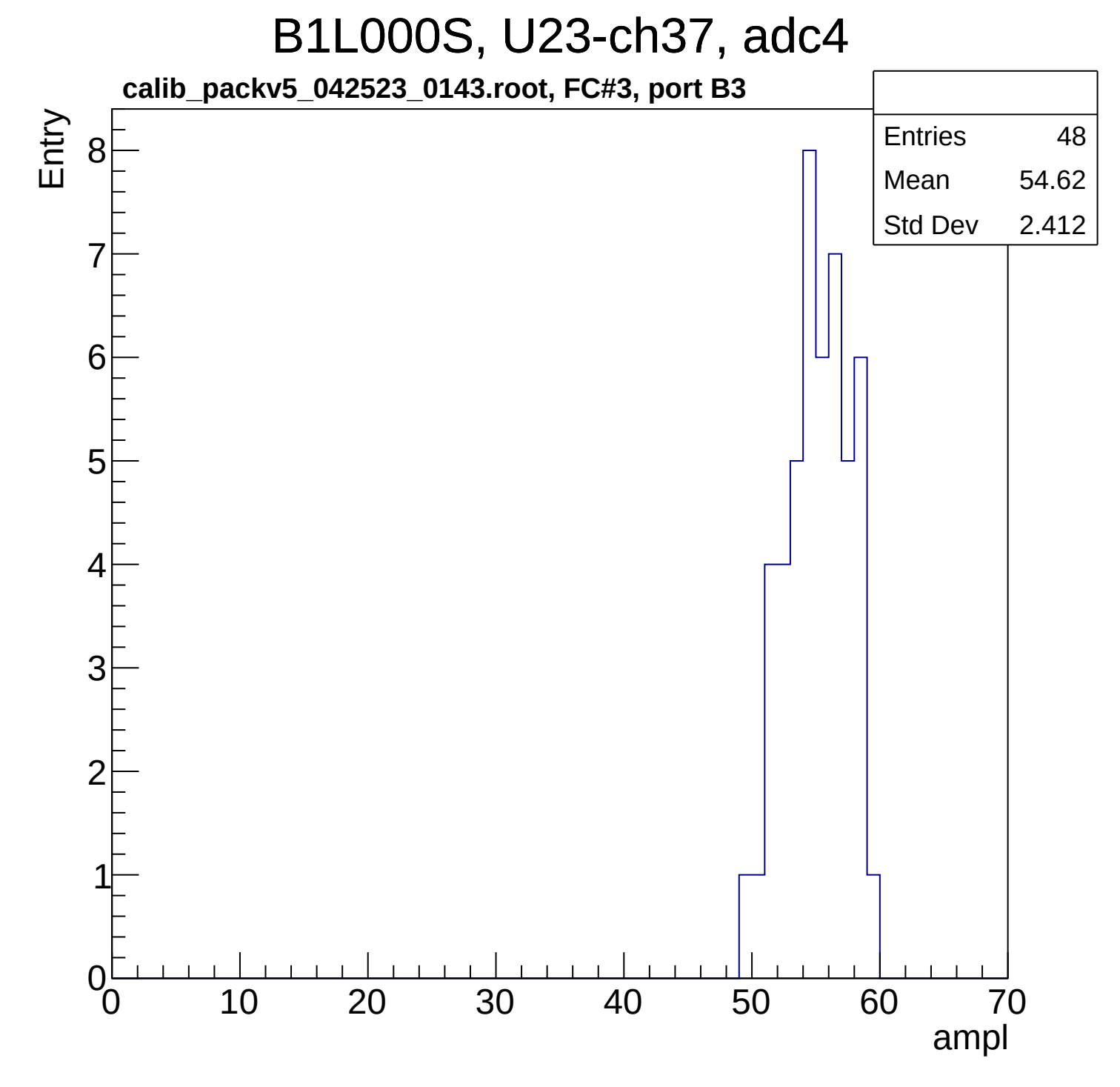
B1L000S, U23-ch37, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 54.62
Std Dev 2.412
Entry
ampl
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3
4
5
6
7
8
0
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40
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60
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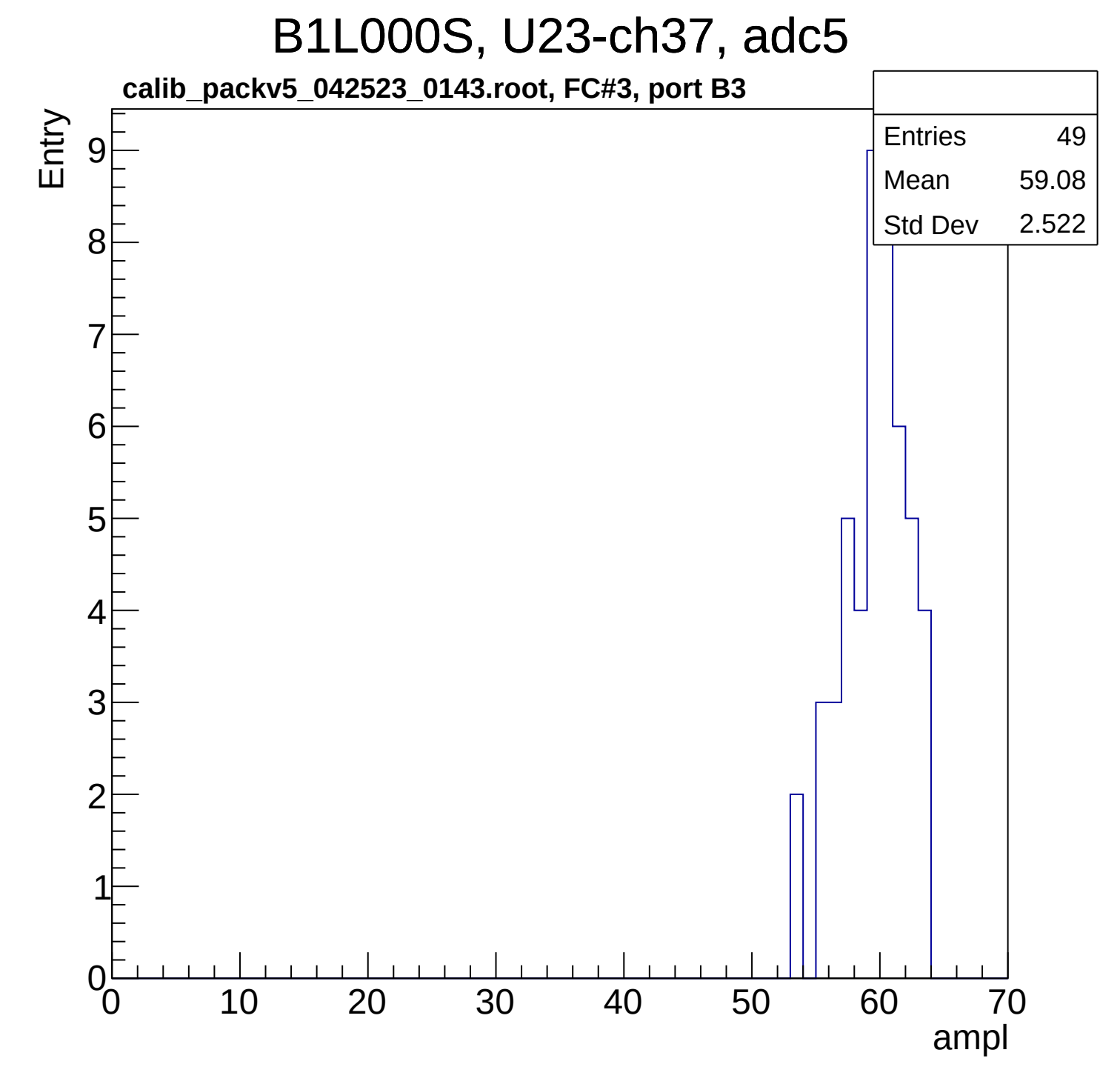
B1L000S, U23-ch37, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.08
Std Dev 2.522
Entry
ampl
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3
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5
6
7
8
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0
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60
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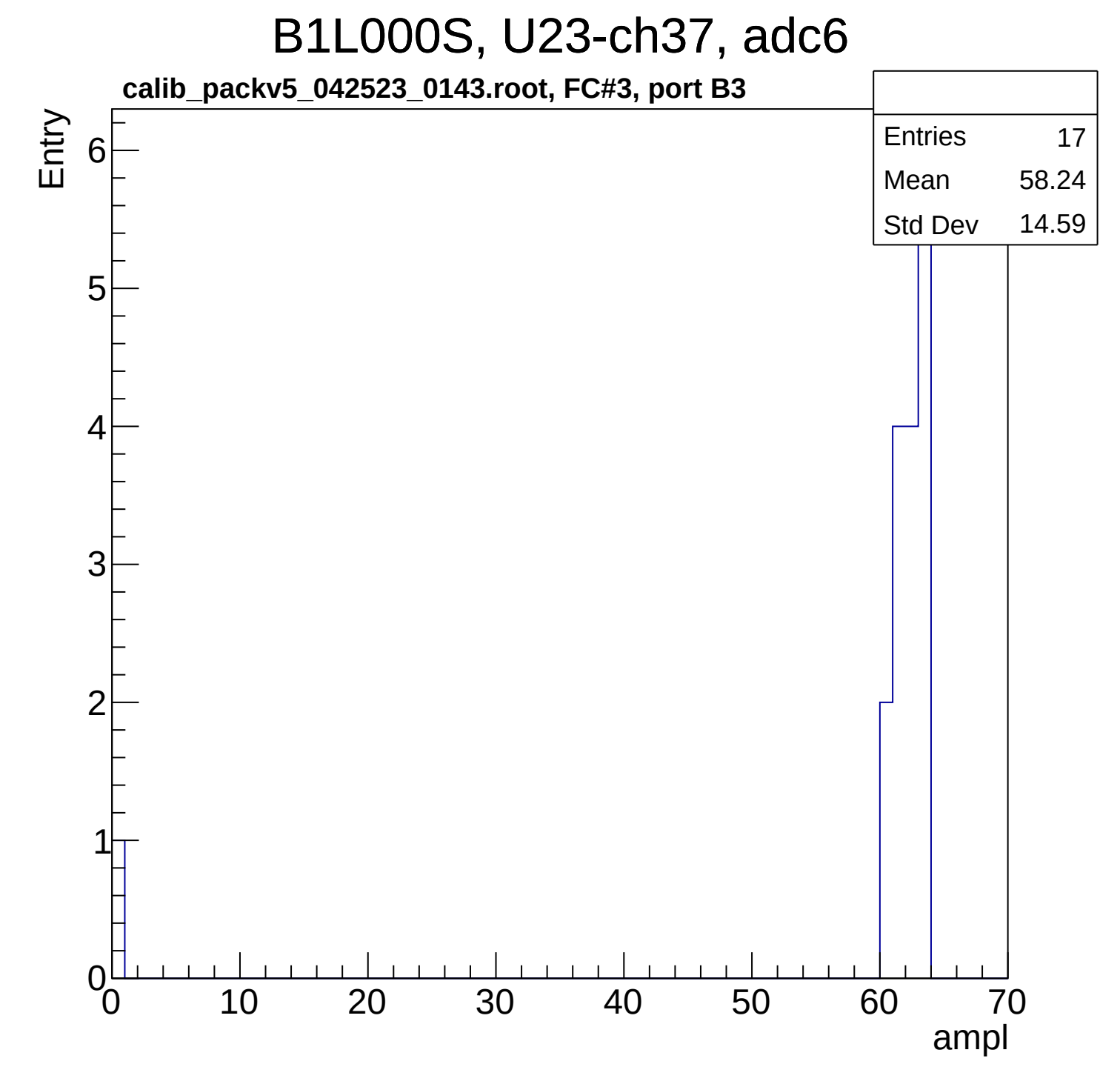
B1L000S, U23-ch37, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58.24
Std Dev 14.59
Entry
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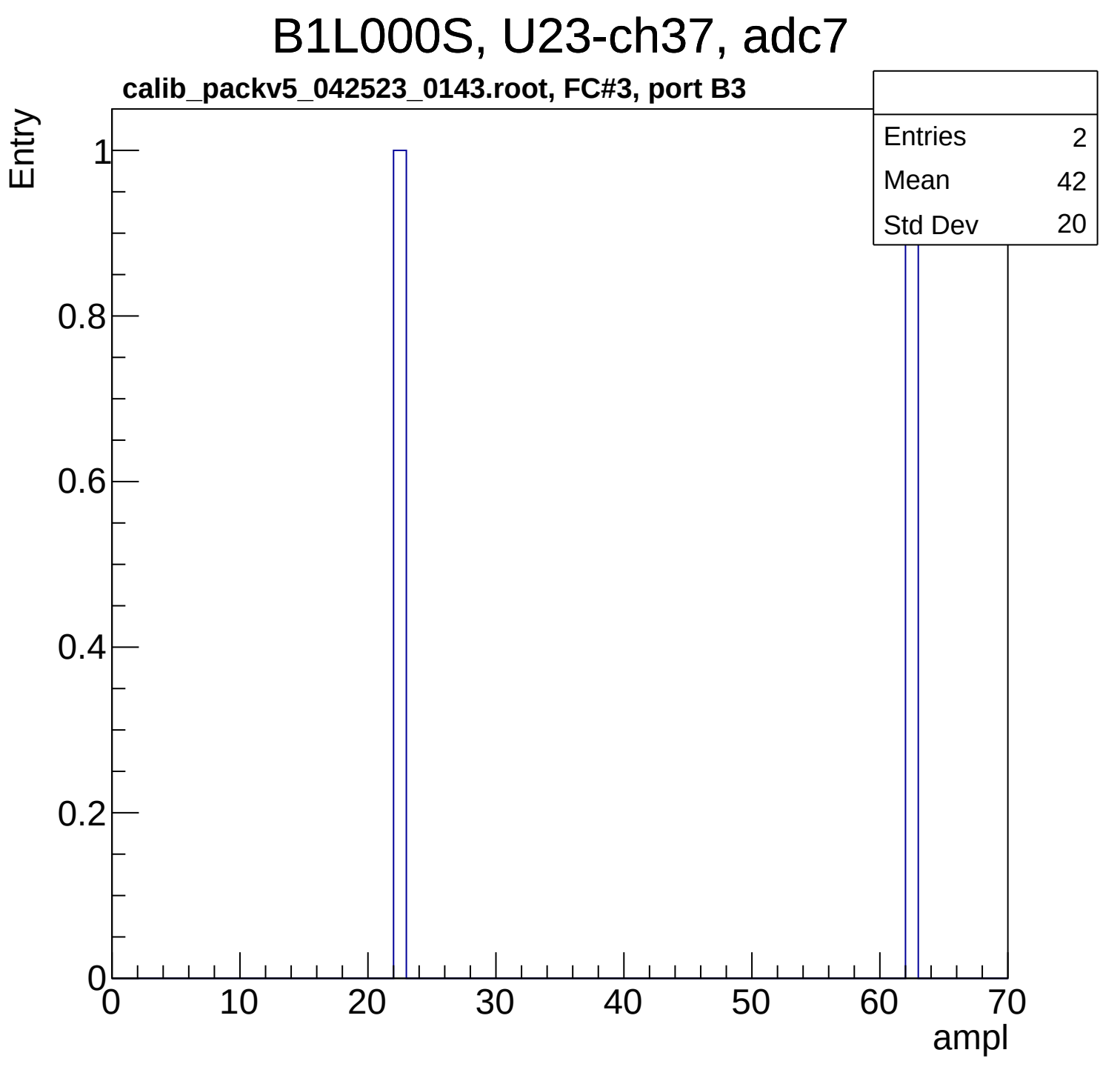
50
60
70
ampl


B1L000S, U23-ch37, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42
Std Dev 20
Entry
ampl
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0.2
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0
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40
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60
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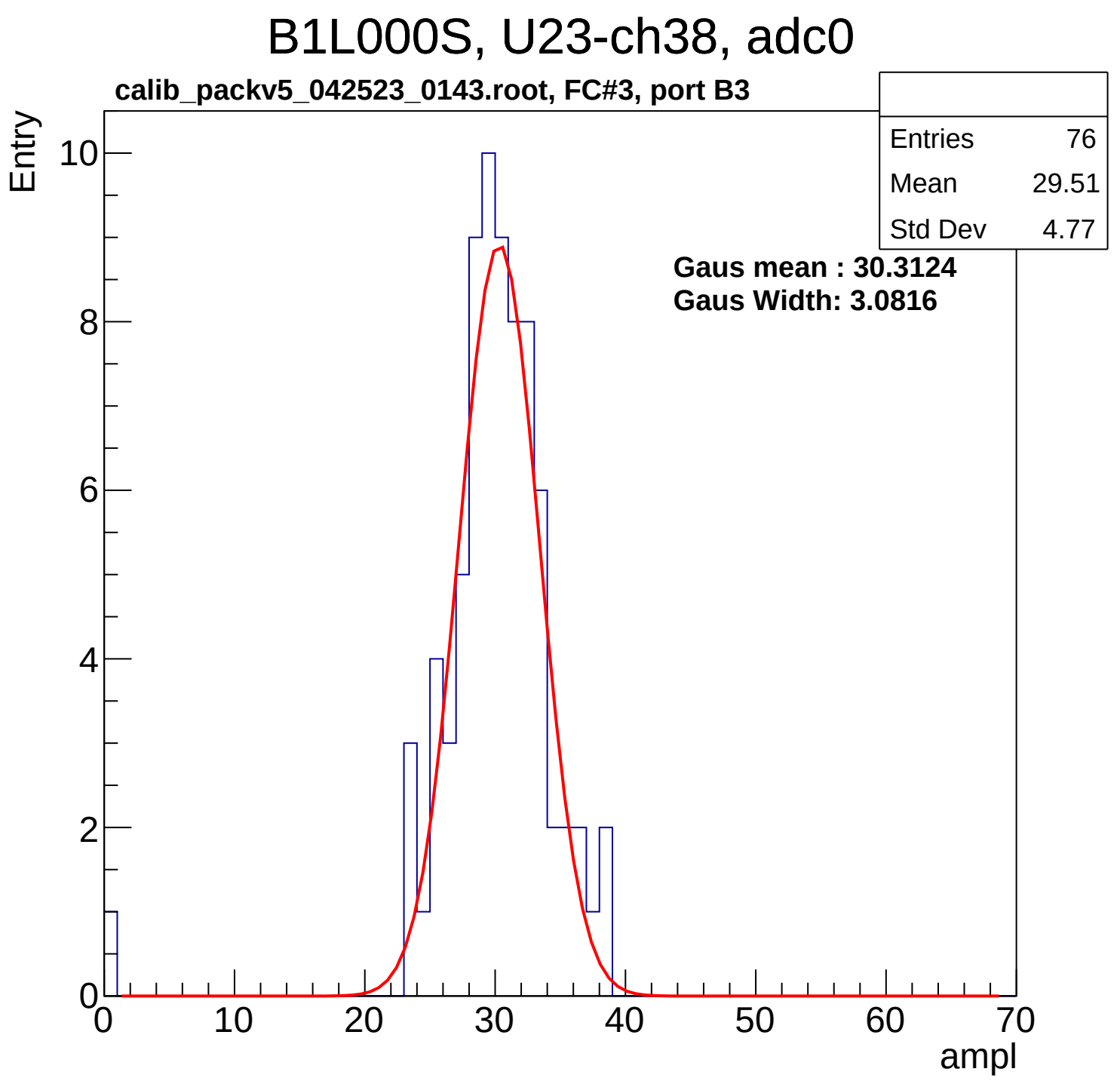
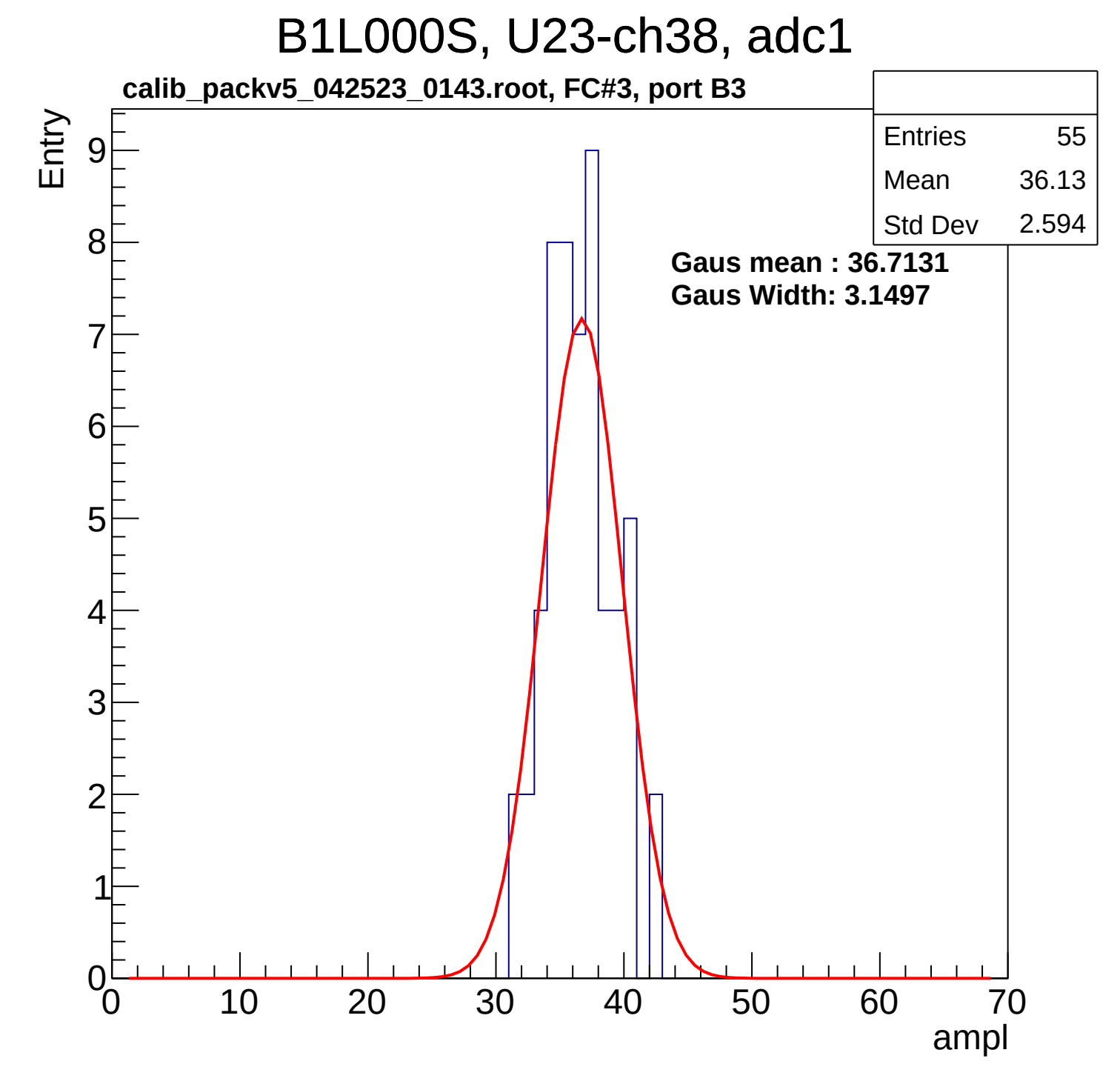

B1L000S, U23-ch38, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 29.51
Std Dev 4.77
Gaus mean : 30.3124
Gaus Width: 3.0816
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch38, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 36.13
Std Dev 2.594
Gaus mean : 36.7131
Gaus Width: 3.1497
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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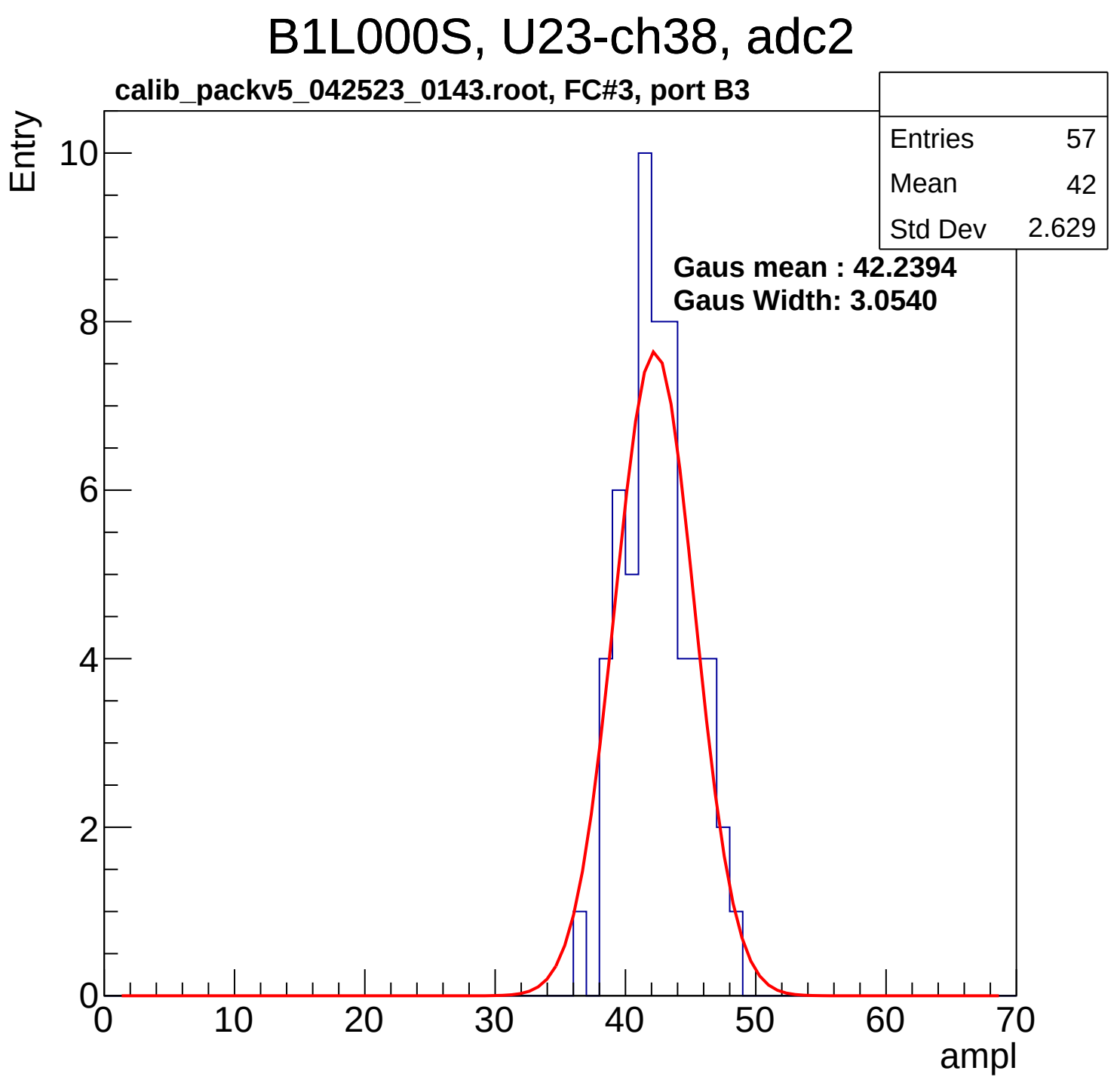
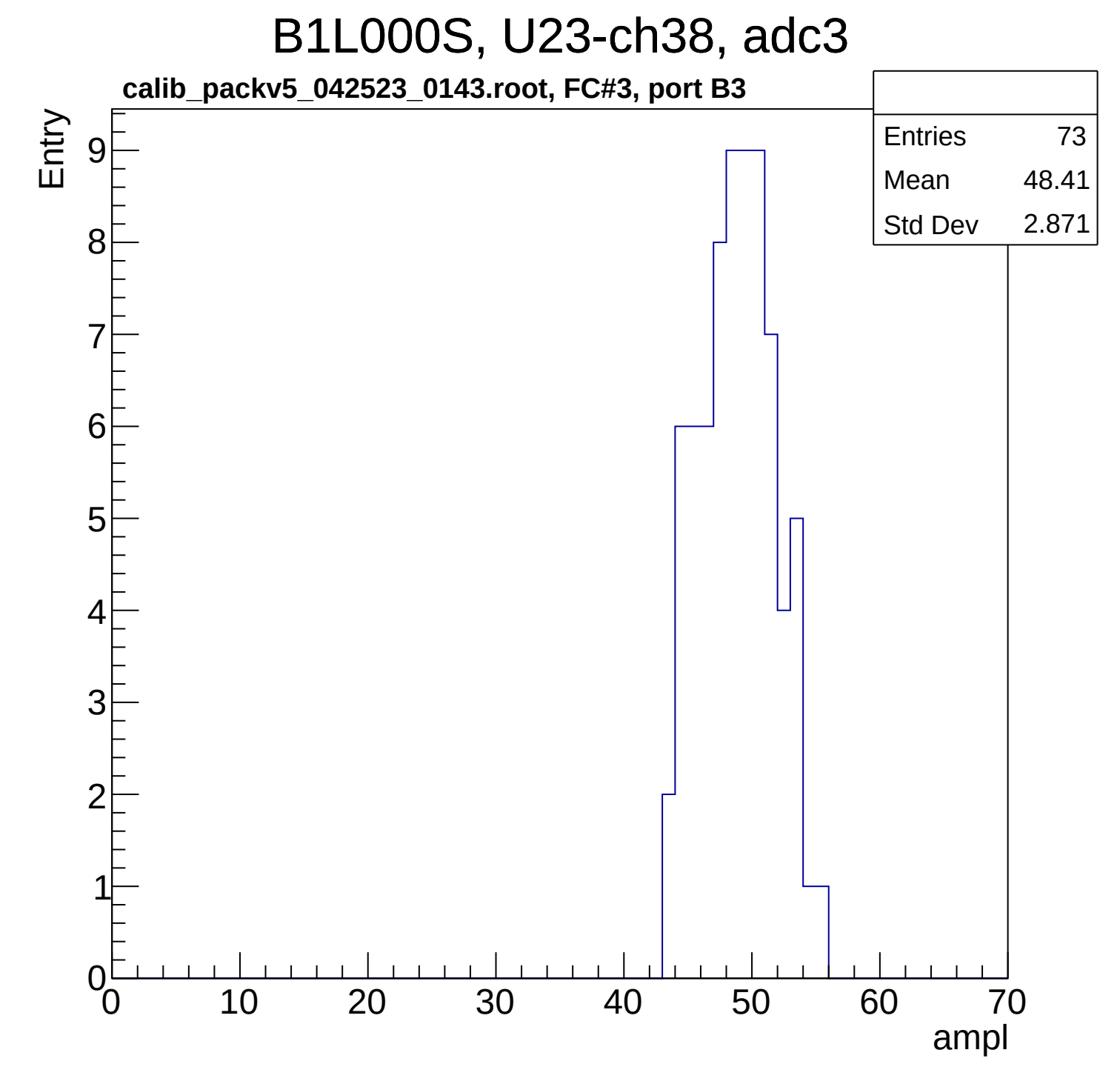

B1L000S, U23-ch38, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 42
Std Dev 2.629
Gaus mean : 42.2394
Gaus Width: 3.0540
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch38, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 48.41
Std Dev 2.871
Entry
ampl
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6
7
8
9
0
10
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40
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60
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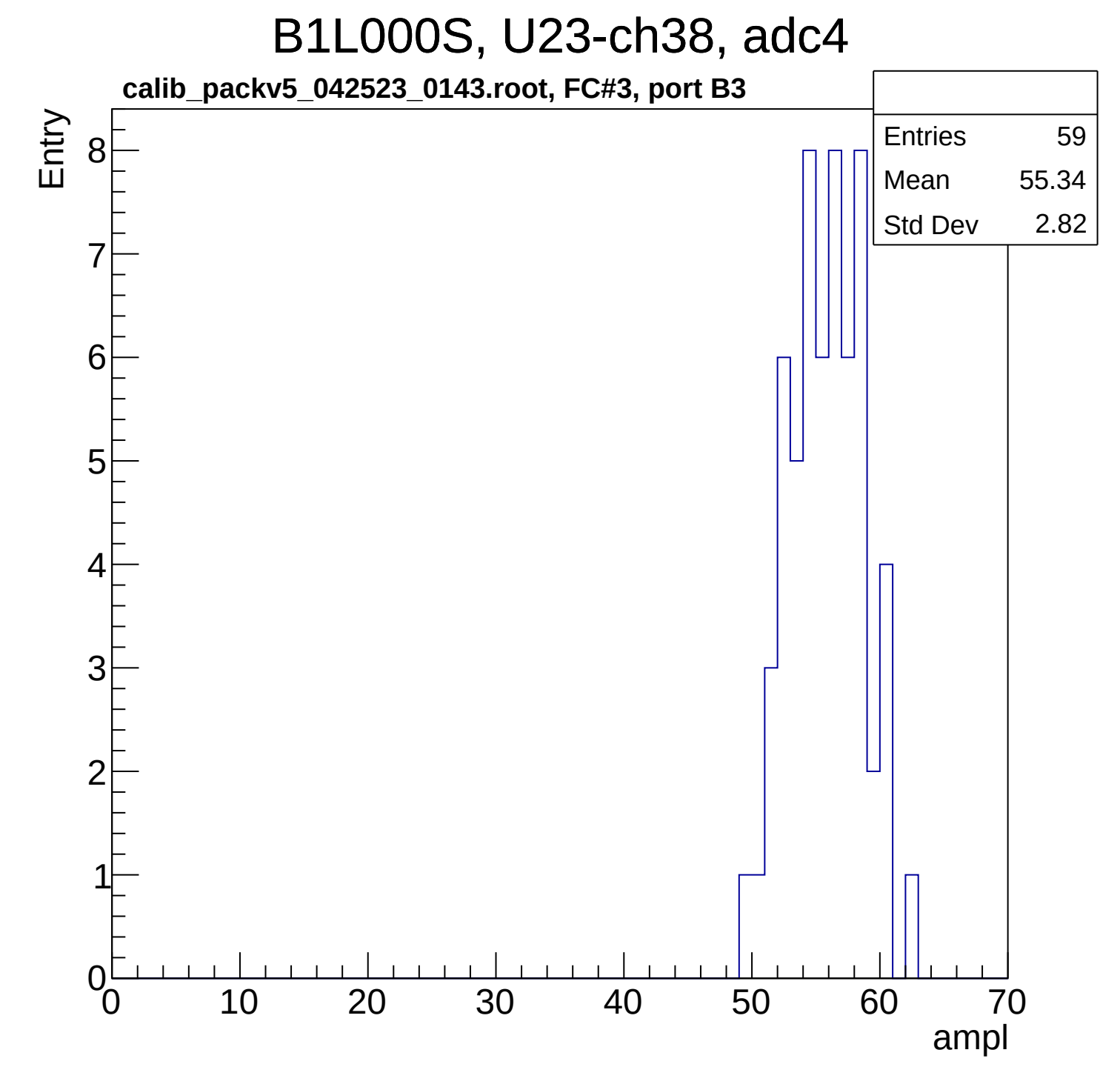
B1L000S, U23-ch38, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 55.34
Std Dev 2.82
Entry
ampl
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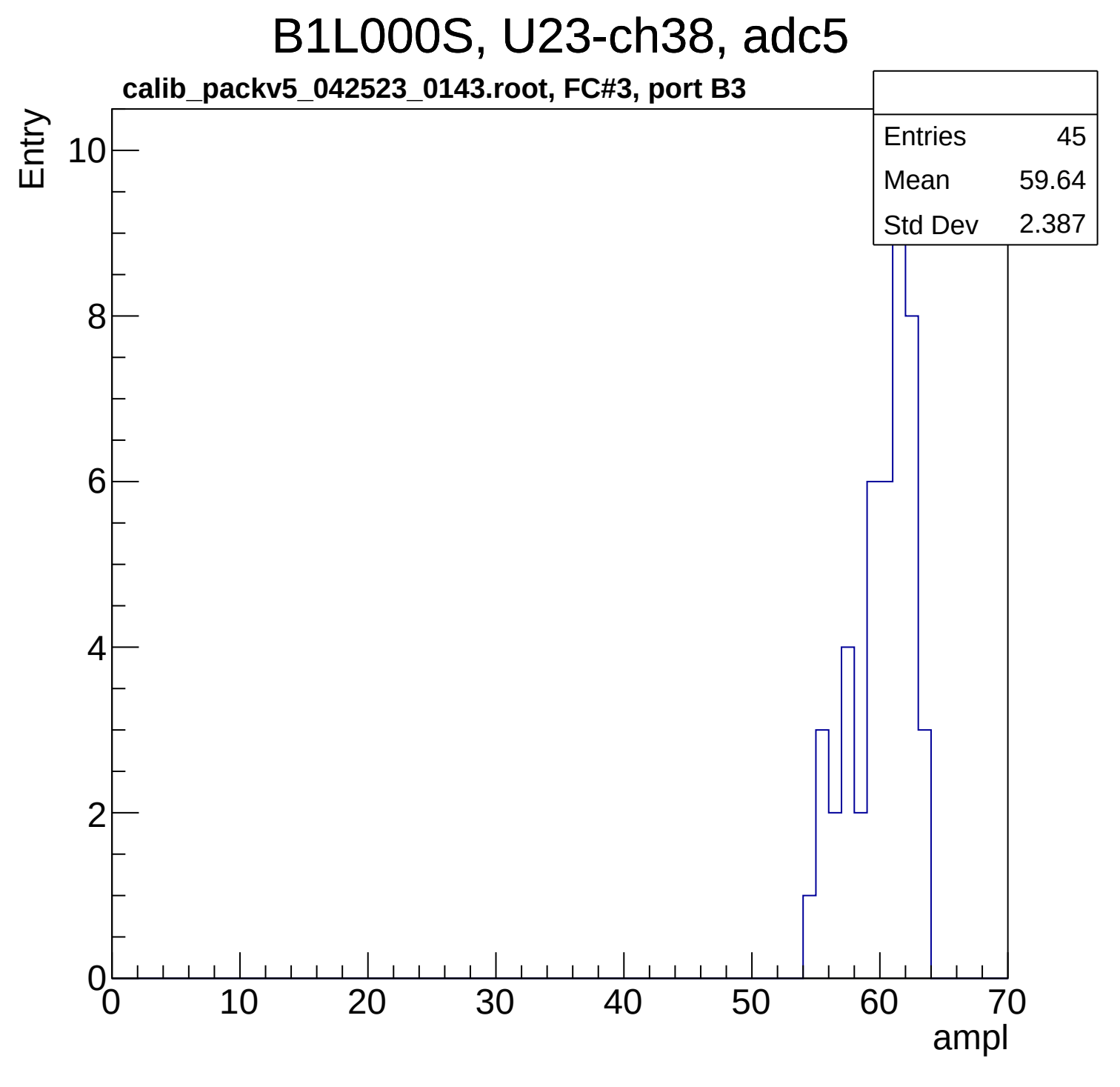
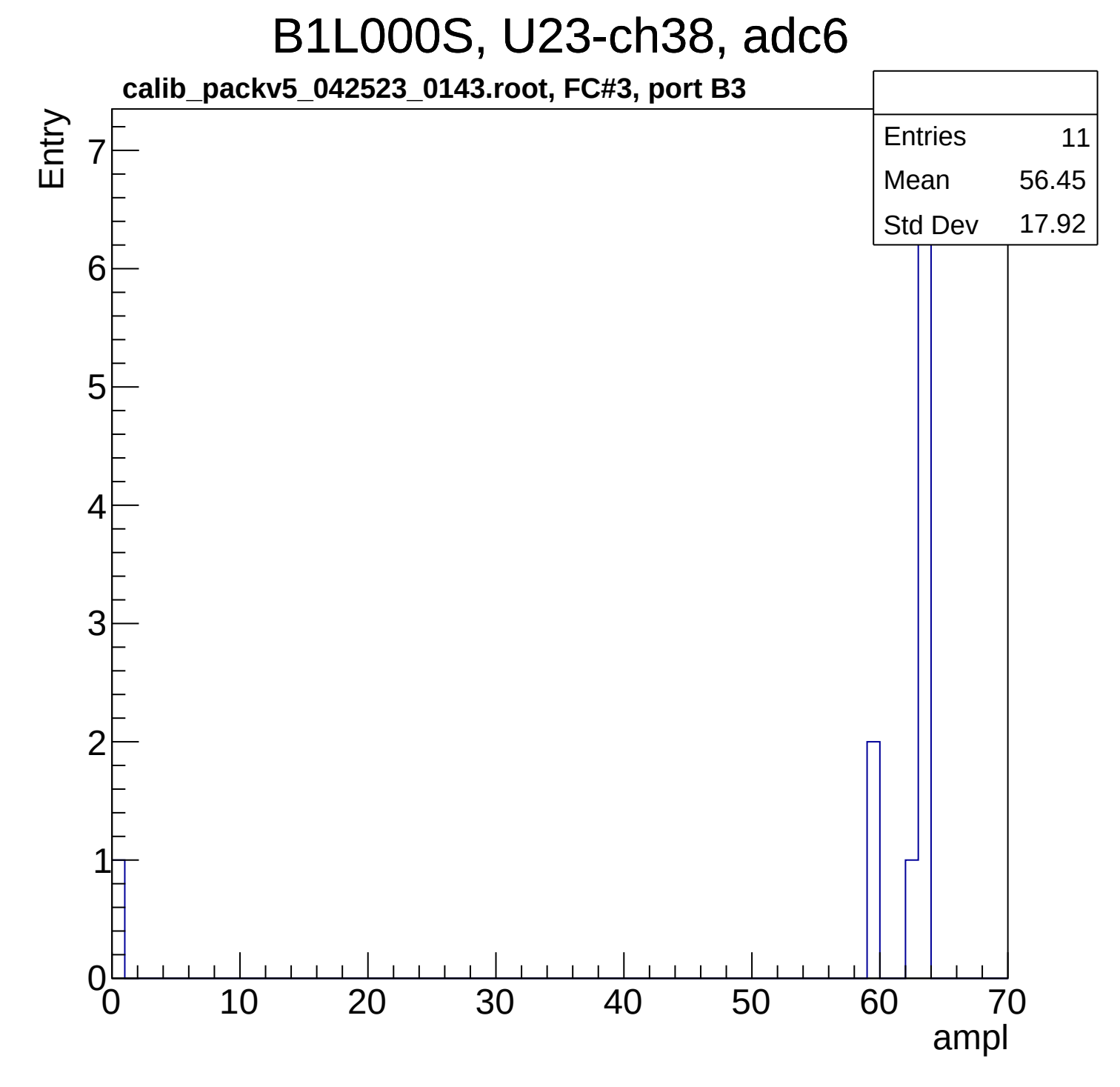
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch38, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 59.64
Std Dev 2.387
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch38, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.45
Std Dev 17.92
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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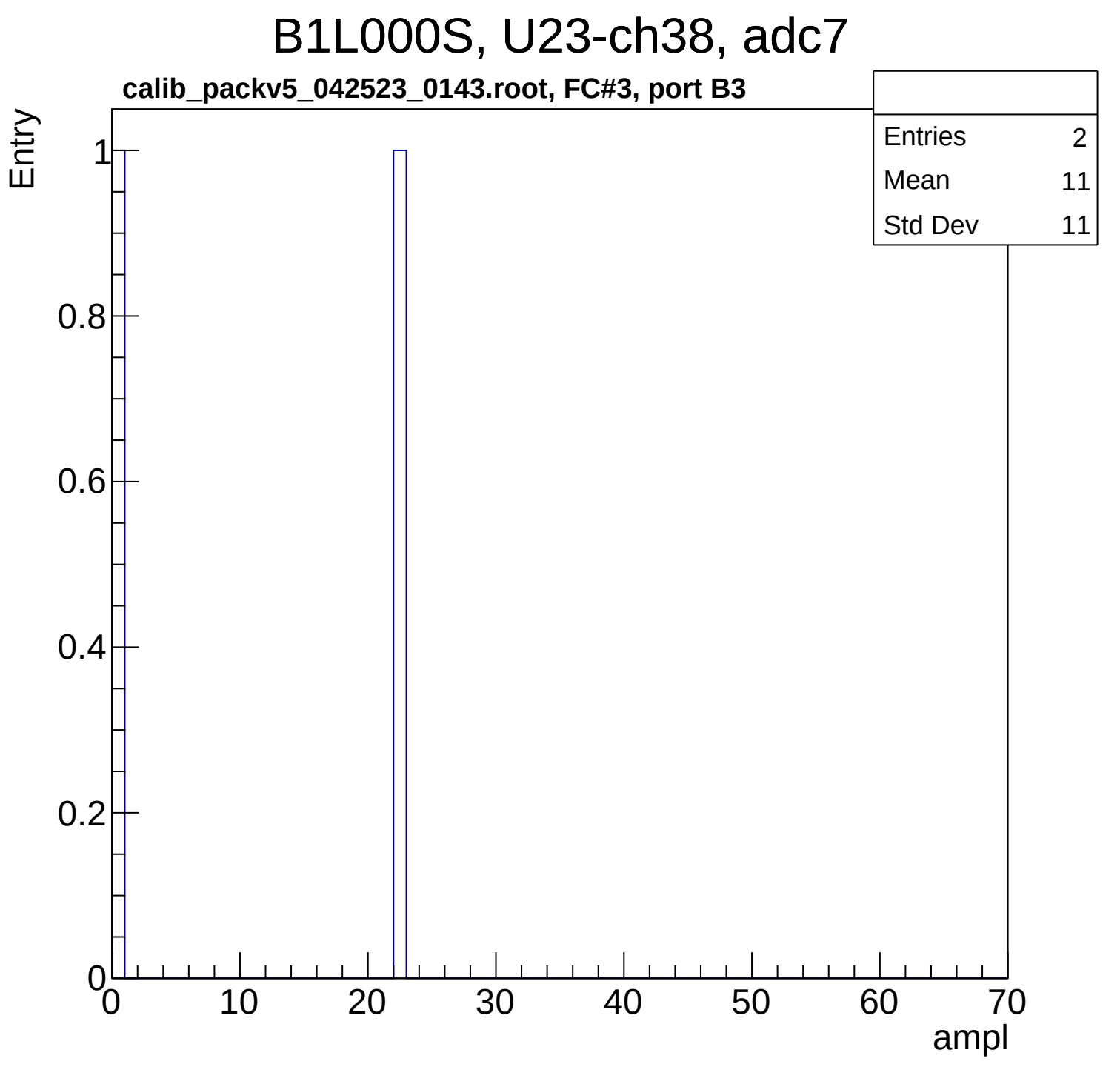
B1L000S, U23-ch38, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11
Std Dev 11
Entry
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0.6
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0
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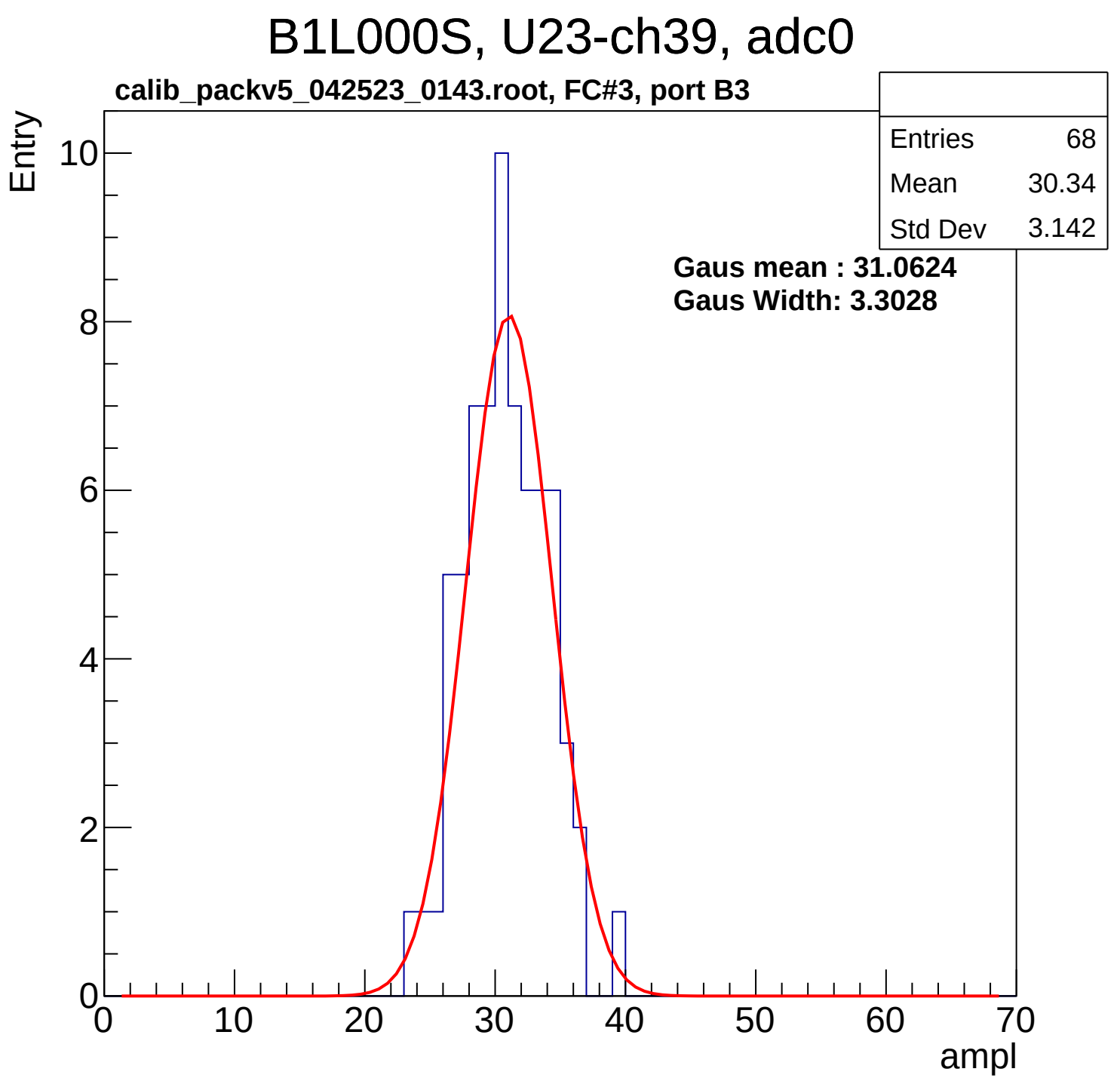
50
60
70
ampl


B1L000S, U23-ch39, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 30.34
Std Dev 3.142
Gaus mean : 31.0624
Gaus Width: 3.3028
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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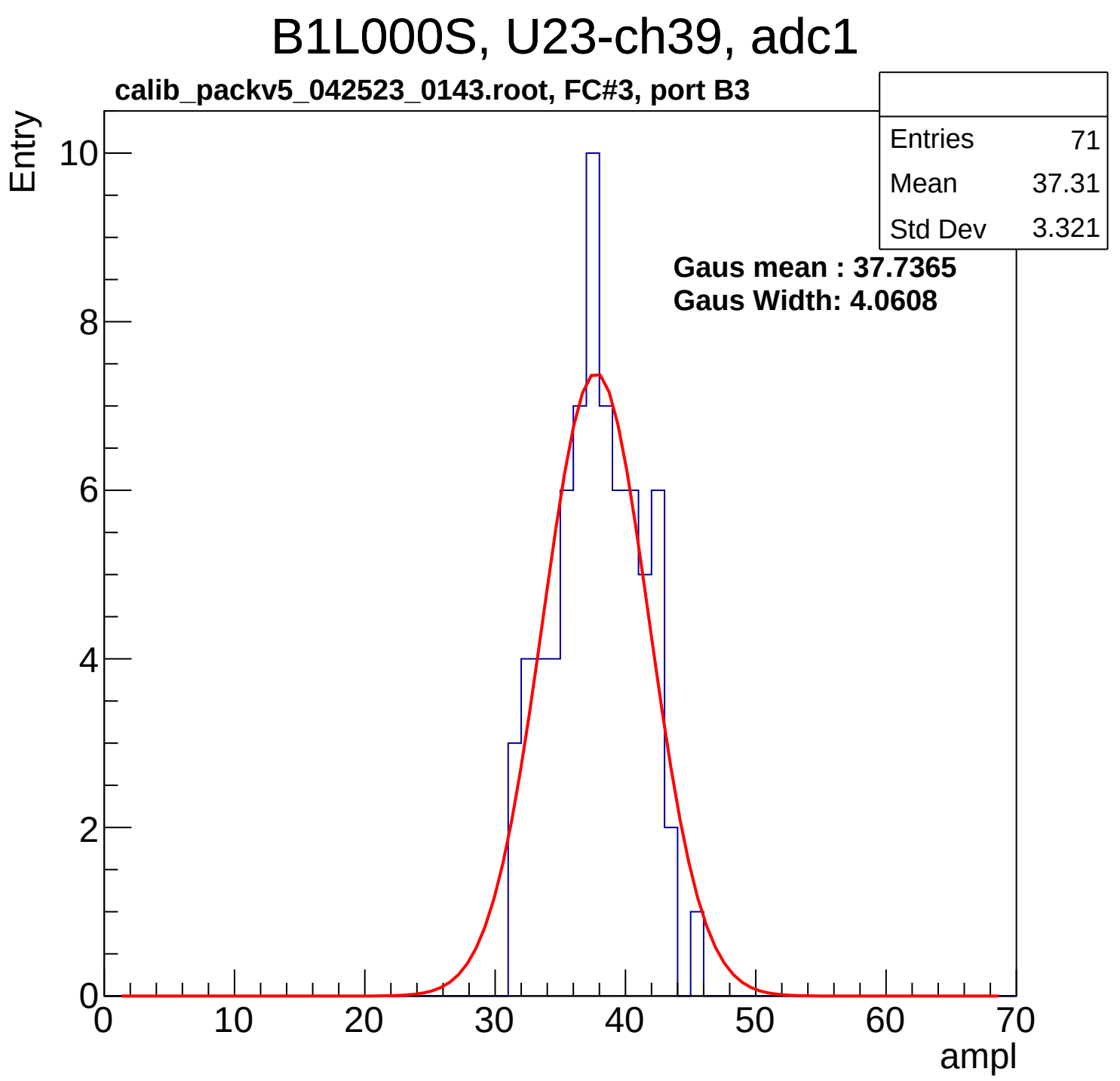
B1L000S, U23-ch39, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 37.31
Std Dev 3.321
Gaus mean : 37.7365
Gaus Width: 4.0608
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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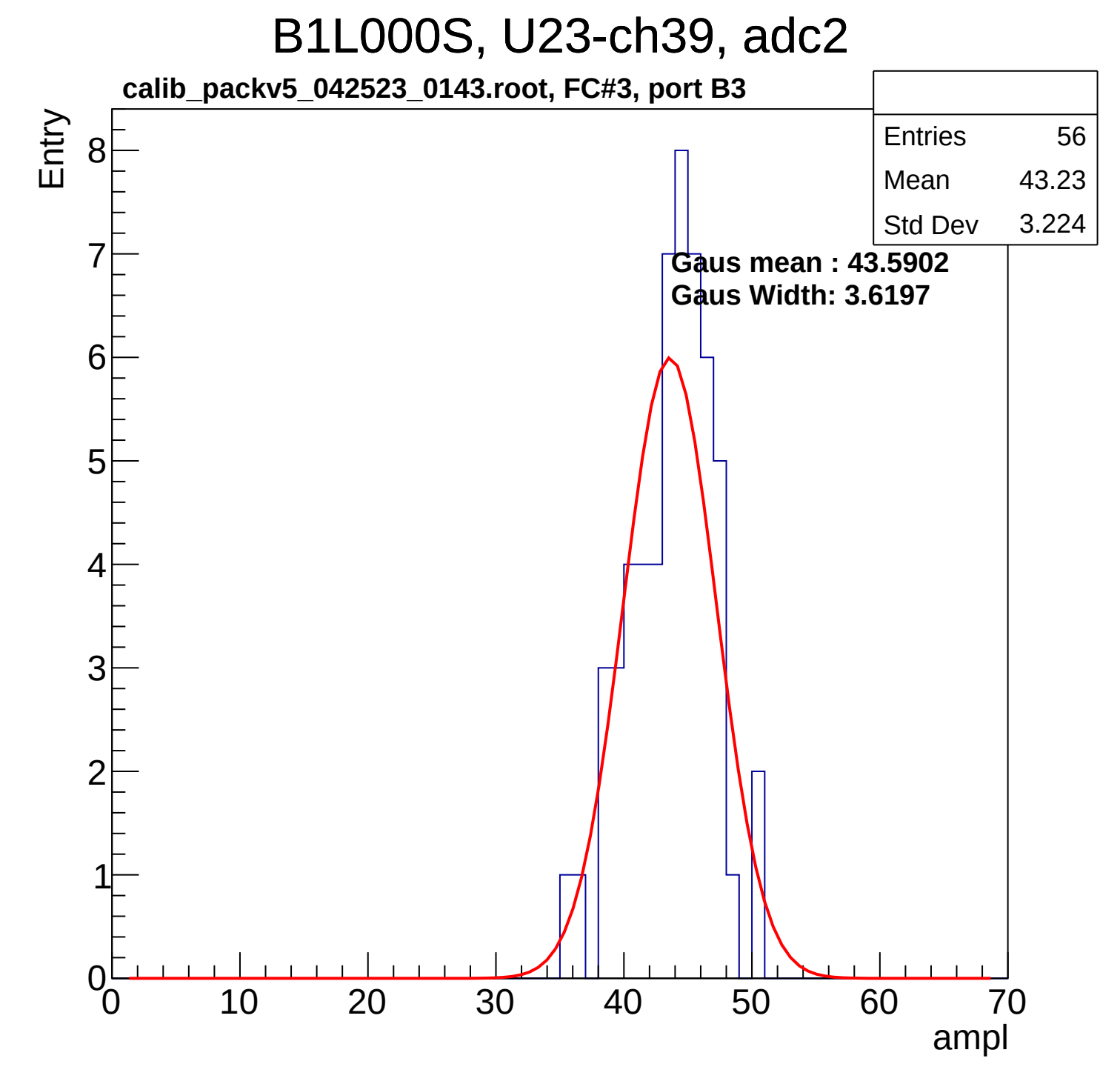
B1L000S, U23-ch39, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 43.23
Std Dev 3.224
Gaus mean : 43.5902
Gaus Width: 3.6197
Entry
ampl
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1
2
3
4
5
6
7
8
0
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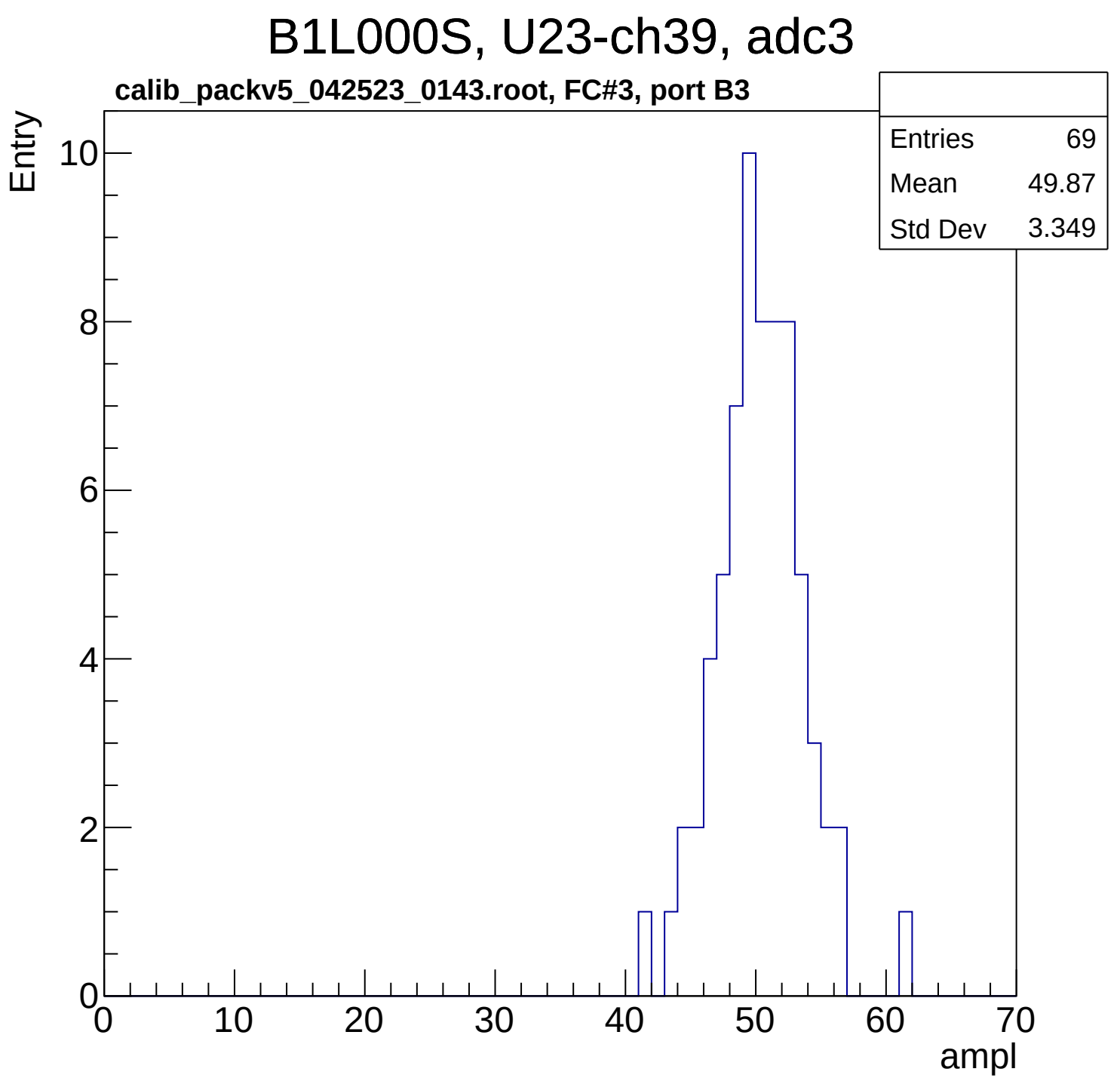
B1L000S, U23-ch39, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 49.87
Std Dev 3.349
Entry
ampl
0
2
4
6
8
10
0
10
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40
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60
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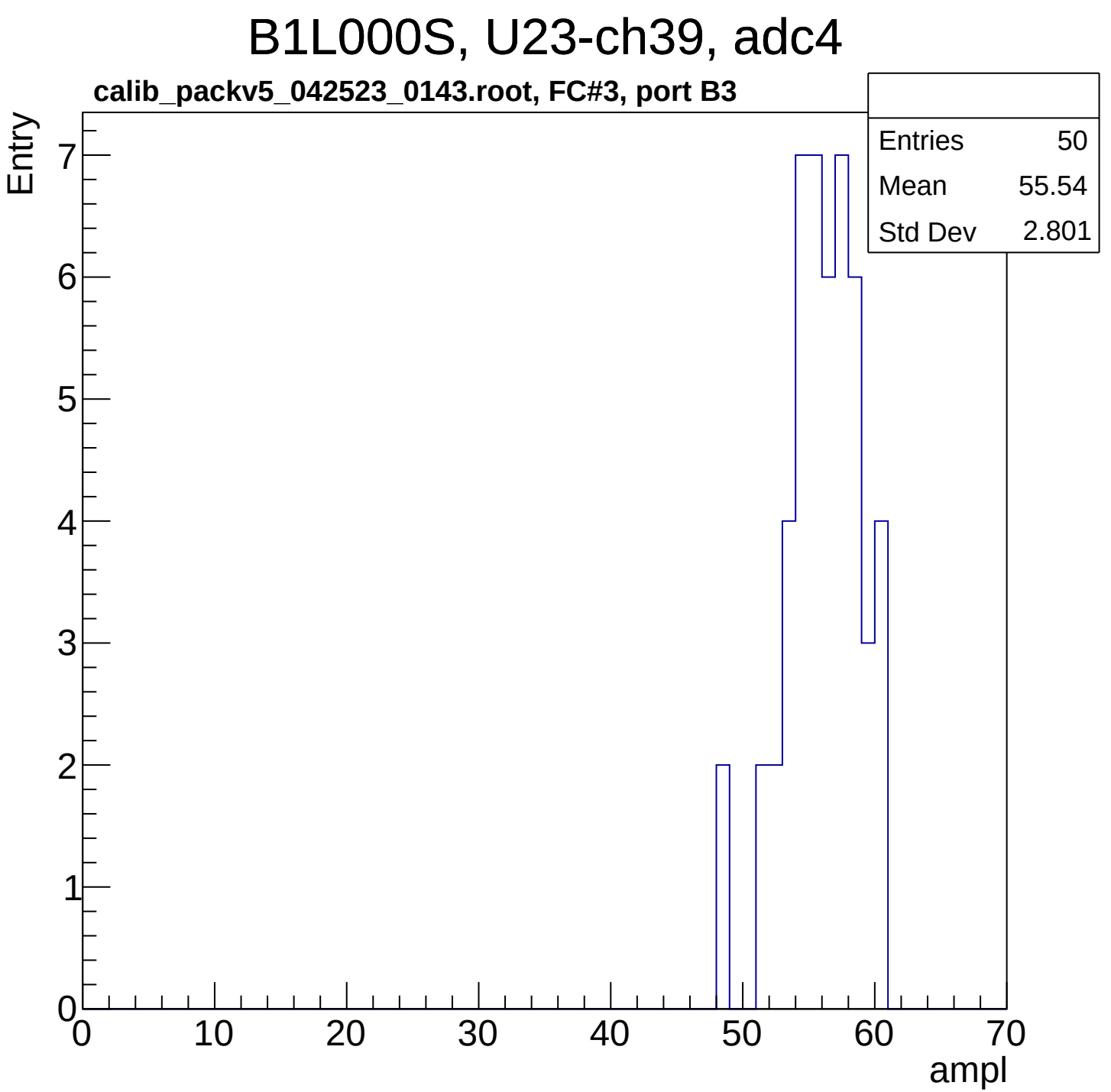
B1L000S, U23-ch39, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 55.54
Std Dev 2.801
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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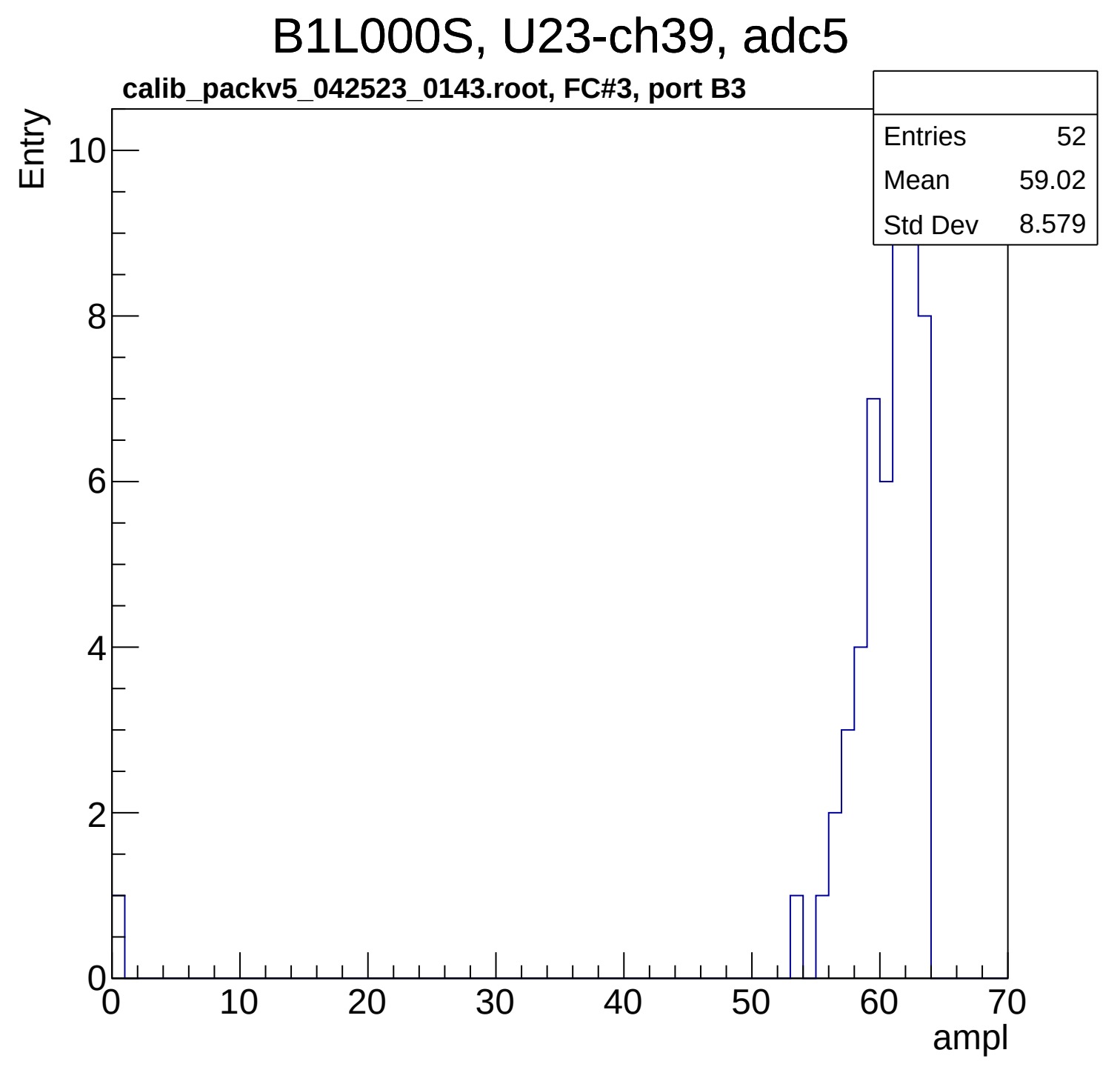
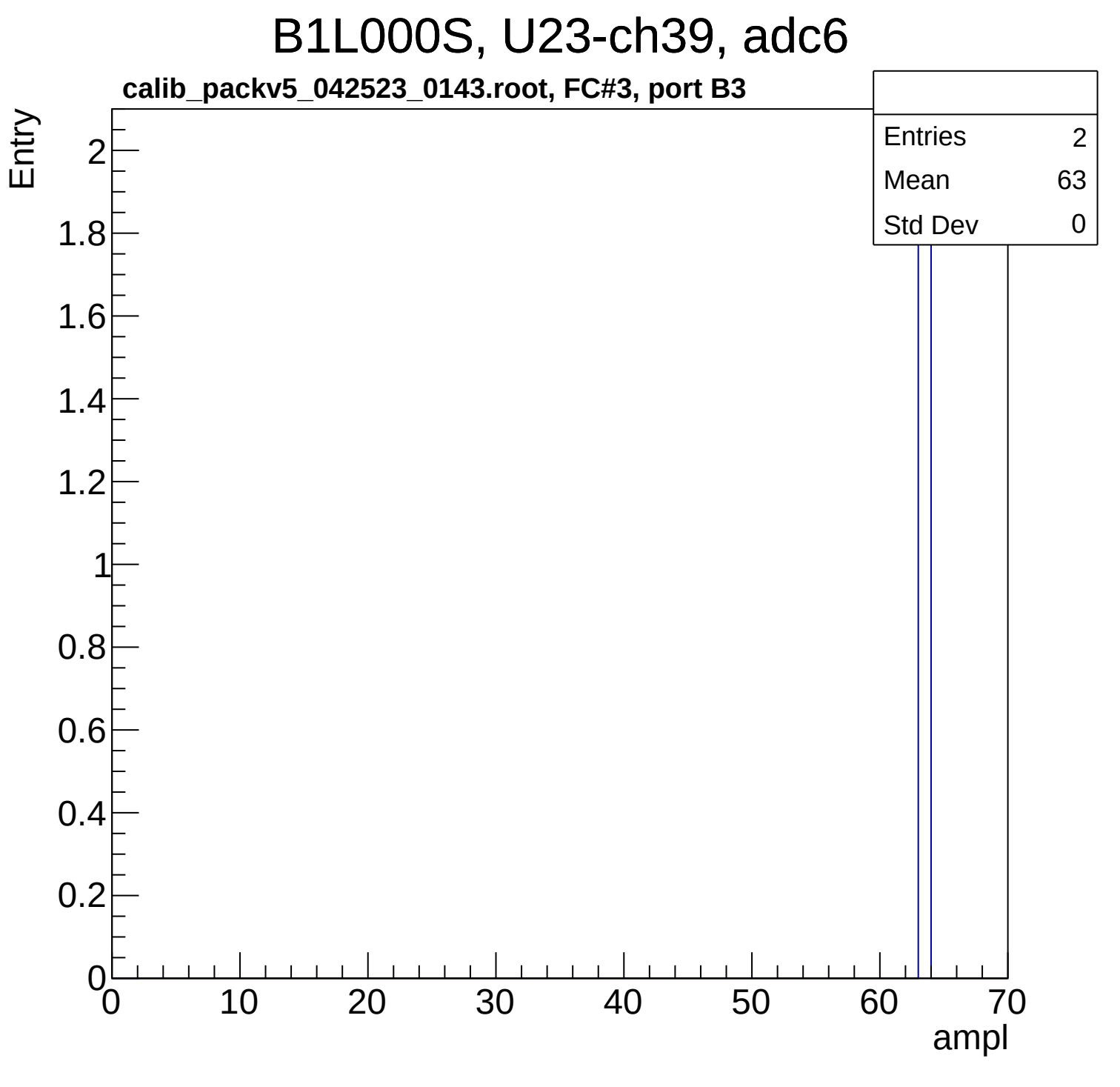
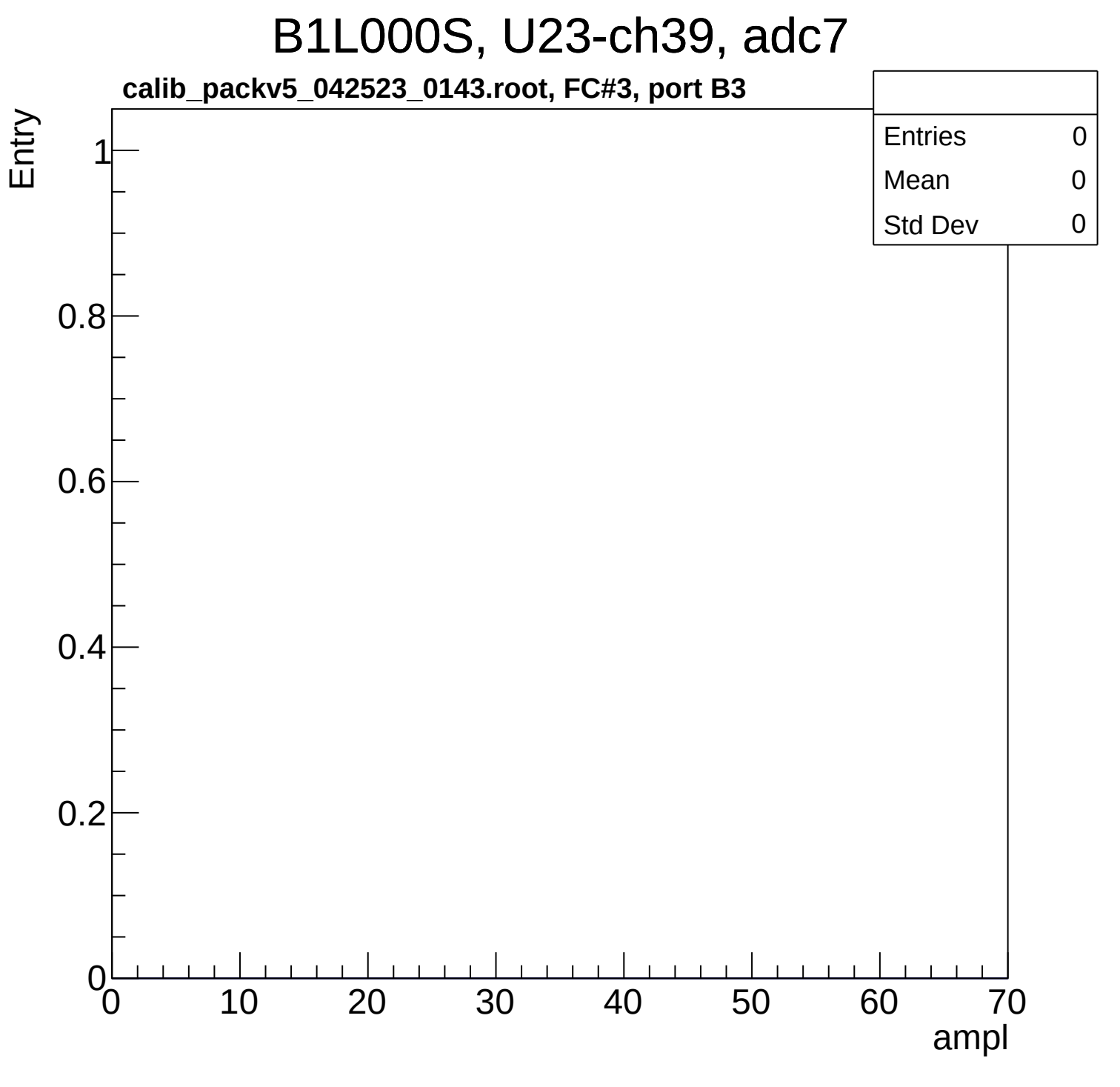

B1L000S, U23-ch39, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.02
Std Dev 8.579
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch39, adc6
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
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch39, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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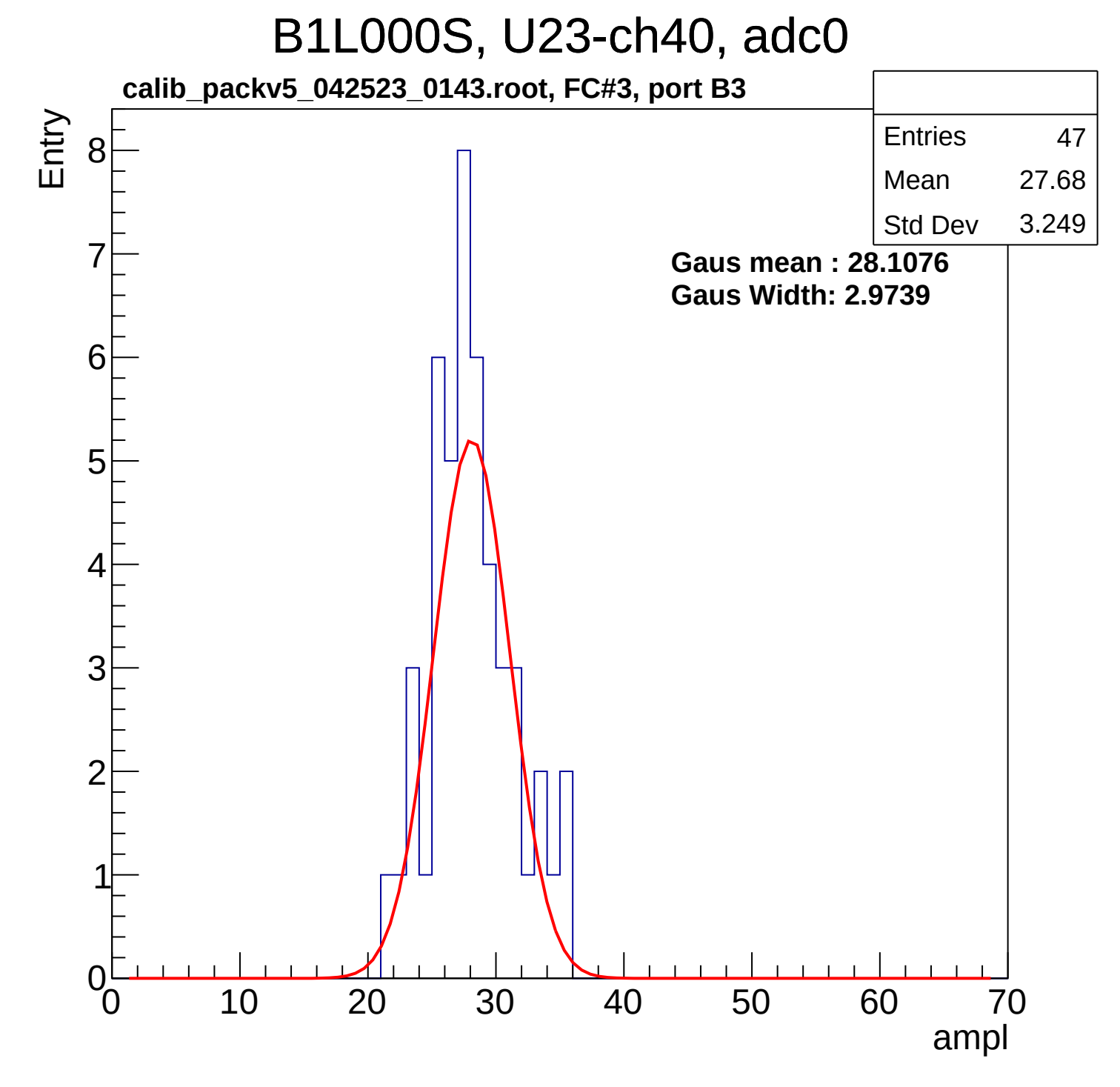
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch40, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 27.68
Std Dev 3.249
Gaus mean : 28.1076
Gaus Width: 2.9739
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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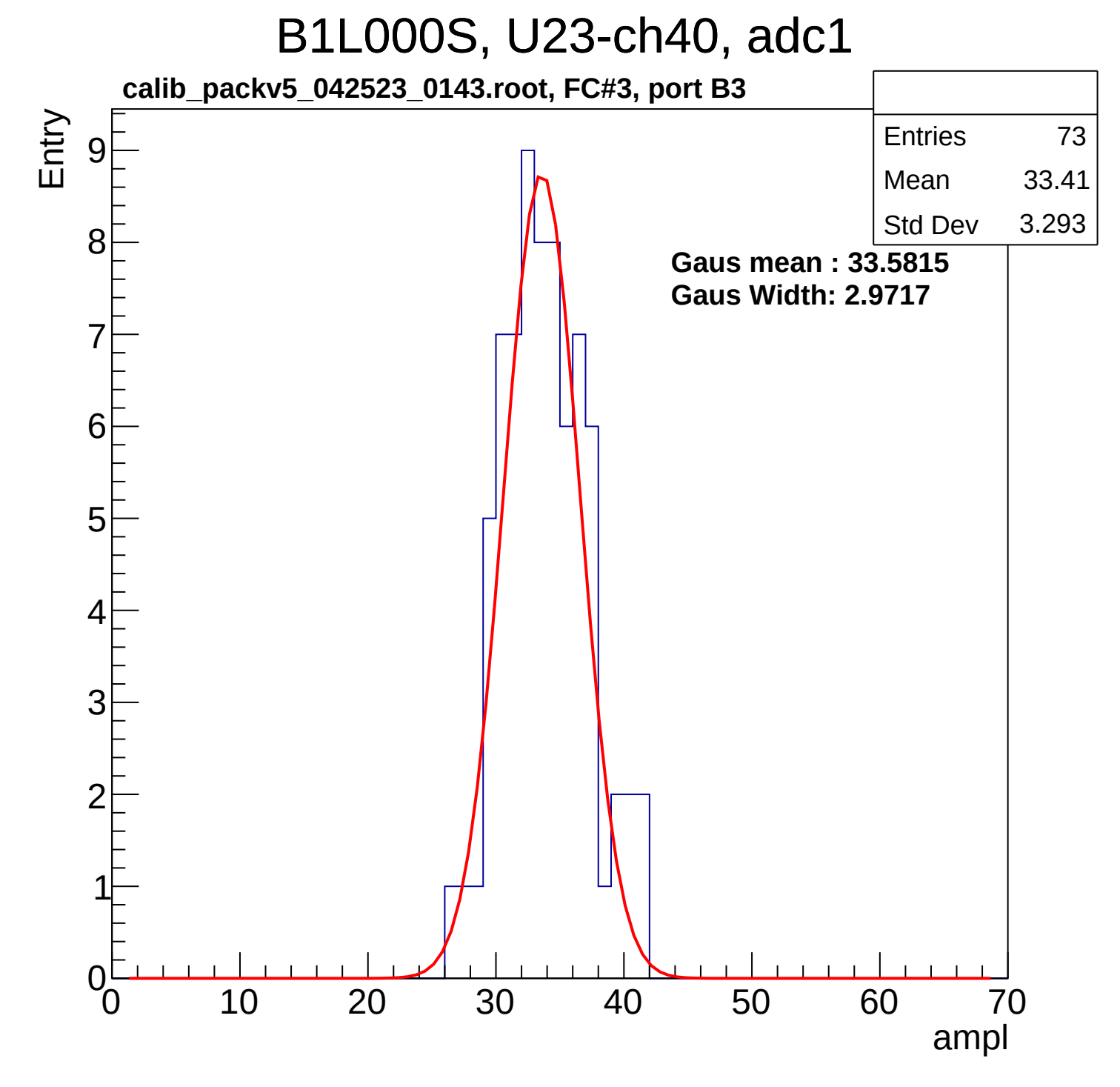
B1L000S, U23-ch40, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 33.41
Std Dev 3.293
Gaus mean : 33.5815
Gaus Width: 2.9717
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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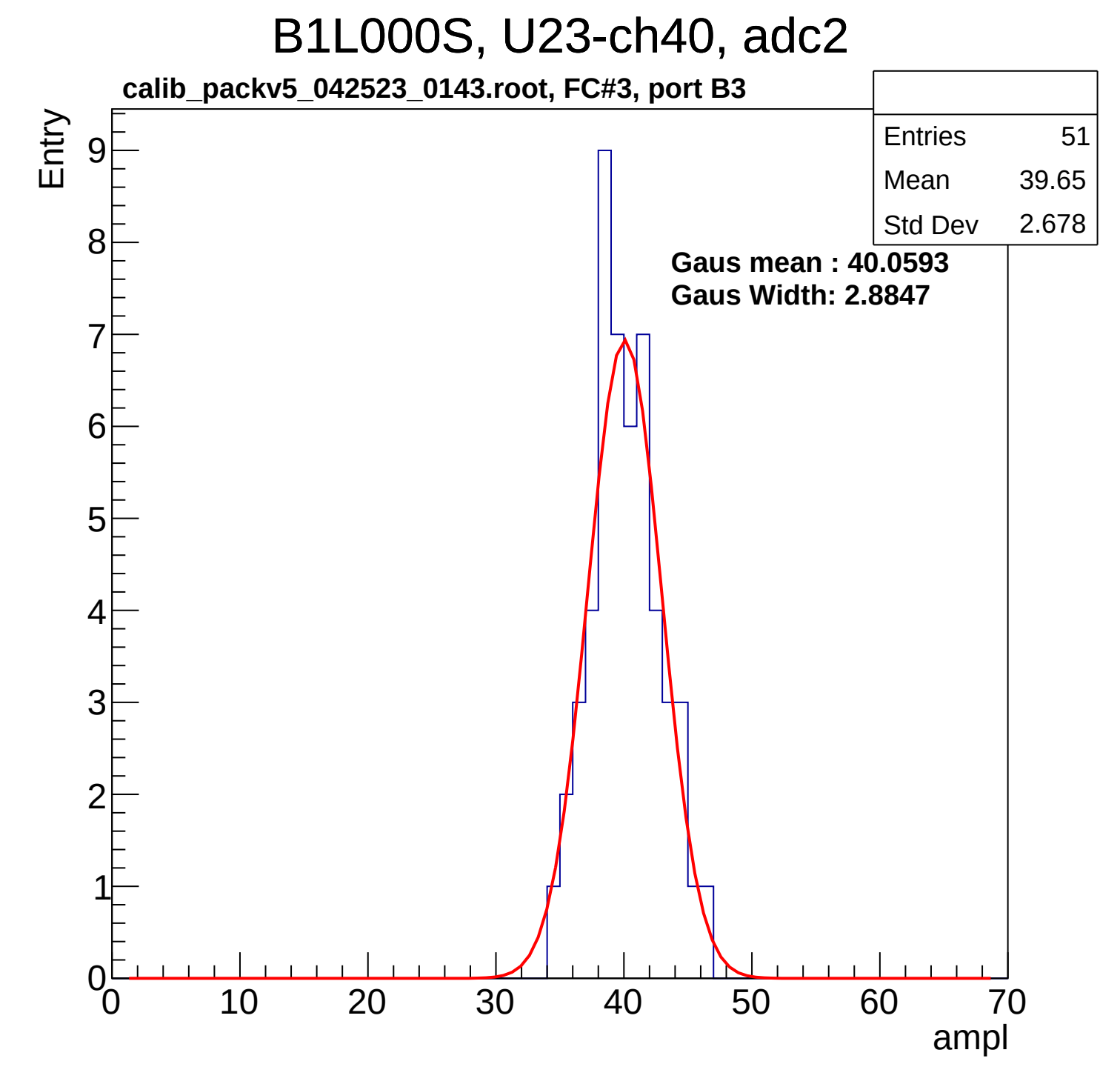
B1L000S, U23-ch40, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 39.65
Std Dev 2.678
Gaus mean : 40.0593
Gaus Width: 2.8847
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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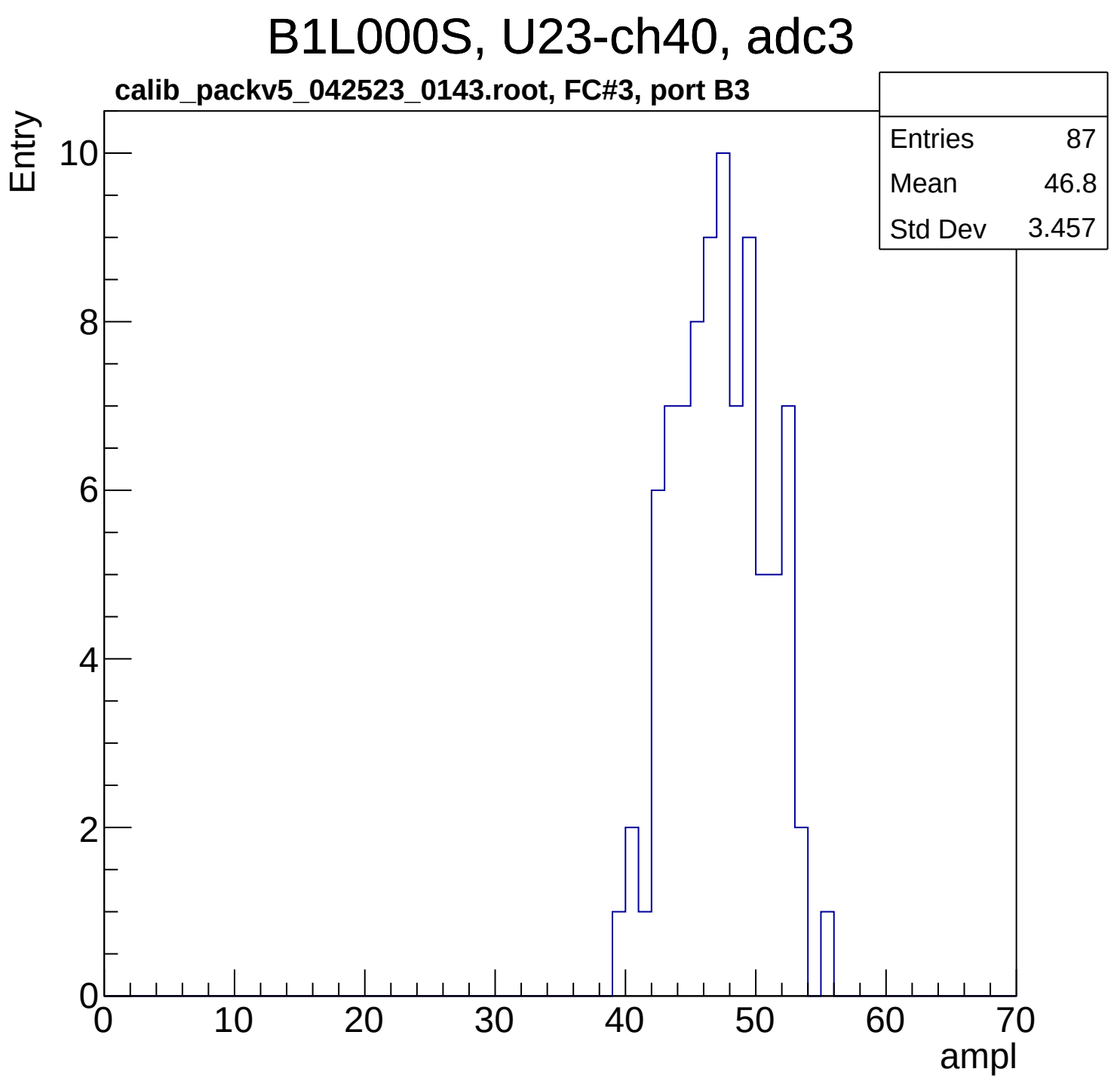
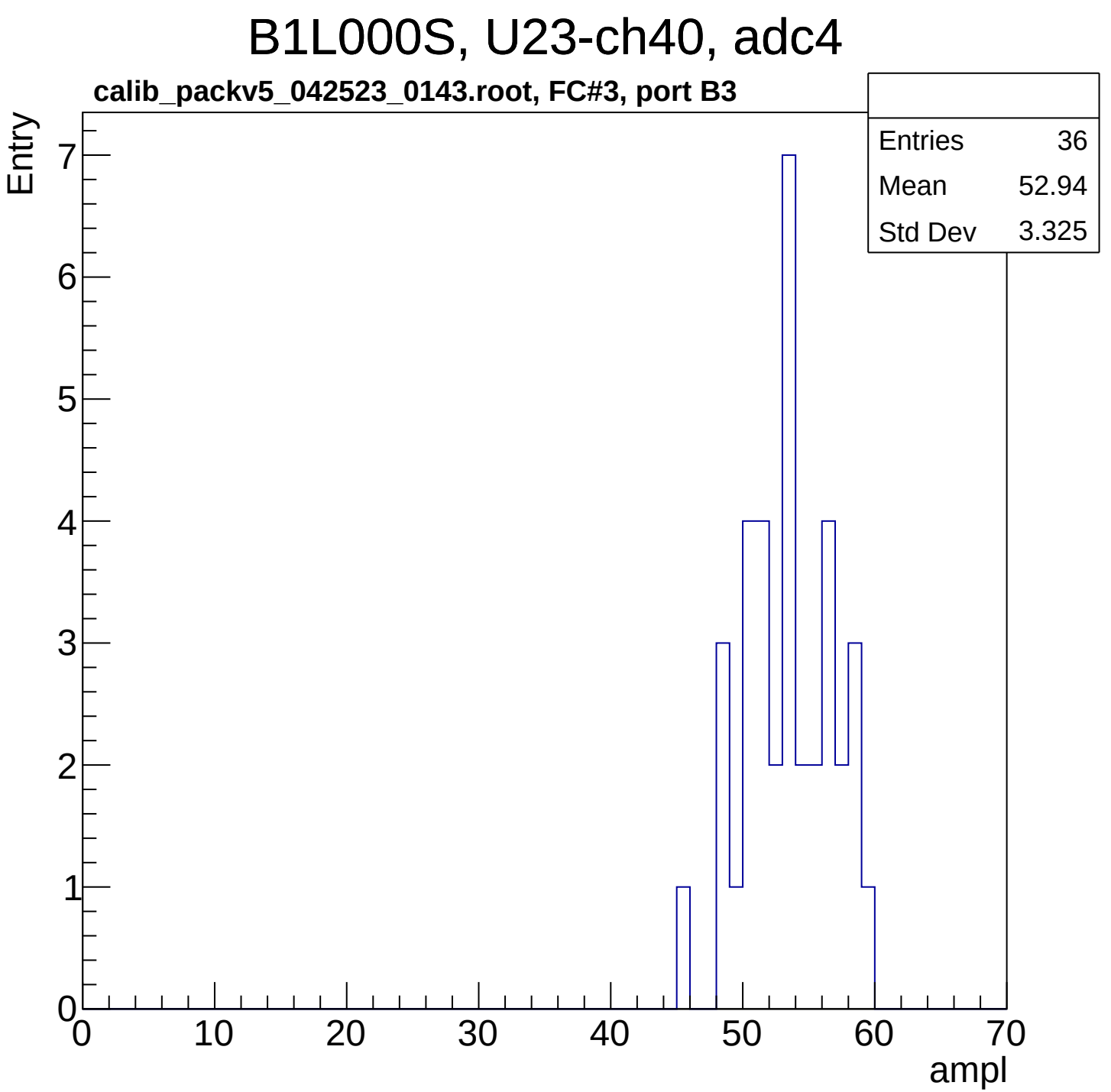

B1L000S, U23-ch40, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 87
Mean 46.8
Std Dev 3.457
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch40, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 36
Mean 52.94
Std Dev 3.325
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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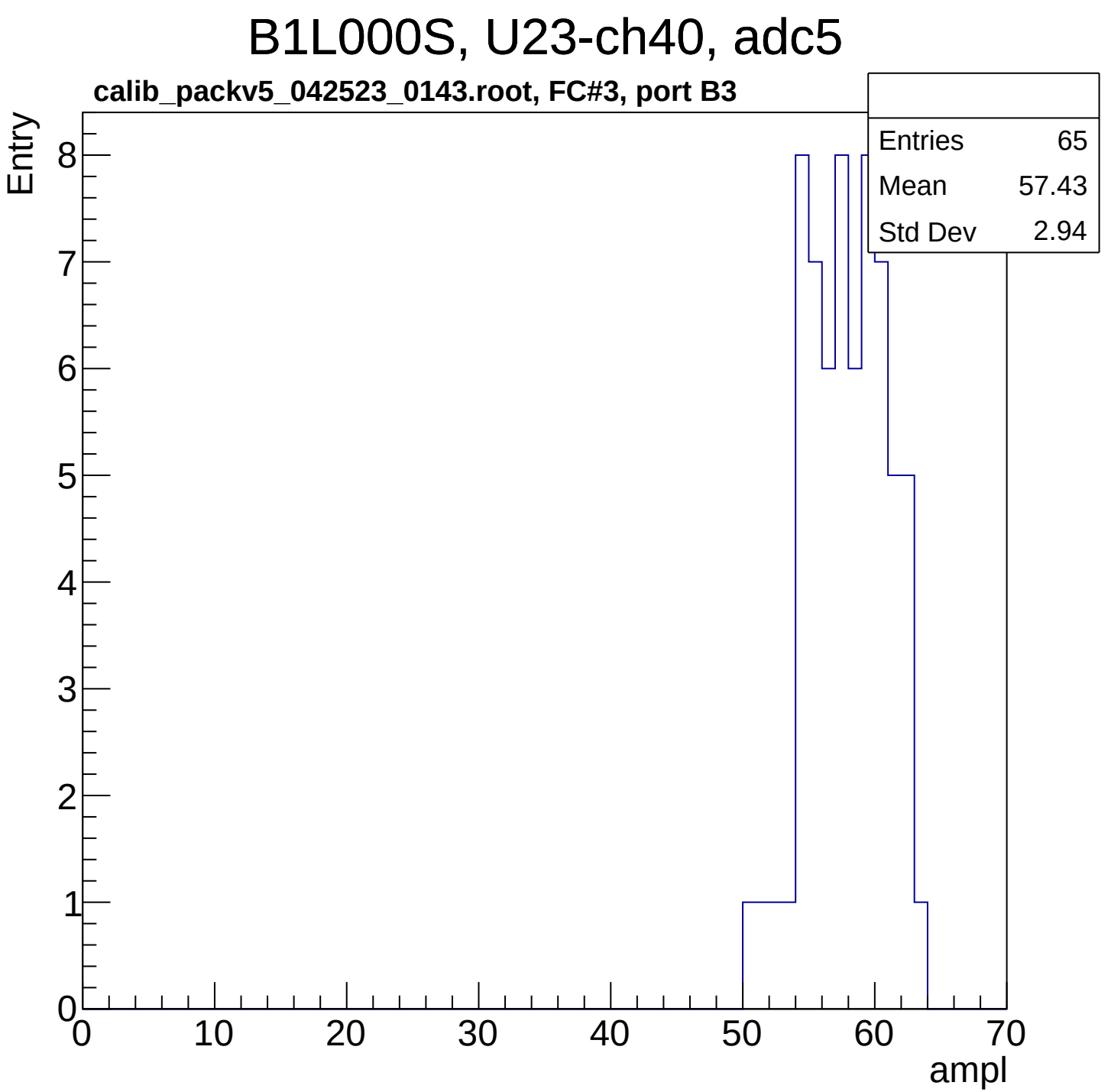
B1L000S, U23-ch40, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 57.43
Std Dev 2.94
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
50
60
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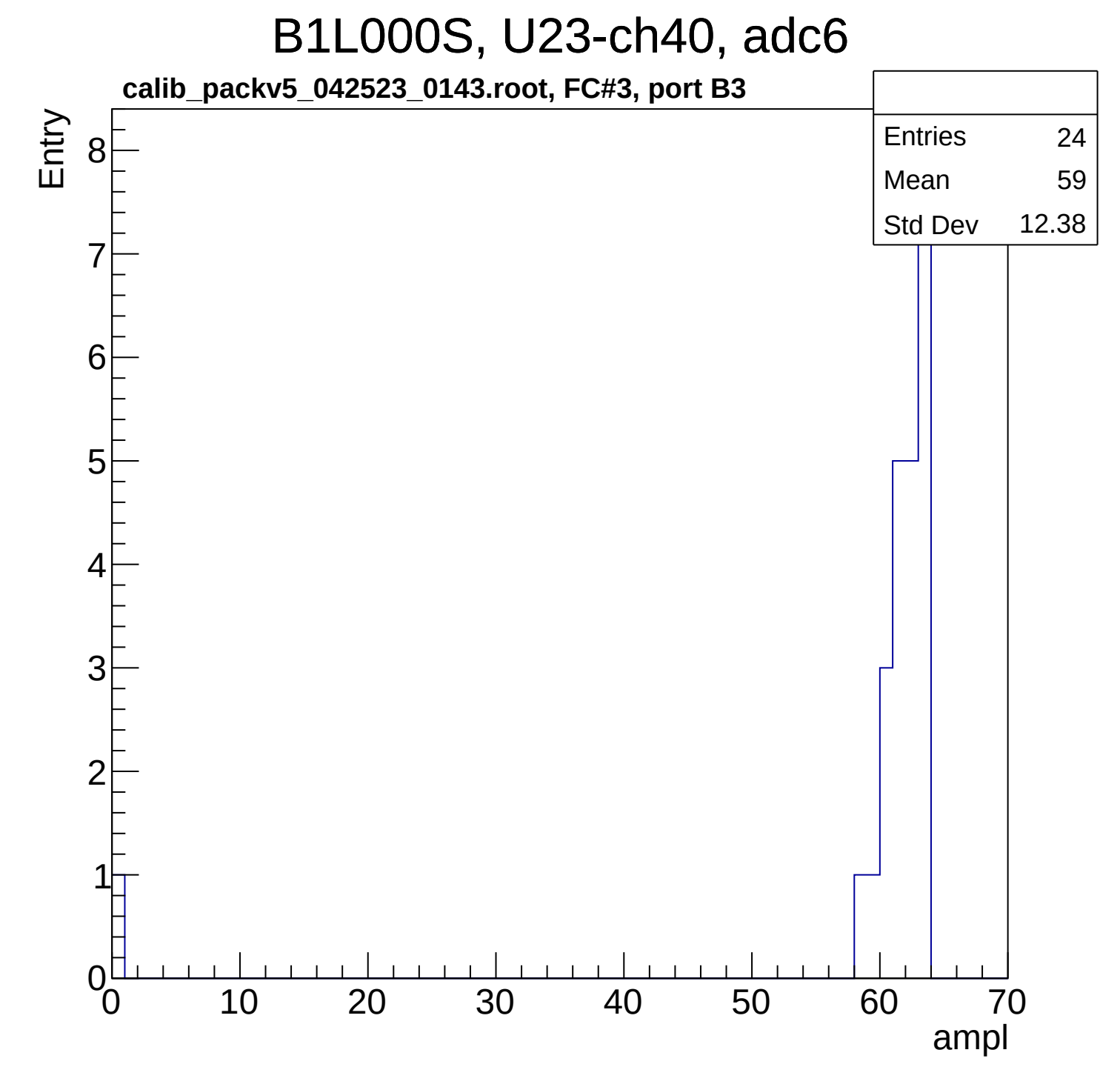
B1L000S, U23-ch40, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 59
Std Dev 12.38
Entry
ampl
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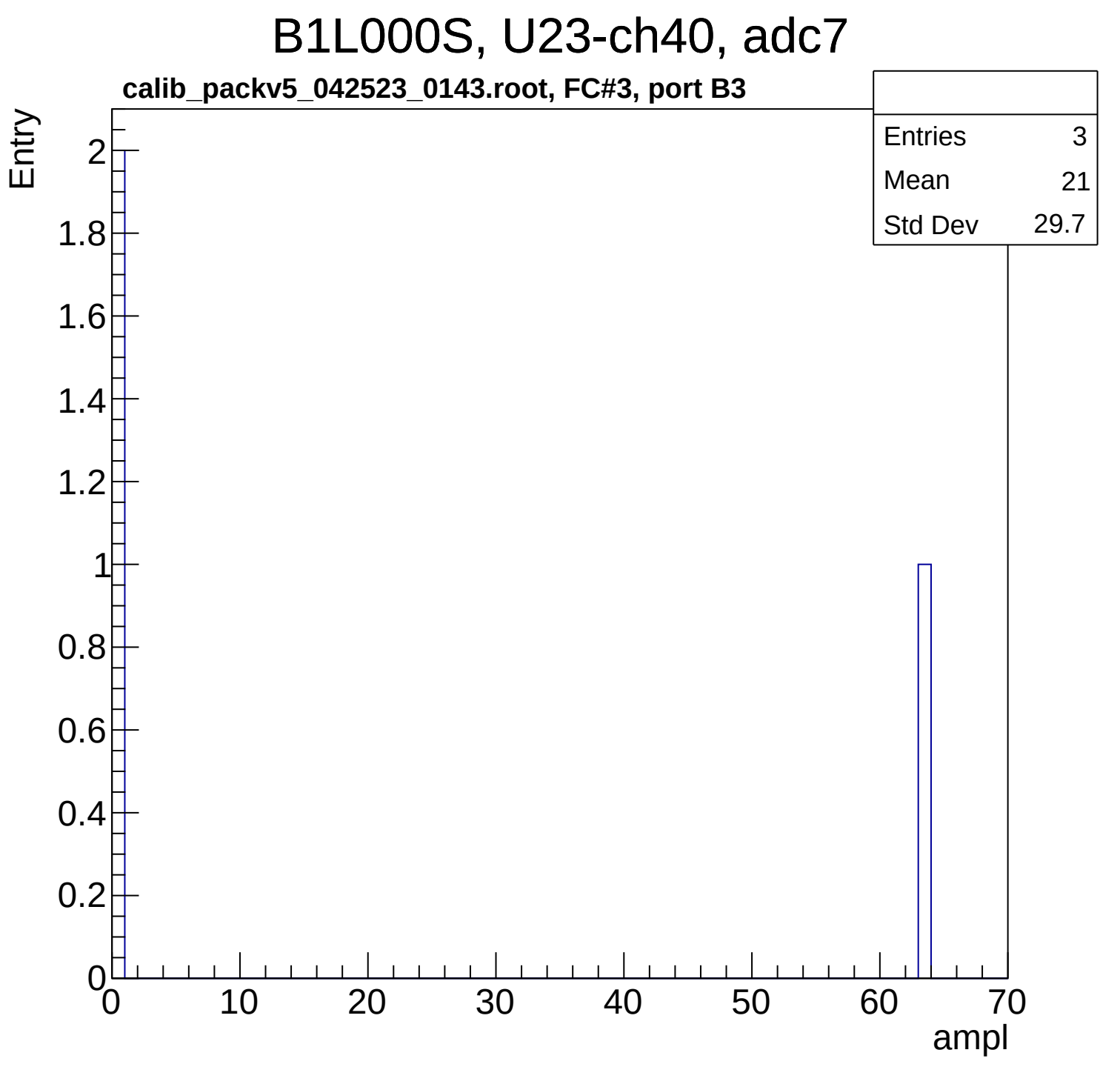
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch40, 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
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1.2
1.4
1.6
1.8
2
0
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20
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40
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60
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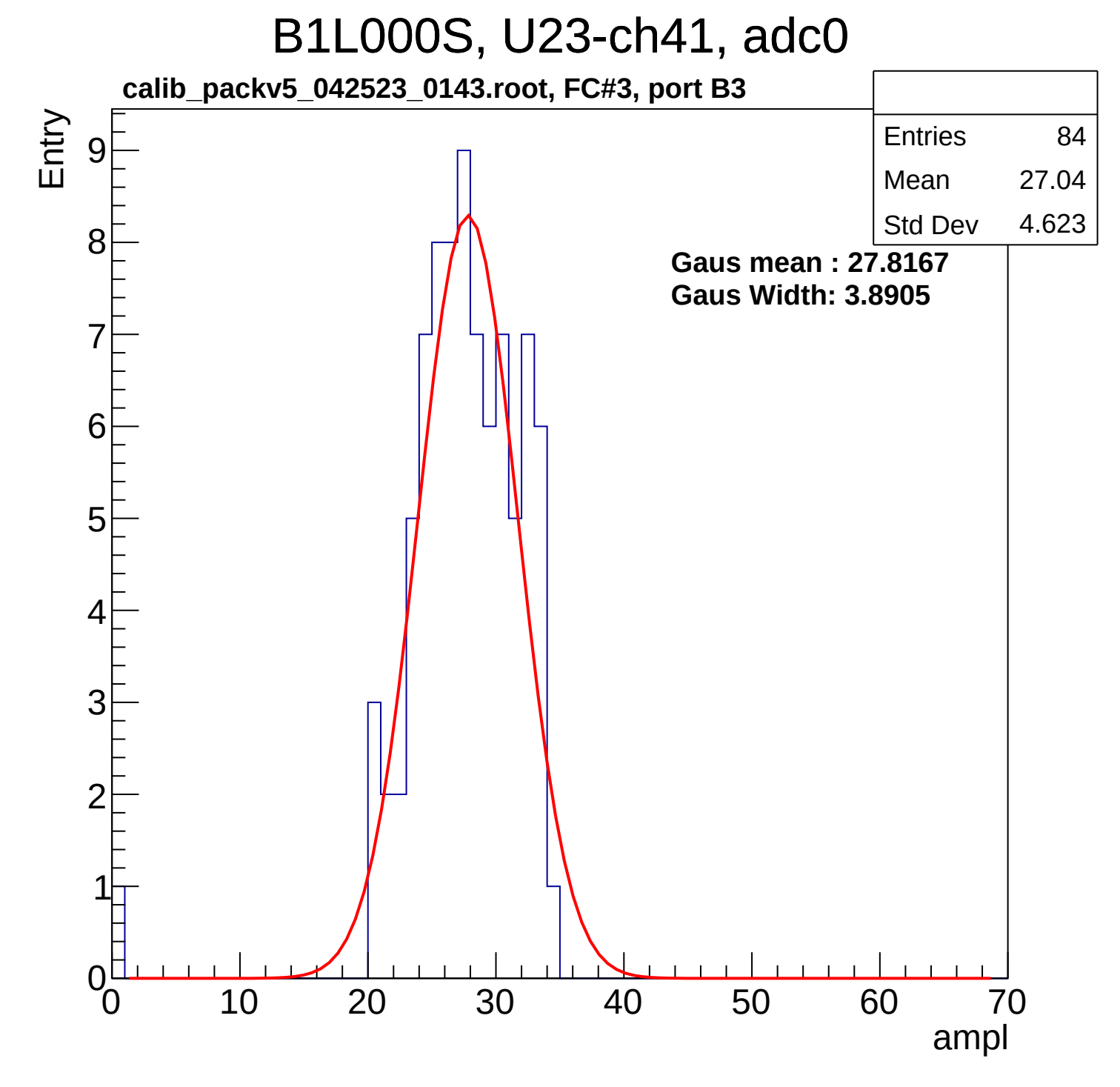
B1L000S, U23-ch41, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 27.04
Std Dev 4.623
Gaus mean : 27.8167
Gaus Width: 3.8905
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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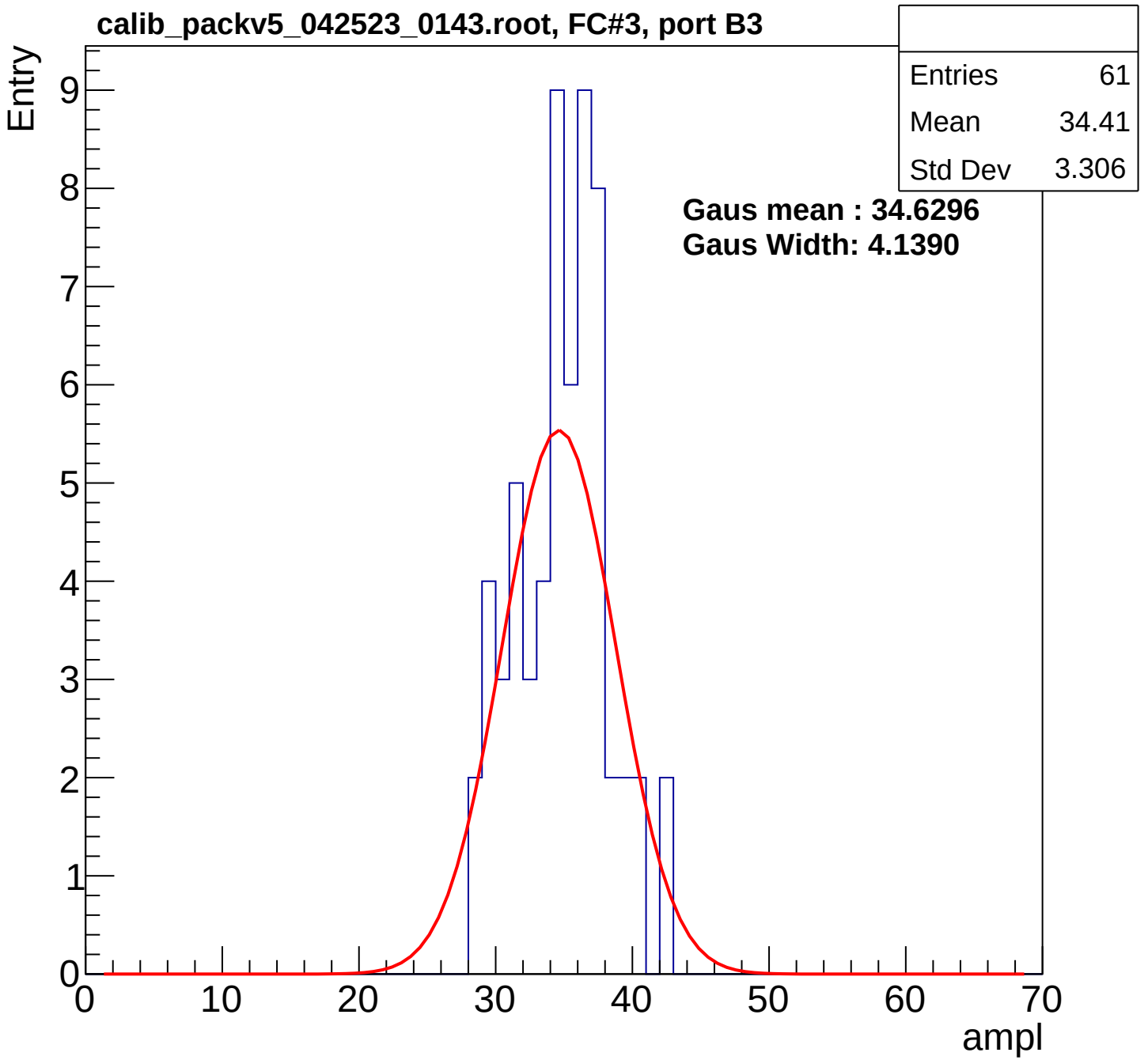
B1L000S, U23-ch41, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 34.41
Std Dev 3.306
Gaus mean : 34.6296
Gaus Width: 4.1390
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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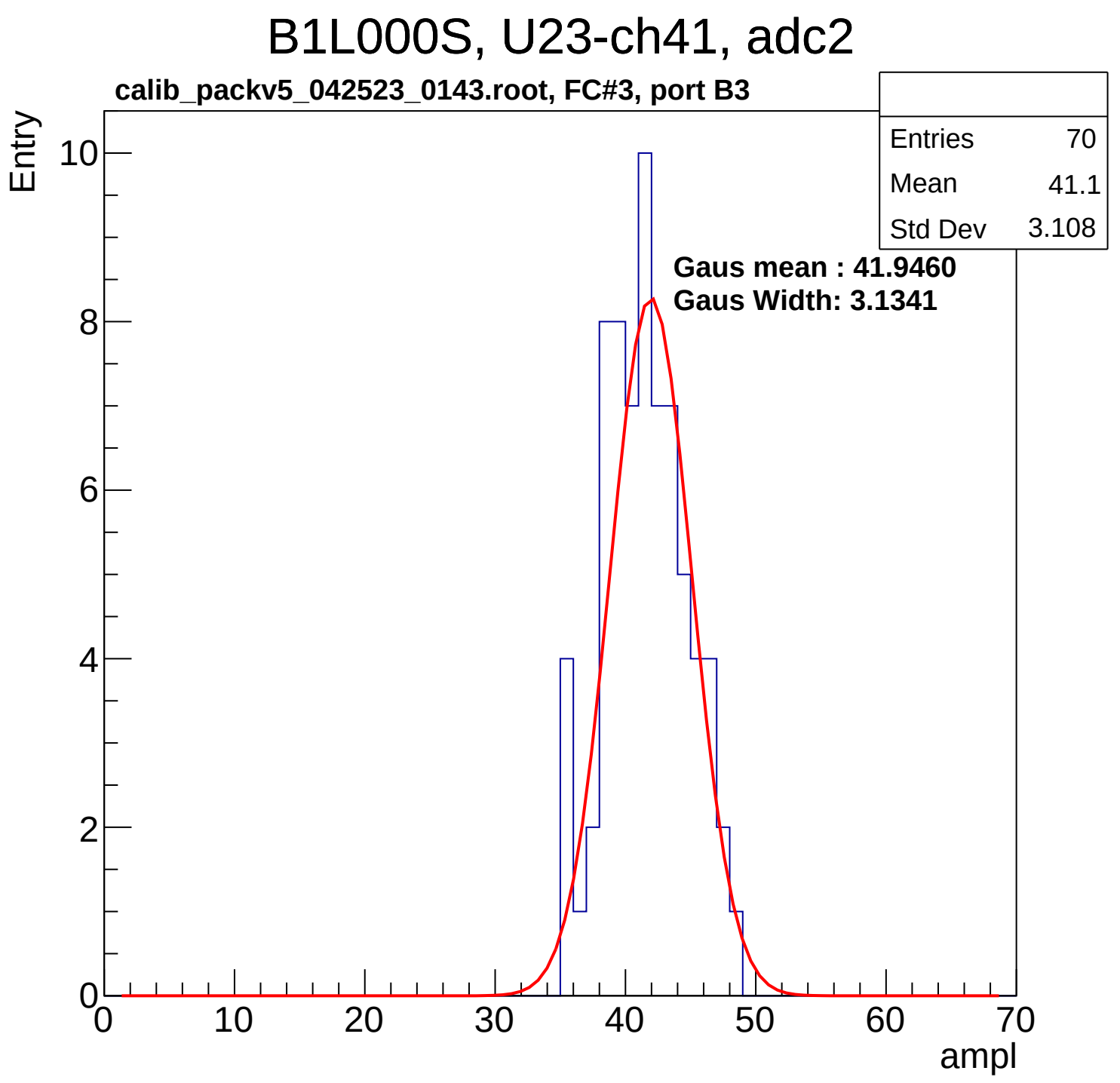
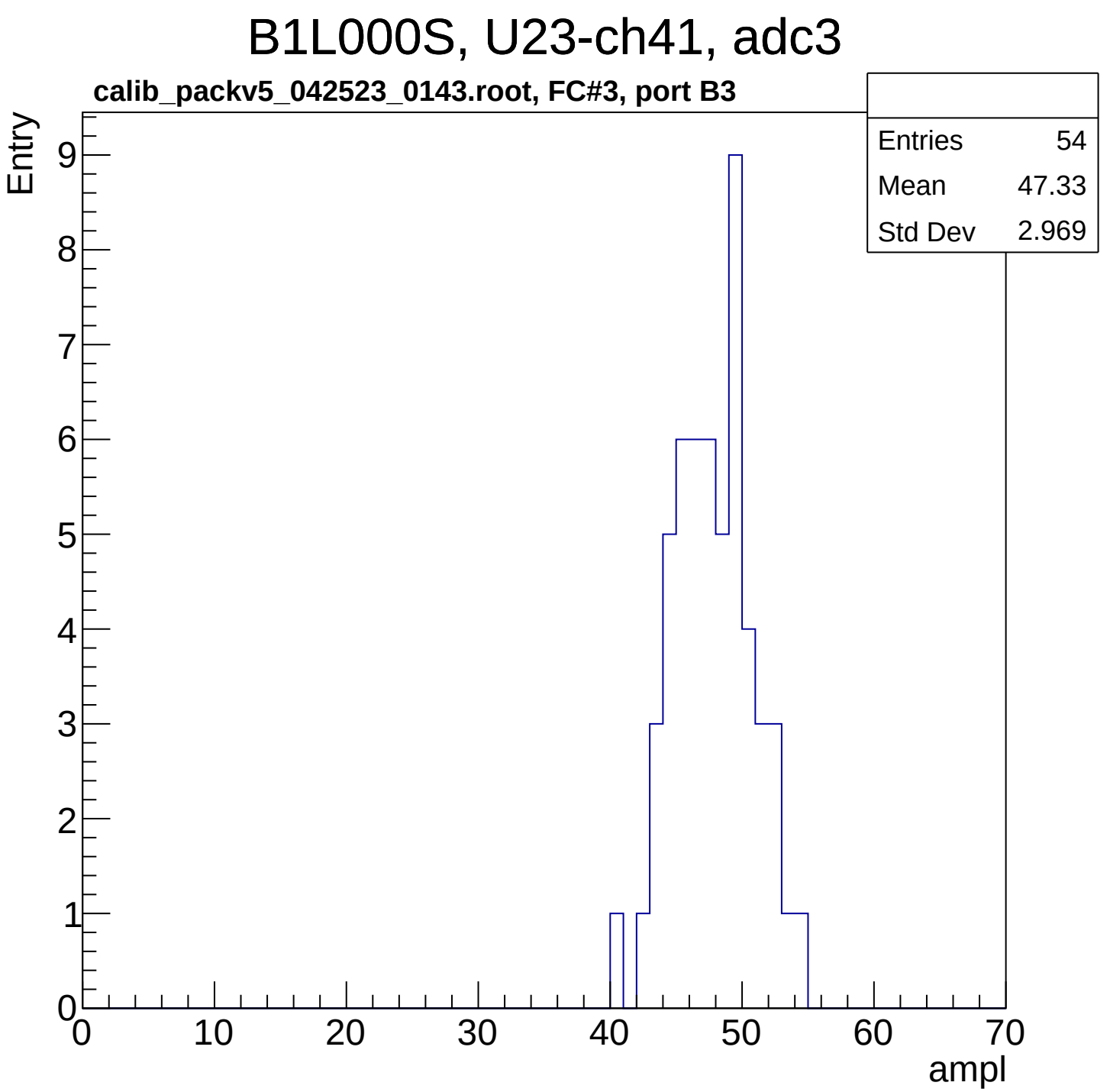

B1L000S, U23-ch41, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 41.1
Std Dev 3.108
Gaus mean : 41.9460
Gaus Width: 3.1341
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch41, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 47.33
Std Dev 2.969
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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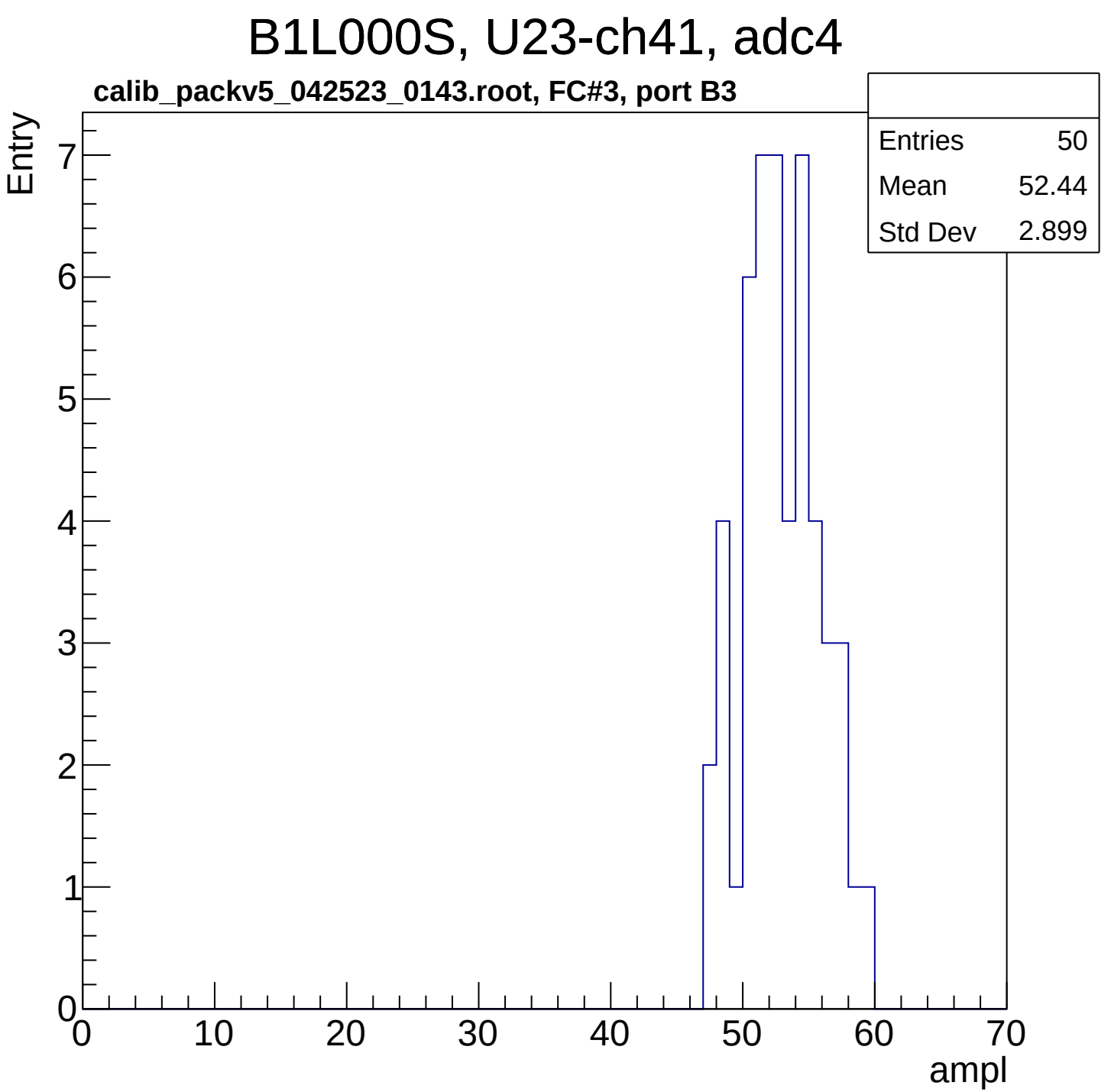
B1L000S, U23-ch41, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 52.44
Std Dev 2.899
Entry
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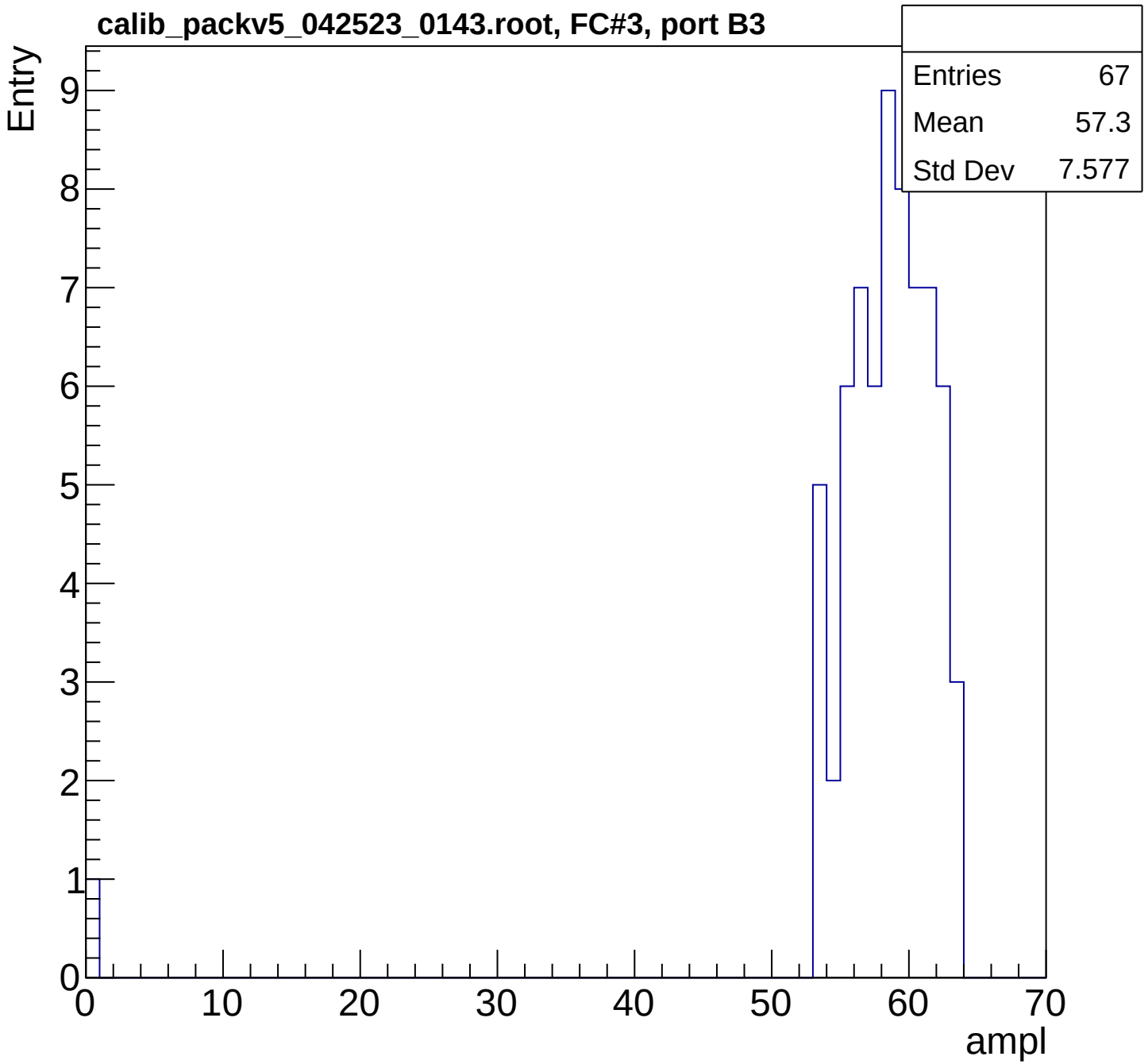
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch41, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 57.3
Std Dev 7.577
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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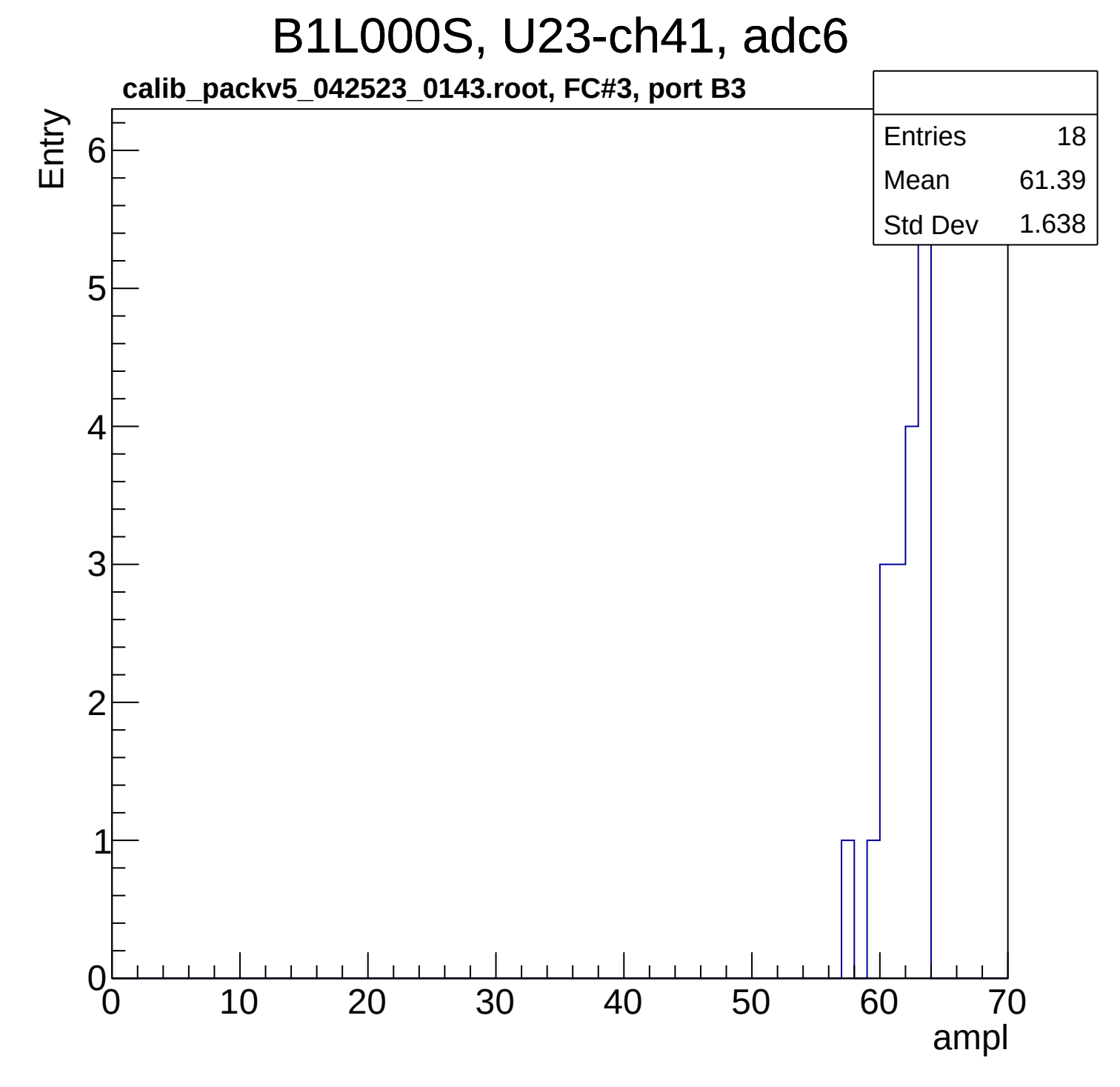
B1L000S, U23-ch41, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.39
Std Dev 1.638
Entry
ampl
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3
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5
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0
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20
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40
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60
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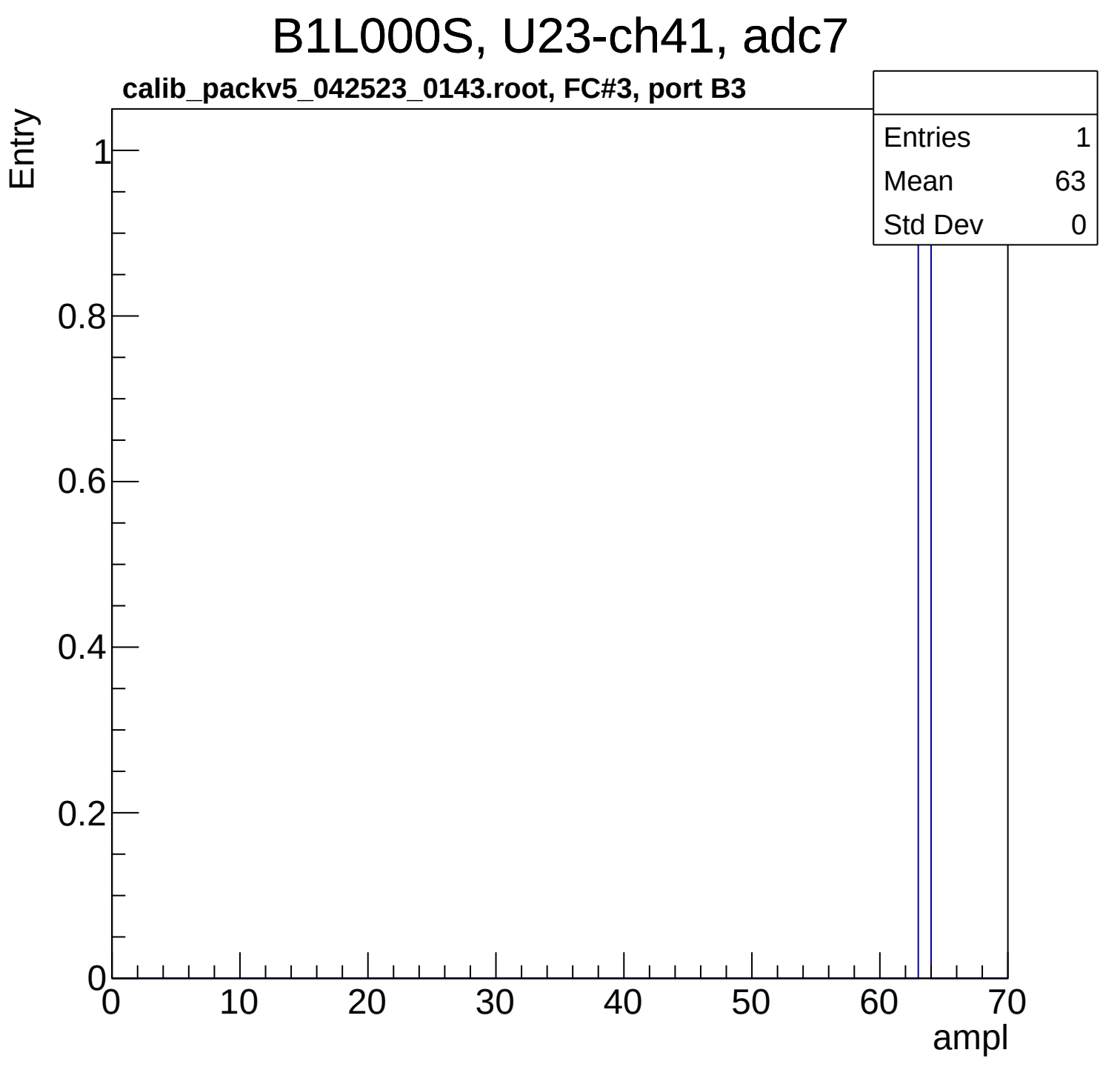
B1L000S, U23-ch41, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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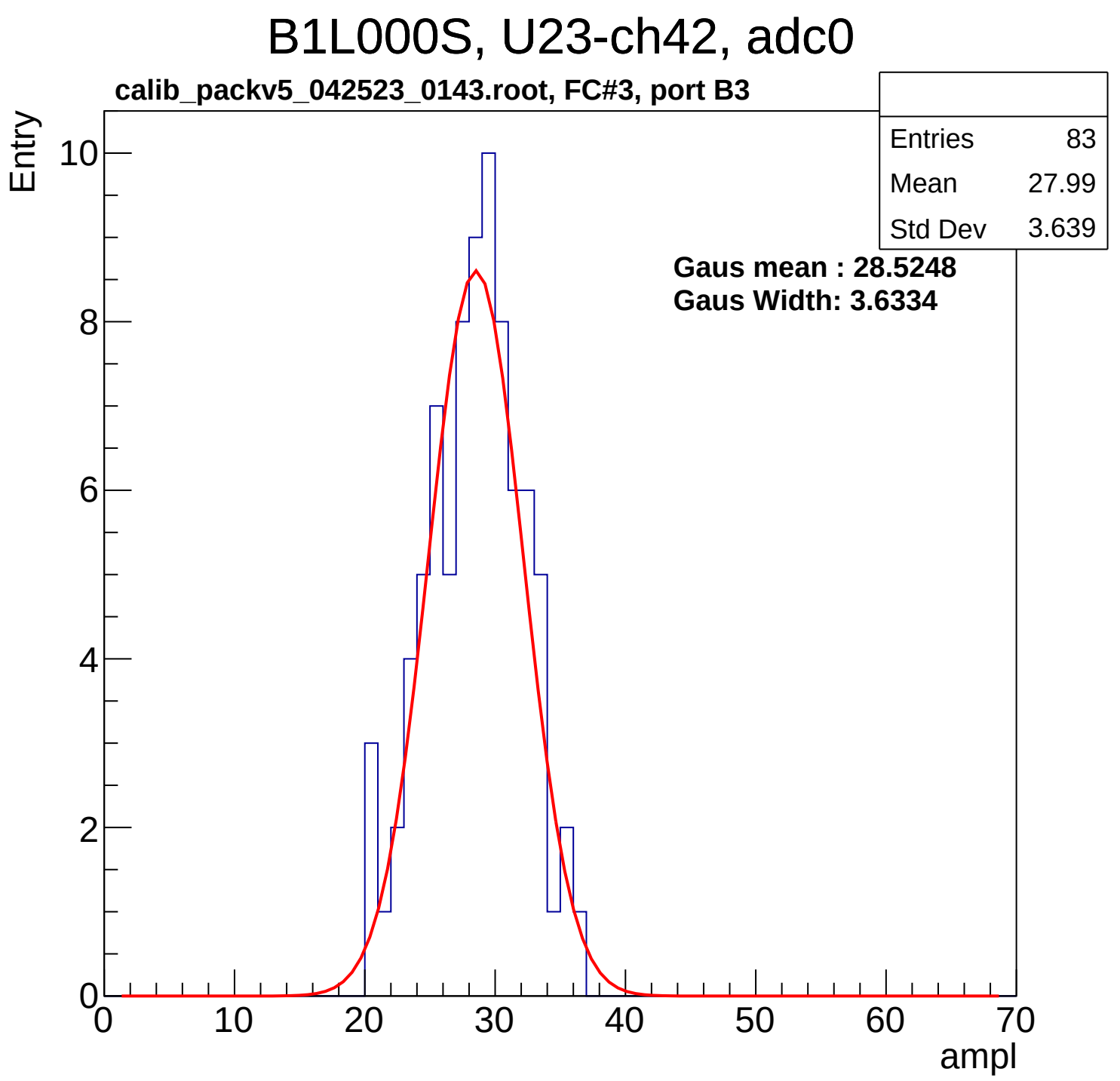
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch42, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 27.99
Std Dev 3.639
Gaus mean : 28.5248
Gaus Width: 3.6334
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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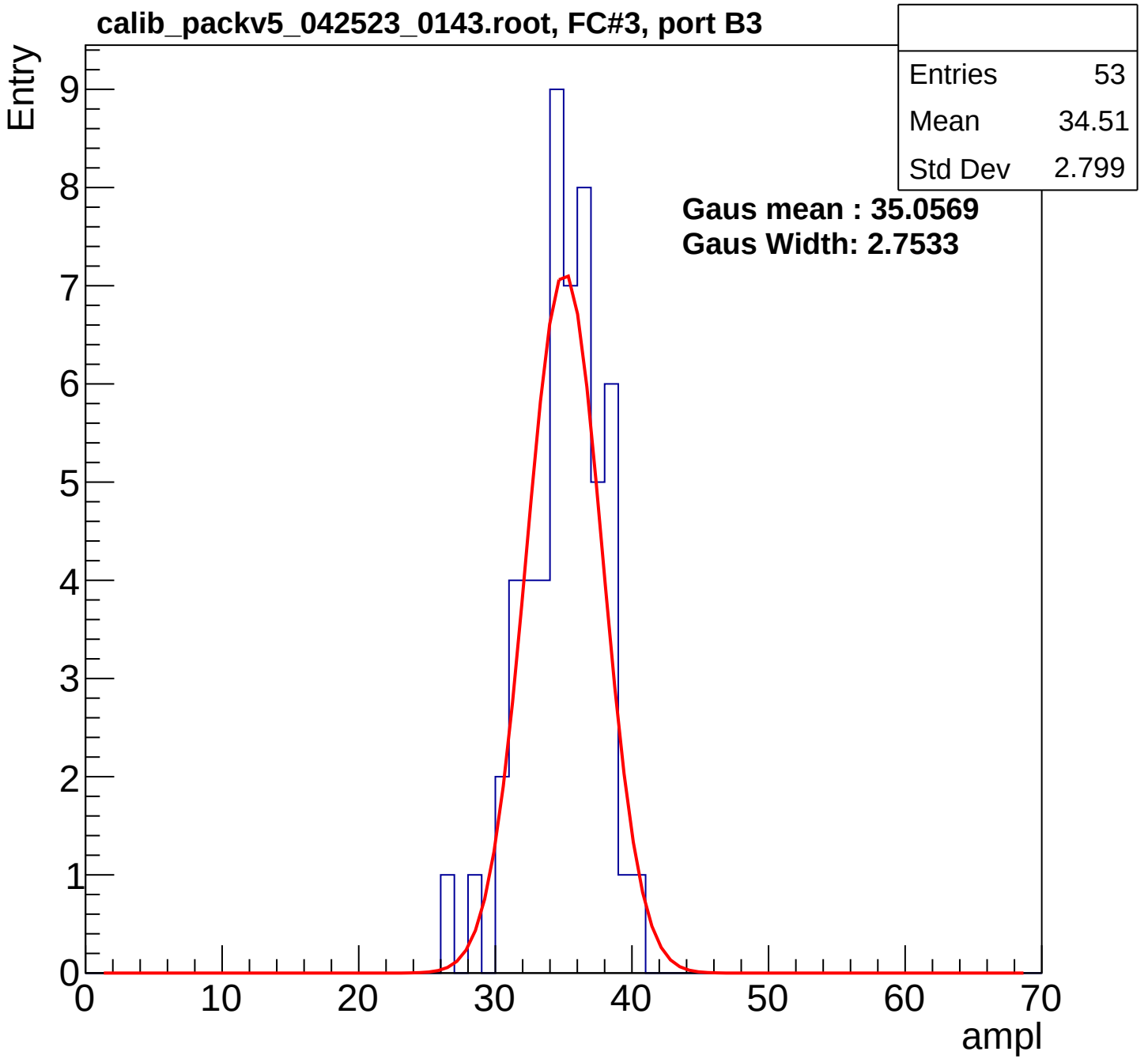
B1L000S, U23-ch42, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 34.51
Std Dev 2.799
Gaus mean : 35.0569
Gaus Width: 2.7533
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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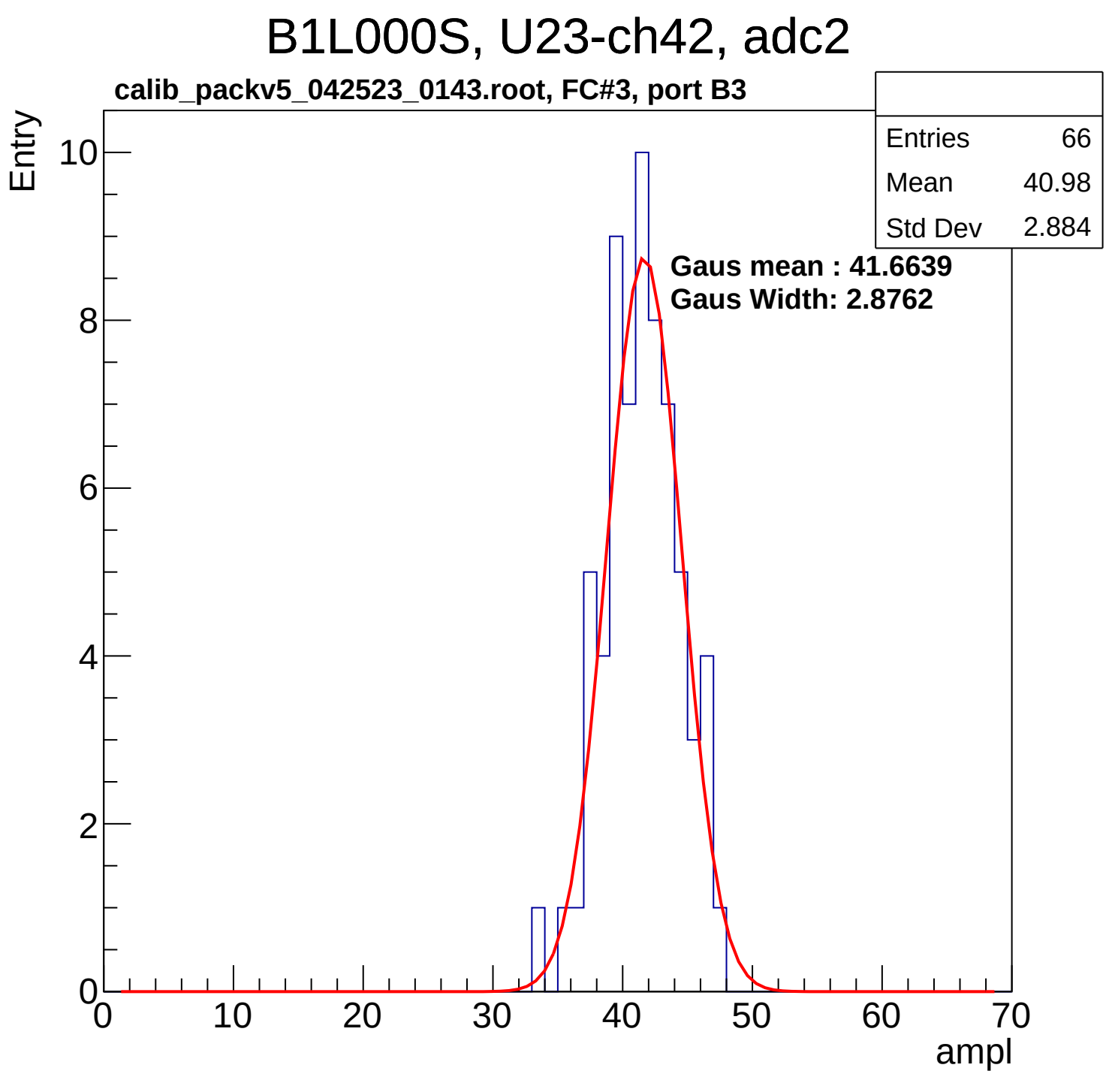
B1L000S, U23-ch42, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 40.98
Std Dev 2.884
Gaus mean : 41.6639
Gaus Width: 2.8762
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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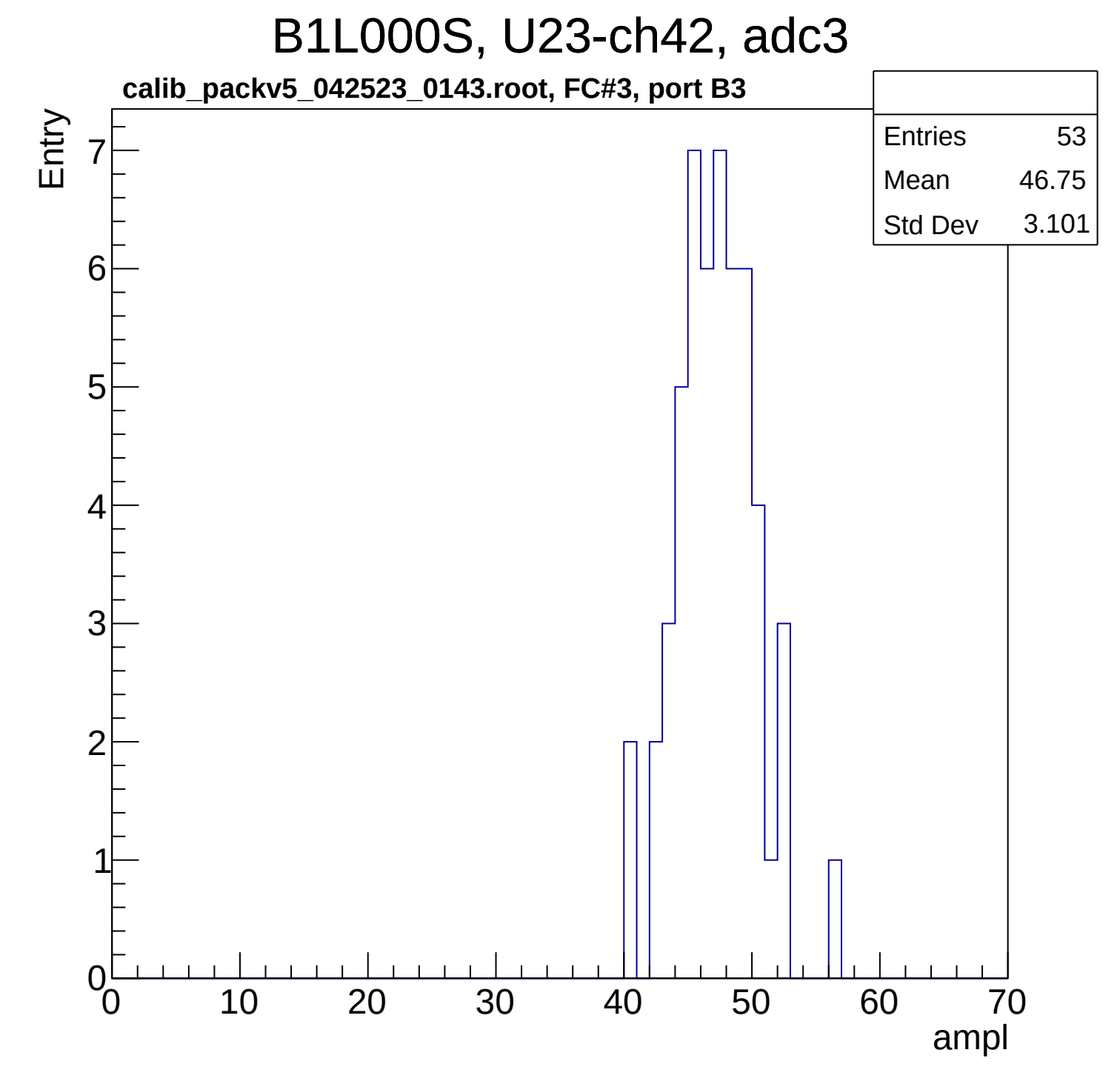
B1L000S, U23-ch42, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 46.75
Std Dev 3.101
Entry
ampl
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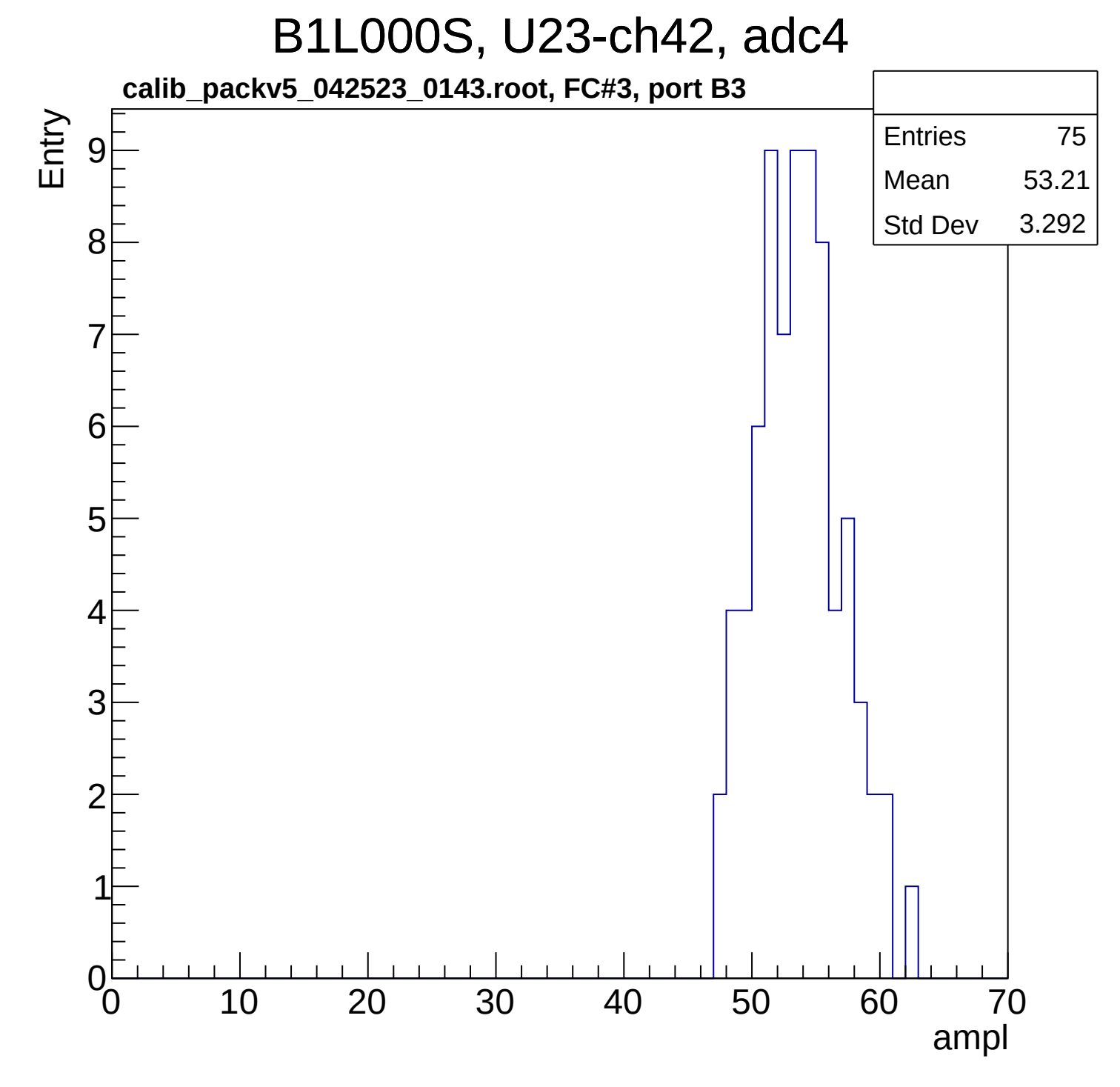
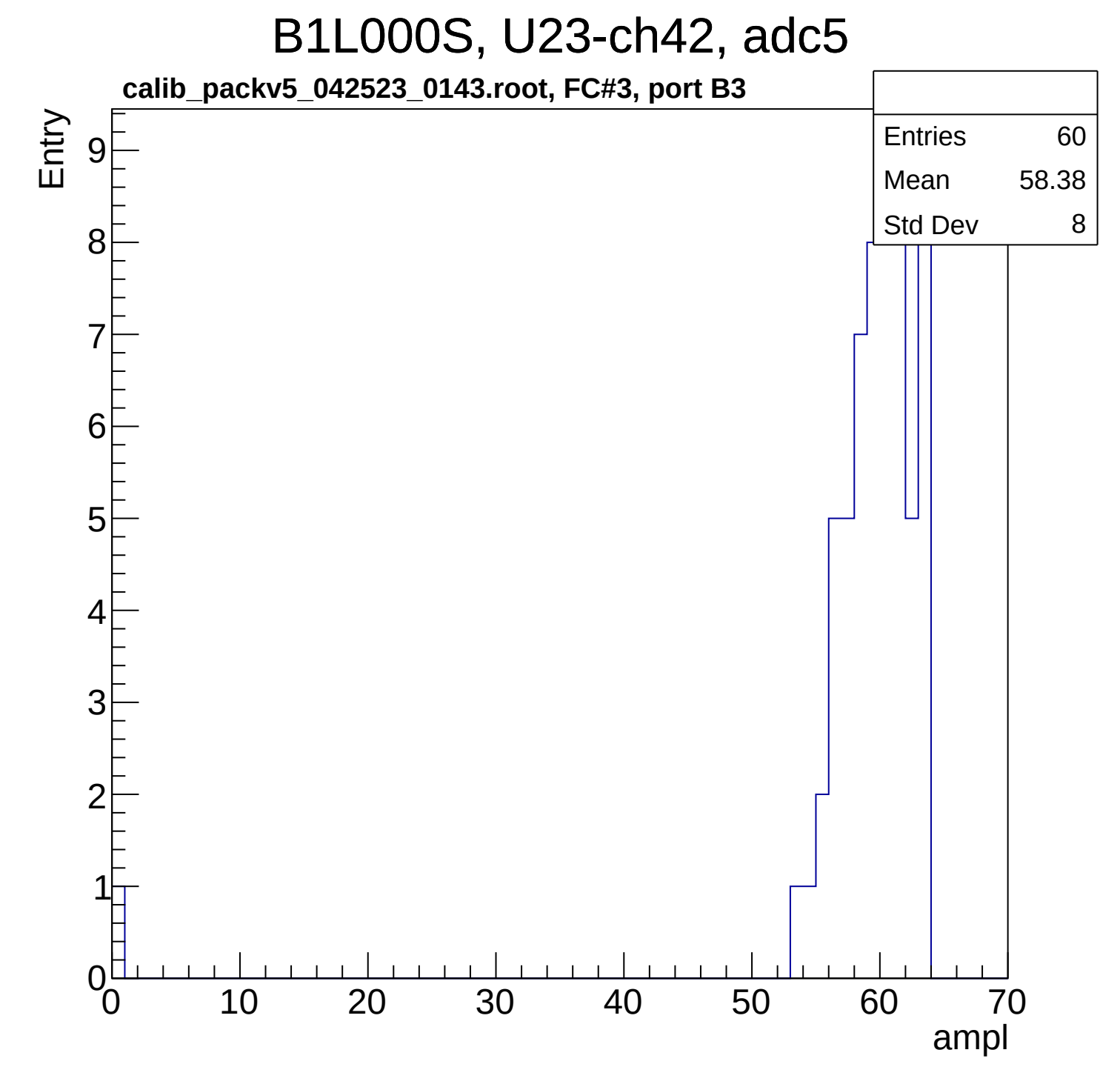

B1L000S, U23-ch42, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 53.21
Std Dev 3.292
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch42, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.38
Std Dev 8
Entry
0
1
2
3
4
5
6
7
8
9
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10
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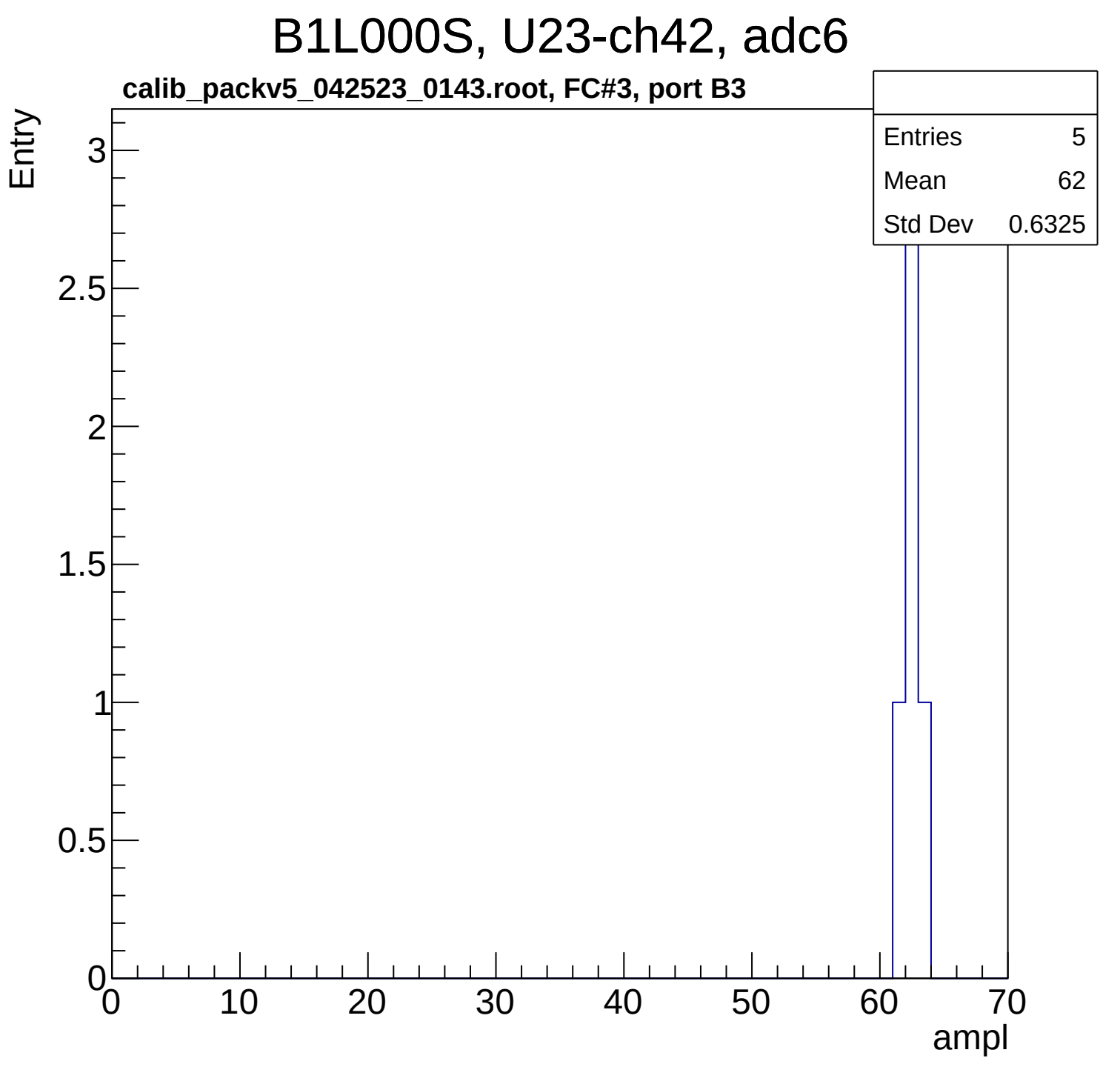
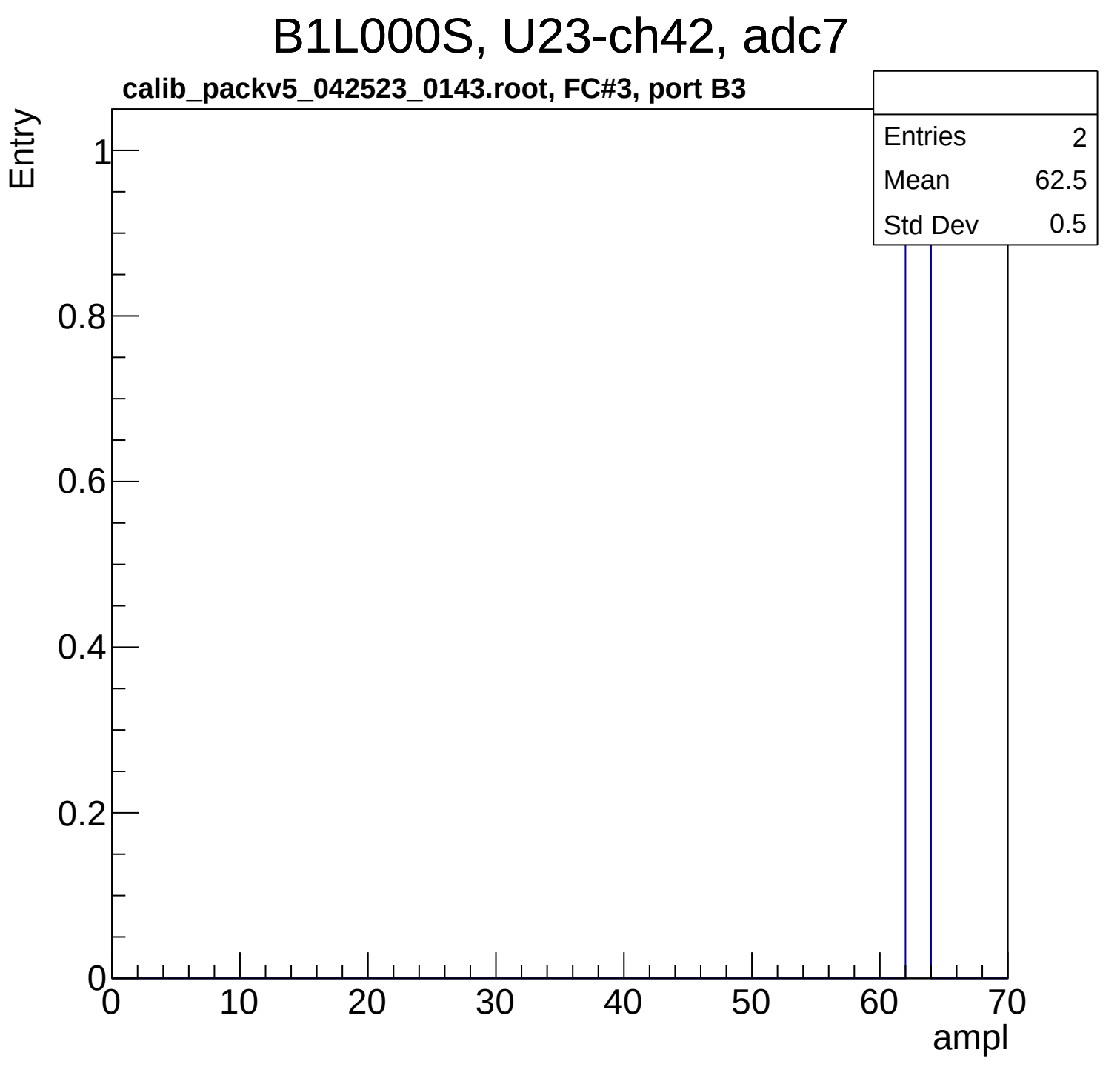
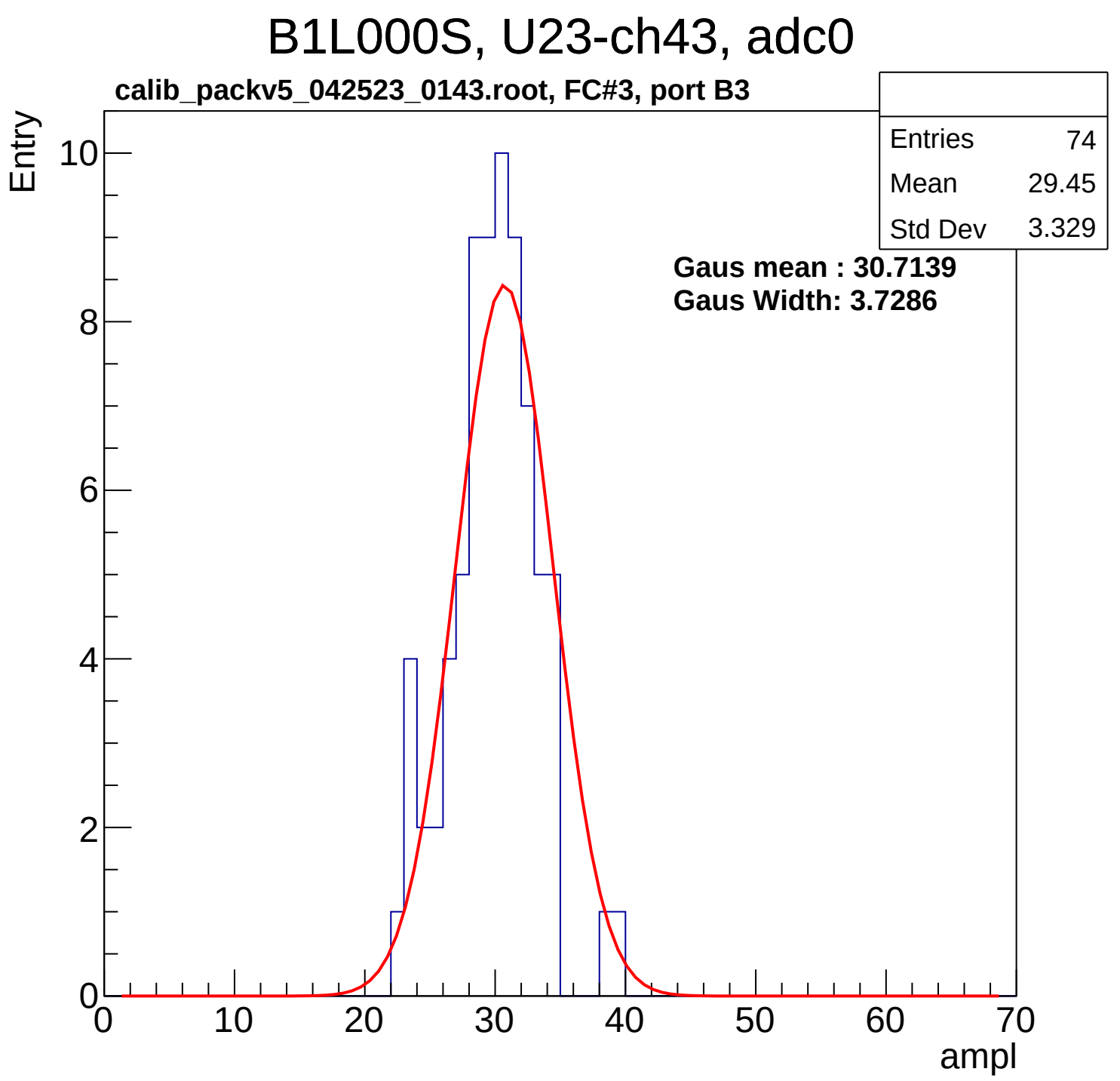
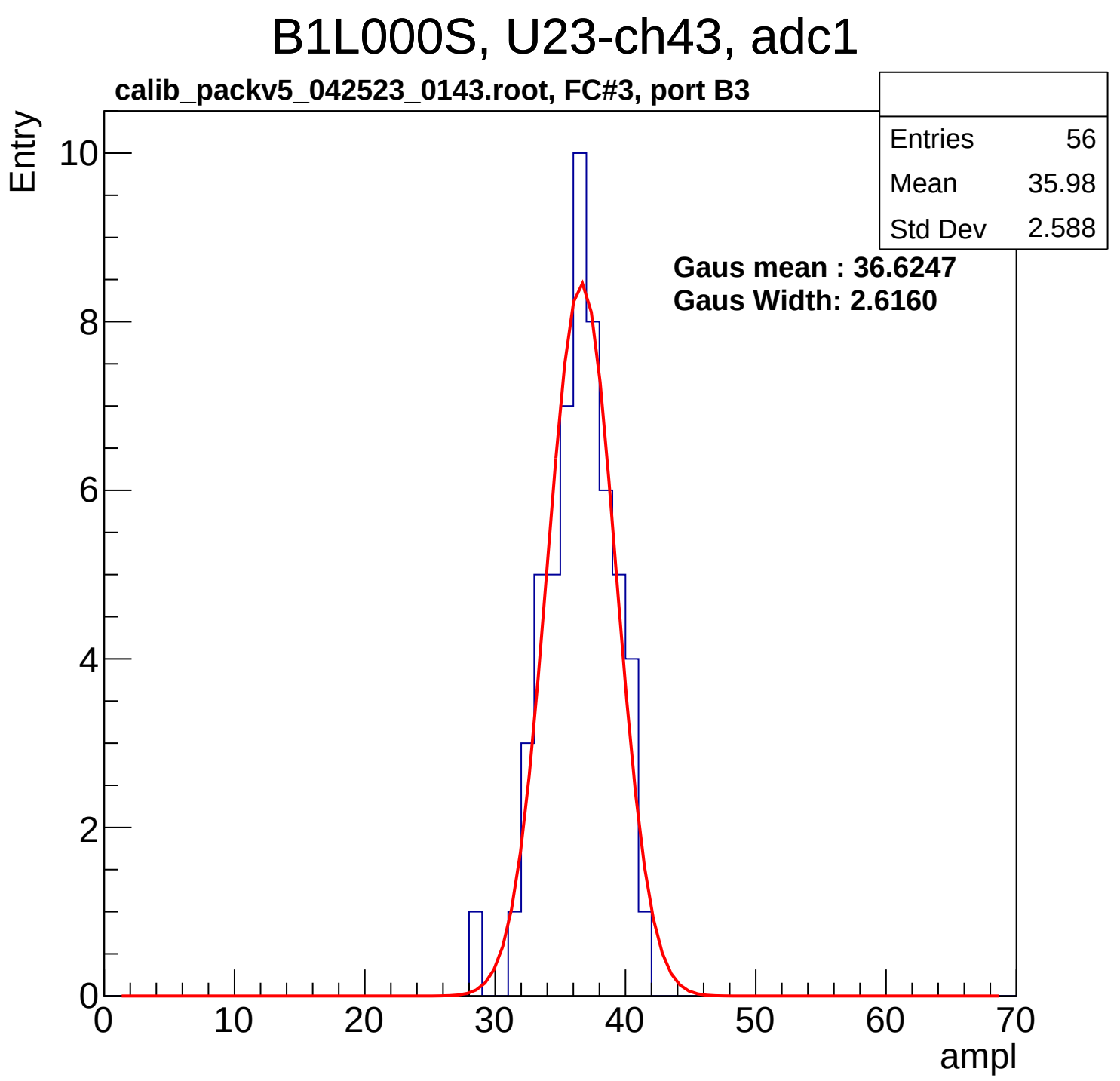
50
60
70
ampl


B1L000S, U23-ch42, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62
Std Dev 0.6325
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U23-ch42, 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, U23-ch43, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 29.45
Std Dev 3.329
Gaus mean : 30.7139
Gaus Width: 3.7286
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch43, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.98
Std Dev 2.588
Gaus mean : 36.6247
Gaus Width: 2.6160
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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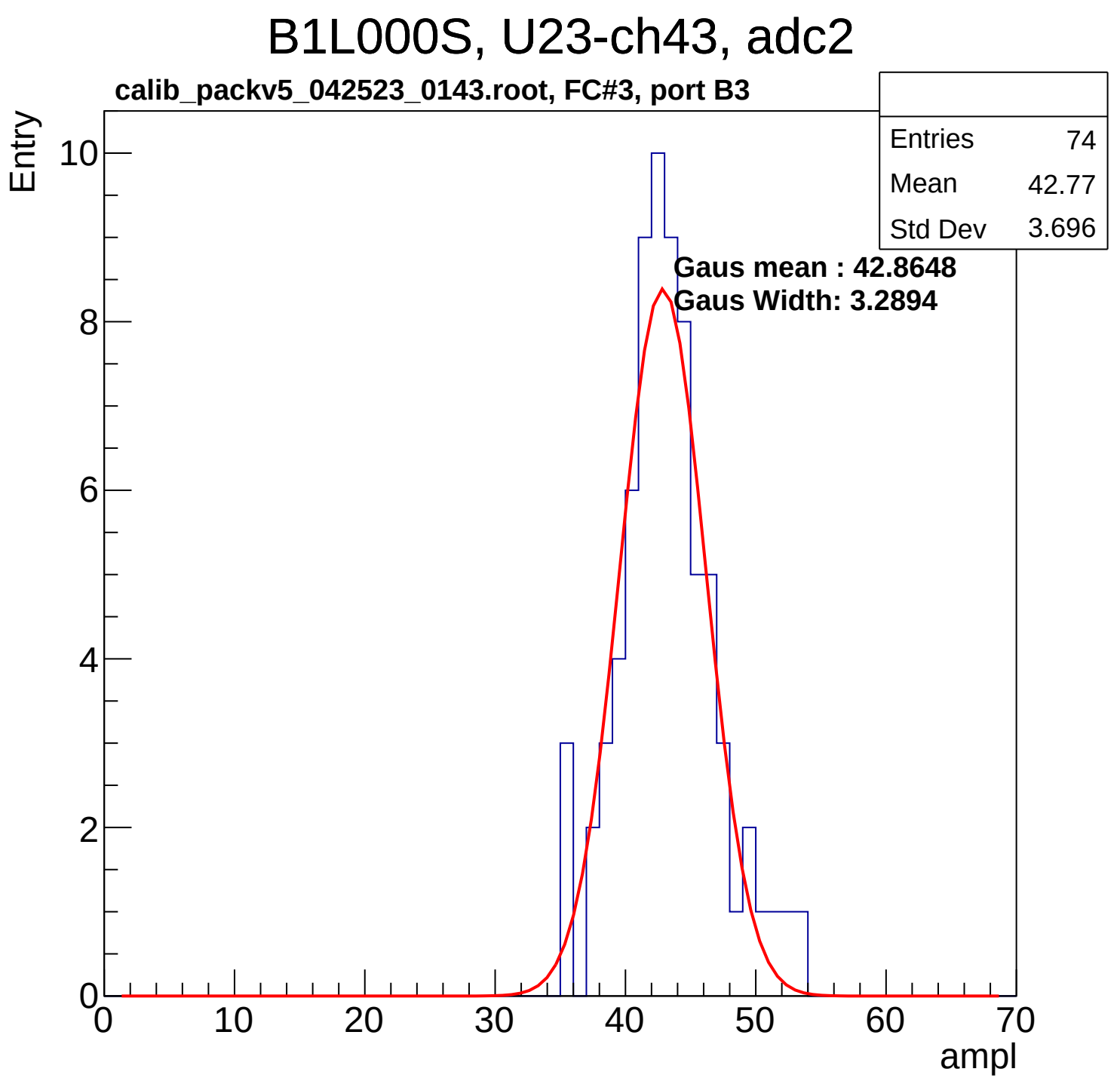
B1L000S, U23-ch43, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 42.77
Std Dev 3.696
Gaus mean : 42.8648
Gaus Width: 3.2894
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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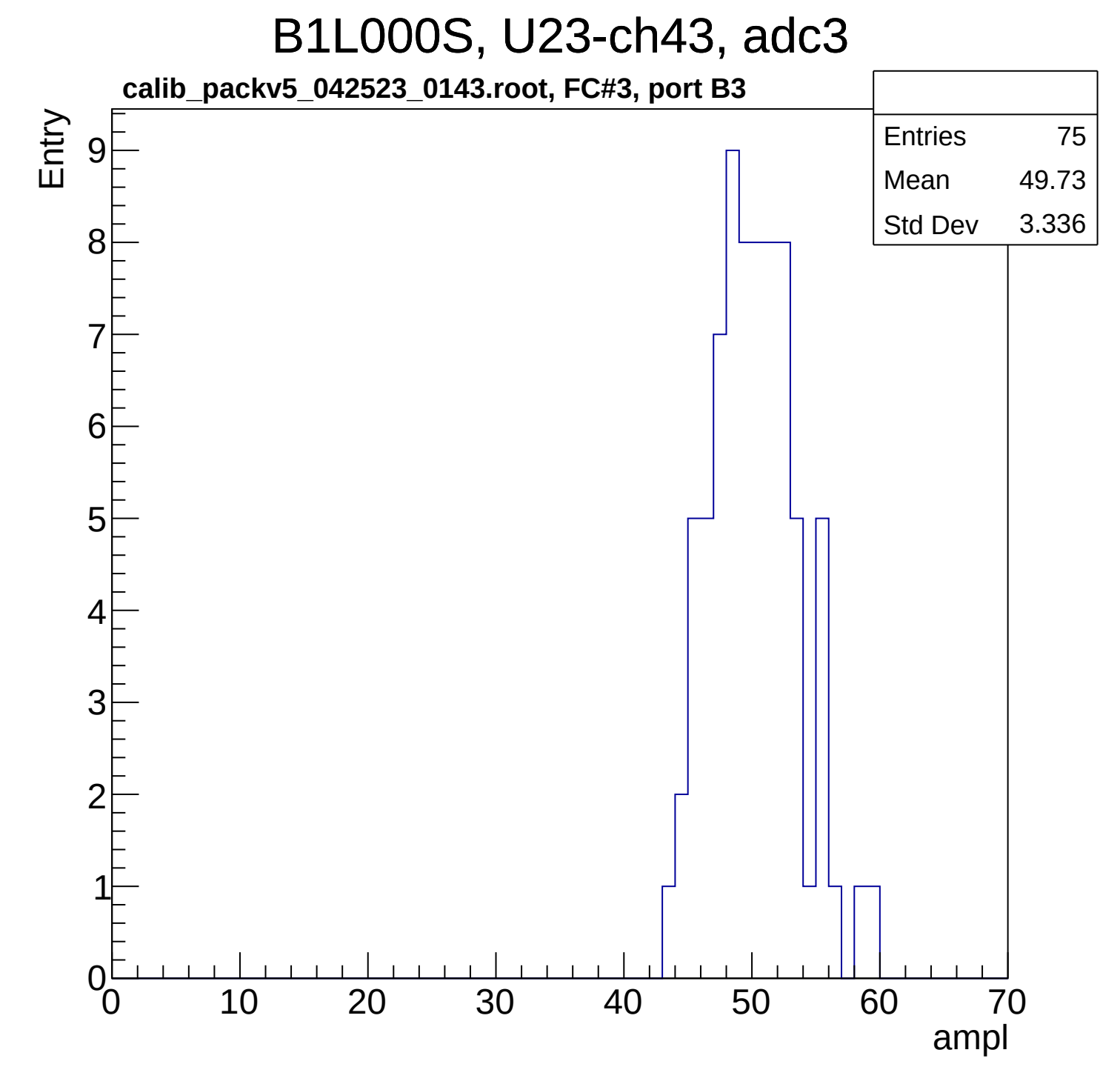
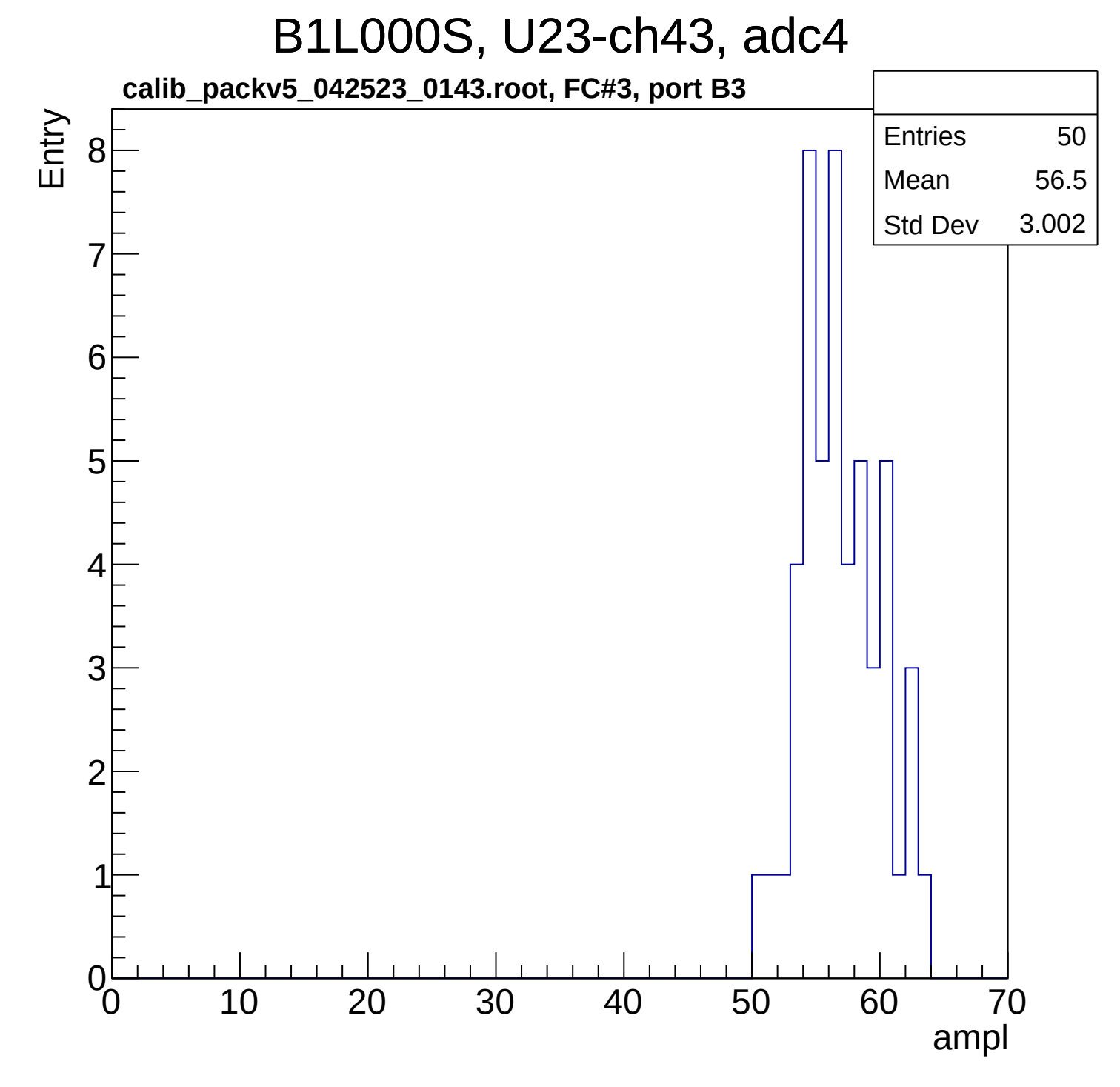
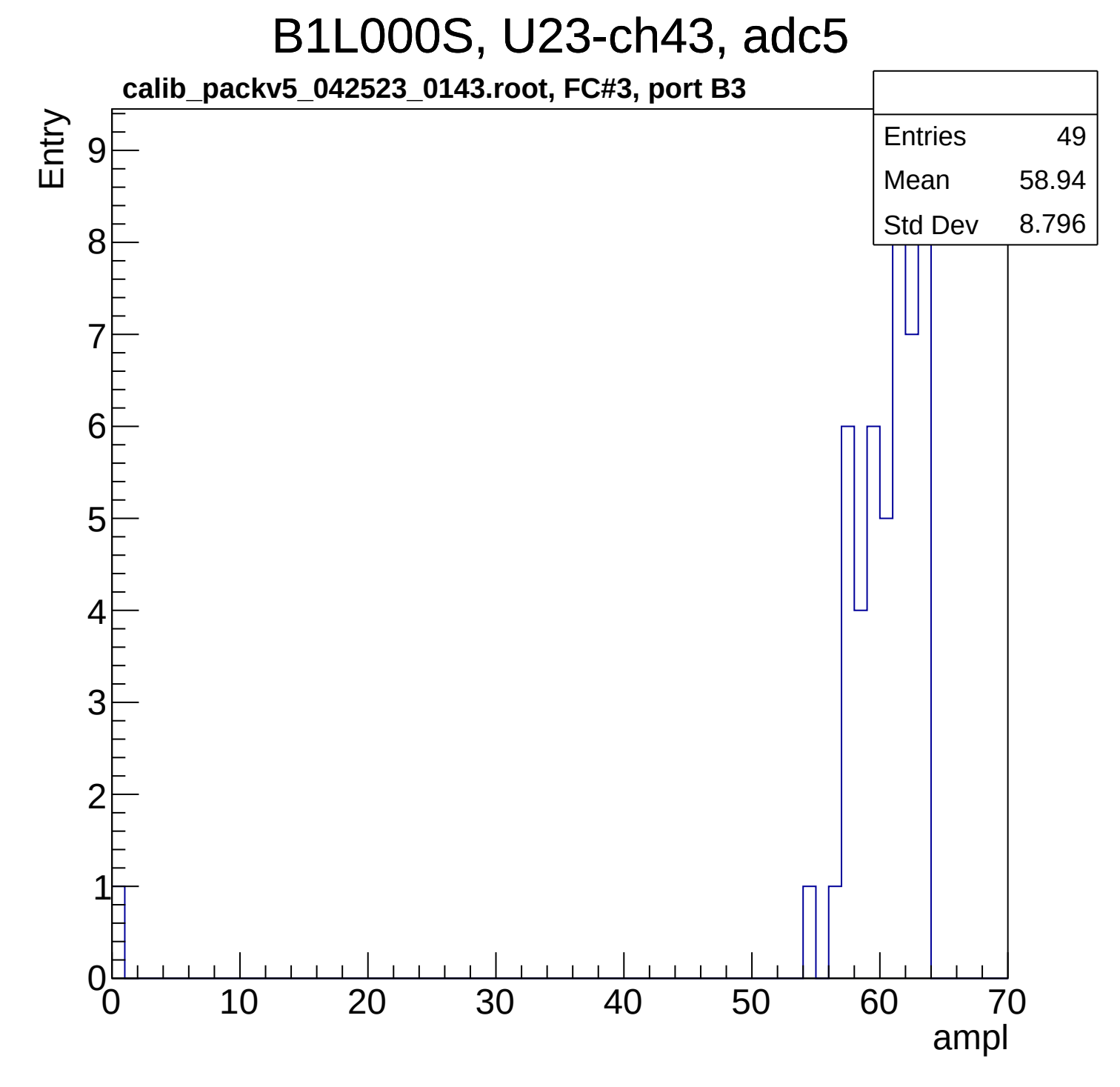
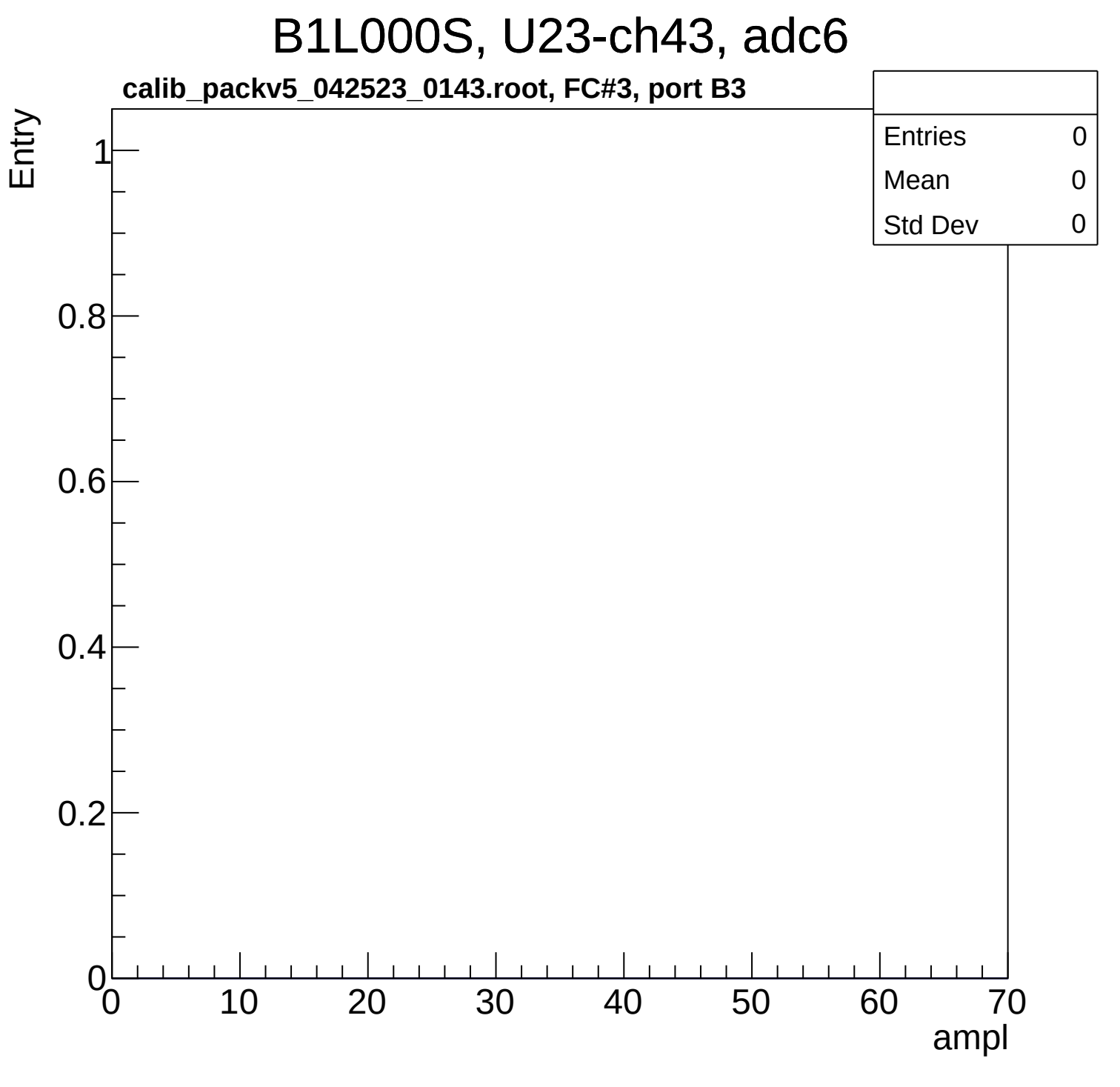
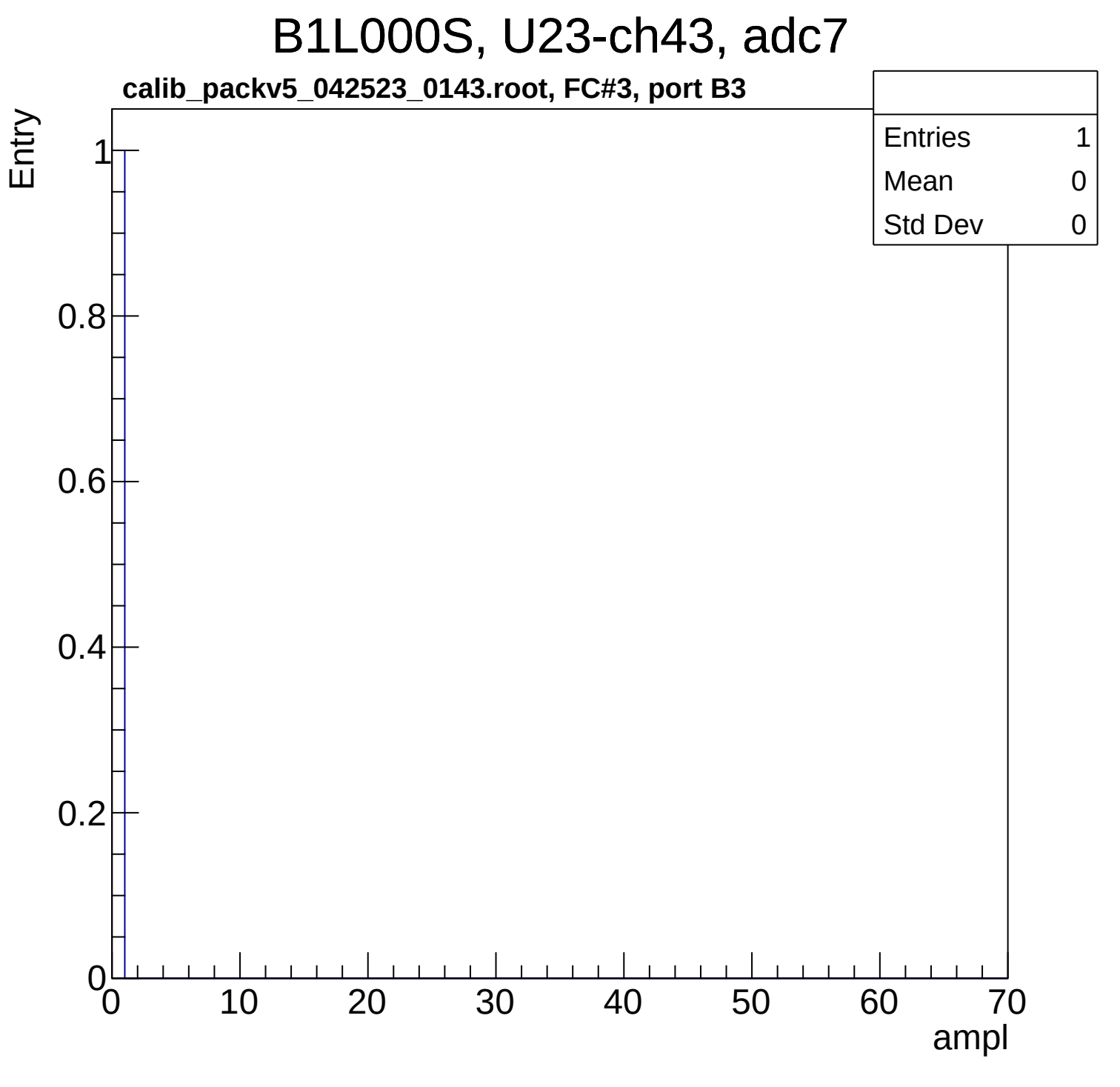
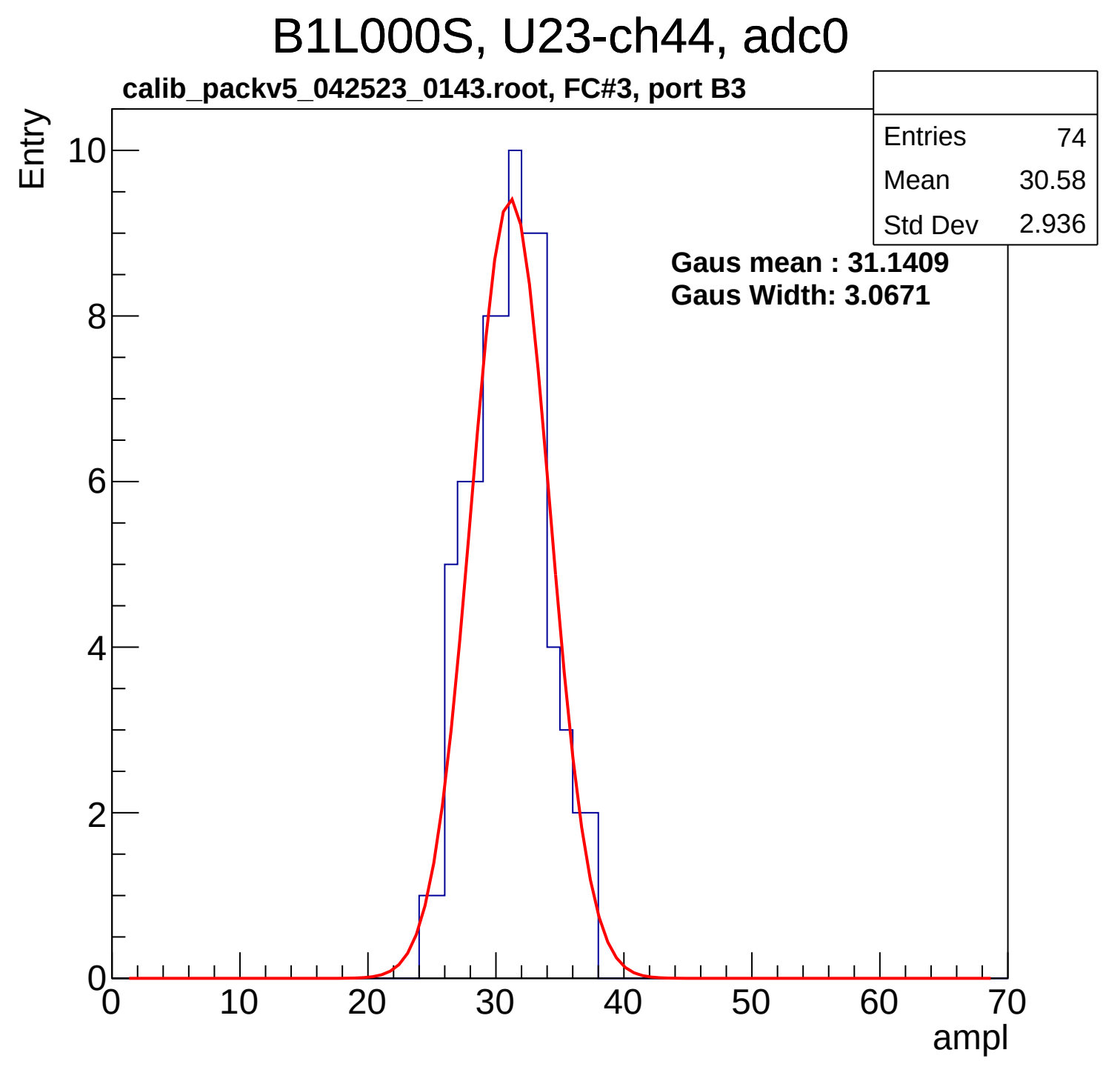

B1L000S, U23-ch43, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 49.73
Std Dev 3.336
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

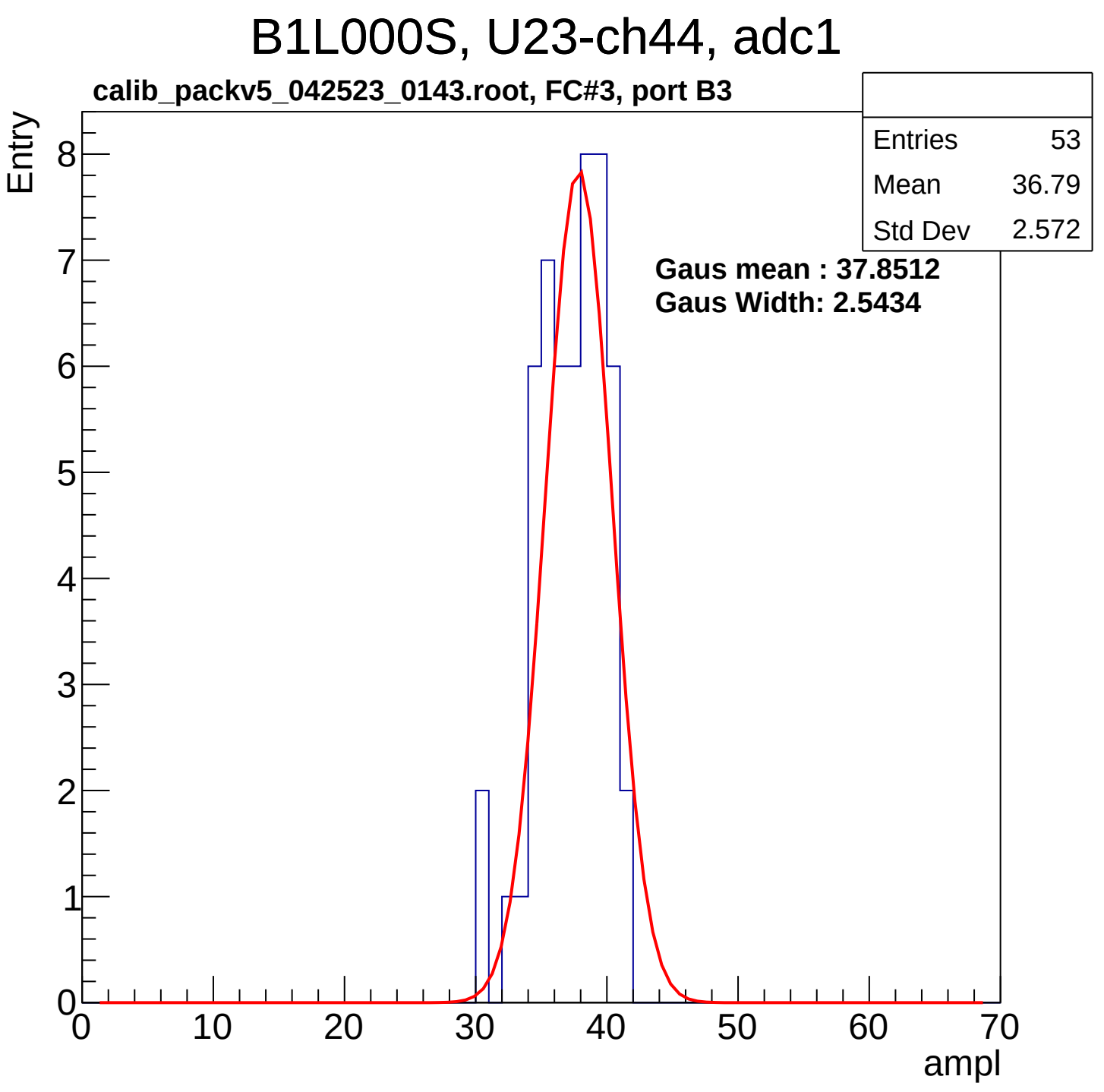

B1L000S, U23-ch43, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 56.5
Std Dev 3.002
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

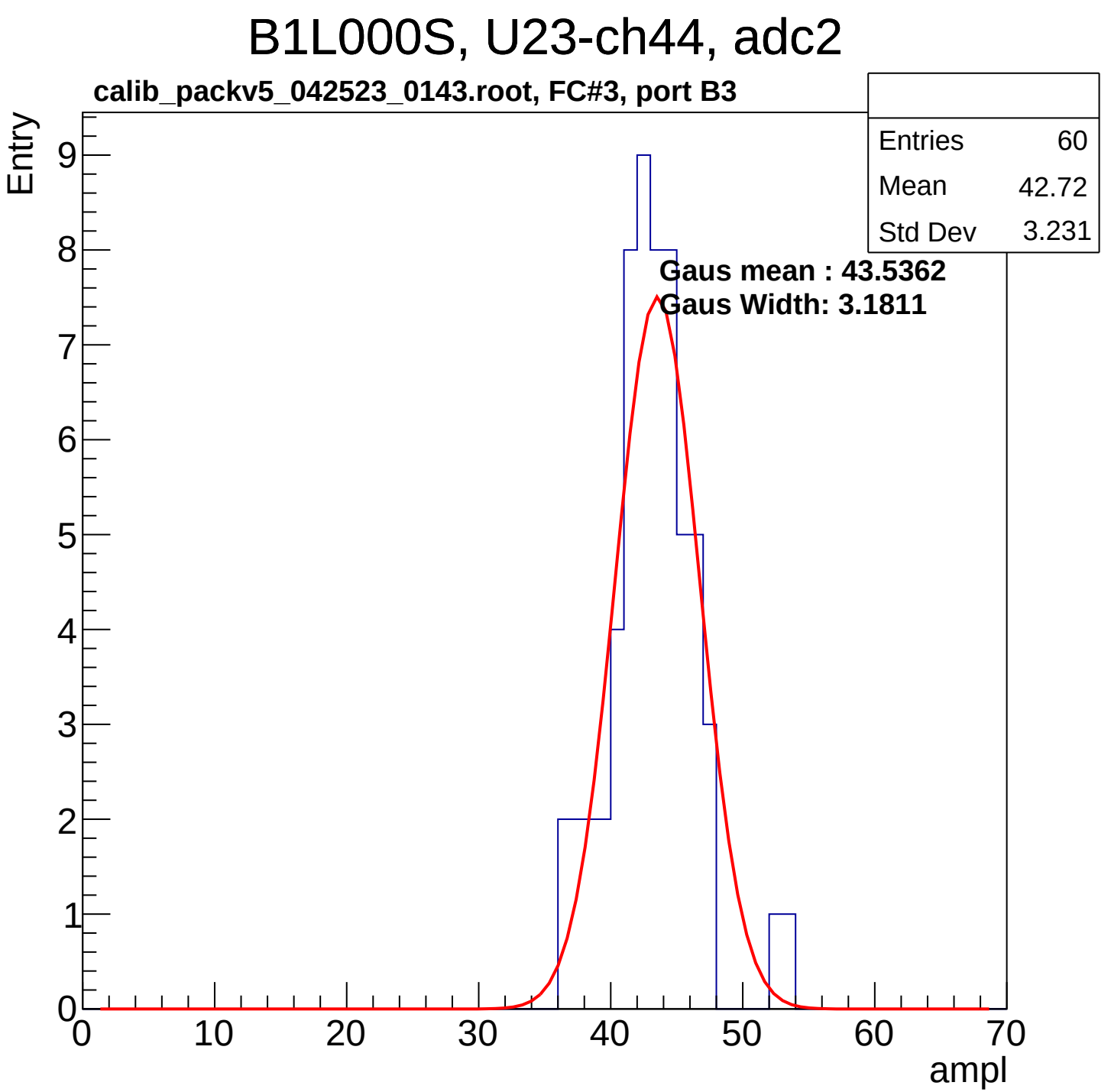

B1L000S, U23-ch43, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.94
Std Dev 8.796
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

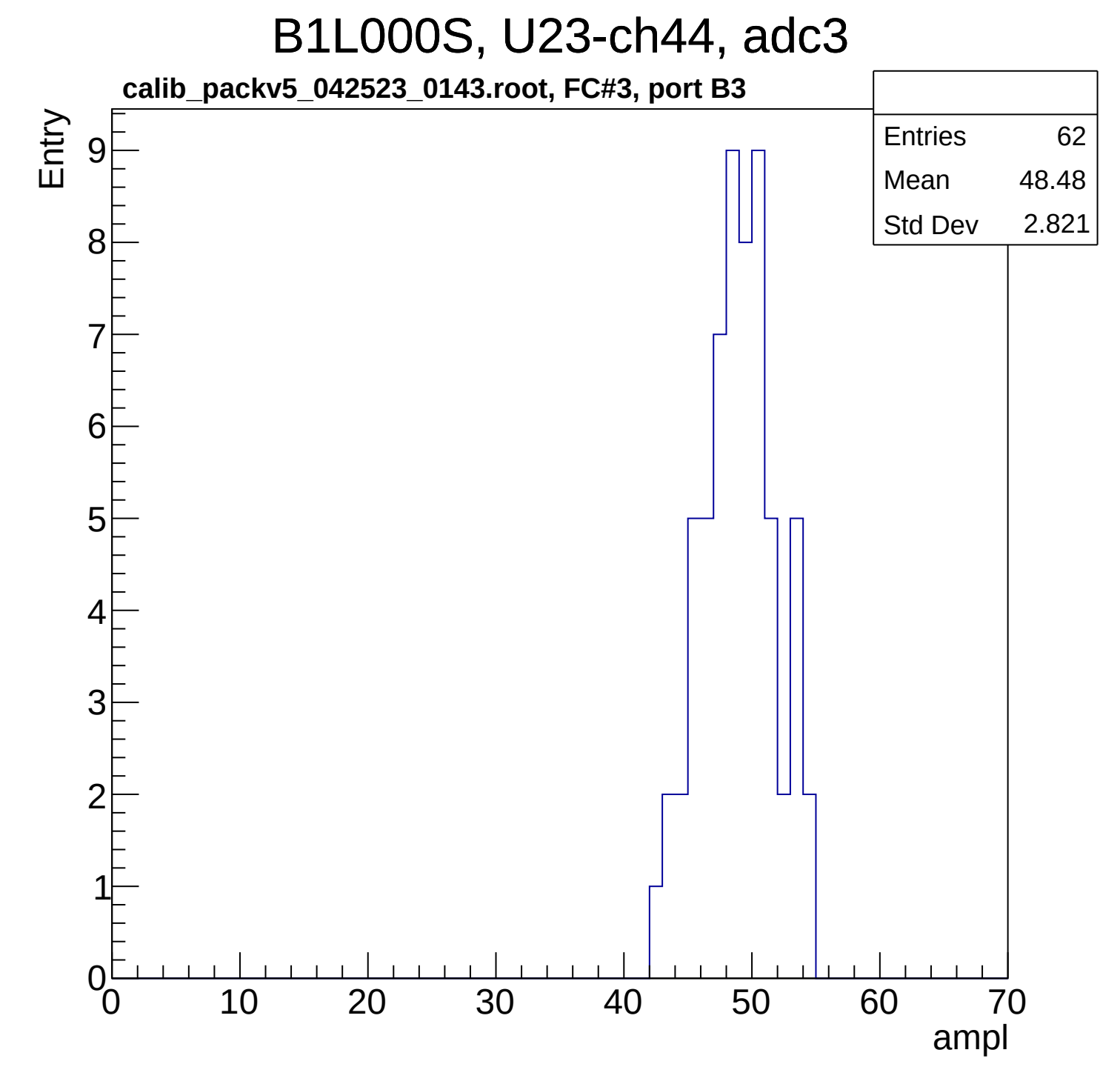

B1L000S, U23-ch43, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

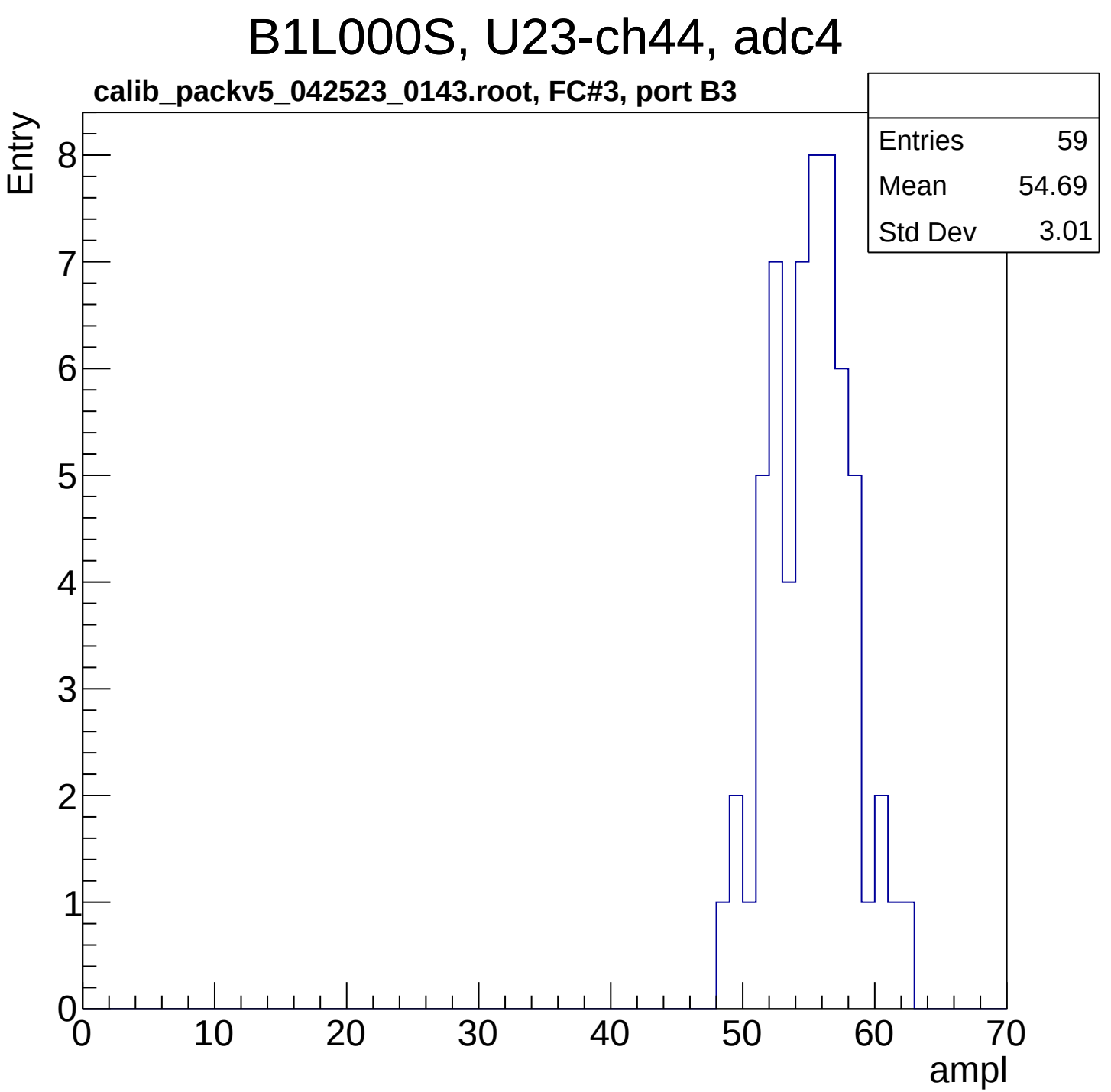

B1L000S, U23-ch43, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

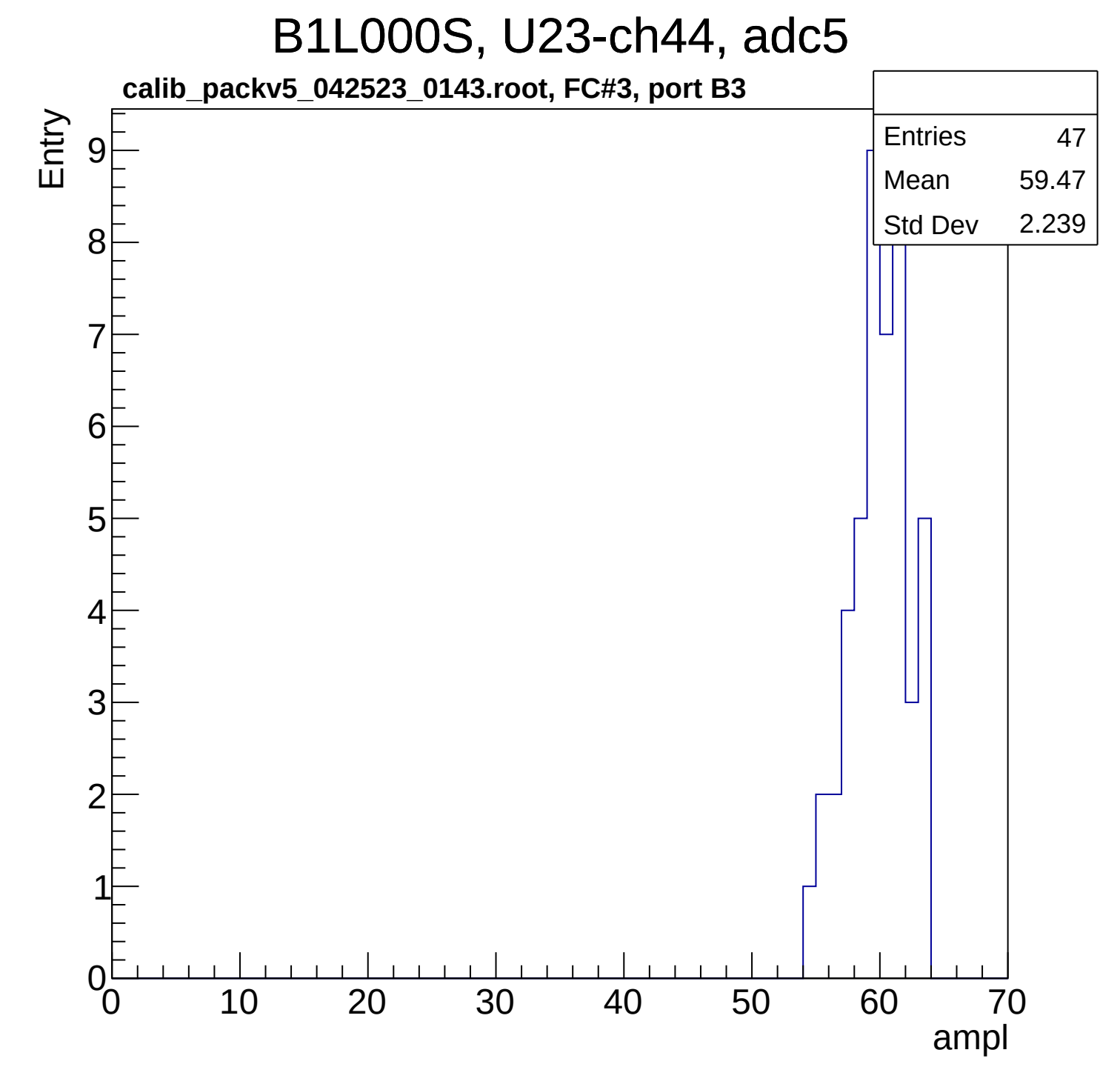

B1L000S, U23-ch44, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 30.58
Std Dev 2.936
Gaus mean : 31.1409
Gaus Width: 3.0671
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

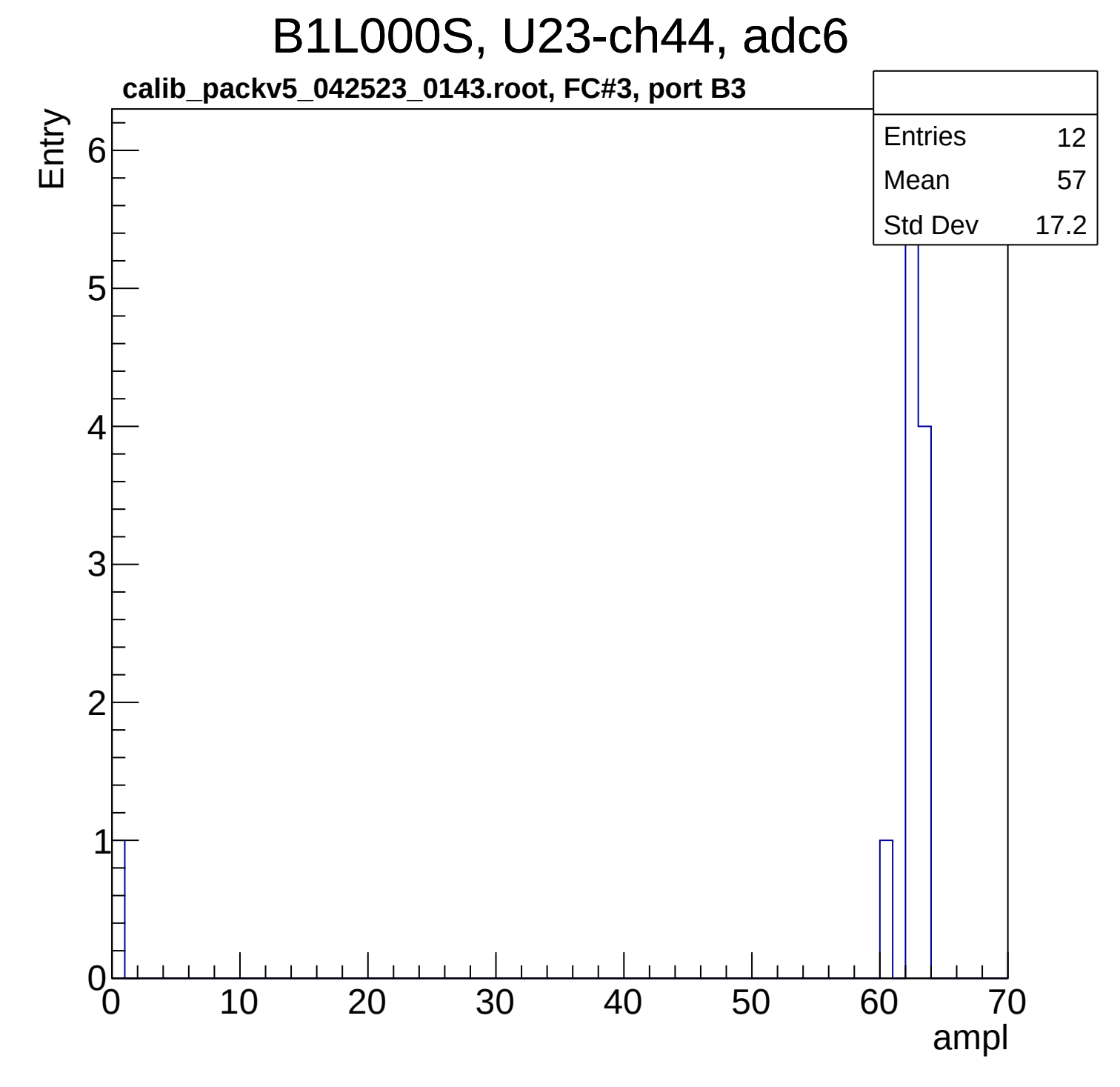

B1L000S, U23-ch44, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 36.79
Std Dev 2.572
Gaus mean : 37.8512
Gaus Width: 2.5434
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

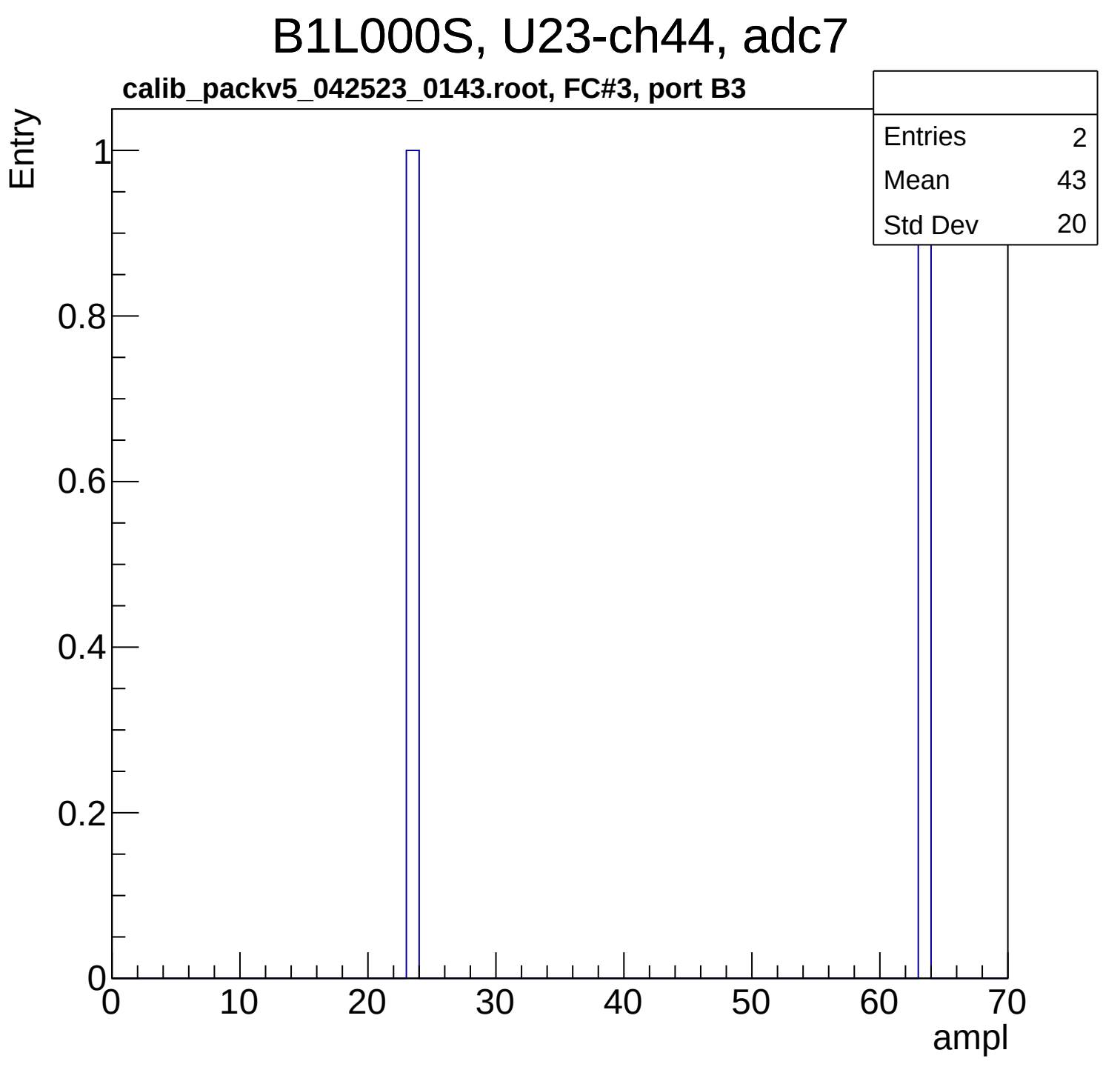

B1L000S, U23-ch44, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 42.72
Std Dev 3.231
Gaus mean : 43.5362
Gaus Width: 3.1811
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

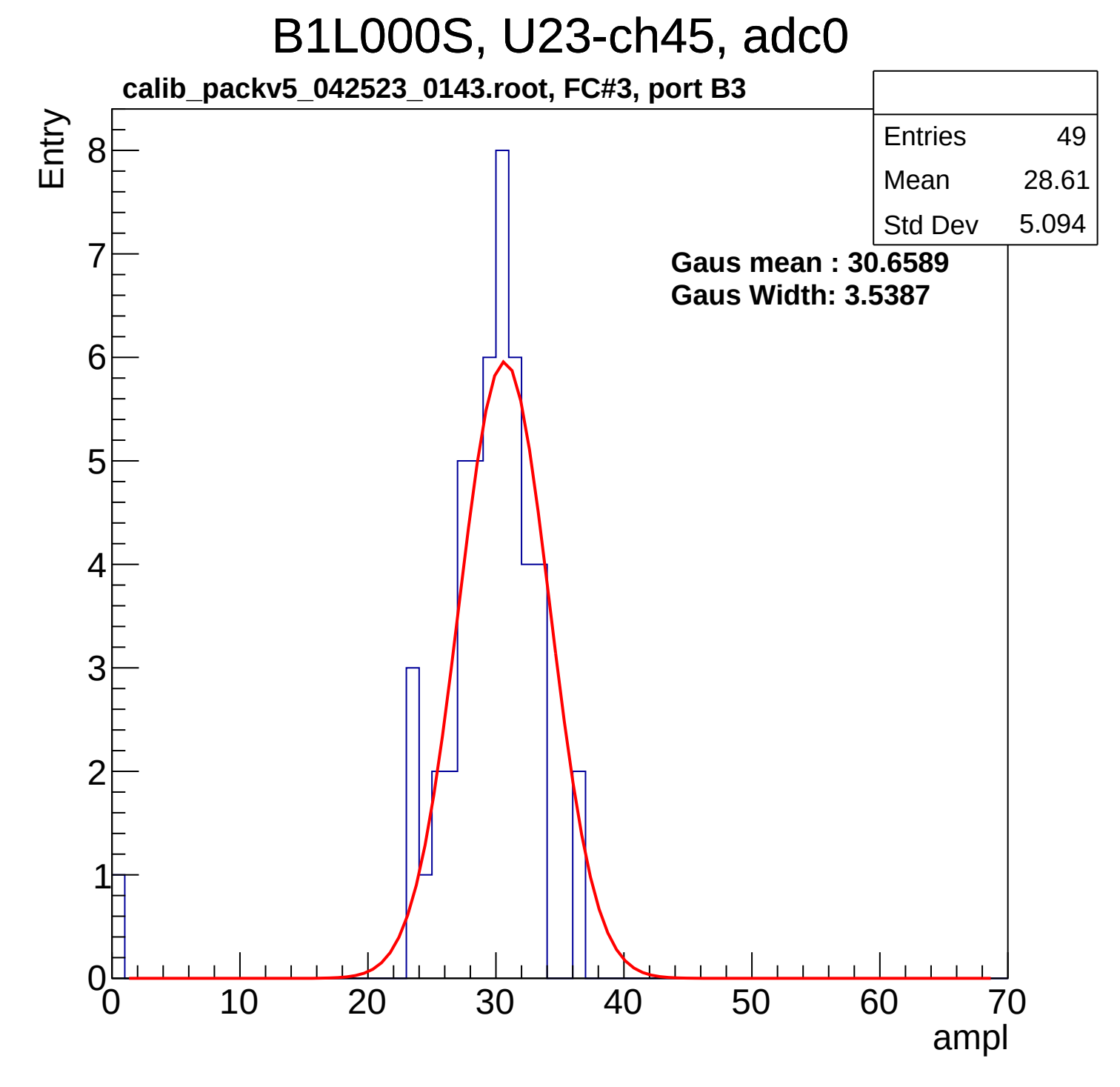

B1L000S, U23-ch44, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.48
Std Dev 2.821
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

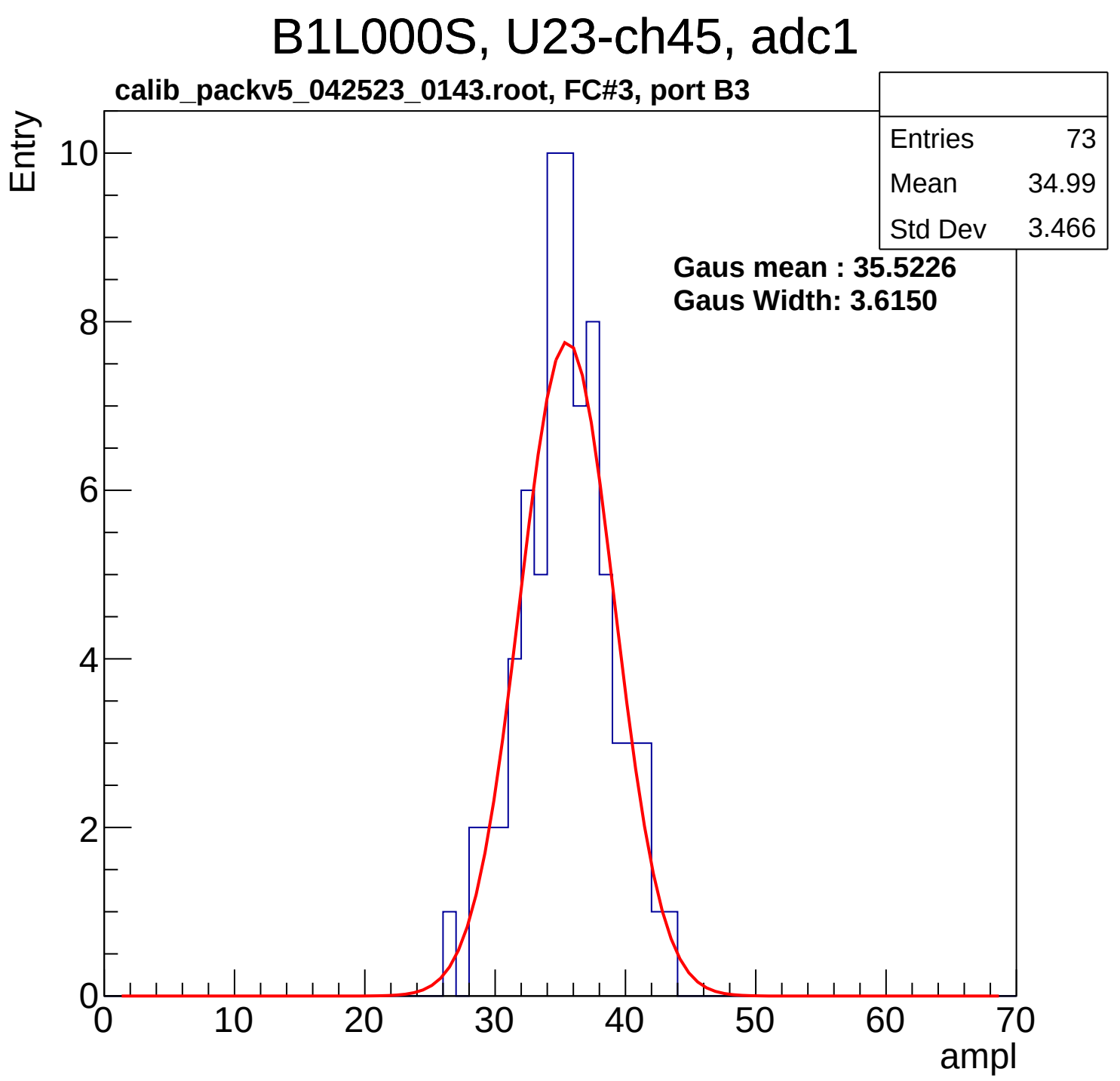

B1L000S, U23-ch44, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.69
Std Dev 3.01
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

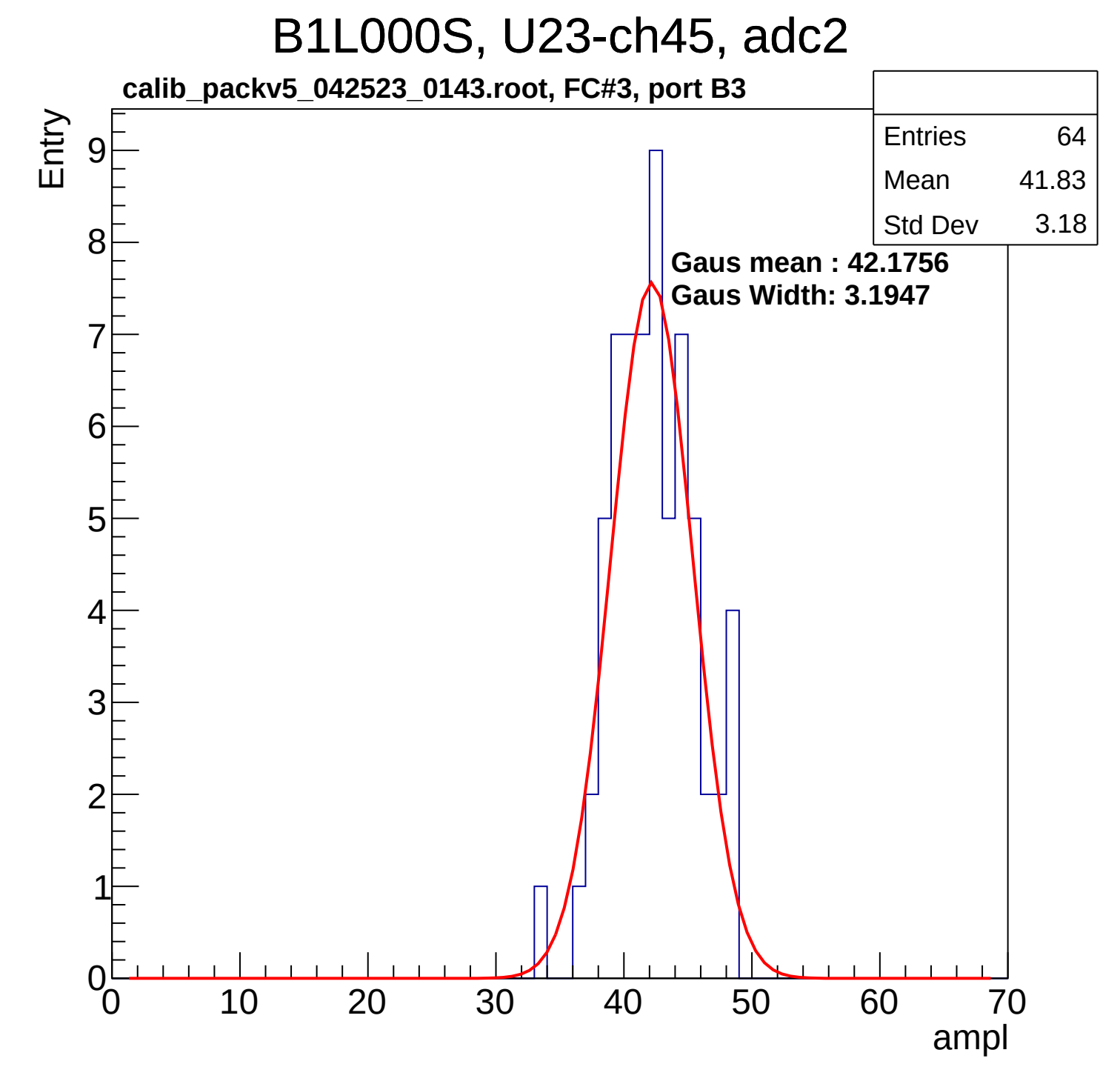

B1L000S, U23-ch44, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.47
Std Dev 2.239
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

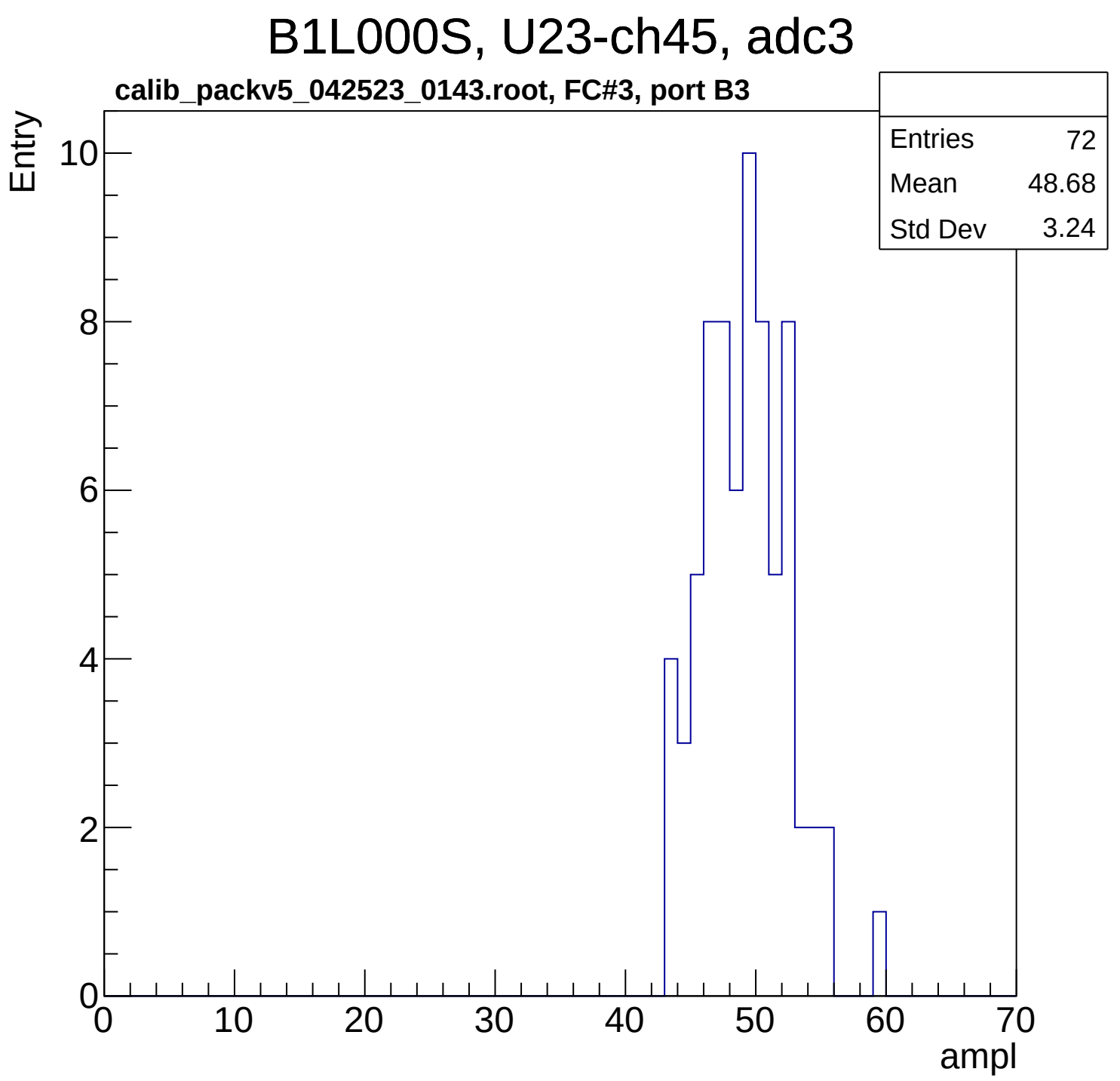

B1L000S, U23-ch44, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 57
Std Dev 17.2
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

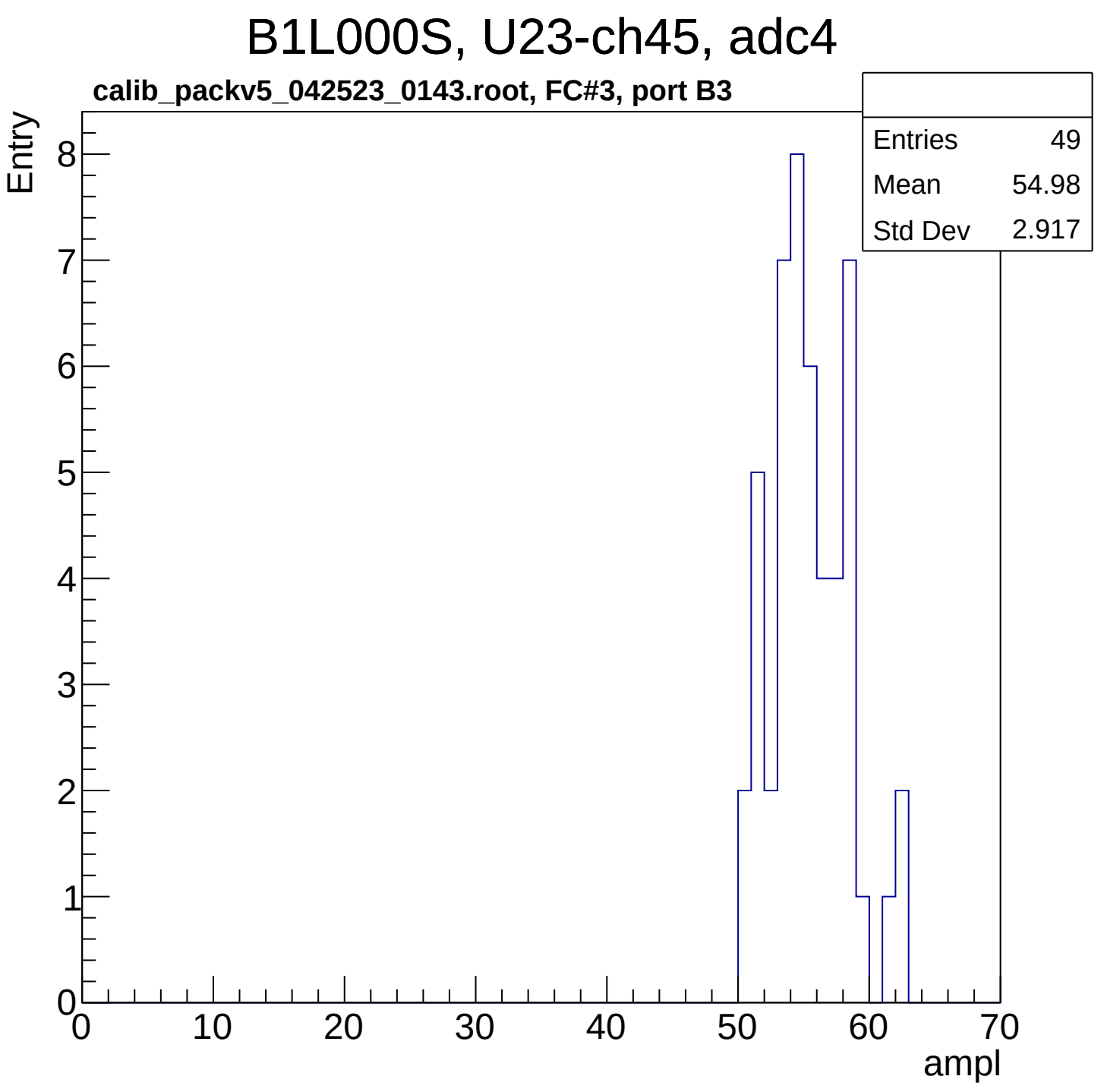

B1L000S, U23-ch44, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 43
Std Dev 20
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch45, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 28.61
Std Dev 5.094
Gaus mean : 30.6589
Gaus Width: 3.5387
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch45, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 34.99
Std Dev 3.466
Gaus mean : 35.5226
Gaus Width: 3.6150
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch45, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.83
Std Dev 3.18
Gaus mean : 42.1756
Gaus Width: 3.1947
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch45, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 48.68
Std Dev 3.24
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch45, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.98
Std Dev 2.917
Entry
ampl
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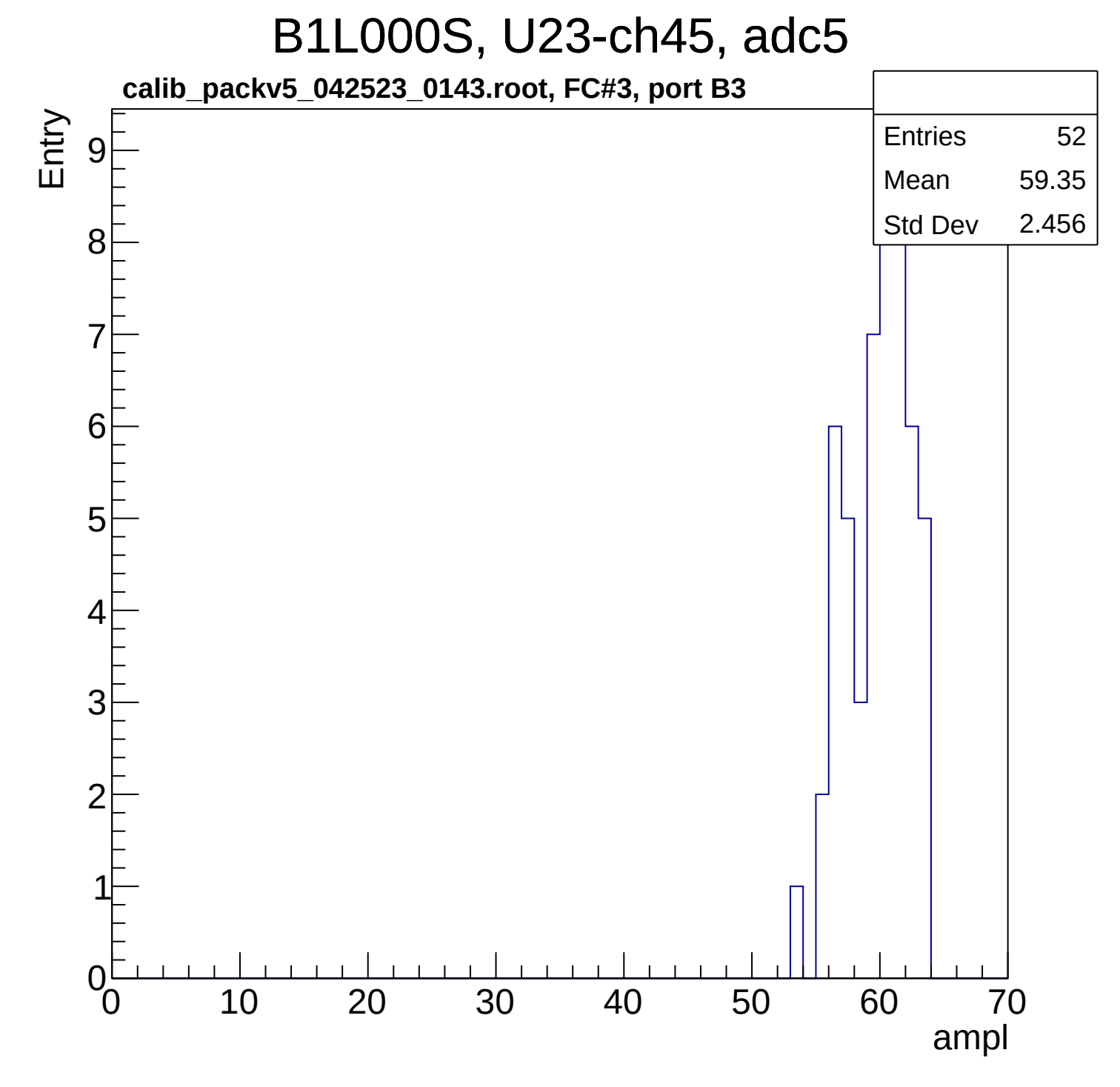
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch45, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.35
Std Dev 2.456
Entry
ampl
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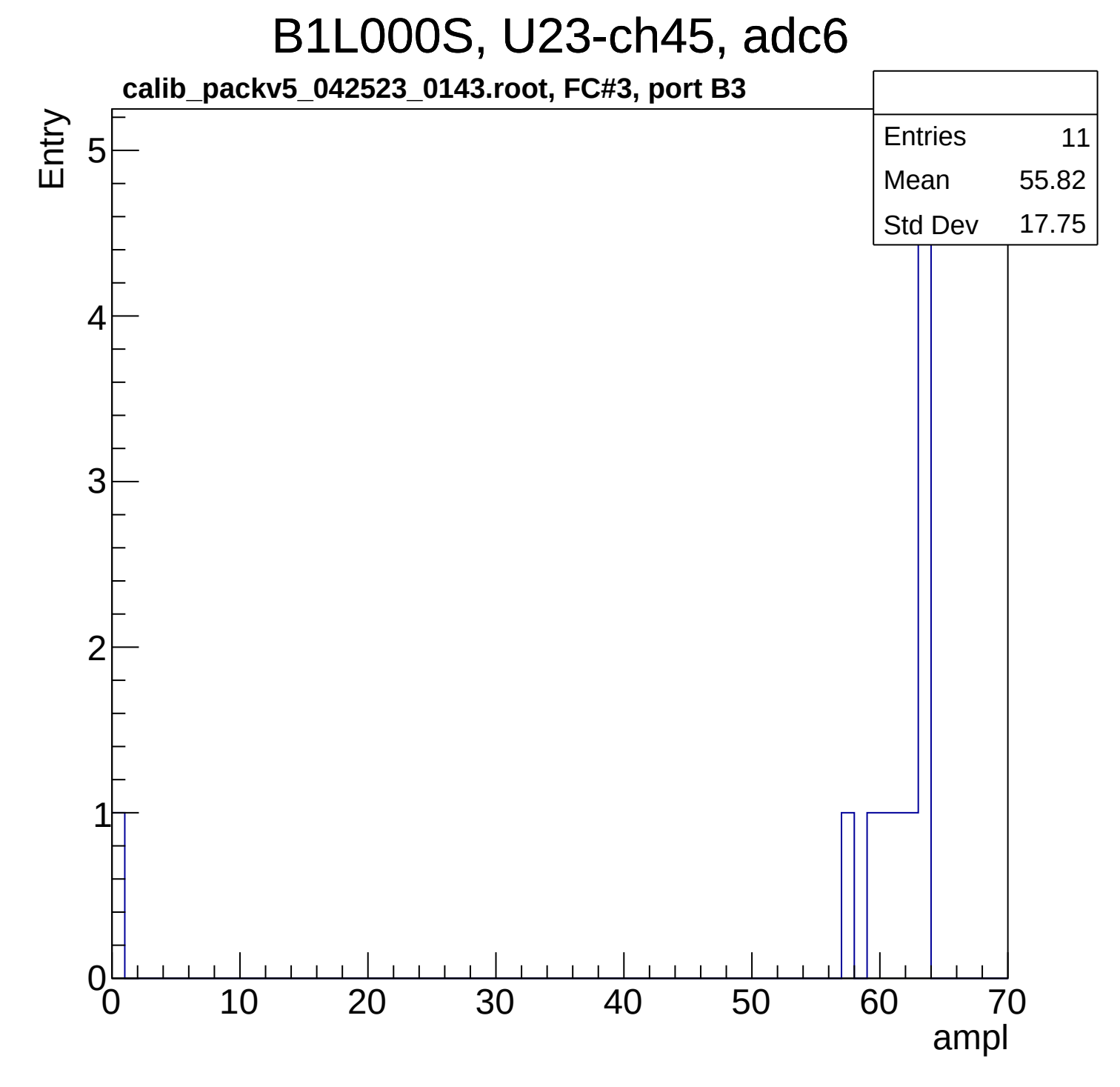
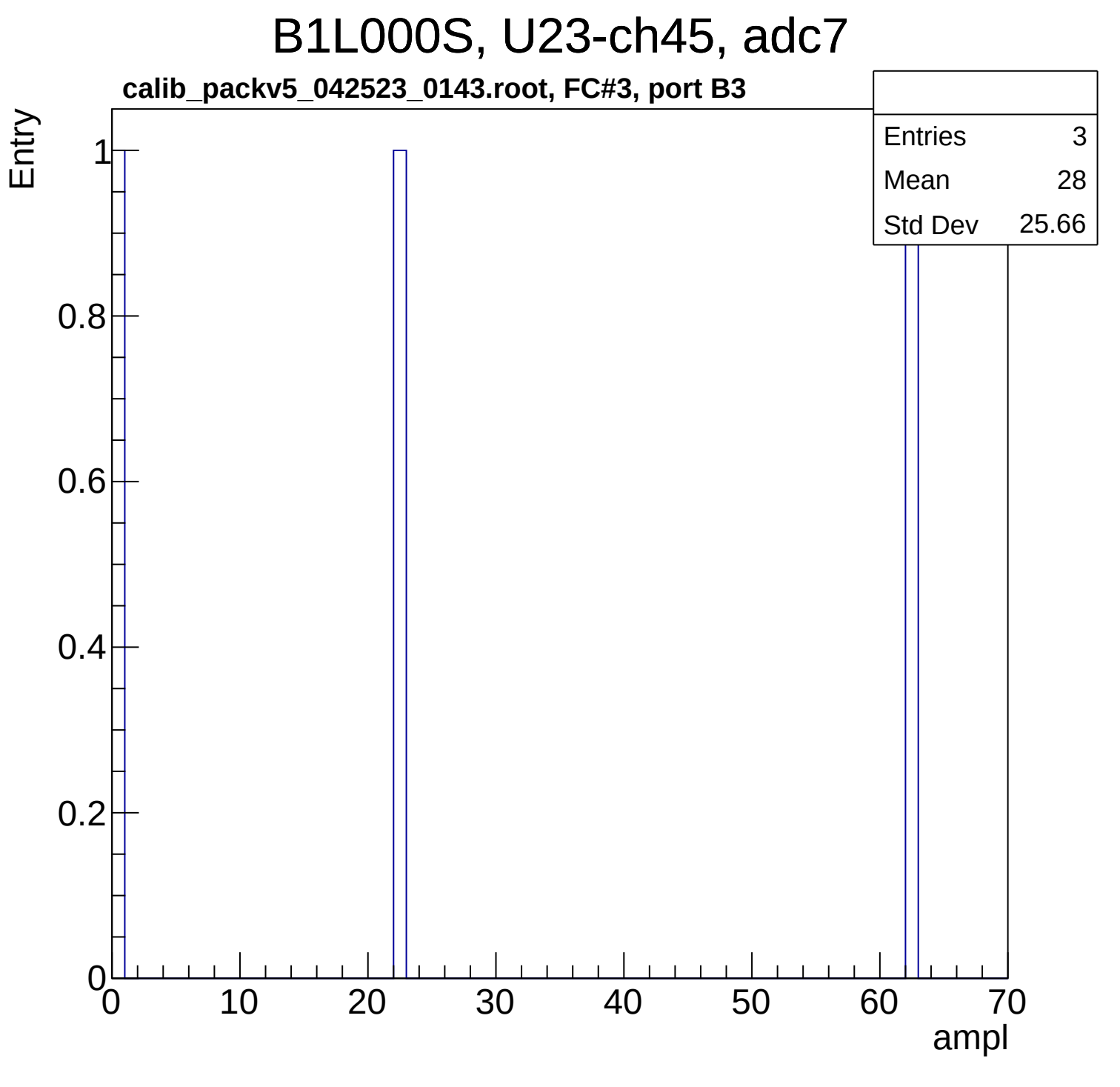
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch45, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 55.82
Std Dev 17.75
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch45, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28
Std Dev 25.66
Entry
ampl
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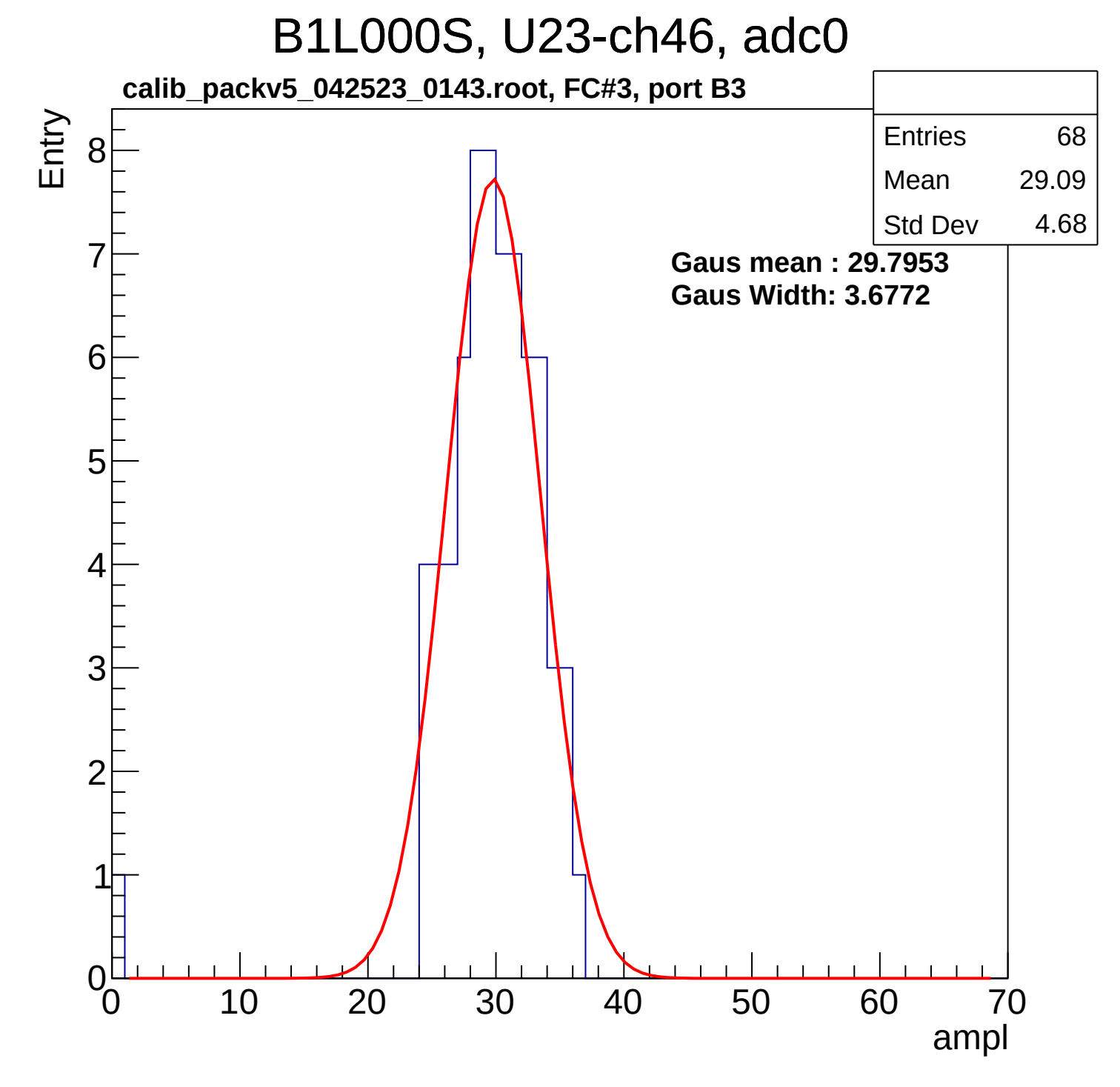
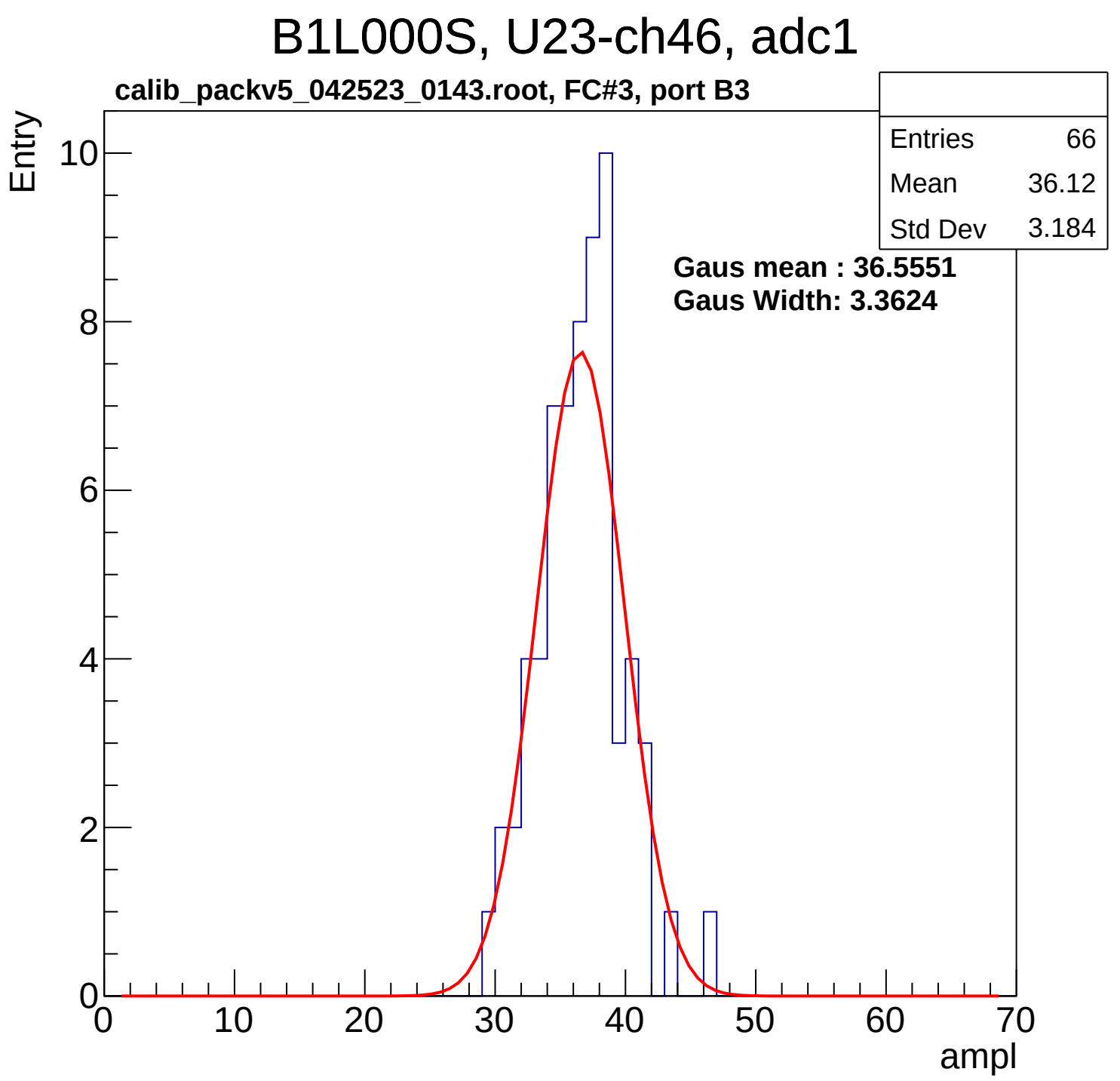
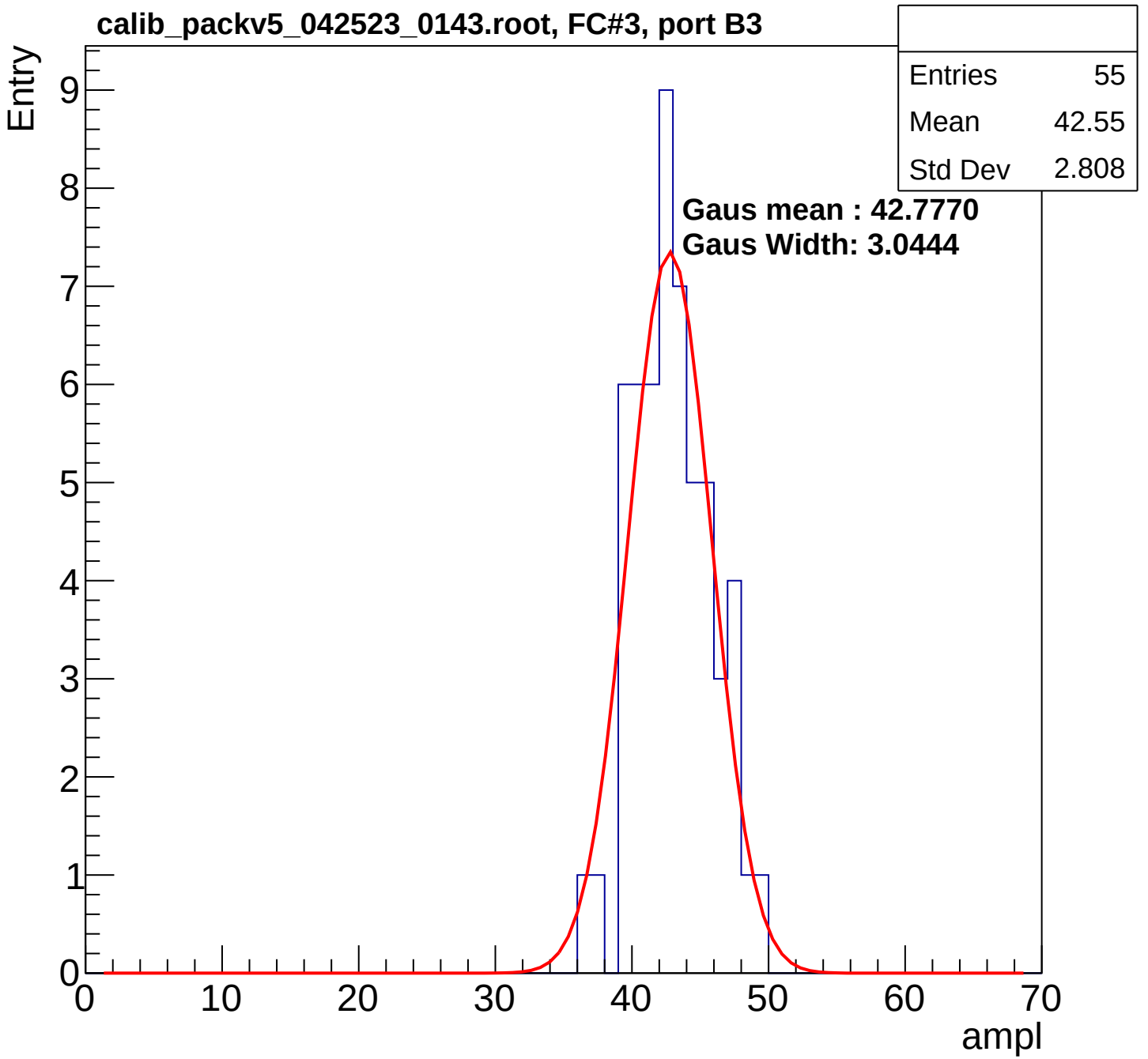
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U23-ch46, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.09
Std Dev 4.68
Gaus mean : 29.7953
Gaus Width: 3.6772
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch46, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.12
Std Dev 3.184
Gaus mean : 36.5551
Gaus Width: 3.3624
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch46, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 42.55
Std Dev 2.808
Gaus mean : 42.7770
Gaus Width: 3.0444
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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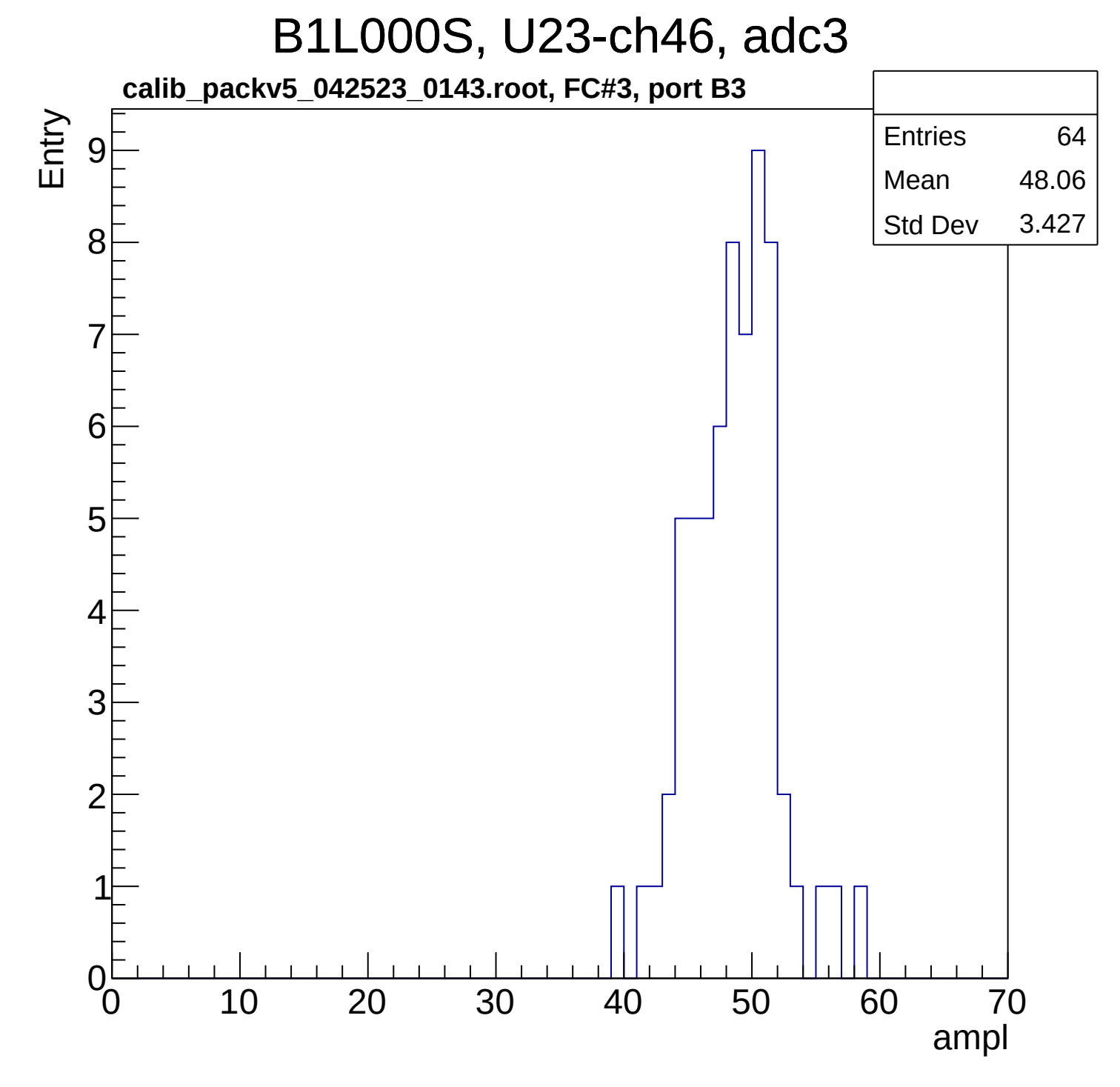
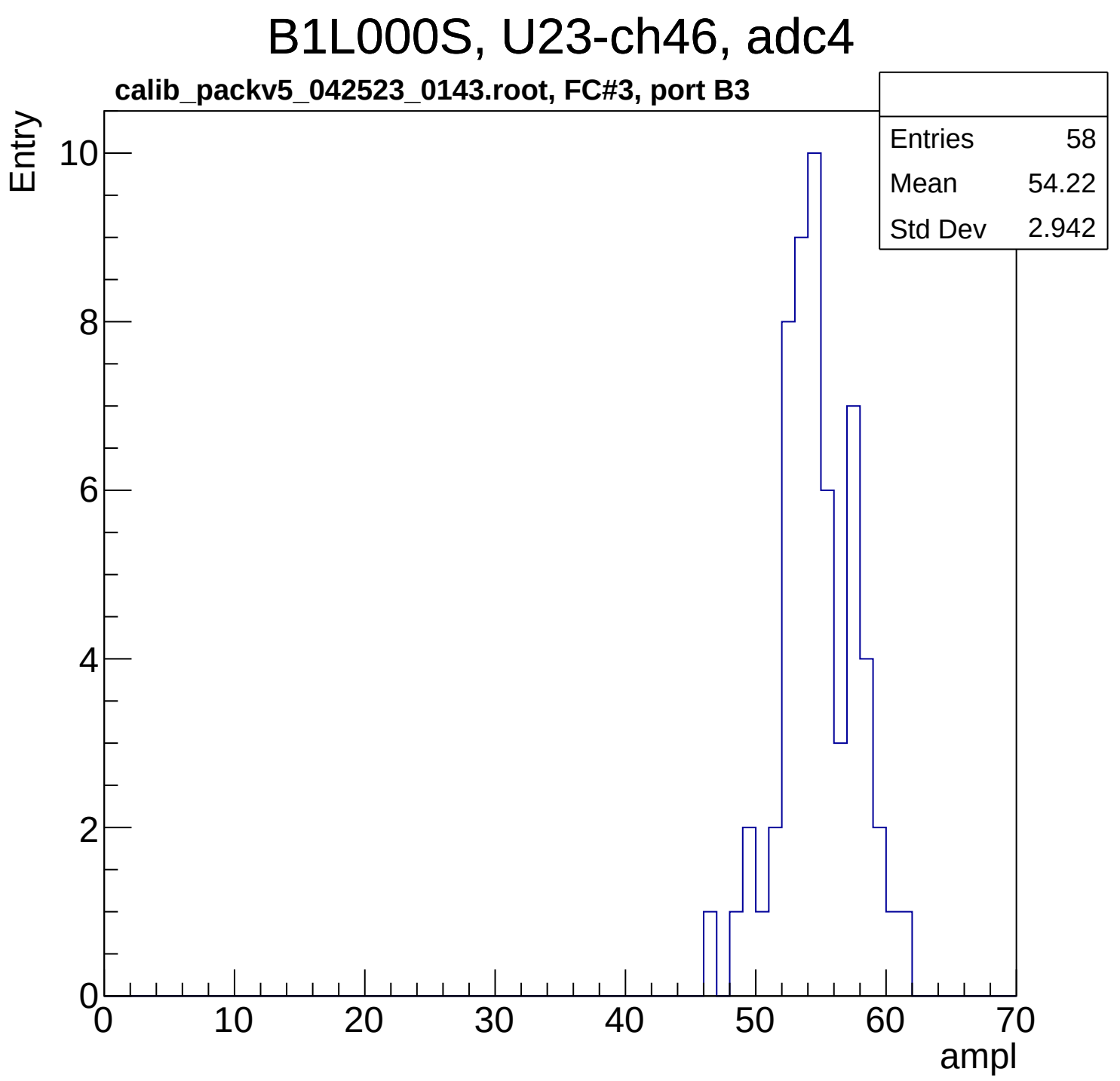
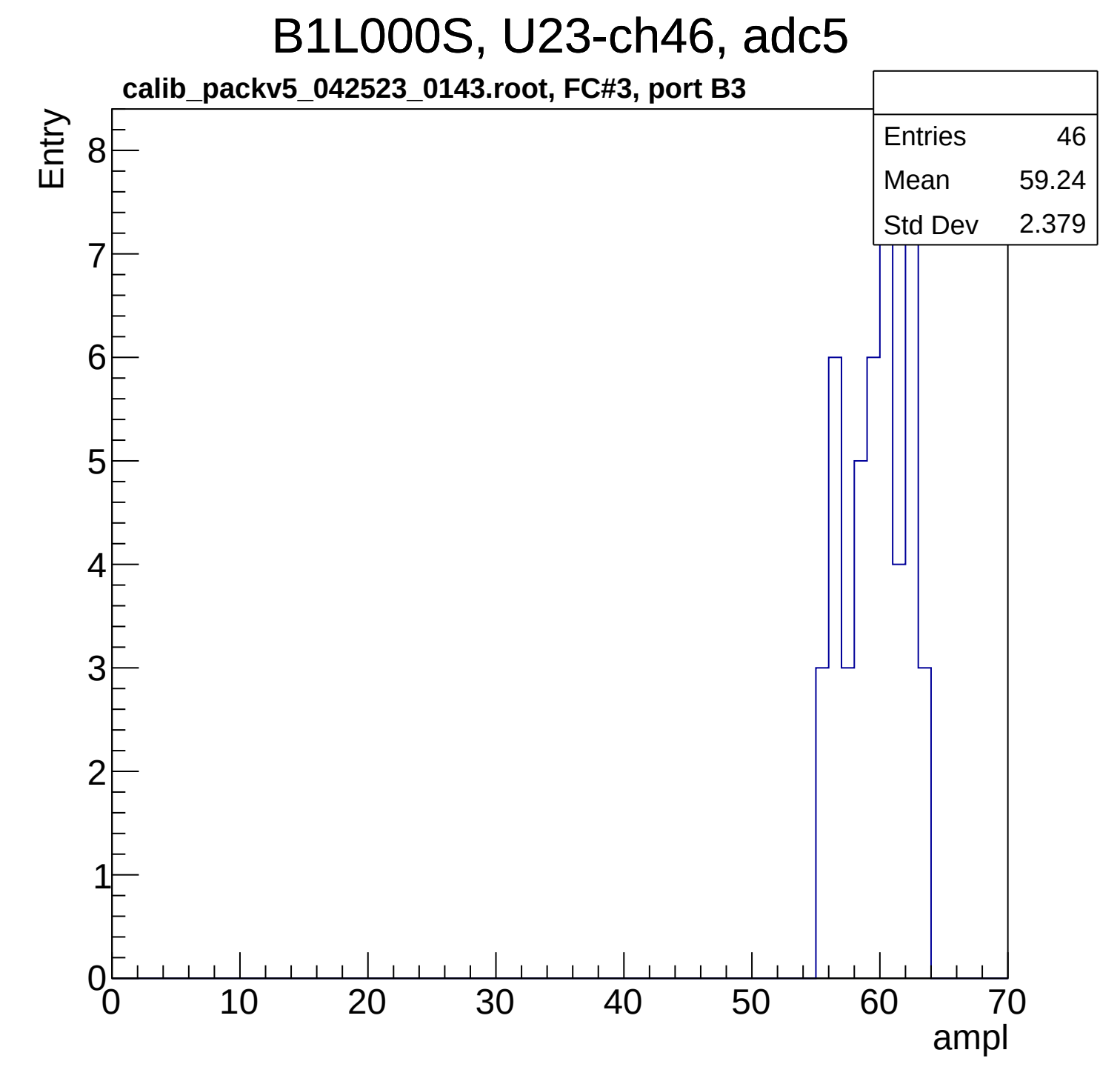

B1L000S, U23-ch46, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.06
Std Dev 3.427
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch46, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 54.22
Std Dev 2.942
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch46, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.24
Std Dev 2.379
Entry
ampl
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1
2
3
4
5
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7
8
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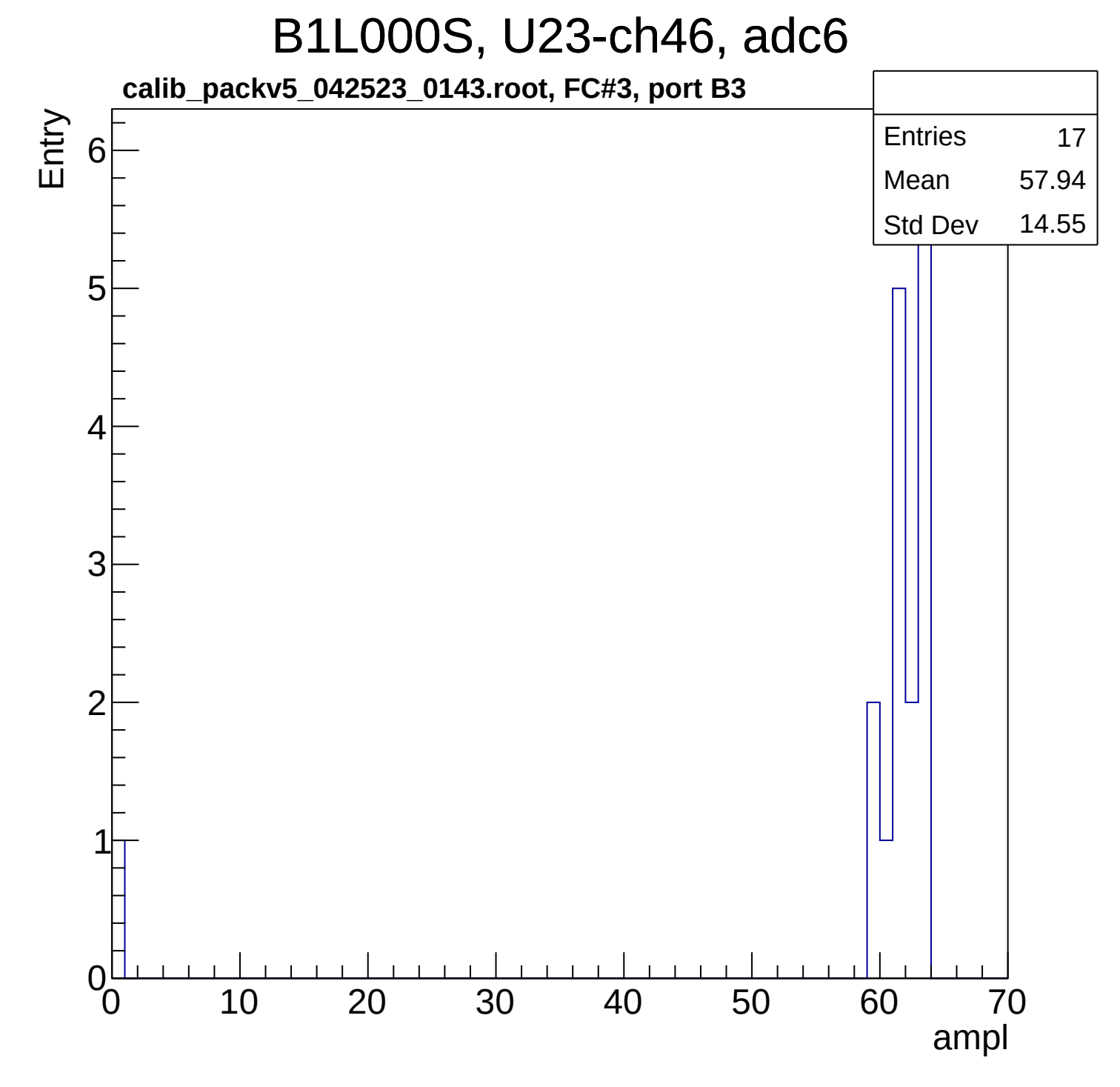
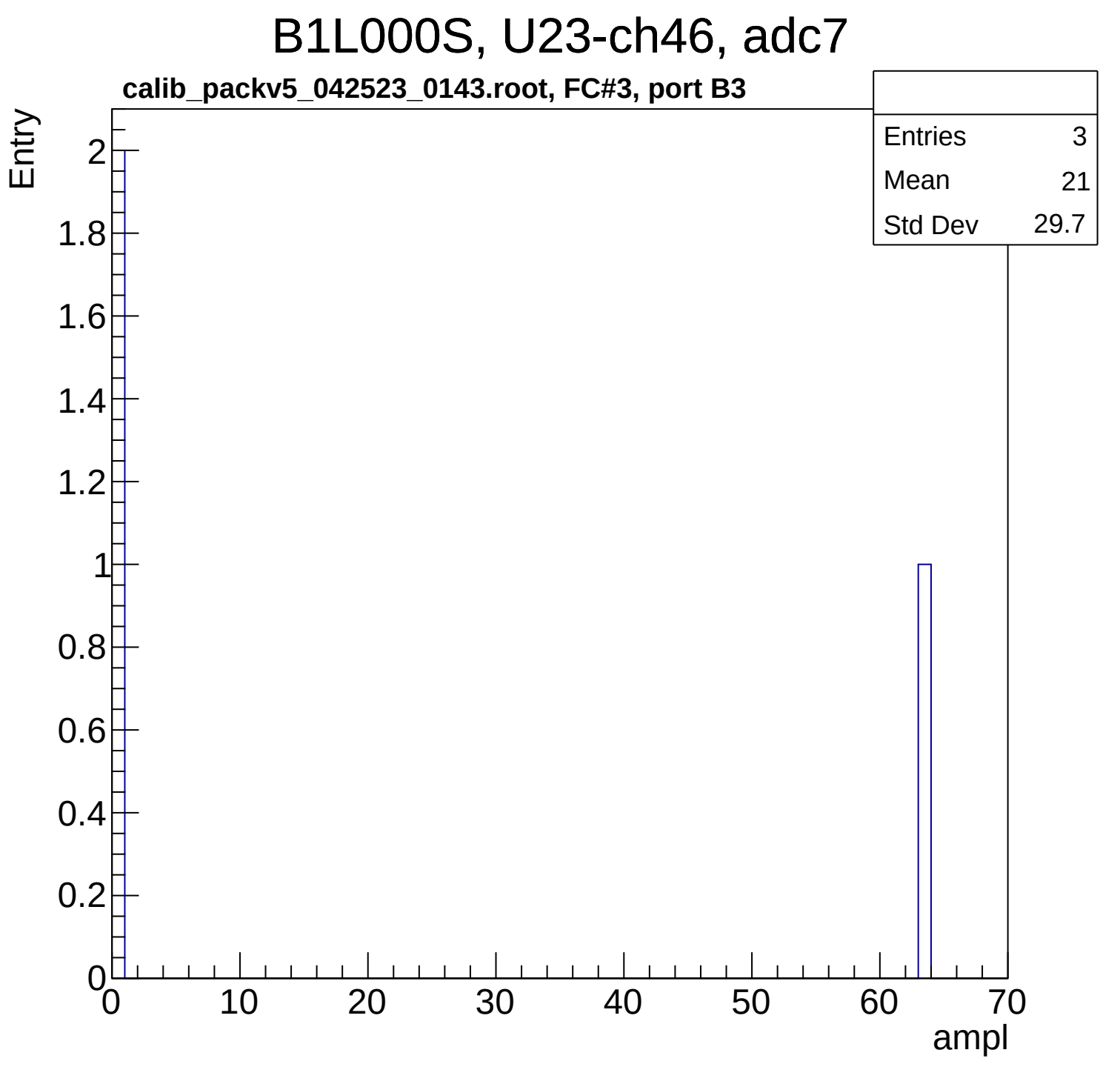

B1L000S, U23-ch46, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.94
Std Dev 14.55
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch46, 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
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60
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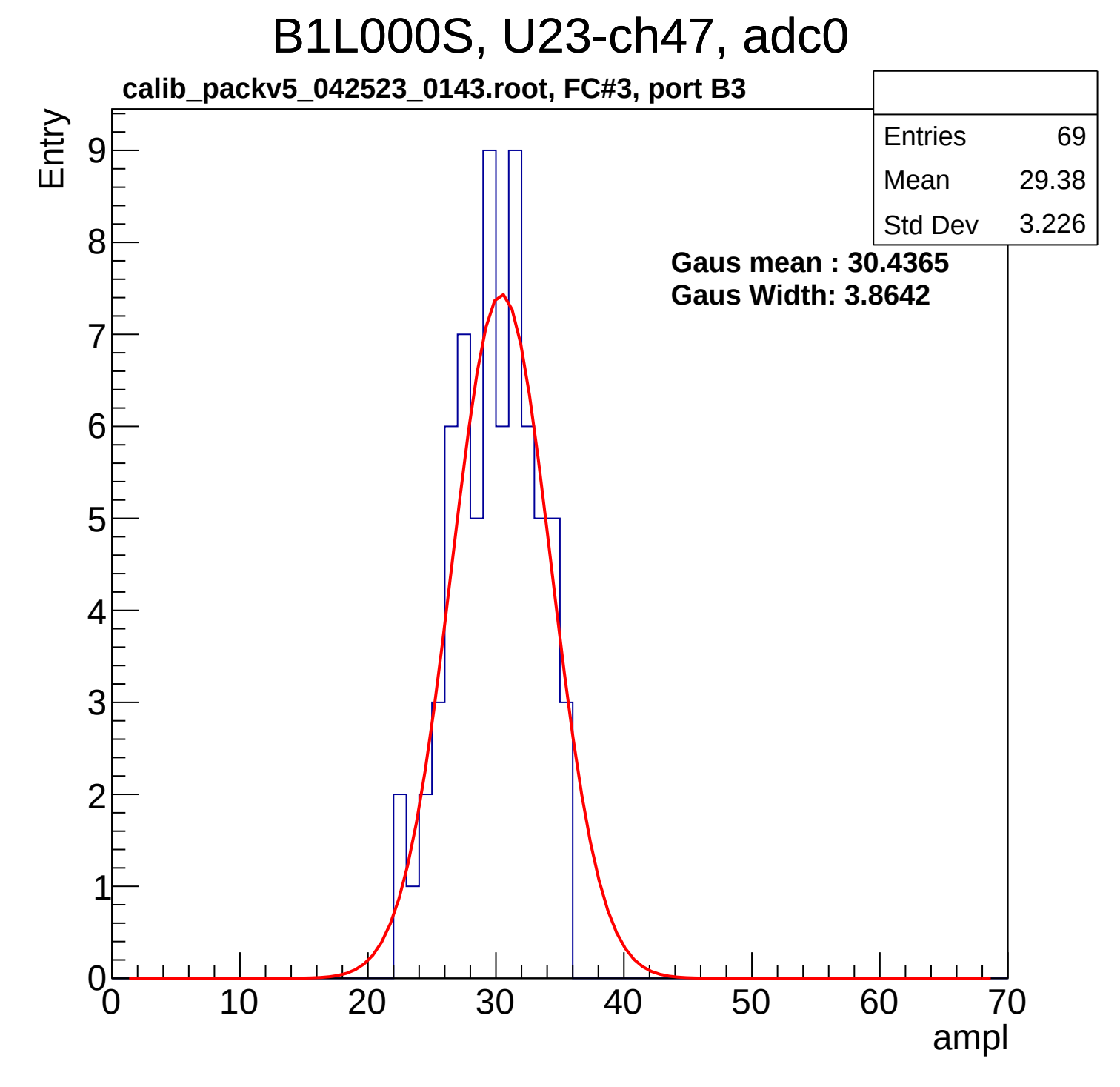
B1L000S, U23-ch47, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 29.38
Std Dev 3.226
Gaus mean : 30.4365
Gaus Width: 3.8642
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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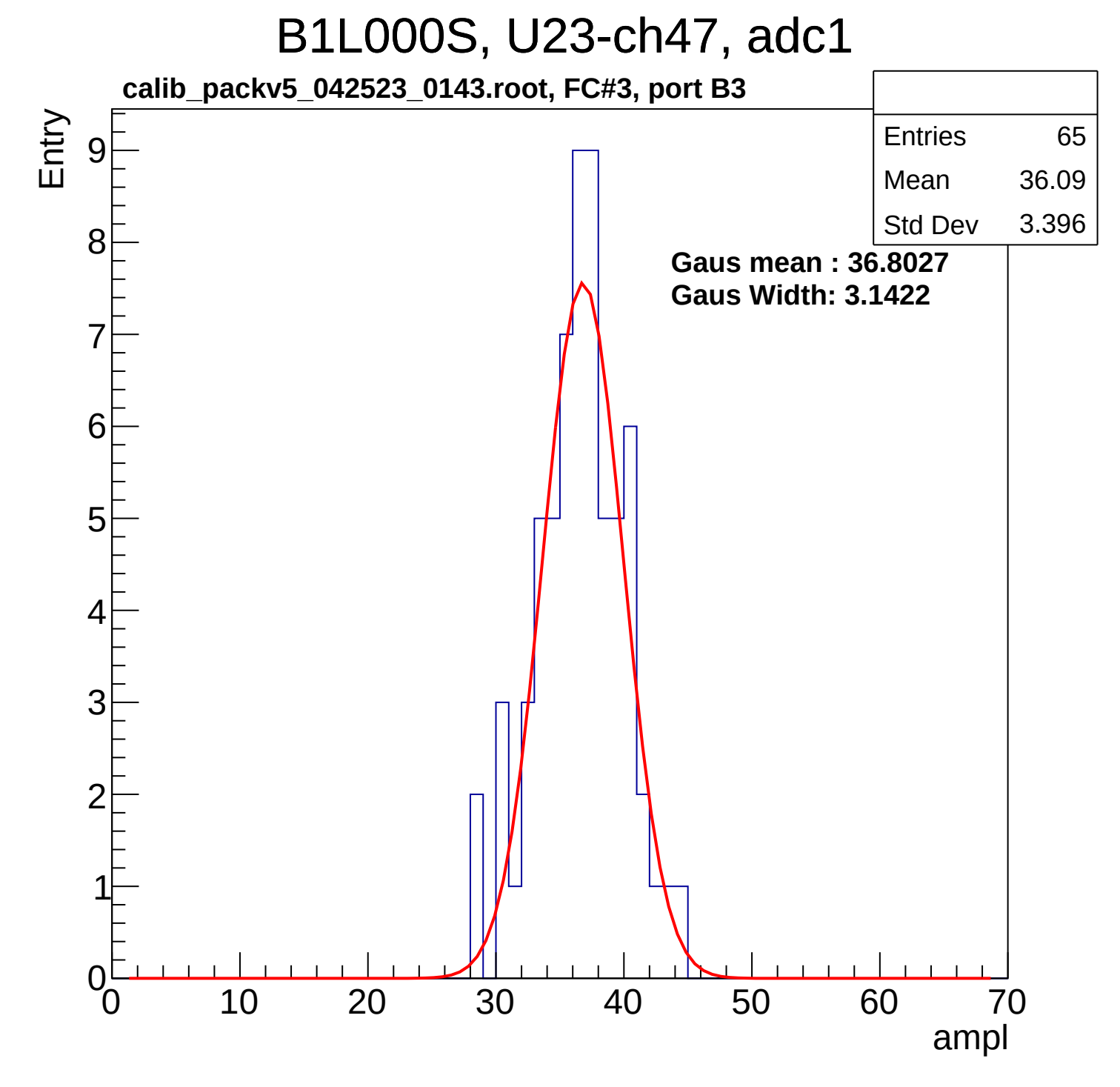
B1L000S, U23-ch47, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 36.09
Std Dev 3.396
Gaus mean : 36.8027
Gaus Width: 3.1422
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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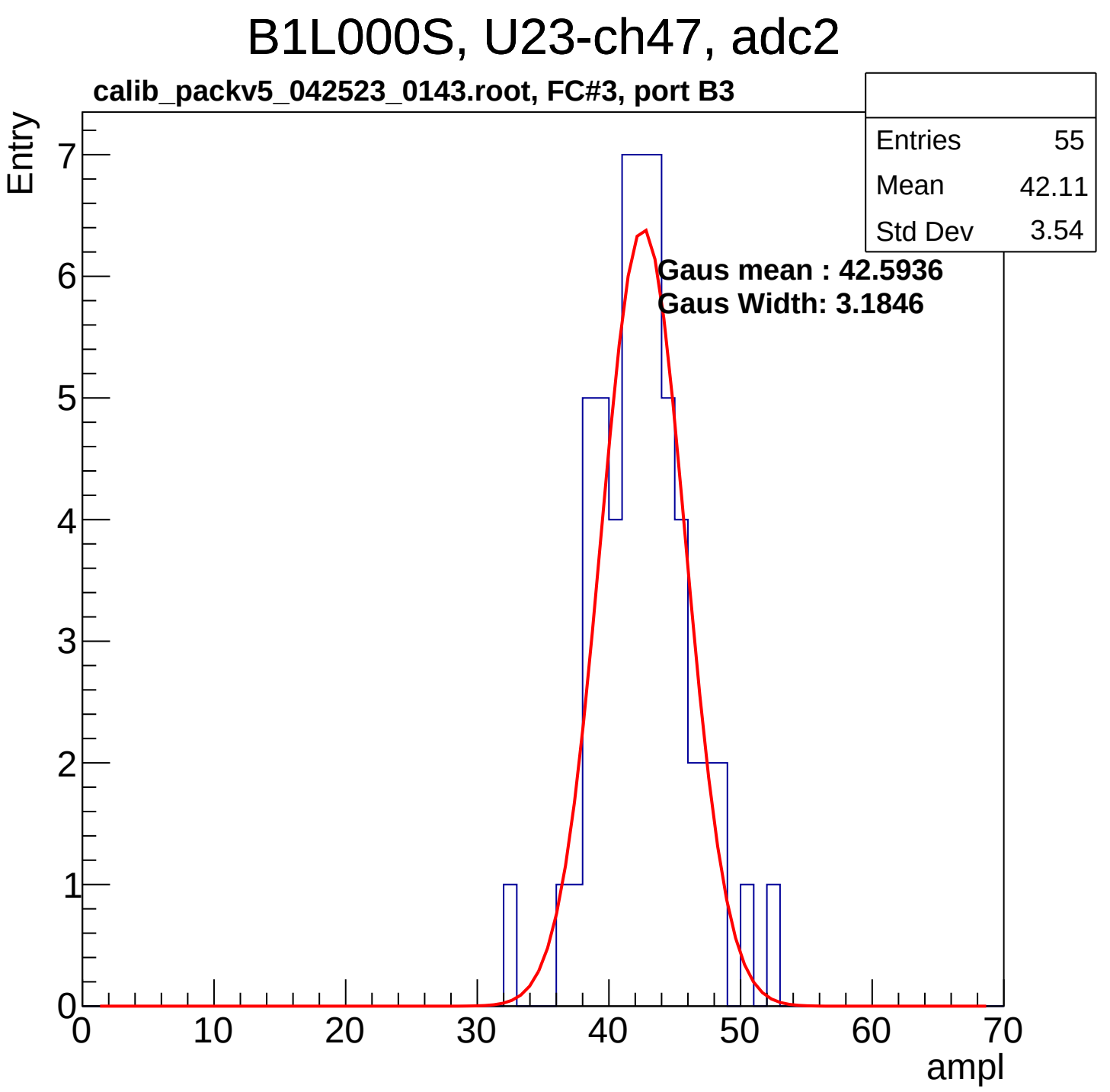
B1L000S, U23-ch47, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 42.11
Std Dev 3.54
Gaus mean : 42.5936
Gaus Width: 3.1846
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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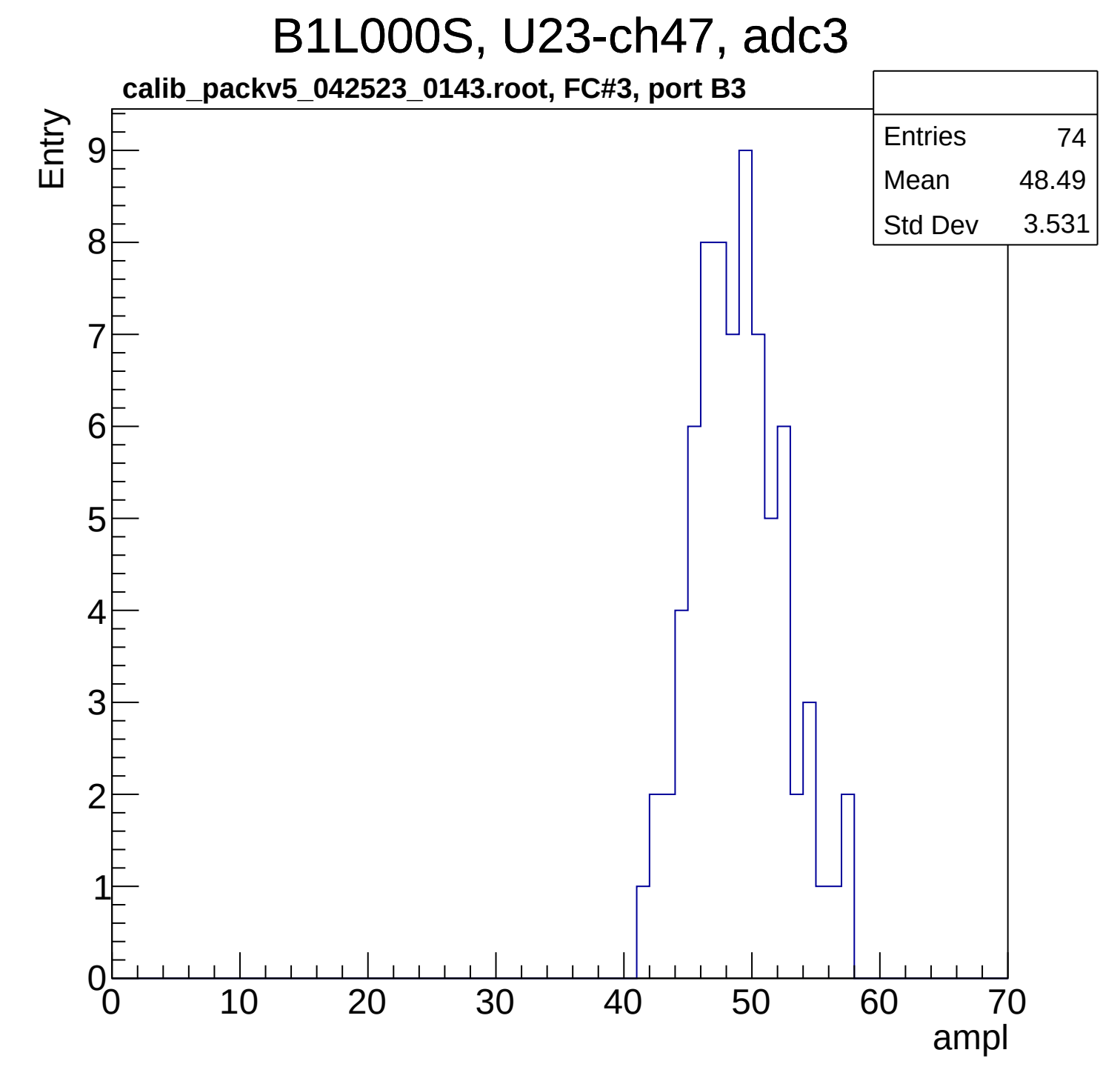
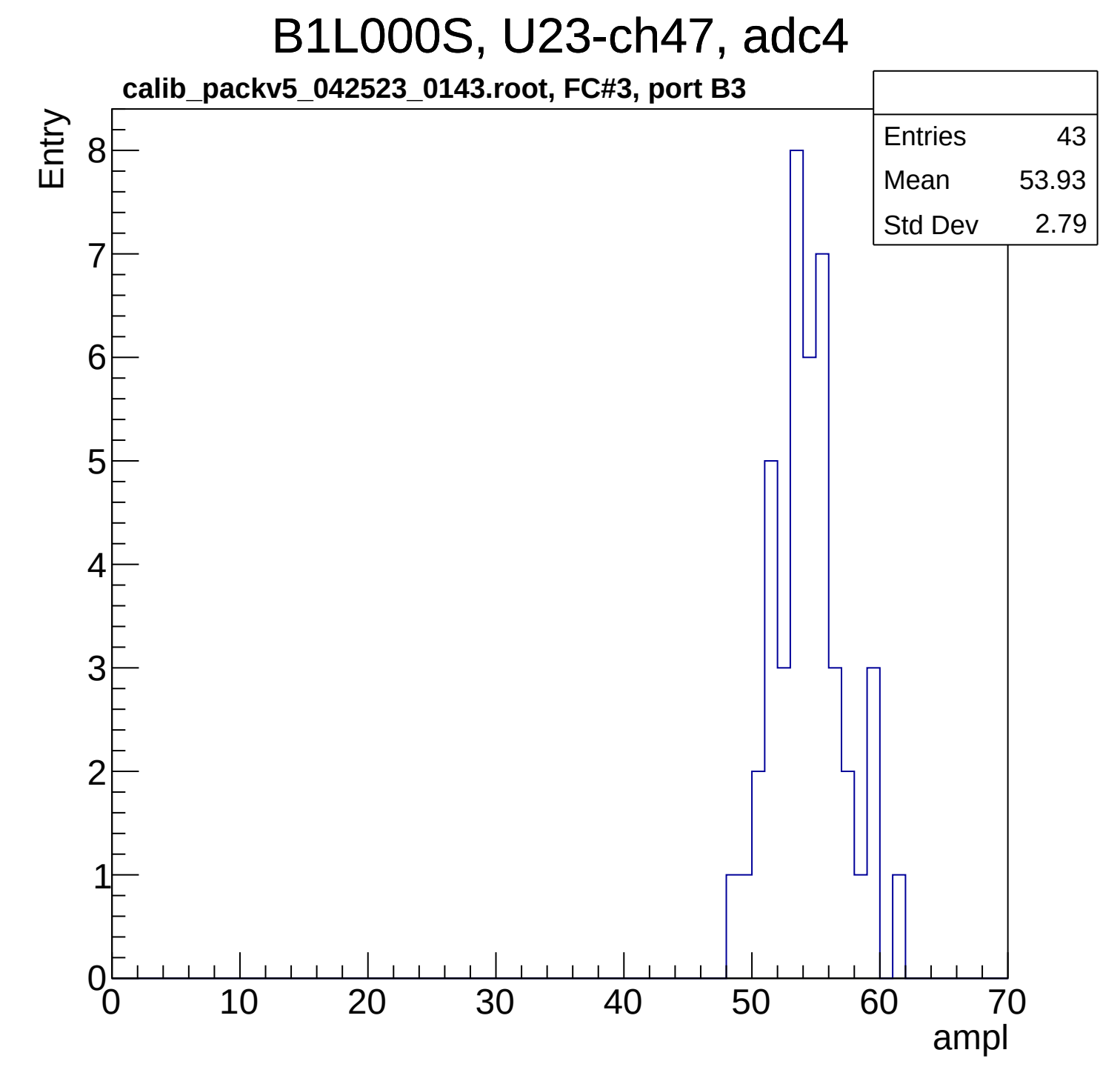
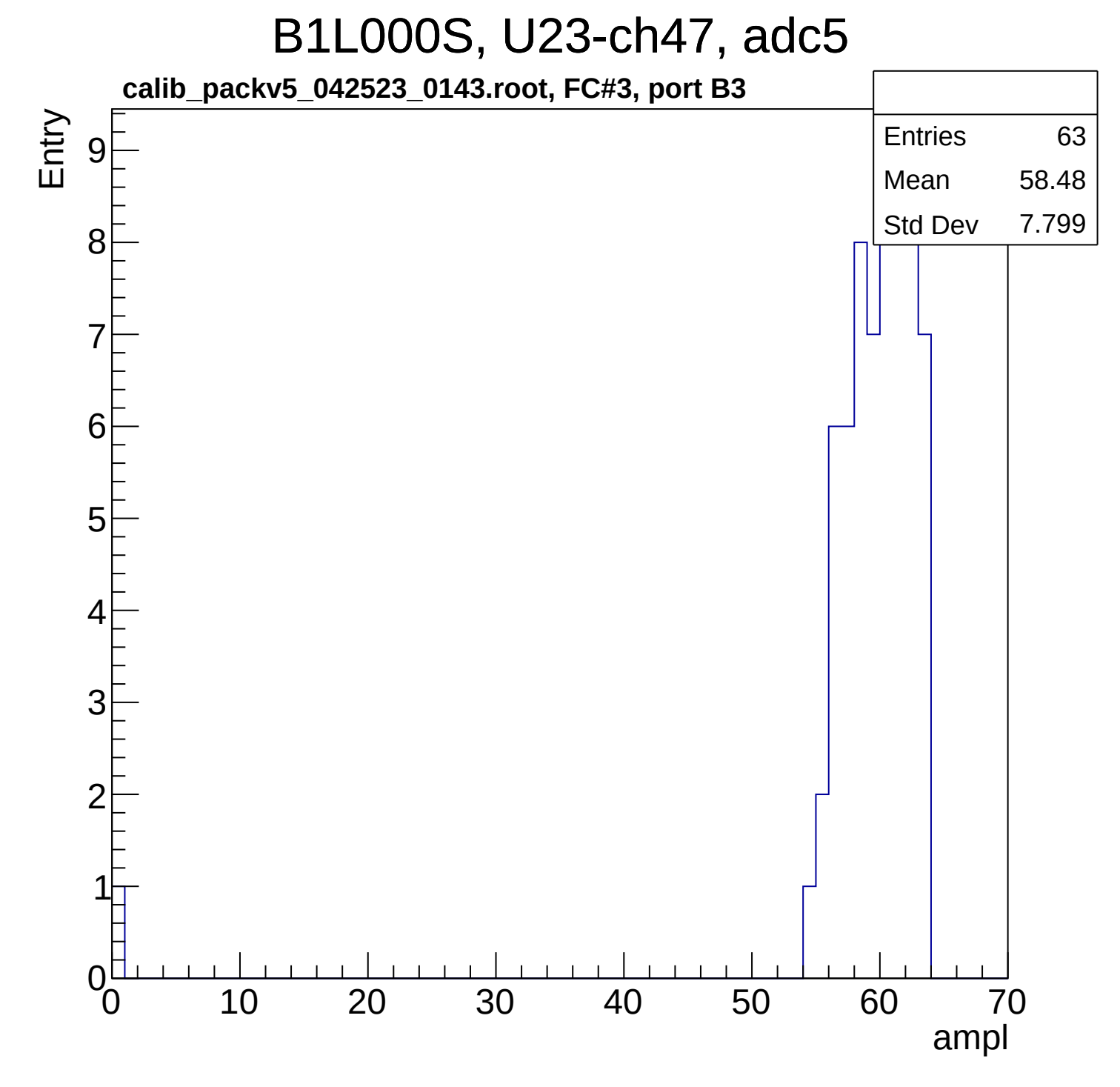
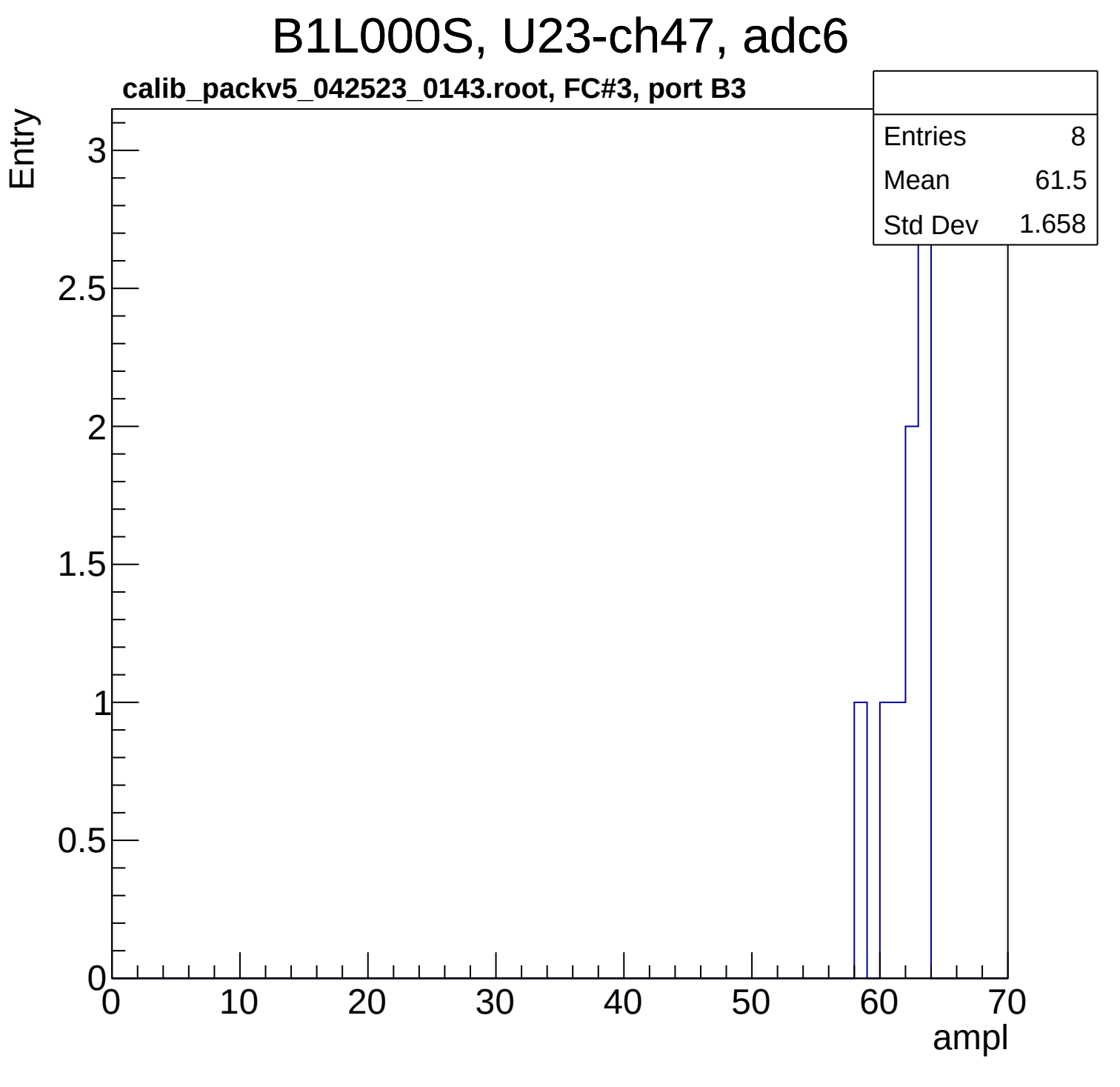
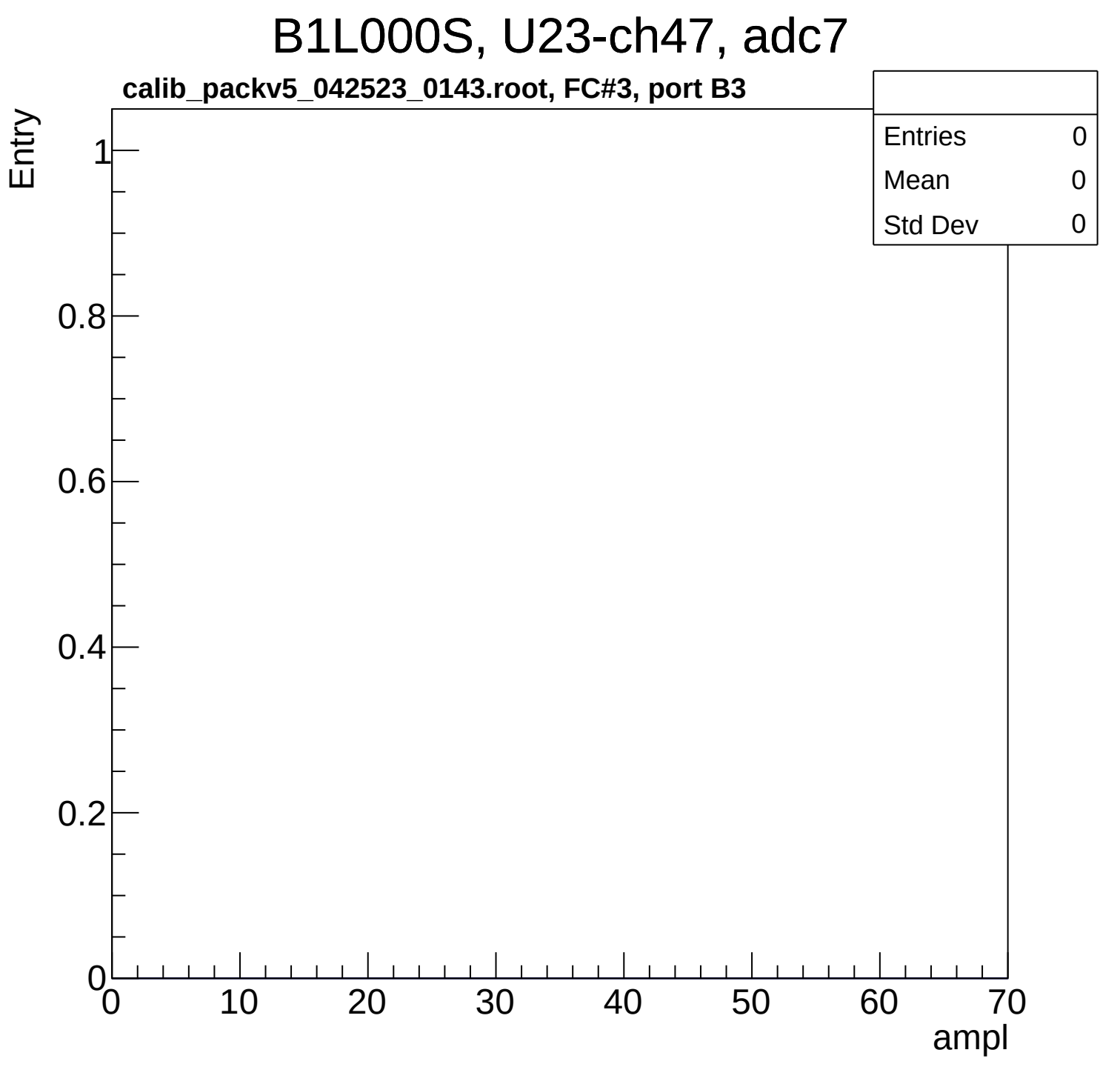
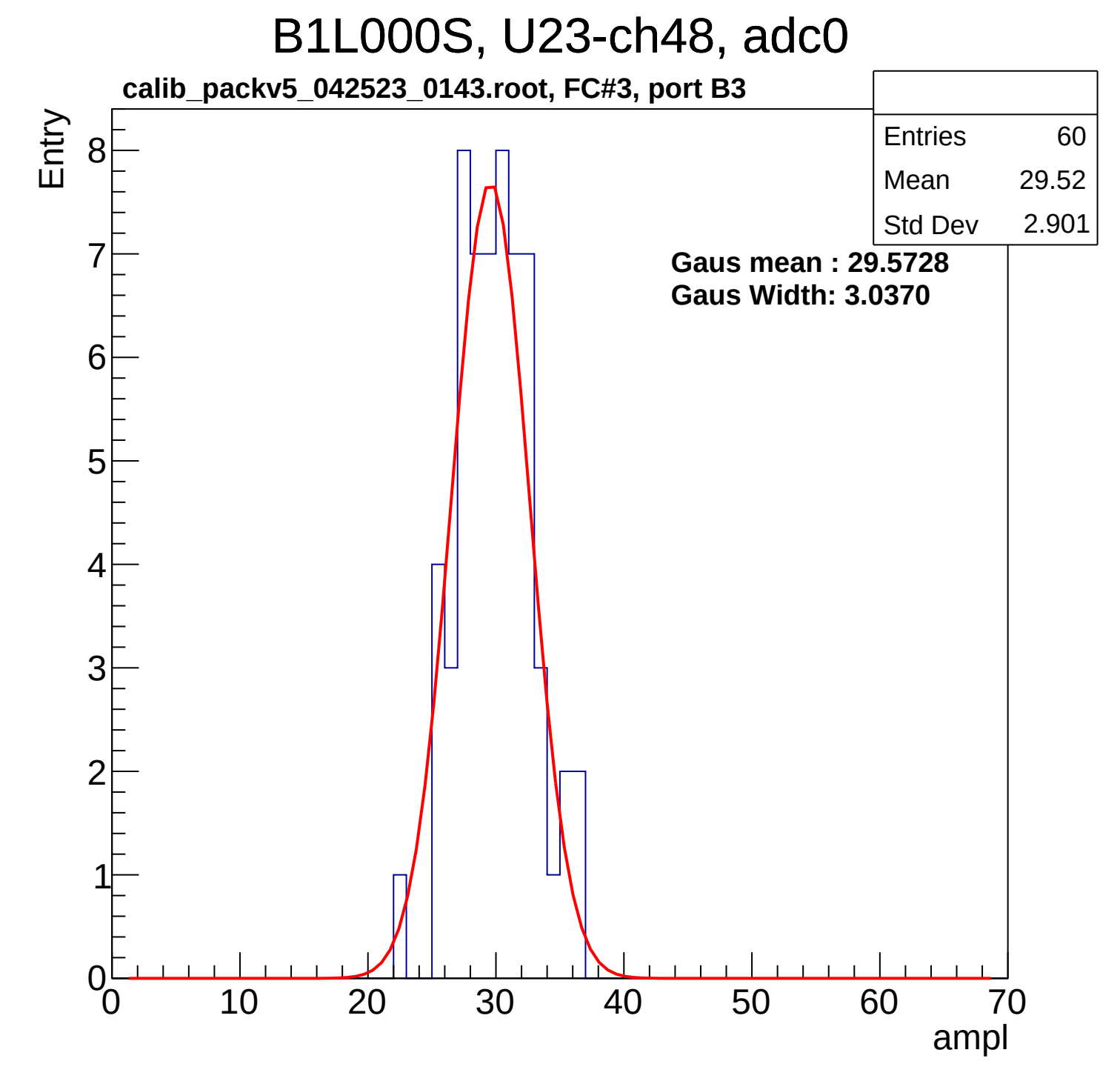

B1L000S, U23-ch47, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 48.49
Std Dev 3.531
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

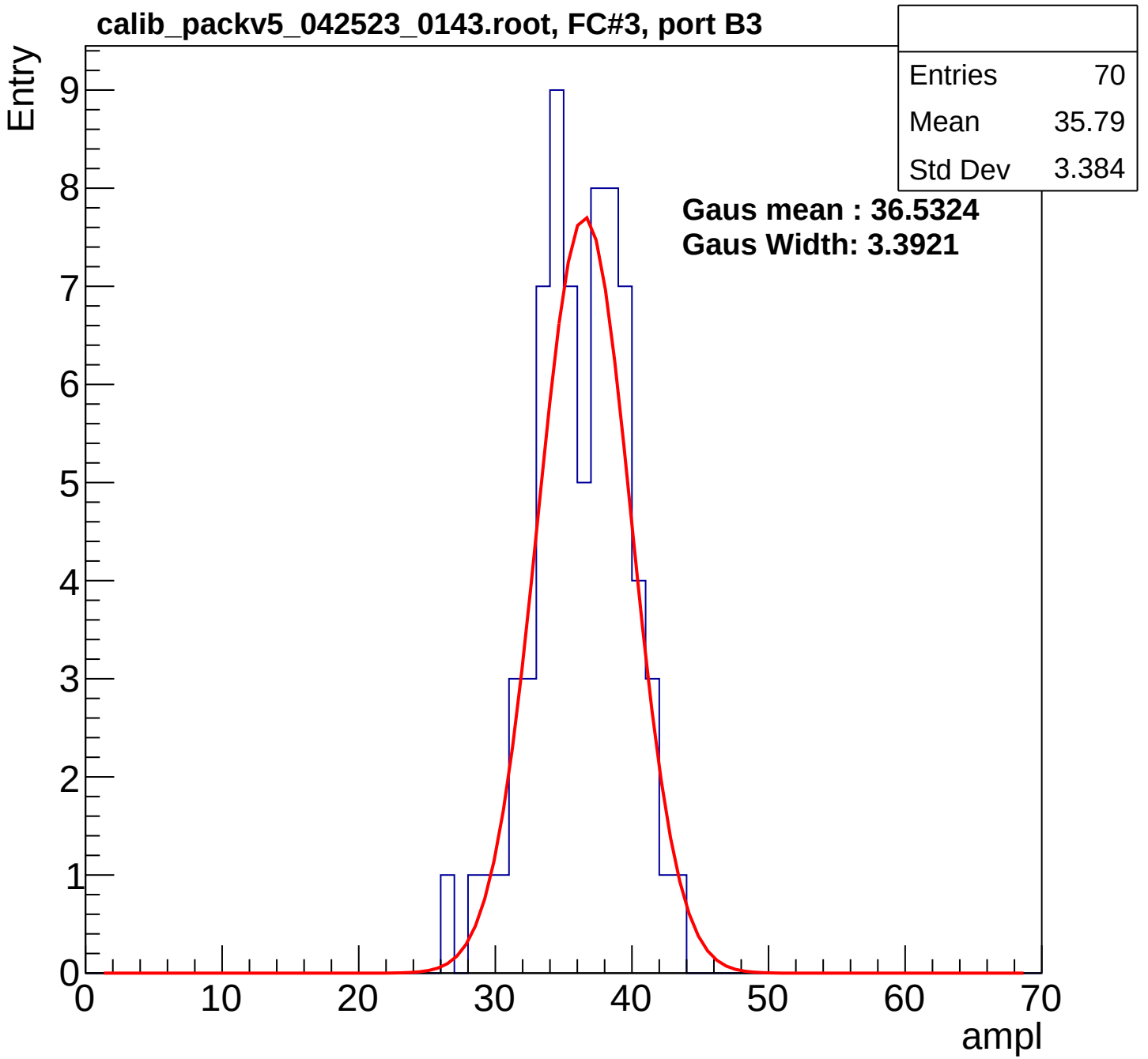

B1L000S, U23-ch47, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 53.93
Std Dev 2.79
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

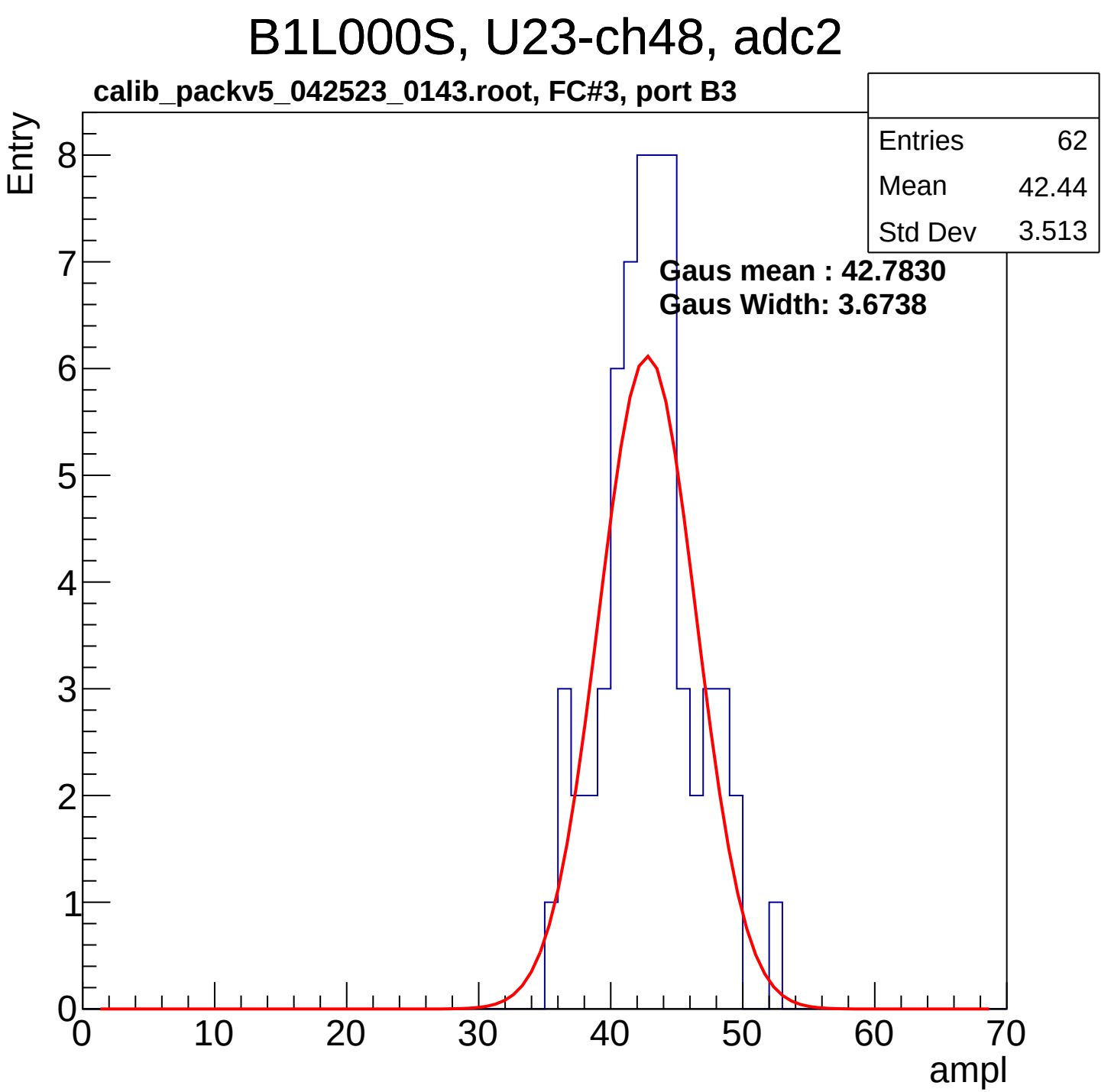

B1L000S, U23-ch47, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 58.48
Std Dev 7.799
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch47, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 61.5
Std Dev 1.658
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U23-ch47, 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, U23-ch48, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 29.52
Std Dev 2.901
Gaus mean : 29.5728
Gaus Width: 3.0370
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch48, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.79
Std Dev 3.384
Gaus mean : 36.5324
Gaus Width: 3.3921
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch48, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.44
Std Dev 3.513
Gaus mean : 42.7830
Gaus Width: 3.6738
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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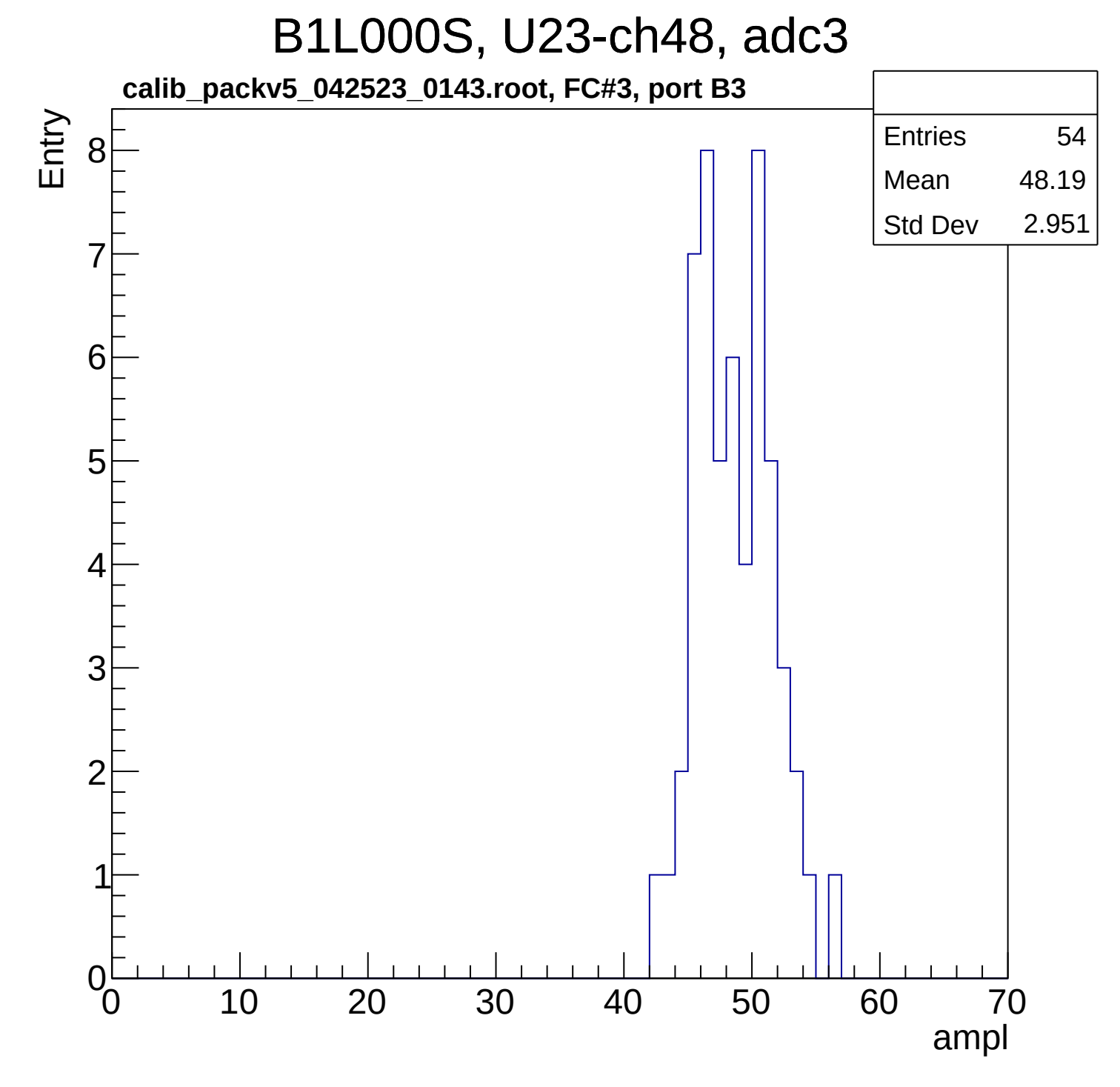
B1L000S, U23-ch48, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 48.19
Std Dev 2.951
Entry
ampl
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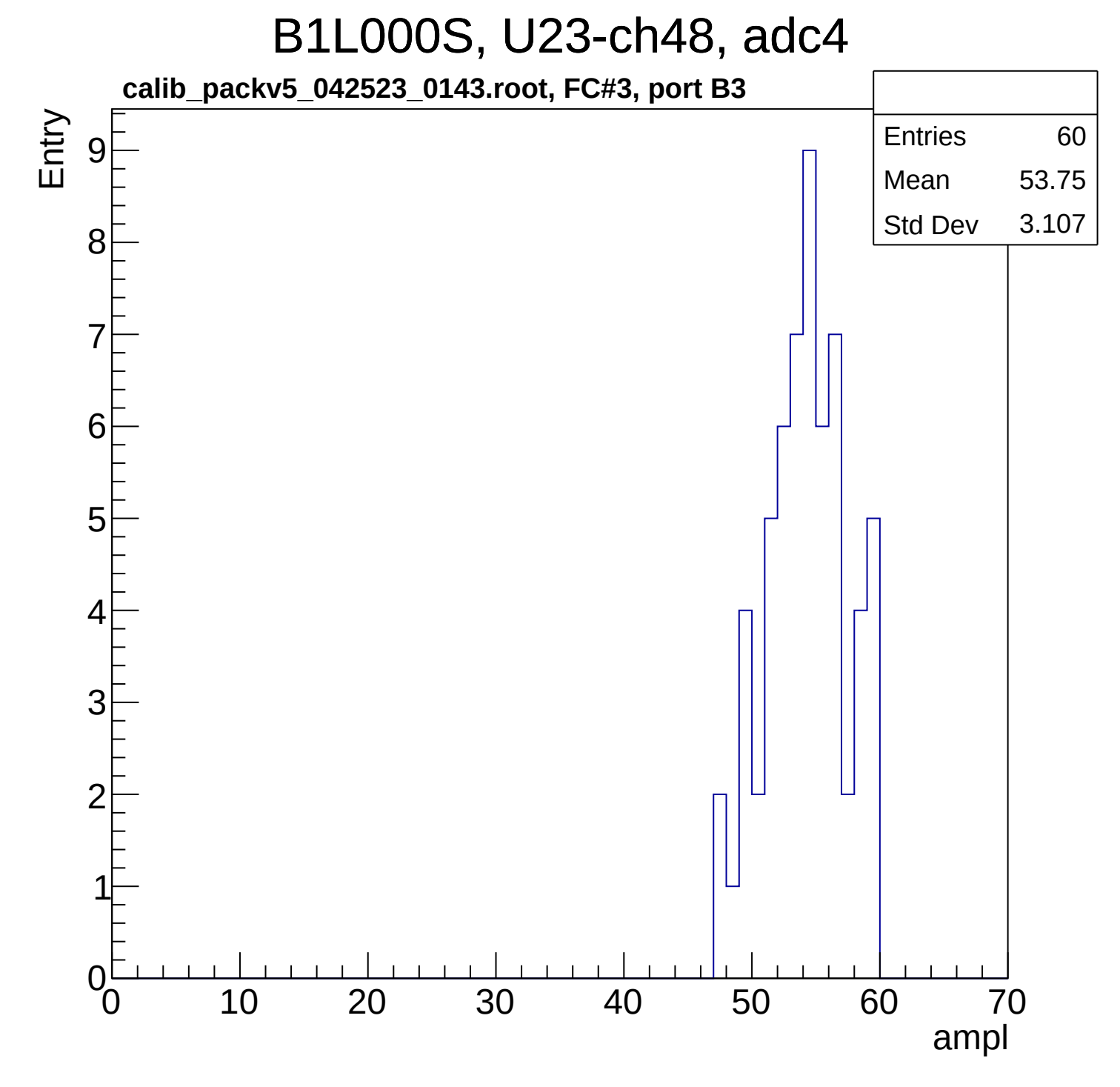
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch48, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 53.75
Std Dev 3.107
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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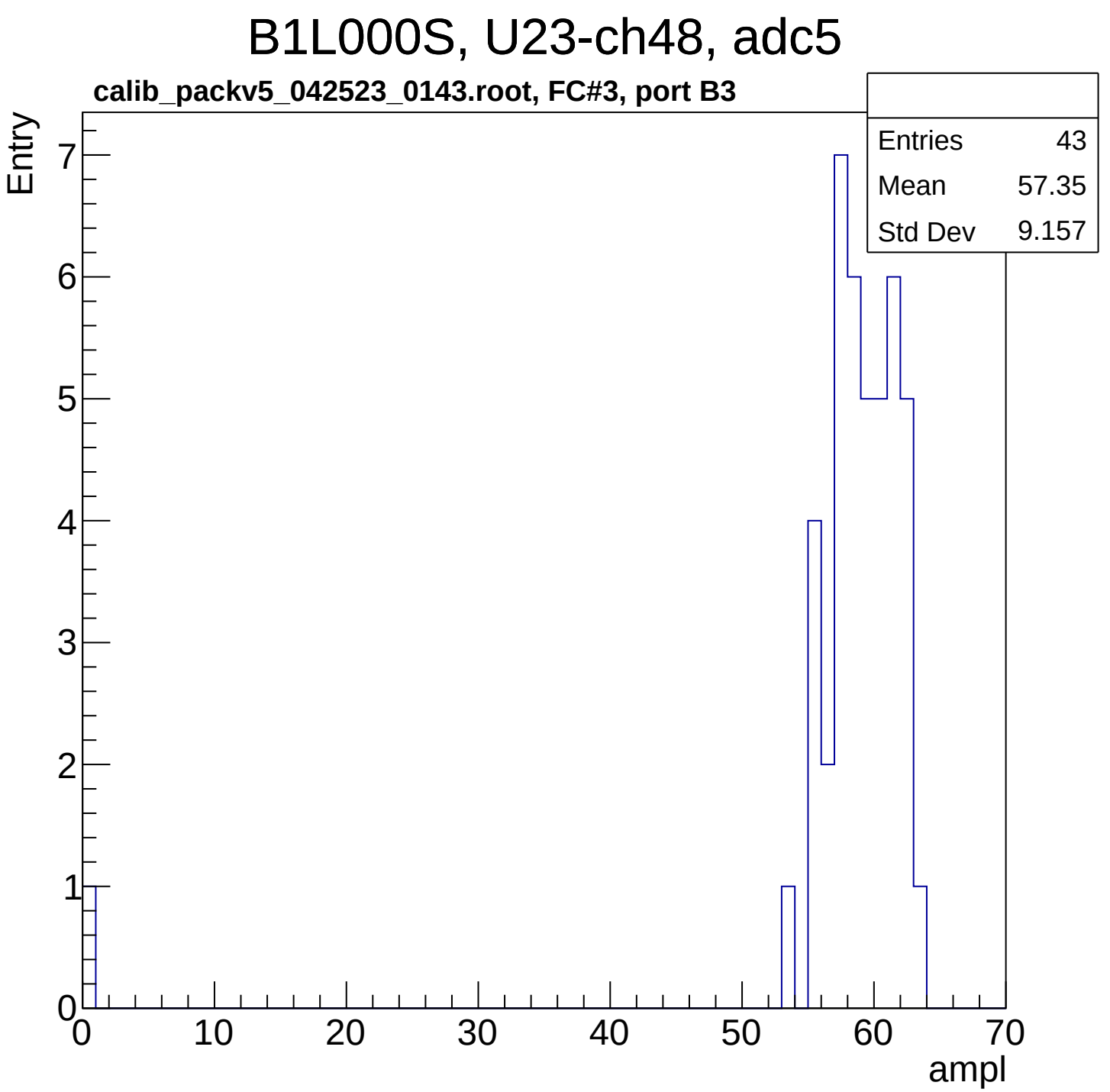
60
70


B1L000S, U23-ch48, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 57.35
Std Dev 9.157
Entry
ampl
0
1
2
3
4
5
6
7
0
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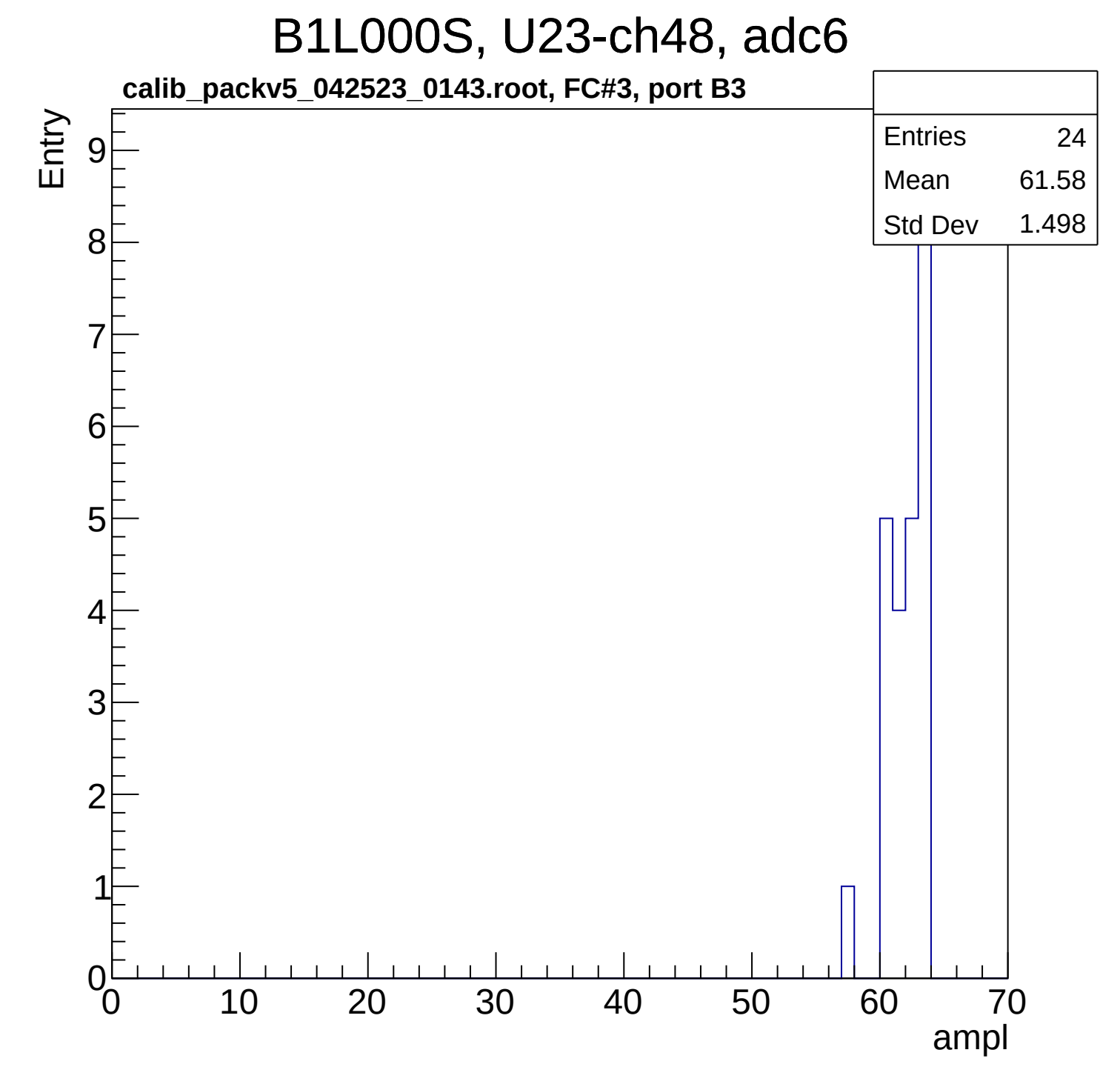
20
30
40
50
60
70


B1L000S, U23-ch48, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 61.58
Std Dev 1.498
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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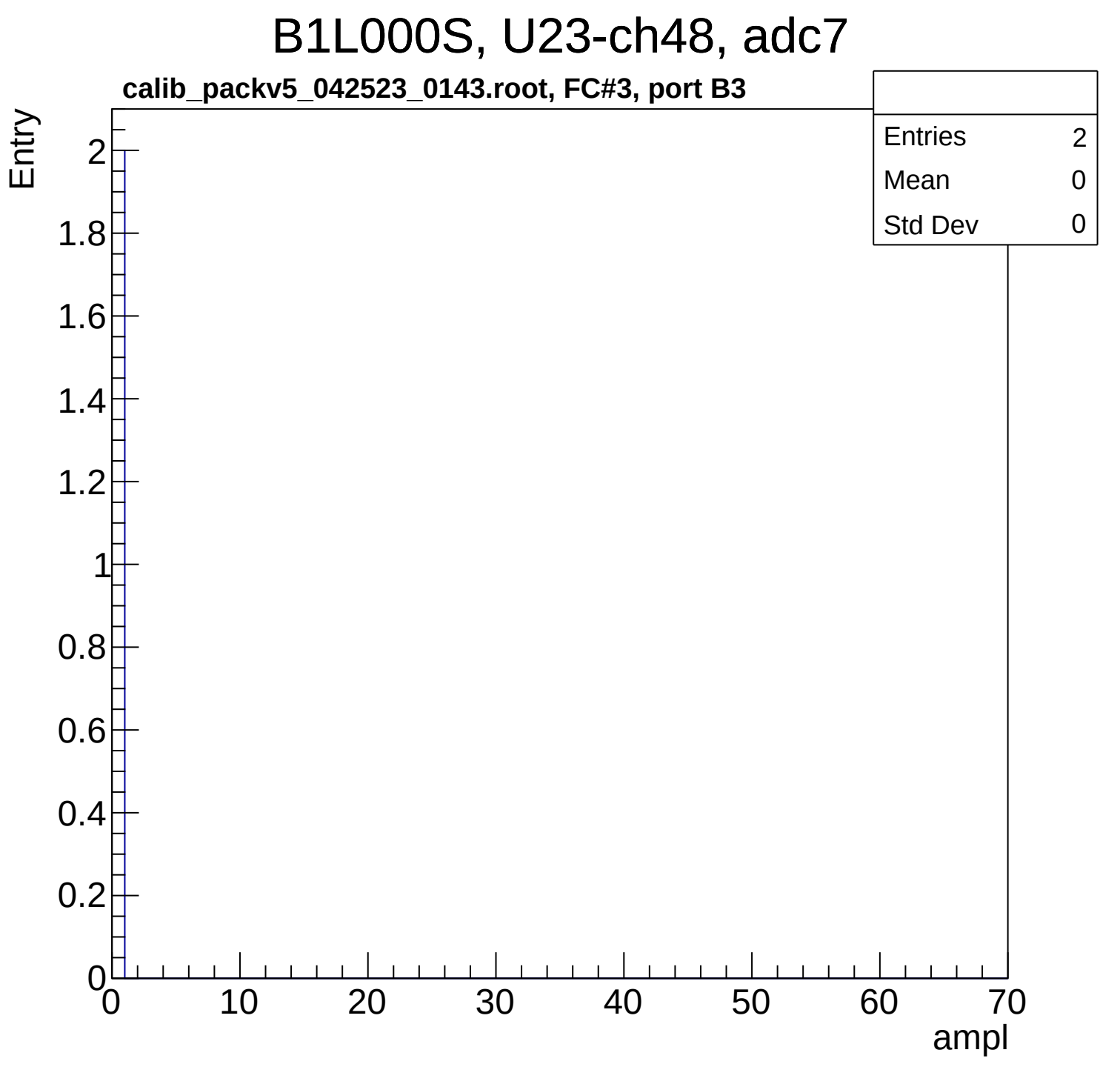
40
50
60
70


B1L000S, U23-ch48, 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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0.6
0.4
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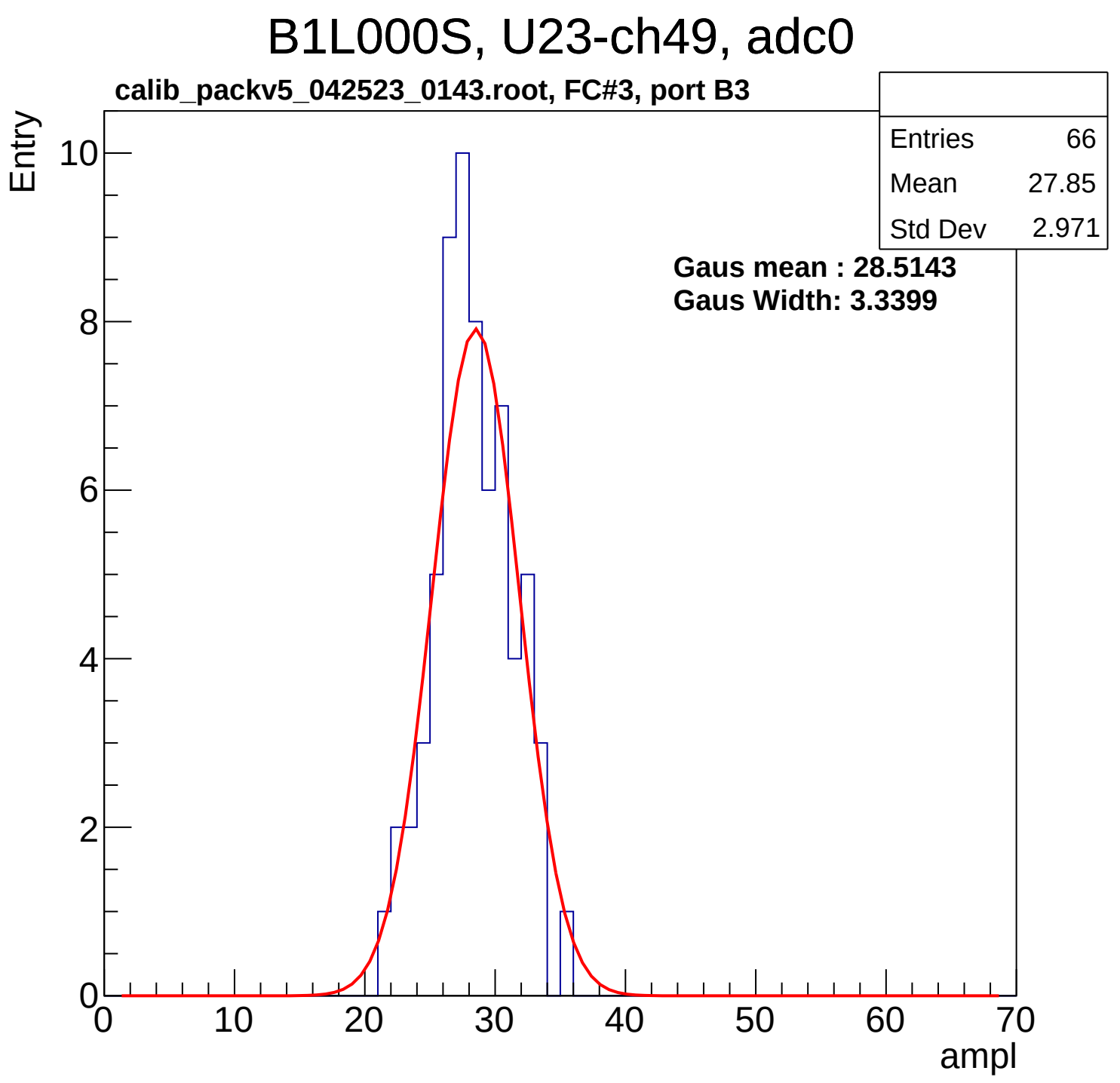
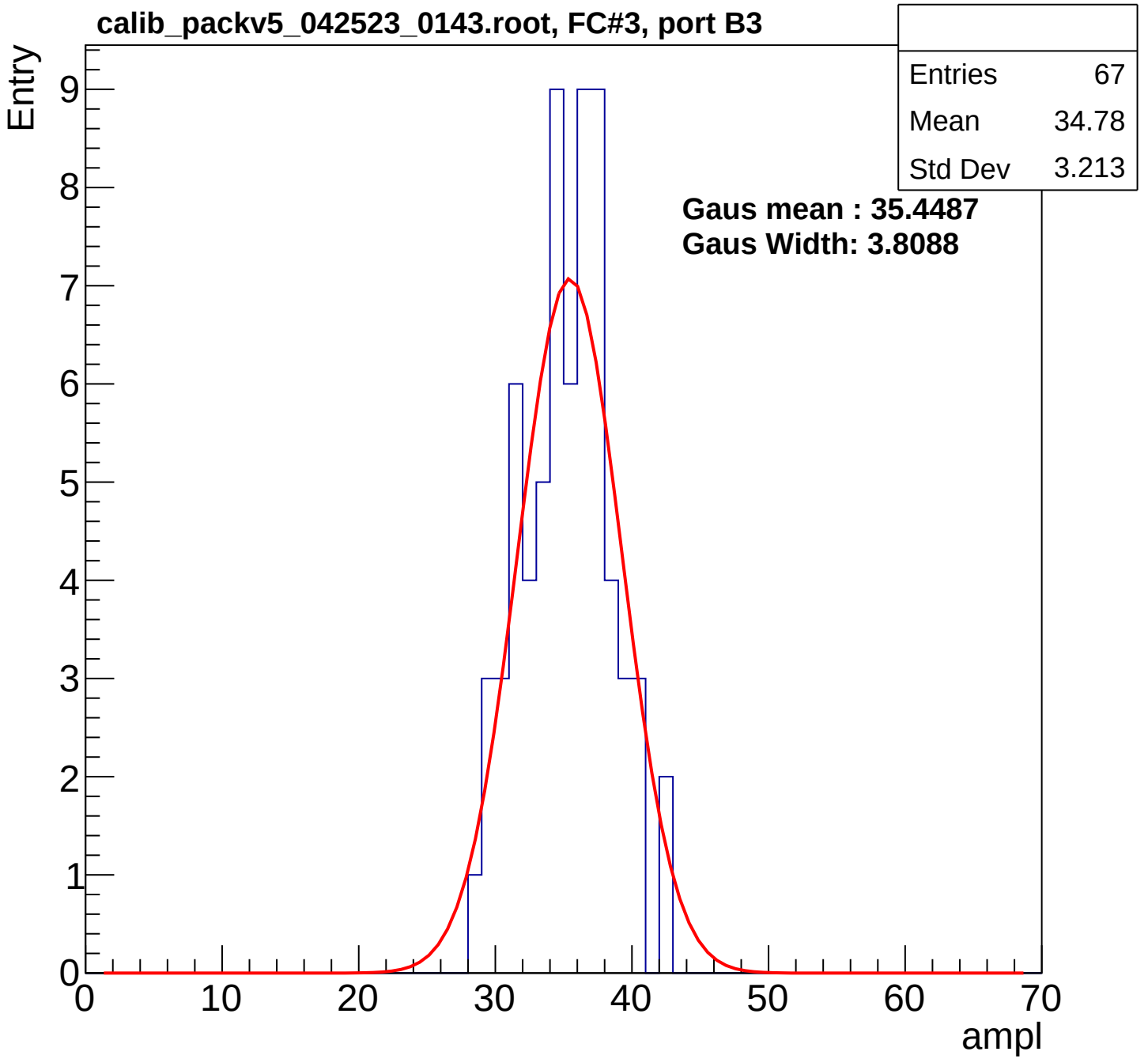
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch49, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 27.85
Std Dev 2.971
Gaus mean : 28.5143
Gaus Width: 3.3399
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch49, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 34.78
Std Dev 3.213
Gaus mean : 35.4487
Gaus Width: 3.8088
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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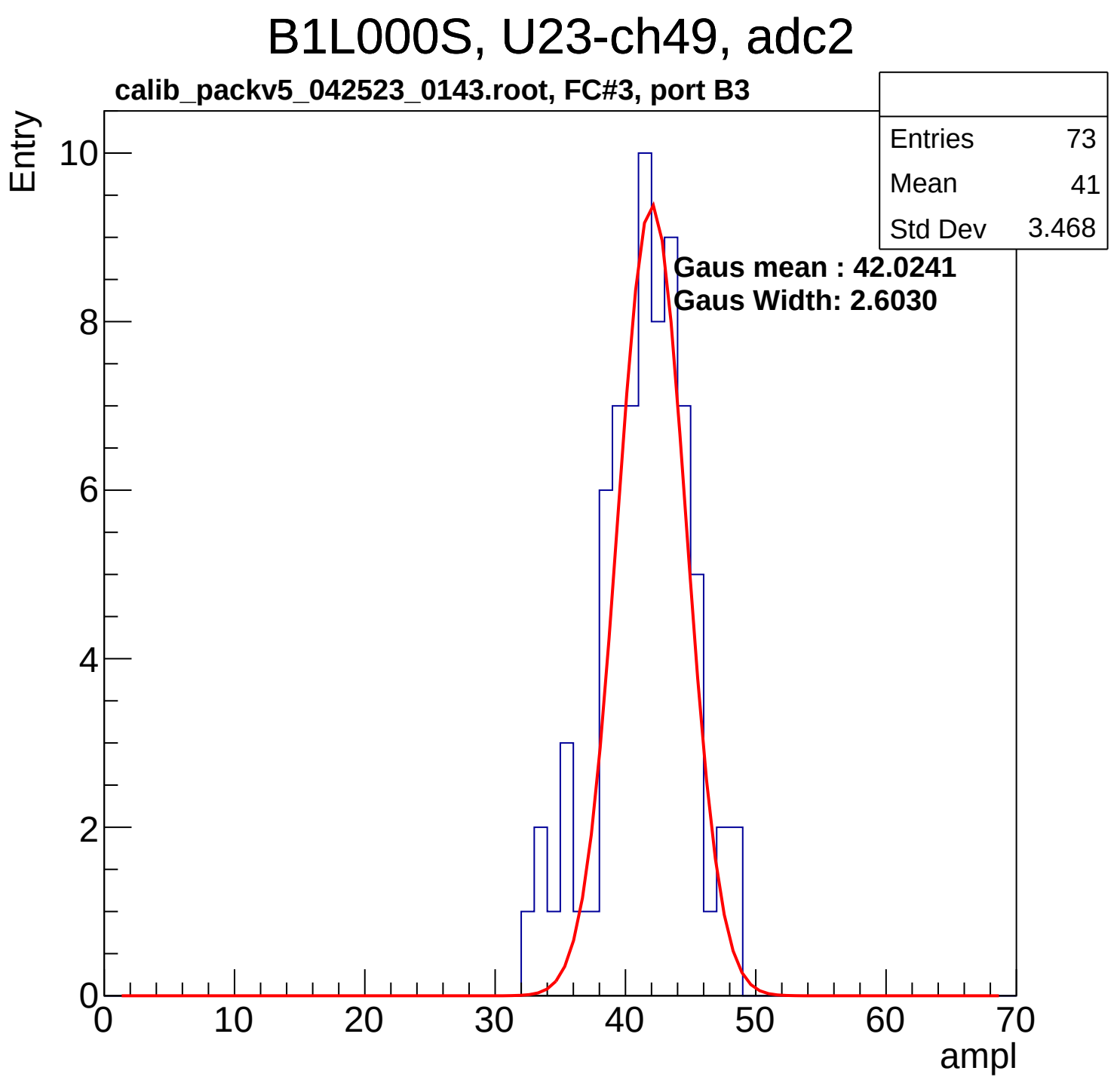
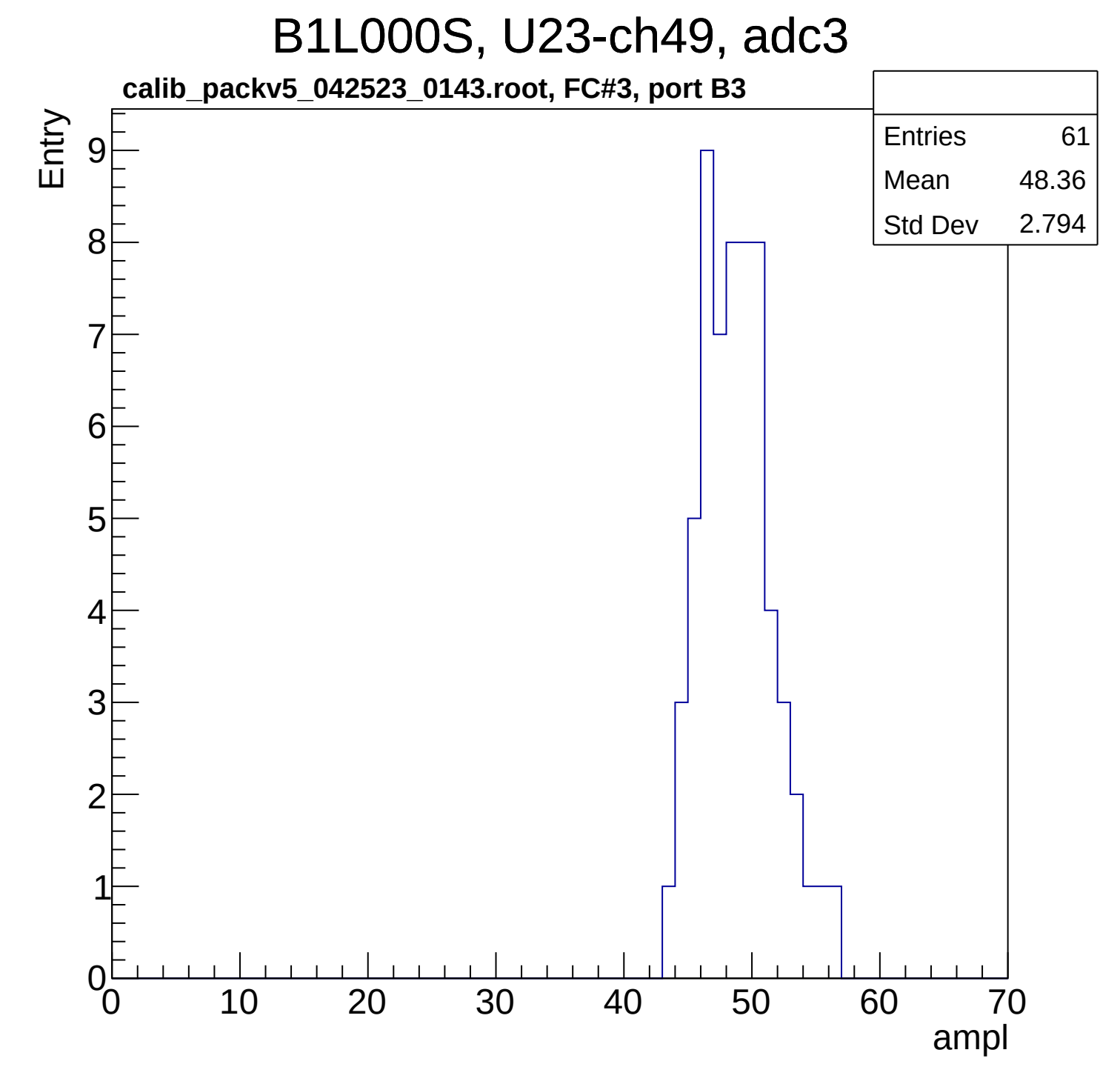

B1L000S, U23-ch49, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 41
Std Dev 3.468
Gaus mean : 42.0241
Gaus Width: 2.6030
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch49, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 48.36
Std Dev 2.794
Entry
ampl
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3
4
5
6
7
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0
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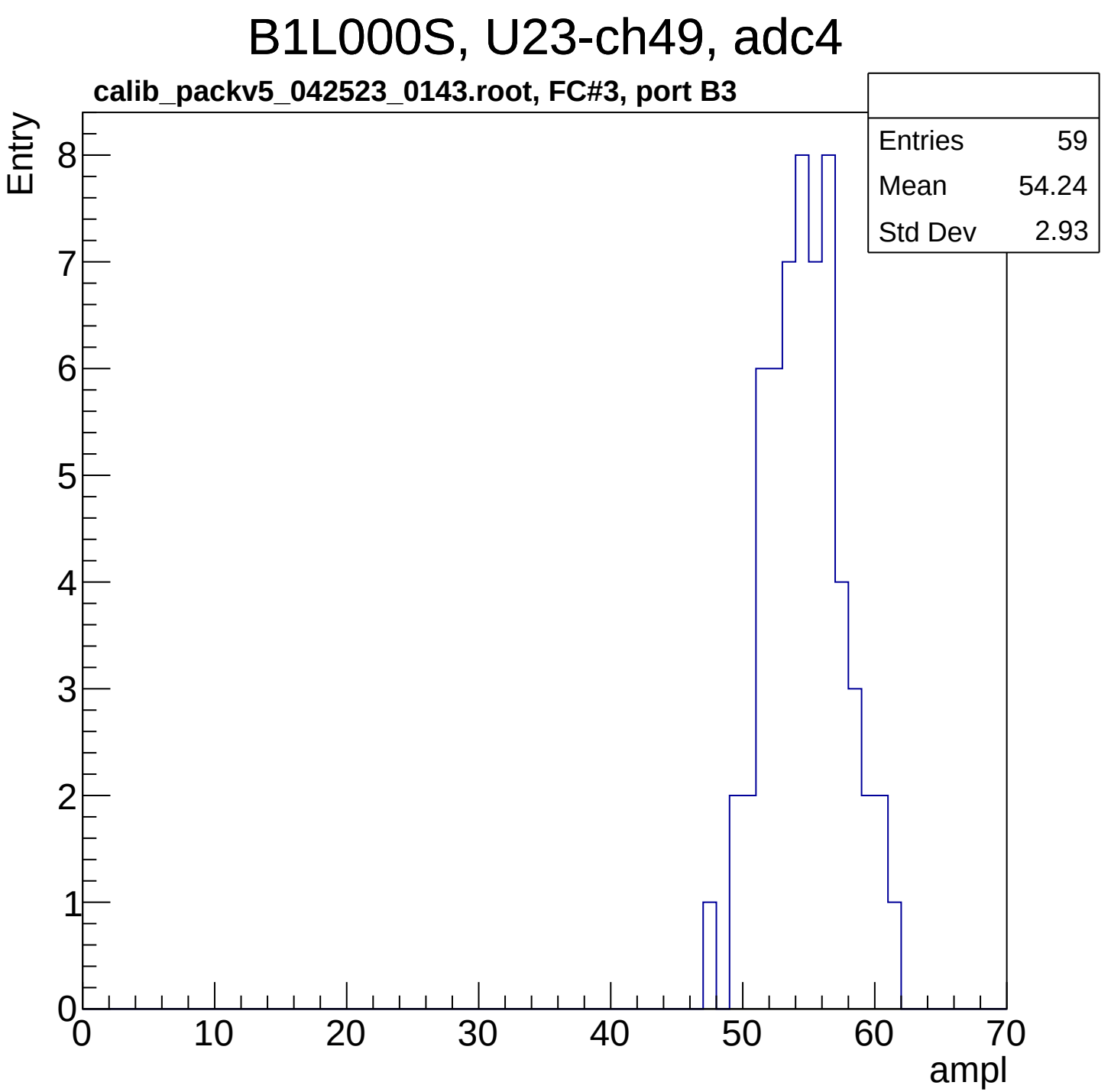
B1L000S, U23-ch49, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.24
Std Dev 2.93
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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60
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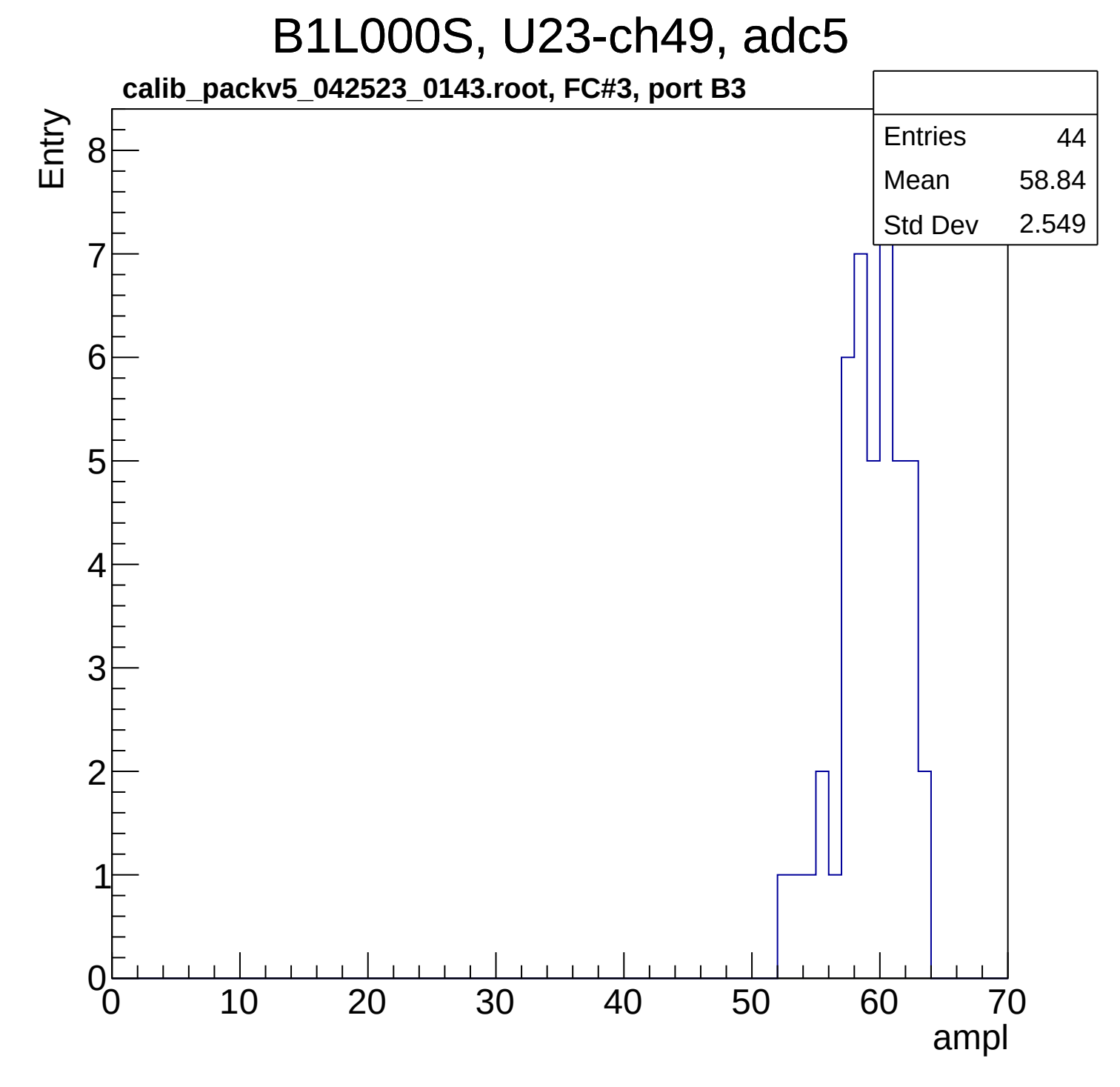
B1L000S, U23-ch49, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 58.84
Std Dev 2.549
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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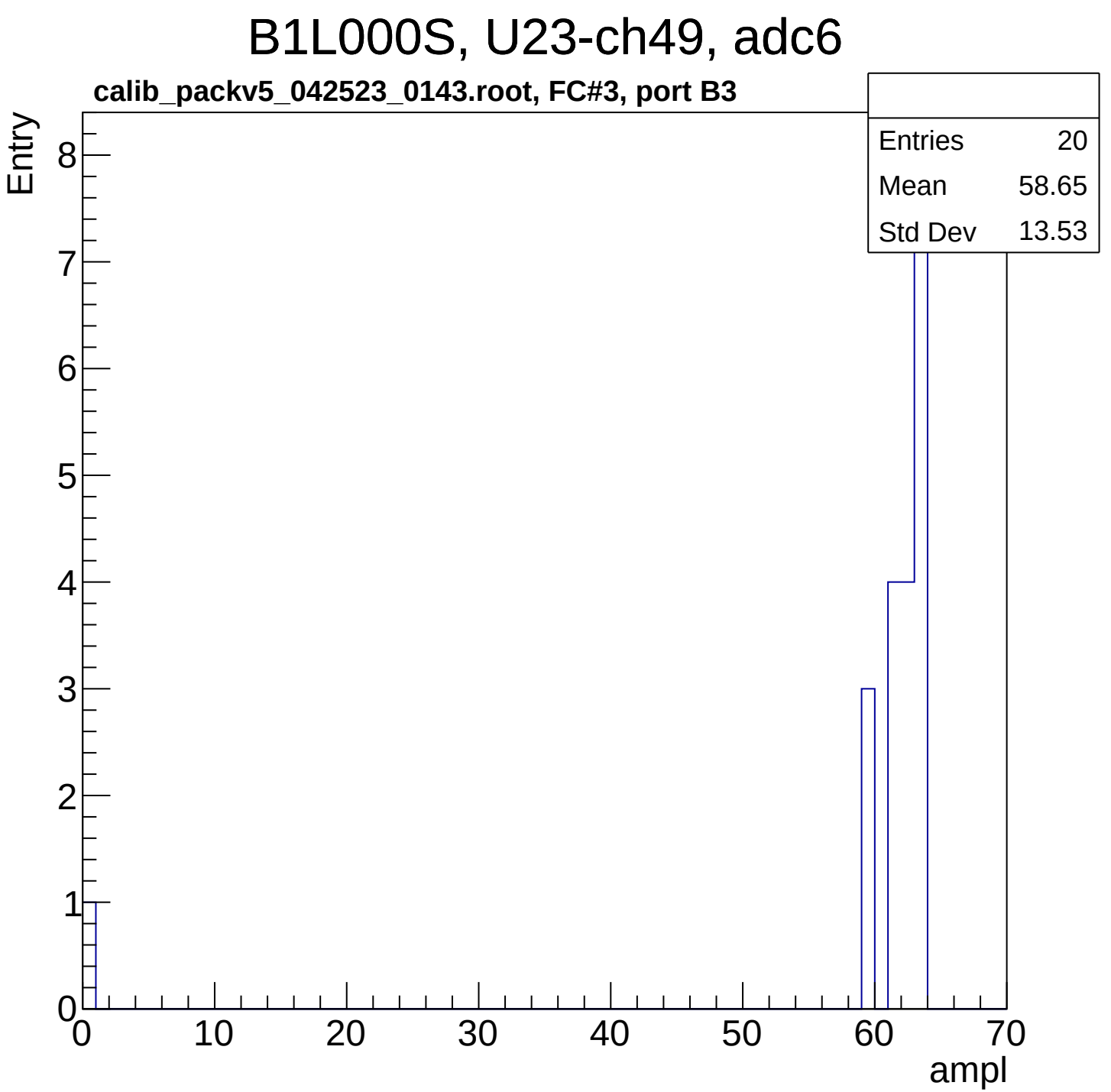
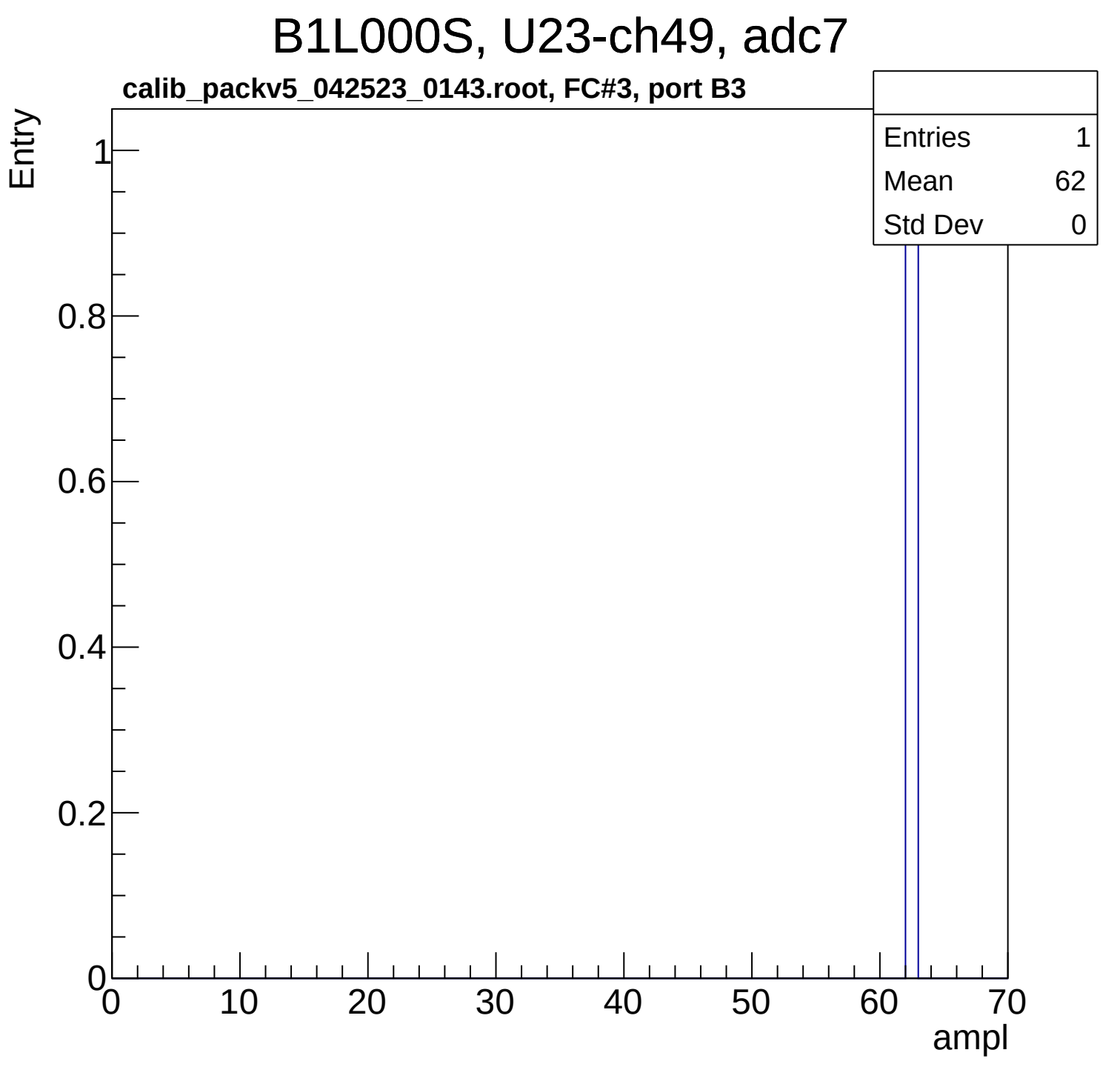

B1L000S, U23-ch49, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.65
Std Dev 13.53
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch49, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
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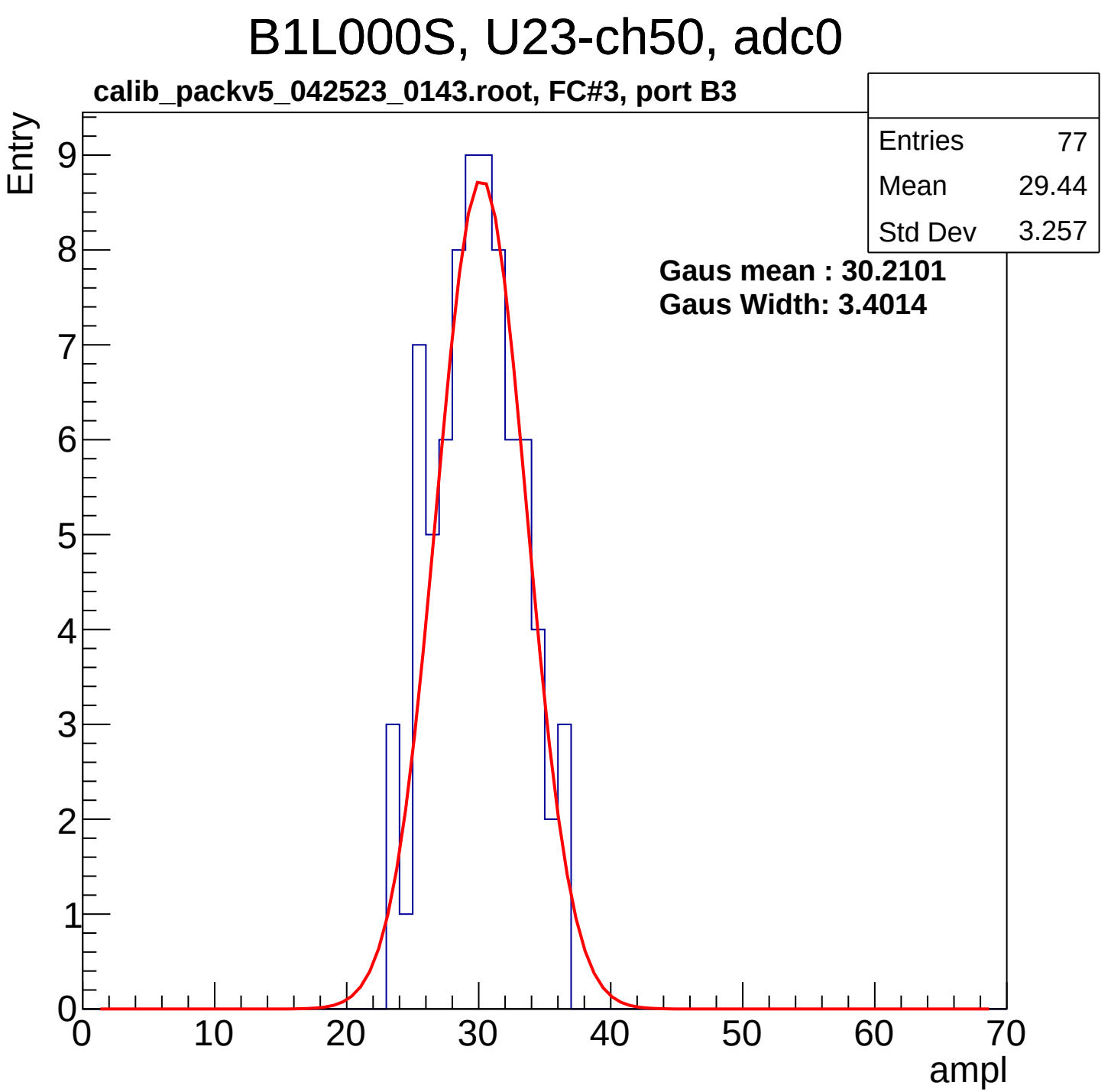
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch50, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 29.44
Std Dev 3.257
Gaus mean : 30.2101
Gaus Width: 3.4014
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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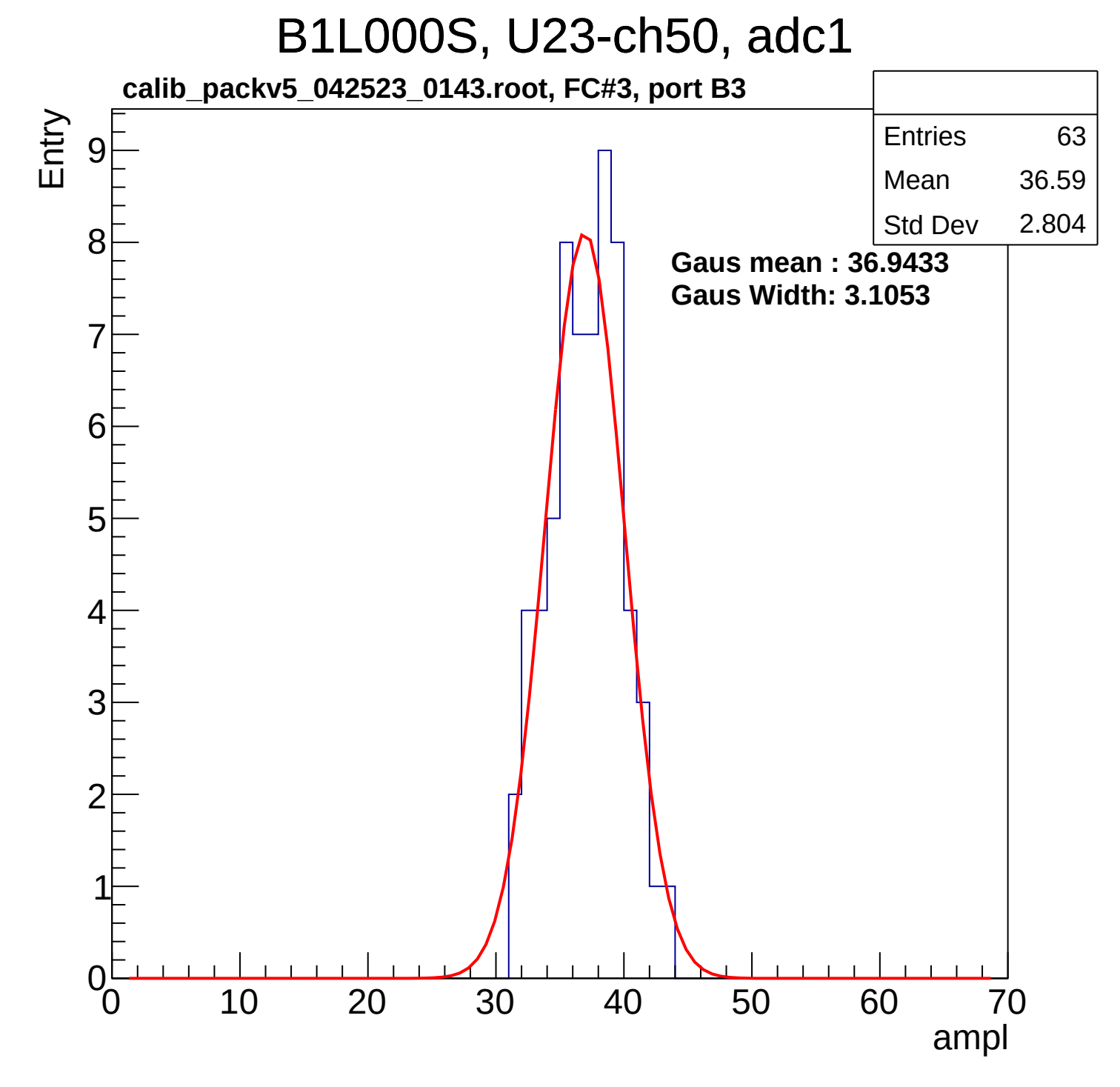
B1L000S, U23-ch50, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 36.59
Std Dev 2.804
Gaus mean : 36.9433
Gaus Width: 3.1053
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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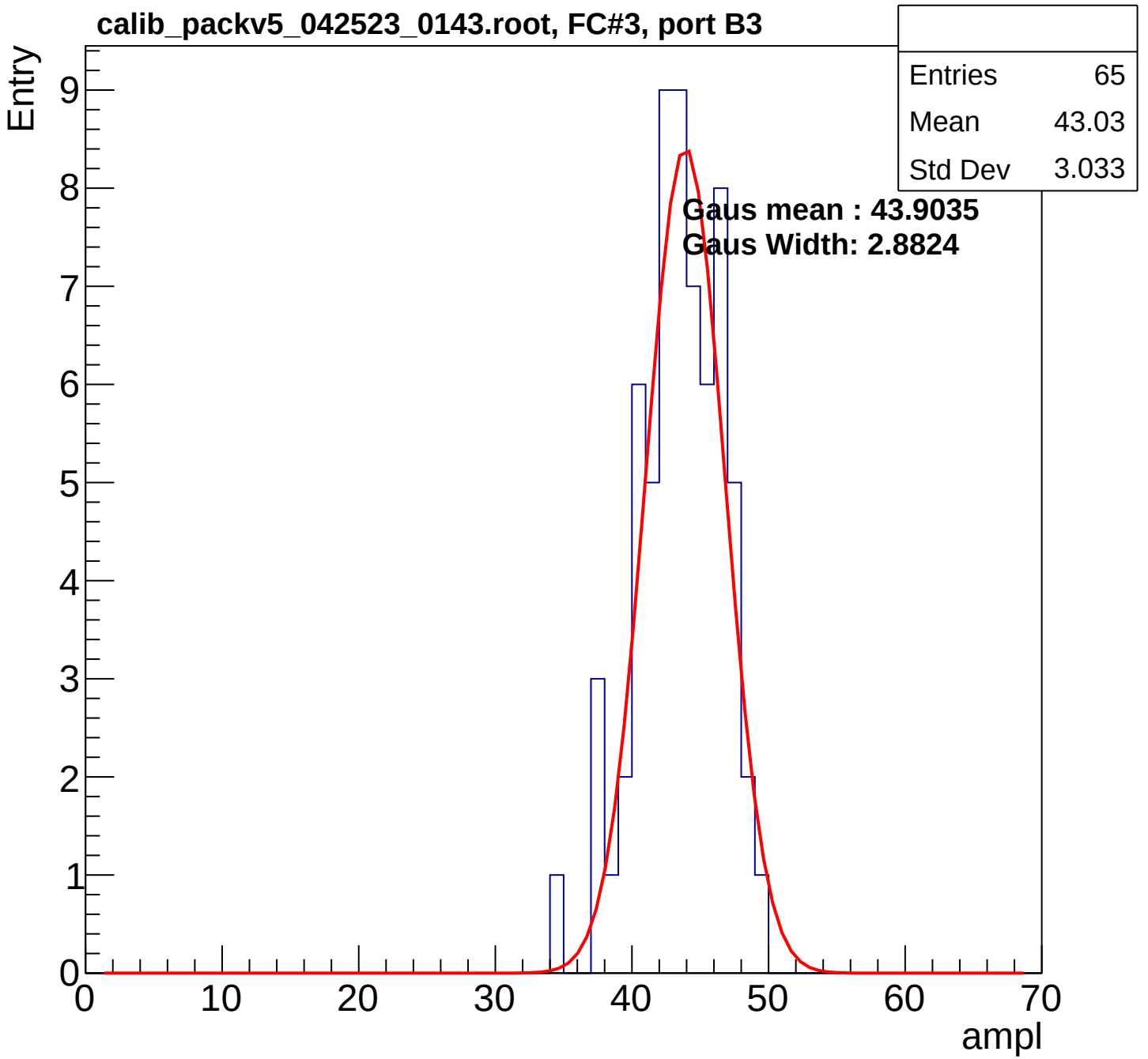
B1L000S, U23-ch50, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 43.03
Std Dev 3.033
Gaus mean : 43.9035
Gaus Width: 2.8824
Entry
ampl
0
1
2
3
4
5
6
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0
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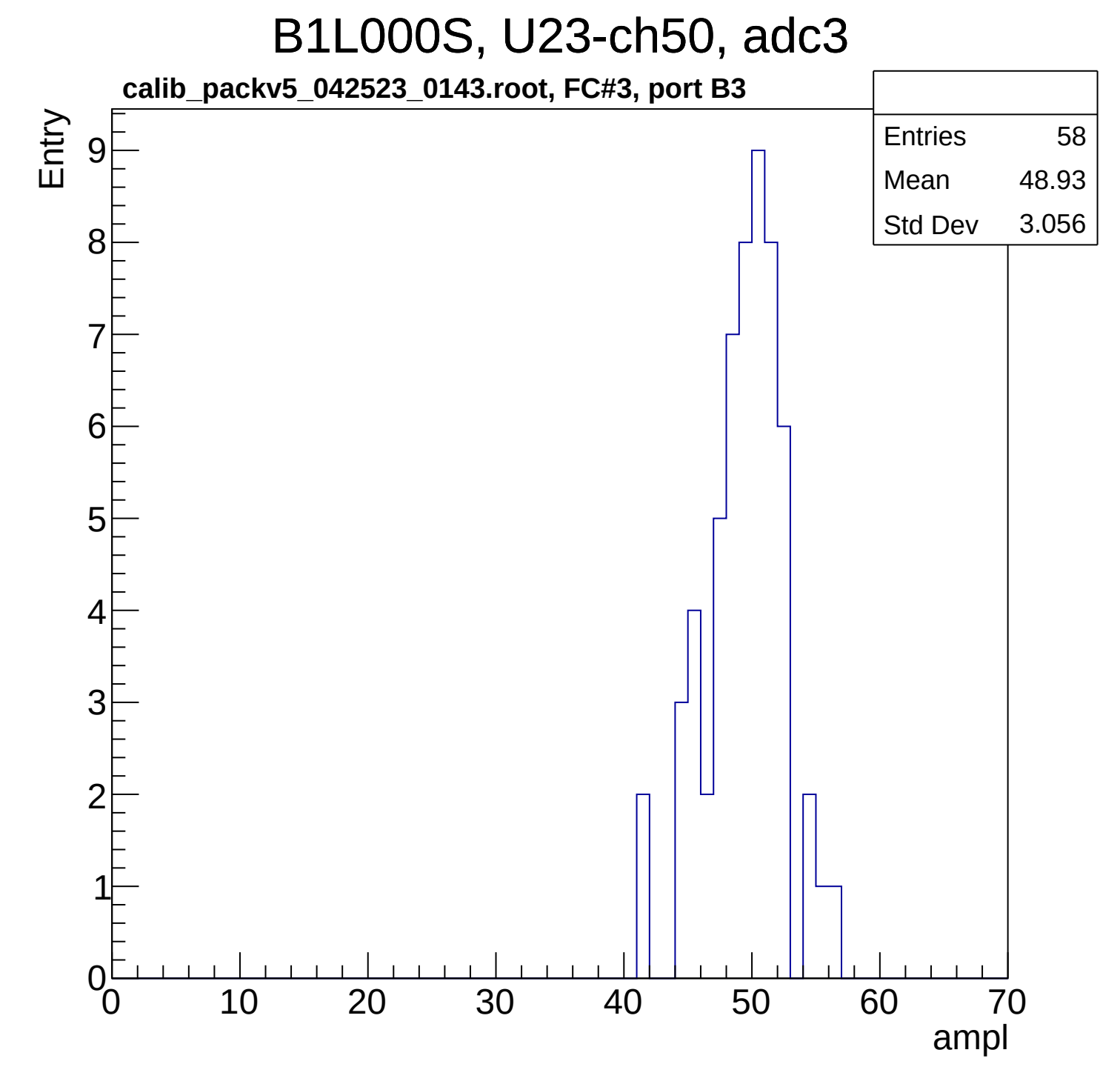
B1L000S, U23-ch50, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.93
Std Dev 3.056
Entry
ampl
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2
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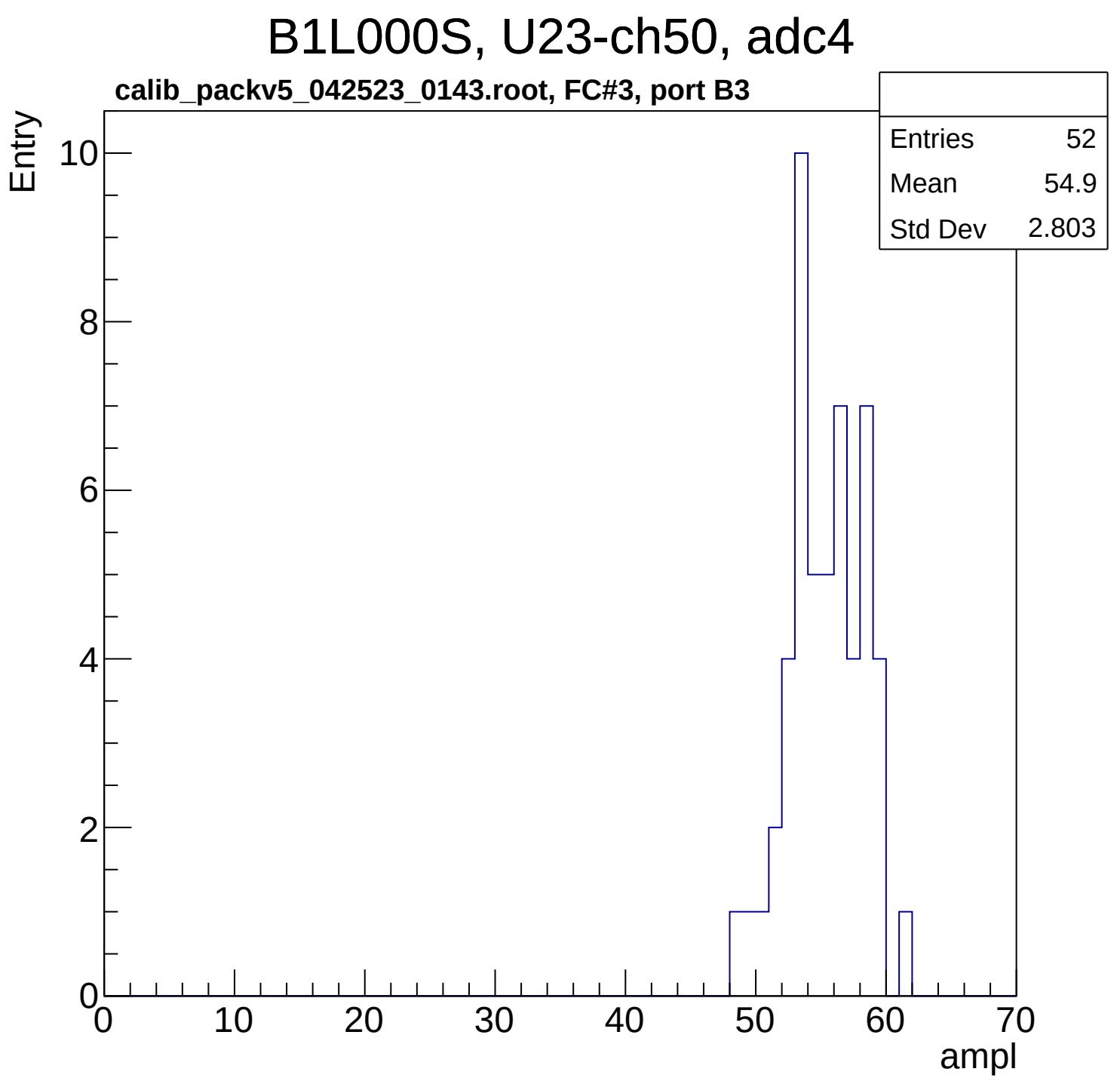
B1L000S, U23-ch50, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 54.9
Std Dev 2.803
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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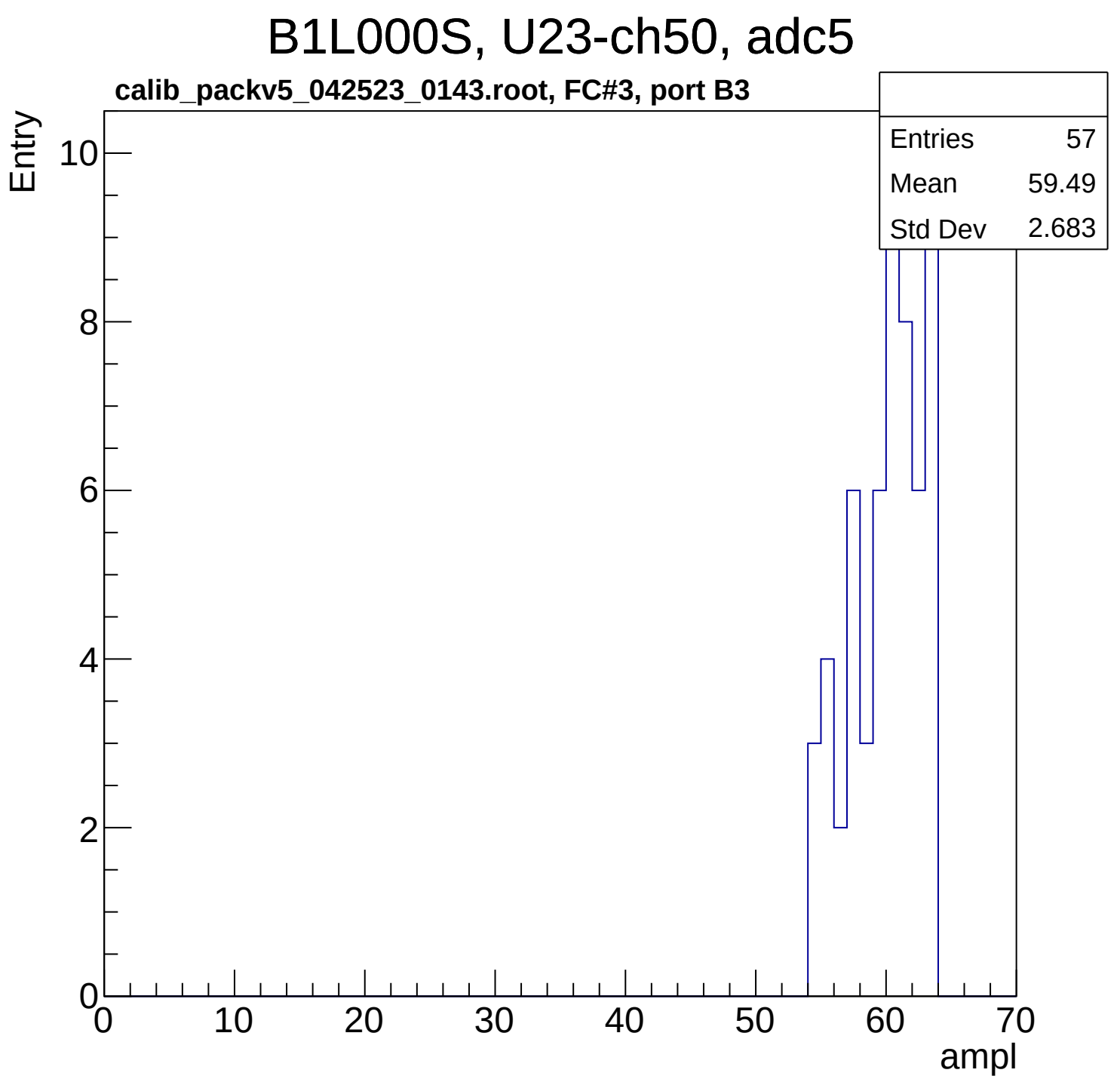
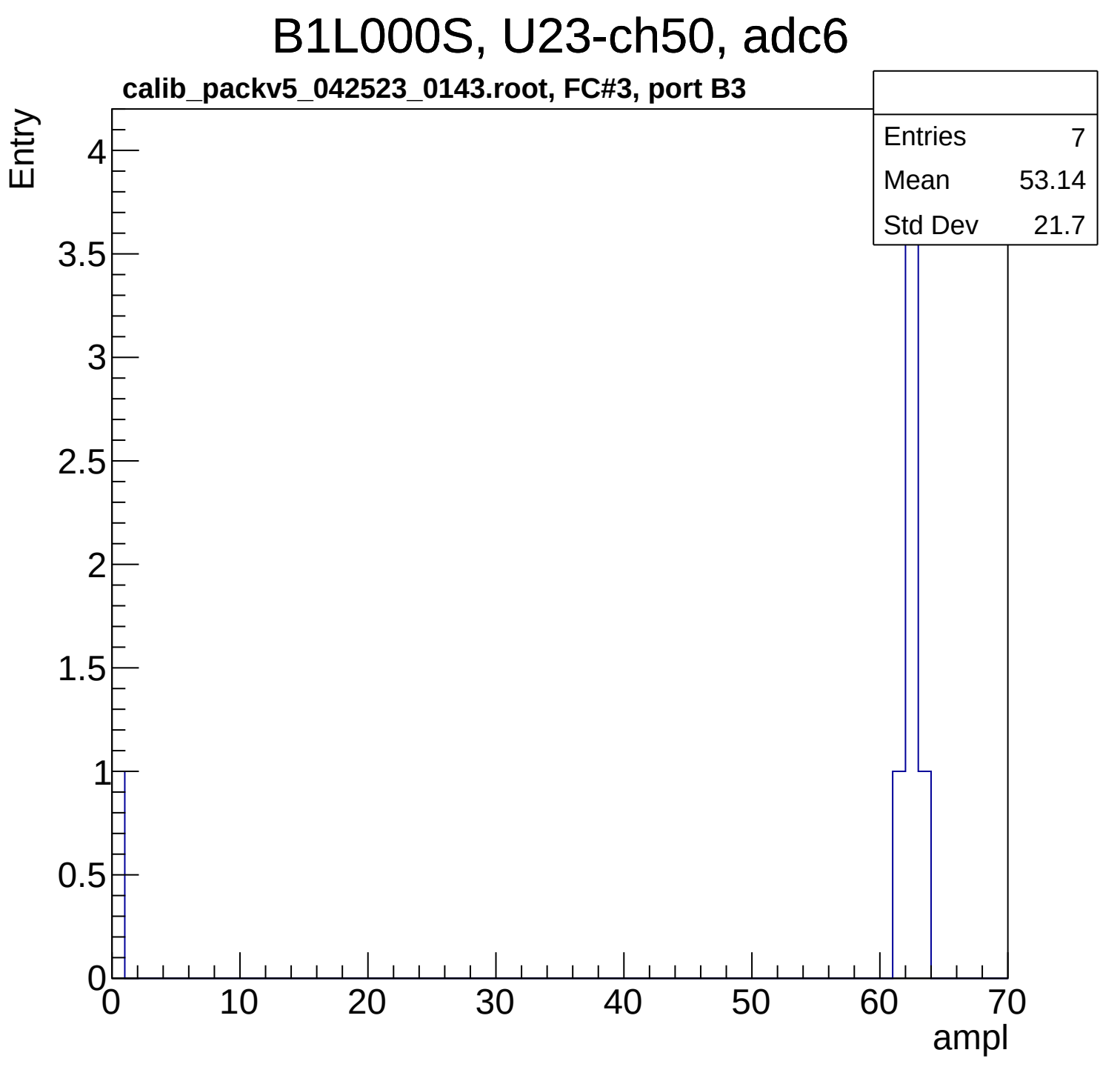

B1L000S, U23-ch50, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.49
Std Dev 2.683
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch50, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 53.14
Std Dev 21.7
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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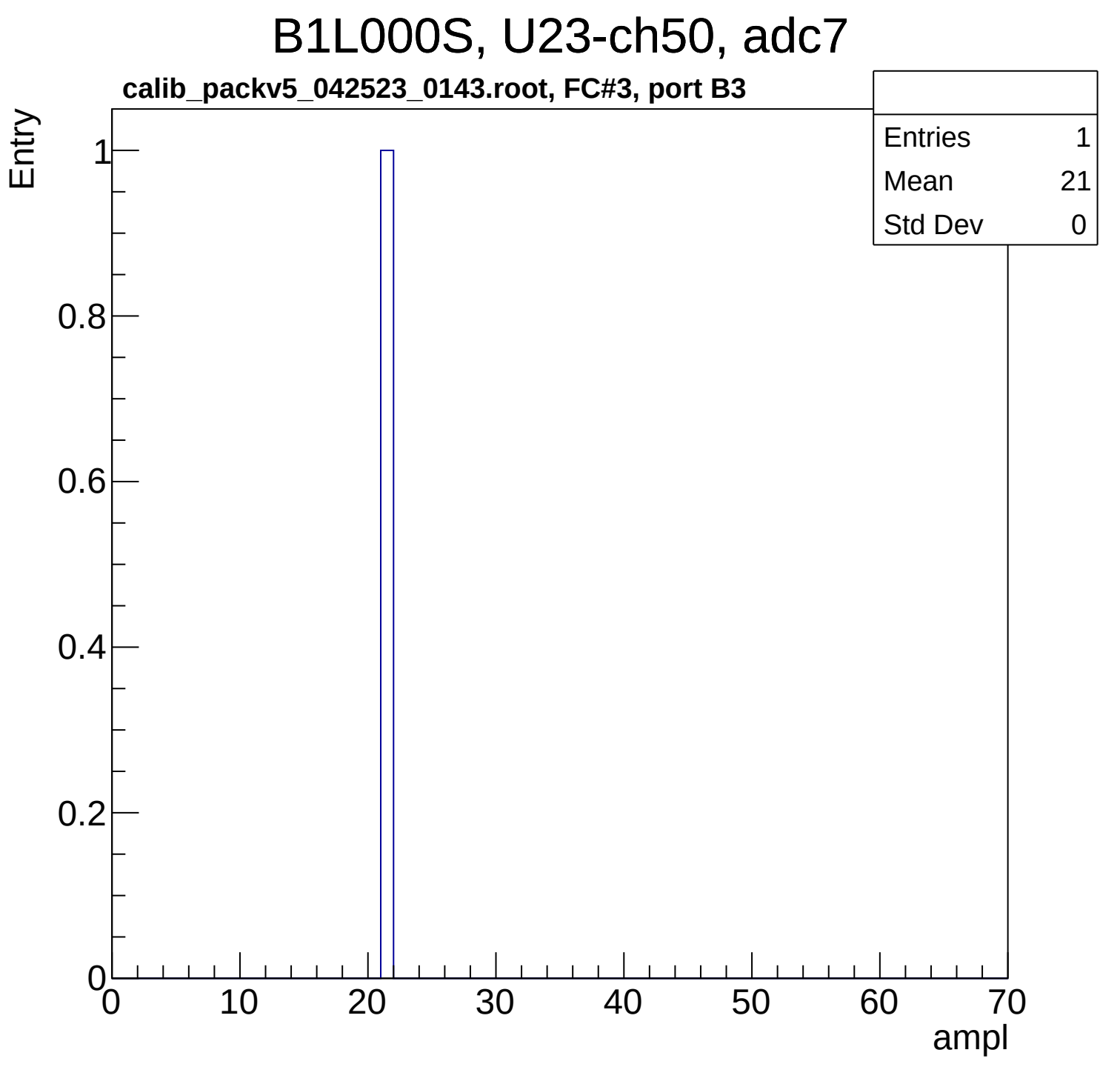
B1L000S, U23-ch50, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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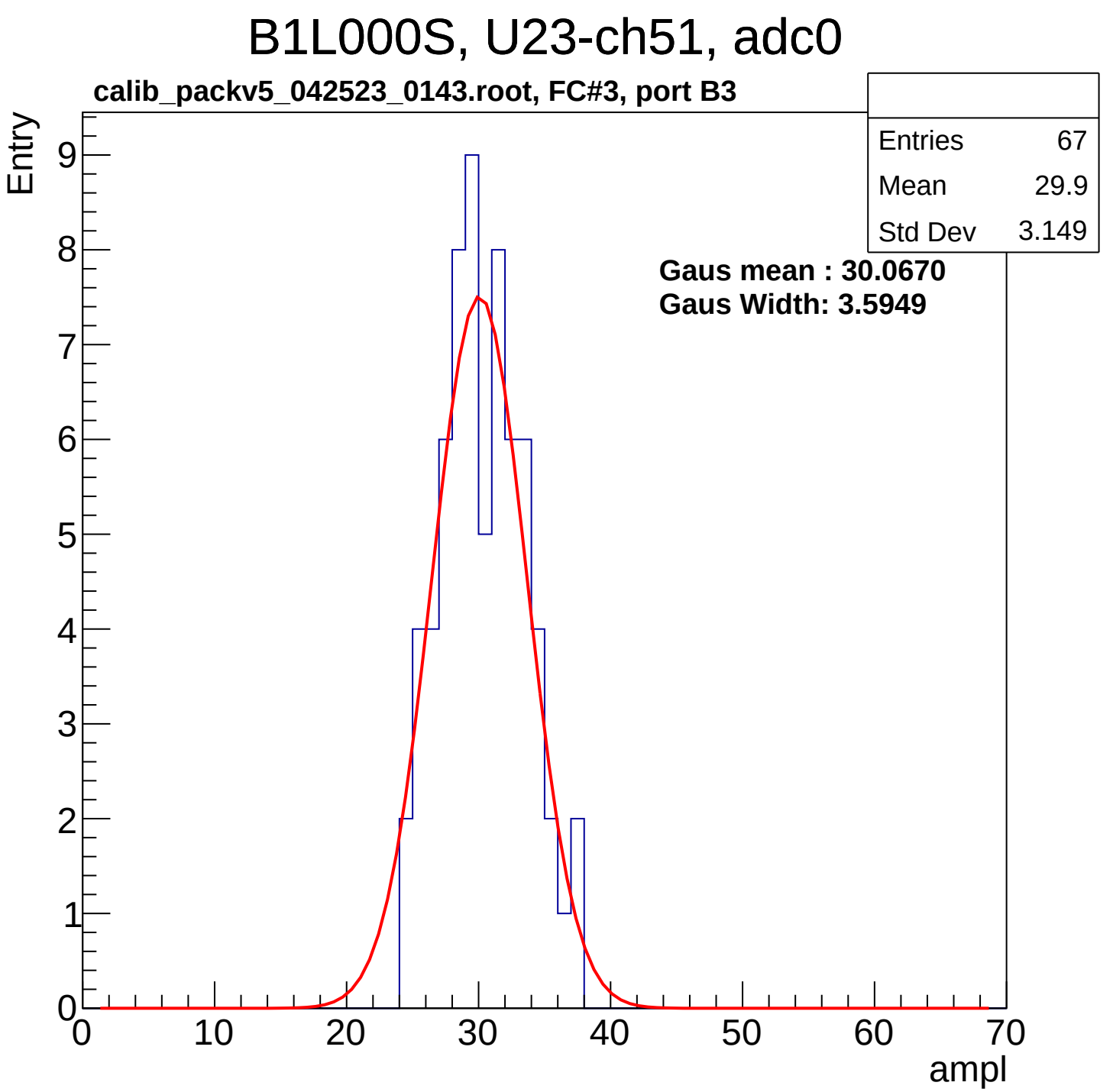
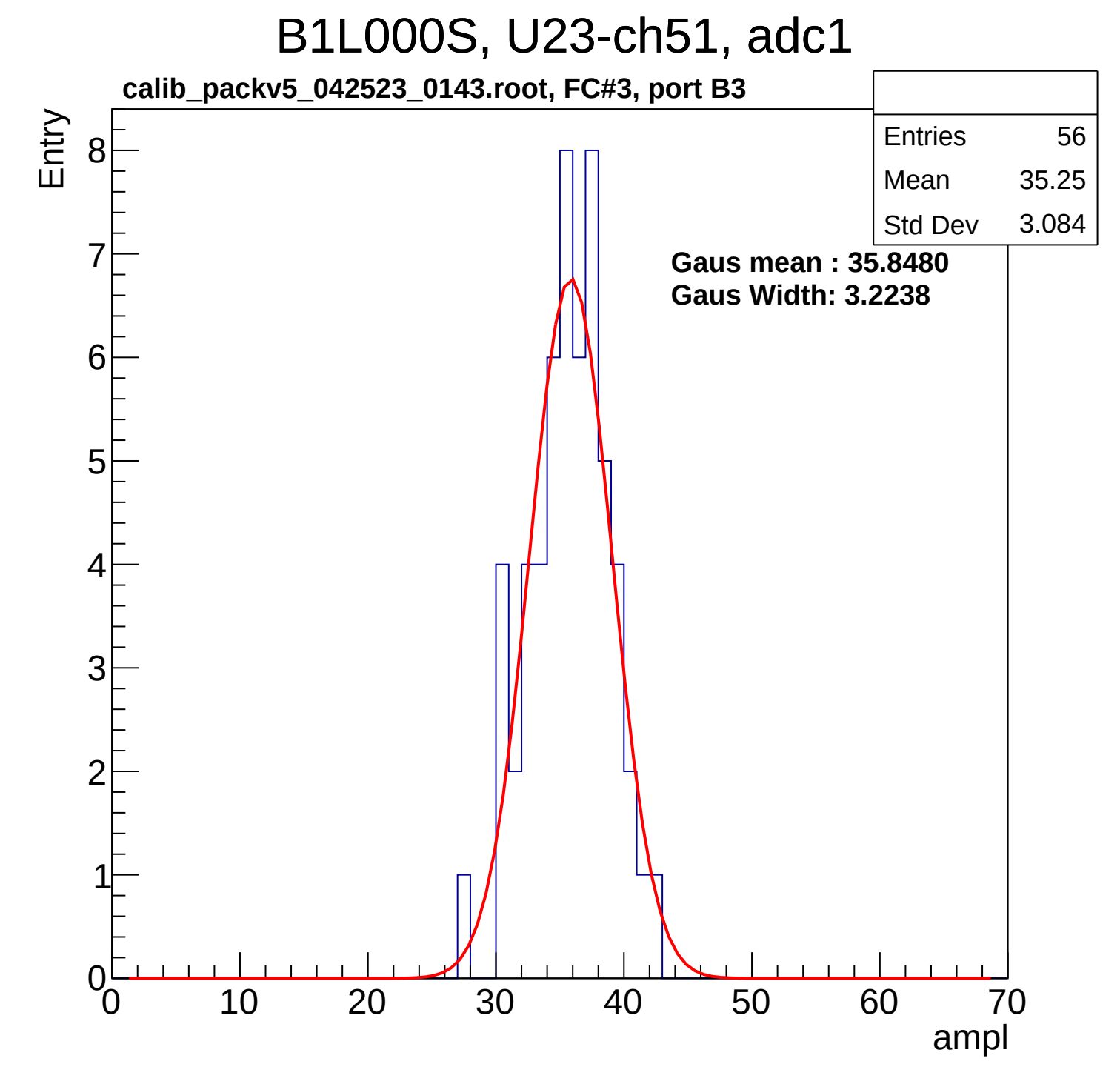
30
40
50
60
70
ampl


B1L000S, U23-ch51, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.9
Std Dev 3.149
Gaus mean : 30.0670
Gaus Width: 3.5949
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch51, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.25
Std Dev 3.084
Gaus mean : 35.8480
Gaus Width: 3.2238
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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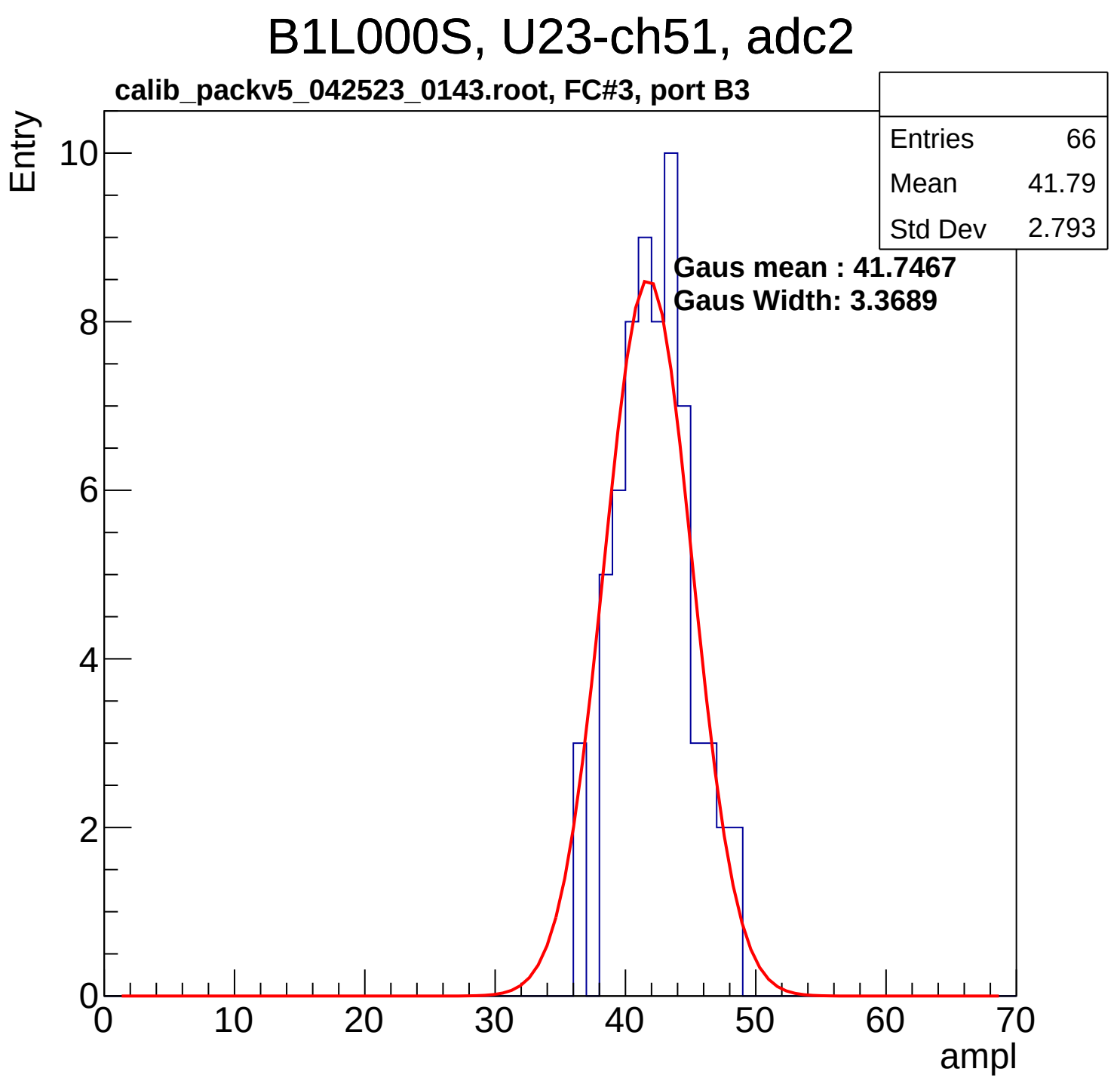
B1L000S, U23-ch51, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 41.79
Std Dev 2.793
Gaus mean : 41.7467
Gaus Width: 3.3689
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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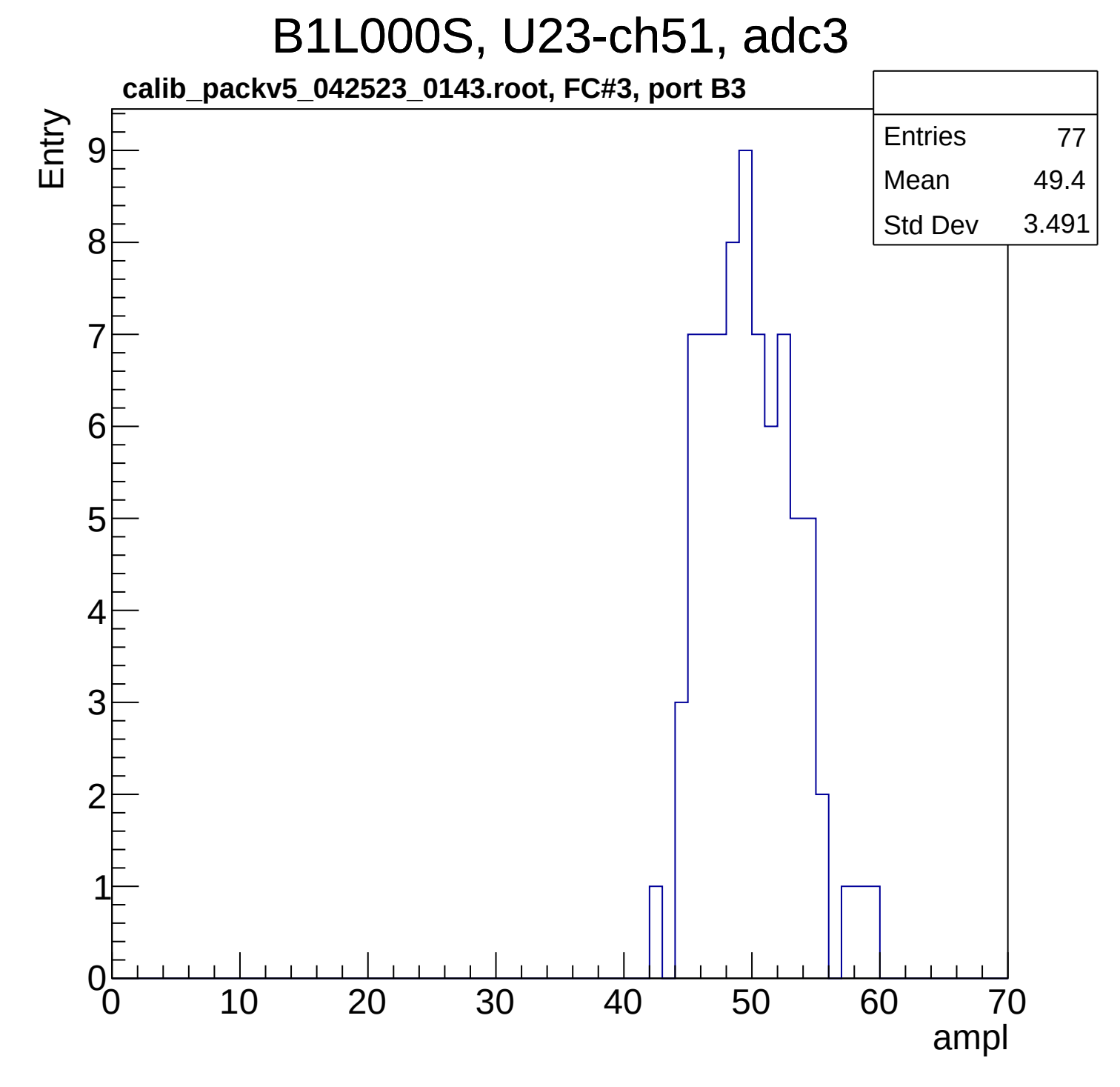
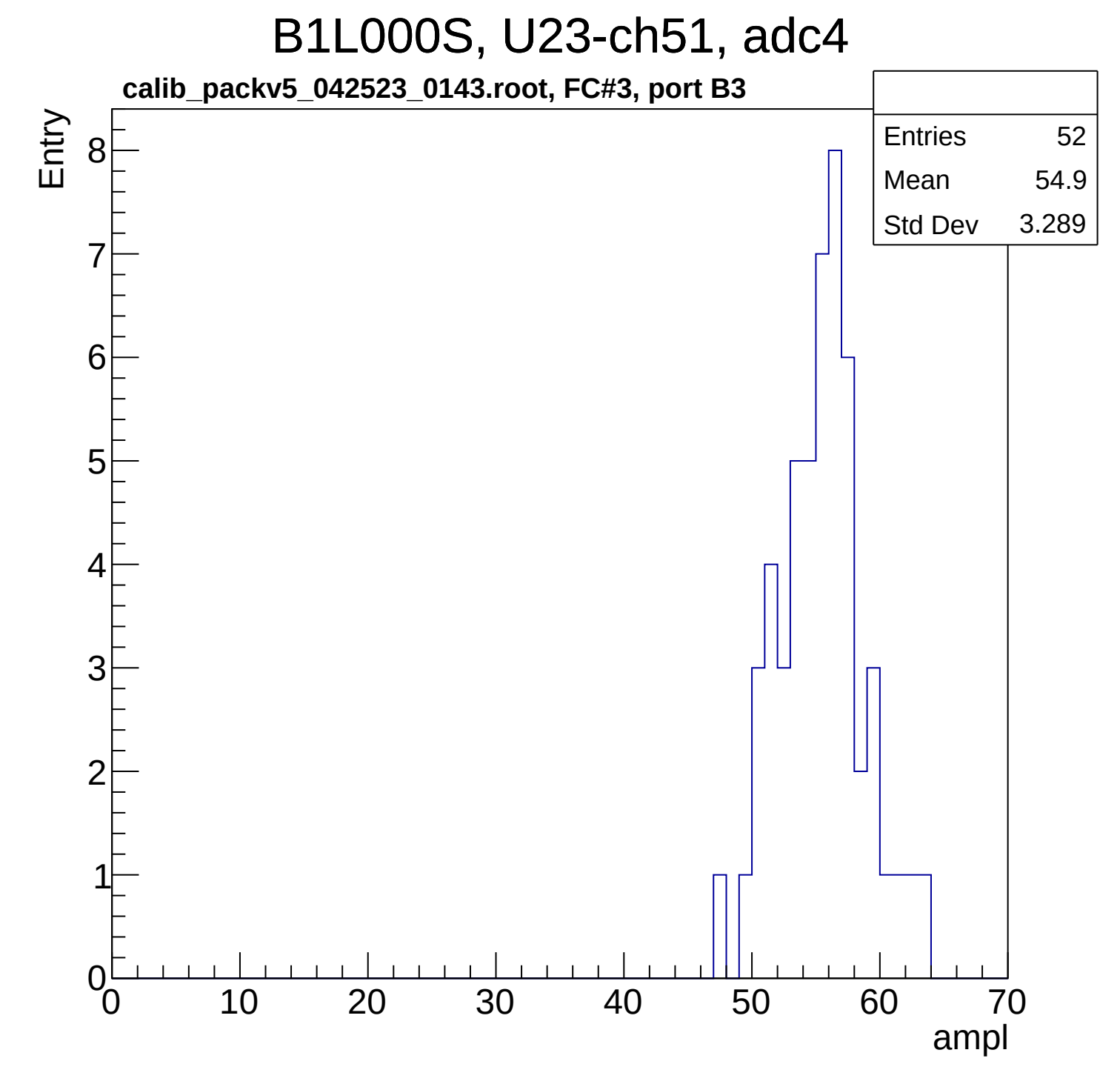

B1L000S, U23-ch51, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 49.4
Std Dev 3.491
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch51, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 54.9
Std Dev 3.289
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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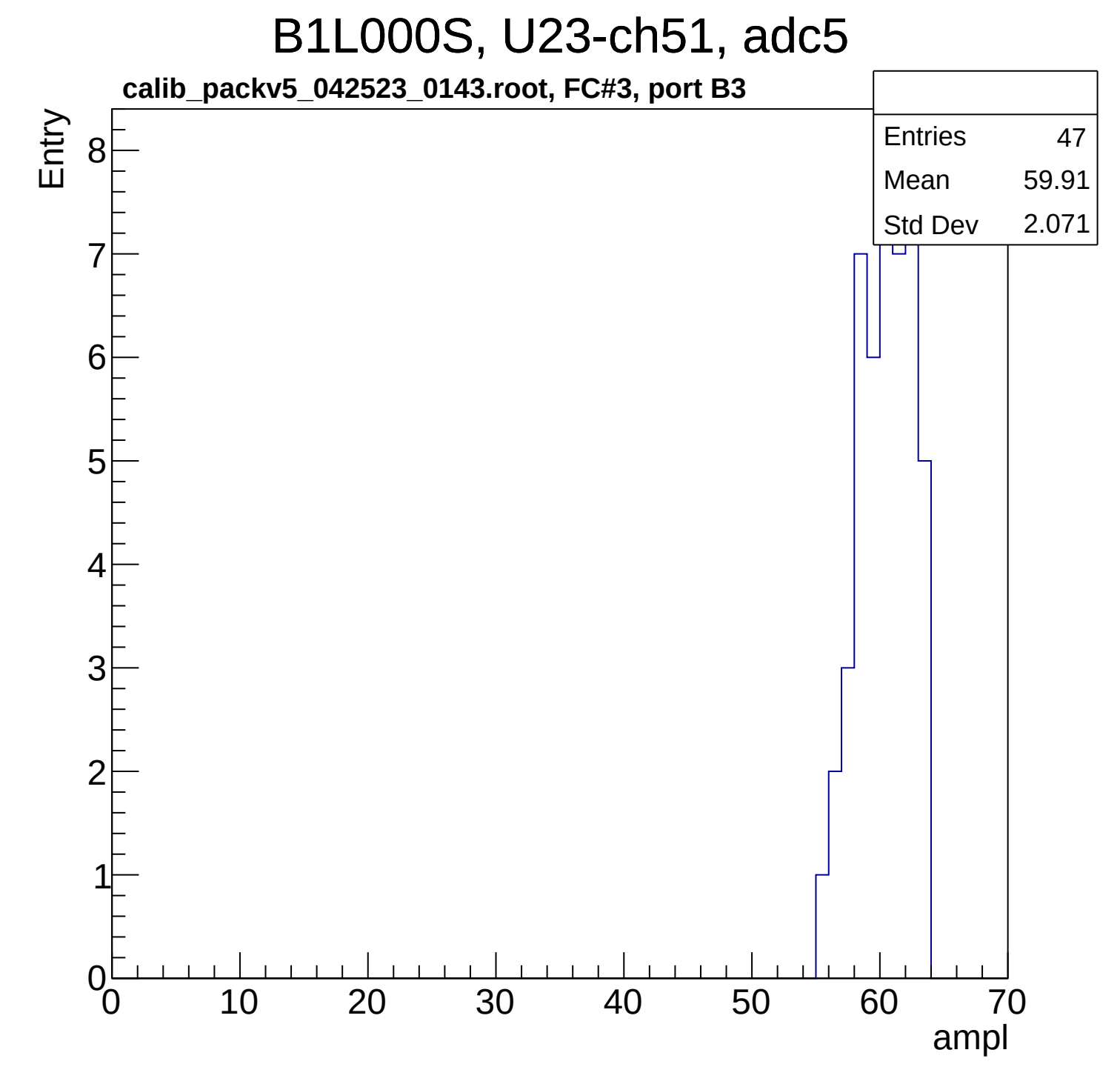
B1L000S, U23-ch51, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.91
Std Dev 2.071
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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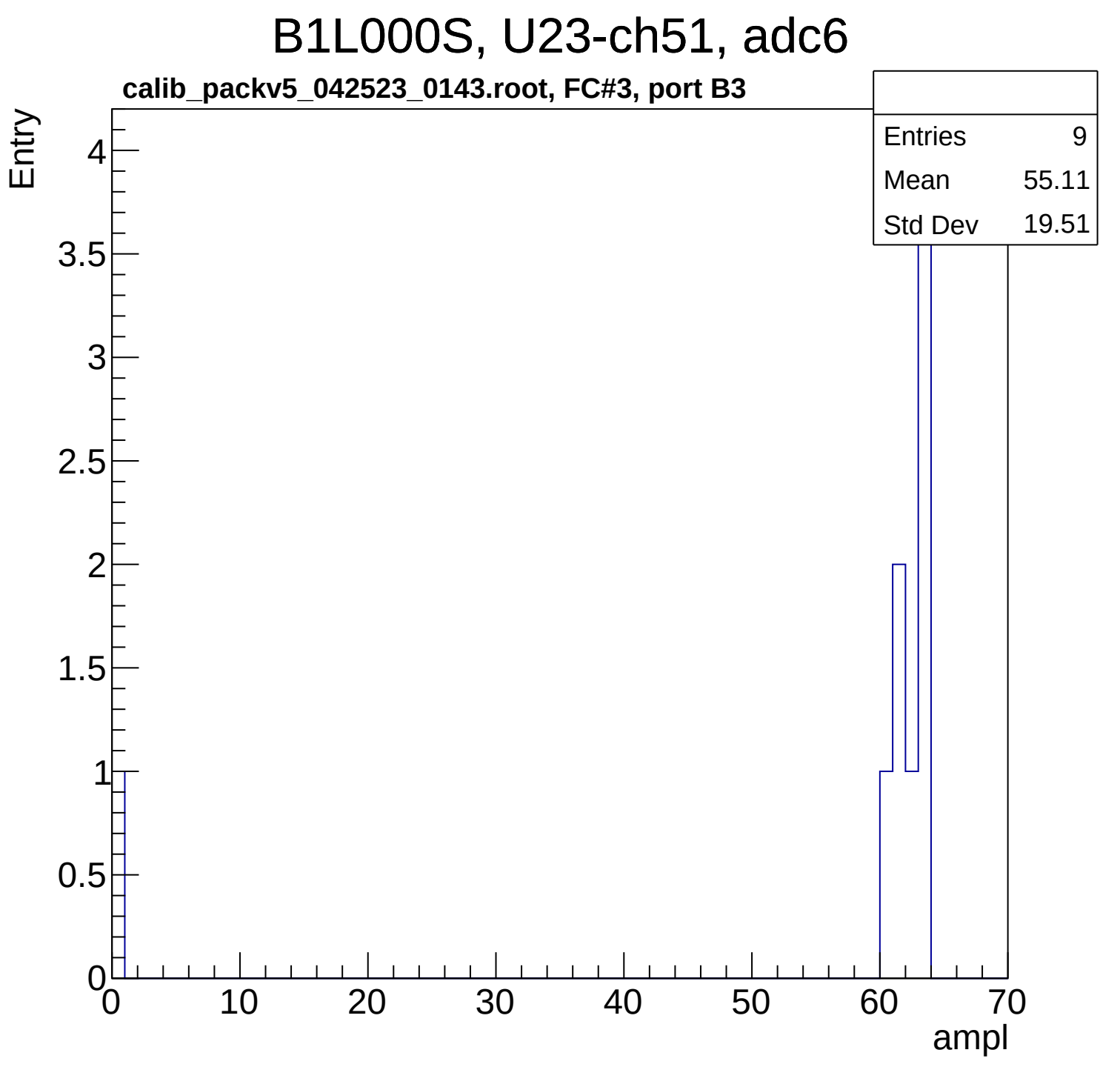
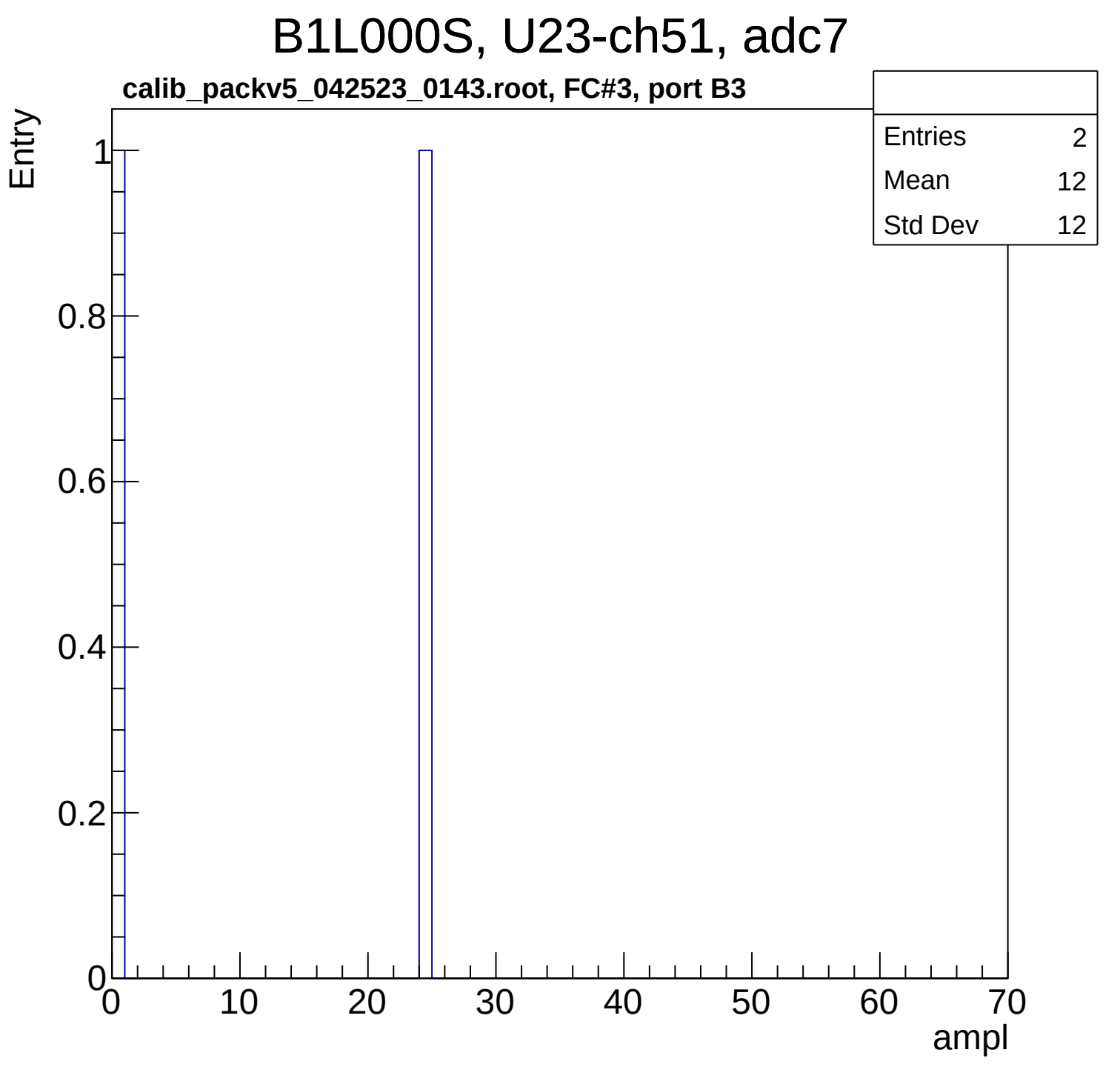

B1L000S, U23-ch51, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.11
Std Dev 19.51
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch51, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 12
Std Dev 12
Entry
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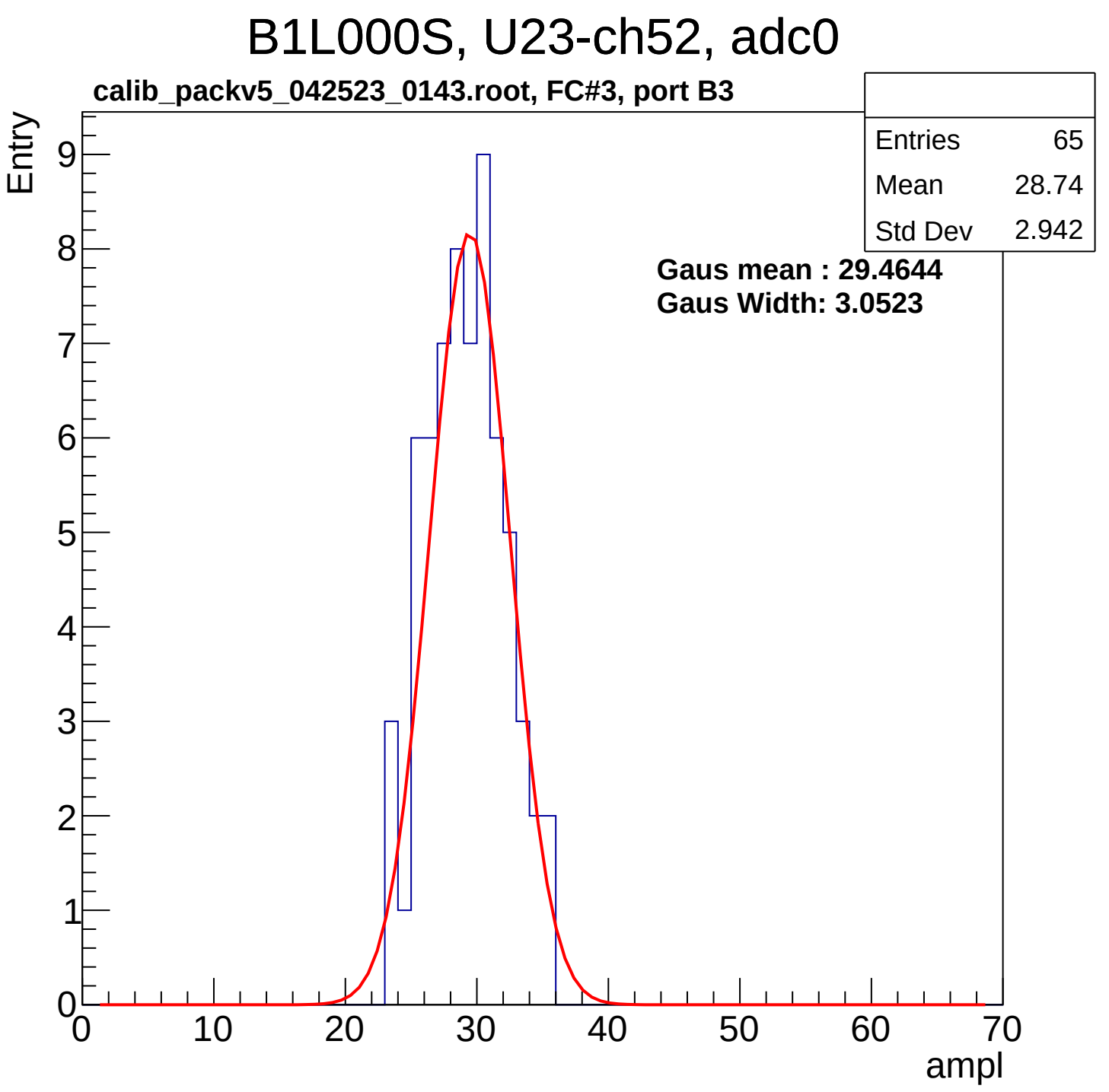
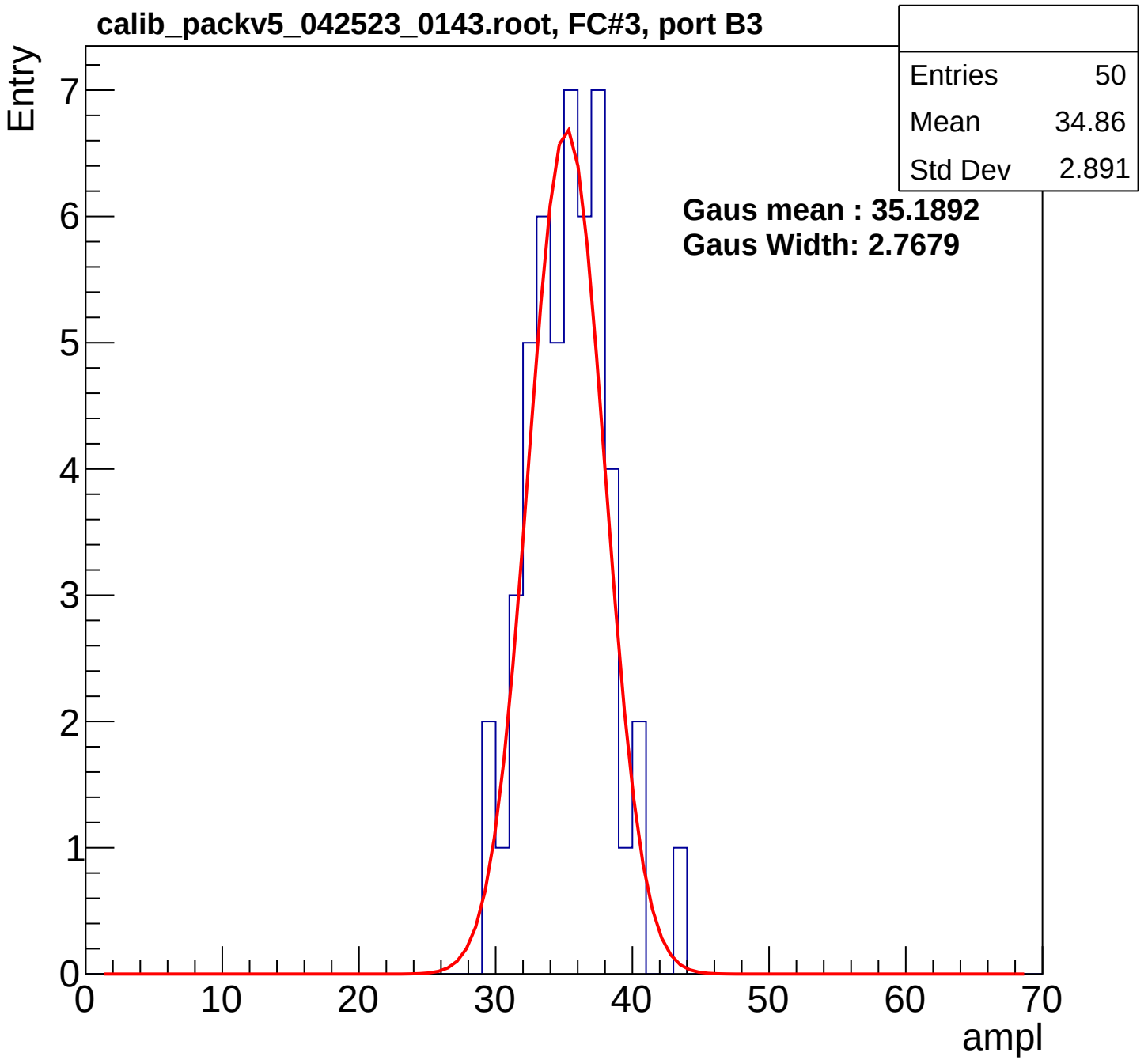
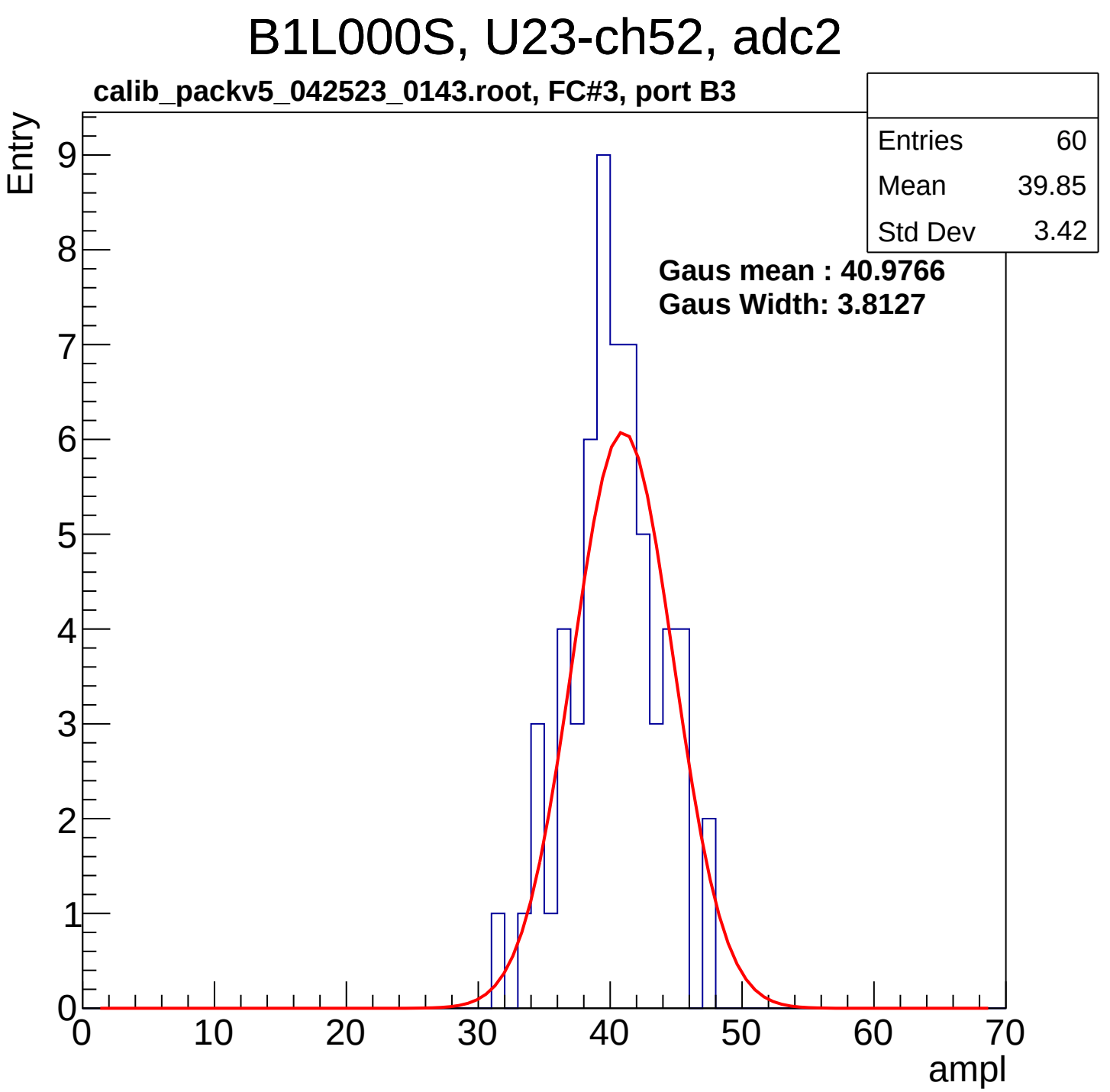
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch52, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.74
Std Dev 2.942
Gaus mean : 29.4644
Gaus Width: 3.0523
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch52, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 34.86
Std Dev 2.891
Gaus mean : 35.1892
Gaus Width: 2.7679
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch52, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 39.85
Std Dev 3.42
Gaus mean : 40.9766
Gaus Width: 3.8127
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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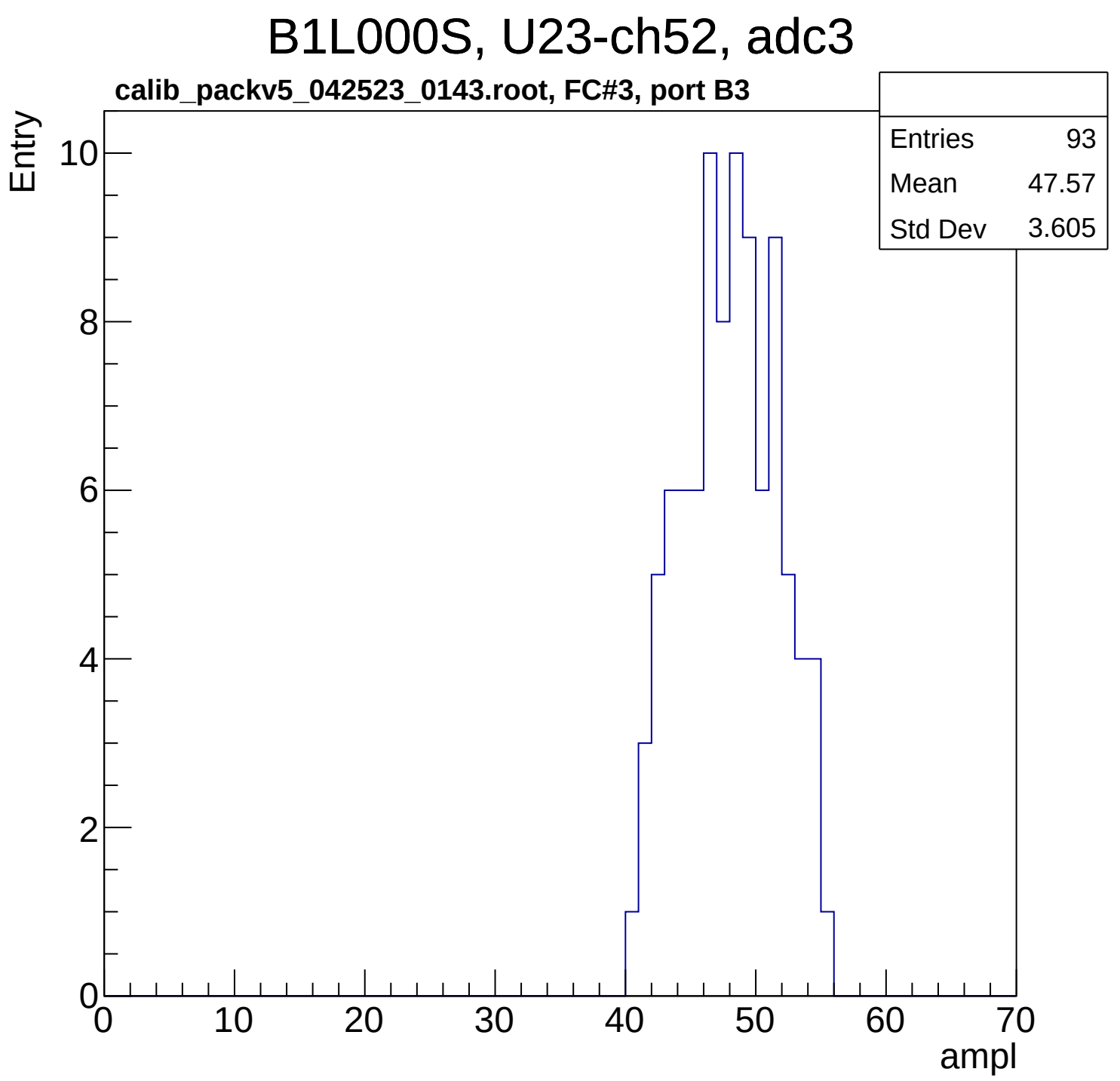
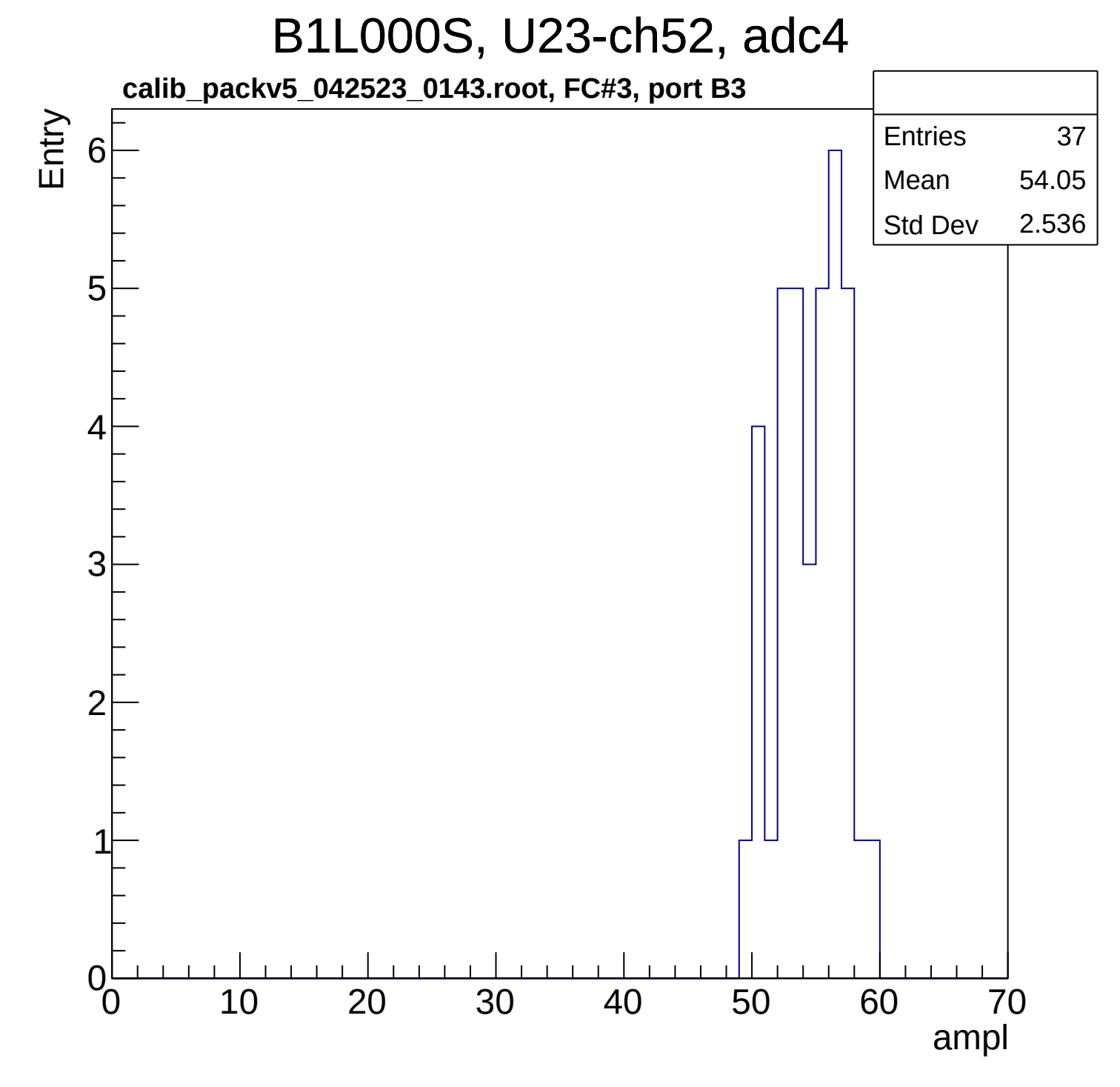

B1L000S, U23-ch52, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 93
Mean 47.57
Std Dev 3.605
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch52, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 37
Mean 54.05
Std Dev 2.536
Entry
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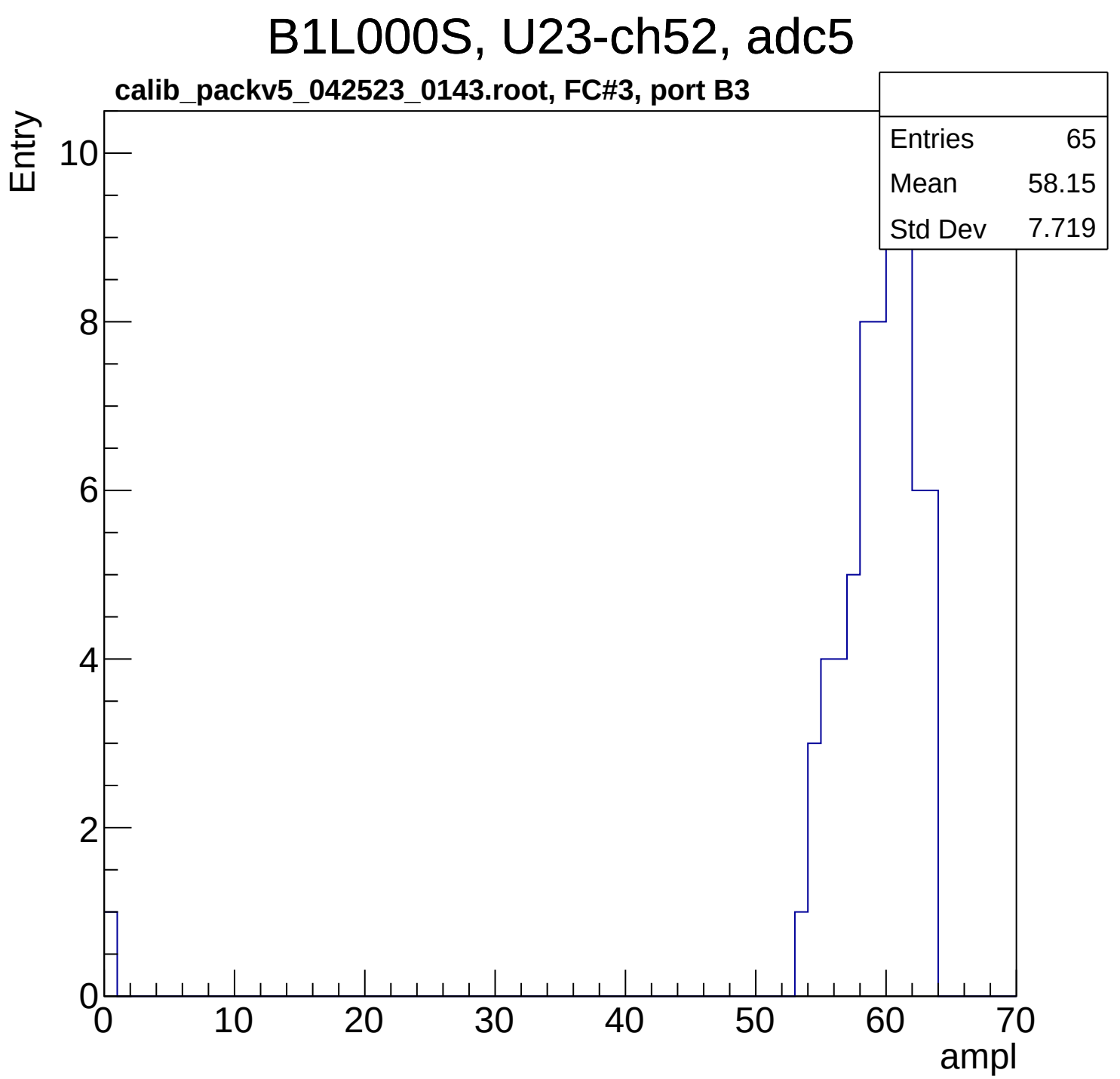
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch52, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 58.15
Std Dev 7.719
Entry
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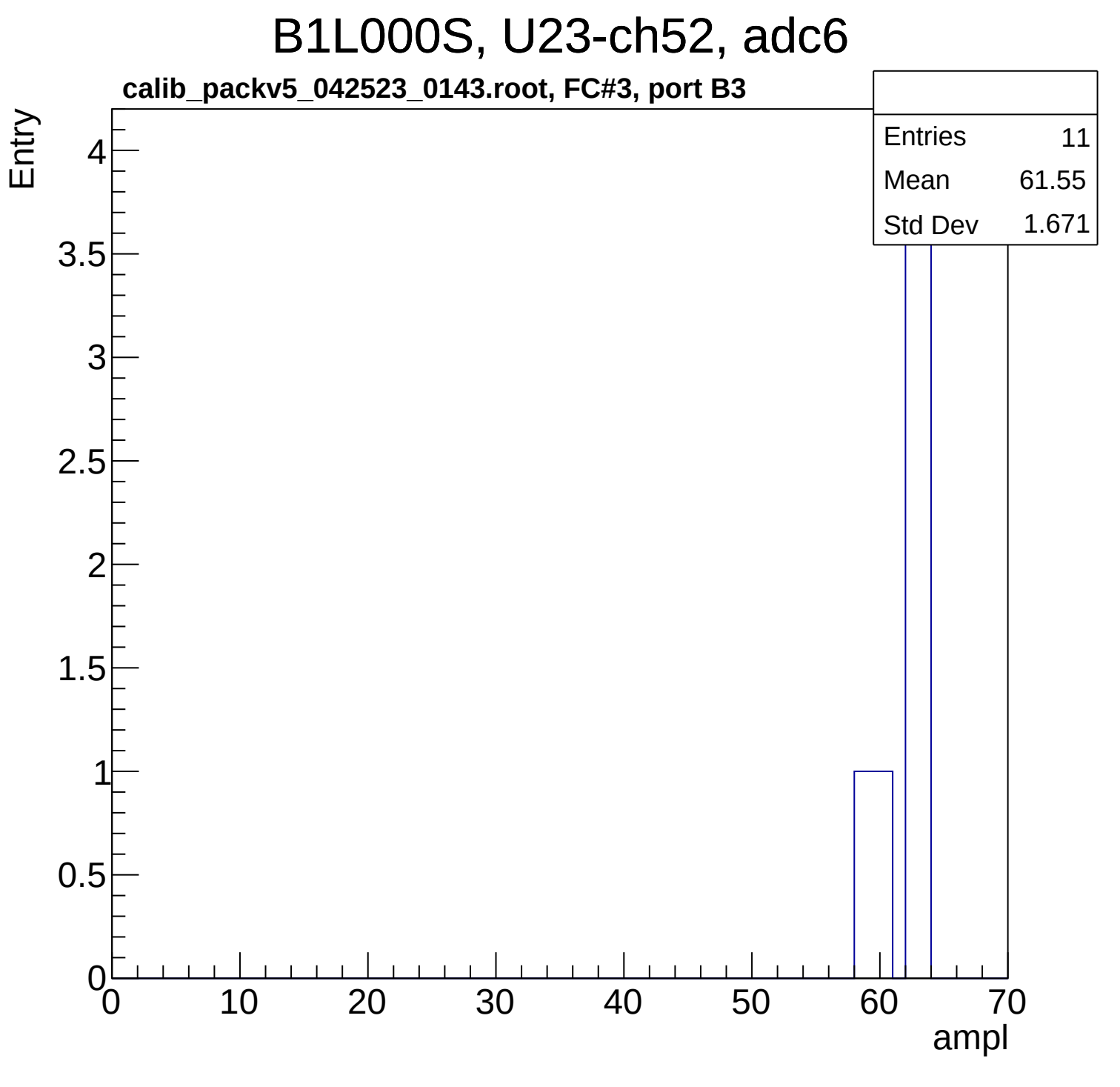
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch52, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.55
Std Dev 1.671
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
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40
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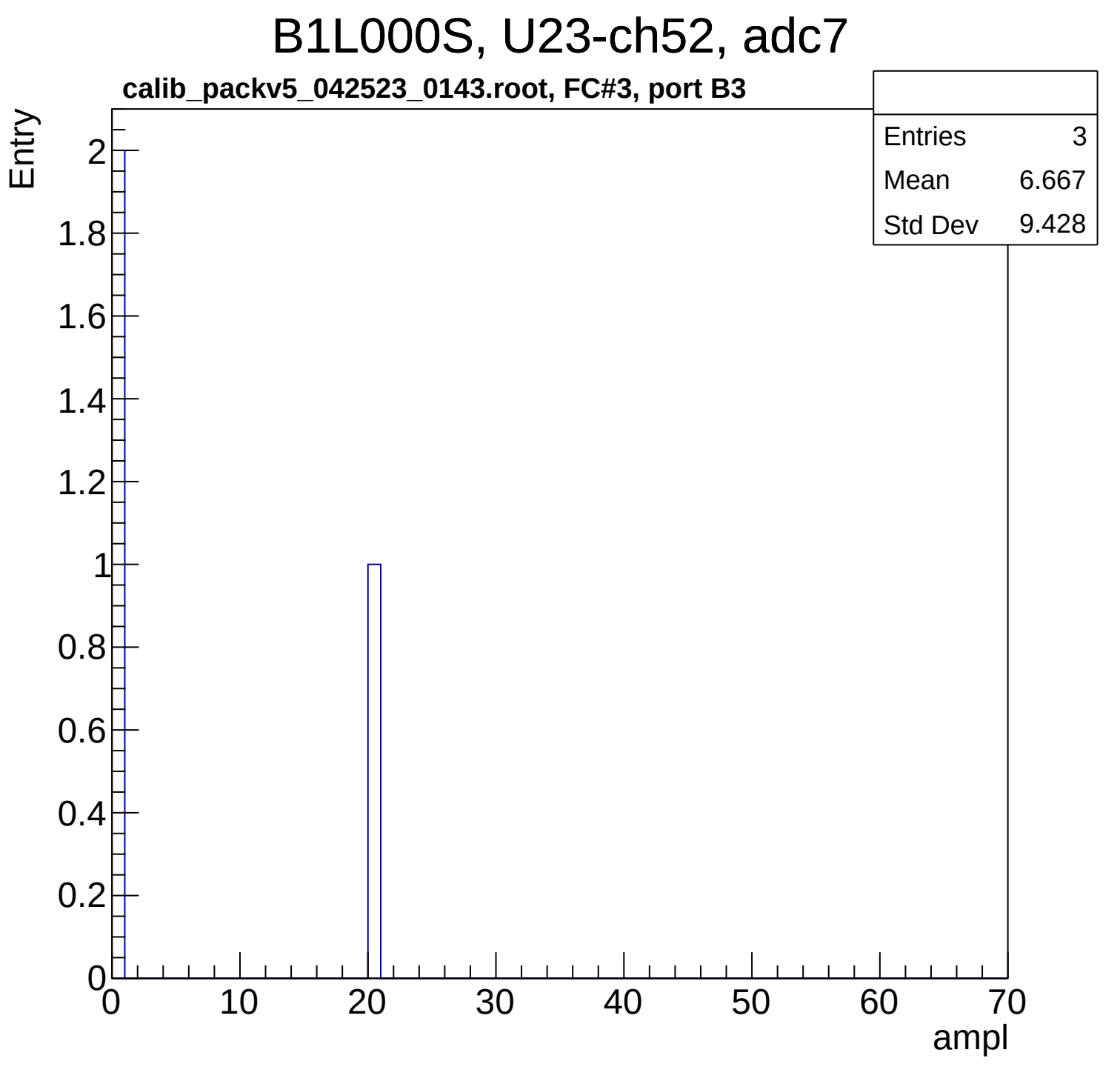
60
70


B1L000S, U23-ch52, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 6.667
Std Dev 9.428
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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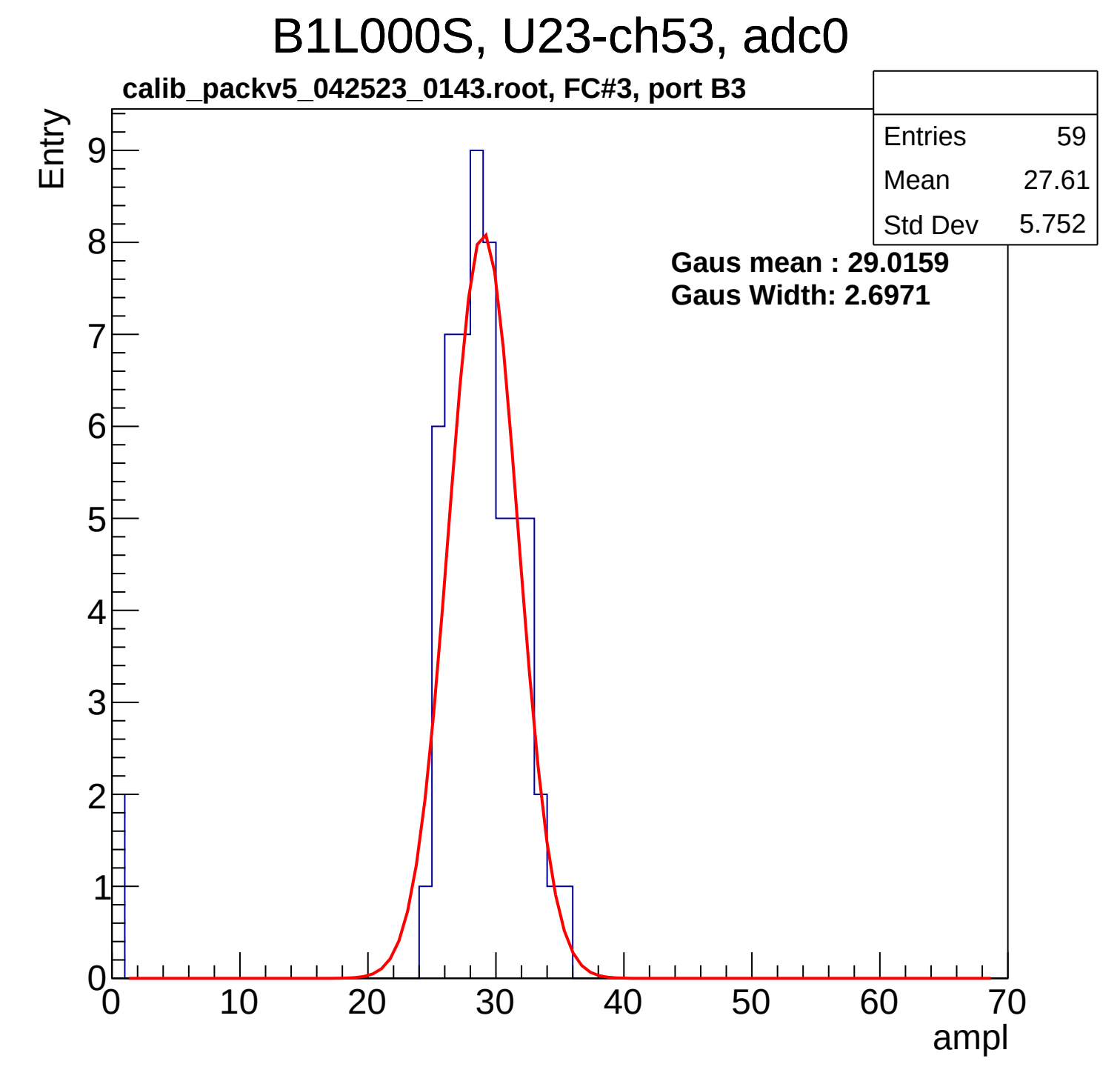
B1L000S, U23-ch53, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 27.61
Std Dev 5.752
Gaus mean : 29.0159
Gaus Width: 2.6971
Entry
ampl
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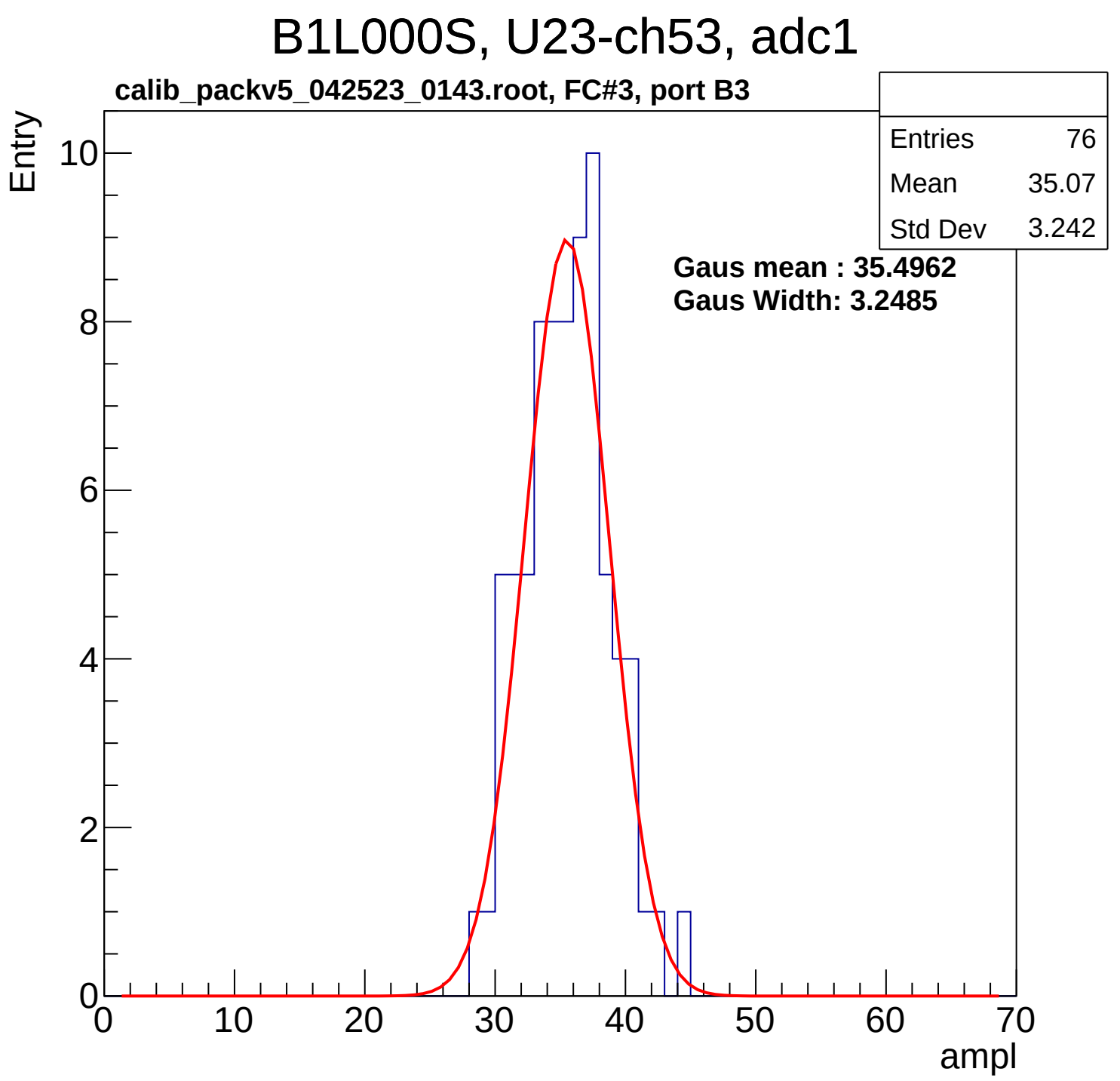
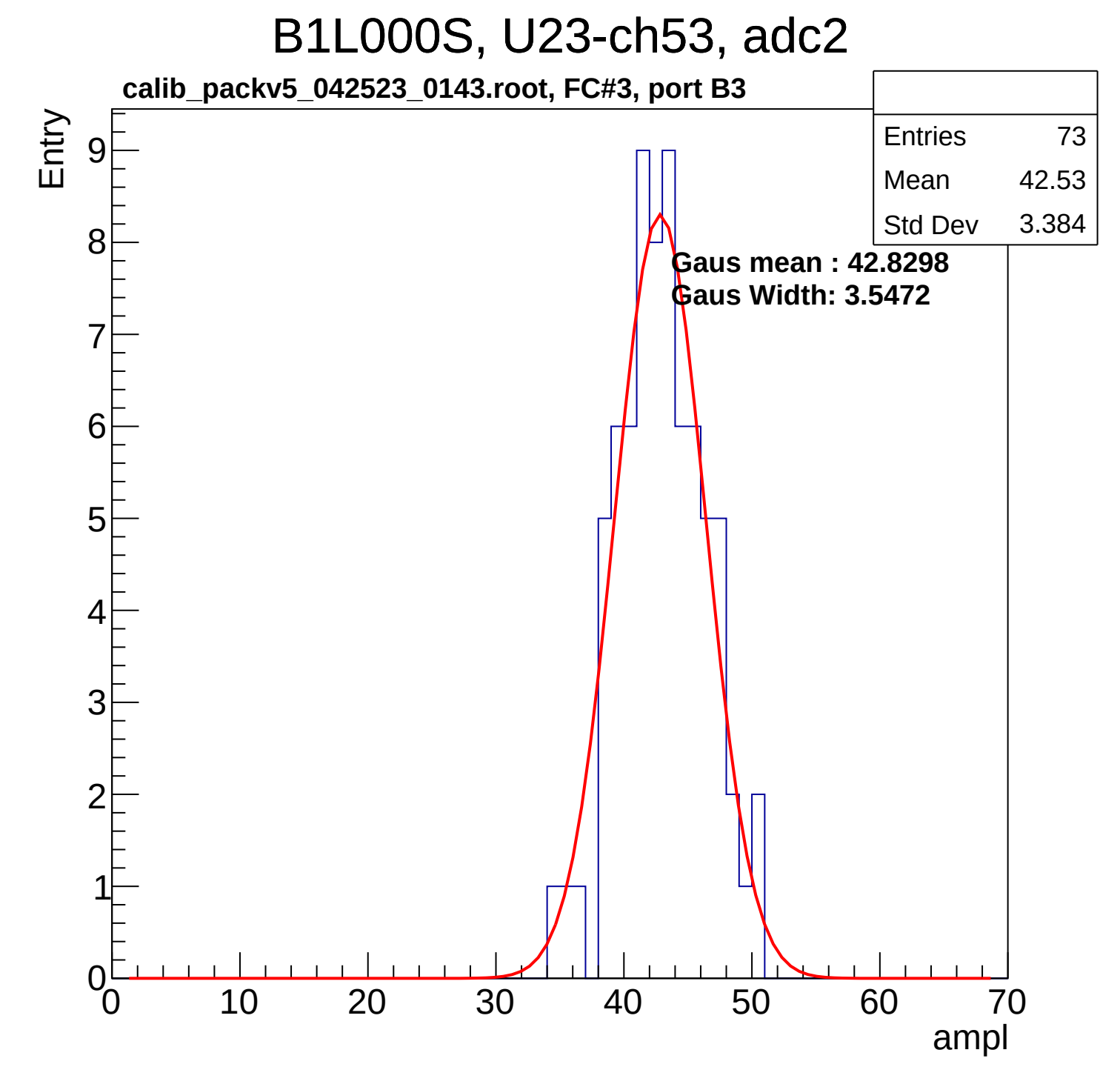
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch53, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 35.07
Std Dev 3.242
Gaus mean : 35.4962
Gaus Width: 3.2485
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch53, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 42.53
Std Dev 3.384
Gaus mean : 42.8298
Gaus Width: 3.5472
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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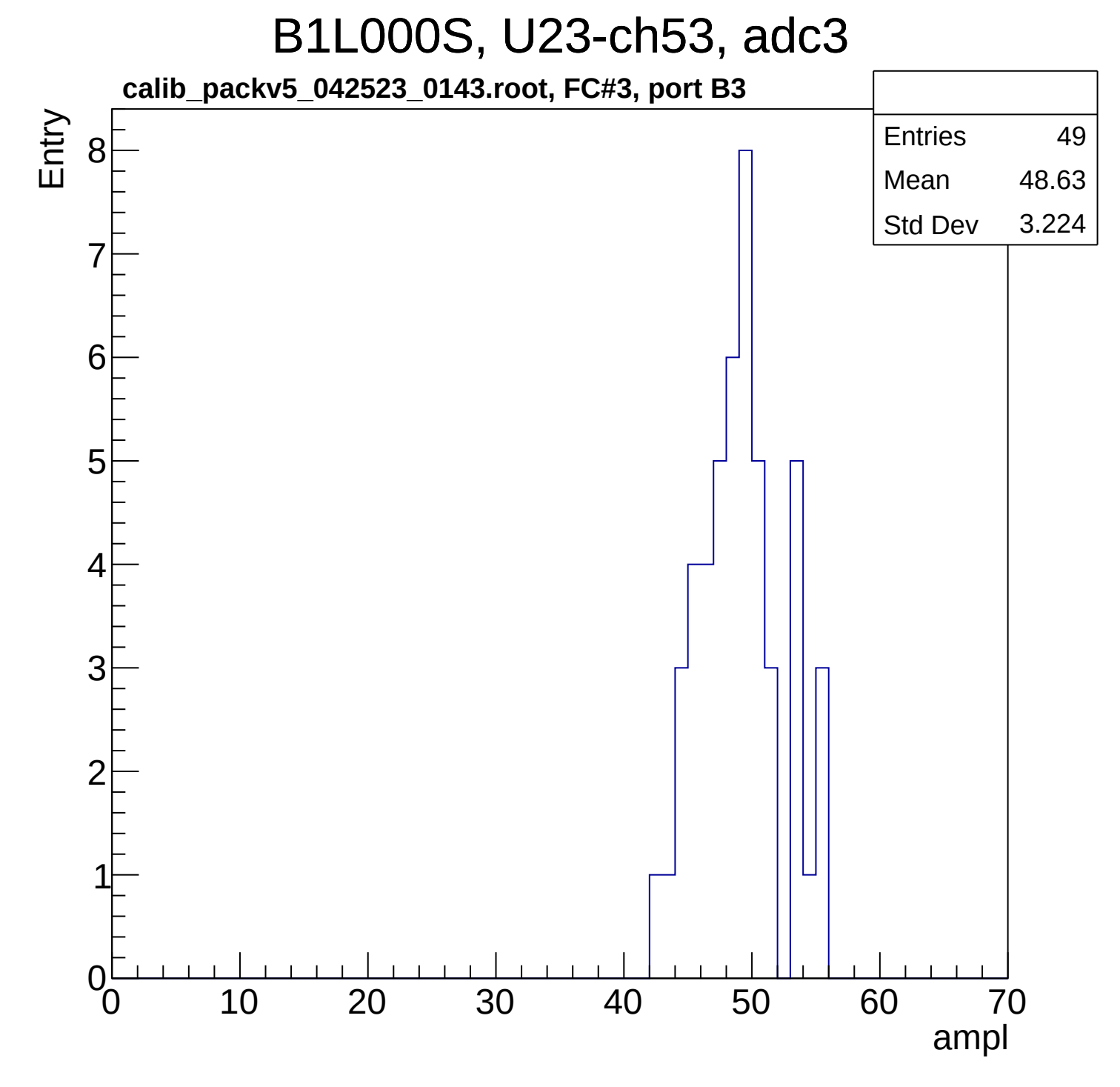
B1L000S, U23-ch53, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 48.63
Std Dev 3.224
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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60
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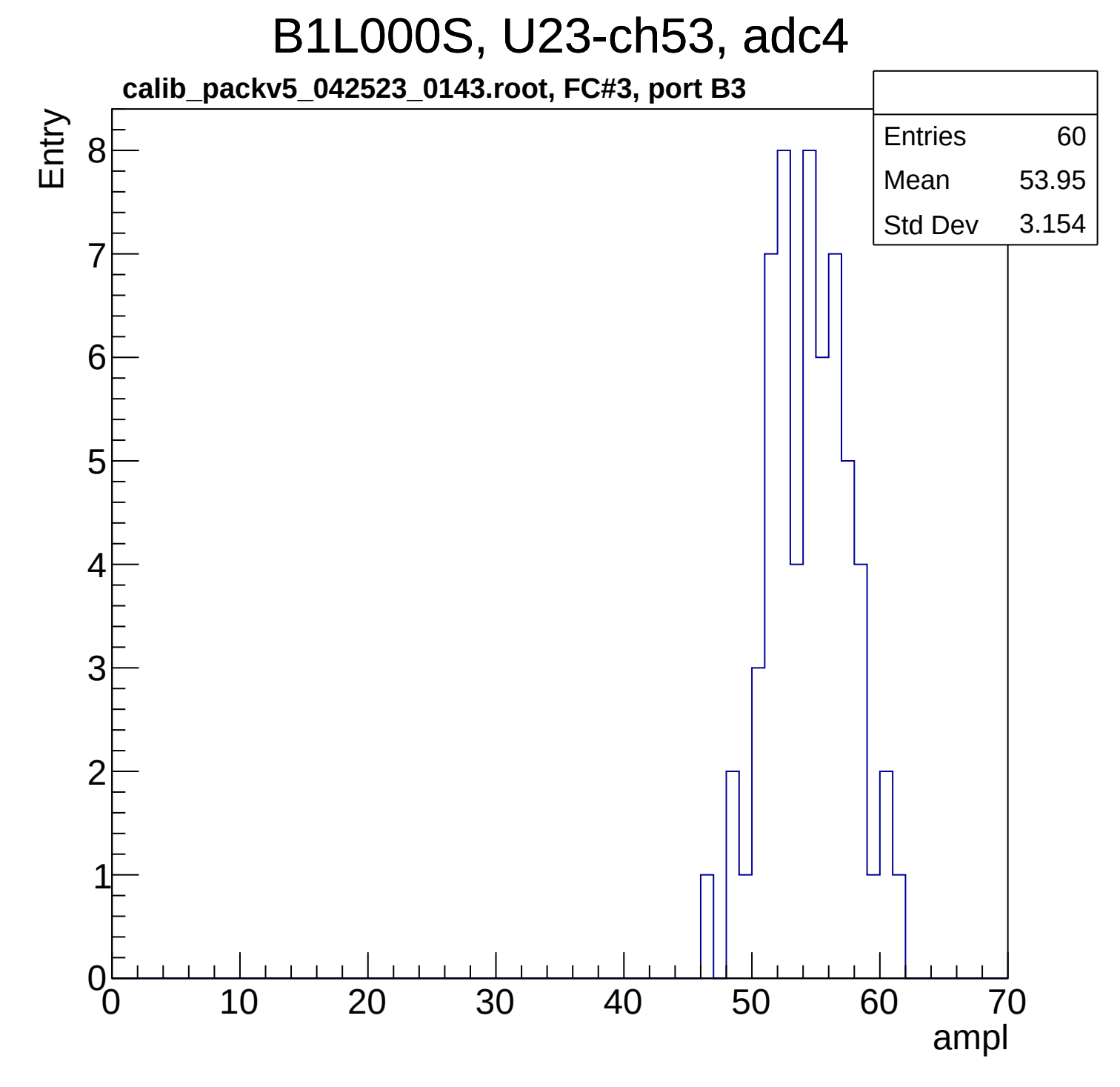
B1L000S, U23-ch53, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 53.95
Std Dev 3.154
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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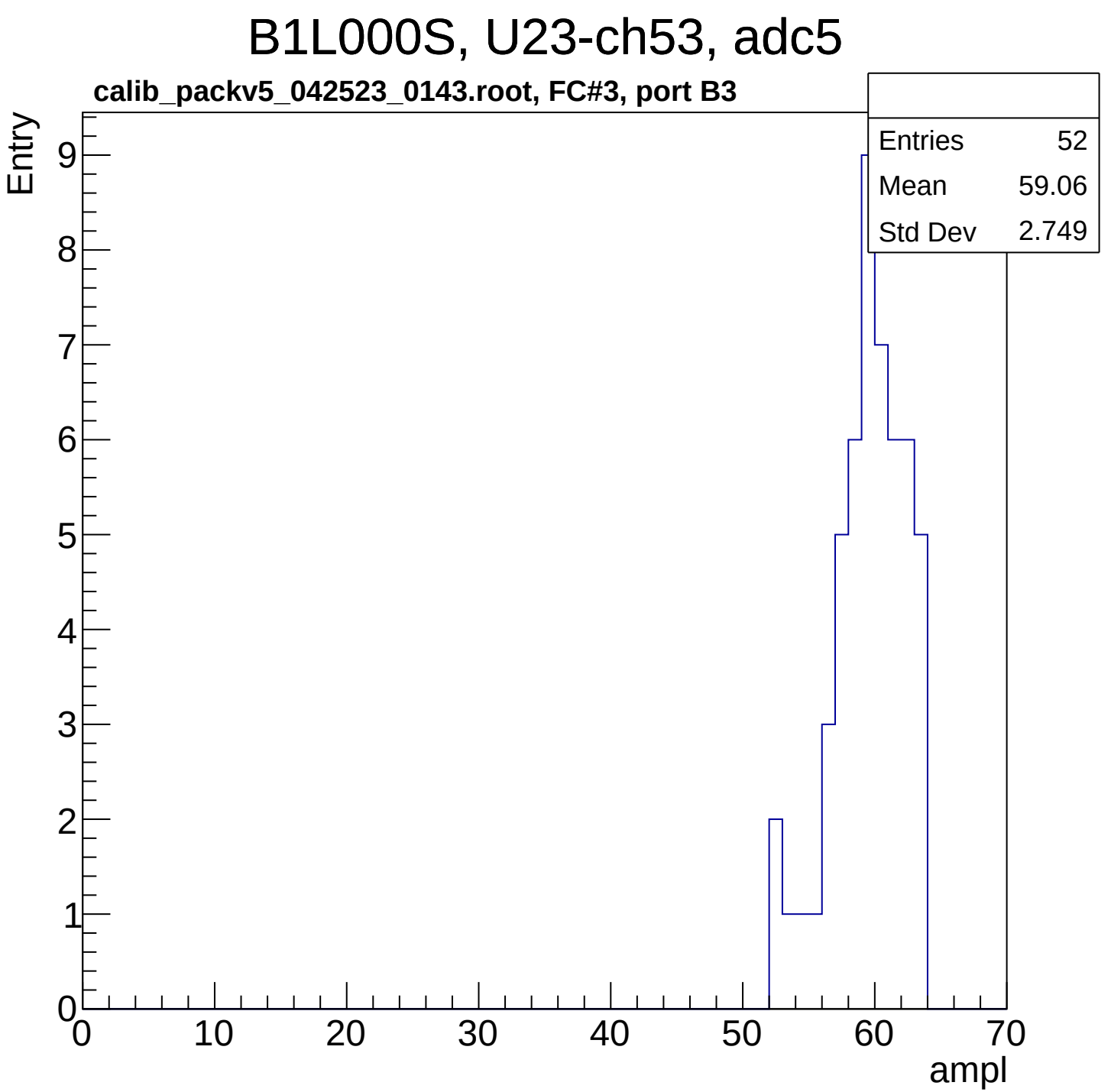
B1L000S, U23-ch53, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.06
Std Dev 2.749
Entry
ampl
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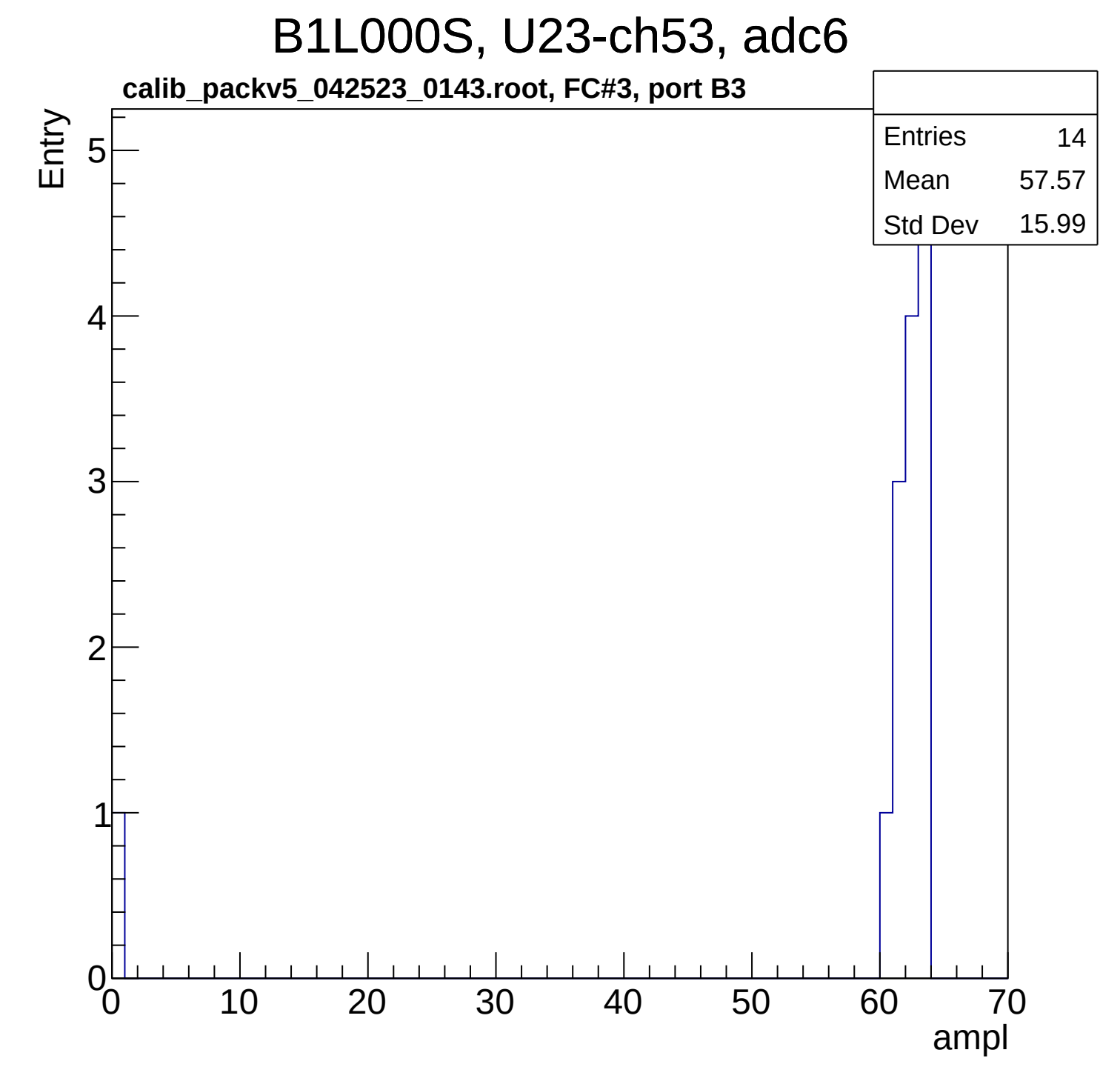
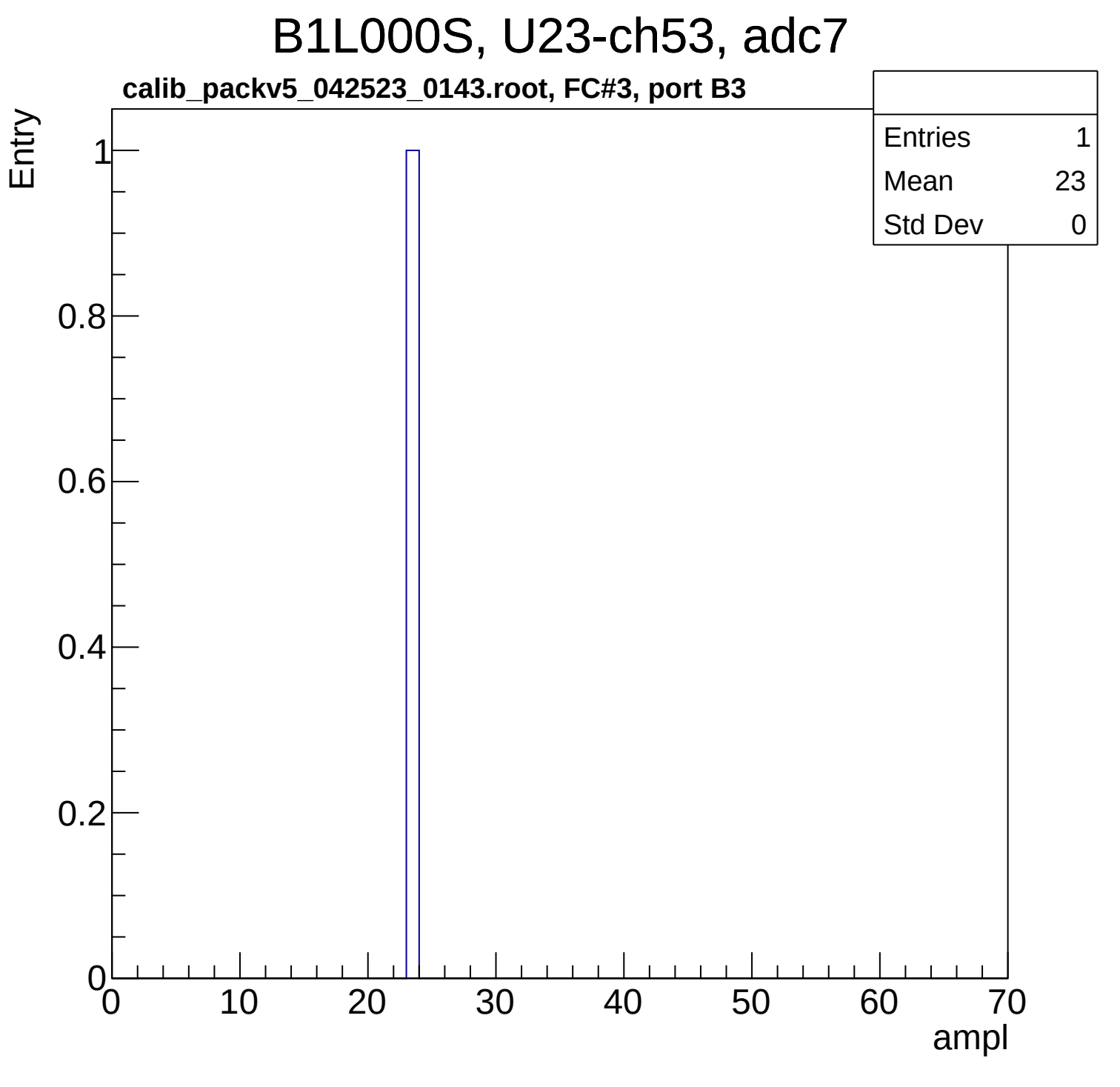
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch53, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.57
Std Dev 15.99
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U23-ch53, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
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0.2
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10
20
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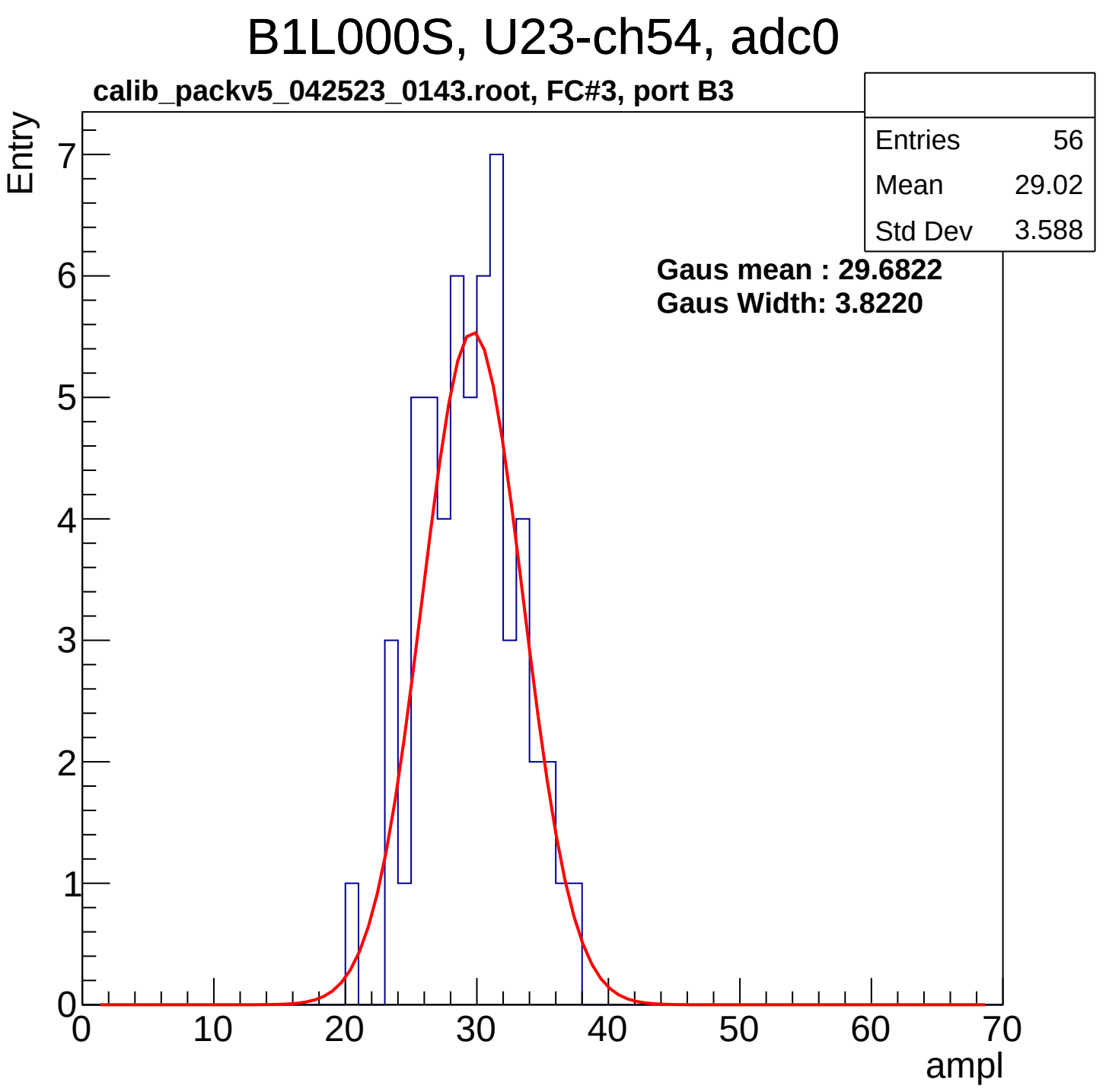
50
60
70
ampl


B1L000S, U23-ch54, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 29.02
Std Dev 3.588
Gaus mean : 29.6822
Gaus Width: 3.8220
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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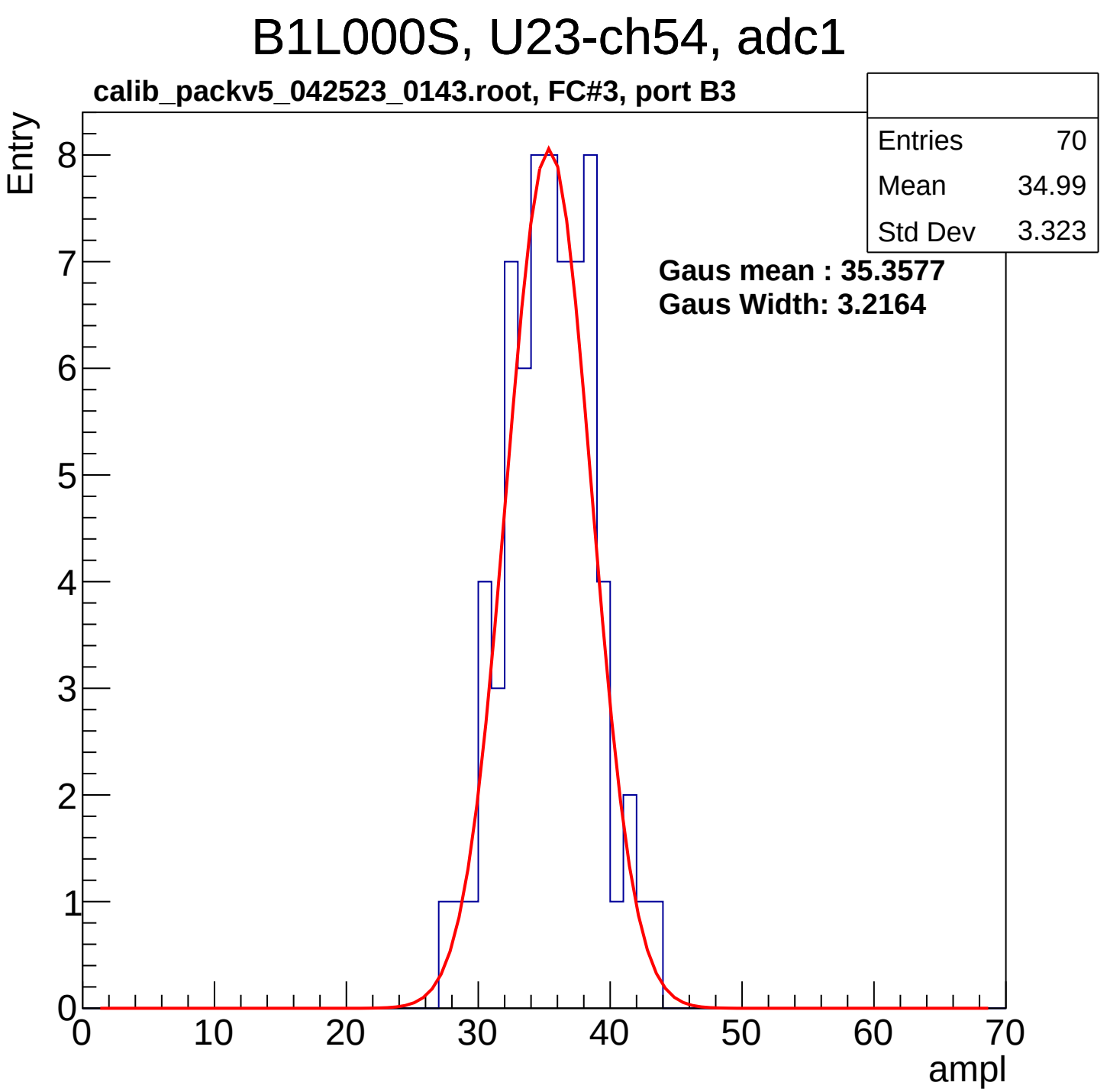
B1L000S, U23-ch54, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 34.99
Std Dev 3.323
Gaus mean : 35.3577
Gaus Width: 3.2164
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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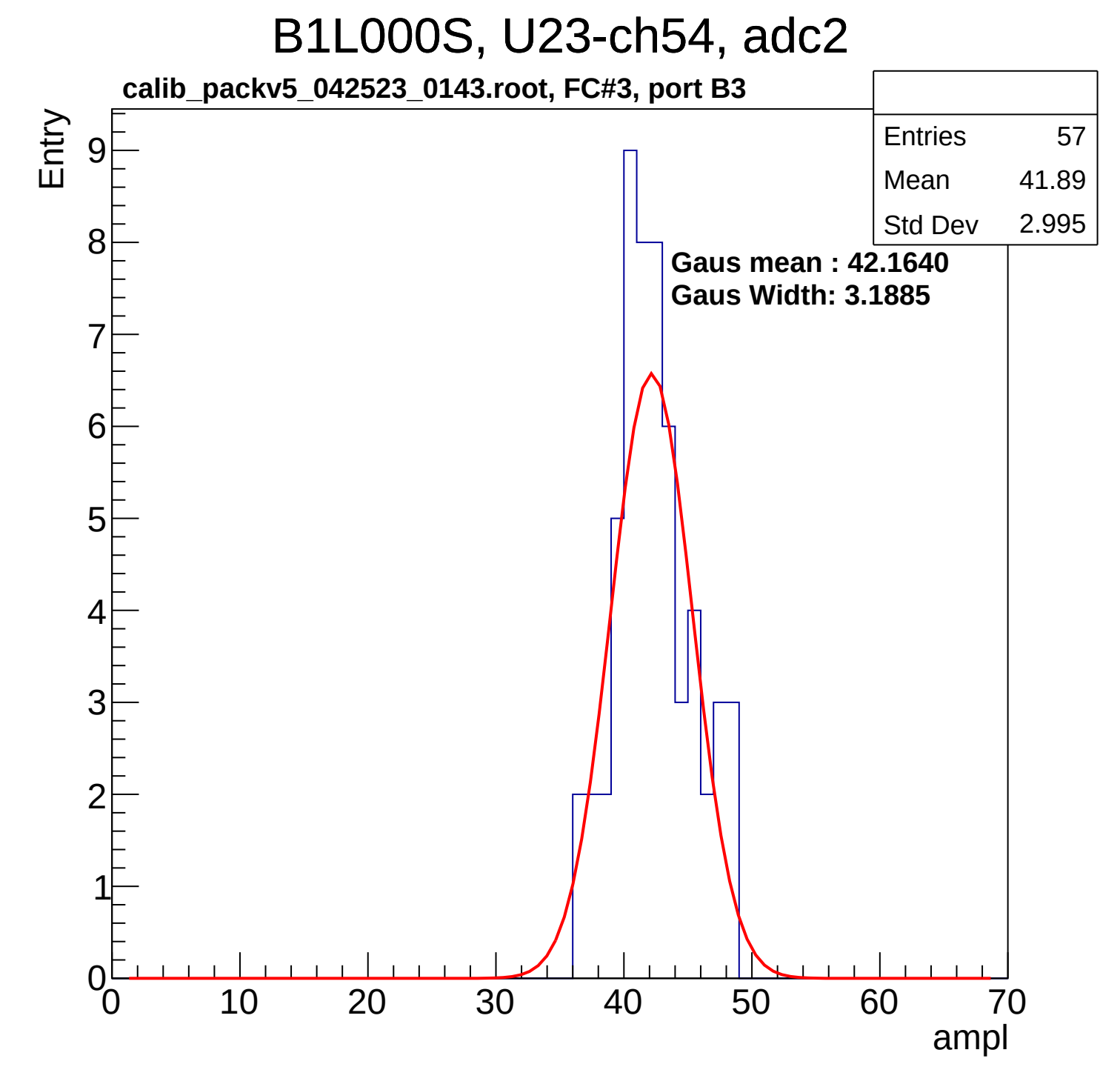
B1L000S, U23-ch54, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.89
Std Dev 2.995
Gaus mean : 42.1640
Gaus Width: 3.1885
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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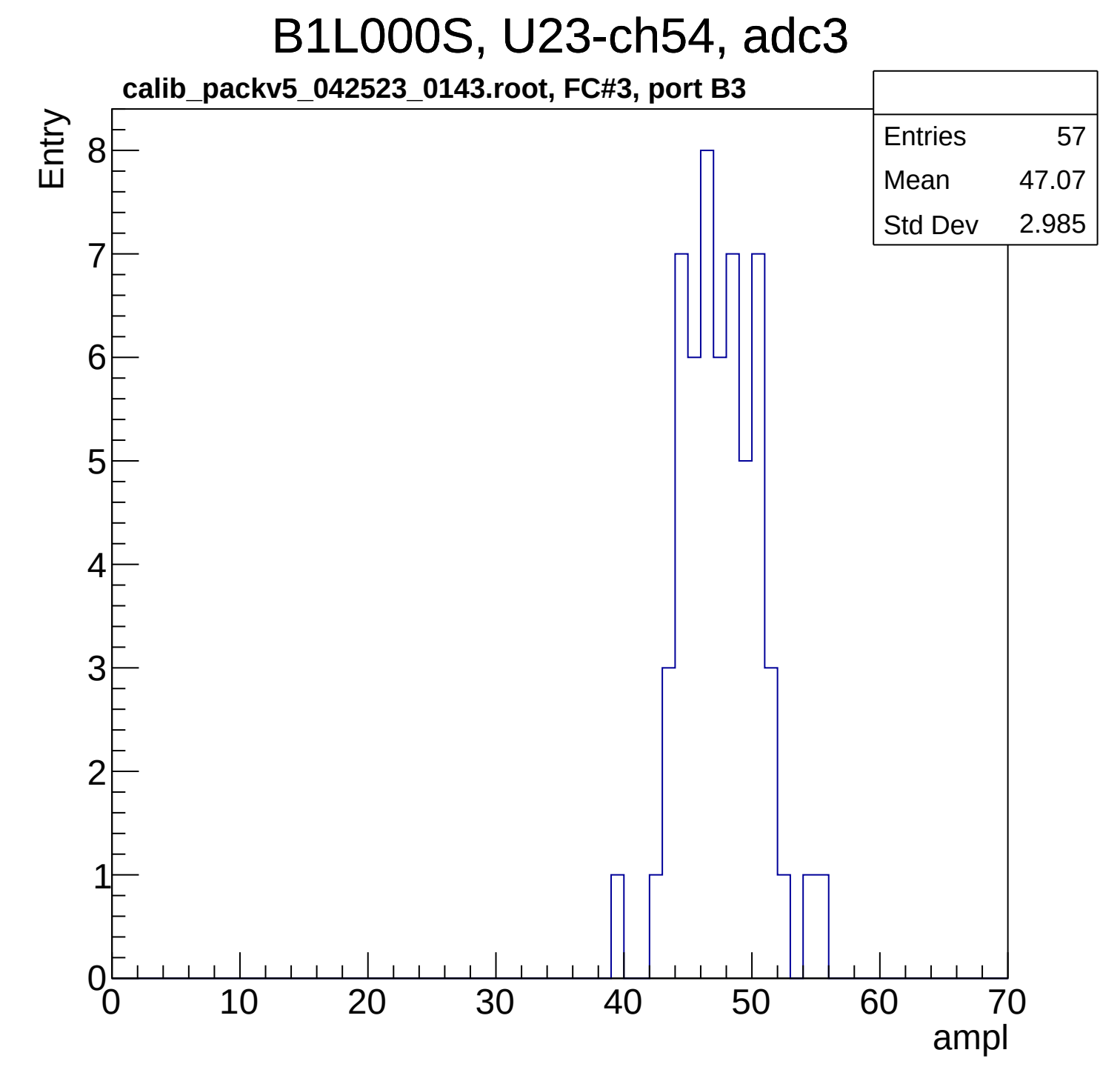
B1L000S, U23-ch54, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.07
Std Dev 2.985
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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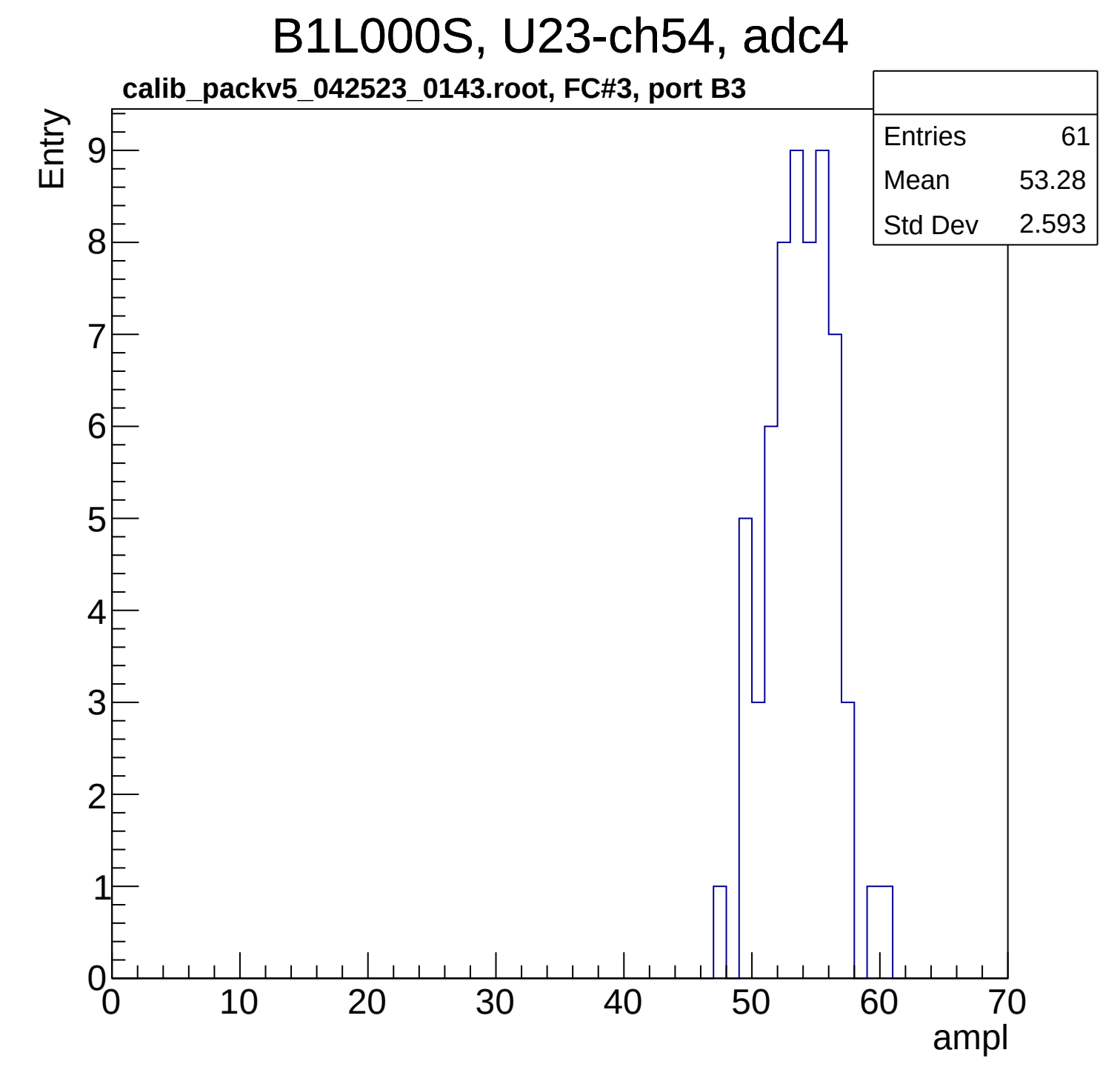
B1L000S, U23-ch54, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.28
Std Dev 2.593
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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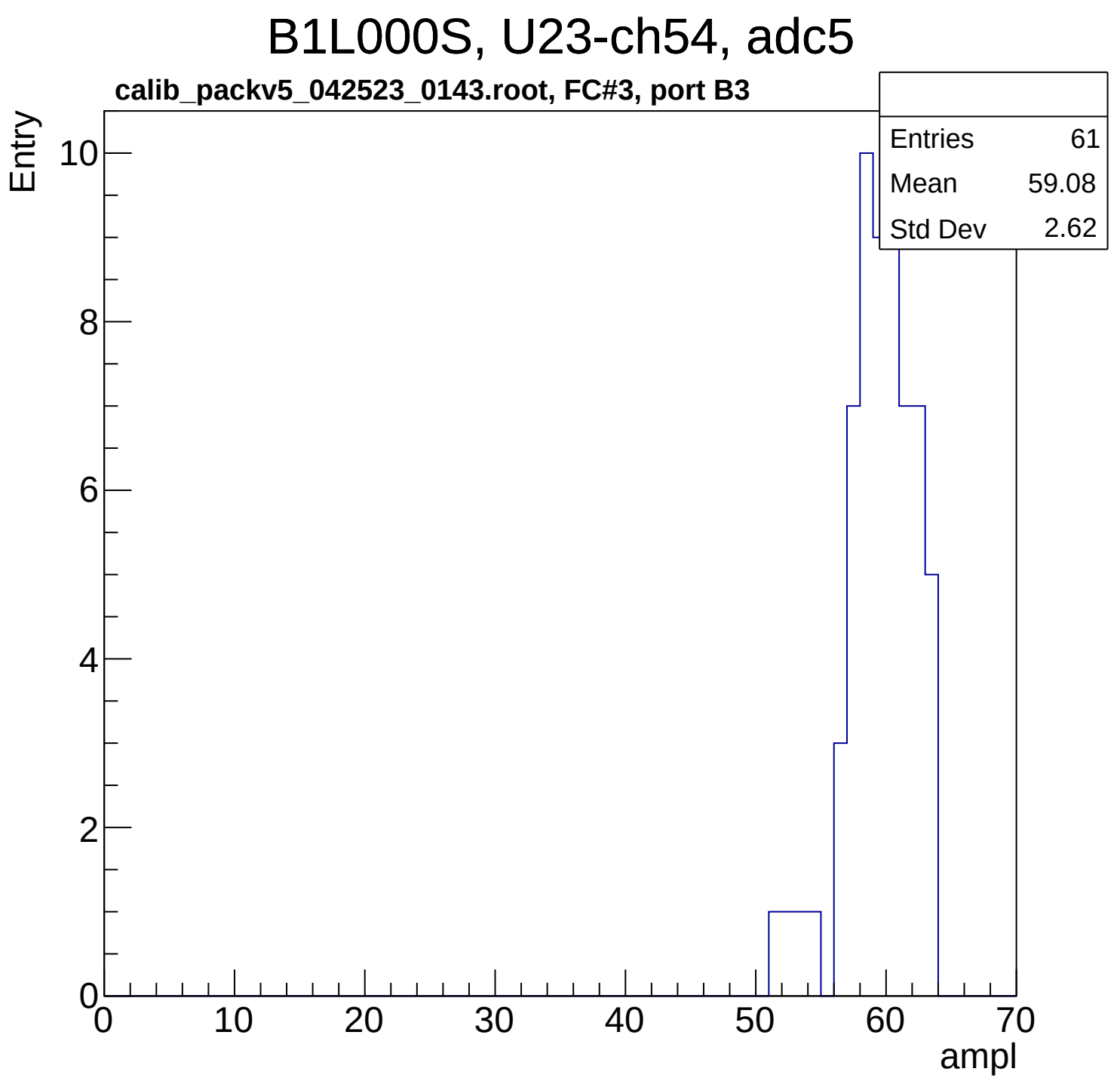
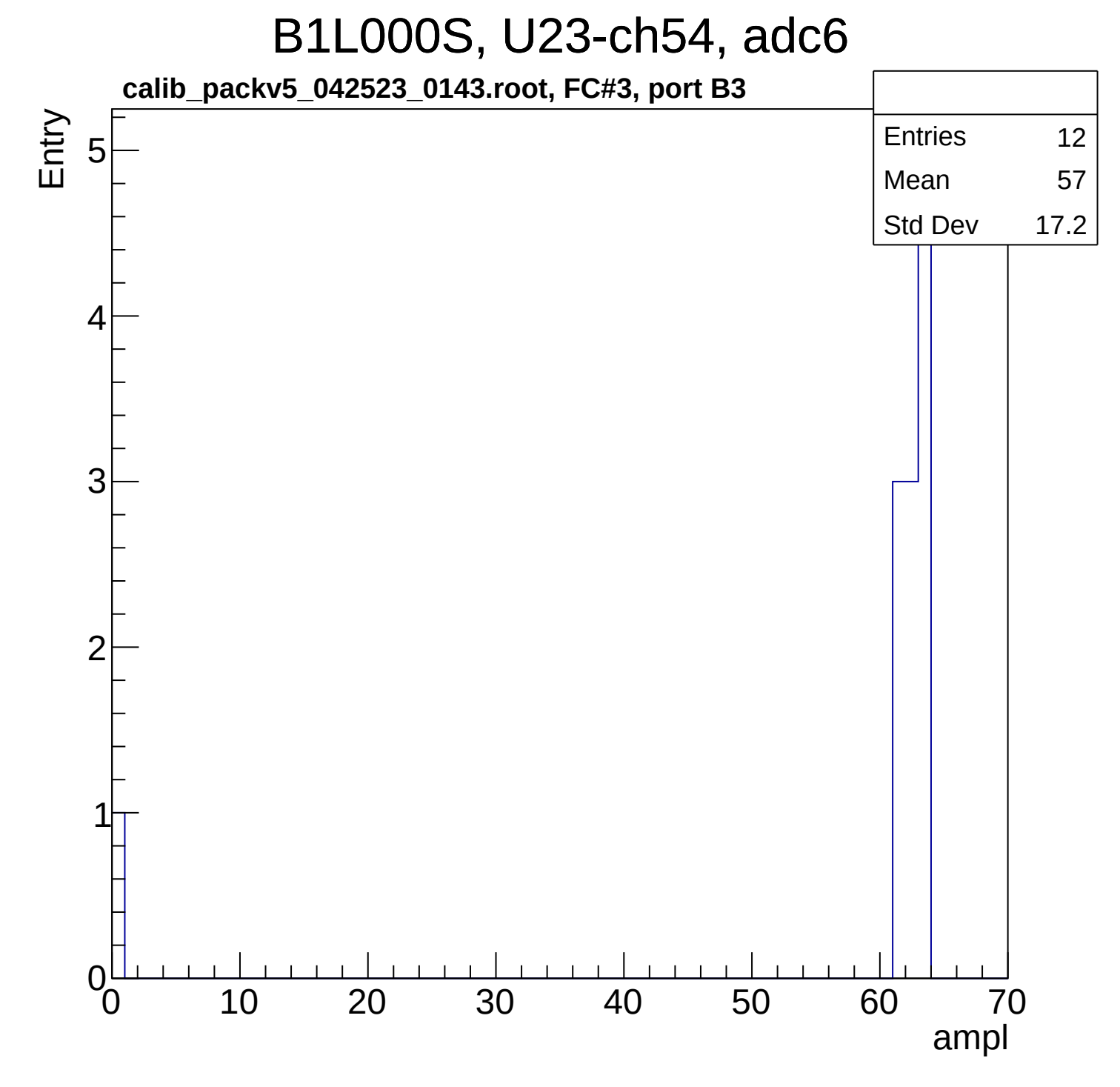
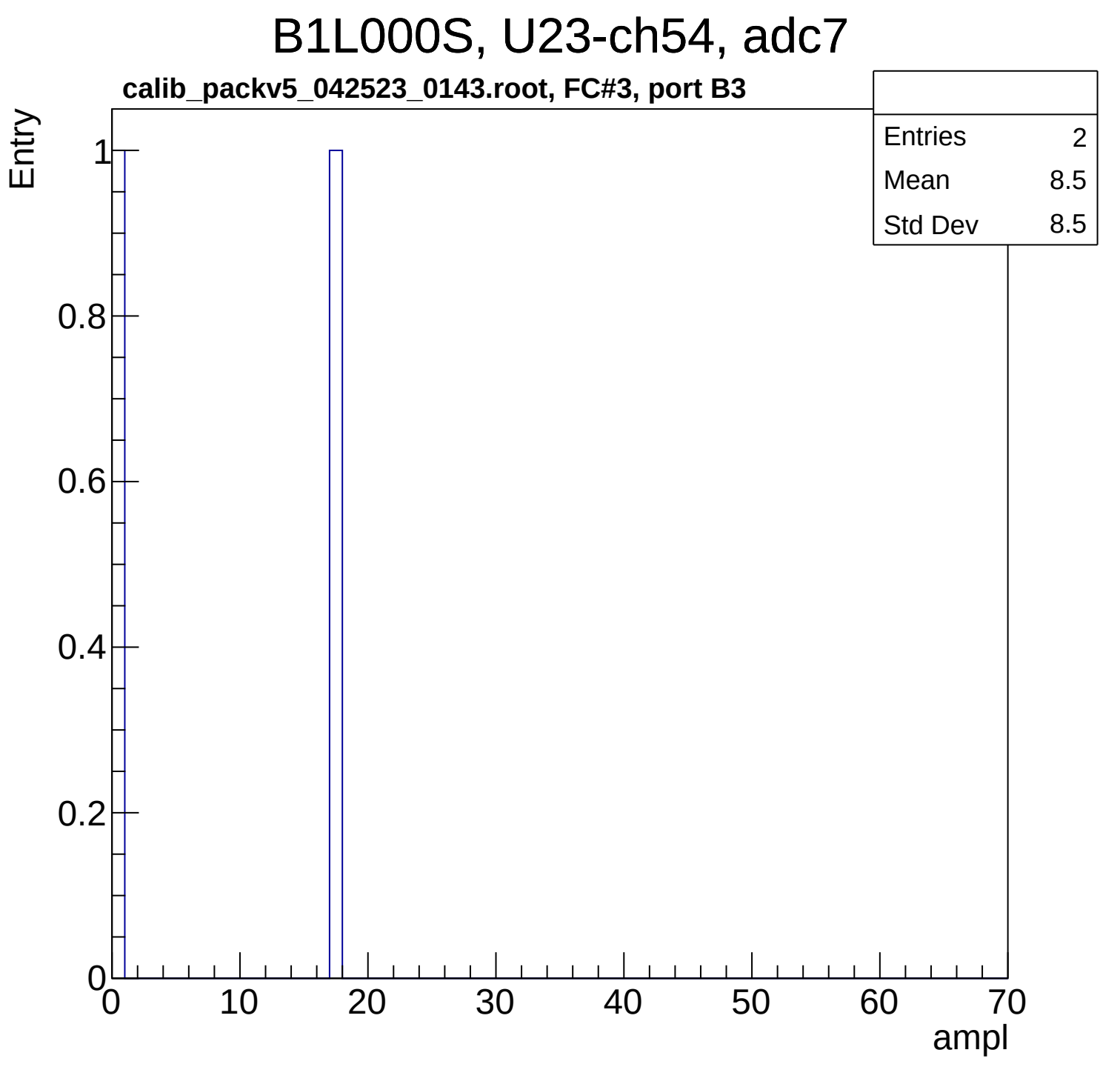
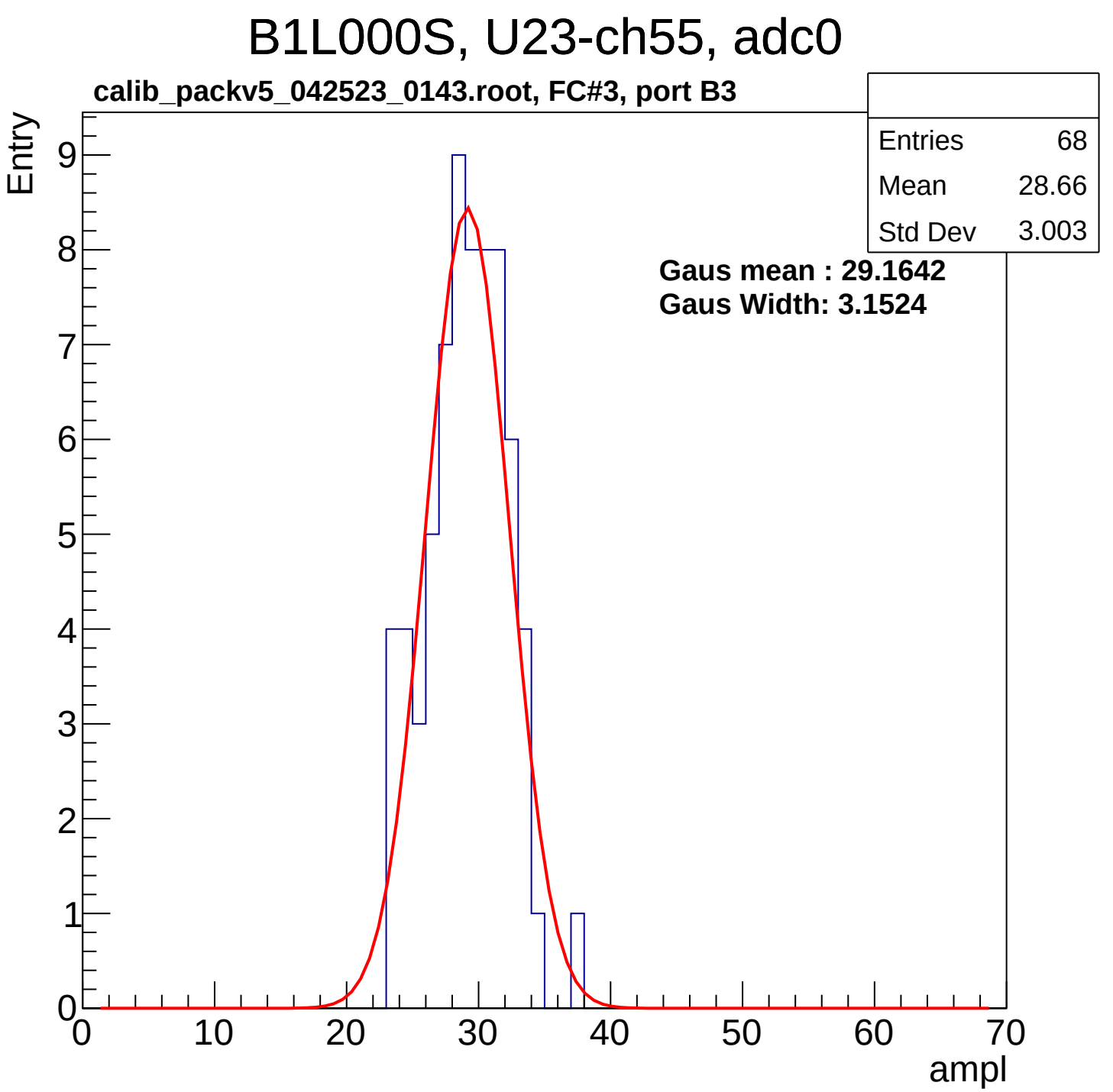
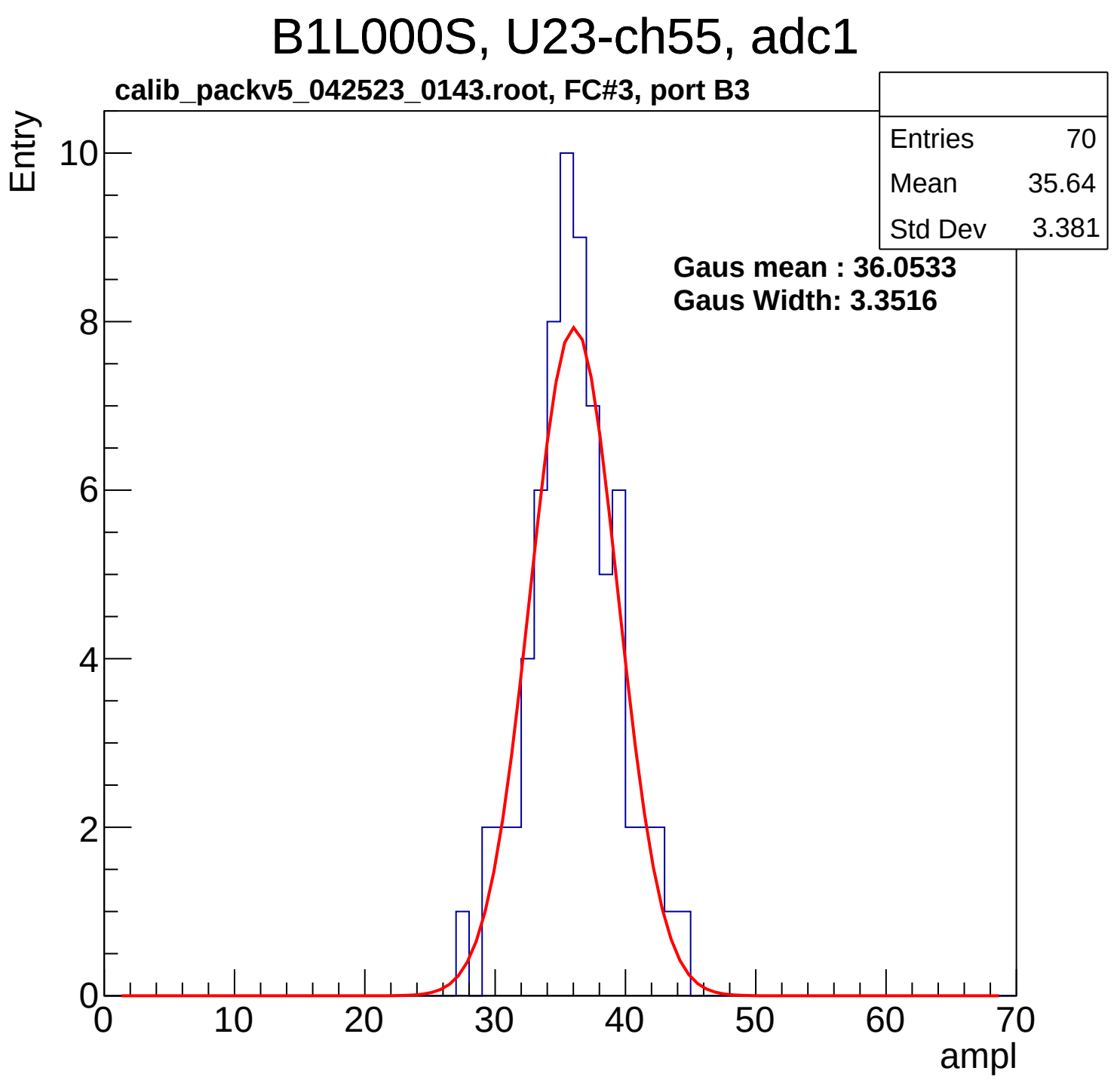

B1L000S, U23-ch54, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 59.08
Std Dev 2.62
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch54, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 57
Std Dev 17.2
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch54, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 8.5
Std Dev 8.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch55, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.66
Std Dev 3.003
Gaus mean : 29.1642
Gaus Width: 3.1524
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch55, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.64
Std Dev 3.381
Gaus mean : 36.0533
Gaus Width: 3.3516
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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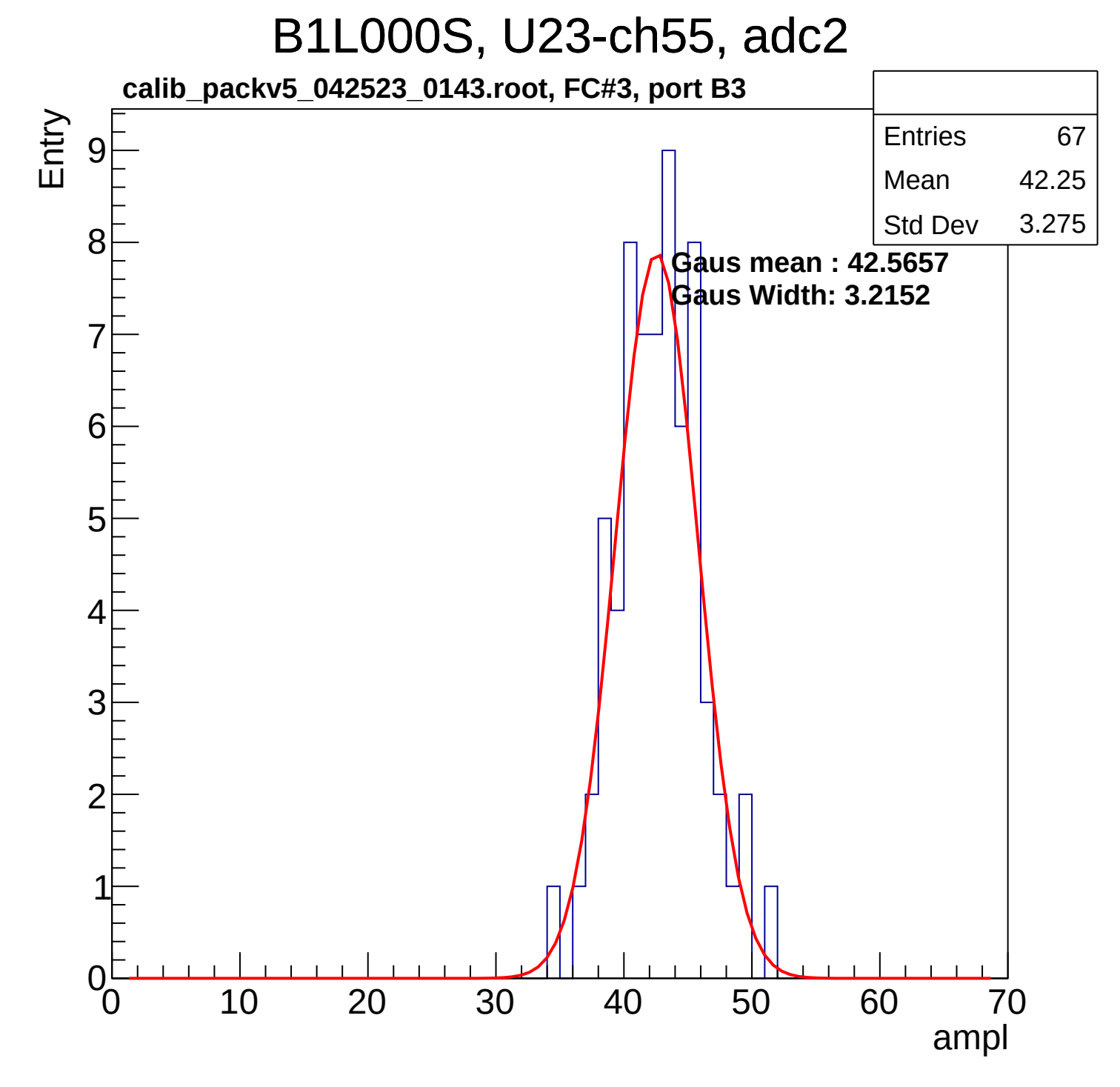
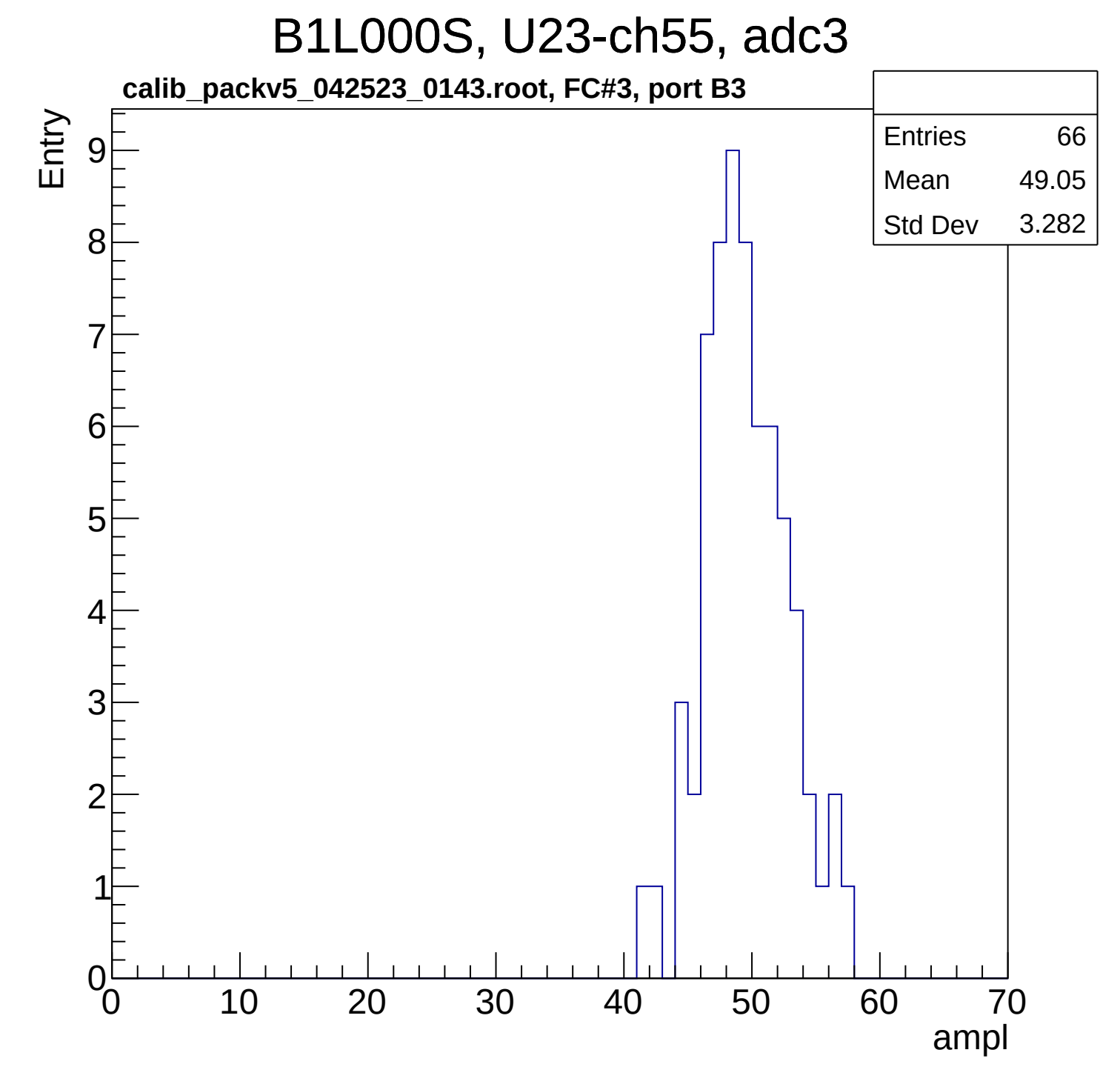
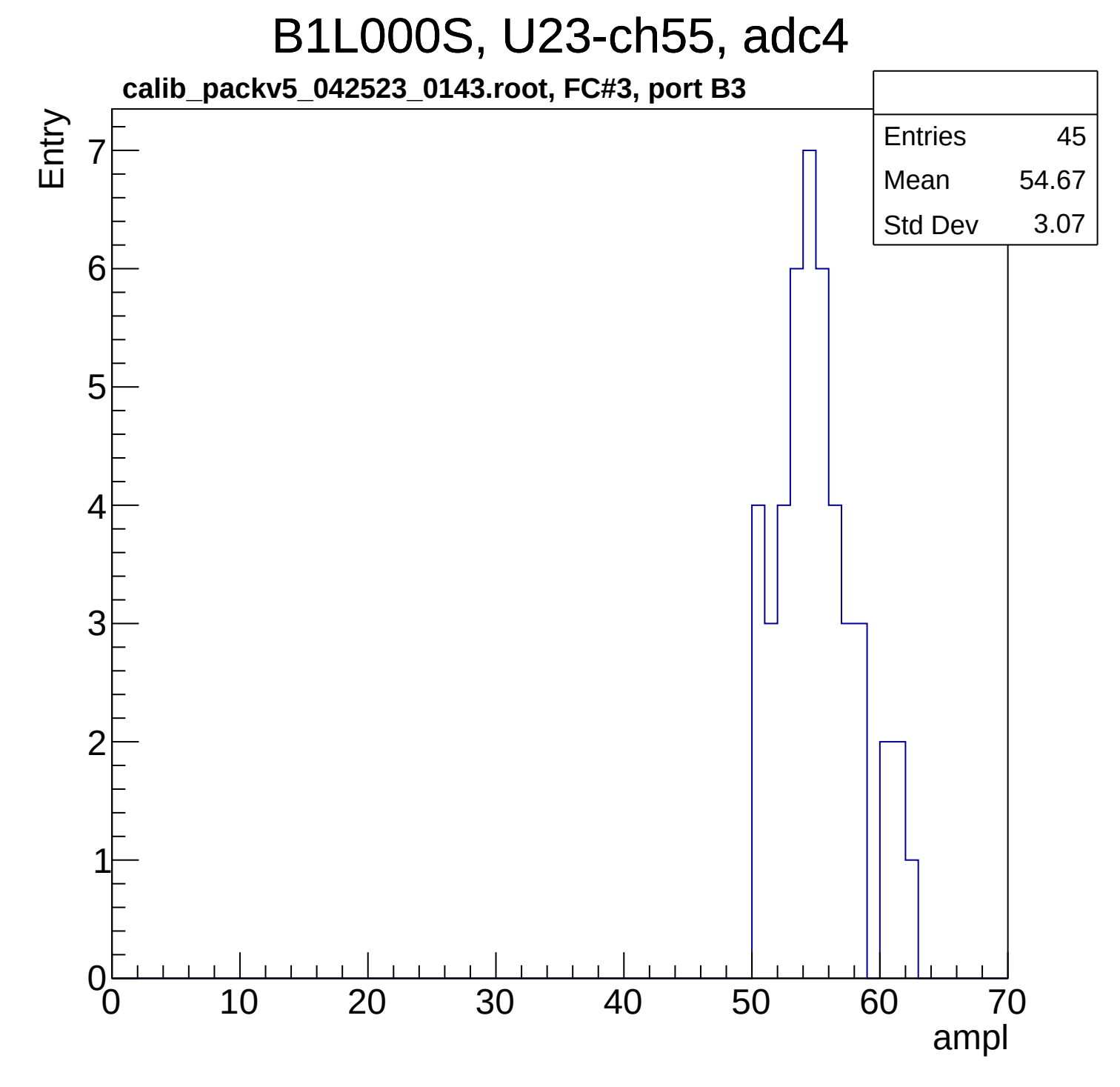
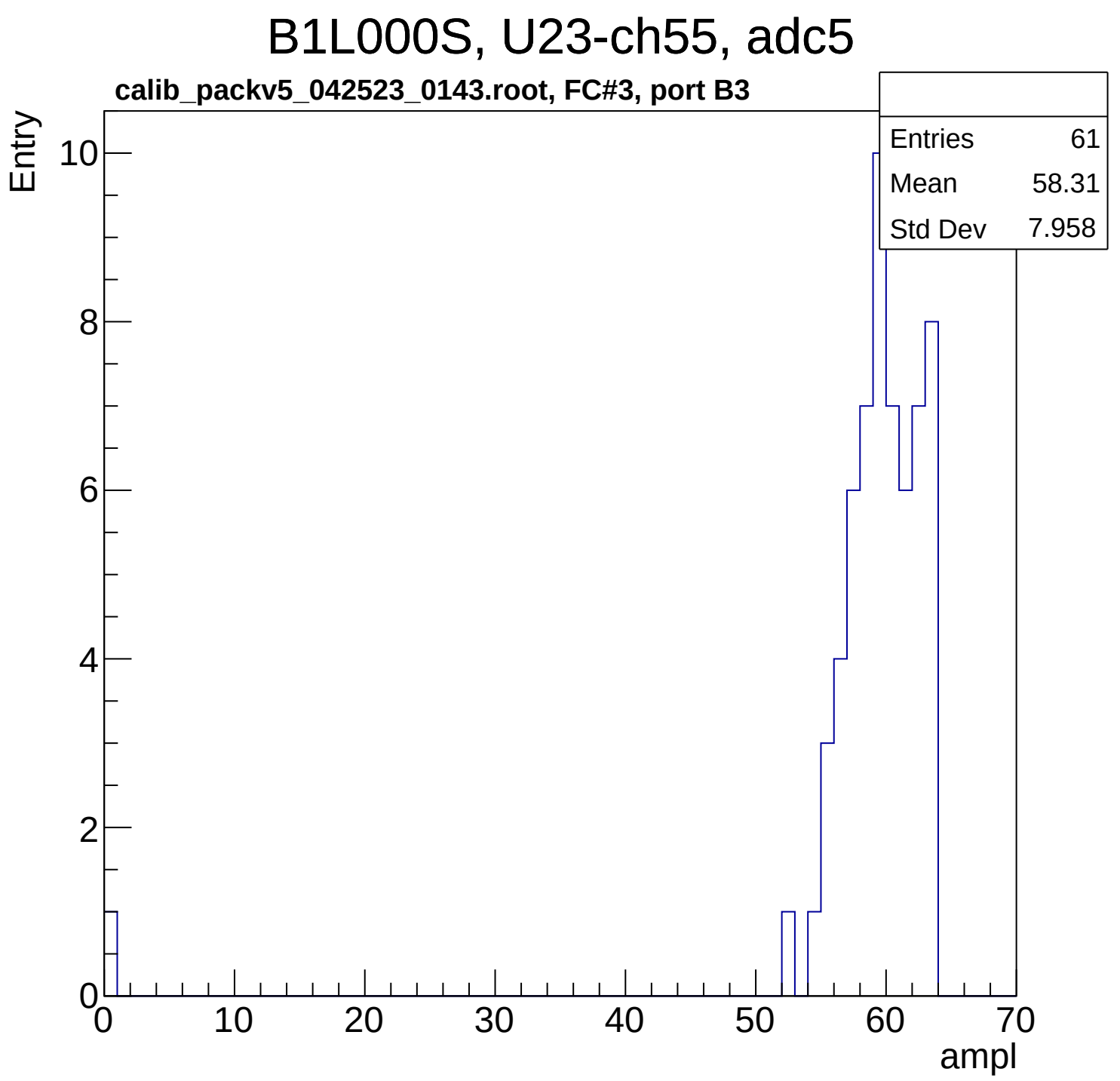
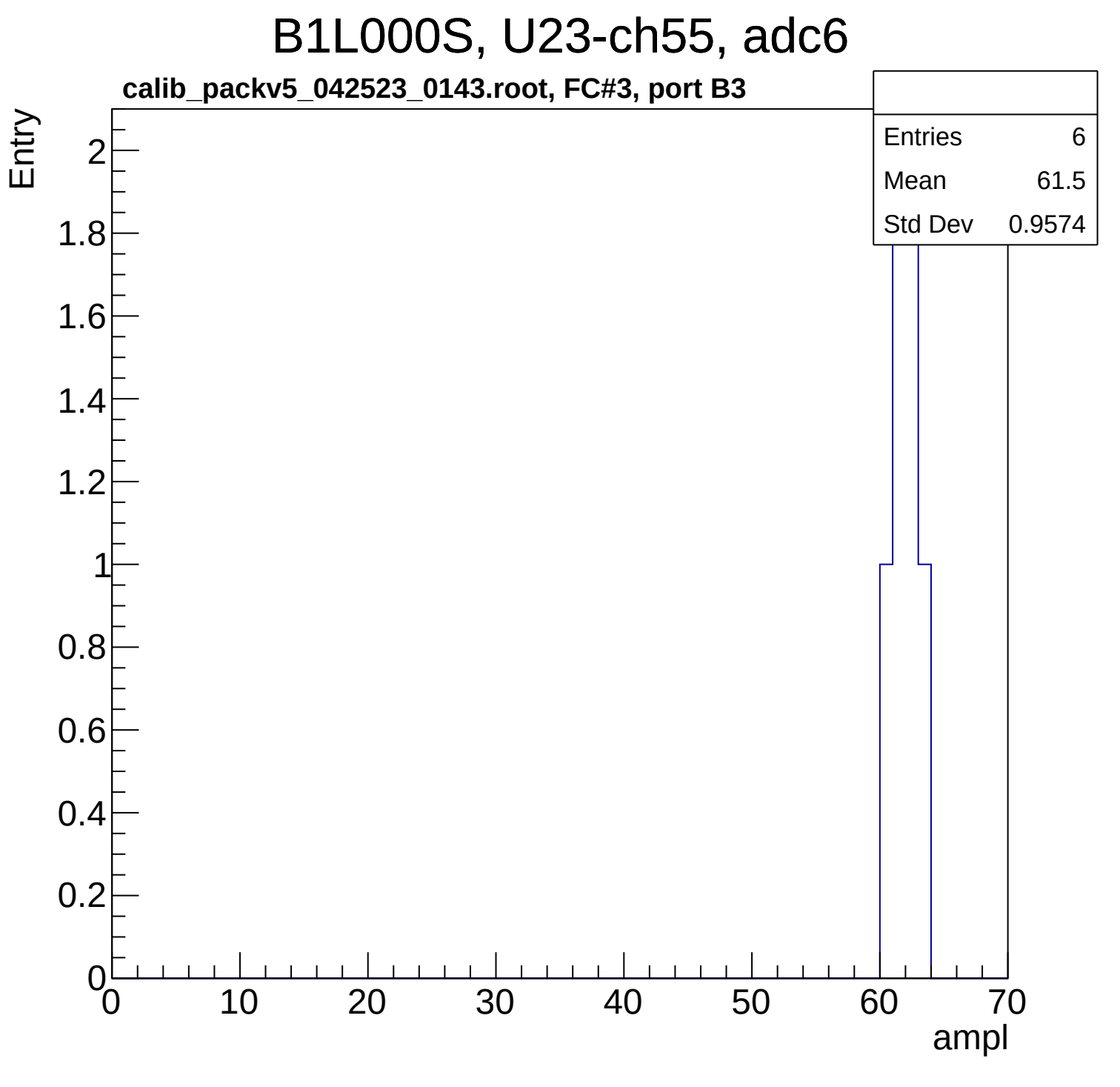
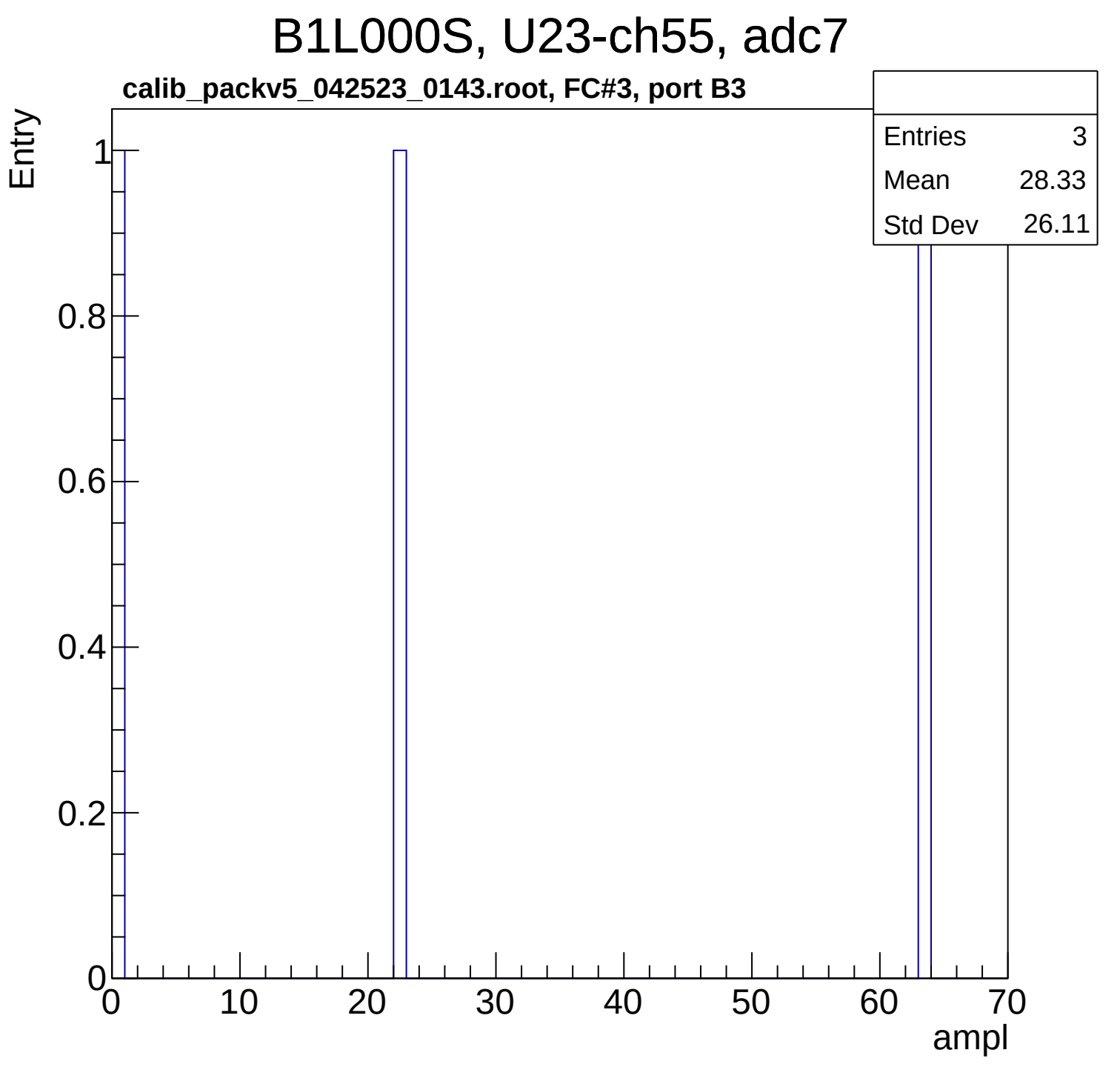

B1L000S, U23-ch55, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 42.25
Std Dev 3.275
Gaus mean : 42.5657
Gaus Width: 3.2152
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

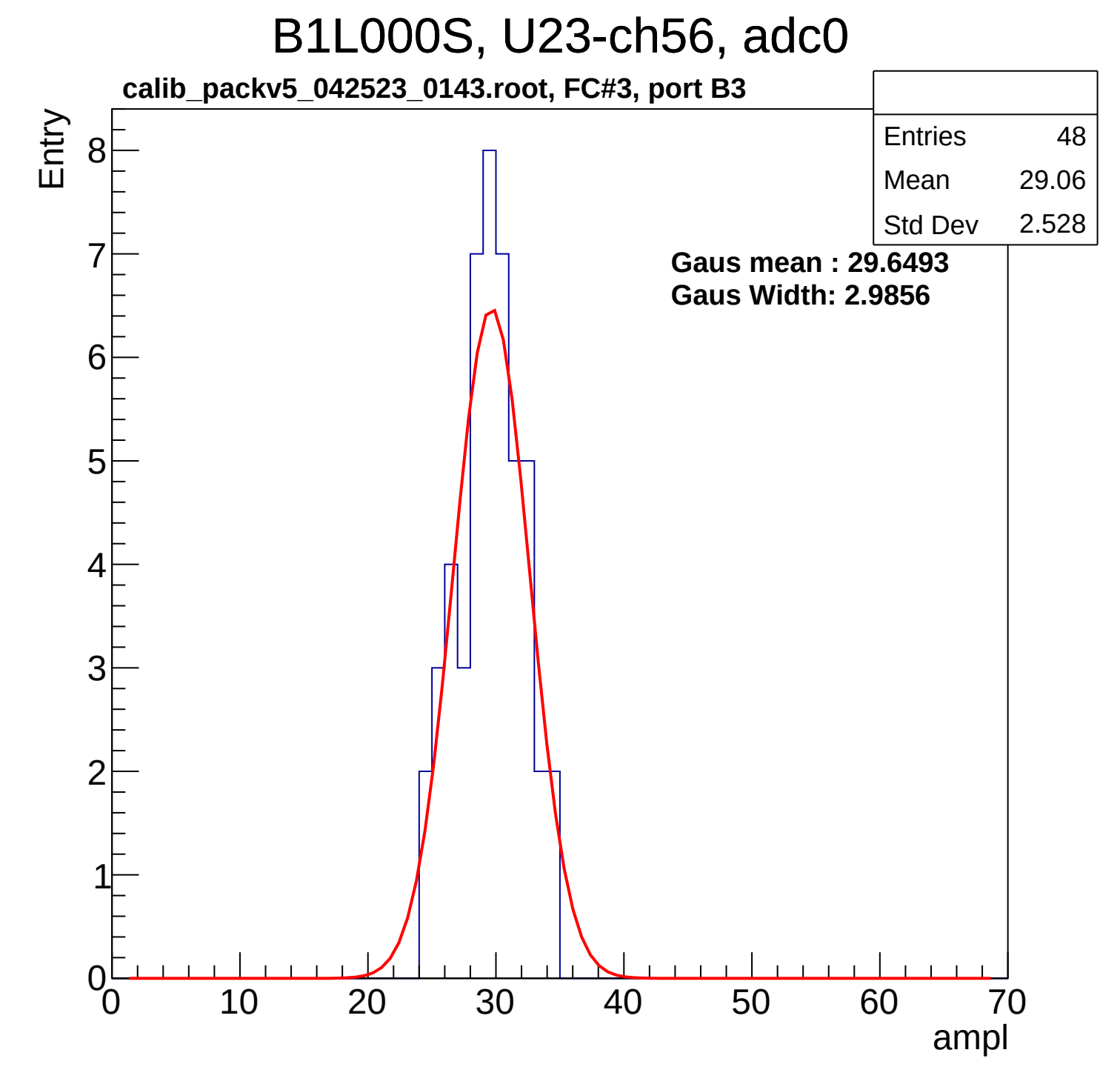

B1L000S, U23-ch55, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 49.05
Std Dev 3.282
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

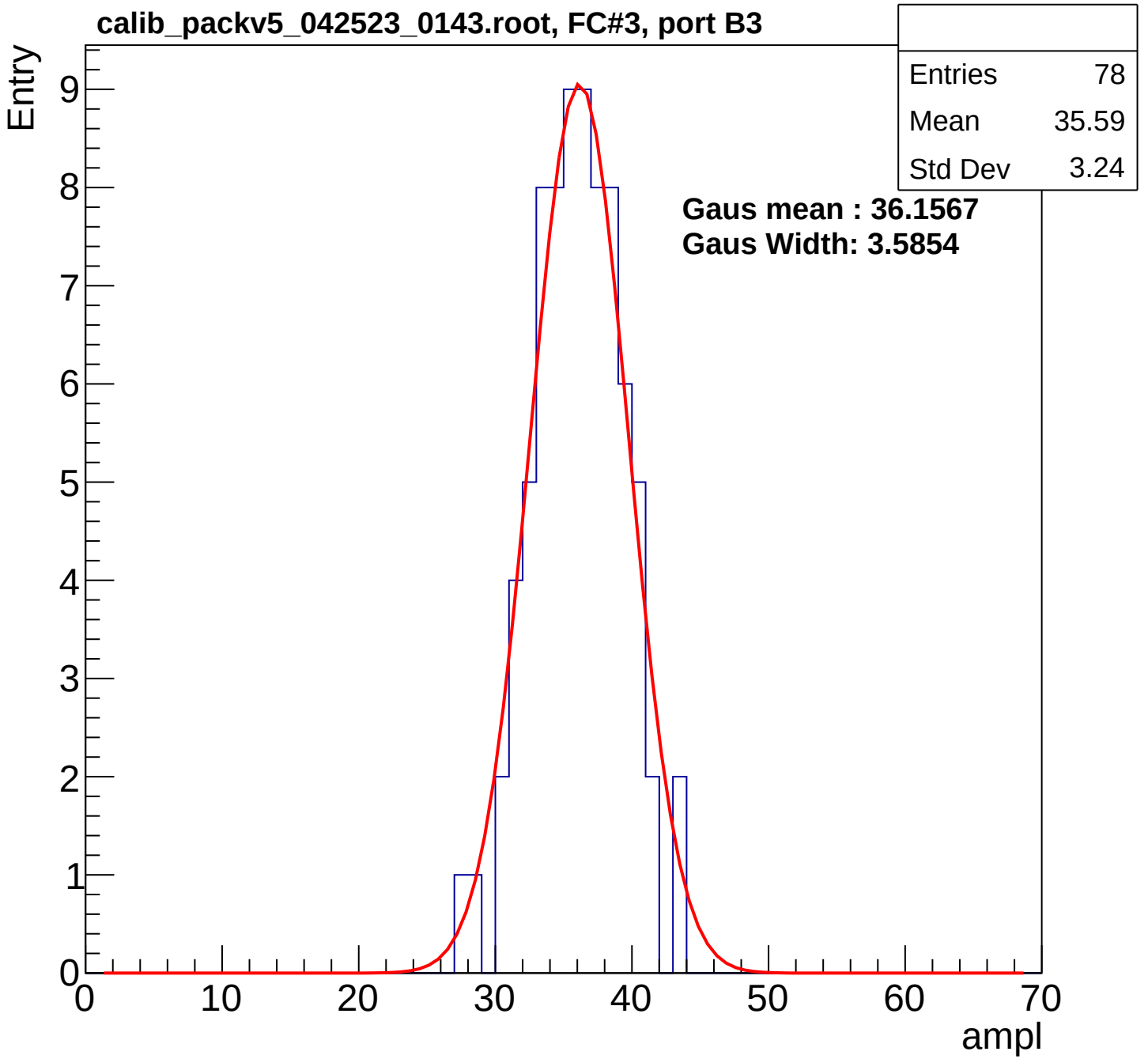

B1L000S, U23-ch55, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 54.67
Std Dev 3.07
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

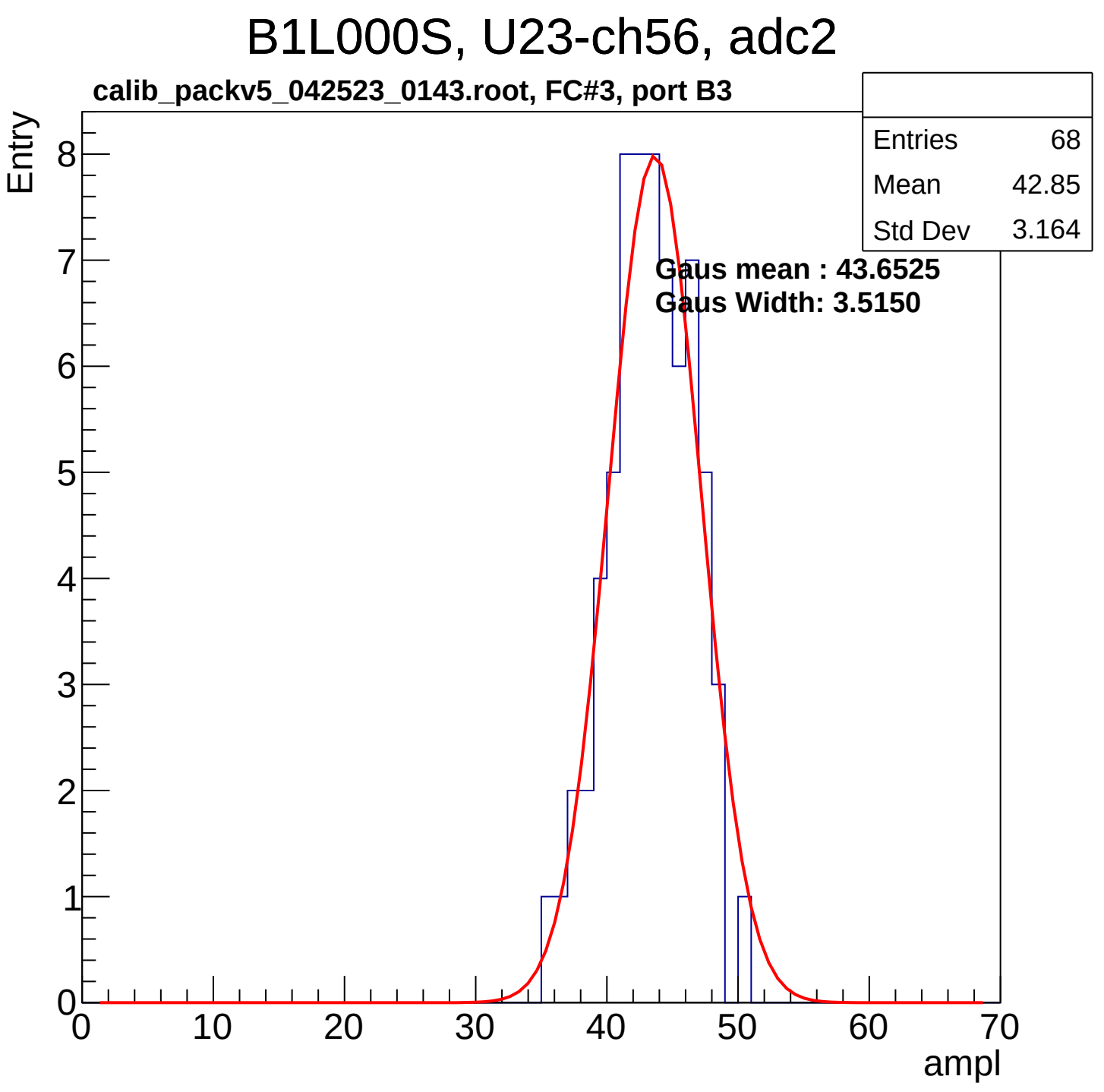

B1L000S, U23-ch55, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.31
Std Dev 7.958
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

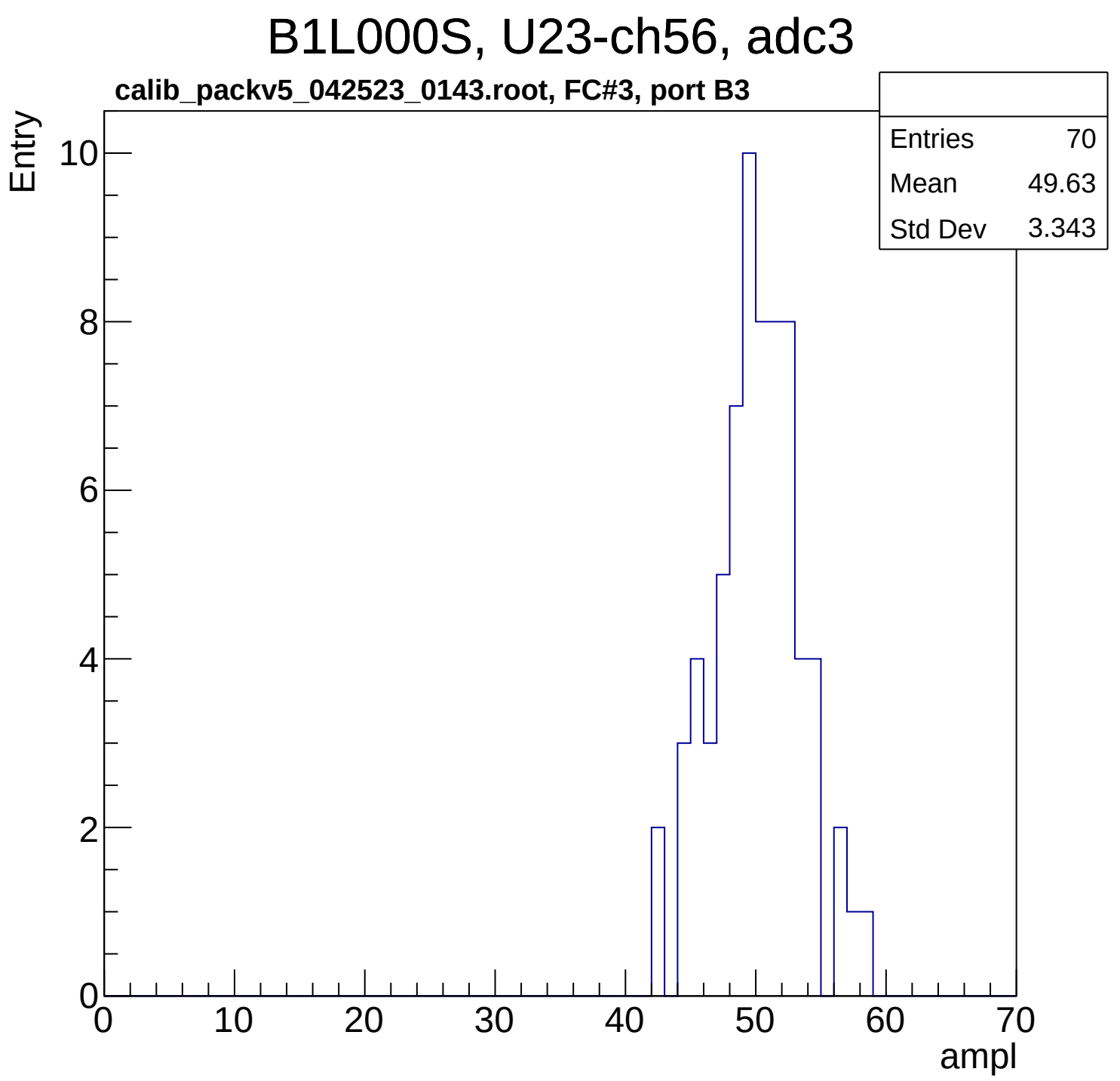

B1L000S, U23-ch55, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.5
Std Dev 0.9574
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

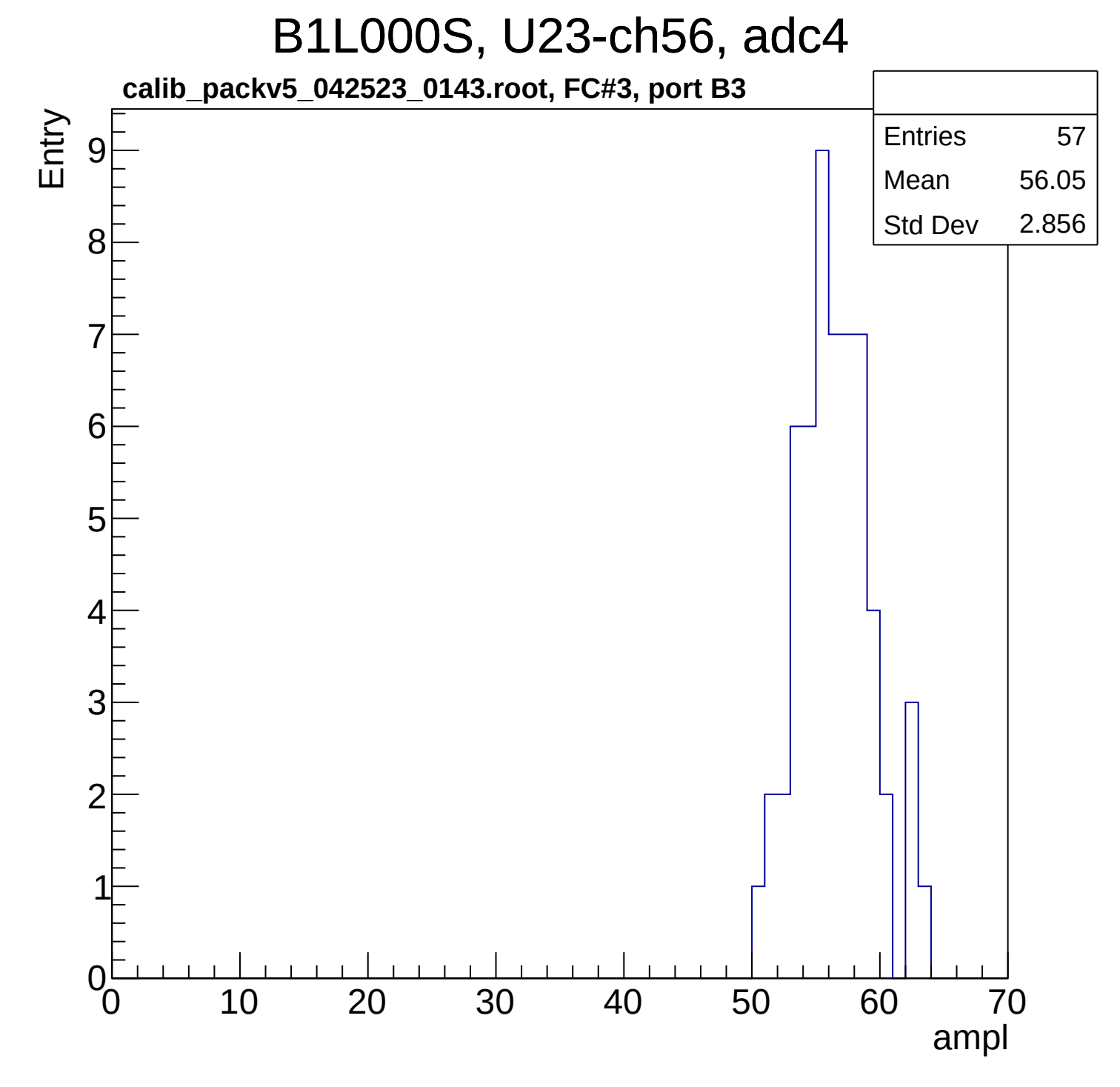

B1L000S, U23-ch55, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.33
Std Dev 26.11
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

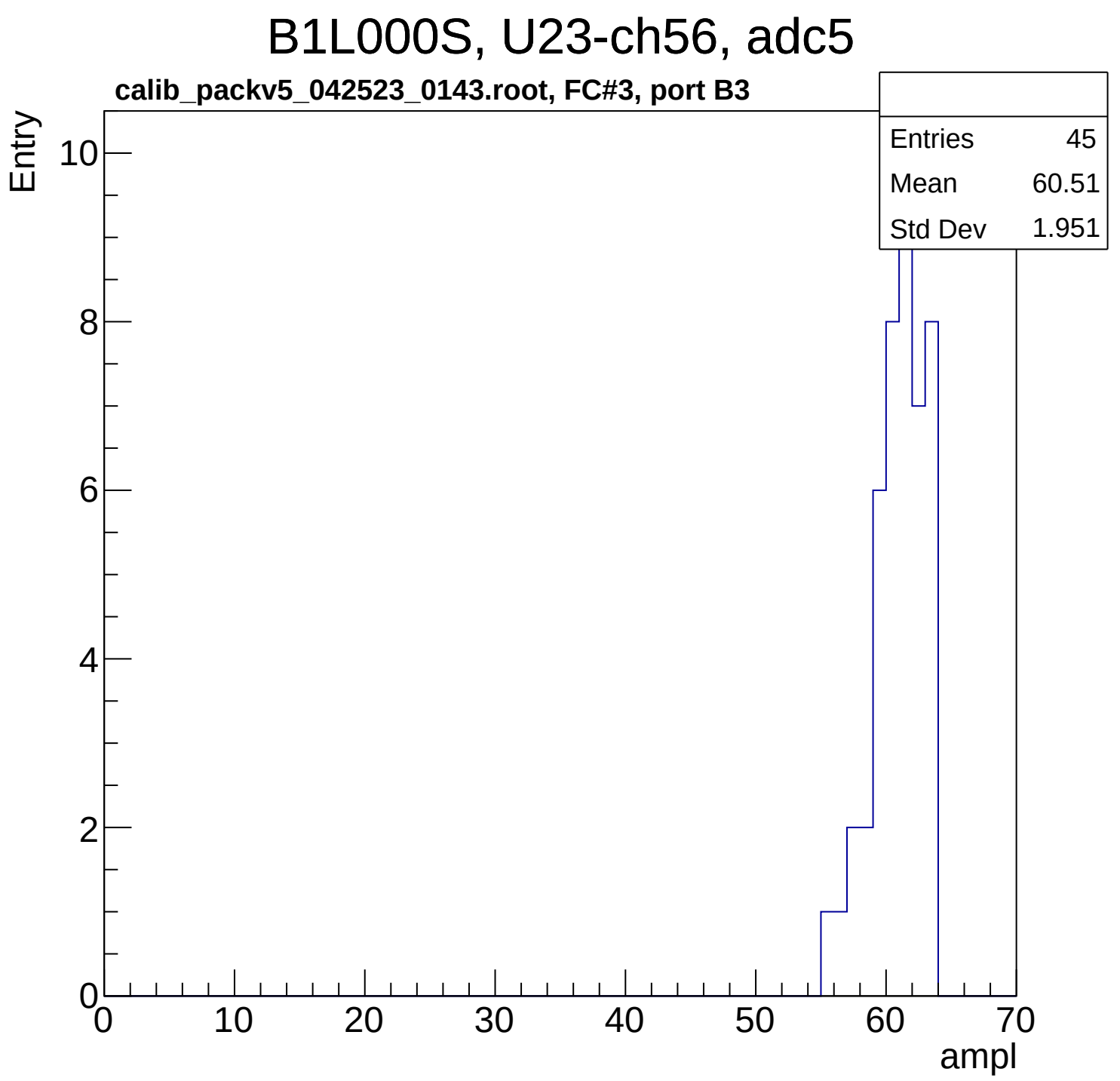

B1L000S, U23-ch56, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 29.06
Std Dev 2.528
Gaus mean : 29.6493
Gaus Width: 2.9856
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

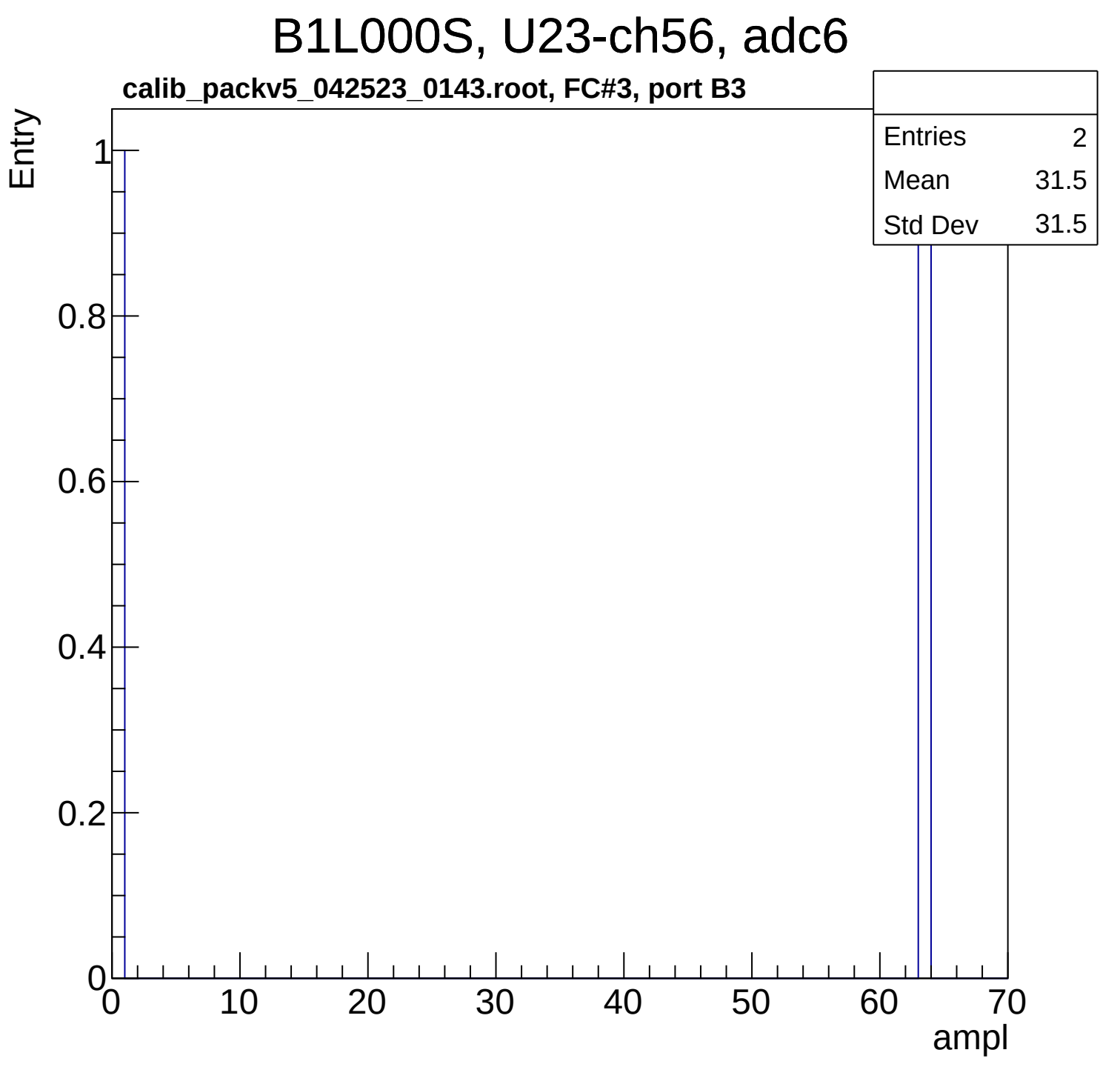

B1L000S, U23-ch56, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 35.59
Std Dev 3.24
Gaus mean : 36.1567
Gaus Width: 3.5854
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

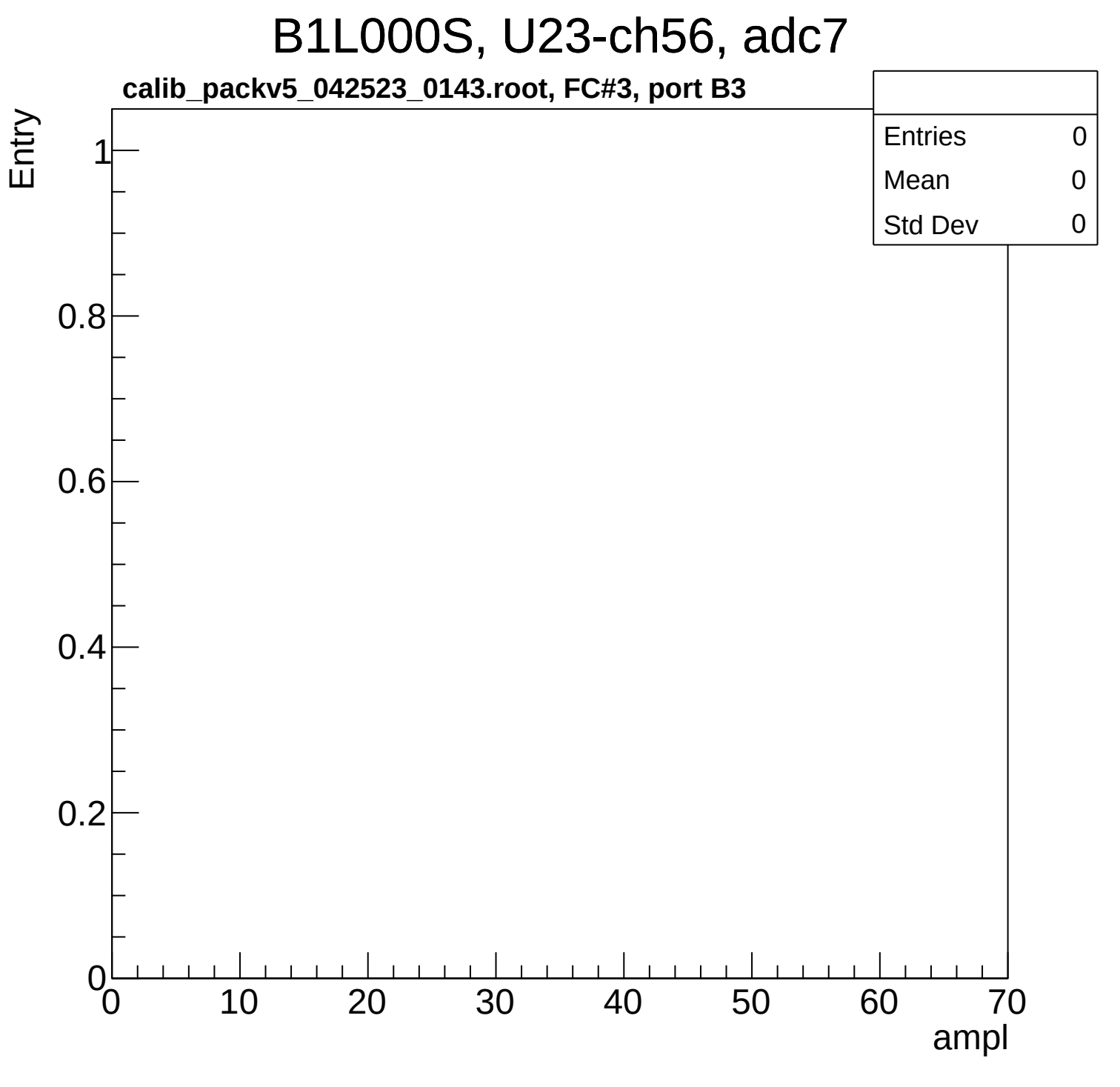

B1L000S, U23-ch56, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 42.85
Std Dev 3.164
Gaus mean : 43.6525
Gaus Width: 3.5150
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

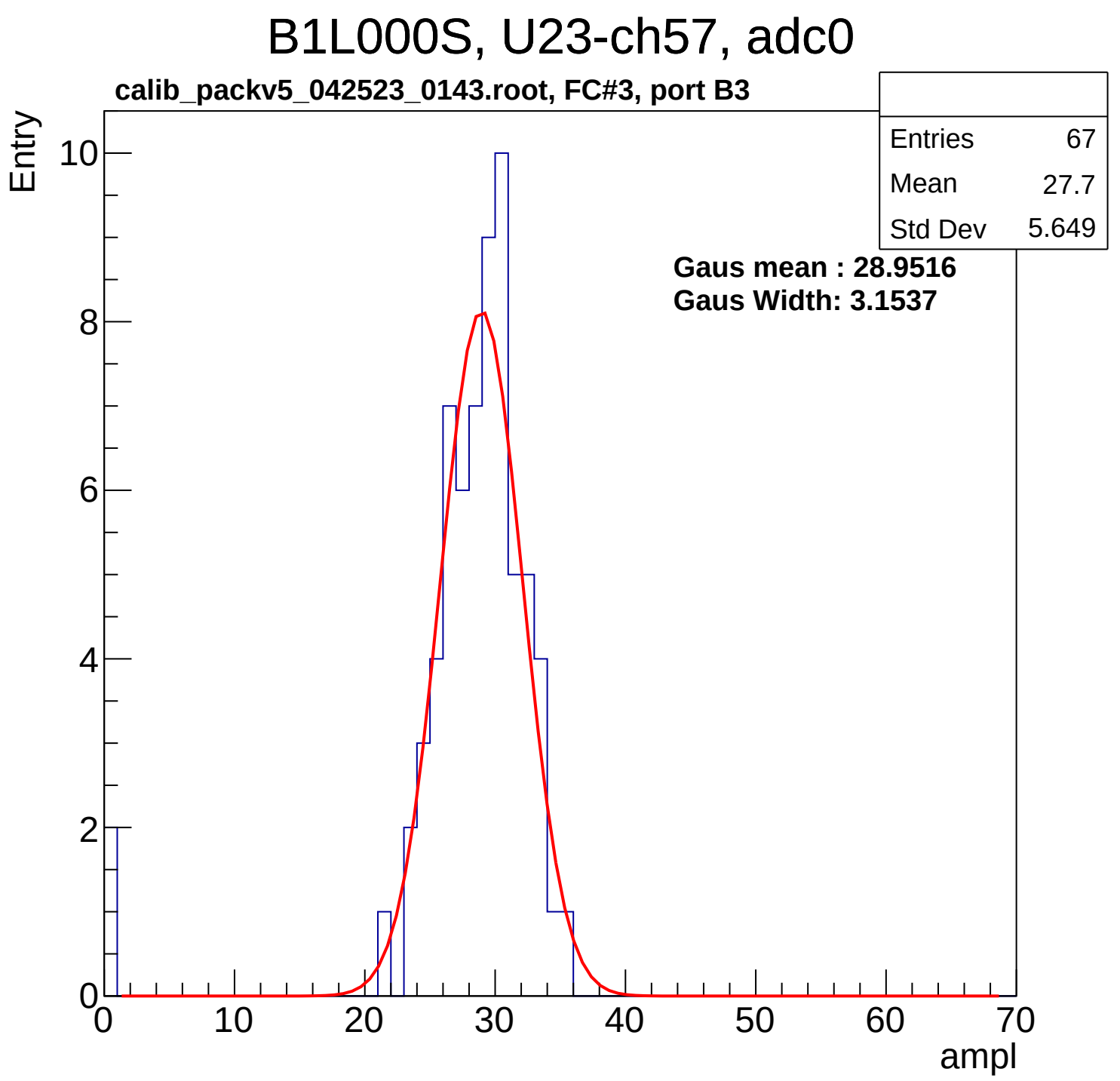

B1L000S, U23-ch56, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 49.63
Std Dev 3.343
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

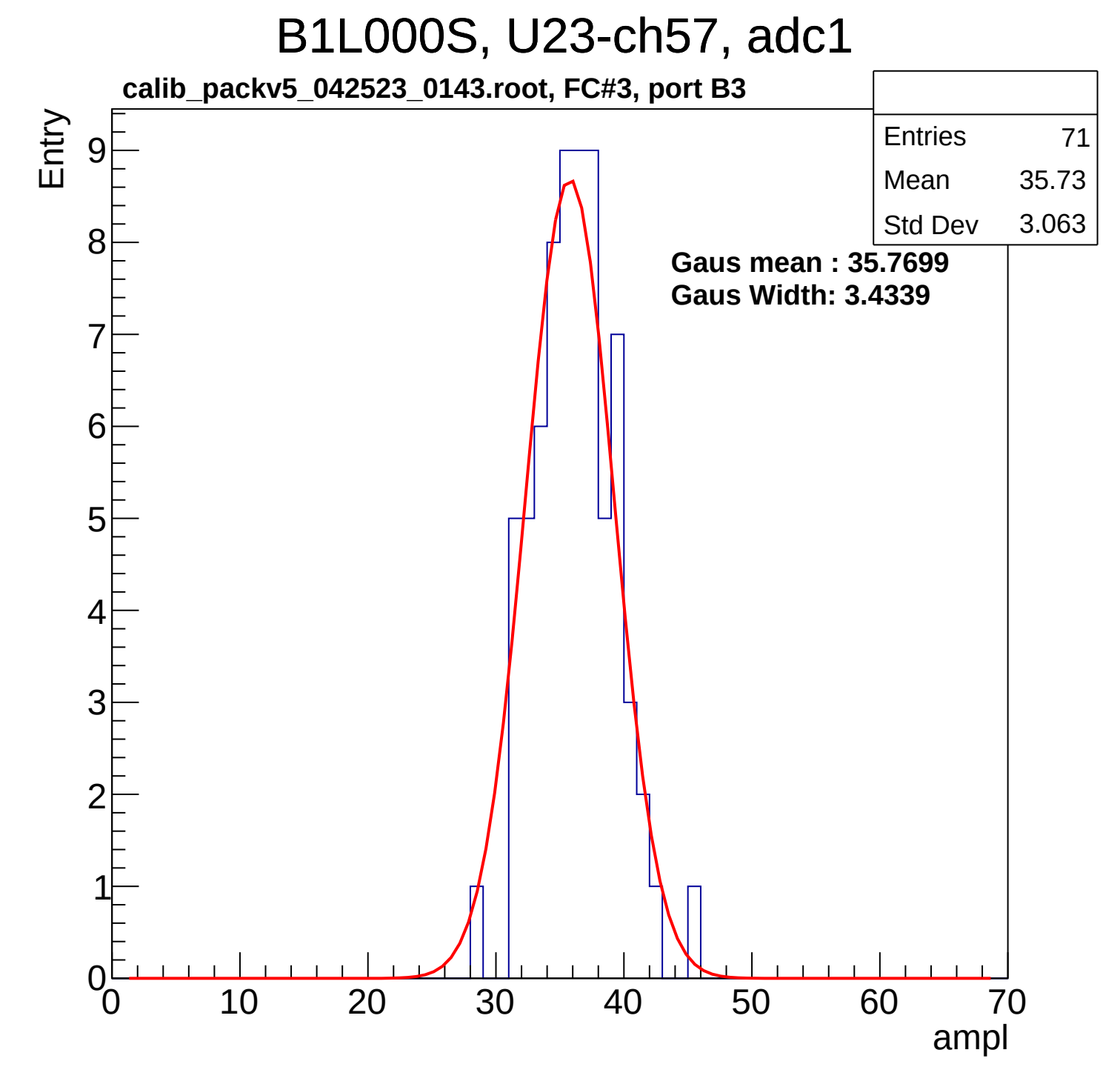

B1L000S, U23-ch56, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 56.05
Std Dev 2.856
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

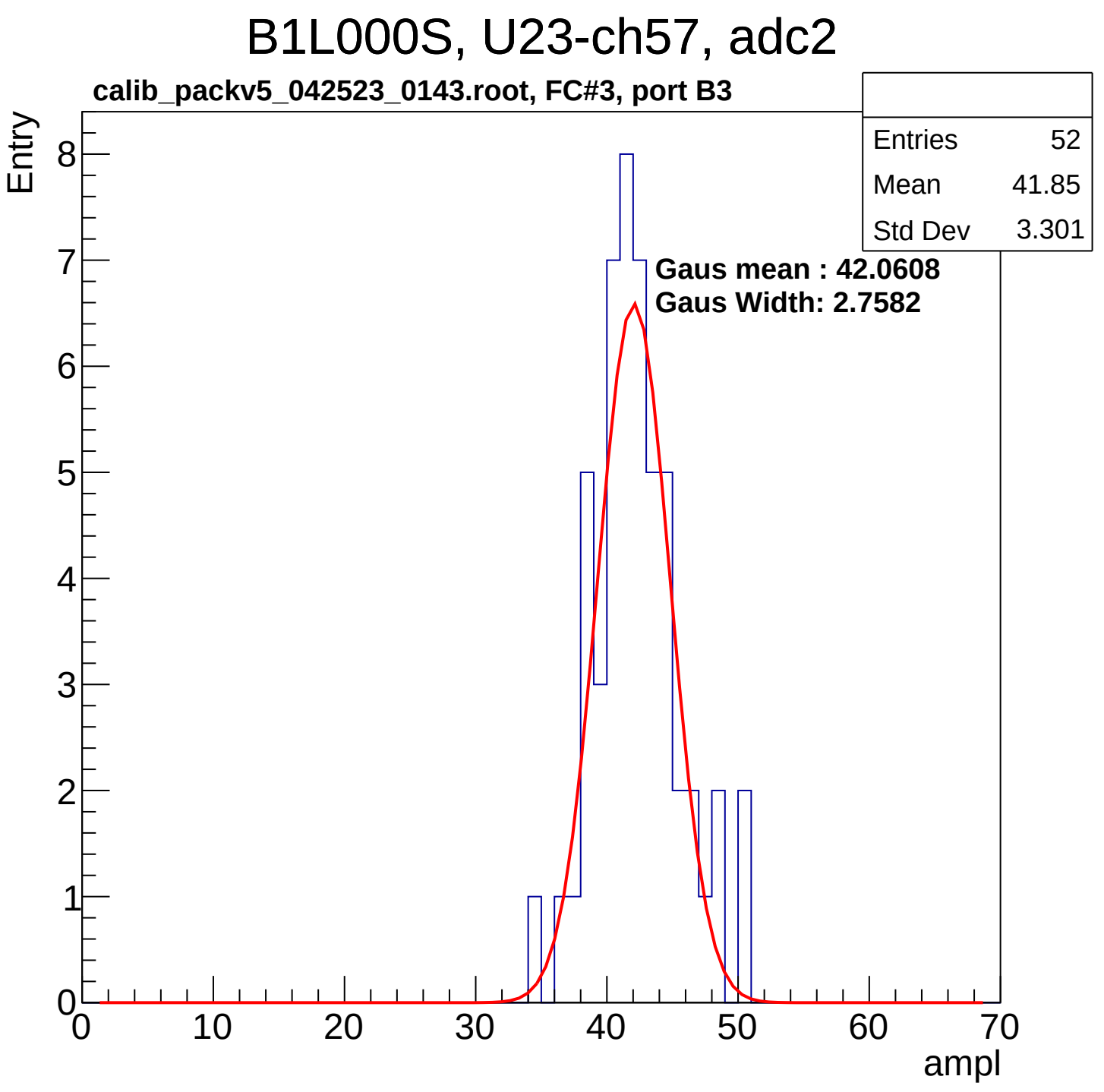

B1L000S, U23-ch56, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 60.51
Std Dev 1.951
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch56, adc6
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, U23-ch56, 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, U23-ch57, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 27.7
Std Dev 5.649
Gaus mean : 28.9516
Gaus Width: 3.1537
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch57, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.73
Std Dev 3.063
Gaus mean : 35.7699
Gaus Width: 3.4339
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch57, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 41.85
Std Dev 3.301
Gaus mean : 42.0608
Gaus Width: 2.7582
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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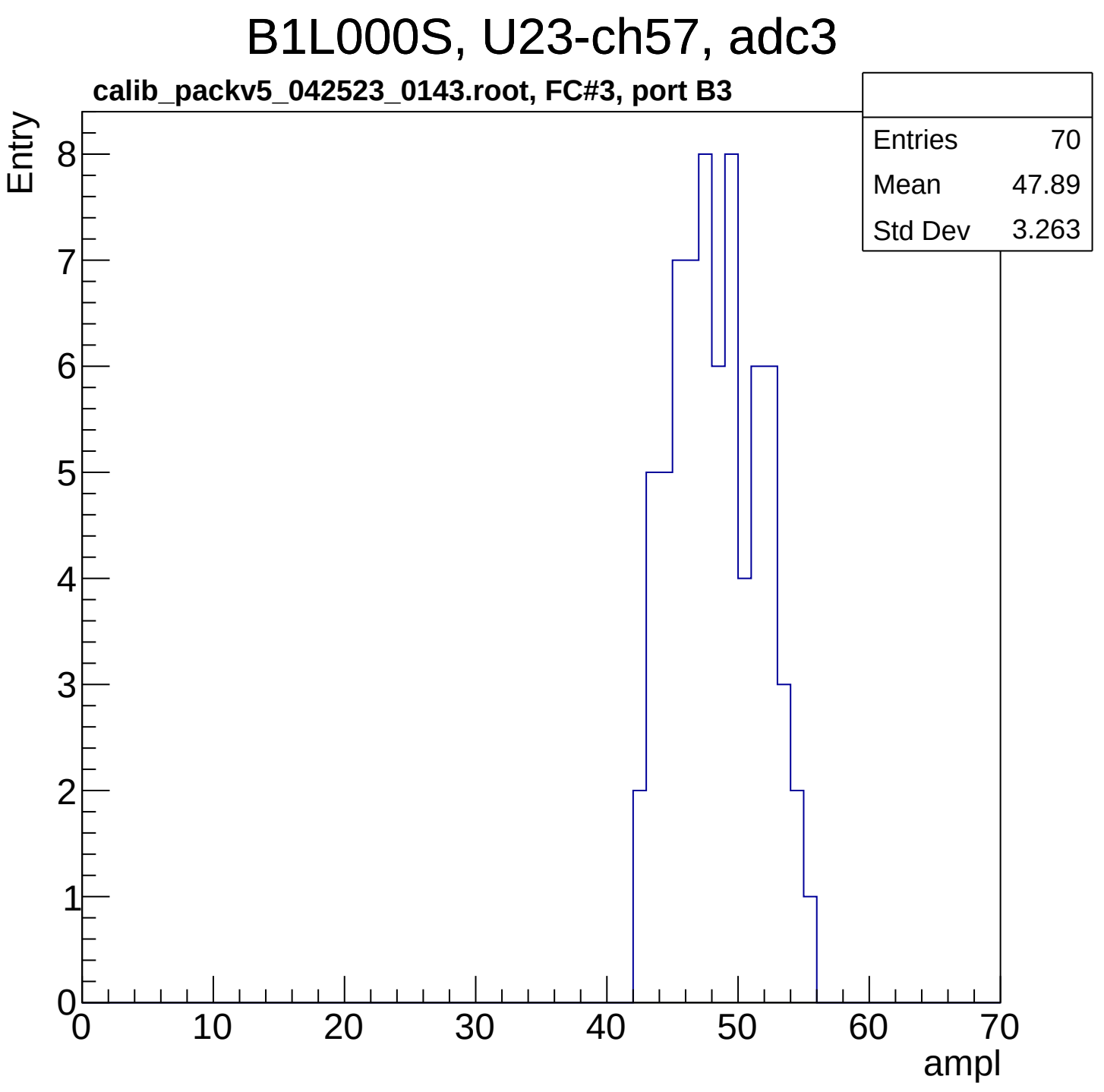
B1L000S, U23-ch57, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.89
Std Dev 3.263
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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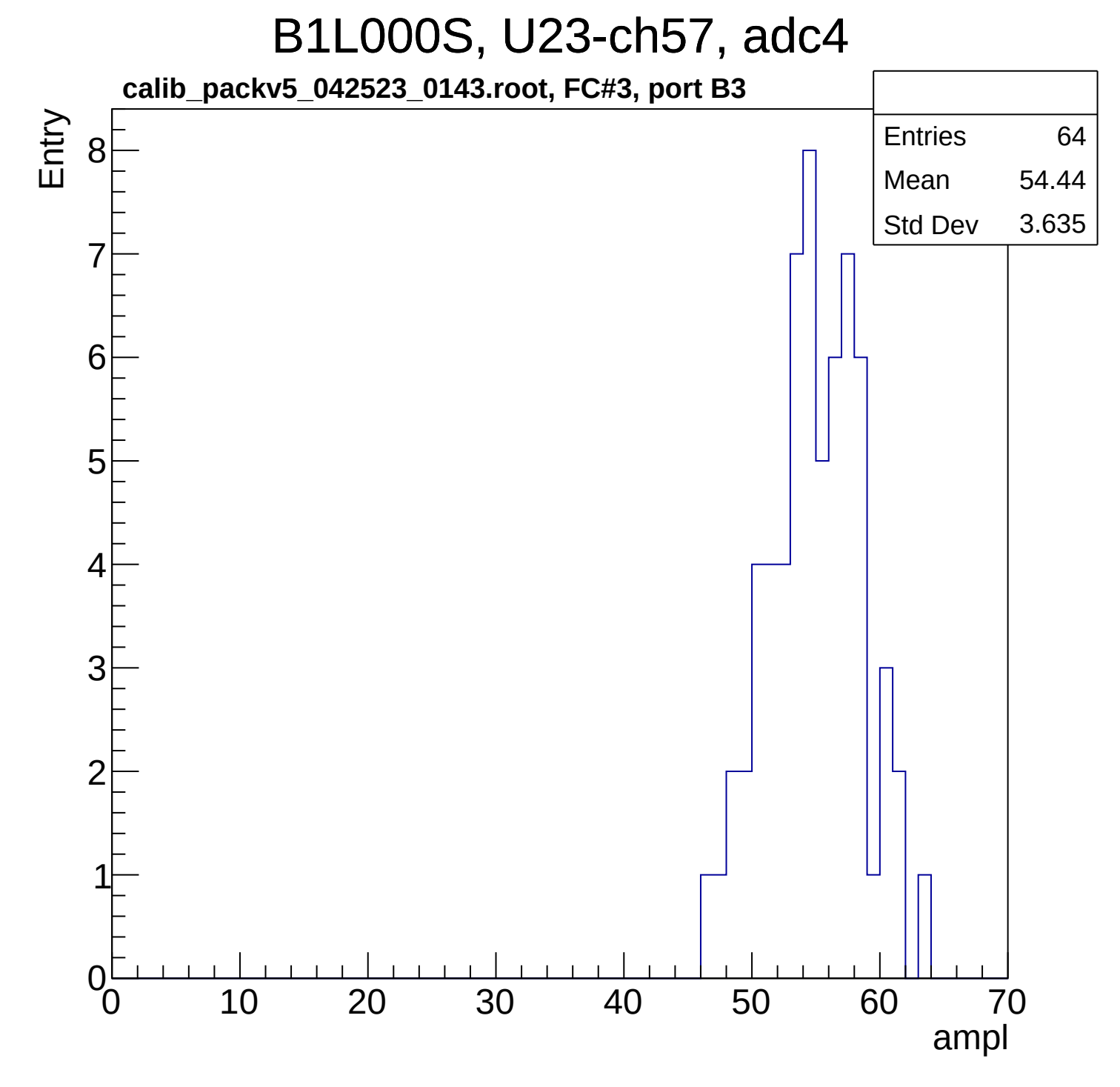
B1L000S, U23-ch57, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.44
Std Dev 3.635
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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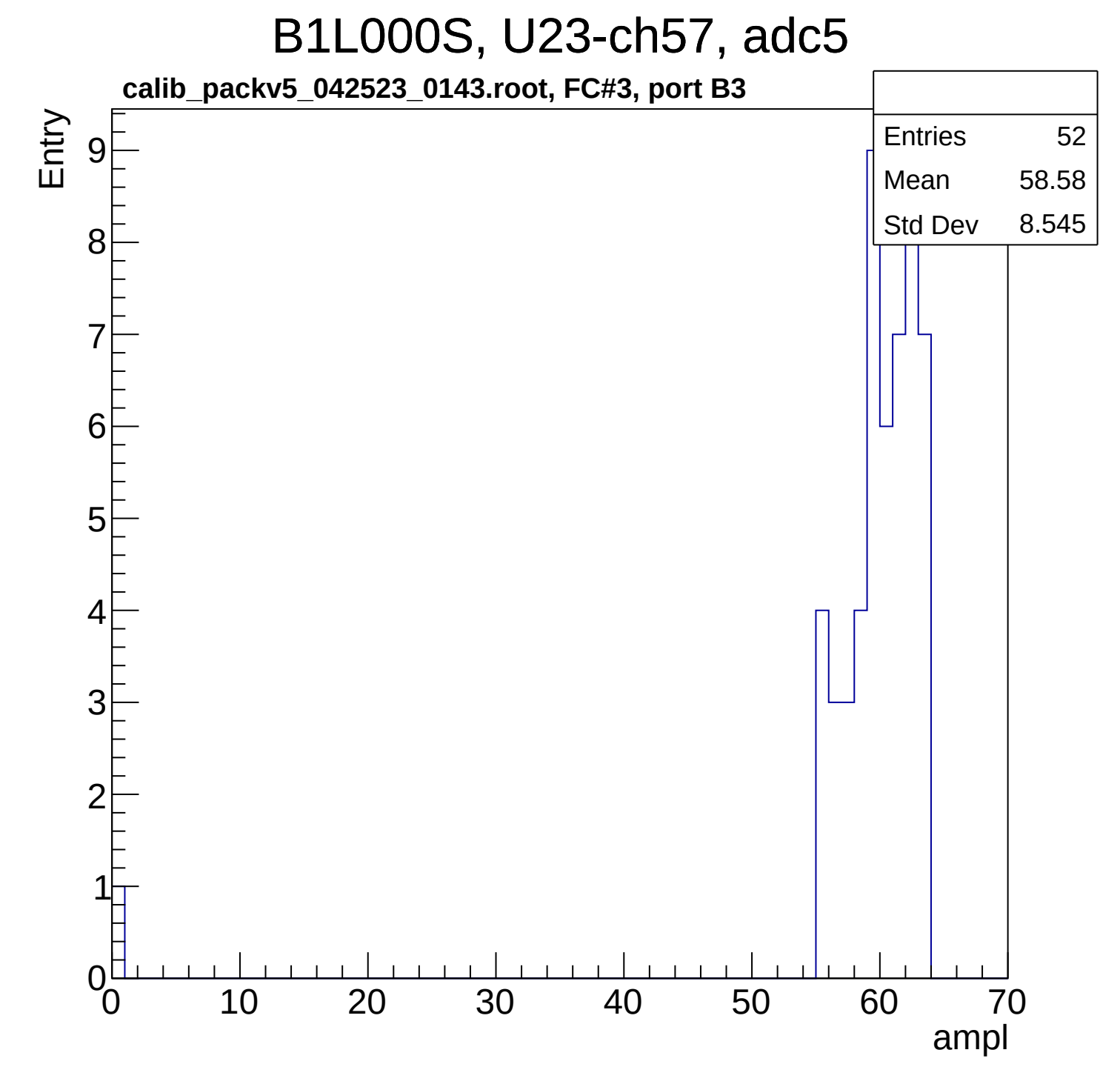
B1L000S, U23-ch57, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.58
Std Dev 8.545
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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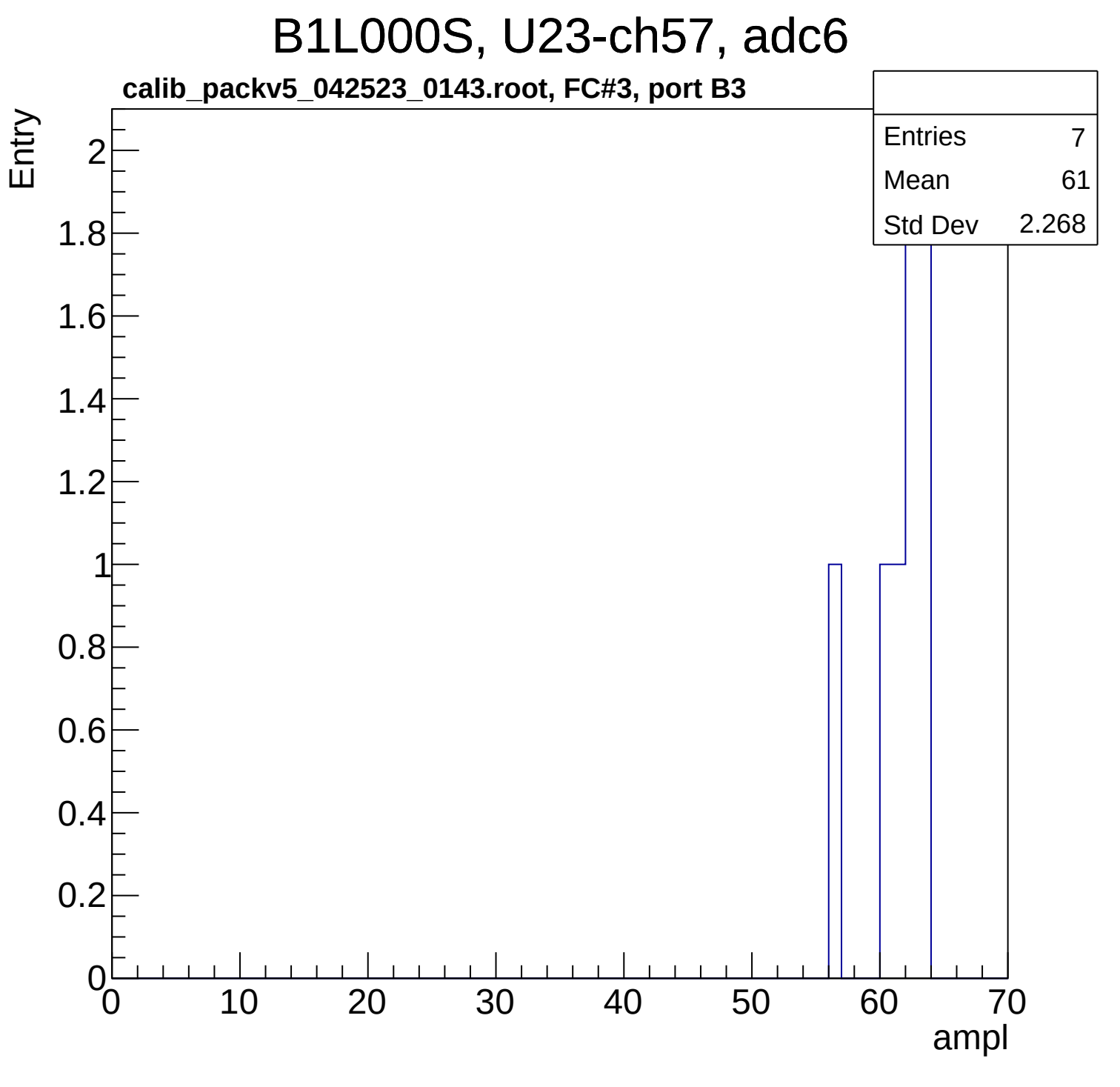
B1L000S, U23-ch57, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 61
Std Dev 2.268
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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30
40
50
60
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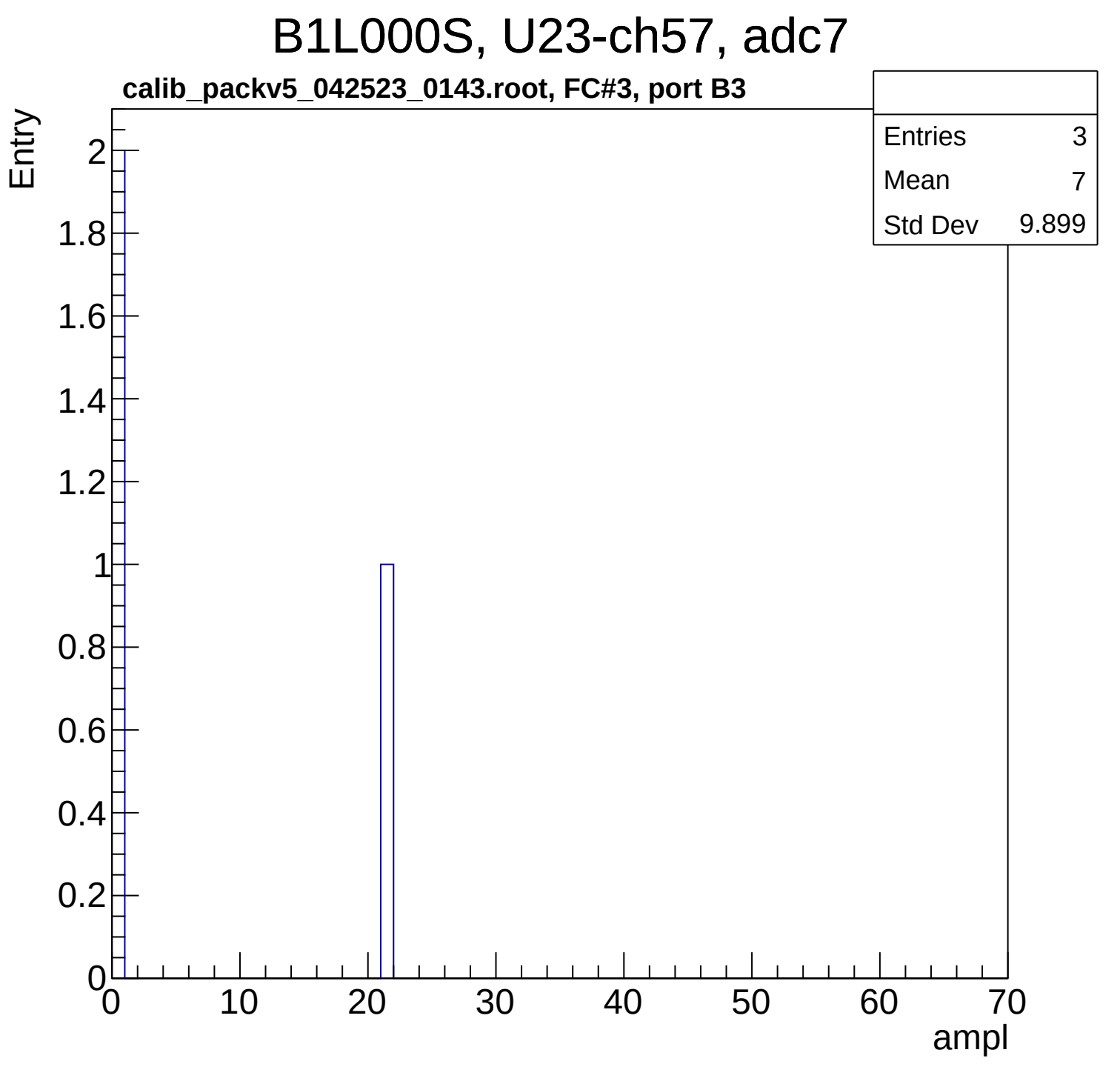
B1L000S, U23-ch57, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 7
Std Dev 9.899
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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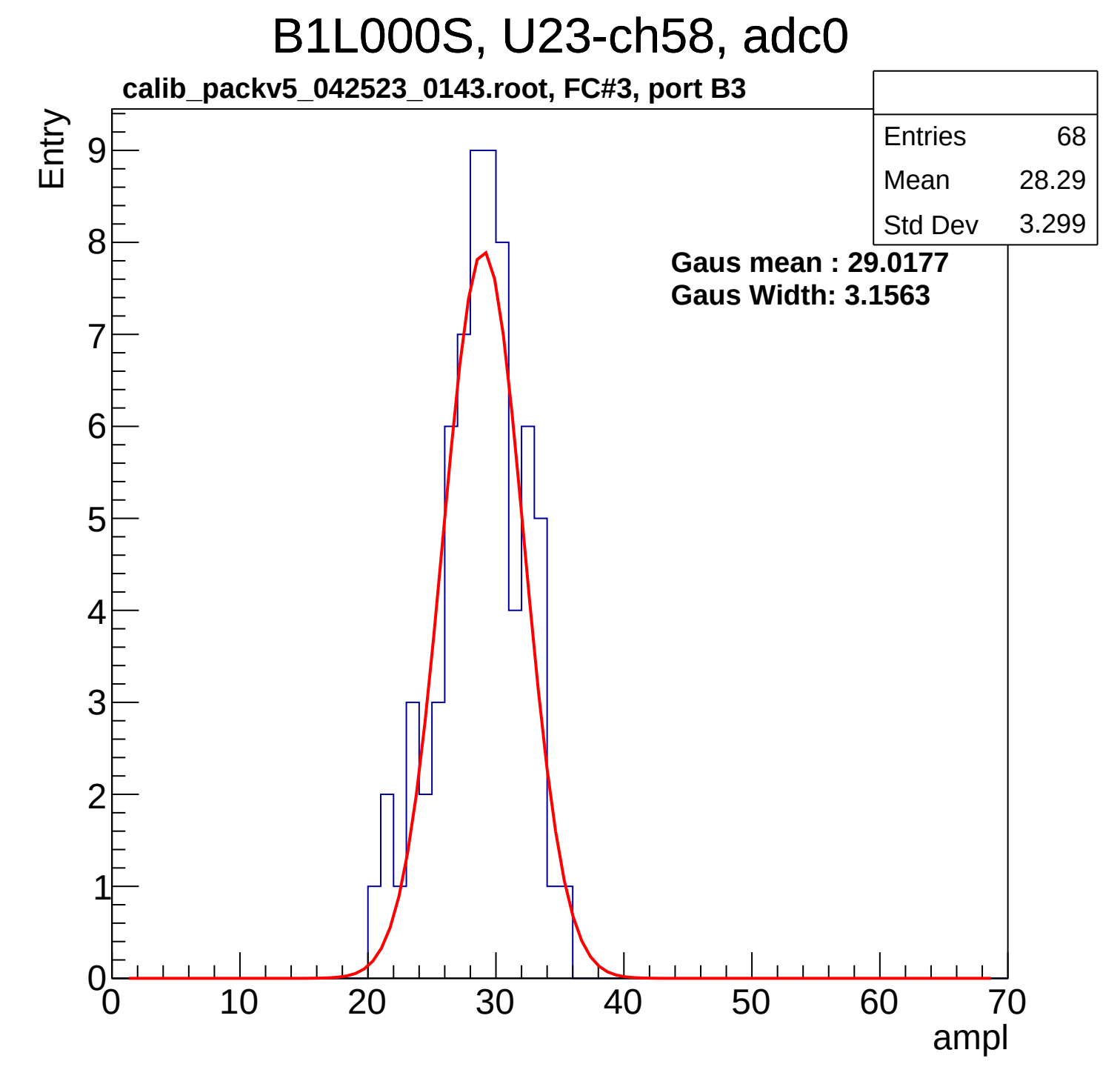
B1L000S, U23-ch58, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.29
Std Dev 3.299
Gaus mean : 29.0177
Gaus Width: 3.1563
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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60
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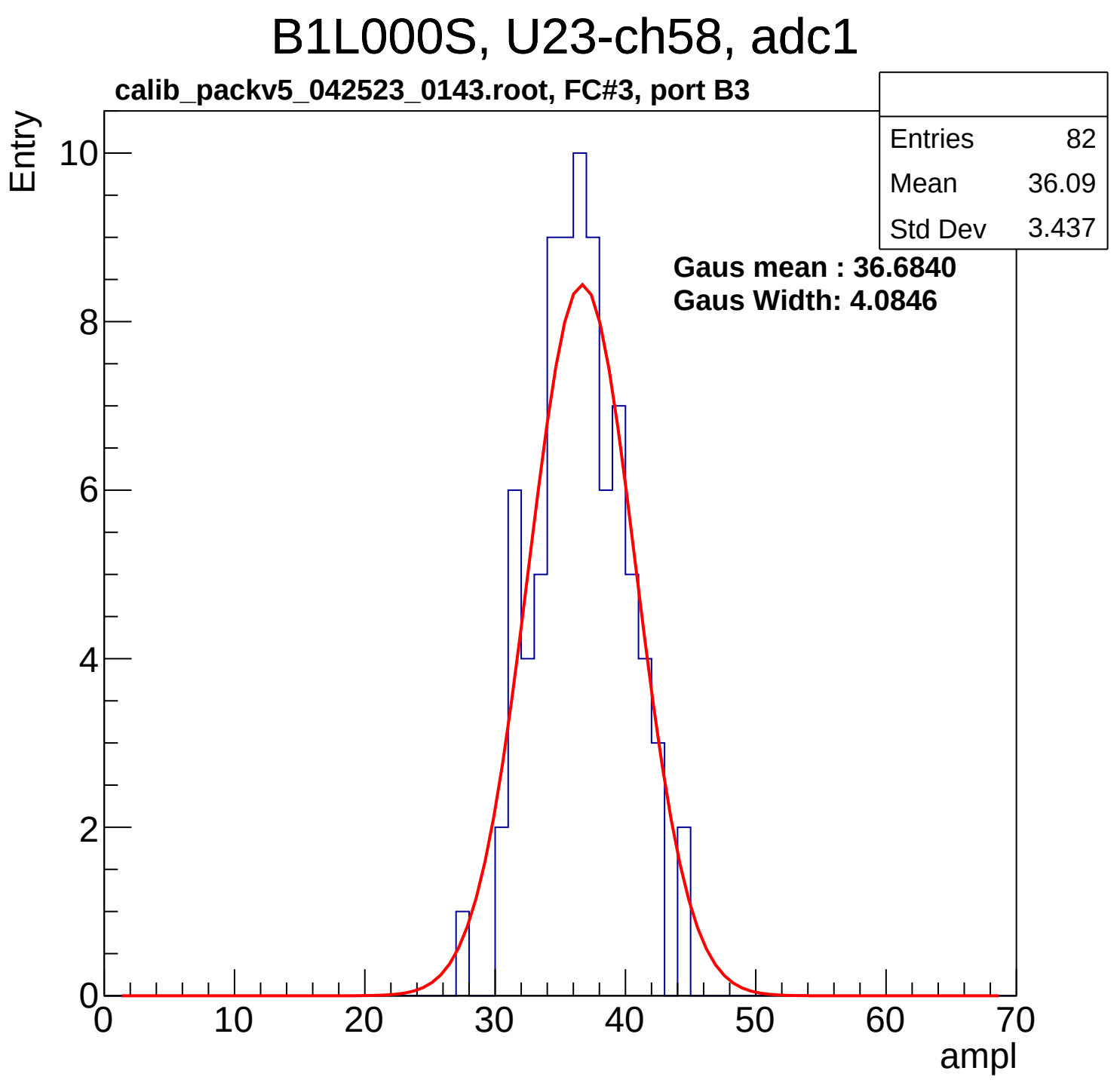
B1L000S, U23-ch58, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 36.09
Std Dev 3.437
Gaus mean : 36.6840
Gaus Width: 4.0846
Entry
ampl
0
2
4
6
8
10
0
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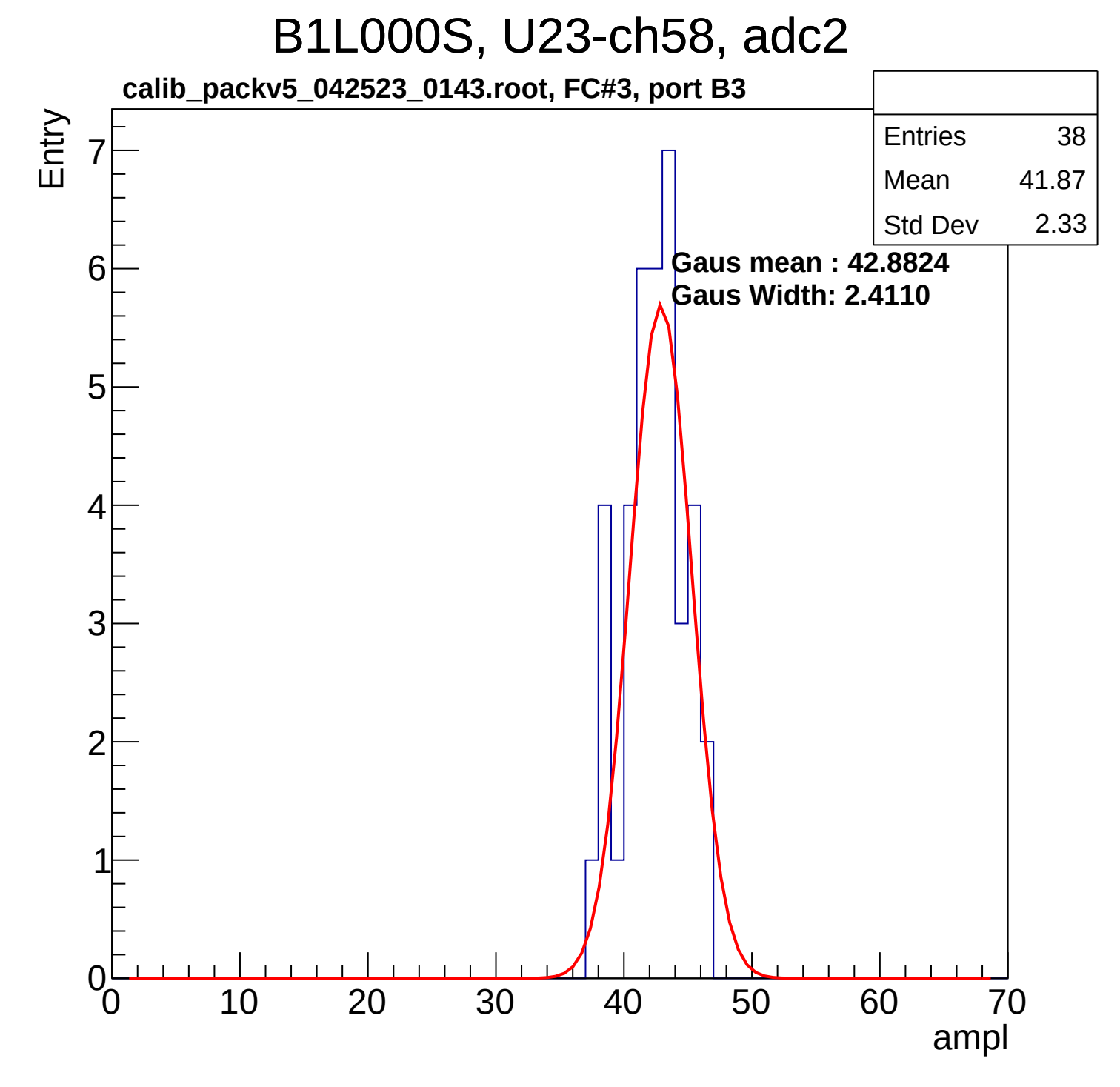
B1L000S, U23-ch58, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 41.87
Std Dev 2.33
Gaus mean : 42.8824
Gaus Width: 2.4110
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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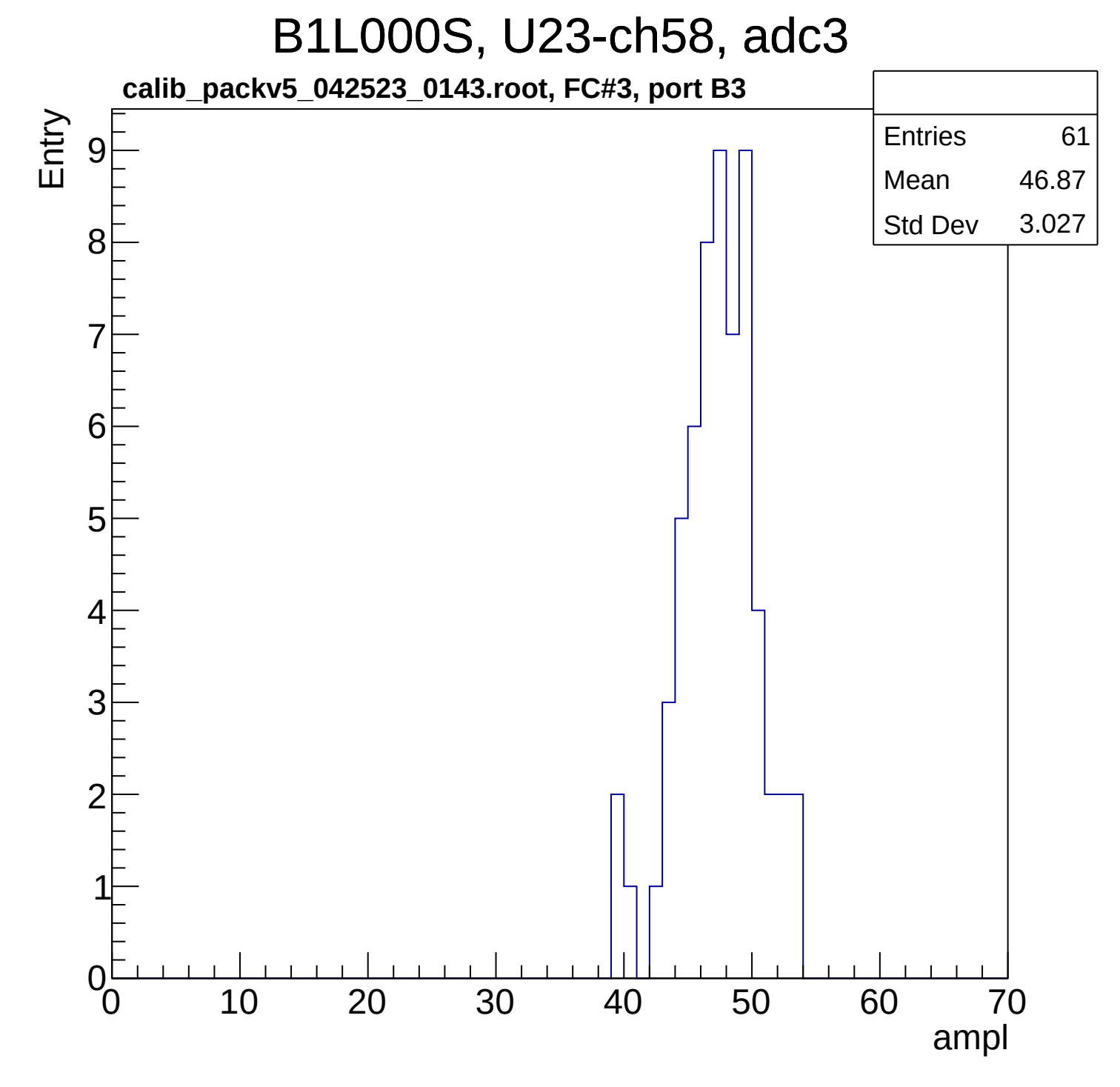
B1L000S, U23-ch58, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 46.87
Std Dev 3.027
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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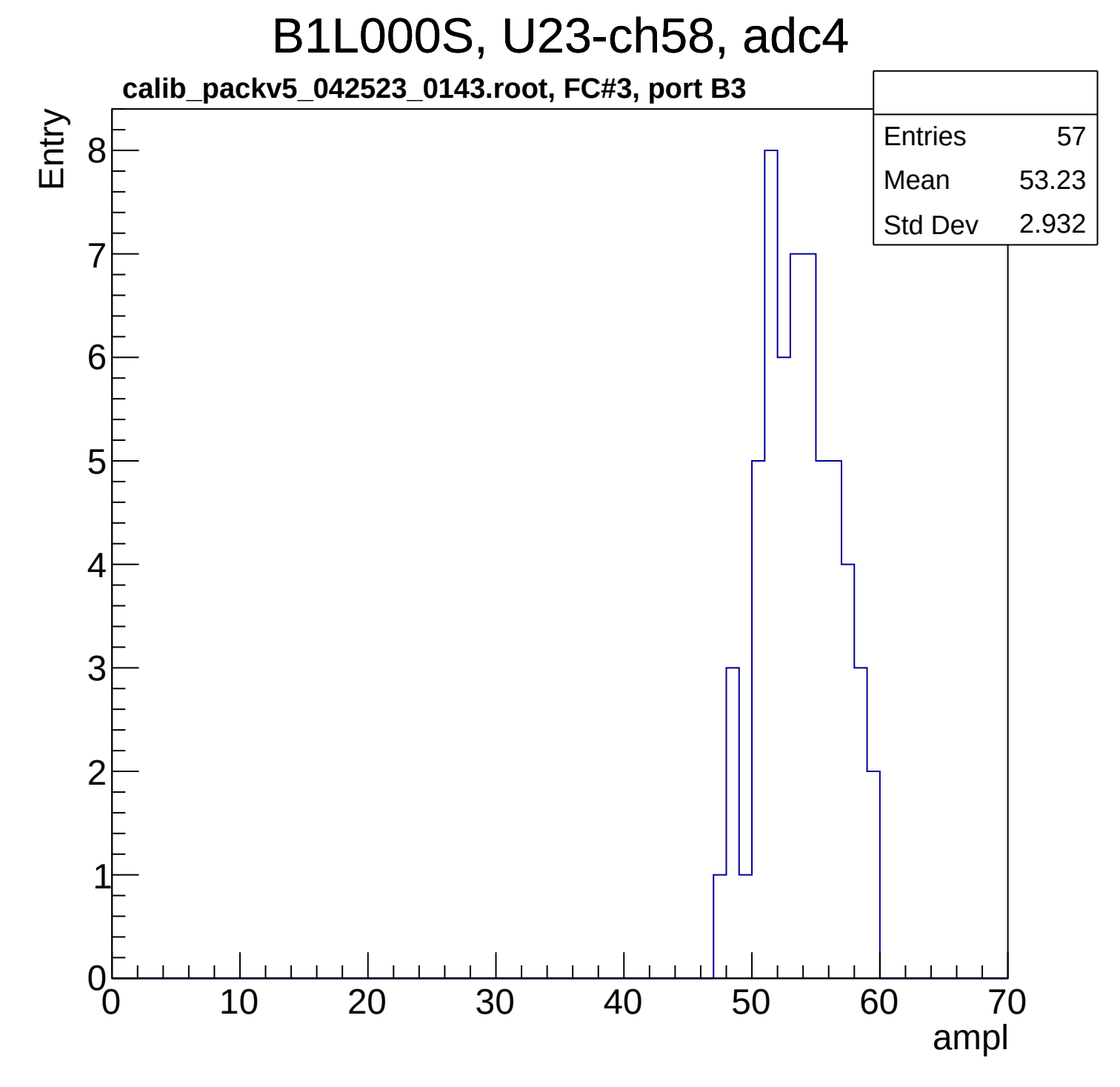
B1L000S, U23-ch58, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.23
Std Dev 2.932
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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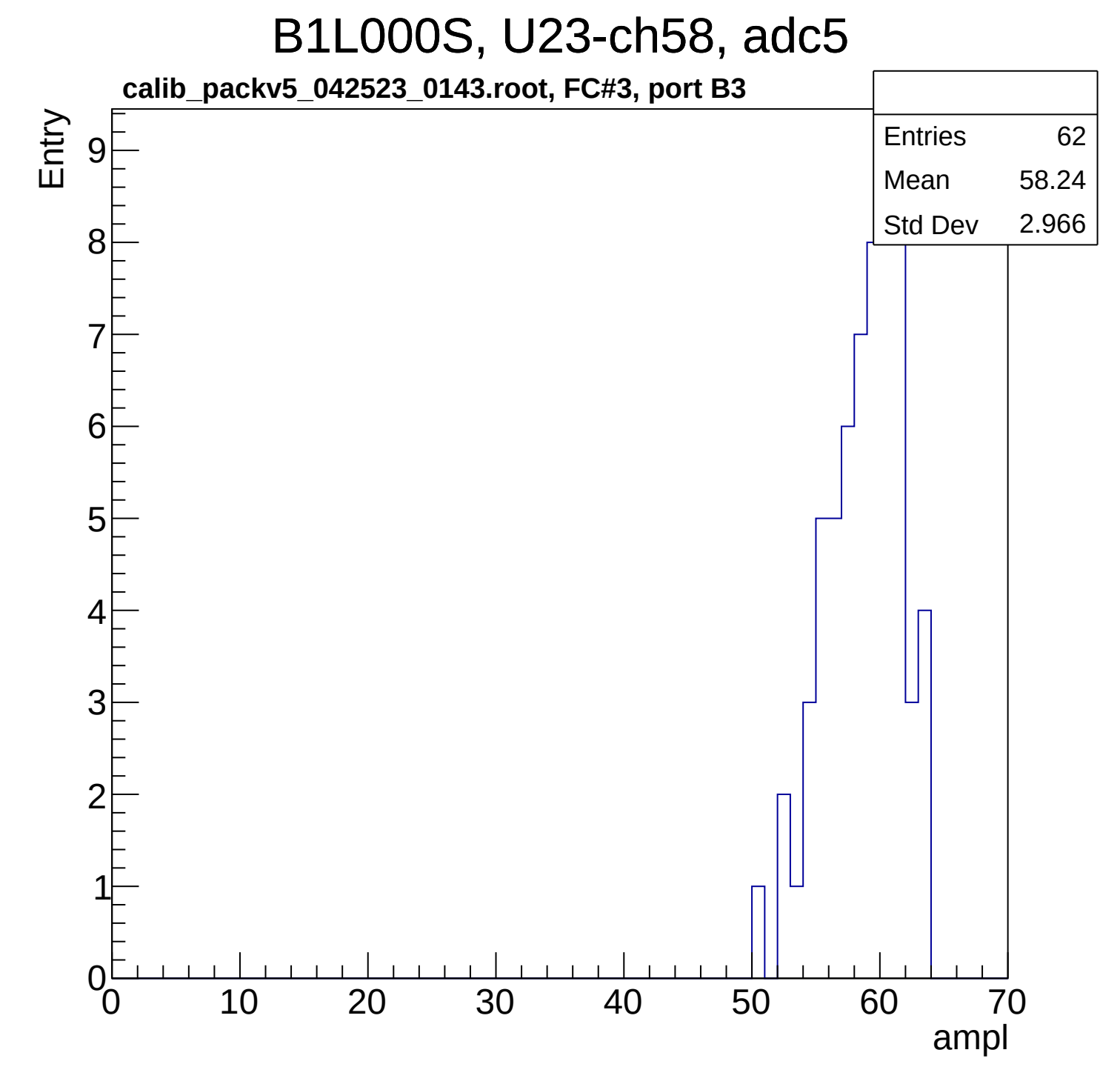
B1L000S, U23-ch58, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 58.24
Std Dev 2.966
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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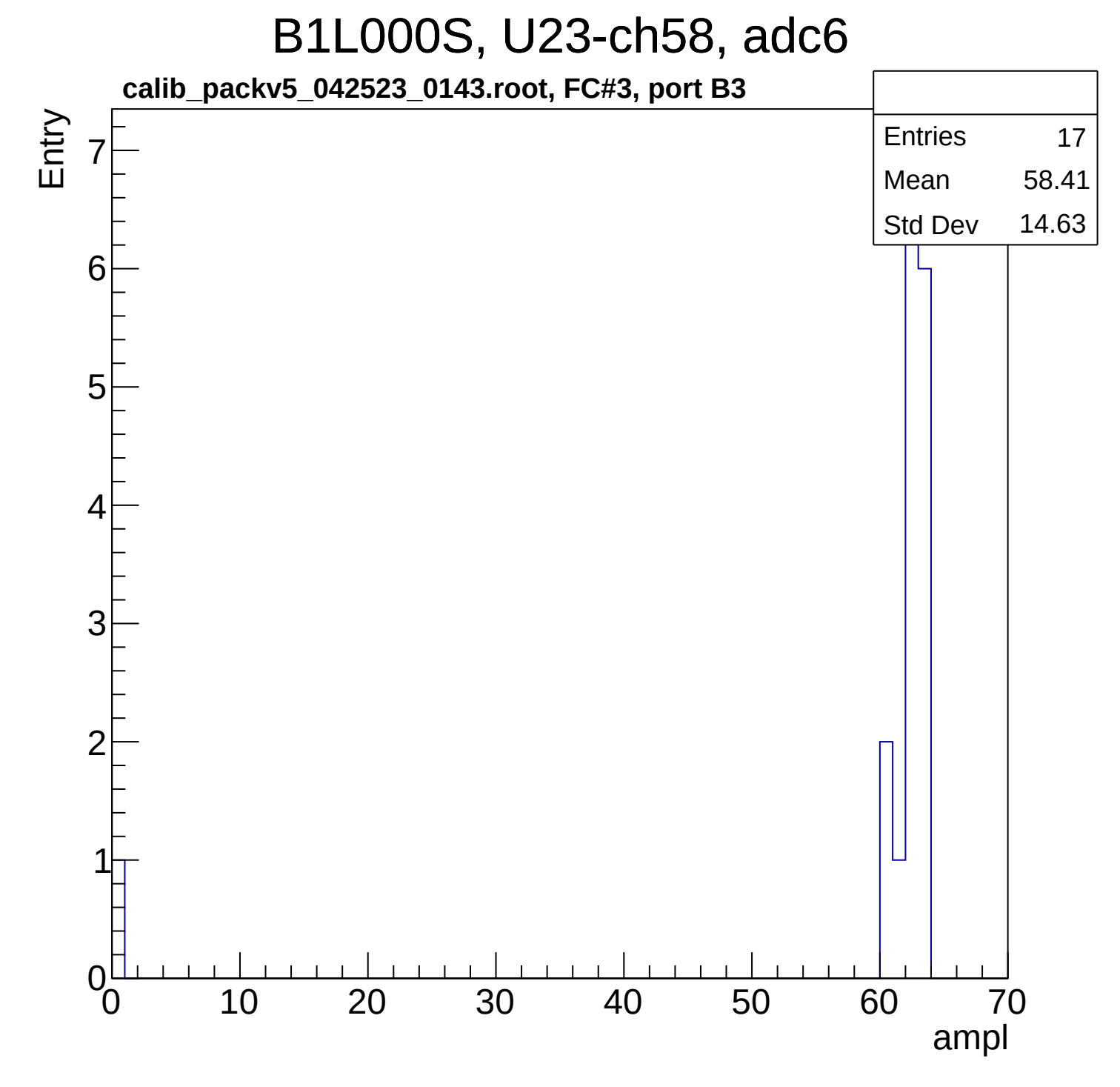
B1L000S, U23-ch58, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58.41
Std Dev 14.63
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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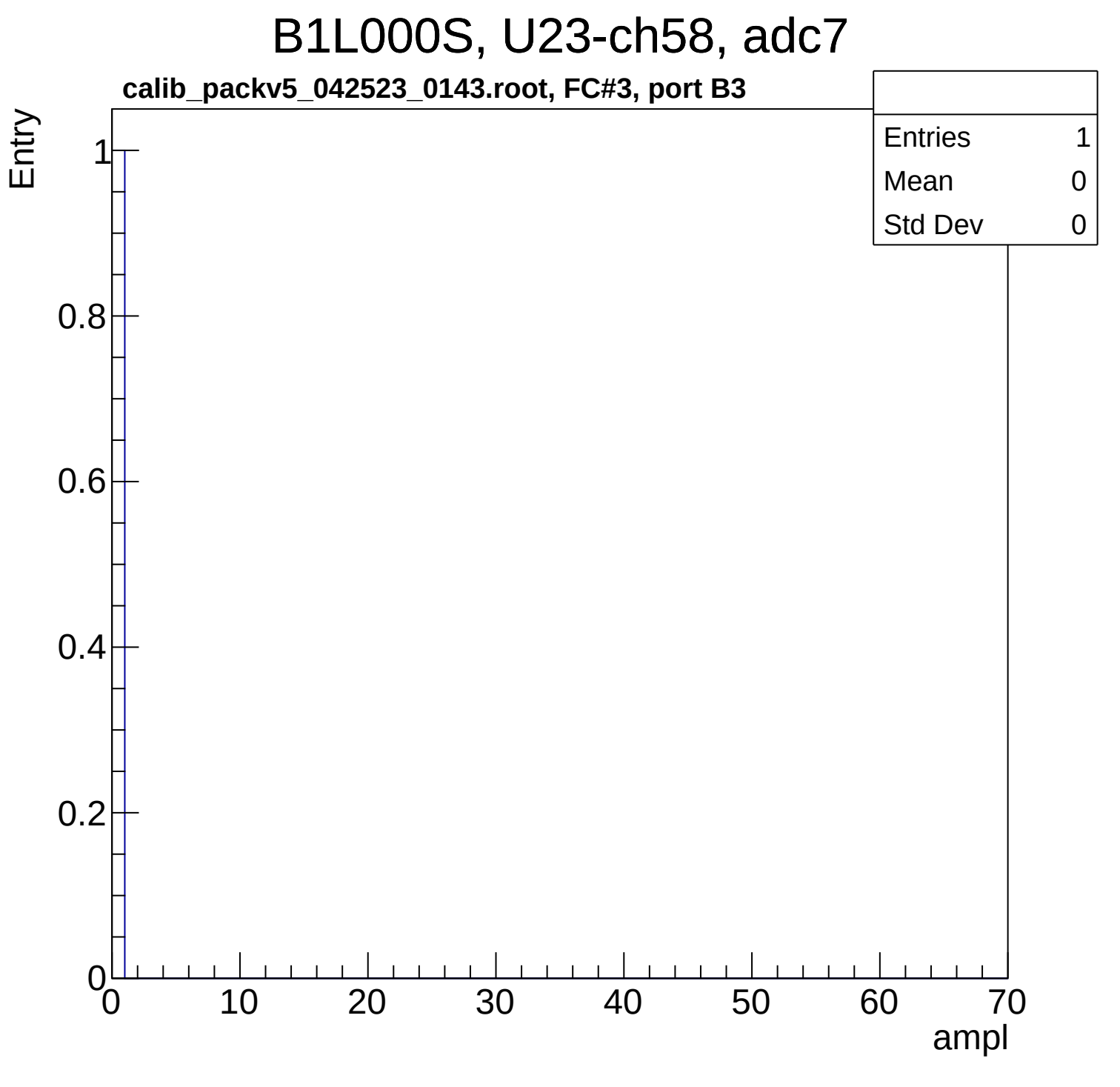
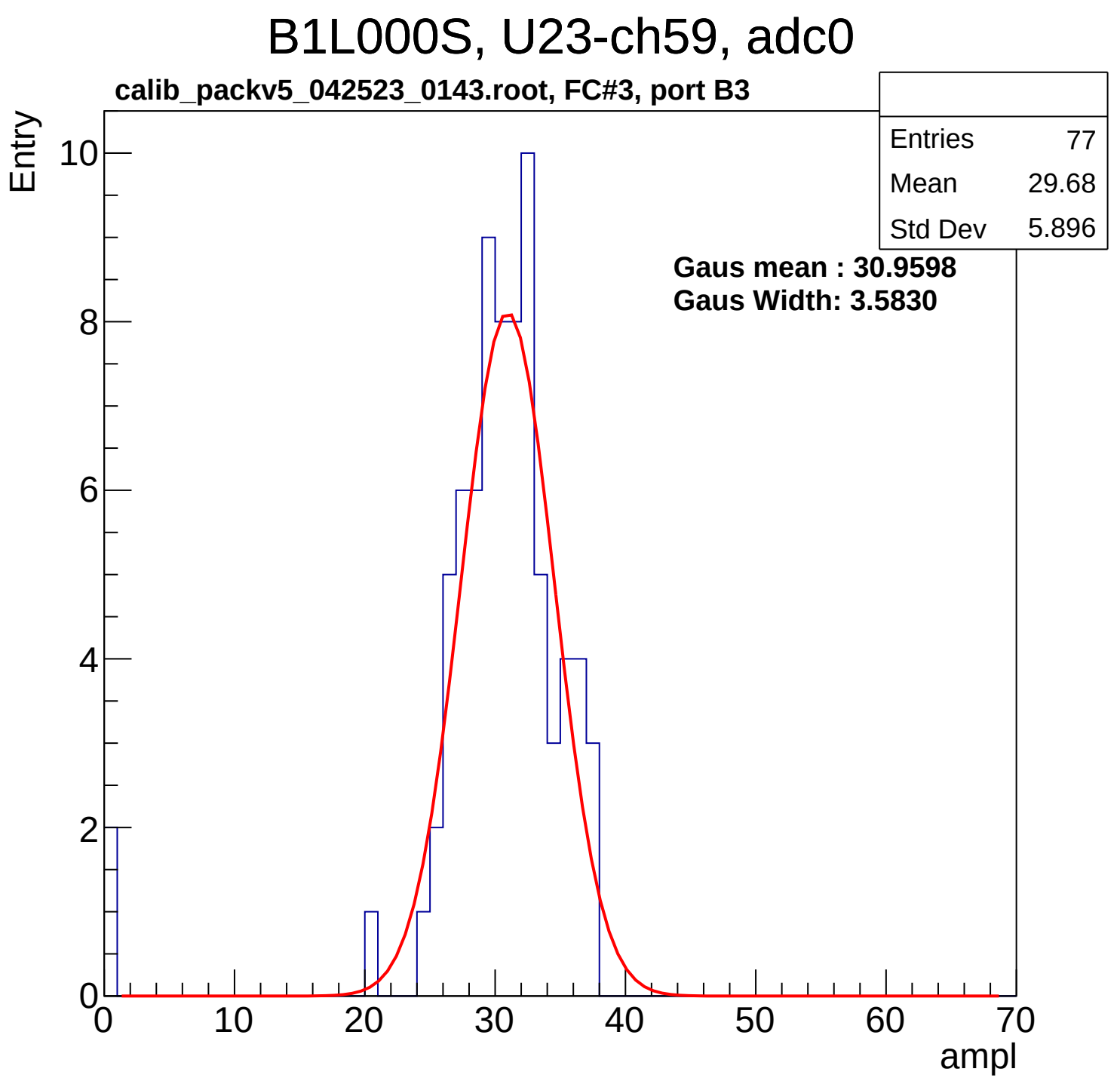
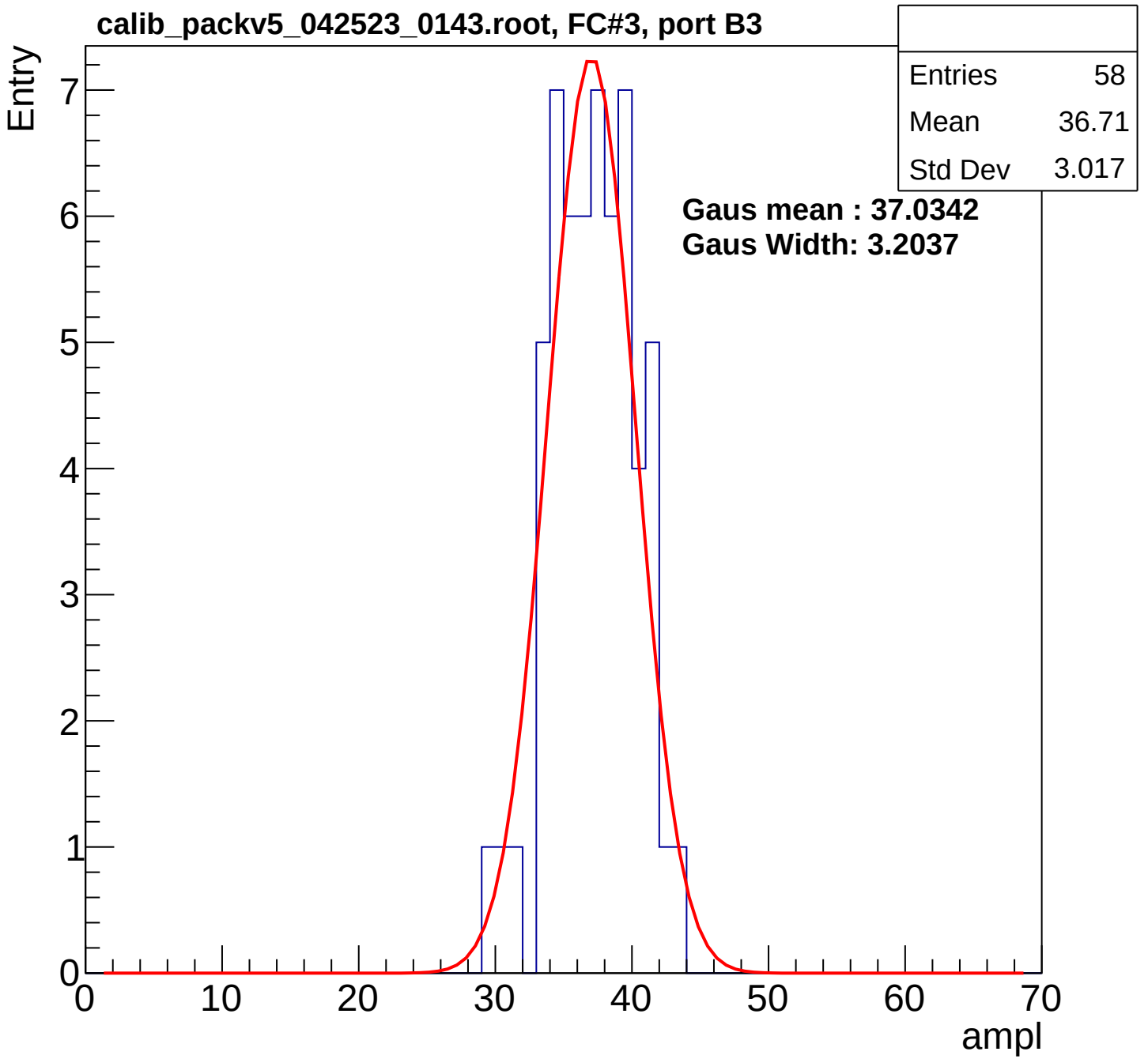
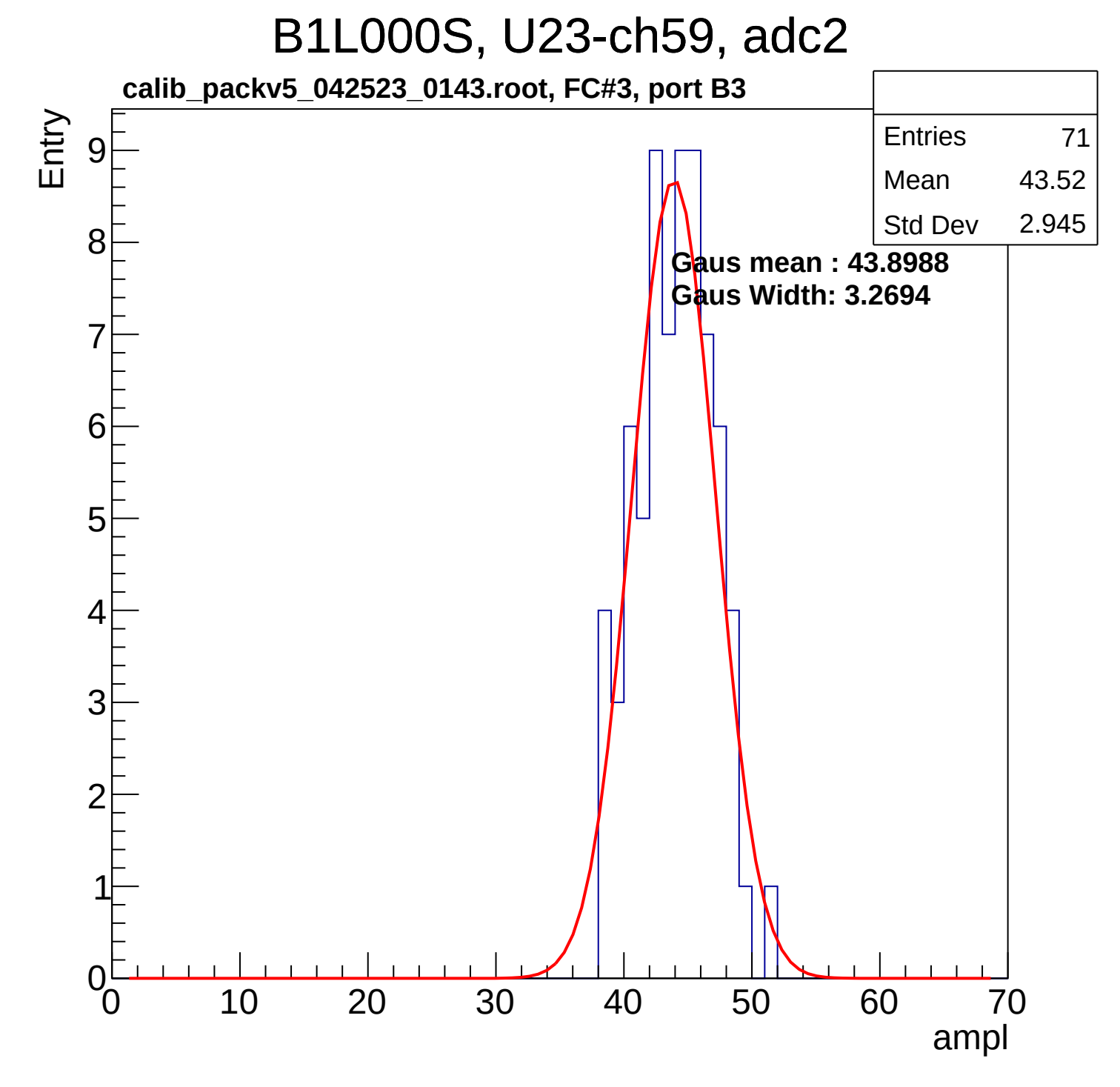

B1L000S, U23-ch58, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch59, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 29.68
Std Dev 5.896
Gaus mean : 30.9598
Gaus Width: 3.5830
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch59, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 36.71
Std Dev 3.017
Gaus mean : 37.0342
Gaus Width: 3.2037
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch59, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 43.52
Std Dev 2.945
Gaus mean : 43.8988
Gaus Width: 3.2694
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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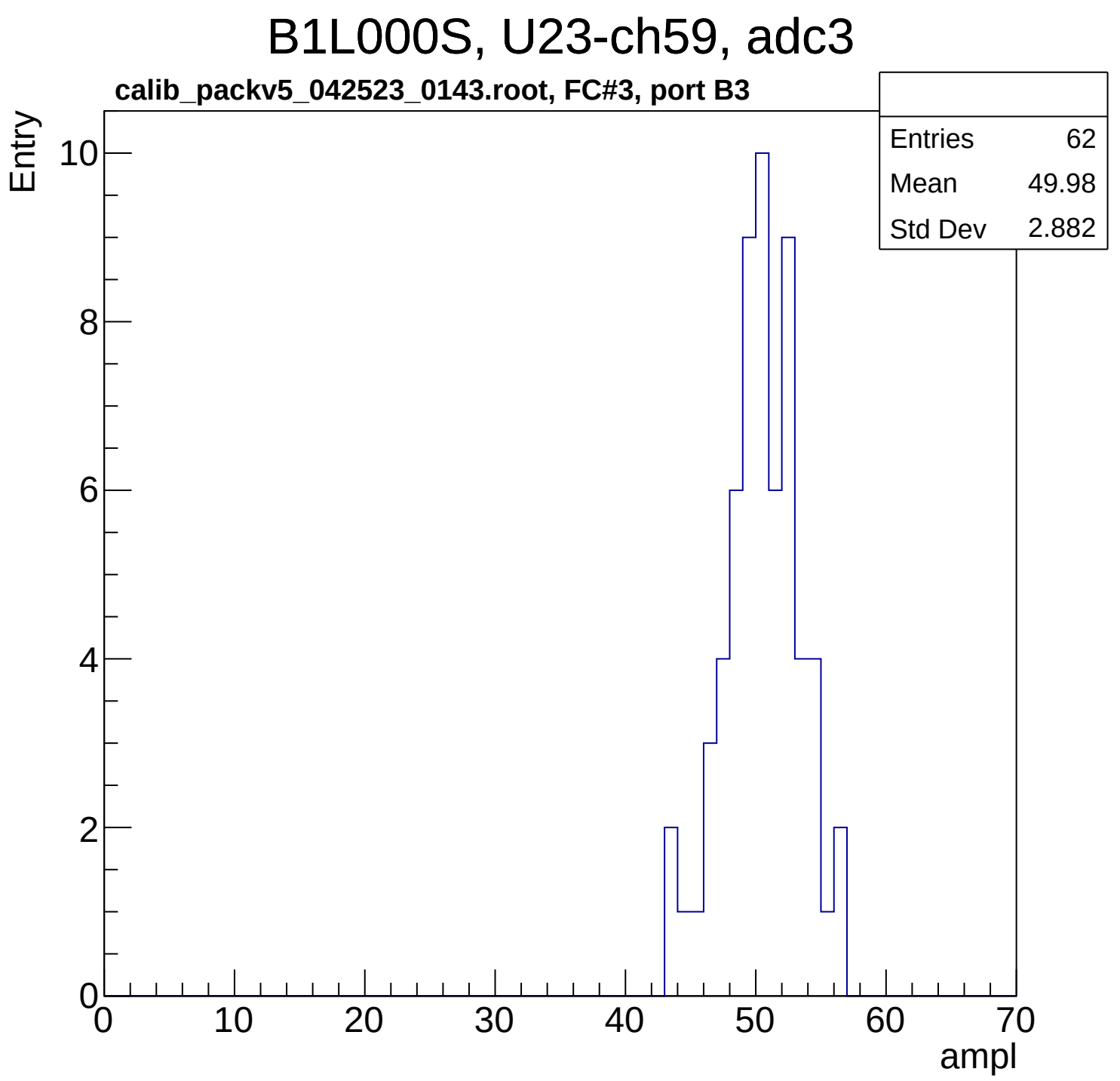
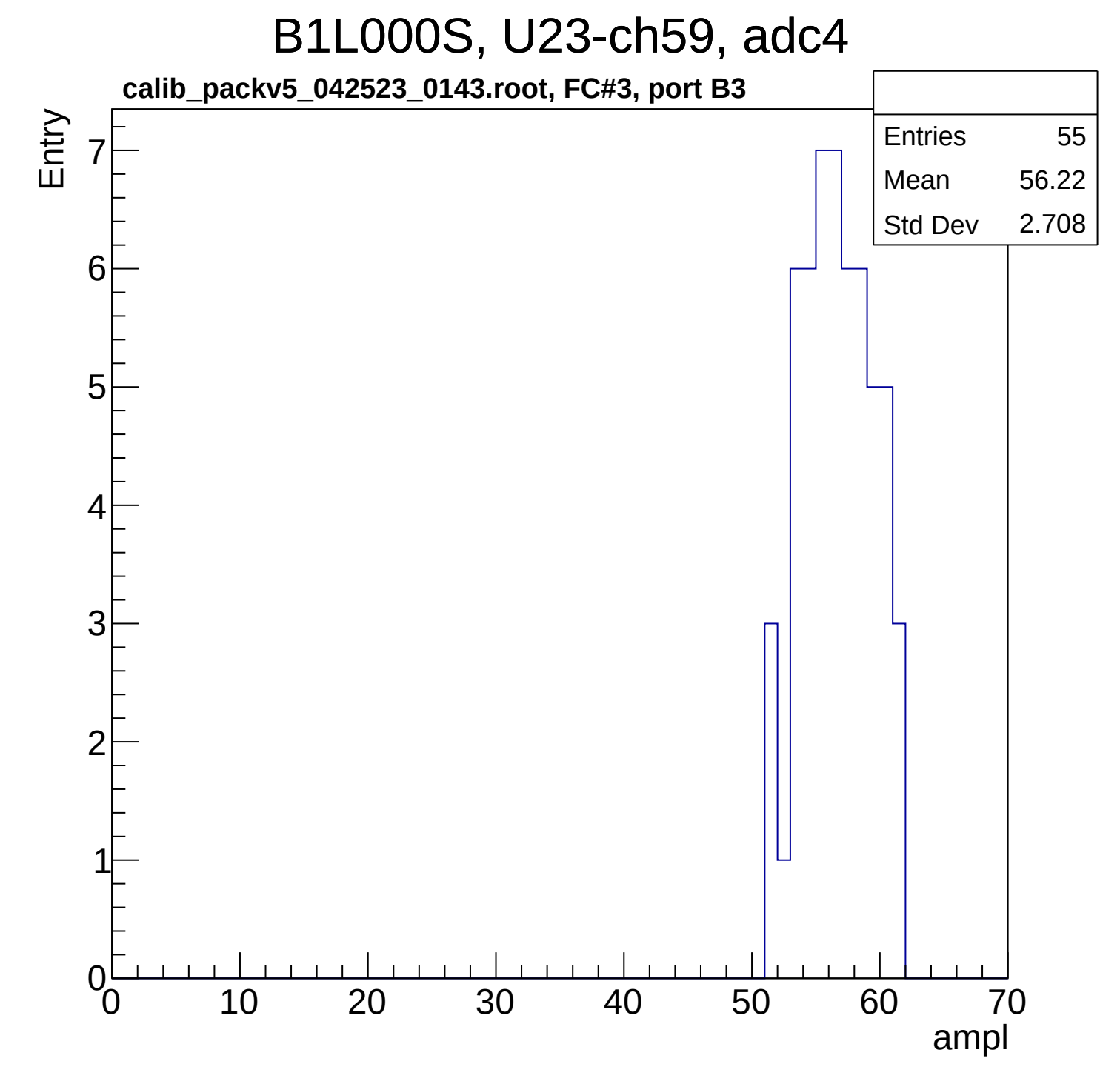
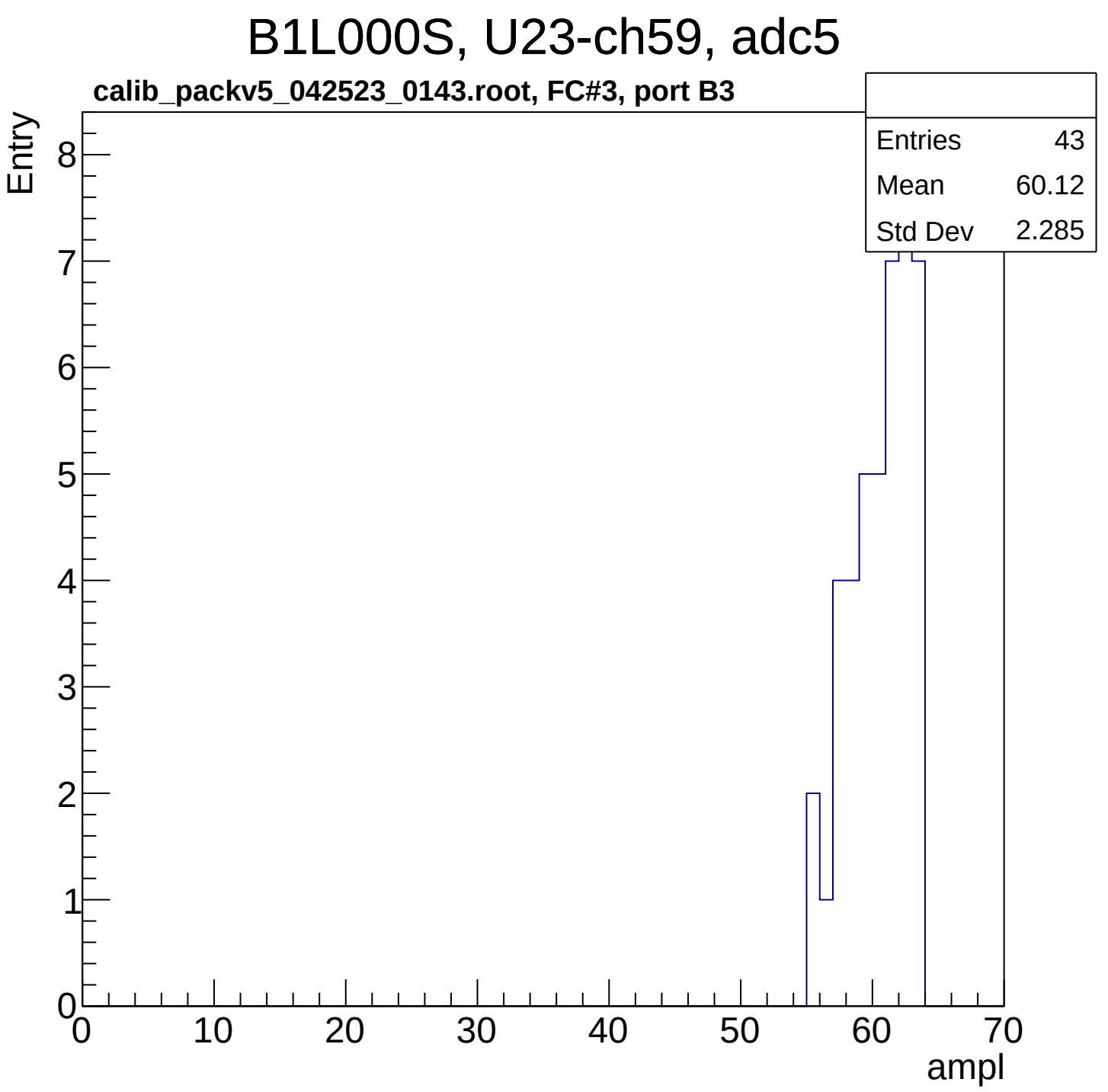

B1L000S, U23-ch59, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 49.98
Std Dev 2.882
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch59, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 56.22
Std Dev 2.708
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch59, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 60.12
Std Dev 2.285
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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60
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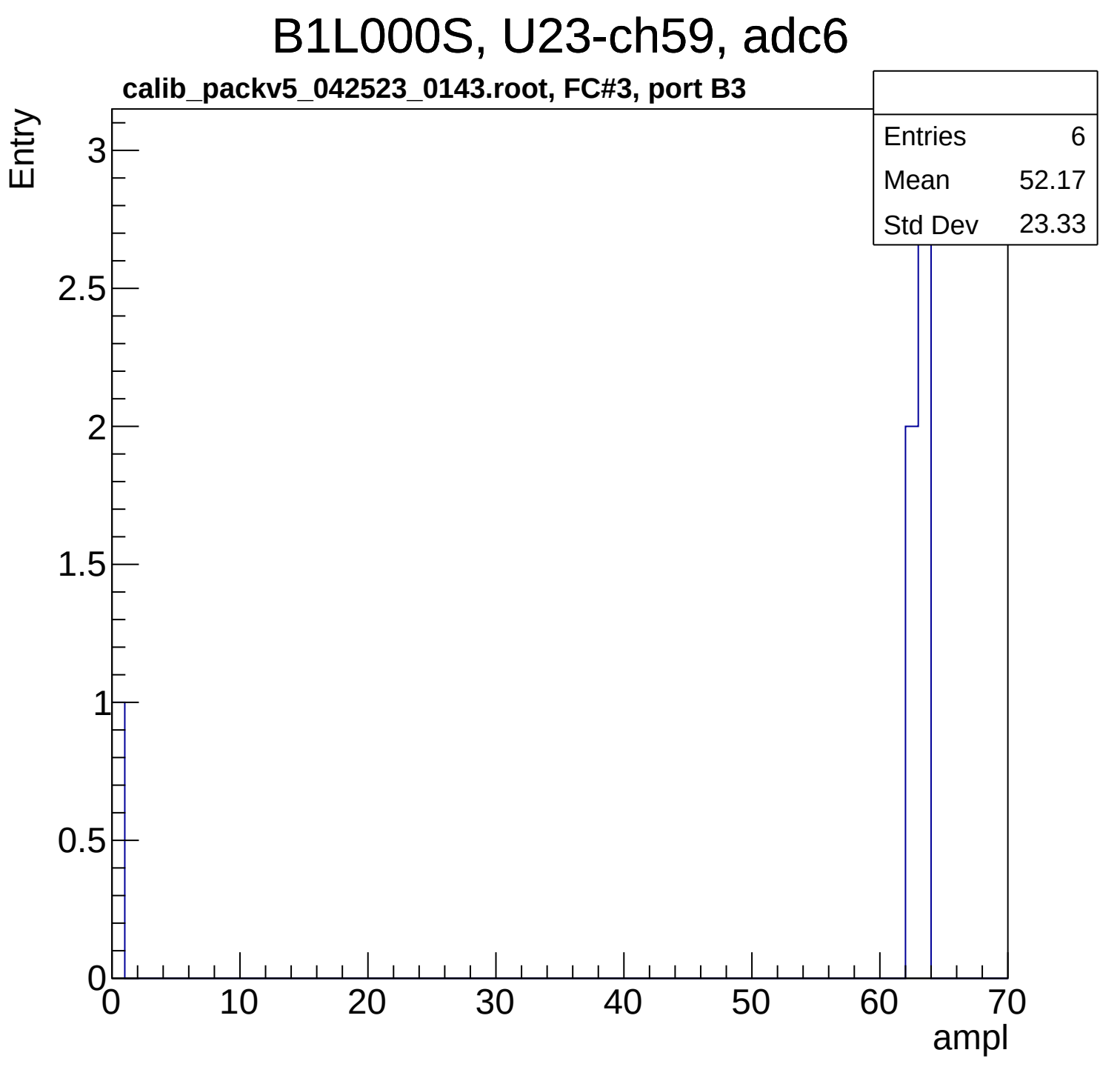
B1L000S, U23-ch59, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 52.17
Std Dev 23.33
Entry
ampl
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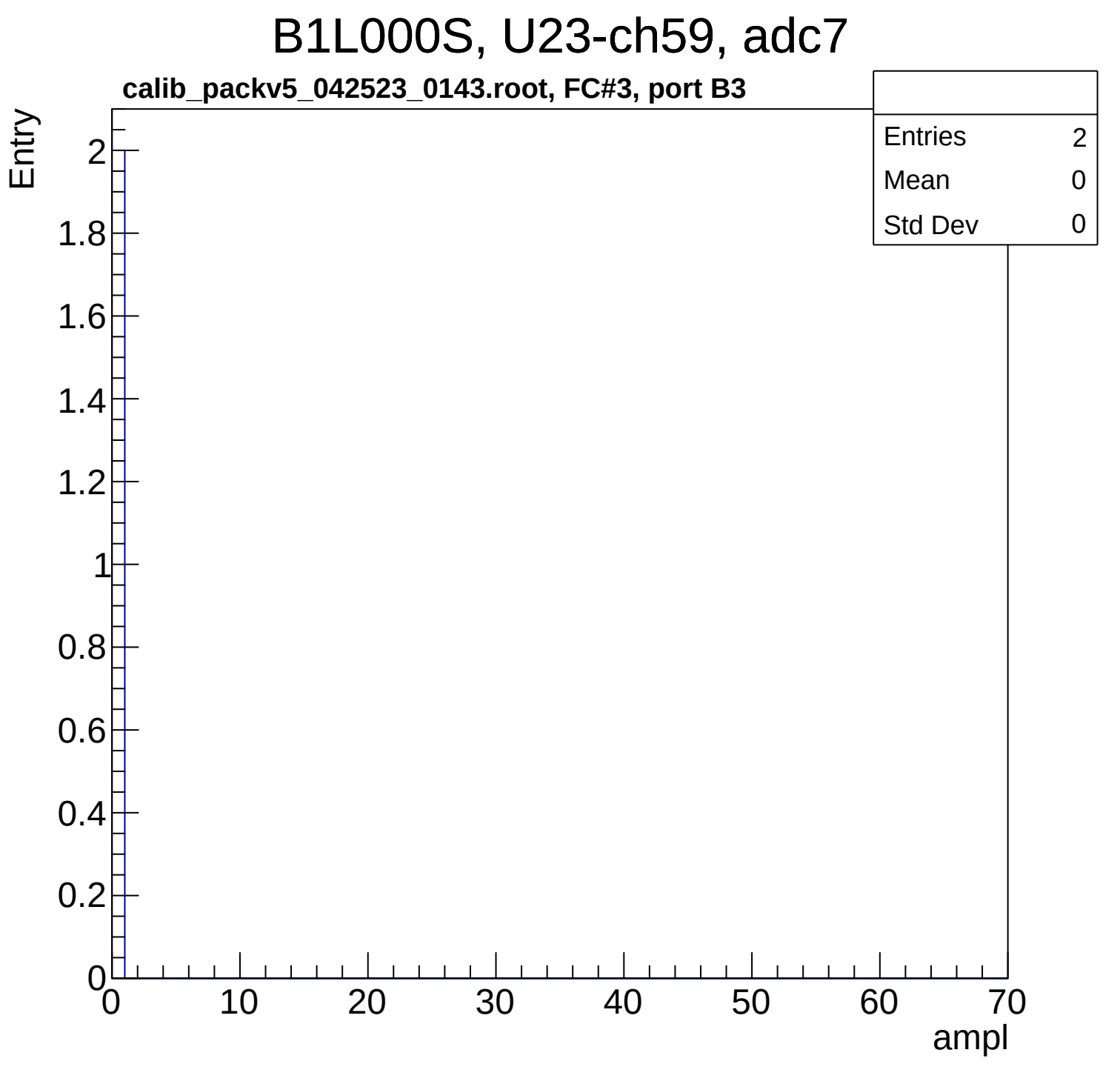
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U23-ch59, 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
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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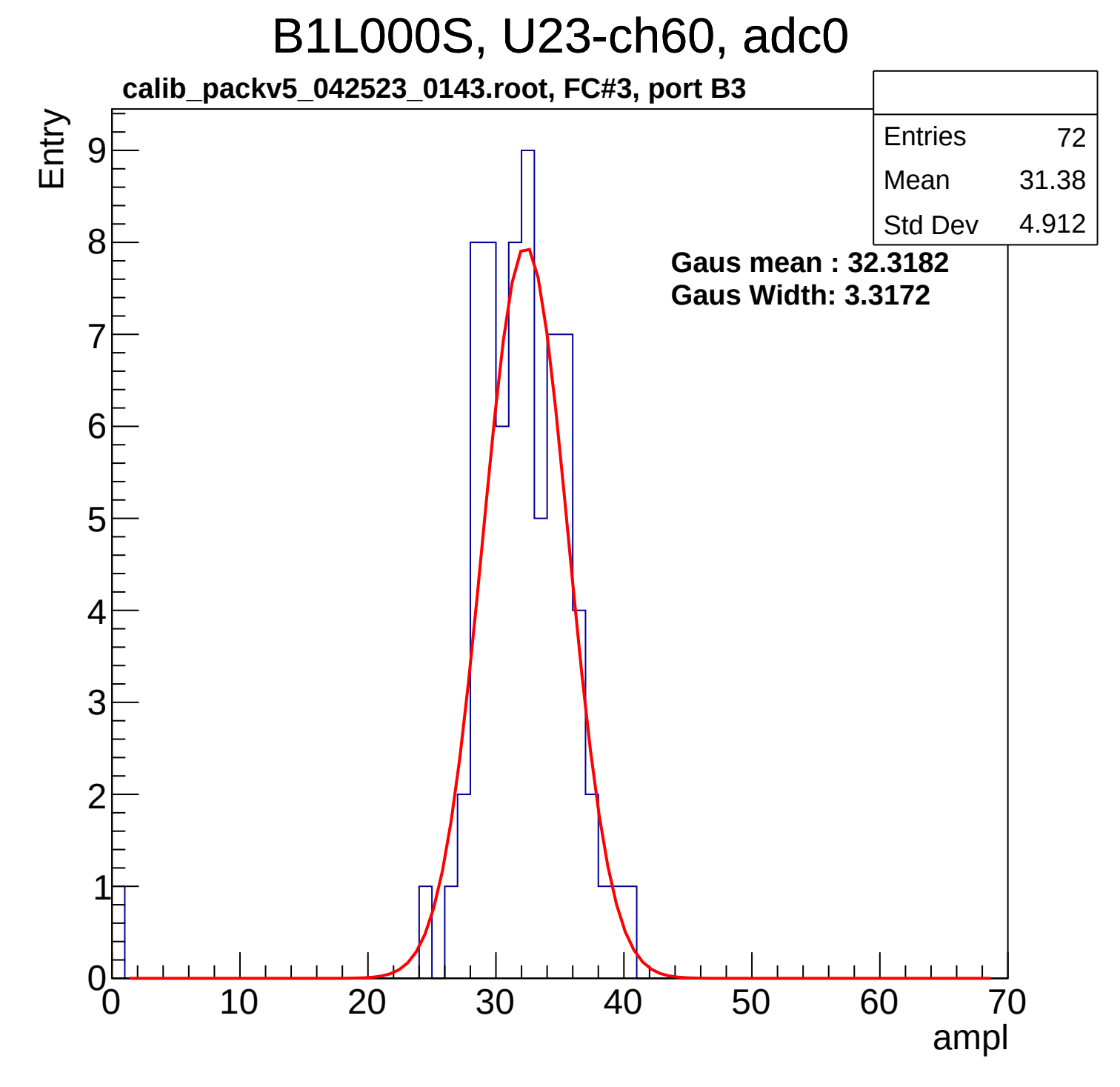
B1L000S, U23-ch60, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 31.38
Std Dev 4.912
Gaus mean : 32.3182
Gaus Width: 3.3172
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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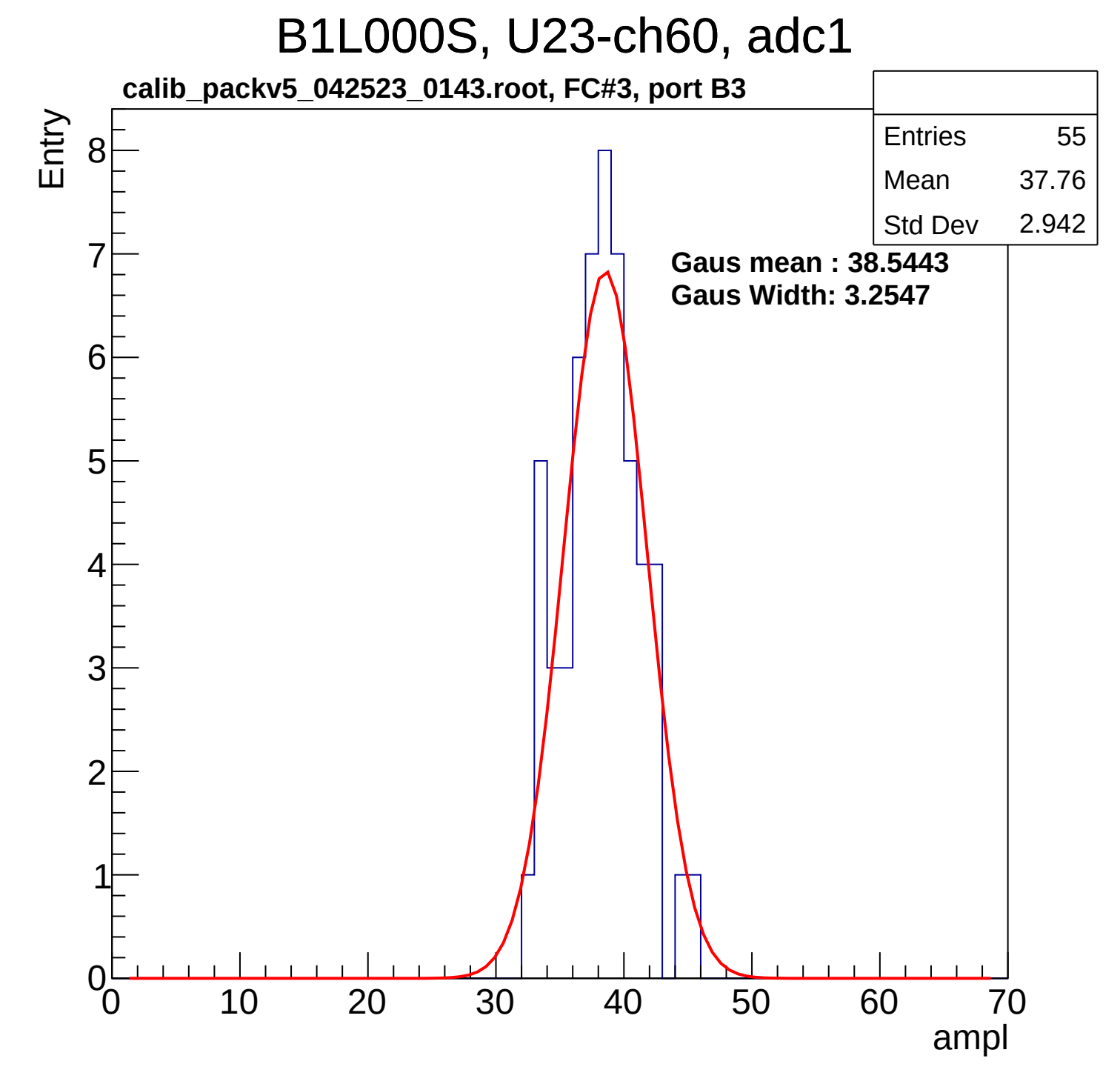
B1L000S, U23-ch60, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 37.76
Std Dev 2.942
Gaus mean : 38.5443
Gaus Width: 3.2547
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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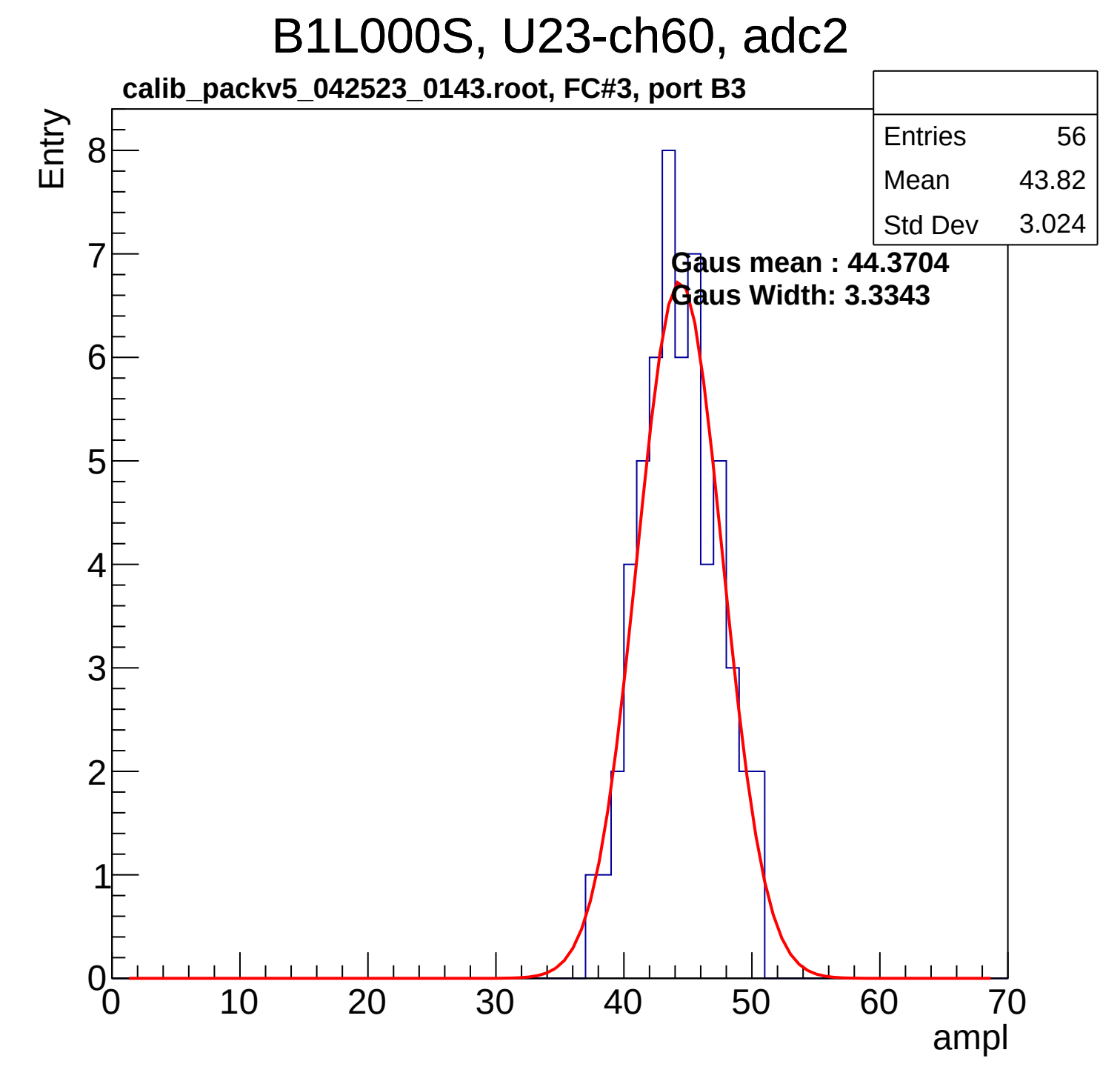
B1L000S, U23-ch60, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 43.82
Std Dev 3.024
Gaus mean : 44.3704
Gaus Width: 3.3343
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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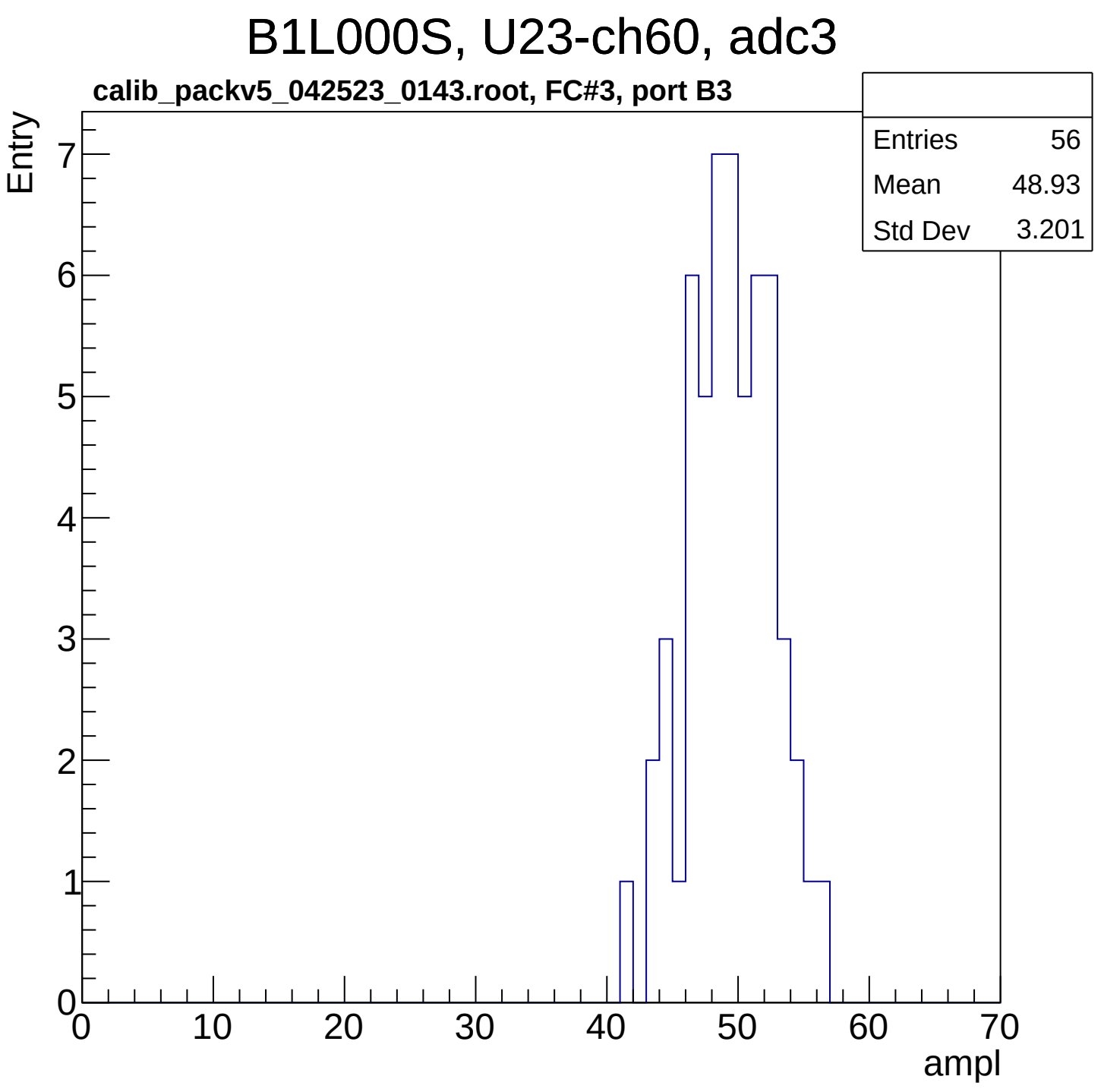
B1L000S, U23-ch60, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 48.93
Std Dev 3.201
Entry
ampl
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1
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4
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0
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60
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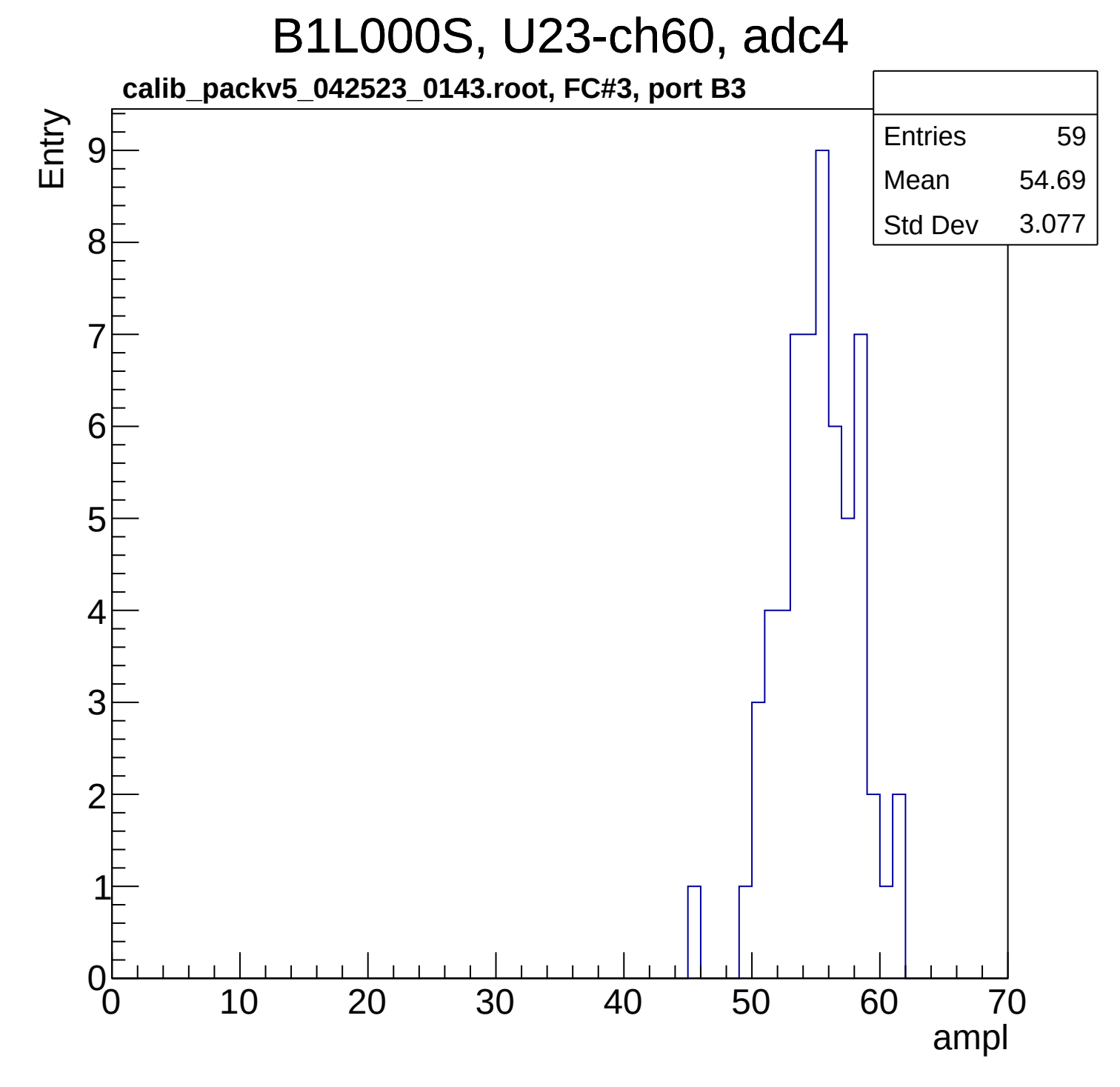
B1L000S, U23-ch60, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.69
Std Dev 3.077
Entry
ampl
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3
4
5
6
7
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0
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20
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60
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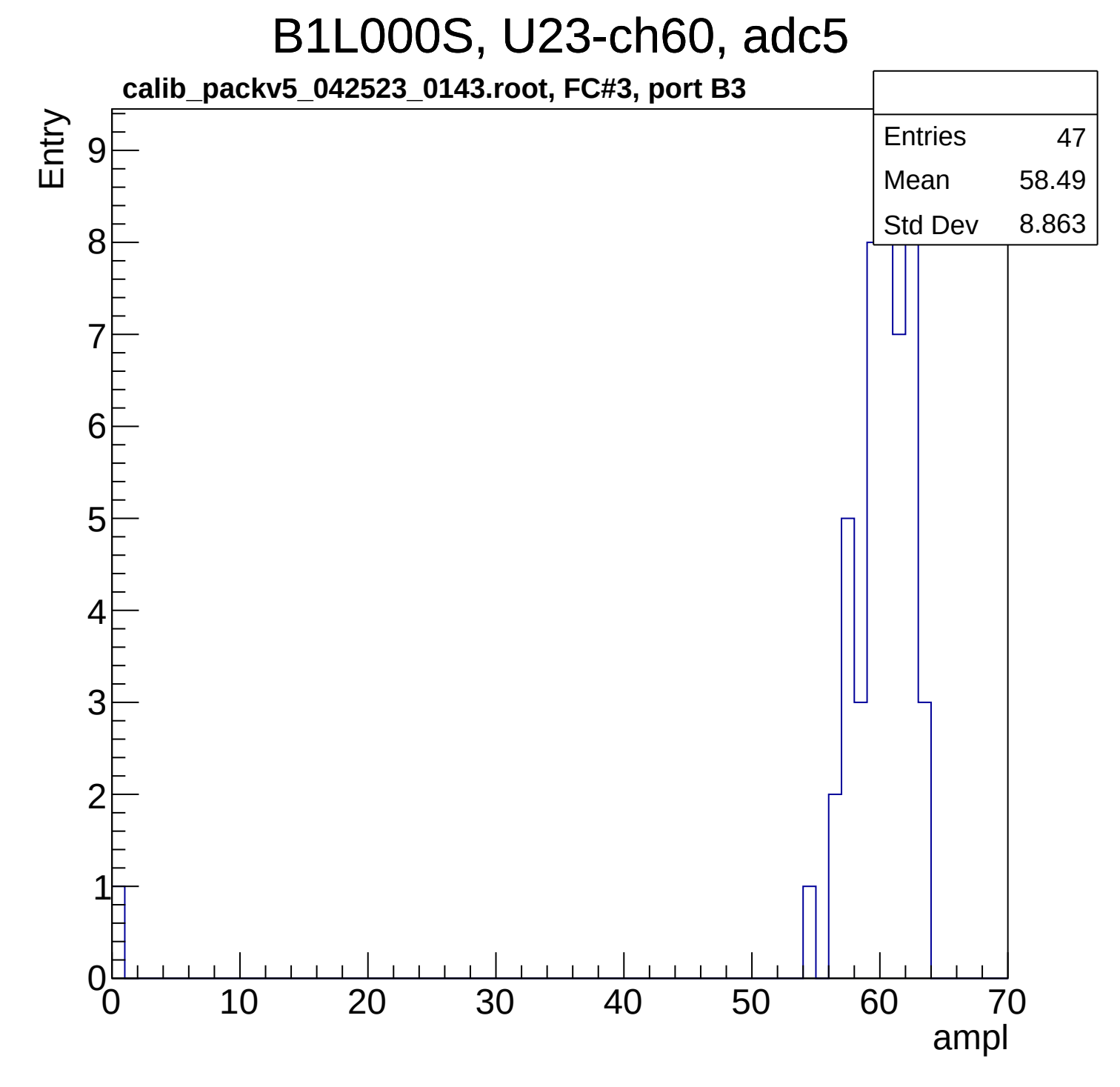
B1L000S, U23-ch60, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 58.49
Std Dev 8.863
Entry
ampl
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3
4
5
6
7
8
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0
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60
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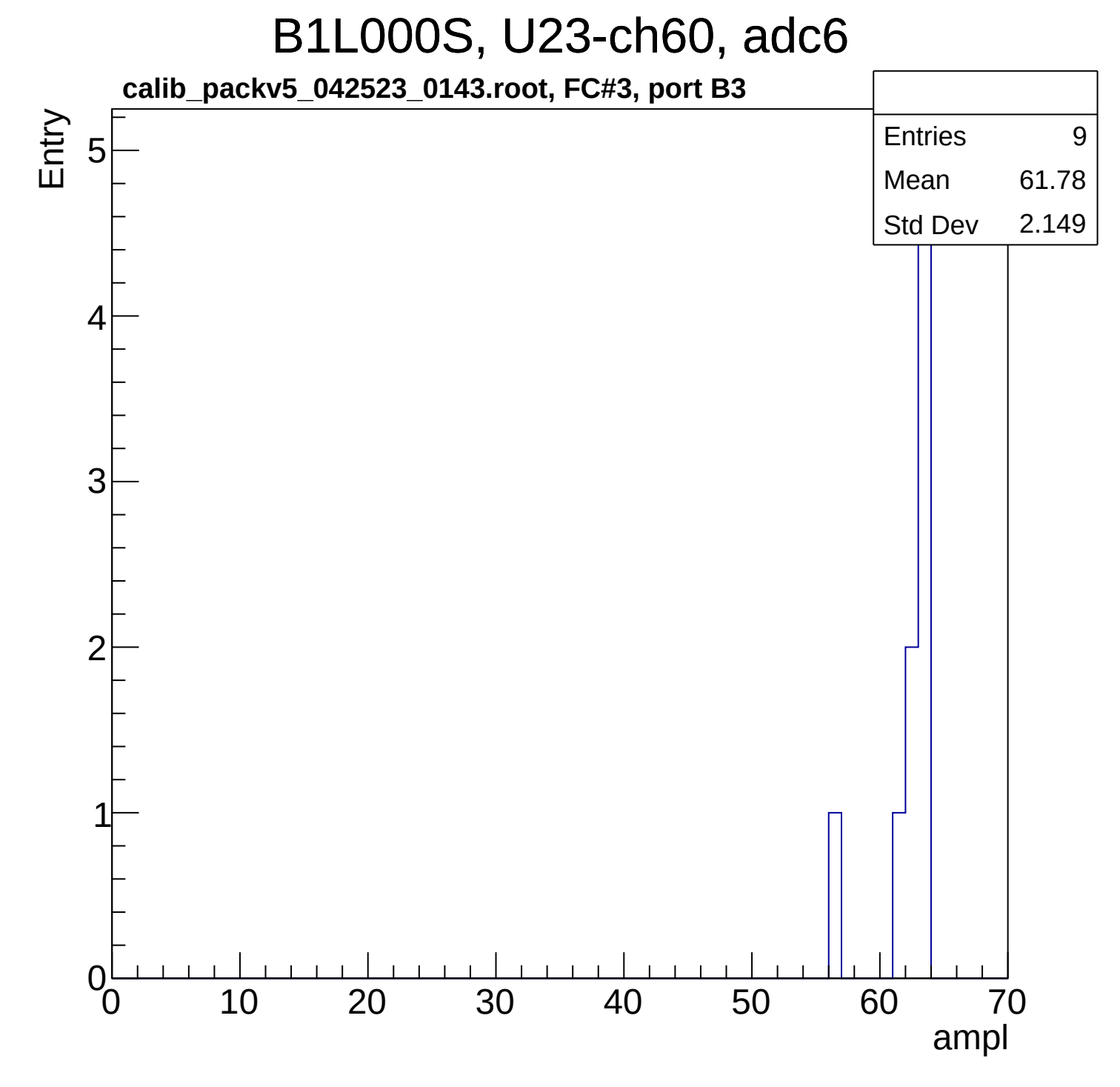
B1L000S, U23-ch60, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 61.78
Std Dev 2.149
Entry
ampl
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3
4
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0
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20
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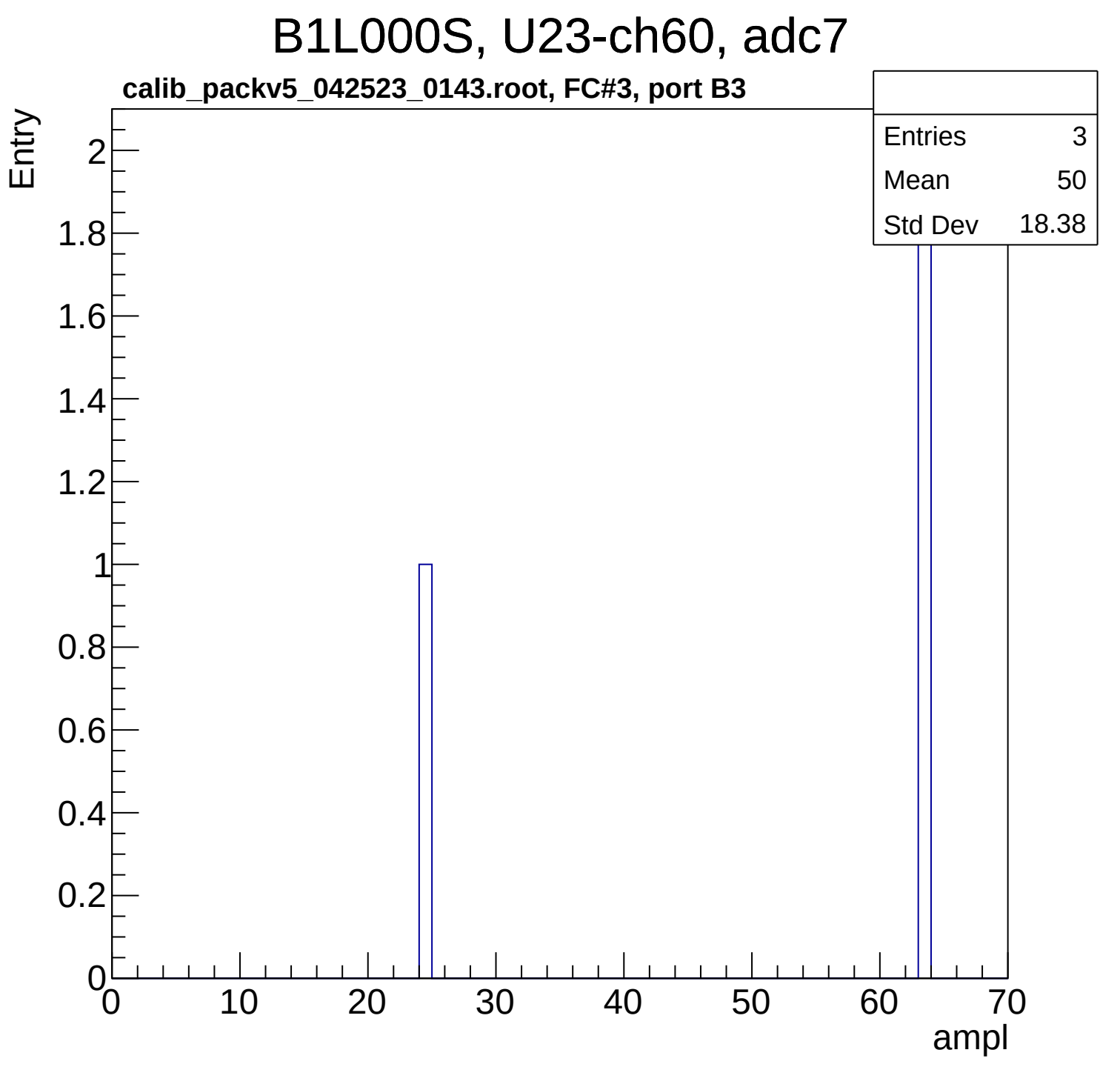
40
50
60
70


B1L000S, U23-ch60, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 50
Std Dev 18.38
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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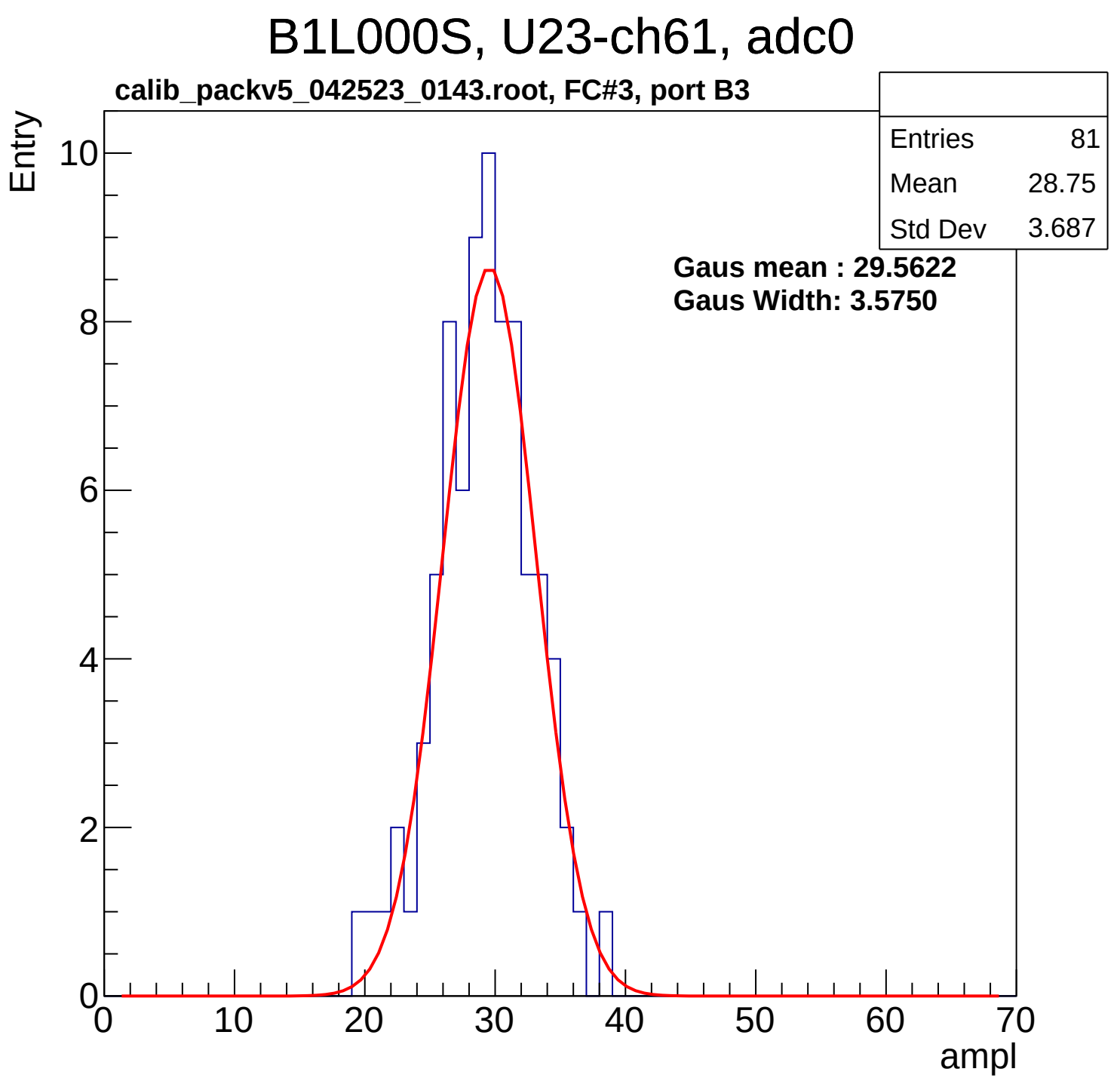
B1L000S, U23-ch61, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 28.75
Std Dev 3.687
Gaus mean : 29.5622
Gaus Width: 3.5750
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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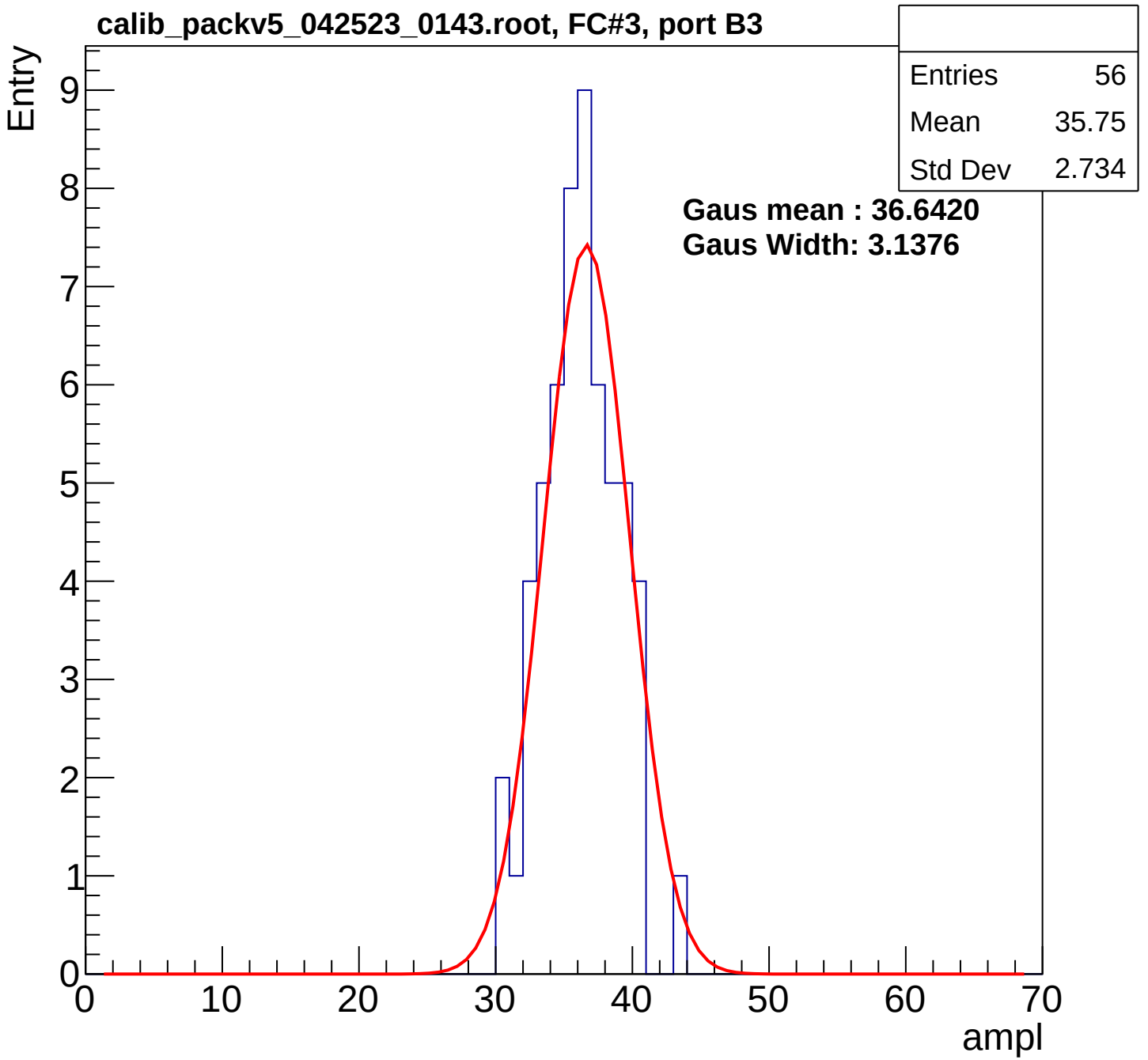
B1L000S, U23-ch61, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.75
Std Dev 2.734
Gaus mean : 36.6420
Gaus Width: 3.1376
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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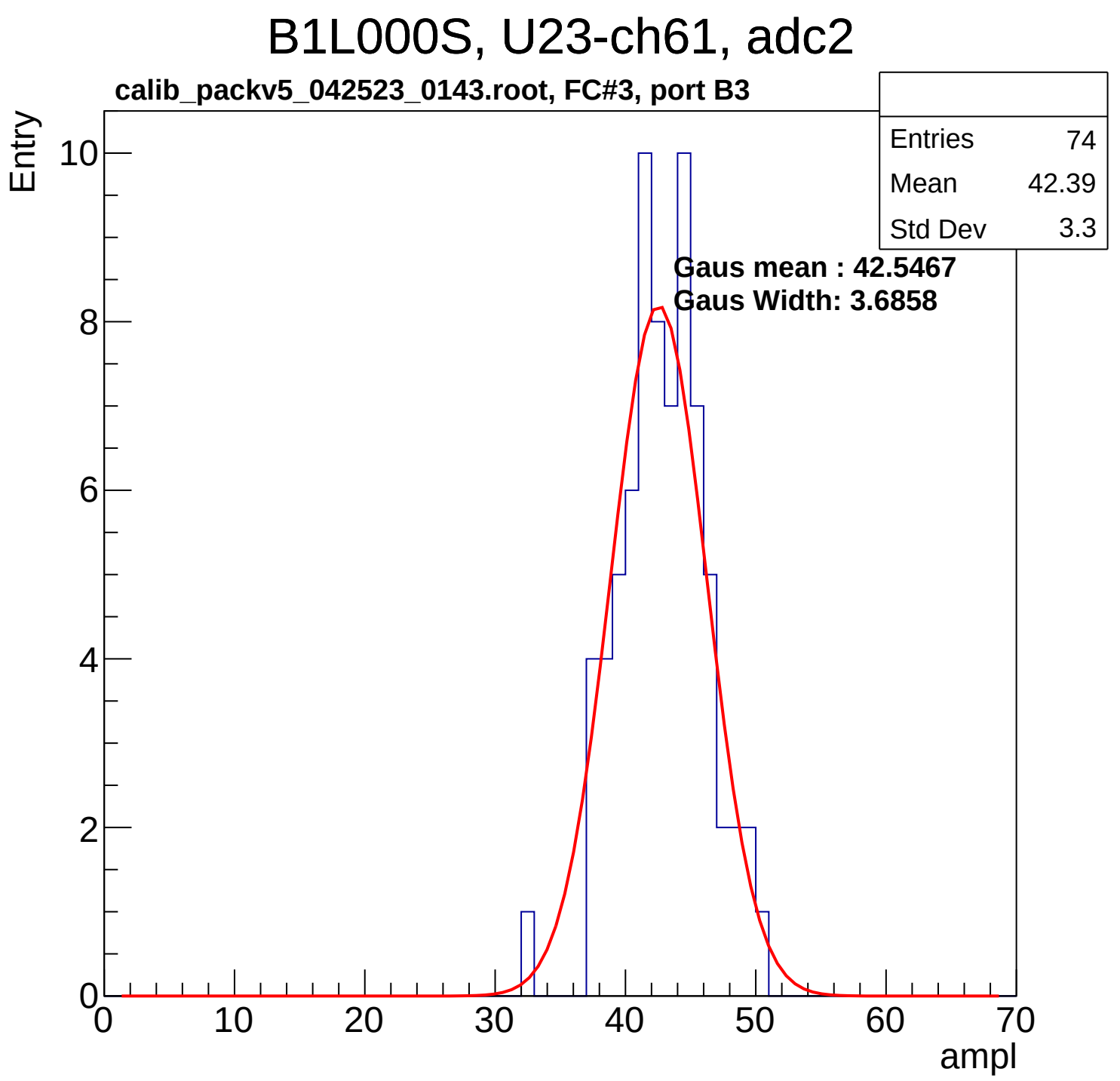
B1L000S, U23-ch61, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 42.39
Std Dev 3.3
Gaus mean : 42.5467
Gaus Width: 3.6858
Entry
ampl
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2
4
6
8
10
0
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20
30
40
50
60
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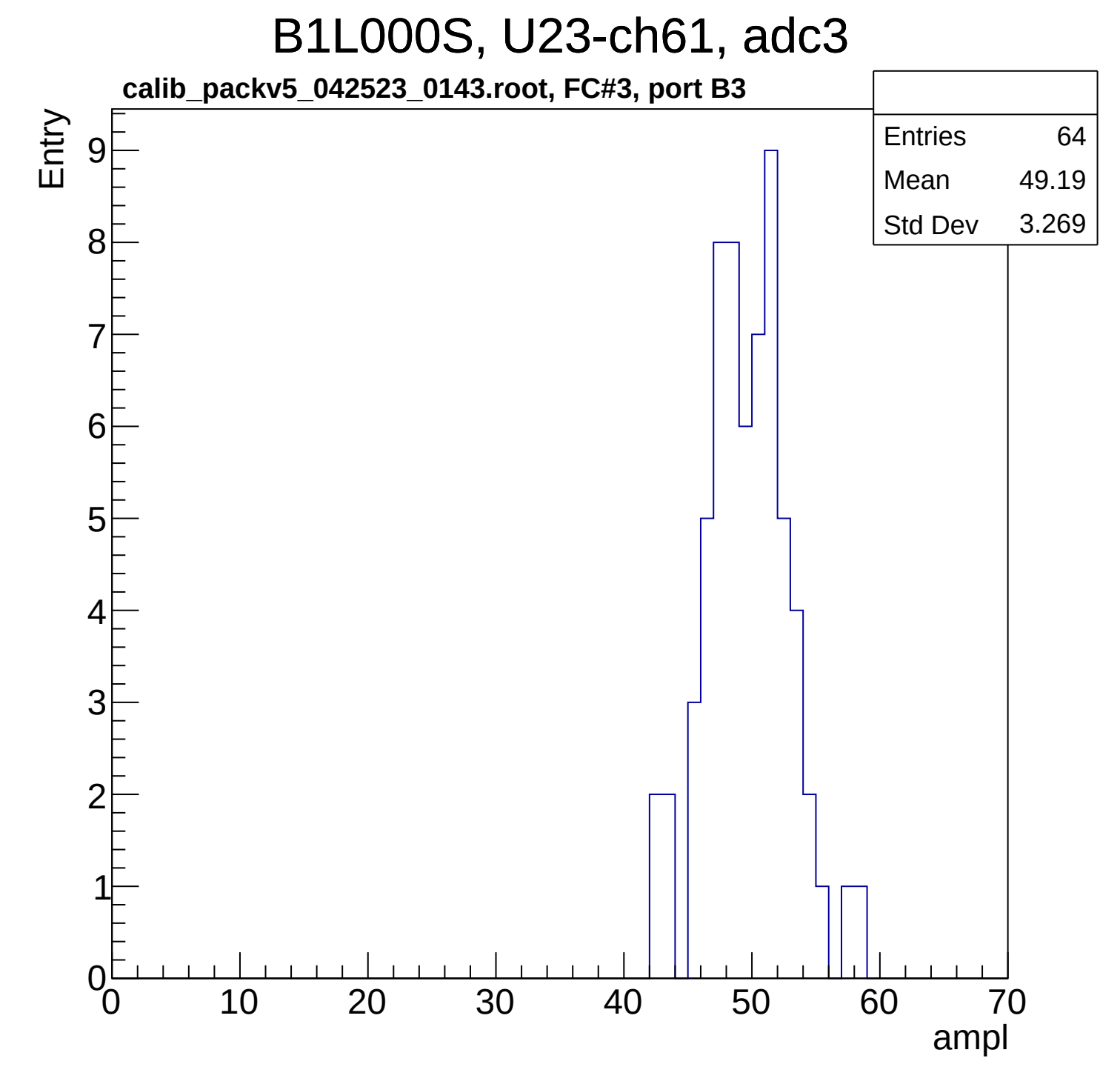
B1L000S, U23-ch61, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 49.19
Std Dev 3.269
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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40
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60
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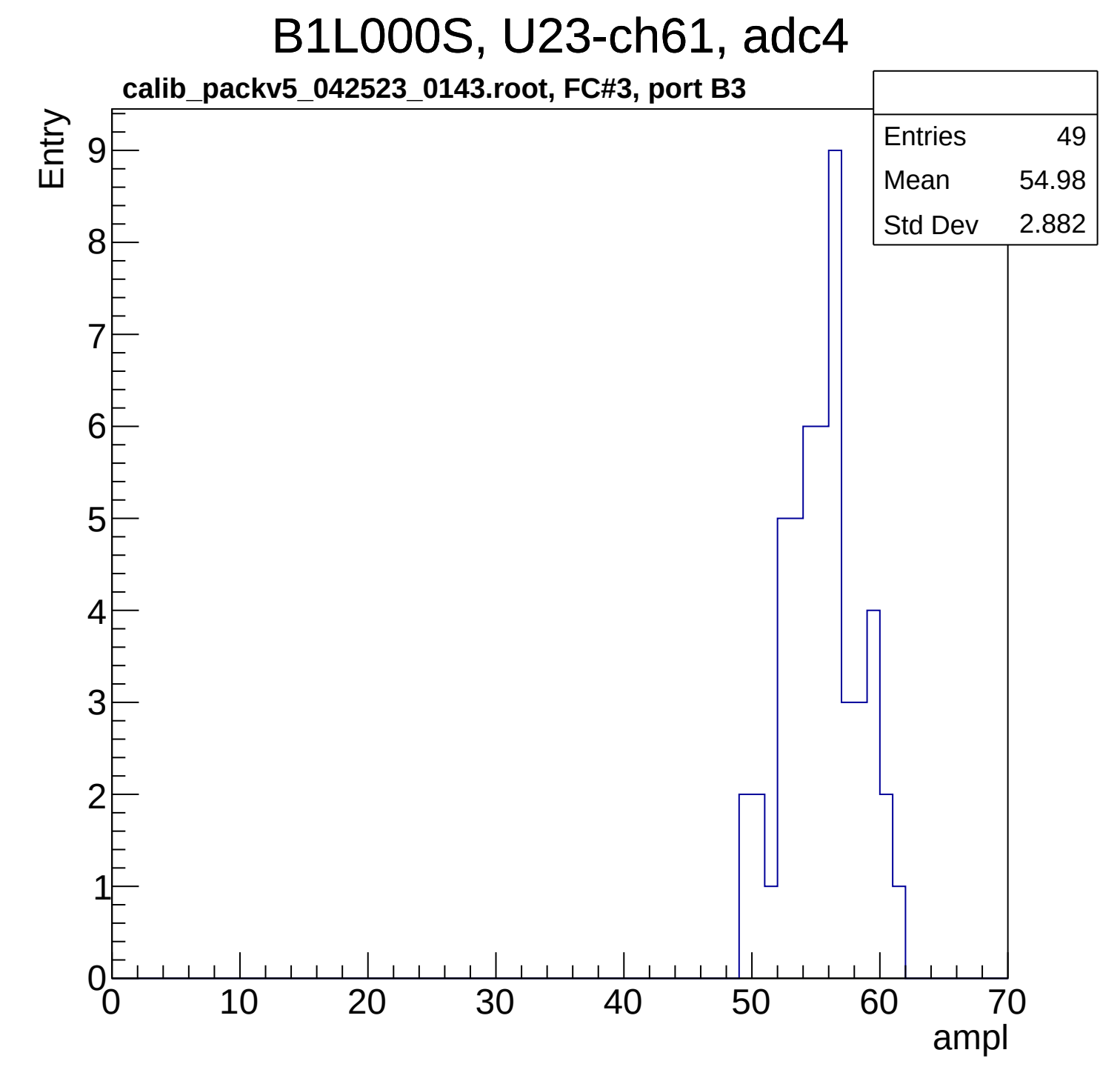
B1L000S, U23-ch61, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.98
Std Dev 2.882
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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60
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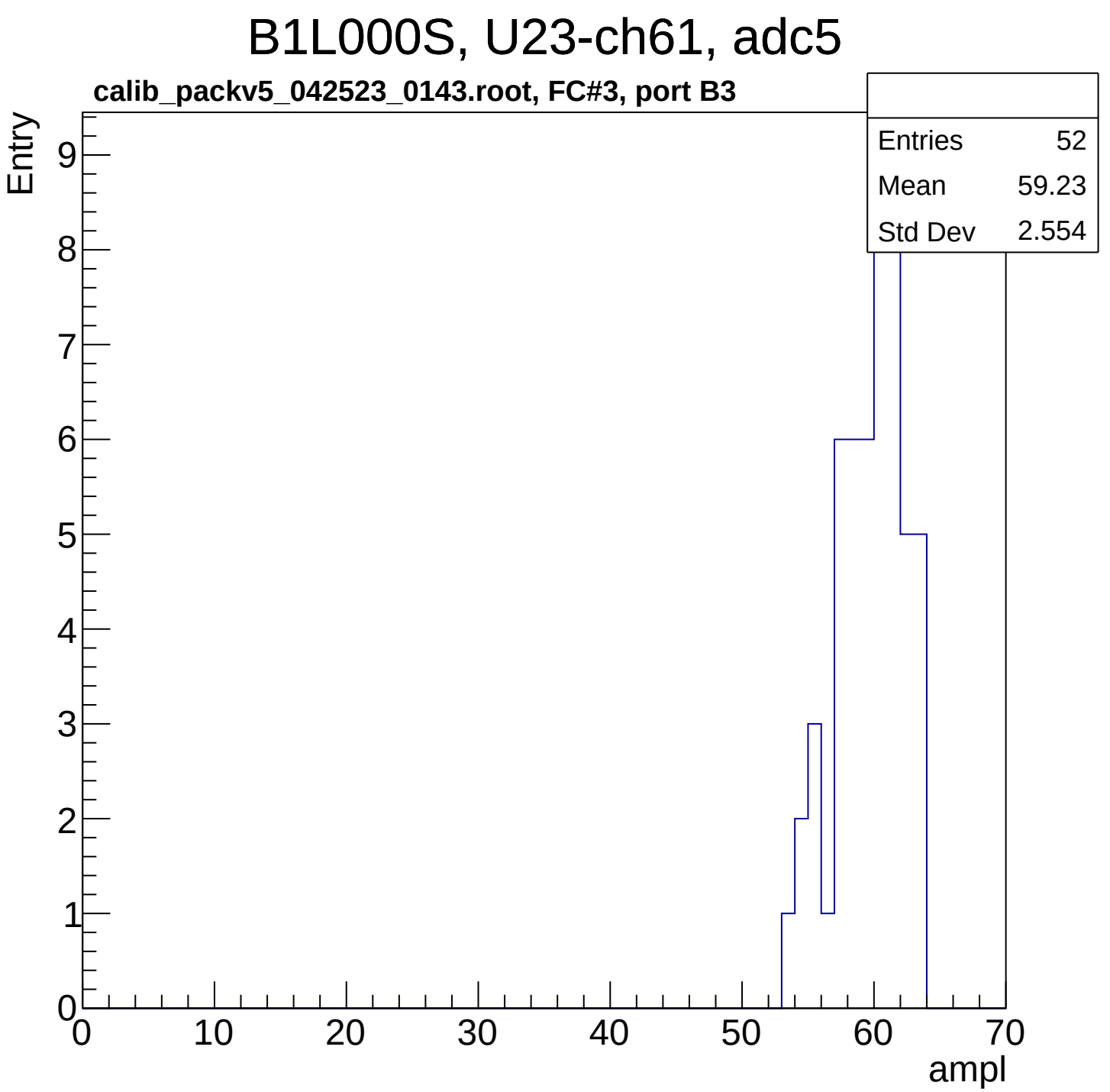
B1L000S, U23-ch61, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.23
Std Dev 2.554
Entry
ampl
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2
3
4
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0
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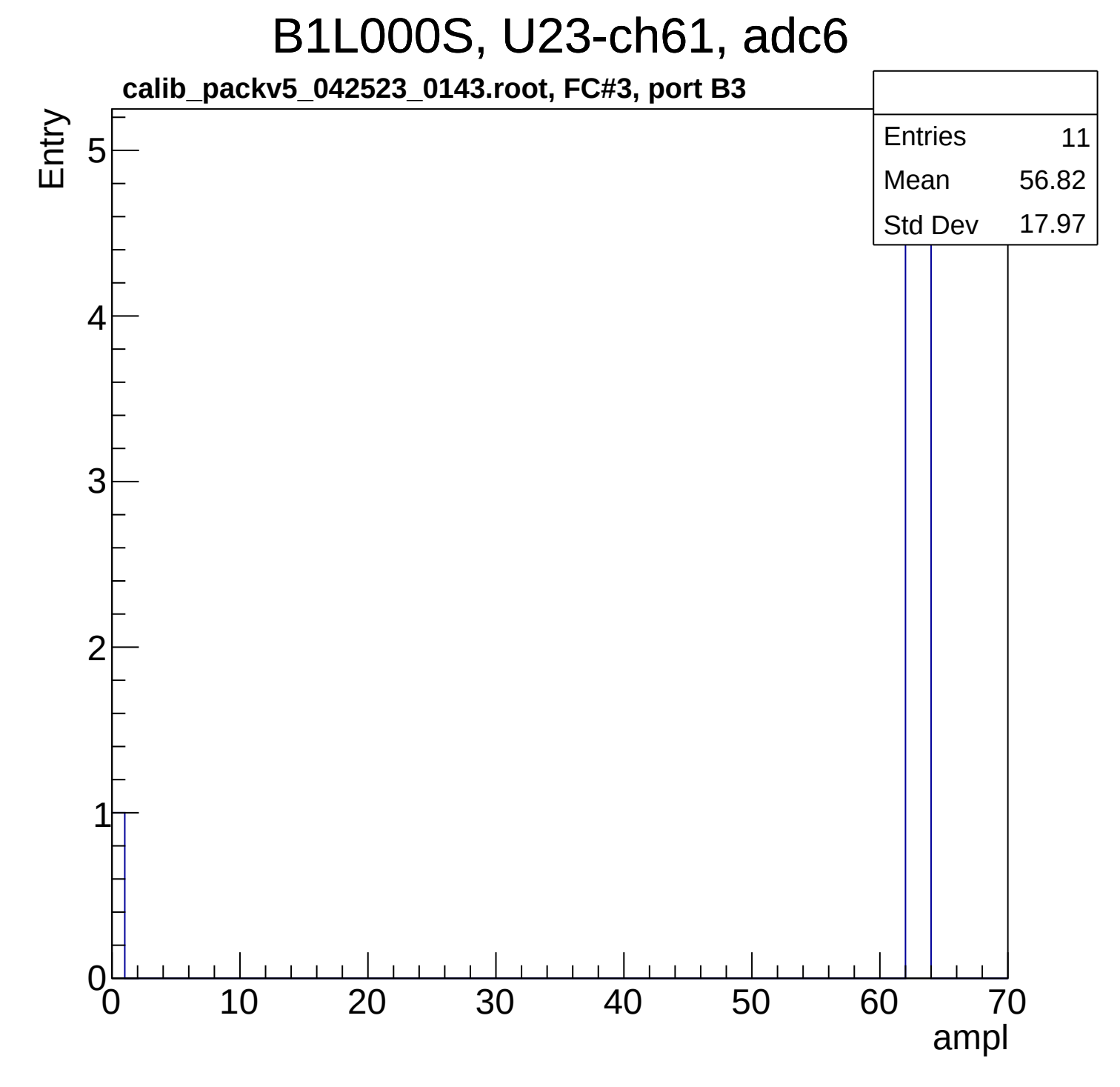
B1L000S, U23-ch61, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.82
Std Dev 17.97
Entry
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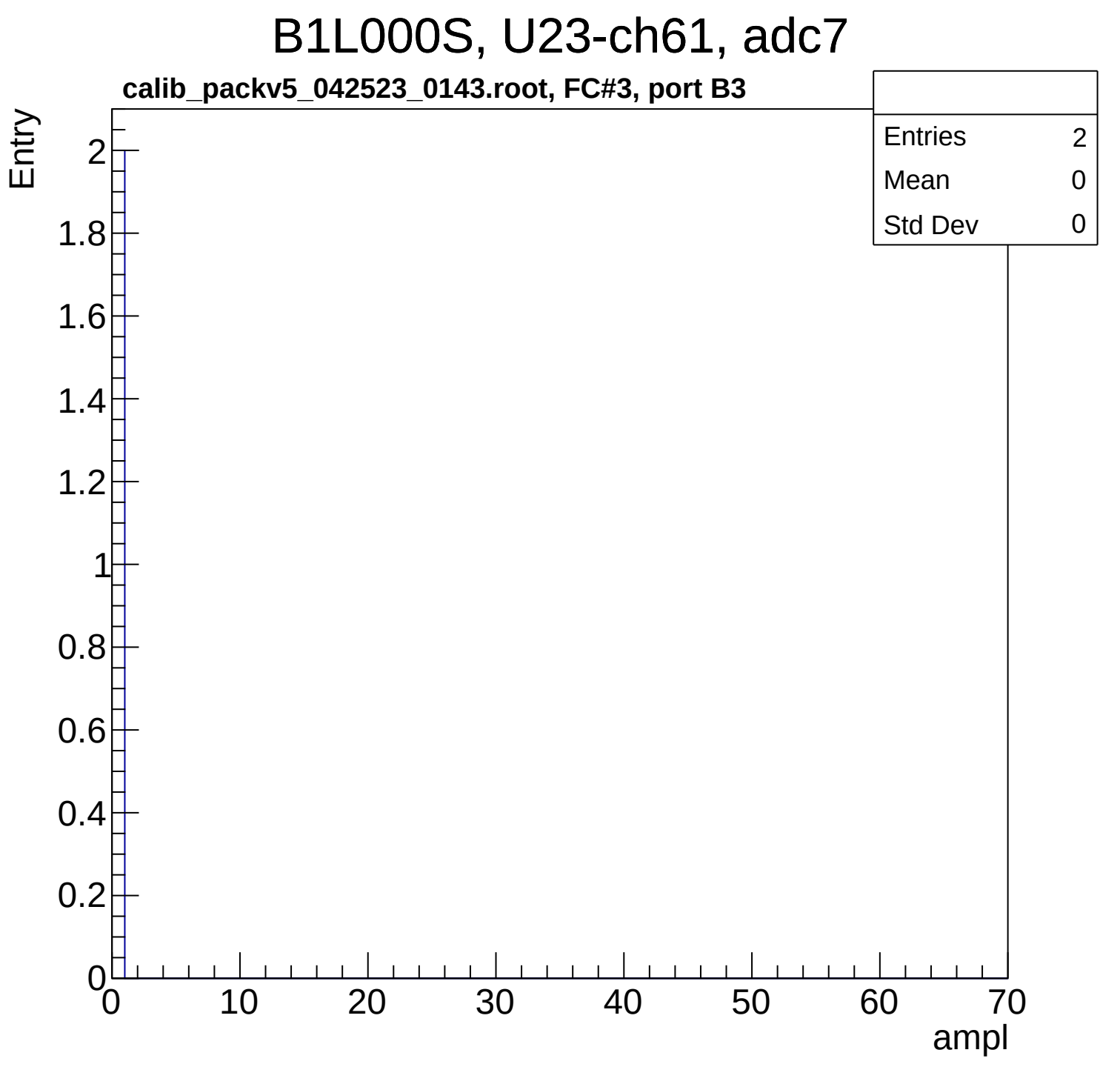
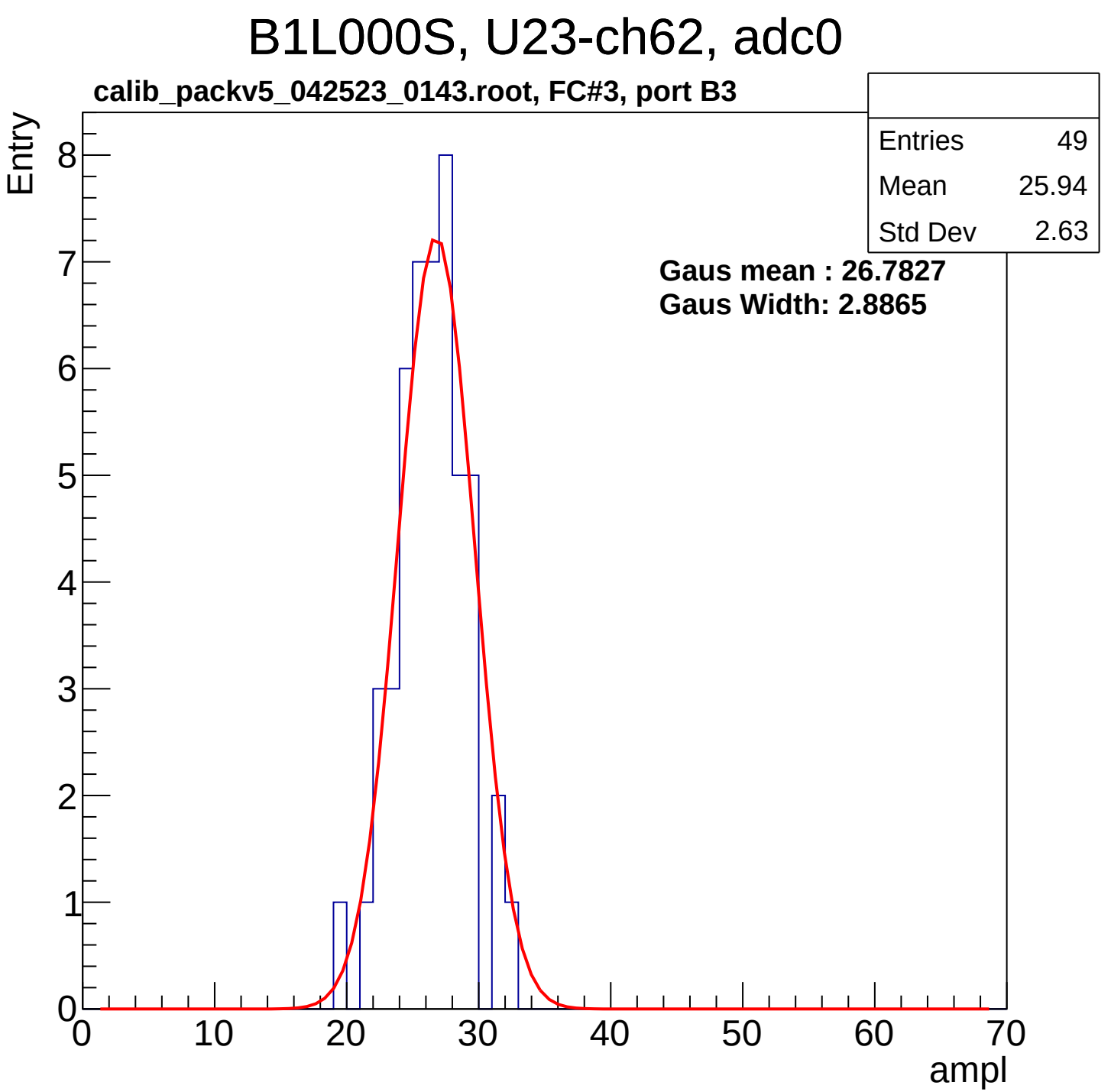
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch61, 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, U23-ch62, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 25.94
Std Dev 2.63
Gaus mean : 26.7827
Gaus Width: 2.8865
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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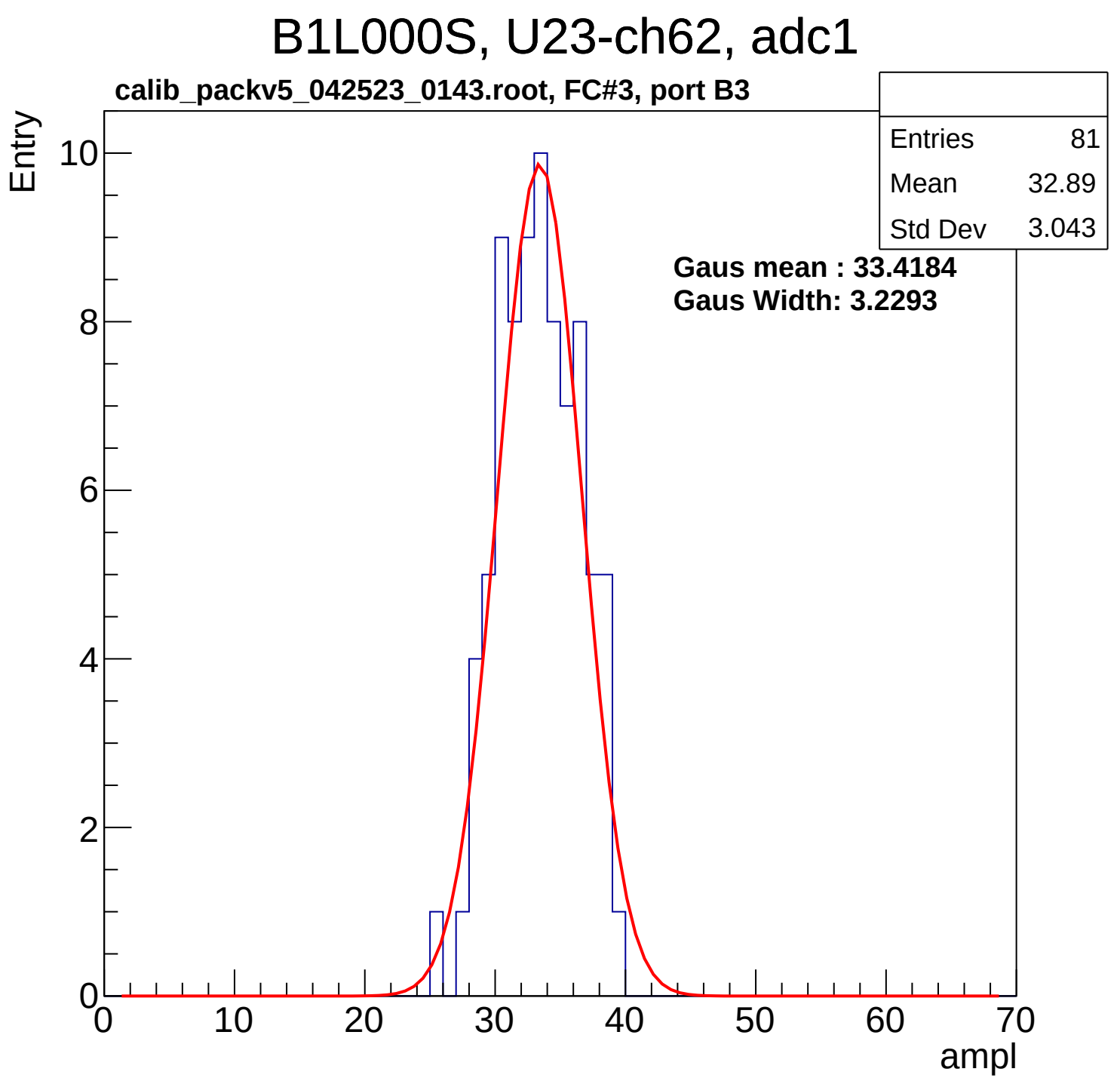
B1L000S, U23-ch62, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 32.89
Std Dev 3.043
Gaus mean : 33.4184
Gaus Width: 3.2293
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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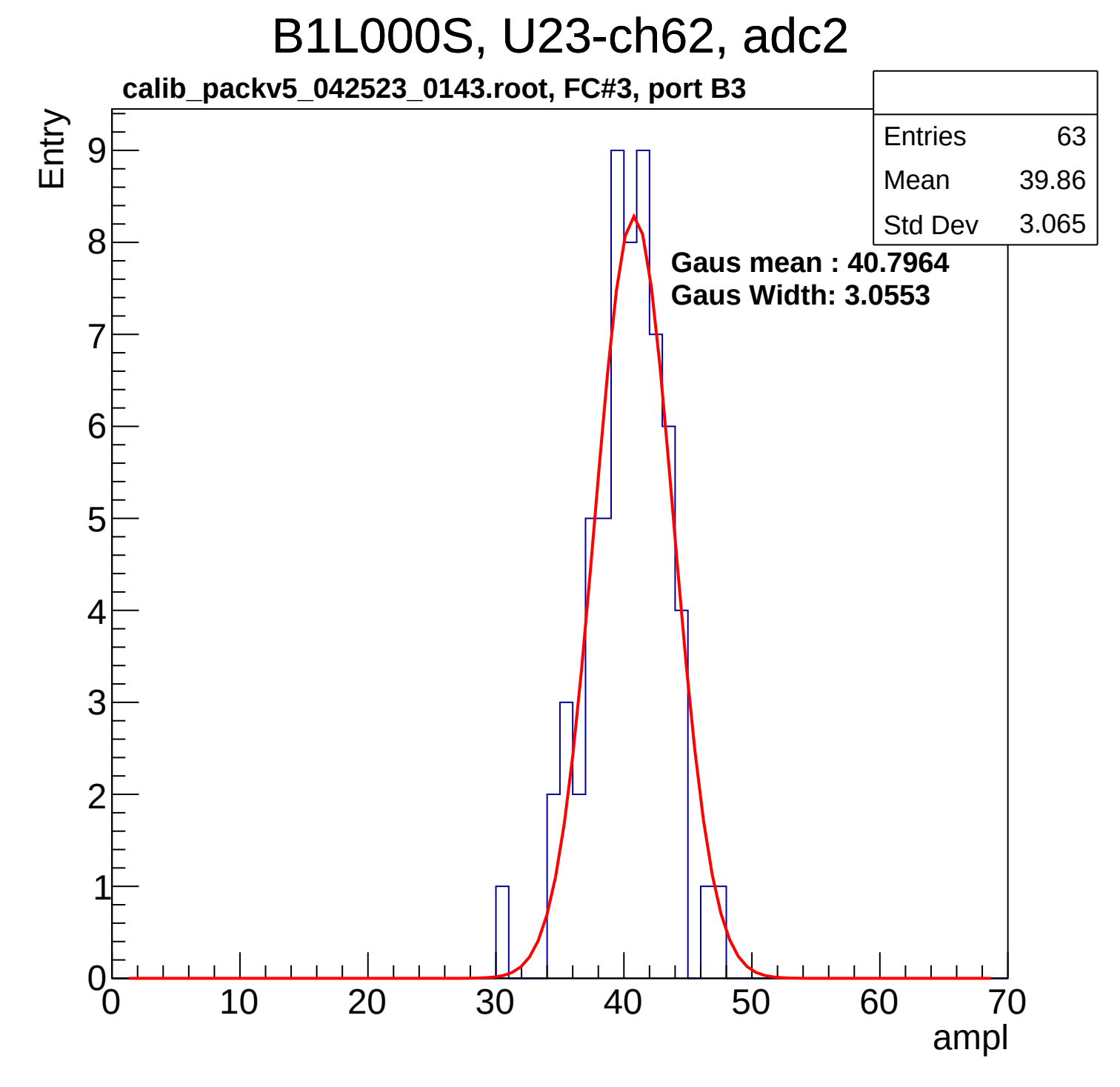
B1L000S, U23-ch62, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 39.86
Std Dev 3.065
Gaus mean : 40.7964
Gaus Width: 3.0553
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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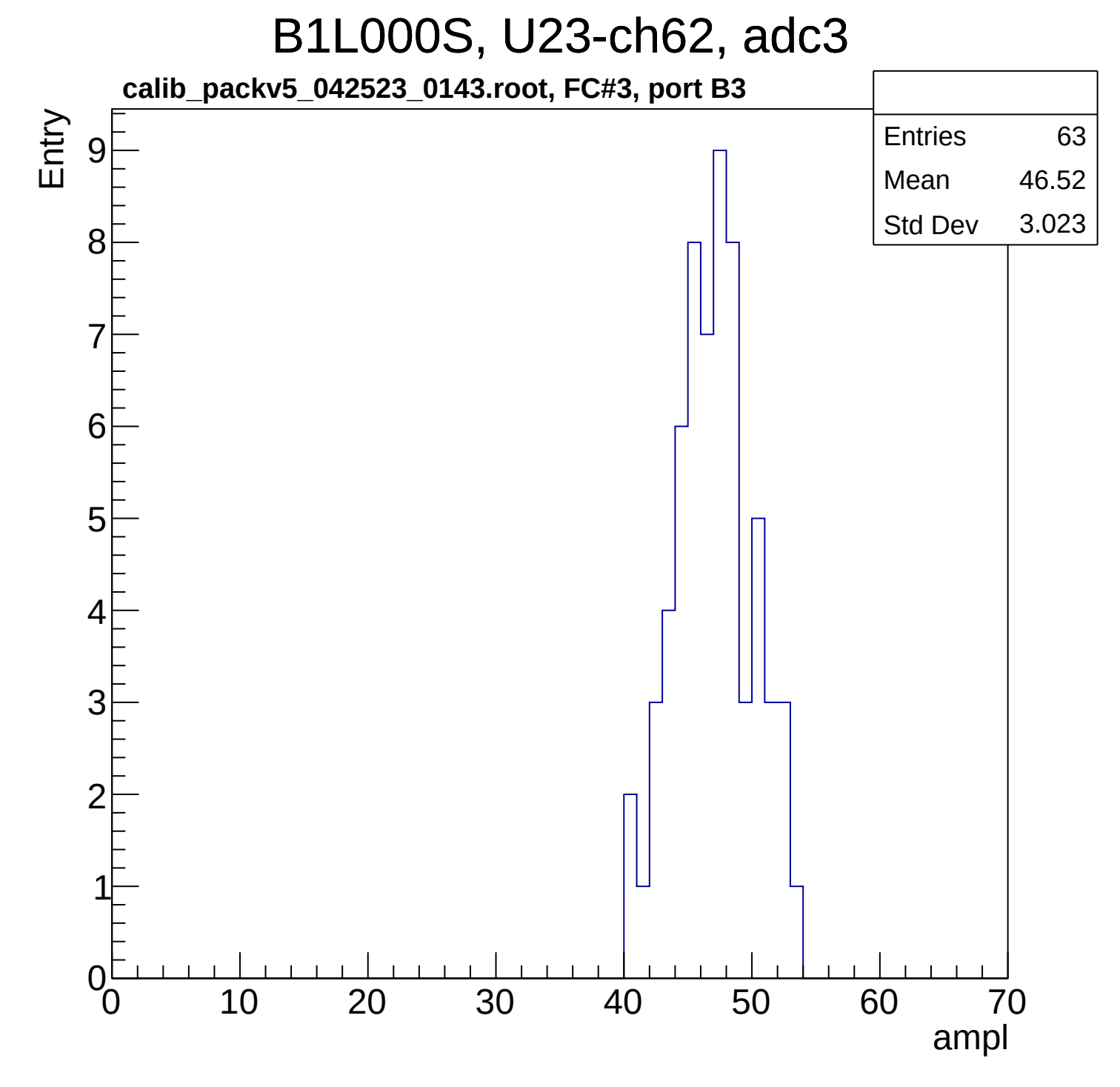
B1L000S, U23-ch62, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 46.52
Std Dev 3.023
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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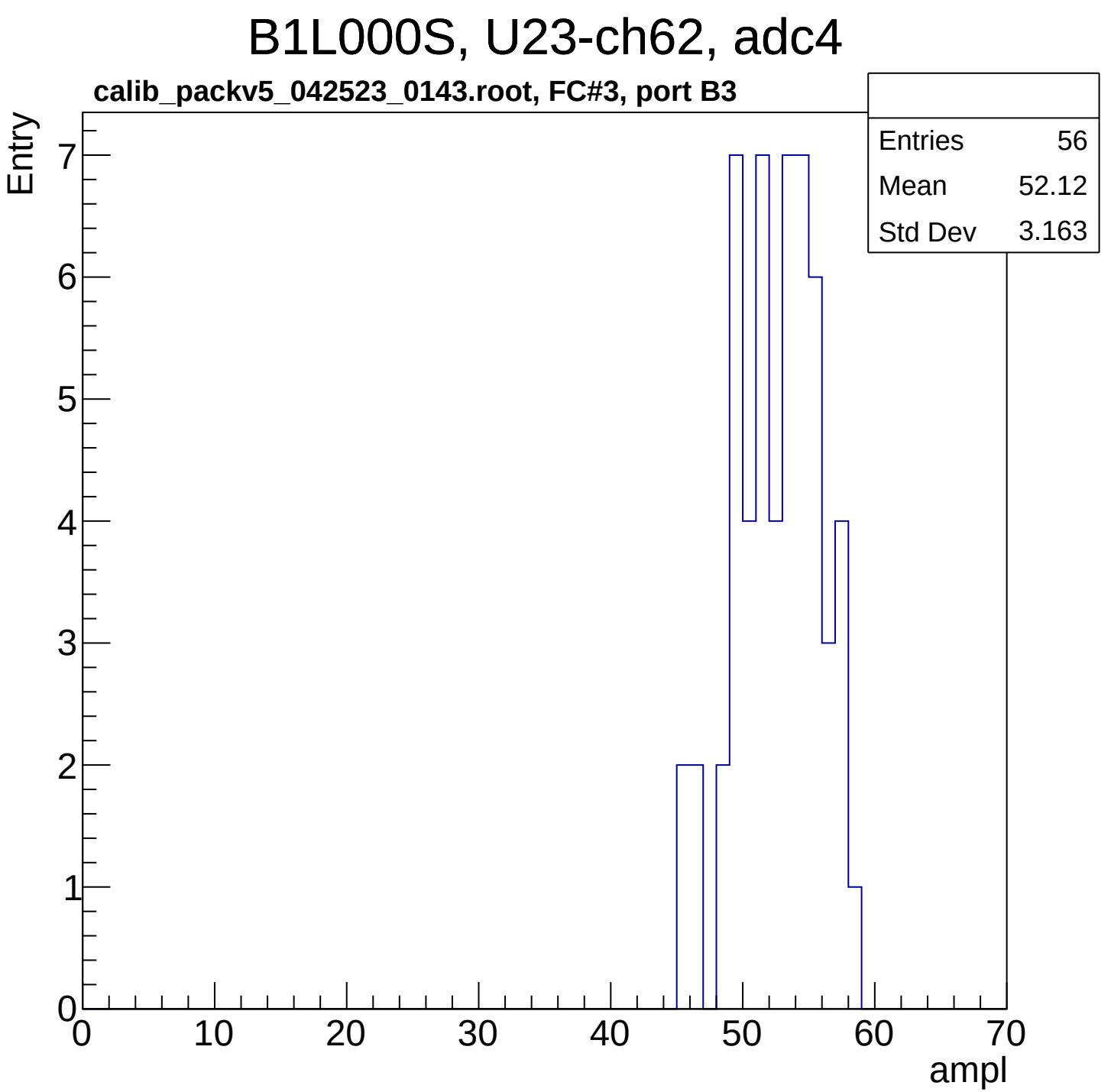
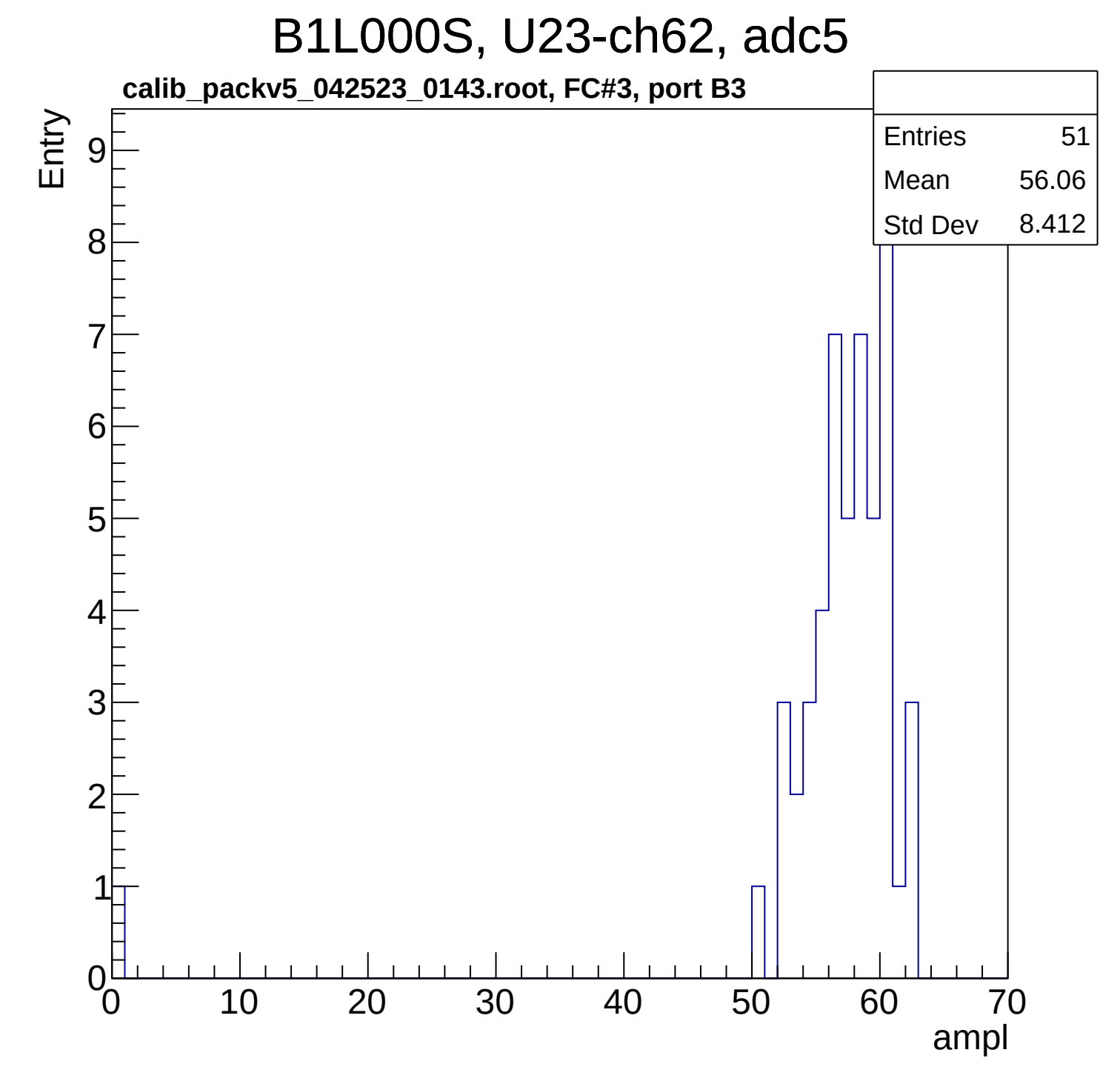

B1L000S, U23-ch62, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 52.12
Std Dev 3.163
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch62, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 56.06
Std Dev 8.412
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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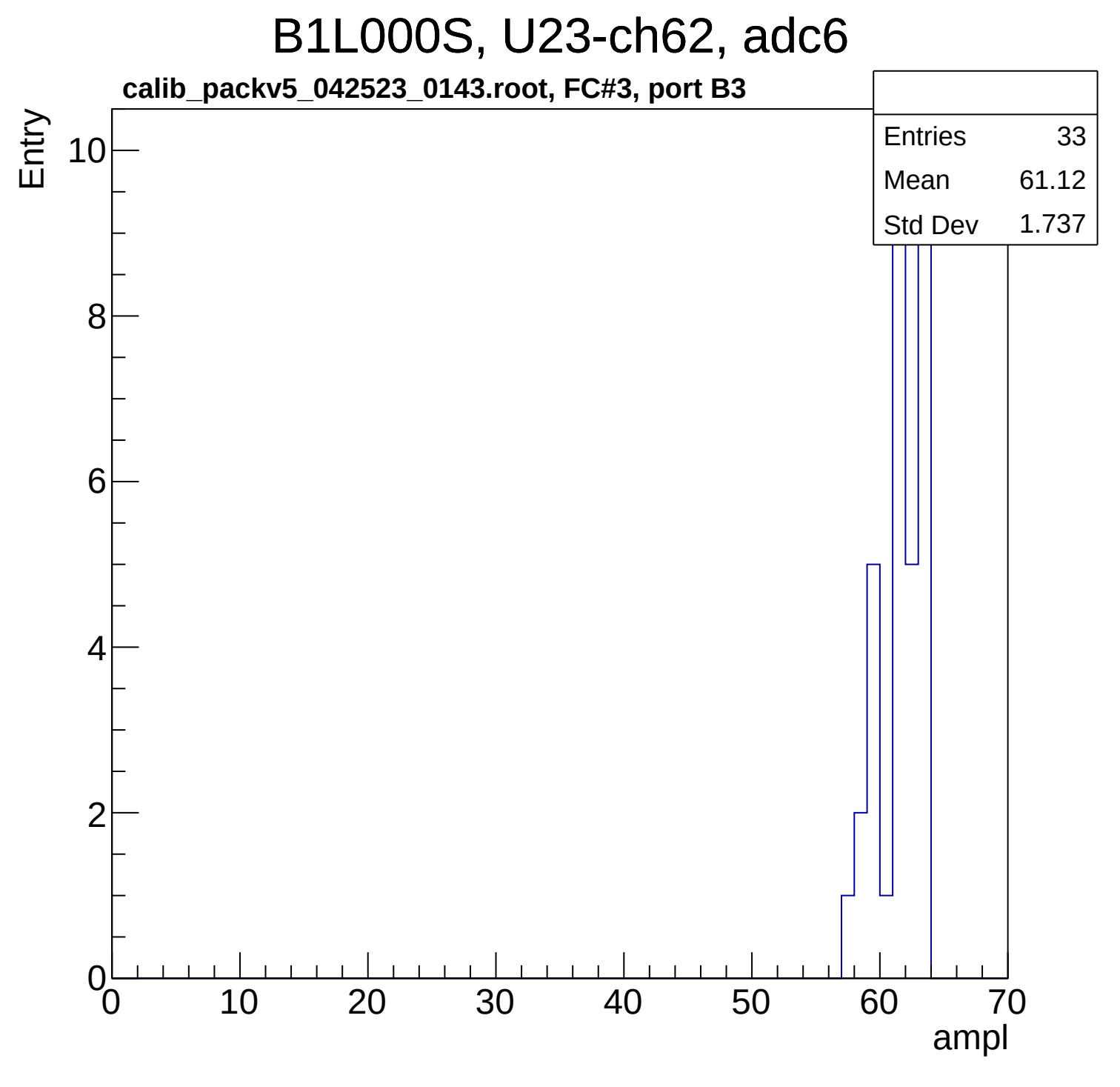
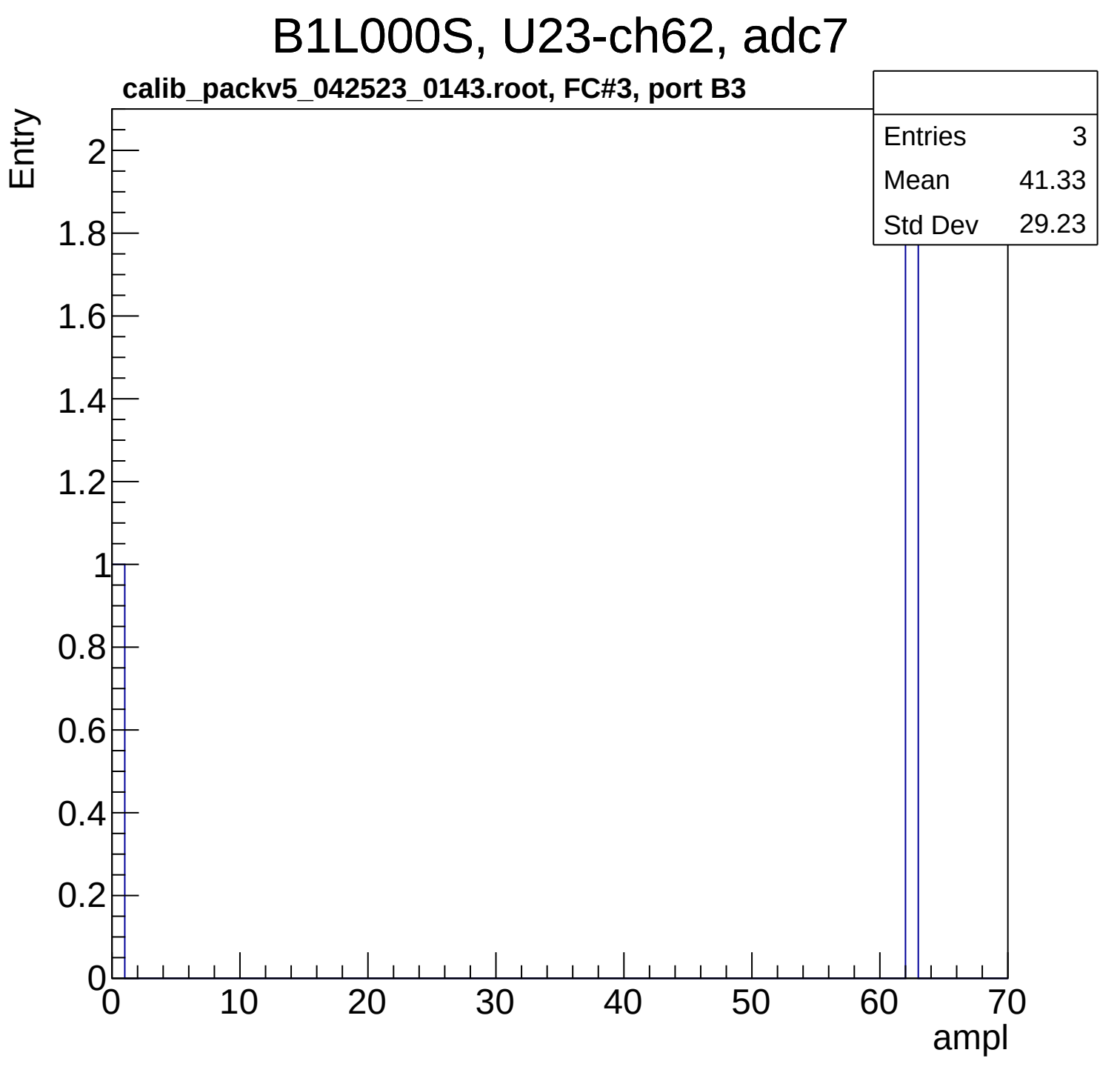

B1L000S, U23-ch62, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 33
Mean 61.12
Std Dev 1.737
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch62, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 41.33
Std Dev 29.23
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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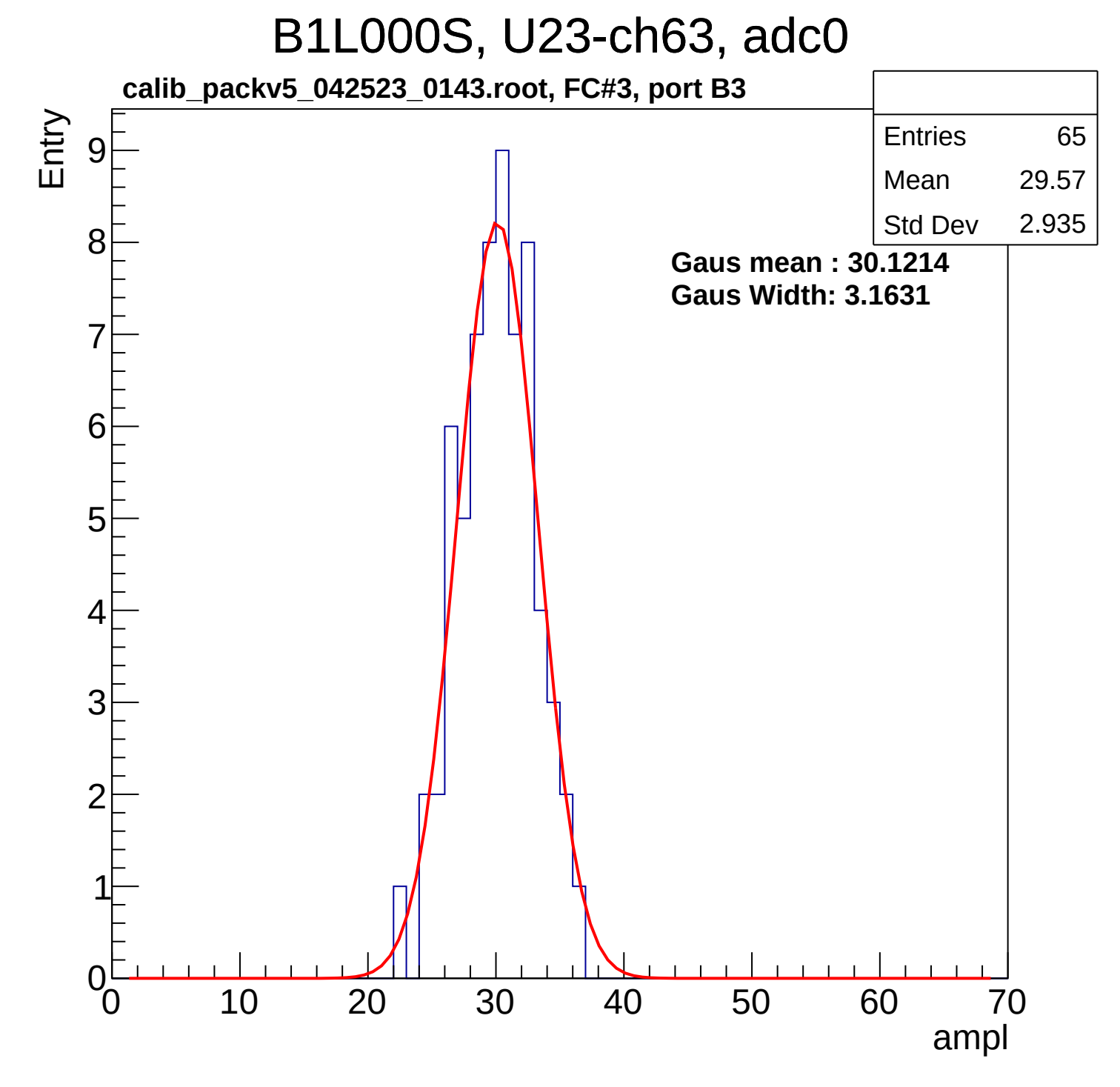
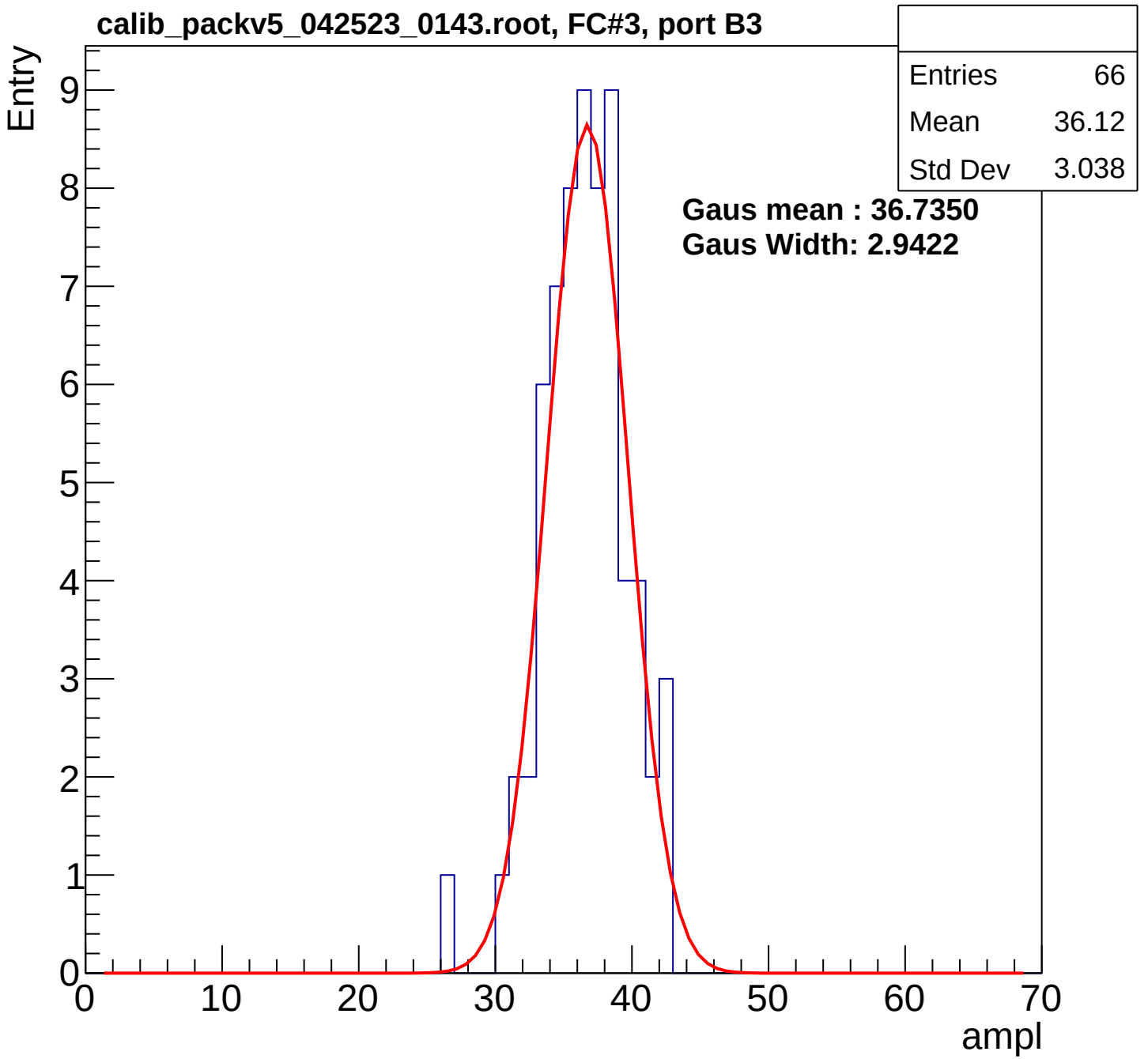

B1L000S, U23-ch63, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 29.57
Std Dev 2.935
Gaus mean : 30.1214
Gaus Width: 3.1631
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch63, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.12
Std Dev 3.038
Gaus mean : 36.7350
Gaus Width: 2.9422
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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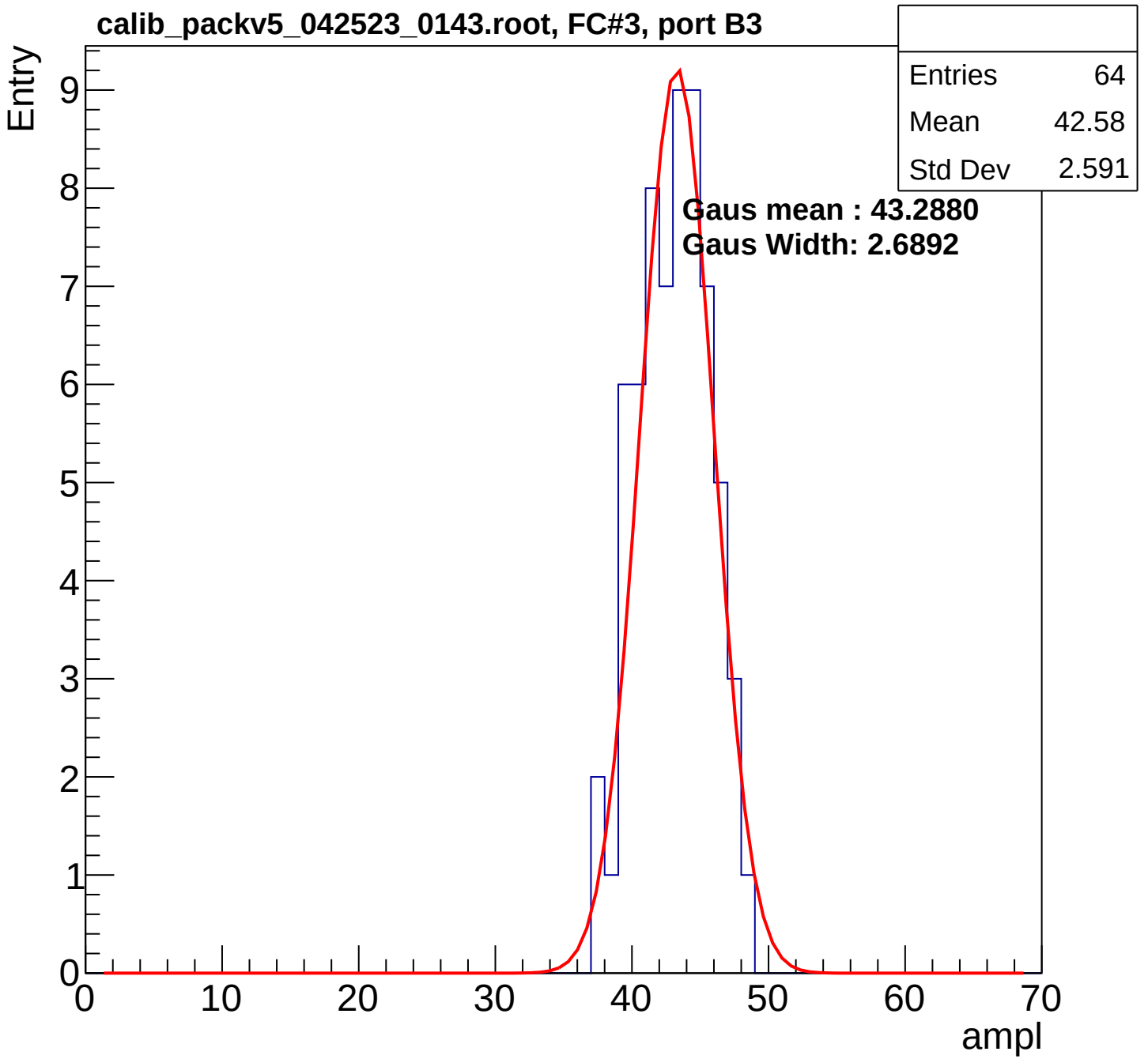
B1L000S, U23-ch63, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 42.58
Std Dev 2.591
Gaus mean : 43.2880
Gaus Width: 2.6892
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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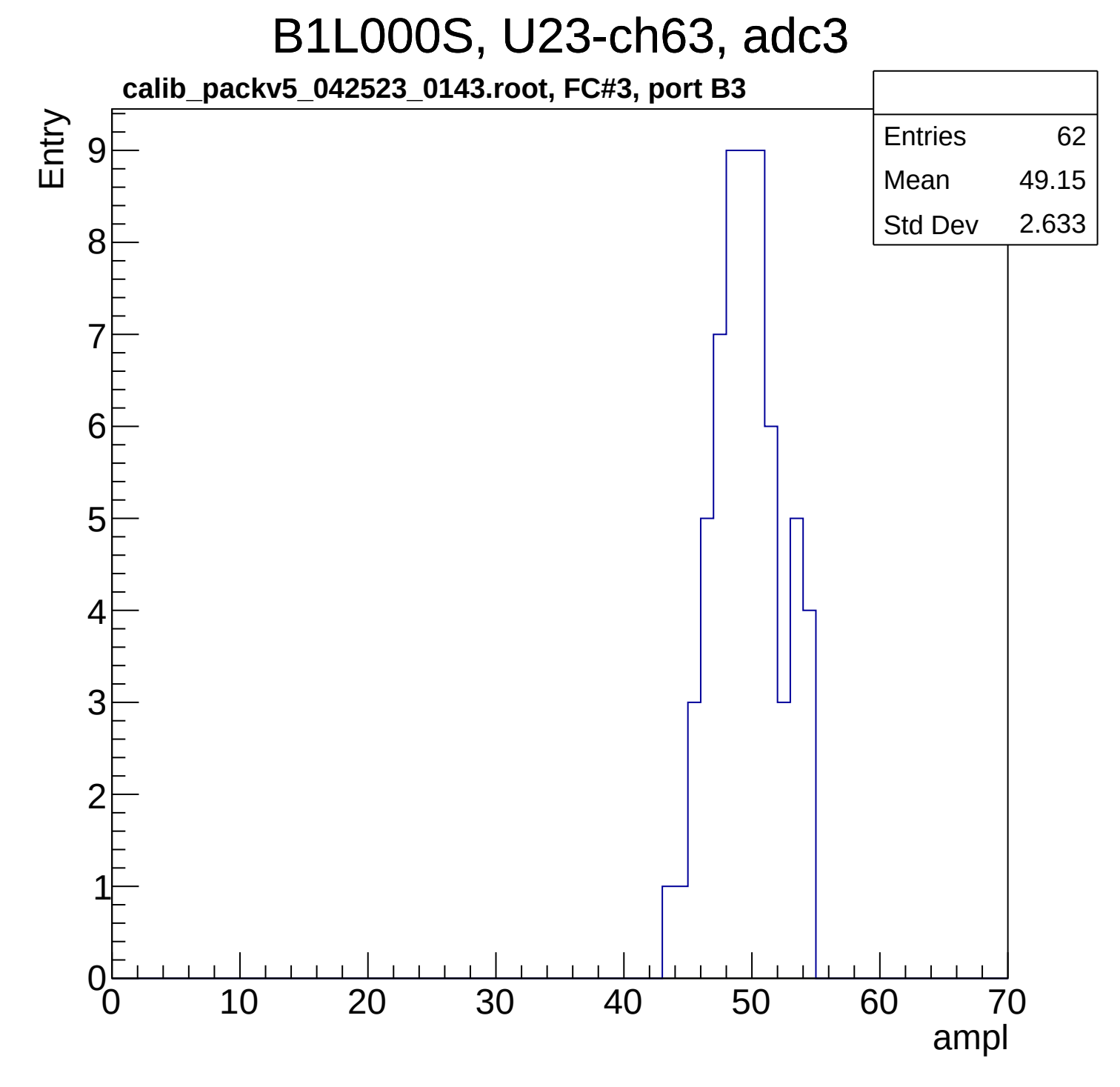
B1L000S, U23-ch63, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 49.15
Std Dev 2.633
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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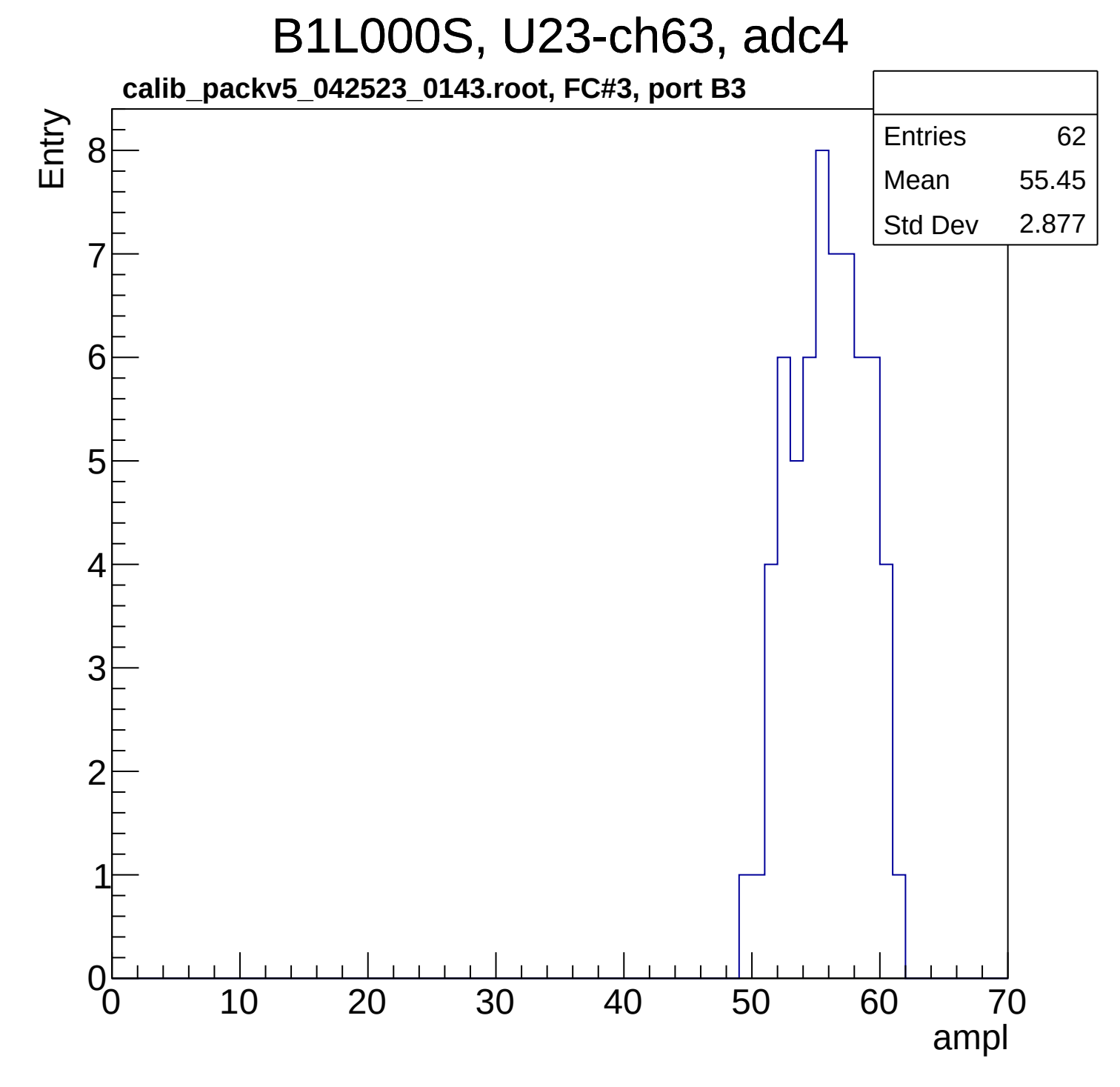
B1L000S, U23-ch63, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 55.45
Std Dev 2.877
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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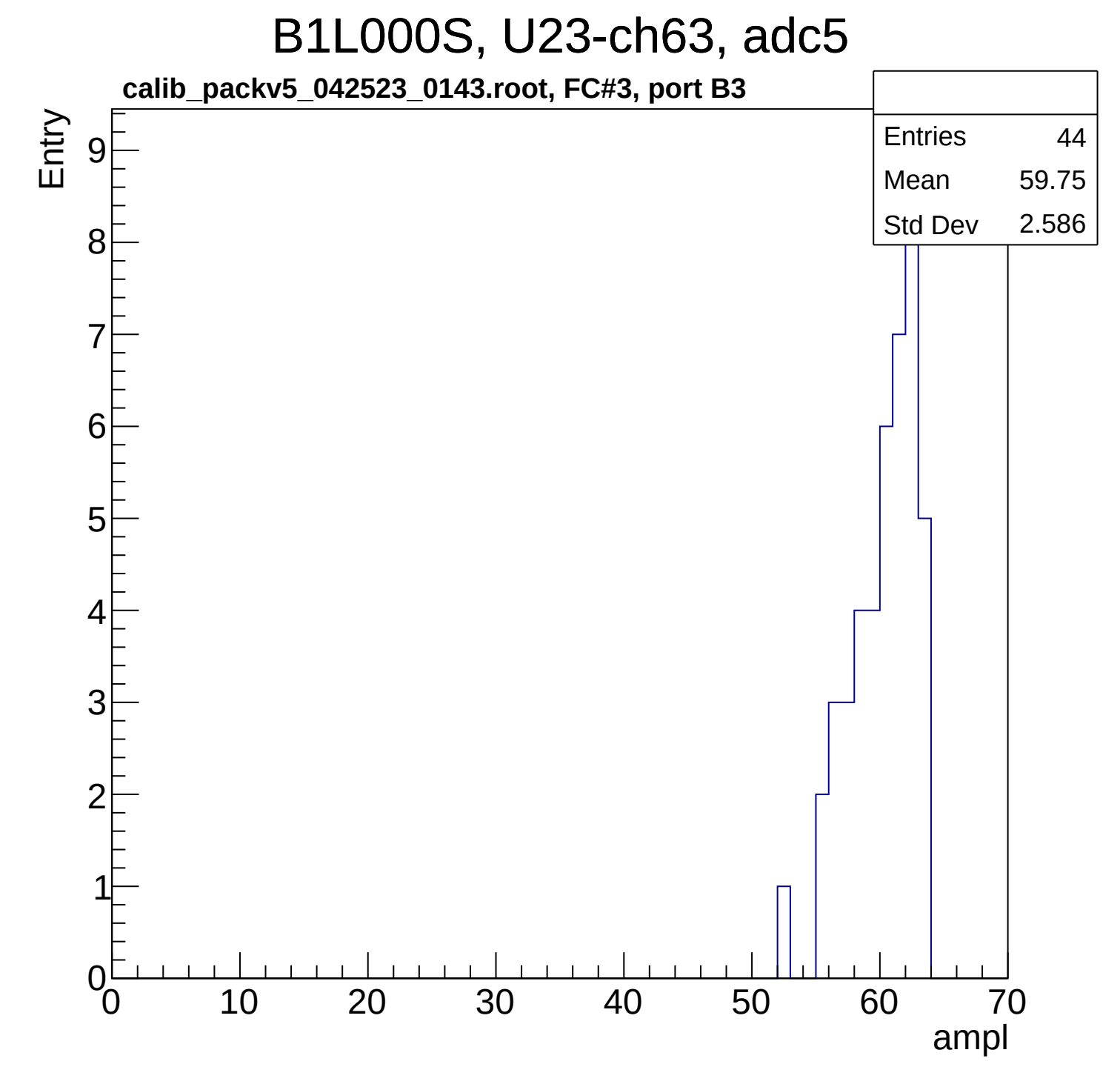
B1L000S, U23-ch63, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 59.75
Std Dev 2.586
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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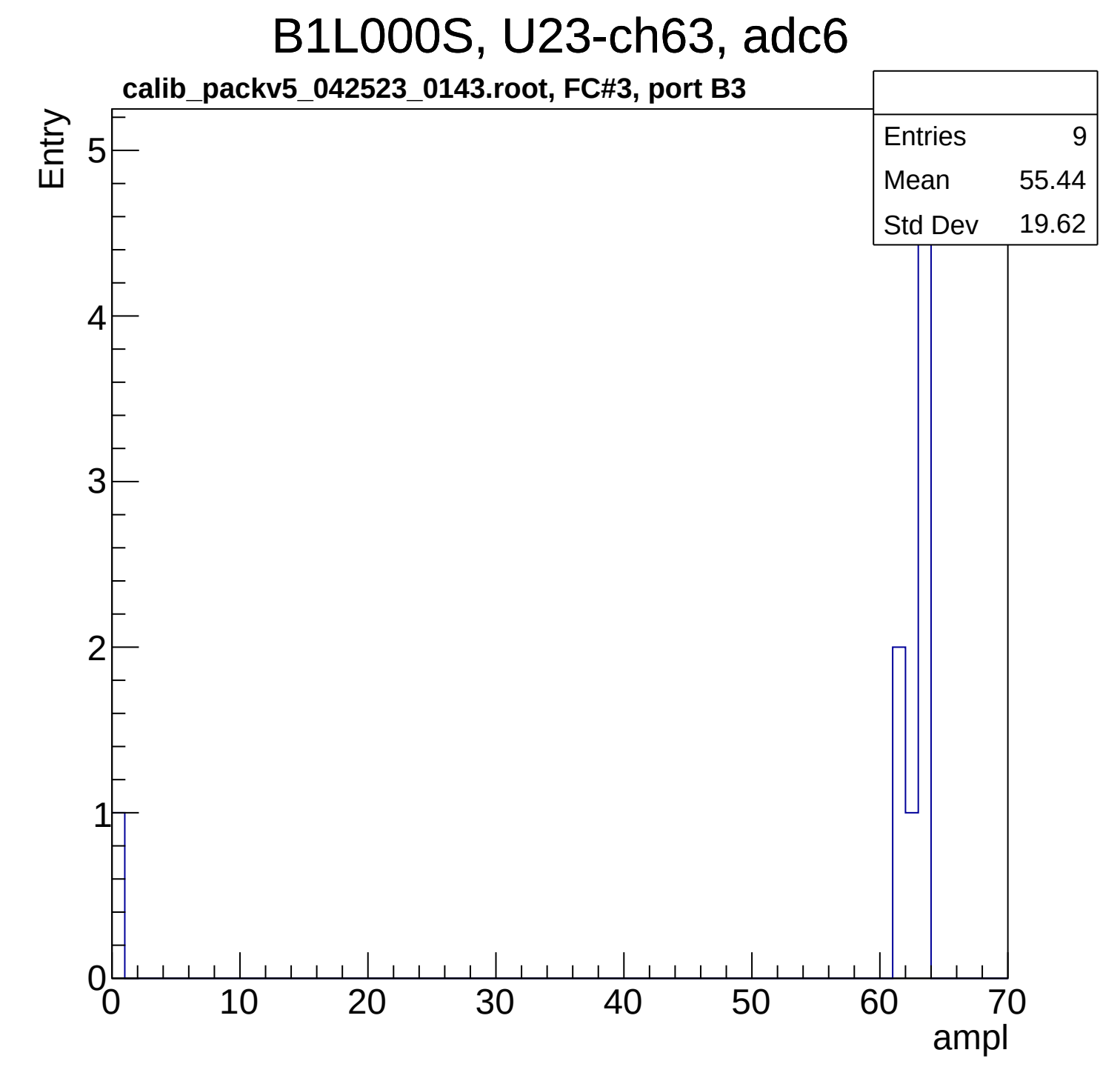
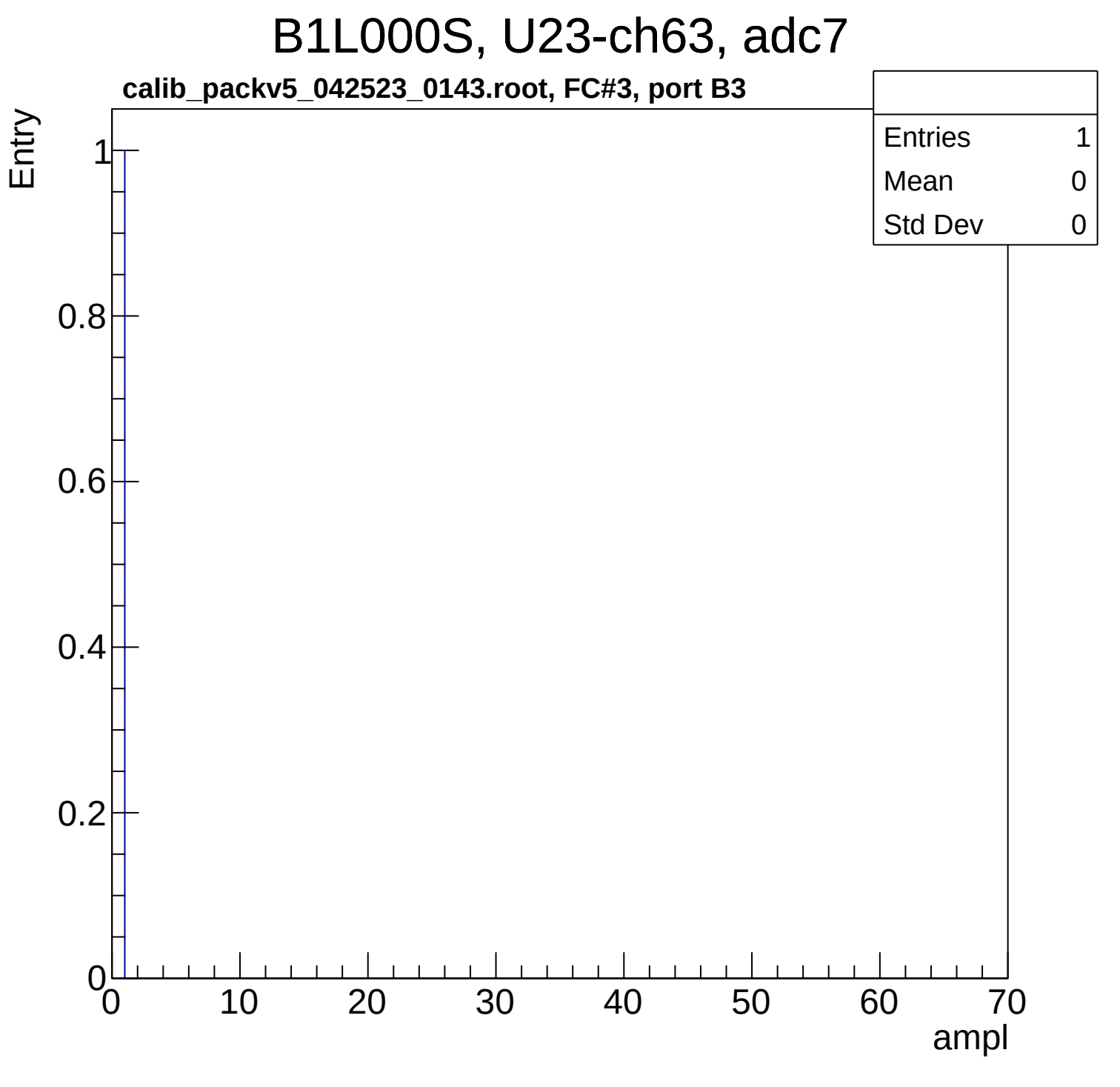

B1L000S, U23-ch63, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.44
Std Dev 19.62
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U23-ch63, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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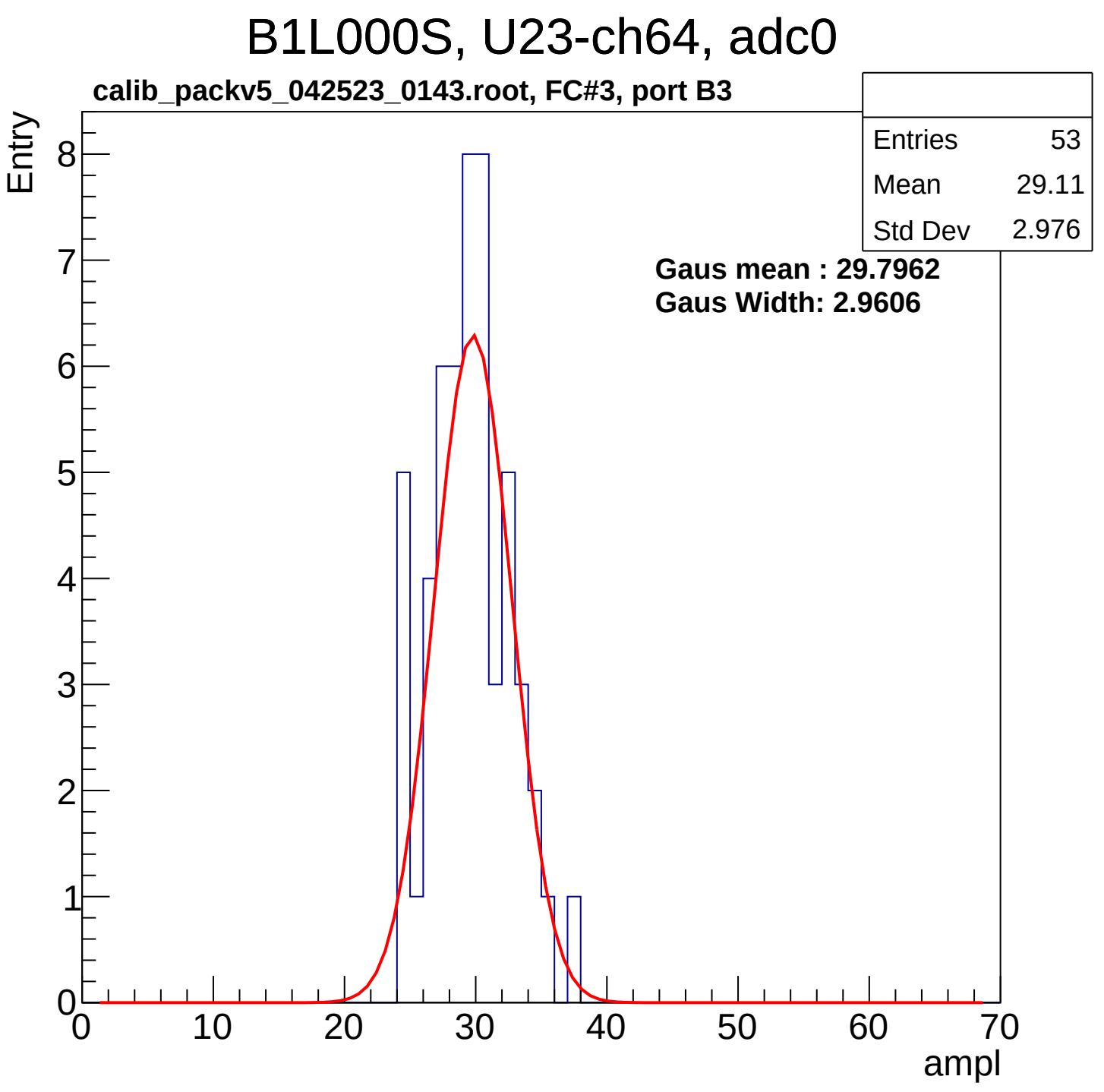
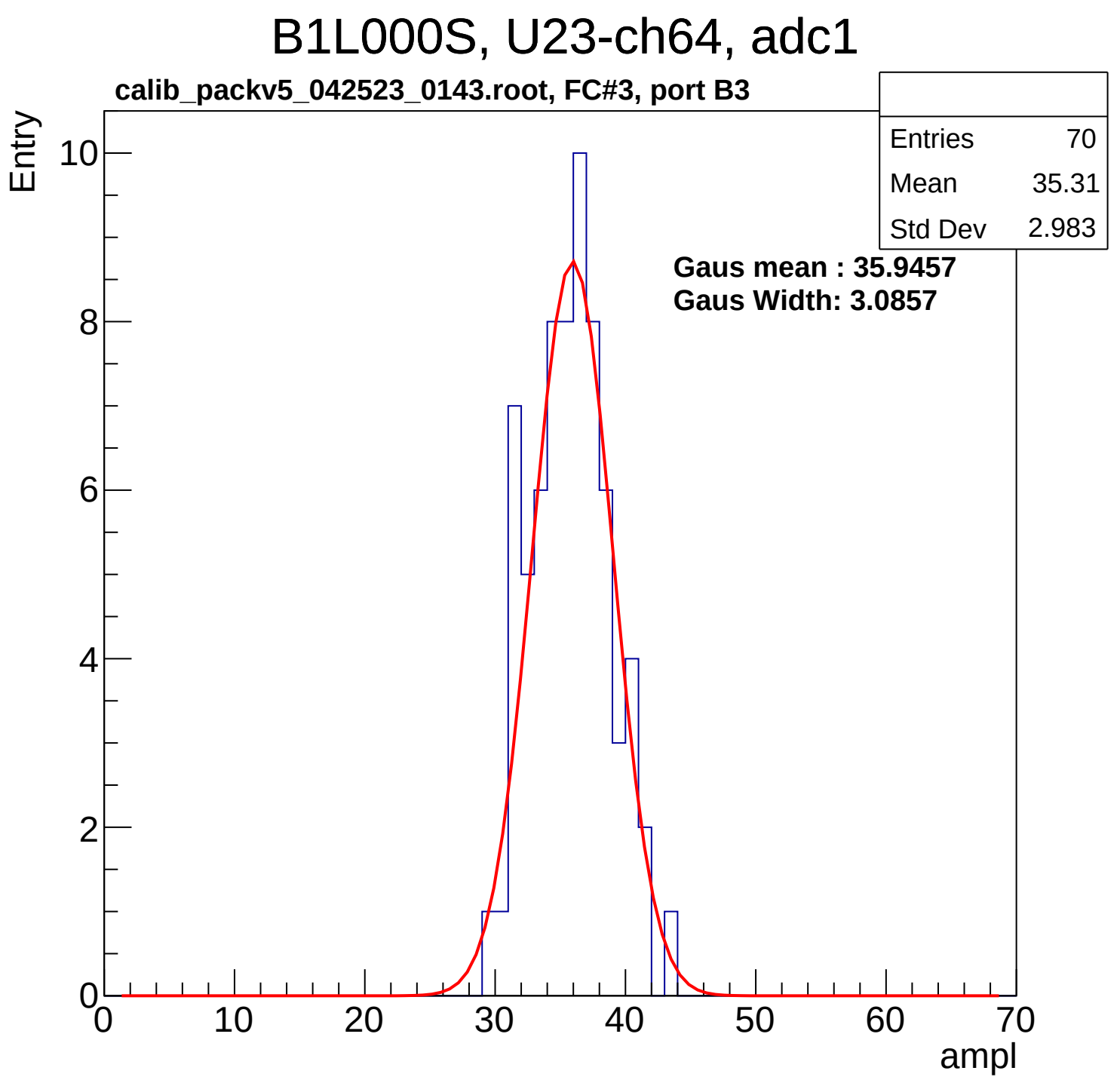
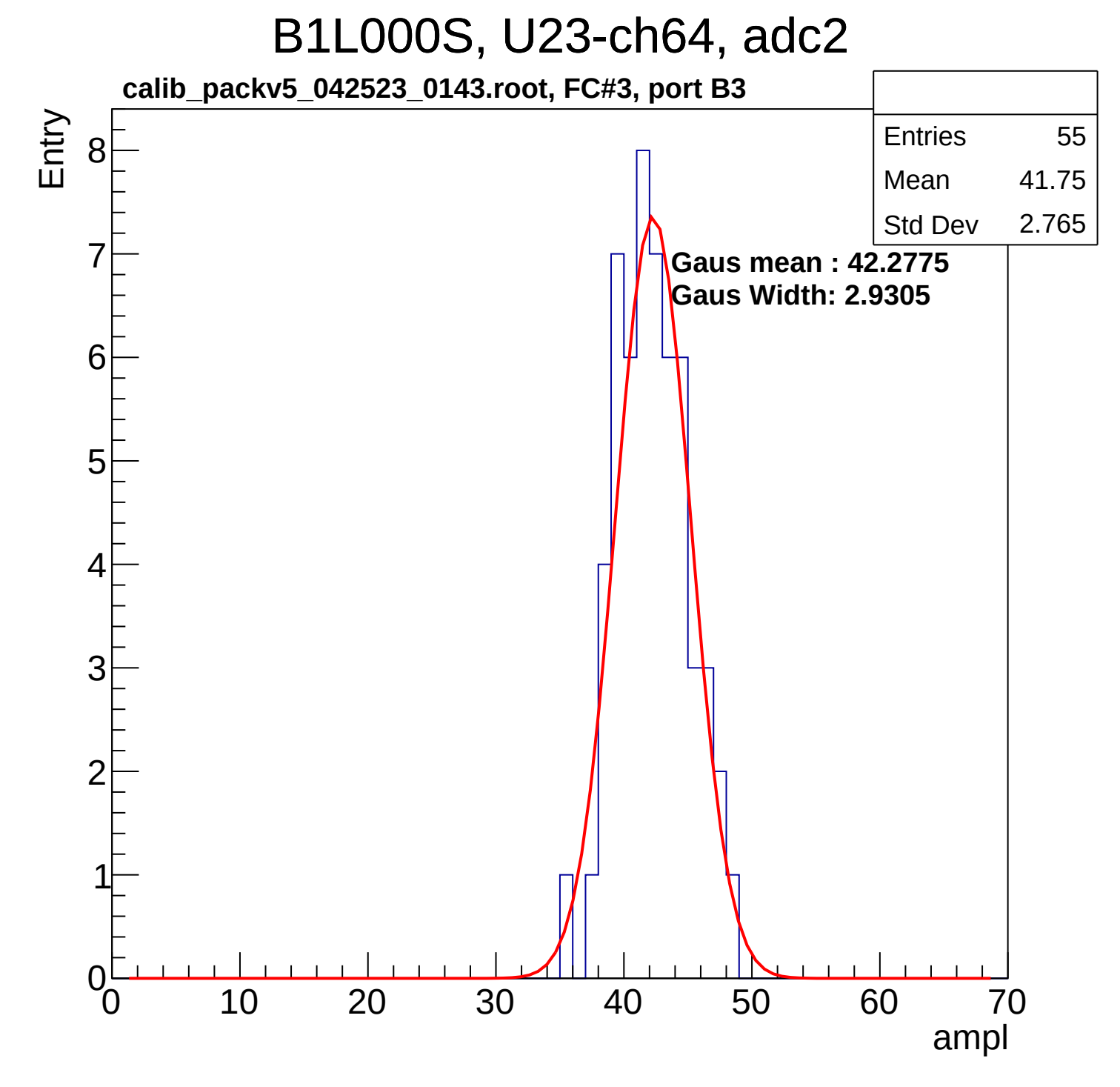
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch64, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 29.11
Std Dev 2.976
Gaus mean : 29.7962
Gaus Width: 2.9606
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch64, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.31
Std Dev 2.983
Gaus mean : 35.9457
Gaus Width: 3.0857
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch64, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.75
Std Dev 2.765
Gaus mean : 42.2775
Gaus Width: 2.9305
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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60
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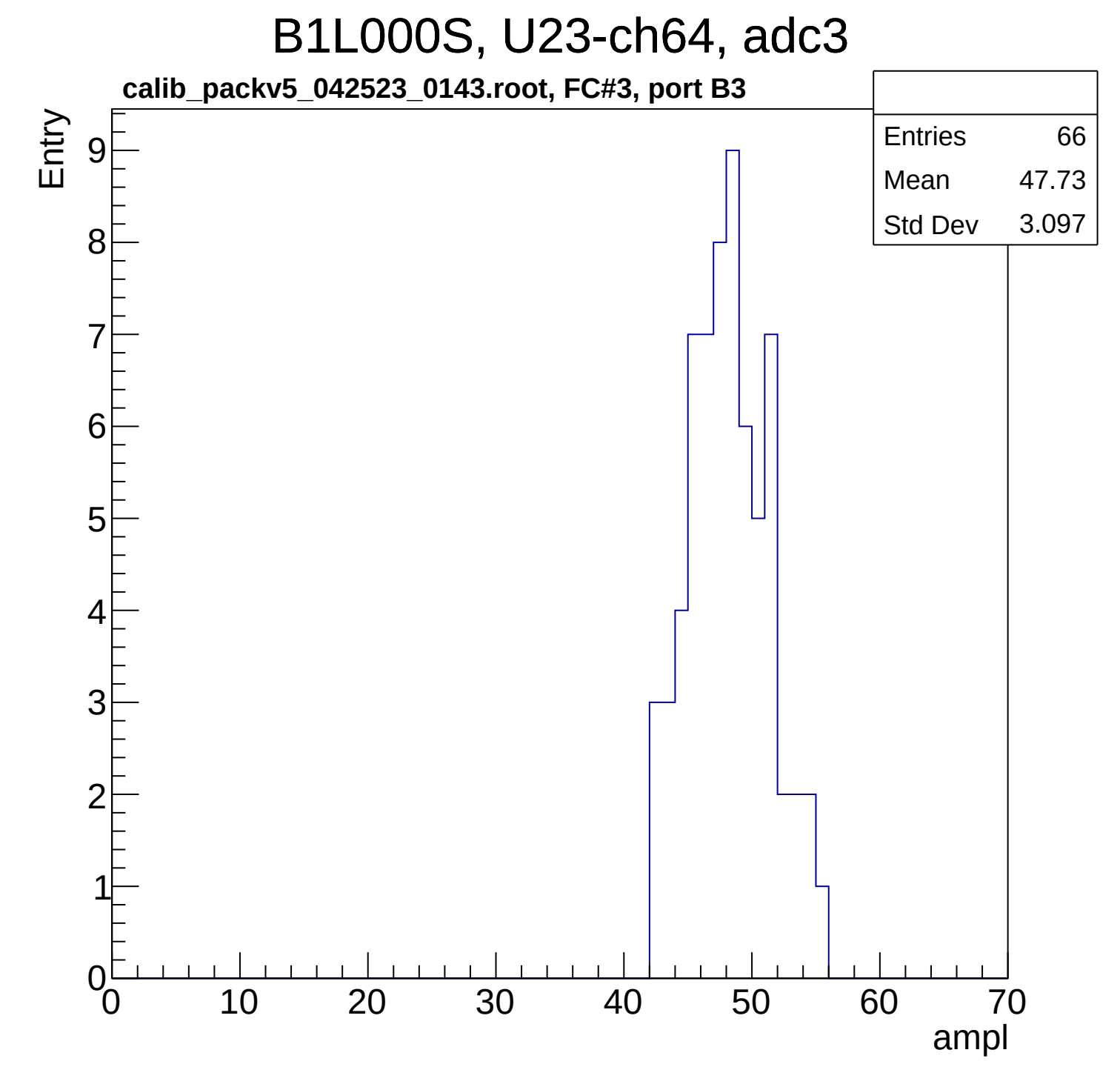
B1L000S, U23-ch64, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 47.73
Std Dev 3.097
Entry
ampl
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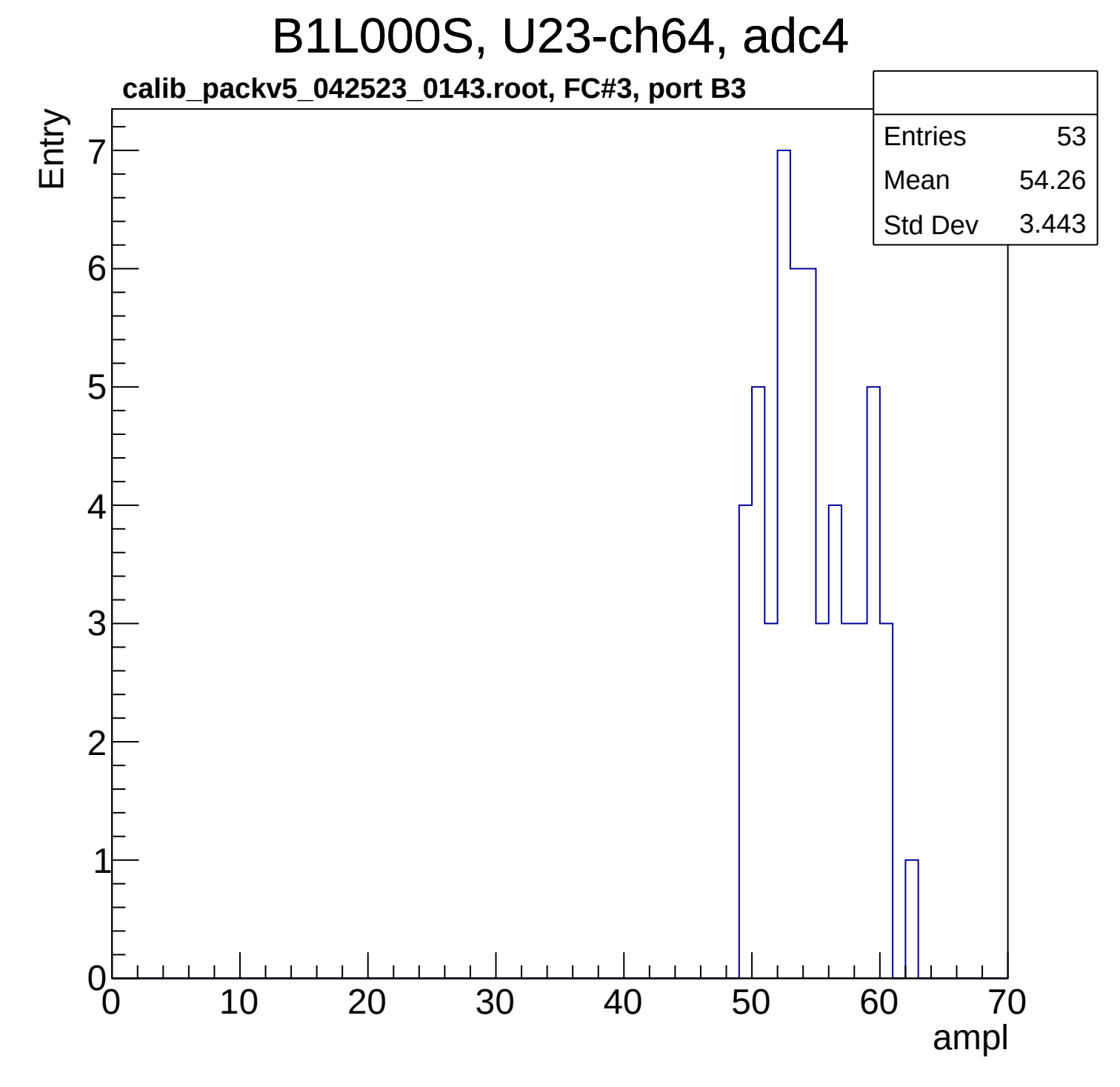
B1L000S, U23-ch64, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 54.26
Std Dev 3.443
Entry
ampl
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3
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6
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0
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60
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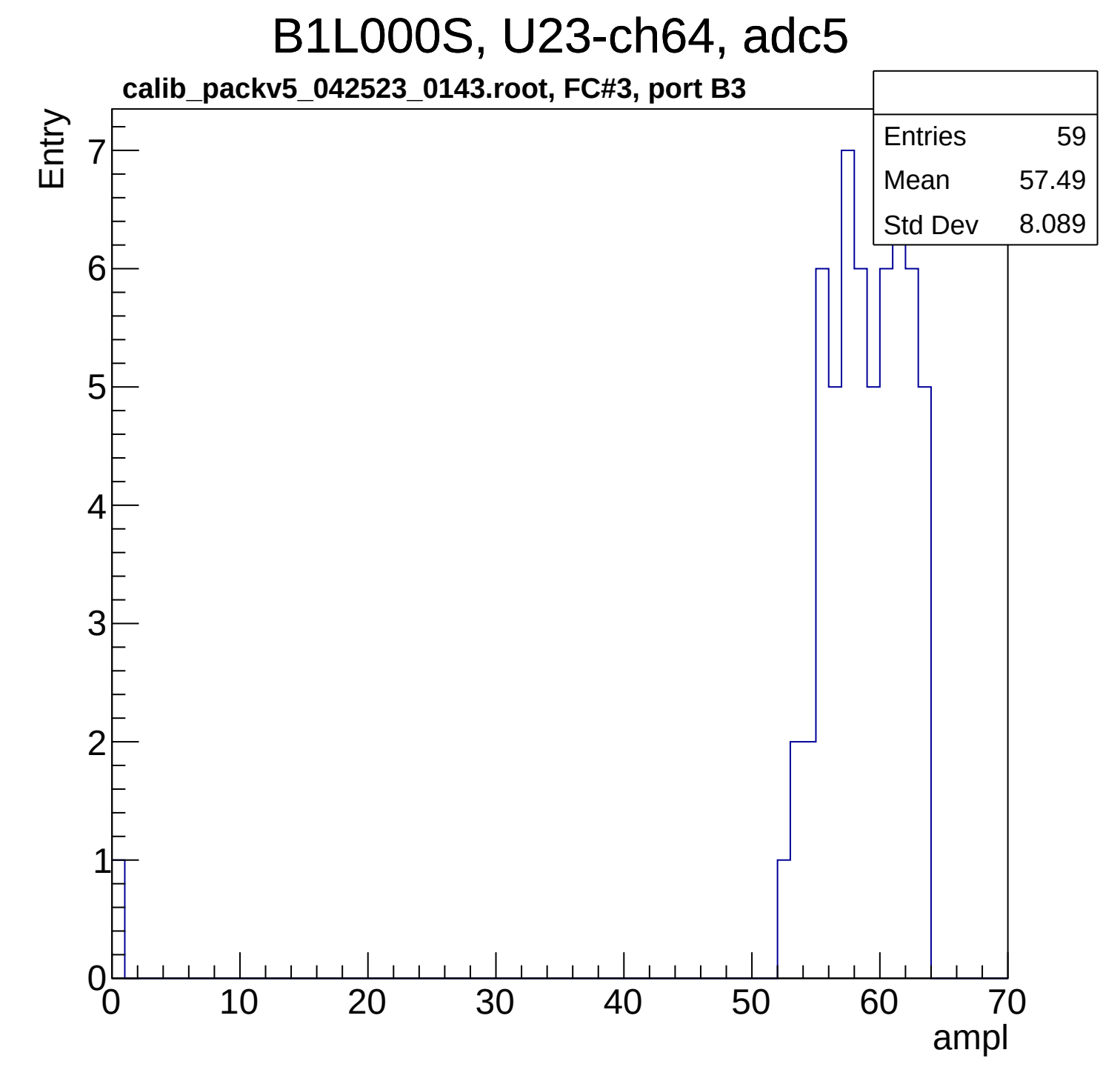
B1L000S, U23-ch64, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 57.49
Std Dev 8.089
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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60
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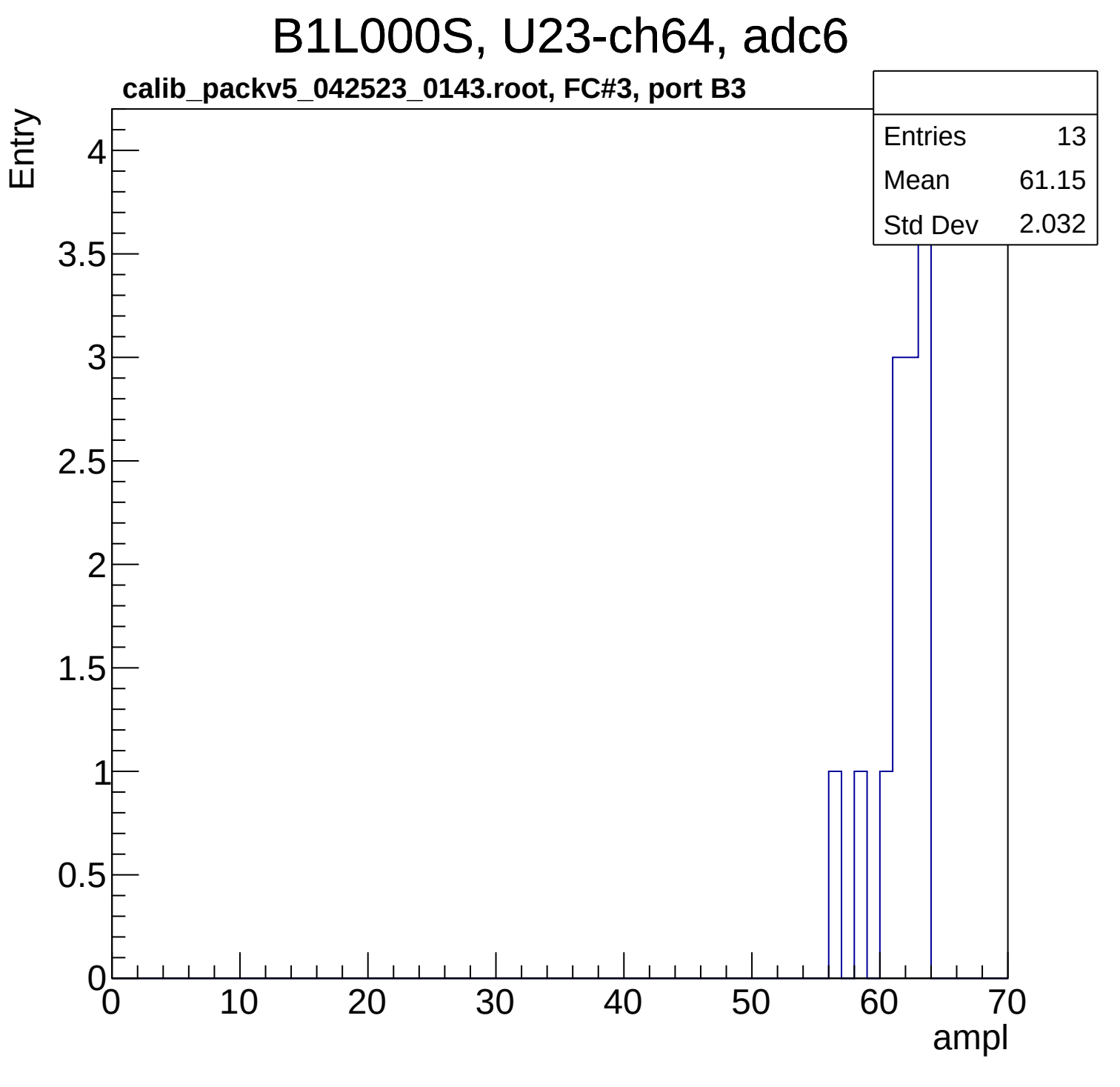
B1L000S, U23-ch64, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.15
Std Dev 2.032
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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60
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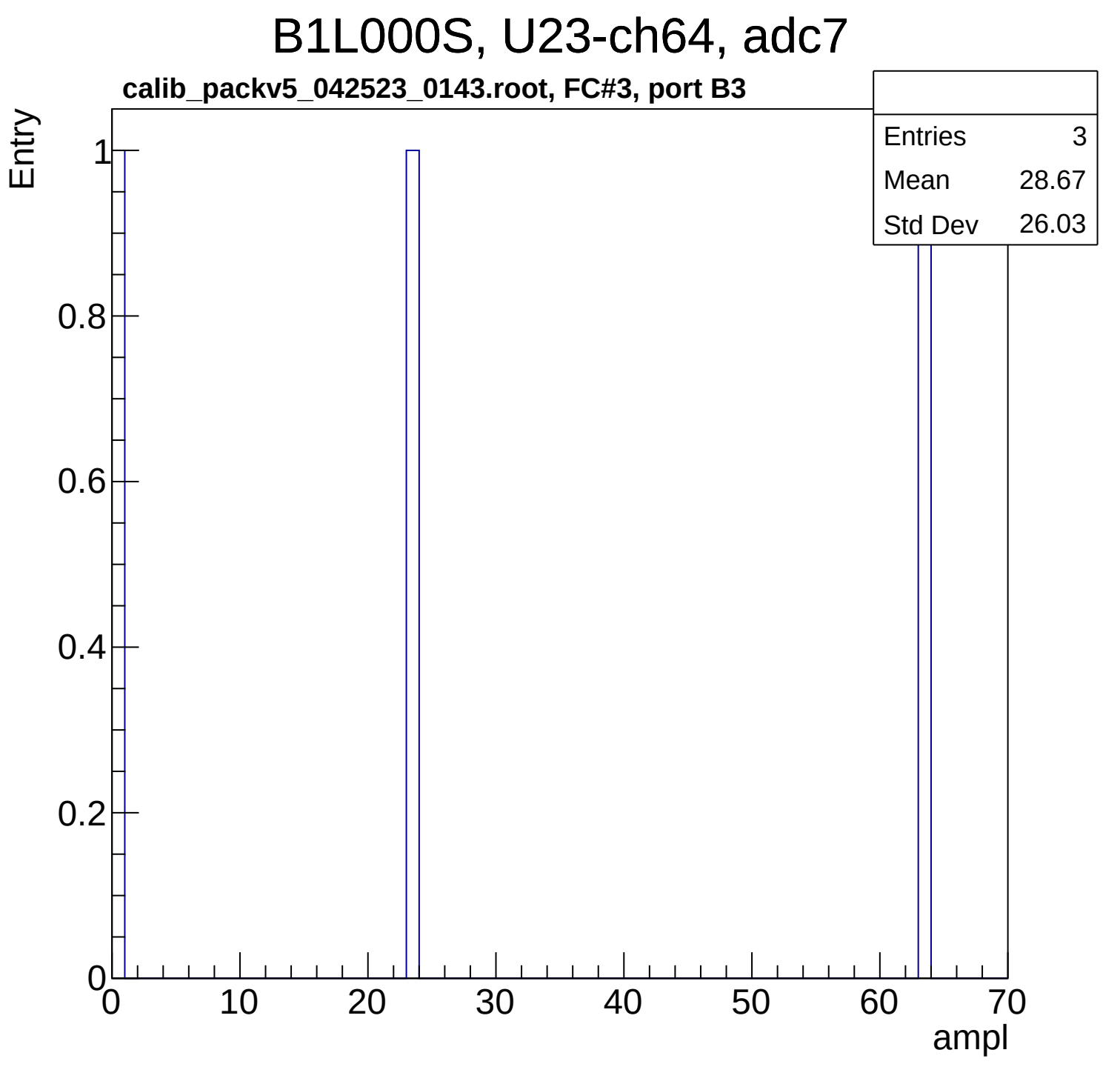
B1L000S, U23-ch64, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.67
Std Dev 26.03
Entry
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0.6
0.4
0.2
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0
10
20
30
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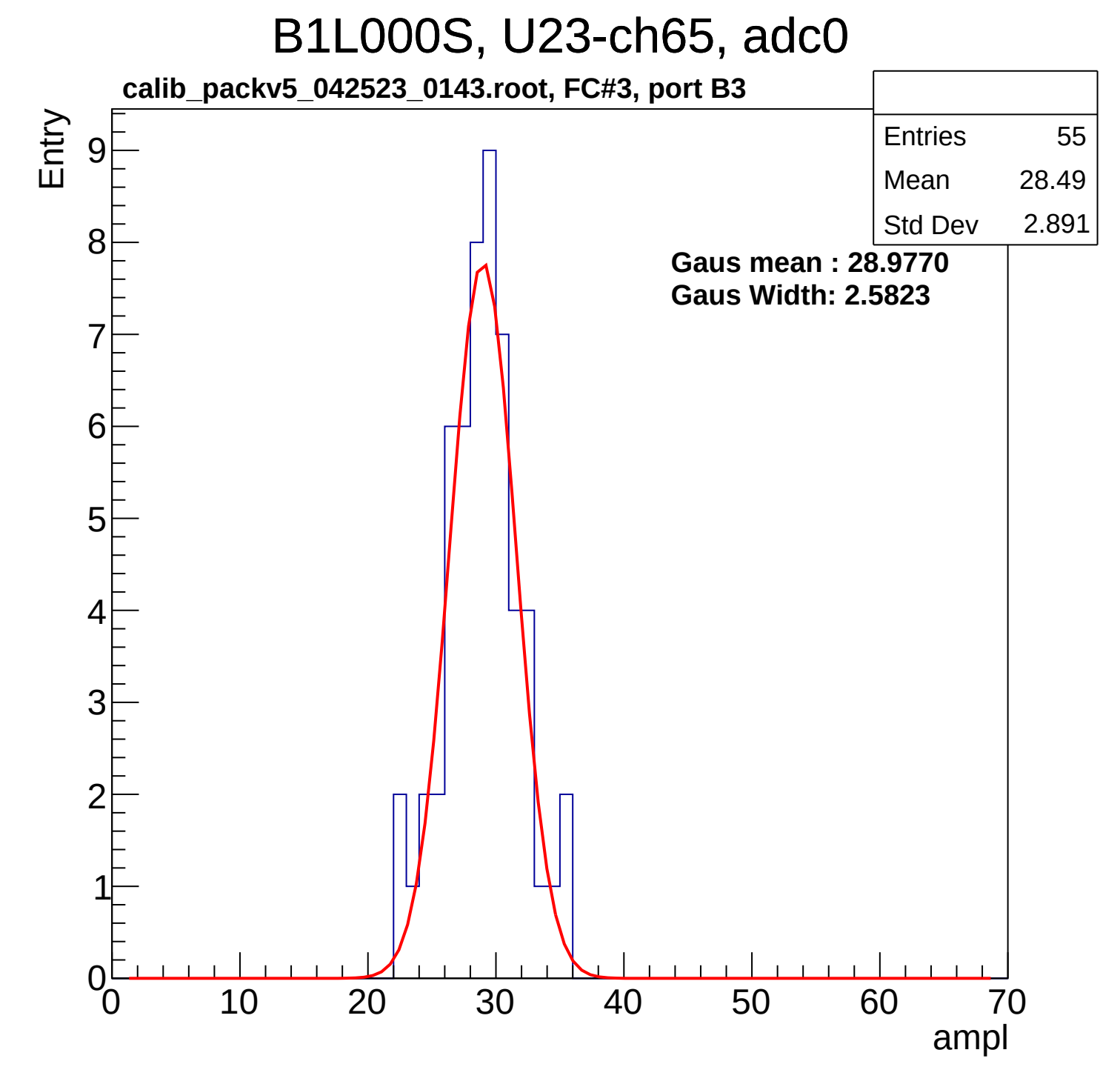
50
60
70
ampl


B1L000S, U23-ch65, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.49
Std Dev 2.891
Gaus mean : 28.9770
Gaus Width: 2.5823
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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40
50
60
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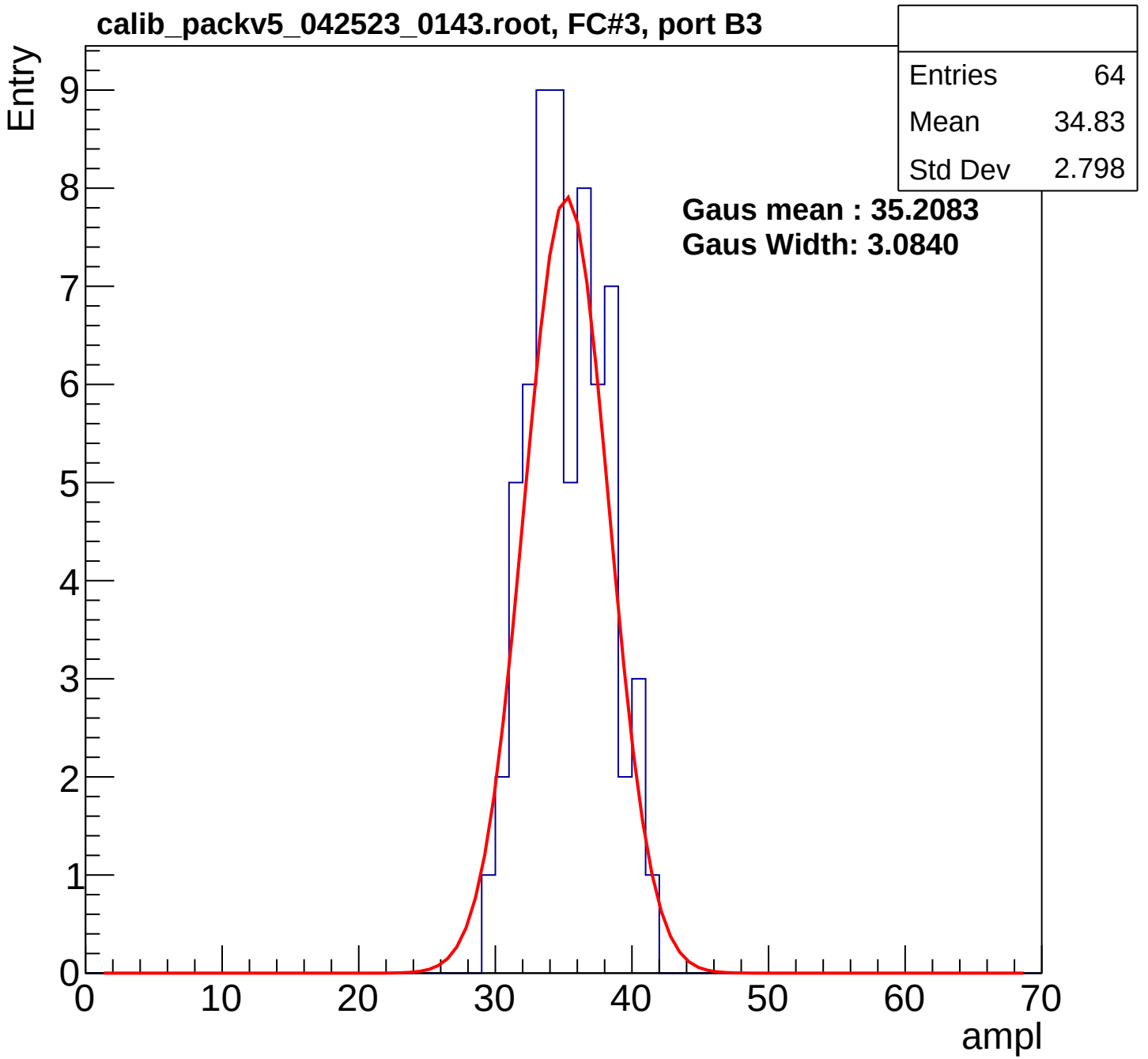
B1L000S, U23-ch65, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 34.83
Std Dev 2.798
Gaus mean : 35.2083
Gaus Width: 3.0840
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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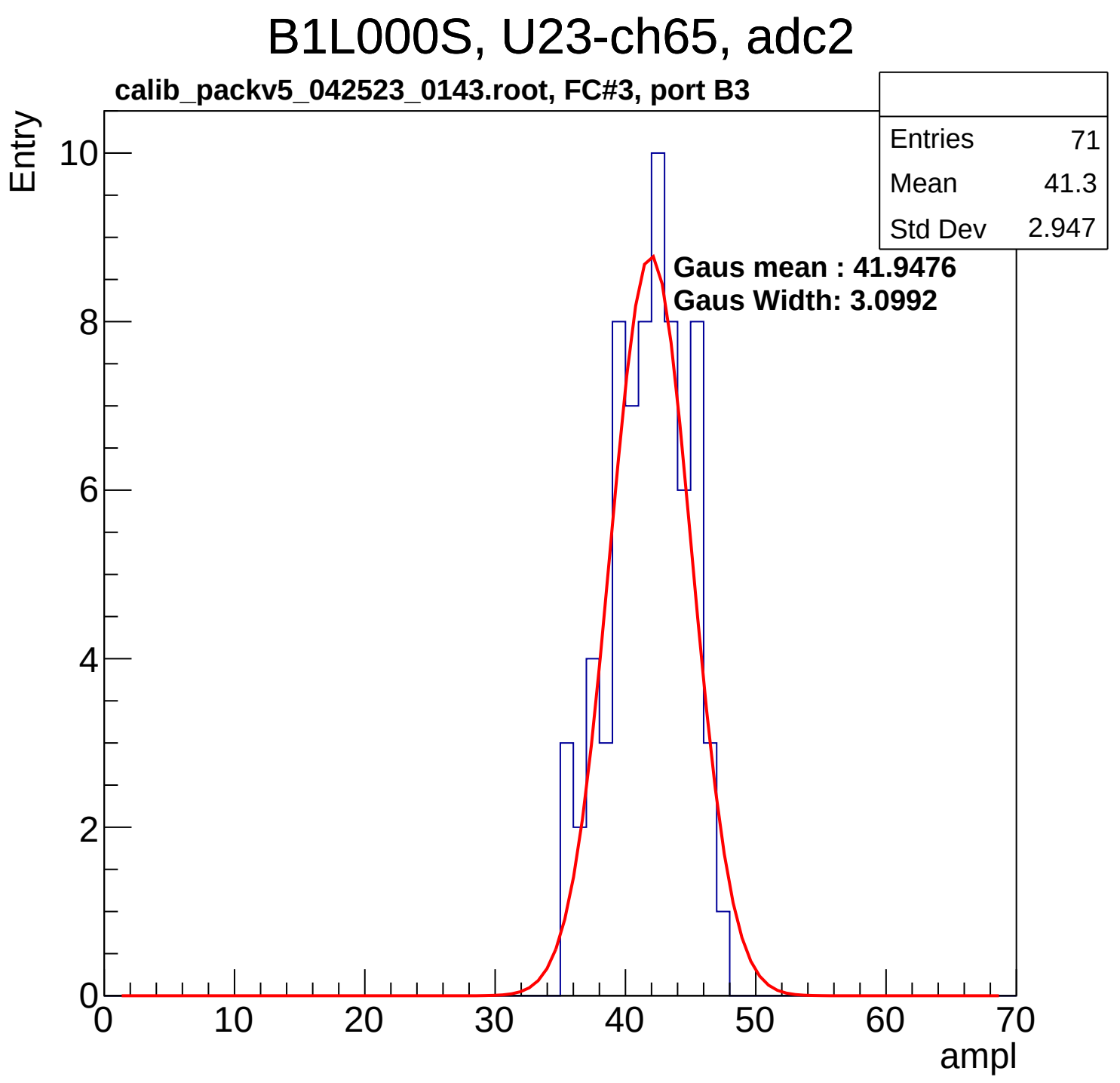
B1L000S, U23-ch65, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 41.3
Std Dev 2.947
Gaus mean : 41.9476
Gaus Width: 3.0992
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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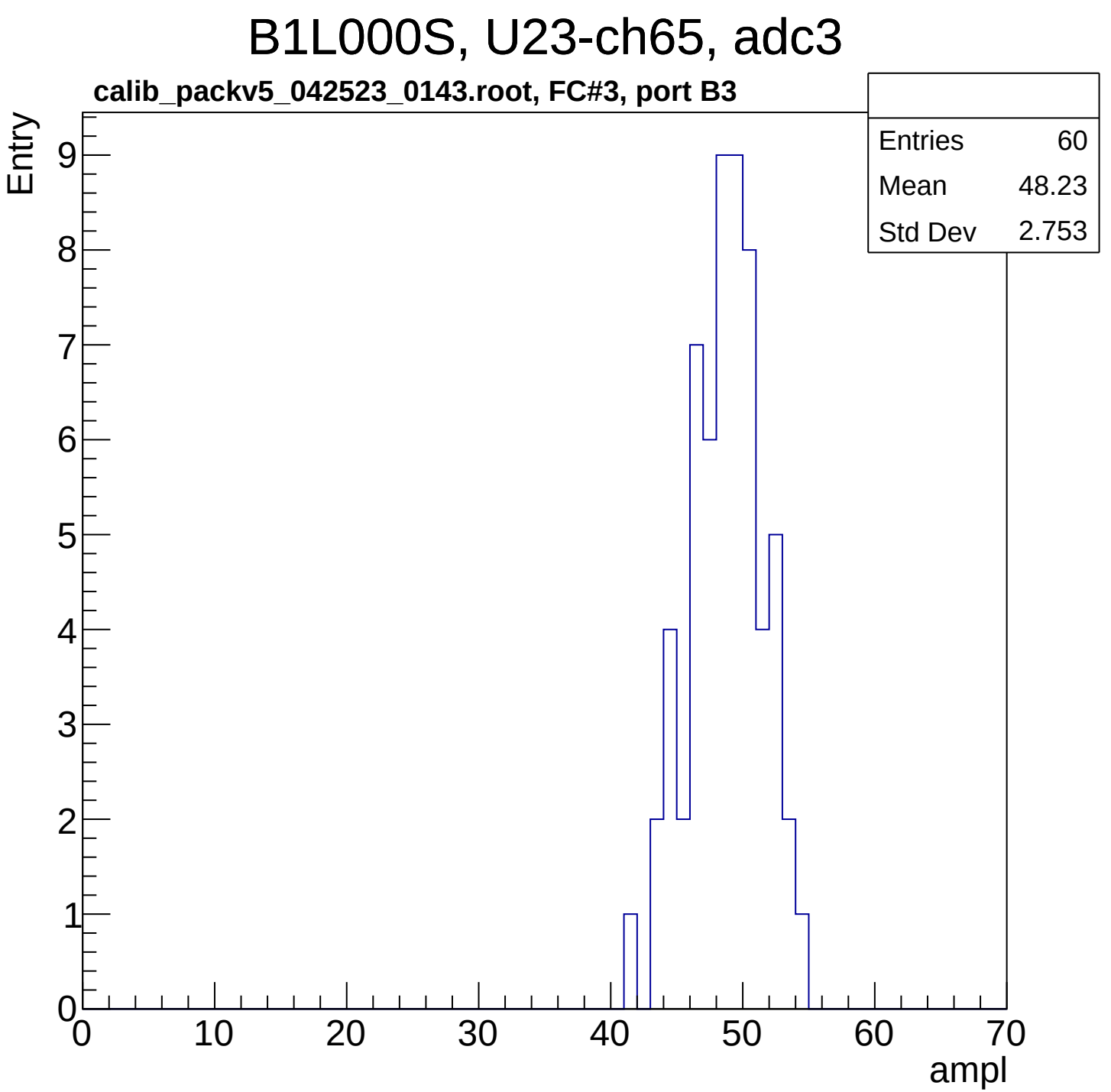
B1L000S, U23-ch65, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 48.23
Std Dev 2.753
Entry
ampl
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2
3
4
5
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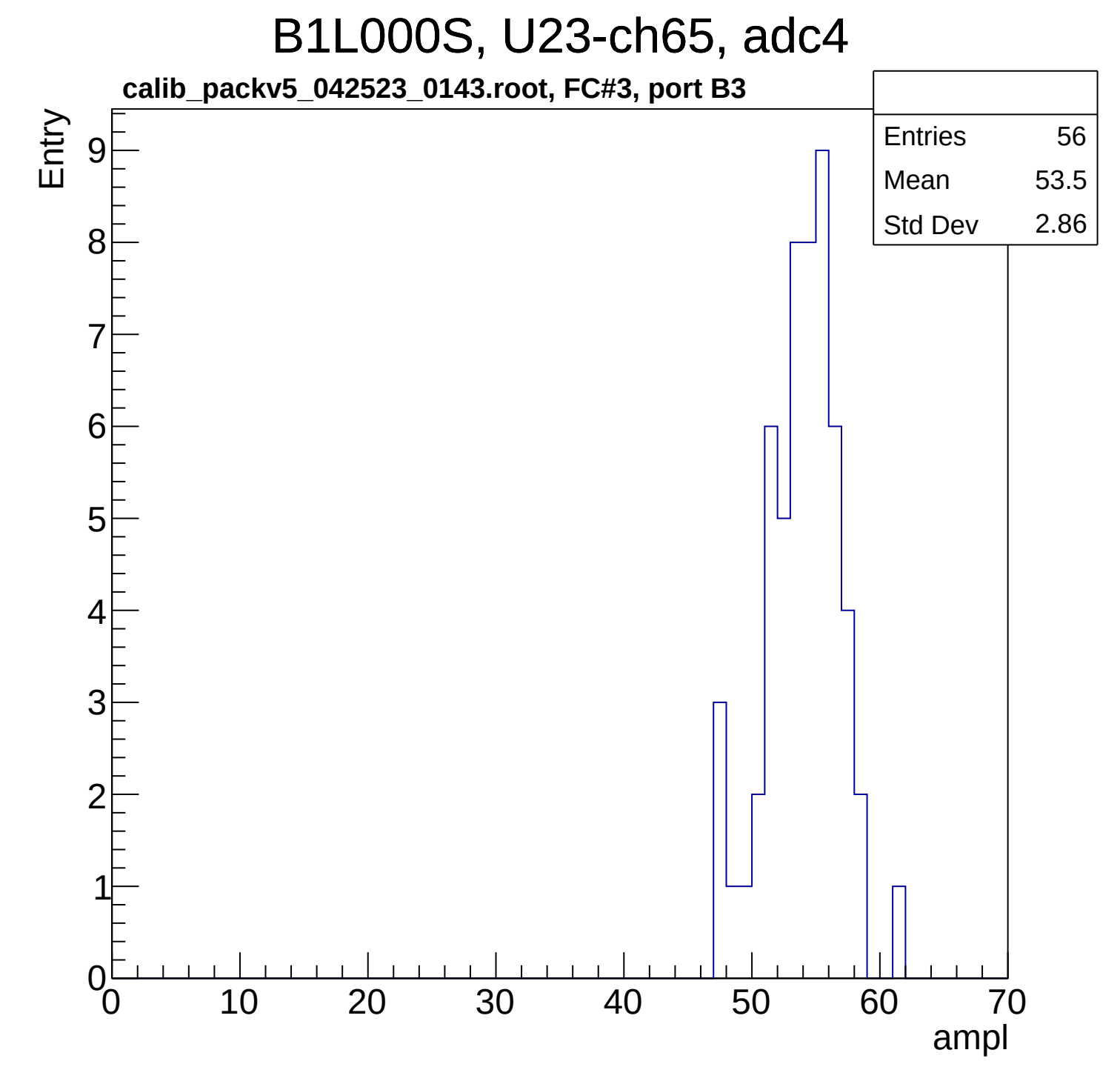
B1L000S, U23-ch65, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.5
Std Dev 2.86
Entry
ampl
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2
3
4
5
6
7
8
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0
10
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60
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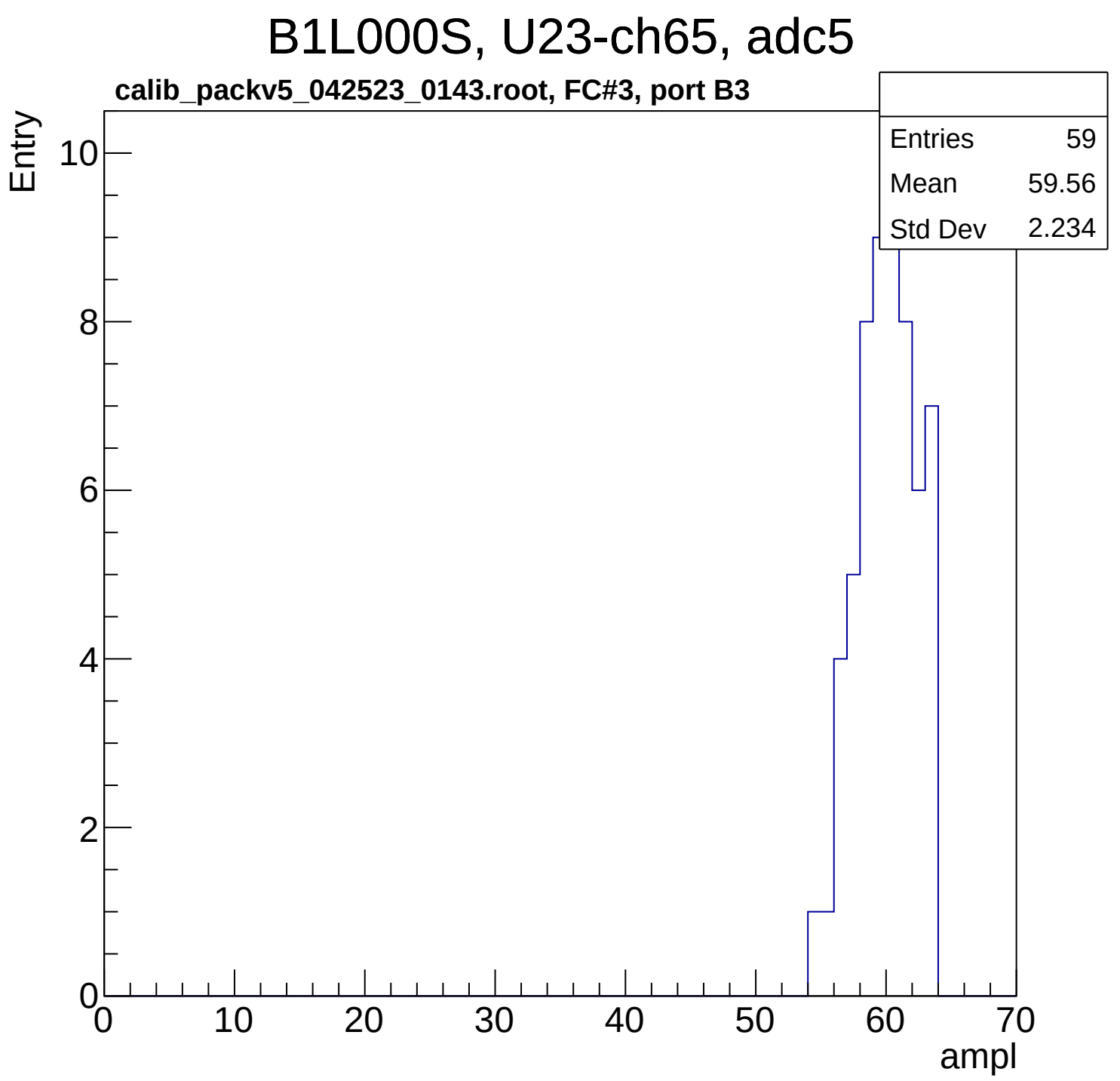
B1L000S, U23-ch65, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 59.56
Std Dev 2.234
Entry
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10
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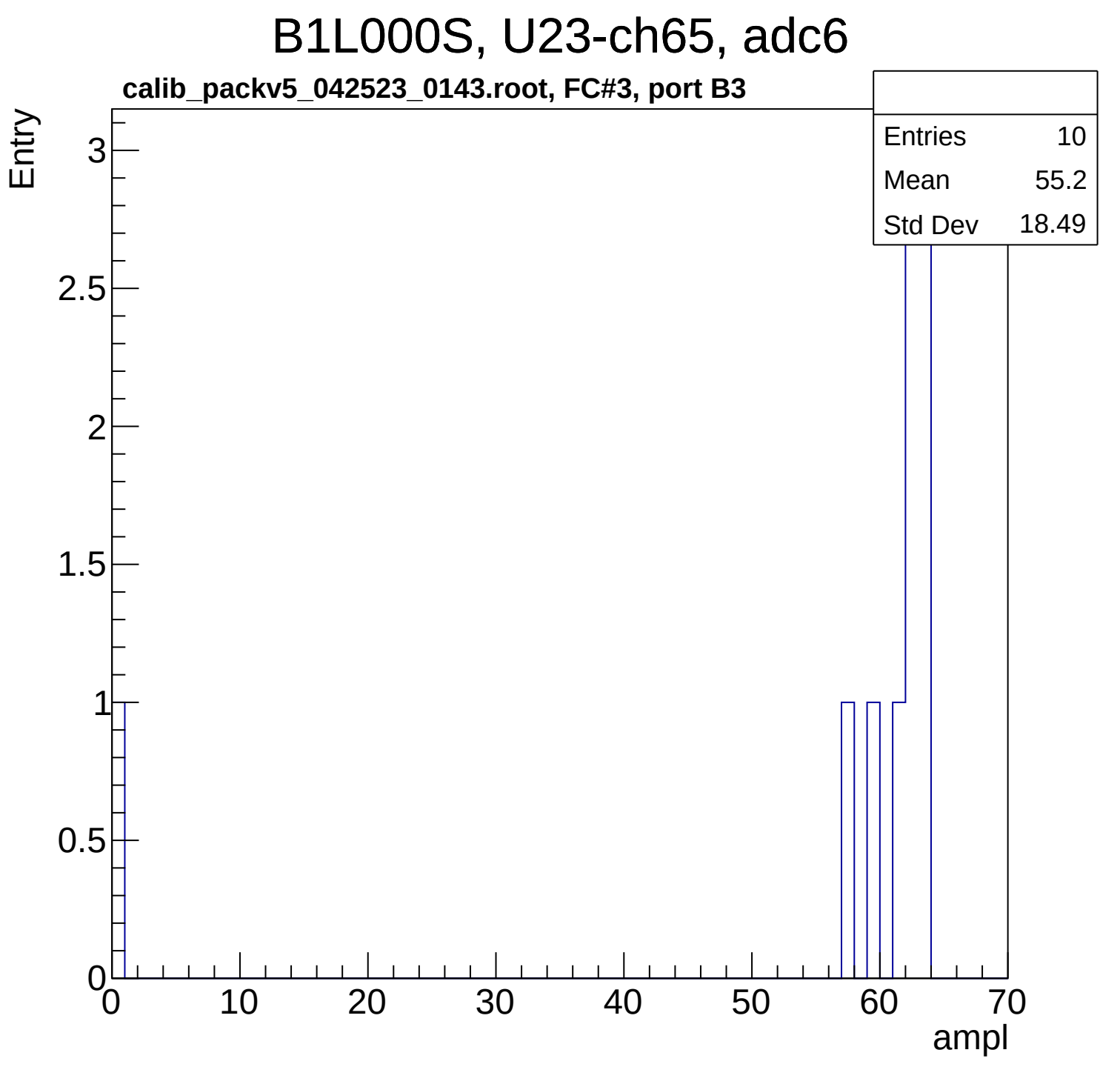
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch65, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 55.2
Std Dev 18.49
Entry
ampl
0
0.5
1
1.5
2
2.5
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0
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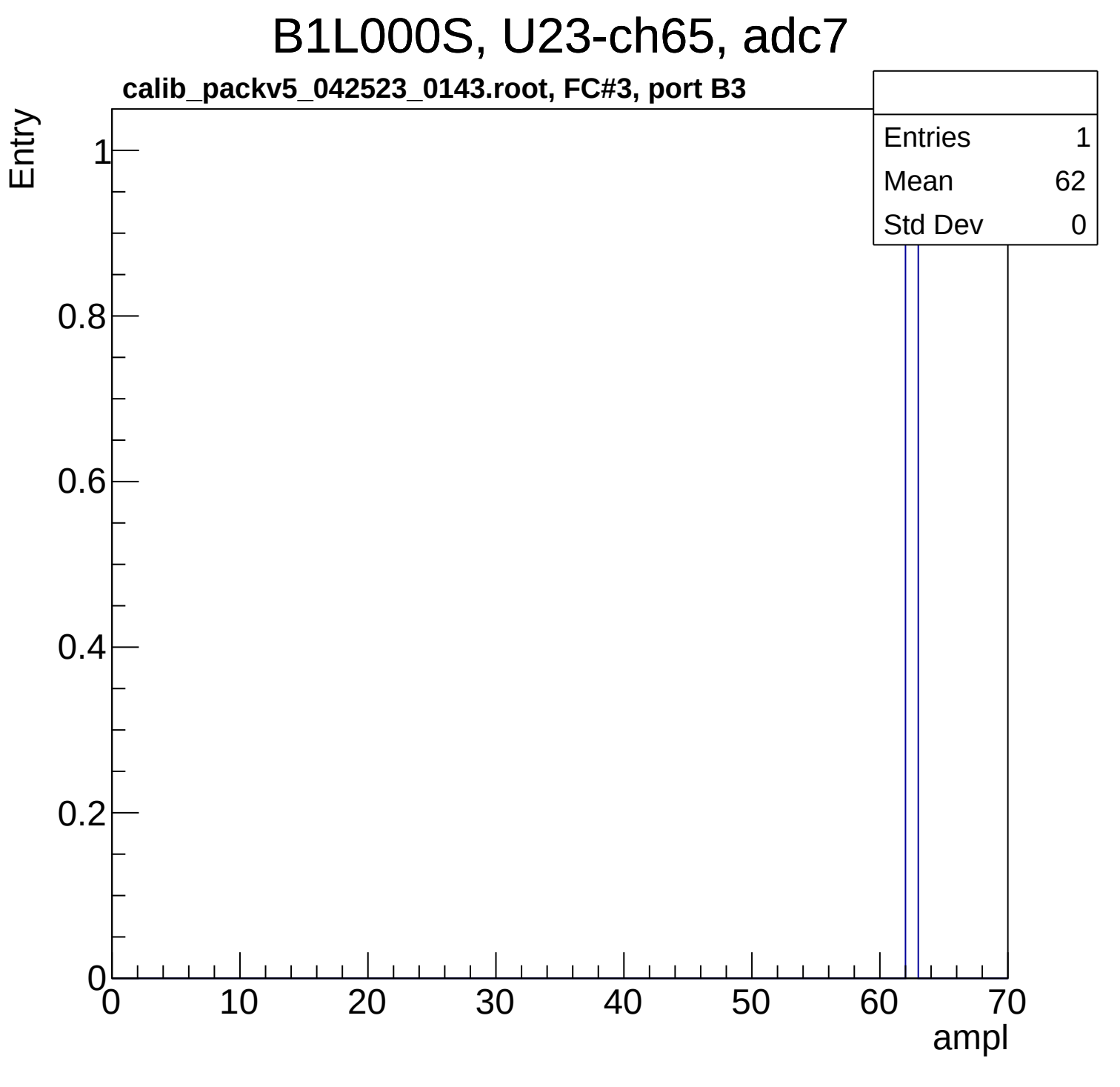
B1L000S, U23-ch65, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
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10
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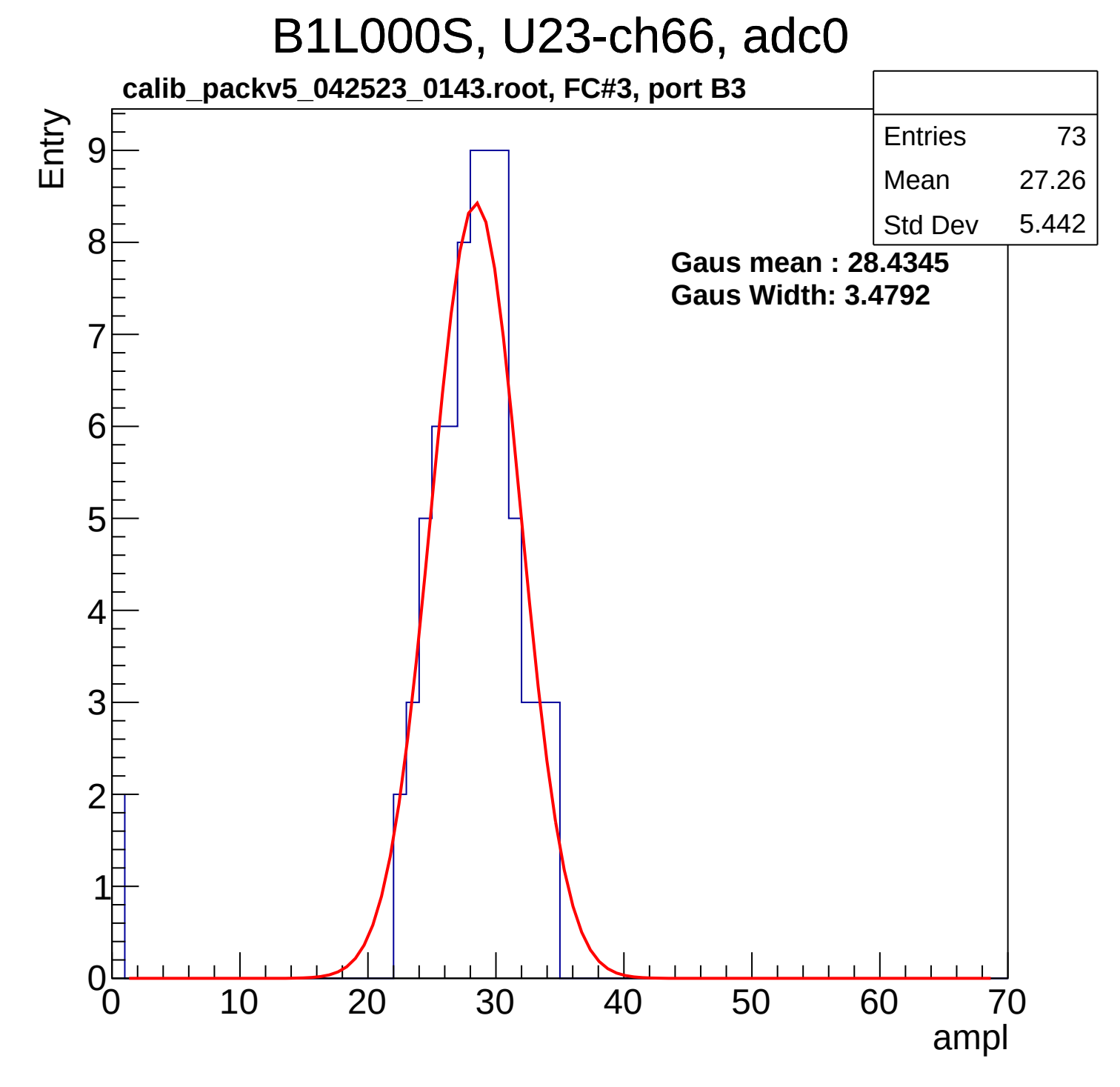
50
60
70
ampl


B1L000S, U23-ch66, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 27.26
Std Dev 5.442
Gaus mean : 28.4345
Gaus Width: 3.4792
Entry
ampl
0
10
20
30
40
50
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1
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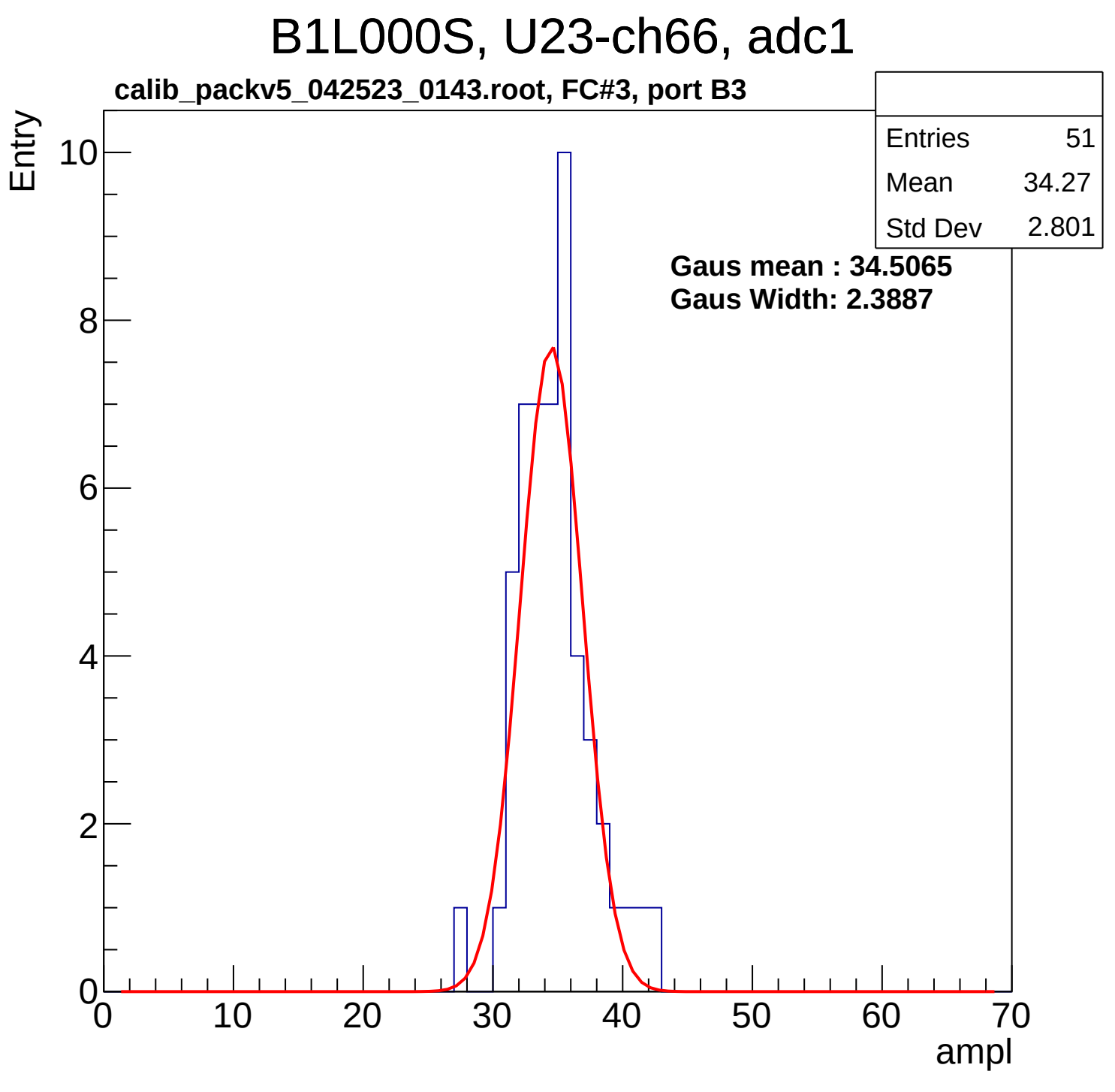
8
9


B1L000S, U23-ch66, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 34.27
Std Dev 2.801
Gaus mean : 34.5065
Gaus Width: 2.3887
Entry
ampl
0
2
4
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8
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0
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20
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40
50
60
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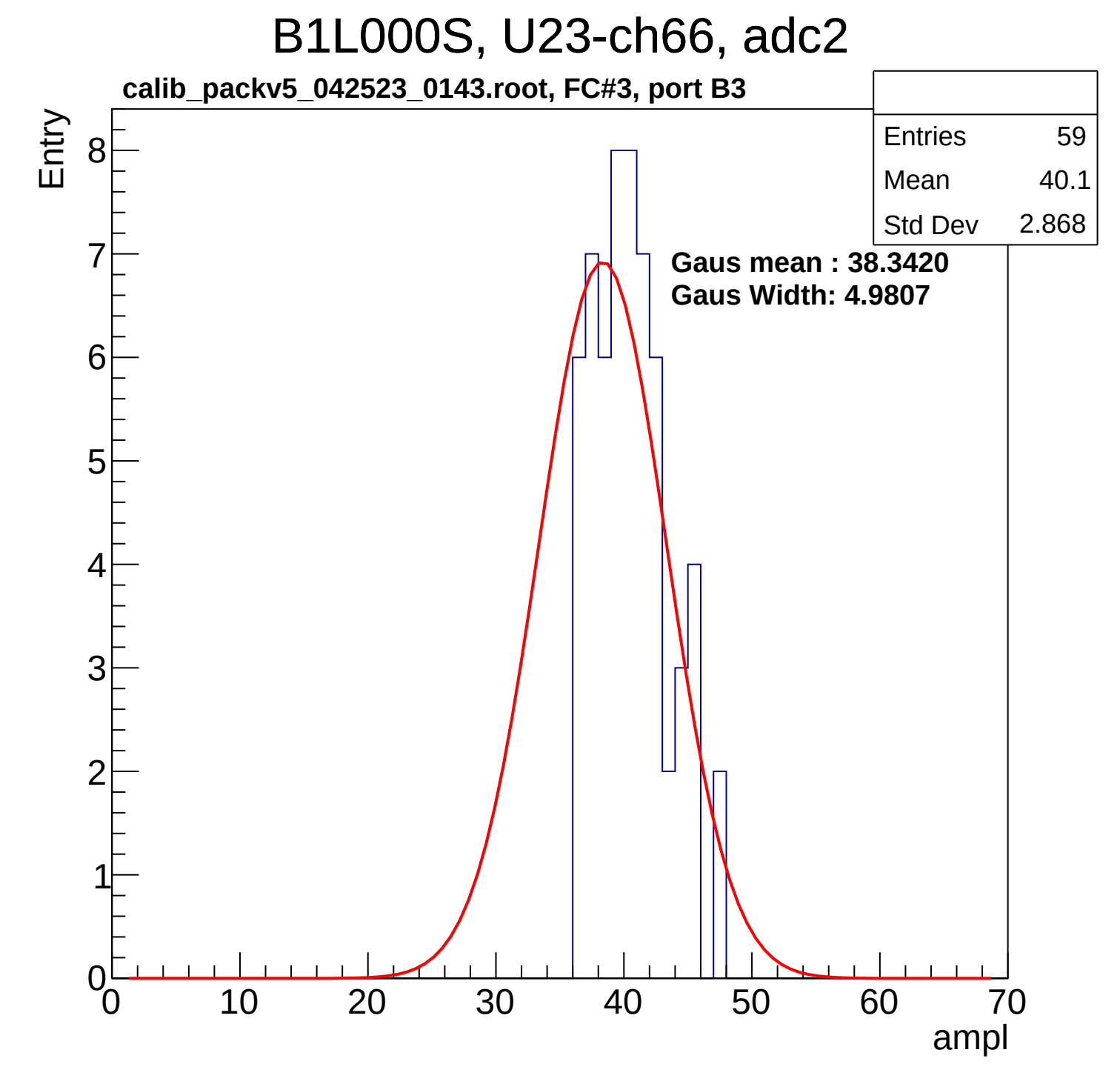
B1L000S, U23-ch66, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 40.1
Std Dev 2.868
Gaus mean : 38.3420
Gaus Width: 4.9807
Entry
ampl
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1
2
3
4
5
6
7
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0
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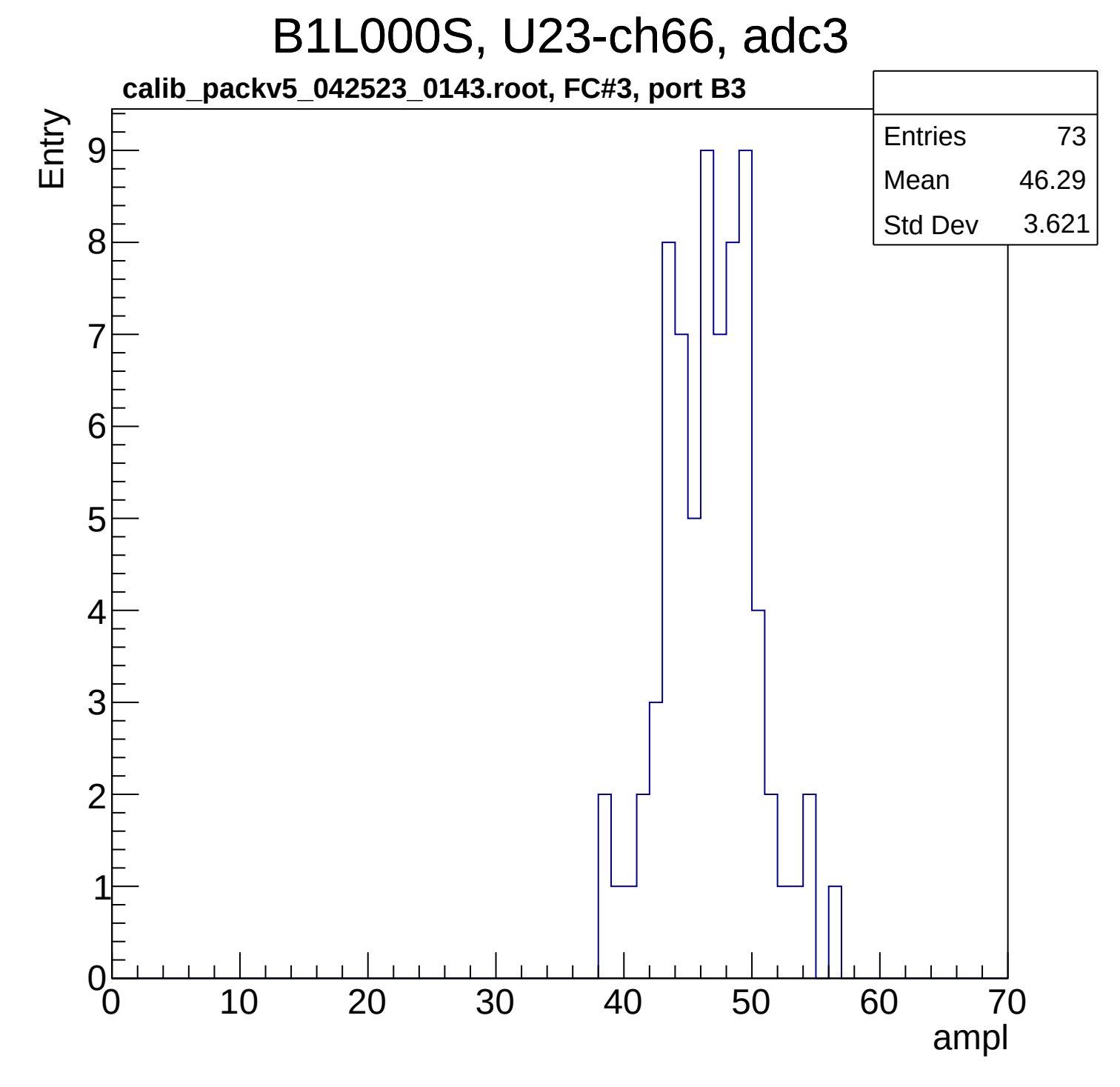
B1L000S, U23-ch66, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 46.29
Std Dev 3.621
Entry
ampl
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1
2
3
4
5
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7
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9
0
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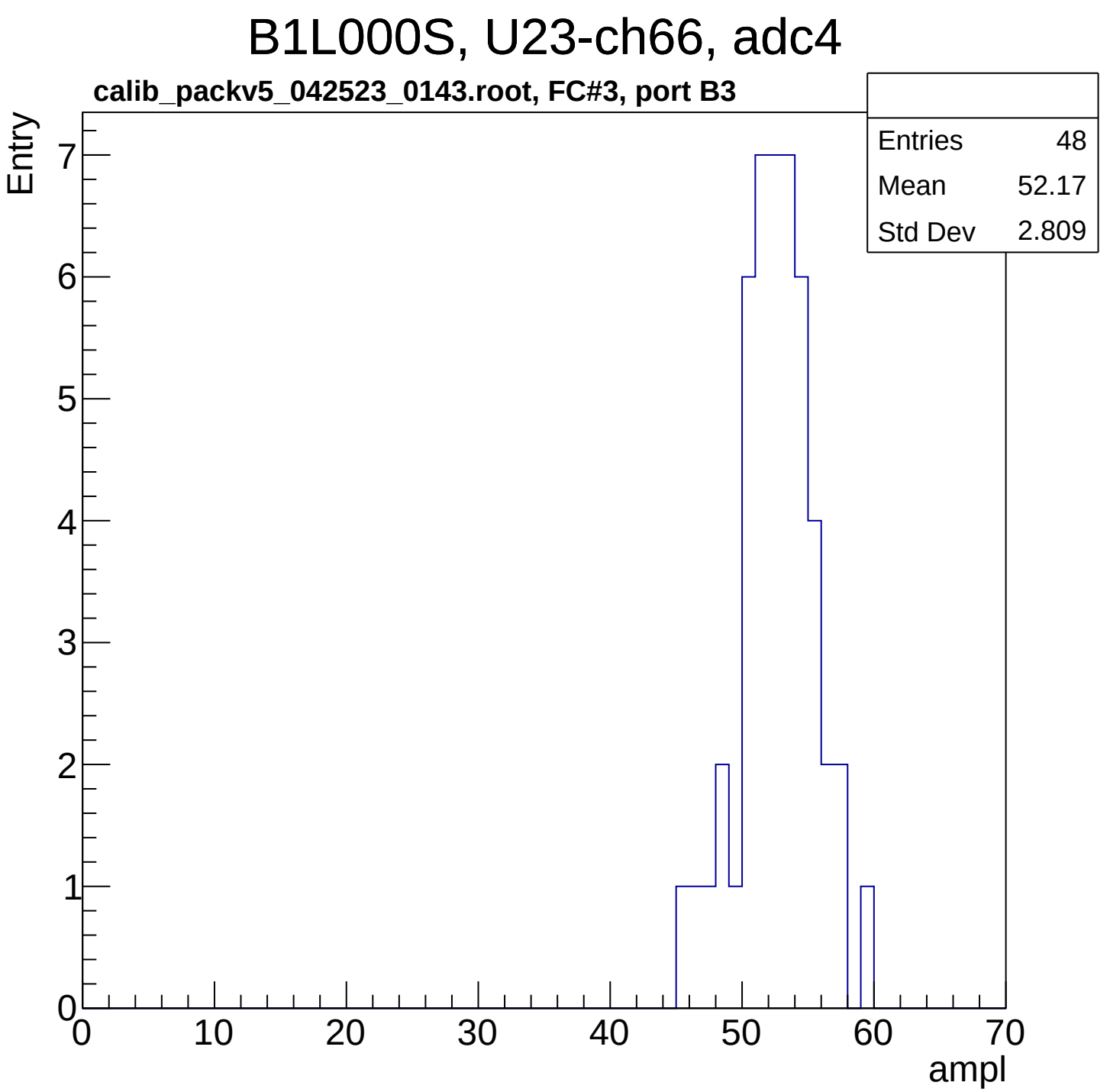
B1L000S, U23-ch66, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 52.17
Std Dev 2.809
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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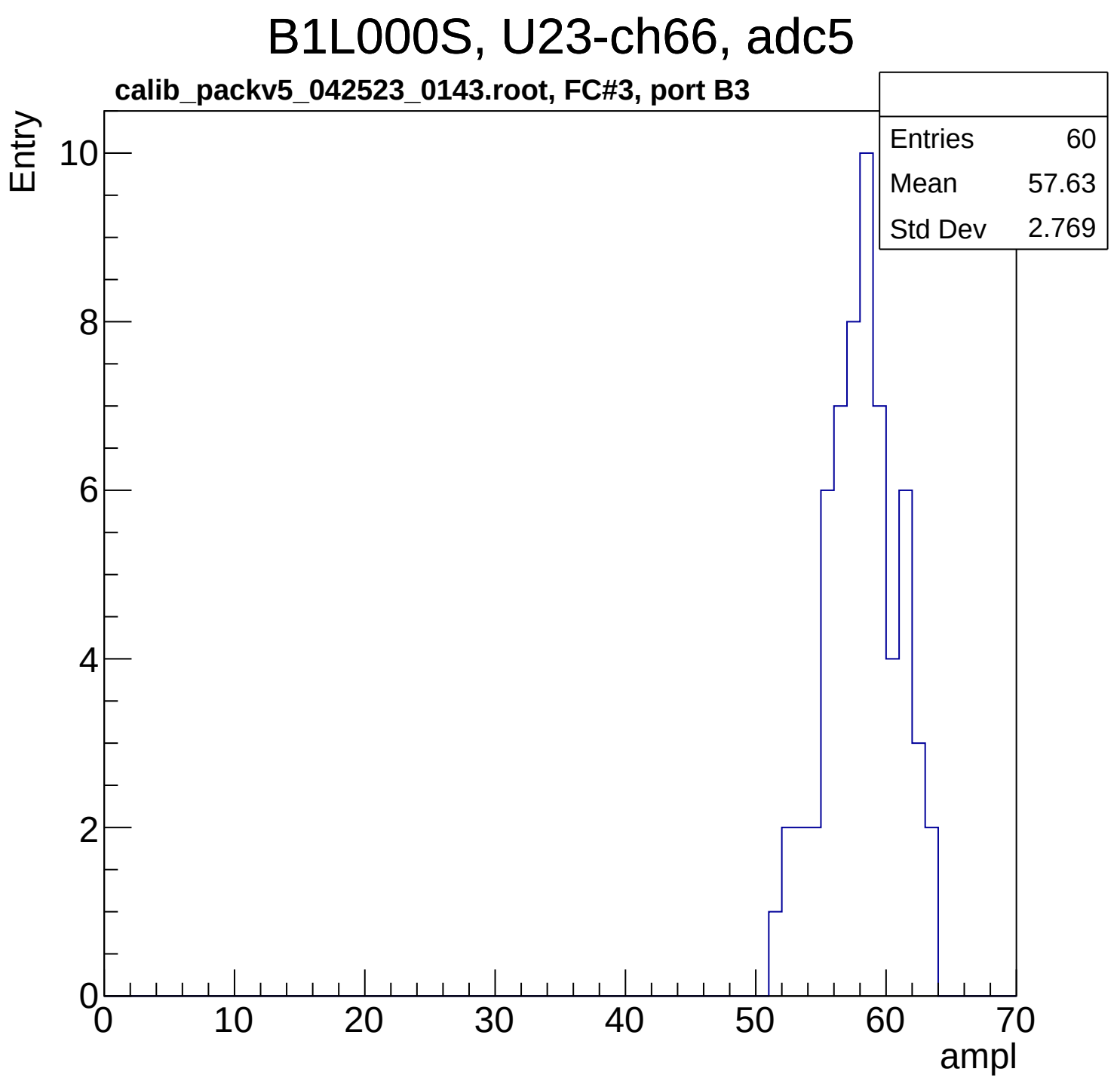
B1L000S, U23-ch66, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 57.63
Std Dev 2.769
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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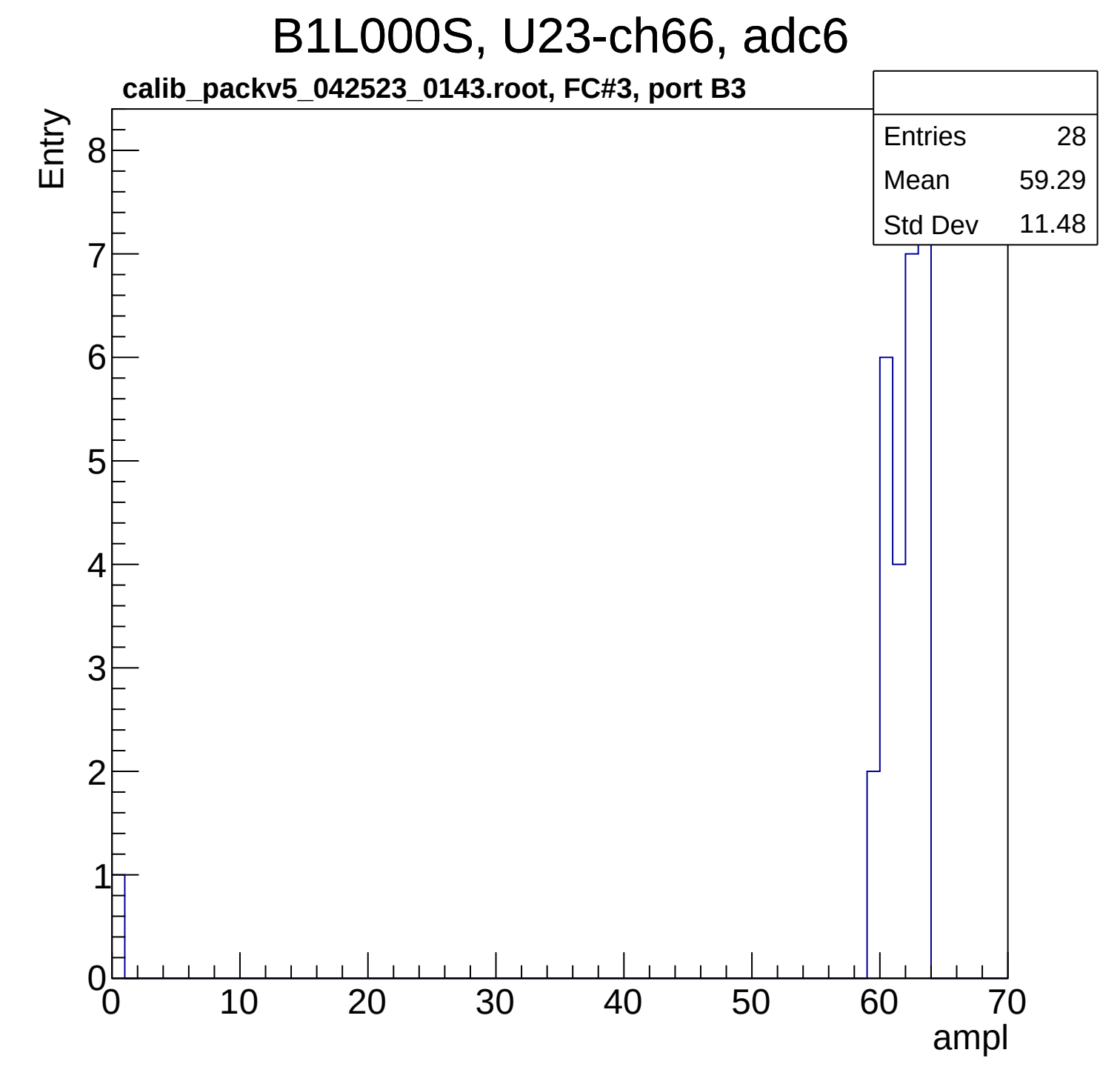
B1L000S, U23-ch66, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 28
Mean 59.29
Std Dev 11.48
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
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60
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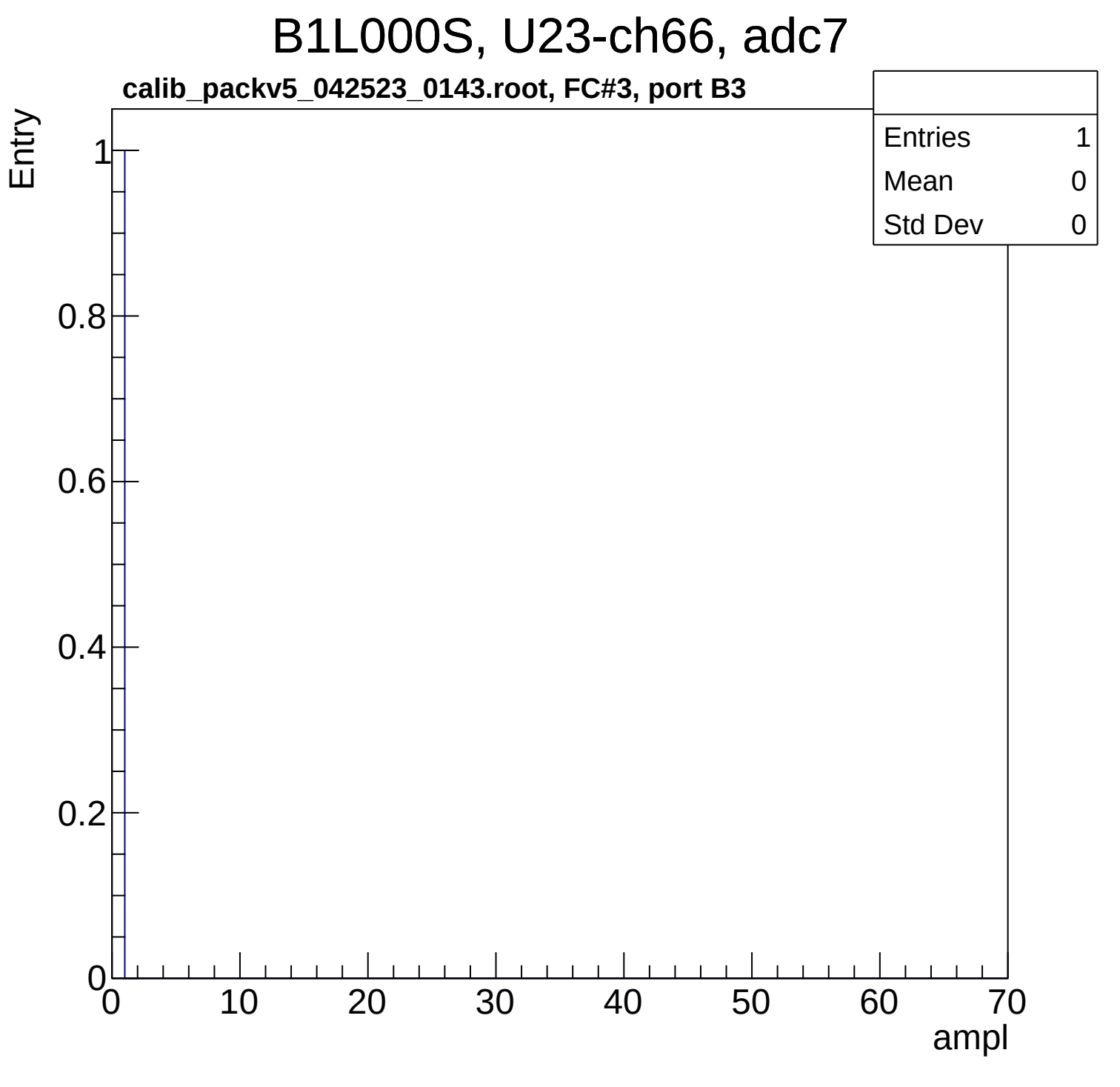
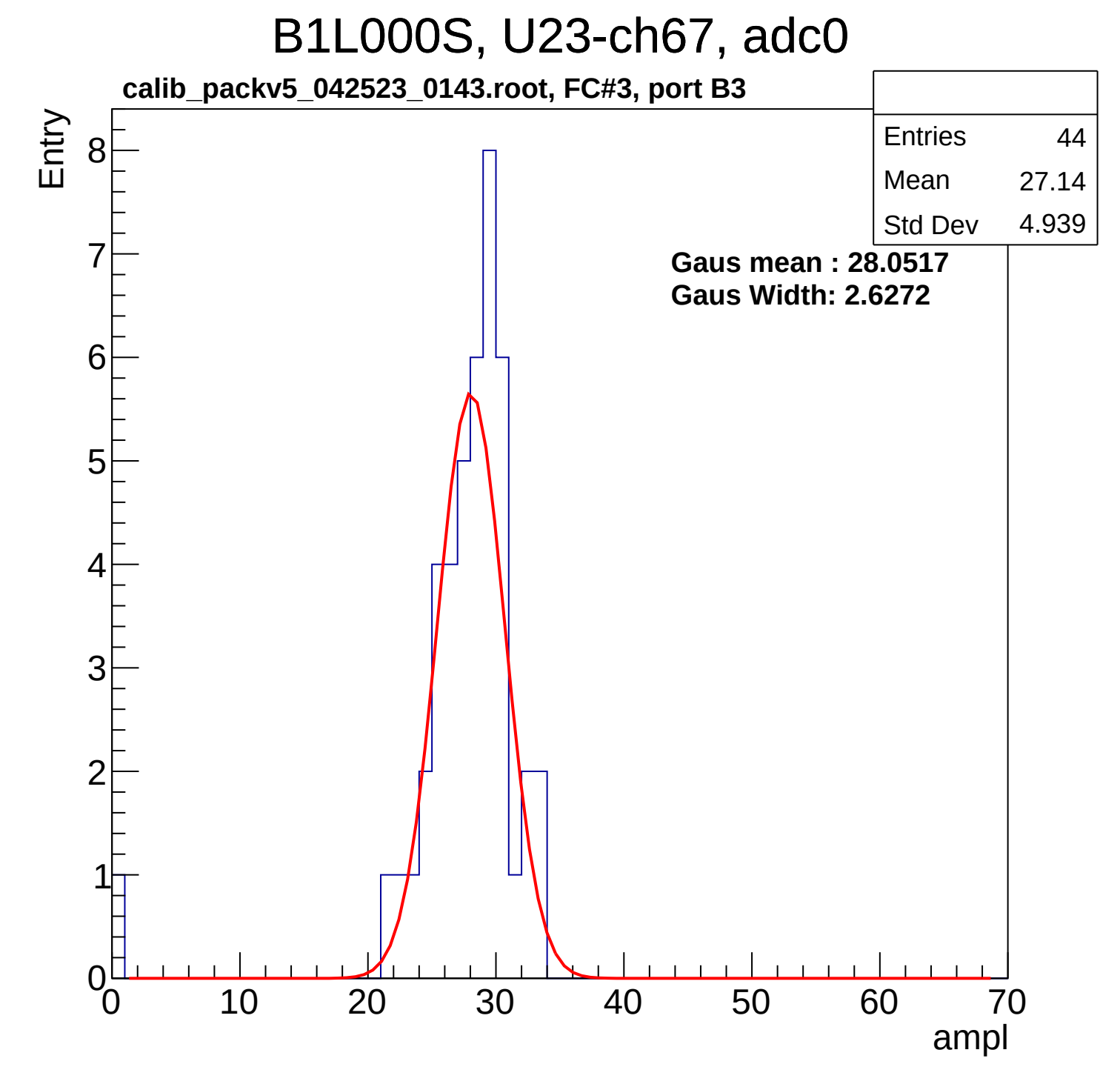
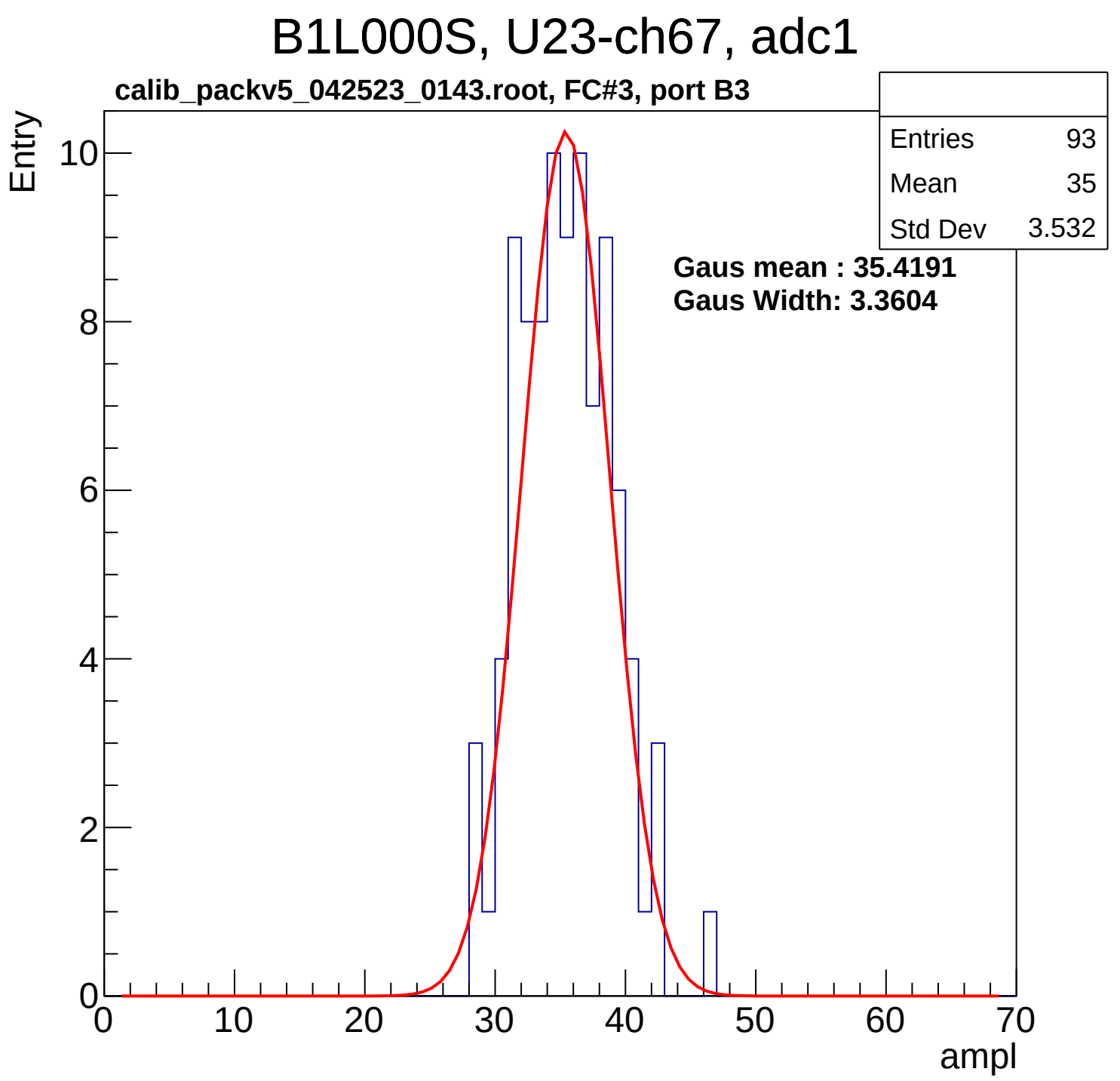
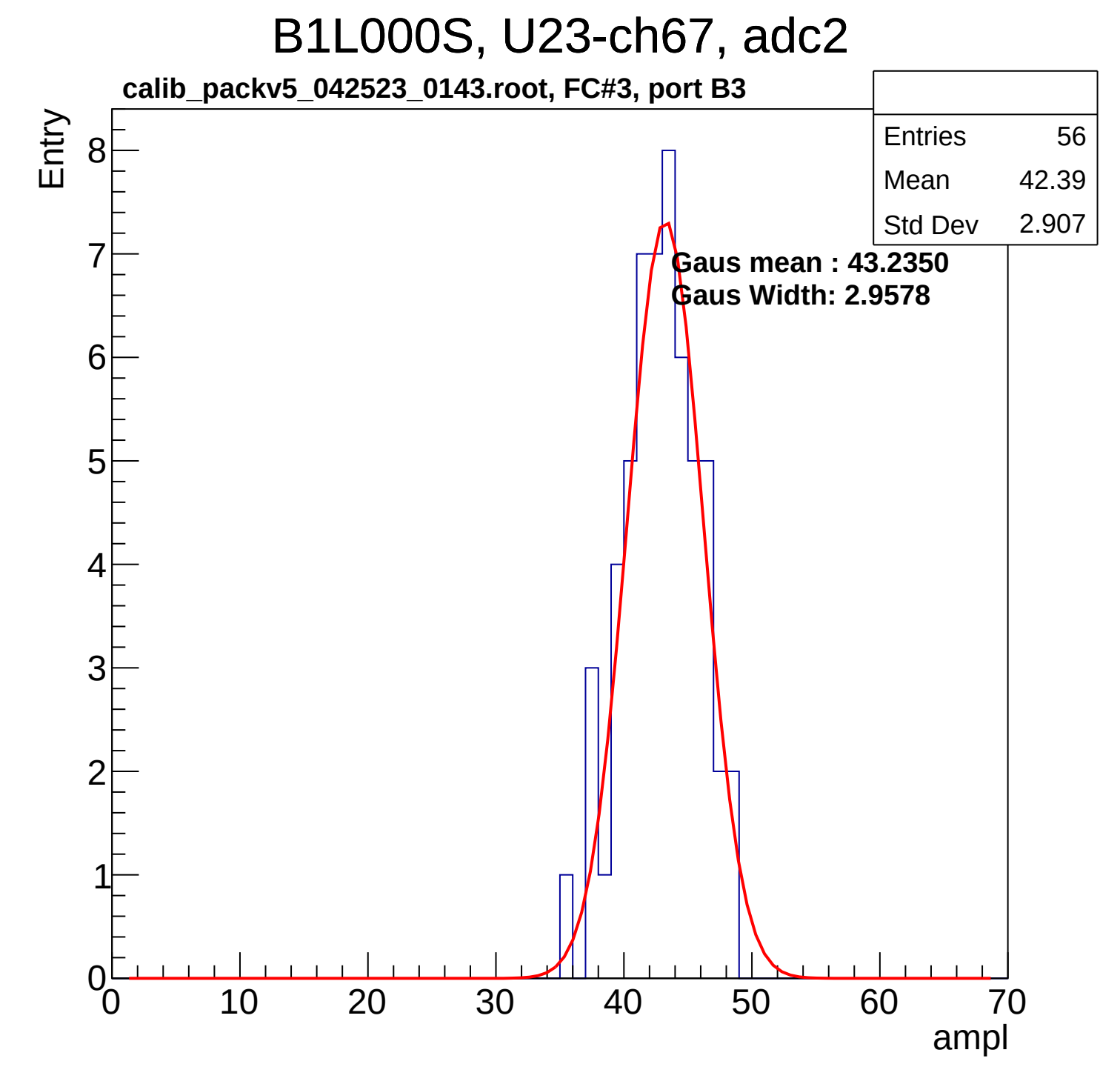

B1L000S, U23-ch66, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch67, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 27.14
Std Dev 4.939
Gaus mean : 28.0517
Gaus Width: 2.6272
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch67, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 93
Mean 35
Std Dev 3.532
Gaus mean : 35.4191
Gaus Width: 3.3604
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch67, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.39
Std Dev 2.907
Gaus mean : 43.2350
Gaus Width: 2.9578
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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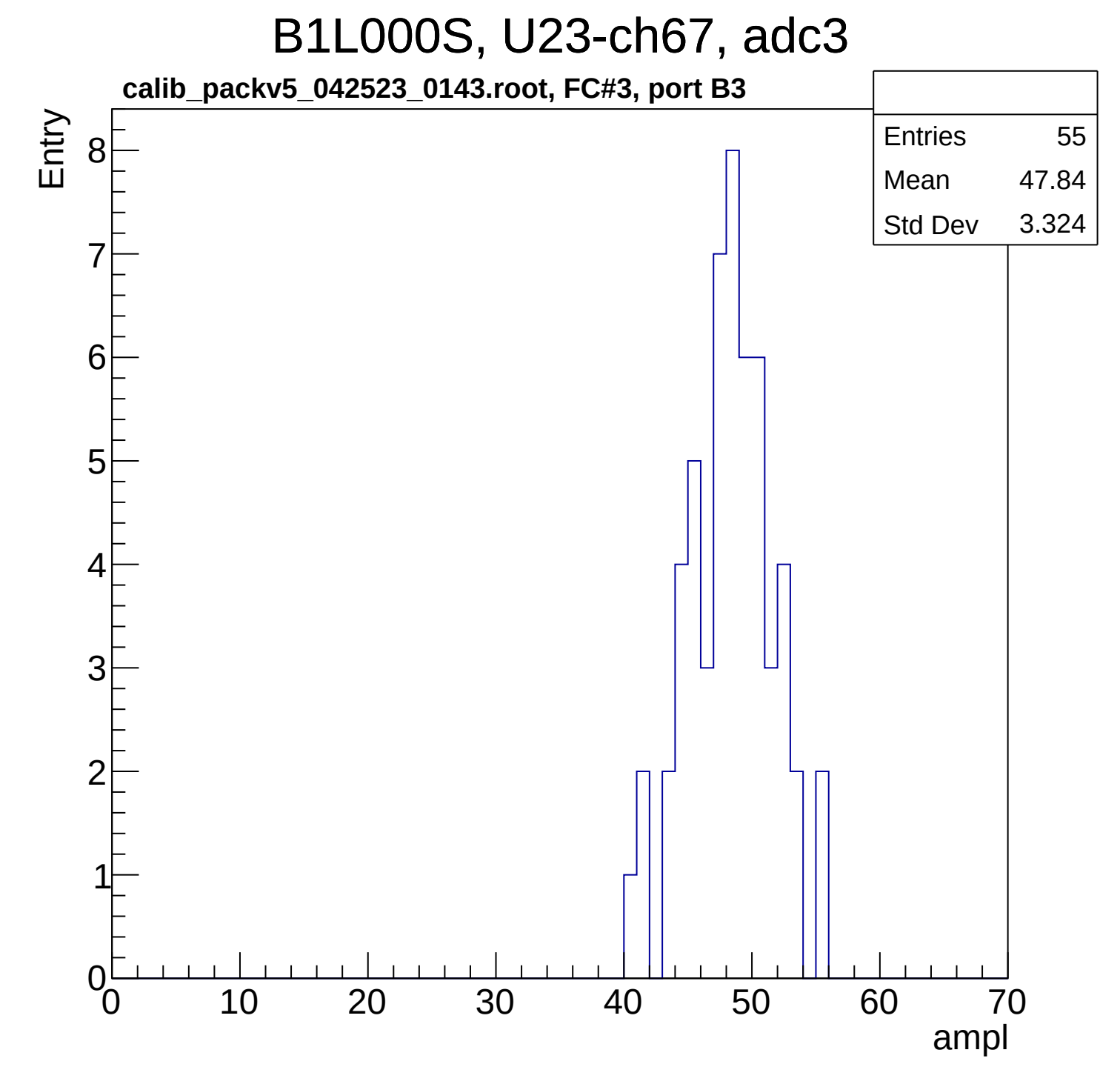
B1L000S, U23-ch67, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.84
Std Dev 3.324
Entry
ampl
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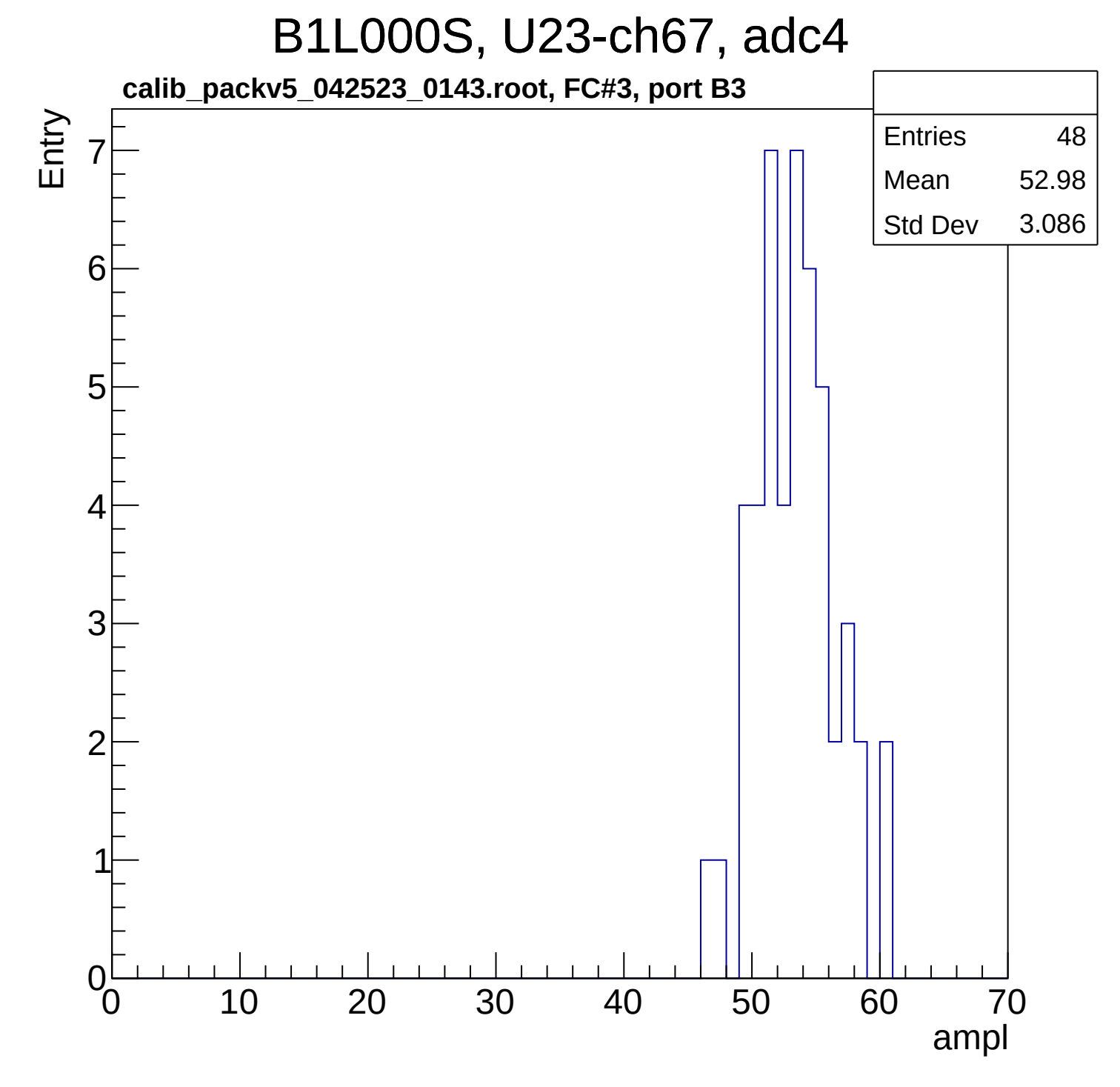
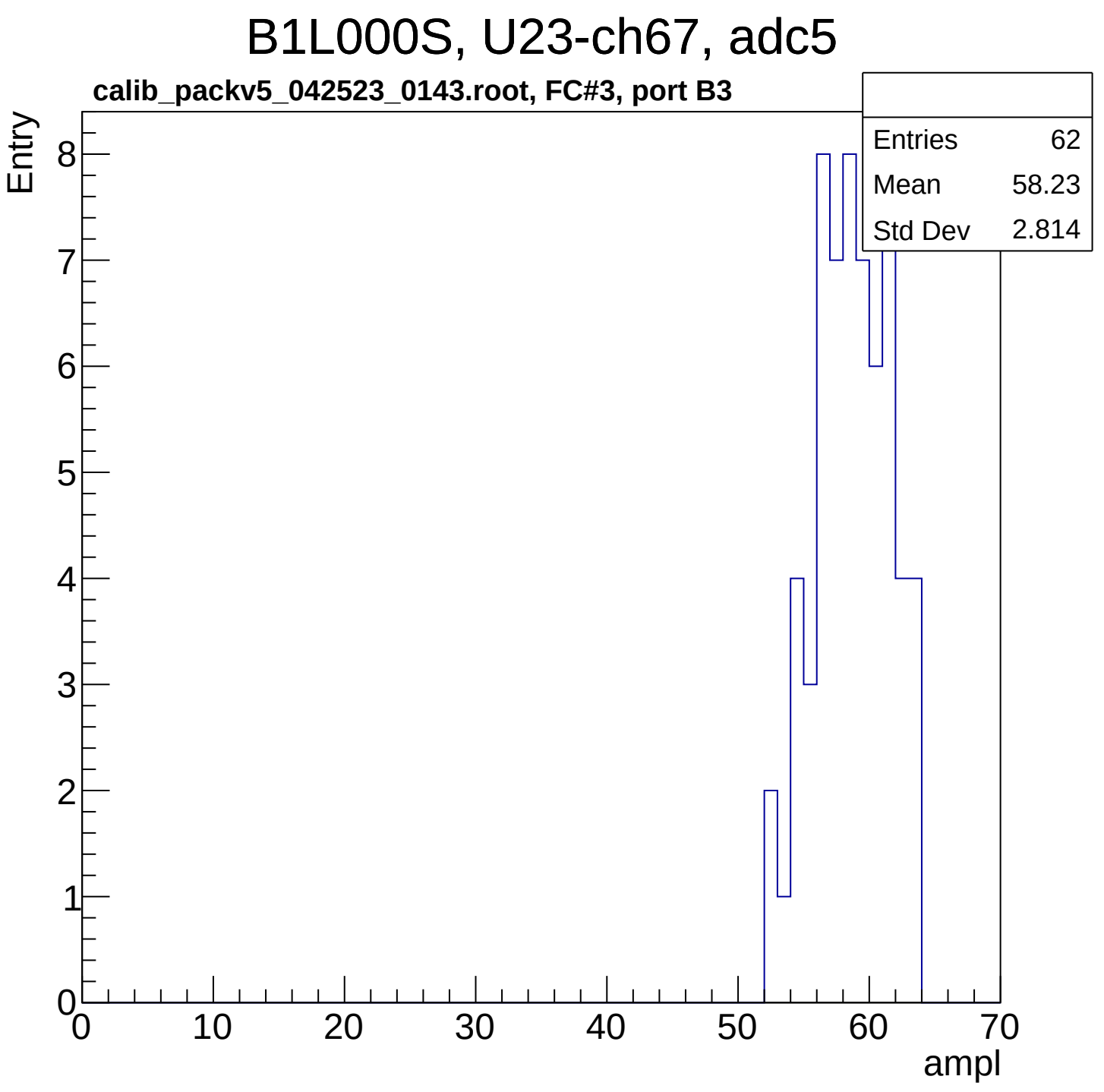
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch67, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 52.98
Std Dev 3.086
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch67, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 58.23
Std Dev 2.814
Entry
ampl
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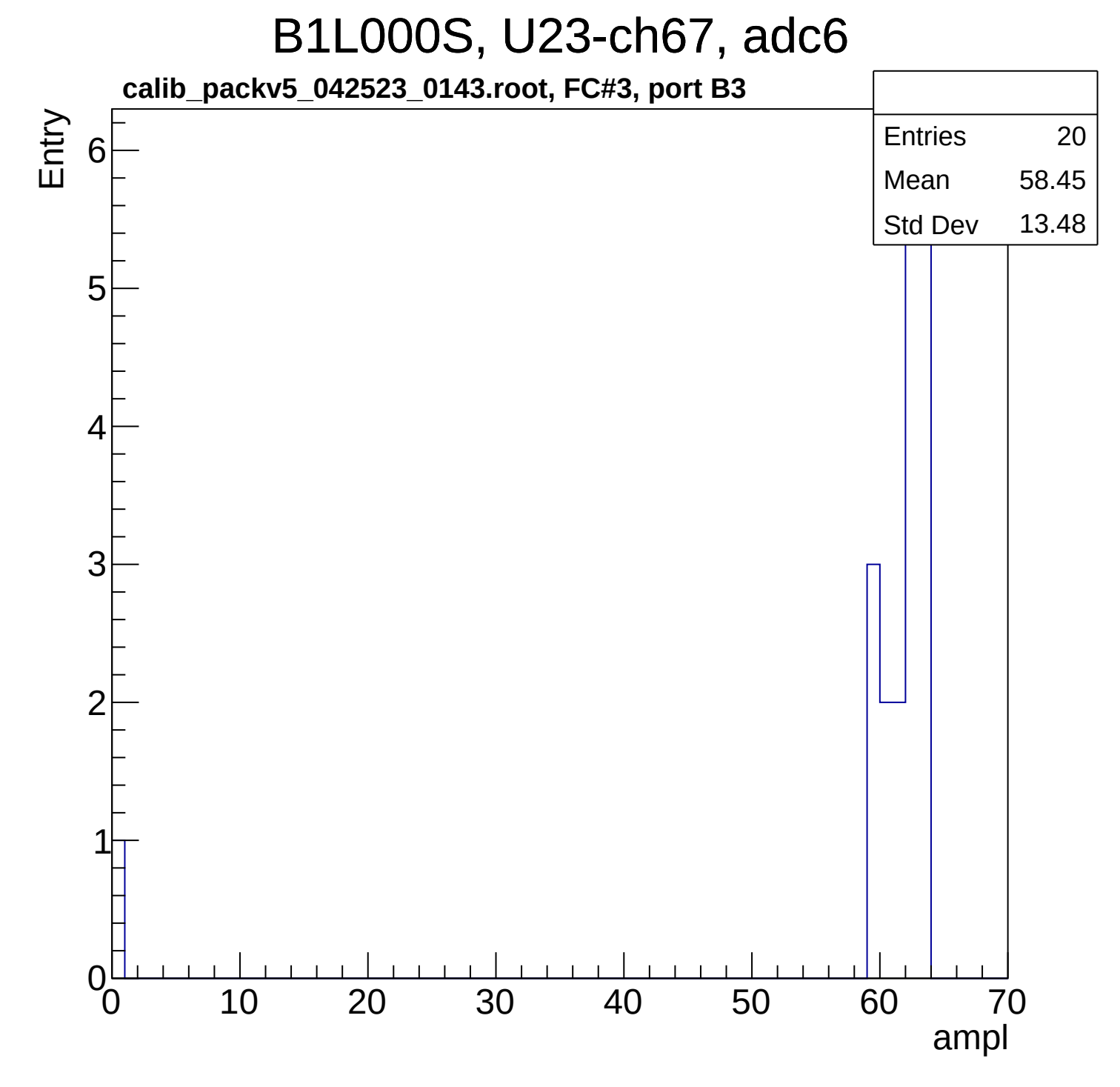
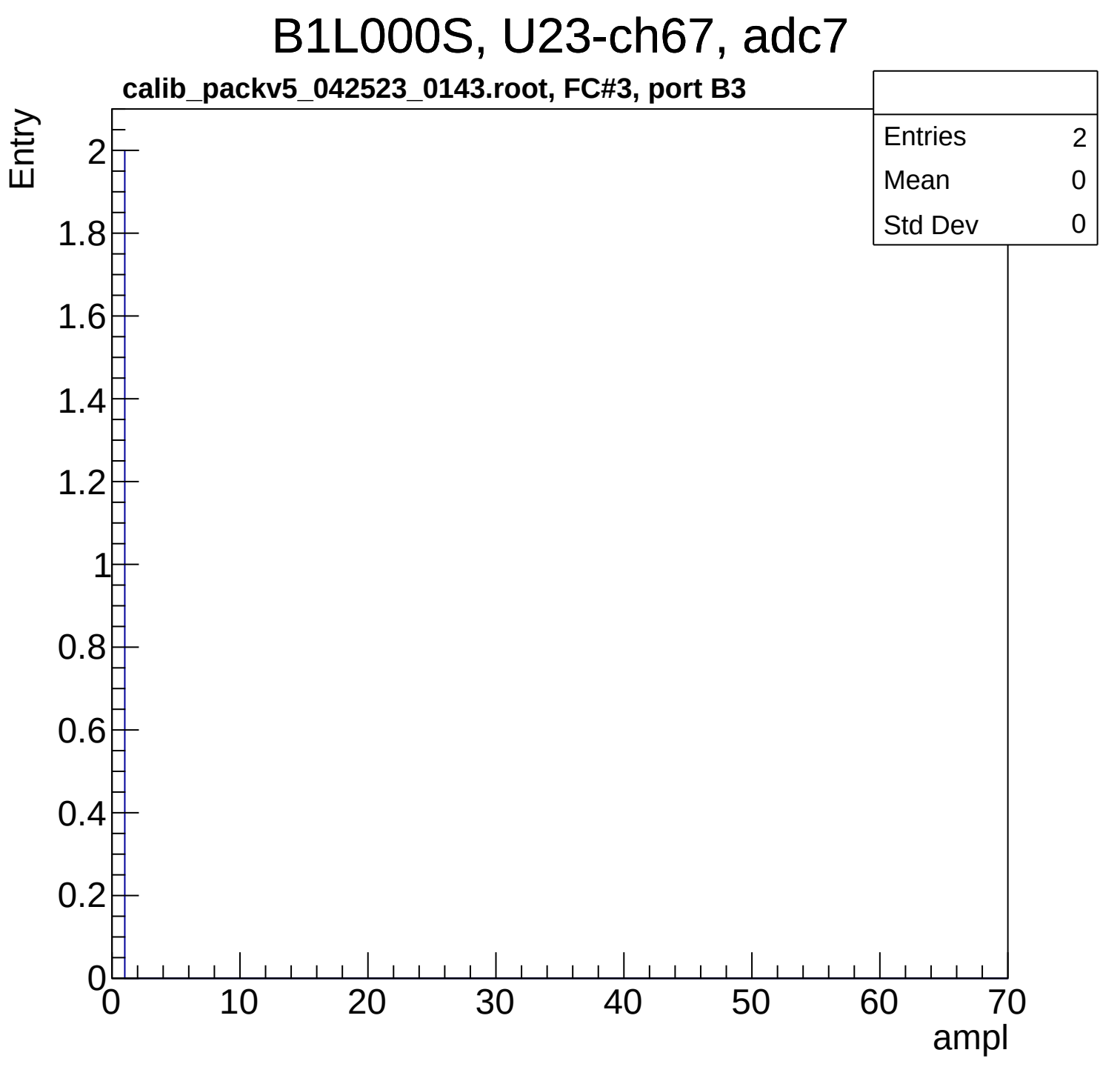
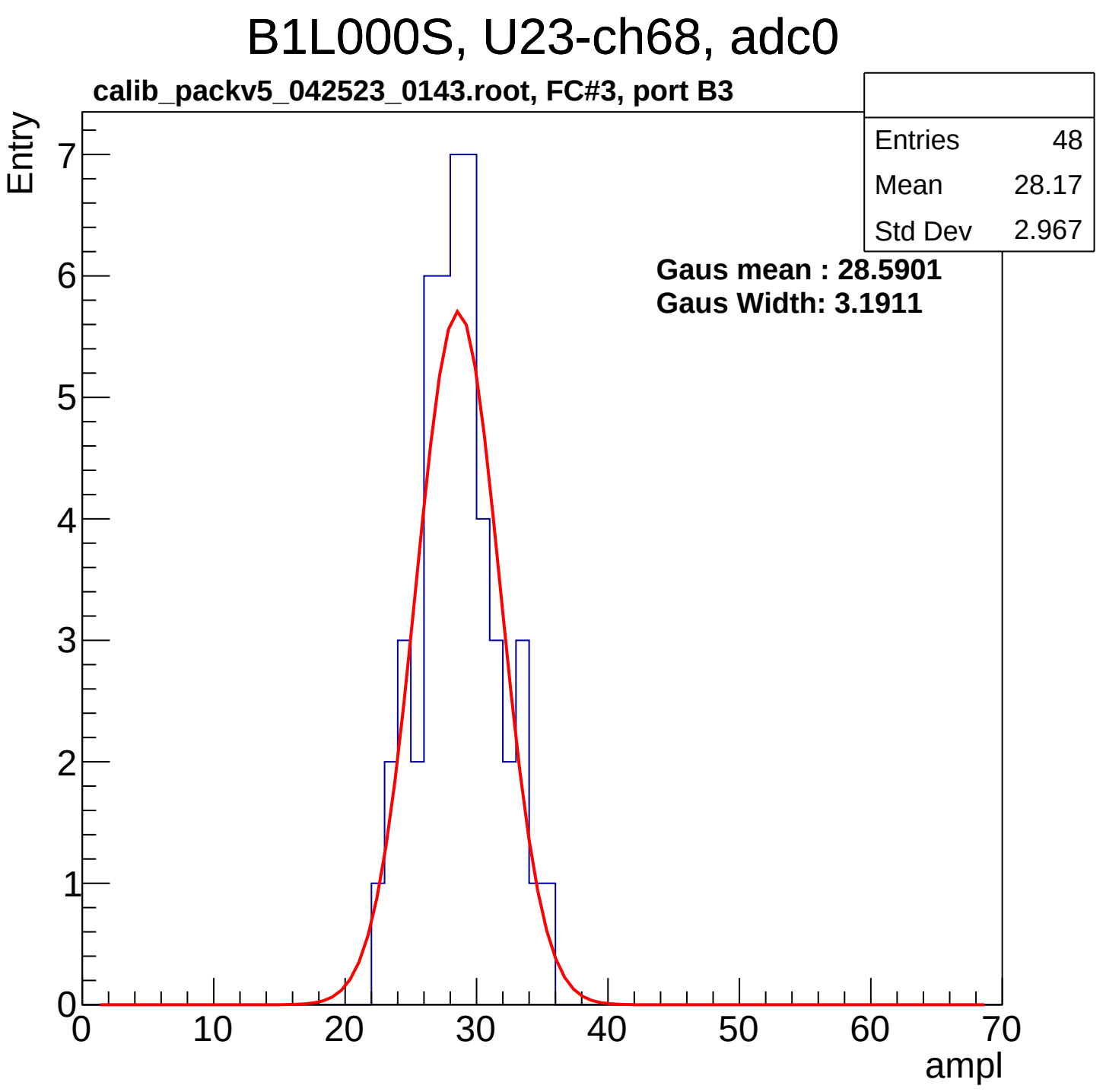
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch67, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.45
Std Dev 13.48
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch67, 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, U23-ch68, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 28.17
Std Dev 2.967
Gaus mean : 28.5901
Gaus Width: 3.1911
Entry
ampl
0
1
2
3
4
5
6
7
0
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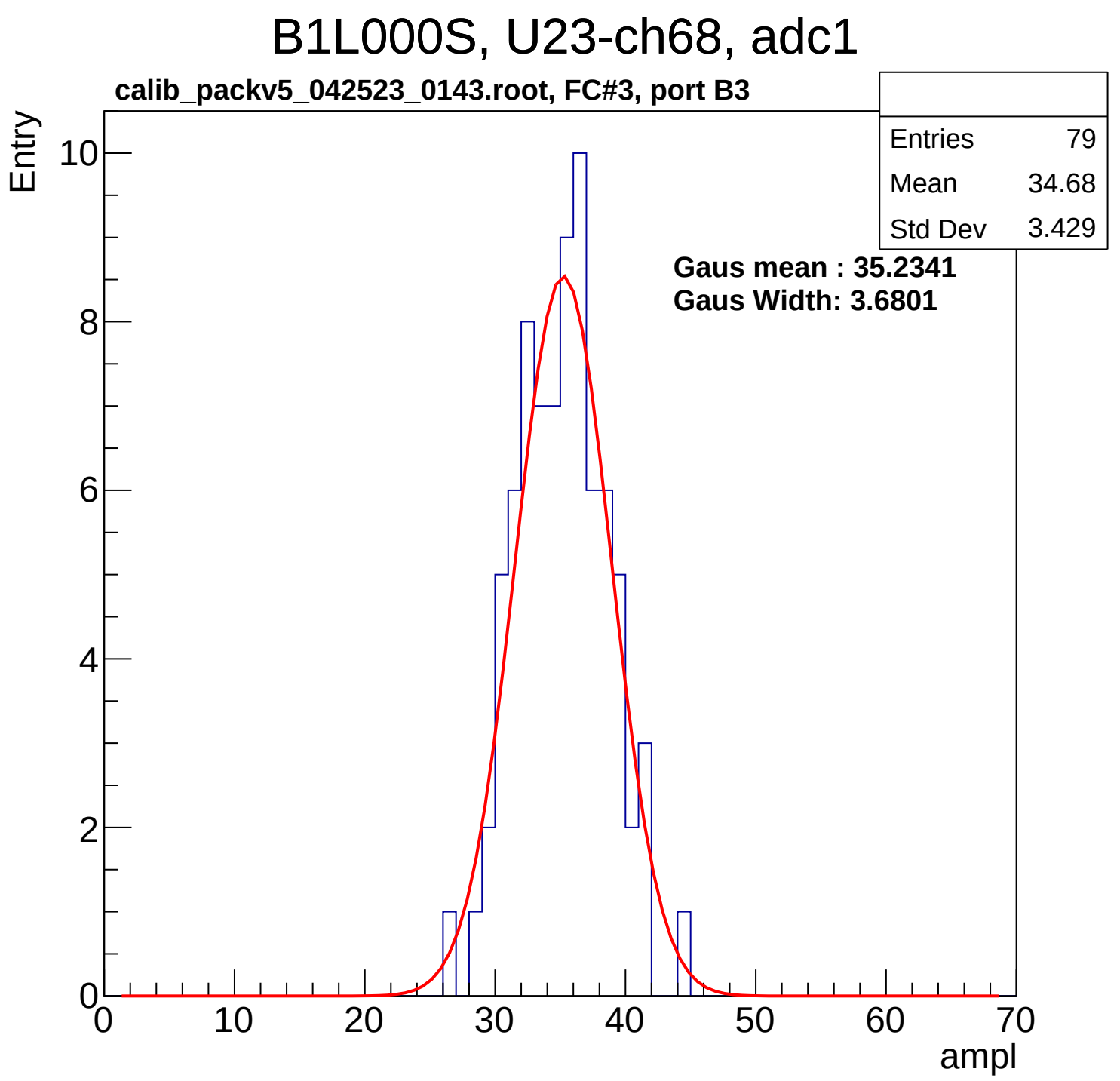
20
30
40
50
60
70


B1L000S, U23-ch68, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 34.68
Std Dev 3.429
Gaus mean : 35.2341
Gaus Width: 3.6801
Entry
ampl
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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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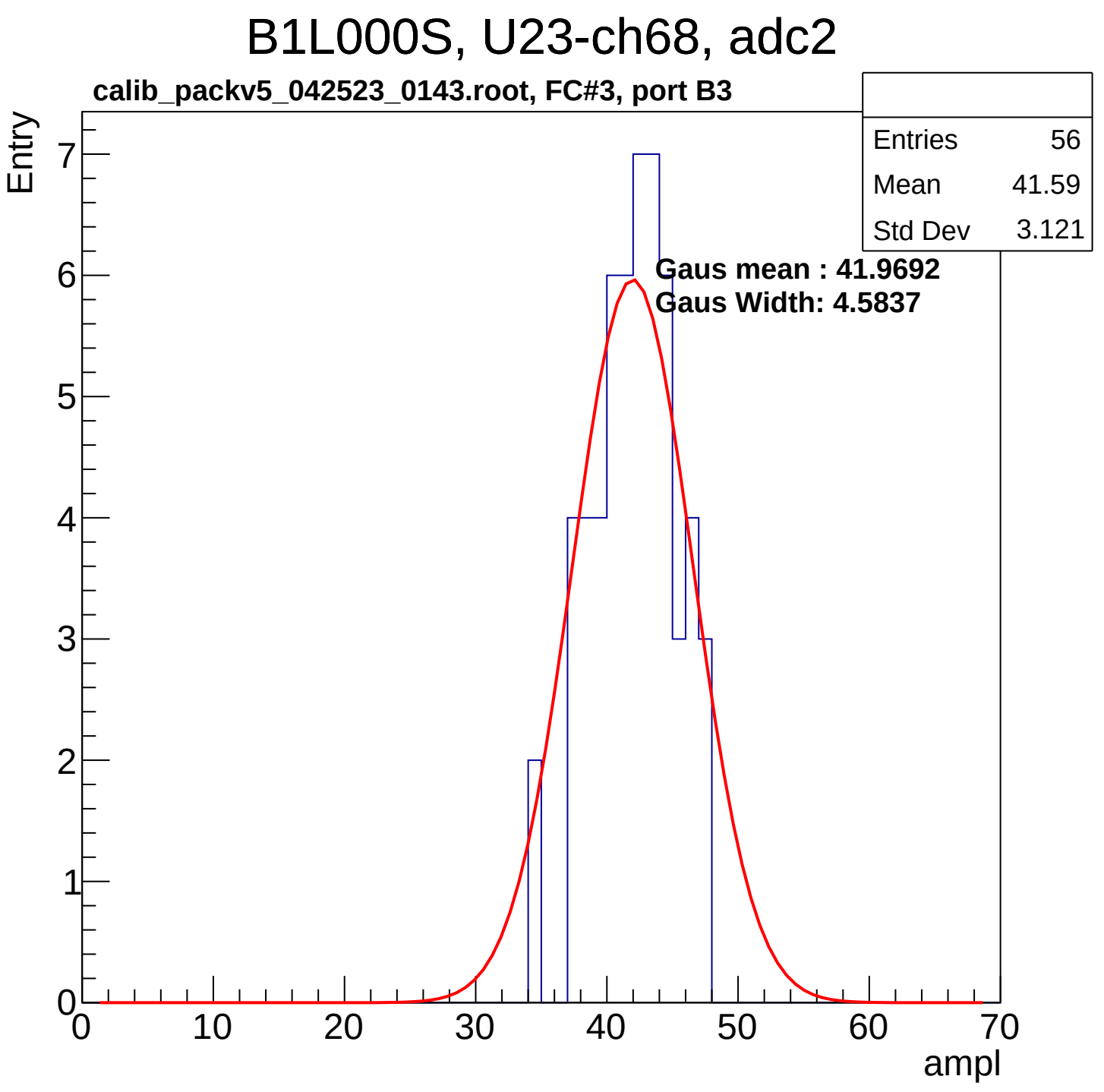
B1L000S, U23-ch68, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.59
Std Dev 3.121
Gaus mean : 41.9692
Gaus Width: 4.5837
Entry
ampl
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1
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3
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0
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60
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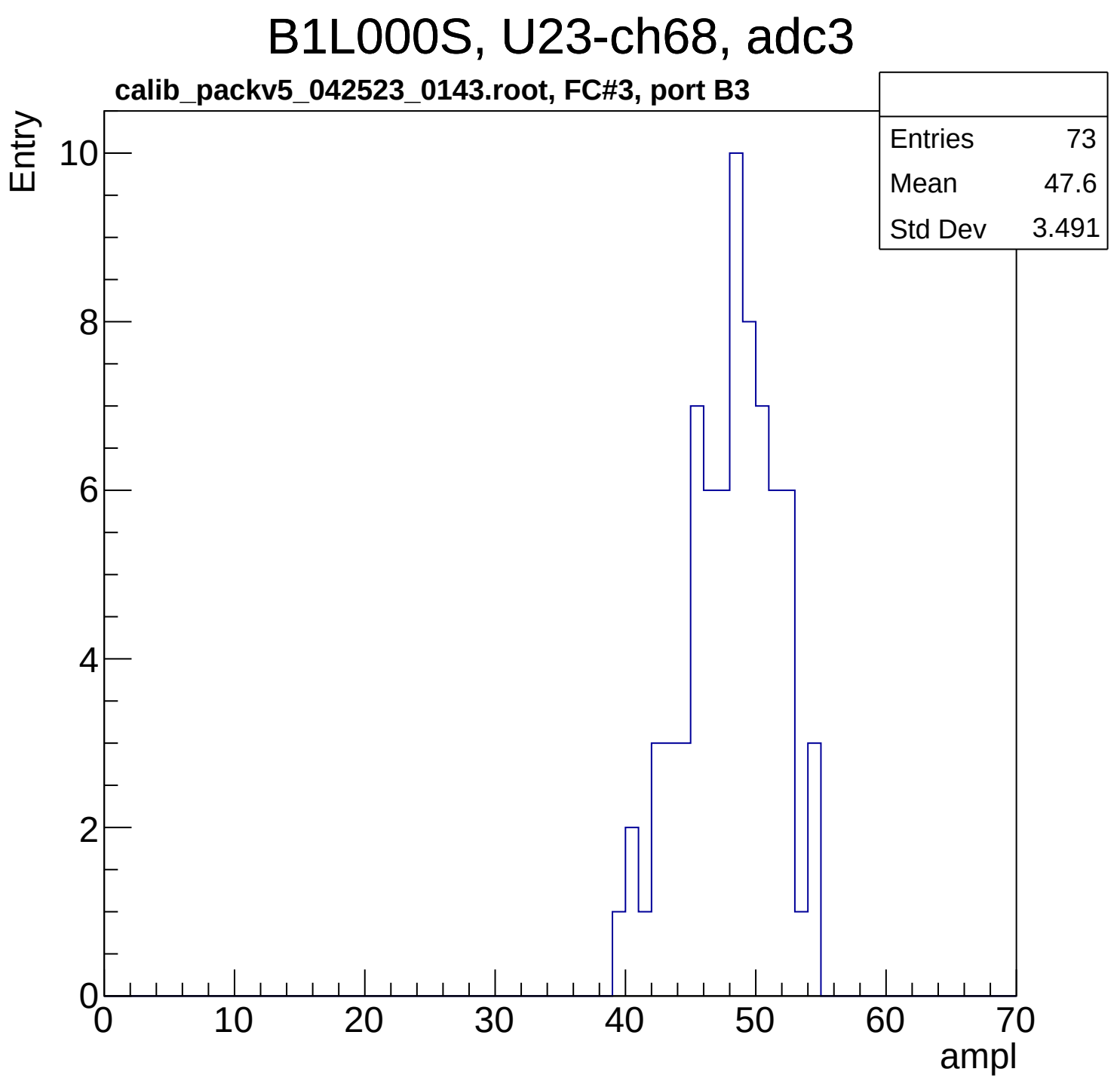
B1L000S, U23-ch68, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 47.6
Std Dev 3.491
Entry
ampl
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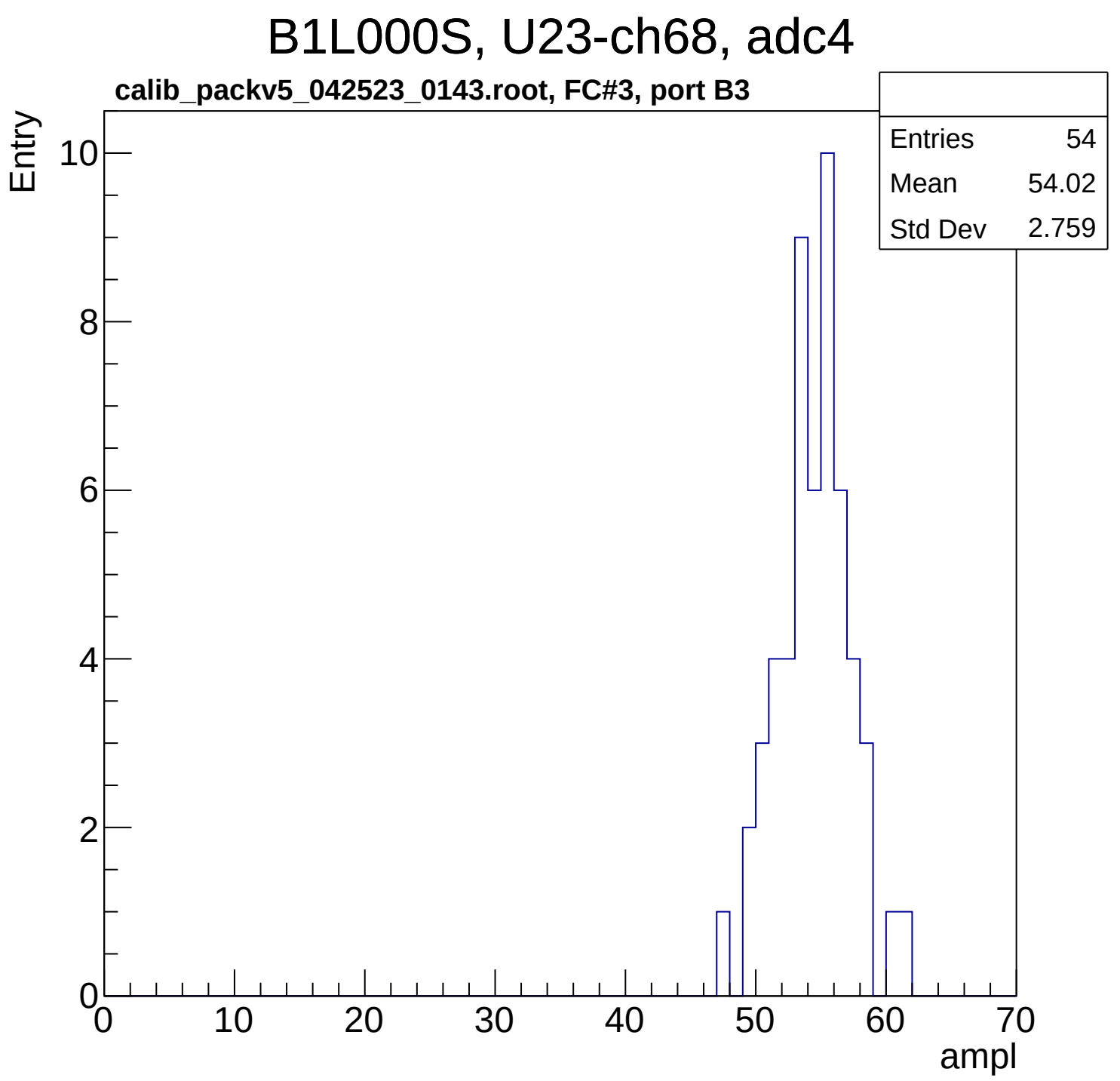
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch68, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.02
Std Dev 2.759
Entry
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4
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8
10
0
10
20
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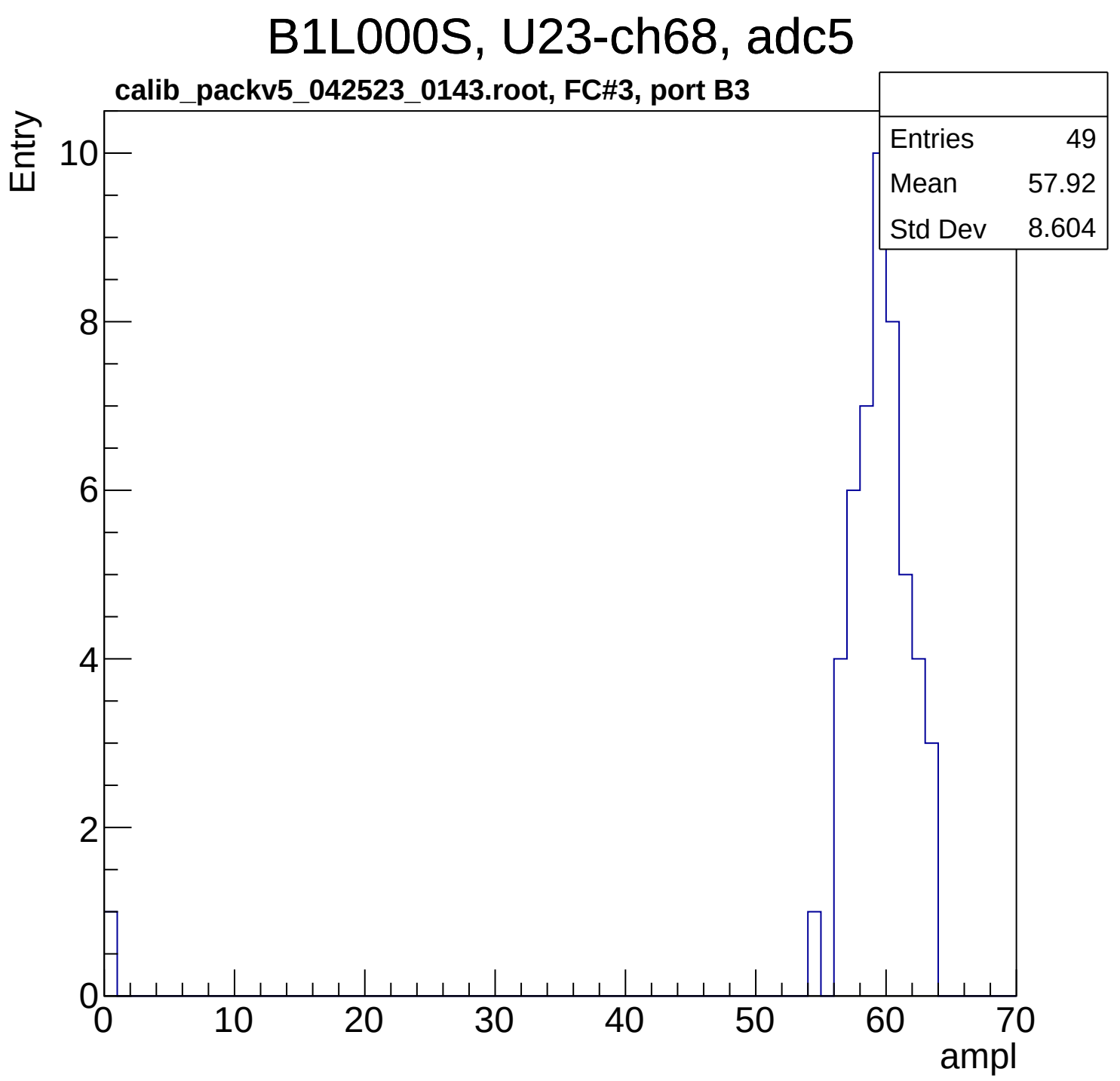
50
60
70
ampl


B1L000S, U23-ch68, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 57.92
Std Dev 8.604
Entry
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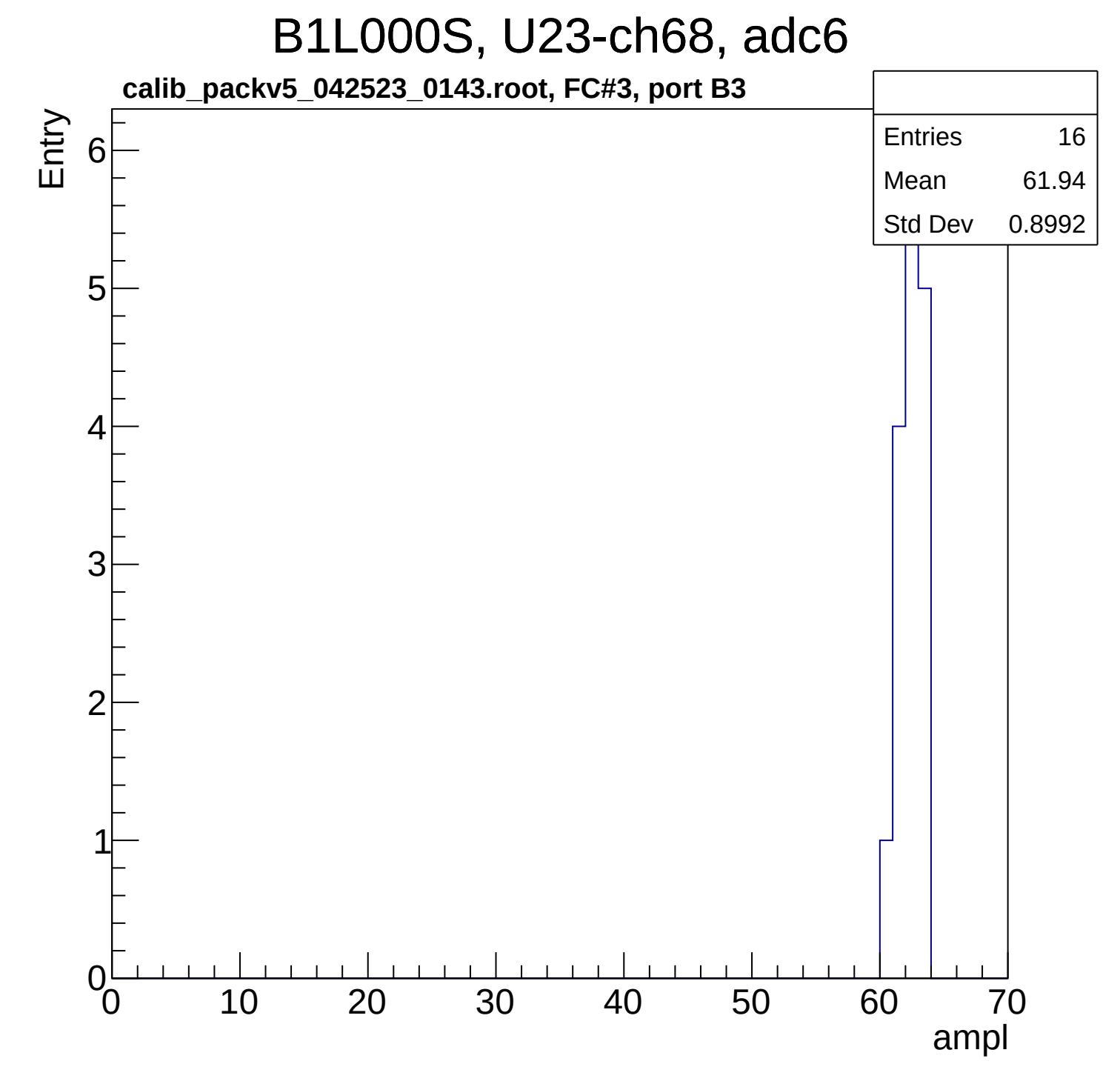
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch68, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.94
Std Dev 0.8992
Entry
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4
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6
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10
20
30
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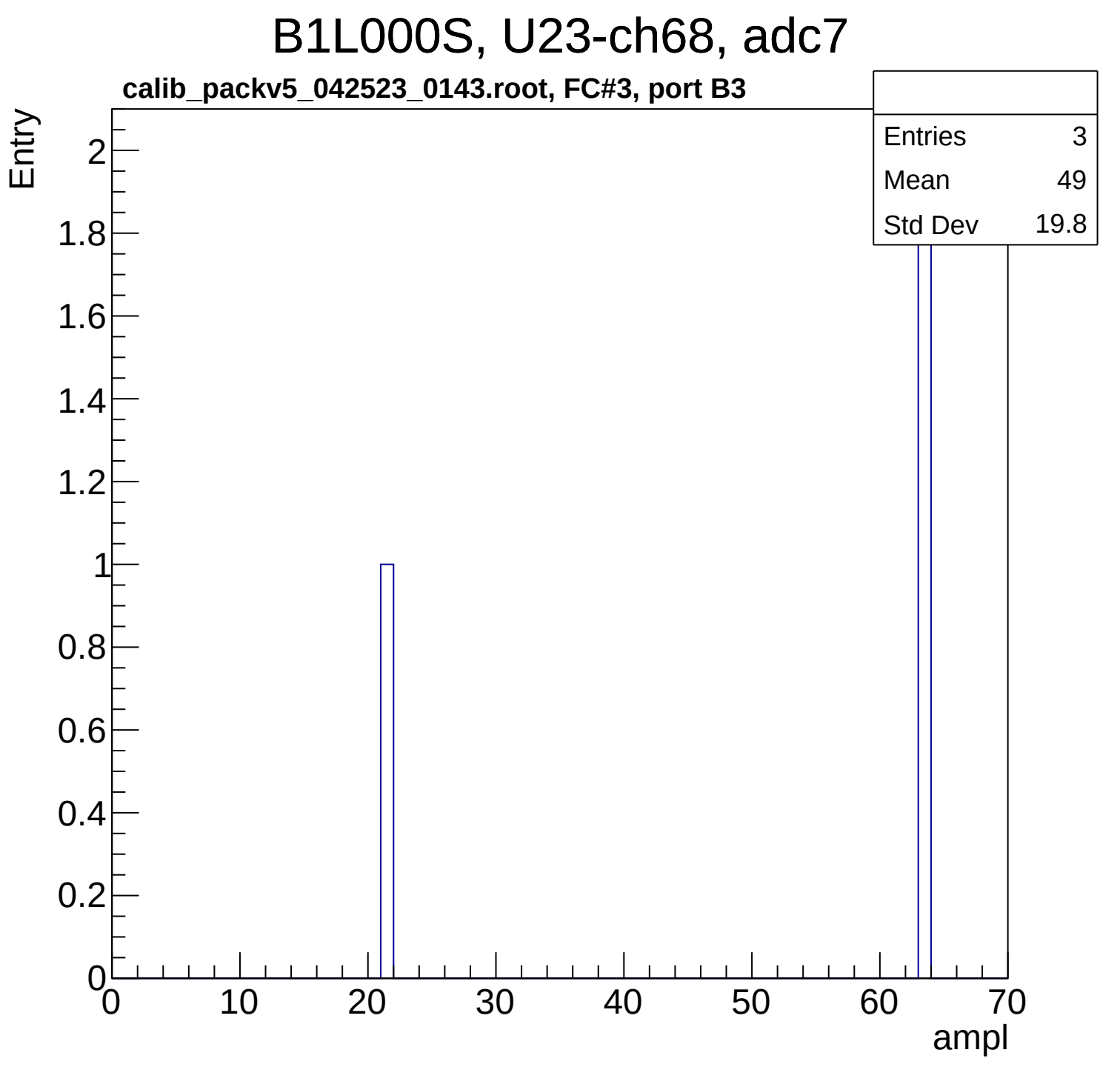
50
60
70
ampl


B1L000S, U23-ch68, 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
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1.2
1.4
1.6
1.8
2
0
10
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40
50
60
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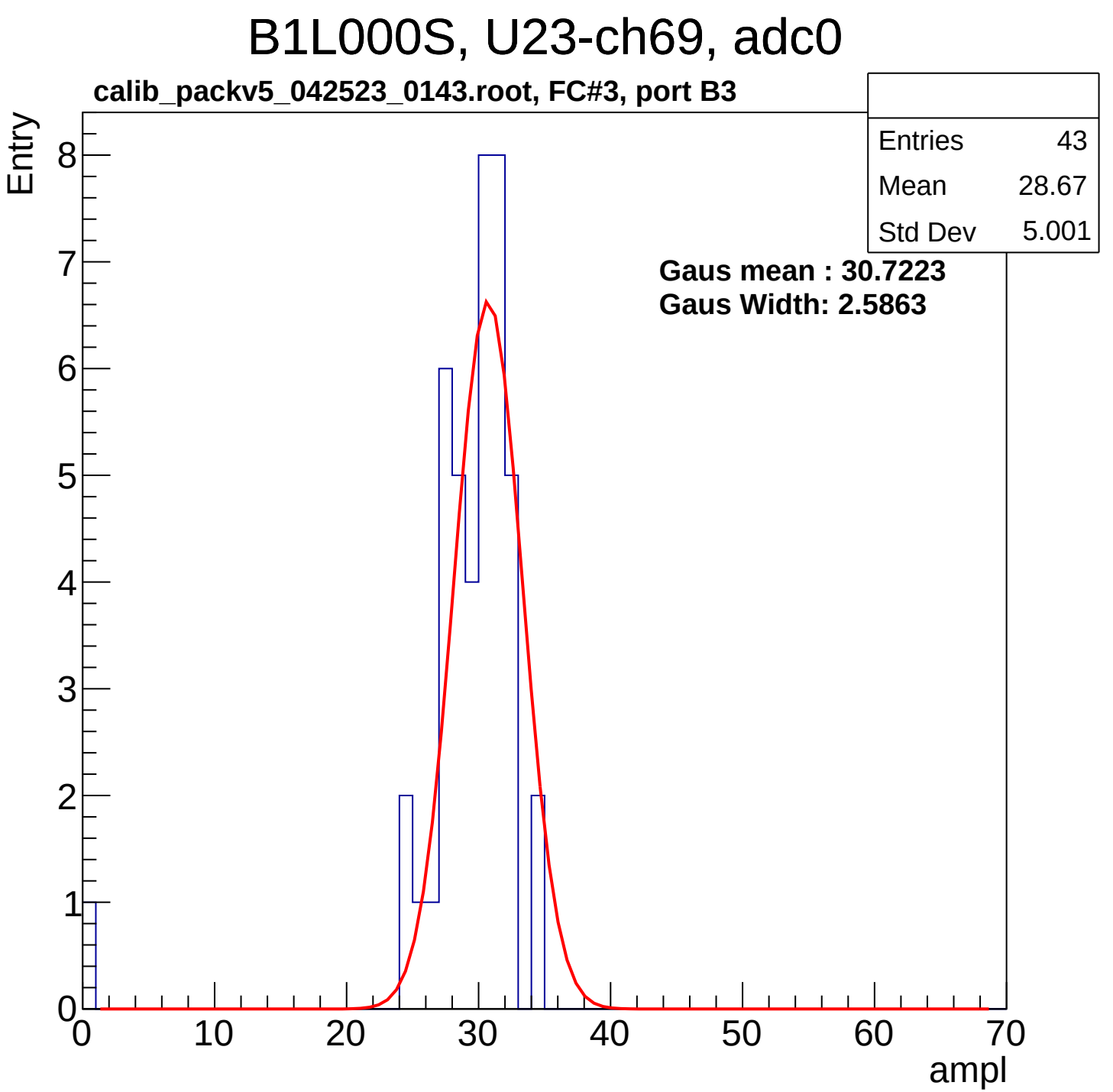
B1L000S, U23-ch69, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 28.67
Std Dev 5.001
Gaus mean : 30.7223
Gaus Width: 2.5863
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
50
60
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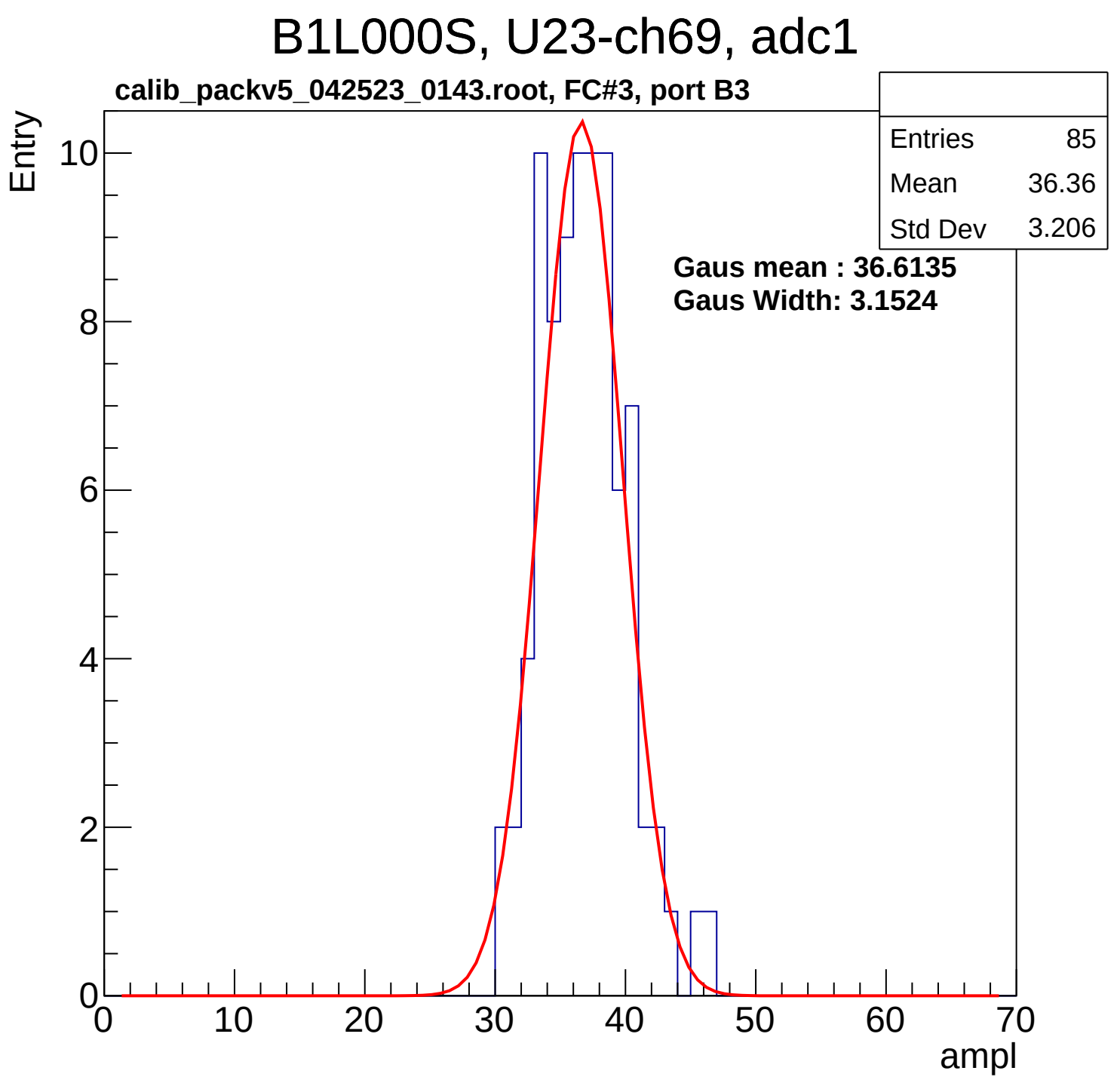
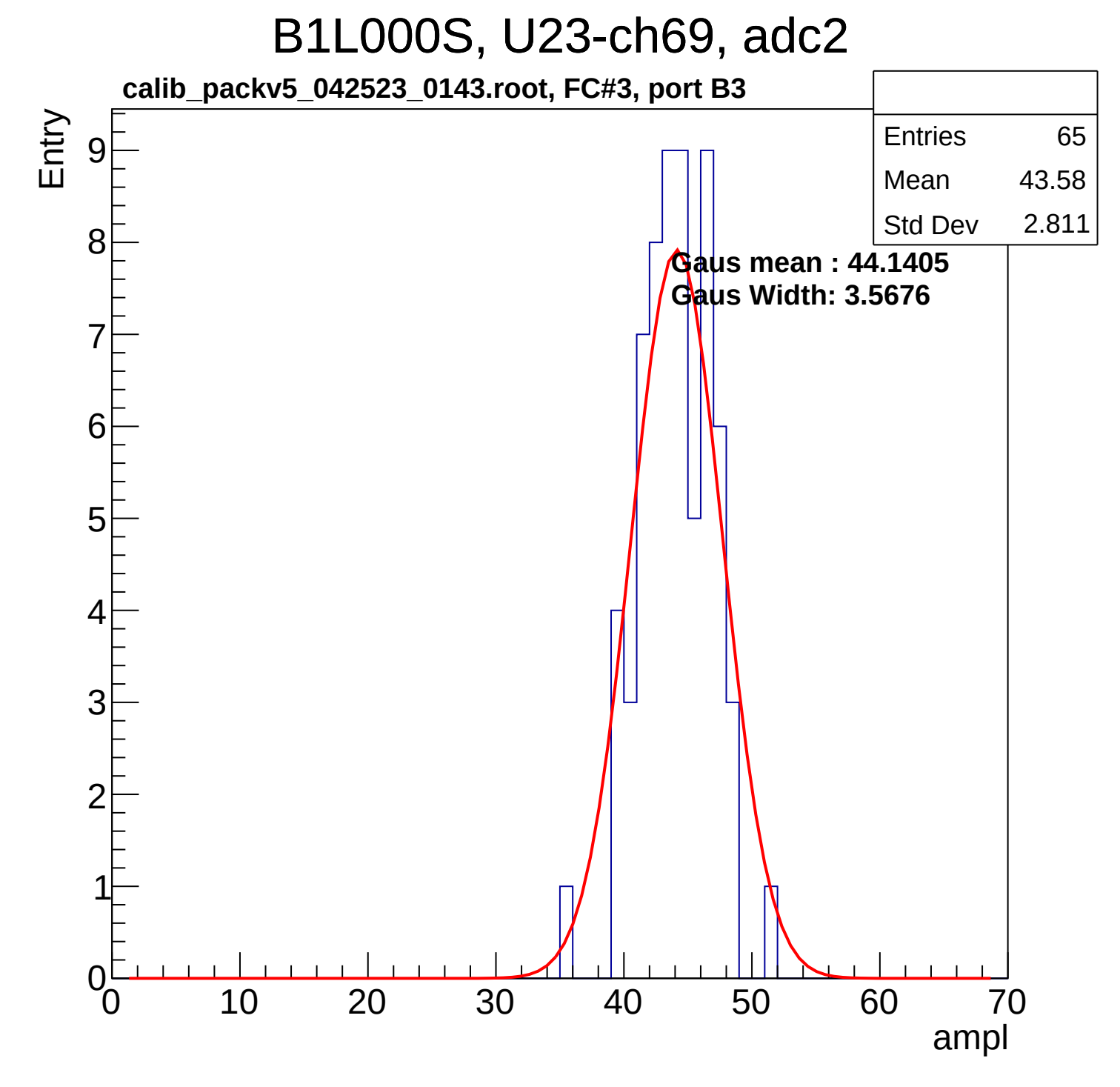

B1L000S, U23-ch69, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 36.36
Std Dev 3.206
Gaus mean : 36.6135
Gaus Width: 3.1524
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch69, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 43.58
Std Dev 2.811
Gaus mean : 44.1405
Gaus Width: 3.5676
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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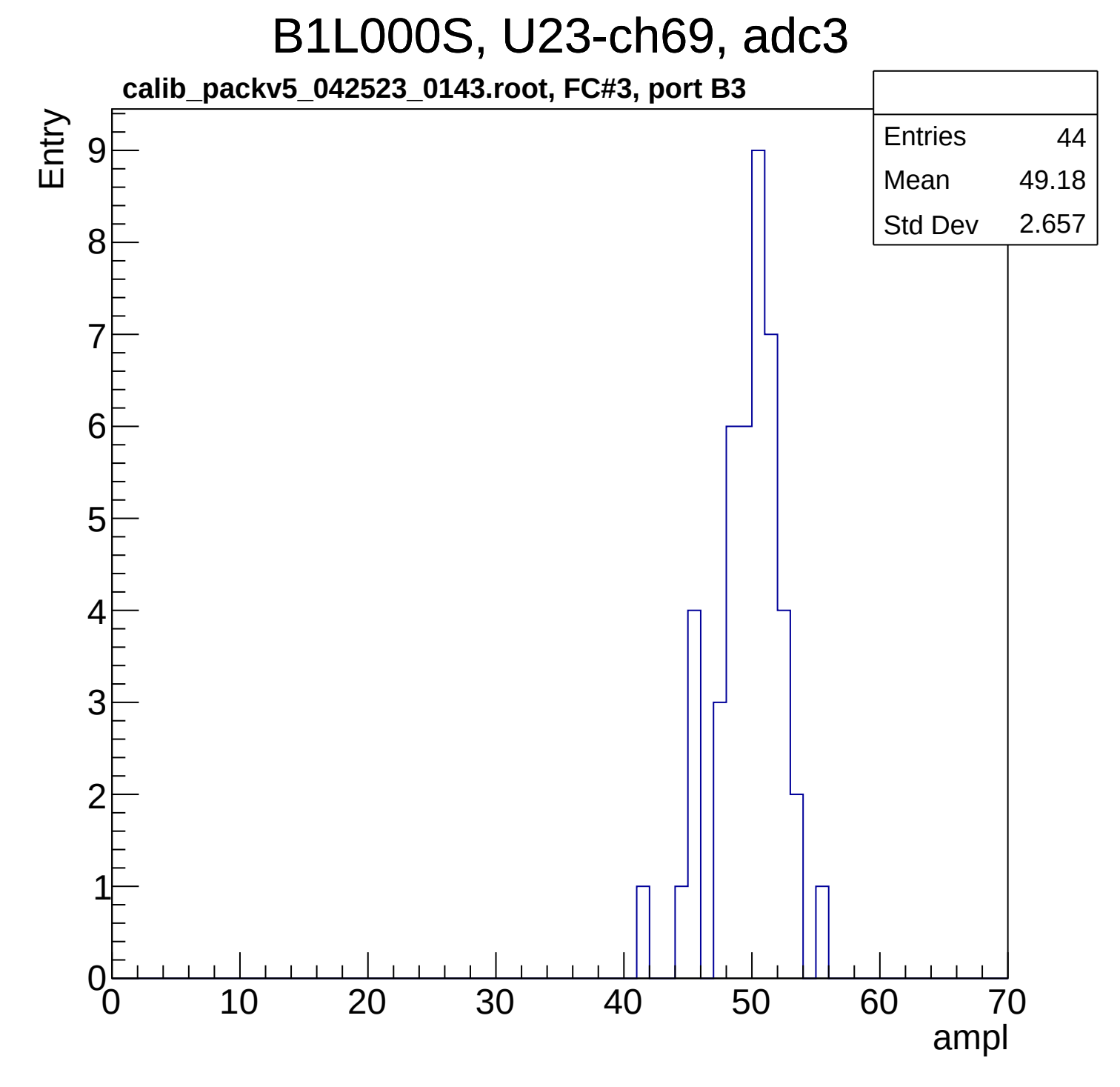
B1L000S, U23-ch69, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 49.18
Std Dev 2.657
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ampl
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6
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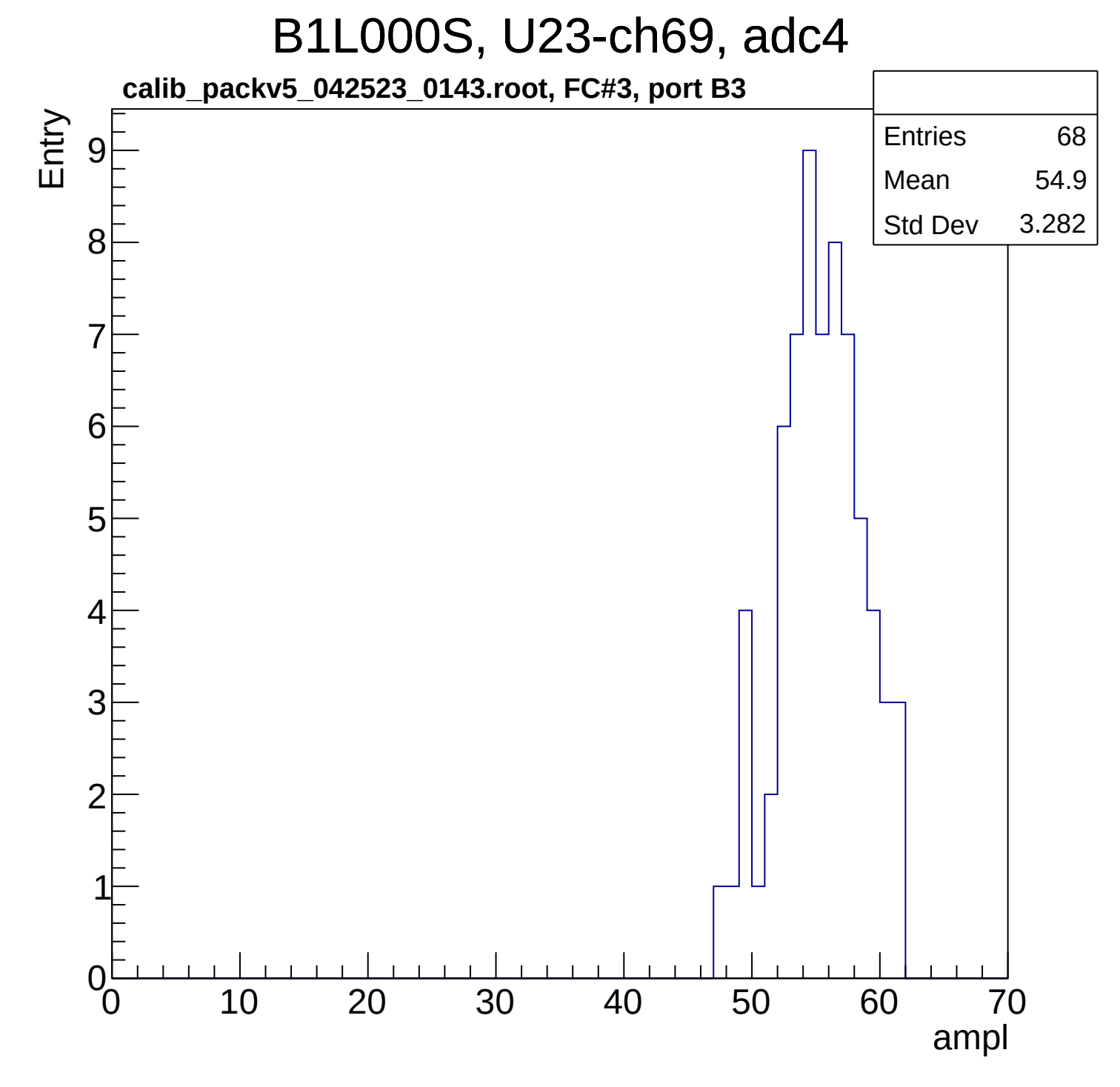
B1L000S, U23-ch69, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 54.9
Std Dev 3.282
Entry
ampl
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3
4
5
6
7
8
9
0
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50
60
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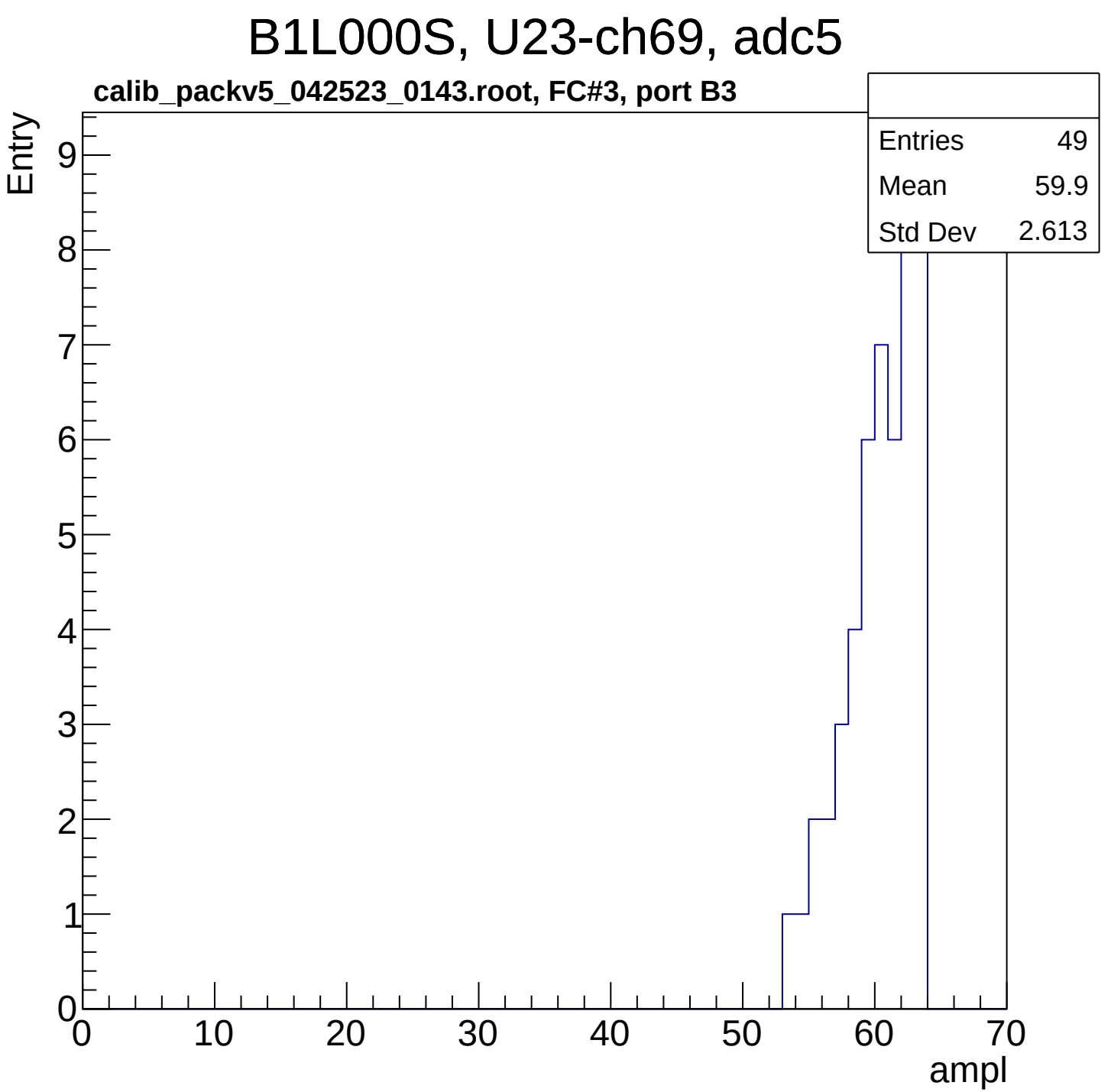
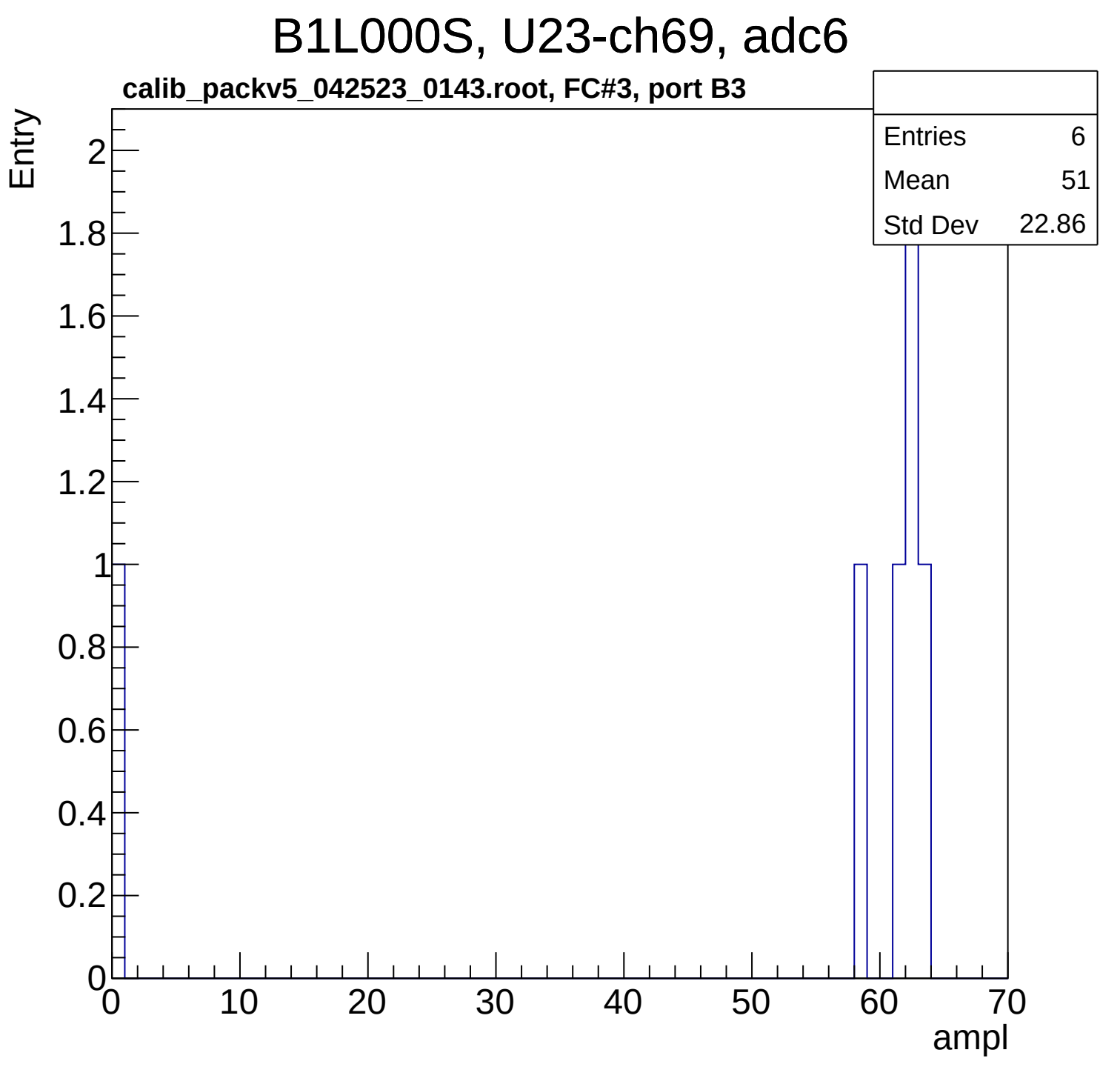

B1L000S, U23-ch69, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.9
Std Dev 2.613
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch69, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 51
Std Dev 22.86
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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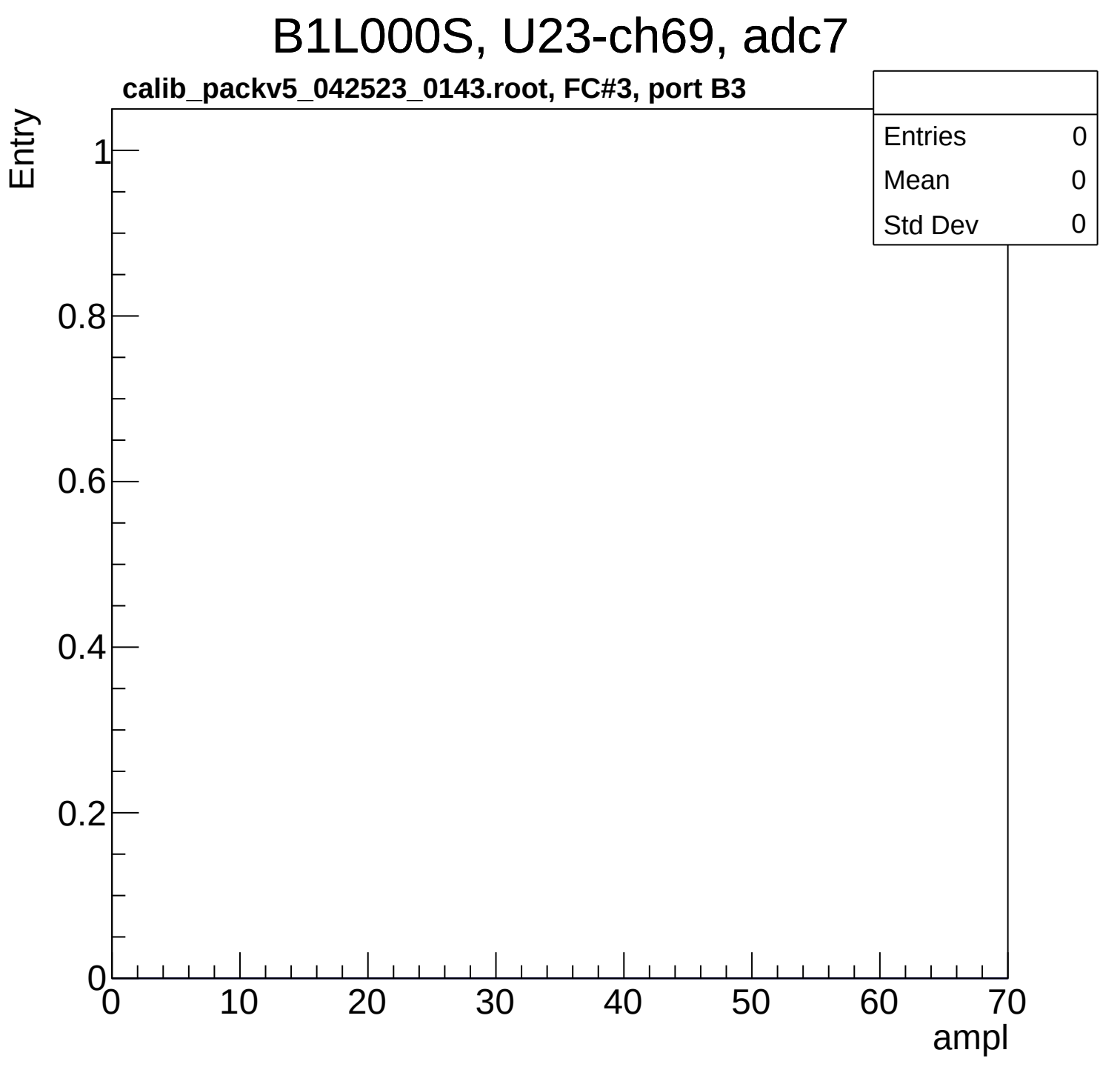
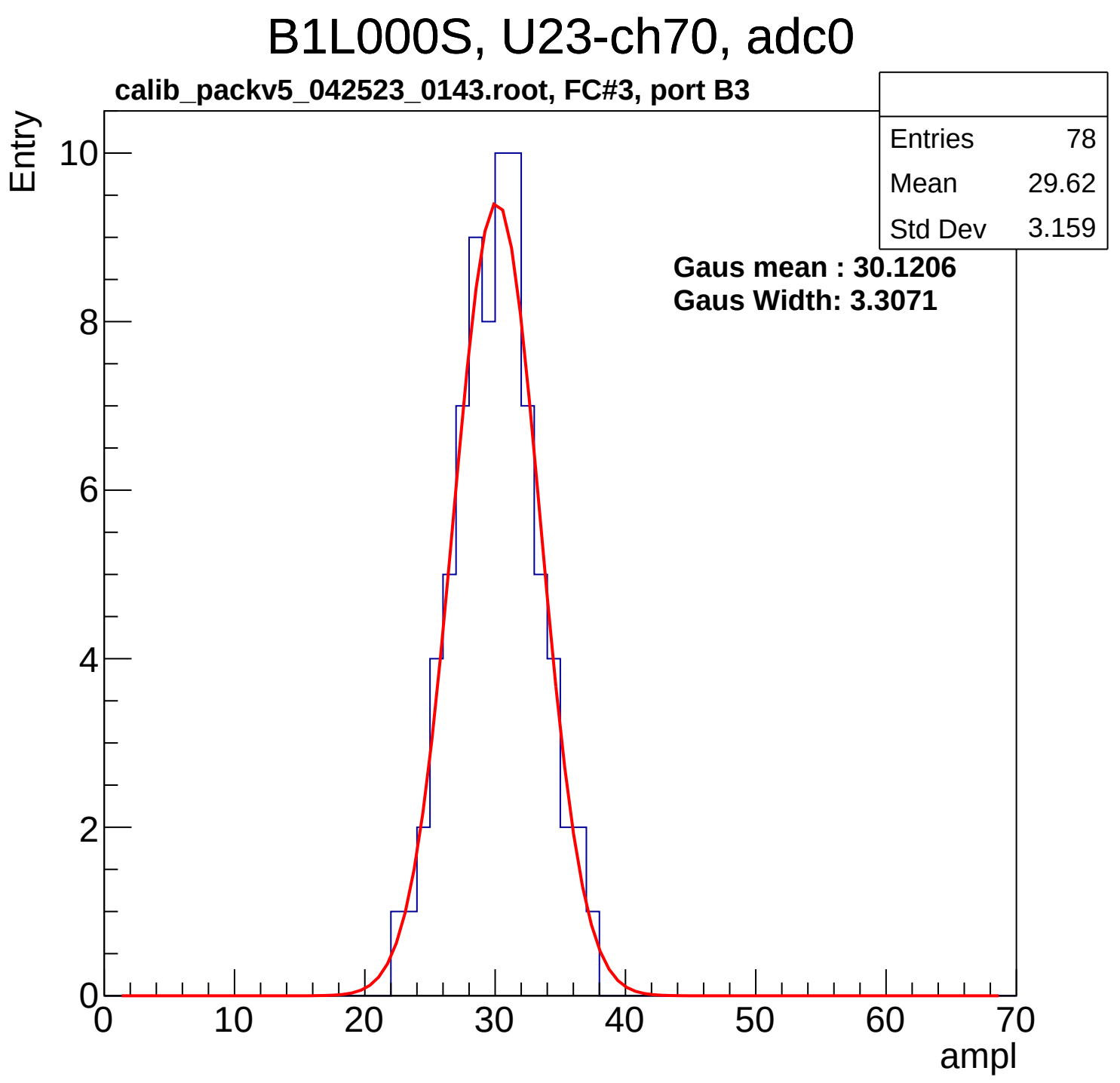
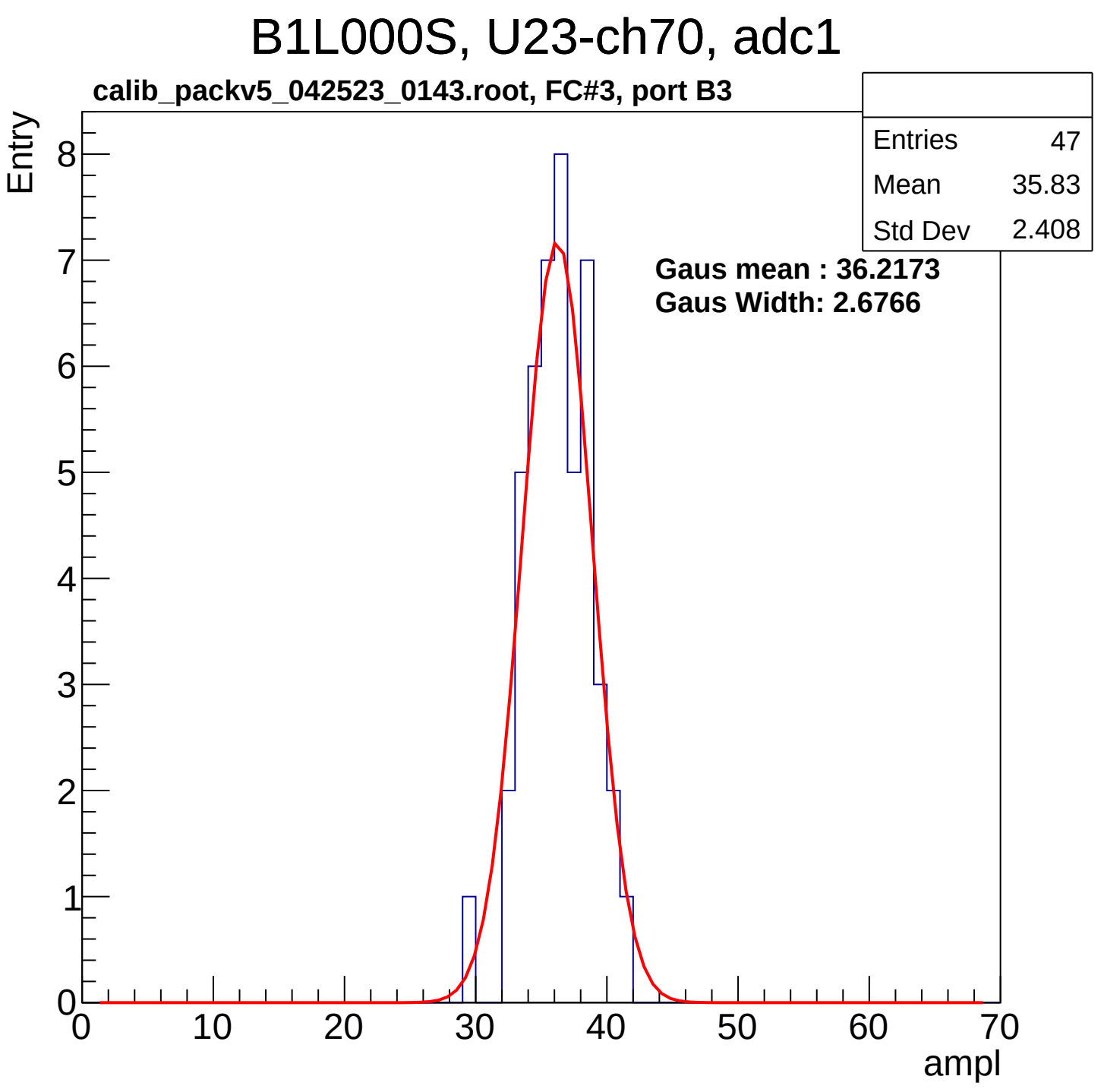
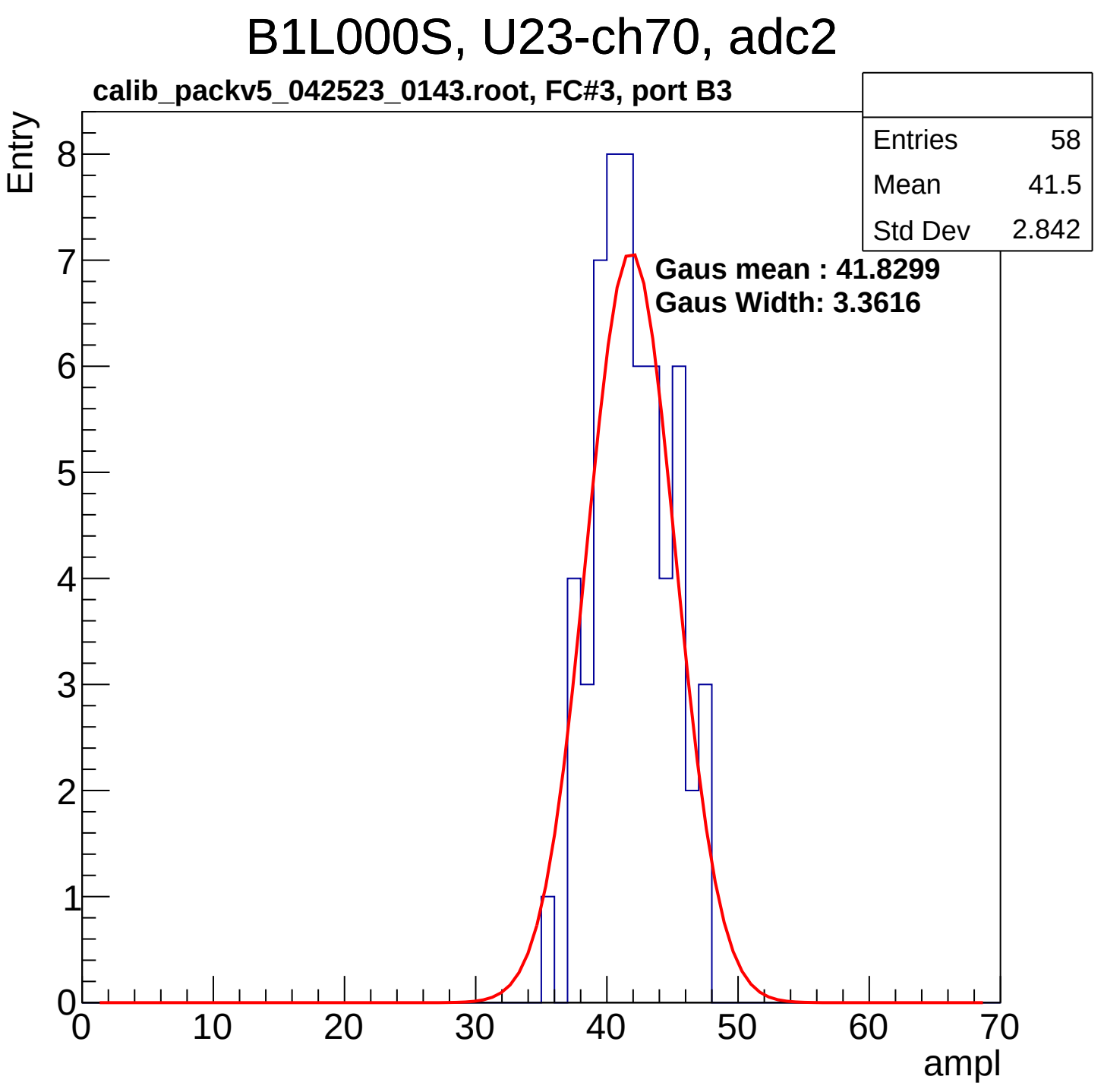
40
50
60
70


B1L000S, U23-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, U23-ch70, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 29.62
Std Dev 3.159
Gaus mean : 30.1206
Gaus Width: 3.3071
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch70, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 35.83
Std Dev 2.408
Gaus mean : 36.2173
Gaus Width: 2.6766
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch70, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 41.5
Std Dev 2.842
Gaus mean : 41.8299
Gaus Width: 3.3616
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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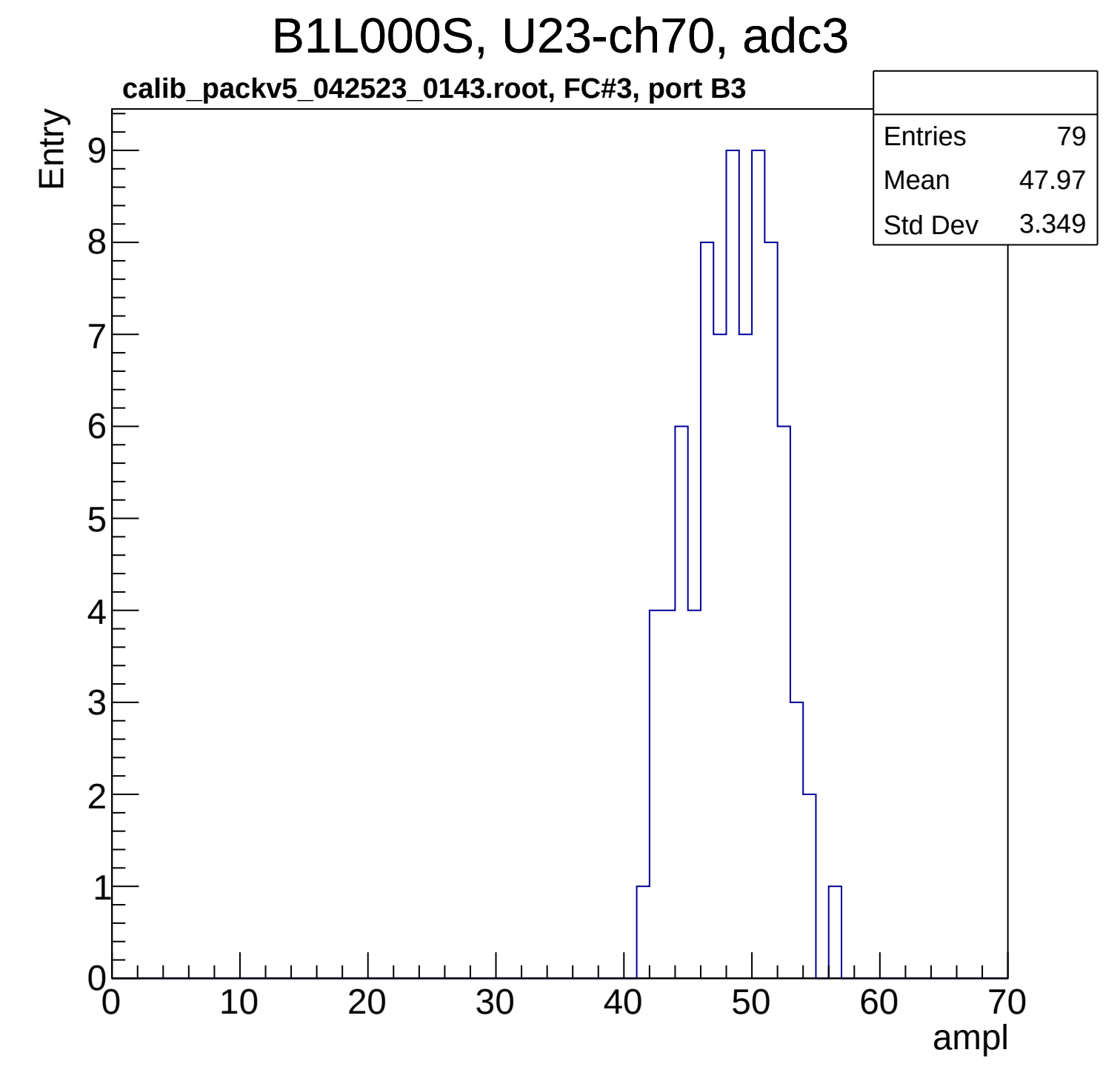
B1L000S, U23-ch70, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 47.97
Std Dev 3.349
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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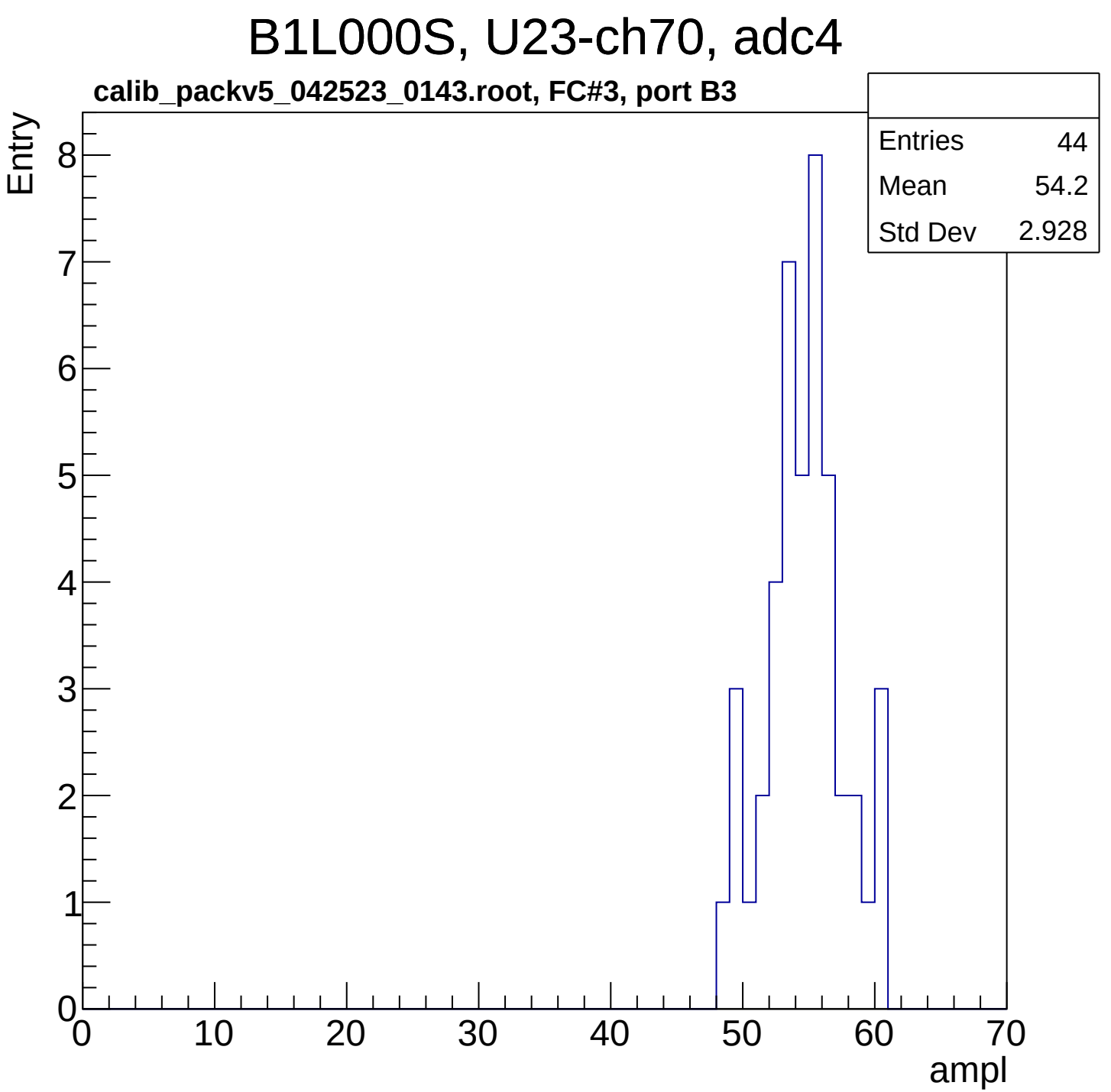
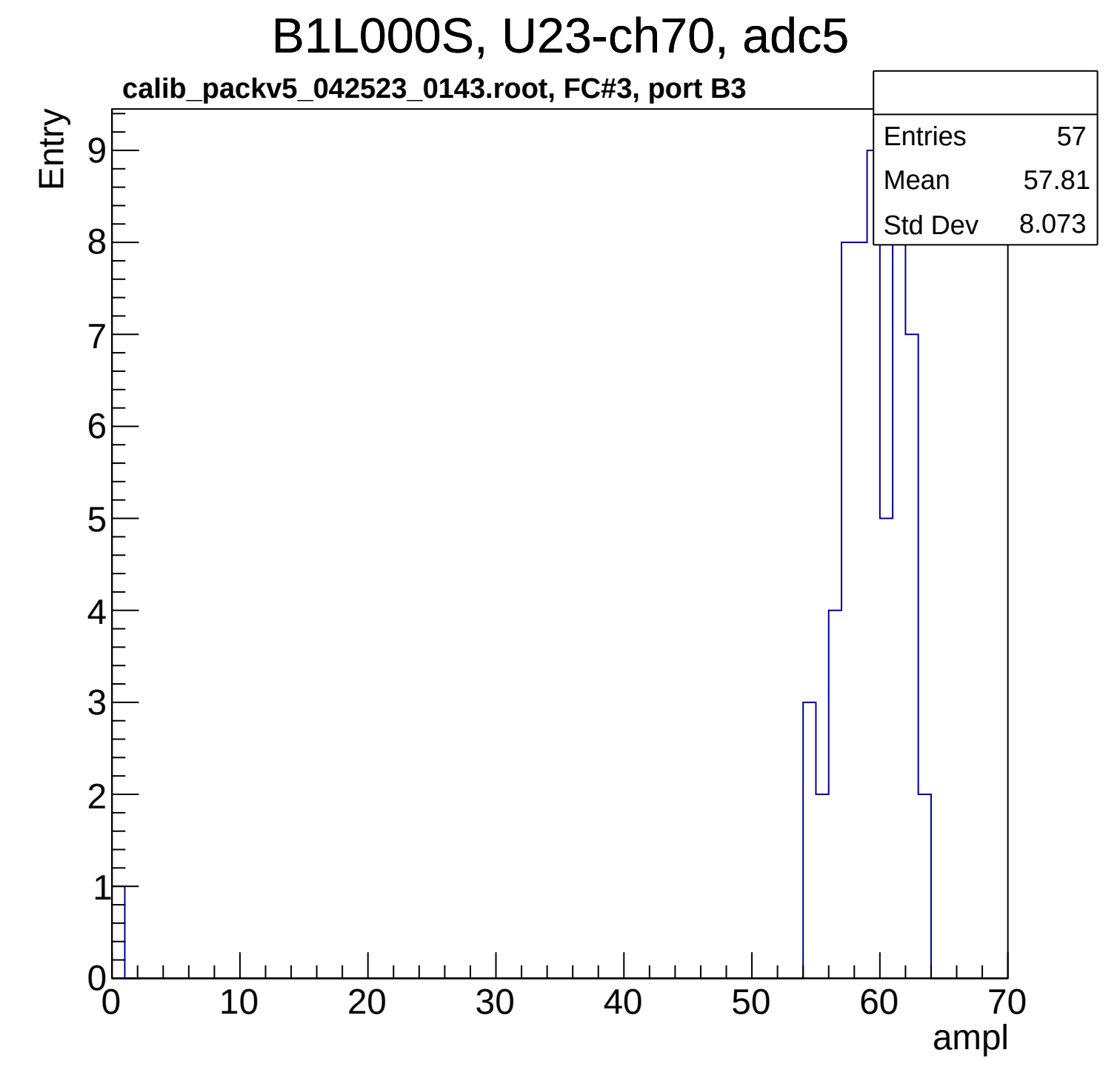
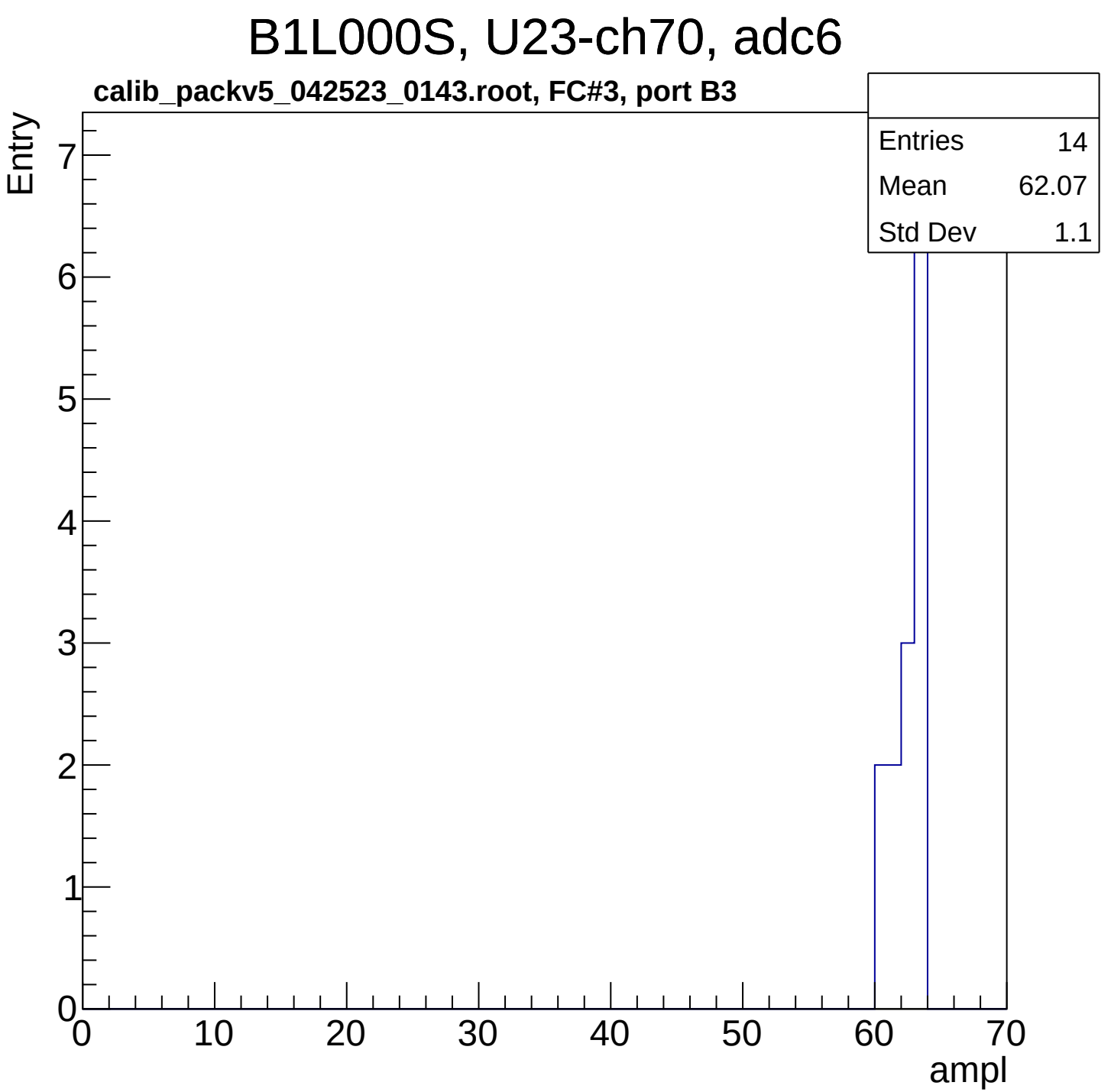
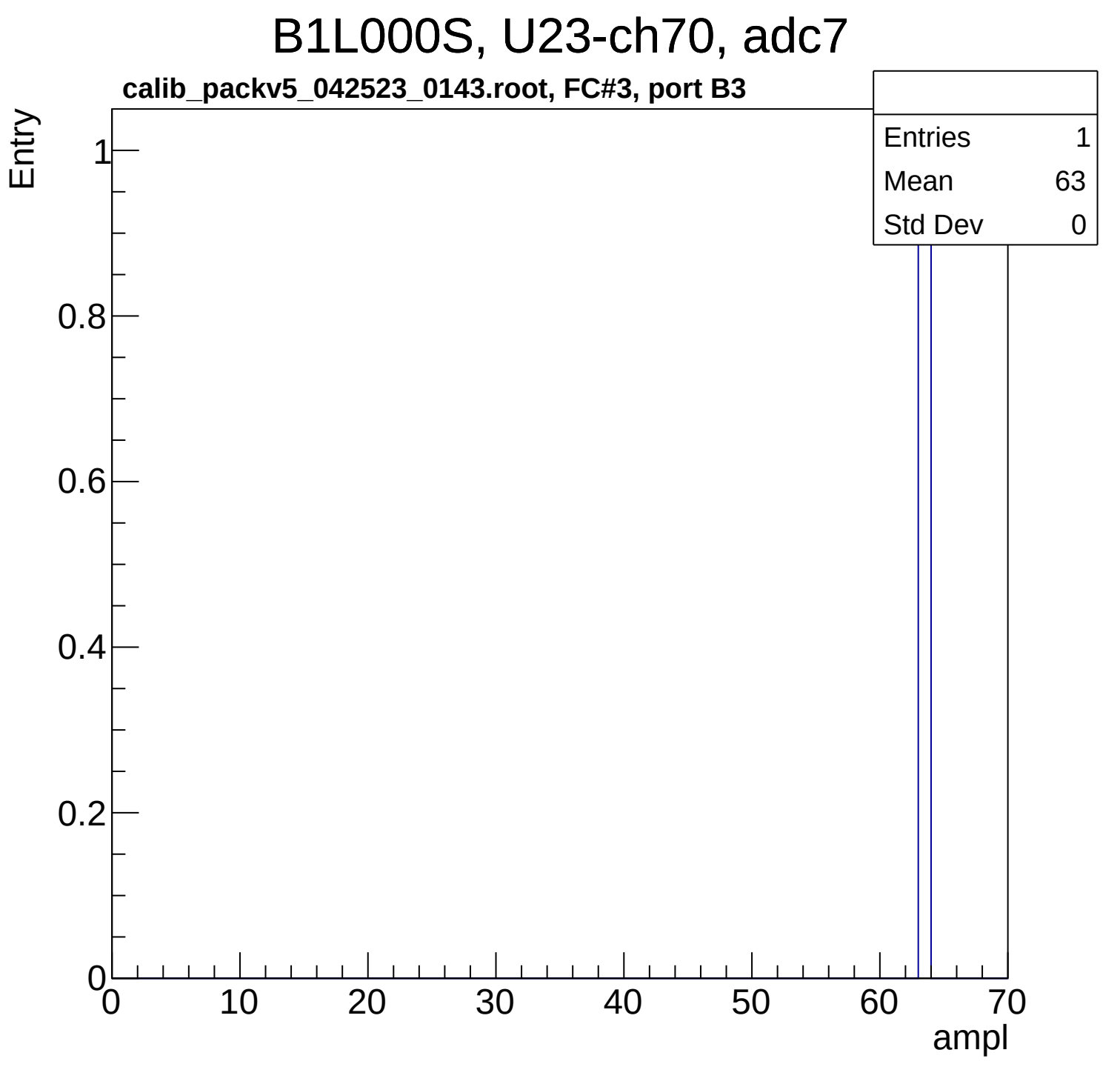
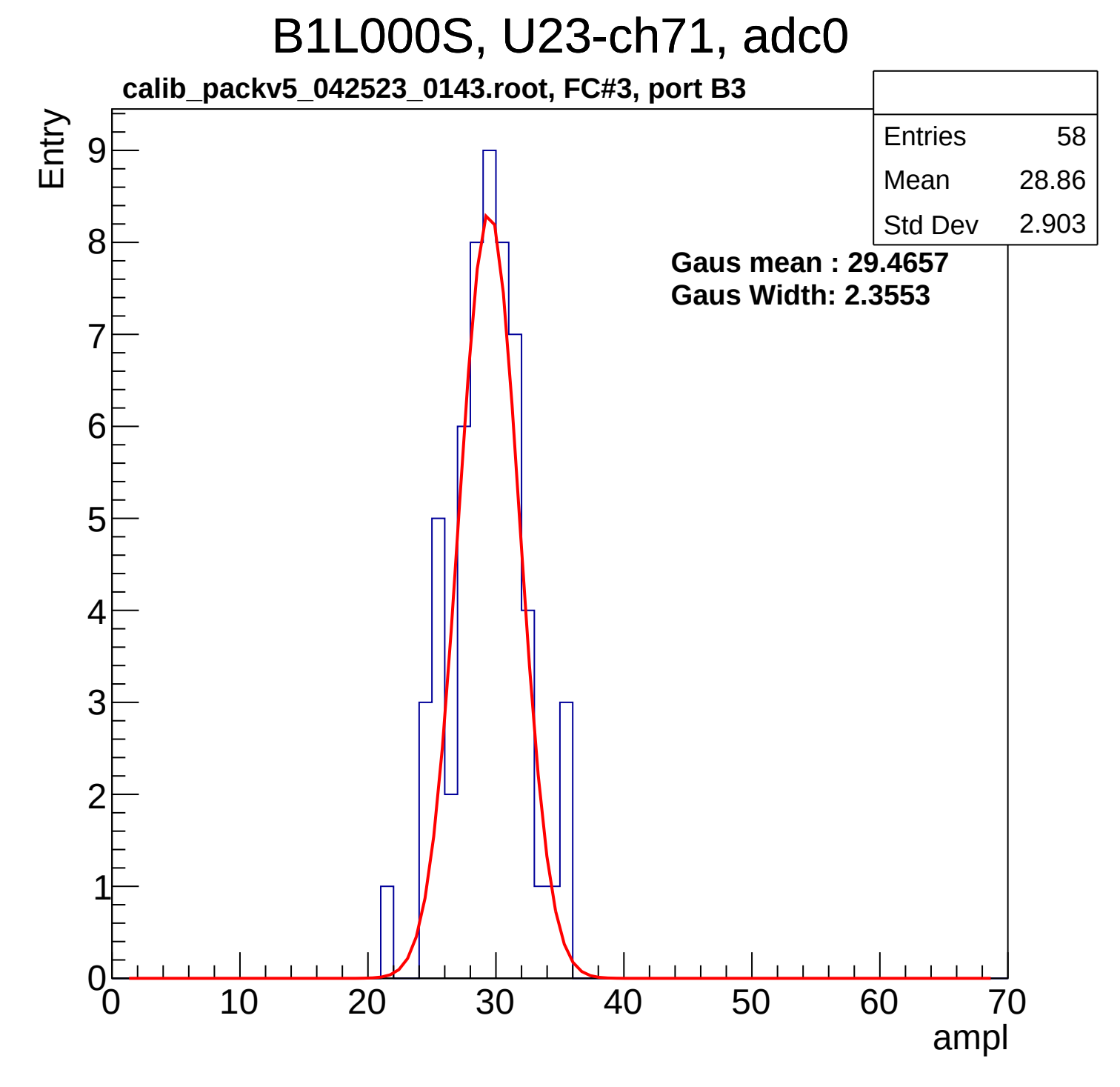
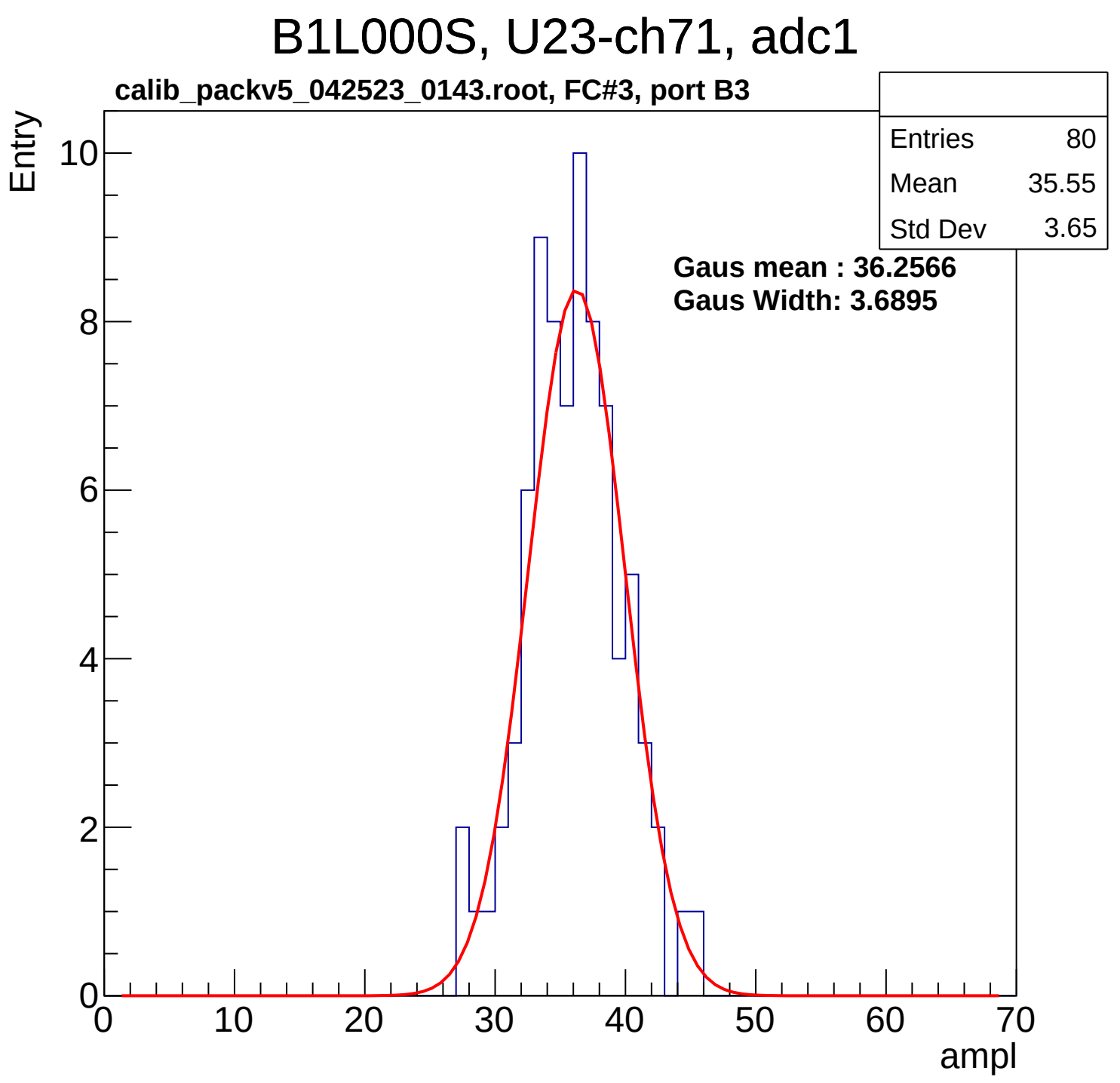

B1L000S, U23-ch70, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 54.2
Std Dev 2.928
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

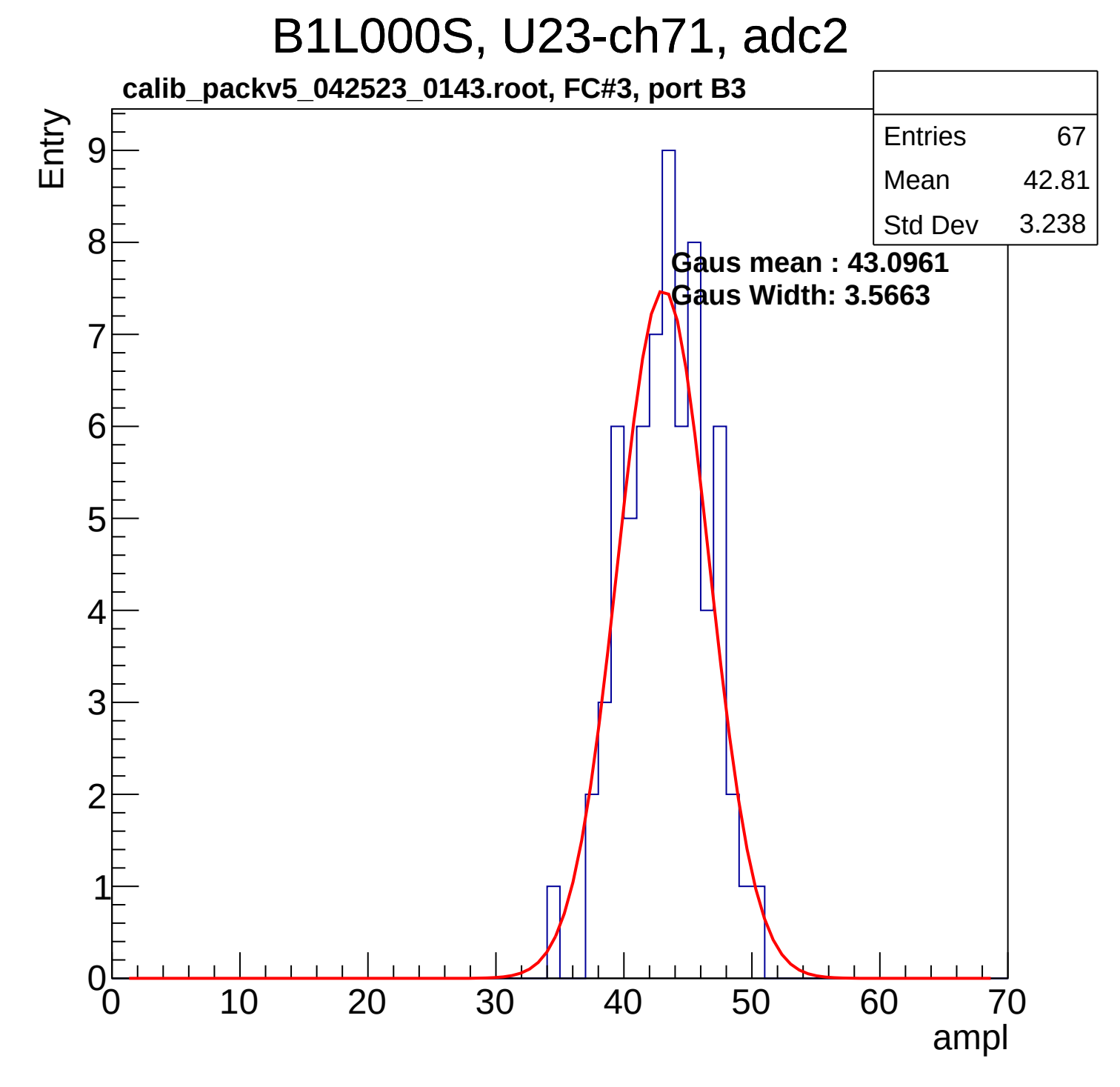

B1L000S, U23-ch70, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.81
Std Dev 8.073
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

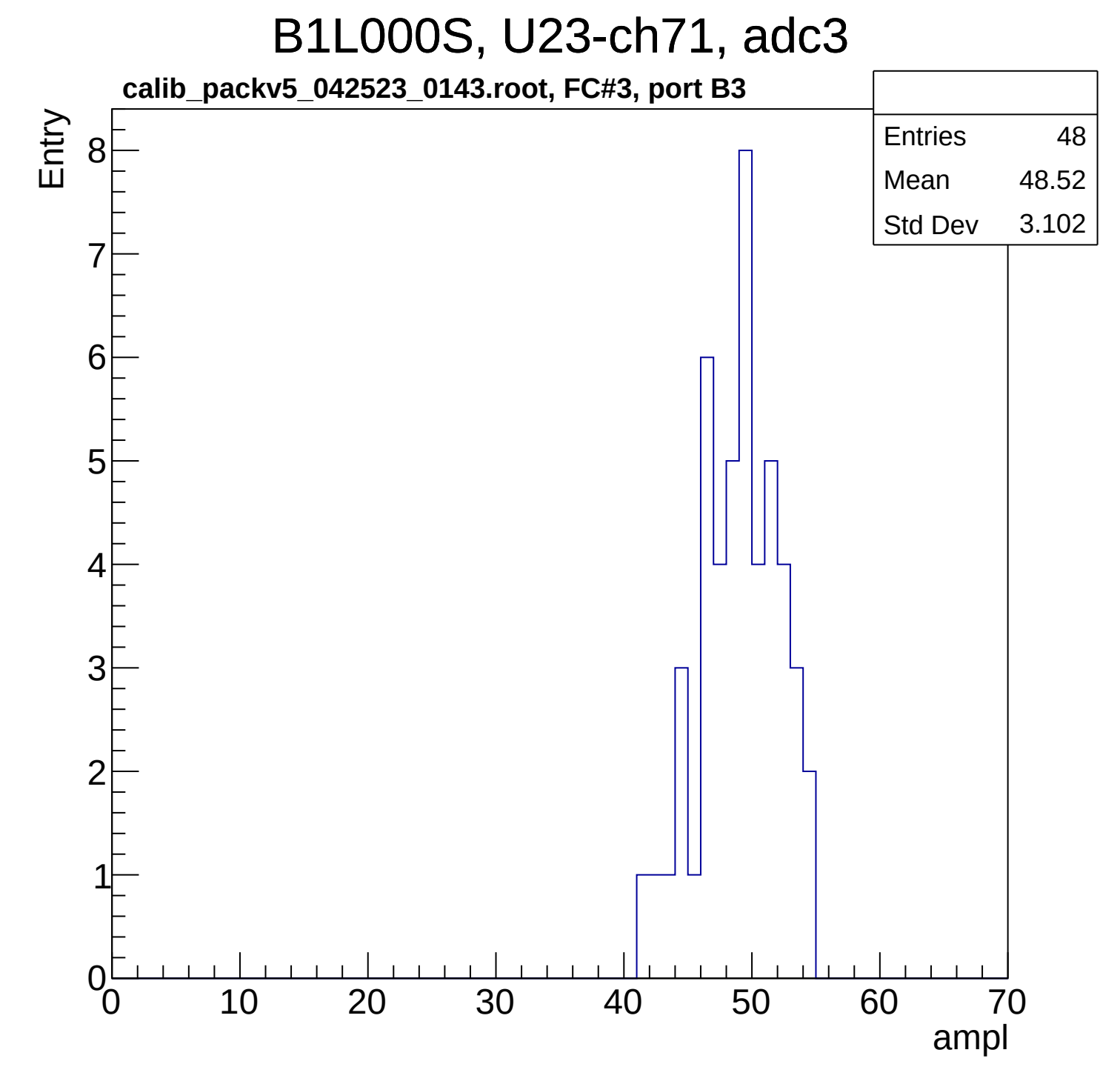

B1L000S, U23-ch70, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 62.07
Std Dev 1.1
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

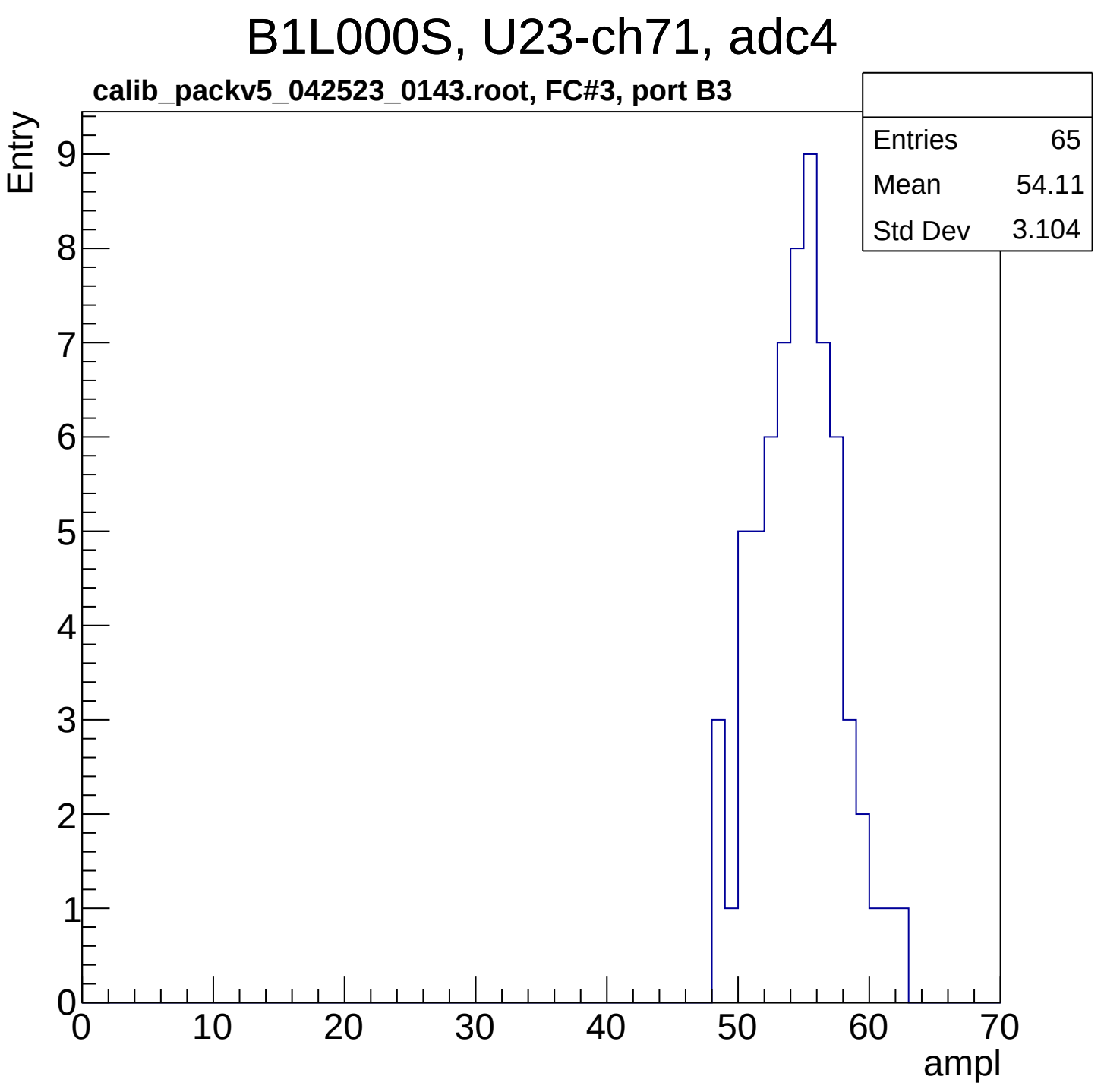

B1L000S, U23-ch70, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

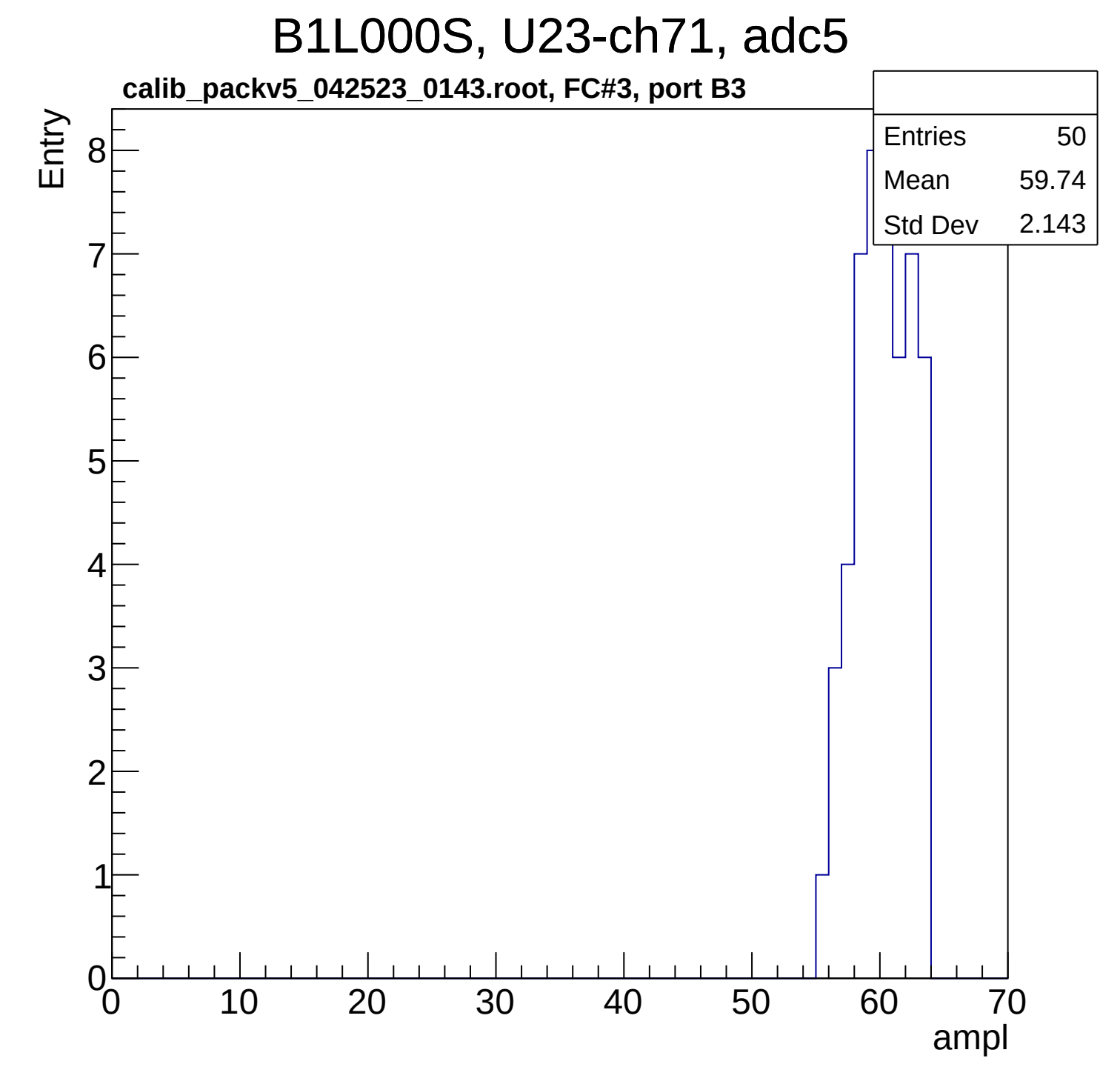

B1L000S, U23-ch71, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 28.86
Std Dev 2.903
Gaus mean : 29.4657
Gaus Width: 2.3553
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

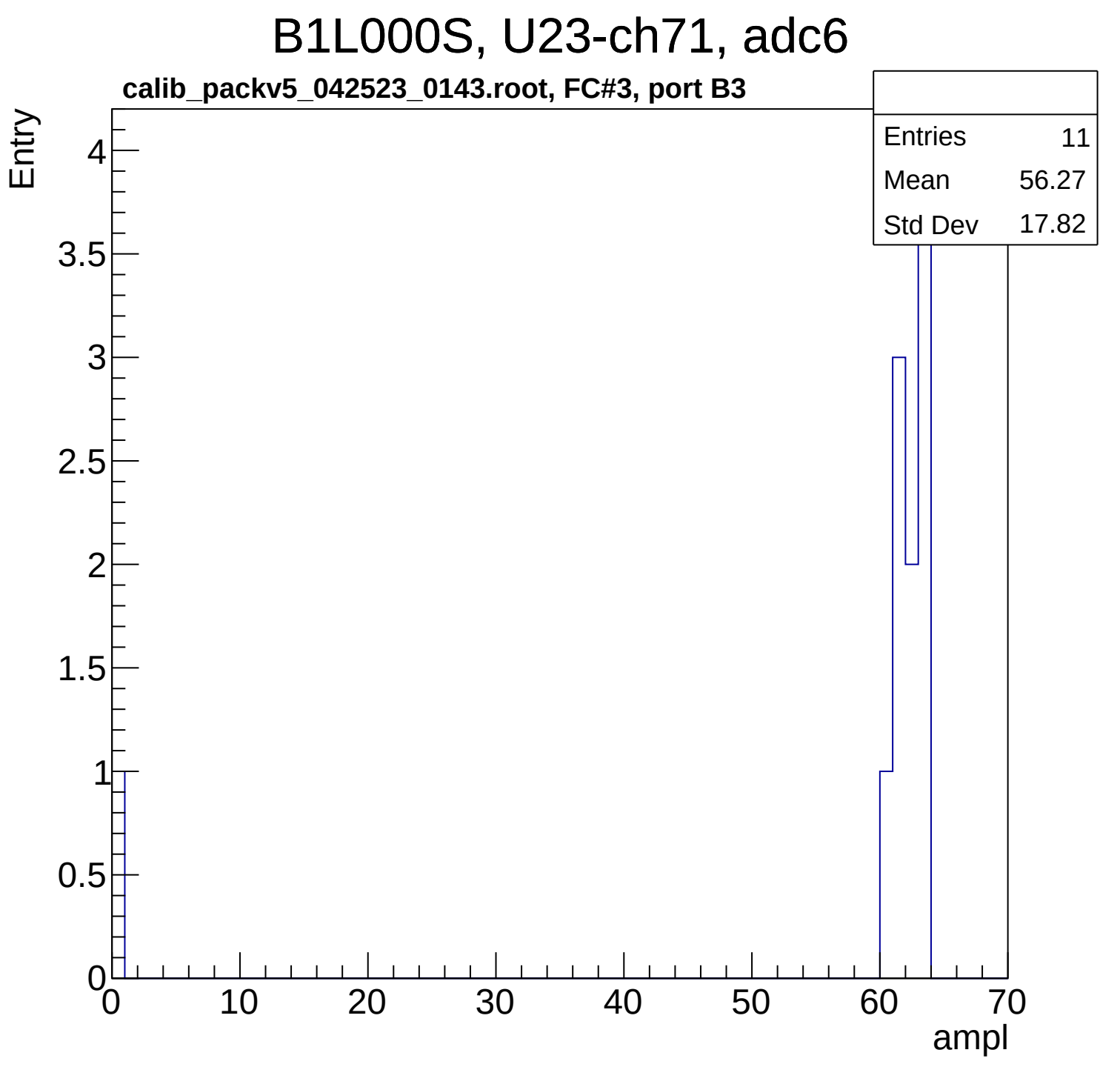

B1L000S, U23-ch71, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 35.55
Std Dev 3.65
Gaus mean : 36.2566
Gaus Width: 3.6895
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

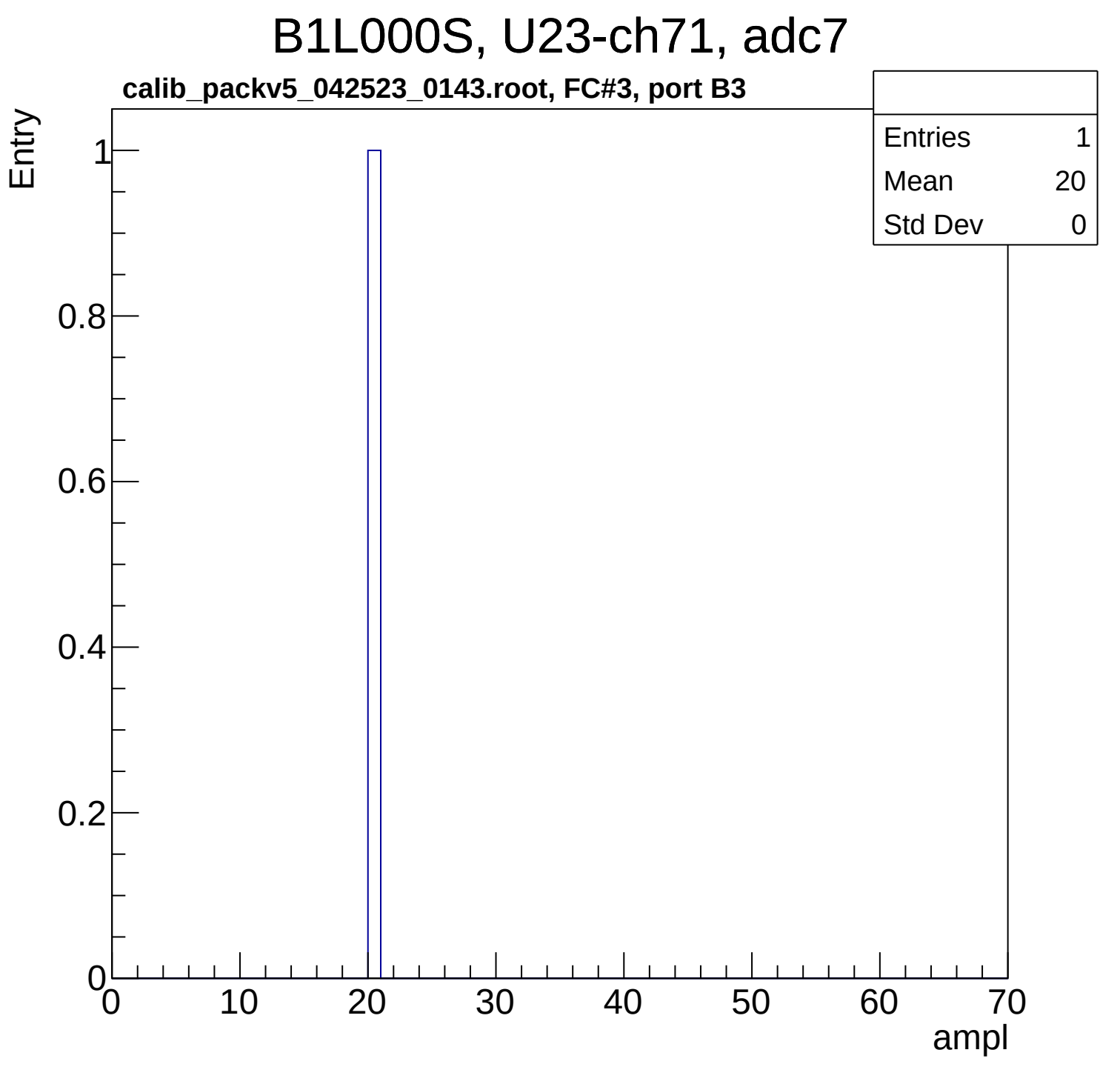

B1L000S, U23-ch71, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 42.81
Std Dev 3.238
Gaus mean : 43.0961
Gaus Width: 3.5663
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

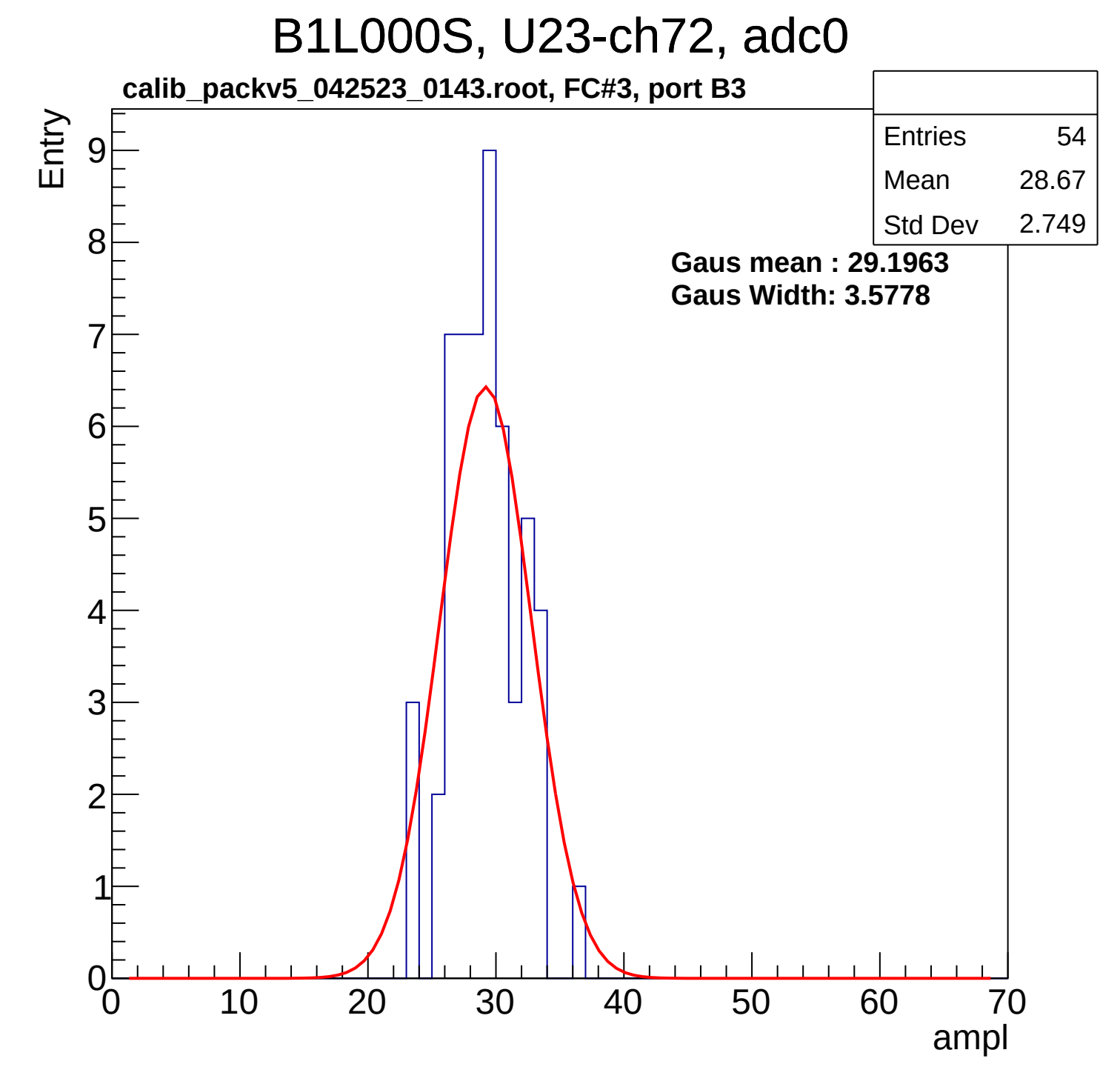

B1L000S, U23-ch71, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 48.52
Std Dev 3.102
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

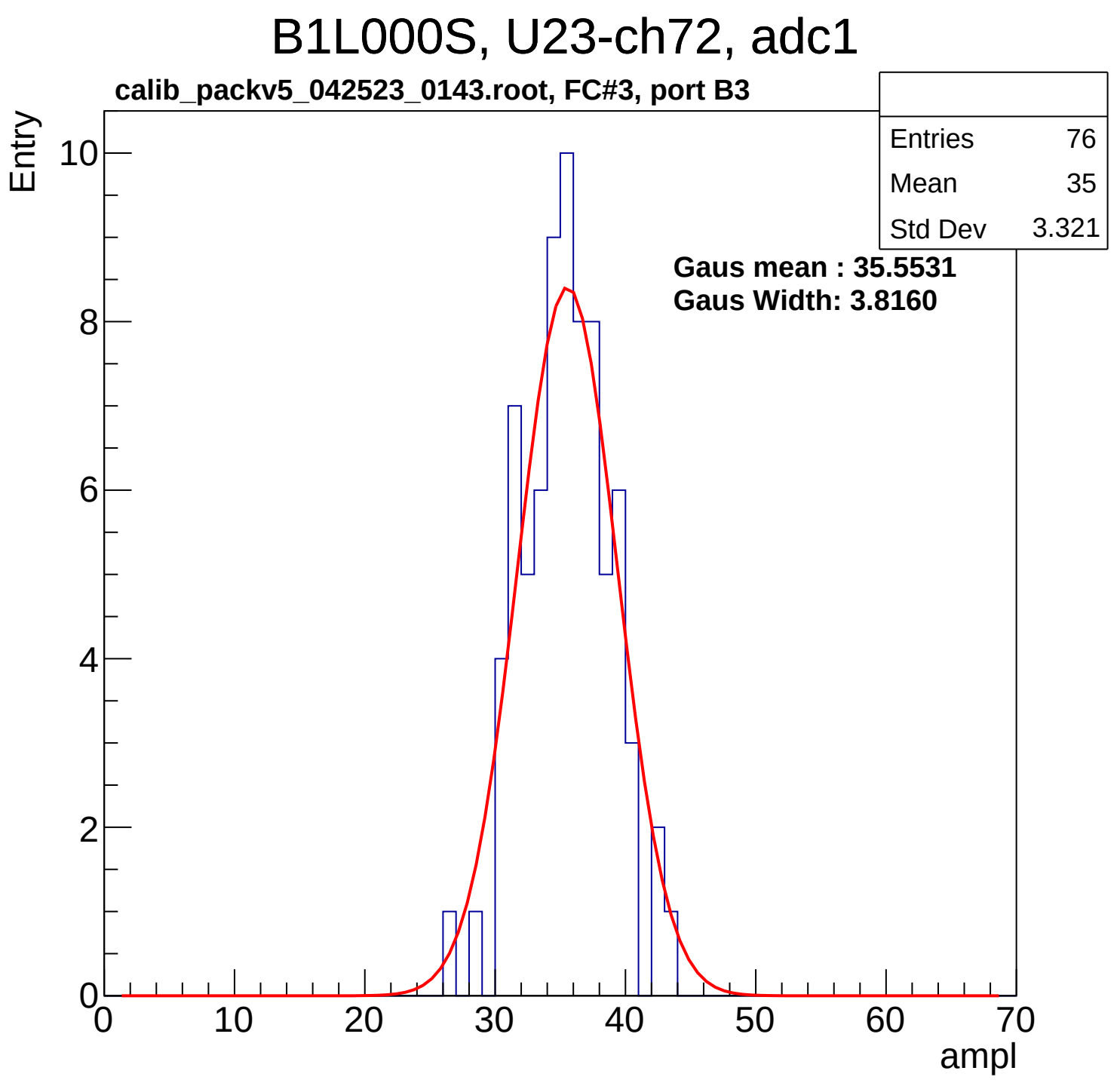

B1L000S, U23-ch71, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.11
Std Dev 3.104
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

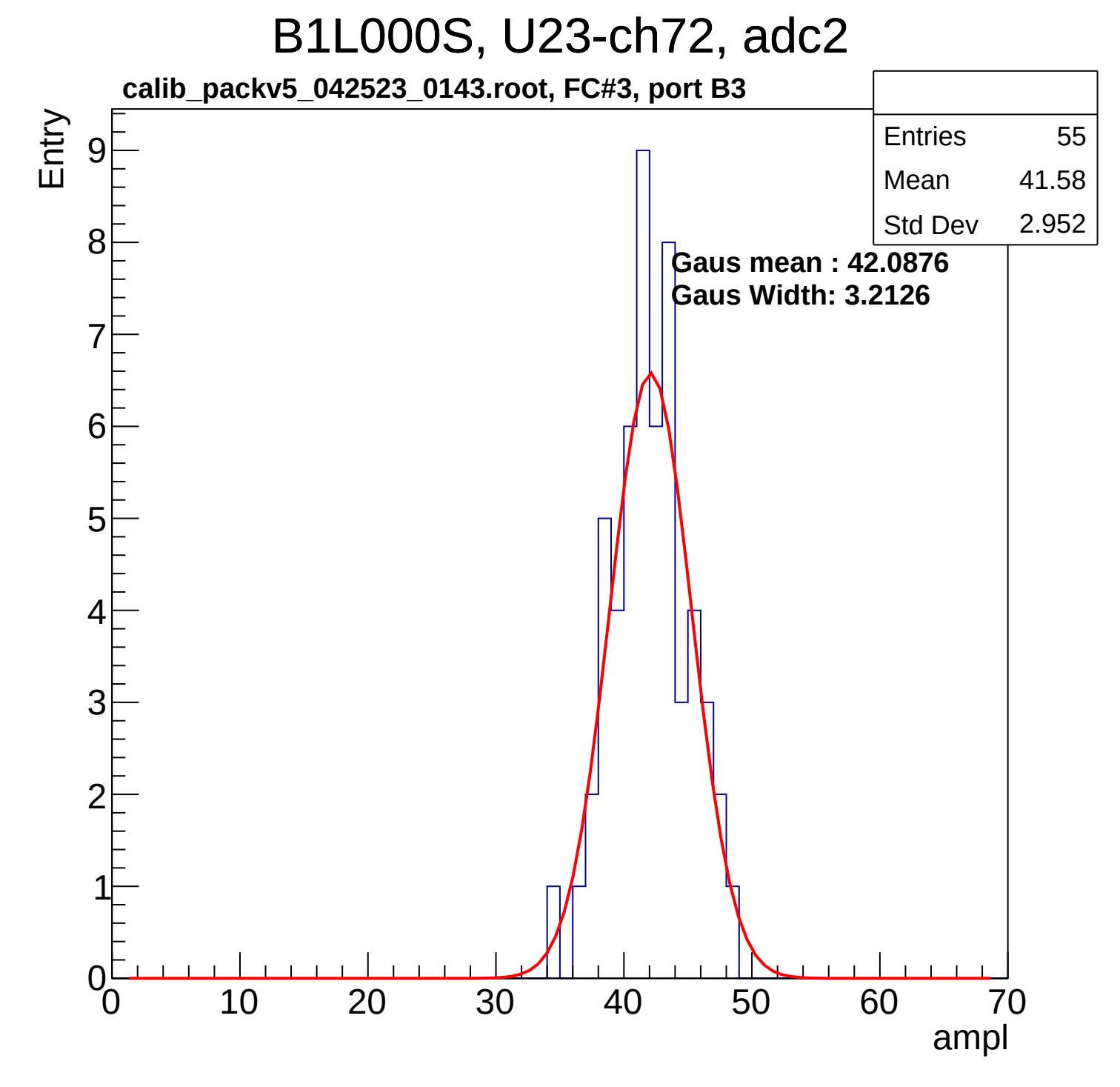

B1L000S, U23-ch71, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.74
Std Dev 2.143
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

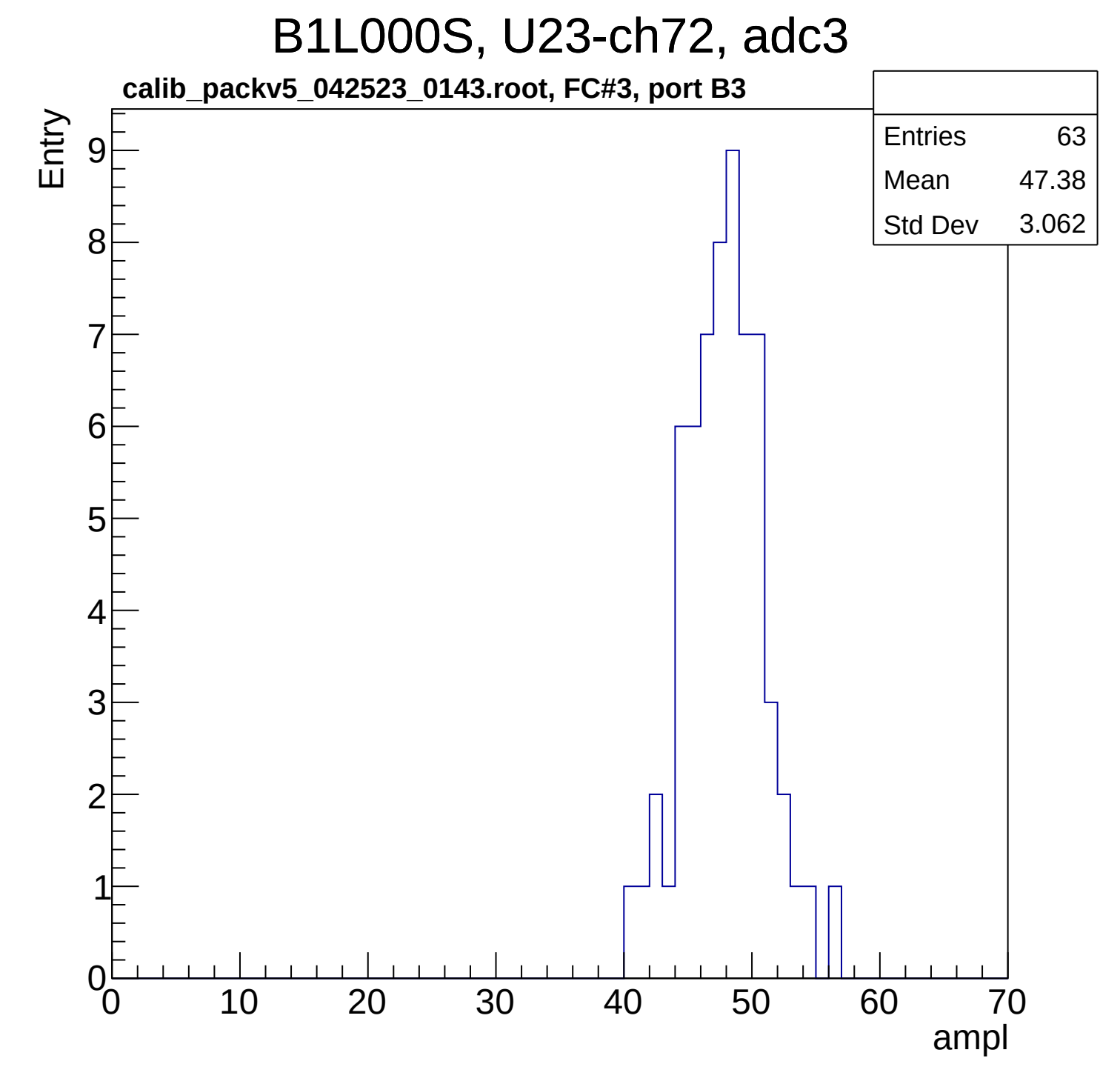

B1L000S, U23-ch71, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.27
Std Dev 17.82
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch71, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch72, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 28.67
Std Dev 2.749
Gaus mean : 29.1963
Gaus Width: 3.5778
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch72, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 35
Std Dev 3.321
Gaus mean : 35.5531
Gaus Width: 3.8160
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch72, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.58
Std Dev 2.952
Gaus mean : 42.0876
Gaus Width: 3.2126
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch72, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.38
Std Dev 3.062
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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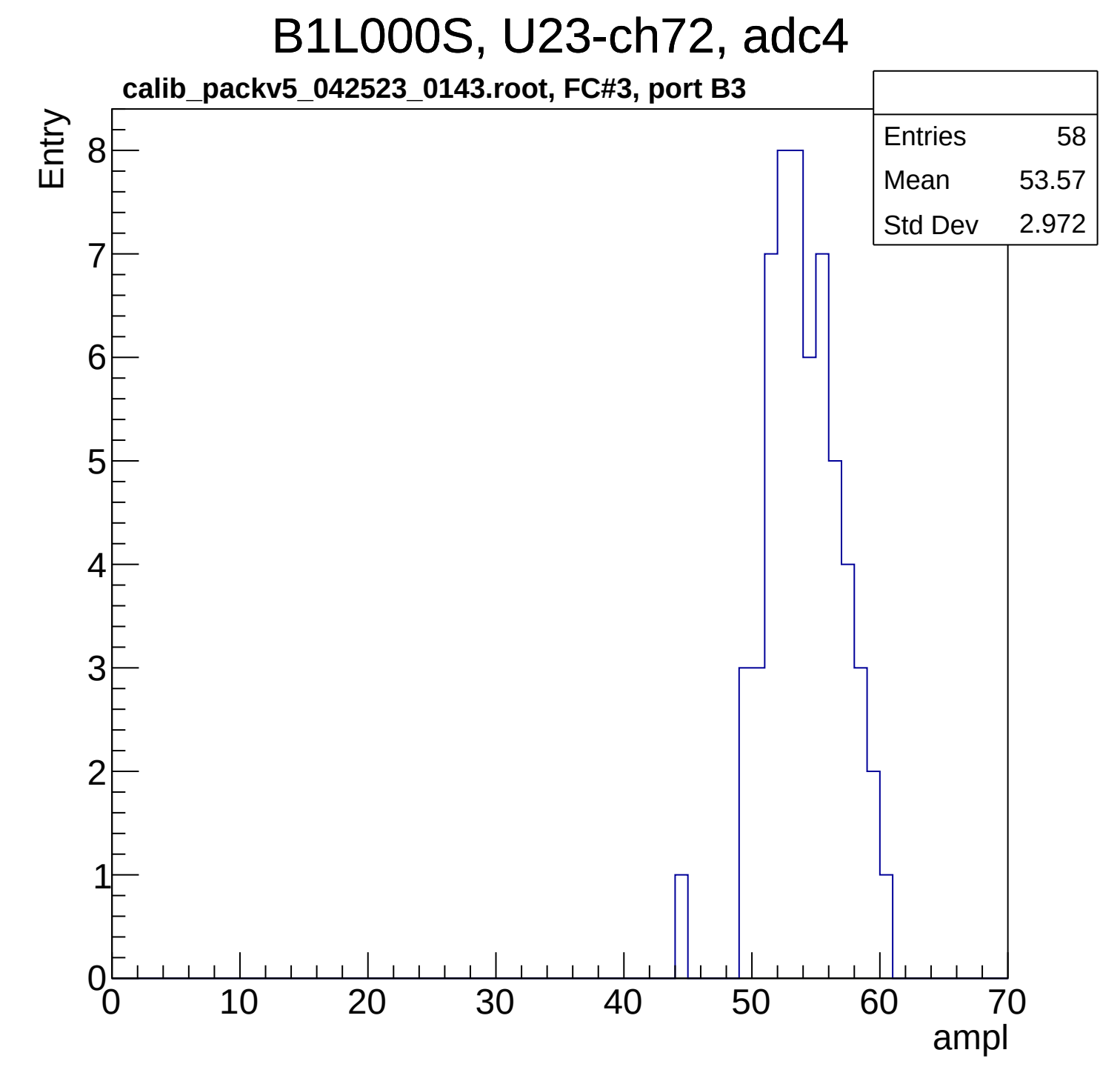
40
50
60
70


B1L000S, U23-ch72, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.57
Std Dev 2.972
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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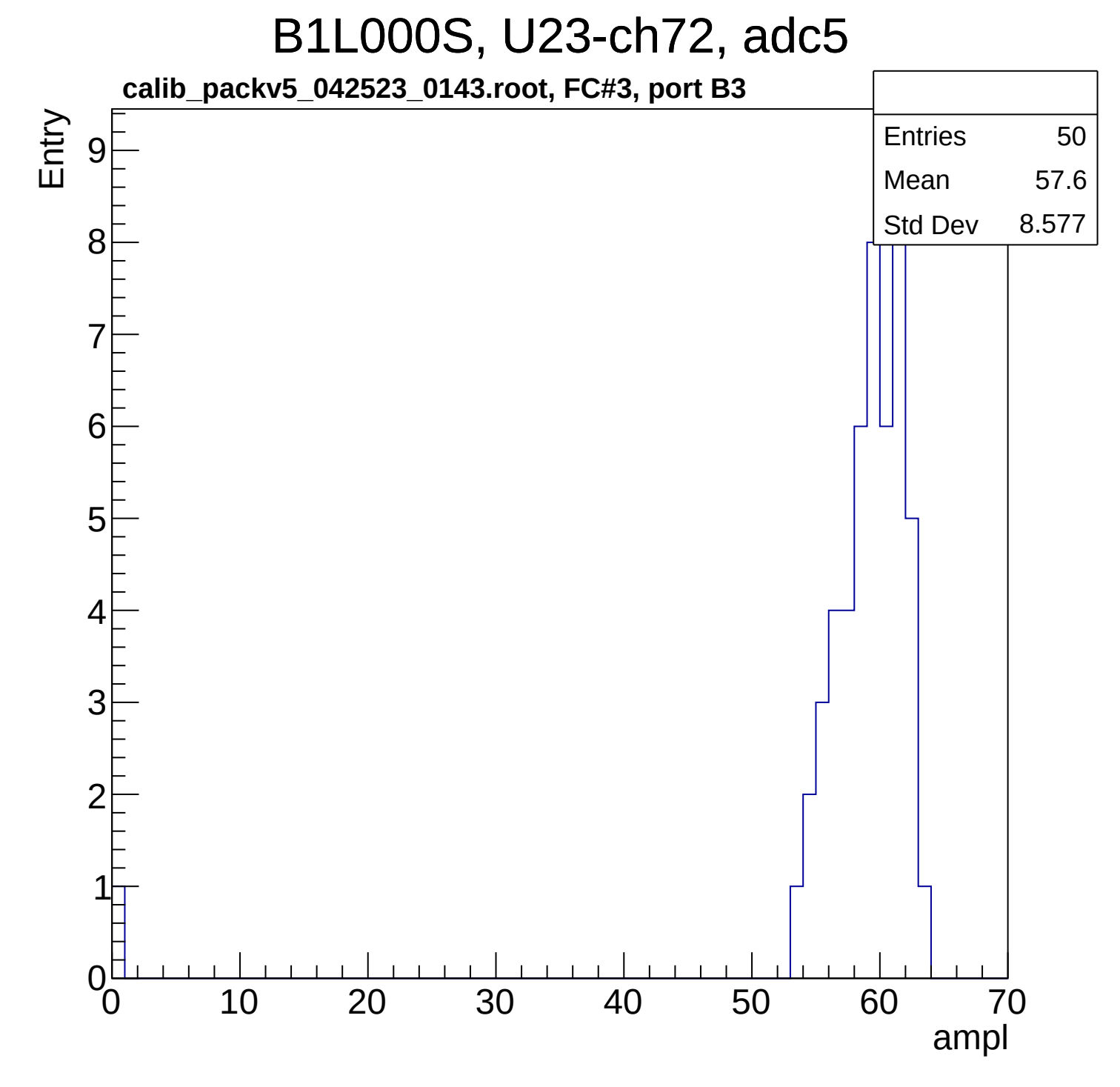
40
50
60
70


B1L000S, U23-ch72, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 57.6
Std Dev 8.577
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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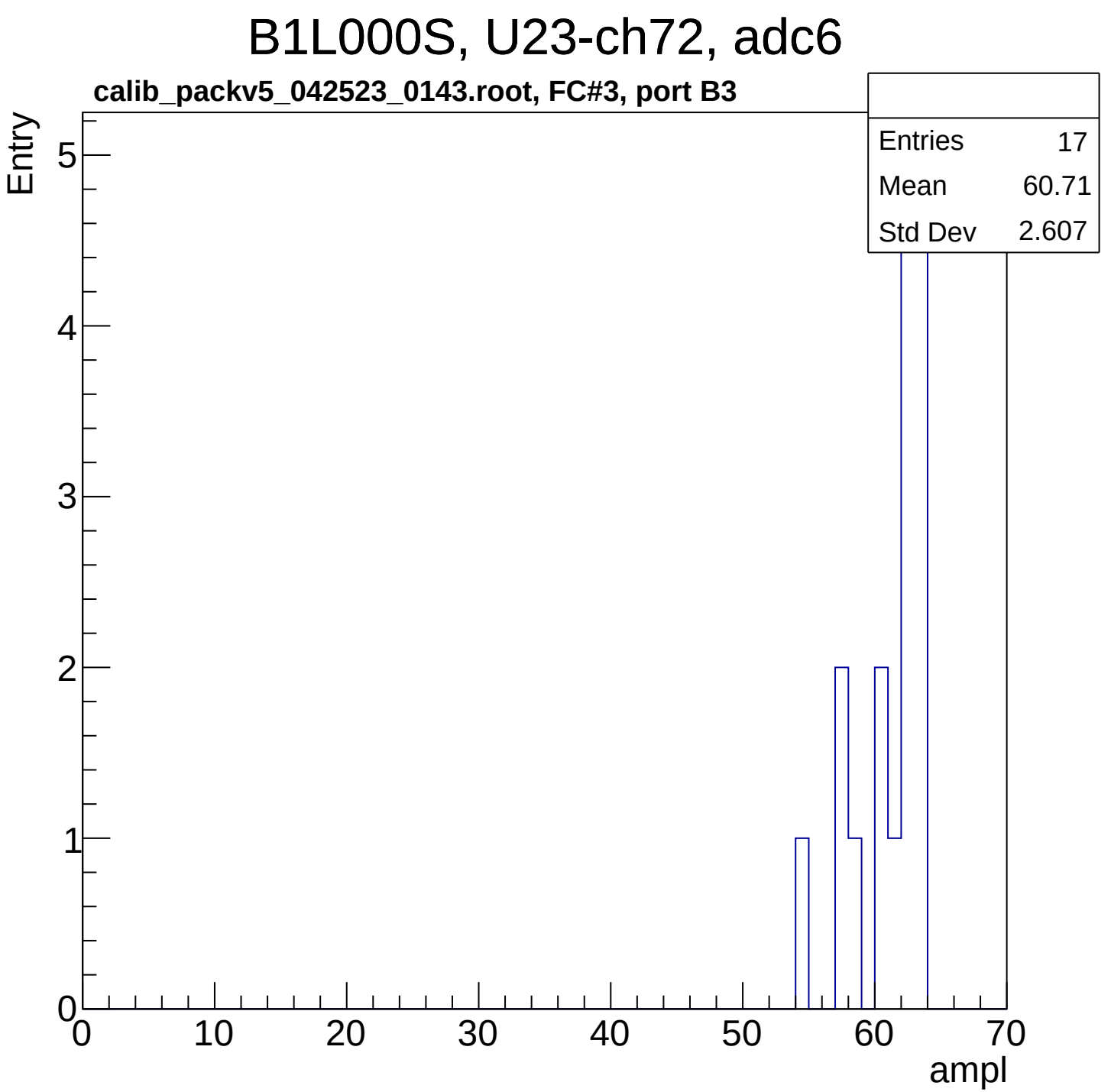
B1L000S, U23-ch72, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 60.71
Std Dev 2.607
Entry
ampl
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1
2
3
4
5
0
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20
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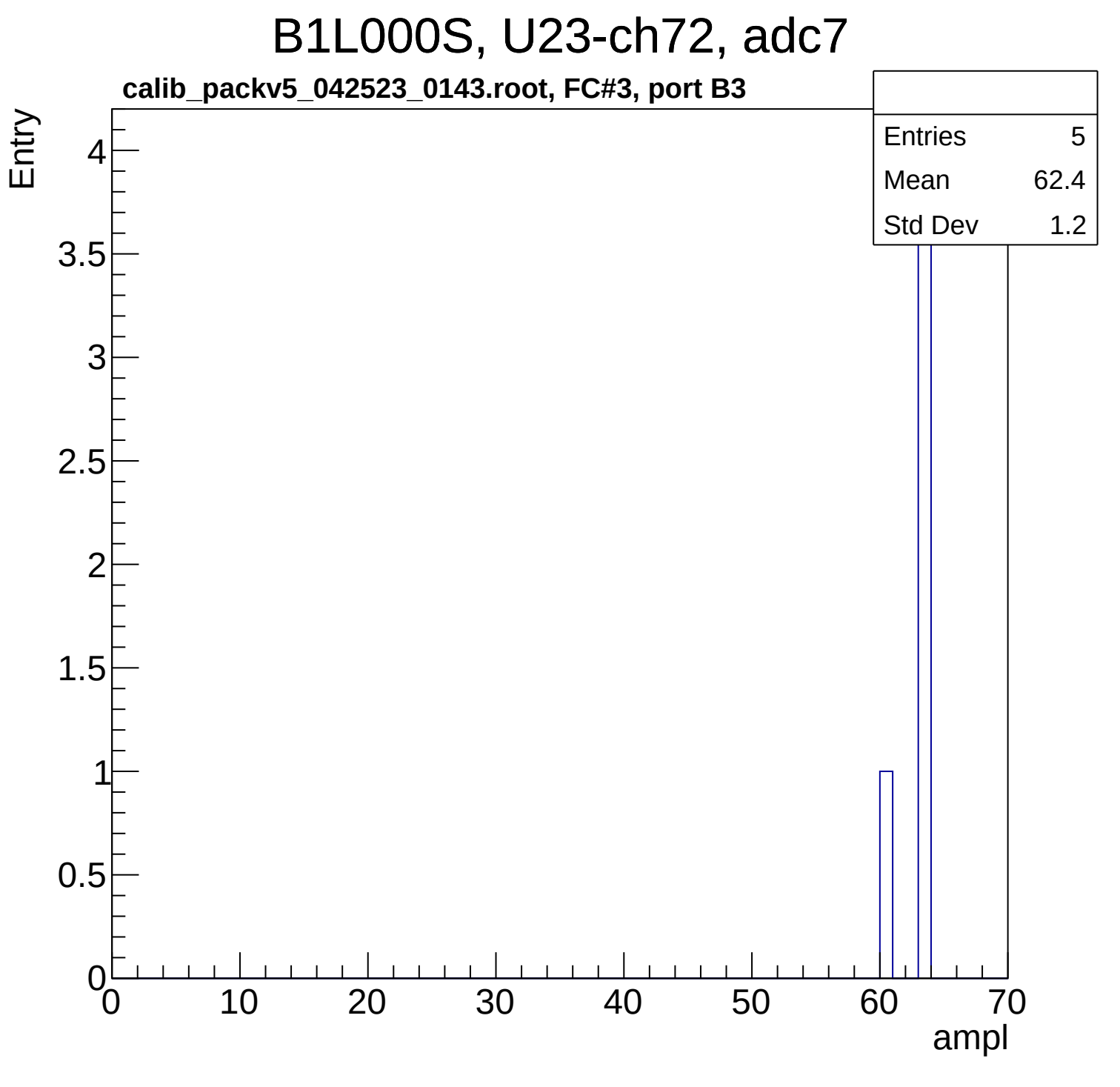
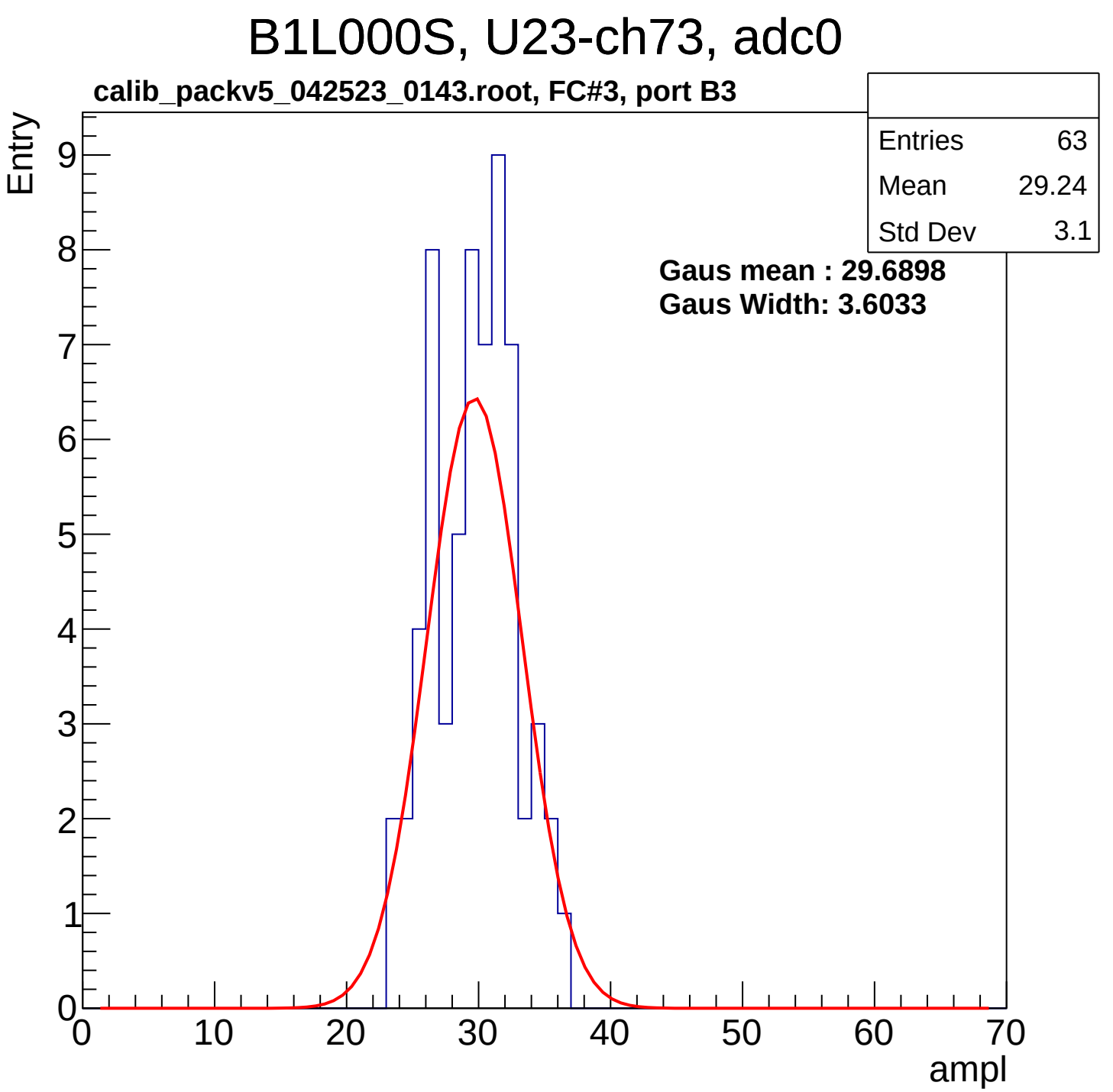
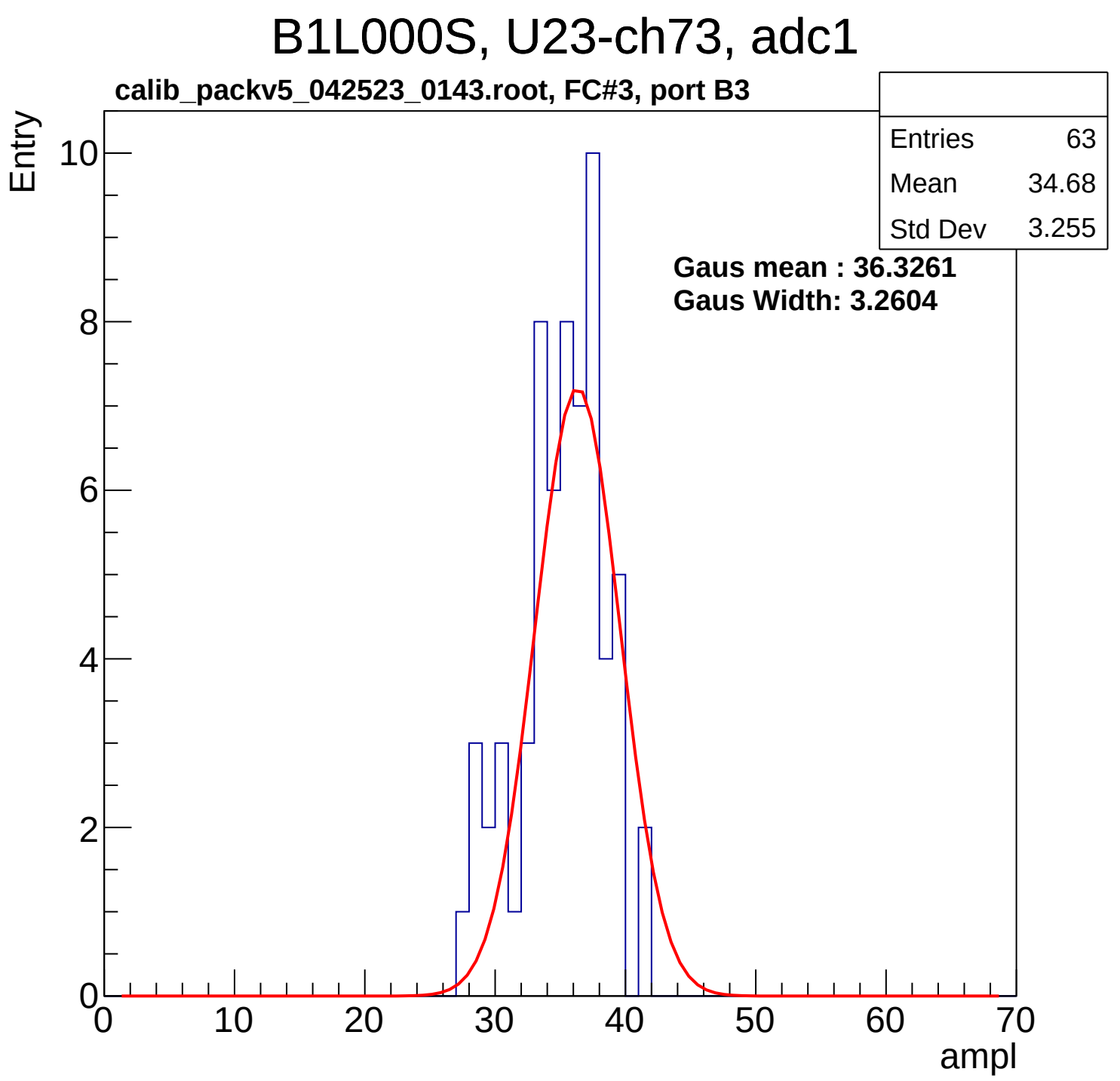
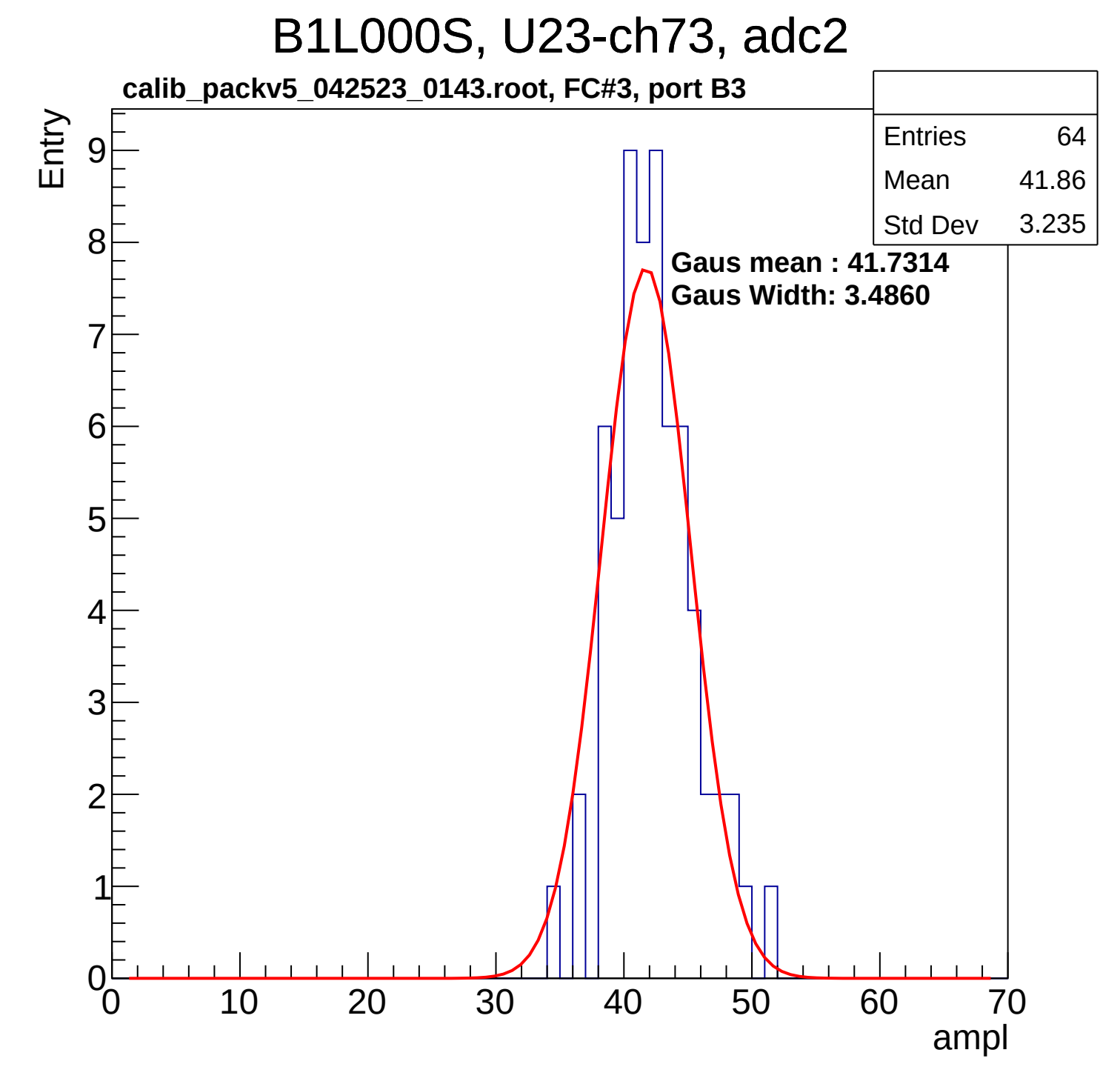
40
50
60
70


B1L000S, U23-ch72, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.4
Std Dev 1.2
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch73, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 29.24
Std Dev 3.1
Gaus mean : 29.6898
Gaus Width: 3.6033
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch73, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 34.68
Std Dev 3.255
Gaus mean : 36.3261
Gaus Width: 3.2604
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch73, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.86
Std Dev 3.235
Gaus mean : 41.7314
Gaus Width: 3.4860
Entry
ampl
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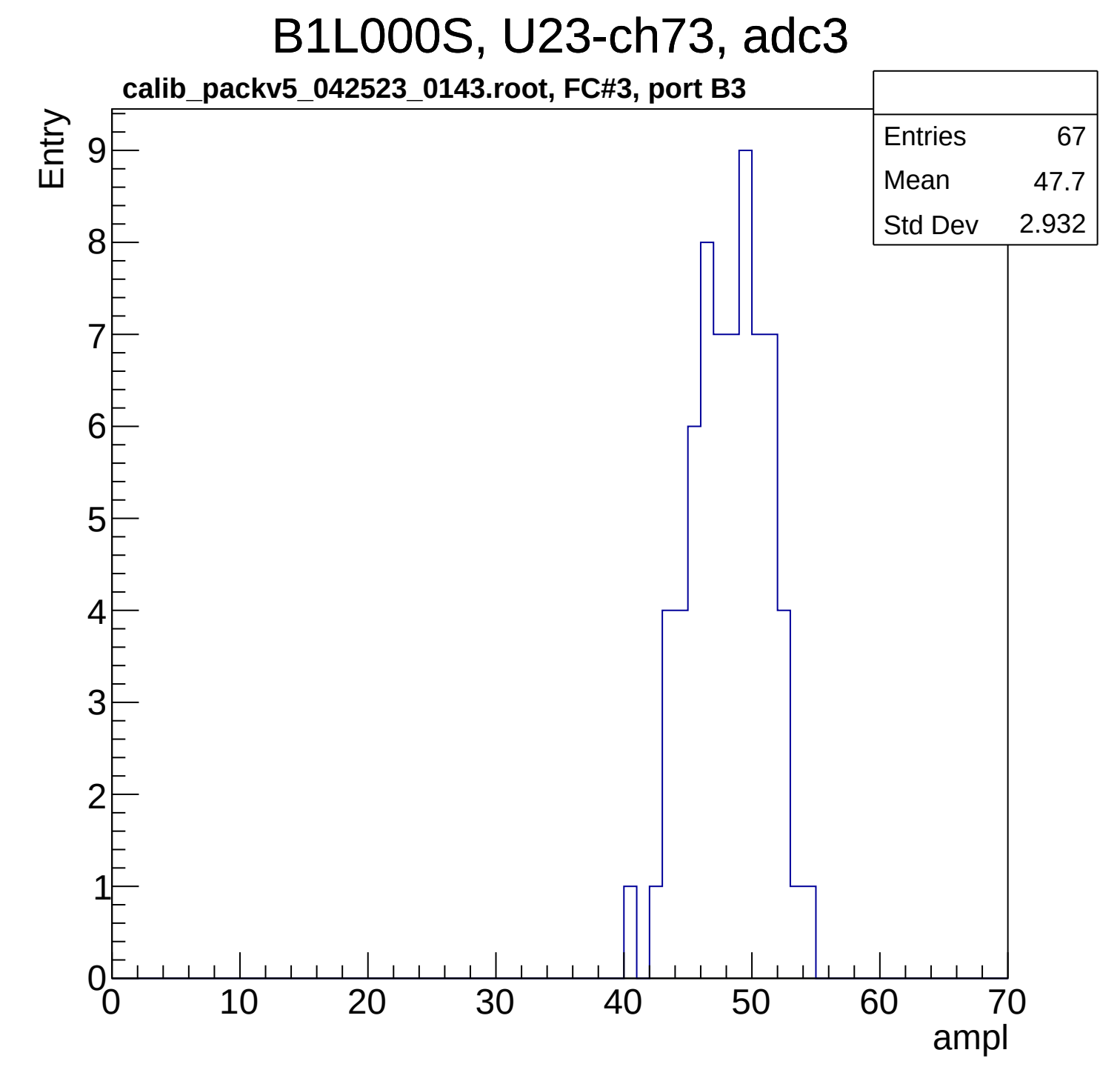
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch73, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.7
Std Dev 2.932
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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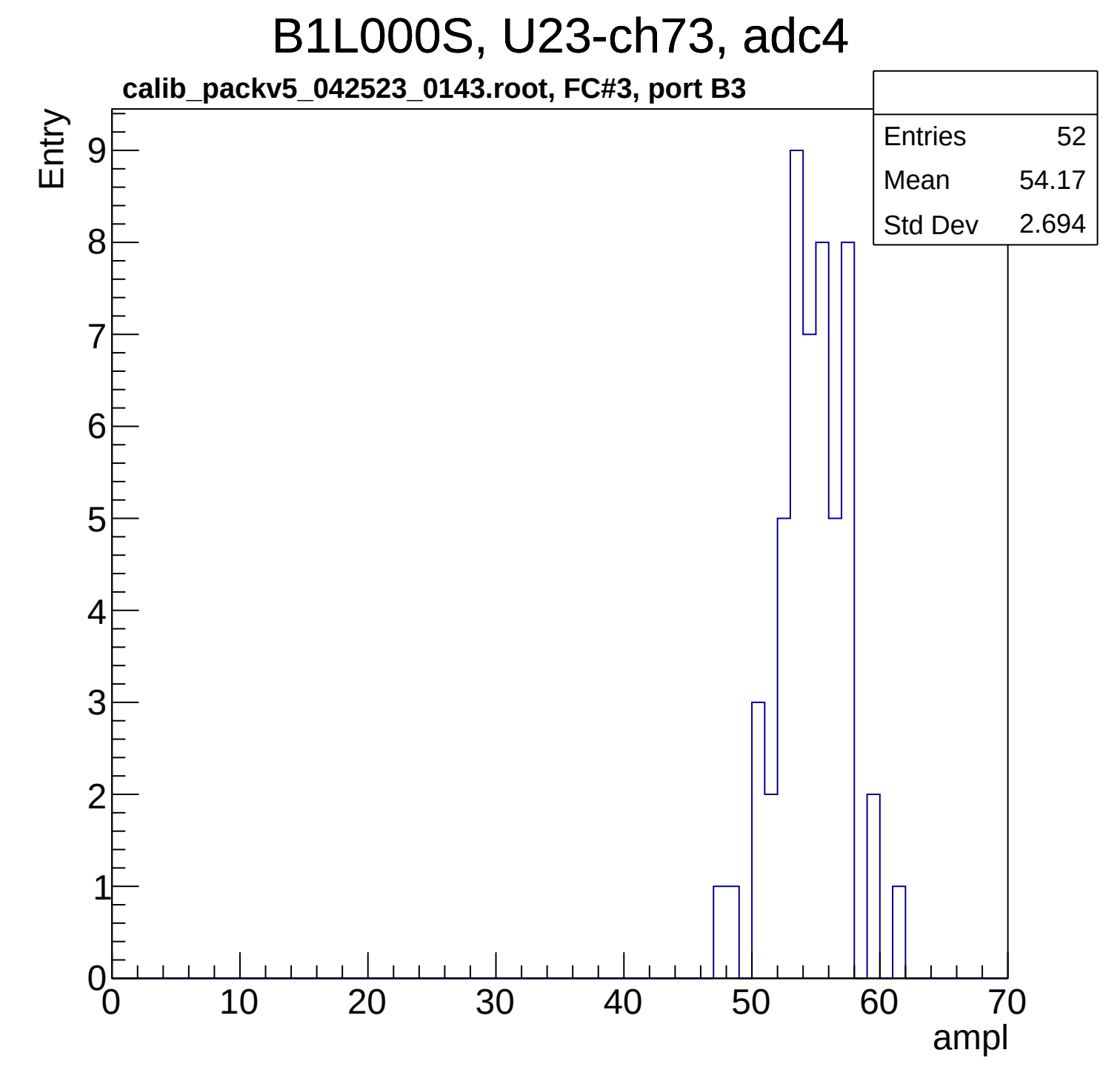
B1L000S, U23-ch73, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 54.17
Std Dev 2.694
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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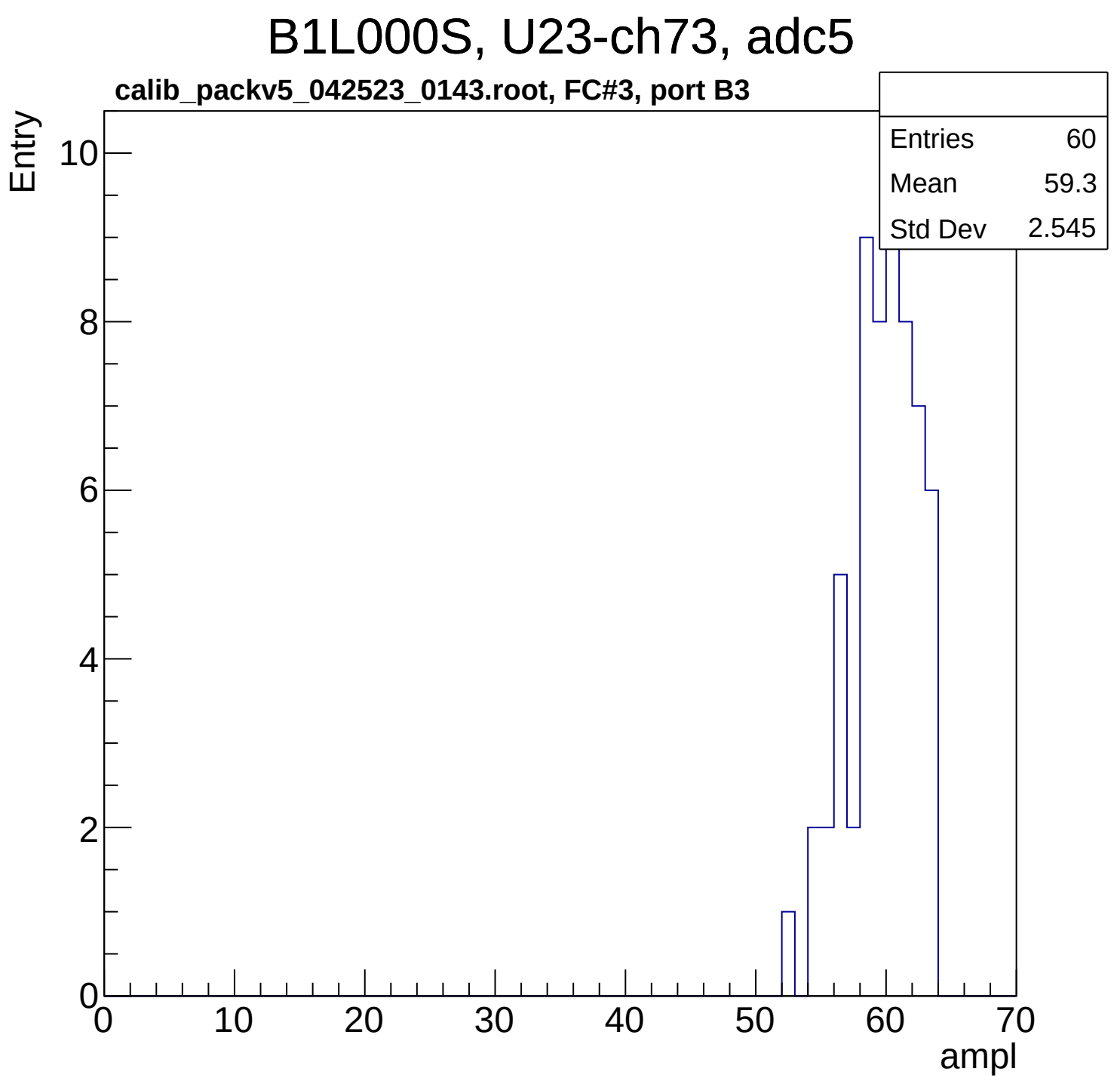
B1L000S, U23-ch73, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 59.3
Std Dev 2.545
Entry
0
2
4
6
8
10
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10
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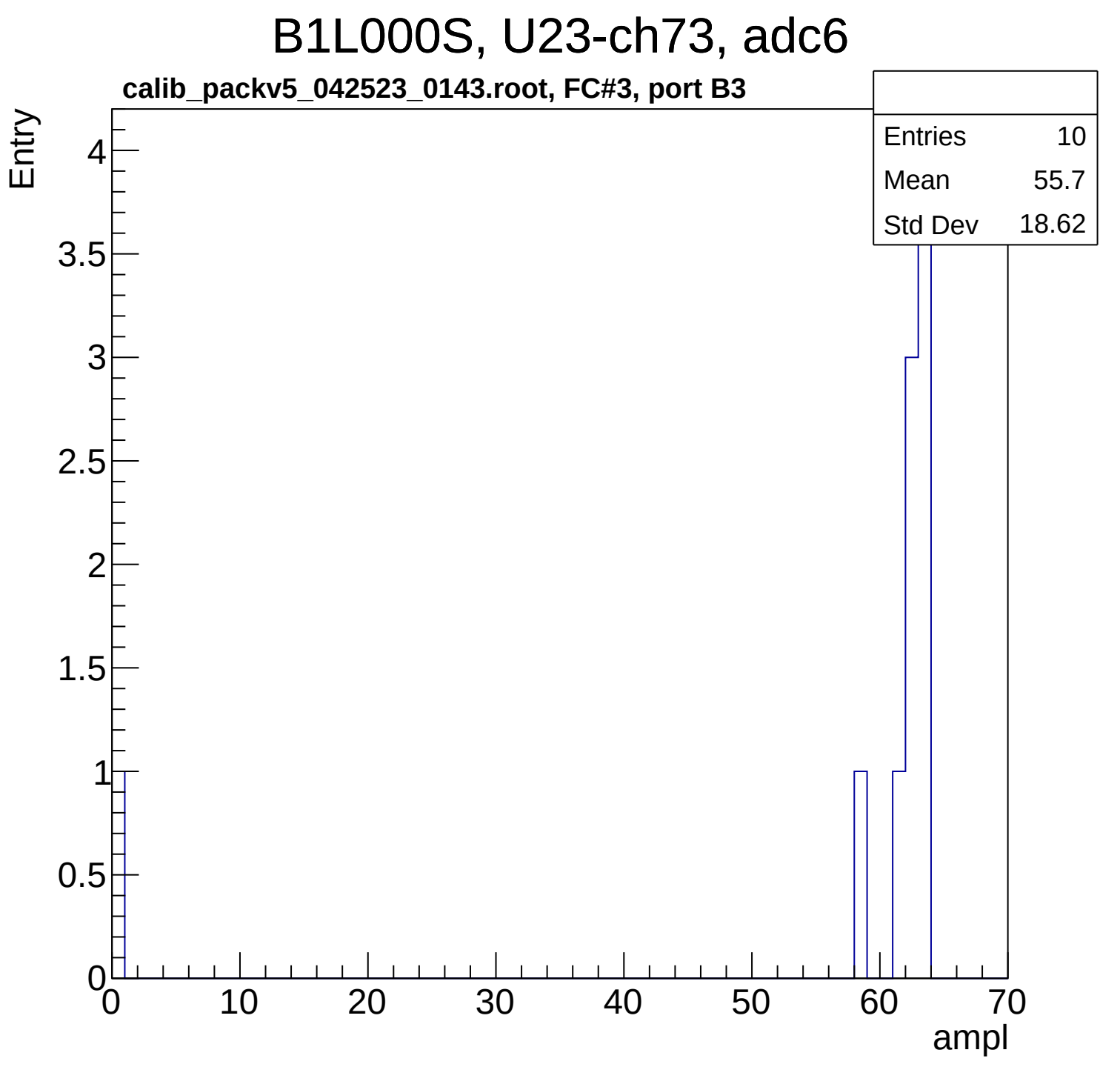
70
ampl


B1L000S, U23-ch73, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 55.7
Std Dev 18.62
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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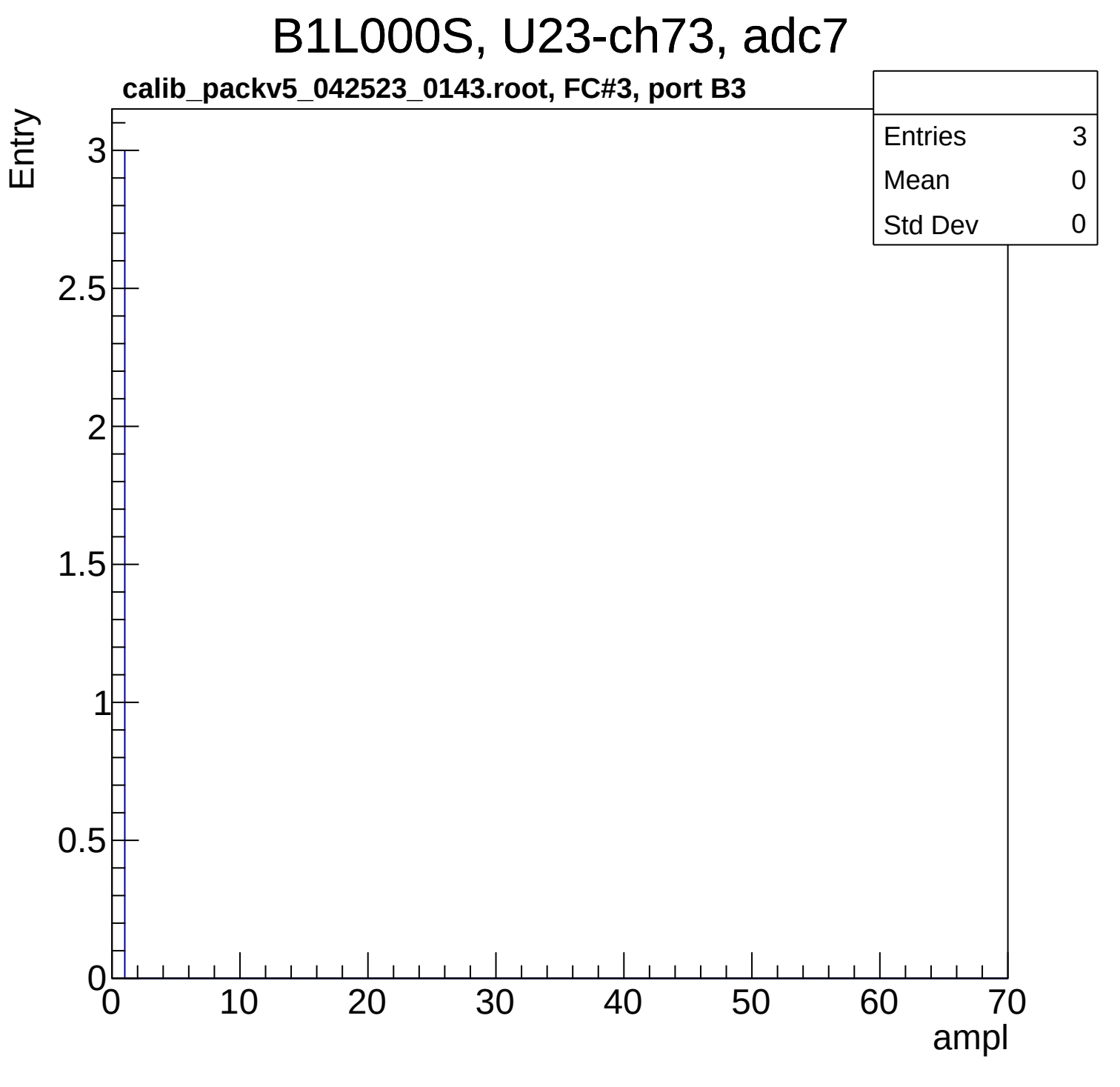
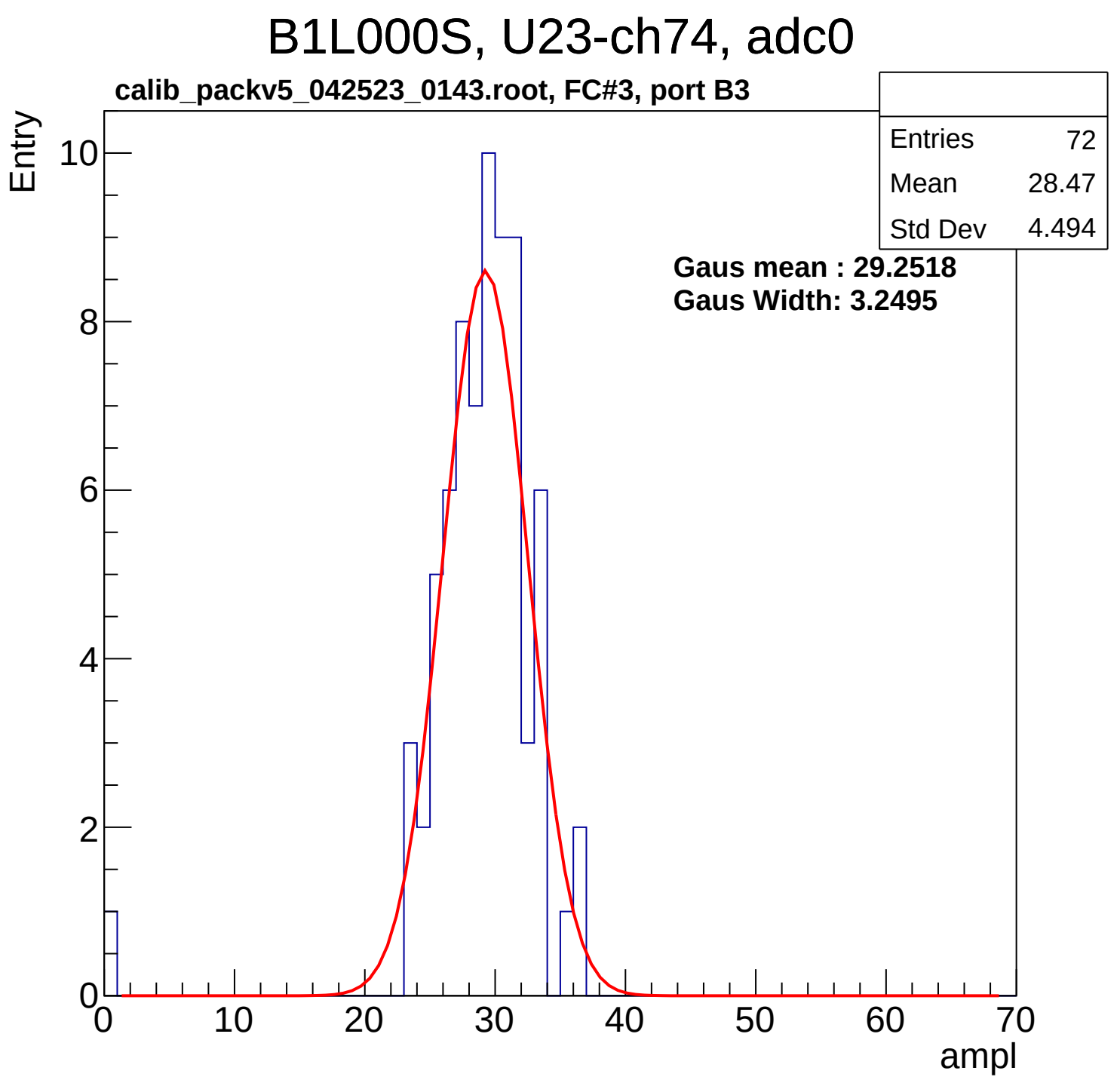

B1L000S, U23-ch73, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch74, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.47
Std Dev 4.494
Gaus mean : 29.2518
Gaus Width: 3.2495
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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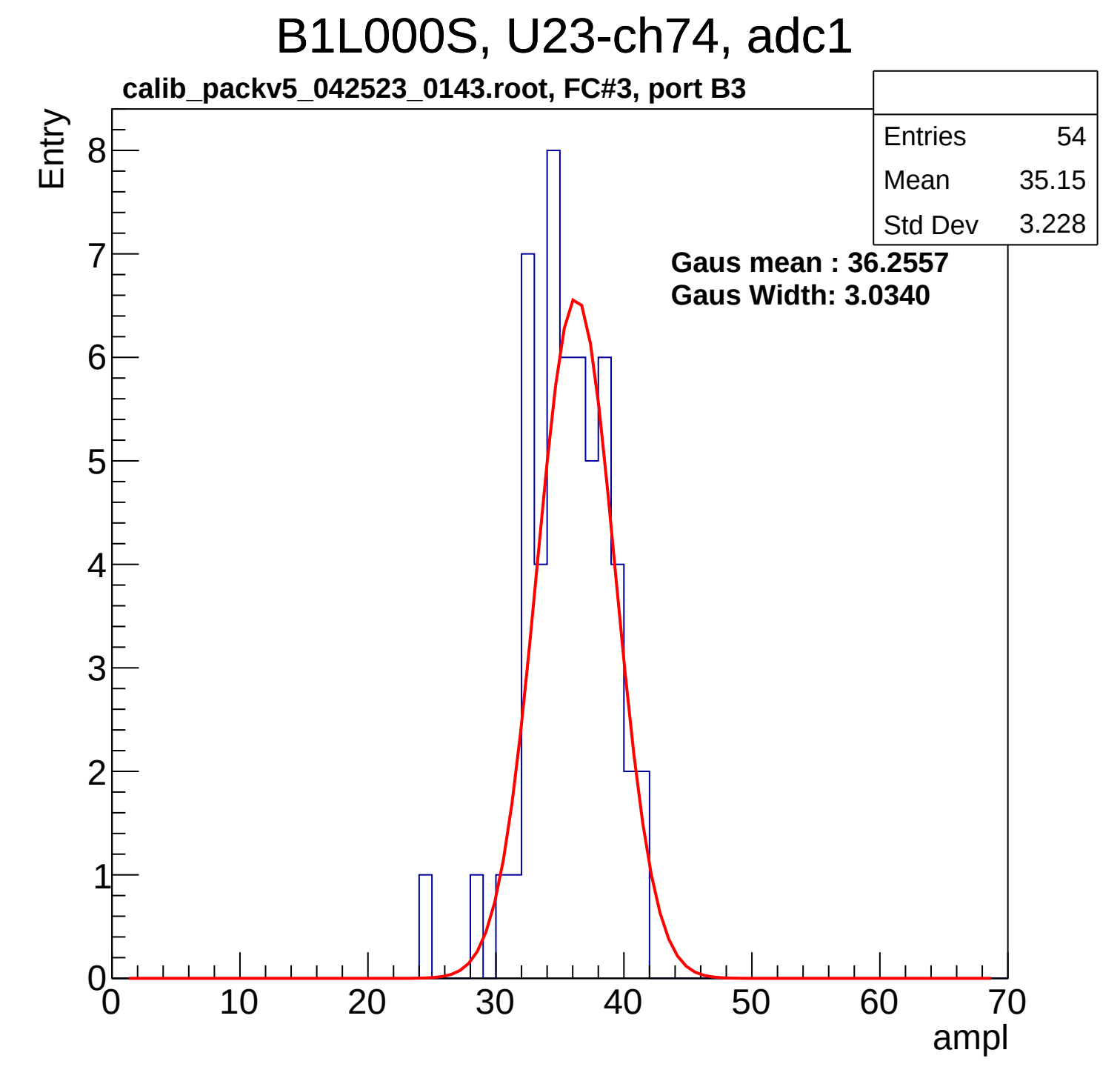
B1L000S, U23-ch74, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 35.15
Std Dev 3.228
Gaus mean : 36.2557
Gaus Width: 3.0340
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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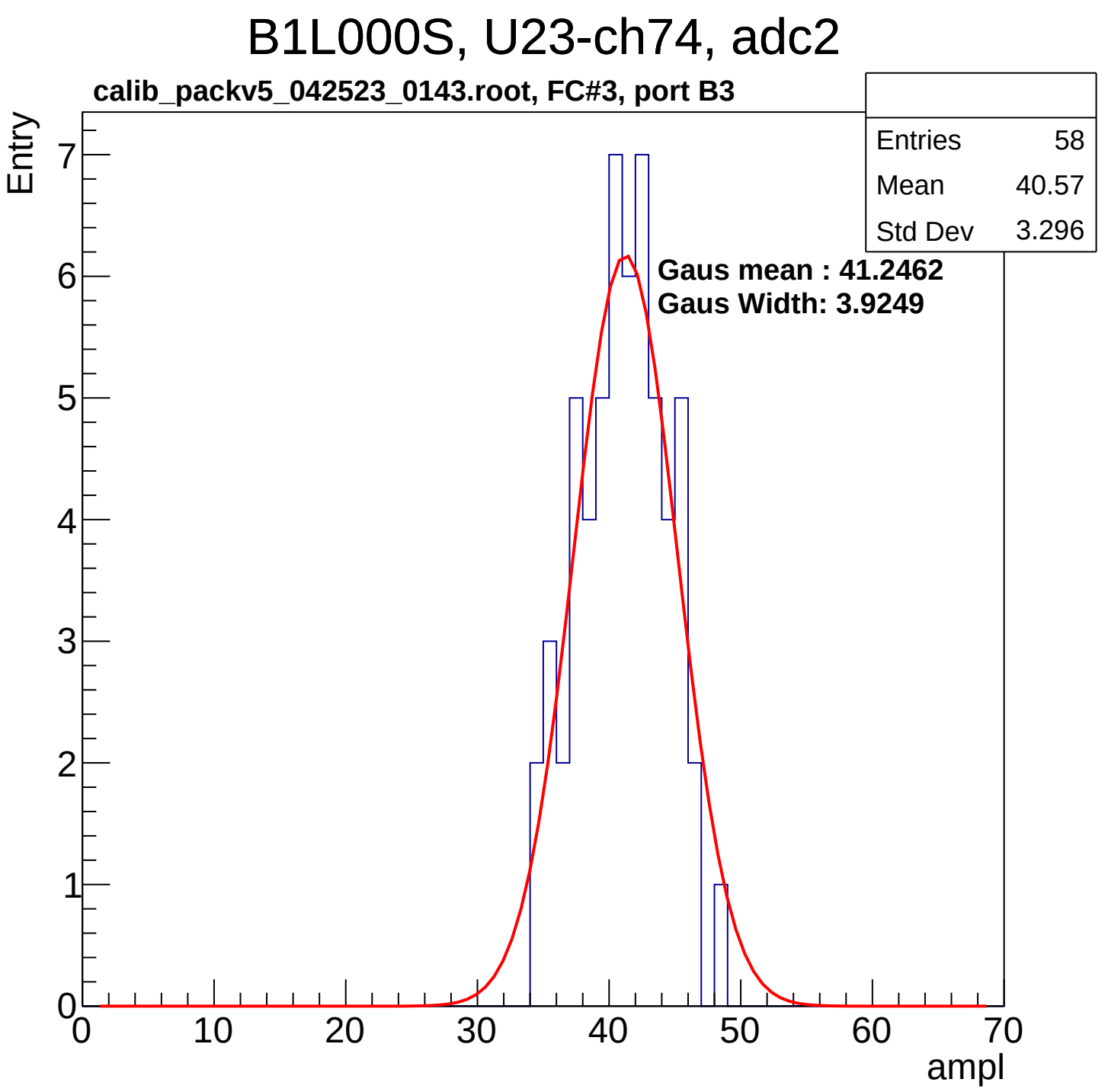
B1L000S, U23-ch74, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 40.57
Std Dev 3.296
Gaus mean : 41.2462
Gaus Width: 3.9249
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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40
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60
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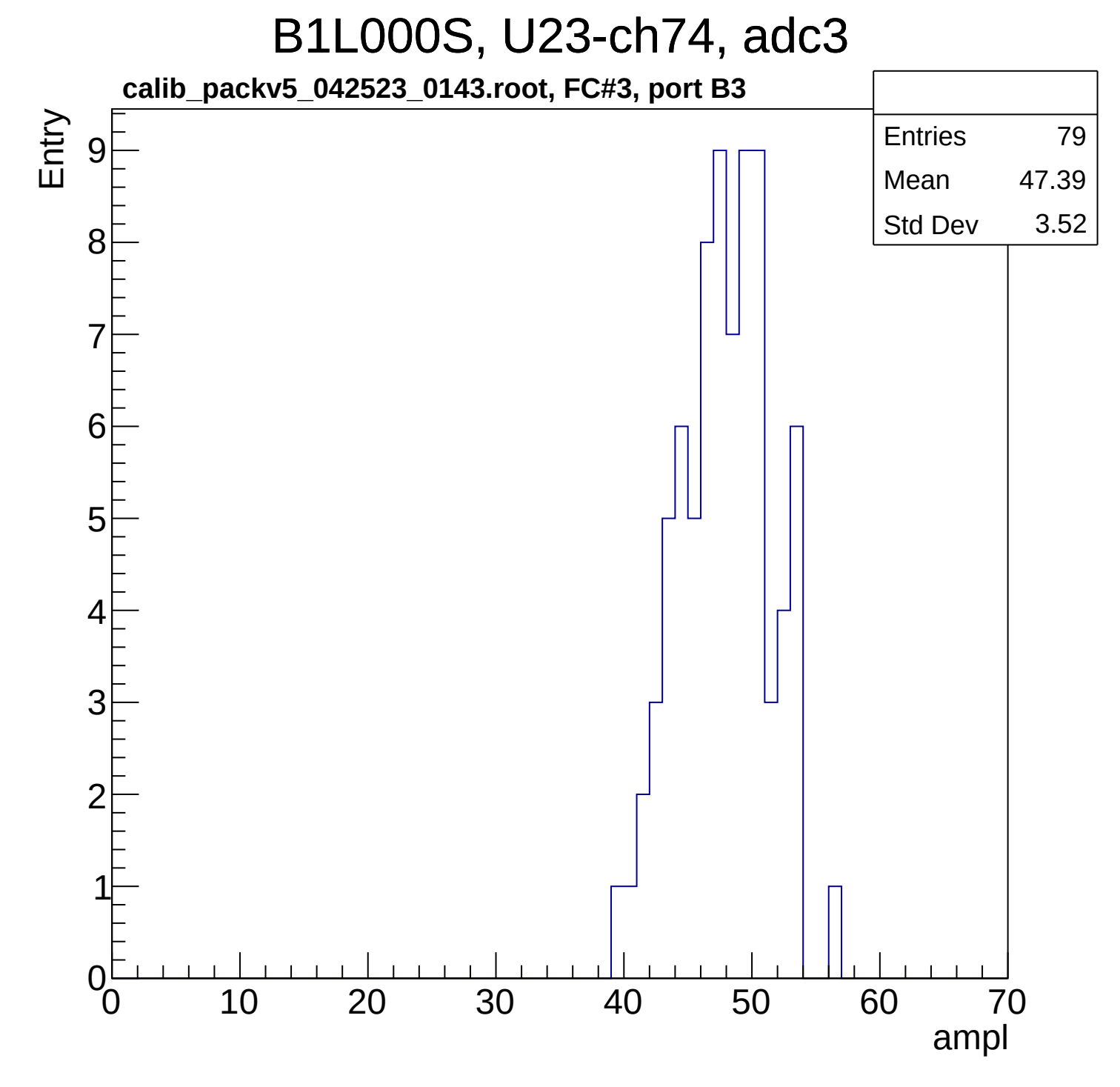
B1L000S, U23-ch74, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 47.39
Std Dev 3.52
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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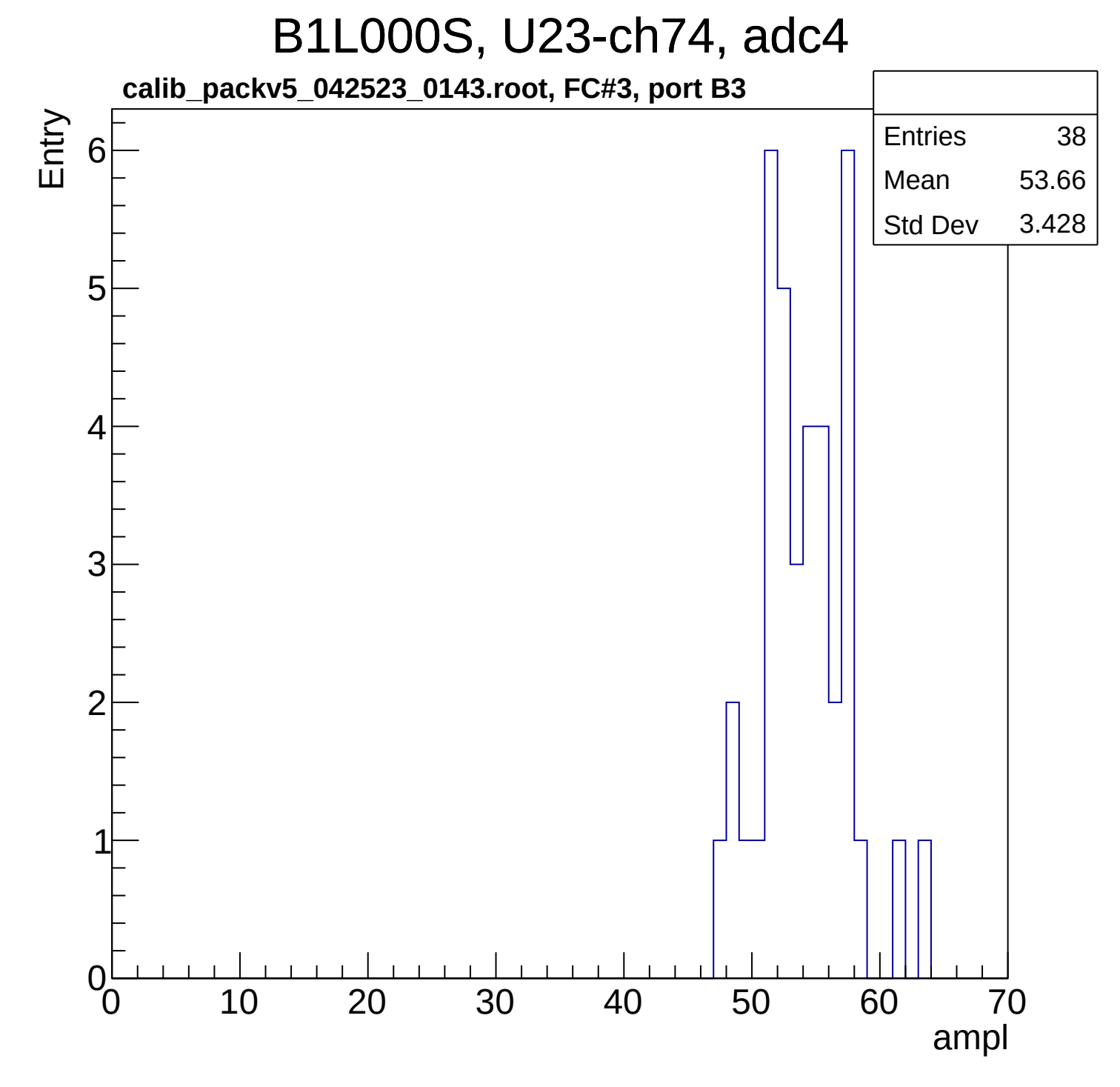
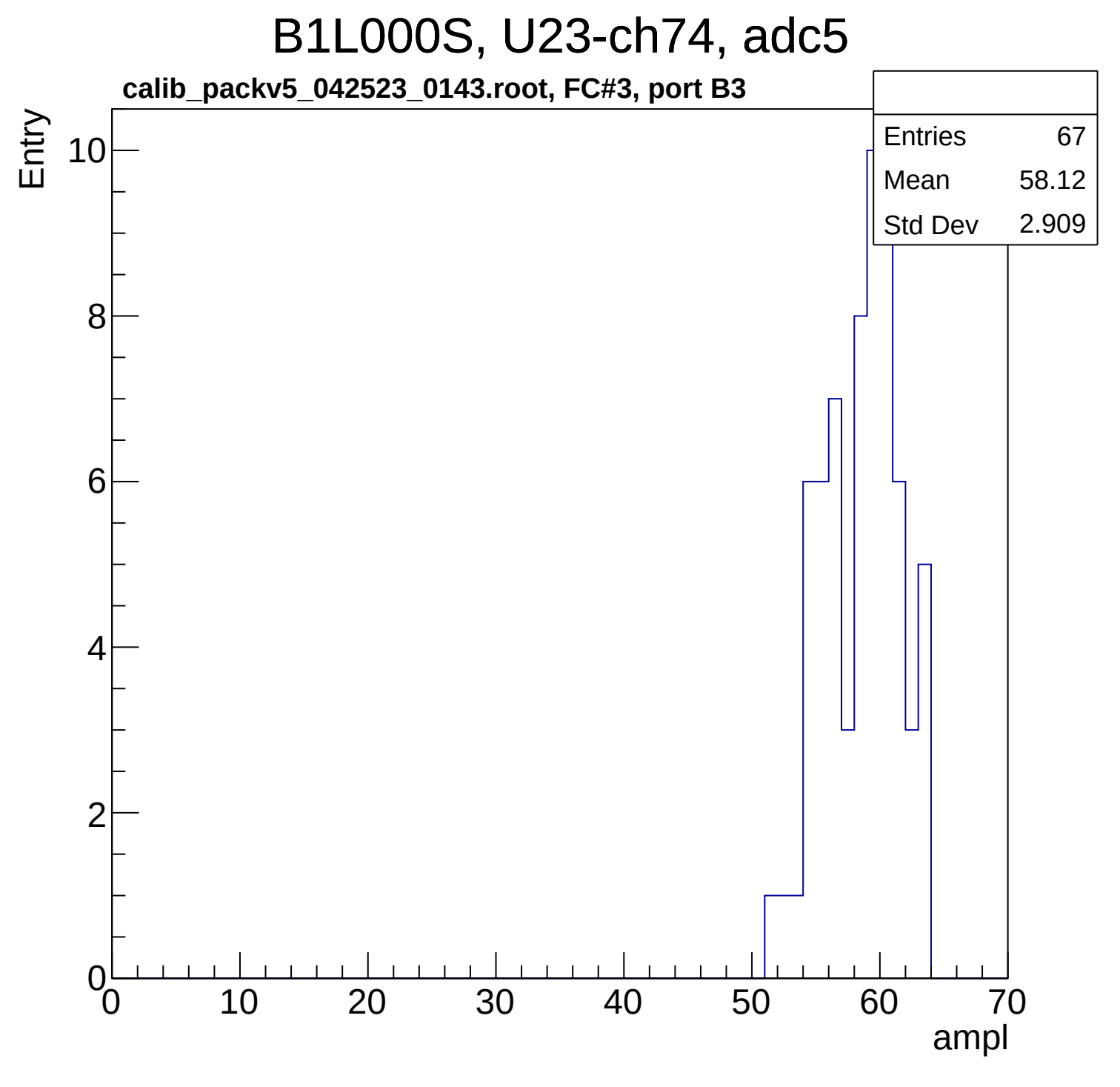
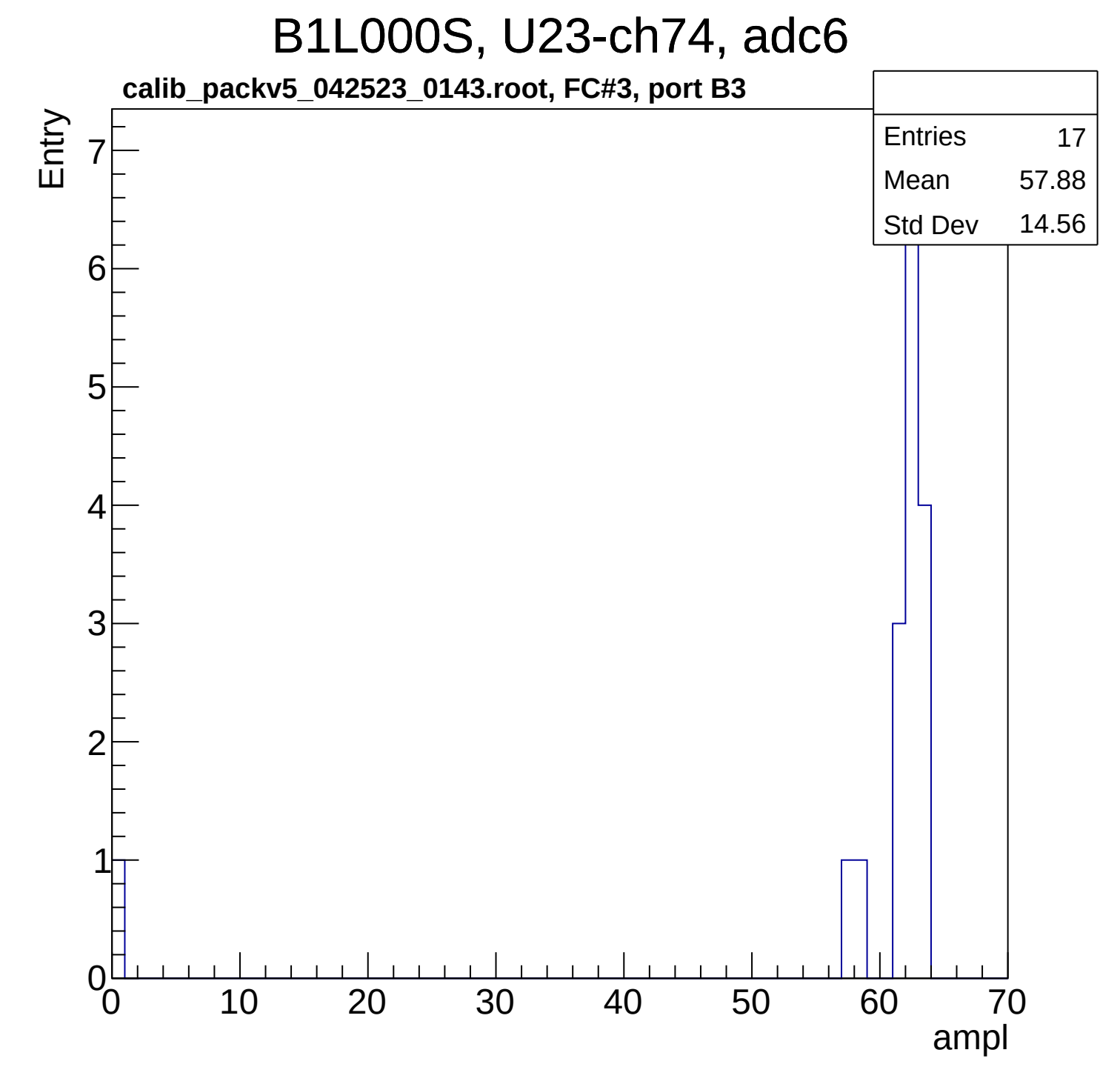
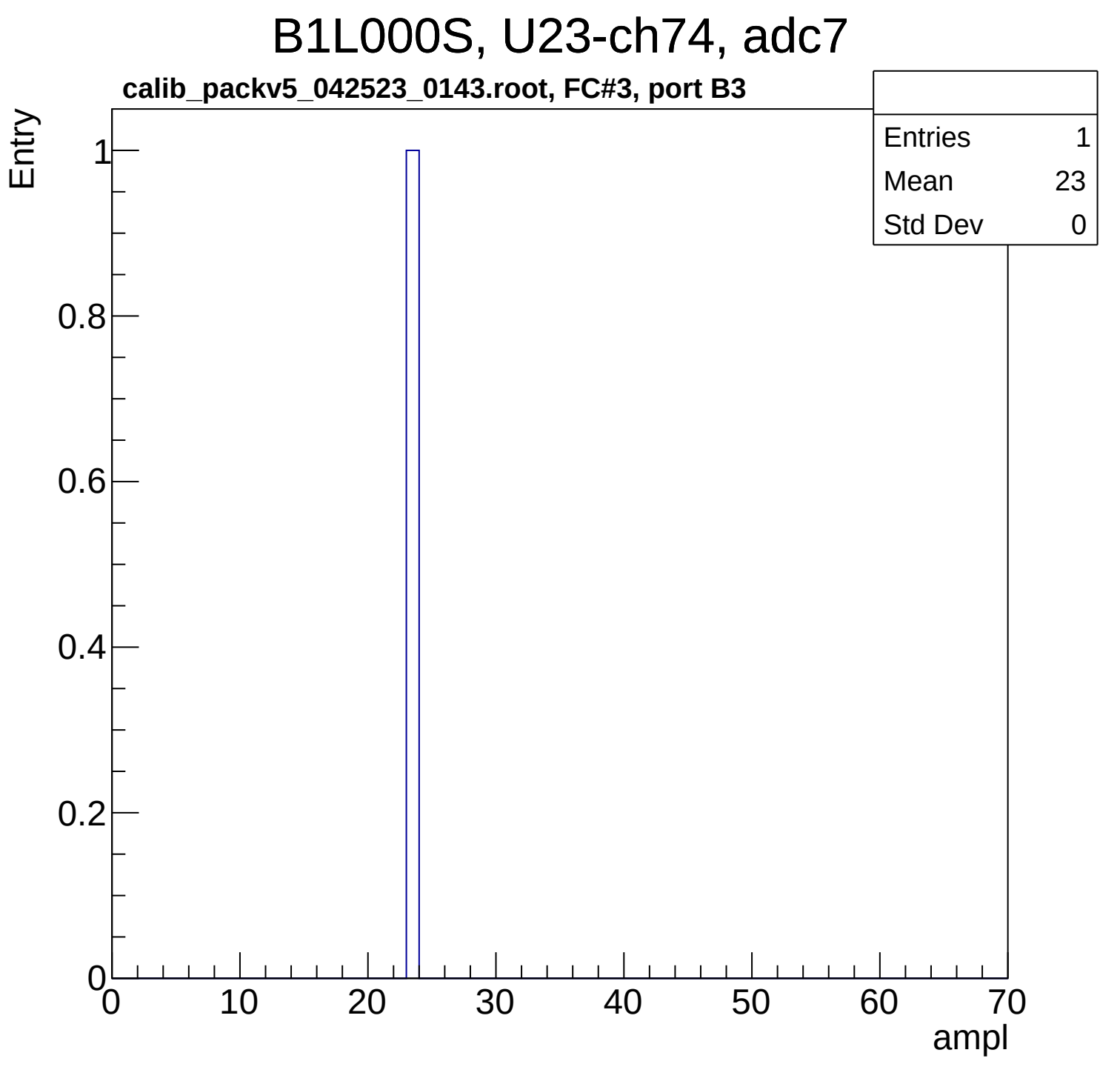
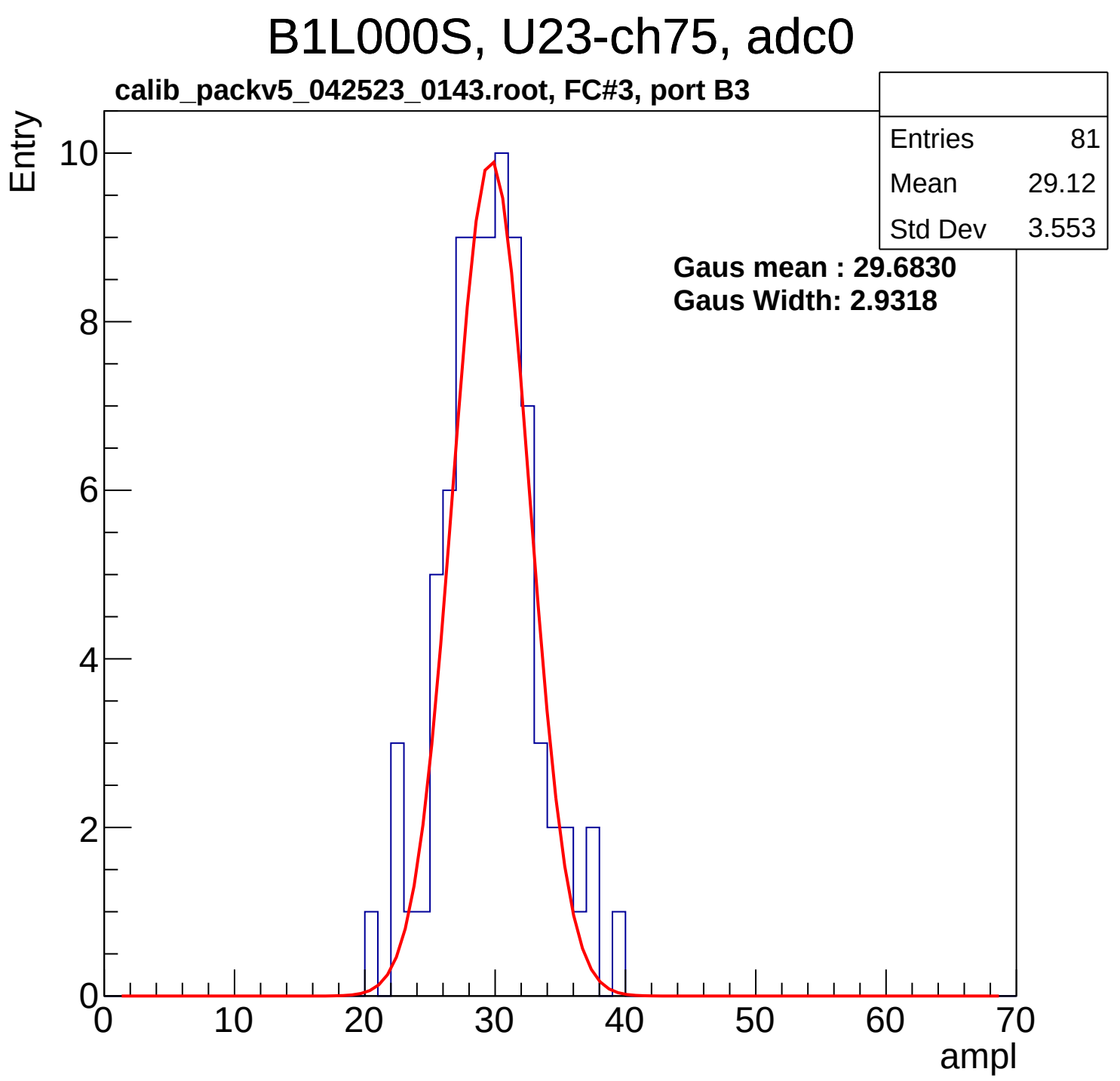
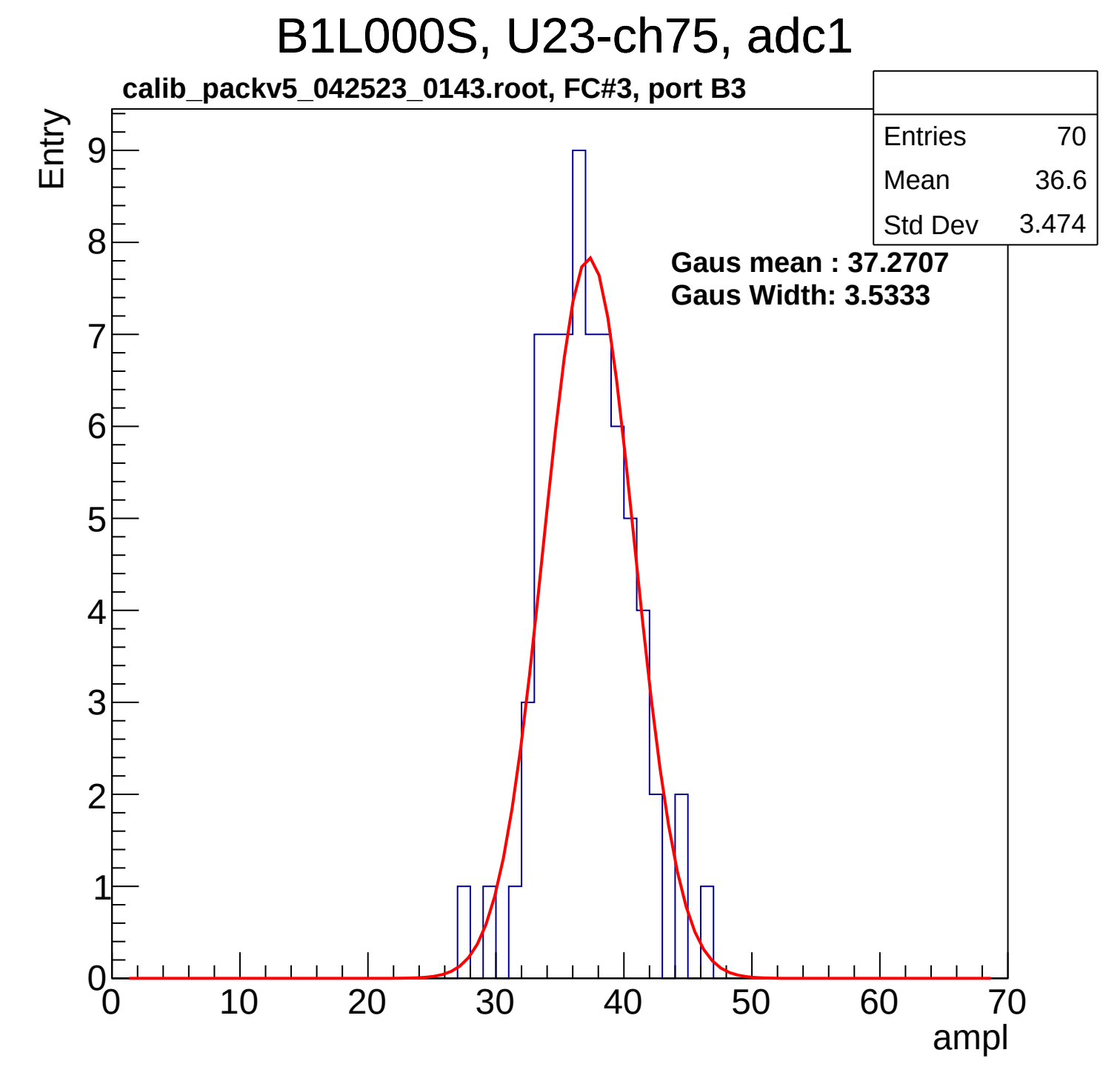

B1L000S, U23-ch74, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 53.66
Std Dev 3.428
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

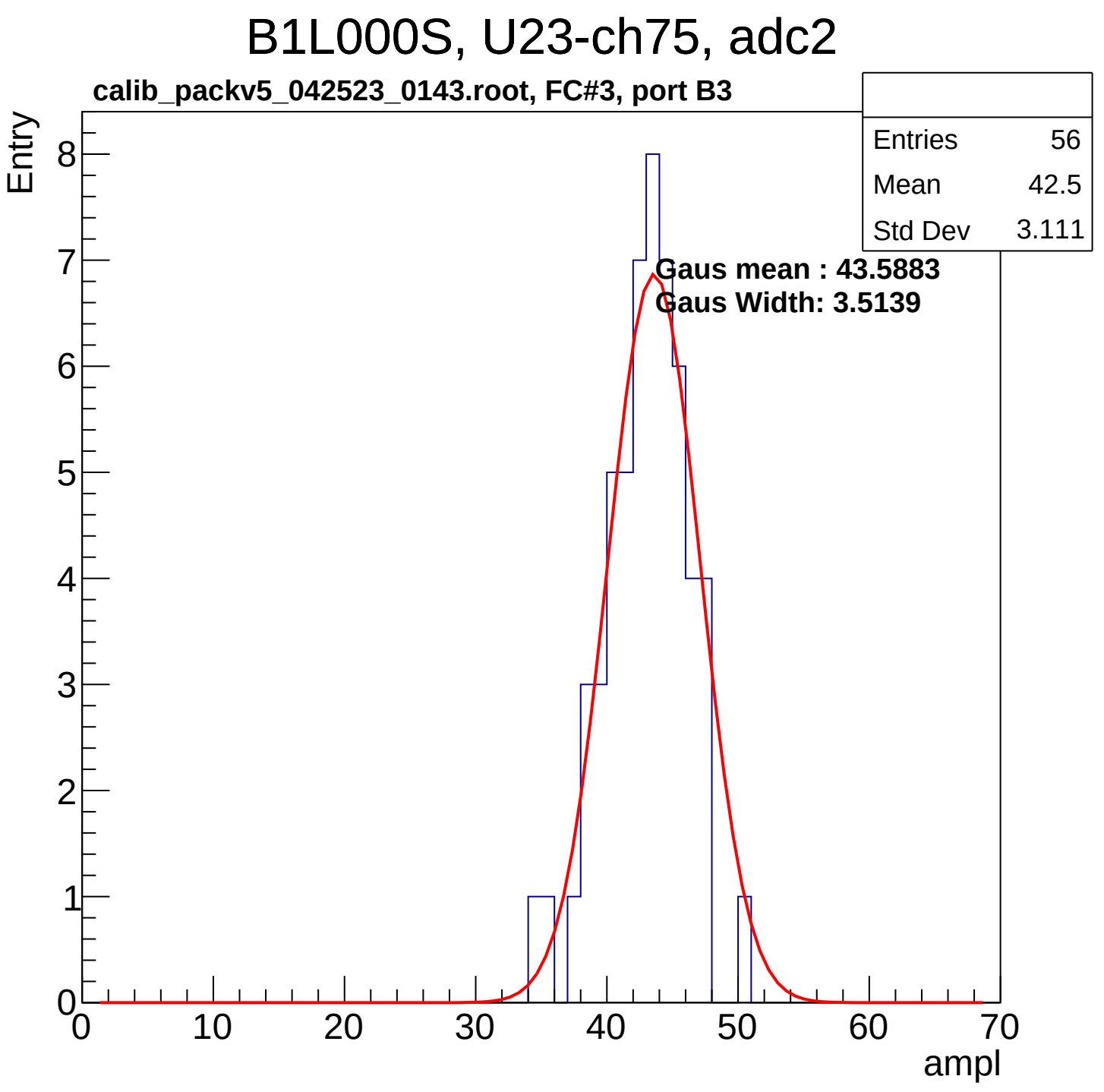

B1L000S, U23-ch74, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 58.12
Std Dev 2.909
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

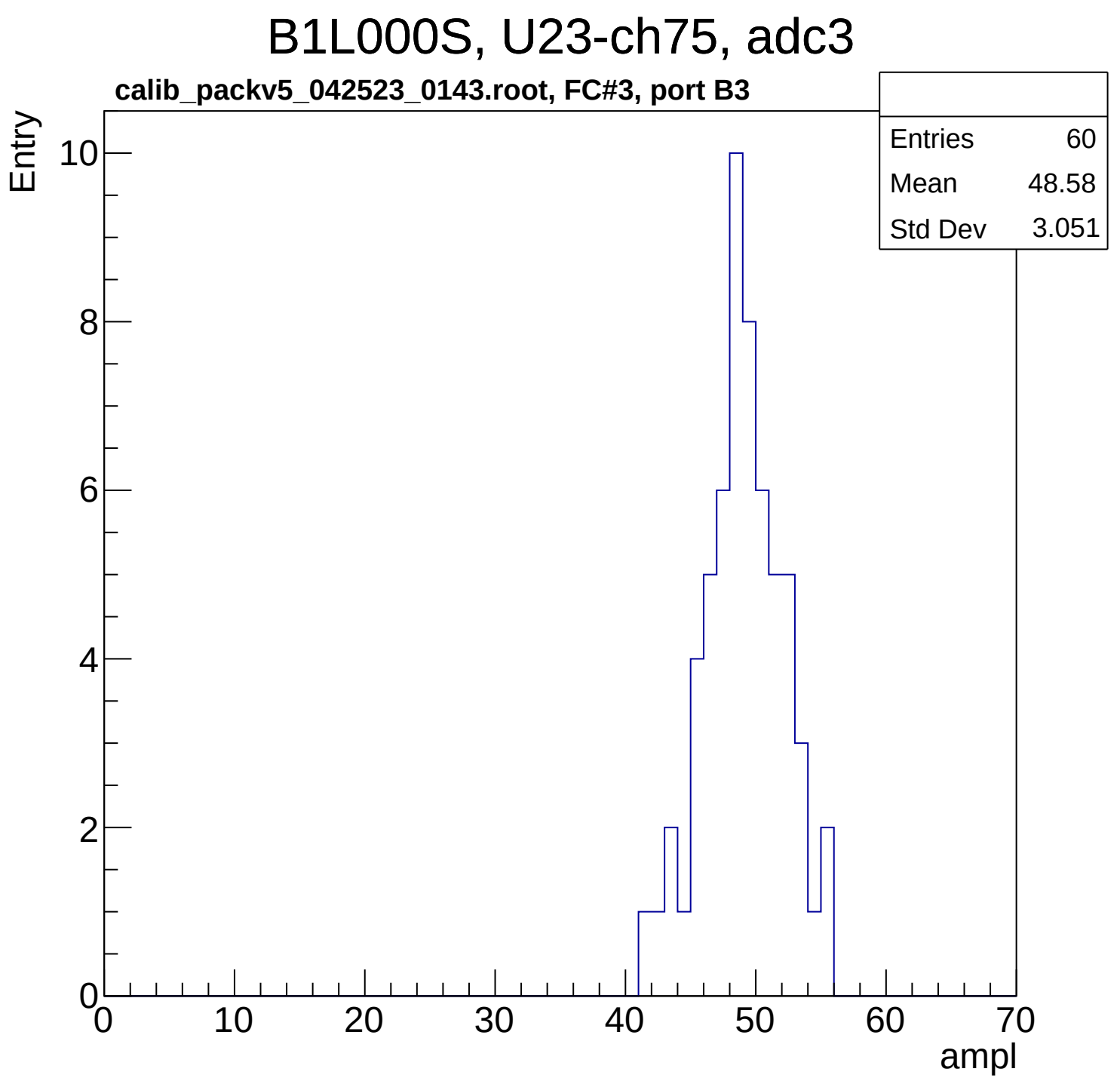

B1L000S, U23-ch74, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.88
Std Dev 14.56
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

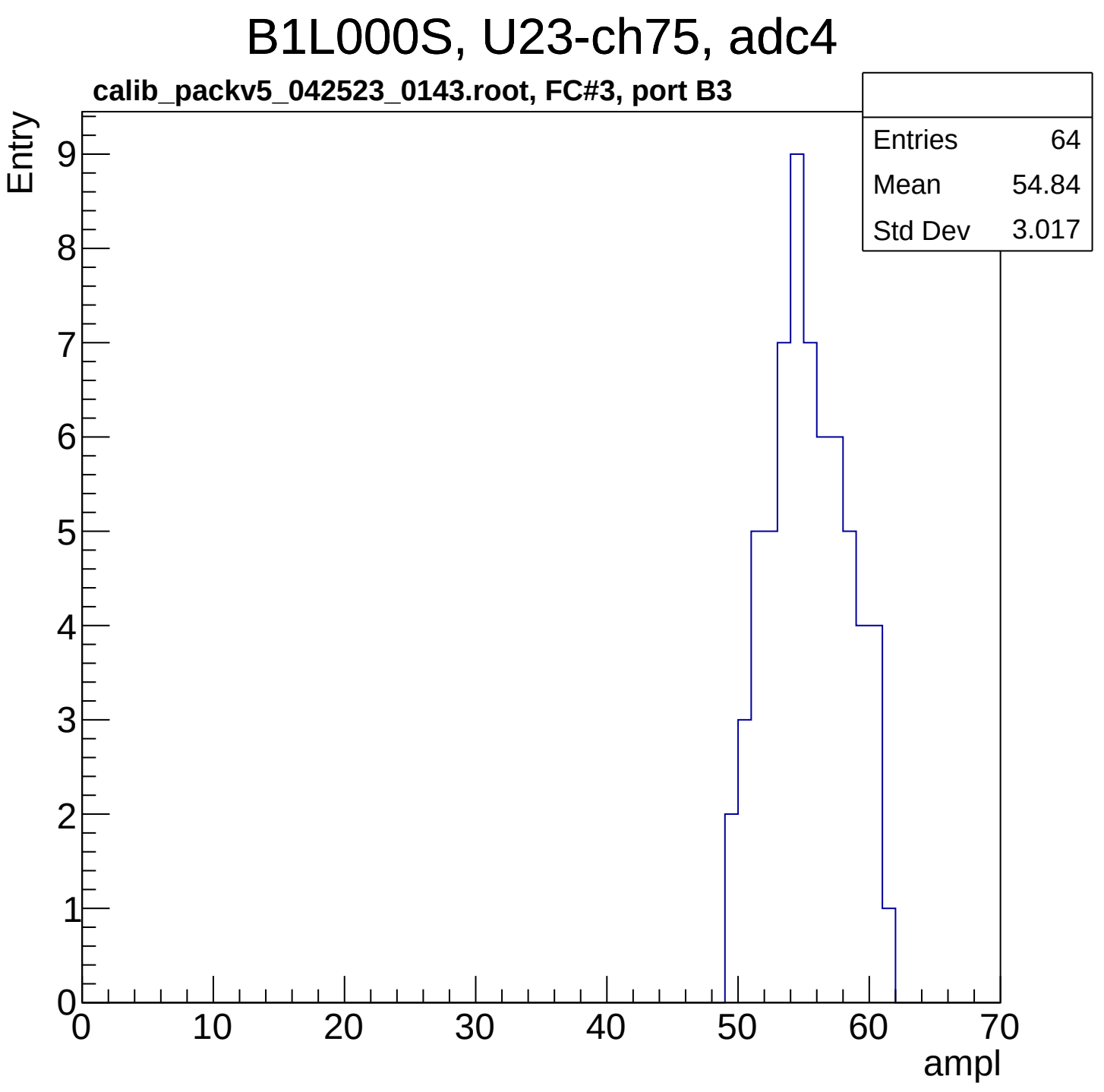

B1L000S, U23-ch74, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

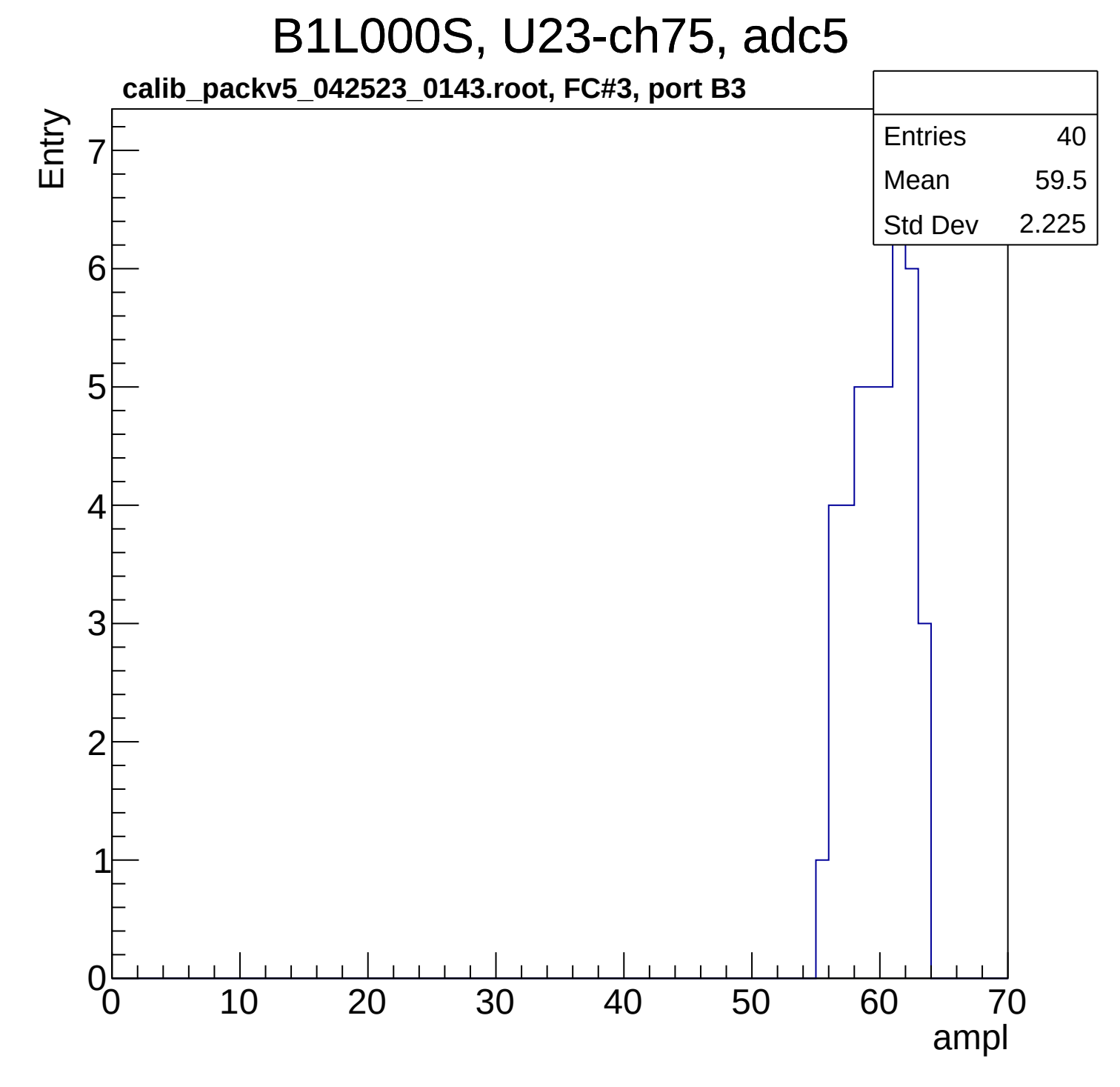

B1L000S, U23-ch75, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 29.12
Std Dev 3.553
Gaus mean : 29.6830
Gaus Width: 2.9318
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

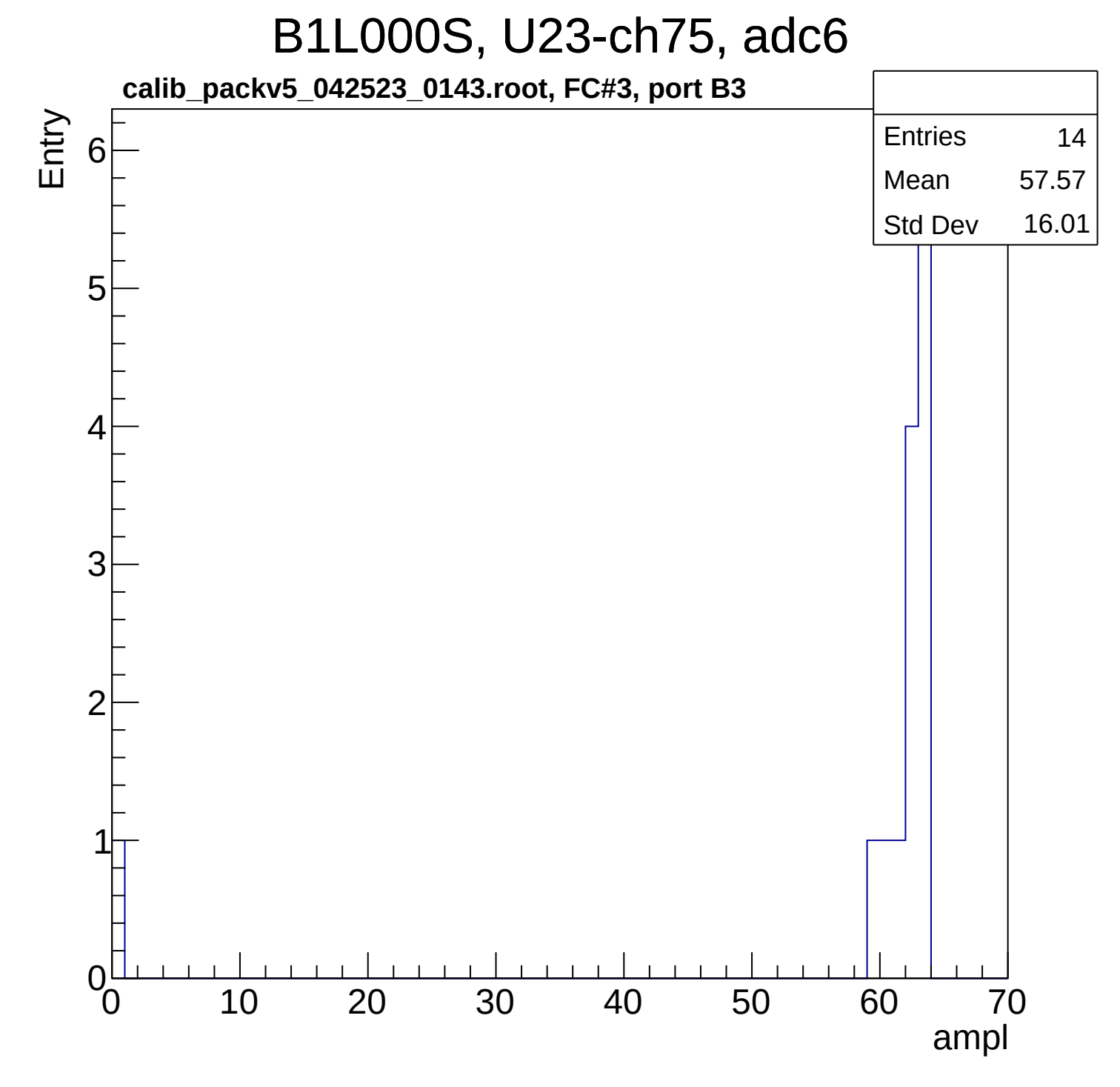

B1L000S, U23-ch75, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.6
Std Dev 3.474
Gaus mean : 37.2707
Gaus Width: 3.5333
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

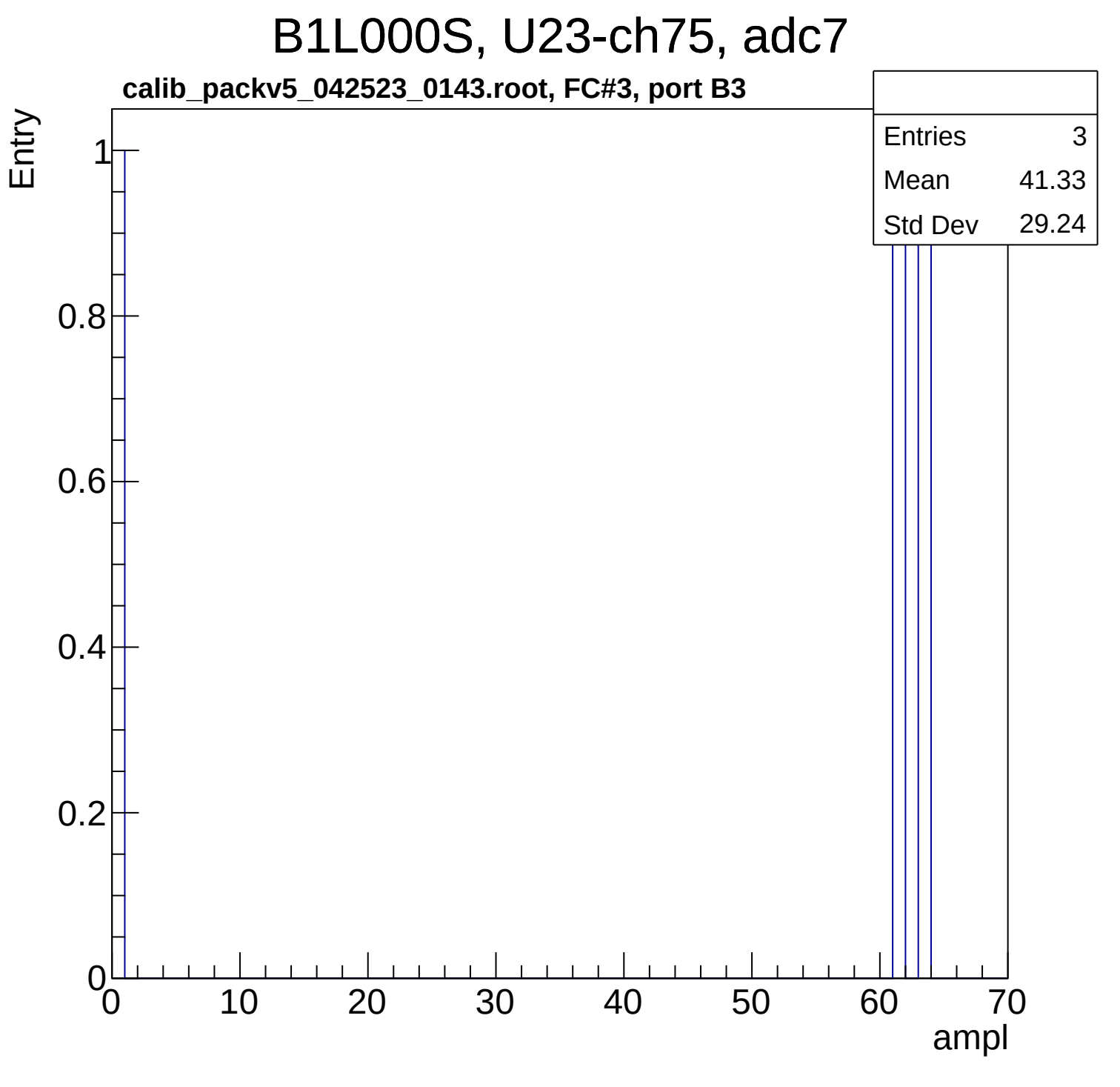

B1L000S, U23-ch75, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.5
Std Dev 3.111
Gaus mean : 43.5883
Gaus Width: 3.5139
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

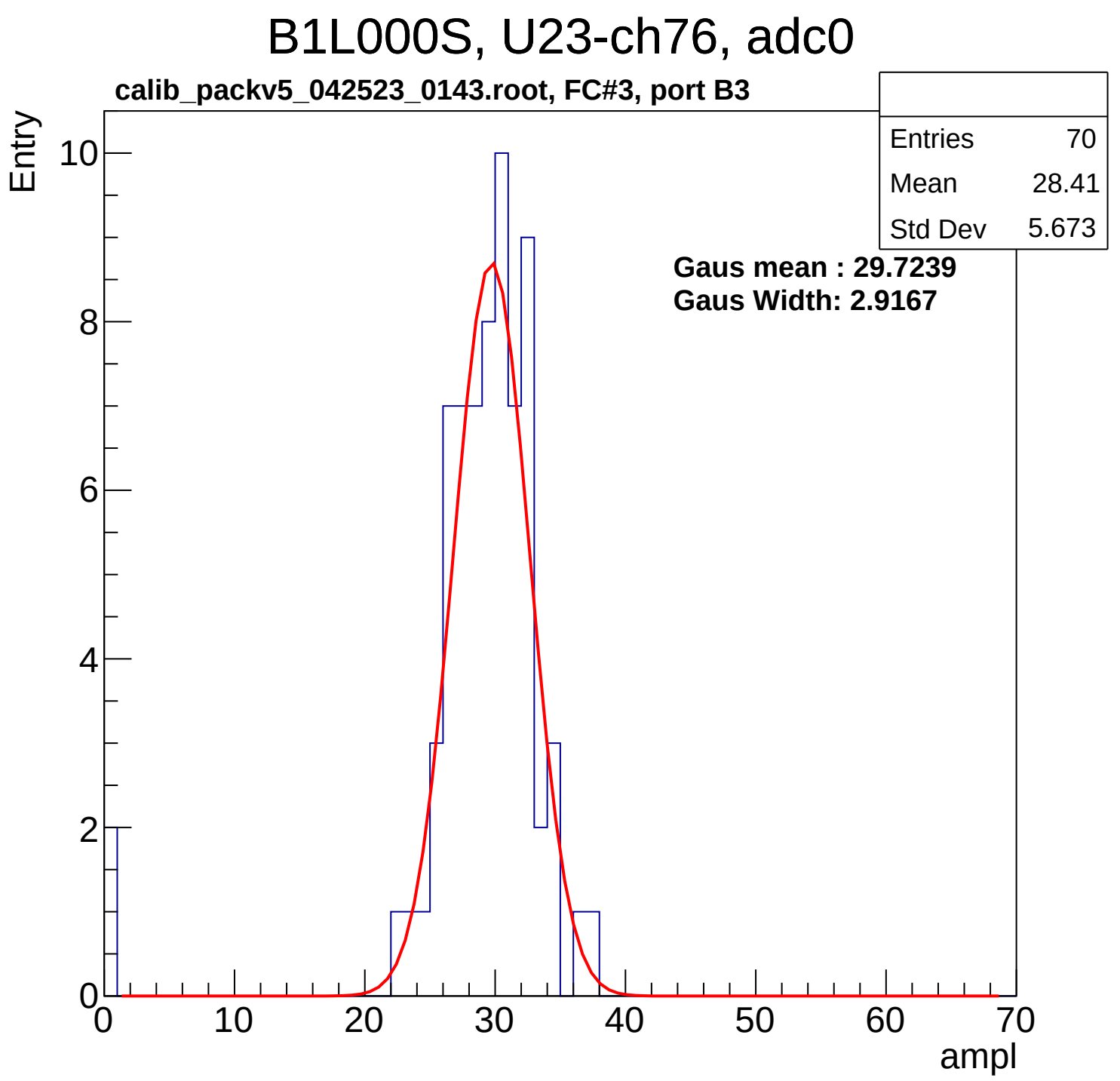

B1L000S, U23-ch75, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 48.58
Std Dev 3.051
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

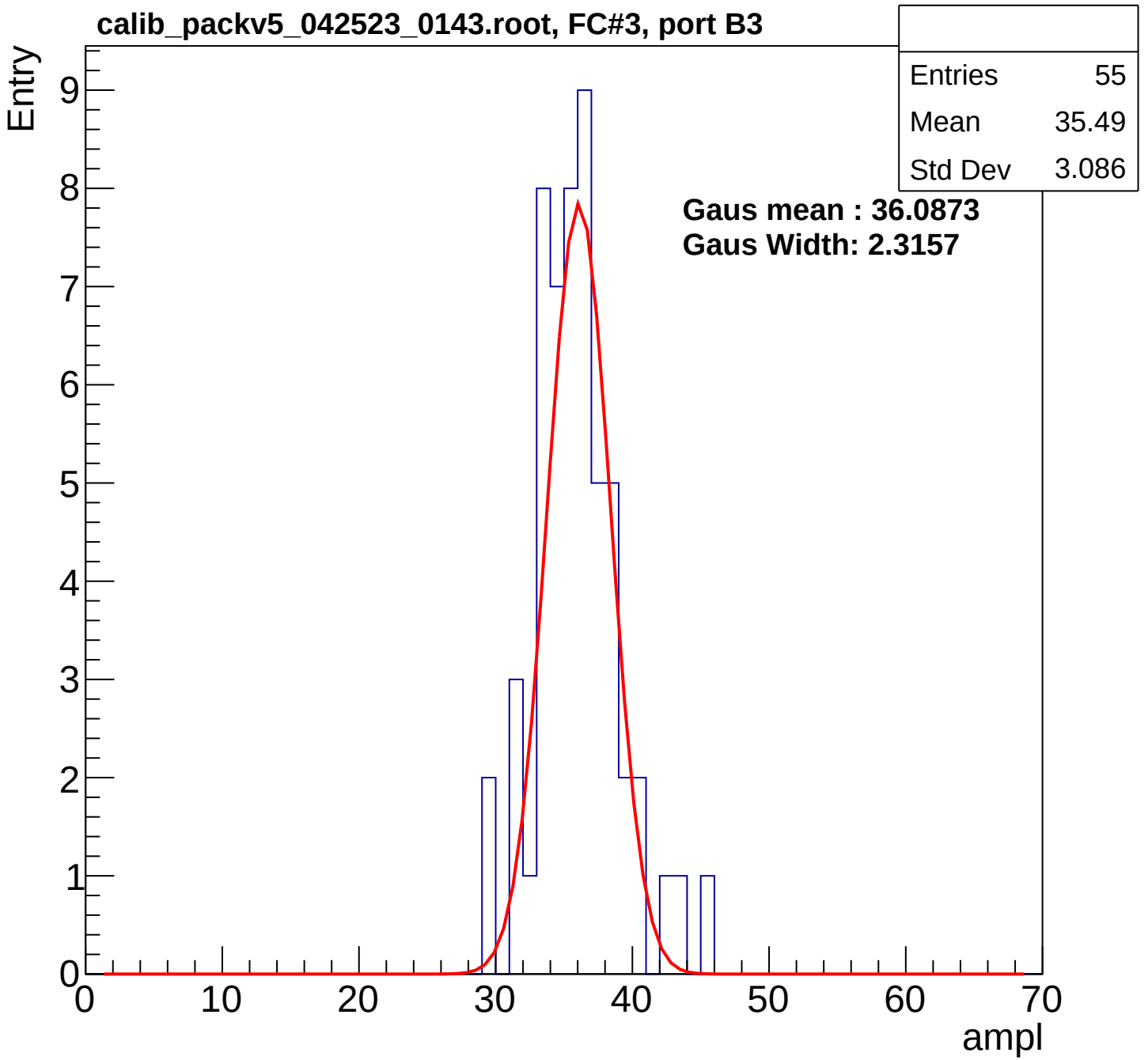

B1L000S, U23-ch75, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.84
Std Dev 3.017
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch75, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 59.5
Std Dev 2.225
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch75, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.57
Std Dev 16.01
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch75, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 41.33
Std Dev 29.24
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch76, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.41
Std Dev 5.673
Gaus mean : 29.7239
Gaus Width: 2.9167
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch76, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 35.49
Std Dev 3.086
Gaus mean : 36.0873
Gaus Width: 2.3157
Entry
ampl
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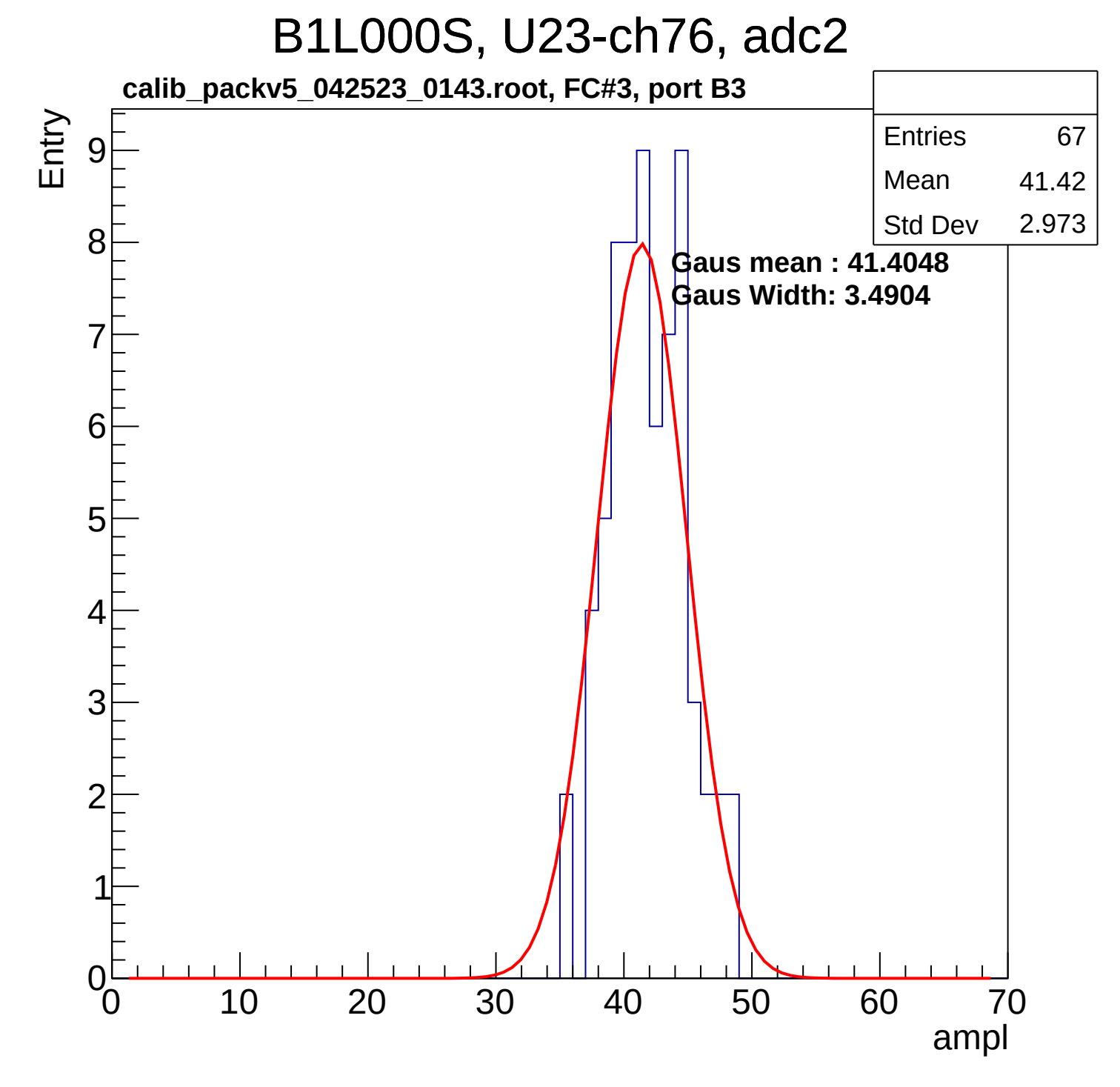
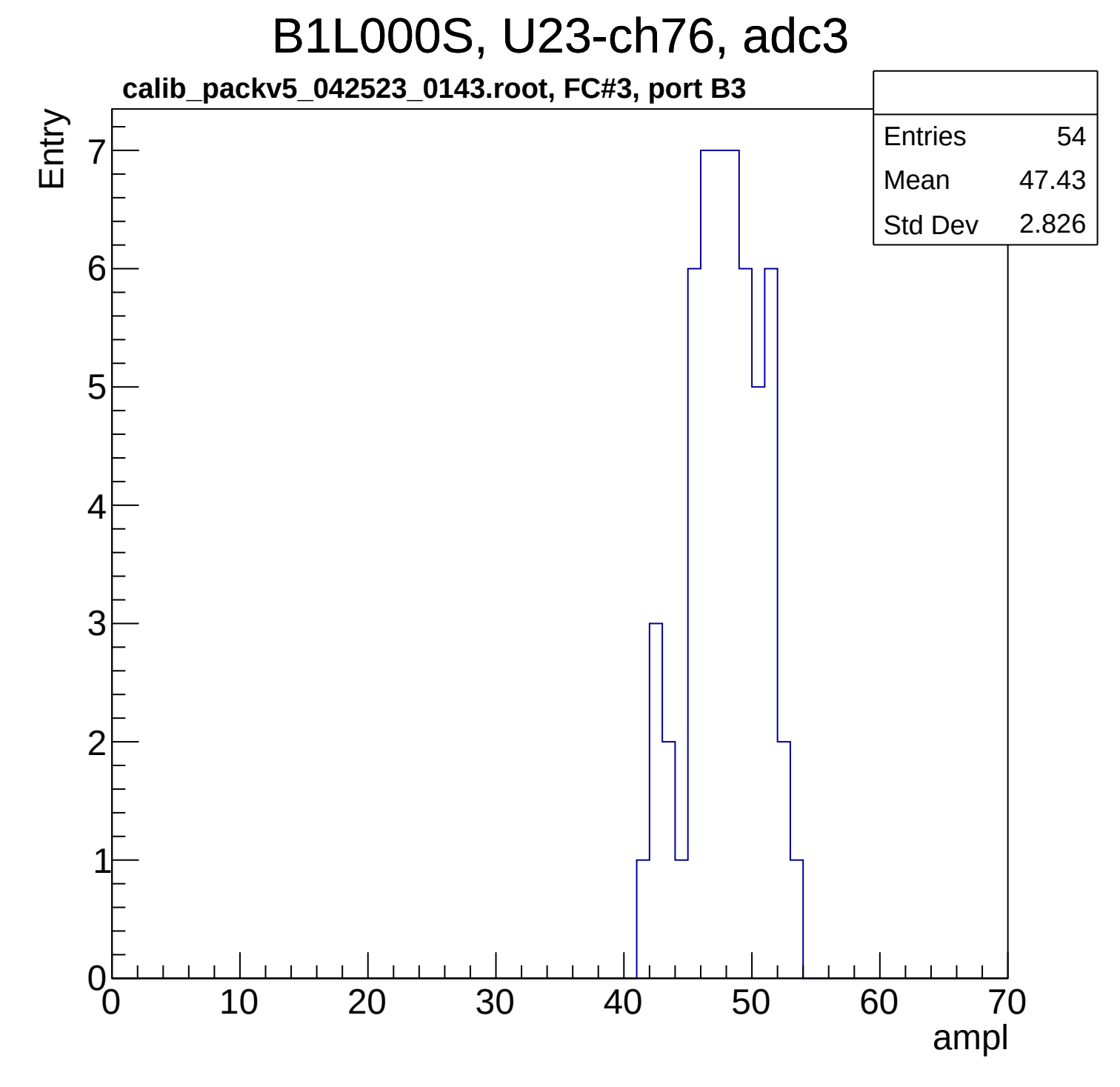
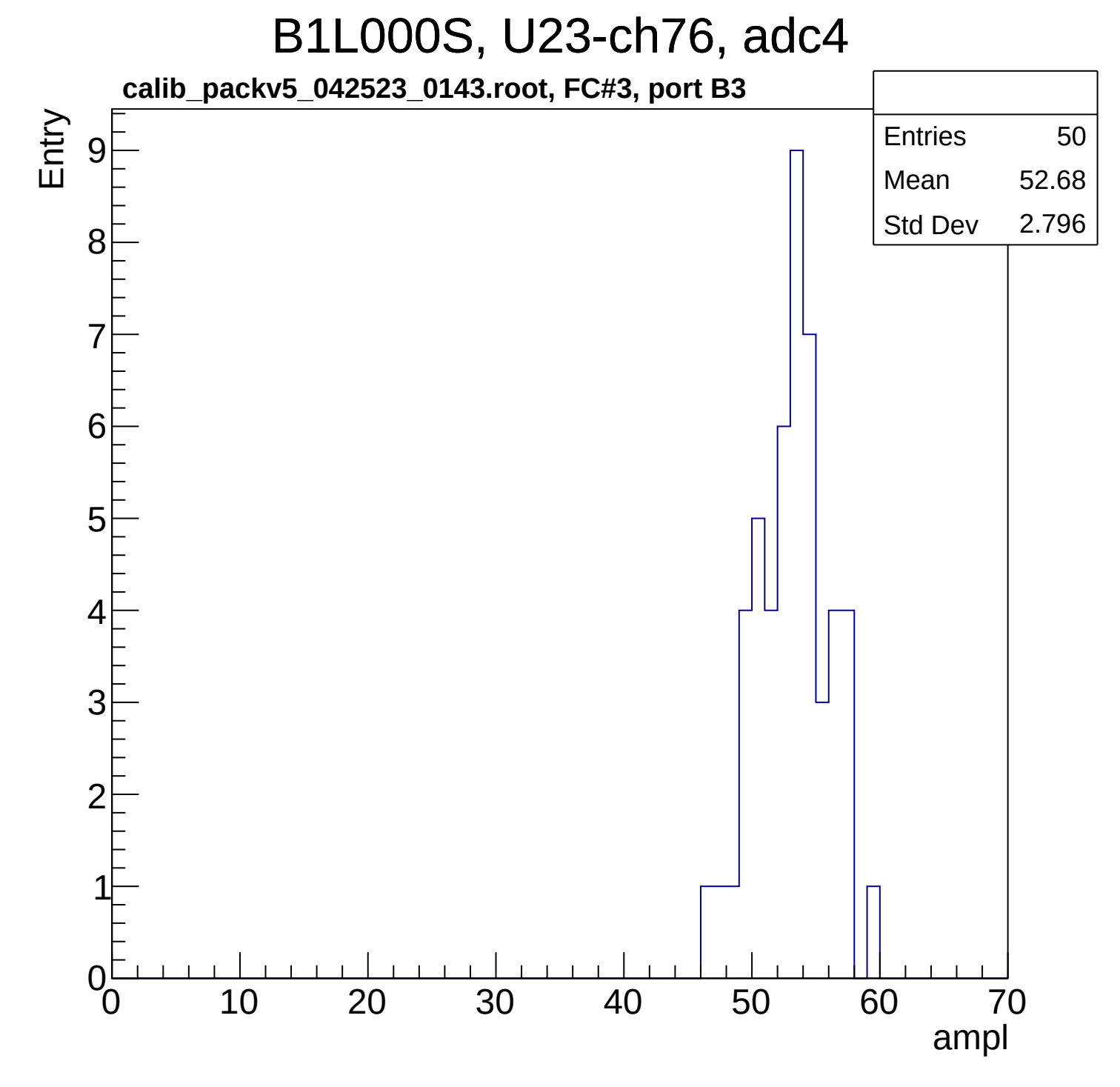
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch76, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41.42
Std Dev 2.973
Gaus mean : 41.4048
Gaus Width: 3.4904
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch76, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 47.43
Std Dev 2.826
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch76, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 52.68
Std Dev 2.796
Entry
ampl
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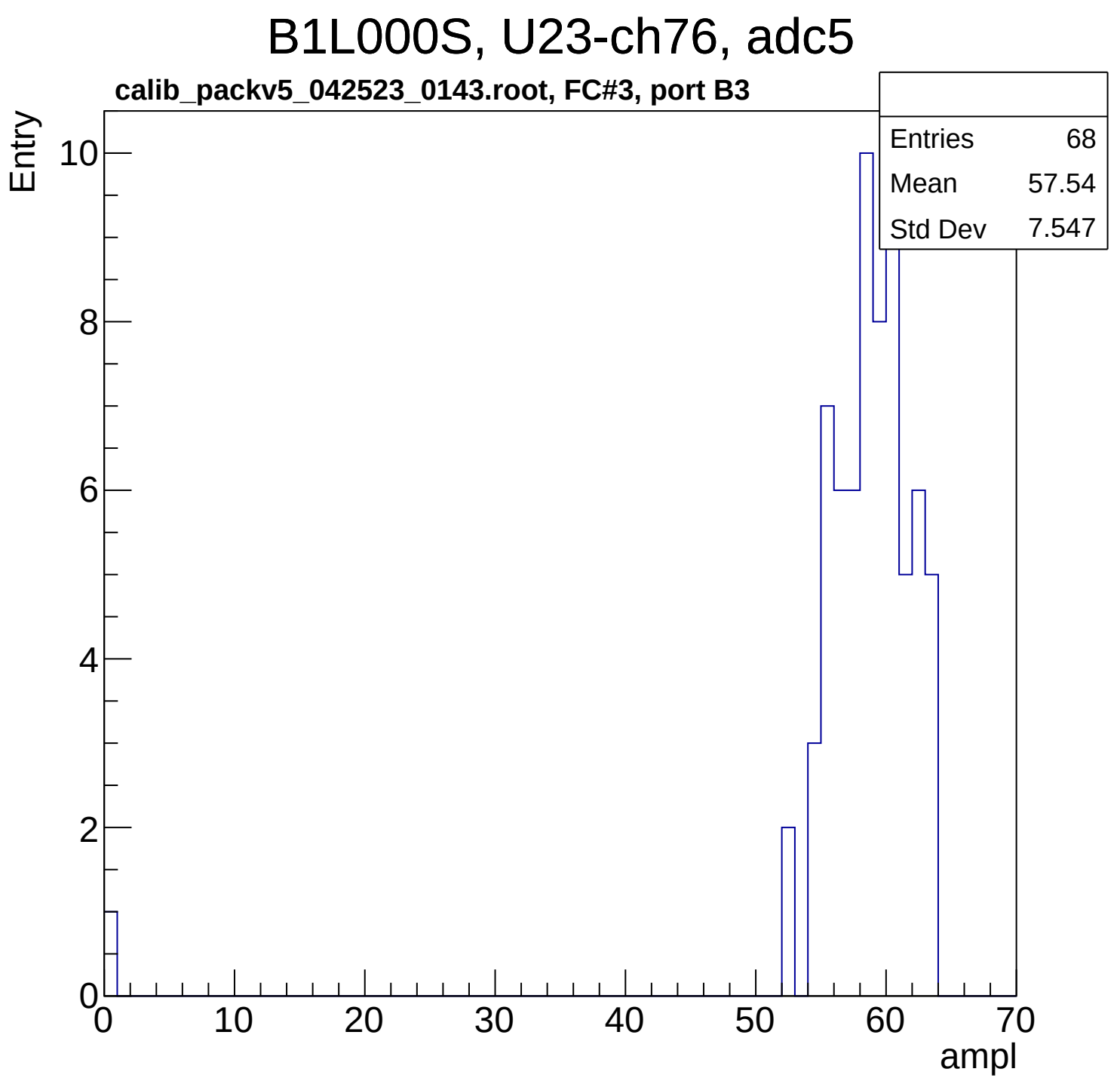
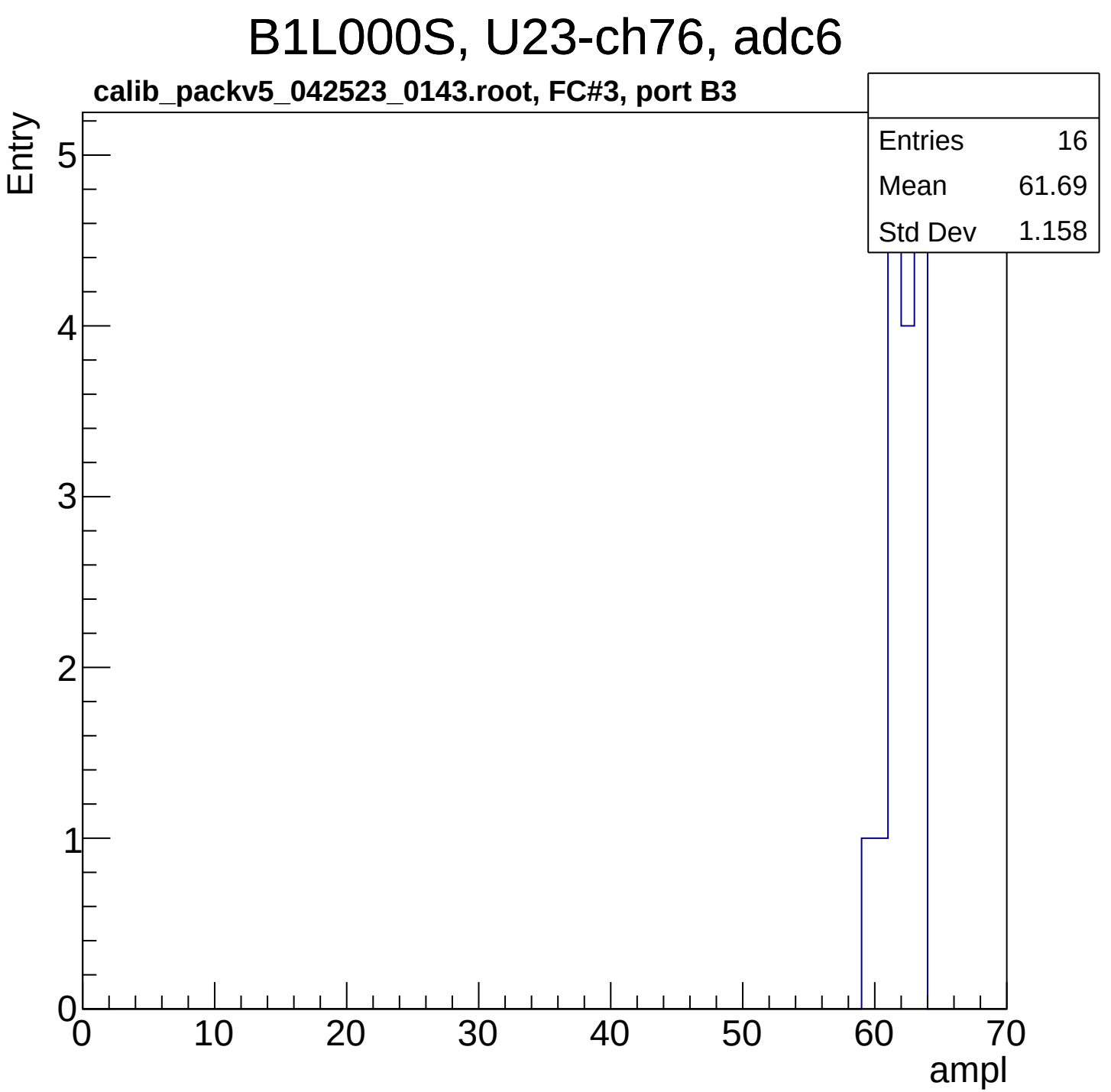
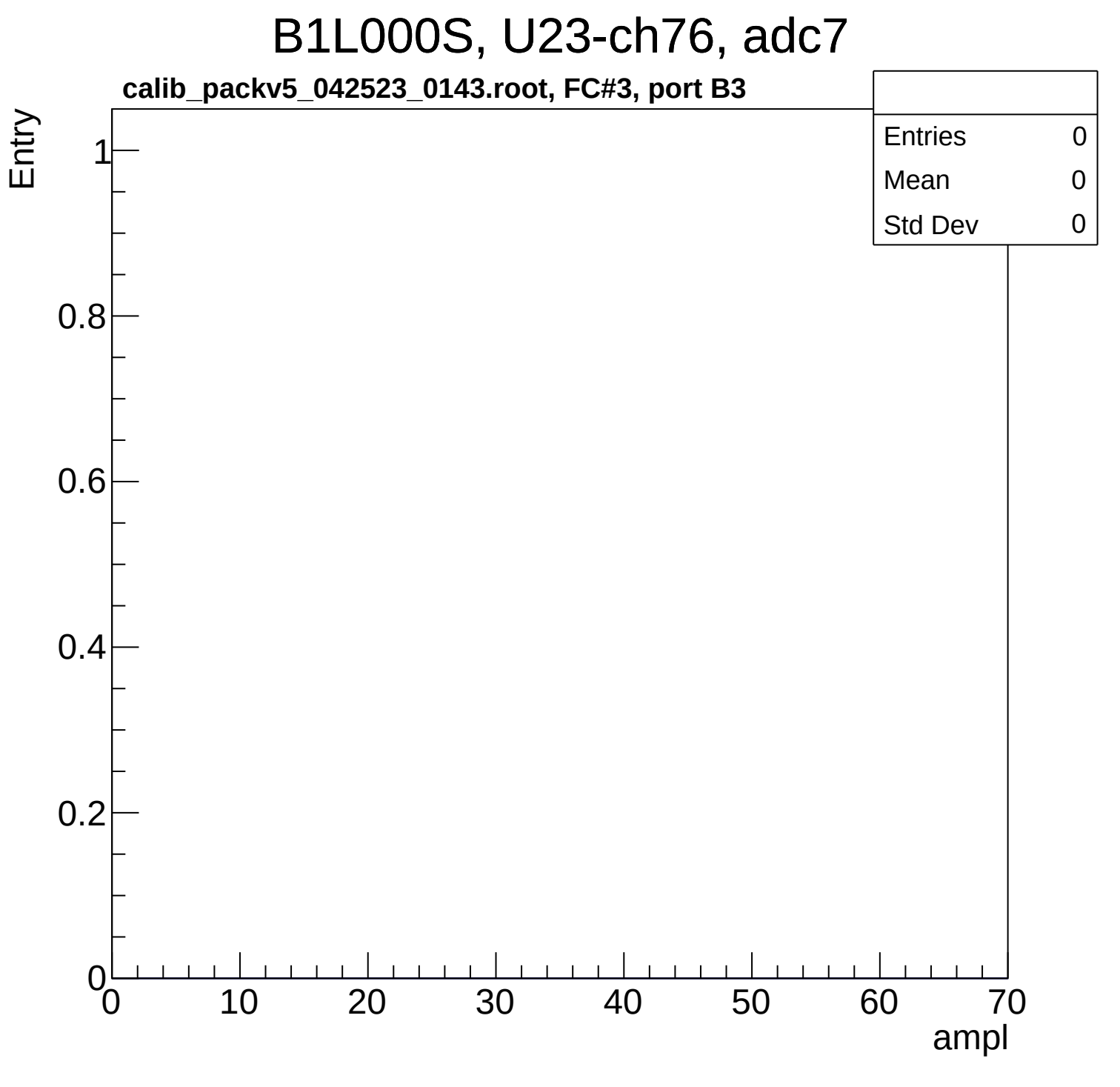
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch76, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 57.54
Std Dev 7.547
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch76, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.69
Std Dev 1.158
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch76, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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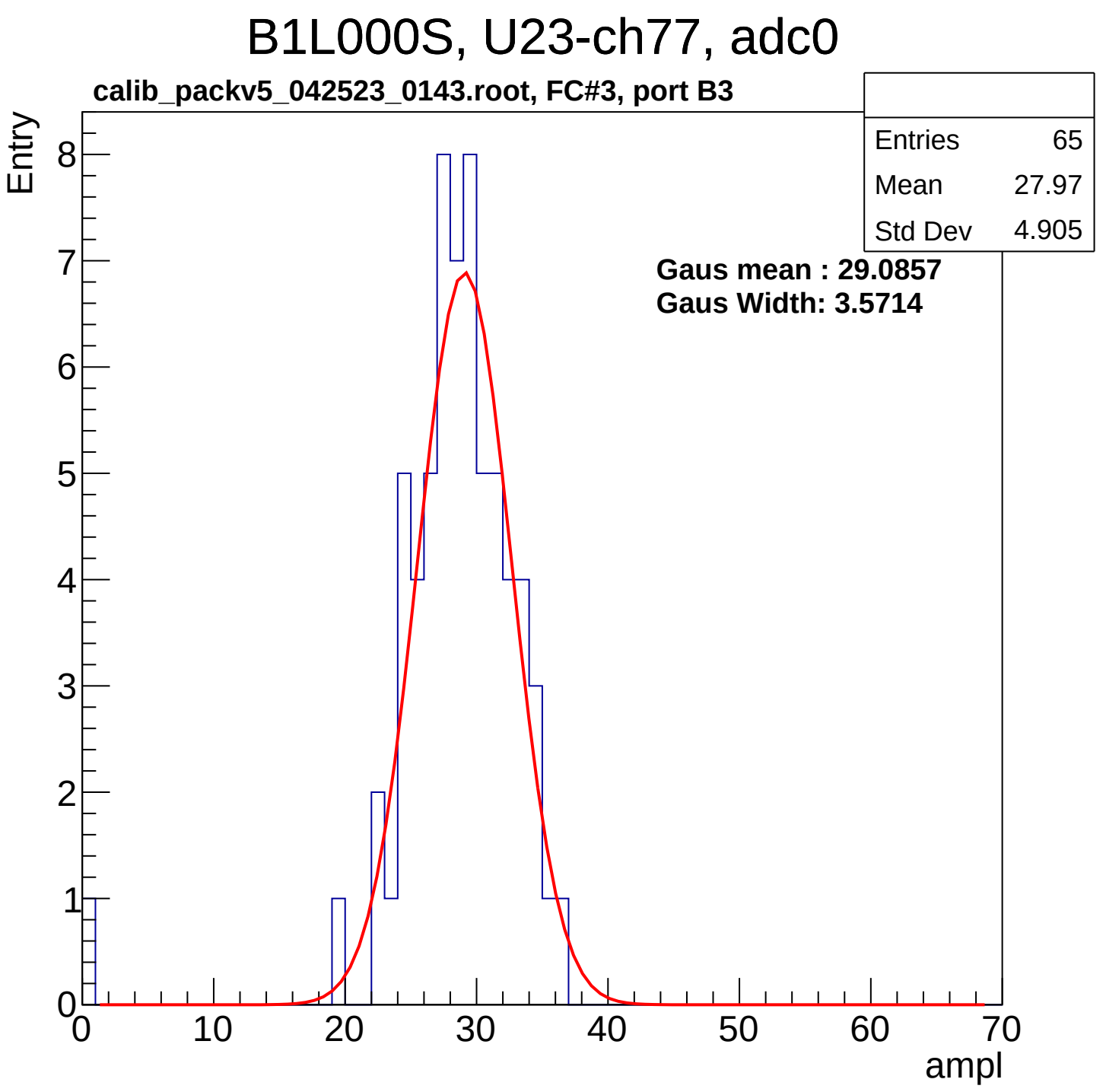
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch77, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 27.97
Std Dev 4.905
Gaus mean : 29.0857
Gaus Width: 3.5714
Entry
ampl
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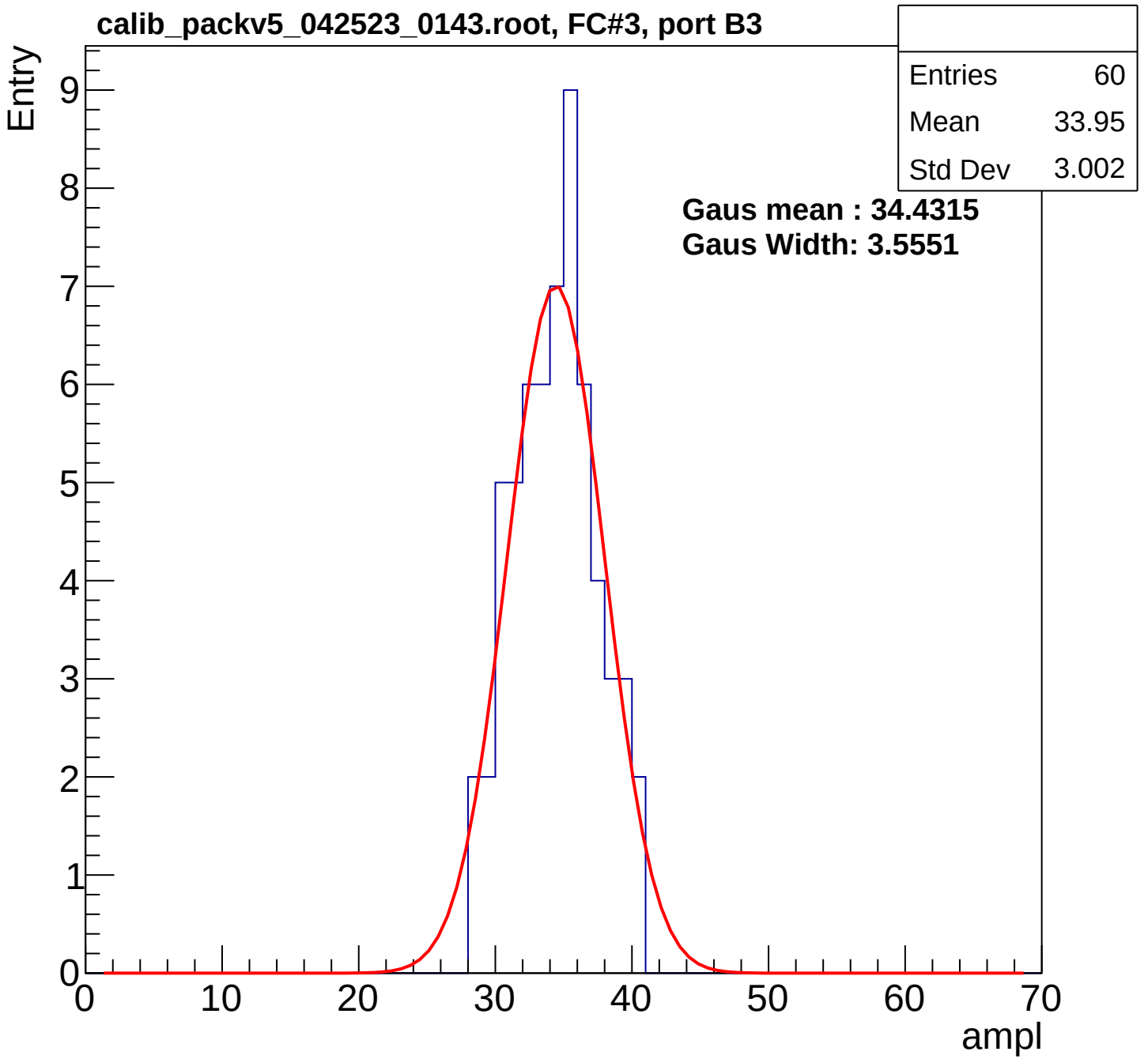
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch77, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 33.95
Std Dev 3.002
Gaus mean : 34.4315
Gaus Width: 3.5551
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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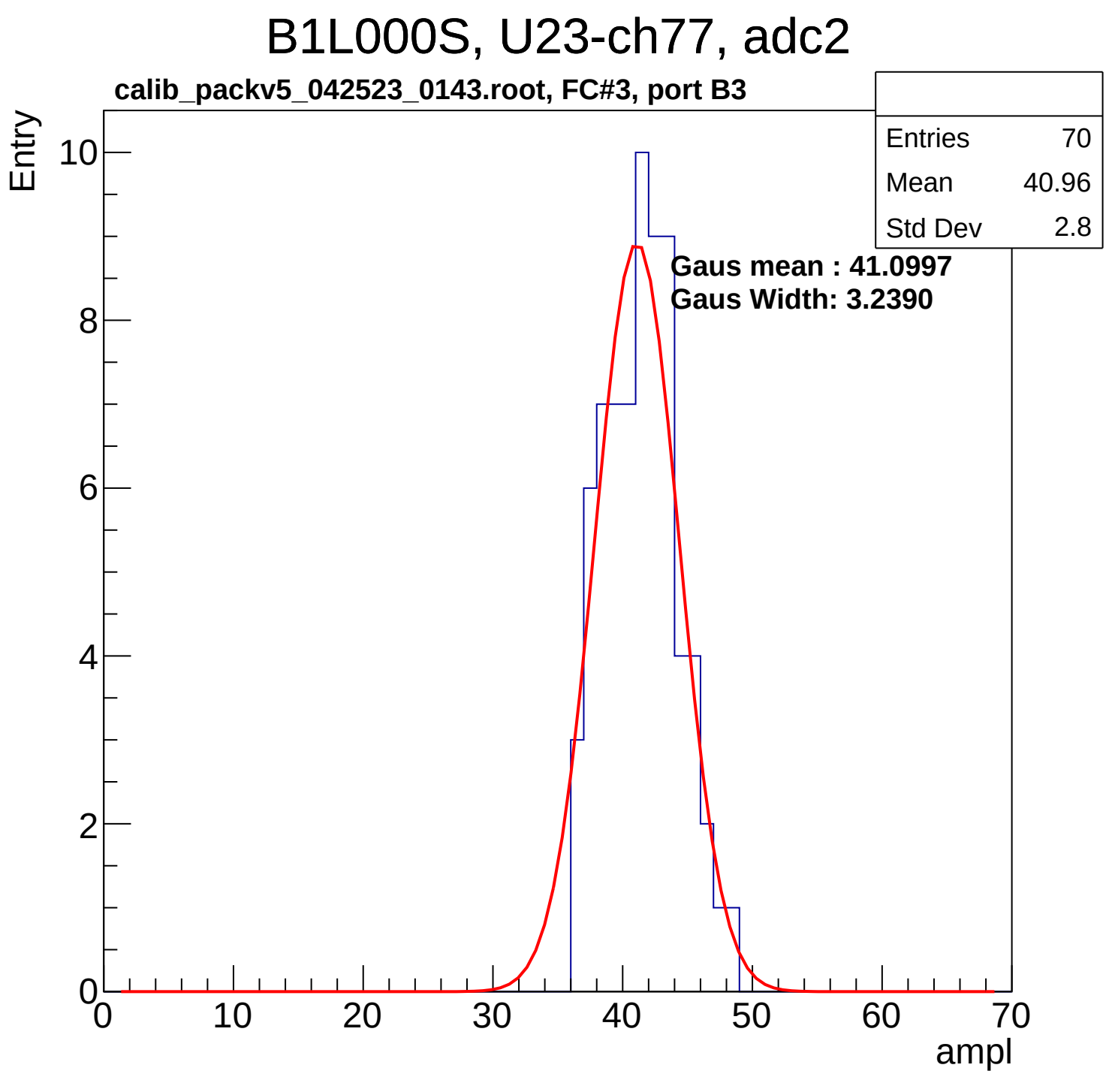
B1L000S, U23-ch77, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 40.96
Std Dev 2.8
Gaus mean : 41.0997
Gaus Width: 3.2390
Entry
ampl
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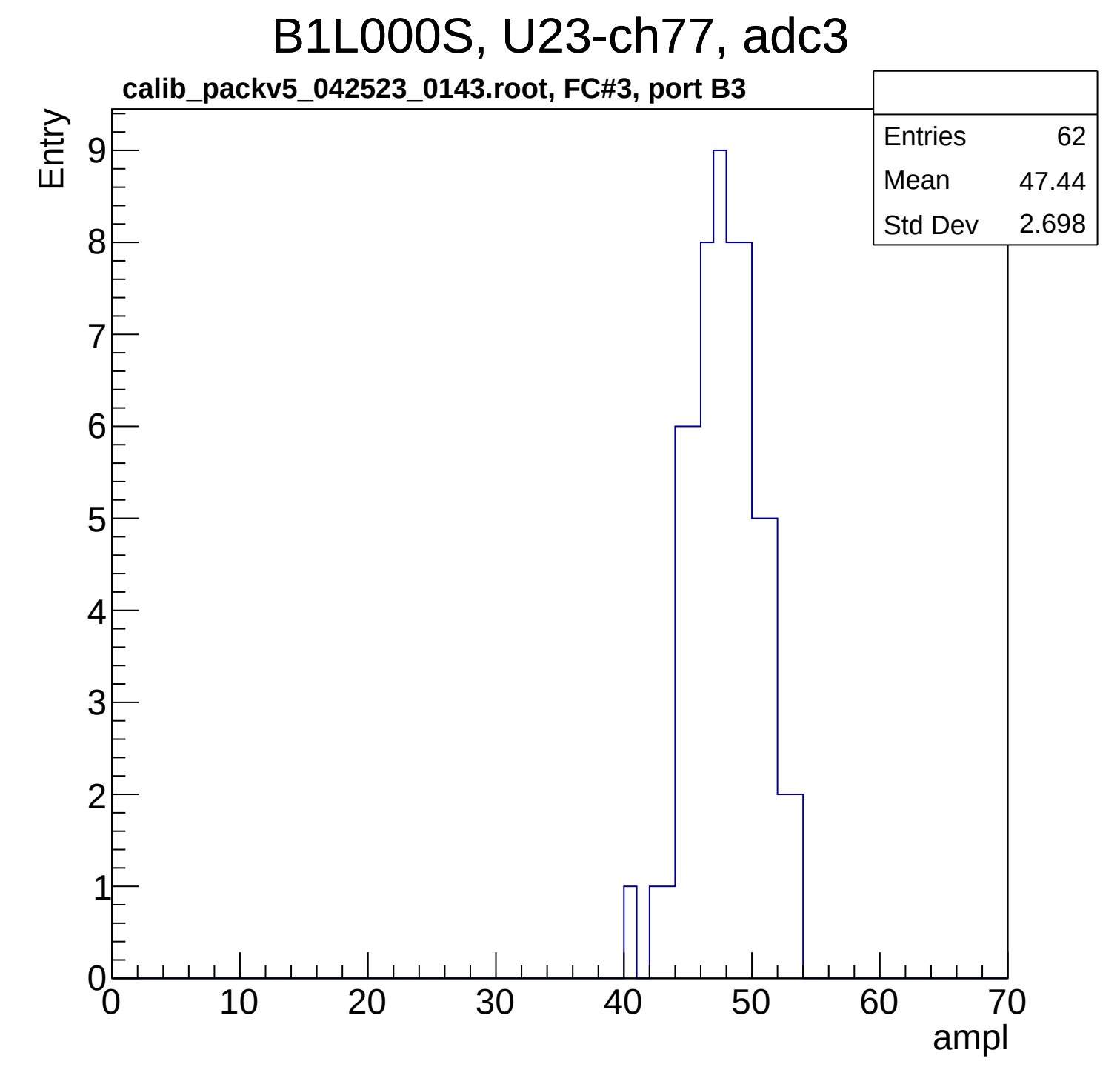
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch77, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 47.44
Std Dev 2.698
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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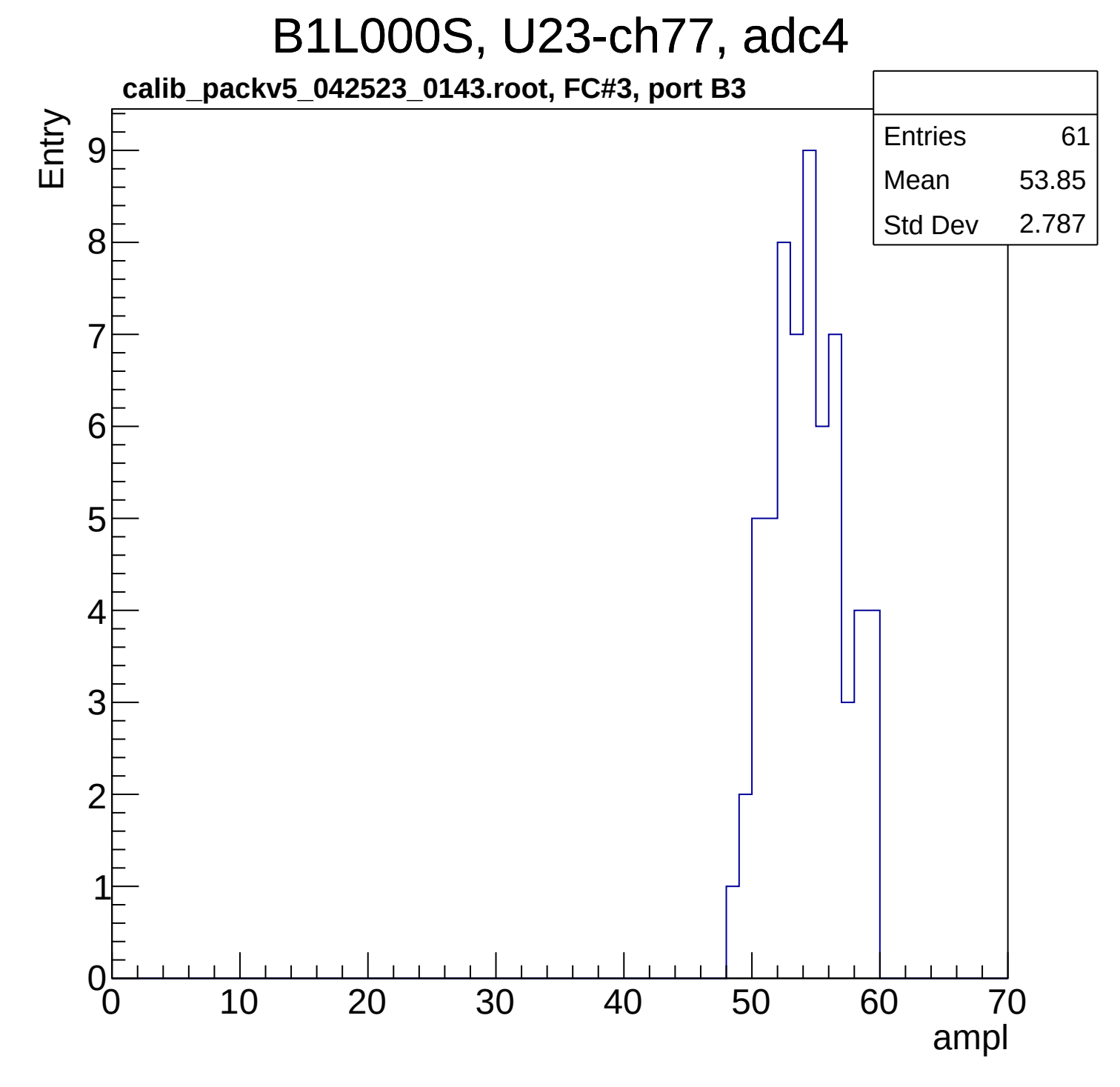
B1L000S, U23-ch77, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.85
Std Dev 2.787
Entry
ampl
0
1
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3
4
5
6
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8
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0
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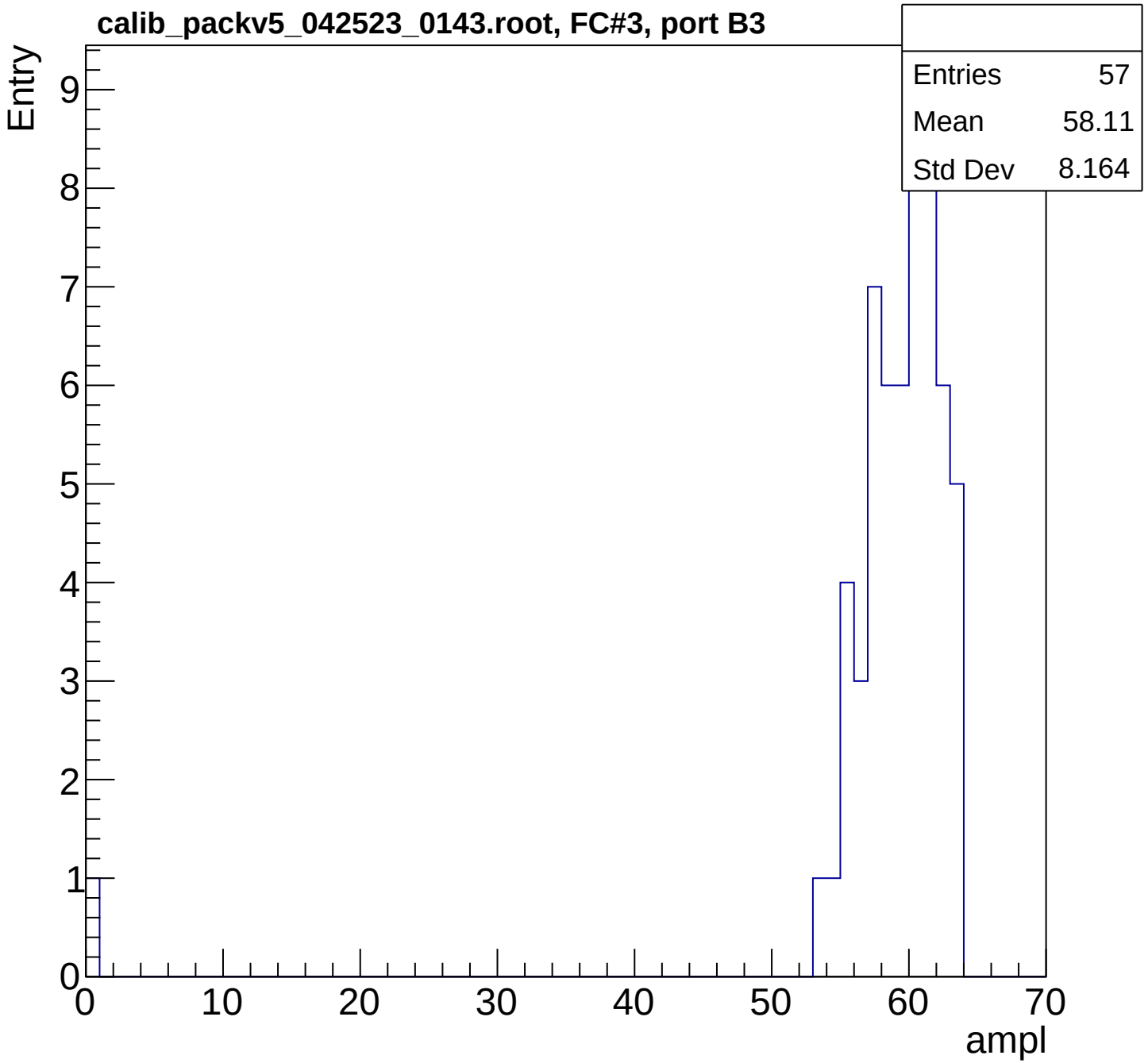
B1L000S, U23-ch77, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.11
Std Dev 8.164
Entry
ampl
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8
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0
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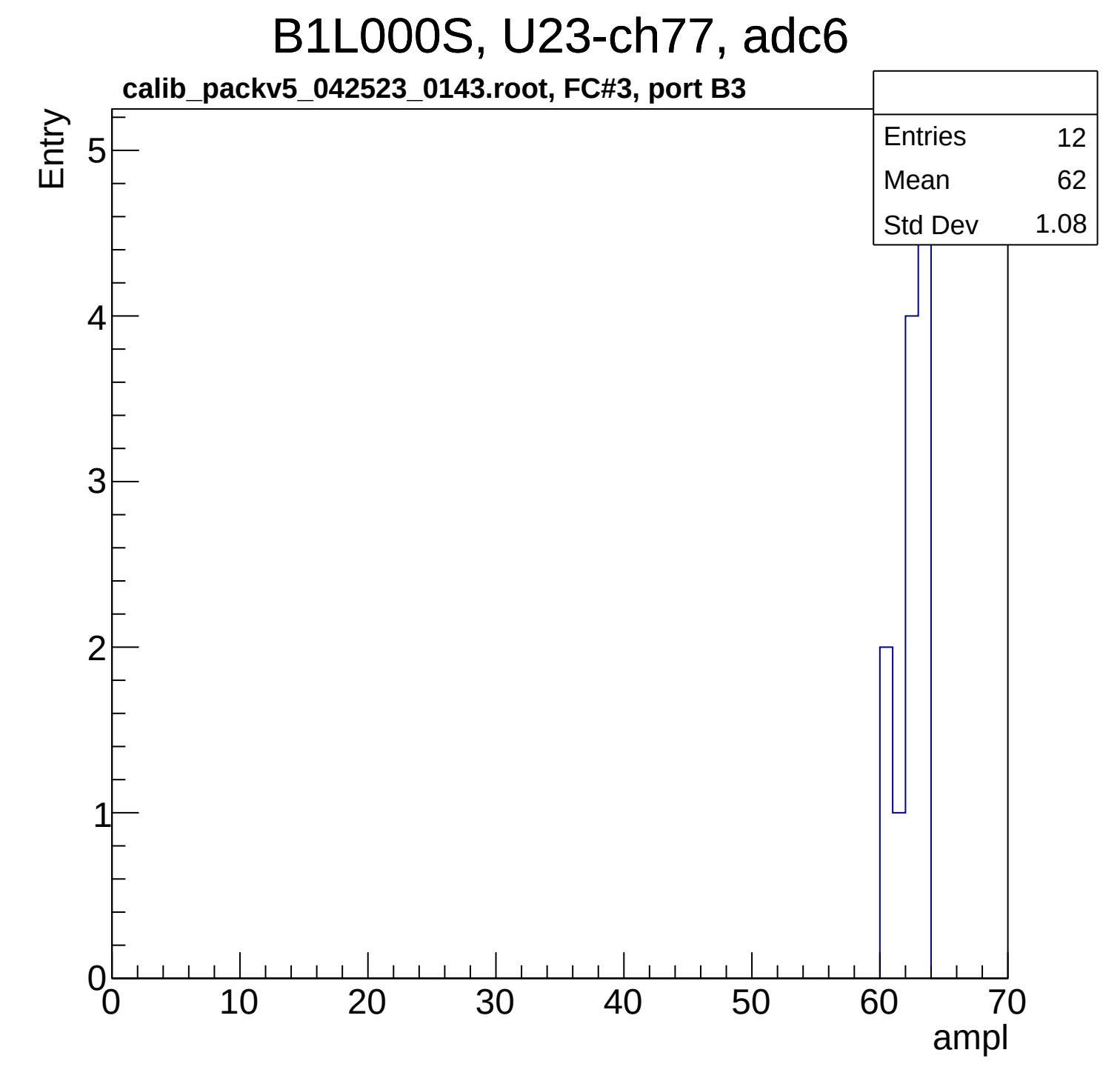
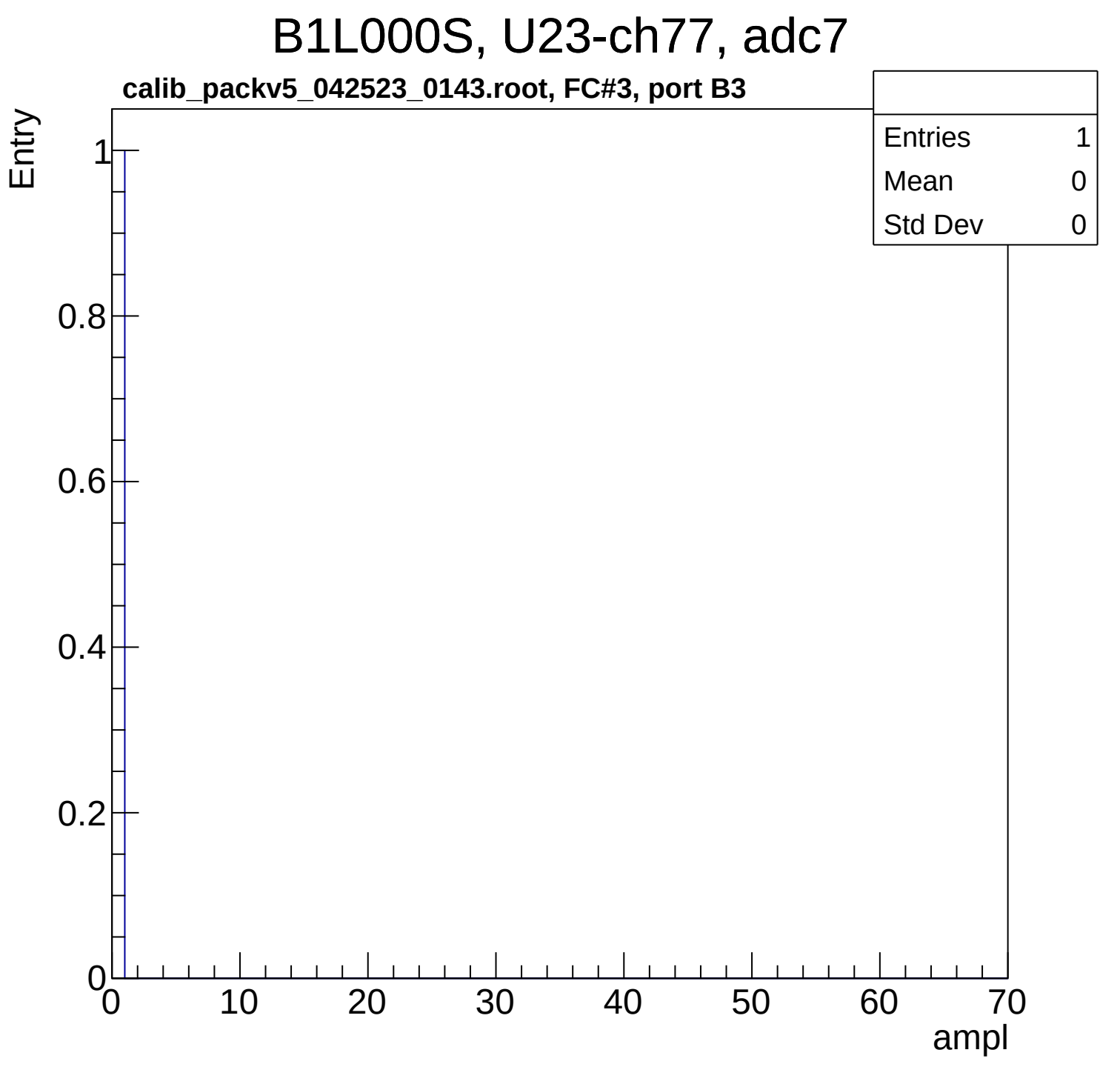
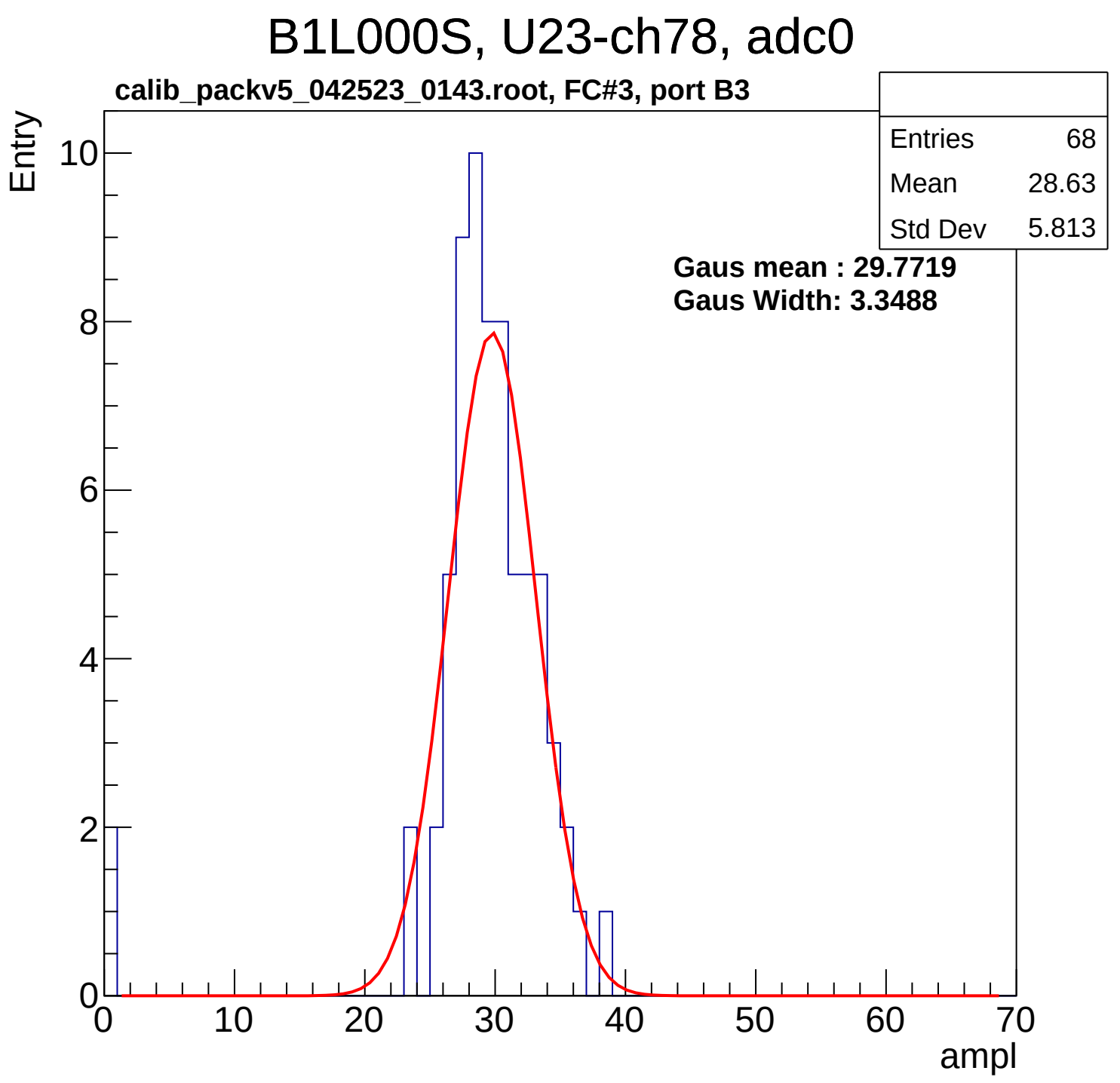

B1L000S, U23-ch77, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 62
Std Dev 1.08
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch77, 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, U23-ch78, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.63
Std Dev 5.813
Gaus mean : 29.7719
Gaus Width: 3.3488
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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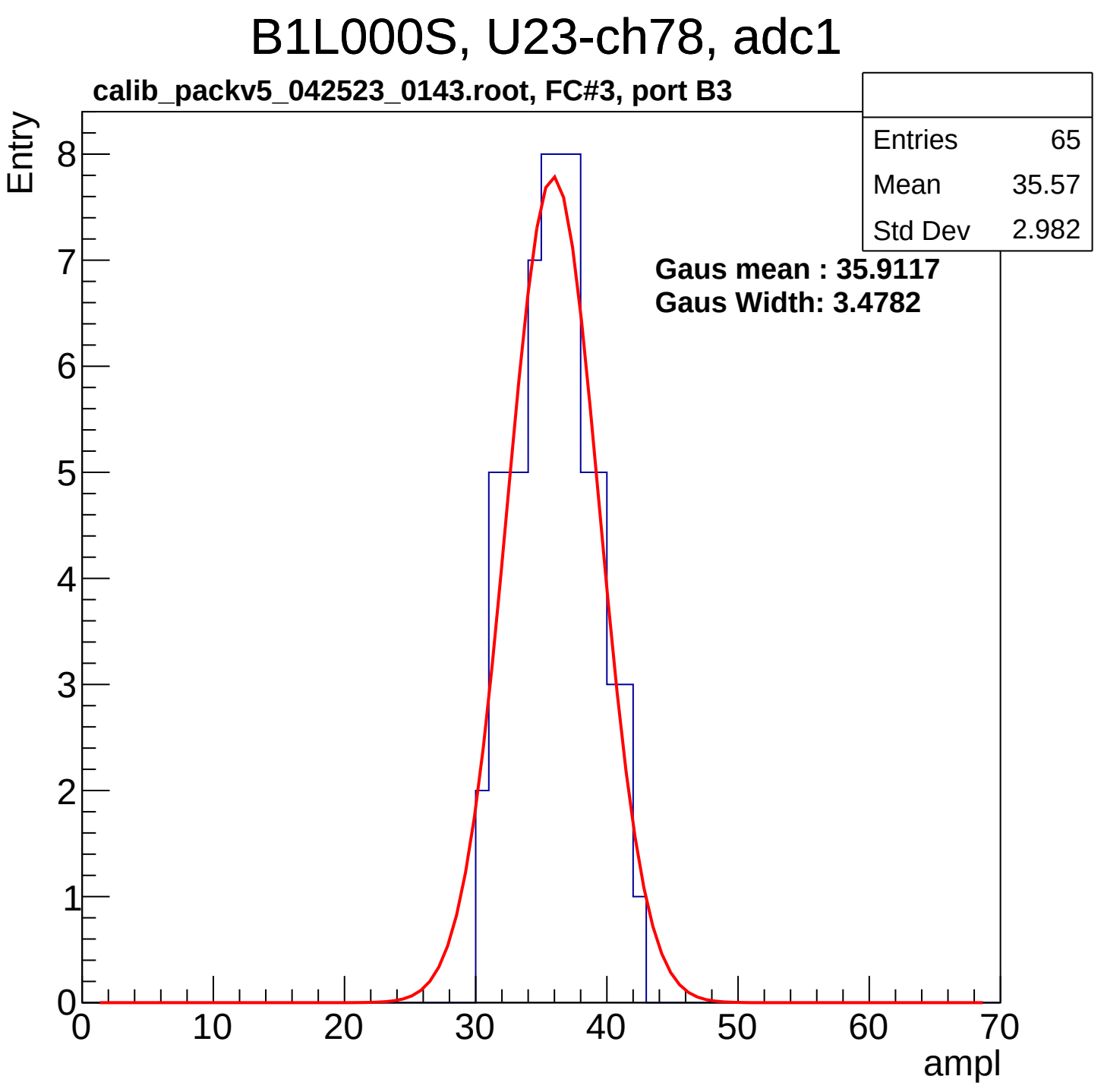
B1L000S, U23-ch78, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.57
Std Dev 2.982
Gaus mean : 35.9117
Gaus Width: 3.4782
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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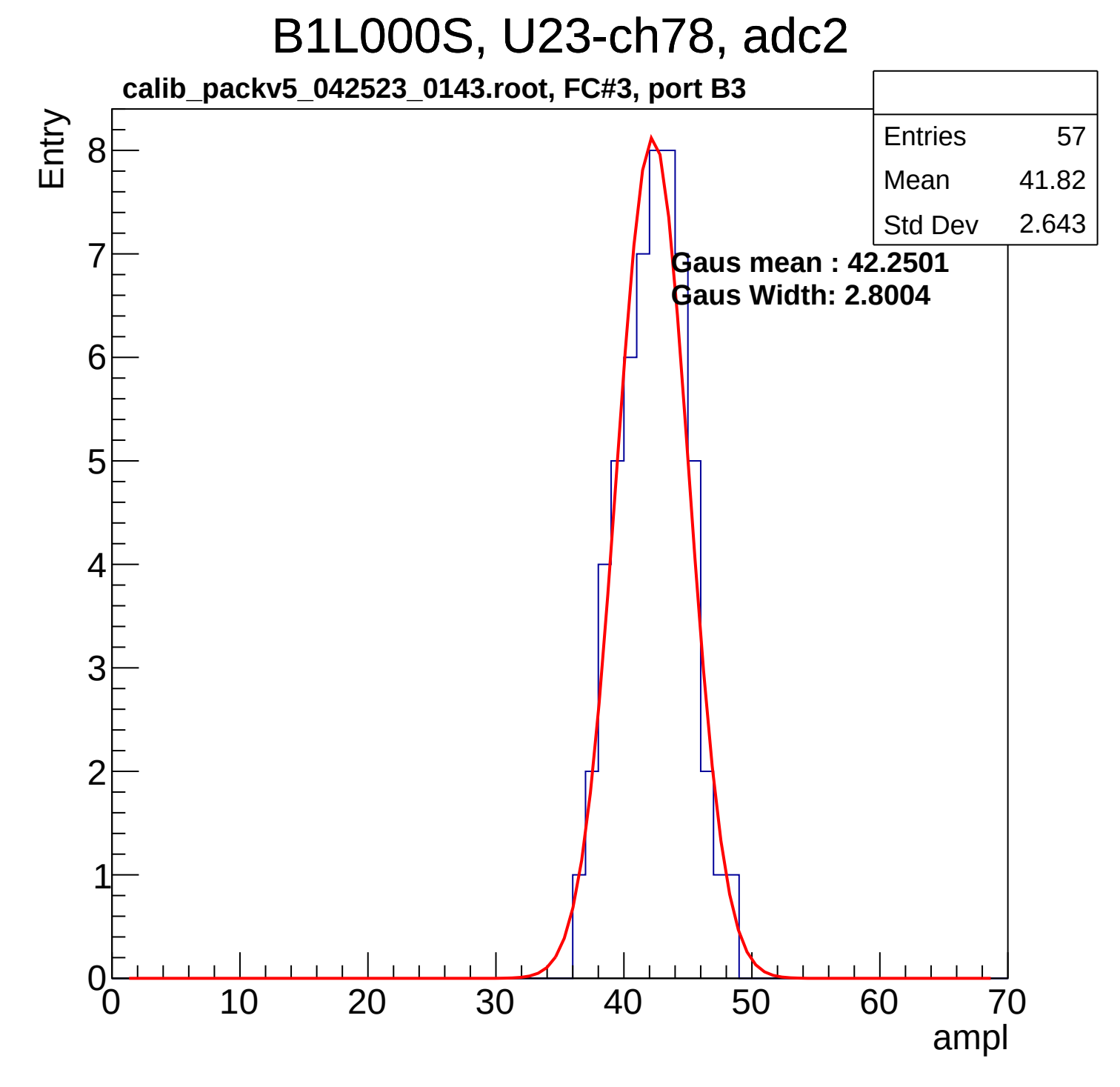
B1L000S, U23-ch78, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.82
Std Dev 2.643
Gaus mean : 42.2501
Gaus Width: 2.8004
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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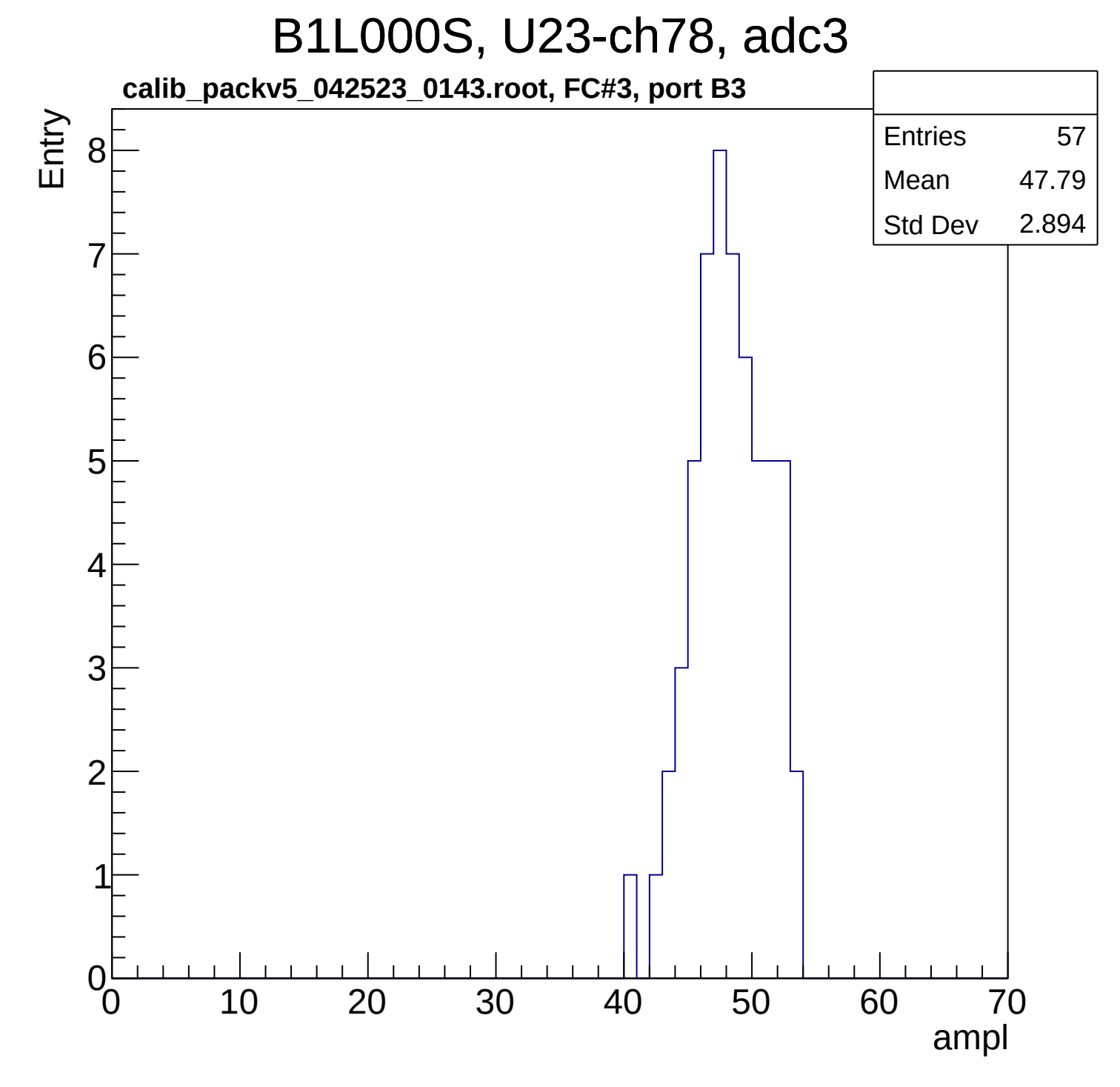
B1L000S, U23-ch78, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.79
Std Dev 2.894
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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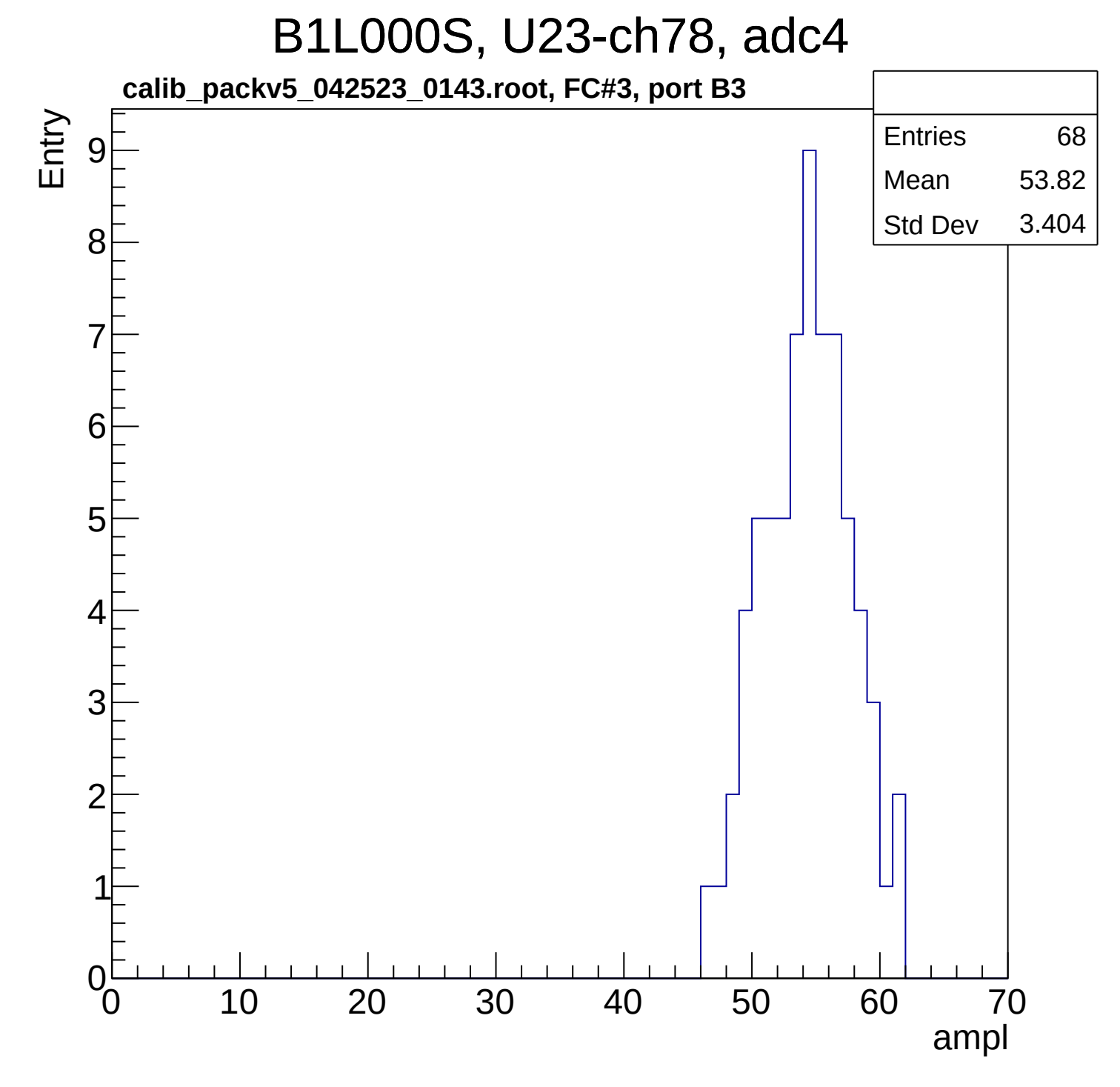
B1L000S, U23-ch78, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 53.82
Std Dev 3.404
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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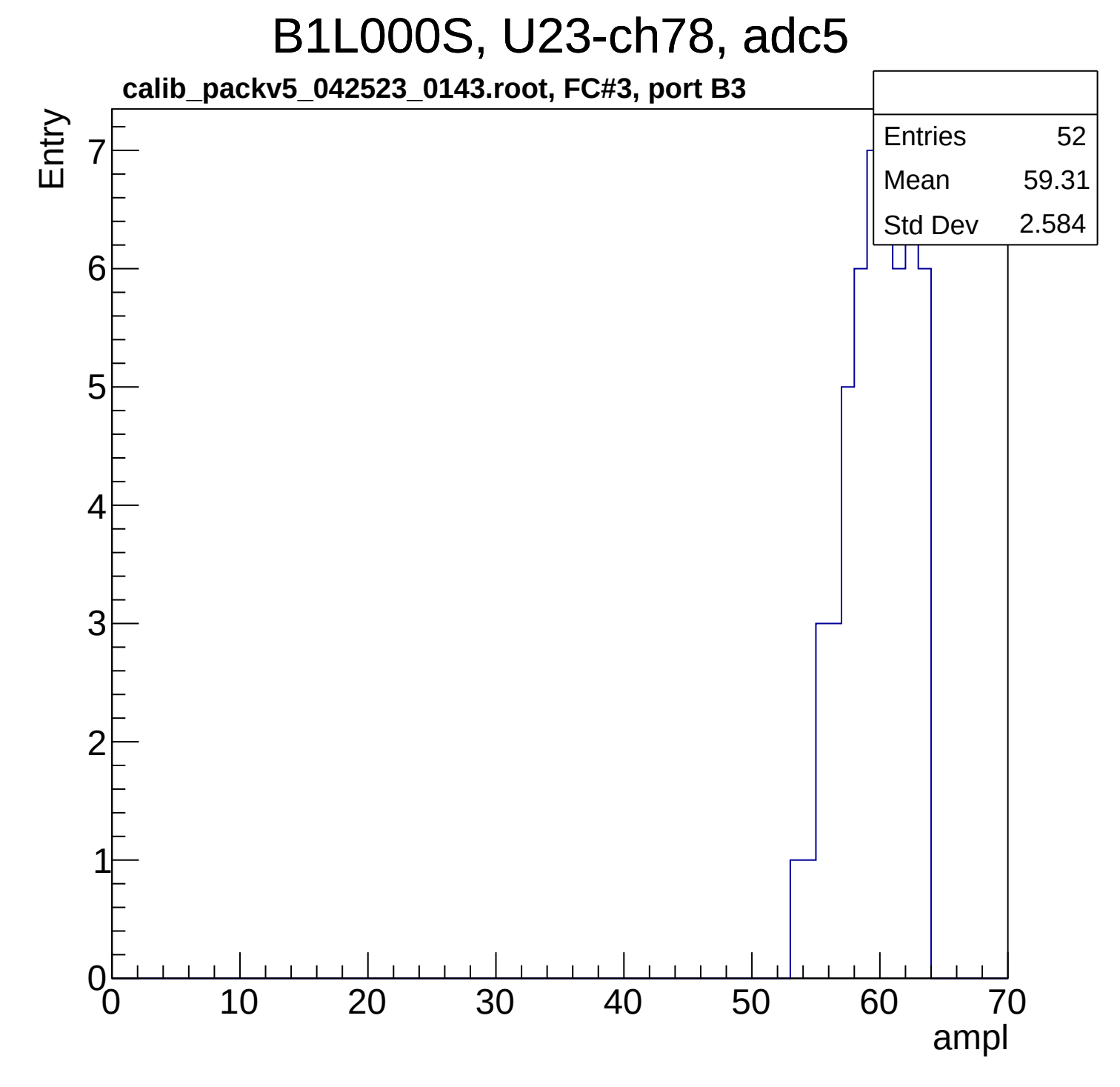
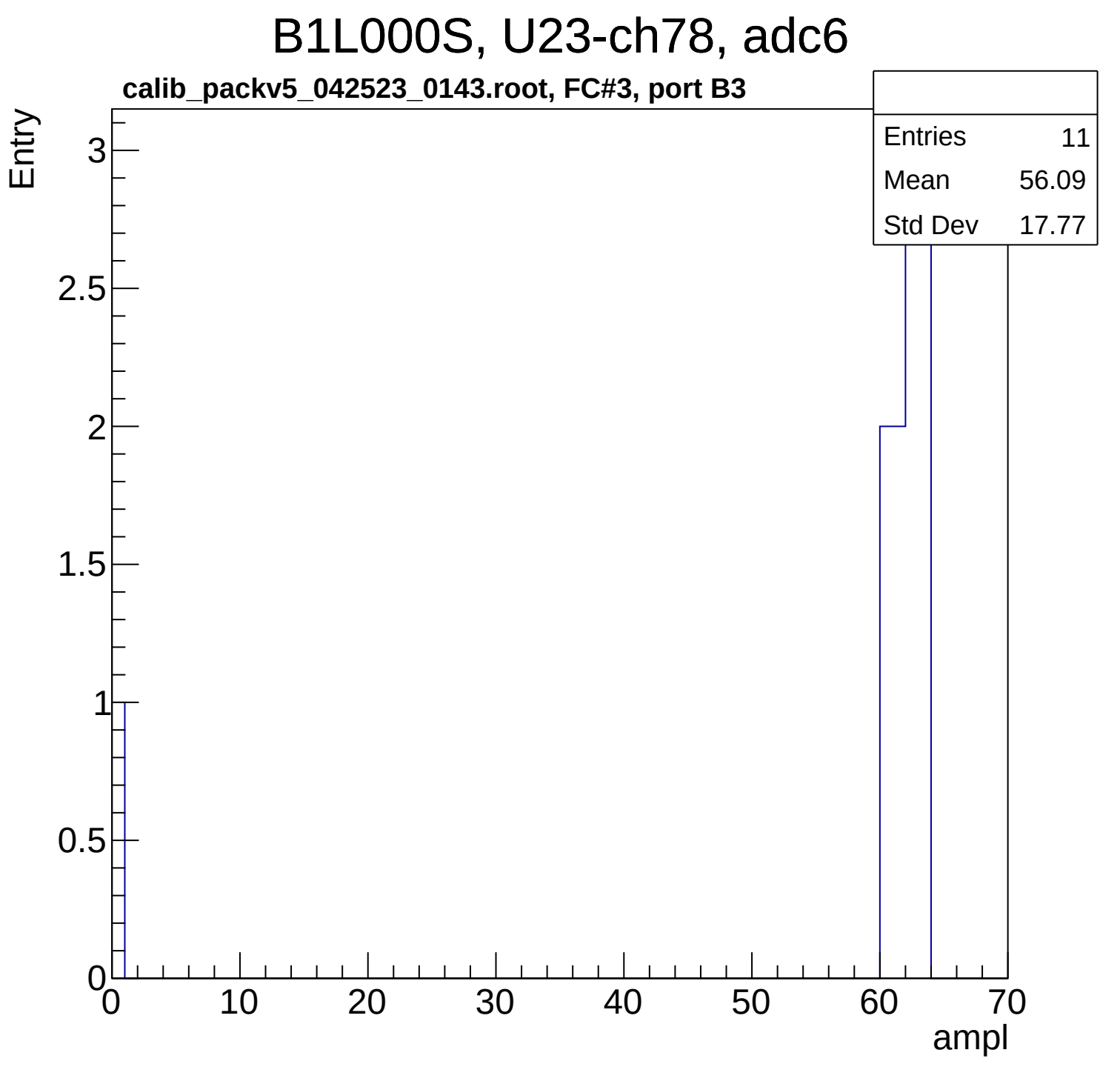
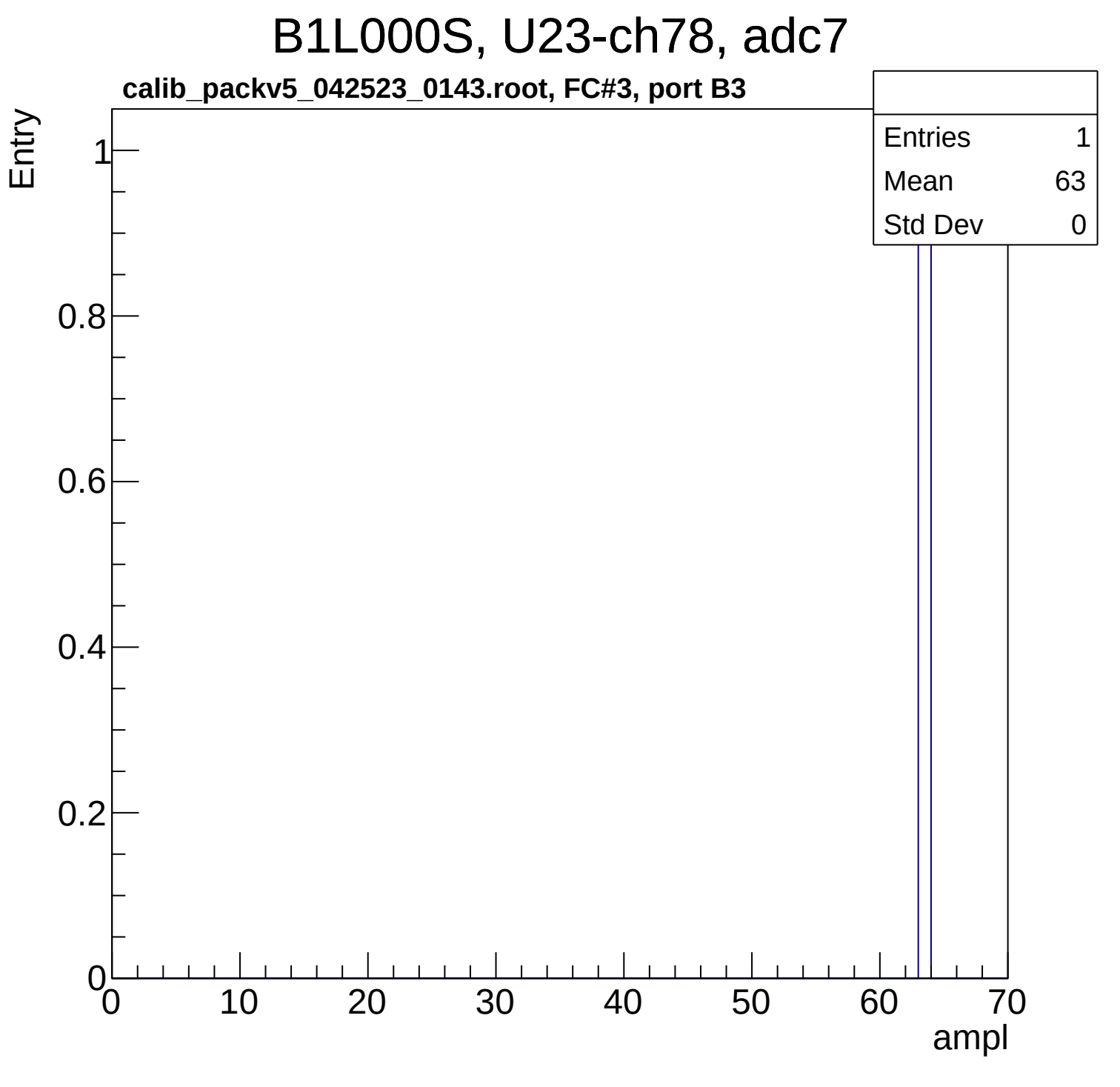

B1L000S, U23-ch78, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.31
Std Dev 2.584
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch78, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.09
Std Dev 17.77
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U23-ch78, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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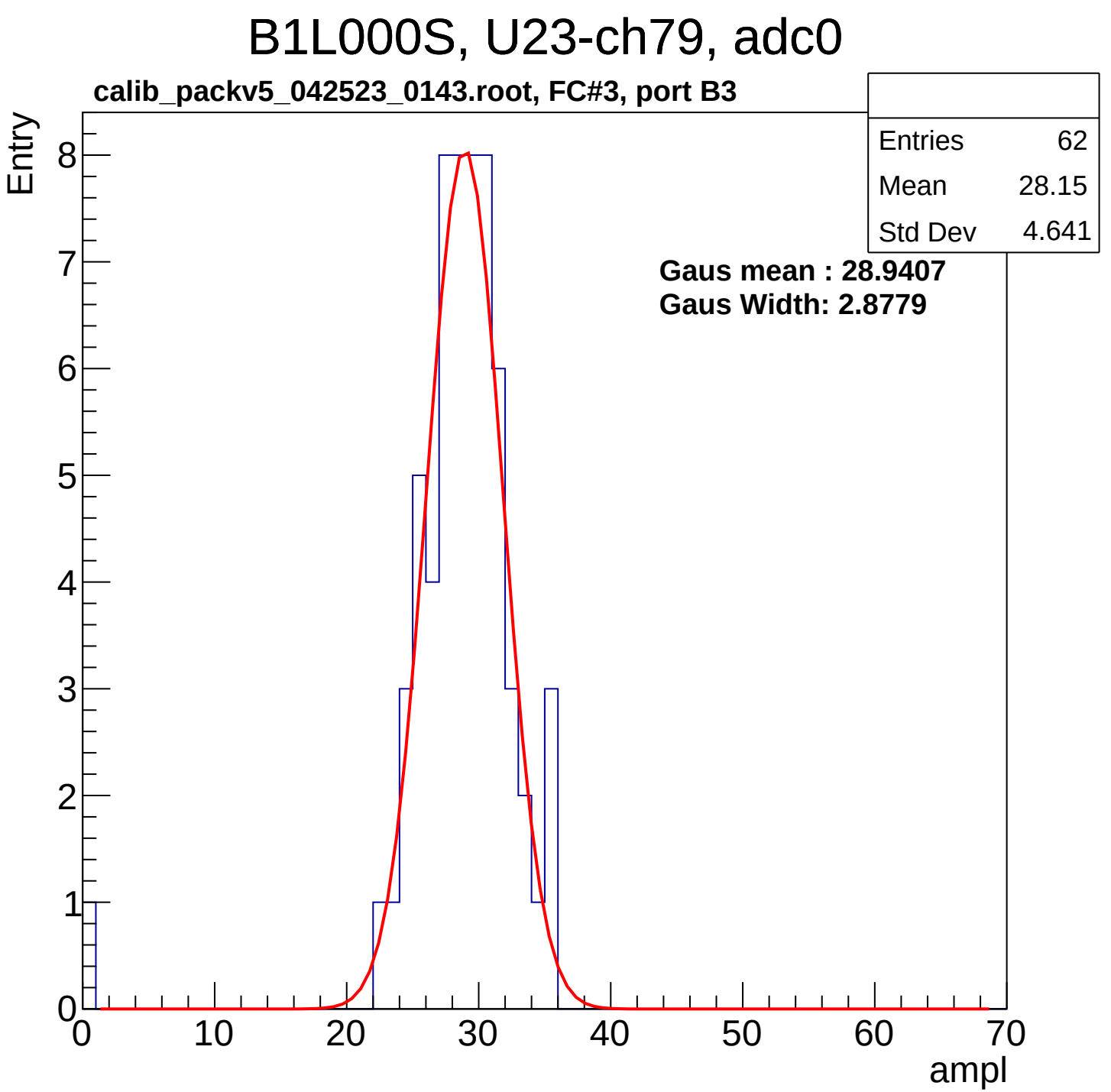
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch79, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 28.15
Std Dev 4.641
Gaus mean : 28.9407
Gaus Width: 2.8779
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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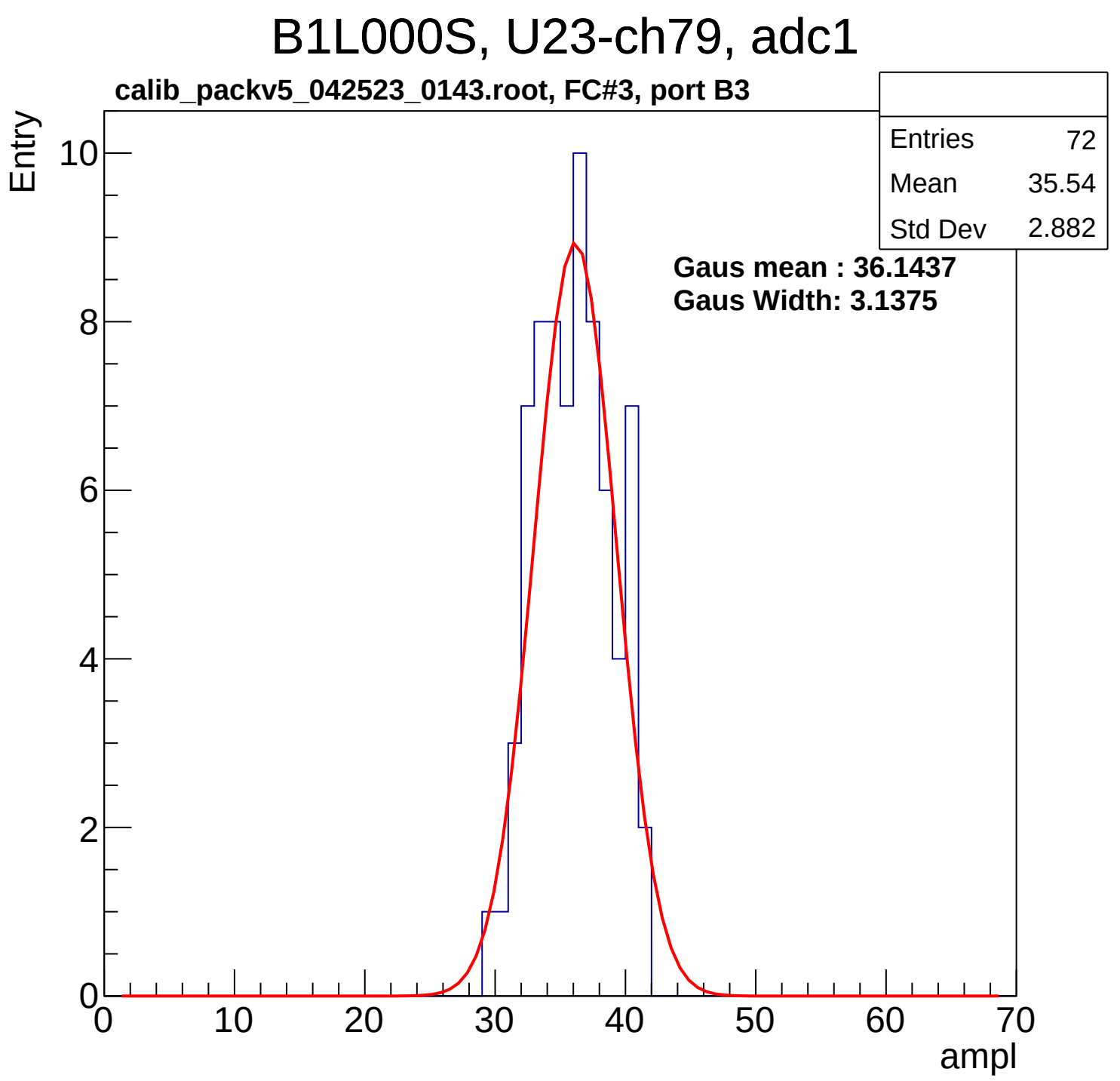
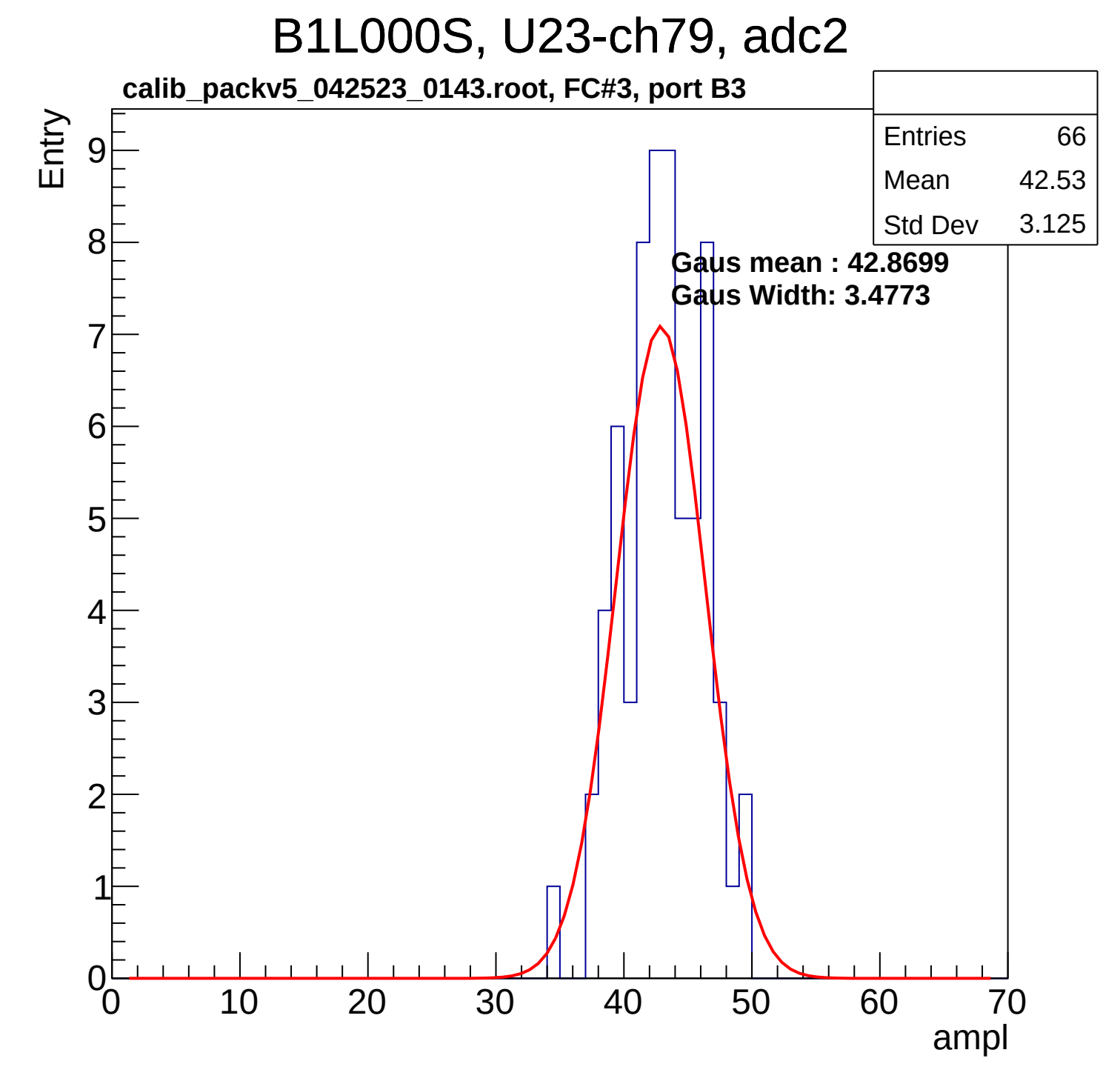
40
50
60
70


B1L000S, U23-ch79, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35.54
Std Dev 2.882
Gaus mean : 36.1437
Gaus Width: 3.1375
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch79, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 42.53
Std Dev 3.125
Gaus mean : 42.8699
Gaus Width: 3.4773
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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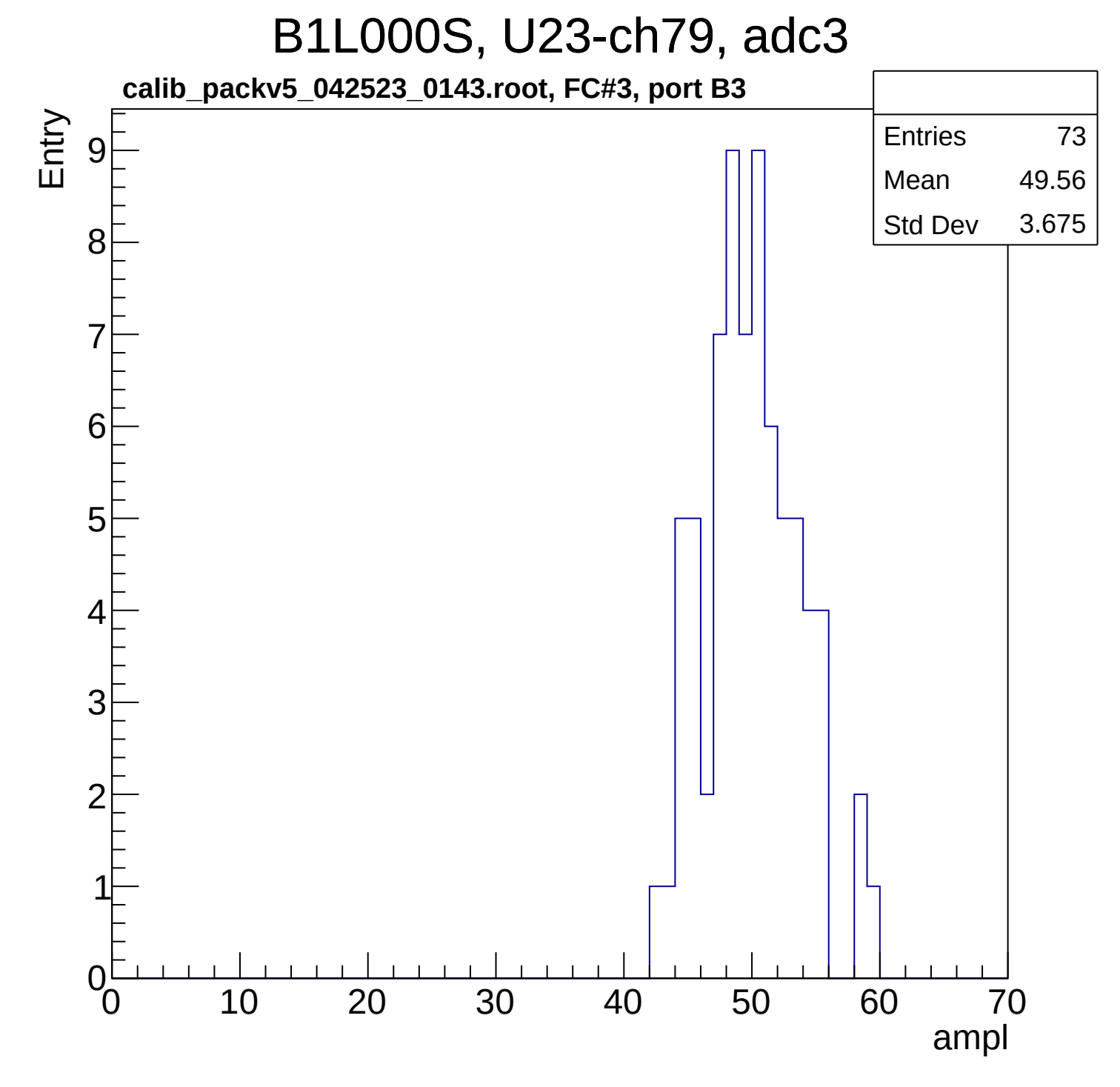
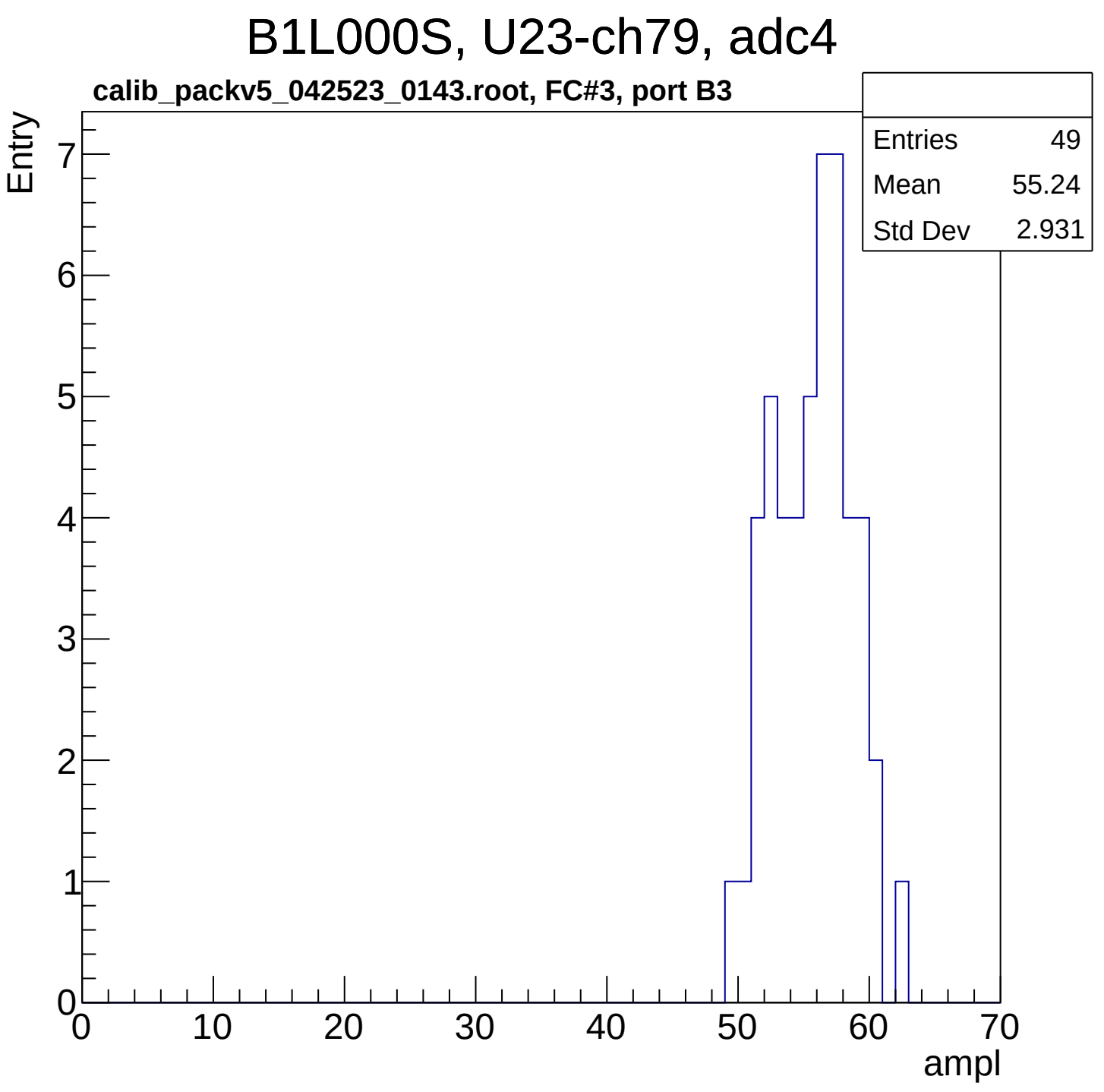
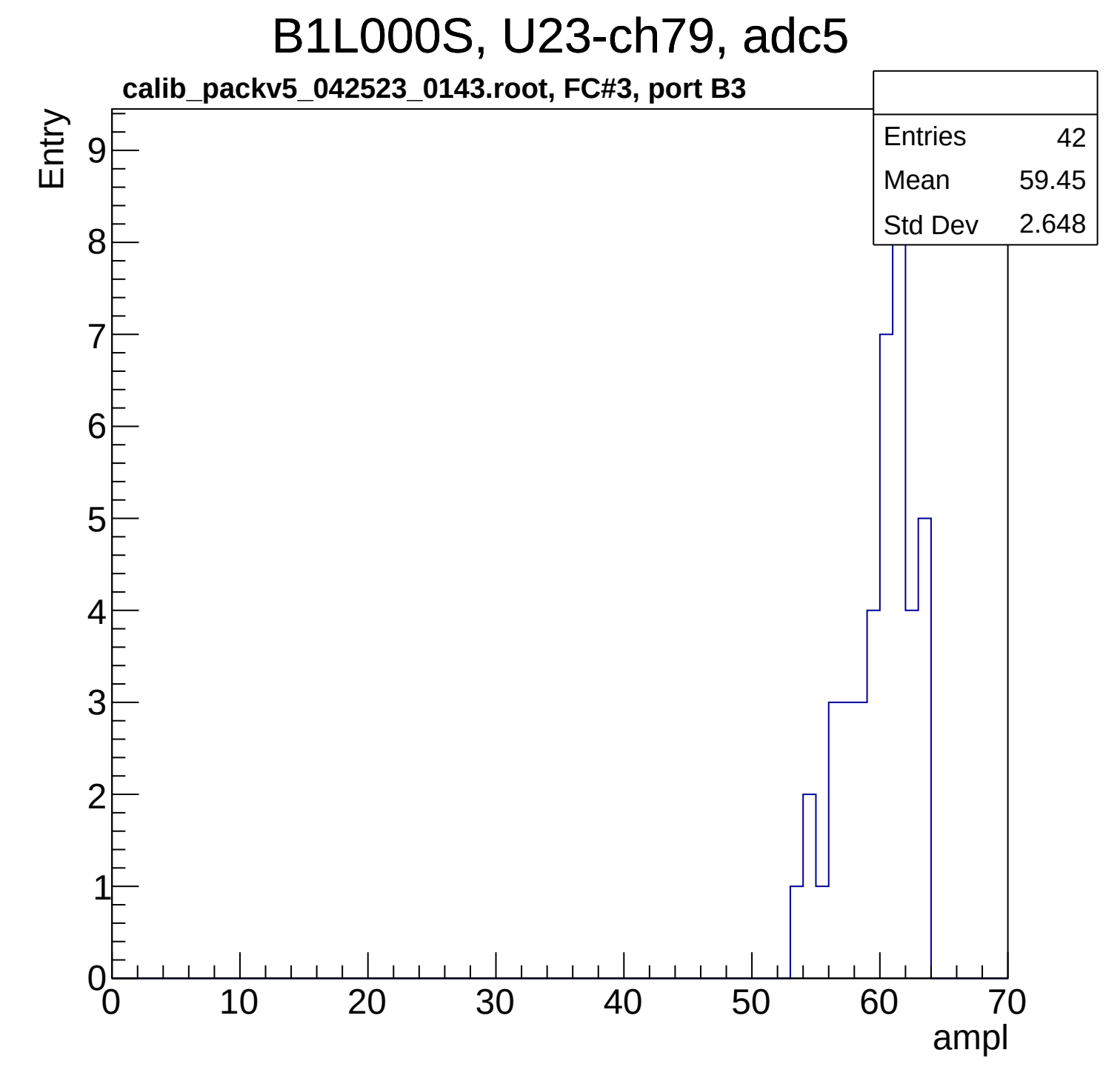

B1L000S, U23-ch79, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 49.56
Std Dev 3.675
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch79, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 55.24
Std Dev 2.931
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch79, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 59.45
Std Dev 2.648
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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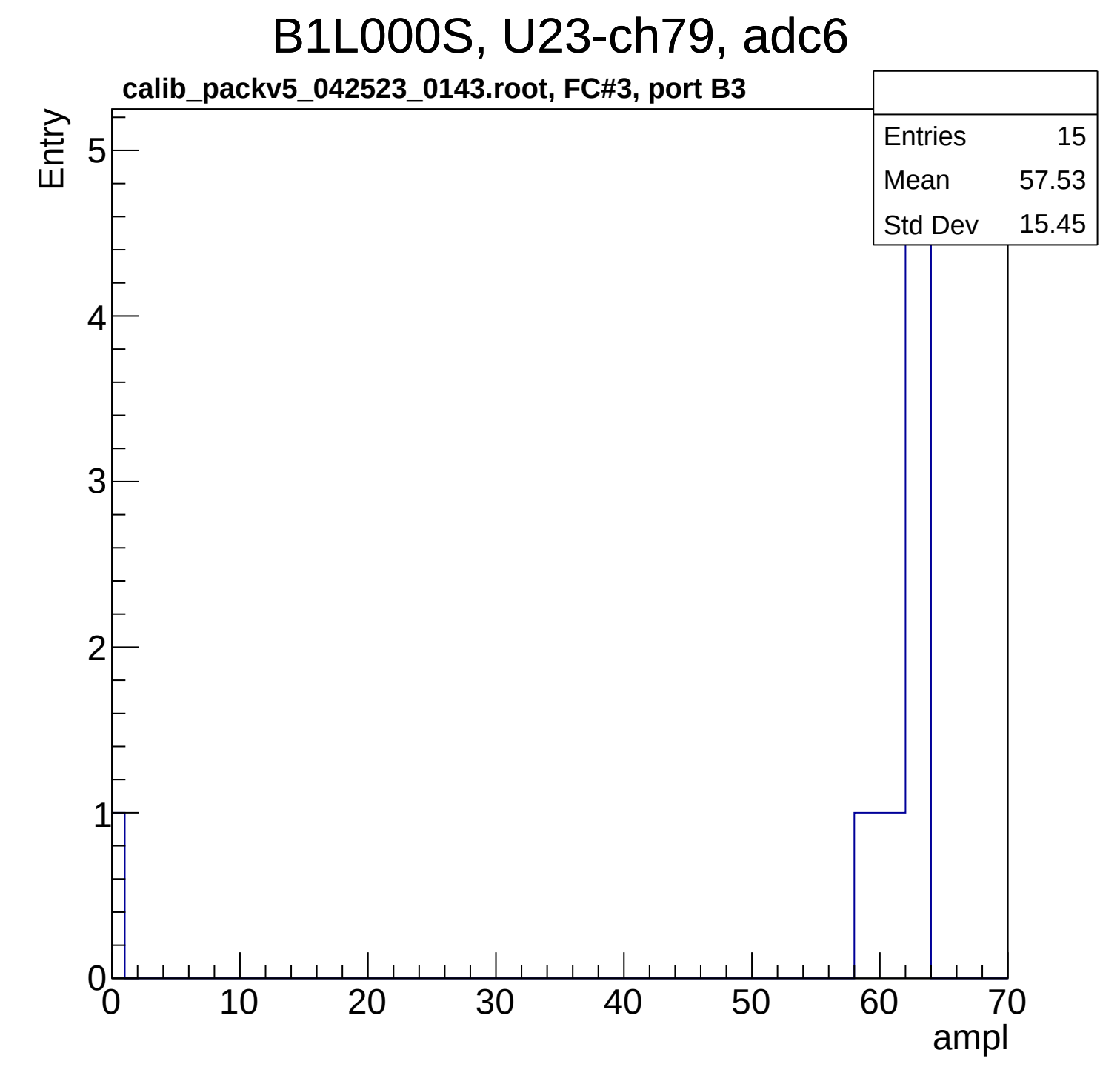
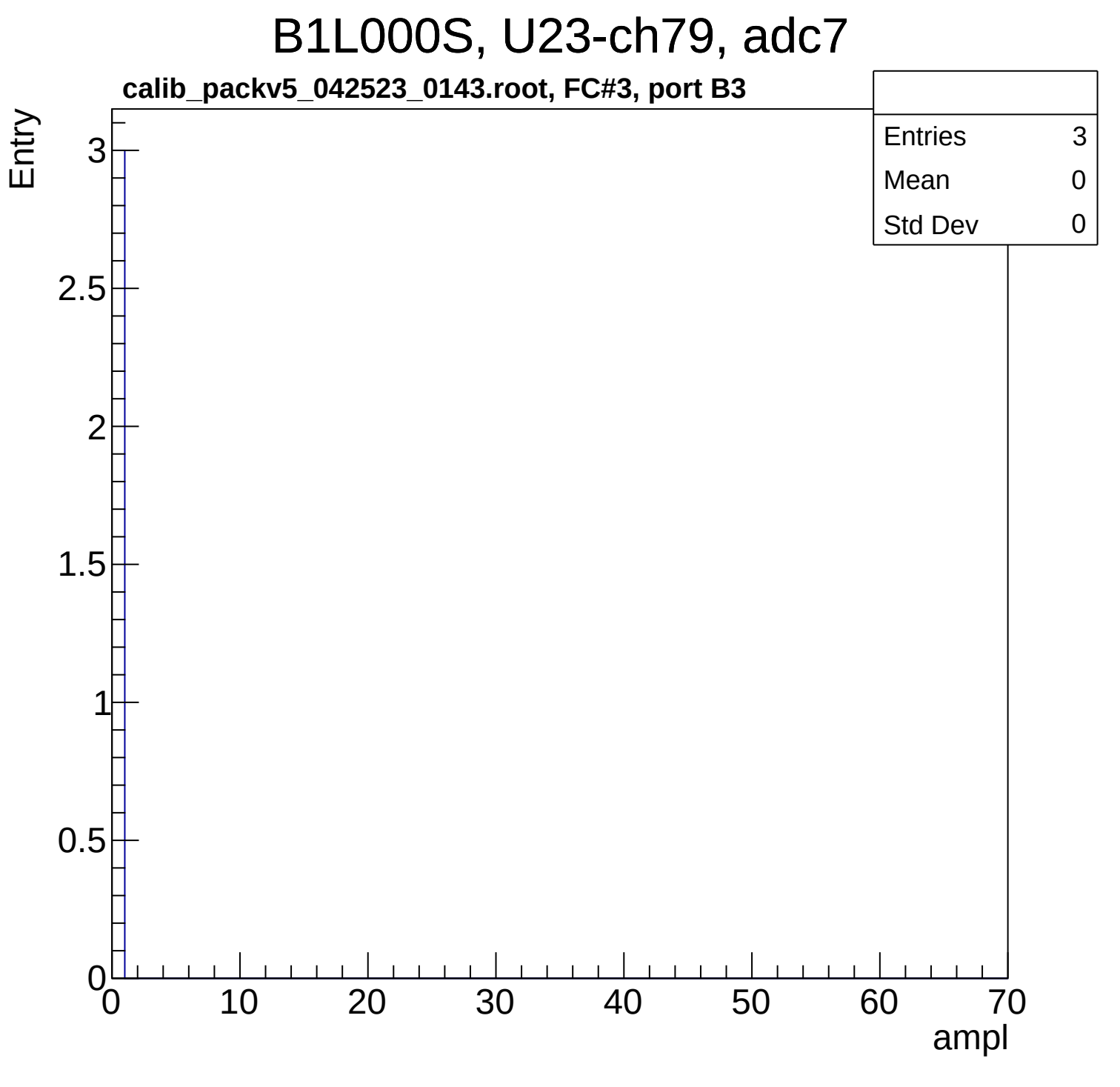
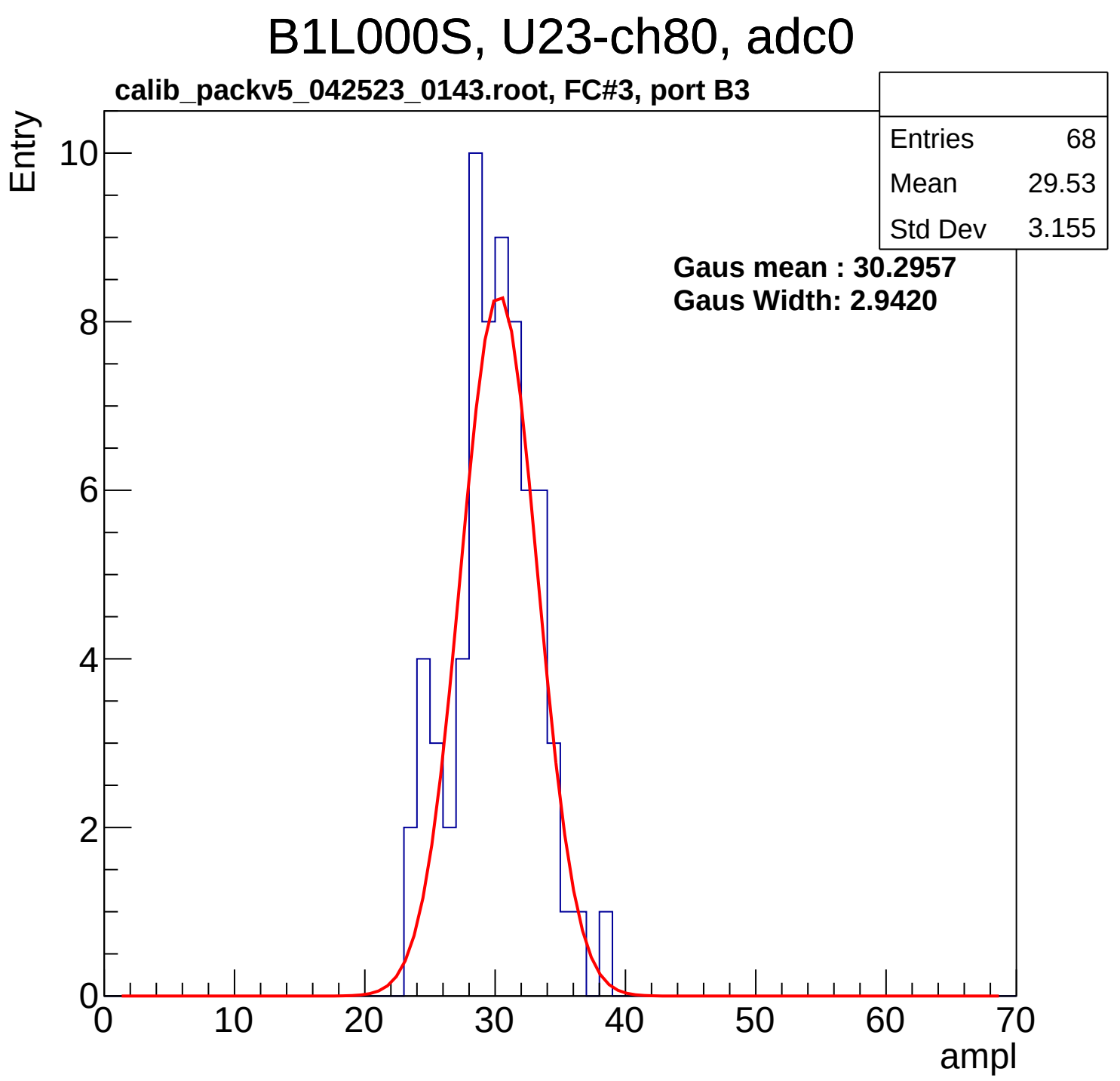
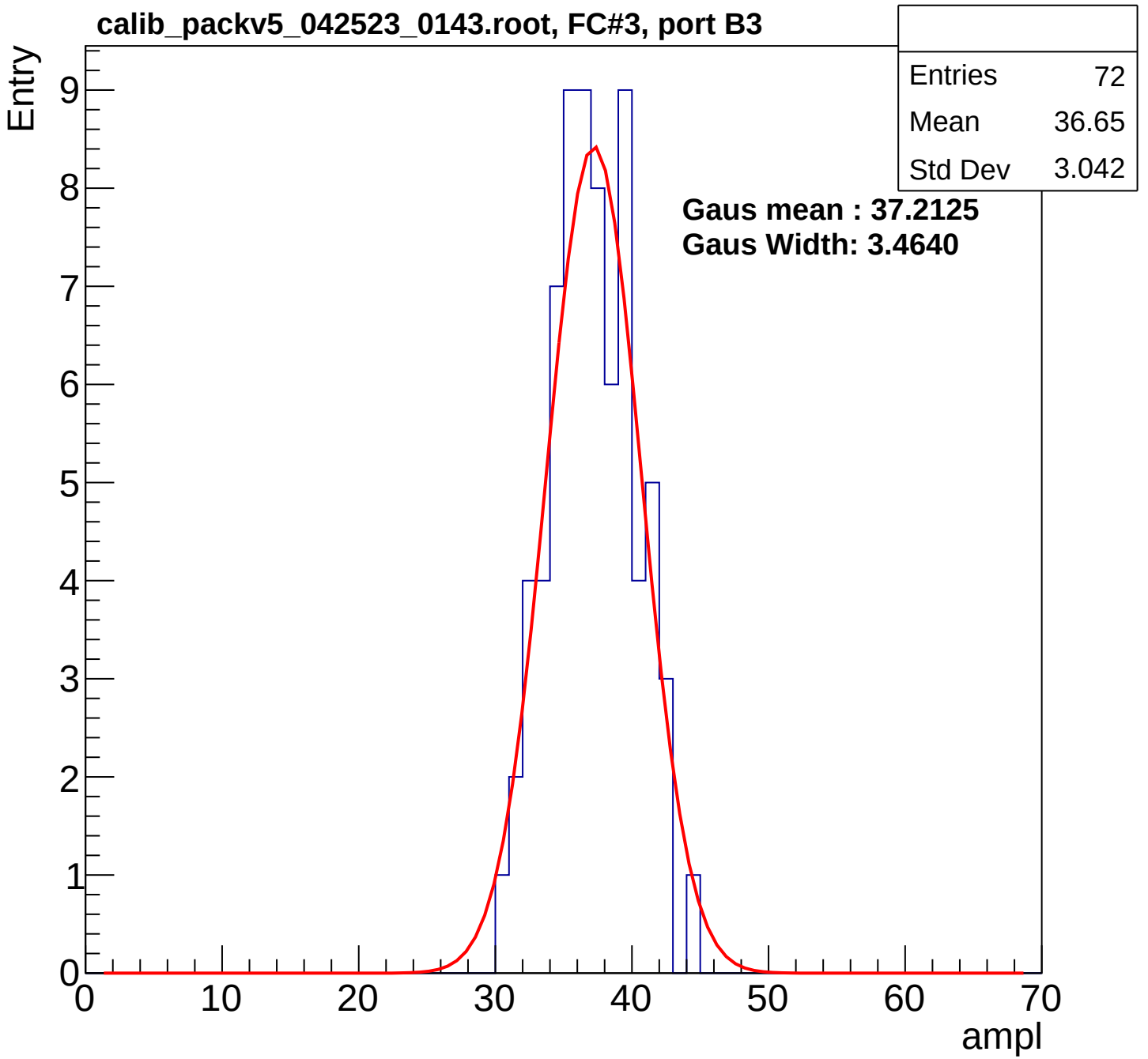
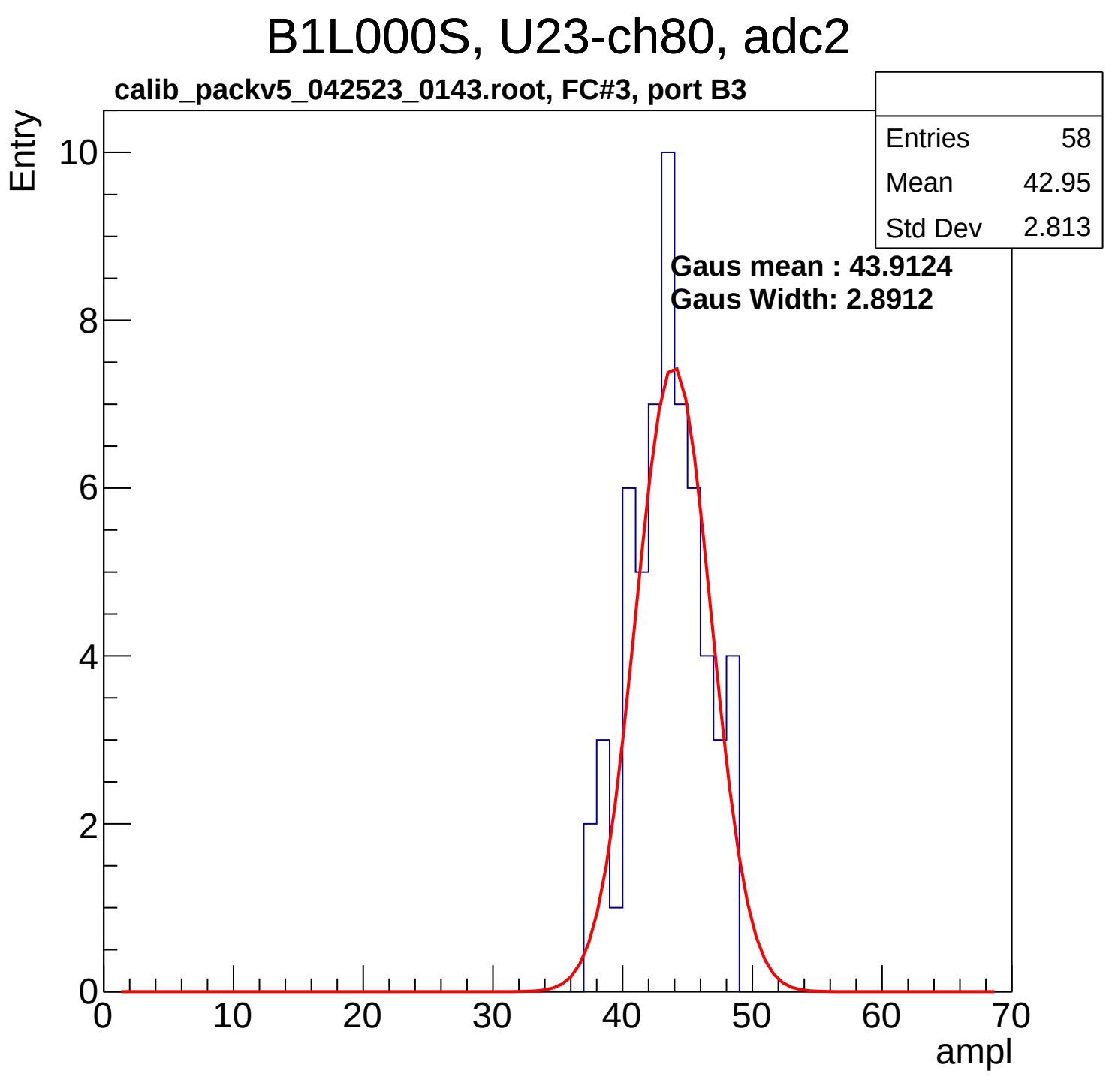
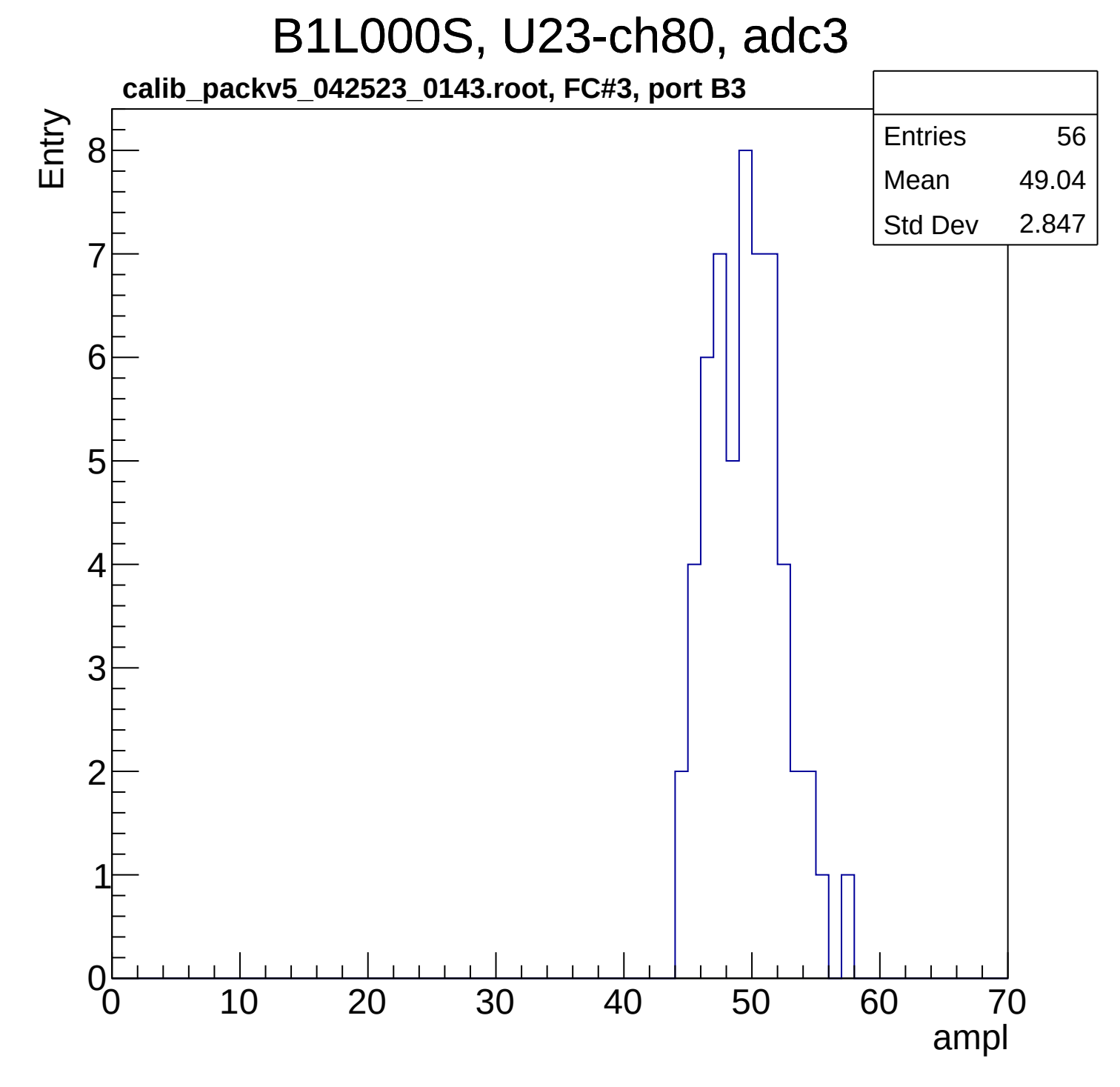

B1L000S, U23-ch79, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.53
Std Dev 15.45
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch79, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch80, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.53
Std Dev 3.155
Gaus mean : 30.2957
Gaus Width: 2.9420
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch80, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 36.65
Std Dev 3.042
Gaus mean : 37.2125
Gaus Width: 3.4640
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch80, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.95
Std Dev 2.813
Gaus mean : 43.9124
Gaus Width: 2.8912
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch80, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 49.04
Std Dev 2.847
Entry
ampl
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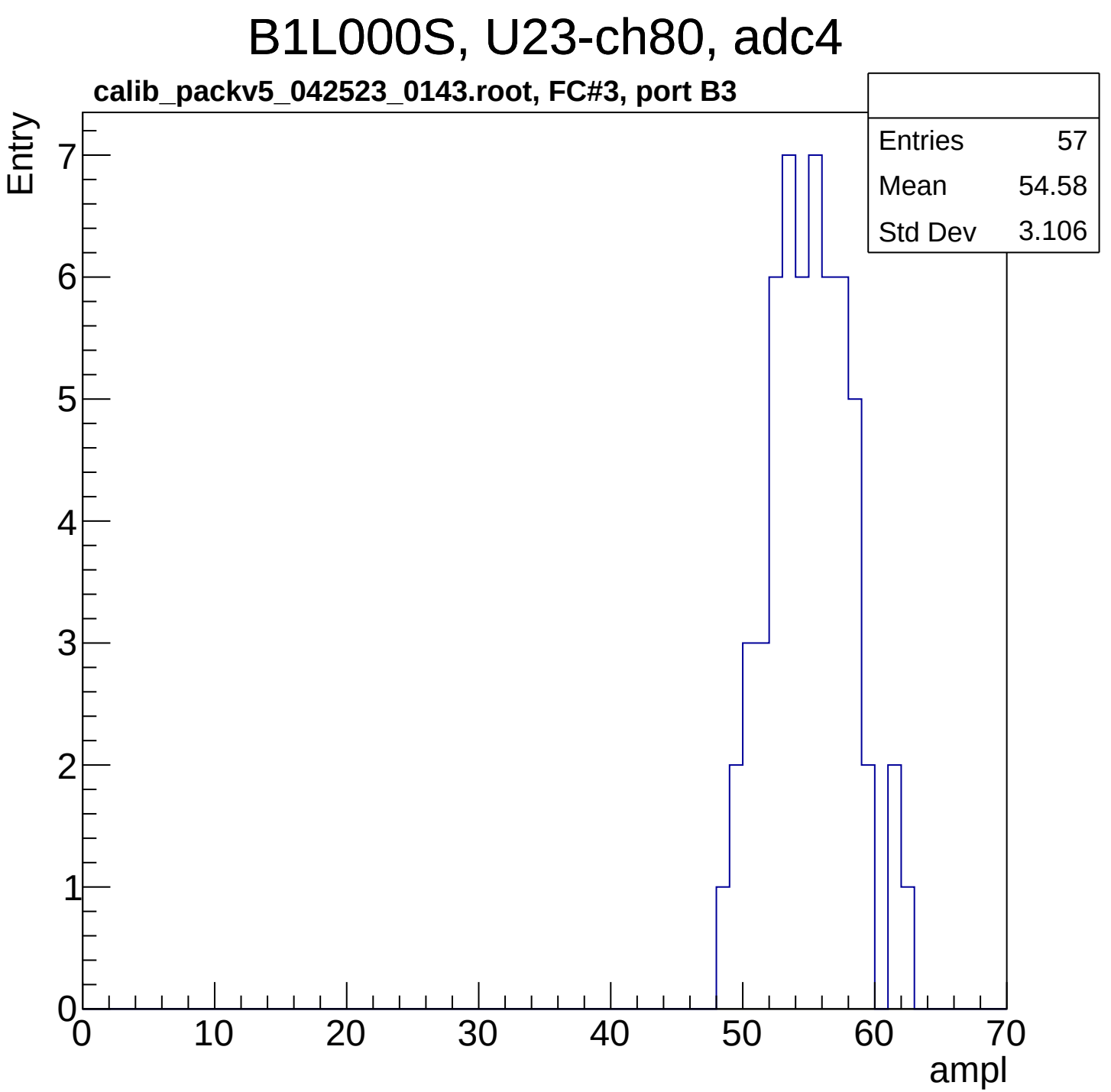
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch80, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 54.58
Std Dev 3.106
Entry
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3
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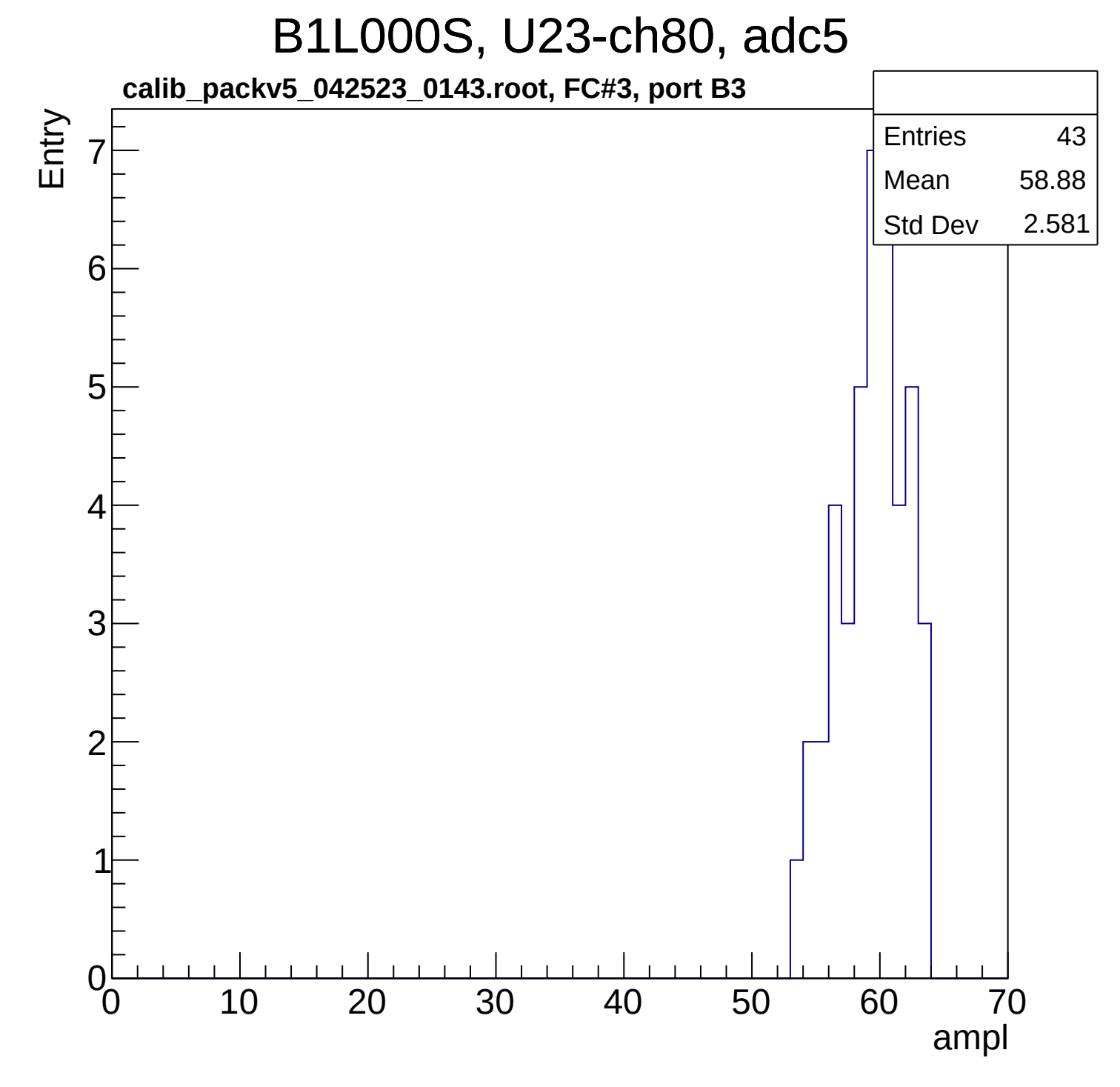
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch80, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.88
Std Dev 2.581
Entry
ampl
0
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2
3
4
5
6
7
0
10
20
30
40
50
60
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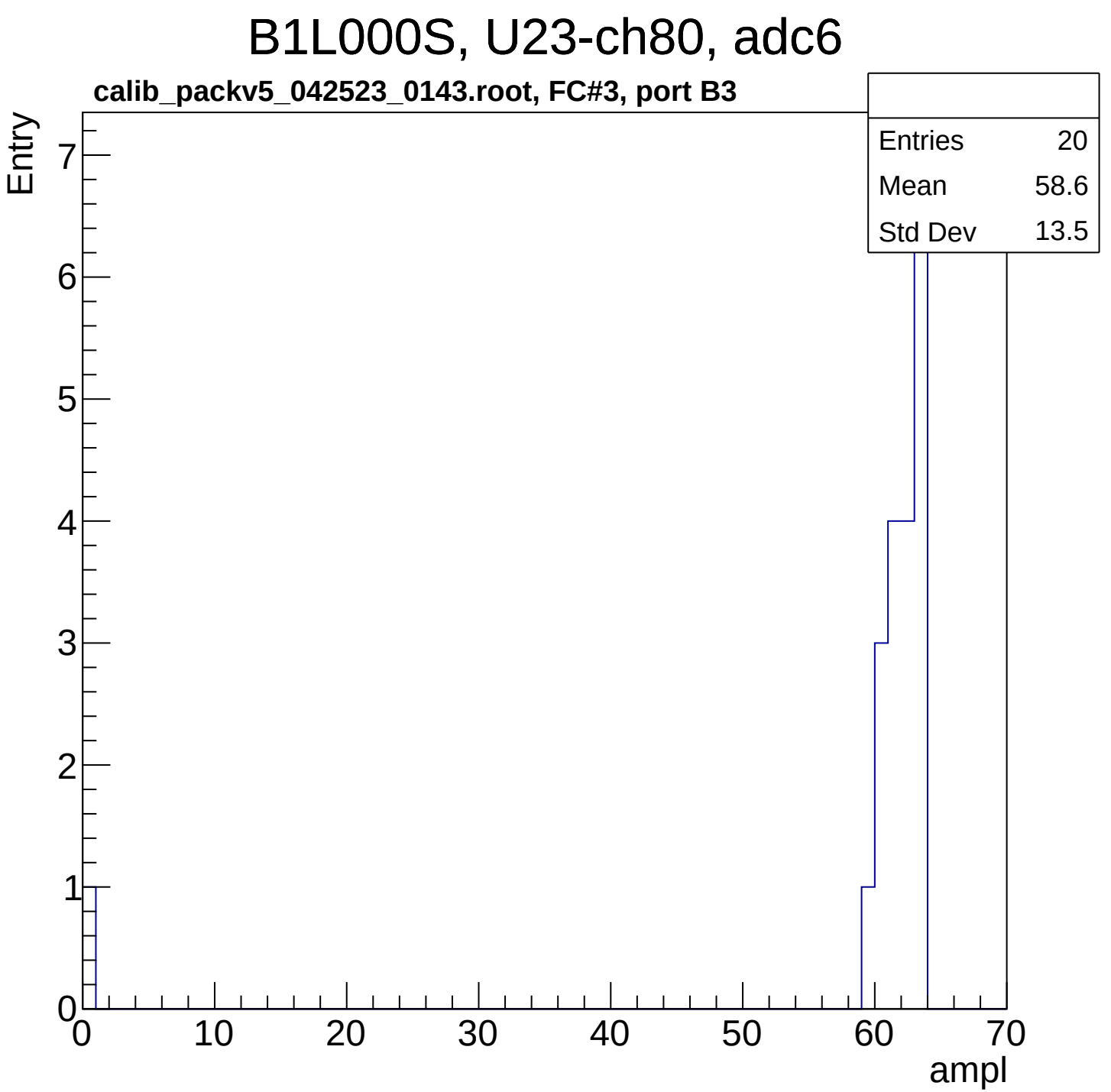
B1L000S, U23-ch80, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.6
Std Dev 13.5
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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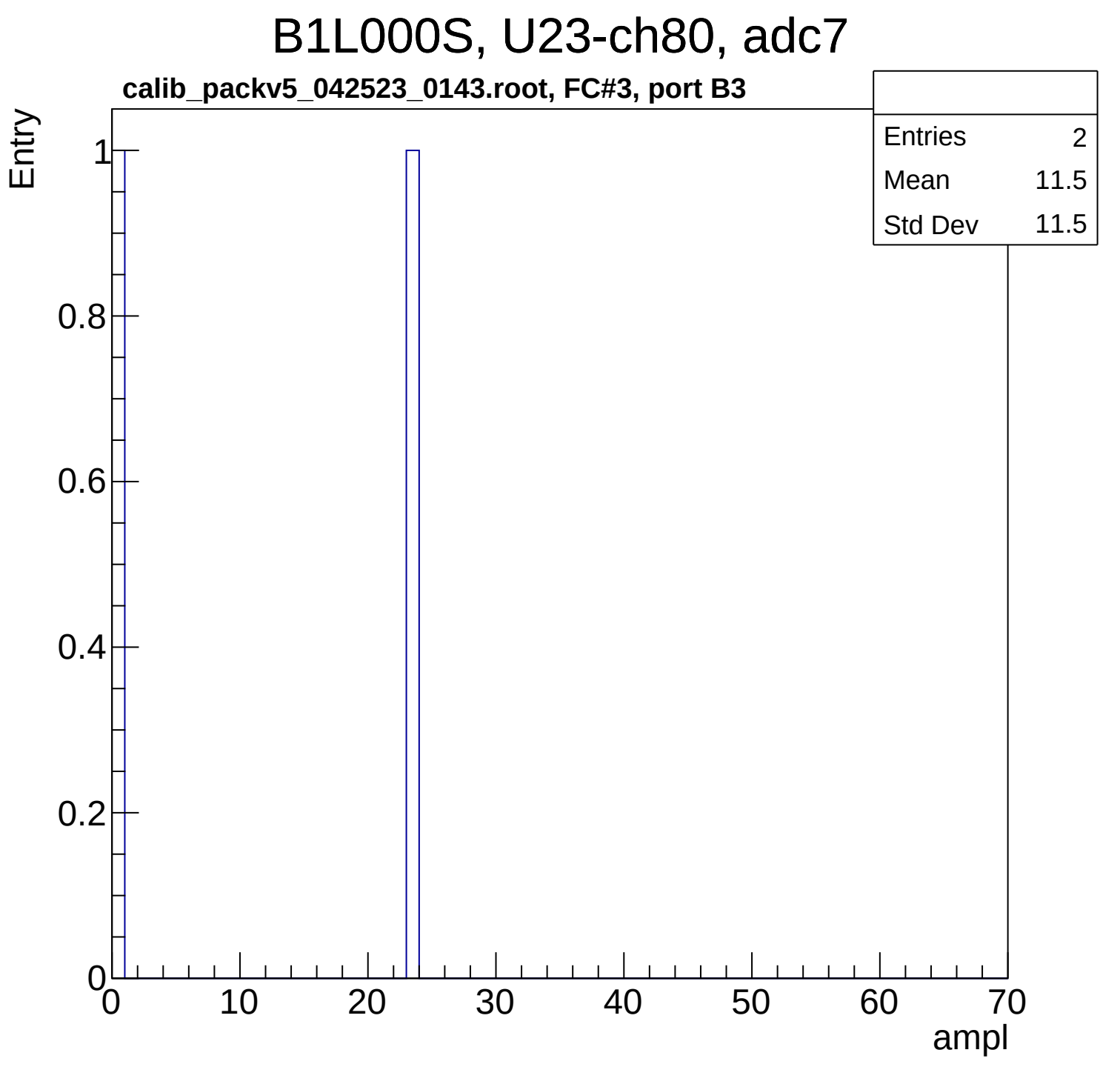
B1L000S, U23-ch80, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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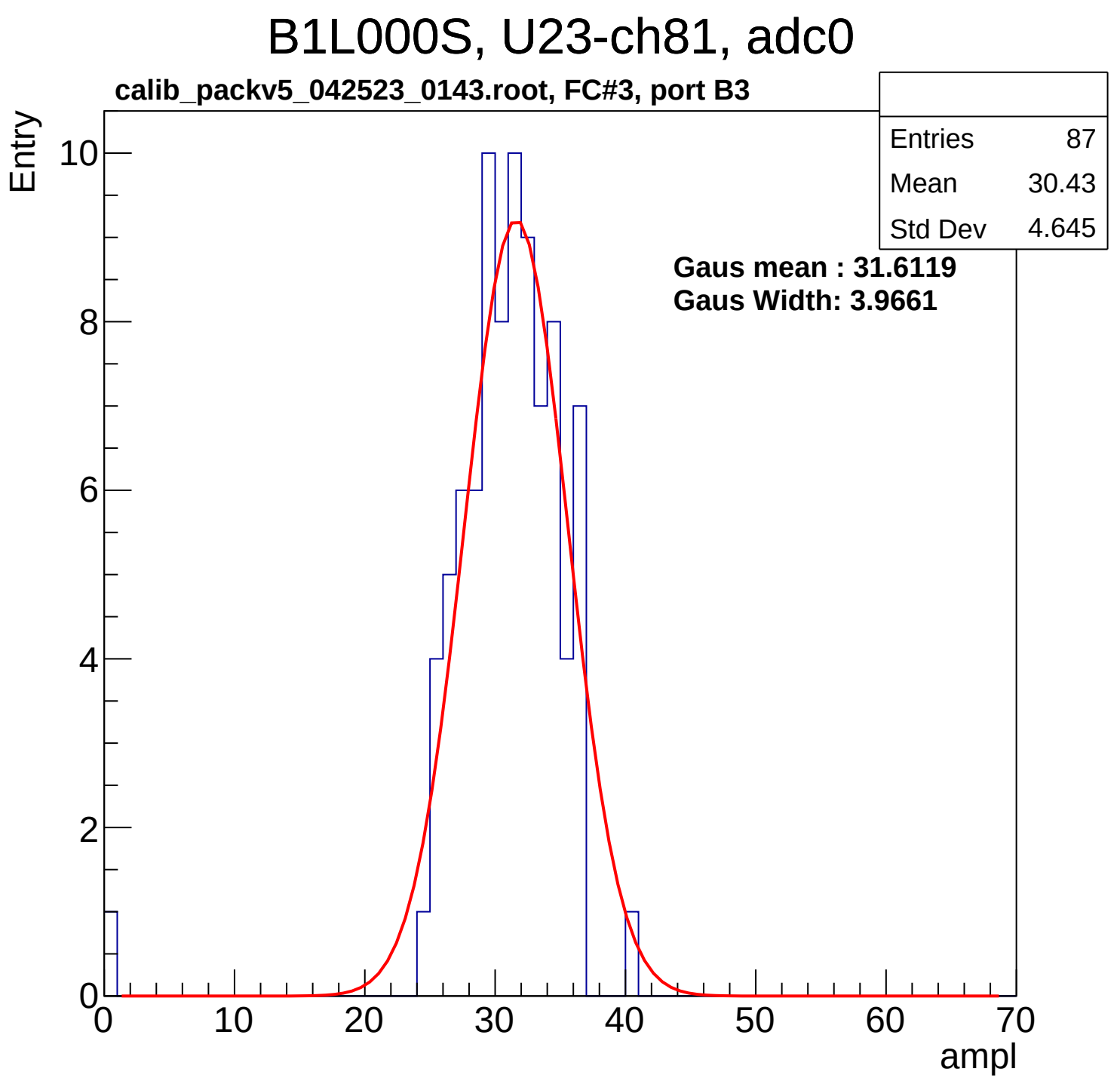
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch81, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 87
Mean 30.43
Std Dev 4.645
Gaus mean : 31.6119
Gaus Width: 3.9661
Entry
ampl
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6
8
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0
10
20
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40
50
60
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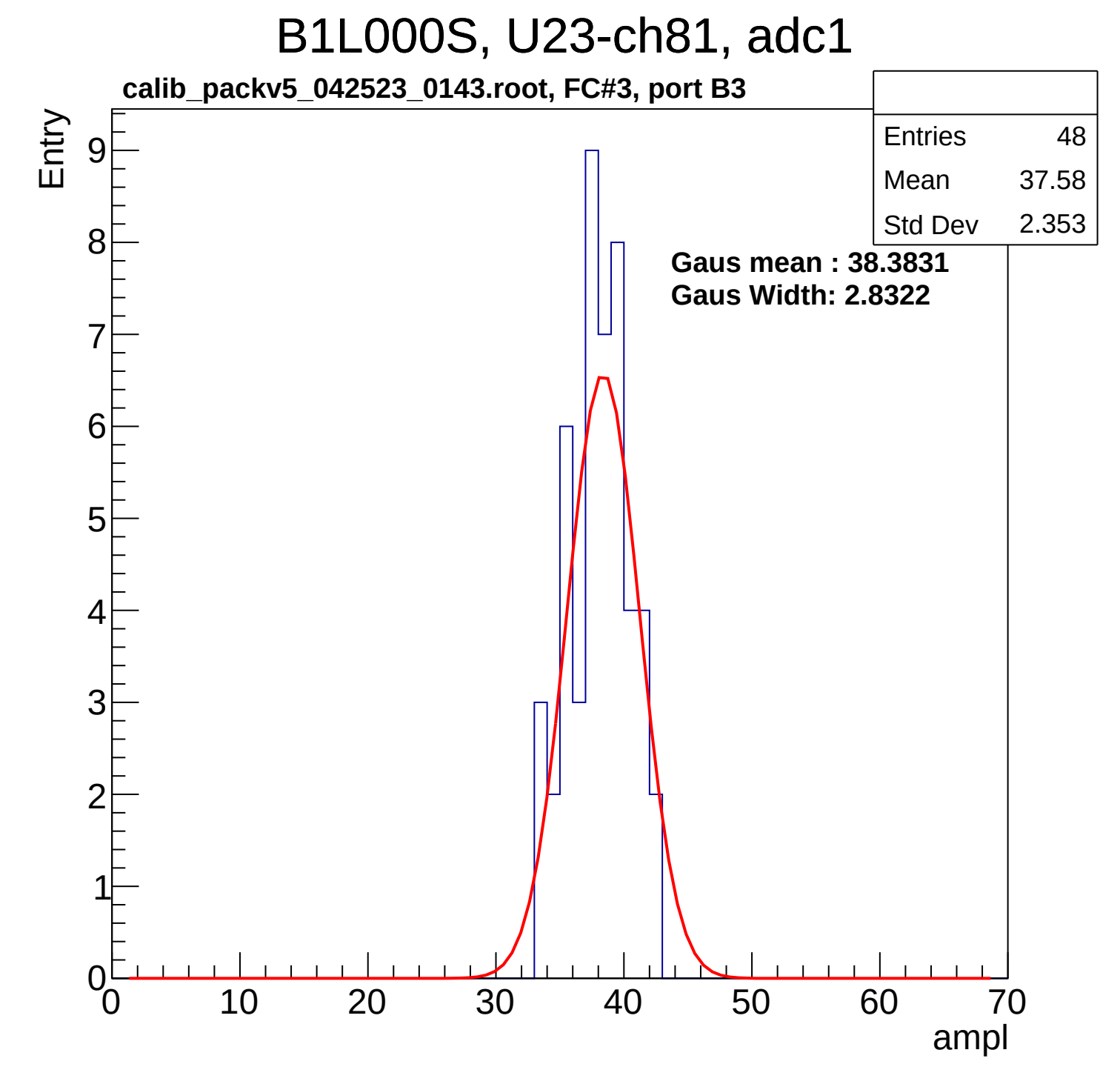
B1L000S, U23-ch81, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 37.58
Std Dev 2.353
Gaus mean : 38.3831
Gaus Width: 2.8322
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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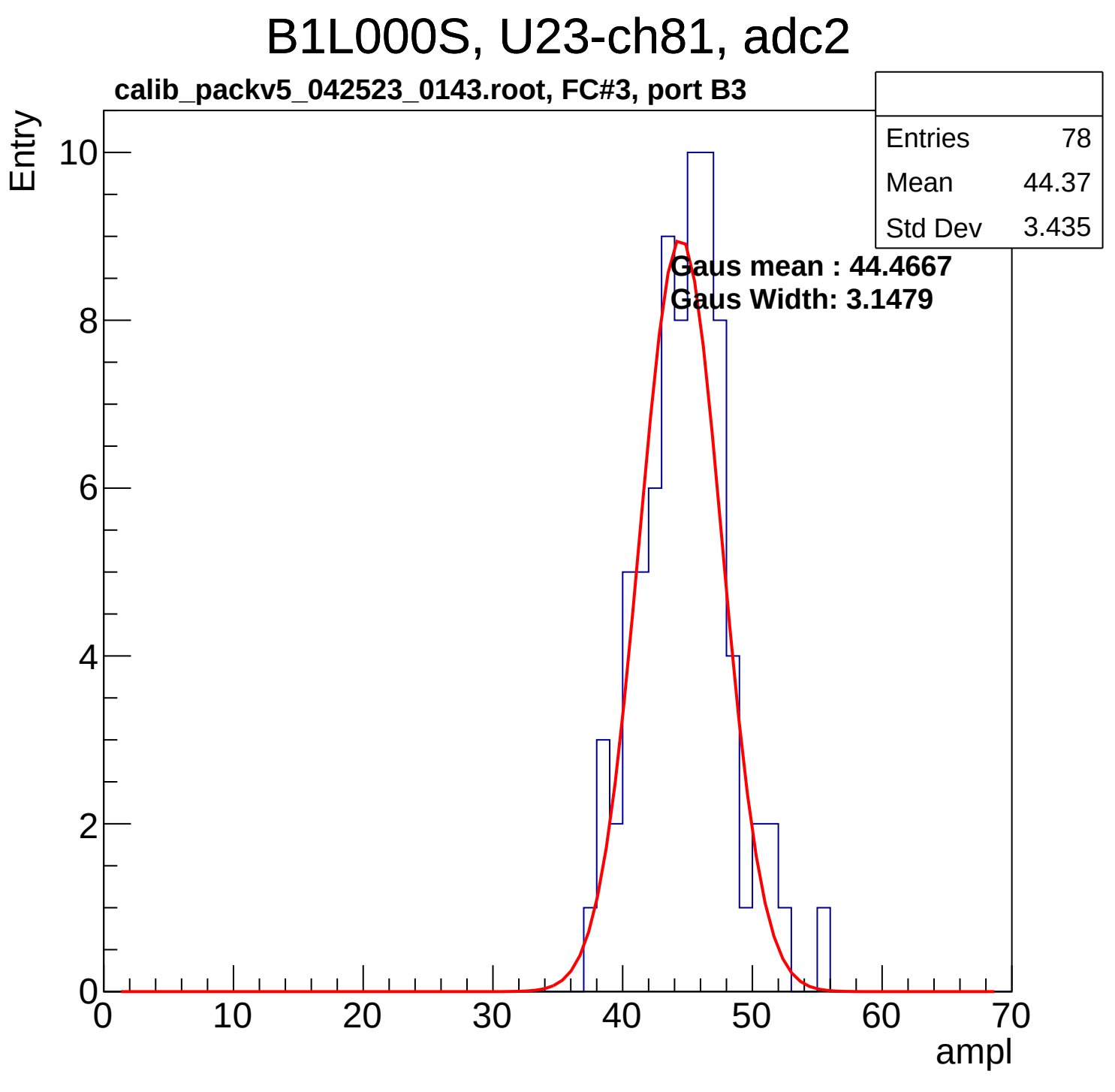
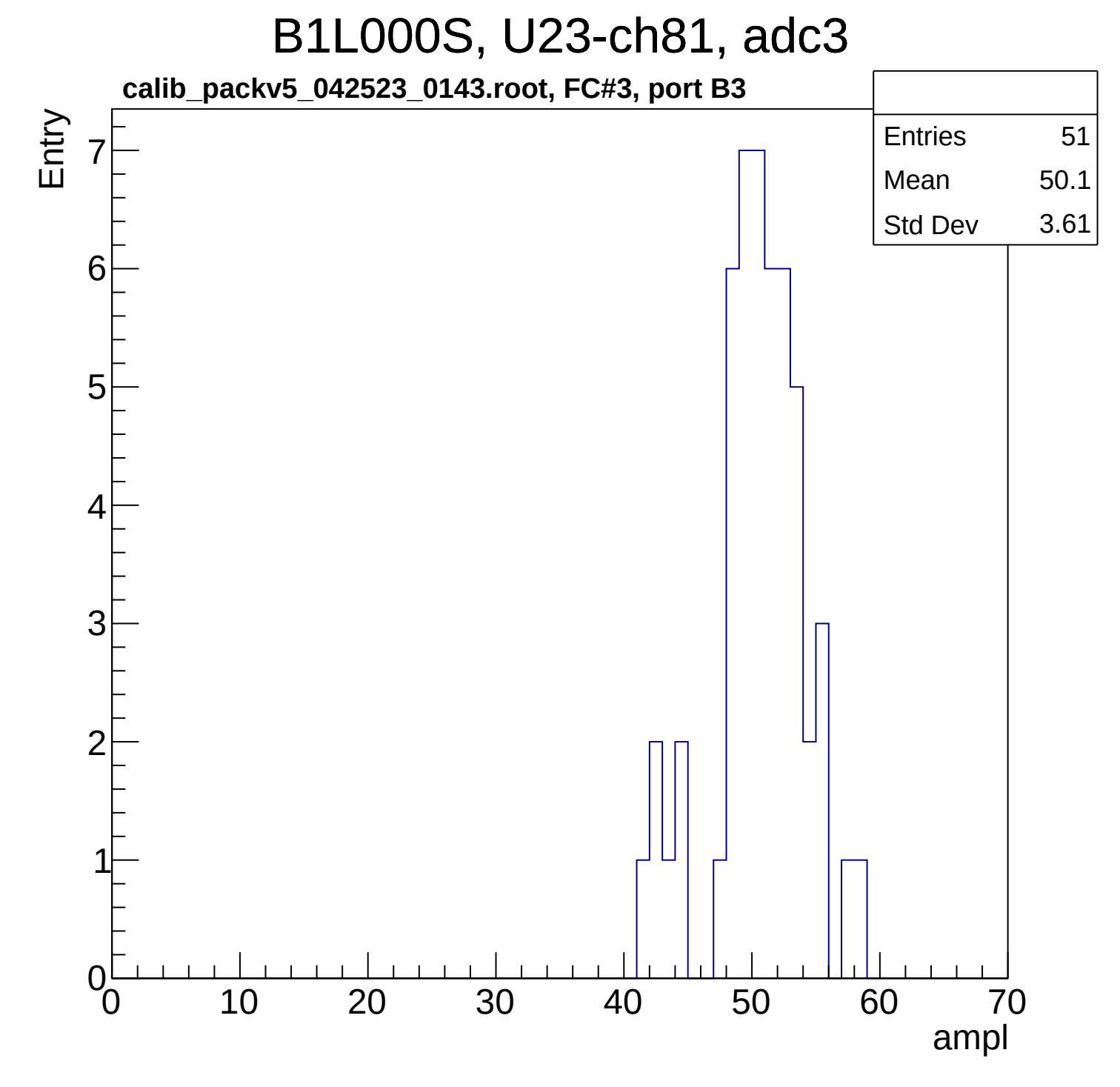

B1L000S, U23-ch81, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 44.37
Std Dev 3.435
Gaus mean : 44.4667
Gaus Width: 3.1479
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch81, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 50.1
Std Dev 3.61
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
50
60
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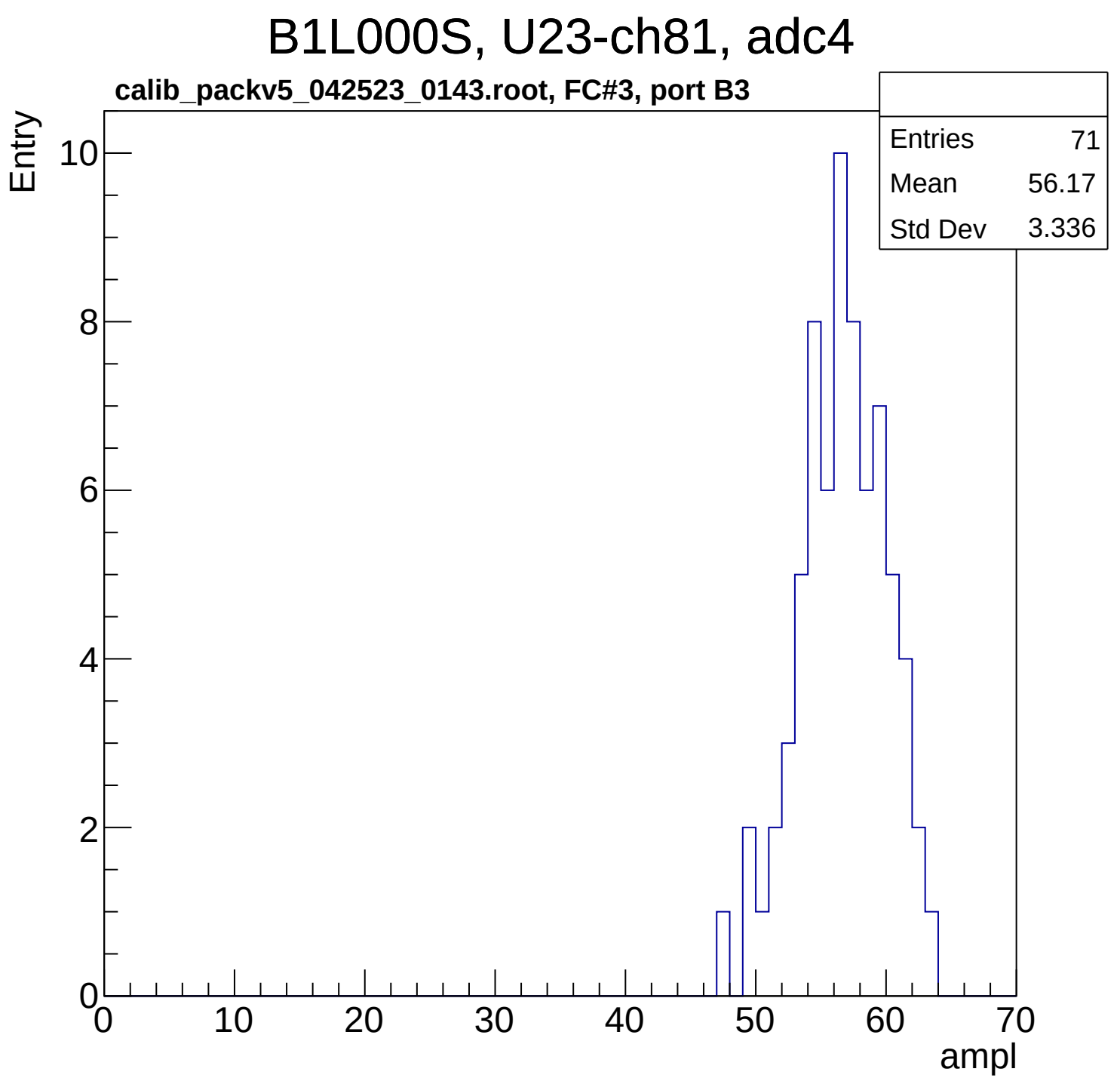
B1L000S, U23-ch81, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 56.17
Std Dev 3.336
Entry
ampl
0
2
4
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0
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60
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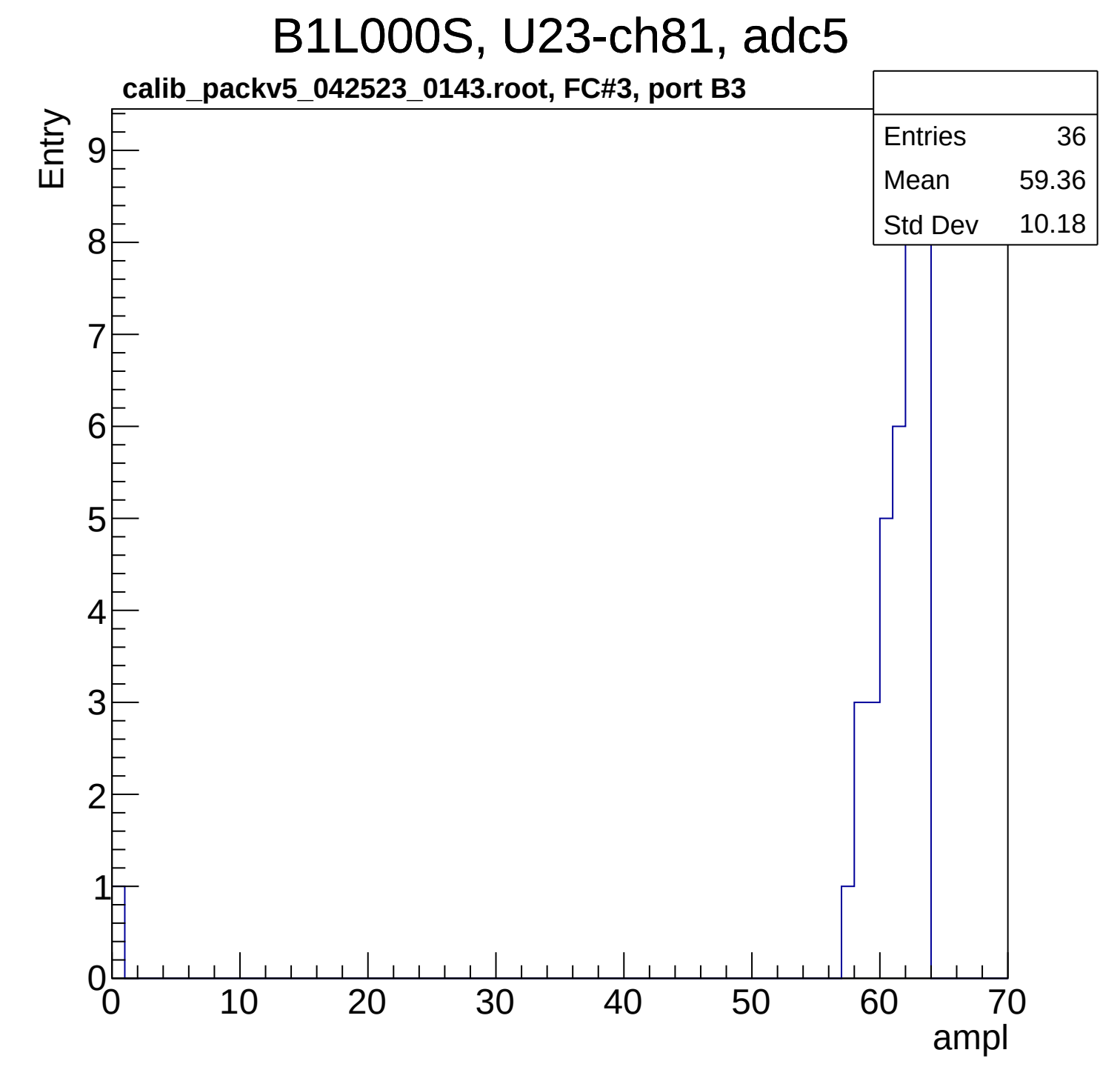
B1L000S, U23-ch81, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 36
Mean 59.36
Std Dev 10.18
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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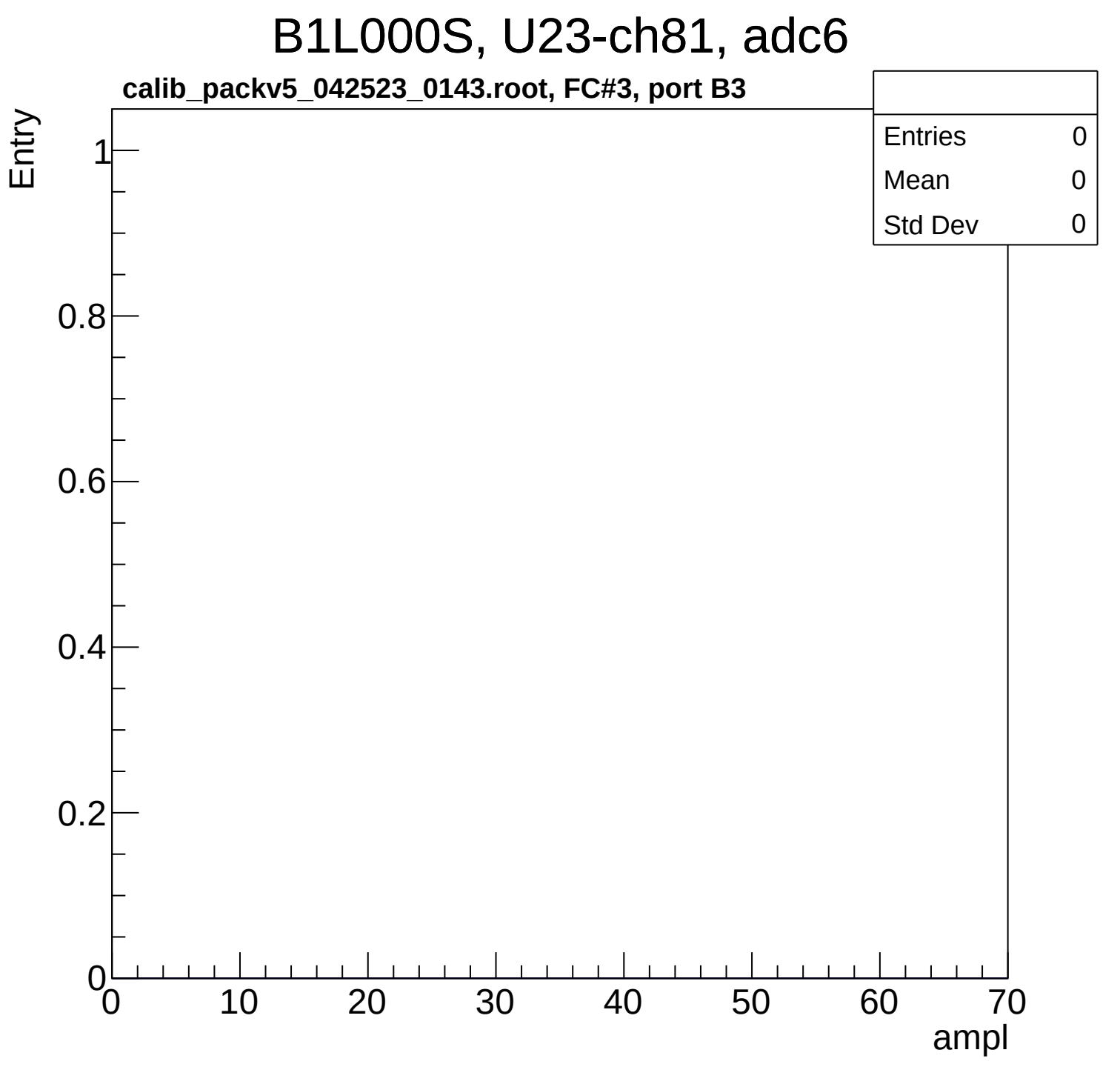
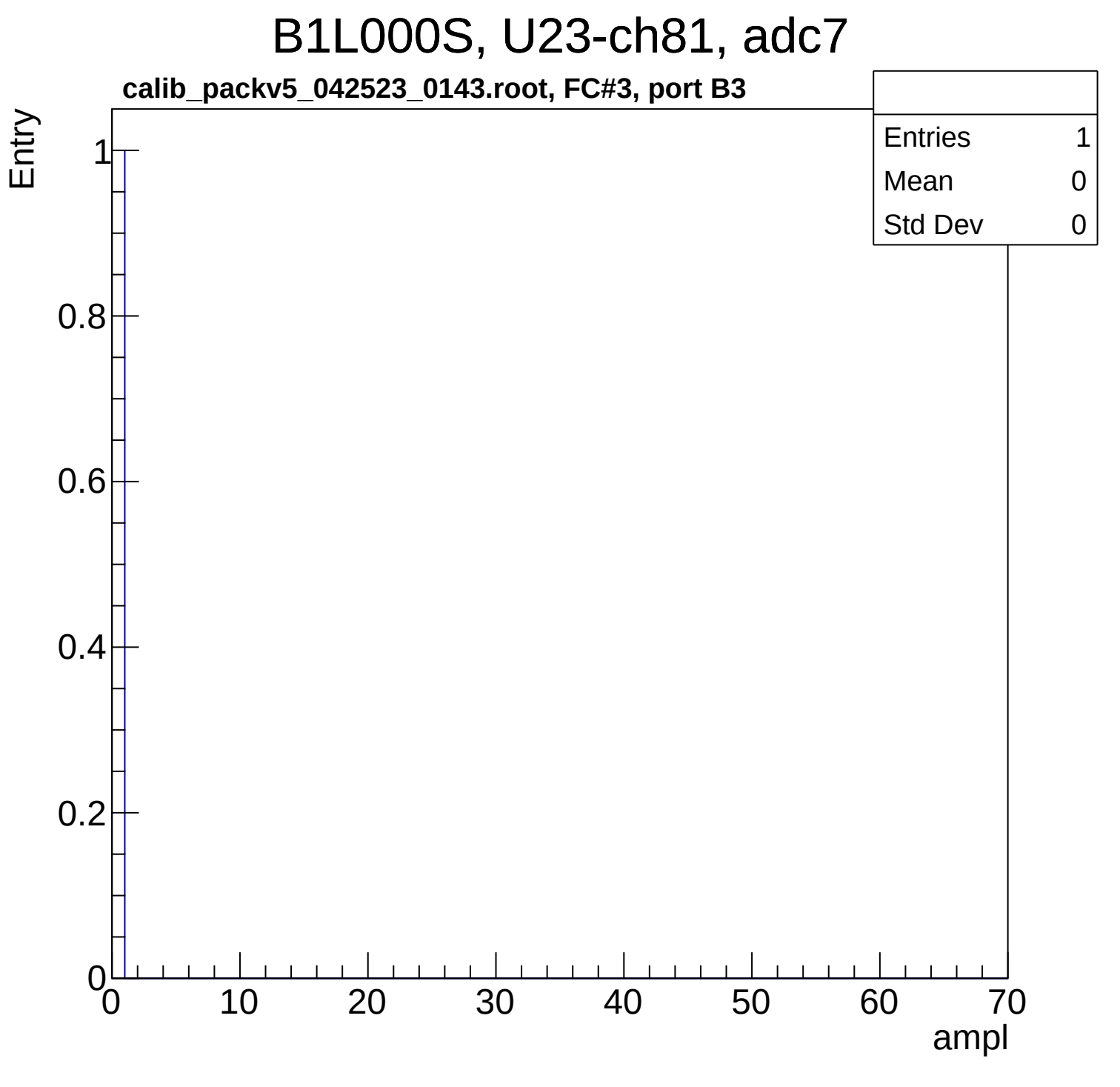
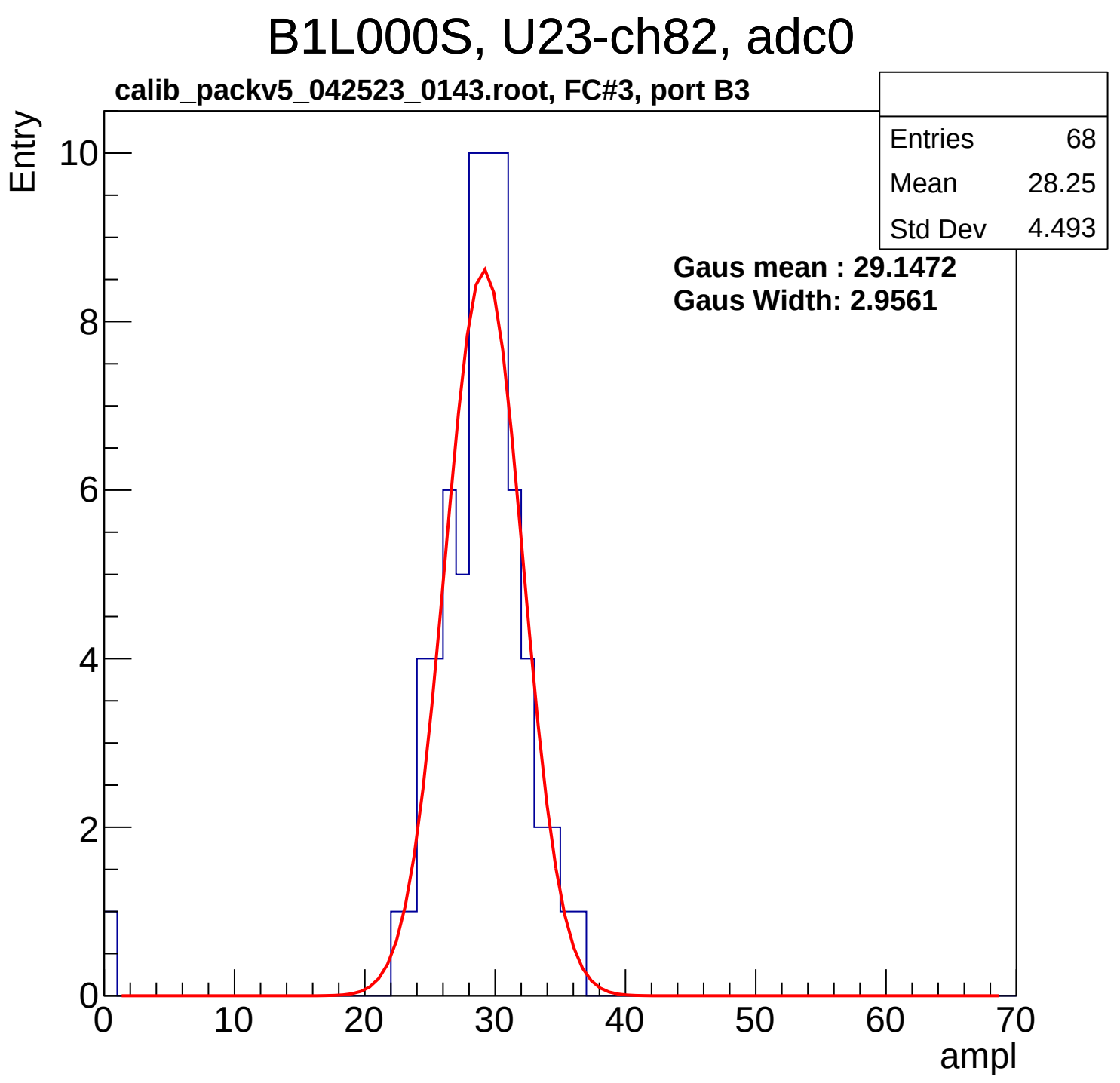
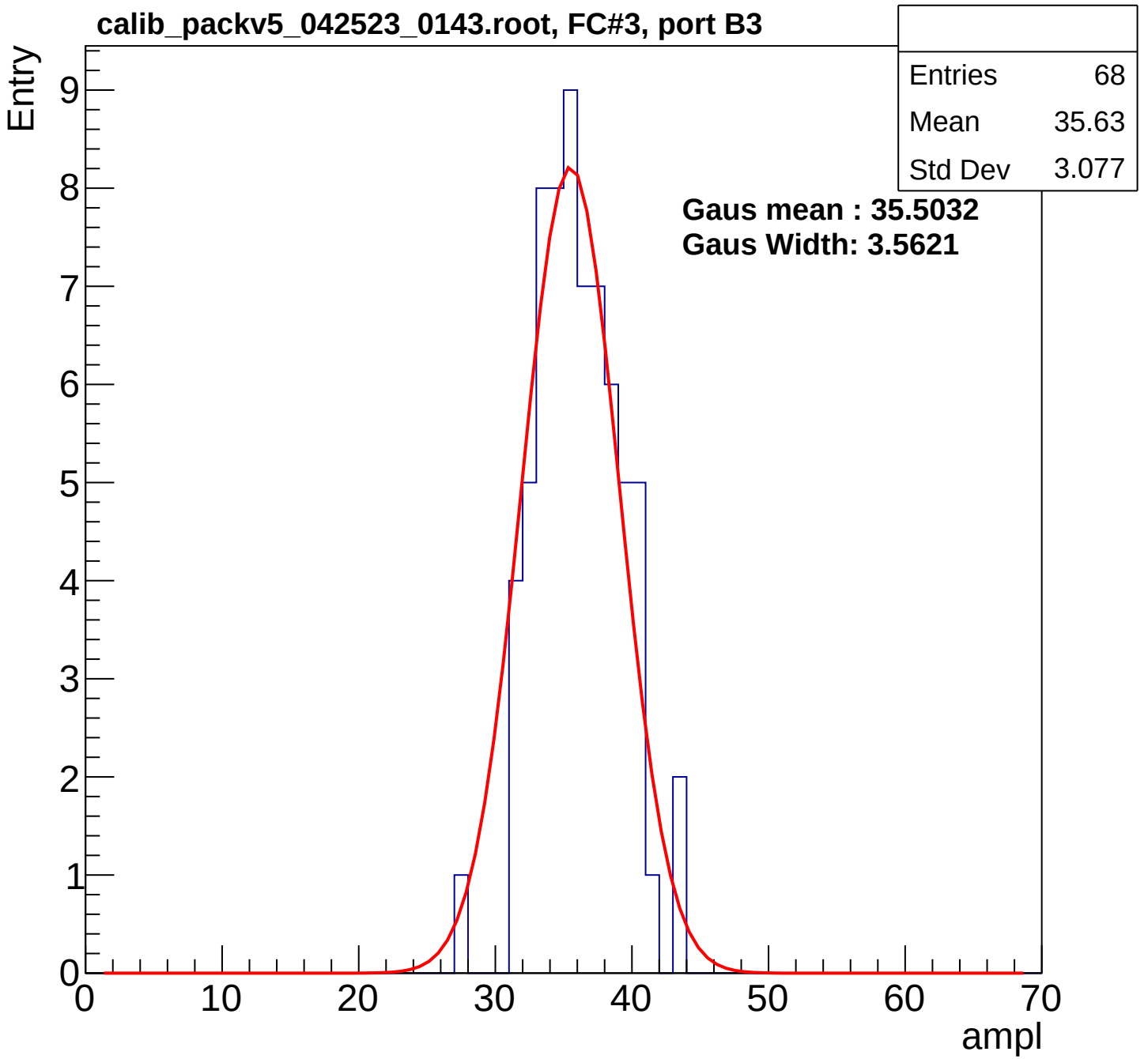

B1L000S, U23-ch81, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch81, 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, U23-ch82, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.25
Std Dev 4.493
Gaus mean : 29.1472
Gaus Width: 2.9561
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch82, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 35.63
Std Dev 3.077
Gaus mean : 35.5032
Gaus Width: 3.5621
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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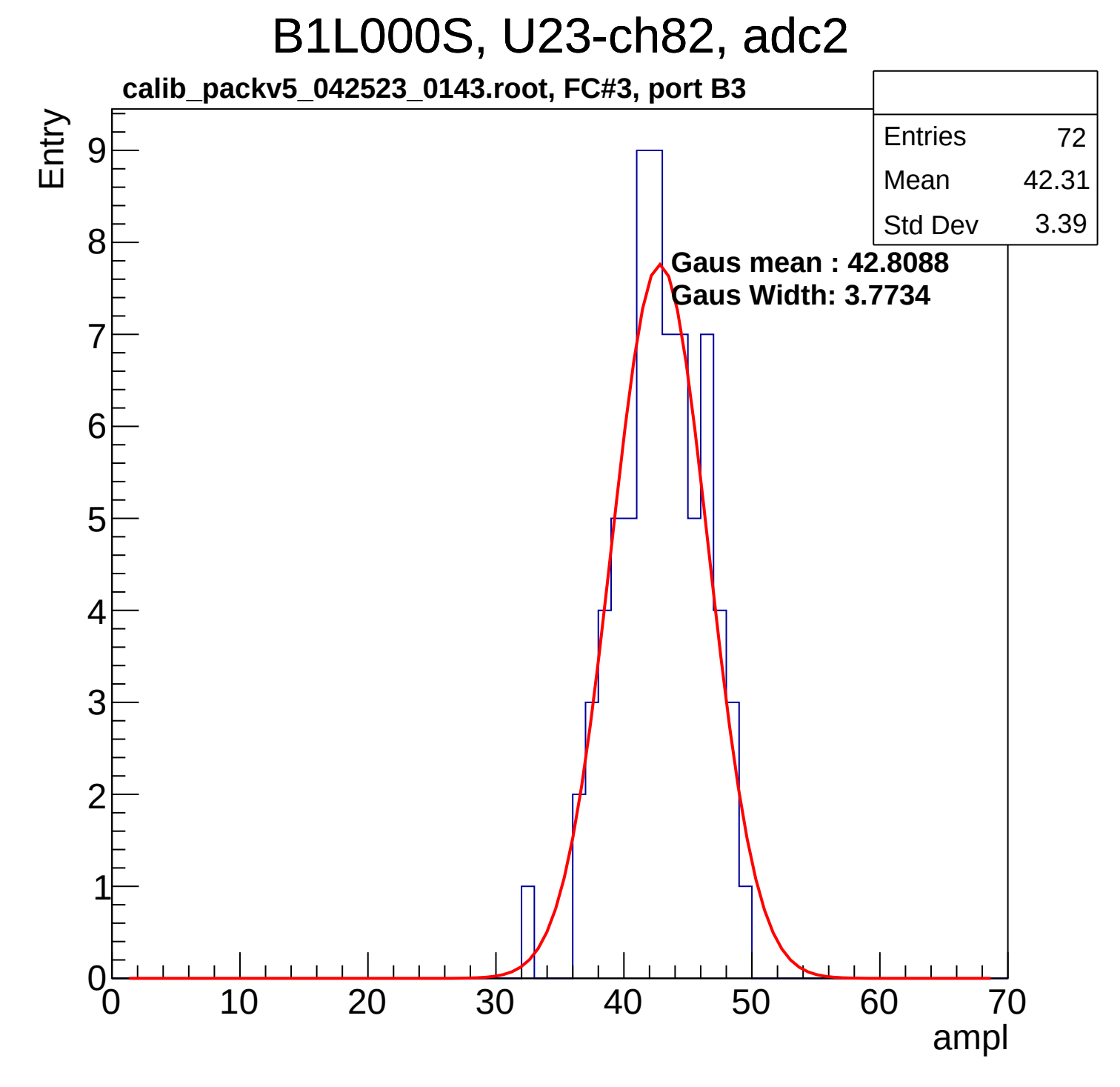
B1L000S, U23-ch82, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 42.31
Std Dev 3.39
Gaus mean : 42.8088
Gaus Width: 3.7734
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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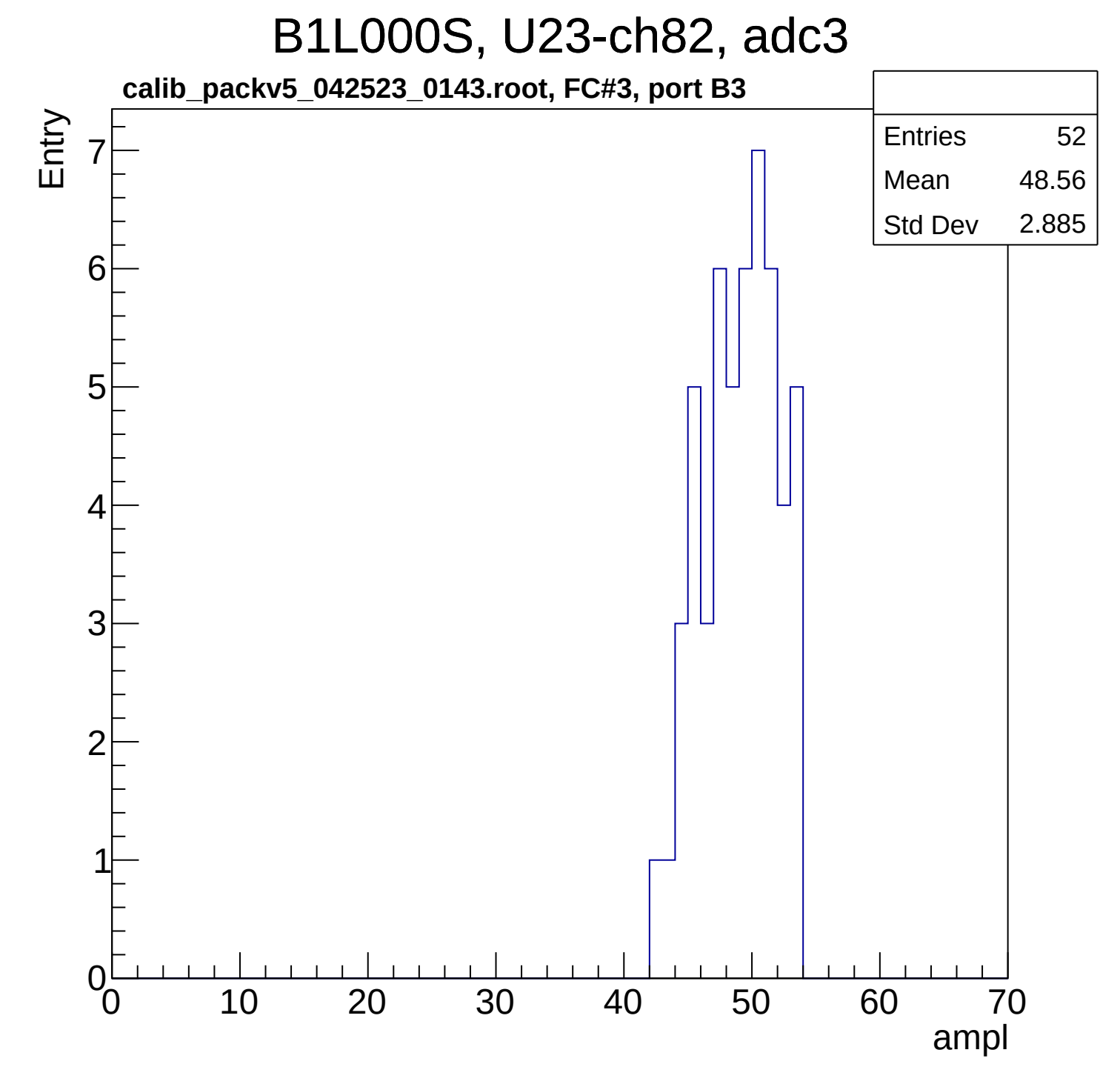
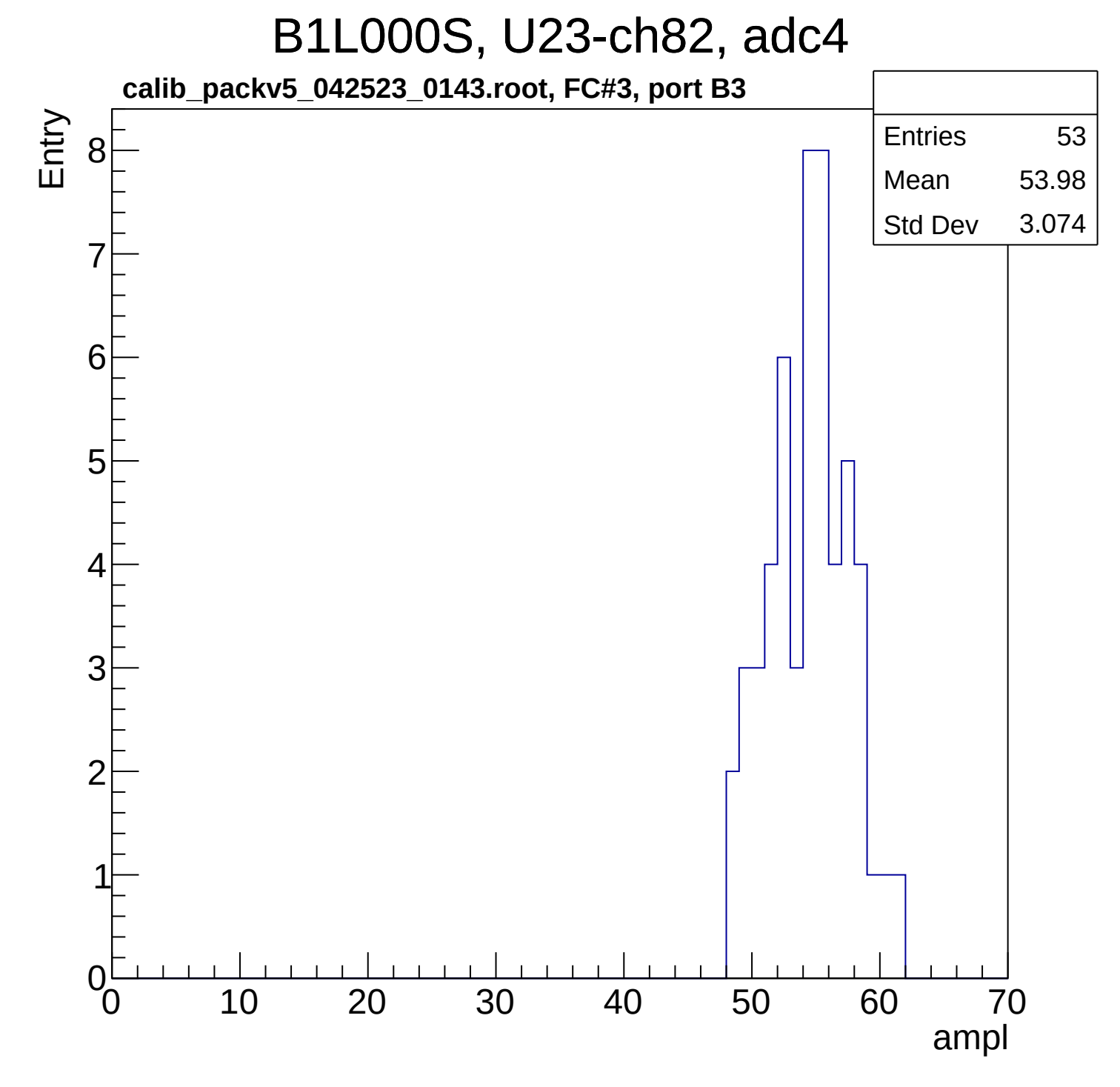
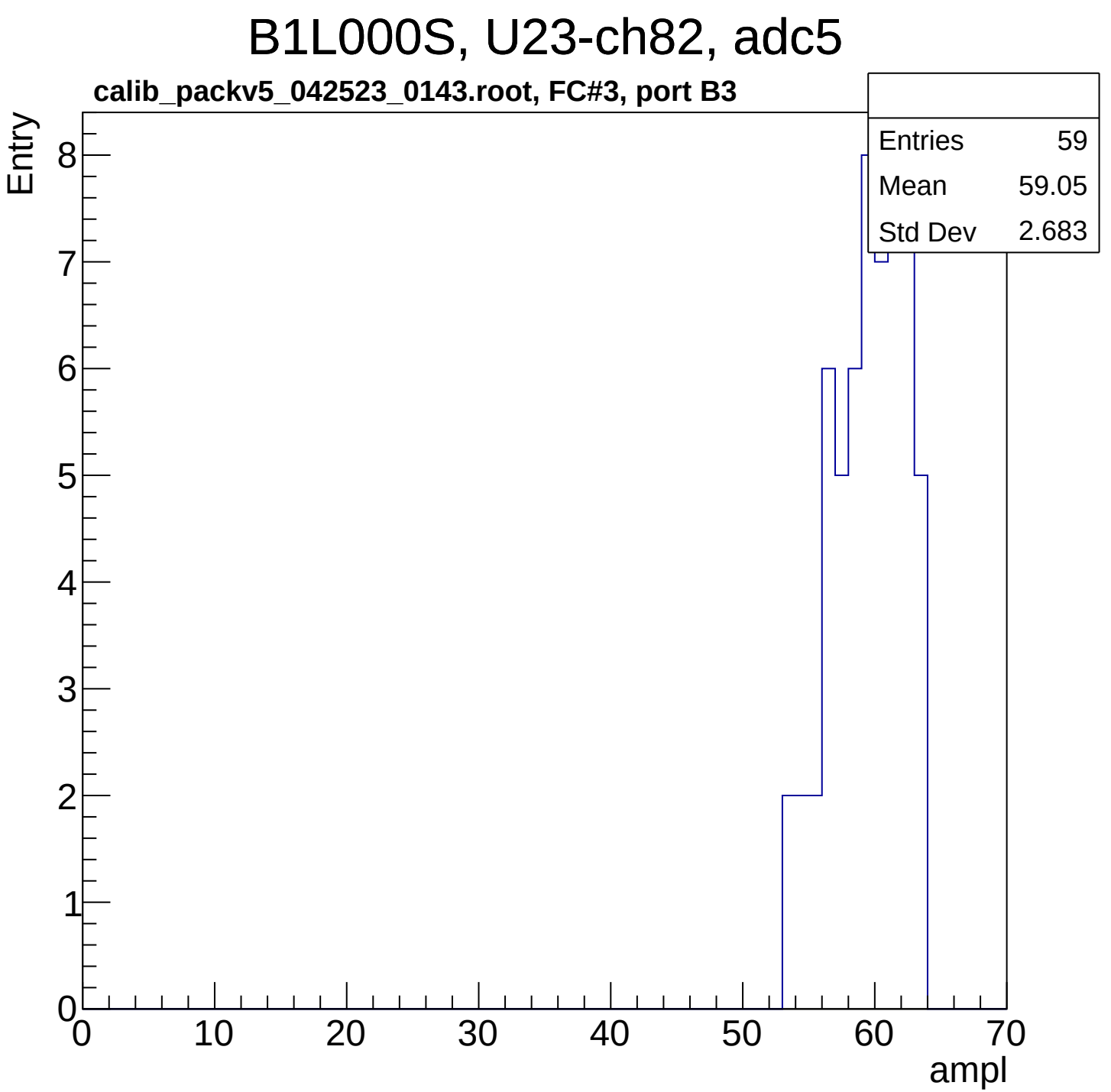

B1L000S, U23-ch82, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 48.56
Std Dev 2.885
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch82, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.98
Std Dev 3.074
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch82, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 59.05
Std Dev 2.683
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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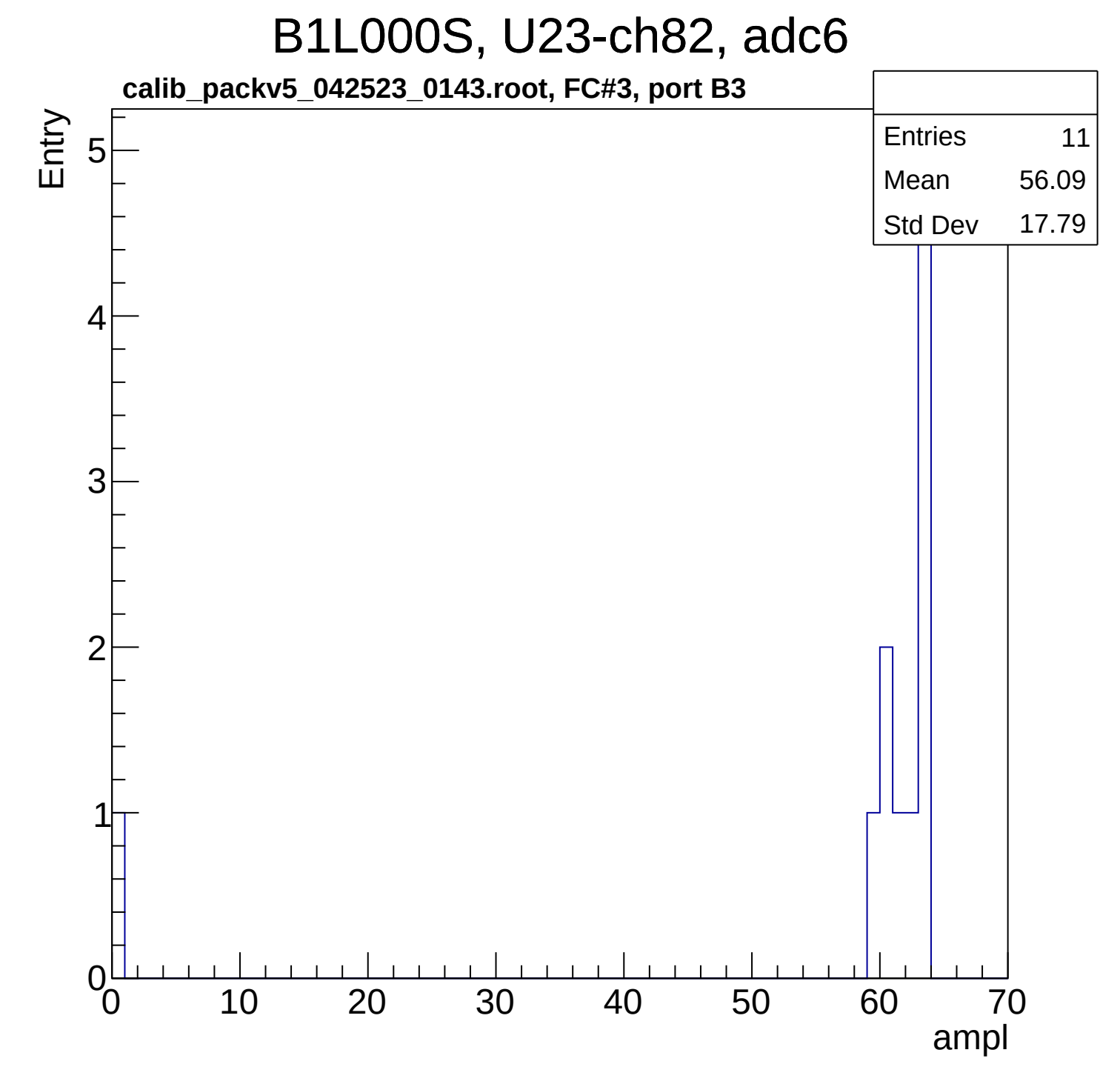
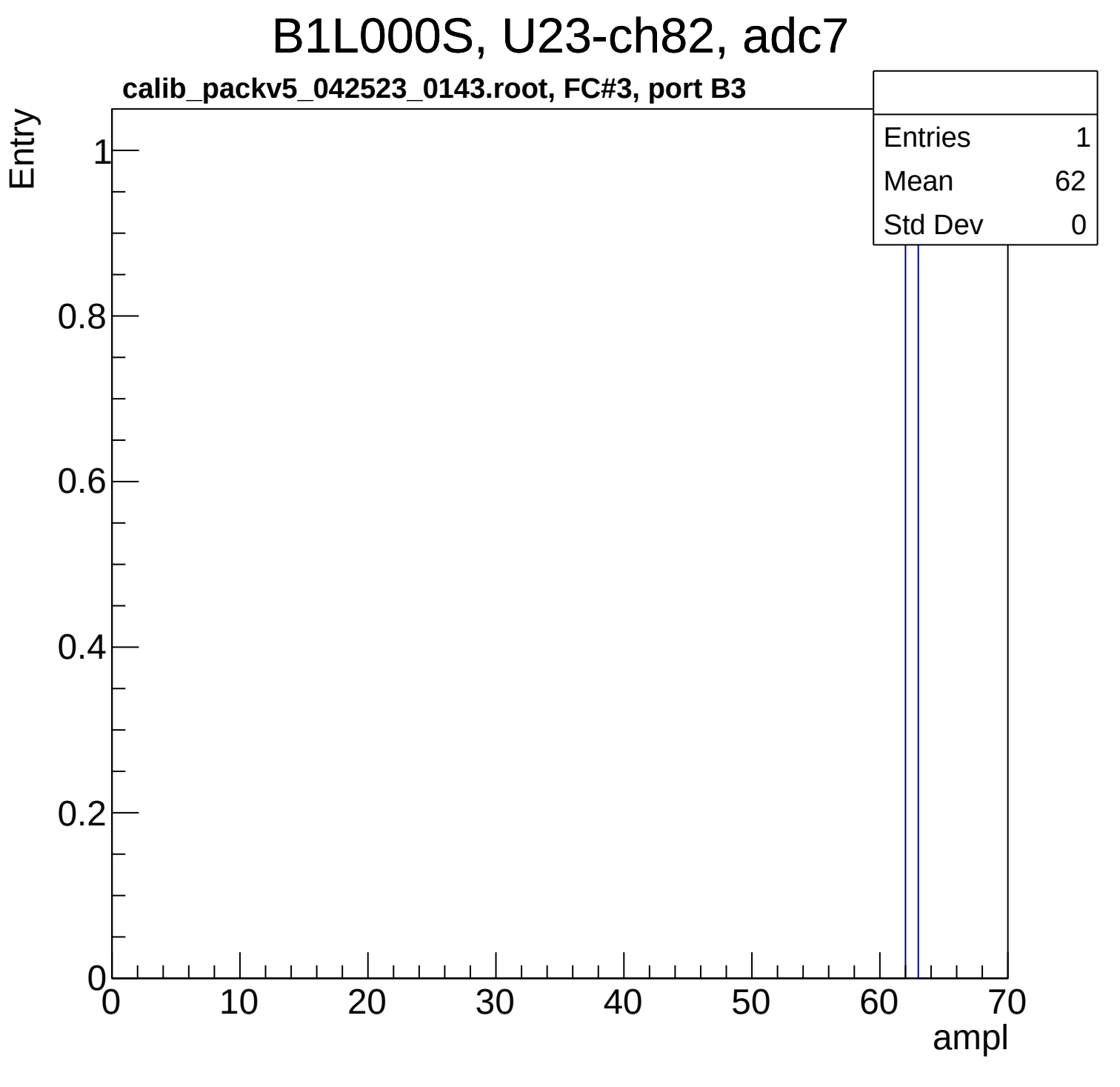
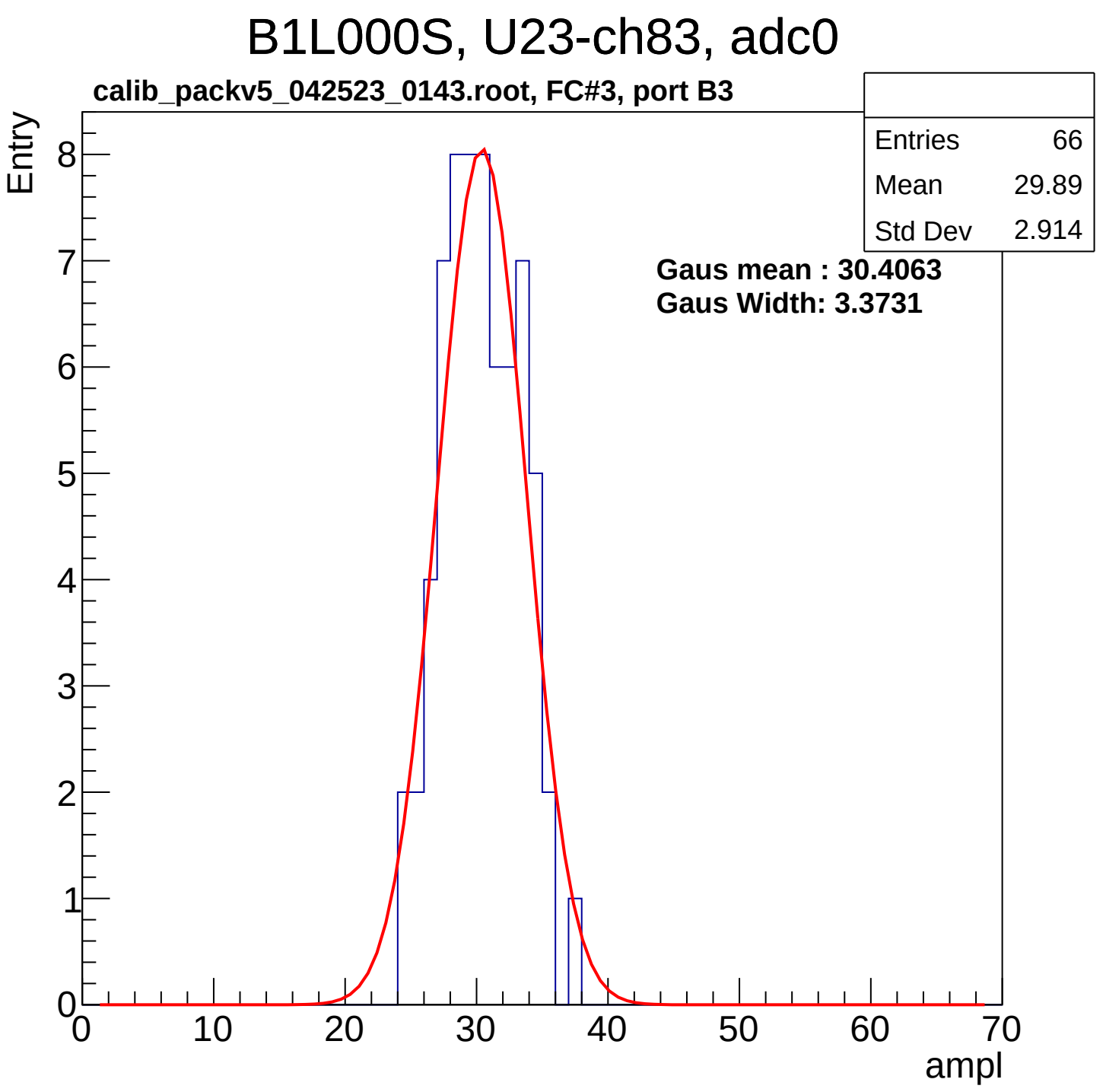
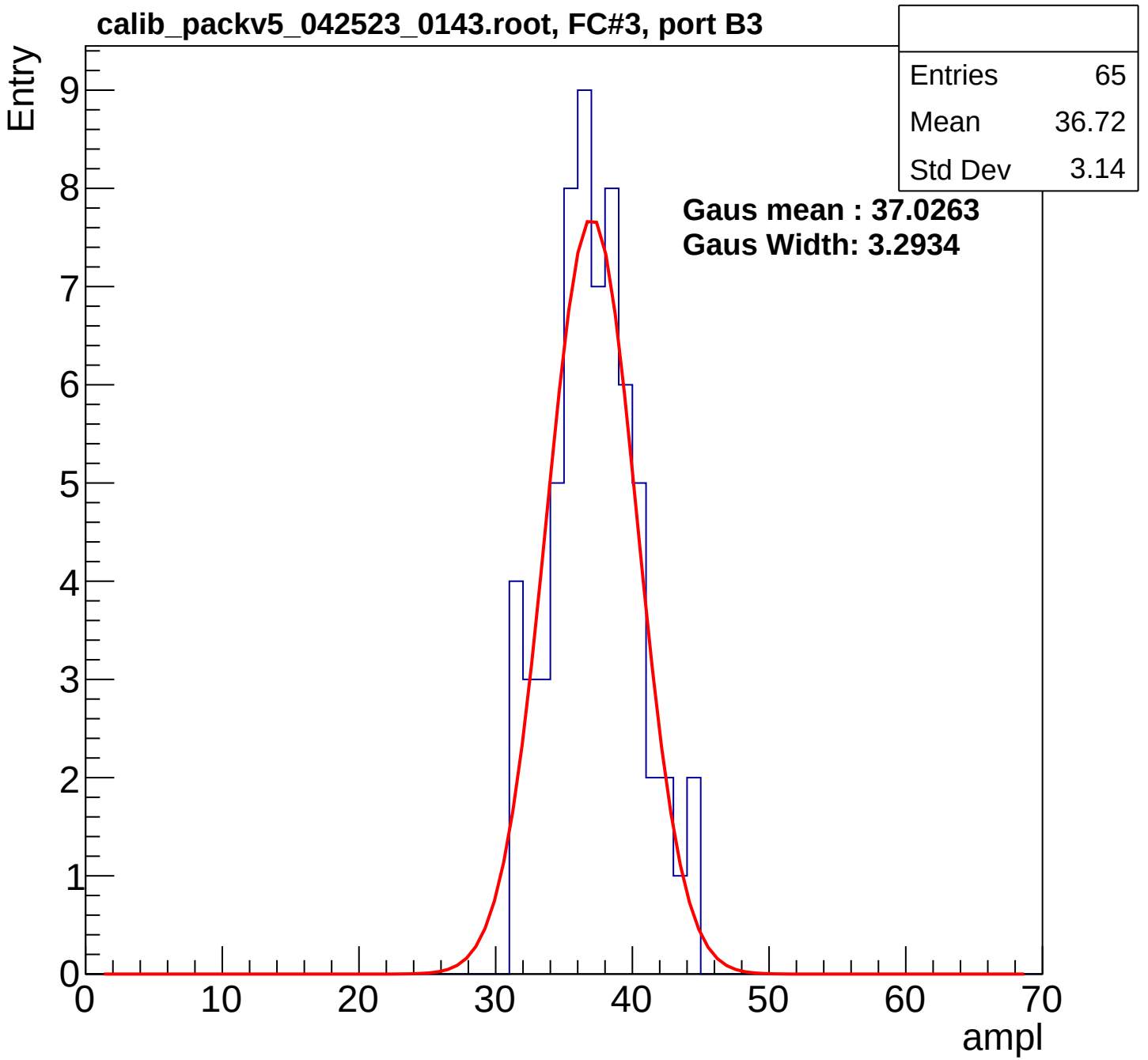
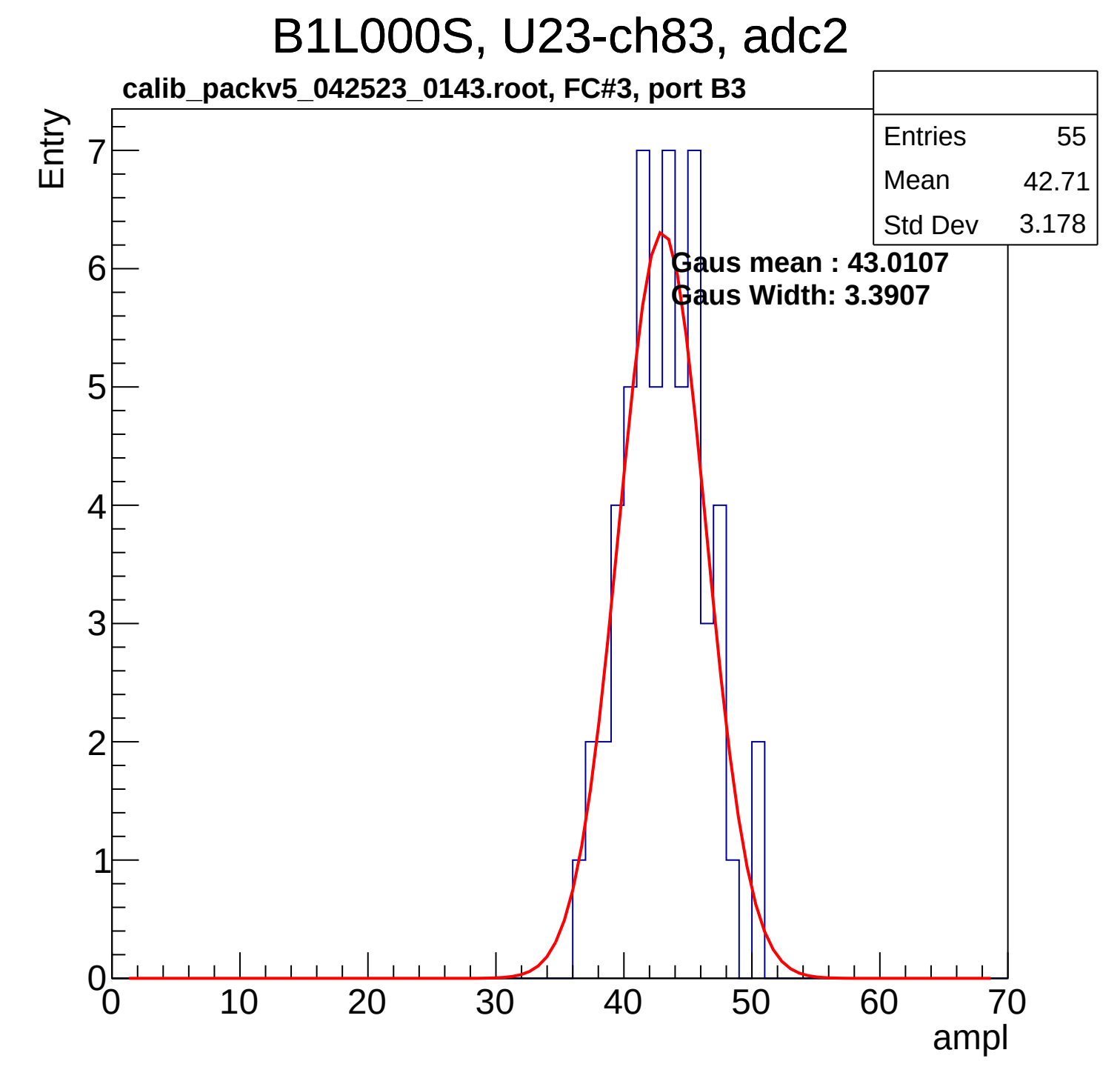
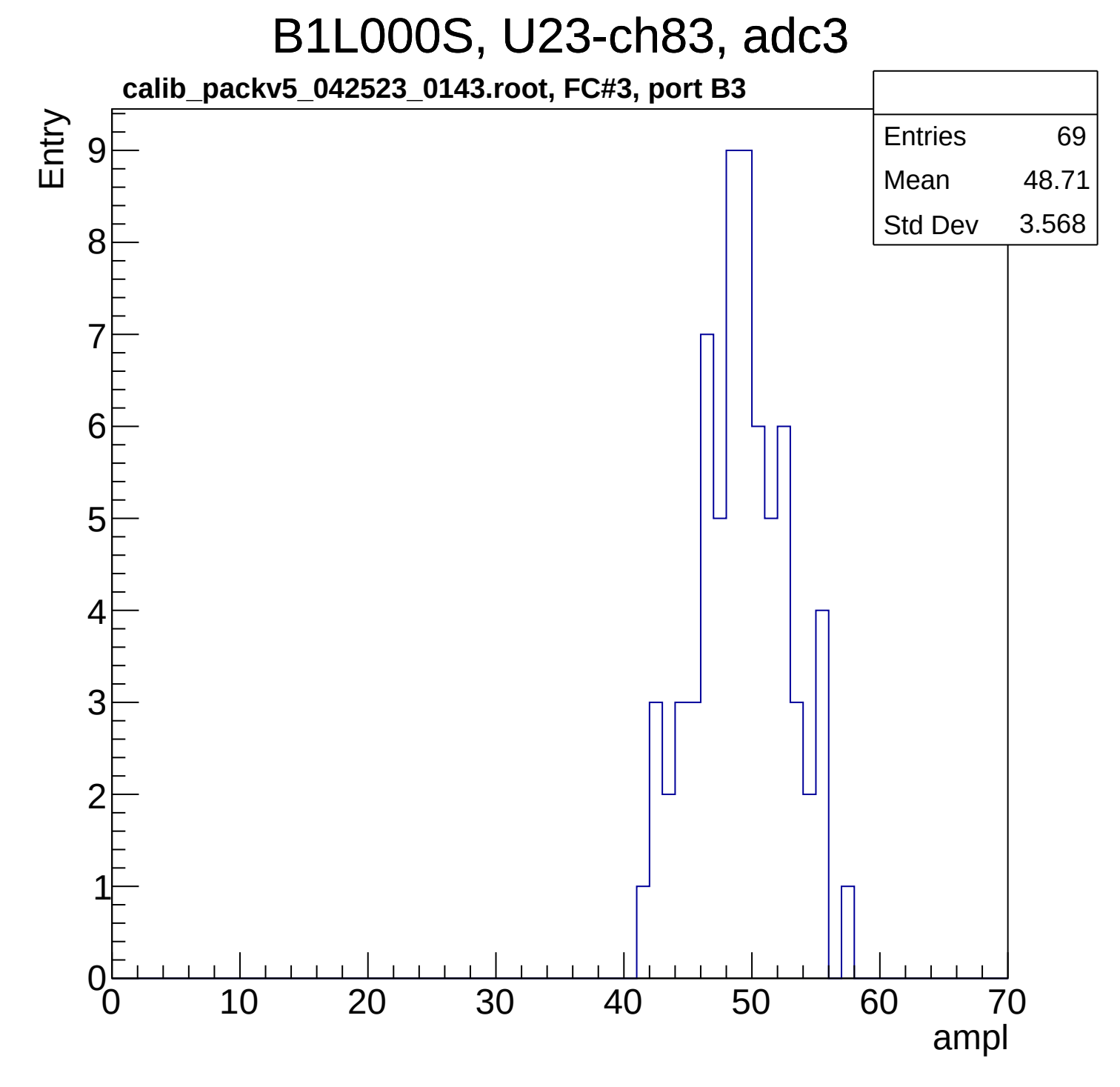

B1L000S, U23-ch82, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.09
Std Dev 17.79
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

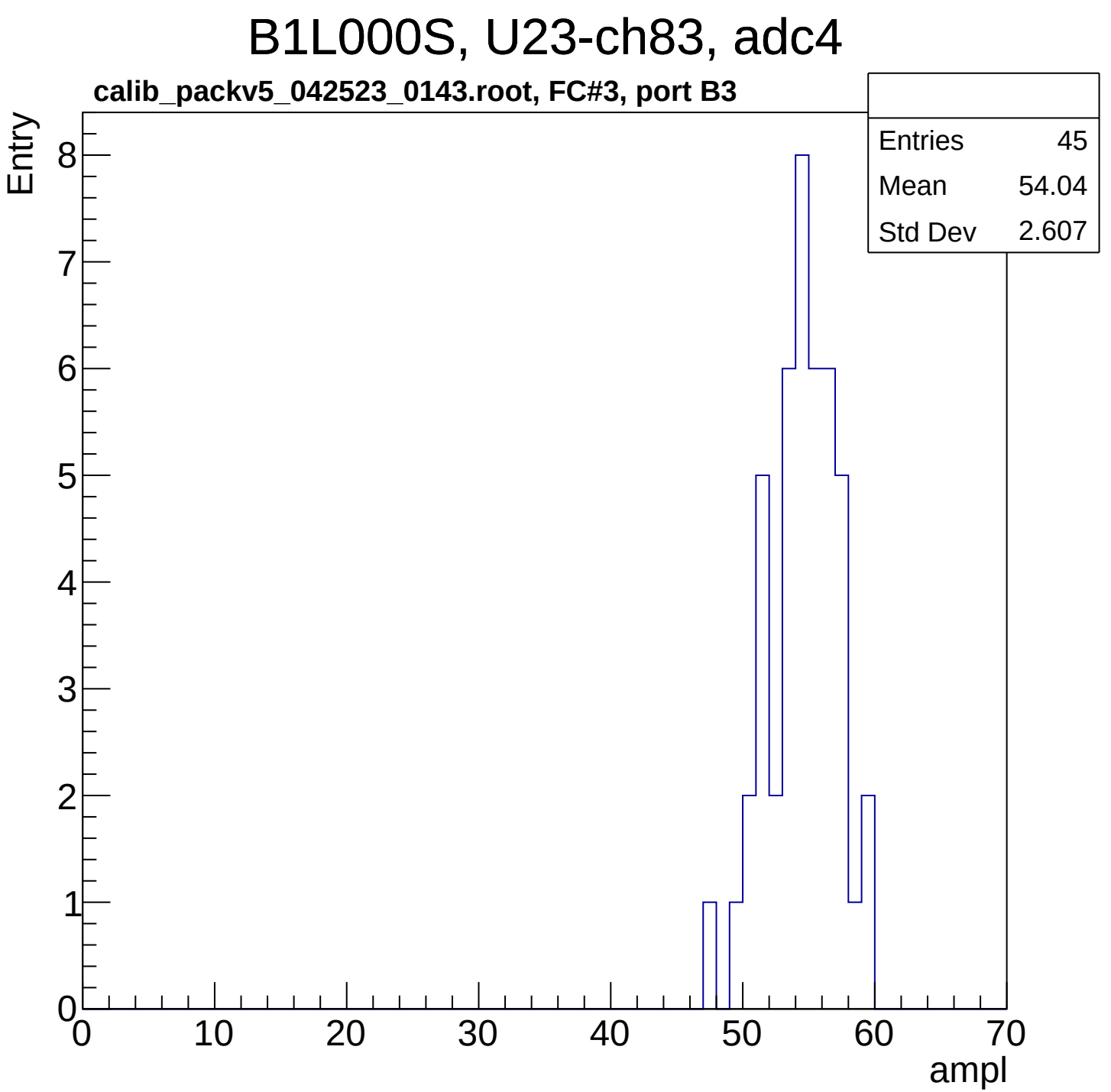

B1L000S, U23-ch82, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

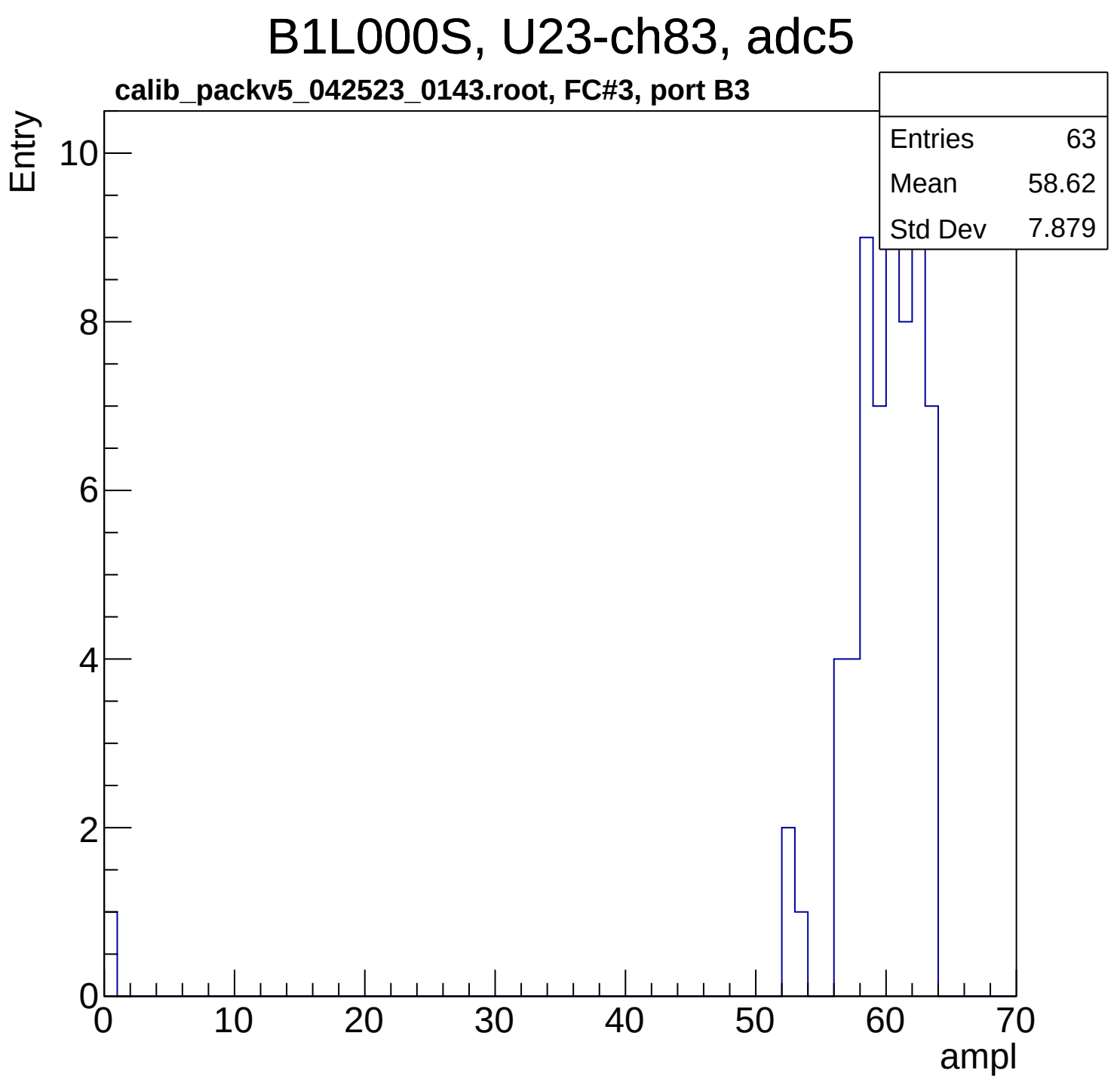

B1L000S, U23-ch83, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.89
Std Dev 2.914
Gaus mean : 30.4063
Gaus Width: 3.3731
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch83, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 36.72
Std Dev 3.14
Gaus mean : 37.0263
Gaus Width: 3.2934
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch83, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 42.71
Std Dev 3.178
Gaus mean : 43.0107
Gaus Width: 3.3907
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch83, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.71
Std Dev 3.568
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch83, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 54.04
Std Dev 2.607
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch83, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 58.62
Std Dev 7.879
Entry
ampl
0
2
4
6
8
10
0
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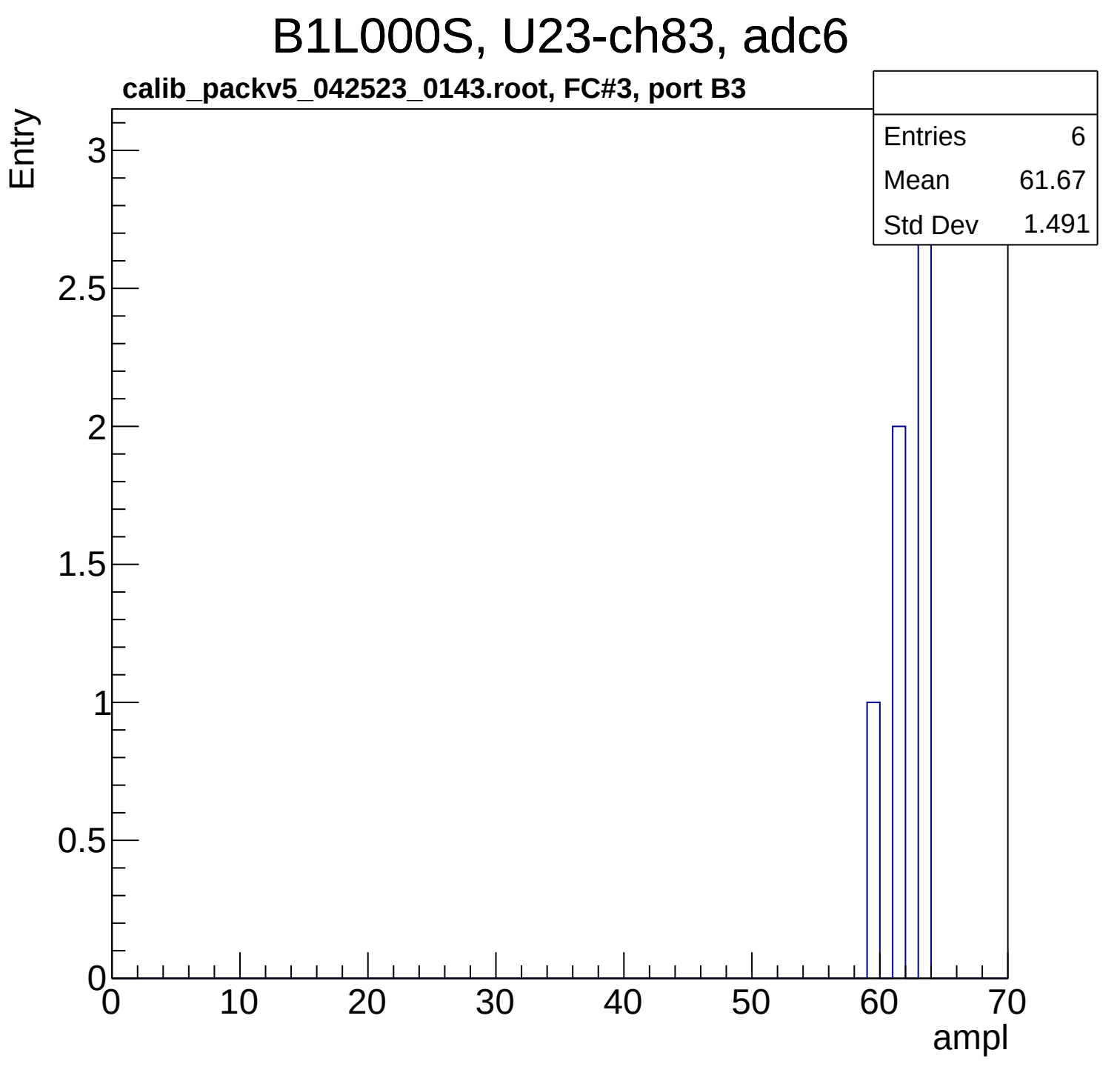
20
30
40
50
60
70


B1L000S, U23-ch83, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.67
Std Dev 1.491
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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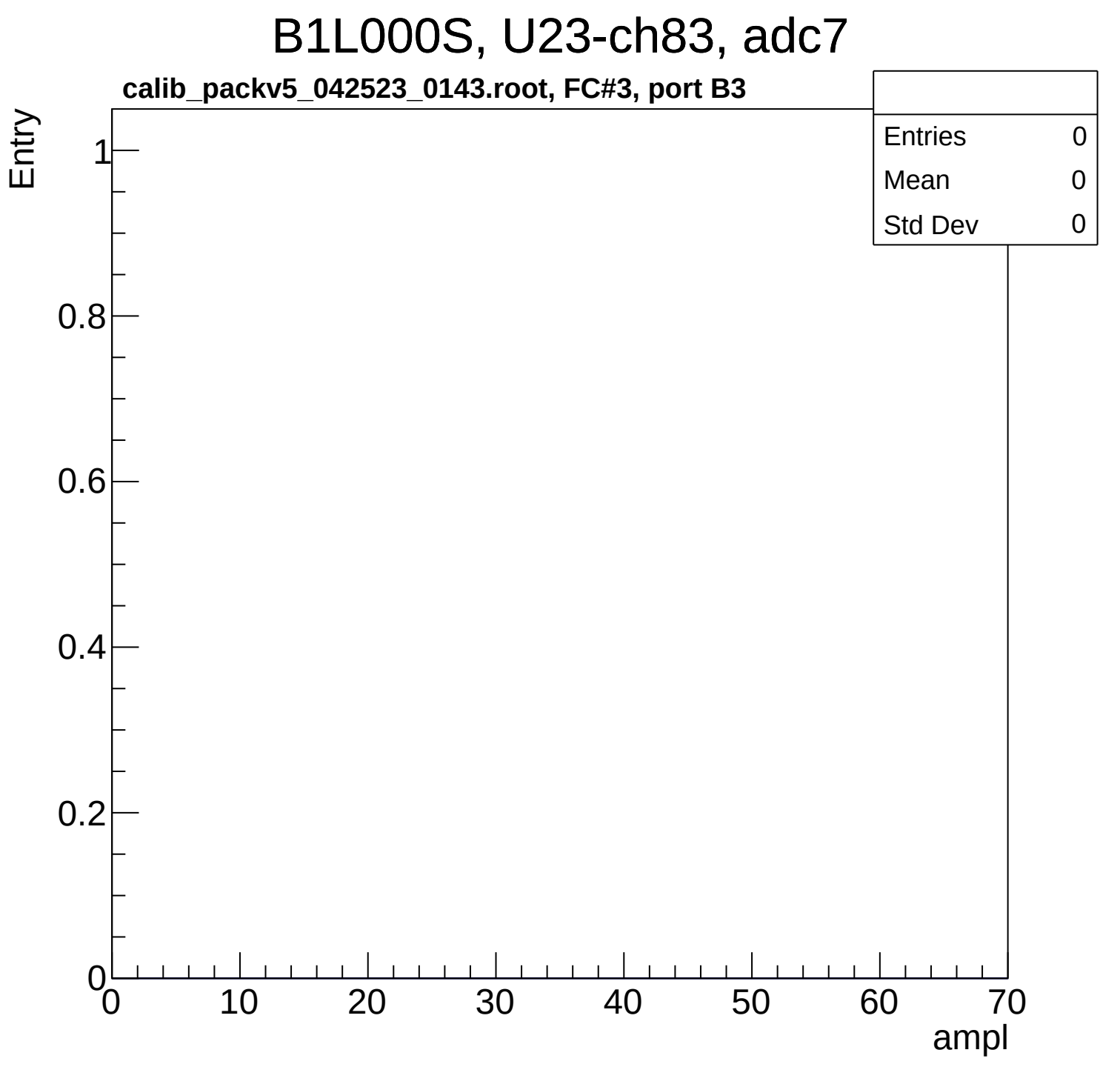
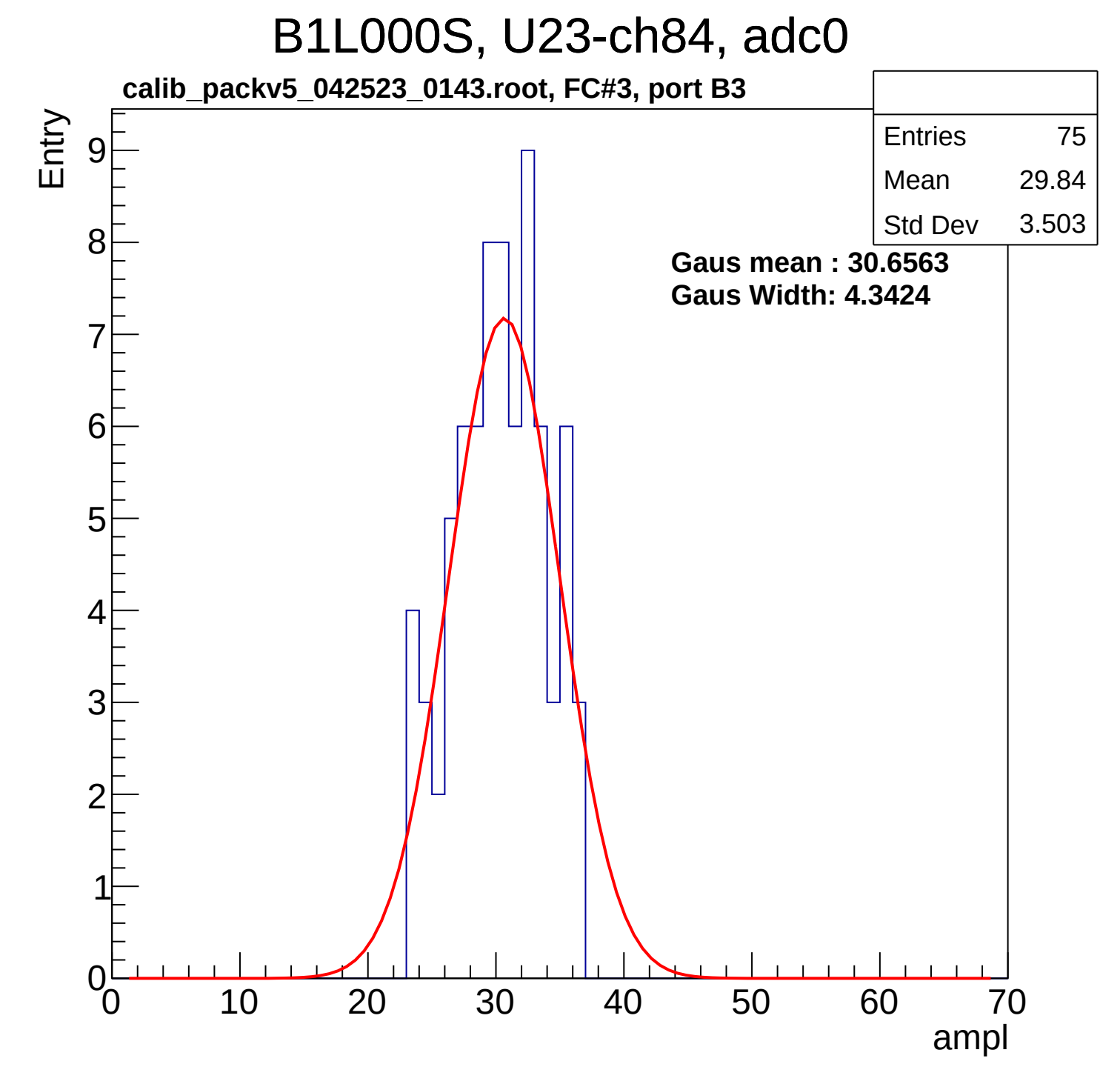

B1L000S, U23-ch83, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch84, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 29.84
Std Dev 3.503
Gaus mean : 30.6563
Gaus Width: 4.3424
Entry
ampl
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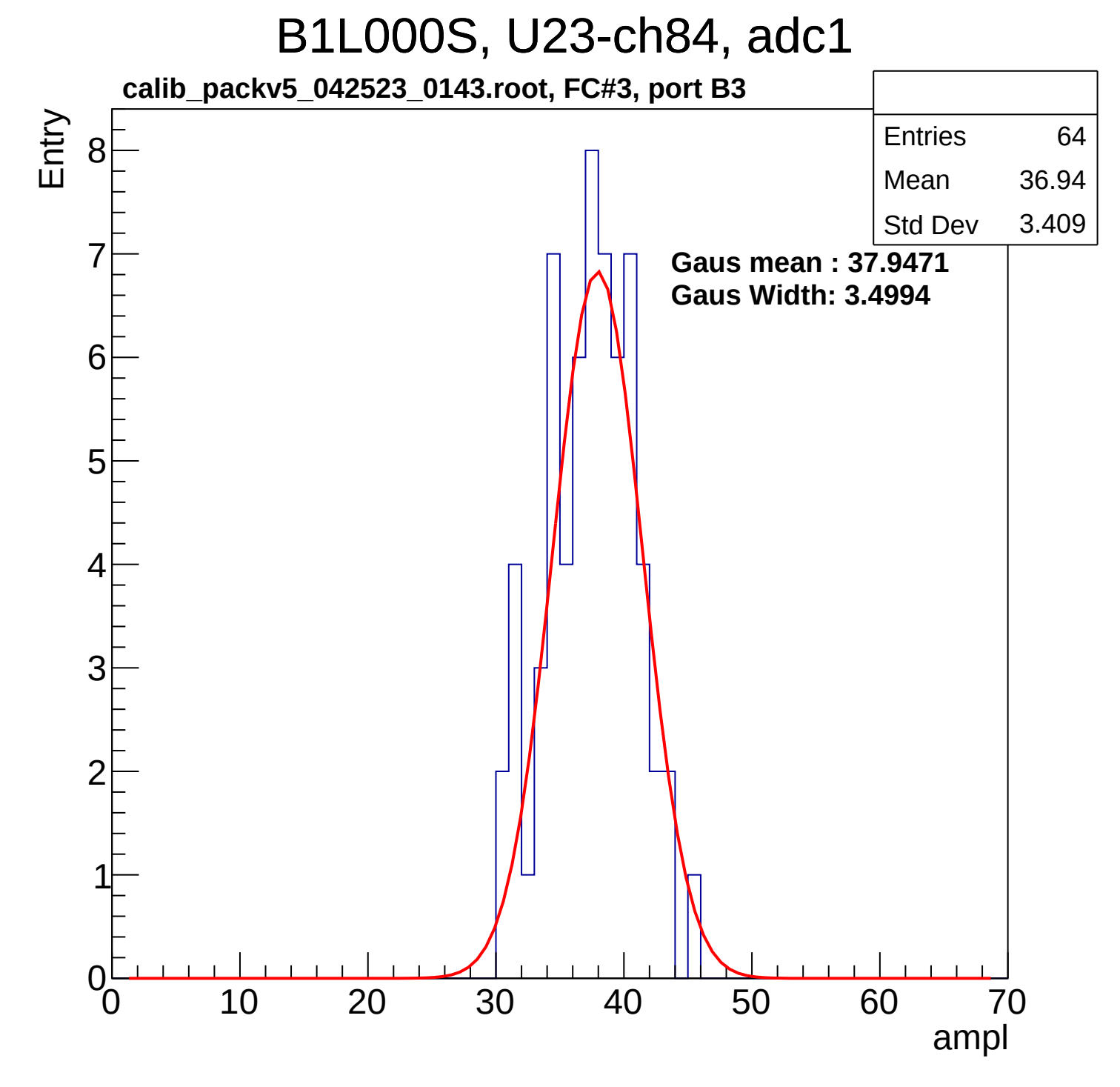
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch84, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.94
Std Dev 3.409
Gaus mean : 37.9471
Gaus Width: 3.4994
Entry
ampl
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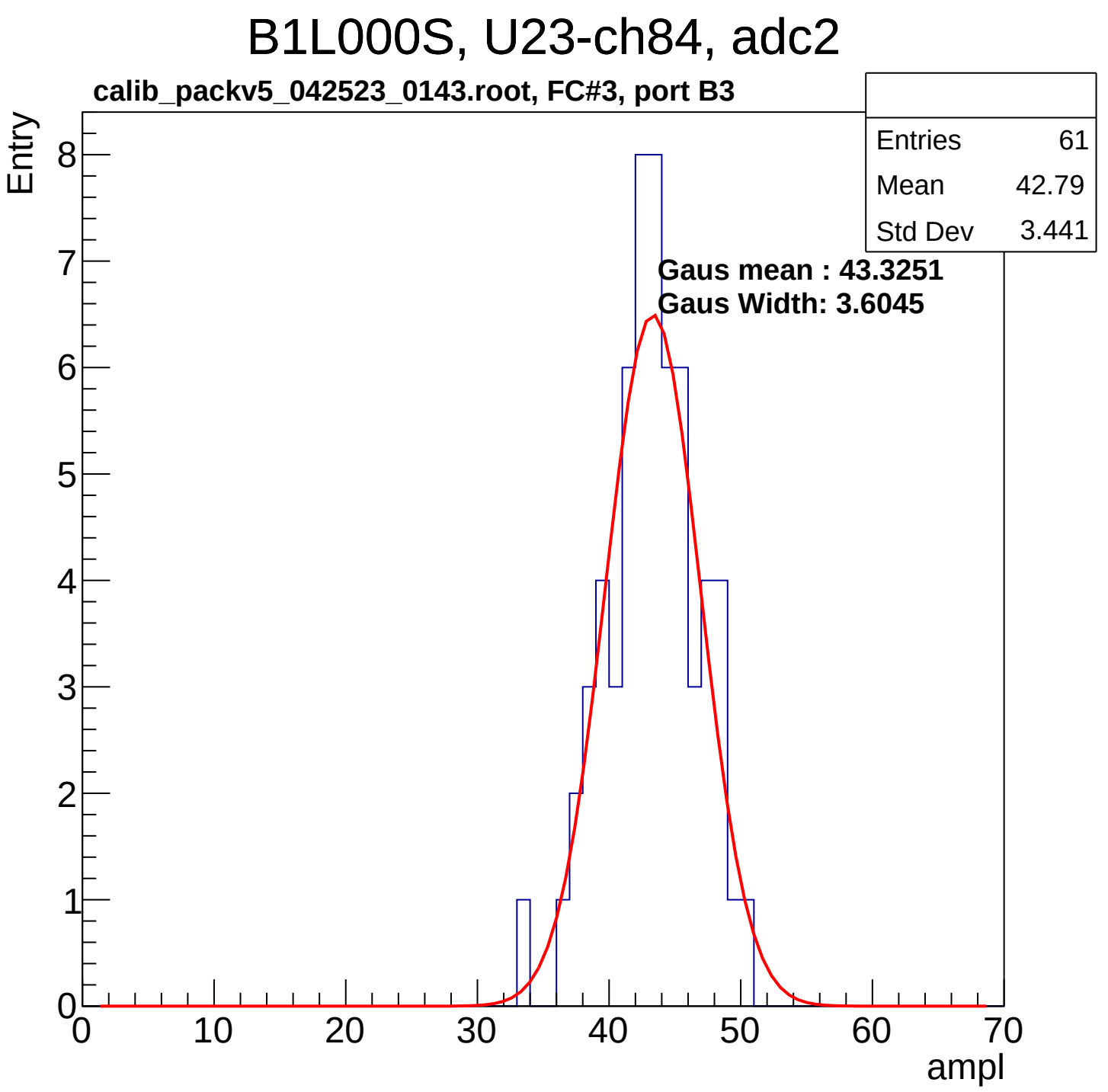
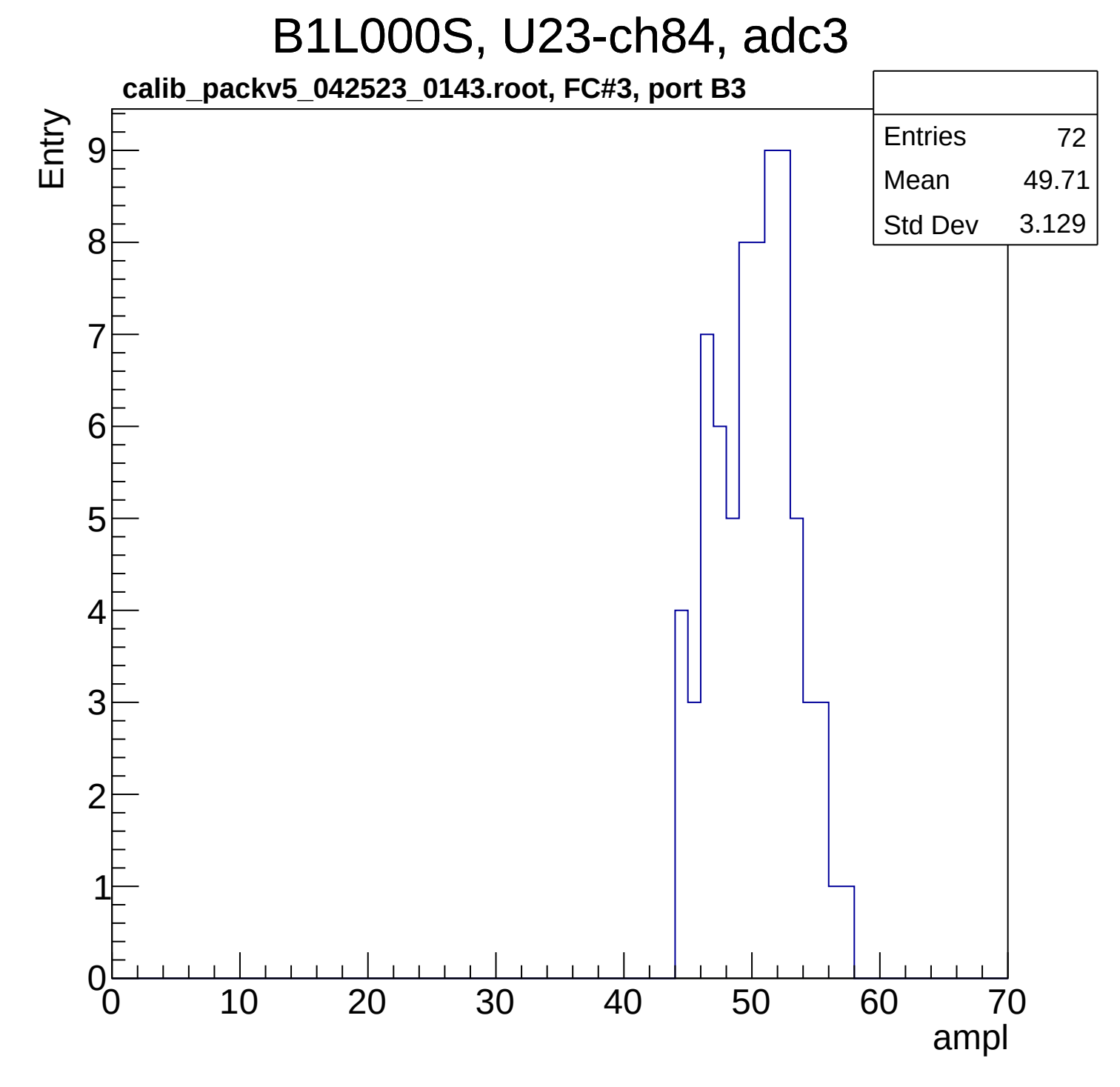
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch84, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.79
Std Dev 3.441
Gaus mean : 43.3251
Gaus Width: 3.6045
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch84, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 49.71
Std Dev 3.129
Entry
ampl
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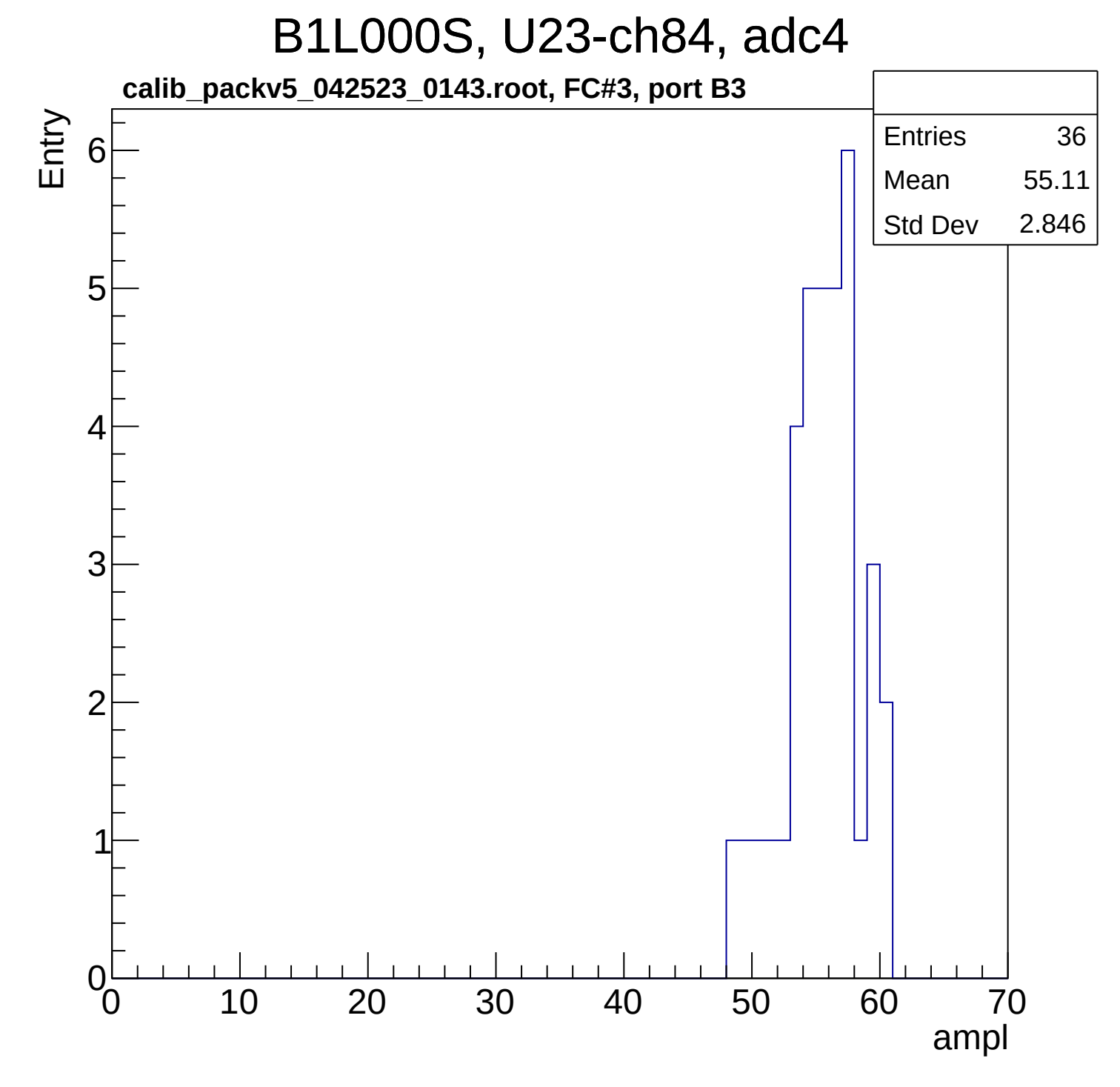
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch84, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 36
Mean 55.11
Std Dev 2.846
Entry
0
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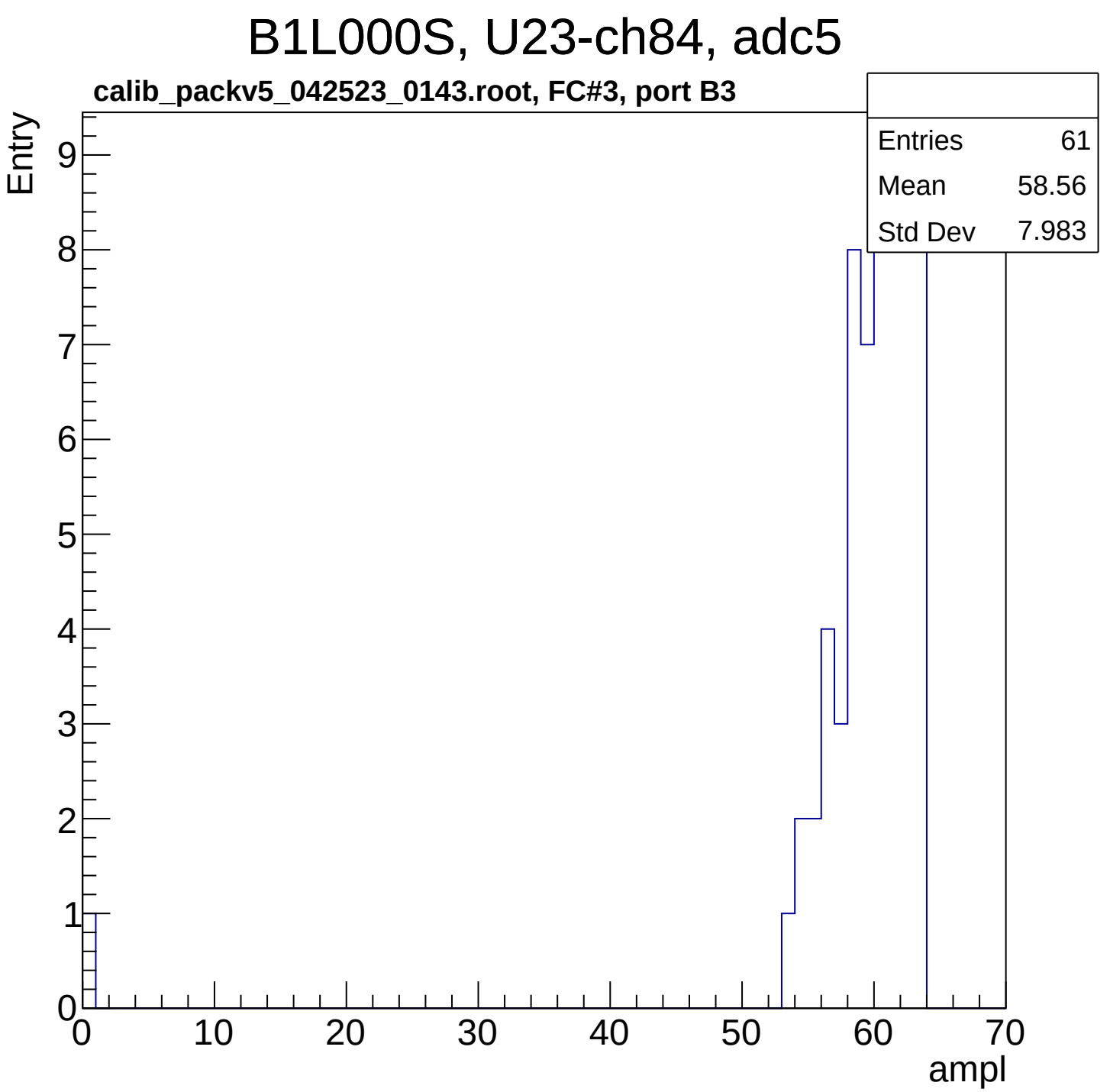
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch84, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.56
Std Dev 7.983
Entry
ampl
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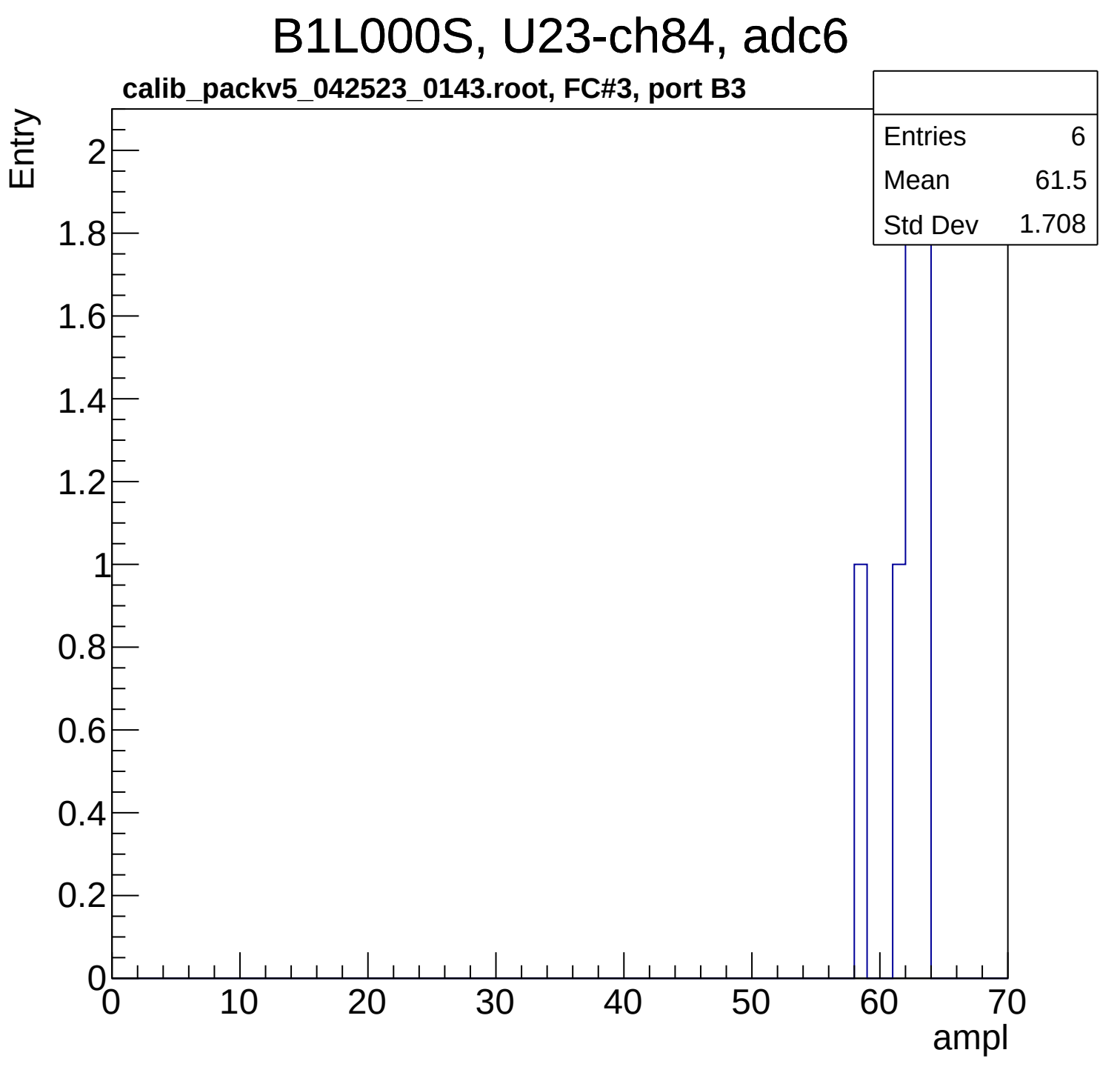
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch84, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.5
Std Dev 1.708
Entry
ampl
0
0.2
0.4
0.6
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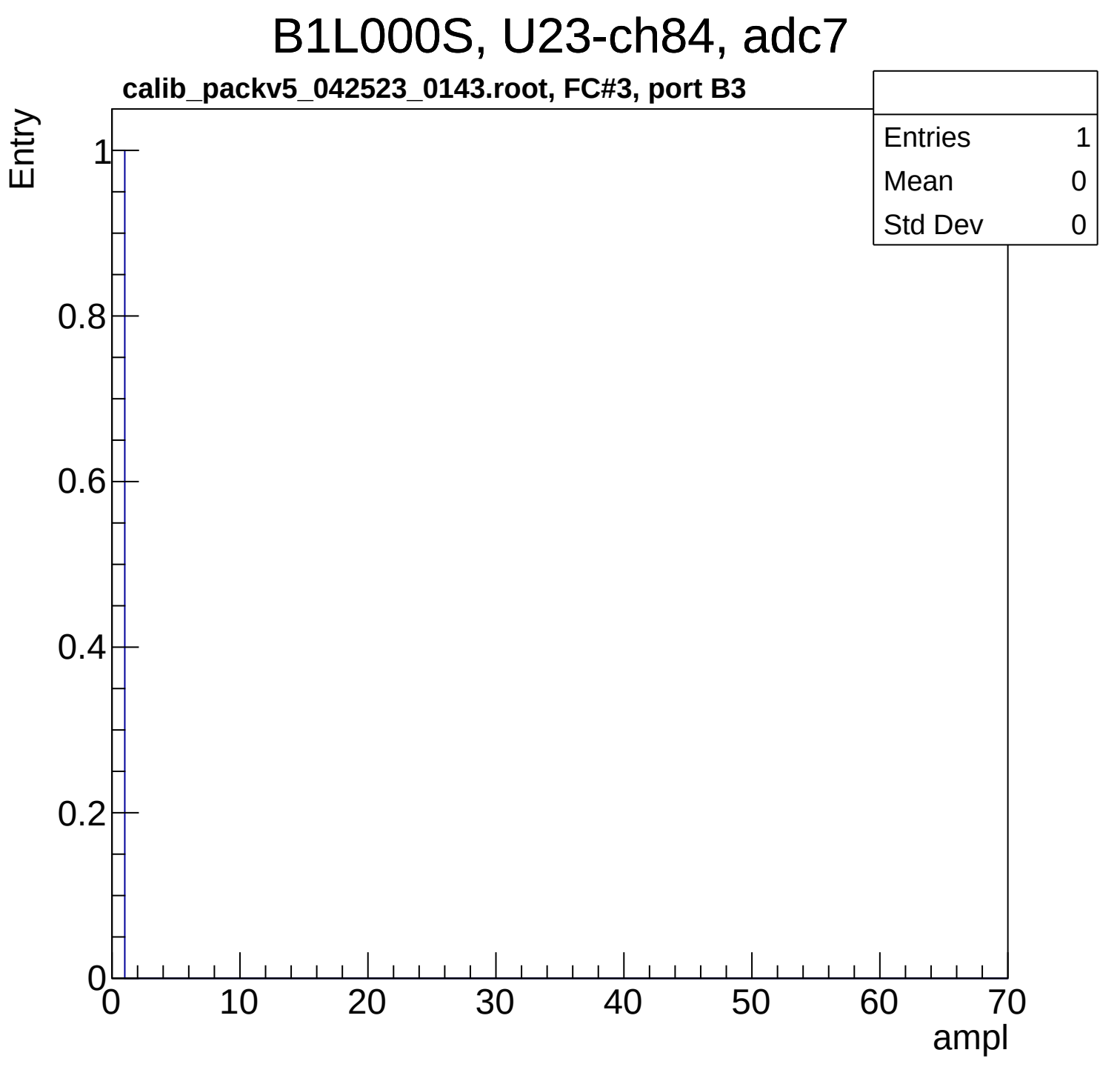
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch84, 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
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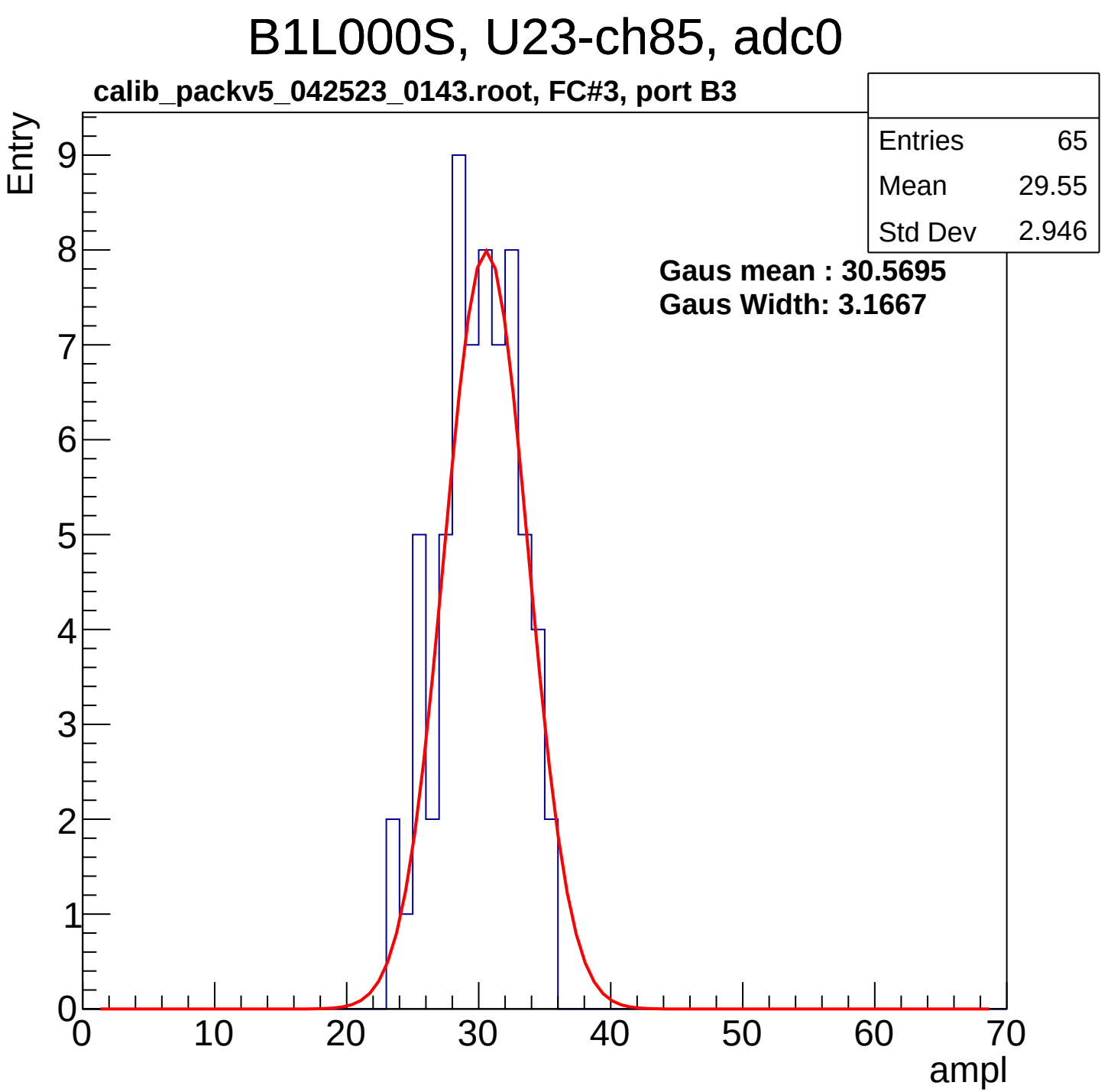
40
50
60
70
ampl


B1L000S, U23-ch85, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 29.55
Std Dev 2.946
Gaus mean : 30.5695
Gaus Width: 3.1667
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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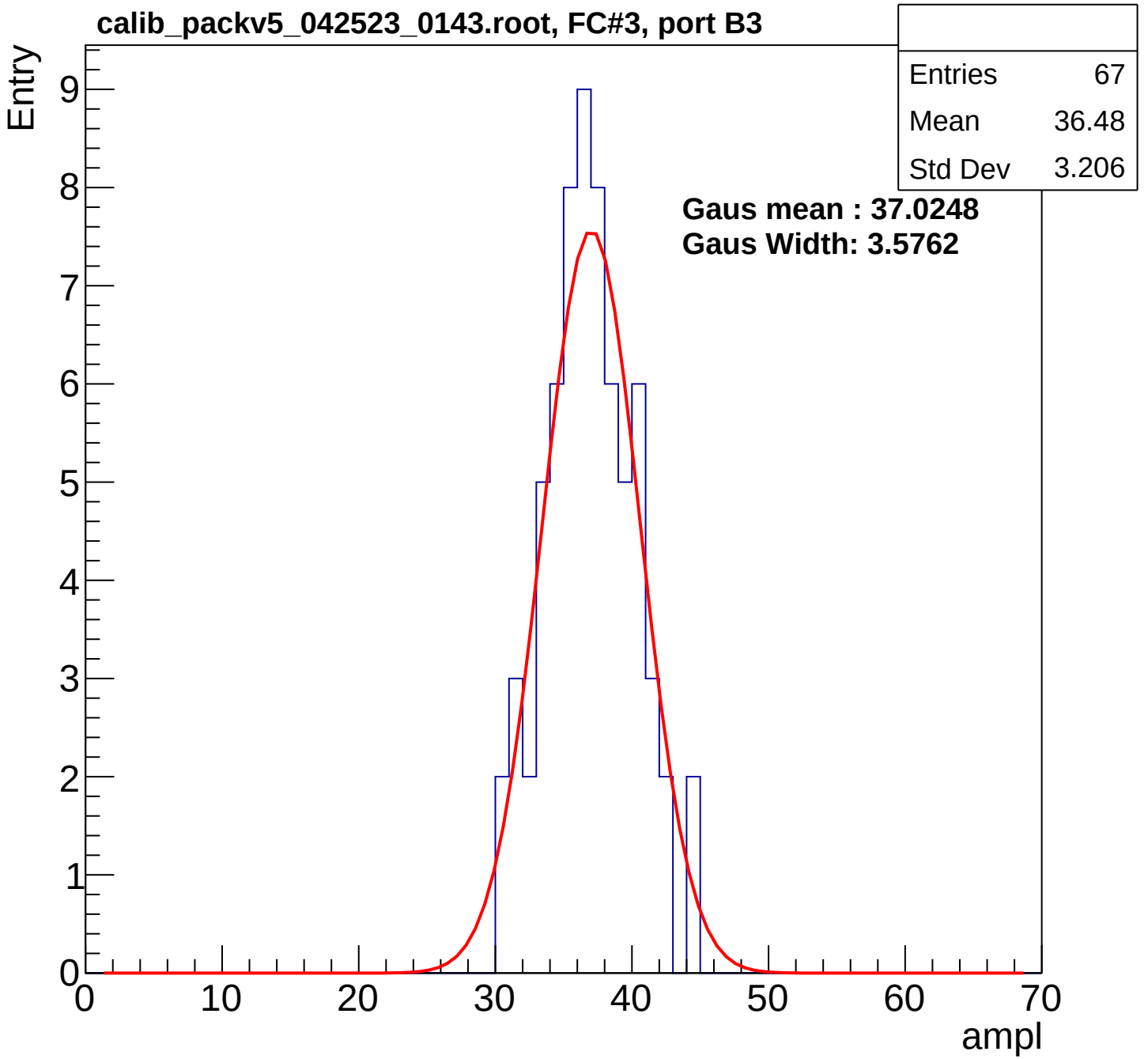
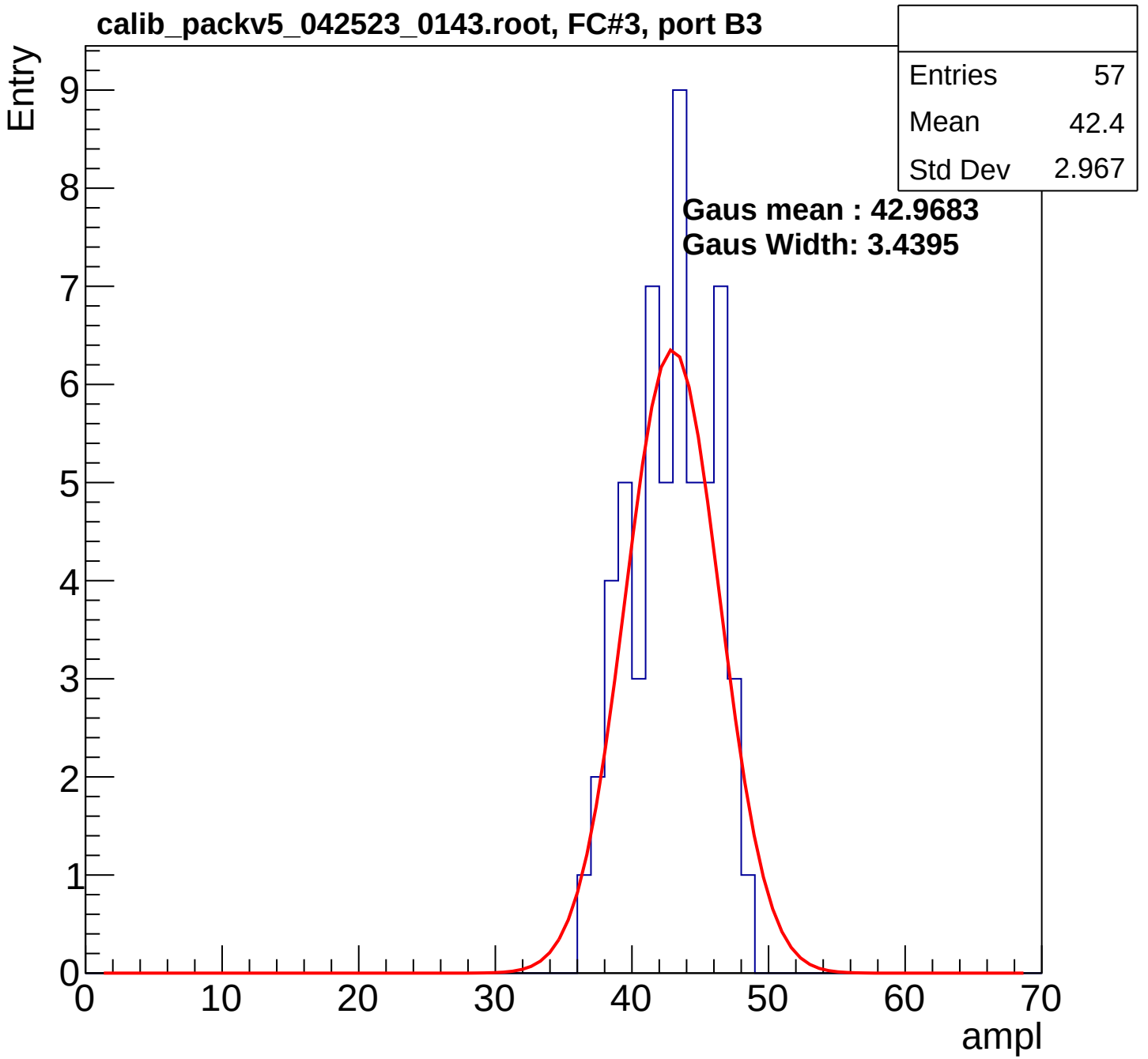

B1L000S, U23-ch85, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.48
Std Dev 3.206
Gaus mean : 37.0248
Gaus Width: 3.5762
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch85, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 42.4
Std Dev 2.967
Gaus mean : 42.9683
Gaus Width: 3.4395
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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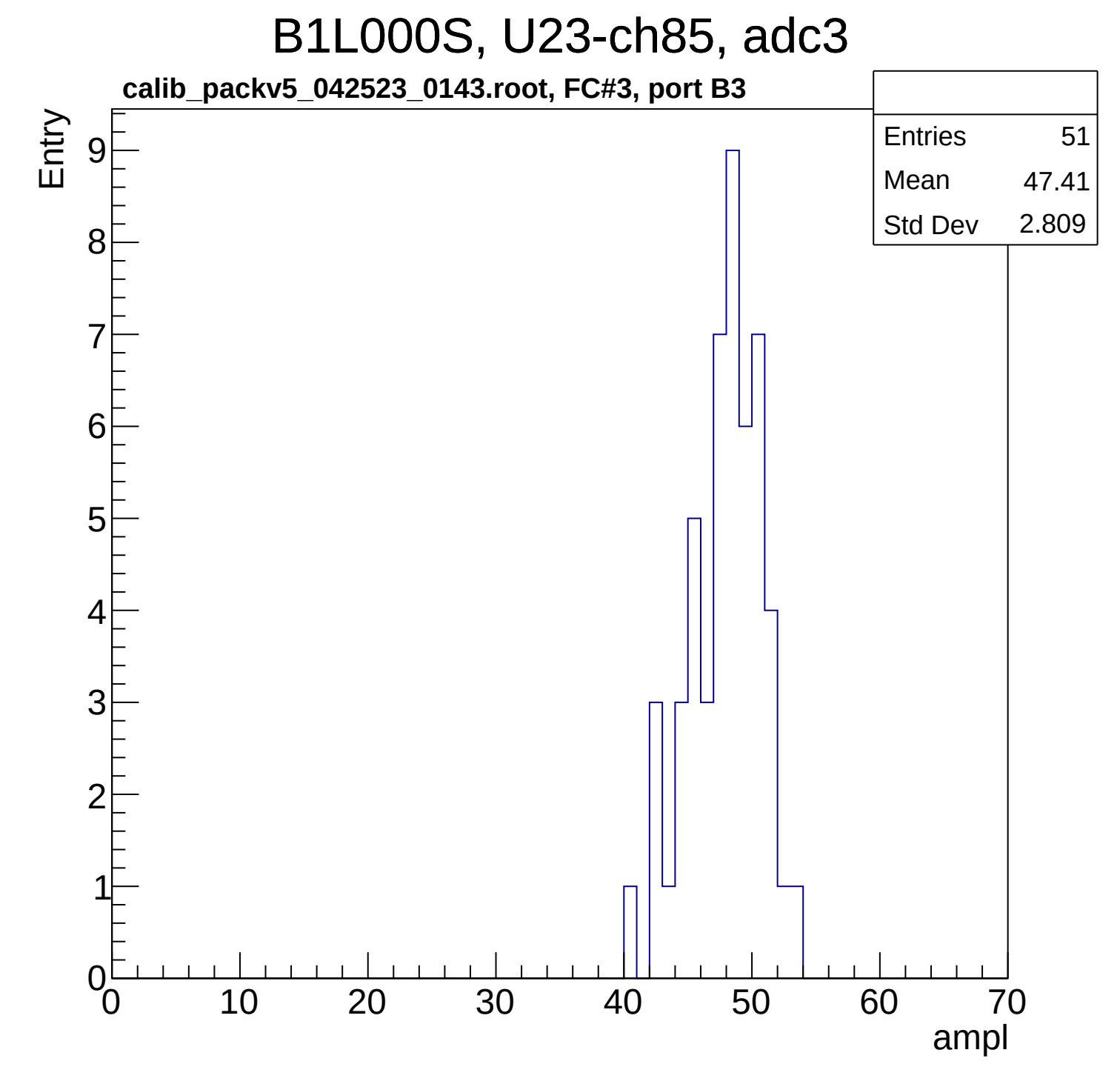
B1L000S, U23-ch85, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 47.41
Std Dev 2.809
Entry
ampl
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2
3
4
5
6
7
8
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0
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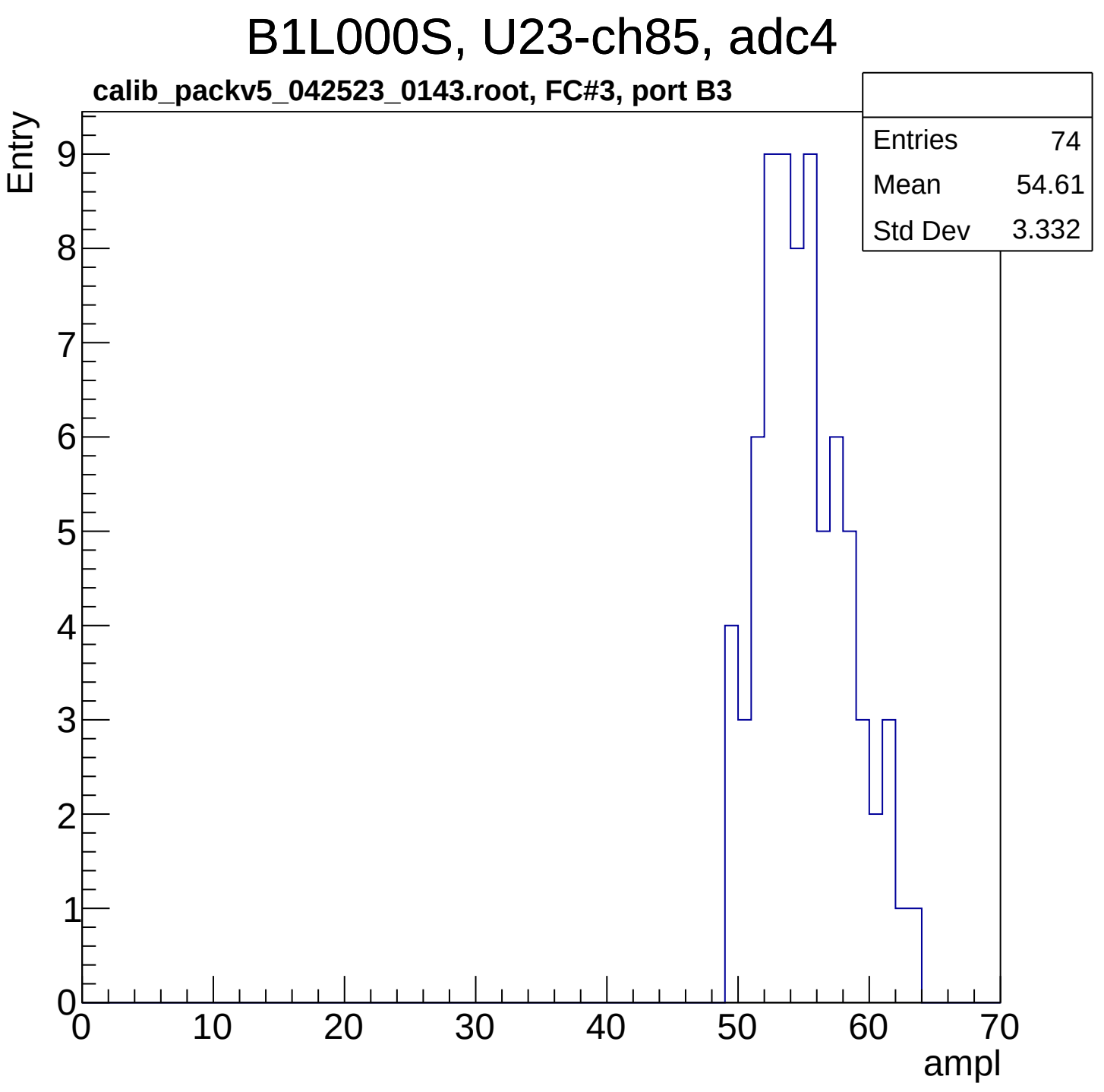
B1L000S, U23-ch85, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 54.61
Std Dev 3.332
Entry
ampl
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2
3
4
5
6
7
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0
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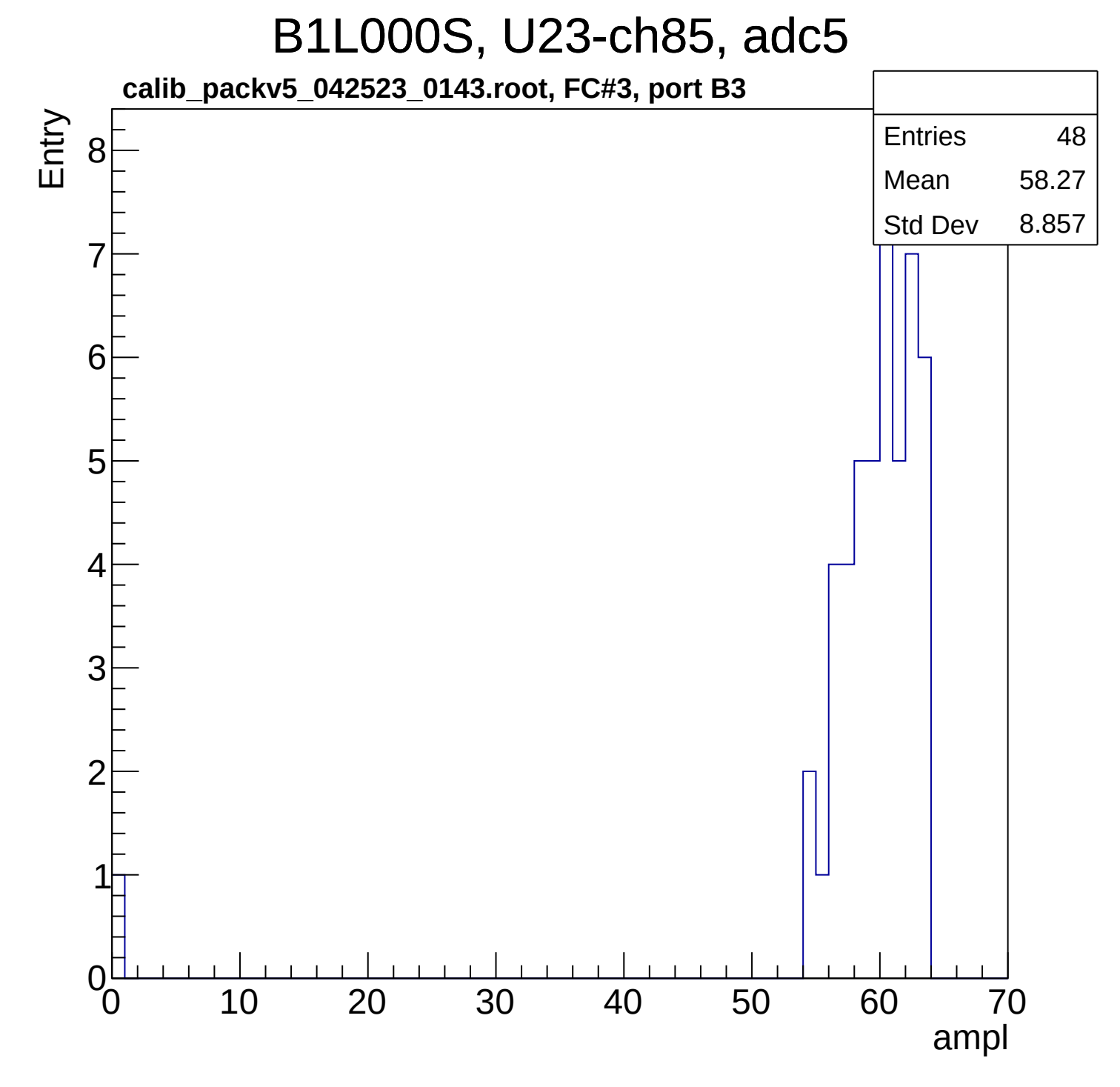
B1L000S, U23-ch85, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.27
Std Dev 8.857
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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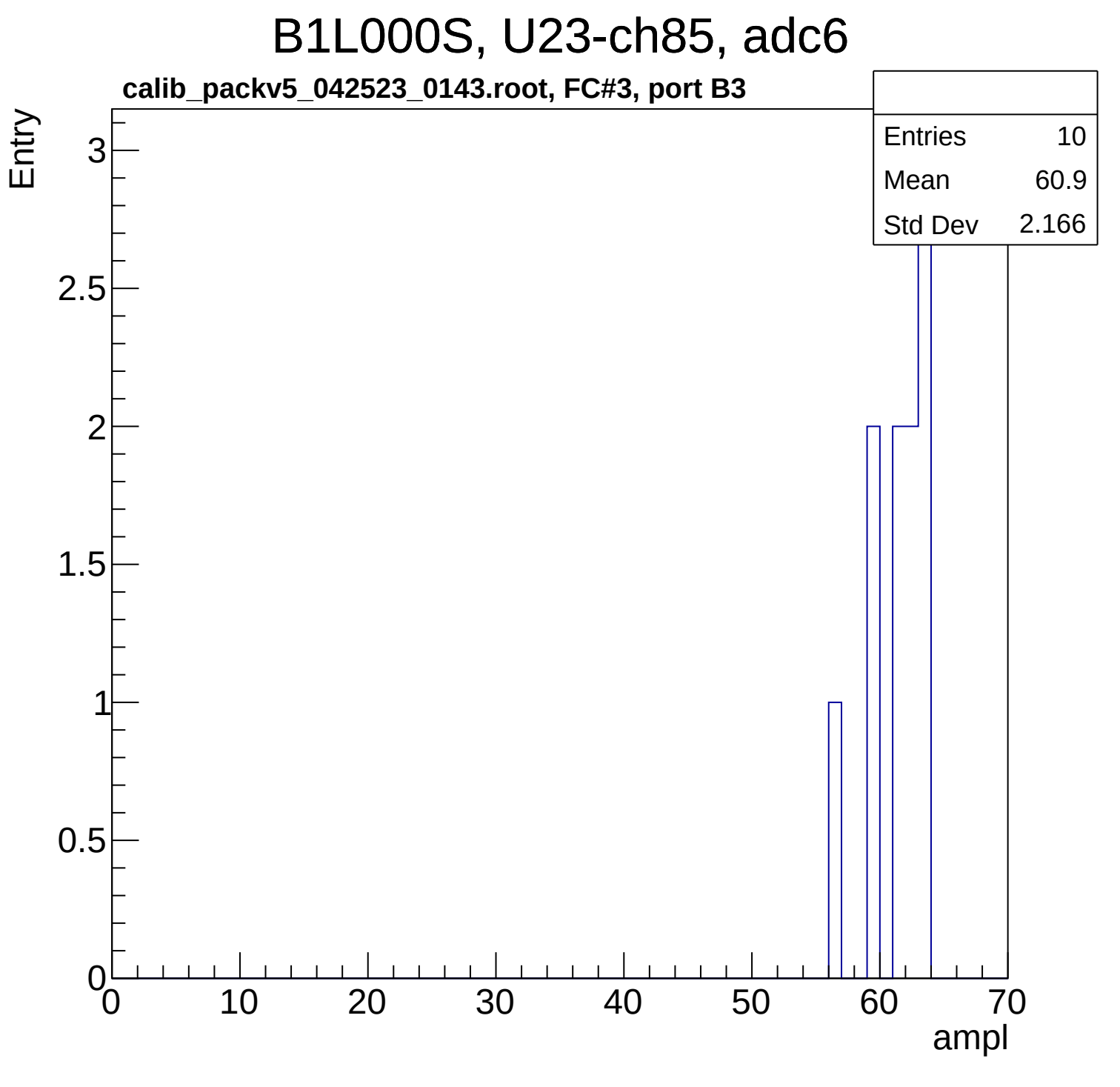
B1L000S, U23-ch85, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 60.9
Std Dev 2.166
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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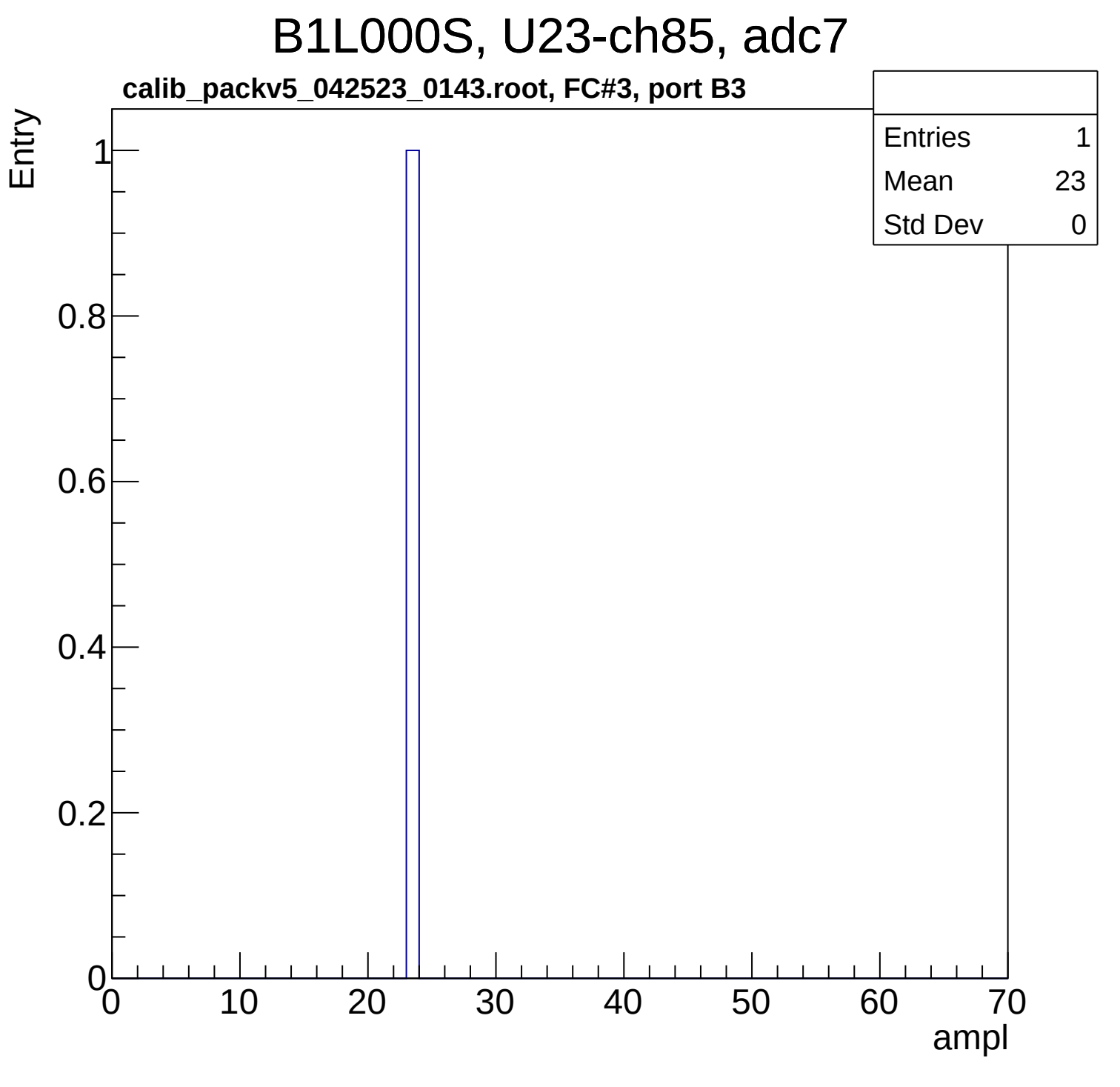
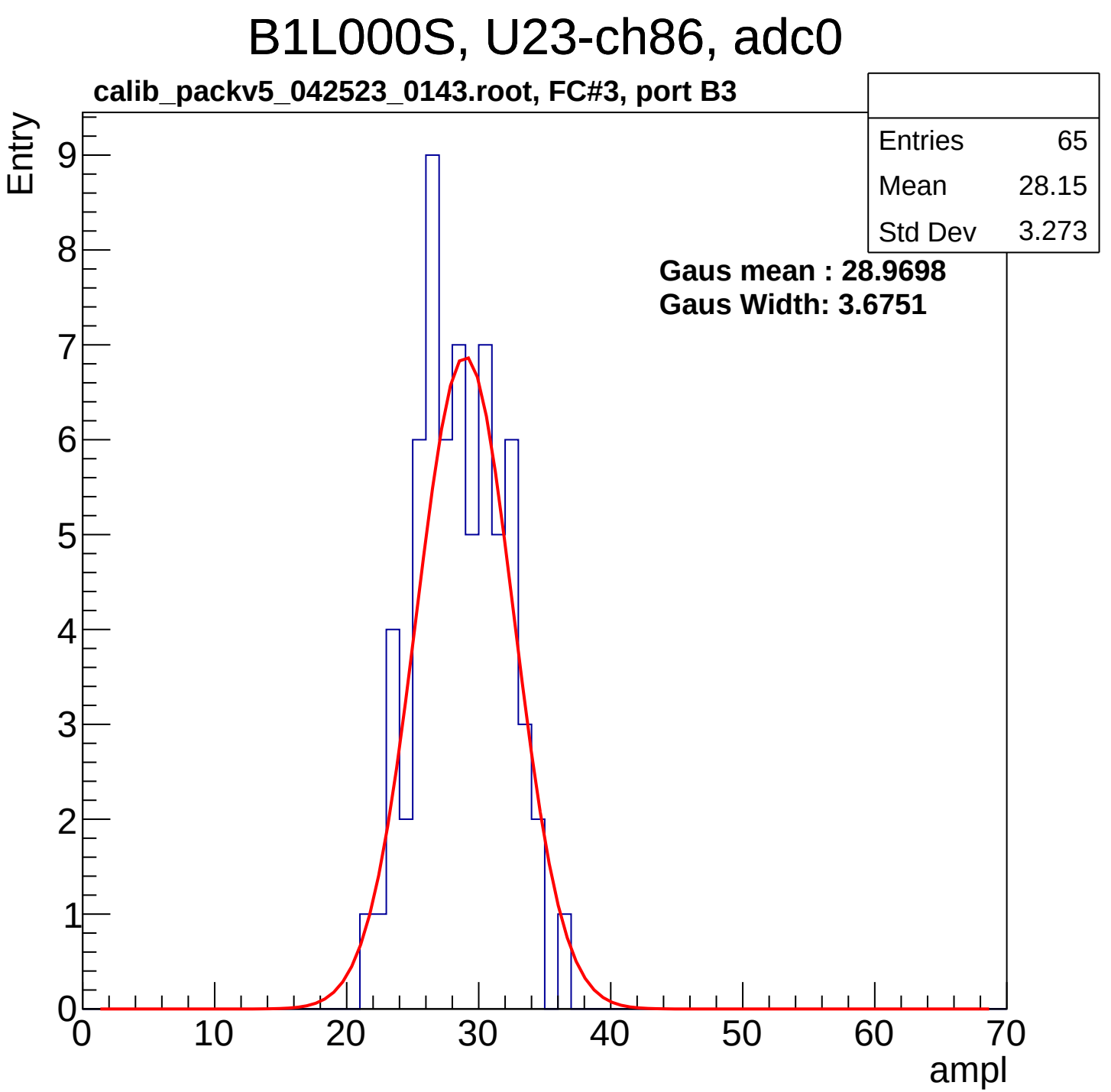
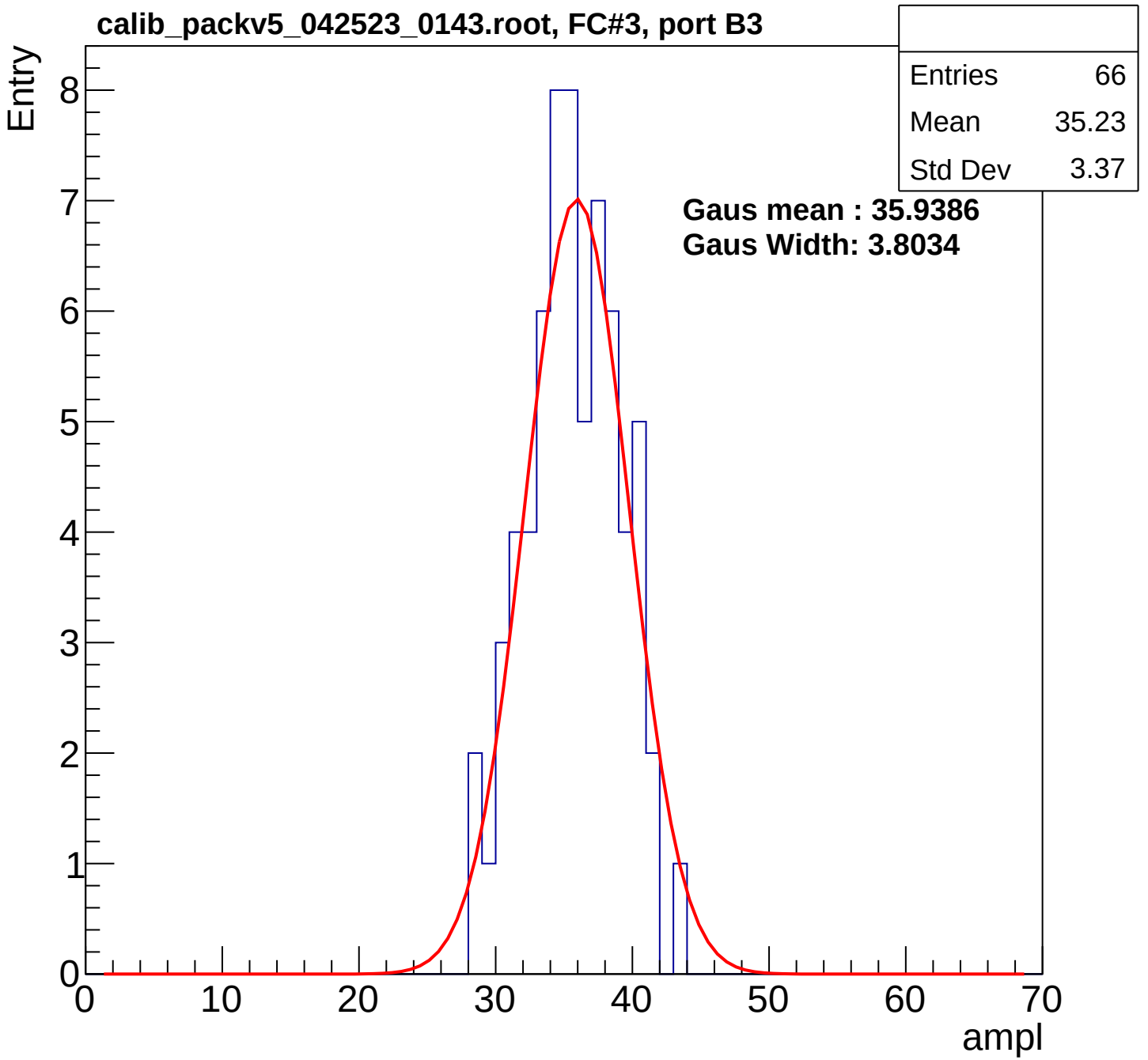

B1L000S, U23-ch85, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch86, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.15
Std Dev 3.273
Gaus mean : 28.9698
Gaus Width: 3.6751
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch86, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.23
Std Dev 3.37
Gaus mean : 35.9386
Gaus Width: 3.8034
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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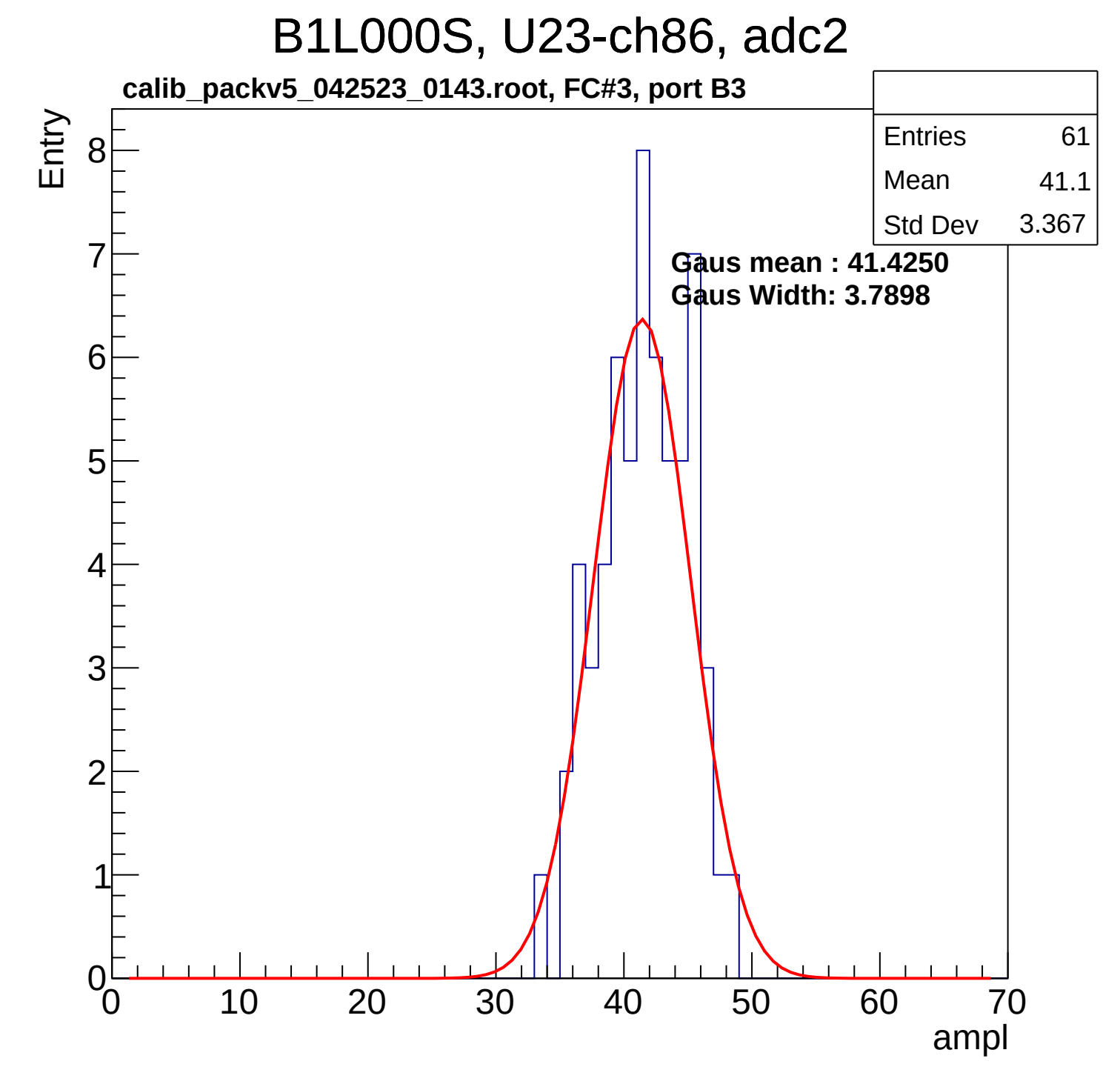
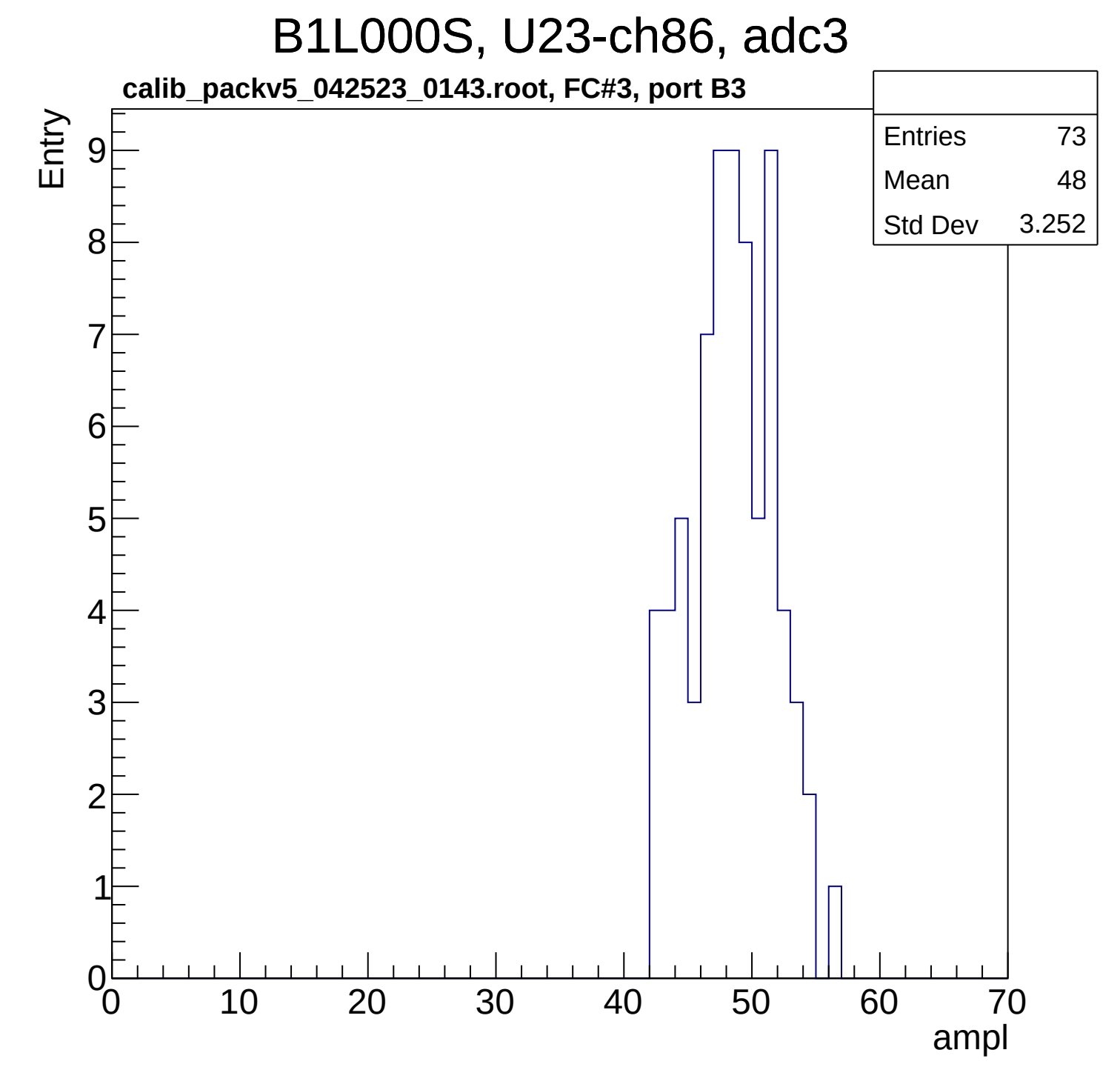
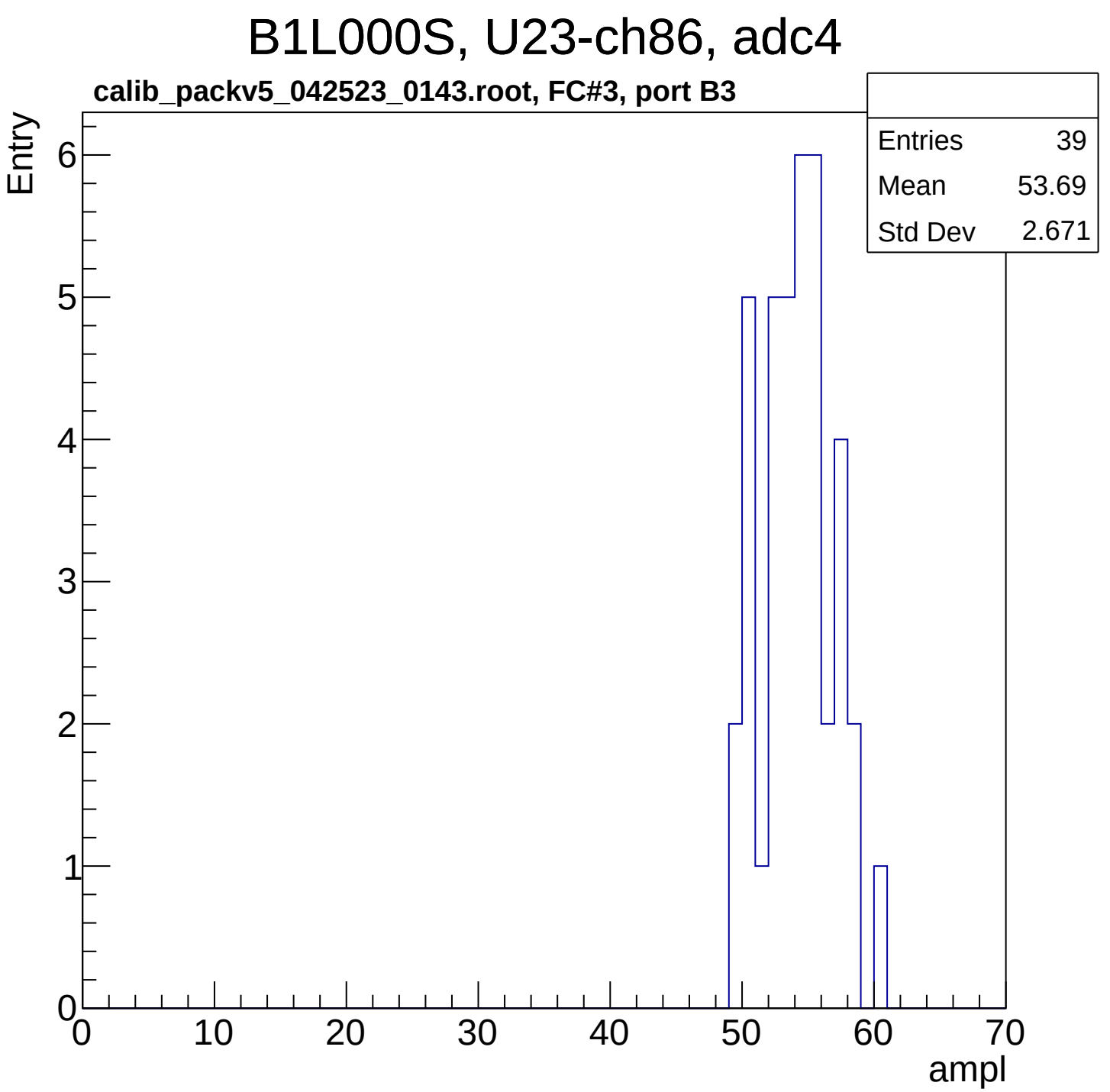
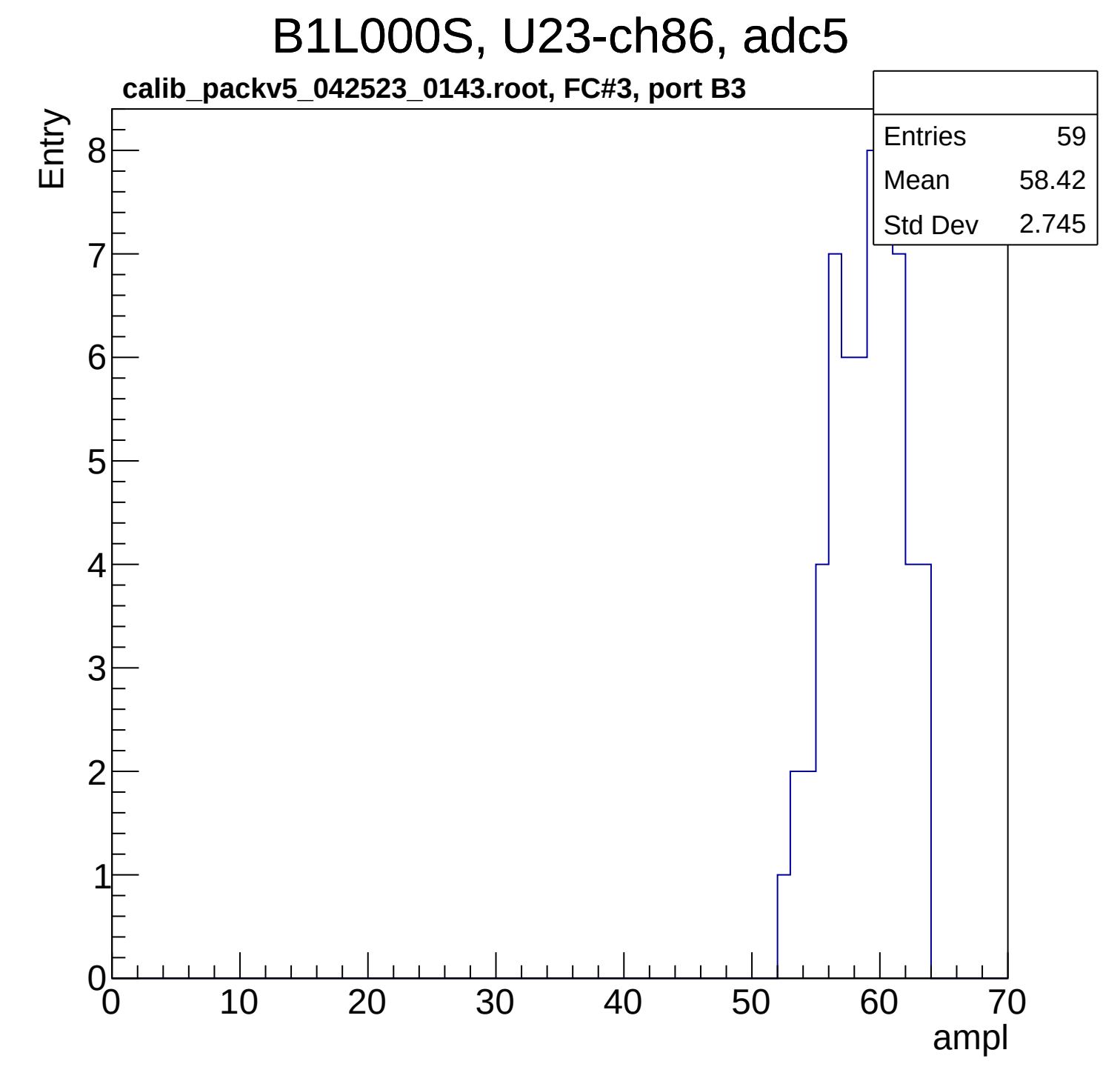

B1L000S, U23-ch86, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.1
Std Dev 3.367
Gaus mean : 41.4250
Gaus Width: 3.7898
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch86, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 48
Std Dev 3.252
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch86, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 53.69
Std Dev 2.671
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch86, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.42
Std Dev 2.745
Entry
ampl
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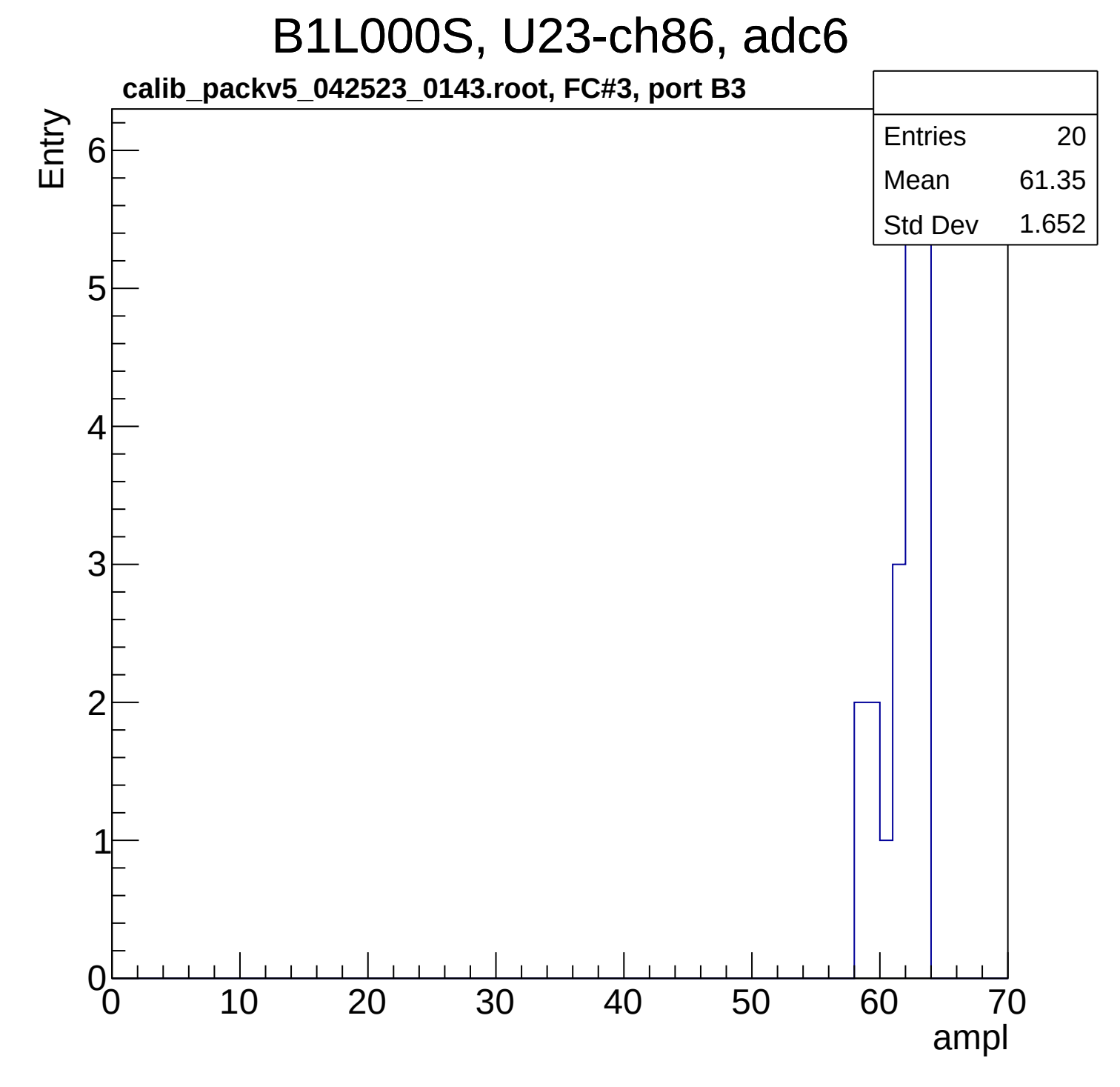
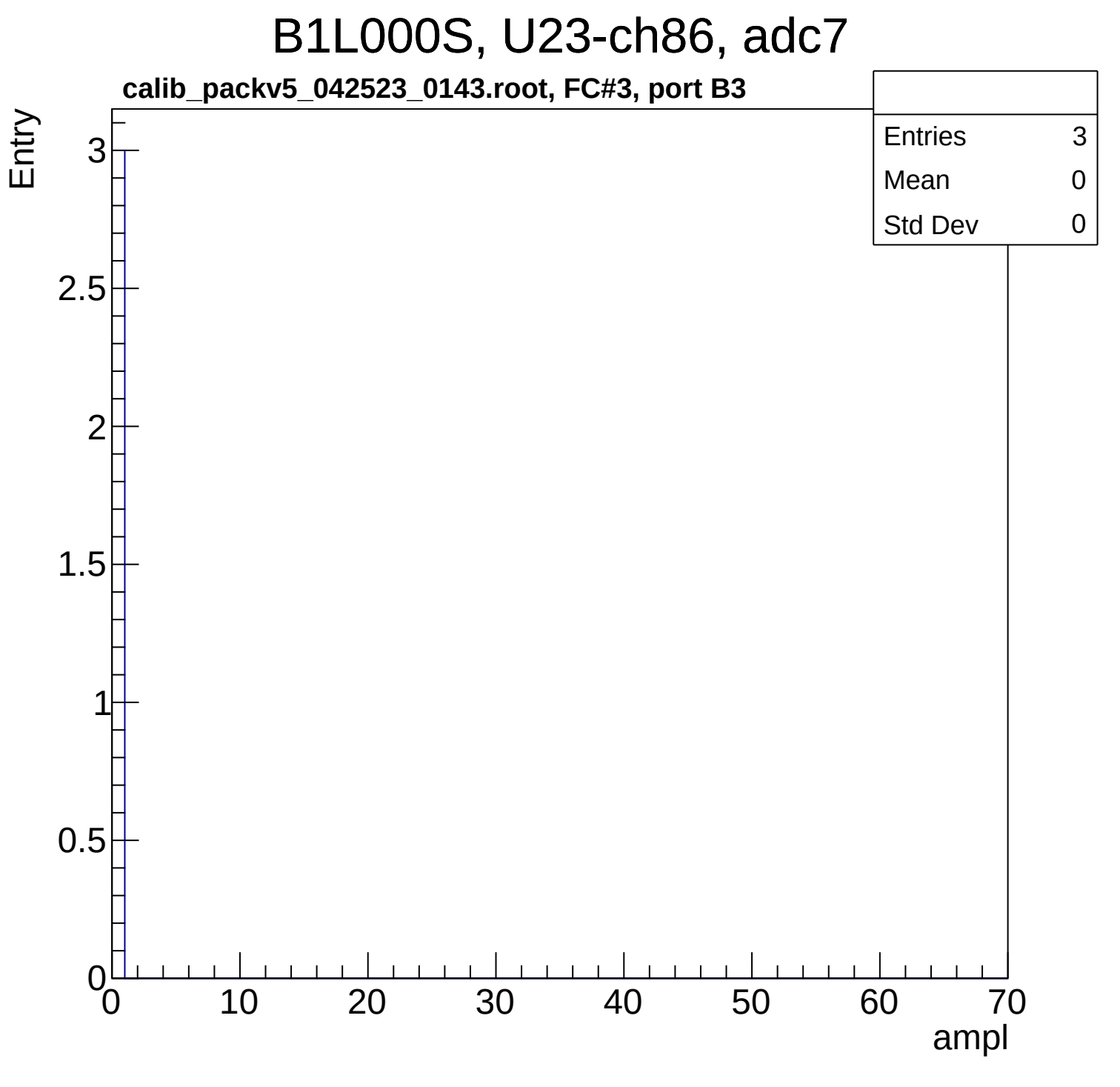
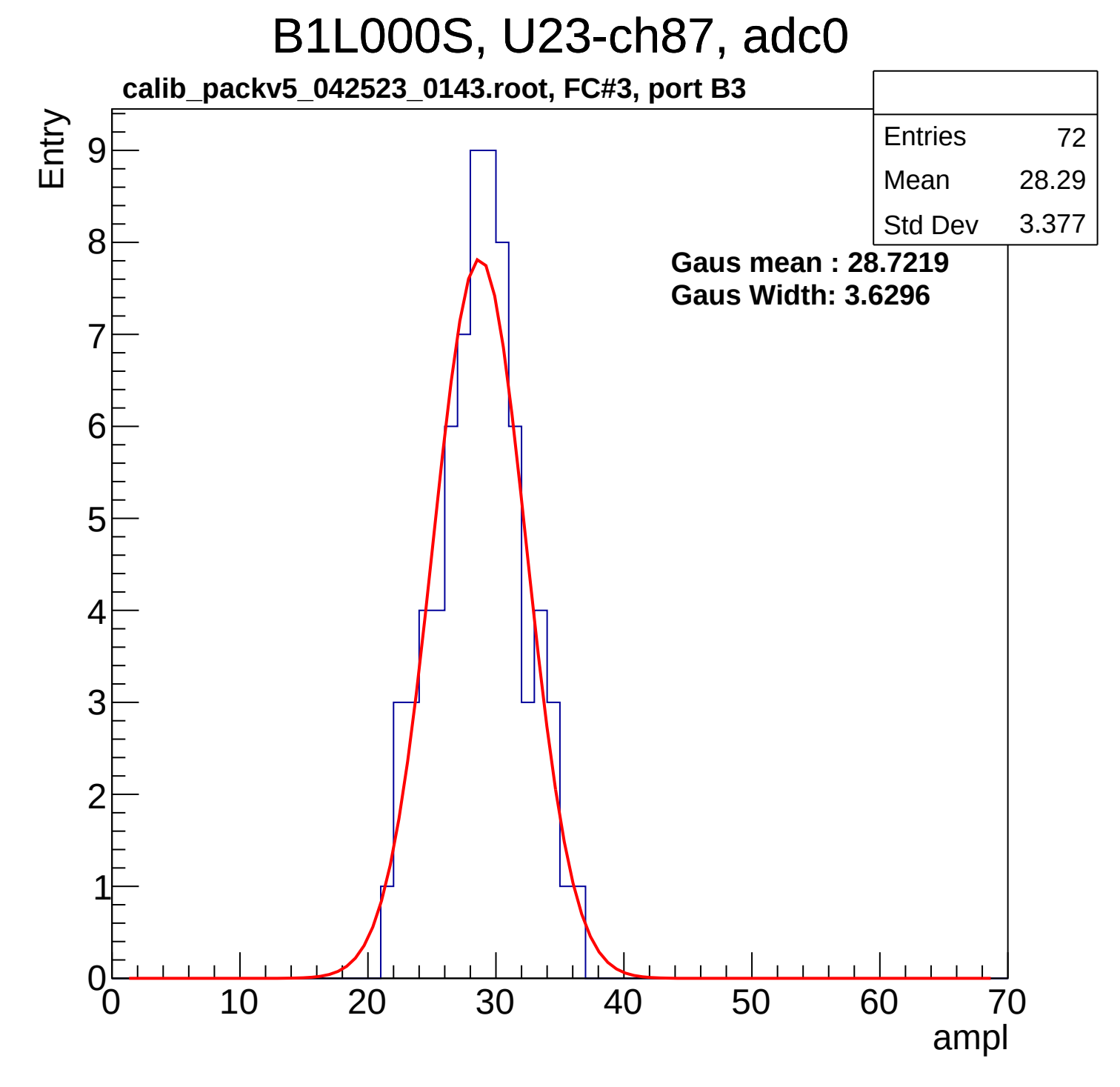
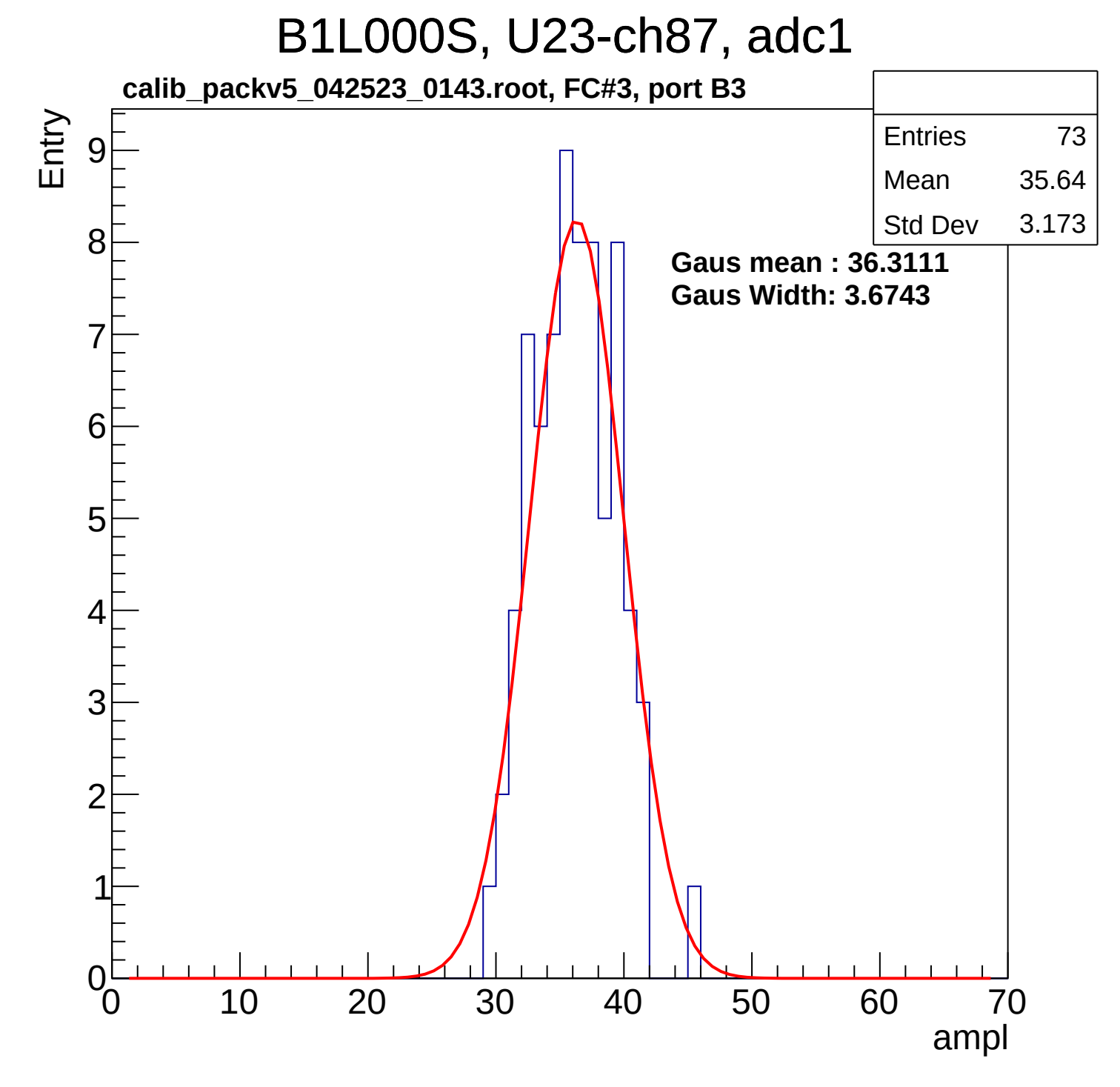
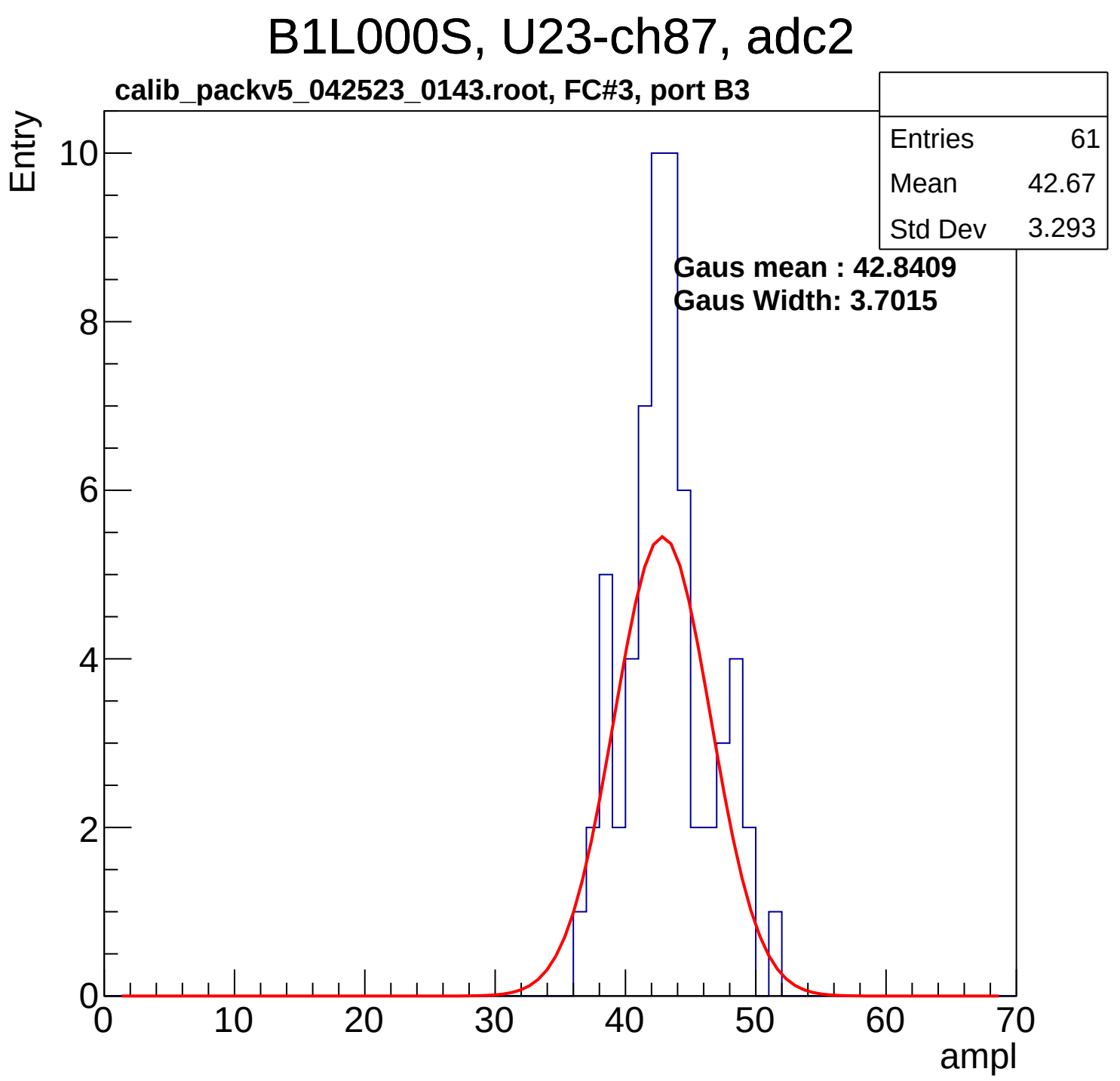
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

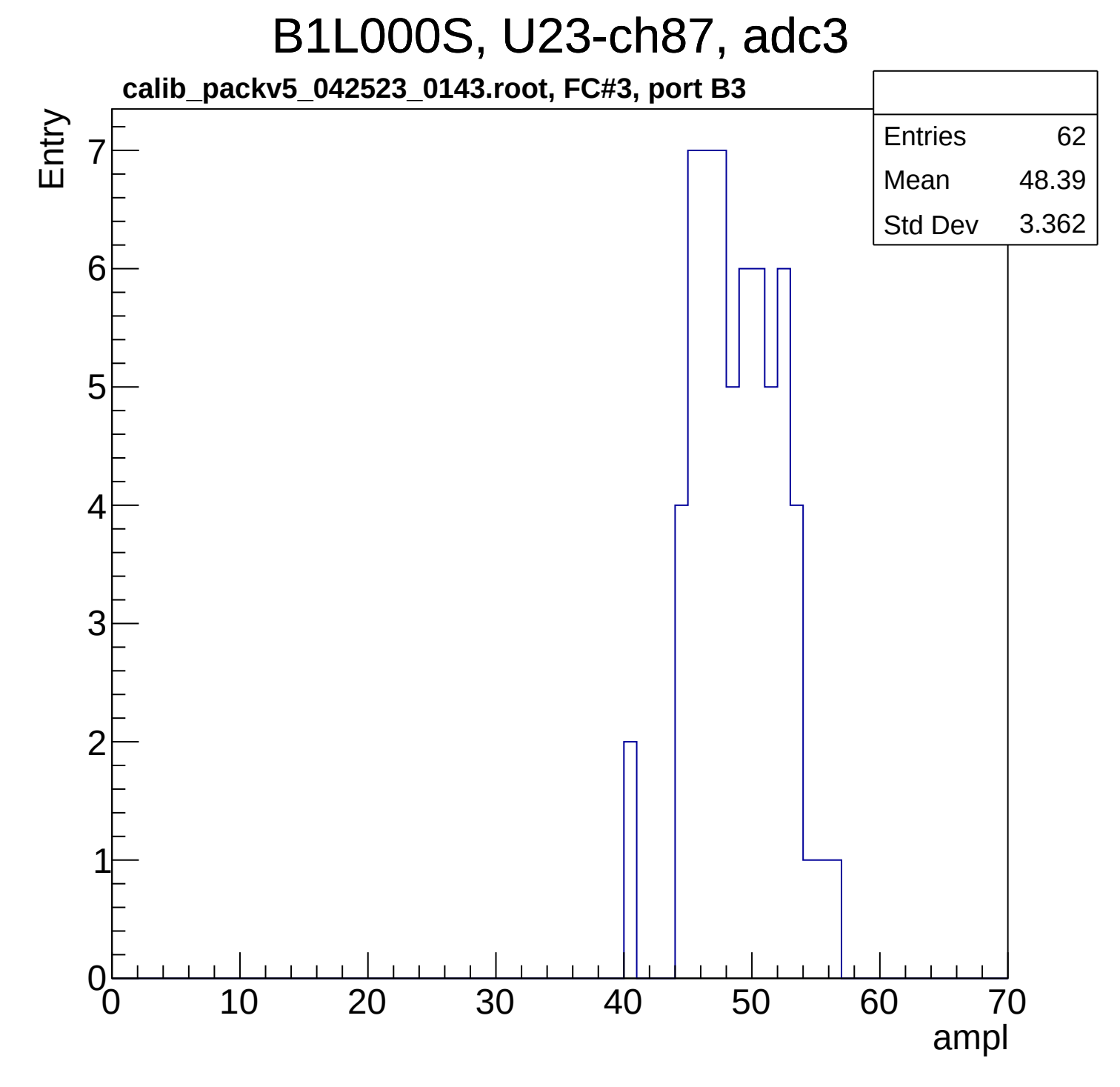

B1L000S, U23-ch86, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.35
Std Dev 1.652
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch86, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch87, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.29
Std Dev 3.377
Gaus mean : 28.7219
Gaus Width: 3.6296
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch87, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 35.64
Std Dev 3.173
Gaus mean : 36.3111
Gaus Width: 3.6743
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch87, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.67
Std Dev 3.293
Gaus mean : 42.8409
Gaus Width: 3.7015
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch87, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.39
Std Dev 3.362
Entry
ampl
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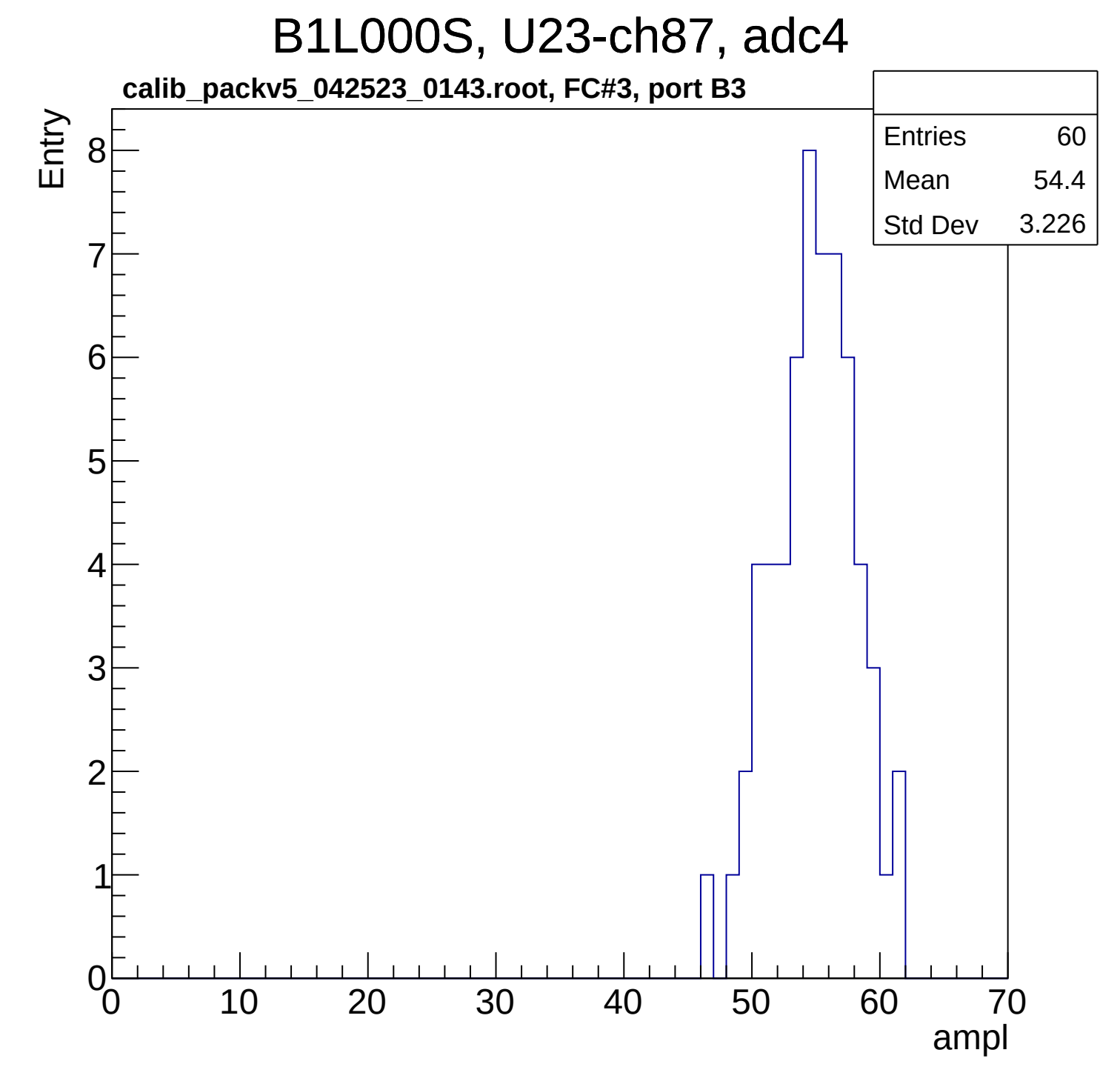
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch87, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.4
Std Dev 3.226
Entry
ampl
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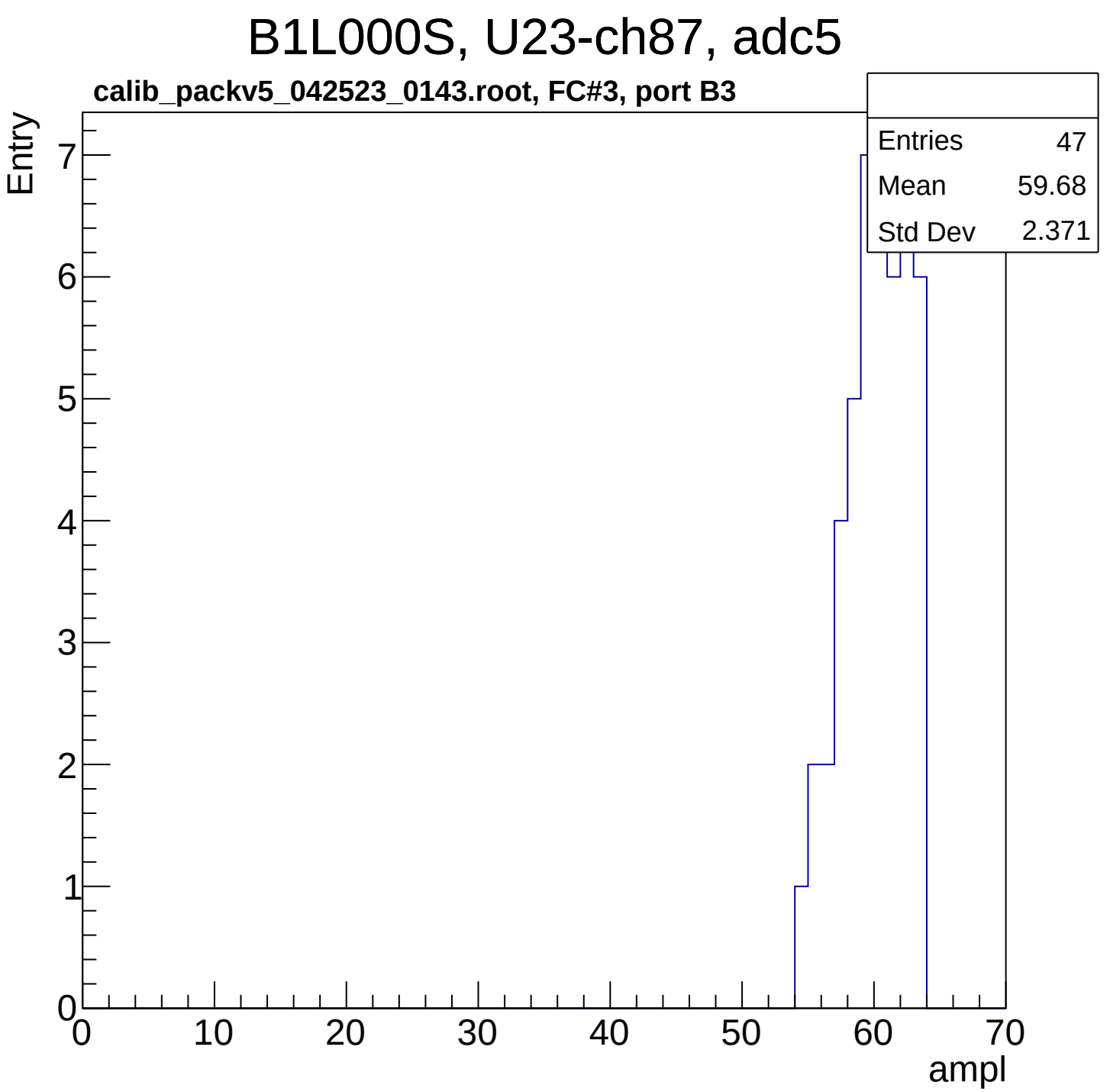
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch87, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.68
Std Dev 2.371
Entry
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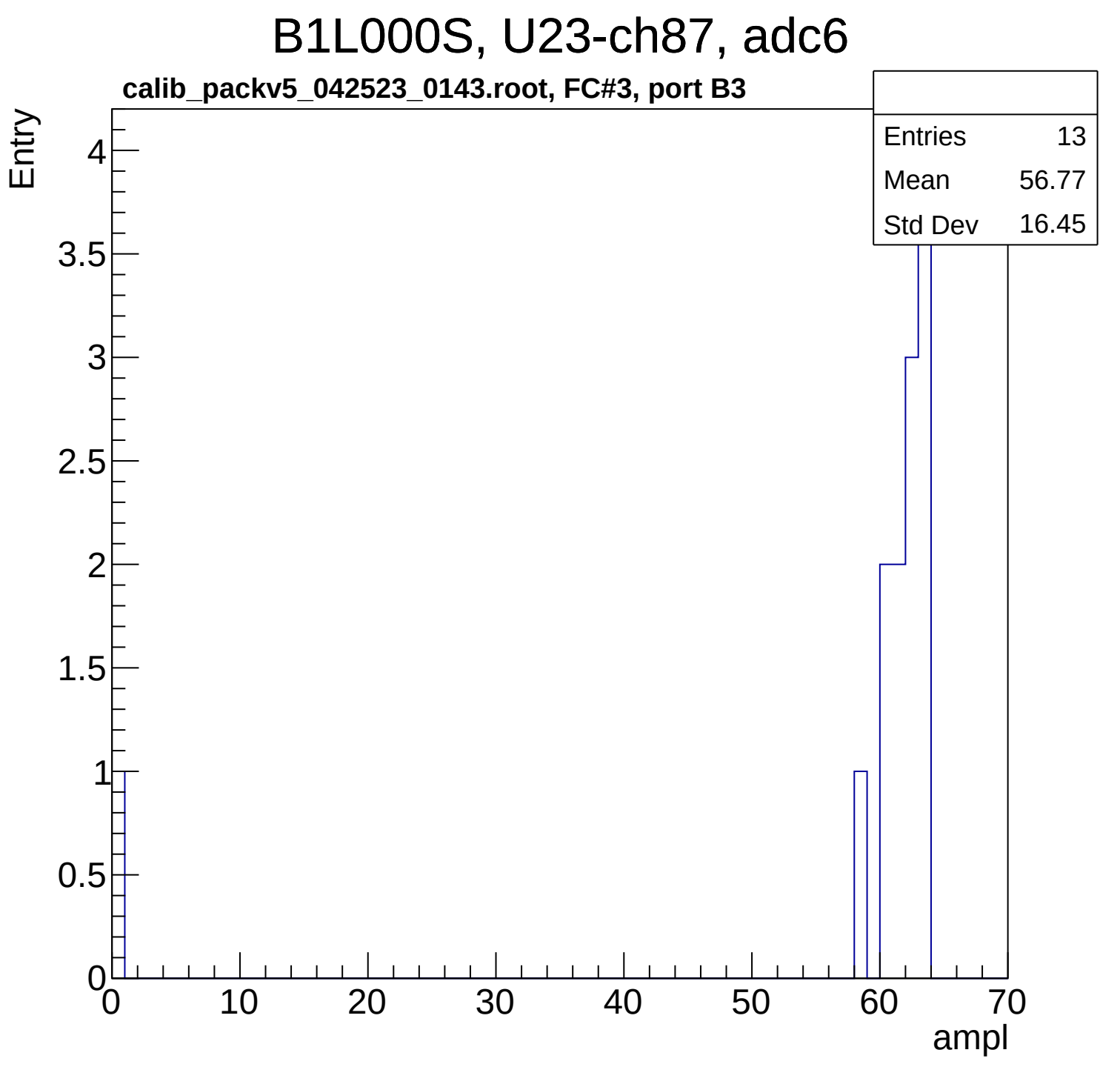
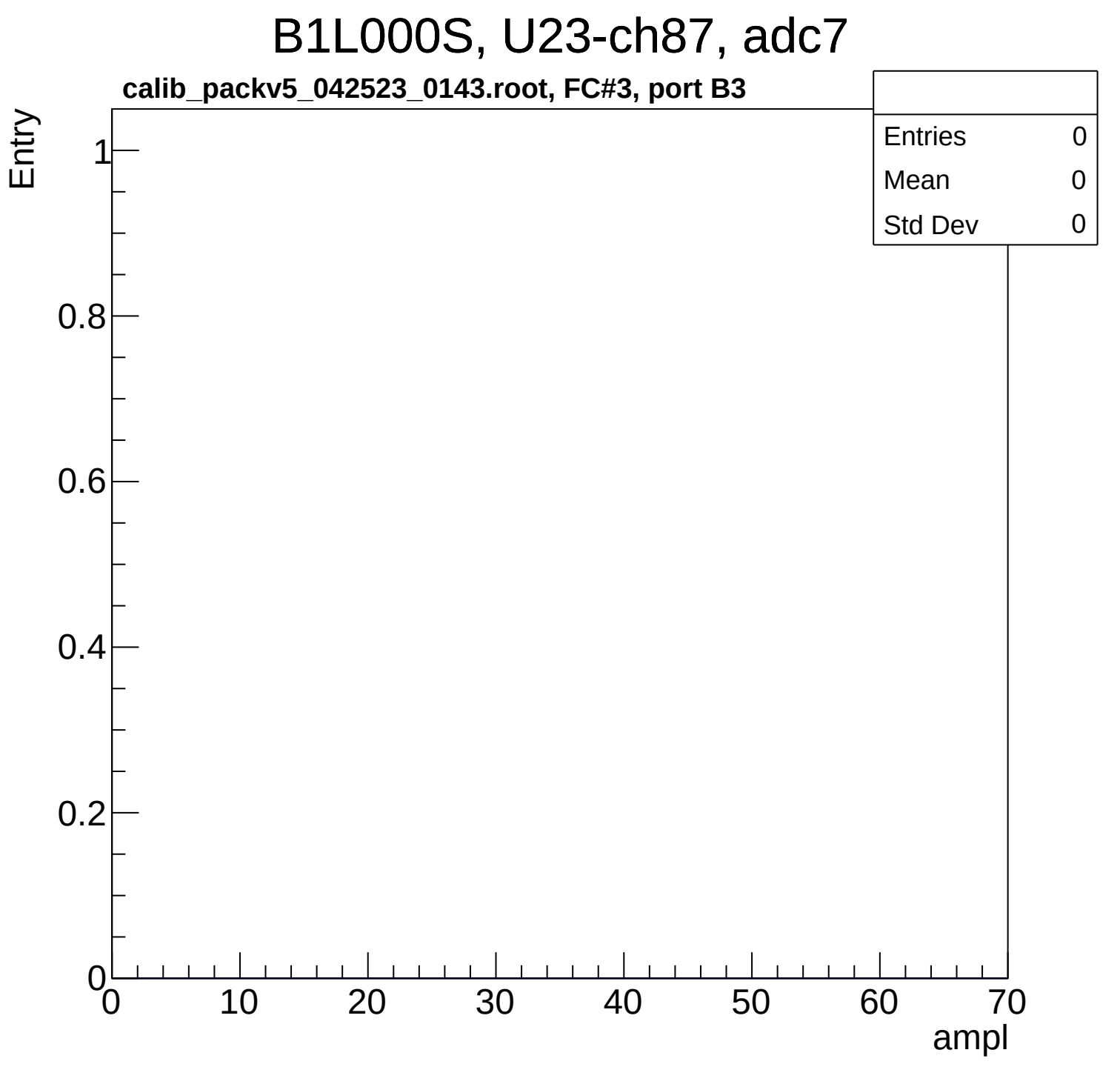
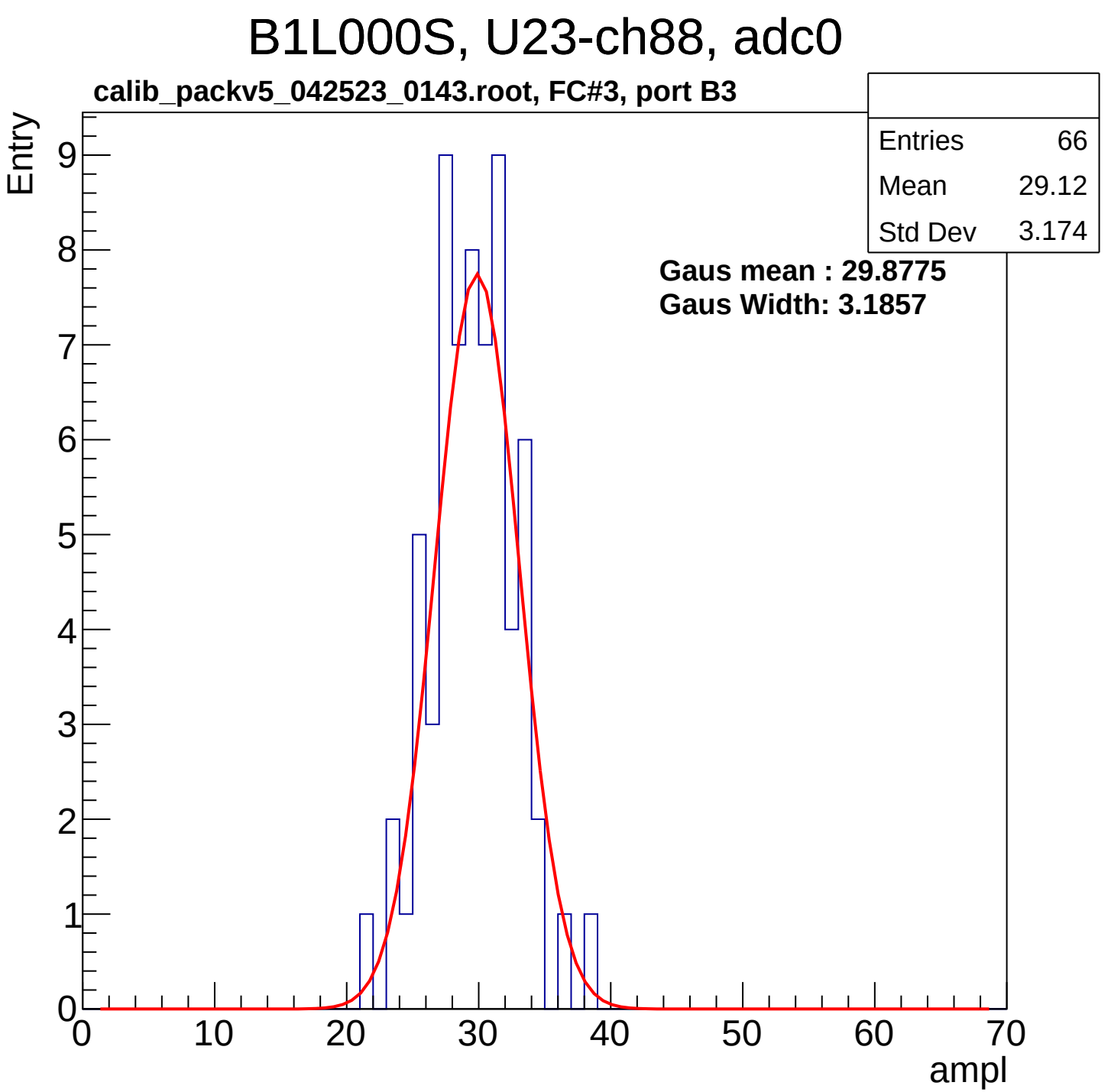
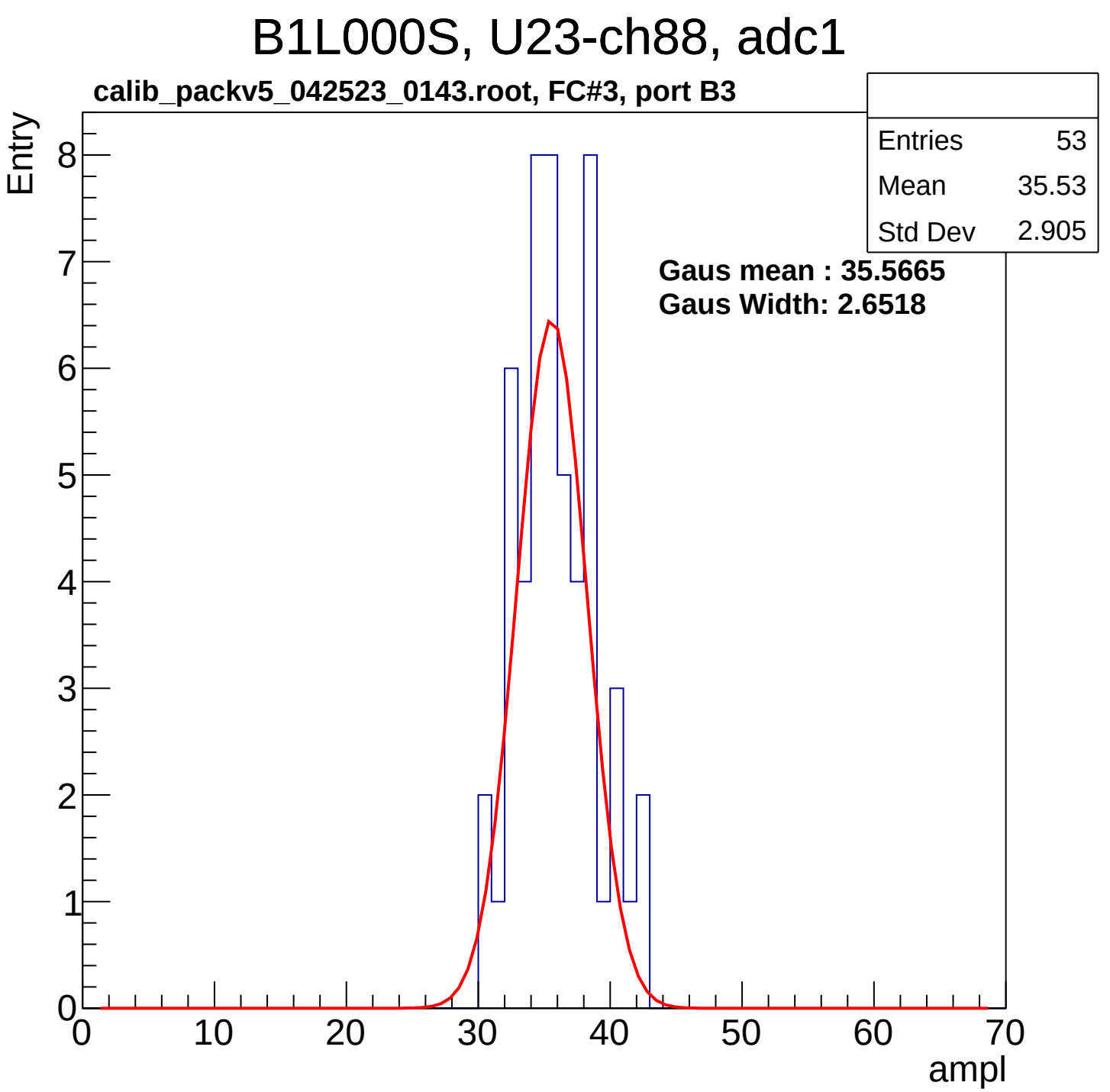
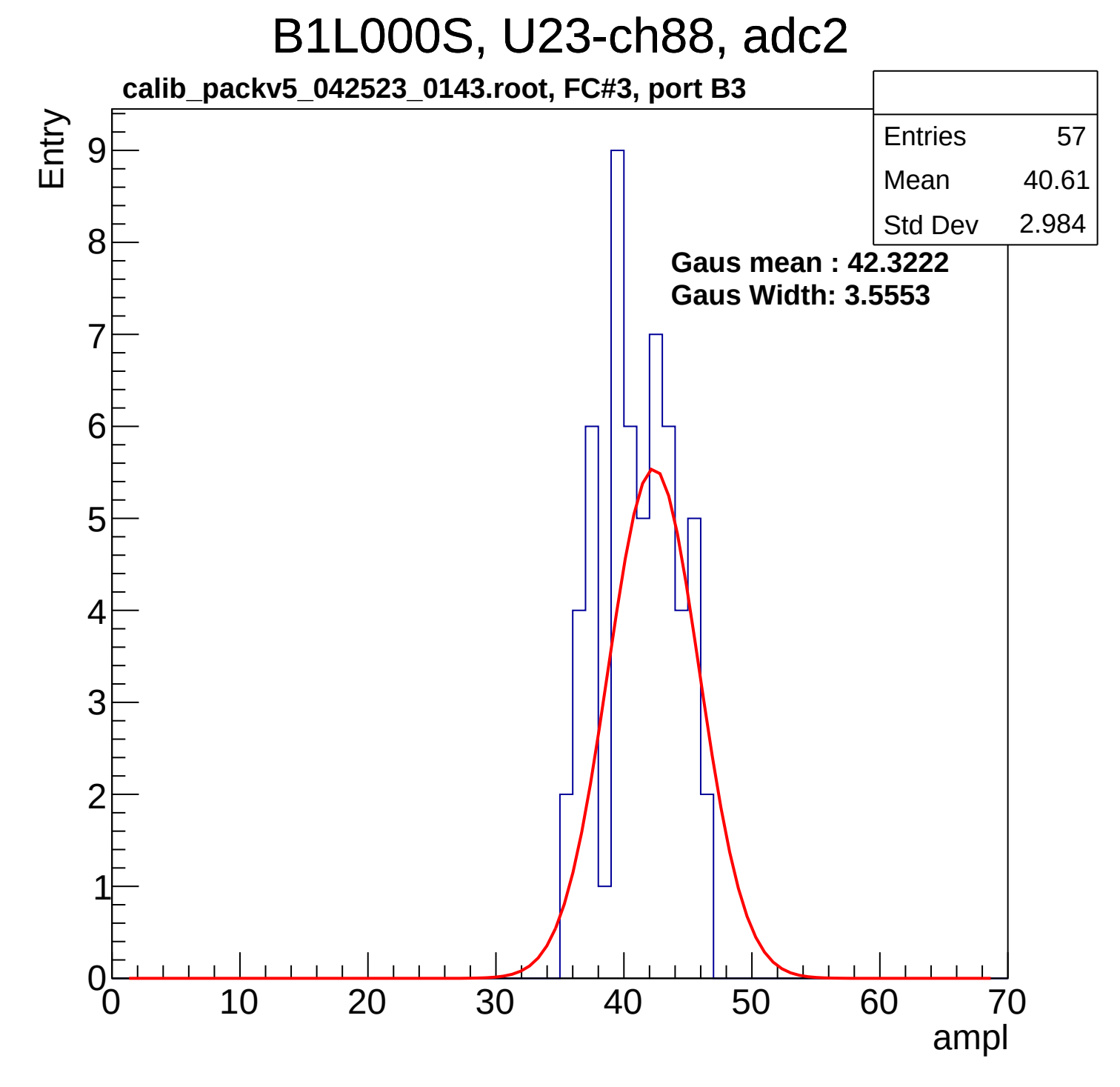
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

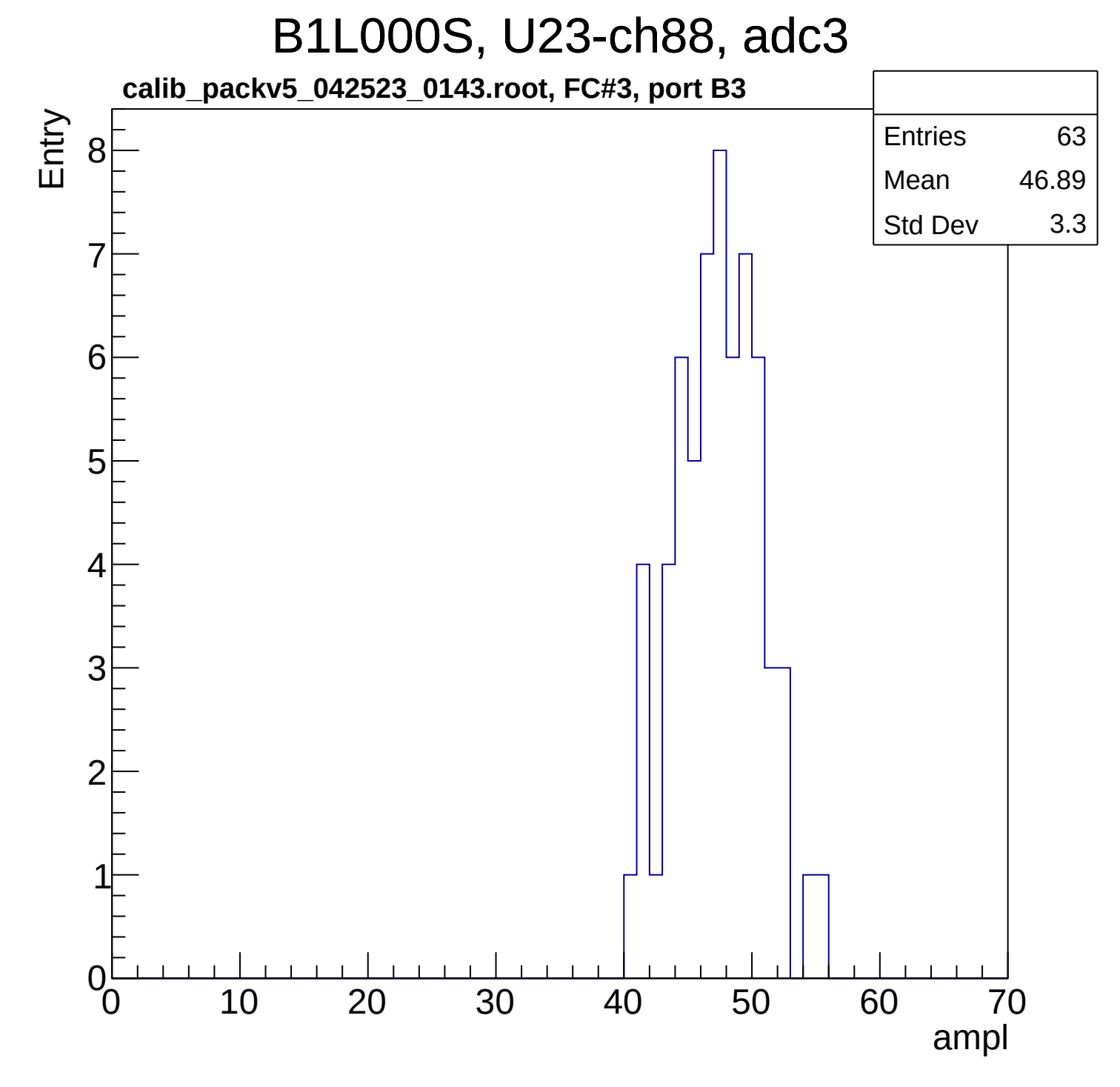

B1L000S, U23-ch87, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 56.77
Std Dev 16.45
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch87, 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, U23-ch88, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.12
Std Dev 3.174
Gaus mean : 29.8775
Gaus Width: 3.1857
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch88, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 35.53
Std Dev 2.905
Gaus mean : 35.5665
Gaus Width: 2.6518
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch88, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 40.61
Std Dev 2.984
Gaus mean : 42.3222
Gaus Width: 3.5553
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch88, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 46.89
Std Dev 3.3
Entry
ampl
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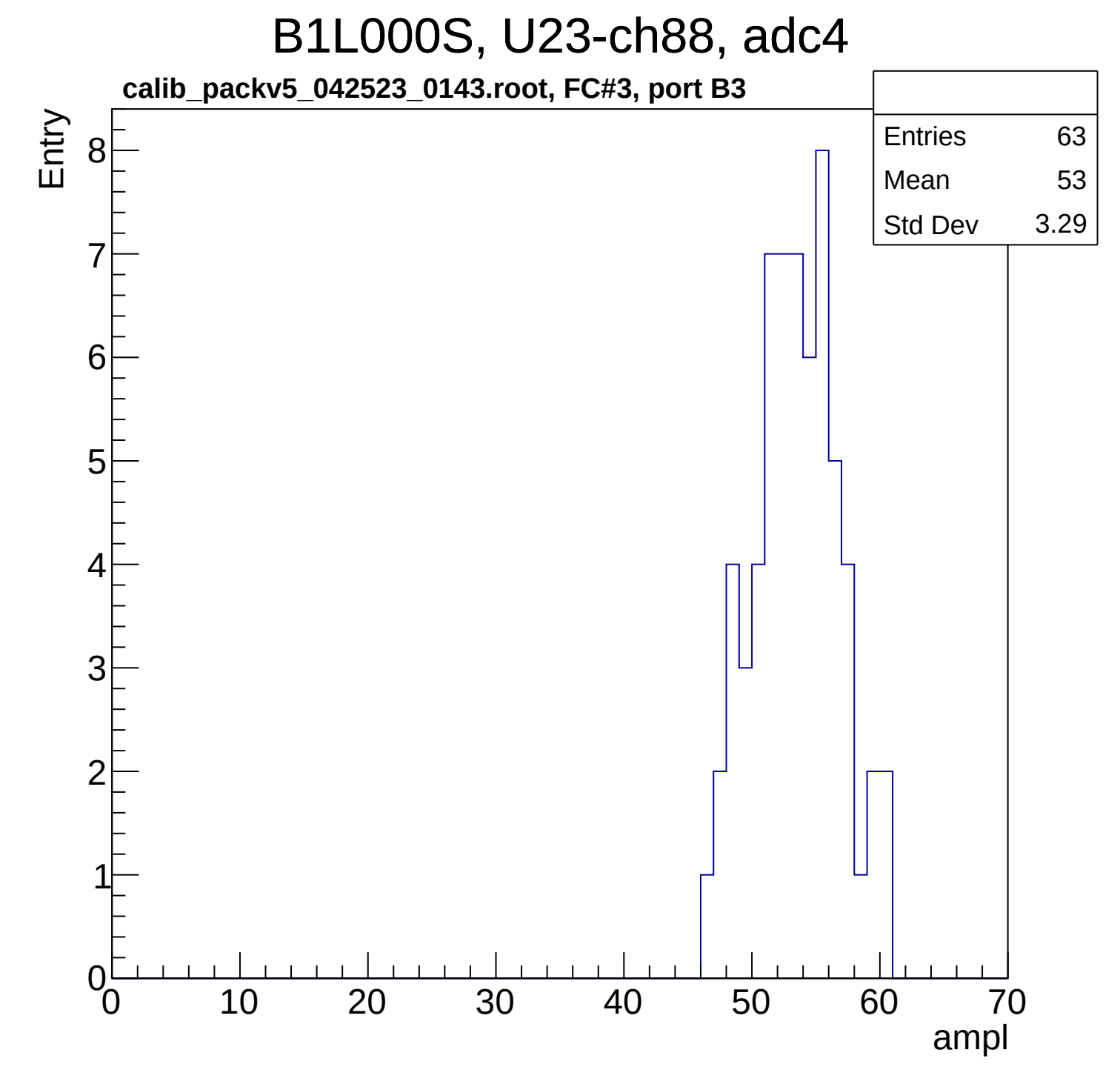
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch88, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 53
Std Dev 3.29
Entry
0
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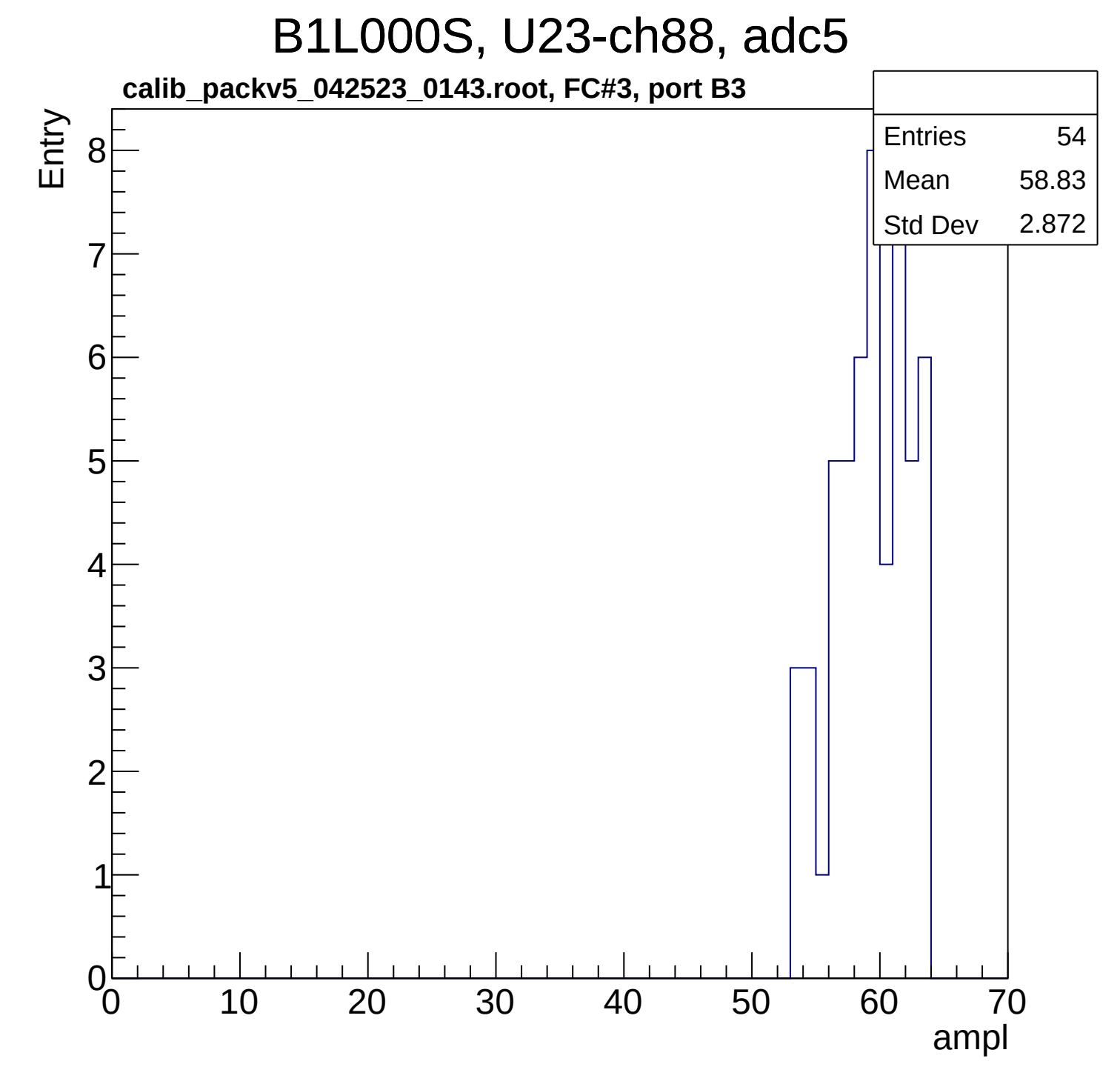
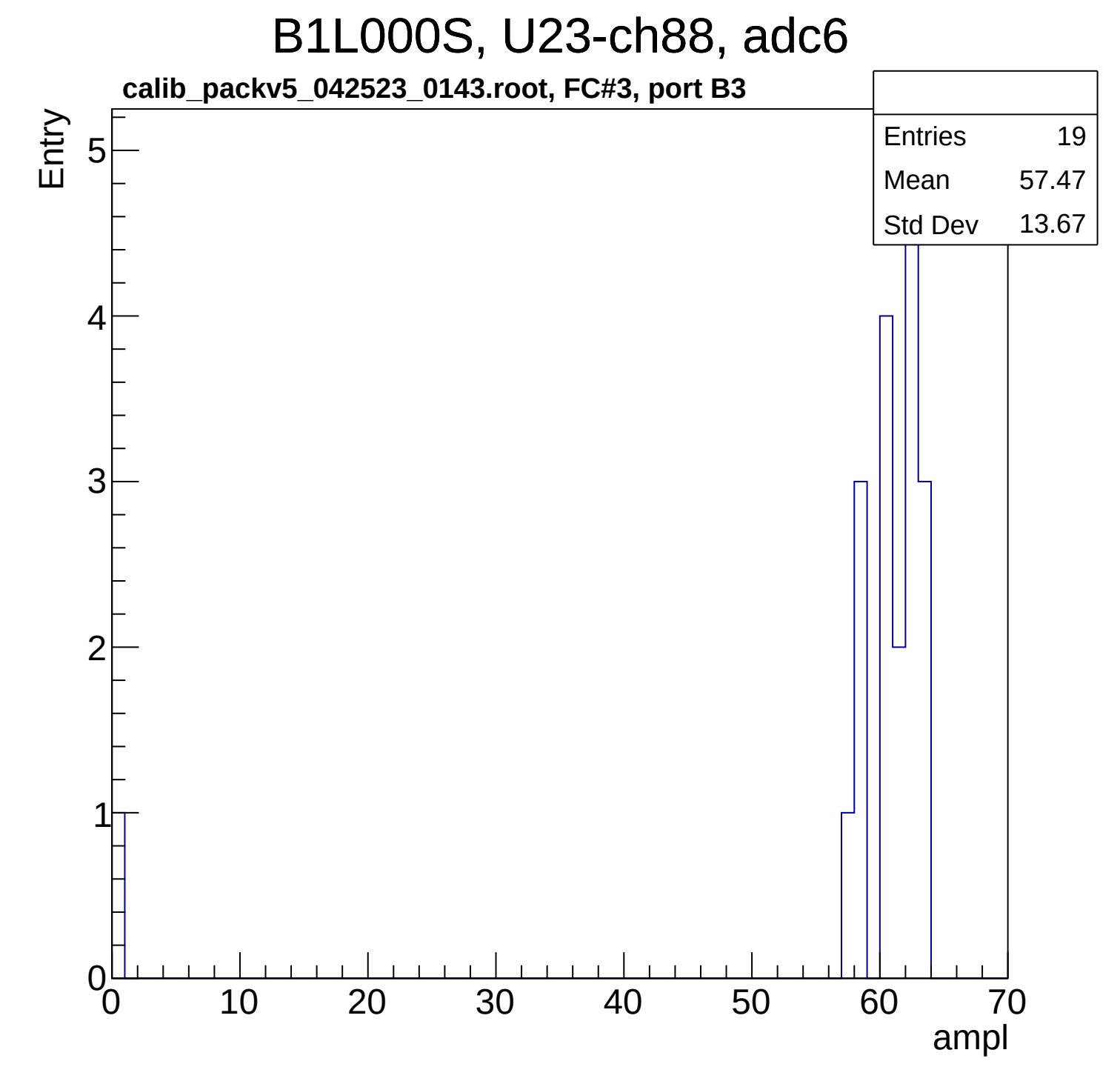
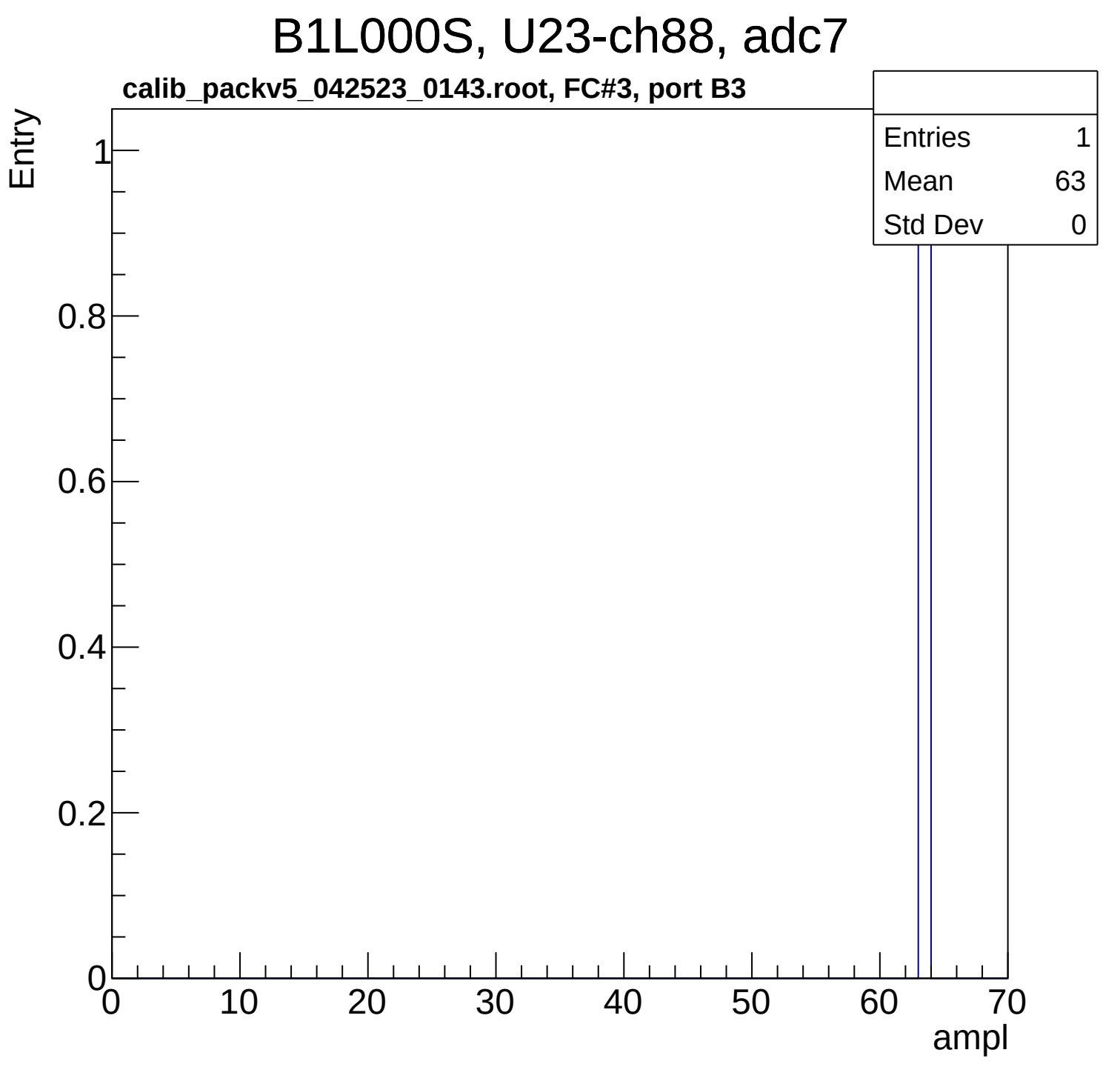
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch88, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.83
Std Dev 2.872
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch88, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 57.47
Std Dev 13.67
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch88, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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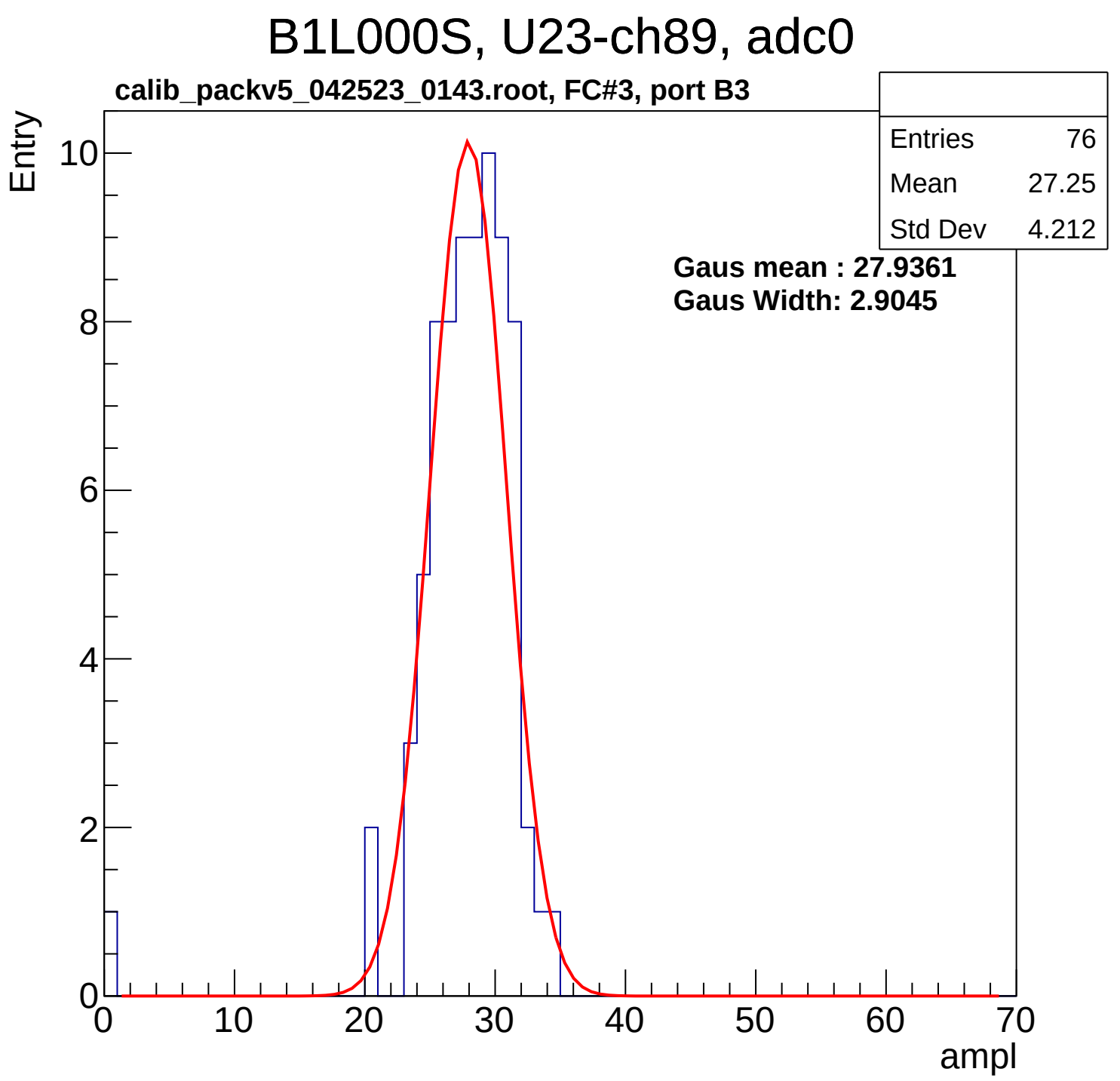
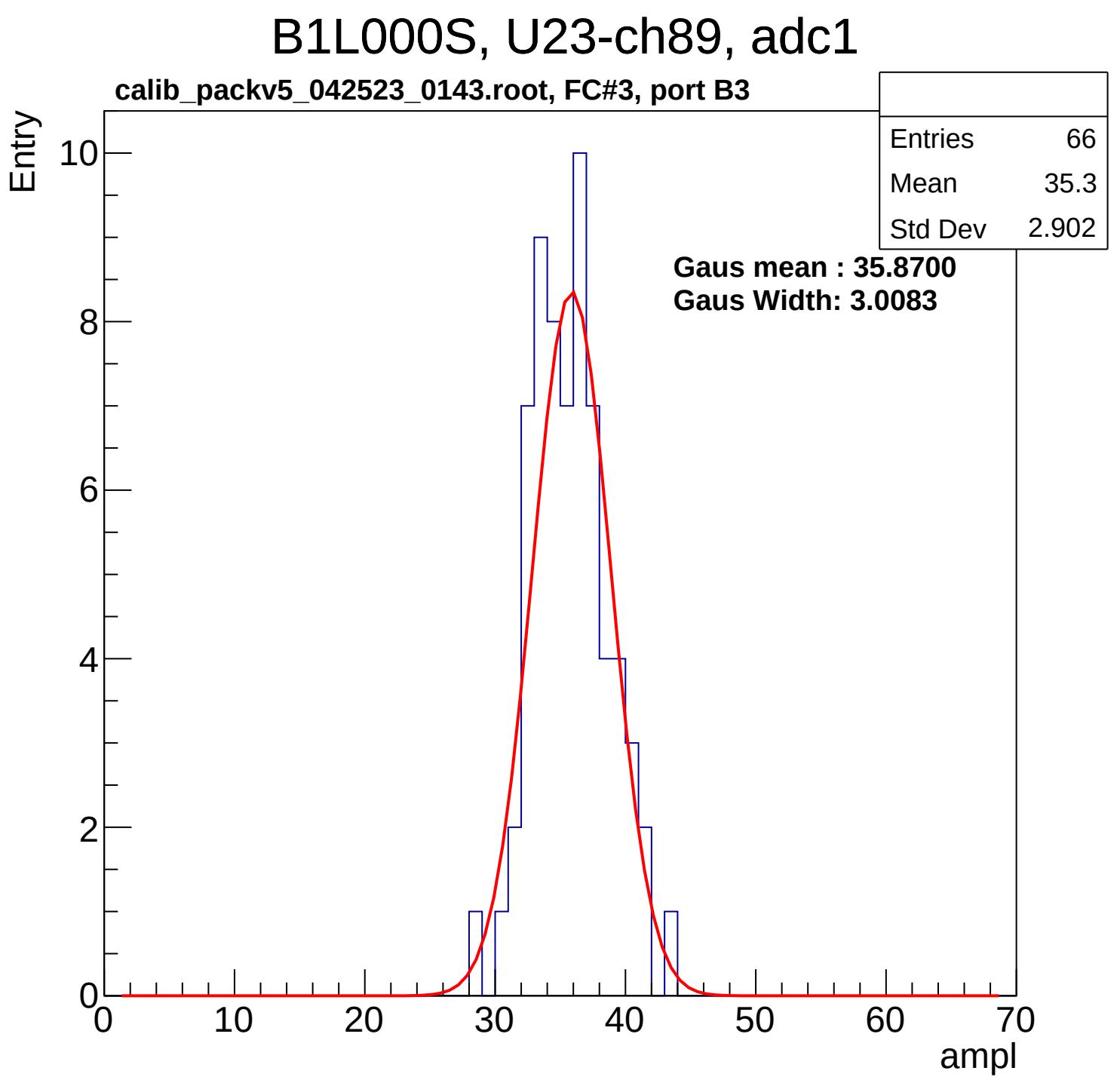
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch89, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 27.25
Std Dev 4.212
Gaus mean : 27.9361
Gaus Width: 2.9045
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch89, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.3
Std Dev 2.902
Gaus mean : 35.8700
Gaus Width: 3.0083
Entry
ampl
0
2
4
6
8
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0
10
20
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40
50
60
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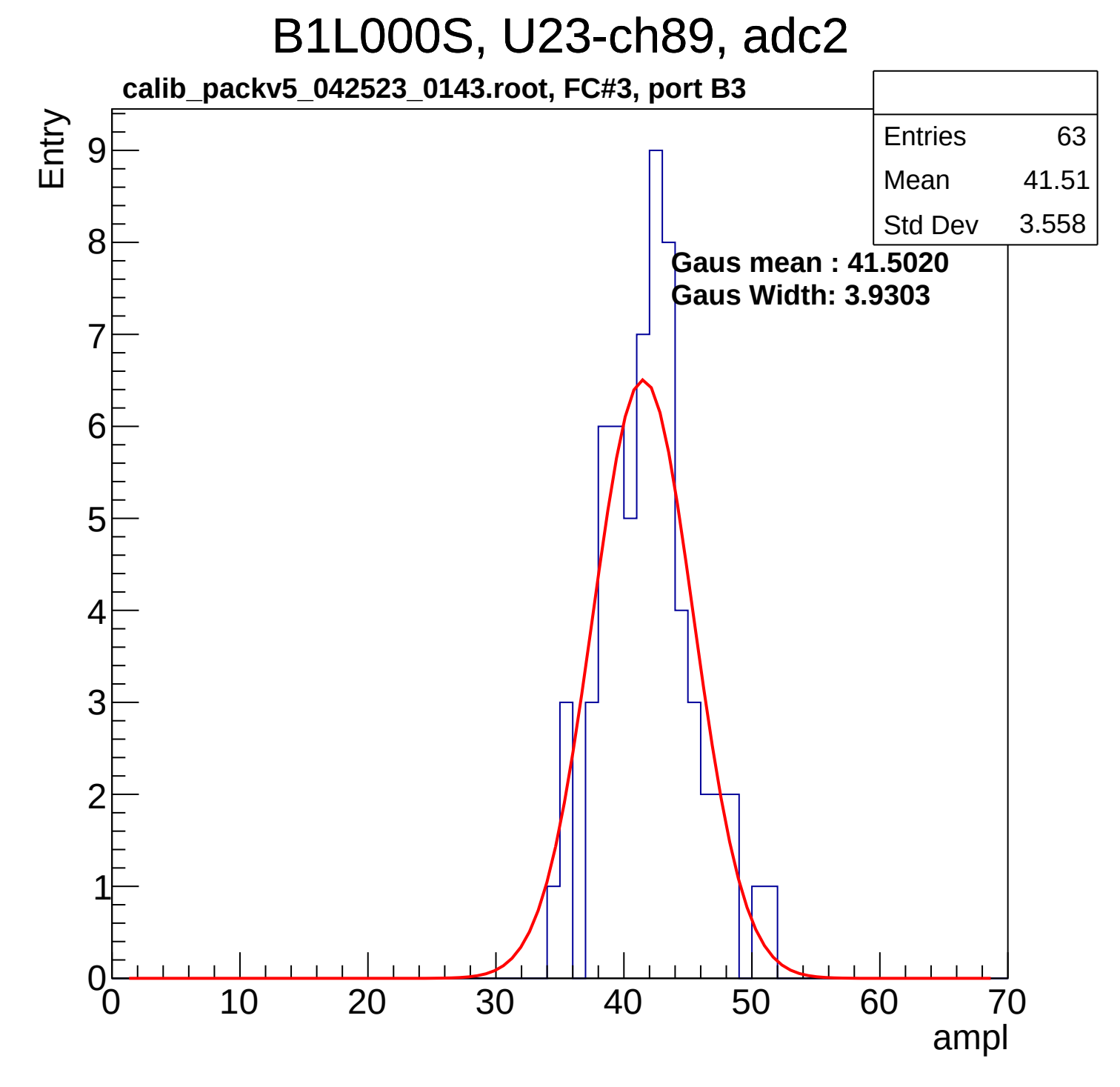
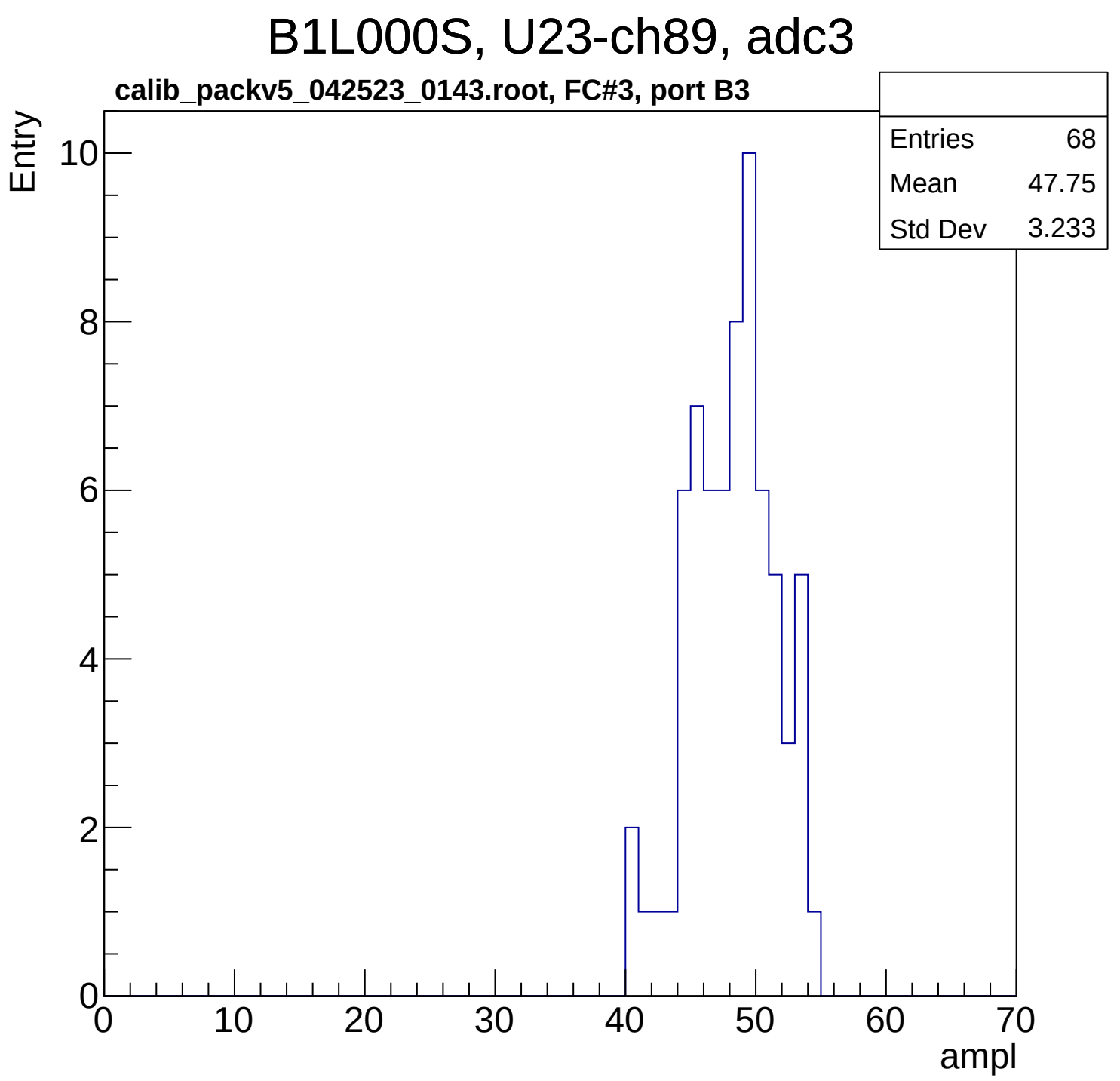
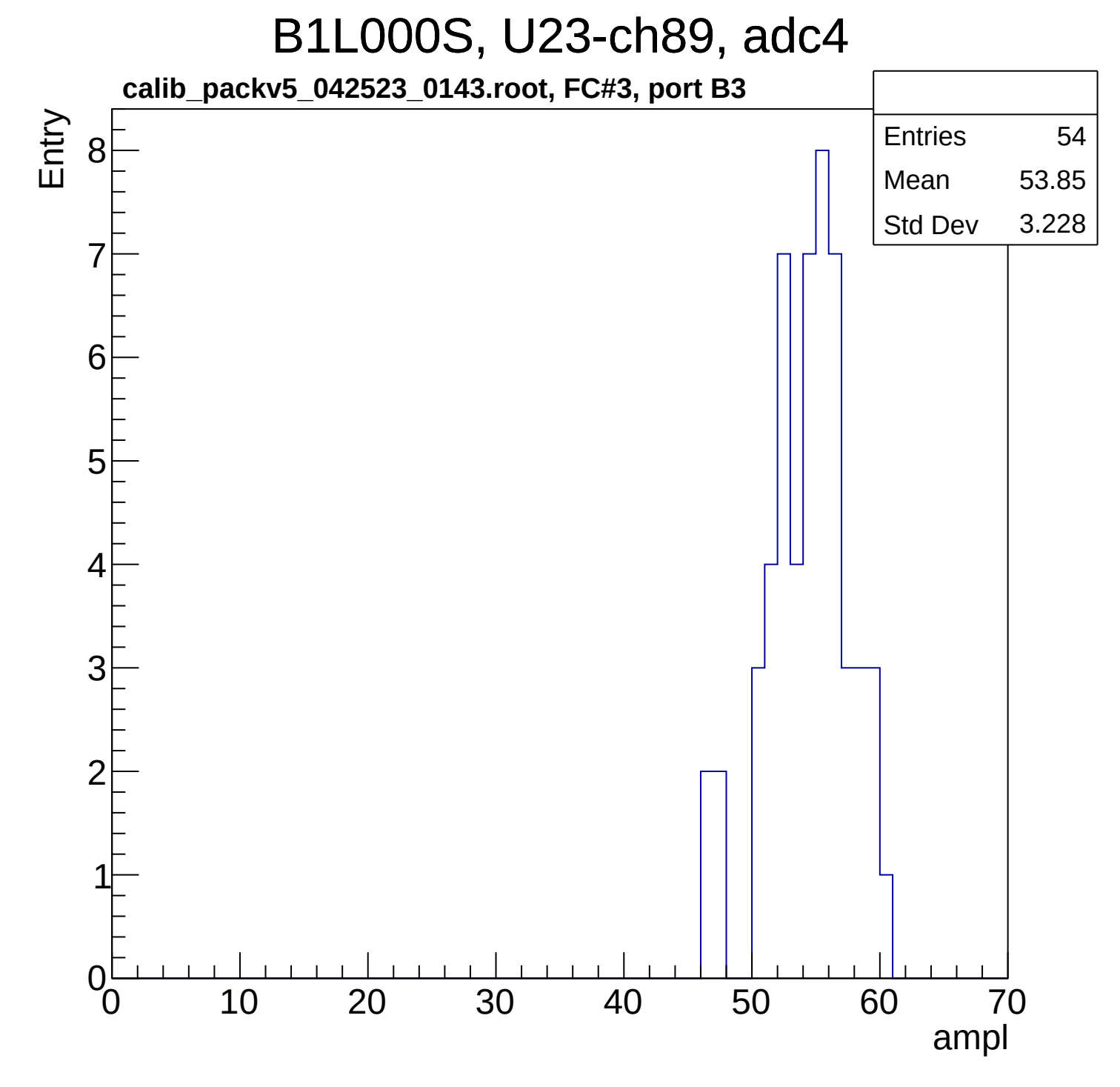

B1L000S, U23-ch89, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 41.51
Std Dev 3.558
Gaus mean : 41.5020
Gaus Width: 3.9303
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch89, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 47.75
Std Dev 3.233
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch89, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 53.85
Std Dev 3.228
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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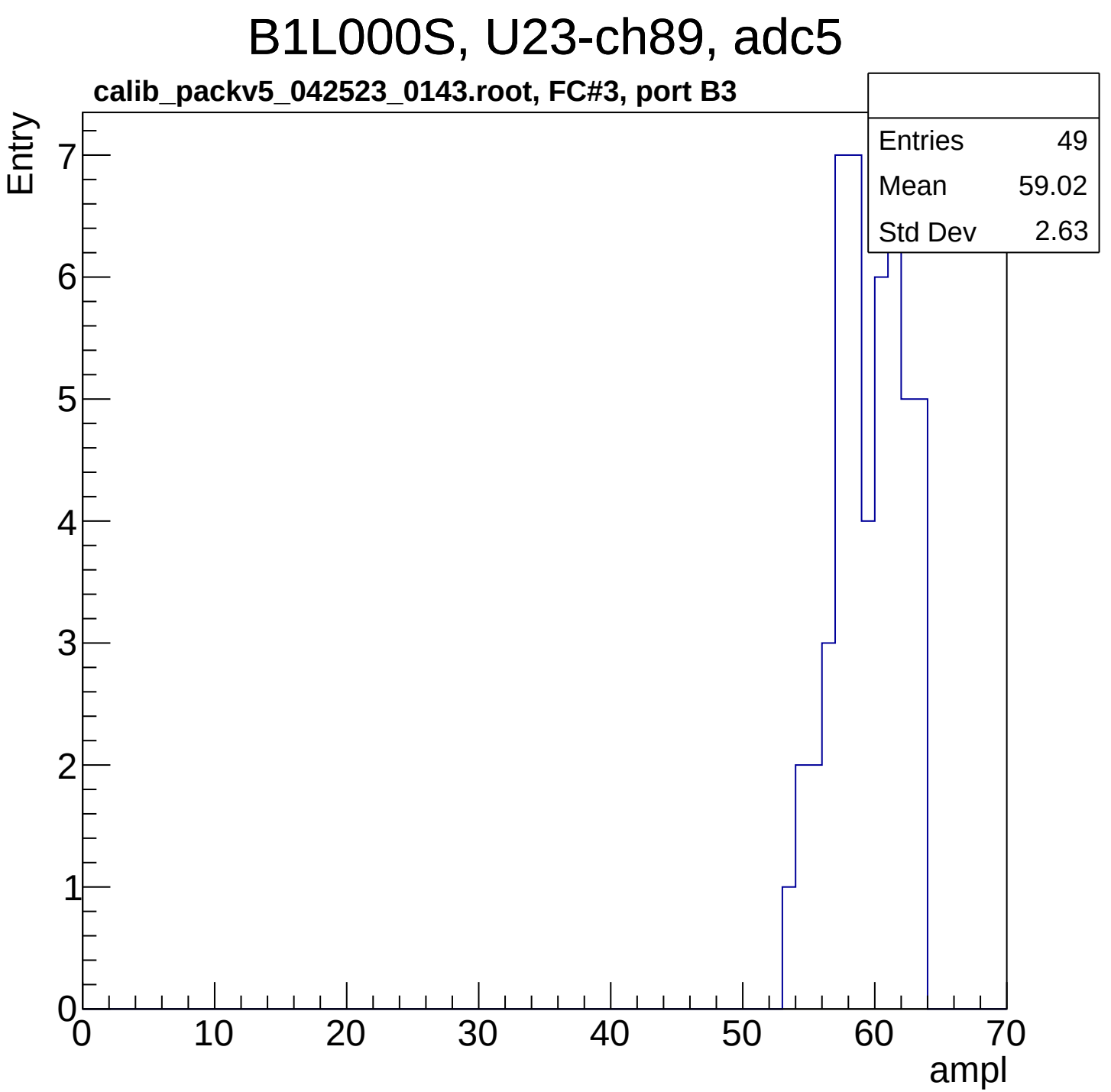
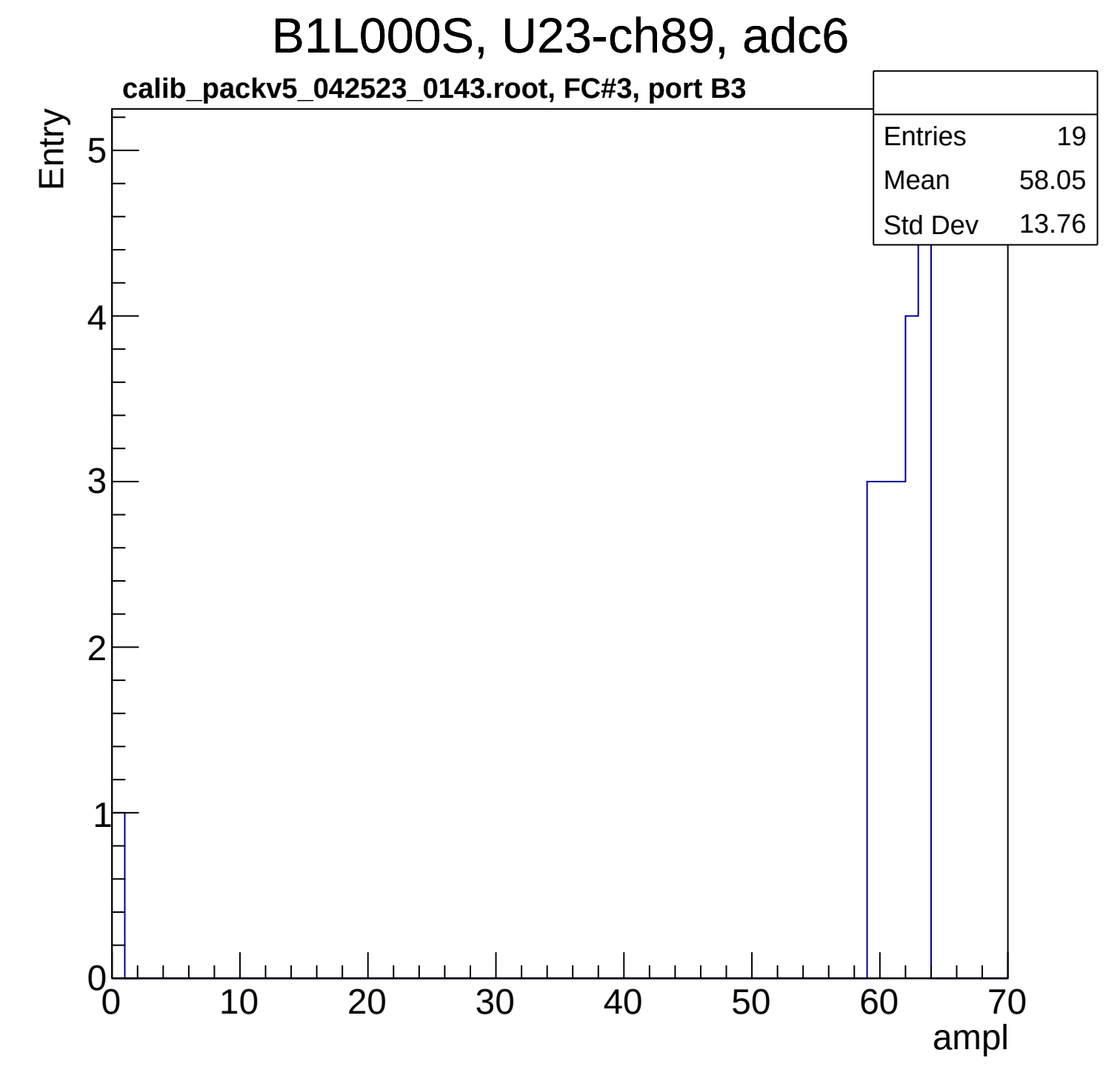
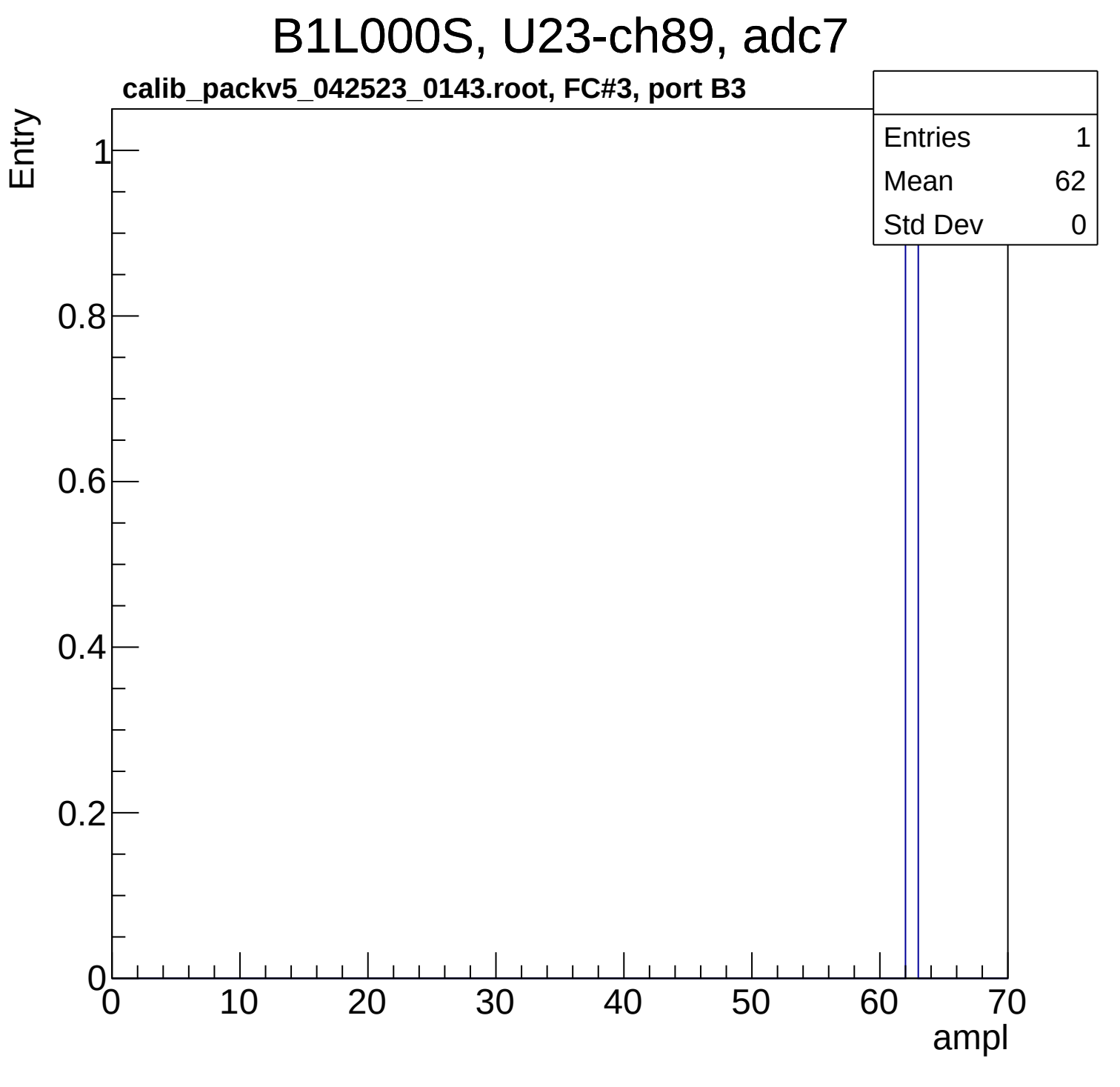
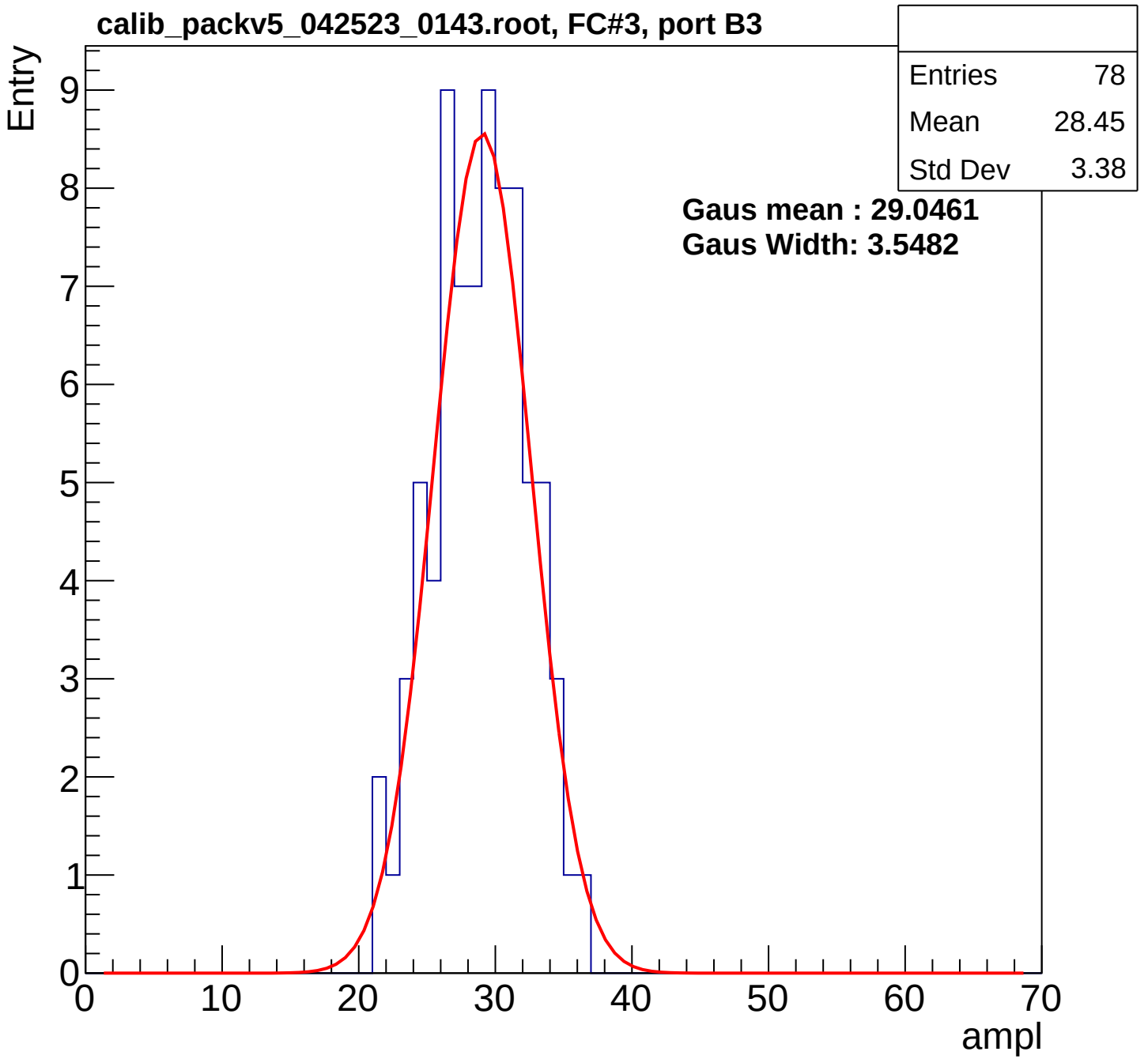
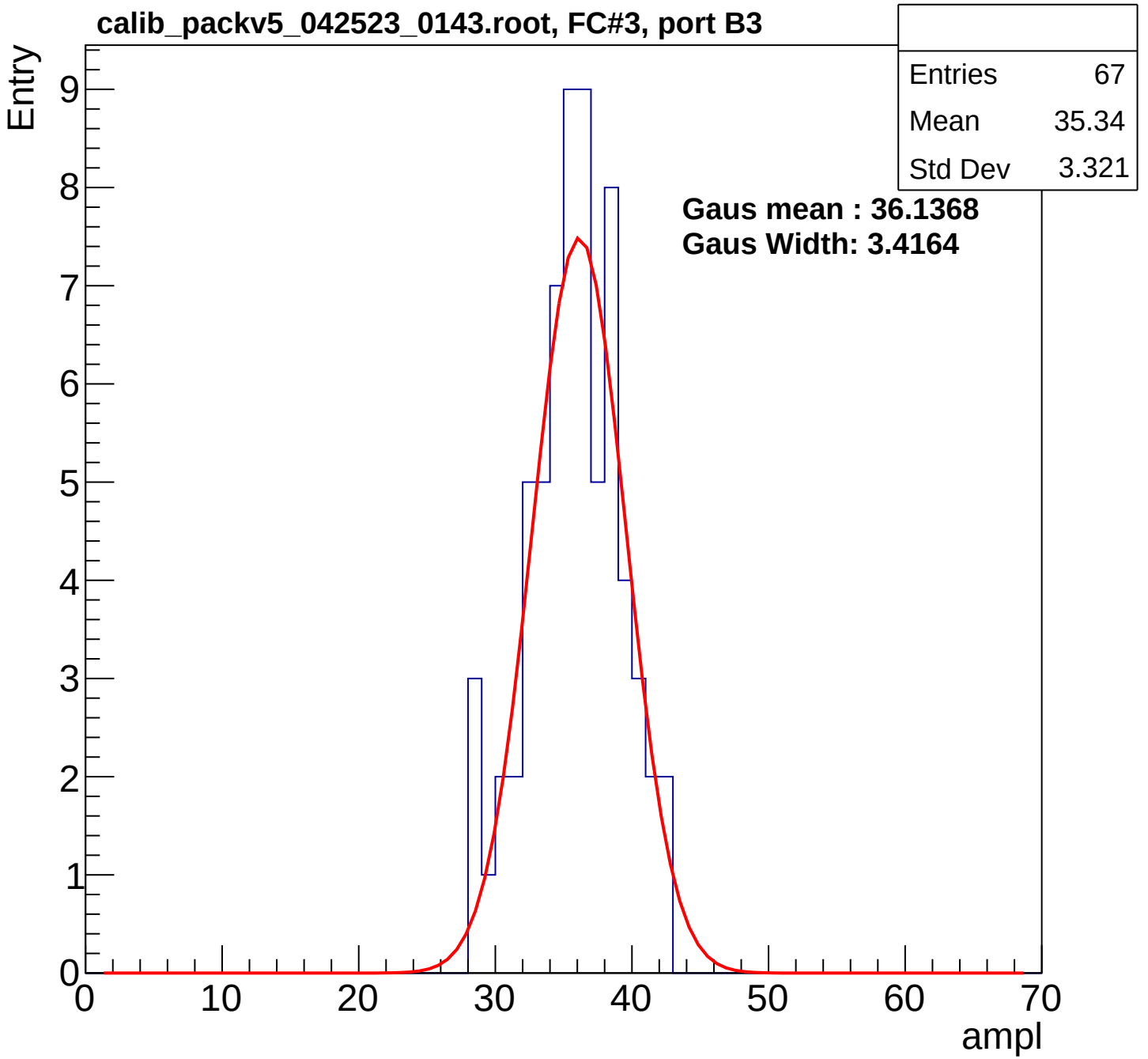
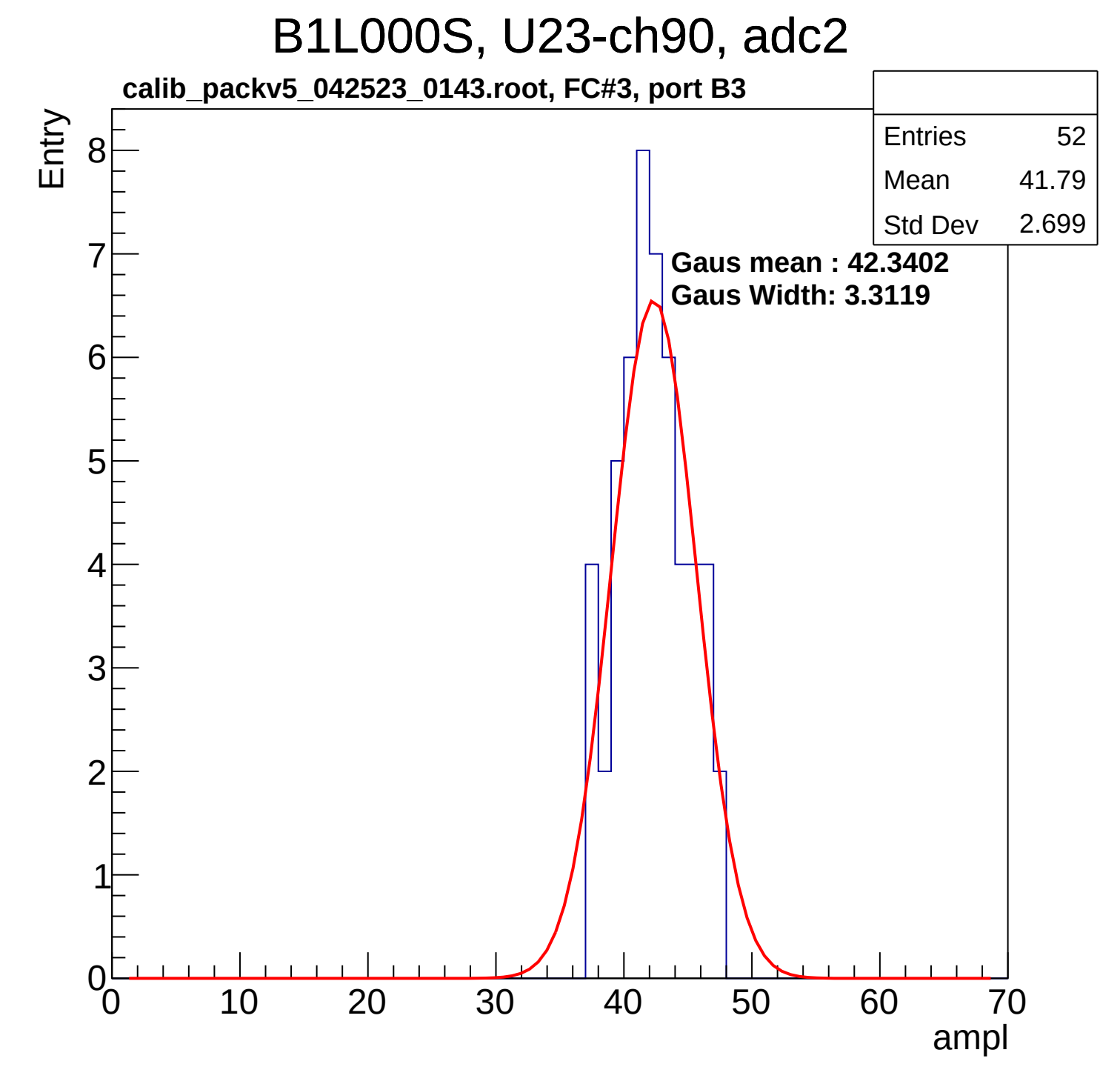

B1L000S, U23-ch89, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.02
Std Dev 2.63
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

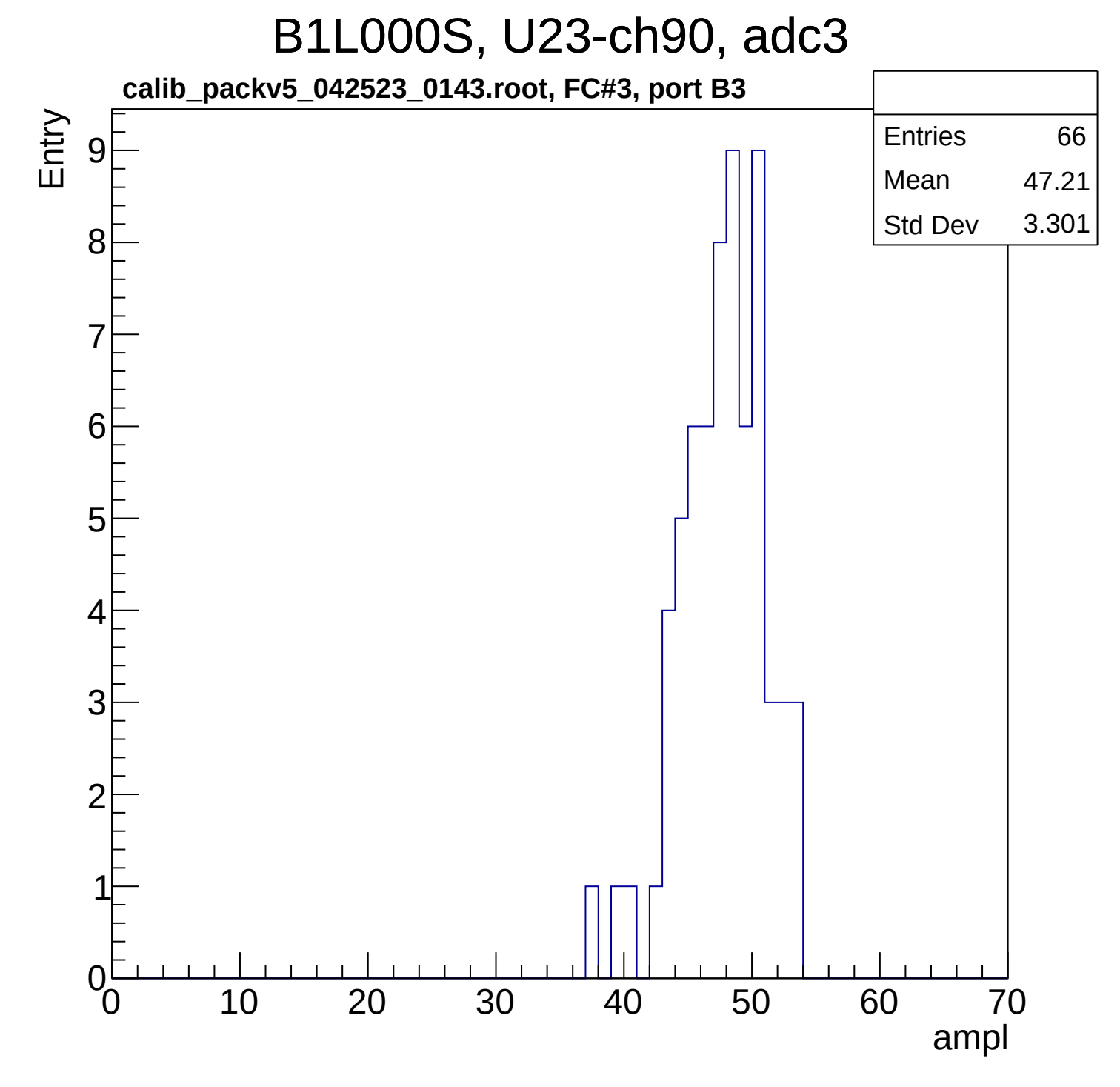

B1L000S, U23-ch89, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.05
Std Dev 13.76
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

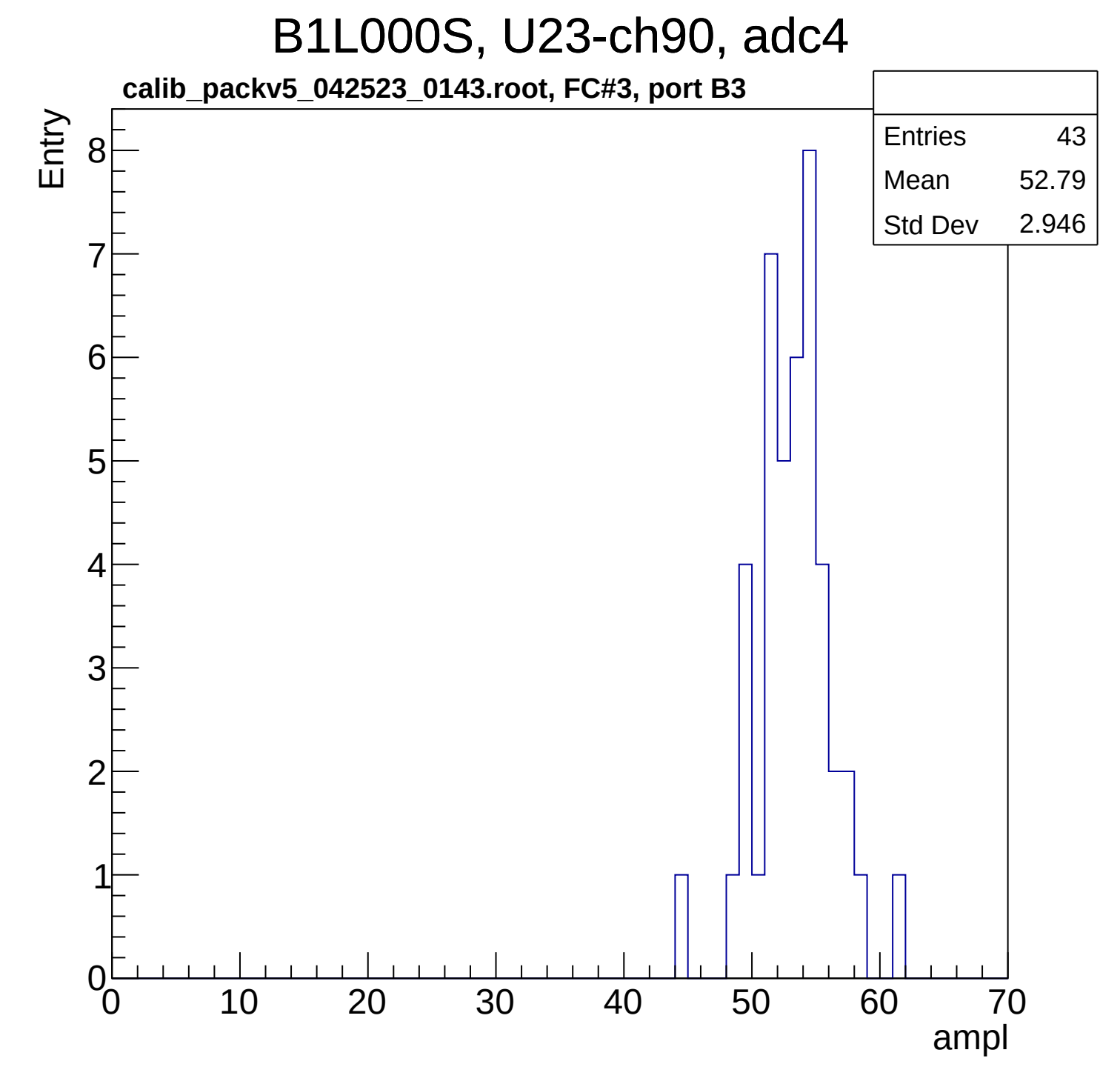

B1L000S, U23-ch89, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

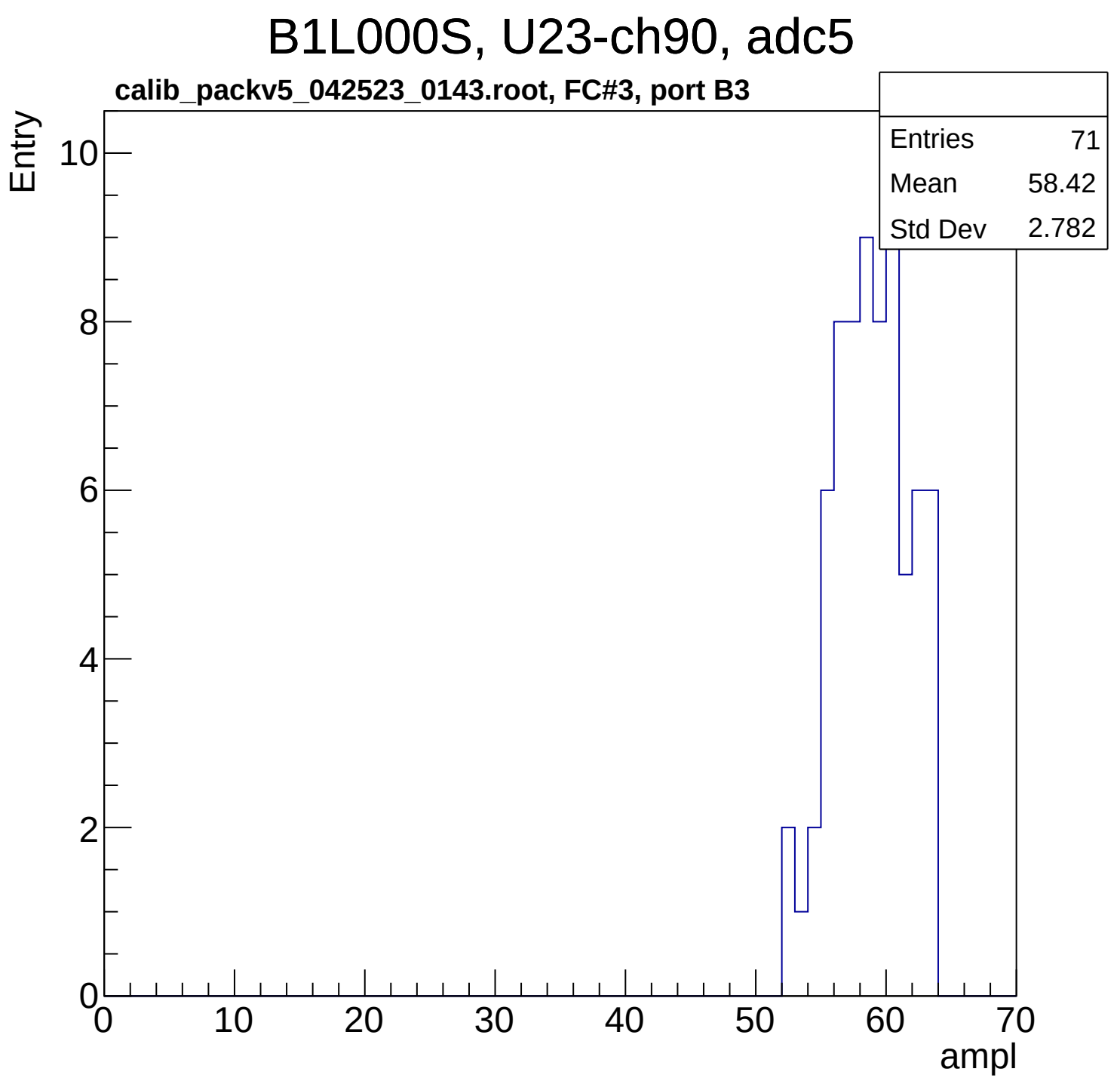

B1L000S, U23-ch90, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 28.45
Std Dev 3.38
Gaus mean : 29.0461
Gaus Width: 3.5482
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

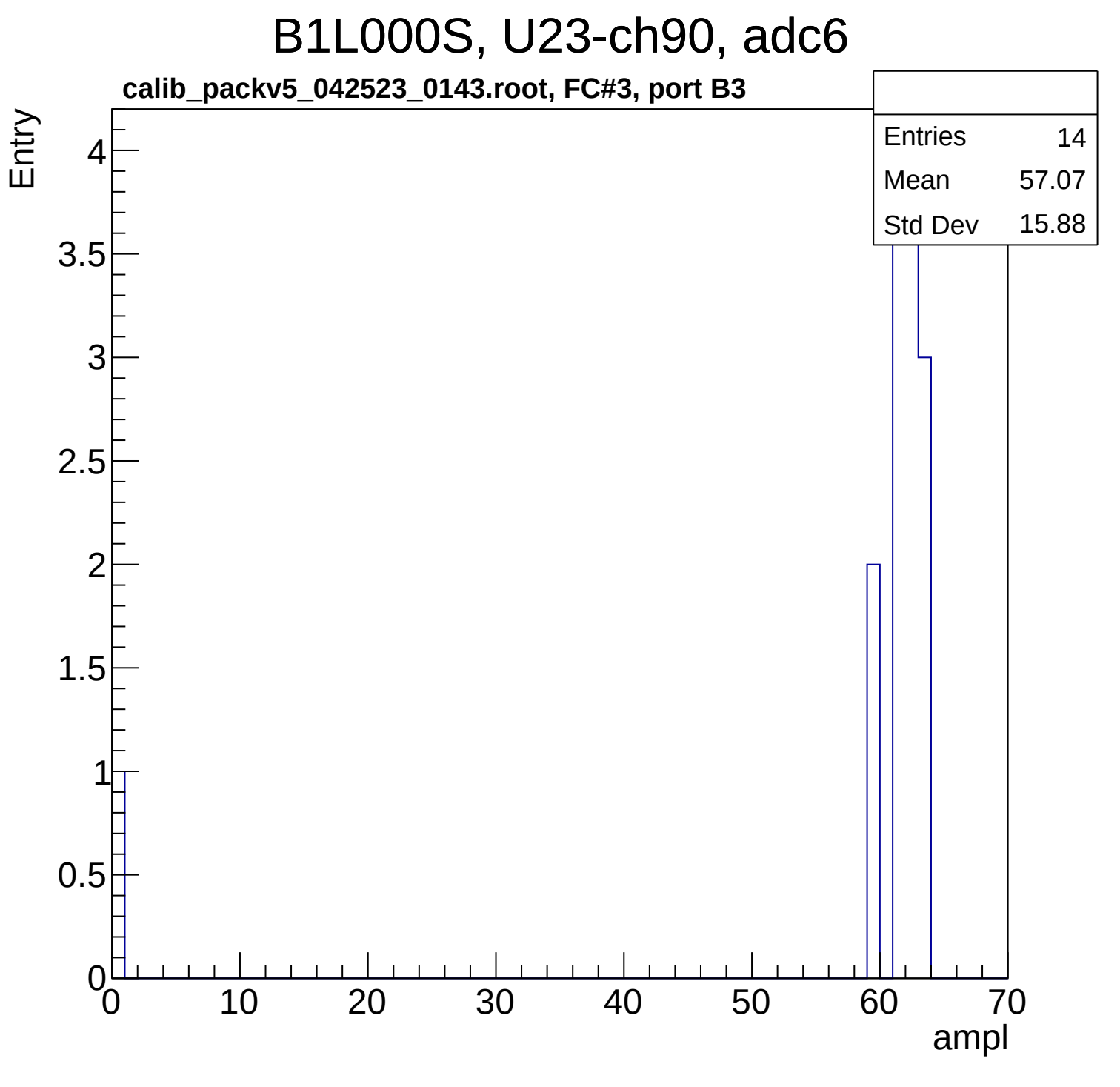

B1L000S, U23-ch90, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.34
Std Dev 3.321
Gaus mean : 36.1368
Gaus Width: 3.4164
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

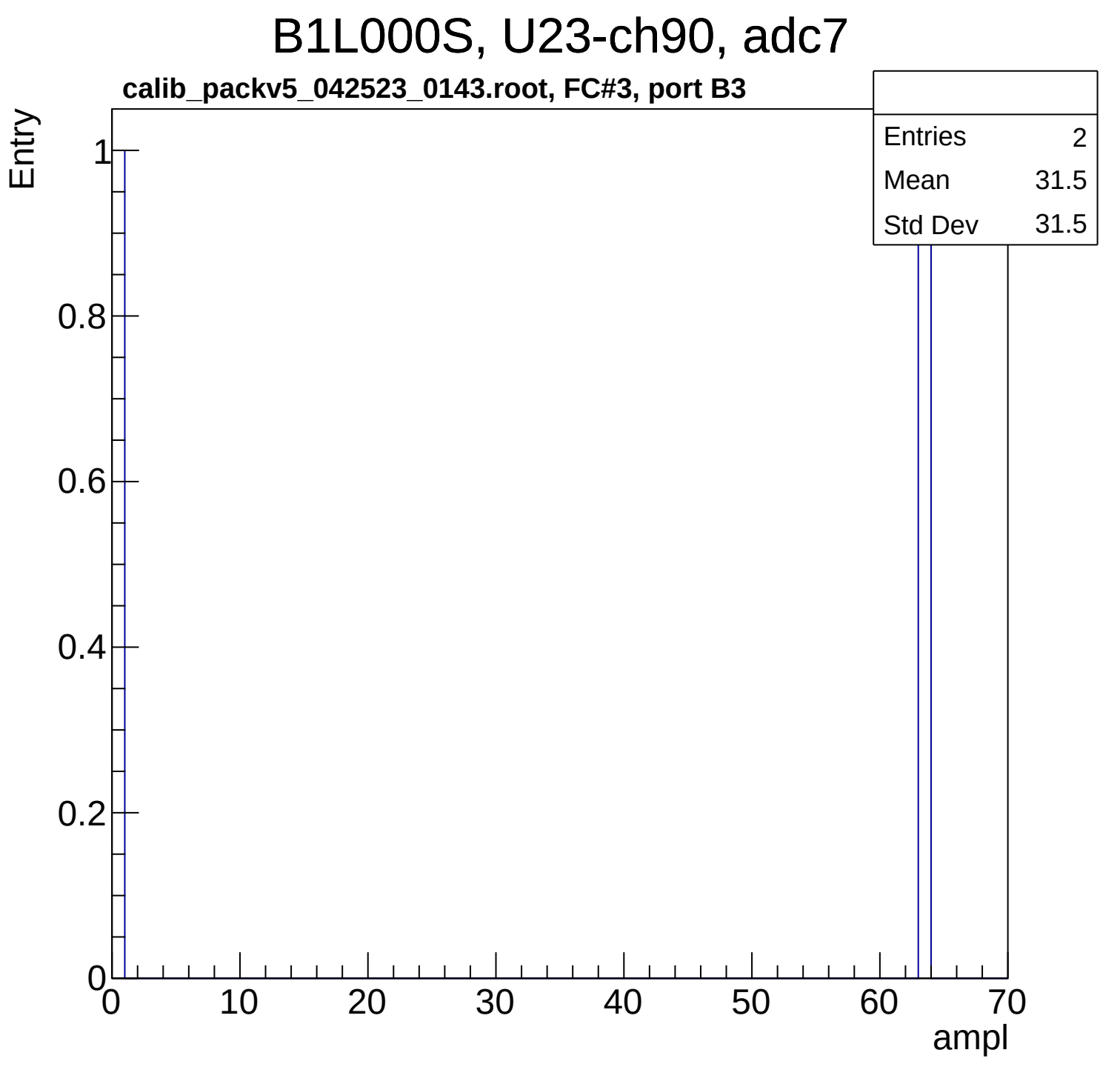

B1L000S, U23-ch90, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 41.79
Std Dev 2.699
Gaus mean : 42.3402
Gaus Width: 3.3119
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

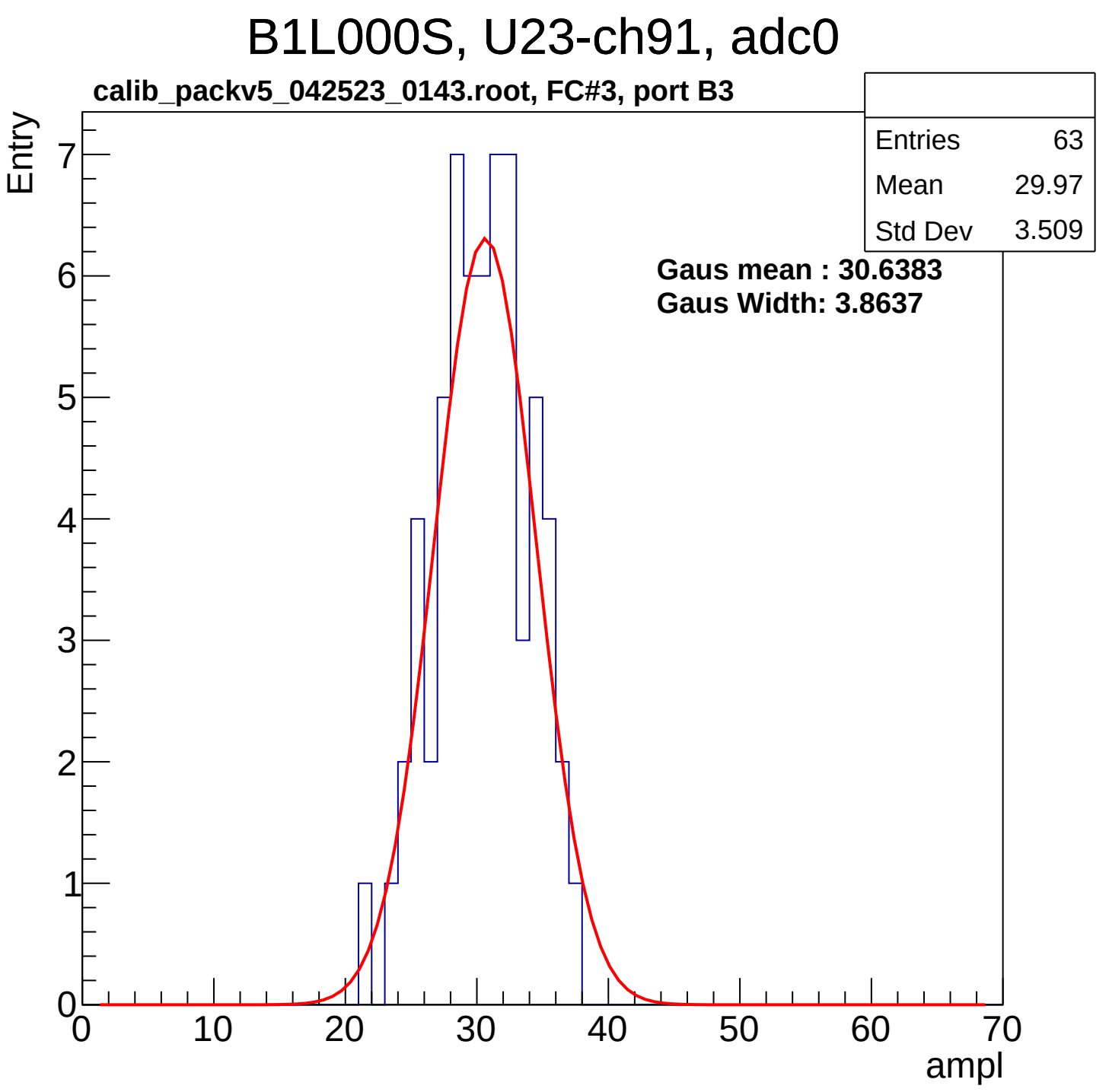

B1L000S, U23-ch90, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 47.21
Std Dev 3.301
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

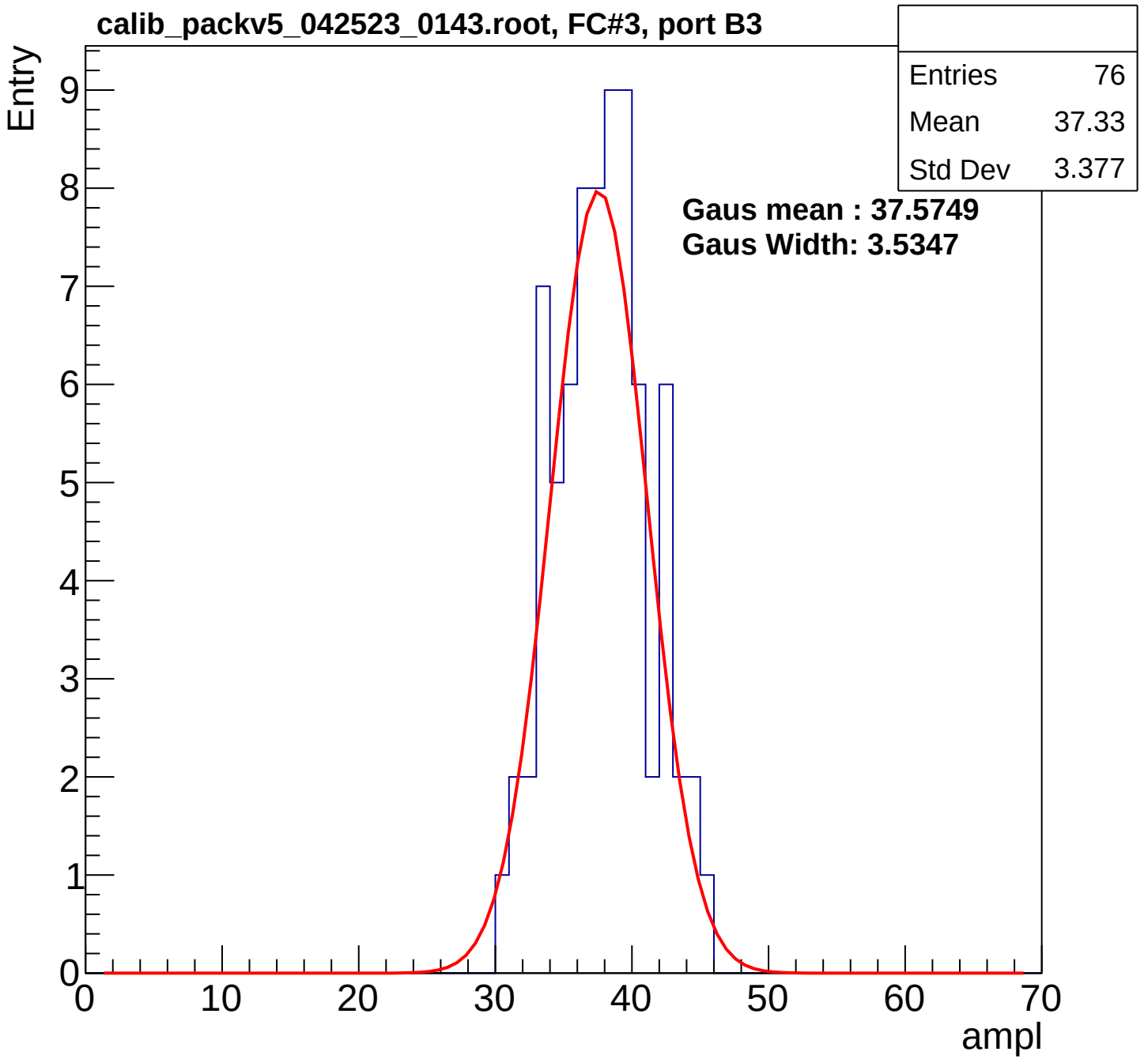

B1L000S, U23-ch90, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 52.79
Std Dev 2.946
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

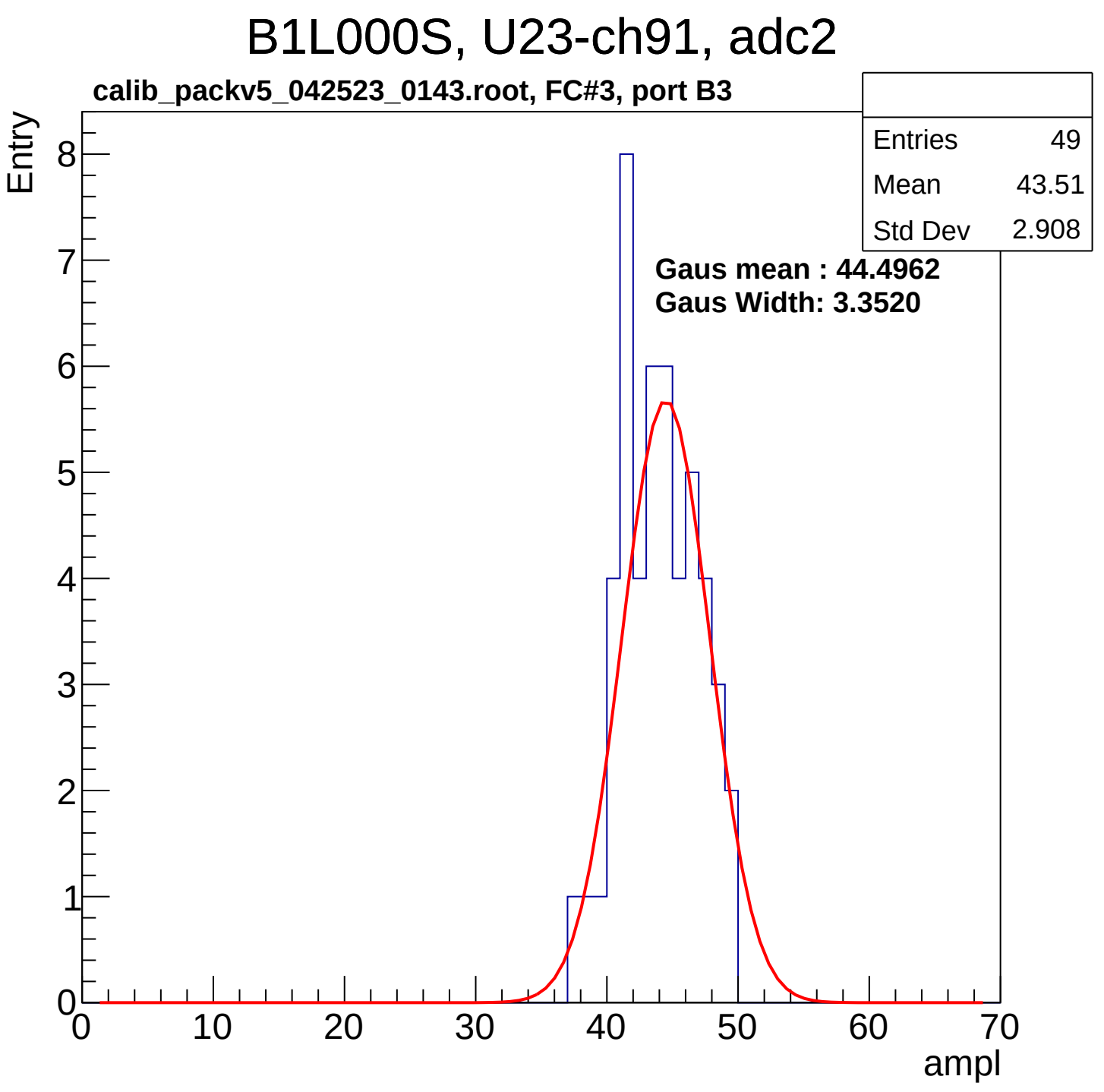

B1L000S, U23-ch90, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 58.42
Std Dev 2.782
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

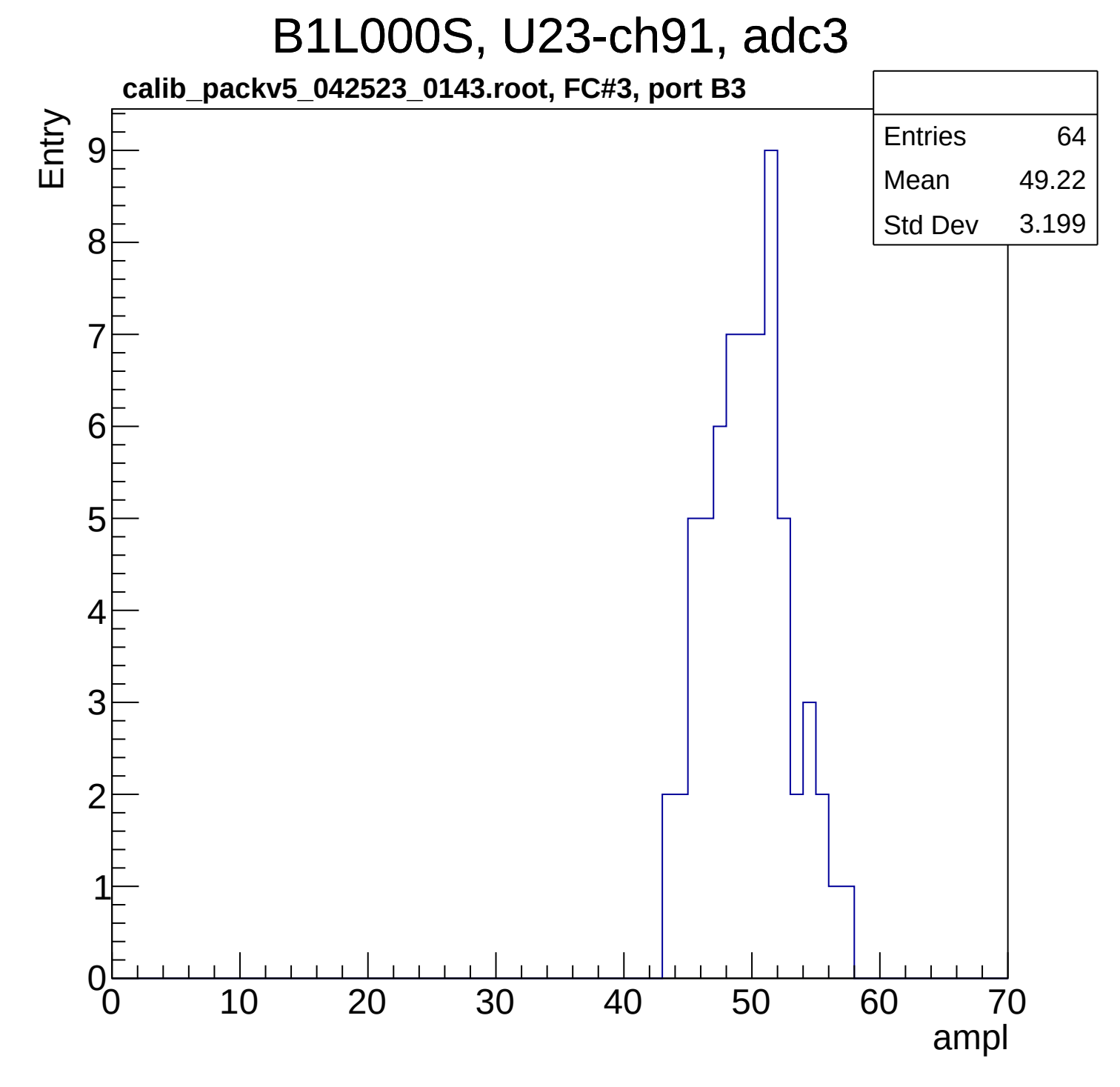

B1L000S, U23-ch90, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.07
Std Dev 15.88
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

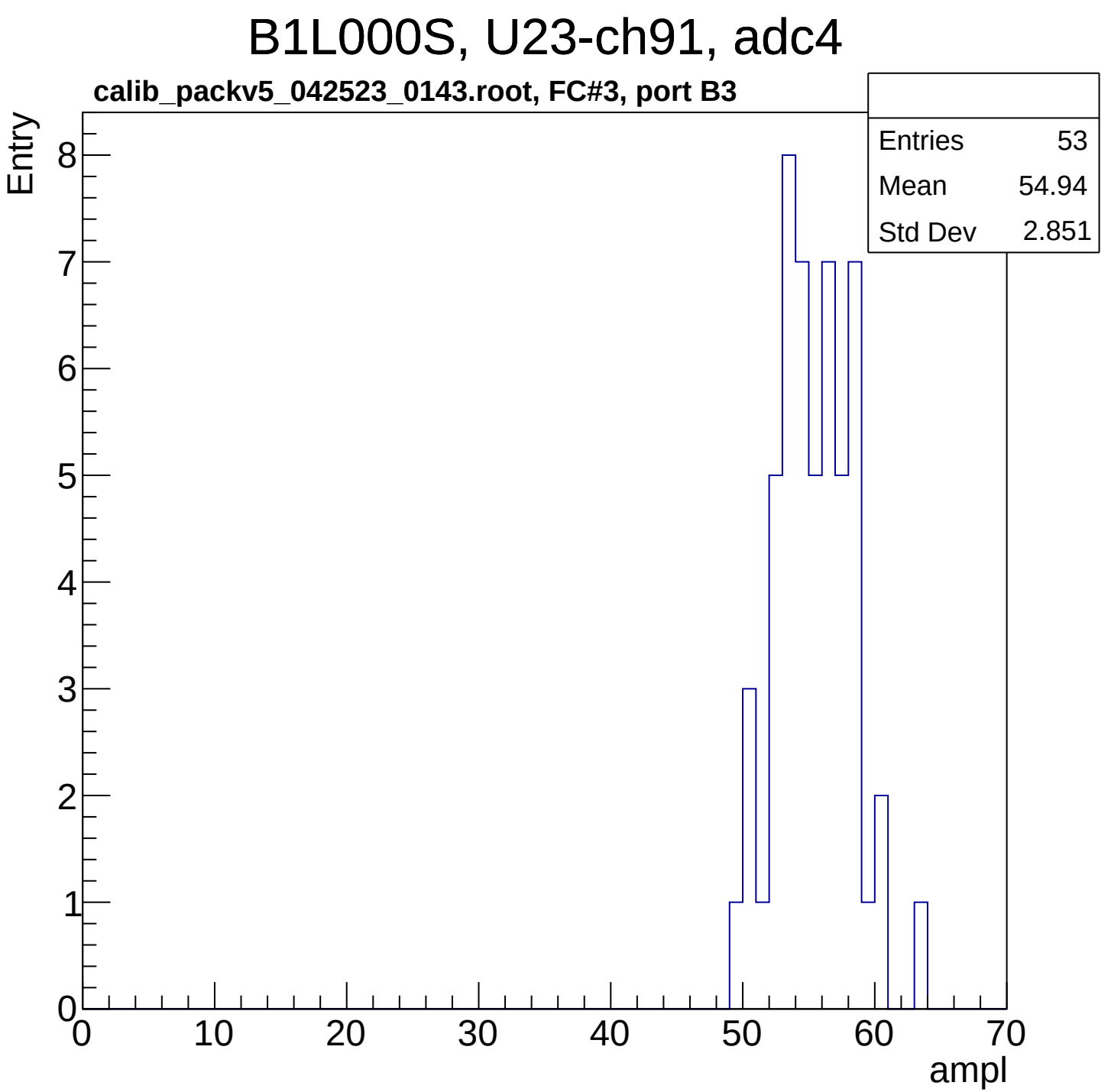

B1L000S, U23-ch90, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

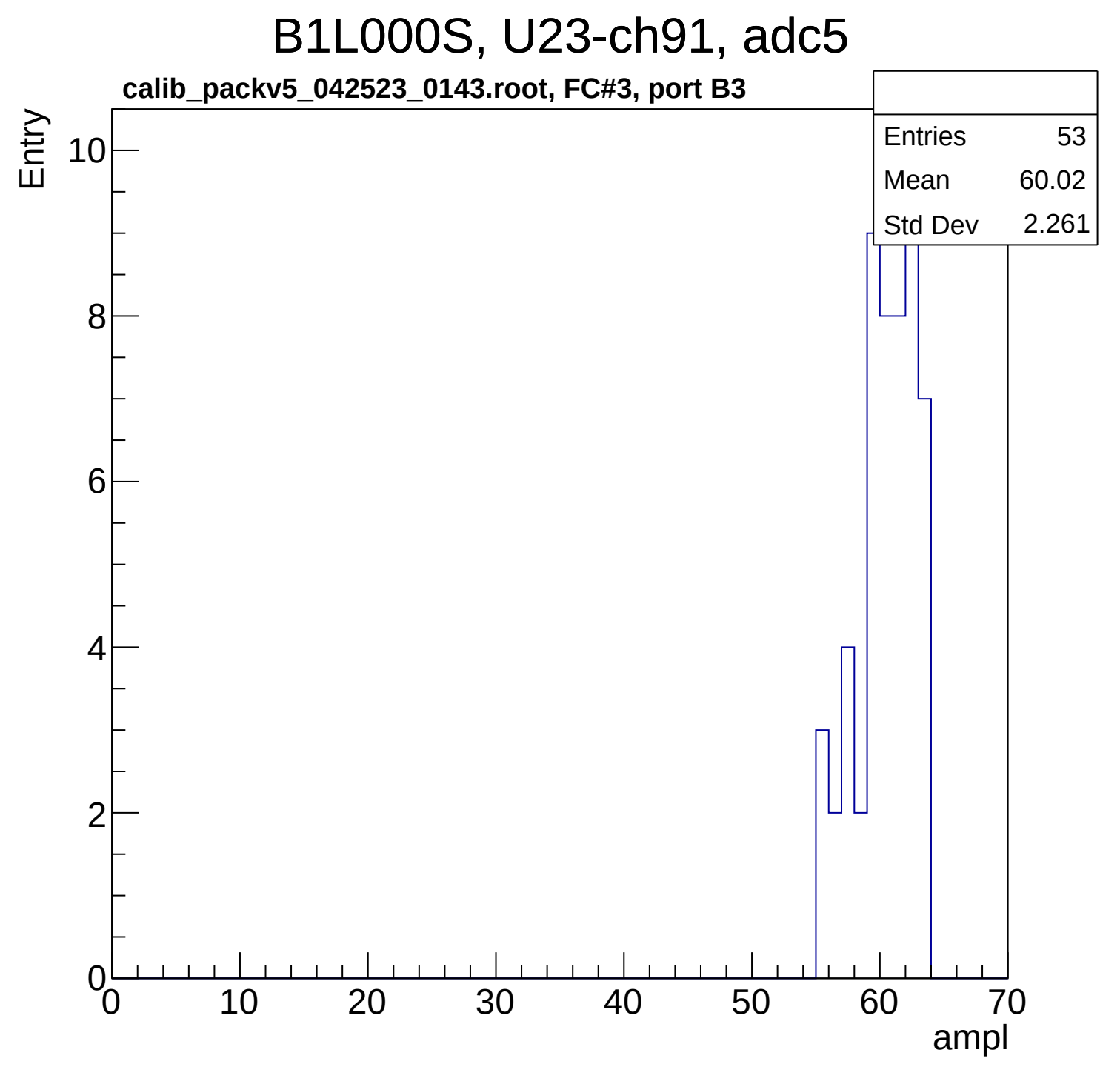

B1L000S, U23-ch91, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 29.97
Std Dev 3.509
Gaus mean : 30.6383
Gaus Width: 3.8637
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

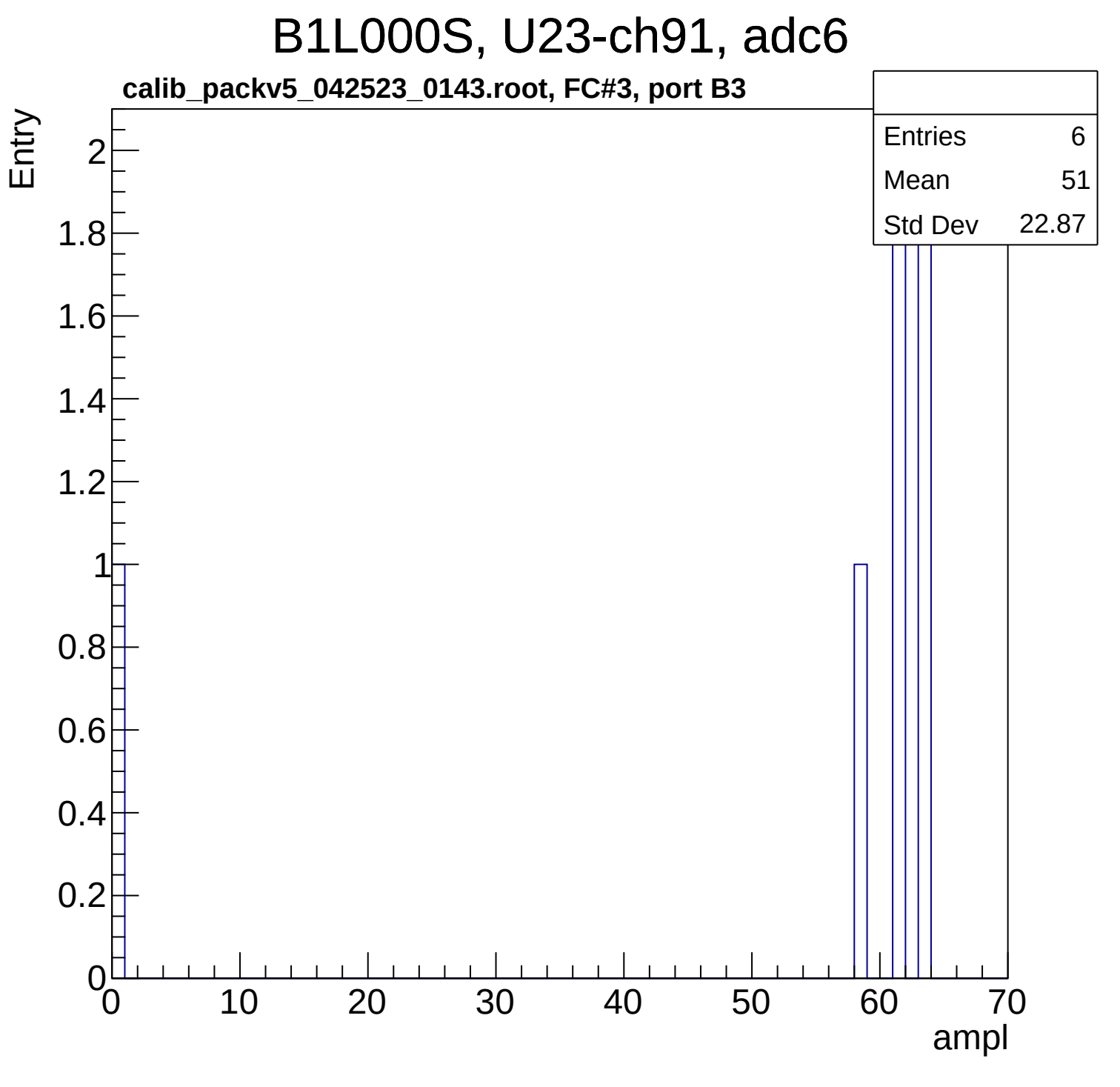

B1L000S, U23-ch91, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 37.33
Std Dev 3.377
Gaus mean : 37.5749
Gaus Width: 3.5347
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

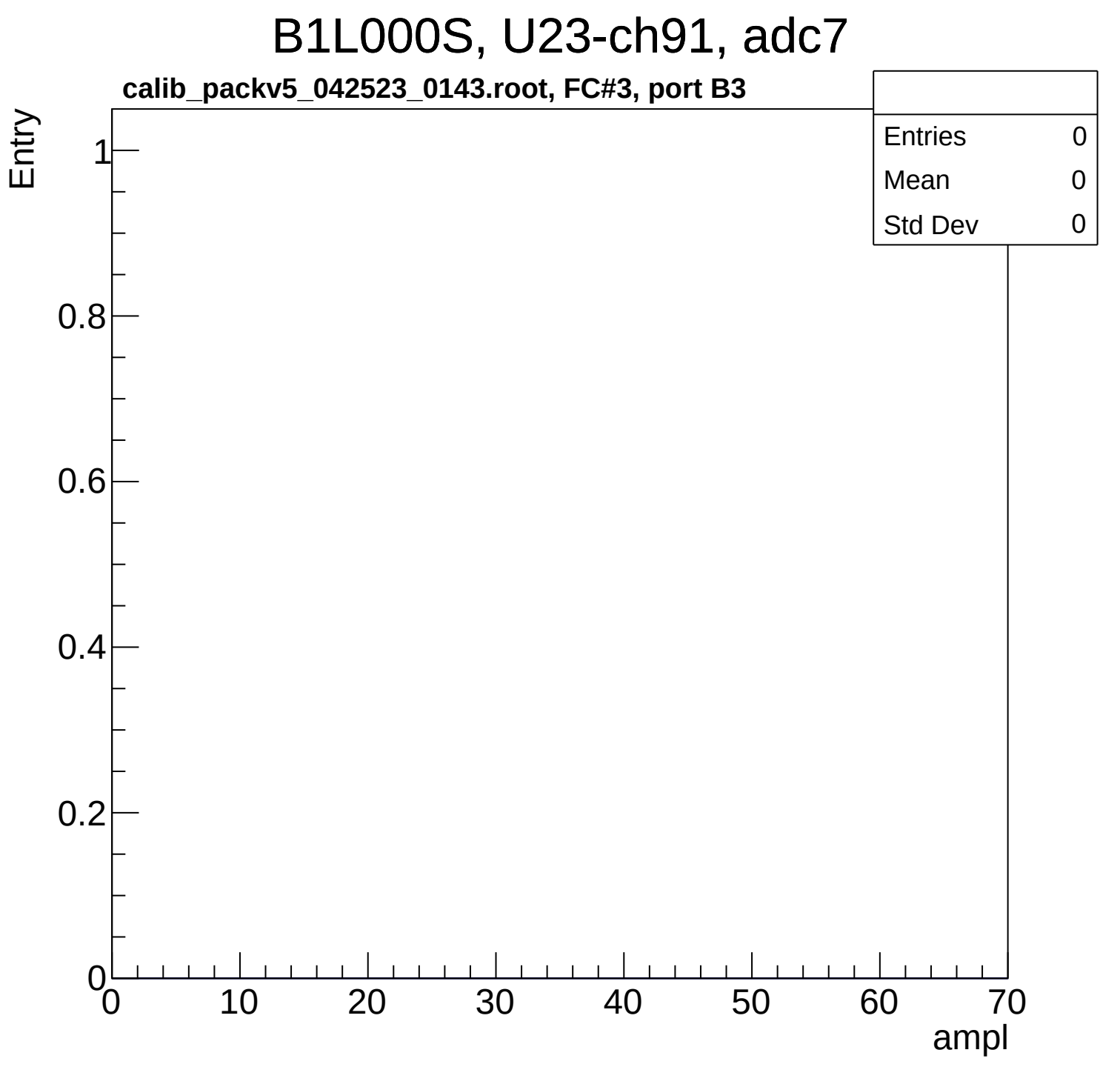

B1L000S, U23-ch91, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 43.51
Std Dev 2.908
Gaus mean : 44.4962
Gaus Width: 3.3520
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch91, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 49.22
Std Dev 3.199
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch91, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 54.94
Std Dev 2.851
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch91, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 60.02
Std Dev 2.261
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch91, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 51
Std Dev 22.87
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, U23-ch91, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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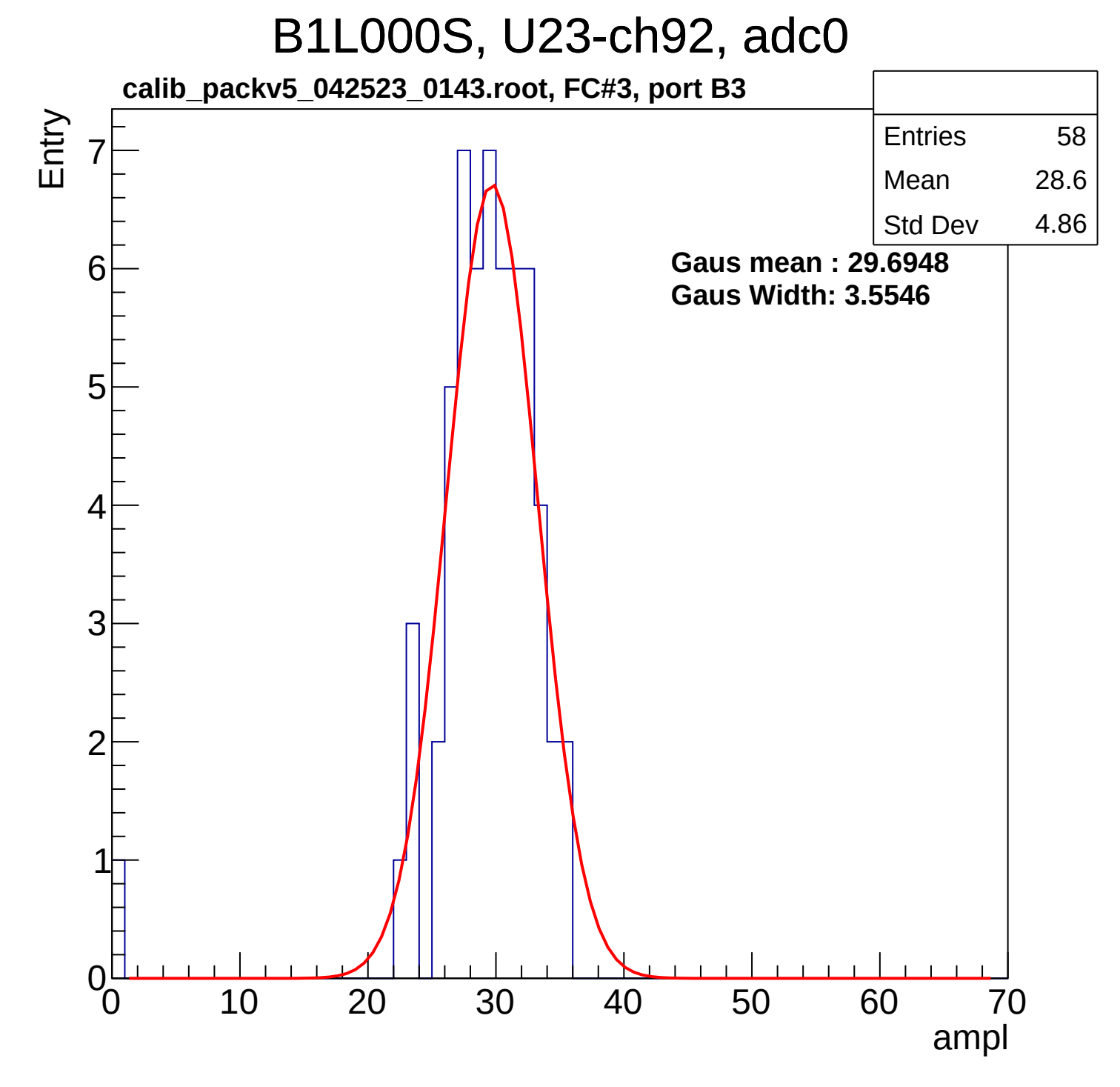
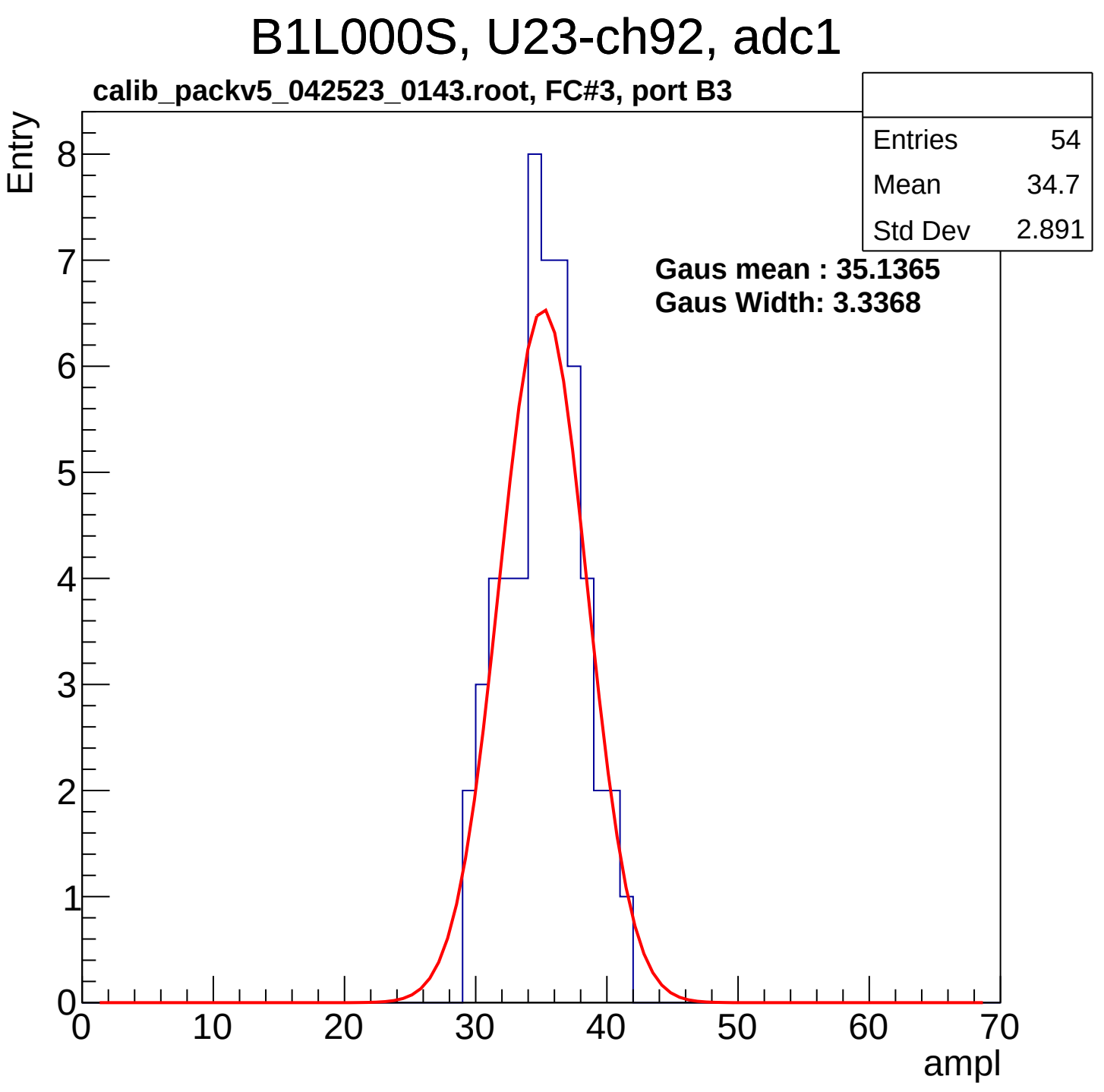
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch92, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 28.6
Std Dev 4.86
Gaus mean : 29.6948
Gaus Width: 3.5546
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch92, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 34.7
Std Dev 2.891
Gaus mean : 35.1365
Gaus Width: 3.3368
Entry
ampl
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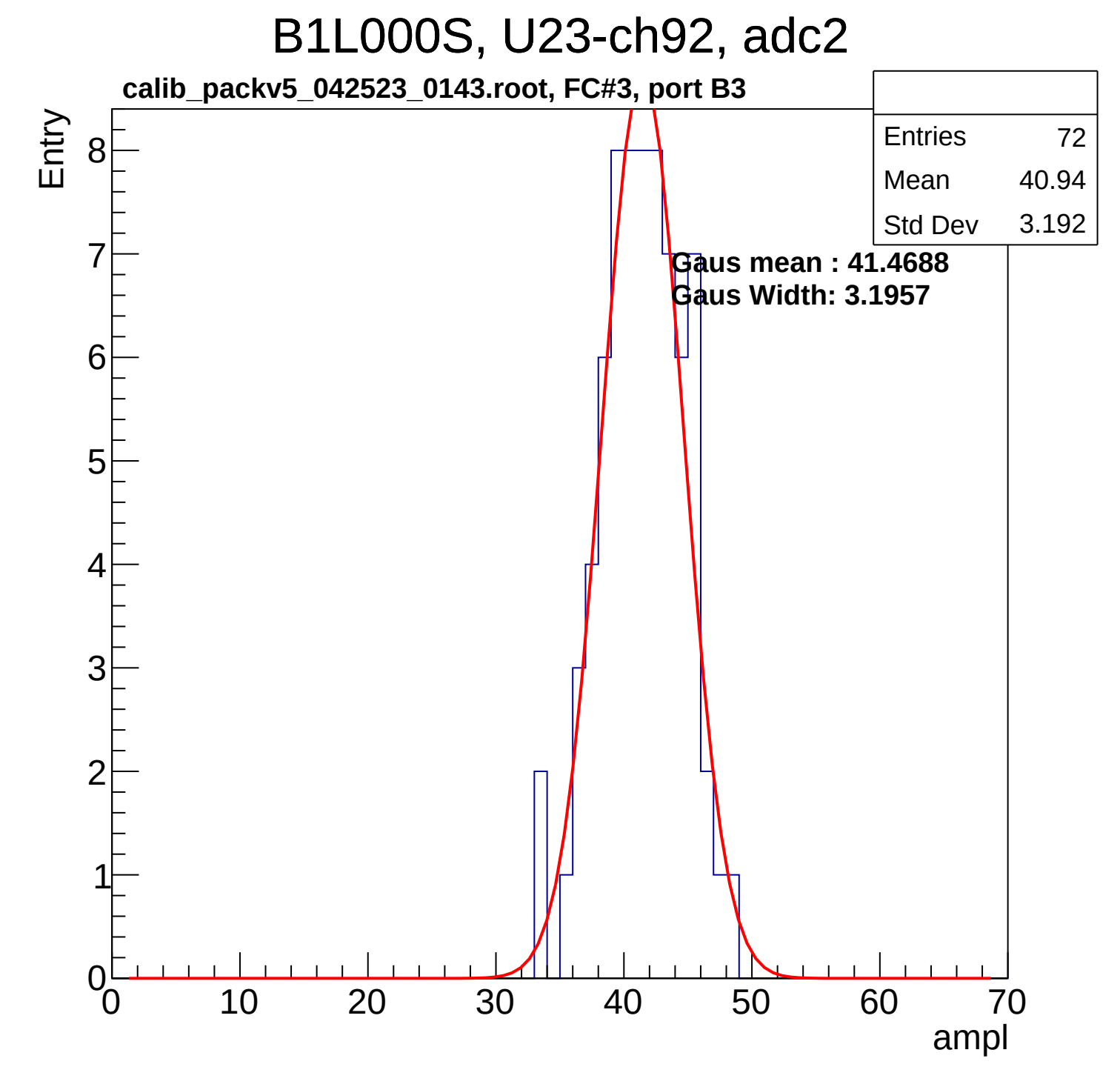
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch92, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 40.94
Std Dev 3.192
Gaus mean : 41.4688
Gaus Width: 3.1957
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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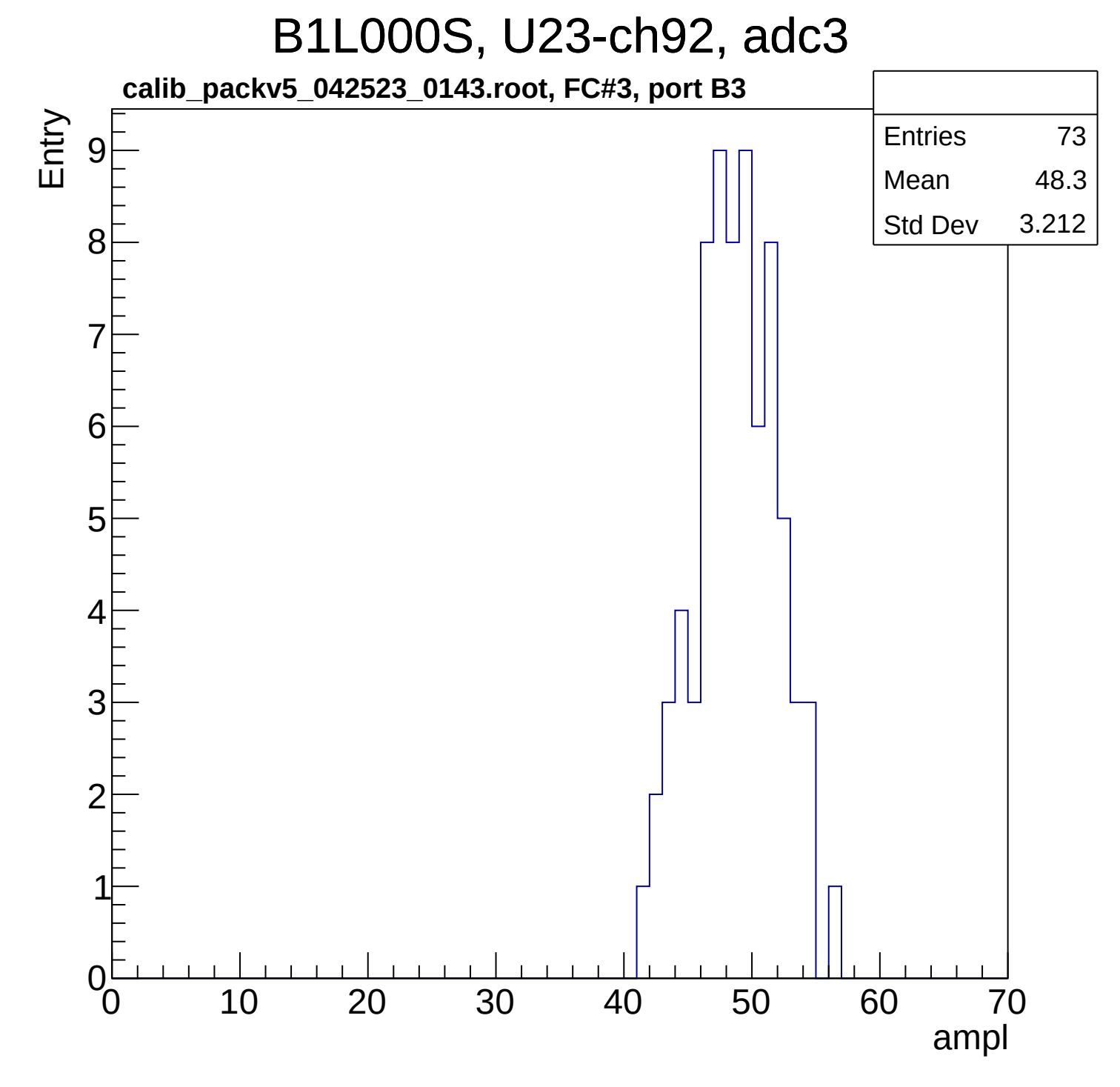
B1L000S, U23-ch92, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 48.3
Std Dev 3.212
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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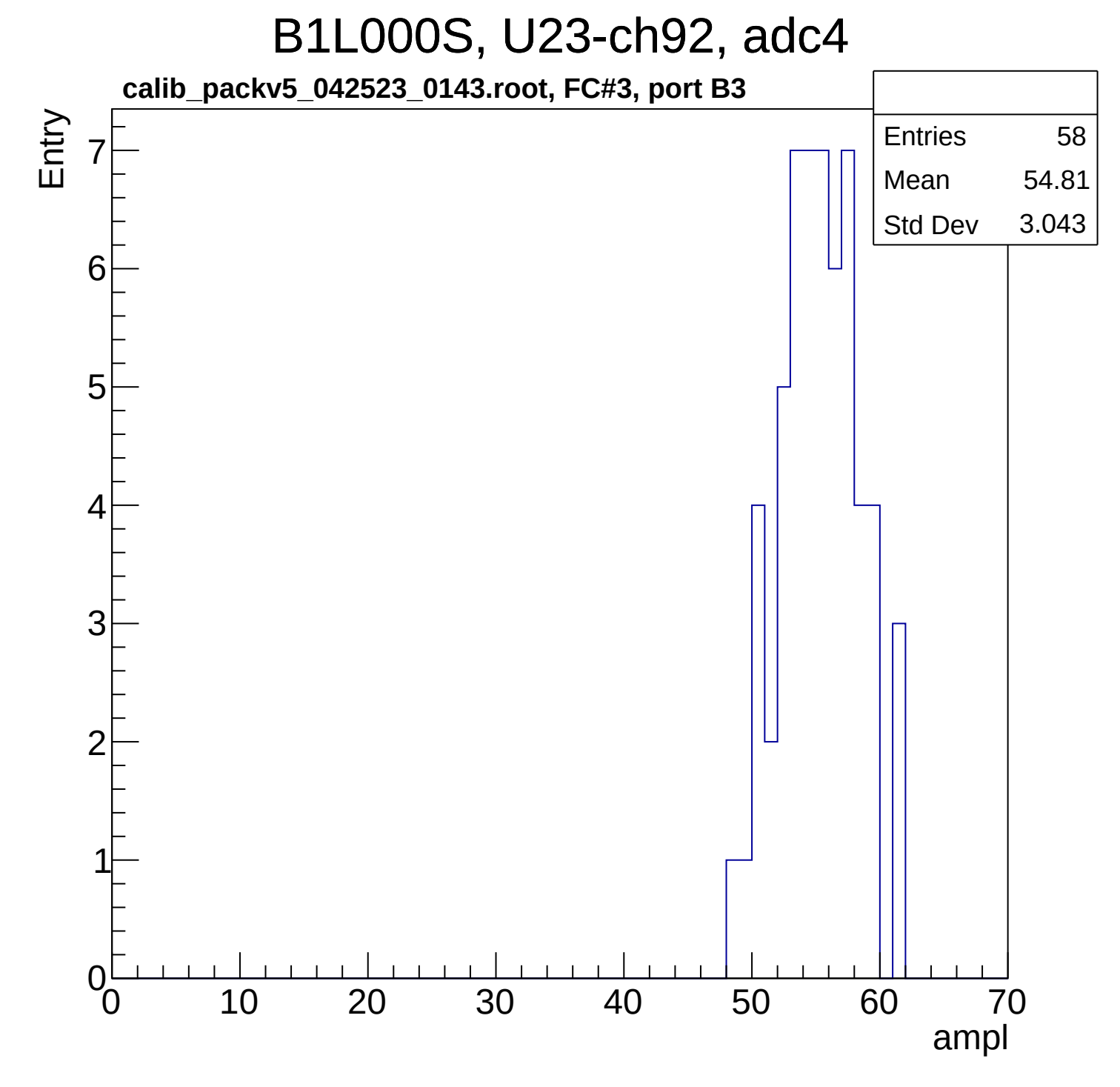
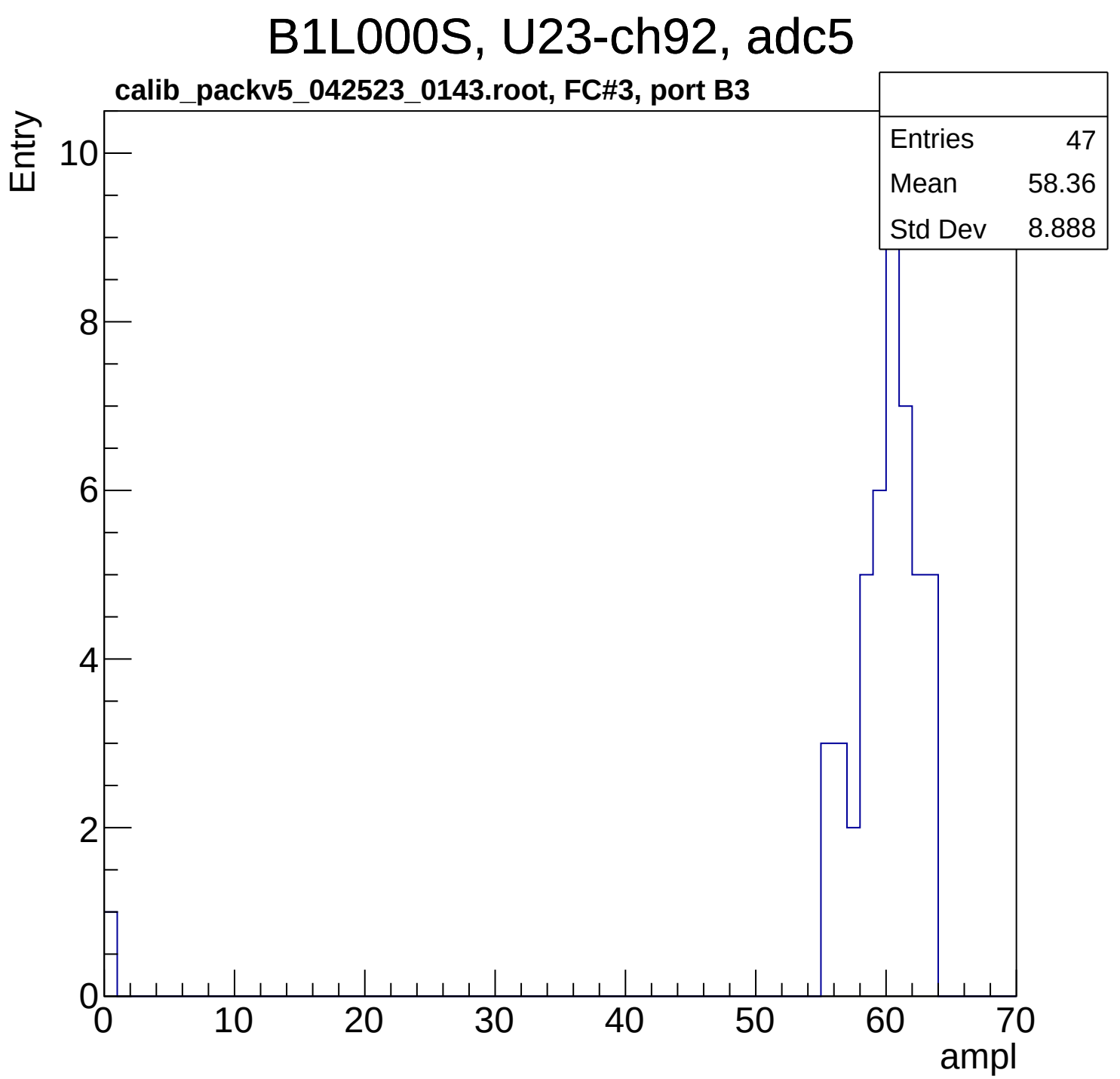
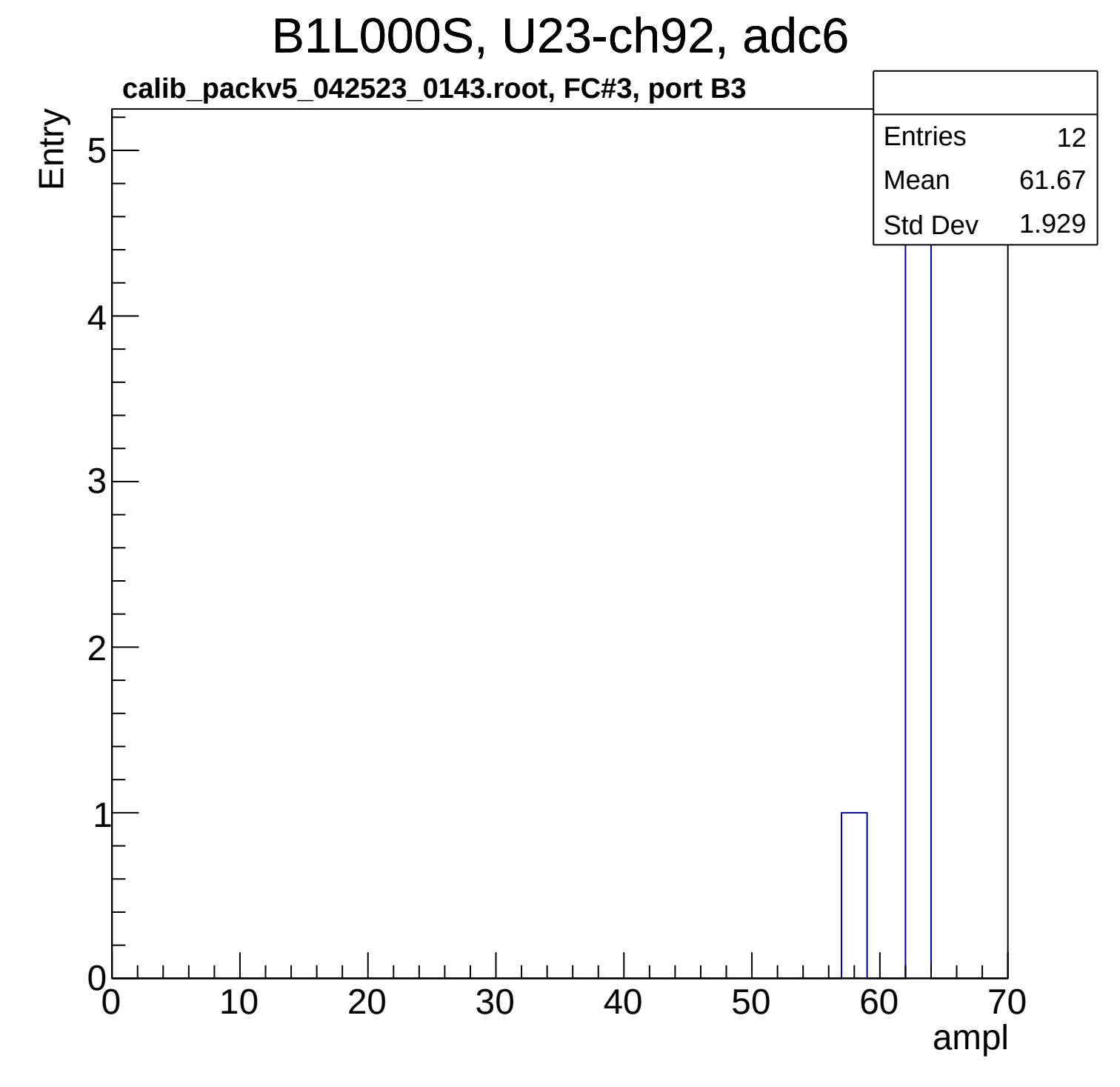
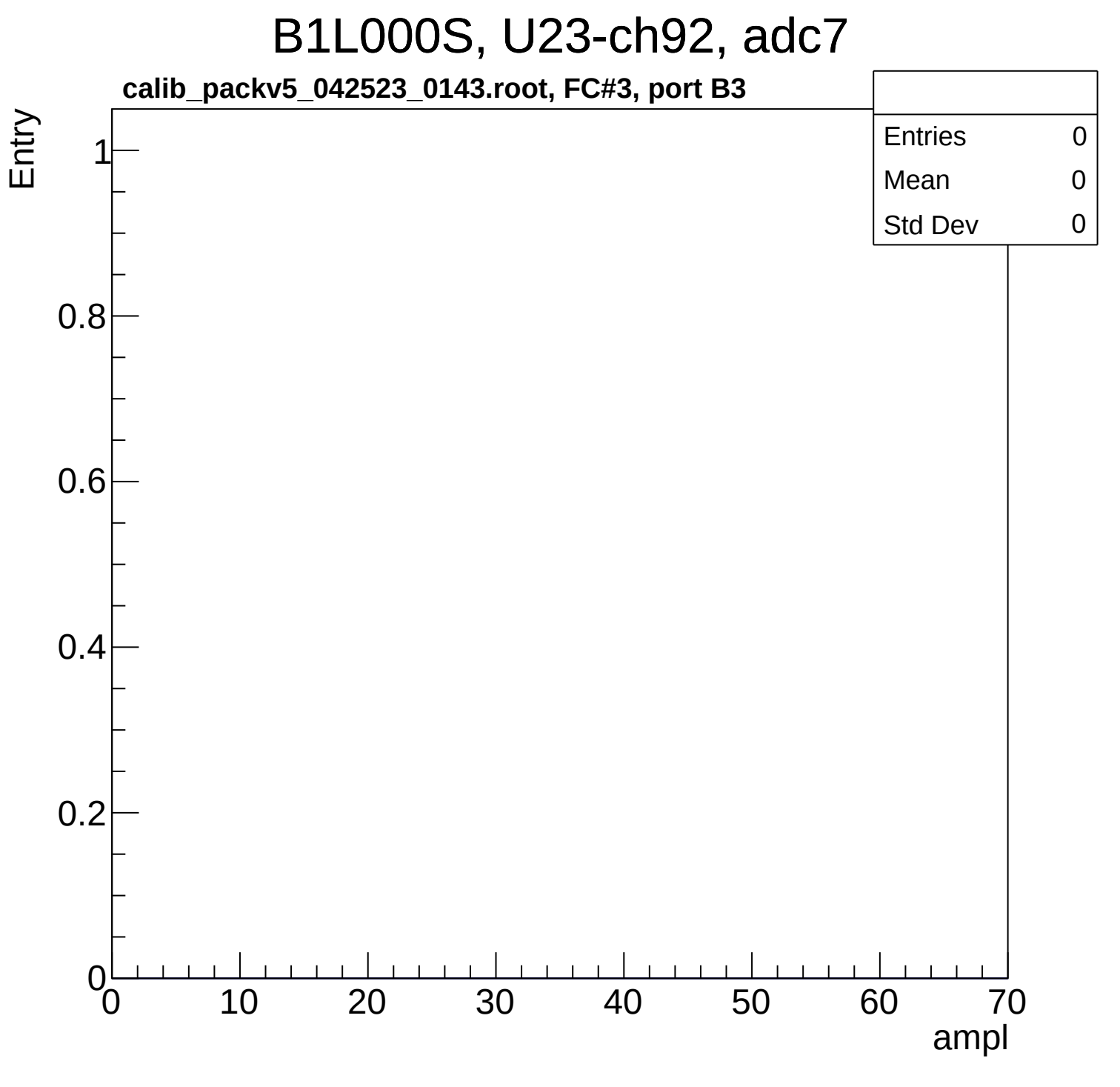
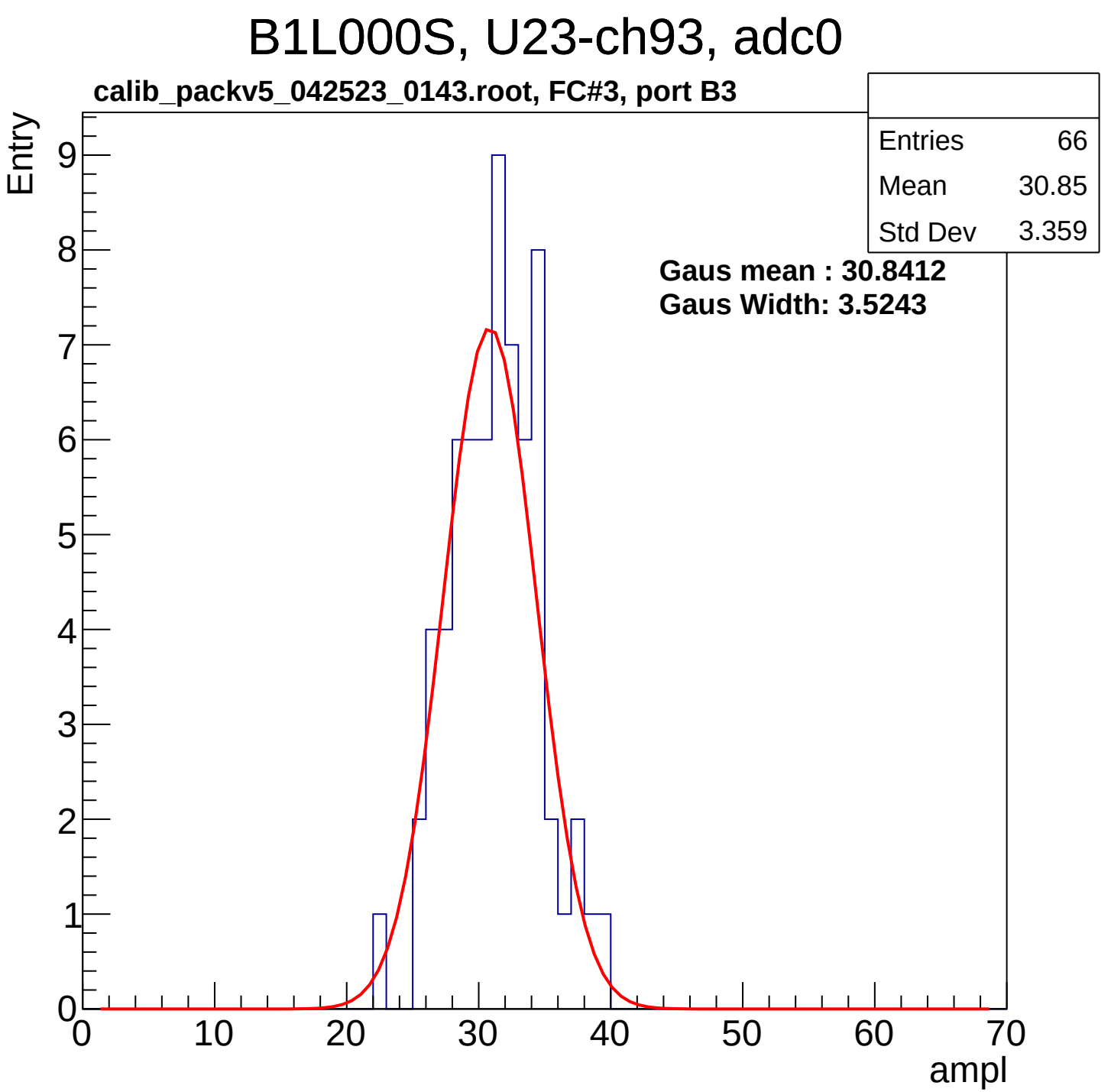

B1L000S, U23-ch92, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 54.81
Std Dev 3.043
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch92, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 58.36
Std Dev 8.888
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch92, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.67
Std Dev 1.929
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U23-ch92, 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, U23-ch93, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 30.85
Std Dev 3.359
Gaus mean : 30.8412
Gaus Width: 3.5243
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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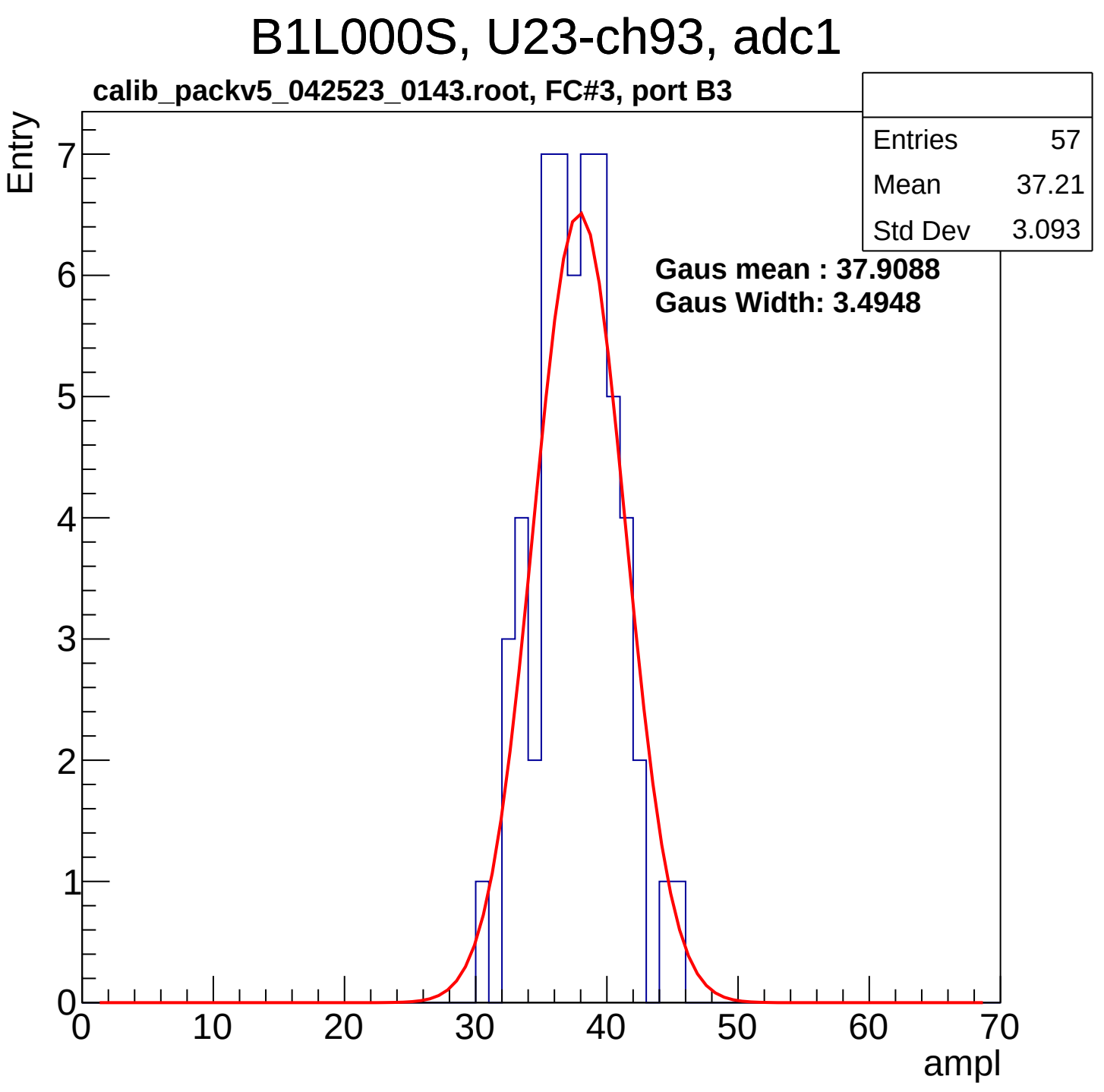
B1L000S, U23-ch93, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 37.21
Std Dev 3.093
Gaus mean : 37.9088
Gaus Width: 3.4948
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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40
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60
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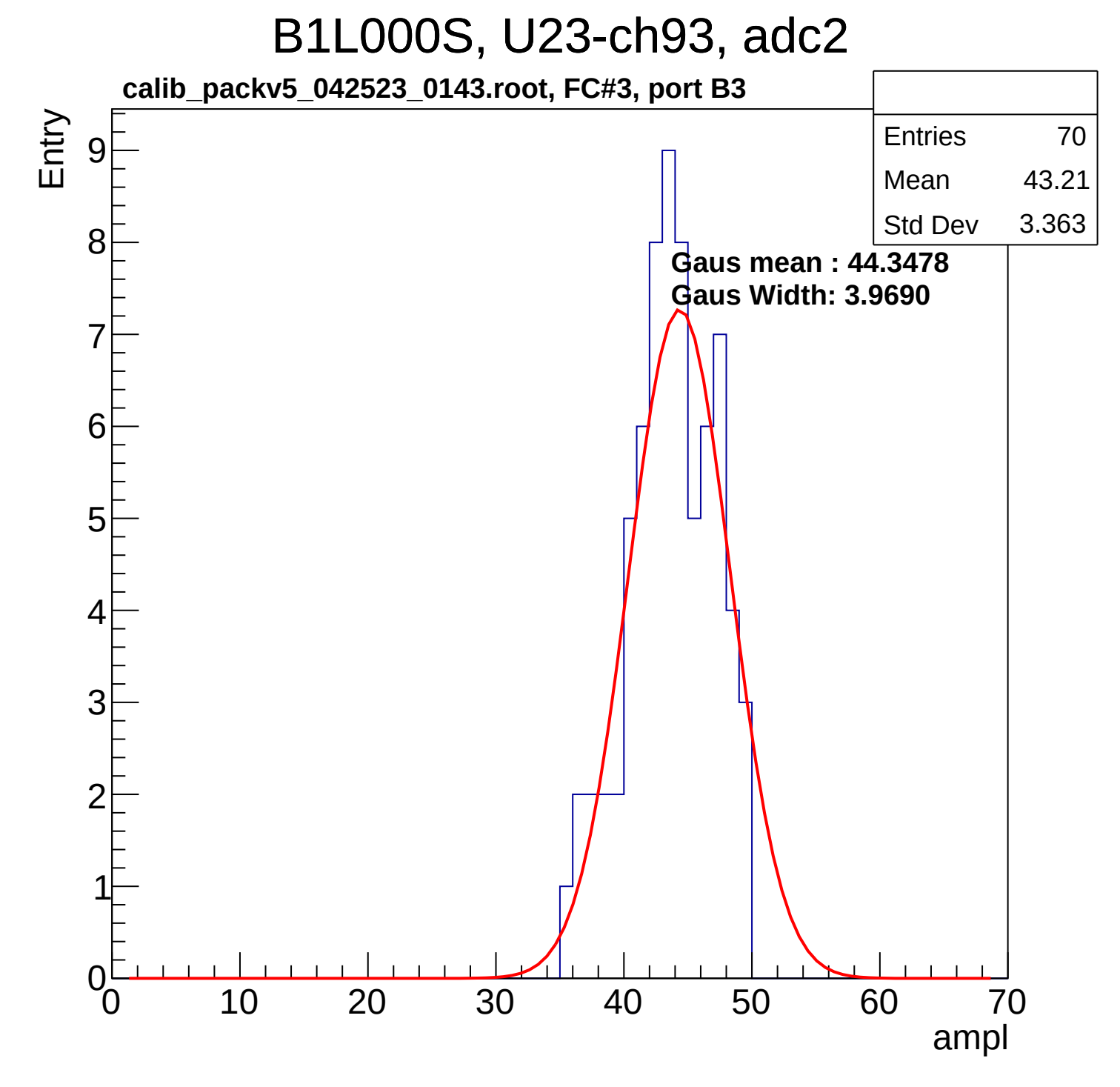
B1L000S, U23-ch93, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 43.21
Std Dev 3.363
Gaus mean : 44.3478
Gaus Width: 3.9690
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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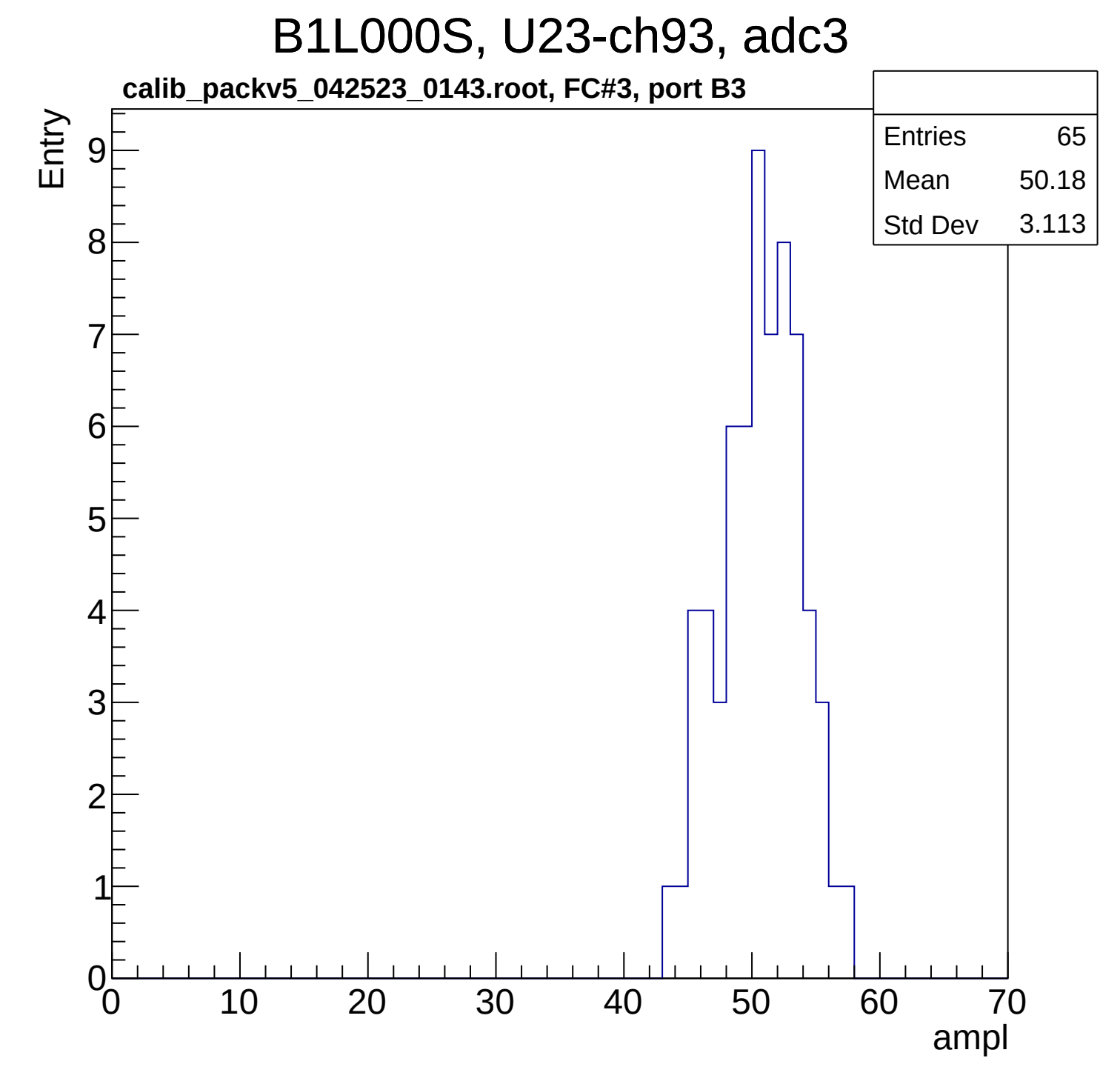
B1L000S, U23-ch93, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 50.18
Std Dev 3.113
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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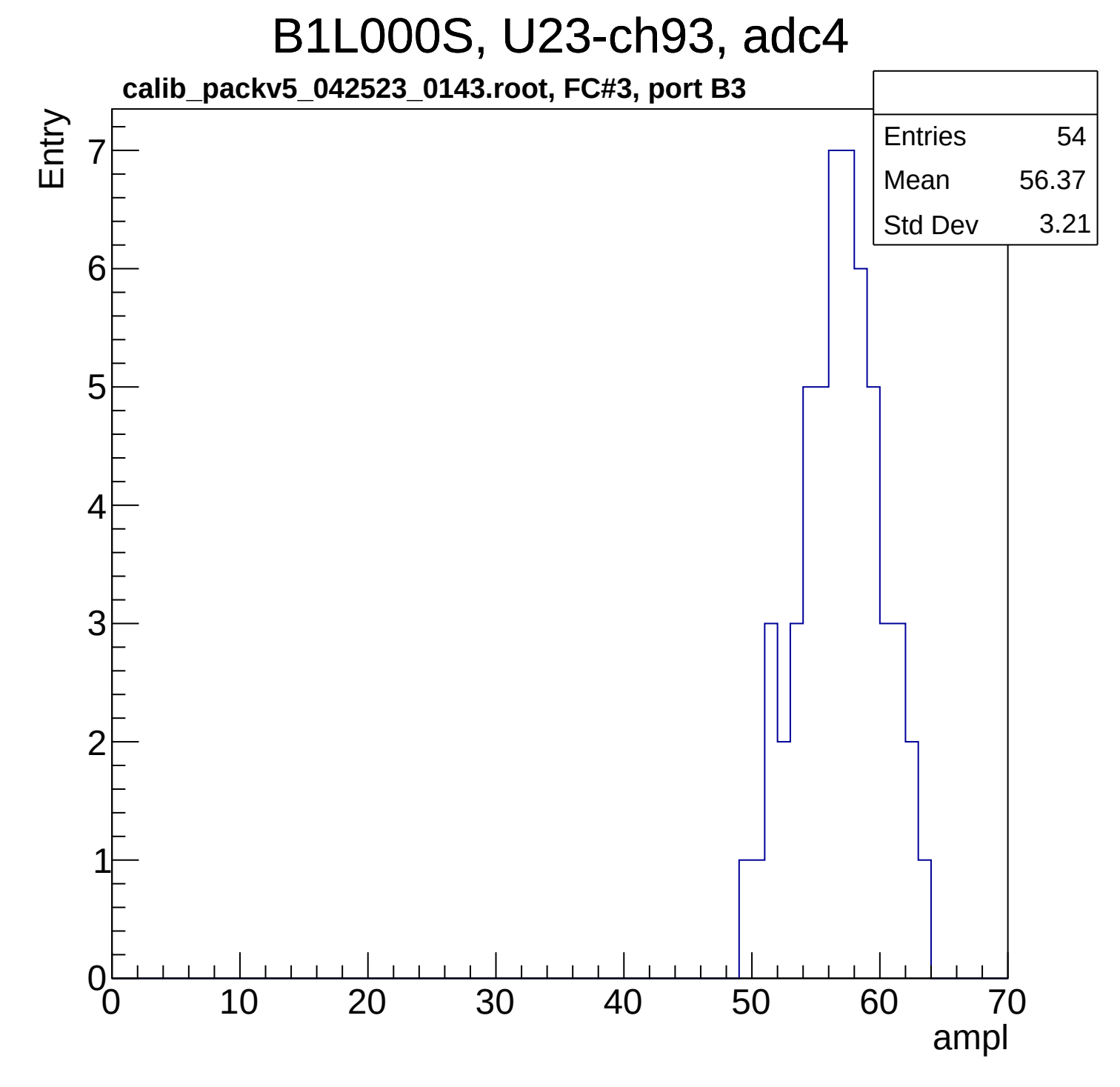
B1L000S, U23-ch93, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 56.37
Std Dev 3.21
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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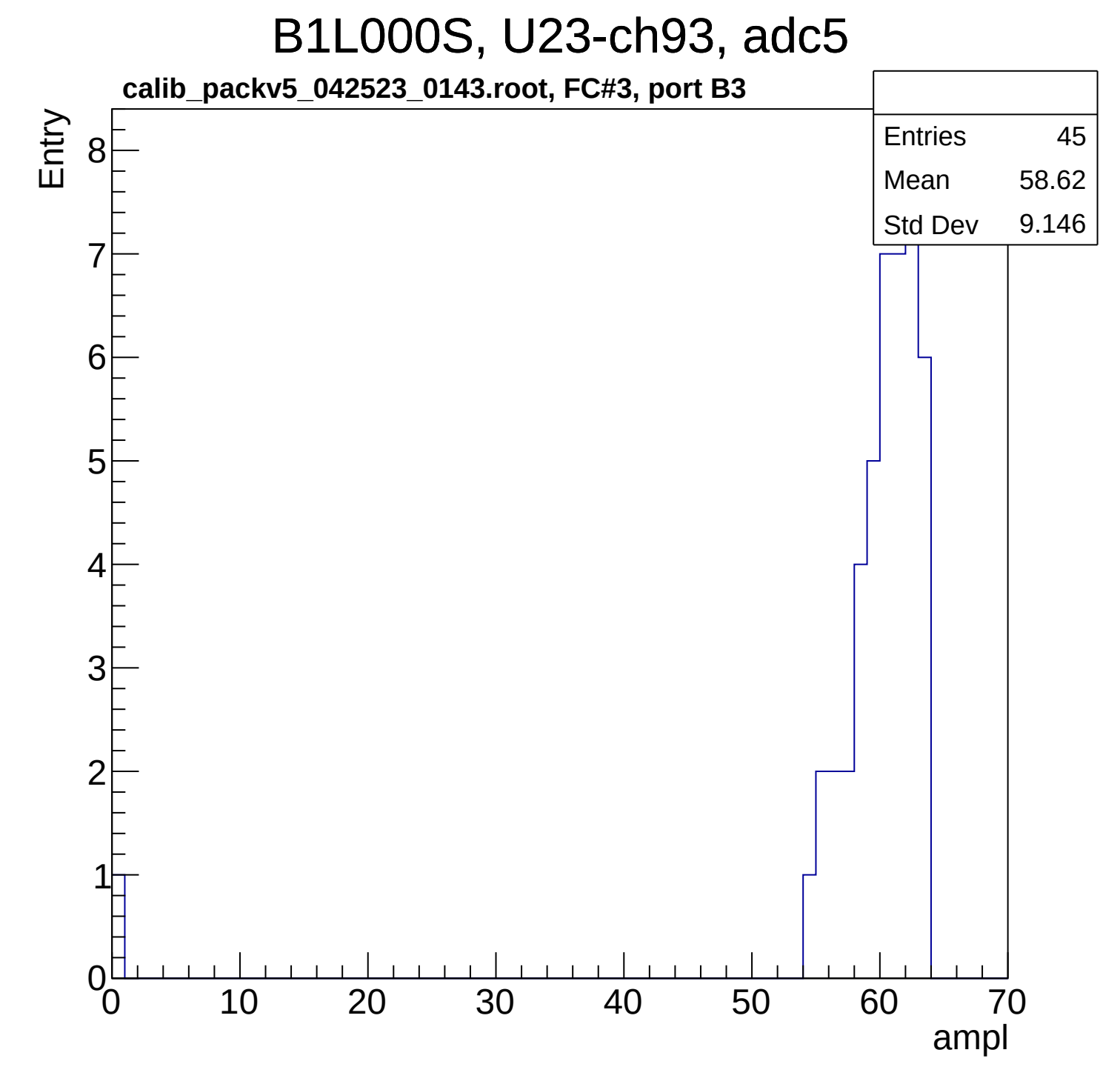
B1L000S, U23-ch93, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.62
Std Dev 9.146
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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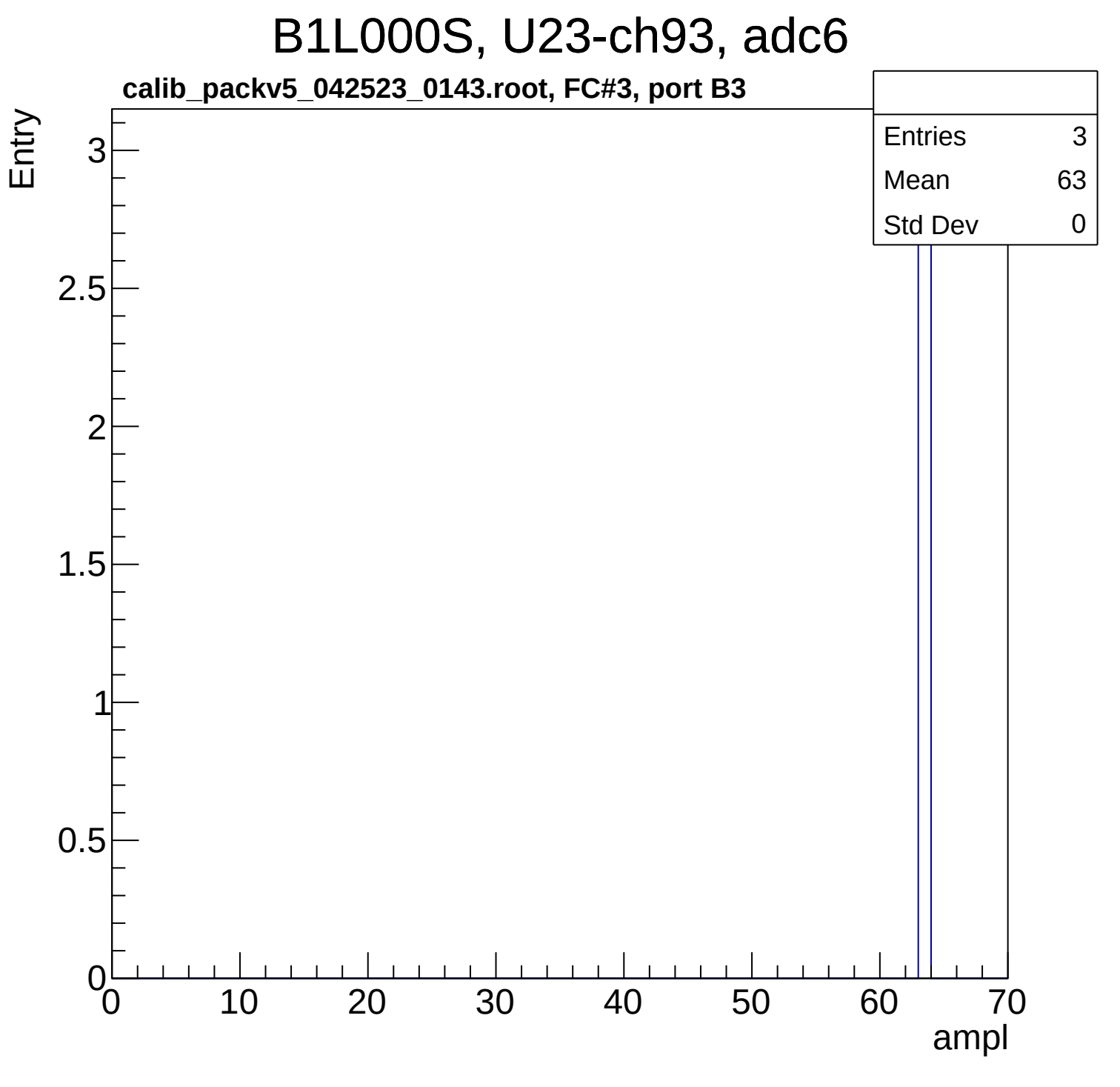
B1L000S, U23-ch93, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 63
Std Dev 0
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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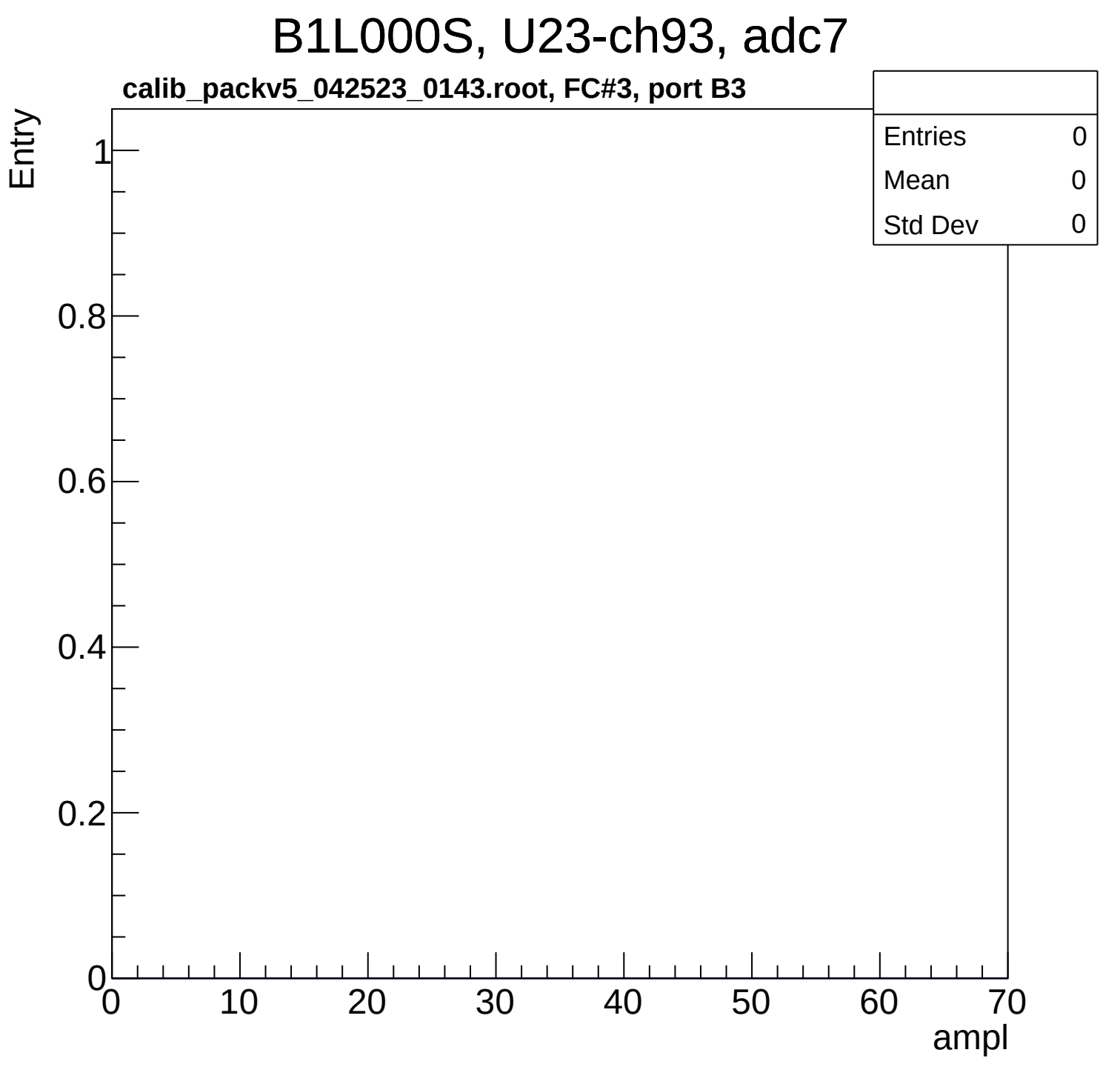
B1L000S, U23-ch93, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
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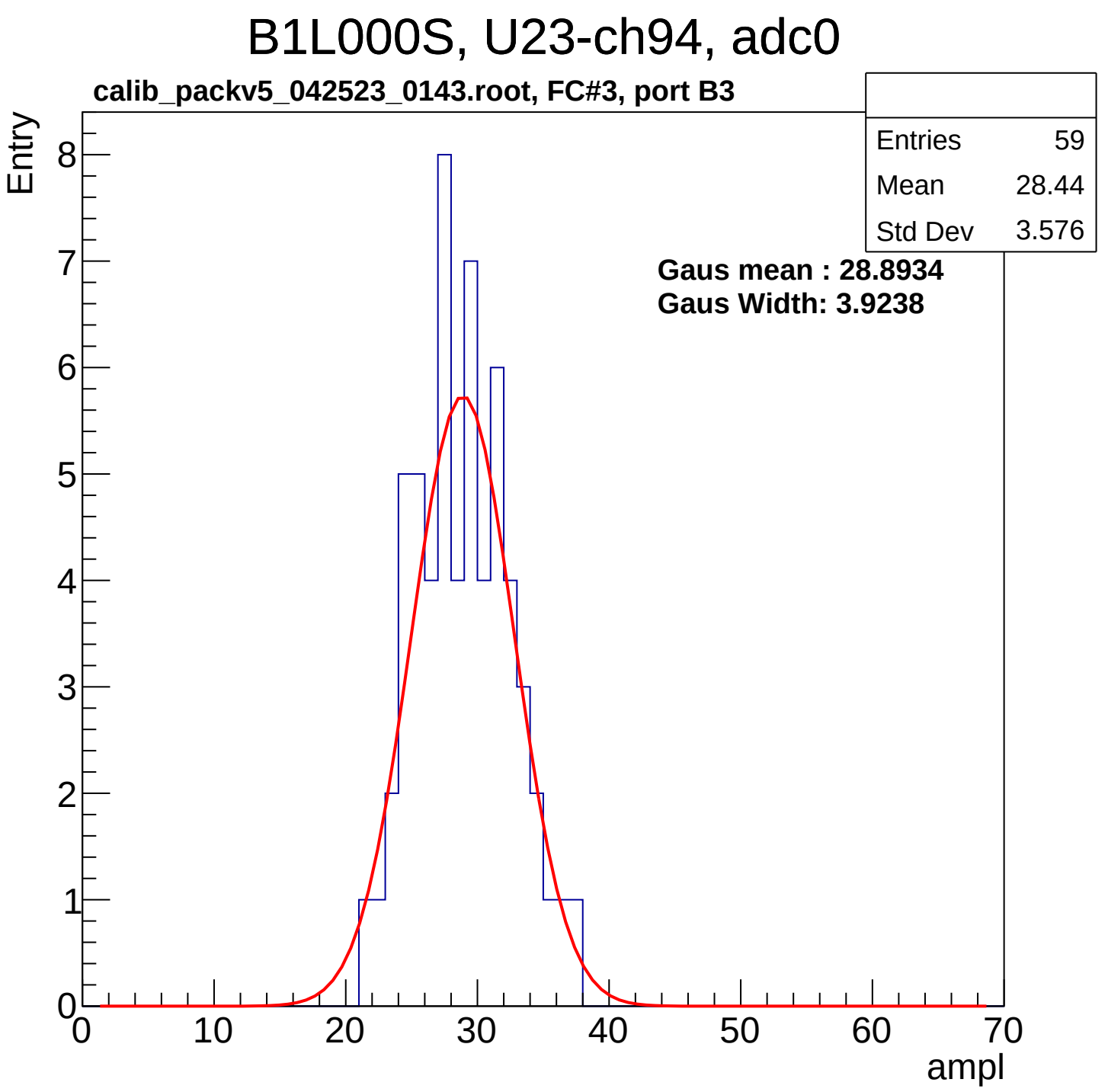
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch94, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.44
Std Dev 3.576
Gaus mean : 28.8934
Gaus Width: 3.9238
Entry
ampl
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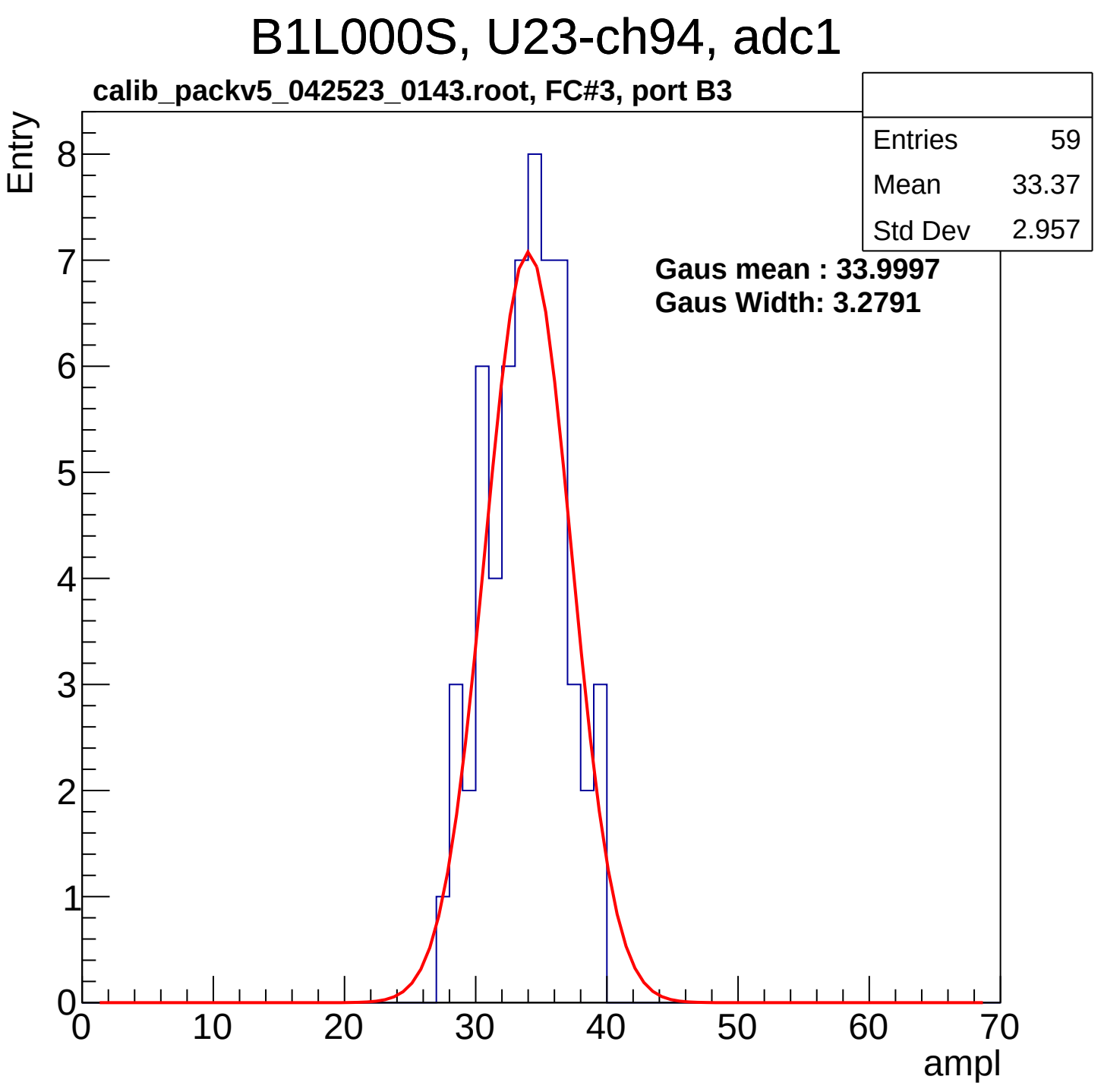
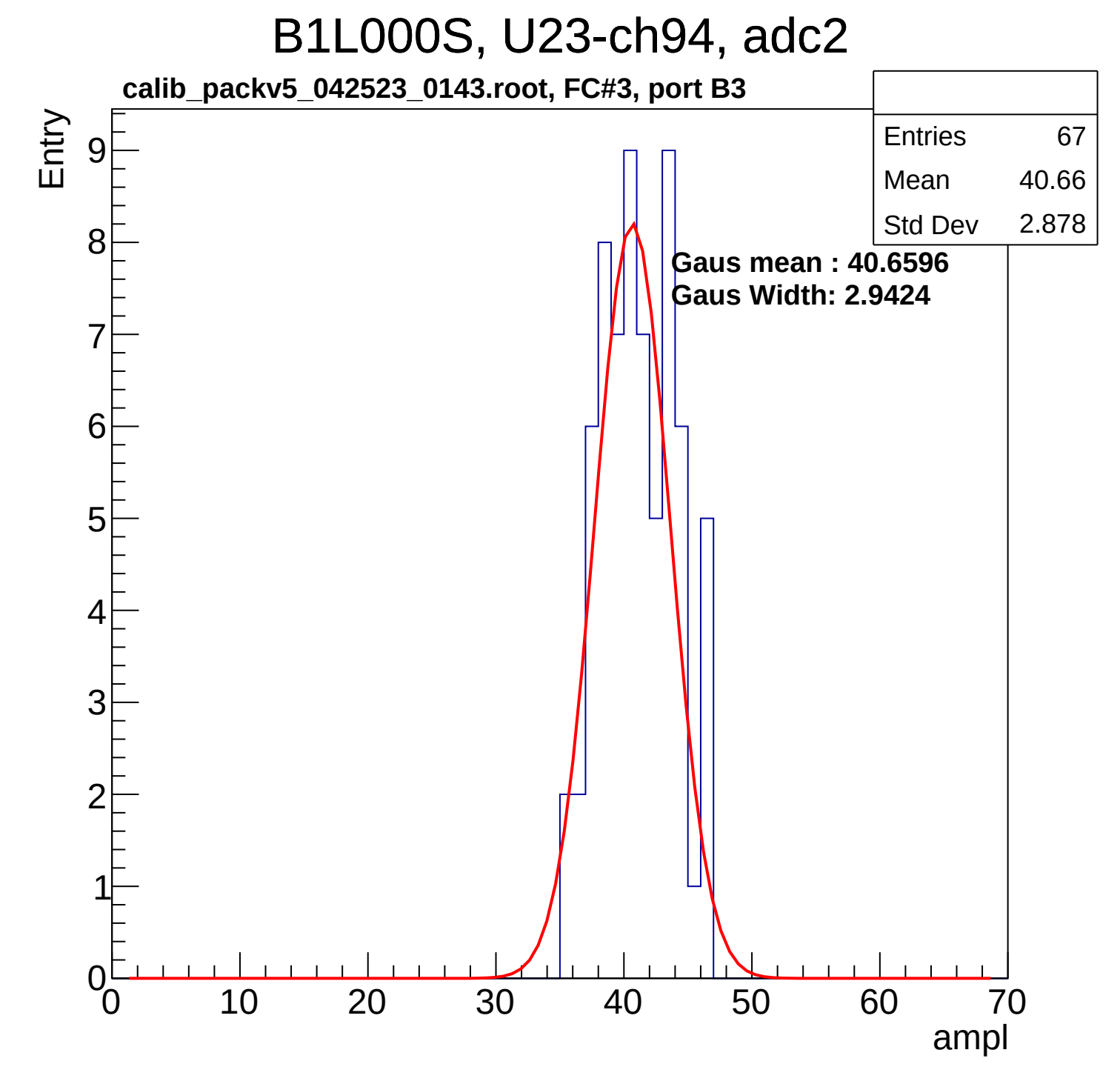
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch94, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 33.37
Std Dev 2.957
Gaus mean : 33.9997
Gaus Width: 3.2791
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch94, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 40.66
Std Dev 2.878
Gaus mean : 40.6596
Gaus Width: 2.9424
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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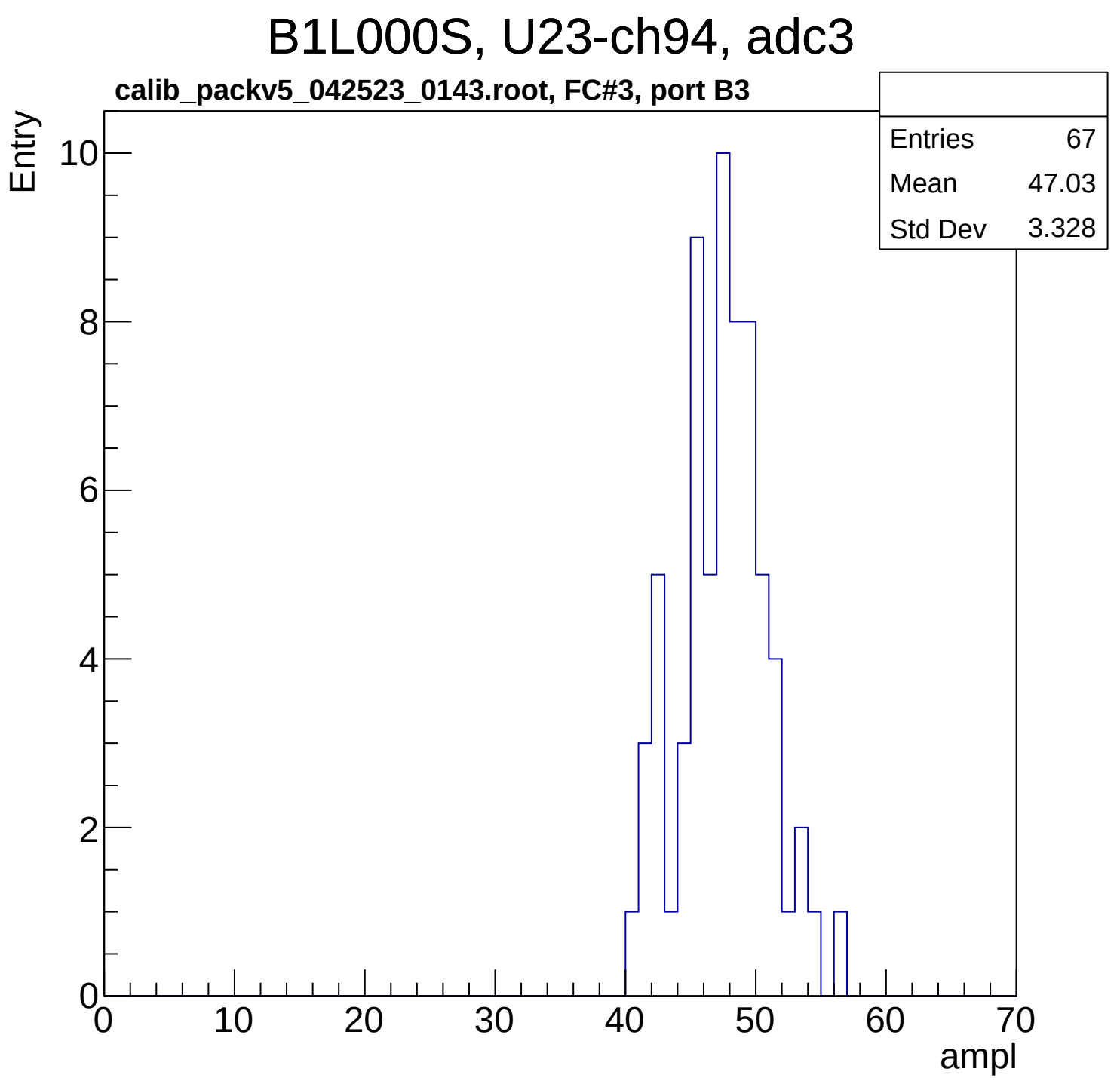
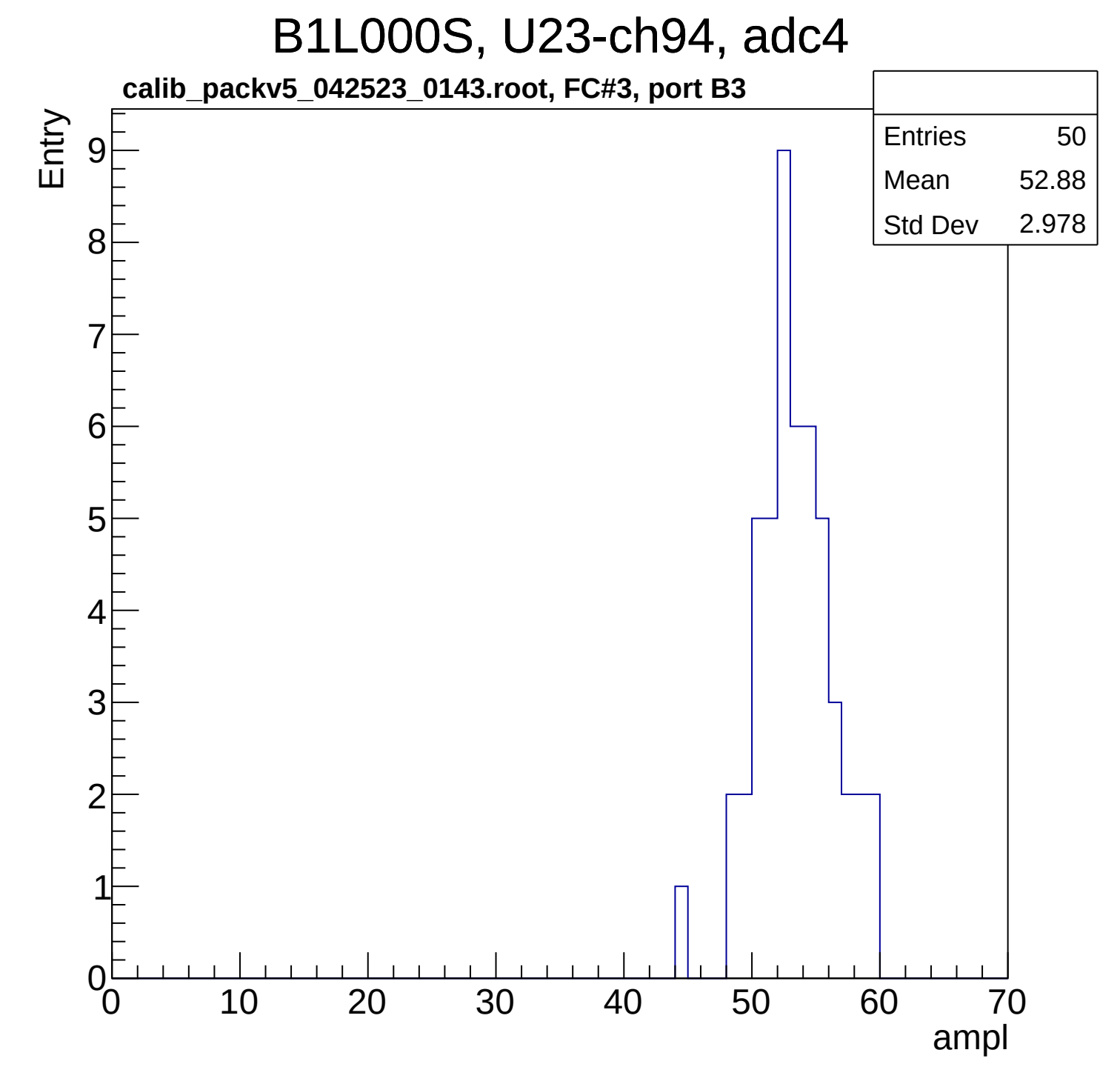
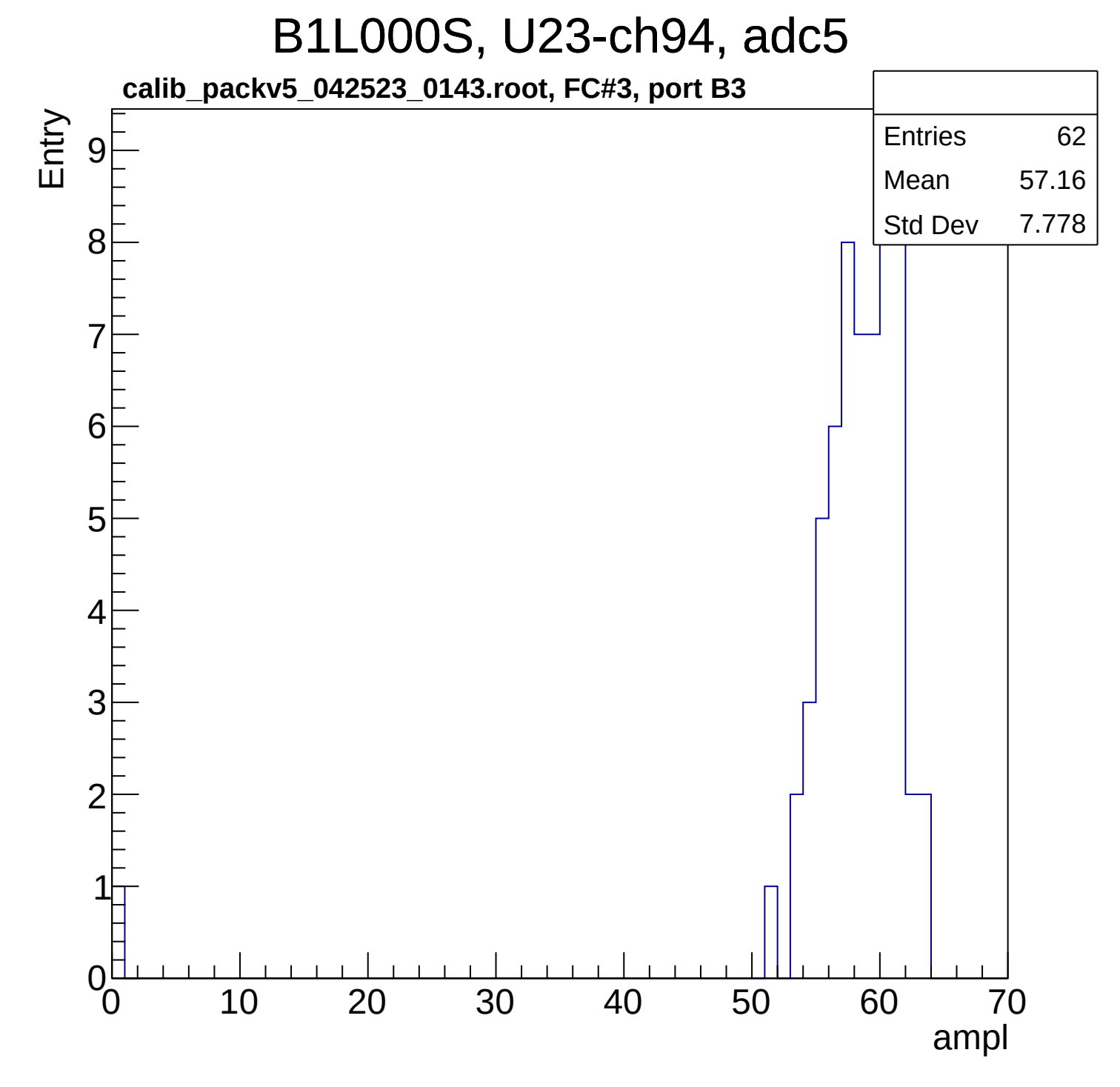

B1L000S, U23-ch94, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.03
Std Dev 3.328
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch94, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 52.88
Std Dev 2.978
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch94, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 57.16
Std Dev 7.778
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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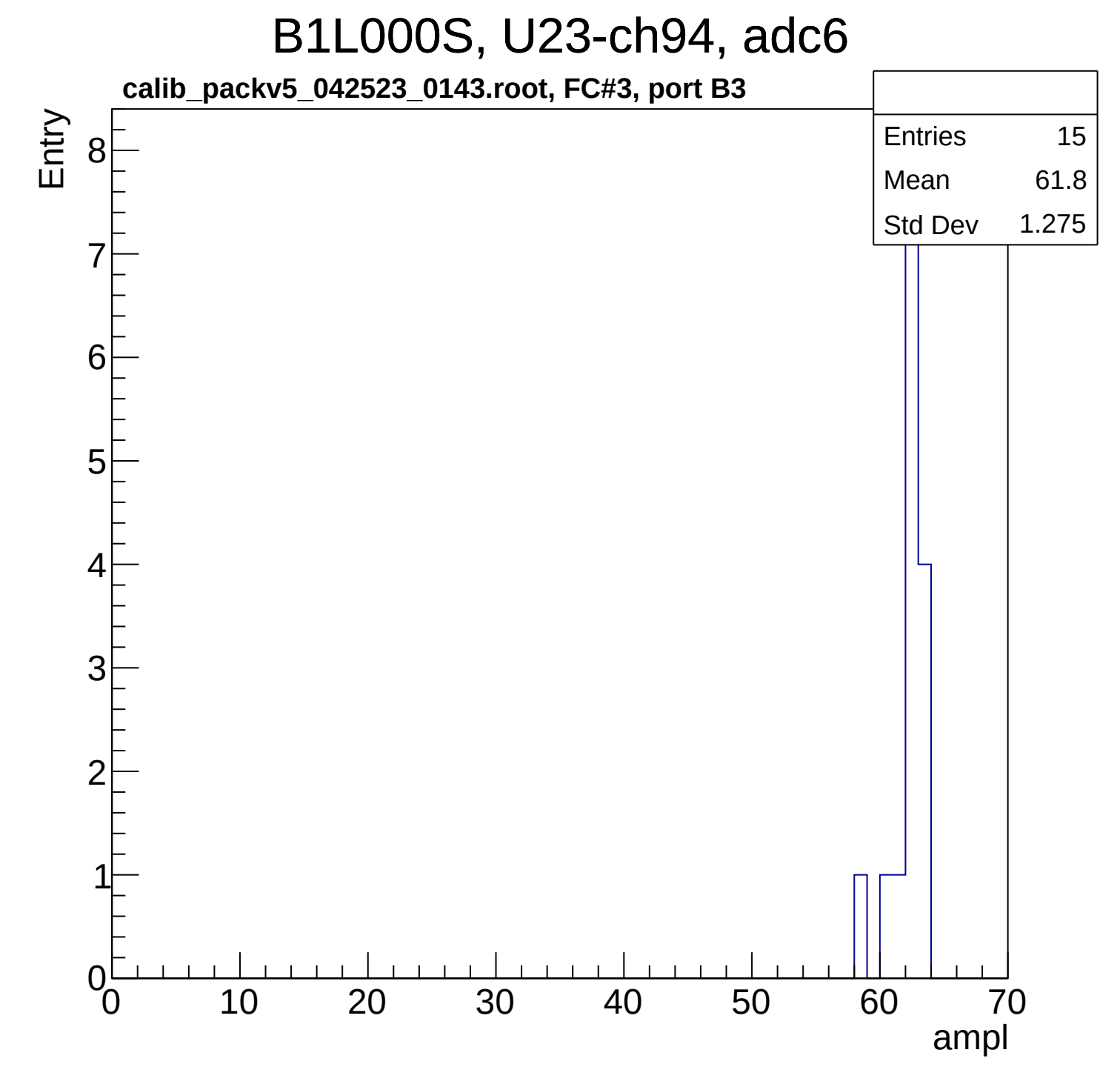
B1L000S, U23-ch94, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.8
Std Dev 1.275
Entry
ampl
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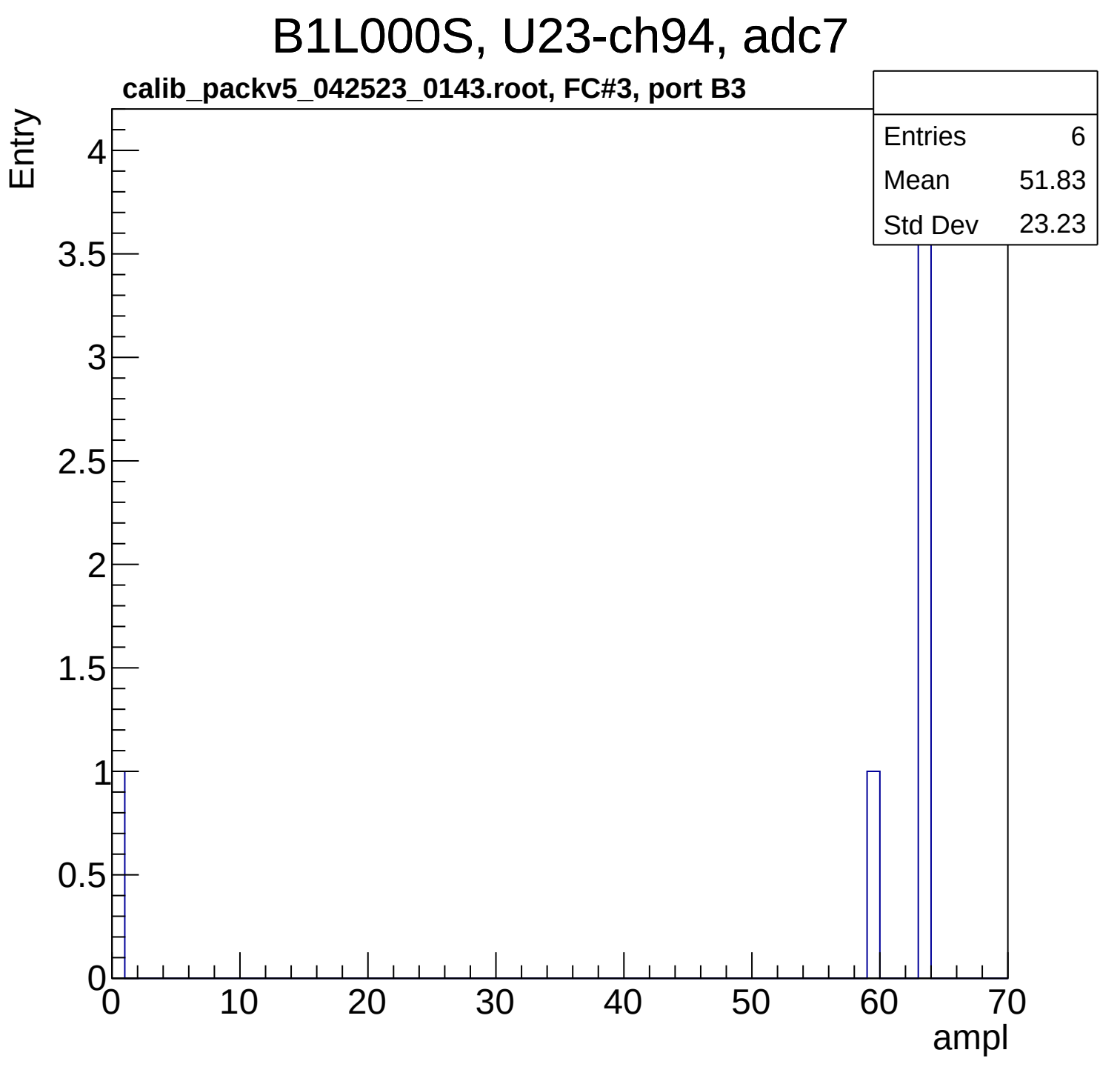
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch94, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 51.83
Std Dev 23.23
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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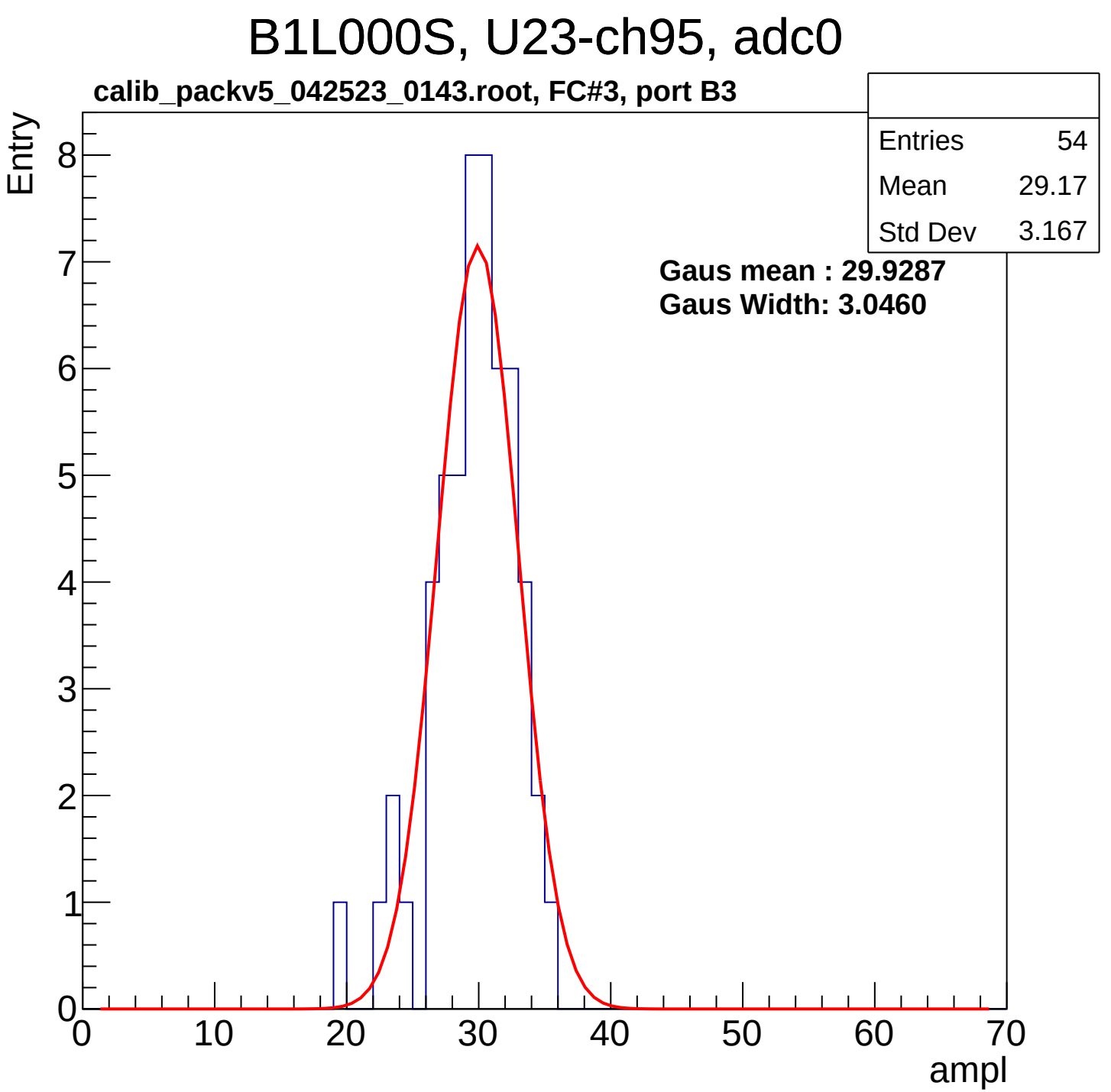
B1L000S, U23-ch95, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 29.17
Std Dev 3.167
Gaus mean : 29.9287
Gaus Width: 3.0460
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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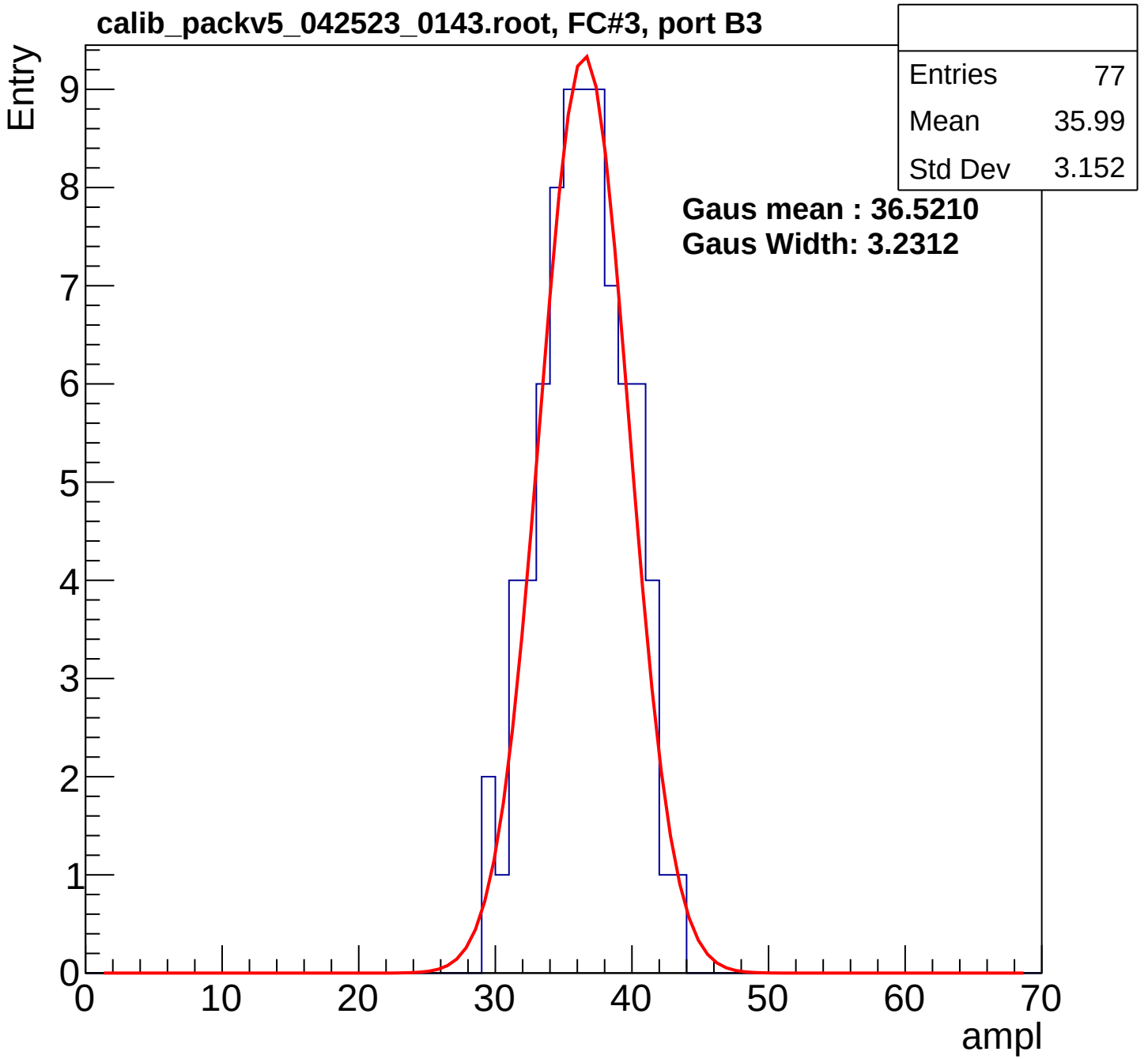
40
50
60
70


B1L000S, U23-ch95, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 35.99
Std Dev 3.152
Gaus mean : 36.5210
Gaus Width: 3.2312
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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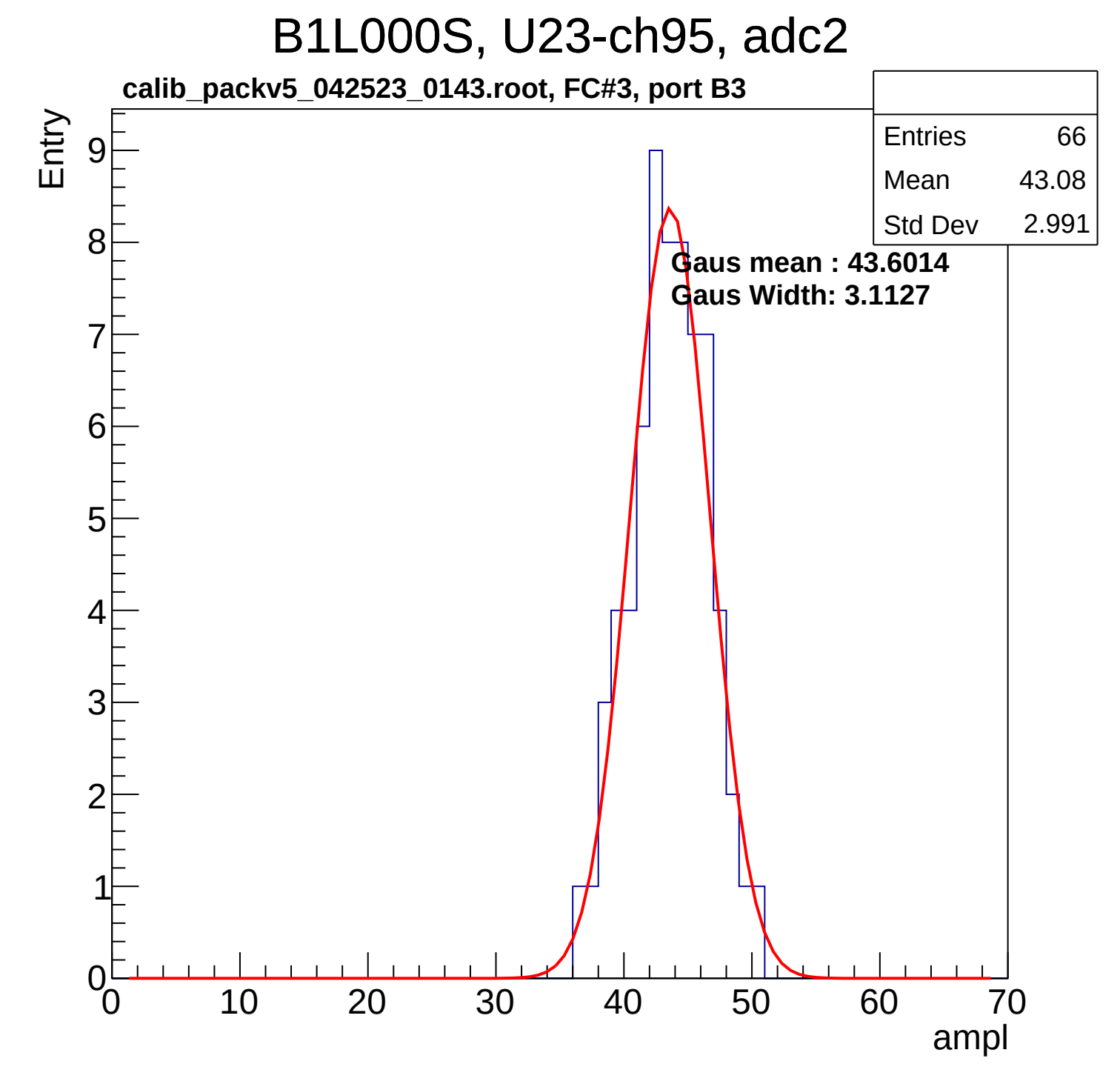
B1L000S, U23-ch95, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.08
Std Dev 2.991
Gaus mean : 43.6014
Gaus Width: 3.1127
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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60
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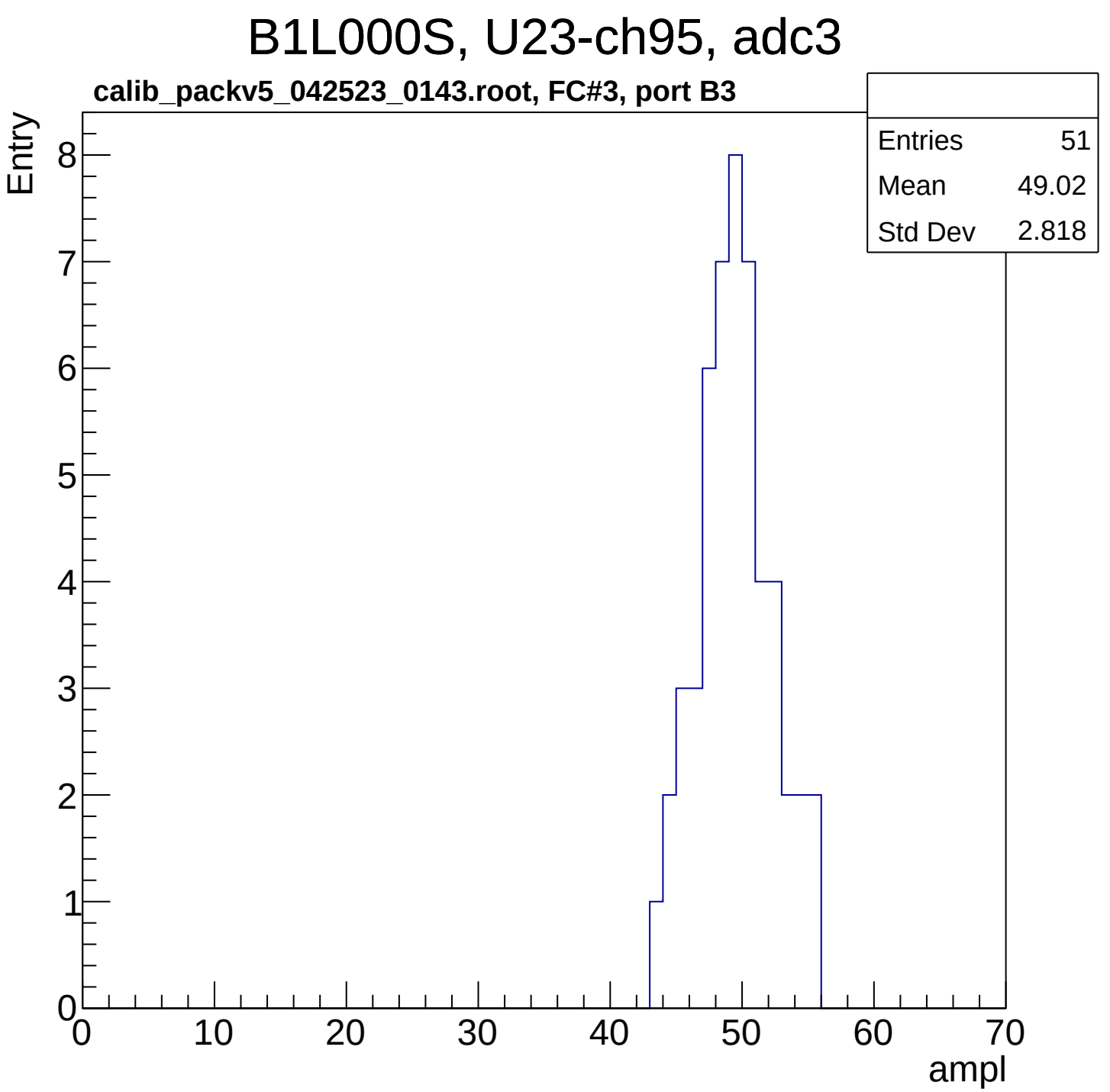
B1L000S, U23-ch95, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 49.02
Std Dev 2.818
Entry
ampl
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7
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0
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60
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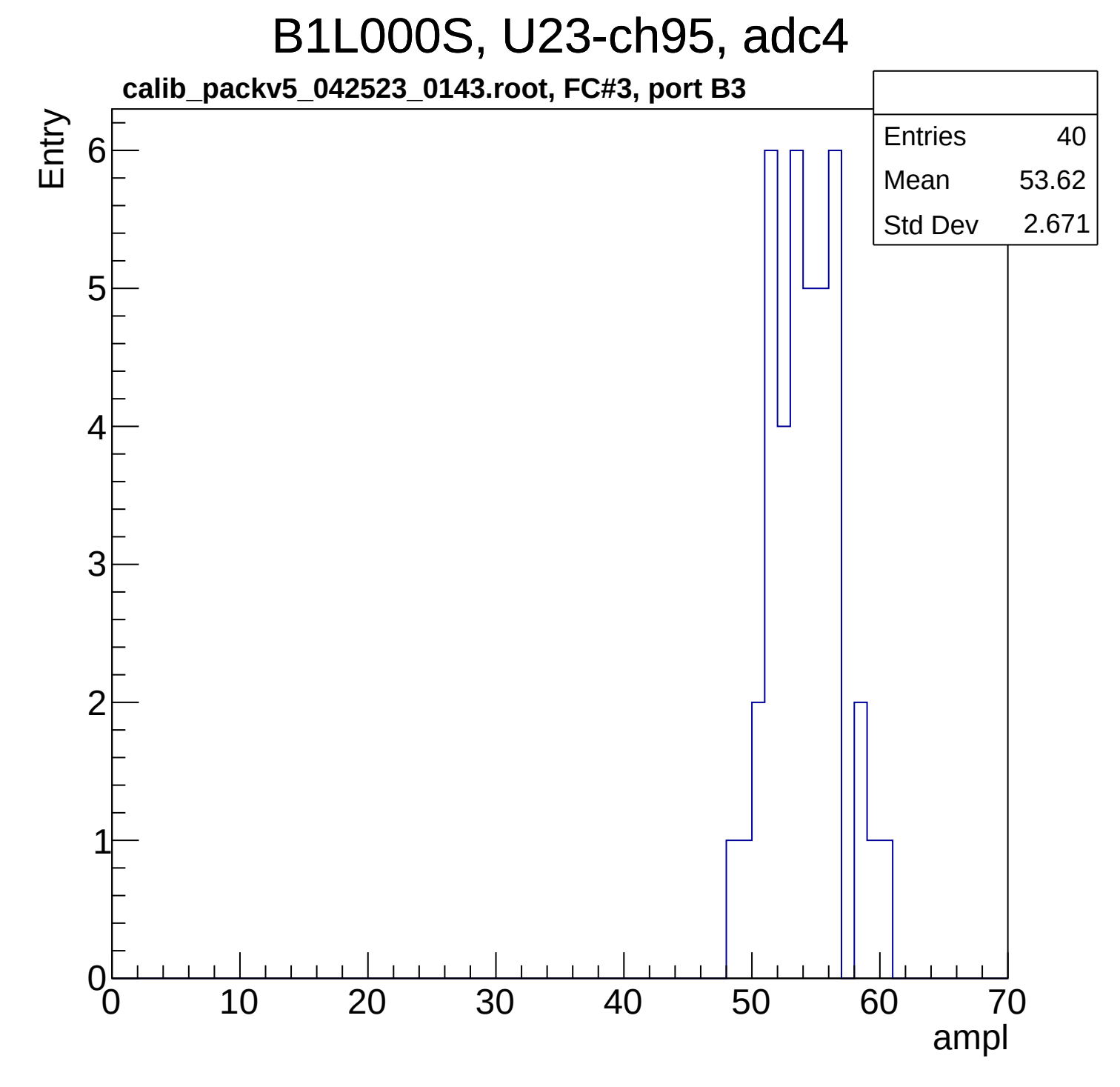
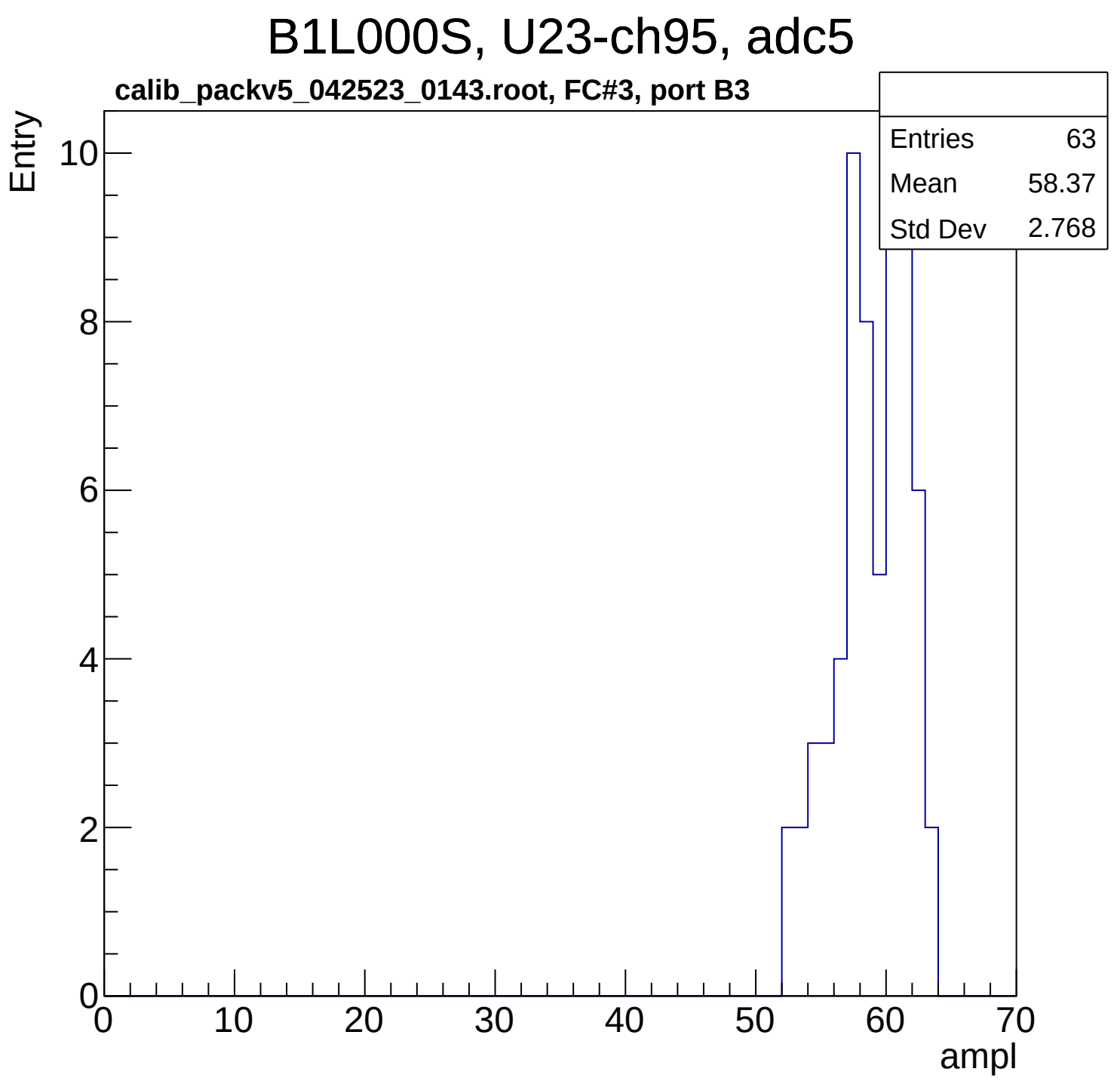
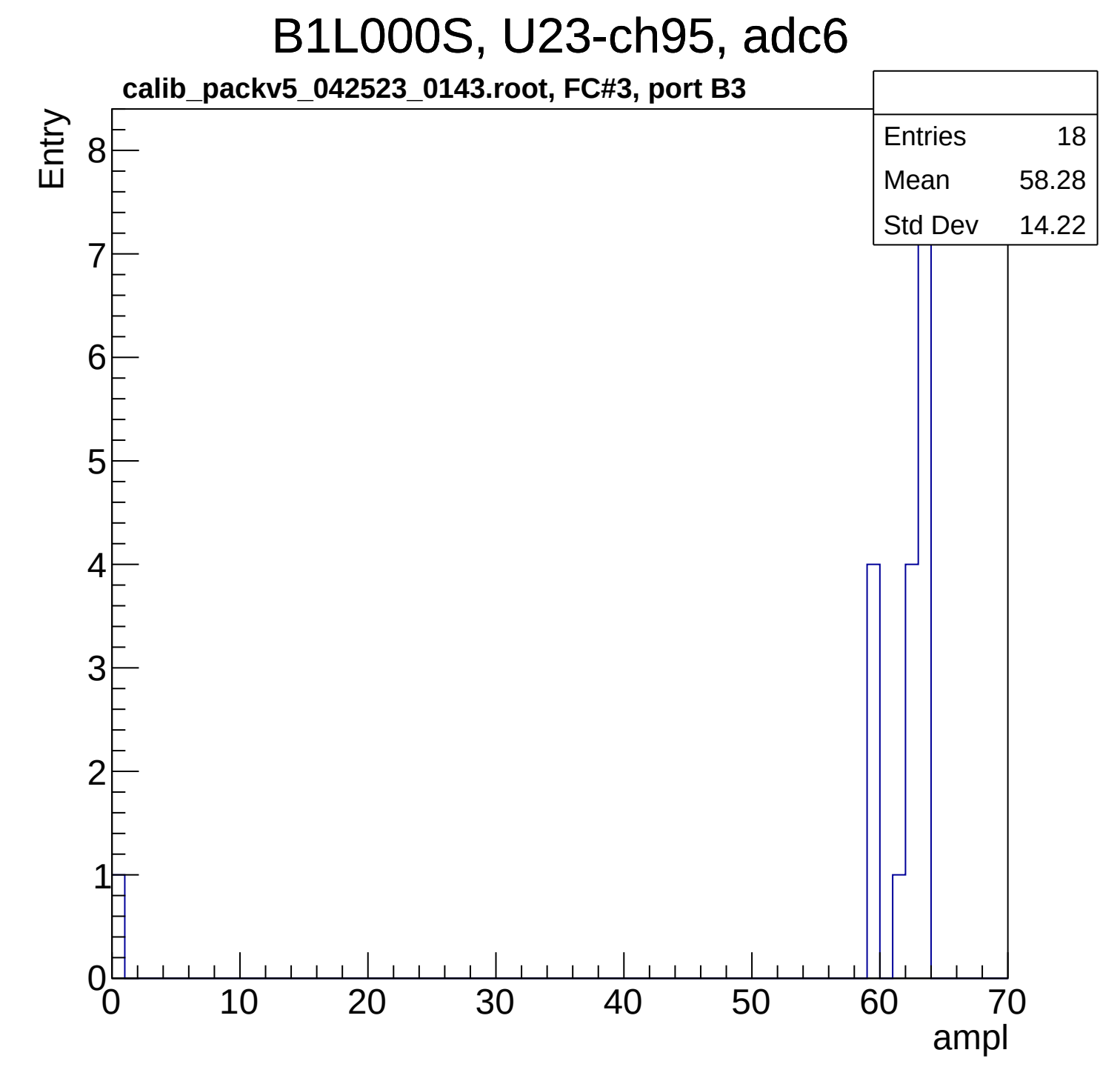

B1L000S, U23-ch95, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 53.62
Std Dev 2.671
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch95, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 58.37
Std Dev 2.768
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch95, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.28
Std Dev 14.22
Entry
ampl
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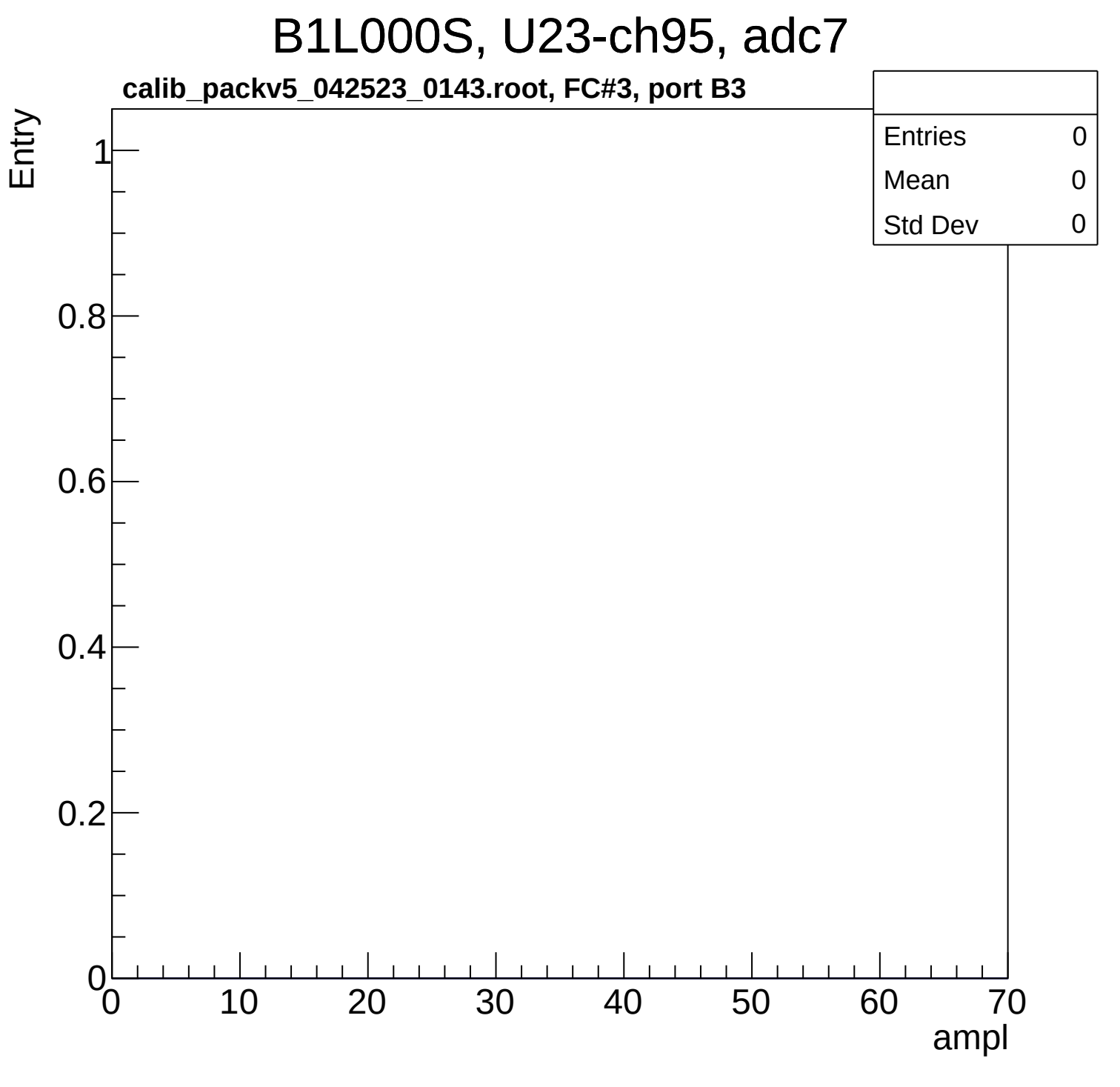
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch95, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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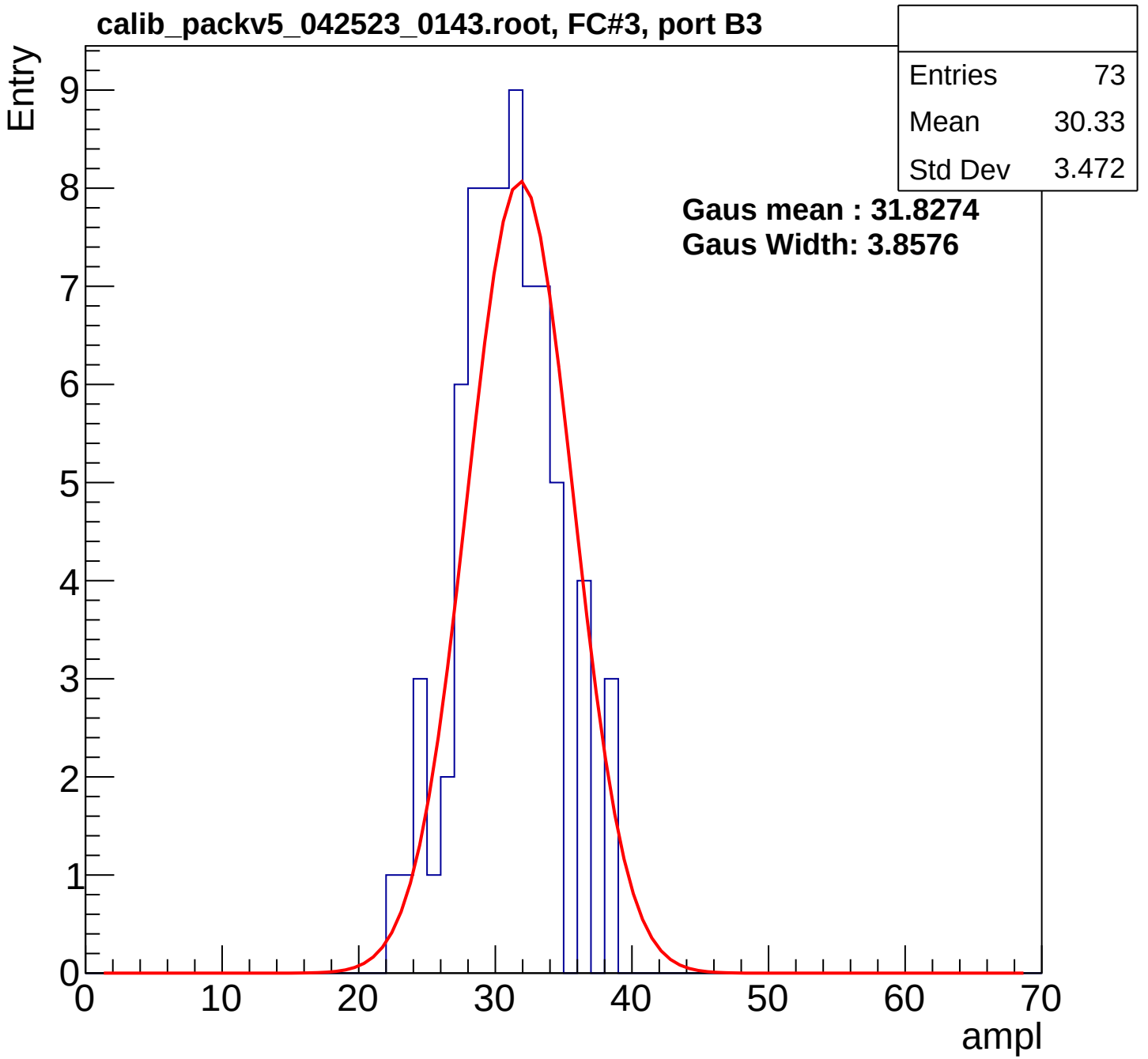
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch96, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 30.33
Std Dev 3.472
Gaus mean : 31.8274
Gaus Width: 3.8576
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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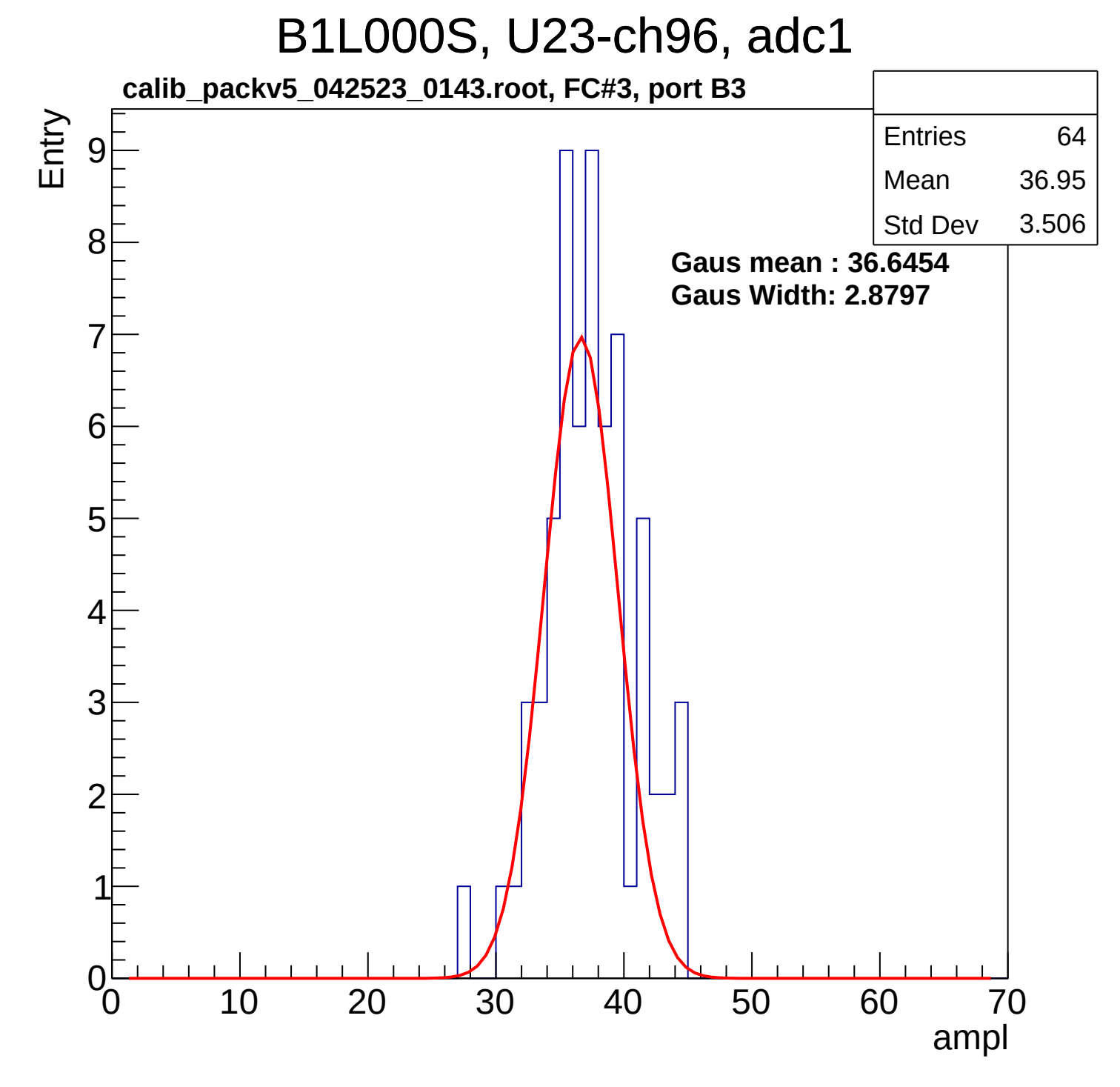
B1L000S, U23-ch96, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.95
Std Dev 3.506
Gaus mean : 36.6454
Gaus Width: 2.8797
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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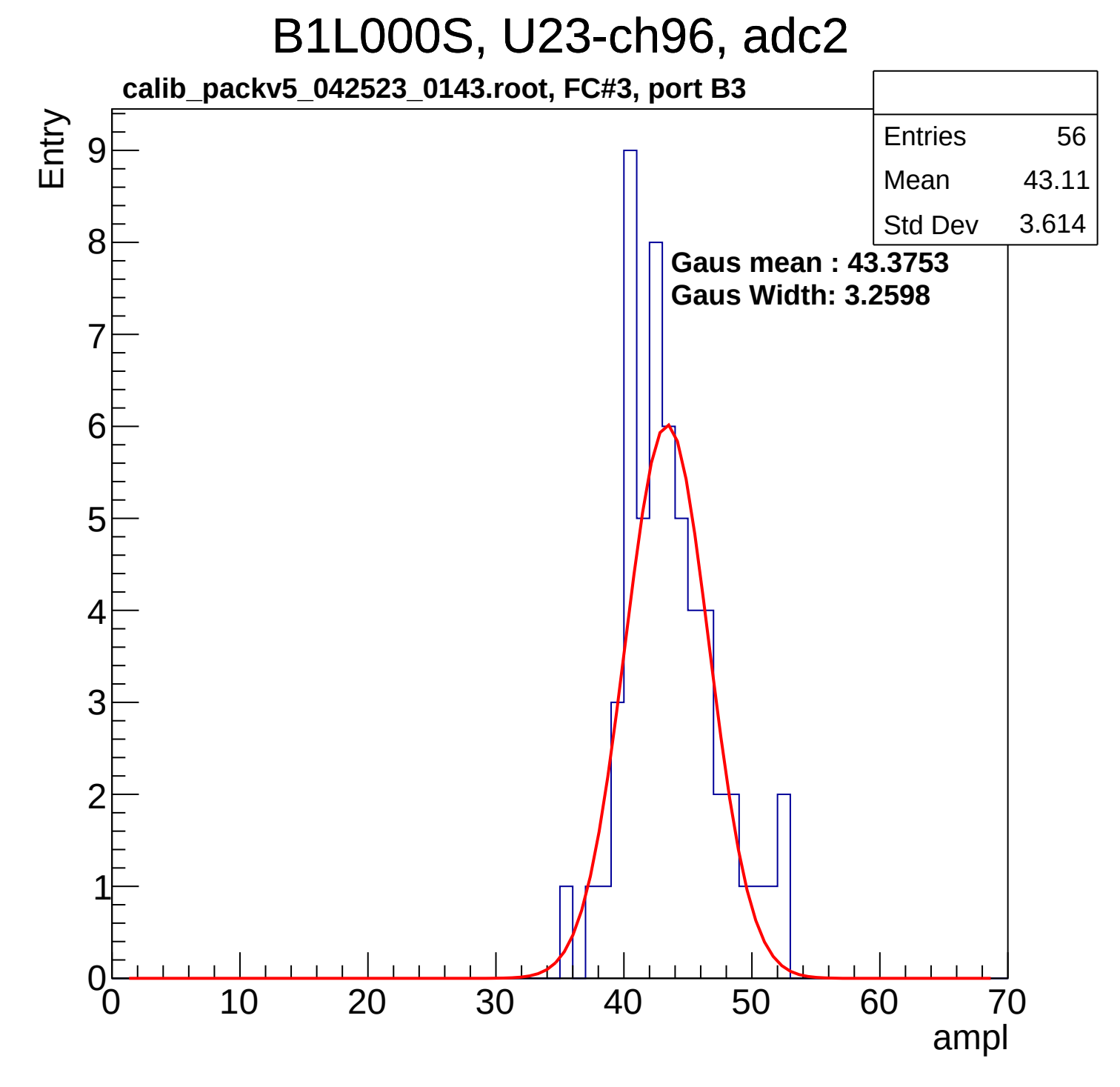
B1L000S, U23-ch96, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 43.11
Std Dev 3.614
Gaus mean : 43.3753
Gaus Width: 3.2598
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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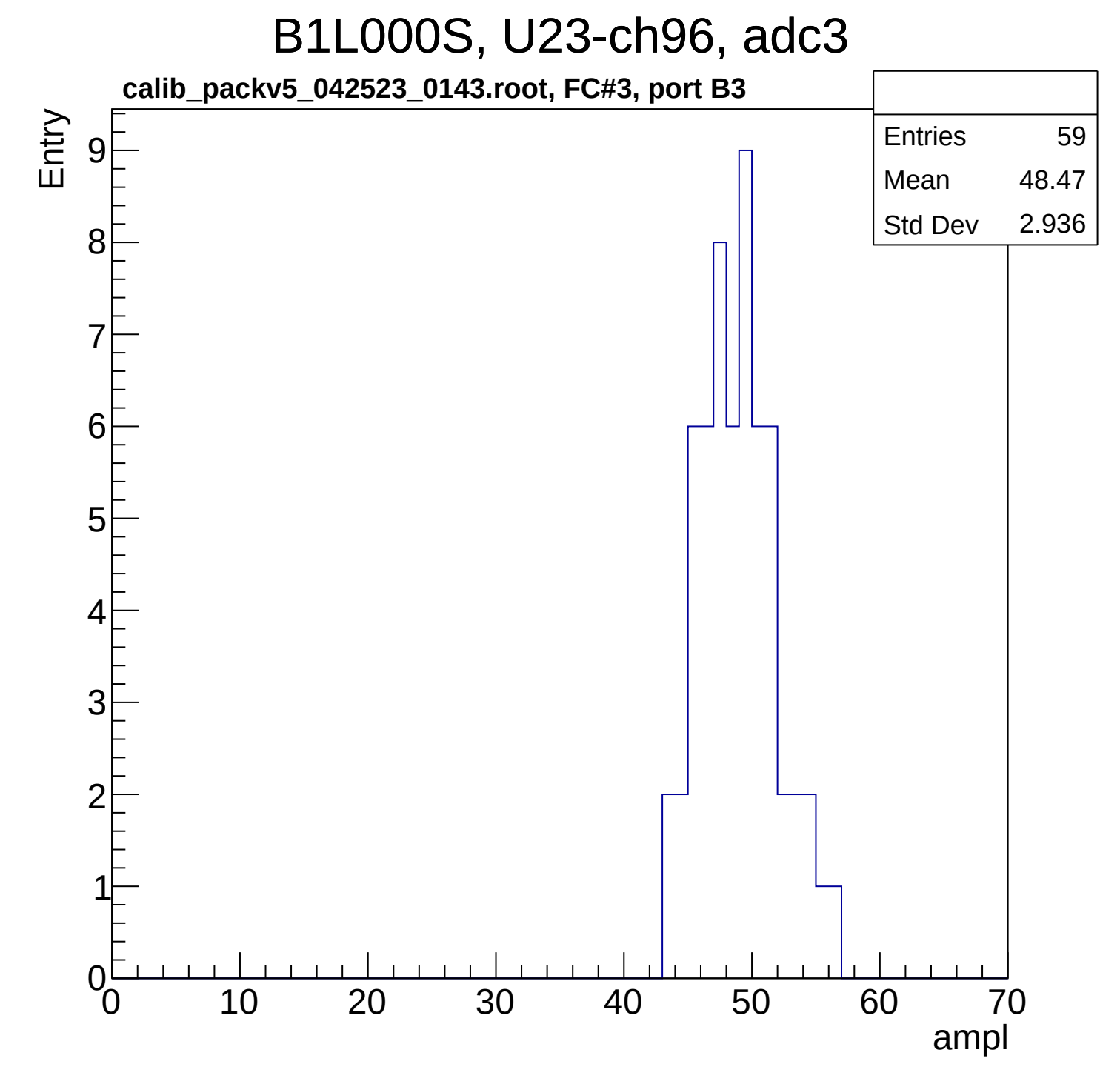
B1L000S, U23-ch96, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.47
Std Dev 2.936
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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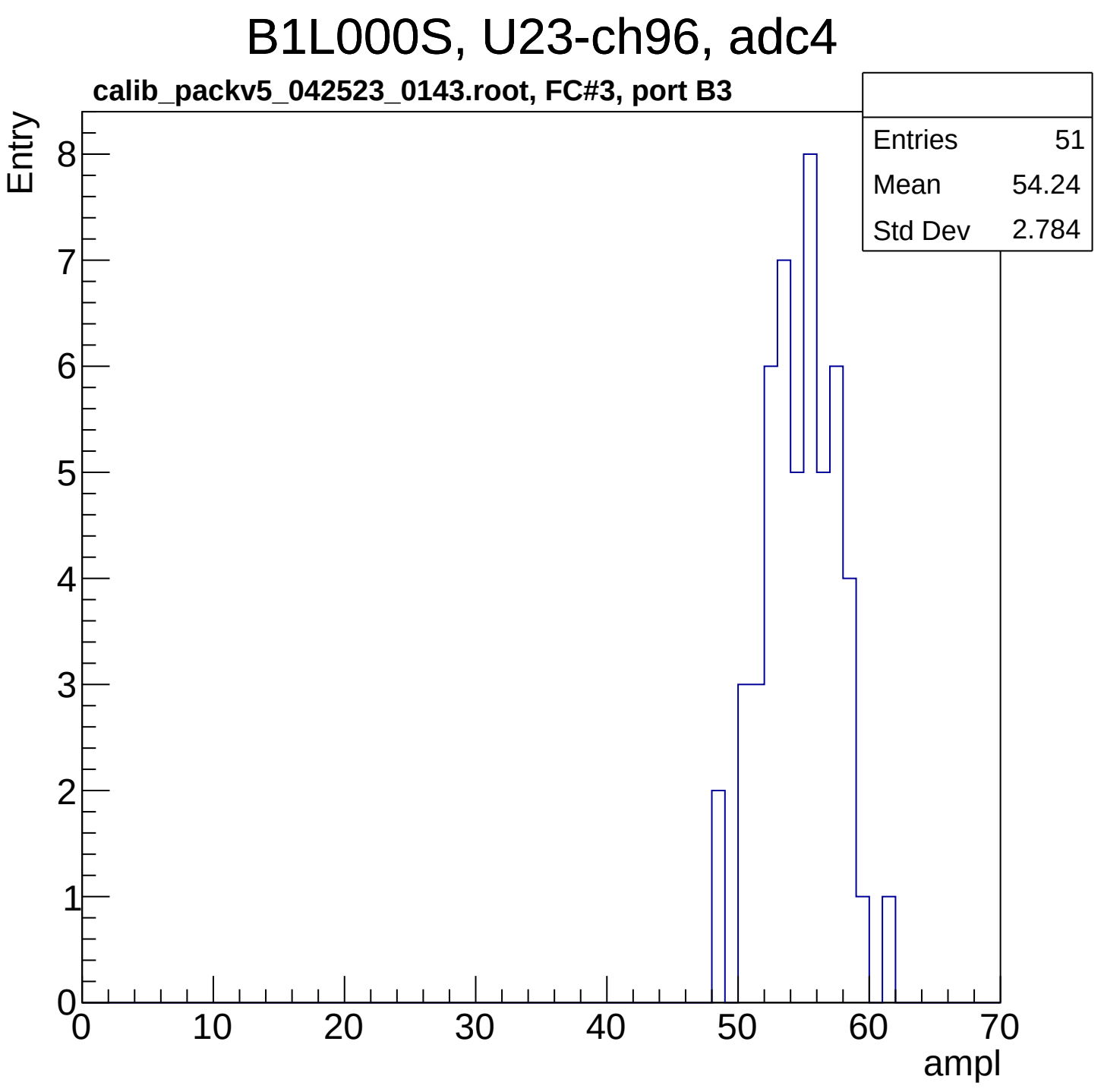
B1L000S, U23-ch96, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 54.24
Std Dev 2.784
Entry
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2
3
4
5
6
7
8
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10
20
30
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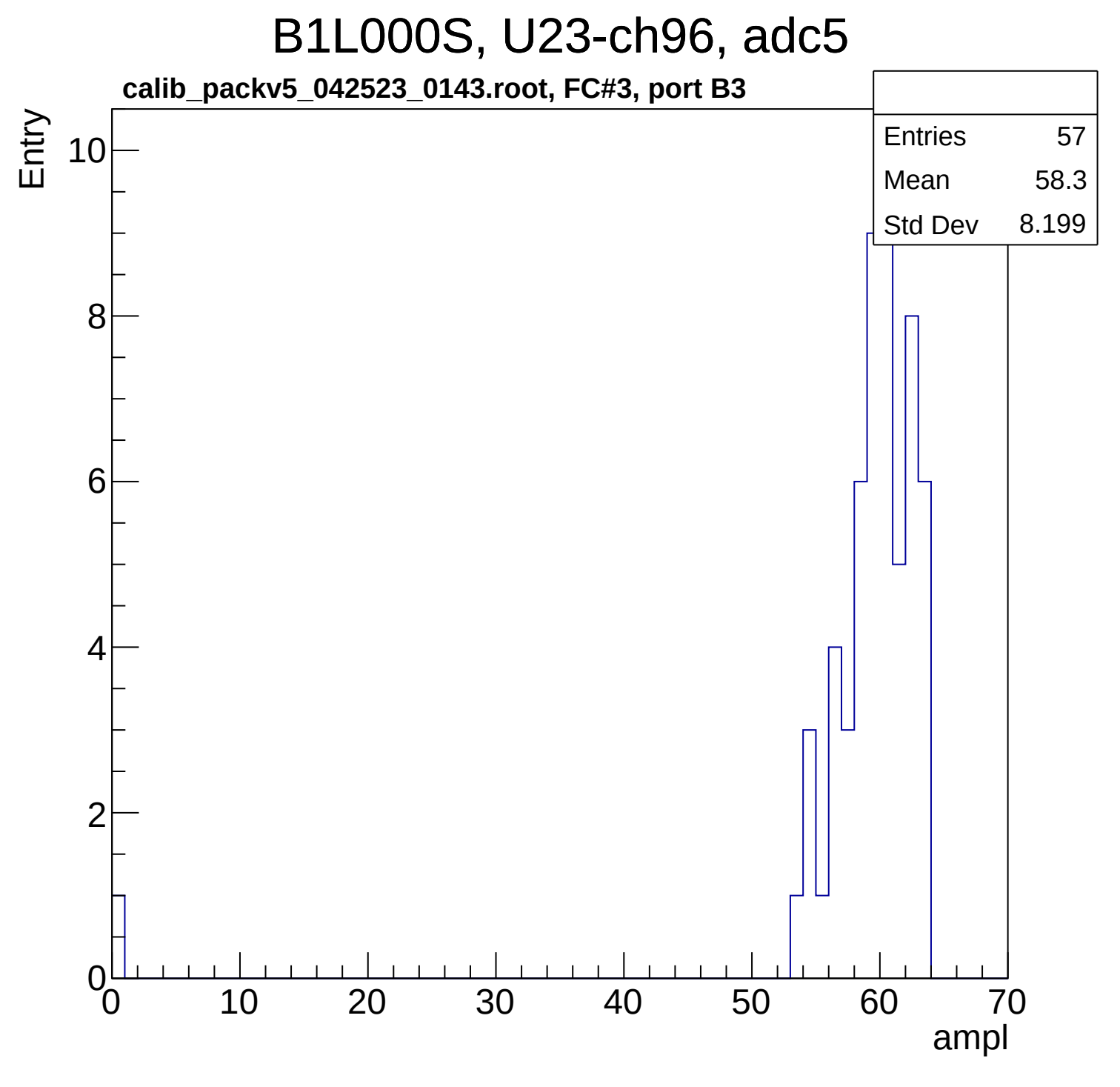
50
60
70
ampl


B1L000S, U23-ch96, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.3
Std Dev 8.199
Entry
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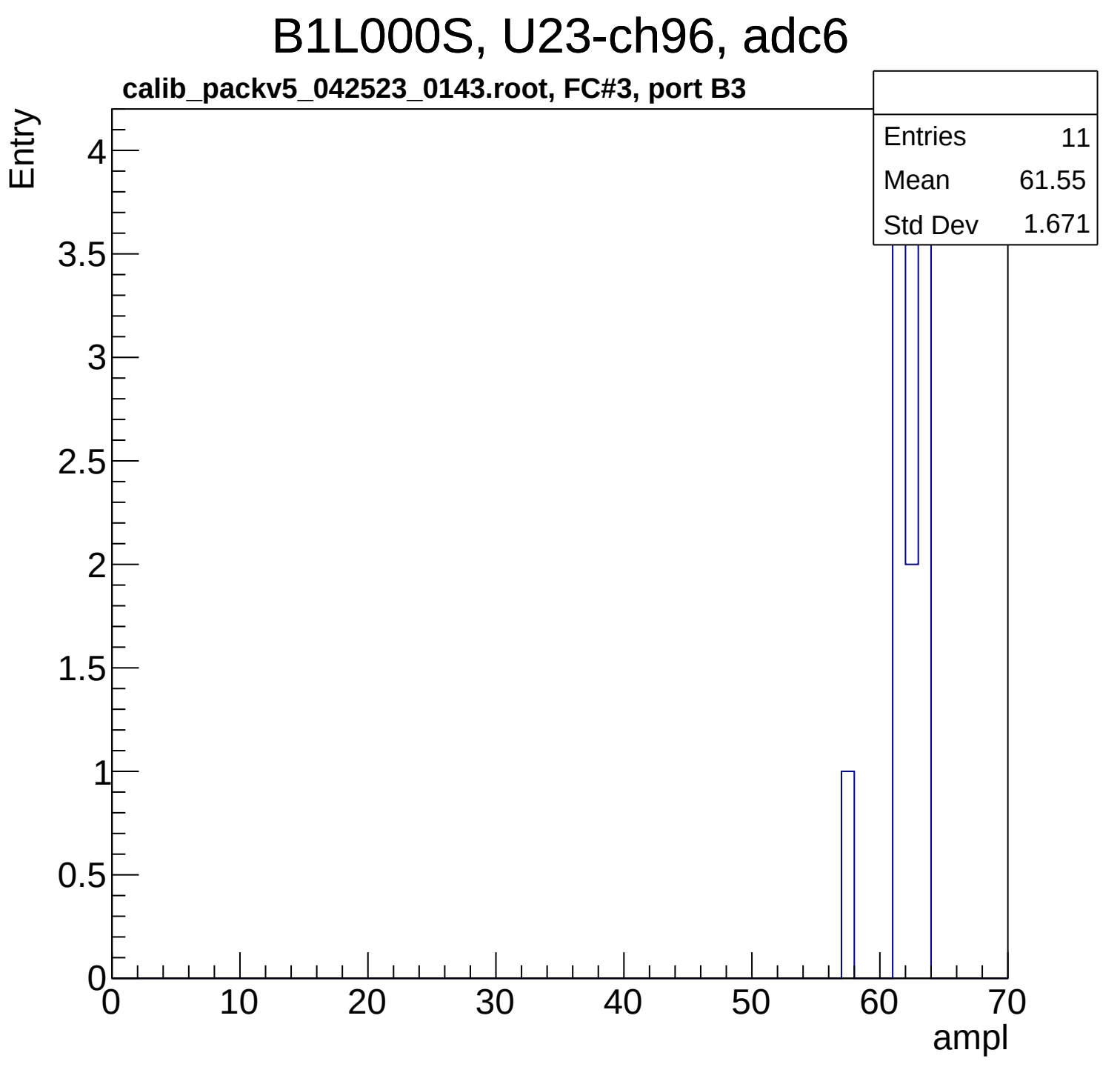
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch96, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.55
Std Dev 1.671
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
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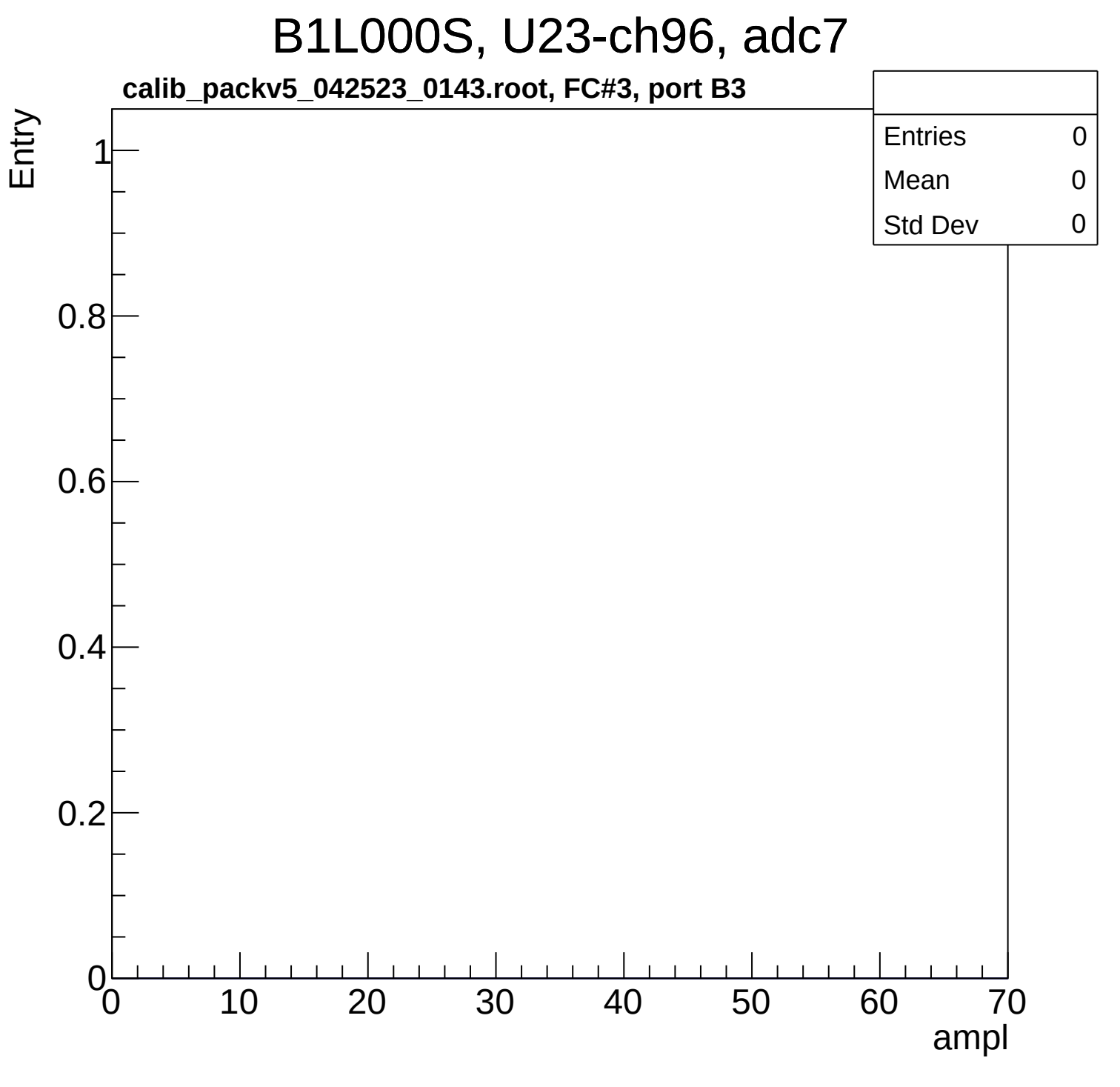
B1L000S, U23-ch96, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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50
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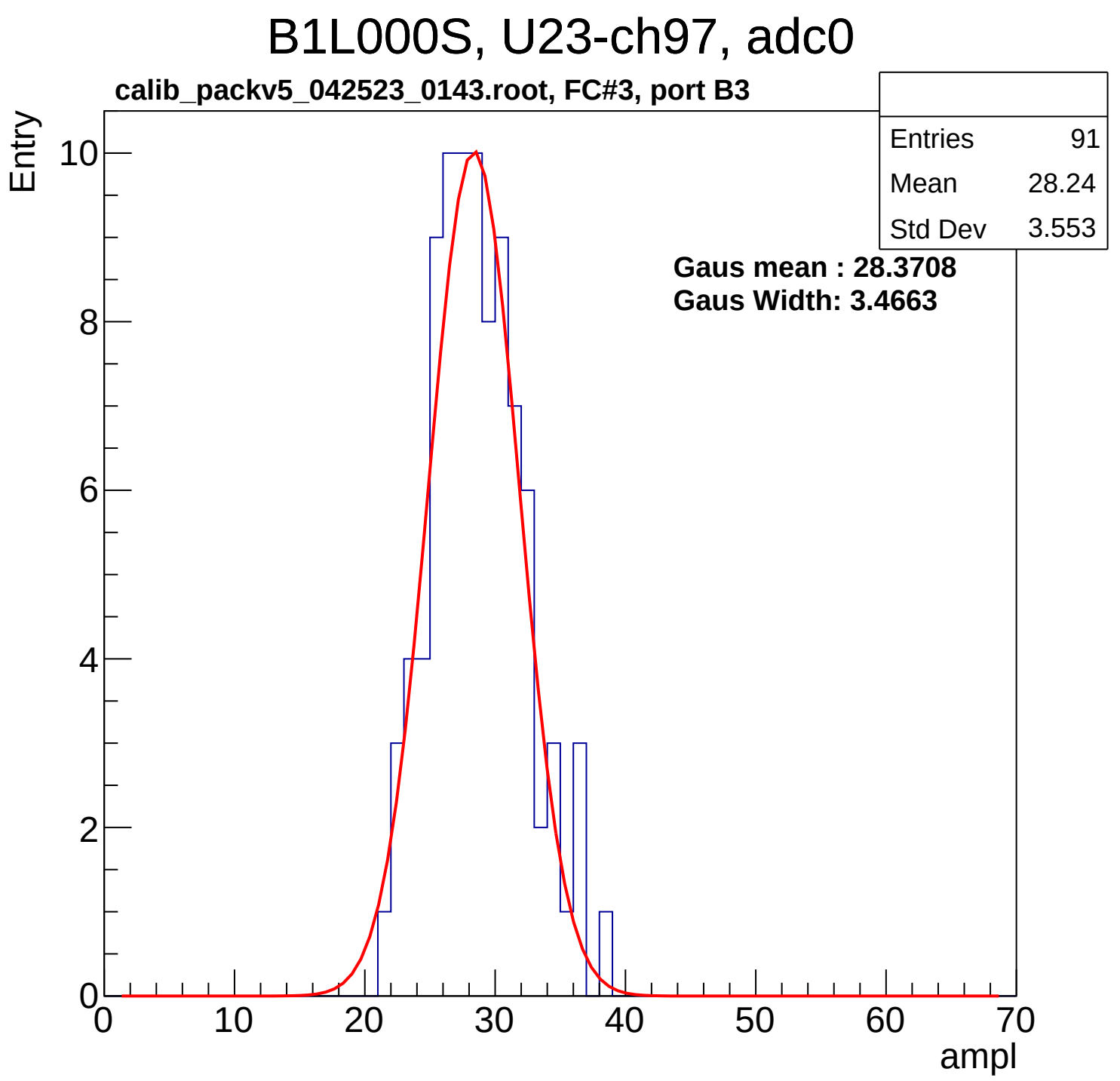
70
ampl


B1L000S, U23-ch97, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 91
Mean 28.24
Std Dev 3.553
Gaus mean : 28.3708
Gaus Width: 3.4663
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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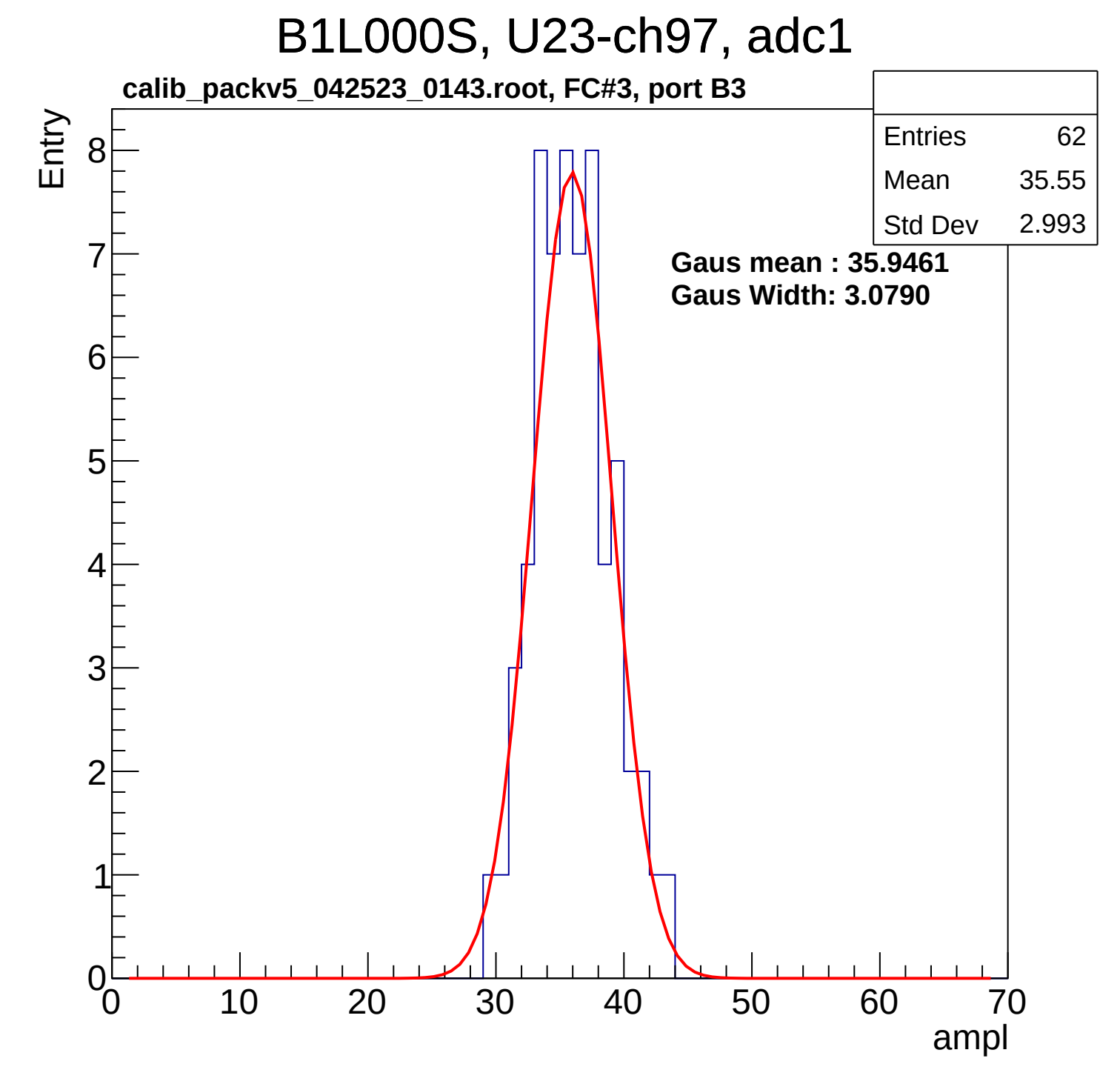
B1L000S, U23-ch97, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.55
Std Dev 2.993
Gaus mean : 35.9461
Gaus Width: 3.0790
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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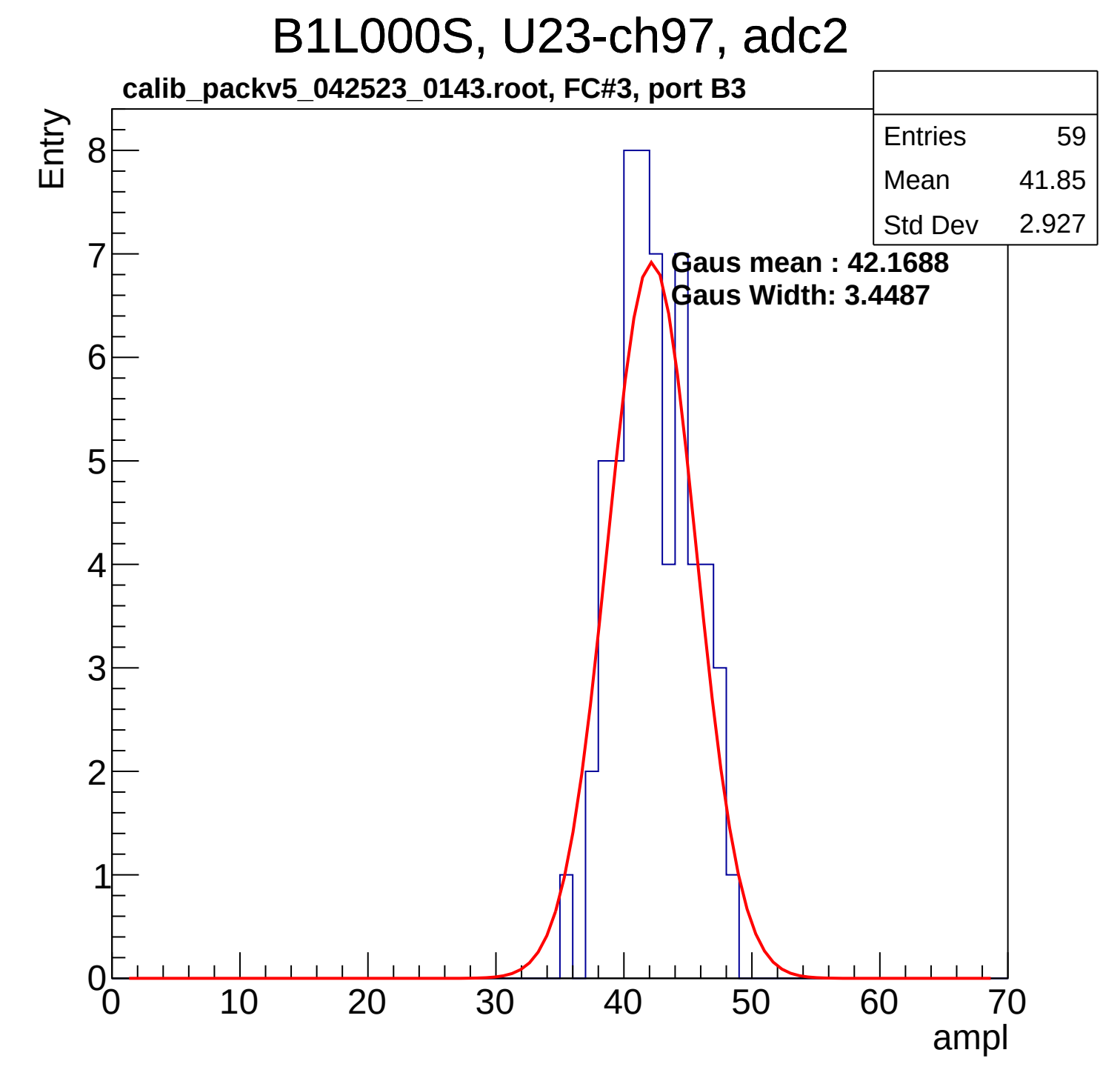
B1L000S, U23-ch97, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.85
Std Dev 2.927
Gaus mean : 42.1688
Gaus Width: 3.4487
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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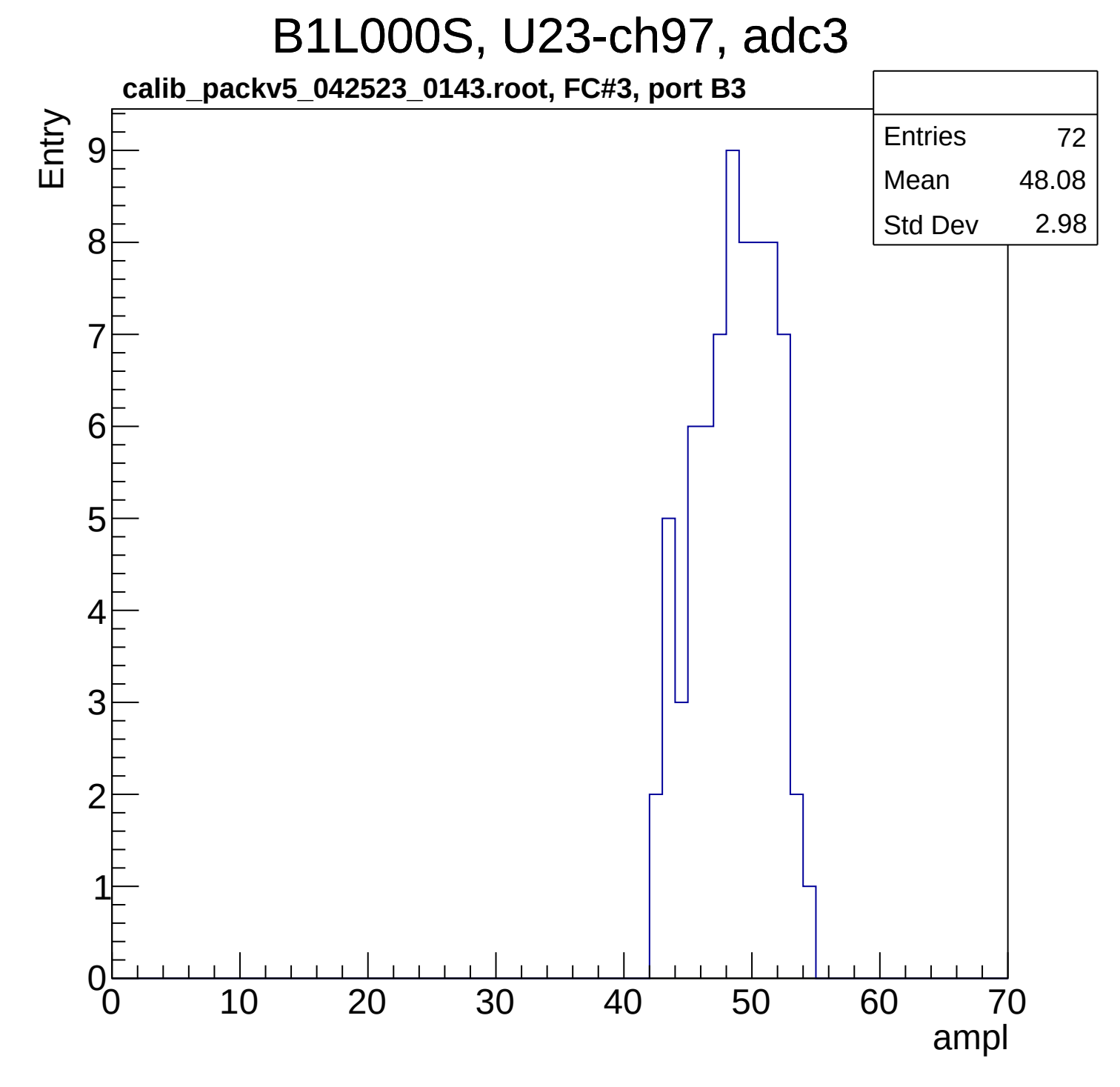
B1L000S, U23-ch97, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 48.08
Std Dev 2.98
Entry
ampl
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2
3
4
5
6
7
8
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0
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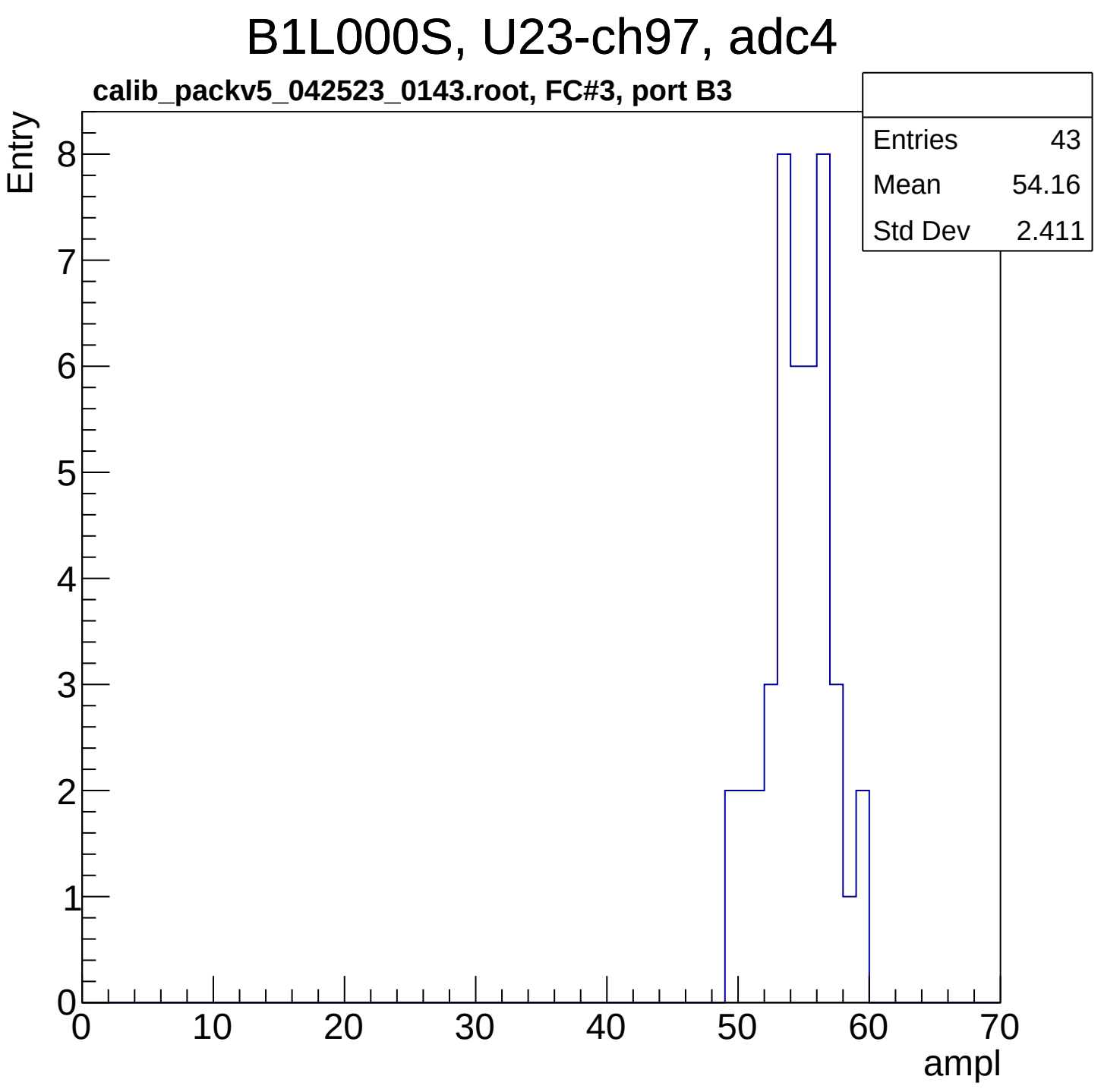
B1L000S, U23-ch97, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 54.16
Std Dev 2.411
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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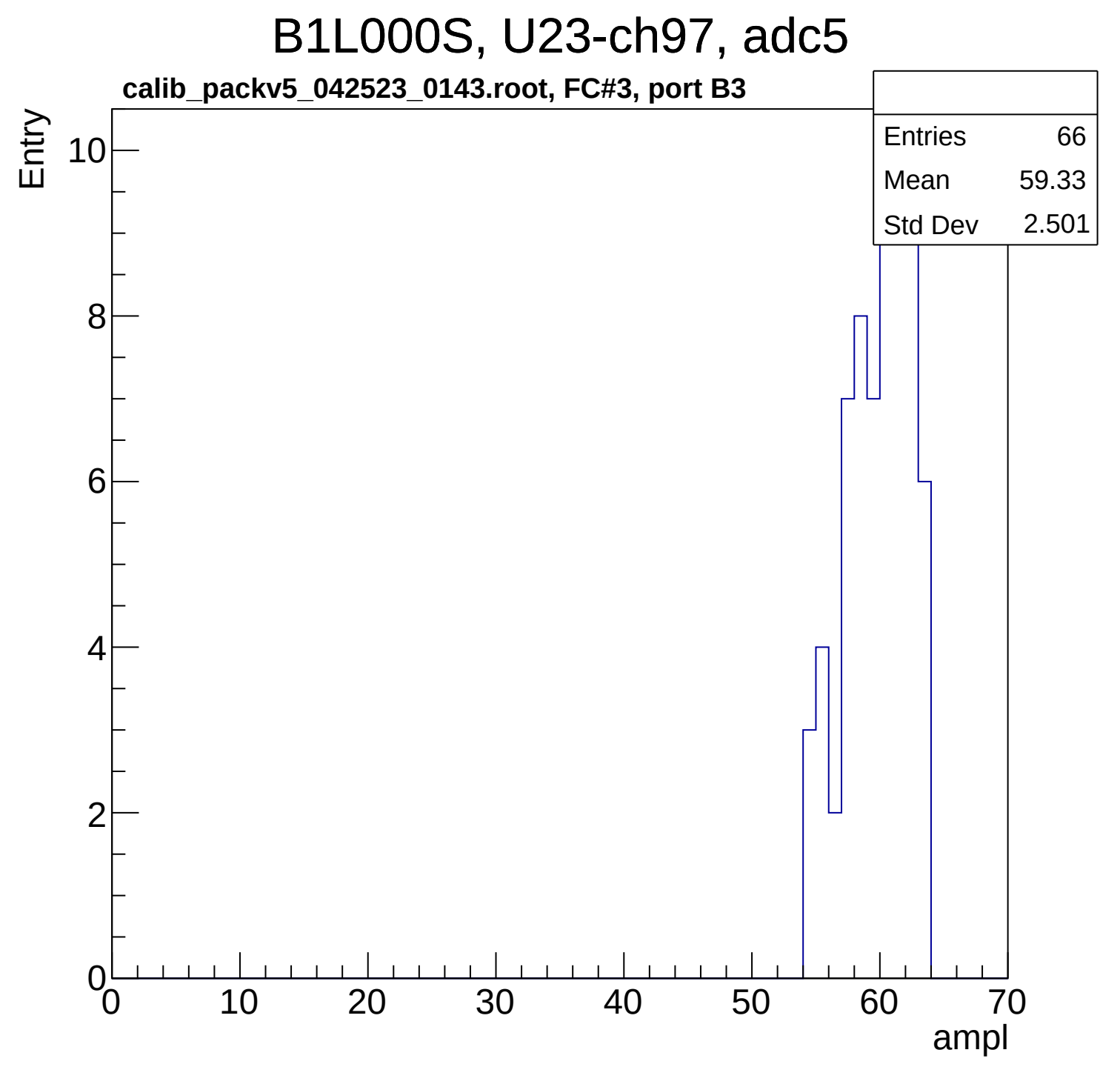
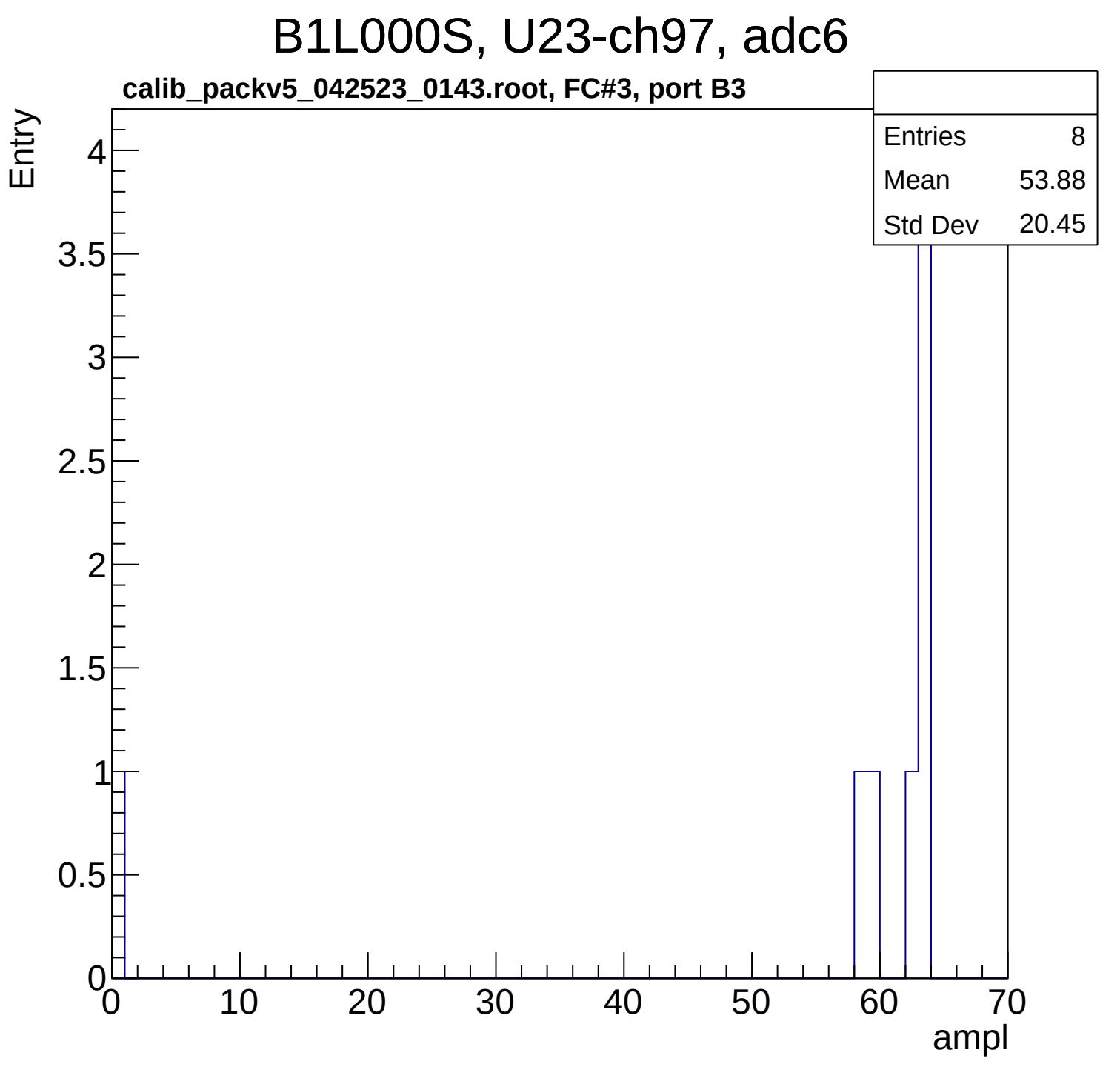

B1L000S, U23-ch97, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 59.33
Std Dev 2.501
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch97, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 53.88
Std Dev 20.45
Entry
ampl
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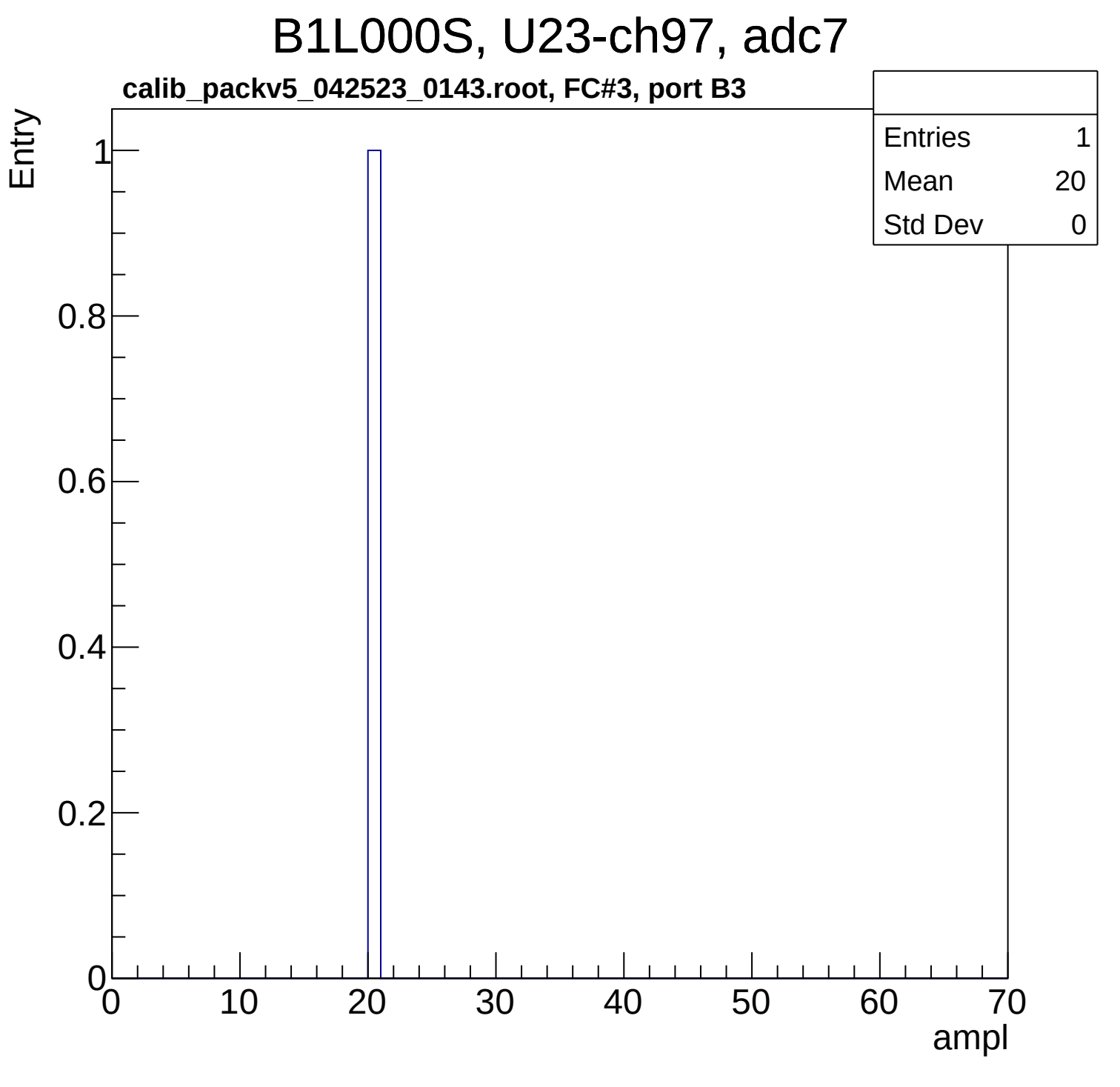
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch97, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
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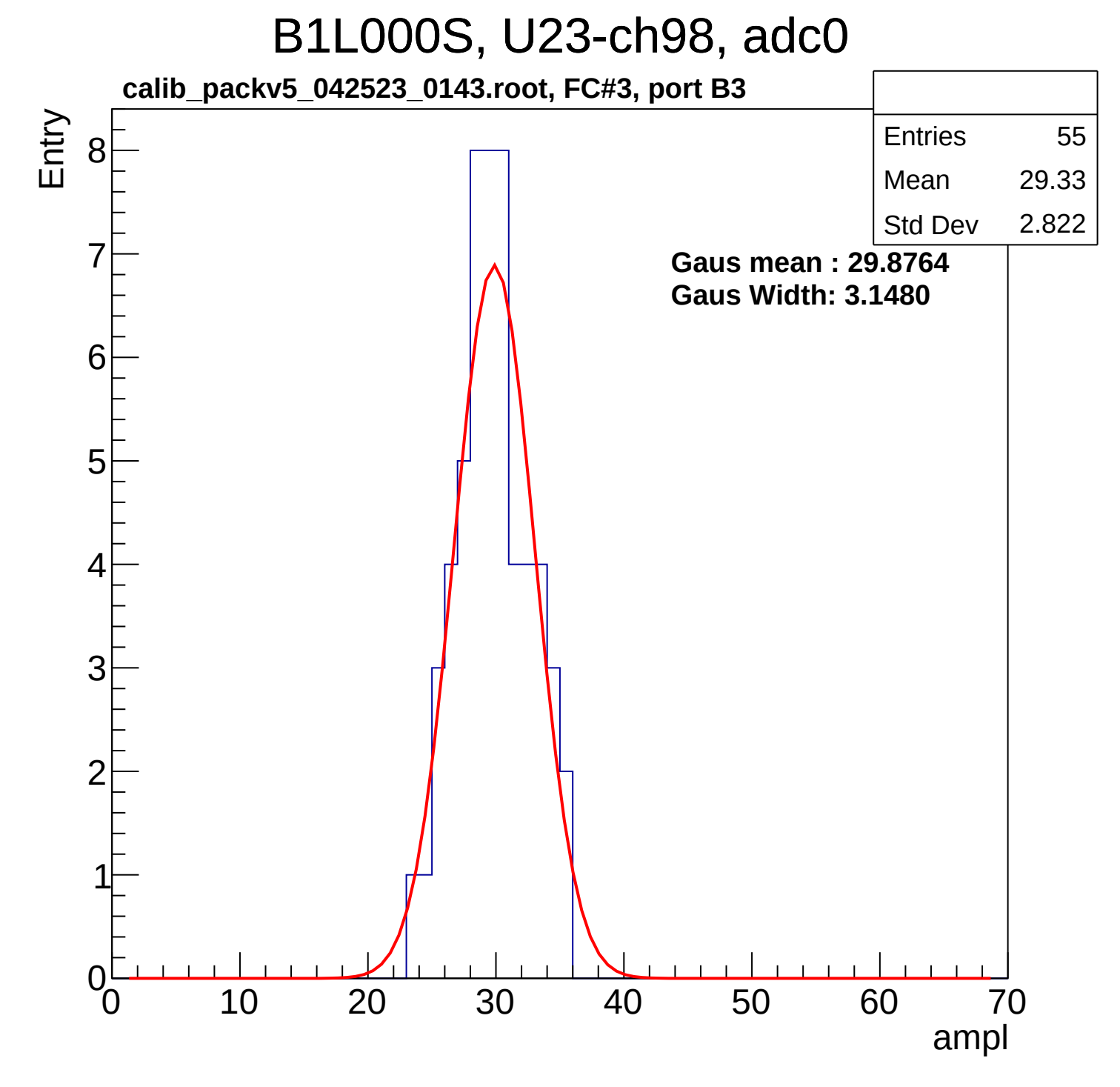
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch98, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 29.33
Std Dev 2.822
Gaus mean : 29.8764
Gaus Width: 3.1480
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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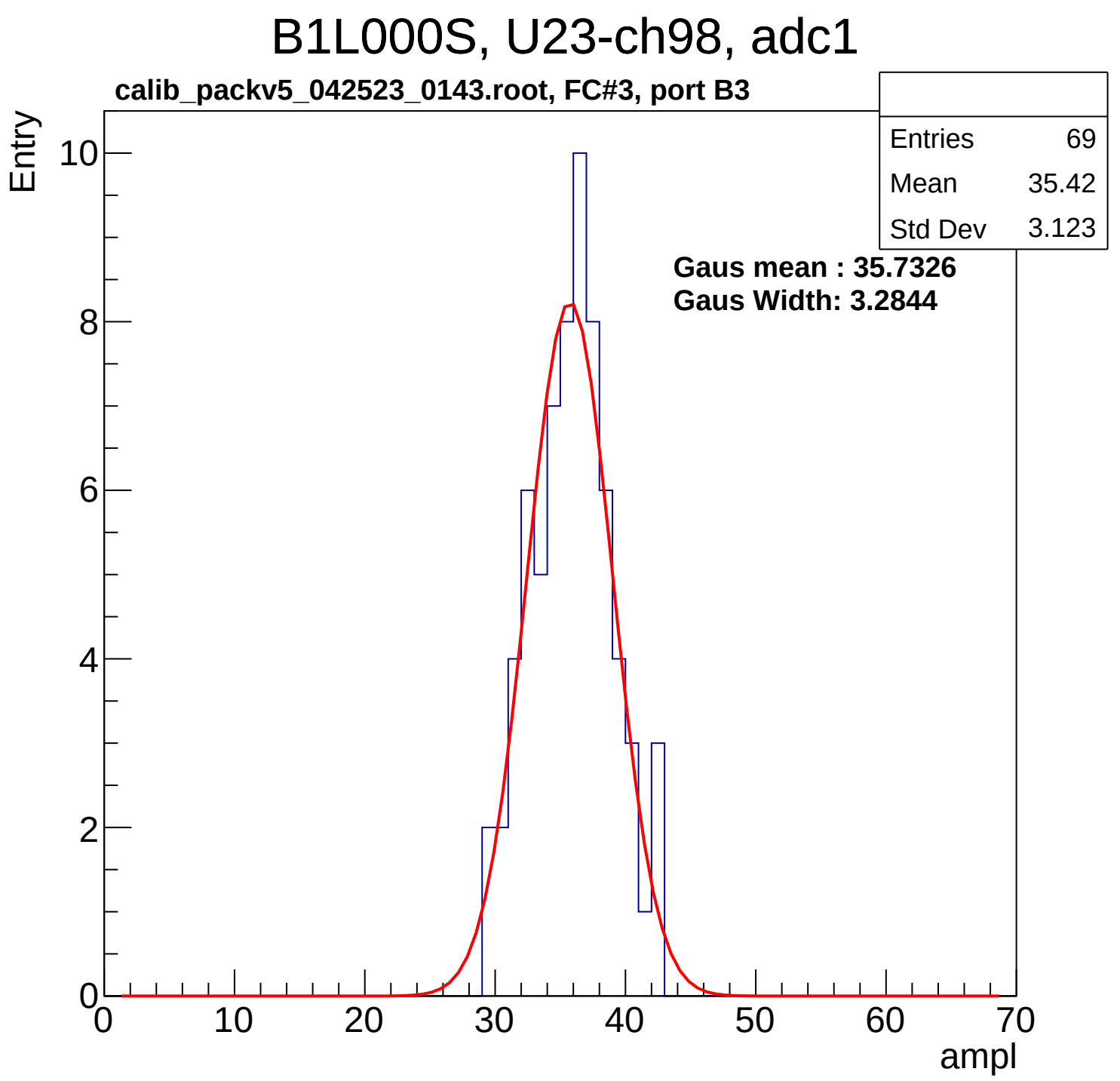
B1L000S, U23-ch98, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.42
Std Dev 3.123
Gaus mean : 35.7326
Gaus Width: 3.2844
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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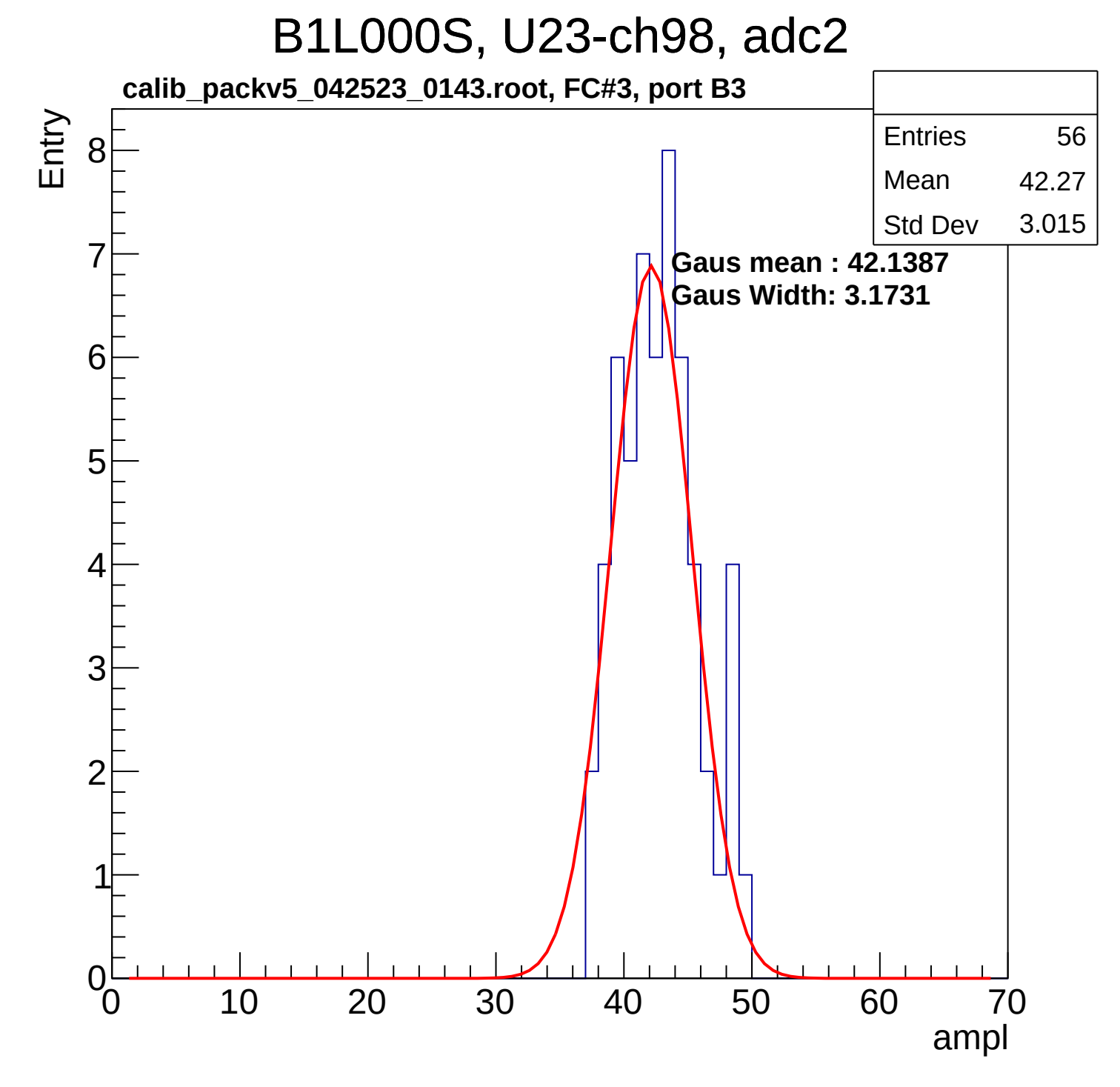
B1L000S, U23-ch98, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.27
Std Dev 3.015
Gaus mean : 42.1387
Gaus Width: 3.1731
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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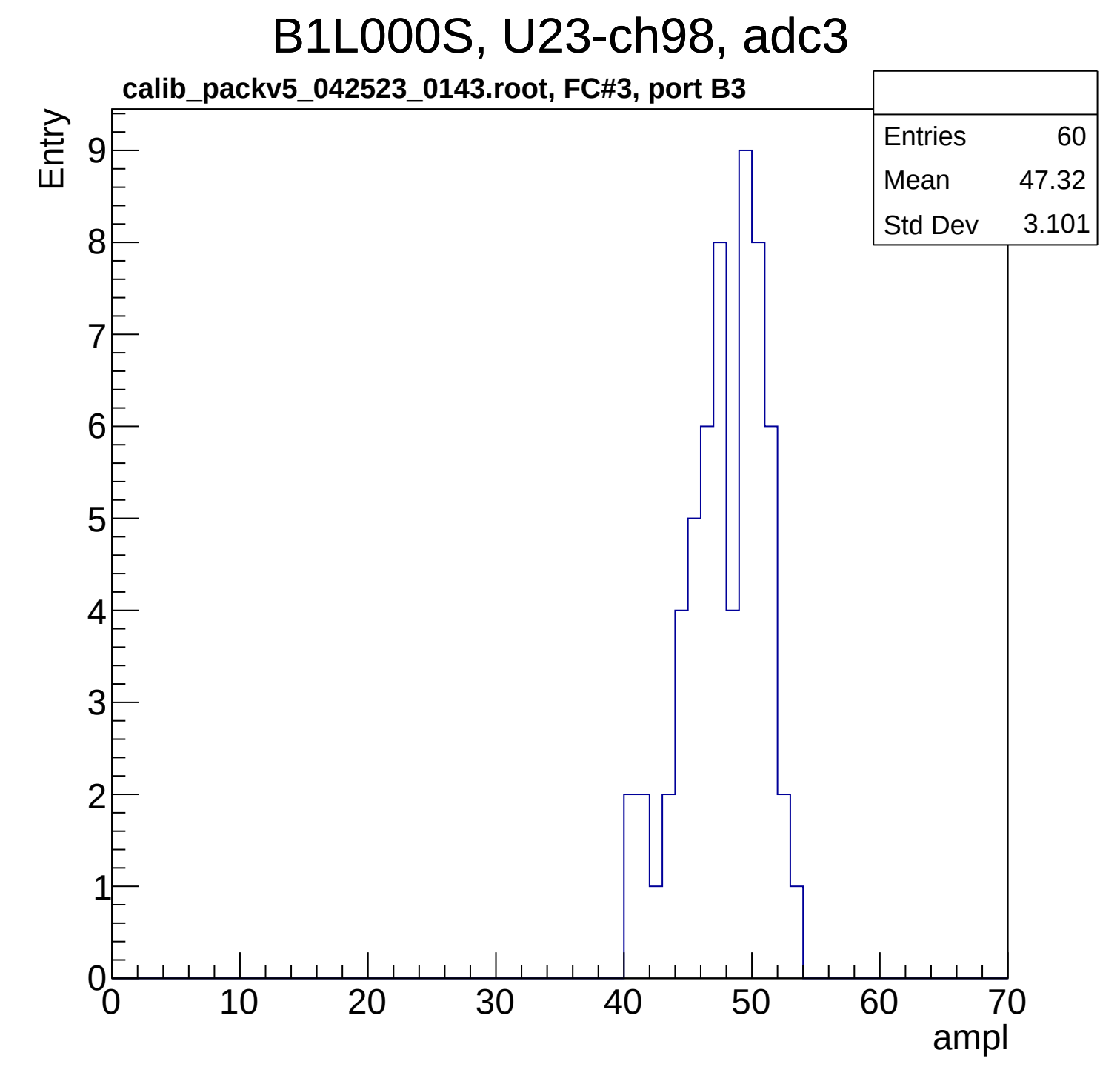
B1L000S, U23-ch98, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.32
Std Dev 3.101
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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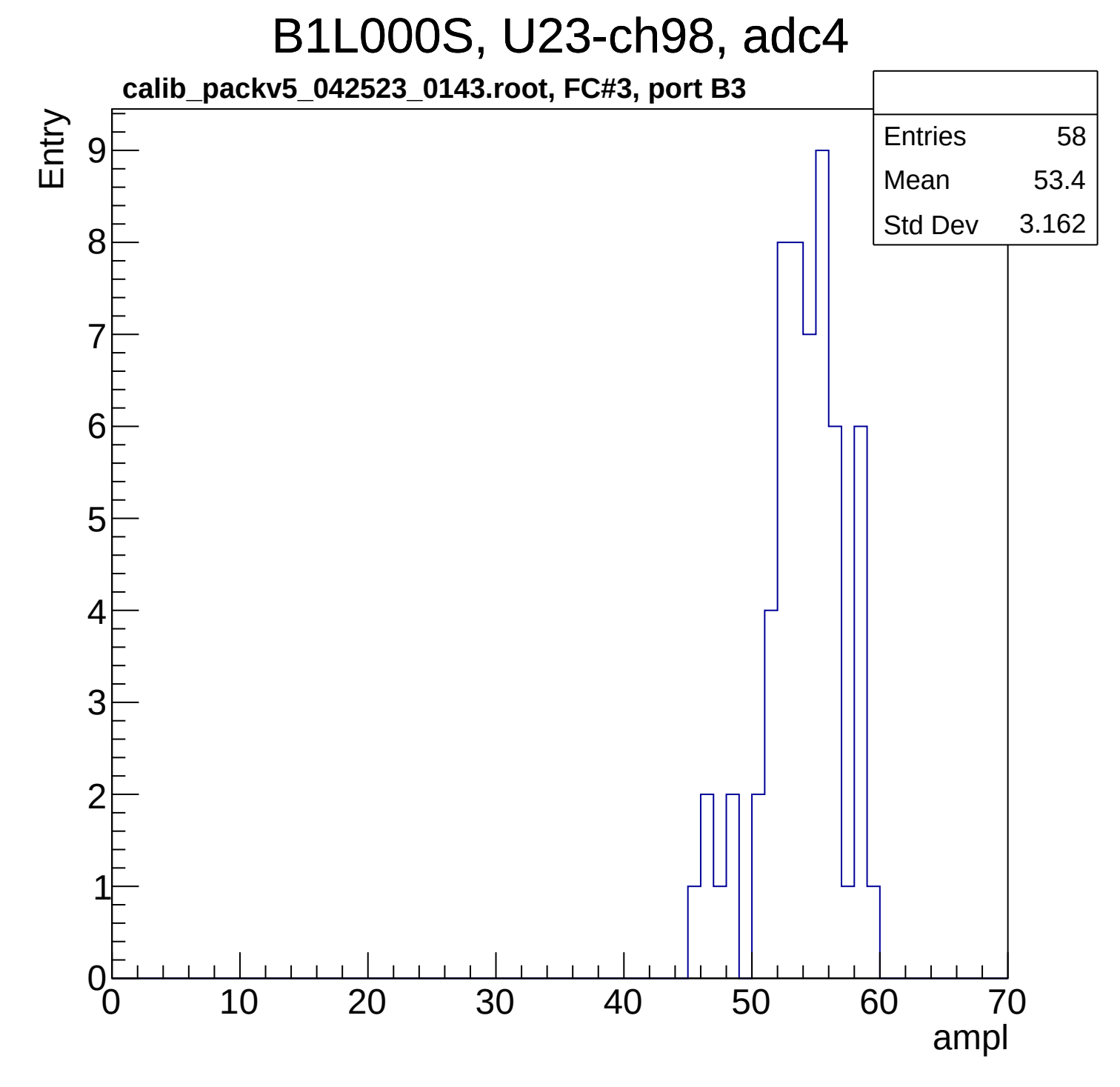
B1L000S, U23-ch98, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.4
Std Dev 3.162
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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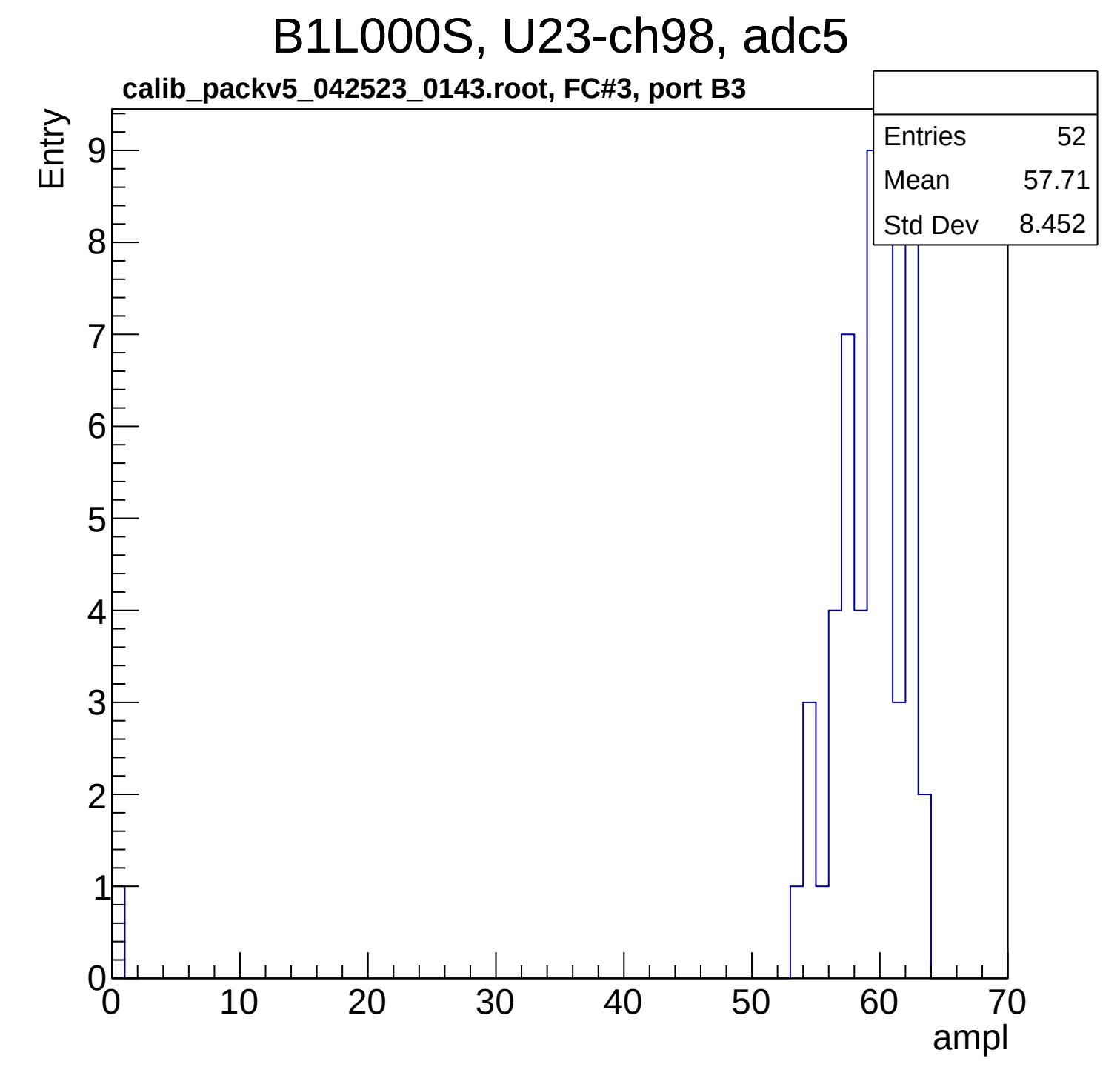
B1L000S, U23-ch98, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 57.71
Std Dev 8.452
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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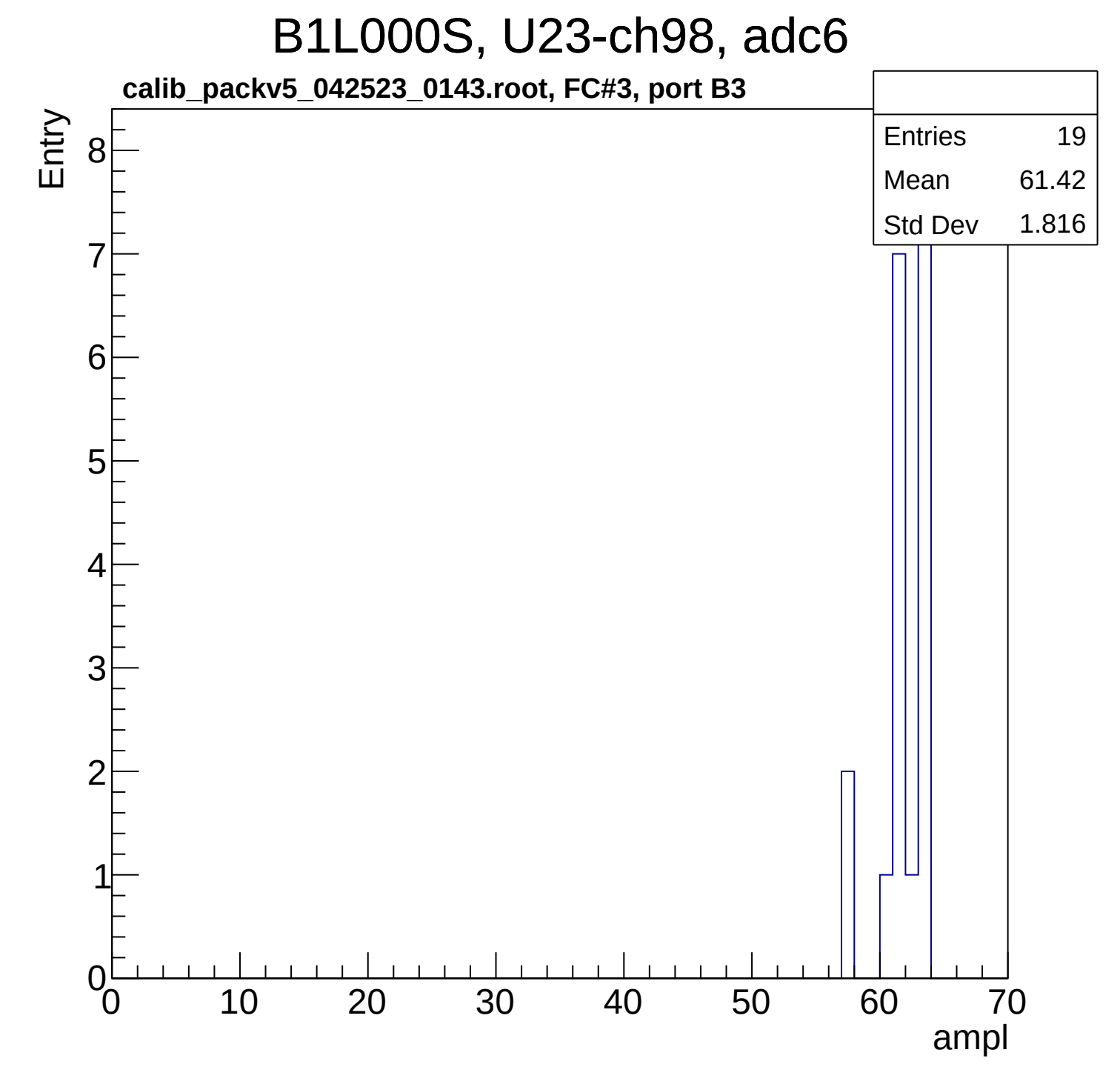
B1L000S, U23-ch98, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 61.42
Std Dev 1.816
Entry
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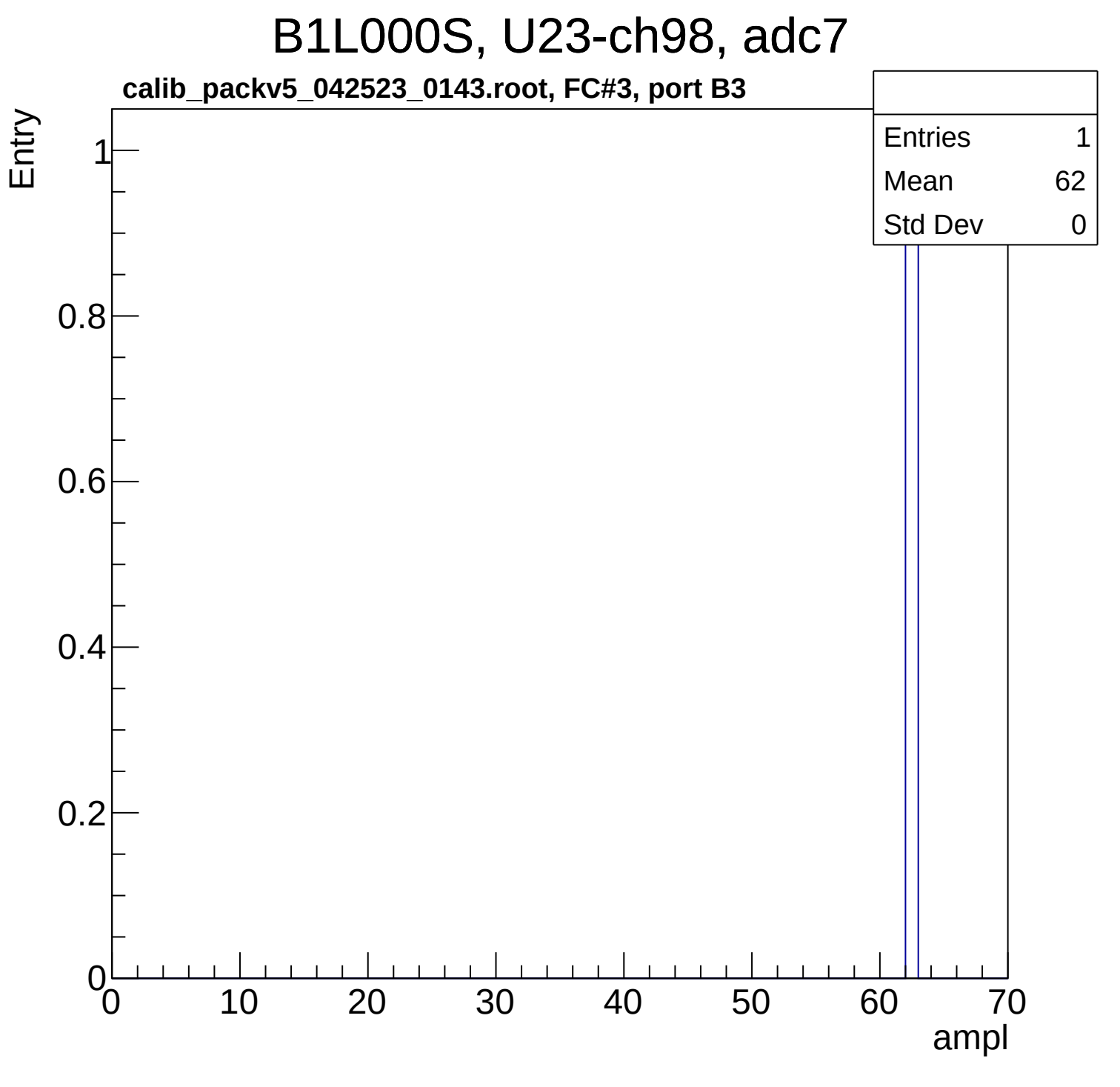
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch98, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
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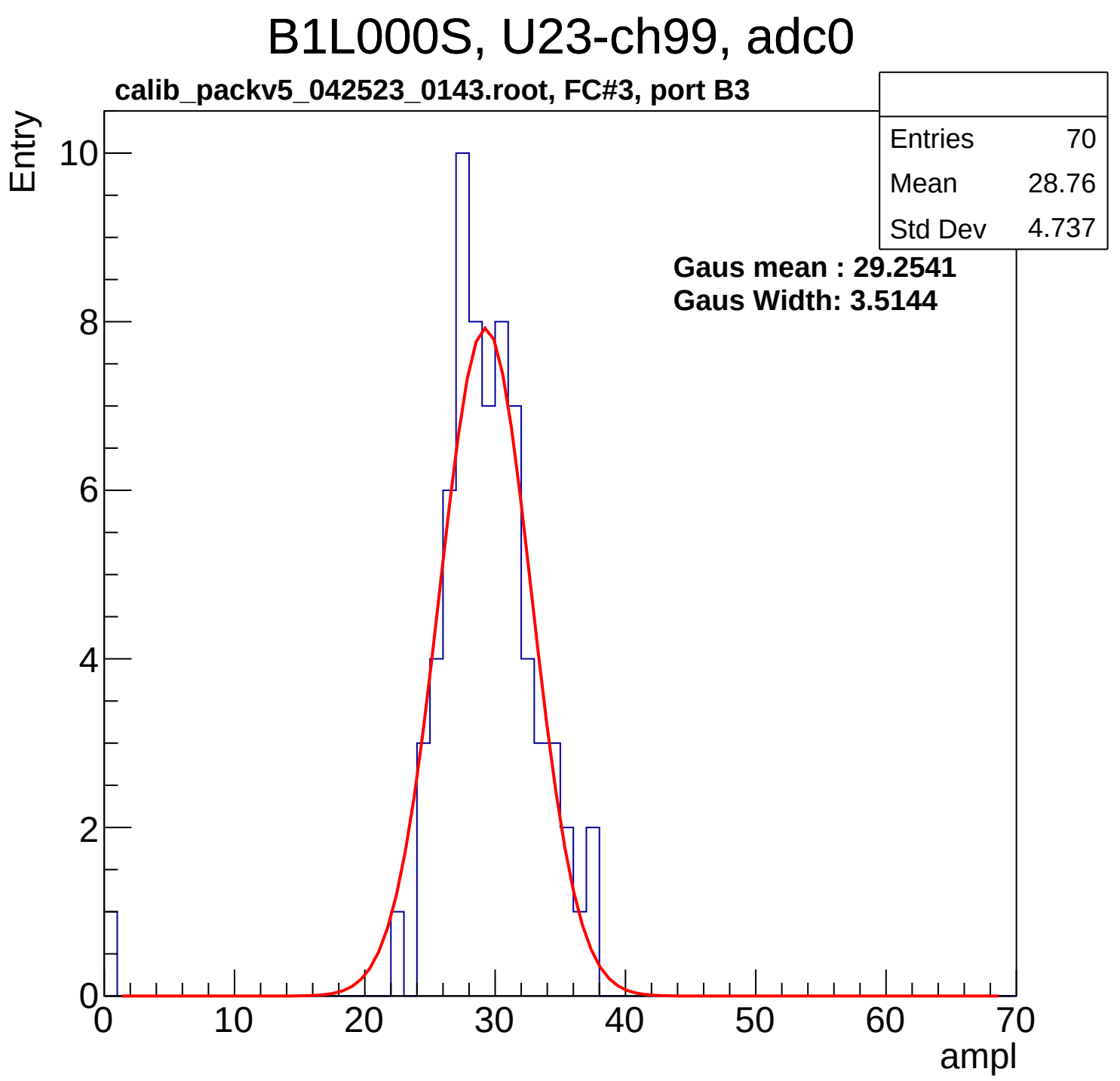
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch99, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.76
Std Dev 4.737
Gaus mean : 29.2541
Gaus Width: 3.5144
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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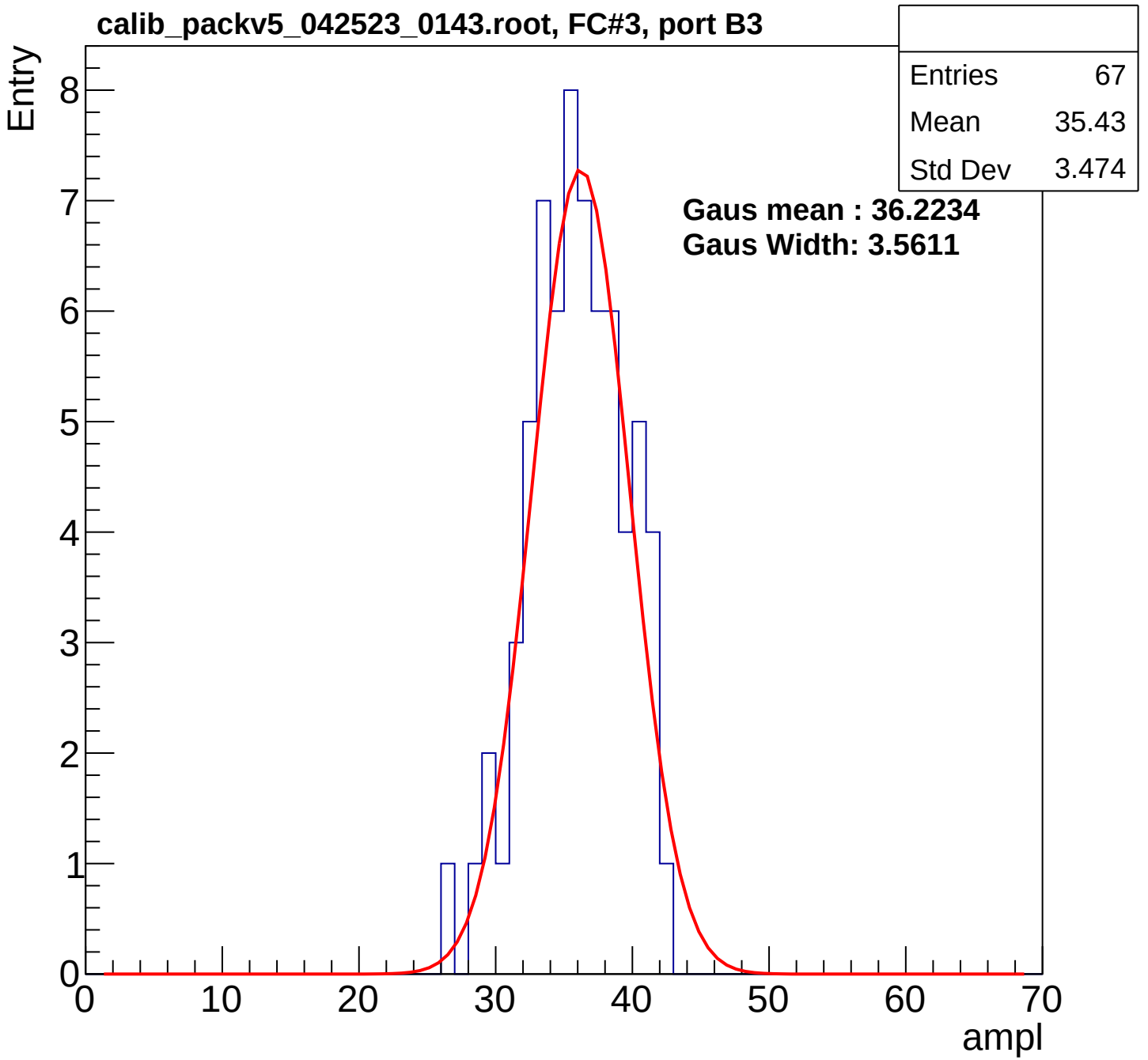
B1L000S, U23-ch99, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.43
Std Dev 3.474
Gaus mean : 36.2234
Gaus Width: 3.5611
Entry
ampl
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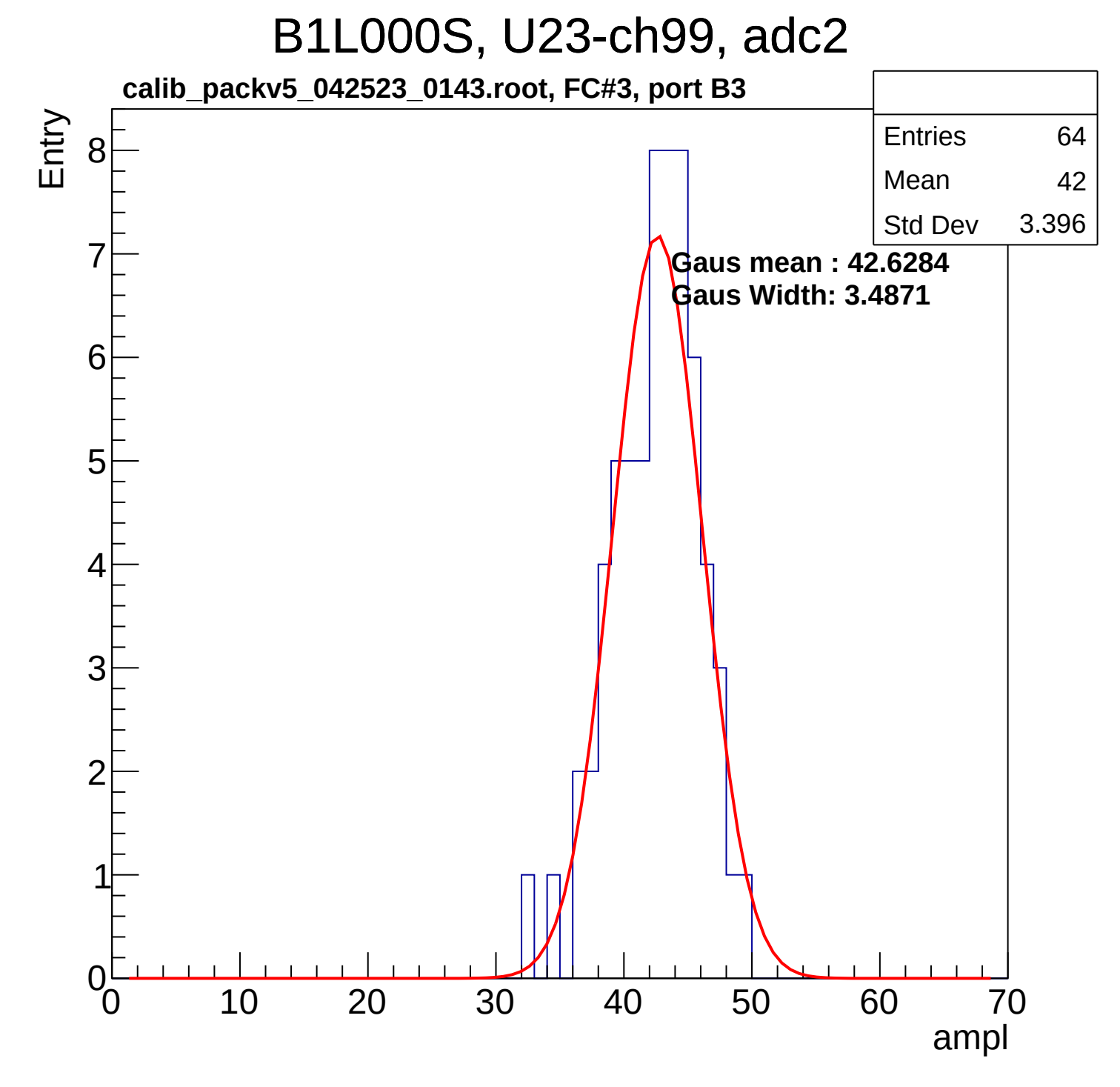
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch99, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 42
Std Dev 3.396
Gaus mean : 42.6284
Gaus Width: 3.4871
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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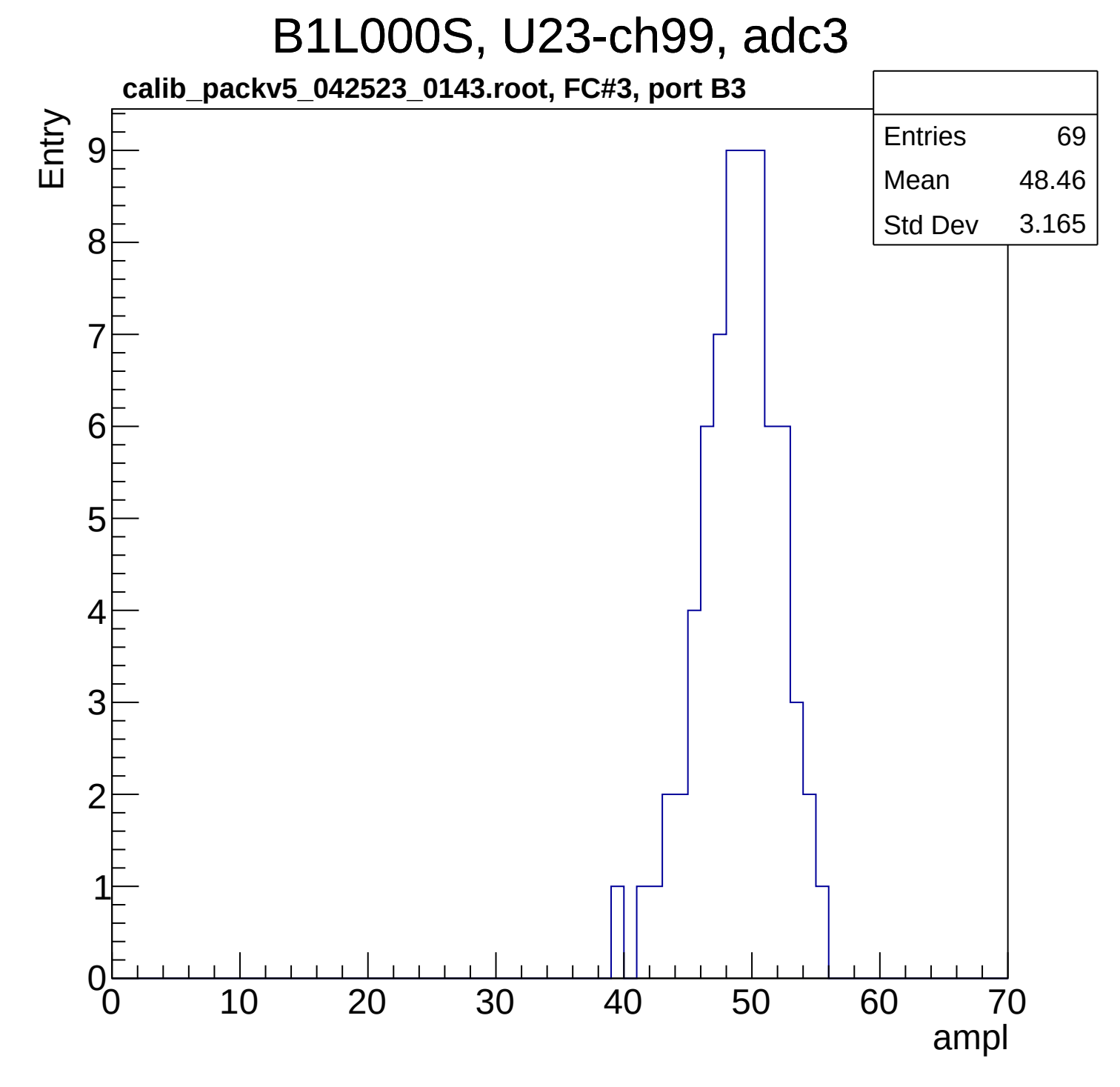
B1L000S, U23-ch99, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.46
Std Dev 3.165
Entry
ampl
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3
4
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6
7
8
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0
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60
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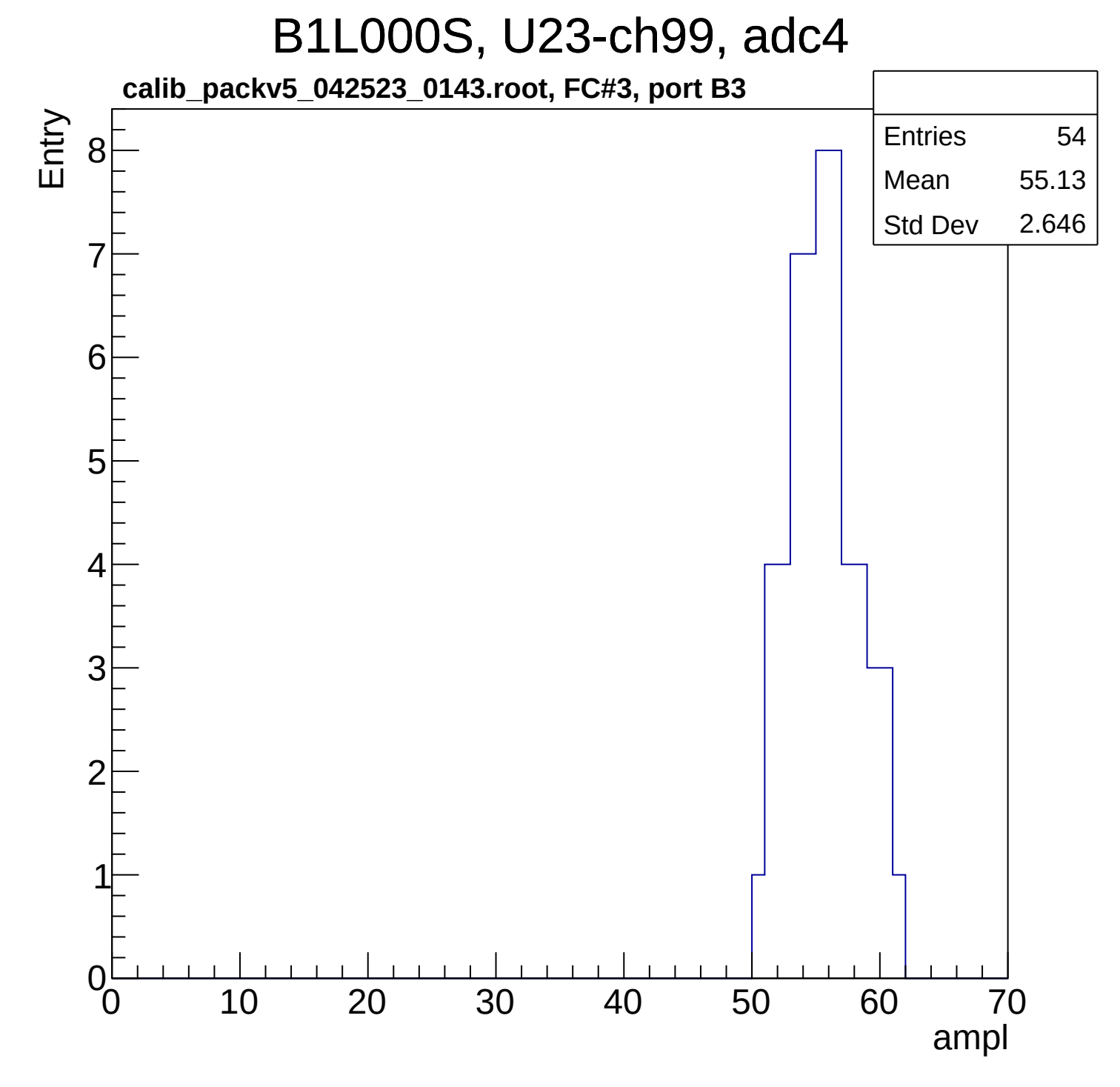
B1L000S, U23-ch99, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 55.13
Std Dev 2.646
Entry
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5
6
7
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10
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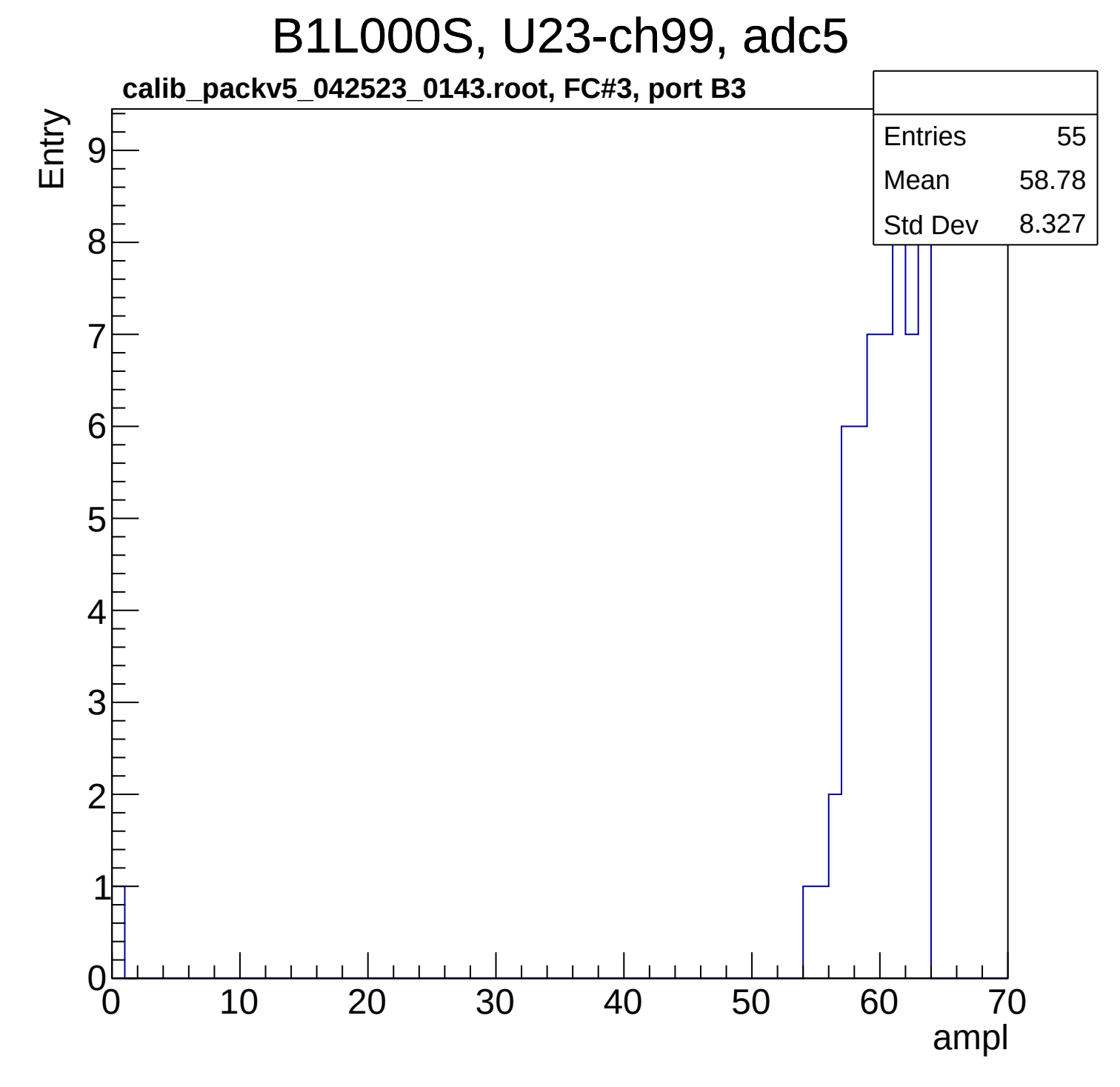
50
60
70
ampl


B1L000S, U23-ch99, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.78
Std Dev 8.327
Entry
ampl
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3
4
5
6
7
8
9
0
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40
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60
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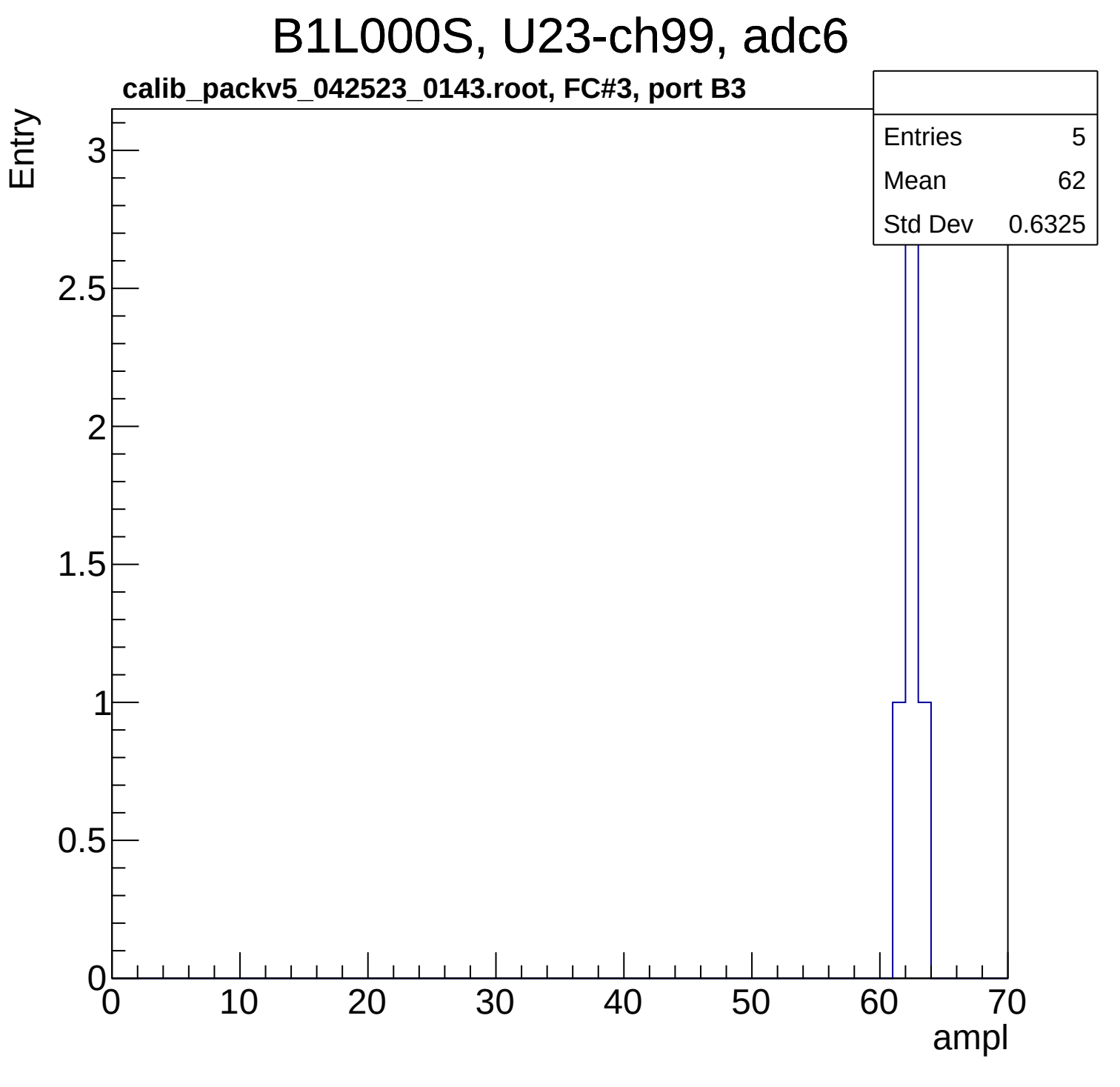
B1L000S, U23-ch99, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62
Std Dev 0.6325
Entry
ampl
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1.5
2
2.5
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0
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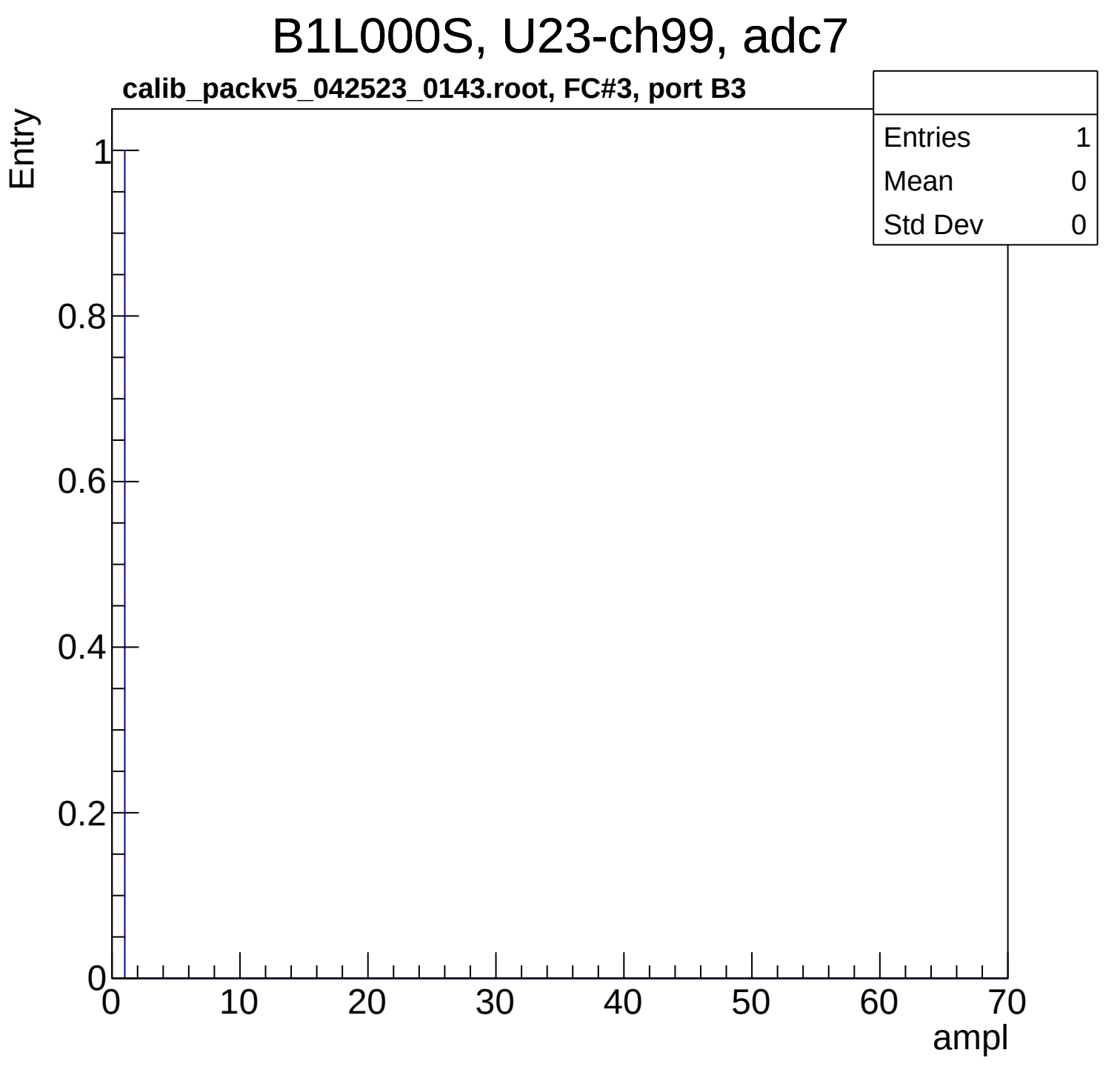
20
30
40
50
60
70


B1L000S, U23-ch99, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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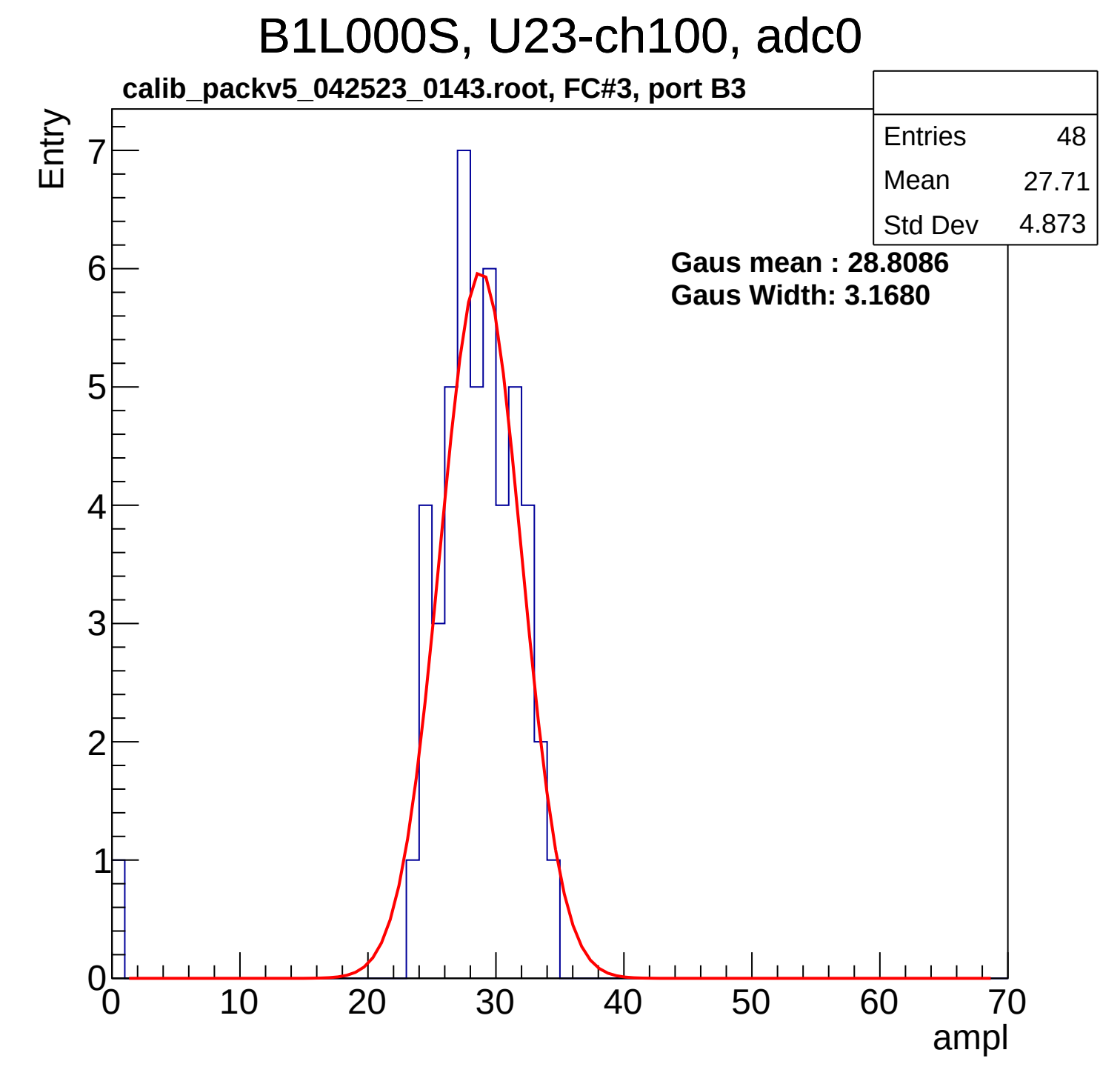
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch100, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 27.71
Std Dev 4.873
Gaus mean : 28.8086
Gaus Width: 3.1680
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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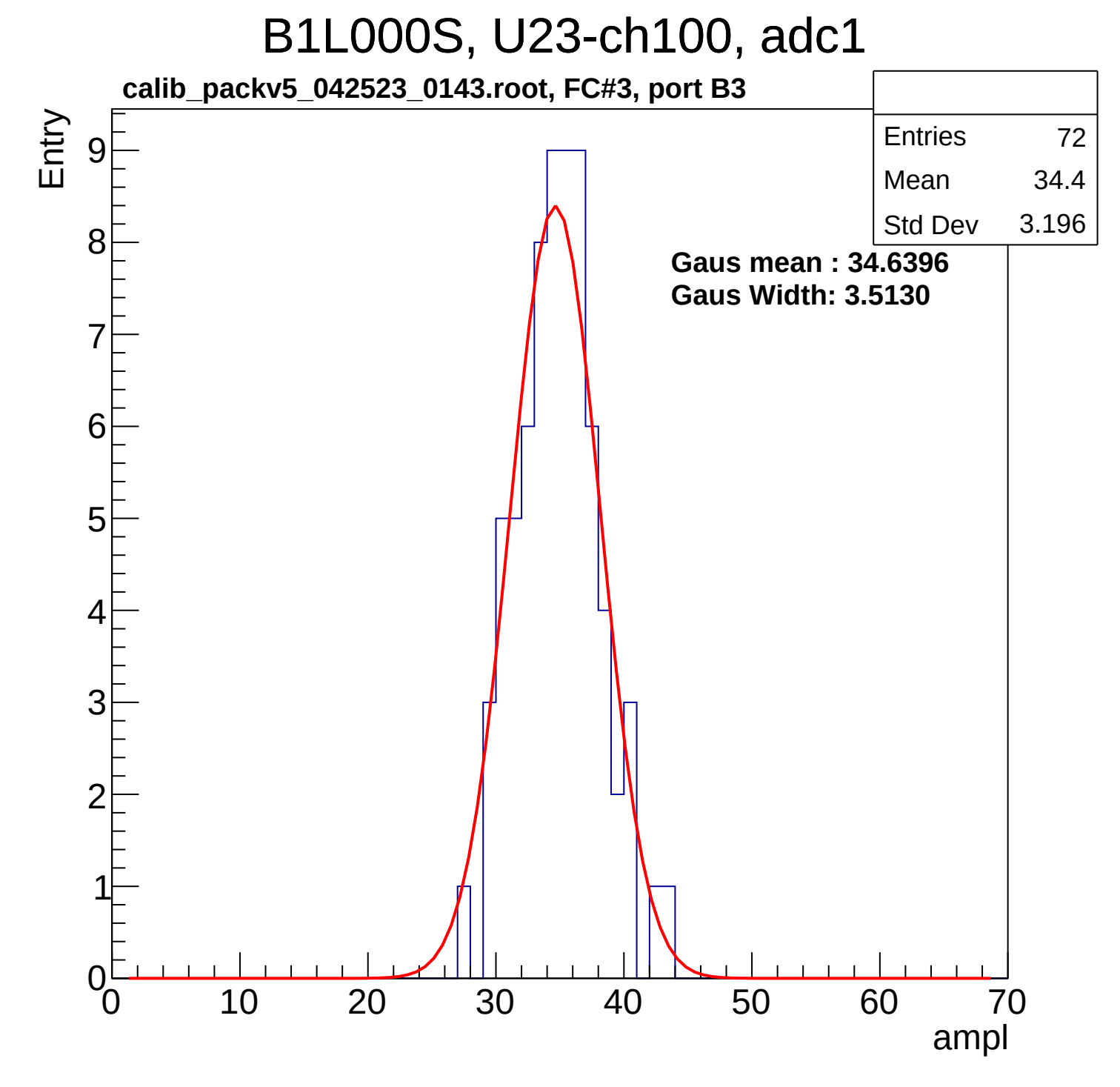
B1L000S, U23-ch100, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.4
Std Dev 3.196
Gaus mean : 34.6396
Gaus Width: 3.5130
Entry
ampl
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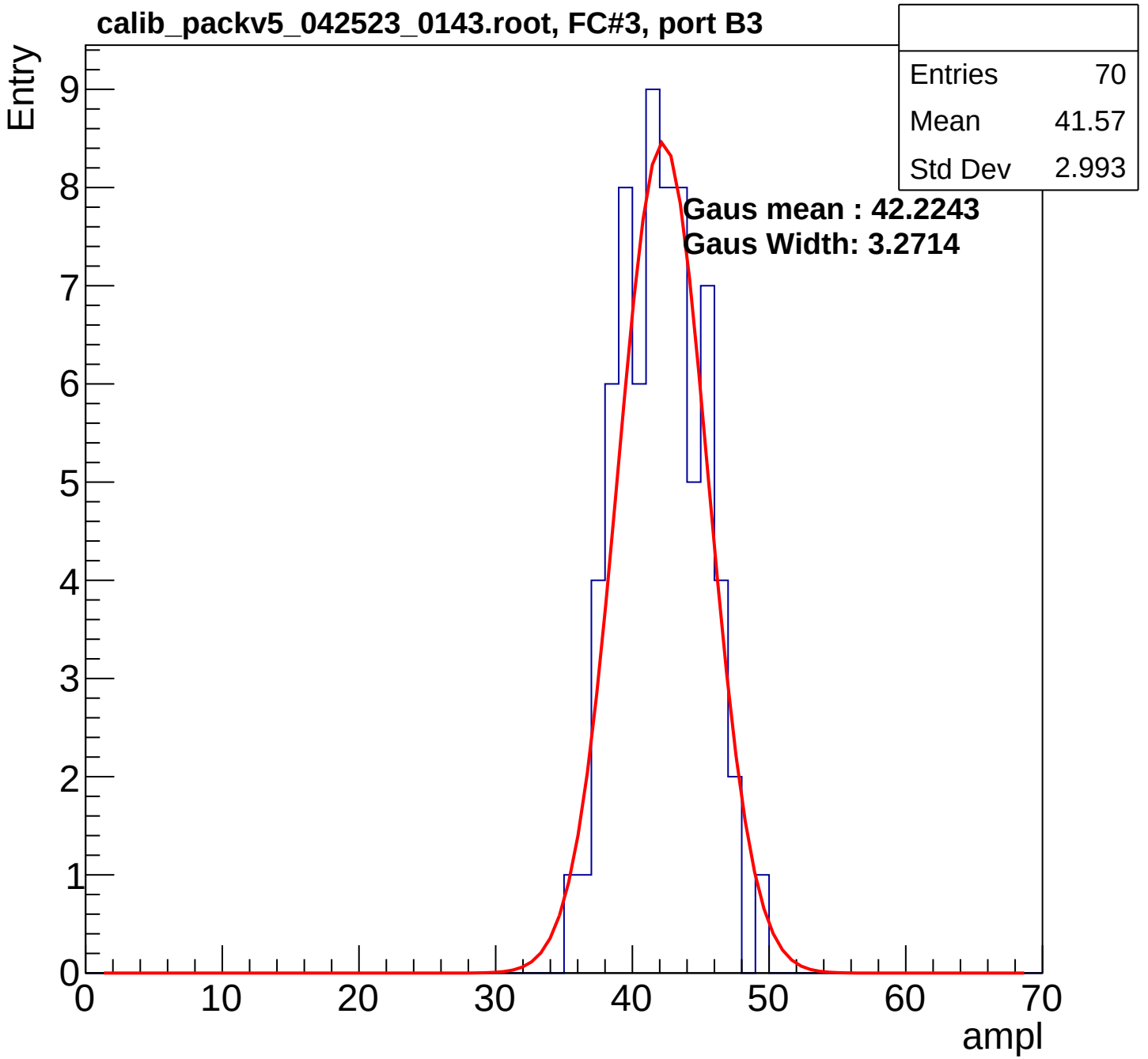
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U23-ch100, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 41.57
Std Dev 2.993
Gaus mean : 42.2243
Gaus Width: 3.2714
Entry
ampl
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2
3
4
5
6
7
8
9
0
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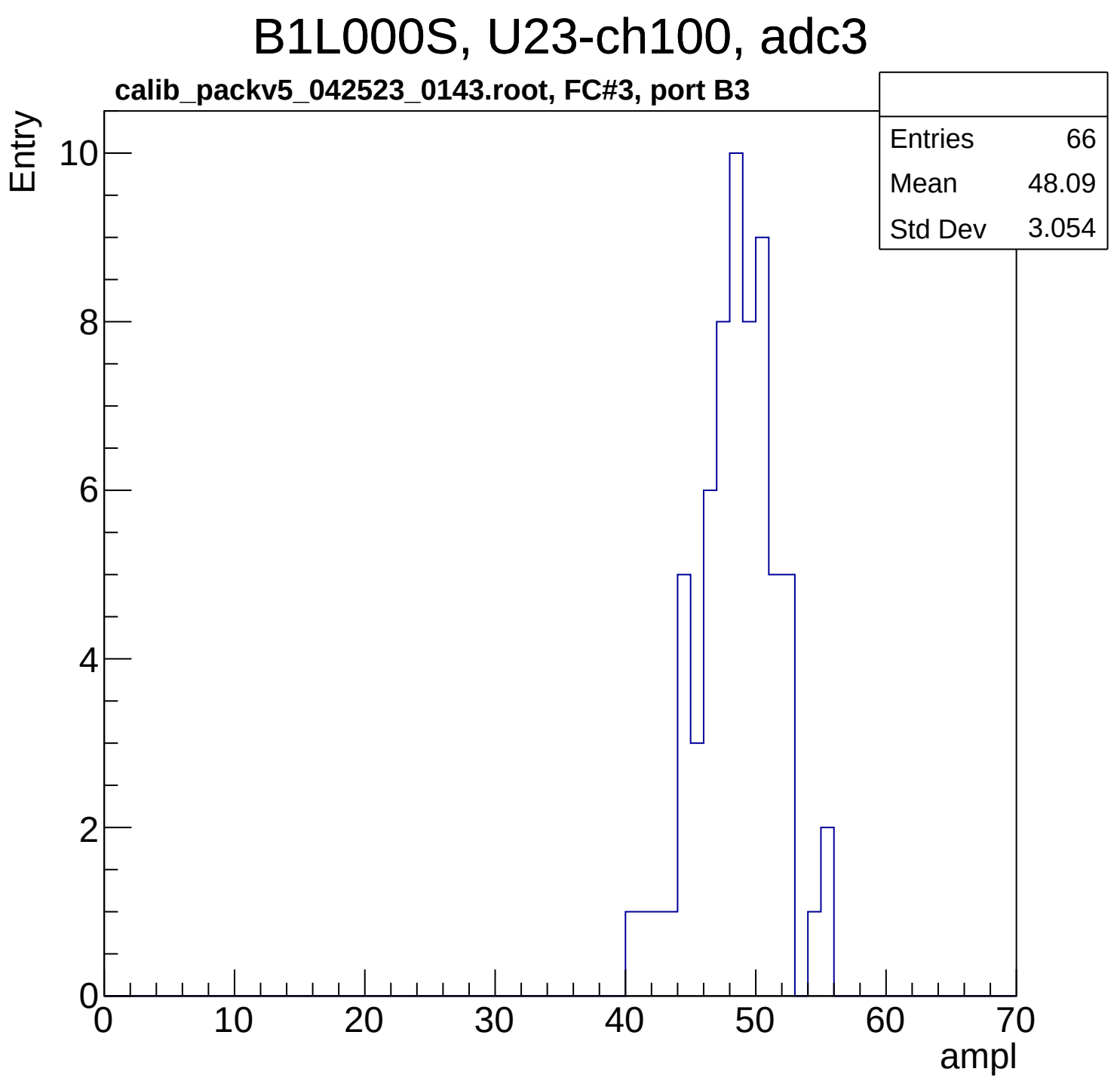
B1L000S, U23-ch100, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 48.09
Std Dev 3.054
Entry
ampl
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4
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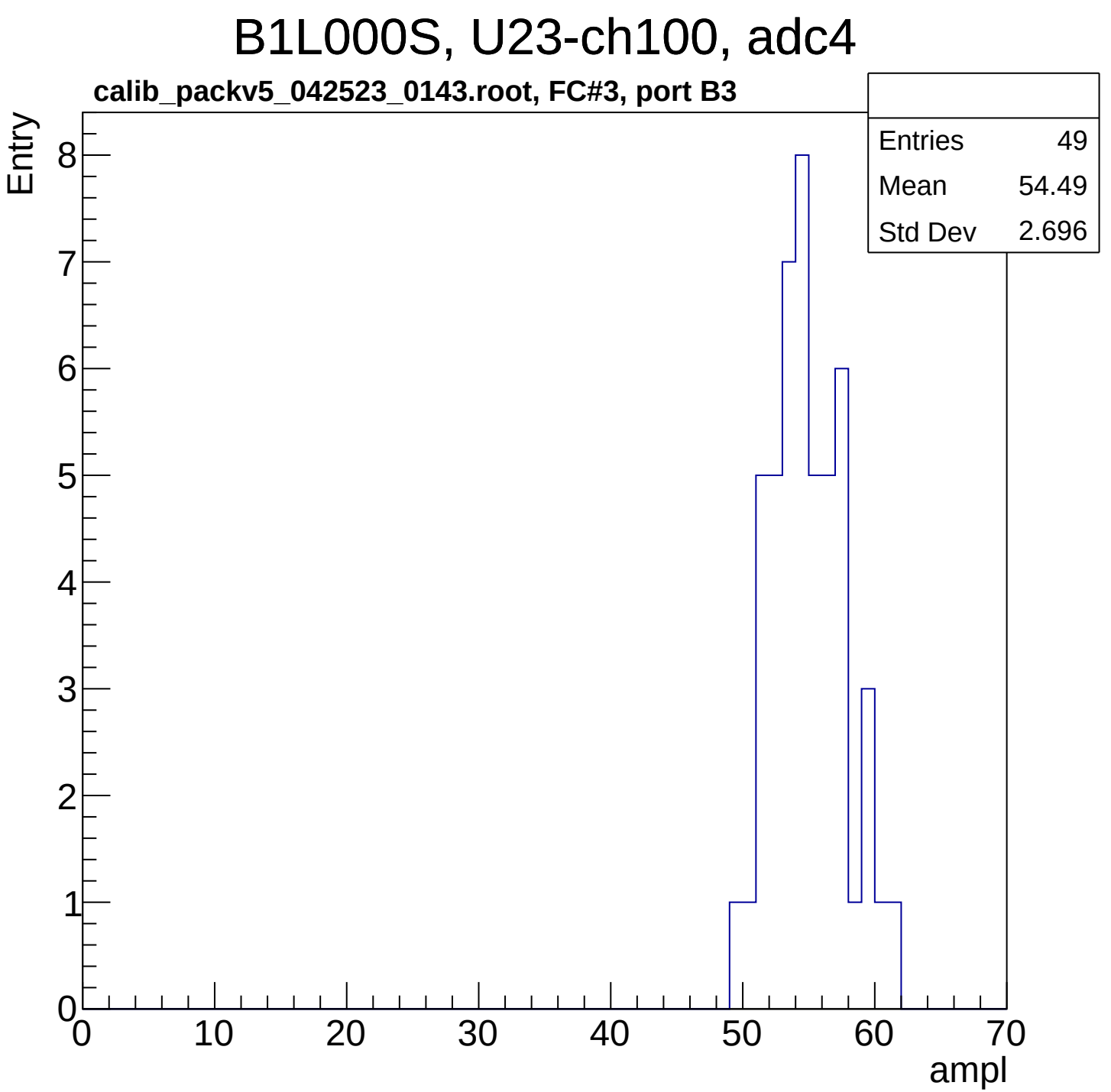
B1L000S, U23-ch100, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.49
Std Dev 2.696
Entry
ampl
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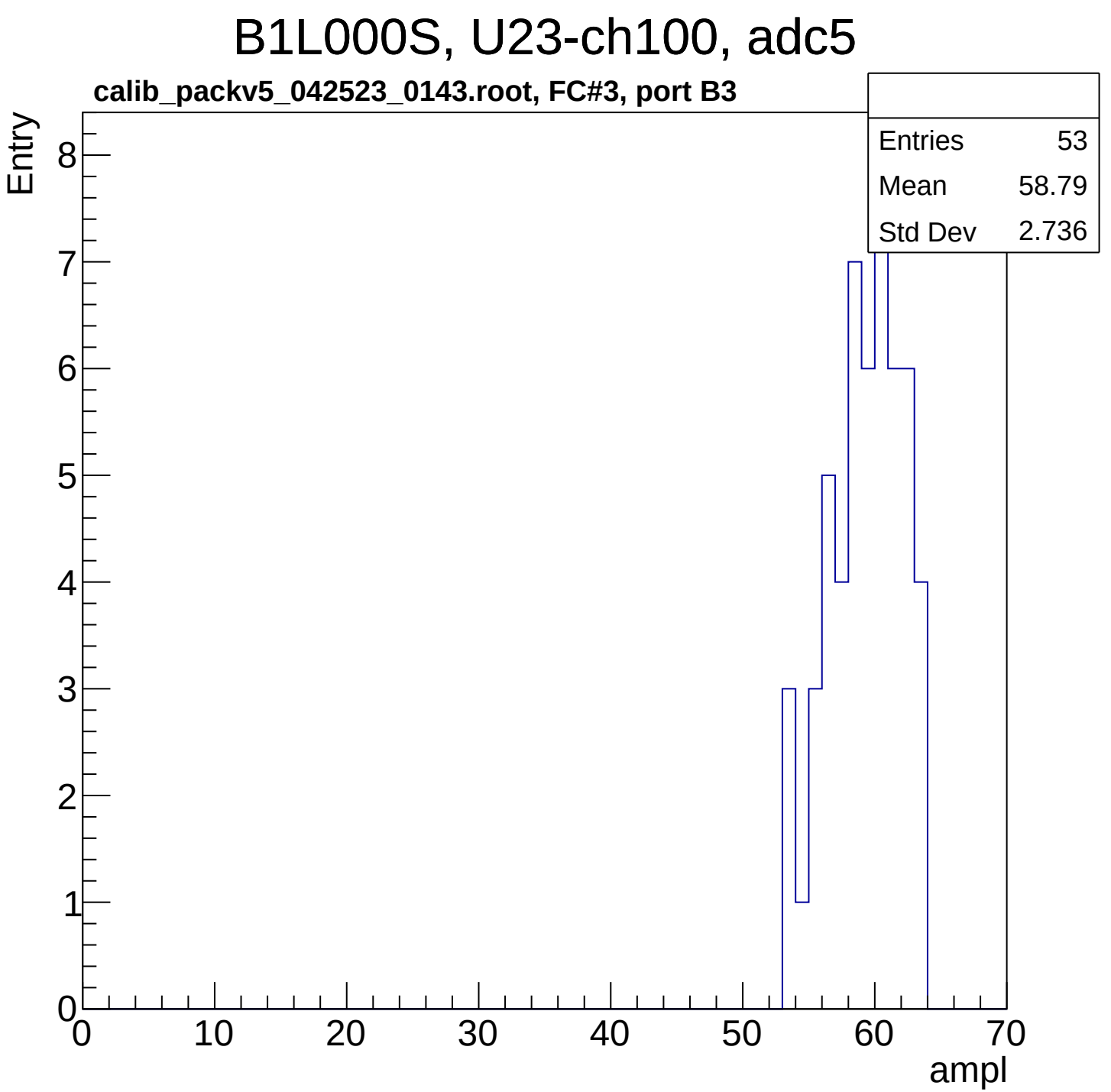
B1L000S, U23-ch100, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.79
Std Dev 2.736
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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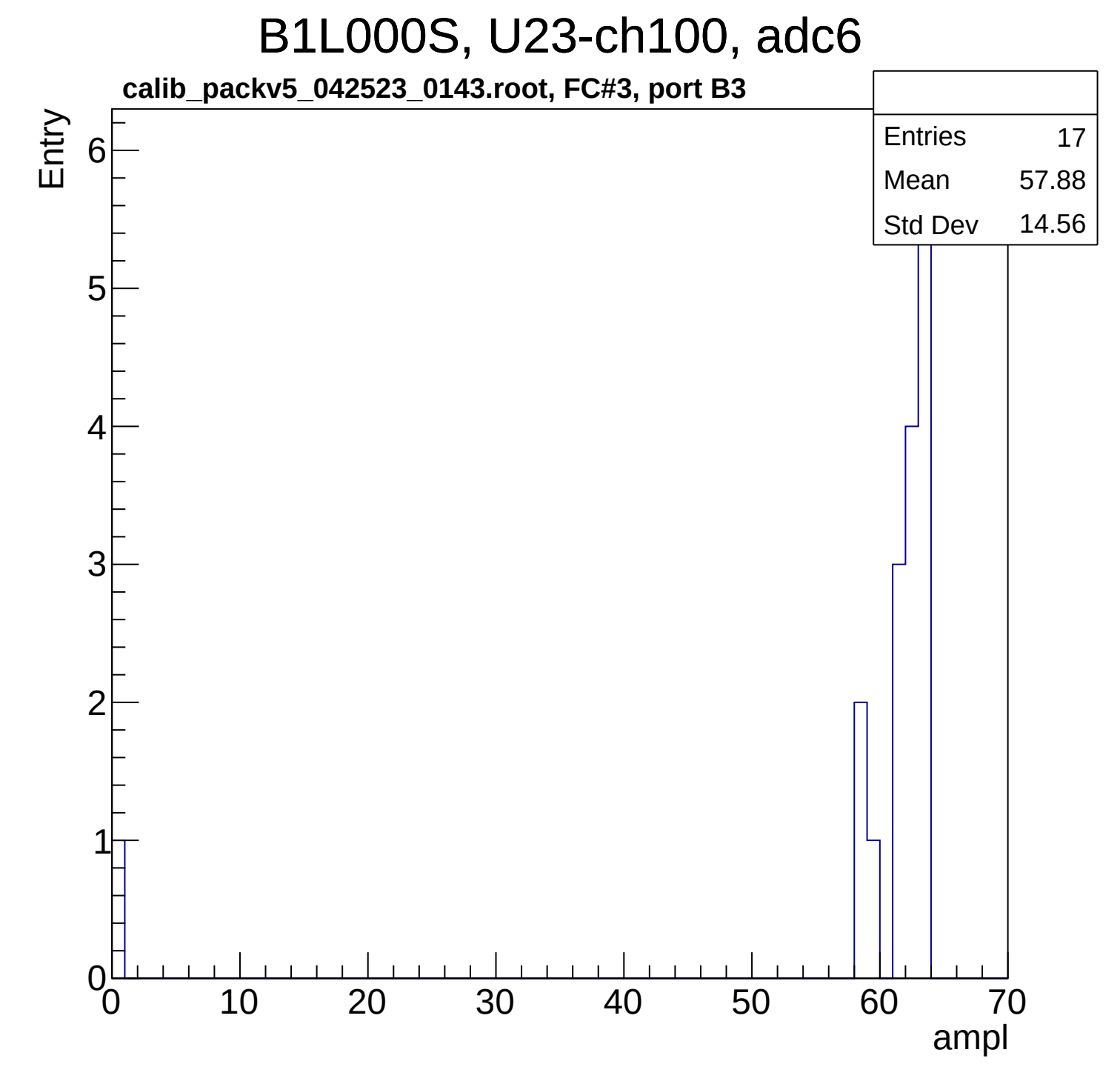
B1L000S, U23-ch100, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.88
Std Dev 14.56
Entry
ampl
0
1
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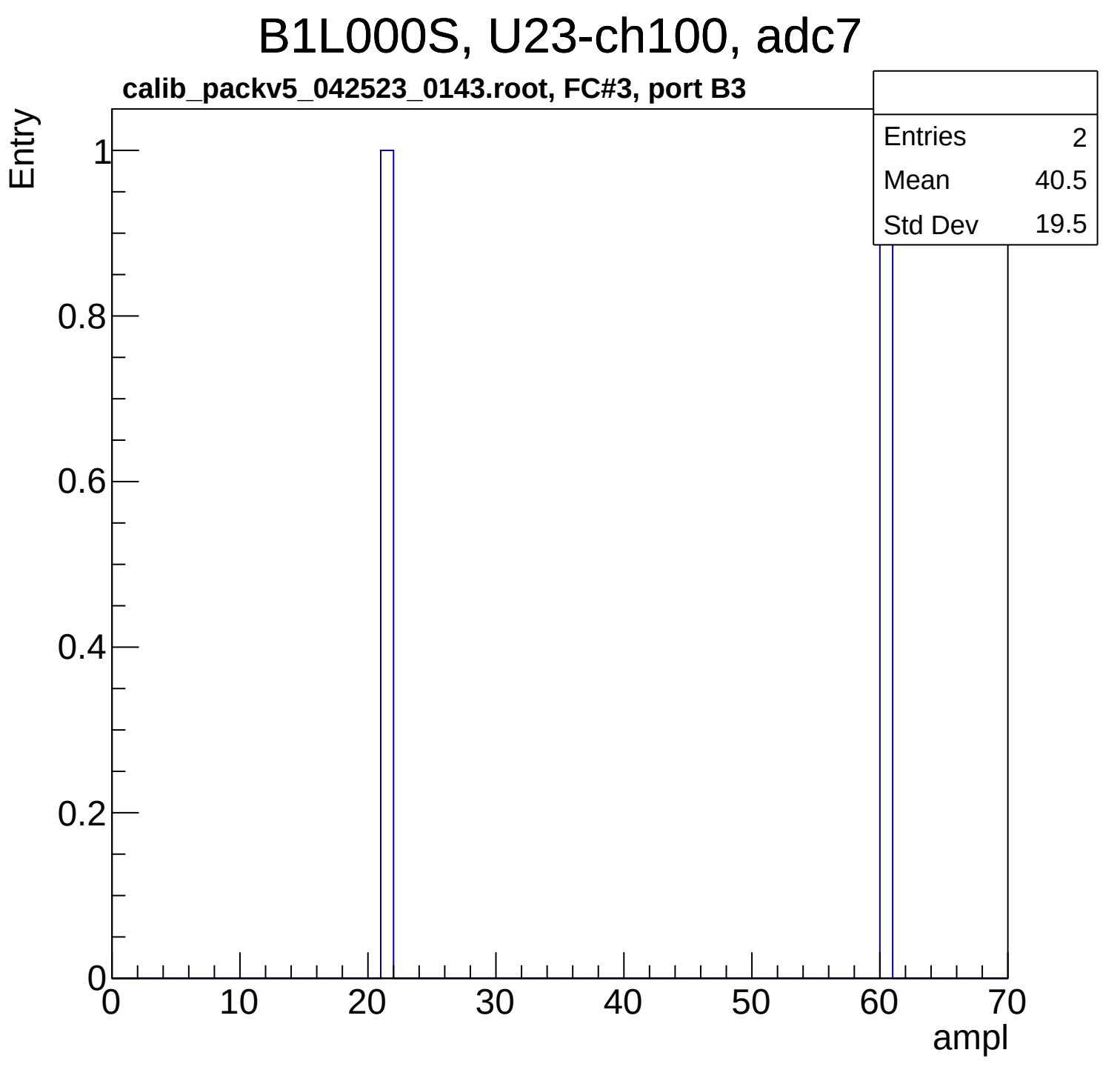
B1L000S, U23-ch100, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 40.5
Std Dev 19.5
Entry
ampl
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0.2
0.4
0.6
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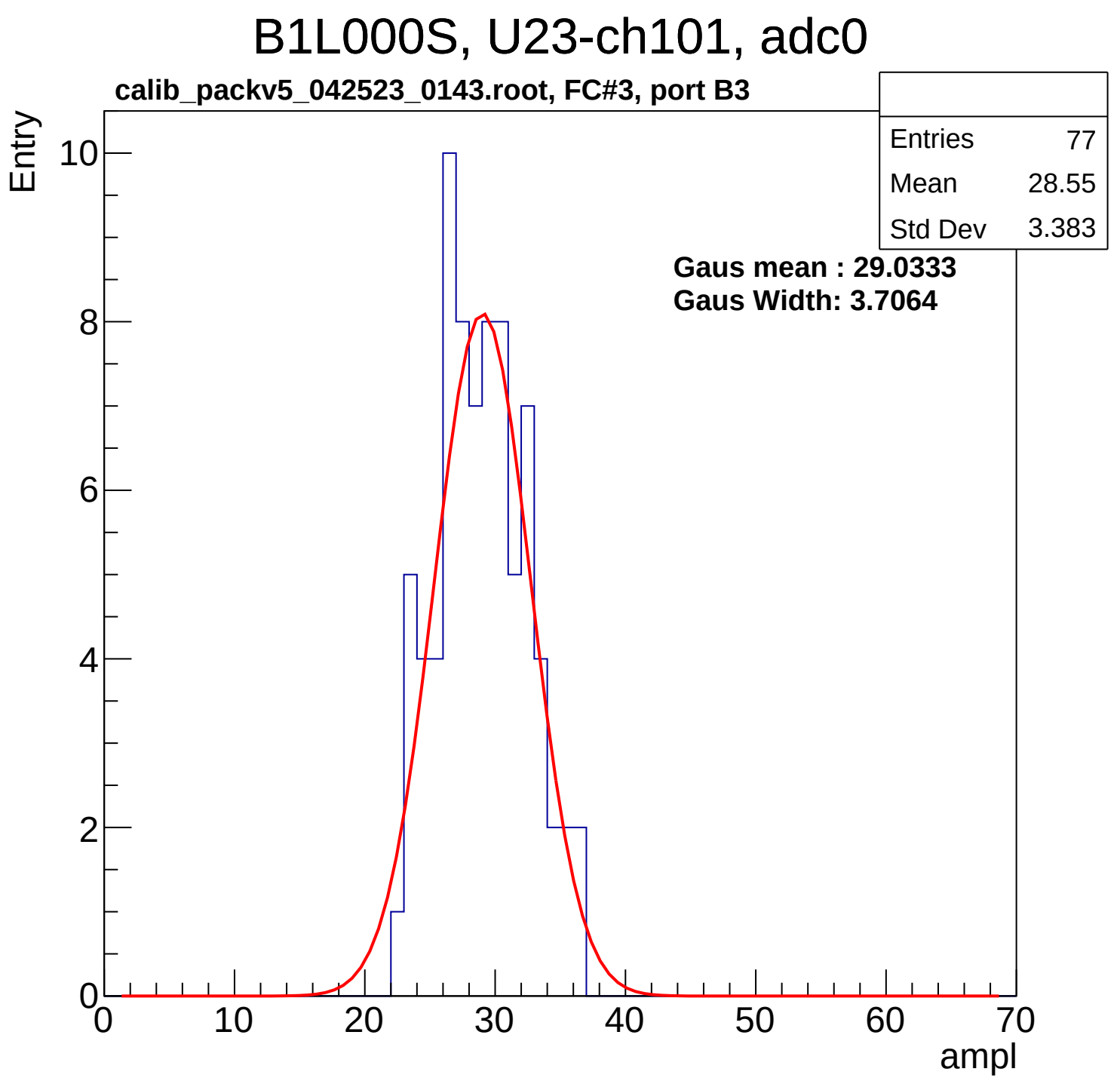
B1L000S, U23-ch101, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 28.55
Std Dev 3.383
Gaus mean : 29.0333
Gaus Width: 3.7064
Entry
ampl
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0
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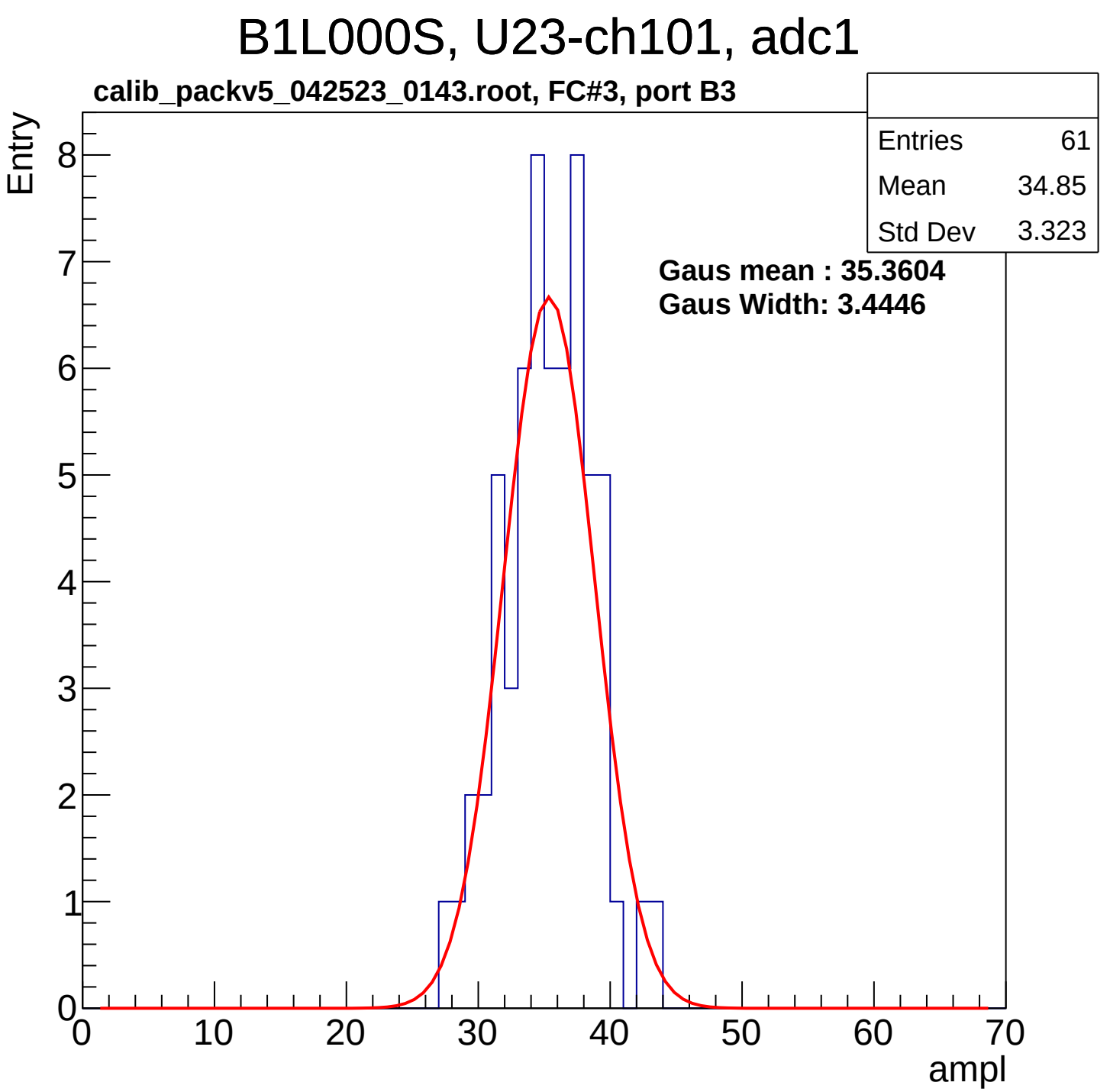
B1L000S, U23-ch101, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 34.85
Std Dev 3.323
Gaus mean : 35.3604
Gaus Width: 3.4446
Entry
ampl
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3
4
5
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7
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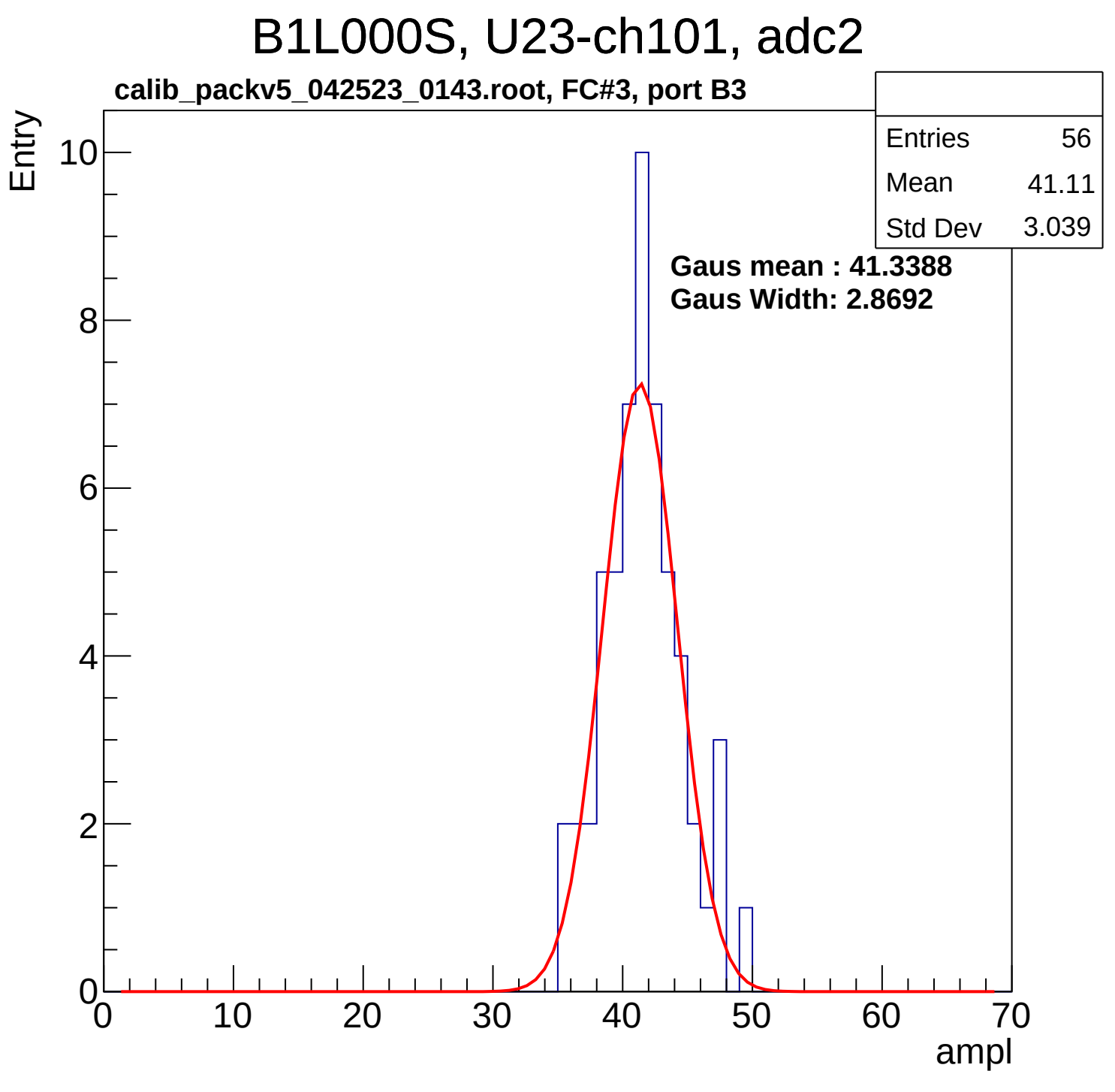
B1L000S, U23-ch101, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.11
Std Dev 3.039
Gaus mean : 41.3388
Gaus Width: 2.8692
Entry
ampl
0
2
4
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8
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0
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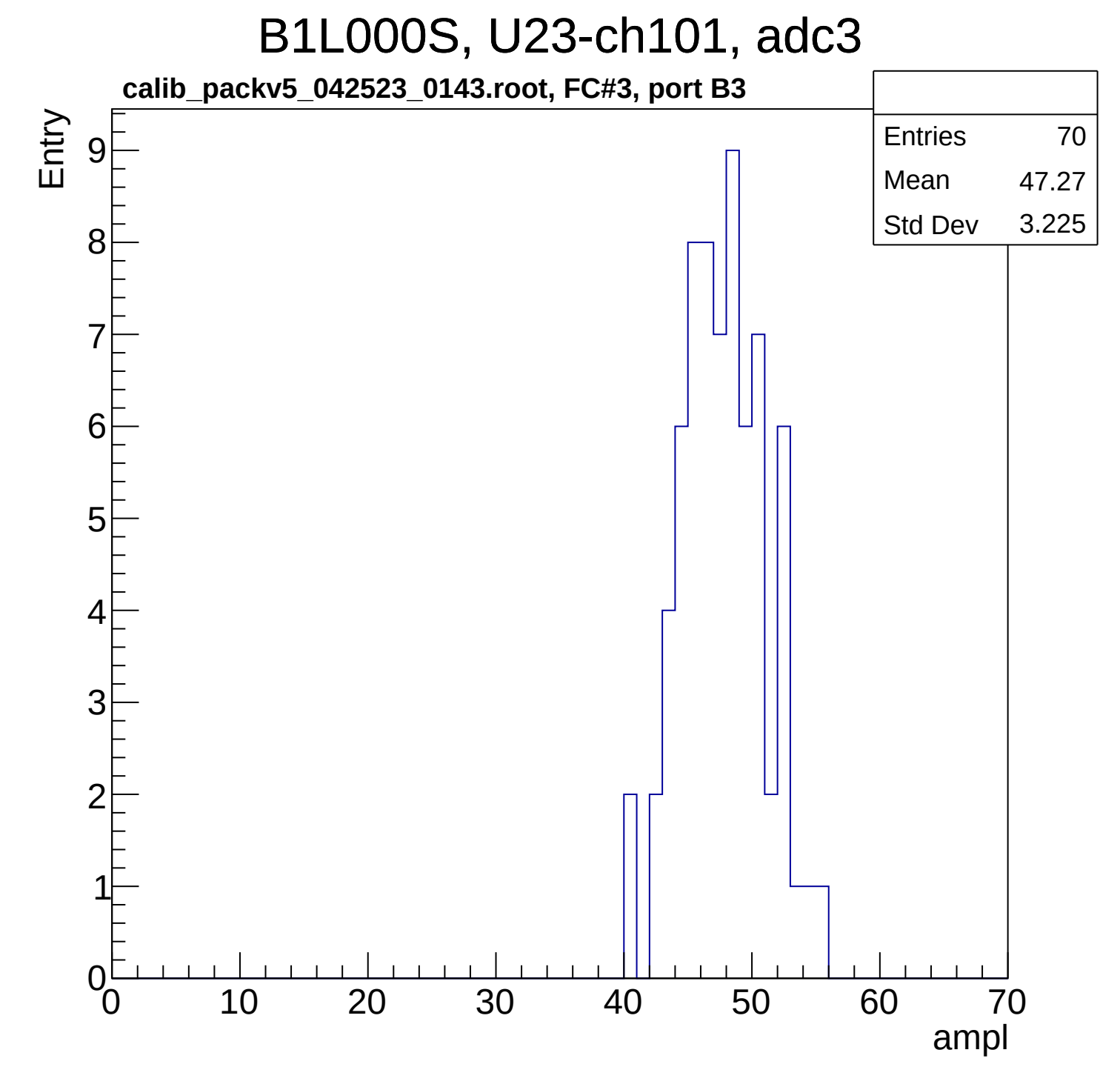
B1L000S, U23-ch101, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.27
Std Dev 3.225
Entry
ampl
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2
3
4
5
6
7
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0
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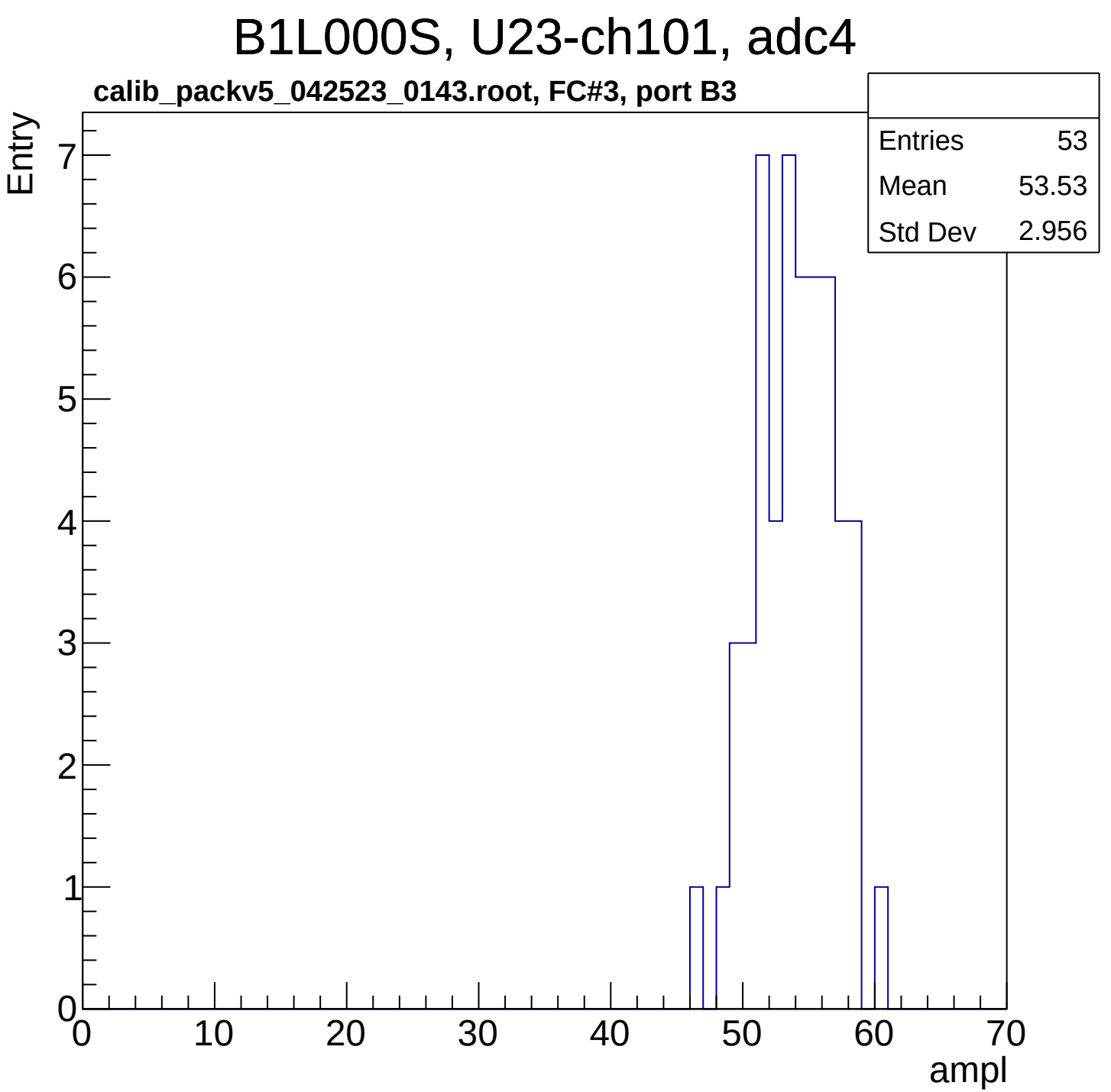
B1L000S, U23-ch101, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.53
Std Dev 2.956
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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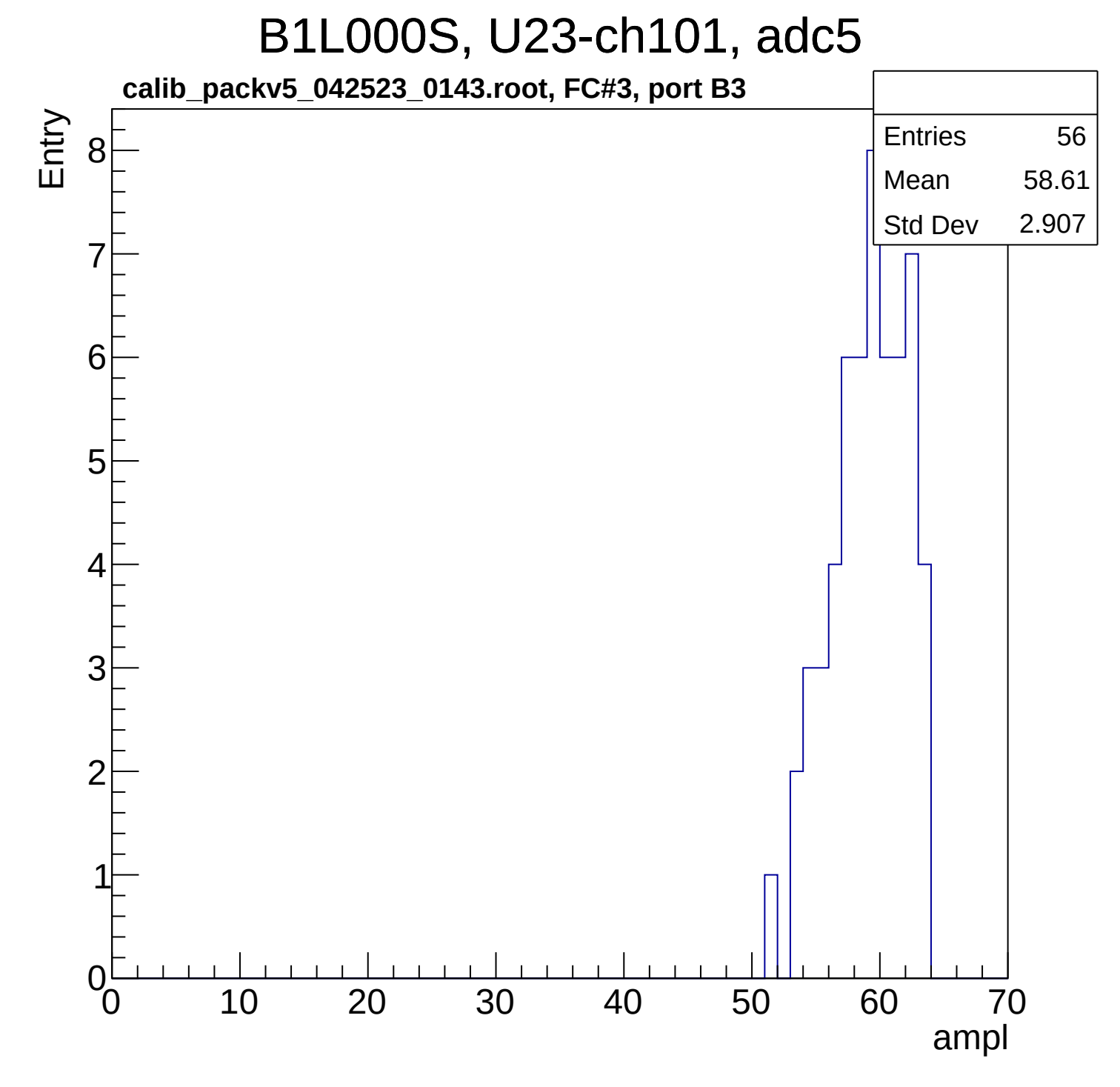
B1L000S, U23-ch101, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.61
Std Dev 2.907
Entry
ampl
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2
3
4
5
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0
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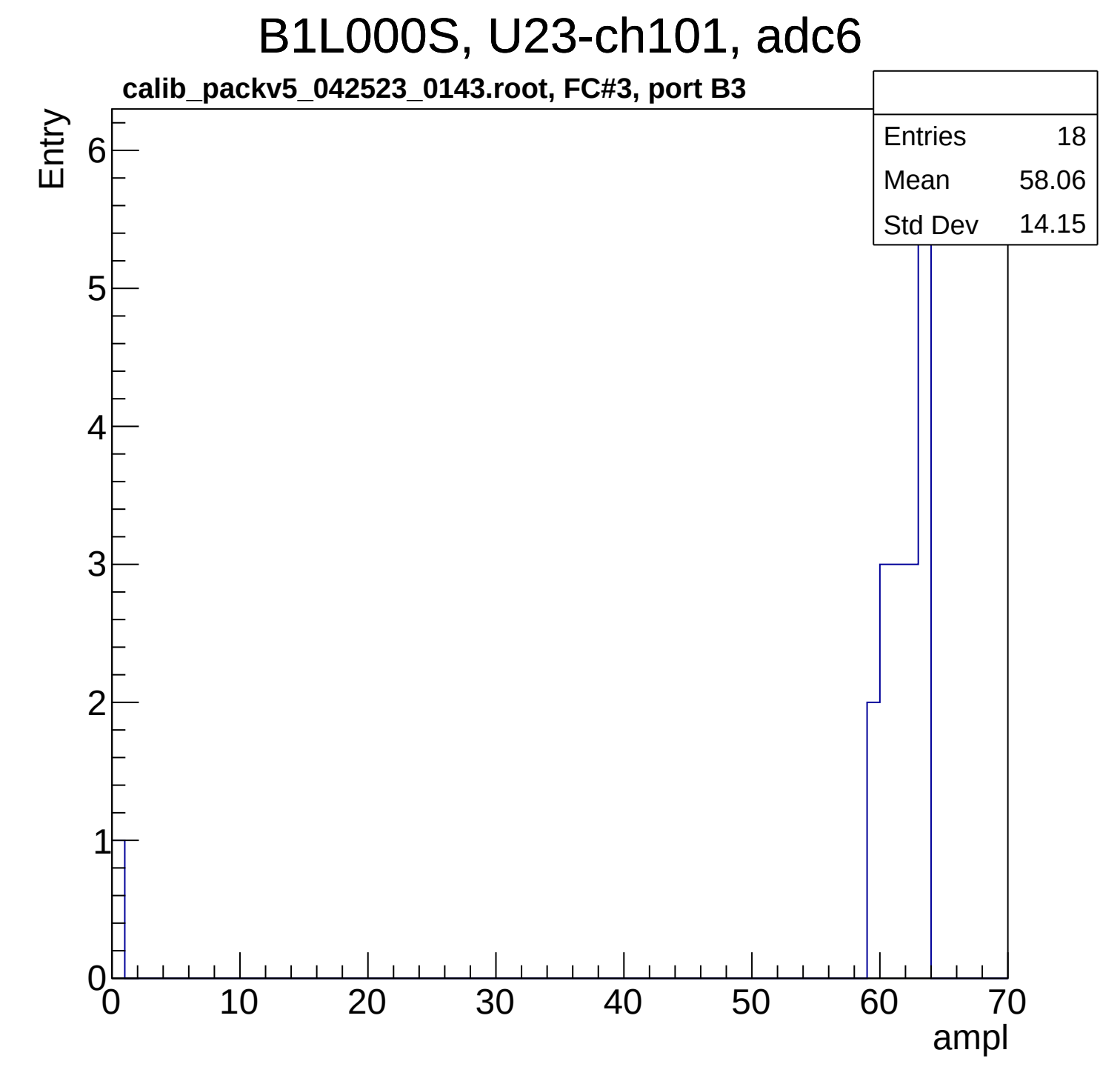
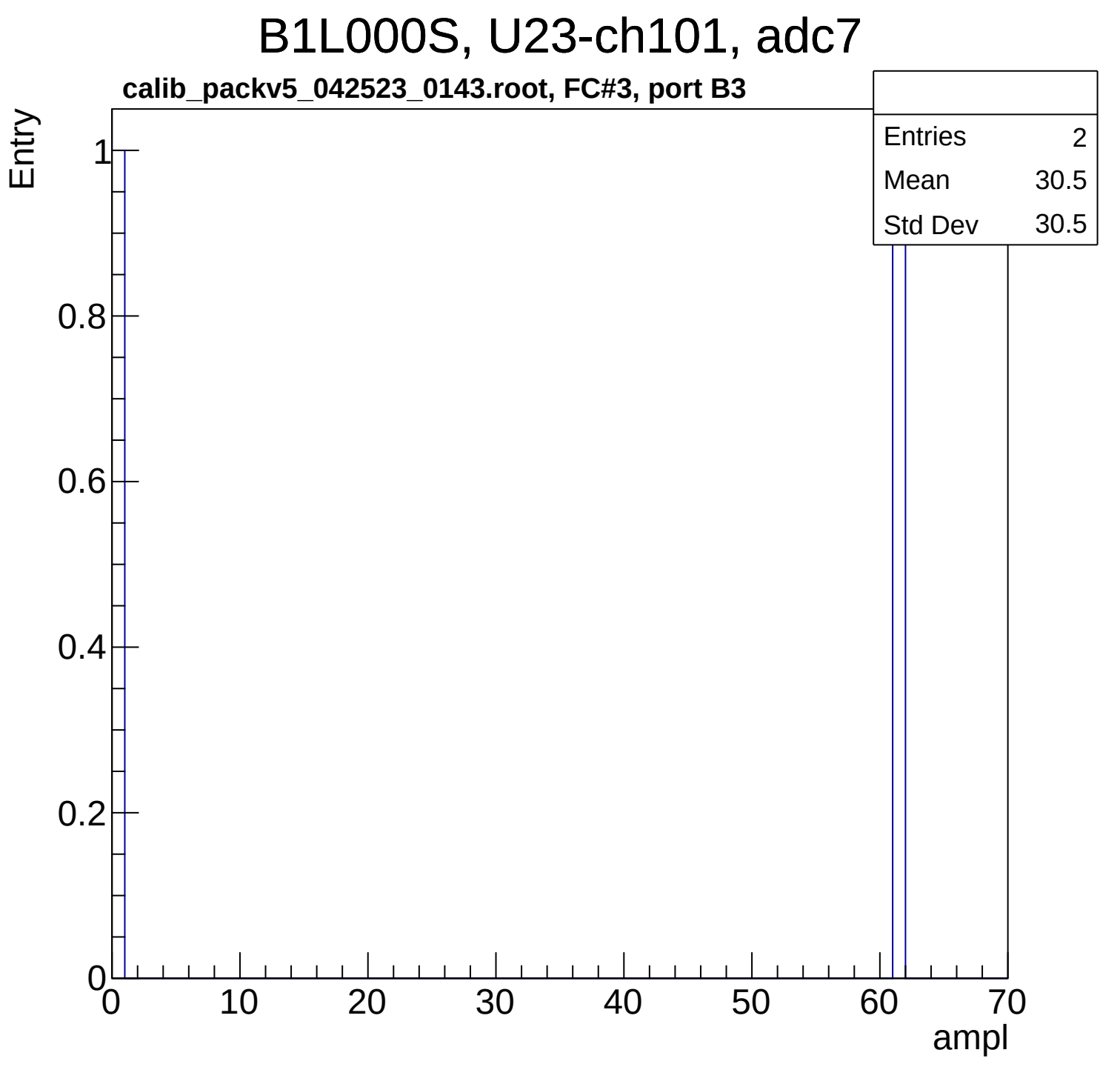
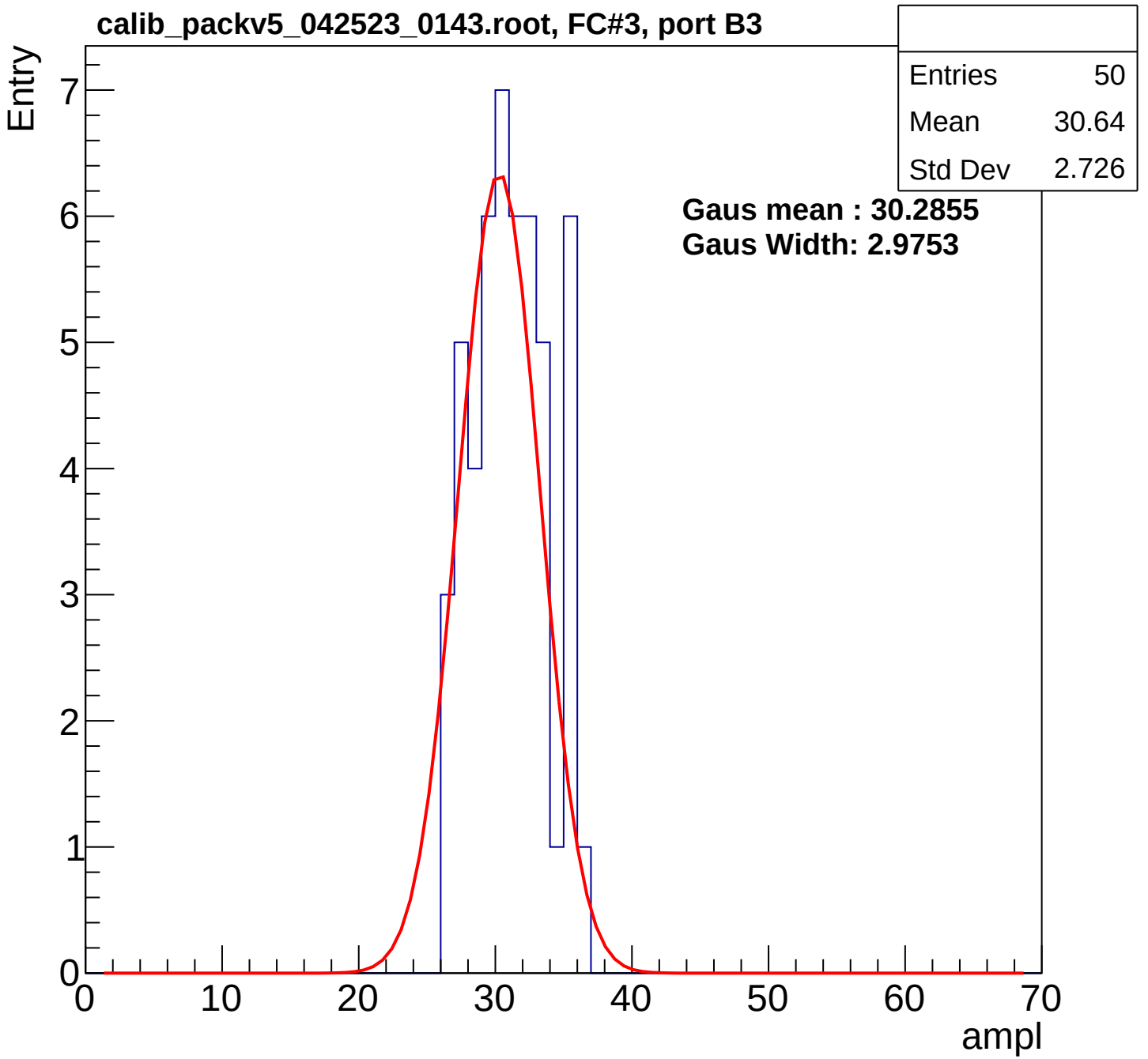

B1L000S, U23-ch101, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.06
Std Dev 14.15
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch101, 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, U23-ch102, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 30.64
Std Dev 2.726
Gaus mean : 30.2855
Gaus Width: 2.9753
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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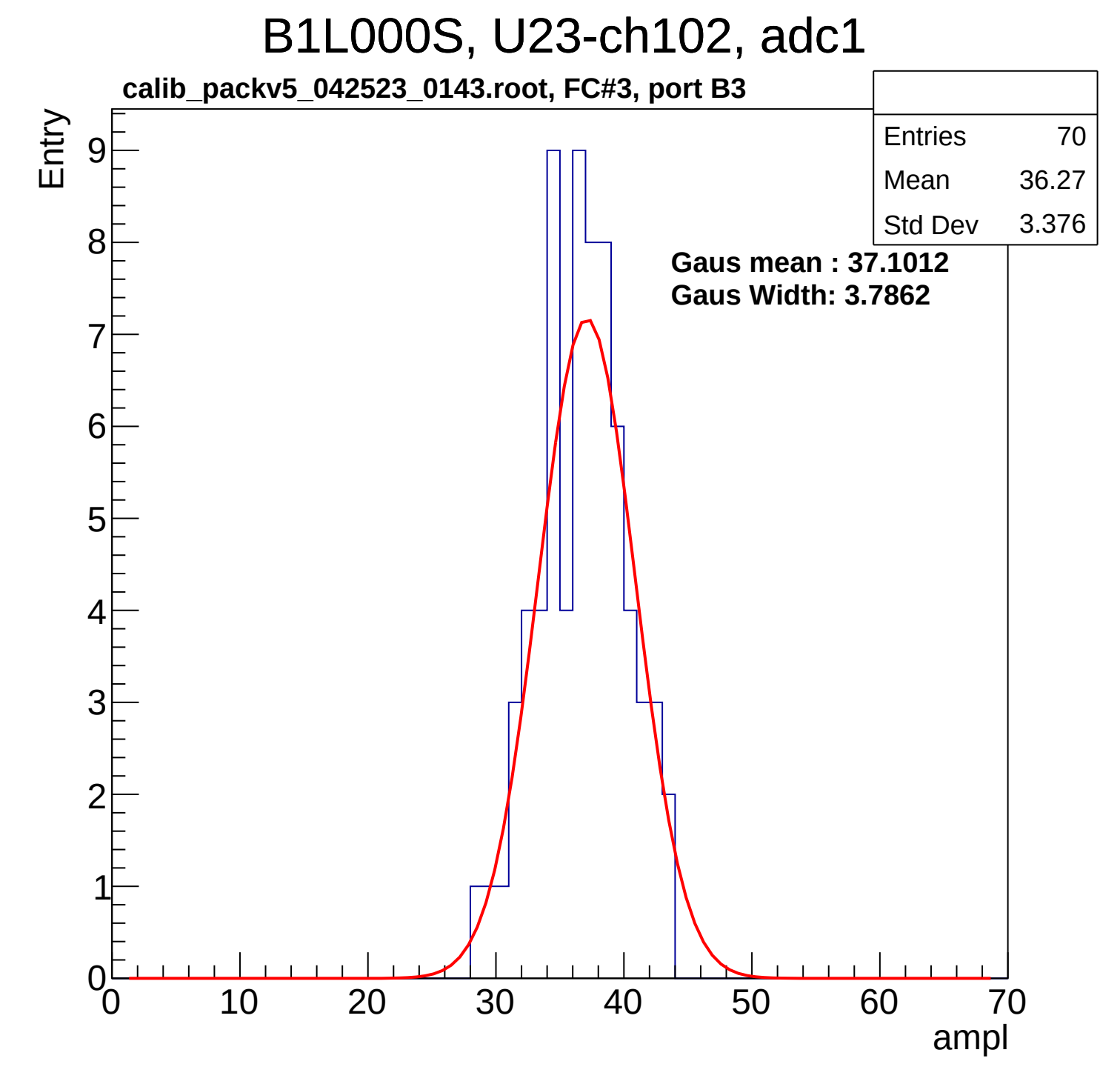
B1L000S, U23-ch102, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.27
Std Dev 3.376
Gaus mean : 37.1012
Gaus Width: 3.7862
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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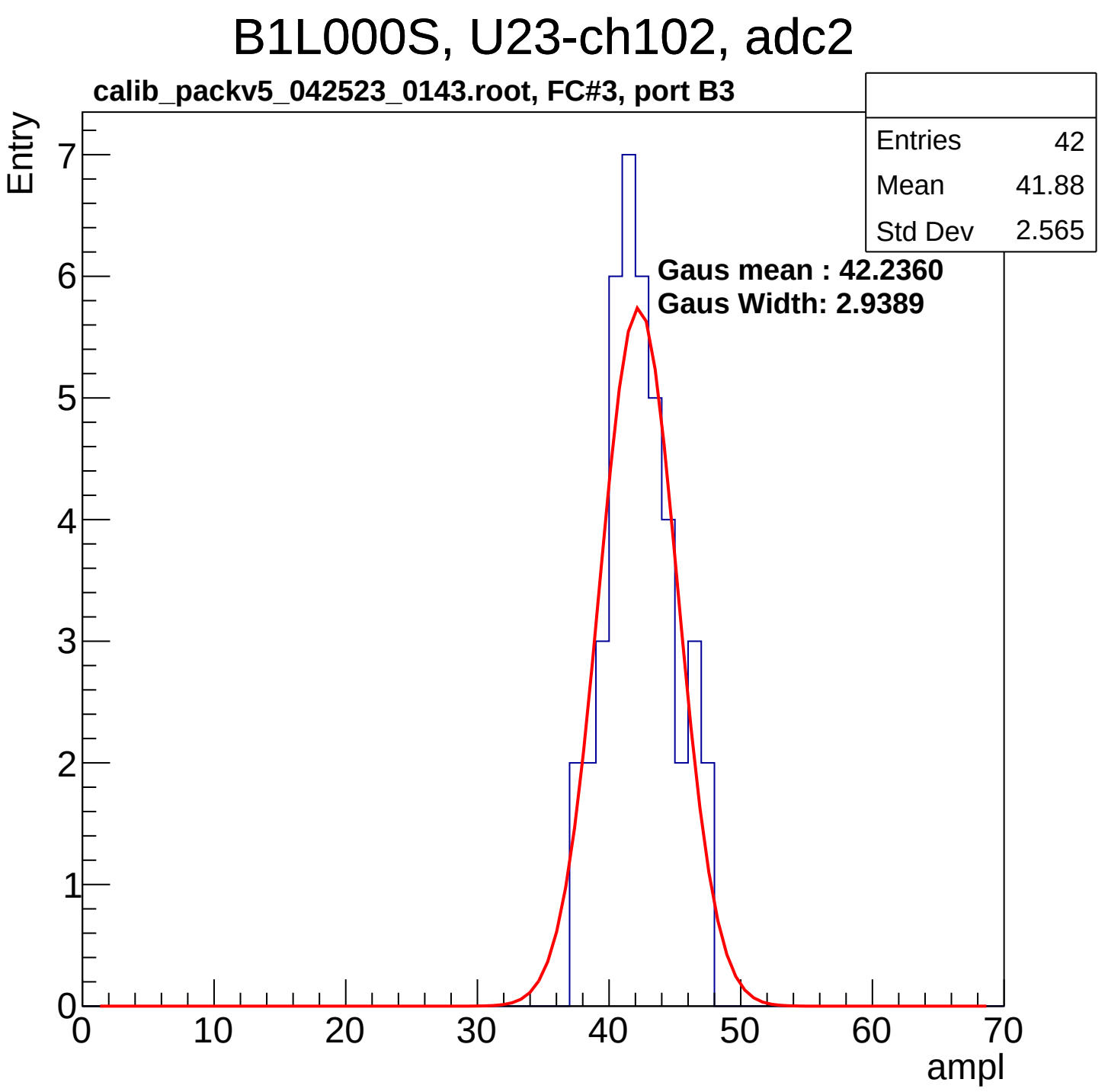
B1L000S, U23-ch102, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 41.88
Std Dev 2.565
Gaus mean : 42.2360
Gaus Width: 2.9389
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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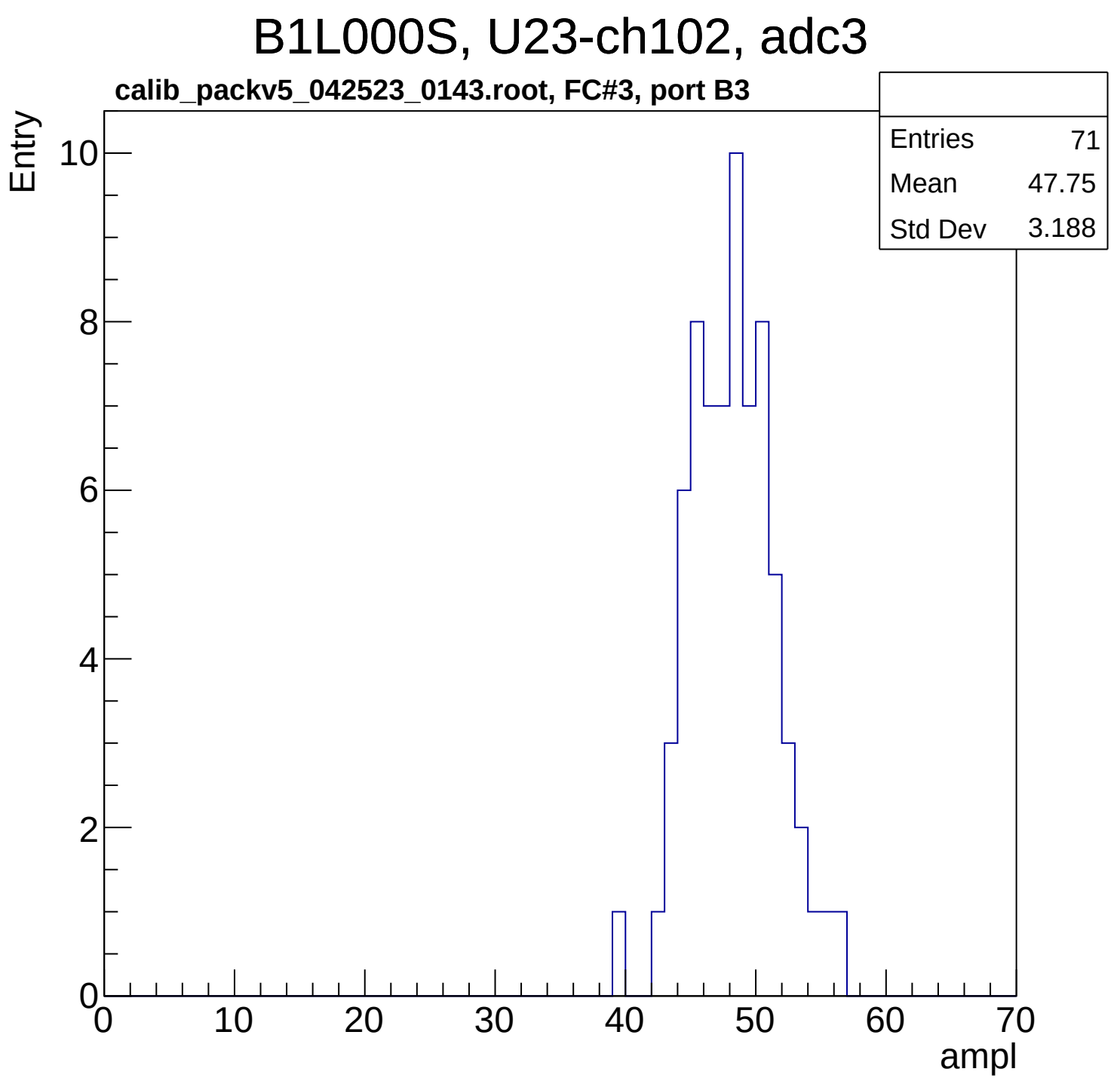
B1L000S, U23-ch102, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 47.75
Std Dev 3.188
Entry
ampl
0
2
4
6
8
10
0
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20
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40
50
60
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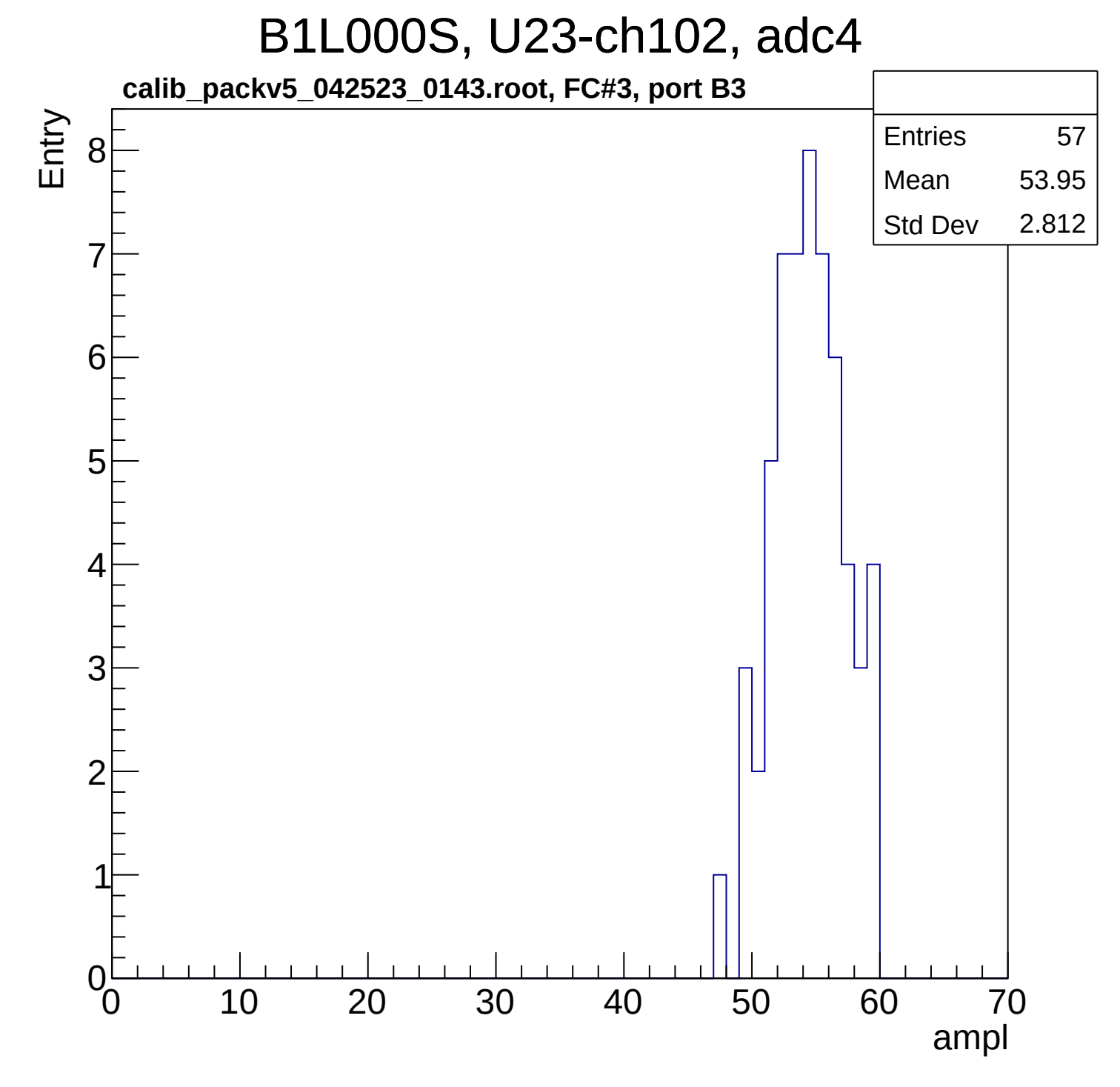
B1L000S, U23-ch102, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.95
Std Dev 2.812
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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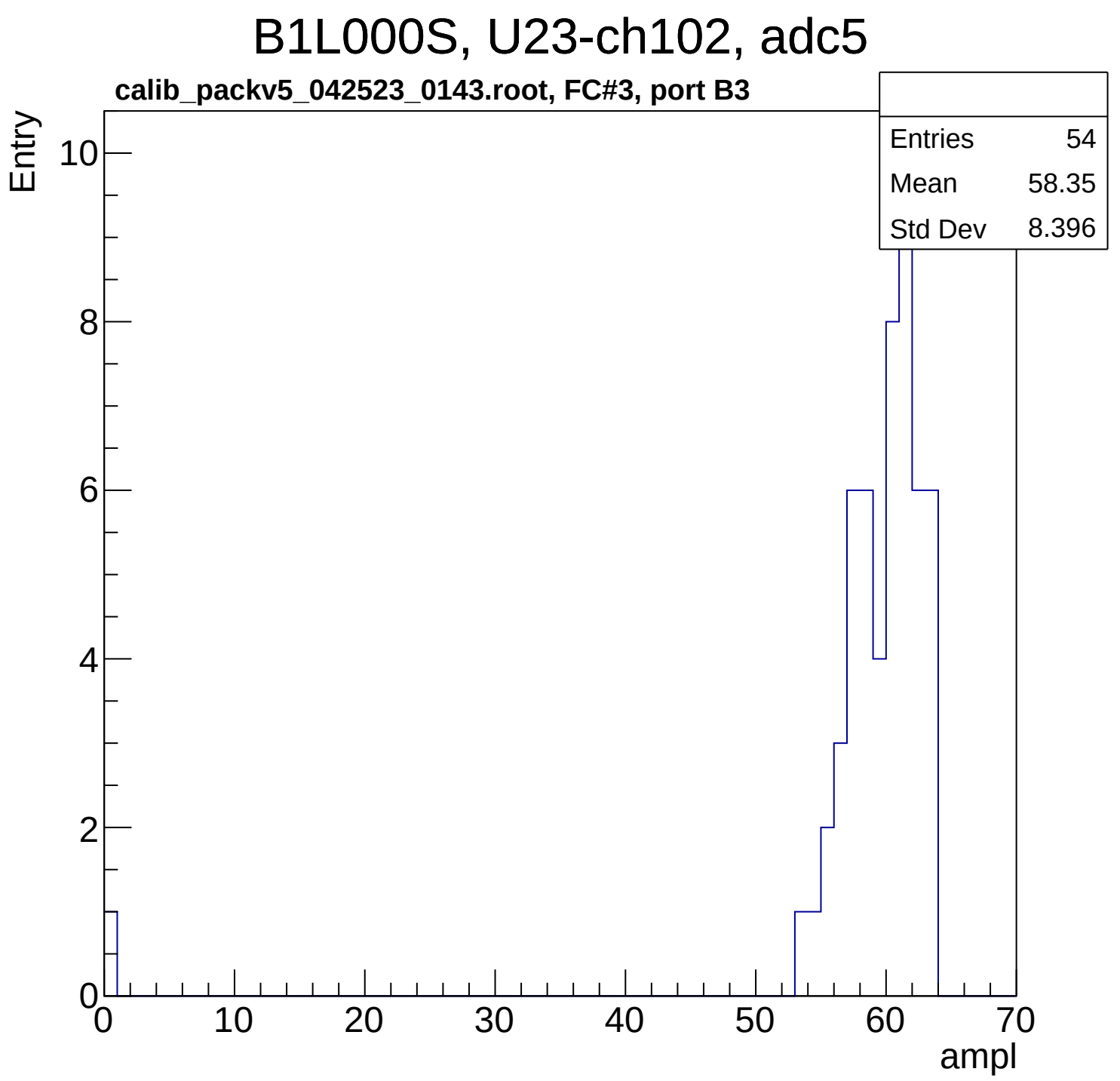
B1L000S, U23-ch102, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.35
Std Dev 8.396
Entry
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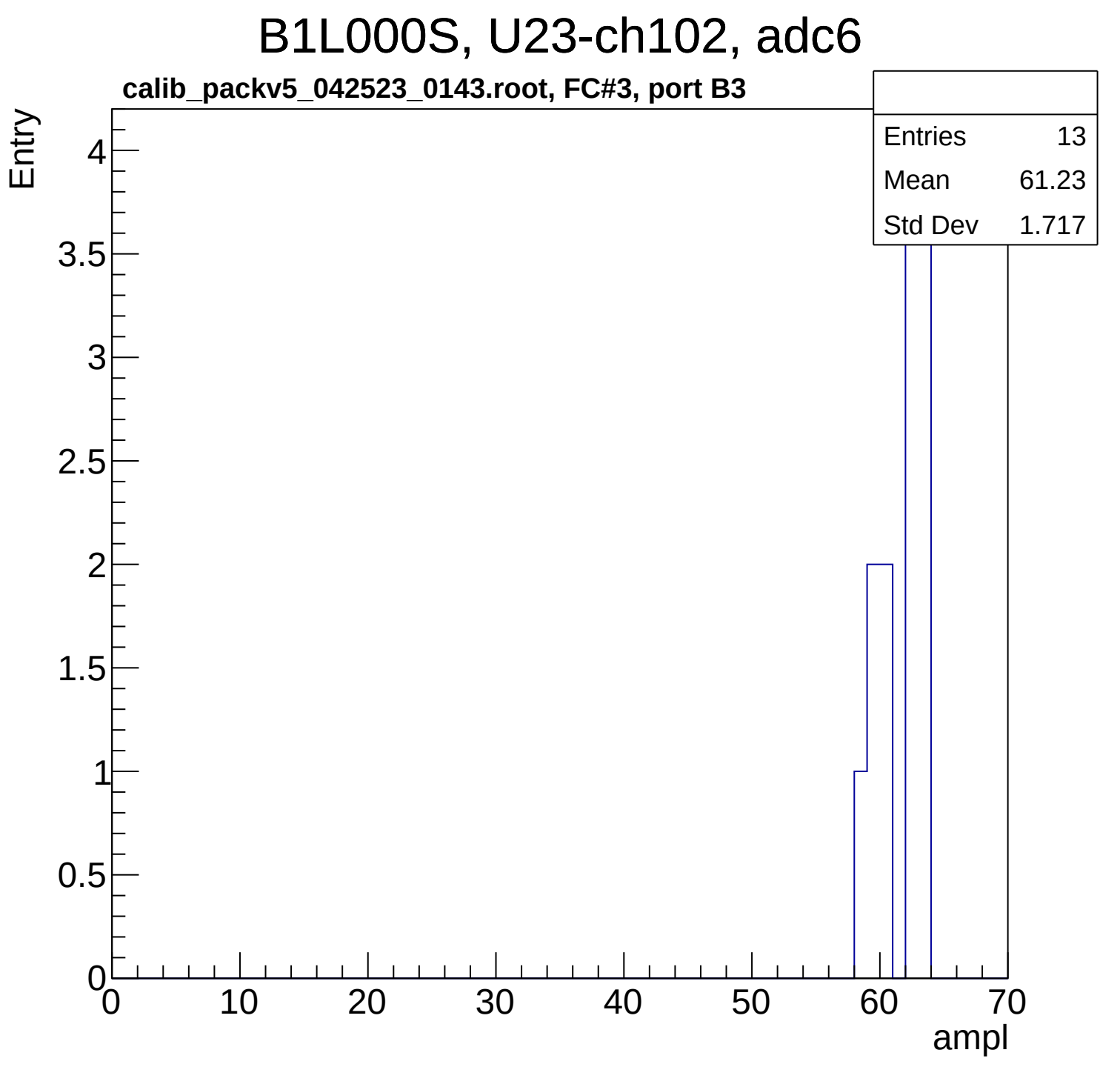
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch102, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.23
Std Dev 1.717
Entry
ampl
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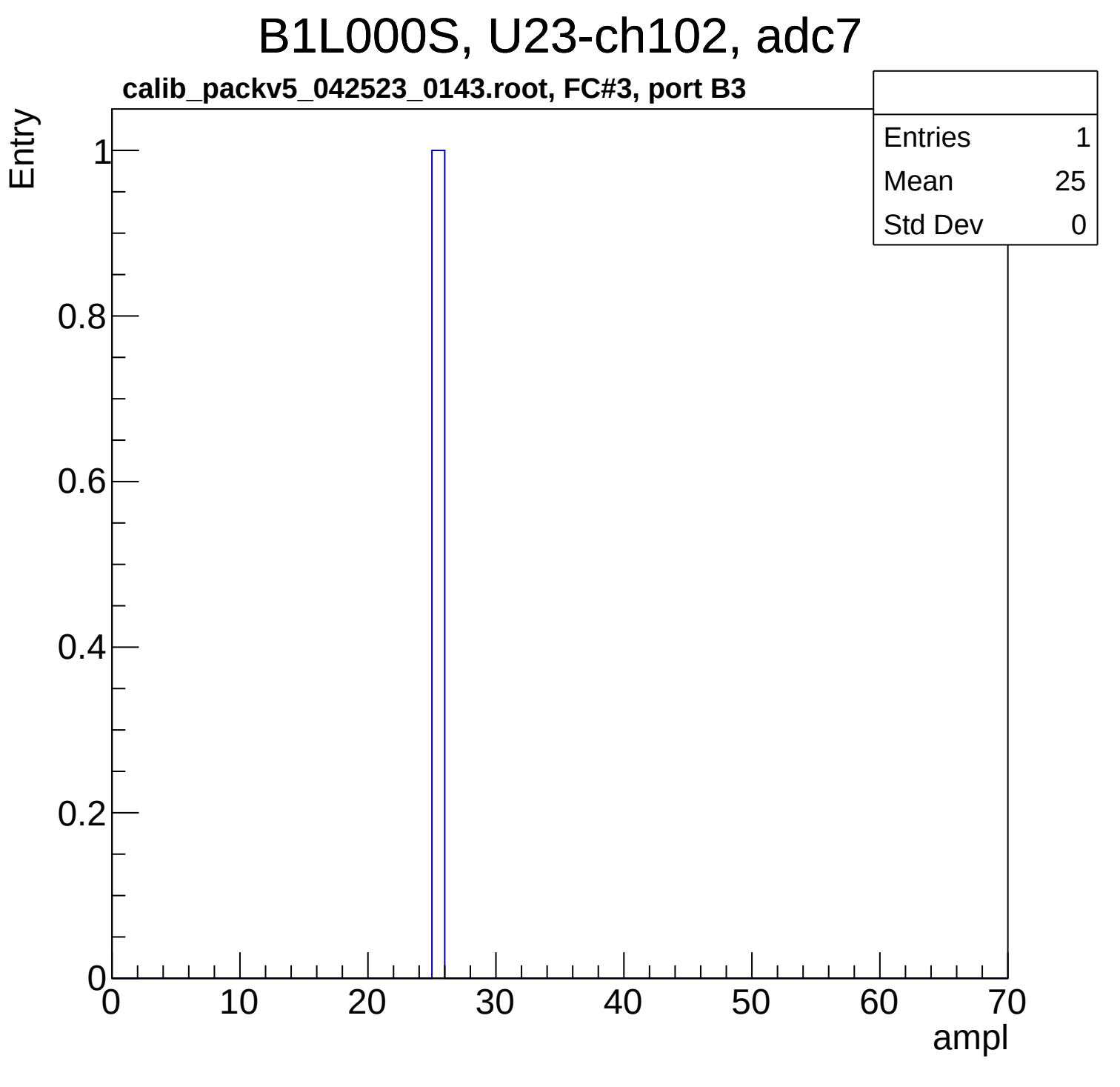
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch102, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 25
Std Dev 0
Entry
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0.6
0.4
0.2
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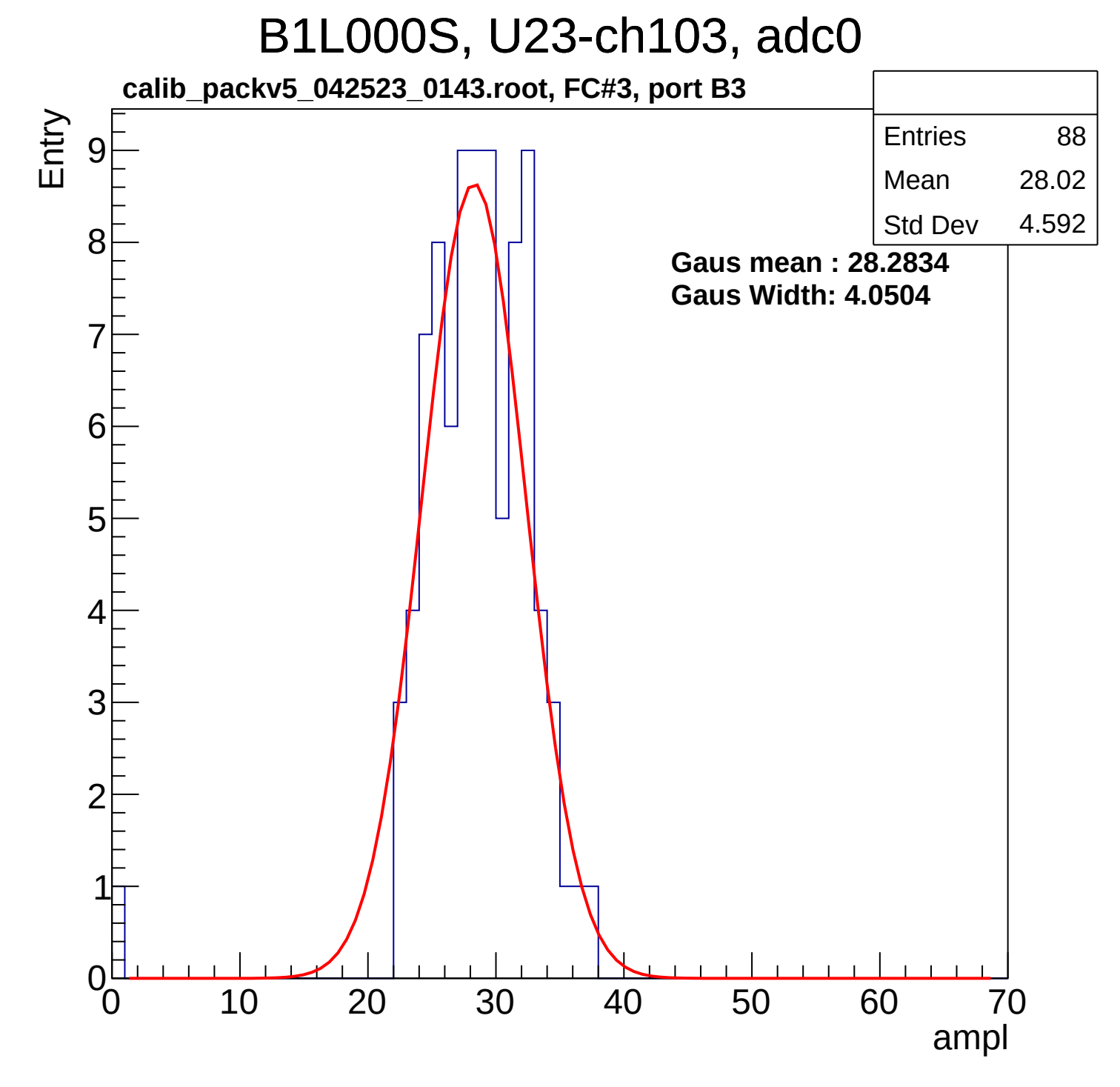
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch103, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 88
Mean 28.02
Std Dev 4.592
Gaus mean : 28.2834
Gaus Width: 4.0504
Entry
ampl
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3
4
5
6
7
8
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0
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20
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40
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60
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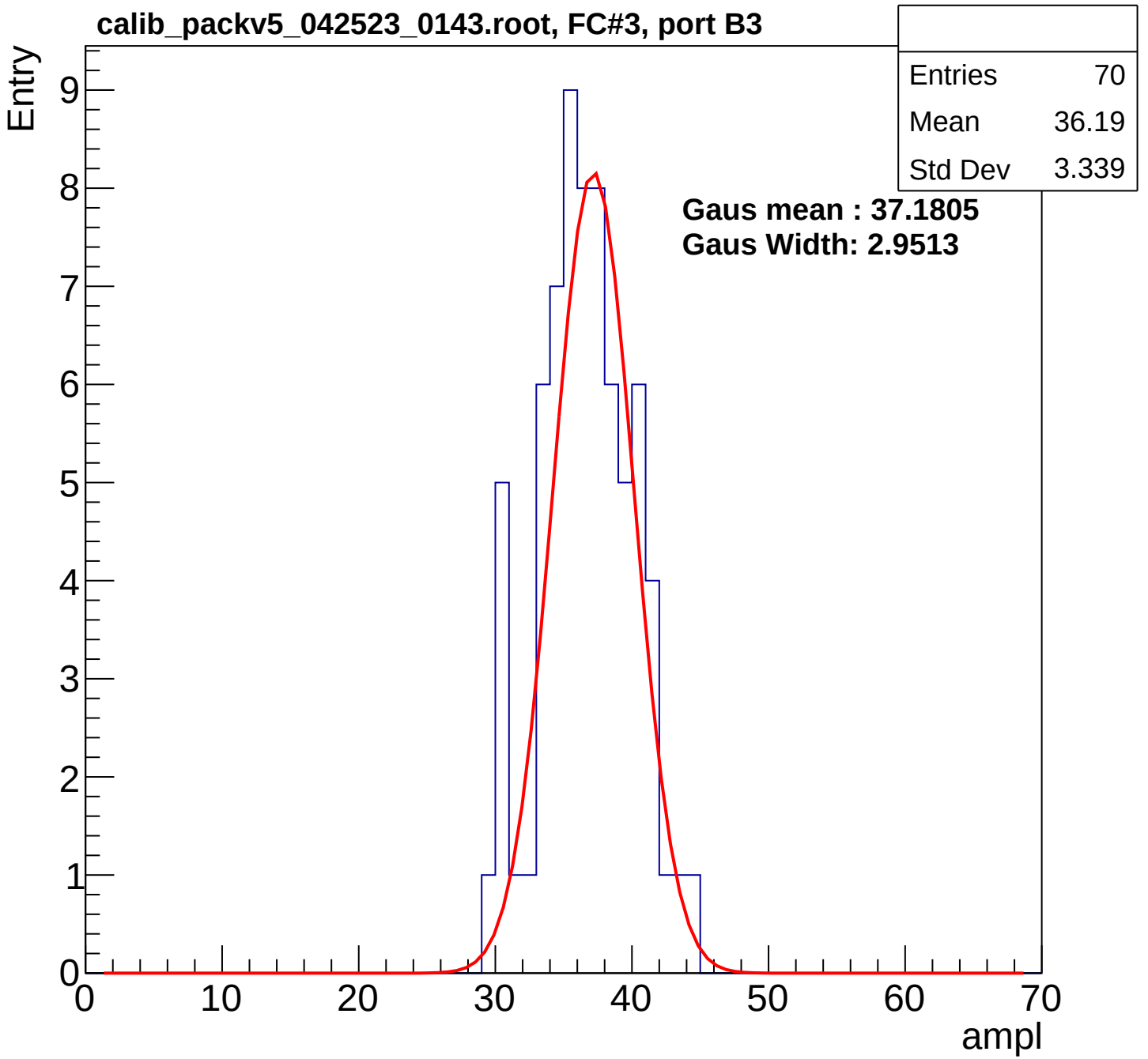
B1L000S, U23-ch103, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.19
Std Dev 3.339
Gaus mean : 37.1805
Gaus Width: 2.9513
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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60
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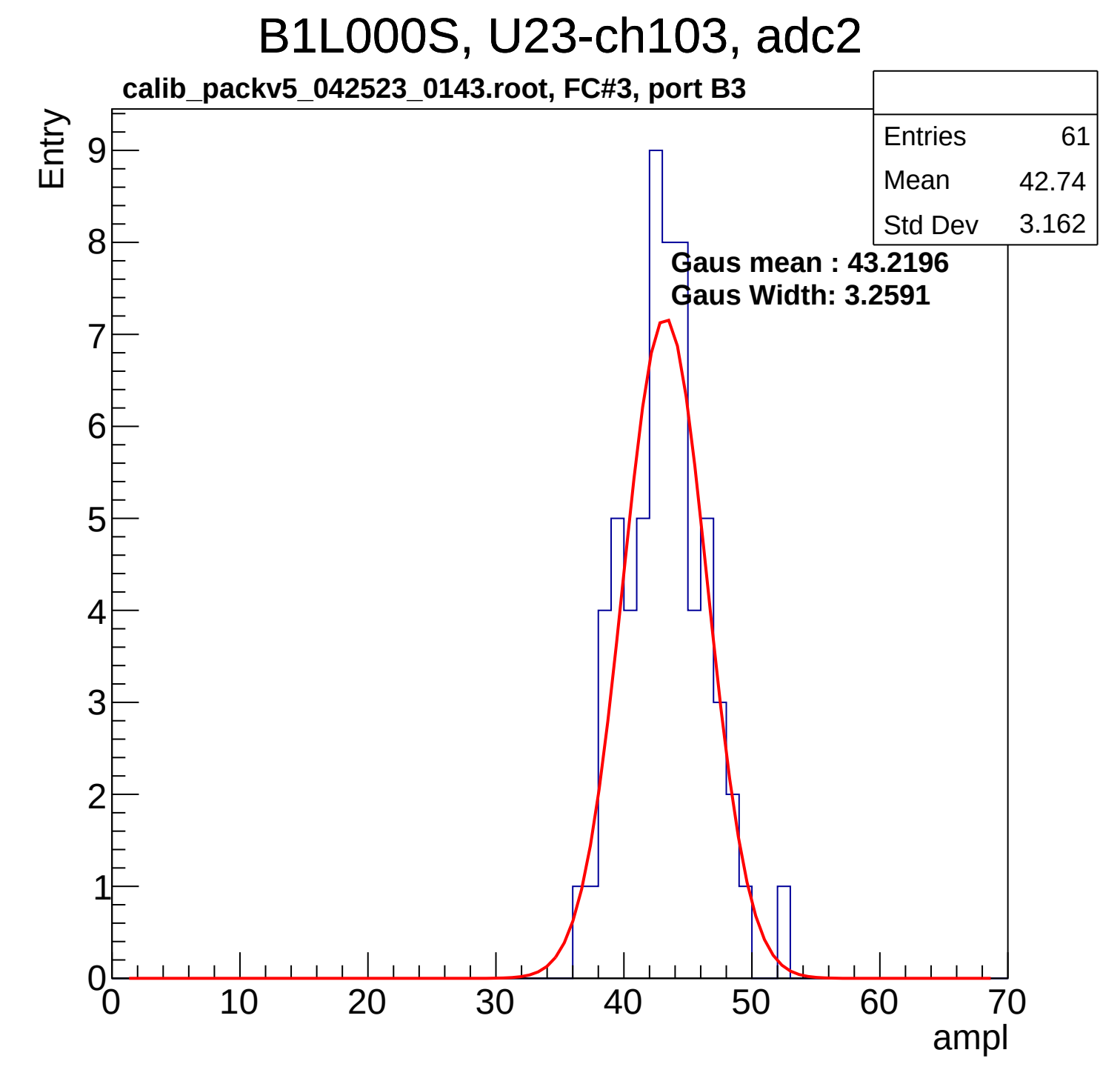
B1L000S, U23-ch103, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.74
Std Dev 3.162
Gaus mean : 43.2196
Gaus Width: 3.2591
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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40
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60
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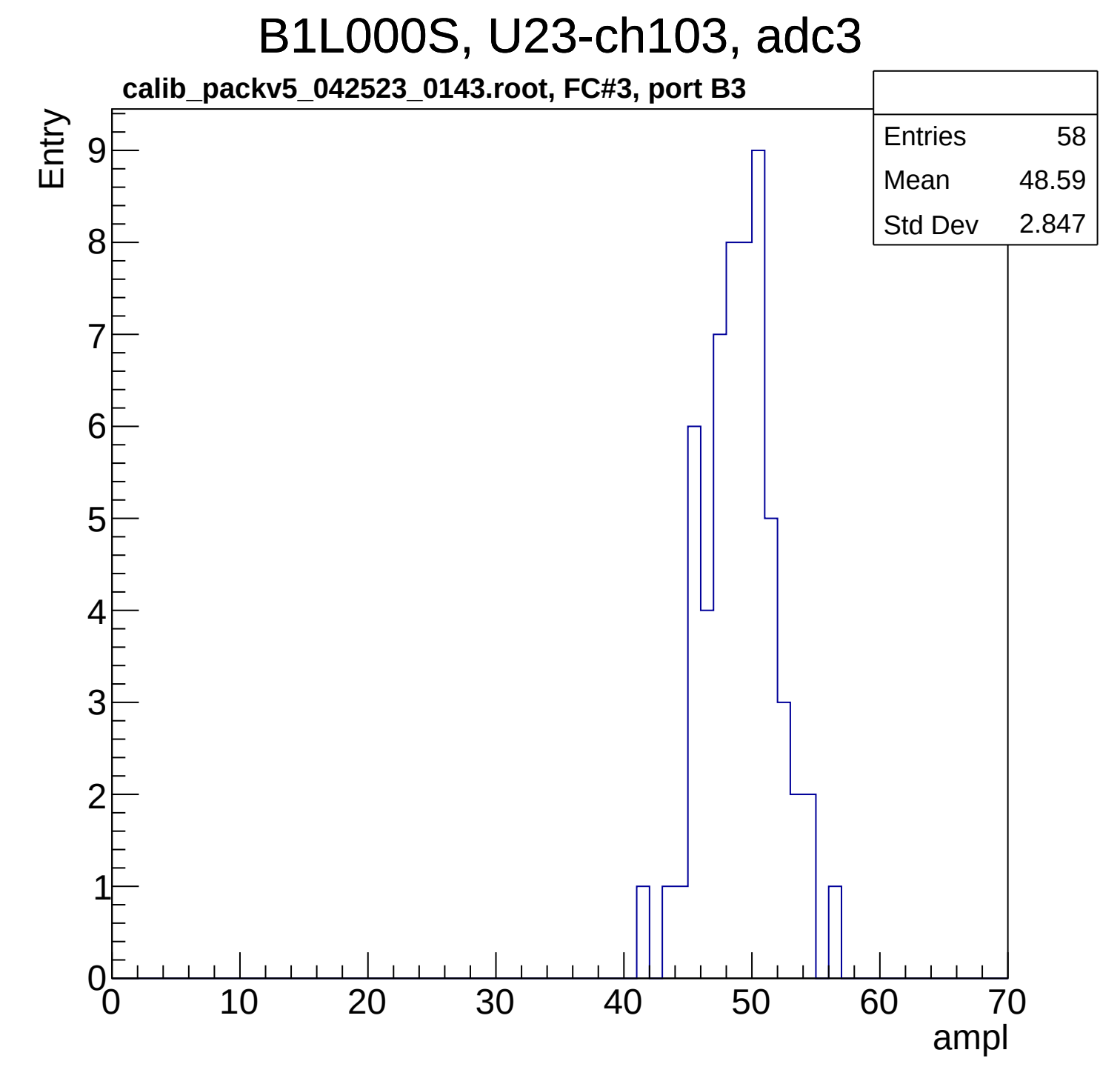
B1L000S, U23-ch103, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.59
Std Dev 2.847
Entry
ampl
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6
7
8
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0
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60
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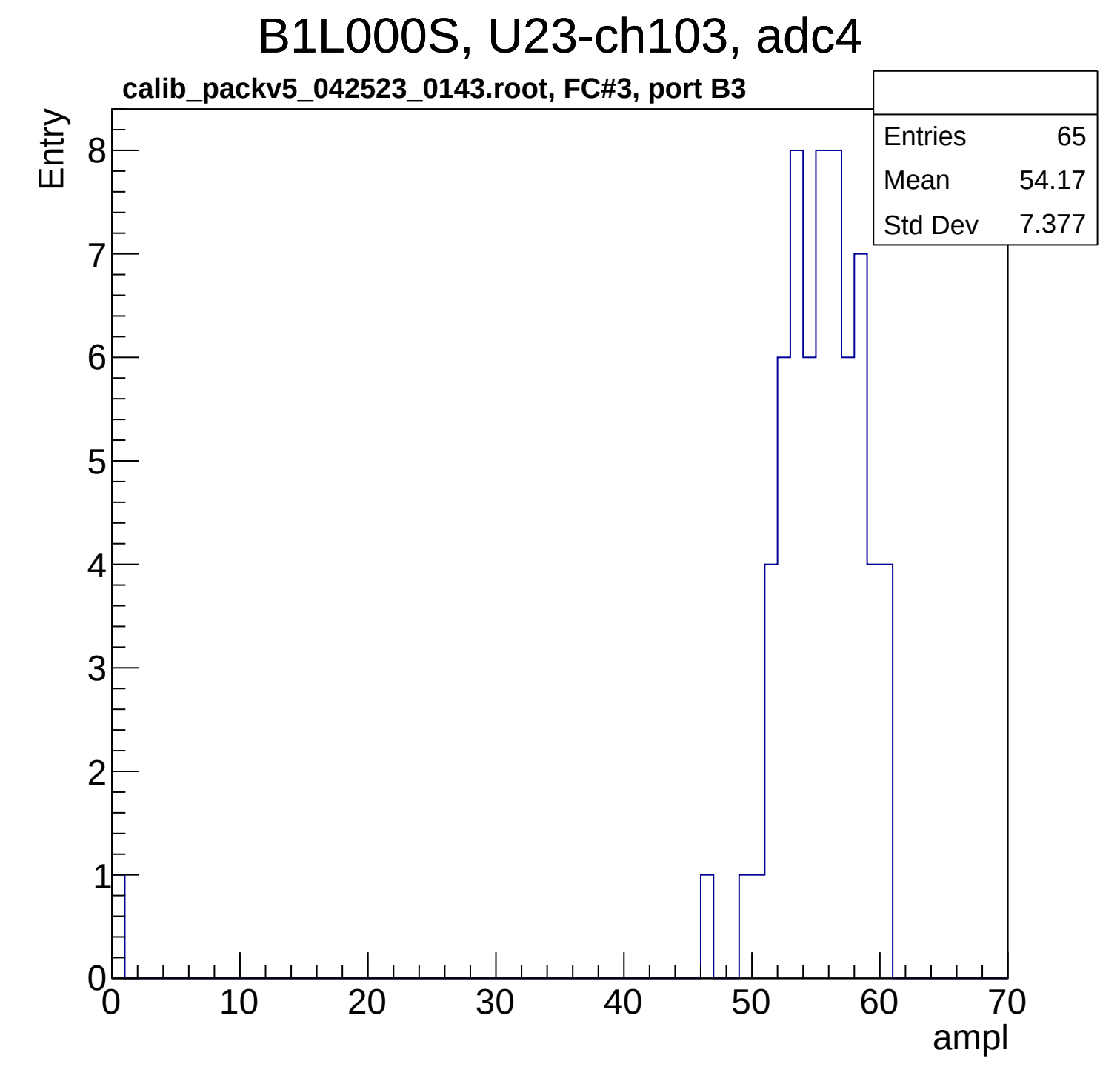
B1L000S, U23-ch103, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.17
Std Dev 7.377
Entry
ampl
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3
4
5
6
7
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0
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20
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60
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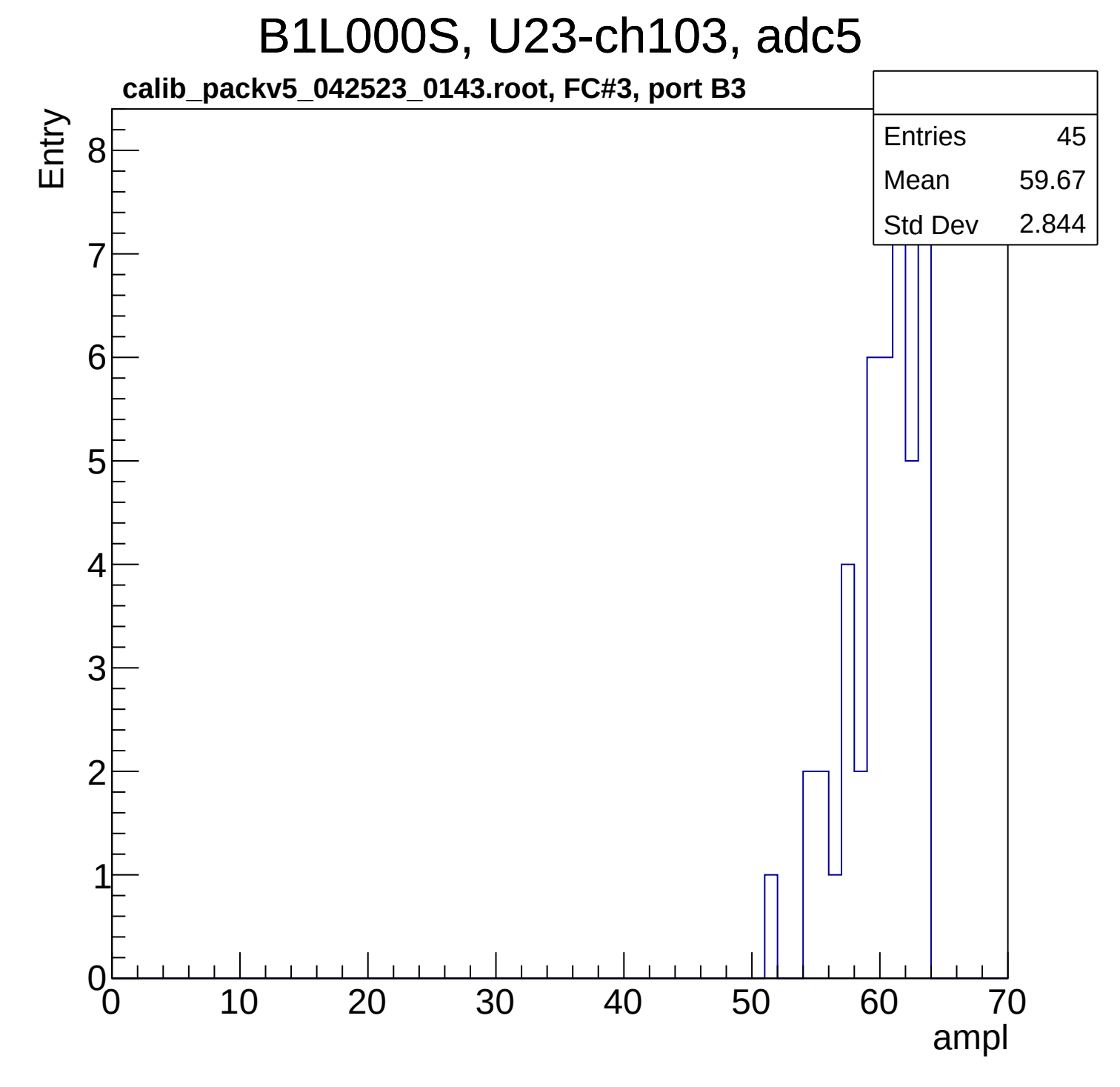
B1L000S, U23-ch103, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 59.67
Std Dev 2.844
Entry
ampl
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4
5
6
7
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0
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20
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60
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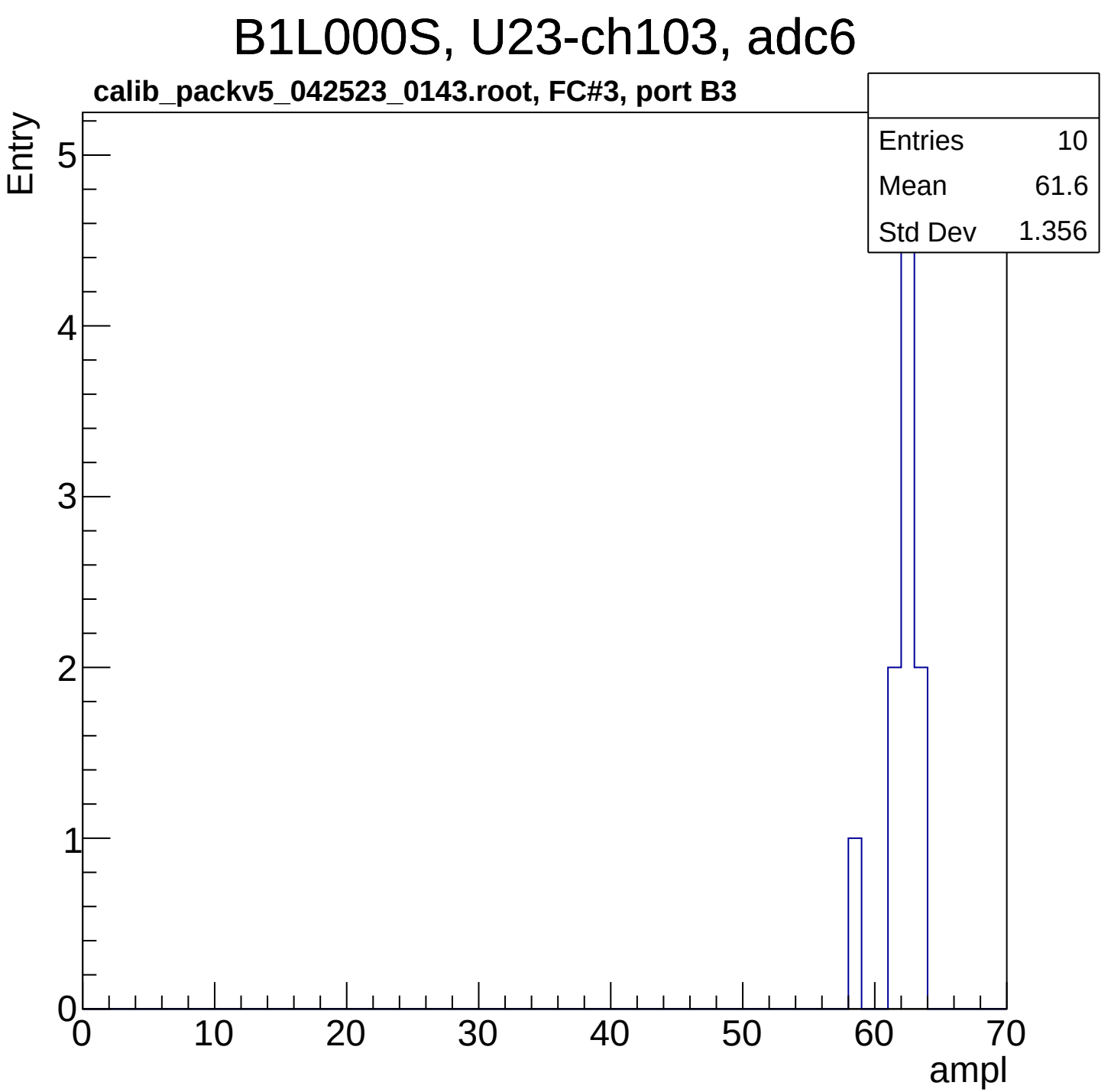
B1L000S, U23-ch103, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.6
Std Dev 1.356
Entry
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2
3
4
5
0
10
20
30
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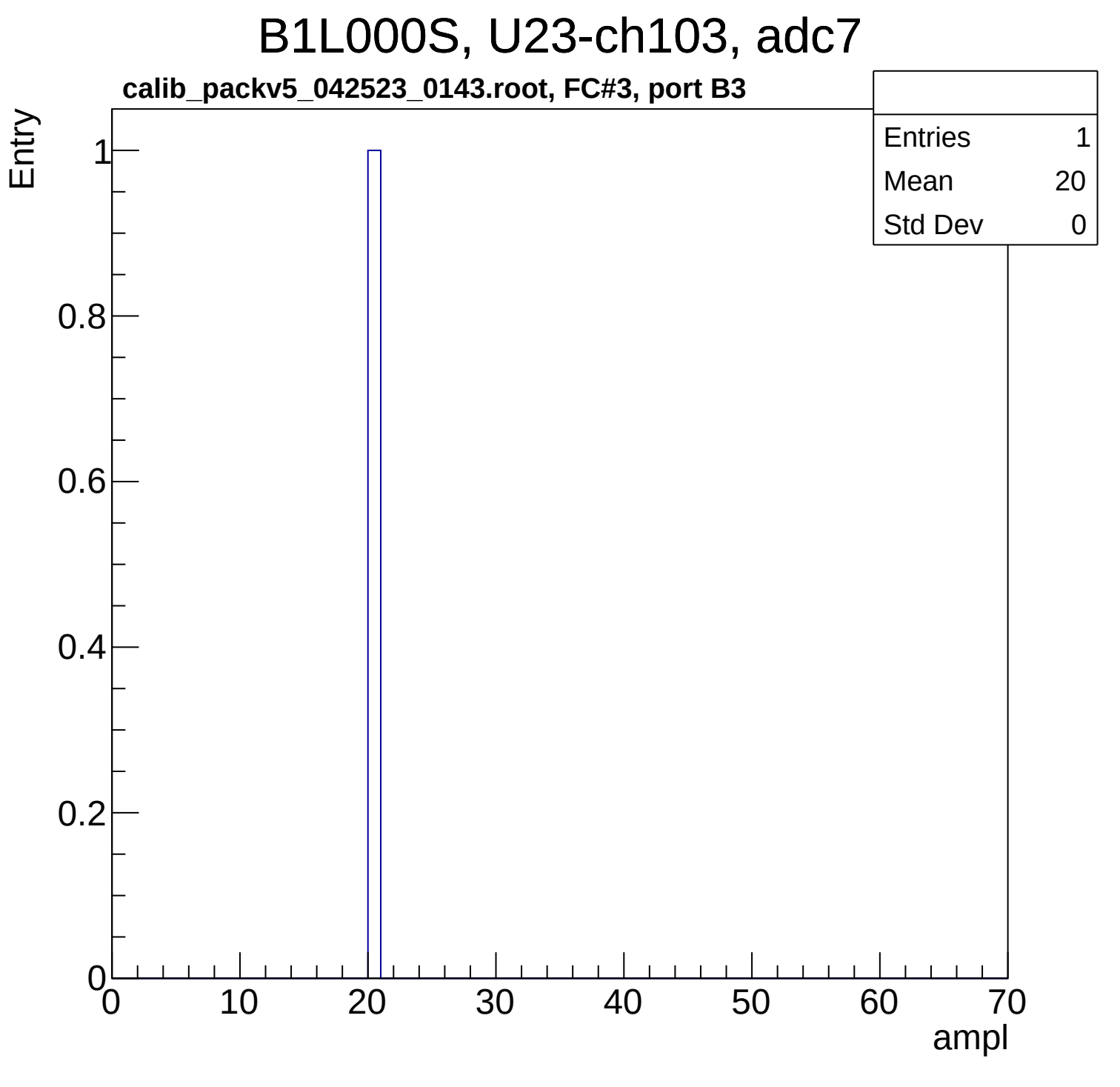
50
60
70
ampl


B1L000S, U23-ch103, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
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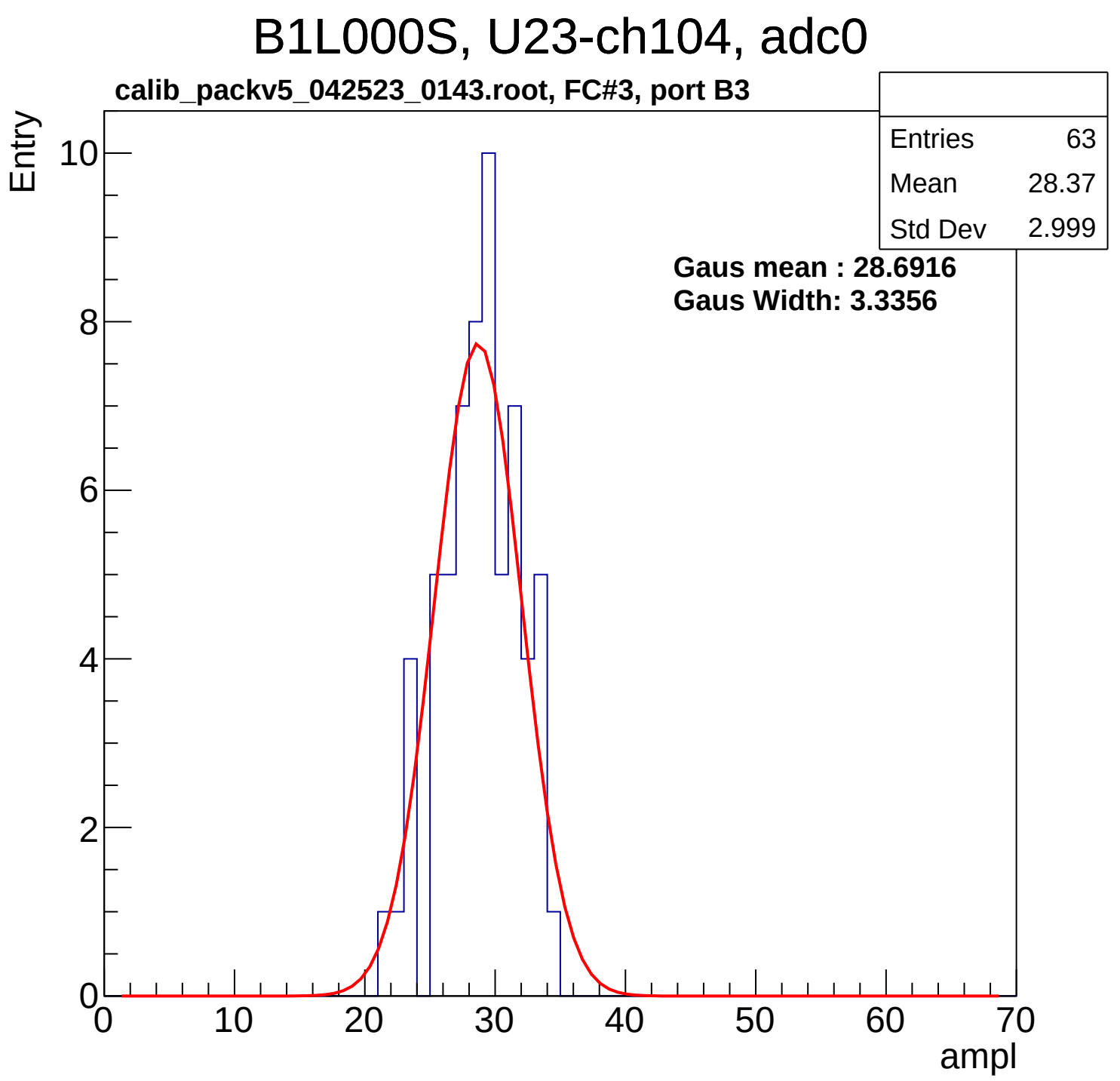
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch104, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.37
Std Dev 2.999
Gaus mean : 28.6916
Gaus Width: 3.3356
Entry
ampl
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4
6
8
10
0
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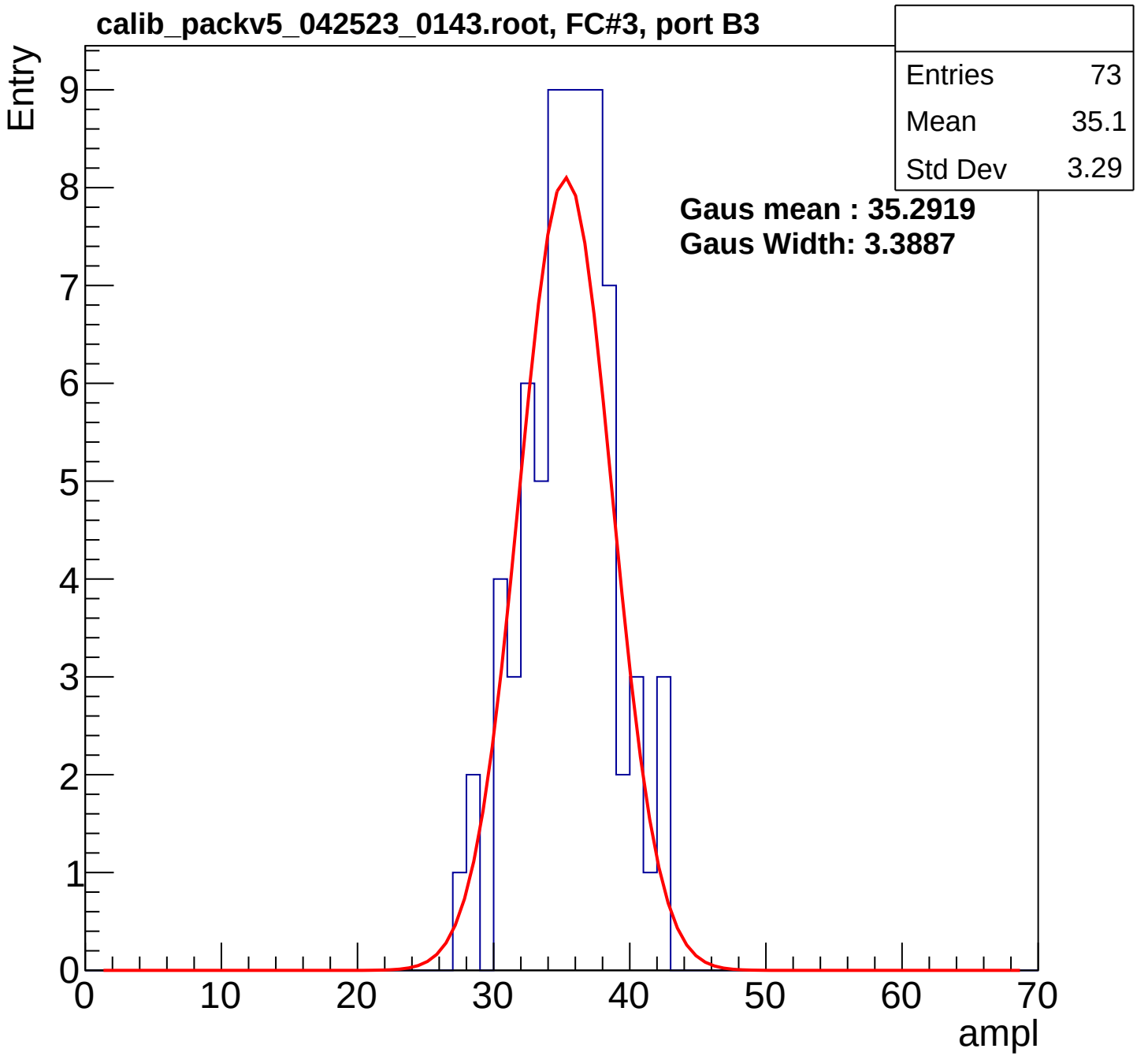
40
50
60
70


B1L000S, U23-ch104, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 35.1
Std Dev 3.29
Gaus mean : 35.2919
Gaus Width: 3.3887
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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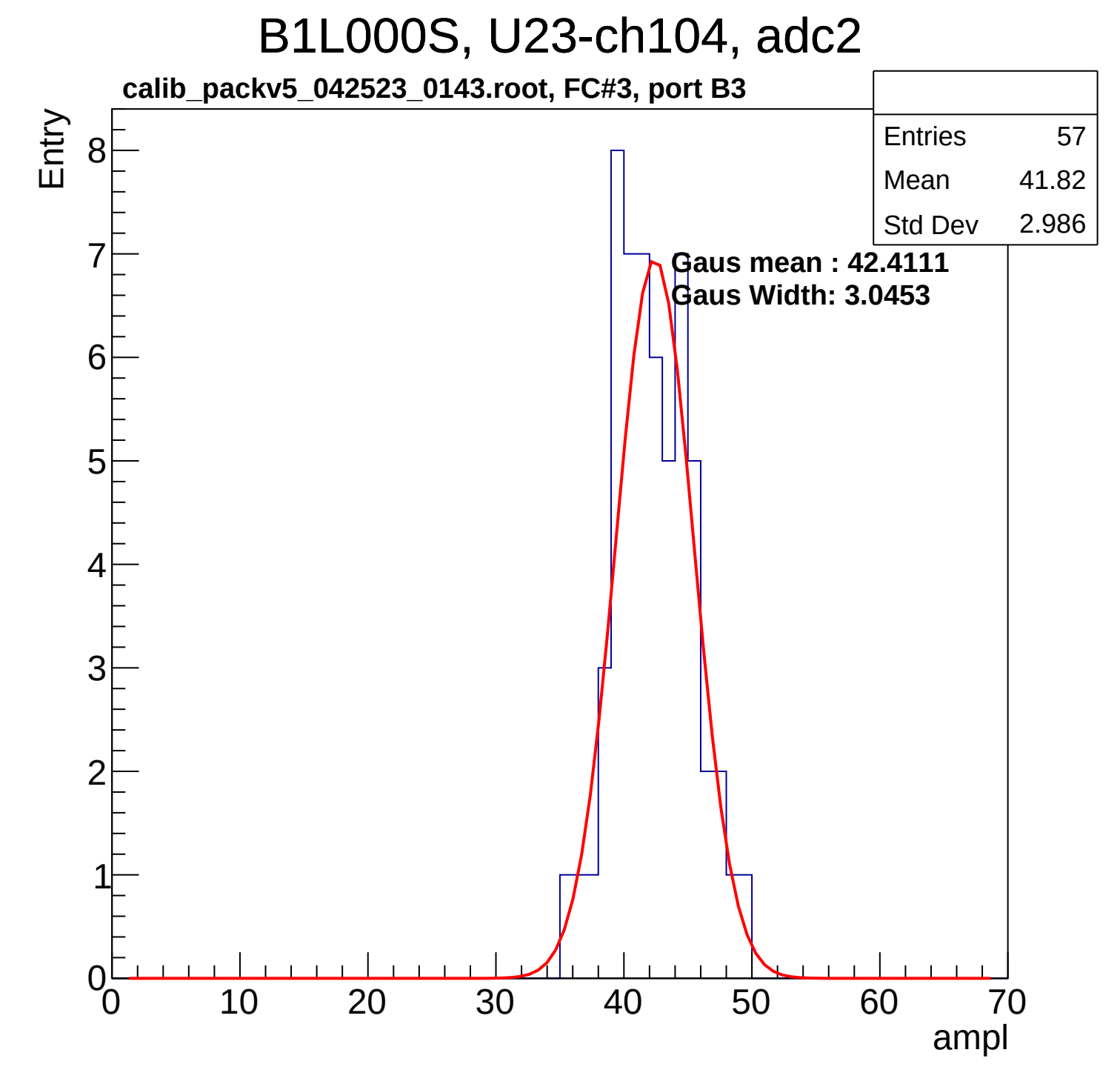
B1L000S, U23-ch104, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.82
Std Dev 2.986
Gaus mean : 42.4111
Gaus Width: 3.0453
Entry
ampl
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3
4
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6
7
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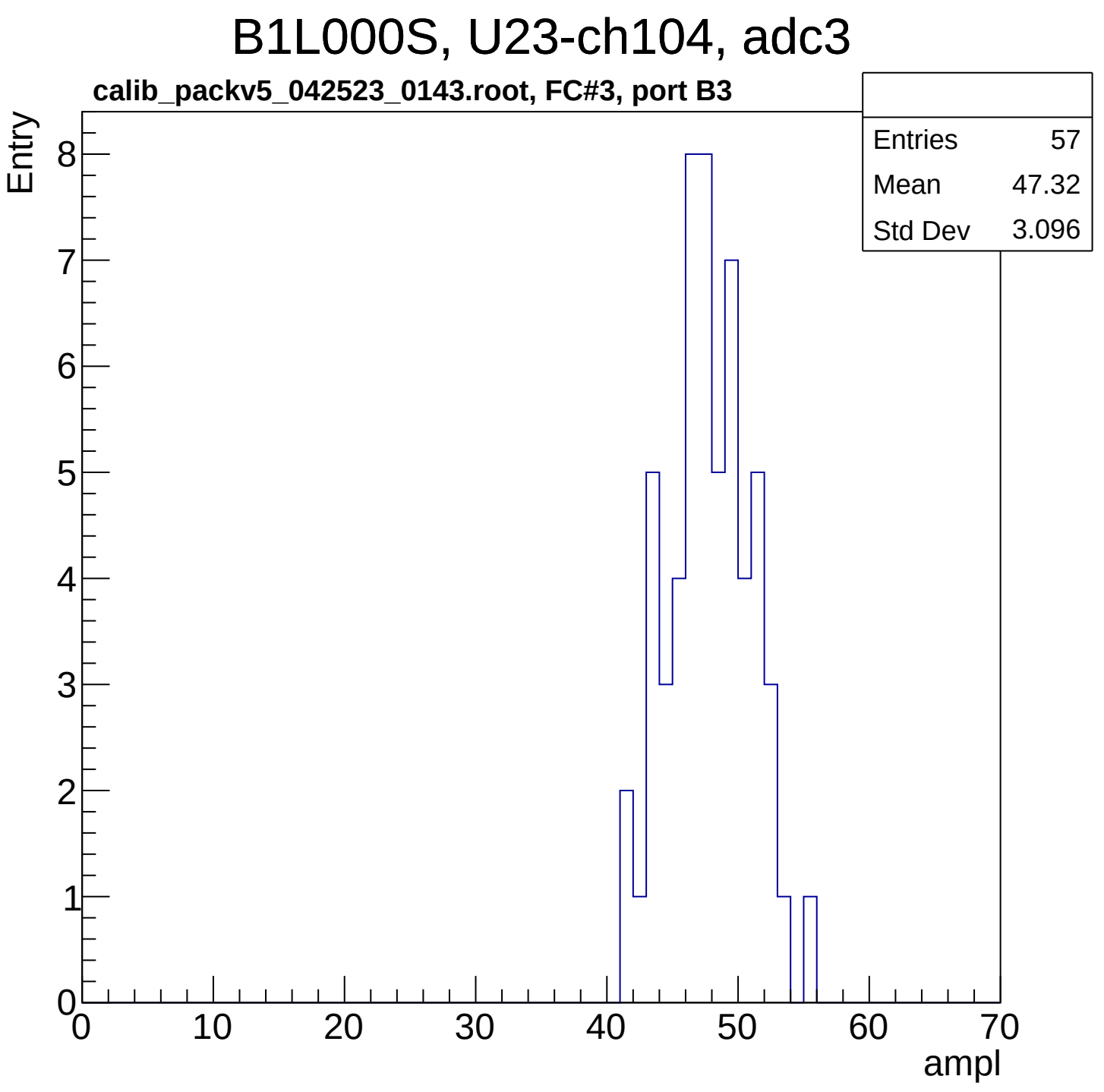
B1L000S, U23-ch104, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.32
Std Dev 3.096
Entry
ampl
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4
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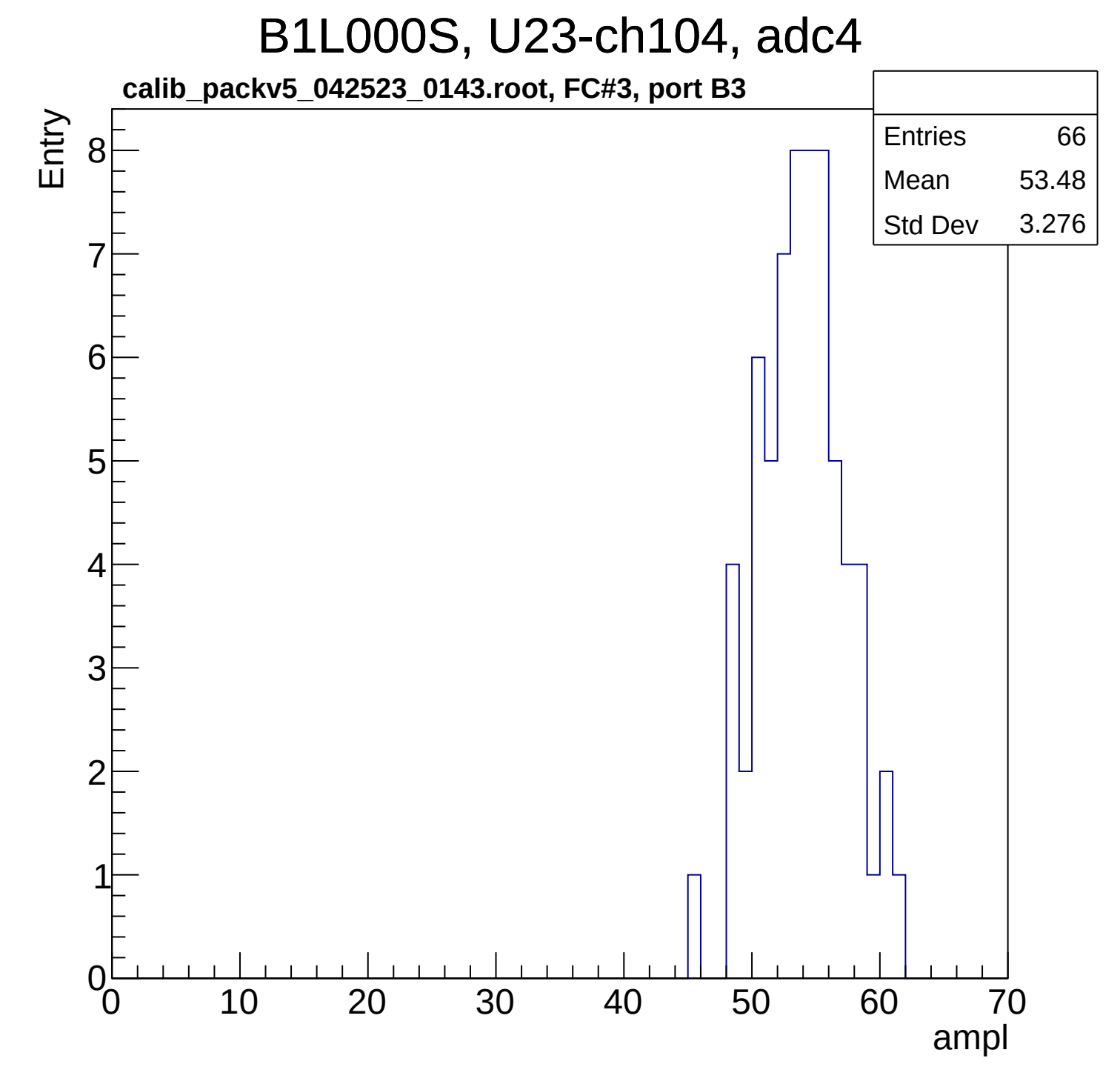
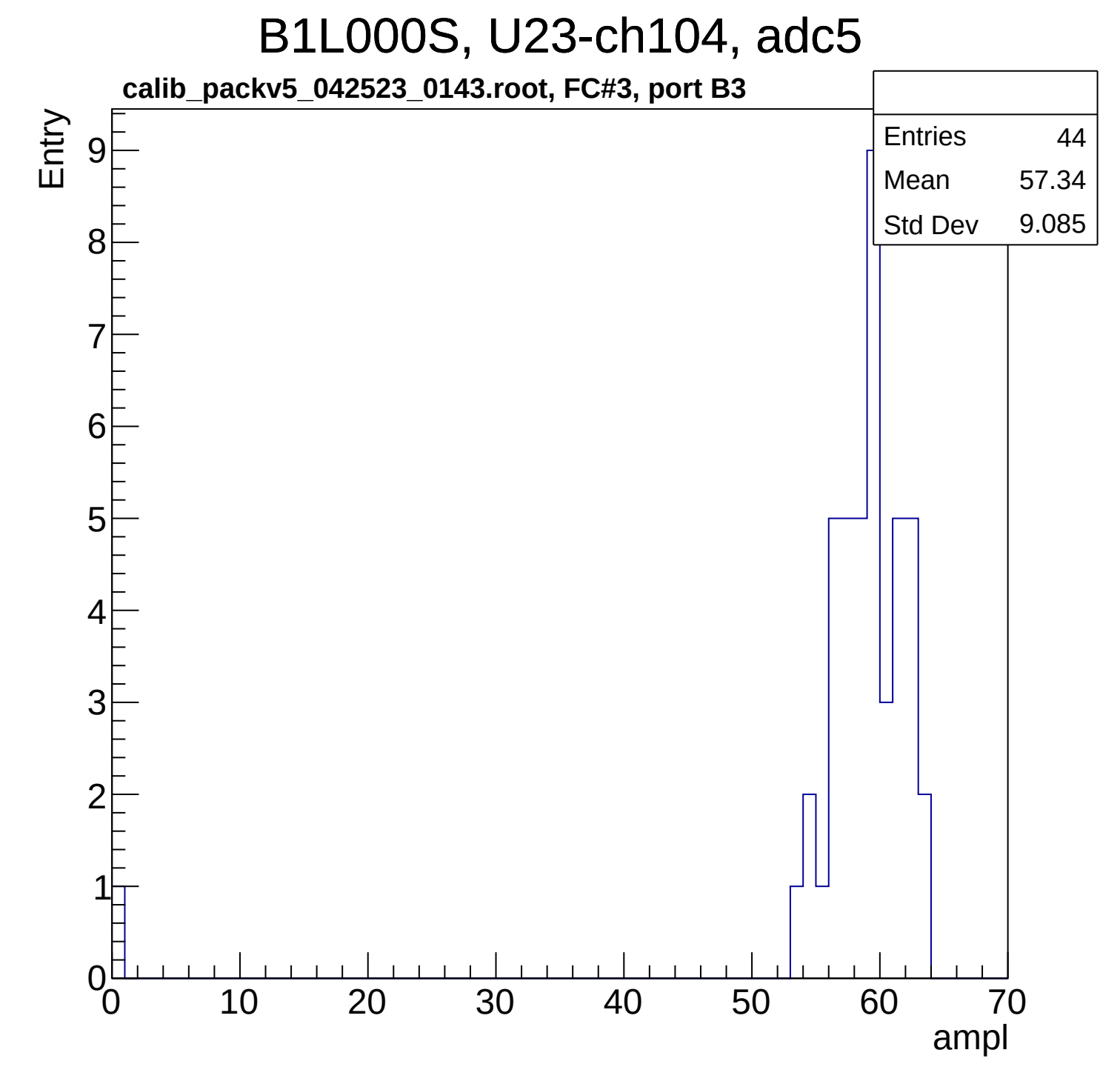

B1L000S, U23-ch104, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 53.48
Std Dev 3.276
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch104, 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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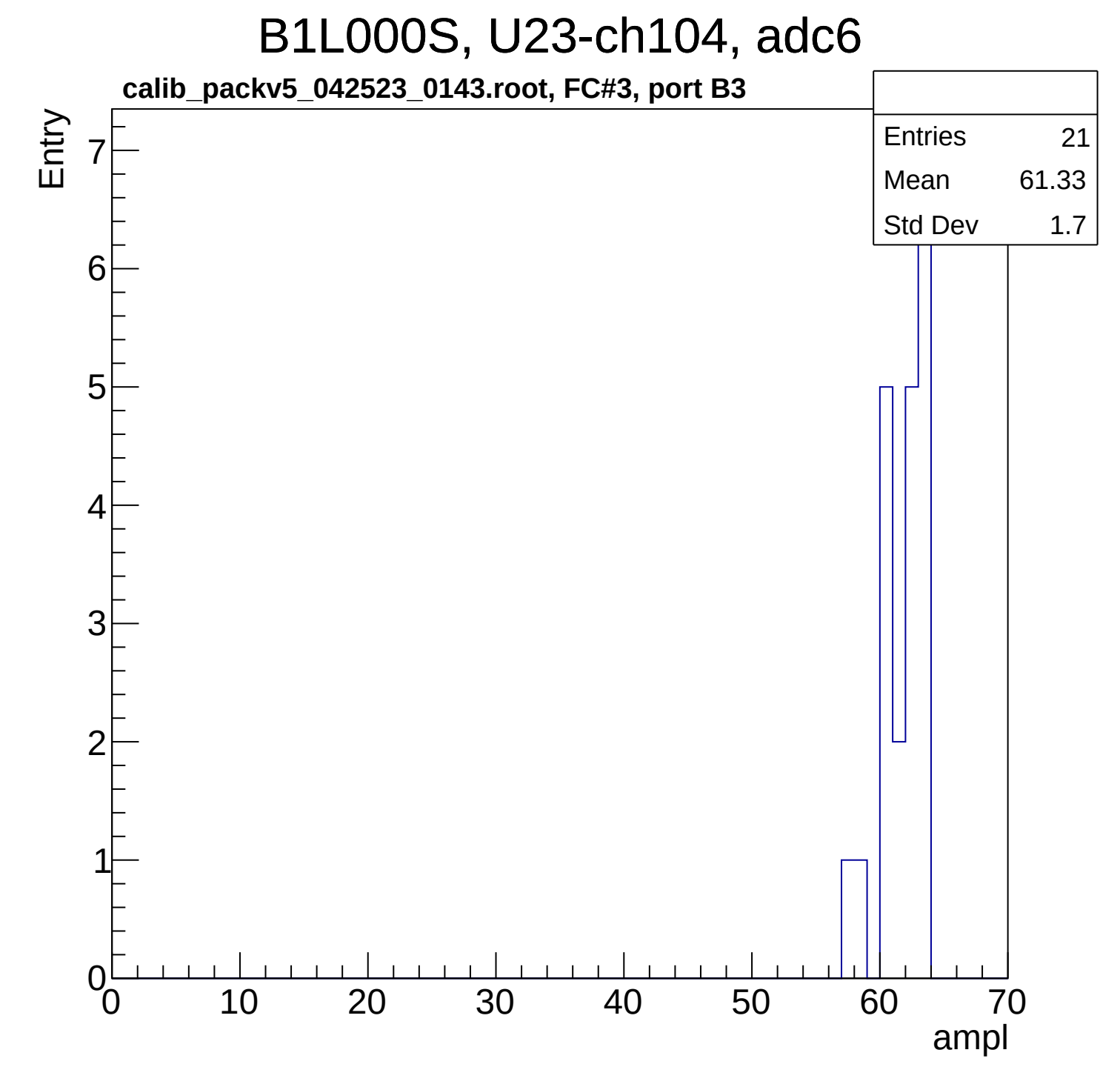
B1L000S, U23-ch104, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 61.33
Std Dev 1.7
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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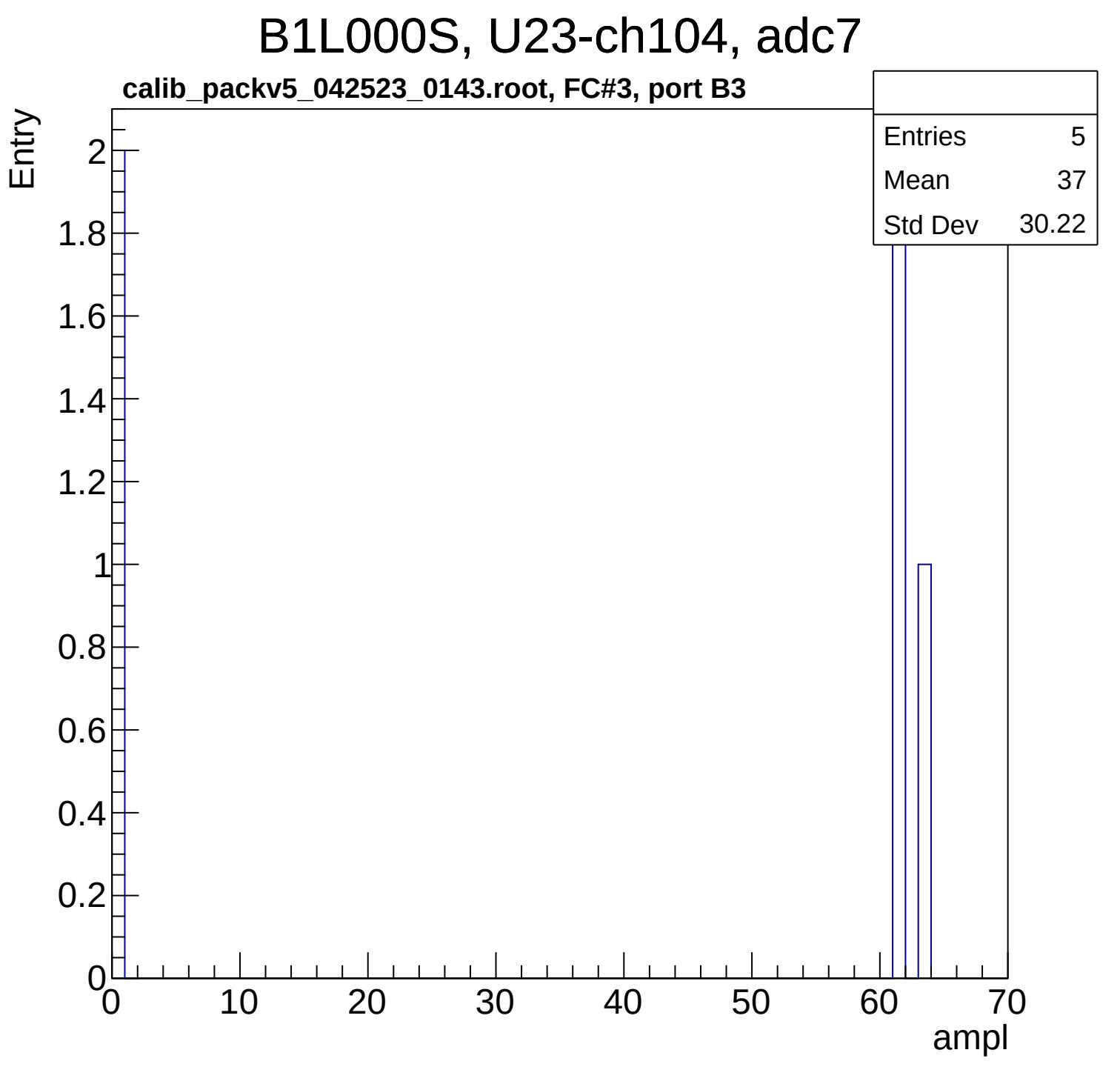
B1L000S, U23-ch104, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 37
Std Dev 30.22
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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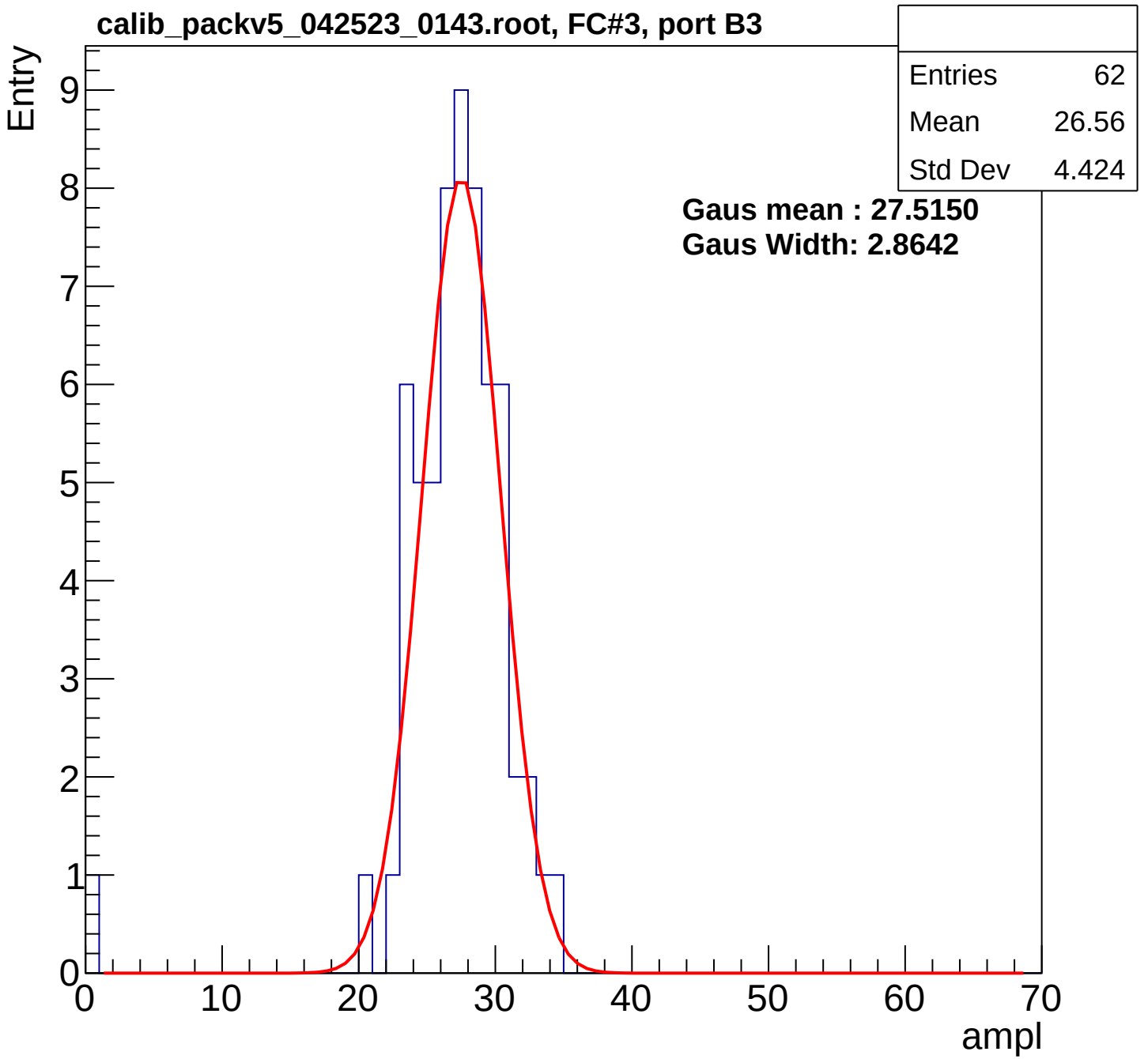
B1L000S, U23-ch105, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 26.56
Std Dev 4.424
Gaus mean : 27.5150
Gaus Width: 2.8642
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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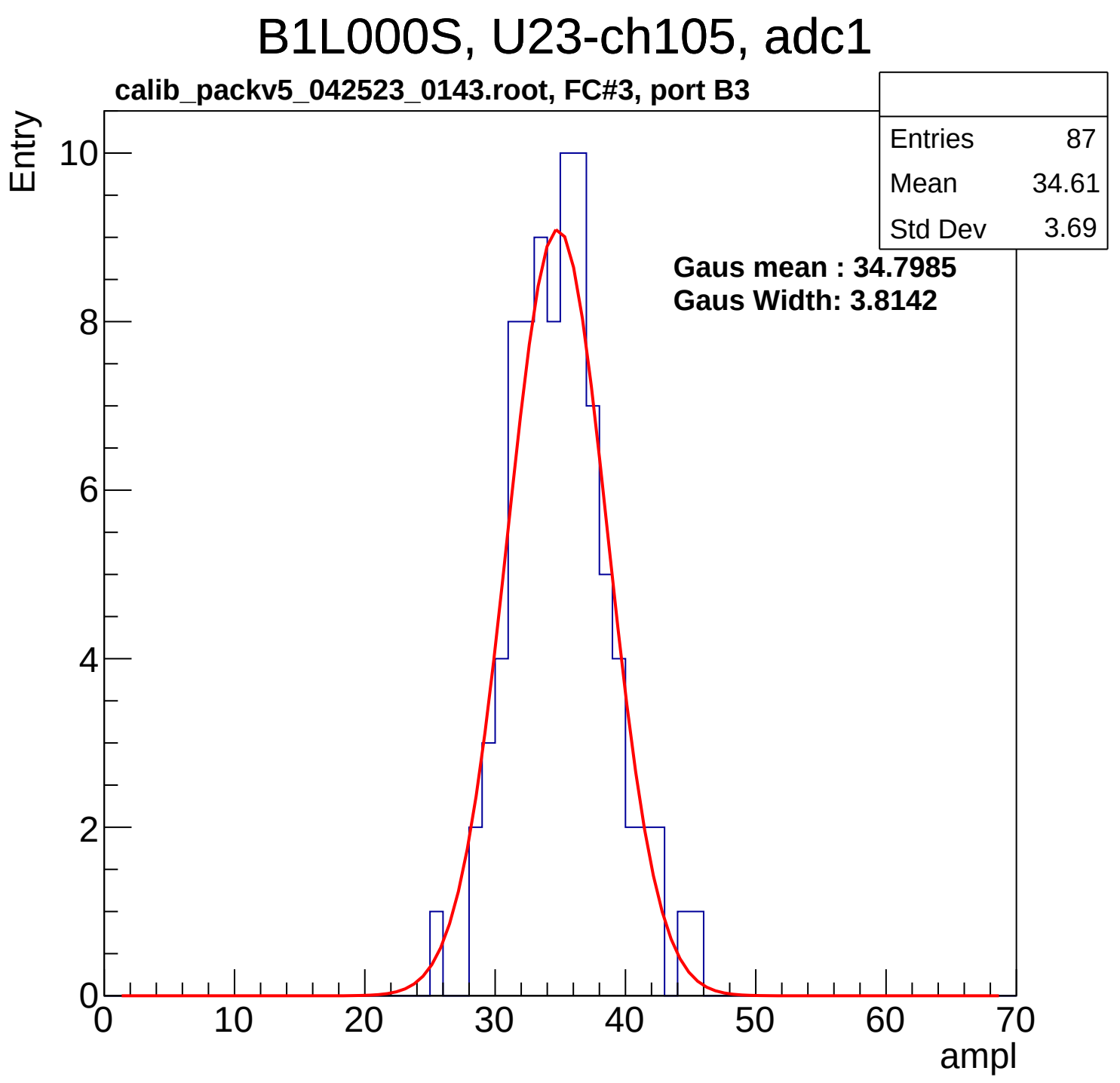
B1L000S, U23-ch105, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 87
Mean 34.61
Std Dev 3.69
Gaus mean : 34.7985
Gaus Width: 3.8142
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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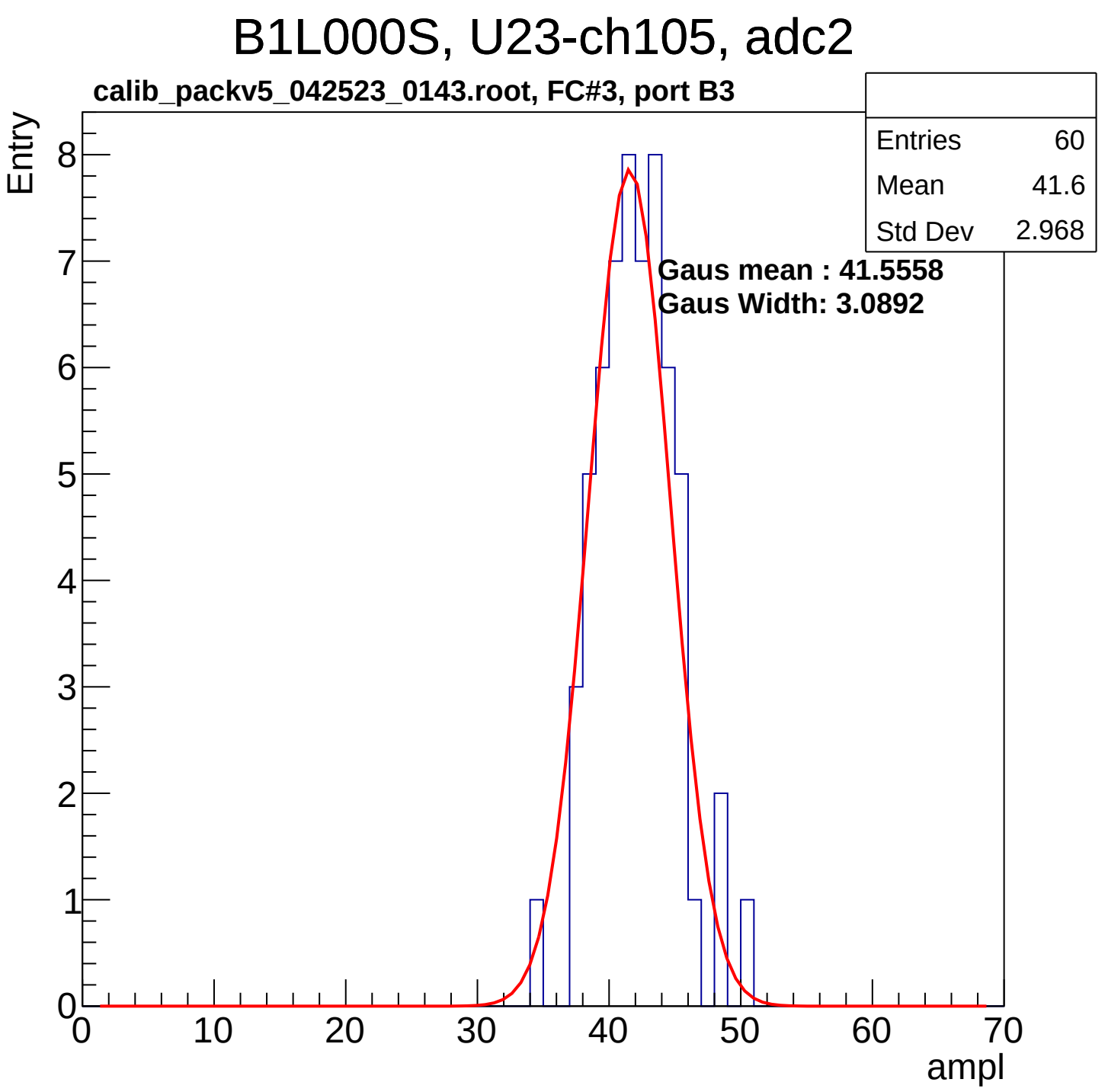
B1L000S, U23-ch105, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.6
Std Dev 2.968
Gaus mean : 41.5558
Gaus Width: 3.0892
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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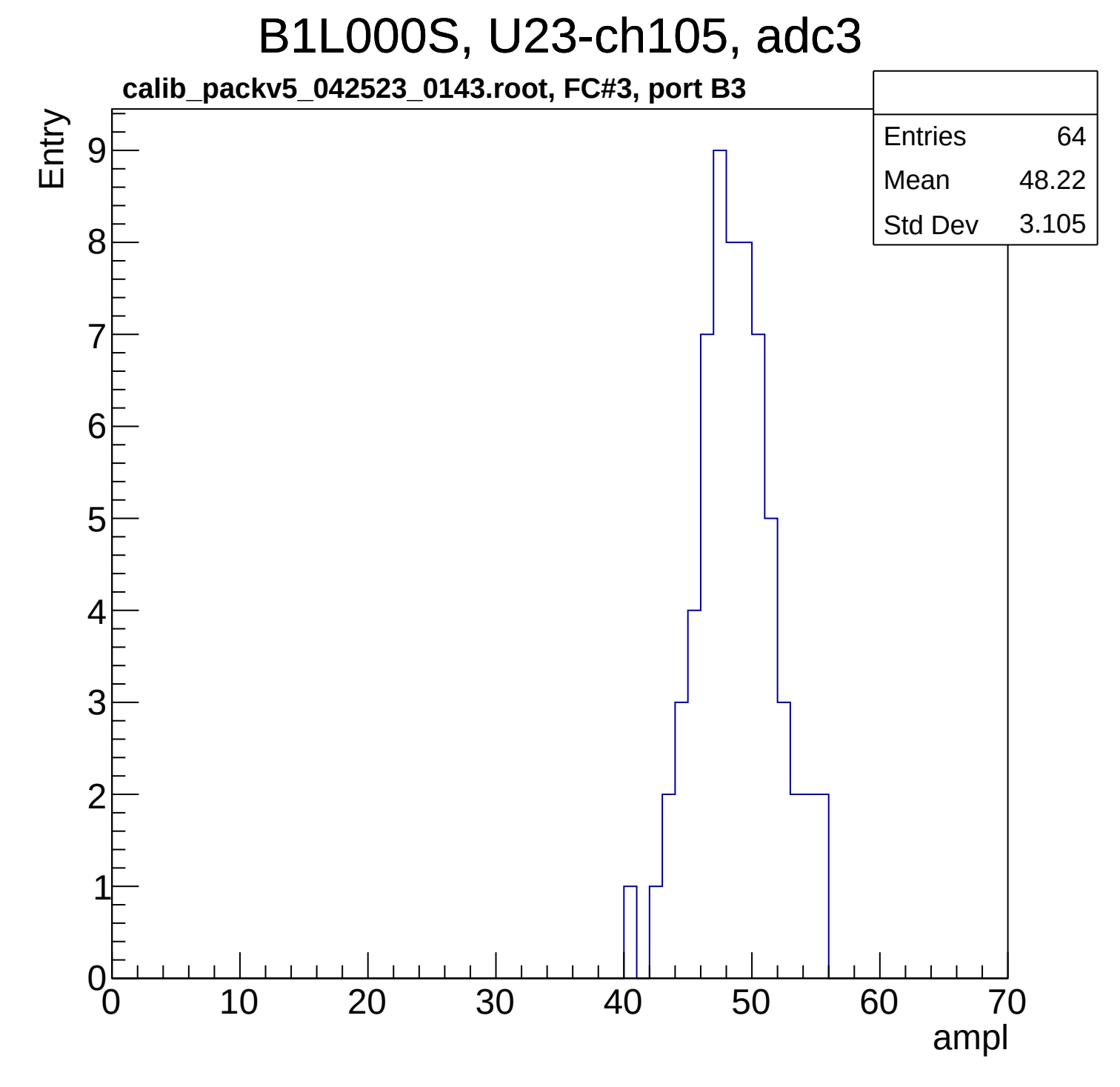
B1L000S, U23-ch105, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.22
Std Dev 3.105
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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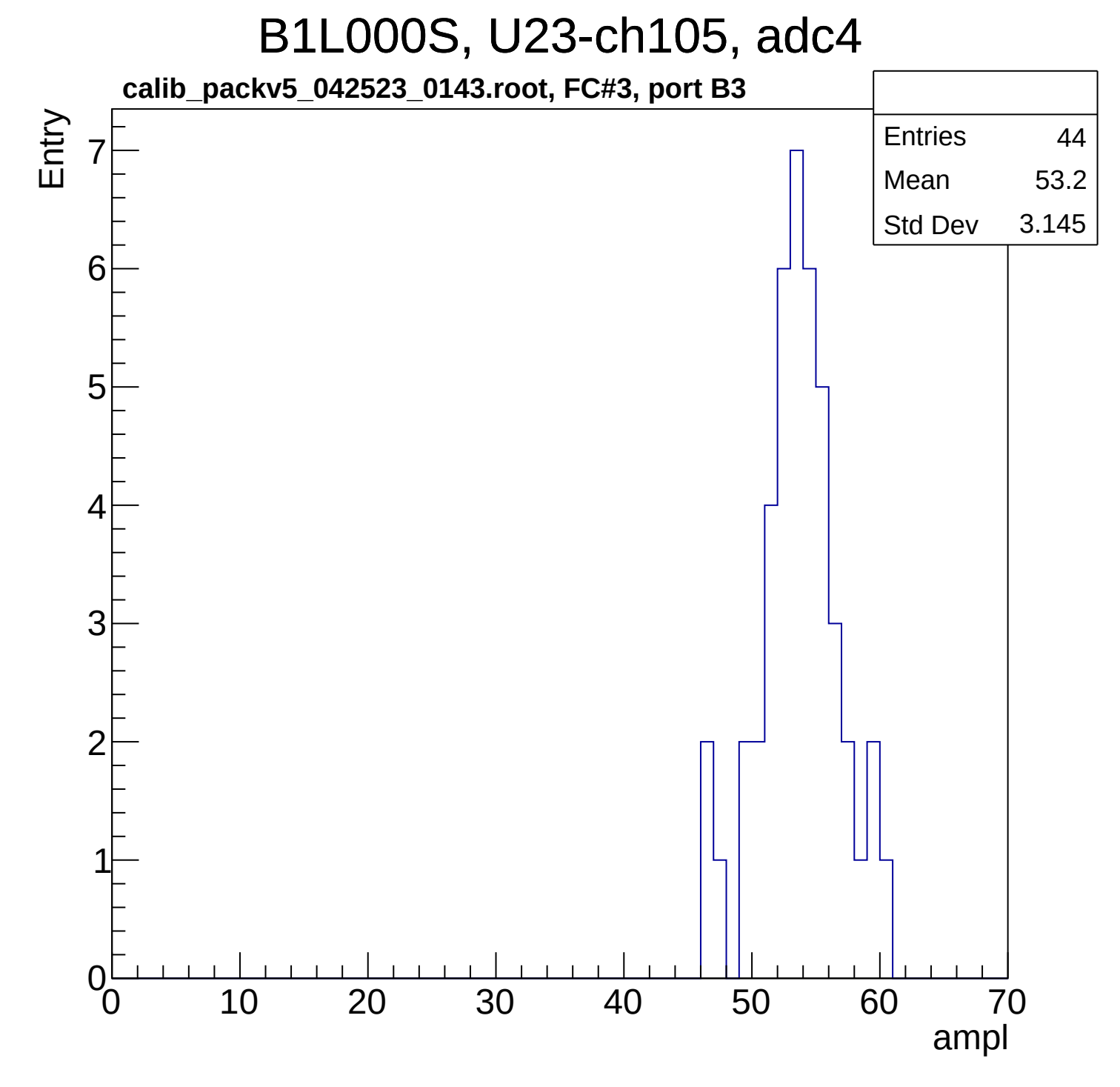
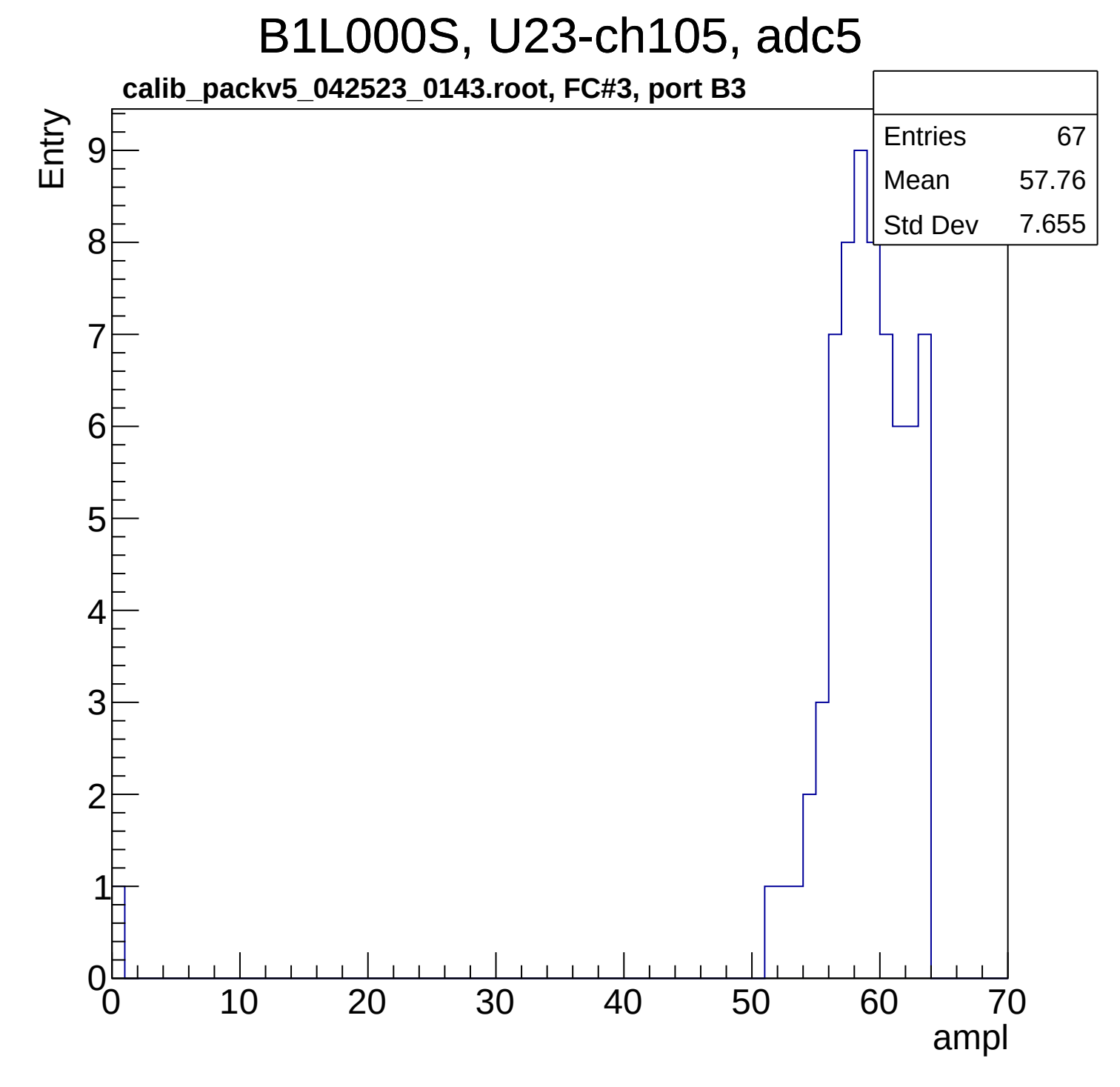

B1L000S, U23-ch105, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 53.2
Std Dev 3.145
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch105, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 57.76
Std Dev 7.655
Entry
ampl
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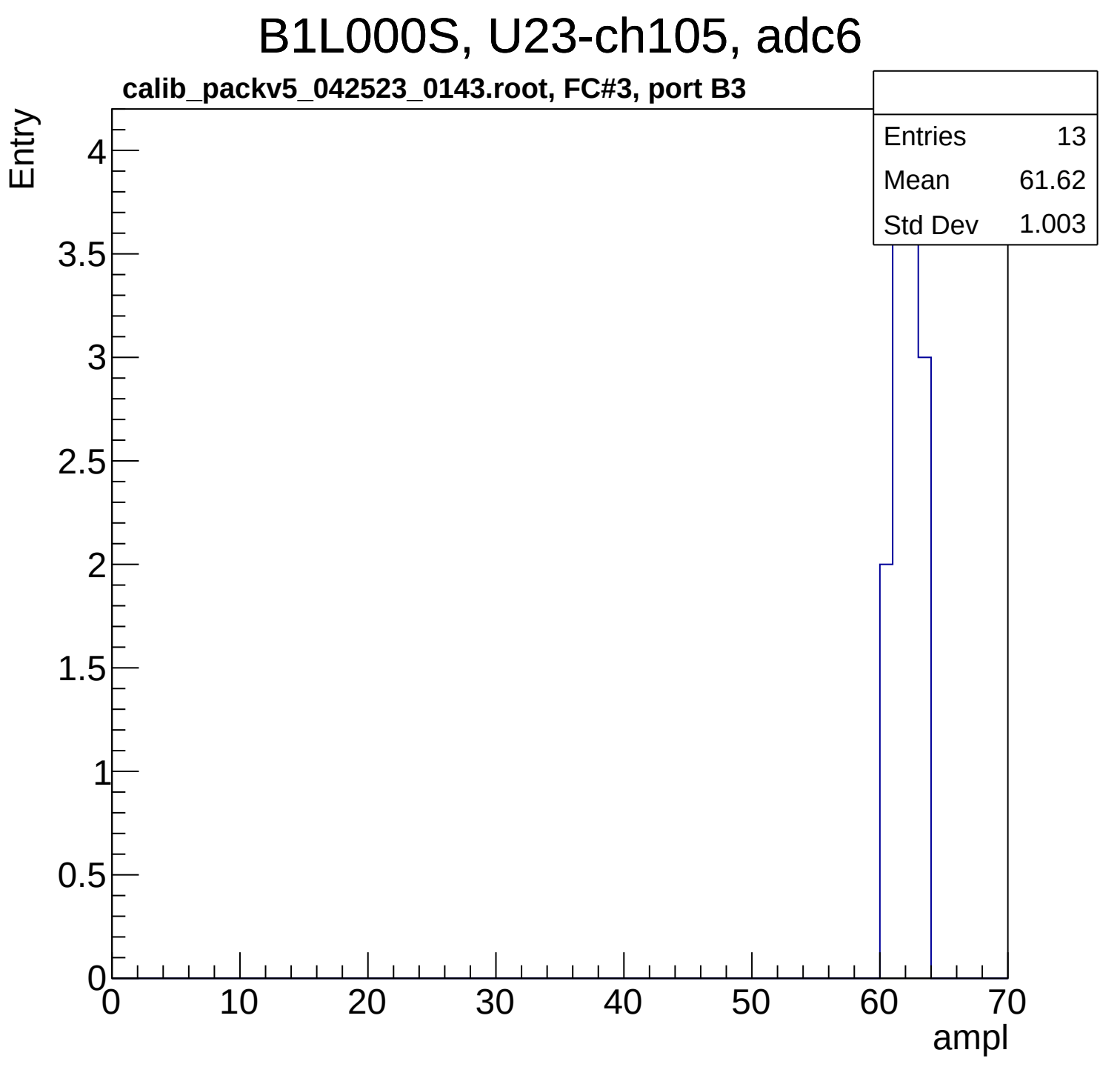
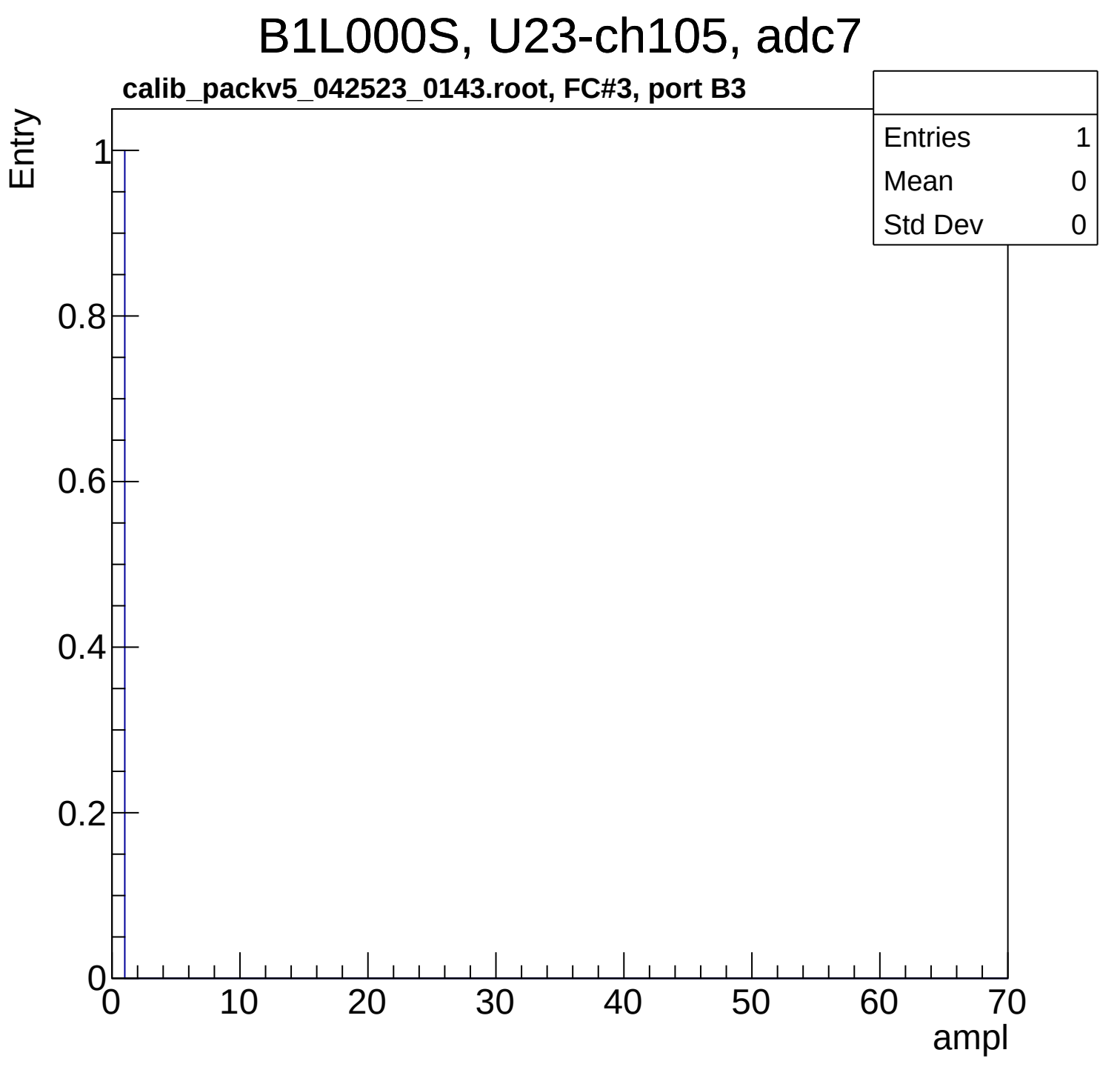
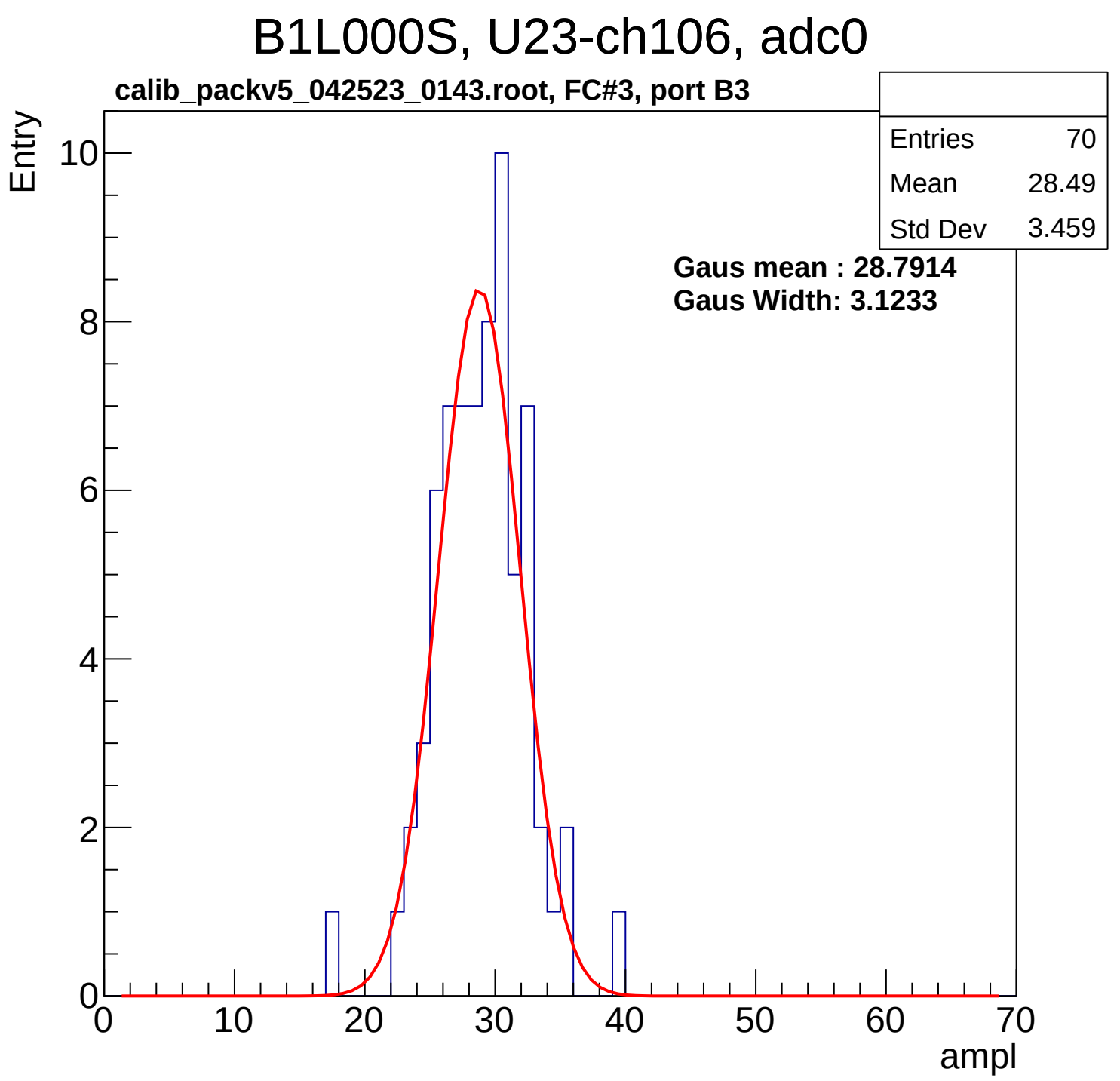
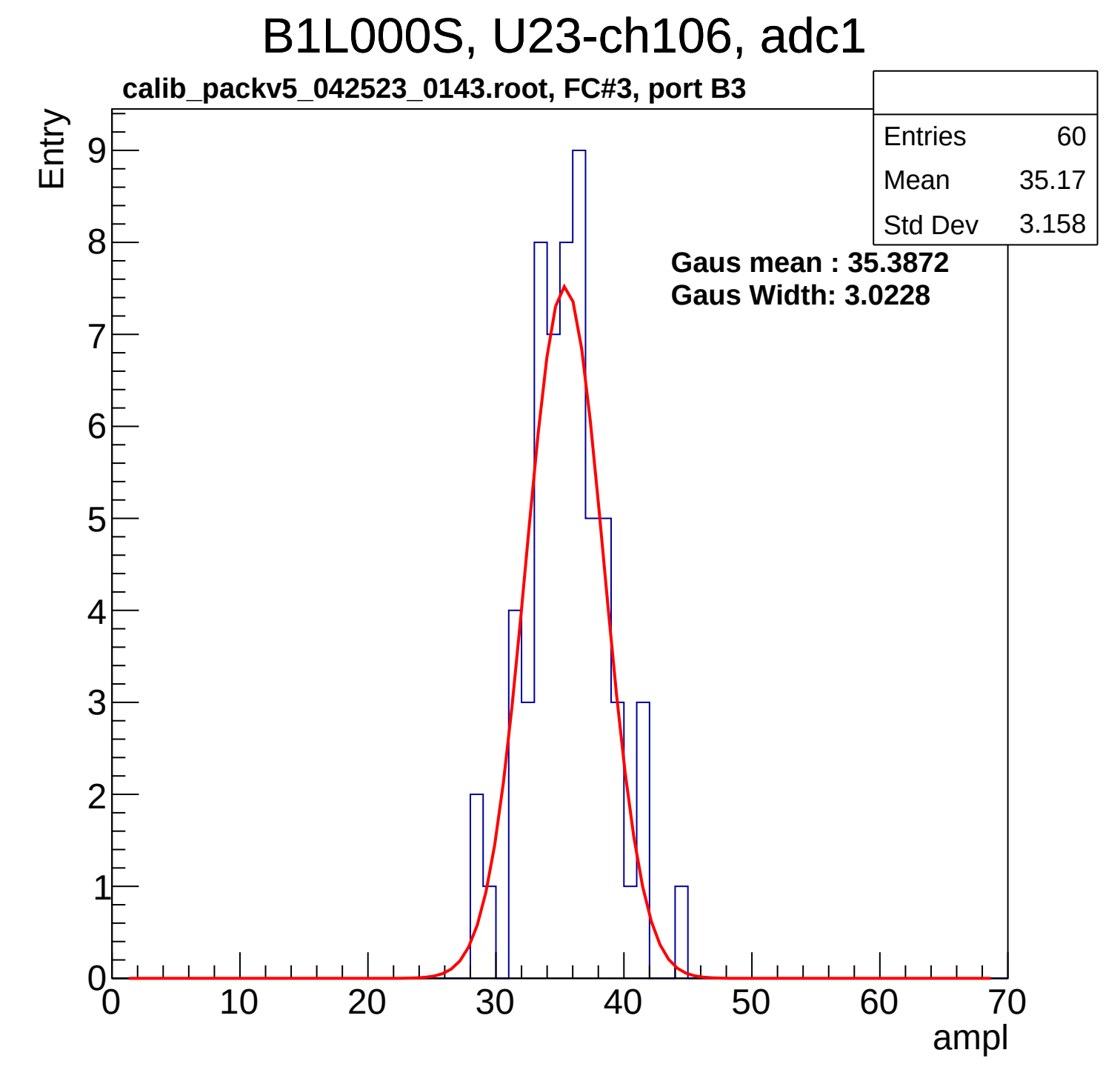
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch105, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.62
Std Dev 1.003
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-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, U23-ch106, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.49
Std Dev 3.459
Gaus mean : 28.7914
Gaus Width: 3.1233
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch106, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 35.17
Std Dev 3.158
Gaus mean : 35.3872
Gaus Width: 3.0228
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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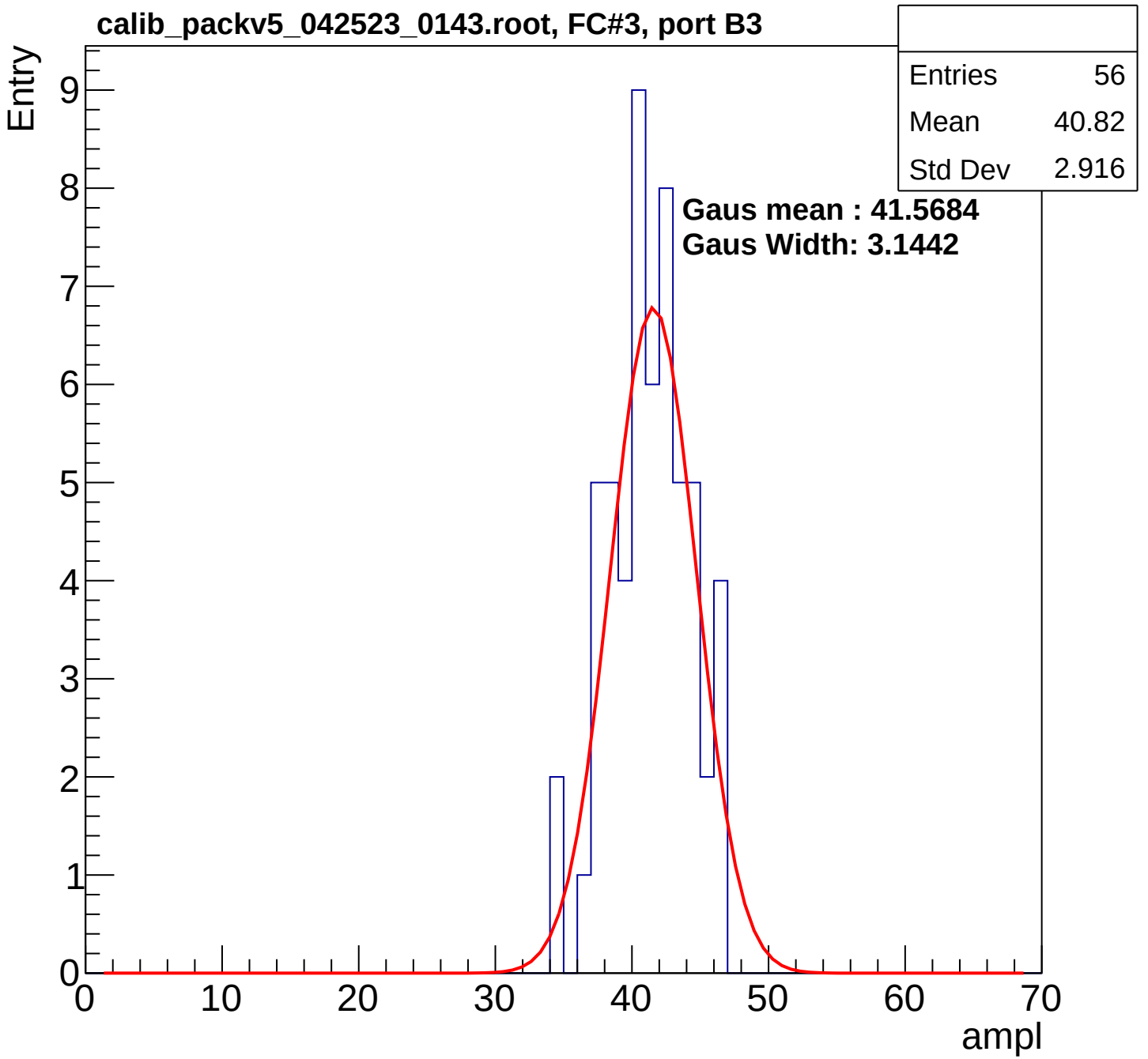
B1L000S, U23-ch106, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 40.82
Std Dev 2.916
Gaus mean : 41.5684
Gaus Width: 3.1442
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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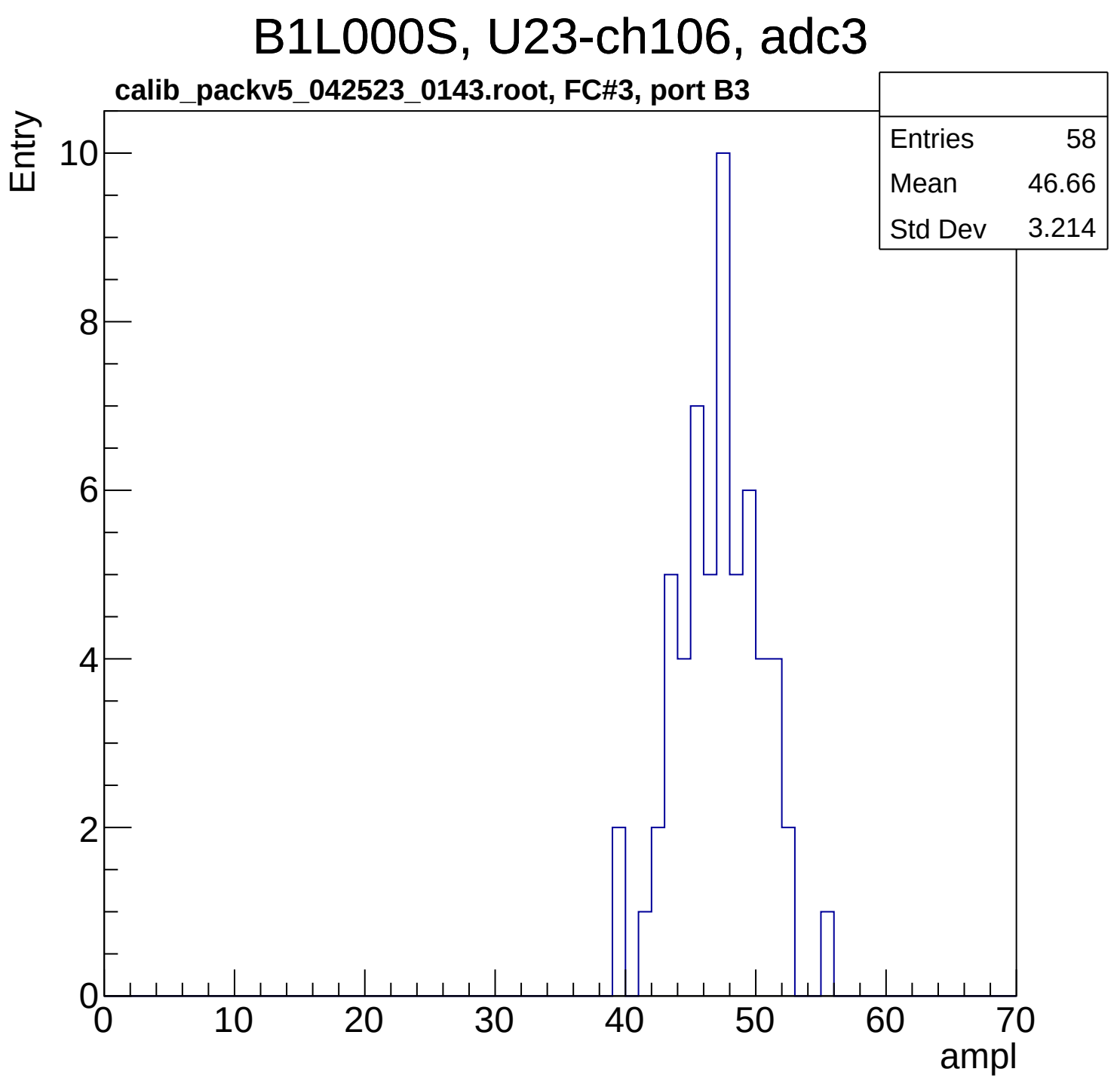
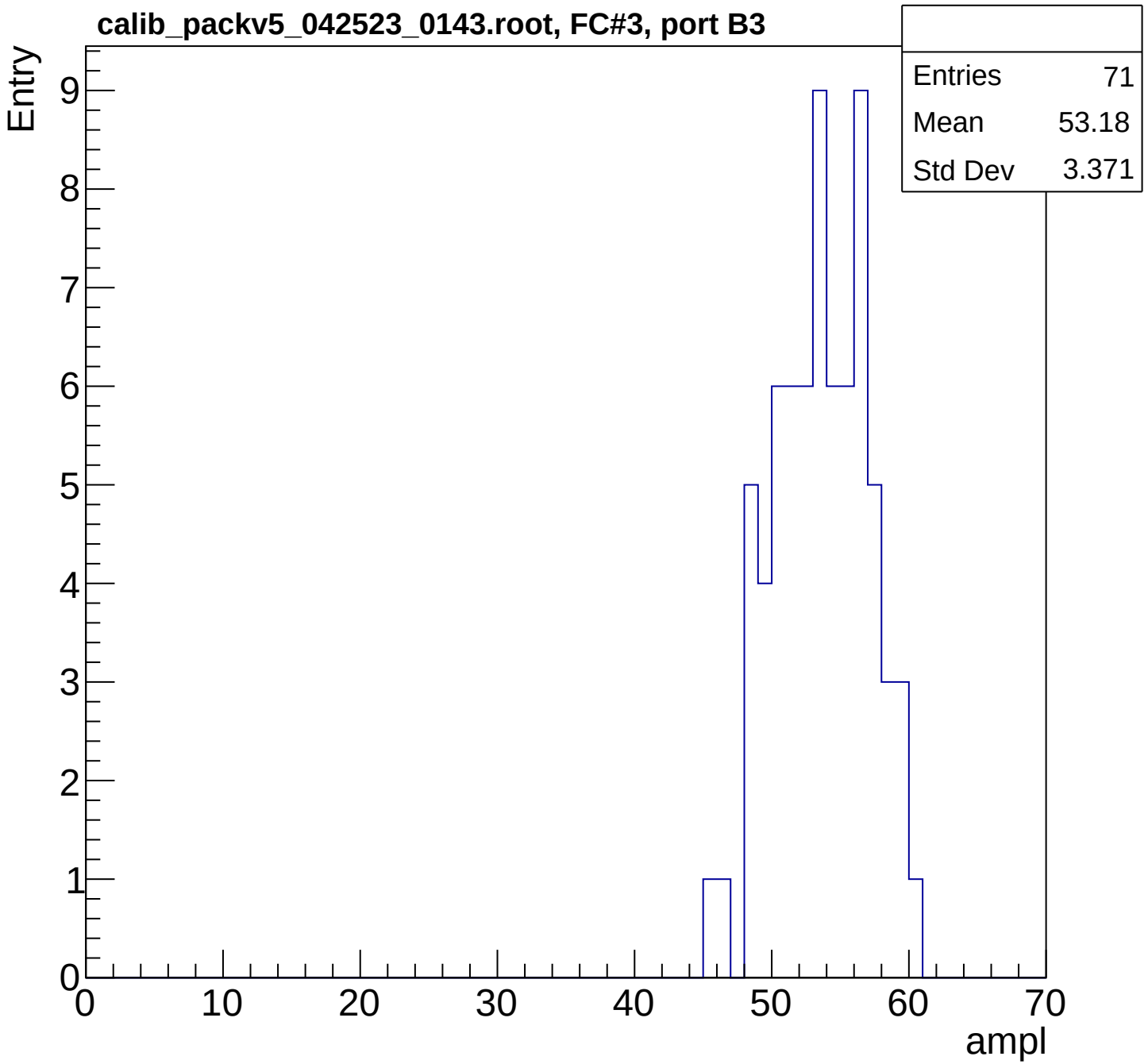

B1L000S, U23-ch106, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 46.66
Std Dev 3.214
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch106, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 53.18
Std Dev 3.371
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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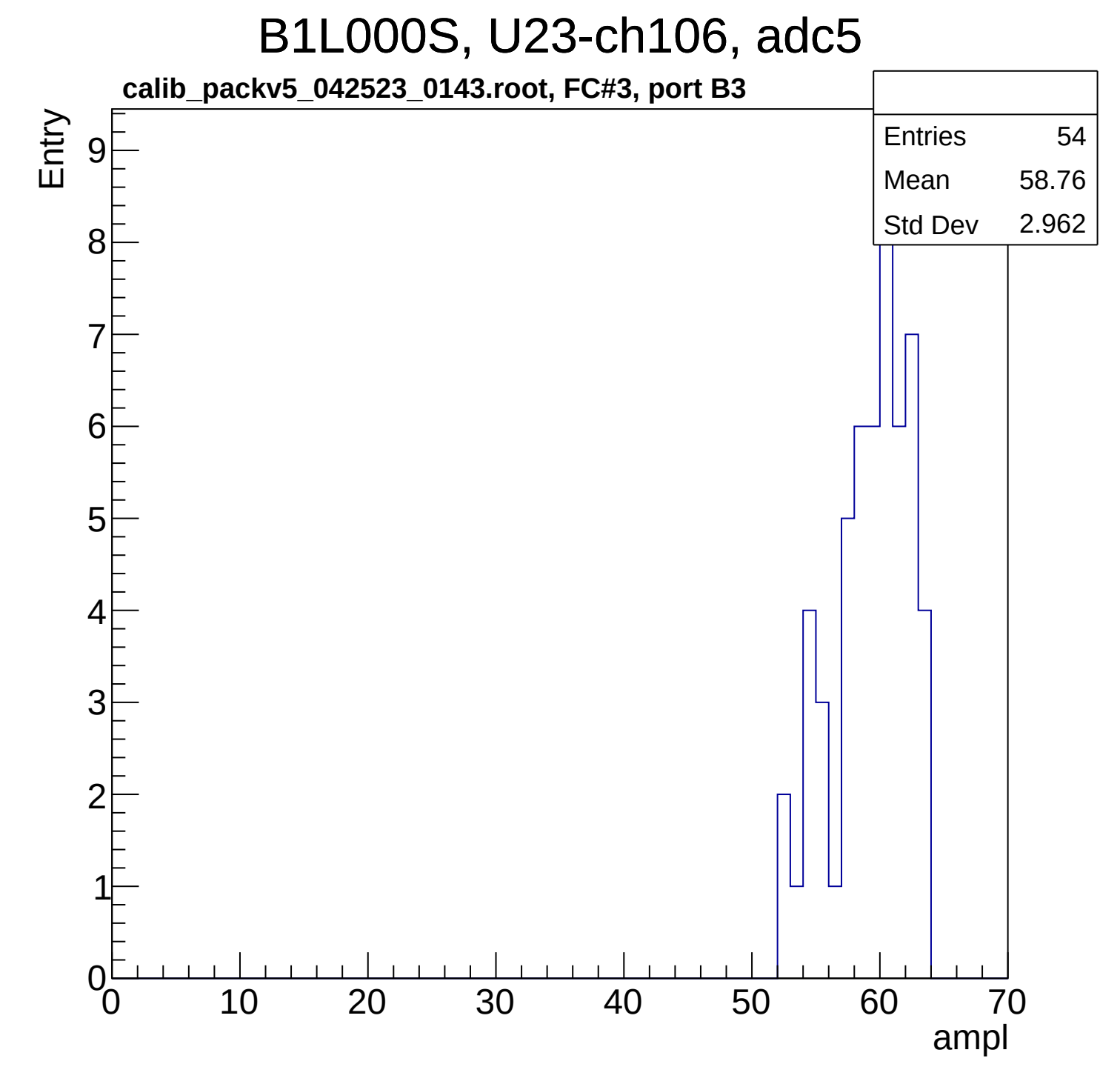
B1L000S, U23-ch106, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.76
Std Dev 2.962
Entry
ampl
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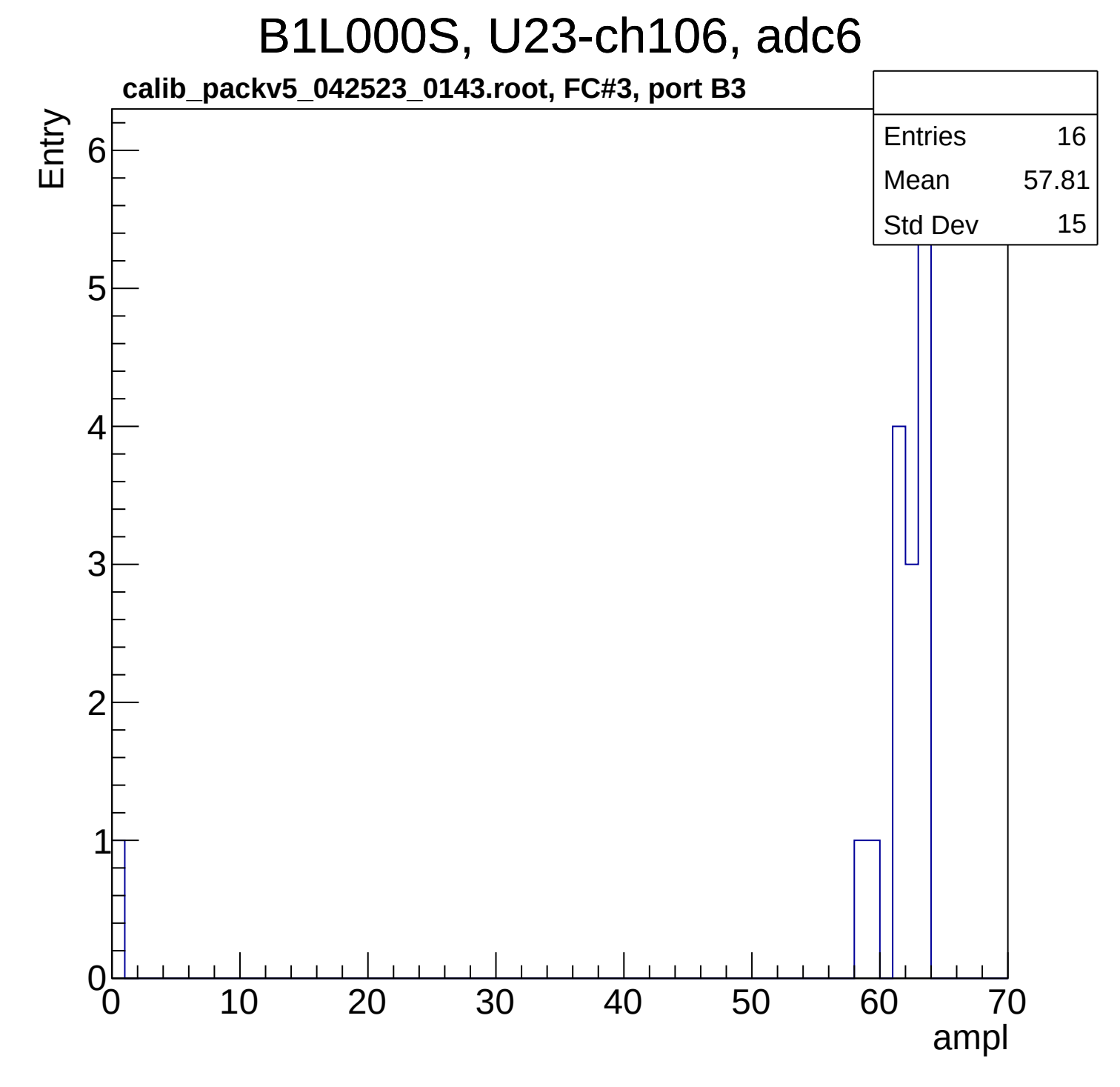
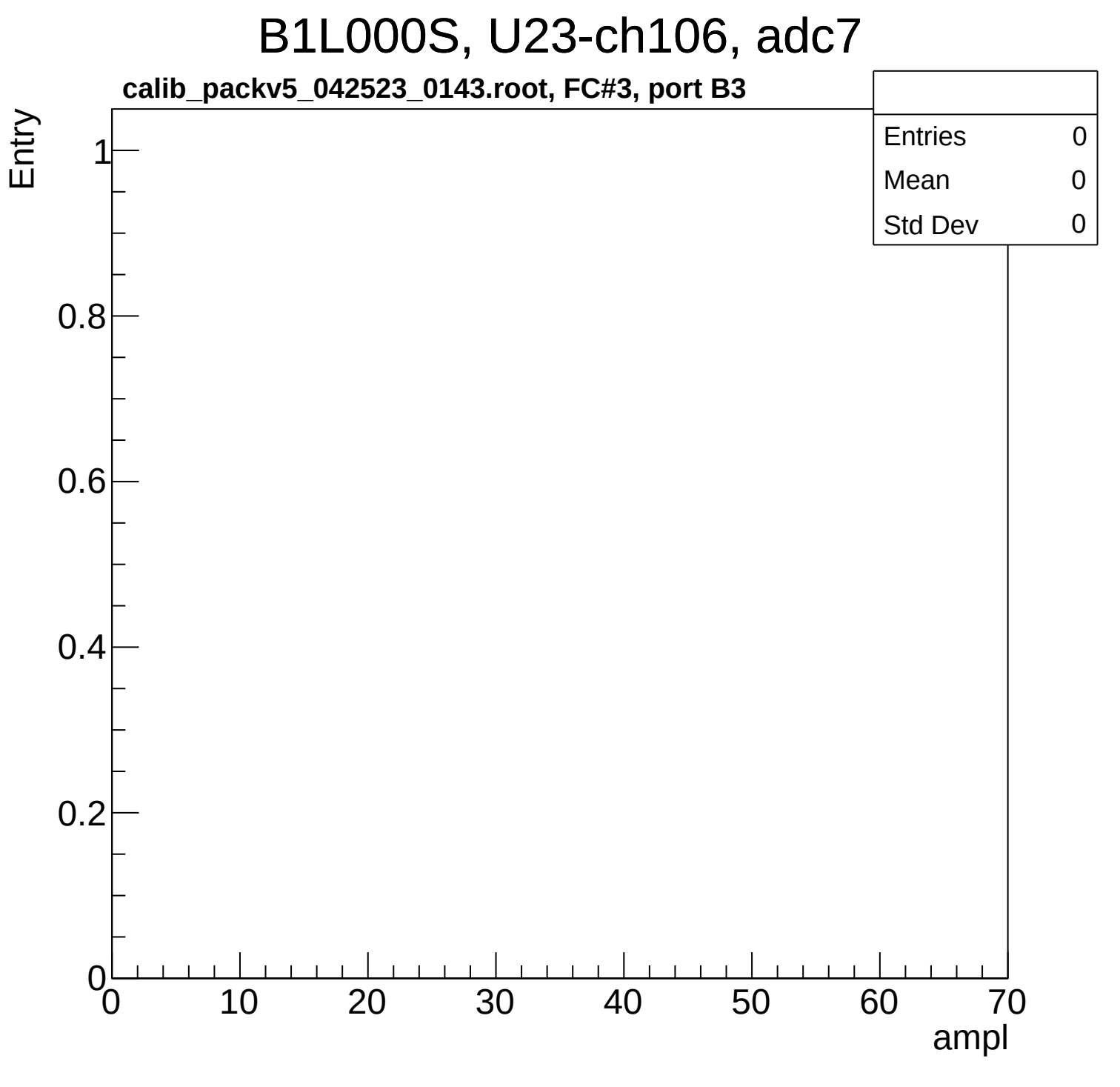
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch106, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.81
Std Dev 15
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch106, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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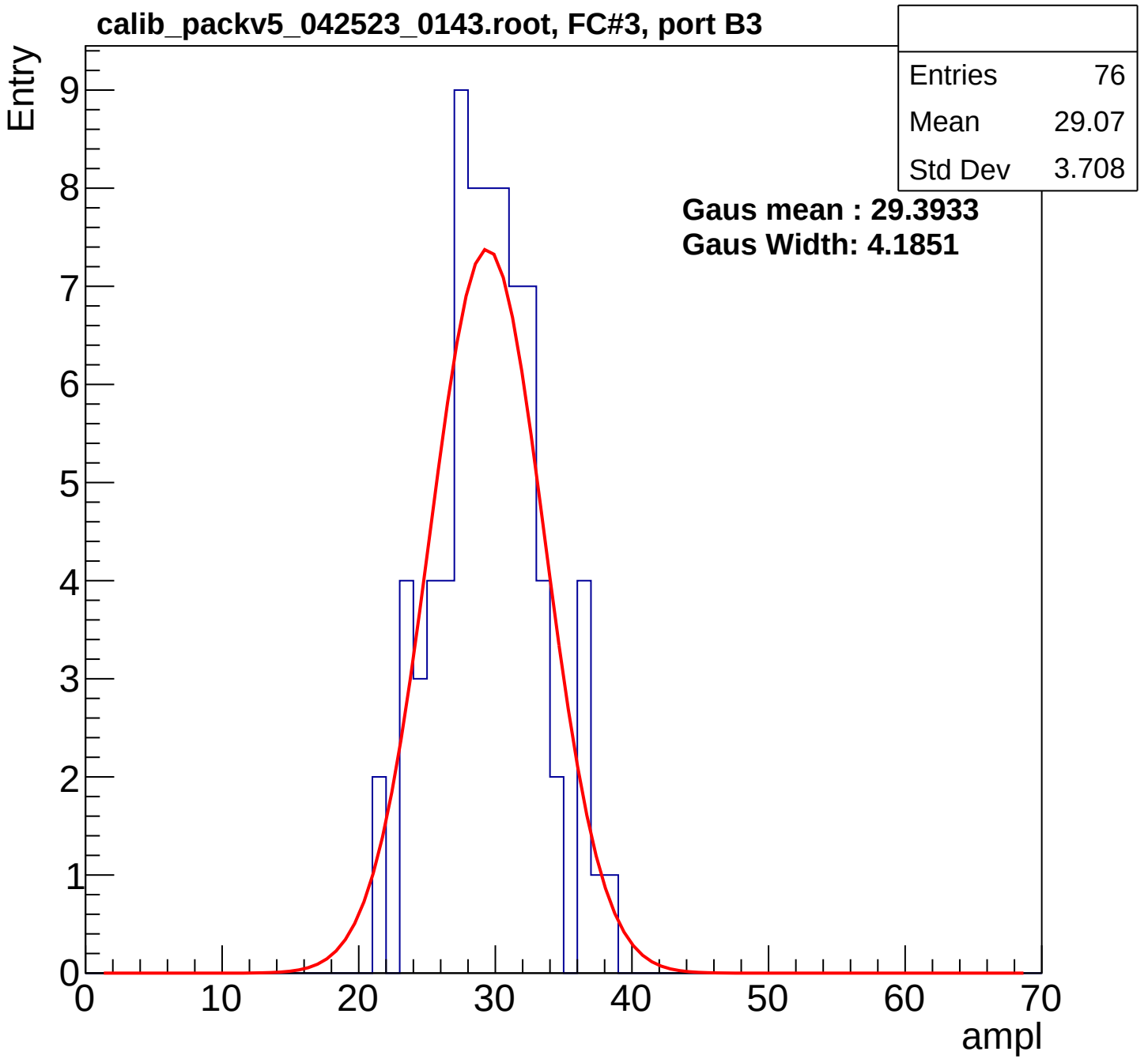
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch107, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 29.07
Std Dev 3.708
Gaus mean : 29.3933
Gaus Width: 4.1851
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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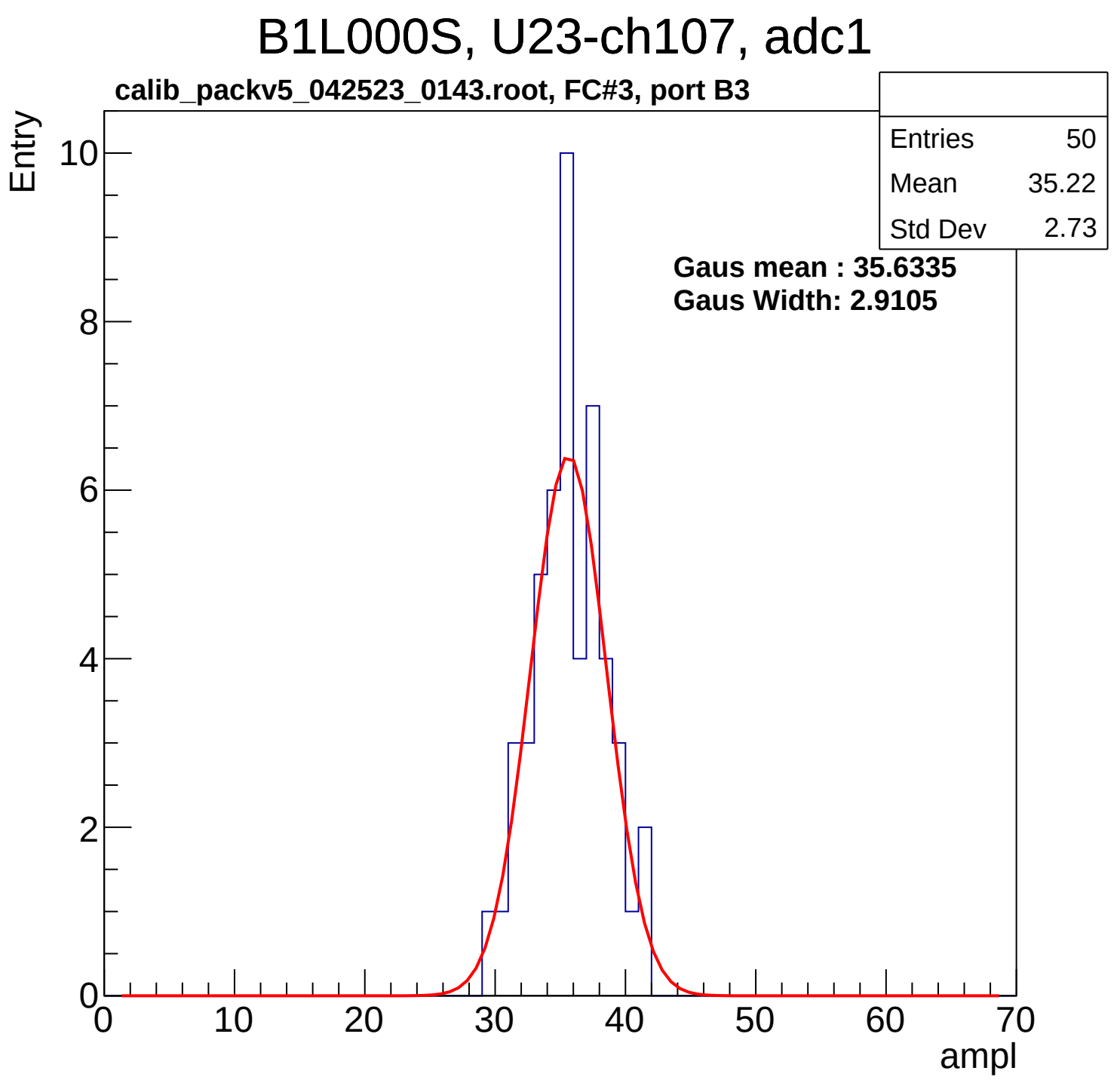
B1L000S, U23-ch107, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 35.22
Std Dev 2.73
Gaus mean : 35.6335
Gaus Width: 2.9105
Entry
ampl
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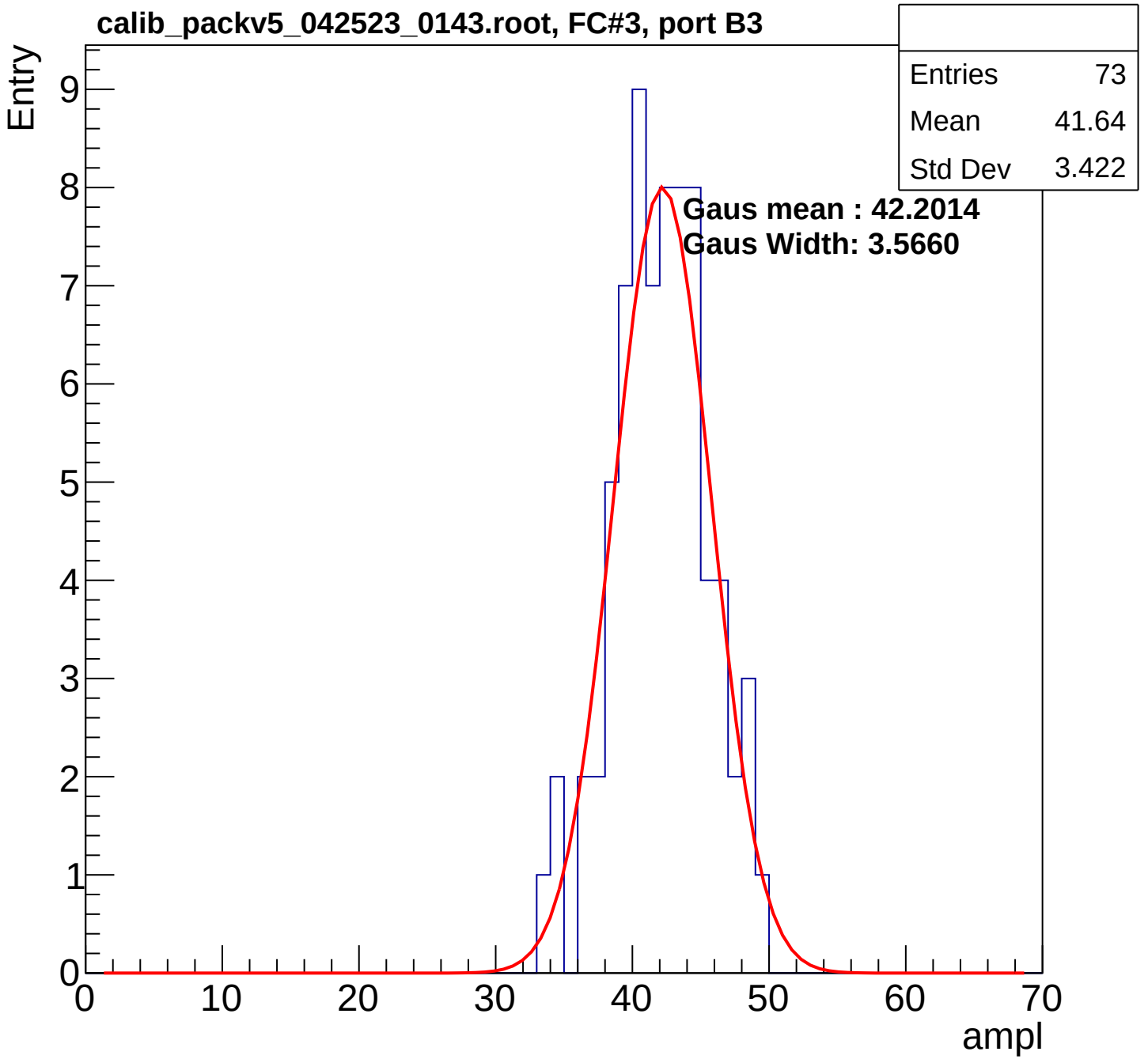
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch107, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 41.64
Std Dev 3.422
Gaus mean : 42.2014
Gaus Width: 3.5660
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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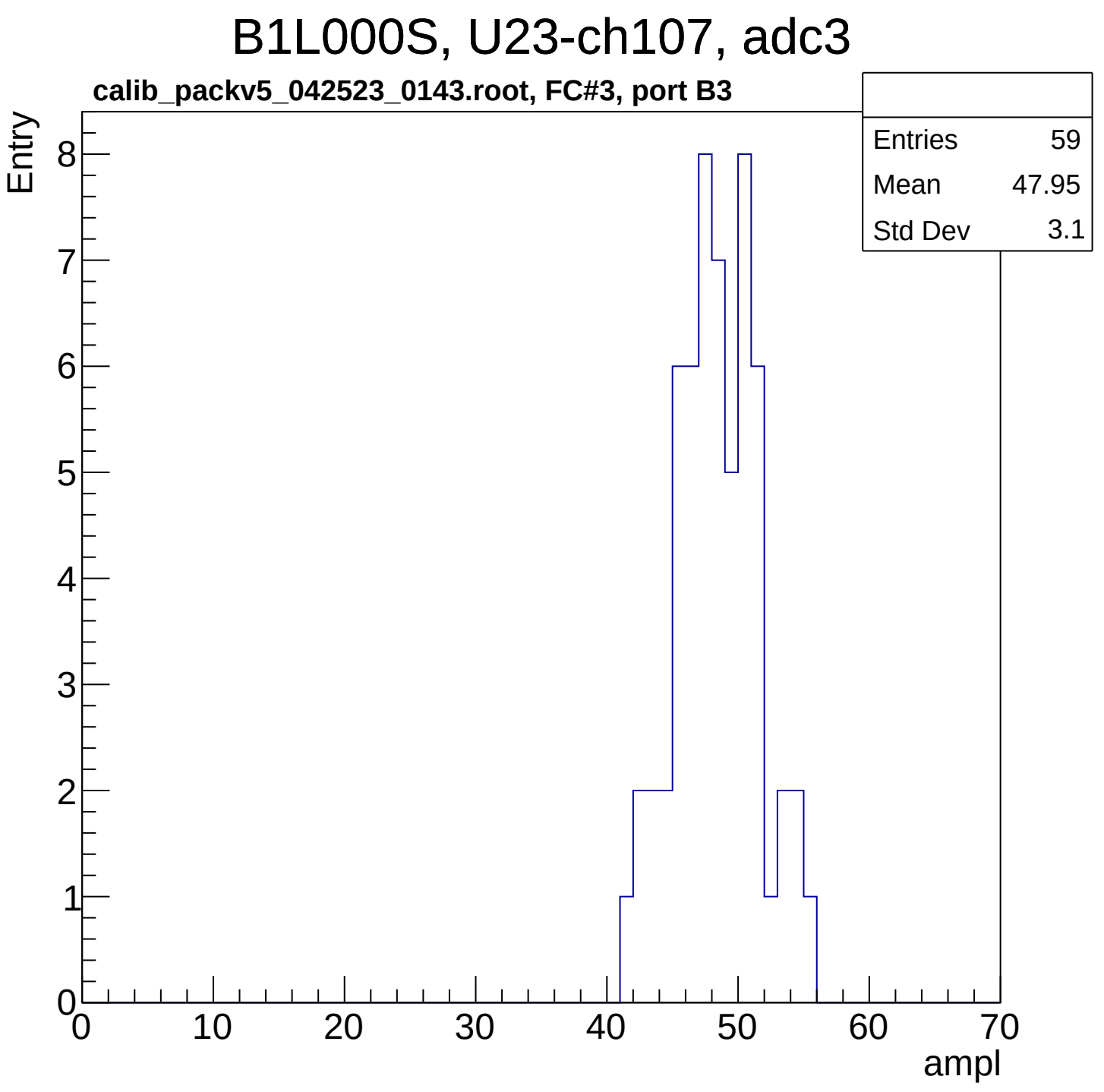
B1L000S, U23-ch107, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.95
Std Dev 3.1
Entry
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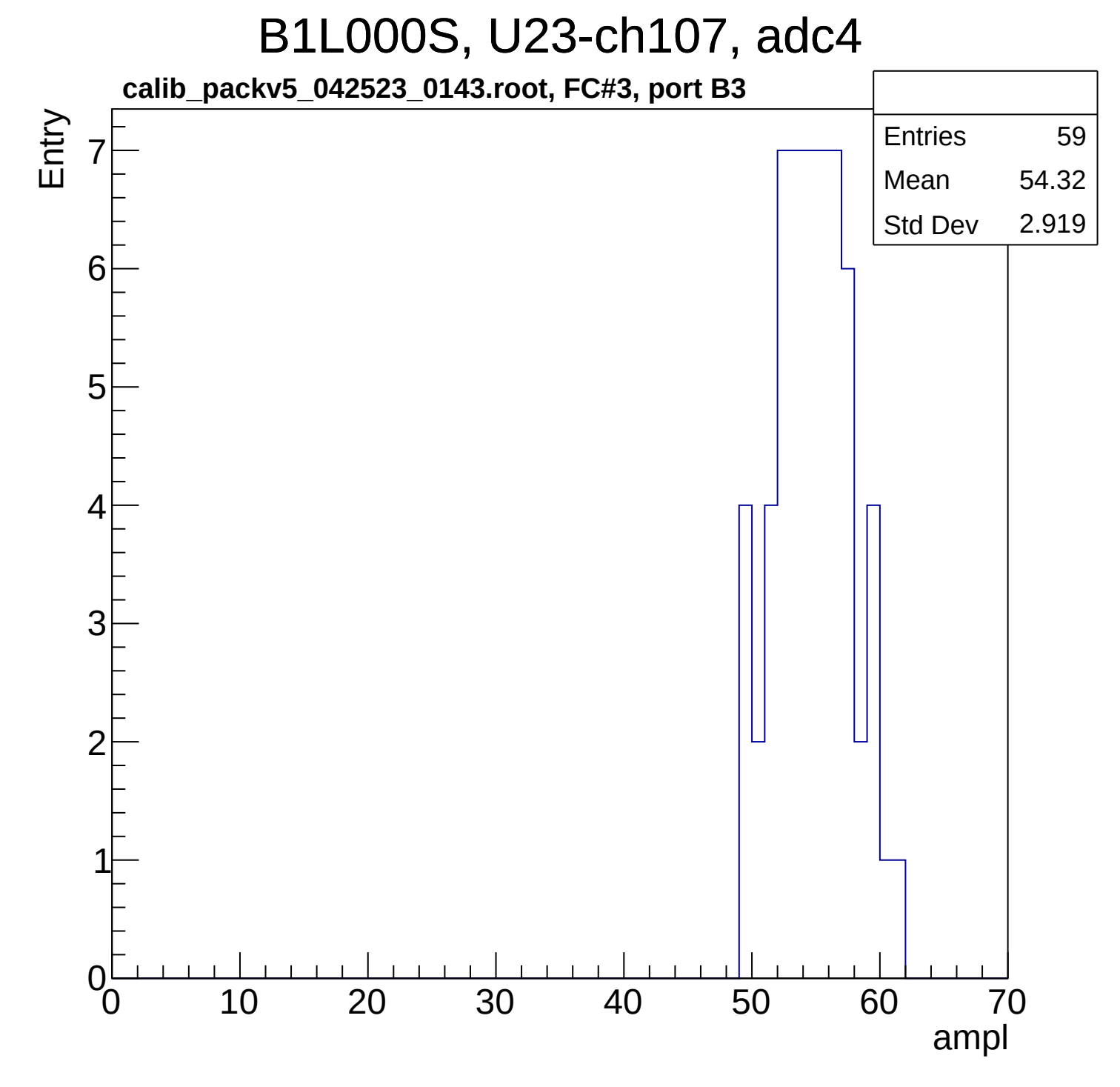
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch107, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.32
Std Dev 2.919
Entry
ampl
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1
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4
5
6
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0
10
20
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40
50
60
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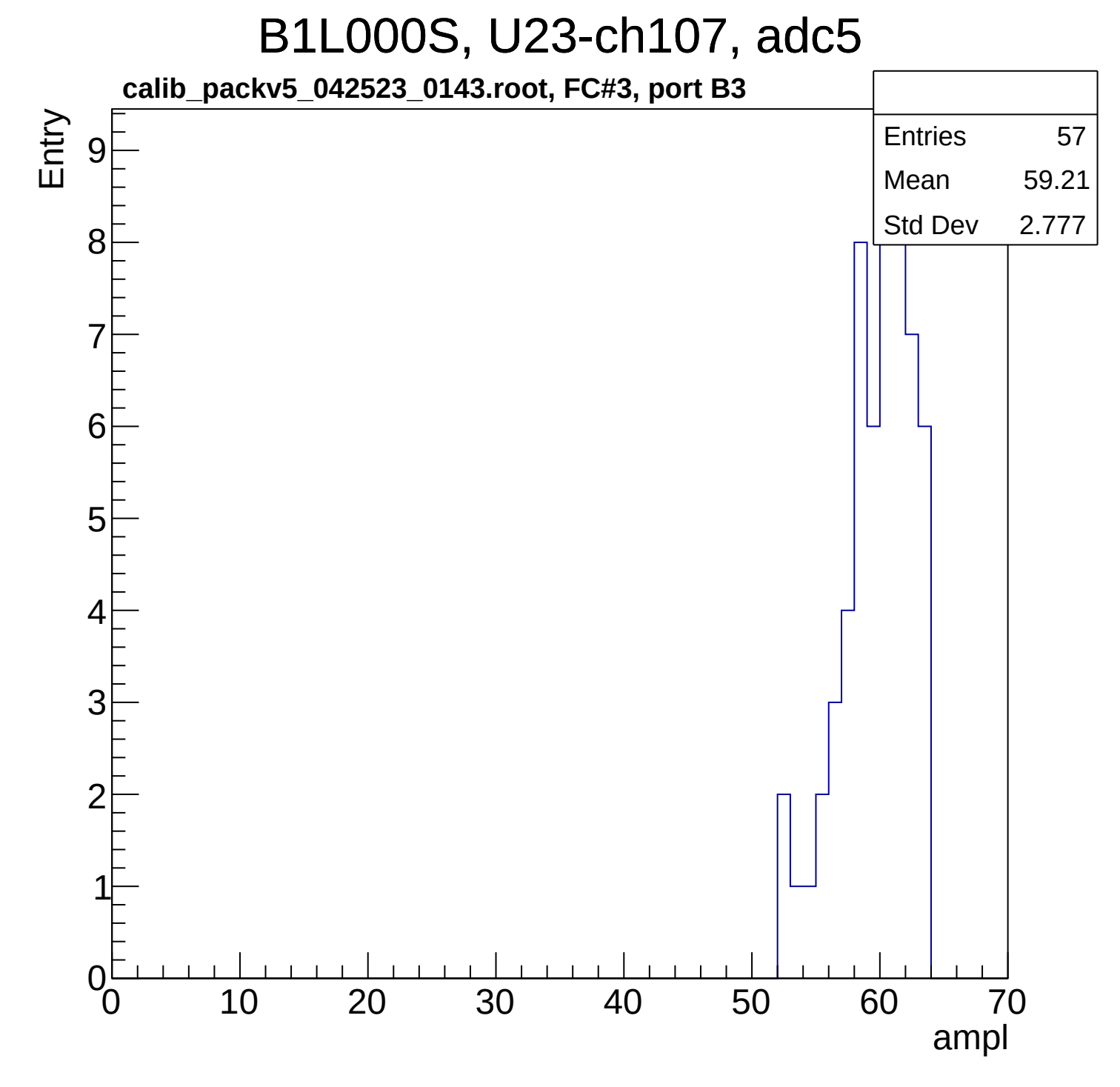
B1L000S, U23-ch107, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.21
Std Dev 2.777
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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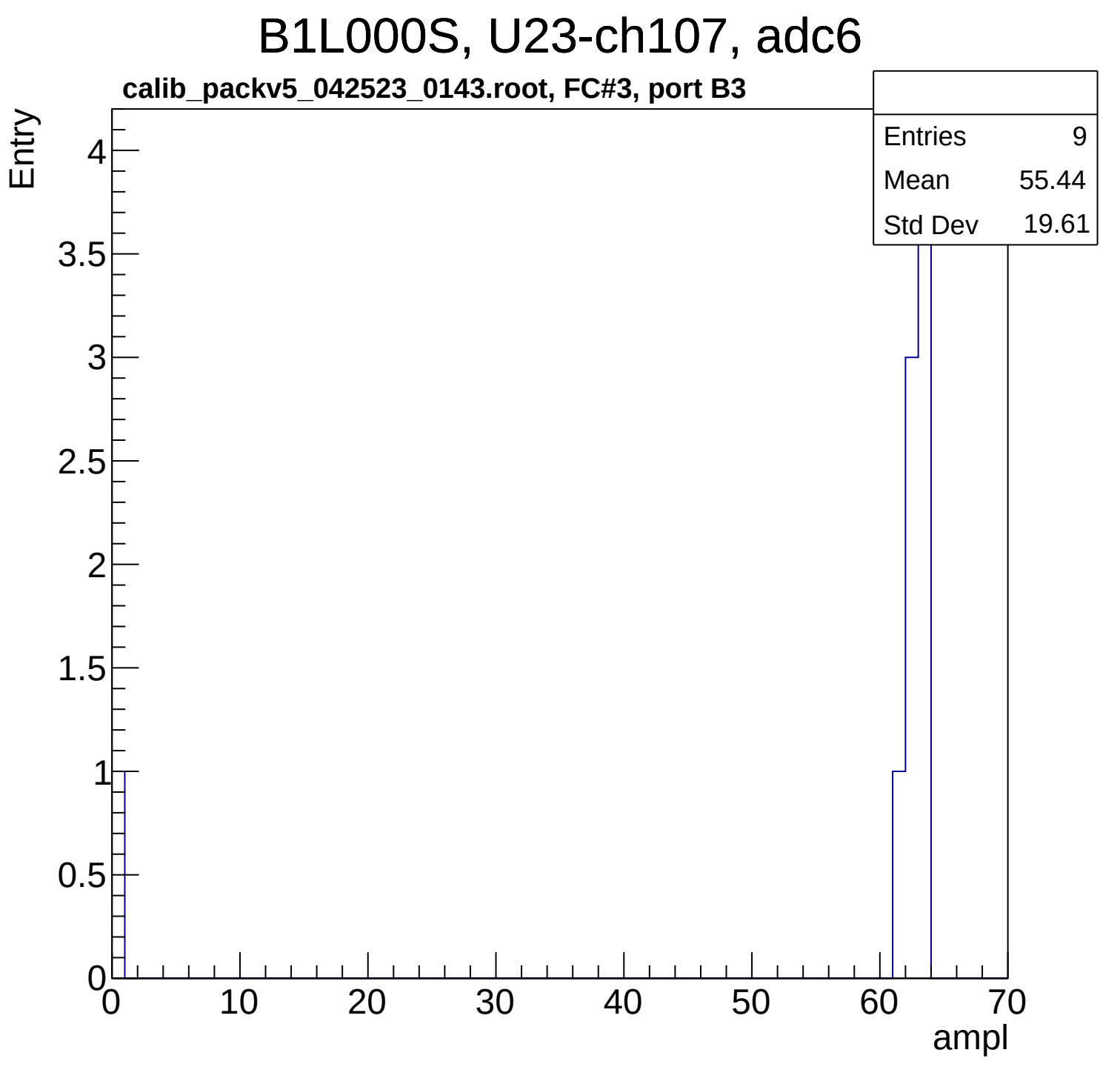
B1L000S, U23-ch107, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.44
Std Dev 19.61
Entry
ampl
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1.5
2
2.5
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3.5
4
0
10
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40
50
60
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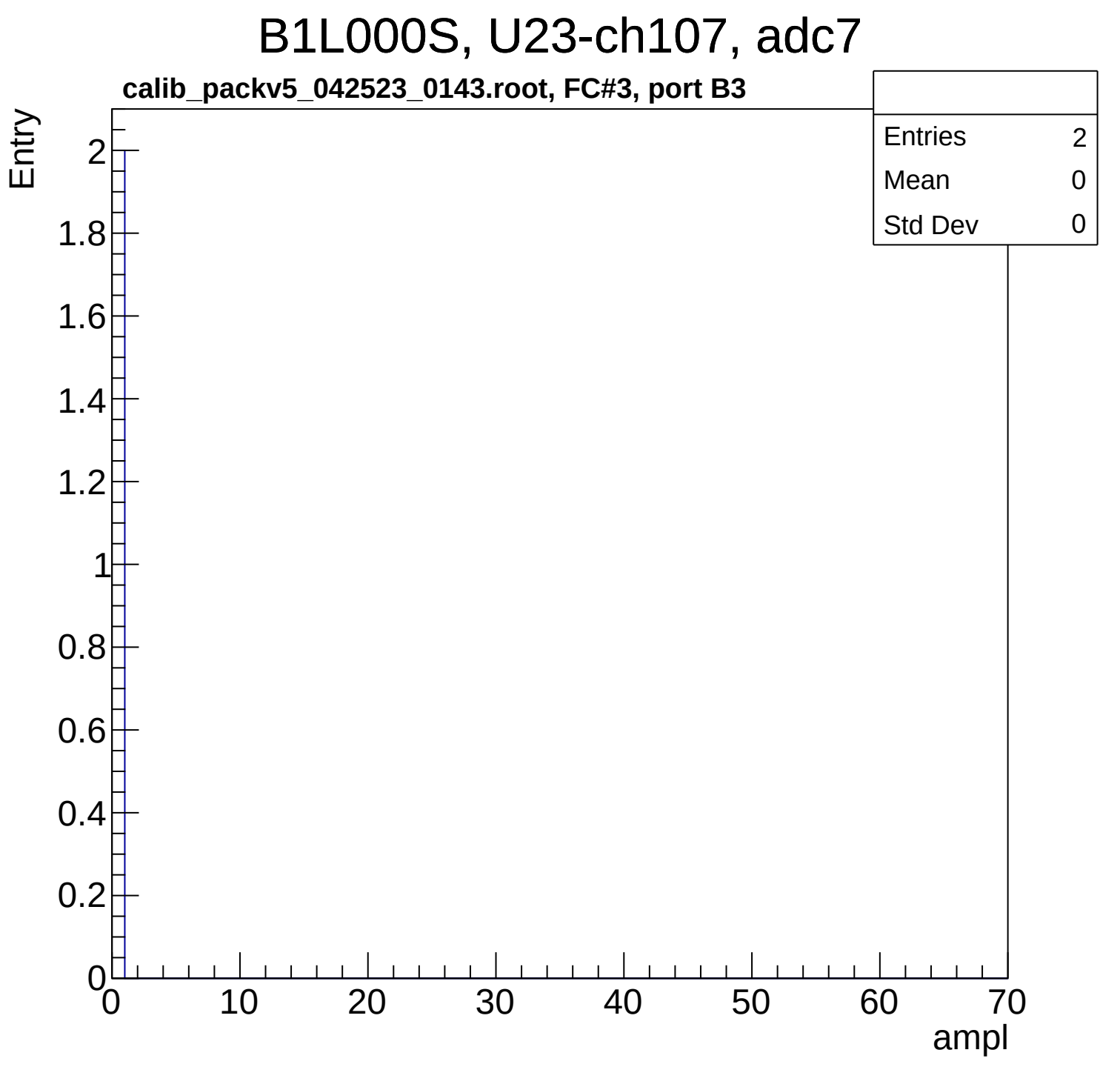
B1L000S, U23-ch107, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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0.6
0.4
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10
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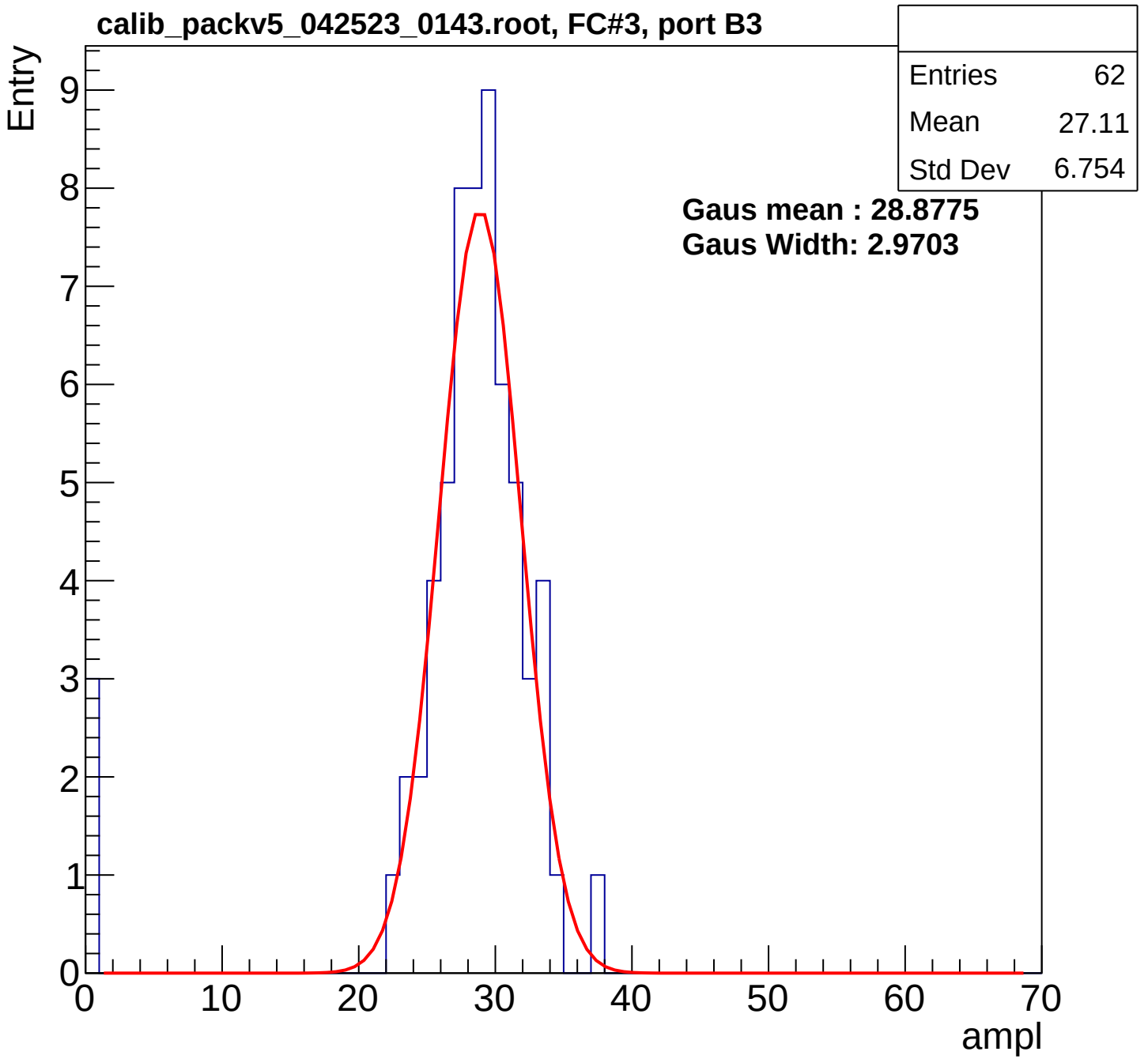
50
60
70
ampl


B1L000S, U23-ch108, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 27.11
Std Dev 6.754
Gaus mean : 28.8775
Gaus Width: 2.9703
Entry
ampl
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2
3
4
5
6
7
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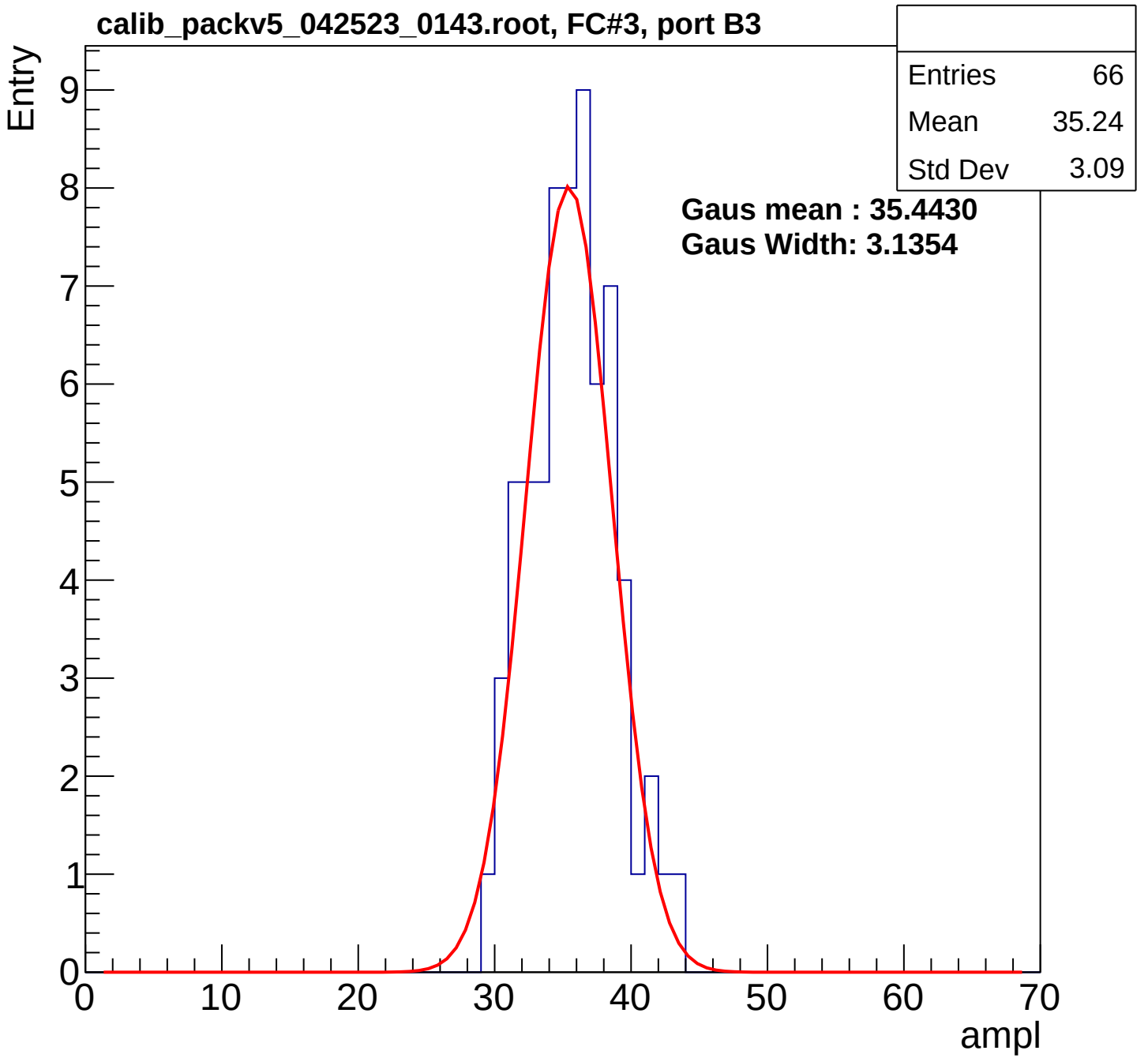
B1L000S, U23-ch108, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.24
Std Dev 3.09
Gaus mean : 35.4430
Gaus Width: 3.1354
Entry
ampl
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2
3
4
5
6
7
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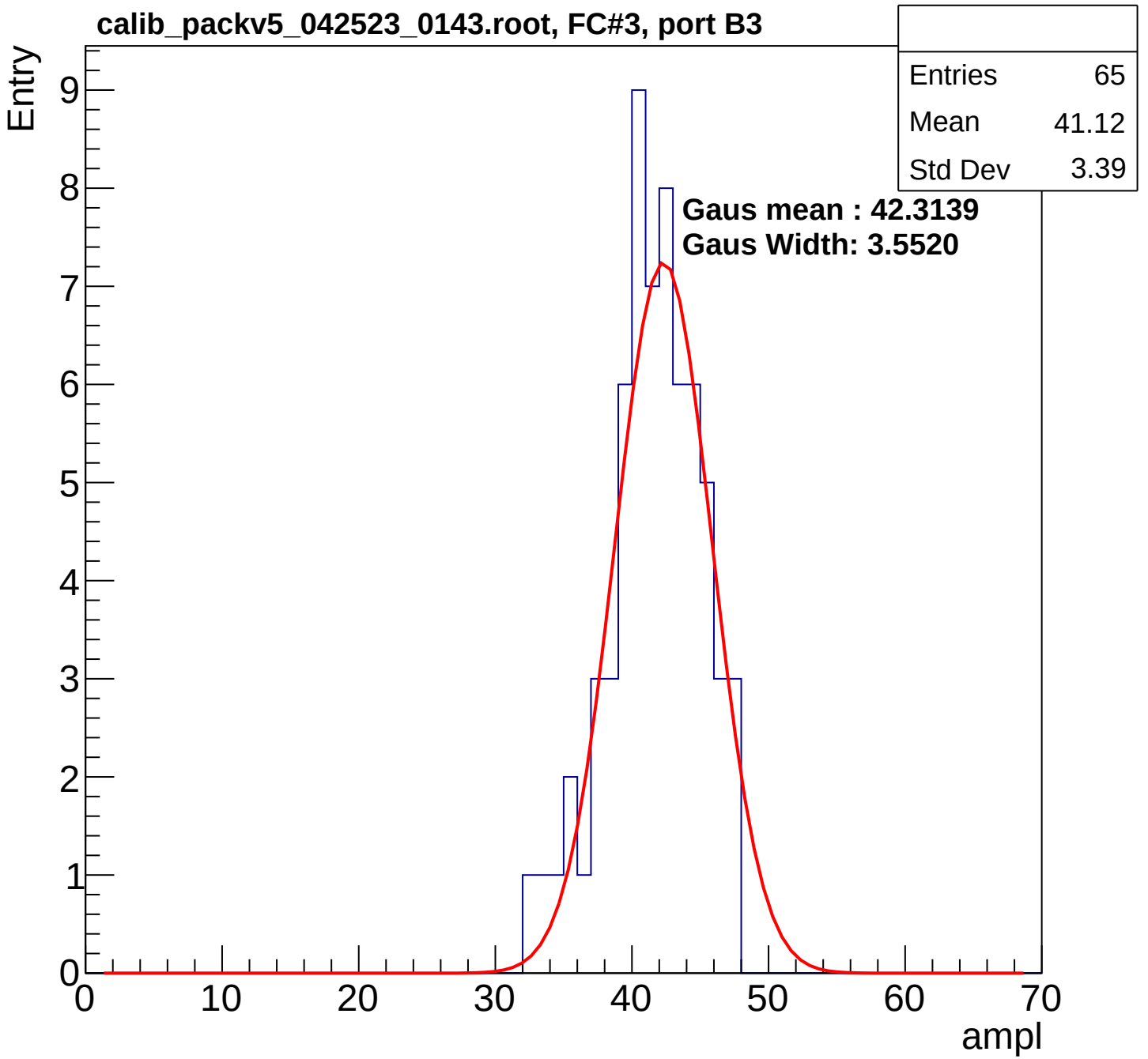
B1L000S, U23-ch108, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.12
Std Dev 3.39
Gaus mean : 42.3139
Gaus Width: 3.5520
Entry
ampl
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3
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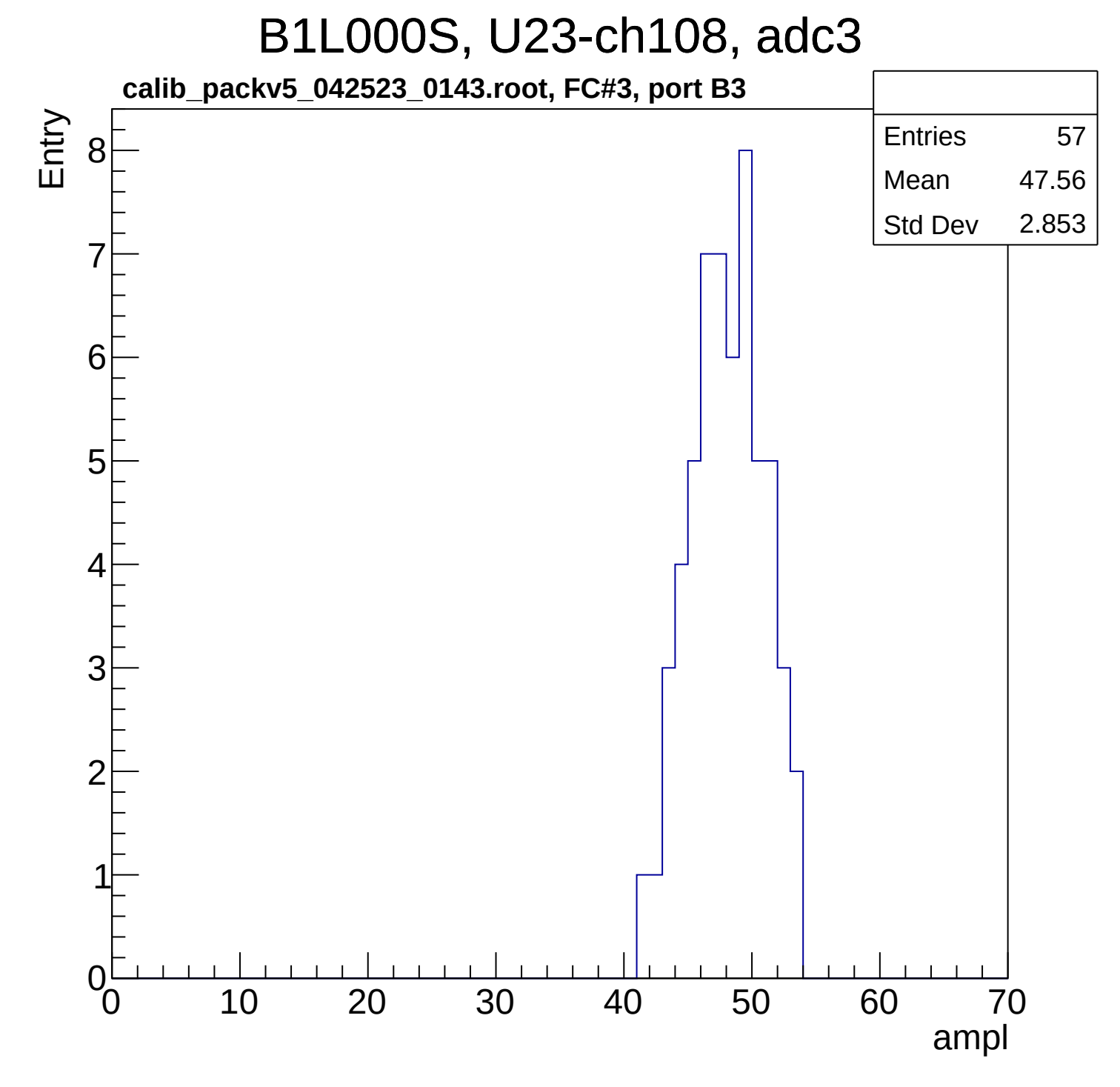
B1L000S, U23-ch108, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.56
Std Dev 2.853
Entry
ampl
0
1
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5
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0
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60
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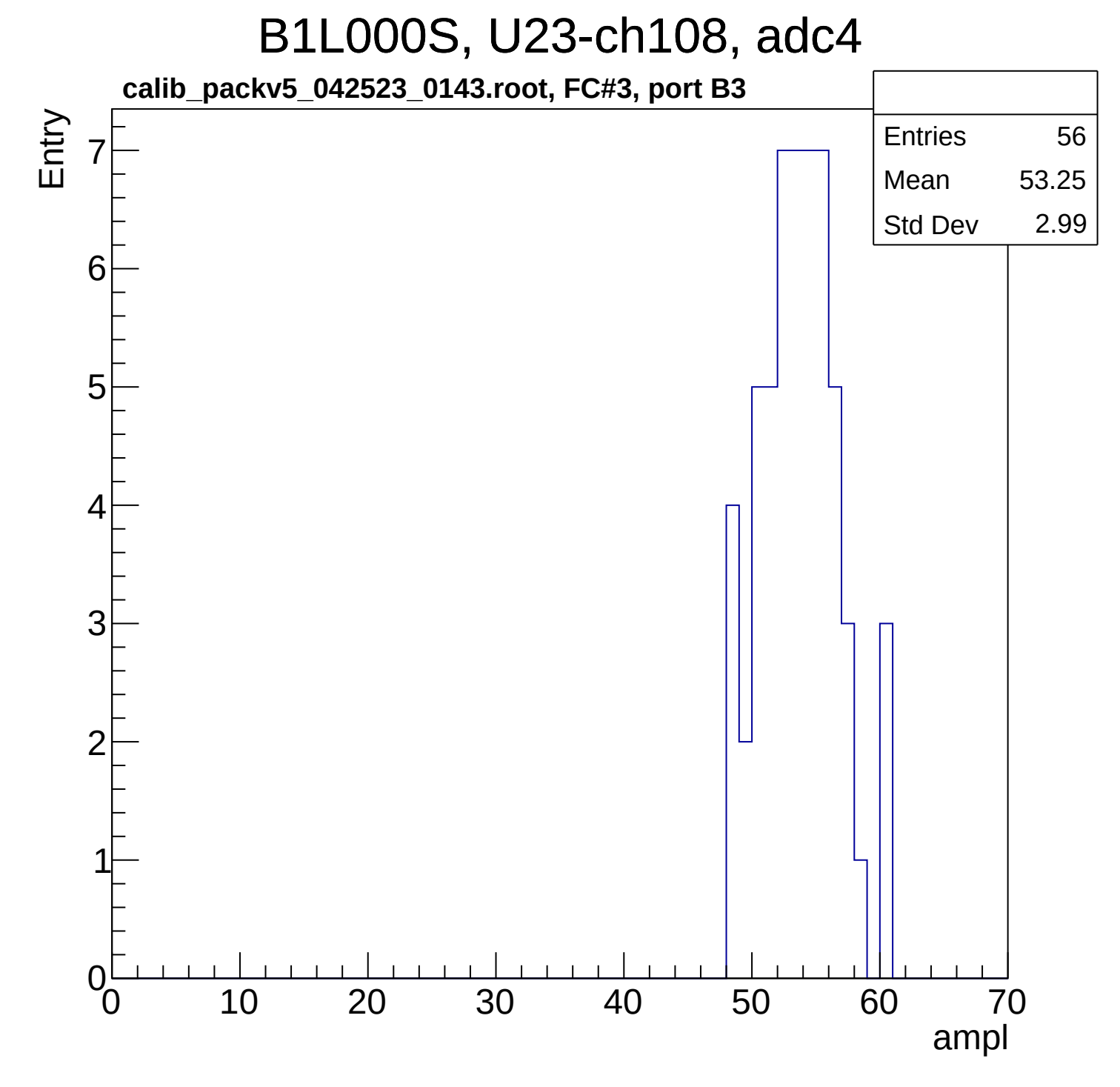
B1L000S, U23-ch108, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.25
Std Dev 2.99
Entry
ampl
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1
2
3
4
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6
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0
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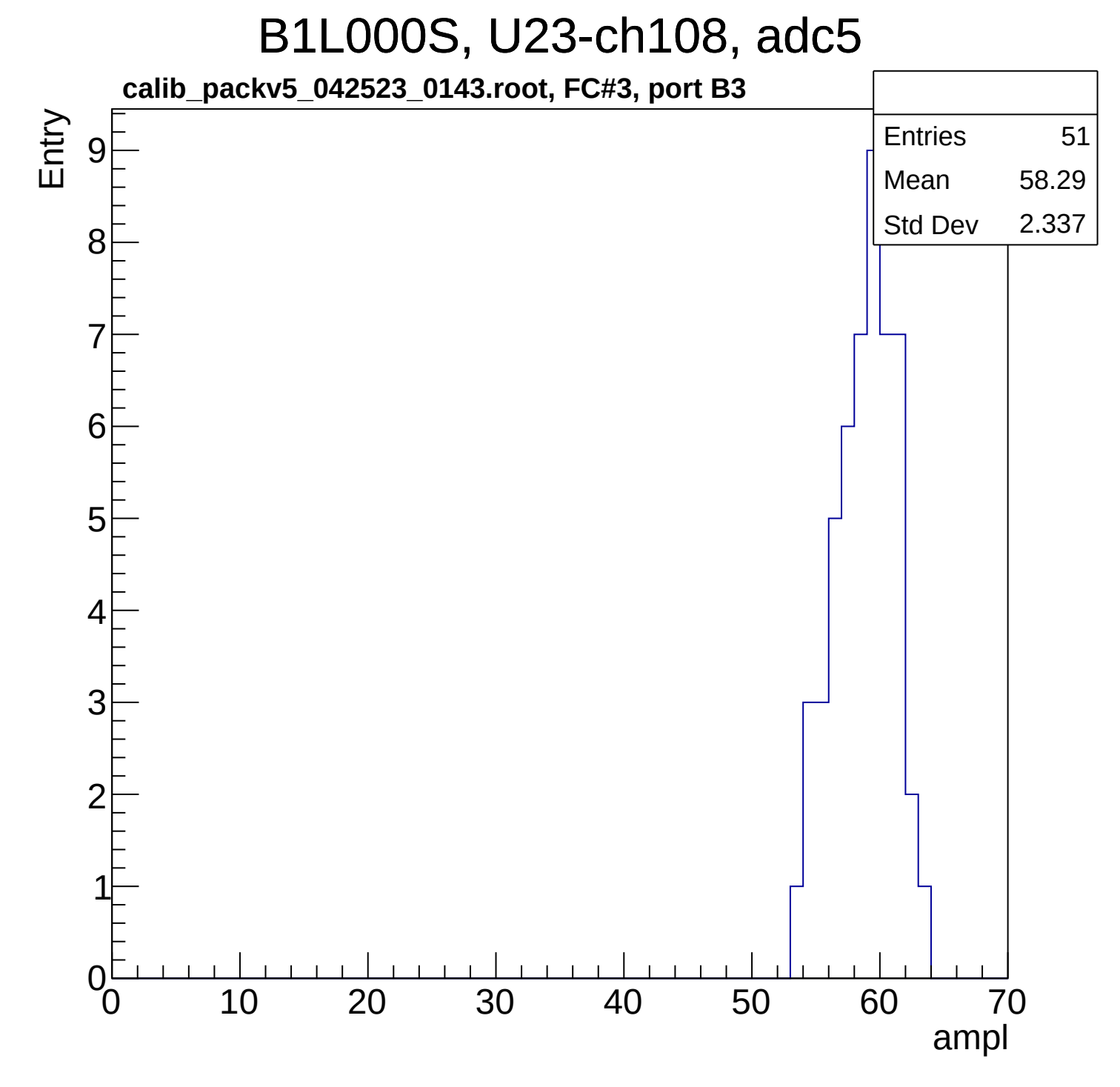
B1L000S, U23-ch108, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.29
Std Dev 2.337
Entry
ampl
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2
3
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5
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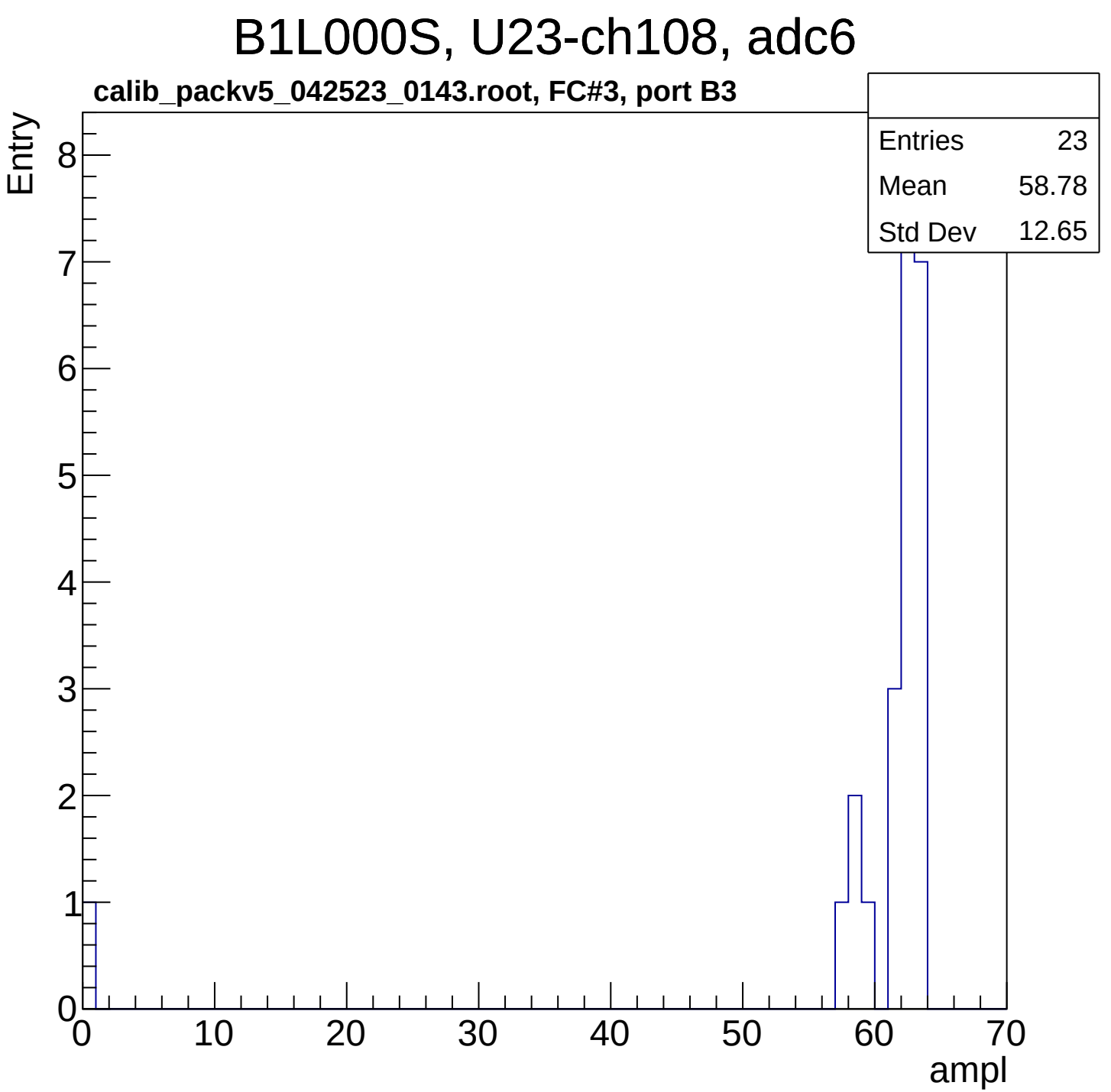
B1L000S, U23-ch108, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 58.78
Std Dev 12.65
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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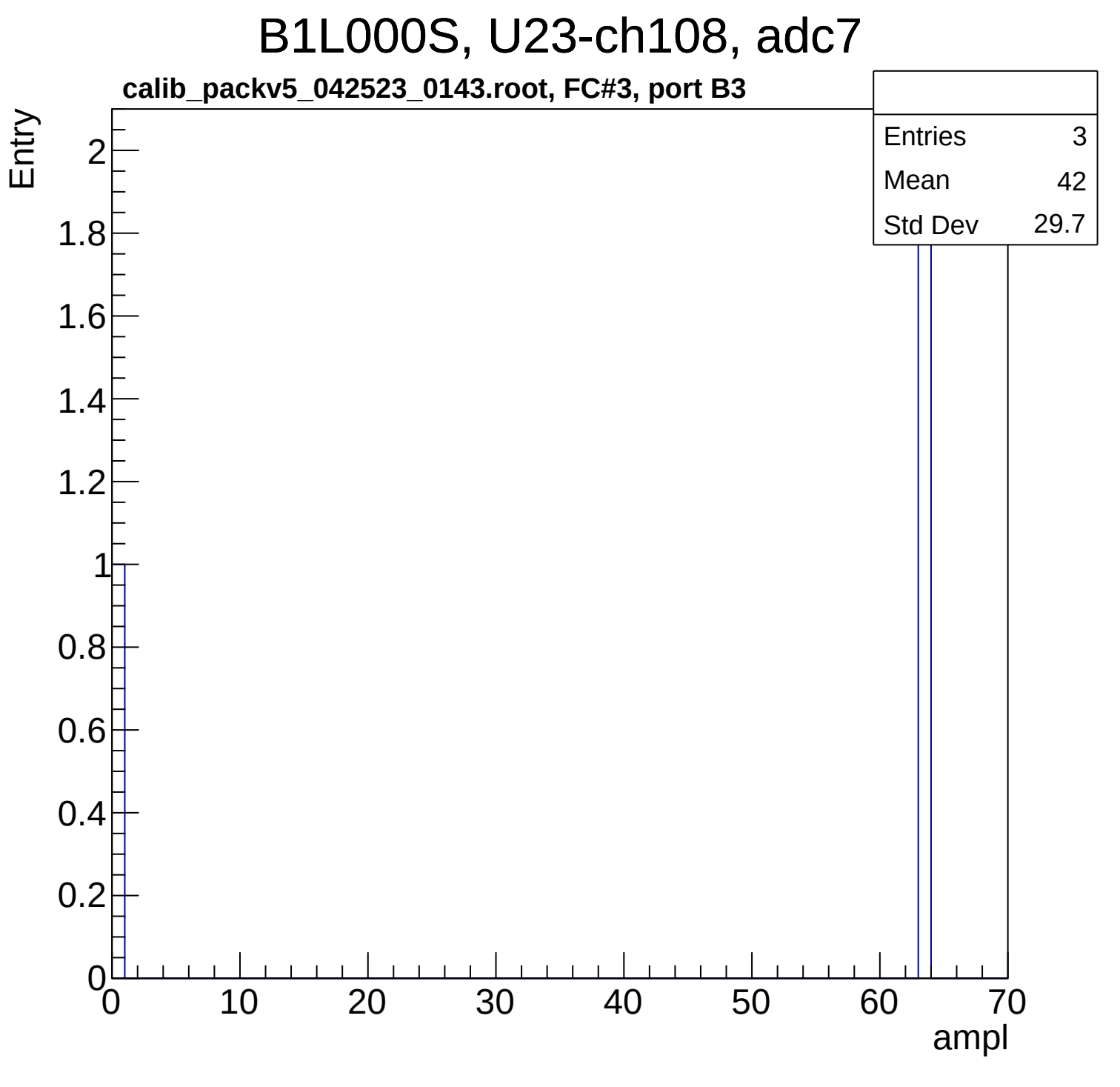
B1L000S, U23-ch108, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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40
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60
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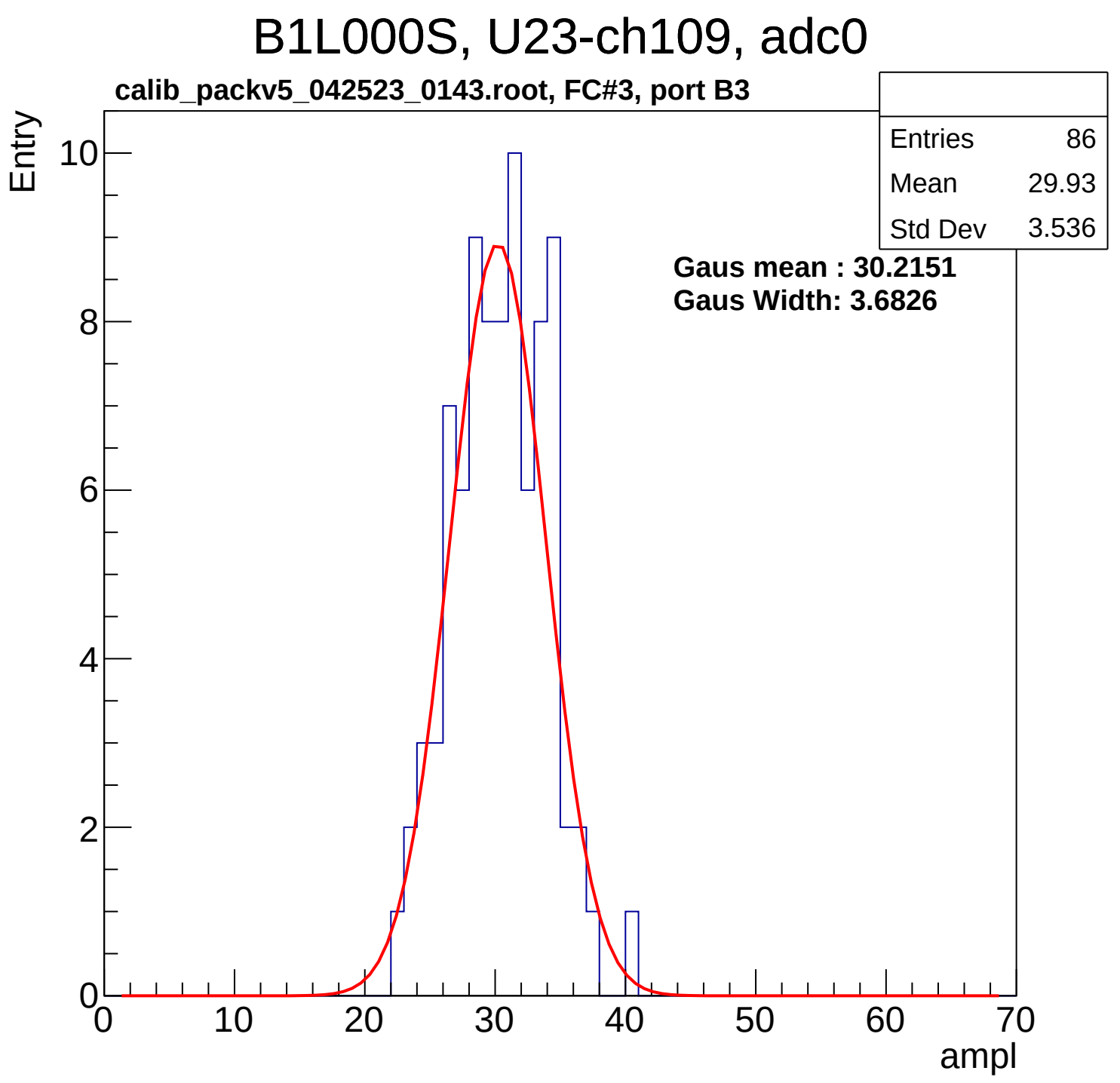
B1L000S, U23-ch109, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 86
Mean 29.93
Std Dev 3.536
Gaus mean : 30.2151
Gaus Width: 3.6826
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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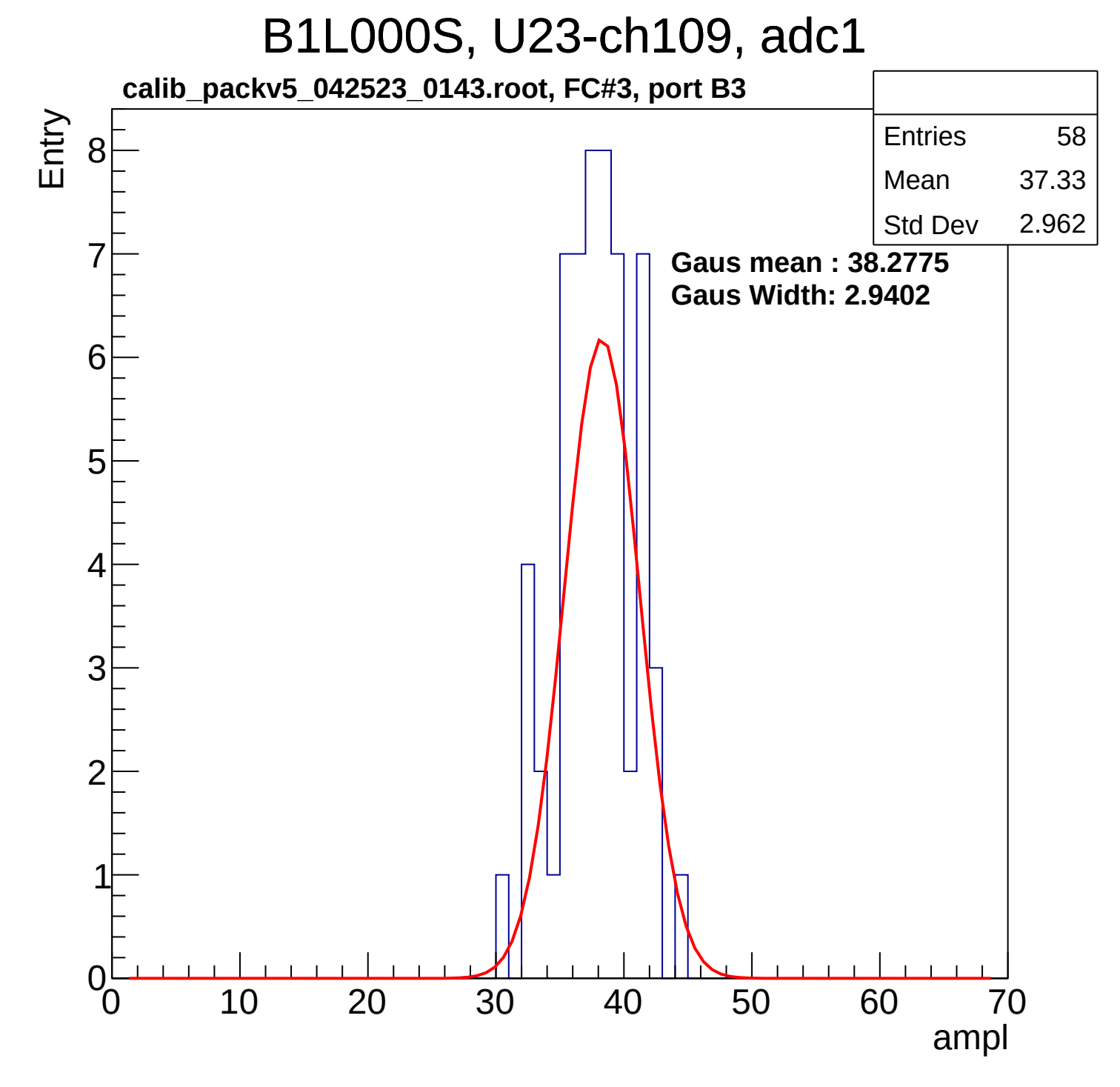
B1L000S, U23-ch109, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 37.33
Std Dev 2.962
Gaus mean : 38.2775
Gaus Width: 2.9402
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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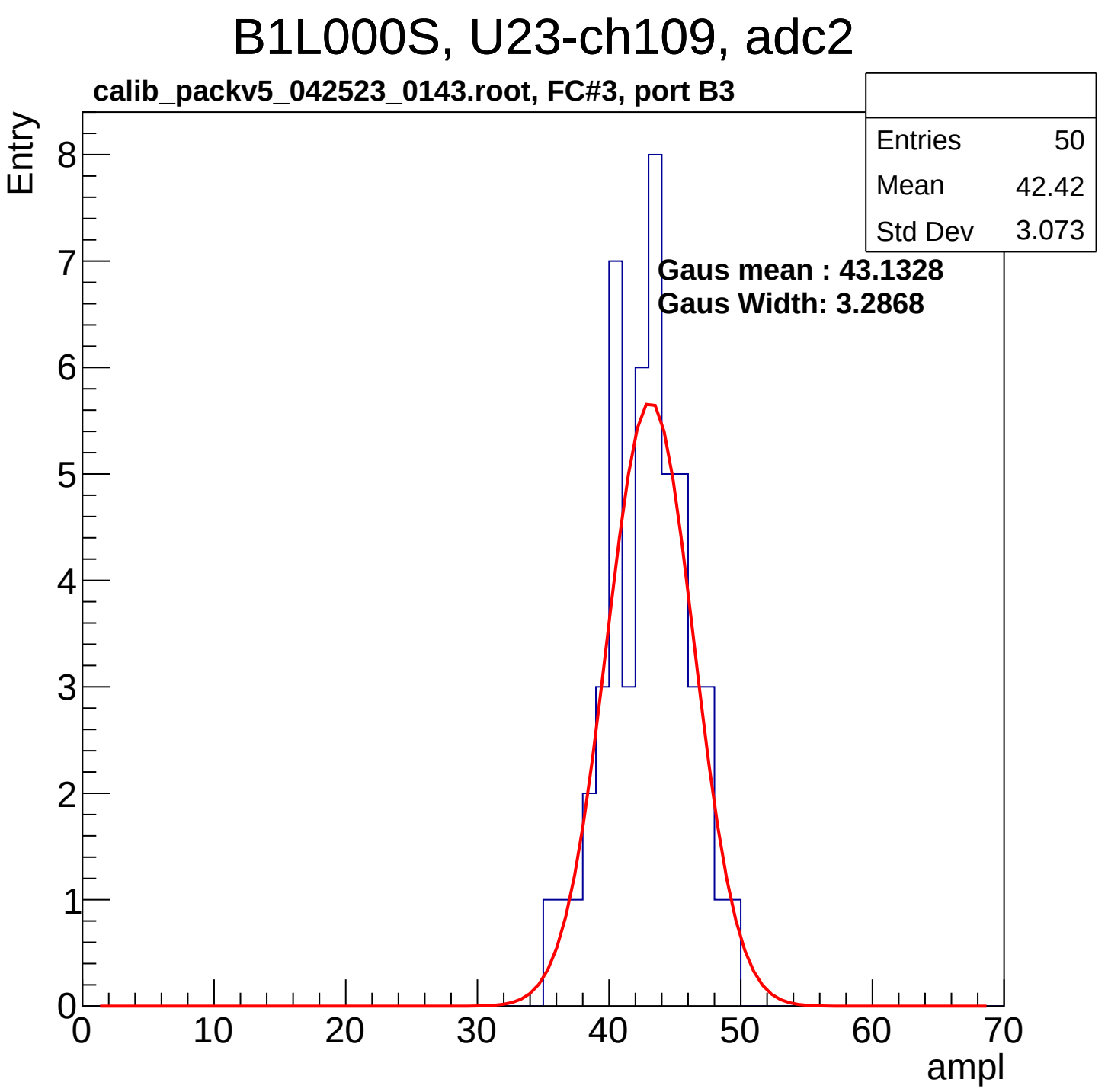
B1L000S, U23-ch109, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 42.42
Std Dev 3.073
Gaus mean : 43.1328
Gaus Width: 3.2868
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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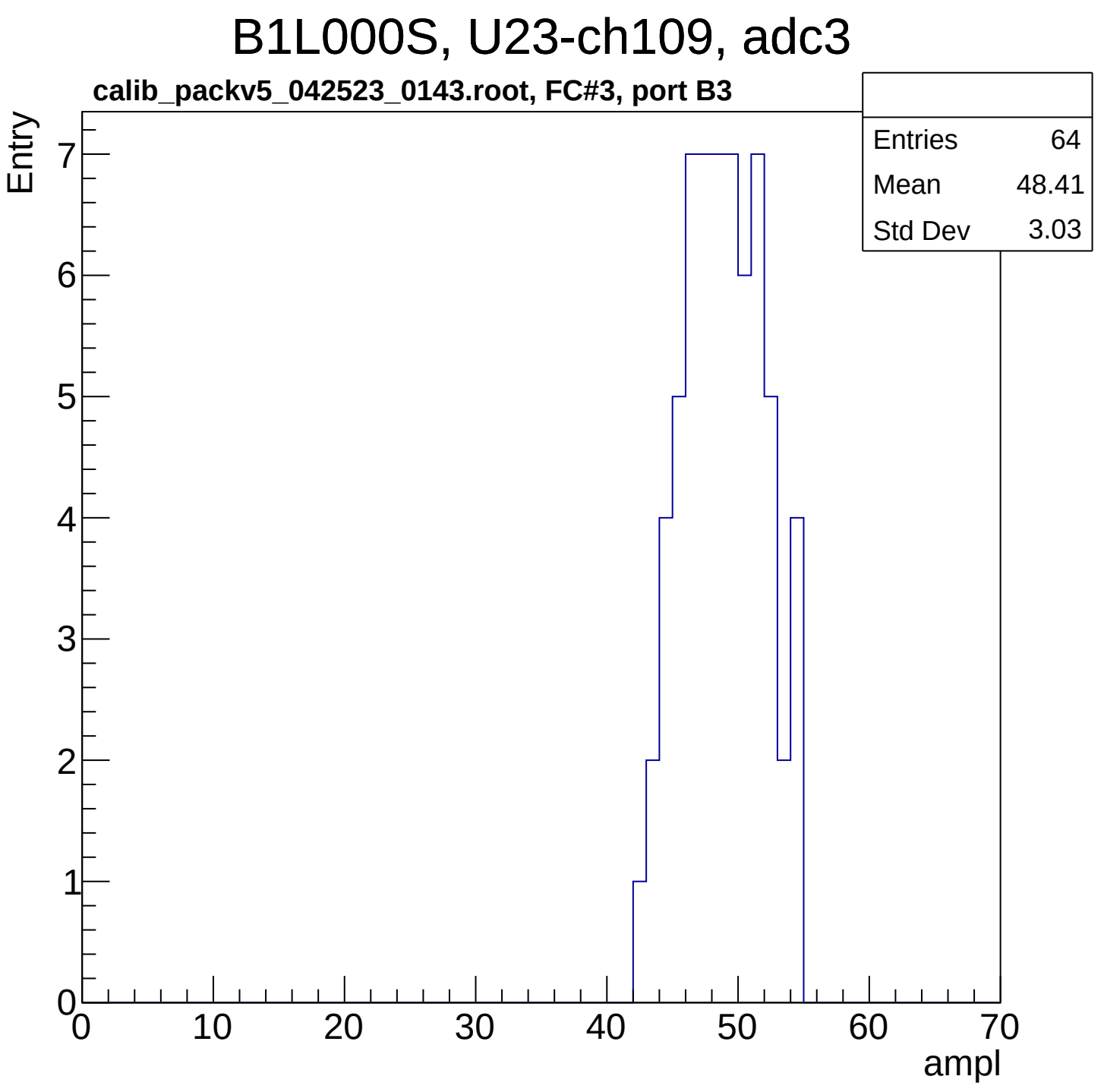
B1L000S, U23-ch109, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.41
Std Dev 3.03
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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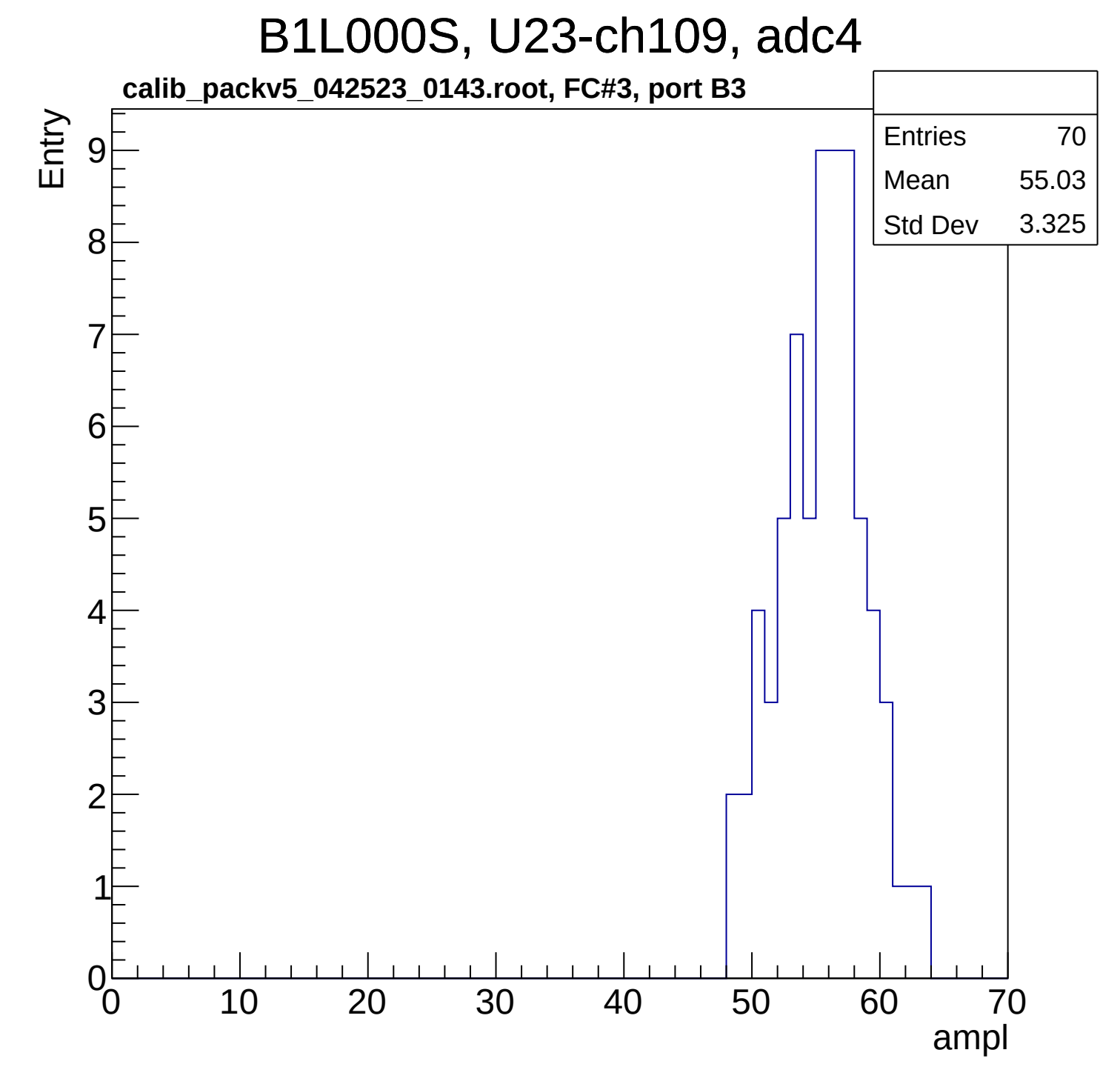
B1L000S, U23-ch109, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 55.03
Std Dev 3.325
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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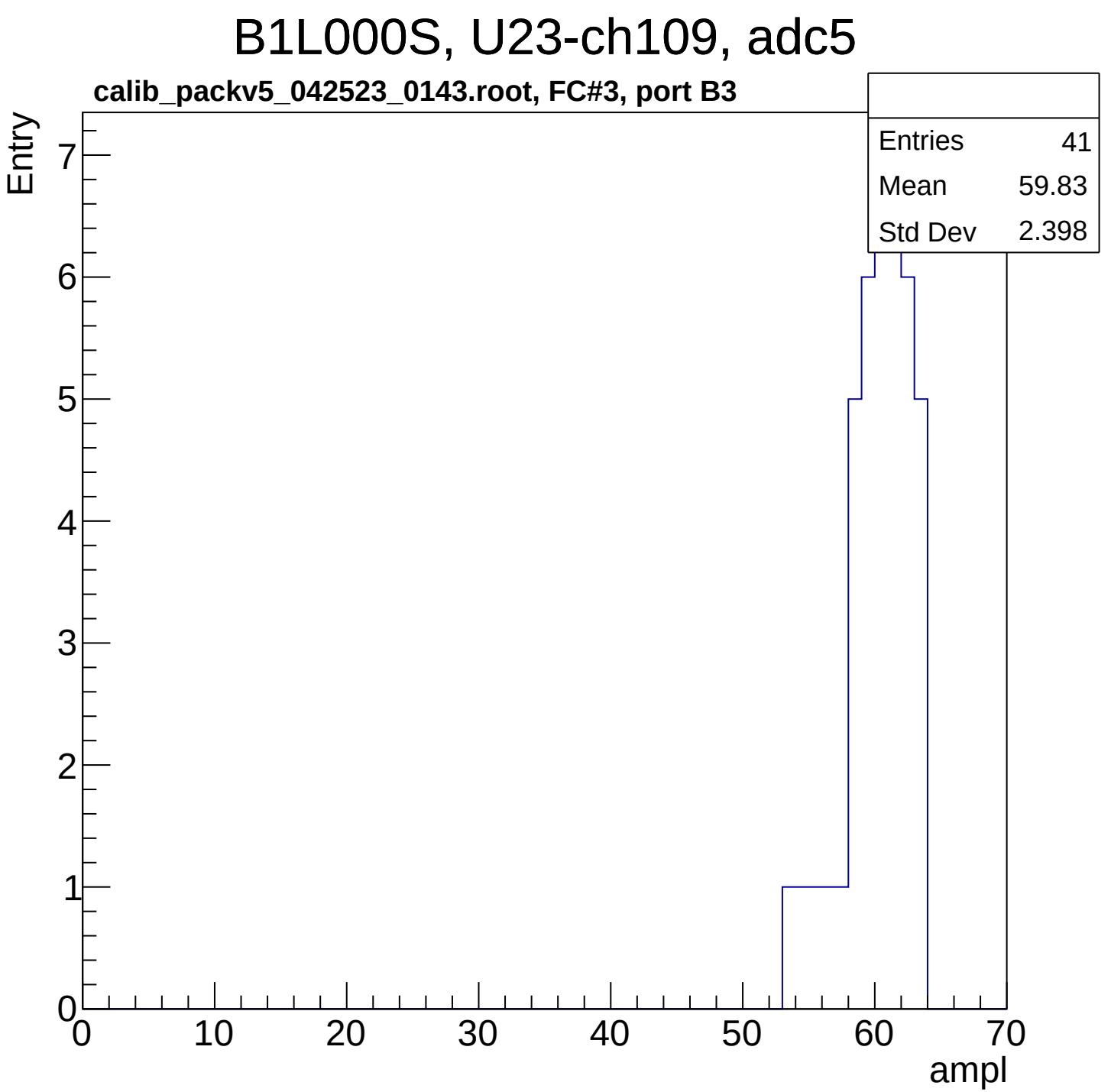
B1L000S, U23-ch109, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 59.83
Std Dev 2.398
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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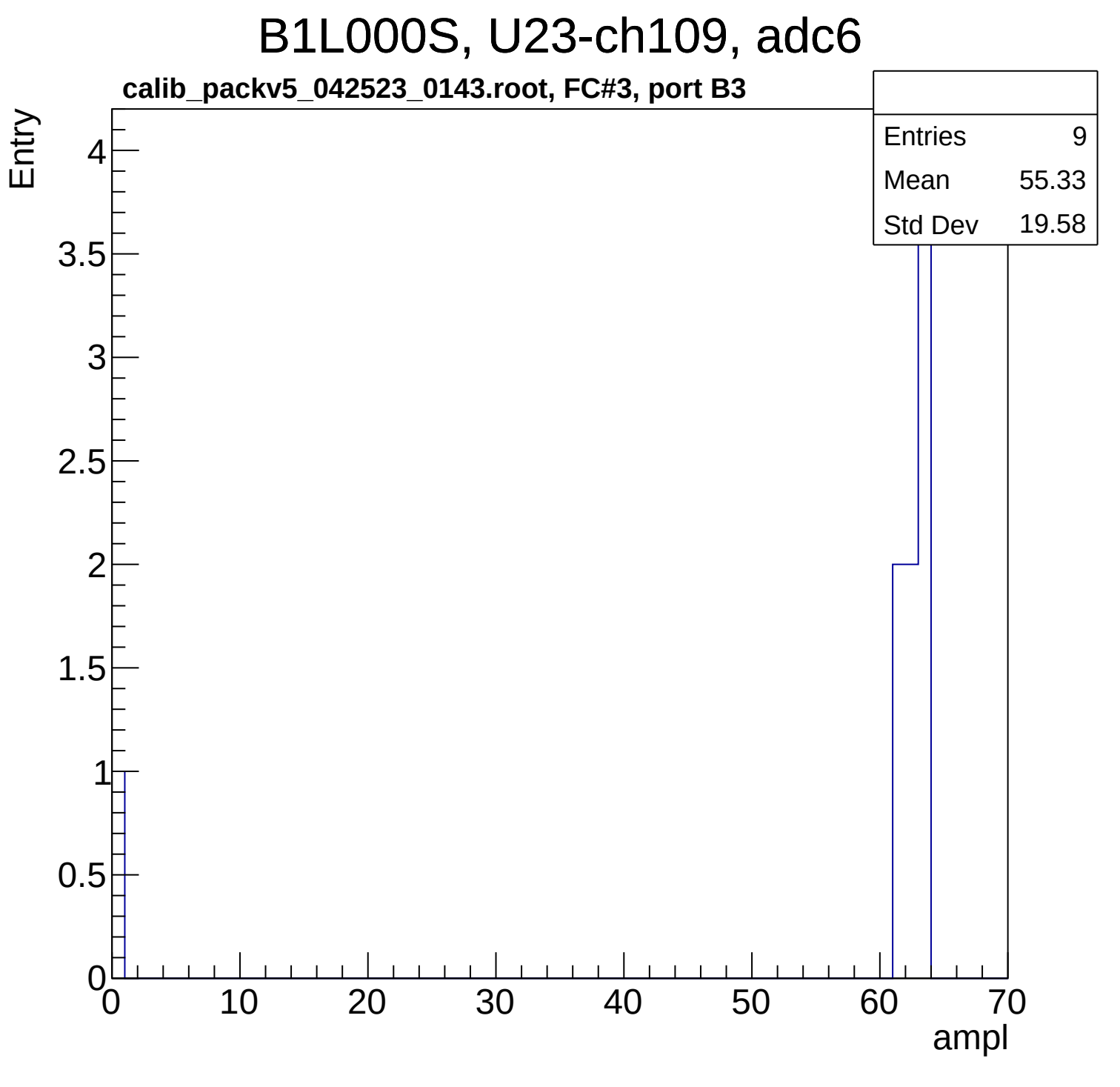
B1L000S, U23-ch109, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.33
Std Dev 19.58
Entry
ampl
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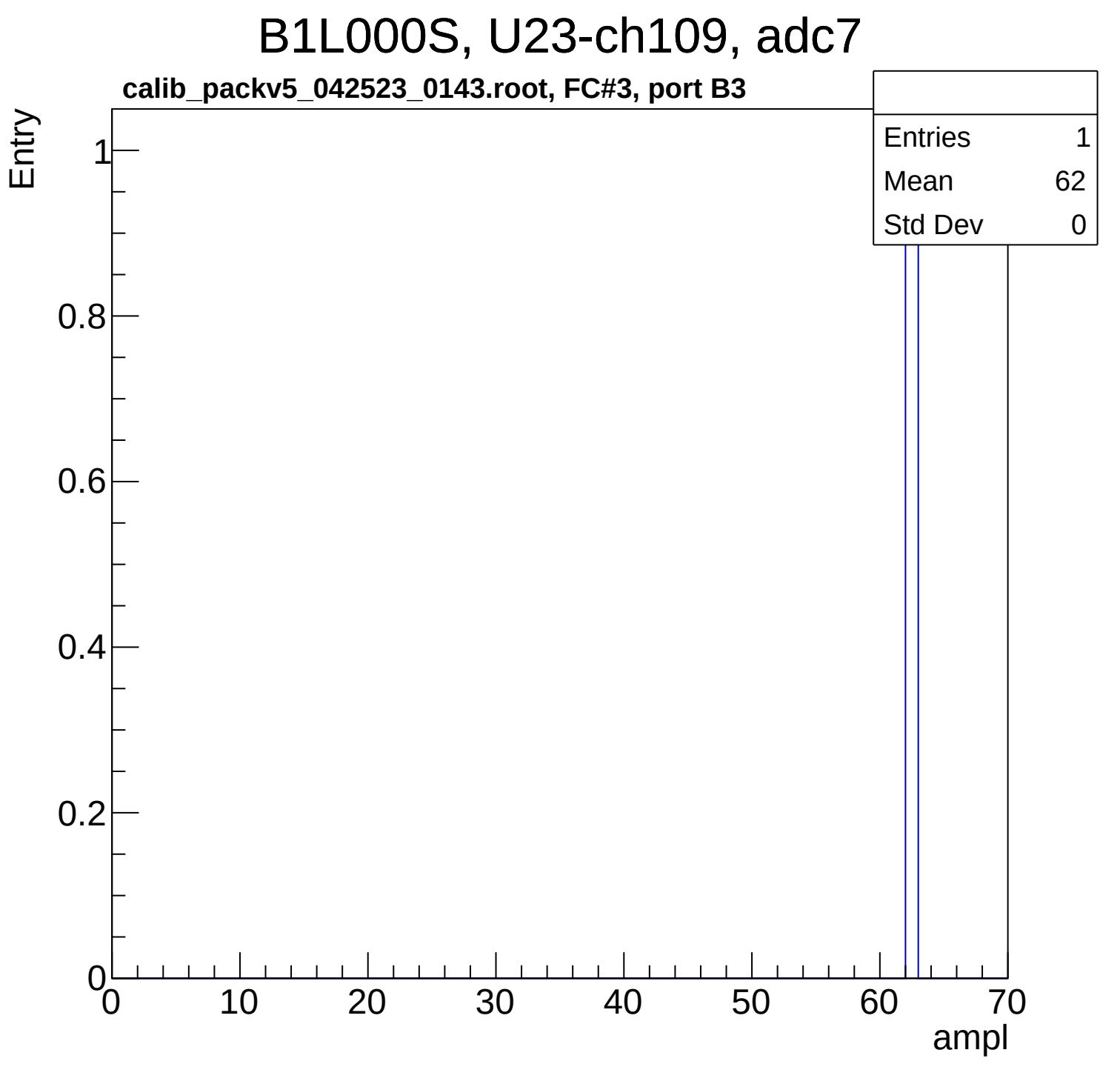
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch109, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
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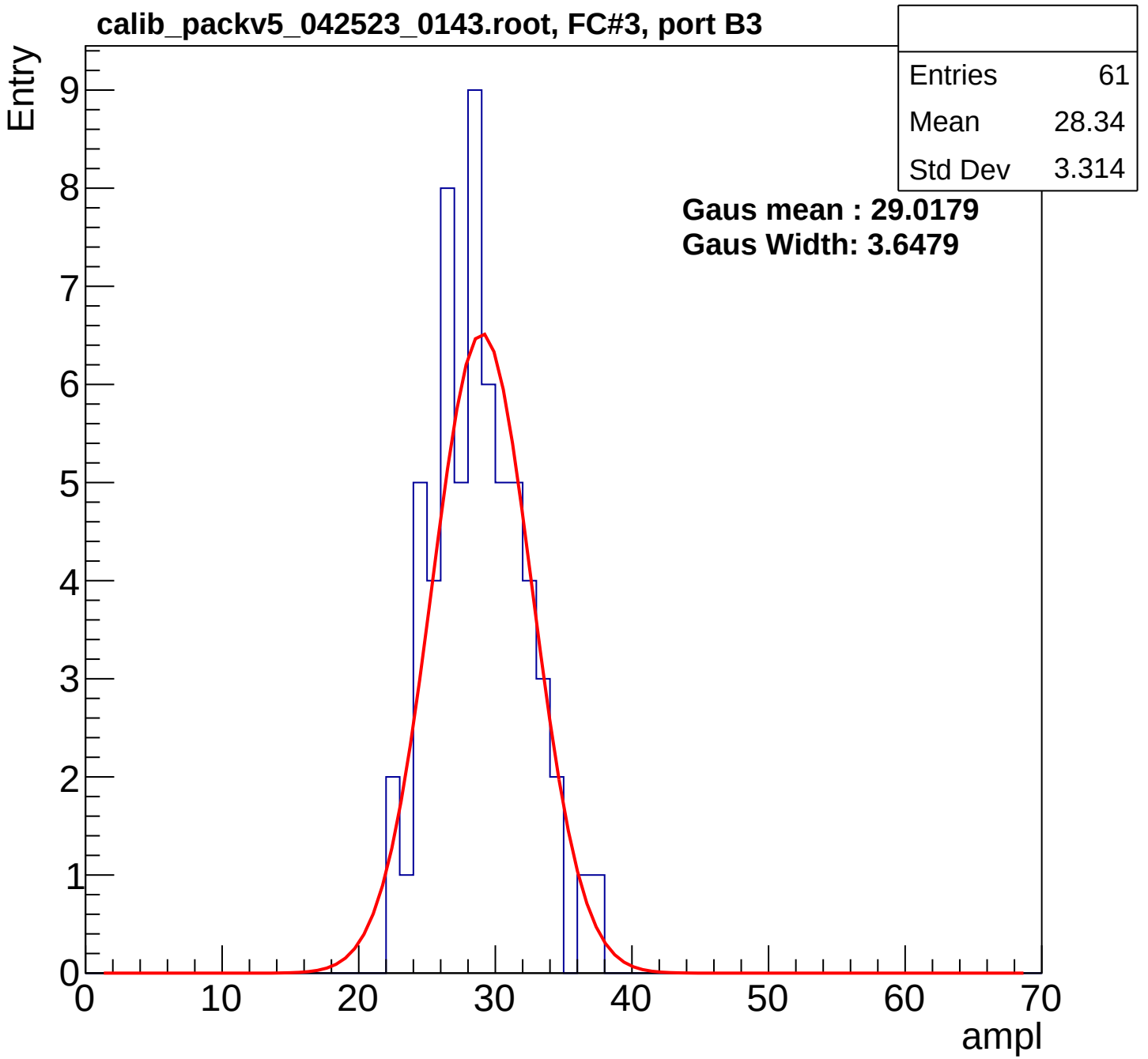
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch110, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 28.34
Std Dev 3.314
Gaus mean : 29.0179
Gaus Width: 3.6479
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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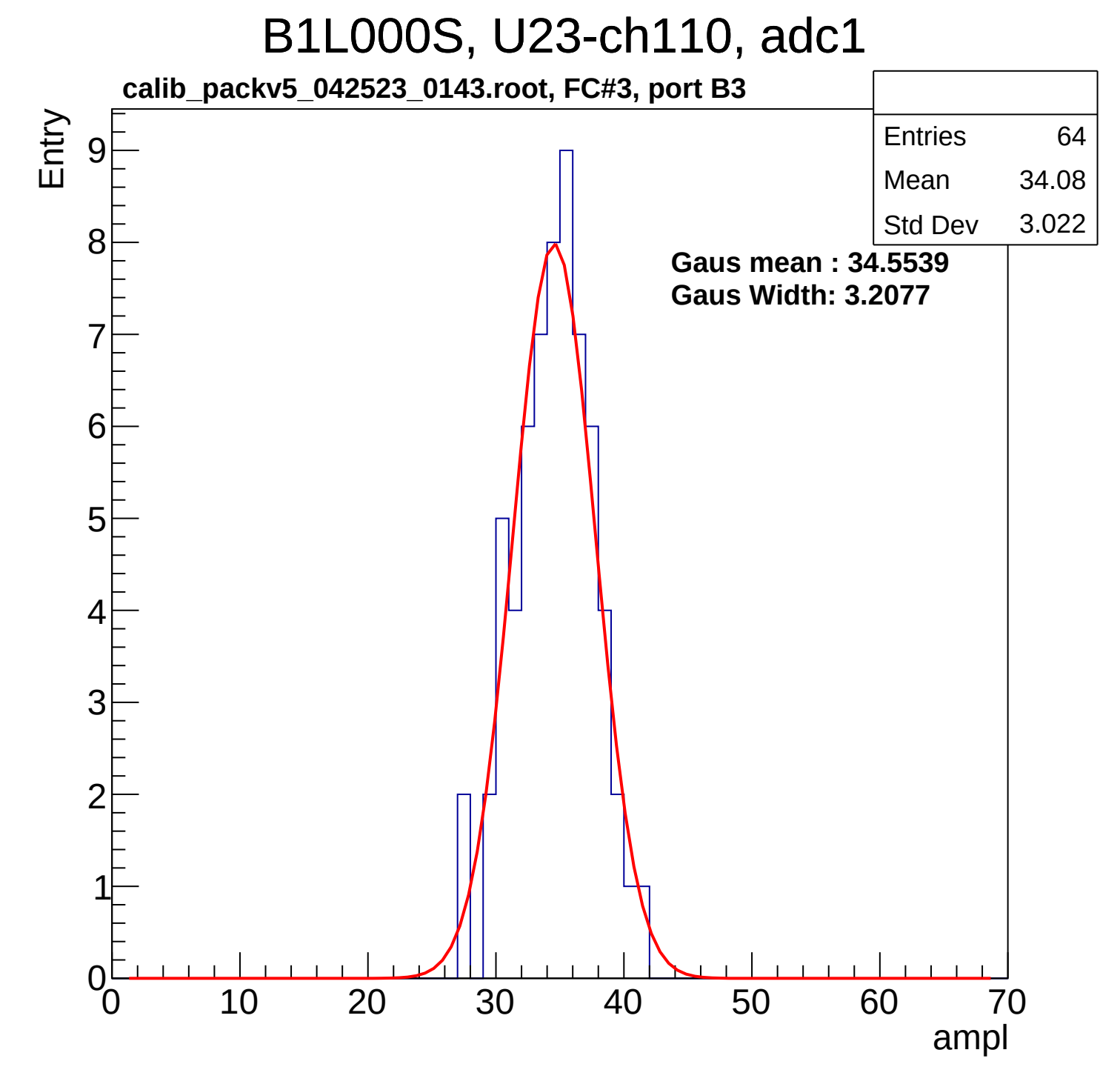
B1L000S, U23-ch110, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 34.08
Std Dev 3.022
Gaus mean : 34.5539
Gaus Width: 3.2077
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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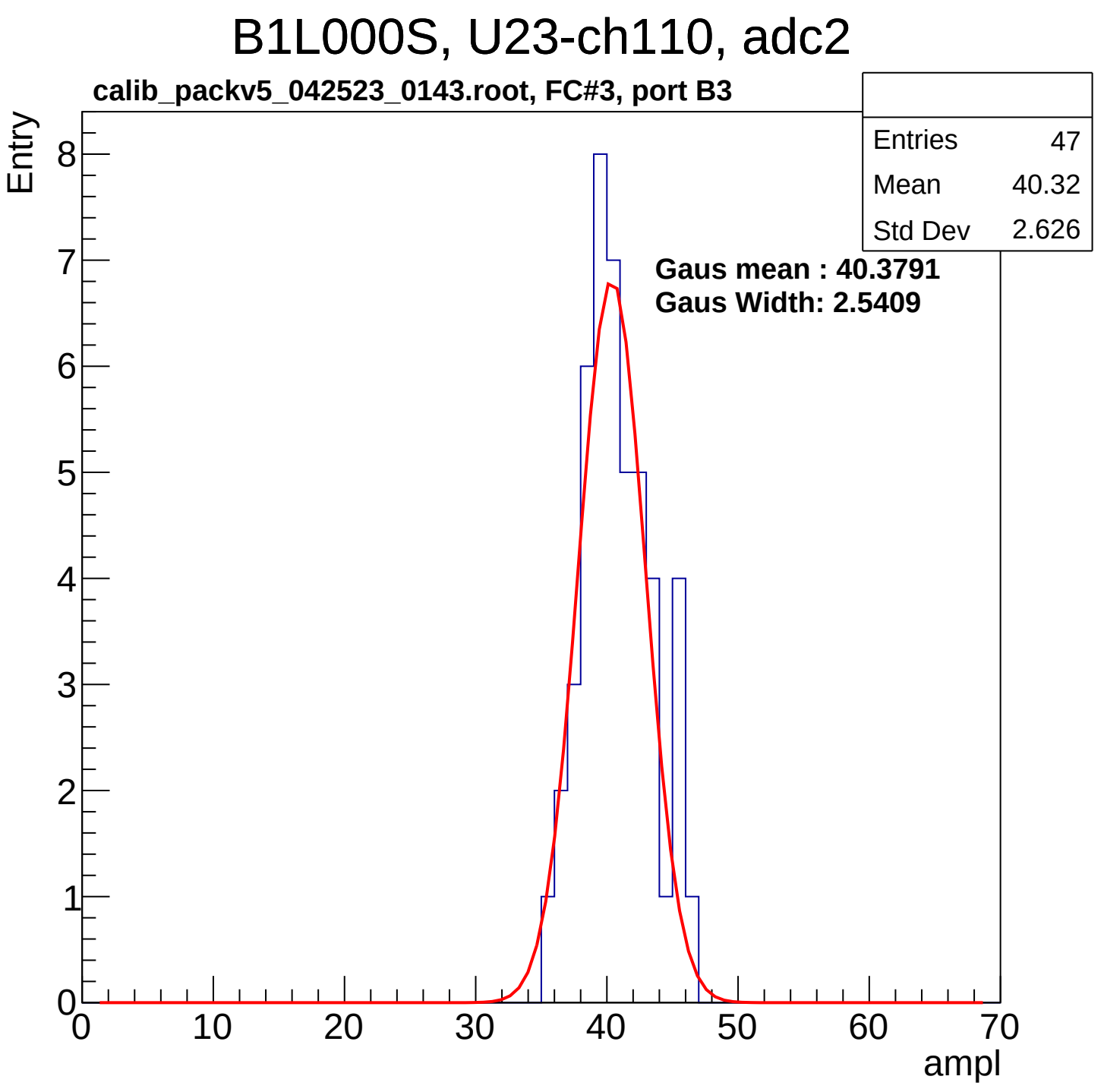
B1L000S, U23-ch110, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 40.32
Std Dev 2.626
Gaus mean : 40.3791
Gaus Width: 2.5409
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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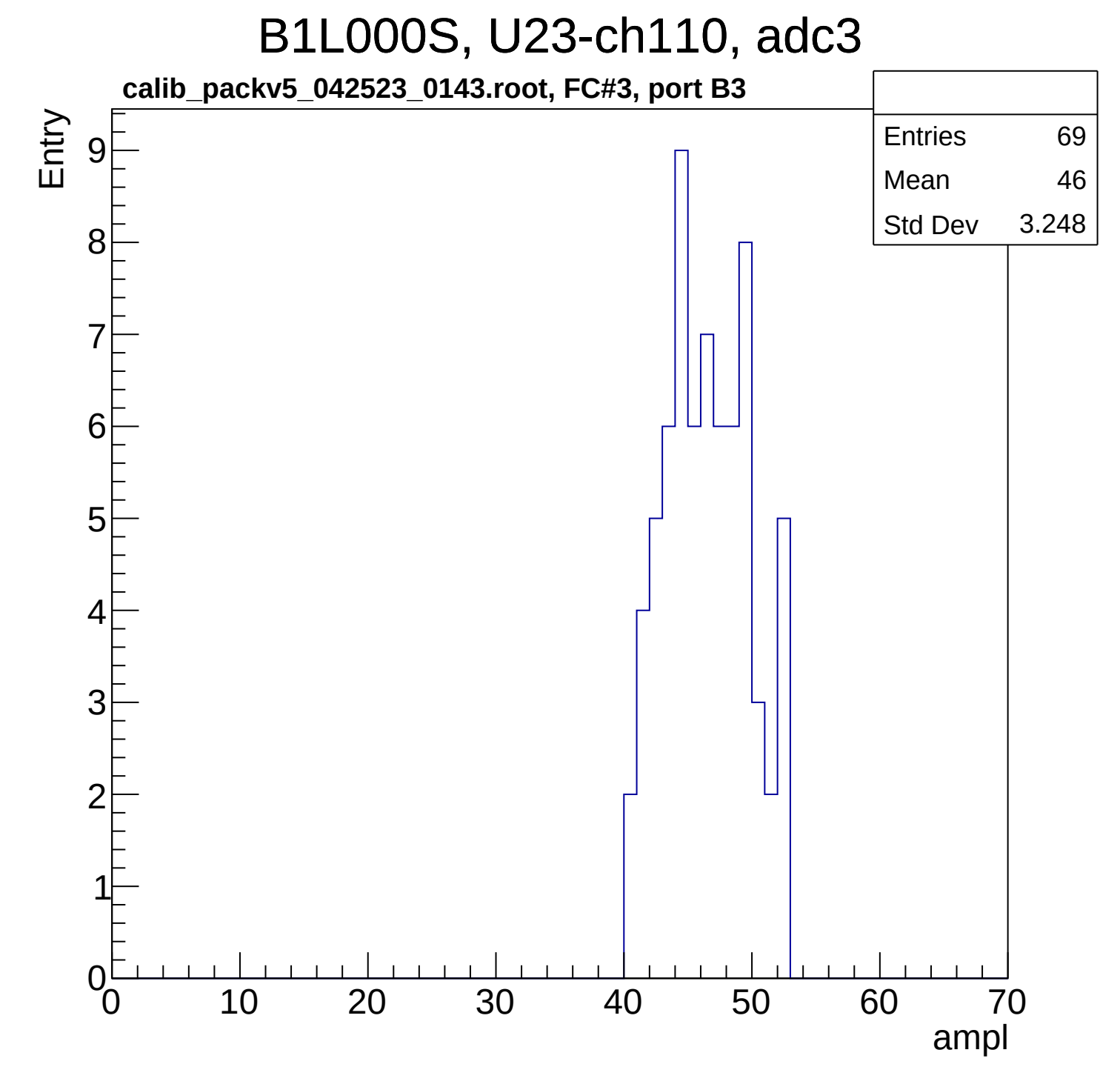
B1L000S, U23-ch110, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 46
Std Dev 3.248
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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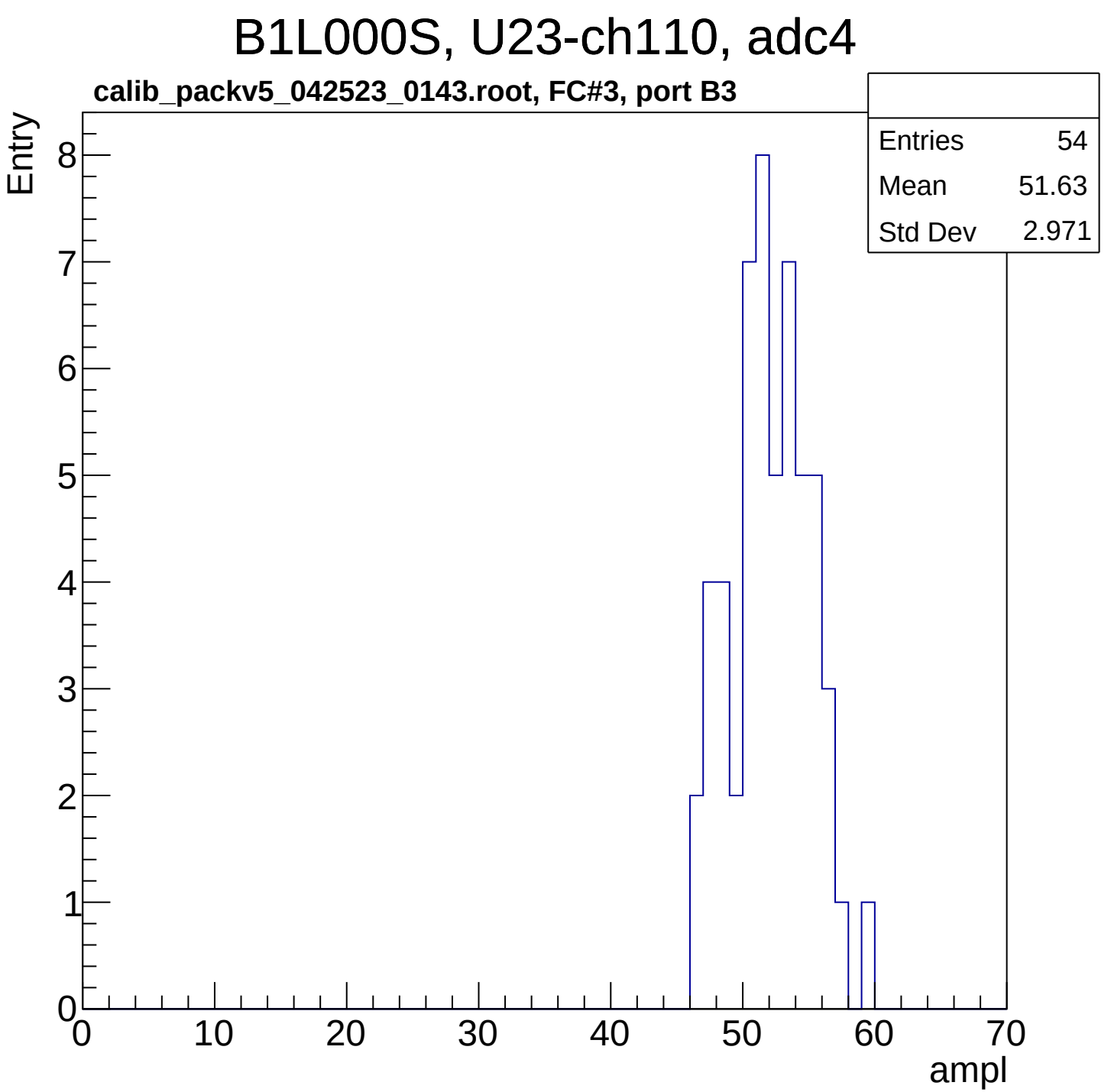
B1L000S, U23-ch110, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 51.63
Std Dev 2.971
Entry
ampl
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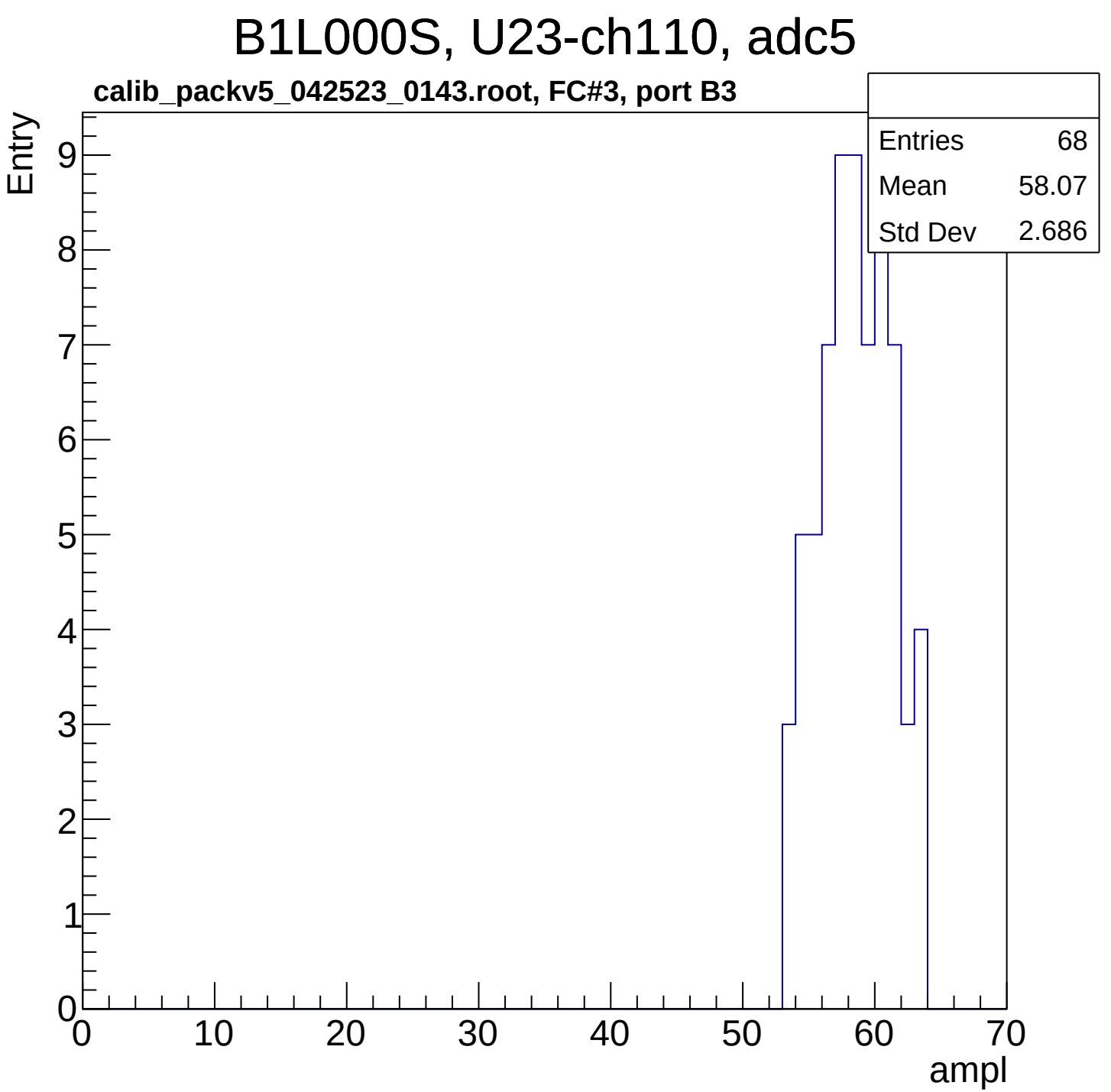
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch110, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 58.07
Std Dev 2.686
Entry
ampl
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6
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8
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0
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60
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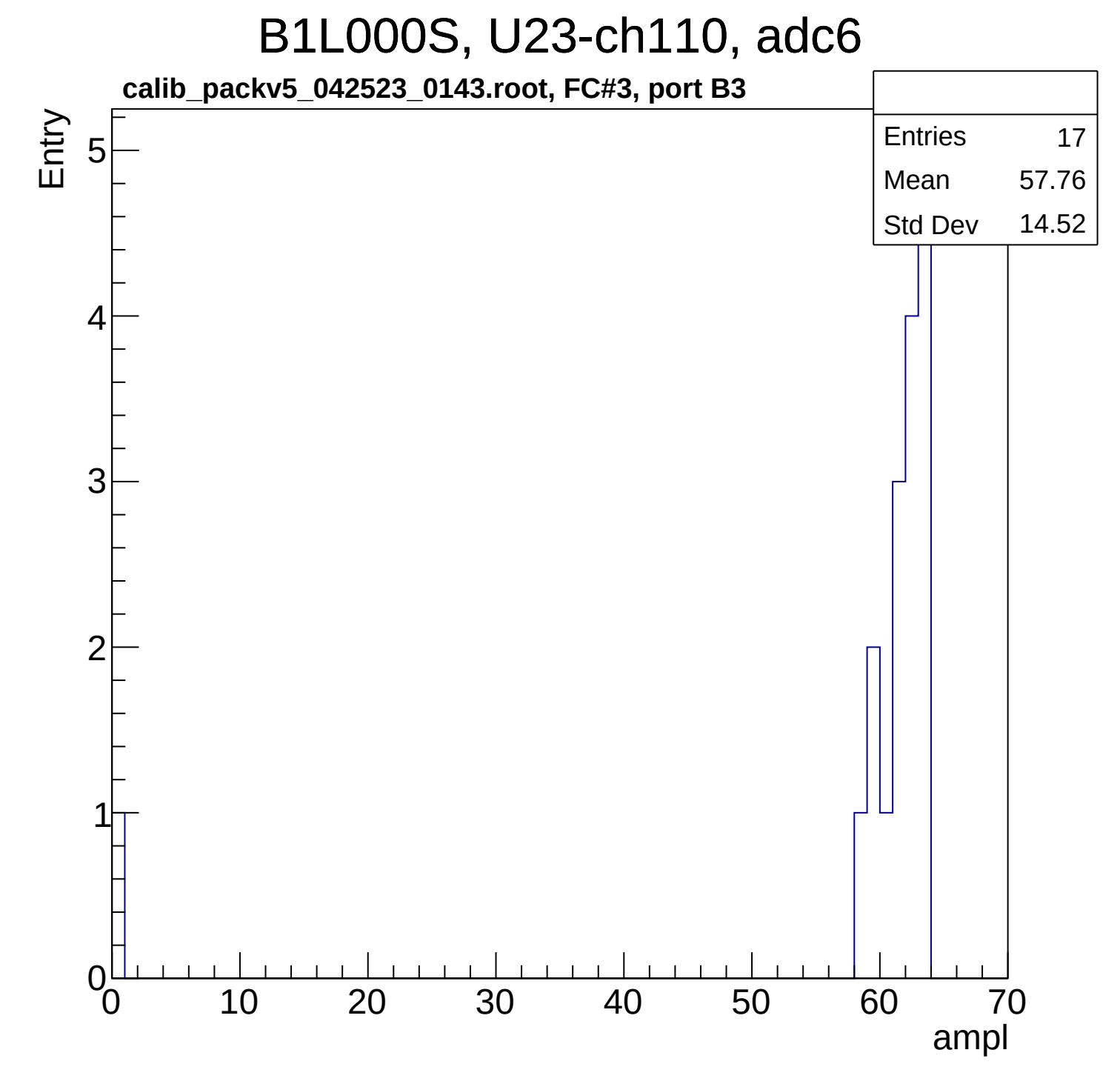
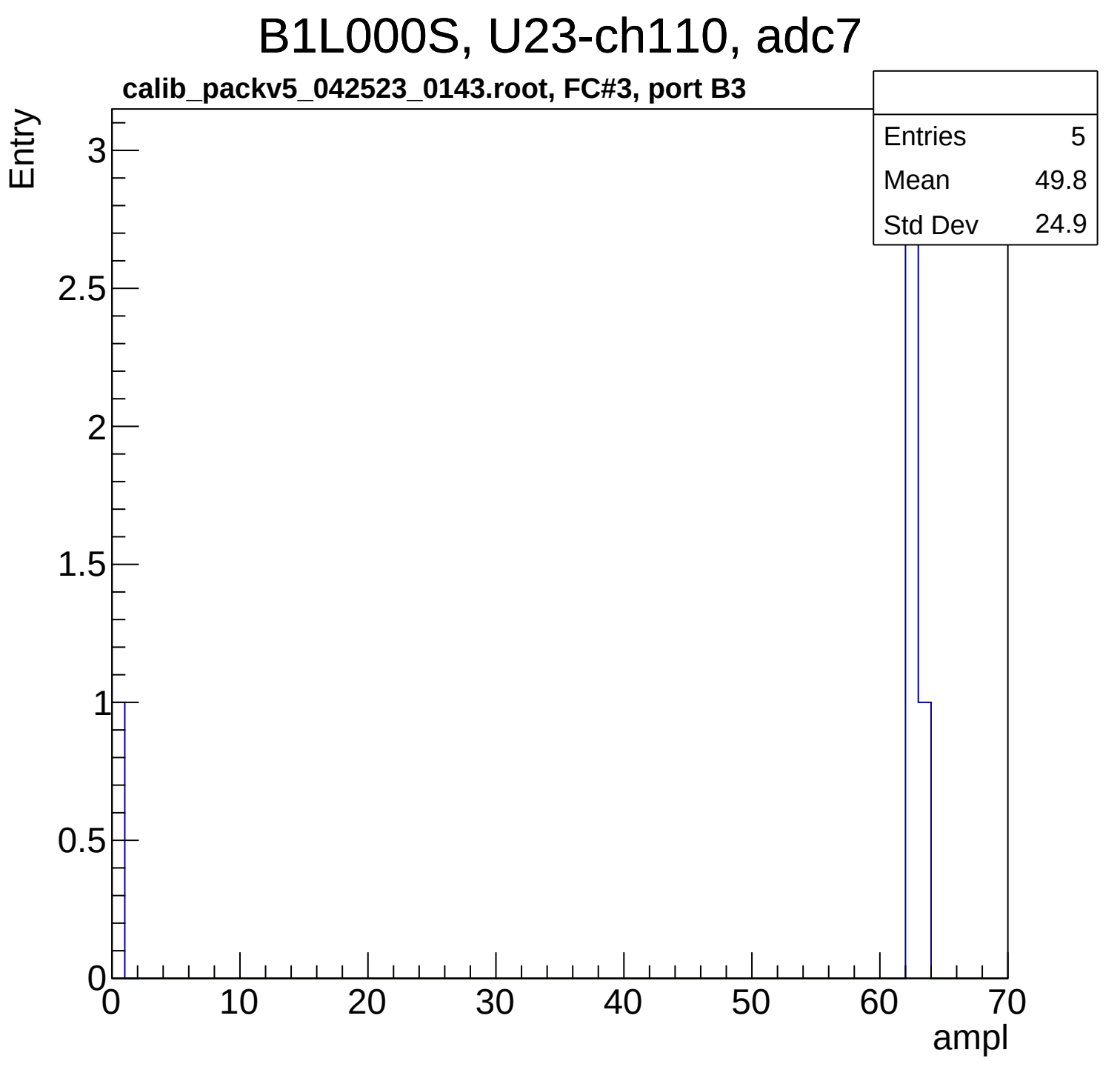

B1L000S, U23-ch110, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.76
Std Dev 14.52
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch110, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 49.8
Std Dev 24.9
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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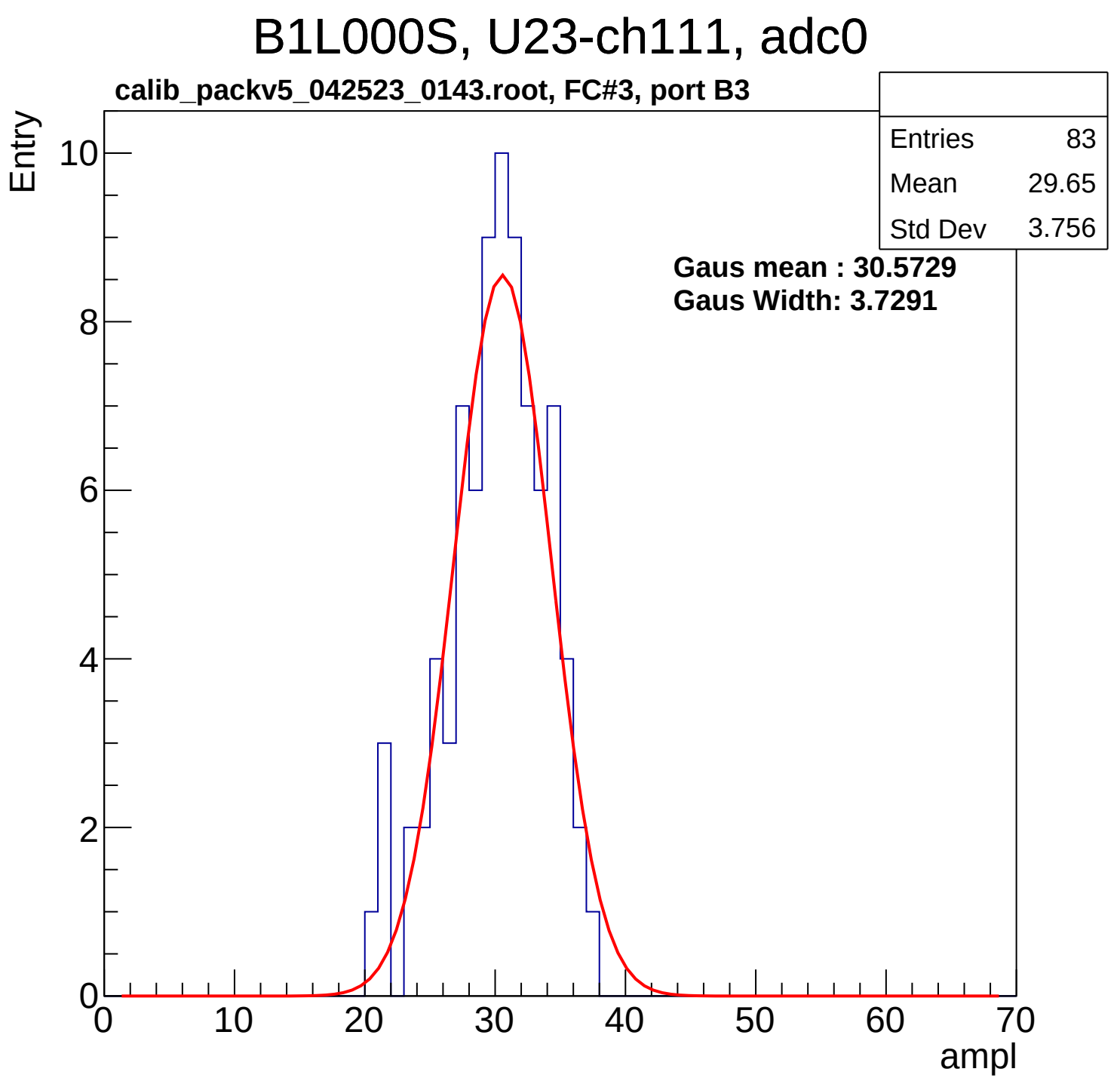
B1L000S, U23-ch111, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 29.65
Std Dev 3.756
Gaus mean : 30.5729
Gaus Width: 3.7291
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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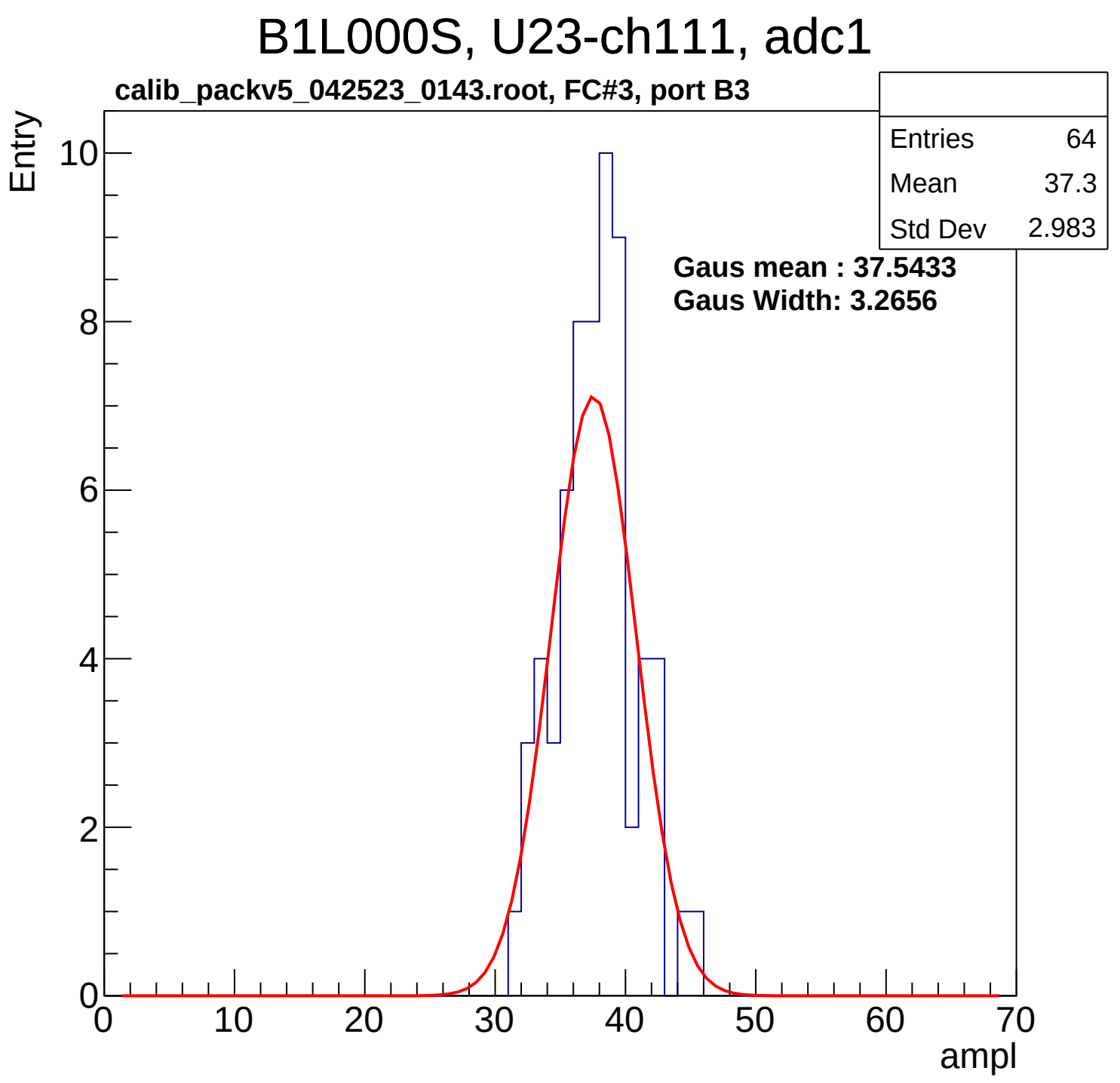
B1L000S, U23-ch111, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 37.3
Std Dev 2.983
Gaus mean : 37.5433
Gaus Width: 3.2656
Entry
ampl
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2
4
6
8
10
0
10
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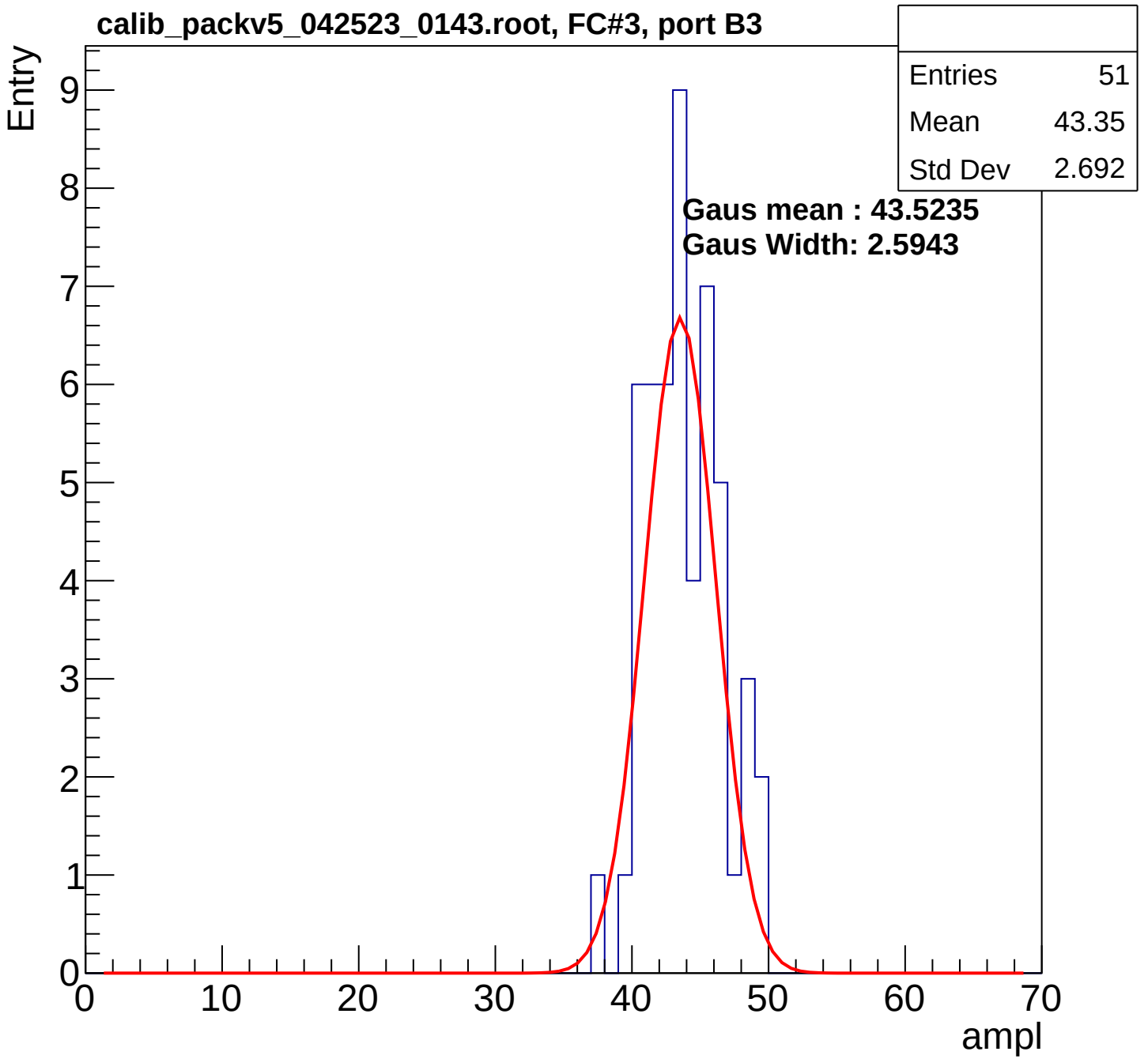
30
40
50
60
70


B1L000S, U23-ch111, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 43.35
Std Dev 2.692
Gaus mean : 43.5235
Gaus Width: 2.5943
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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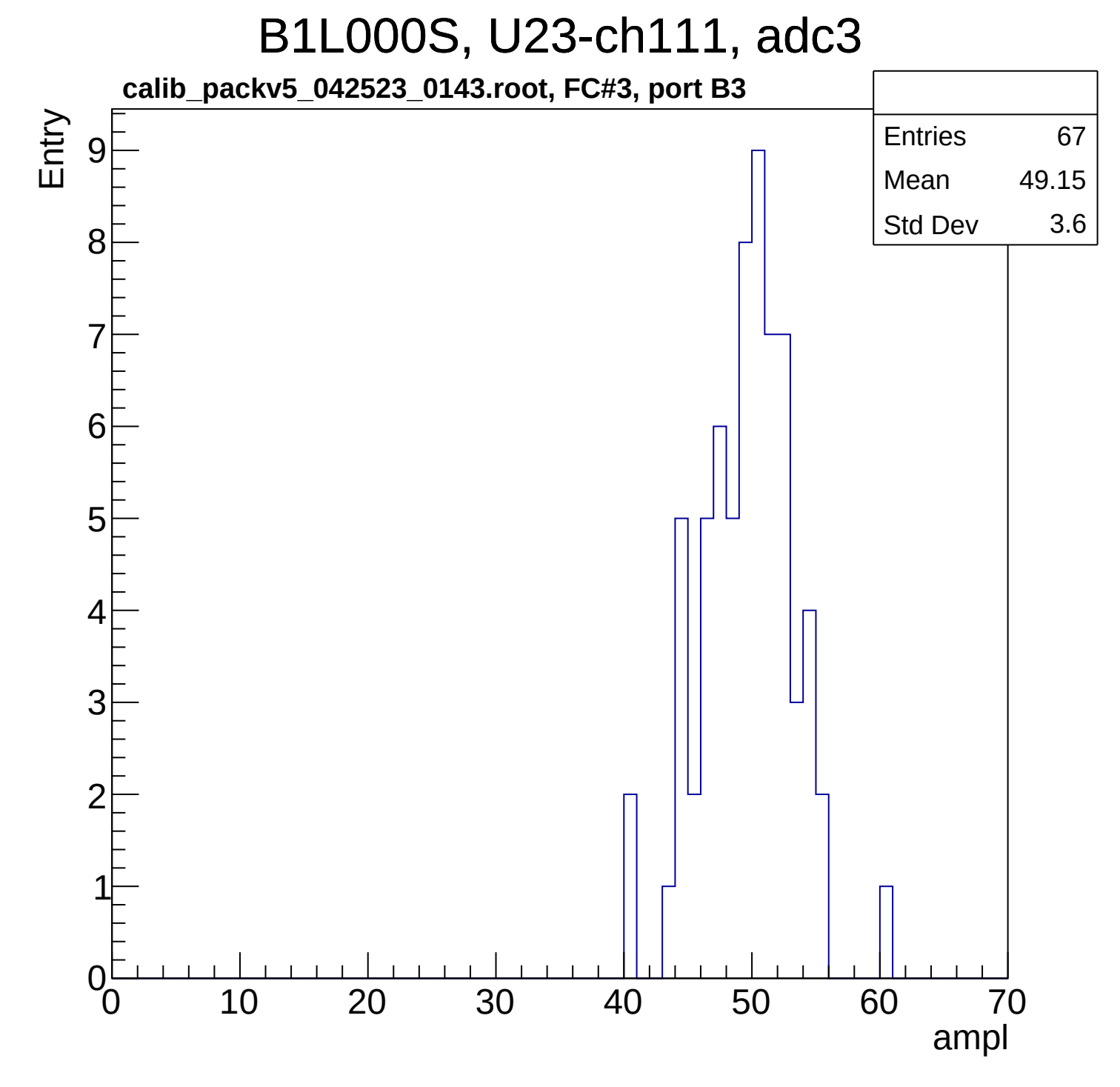
B1L000S, U23-ch111, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 49.15
Std Dev 3.6
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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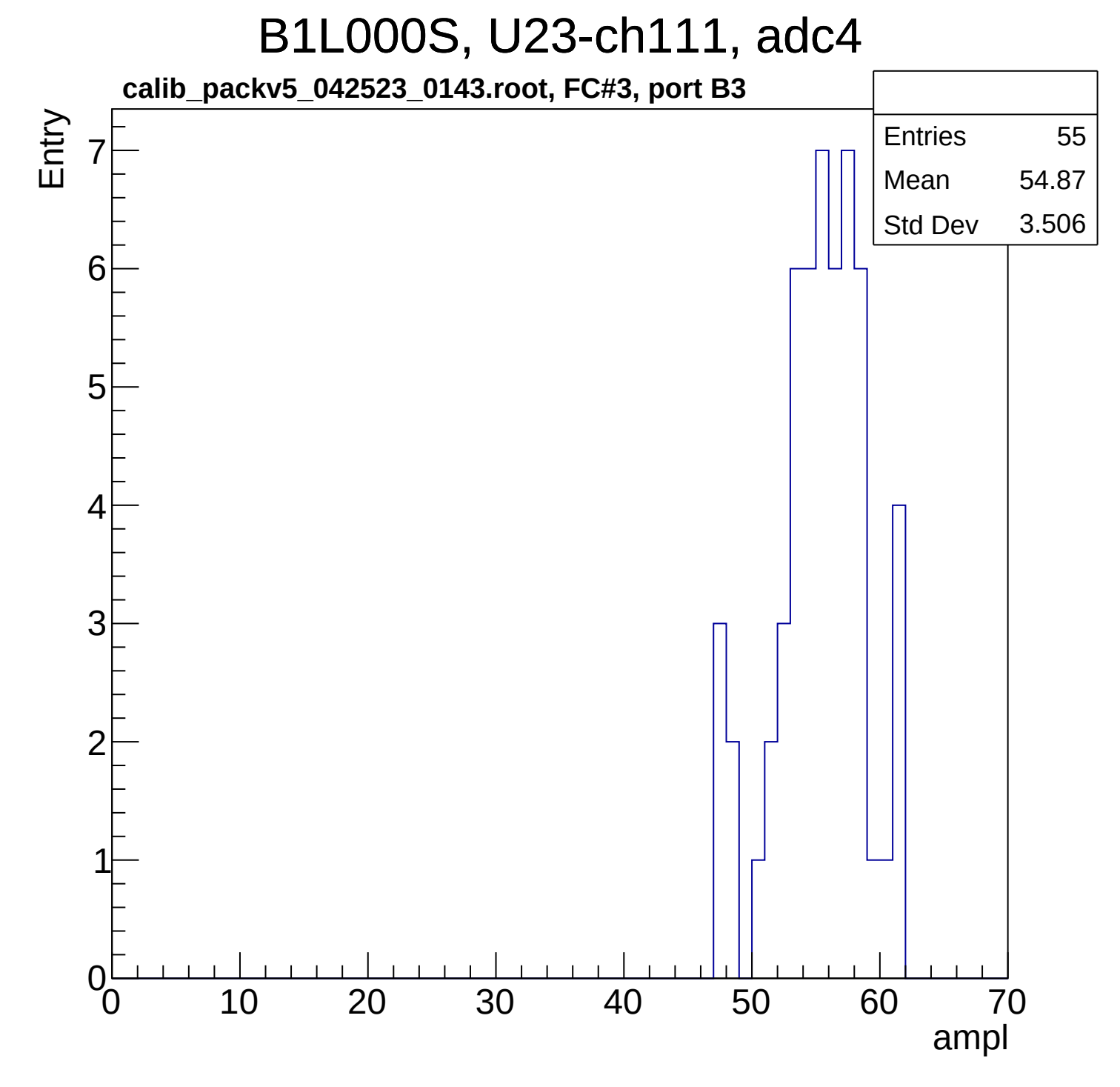
B1L000S, U23-ch111, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54.87
Std Dev 3.506
Entry
ampl
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5
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60
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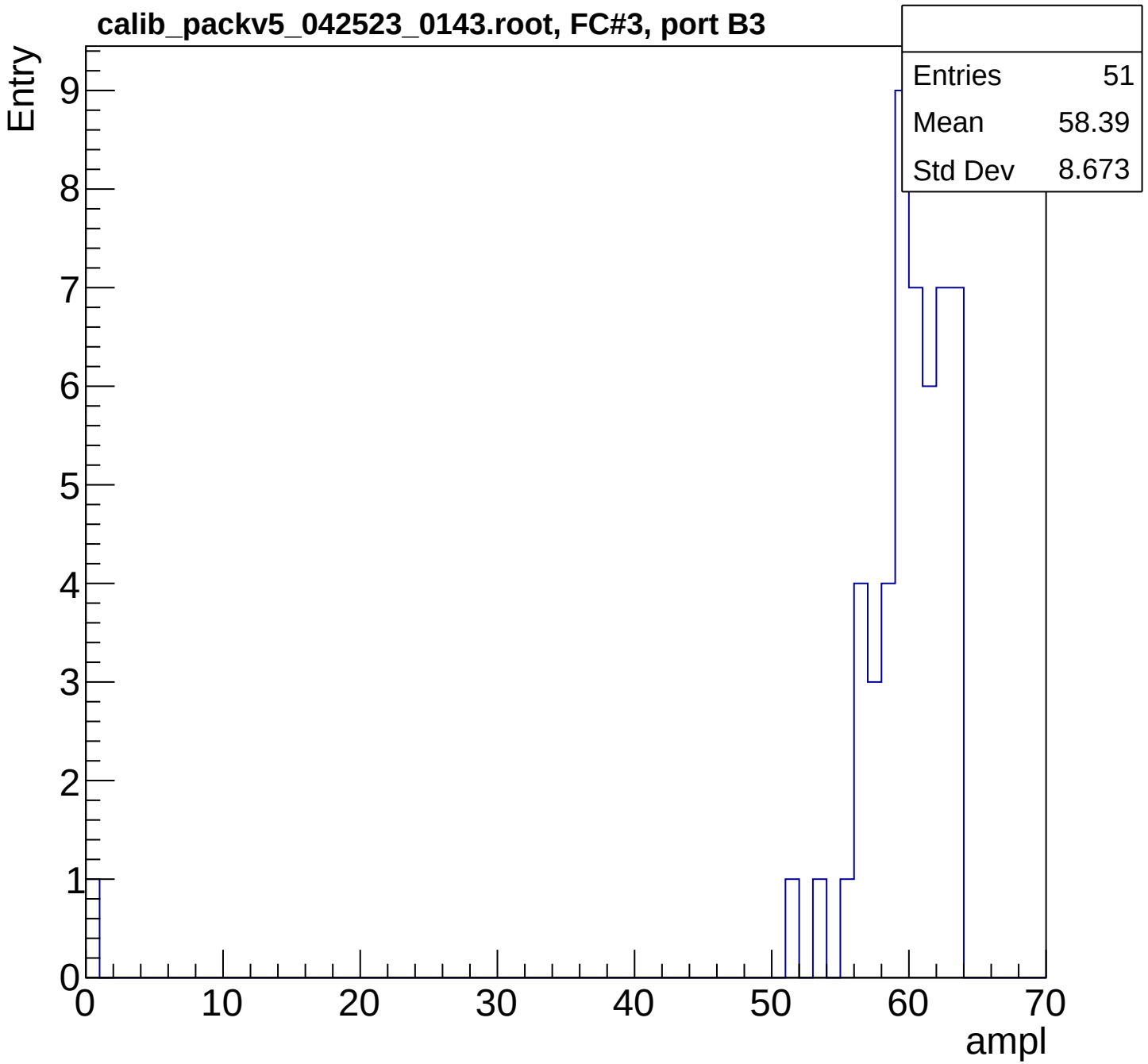
B1L000S, U23-ch111, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.39
Std Dev 8.673
Entry
ampl
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3
4
5
6
7
8
9
0
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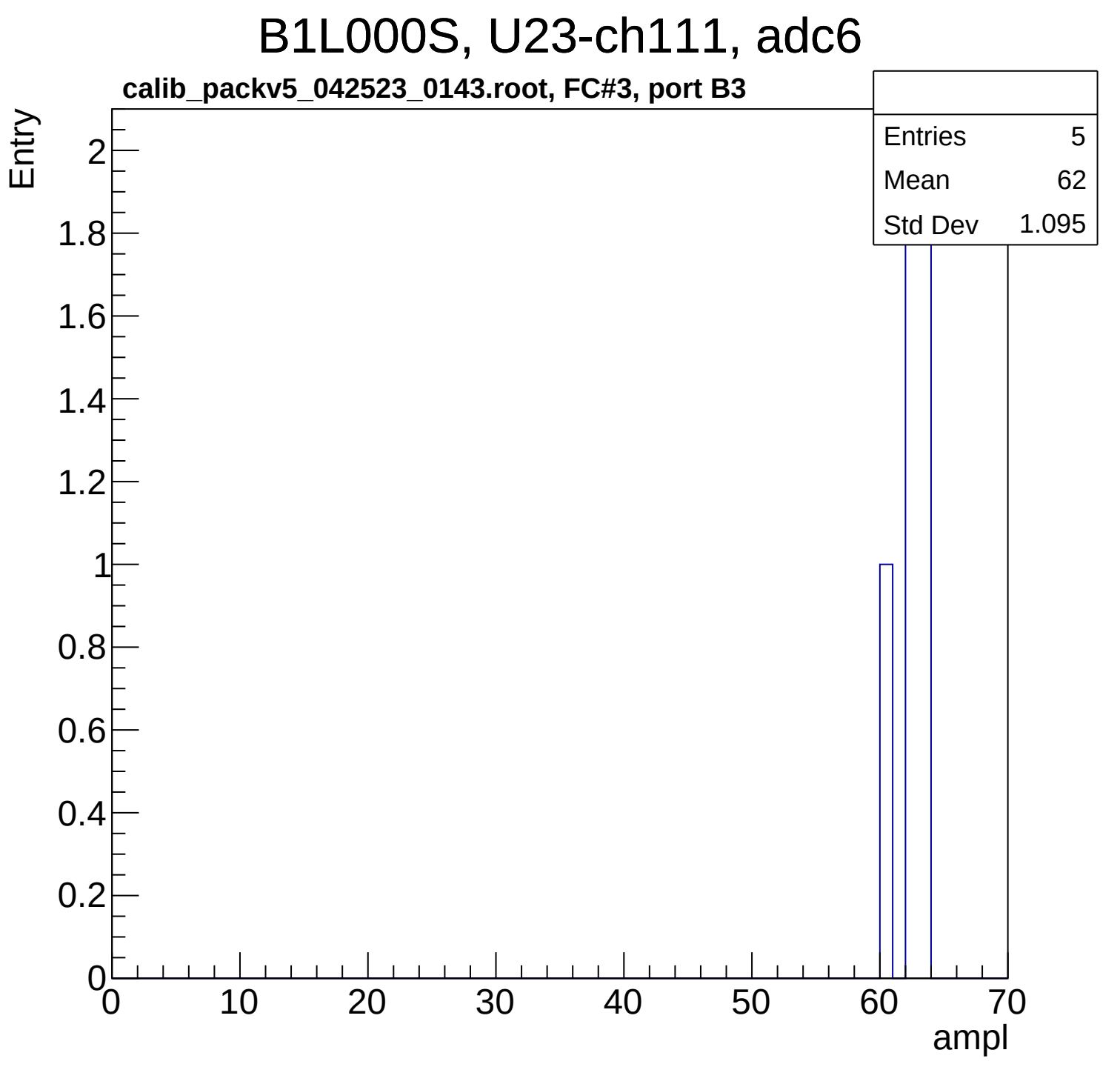
B1L000S, U23-ch111, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62
Std Dev 1.095
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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60
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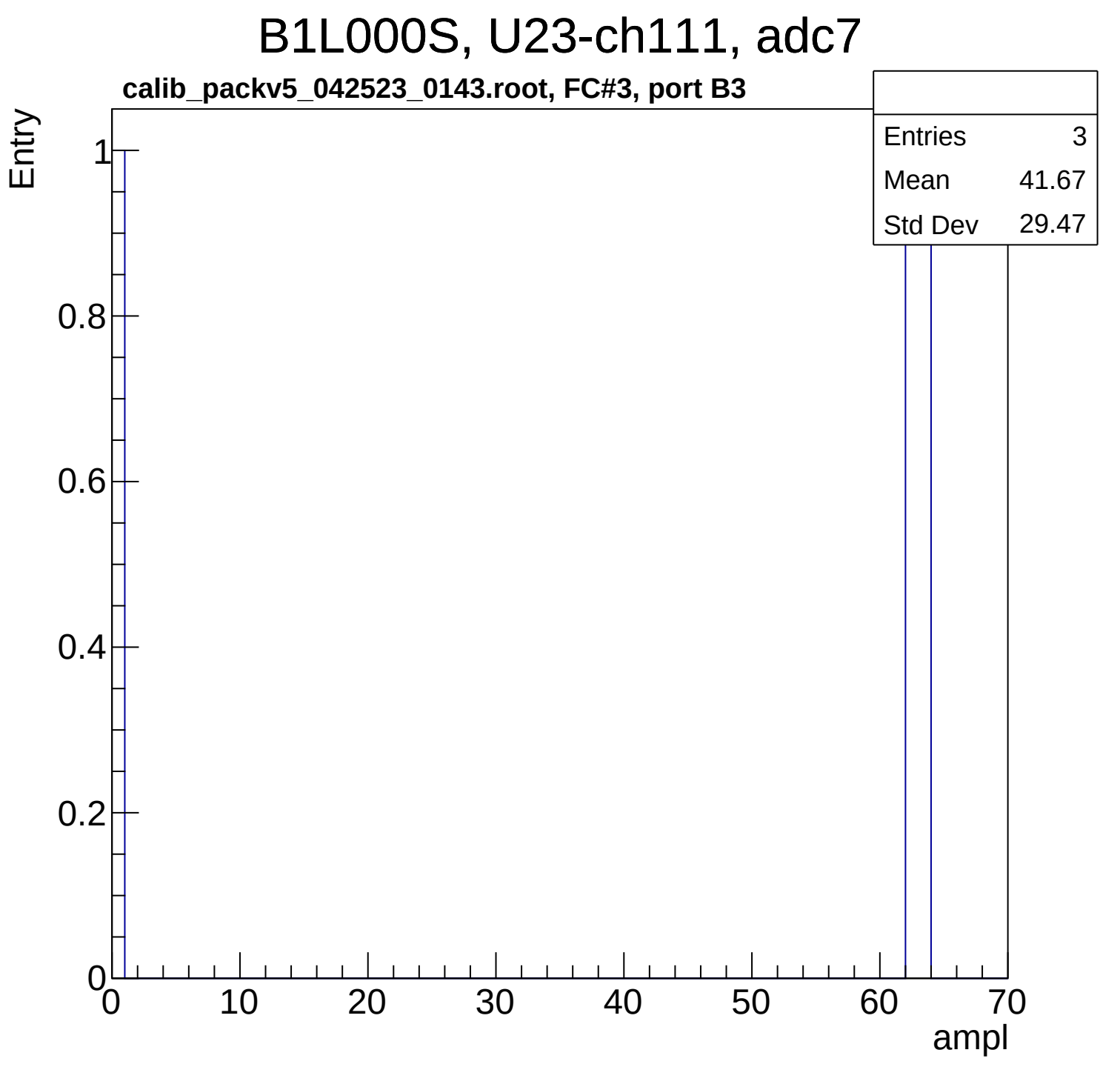
B1L000S, U23-ch111, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 41.67
Std Dev 29.47
Entry
ampl
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0.4
0.6
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1
0
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60
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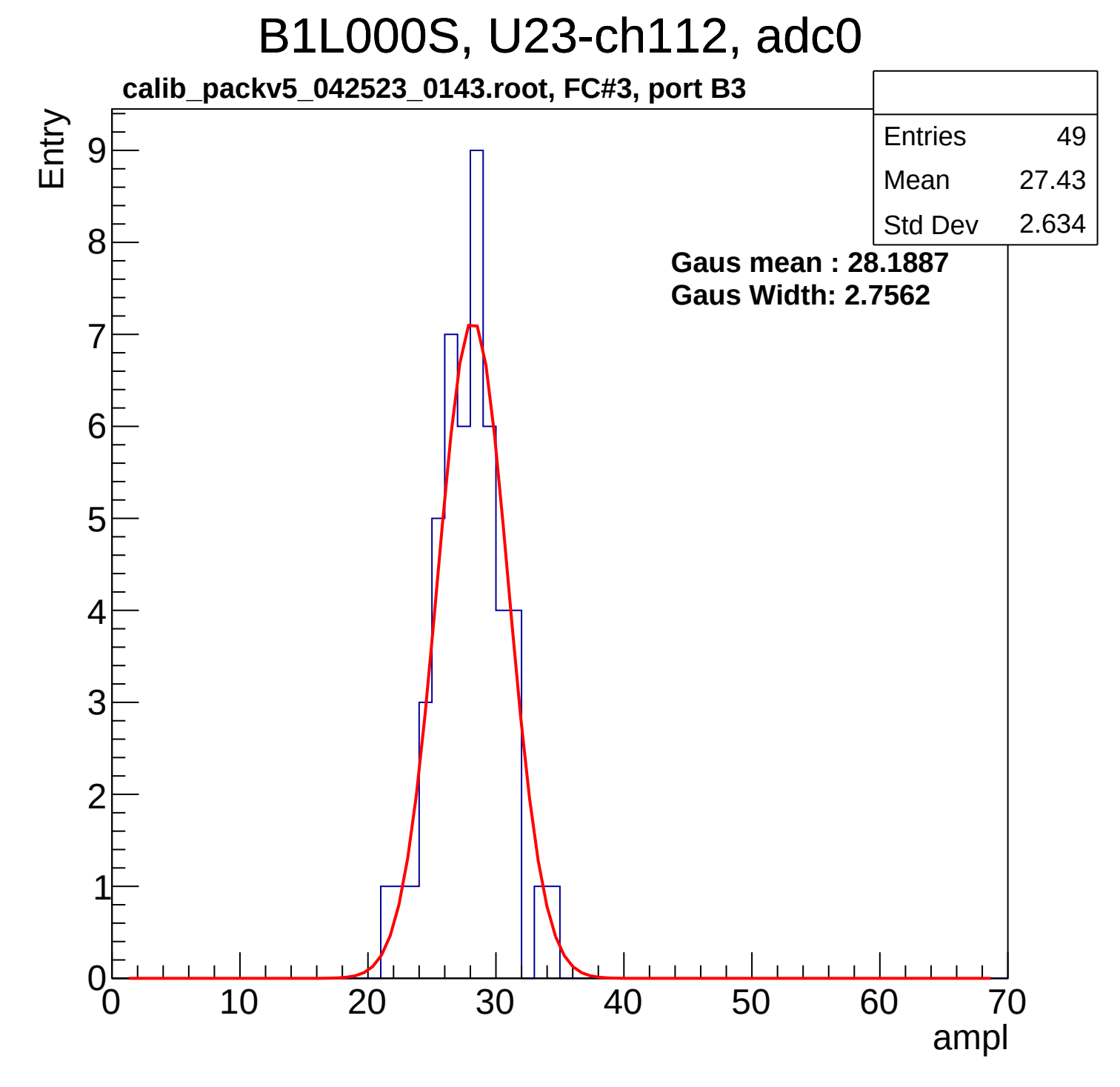
B1L000S, U23-ch112, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 27.43
Std Dev 2.634
Gaus mean : 28.1887
Gaus Width: 2.7562
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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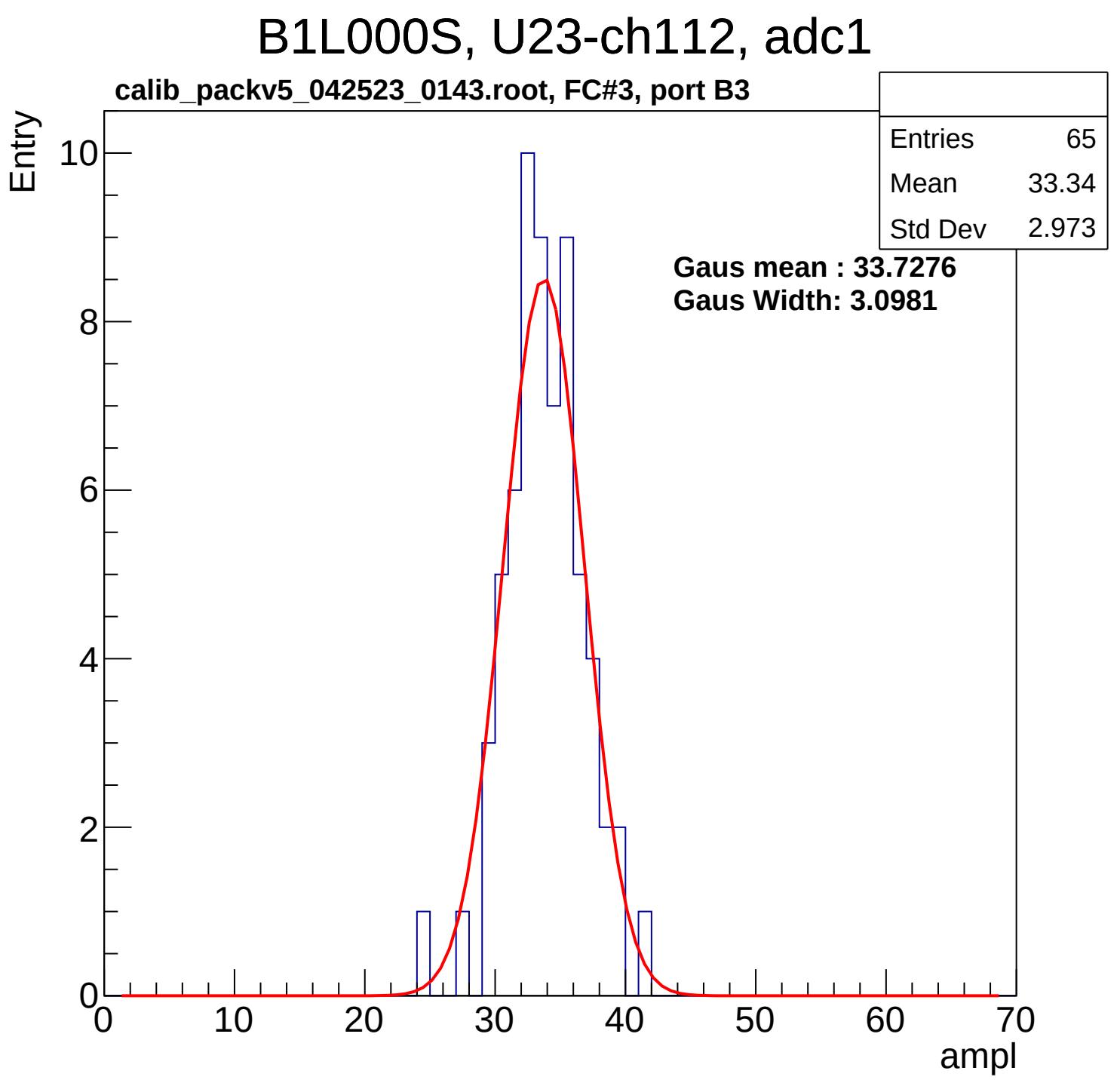
B1L000S, U23-ch112, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 33.34
Std Dev 2.973
Gaus mean : 33.7276
Gaus Width: 3.0981
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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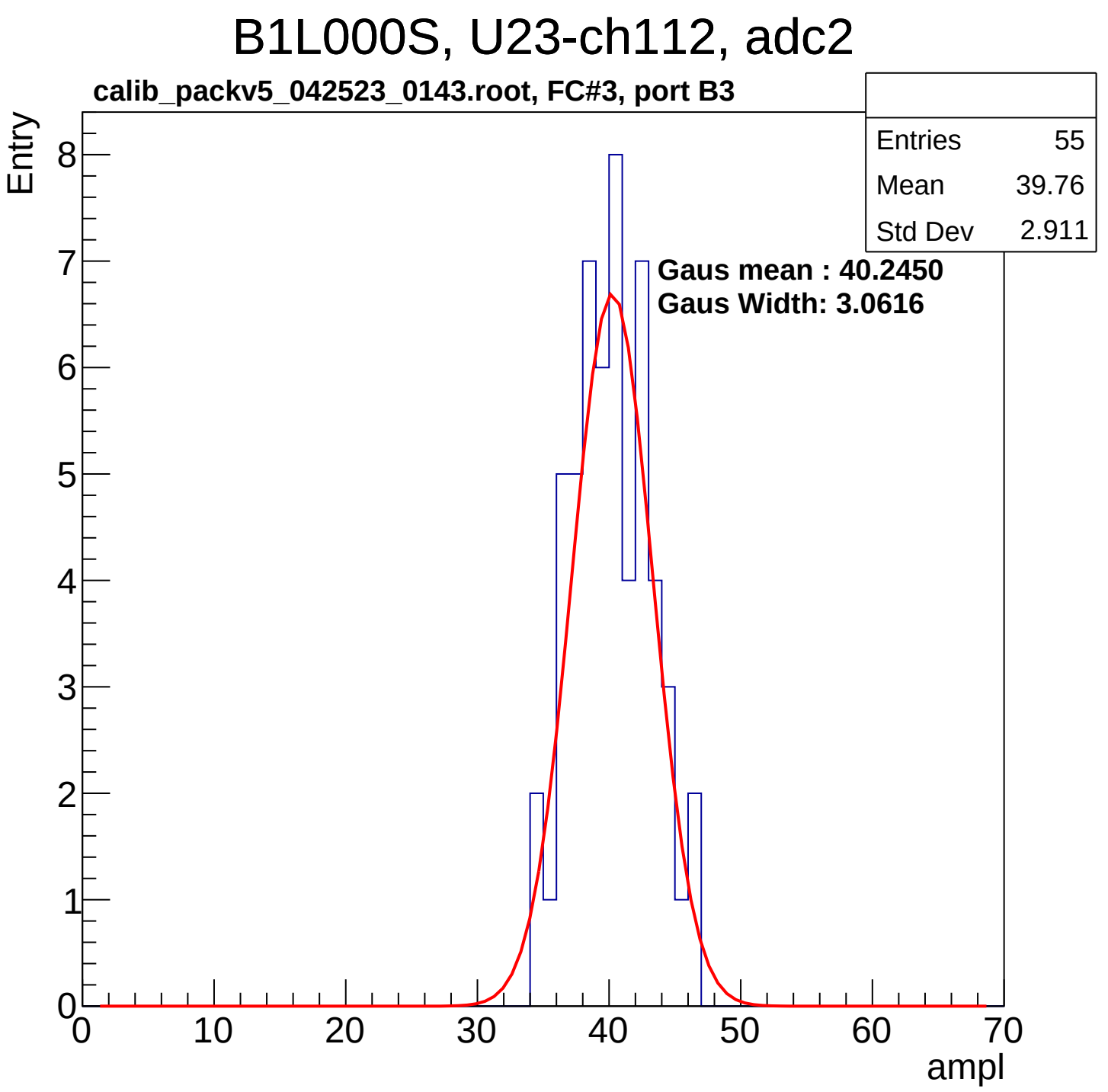
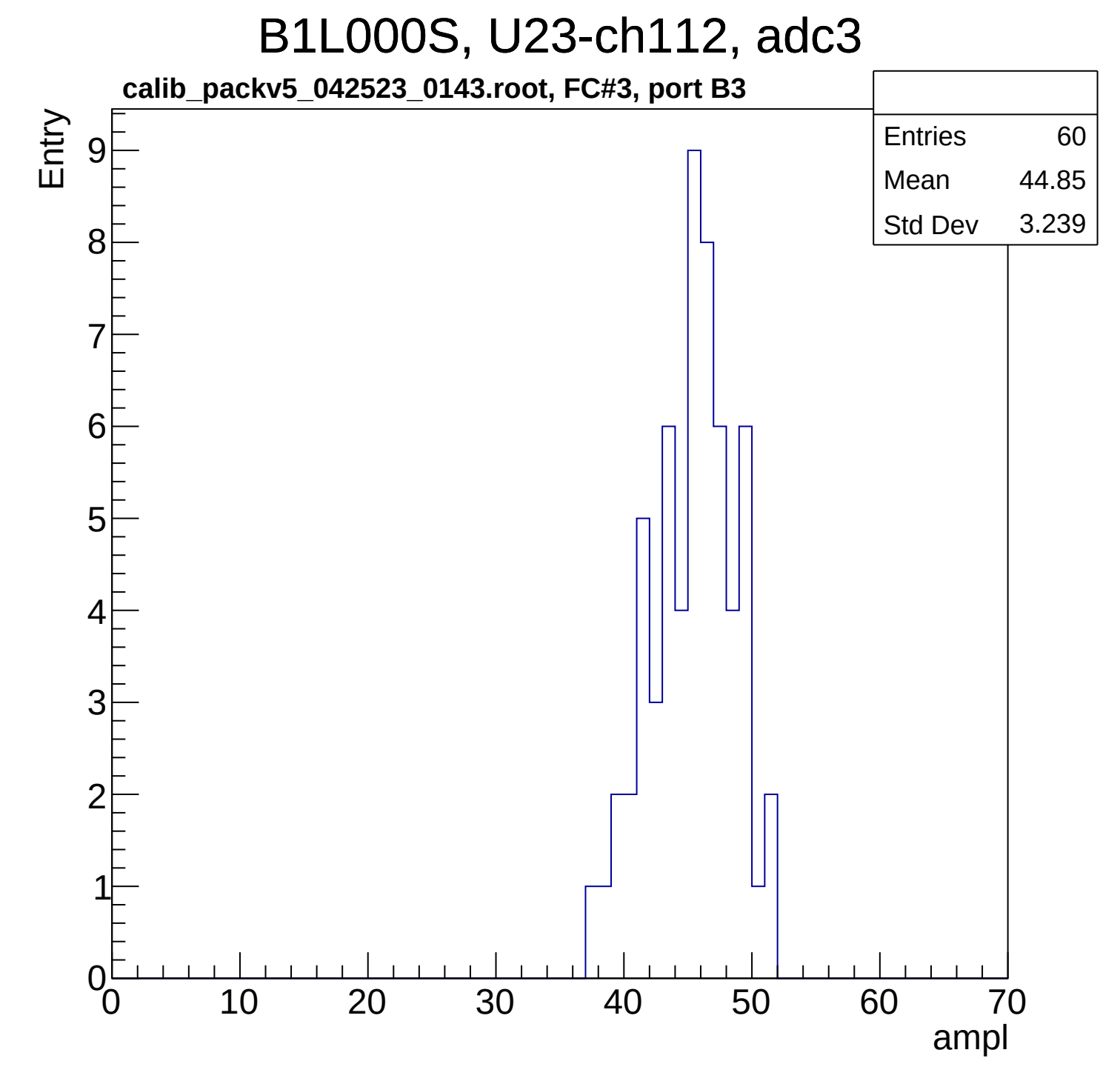

B1L000S, U23-ch112, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 39.76
Std Dev 2.911
Gaus mean : 40.2450
Gaus Width: 3.0616
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch112, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 44.85
Std Dev 3.239
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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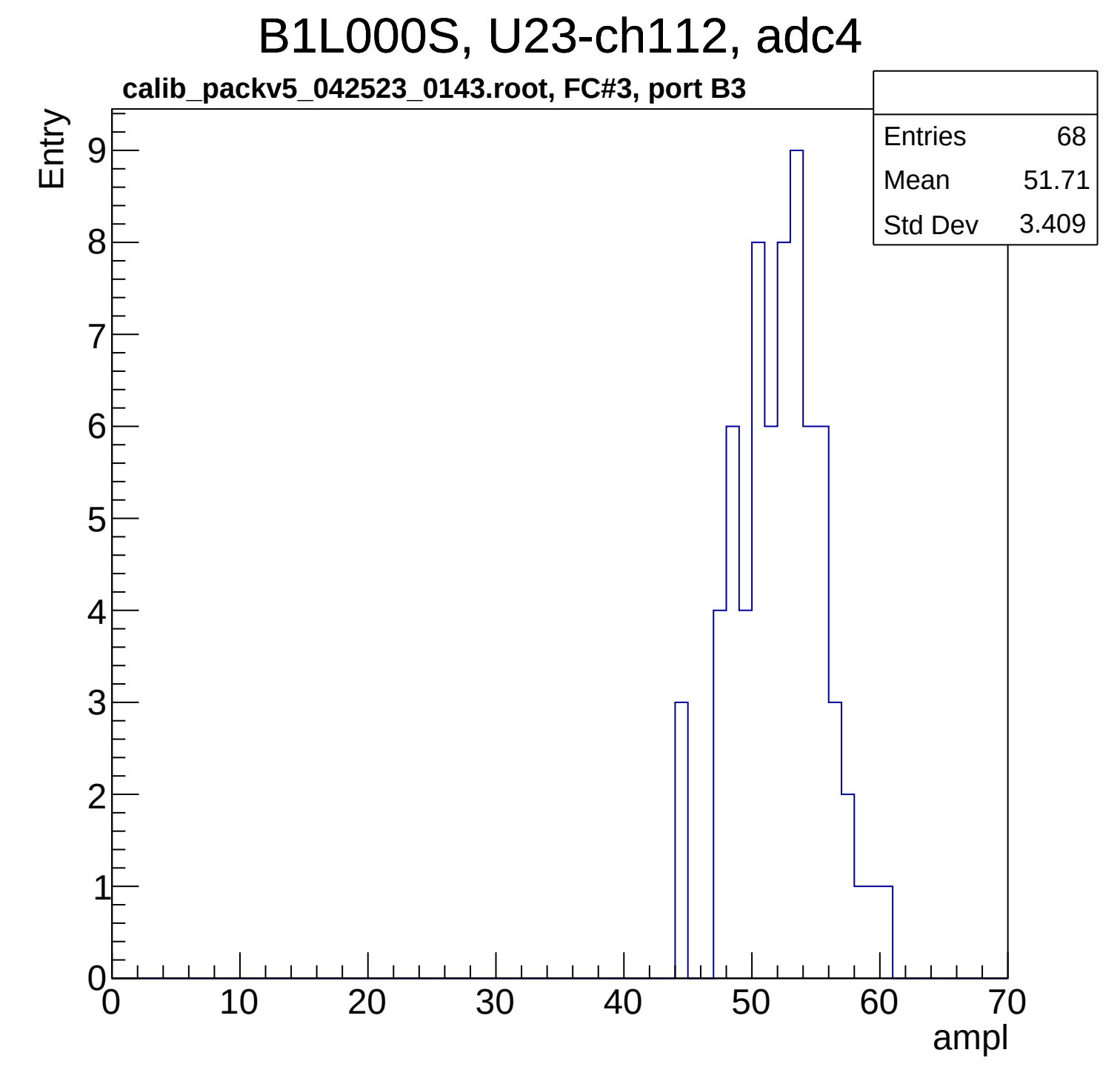
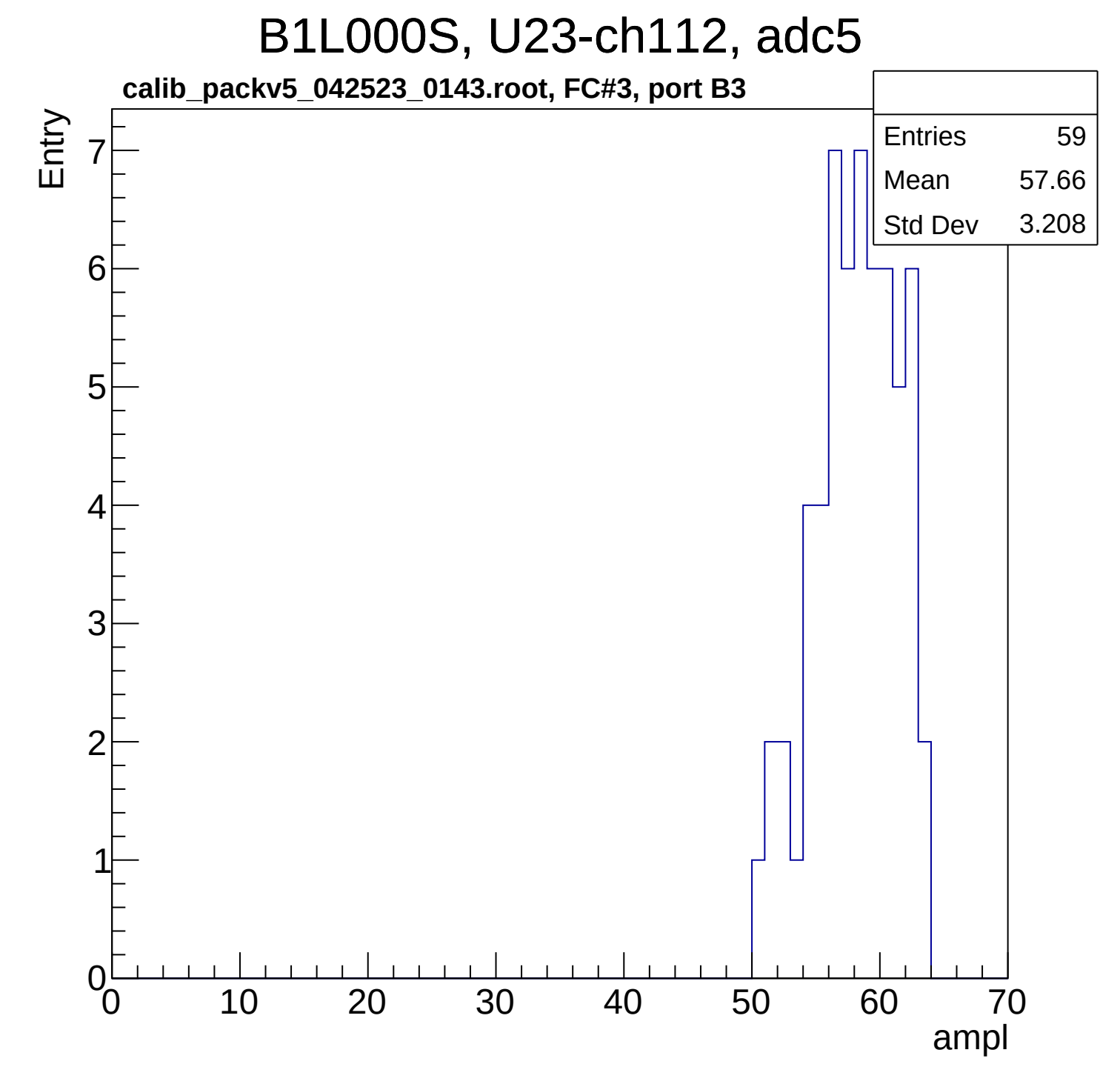

B1L000S, U23-ch112, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 51.71
Std Dev 3.409
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch112, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 57.66
Std Dev 3.208
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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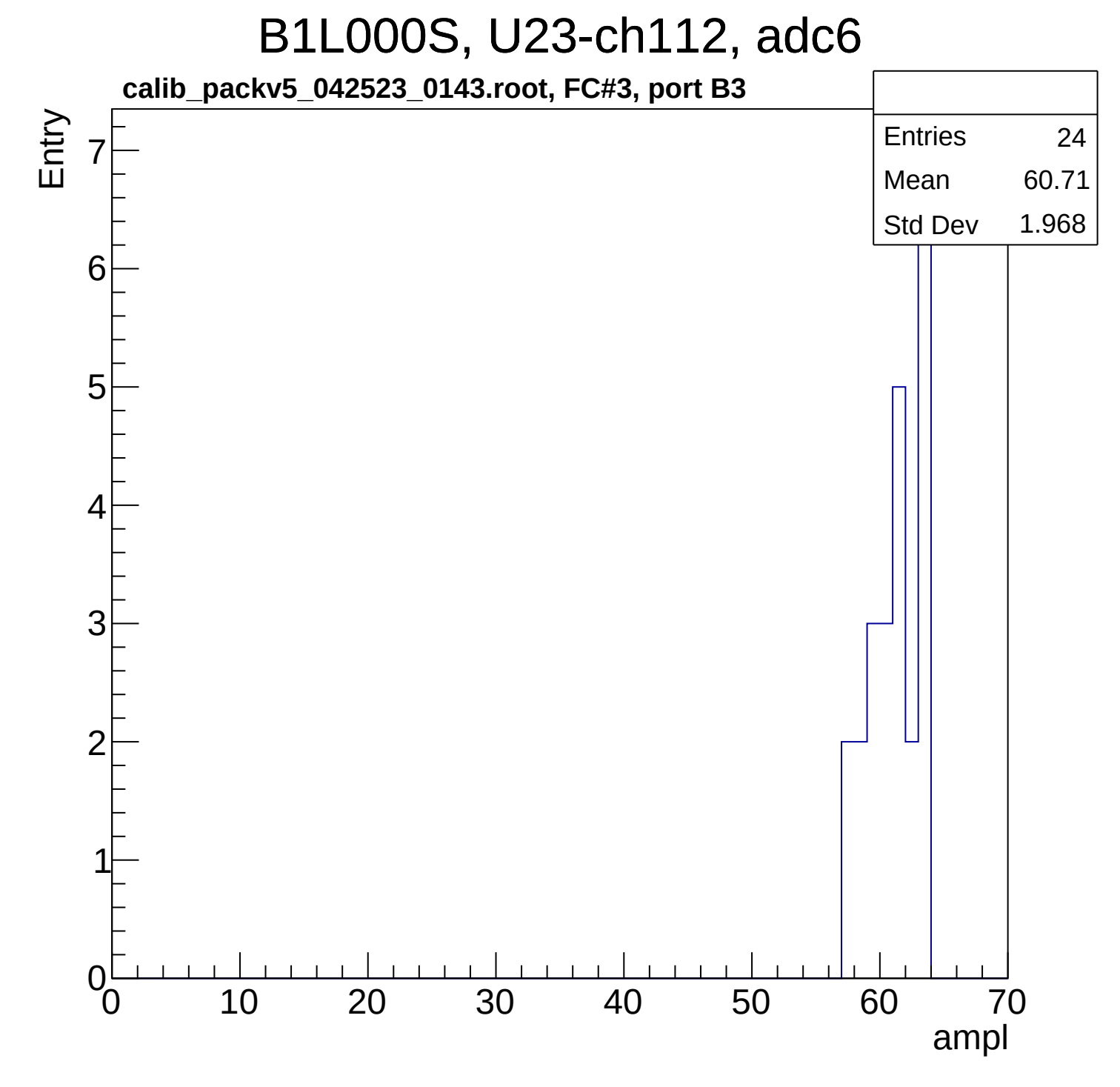
B1L000S, U23-ch112, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 60.71
Std Dev 1.968
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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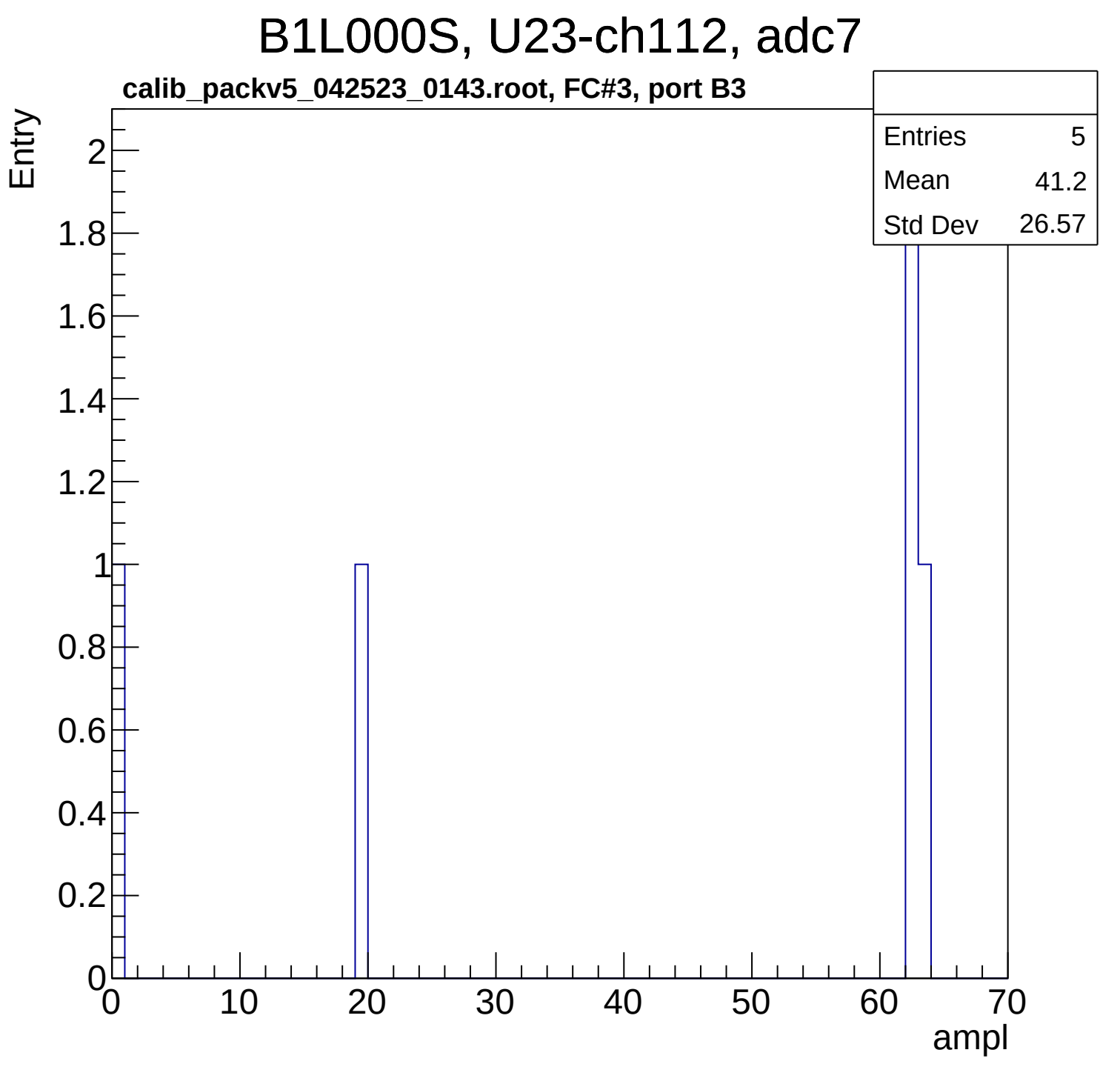
B1L000S, U23-ch112, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 41.2
Std Dev 26.57
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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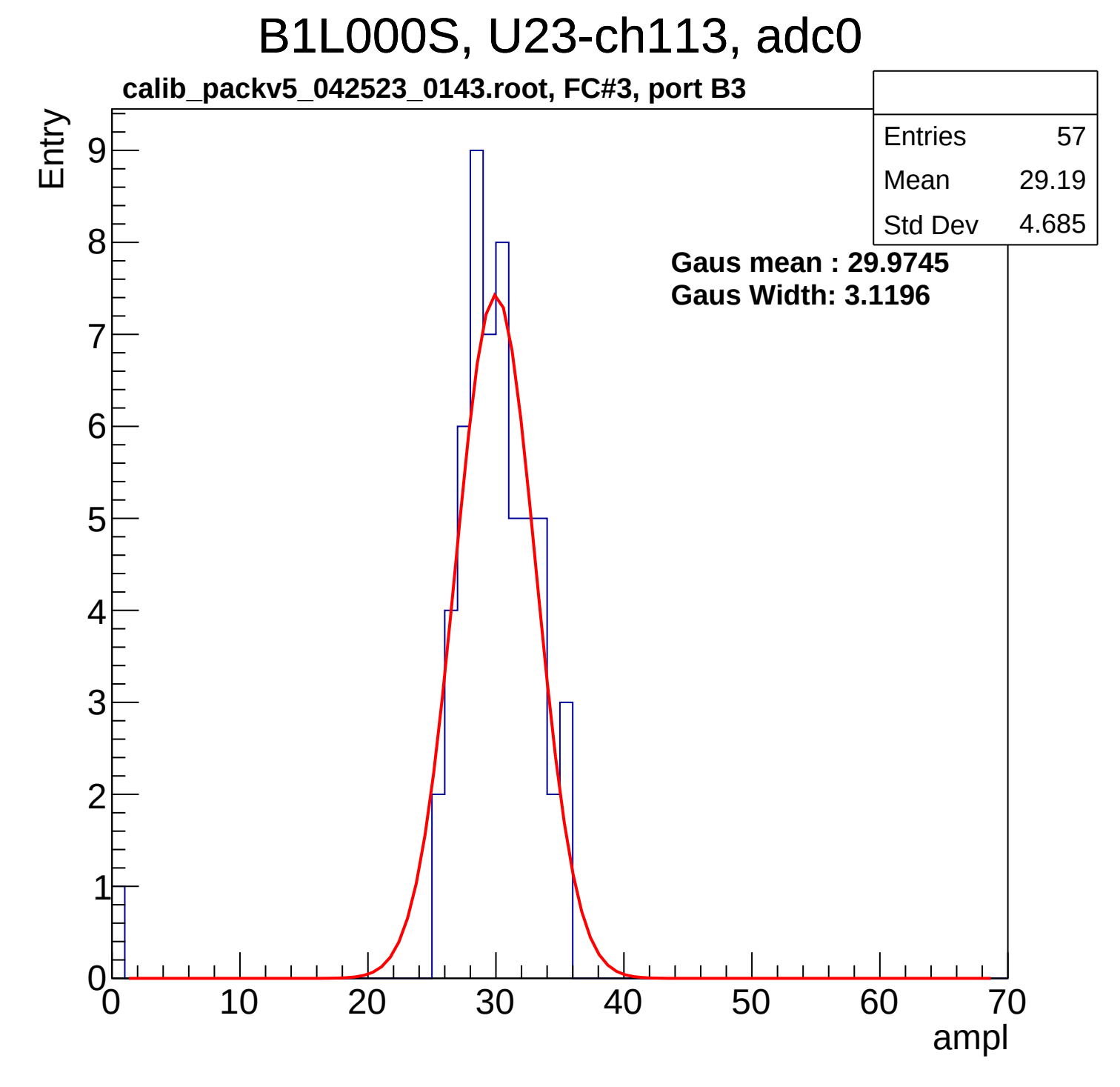
B1L000S, U23-ch113, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 29.19
Std Dev 4.685
Gaus mean : 29.9745
Gaus Width: 3.1196
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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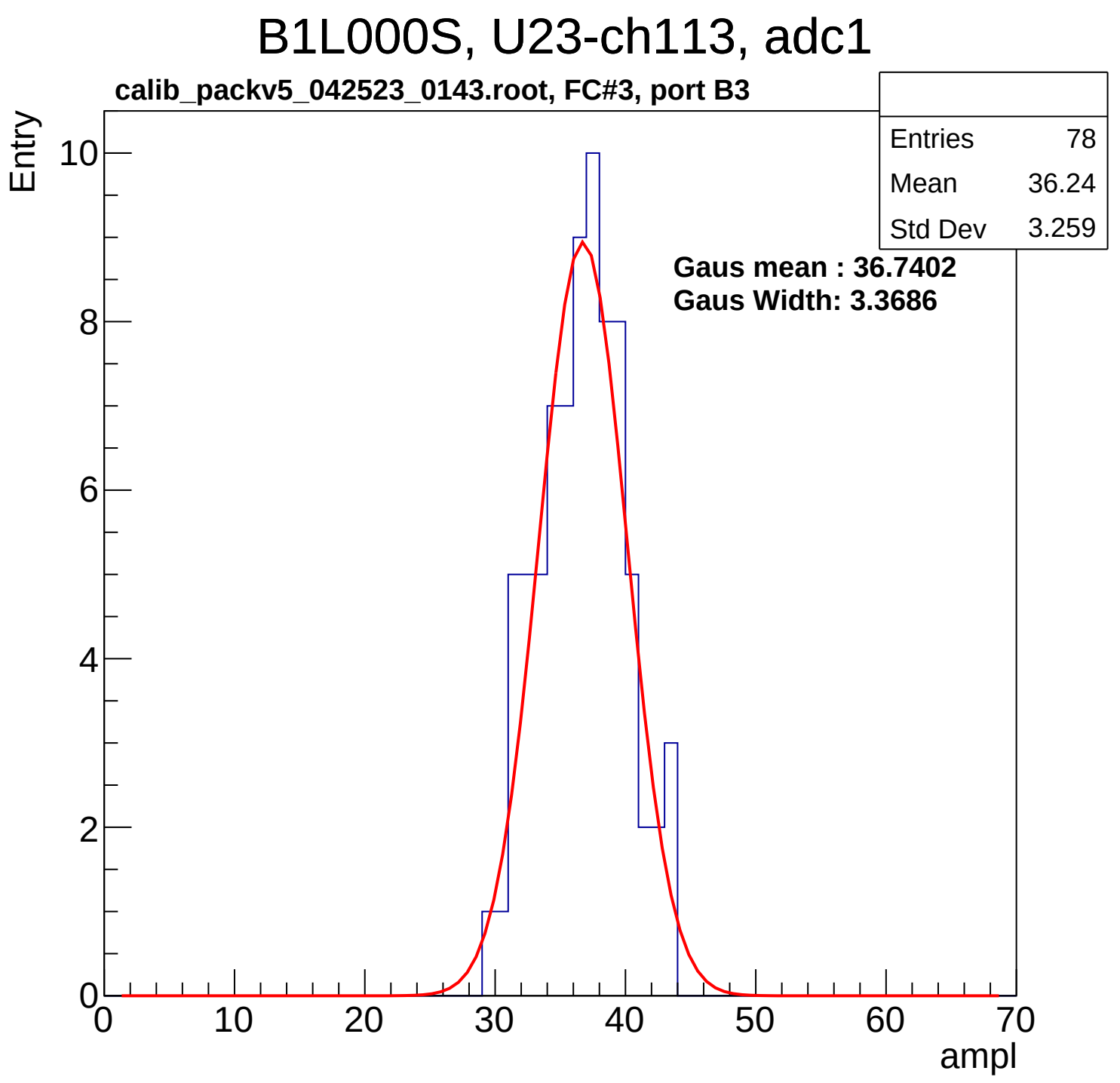
B1L000S, U23-ch113, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 36.24
Std Dev 3.259
Gaus mean : 36.7402
Gaus Width: 3.3686
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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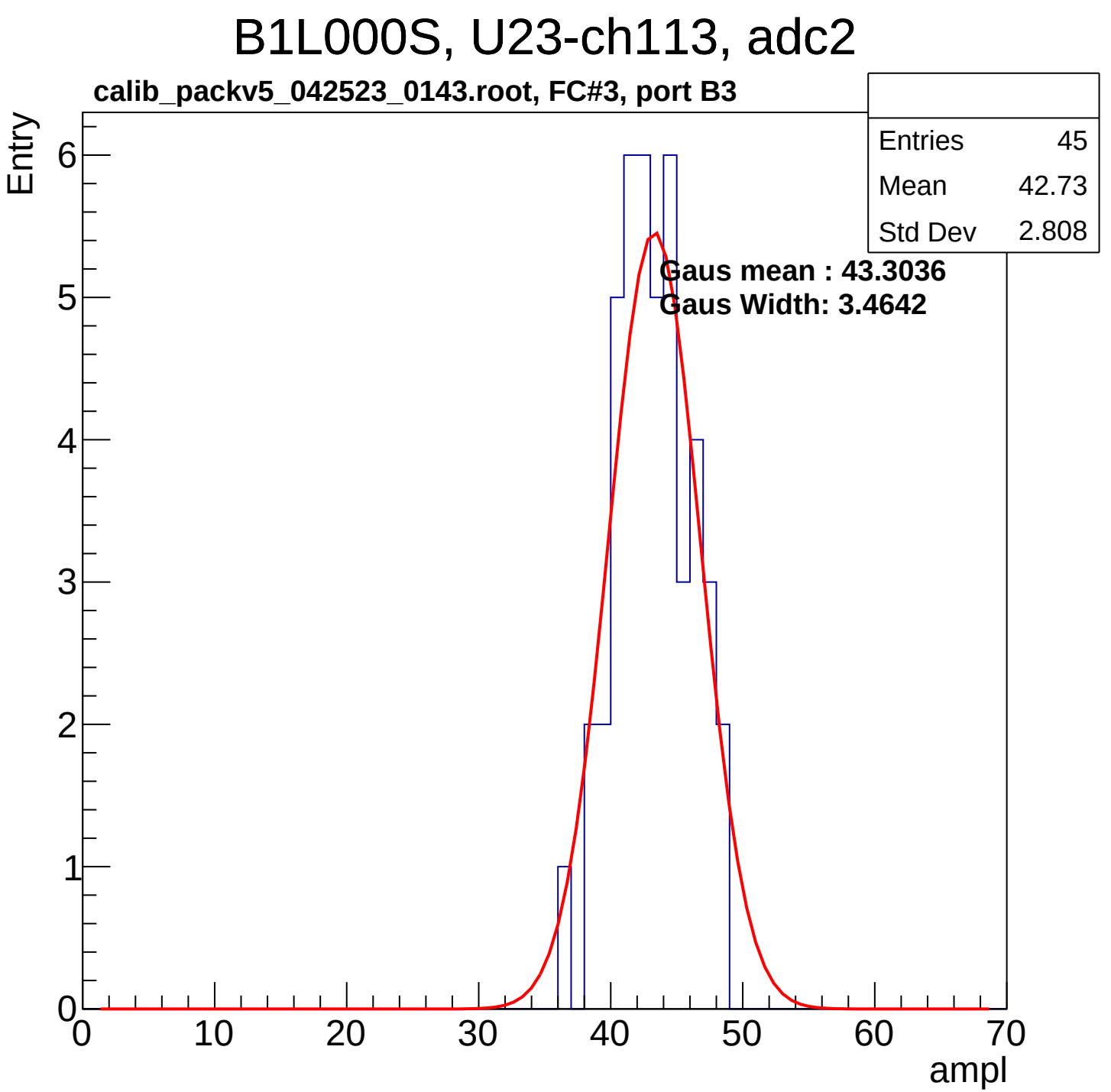
B1L000S, U23-ch113, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 42.73
Std Dev 2.808
Gaus mean : 43.3036
Gaus Width: 3.4642
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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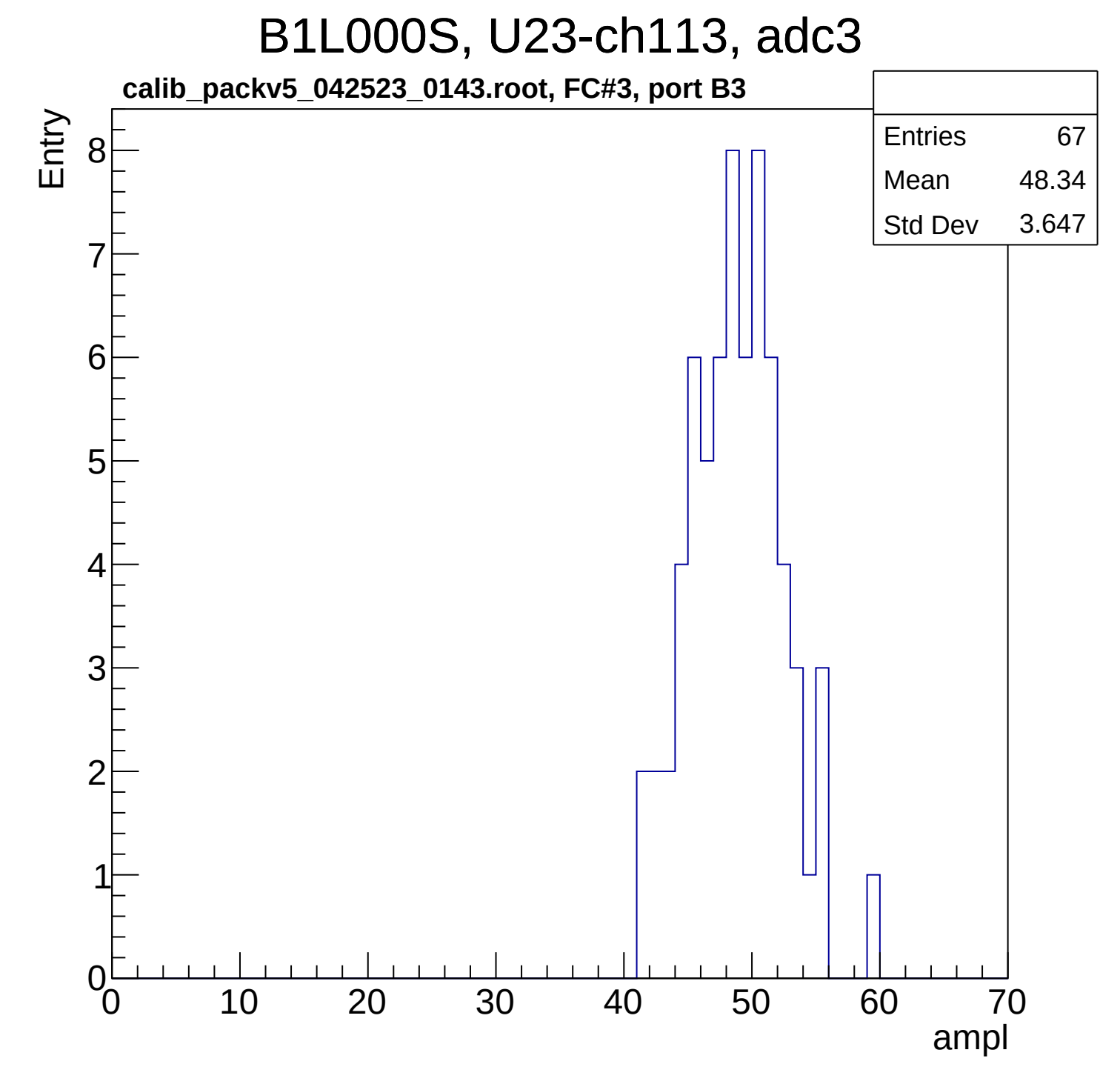
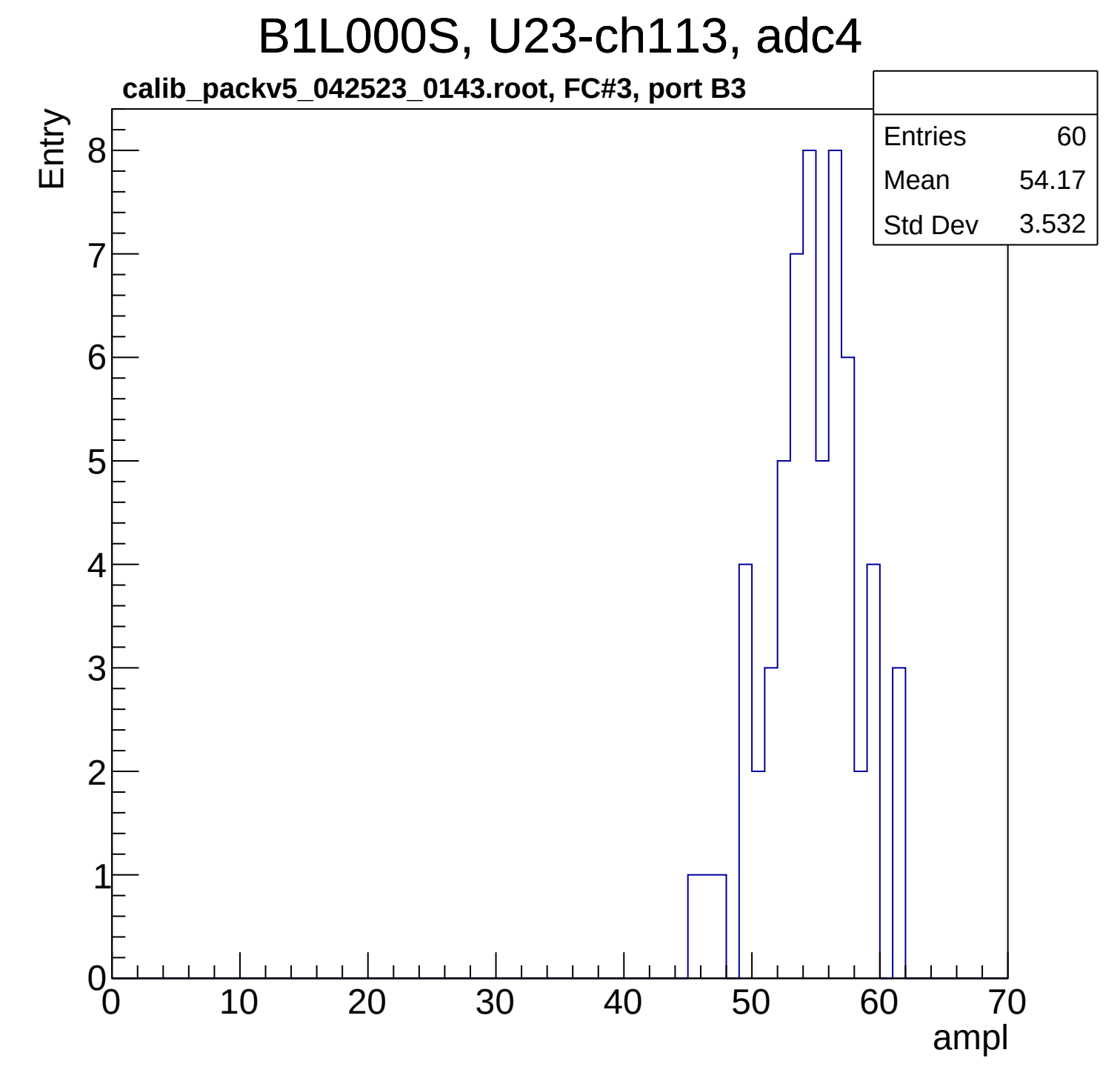

B1L000S, U23-ch113, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 48.34
Std Dev 3.647
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch113, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.17
Std Dev 3.532
Entry
ampl
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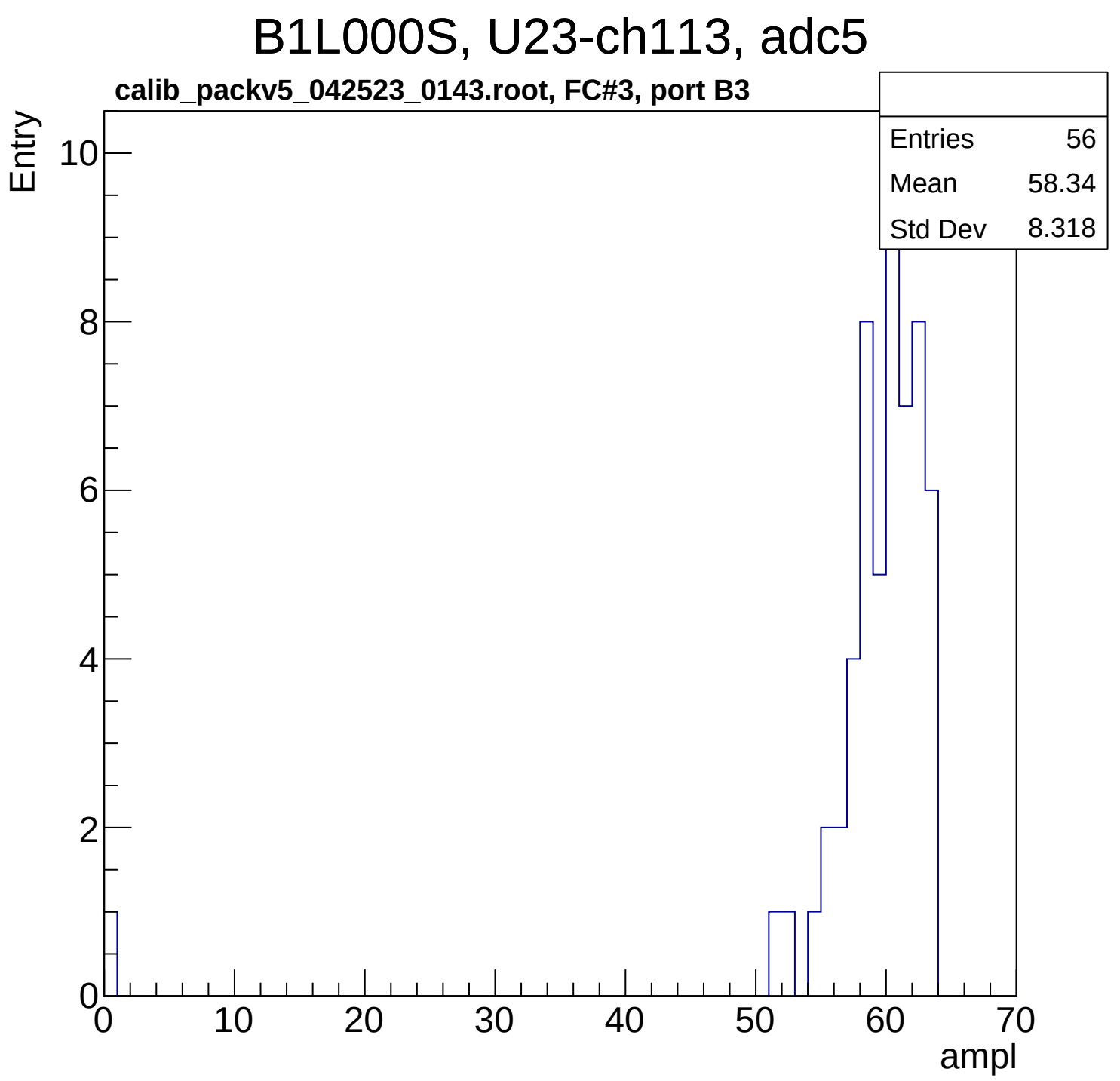
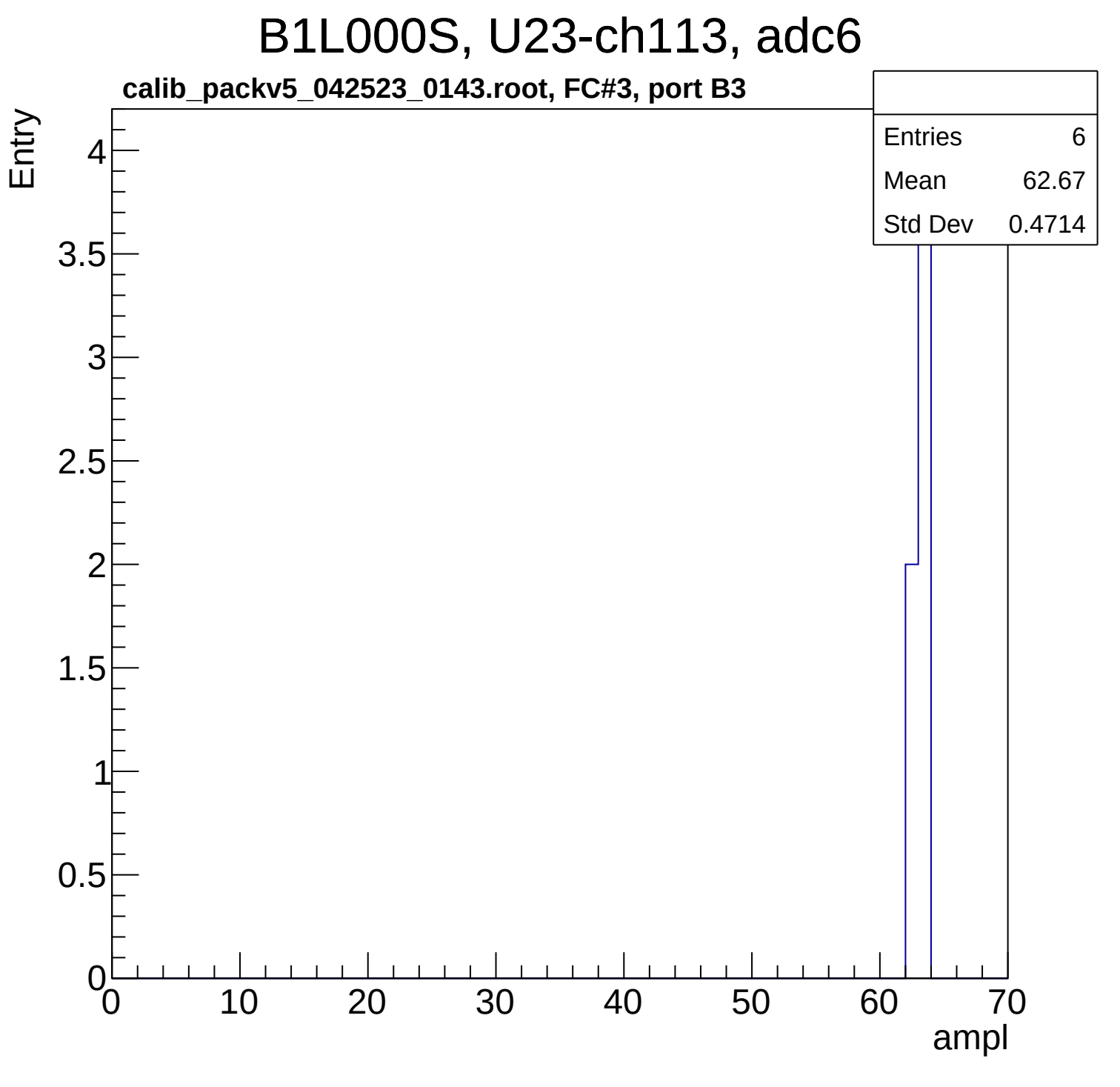
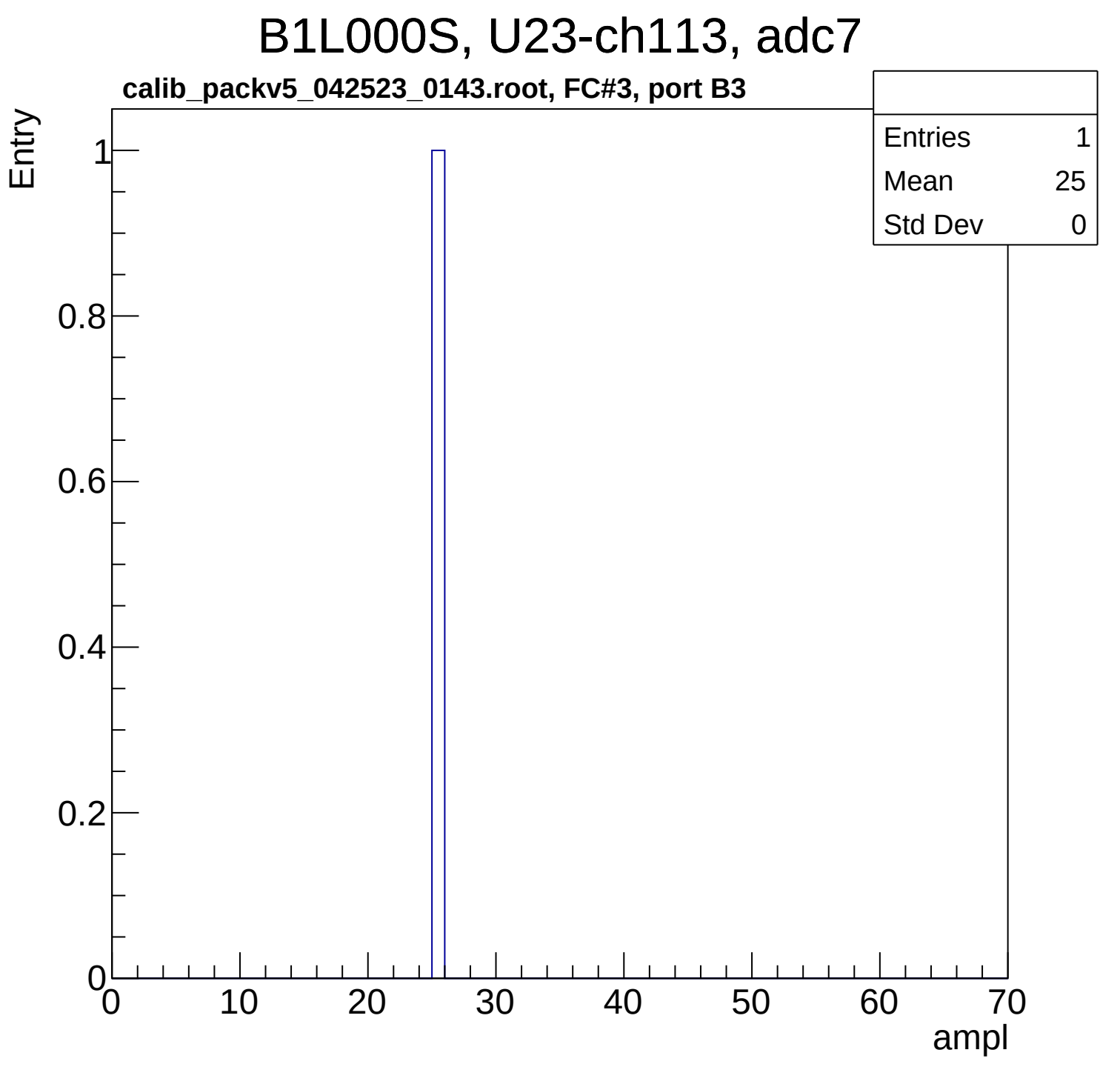
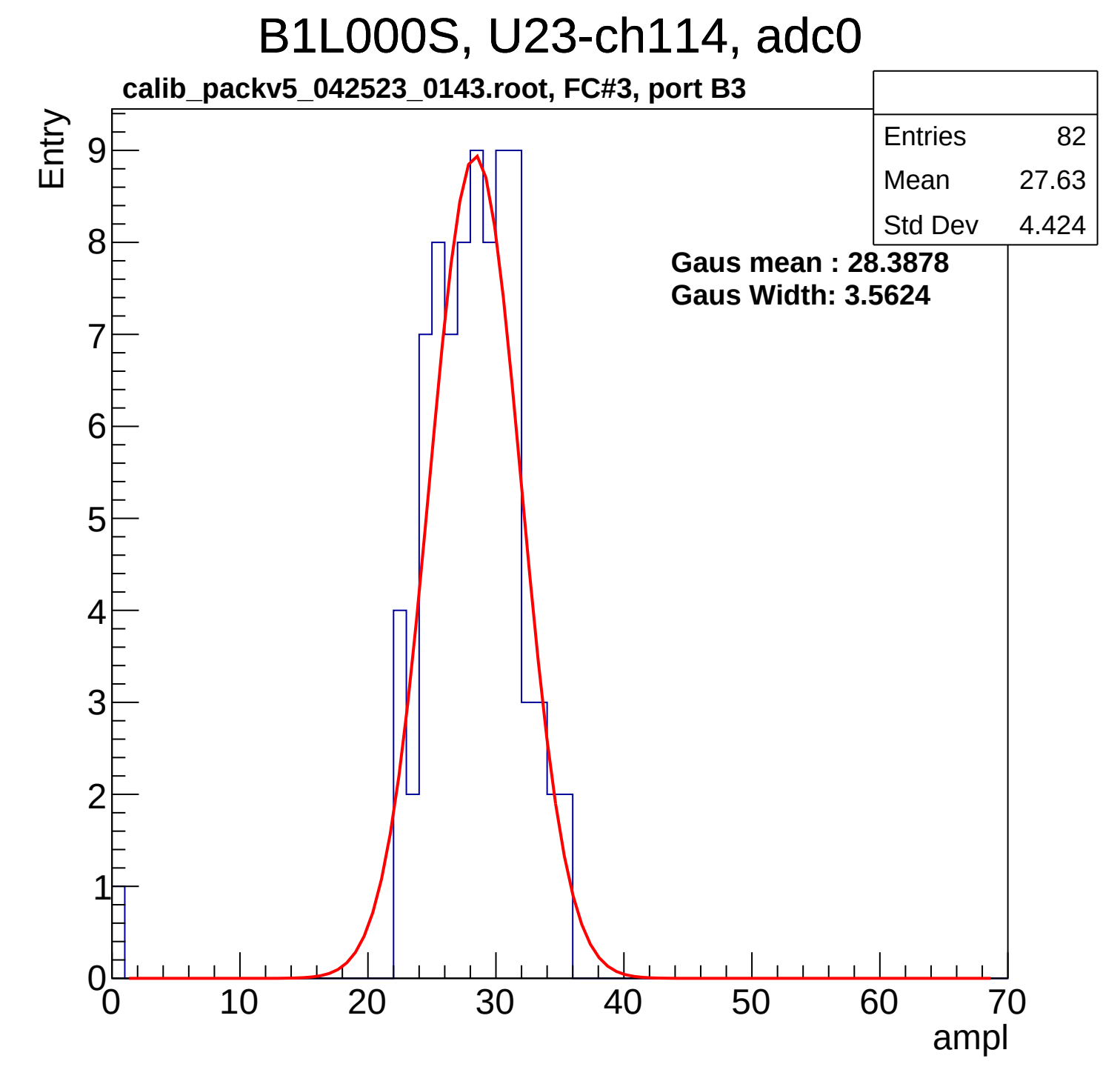
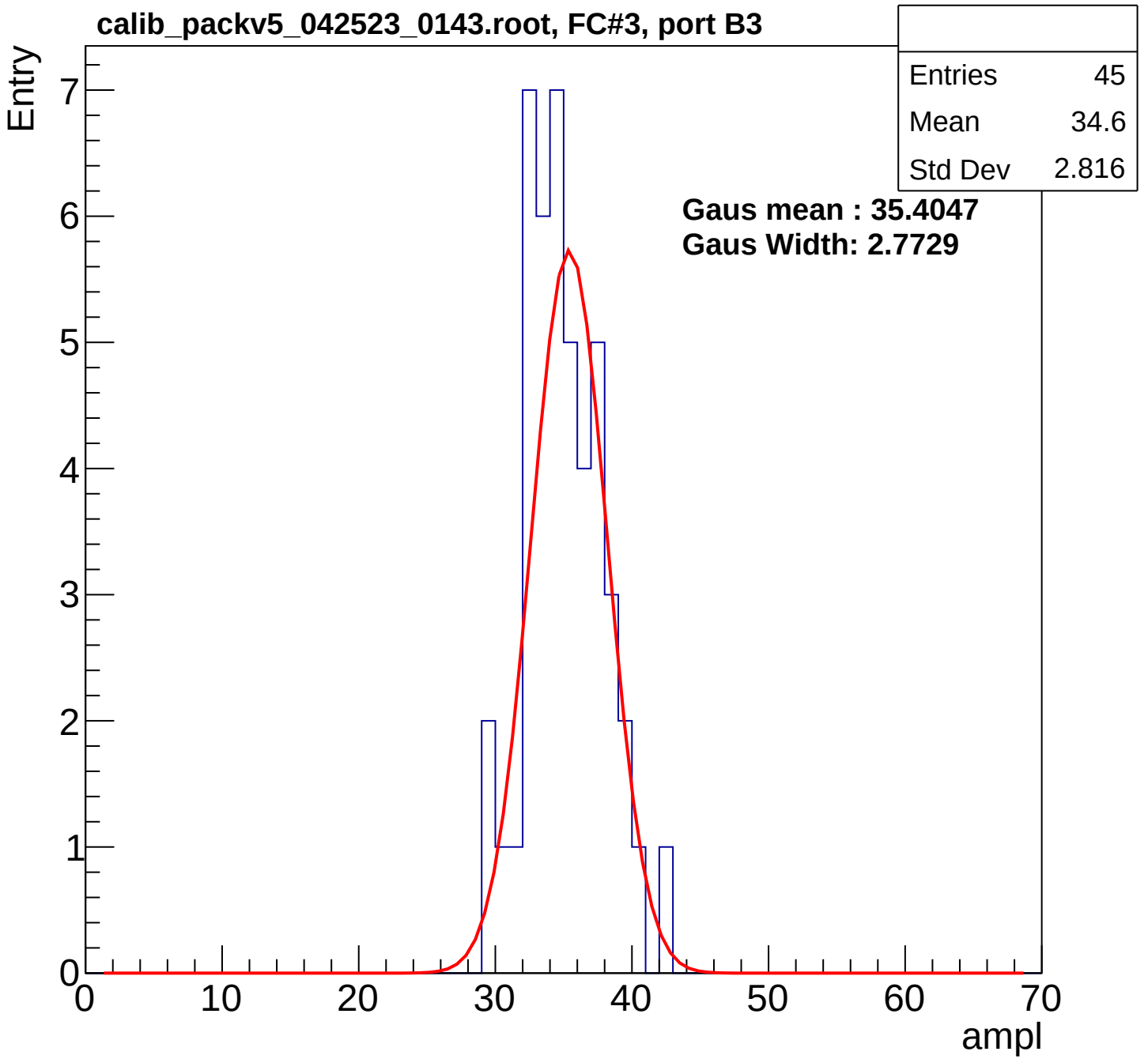
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

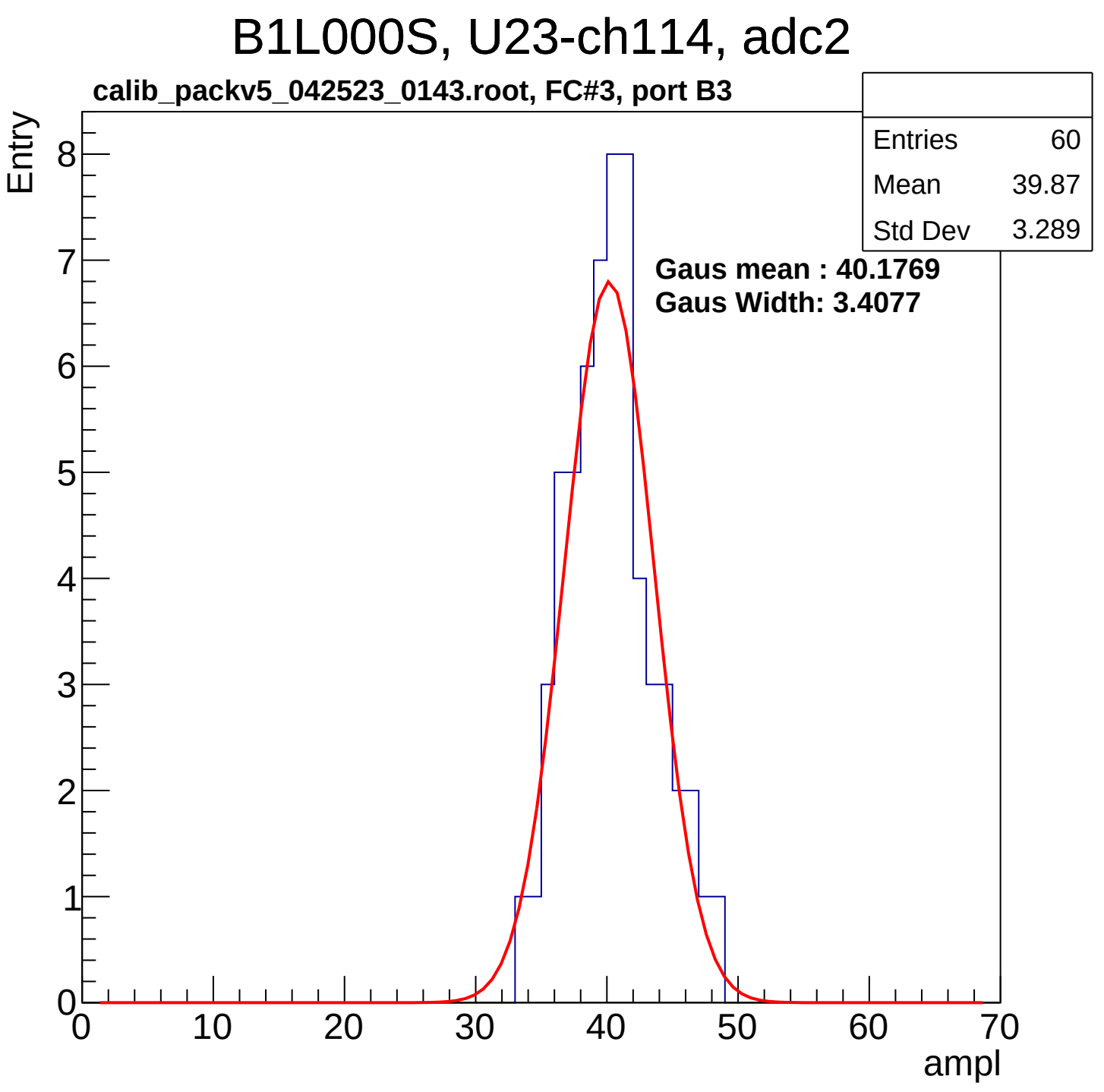

B1L000S, U23-ch113, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.34
Std Dev 8.318
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

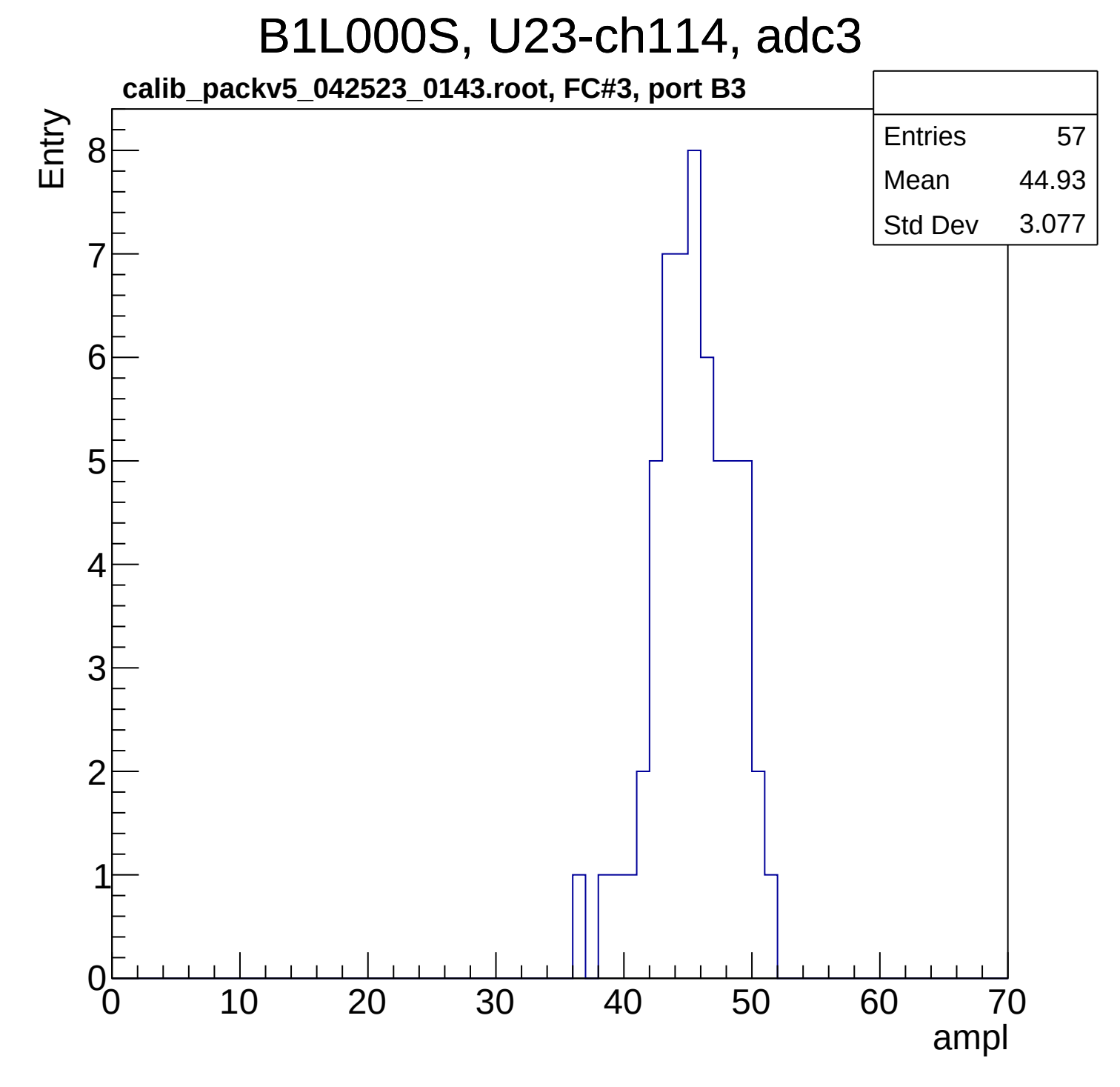

B1L000S, U23-ch113, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch113, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 25
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch114, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 27.63
Std Dev 4.424
Gaus mean : 28.3878
Gaus Width: 3.5624
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch114, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 34.6
Std Dev 2.816
Gaus mean : 35.4047
Gaus Width: 2.7729
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch114, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 39.87
Std Dev 3.289
Gaus mean : 40.1769
Gaus Width: 3.4077
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch114, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 44.93
Std Dev 3.077
Entry
ampl
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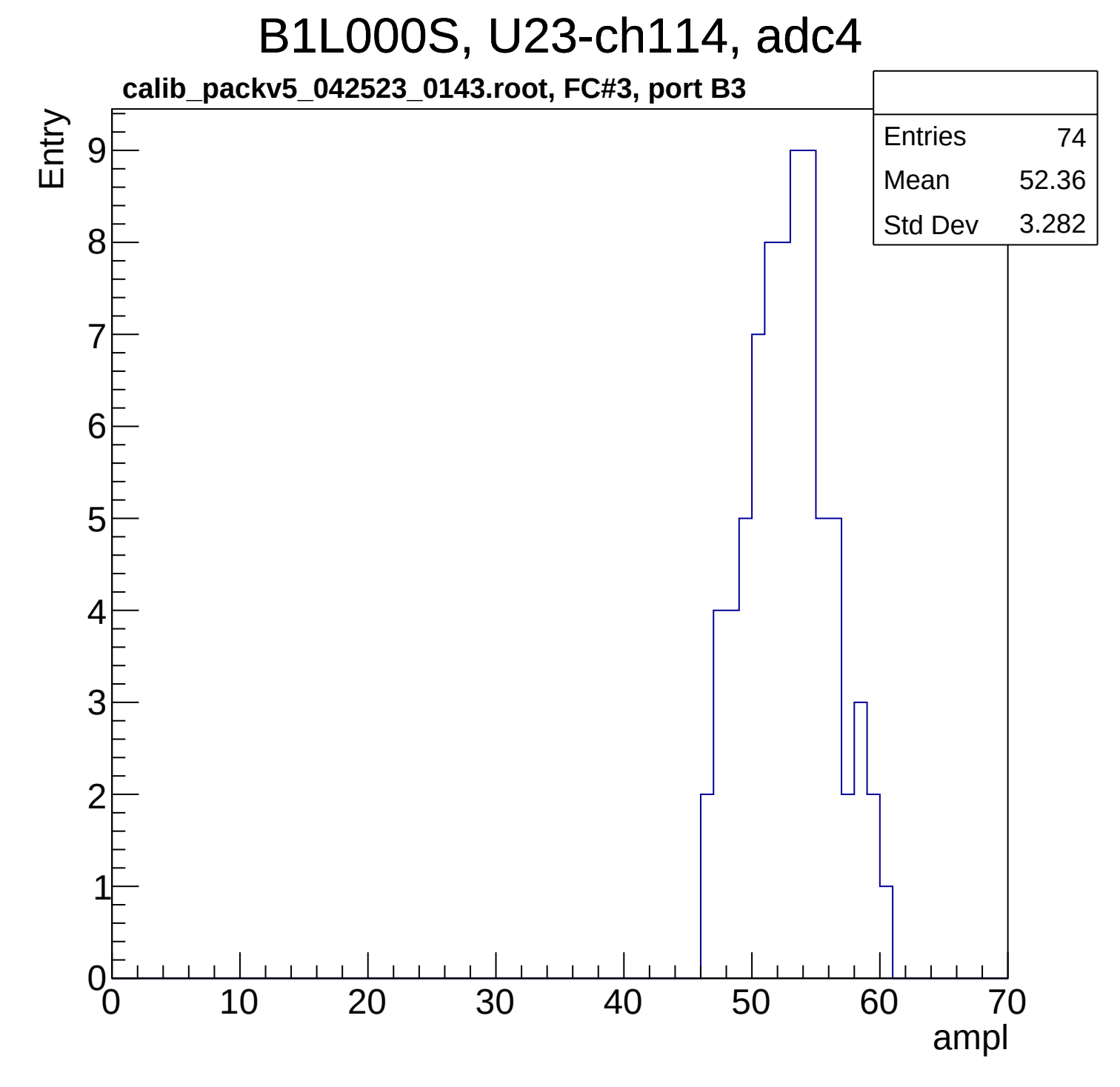
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch114, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 52.36
Std Dev 3.282
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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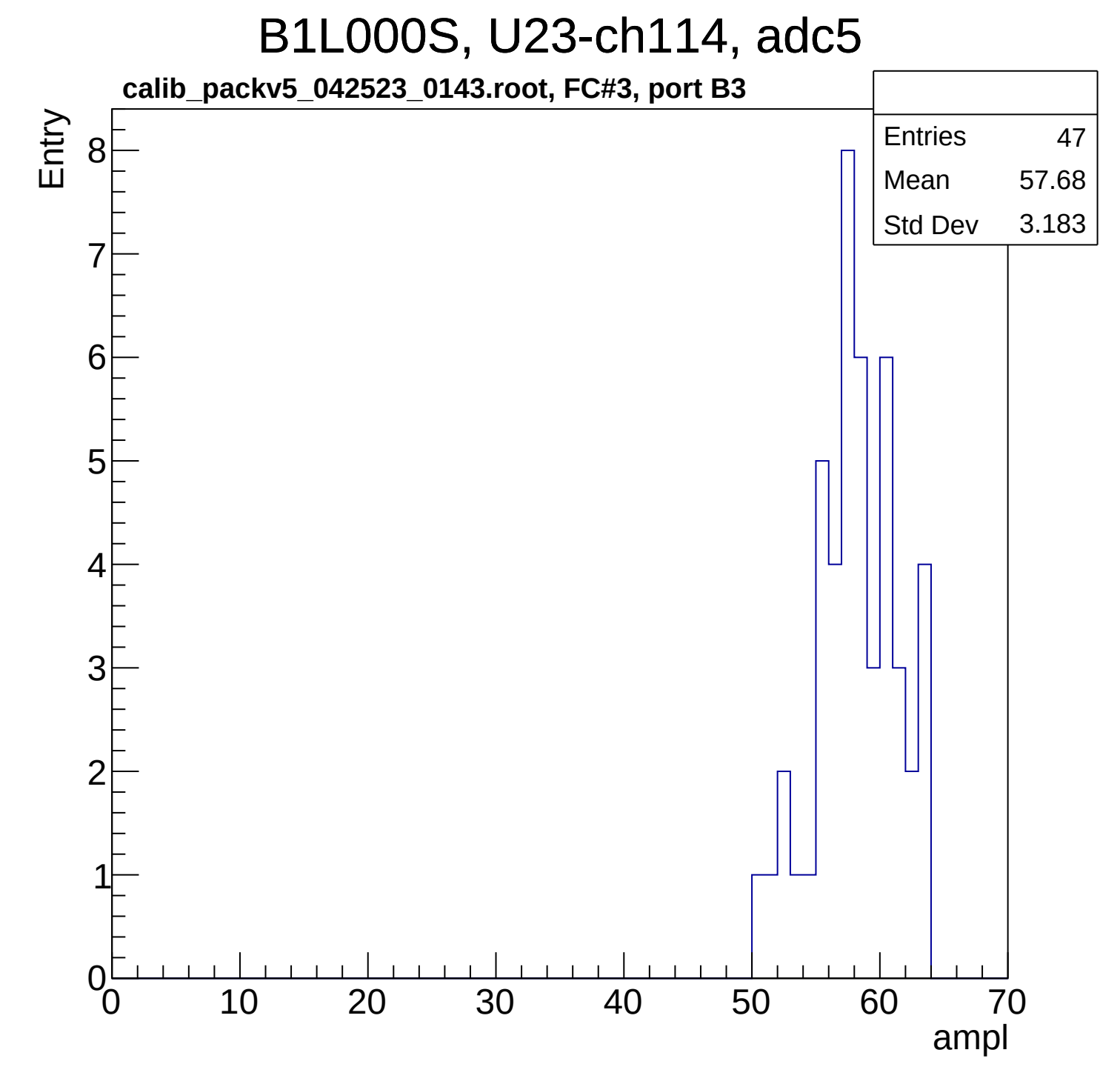
B1L000S, U23-ch114, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 57.68
Std Dev 3.183
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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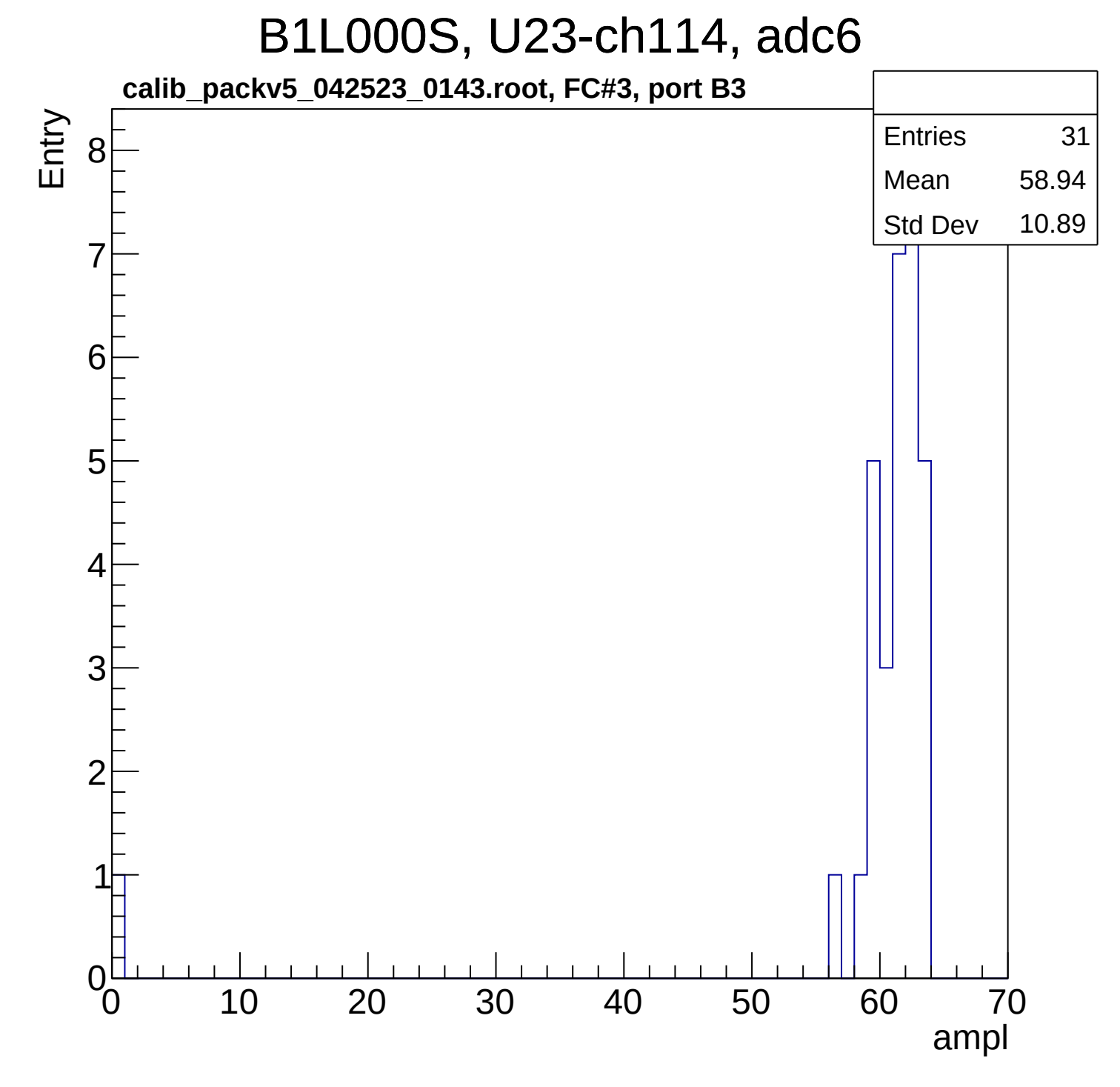
B1L000S, U23-ch114, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 31
Mean 58.94
Std Dev 10.89
Entry
ampl
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4
5
6
7
8
0
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20
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40
50
60
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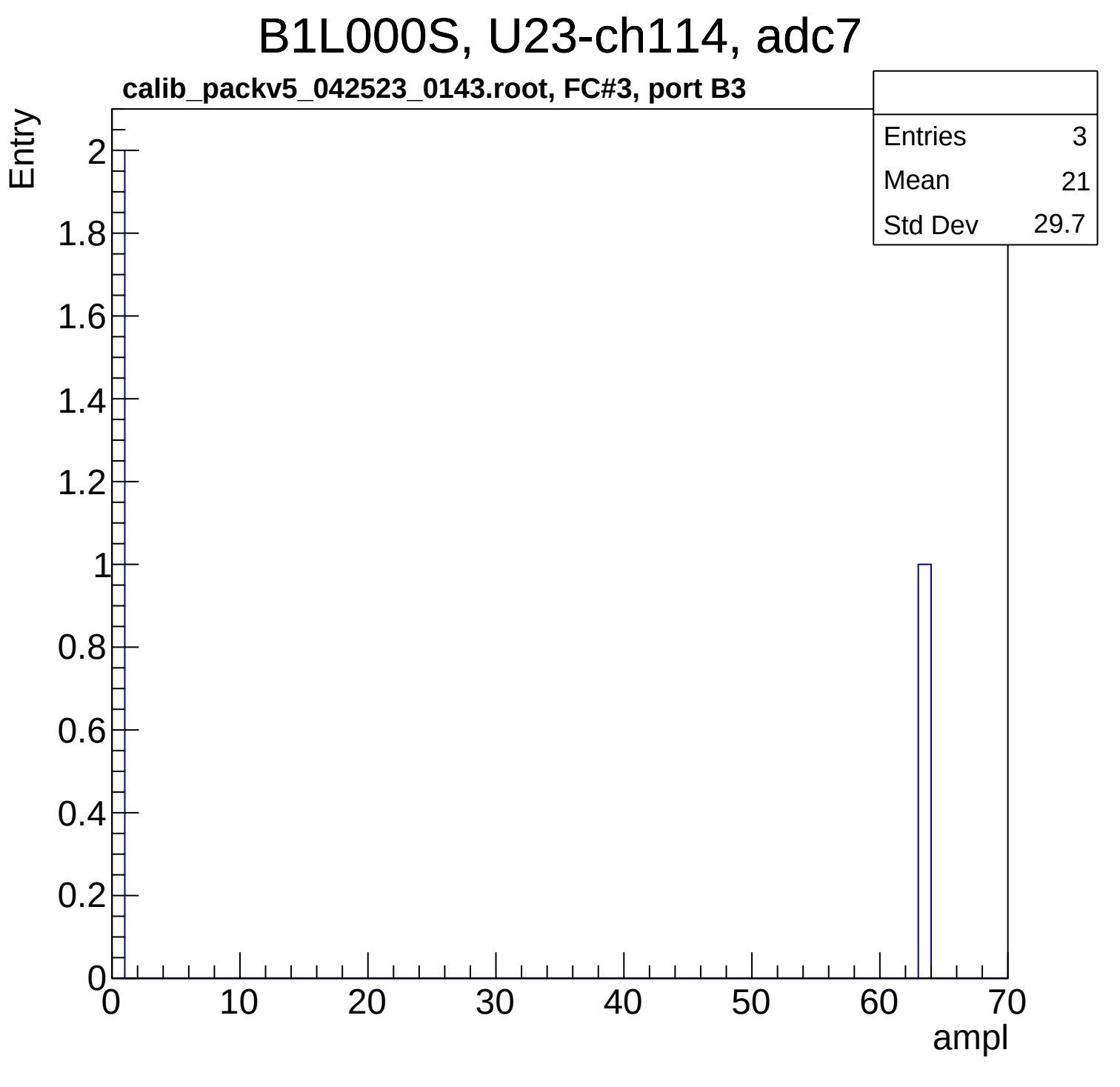
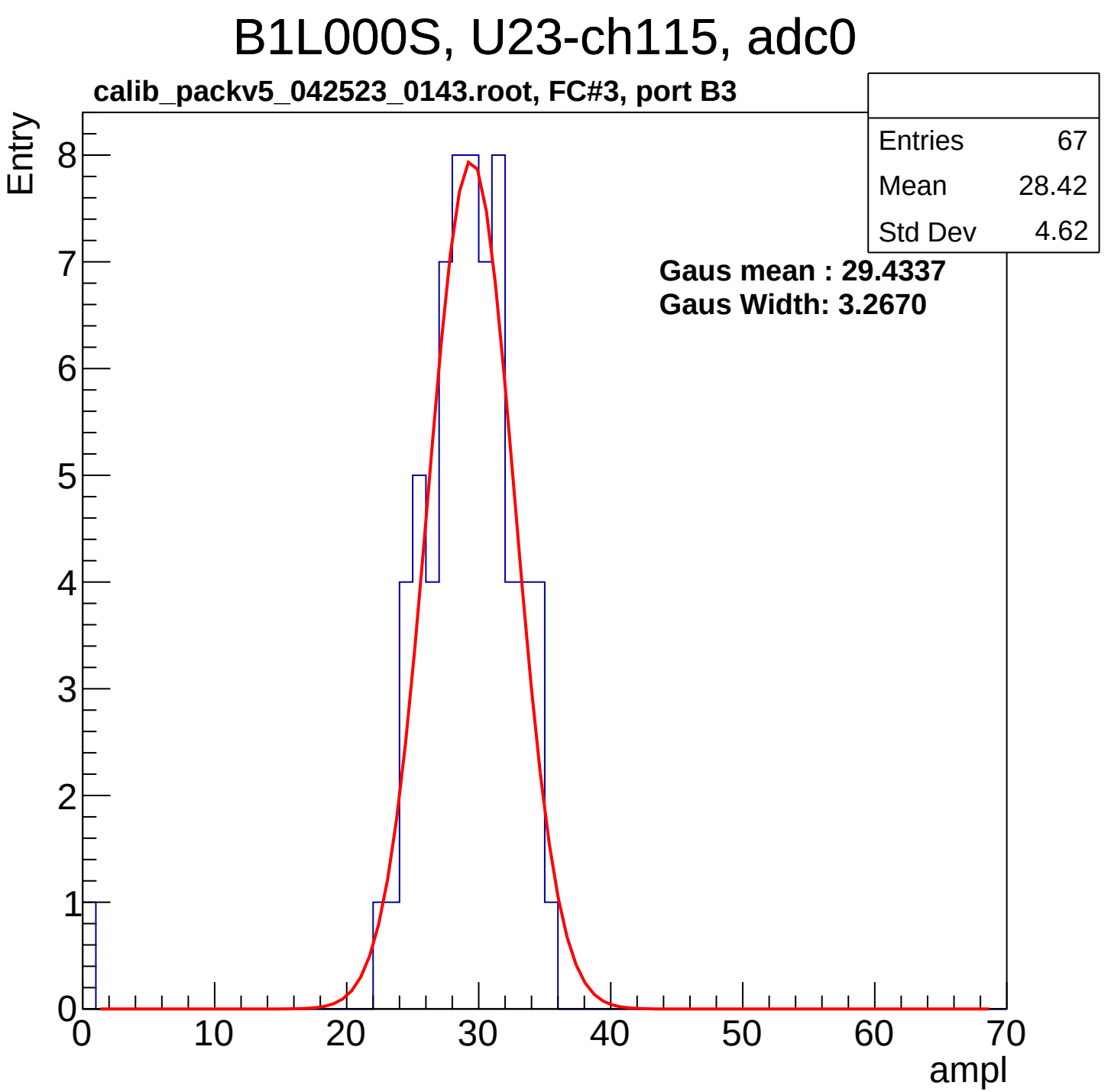
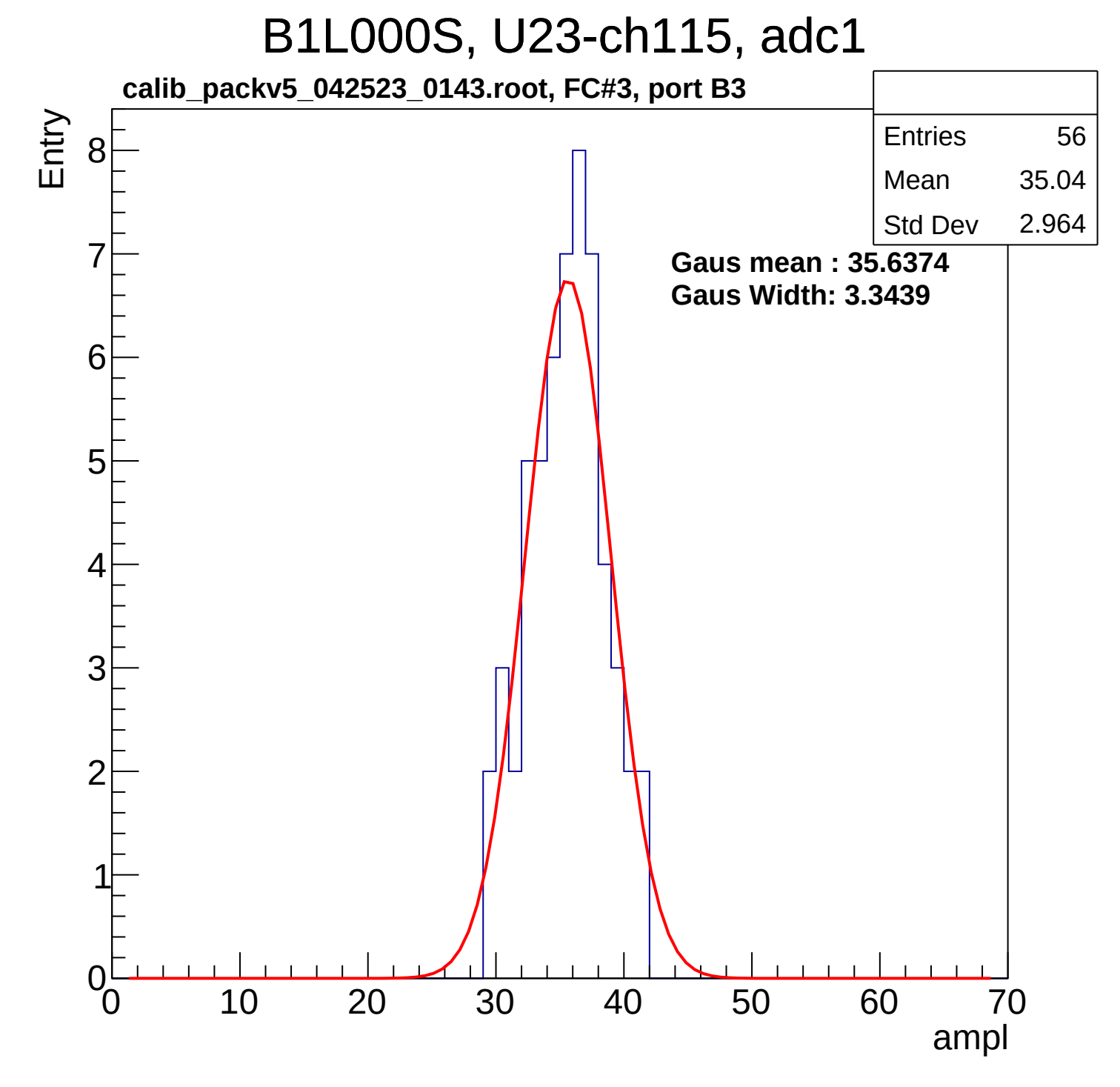

B1L000S, U23-ch114, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch115, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.42
Std Dev 4.62
Gaus mean : 29.4337
Gaus Width: 3.2670
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch115, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.04
Std Dev 2.964
Gaus mean : 35.6374
Gaus Width: 3.3439
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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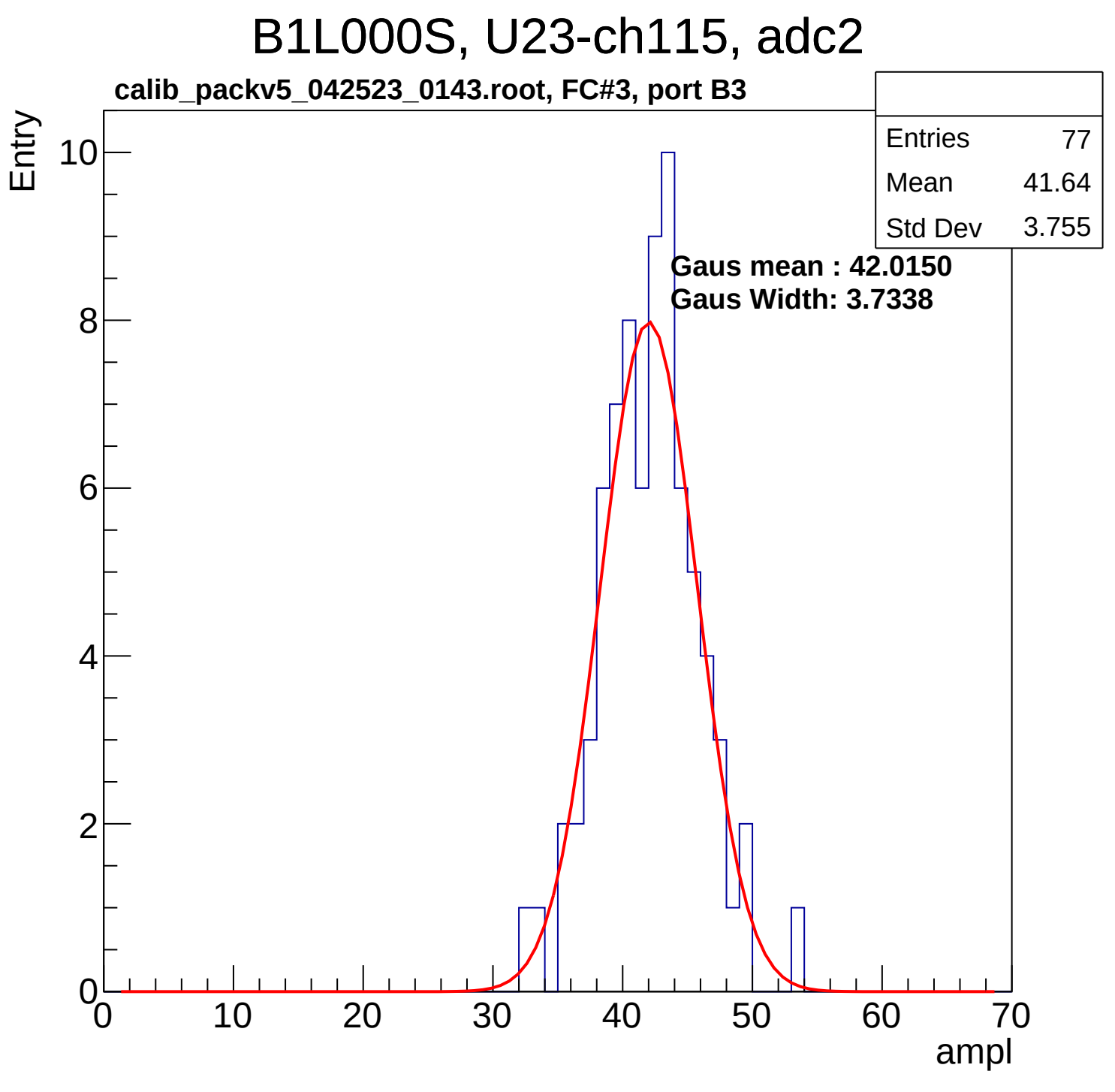
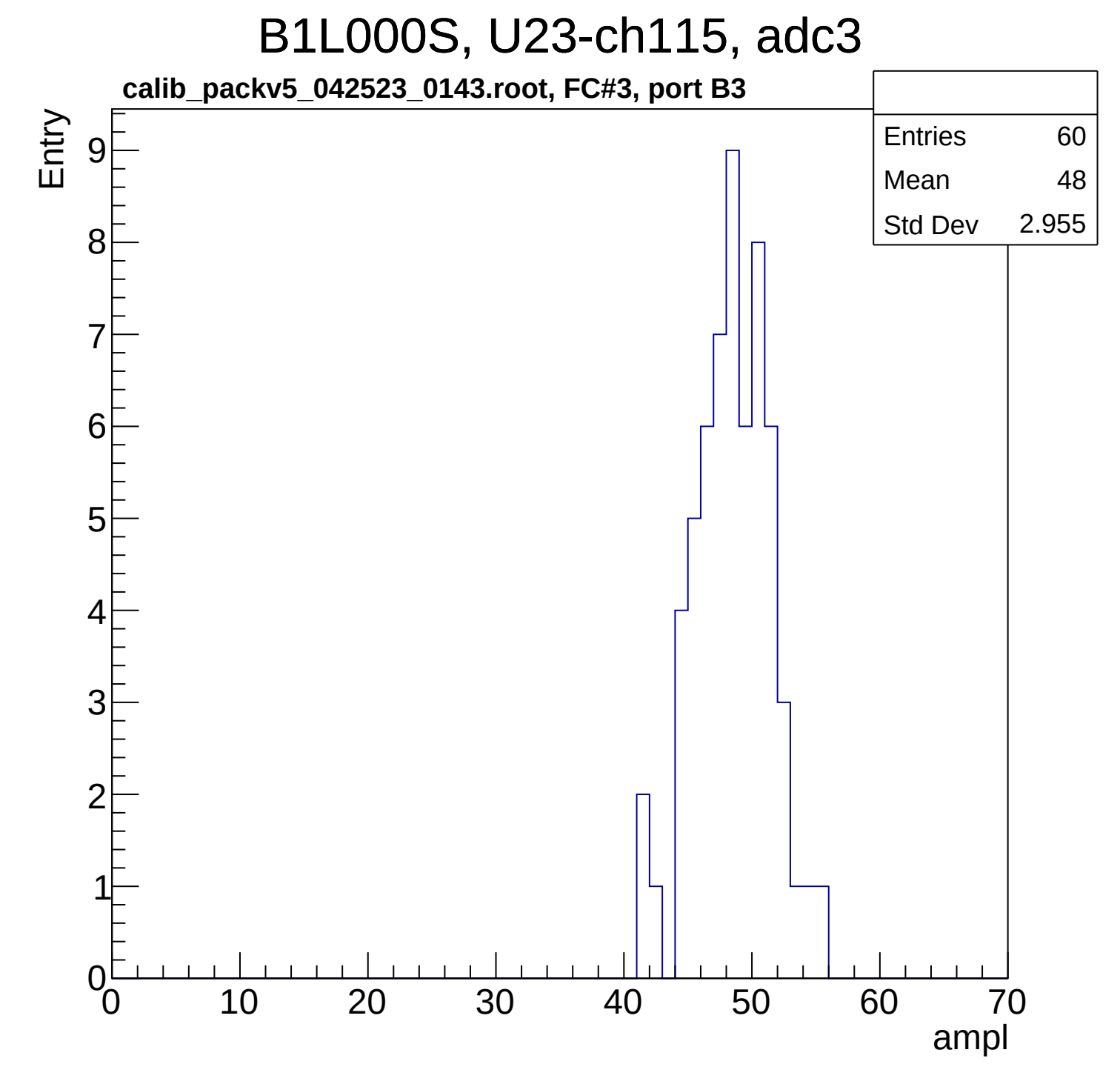

B1L000S, U23-ch115, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 41.64
Std Dev 3.755
Gaus mean : 42.0150
Gaus Width: 3.7338
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch115, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 48
Std Dev 2.955
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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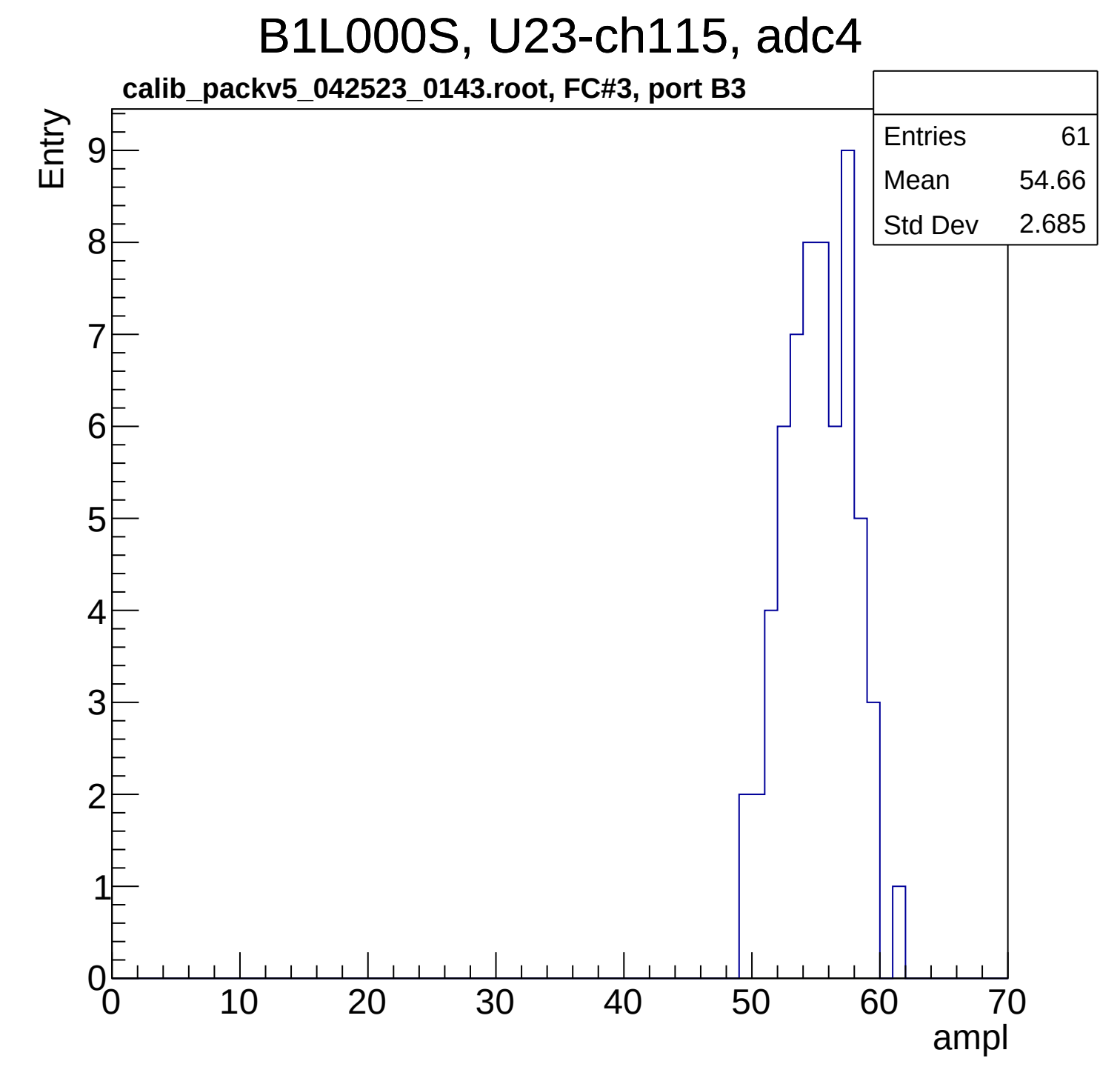
B1L000S, U23-ch115, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 54.66
Std Dev 2.685
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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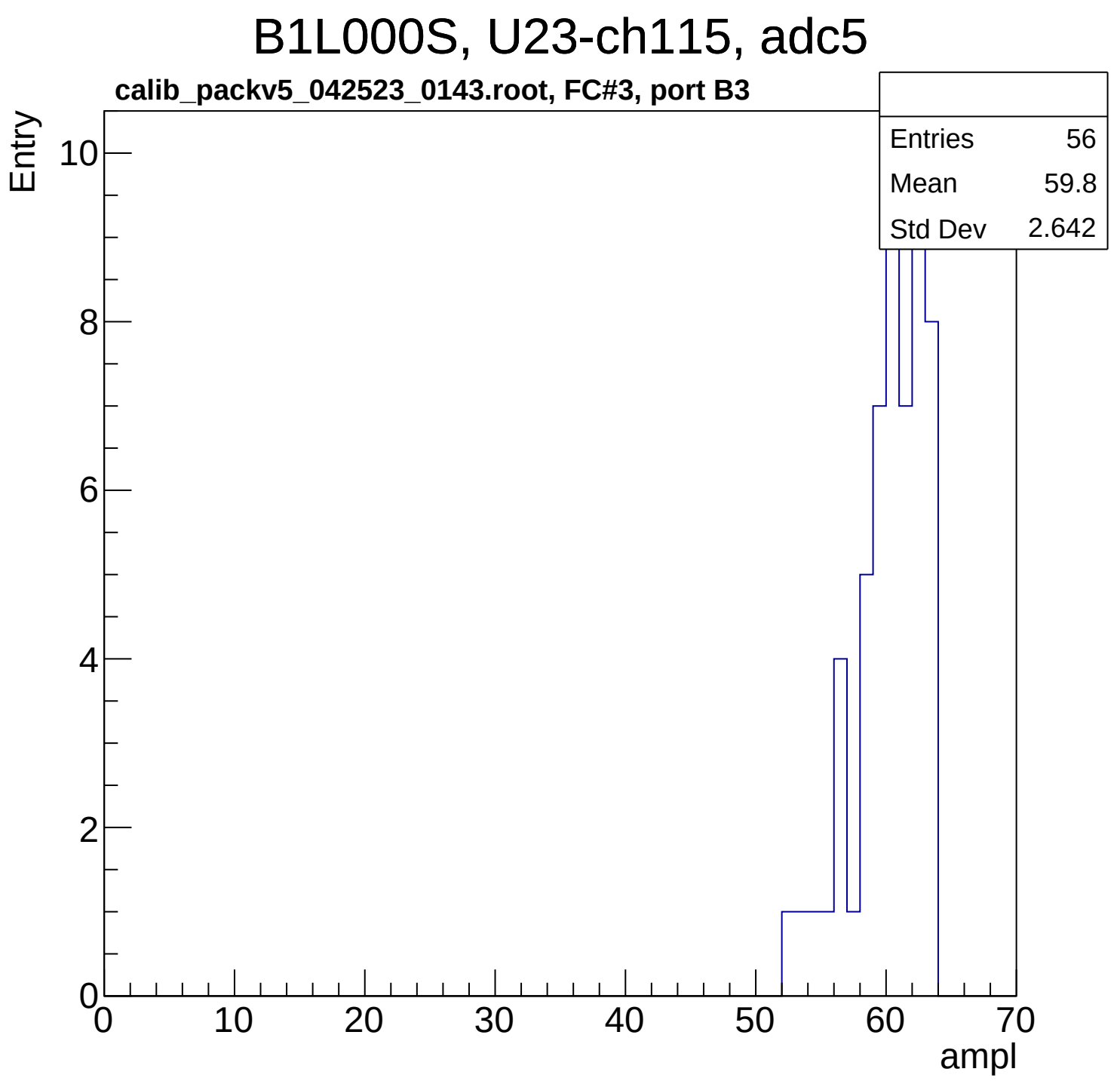
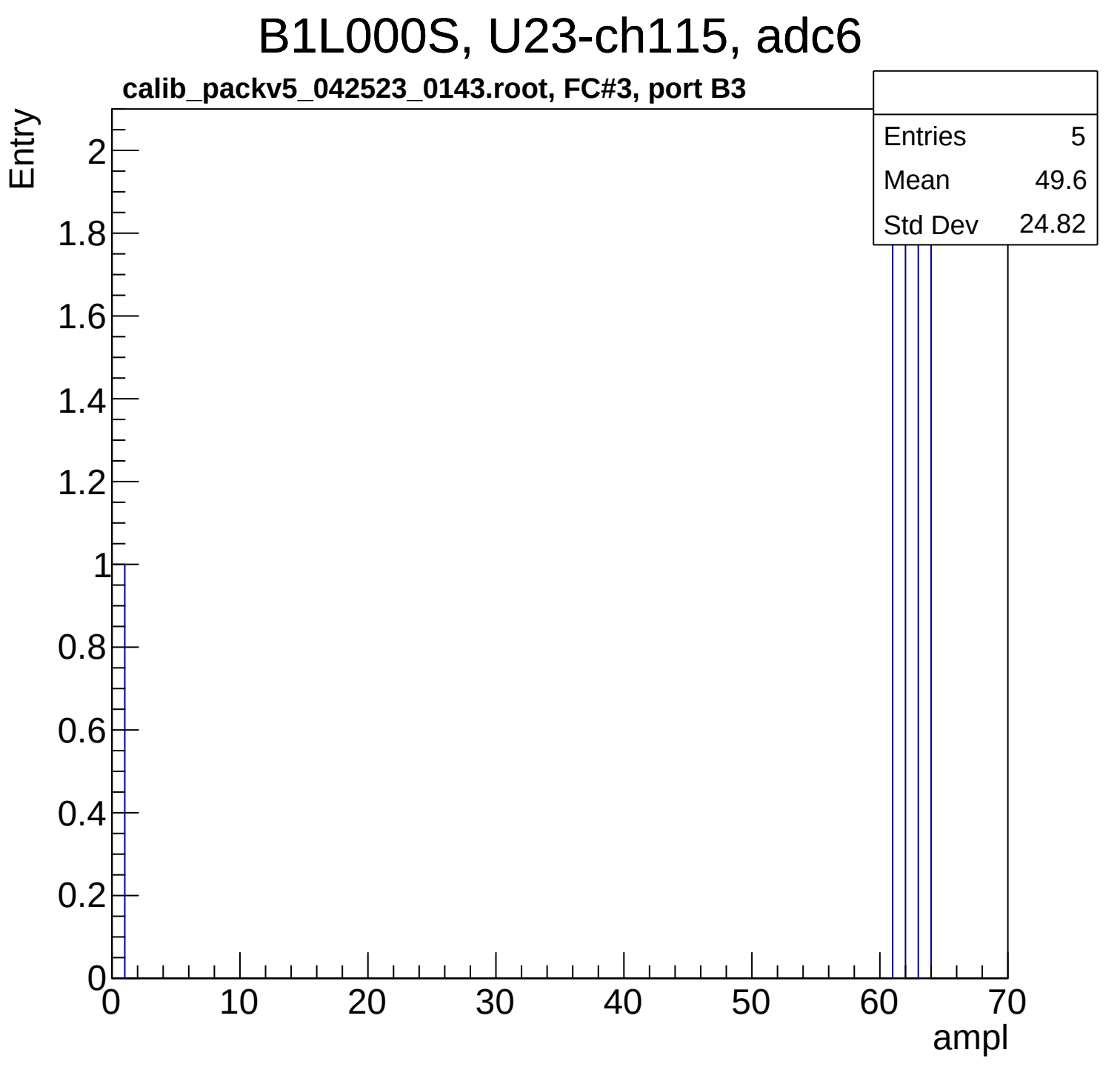

B1L000S, U23-ch115, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.8
Std Dev 2.642
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch115, adc6
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
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1.2
1.4
1.6
1.8
2
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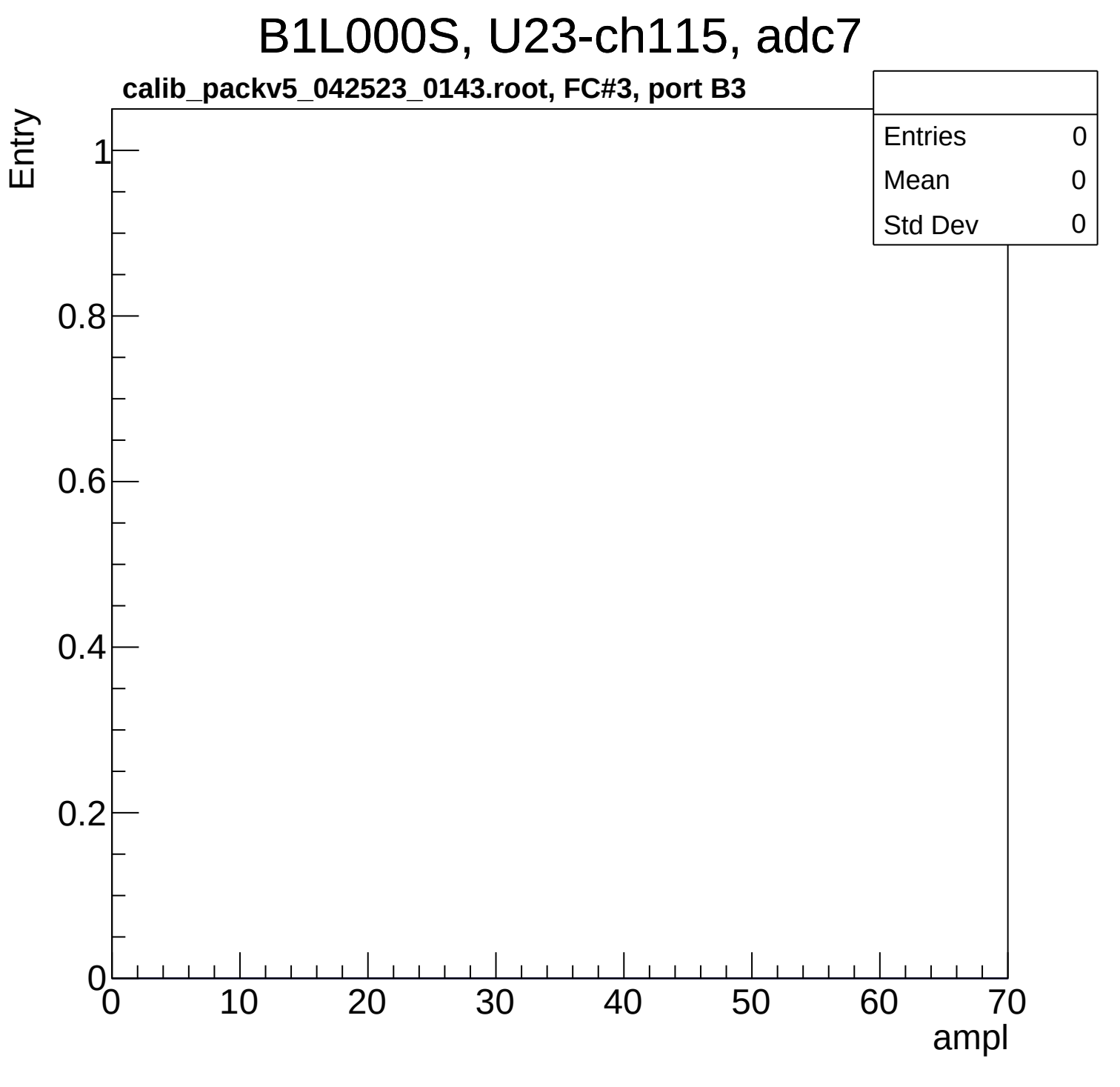
B1L000S, U23-ch115, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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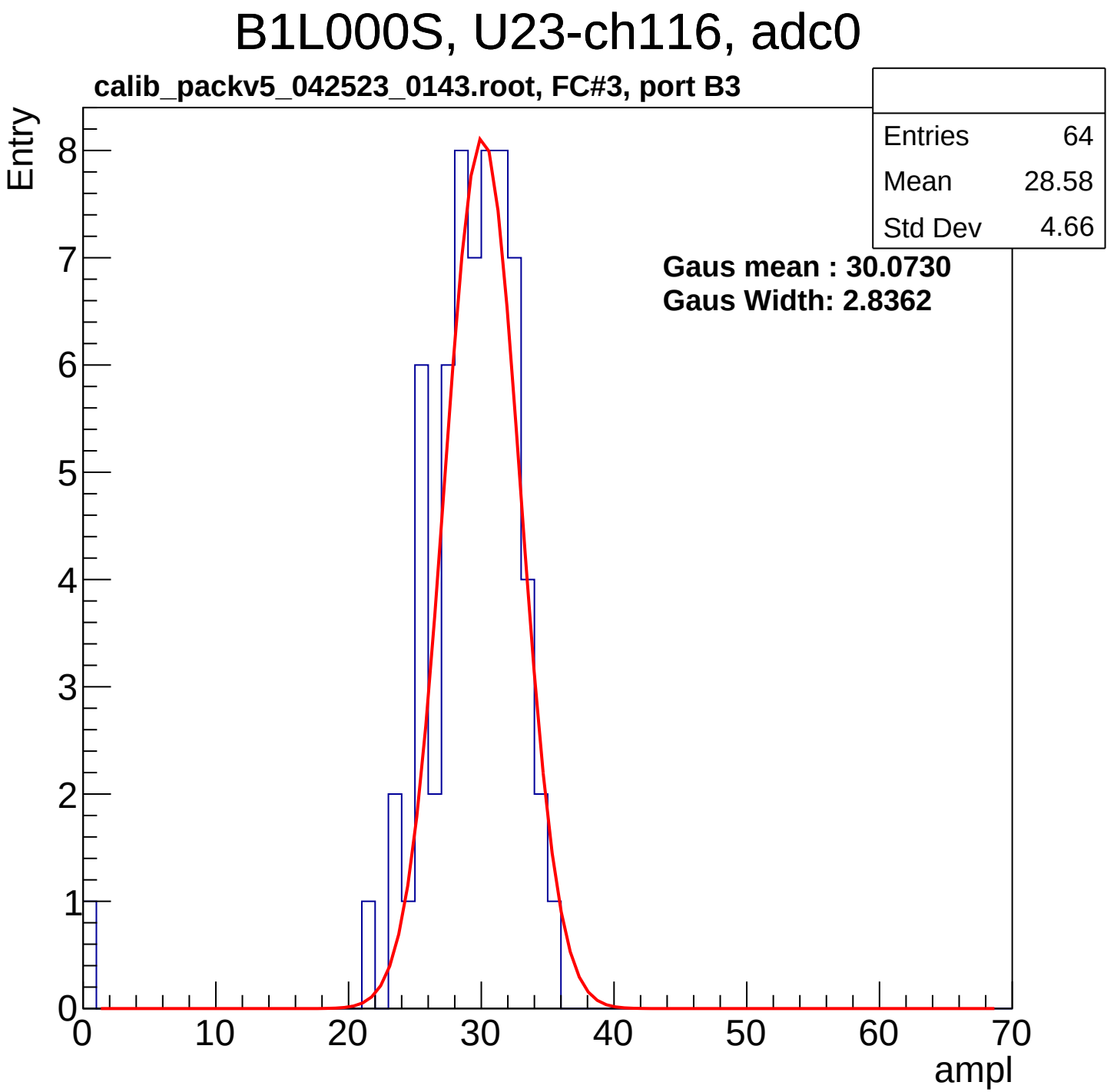
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch116, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.58
Std Dev 4.66
Gaus mean : 30.0730
Gaus Width: 2.8362
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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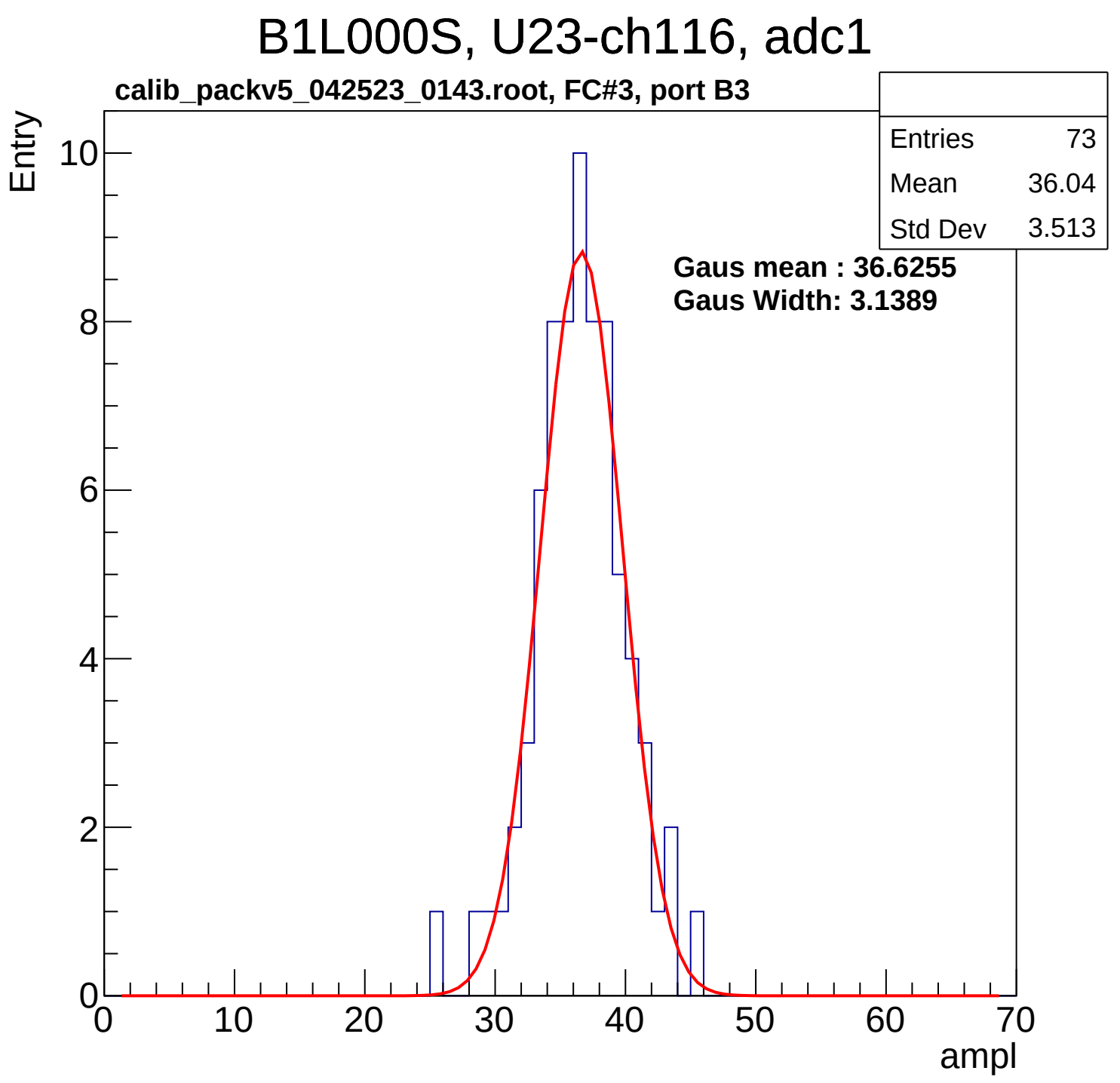
60
70


B1L000S, U23-ch116, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 36.04
Std Dev 3.513
Gaus mean : 36.6255
Gaus Width: 3.1389
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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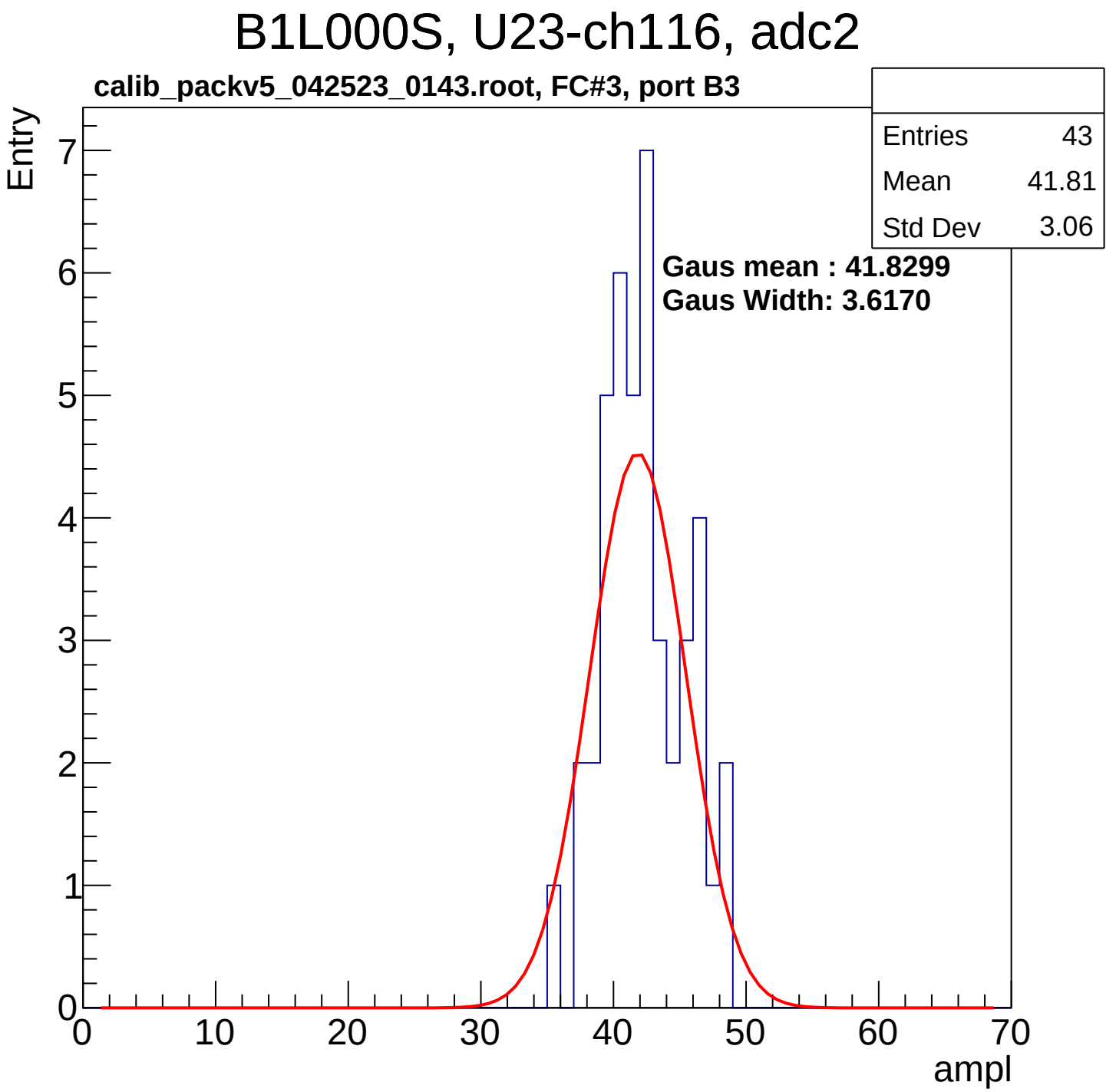
B1L000S, U23-ch116, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 41.81
Std Dev 3.06
Gaus mean : 41.8299
Gaus Width: 3.6170
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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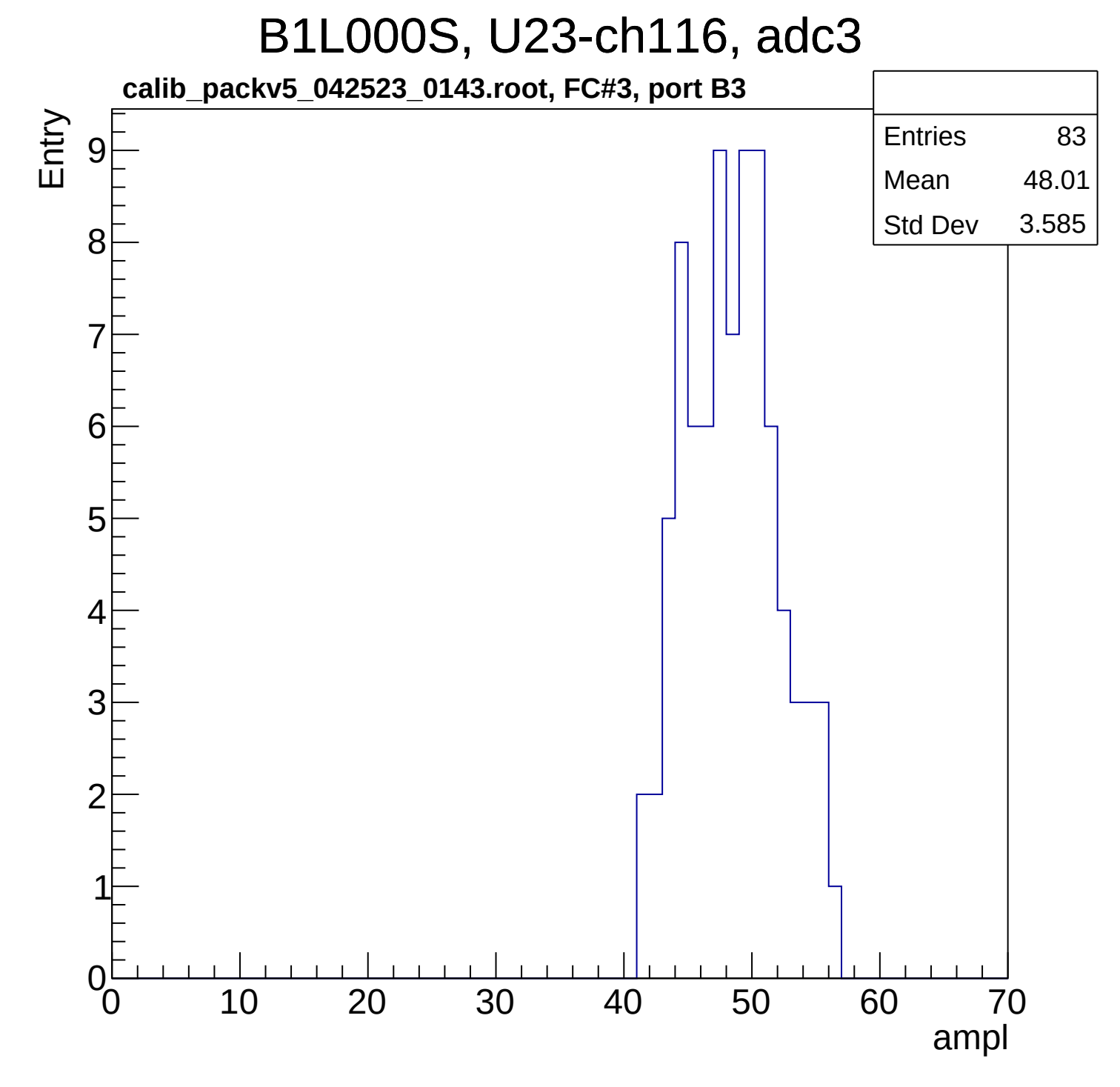
B1L000S, U23-ch116, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 48.01
Std Dev 3.585
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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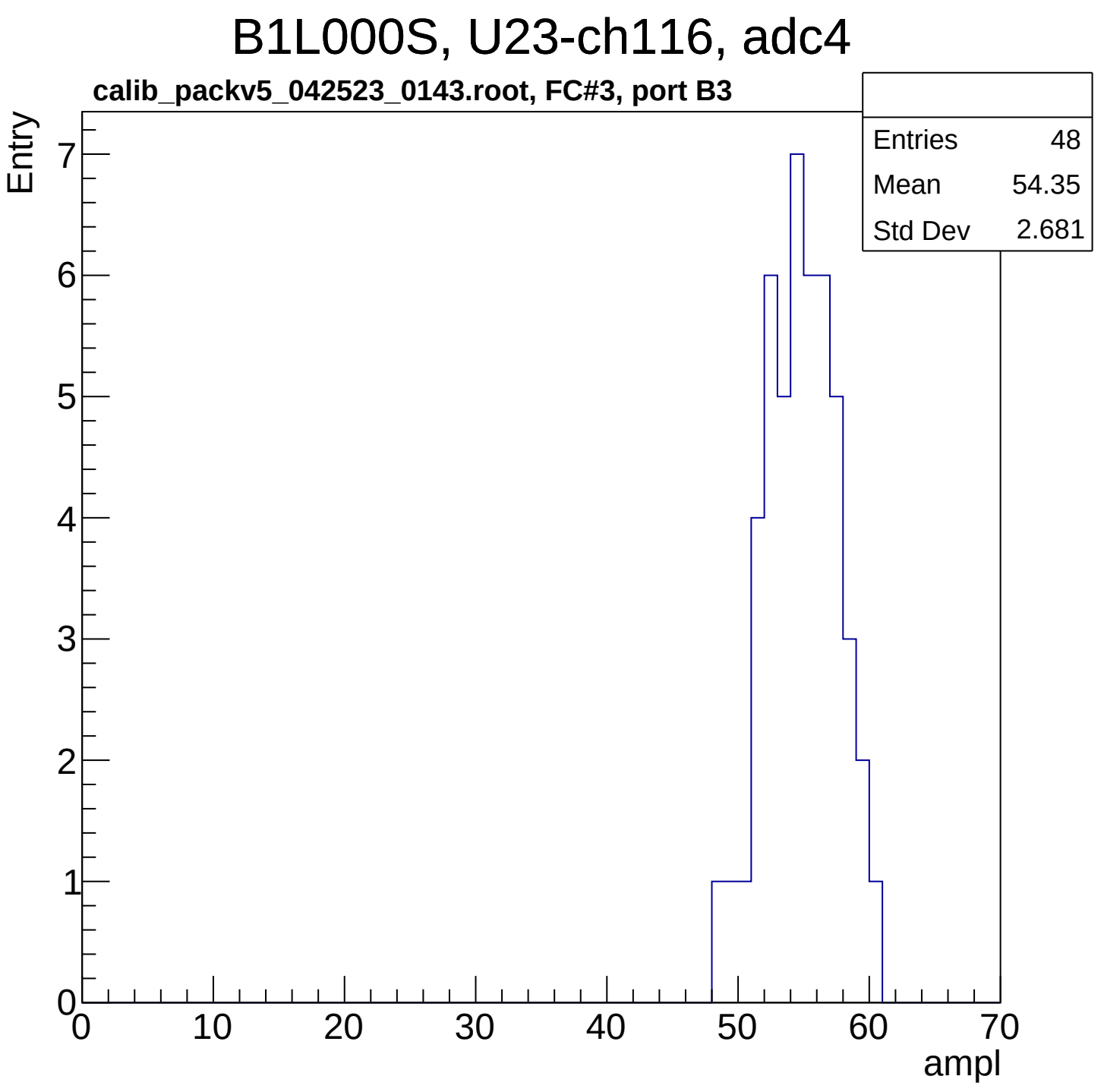
B1L000S, U23-ch116, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 54.35
Std Dev 2.681
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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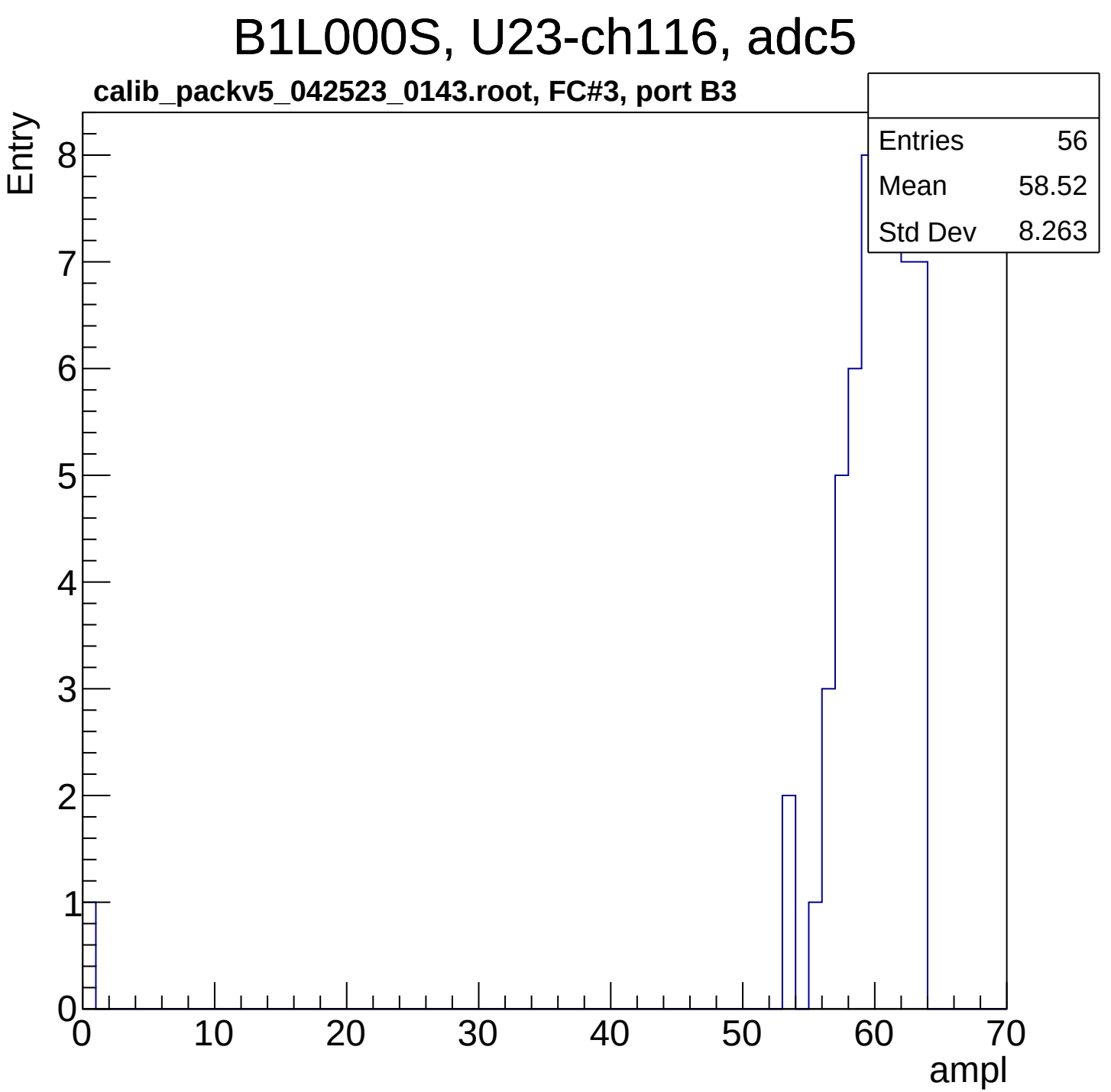
B1L000S, U23-ch116, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.52
Std Dev 8.263
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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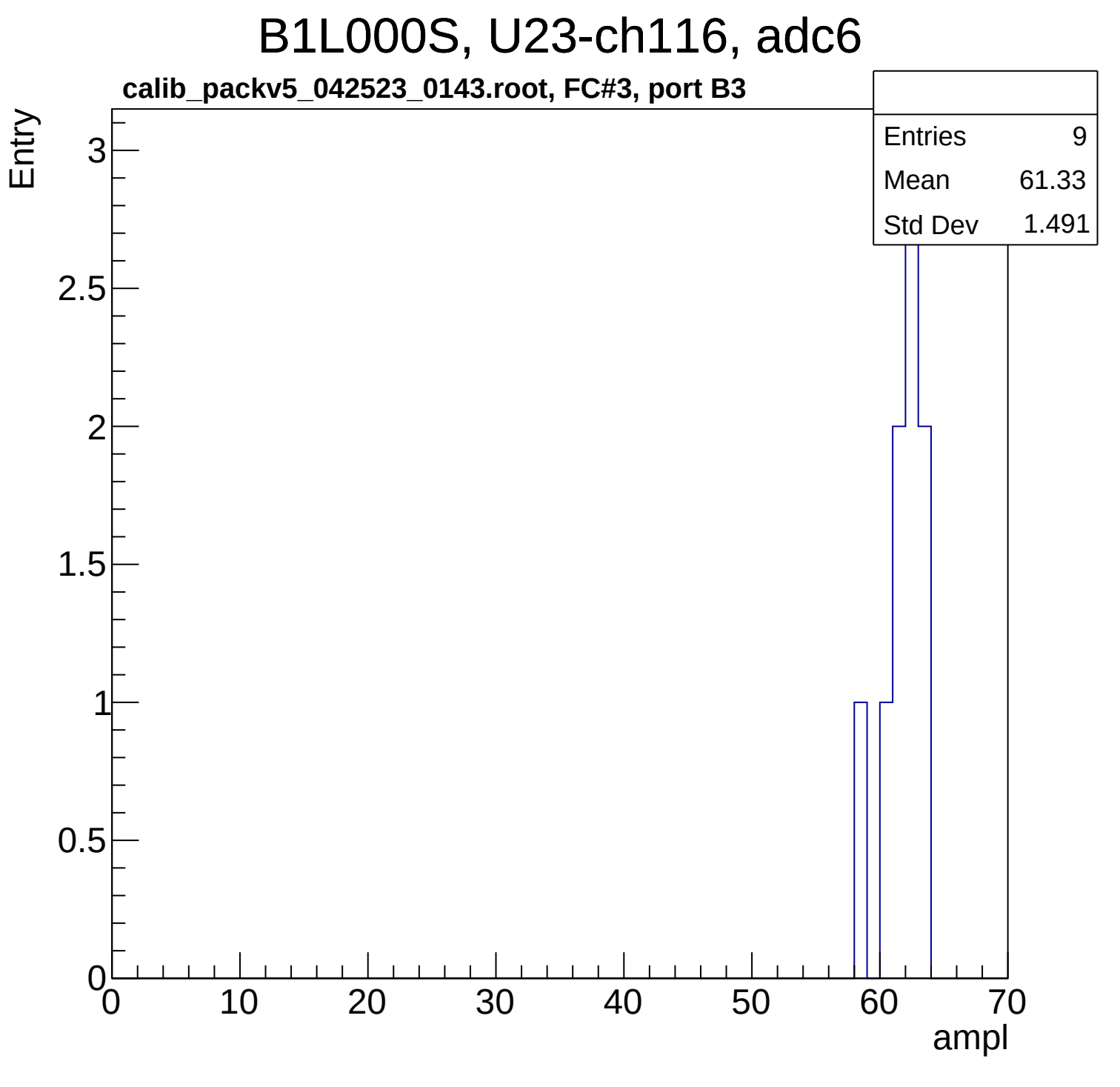
B1L000S, U23-ch116, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 61.33
Std Dev 1.491
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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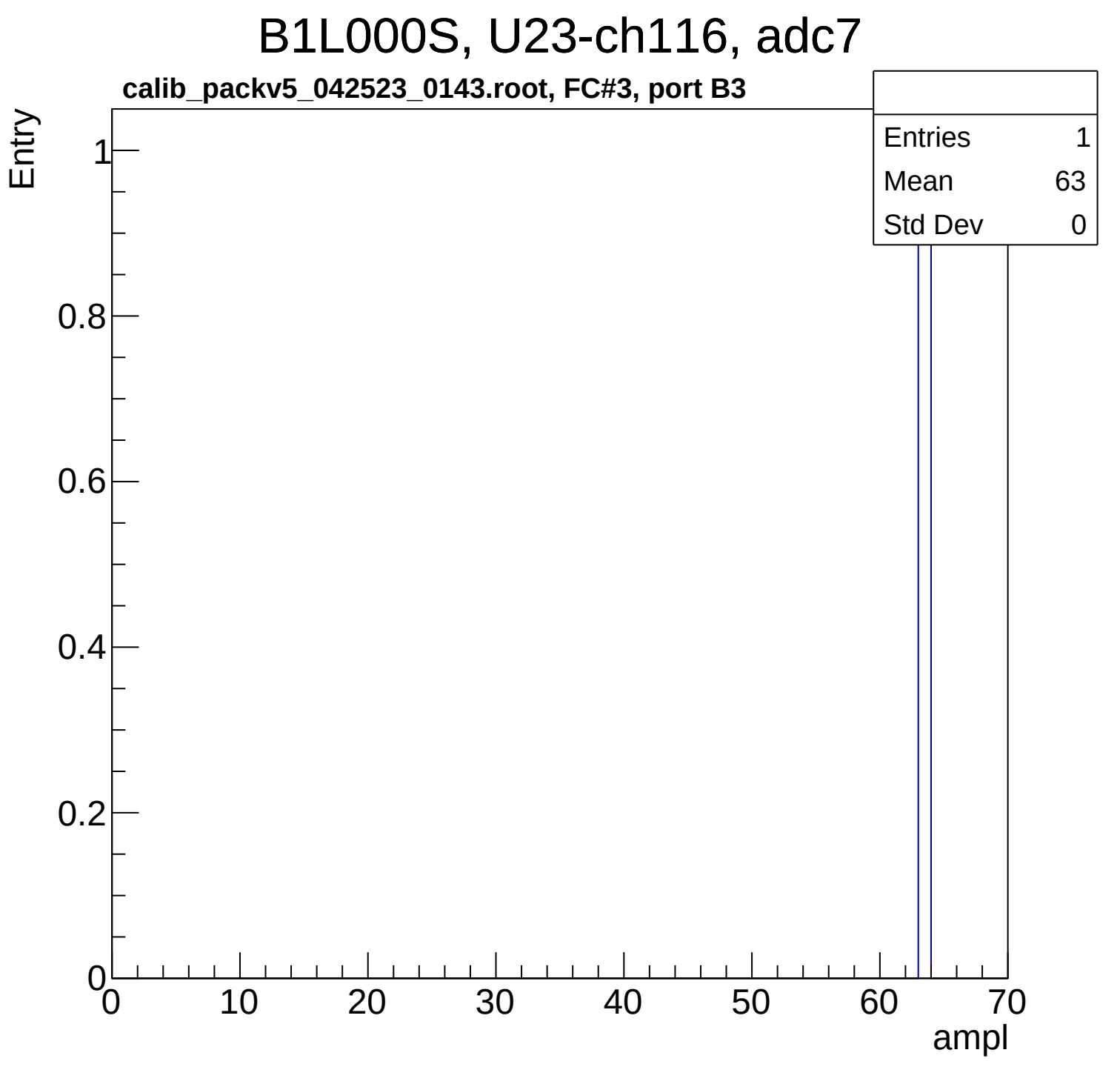
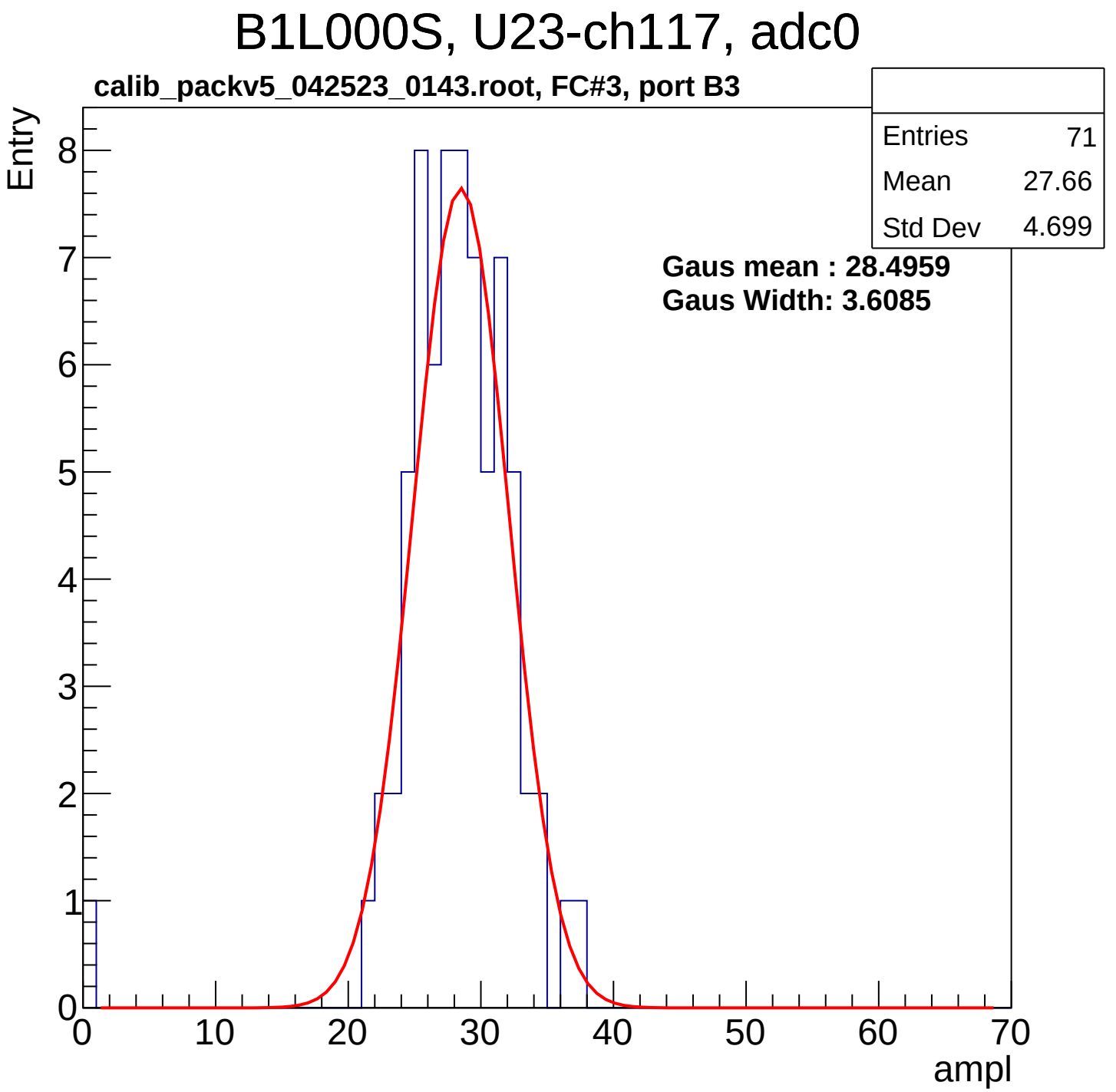

B1L000S, U23-ch116, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch117, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 27.66
Std Dev 4.699
Gaus mean : 28.4959
Gaus Width: 3.6085
Entry
ampl
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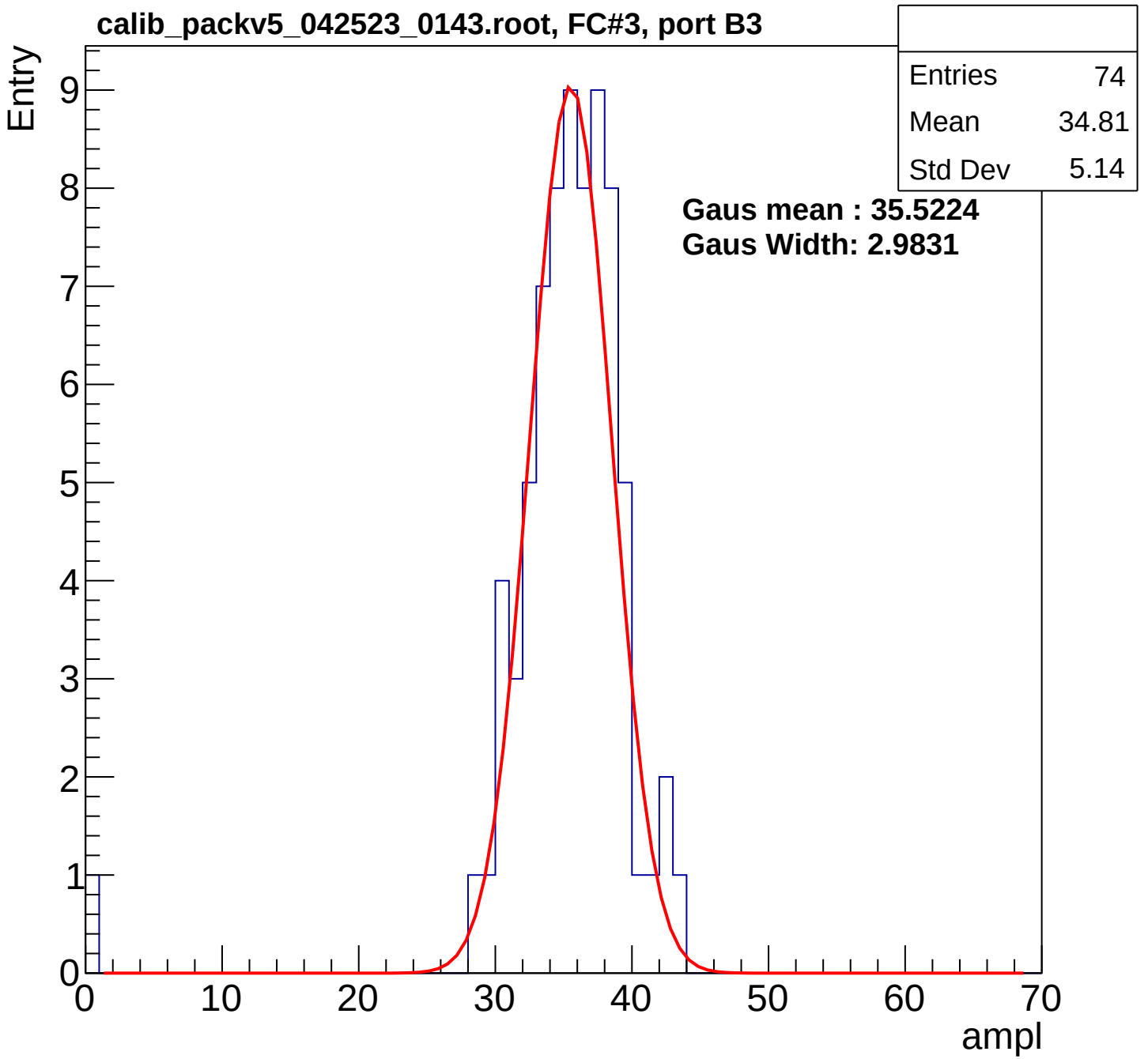
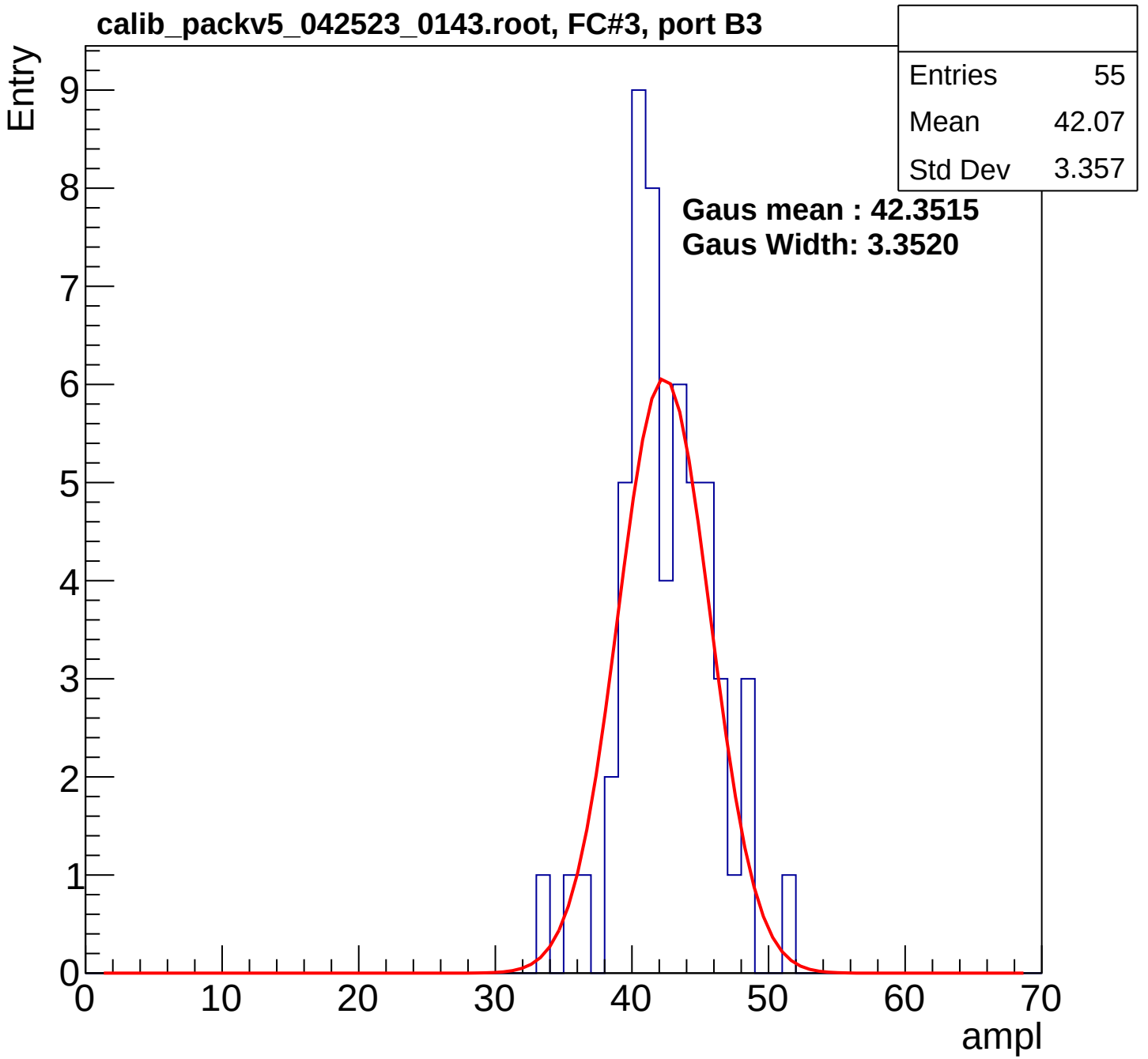
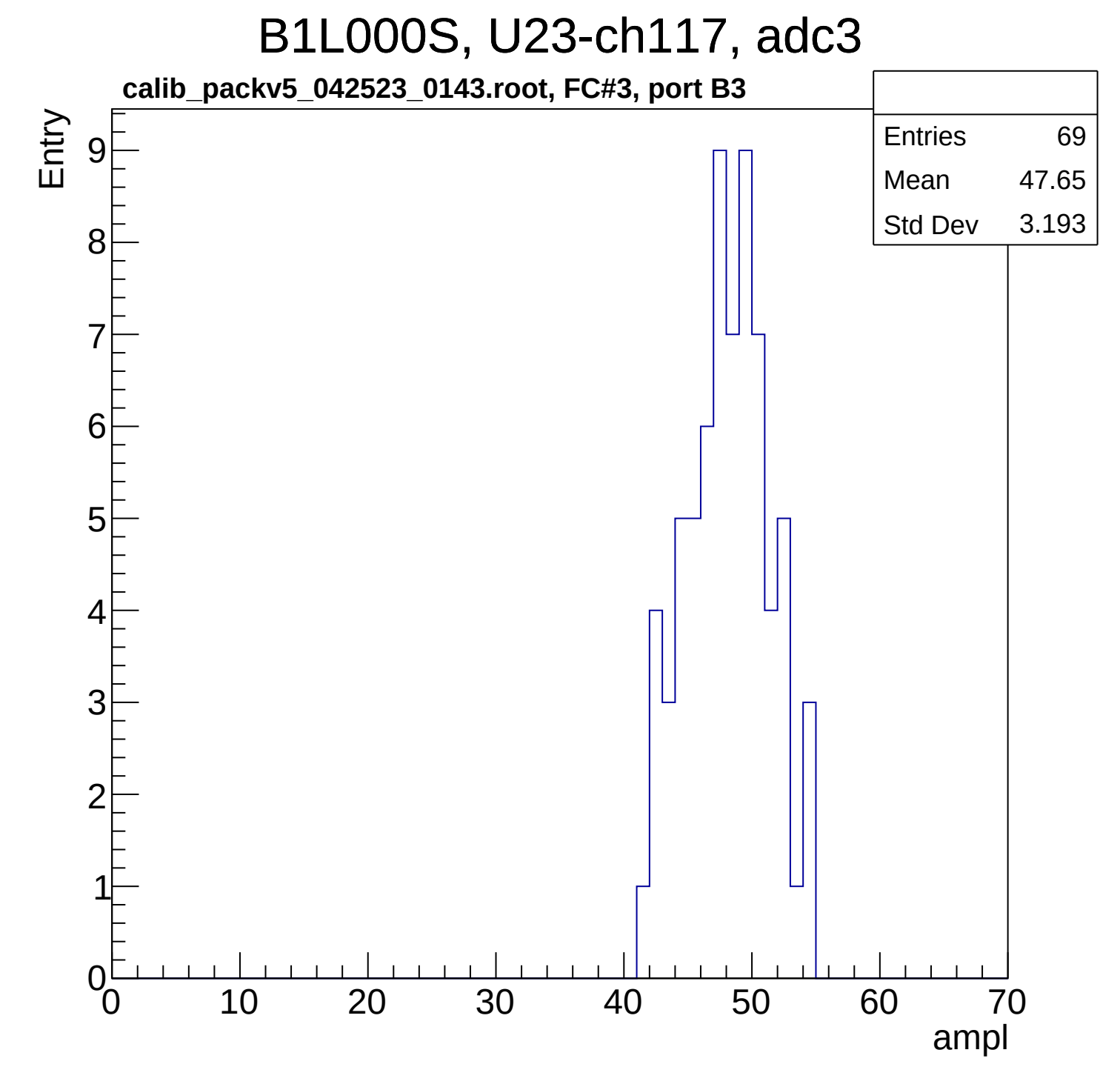
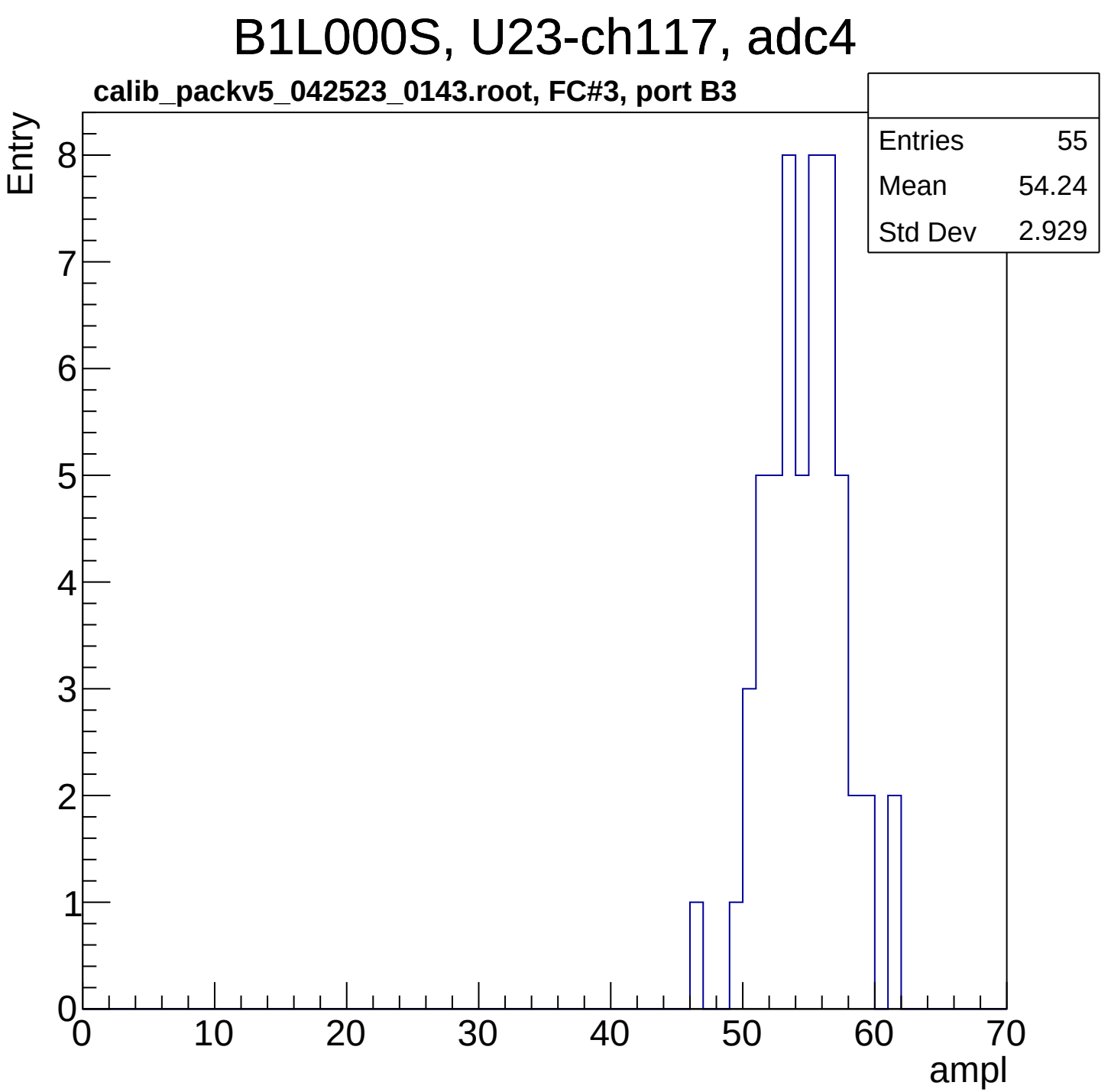
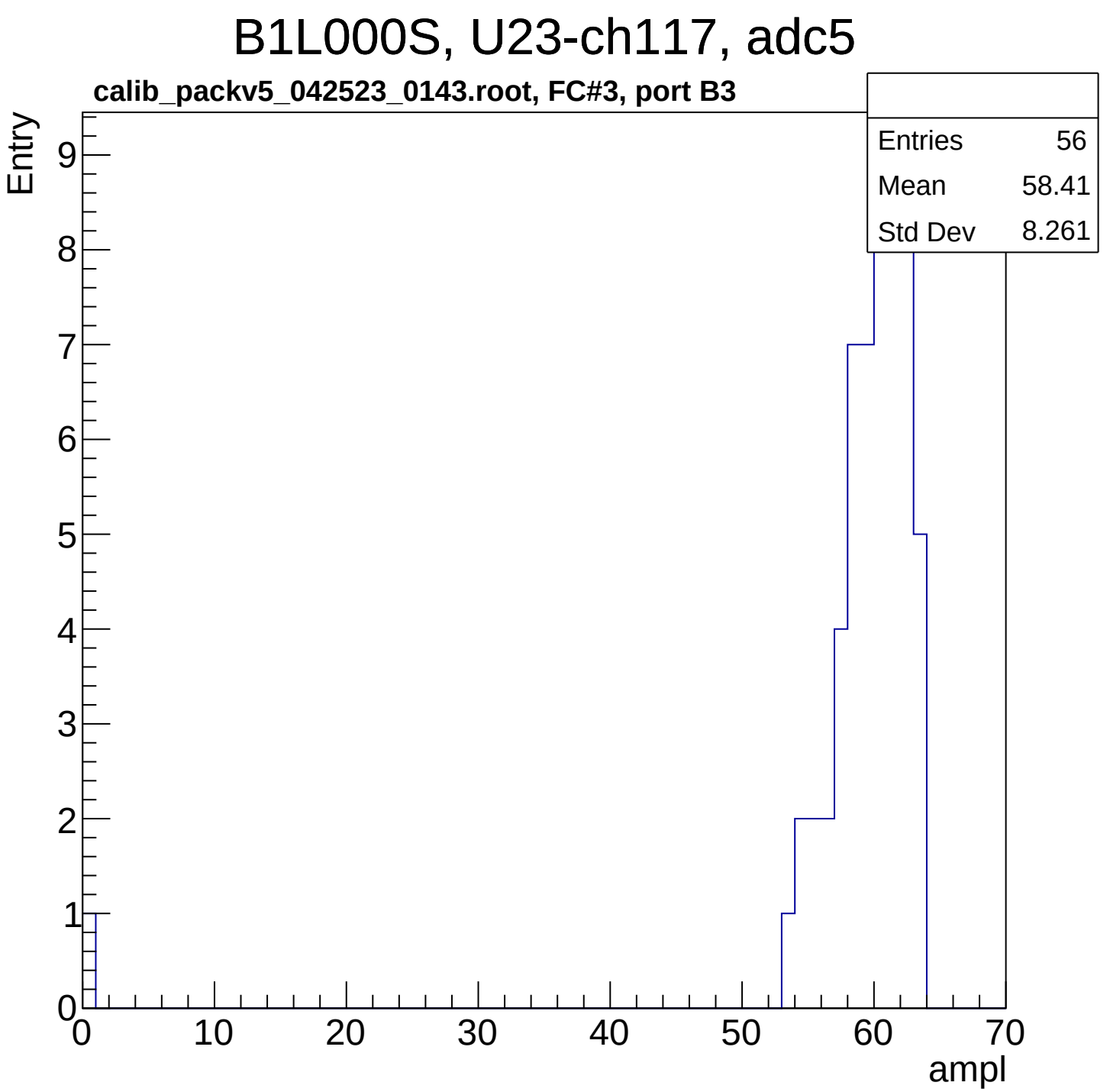
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

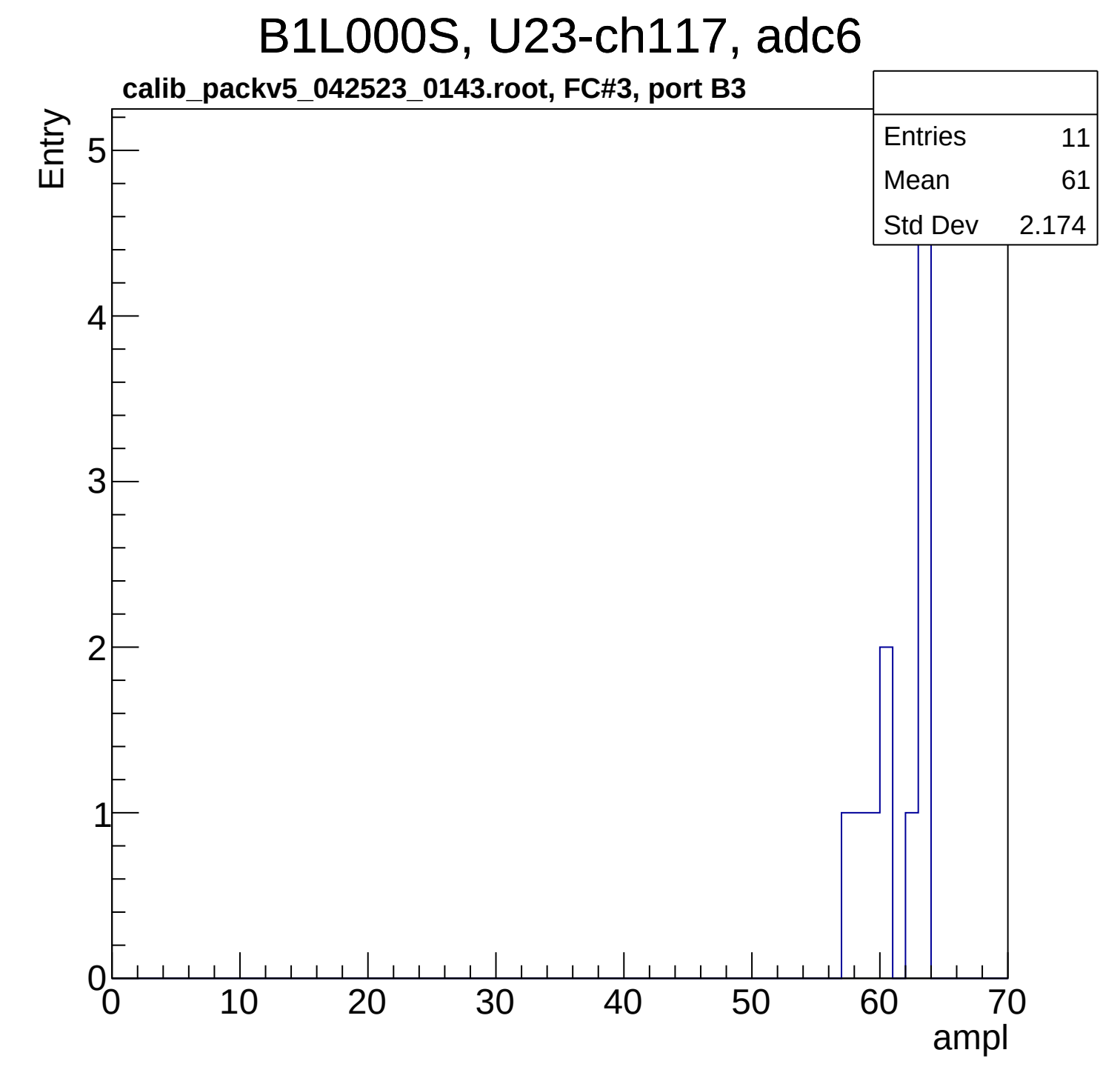

B1L000S, U23-ch117, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 34.81
Std Dev 5.14
Gaus mean : 35.5224
Gaus Width: 2.9831
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

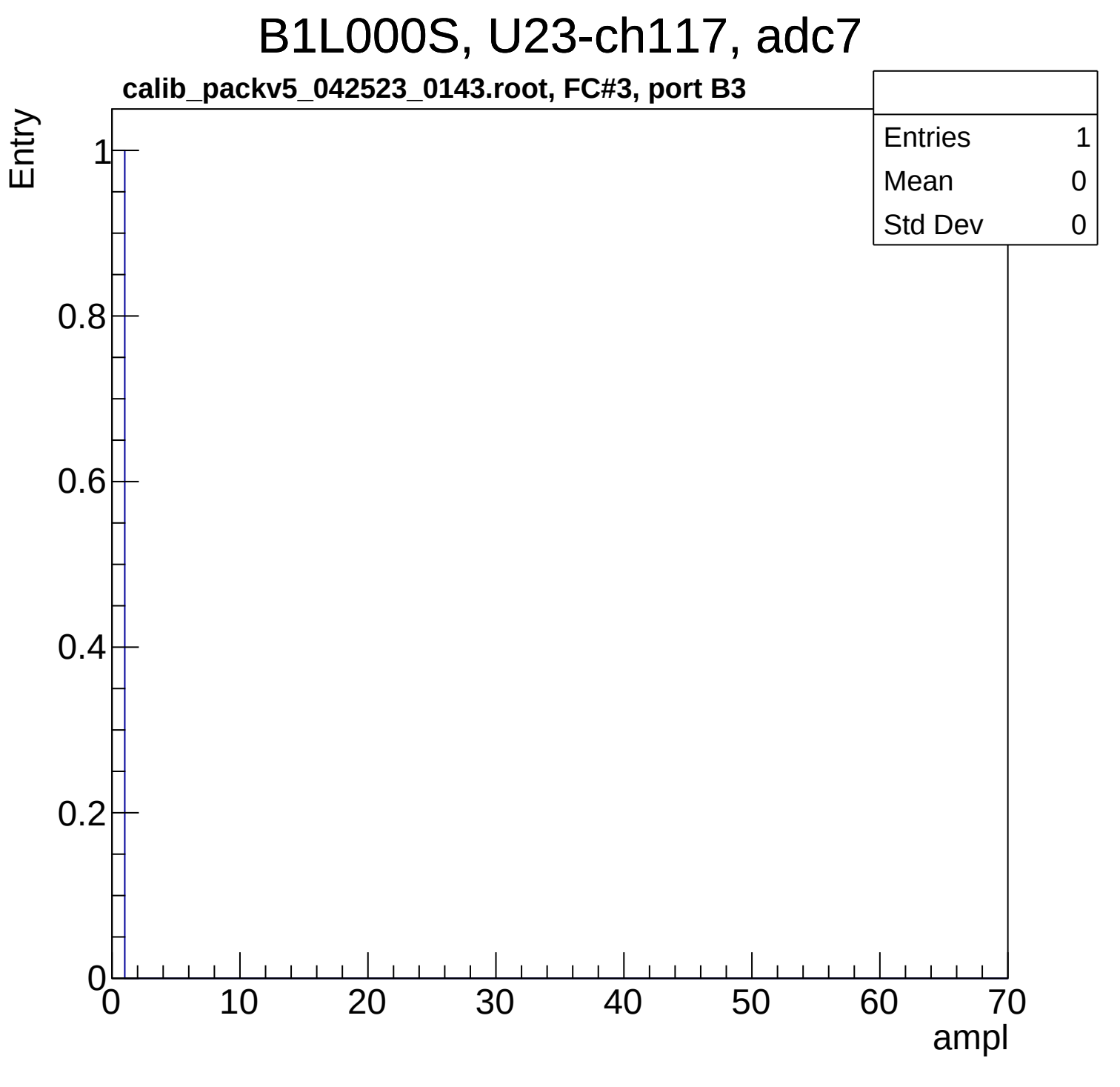

B1L000S, U23-ch117, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 42.07
Std Dev 3.357
Gaus mean : 42.3515
Gaus Width: 3.3520
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

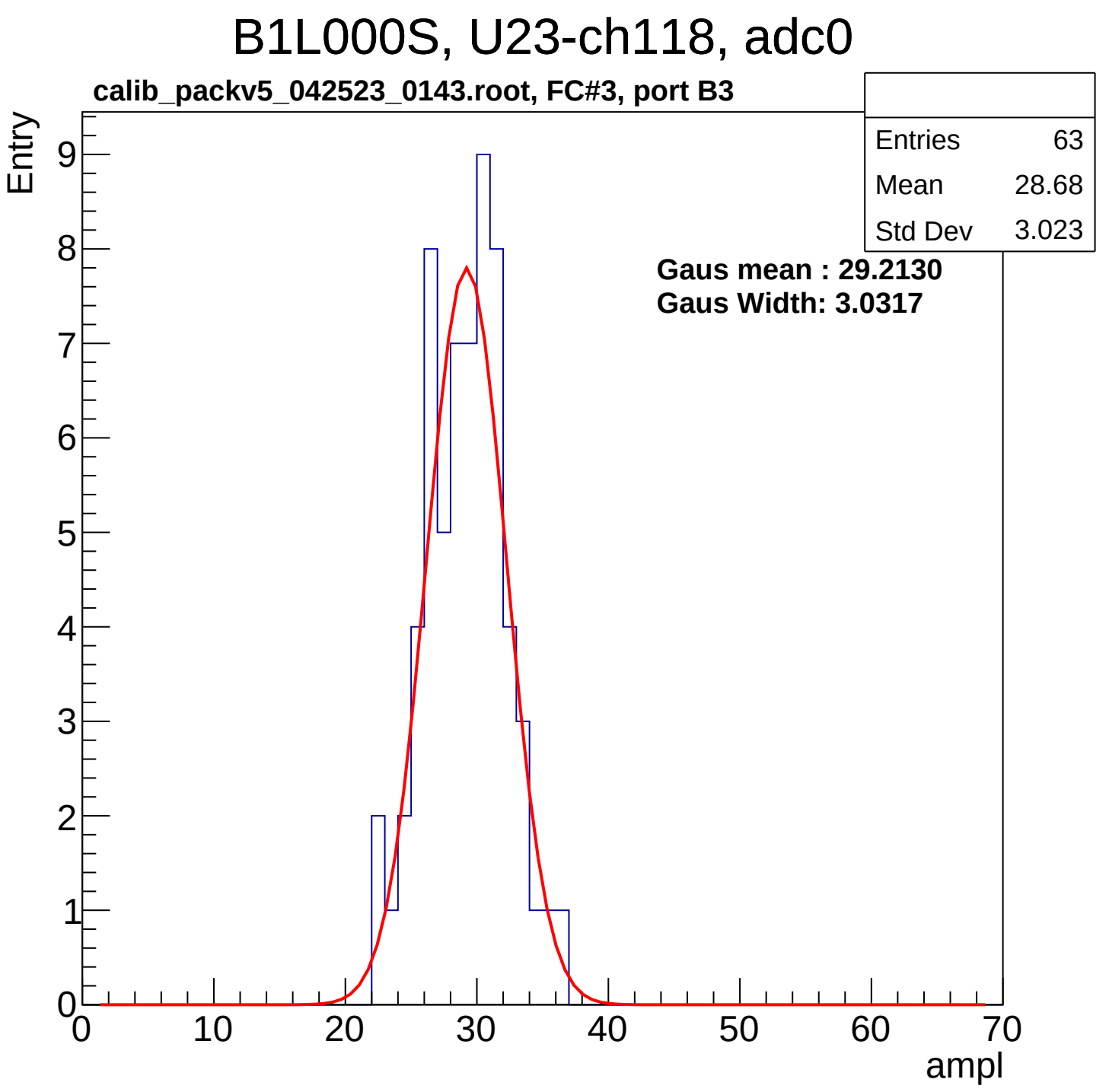

B1L000S, U23-ch117, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.65
Std Dev 3.193
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch117, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54.24
Std Dev 2.929
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch117, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.41
Std Dev 8.261
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch117, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61
Std Dev 2.174
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U23-ch117, 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, U23-ch118, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.68
Std Dev 3.023
Gaus mean : 29.2130
Gaus Width: 3.0317
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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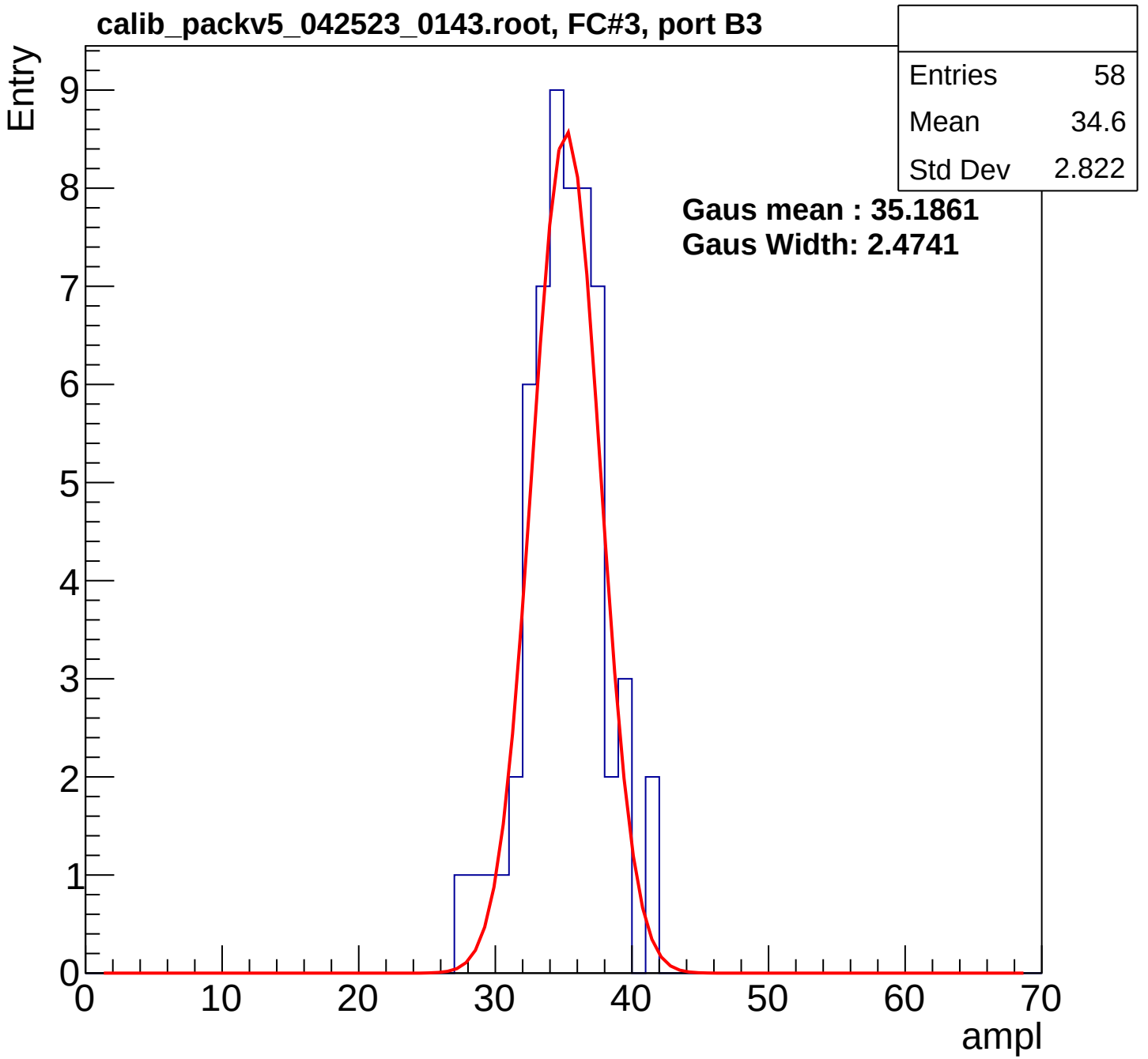
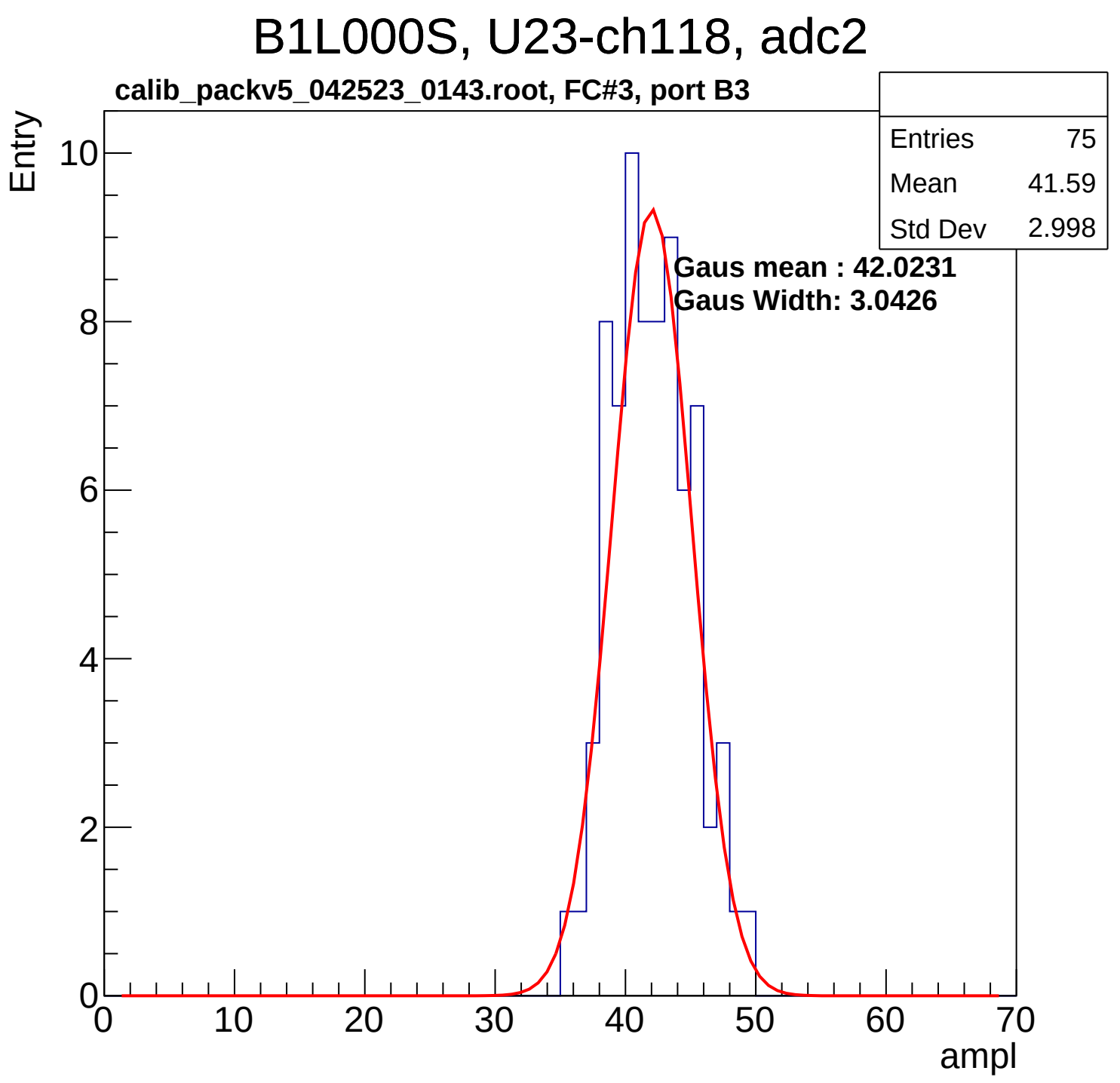

B1L000S, U23-ch118, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 34.6
Std Dev 2.822
Gaus mean : 35.1861
Gaus Width: 2.4741
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch118, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 41.59
Std Dev 2.998
Gaus mean : 42.0231
Gaus Width: 3.0426
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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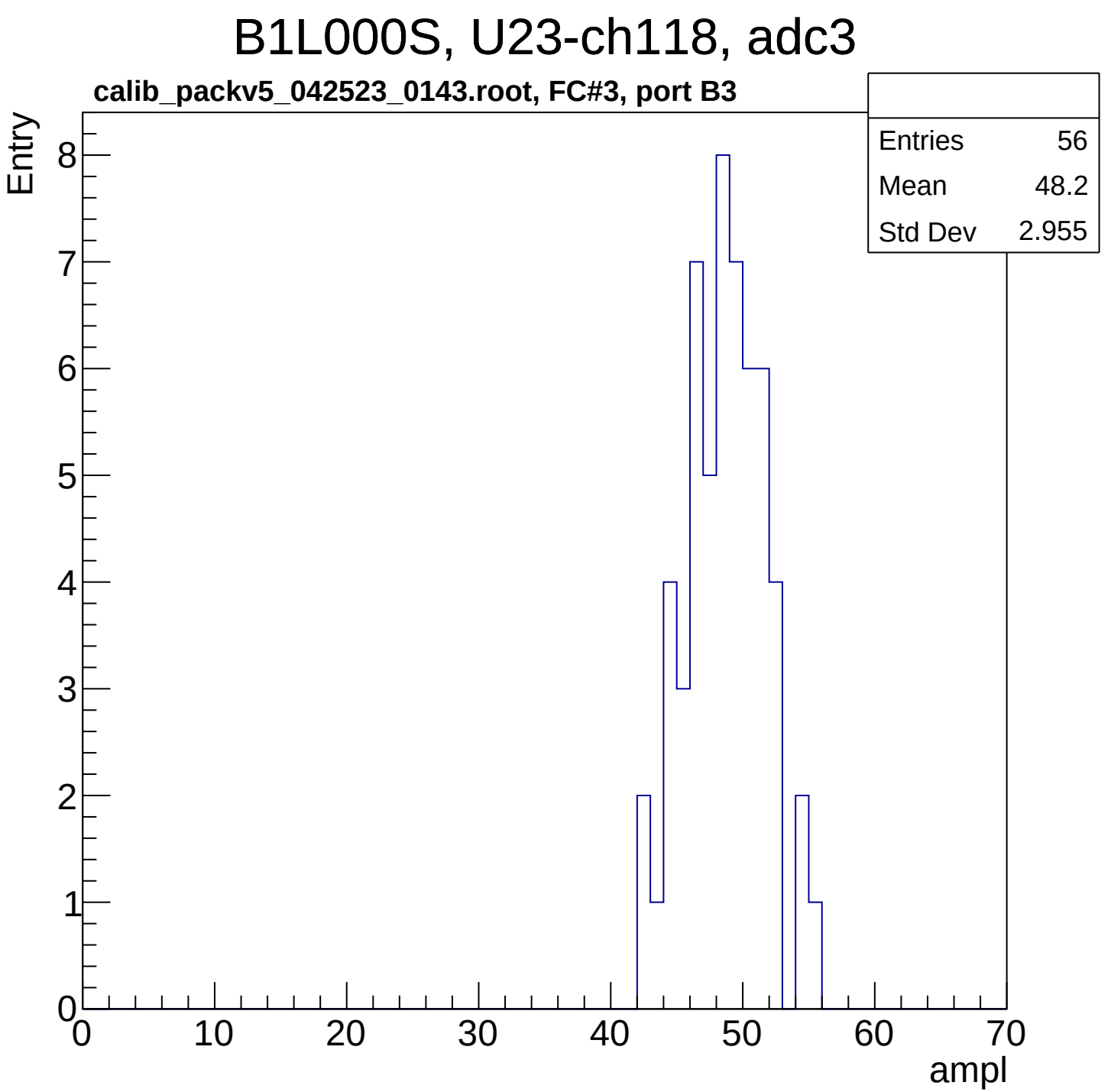
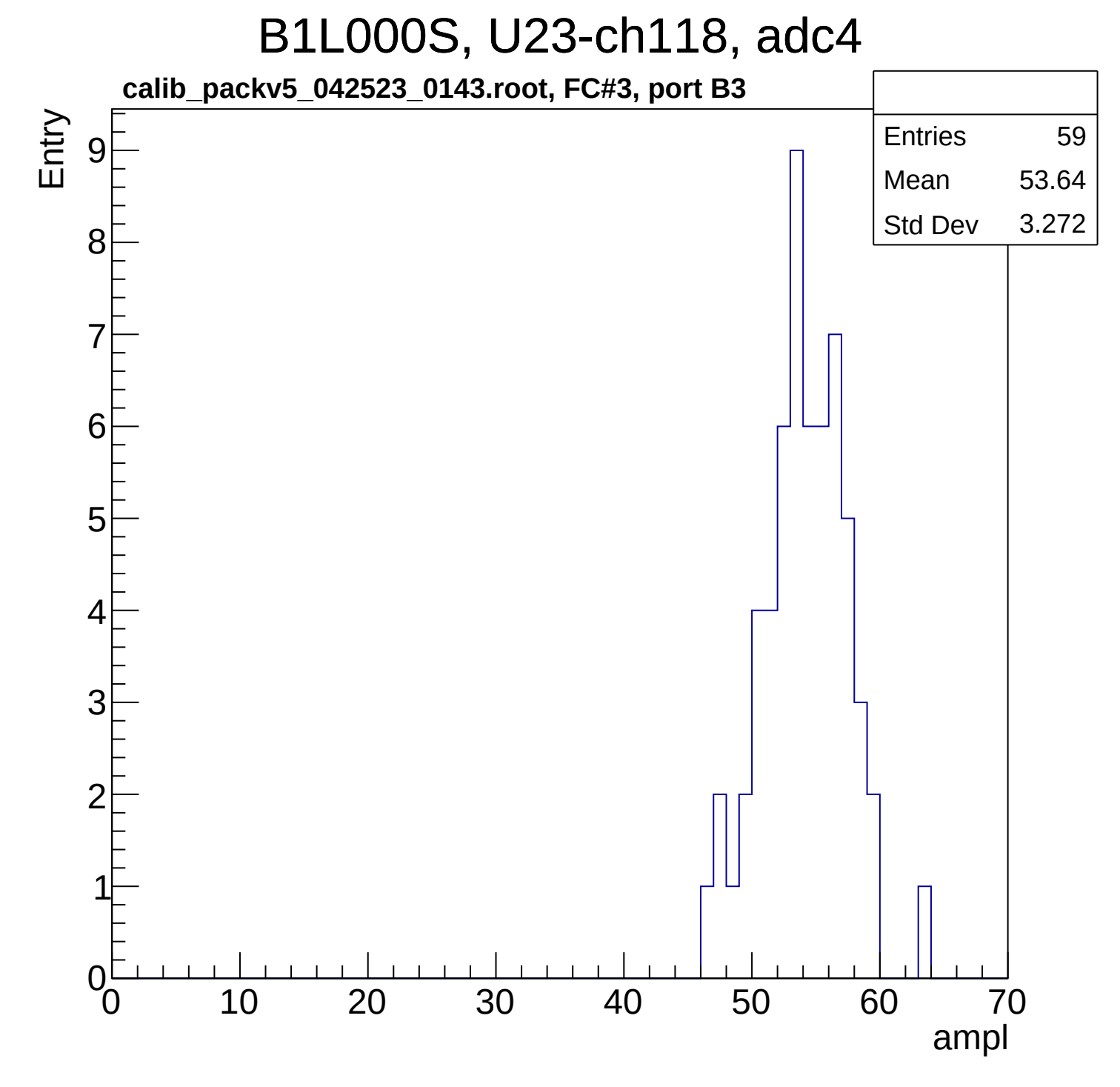

B1L000S, U23-ch118, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 48.2
Std Dev 2.955
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch118, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.64
Std Dev 3.272
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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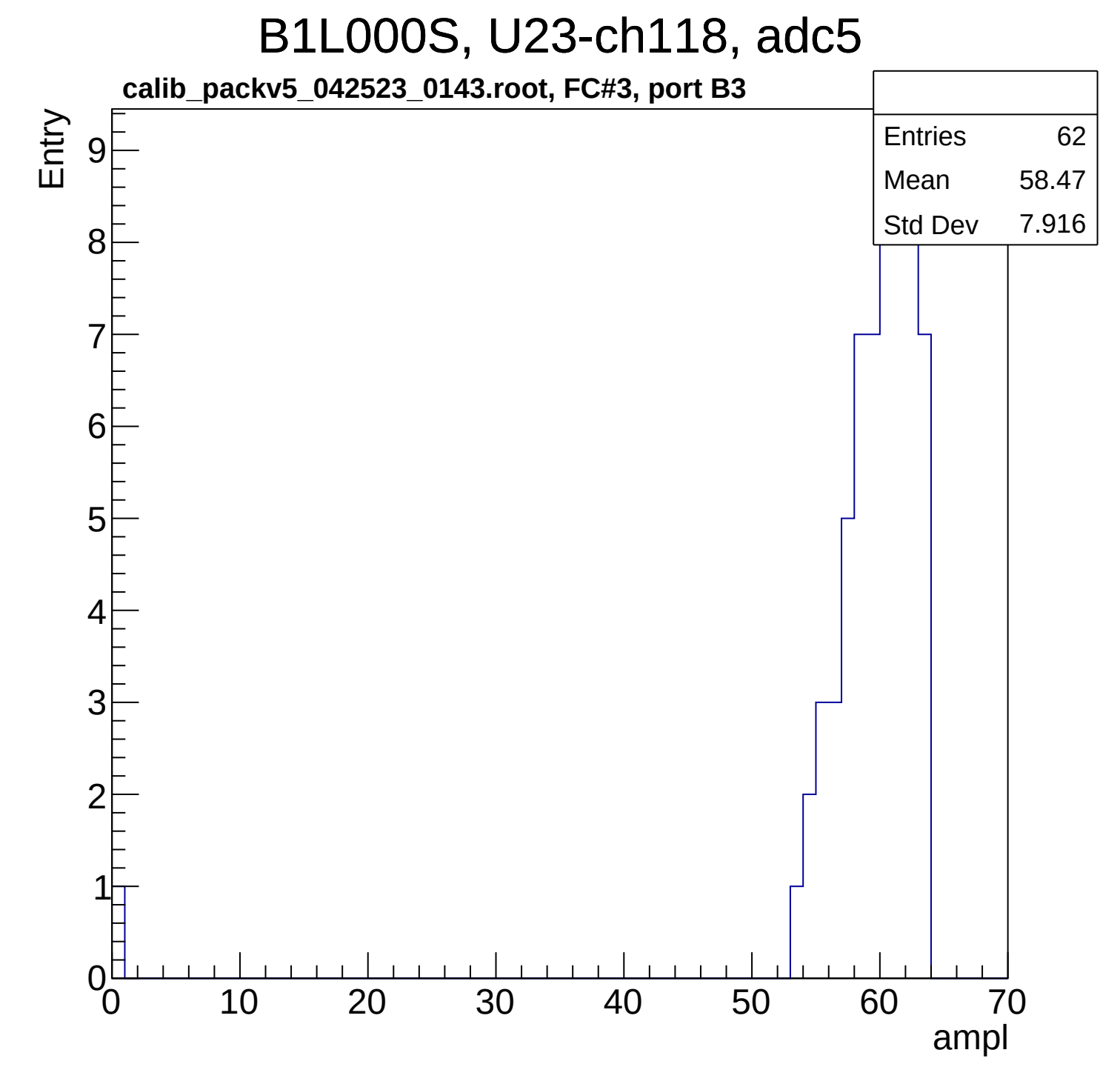
B1L000S, U23-ch118, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 58.47
Std Dev 7.916
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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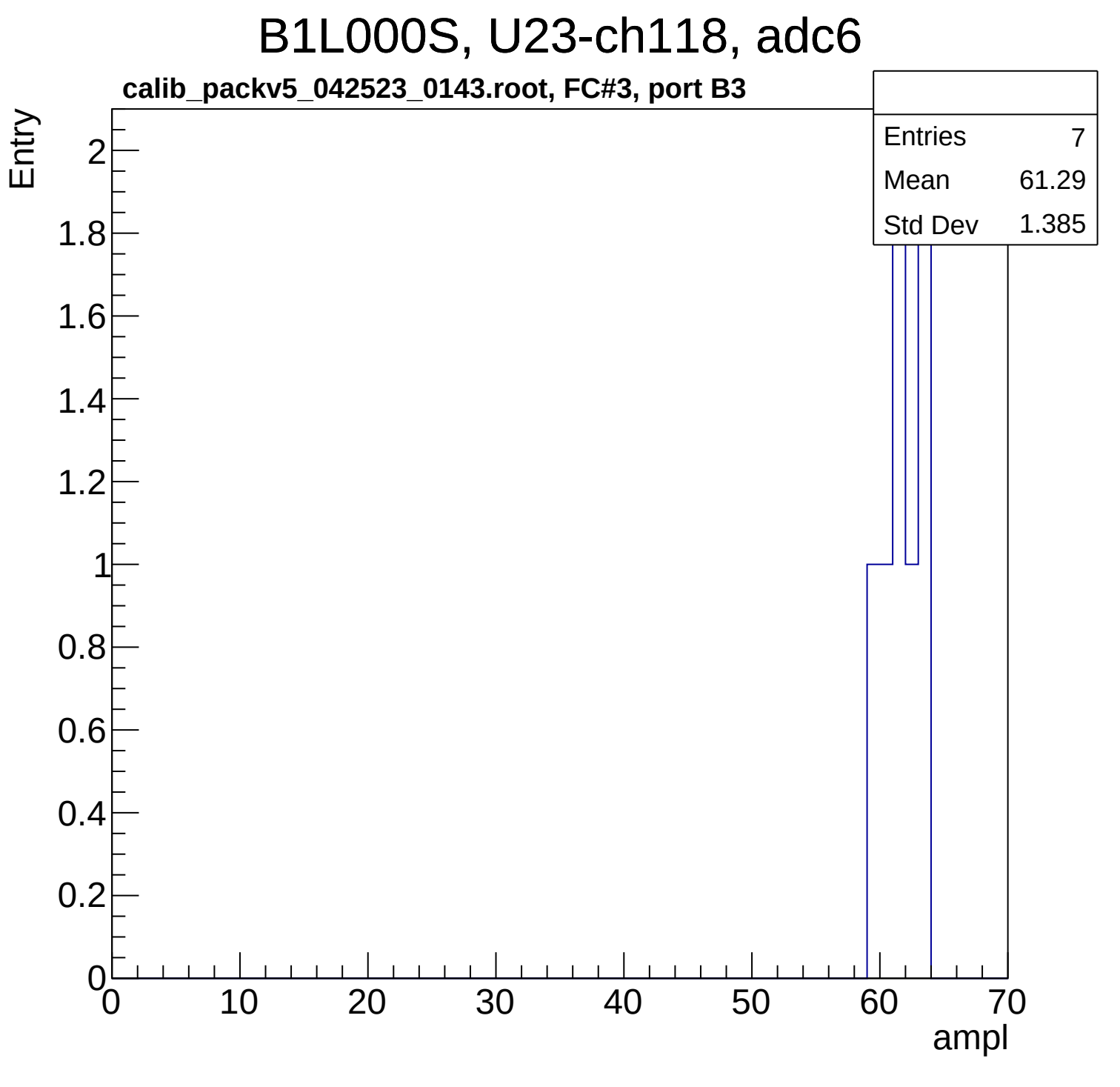
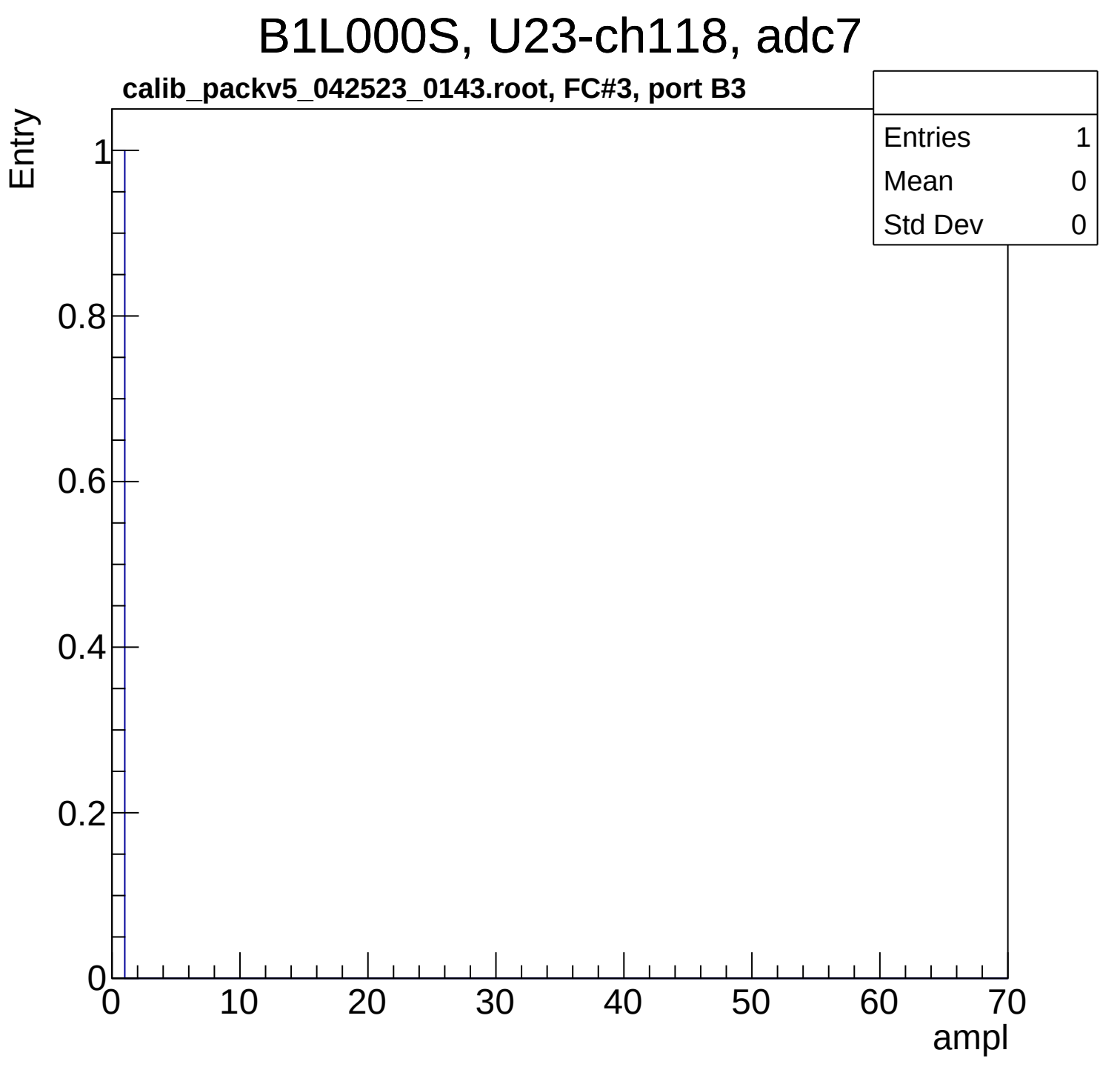
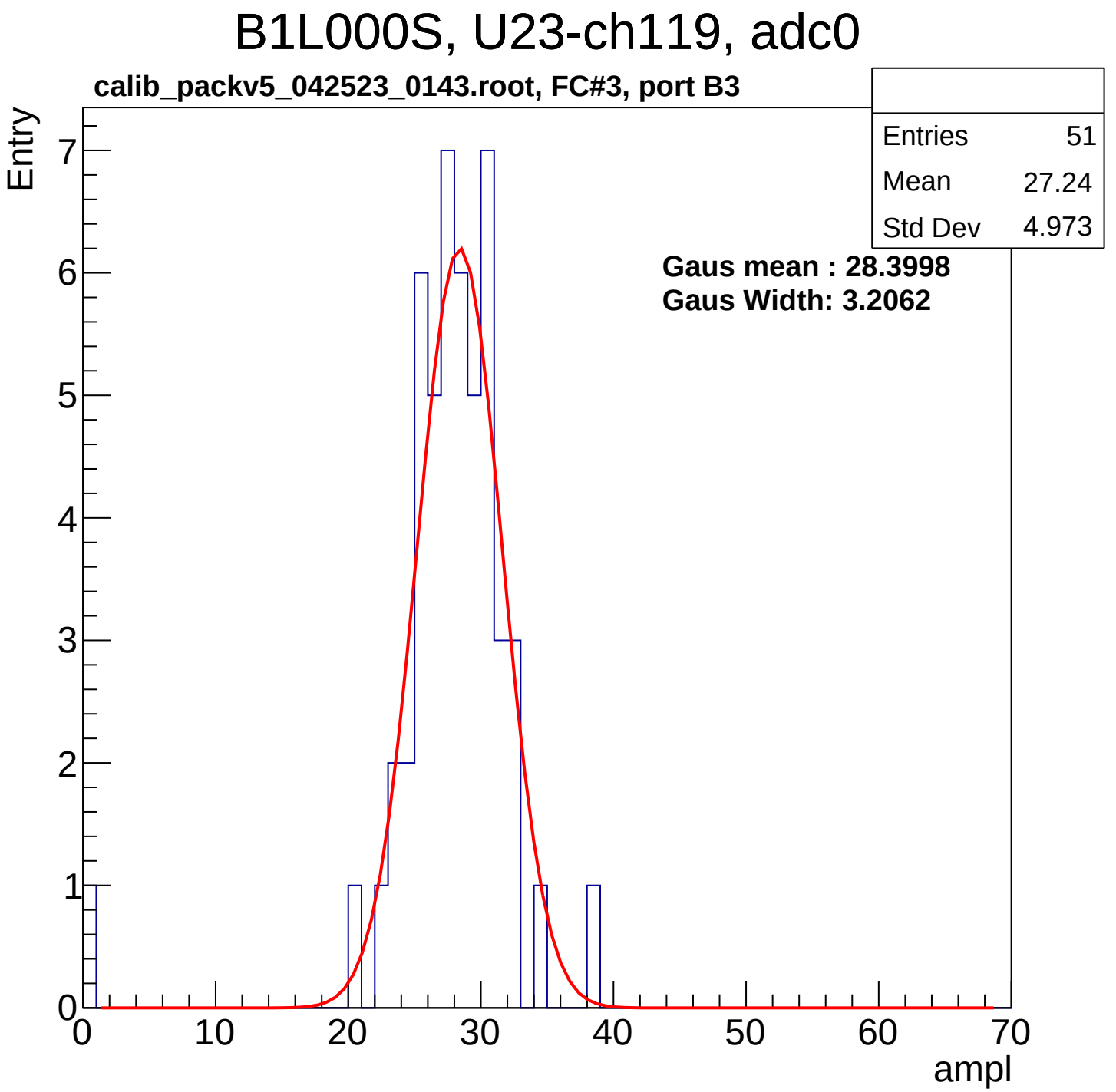
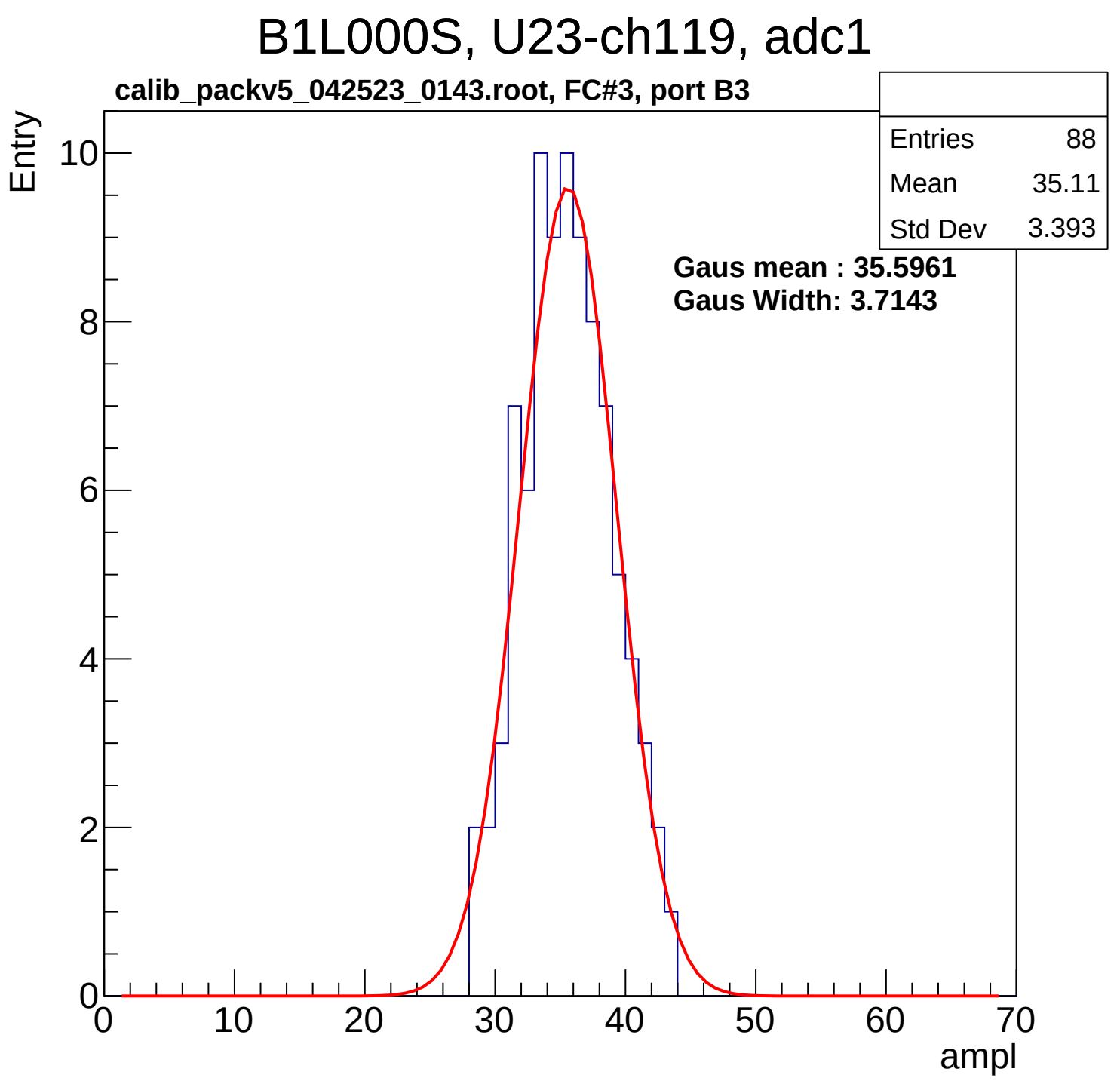
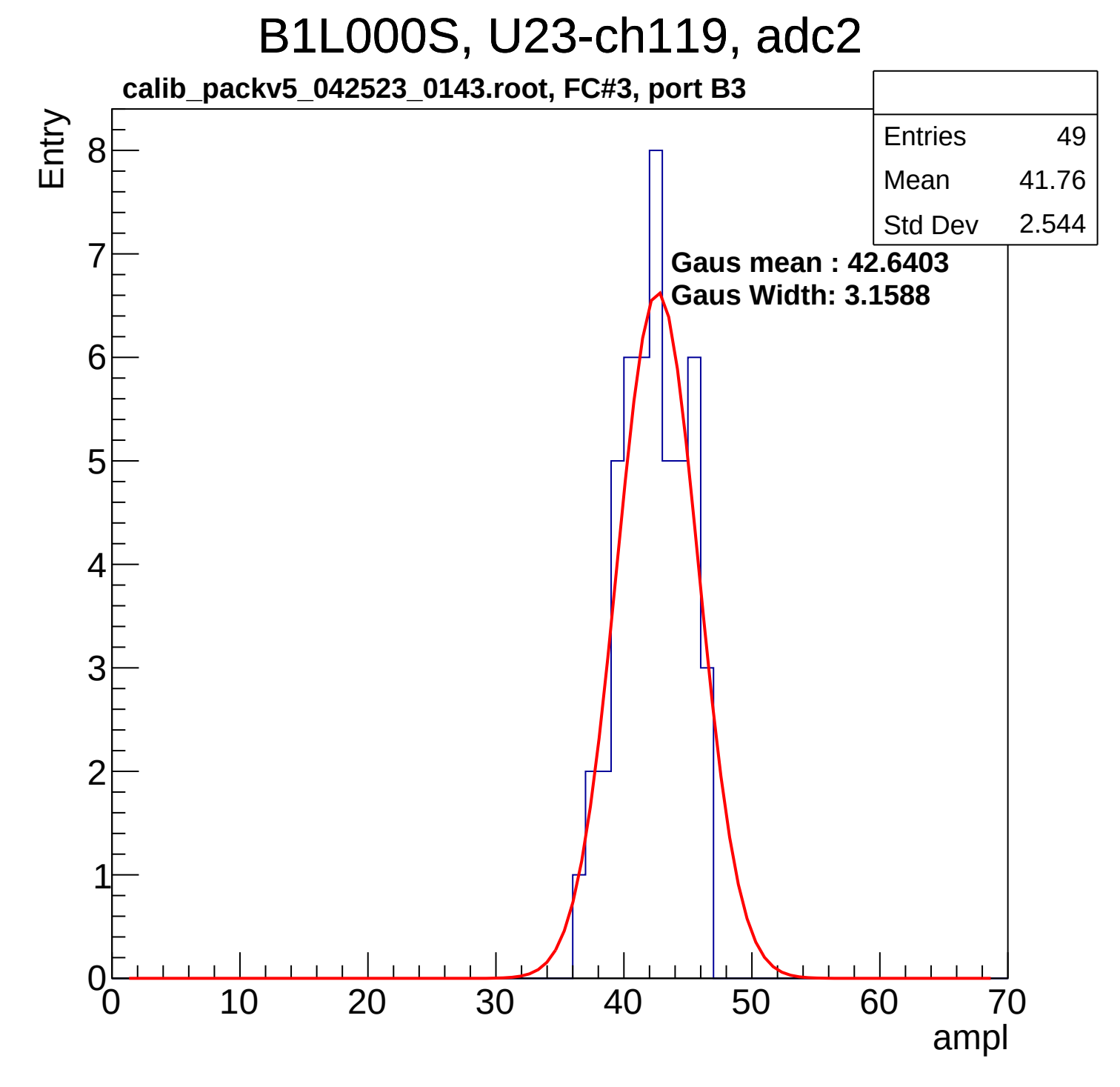

B1L000S, U23-ch118, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 61.29
Std Dev 1.385
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch118, 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, U23-ch119, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 27.24
Std Dev 4.973
Gaus mean : 28.3998
Gaus Width: 3.2062
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch119, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 88
Mean 35.11
Std Dev 3.393
Gaus mean : 35.5961
Gaus Width: 3.7143
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch119, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 41.76
Std Dev 2.544
Gaus mean : 42.6403
Gaus Width: 3.1588
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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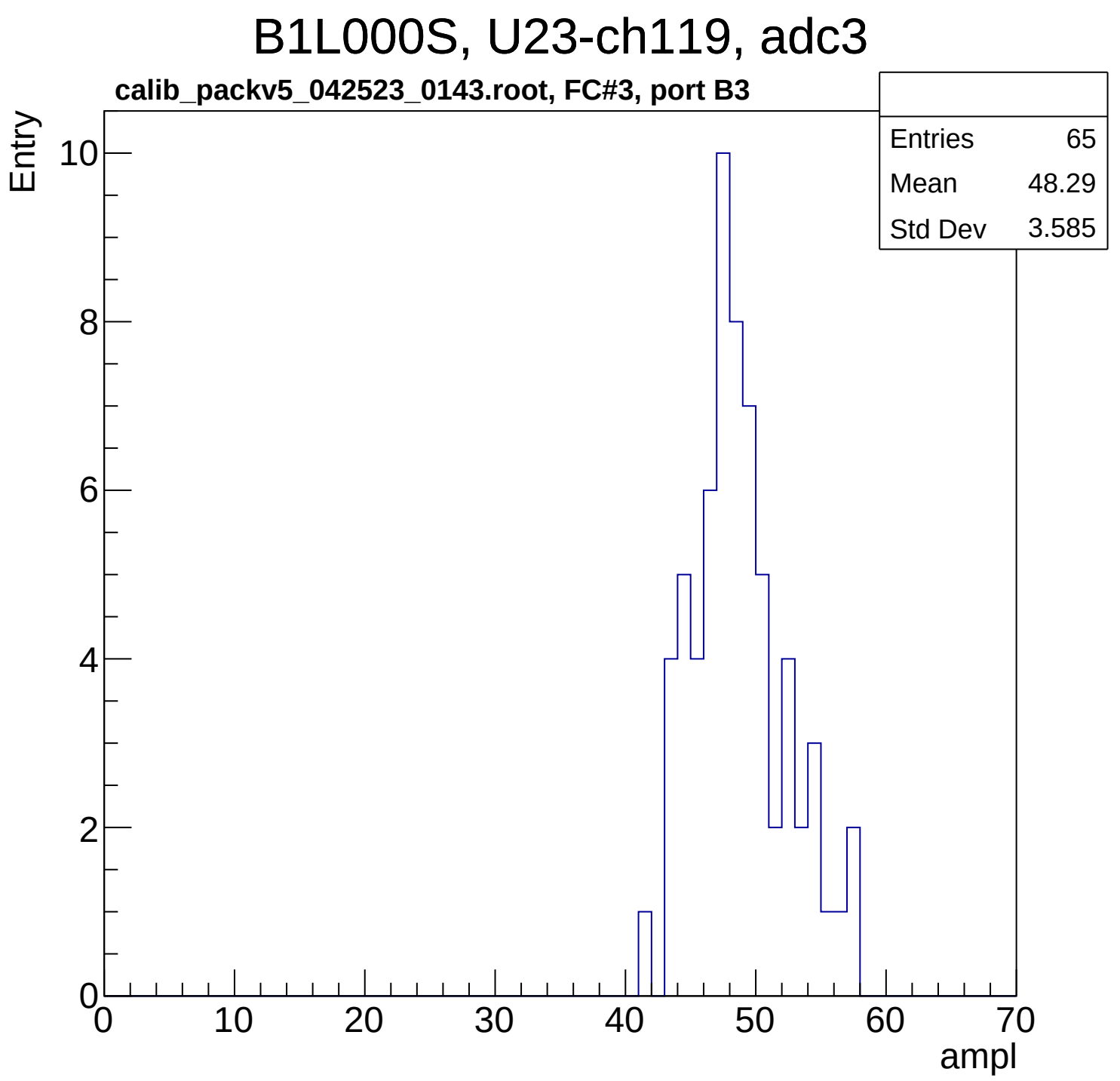
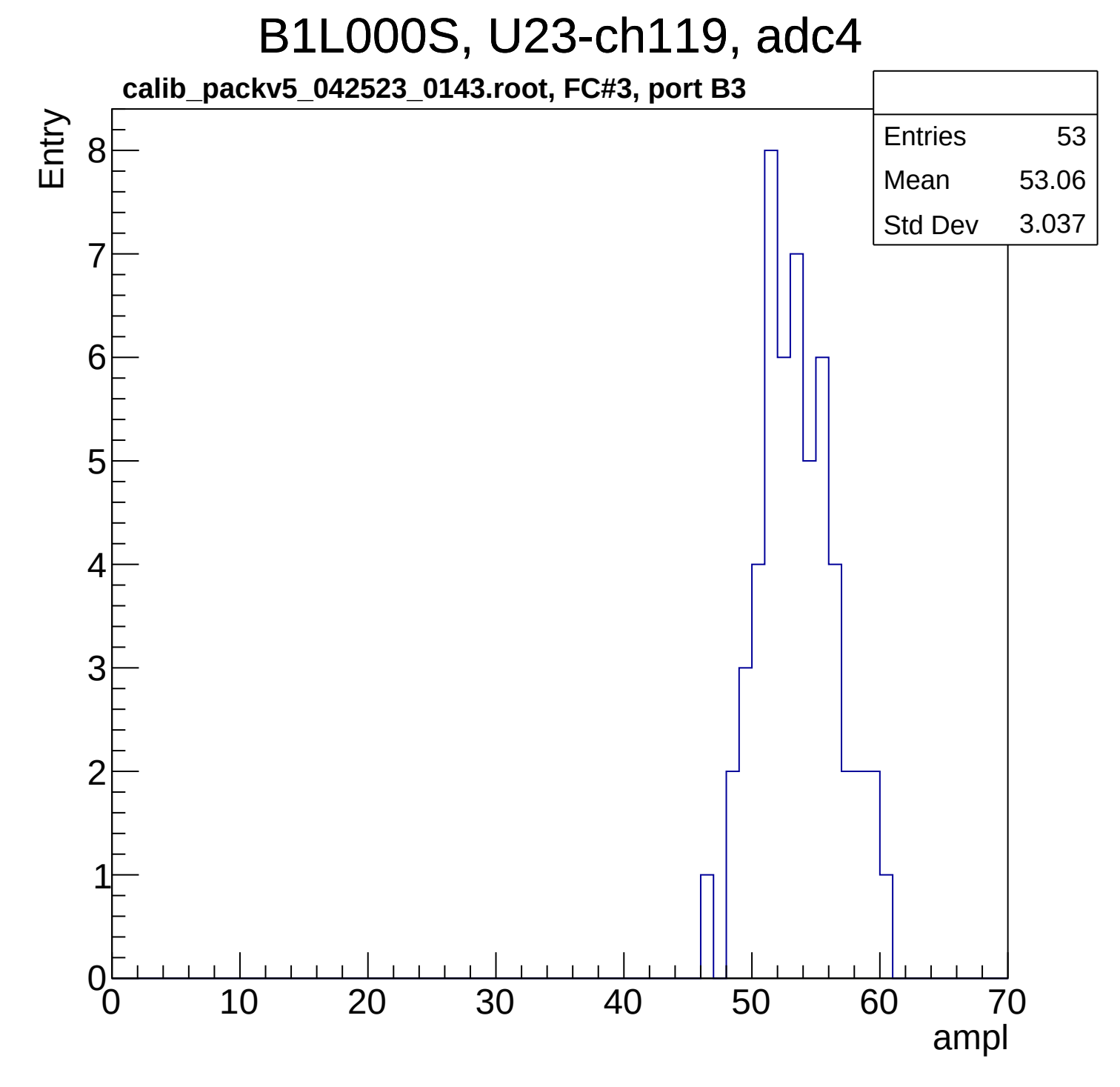
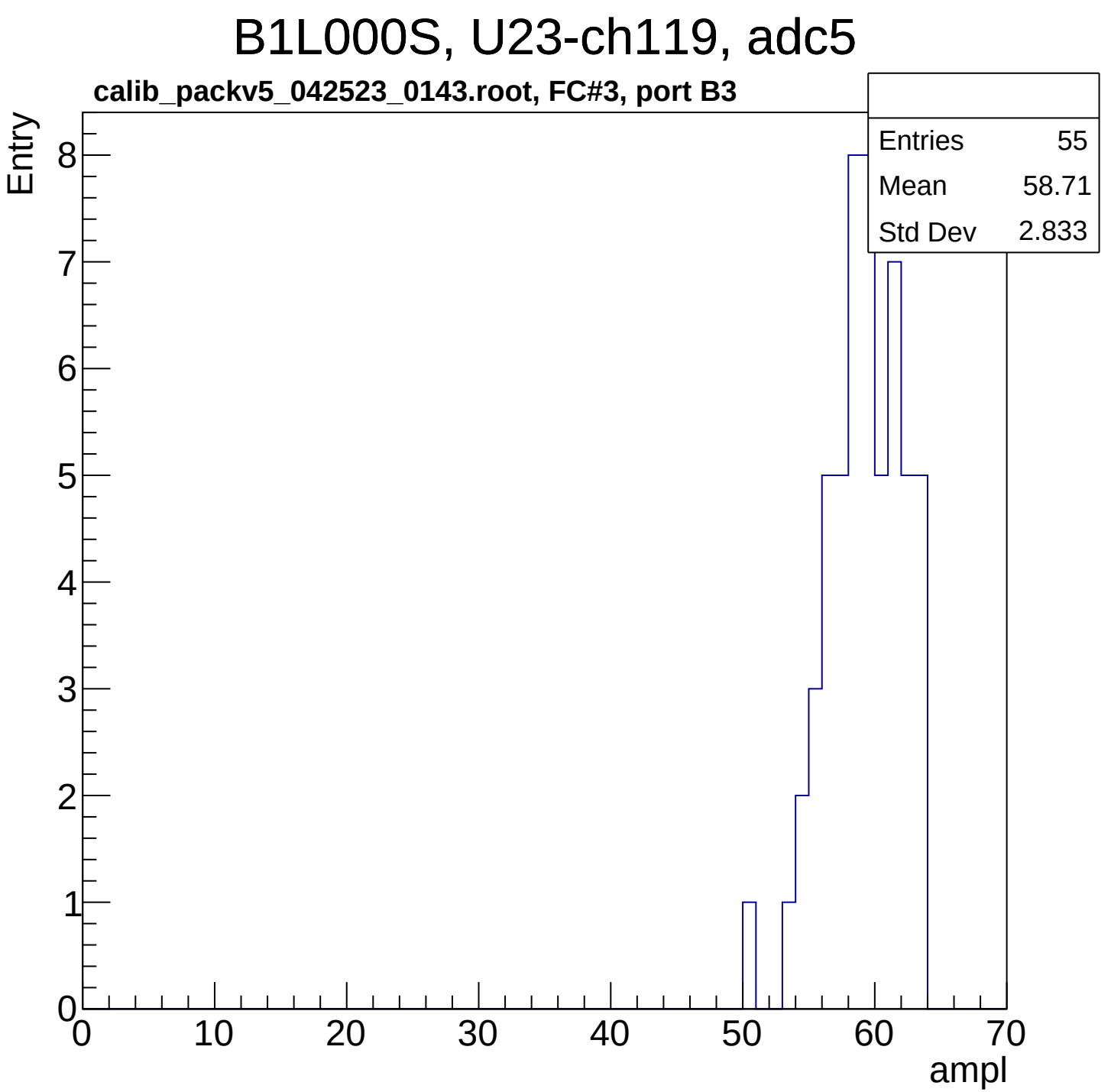

B1L000S, U23-ch119, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 48.29
Std Dev 3.585
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch119, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.06
Std Dev 3.037
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch119, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.71
Std Dev 2.833
Entry
ampl
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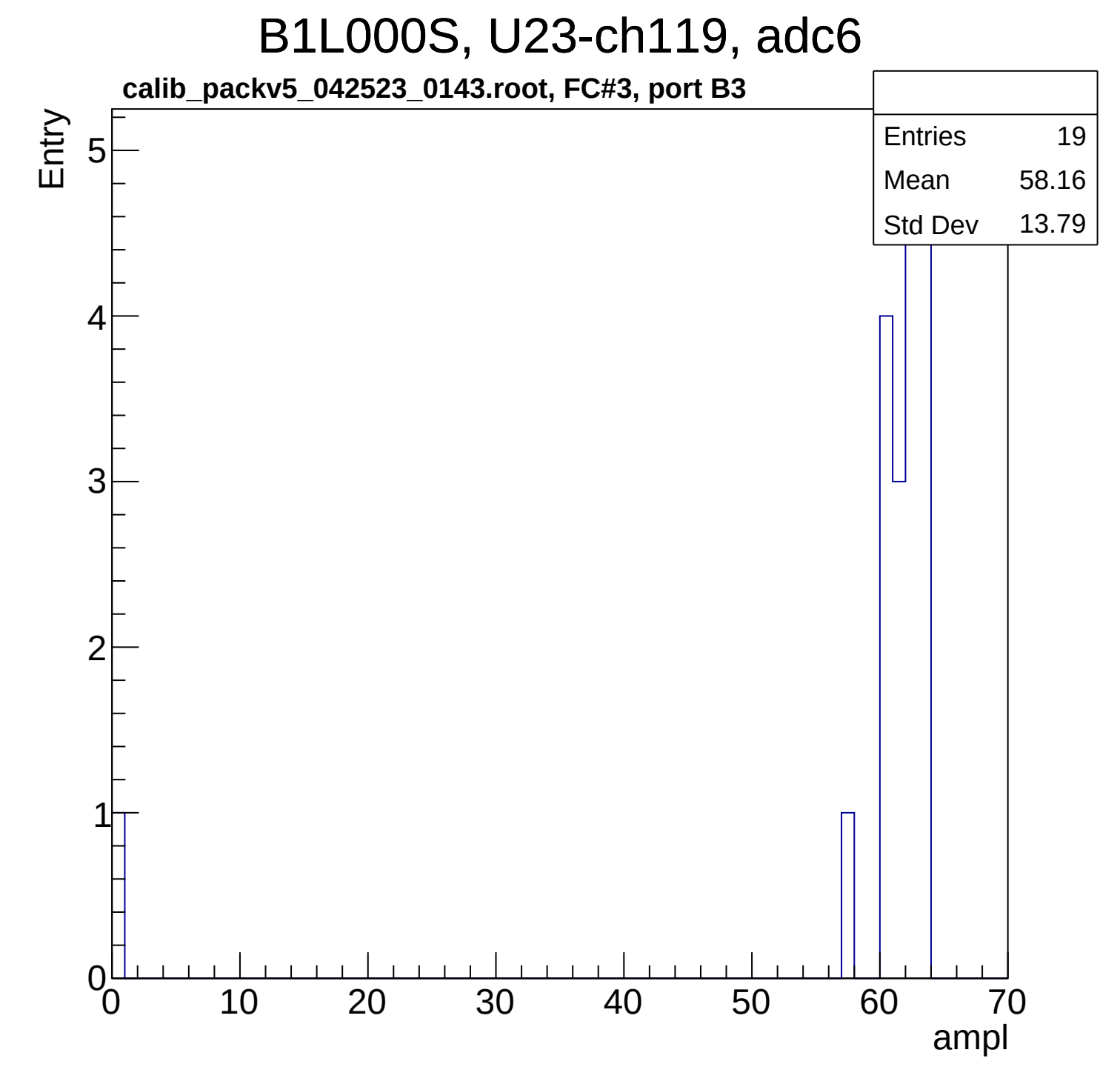
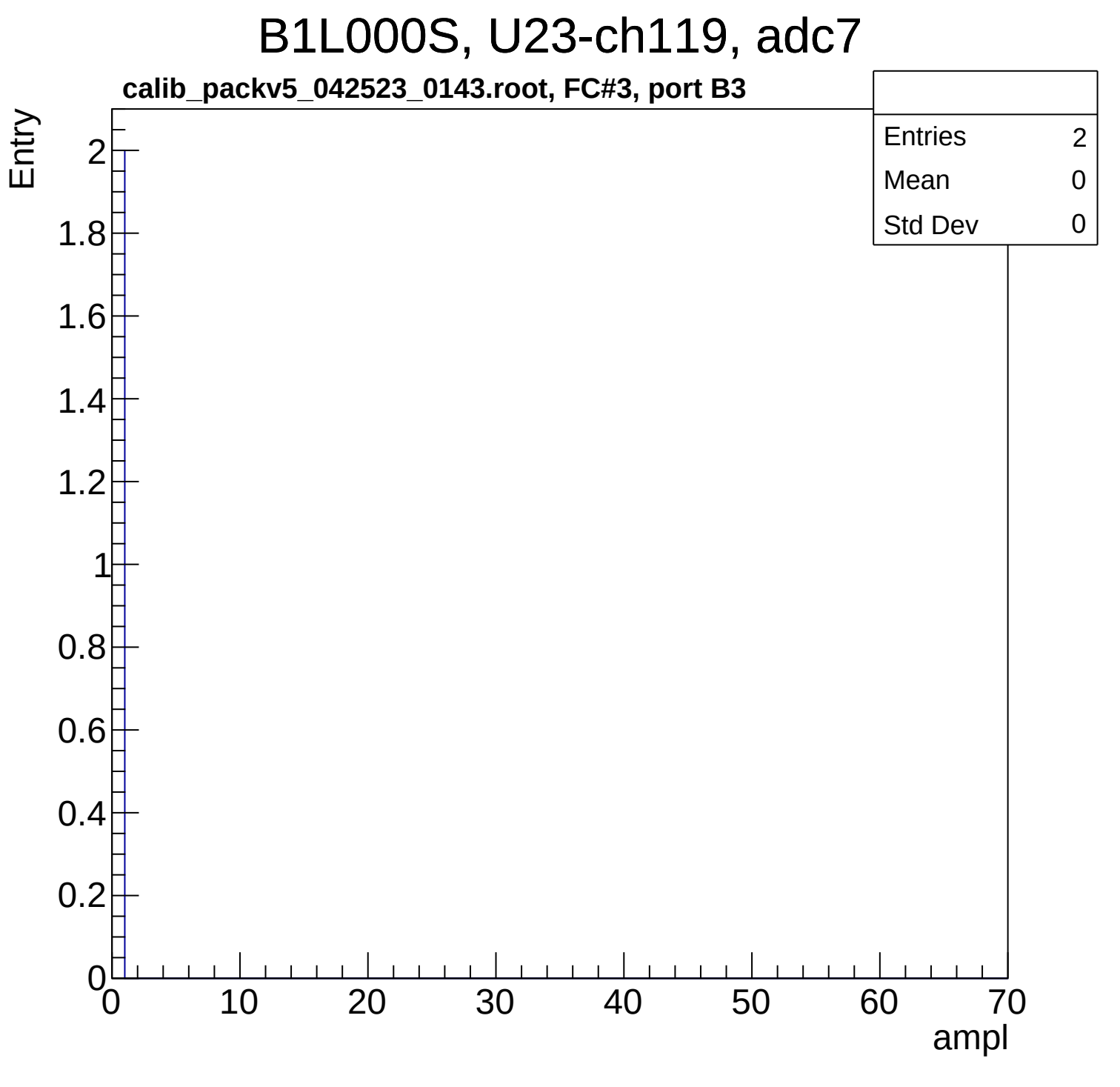
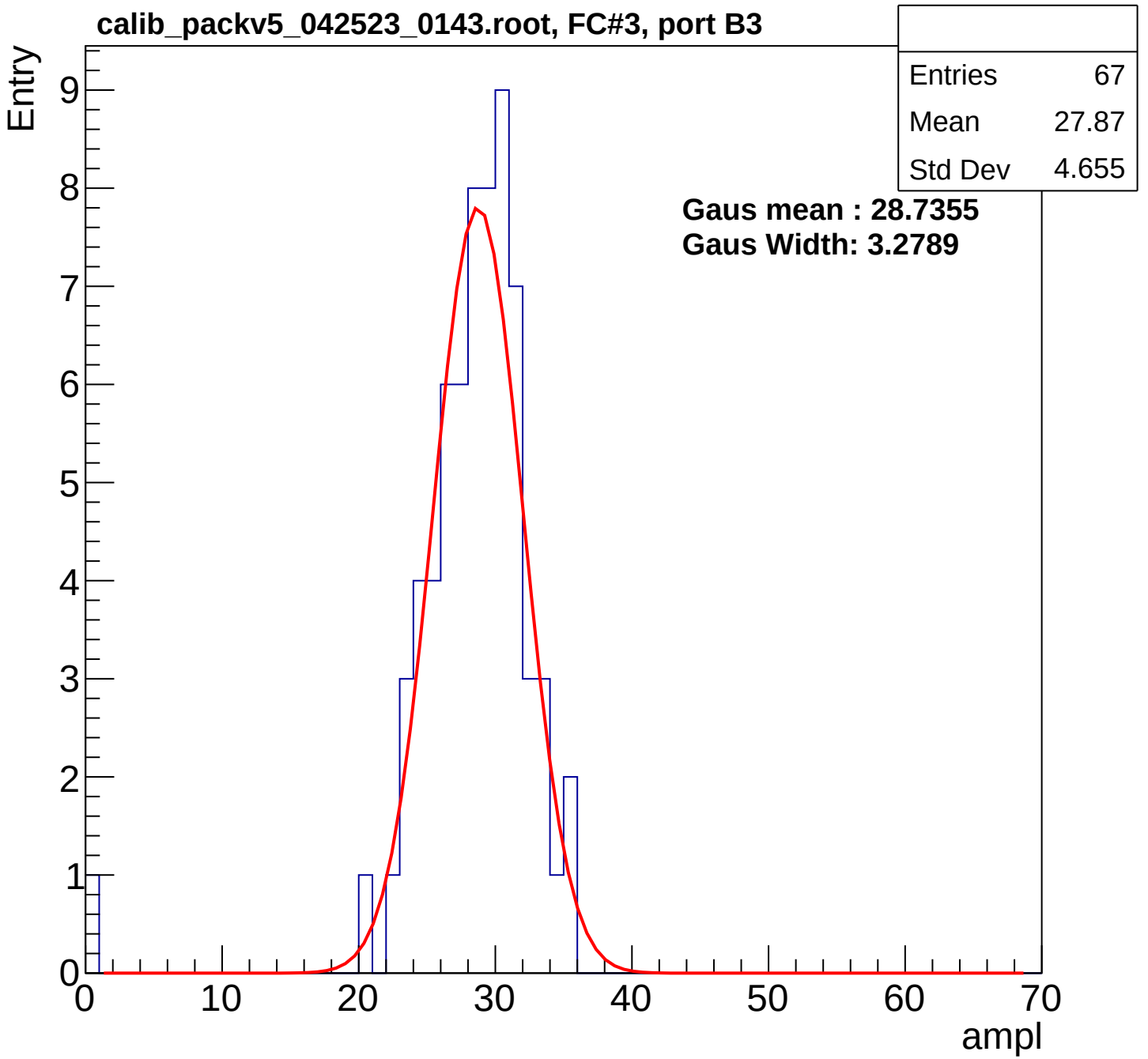
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch119, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.16
Std Dev 13.79
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch119, 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
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U23-ch120, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 27.87
Std Dev 4.655
Gaus mean : 28.7355
Gaus Width: 3.2789
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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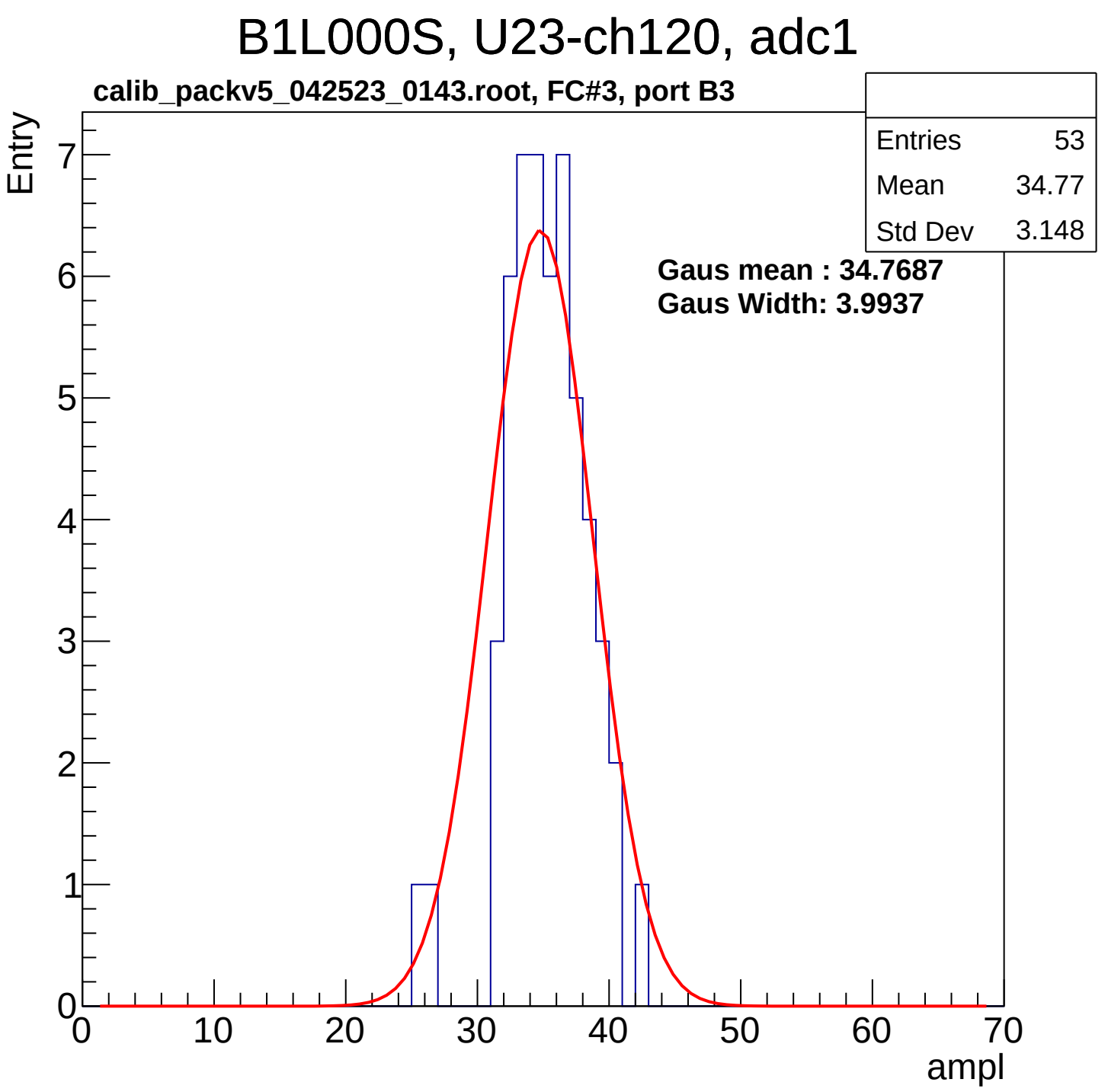
B1L000S, U23-ch120, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 34.77
Std Dev 3.148
Gaus mean : 34.7687
Gaus Width: 3.9937
Entry
ampl
0
1
2
3
4
5
6
7
0
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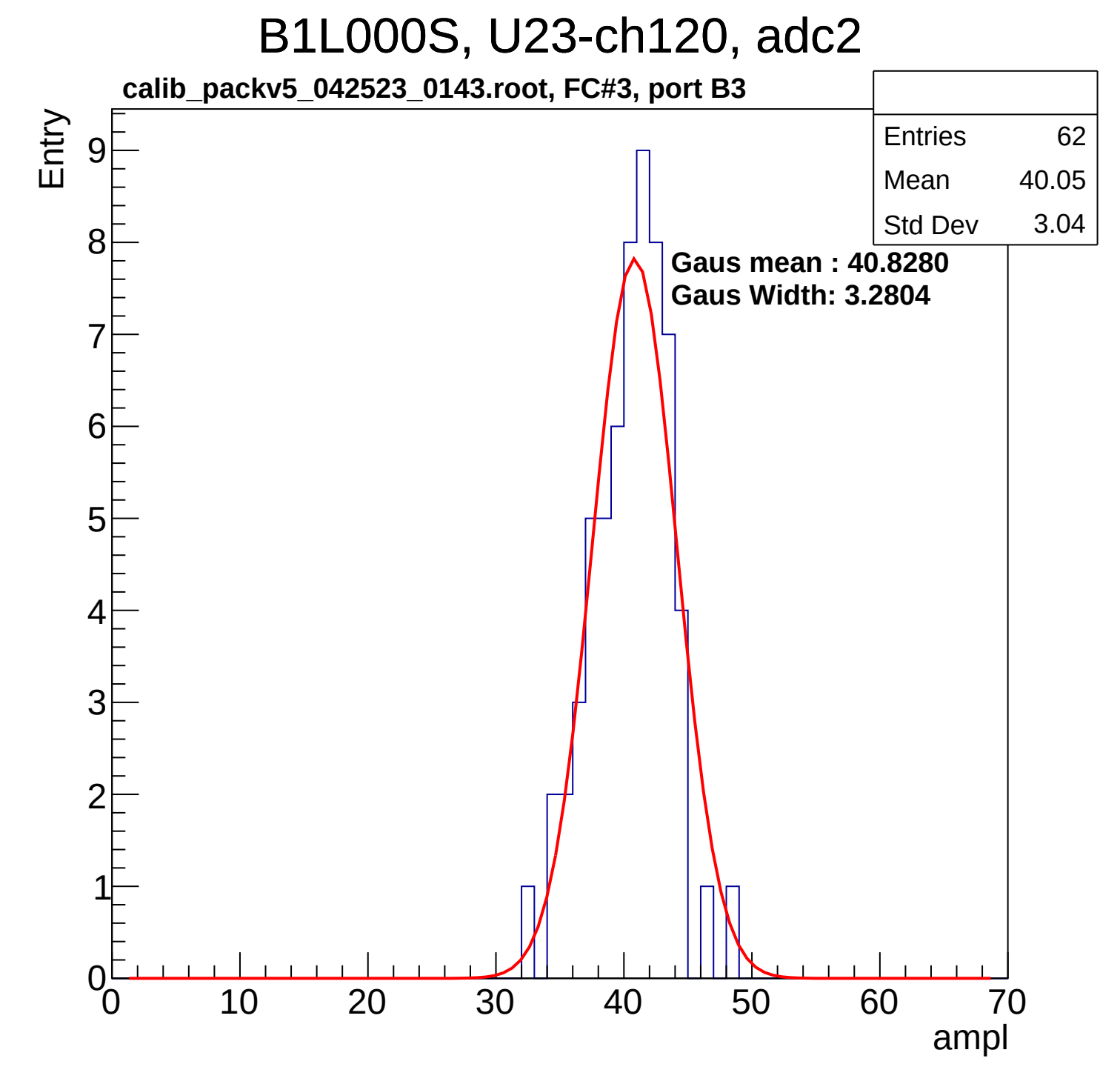
B1L000S, U23-ch120, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 40.05
Std Dev 3.04
Gaus mean : 40.8280
Gaus Width: 3.2804
Entry
ampl
0
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2
3
4
5
6
7
8
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0
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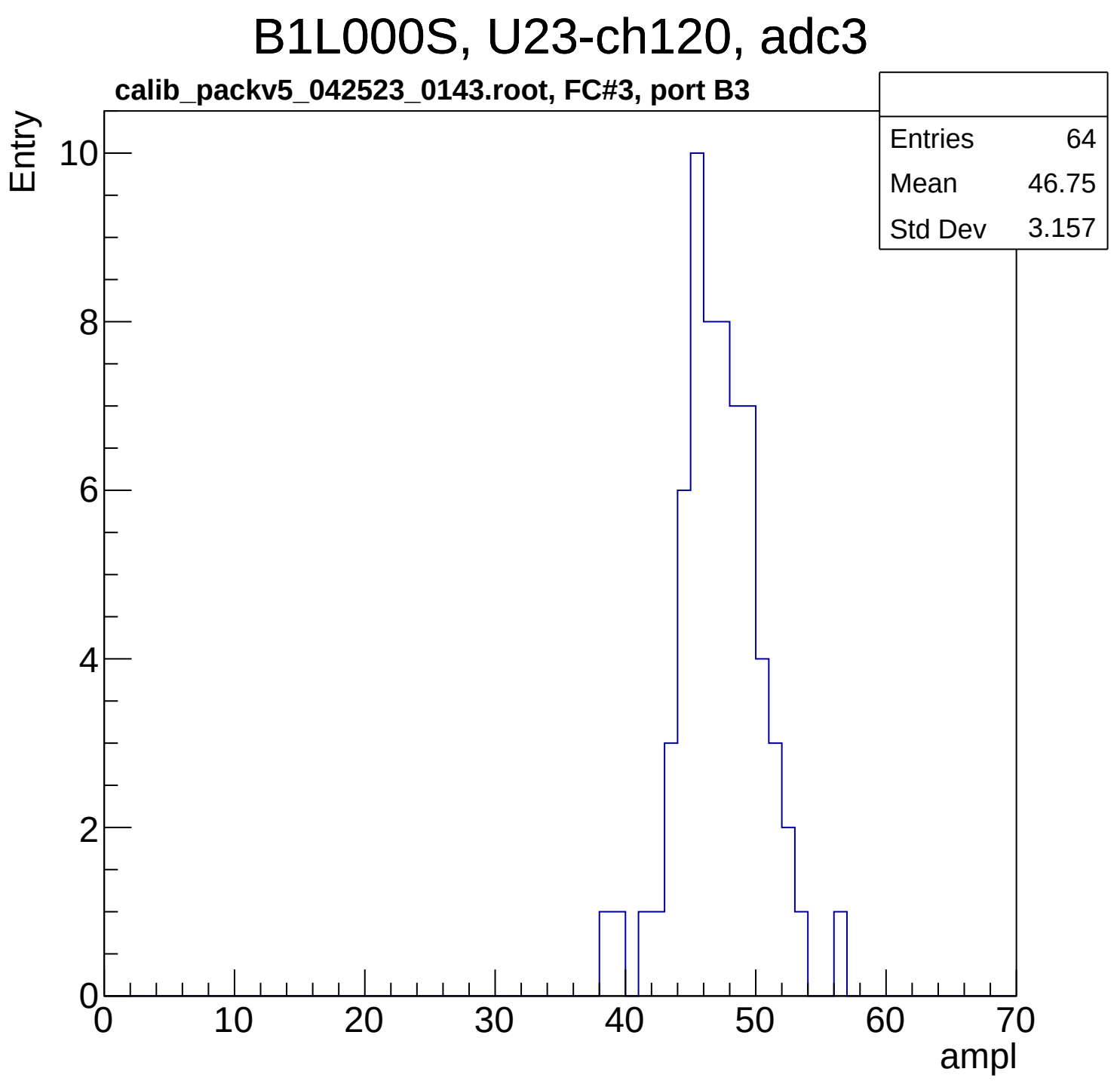
B1L000S, U23-ch120, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 46.75
Std Dev 3.157
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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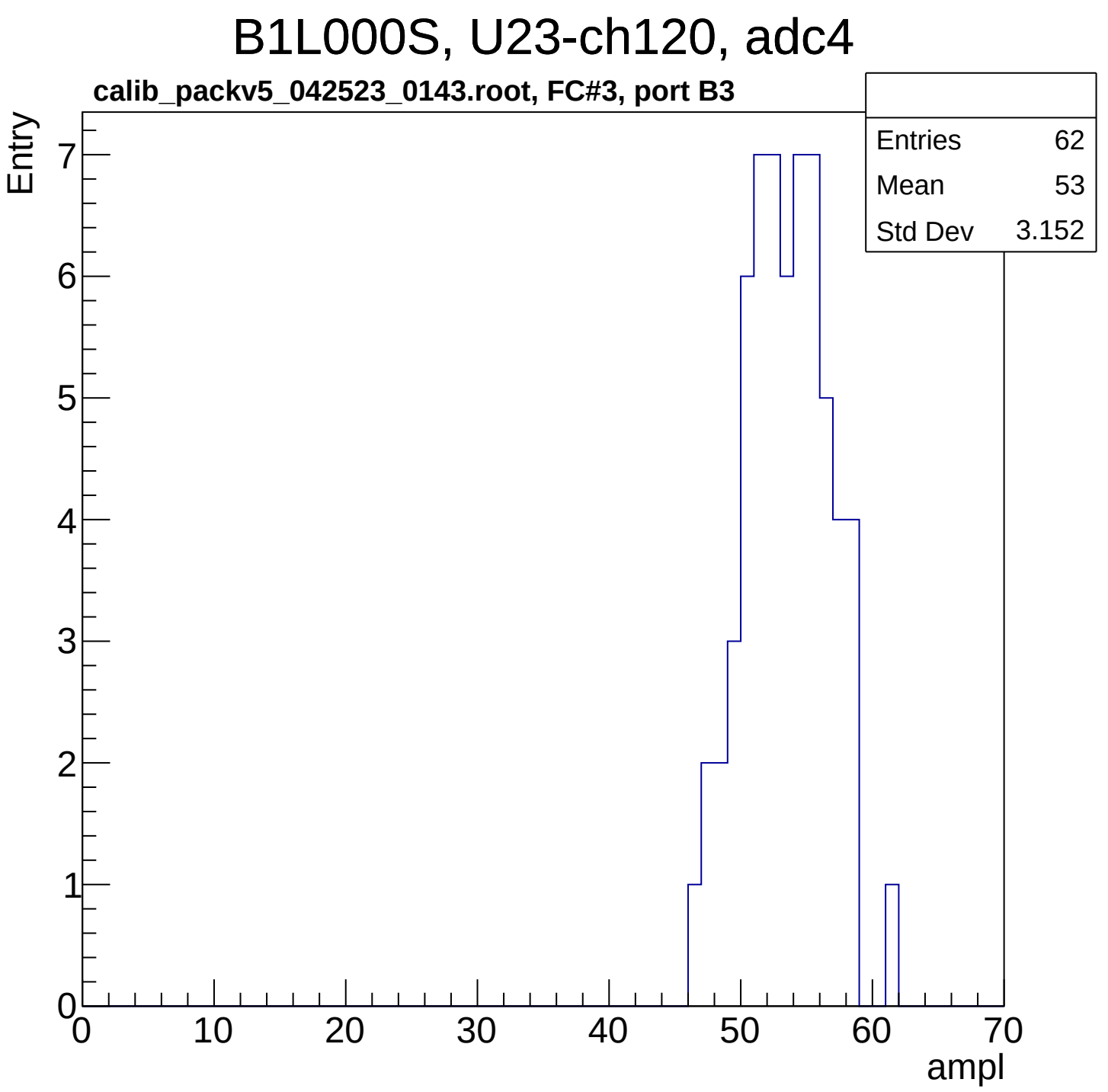
B1L000S, U23-ch120, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53
Std Dev 3.152
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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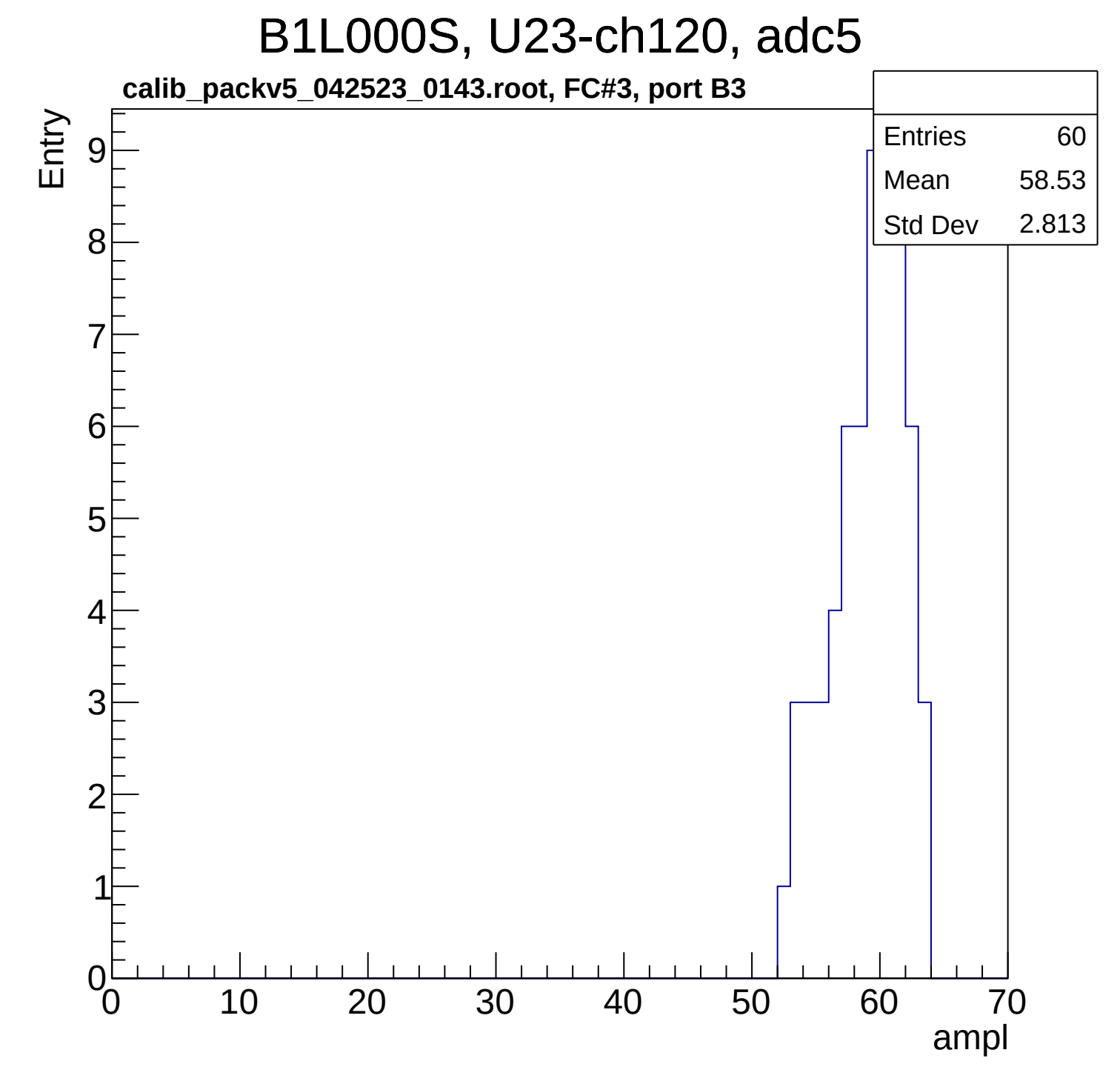
B1L000S, U23-ch120, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.53
Std Dev 2.813
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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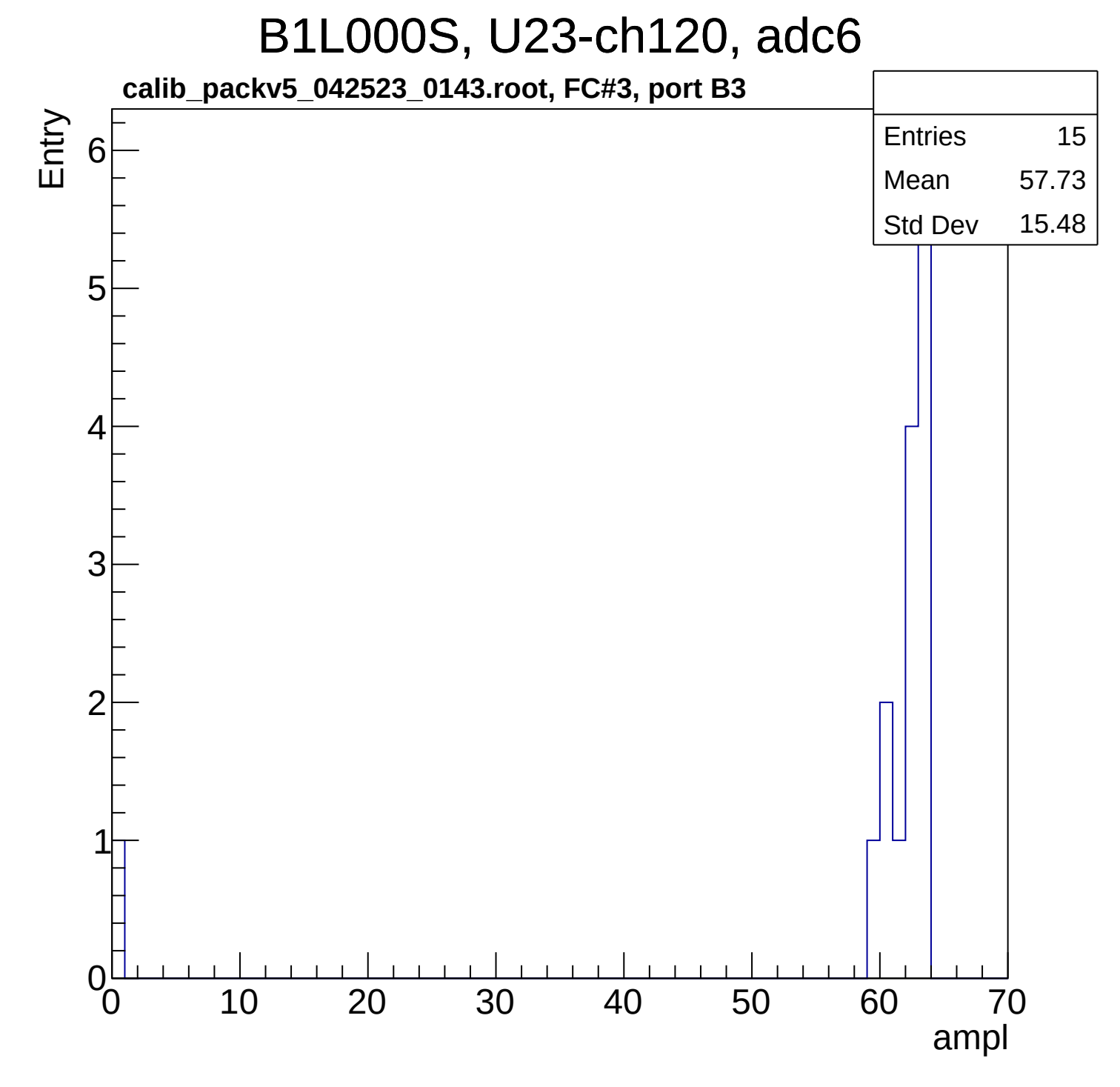
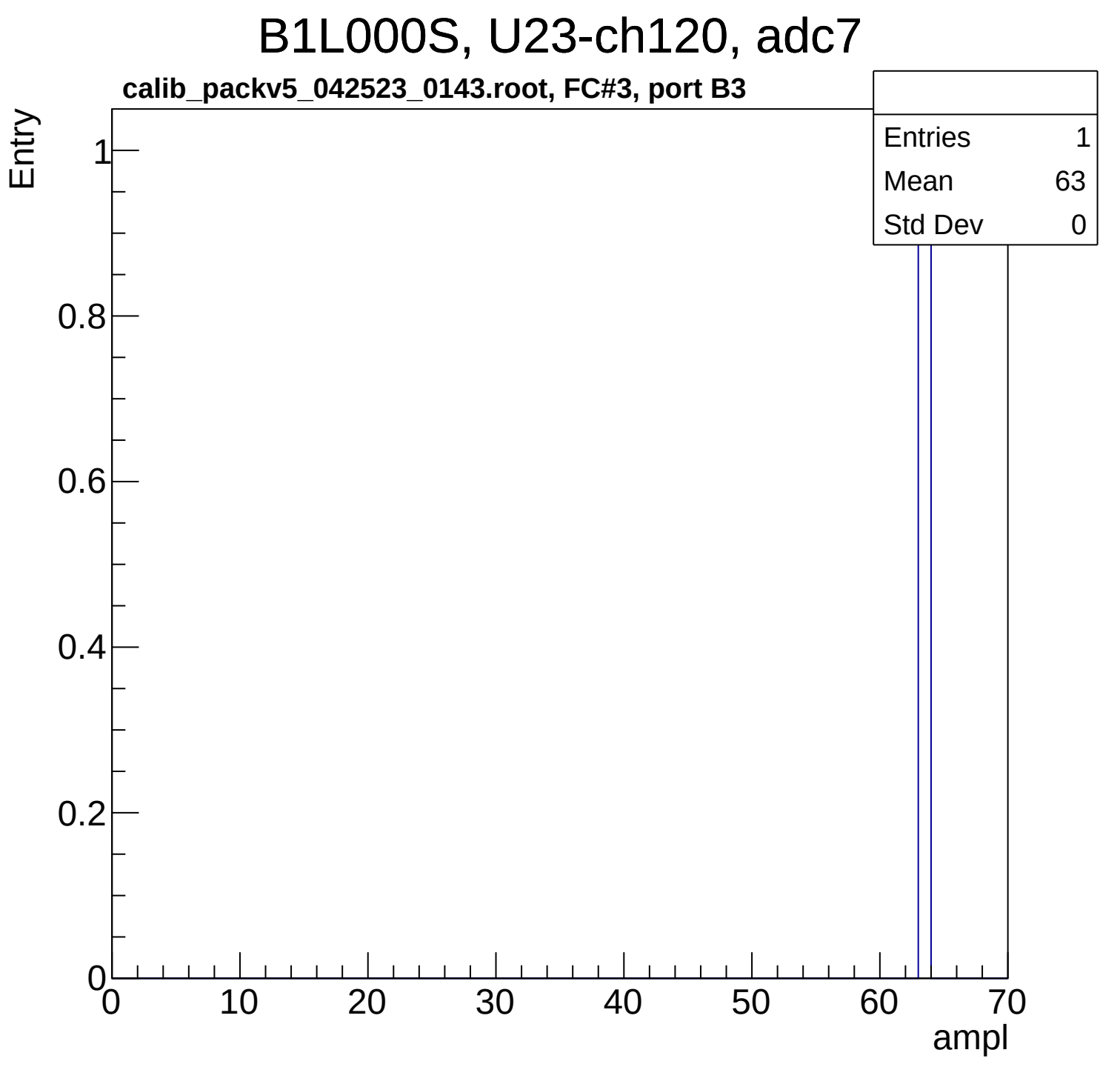
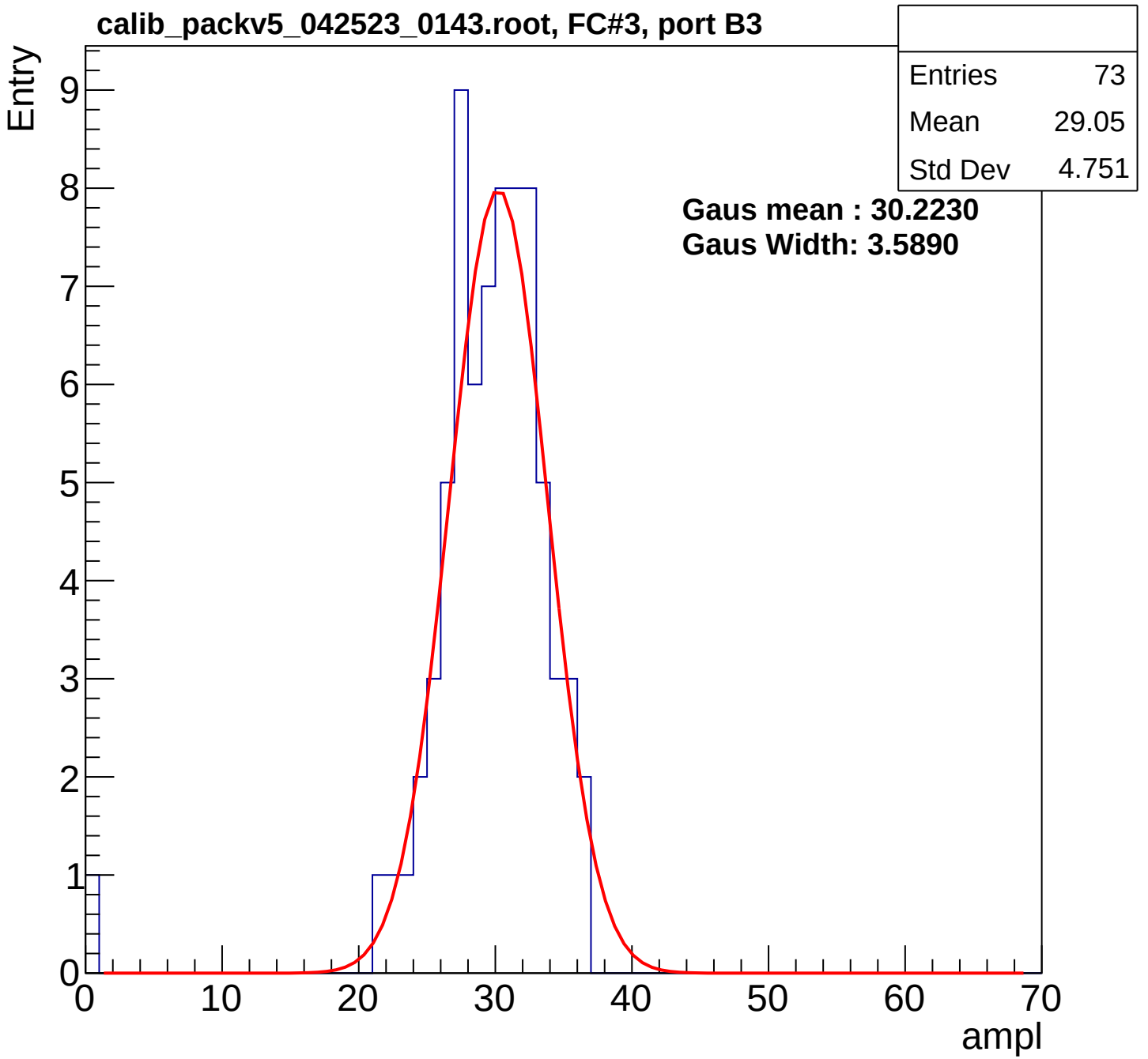
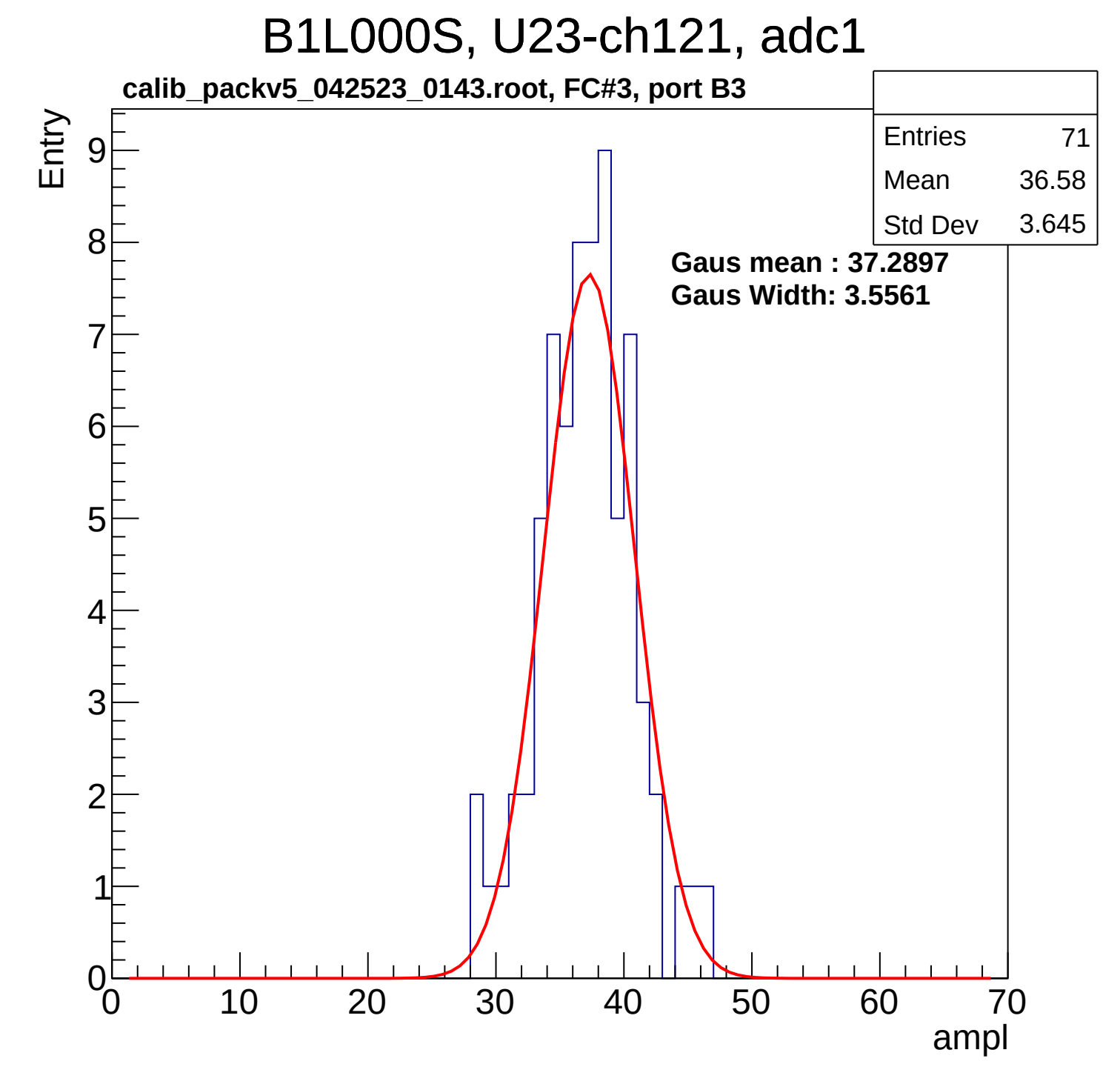

B1L000S, U23-ch120, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.73
Std Dev 15.48
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch120, 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, U23-ch121, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 29.05
Std Dev 4.751
Gaus mean : 30.2230
Gaus Width: 3.5890
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch121, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 36.58
Std Dev 3.645
Gaus mean : 37.2897
Gaus Width: 3.5561
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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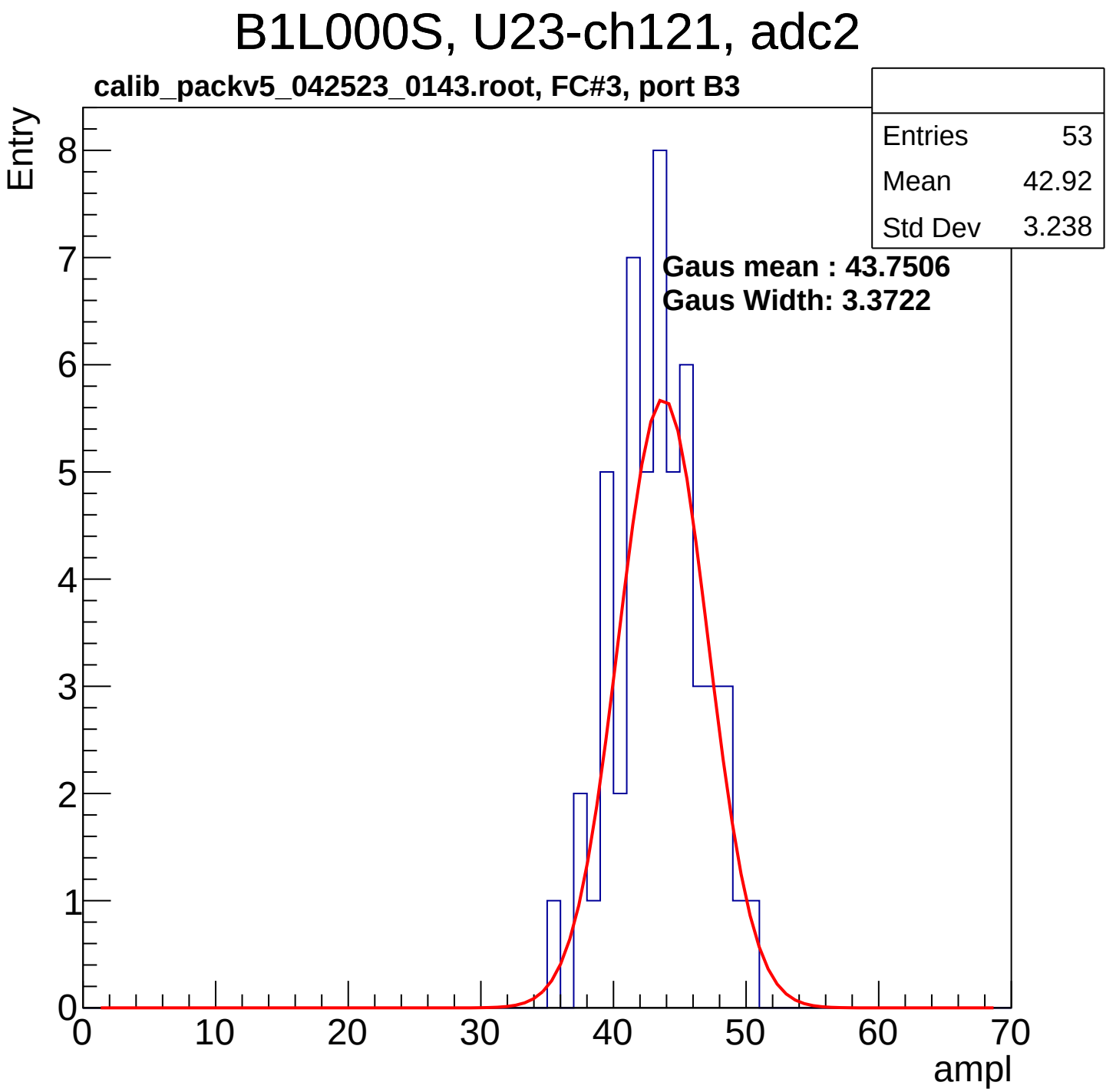
B1L000S, U23-ch121, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 42.92
Std Dev 3.238
Gaus mean : 43.7506
Gaus Width: 3.3722
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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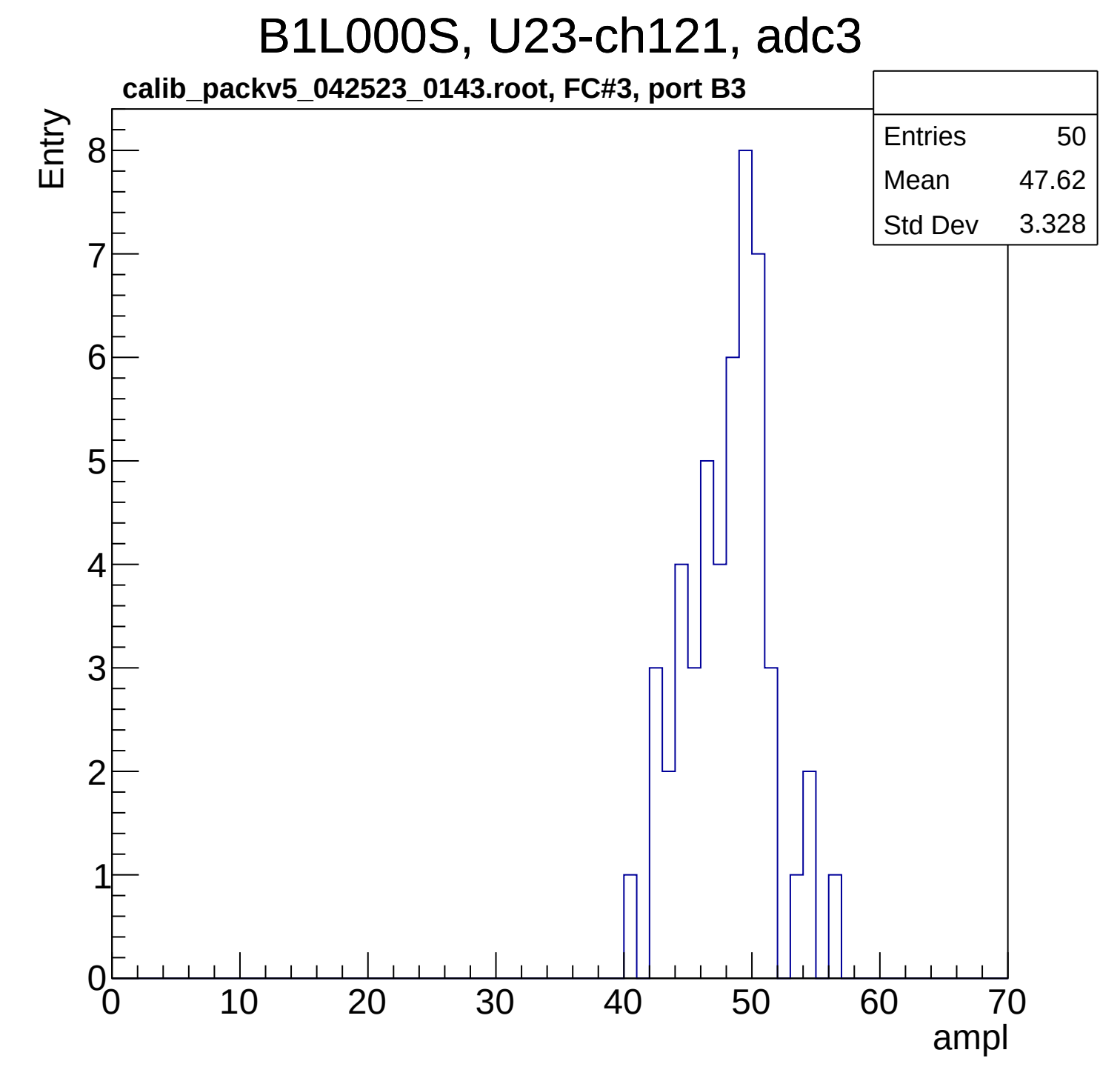
B1L000S, U23-ch121, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 47.62
Std Dev 3.328
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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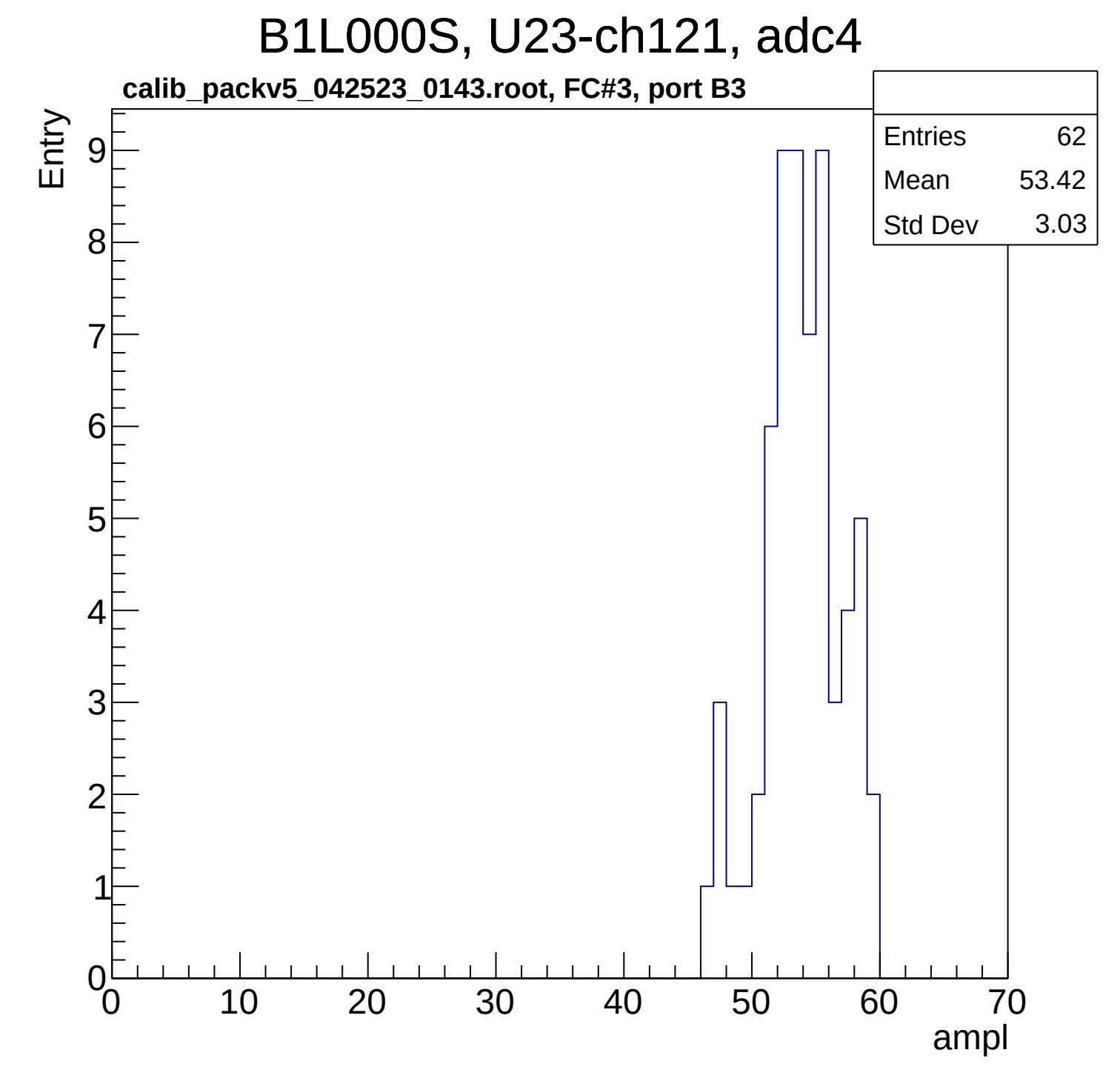
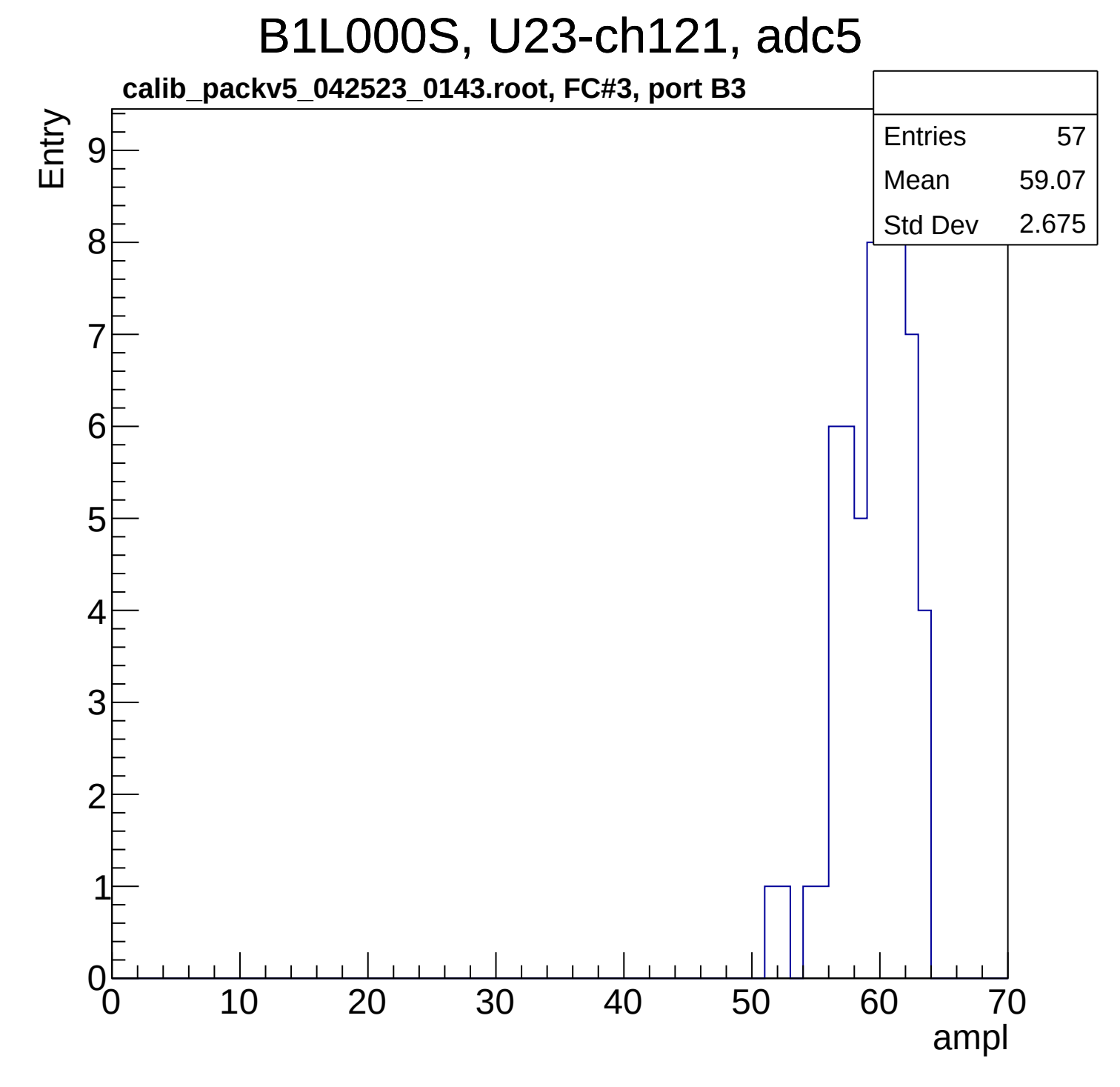

B1L000S, U23-ch121, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.42
Std Dev 3.03
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch121, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.07
Std Dev 2.675
Entry
ampl
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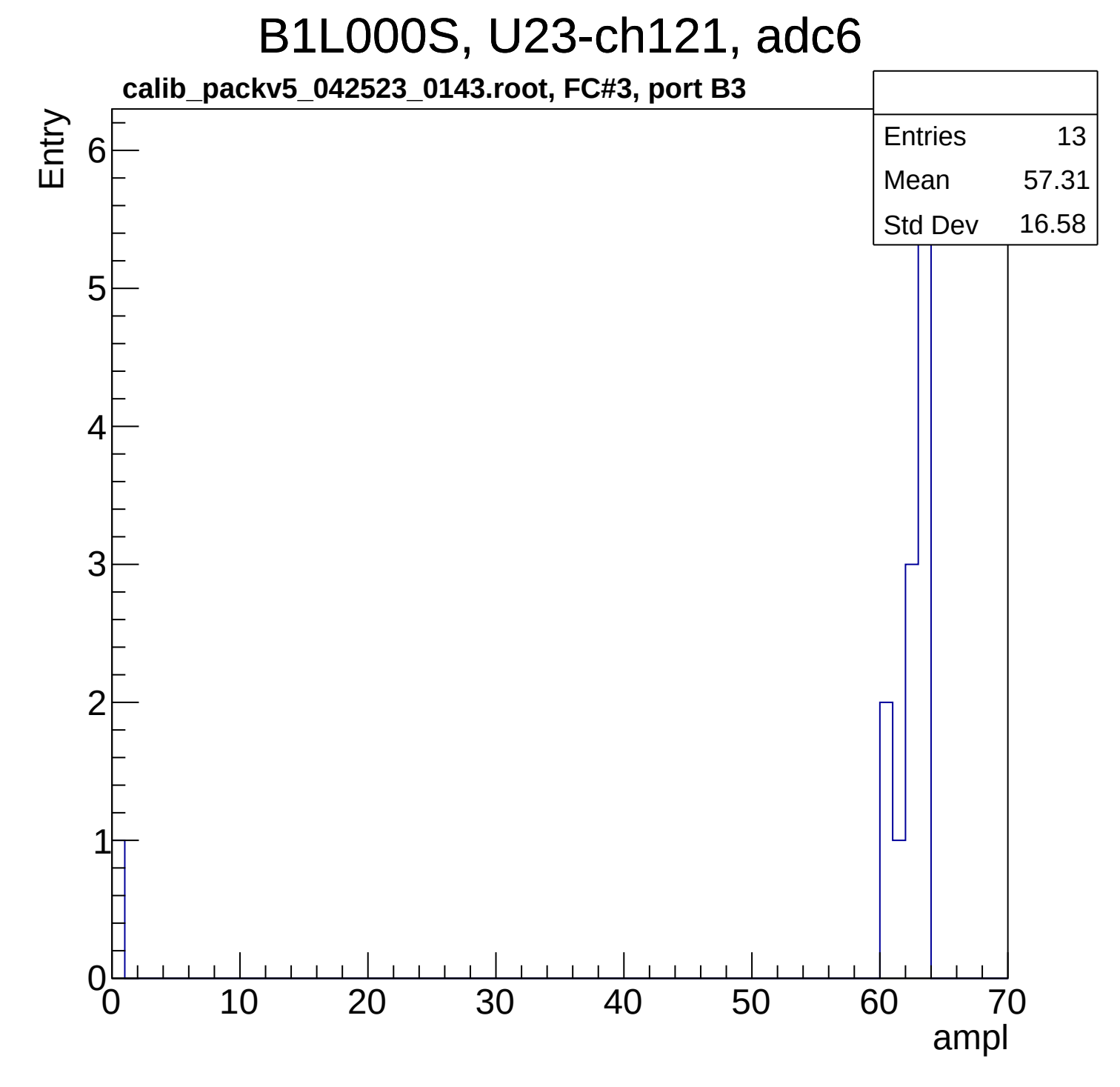
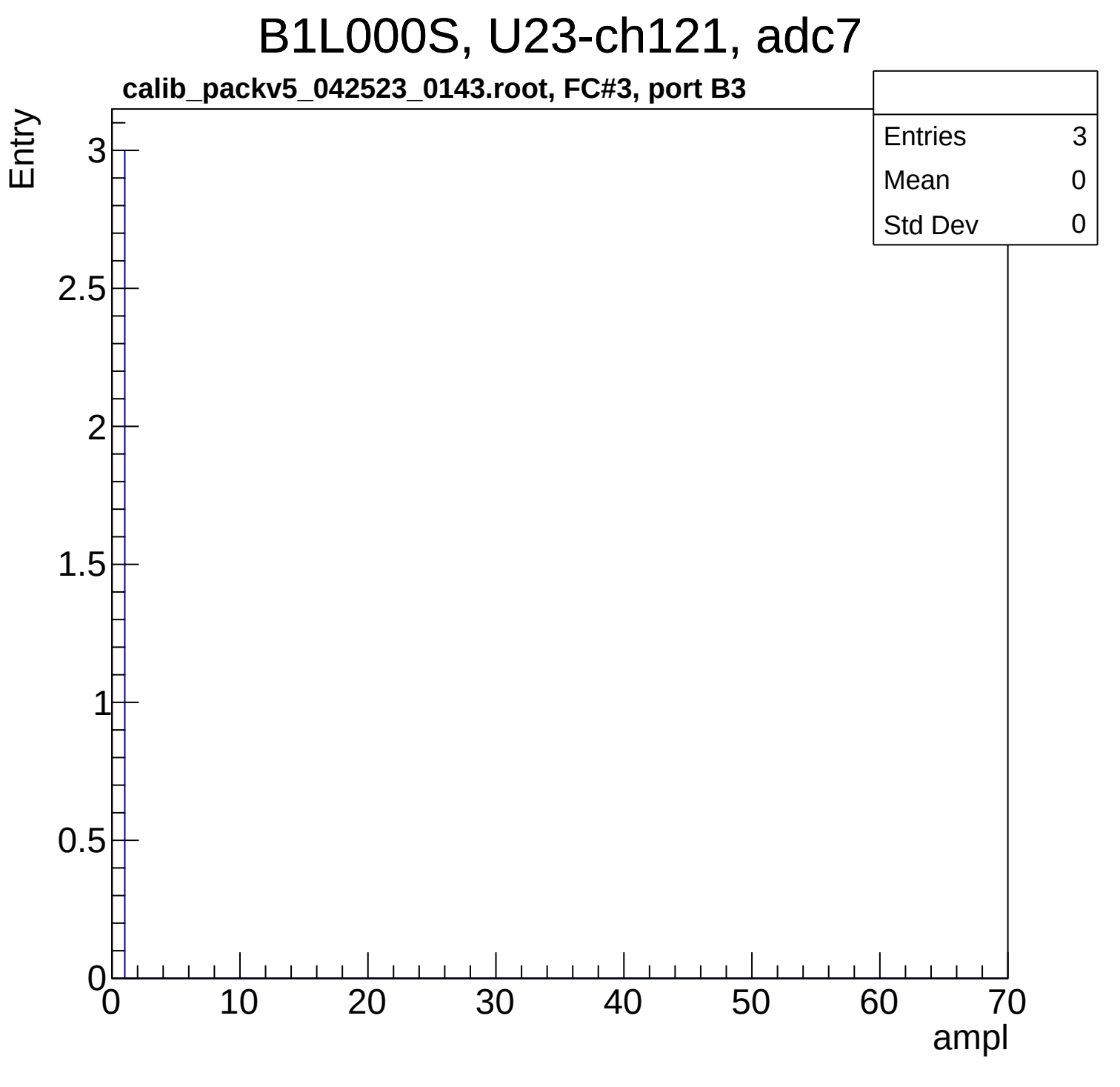
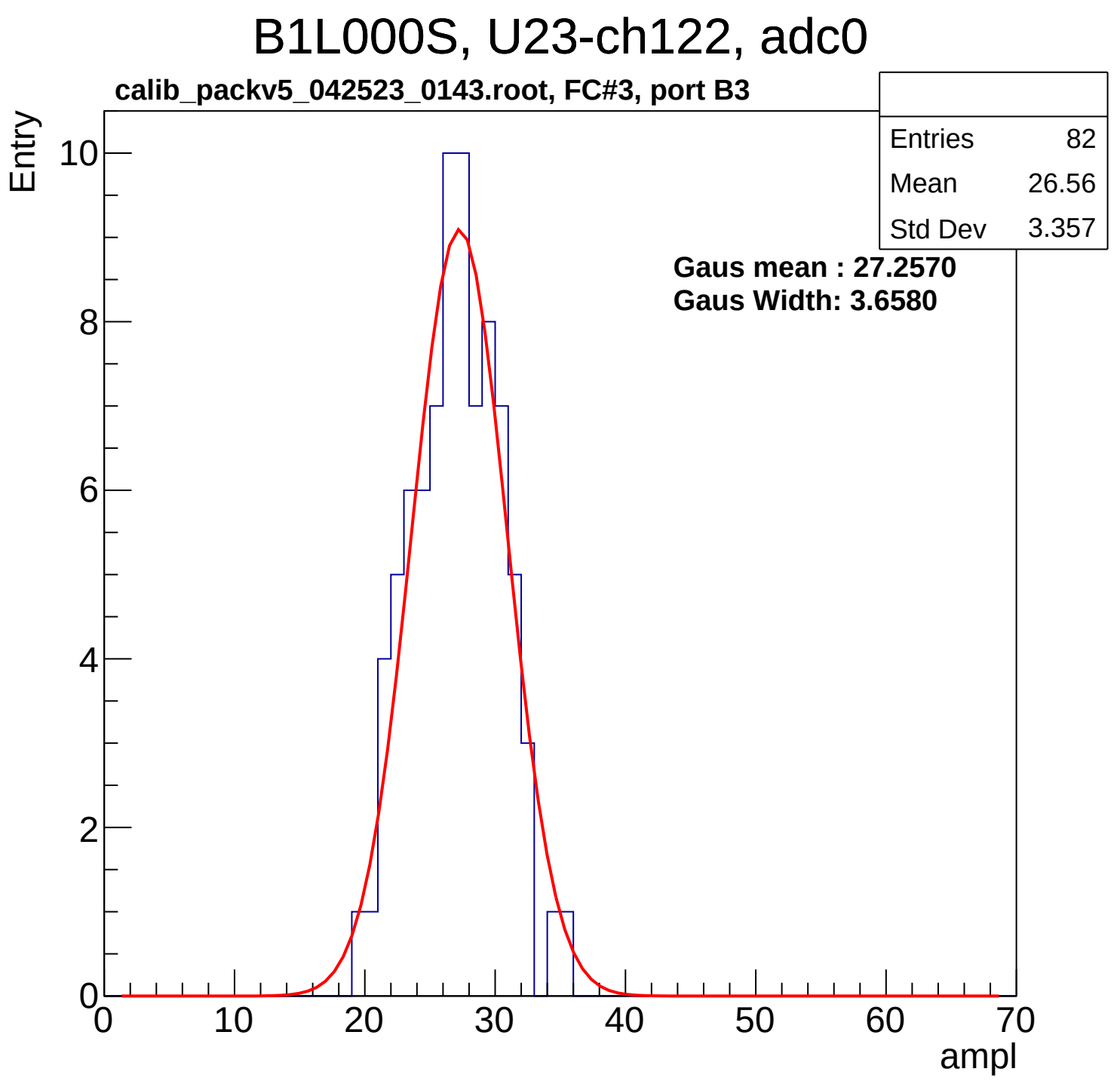
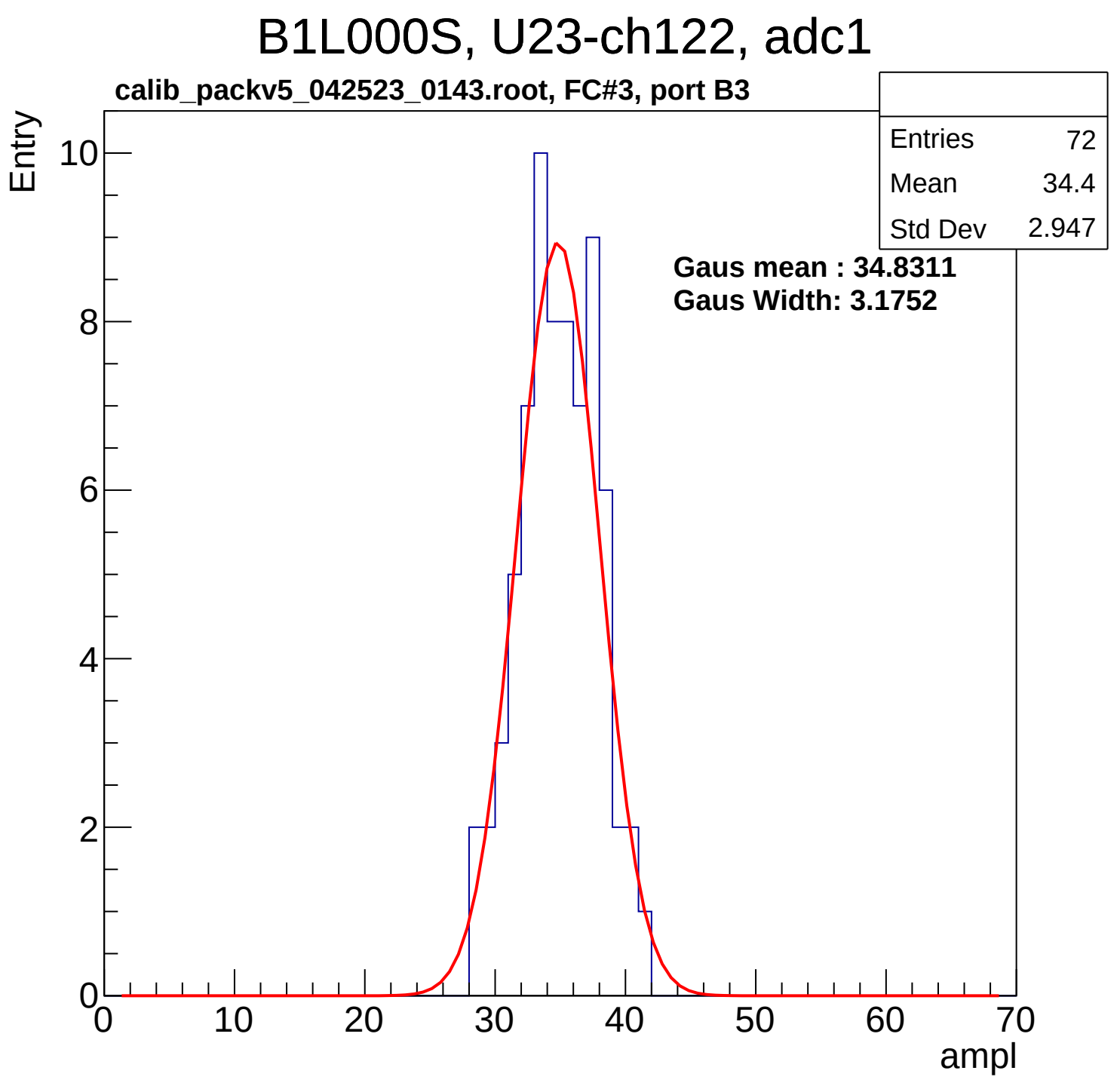
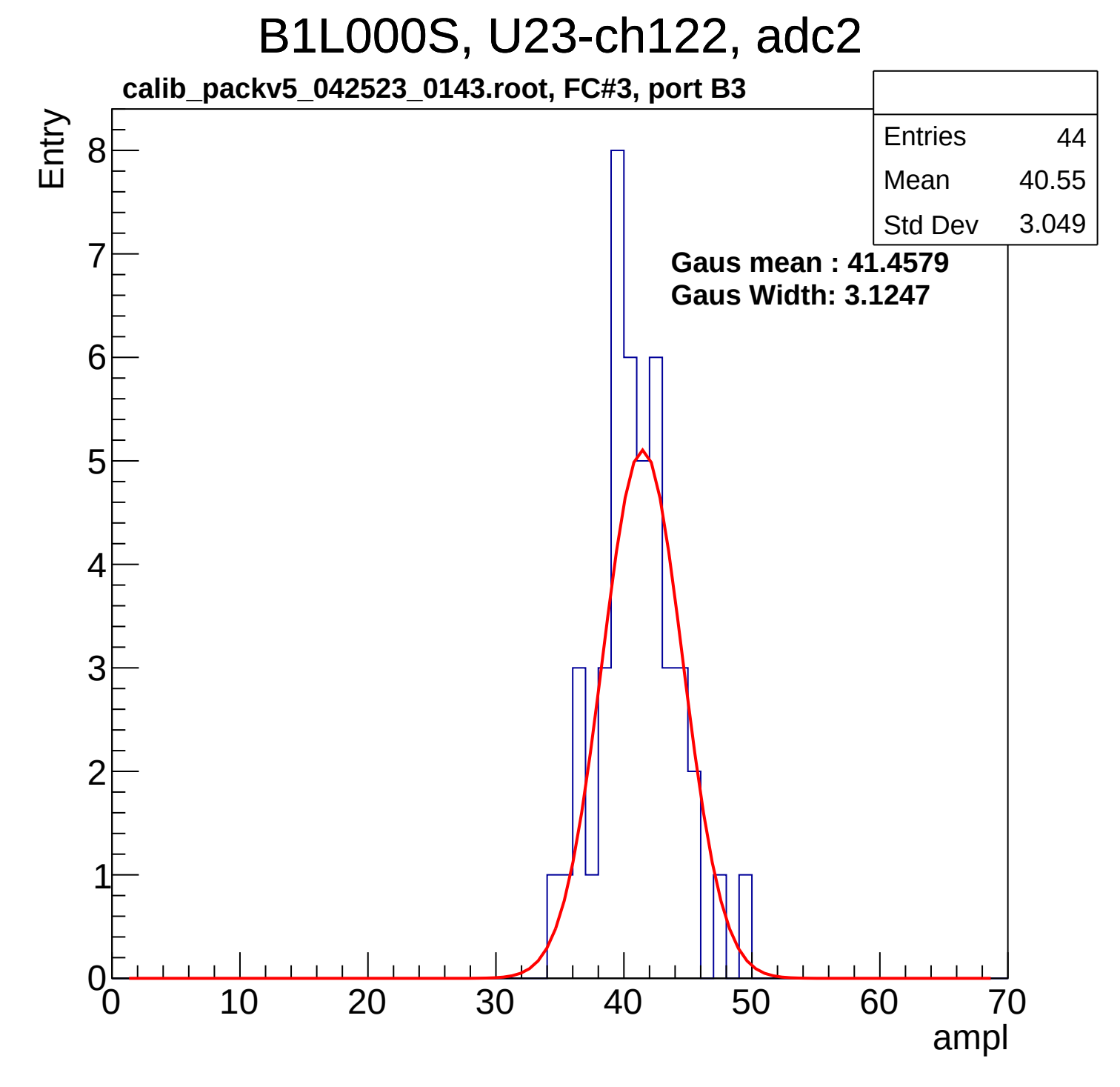
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch121, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 57.31
Std Dev 16.58
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch121, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch122, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 26.56
Std Dev 3.357
Gaus mean : 27.2570
Gaus Width: 3.6580
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch122, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.4
Std Dev 2.947
Gaus mean : 34.8311
Gaus Width: 3.1752
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch122, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 40.55
Std Dev 3.049
Gaus mean : 41.4579
Gaus Width: 3.1247
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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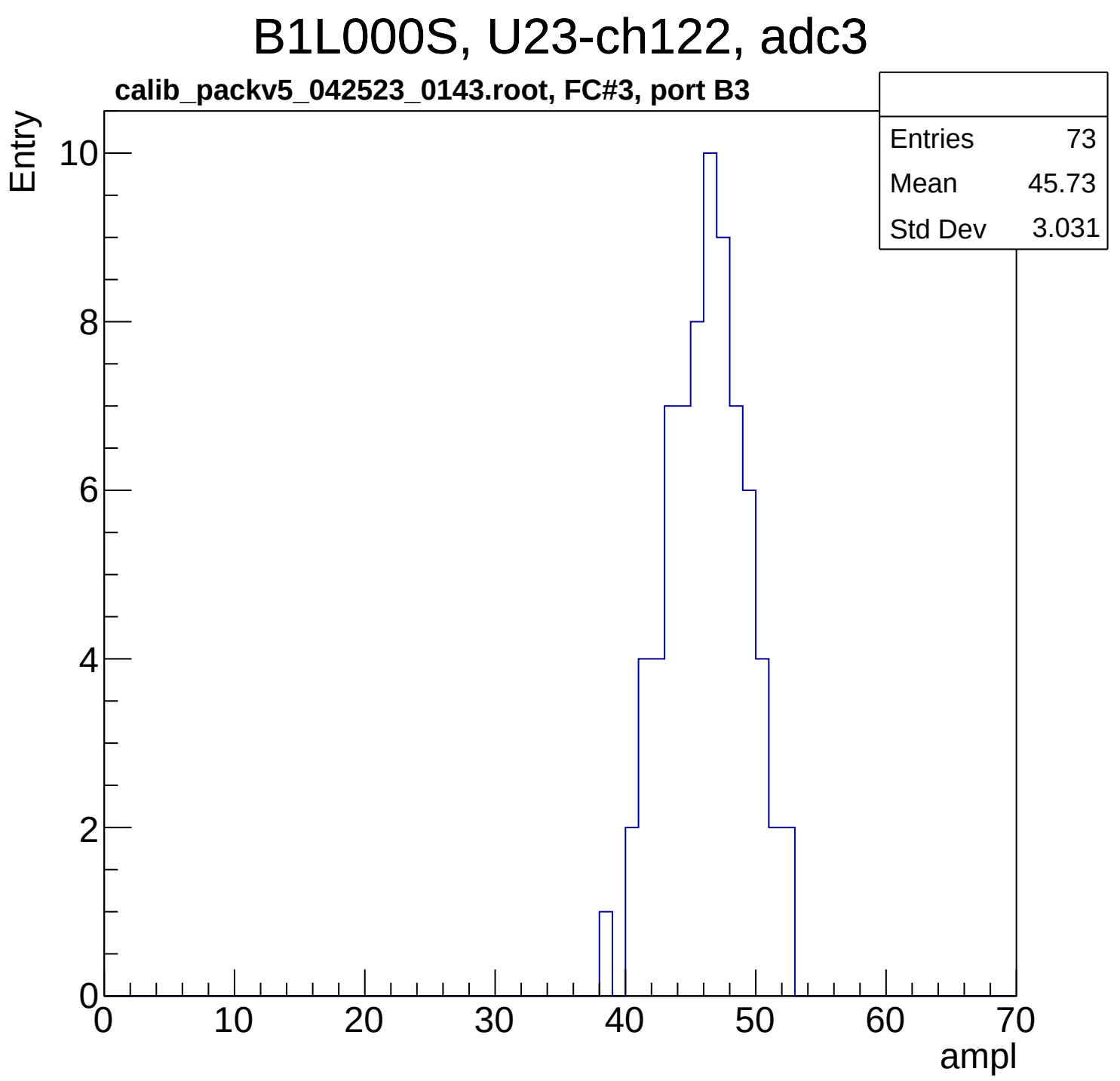
B1L000S, U23-ch122, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 45.73
Std Dev 3.031
Entry
0
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4
6
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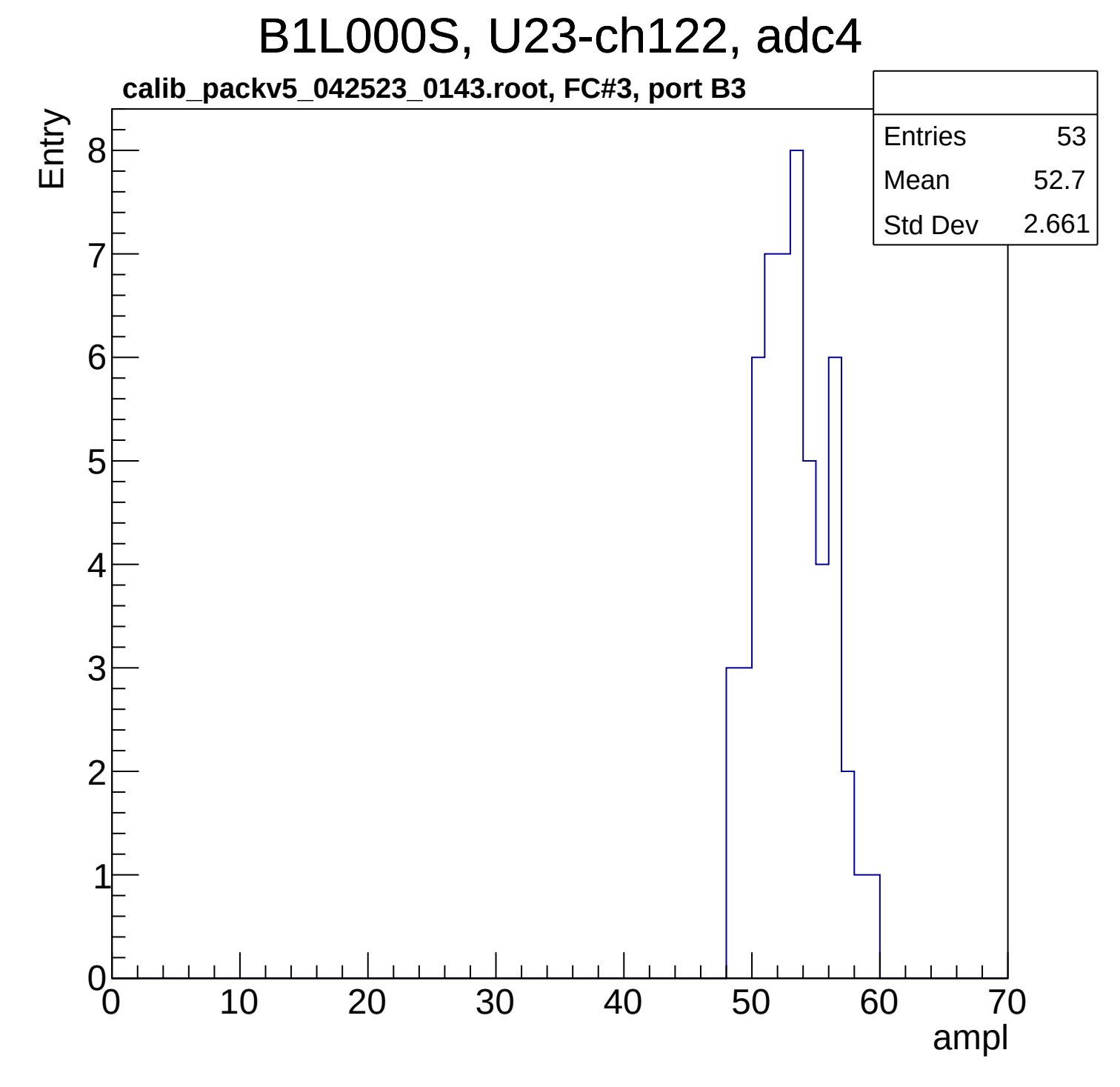
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch122, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 52.7
Std Dev 2.661
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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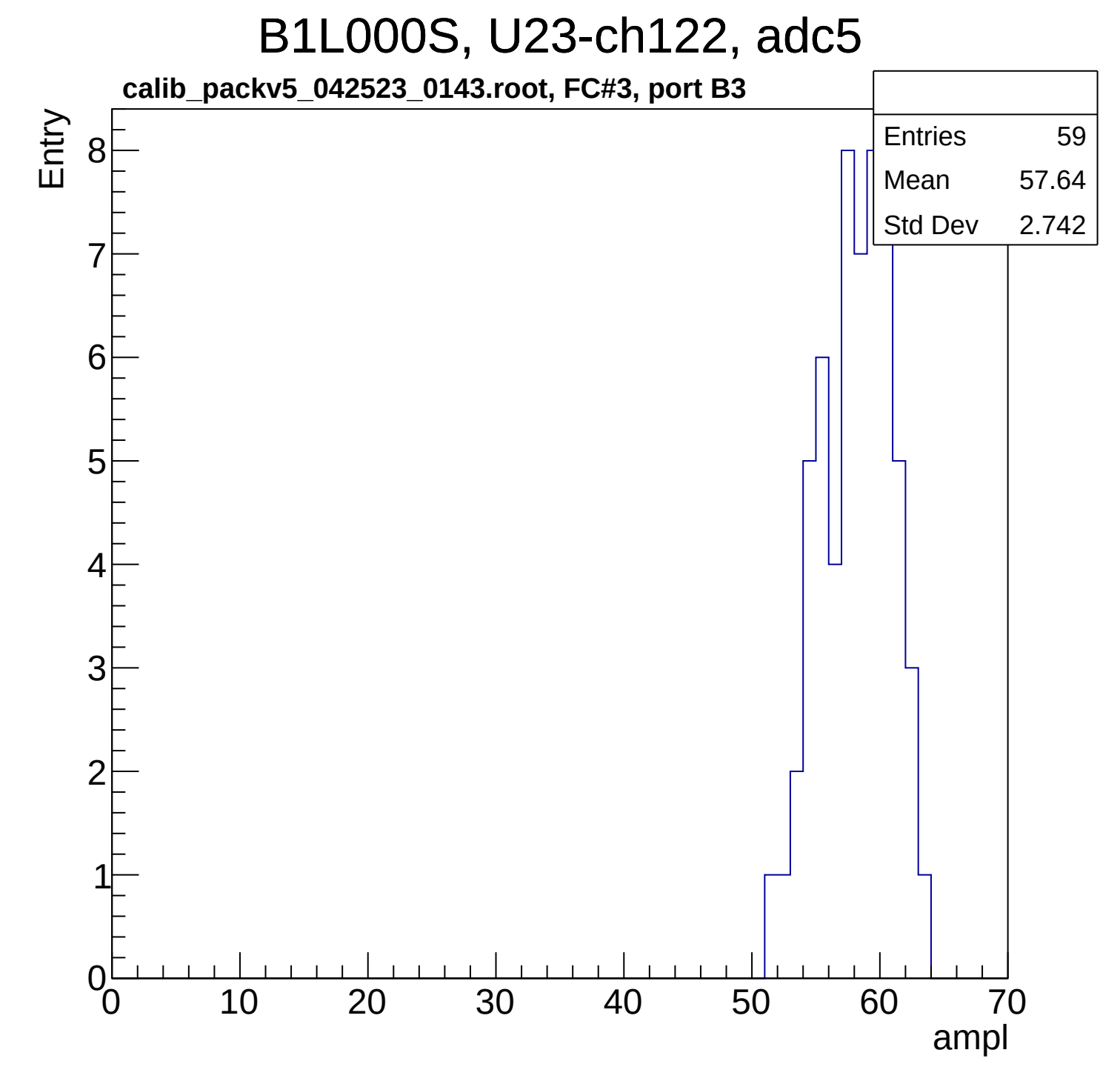
B1L000S, U23-ch122, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 57.64
Std Dev 2.742
Entry
ampl
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4
5
6
7
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0
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40
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60
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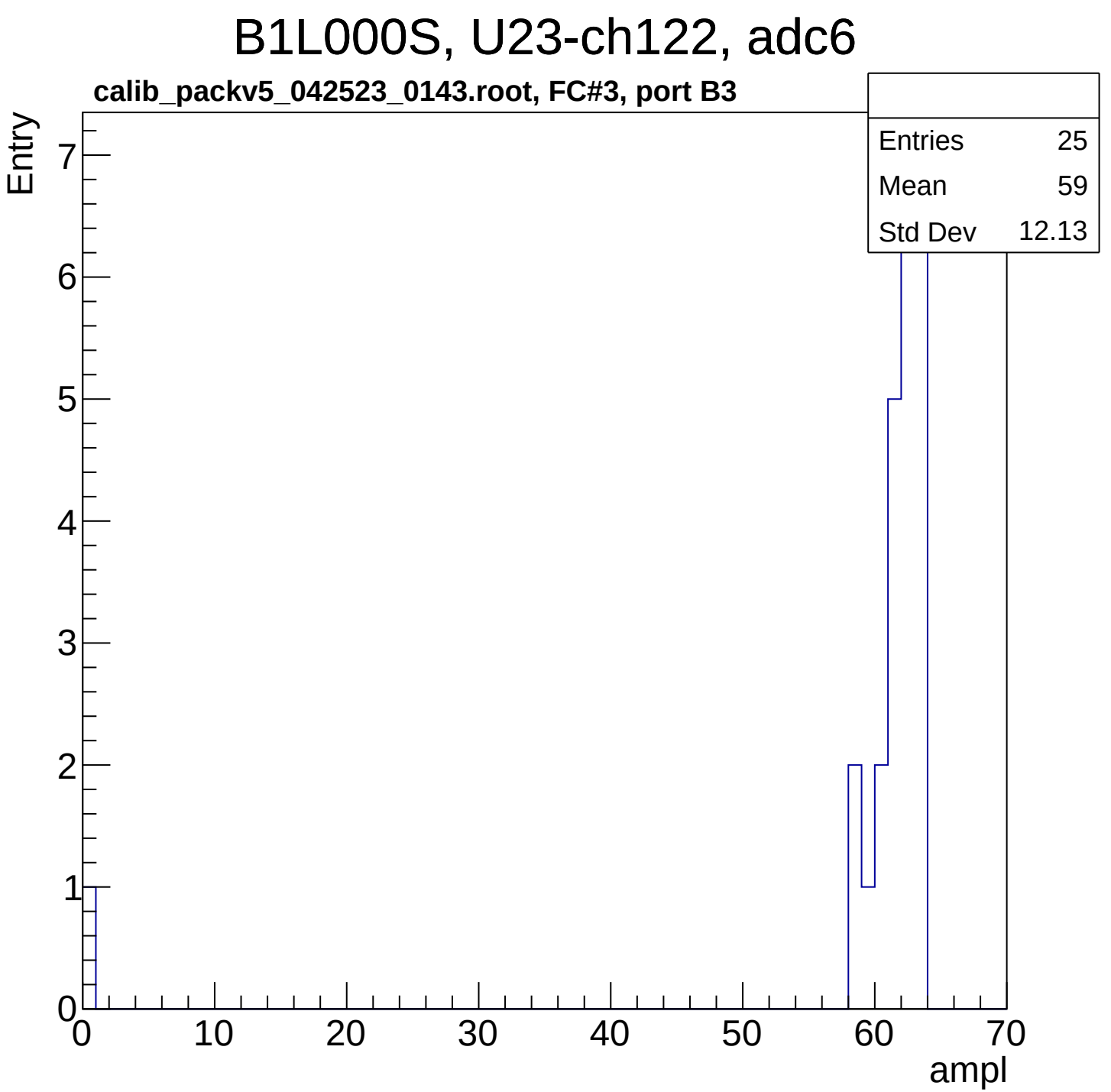
B1L000S, U23-ch122, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 25
Mean 59
Std Dev 12.13
Entry
ampl
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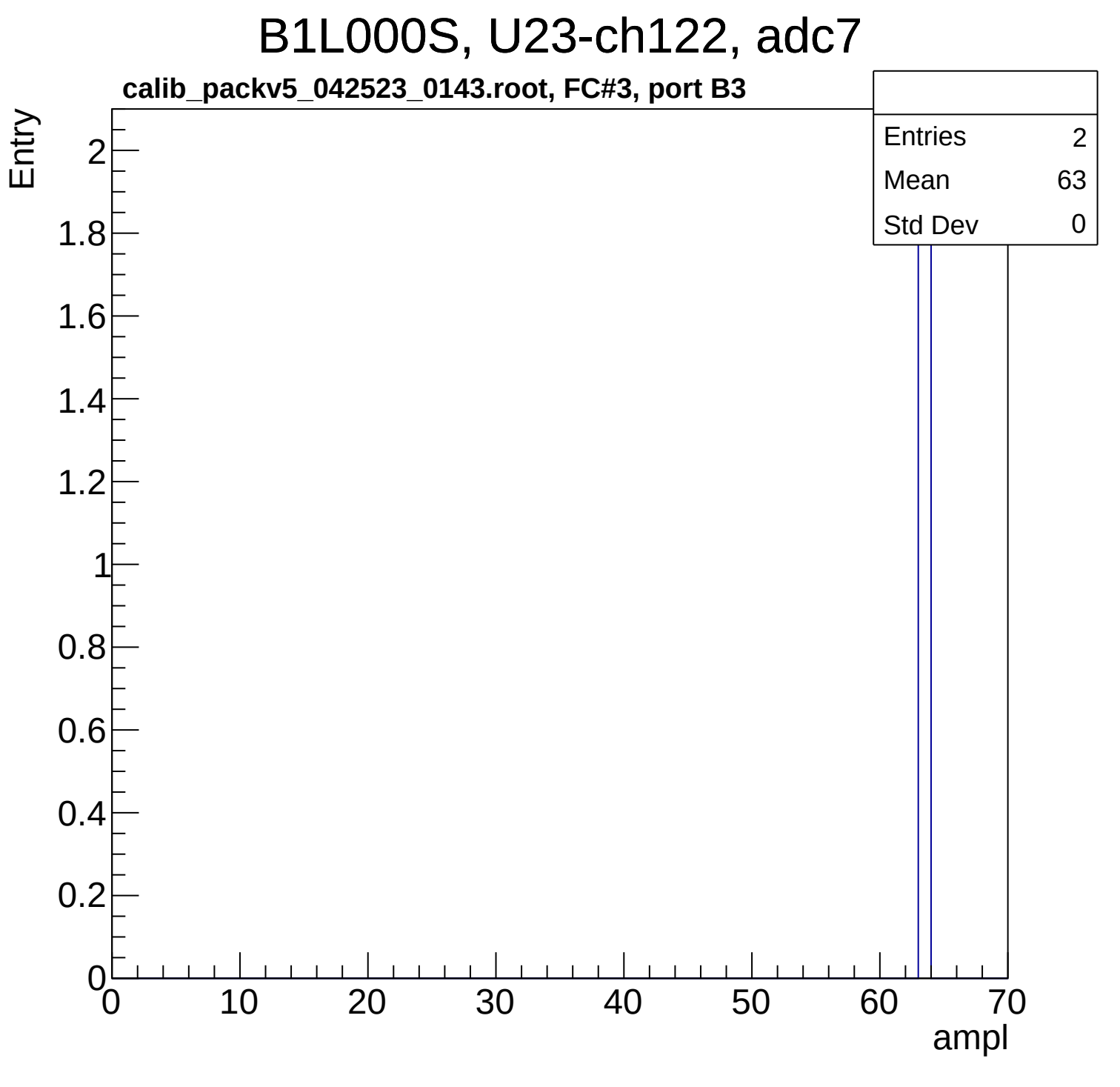
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U23-ch122, 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
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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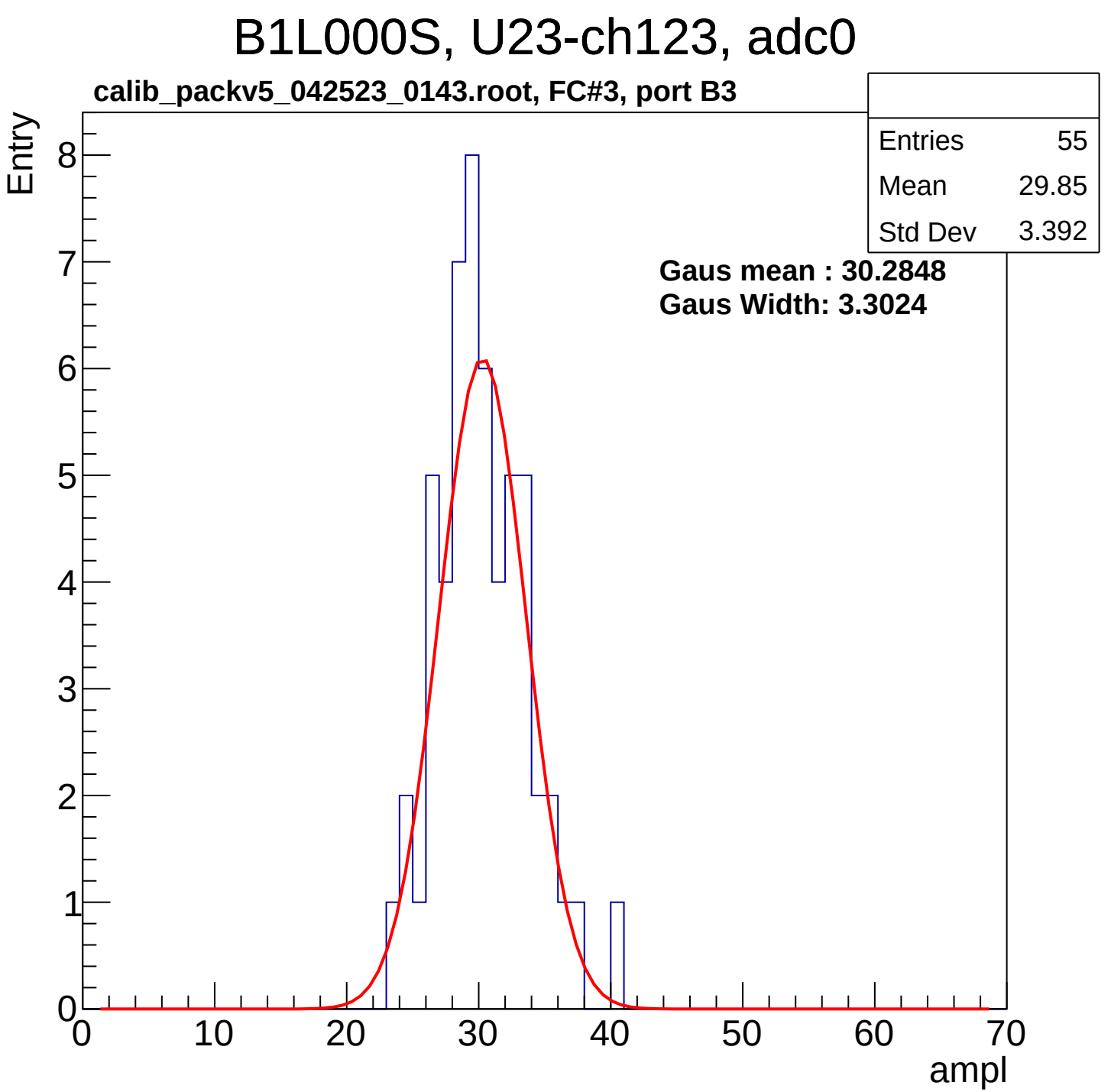
B1L000S, U23-ch123, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 29.85
Std Dev 3.392
Gaus mean : 30.2848
Gaus Width: 3.3024
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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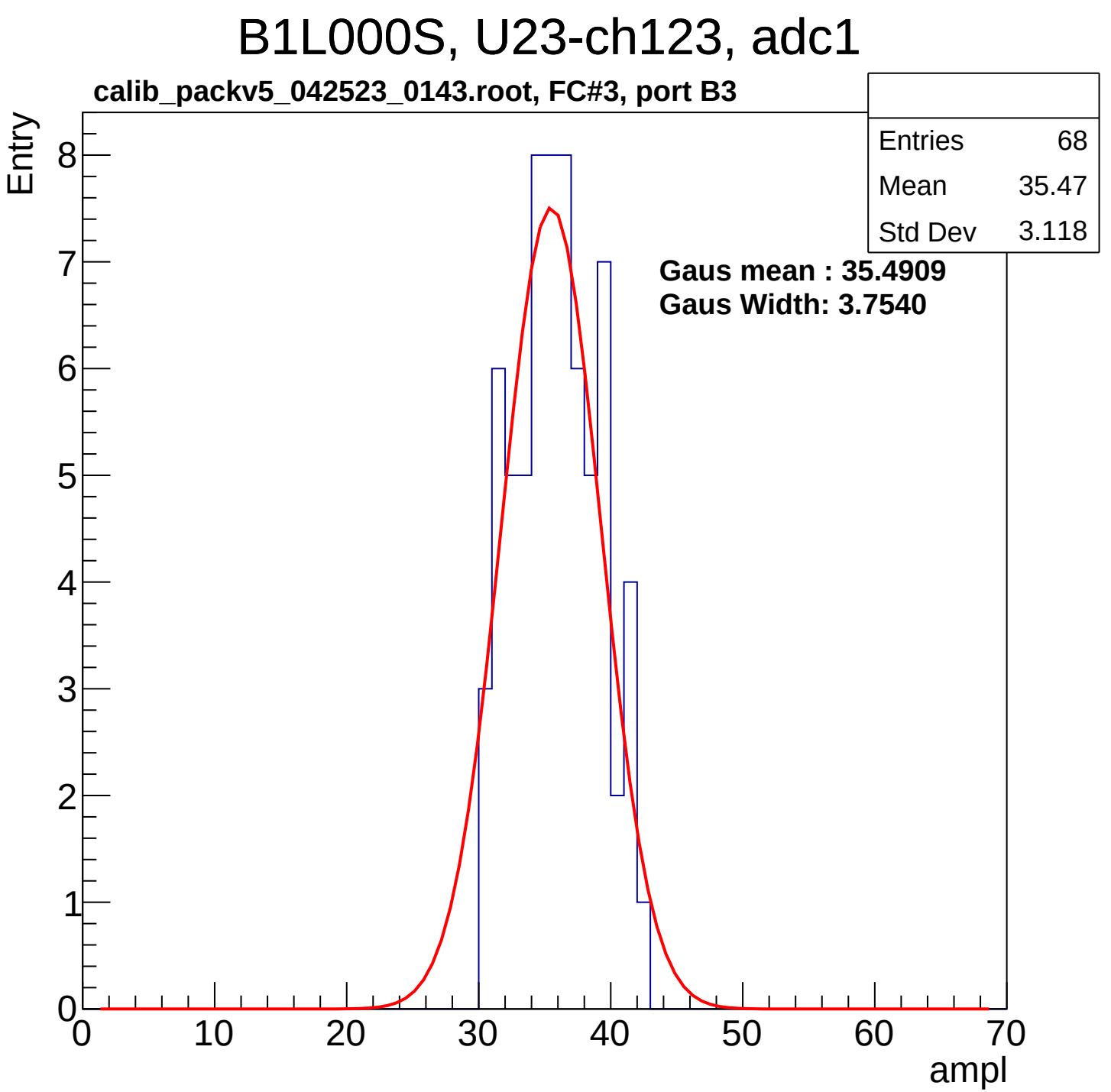
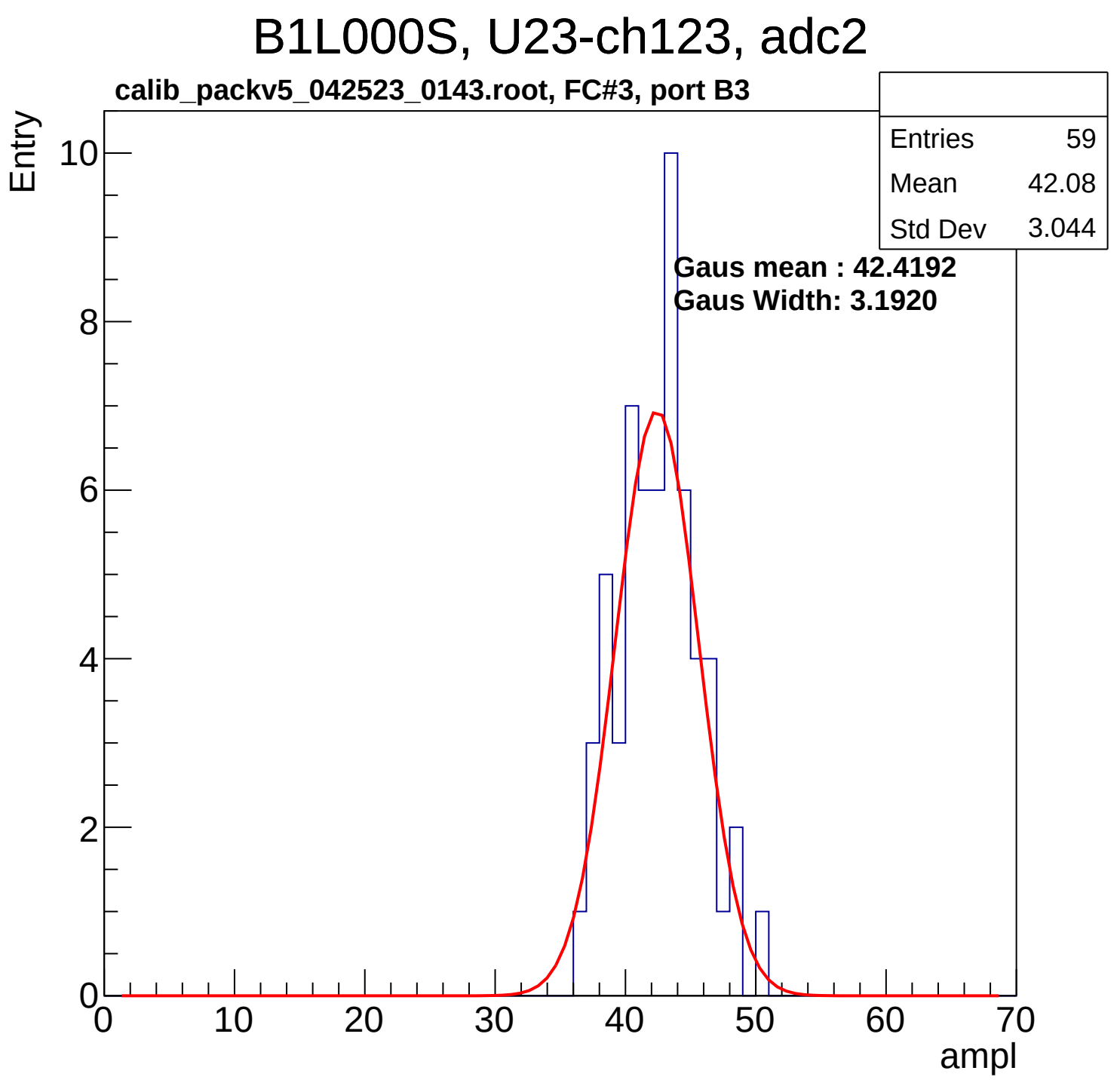

B1L000S, U23-ch123, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 35.47
Std Dev 3.118
Gaus mean : 35.4909
Gaus Width: 3.7540
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch123, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 42.08
Std Dev 3.044
Gaus mean : 42.4192
Gaus Width: 3.1920
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
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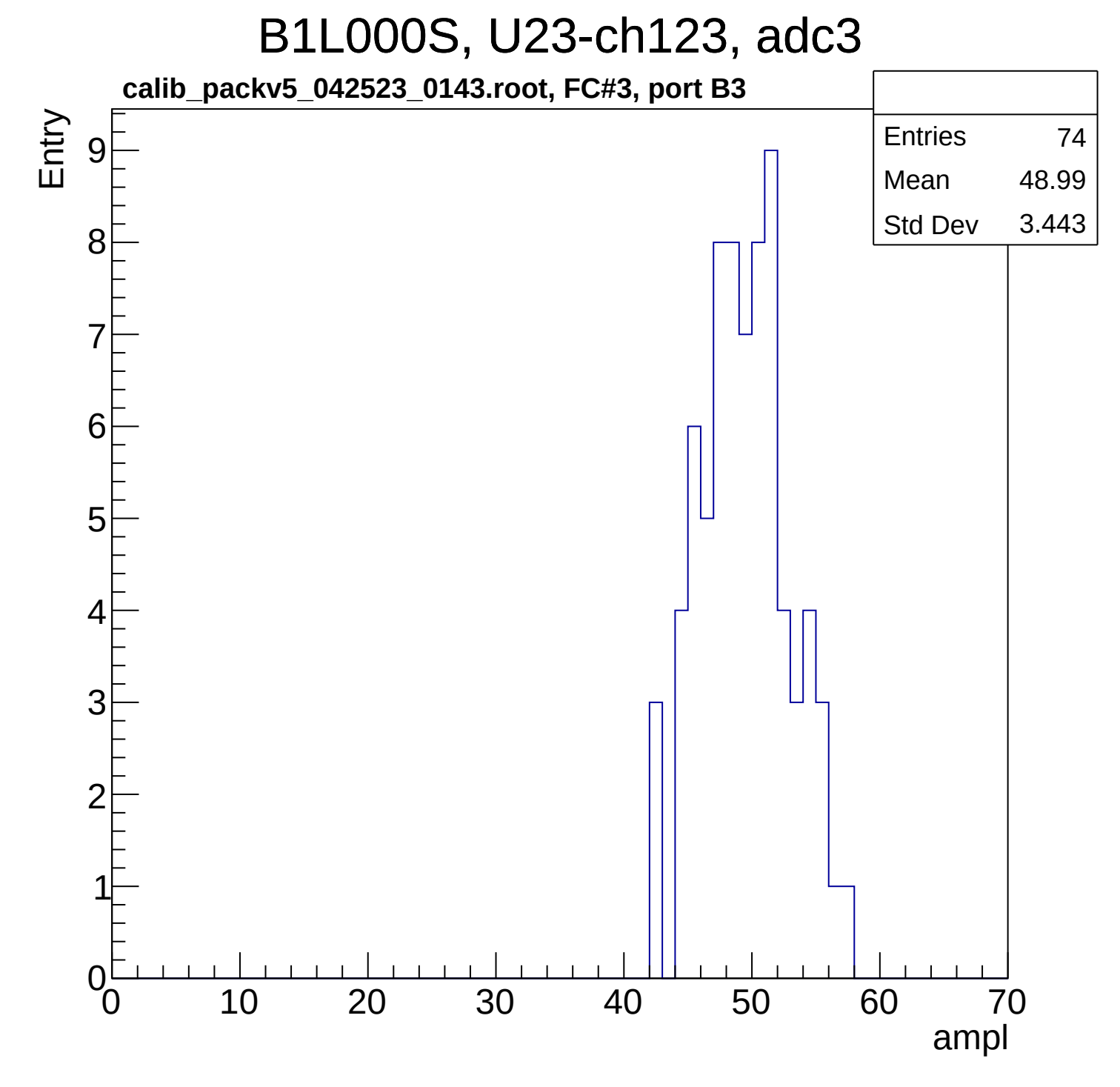
60
70


B1L000S, U23-ch123, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 48.99
Std Dev 3.443
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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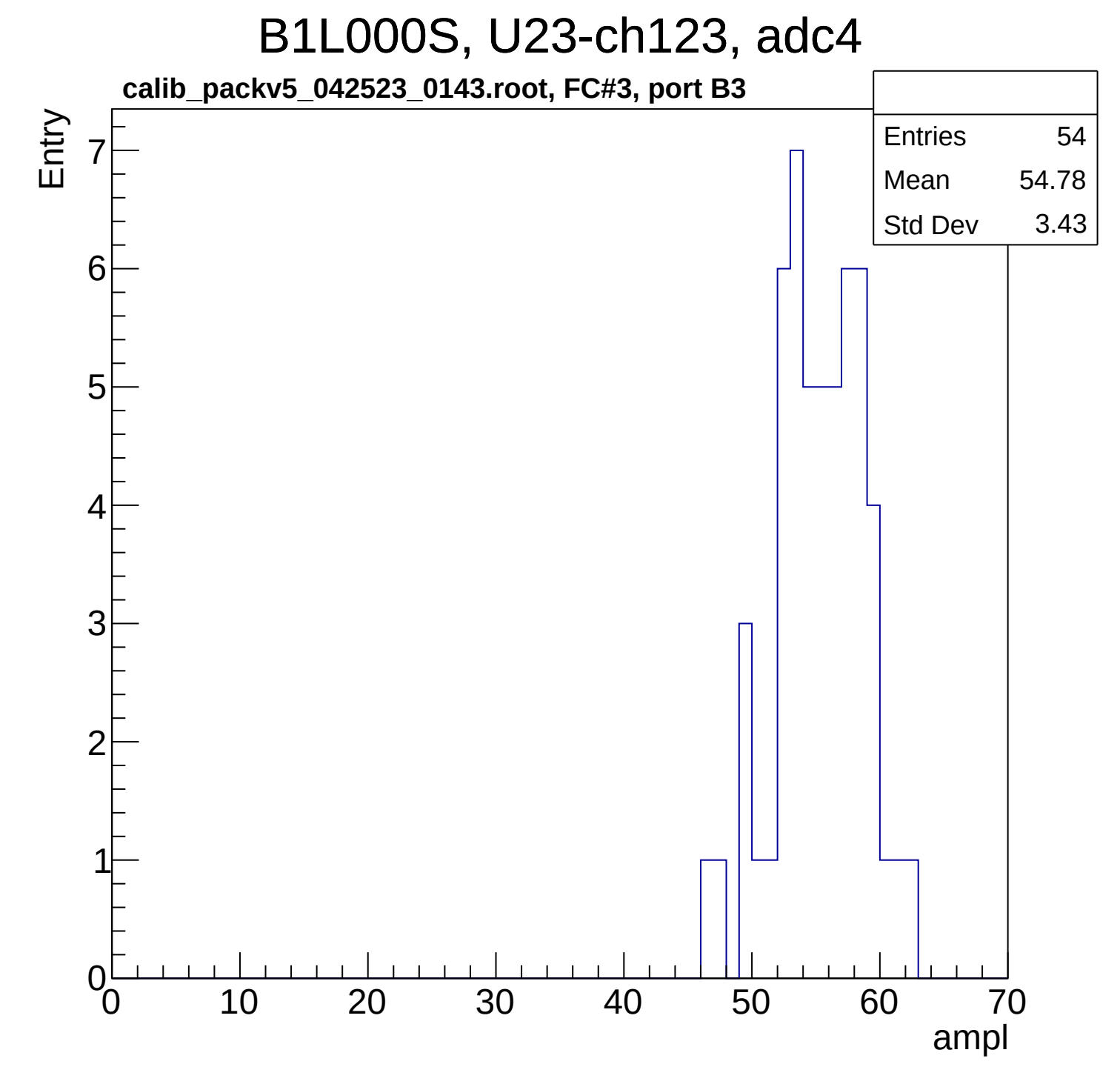
B1L000S, U23-ch123, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.78
Std Dev 3.43
Entry
ampl
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0
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20
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40
50
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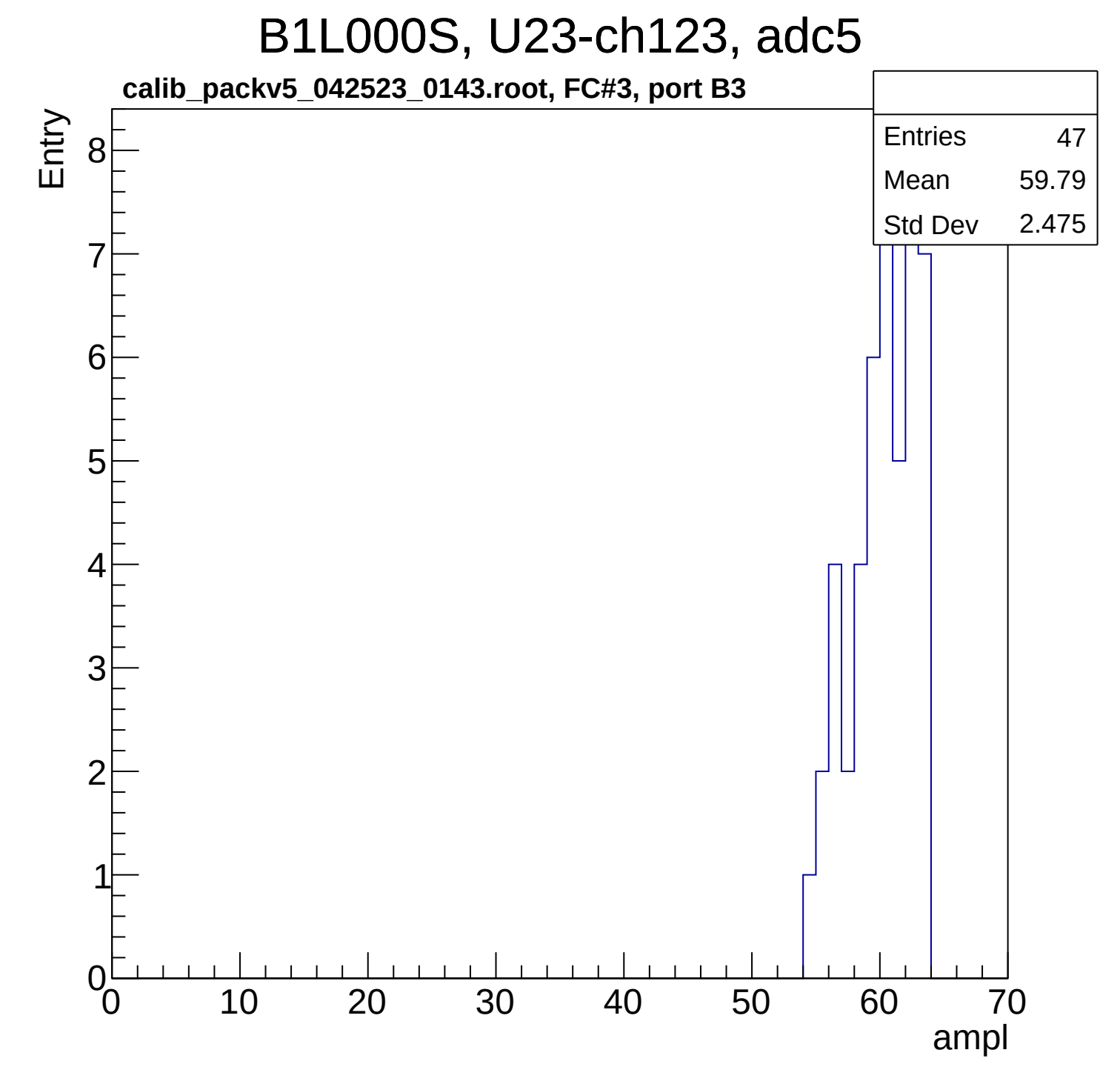
B1L000S, U23-ch123, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.79
Std Dev 2.475
Entry
ampl
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4
5
6
7
8
0
10
20
30
40
50
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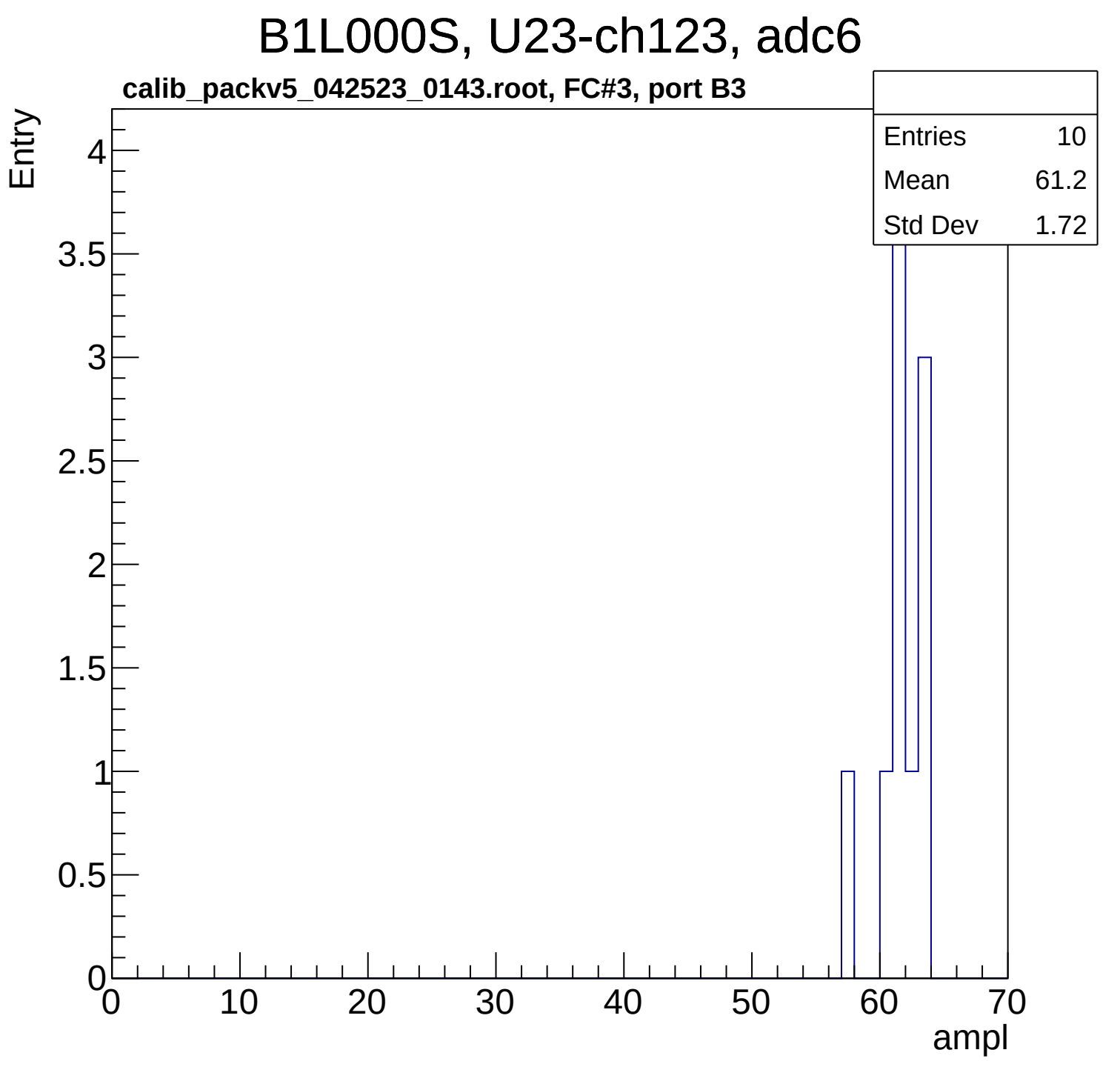
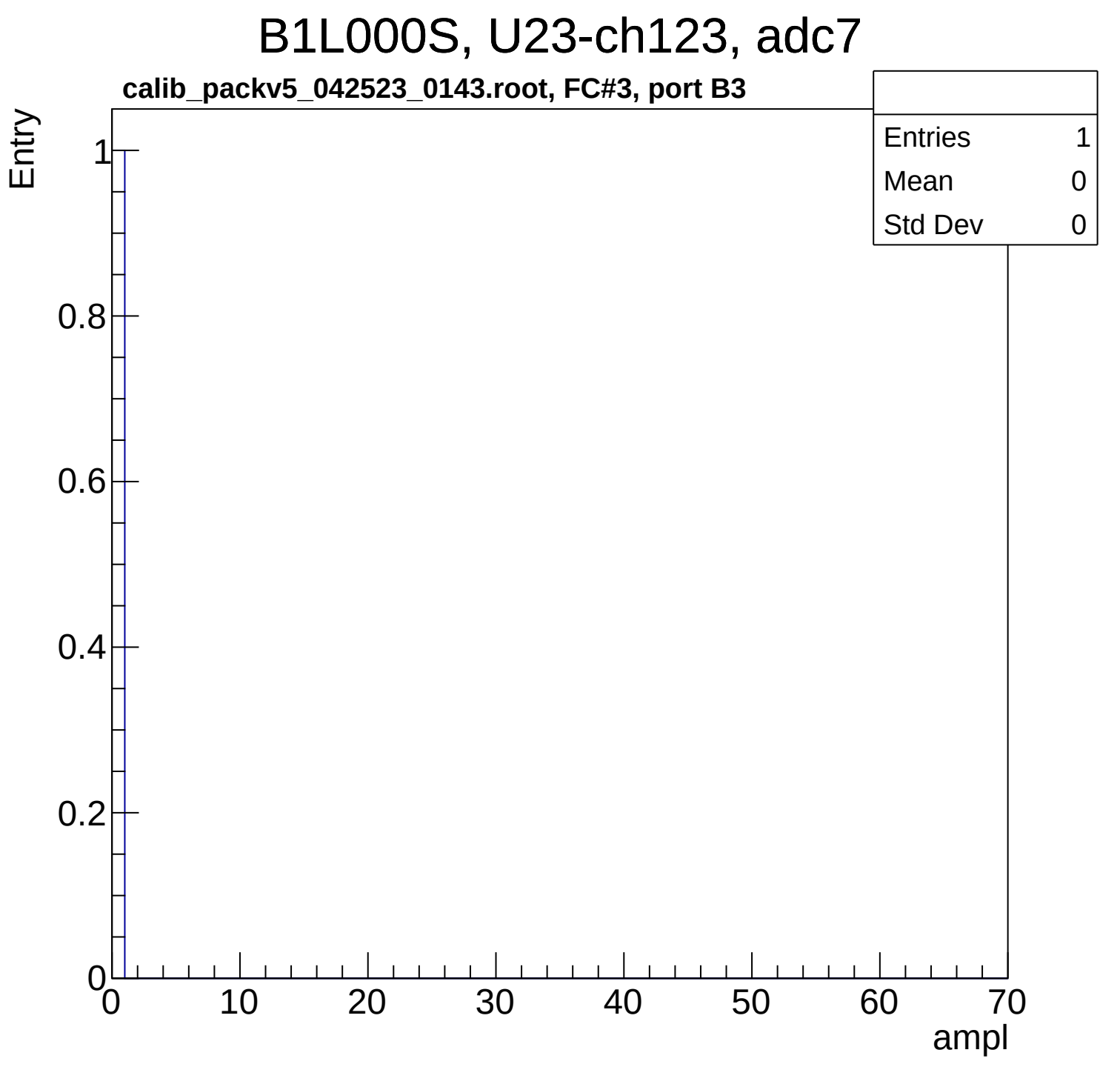

B1L000S, U23-ch123, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.2
Std Dev 1.72
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch123, 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
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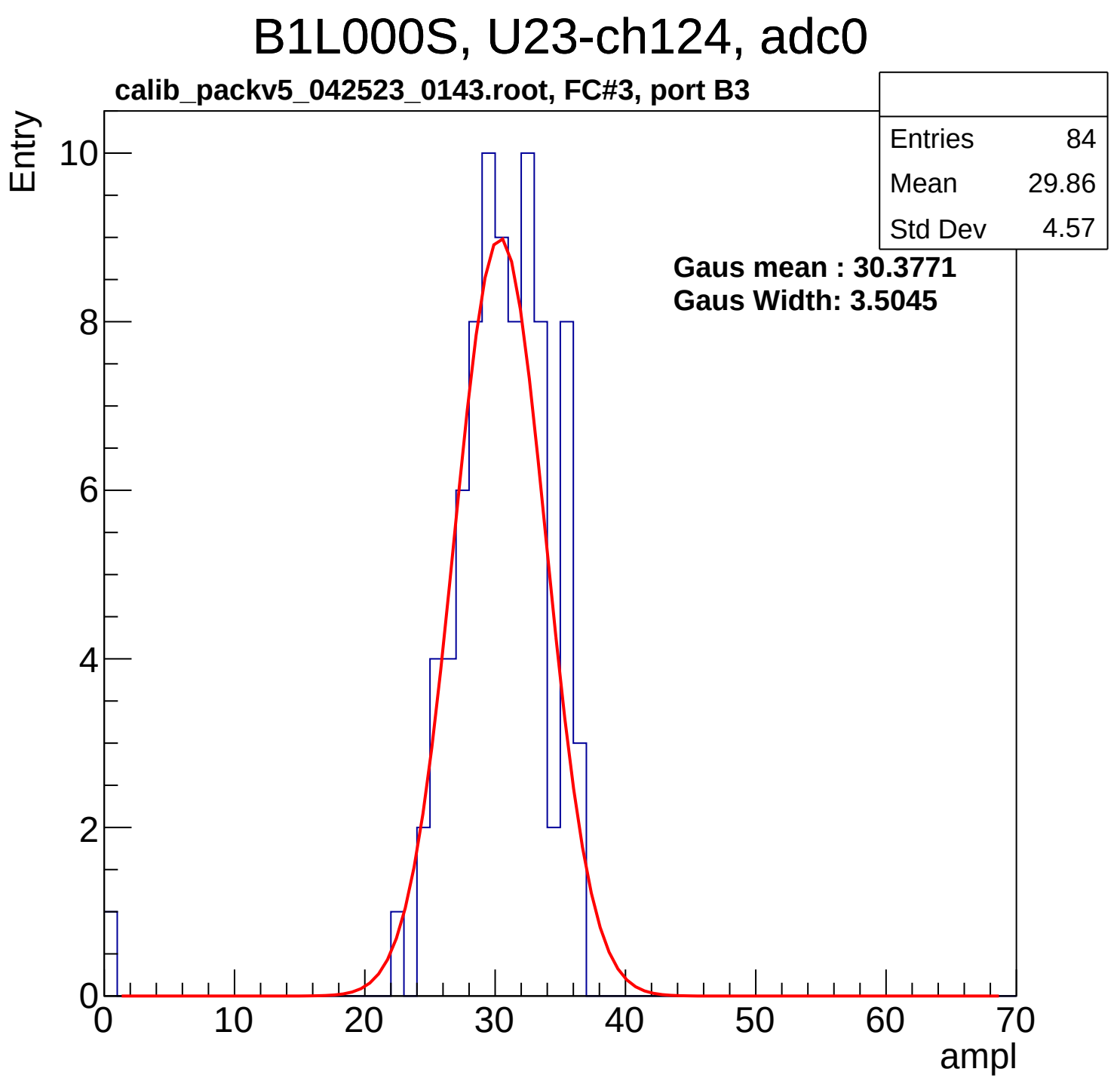
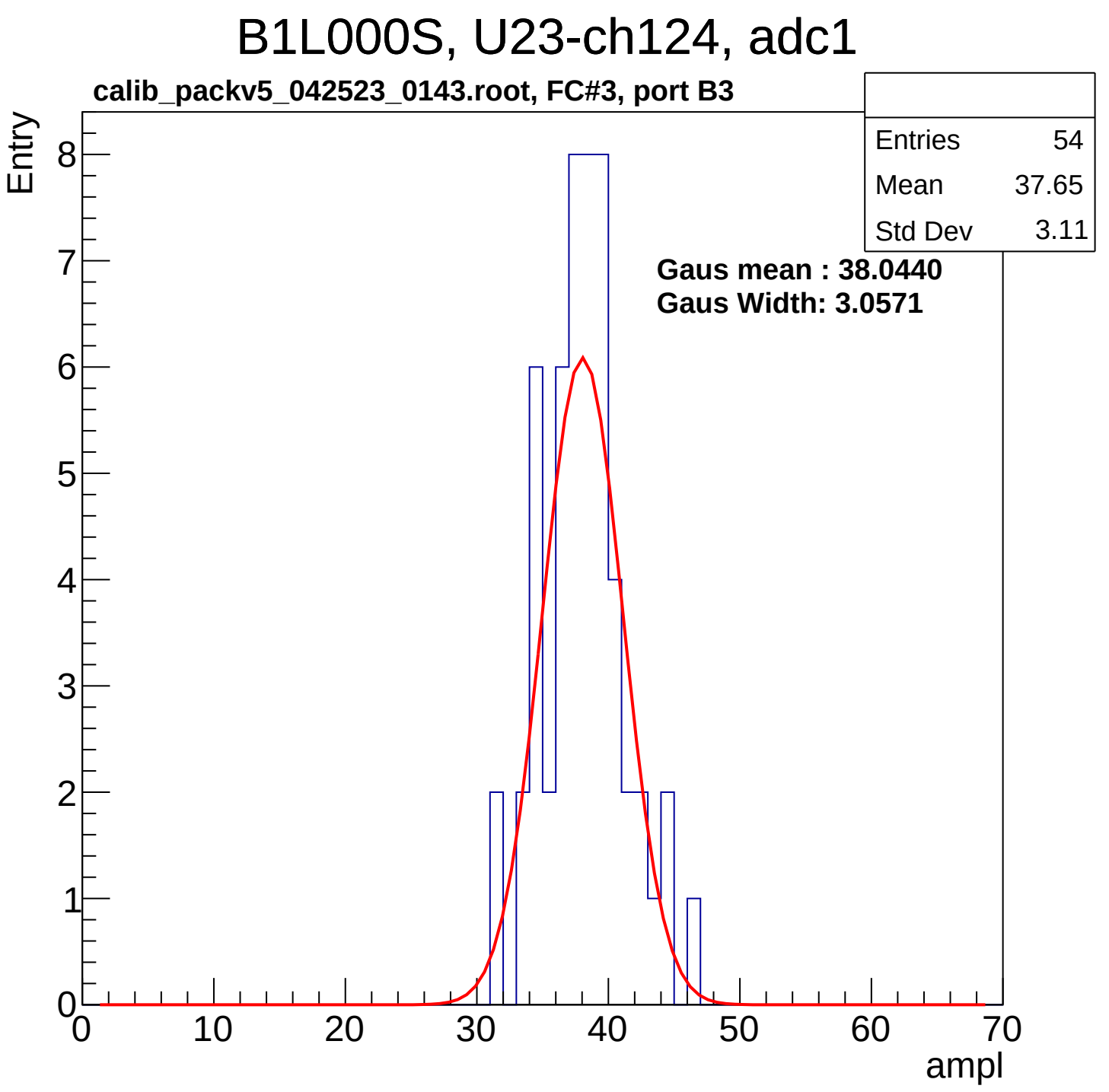
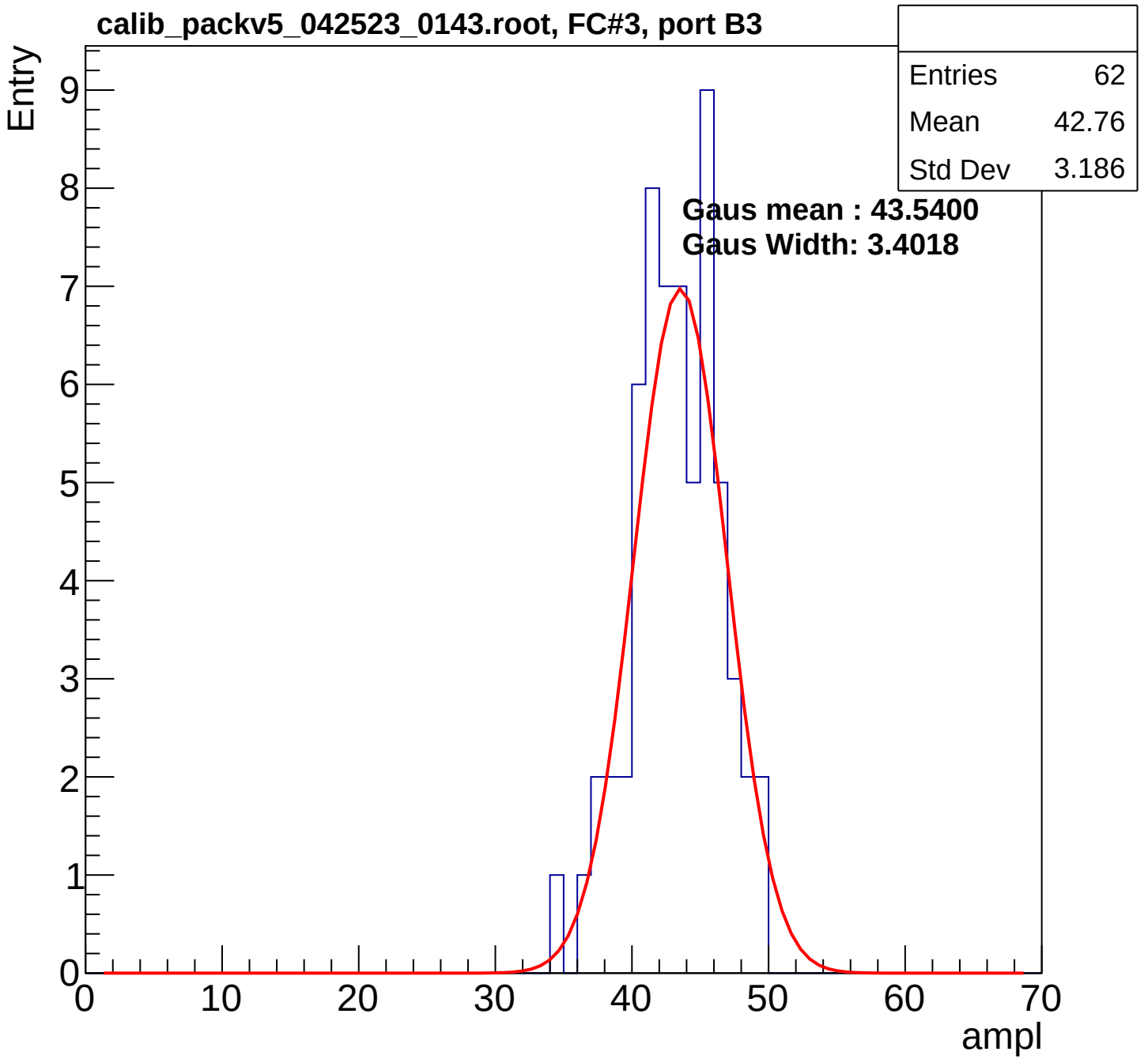
30
40
50
60
70
ampl


B1L000S, U23-ch124, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 29.86
Std Dev 4.57
Gaus mean : 30.3771
Gaus Width: 3.5045
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch124, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 37.65
Std Dev 3.11
Gaus mean : 38.0440
Gaus Width: 3.0571
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch124, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.76
Std Dev 3.186
Gaus mean : 43.5400
Gaus Width: 3.4018
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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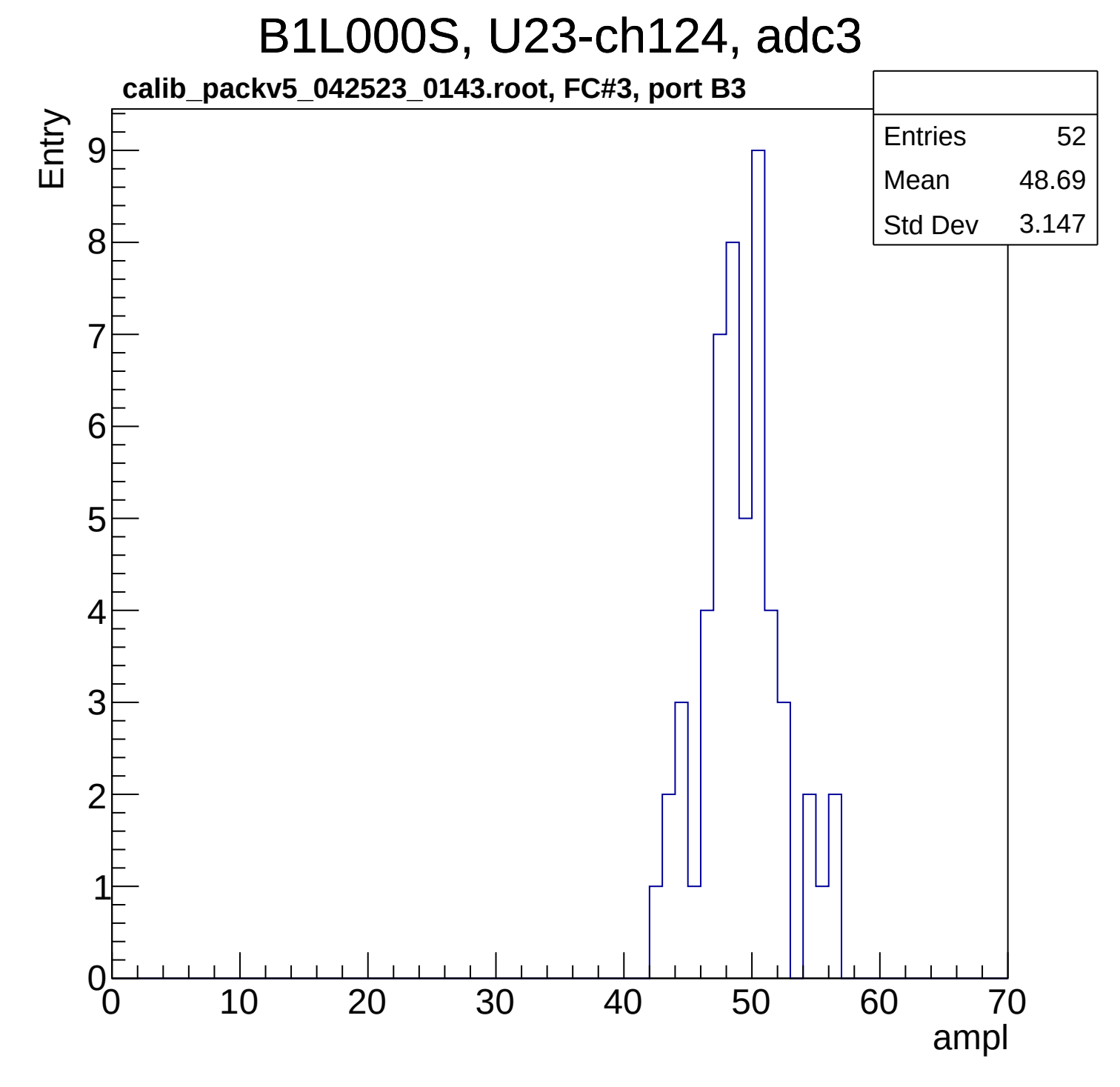
B1L000S, U23-ch124, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 48.69
Std Dev 3.147
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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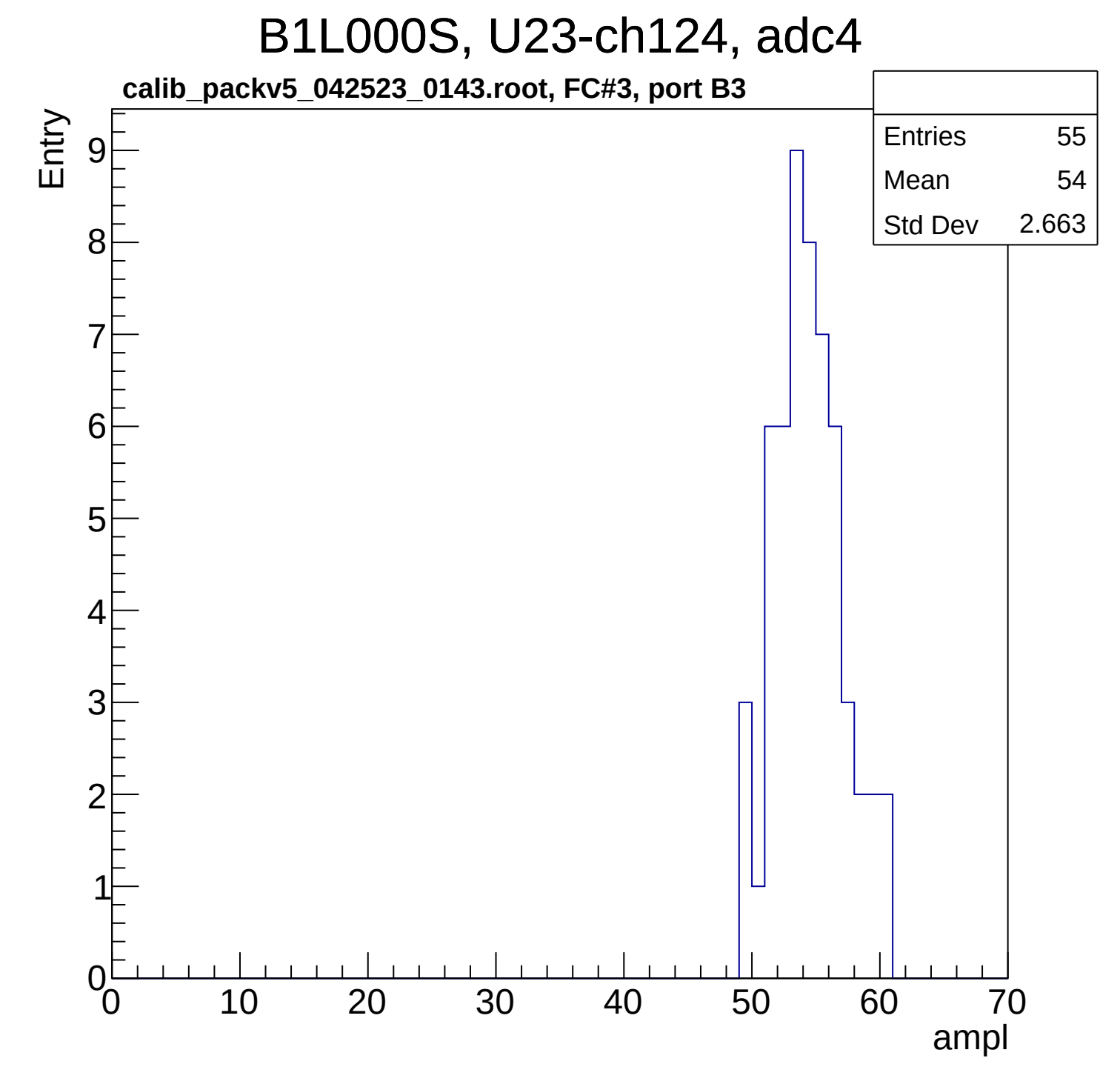
B1L000S, U23-ch124, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54
Std Dev 2.663
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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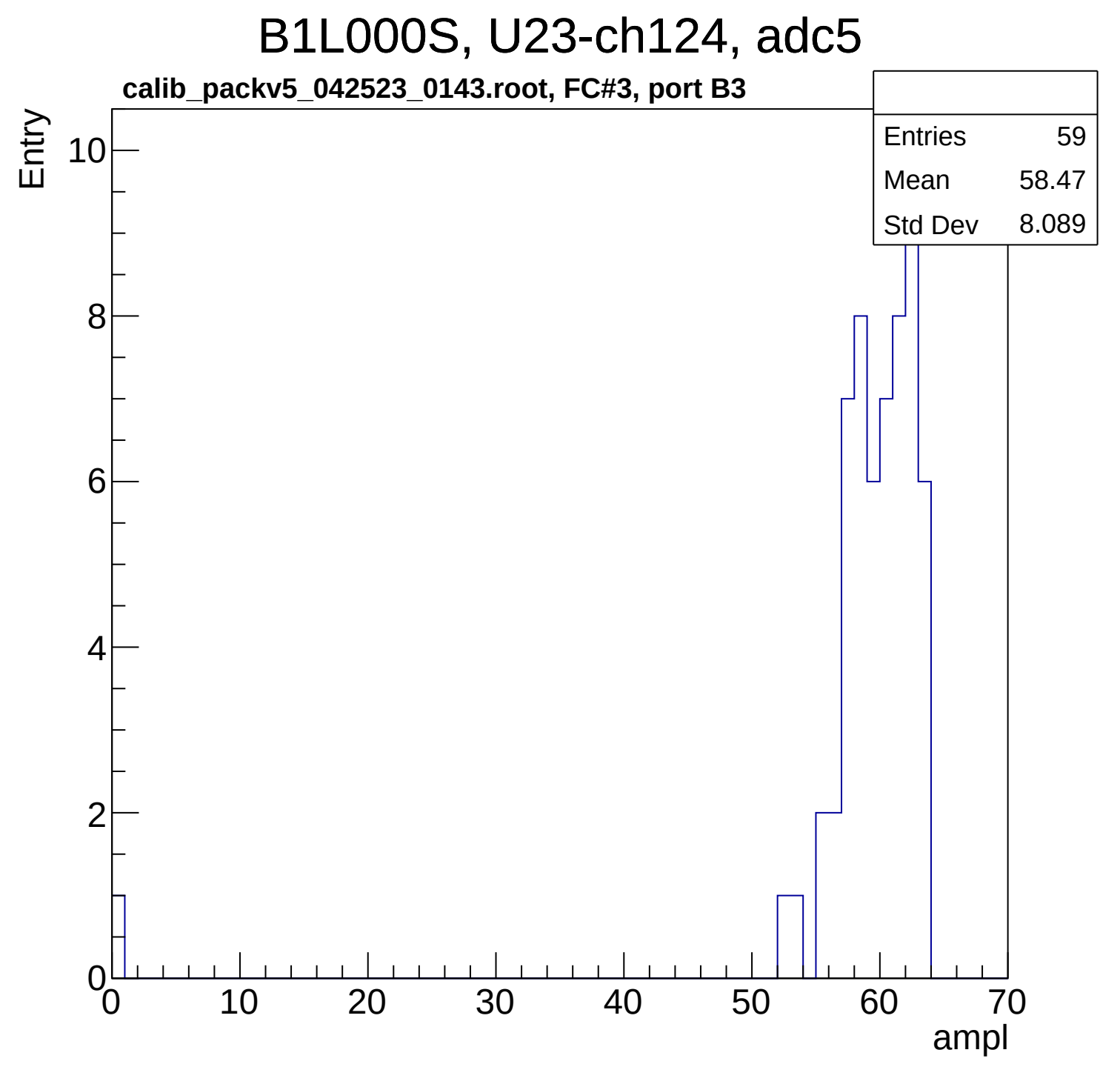
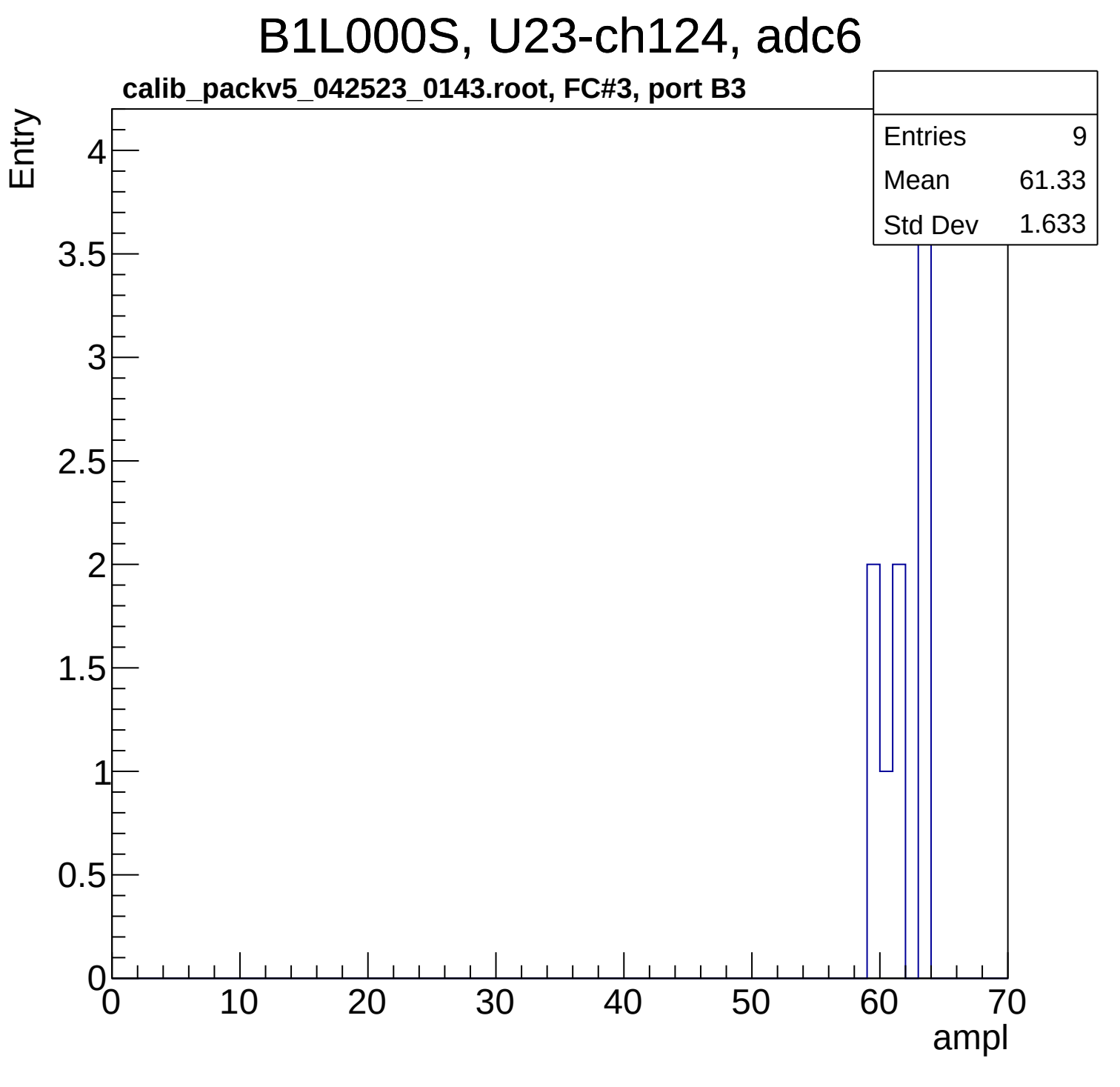
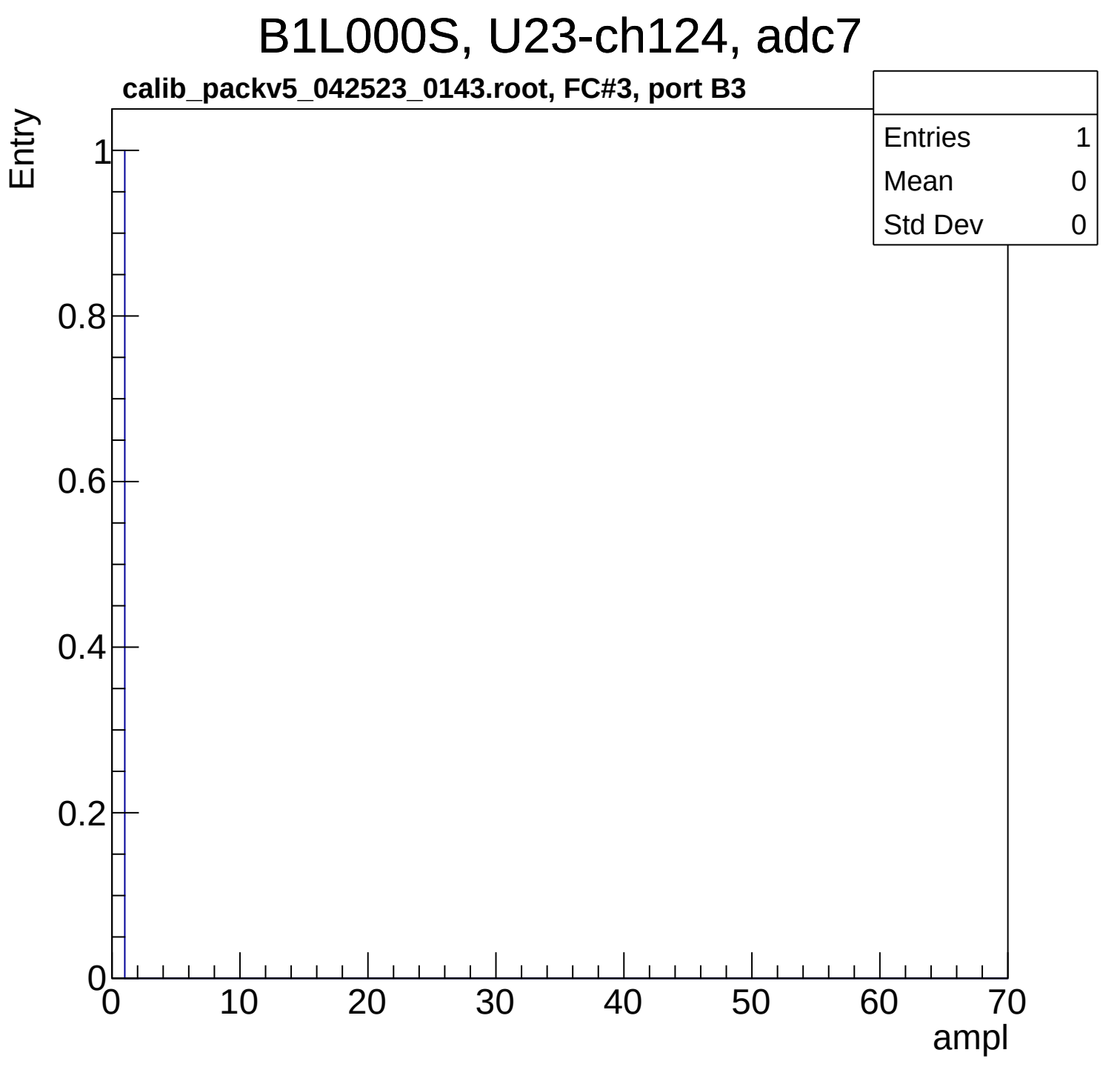

B1L000S, U23-ch124, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.47
Std Dev 8.089
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch124, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 61.33
Std Dev 1.633
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U23-ch124, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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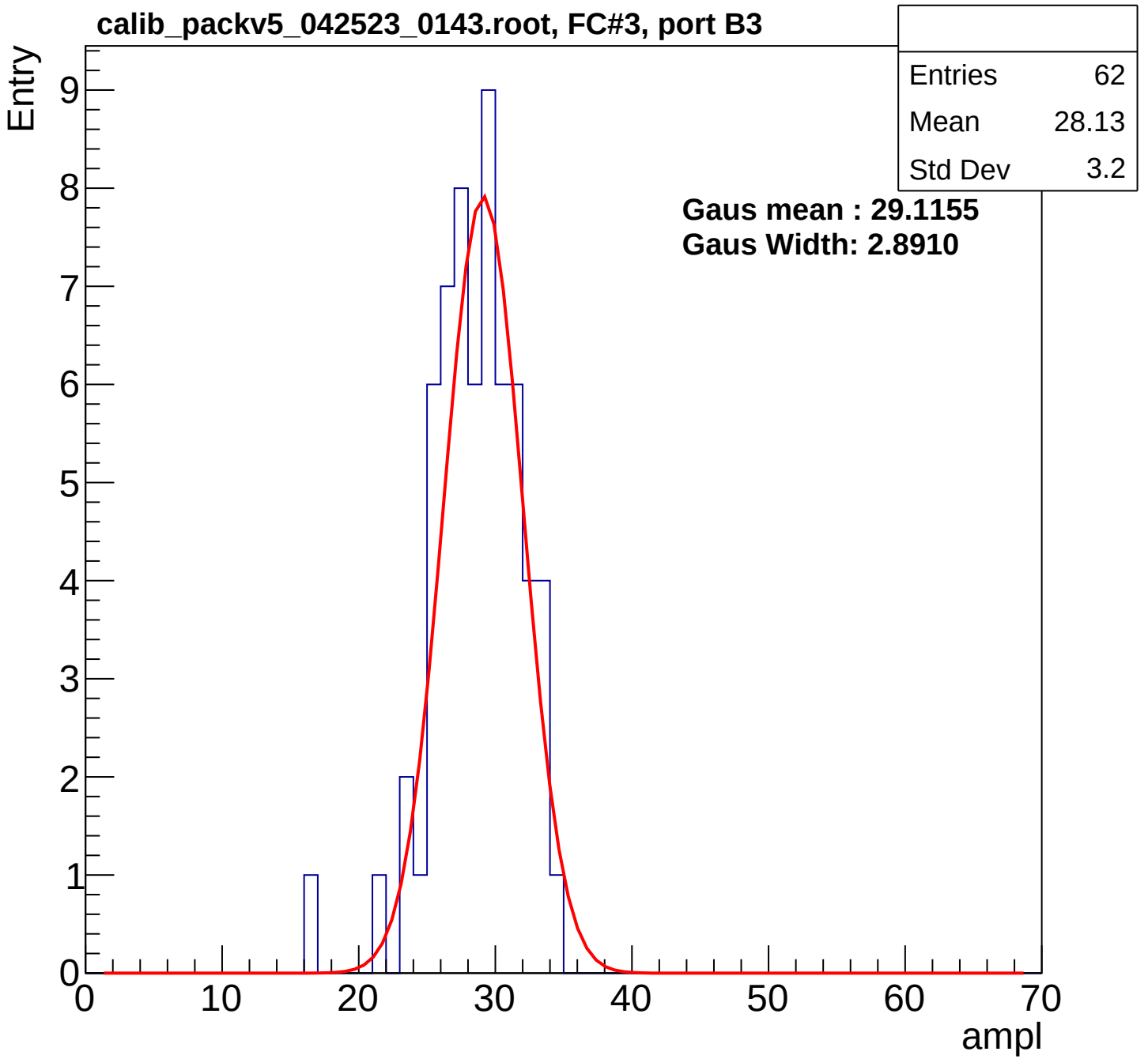
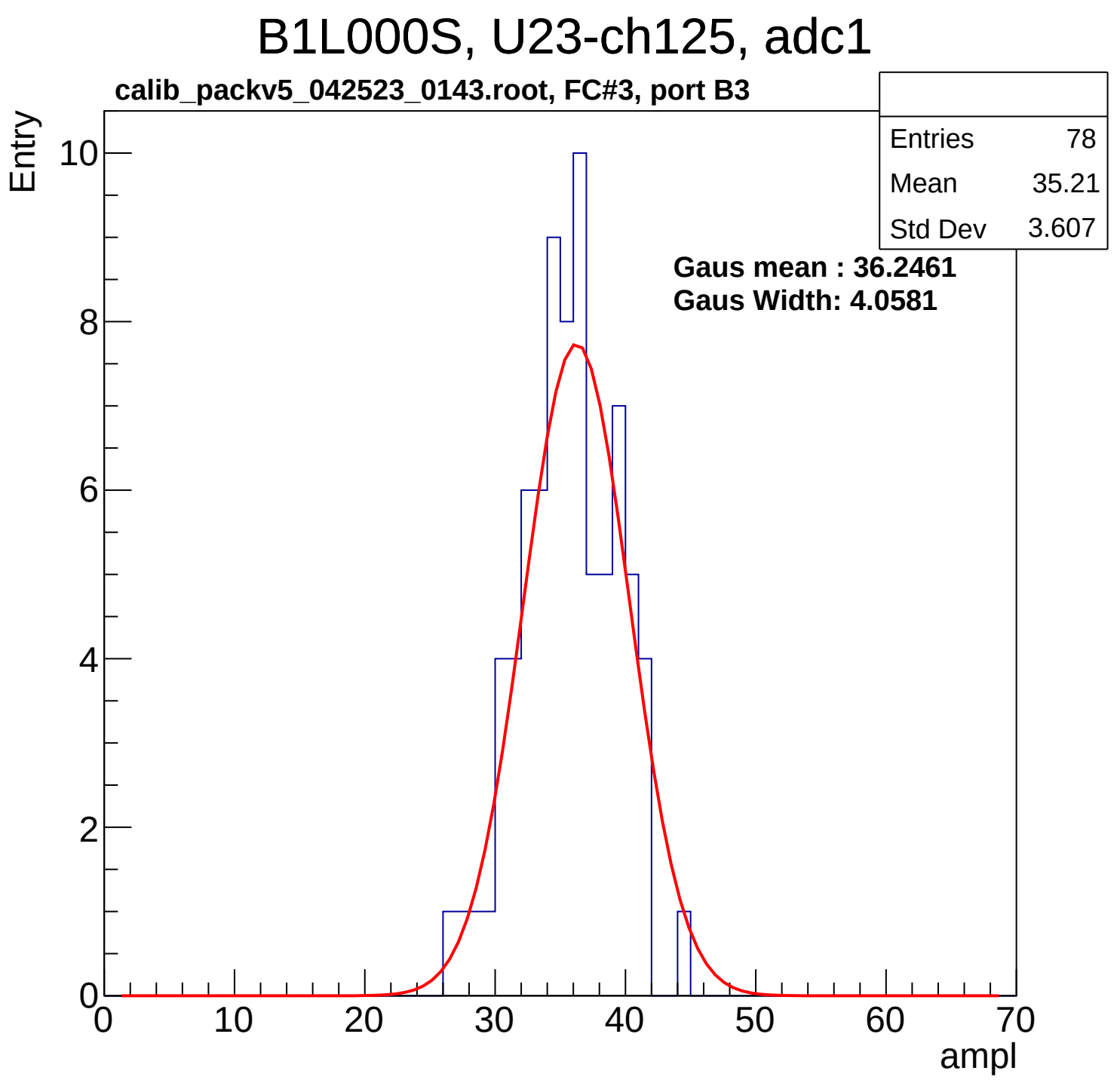
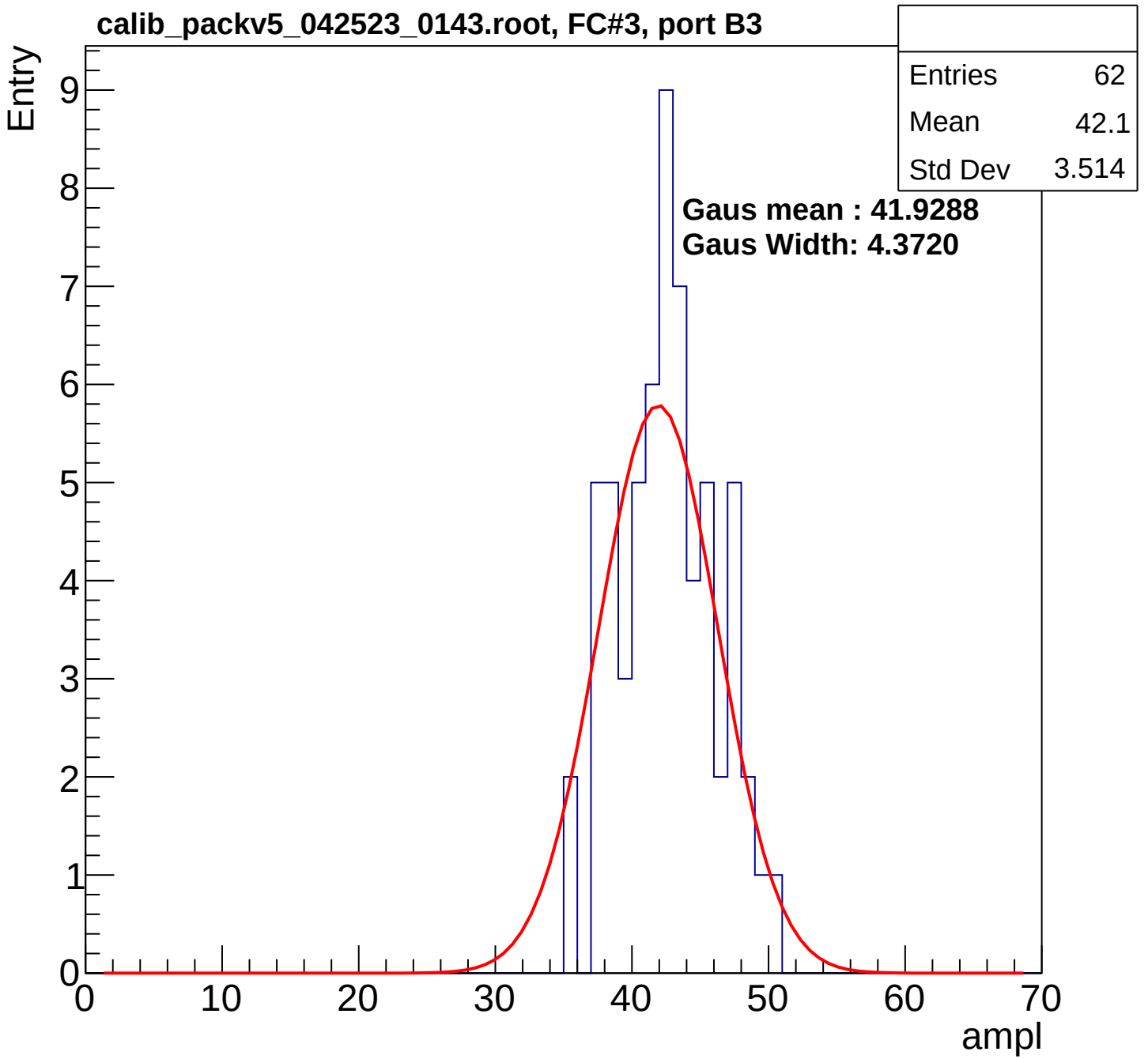
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch125, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 28.13
Std Dev 3.2
Gaus mean : 29.1155
Gaus Width: 2.8910
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch125, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 35.21
Std Dev 3.607
Gaus mean : 36.2461
Gaus Width: 4.0581
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch125, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.1
Std Dev 3.514
Gaus mean : 41.9288
Gaus Width: 4.3720
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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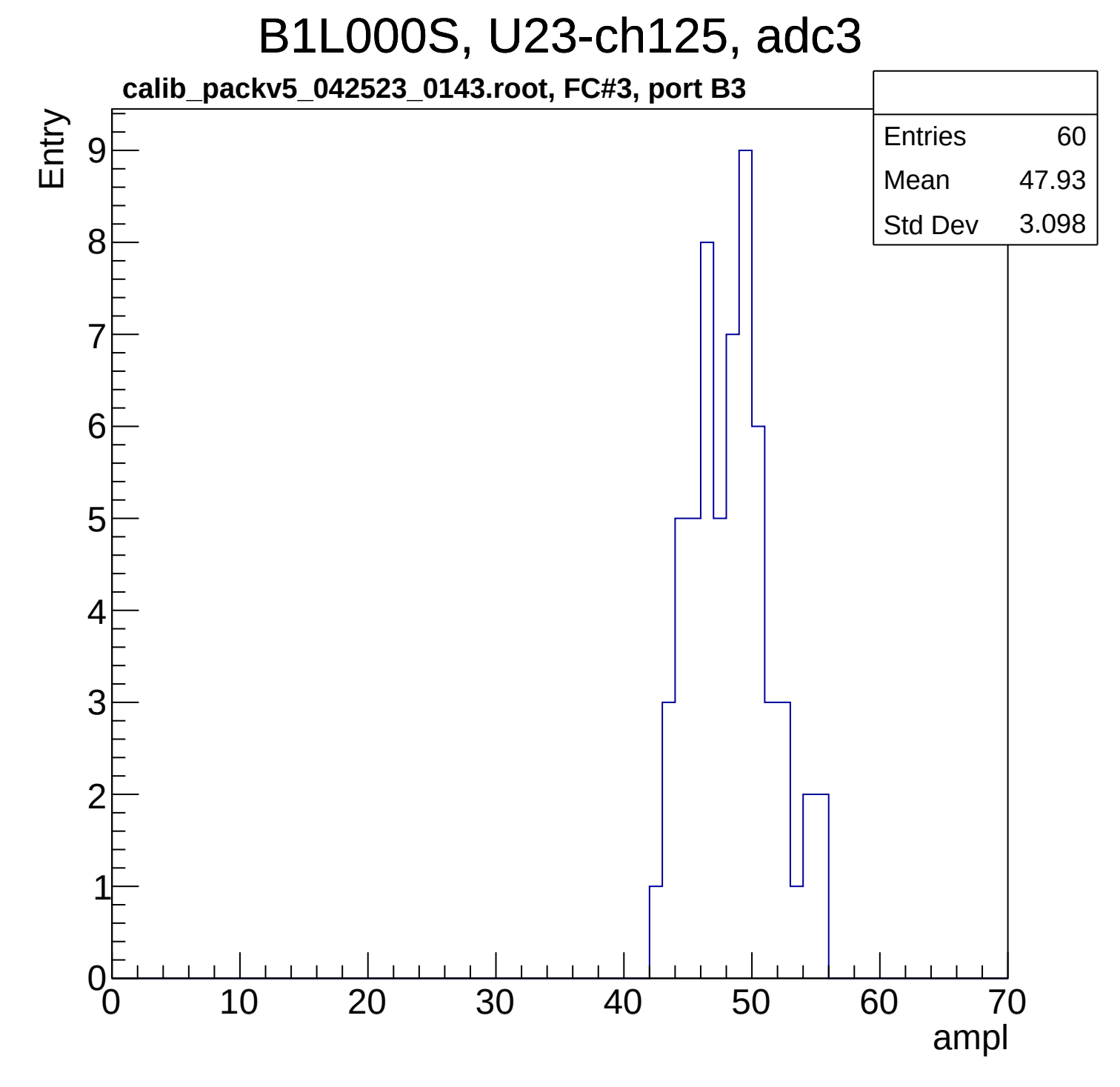
B1L000S, U23-ch125, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.93
Std Dev 3.098
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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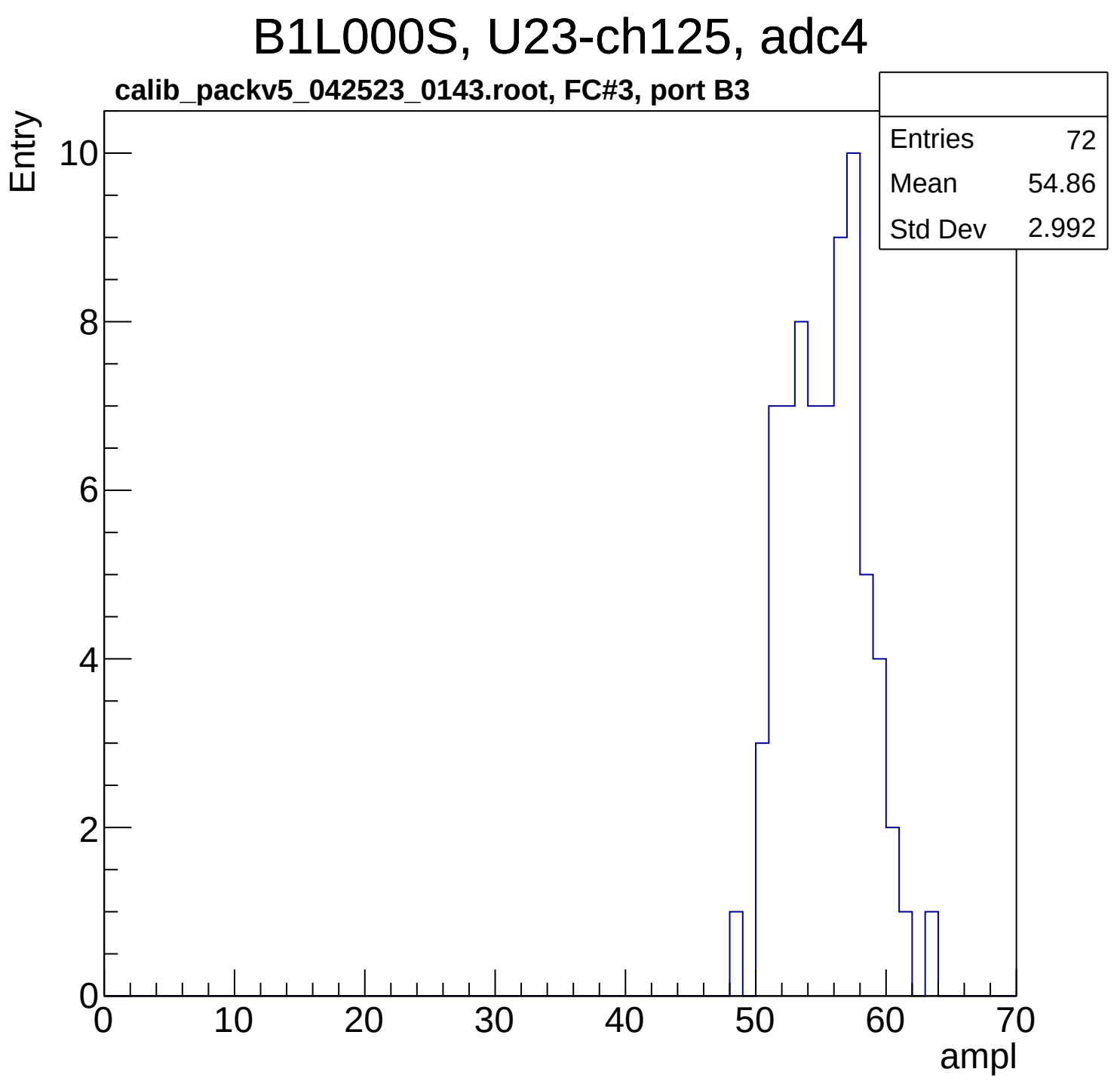
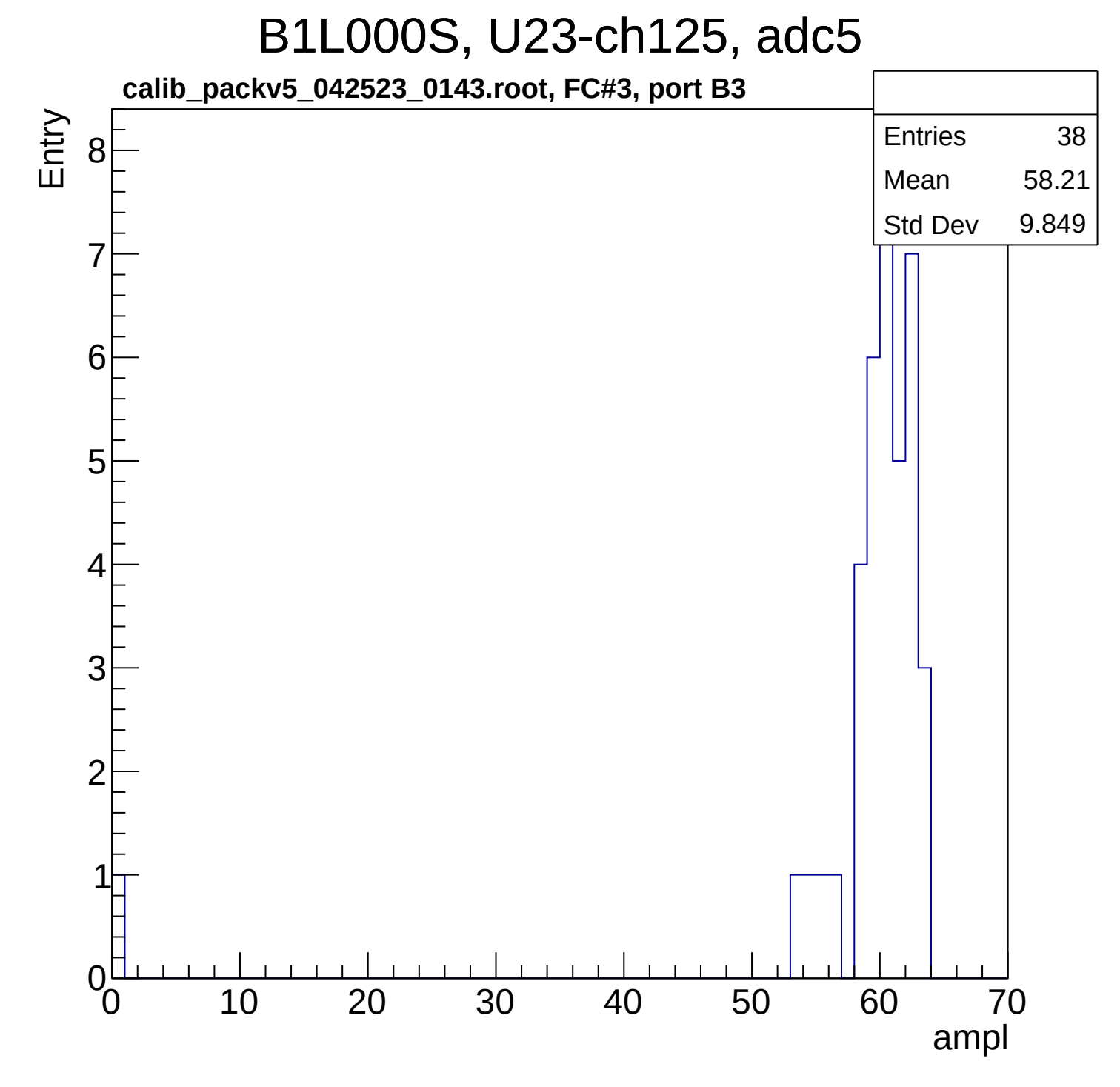

B1L000S, U23-ch125, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 54.86
Std Dev 2.992
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U23-ch125, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 58.21
Std Dev 9.849
Entry
ampl
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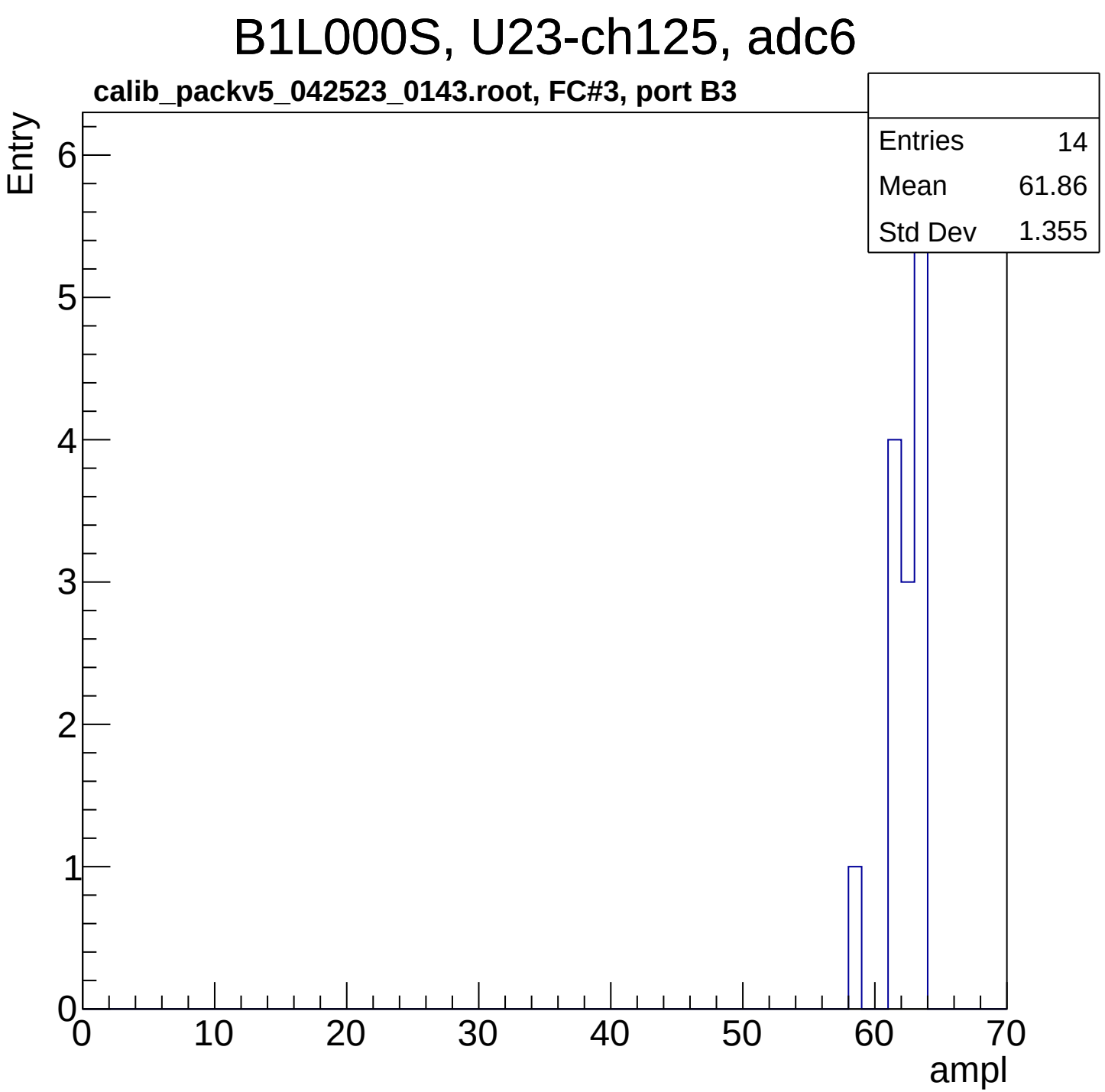
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch125, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.86
Std Dev 1.355
Entry
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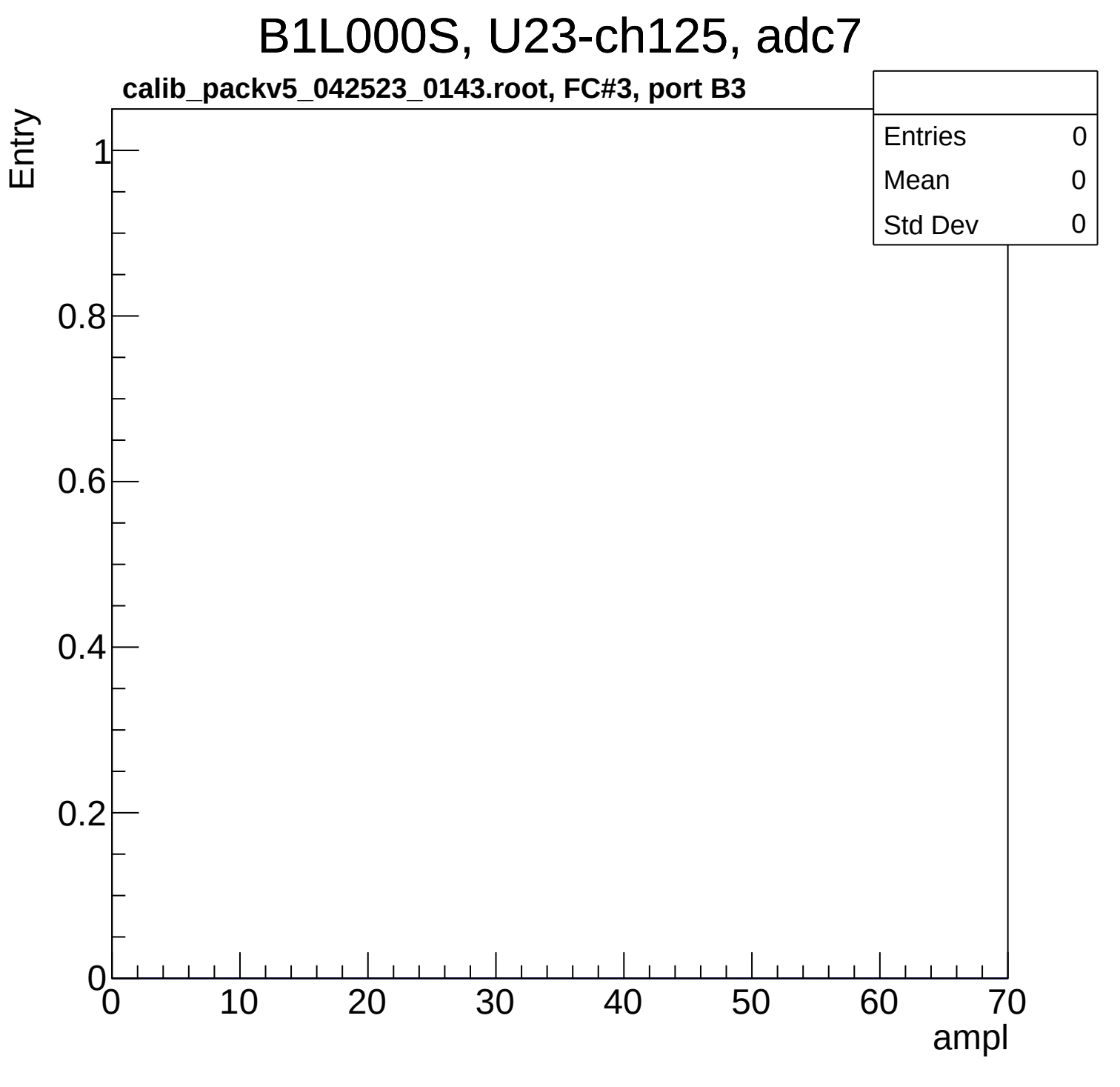
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch125, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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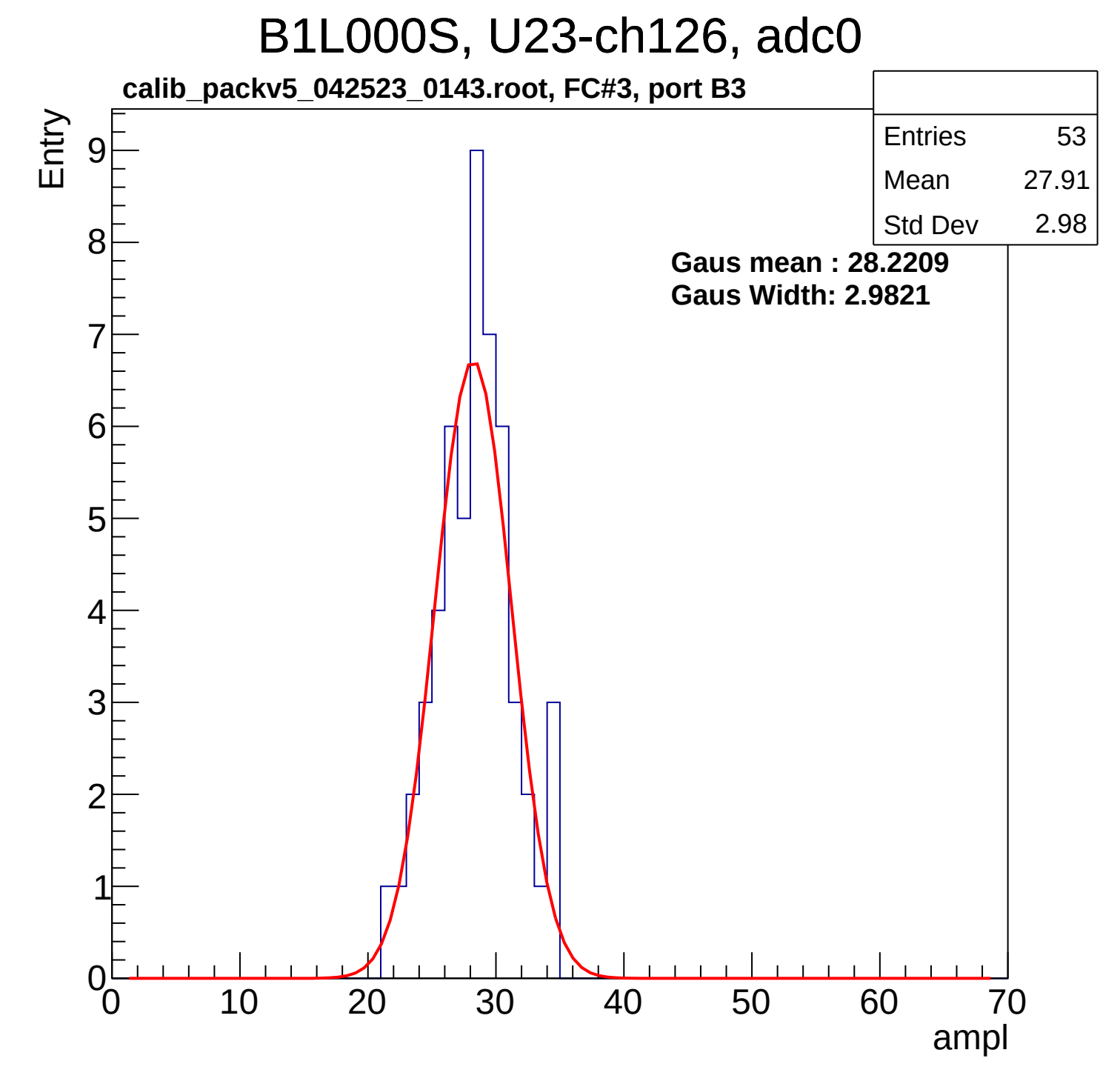
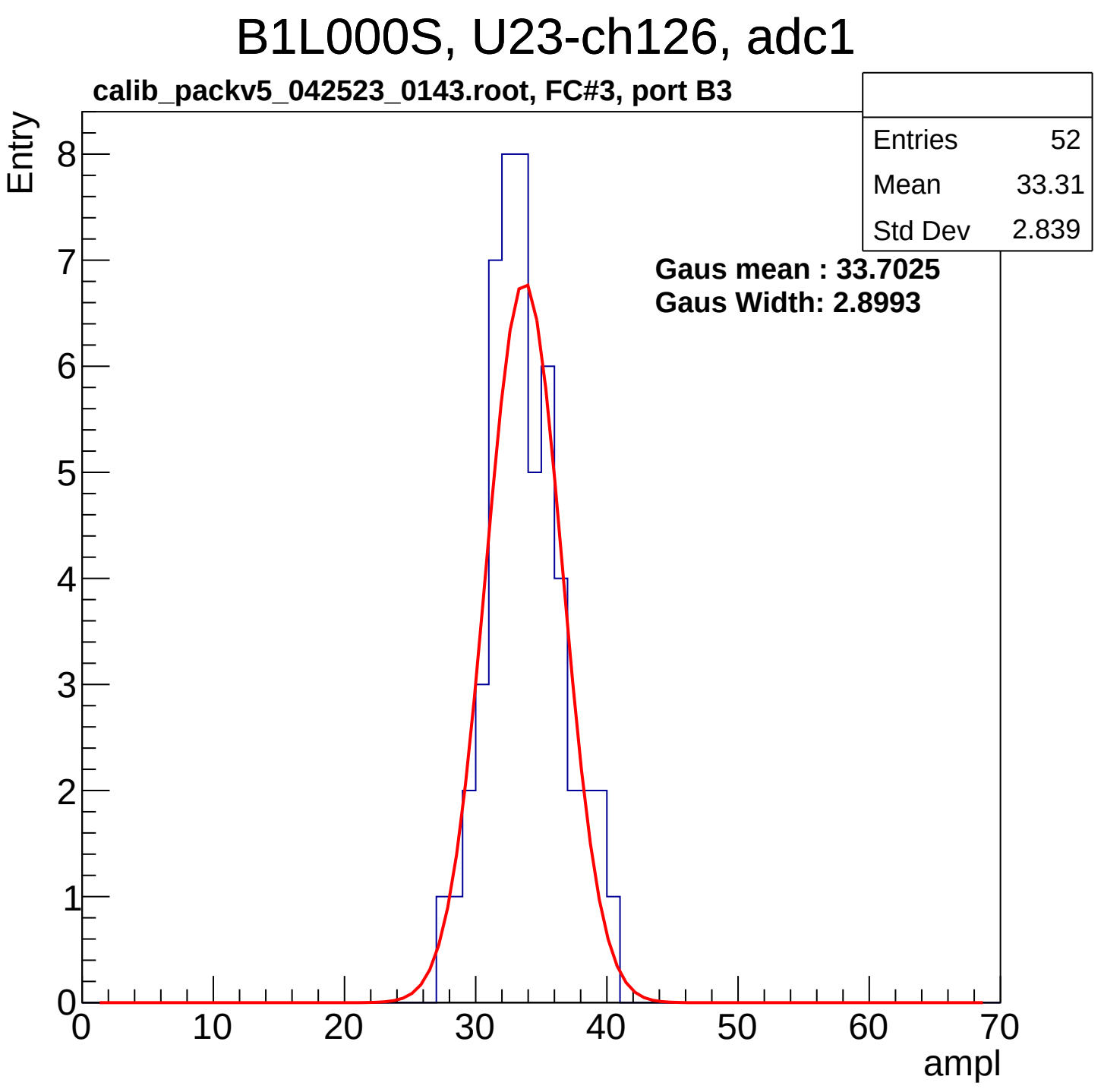
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch126, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 27.91
Std Dev 2.98
Gaus mean : 28.2209
Gaus Width: 2.9821
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch126, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 33.31
Std Dev 2.839
Gaus mean : 33.7025
Gaus Width: 2.8993
Entry
ampl
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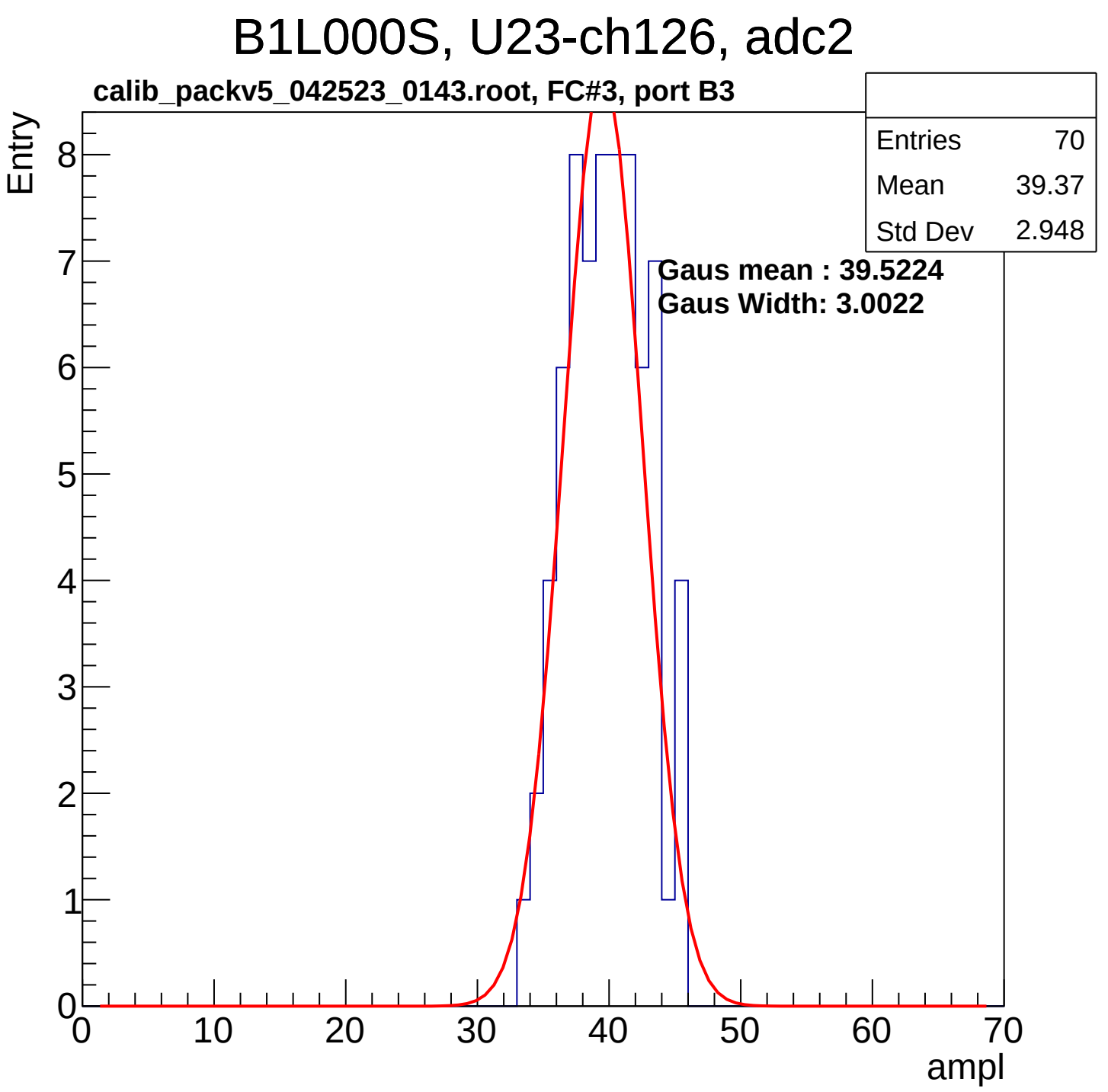
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch126, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 39.37
Std Dev 2.948
Gaus mean : 39.5224
Gaus Width: 3.0022
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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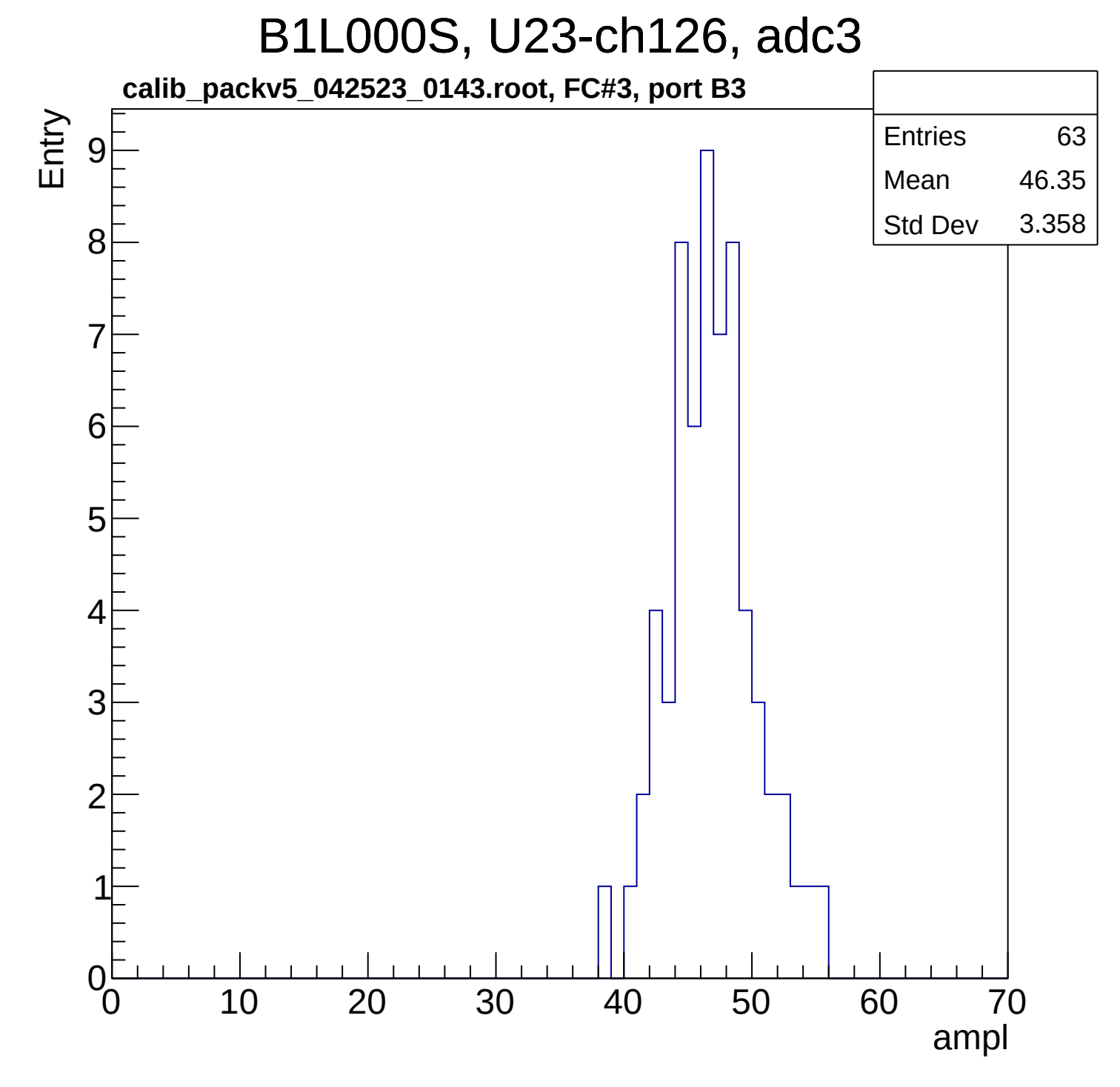
B1L000S, U23-ch126, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 46.35
Std Dev 3.358
Entry
ampl
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3
4
5
6
7
8
9
0
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40
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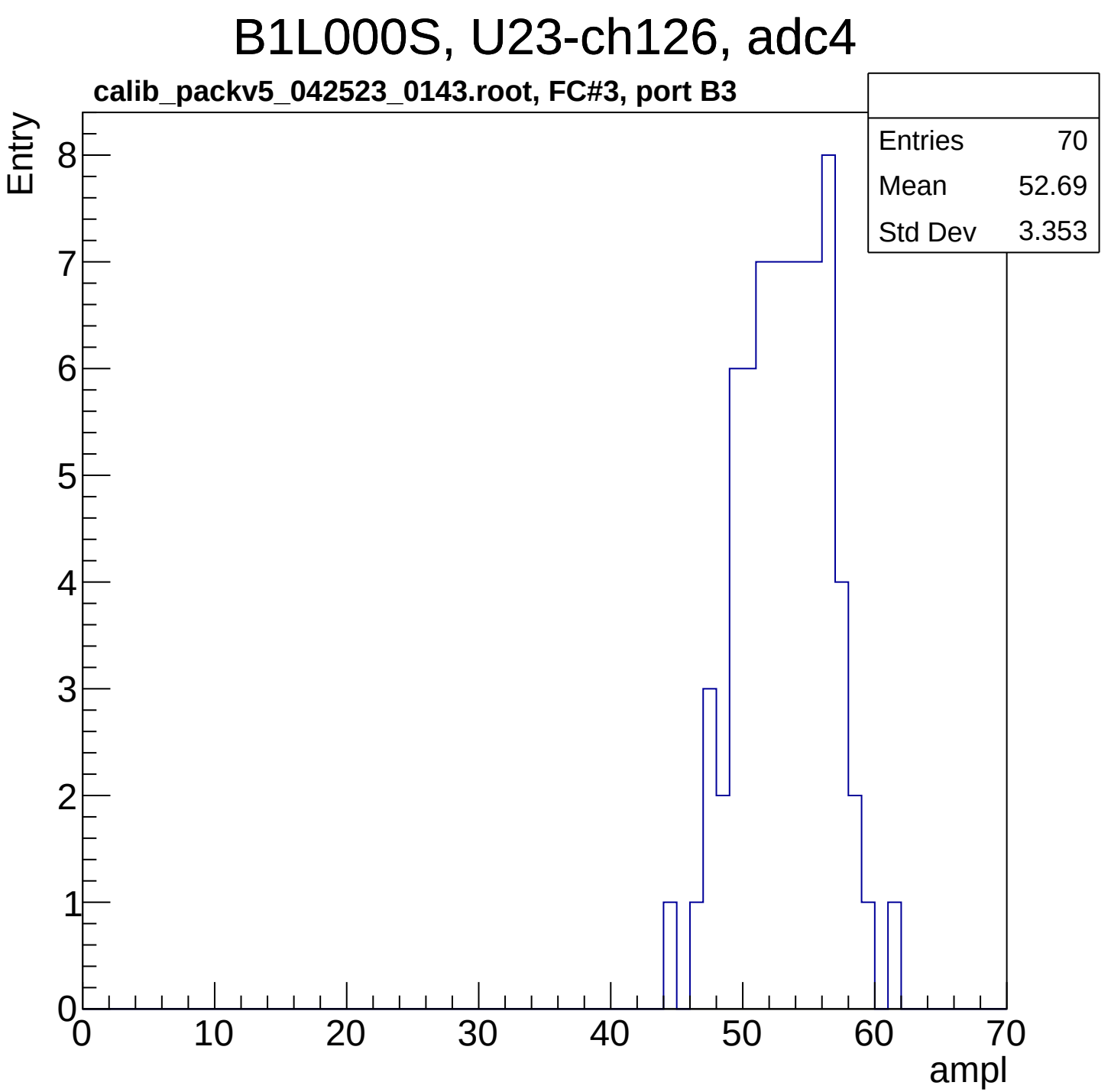
60
70


B1L000S, U23-ch126, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 52.69
Std Dev 3.353
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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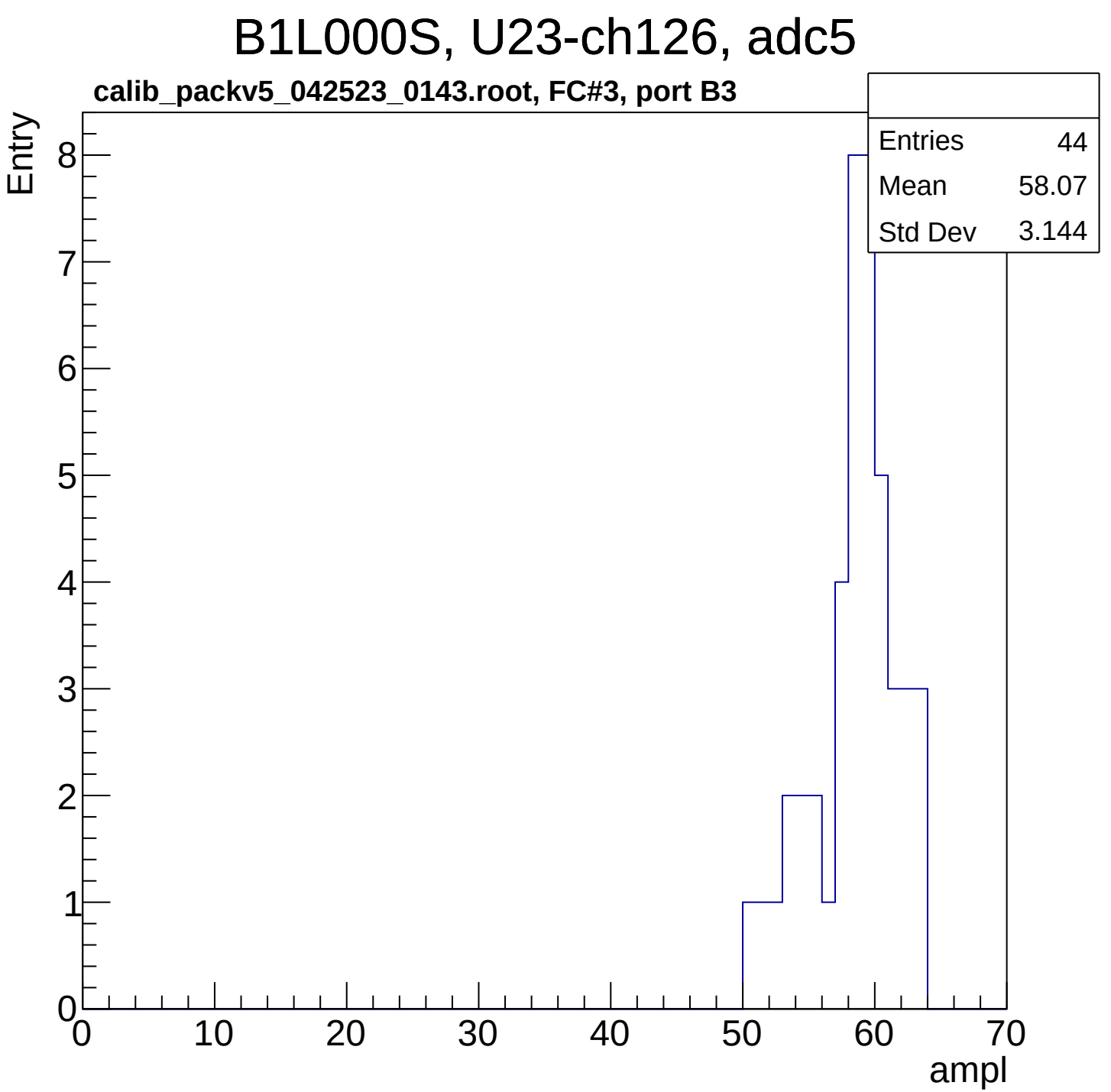
40
50
60
70


B1L000S, U23-ch126, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 58.07
Std Dev 3.144
Entry
ampl
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4
5
6
7
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0
10
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60
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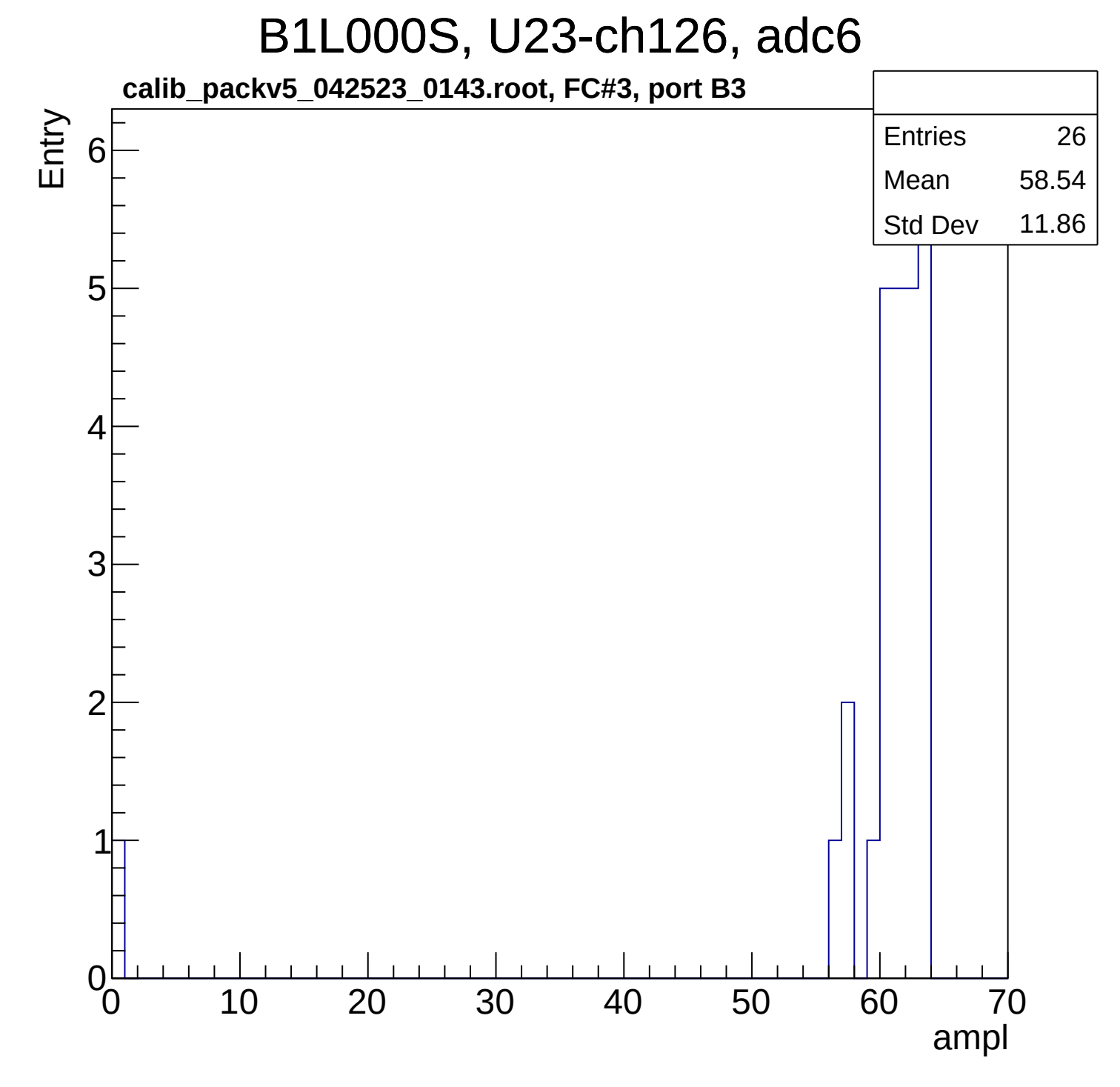
B1L000S, U23-ch126, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 26
Mean 58.54
Std Dev 11.86
Entry
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2
3
4
5
6
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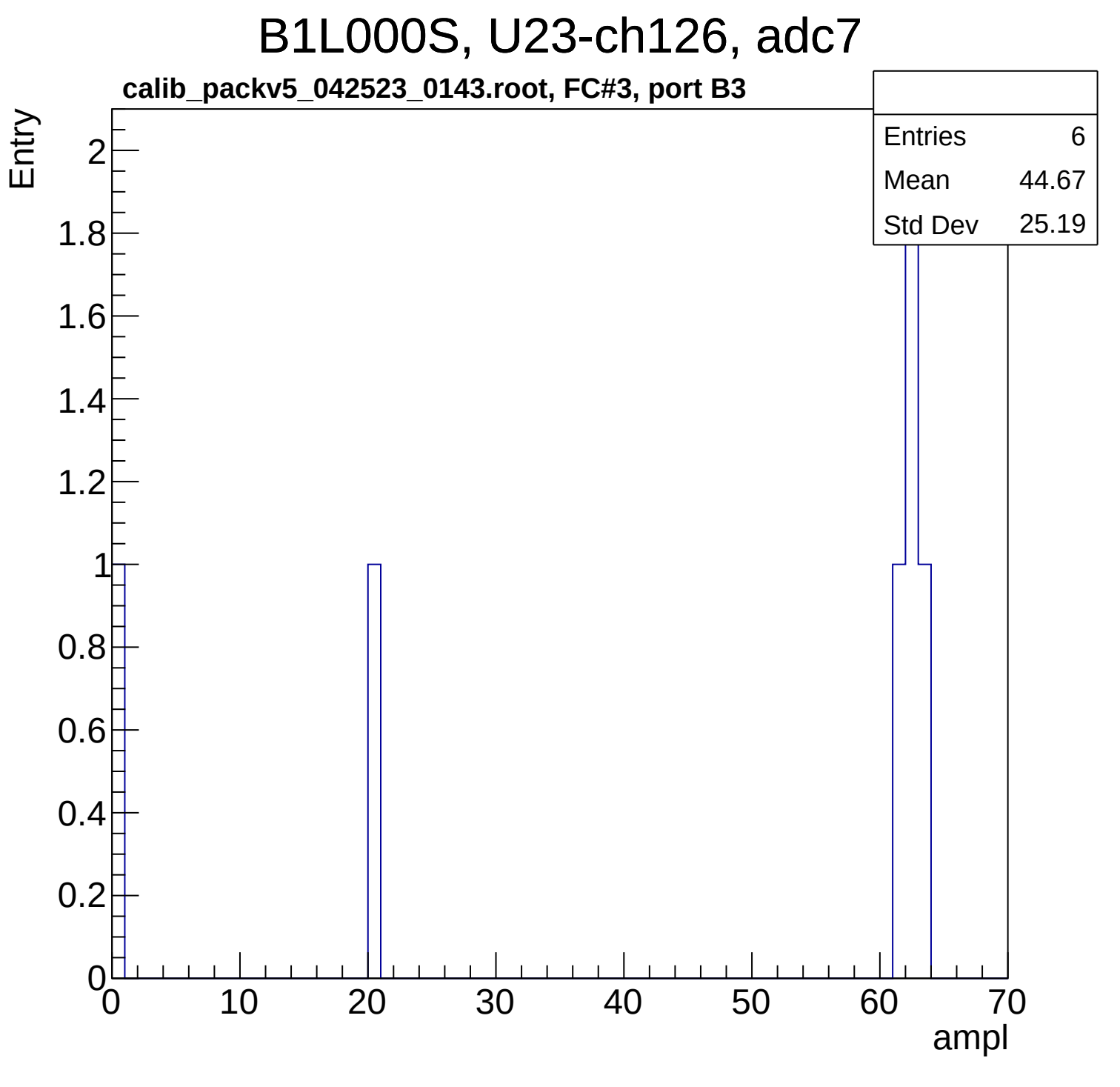
10
20
30
40
50
60
70
ampl


B1L000S, U23-ch126, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 44.67
Std Dev 25.19
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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20
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40
50
60
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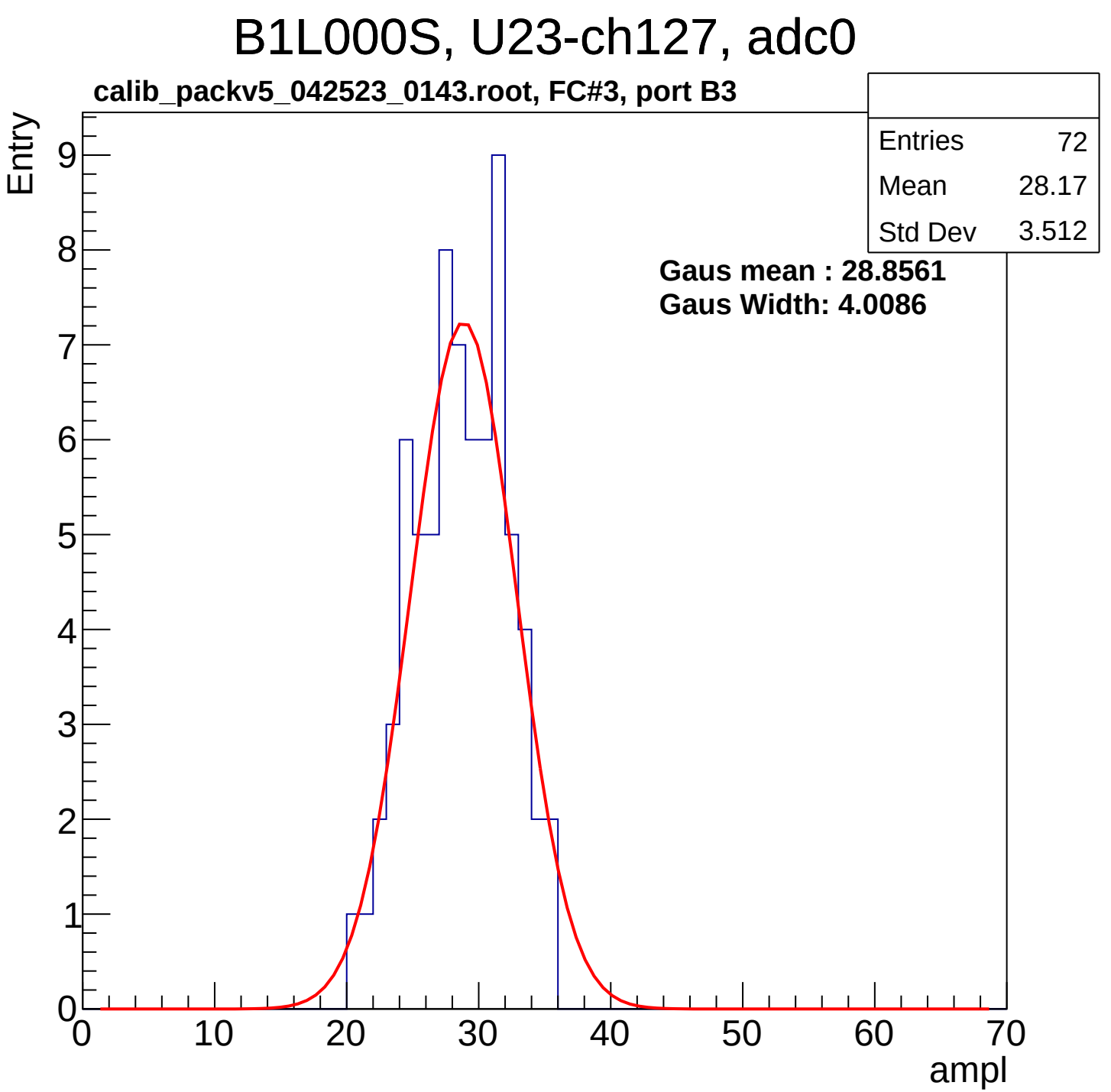
B1L000S, U23-ch127, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.17
Std Dev 3.512
Gaus mean : 28.8561
Gaus Width: 4.0086
Entry
ampl
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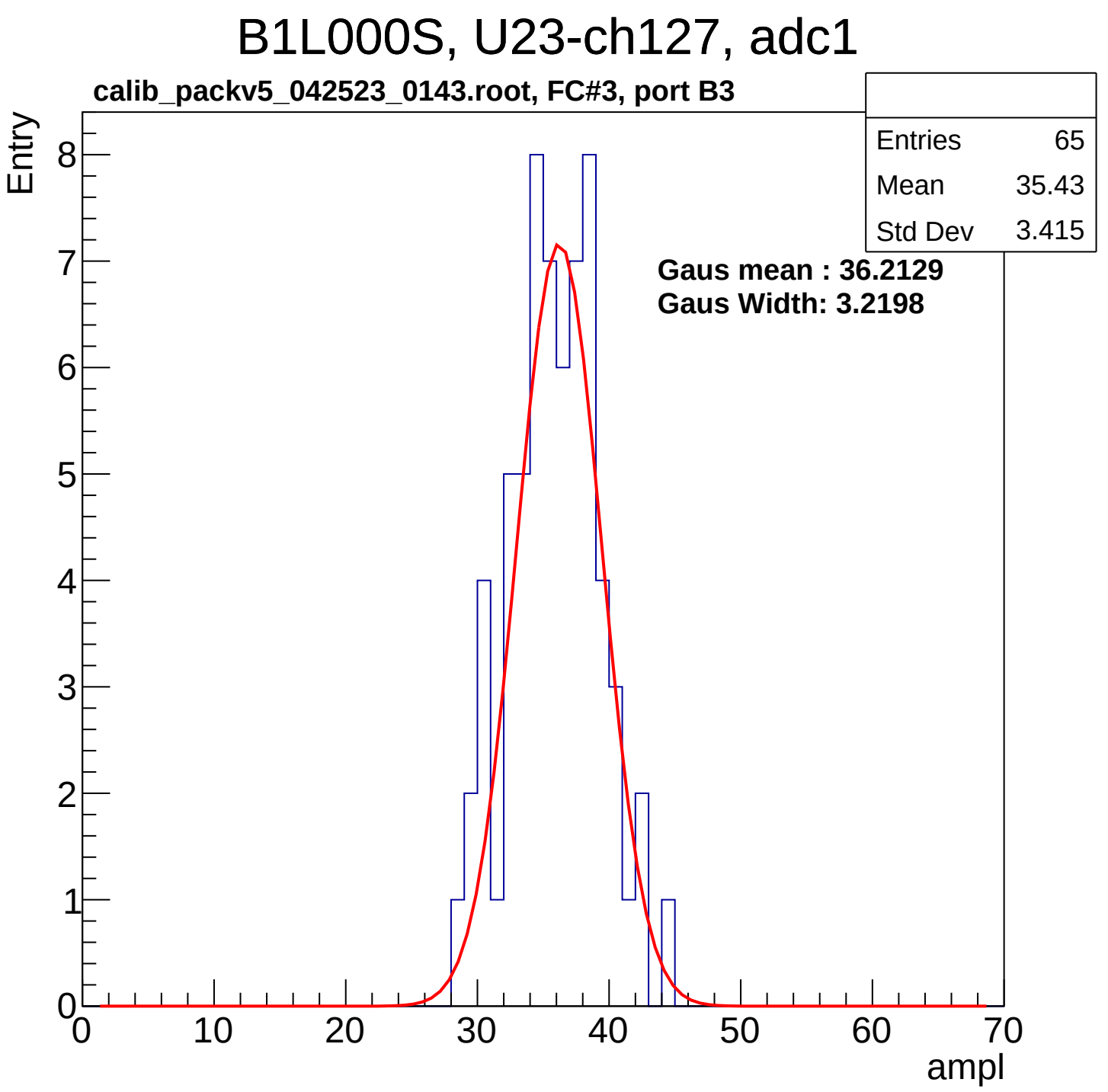
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U23-ch127, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.43
Std Dev 3.415
Gaus mean : 36.2129
Gaus Width: 3.2198
Entry
ampl
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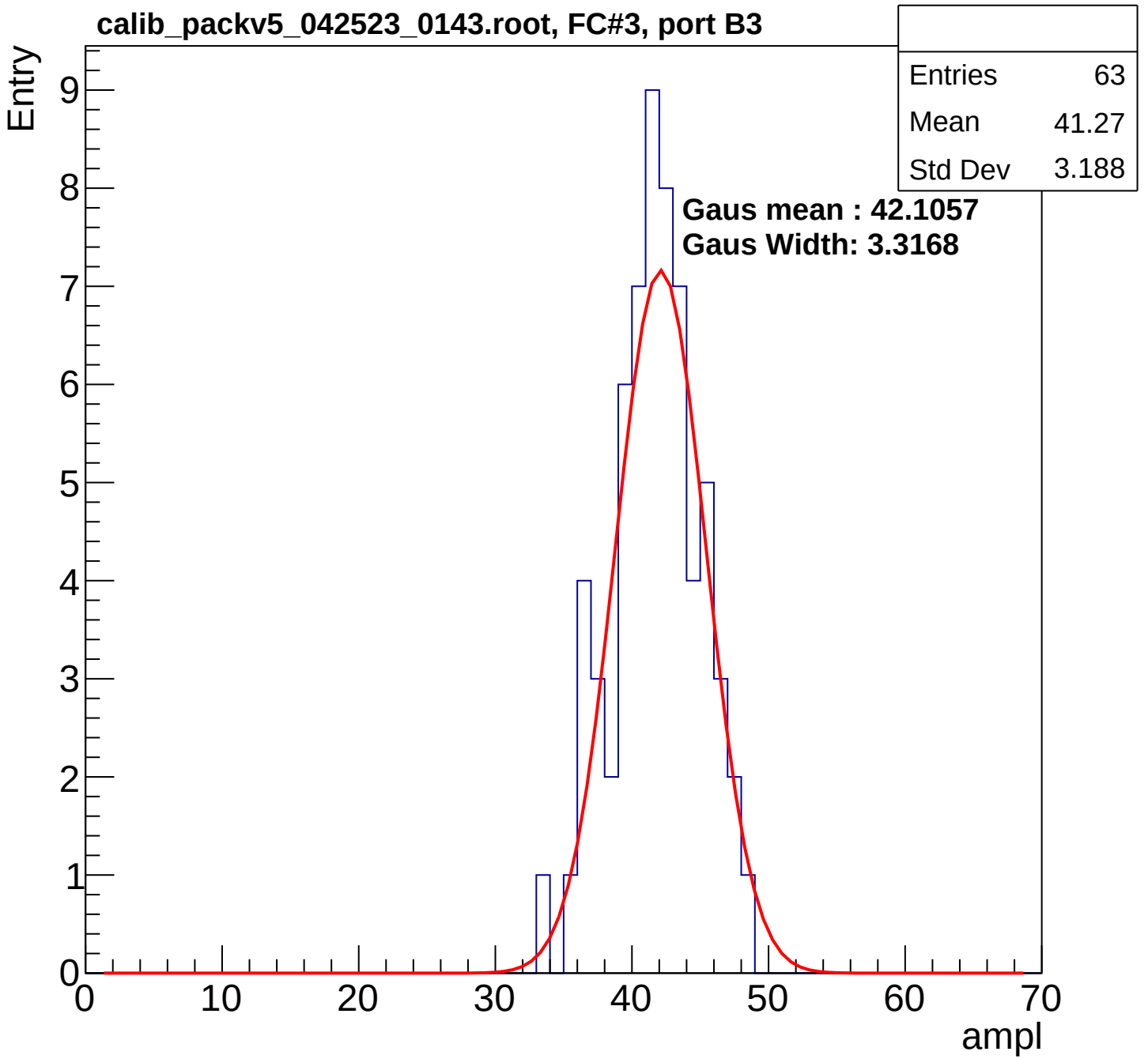
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch127, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 41.27
Std Dev 3.188
Gaus mean : 42.1057
Gaus Width: 3.3168
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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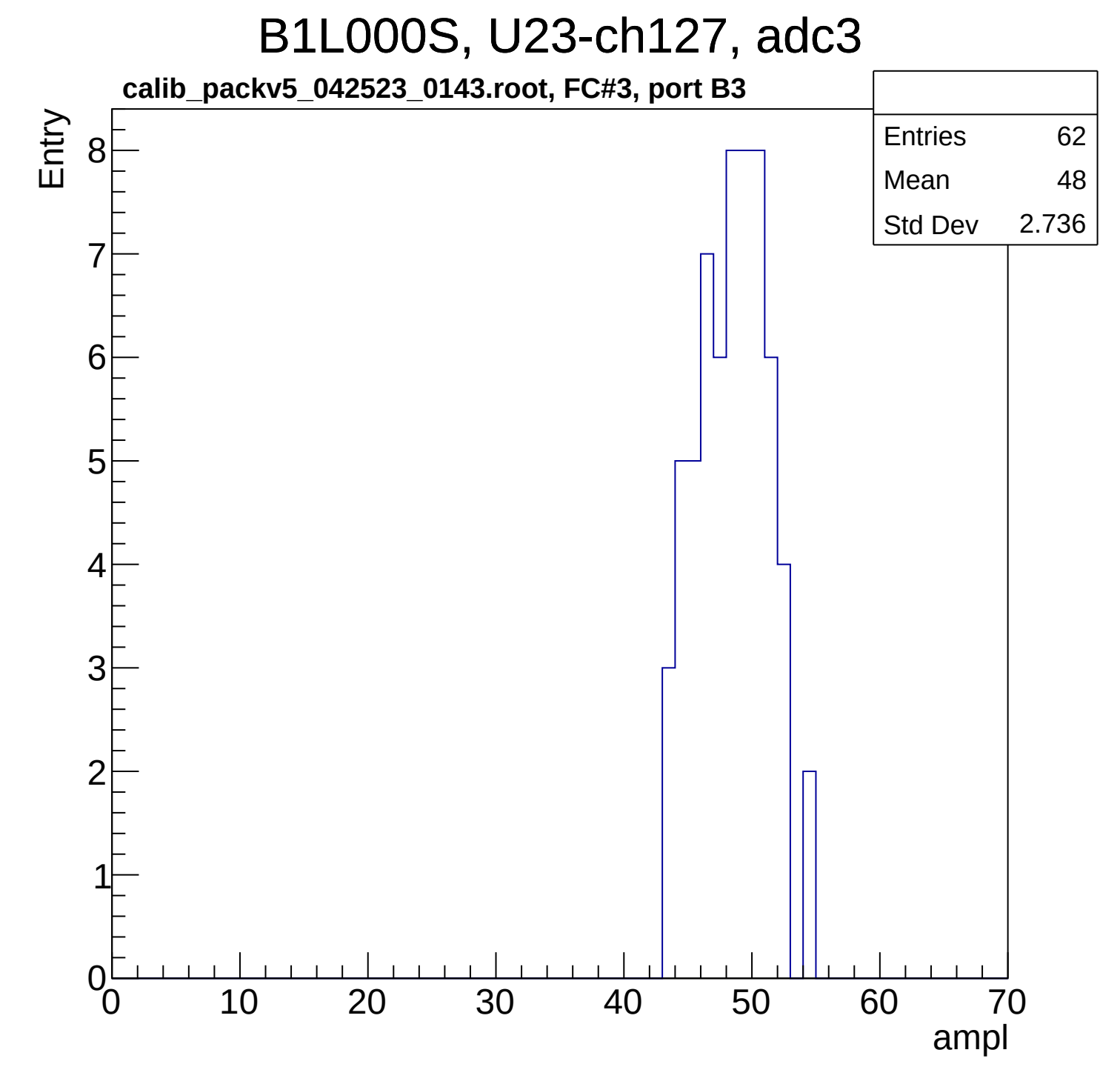
B1L000S, U23-ch127, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48
Std Dev 2.736
Entry
ampl
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2
3
4
5
6
7
8
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40
50
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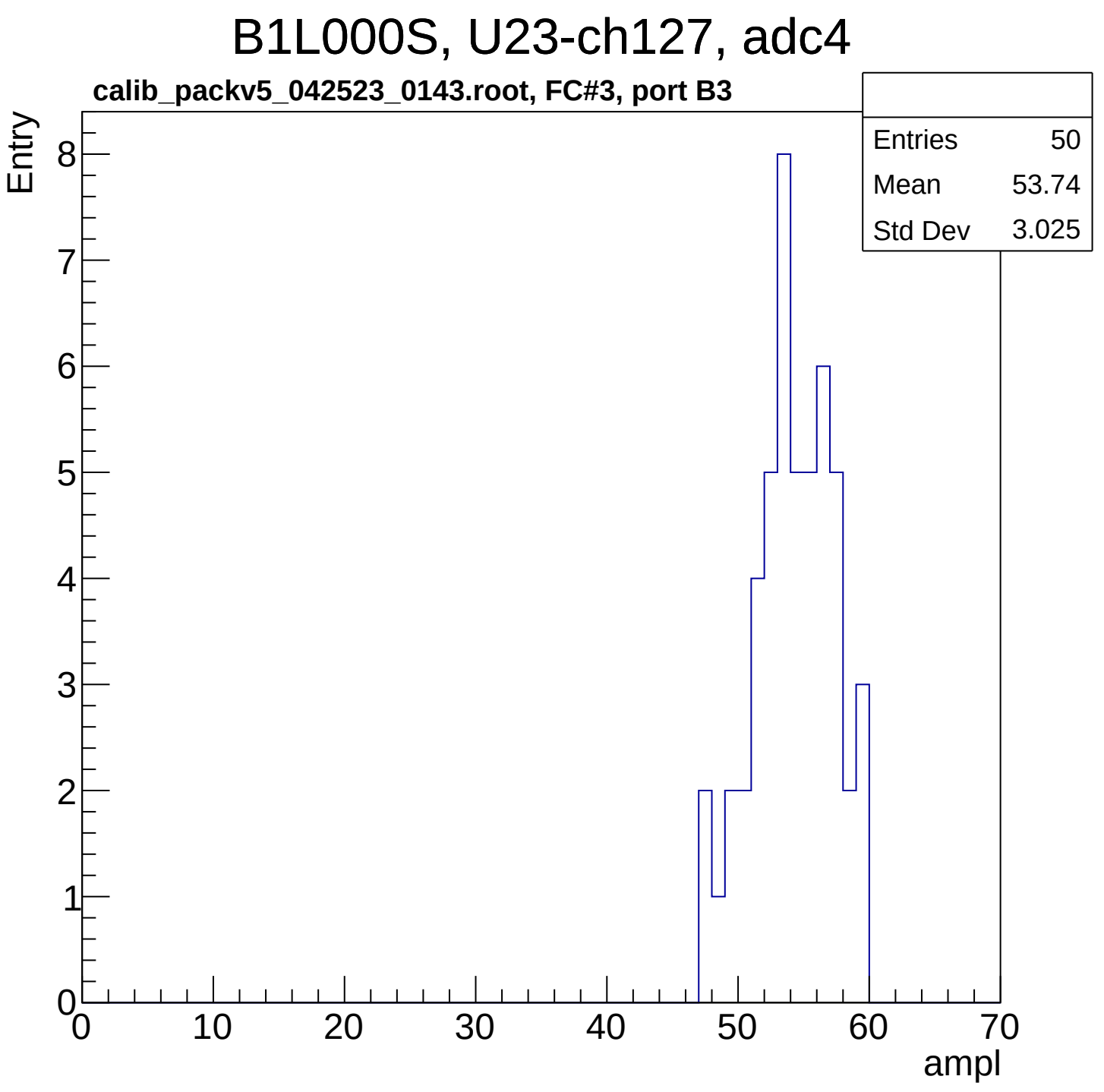
B1L000S, U23-ch127, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 53.74
Std Dev 3.025
Entry
ampl
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40
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60
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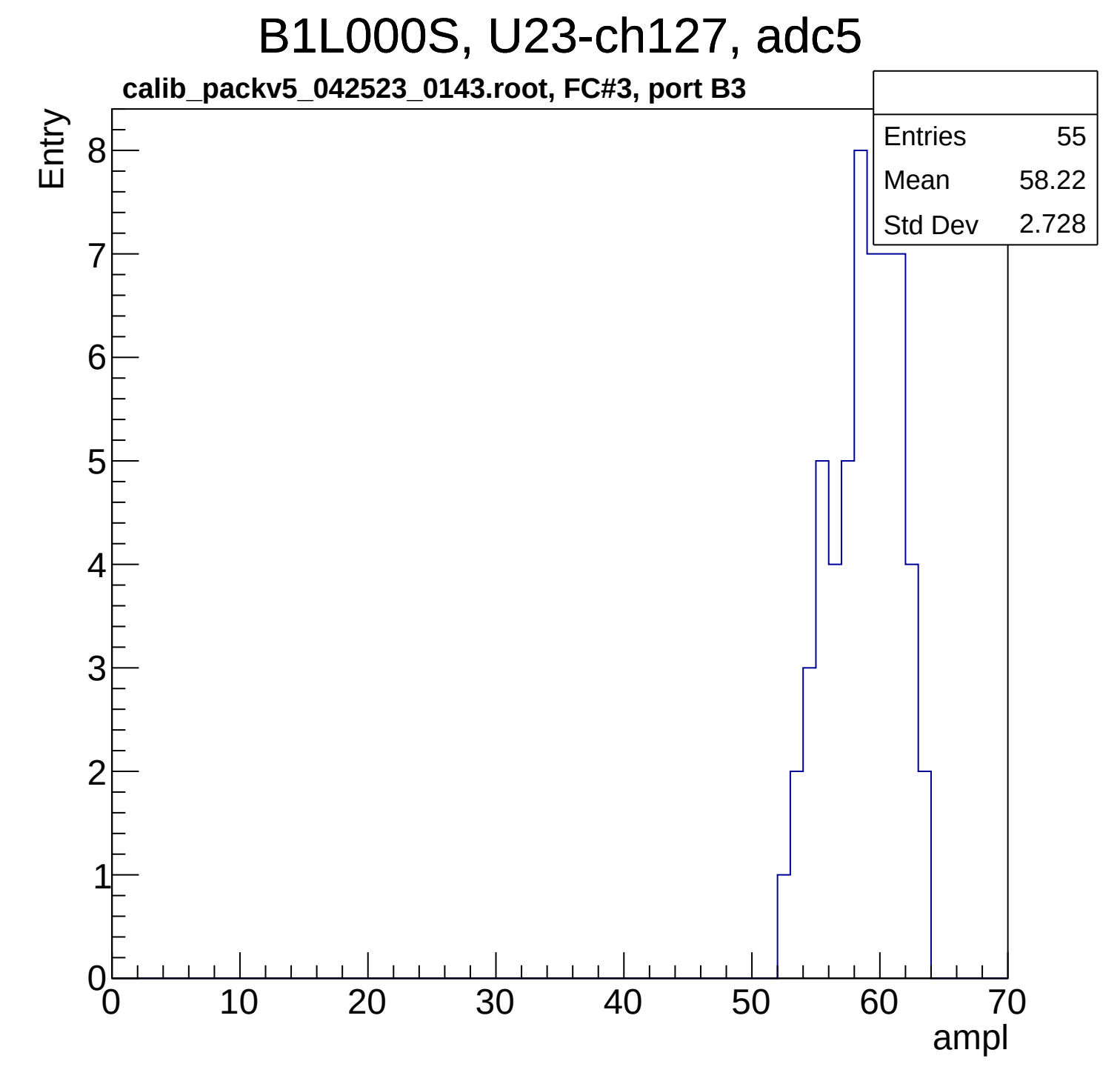
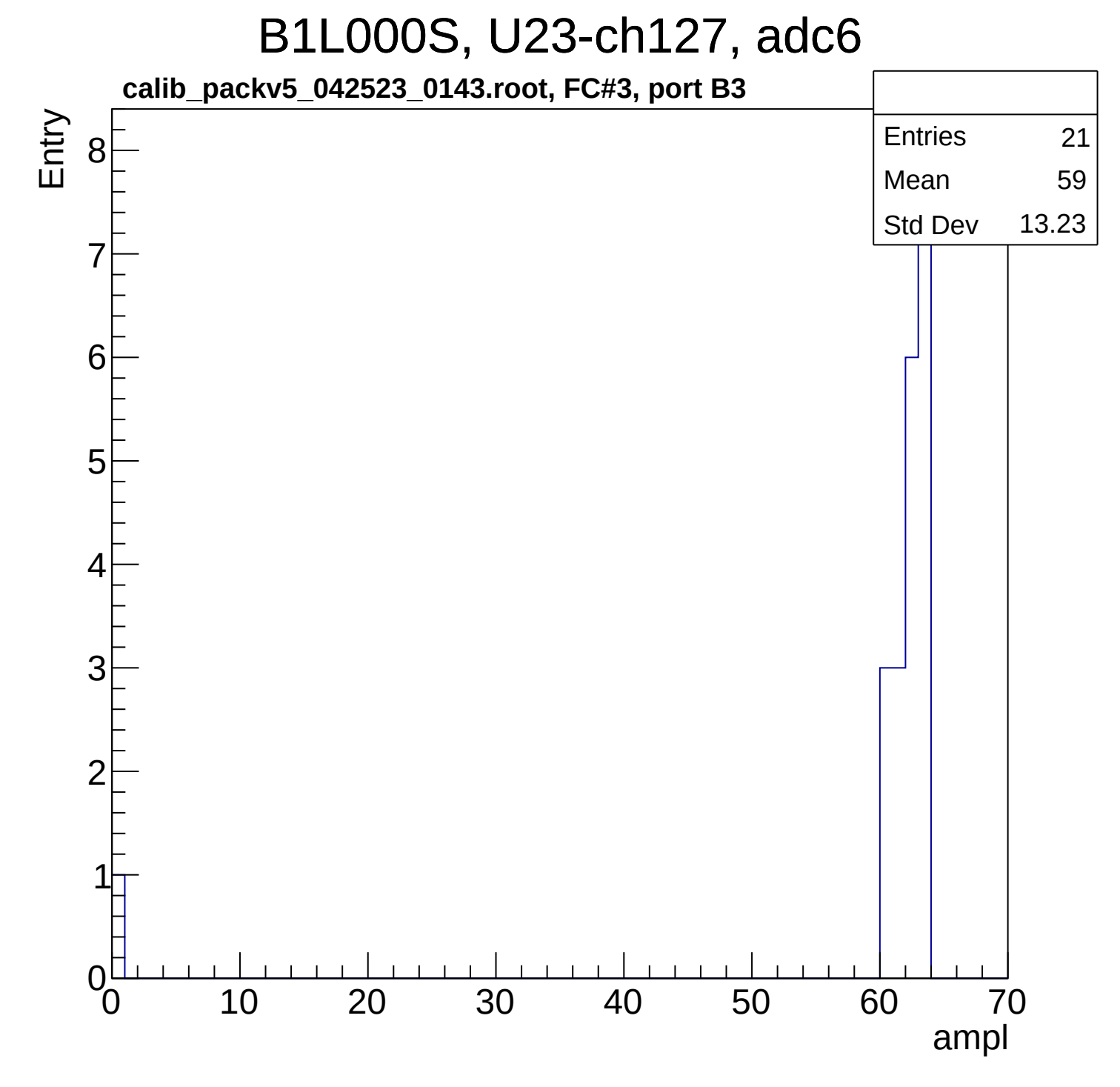
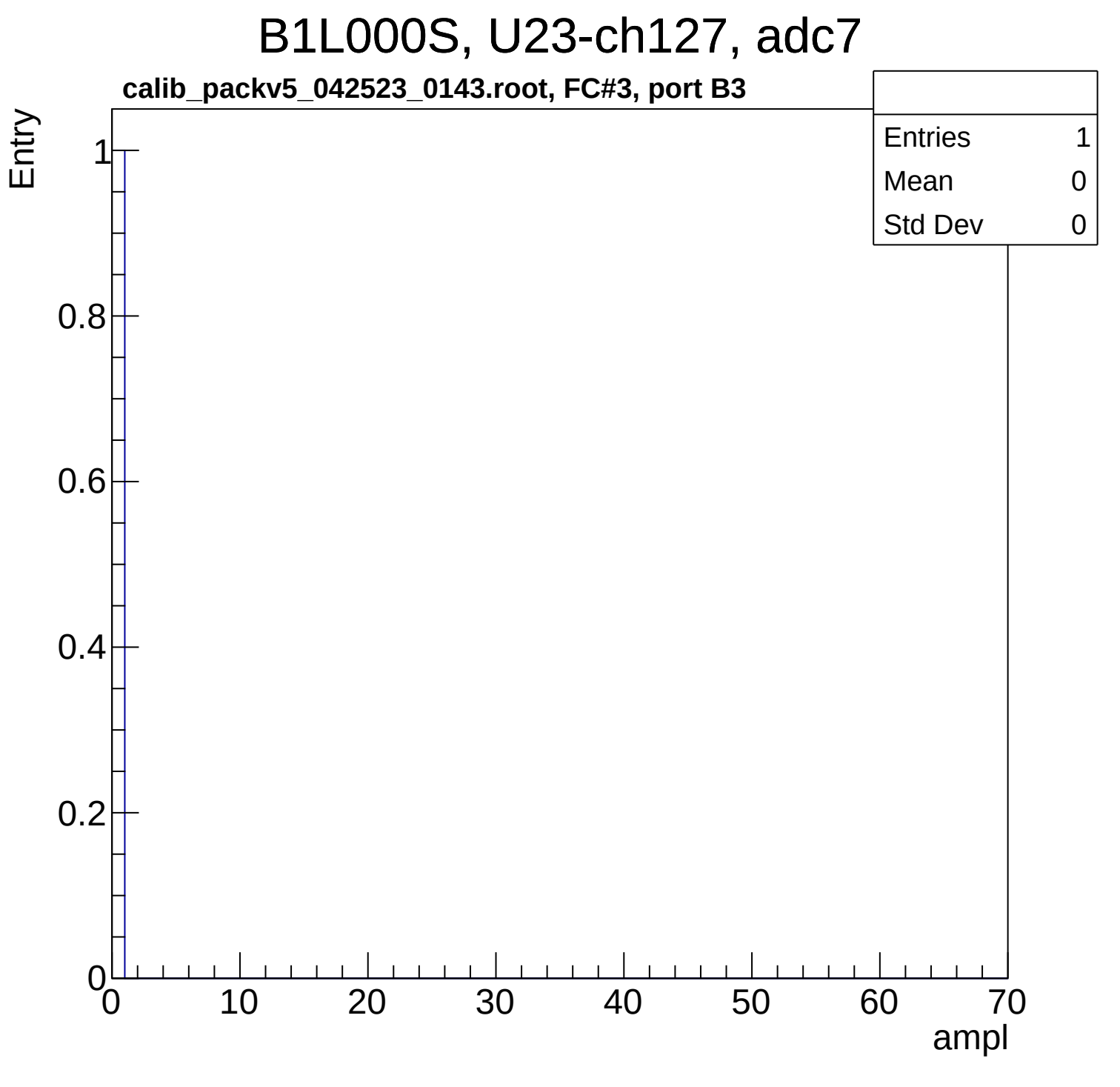
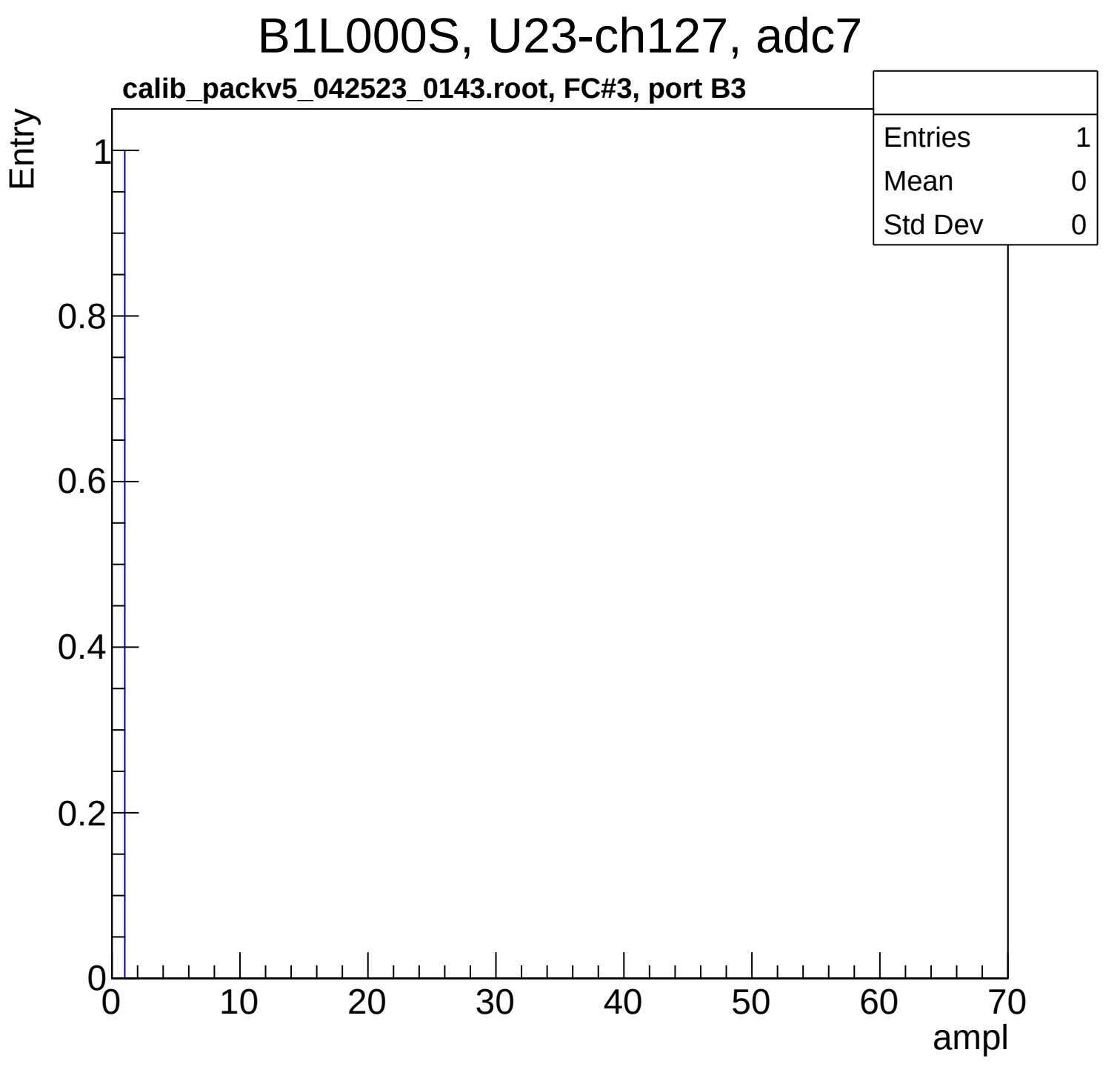

B1L000S, U23-ch127, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.22
Std Dev 2.728
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch127, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 59
Std Dev 13.23
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U23-ch127, 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, U23-ch127, 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