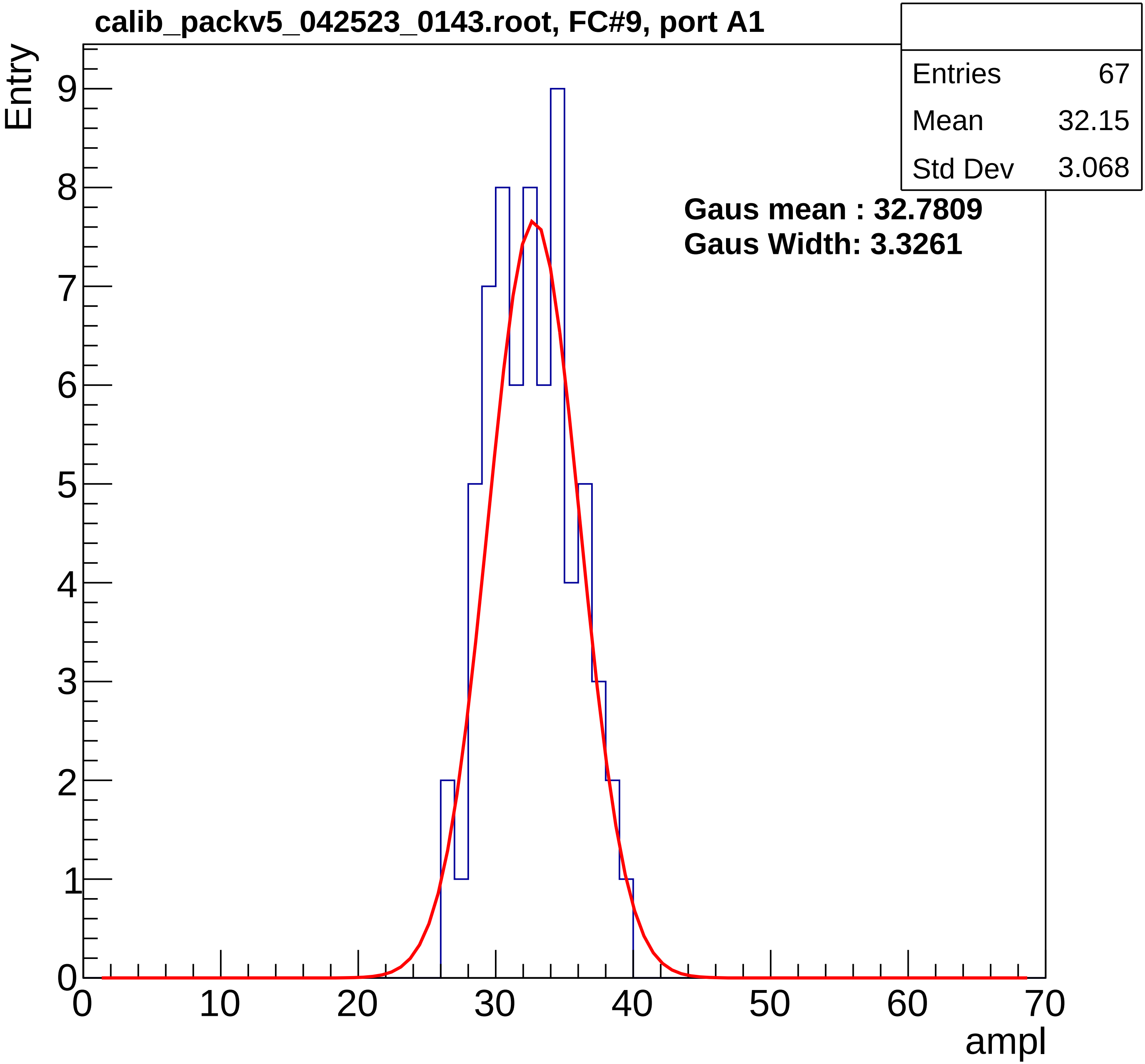
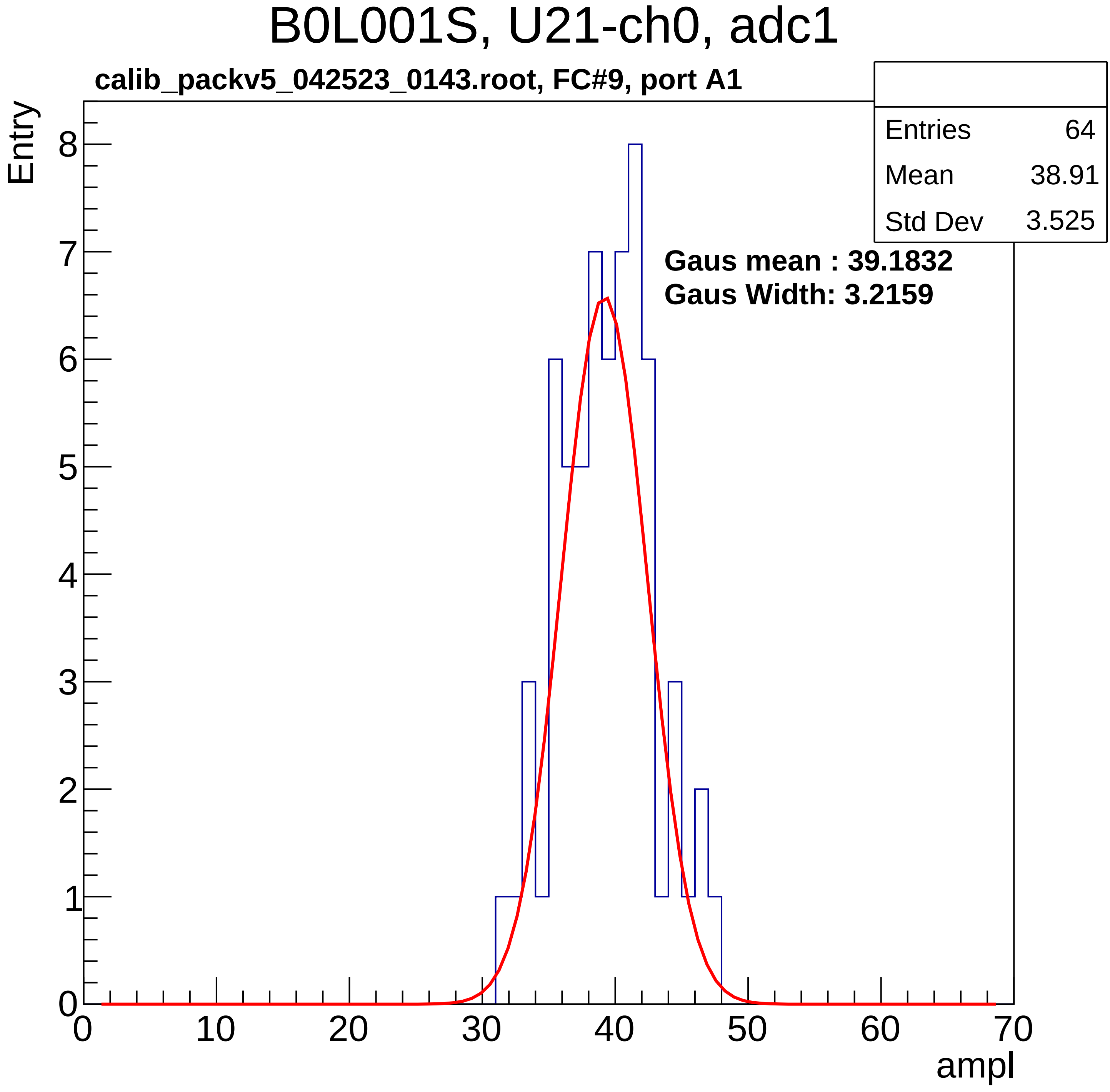
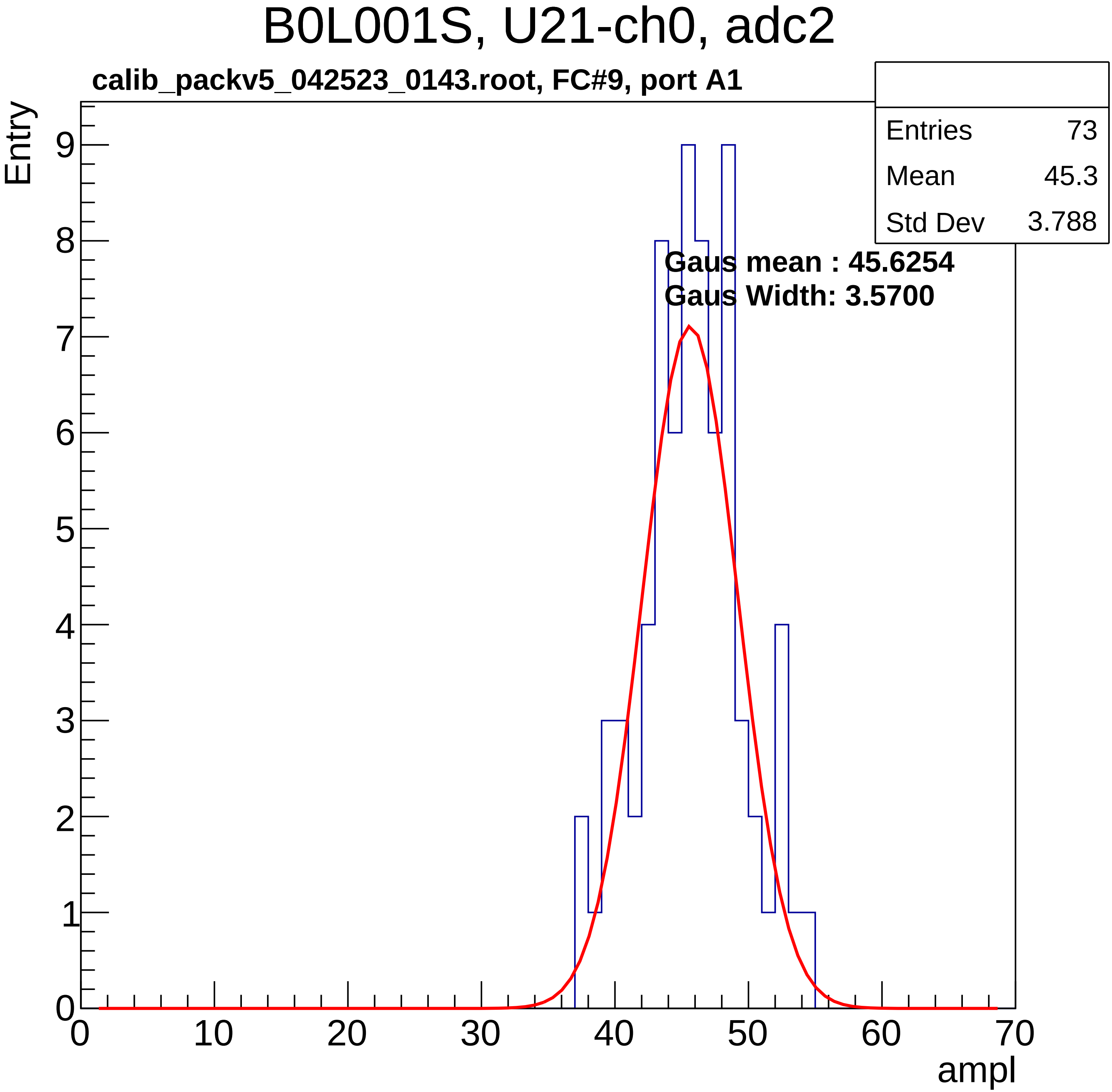
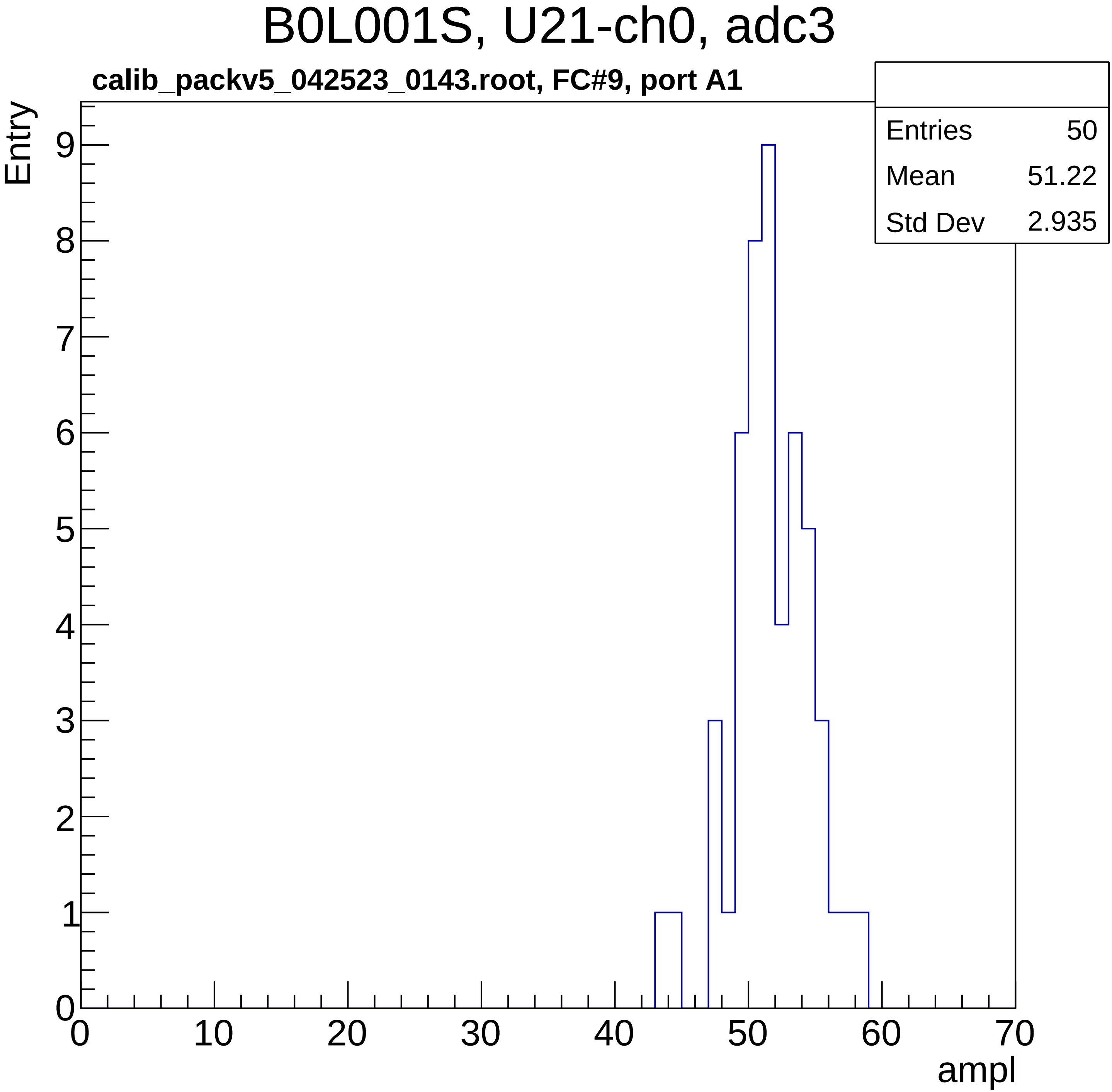
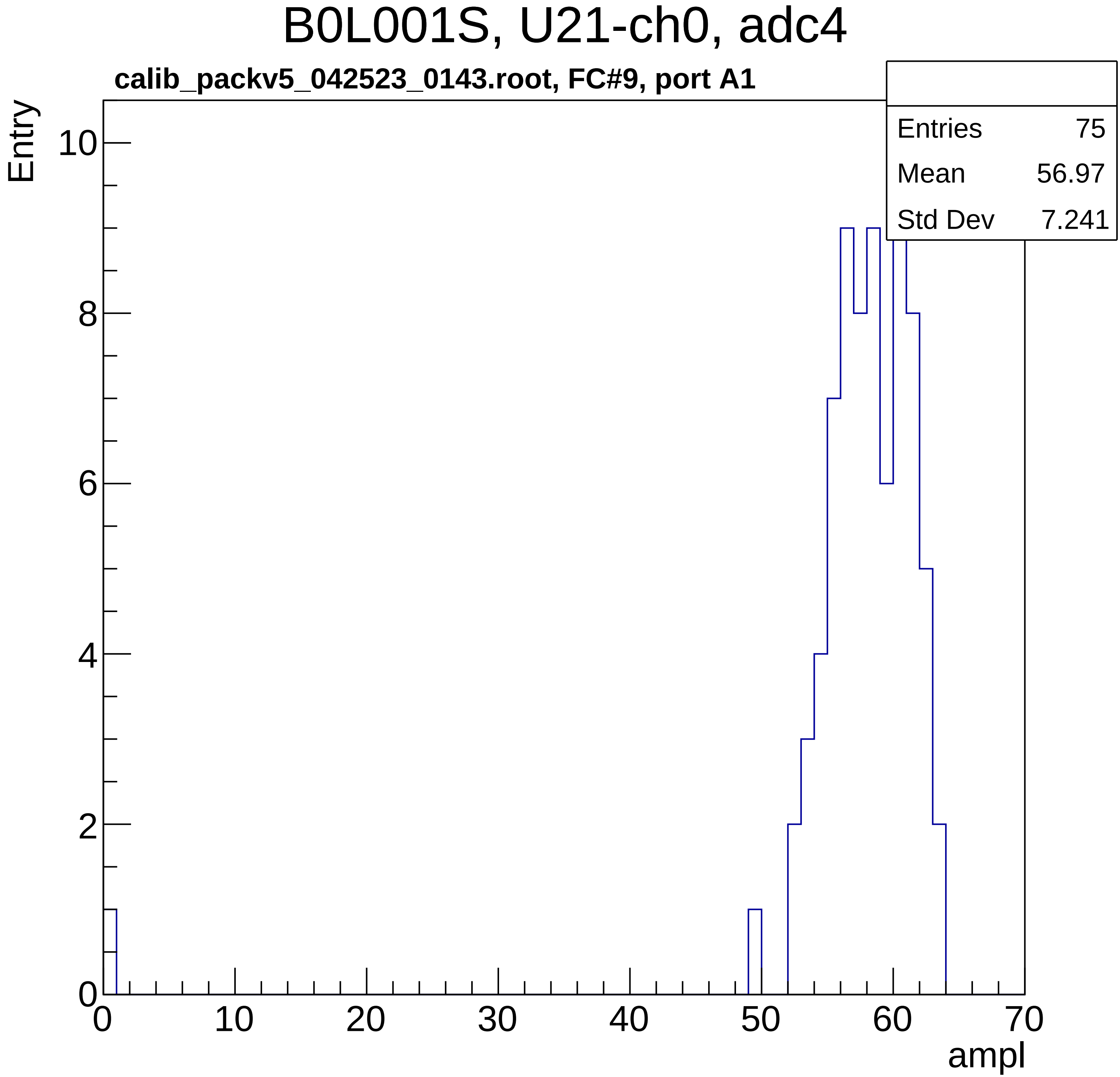
B0L001S, U21-ch0, adc0



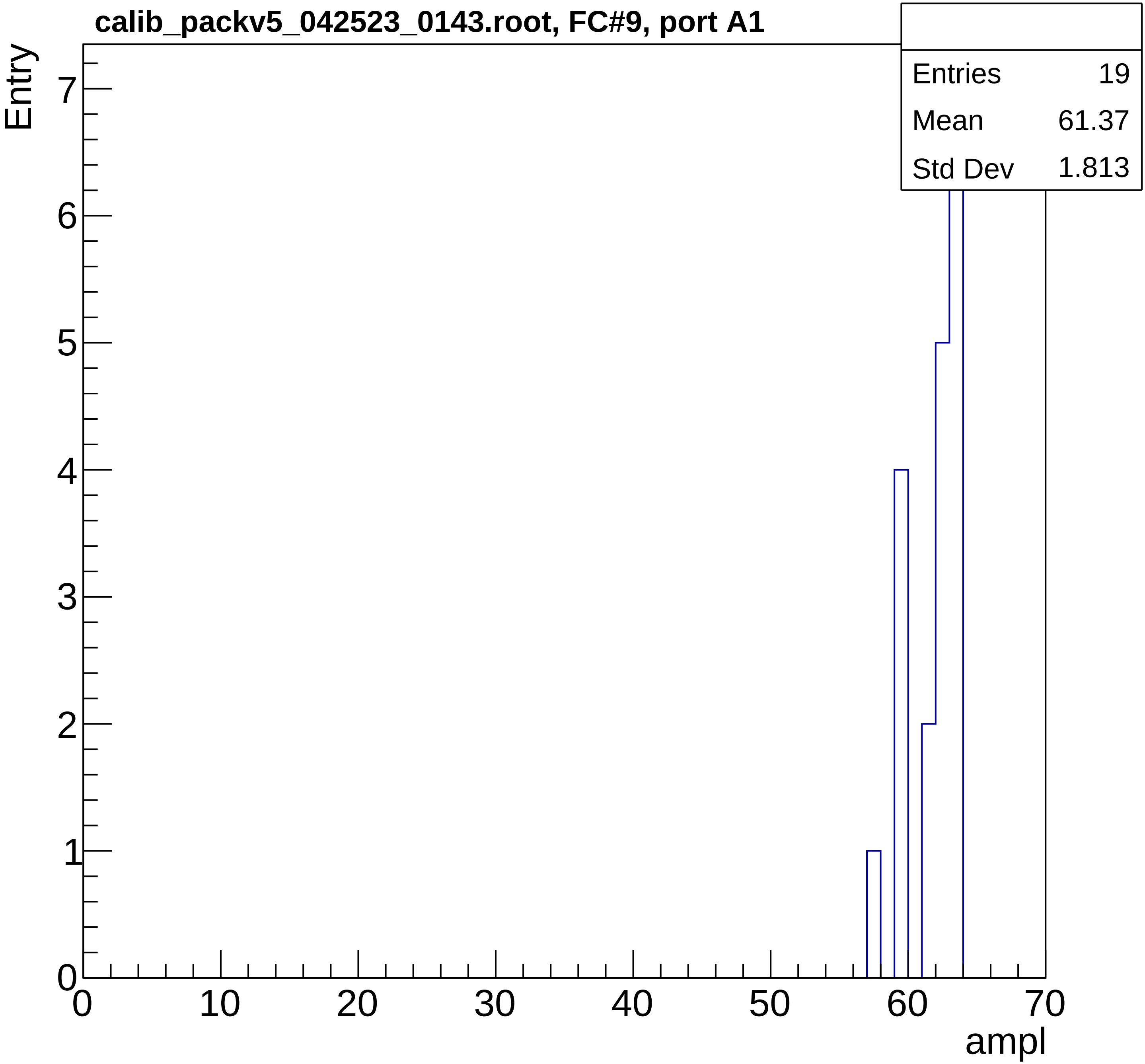

B0L001S, U21-ch0, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 38.91
Std Dev 3.525
Gaus mean : 39.1832
Gaus Width: 3.2159
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch0, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 45.3
Std Dev 3.788
Gaus mean : 45.6254
Gaus Width: 3.5700
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch0, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 51.22
Std Dev 2.935
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

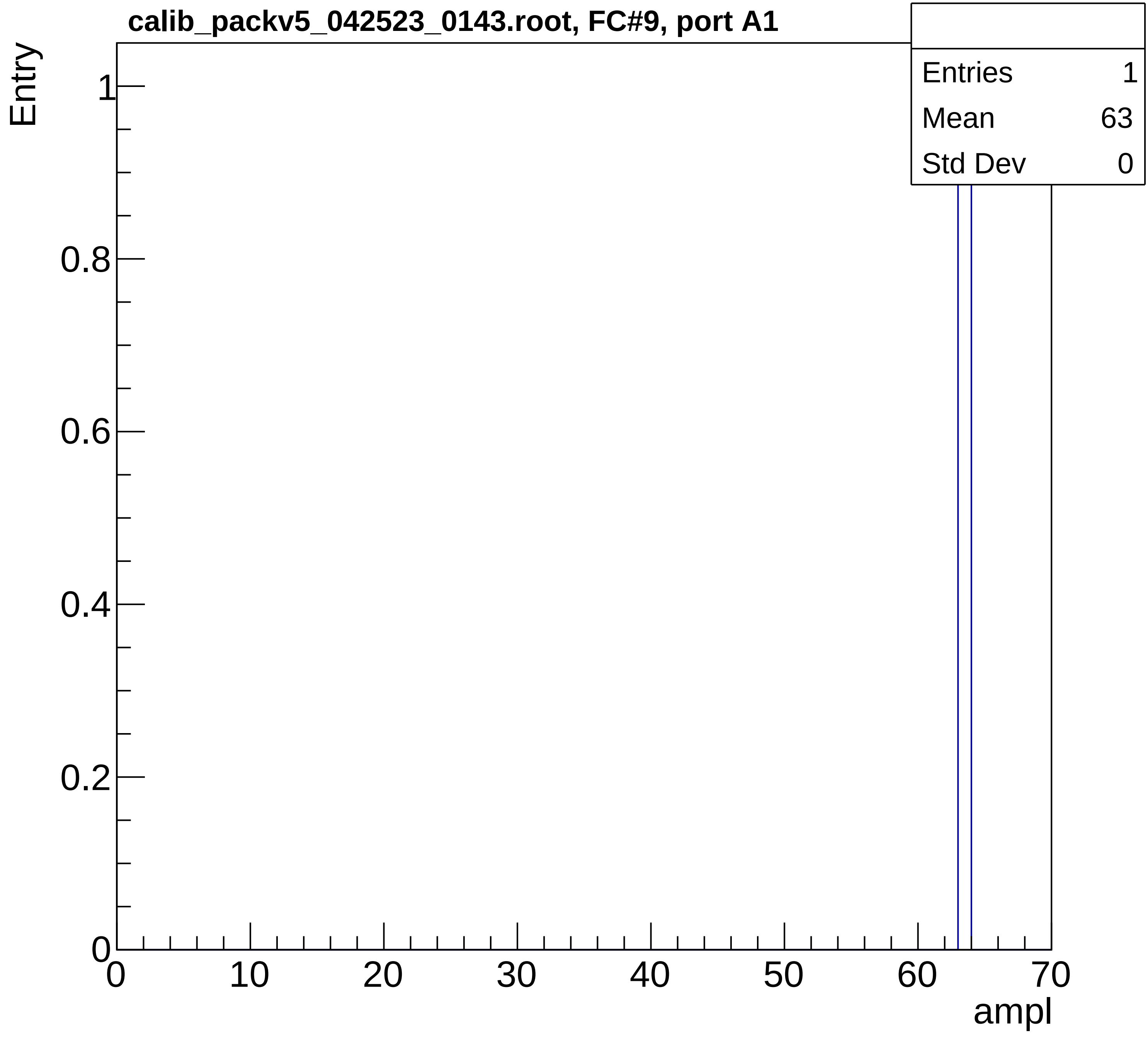

B0L001S, U21-ch0, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 56.97
Std Dev 7.241
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

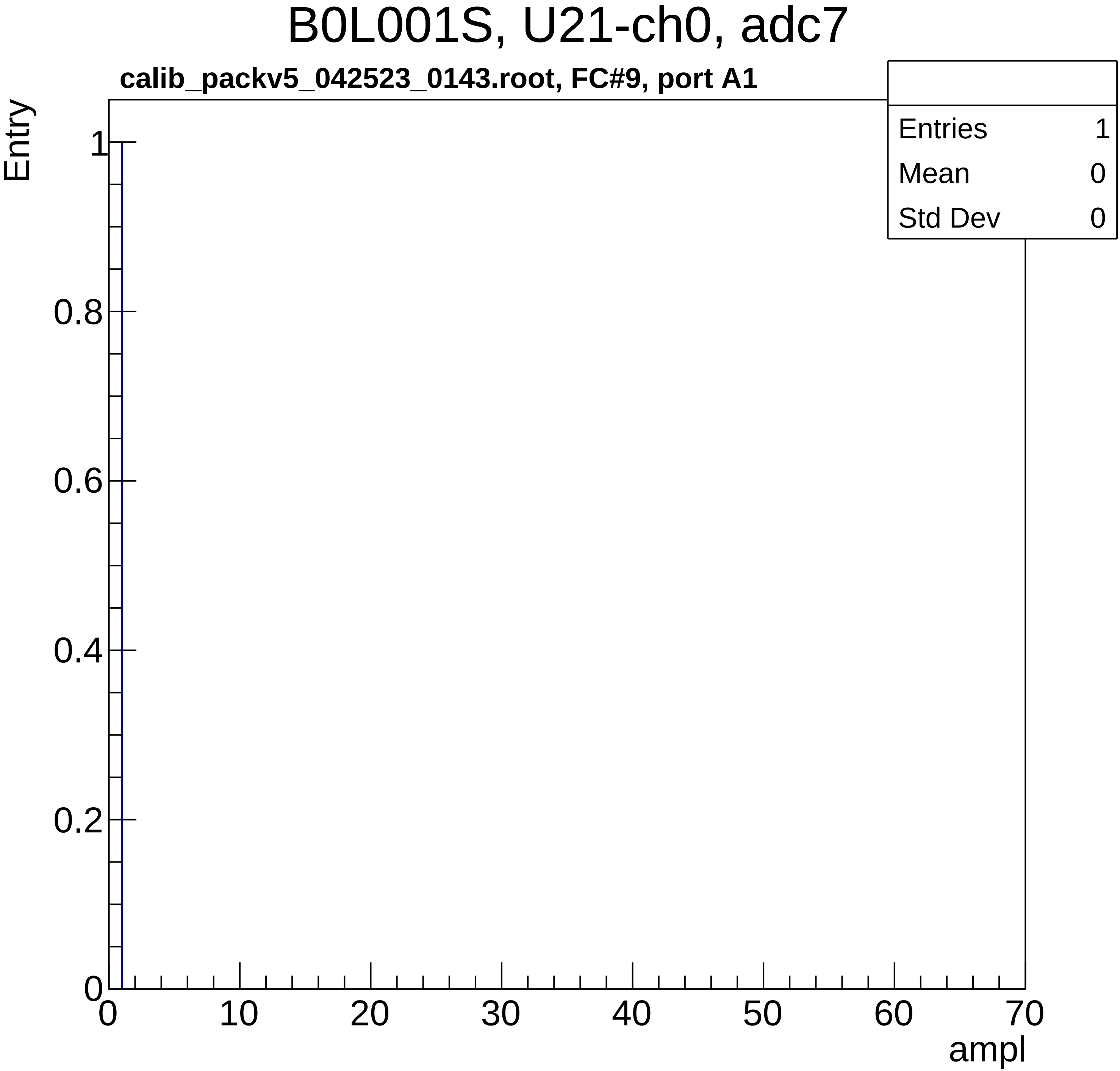
B0L001S, U21-ch0, adc5

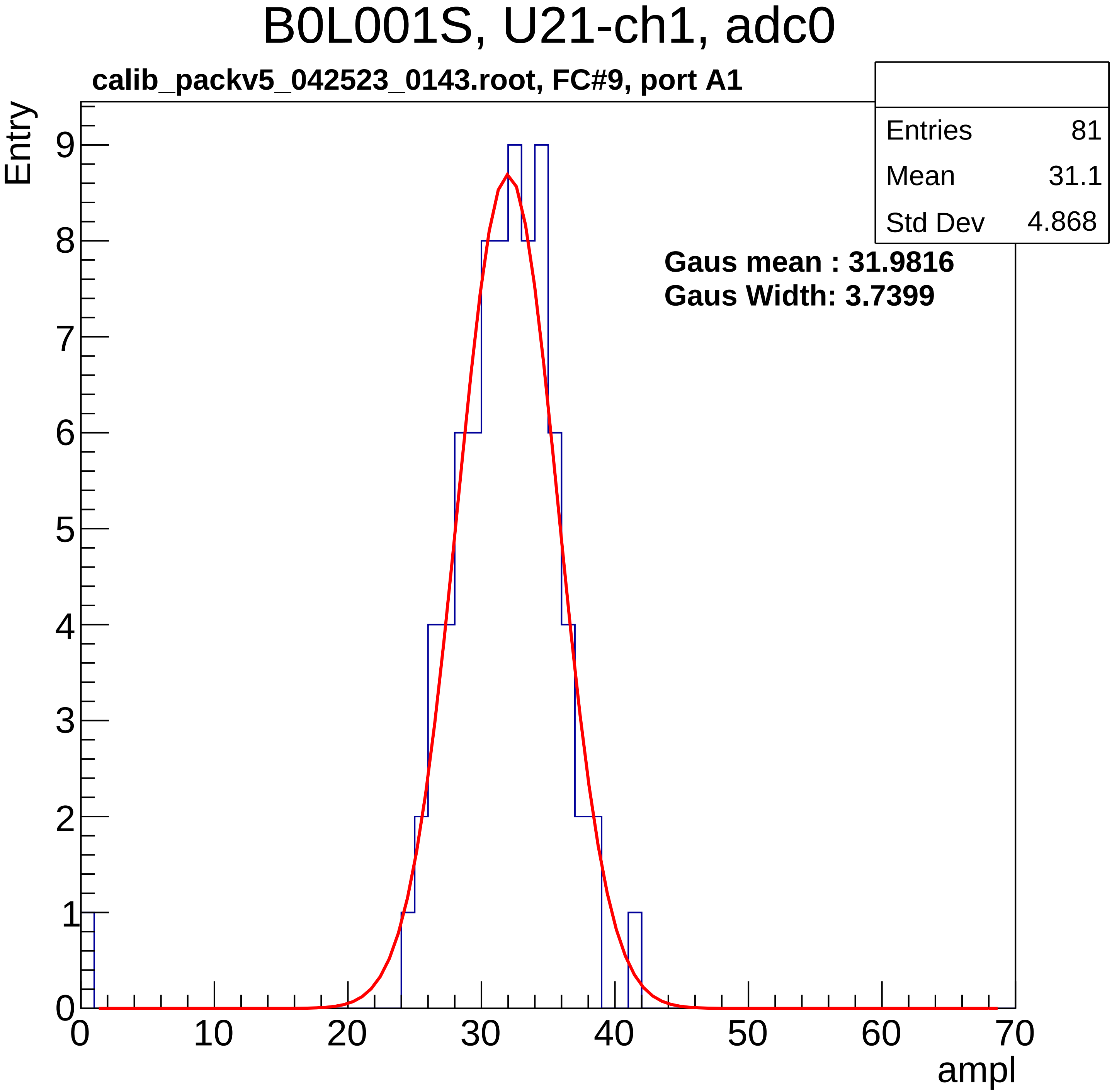


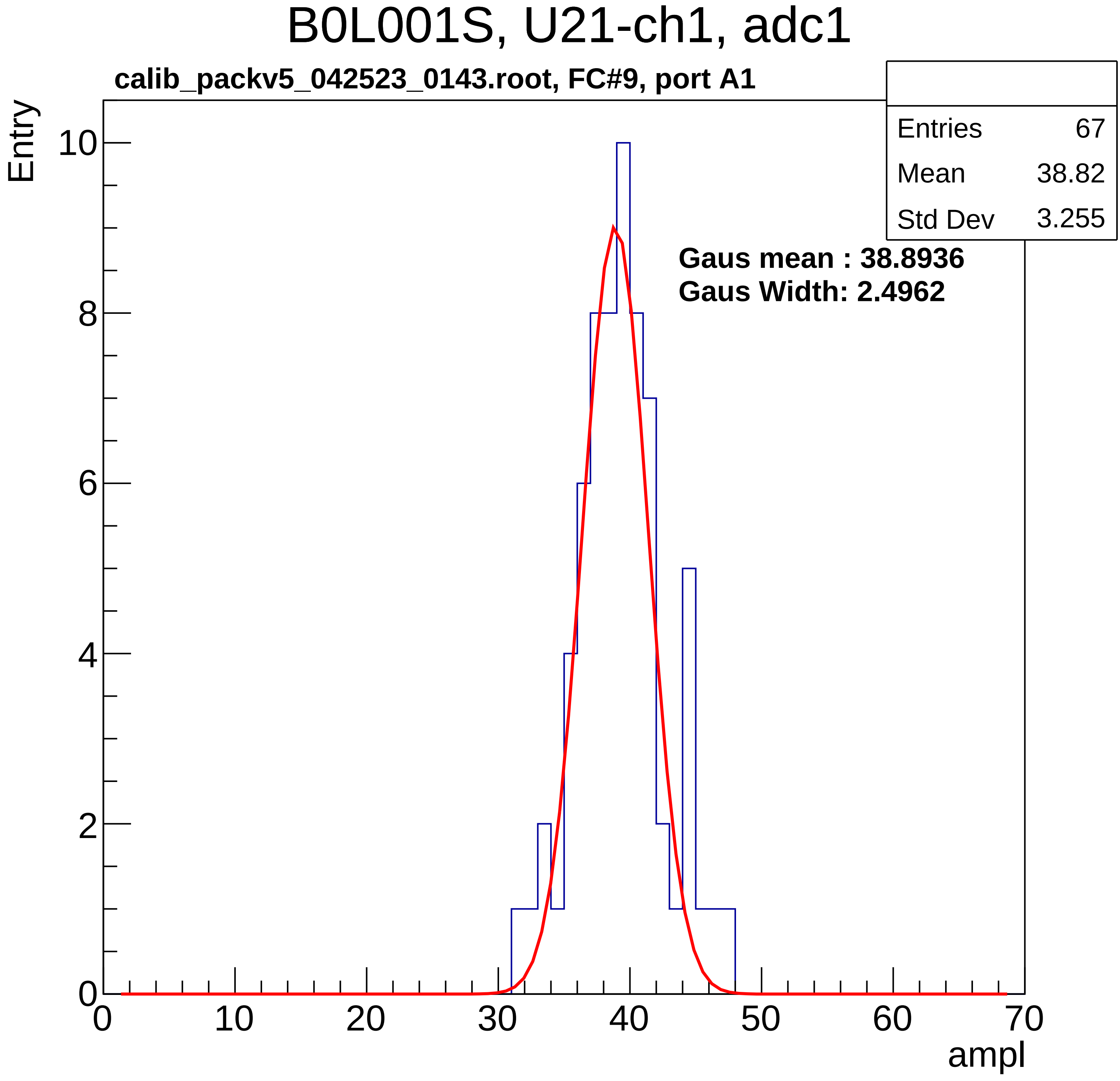
B0L001S, U21-ch0, adc6

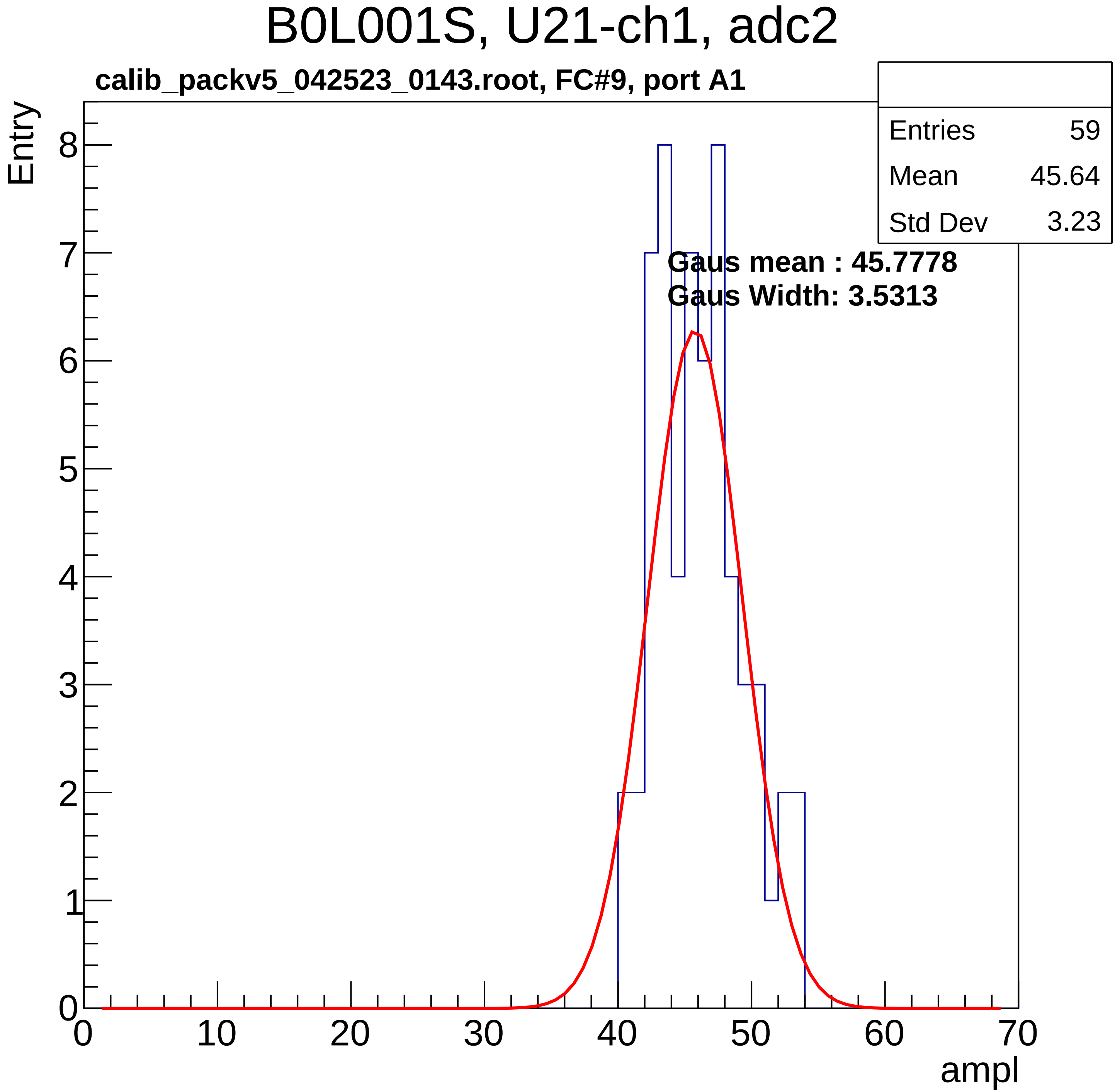
calib_packv5_042523_0143.root, FC#9, port A1

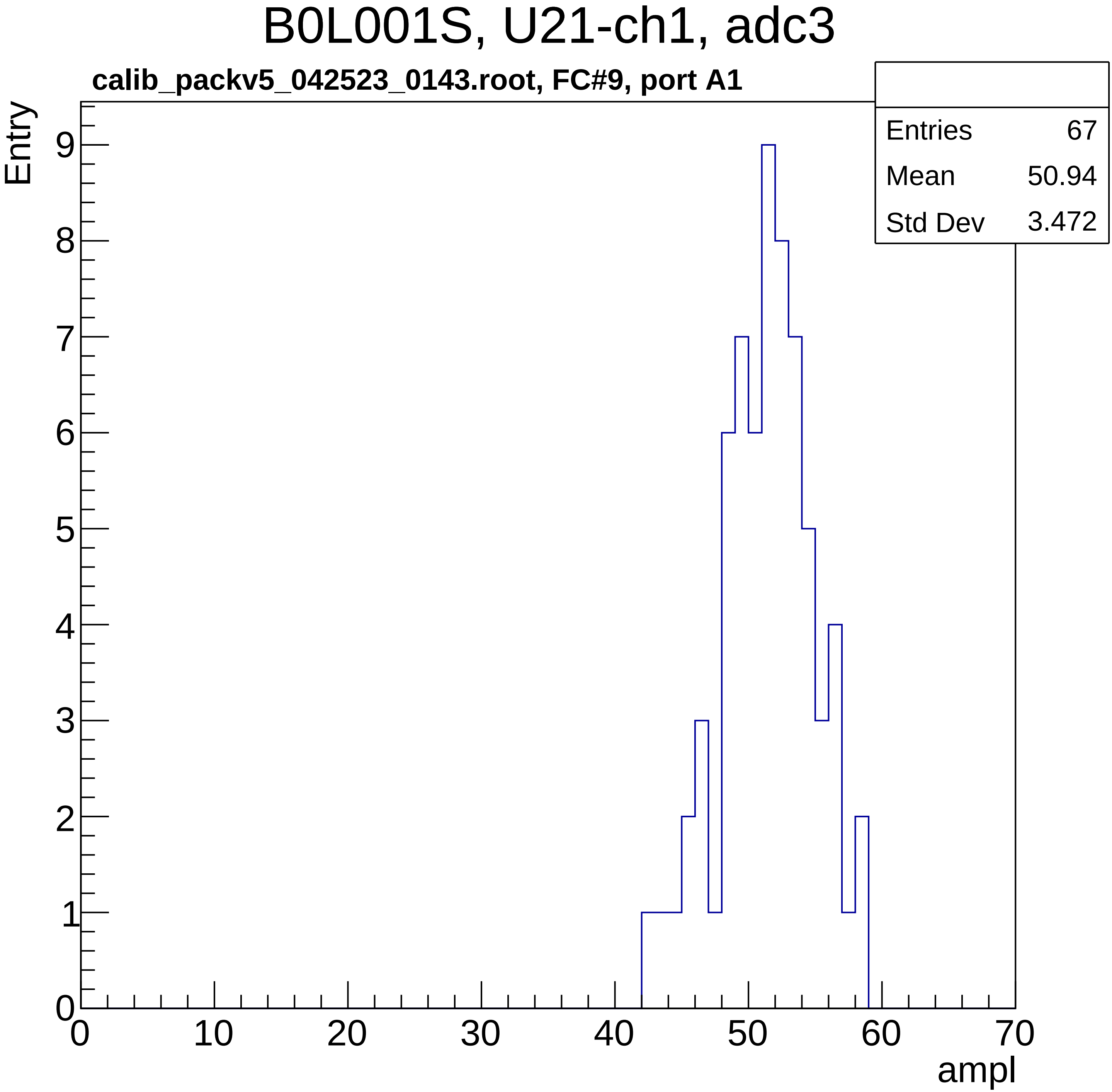


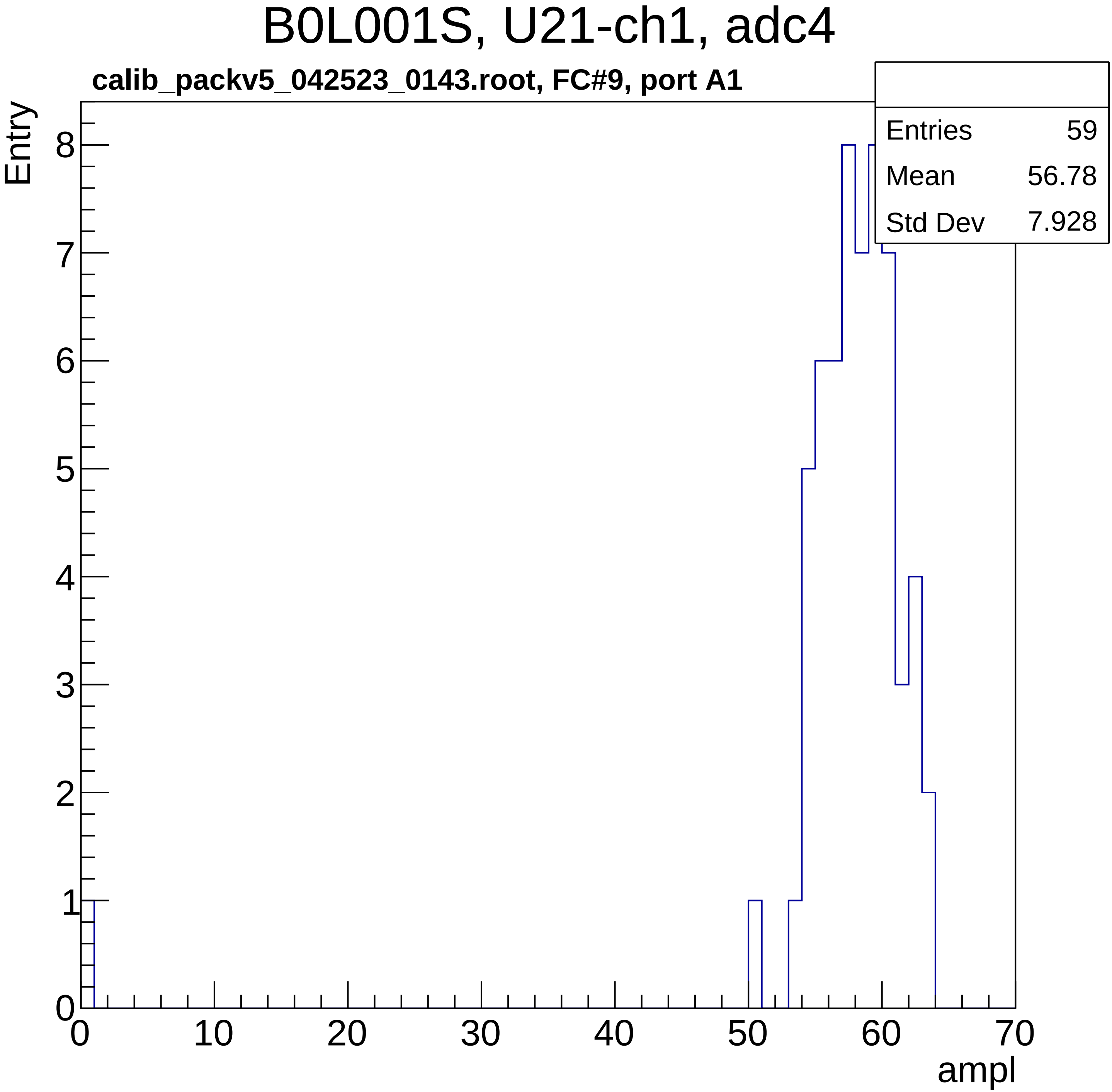

B0L001S, U21-ch0, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch1, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 31.1
Std Dev 4.868
Gaus mean : 31.9816
Gaus Width: 3.7399
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch1, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 38.82
Std Dev 3.255
Gaus mean : 38.8936
Gaus Width: 2.4962
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

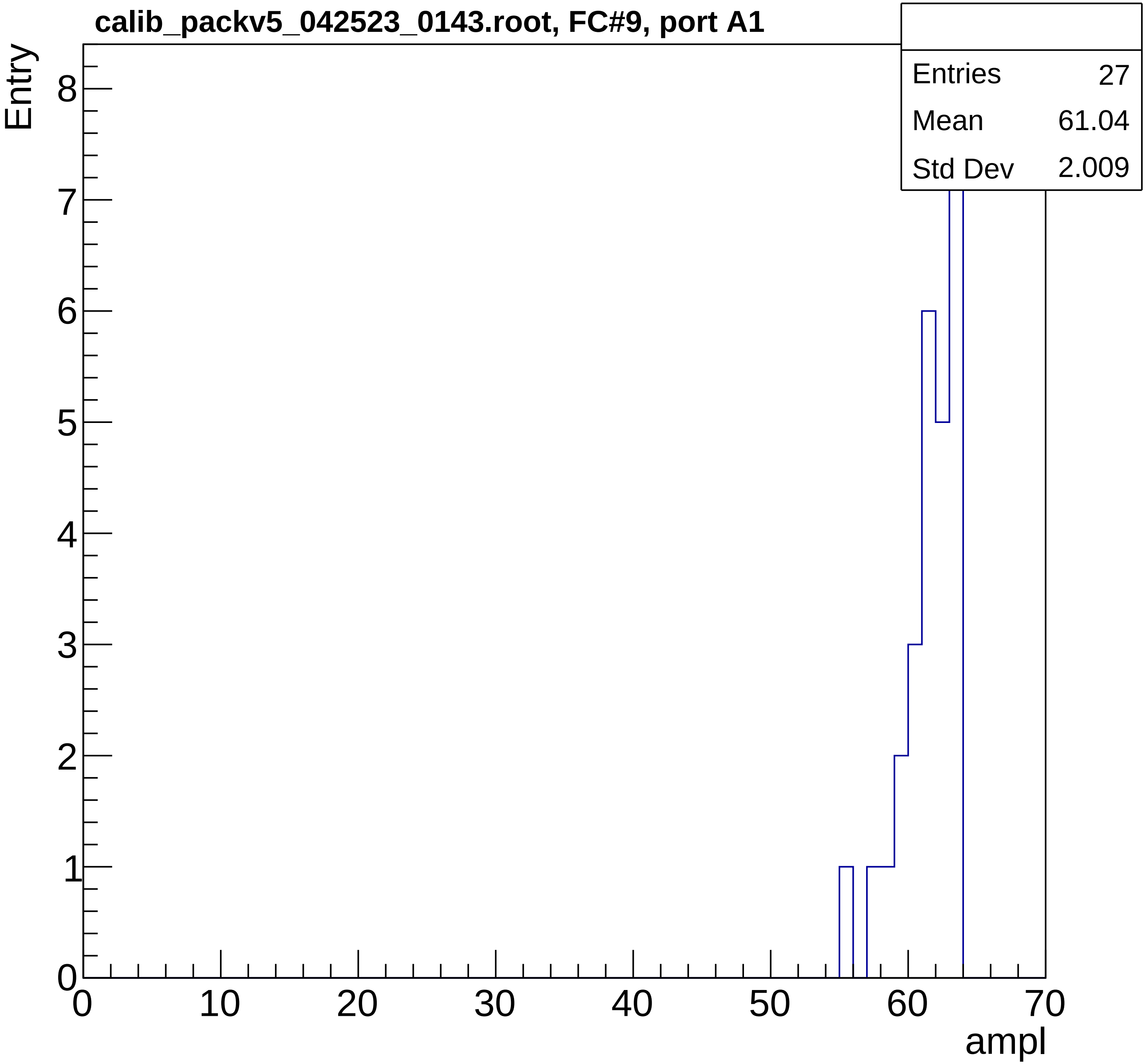

B0L001S, U21-ch1, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 45.64
Std Dev 3.23
Gaus mean : 45.7778
Gaus Width: 3.5313
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch1, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 50.94
Std Dev 3.472
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch1, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 56.78
Std Dev 7.928
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

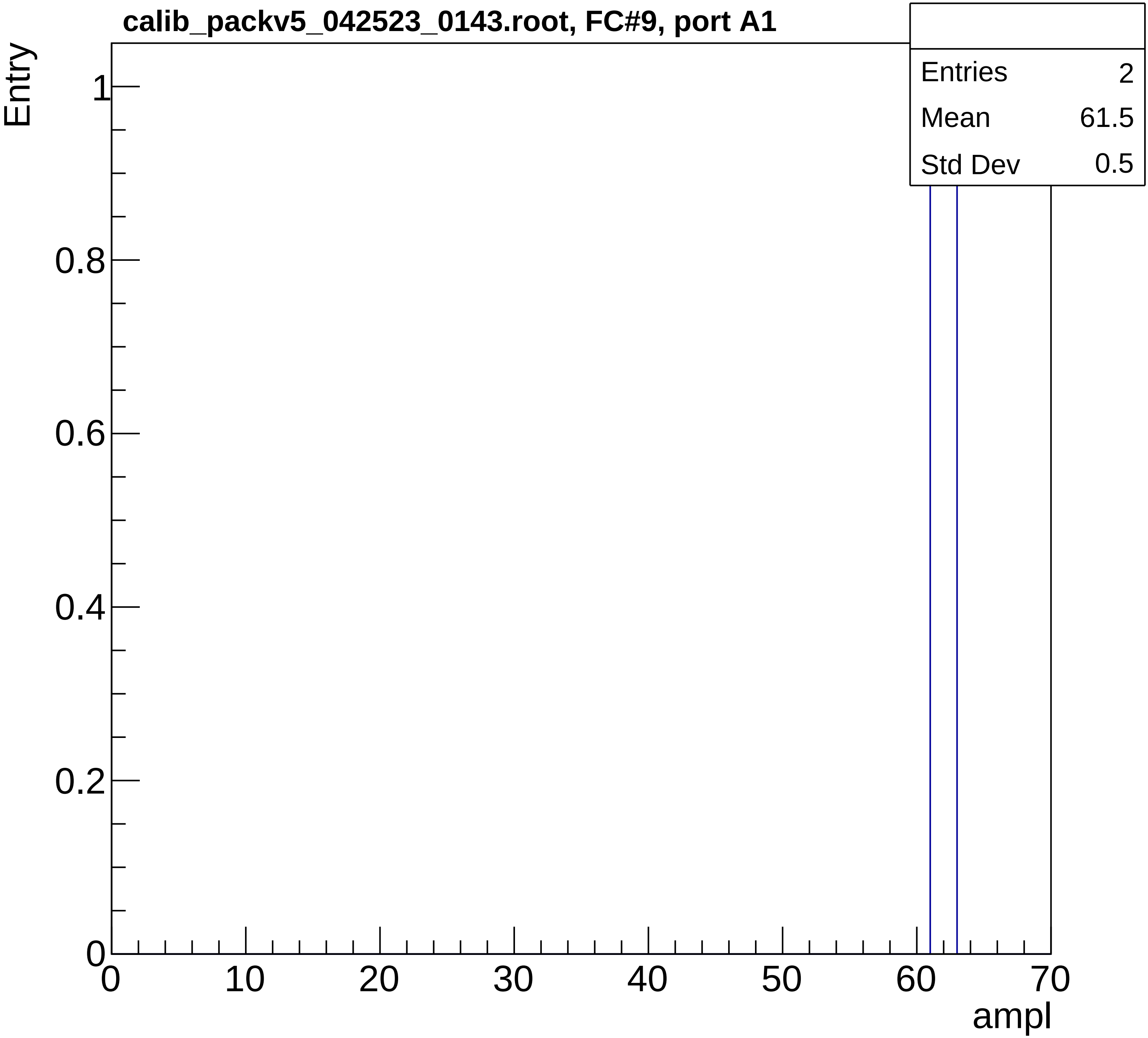
B0L001S, U21-ch1, adc5

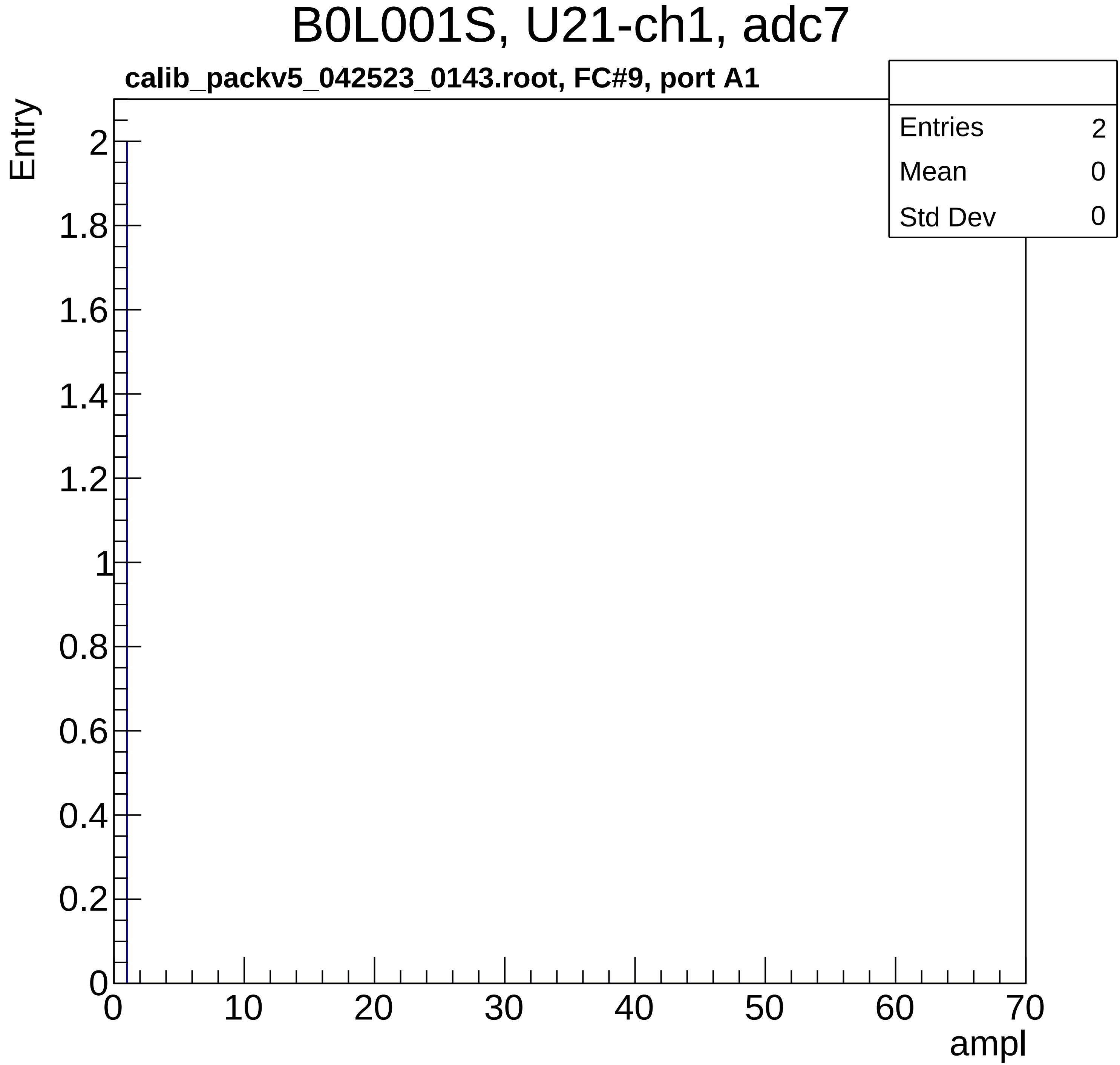
calib_packv5_042523_0143.root, FC#9, port A1

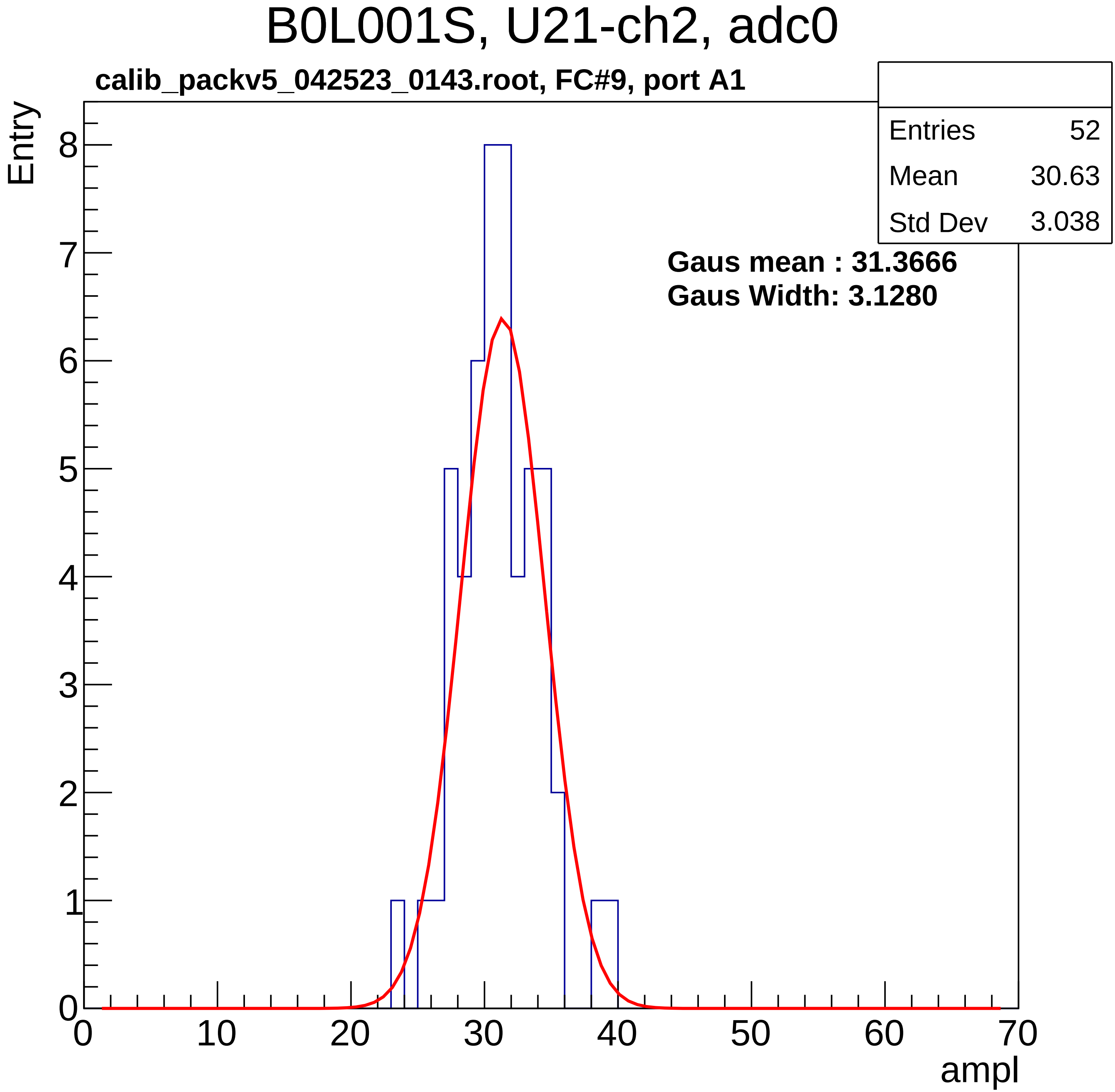


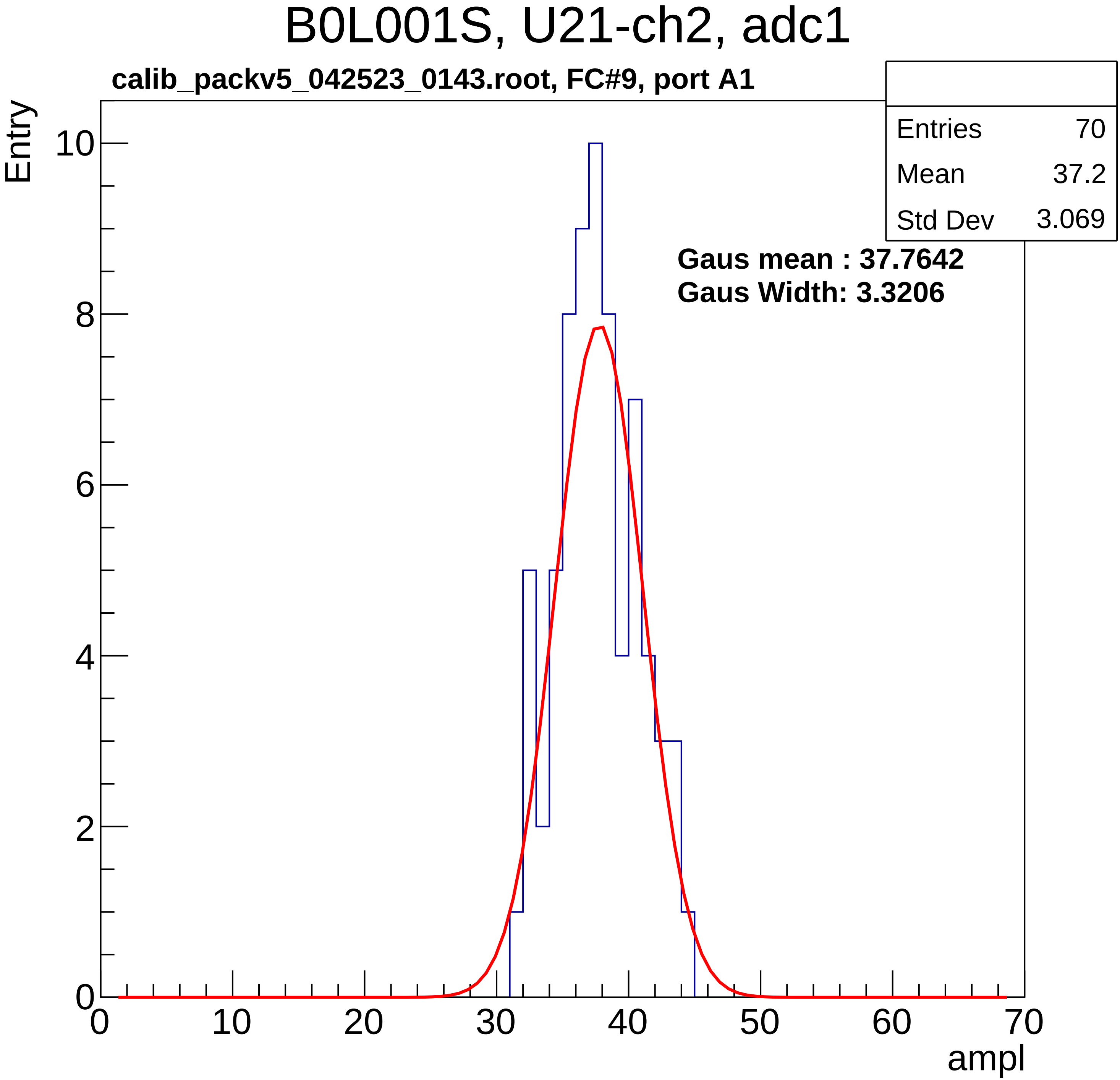
B0L001S, U21-ch1, adc6

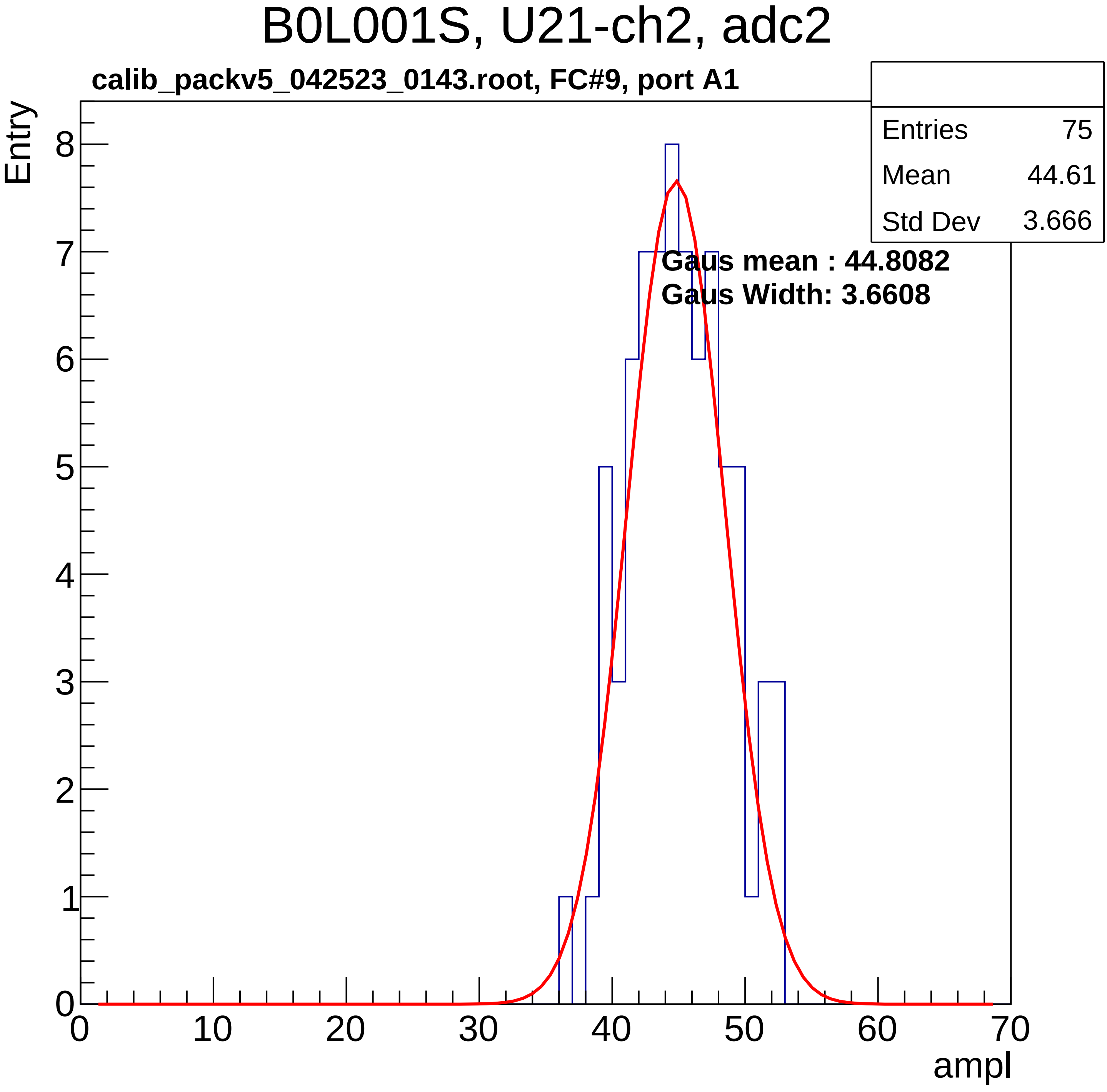
calib_packv5_042523_0143.root, FC#9, port A1




B0L001S, U21-ch1, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 2
Mean 0
Std Dev 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

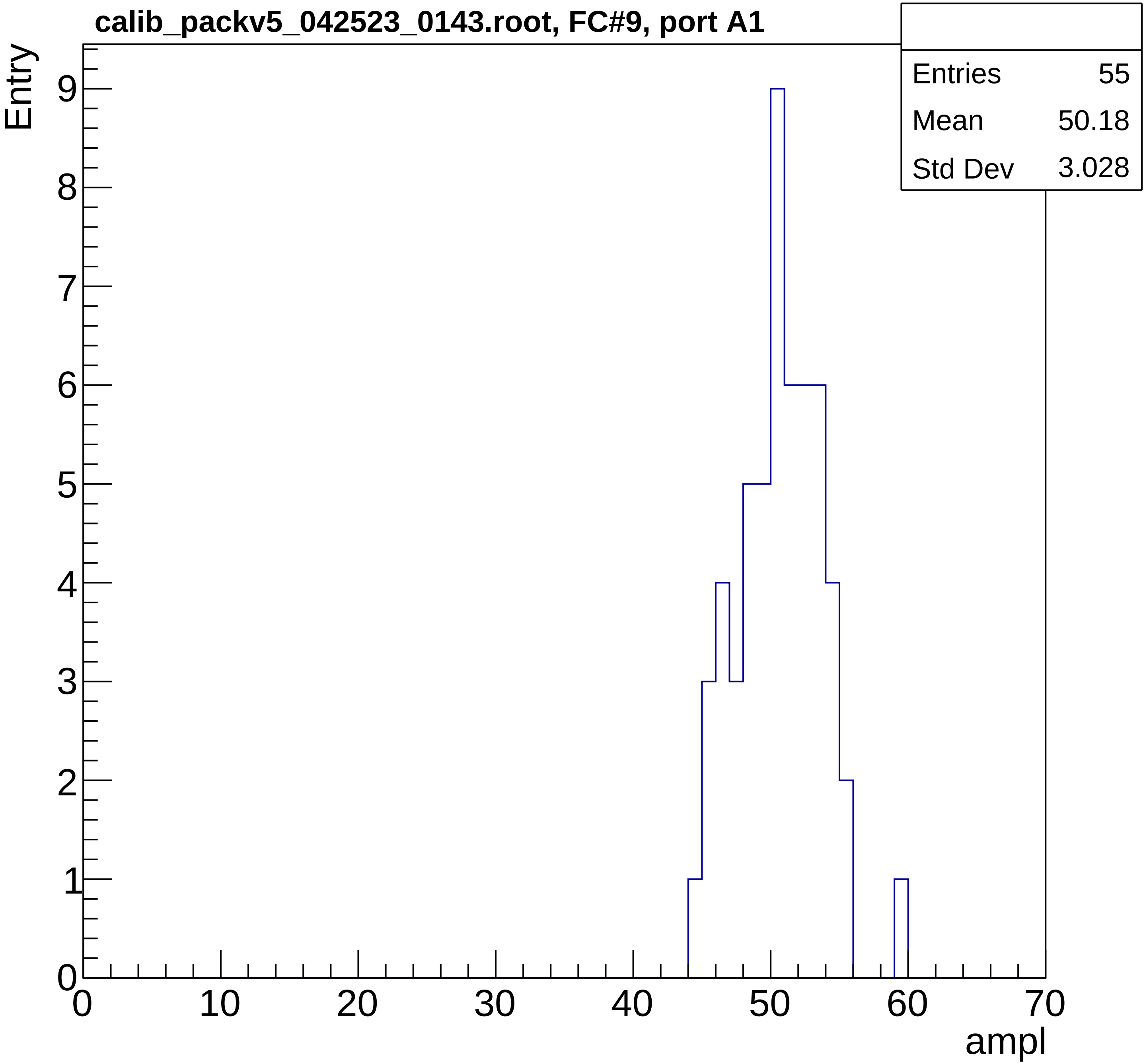

B0L001S, U21-ch2, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 30.63
Std Dev 3.038
Gaus mean : 31.3666
Gaus Width: 3.1280
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

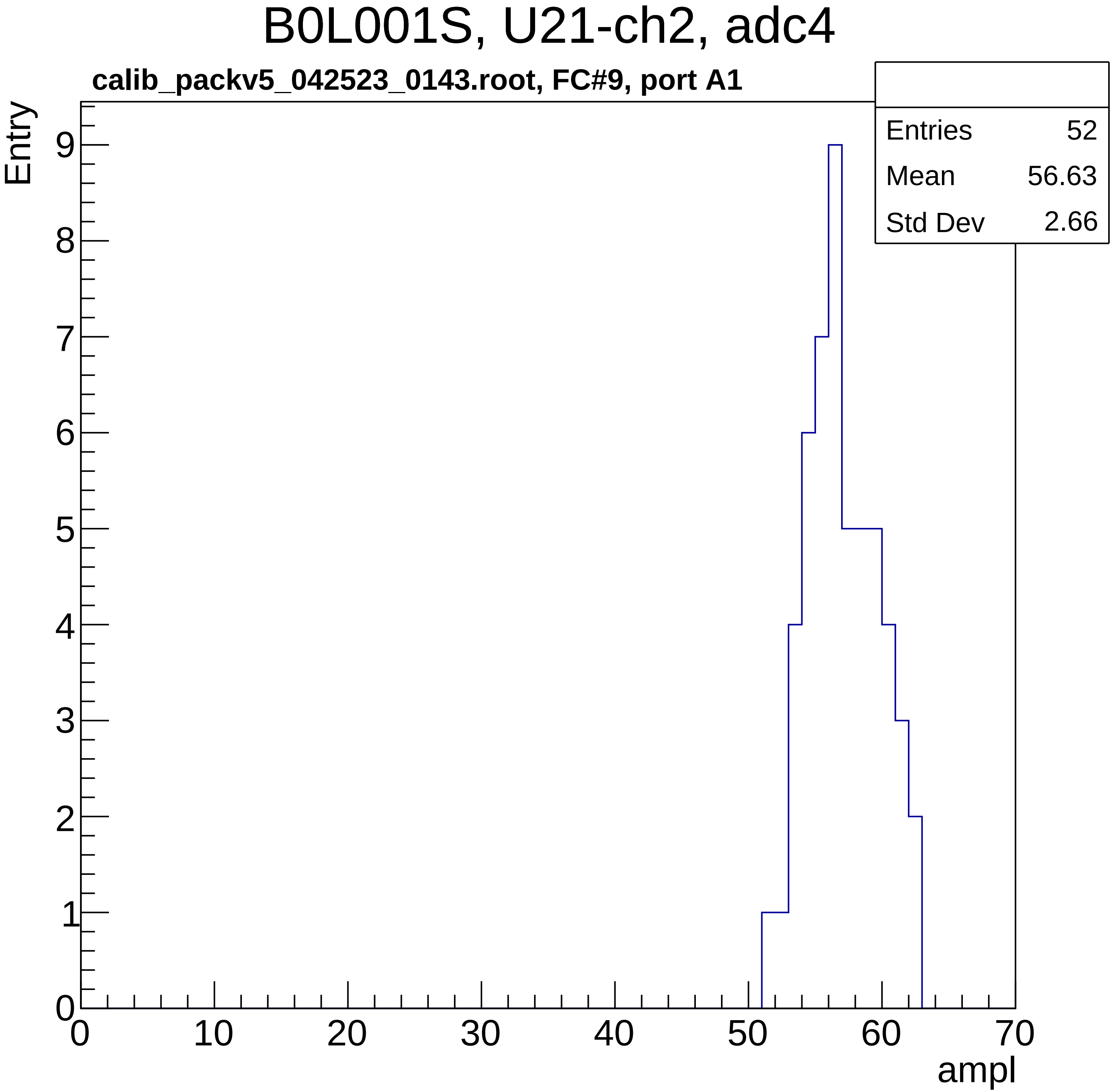

B0L001S, U21-ch2, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 37.2
Std Dev 3.069
Gaus mean : 37.7642
Gaus Width: 3.3206
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch2, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 44.61
Std Dev 3.666
Gaus mean : 44.8082
Gaus Width: 3.6608
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

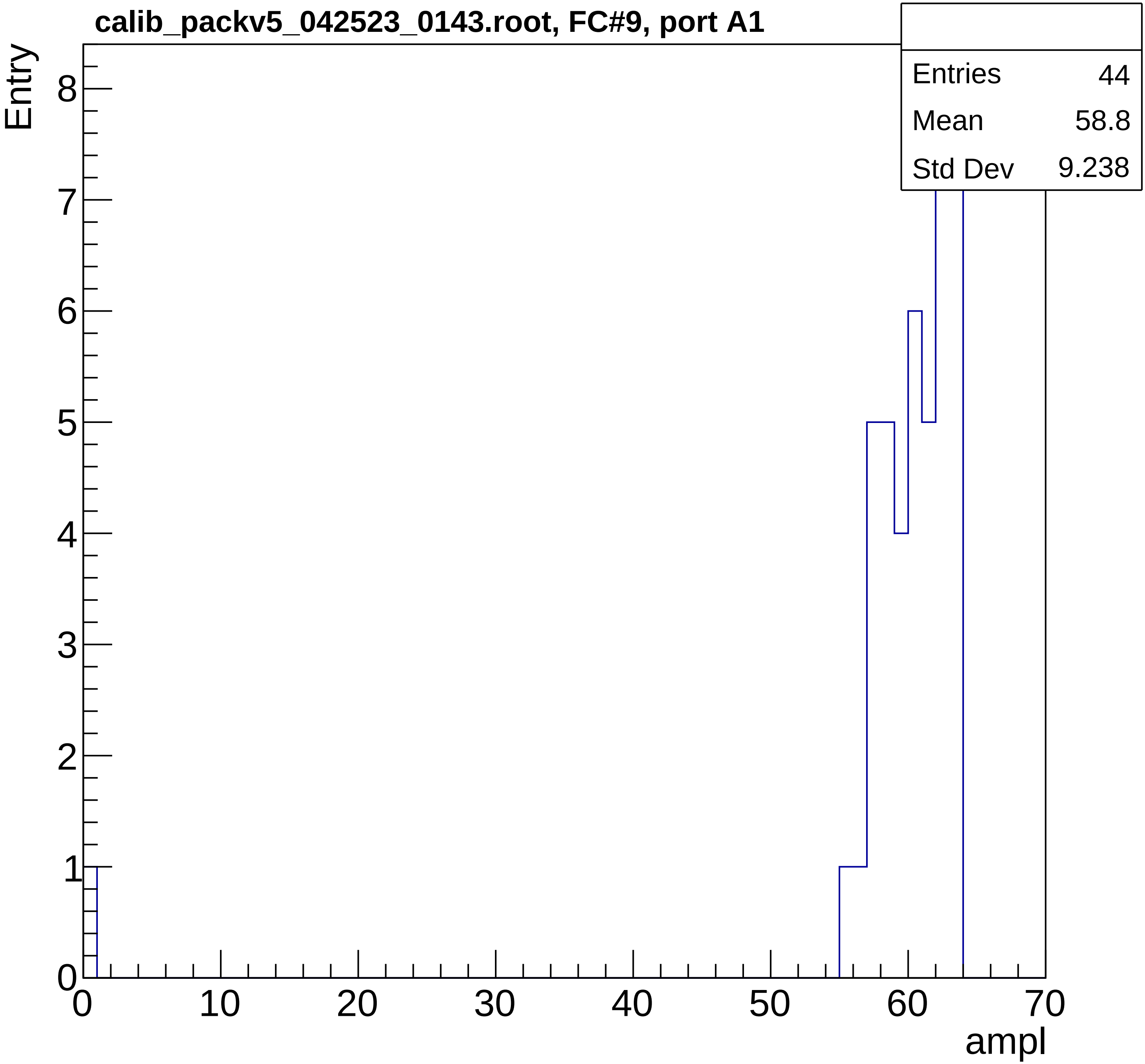
B0L001S, U21-ch2, adc3

calib_packv5_042523_0143.root, FC#9, port A1

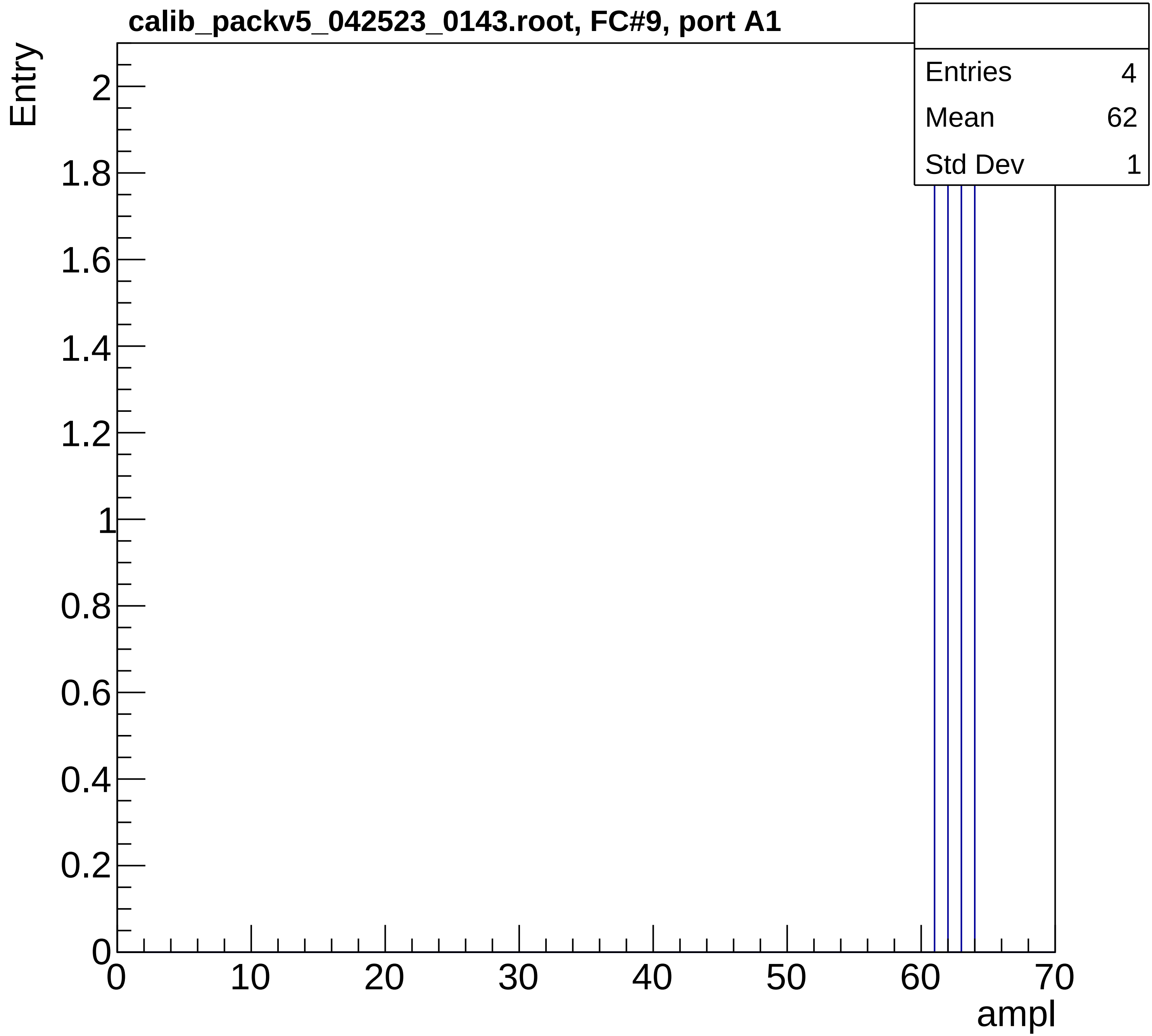


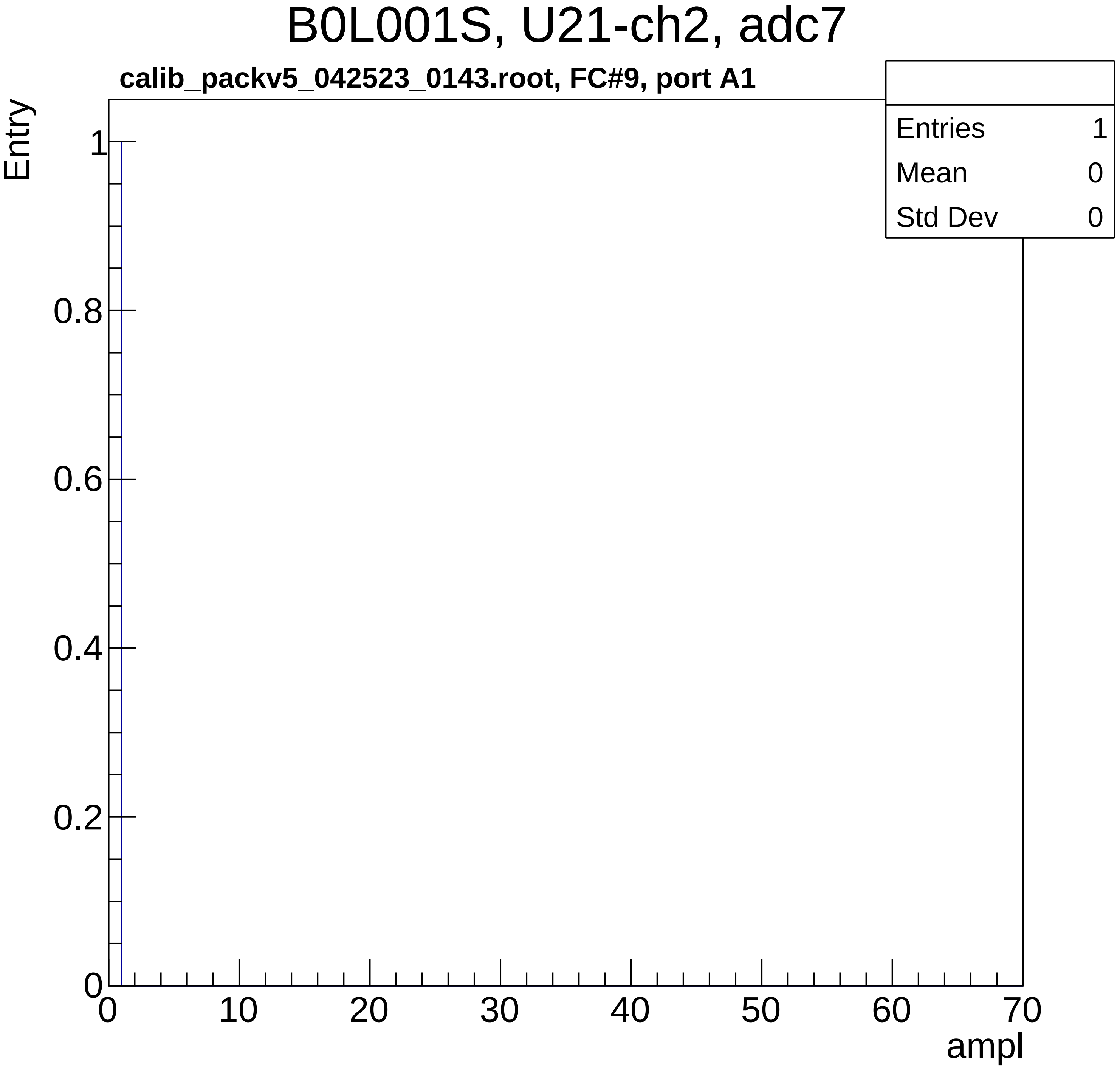

B0L001S, U21-ch2, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 56.63
Std Dev 2.66
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

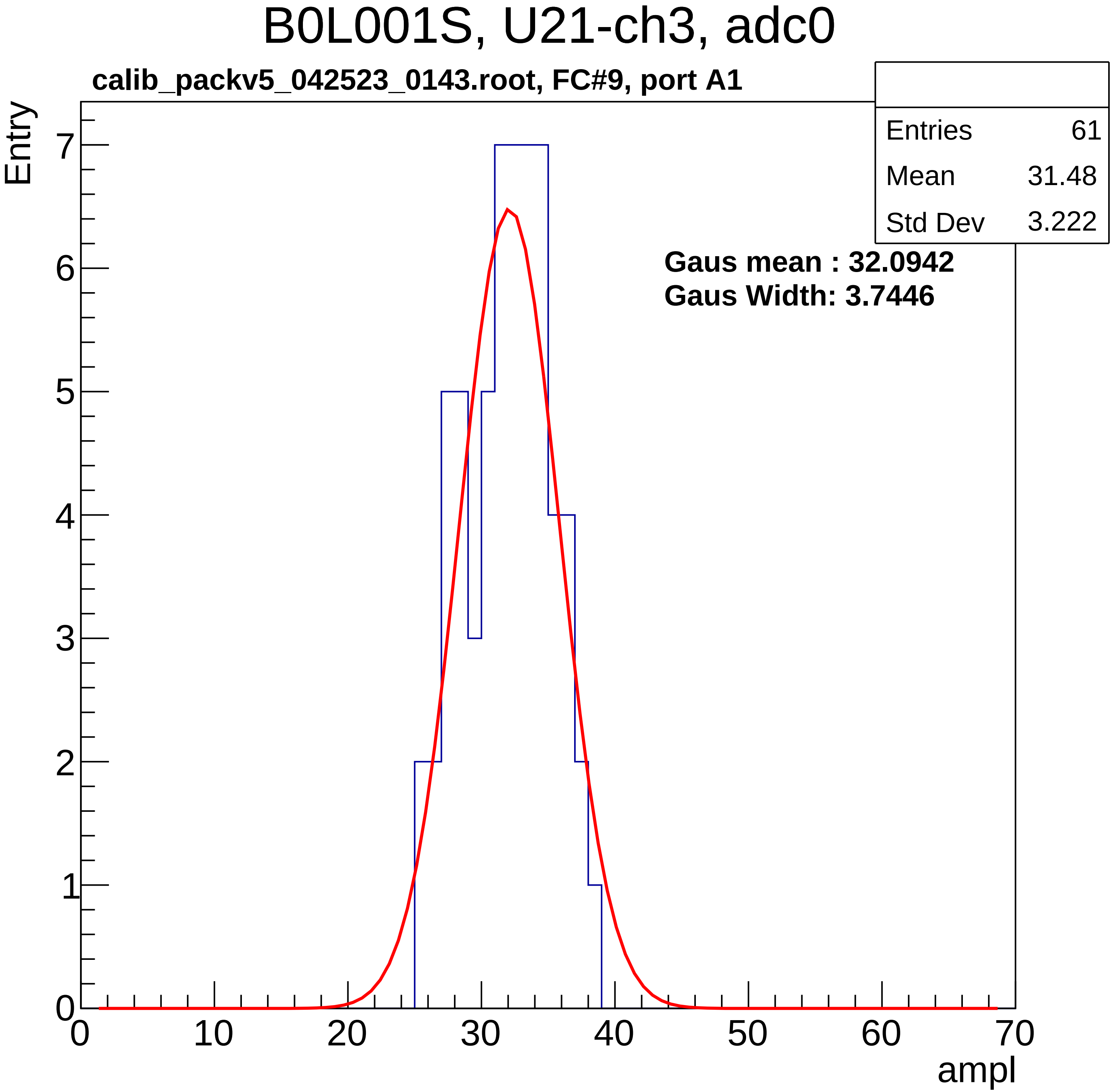
B0L001S, U21-ch2, adc5

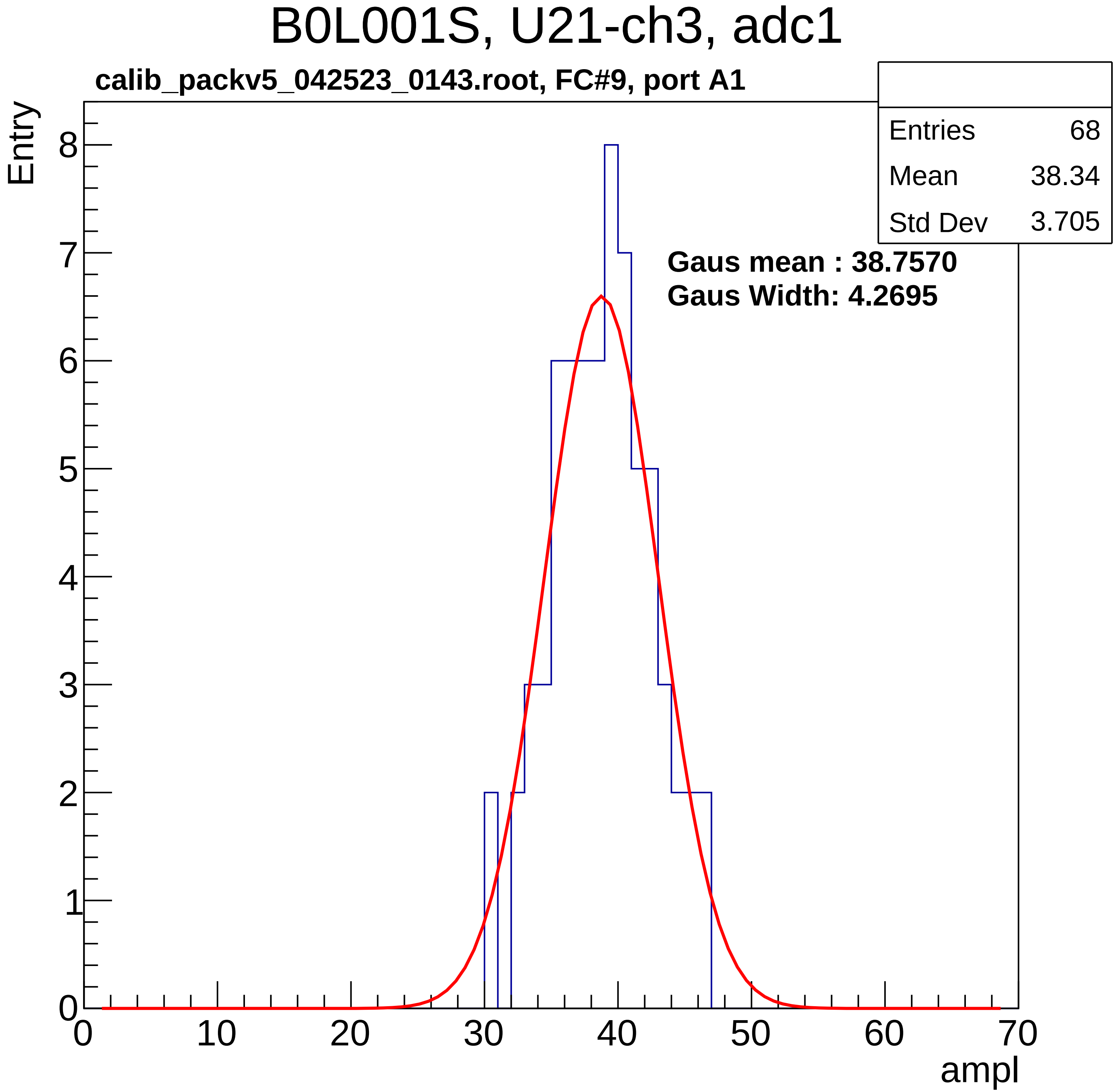


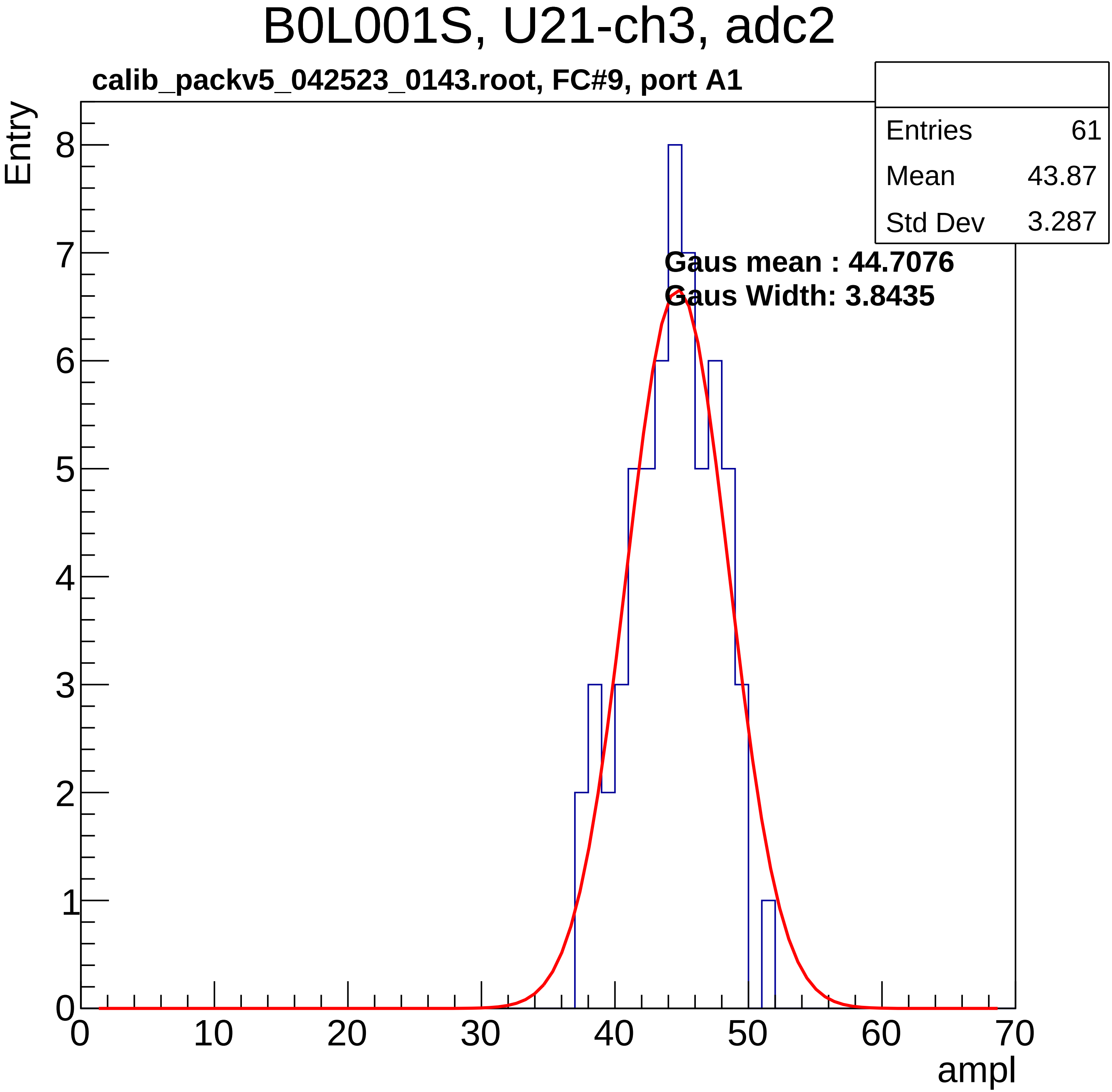
B0L001S, U21-ch2, adc6

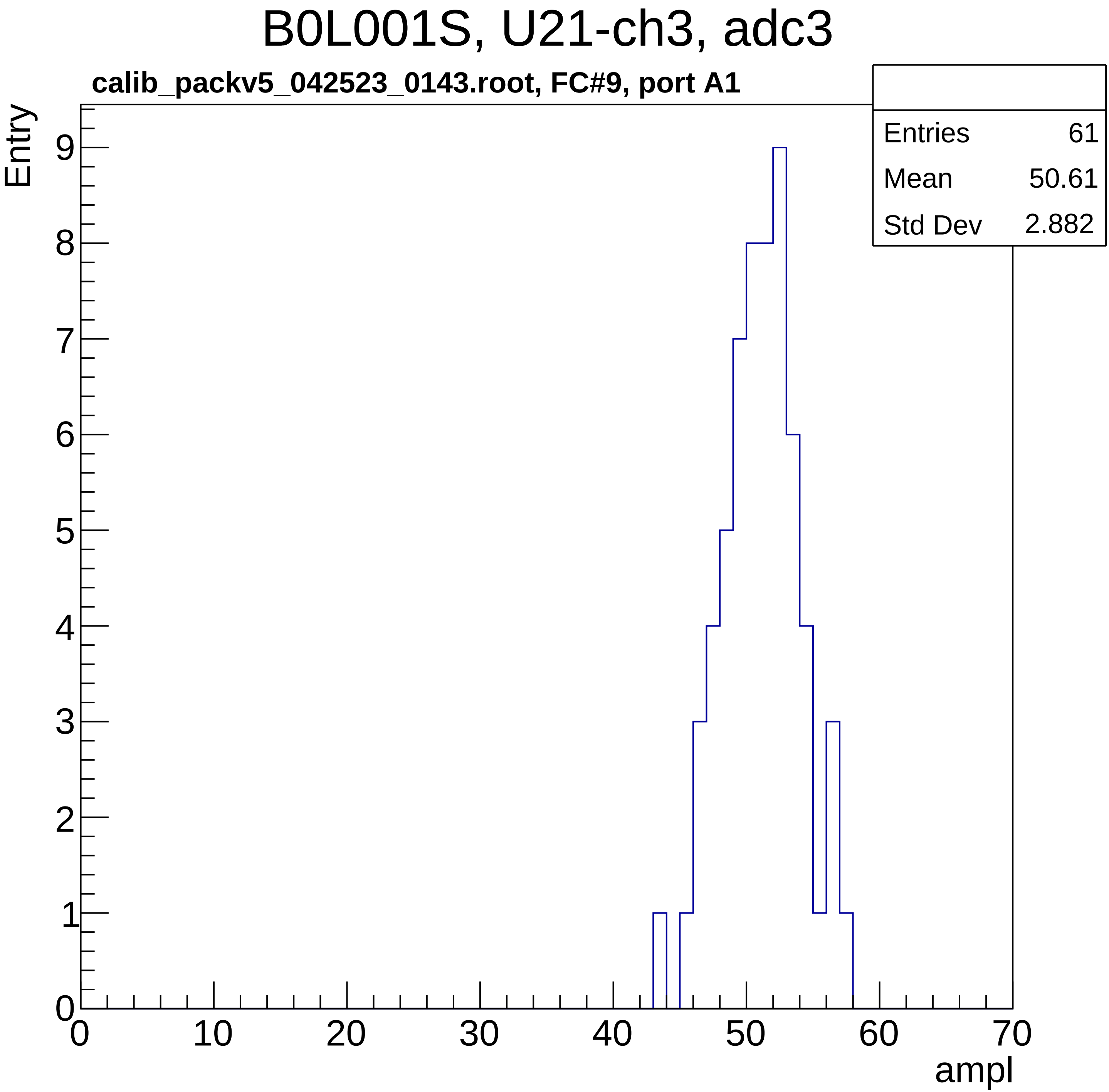


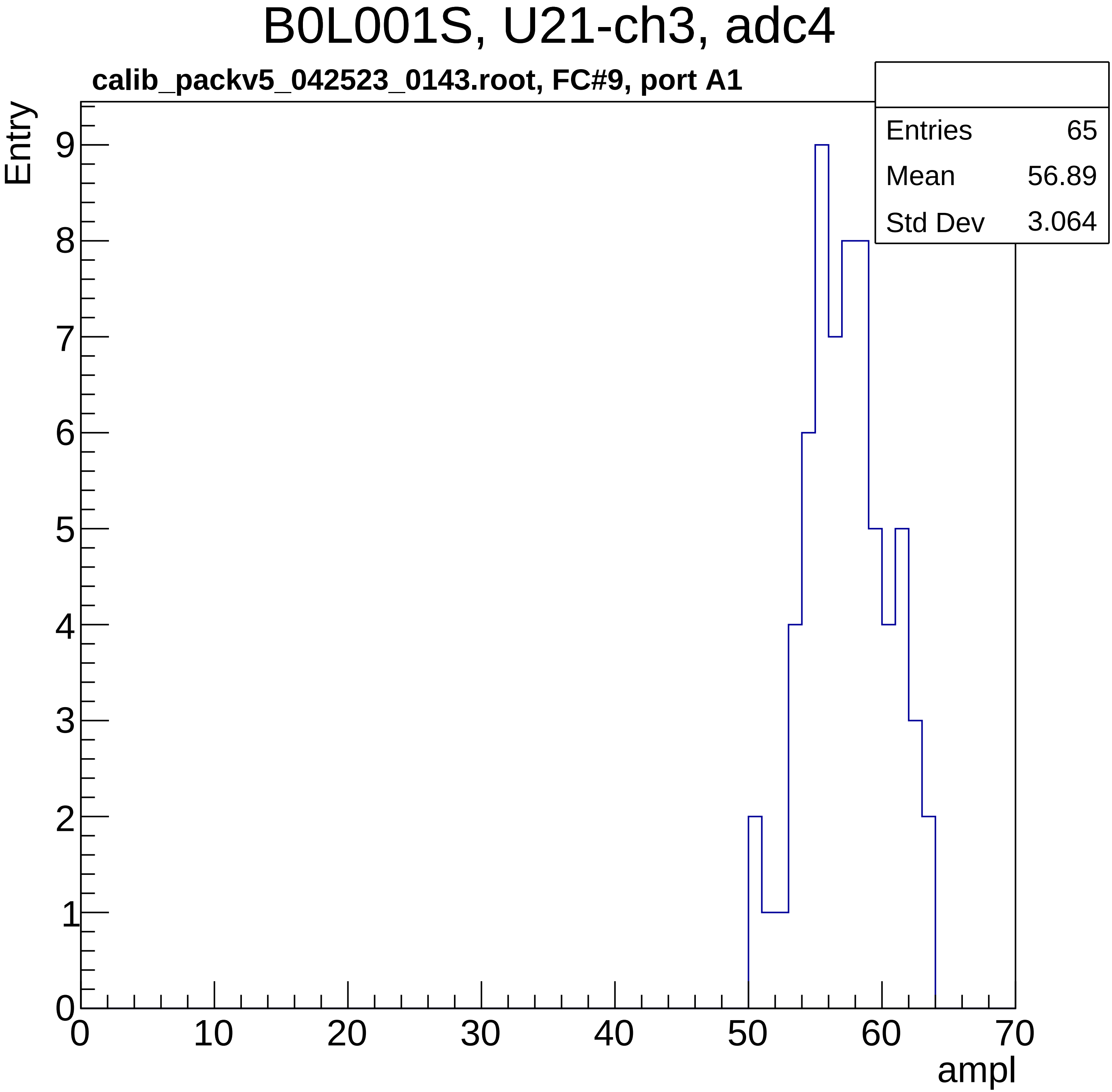

B0L001S, U21-ch2, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 1
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

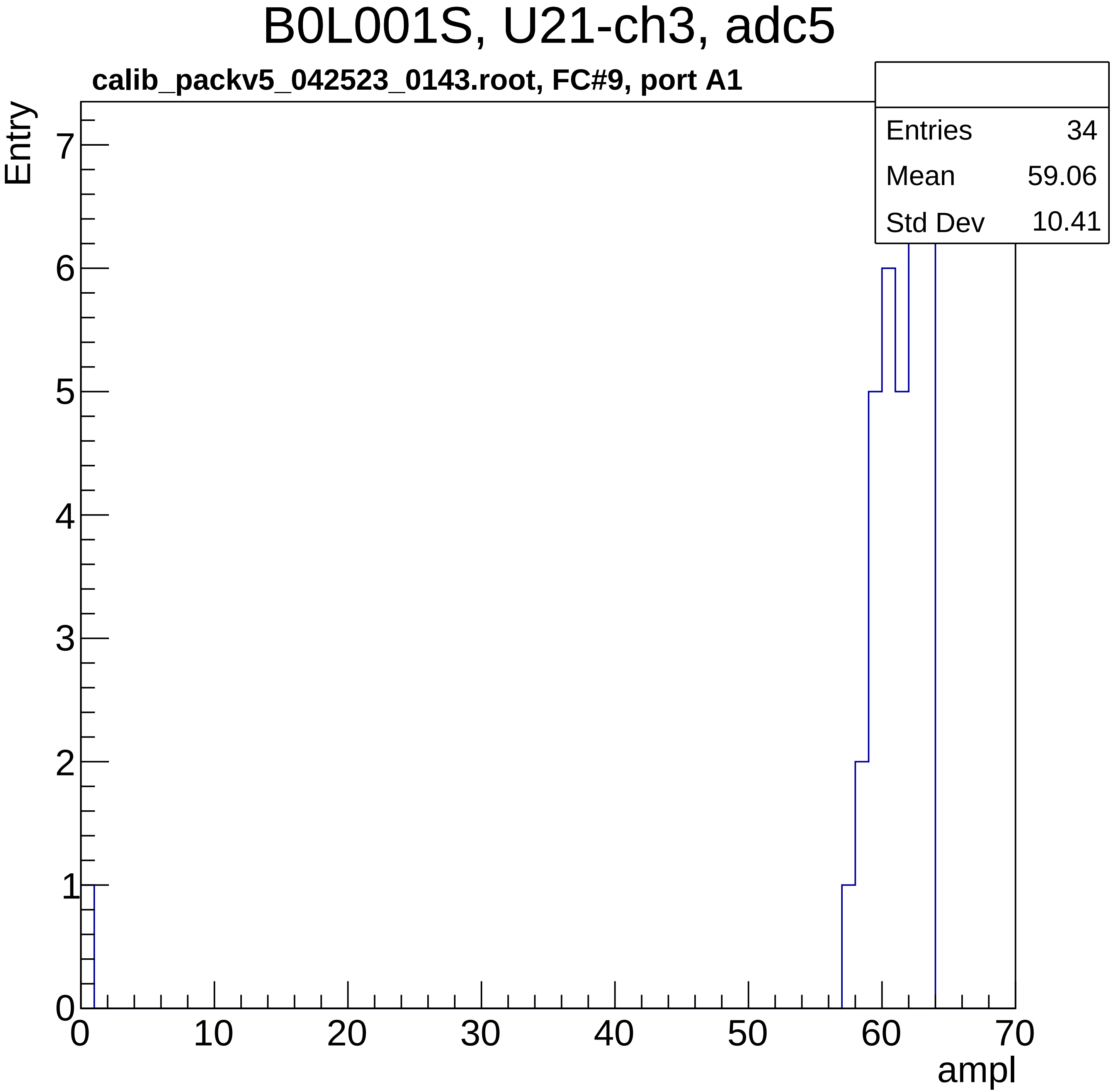

B0L001S, U21-ch3, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 31.48
Std Dev 3.222
Gaus mean : 32.0942
Gaus Width: 3.7446
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

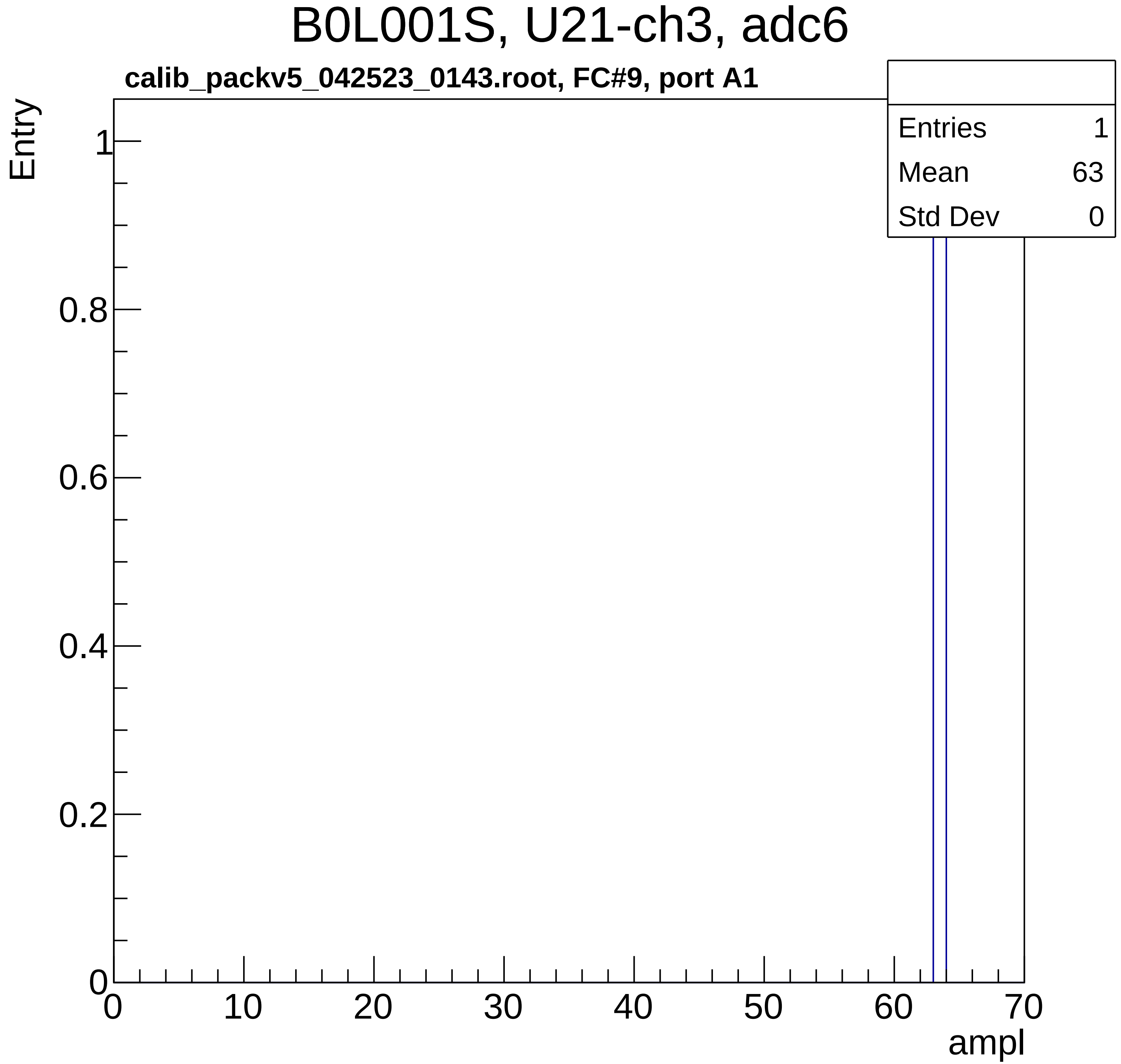

B0L001S, U21-ch3, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 38.34
Std Dev 3.705
Gaus mean : 38.7570
Gaus Width: 4.2695
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch3, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 43.87
Std Dev 3.287
Gaus mean : 44.7076
Gaus Width: 3.8435
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch3, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 50.61
Std Dev 2.882
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

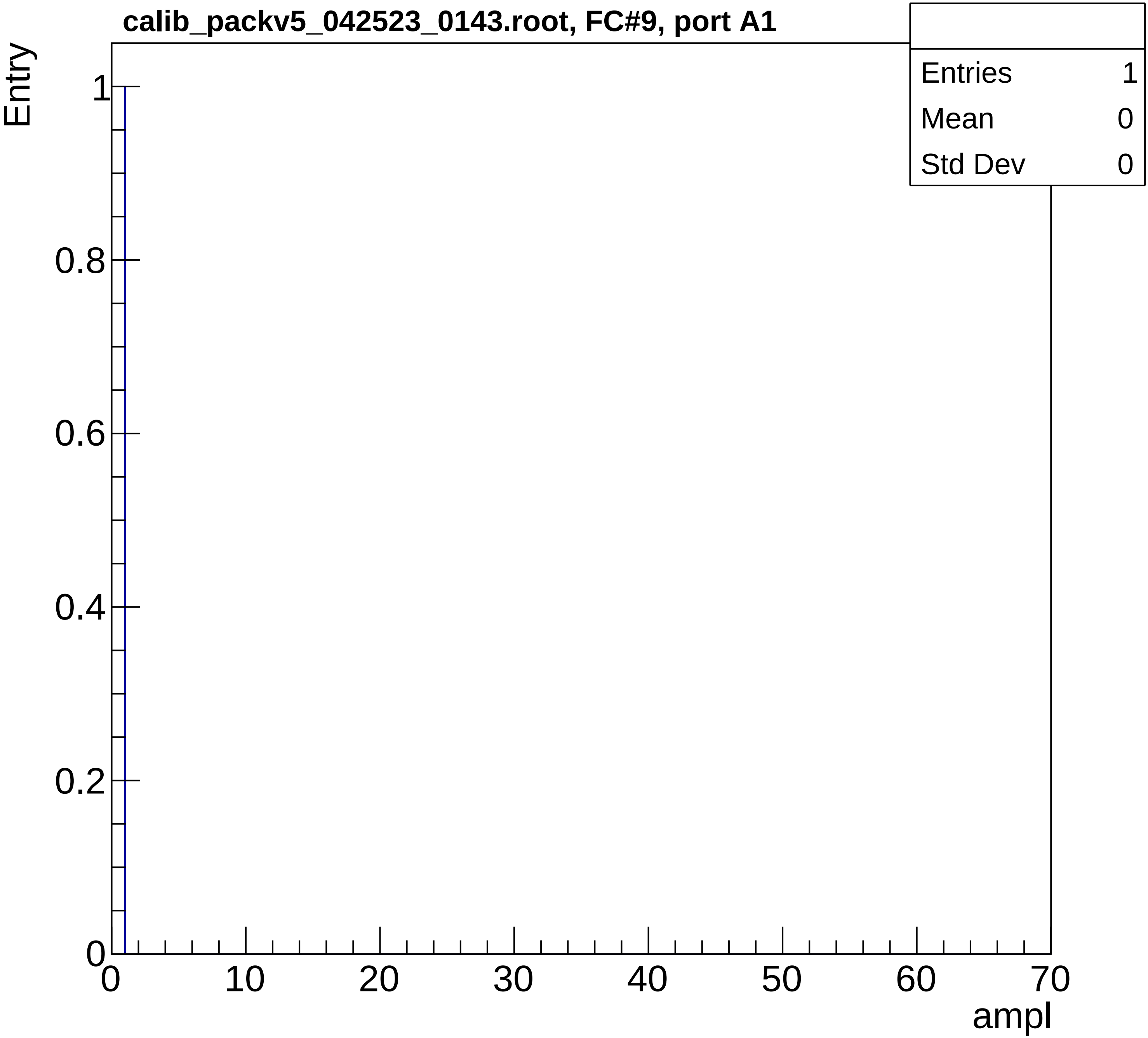

B0L001S, U21-ch3, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 56.89
Std Dev 3.064
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

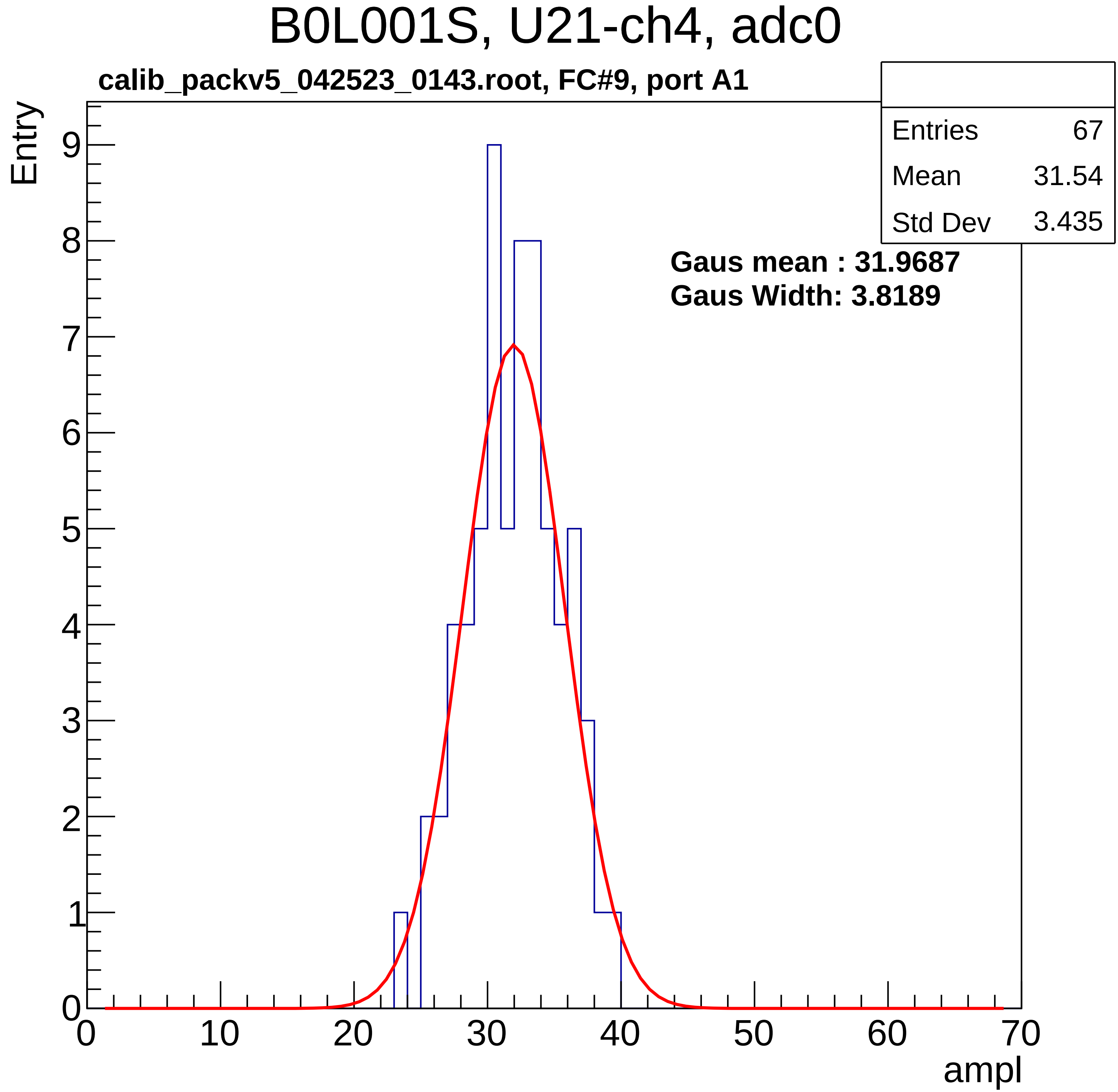

B0L001S, U21-ch3, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
Entries 34
Mean 59.06
Std Dev 10.41

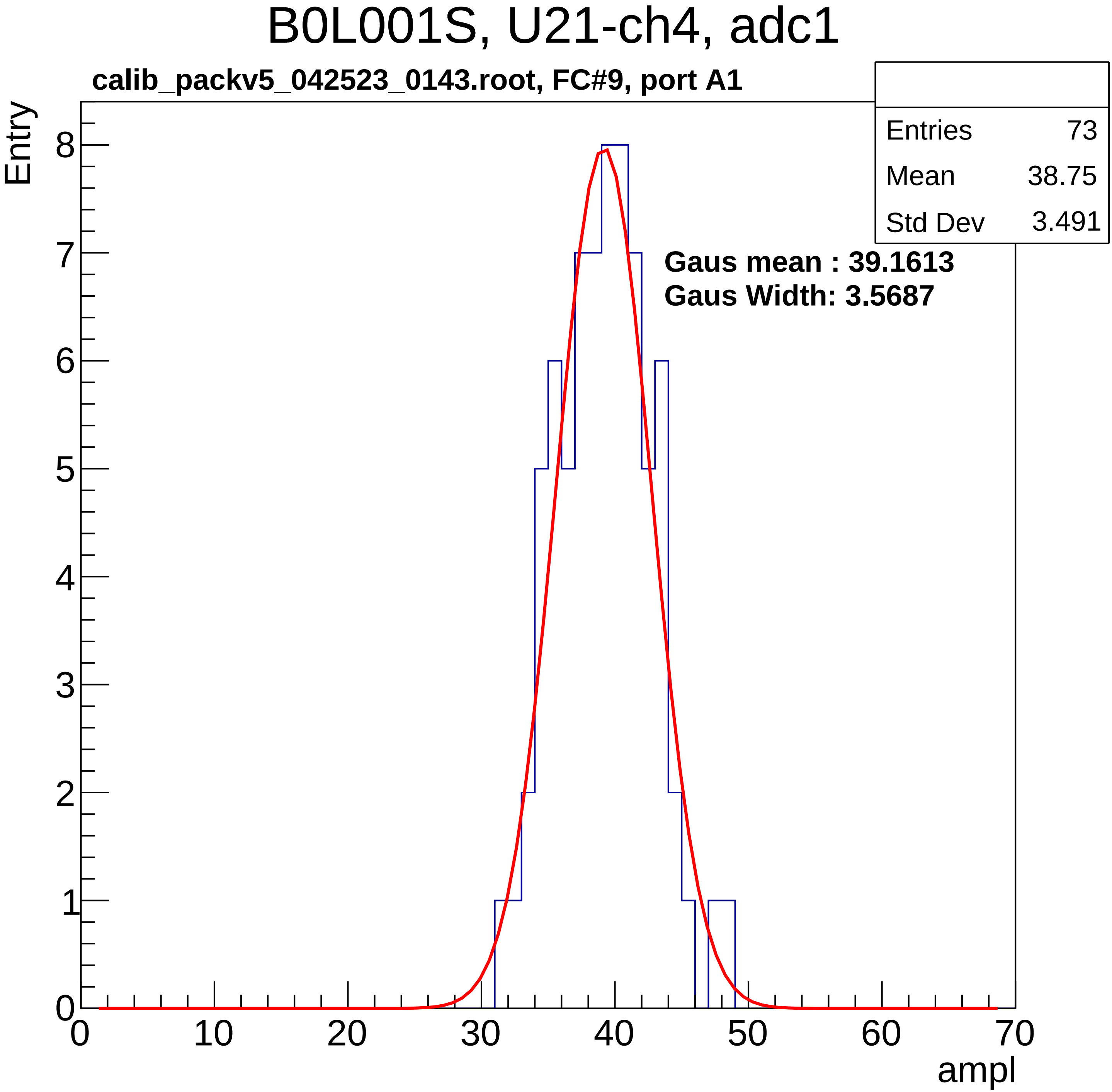

B0L001S, U21-ch3, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

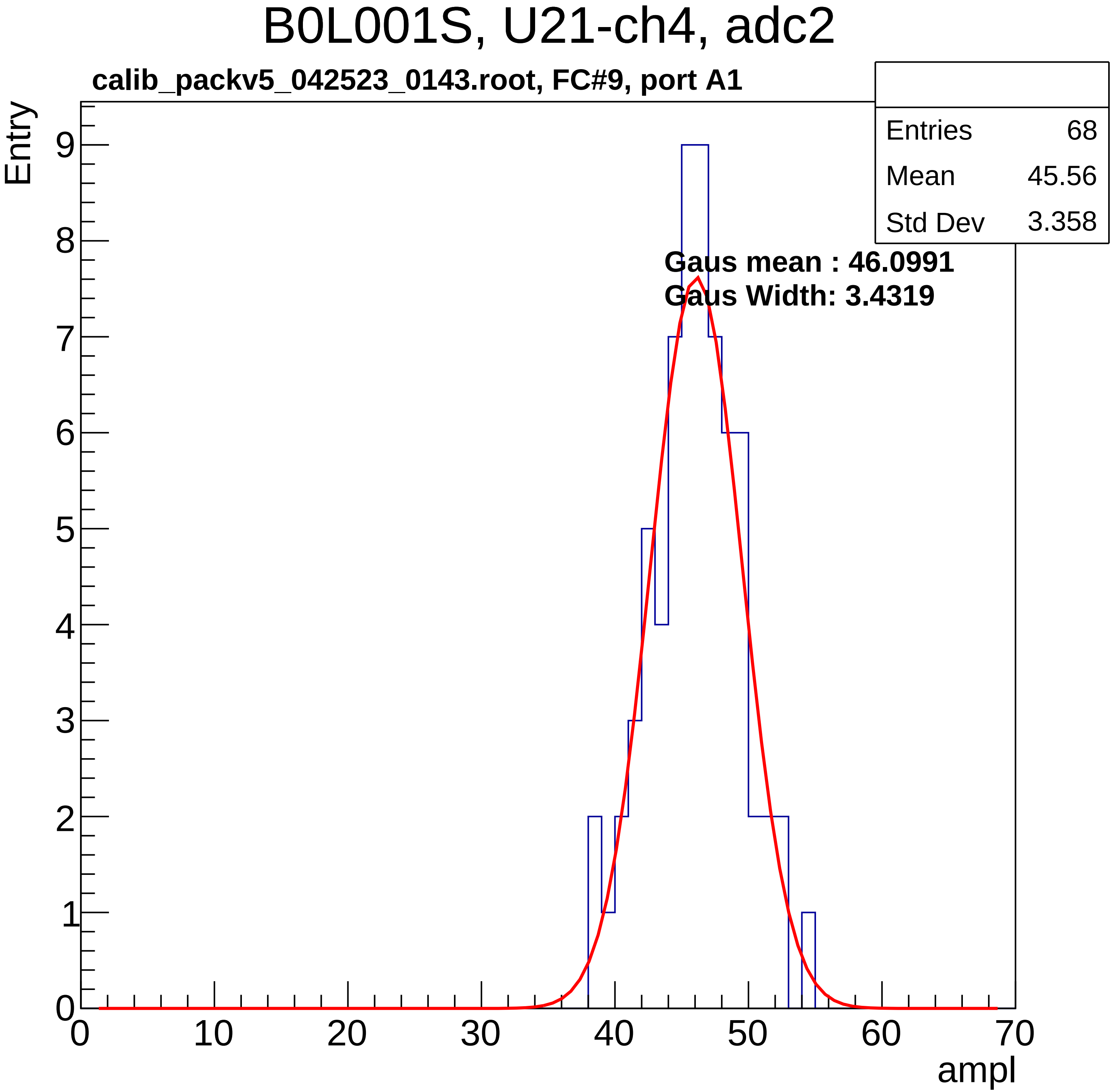
B0L001S, U21-ch3, adc7

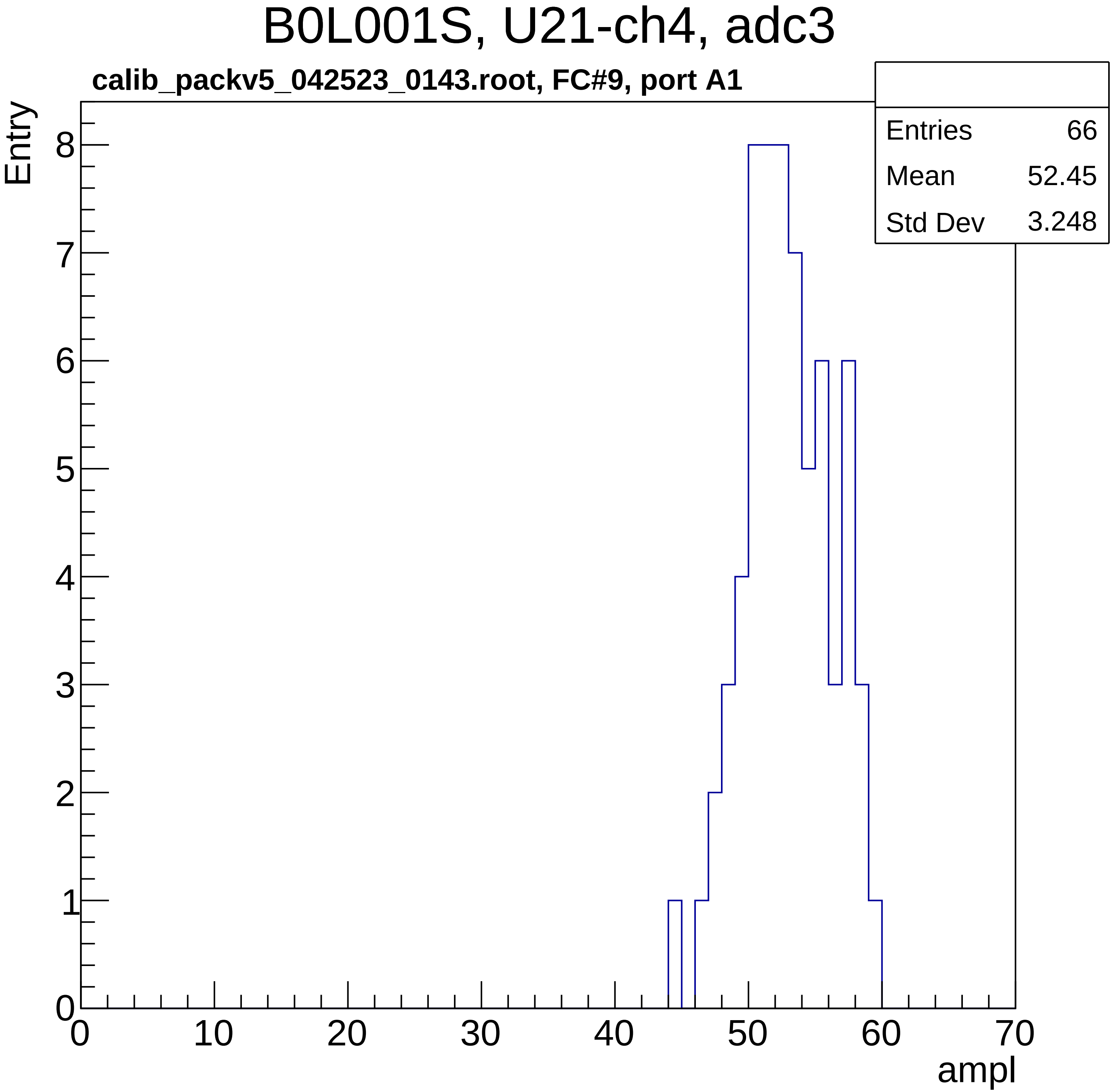
calib_packv5_042523_0143.root, FC#9, port A1




B0L001S, U21-ch4, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 31.54
Std Dev 3.435
Gaus mean : 31.9687
Gaus Width: 3.8189
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

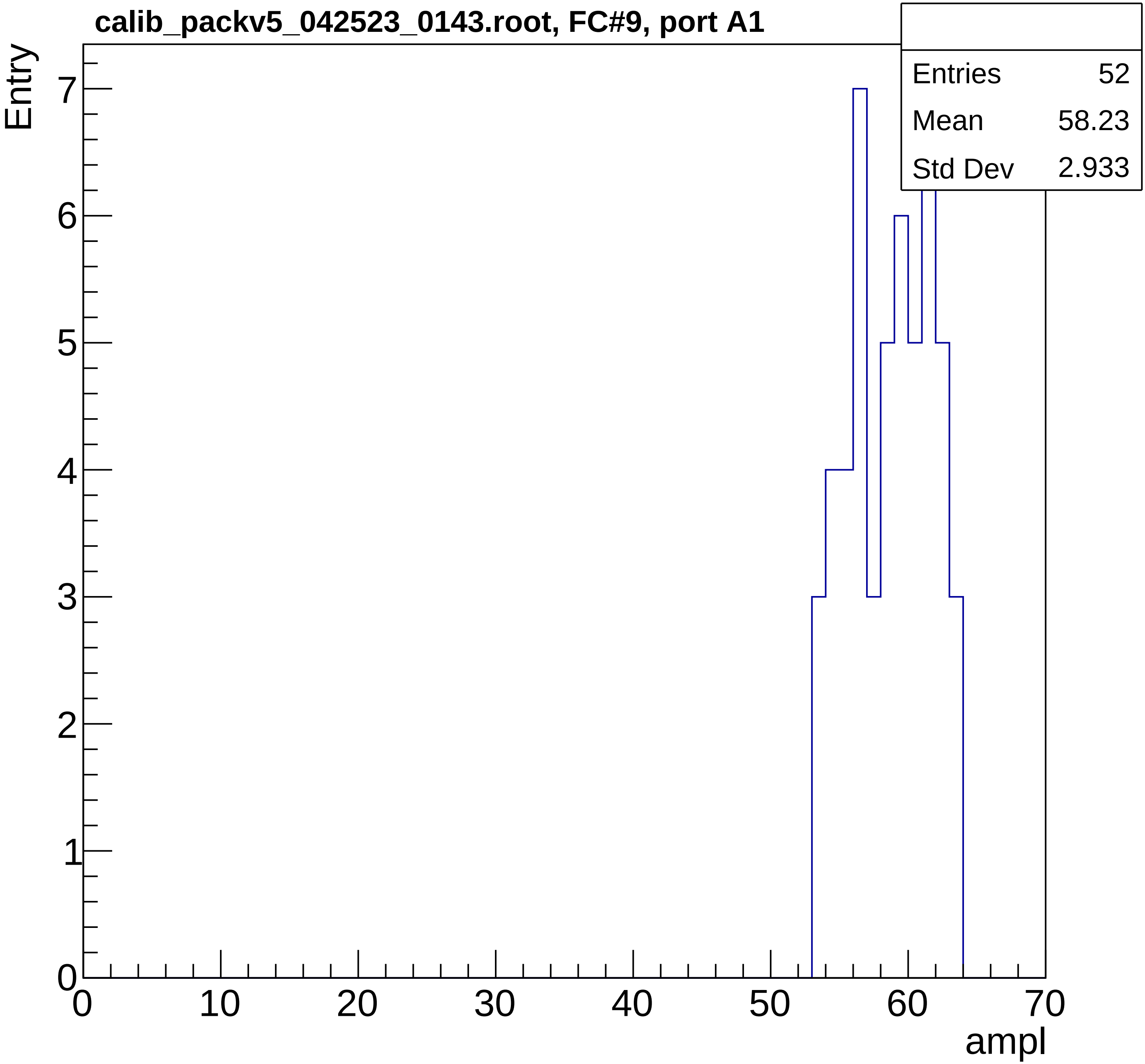

B0L001S, U21-ch4, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 38.75
Std Dev 3.491
Gaus mean : 39.1613
Gaus Width: 3.5687
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

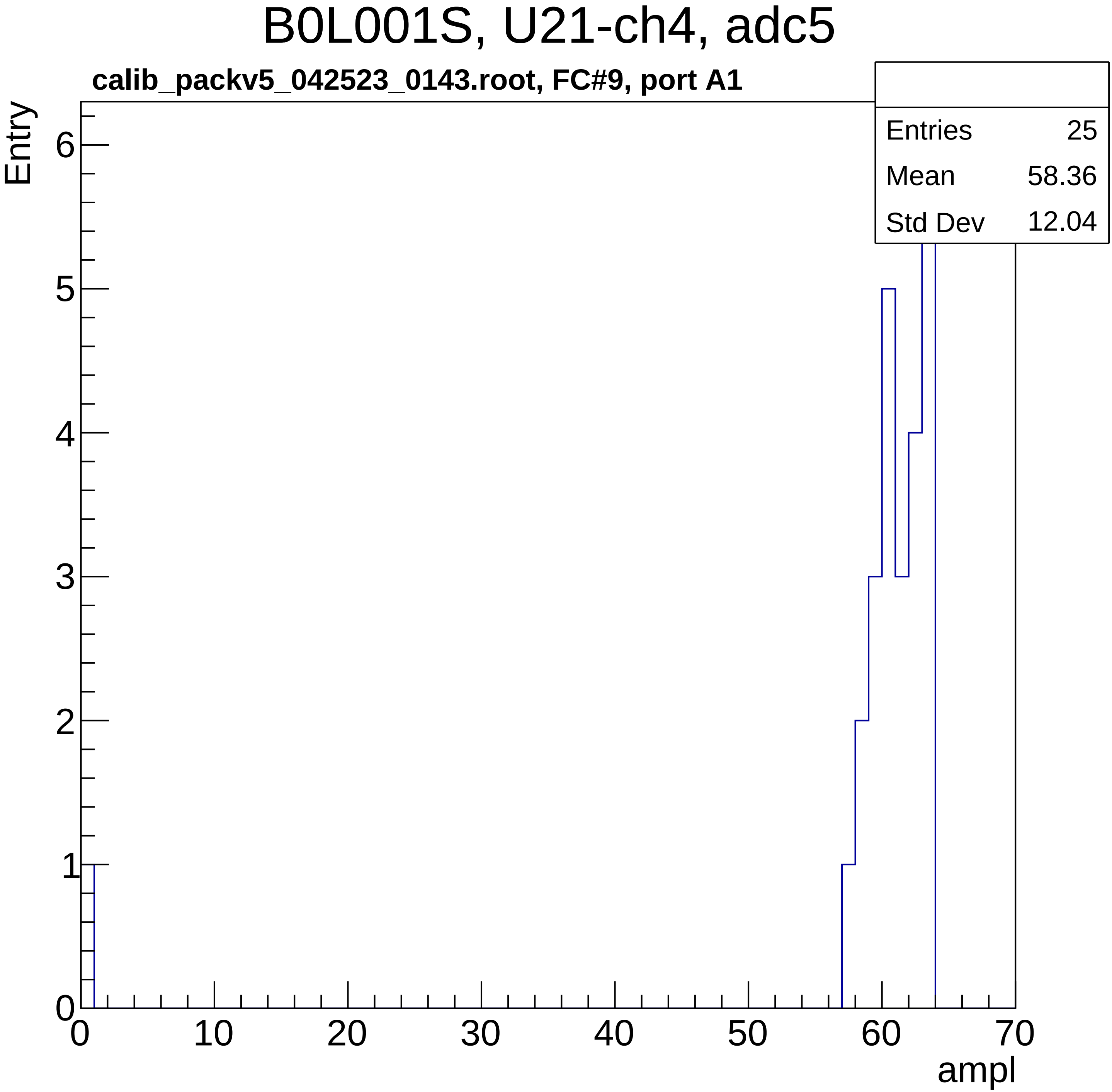

B0L001S, U21-ch4, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 45.56
Std Dev 3.358
Gaus mean : 46.0991
Gaus Width: 3.4319
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

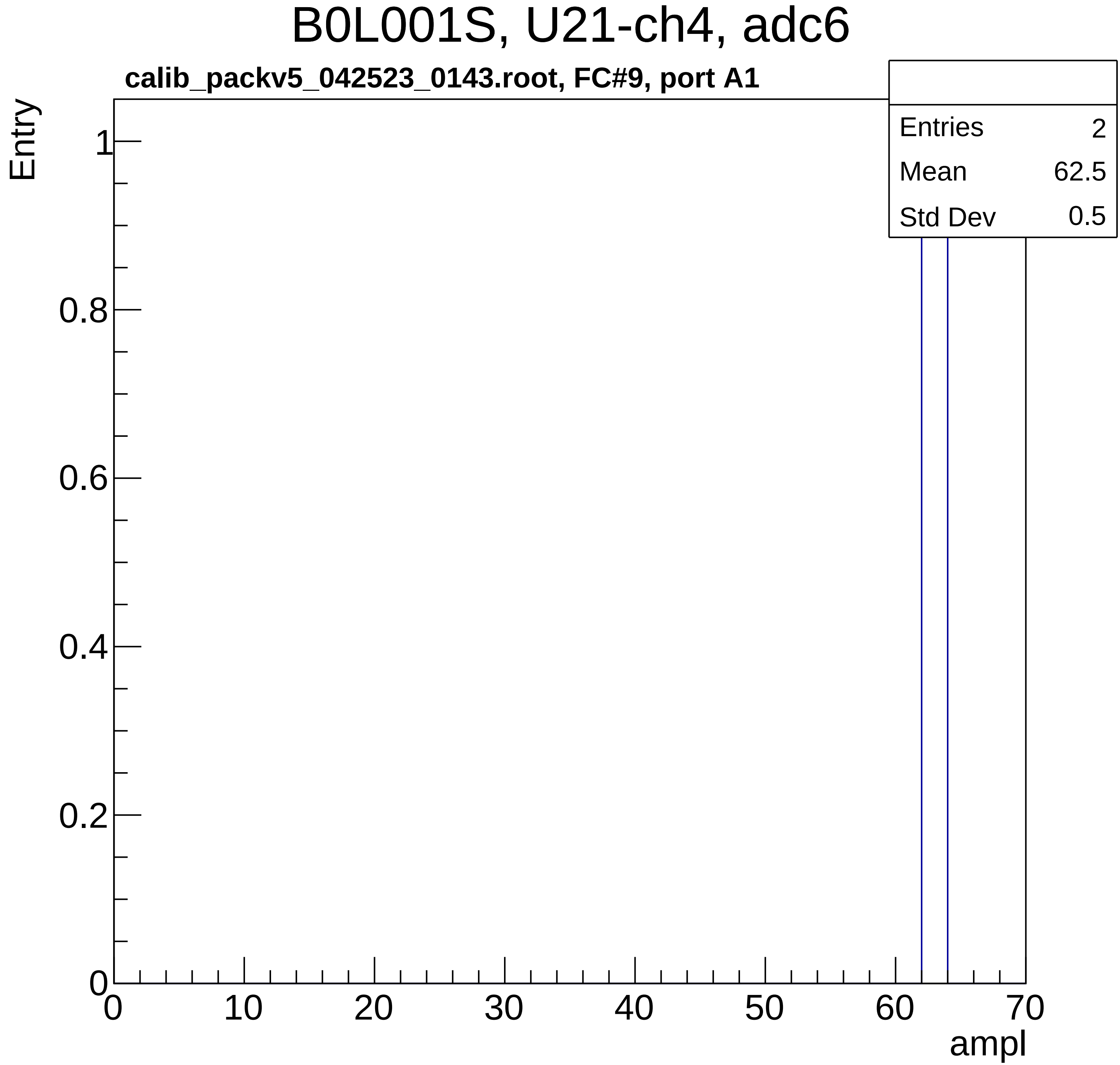

B0L001S, U21-ch4, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 52.45
Std Dev 3.248
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

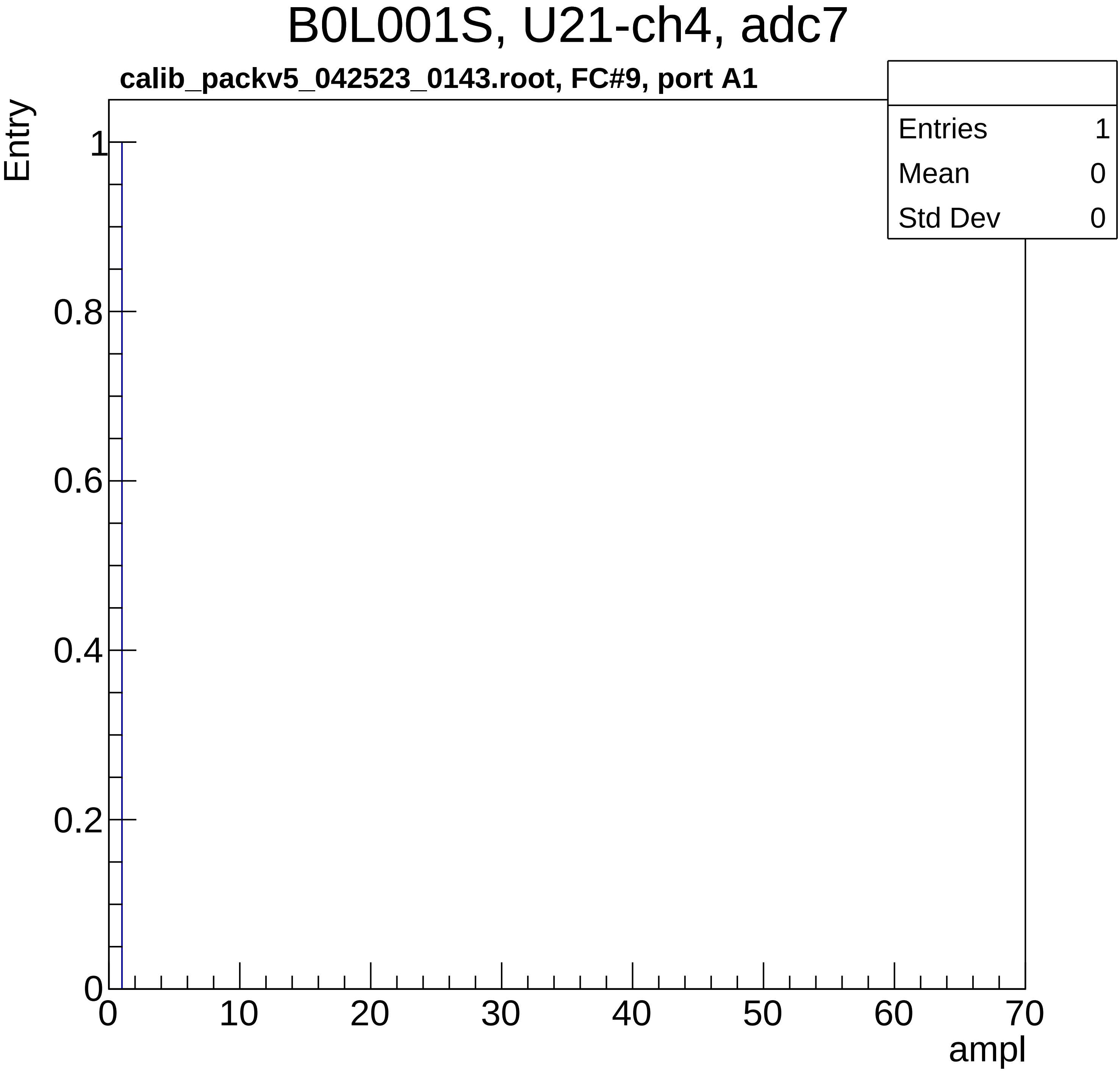
B0L001S, U21-ch4, adc4

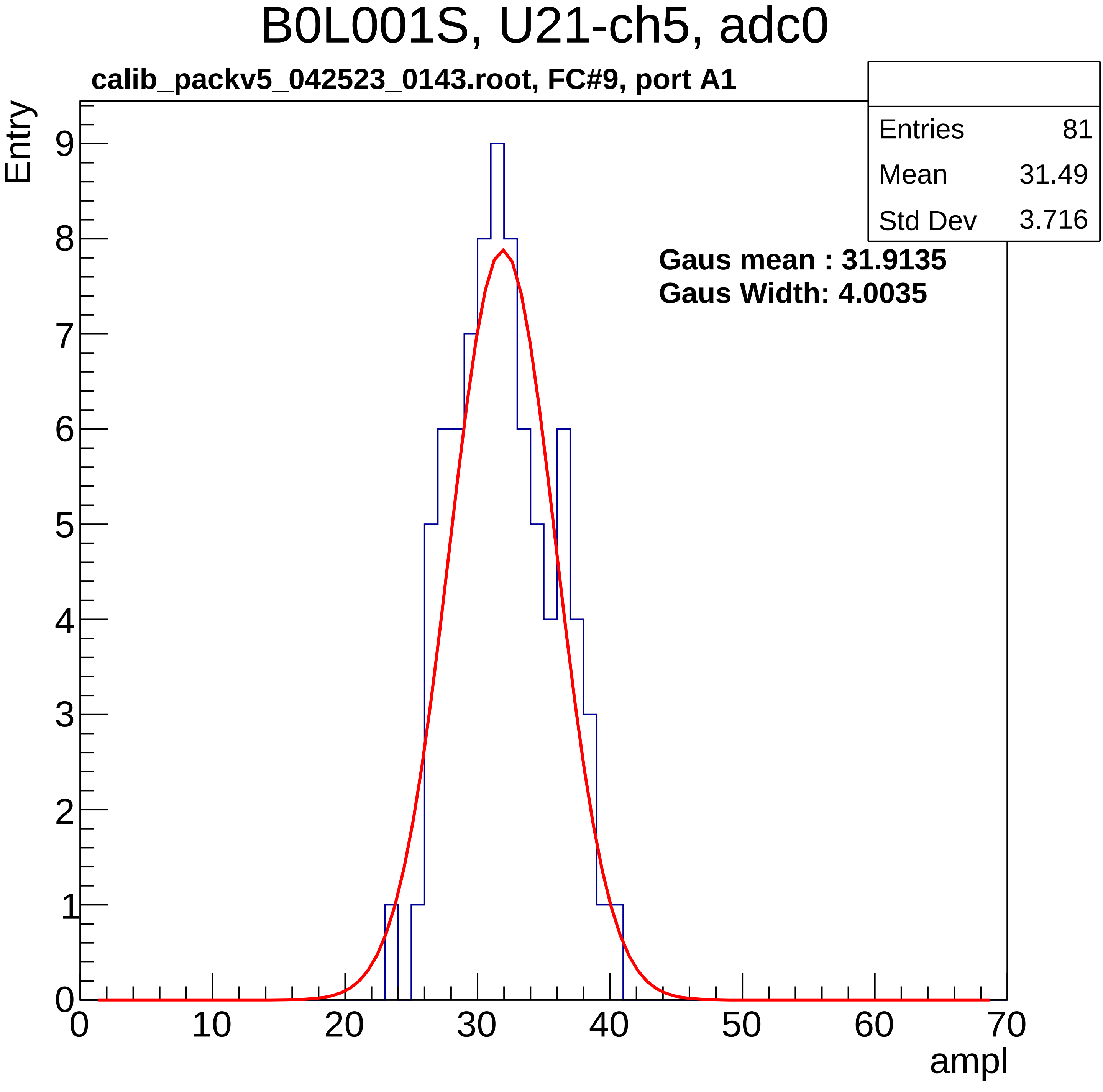
calib_packv5_042523_0143.root, FC#9, port A1

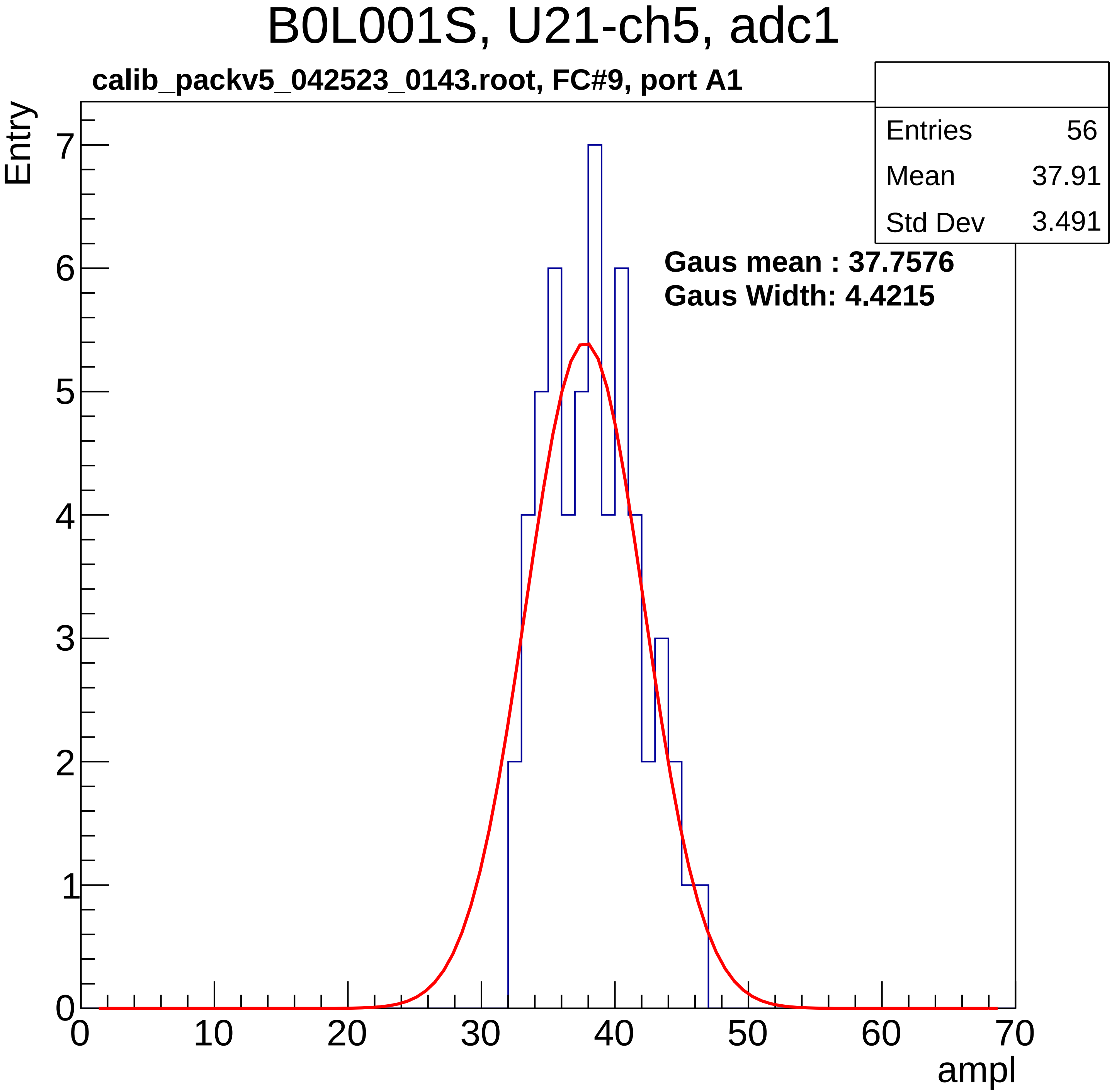


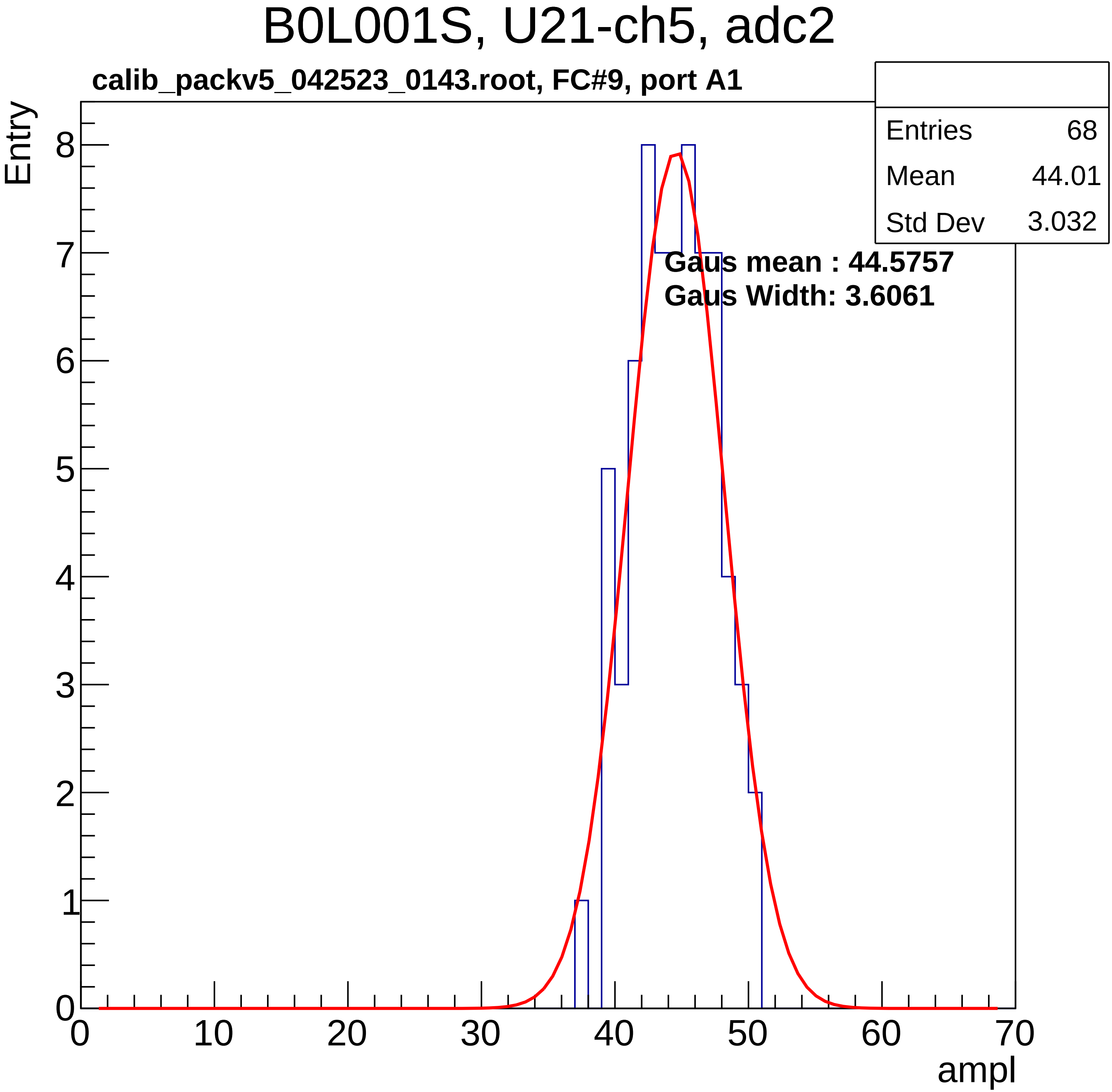

B0L001S, U21-ch4, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 25
Mean 58.36
Std Dev 12.04
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch4, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch4, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

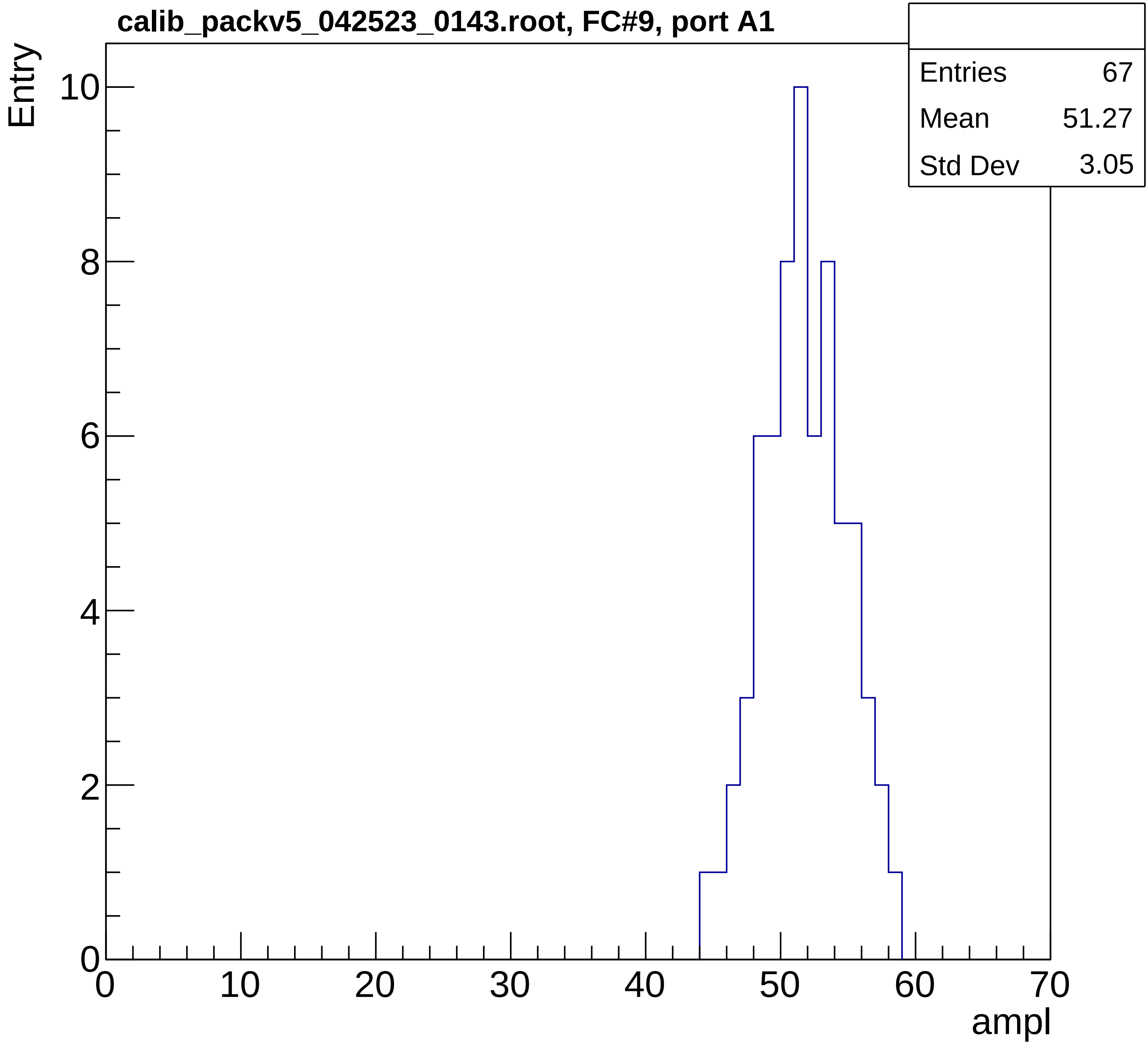

B0L001S, U21-ch5, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 31.49
Std Dev 3.716
Gaus mean : 31.9135
Gaus Width: 4.0035
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

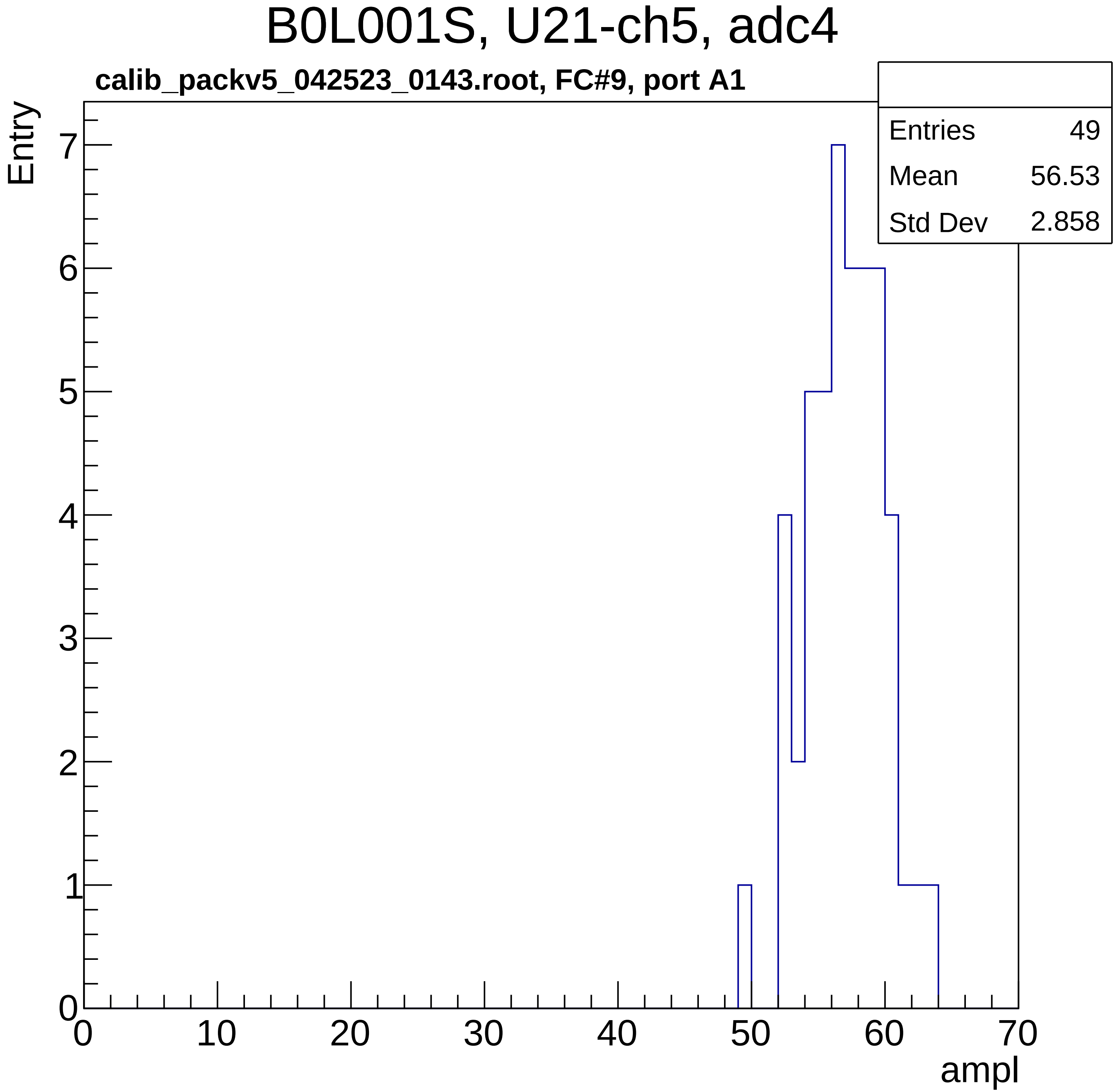

B0L001S, U21-ch5, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 56
Mean 37.91
Std Dev 3.491
Gaus mean : 37.7576
Gaus Width: 4.4215
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

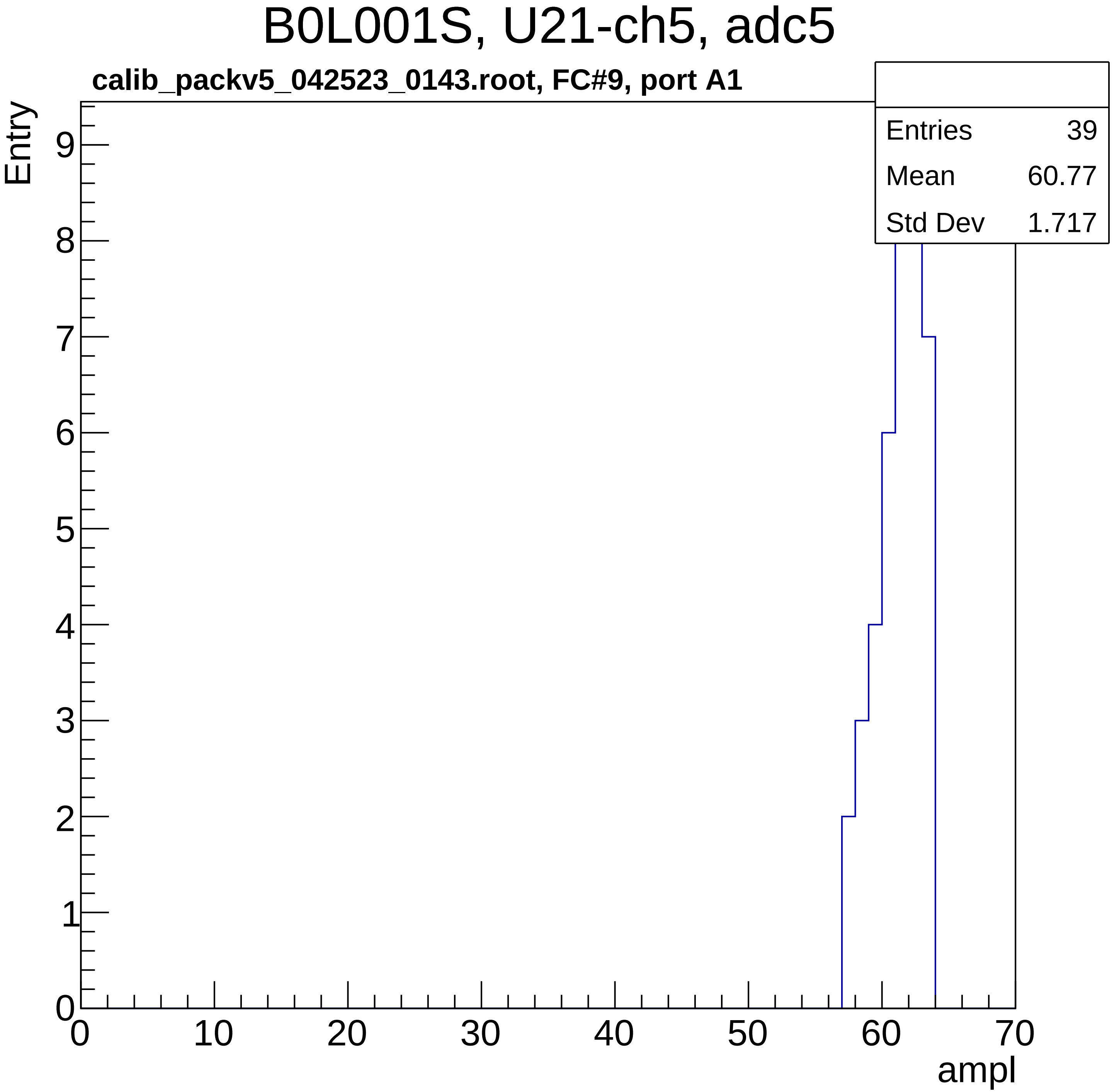

B0L001S, U21-ch5, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 44.01
Std Dev 3.032
Gaus mean : 44.5757
Gaus Width: 3.6061
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

B0L001S, U21-ch5, adc3

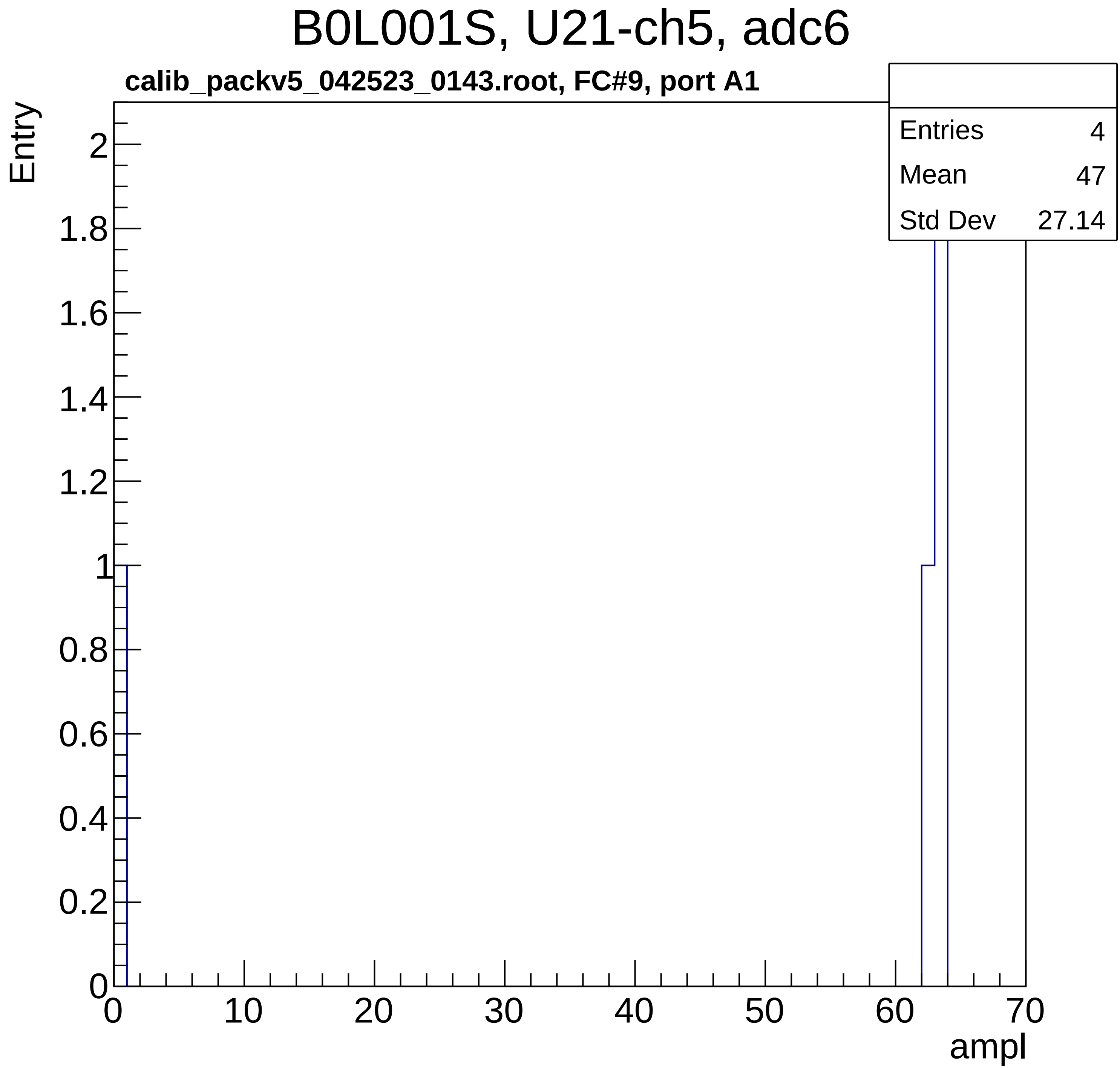
calib_packv5_042523_0143.root, FC#9, port A1



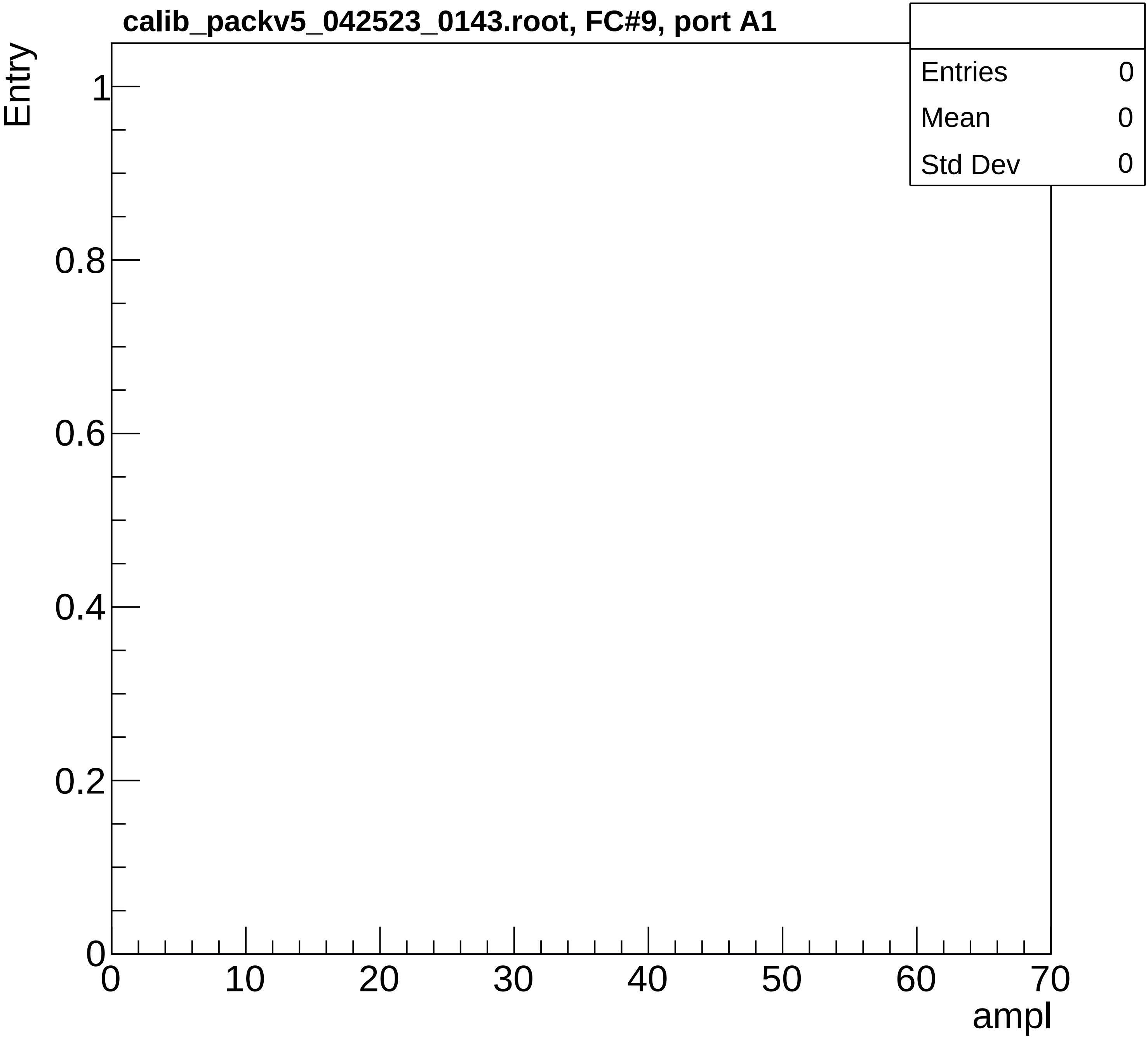

B0L001S, U21-ch5, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 49
Mean 56.53
Std Dev 2.858
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

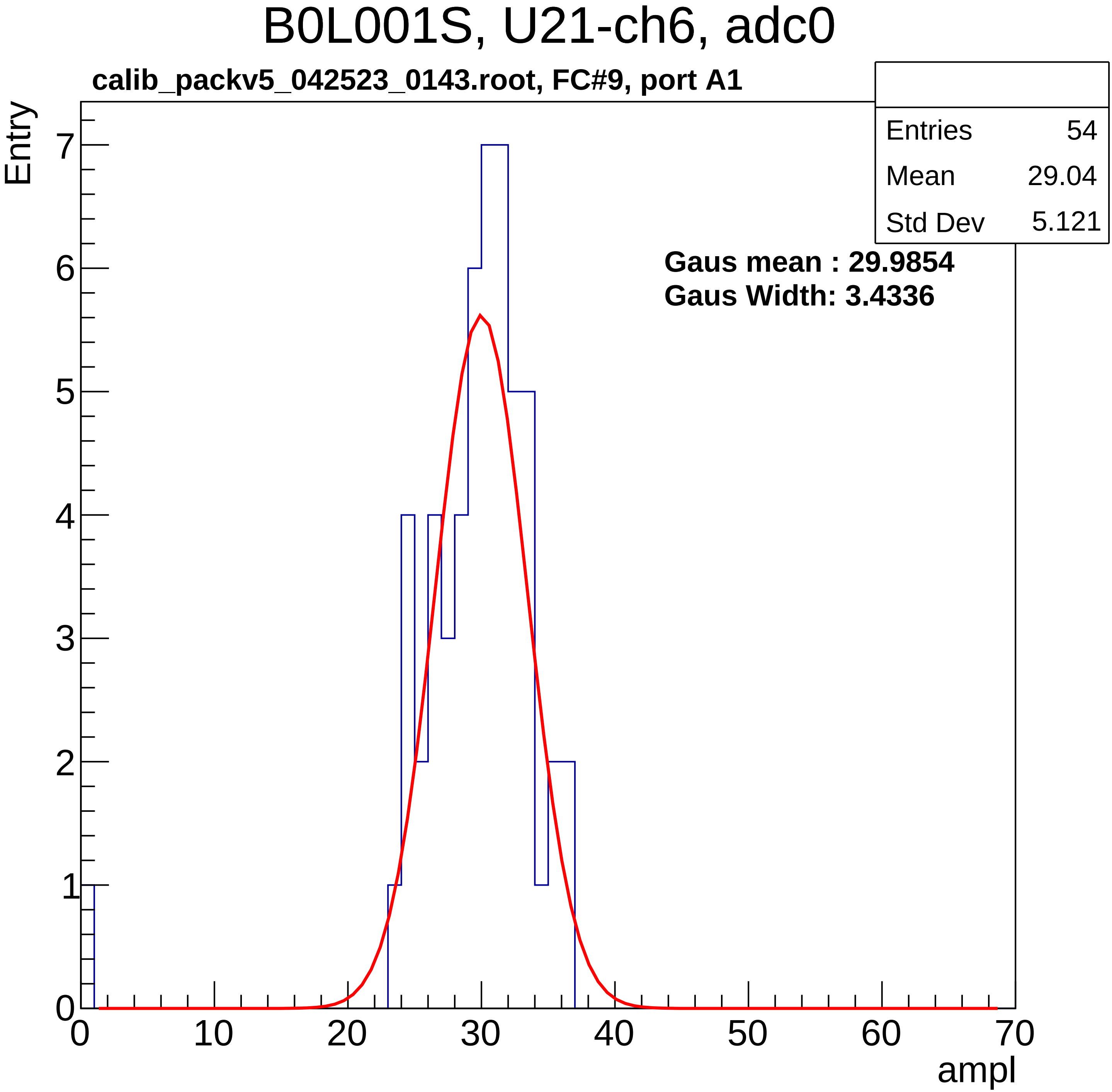


B0L001S, U21-ch5, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 60.77
Std Dev 1.717
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

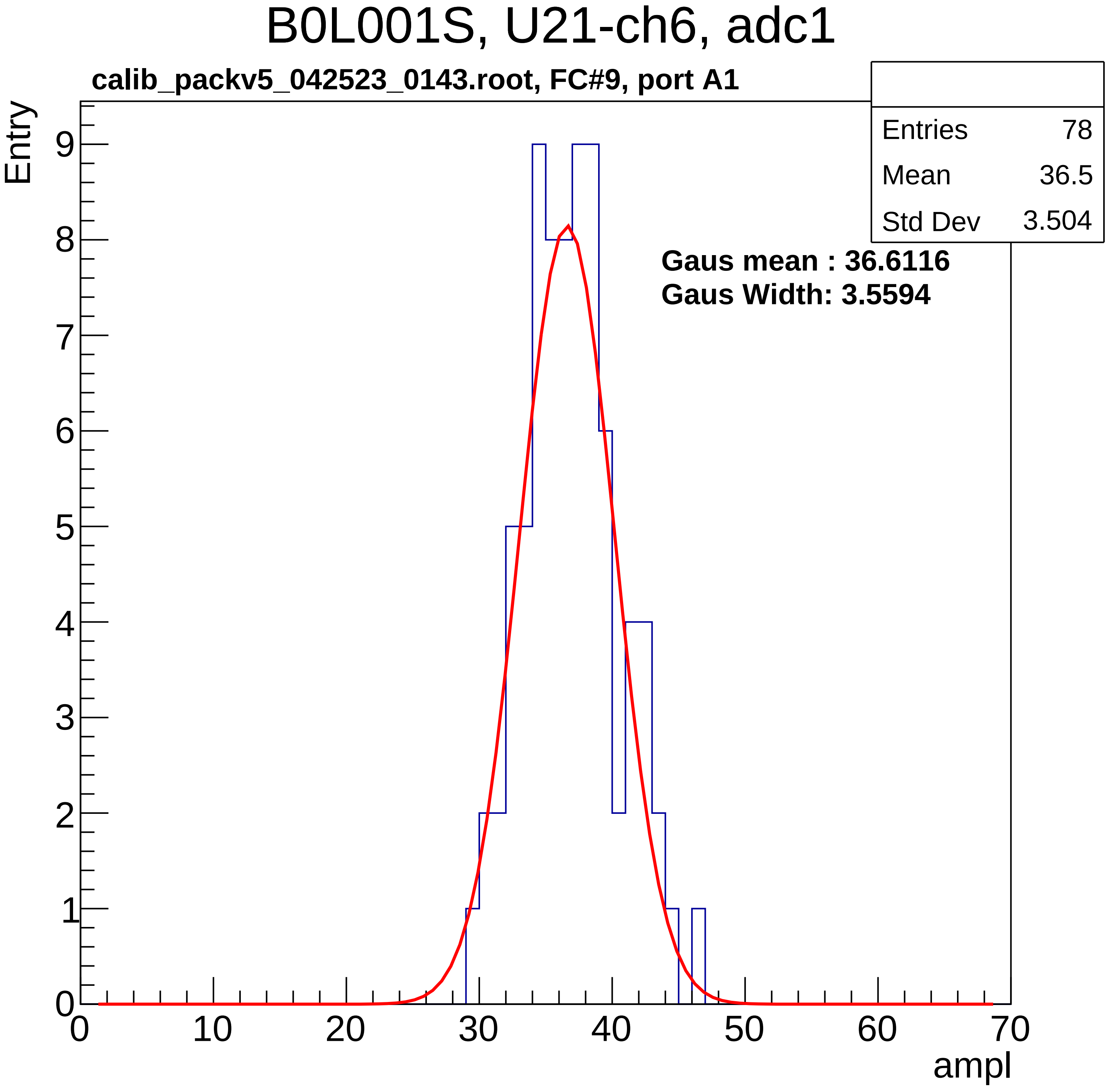

B0L001S, U21-ch5, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 47
Std Dev 27.14
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

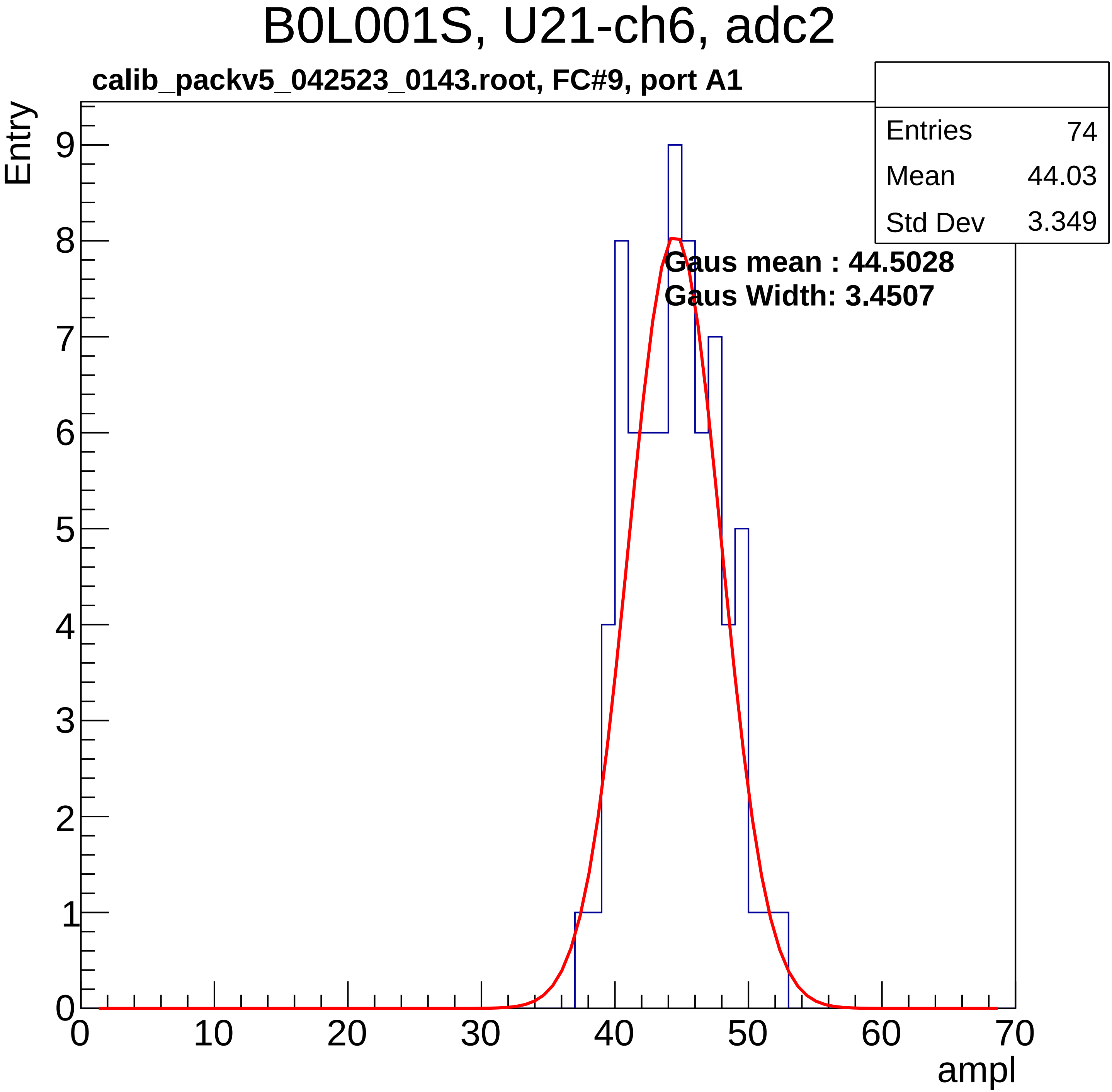
B0L001S, U21-ch5, adc7

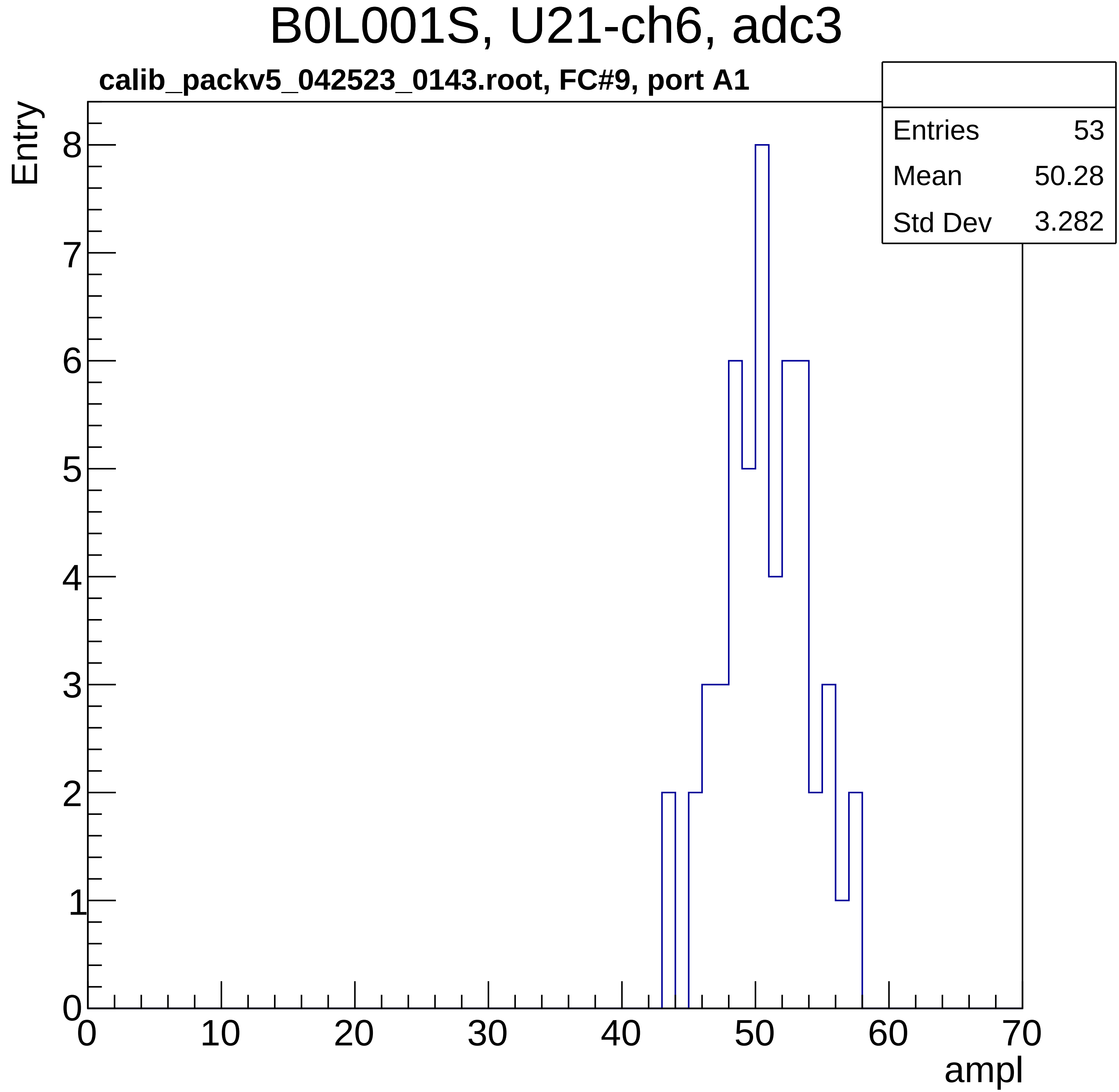


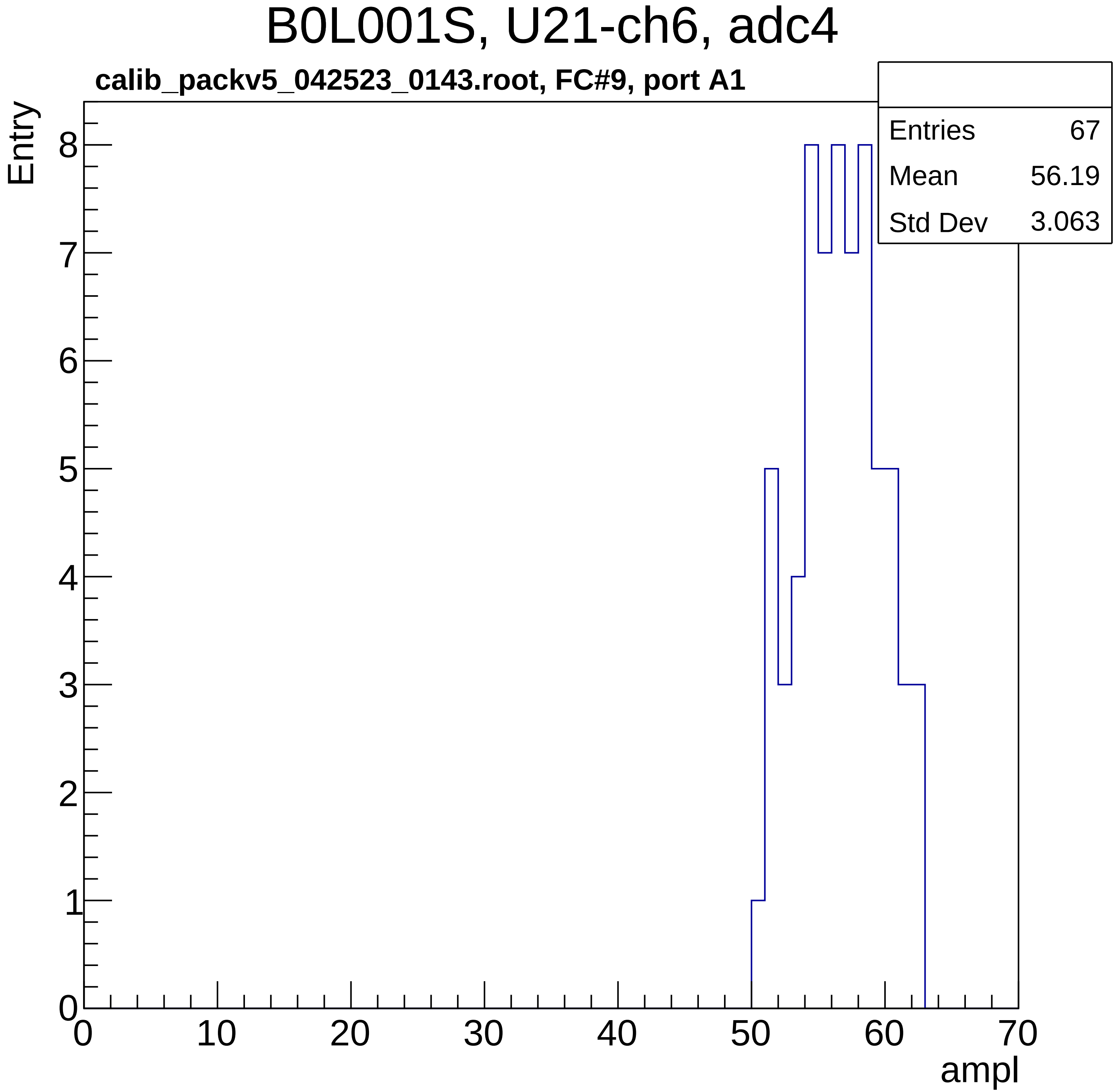


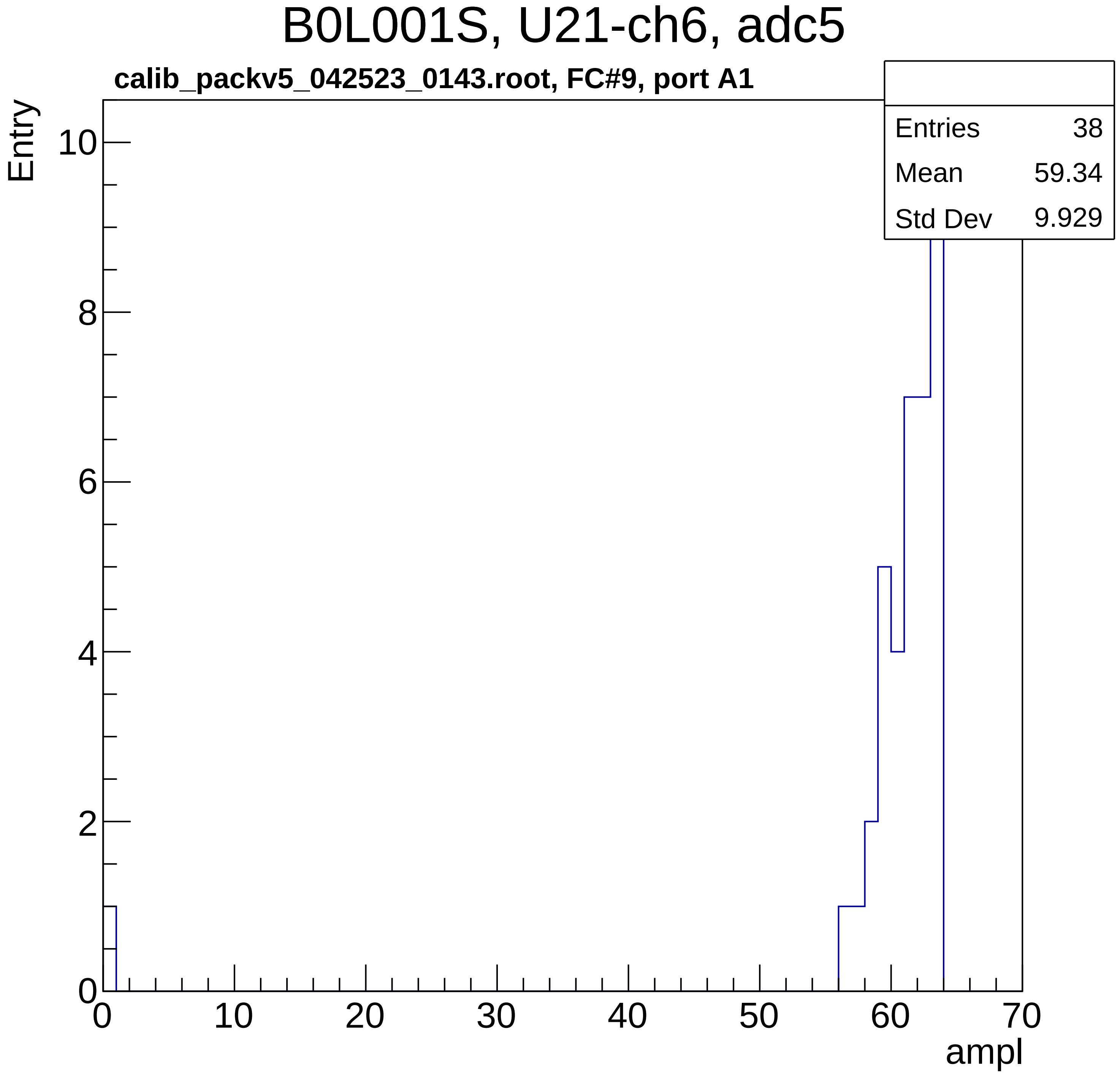
B0L001S, U21-ch6, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 29.04
Std Dev 5.121
Gaus mean : 29.9854
Gaus Width: 3.4336
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

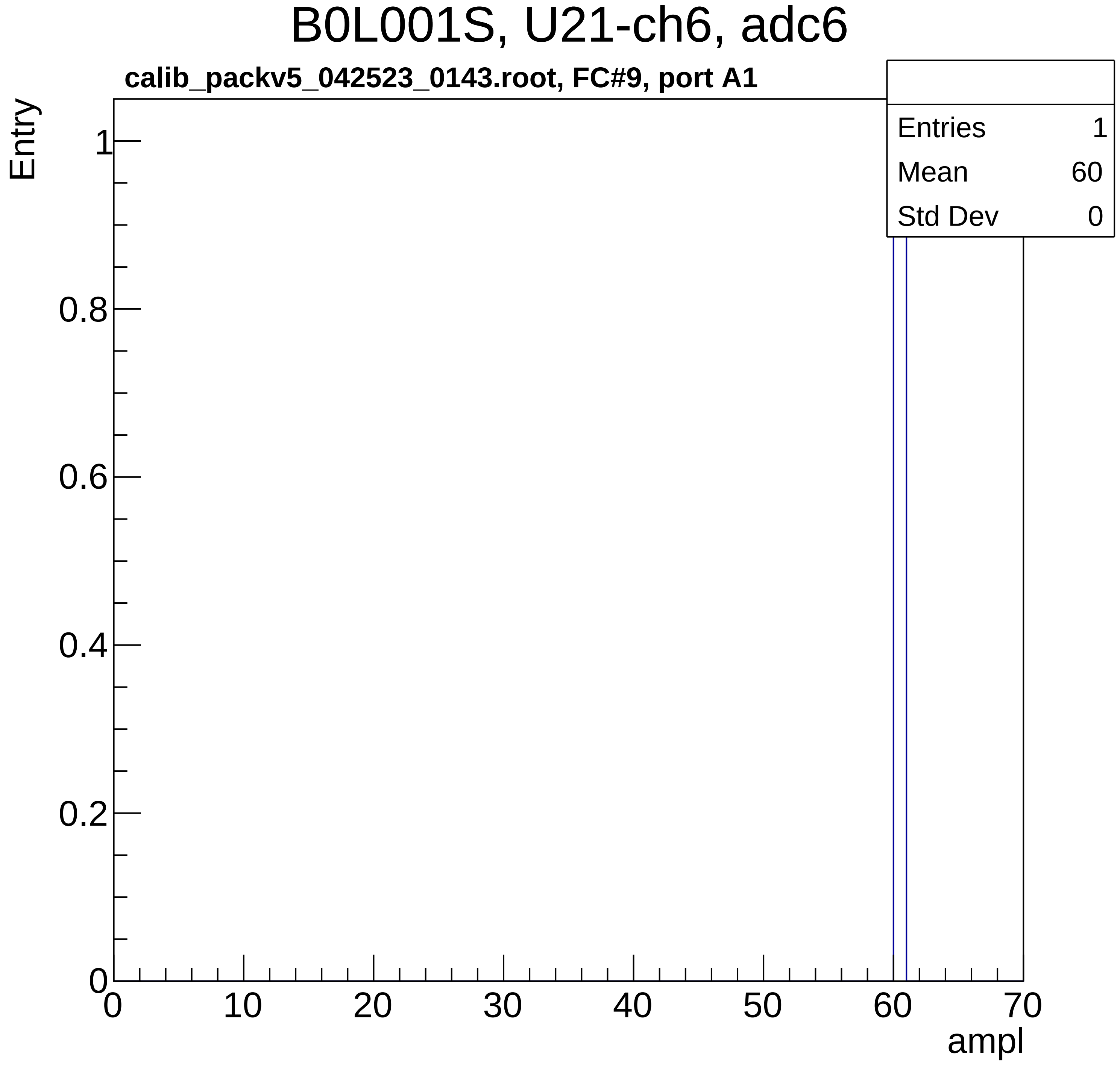

B0L001S, U21-ch6, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 36.5
Std Dev 3.504
Gaus mean : 36.6116
Gaus Width: 3.5594
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch6, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
Entries 74
Mean 44.03
Std Dev 3.349
Gaus mean : 44.5028
Gaus Width: 3.4507

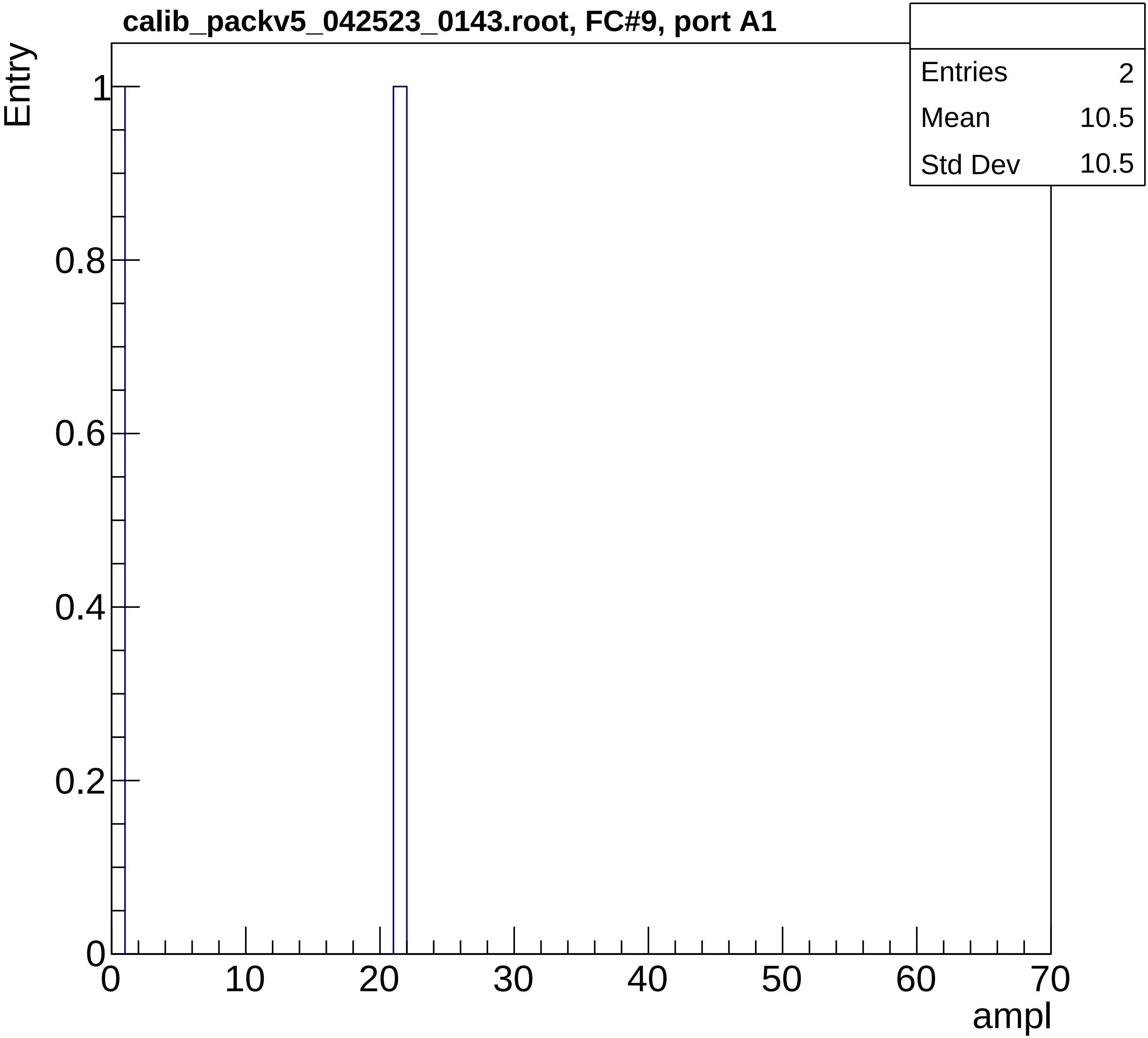

B0L001S, U21-ch6, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 50.28
Std Dev 3.282
Entry
8
7
6
5
4
3
2
1
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch6, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 67
Mean 56.19
Std Dev 3.063
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch6, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 59.34
Std Dev 9.929
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

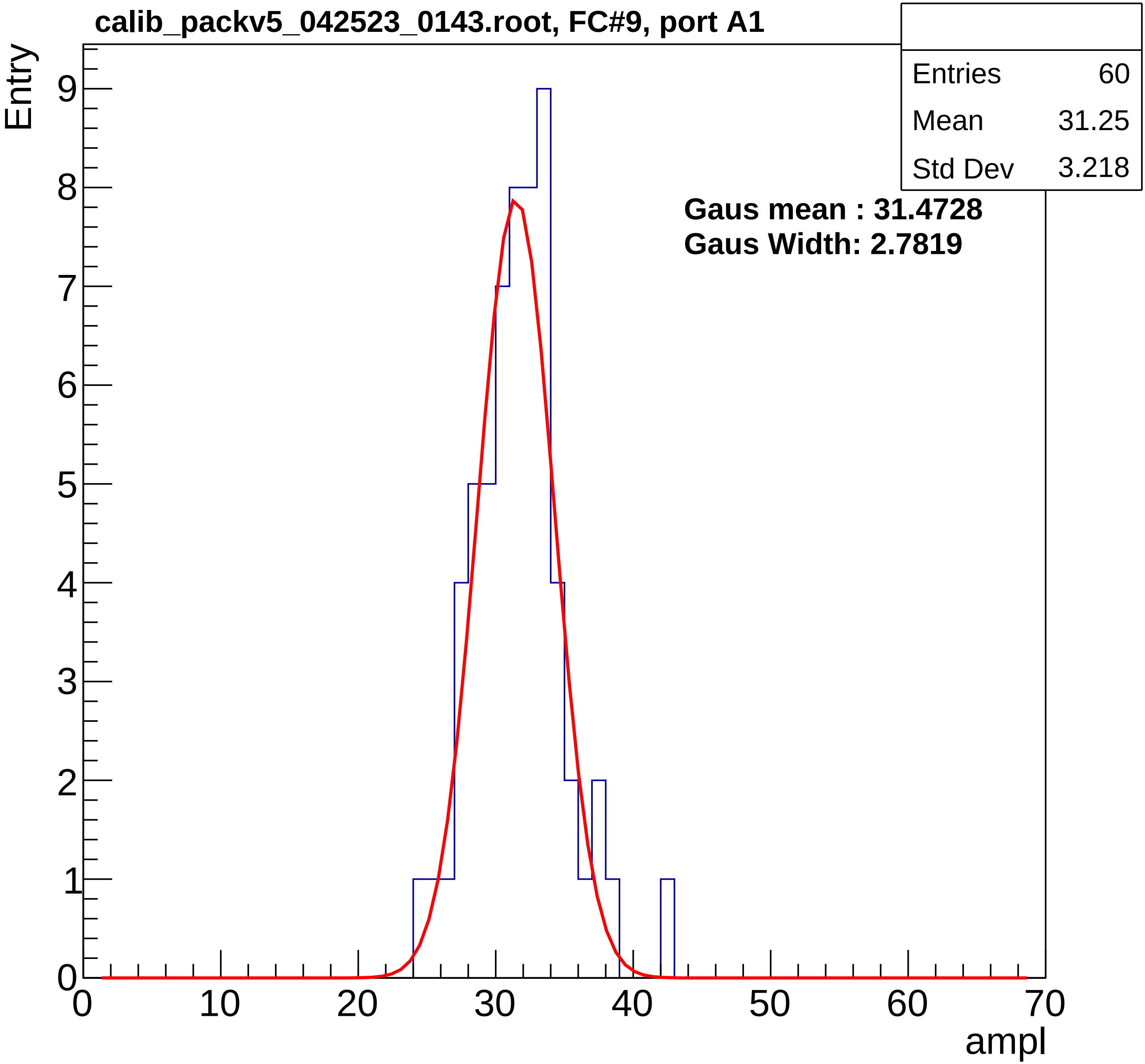

B0L001S, U21-ch6, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 60
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

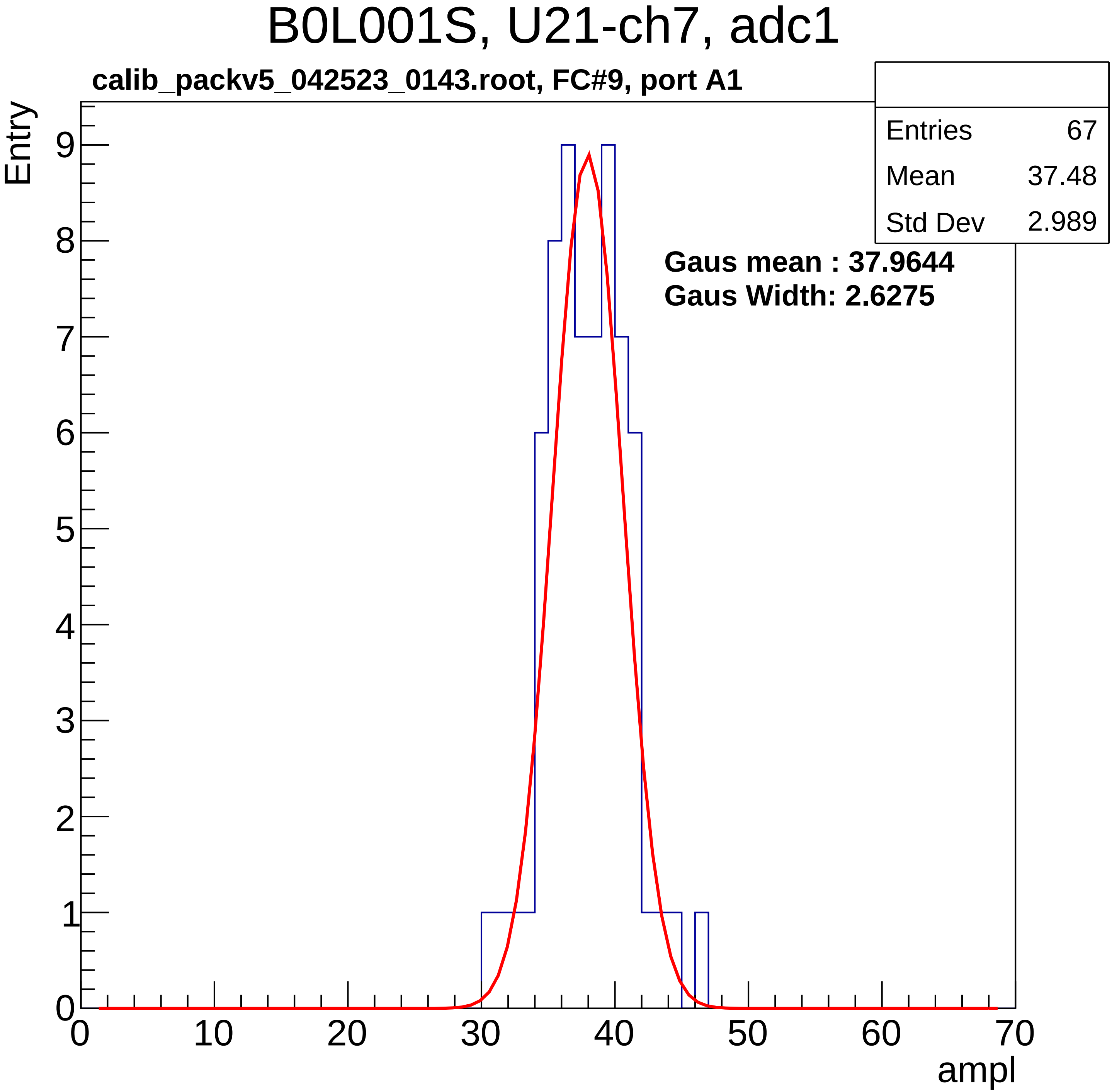
B0L001S, U21-ch6, adc7

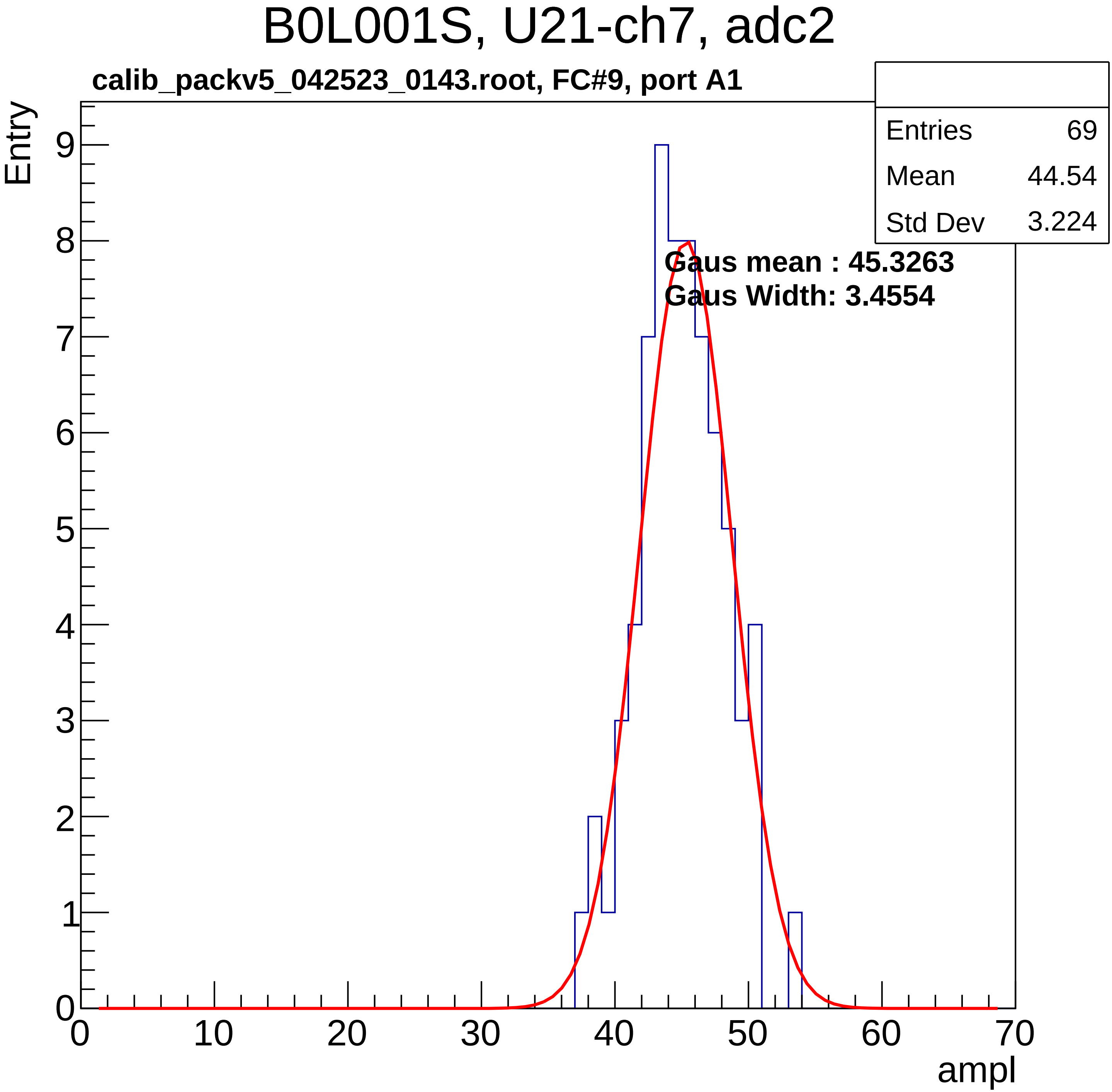


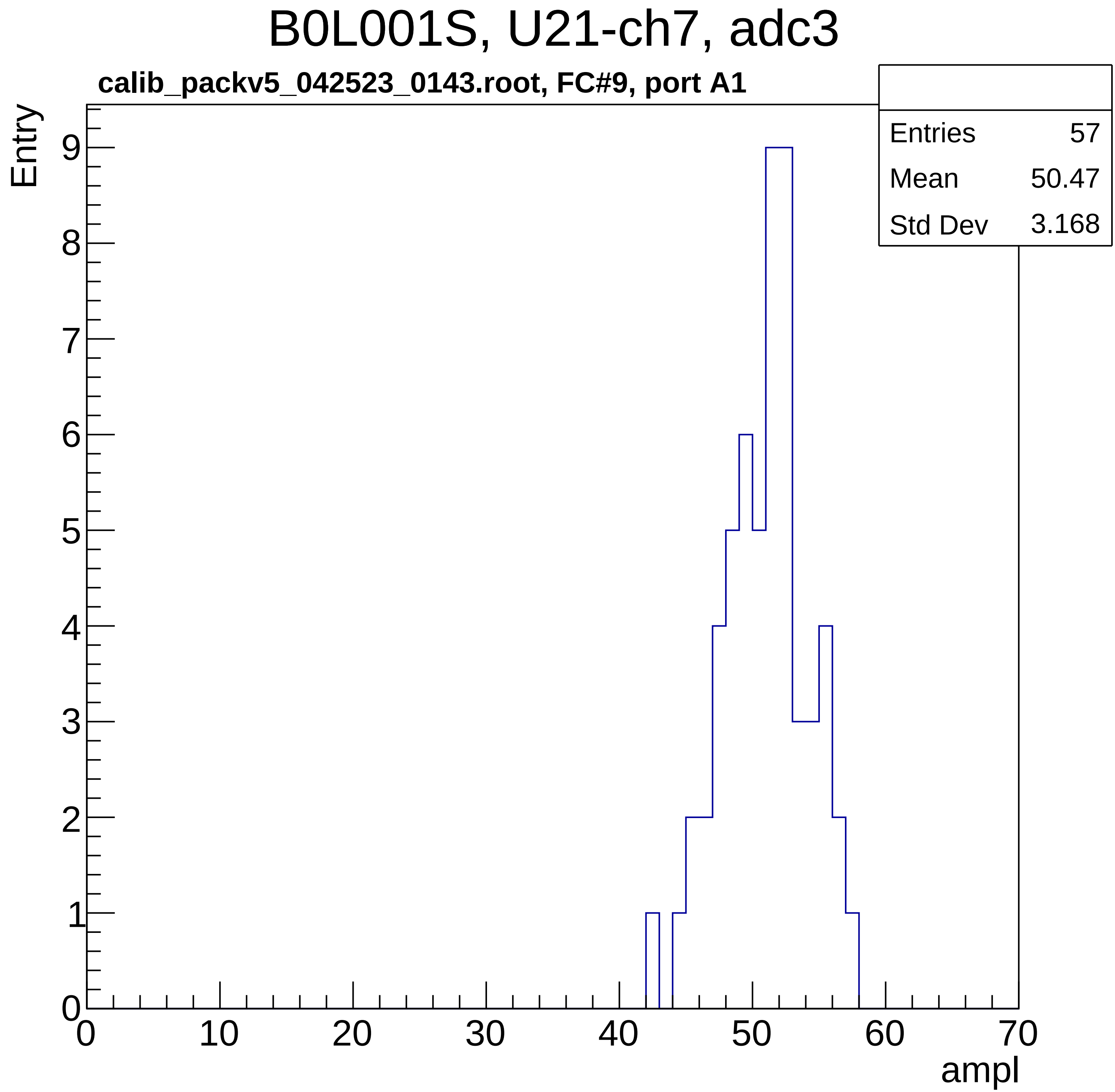
B0L001S, U21-ch7, adc0

calib_packv5_042523_0143.root, FC#9, port A1



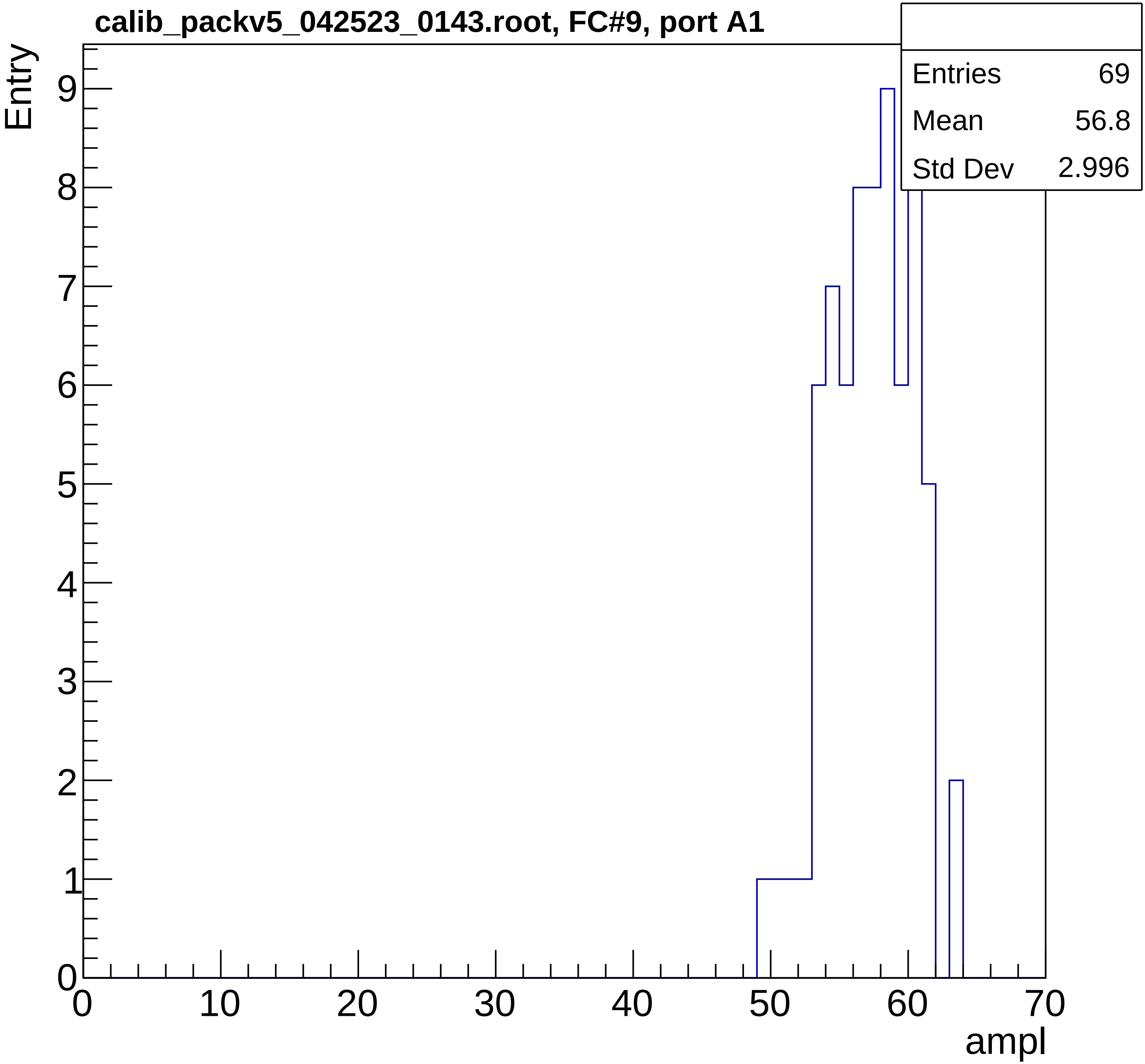

B0L001S, U21-ch7, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.48
Std Dev 2.989
Gaus mean : 37.9644
Gaus Width: 2.6275
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

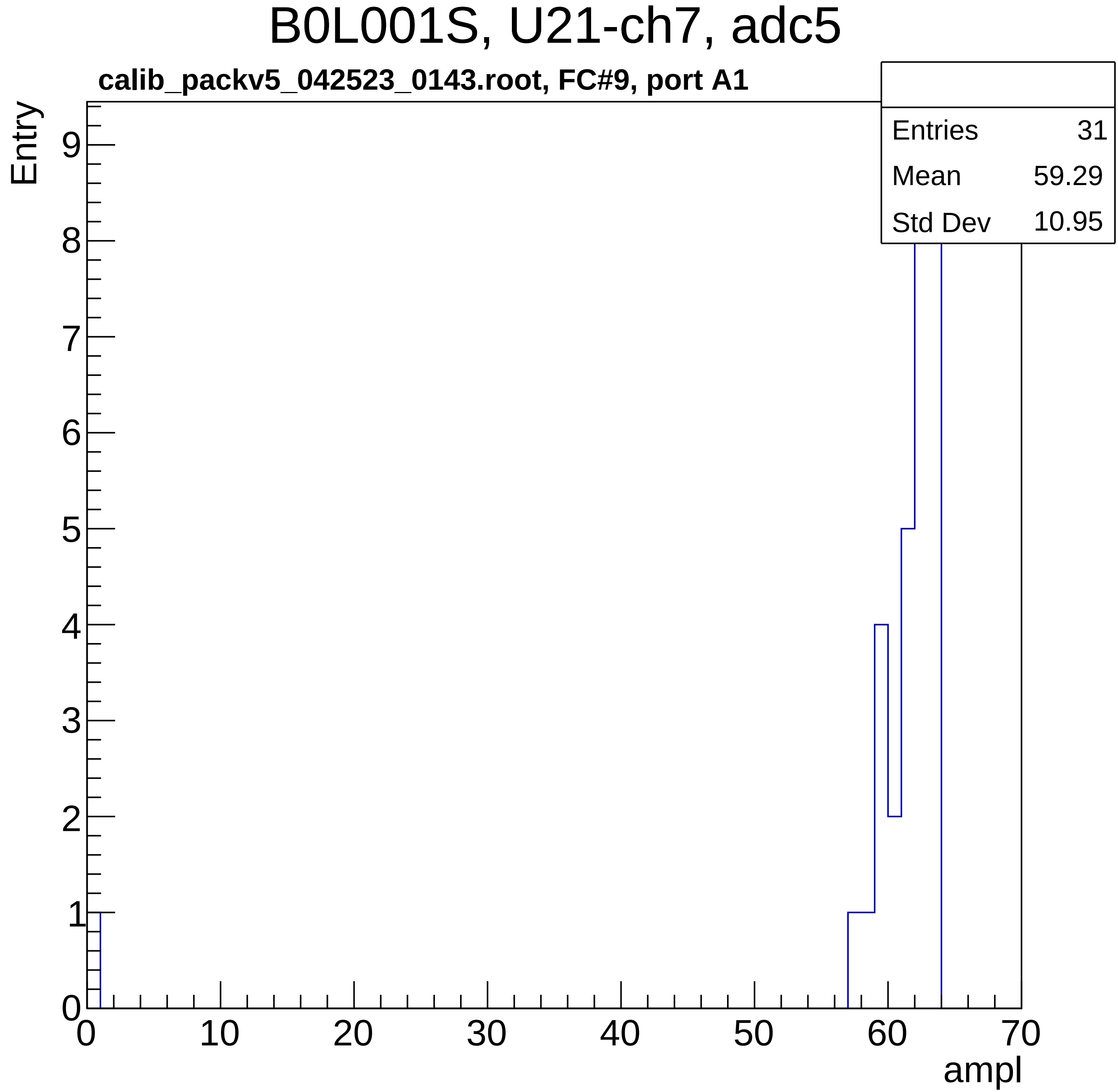

B0L001S, U21-ch7, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 69
Mean 44.54
Std Dev 3.224
Gaus mean : 45.3263
Gaus Width: 3.4554
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch7, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 50.47
Std Dev 3.168
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

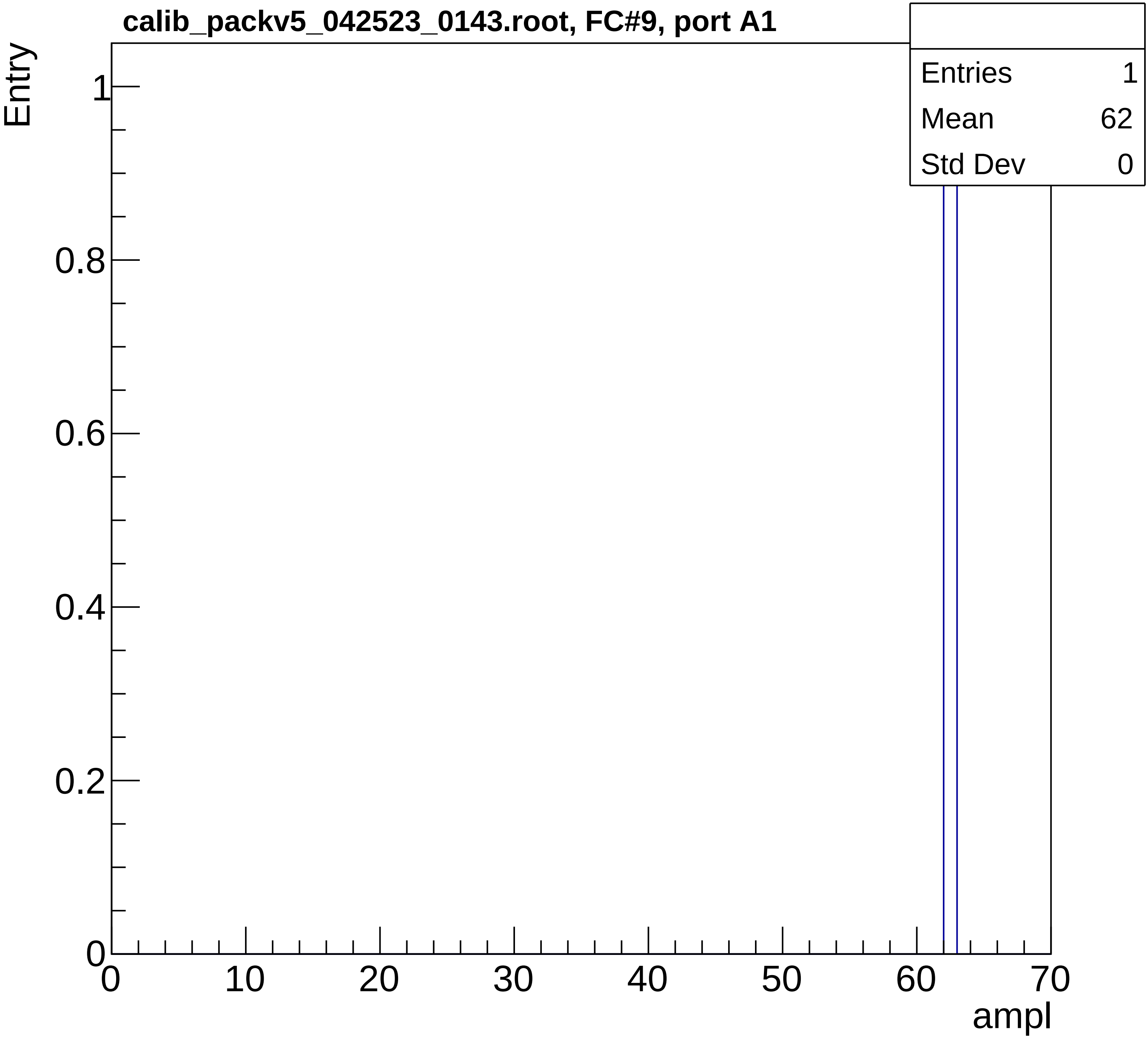
B0L001S, U21-ch7, adc4

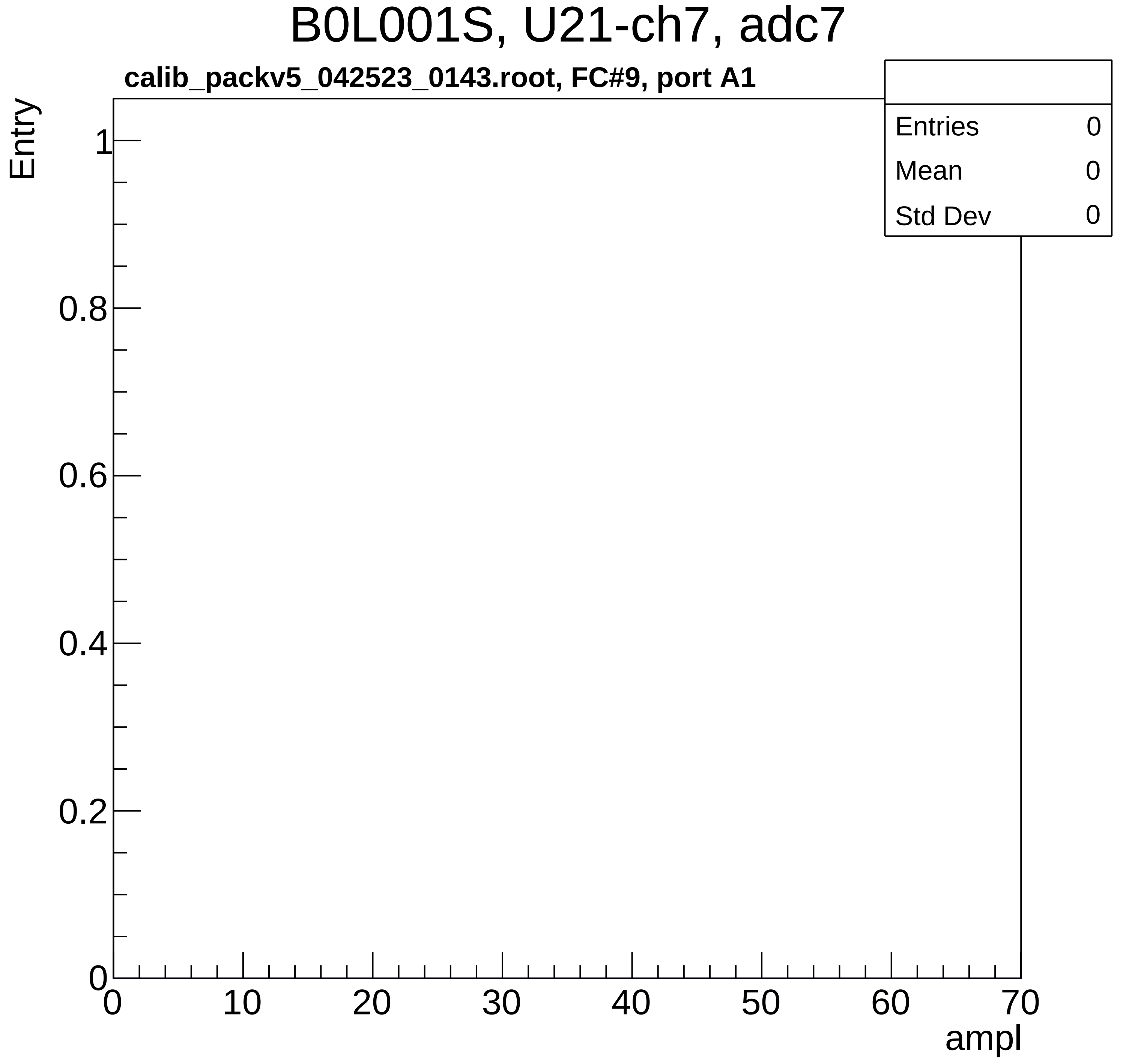
calib_packv5_042523_0143.root, FC#9, port A1

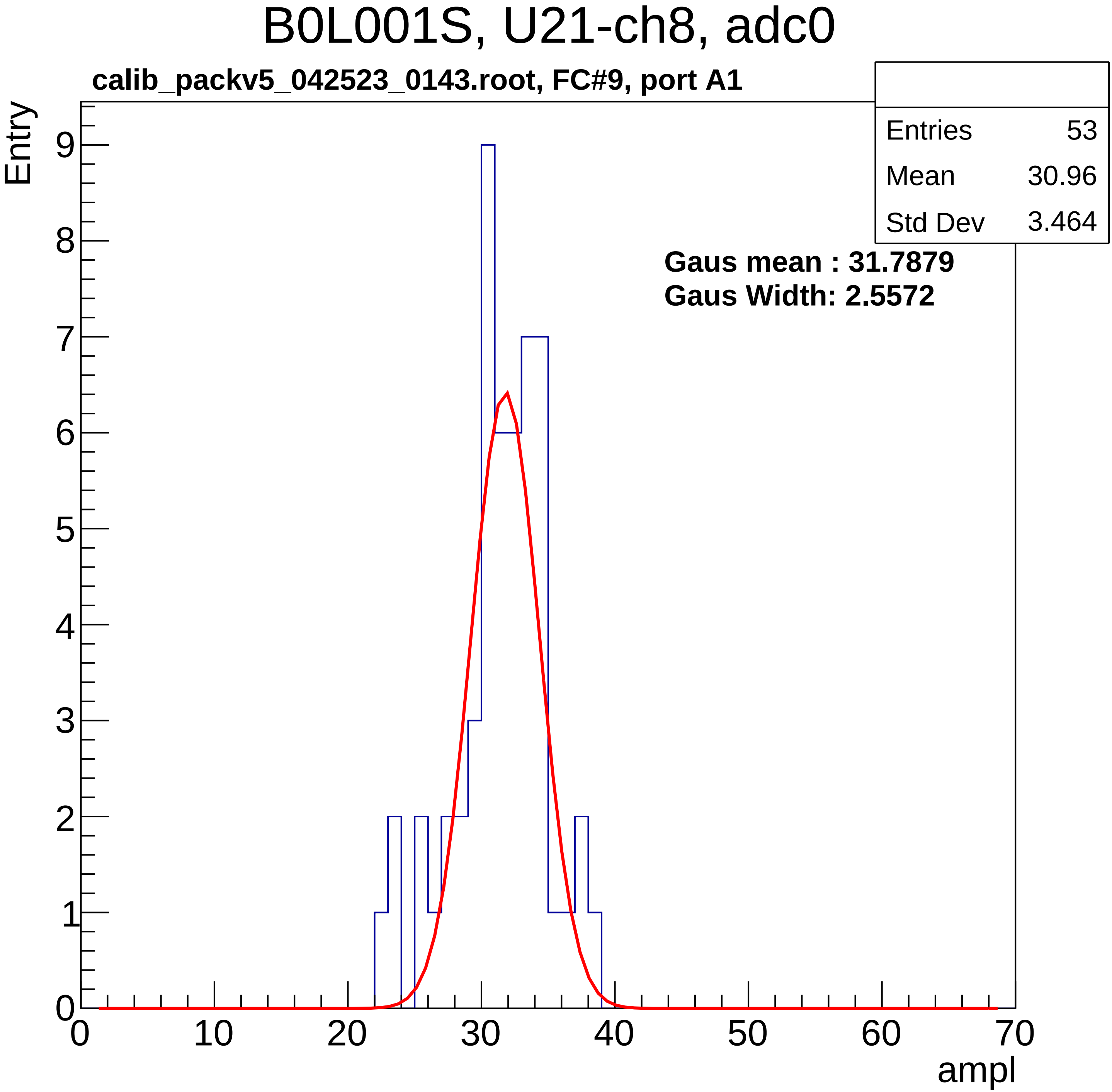


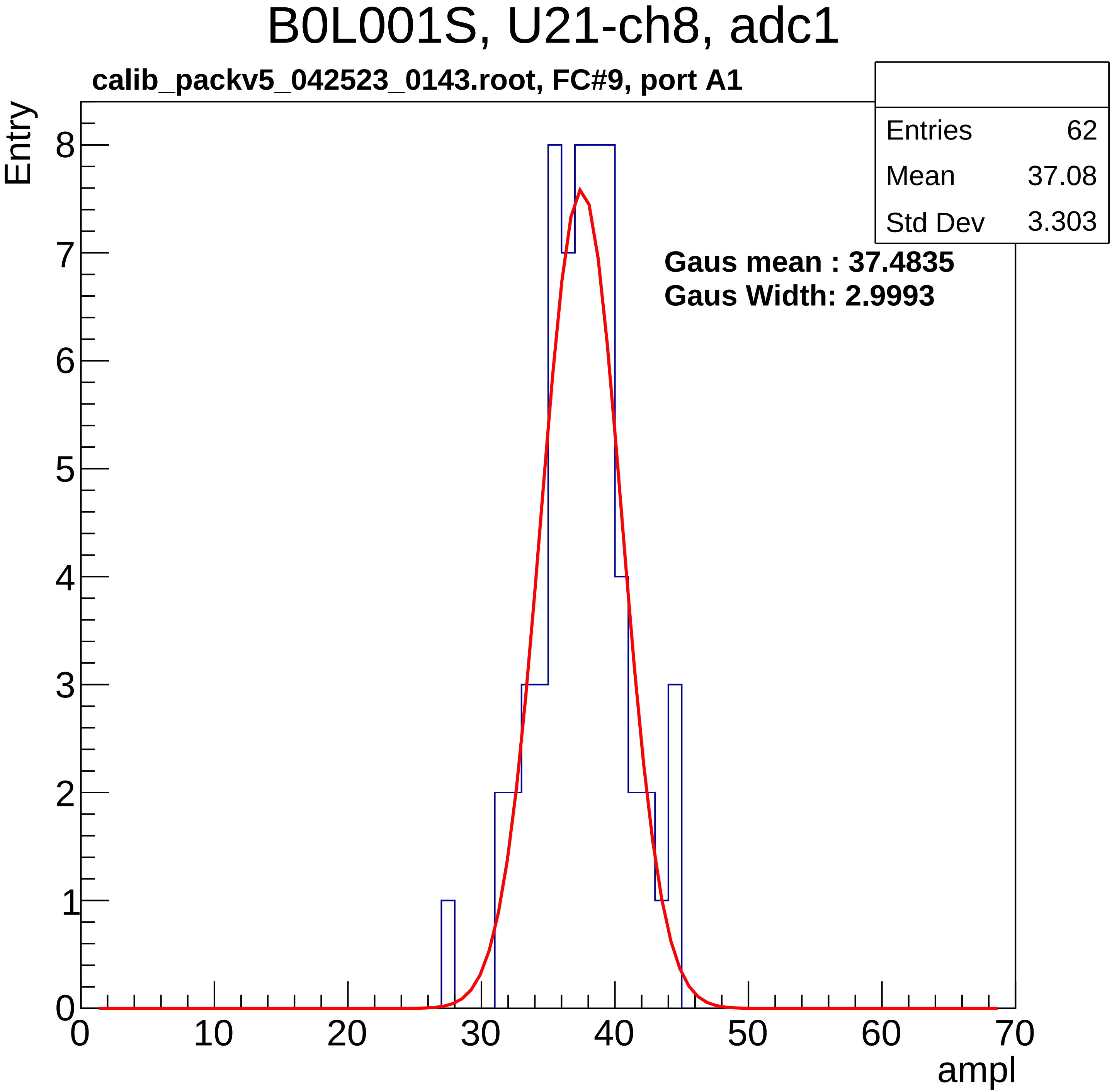

B0L001S, U21-ch7, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 31
Mean 59.29
Std Dev 10.95
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

B0L001S, U21-ch7, adc6



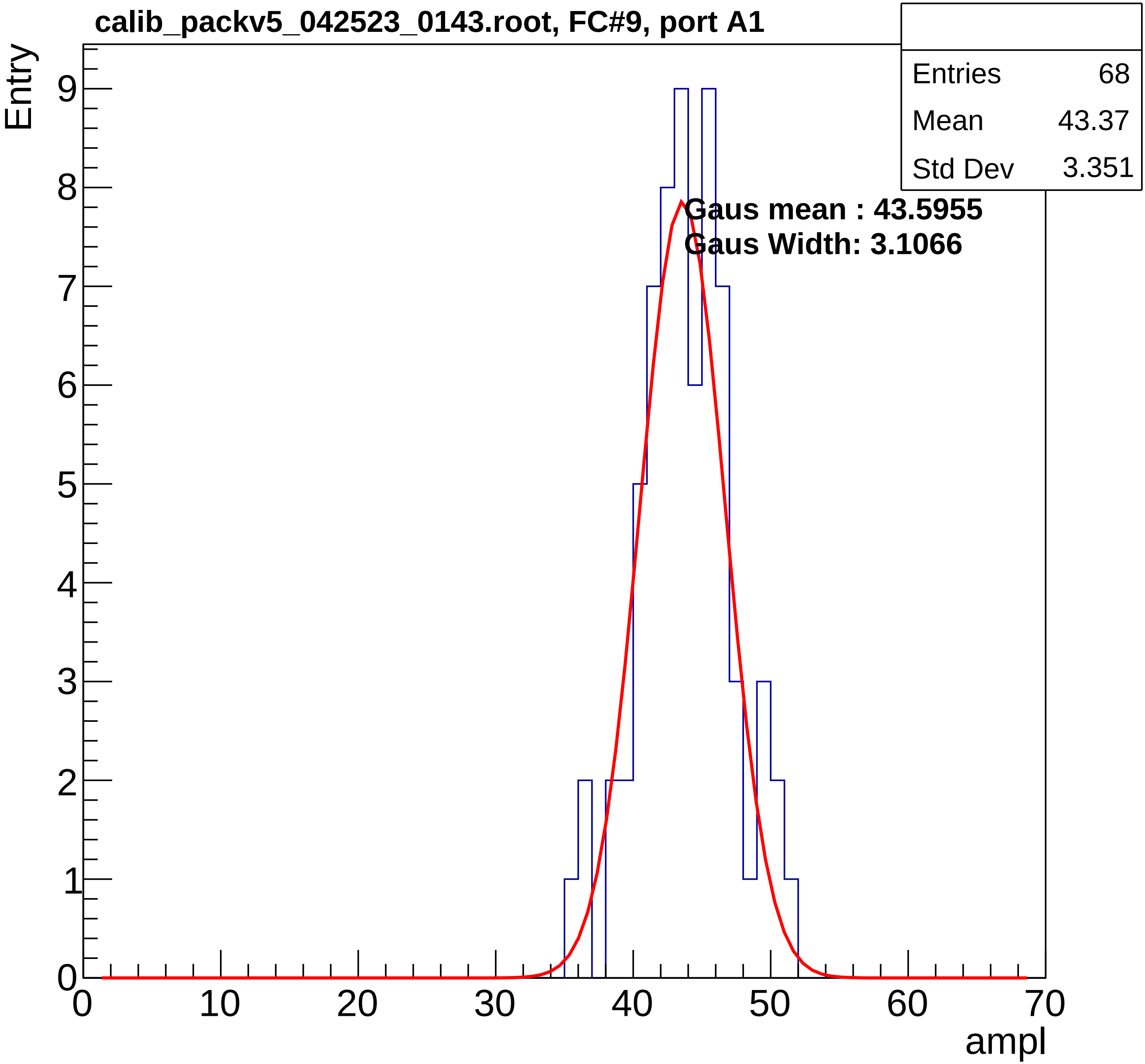

B0L001S, U21-ch7, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch8, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 30.96
Std Dev 3.464
Gaus mean : 31.7879
Gaus Width: 2.5572
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

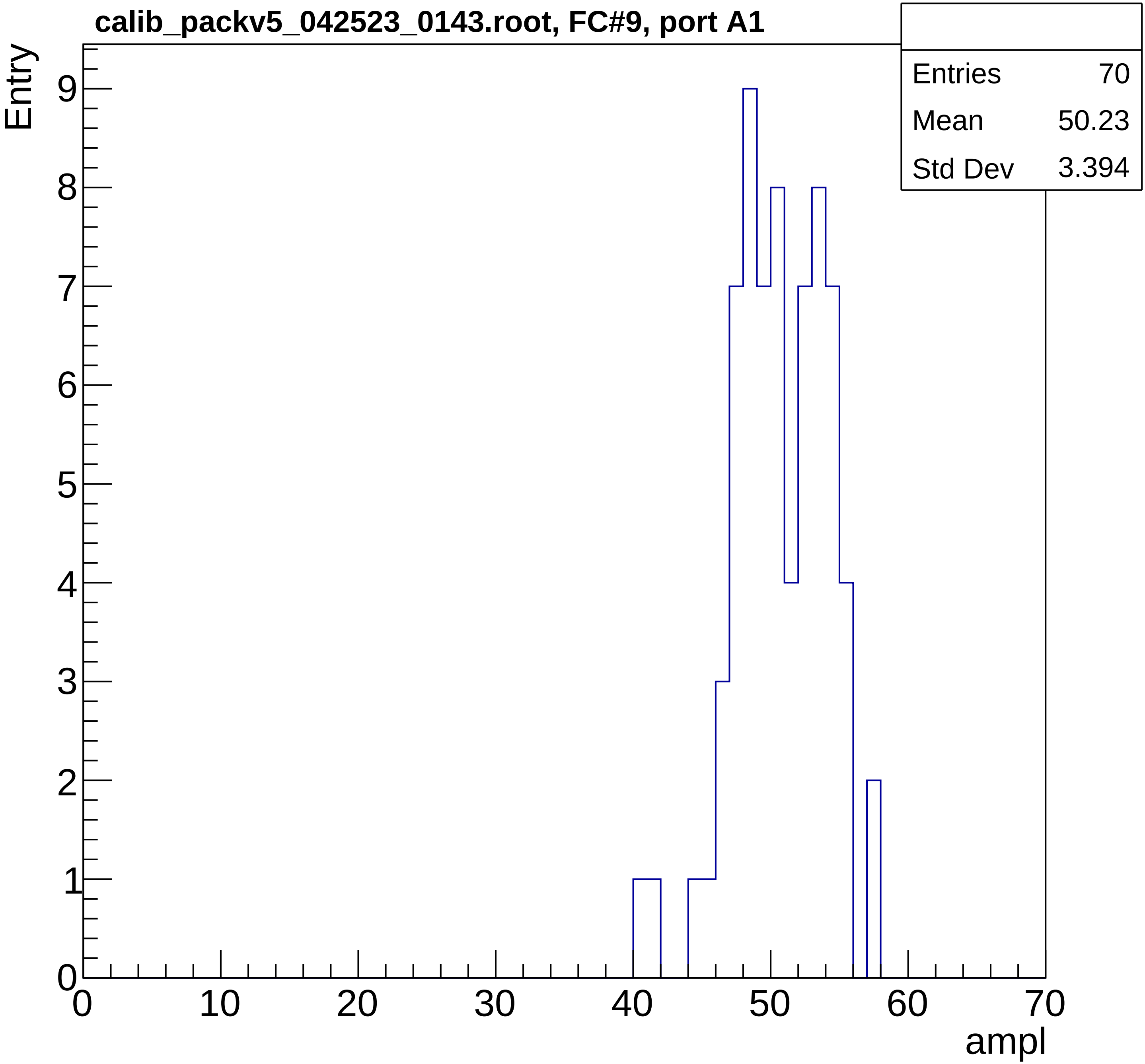

B0L001S, U21-ch8, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 37.08
Std Dev 3.303
Gaus mean : 37.4835
Gaus Width: 2.9993
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch8, adc2

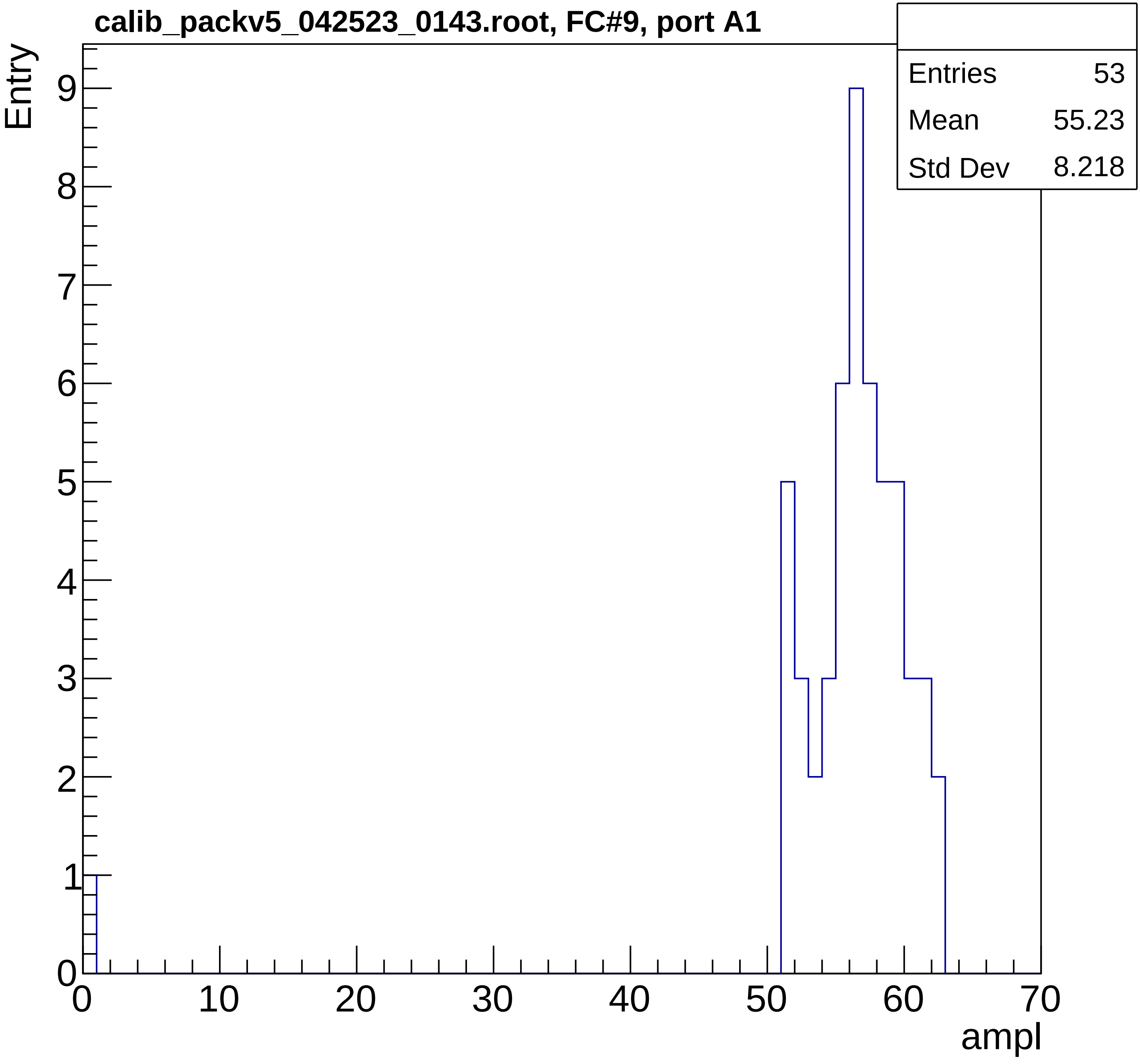
calib_packv5_042523_0143.root, FC#9, port A1

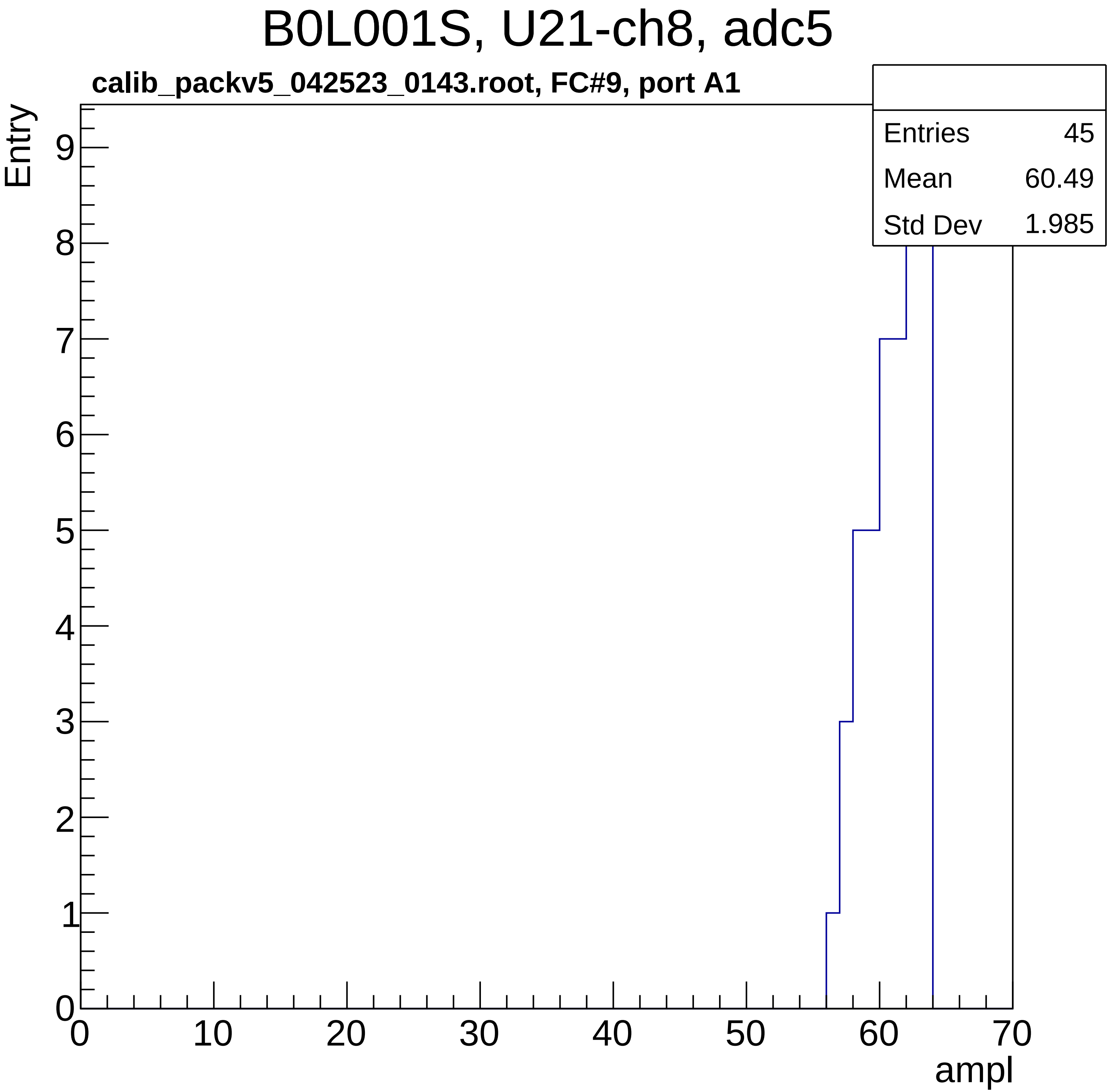


B0L001S, U21-ch8, adc3

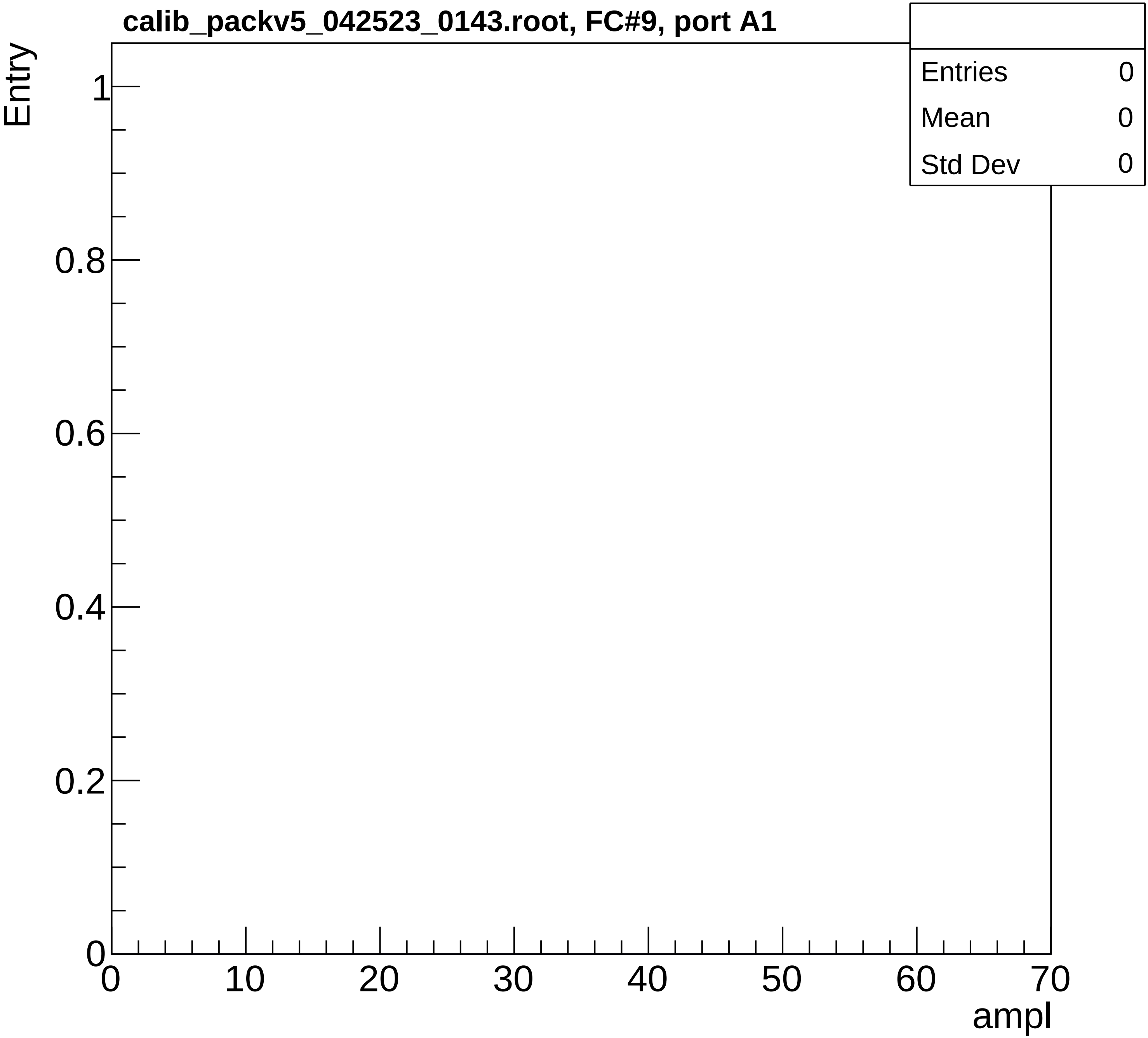


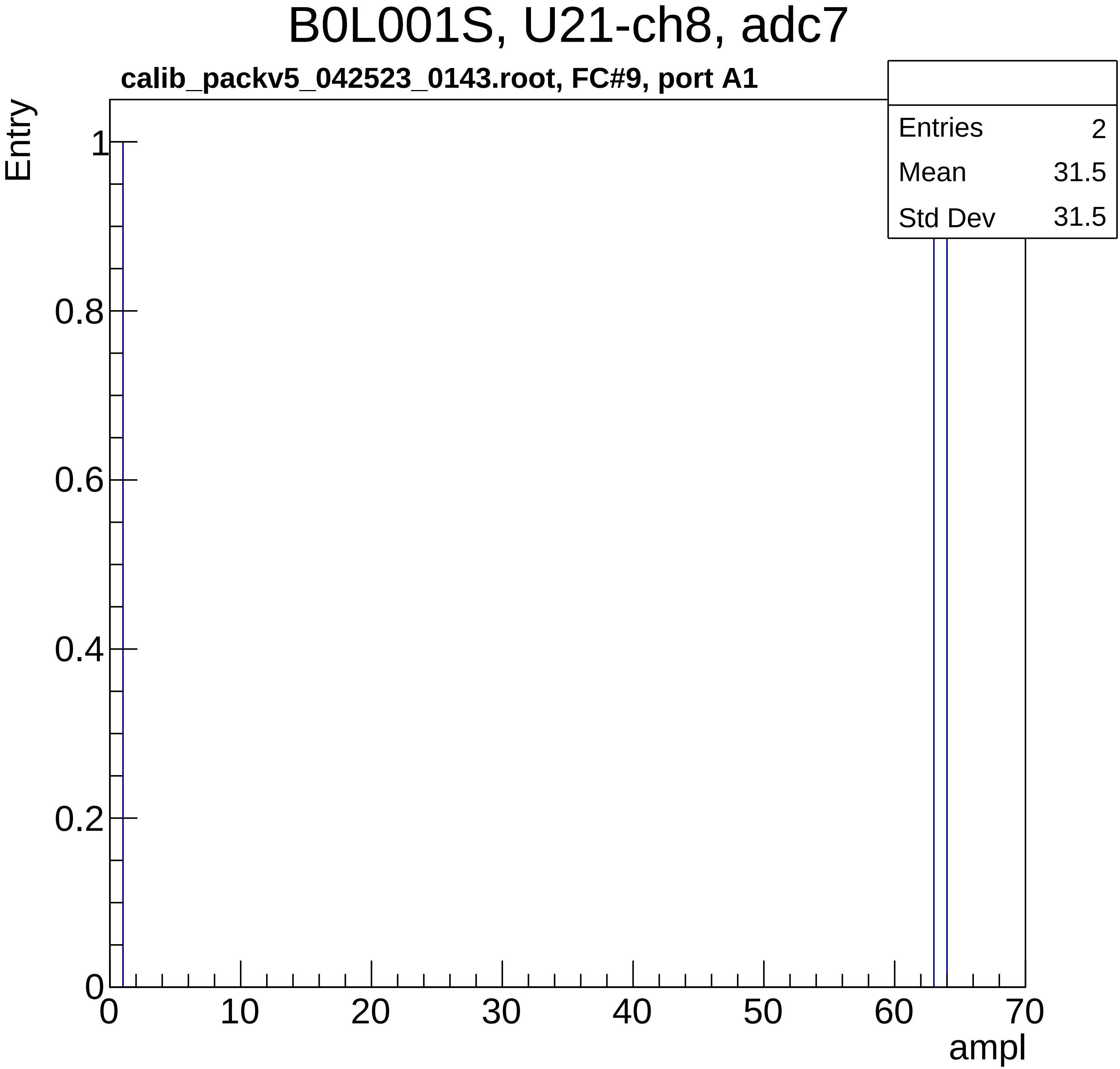
B0L001S, U21-ch8, adc4




B0L001S, U21-ch8, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 60.49
Std Dev 1.985
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

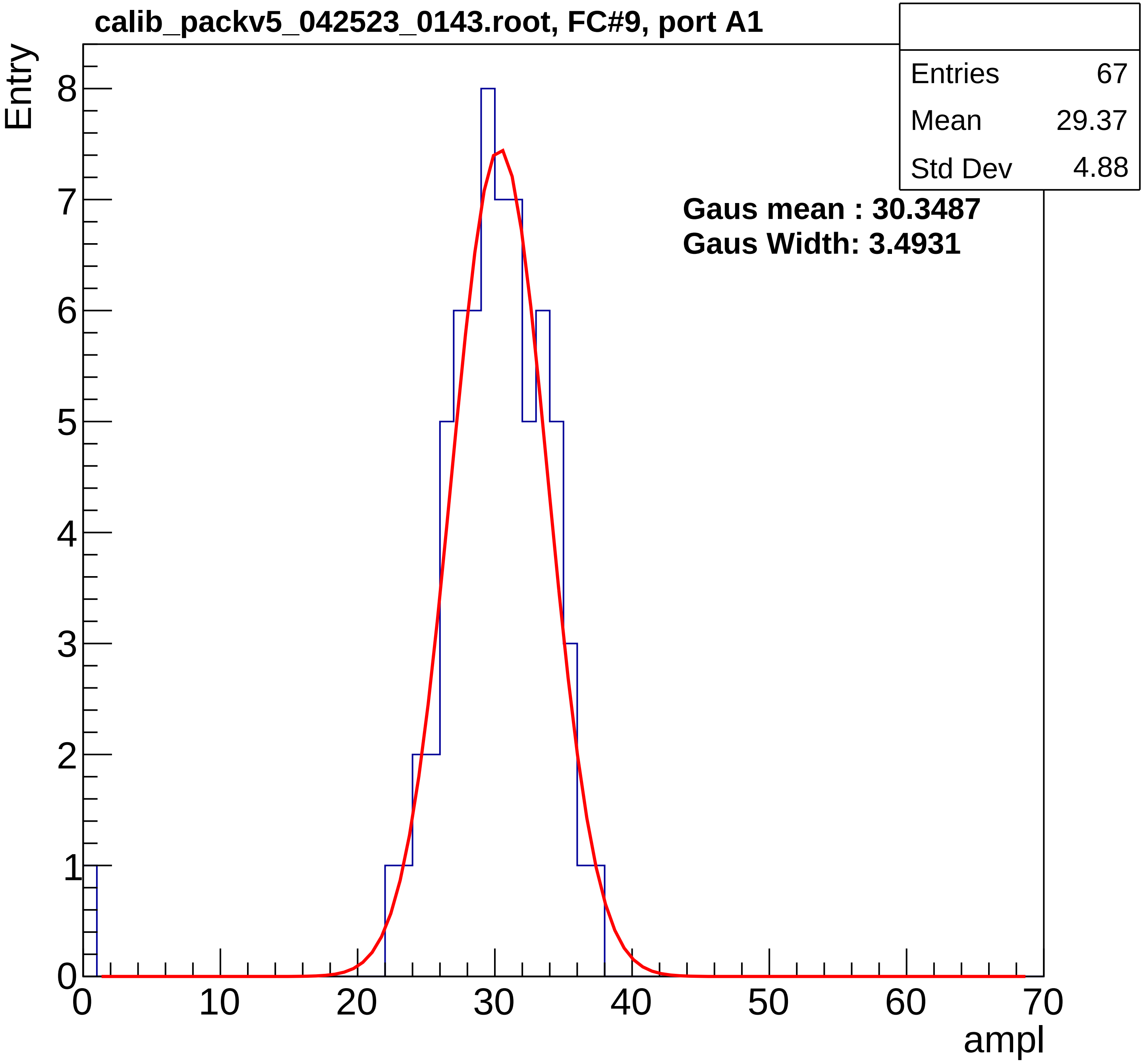
B0L001S, U21-ch8, adc6

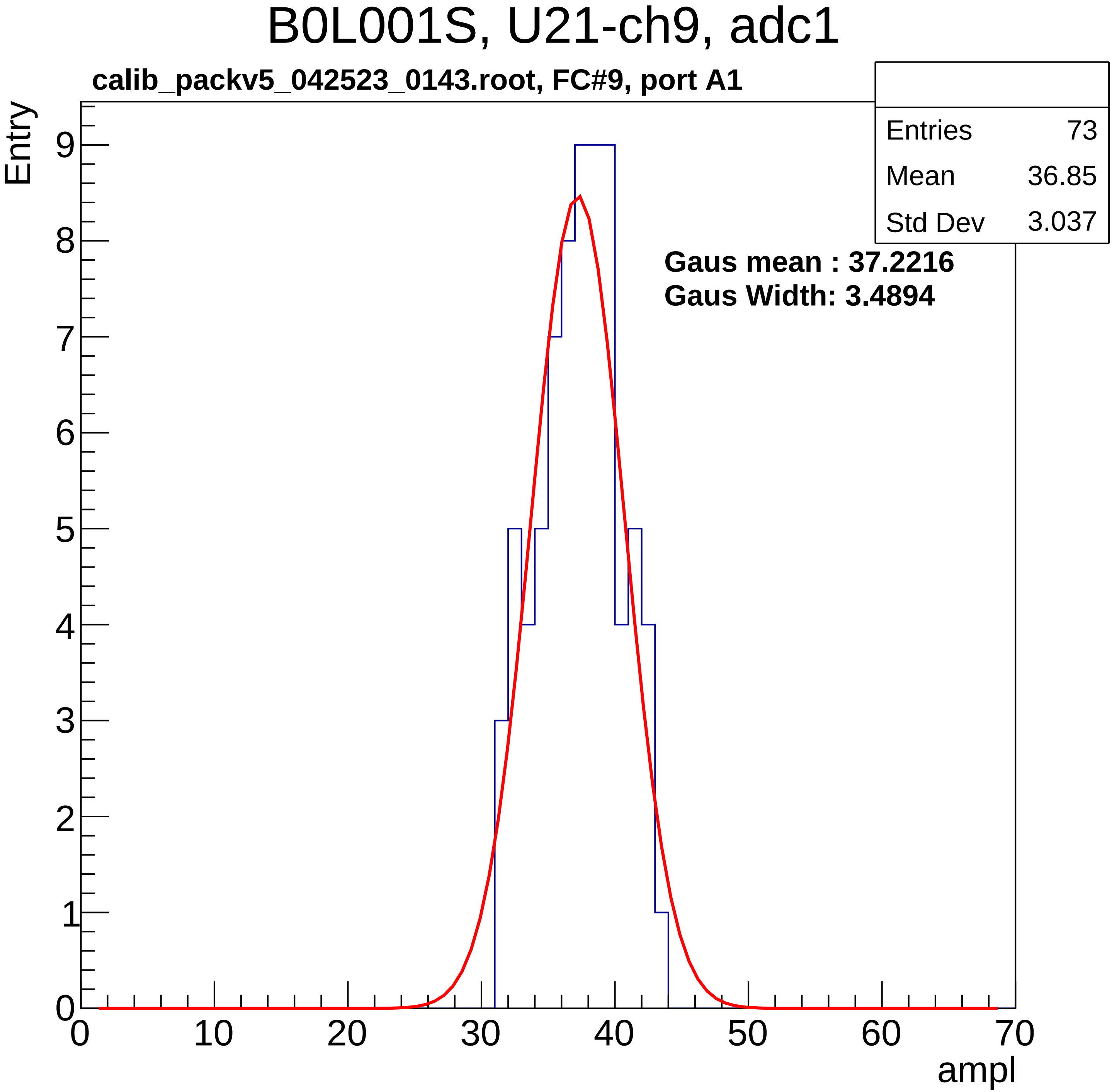


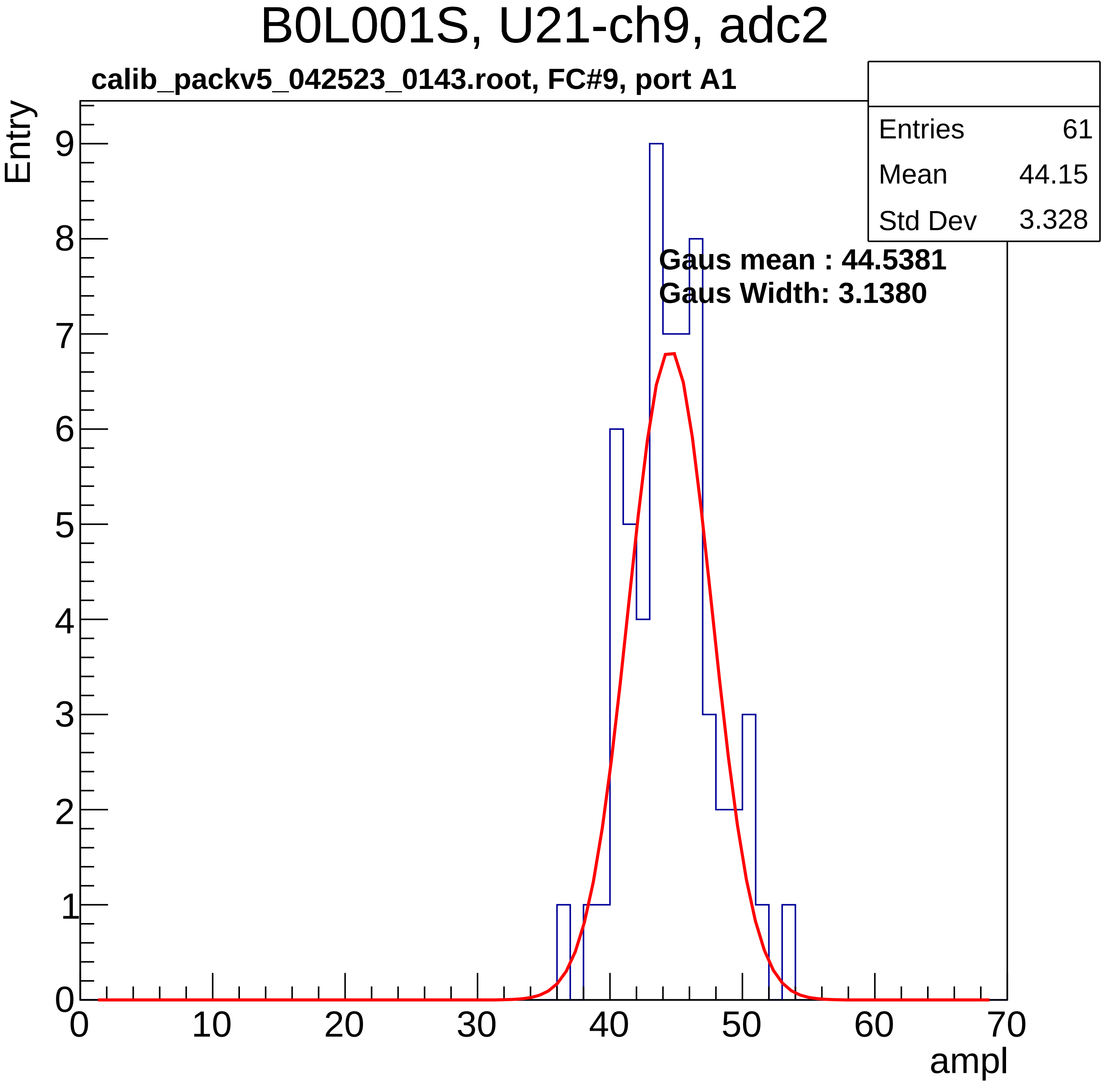

B0L001S, U21-ch8, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

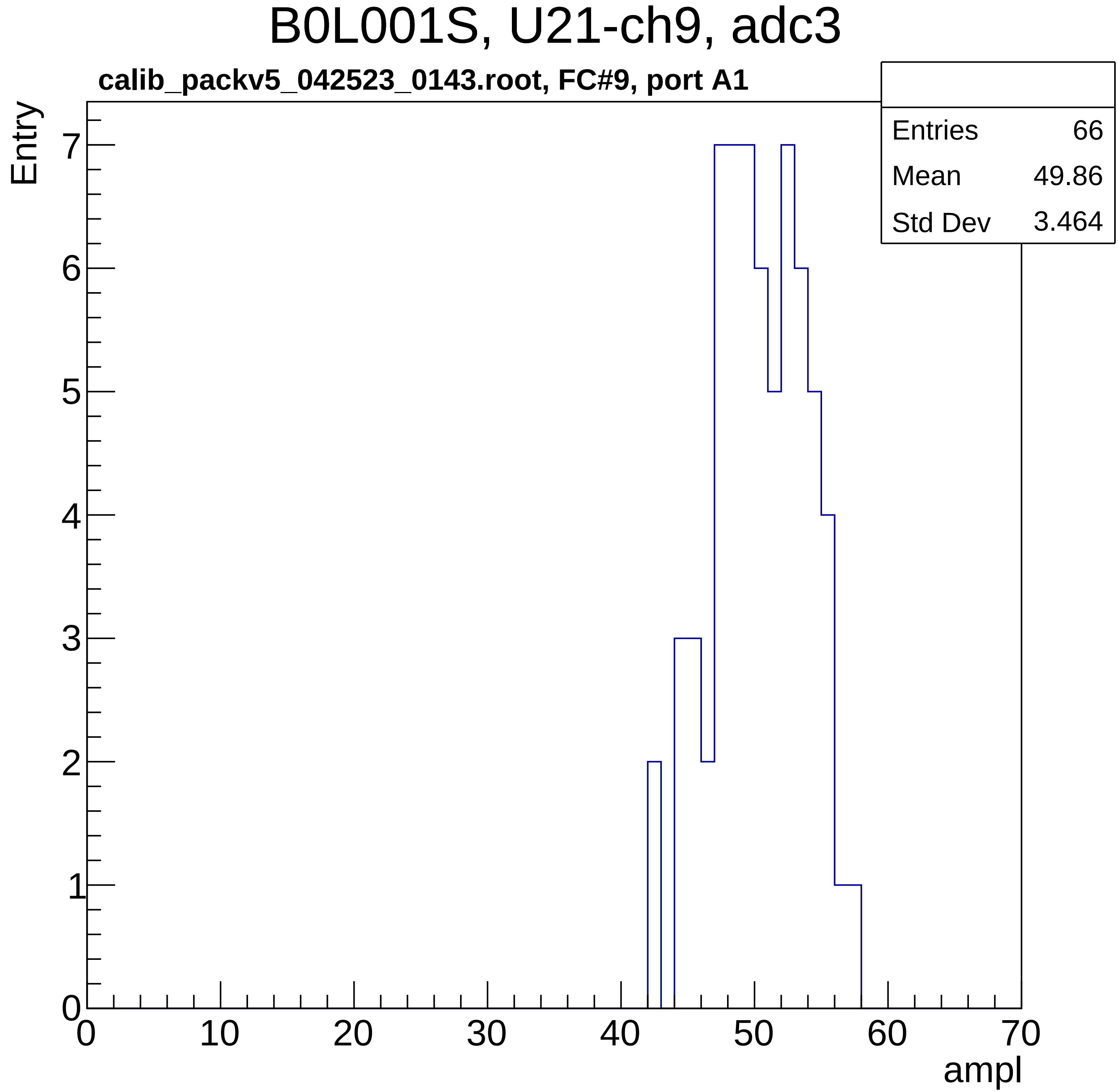
B0L001S, U21-ch9, adc0

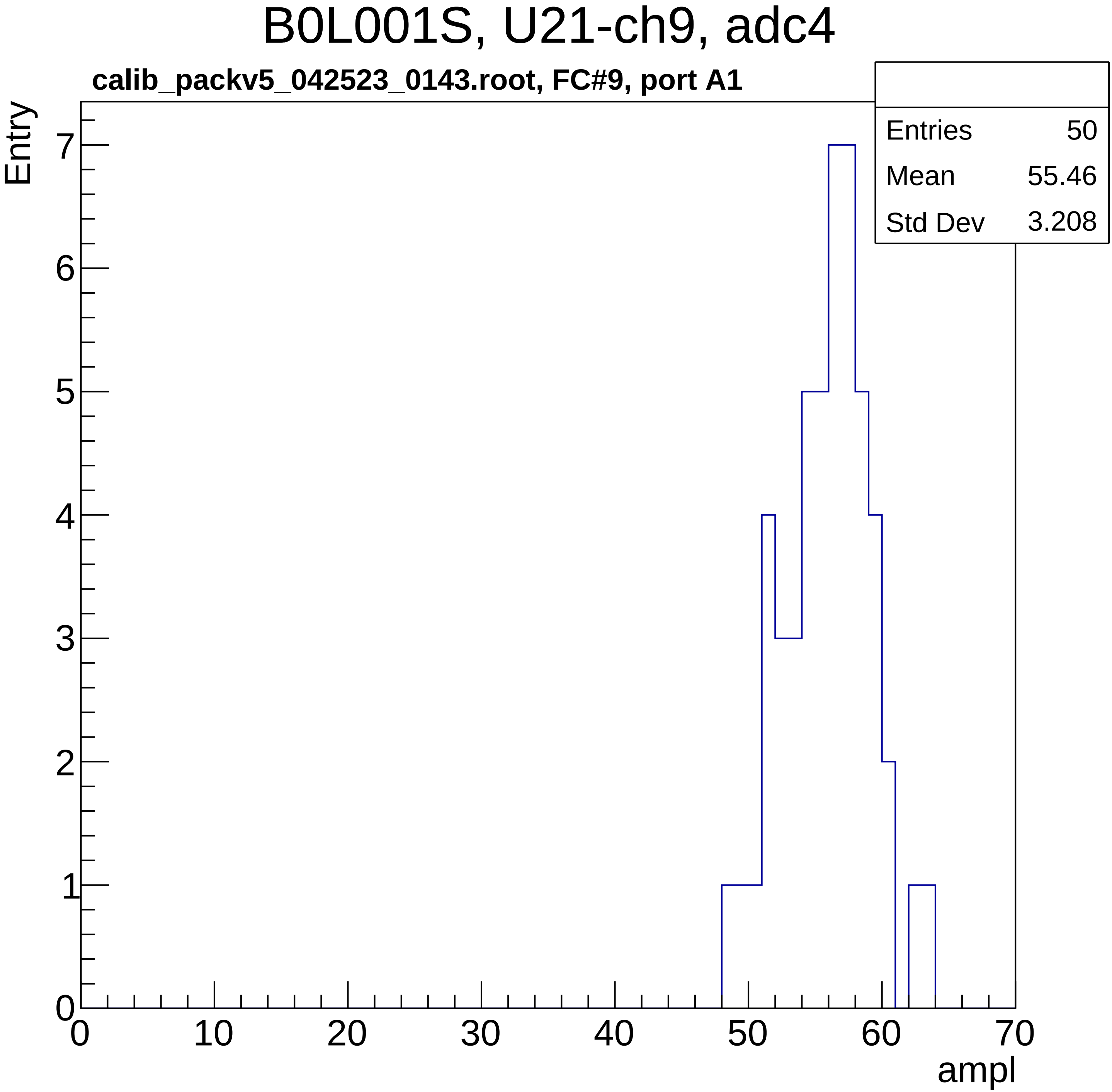
calib_packv5_042523_0143.root, FC#9, port A1

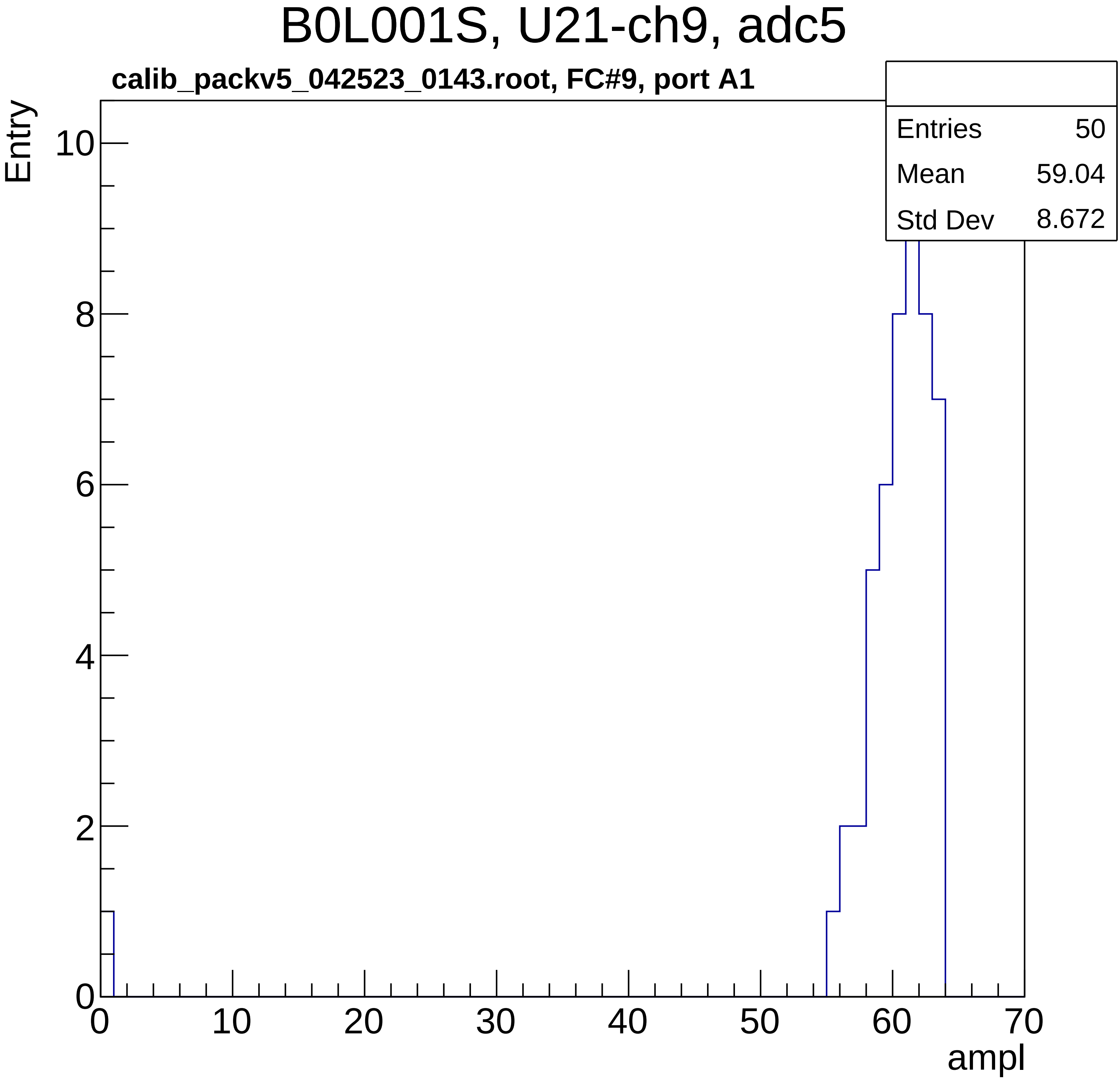


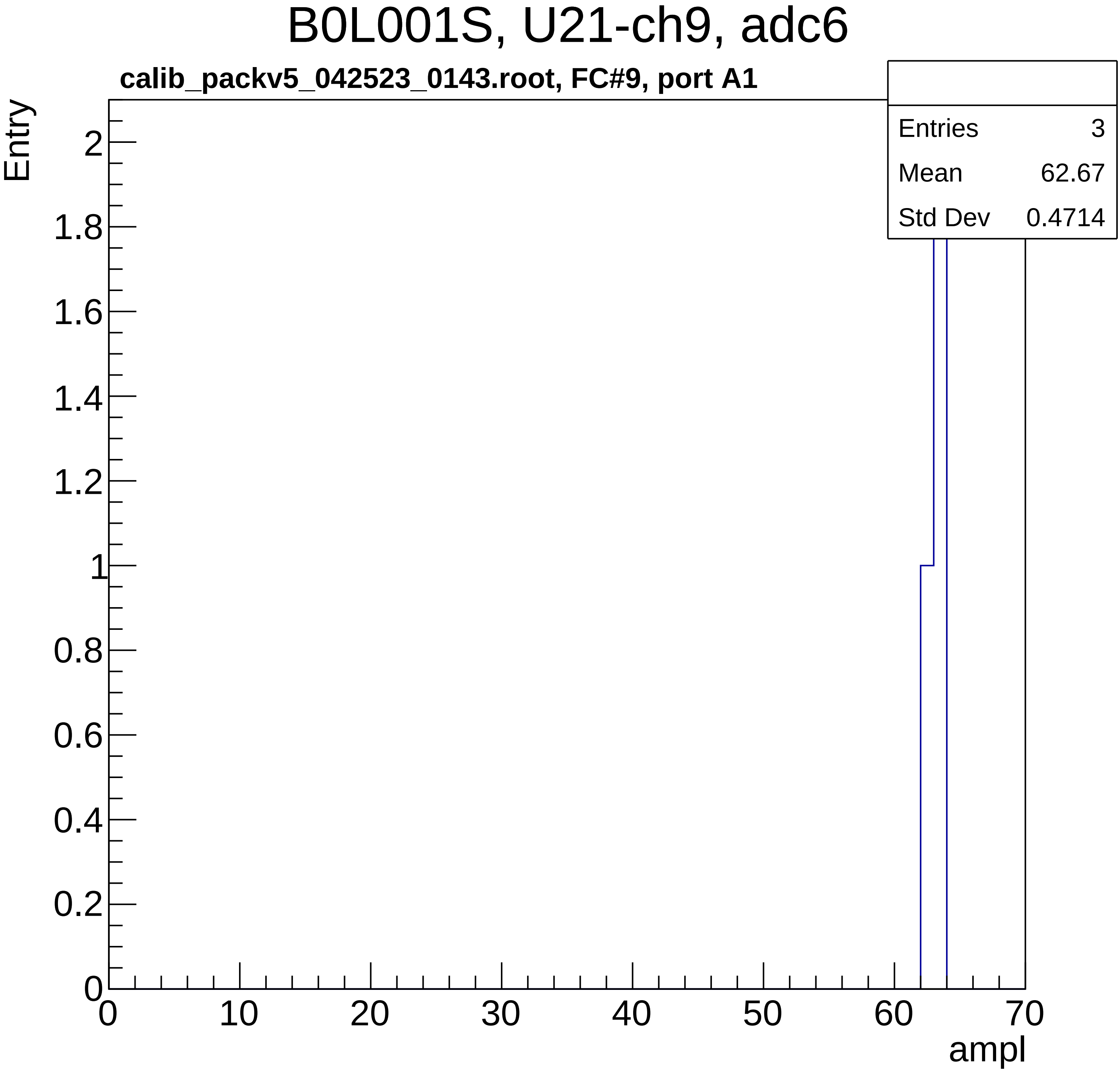

B0L001S, U21-ch9, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 36.85
Std Dev 3.037
Gaus mean : 37.2216
Gaus Width: 3.4894
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

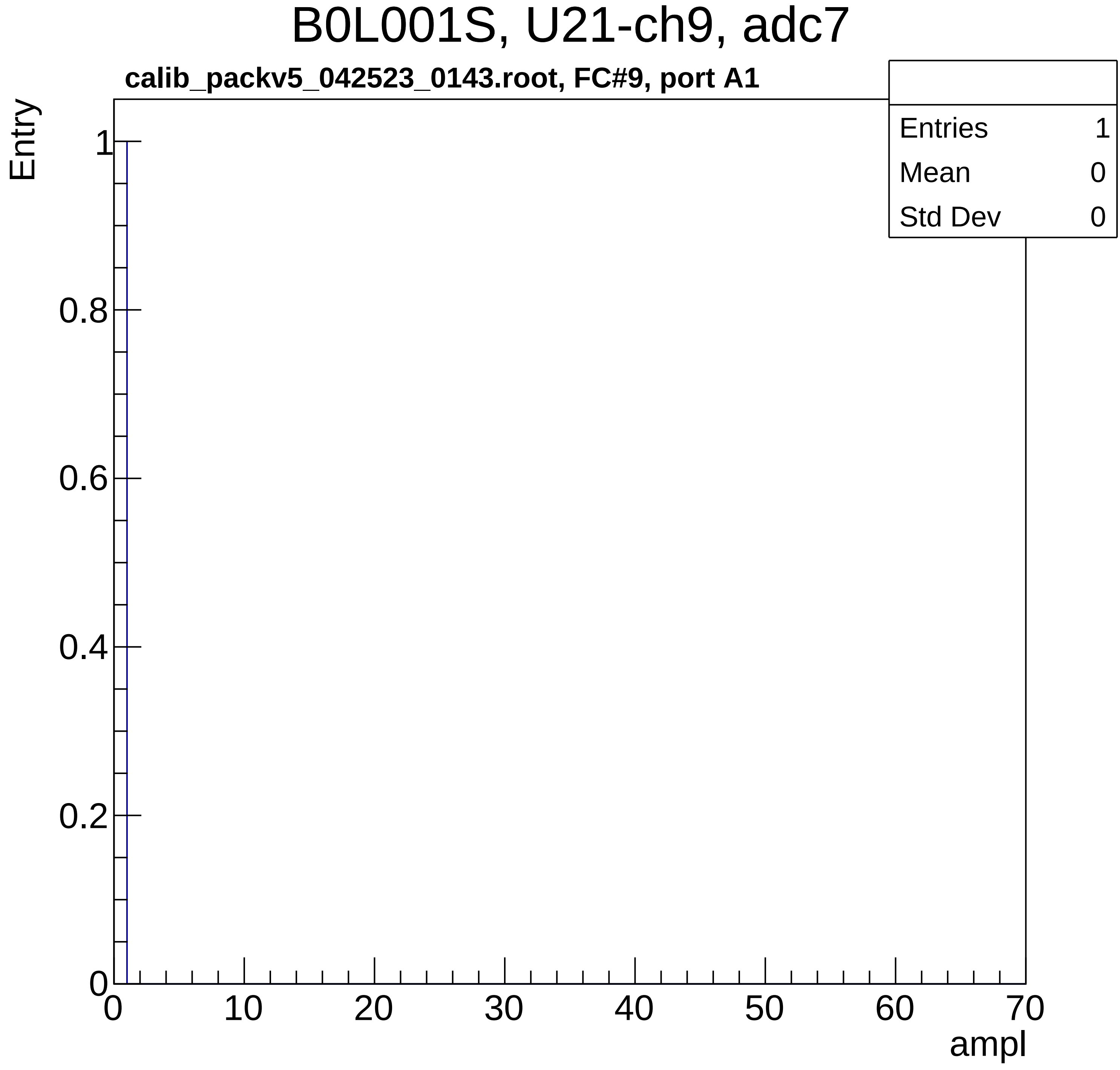

B0L001S, U21-ch9, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 44.15
Std Dev 3.328
Gaus mean : 44.5381
Gaus Width: 3.1380
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

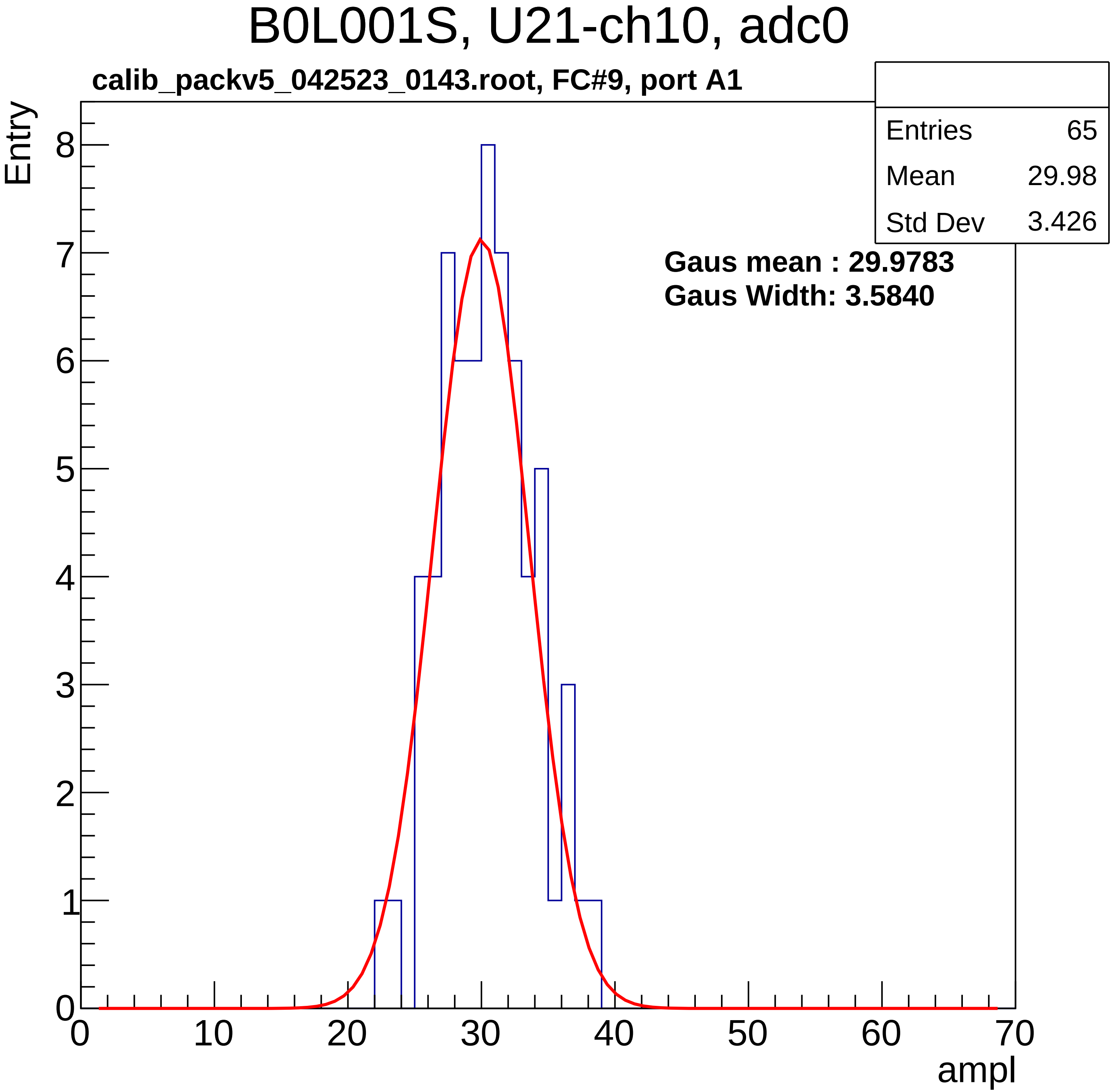

B0L001S, U21-ch9, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 49.86
Std Dev 3.464
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

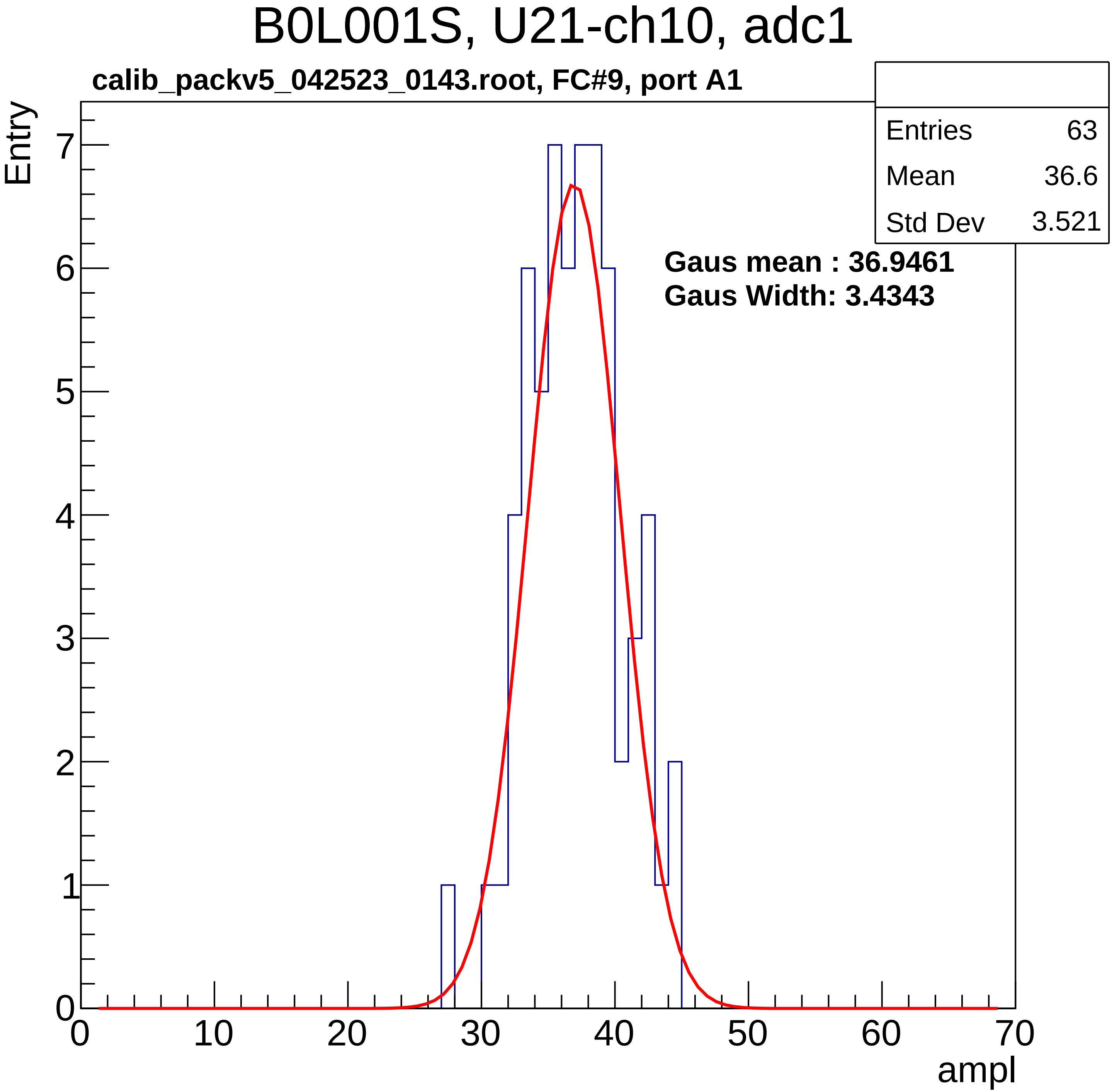

B0L001S, U21-ch9, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 55.46
Std Dev 3.208
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch9, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 50
Mean 59.04
Std Dev 8.672
0
2
4
6
8
10
0
10
20
30
40
50
60
70

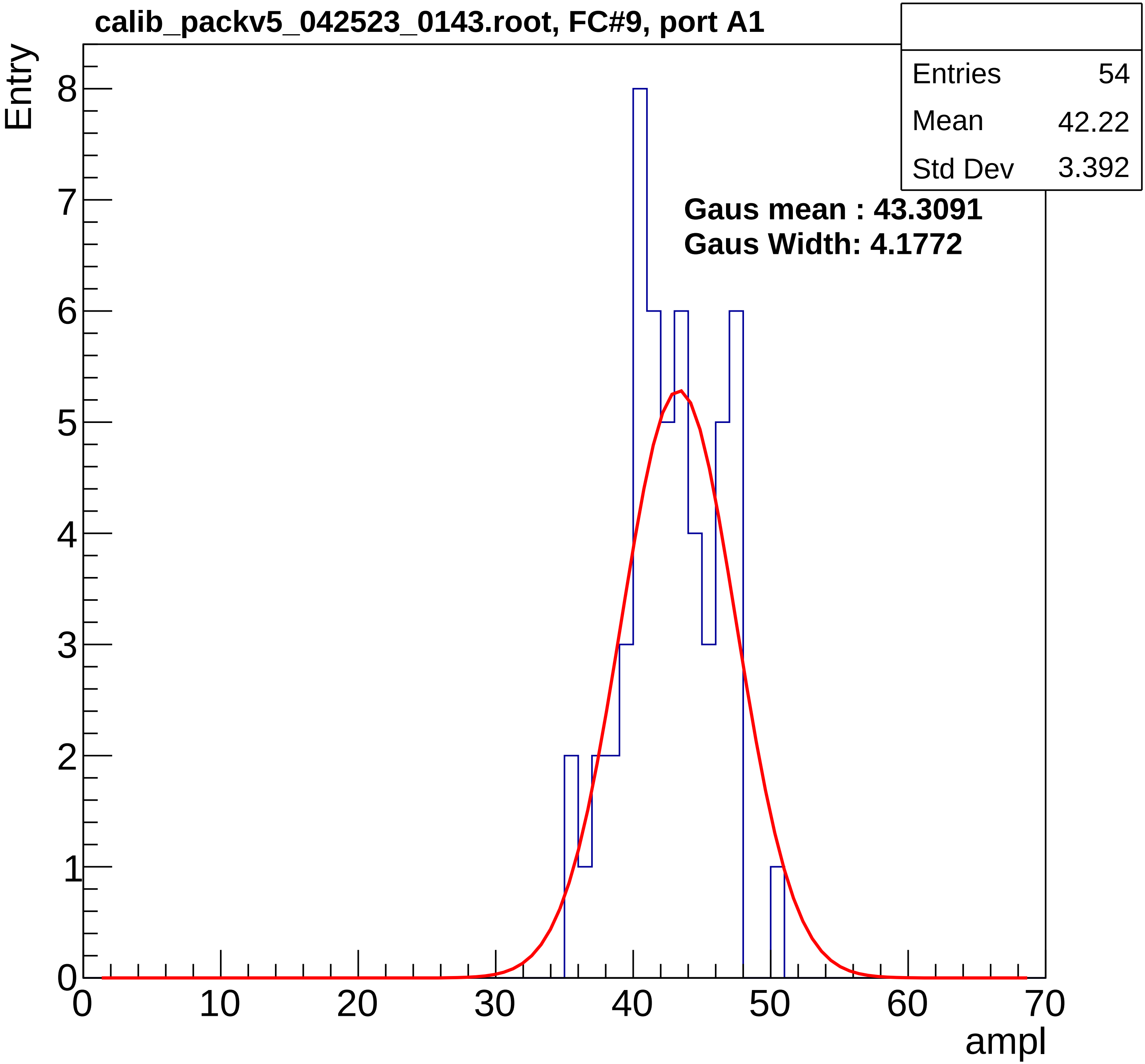

B0L001S, U21-ch9, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch9, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

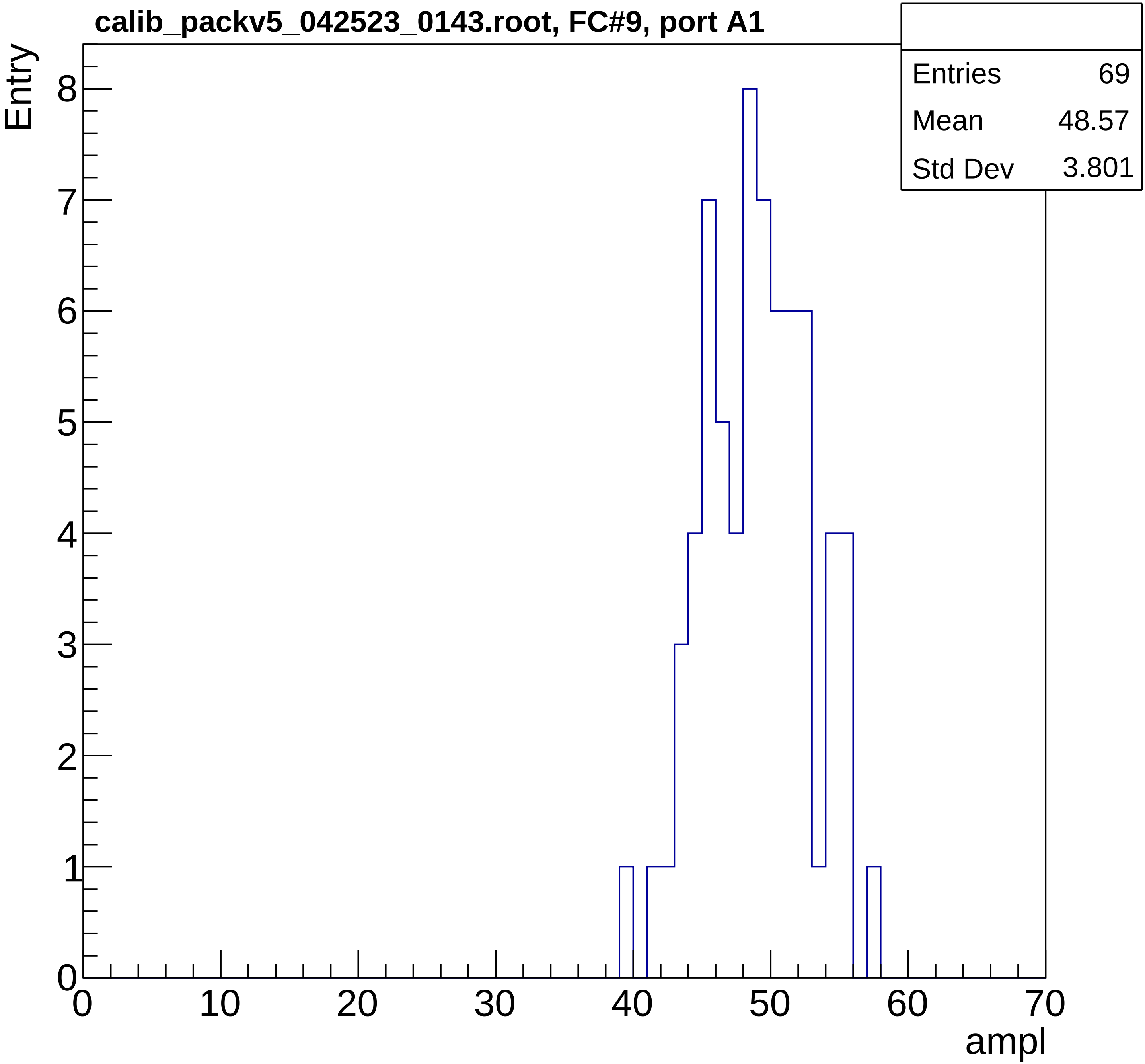

B0L001S, U21-ch10, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 29.98
Std Dev 3.426
Gaus mean : 29.9783
Gaus Width: 3.5840
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

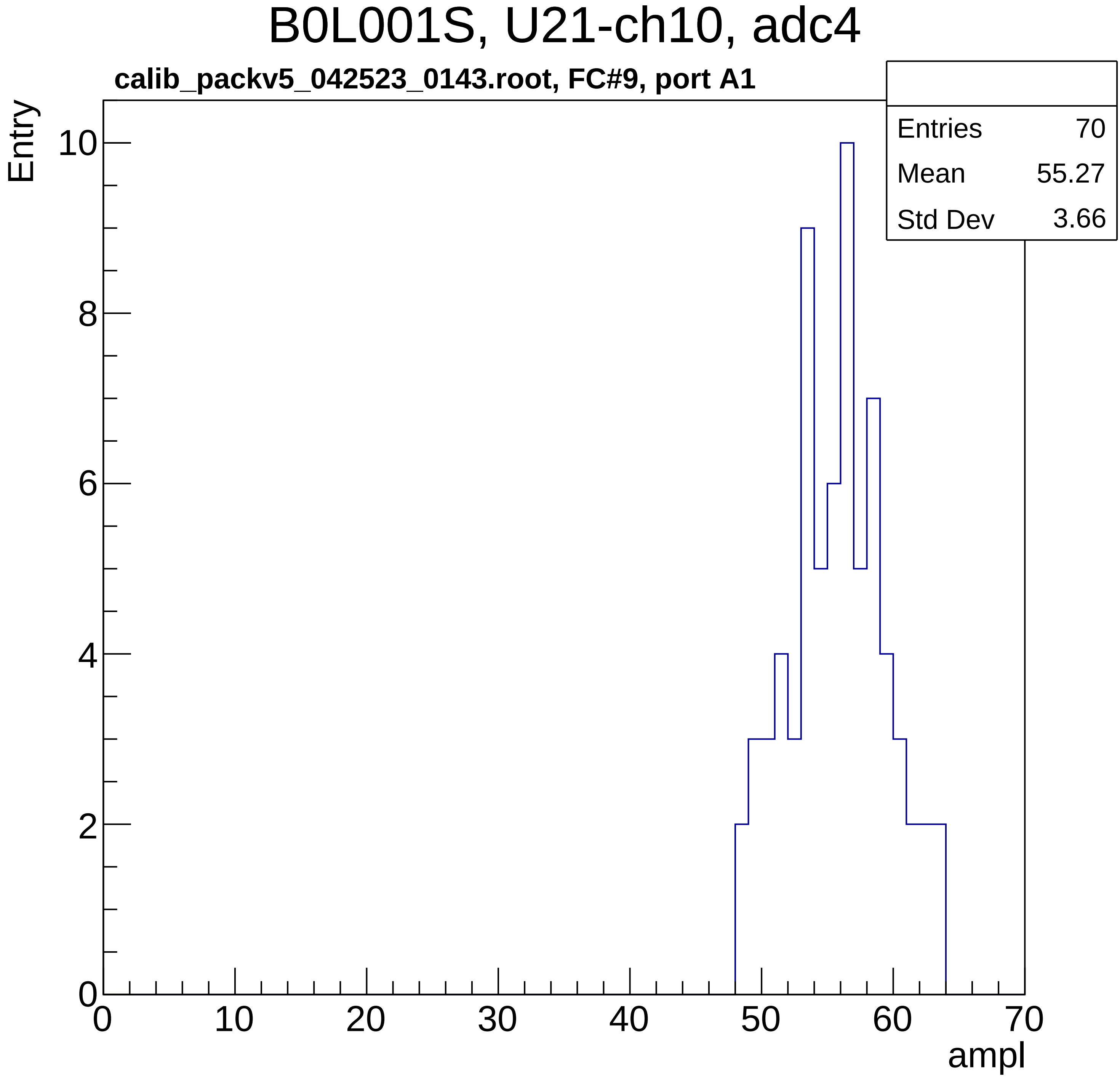

B0L001S, U21-ch10, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 36.6
Std Dev 3.521
Gaus mean : 36.9461
Gaus Width: 3.4343
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

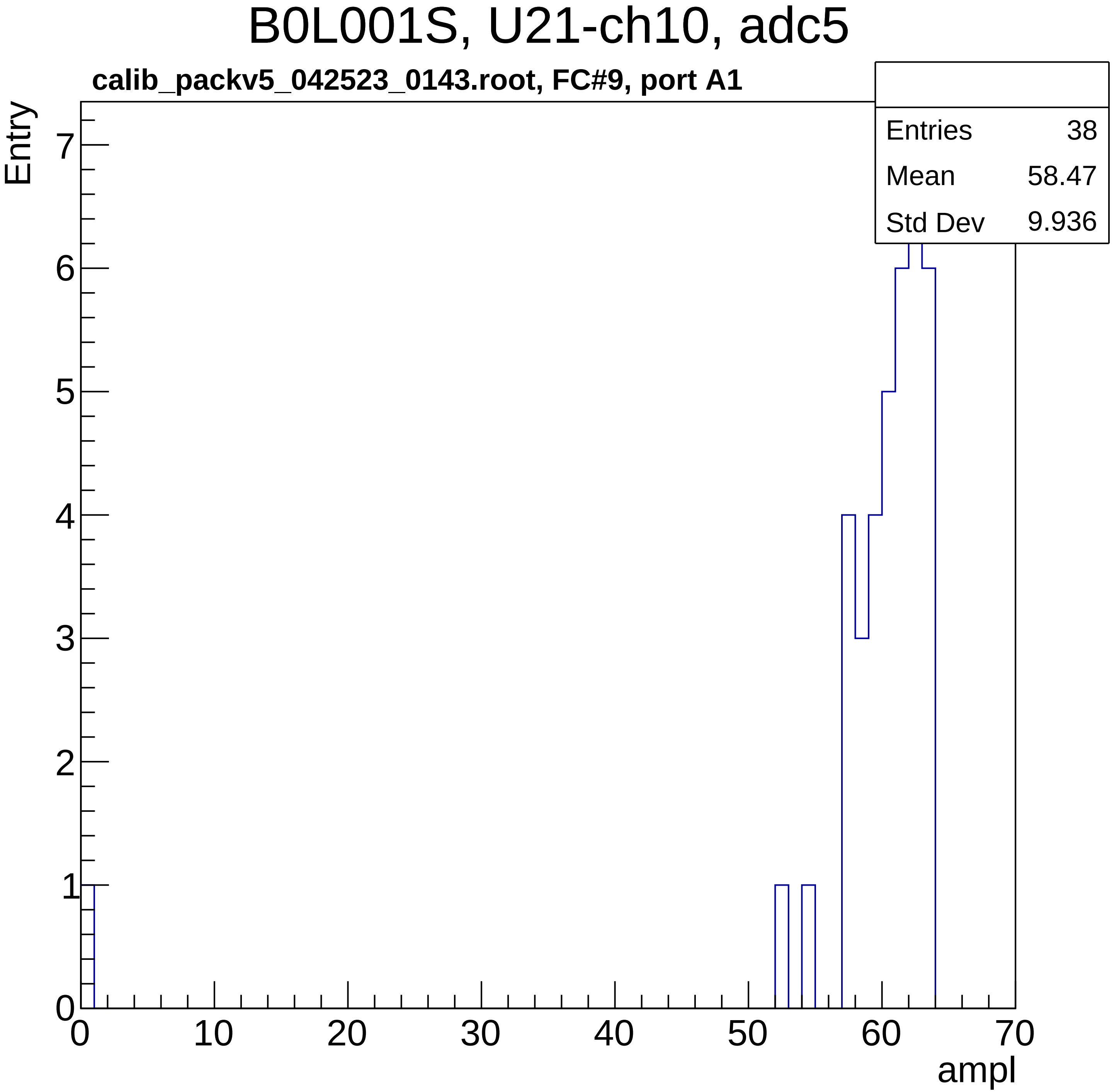
B0L001S, U21-ch10, adc2



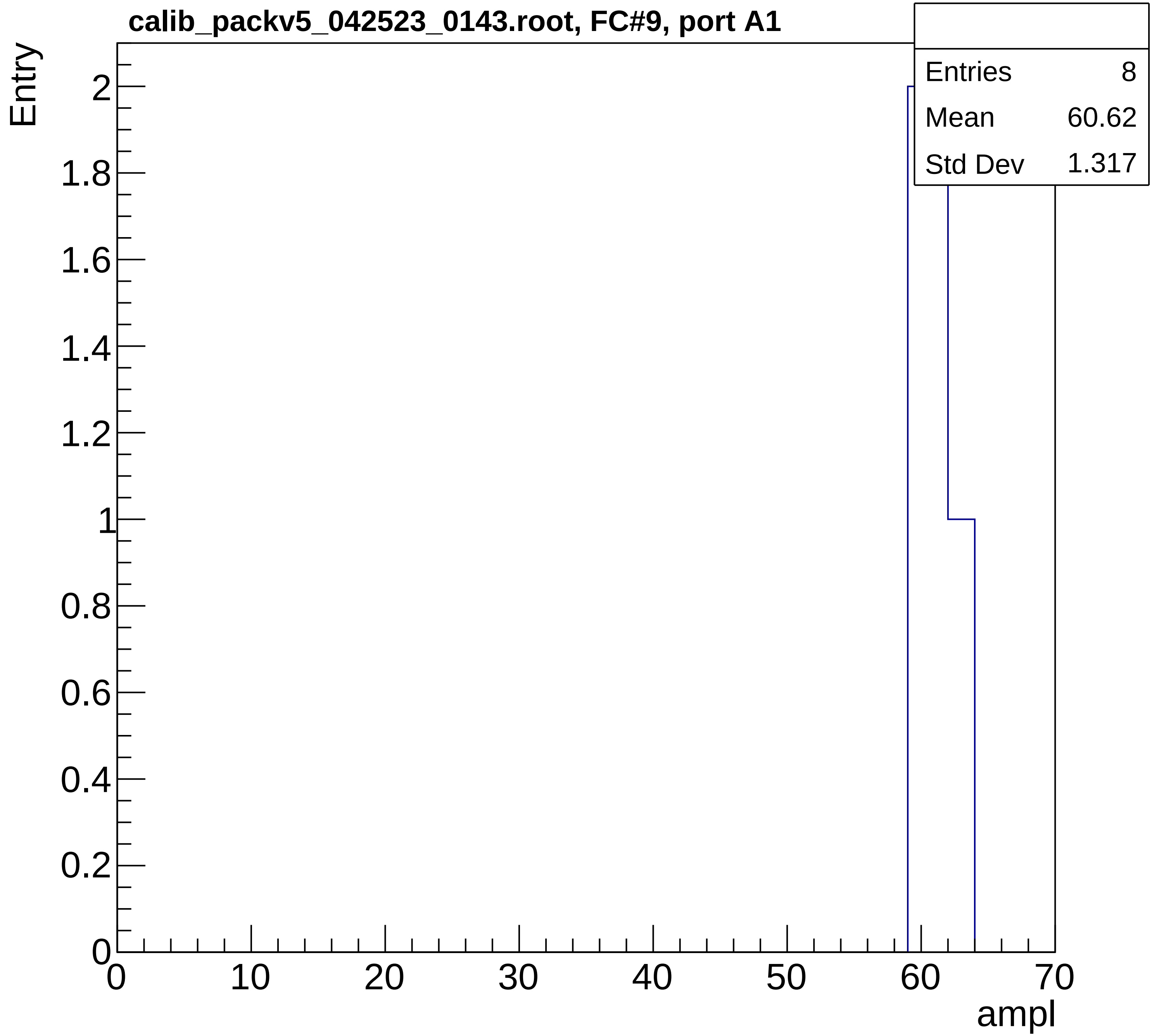
B0L001S, U21-ch10, adc3



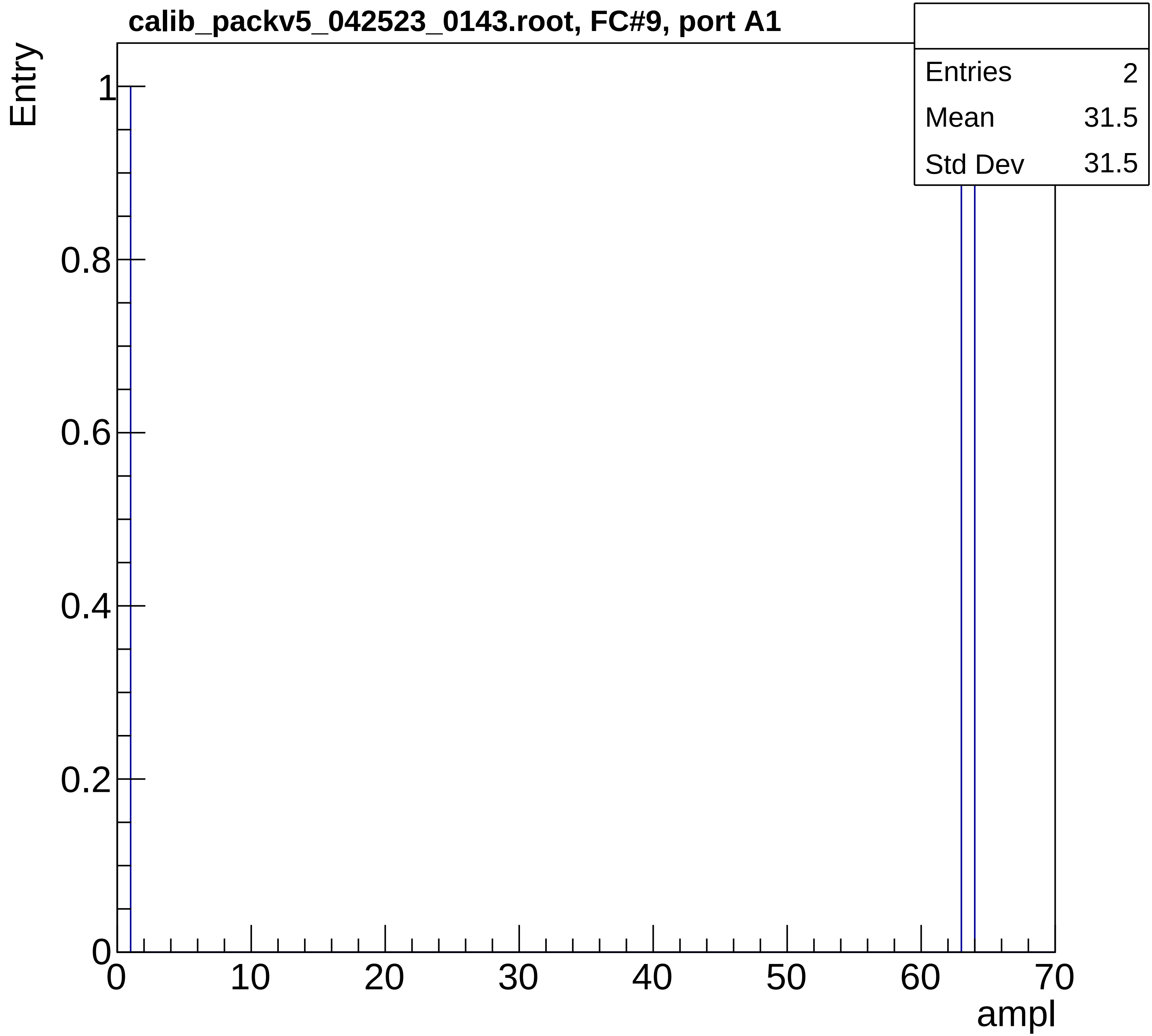

B0L001S, U21-ch10, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 55.27
Std Dev 3.66
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

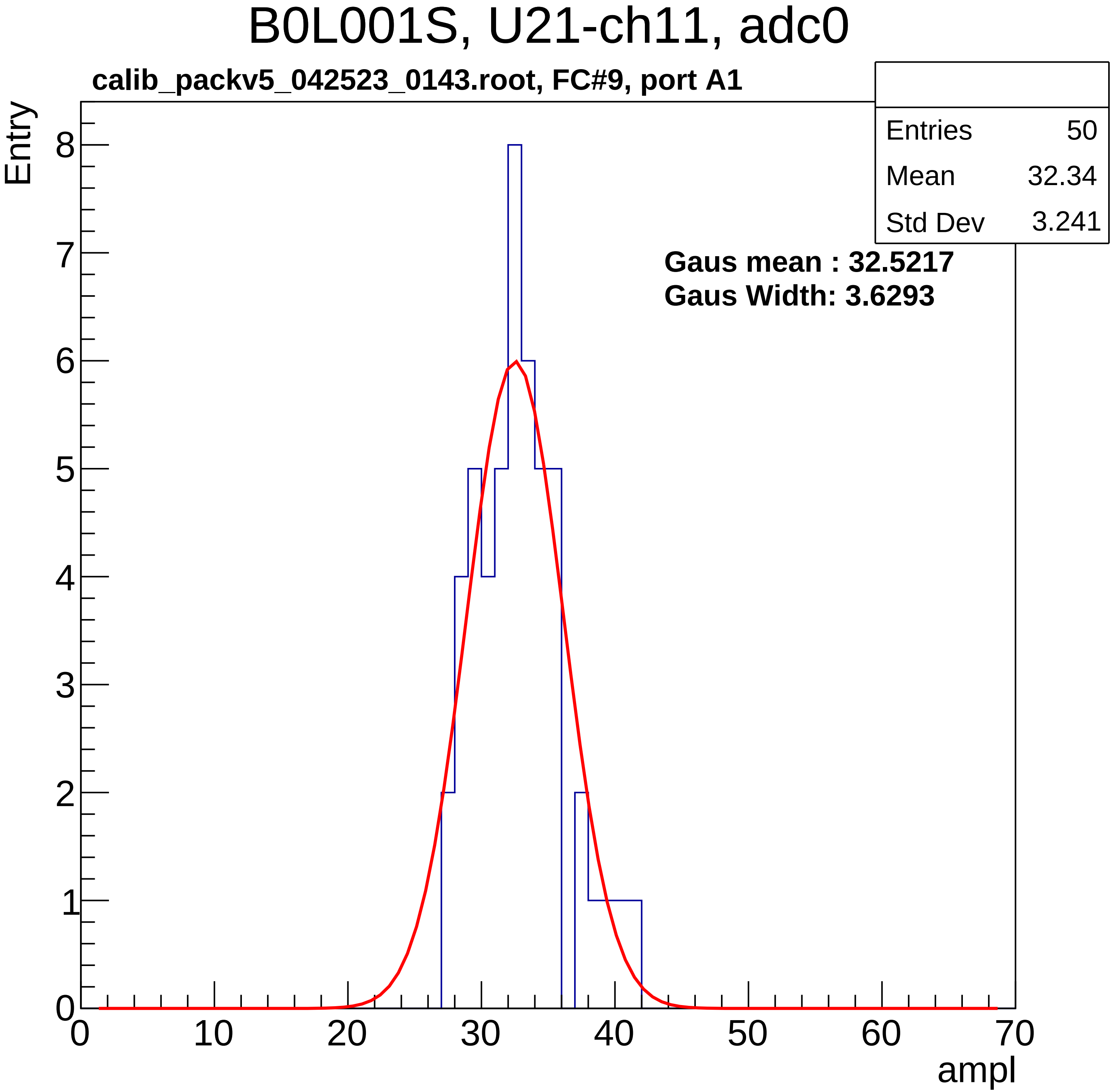

B0L001S, U21-ch10, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.47
Std Dev 9.936
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

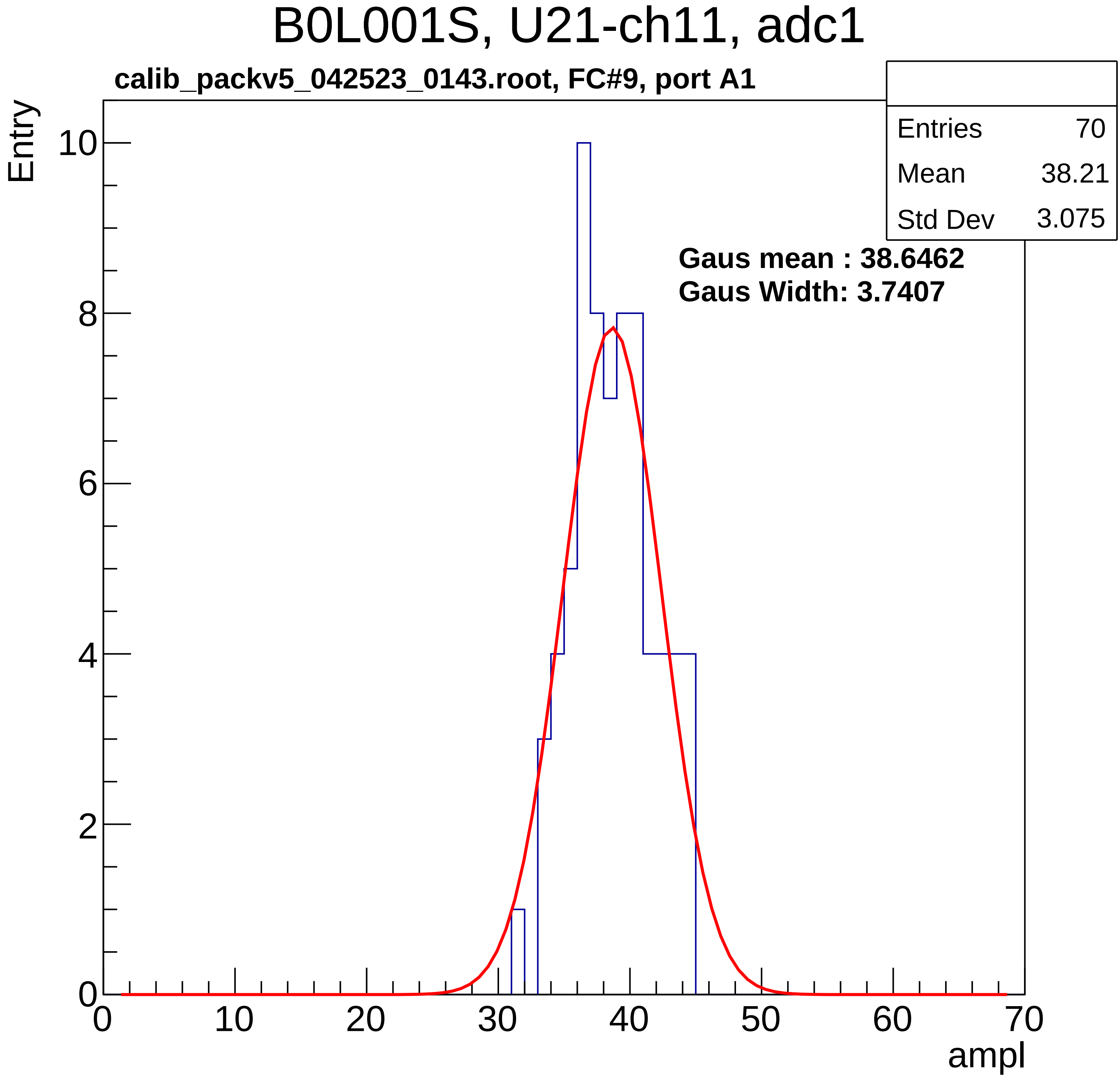
B0L001S, U21-ch10, adc6

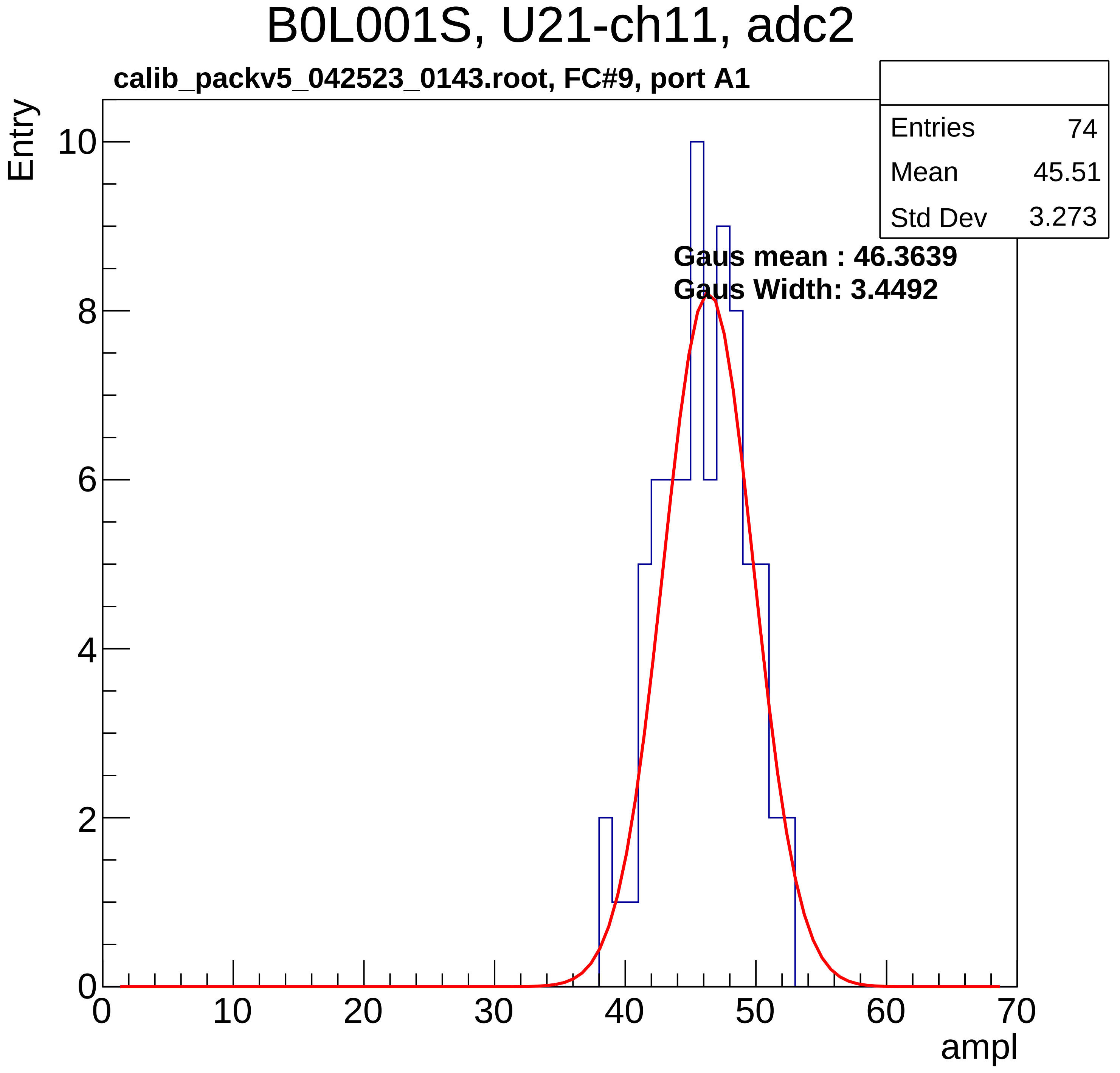


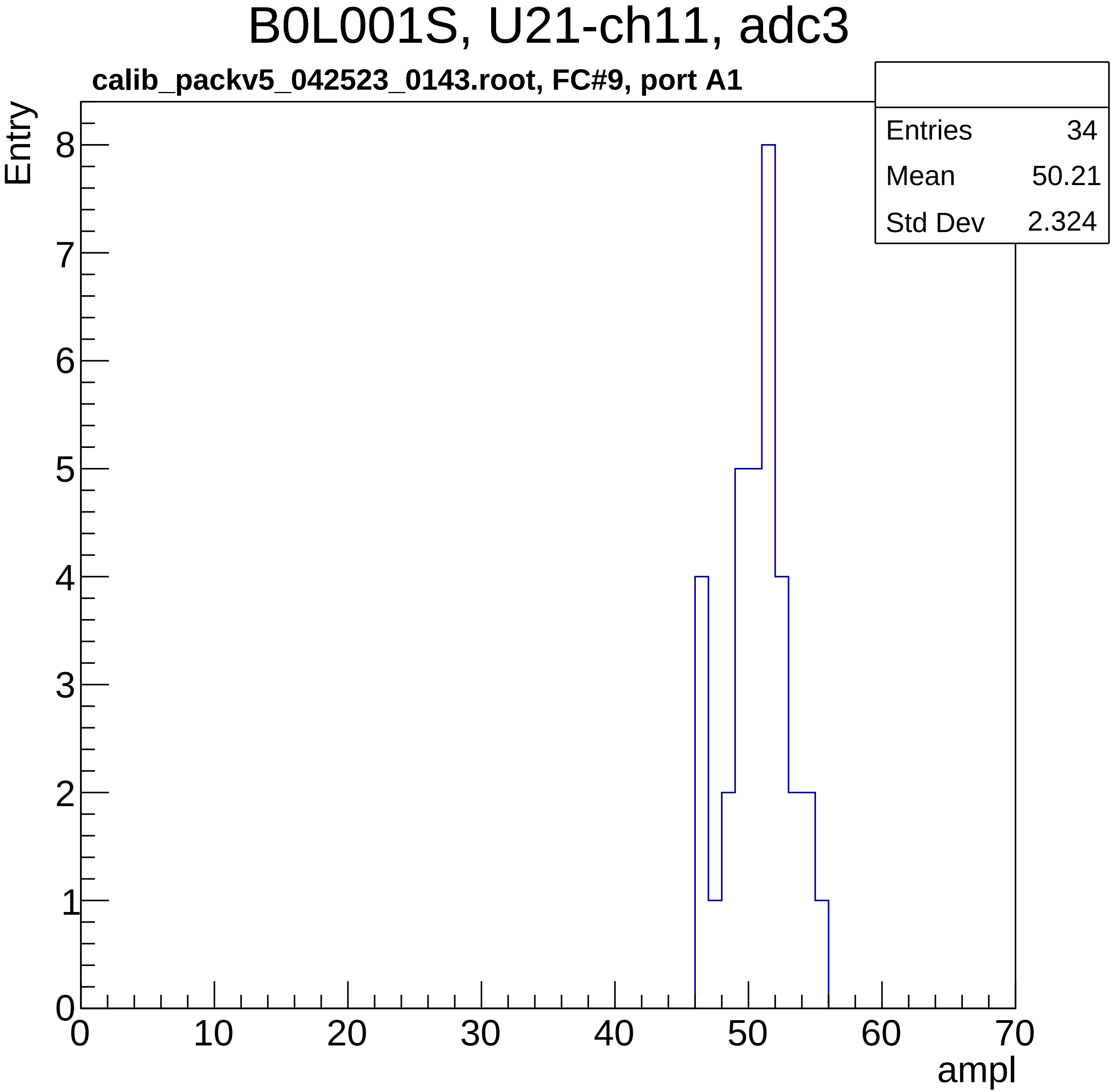
B0L001S, U21-ch10, adc7




B0L001S, U21-ch11, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 50
Mean 32.34
Std Dev 3.241
Gaus mean : 32.5217
Gaus Width: 3.6293
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

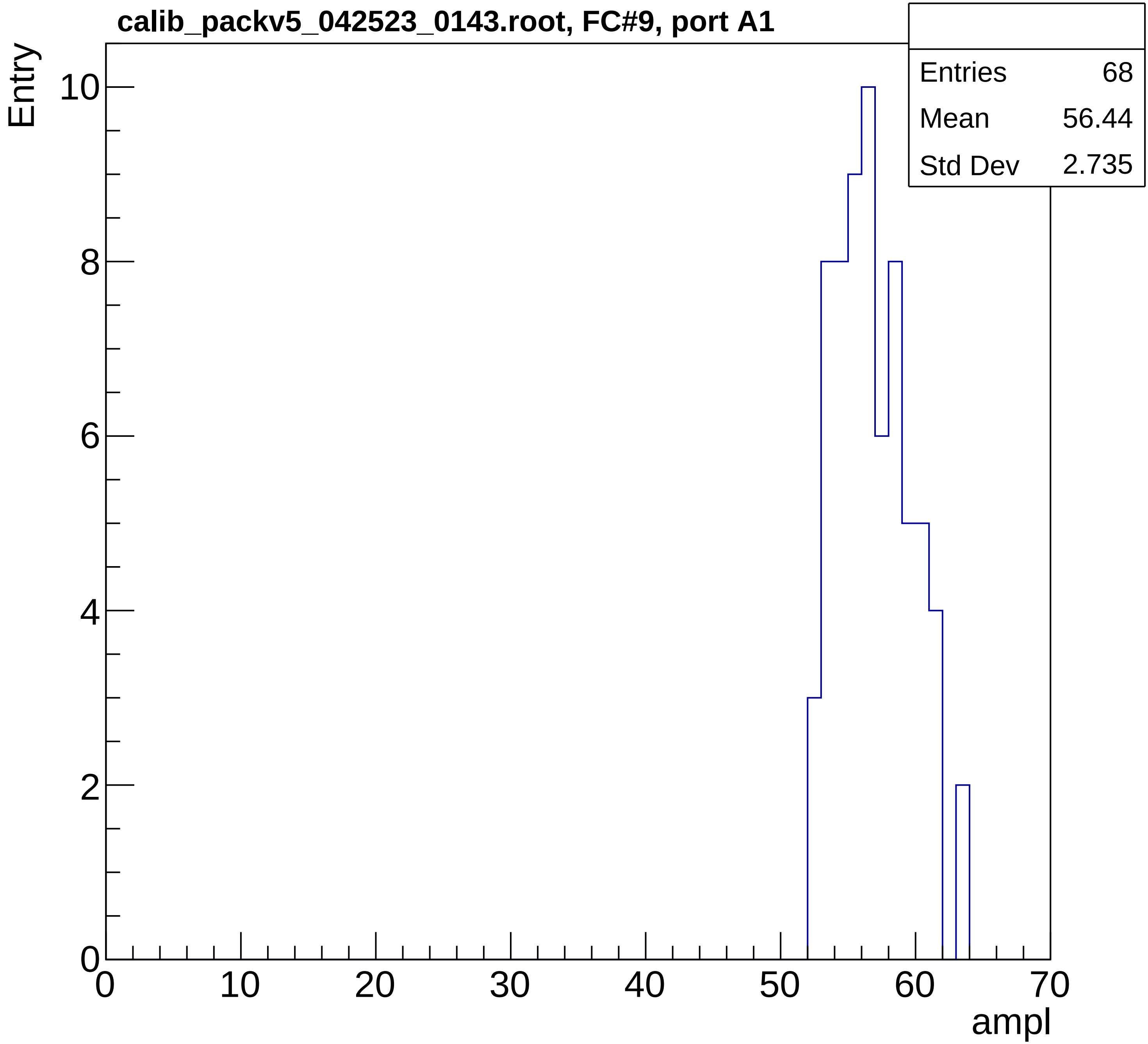

B0L001S, U21-ch11, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 70
Mean 38.21
Std Dev 3.075
Gaus mean : 38.6462
Gaus Width: 3.7407
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch11, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 45.51
Std Dev 3.273
Gaus mean : 46.3639
Gaus Width: 3.4492
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

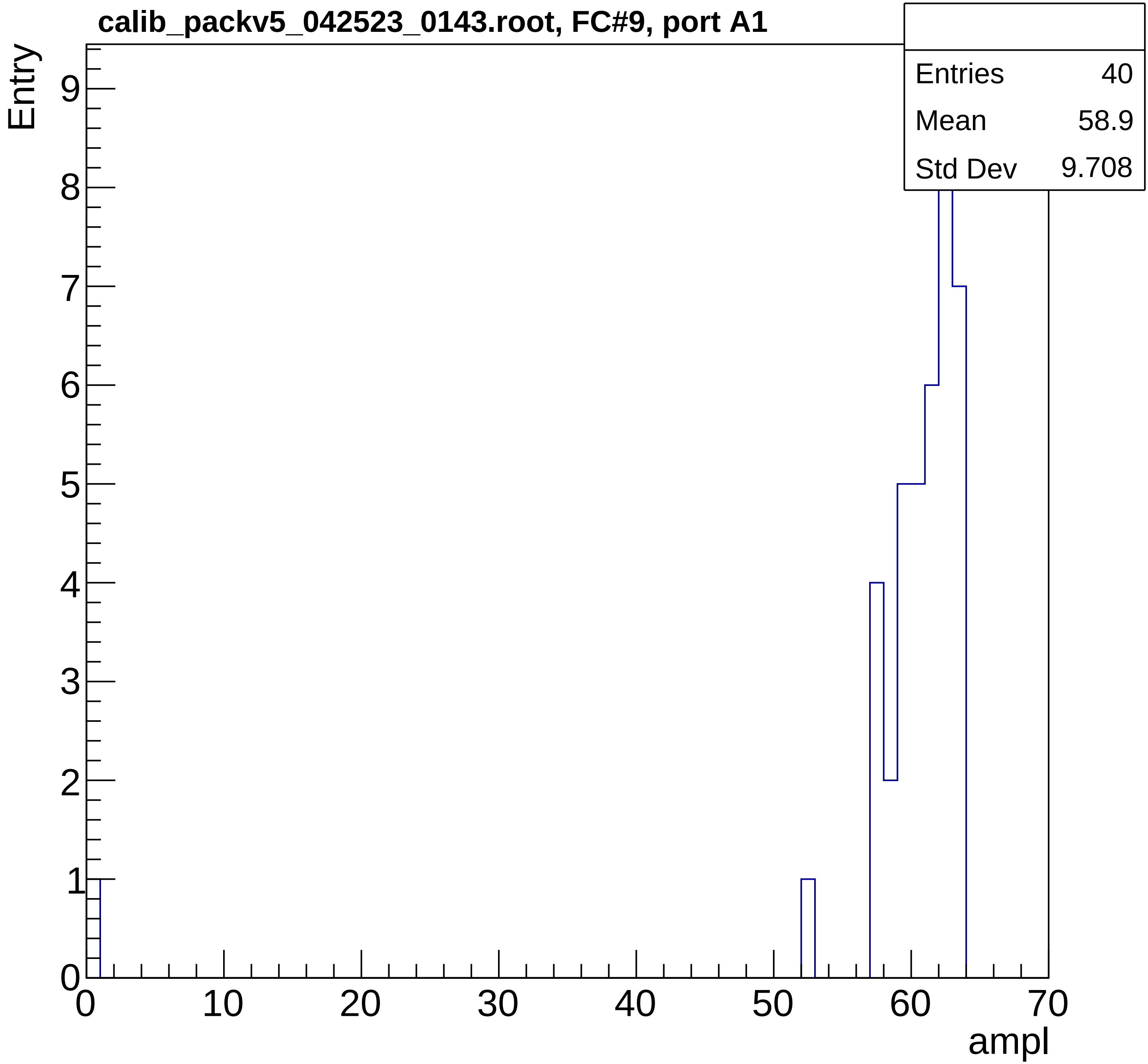

B0L001S, U21-ch11, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 50.21
Std Dev 2.324
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

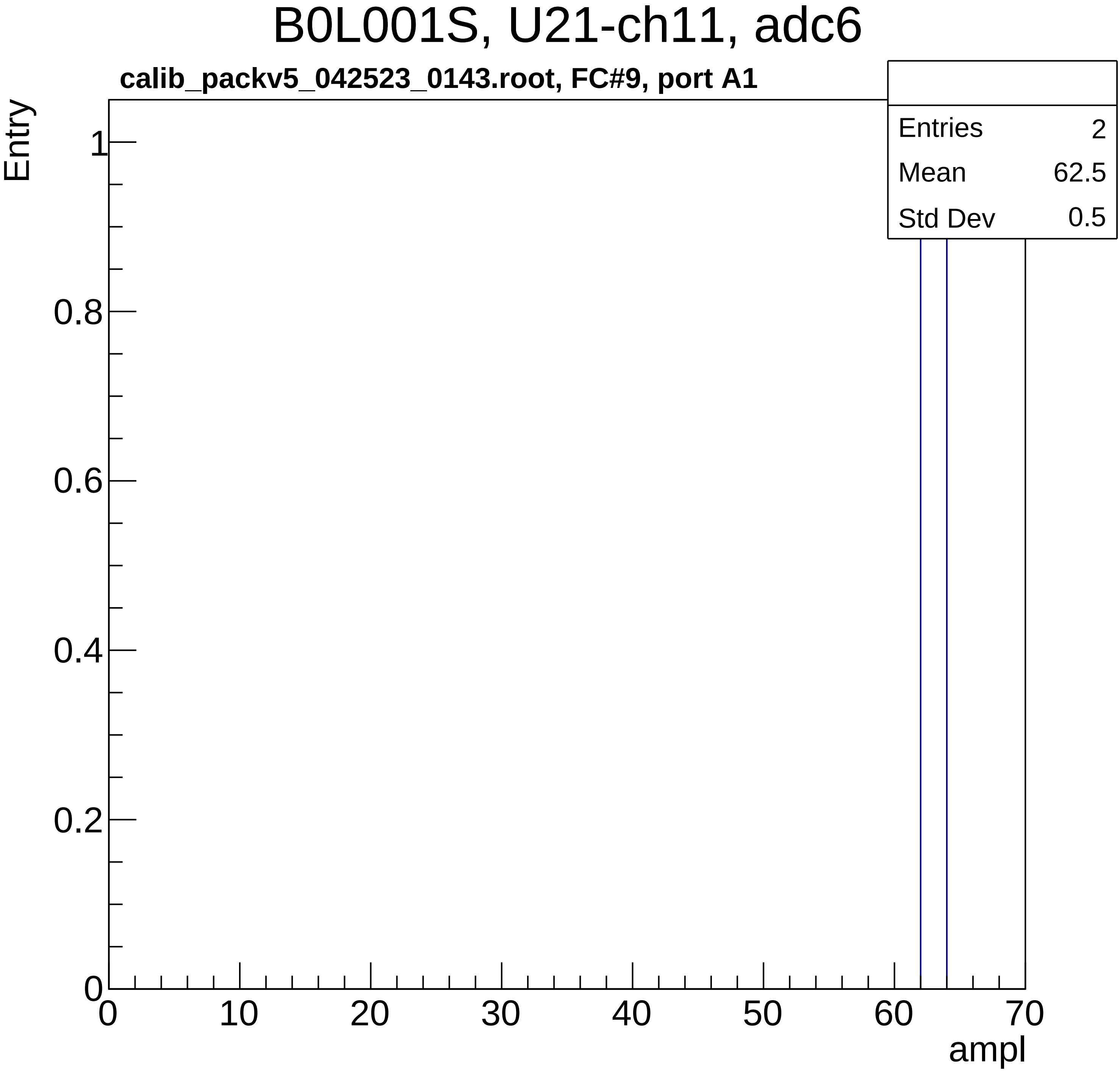
B0L001S, U21-ch11, adc4

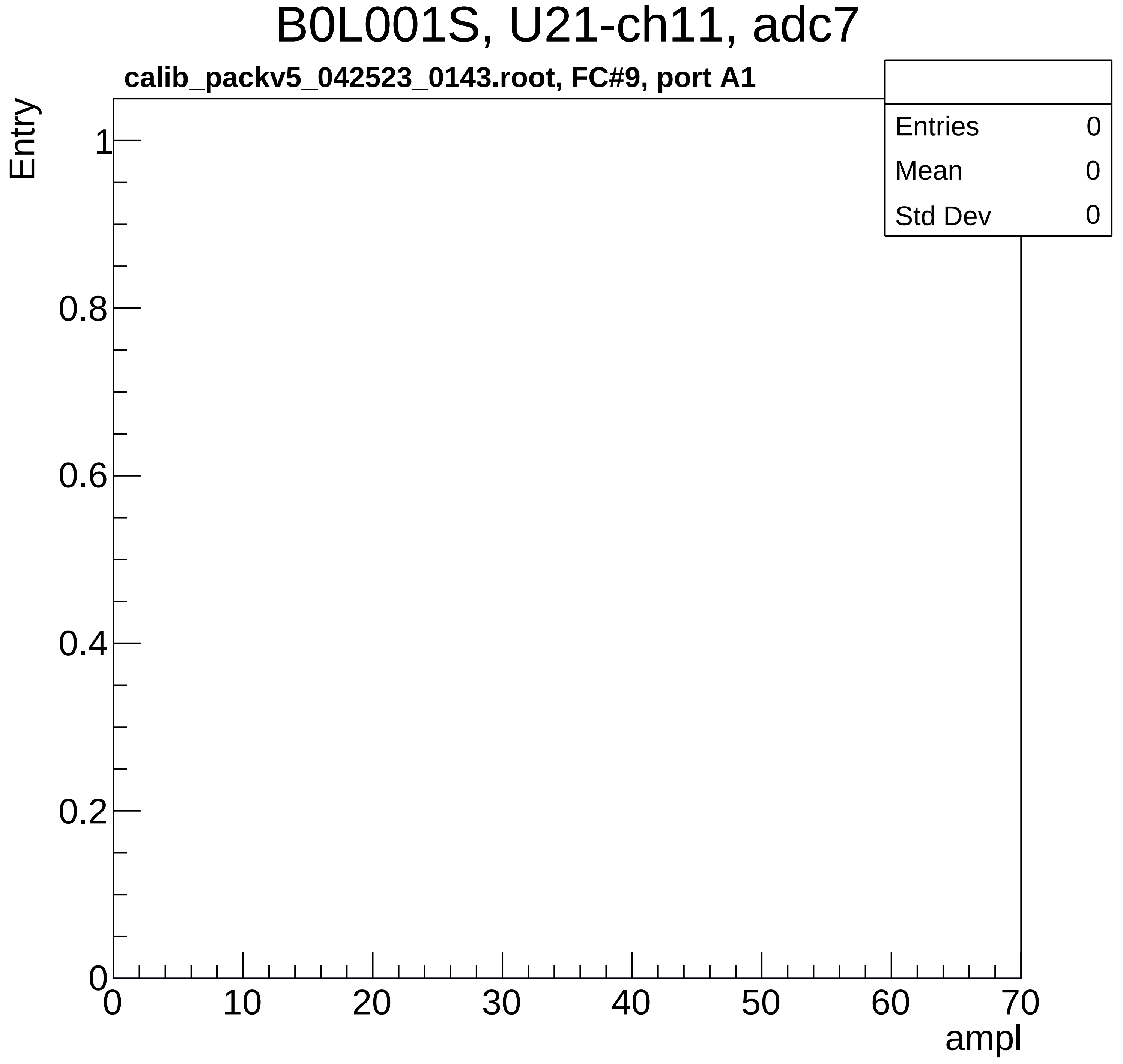
calib_packv5_042523_0143.root, FC#9, port A1

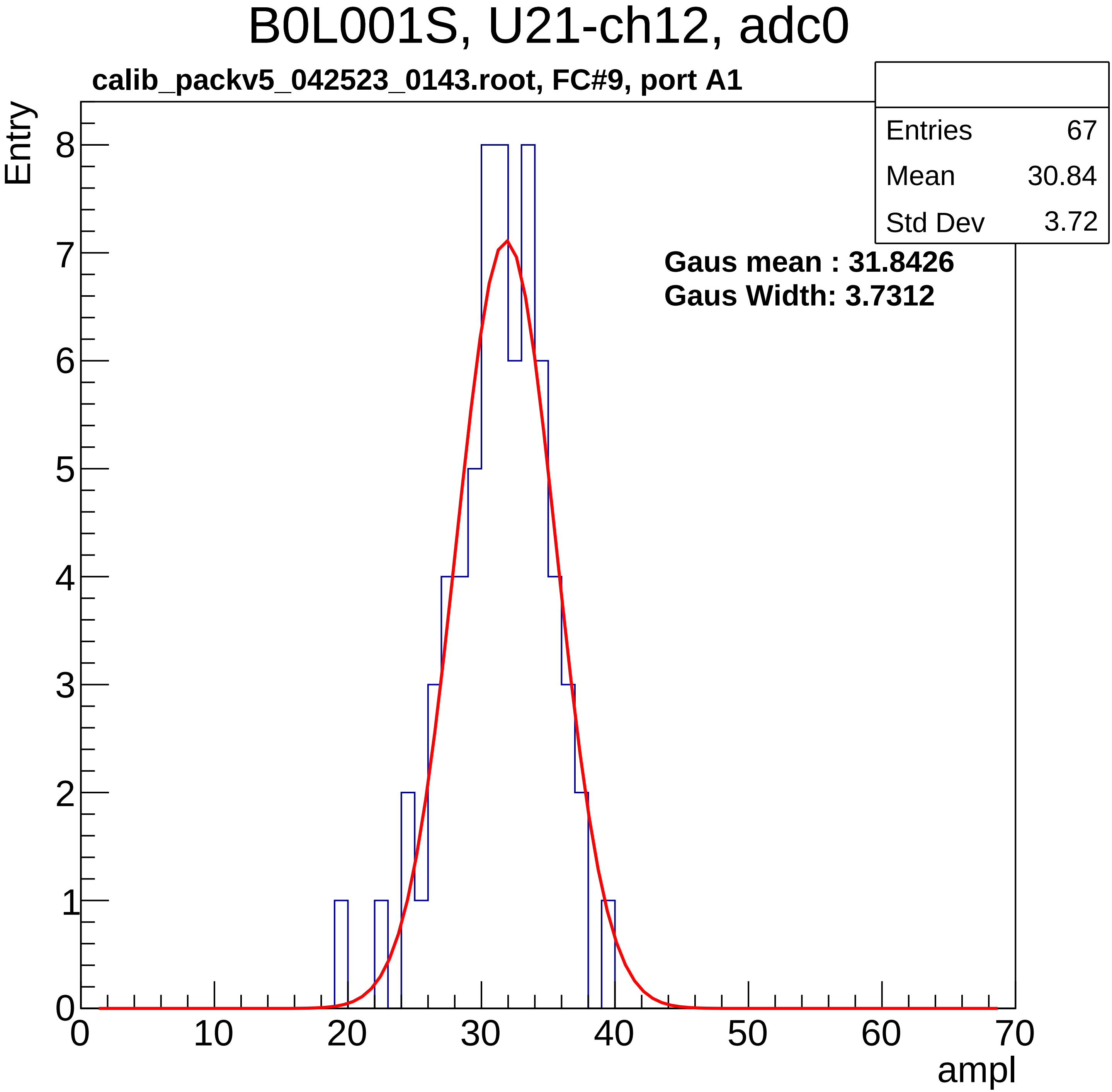


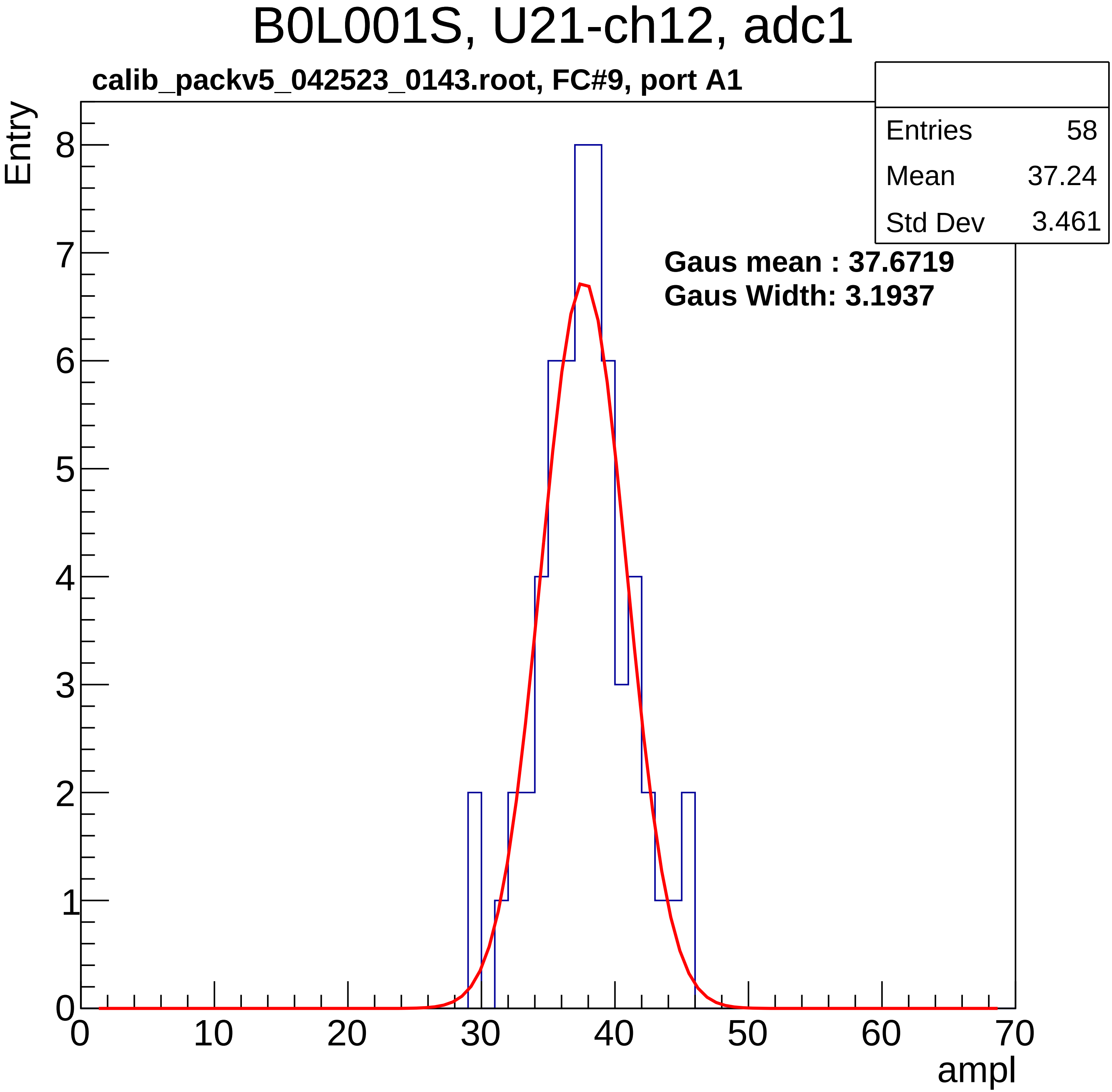
B0L001S, U21-ch11, adc5

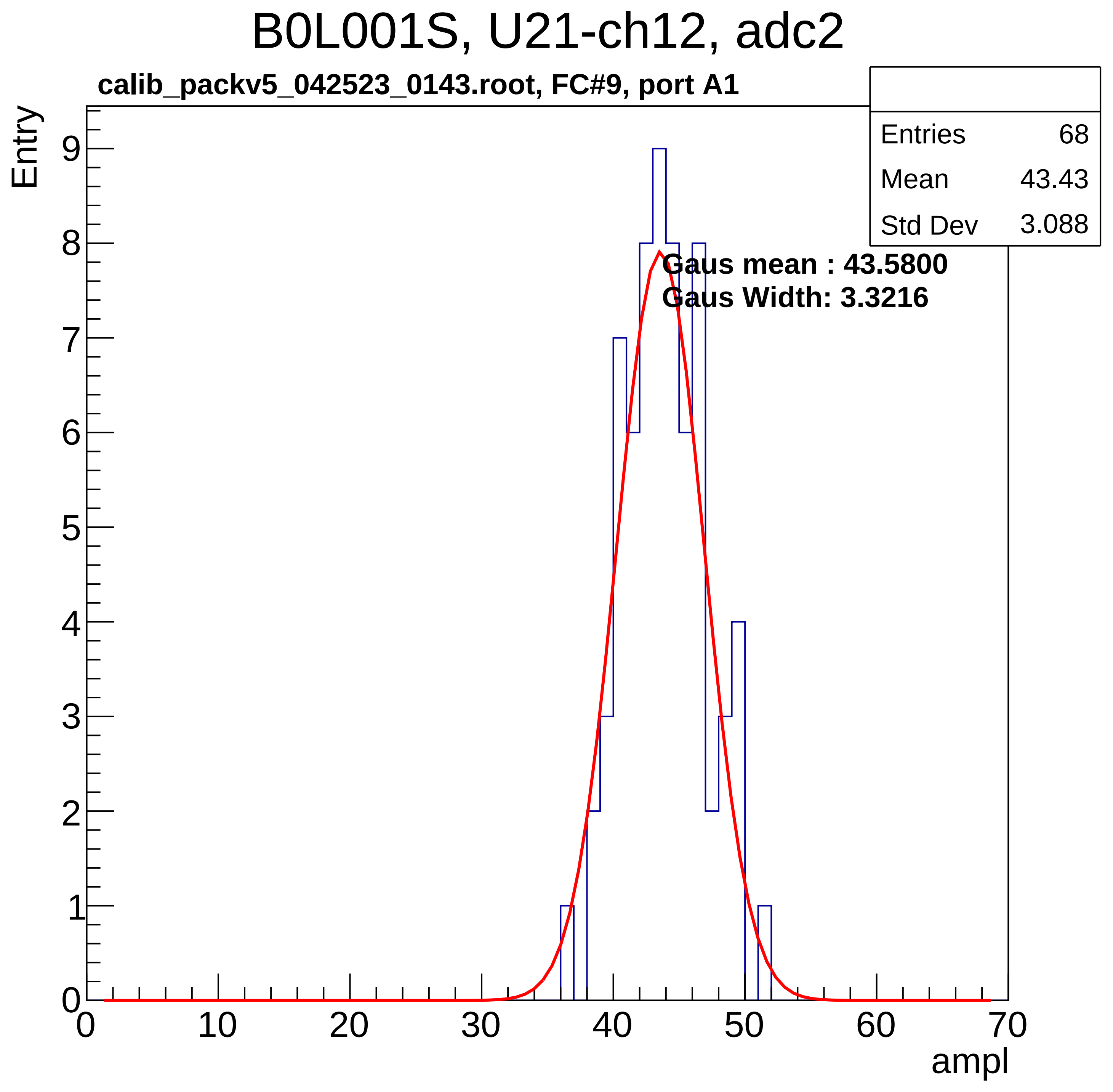


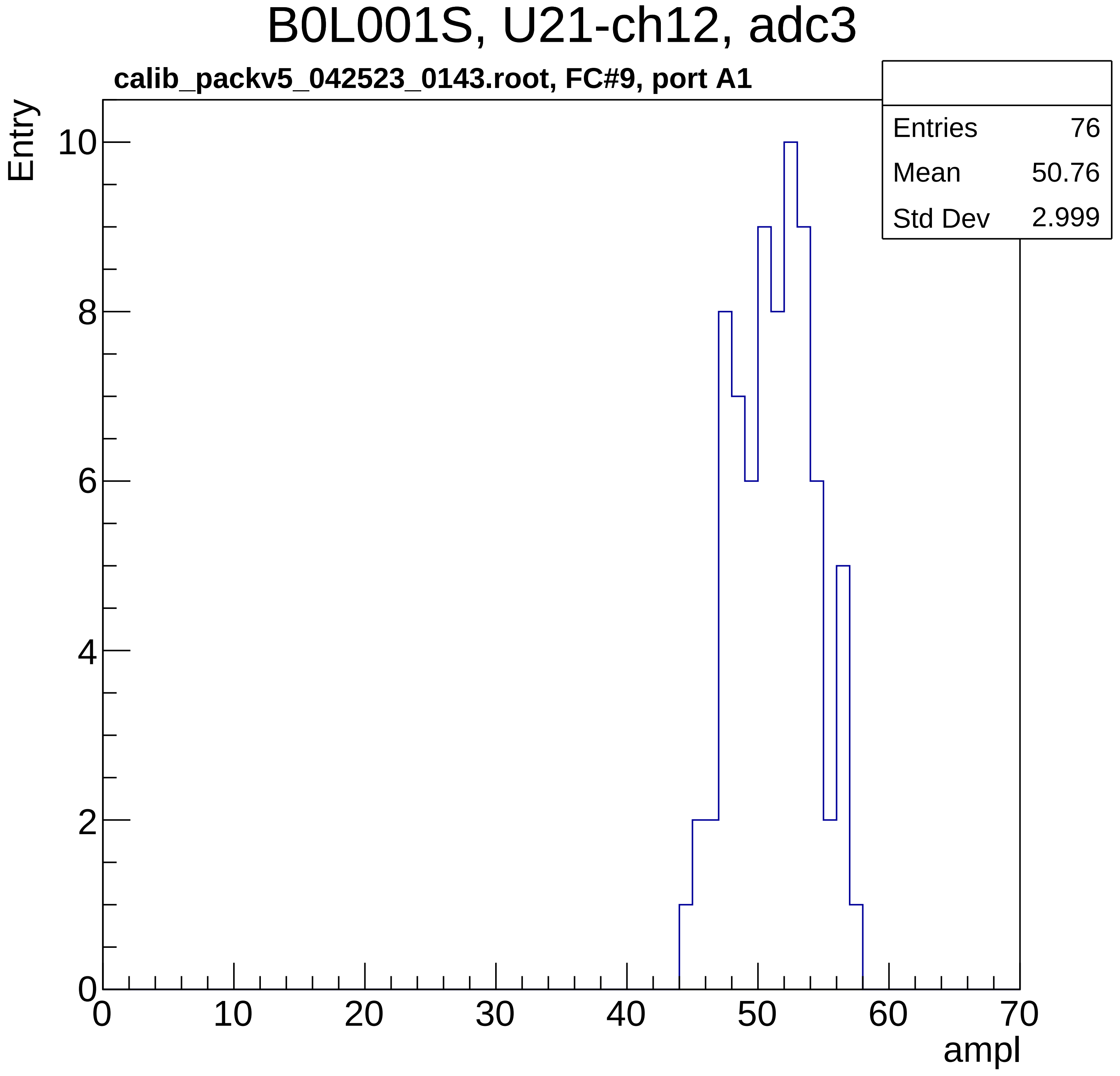

B0L001S, U21-ch11, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

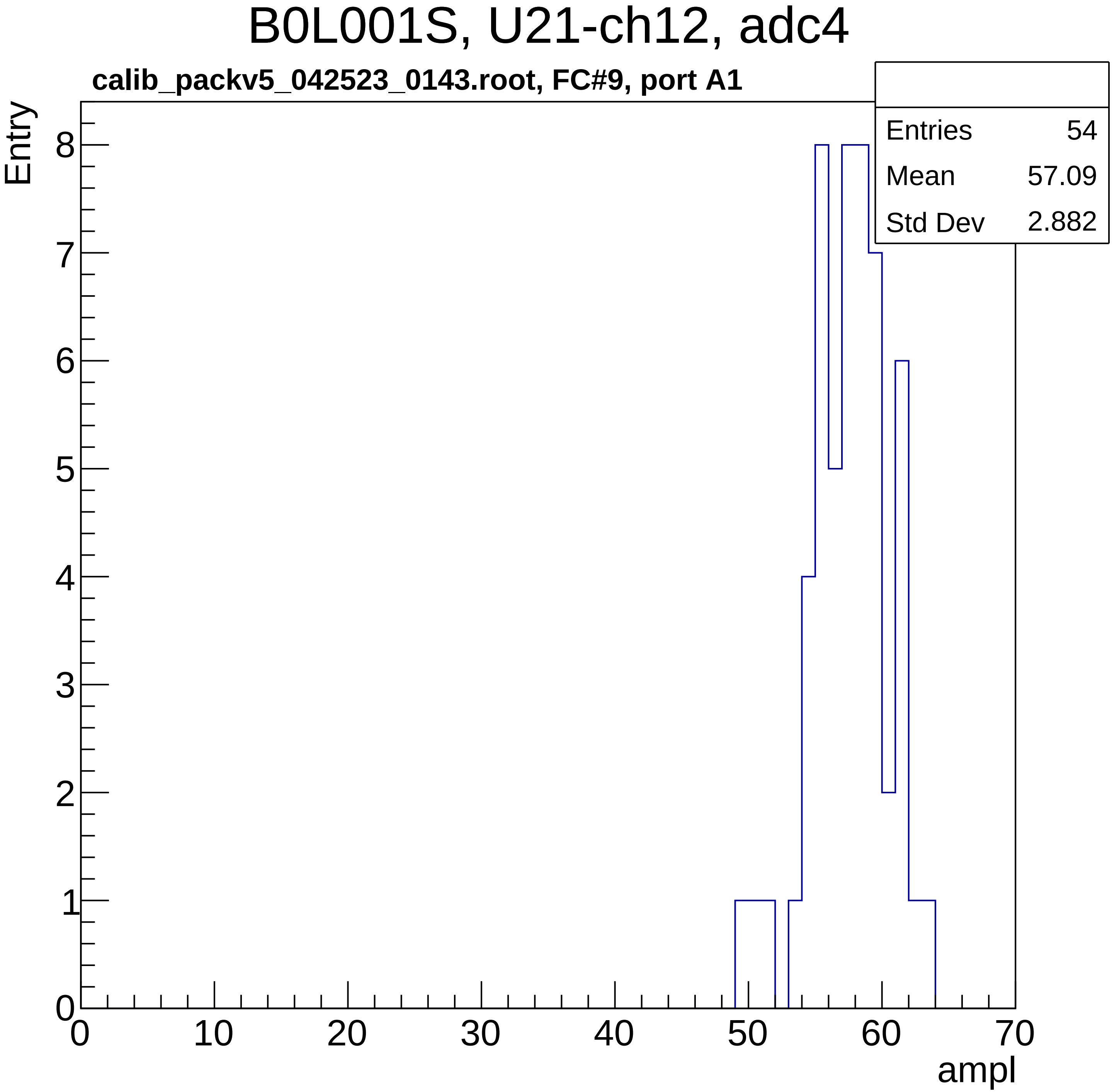

B0L001S, U21-ch11, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

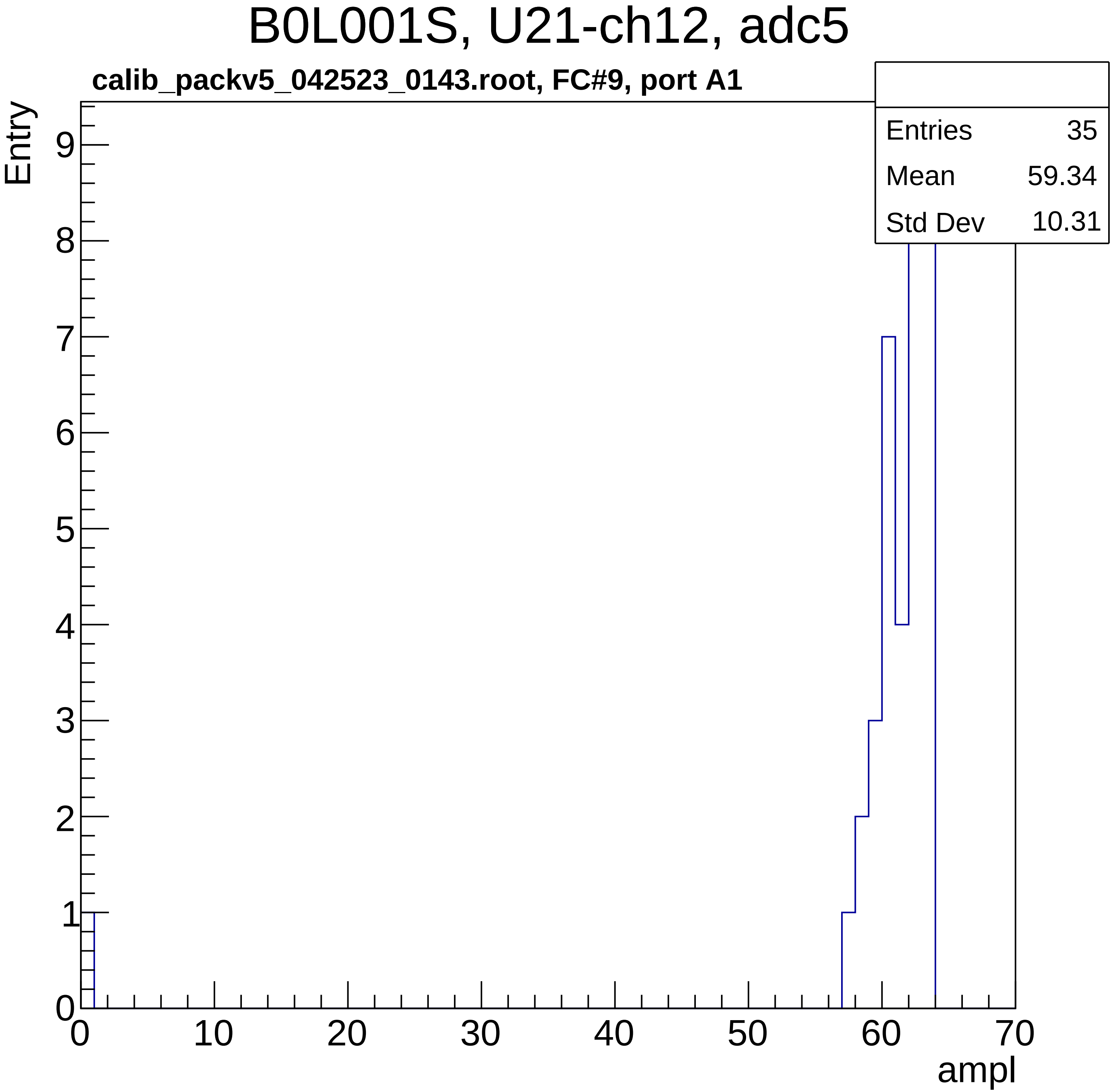

B0L001S, U21-ch12, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 30.84
Std Dev 3.72
Gaus mean : 31.8426
Gaus Width: 3.7312
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch12, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 37.24
Std Dev 3.461
Gaus mean : 37.6719
Gaus Width: 3.1937
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch12, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 43.43
Std Dev 3.088
Gaus mean : 43.5800
Gaus Width: 3.3216
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

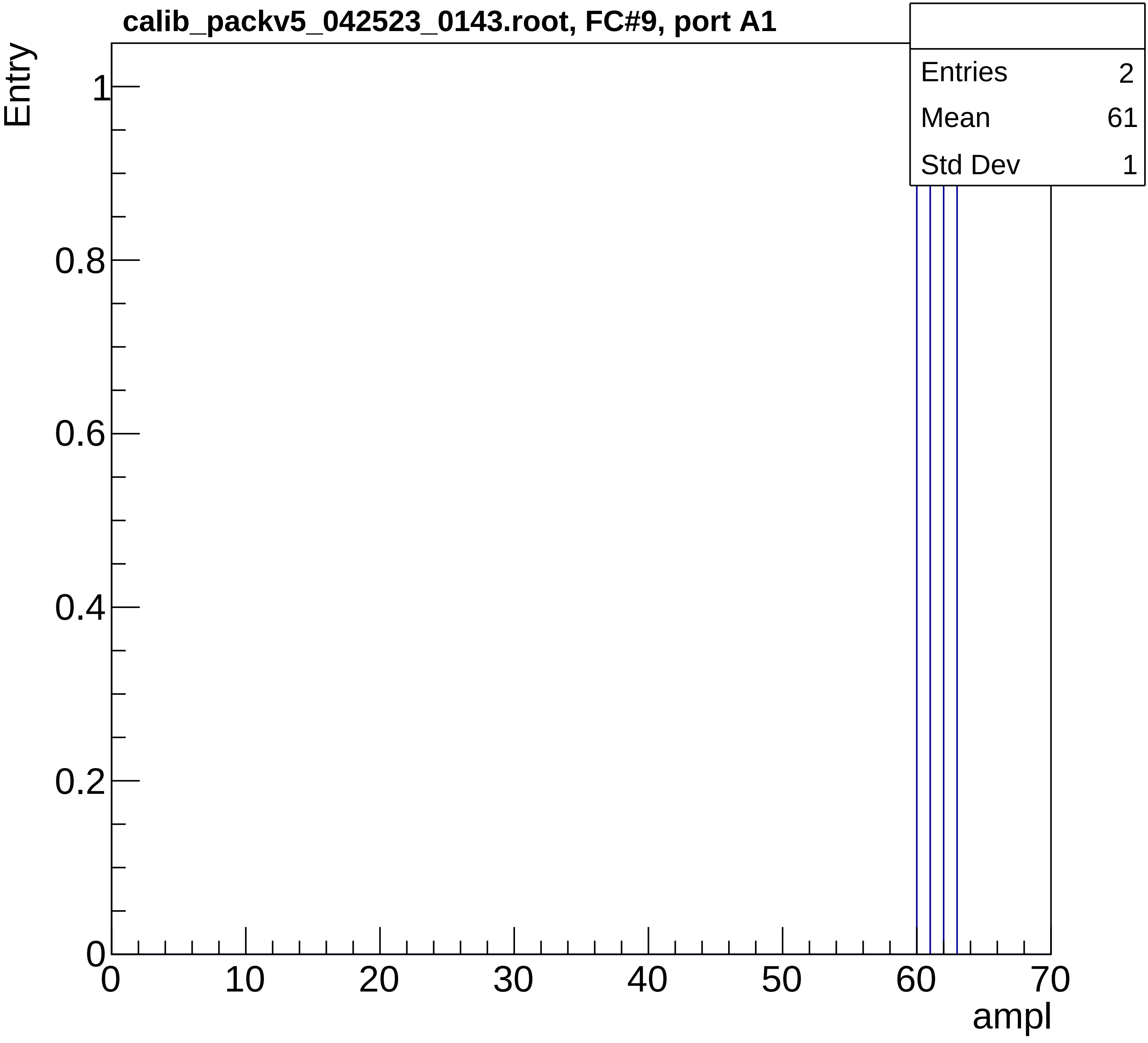

B0L001S, U21-ch12, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 50.76
Std Dev 2.999
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch12, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 57.09
Std Dev 2.882
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch12, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 59.34
Std Dev 10.31
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

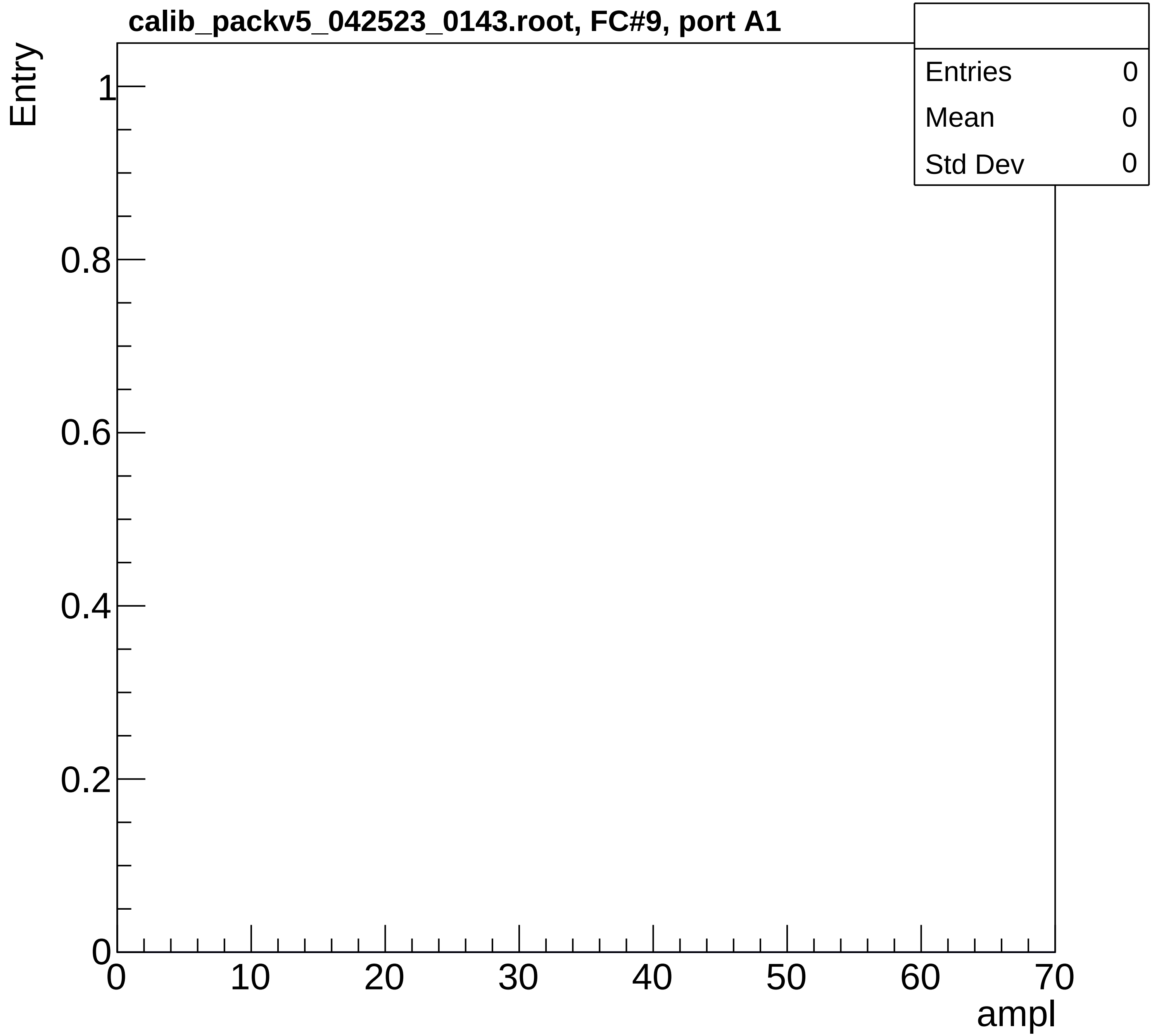
B0L001S, U21-ch12, adc6

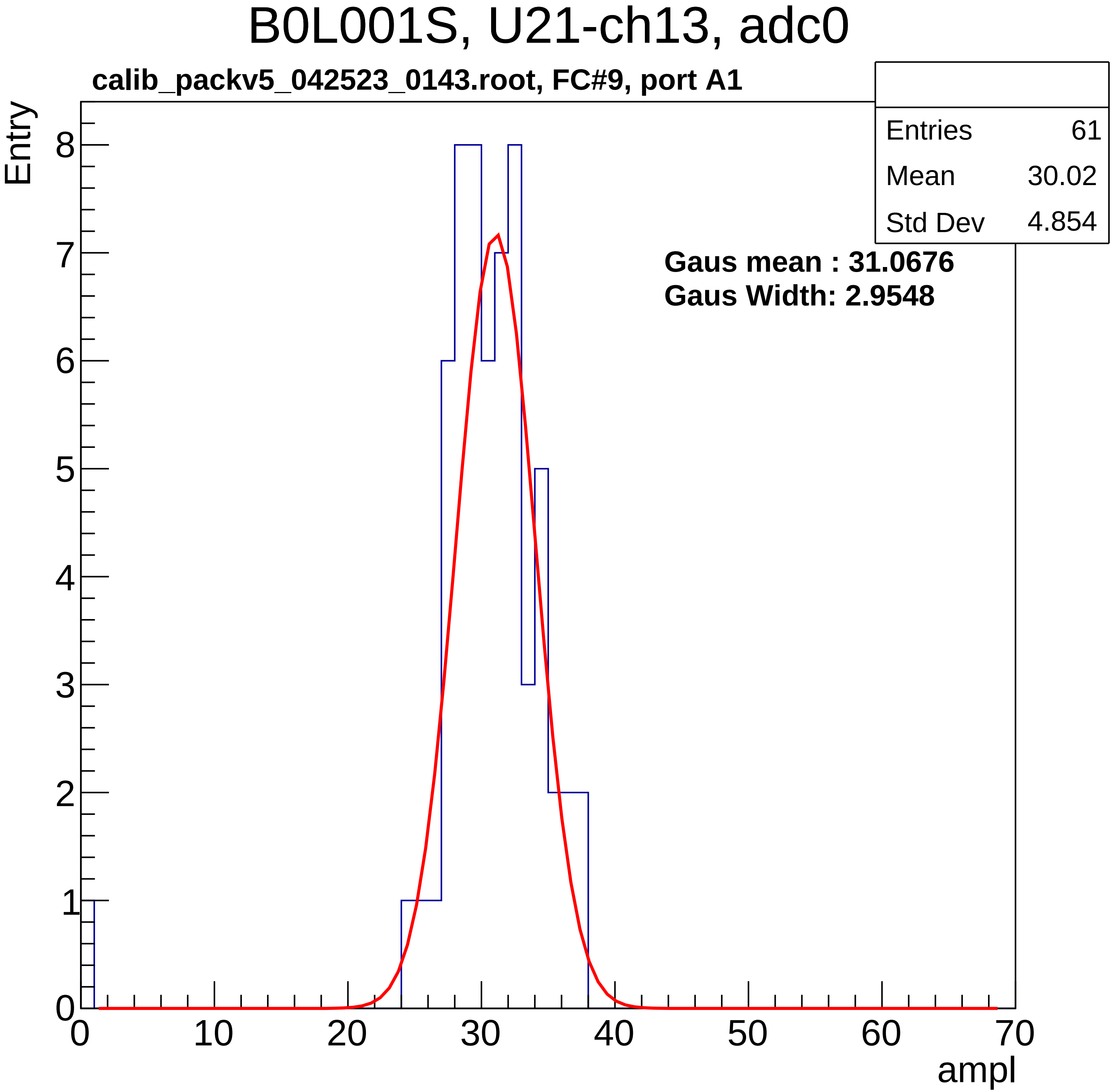
calib_packv5_042523_0143.root, FC#9, port A1



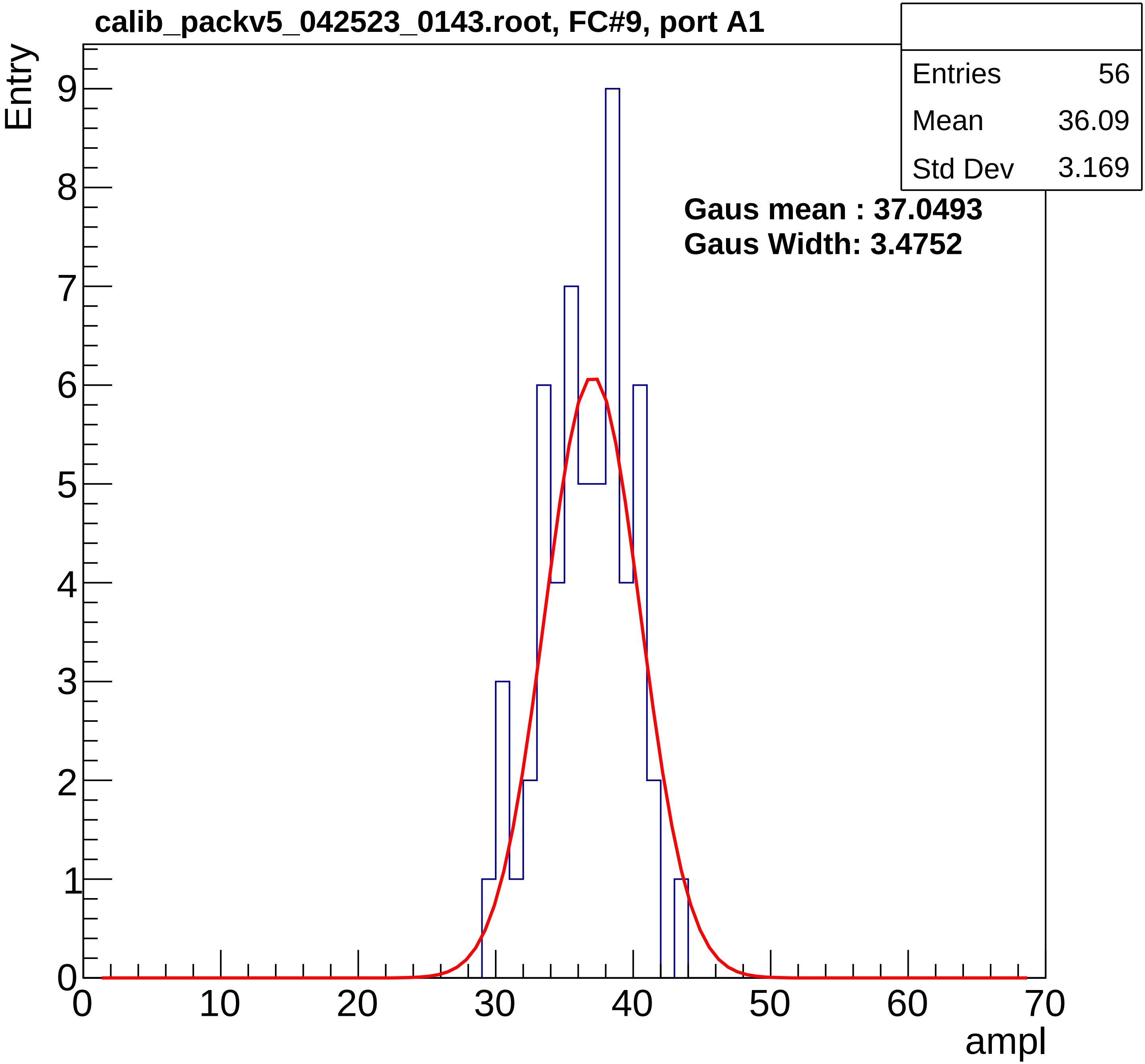
B0L001S, U21-ch12, adc7

calib_packv5_042523_0143.root, FC#9, port A1

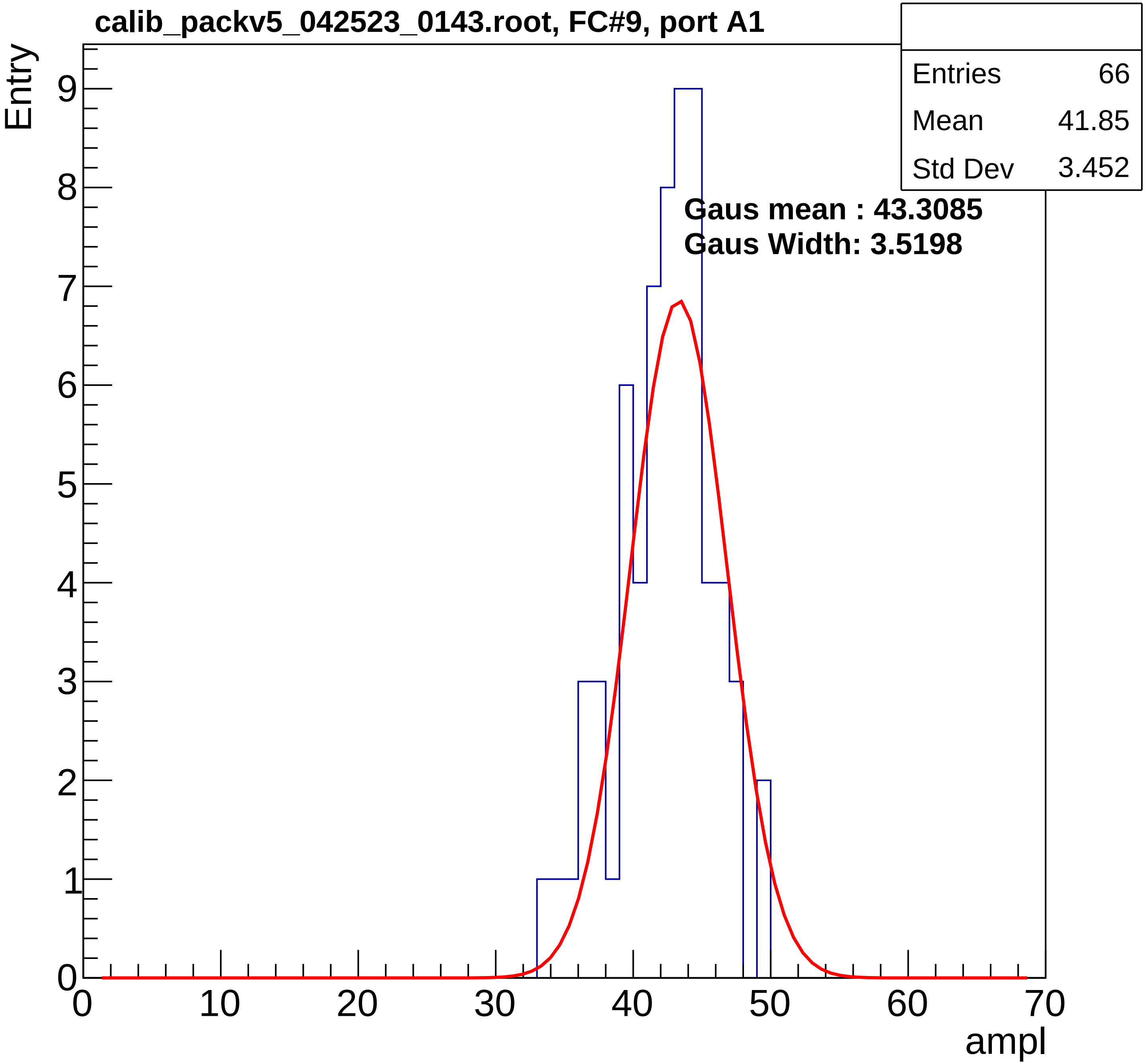



B0L001S, U21-ch13, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 30.02
Std Dev 4.854
Gaus mean : 31.0676
Gaus Width: 2.9548
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch13, adc1

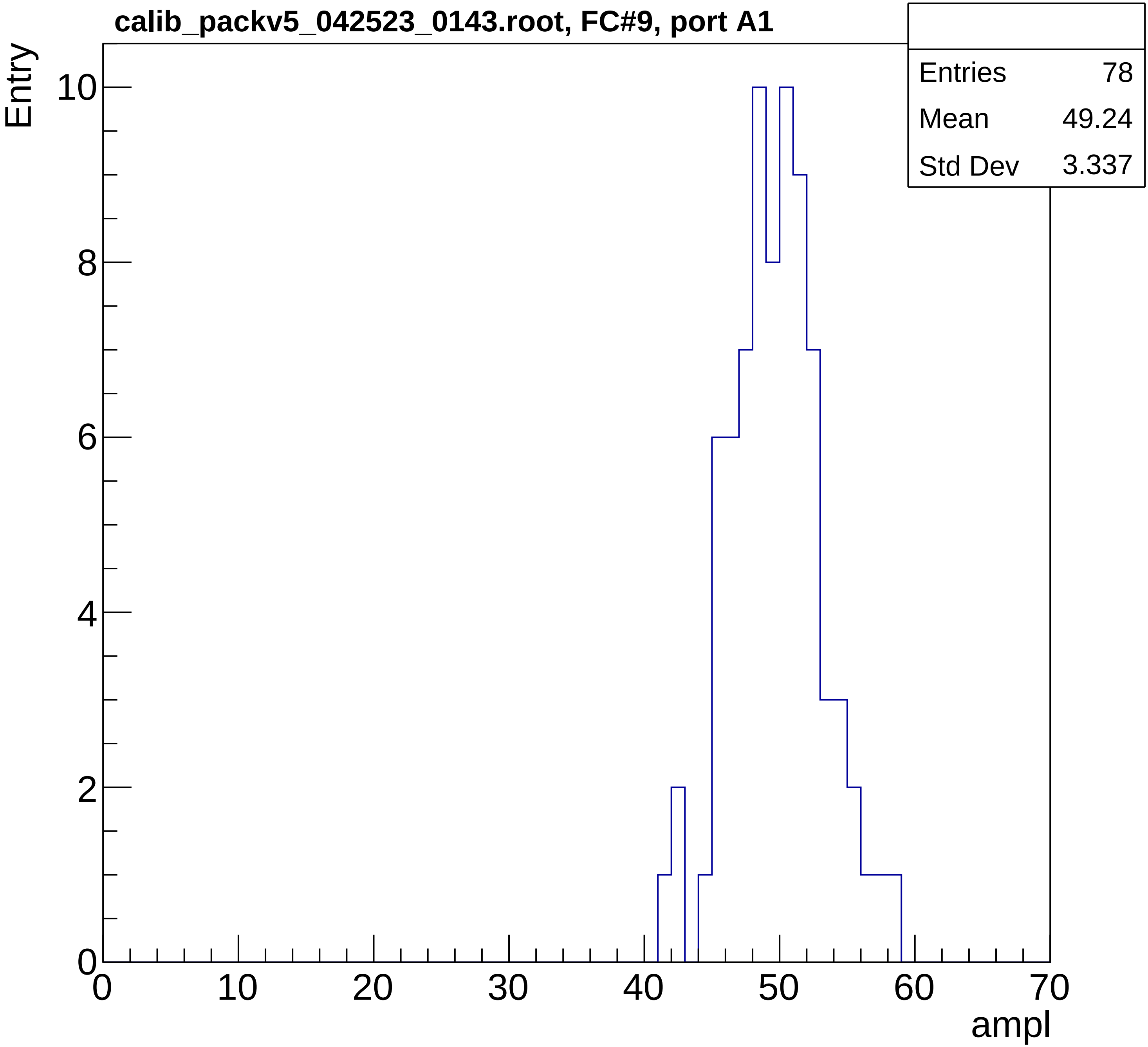


B0L001S, U21-ch13, adc2

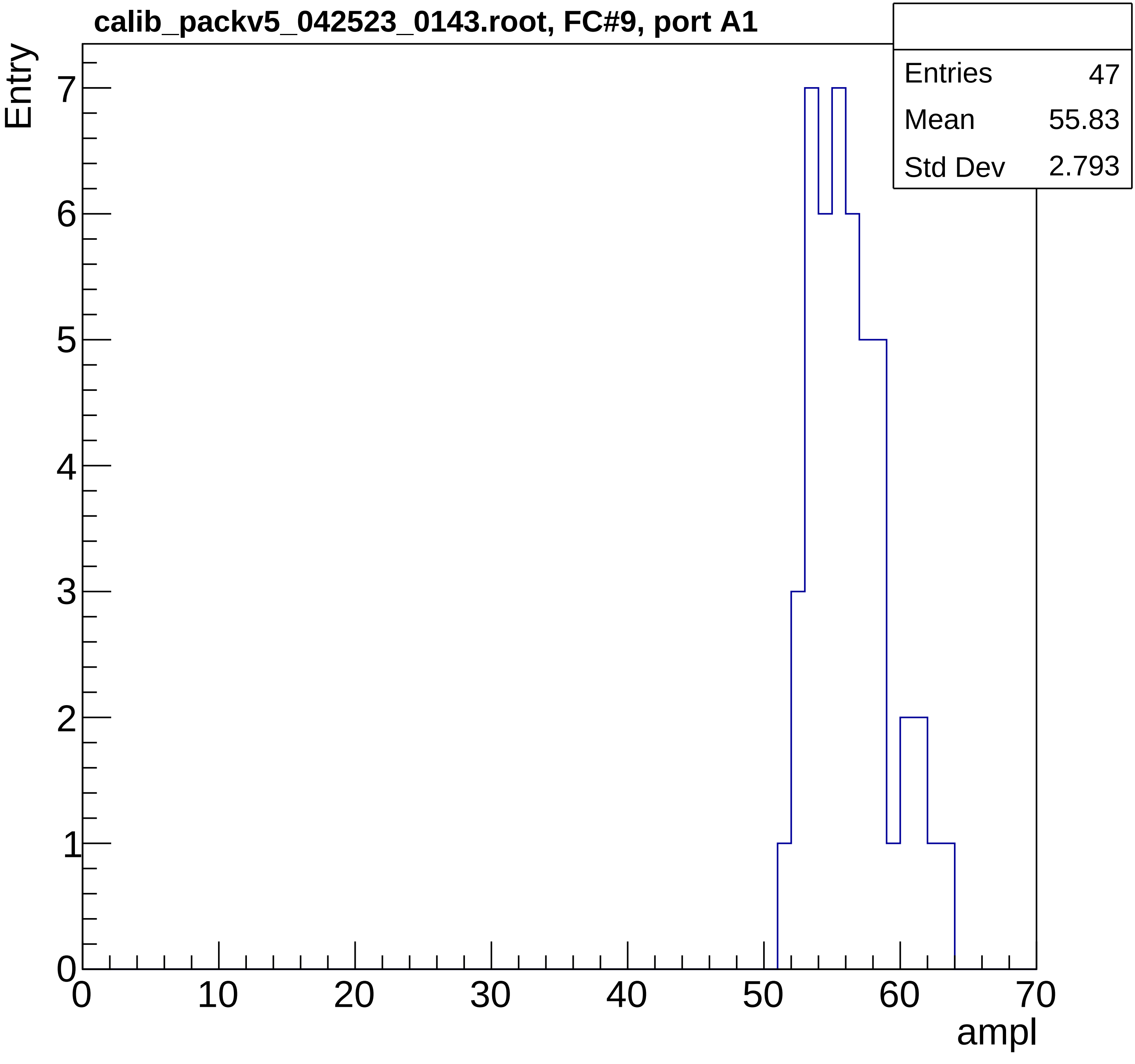


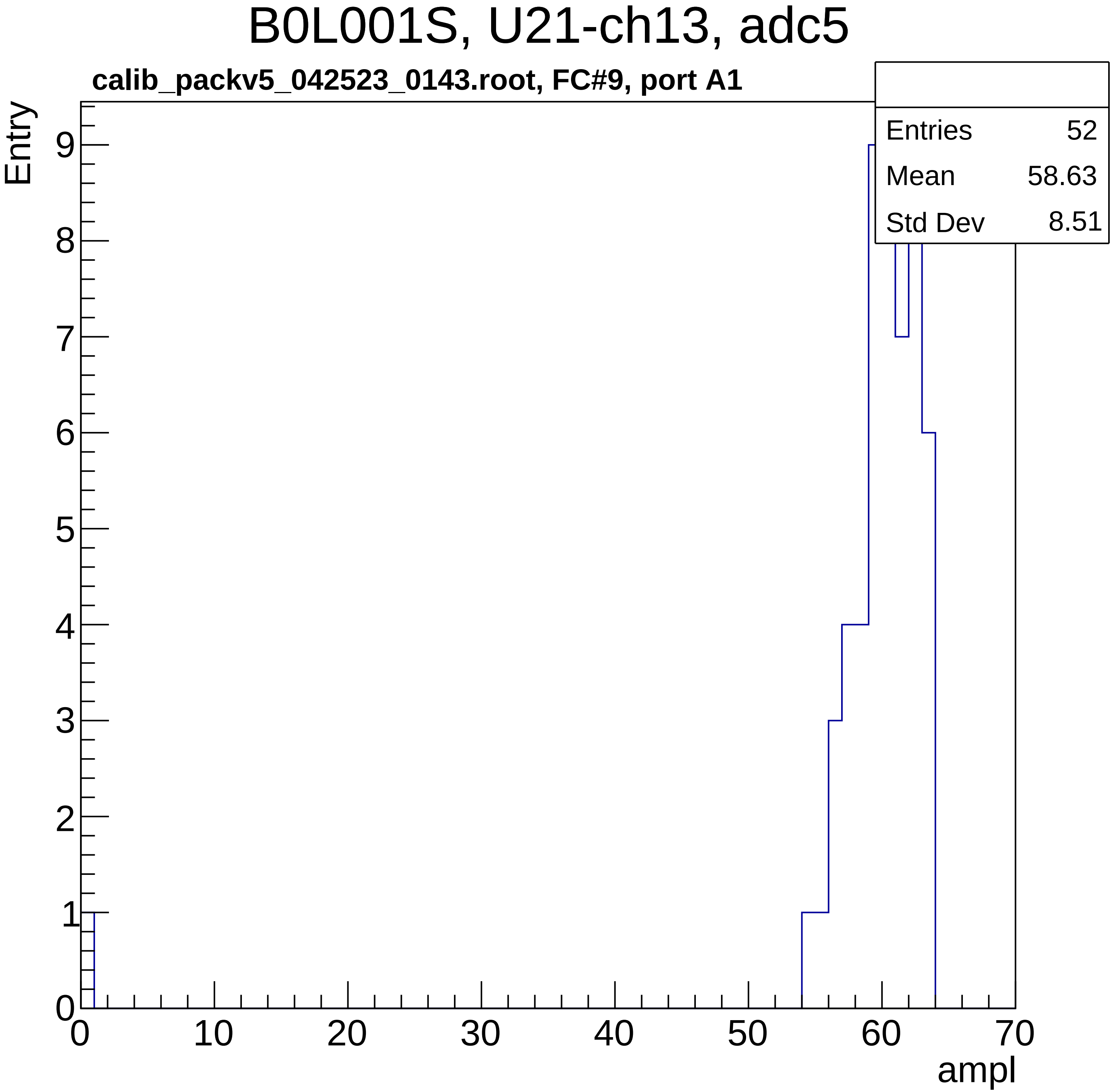
B0L001S, U21-ch13, adc3

calib_packv5_042523_0143.root, FC#9, port A1

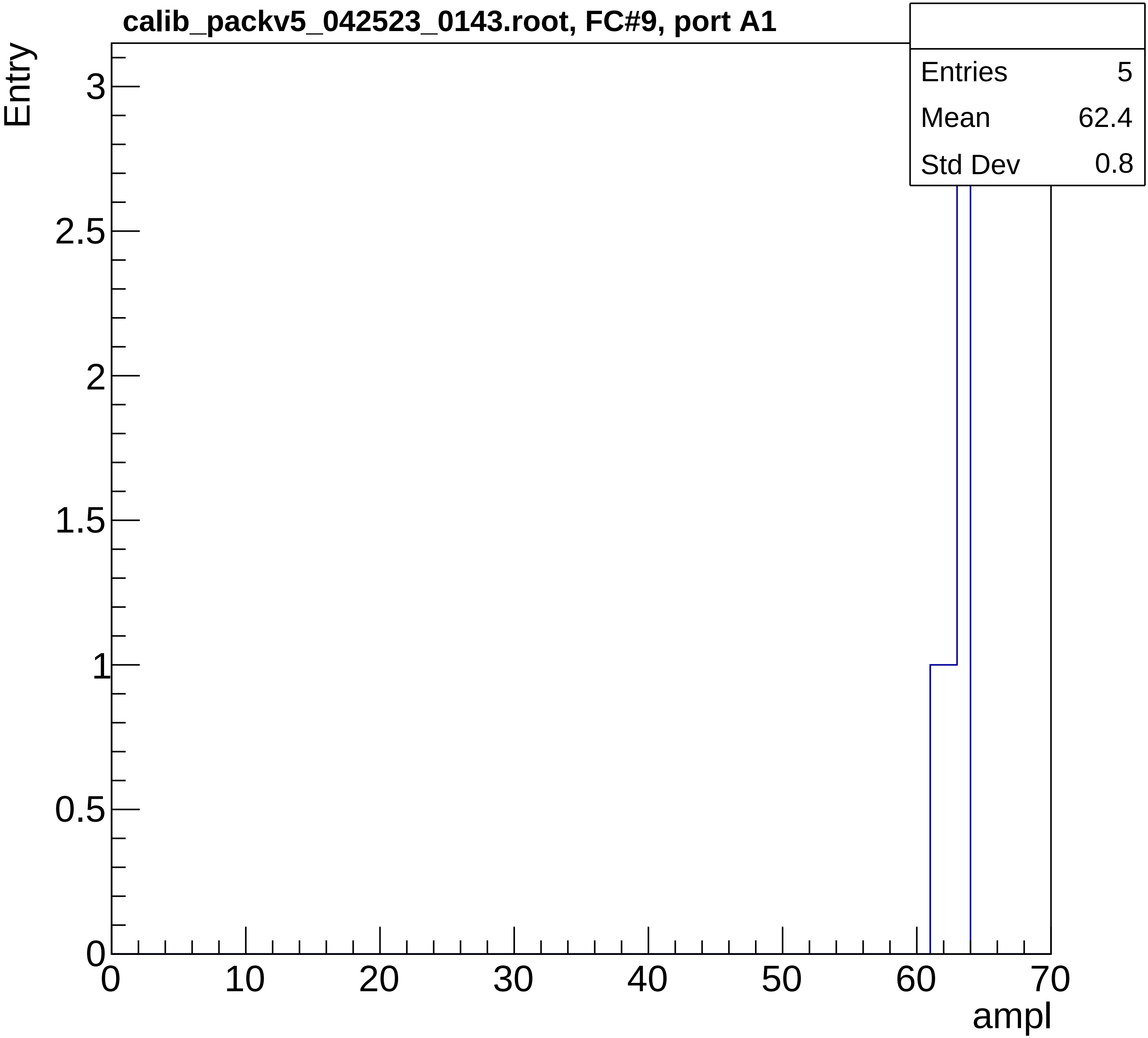


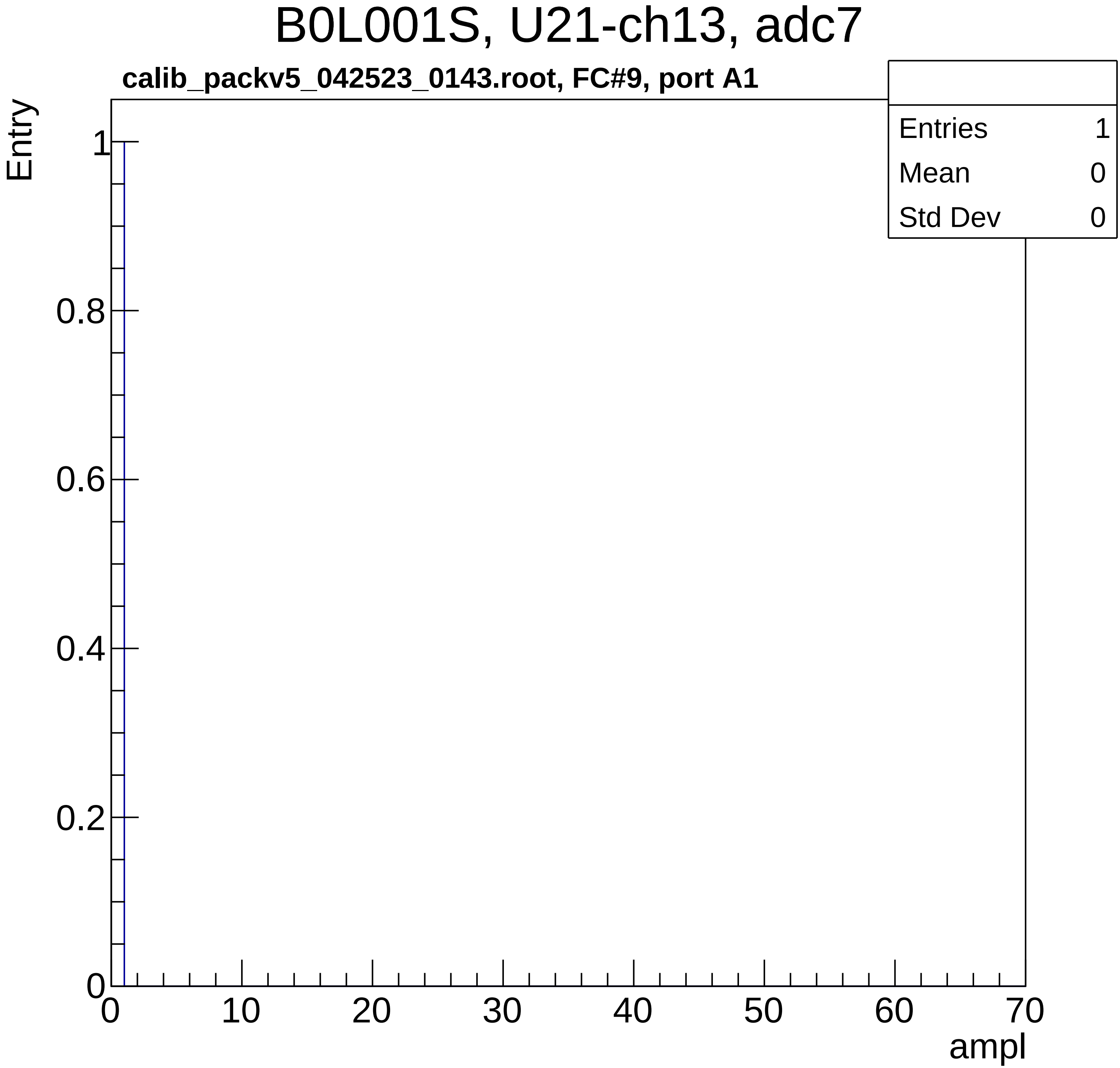
B0L001S, U21-ch13, adc4

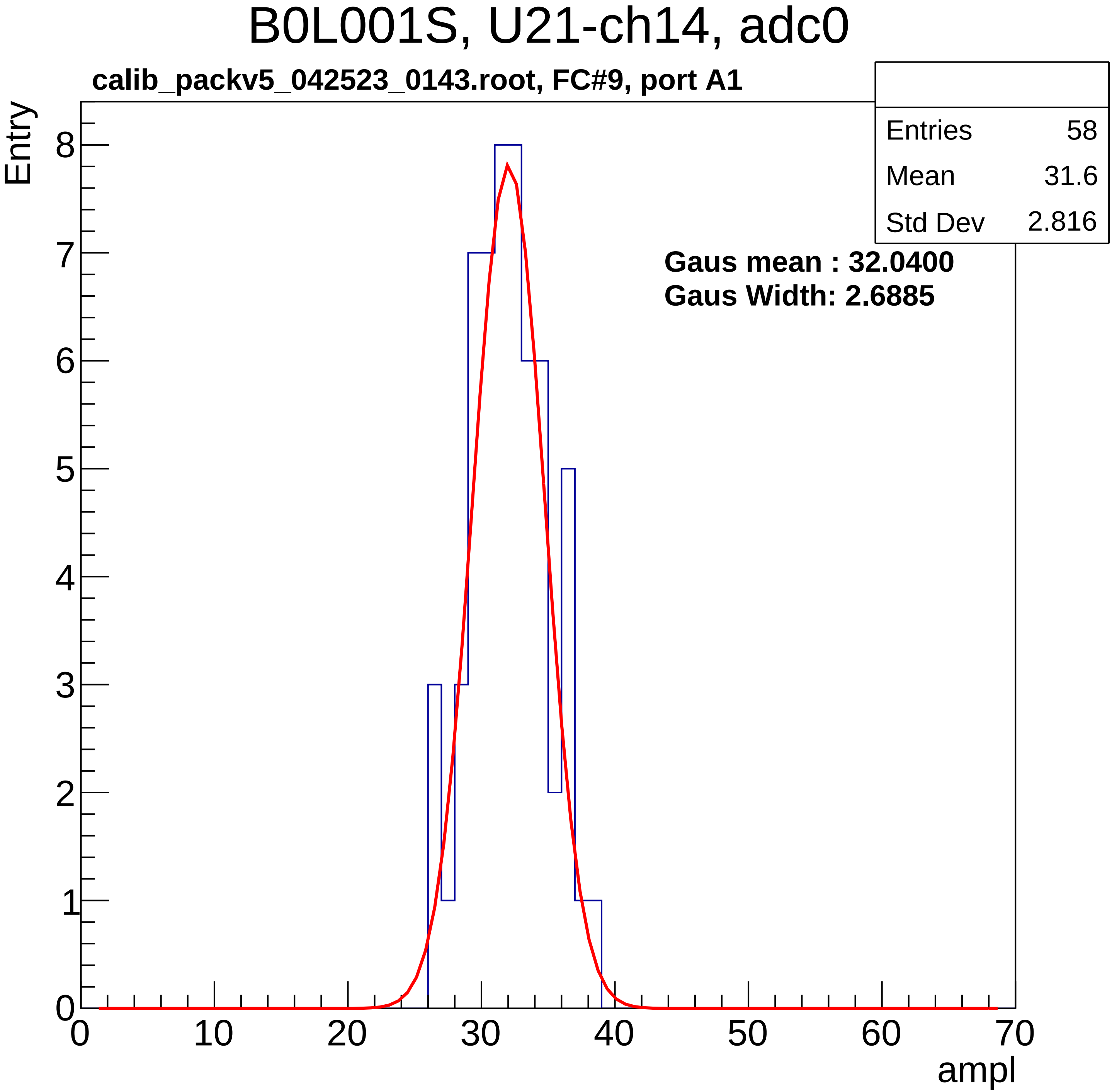



B0L001S, U21-ch13, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 58.63
Std Dev 8.51
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch13, adc6

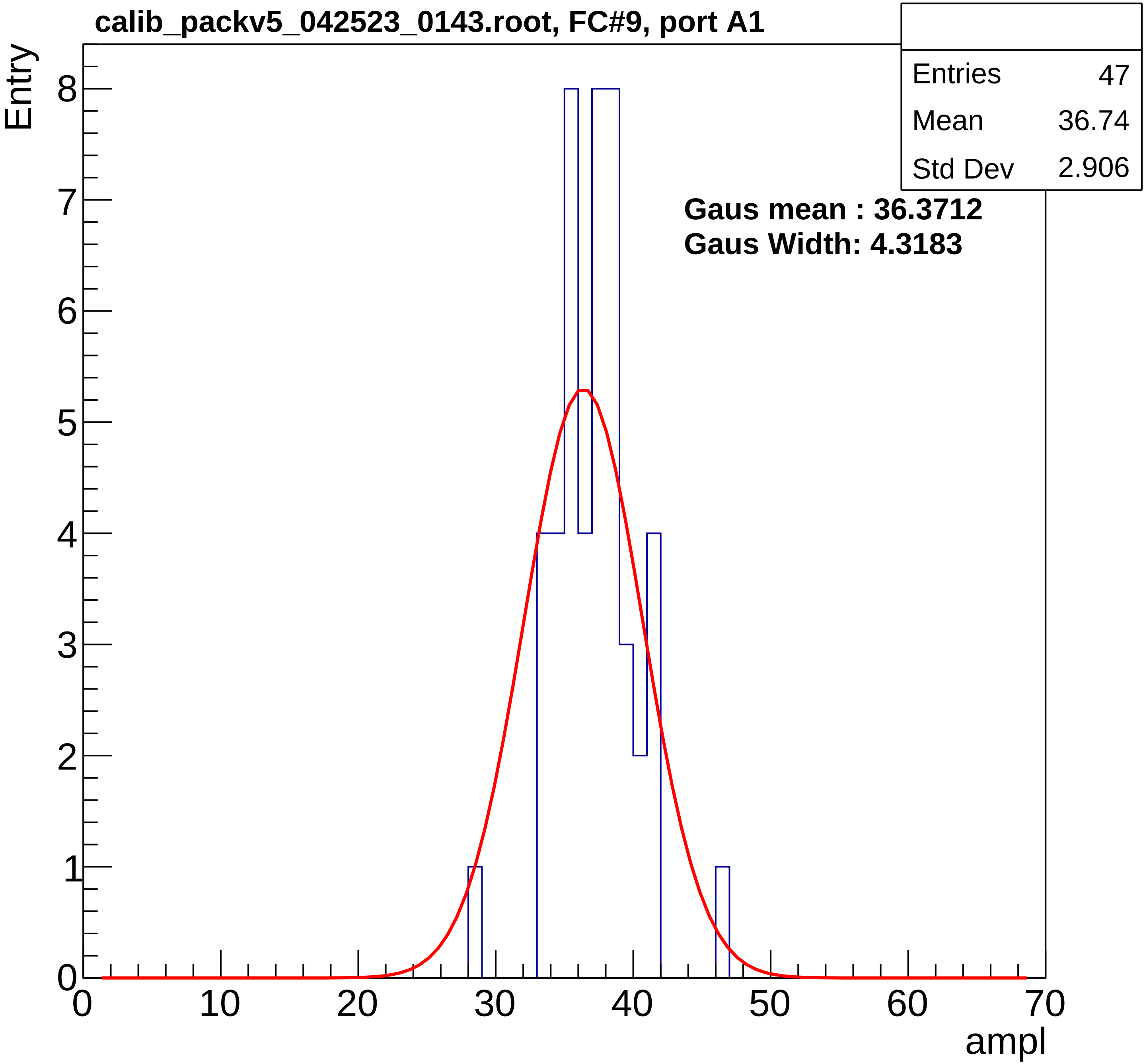



B0L001S, U21-ch13, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 1
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

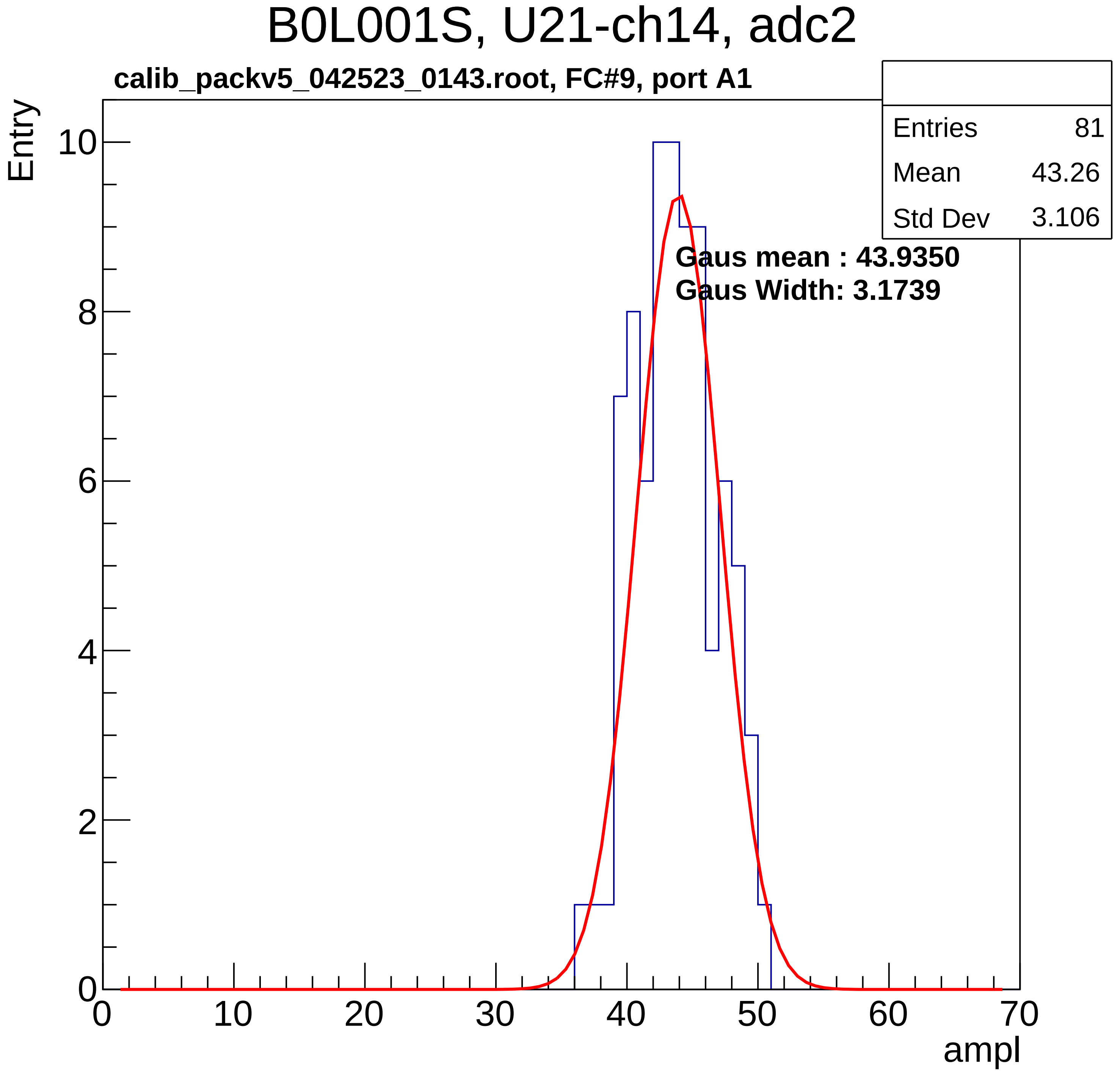

B0L001S, U21-ch14, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 31.6
Std Dev 2.816
Gaus mean : 32.0400
Gaus Width: 2.6885
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

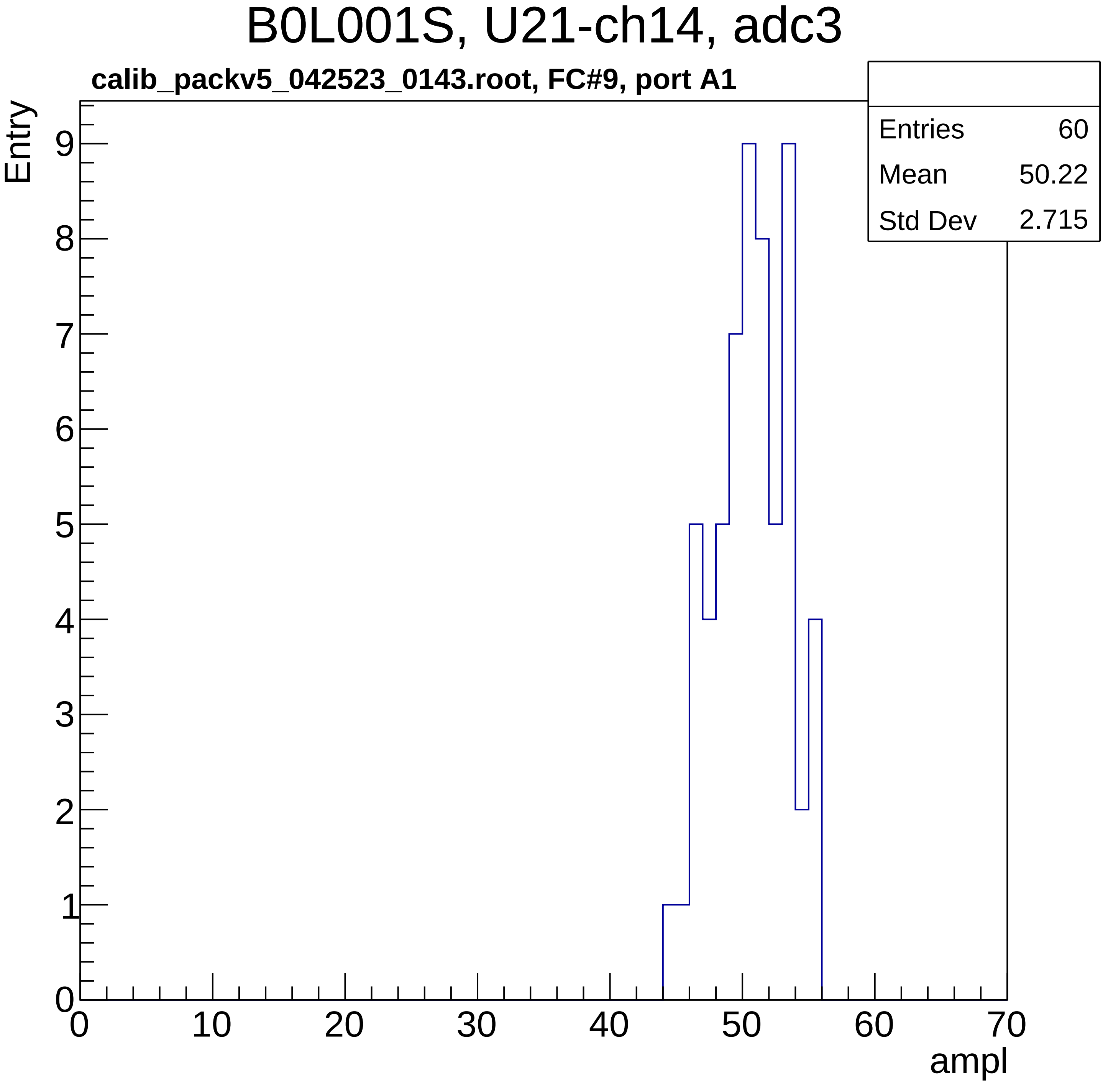
B0L001S, U21-ch14, adc1

calib_packv5_042523_0143.root, FC#9, port A1

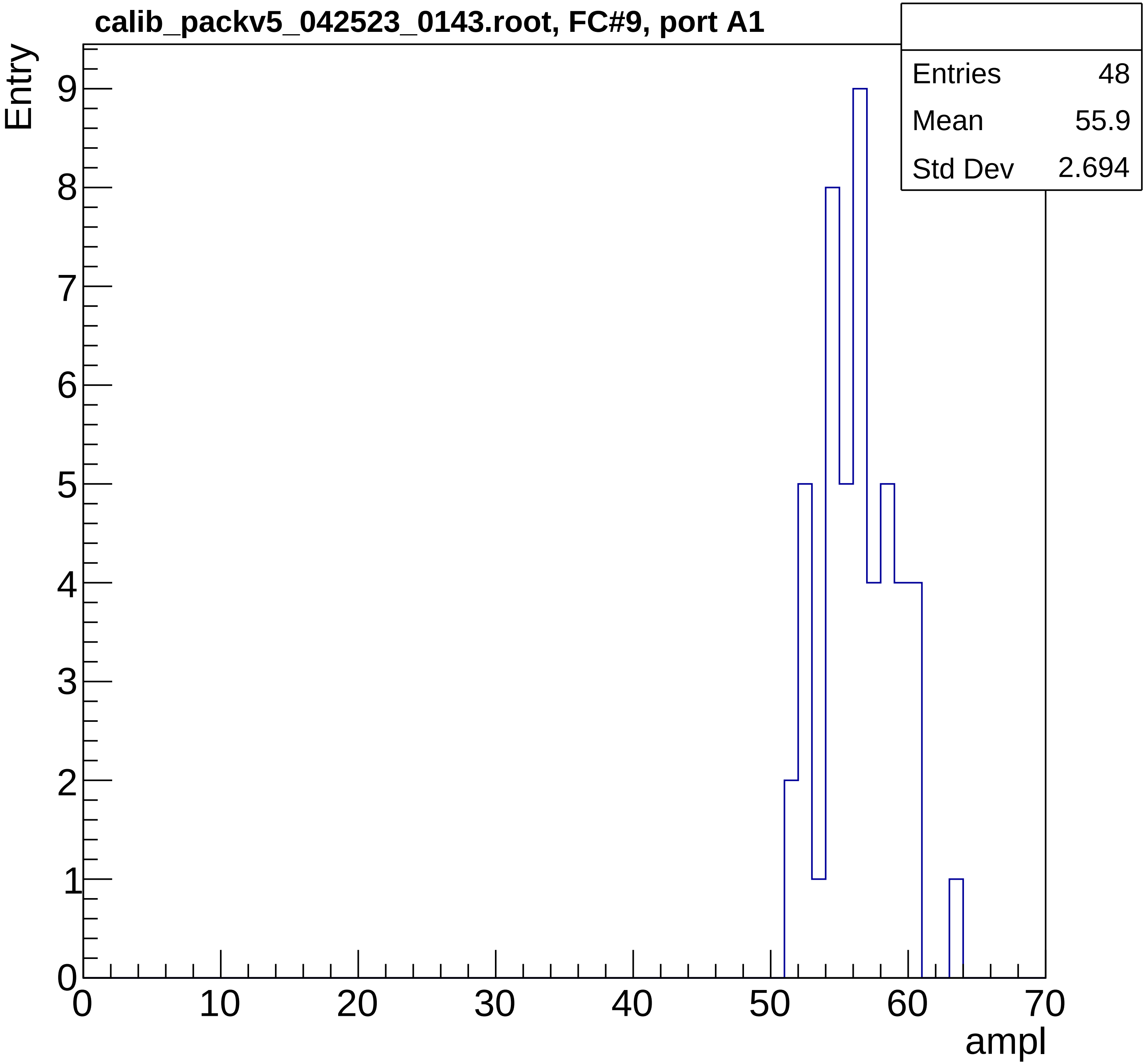


Gaus mean : 36.3712
Gaus Width: 4.3183

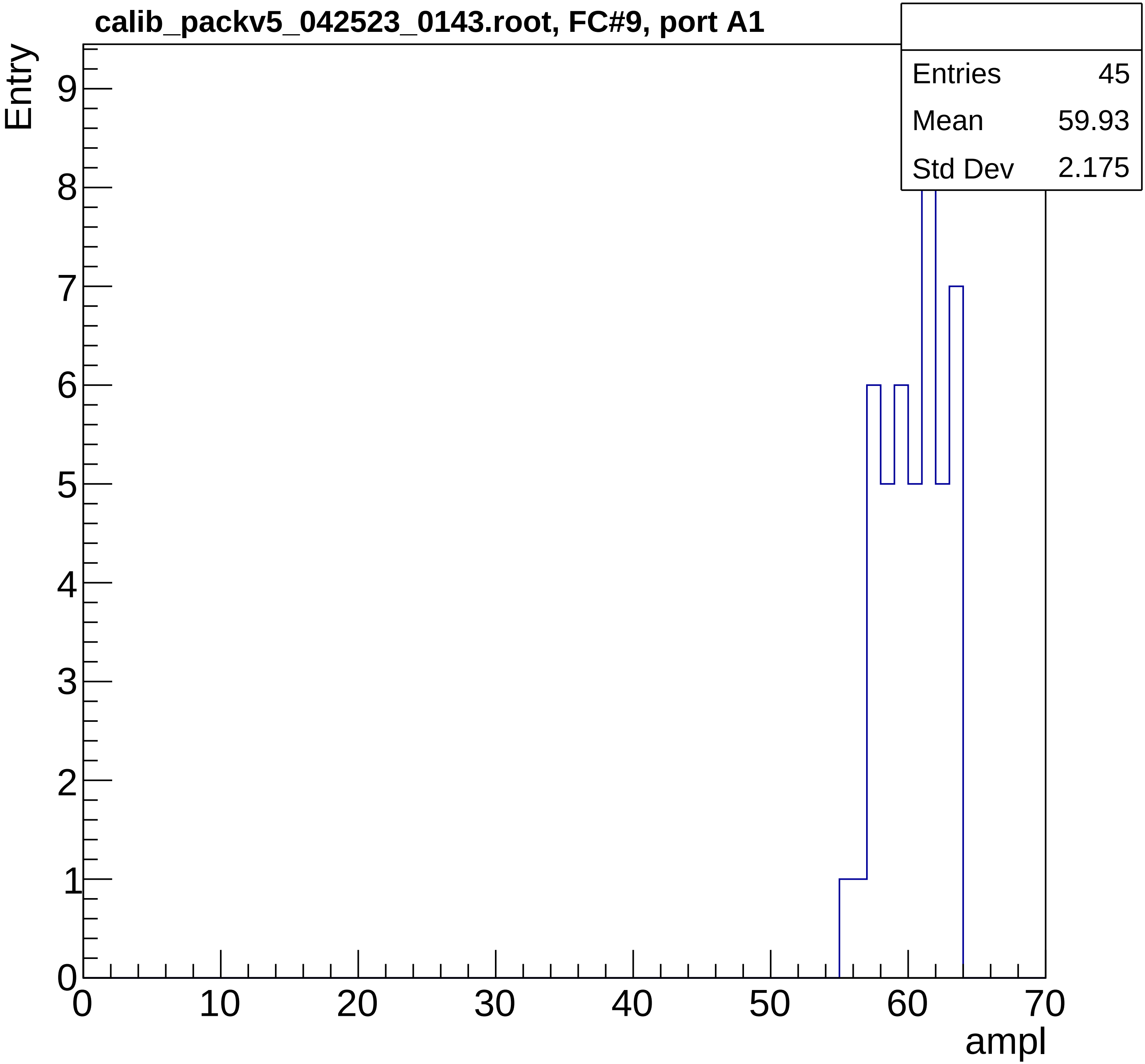

B0L001S, U21-ch14, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 81
Mean 43.26
Std Dev 3.106
Gaus mean : 43.9350
Gaus Width: 3.1739
0
2
4
6
8
10
0
10
20
30
40
50
60
70

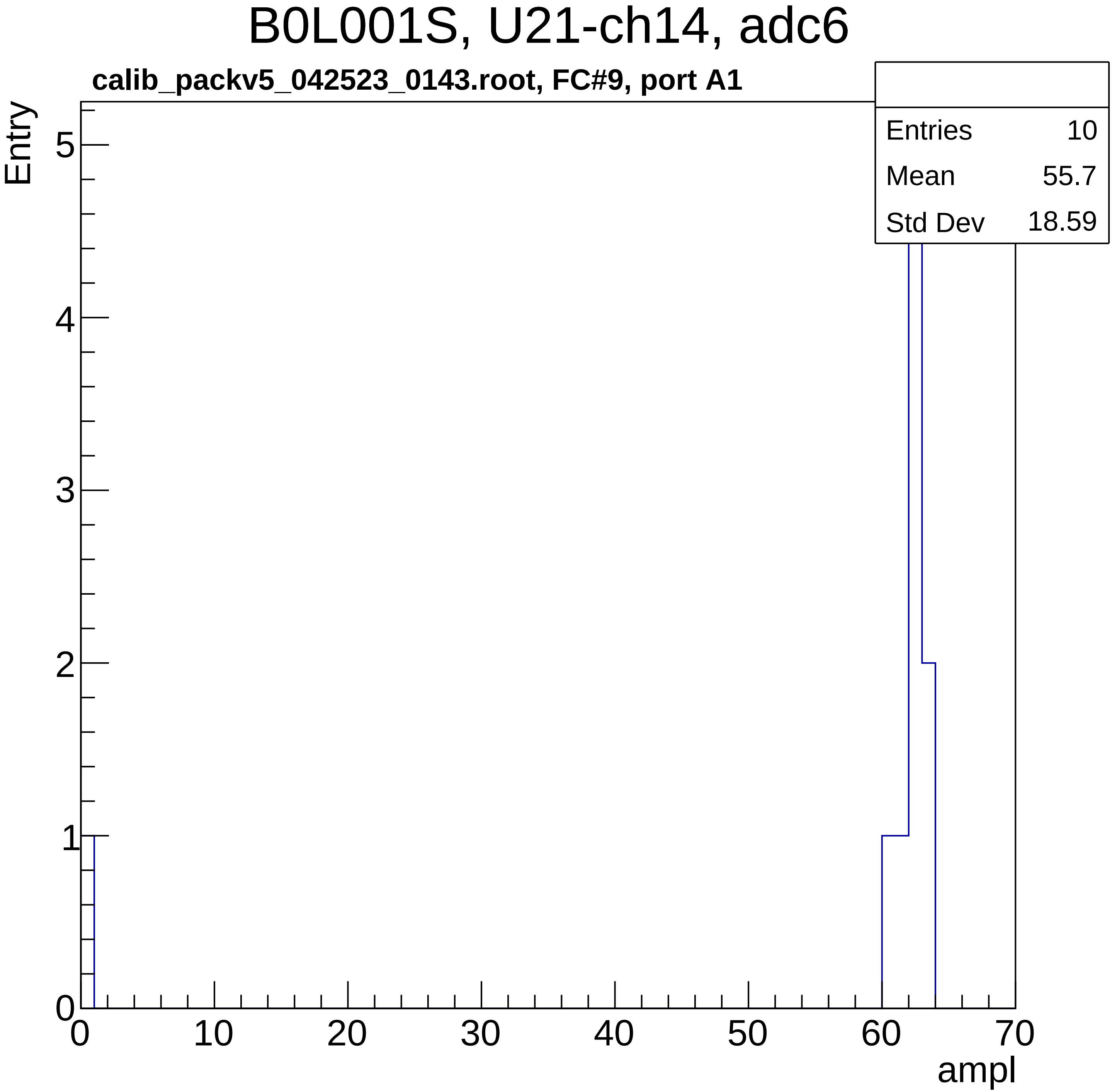

B0L001S, U21-ch14, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 50.22
Std Dev 2.715
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch14, adc4

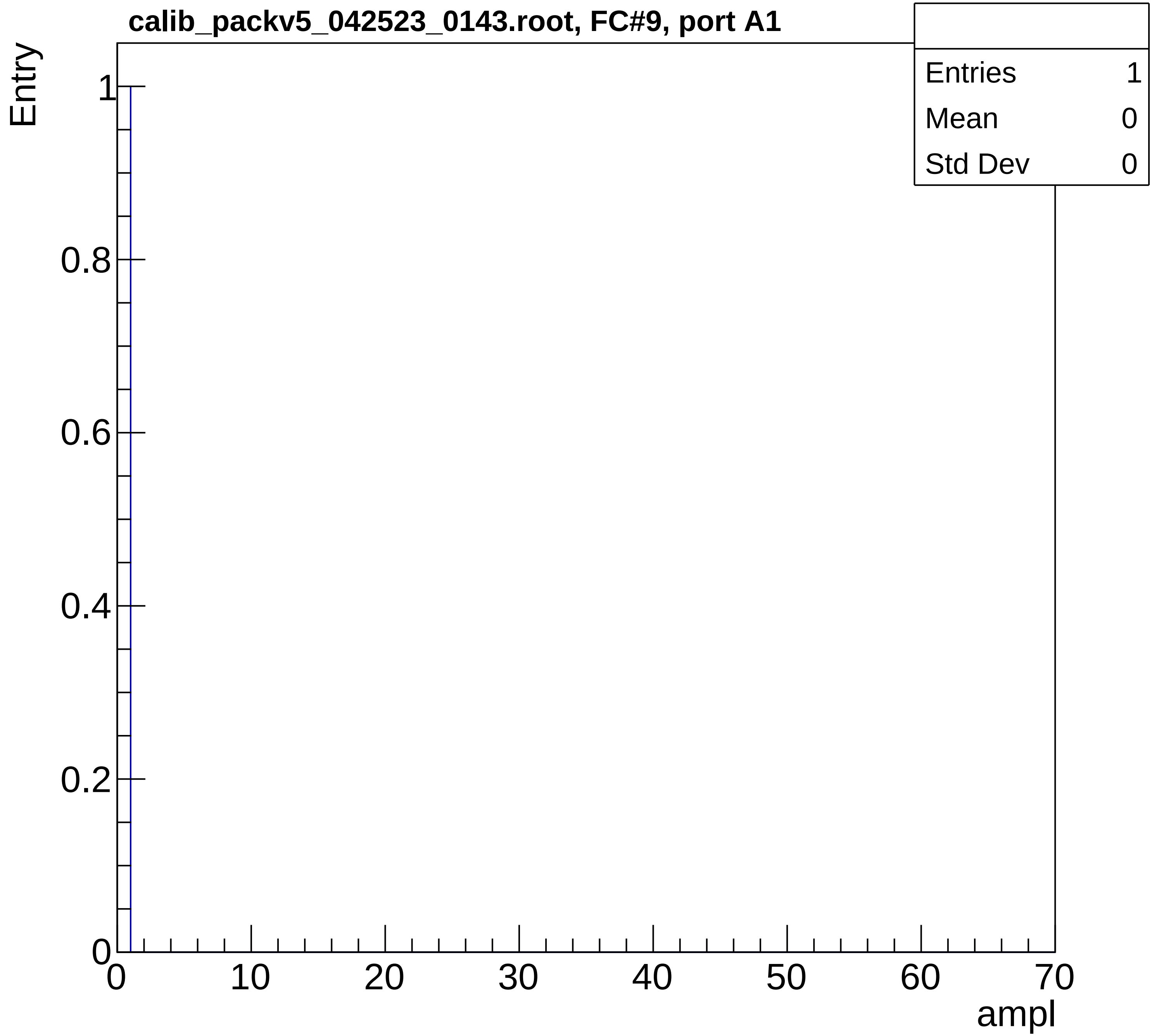


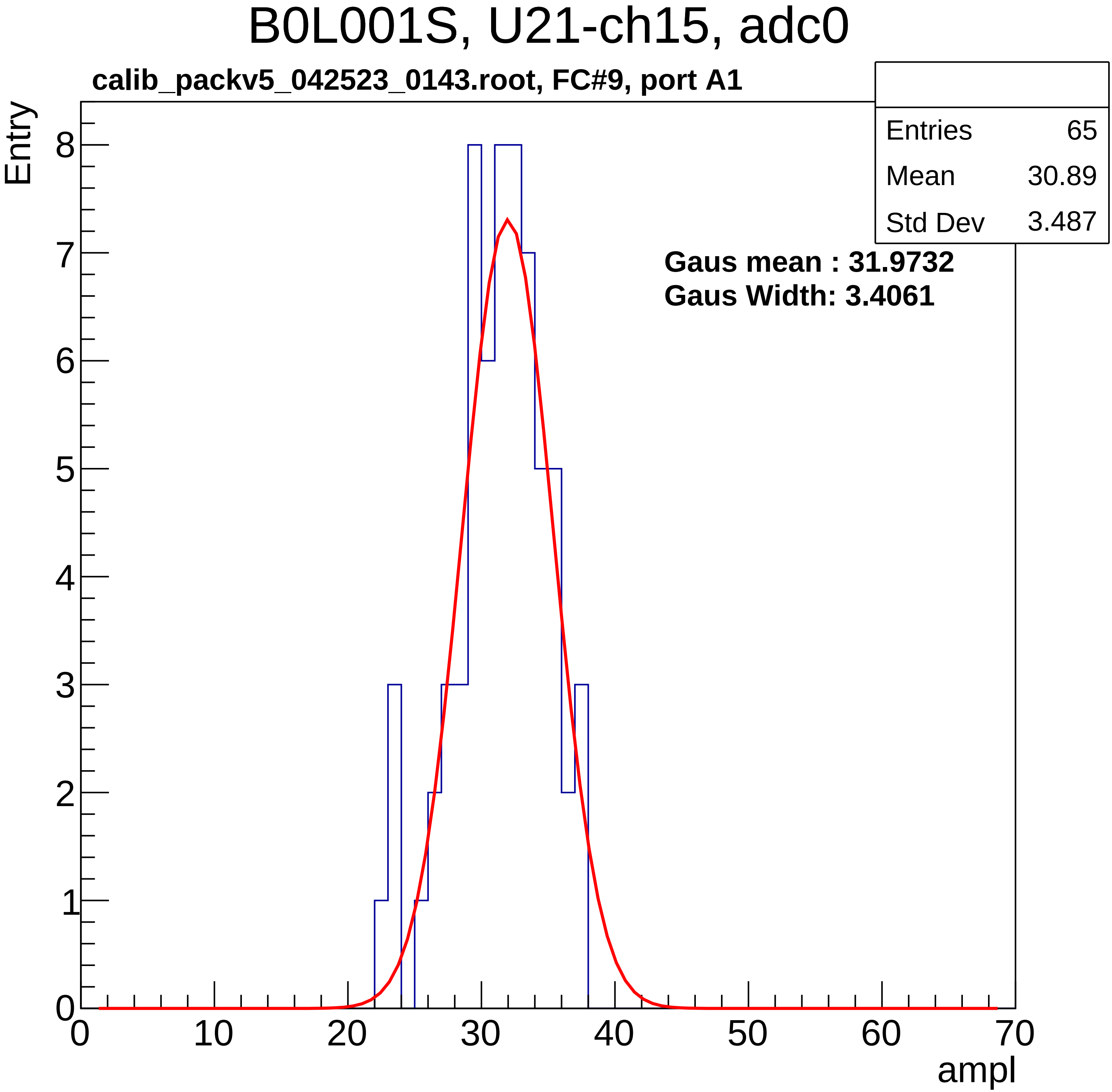
B0L001S, U21-ch14, adc5

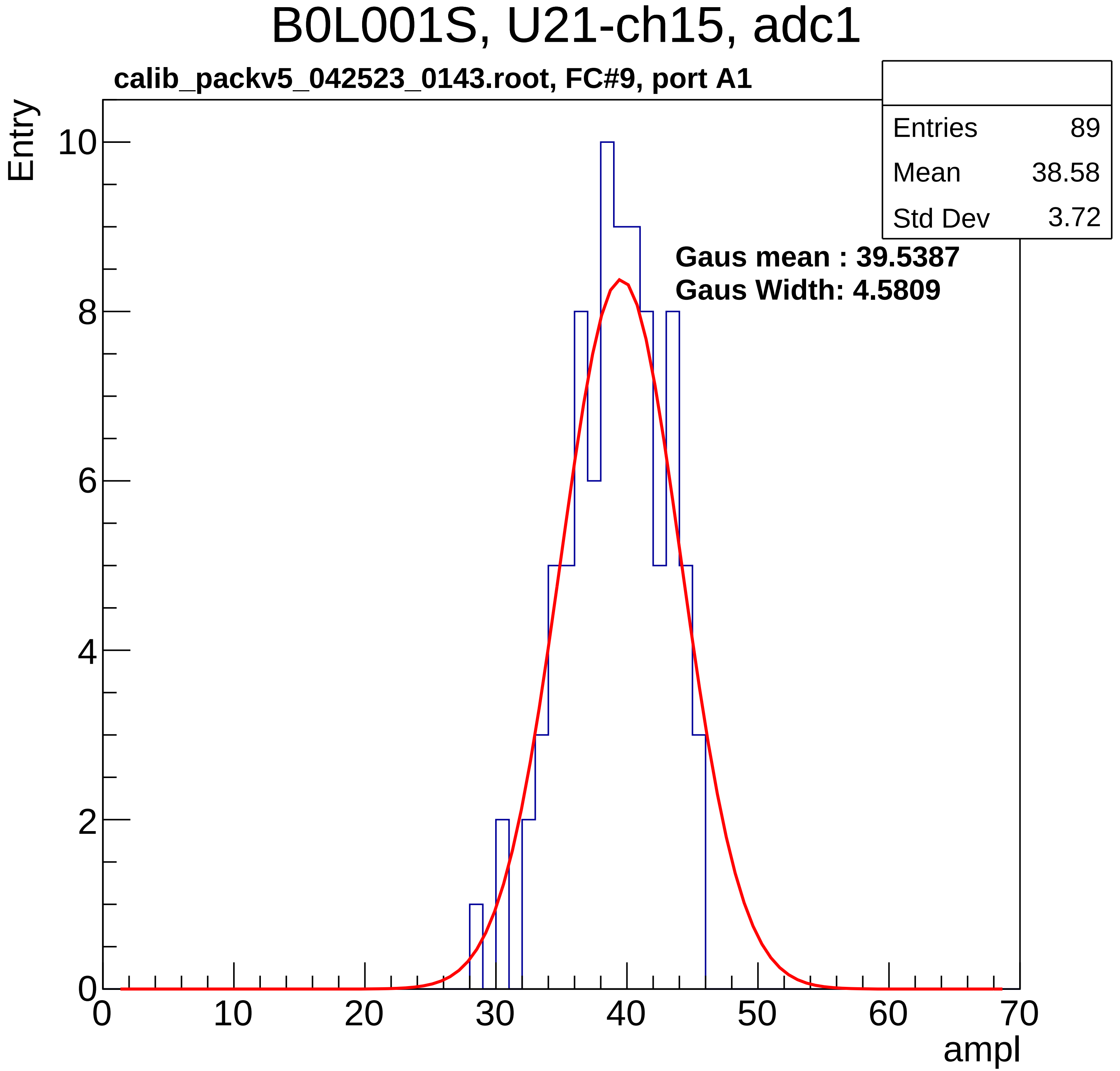


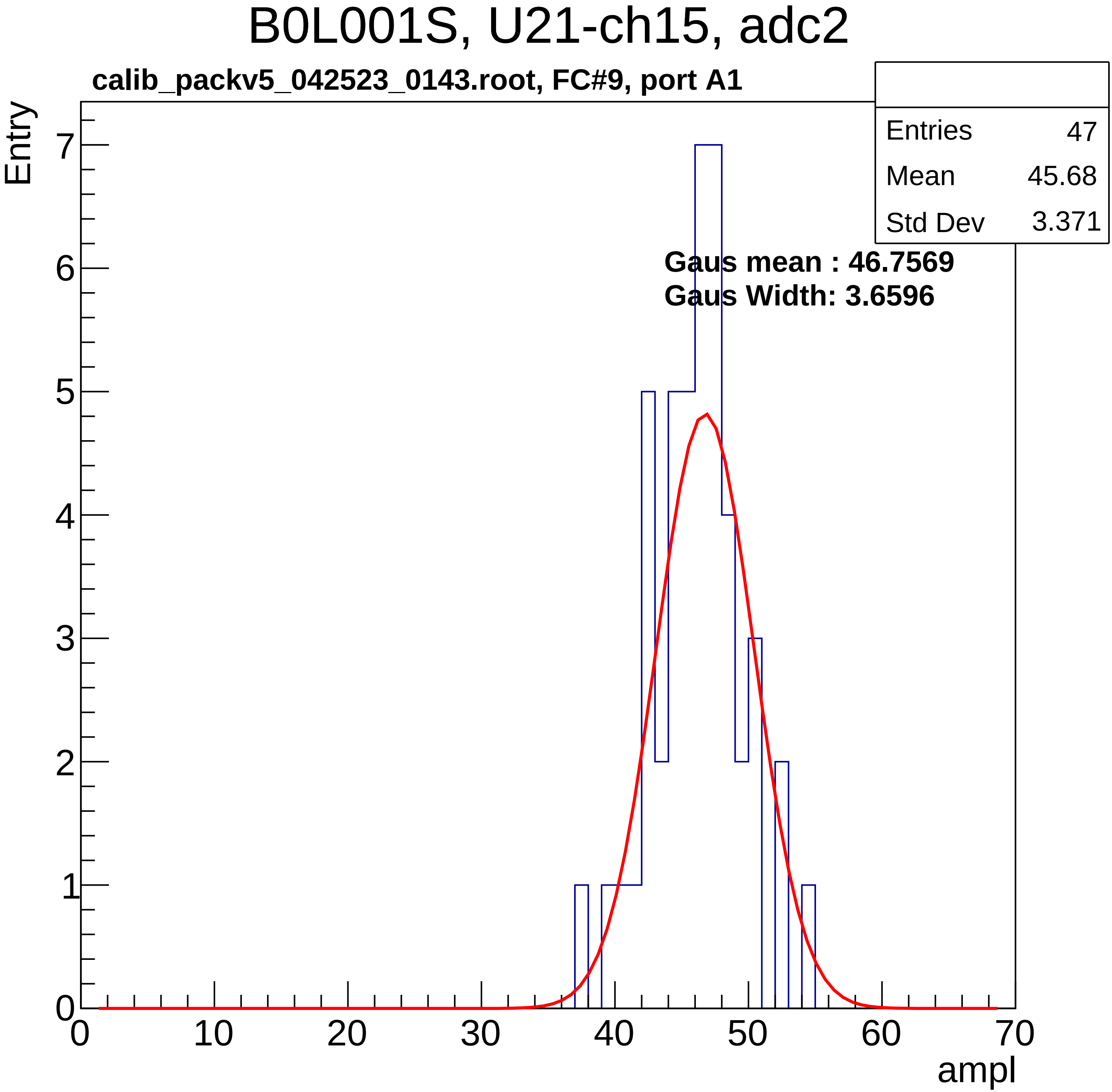

B0L001S, U21-ch14, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 10
Mean 55.7
Std Dev 18.59
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch14, adc7

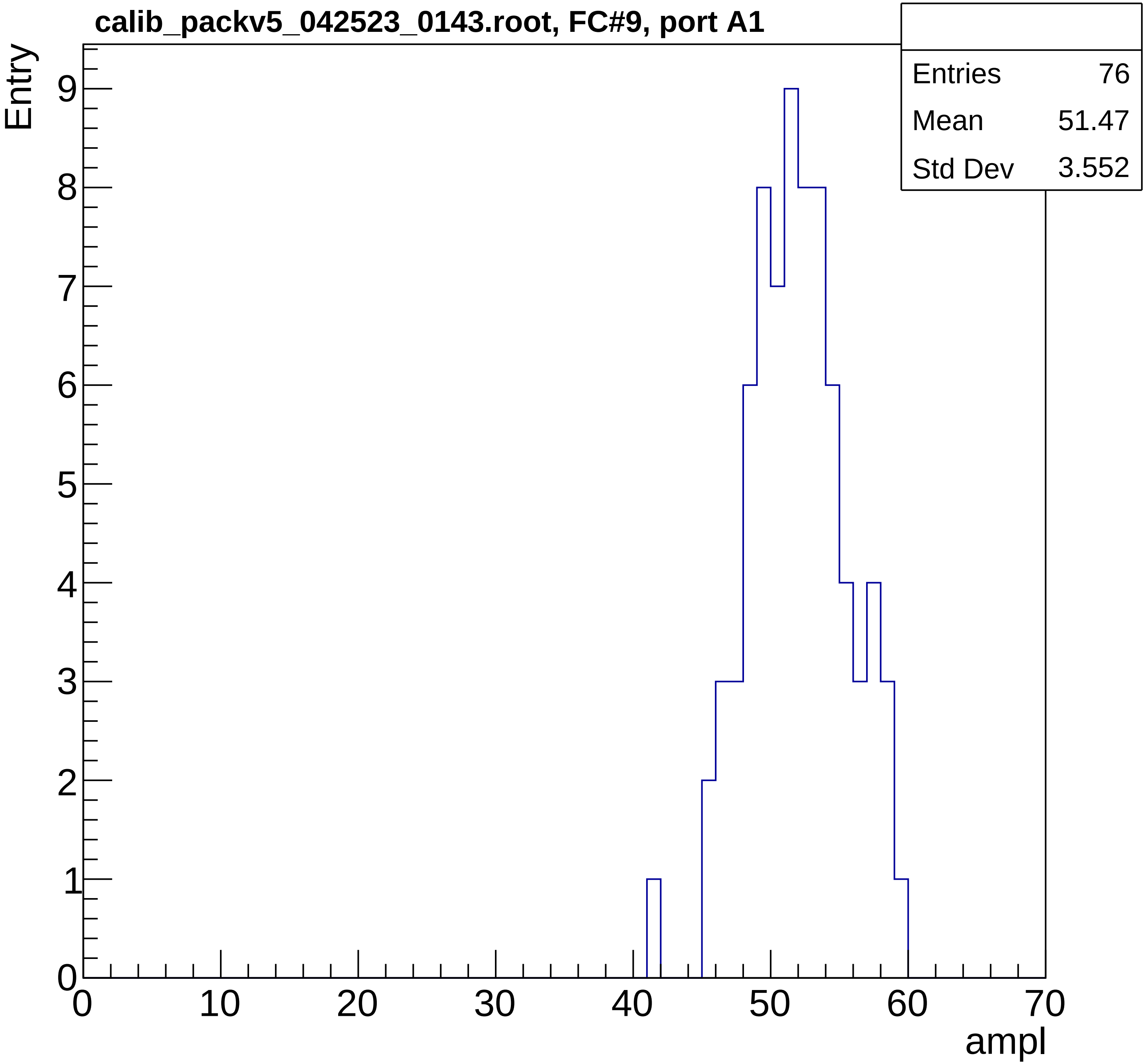


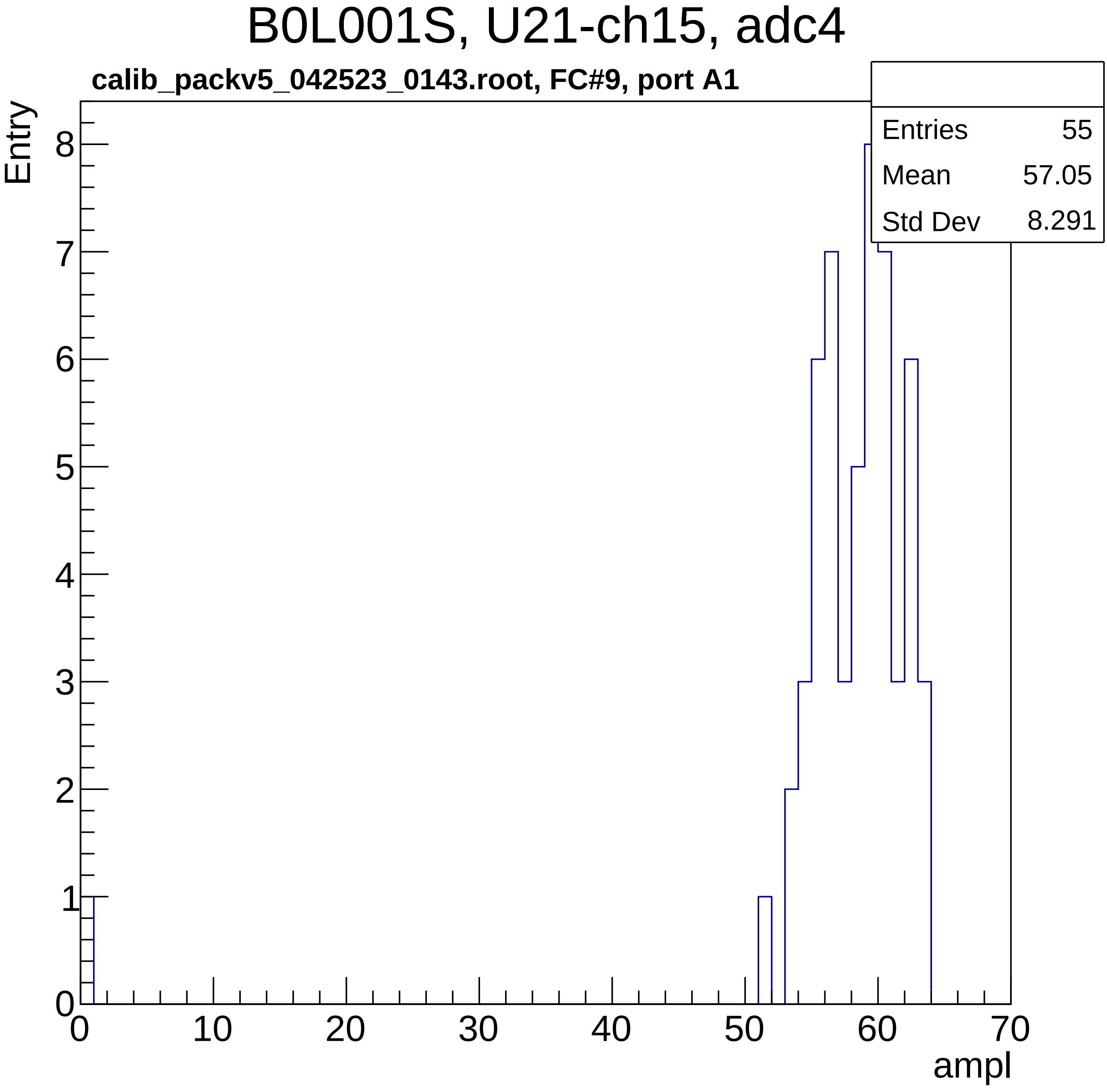

B0L001S, U21-ch15, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 30.89
Std Dev 3.487
Gaus mean : 31.9732
Gaus Width: 3.4061
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch15, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 38.58
Std Dev 3.72
Gaus mean : 39.5387
Gaus Width: 4.5809
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

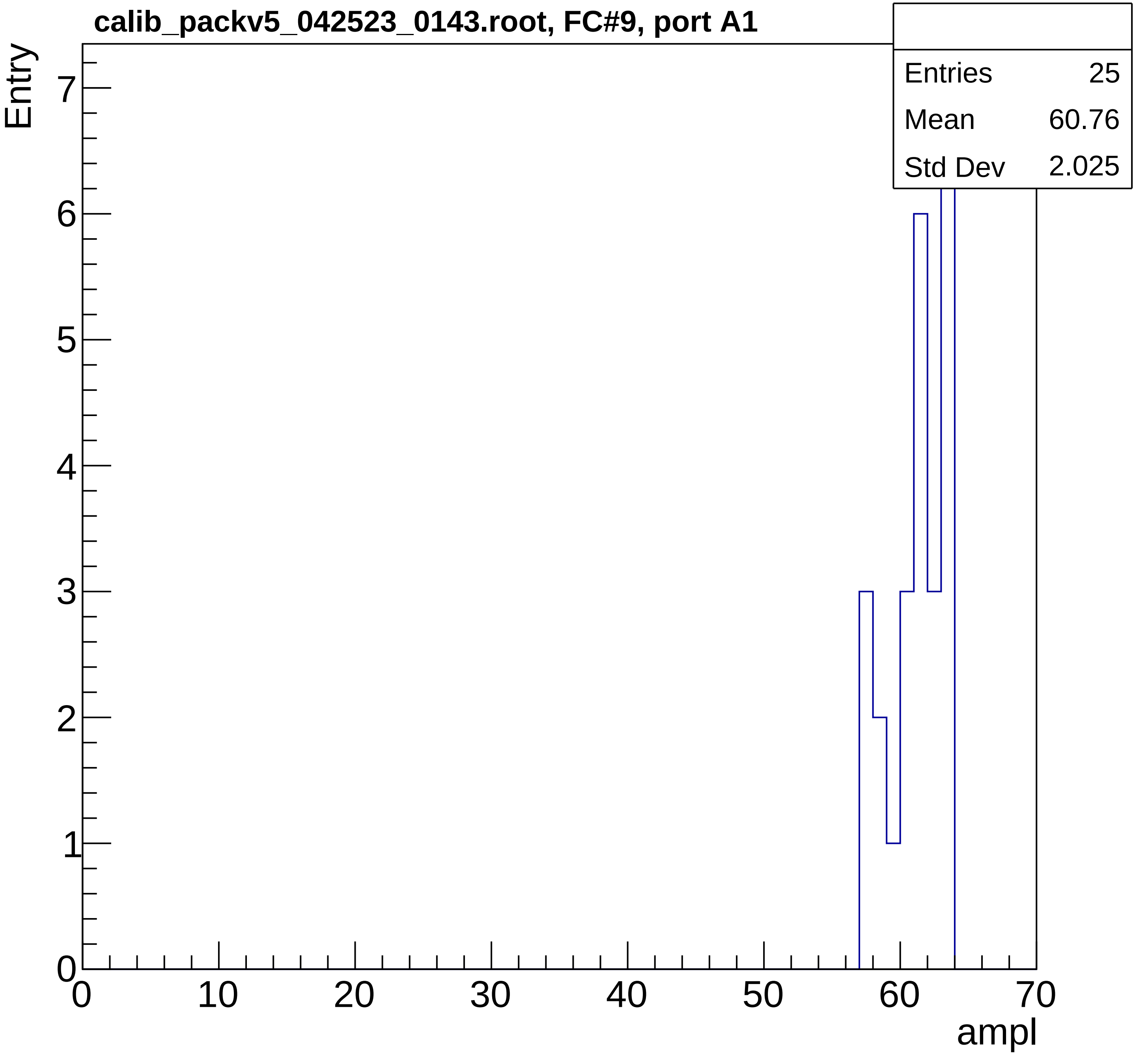

B0L001S, U21-ch15, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 45.68
Std Dev 3.371
Gaus mean : 46.7569
Gaus Width: 3.6596
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

B0L001S, U21-ch15, adc3

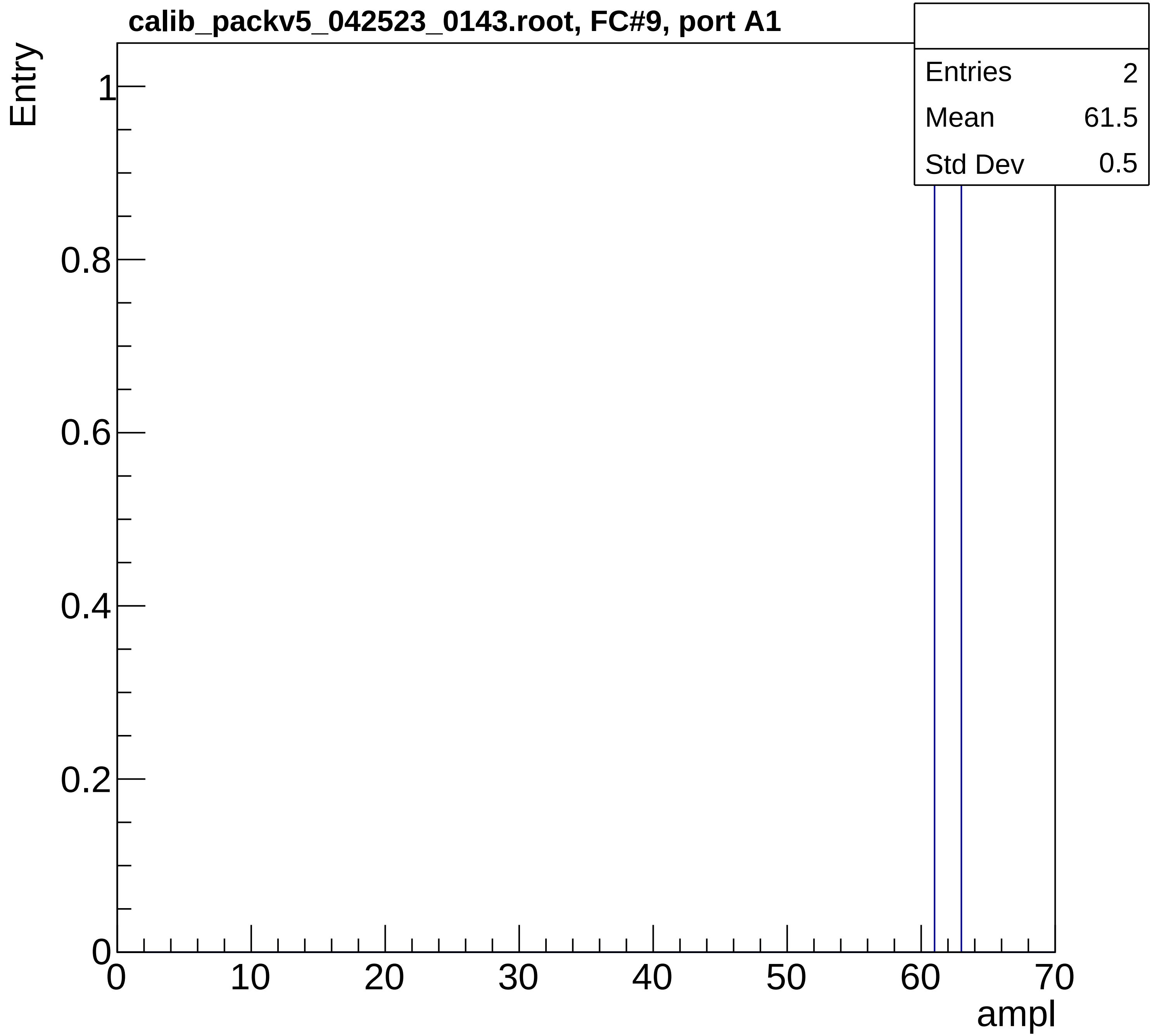


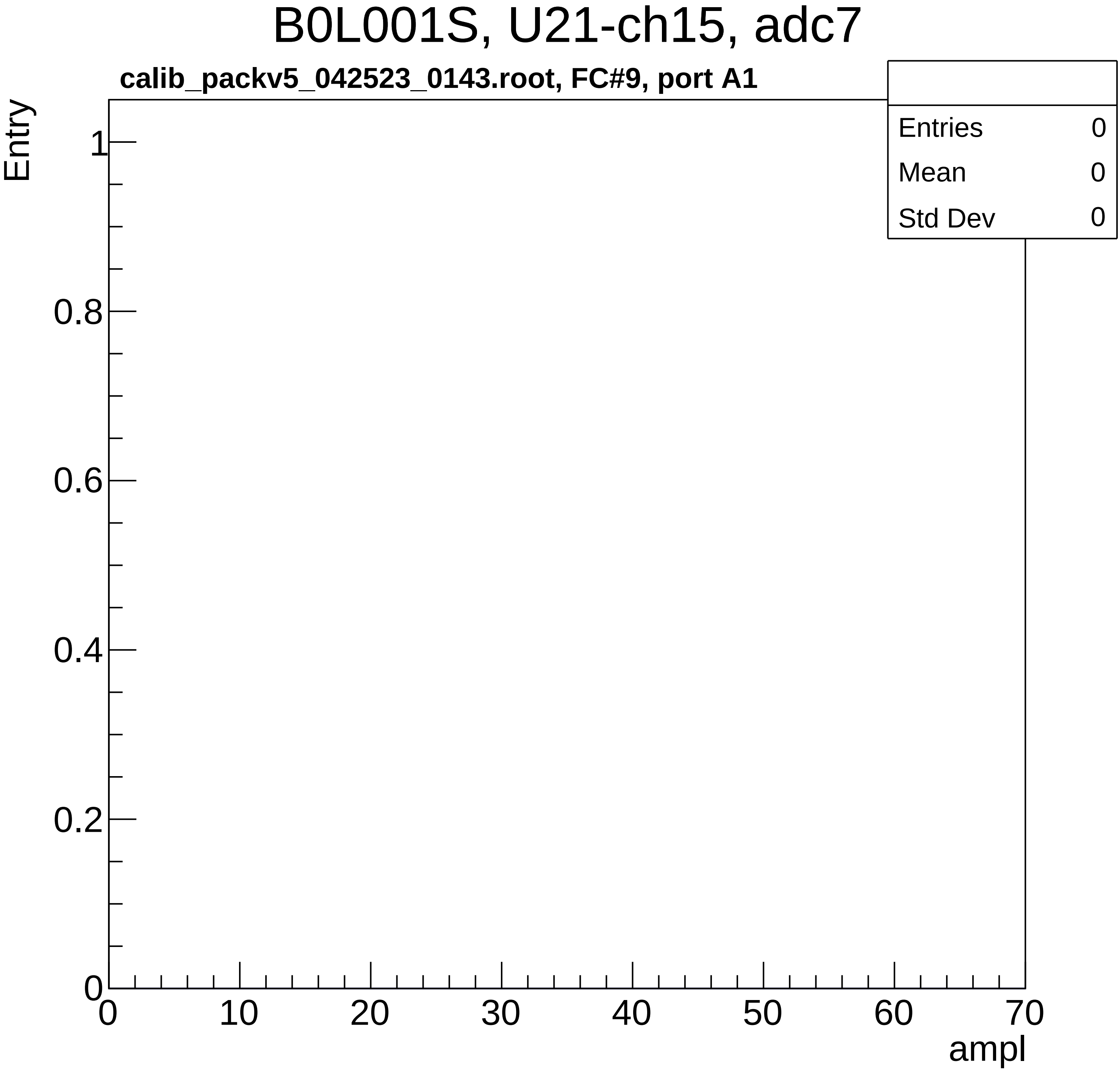

B0L001S, U21-ch15, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 57.05
Std Dev 8.291
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

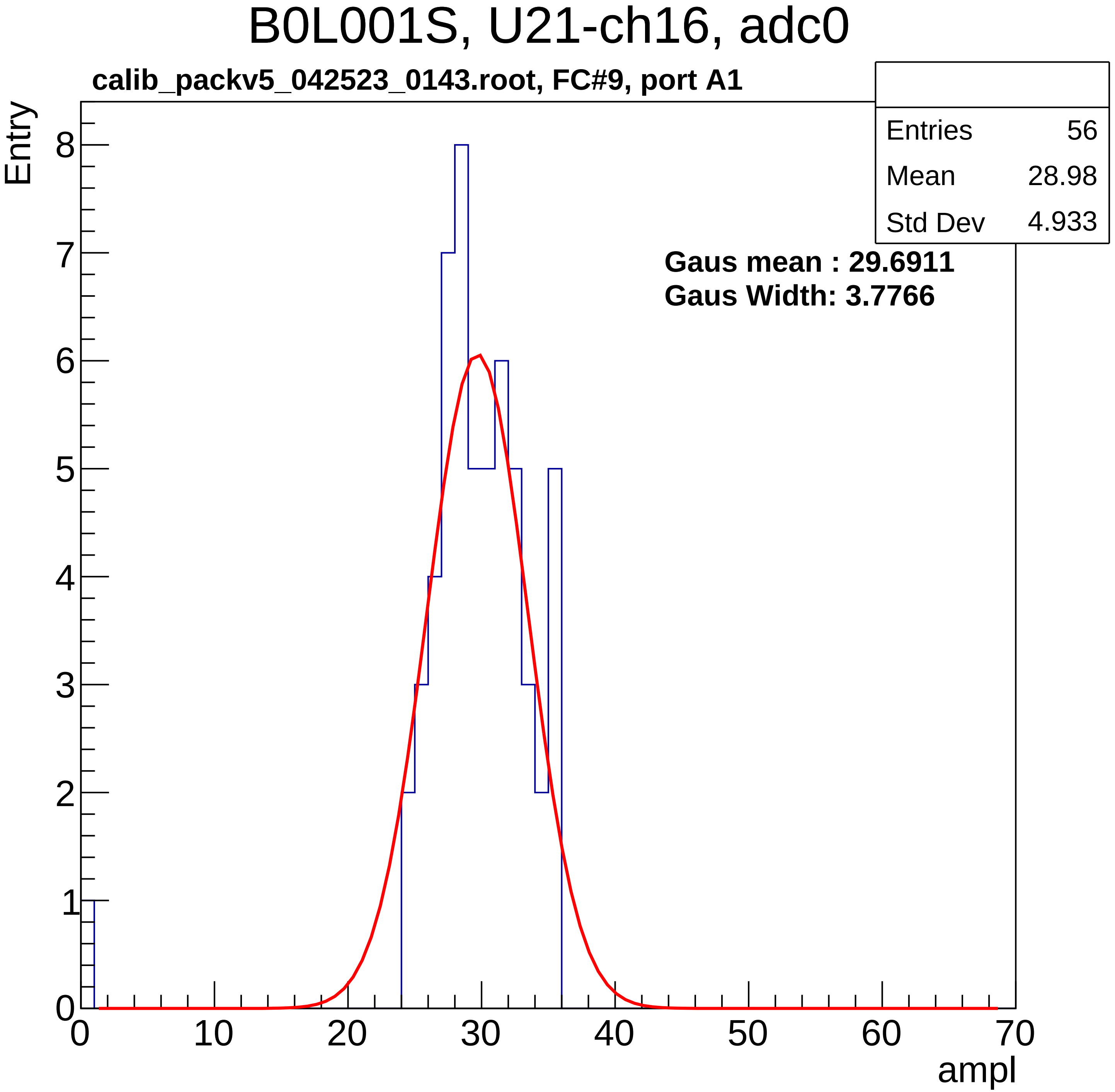
B0L001S, U21-ch15, adc5

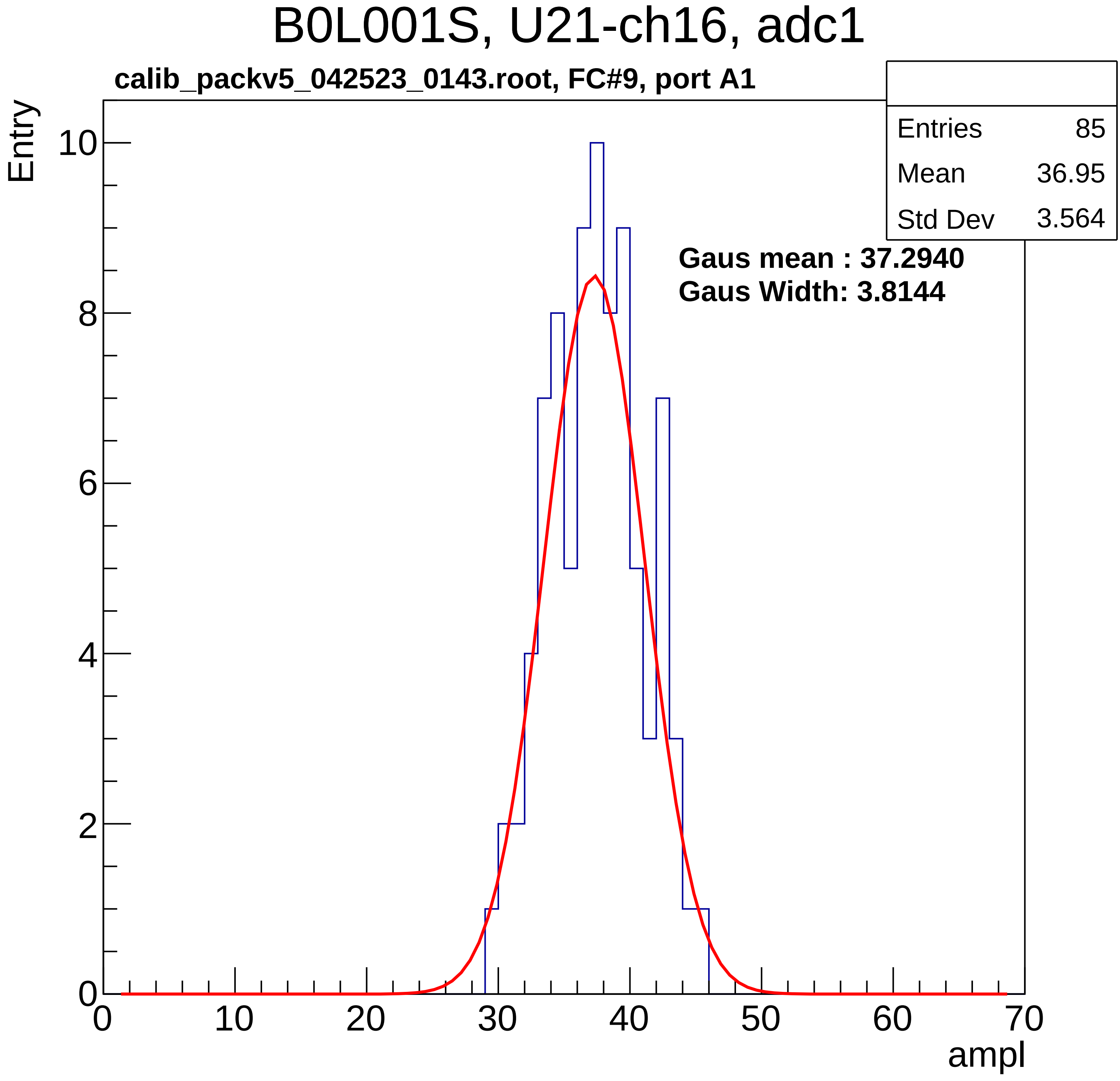


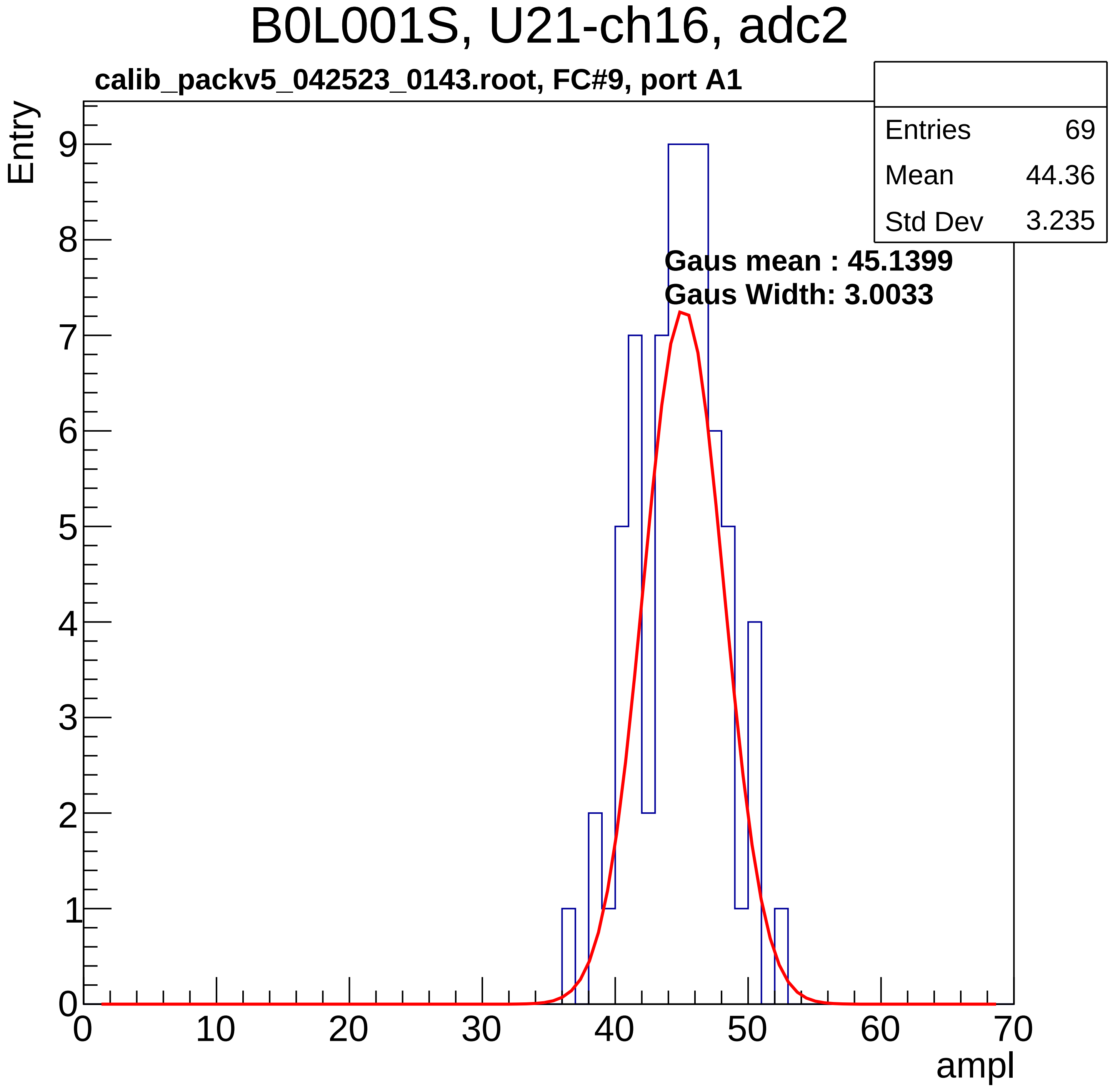
B0L001S, U21-ch15, adc6



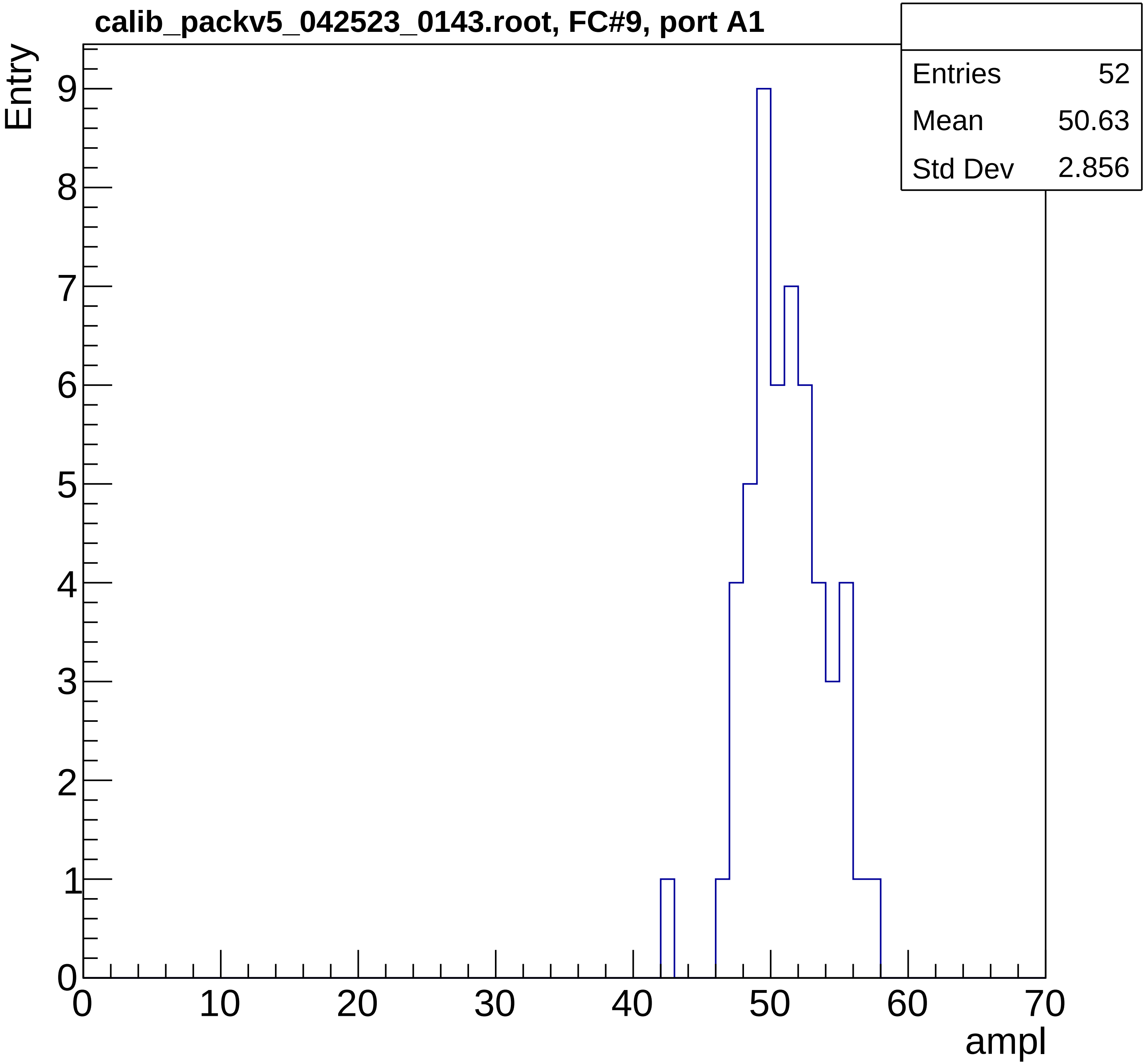

B0L001S, U21-ch15, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch16, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 28.98
Std Dev 4.933
Gaus mean : 29.6911
Gaus Width: 3.7766
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

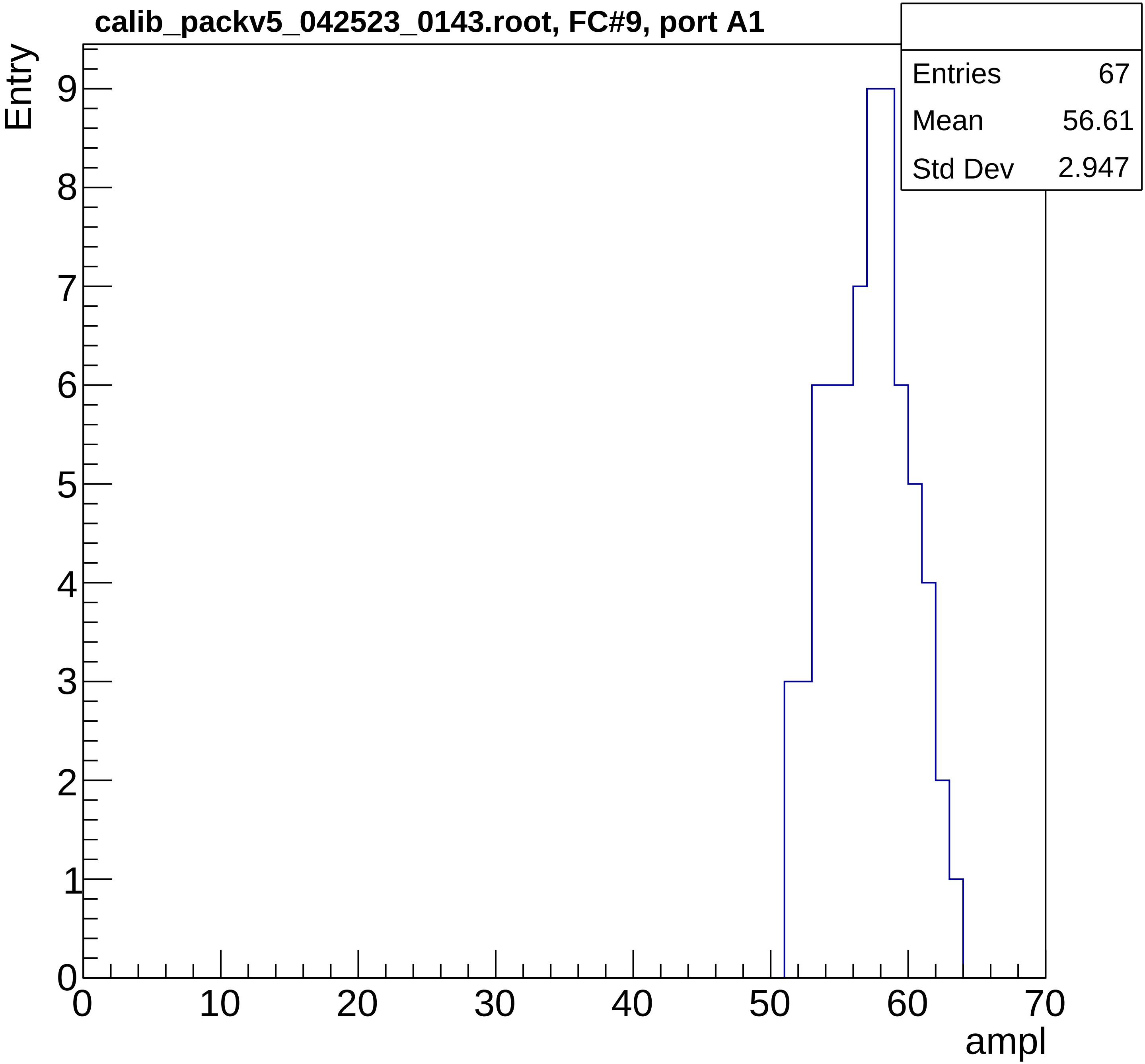

B0L001S, U21-ch16, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 85
Mean 36.95
Std Dev 3.564
Gaus mean : 37.2940
Gaus Width: 3.8144
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch16, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.36
Std Dev 3.235
Gaus mean : 45.1399
Gaus Width: 3.0033
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

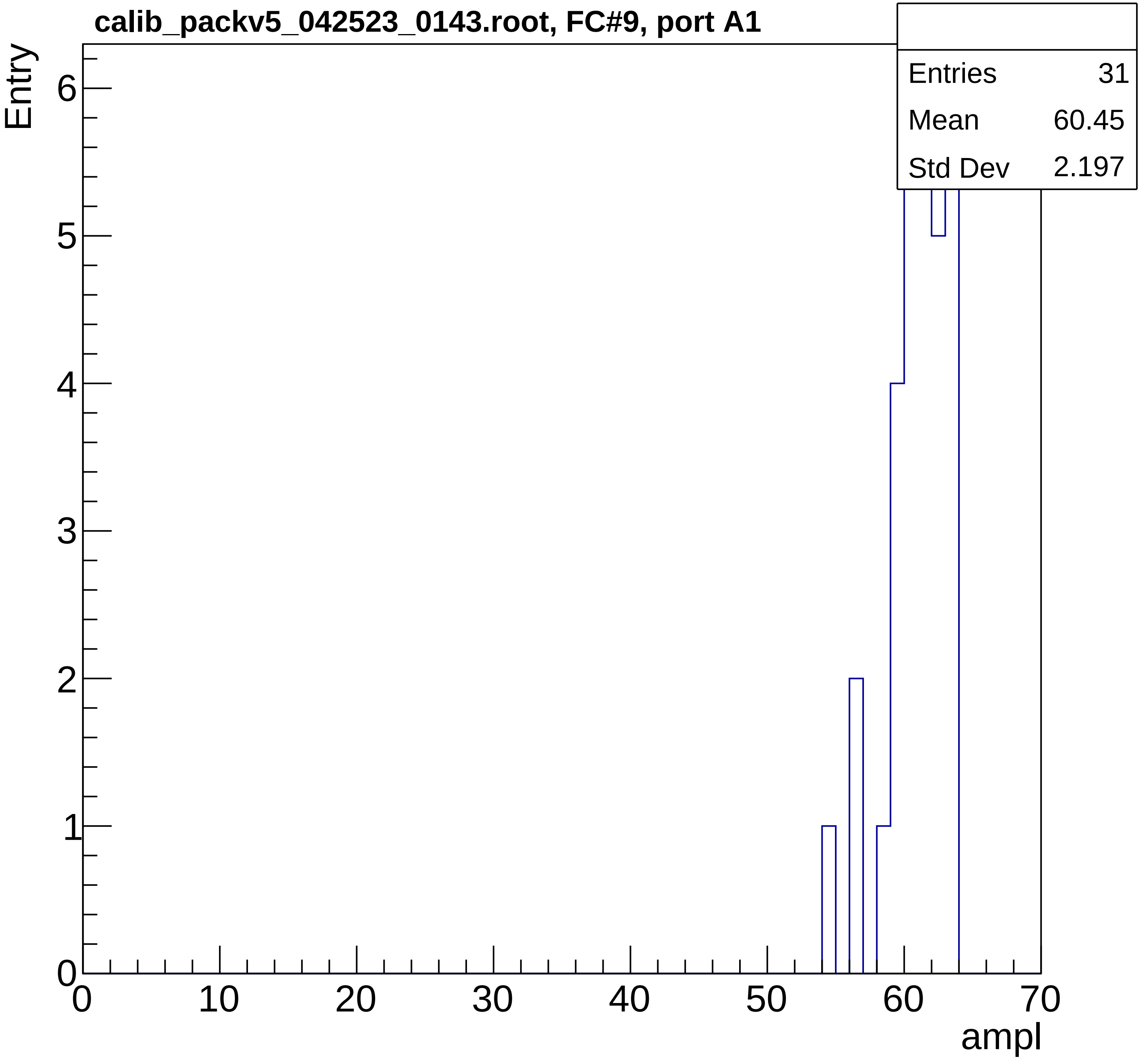
B0L001S, U21-ch16, adc3

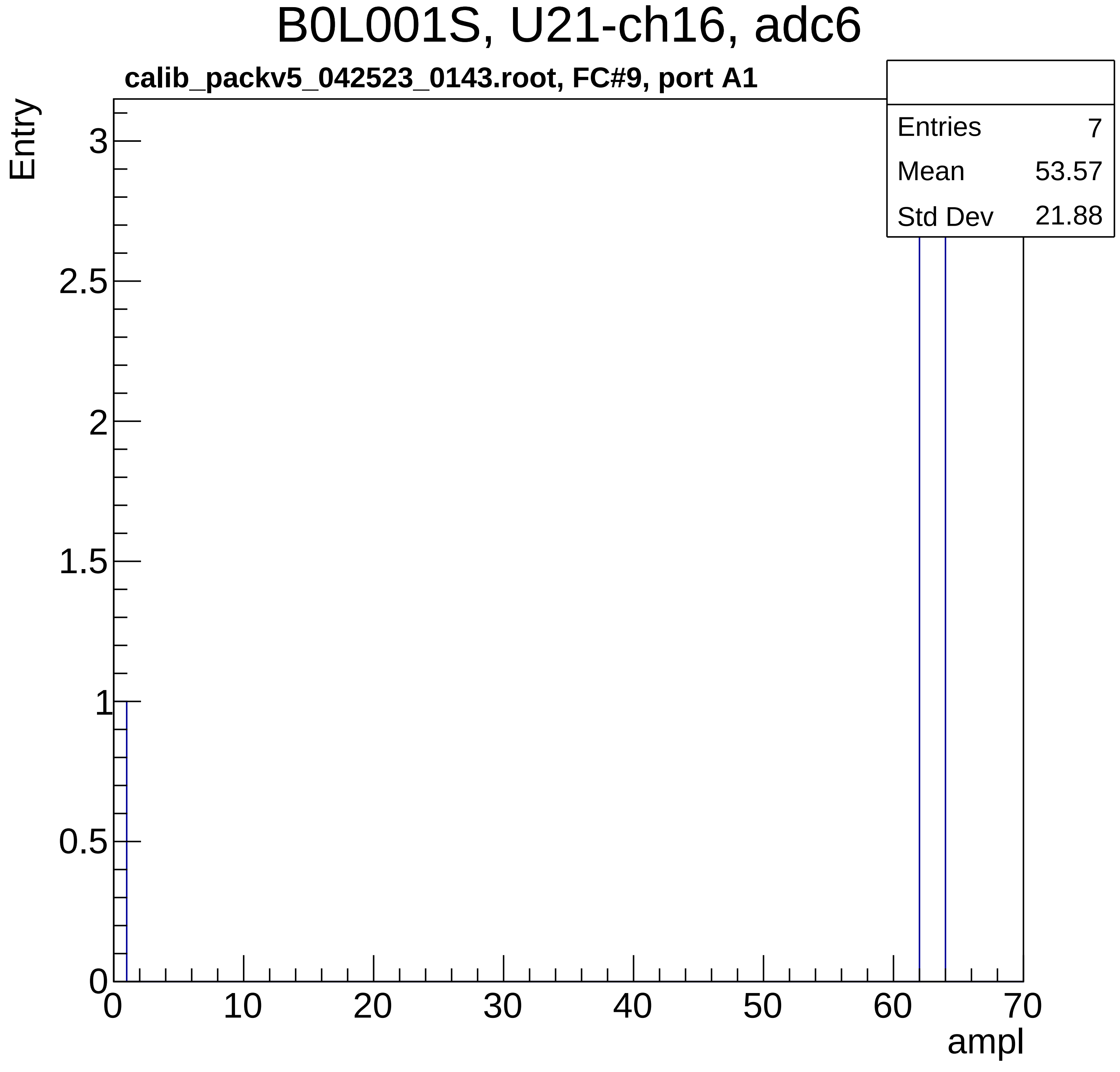


B0L001S, U21-ch16, adc4

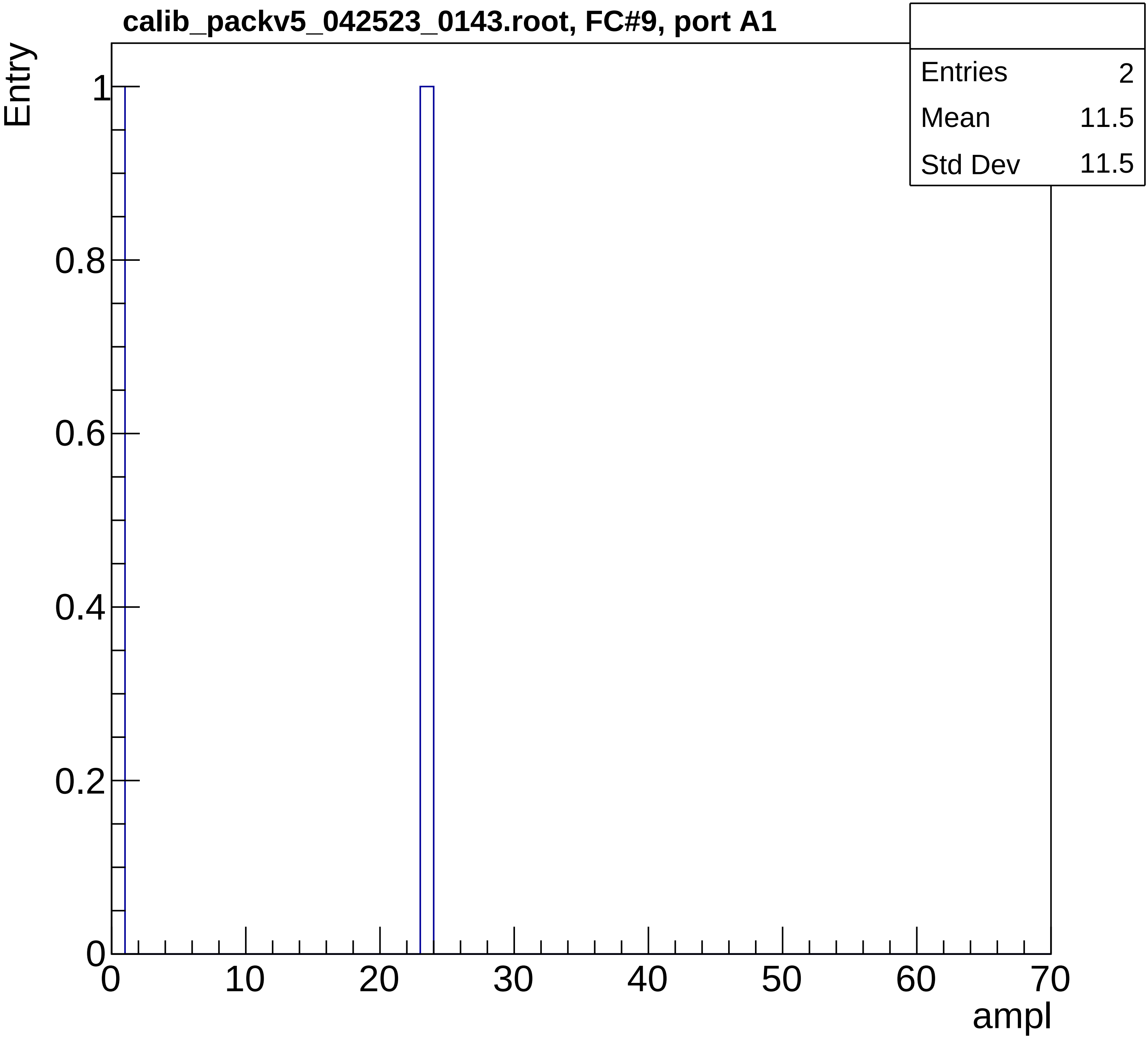


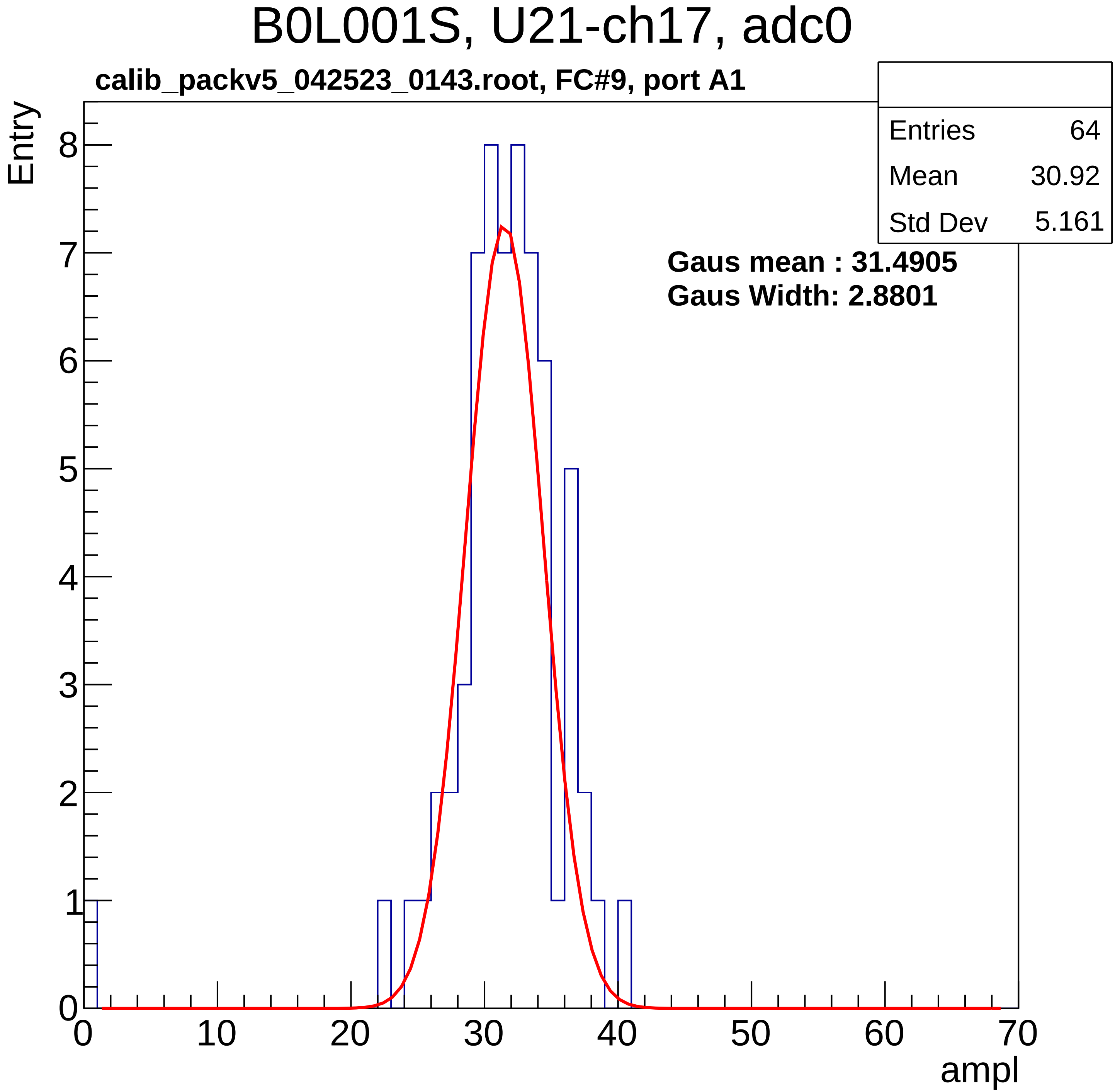
B0L001S, U21-ch16, adc5




B0L001S, U21-ch16, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 53.57
Std Dev 21.88
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

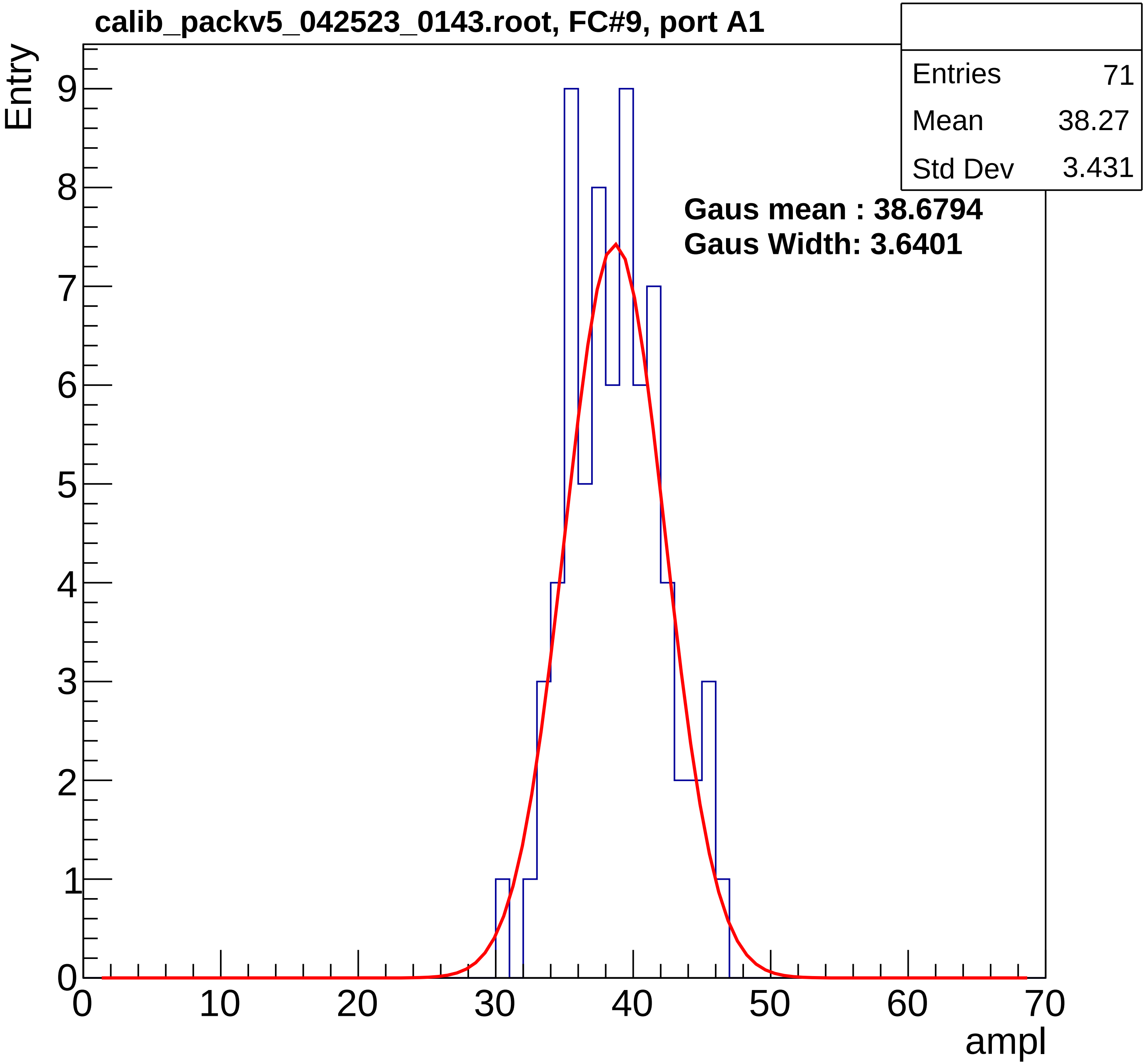
B0L001S, U21-ch16, adc7

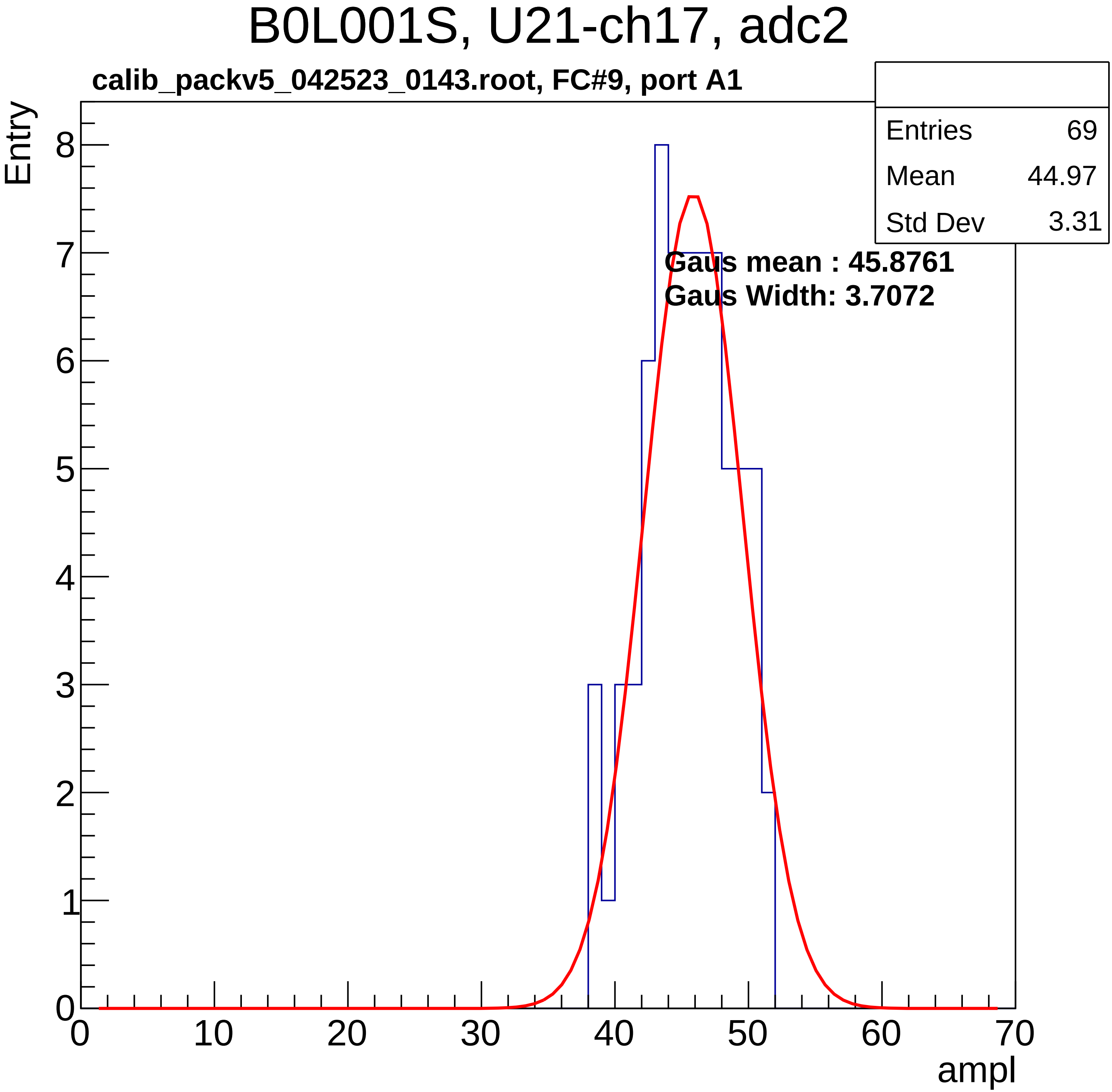



B0L001S, U21-ch17, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 30.92
Std Dev 5.161
Gaus mean : 31.4905
Gaus Width: 2.8801
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

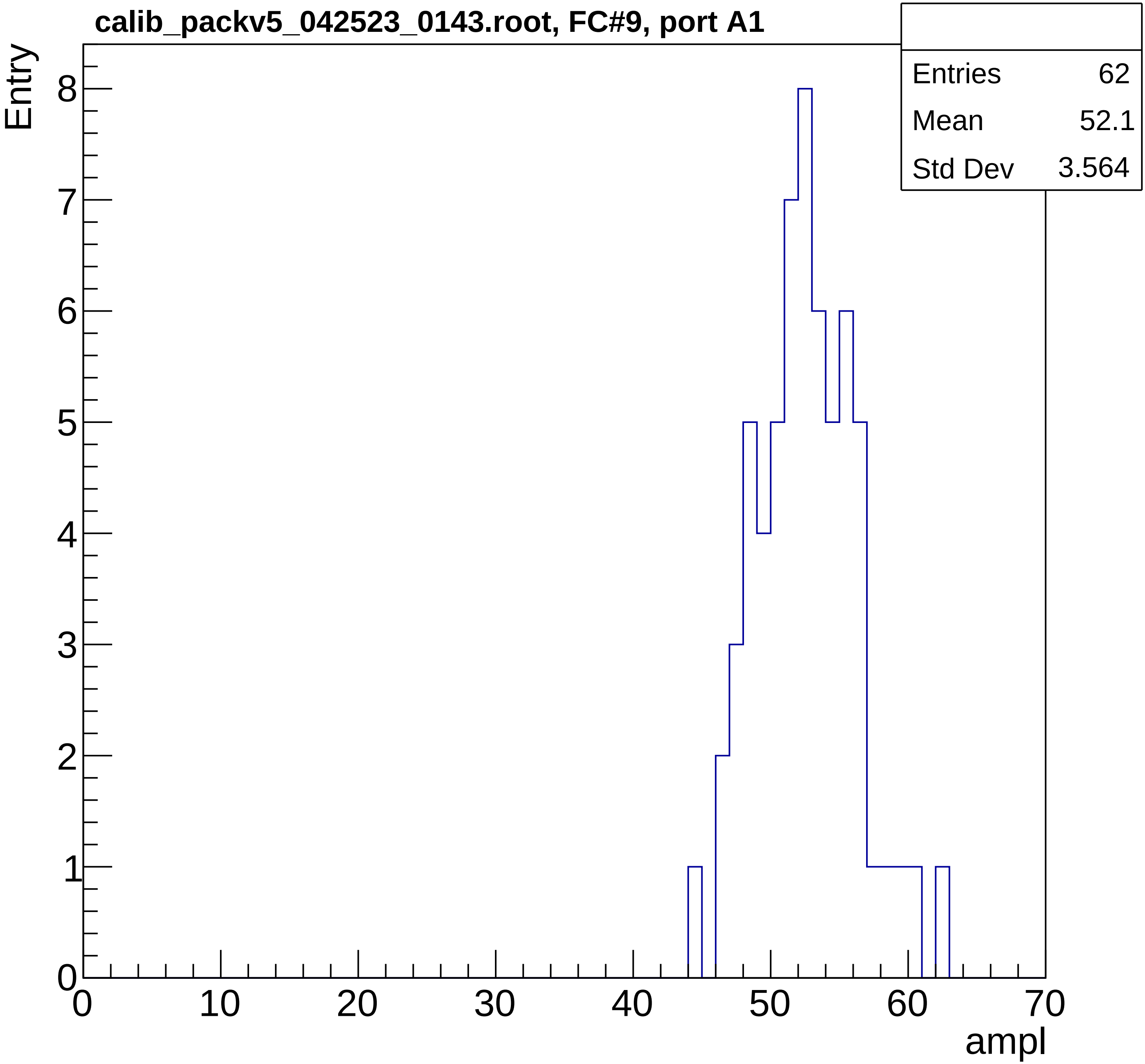
B0L001S, U21-ch17, adc1

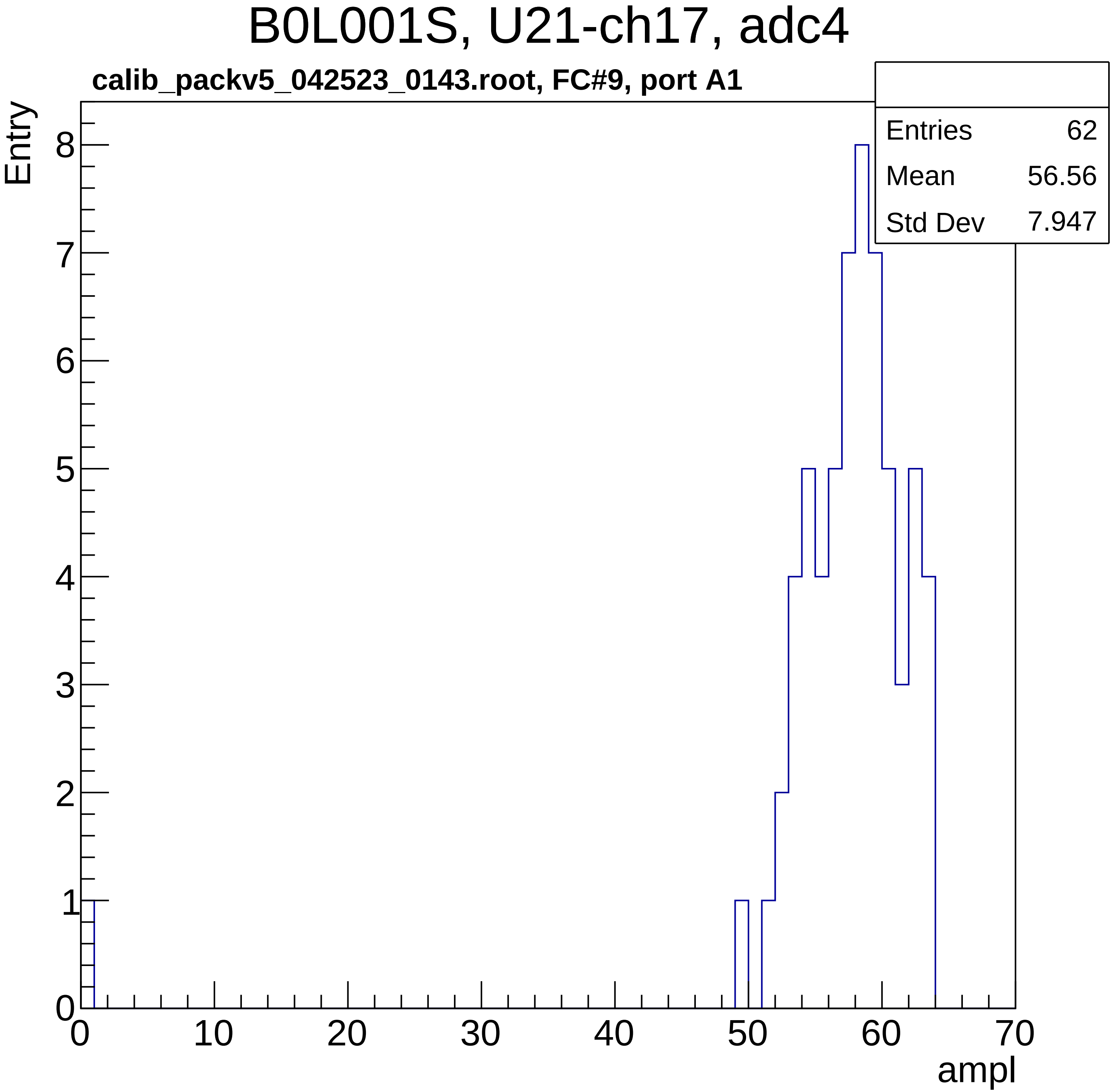
calib_packv5_042523_0143.root, FC#9, port A1

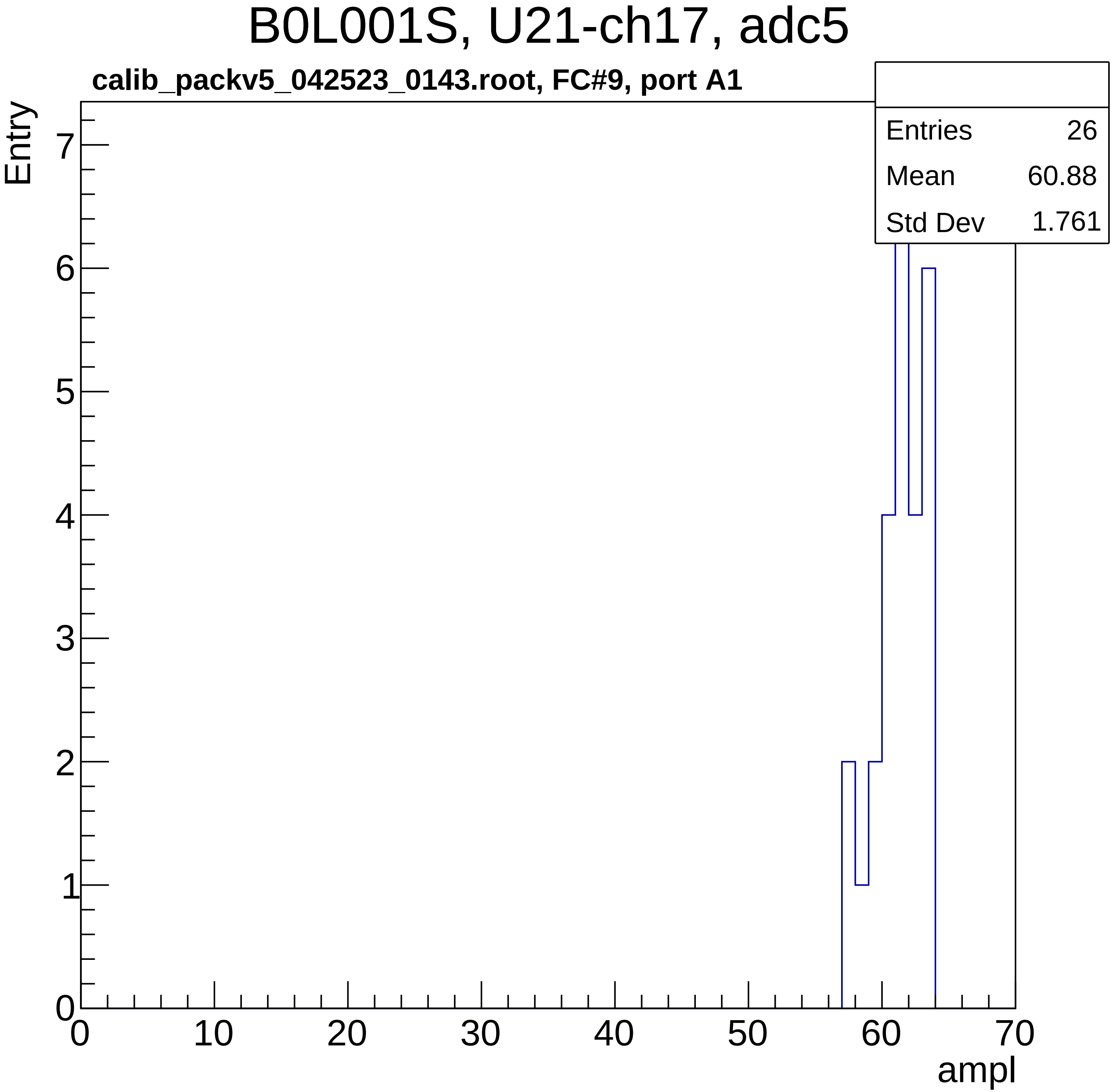


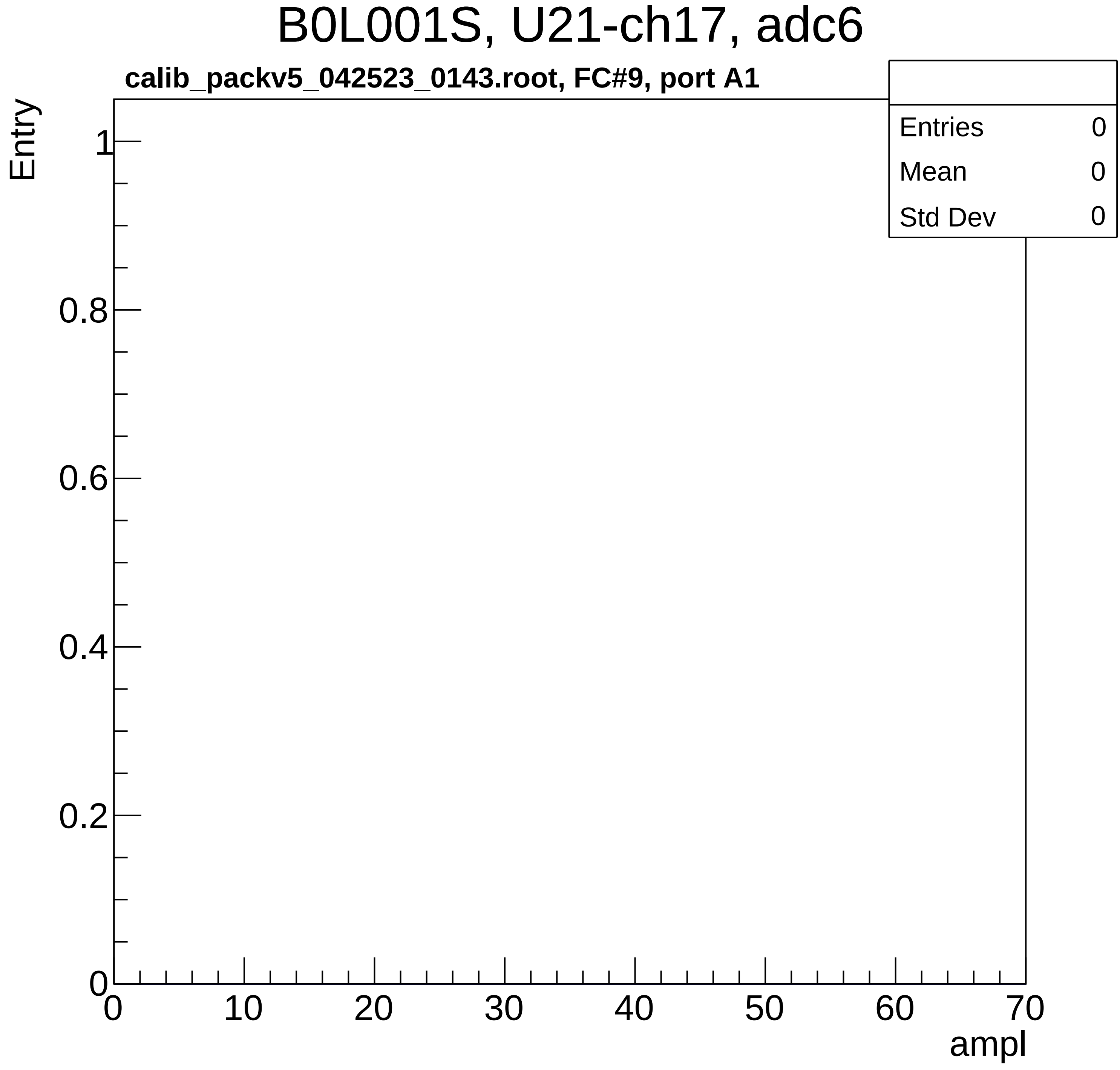

B0L001S, U21-ch17, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.97
Std Dev 3.31
Gaus mean : 45.8761
Gaus Width: 3.7072
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch17, adc3

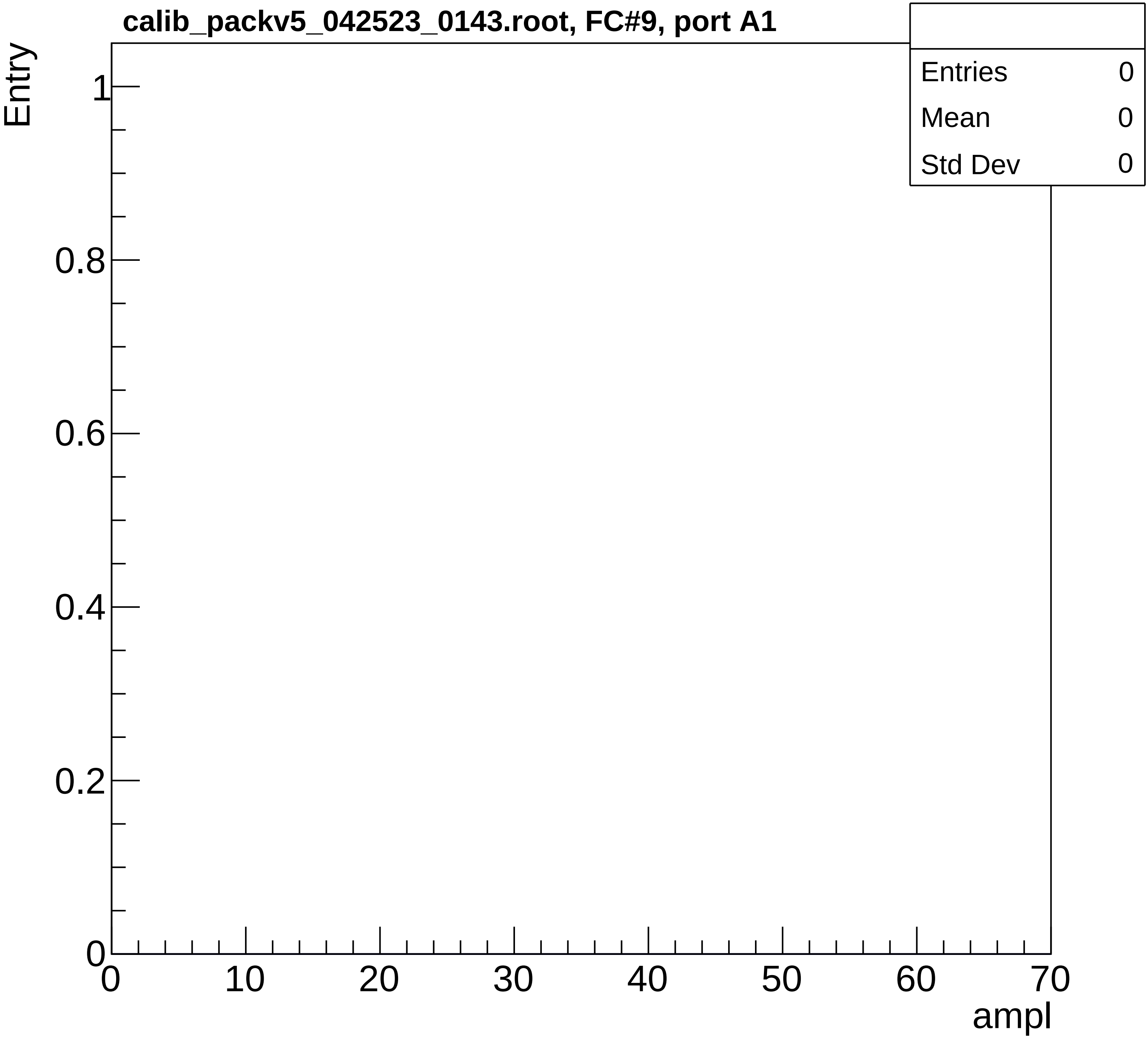


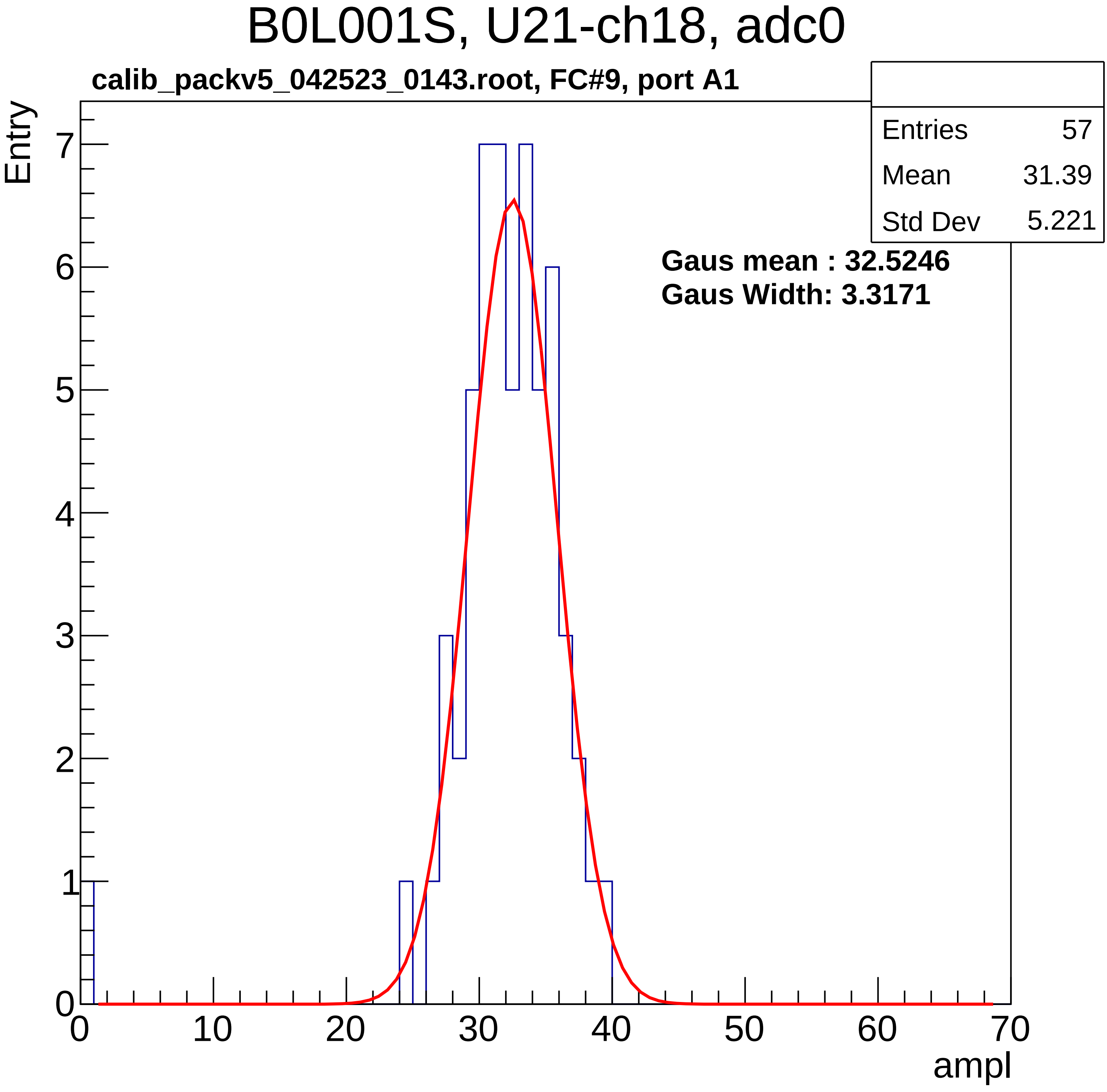

B0L001S, U21-ch17, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 62
Mean 56.56
Std Dev 7.947
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

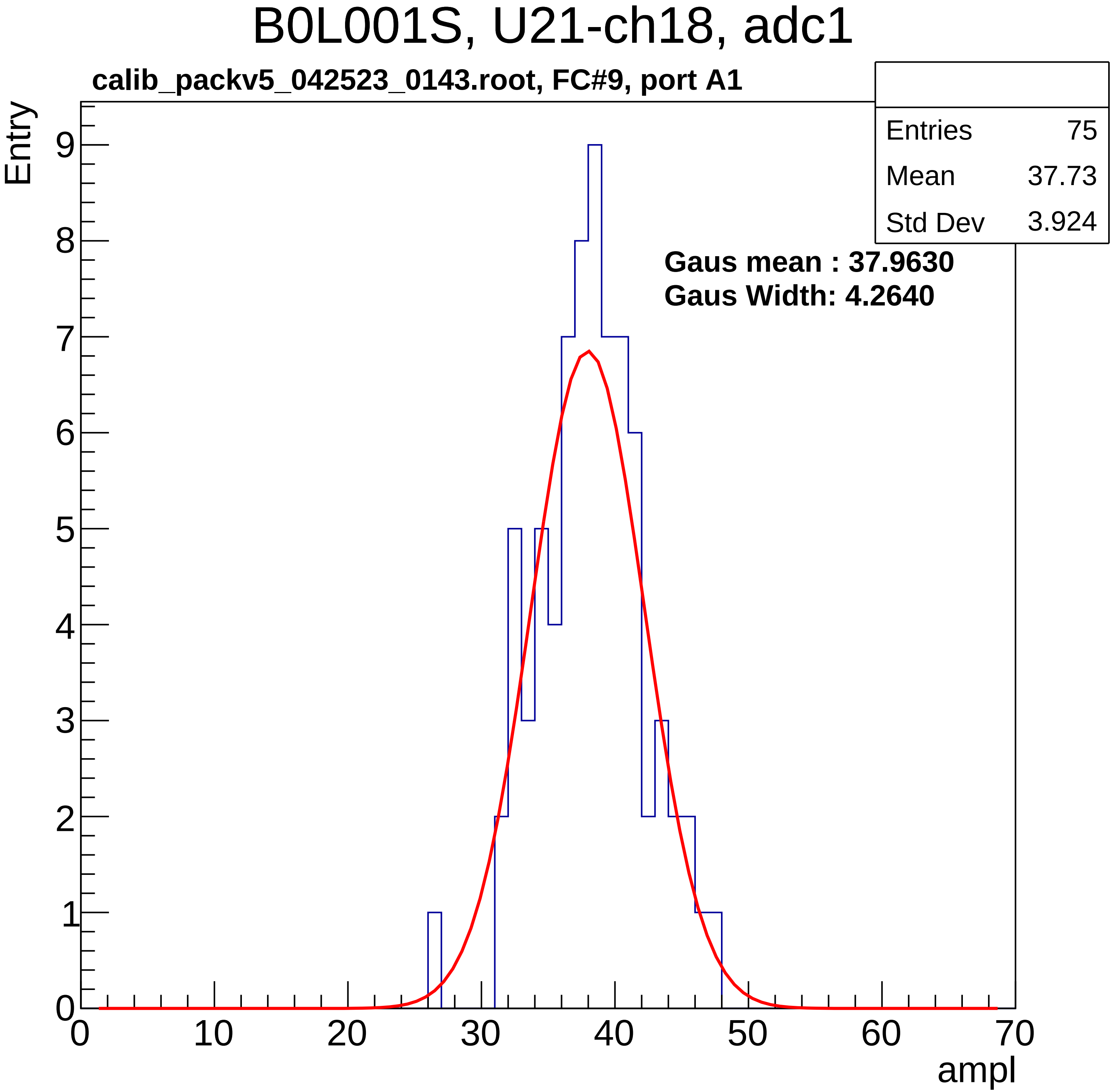

B0L001S, U21-ch17, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 60.88
Std Dev 1.761
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

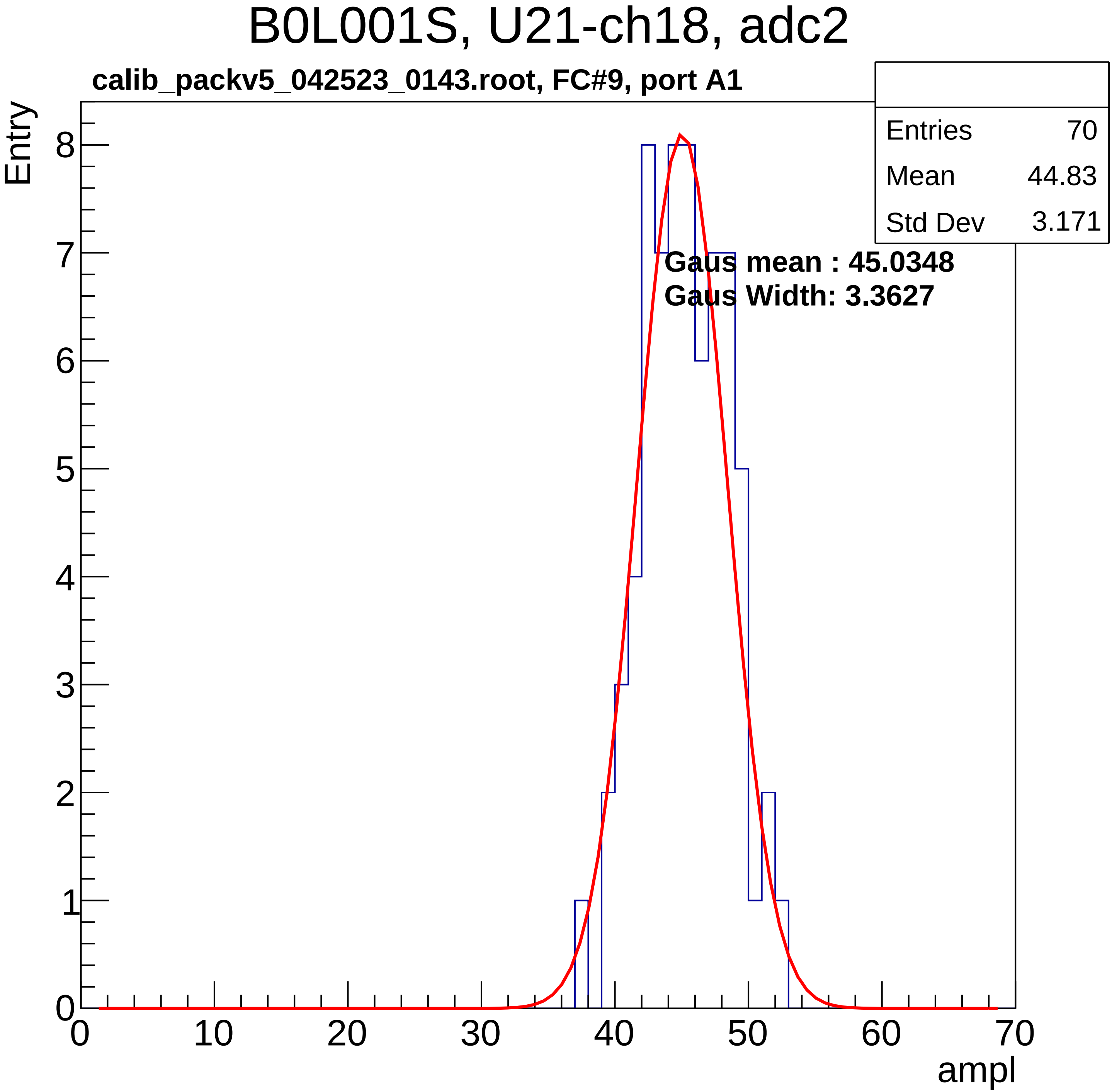

B0L001S, U21-ch17, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

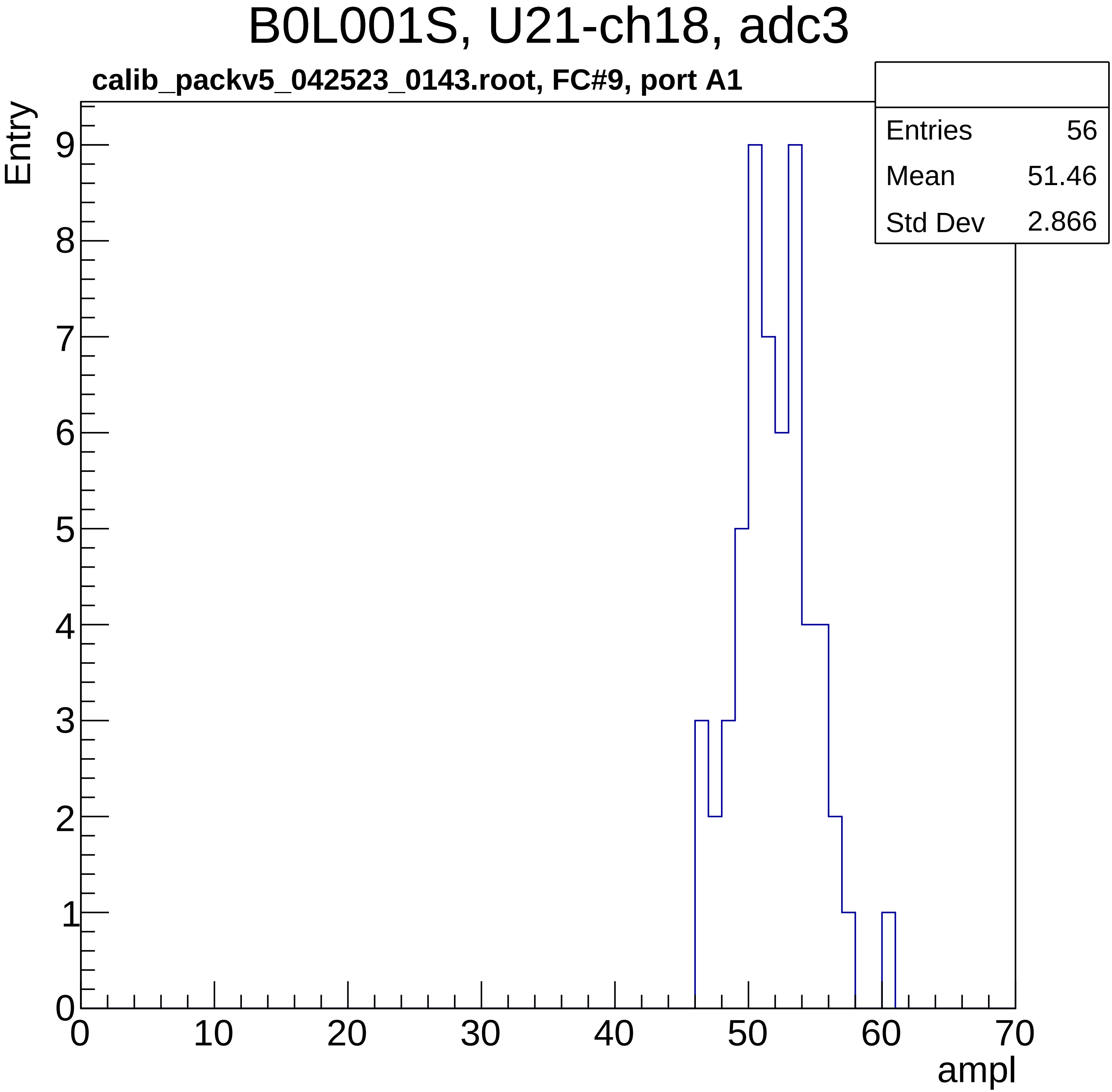
B0L001S, U21-ch17, adc7

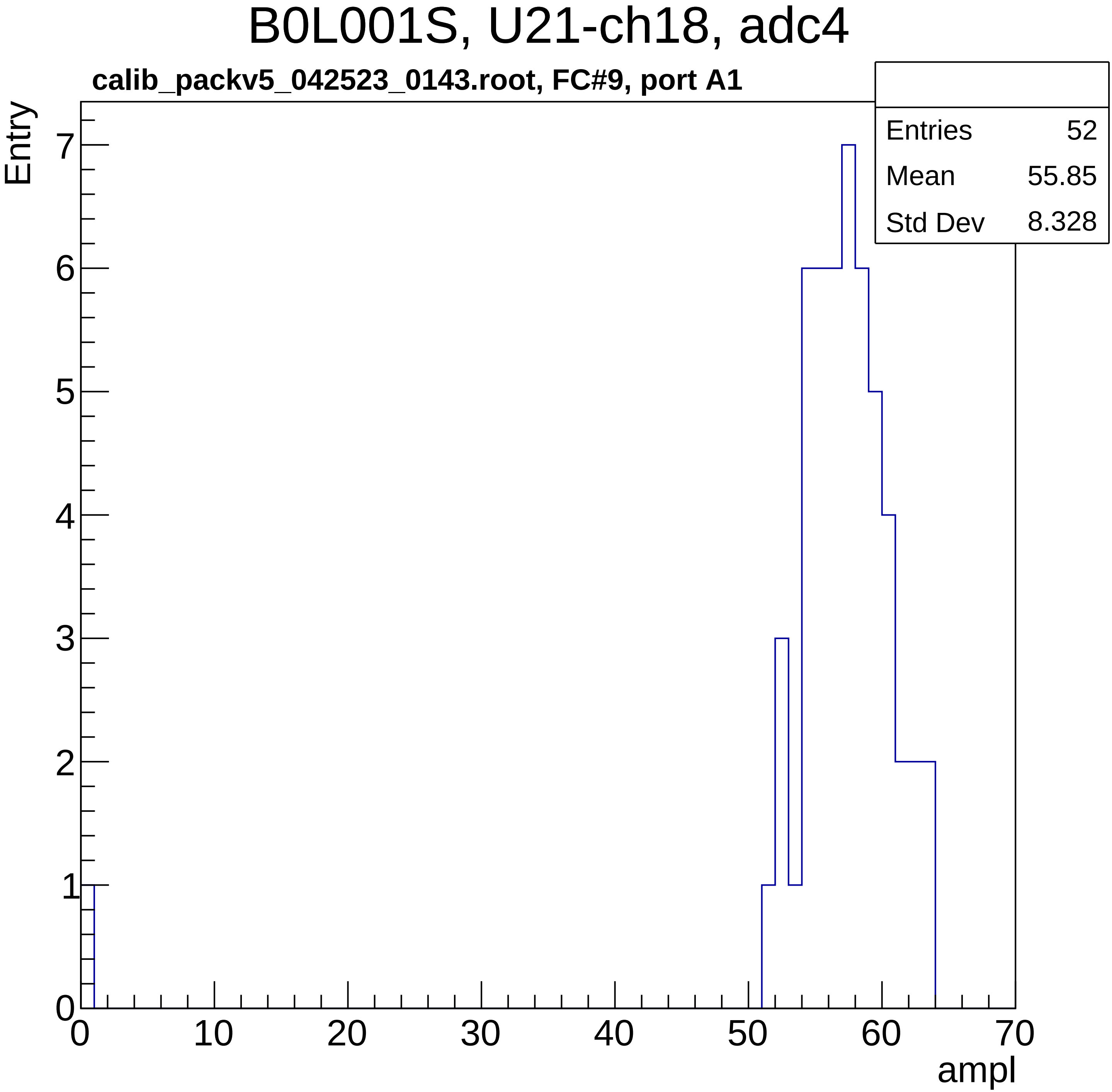


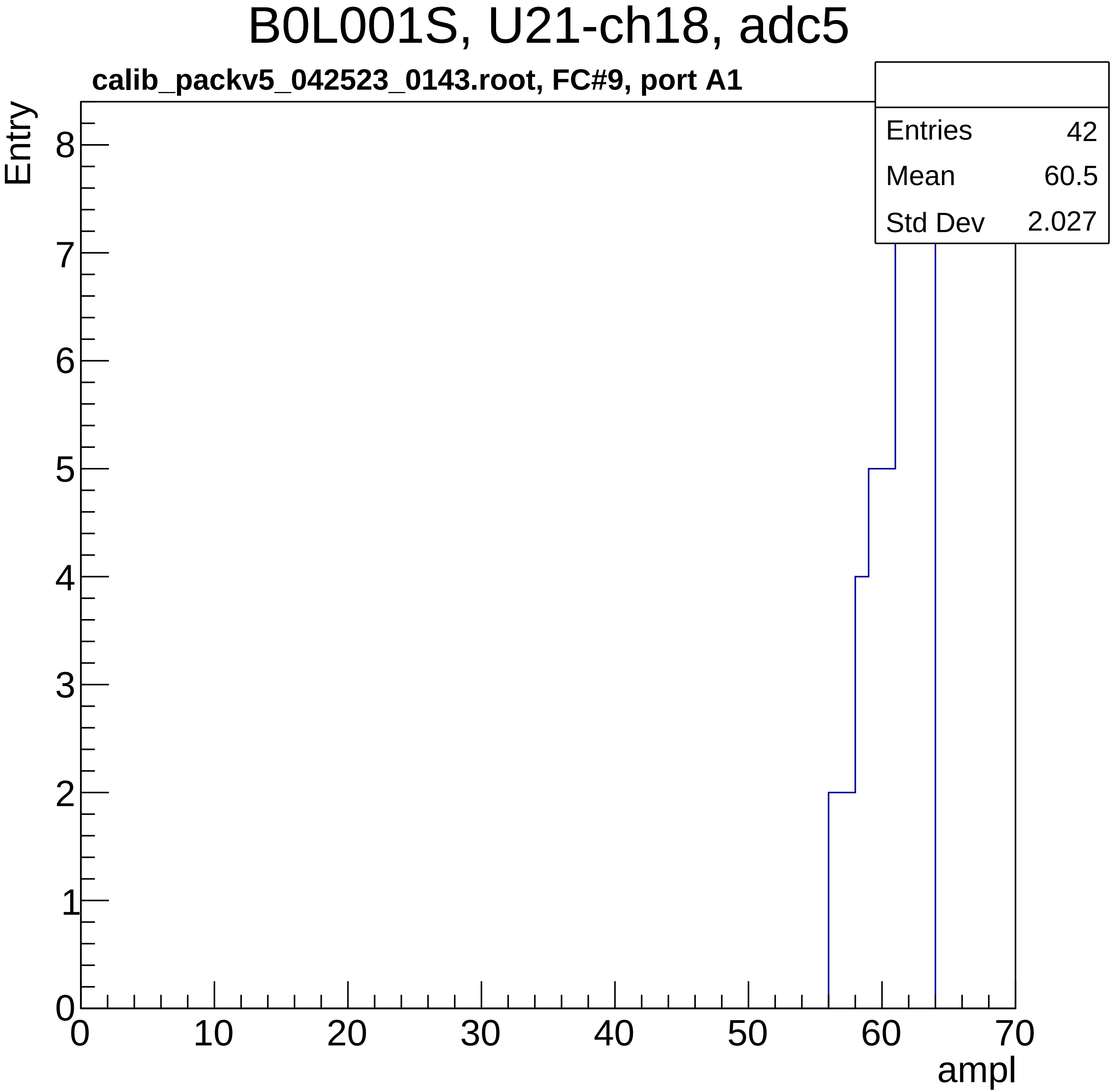

B0L001S, U21-ch18, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 31.39
Std Dev 5.221
Gaus mean : 32.5246
Gaus Width: 3.3171
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch18, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 75
Mean 37.73
Std Dev 3.924
Gaus mean : 37.9630
Gaus Width: 4.2640
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

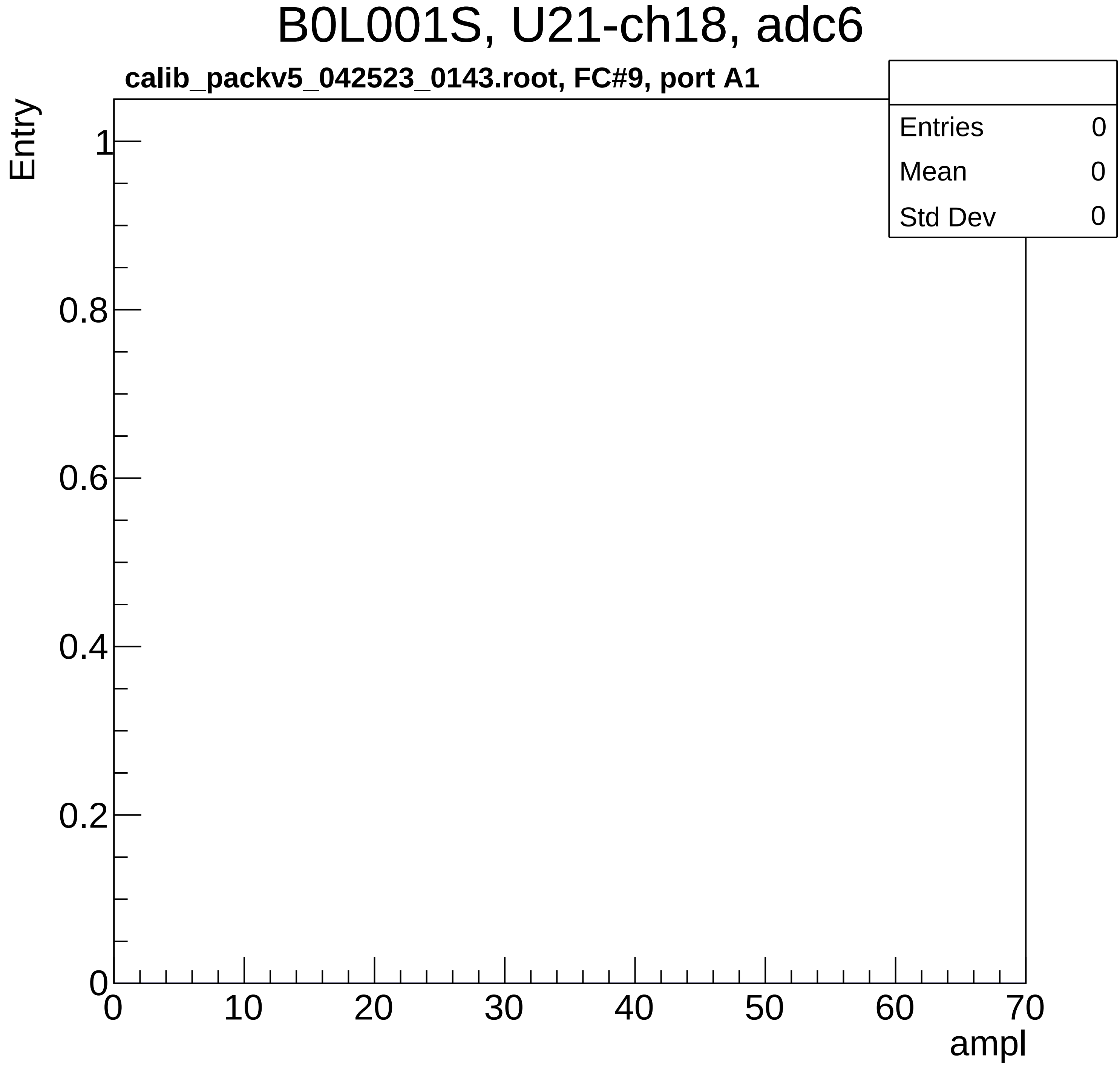

B0L001S, U21-ch18, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 44.83
Std Dev 3.171
Gaus mean : 45.0348
Gaus Width: 3.3627
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch18, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 51.46
Std Dev 2.866
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

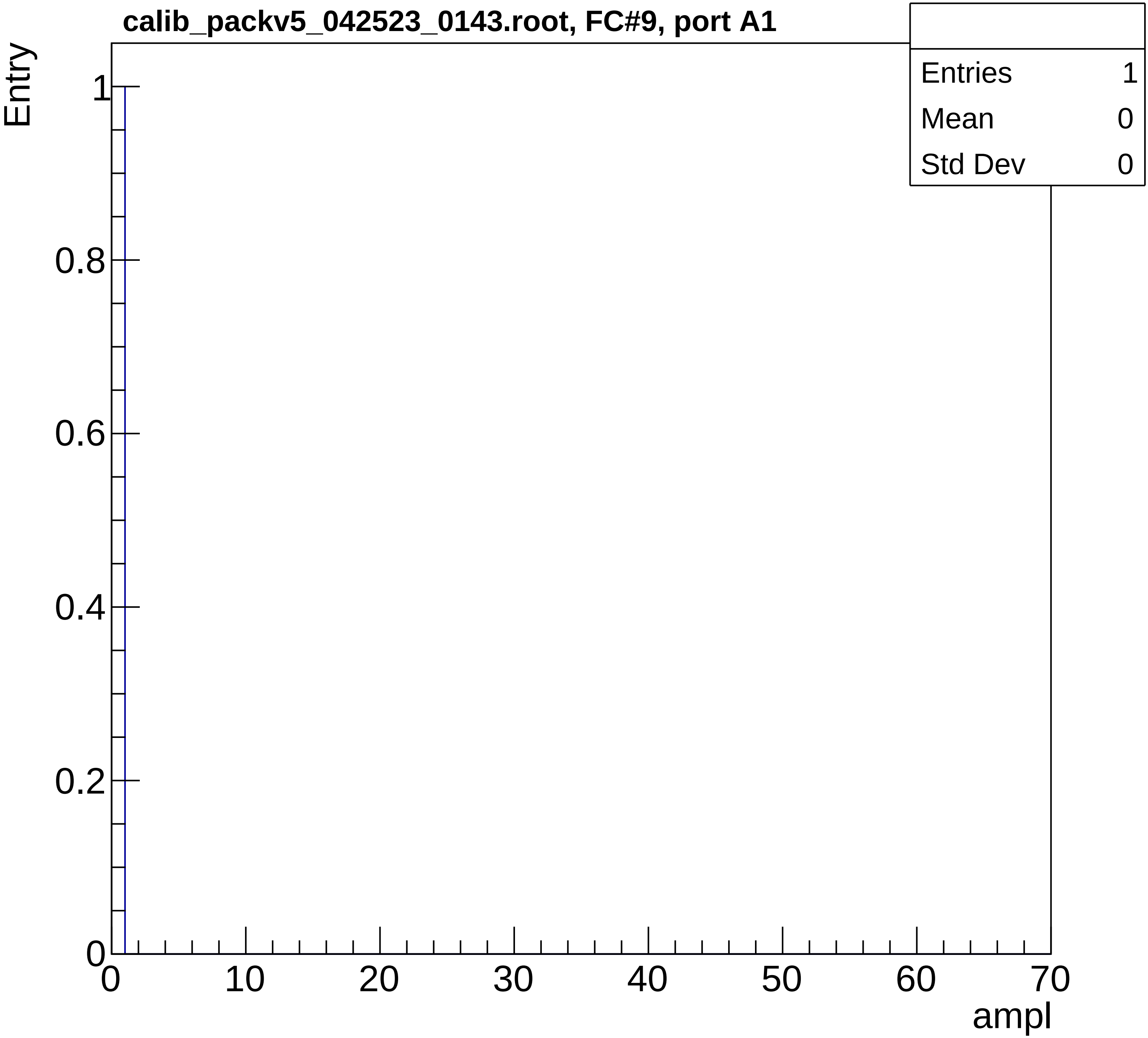

B0L001S, U21-ch18, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 55.85
Std Dev 8.328
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

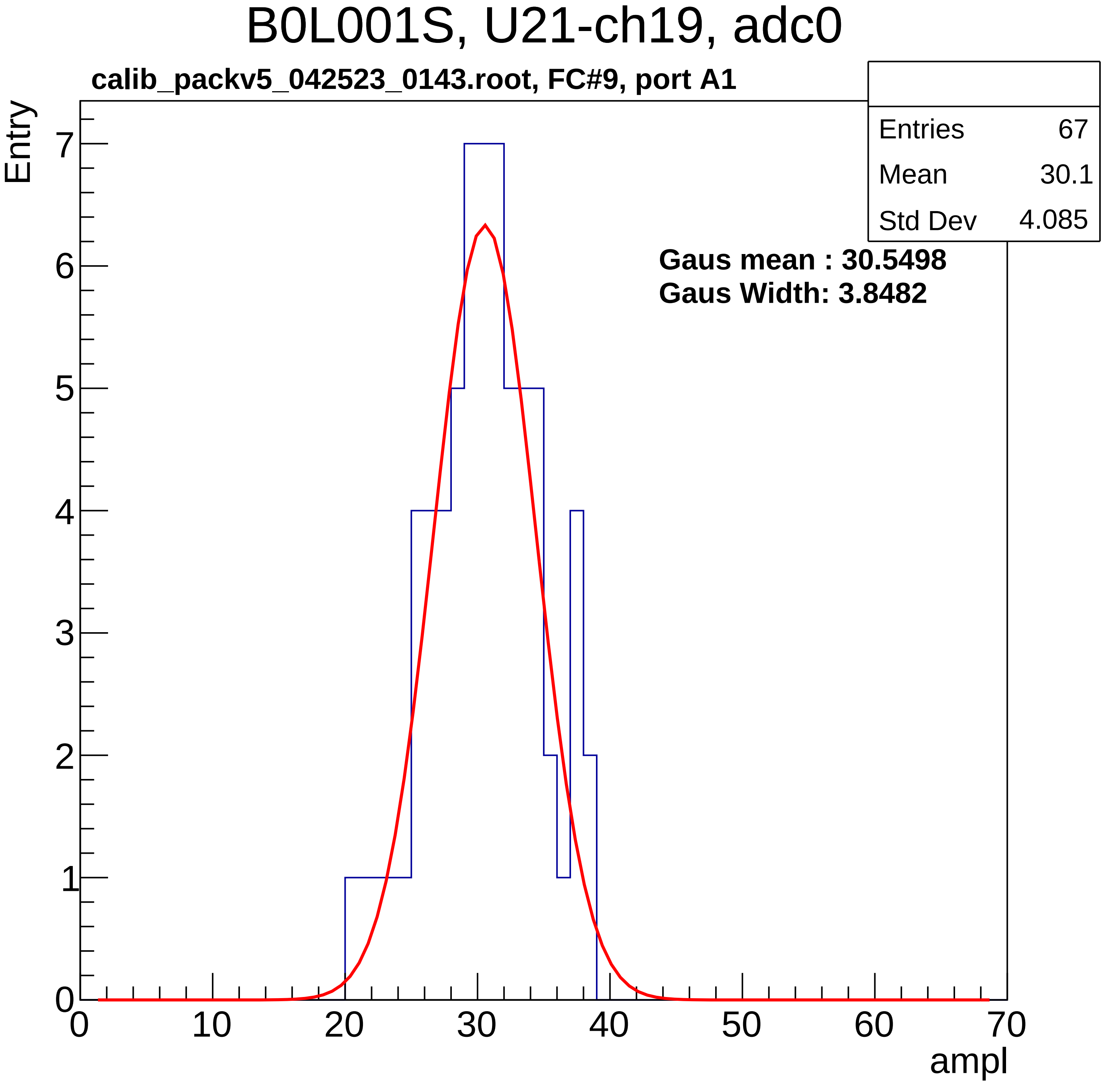


B0L001S, U21-ch18, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 42
Mean 60.5
Std Dev 2.027
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

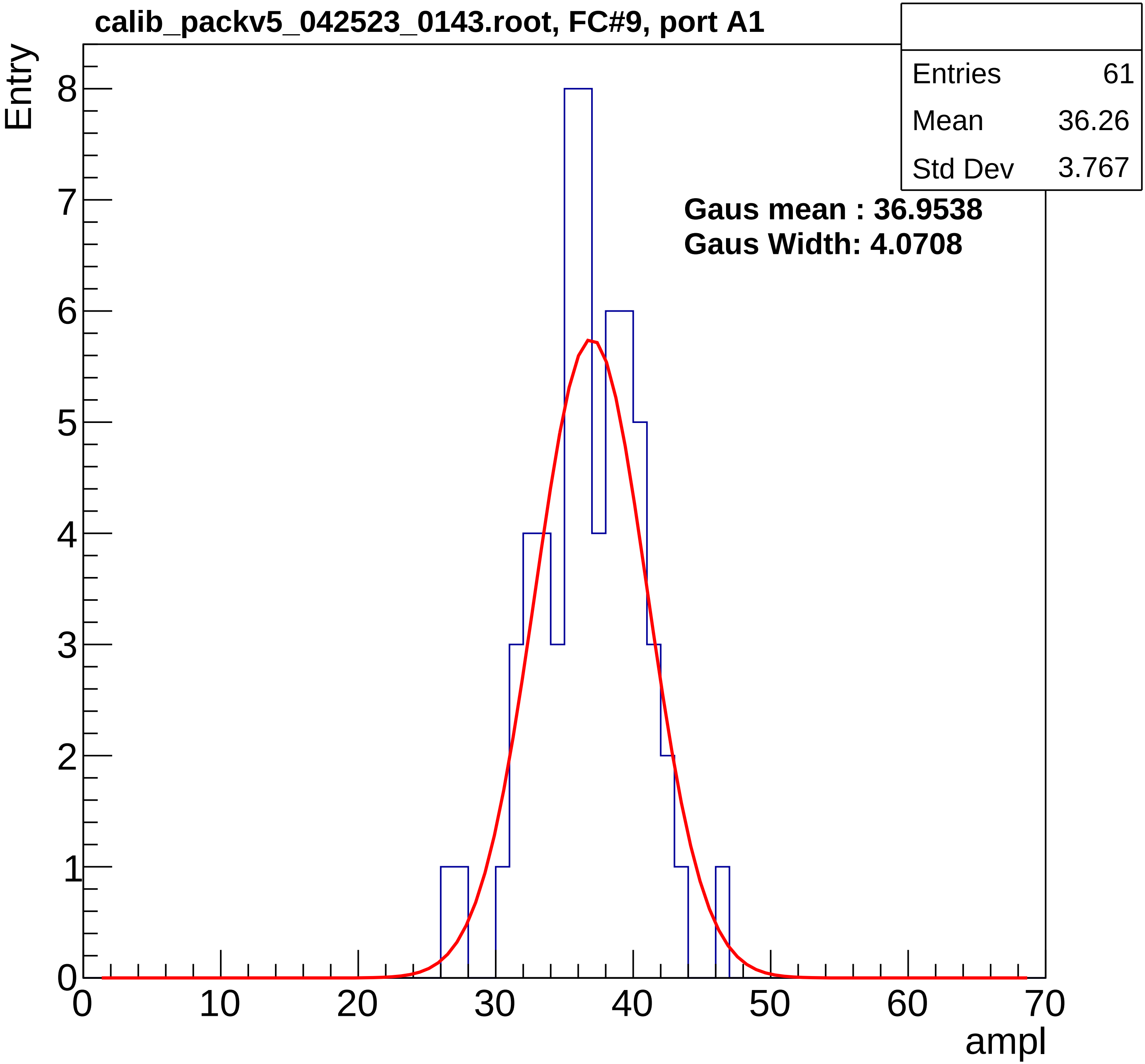

B0L001S, U21-ch18, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

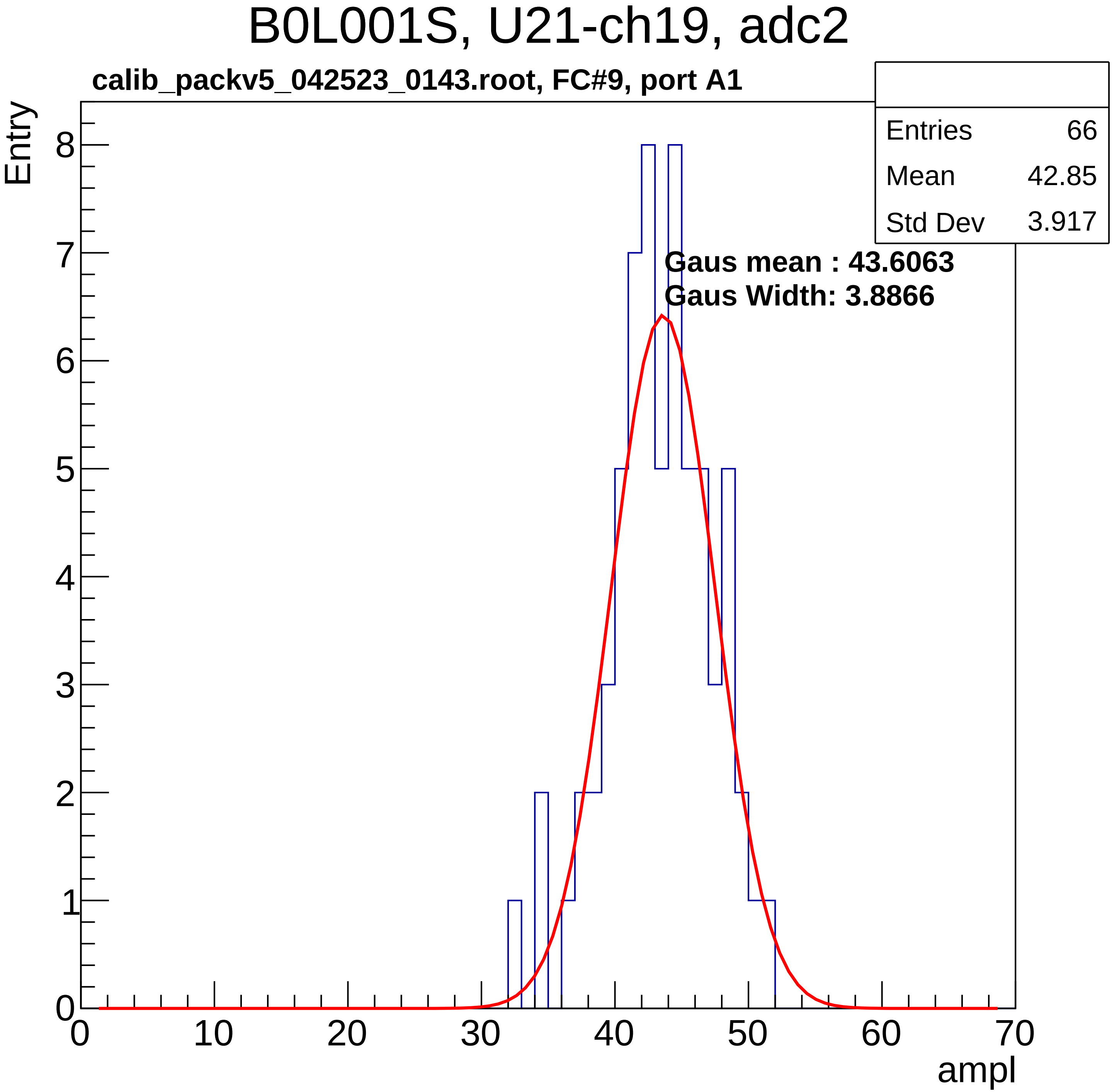
B0L001S, U21-ch18, adc7

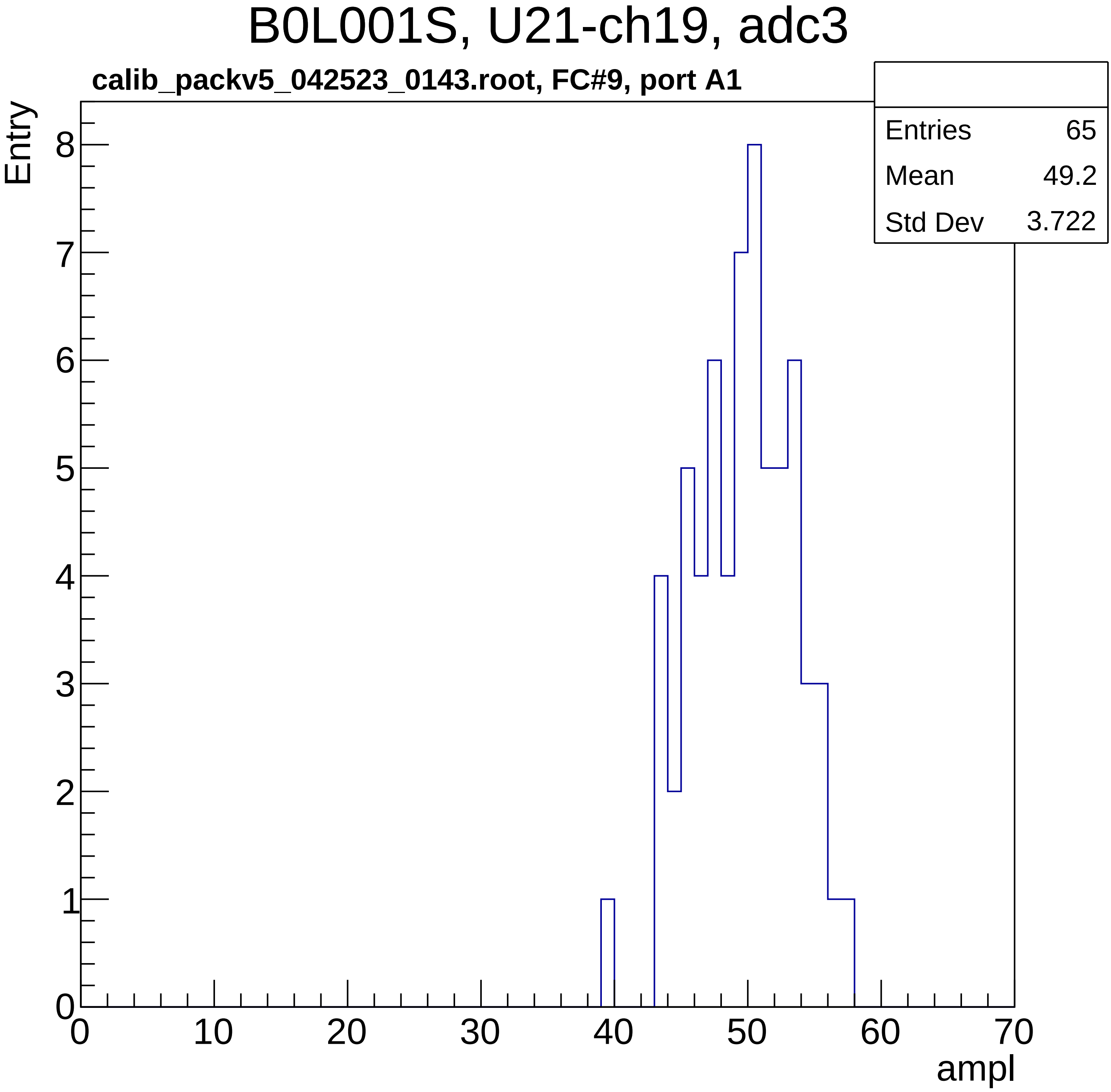


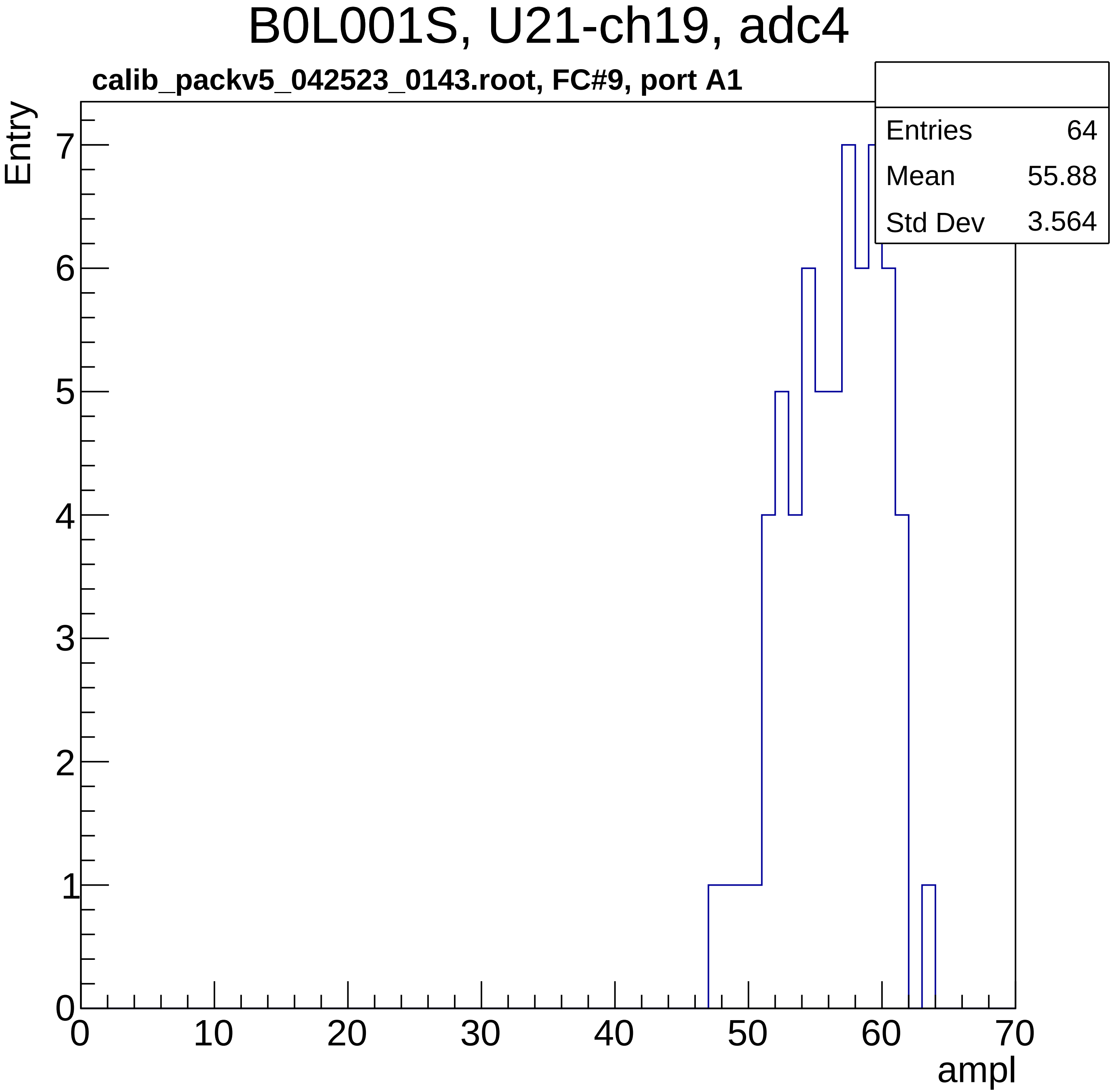

B0L001S, U21-ch19, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 67
Mean 30.1
Std Dev 4.085
Gaus mean : 30.5498
Gaus Width: 3.8482
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

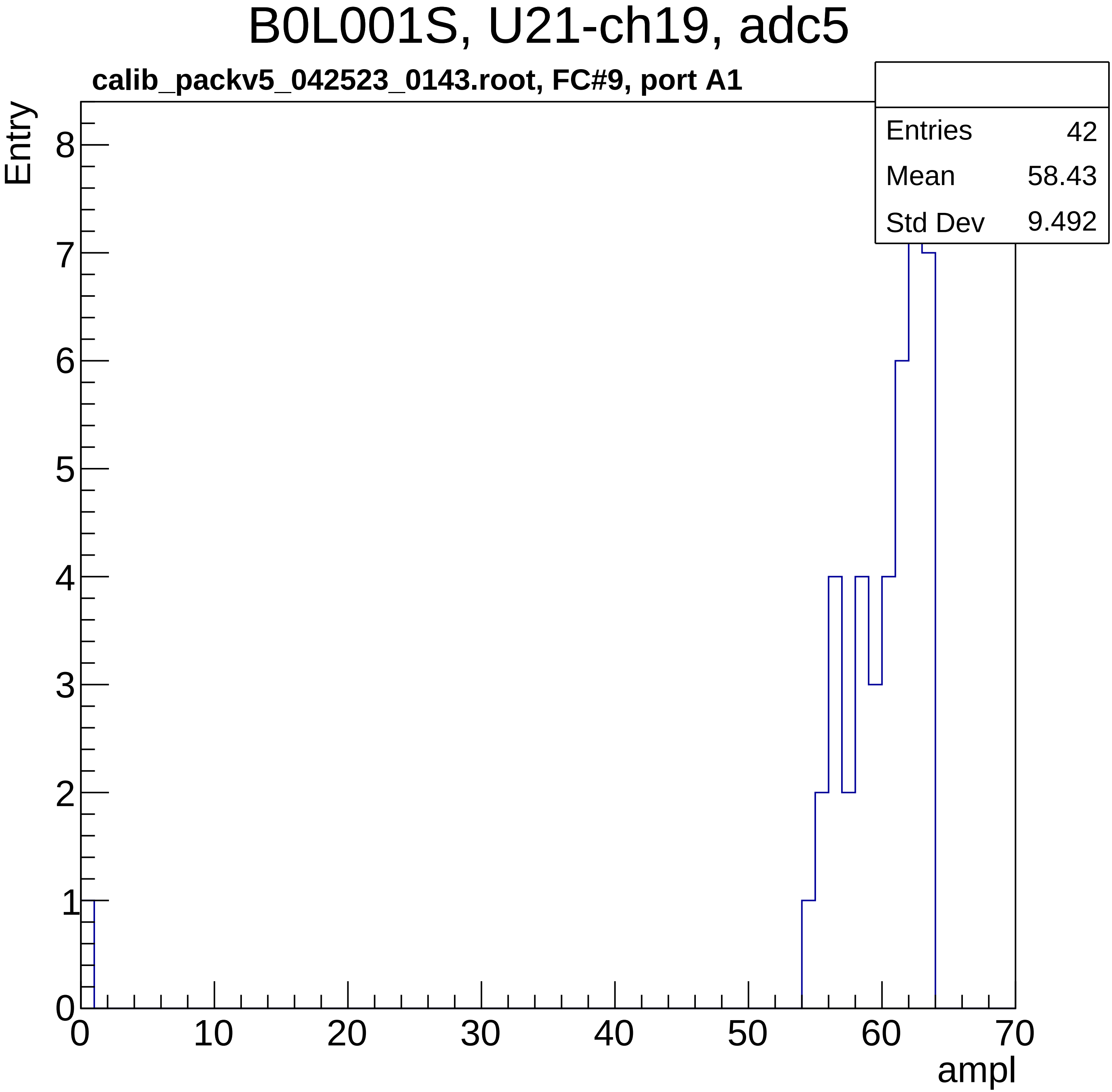
B0L001S, U21-ch19, adc1

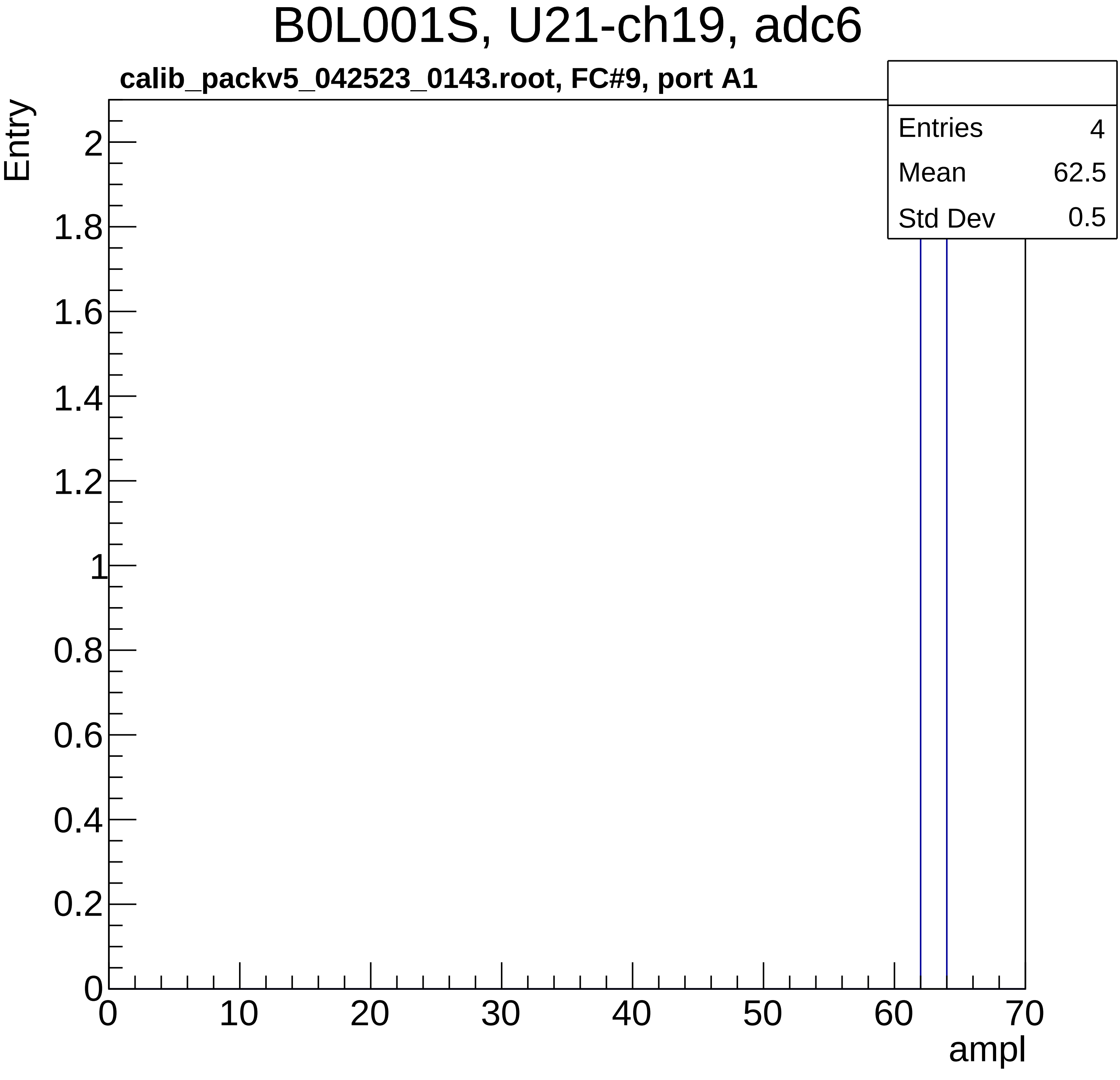


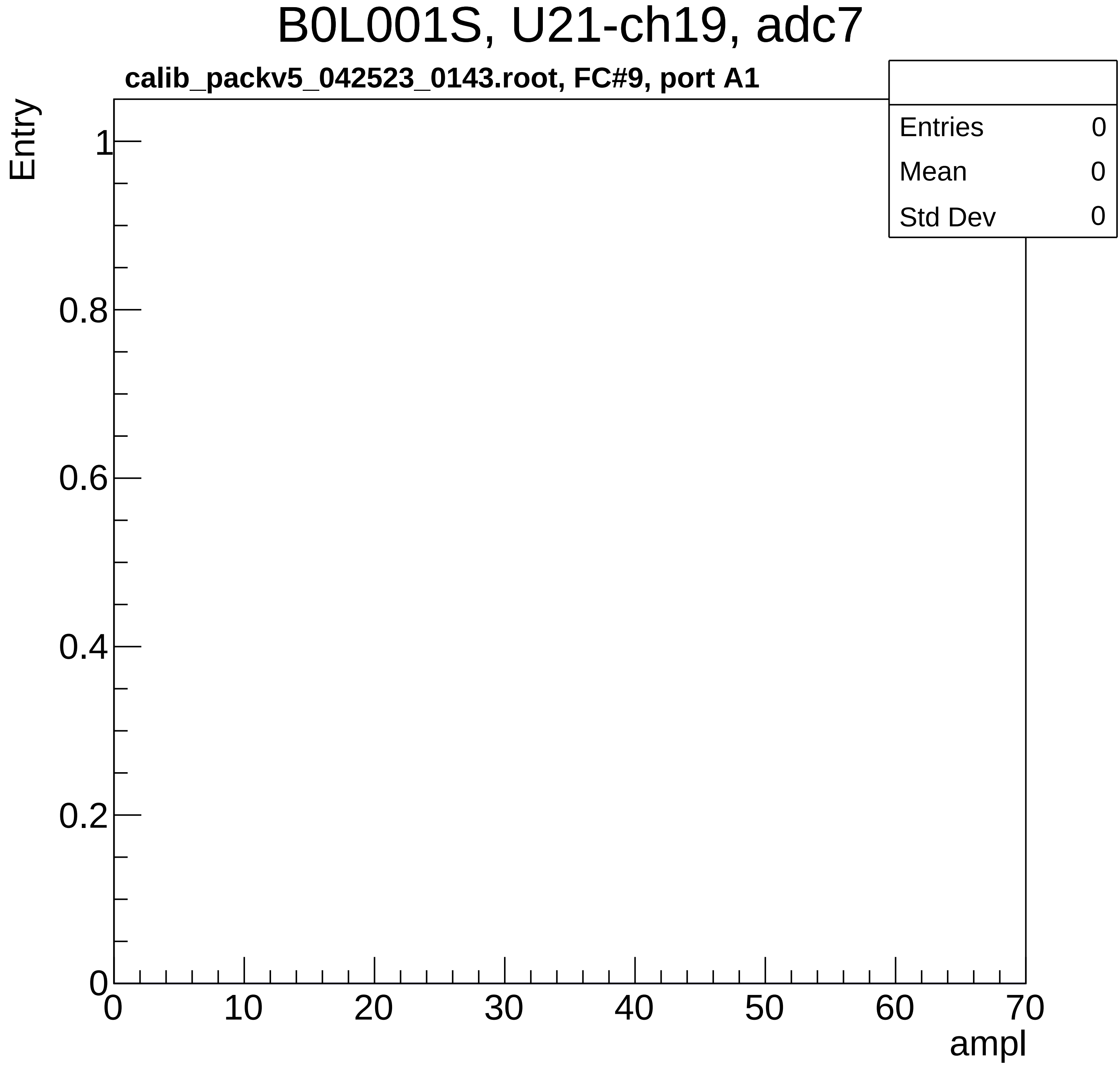

B0L001S, U21-ch19, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 42.85
Std Dev 3.917
Gaus mean : 43.6063
Gaus Width: 3.8866
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch19, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 65
Mean 49.2
Std Dev 3.722
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch19, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 55.88
Std Dev 3.564
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

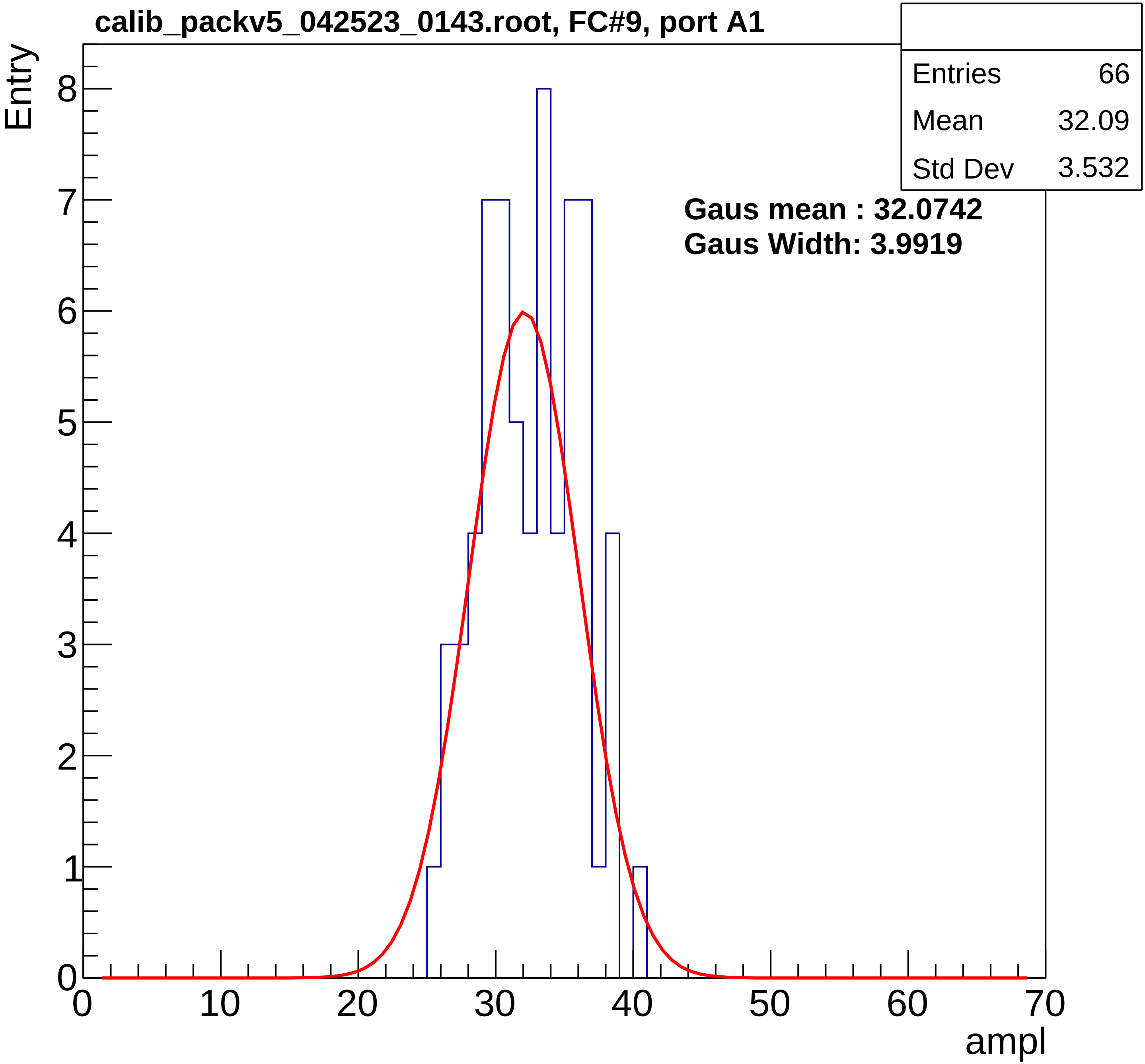

B0L001S, U21-ch19, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.43
Std Dev 9.492
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch19, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.5
Std Dev 0.5
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

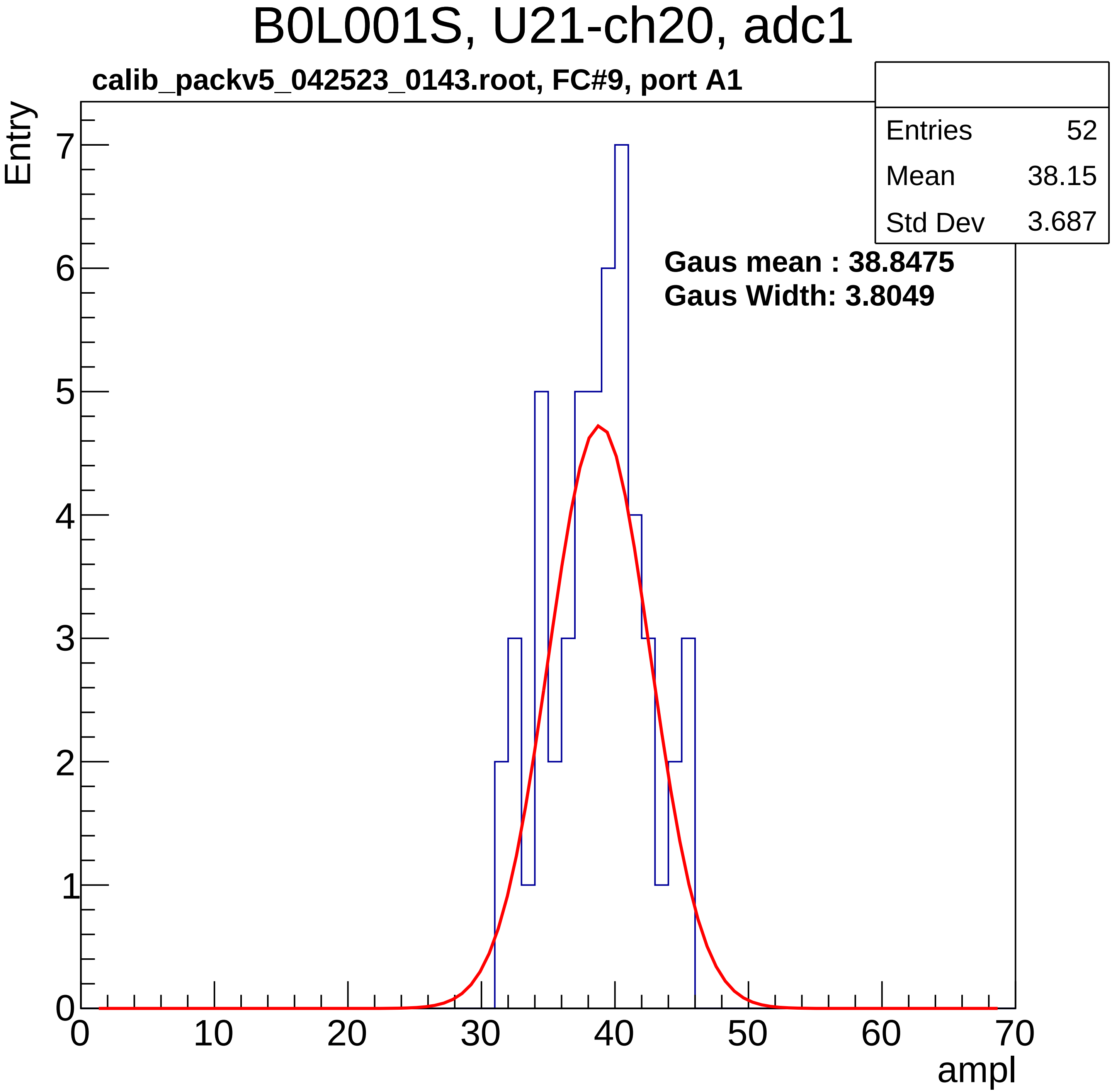

B0L001S, U21-ch19, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 0
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

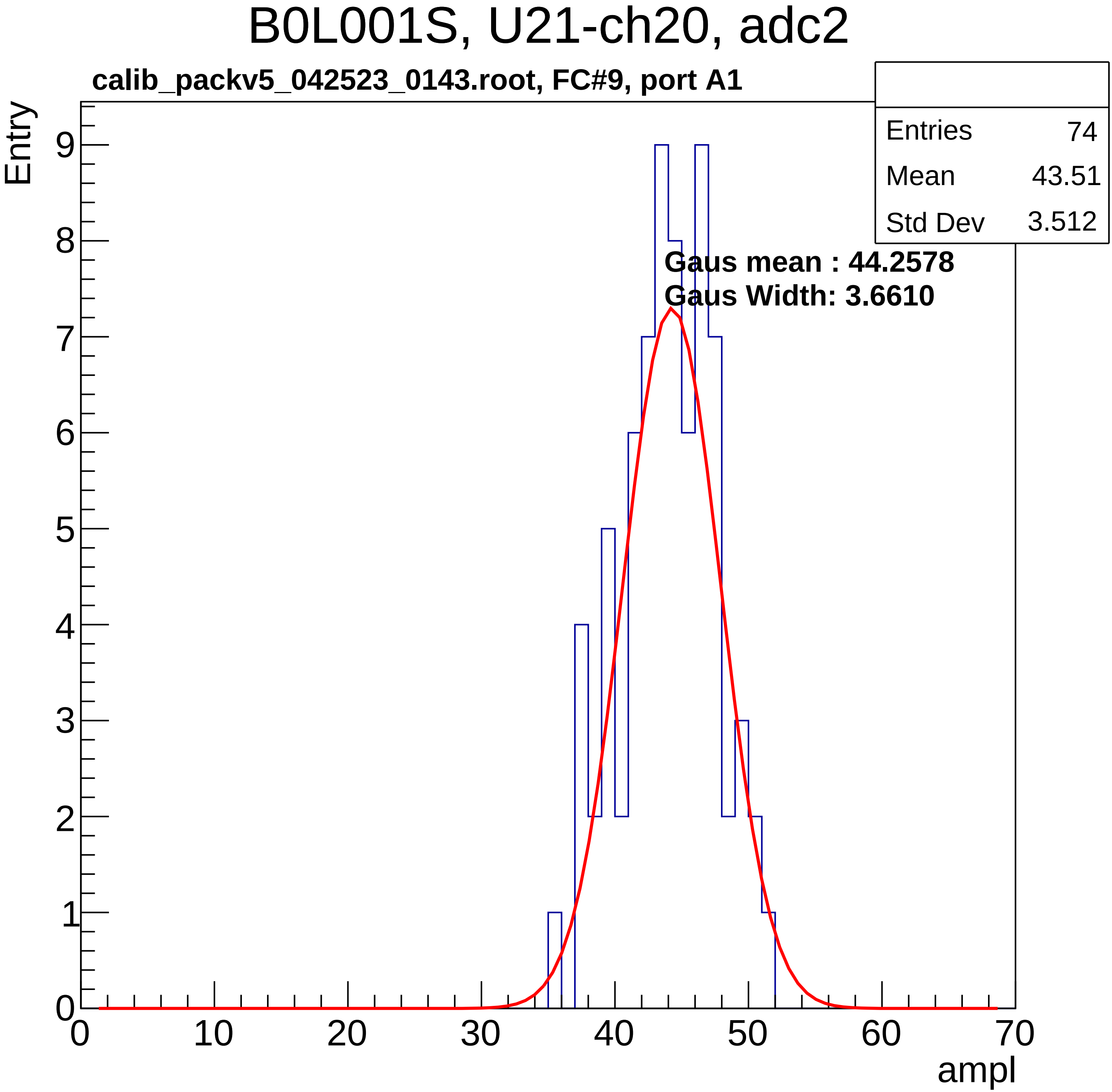
B0L001S, U21-ch20, adc0

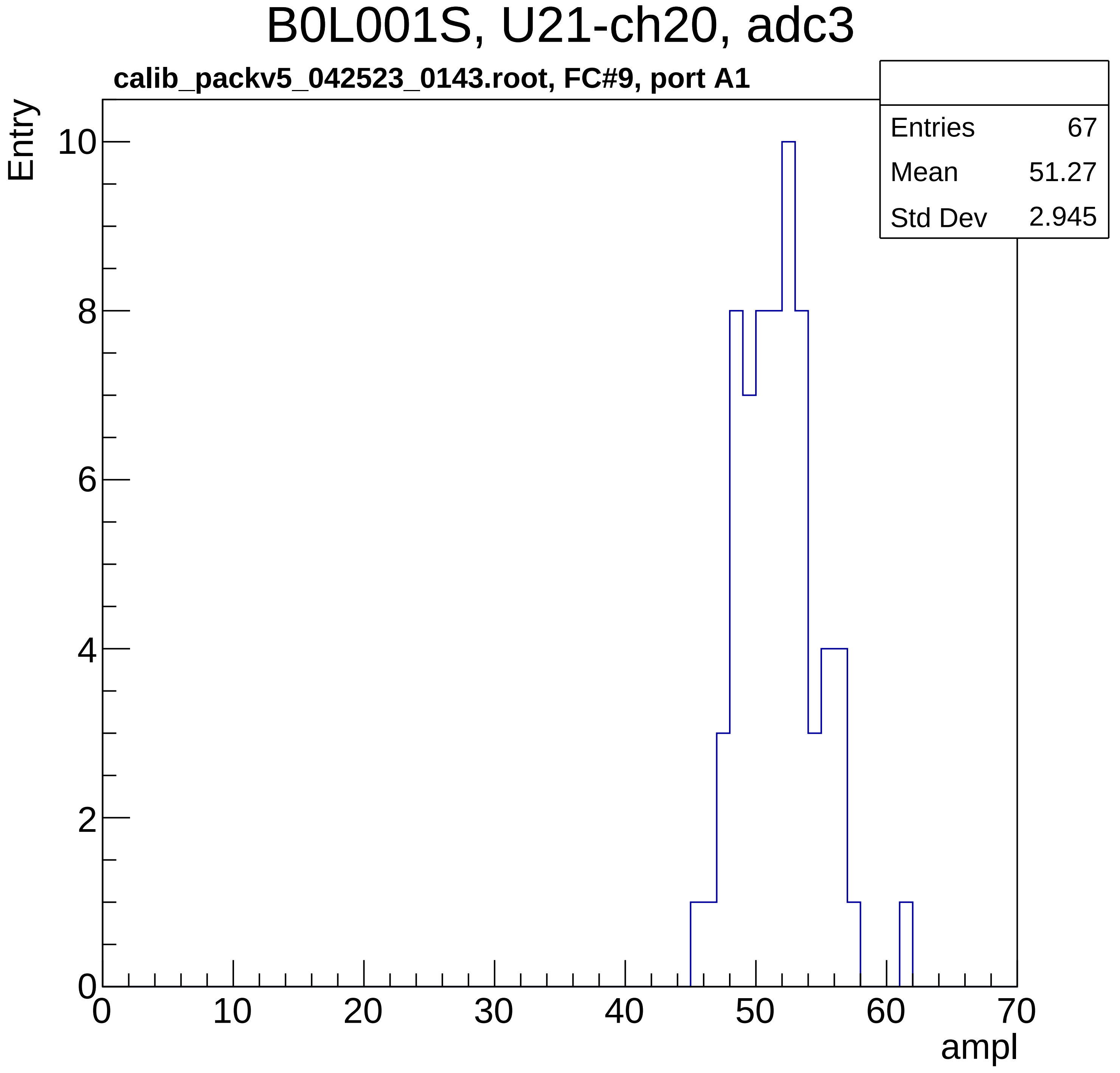
calib_packv5_042523_0143.root, FC#9, port A1

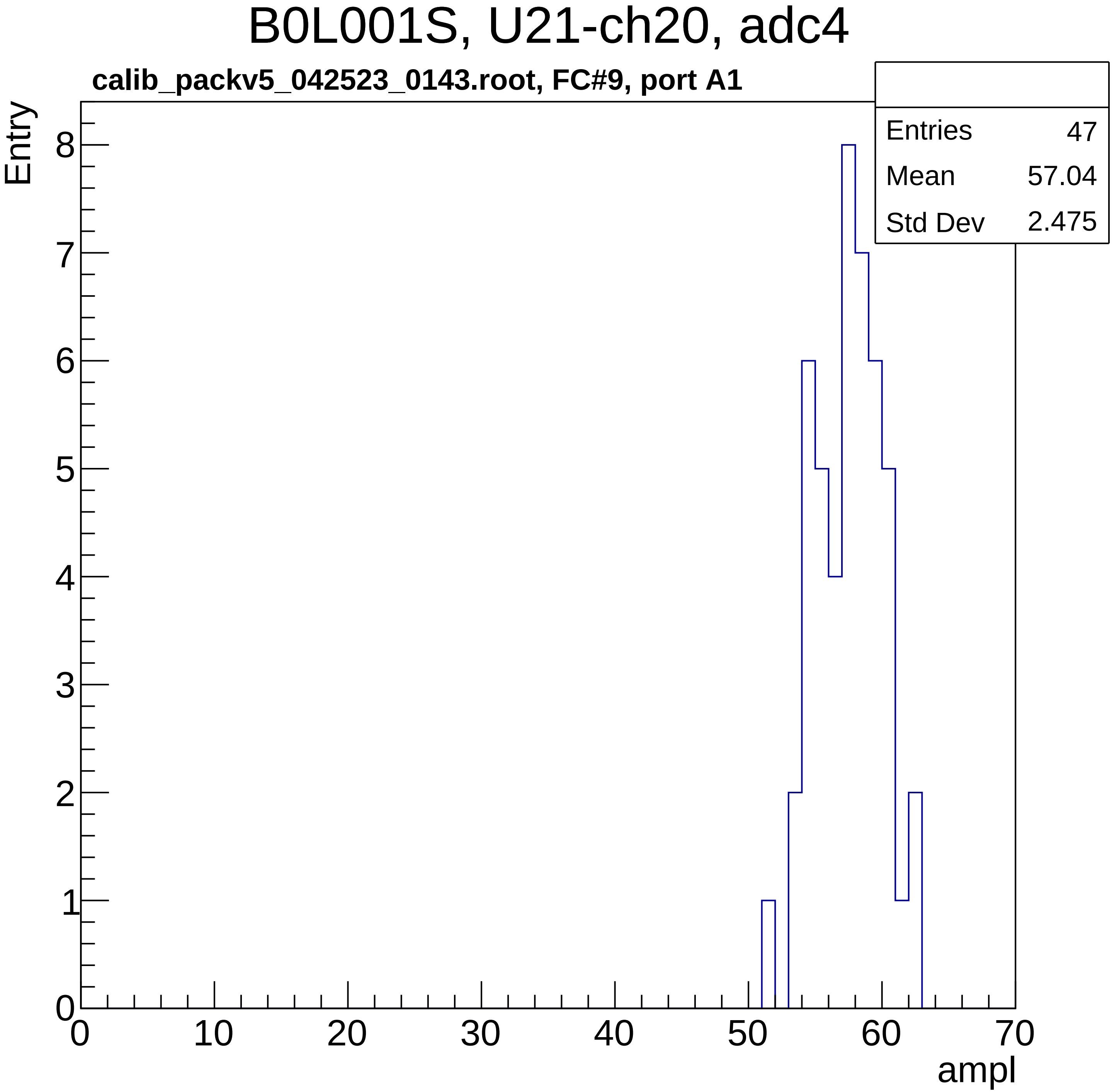


Gaus mean : 32.0742
Gaus Width: 3.9919

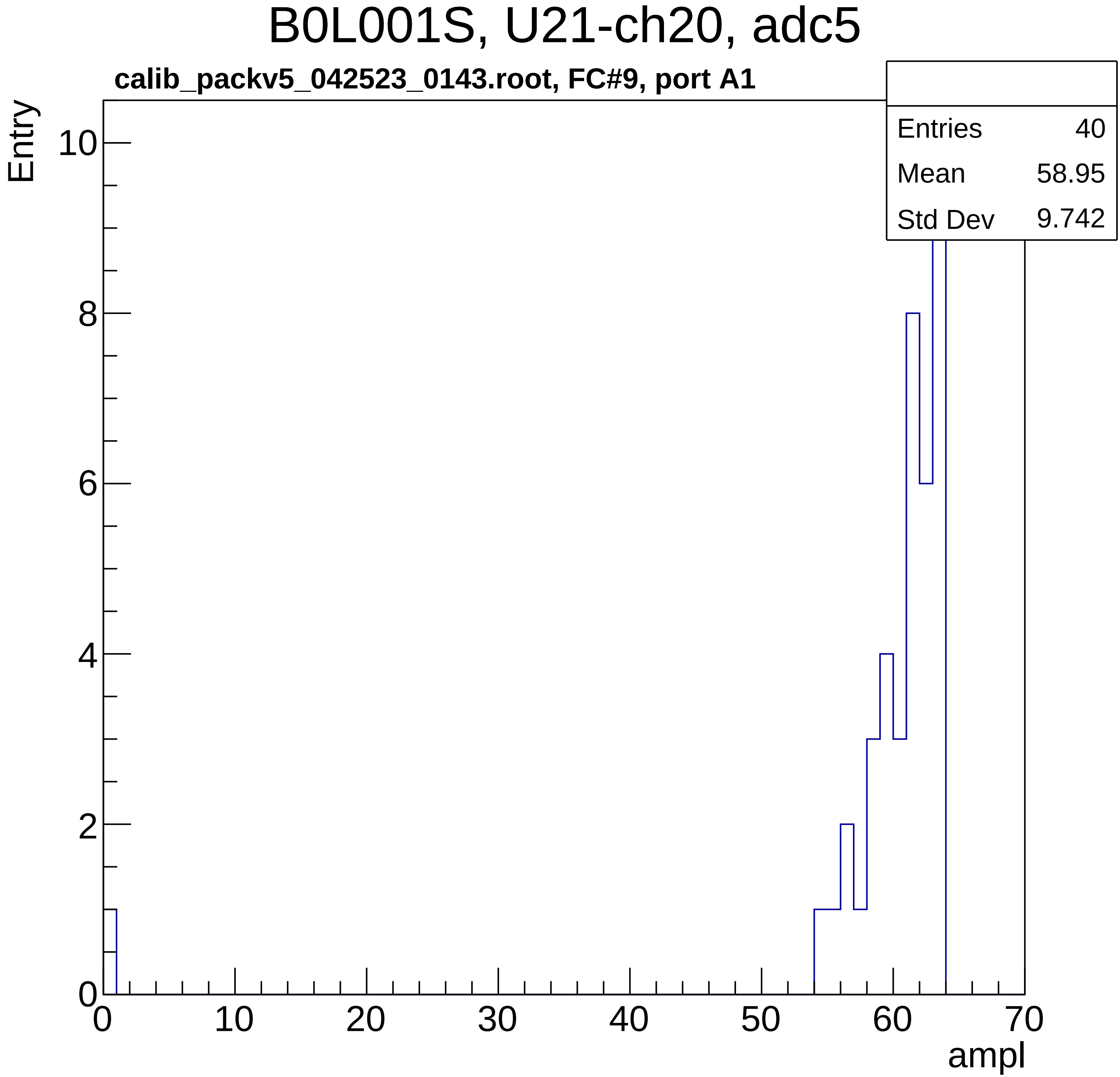

B0L001S, U21-ch20, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 52
Mean 38.15
Std Dev 3.687
Gaus mean : 38.8475
Gaus Width: 3.8049
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

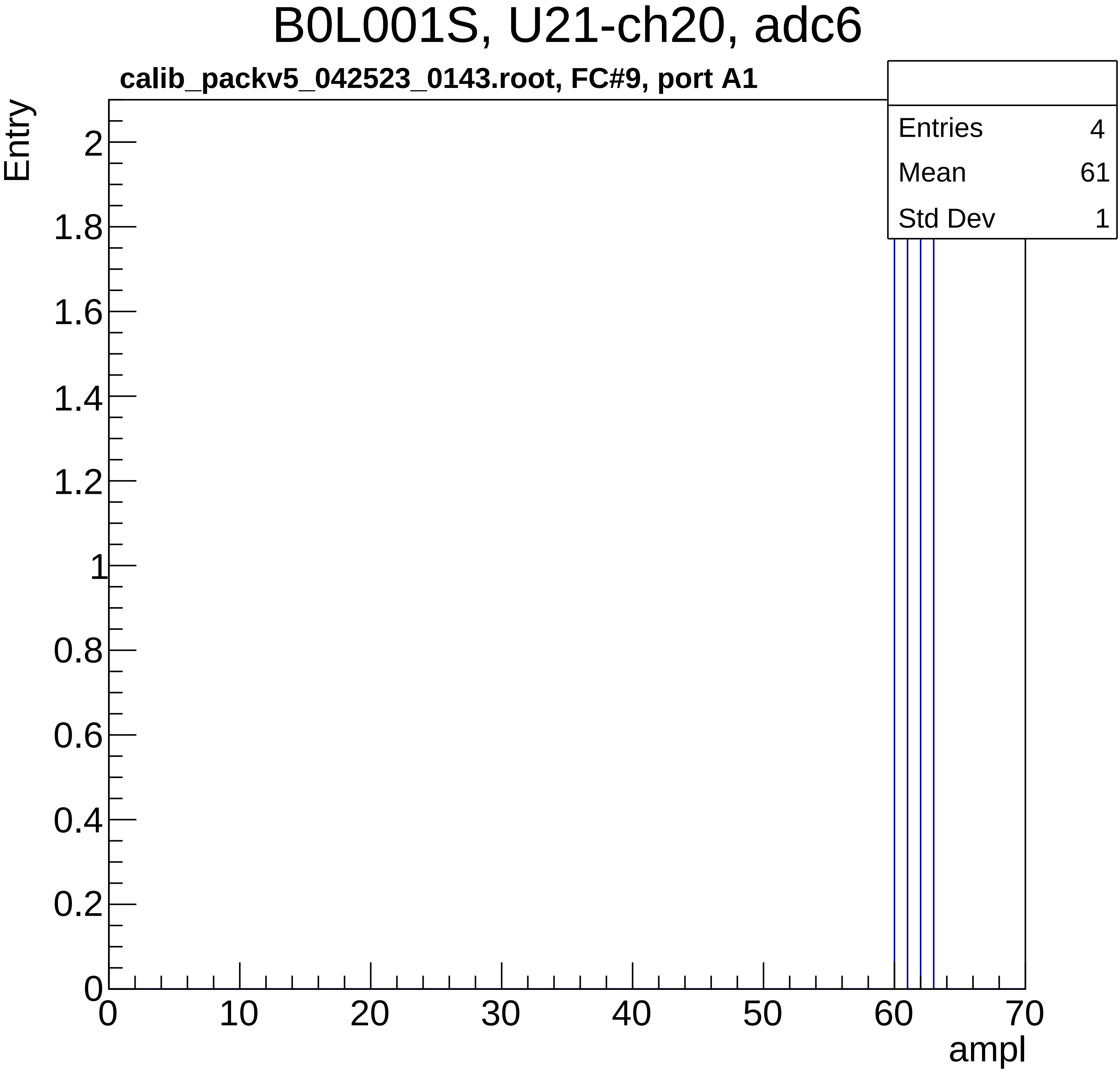

B0L001S, U21-ch20, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 74
Mean 43.51
Std Dev 3.512
Gaus mean : 44.2578
Gaus Width: 3.6610
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

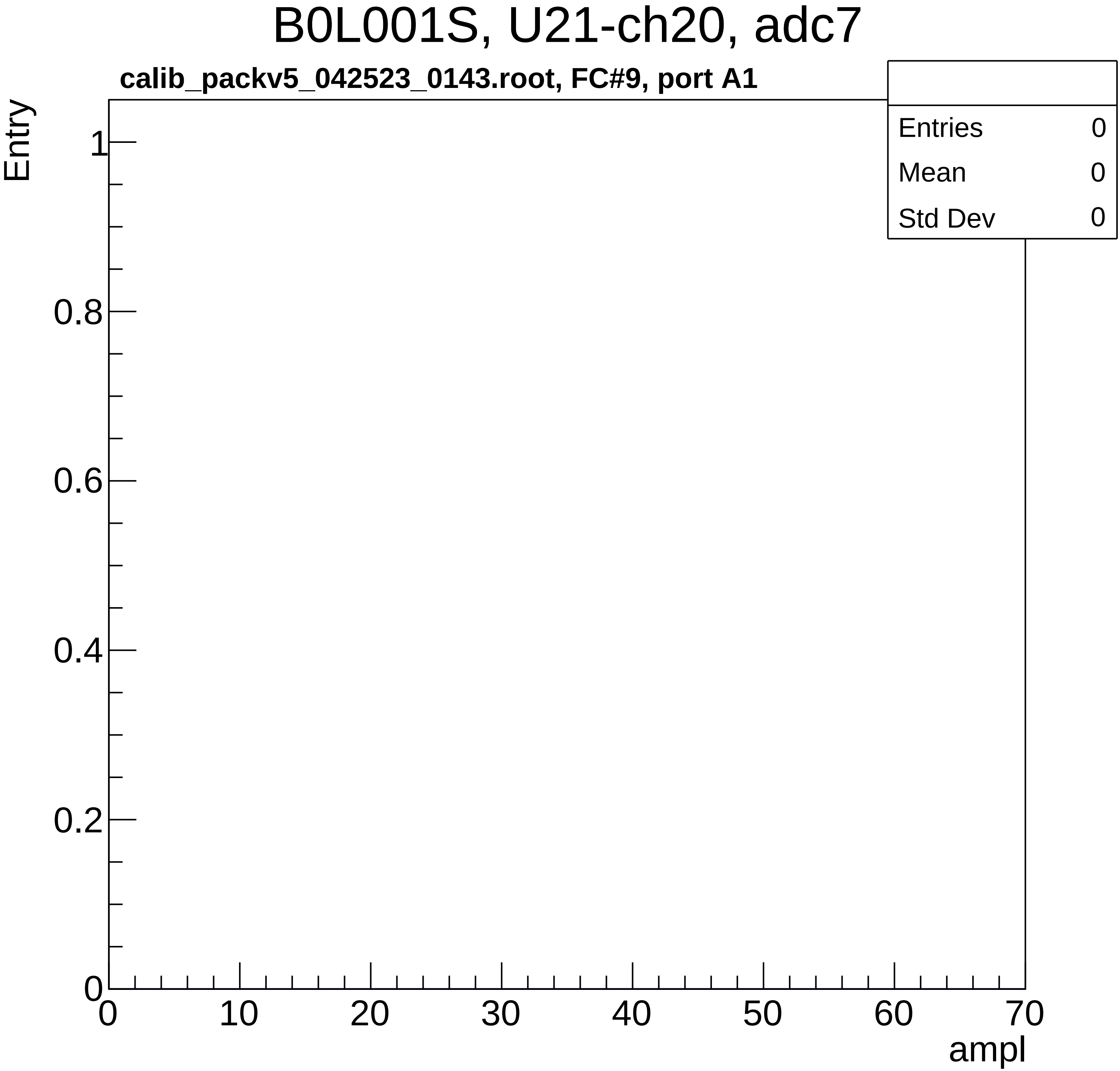

B0L001S, U21-ch20, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 67
Mean 51.27
Std Dev 2.945
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

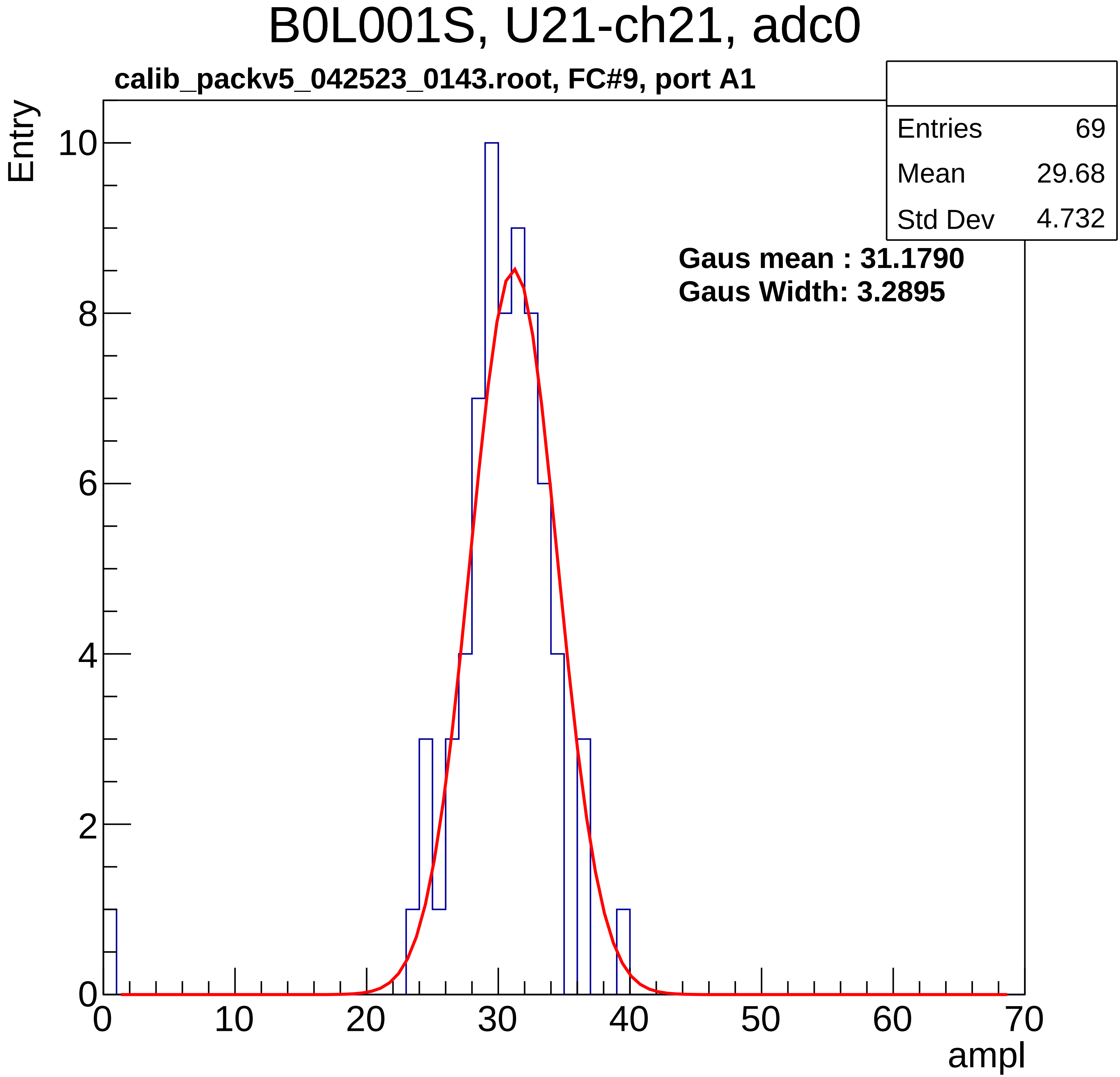


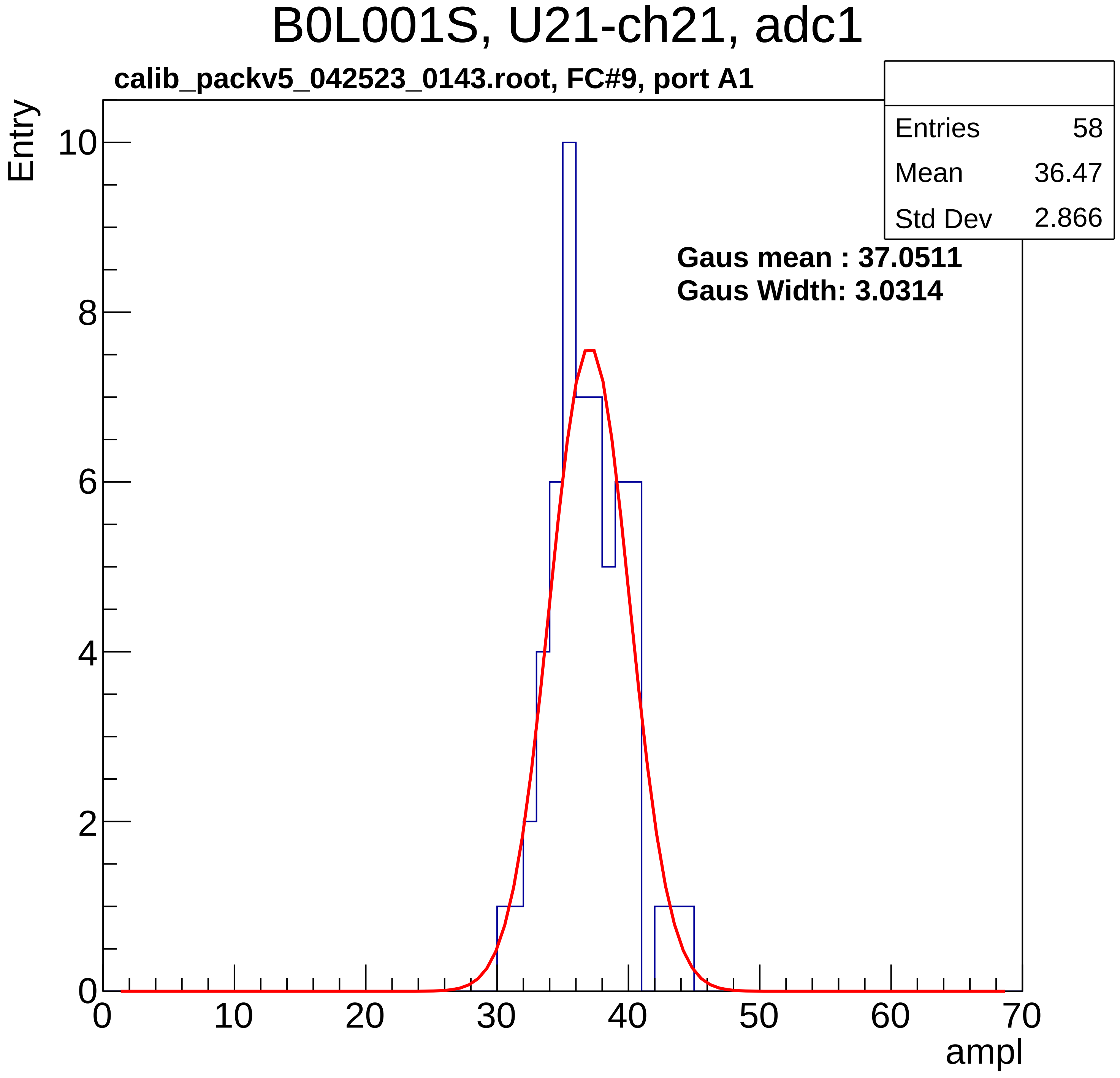
B0L001S, U21-ch20, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 57.04
Std Dev 2.475
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

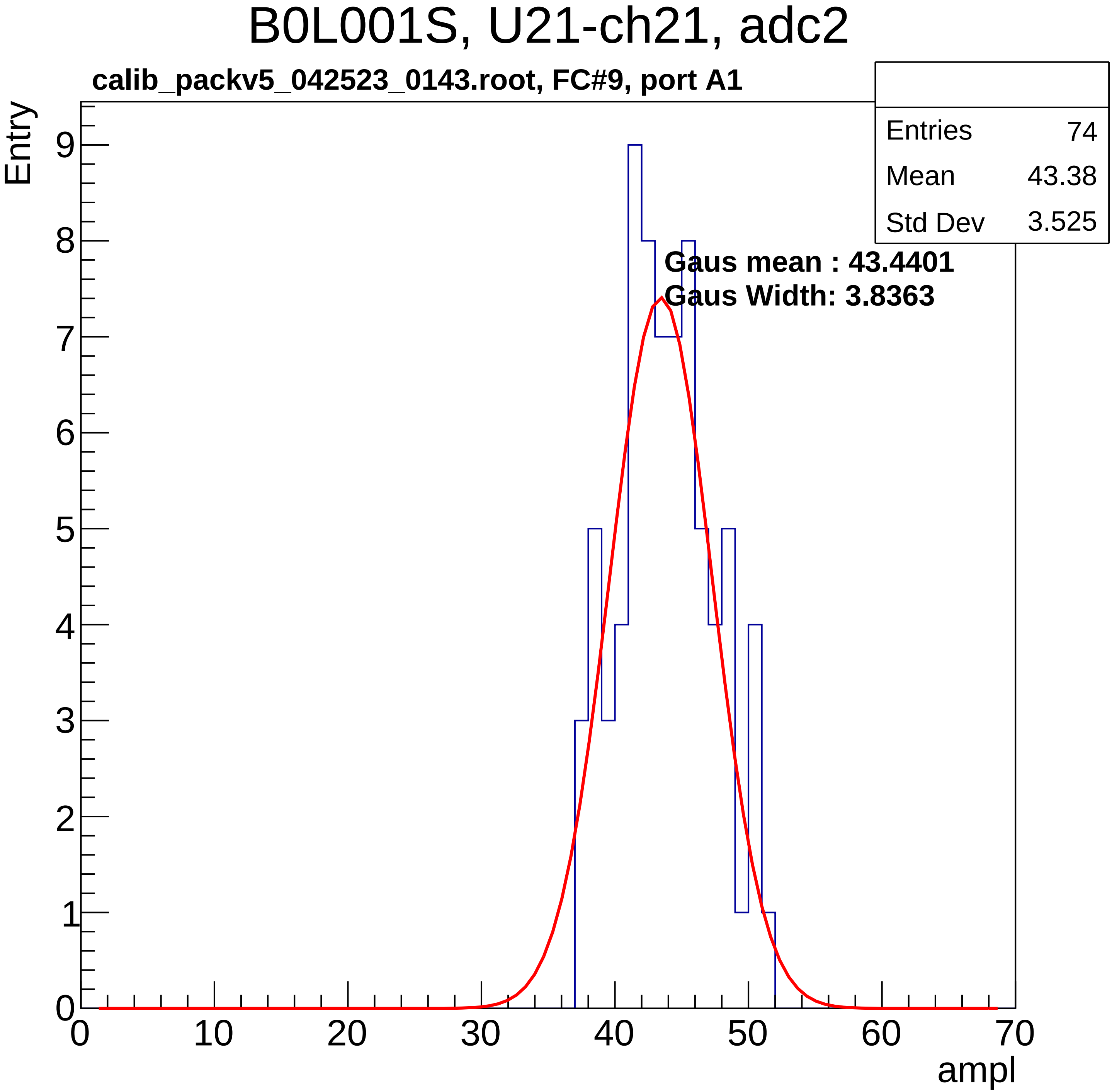

B0L001S, U21-ch20, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 58.95
Std Dev 9.742
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

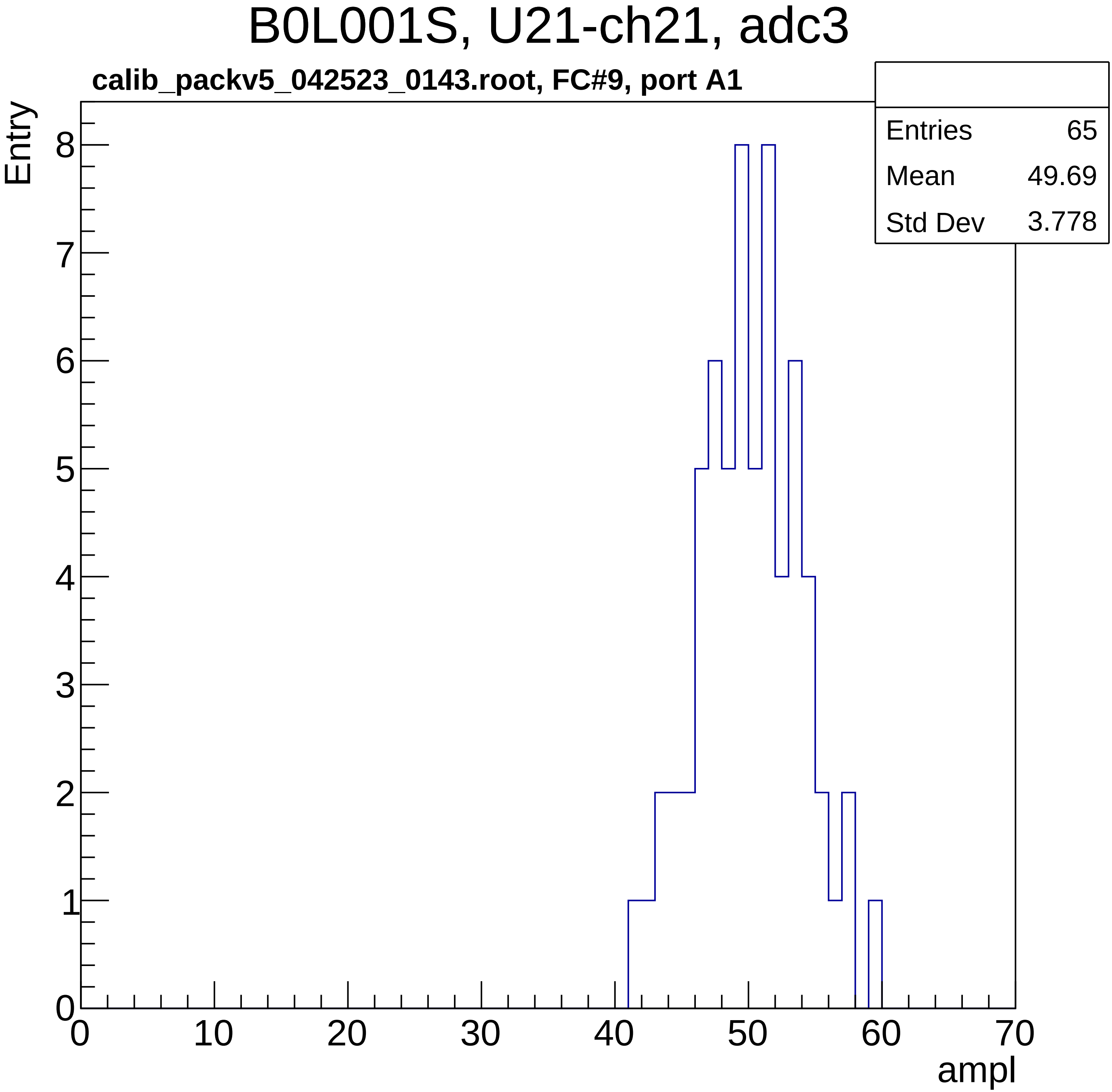

B0L001S, U21-ch20, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 61
Std Dev 1
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

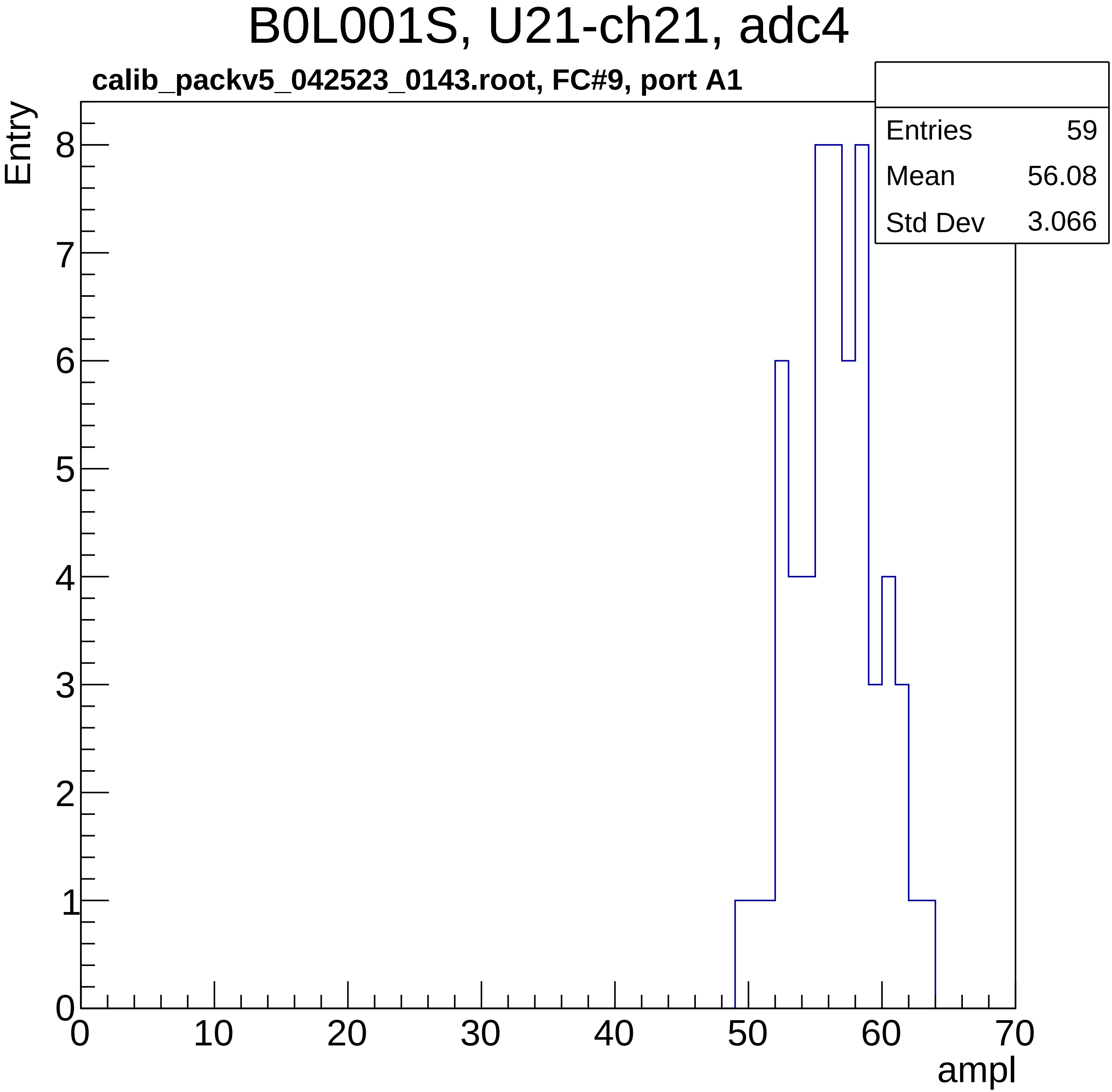

B0L001S, U21-ch20, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

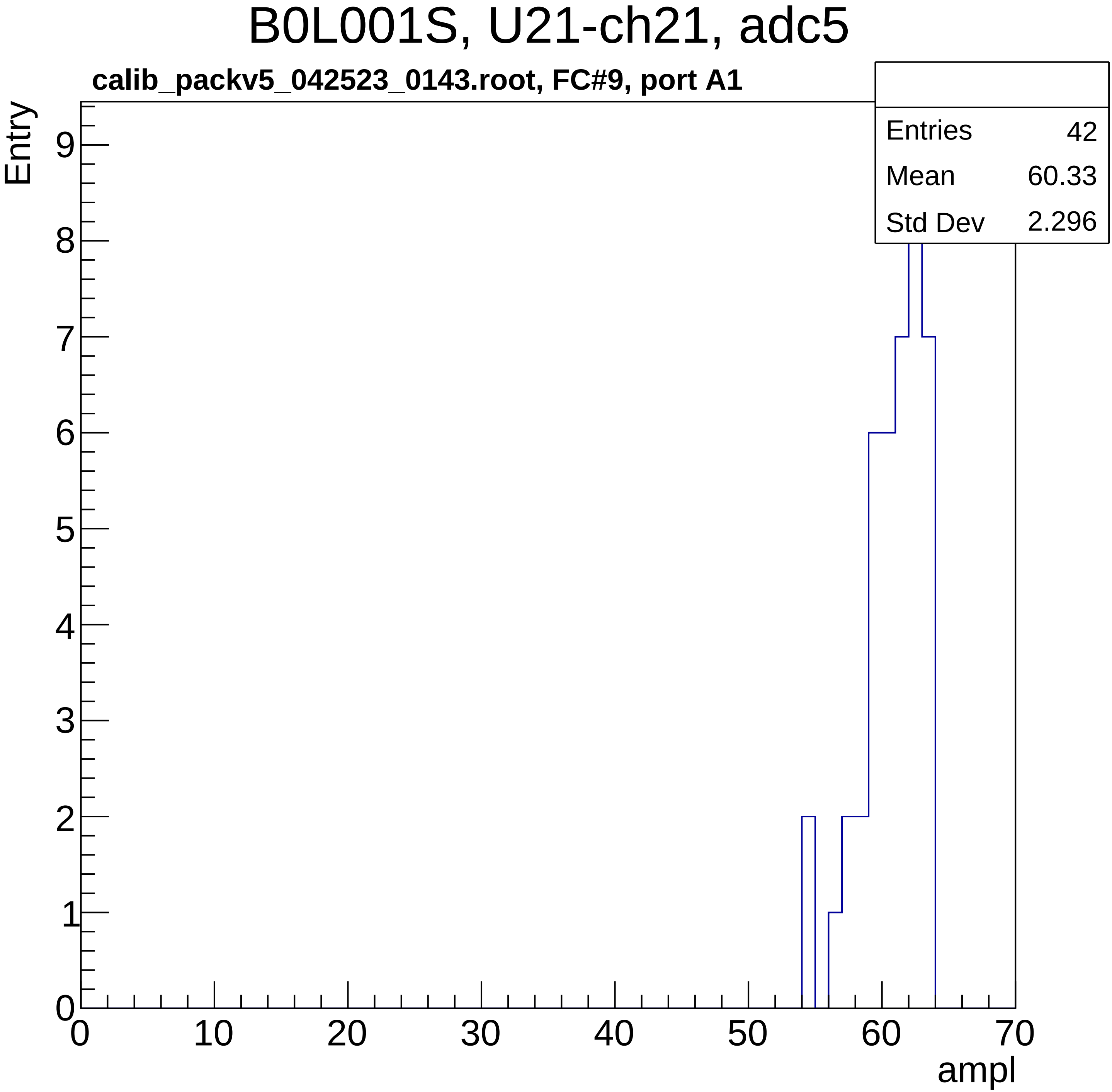

B0L001S, U21-ch21, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 29.68
Std Dev 4.732
Gaus mean : 31.1790
Gaus Width: 3.2895
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

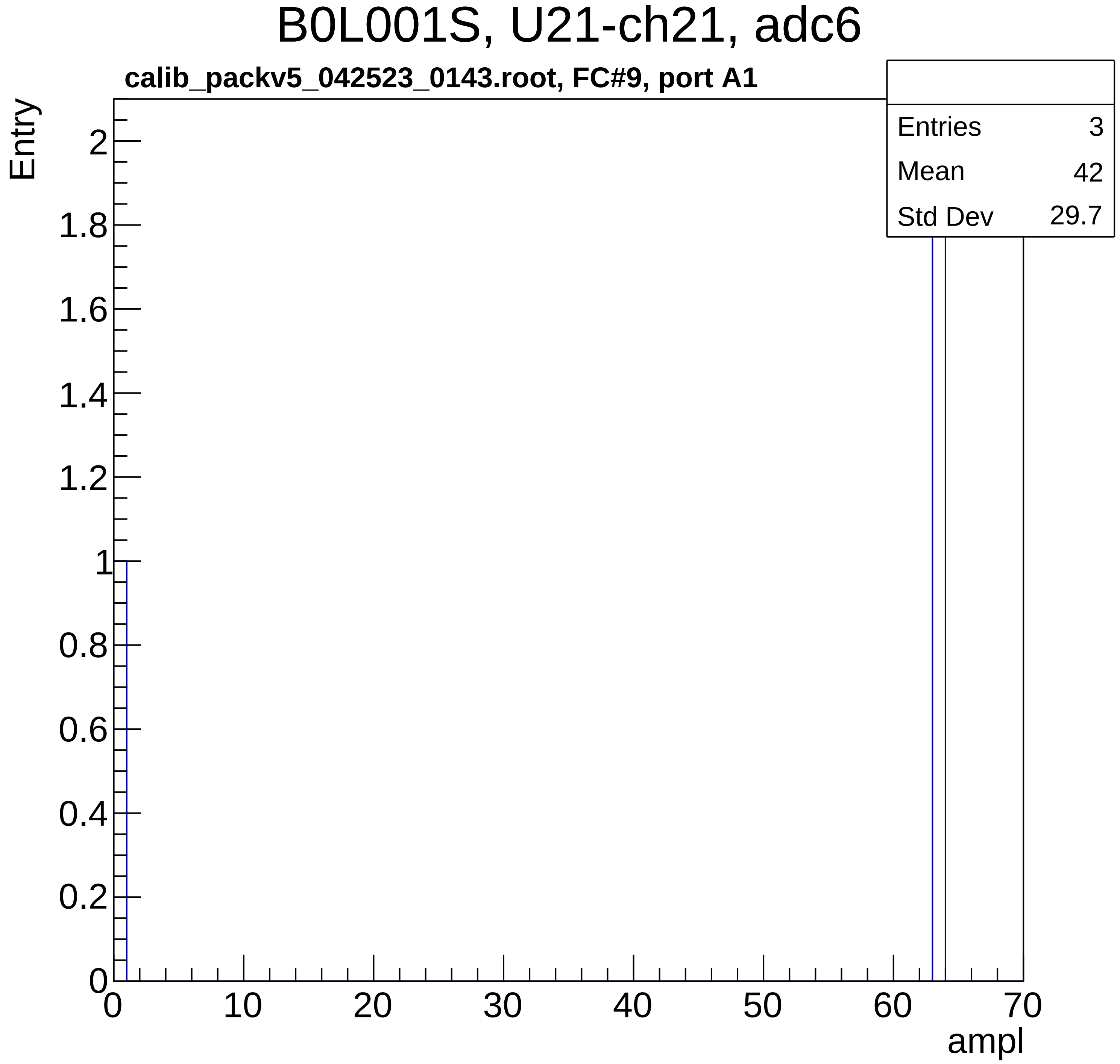

B0L001S, U21-ch21, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 36.47
Std Dev 2.866
Gaus mean : 37.0511
Gaus Width: 3.0314
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

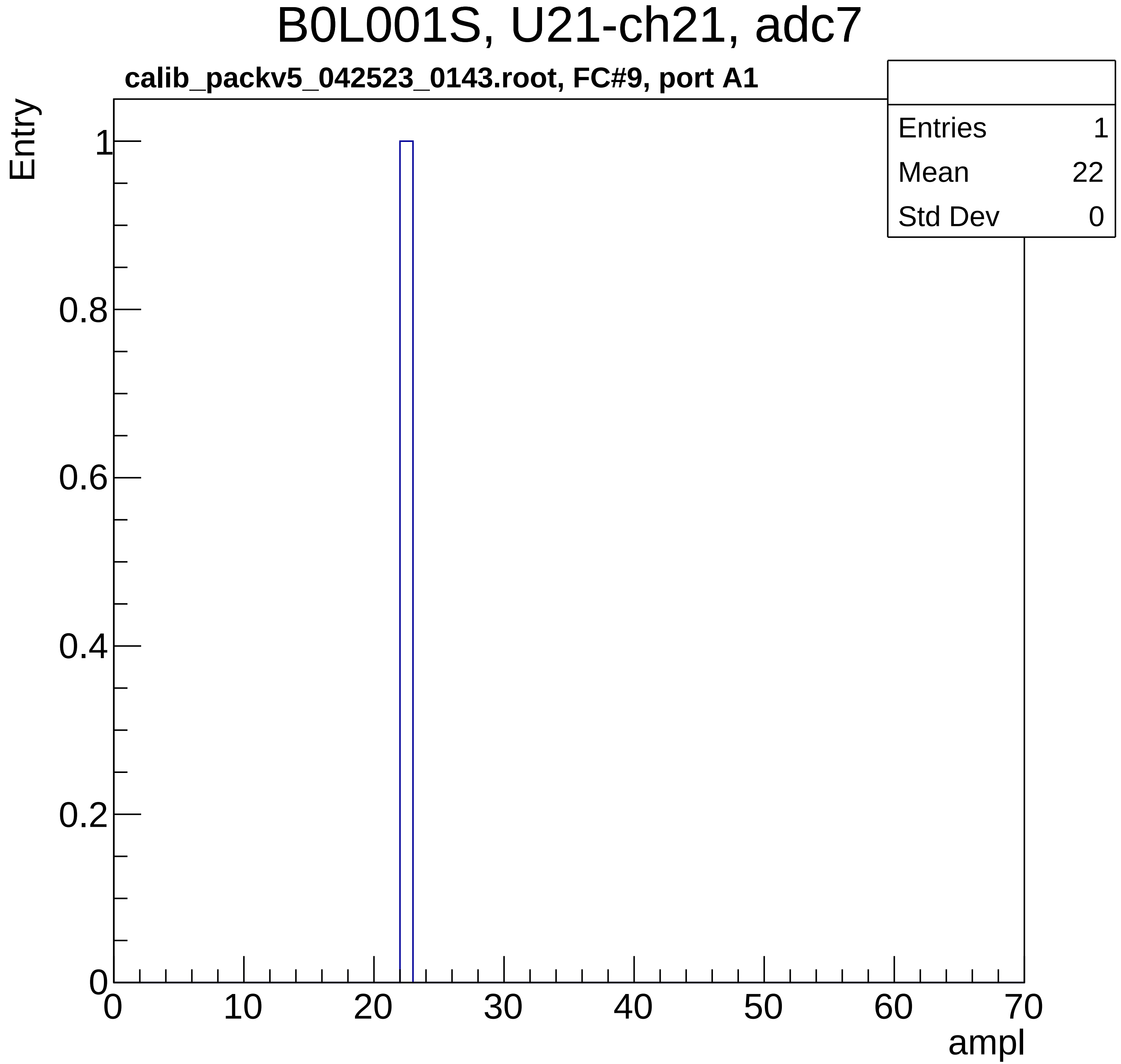

B0L001S, U21-ch21, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 43.38
Std Dev 3.525
Gaus mean : 43.4401
Gaus Width: 3.8363
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

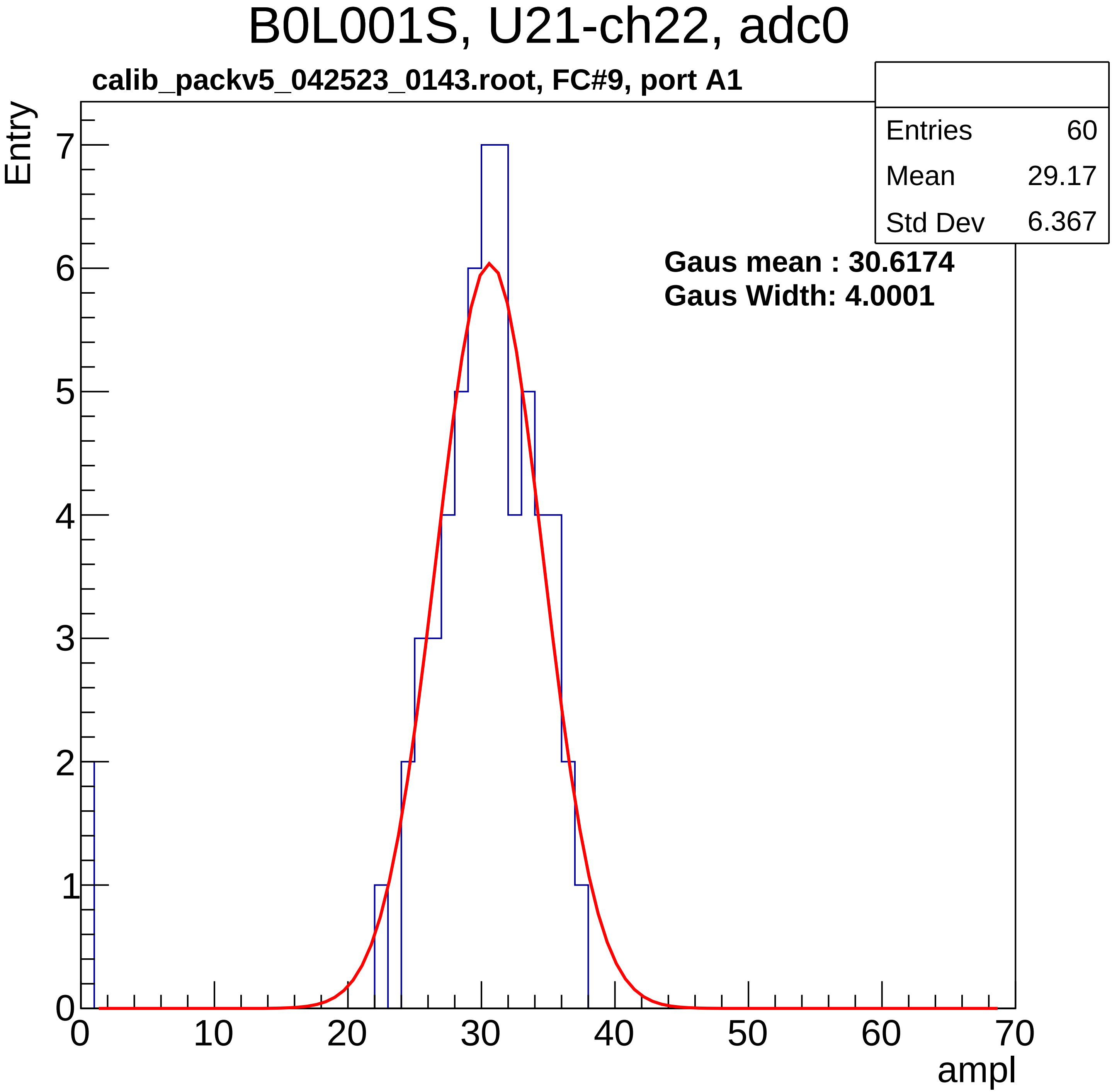

B0L001S, U21-ch21, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 49.69
Std Dev 3.778
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

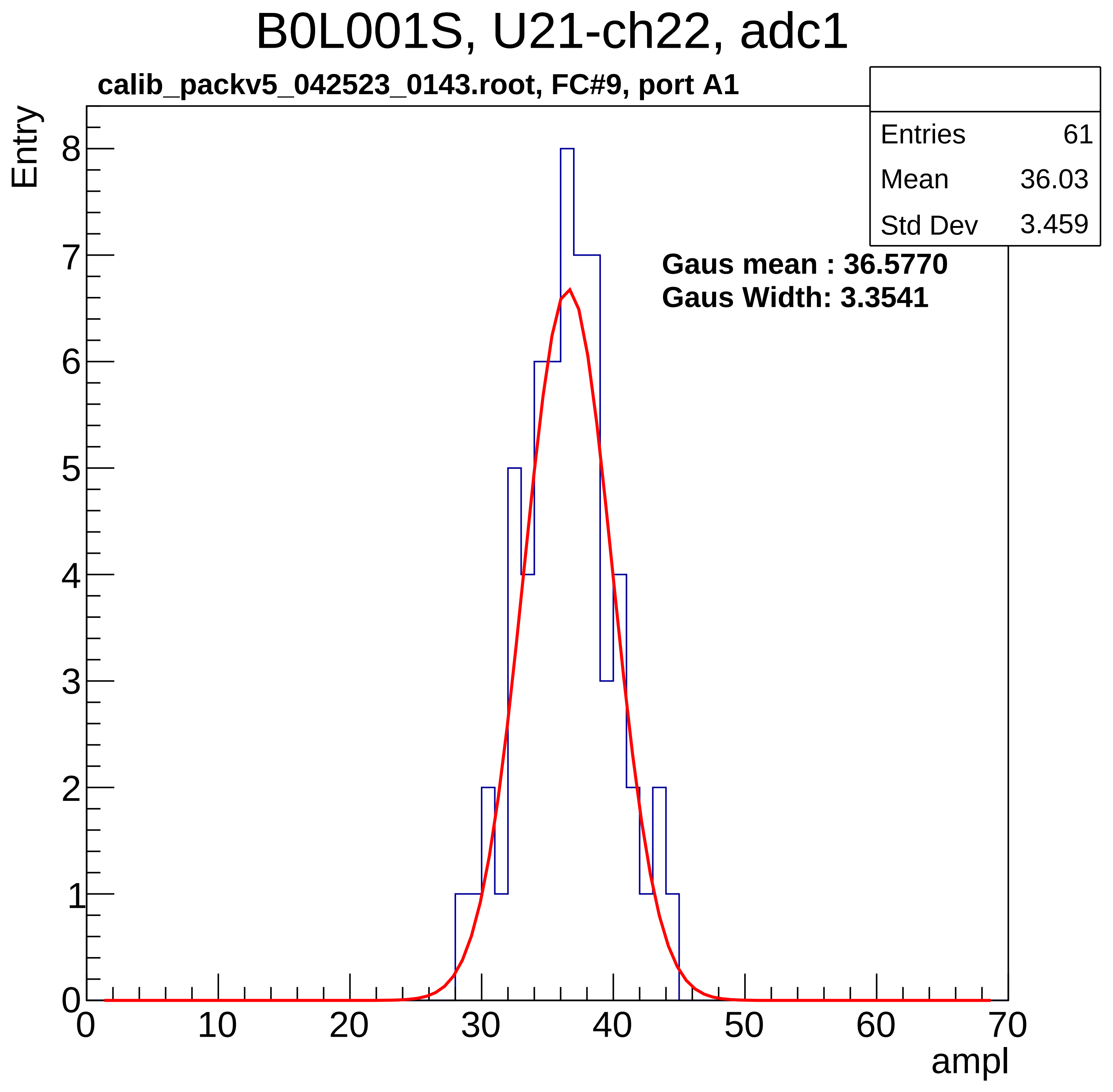

B0L001S, U21-ch21, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 56.08
Std Dev 3.066
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

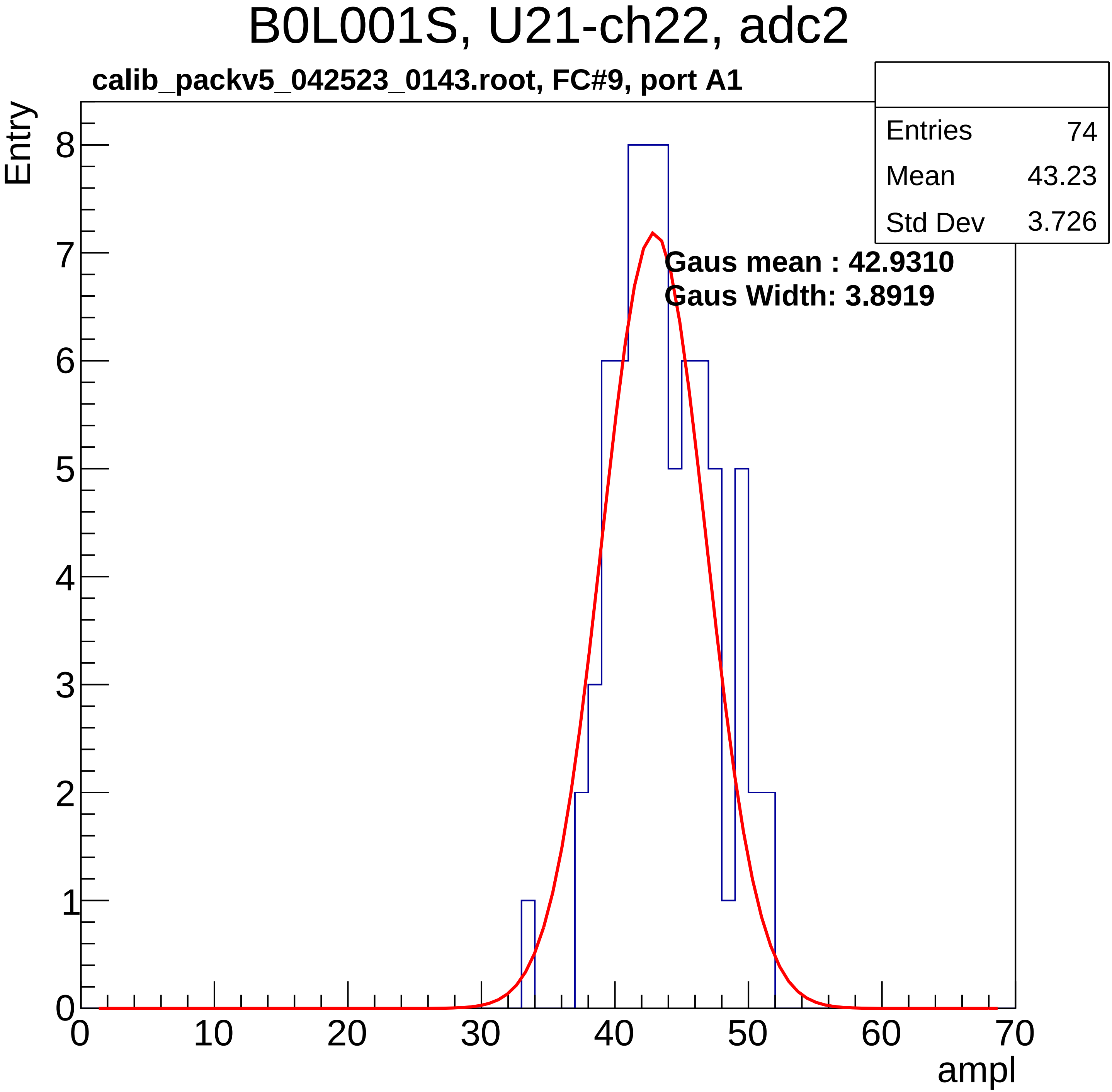

B0L001S, U21-ch21, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 60.33
Std Dev 2.296
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch21, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 42
Std Dev 29.7
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

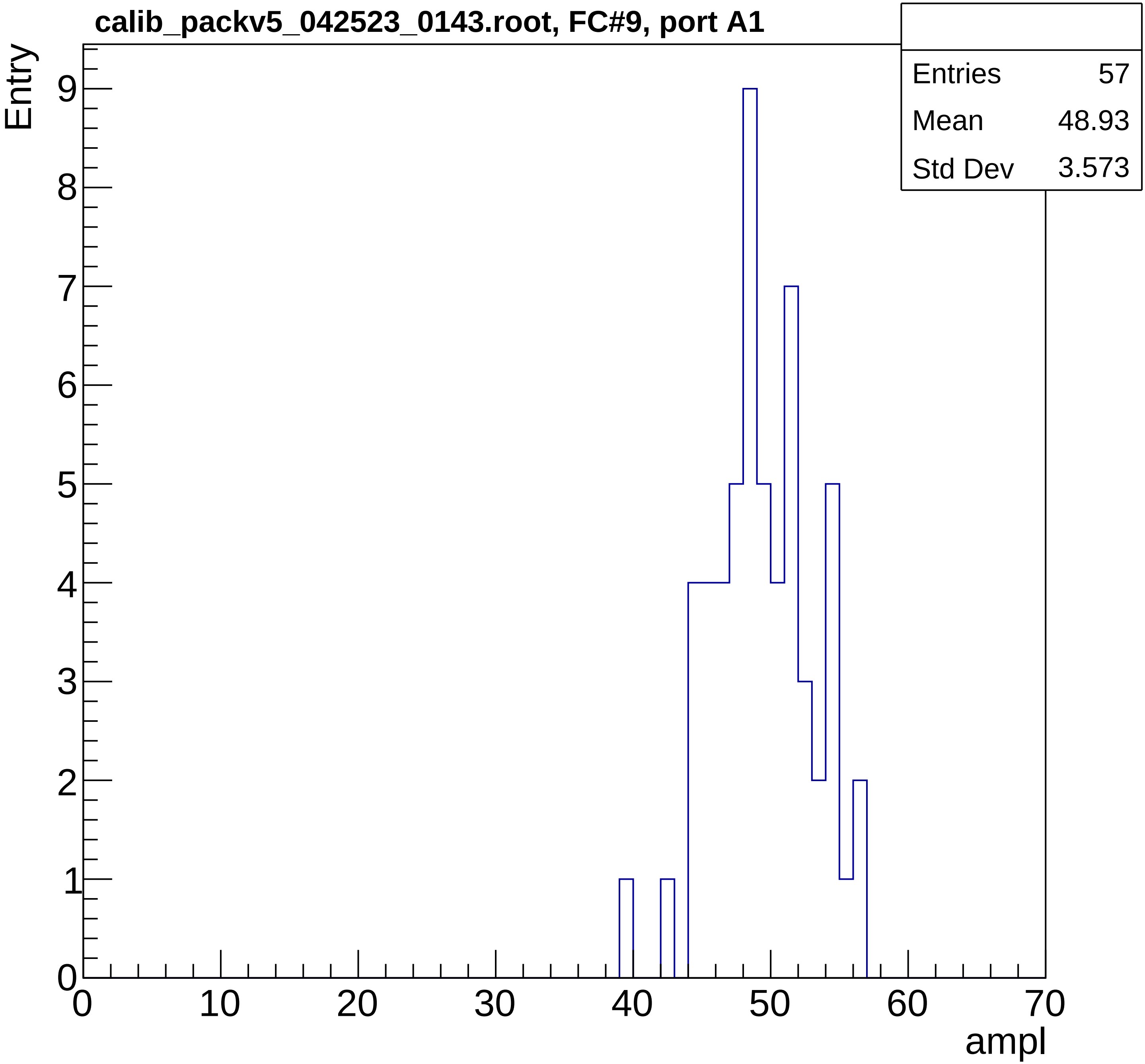

B0L001S, U21-ch21, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

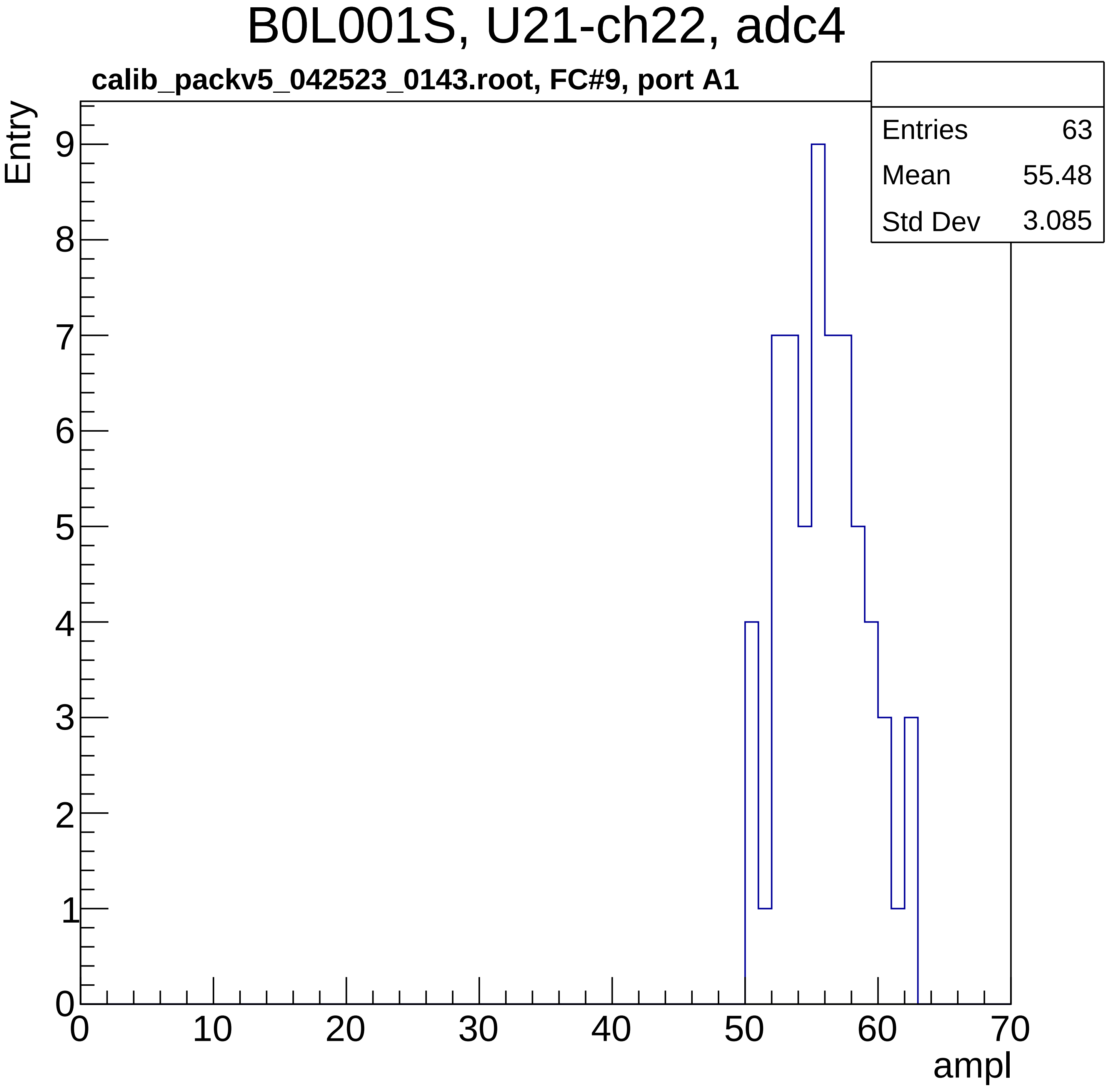

B0L001S, U21-ch22, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 29.17
Std Dev 6.367
Gaus mean : 30.6174
Gaus Width: 4.0001
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

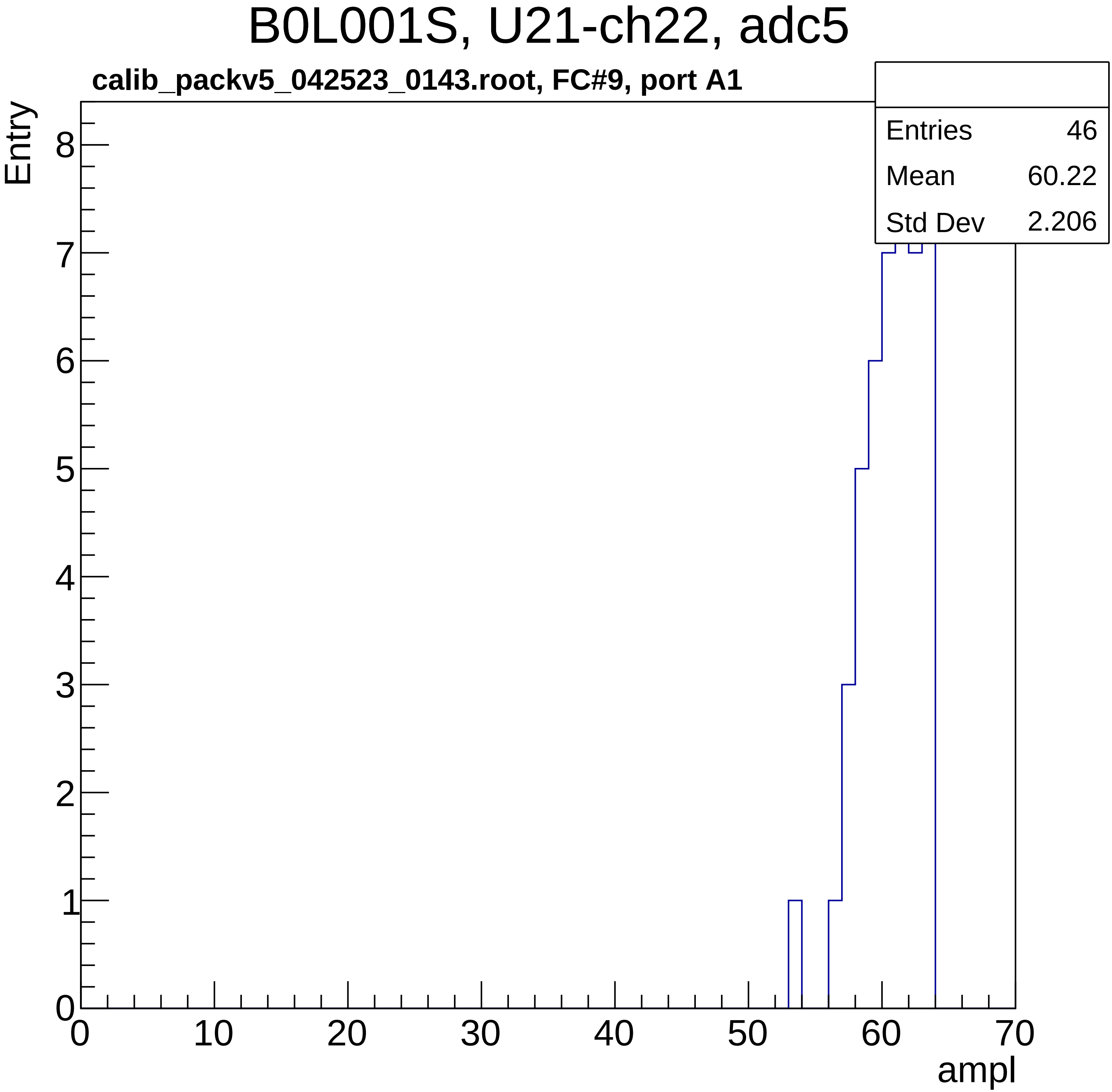

B0L001S, U21-ch22, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 36.03
Std Dev 3.459
Gaus mean : 36.5770
Gaus Width: 3.3541
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

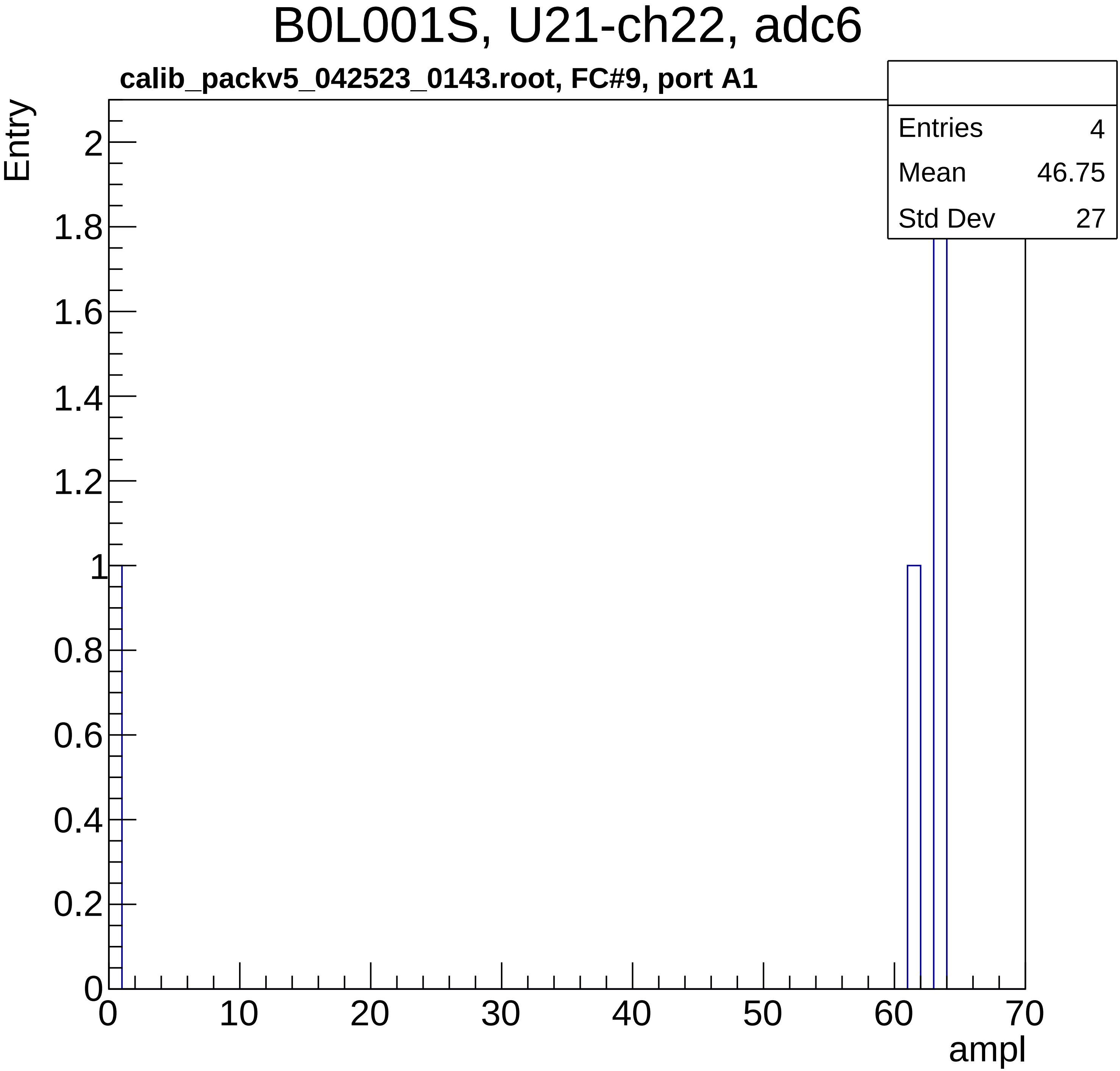

B0L001S, U21-ch22, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 74
Mean 43.23
Std Dev 3.726
Gaus mean : 42.9310
Gaus Width: 3.8919
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

B0L001S, U21-ch22, adc3

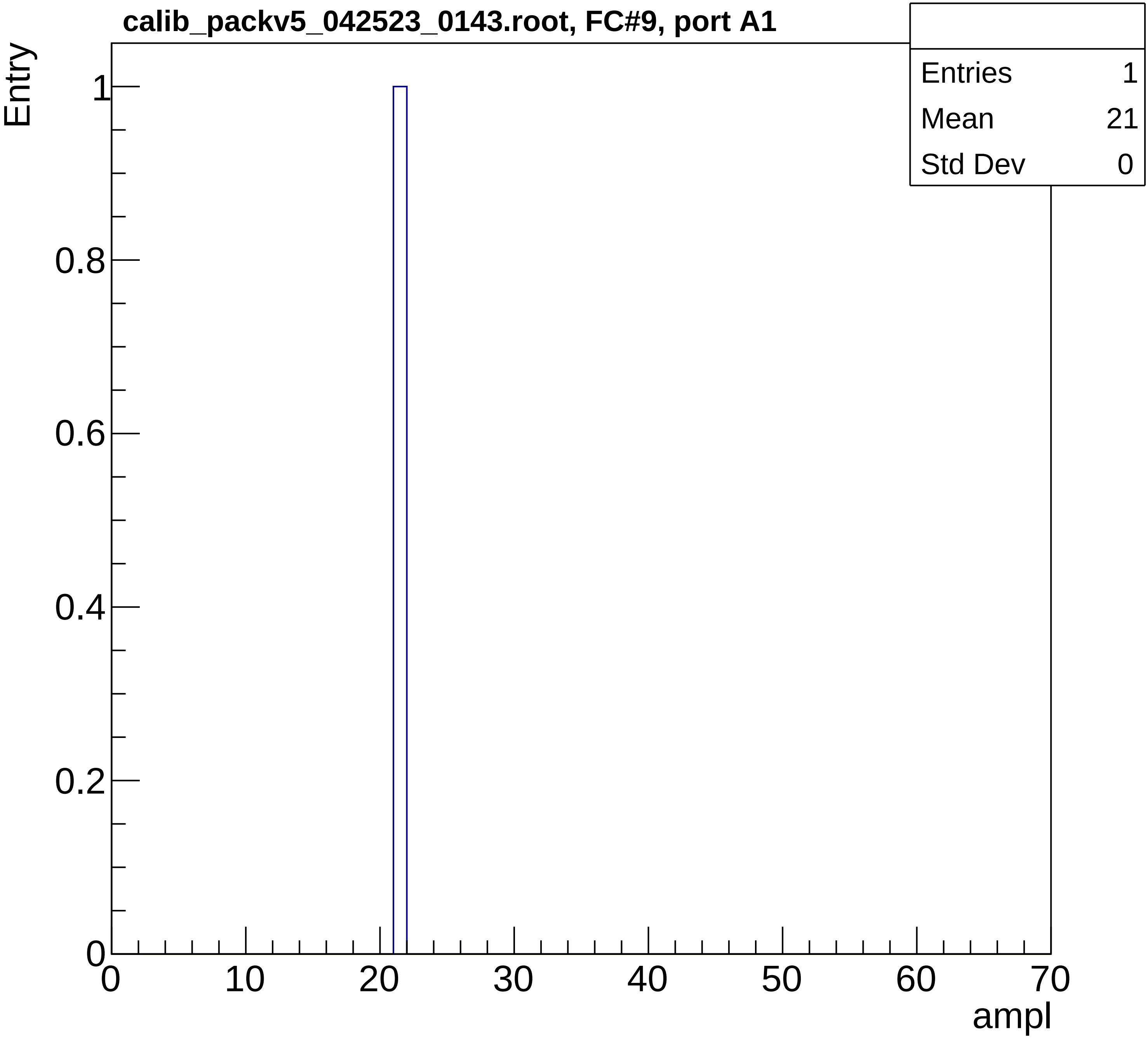


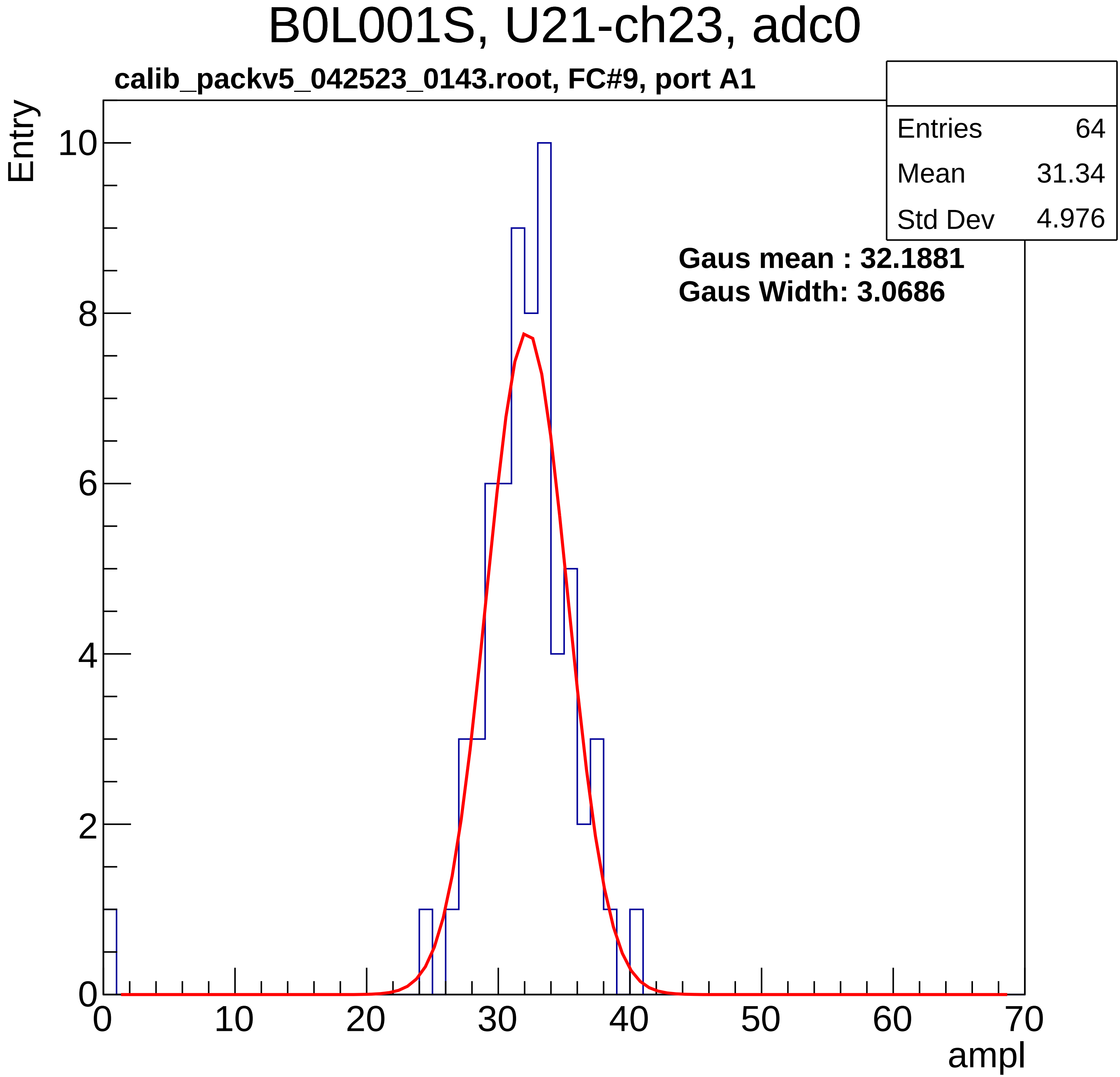

B0L001S, U21-ch22, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 55.48
Std Dev 3.085
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

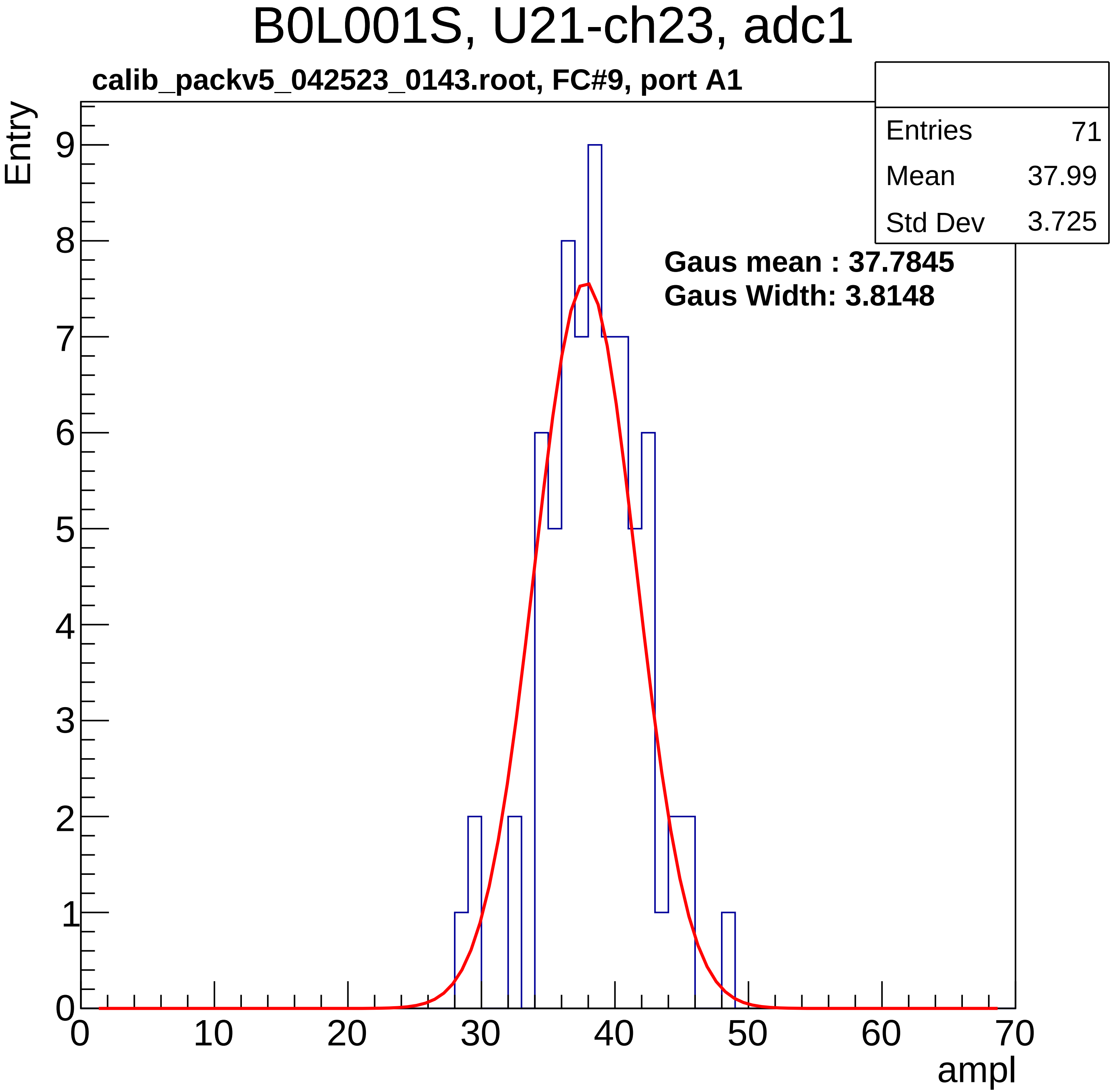

B0L001S, U21-ch22, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 60.22
Std Dev 2.206
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

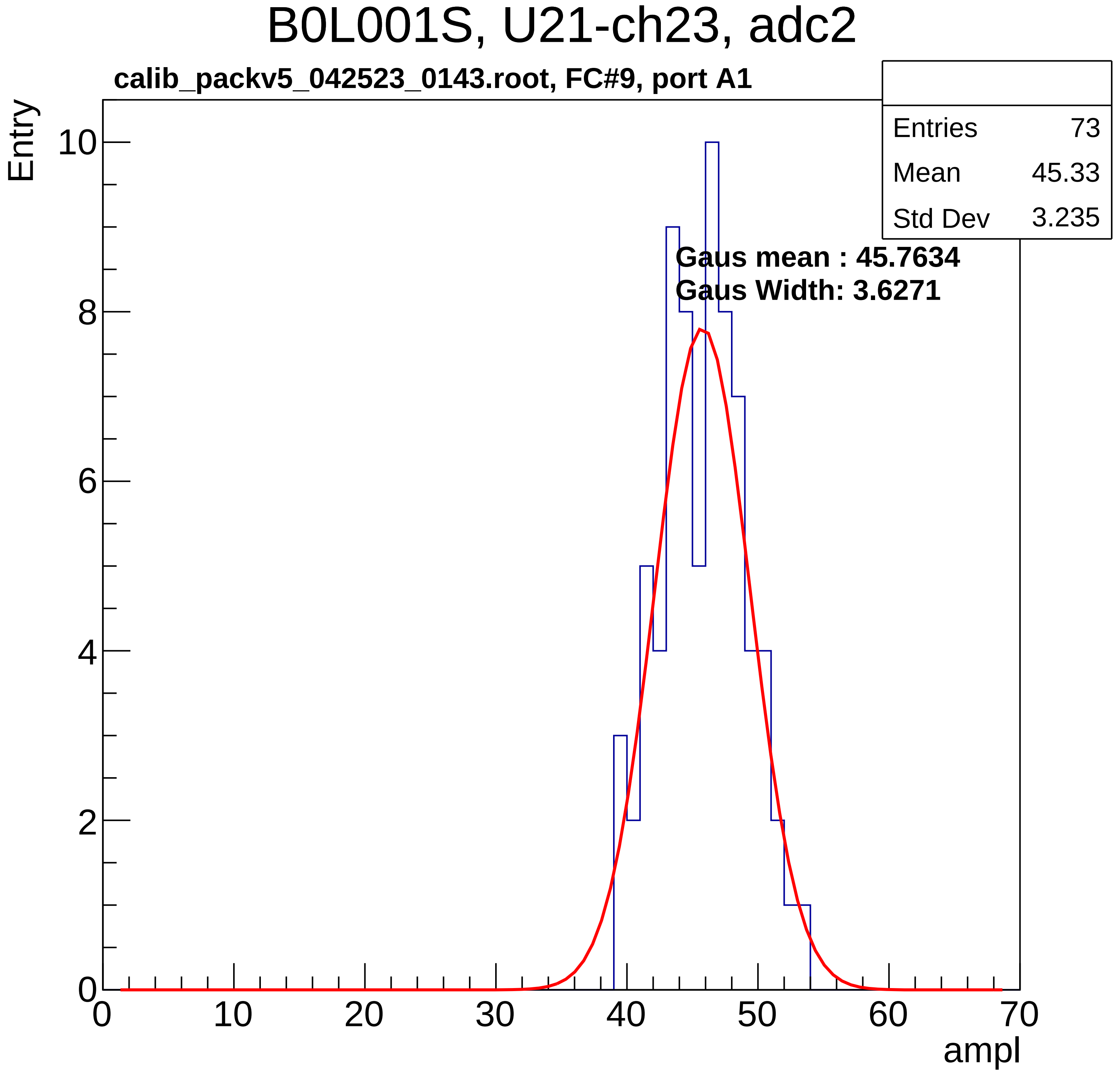

B0L001S, U21-ch22, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 4
Mean 46.75
Std Dev 27
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

B0L001S, U21-ch22, adc7



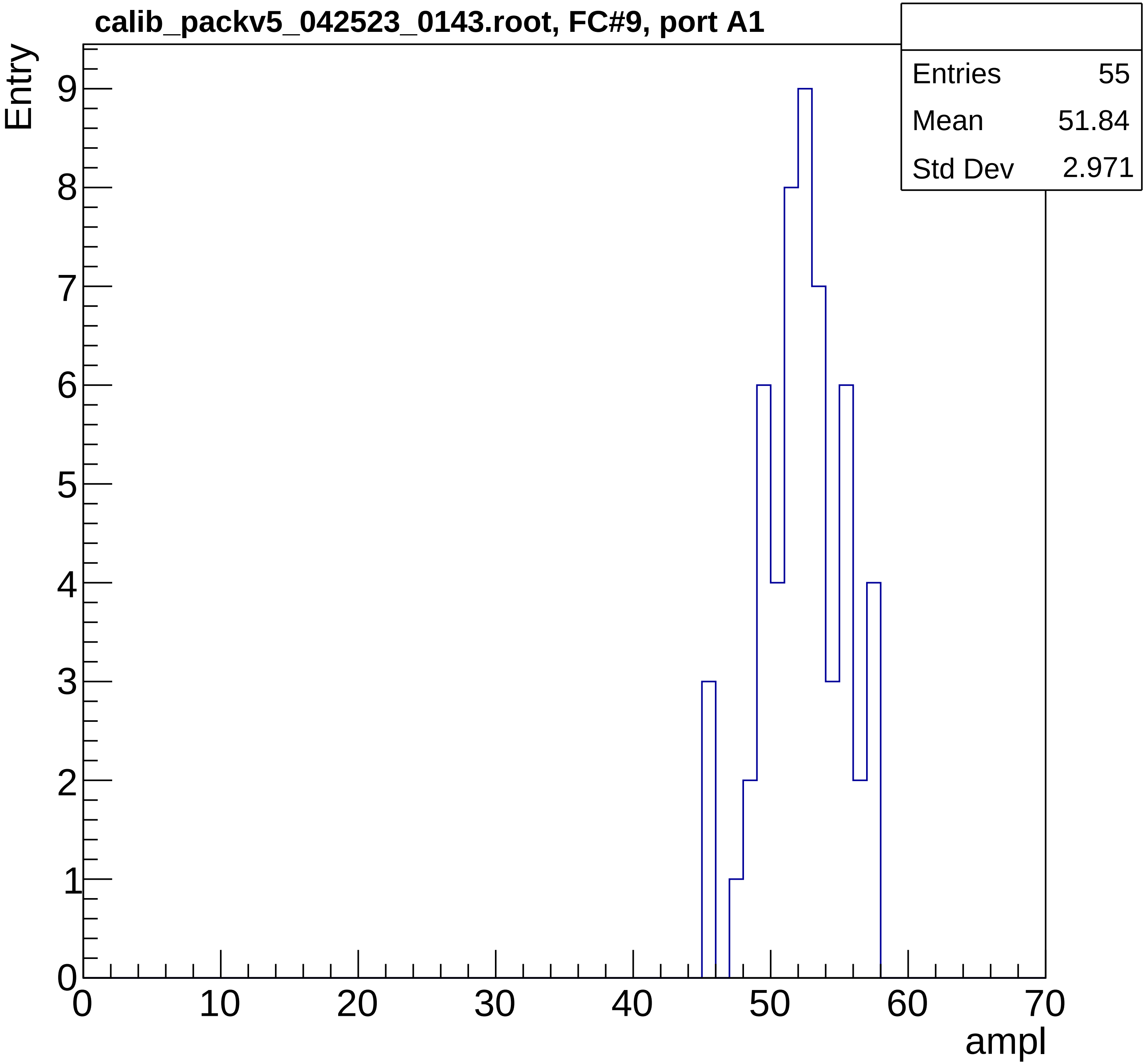

B0L001S, U21-ch23, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 31.34
Std Dev 4.976
Gaus mean : 32.1881
Gaus Width: 3.0686
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

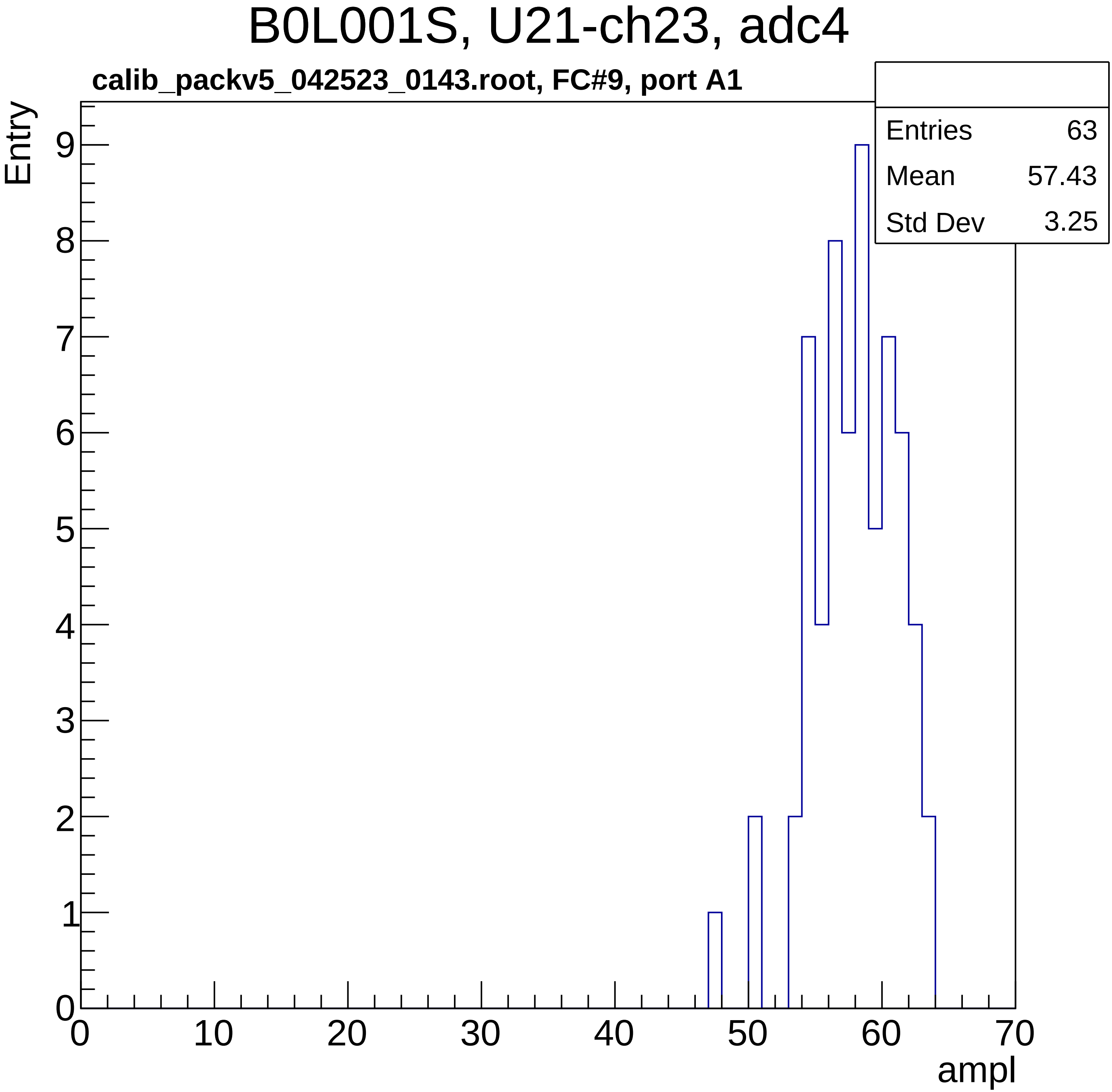

B0L001S, U21-ch23, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.99
Std Dev 3.725
Gaus mean : 37.7845
Gaus Width: 3.8148
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

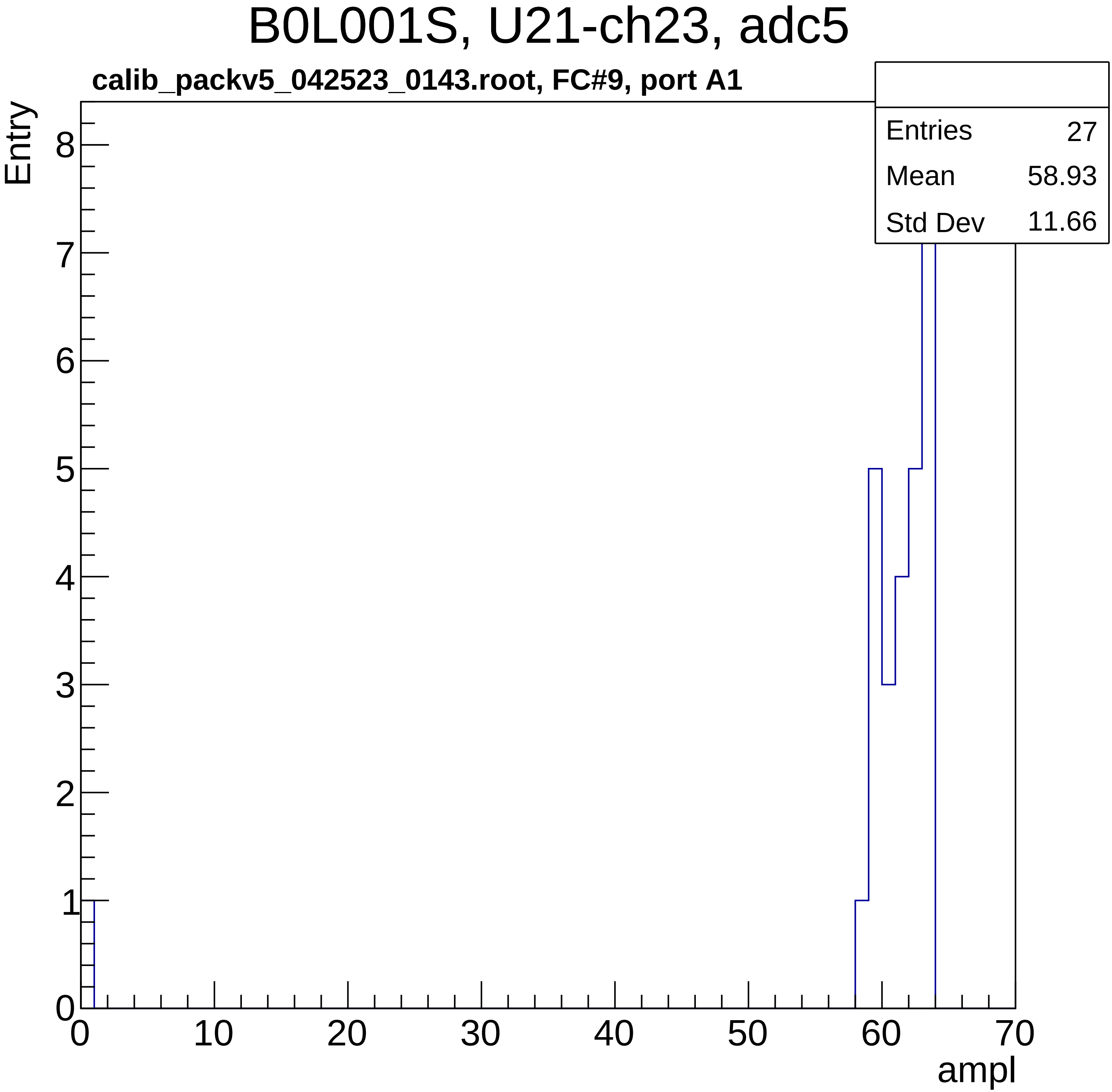

B0L001S, U21-ch23, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 45.33
Std Dev 3.235
Gaus mean : 45.7634
Gaus Width: 3.6271
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

B0L001S, U21-ch23, adc3

calib_packv5_042523_0143.root, FC#9, port A1

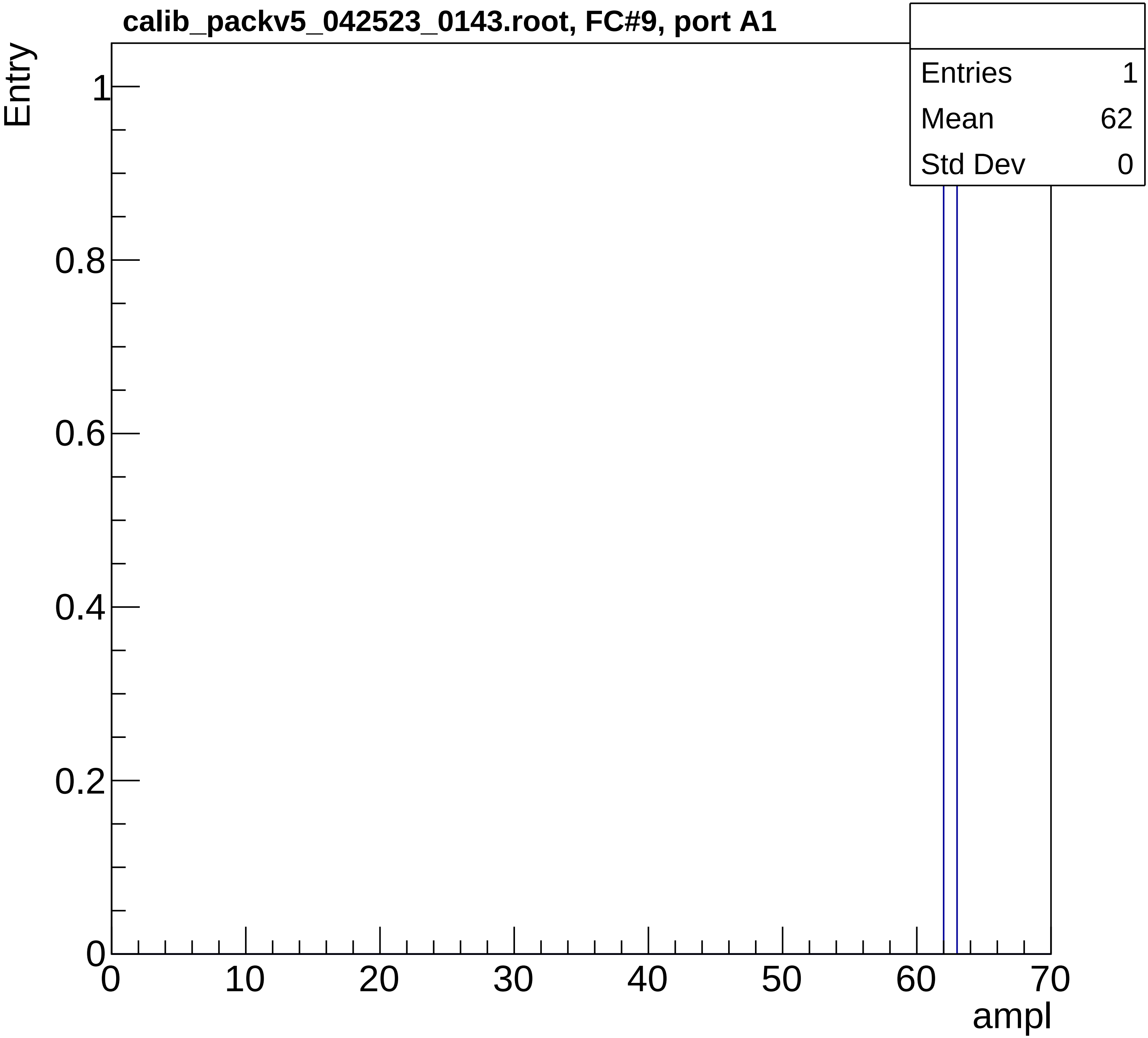


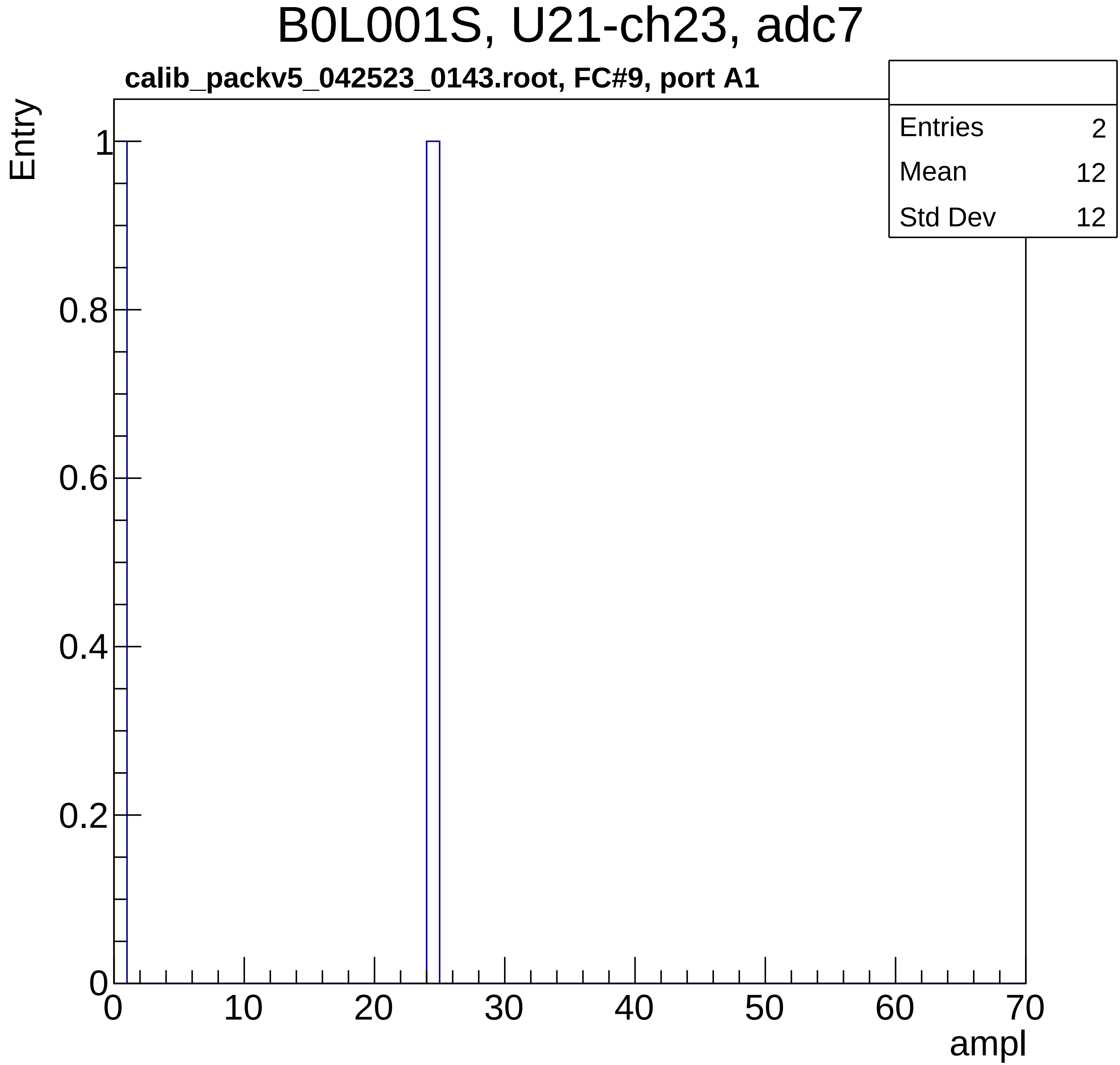

B0L001S, U21-ch23, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 57.43
Std Dev 3.25
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

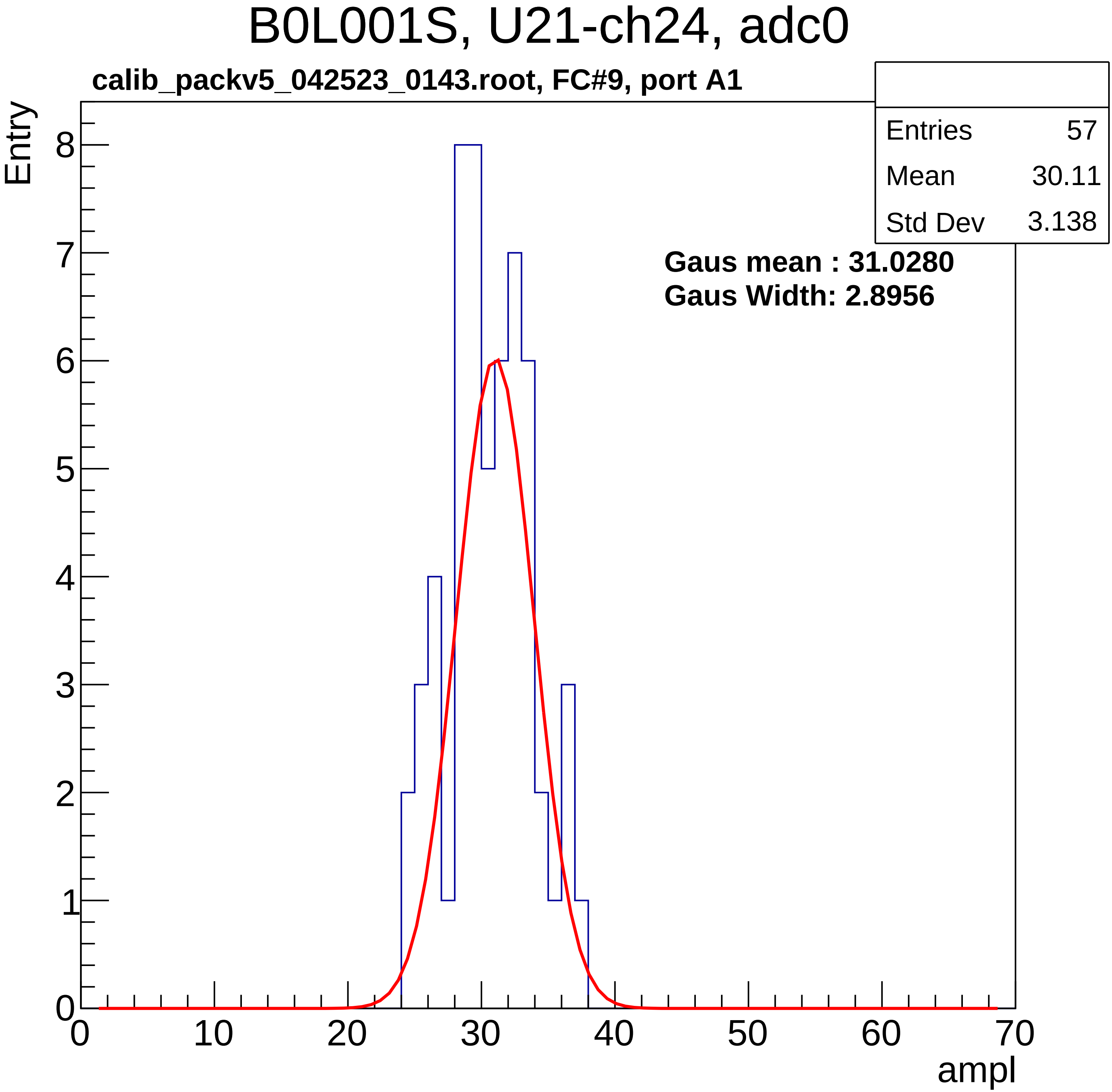

B0L001S, U21-ch23, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.93
Std Dev 11.66
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

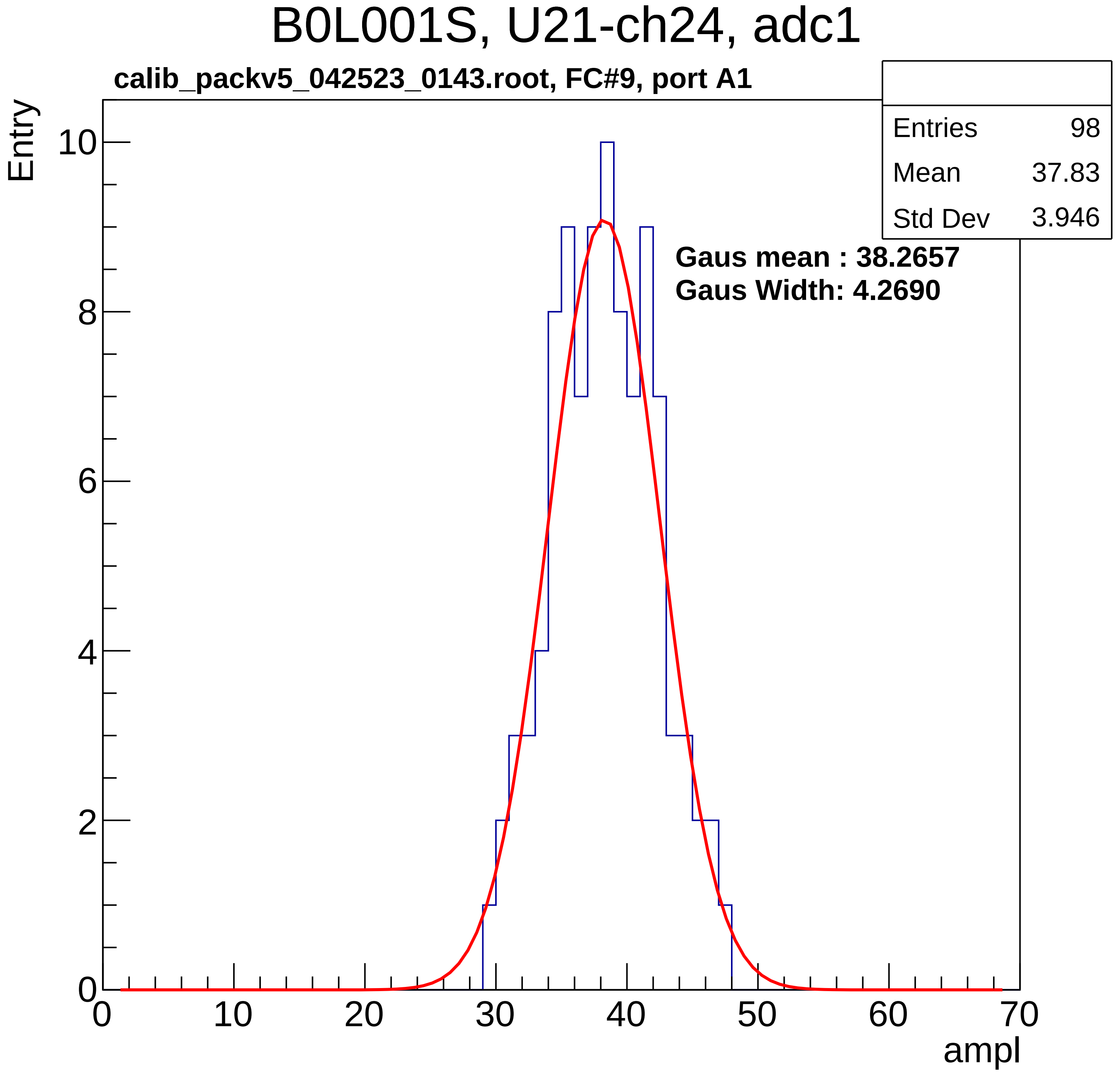
B0L001S, U21-ch23, adc6

calib_packv5_042523_0143.root, FC#9, port A1

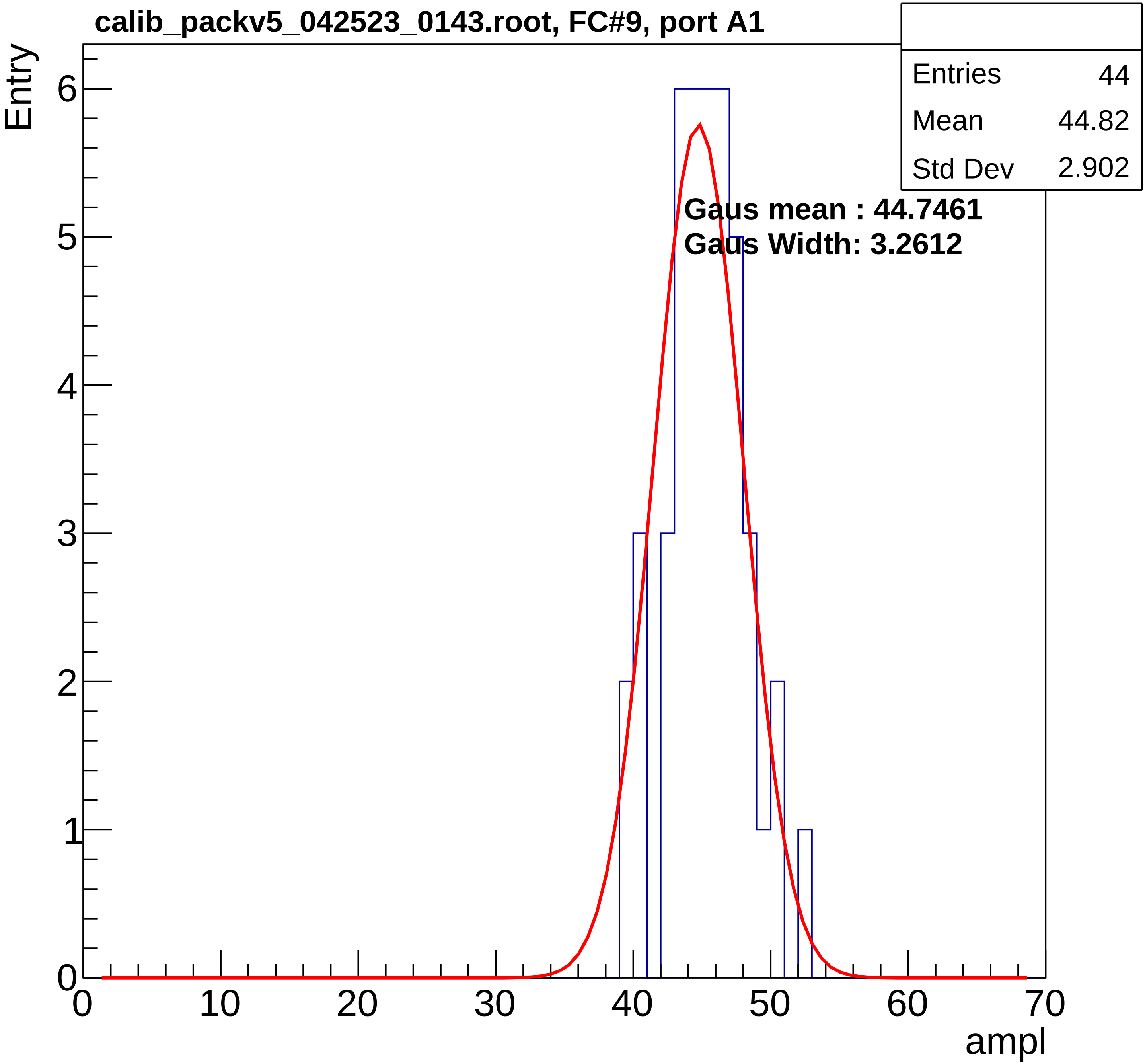


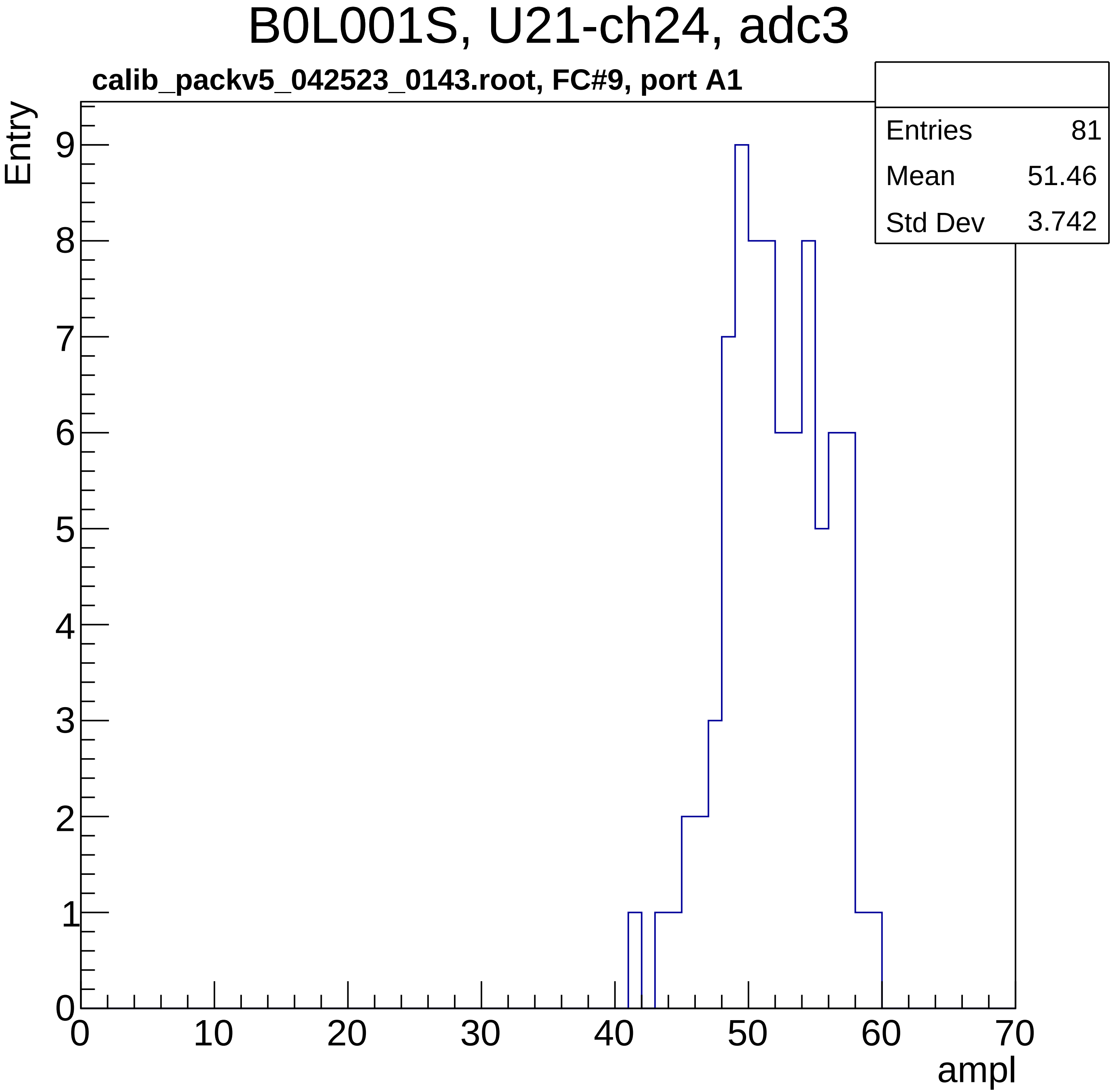

B0L001S, U21-ch23, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 2
Mean 12
Std Dev 12
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

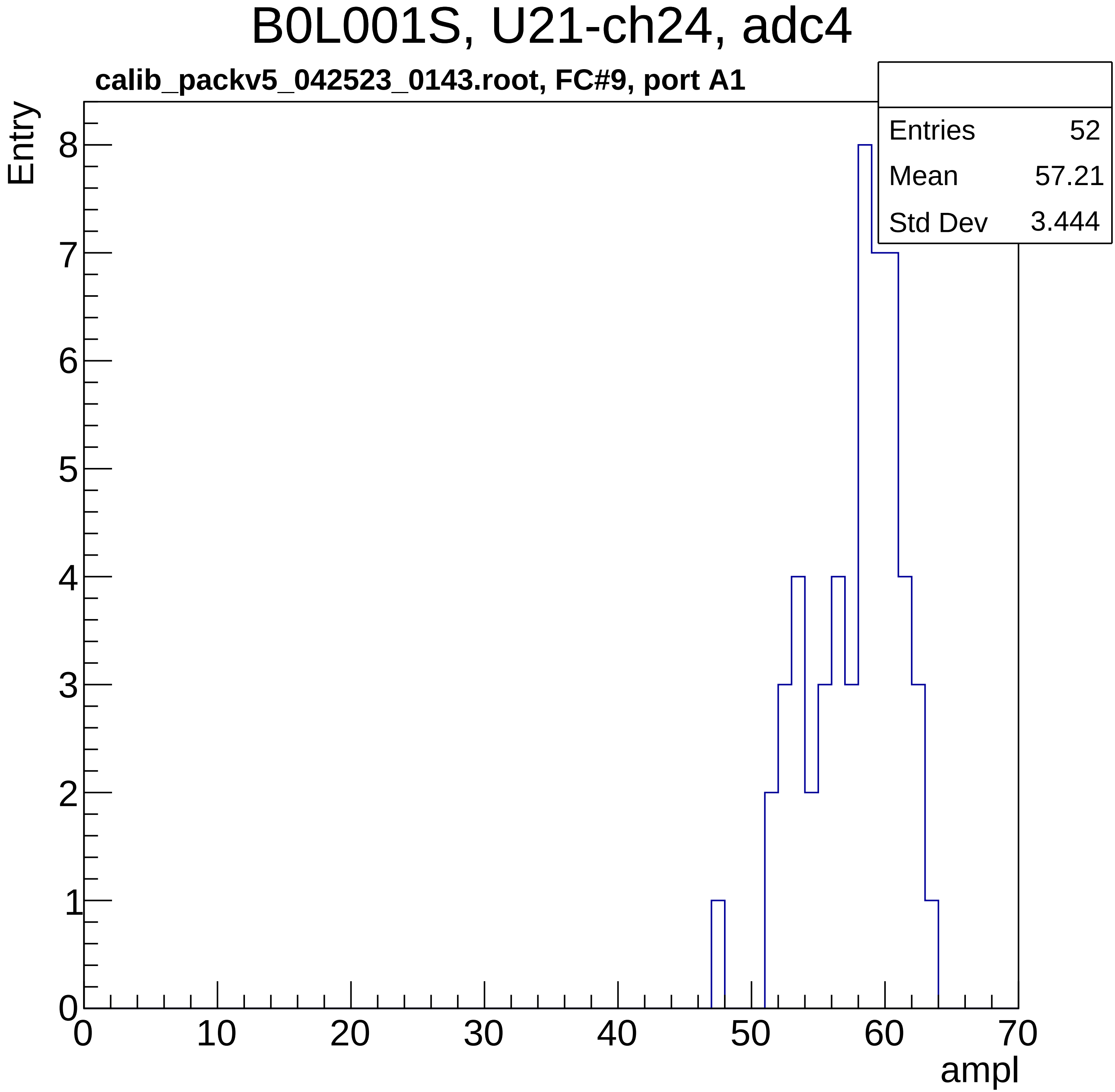

B0L001S, U21-ch24, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 57
Mean 30.11
Std Dev 3.138
Gaus mean : 31.0280
Gaus Width: 2.8956
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

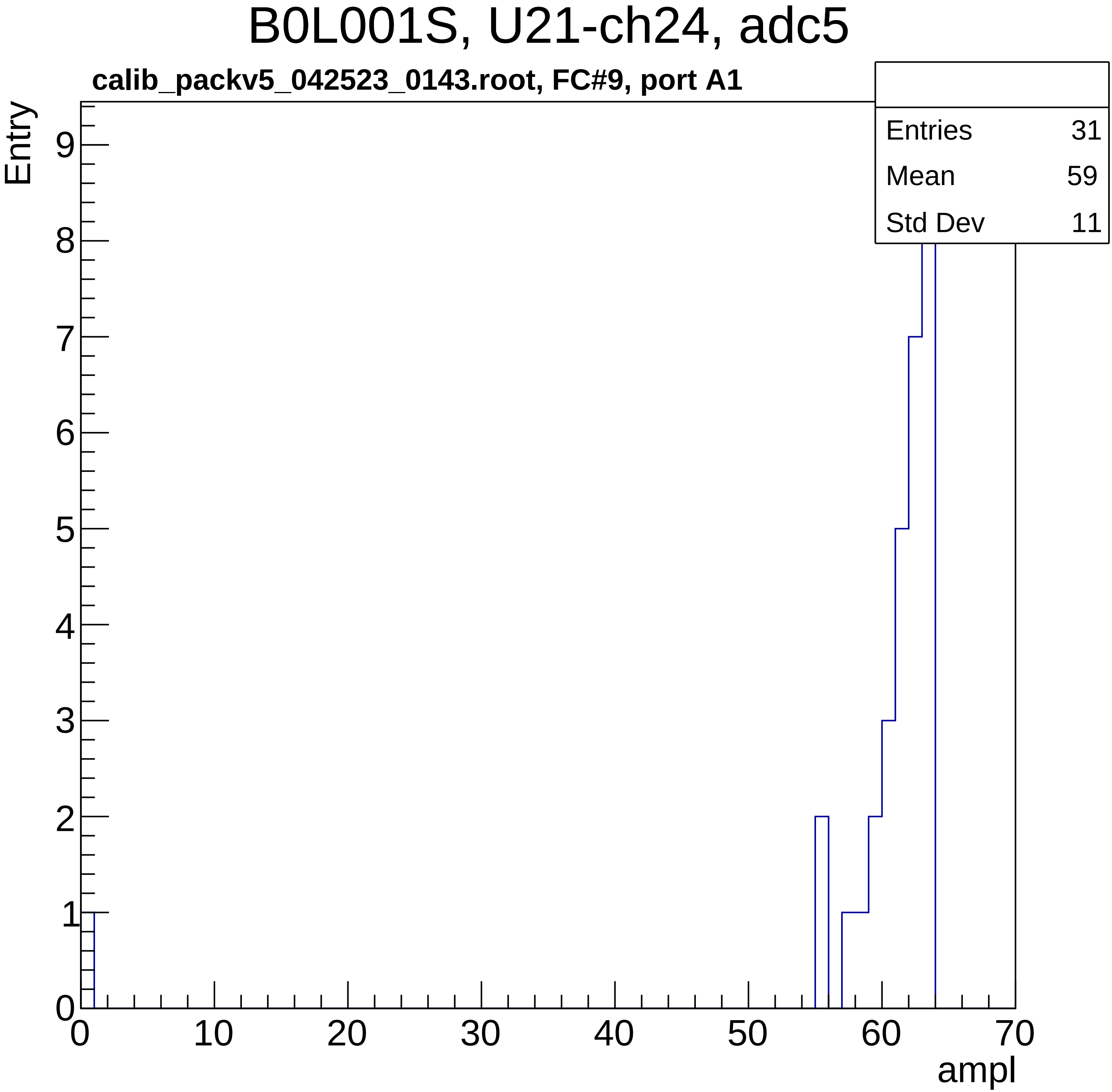

B0L001S, U21-ch24, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 98
Mean 37.83
Std Dev 3.946
Gaus mean : 38.2657
Gaus Width: 4.2690
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch24, adc2



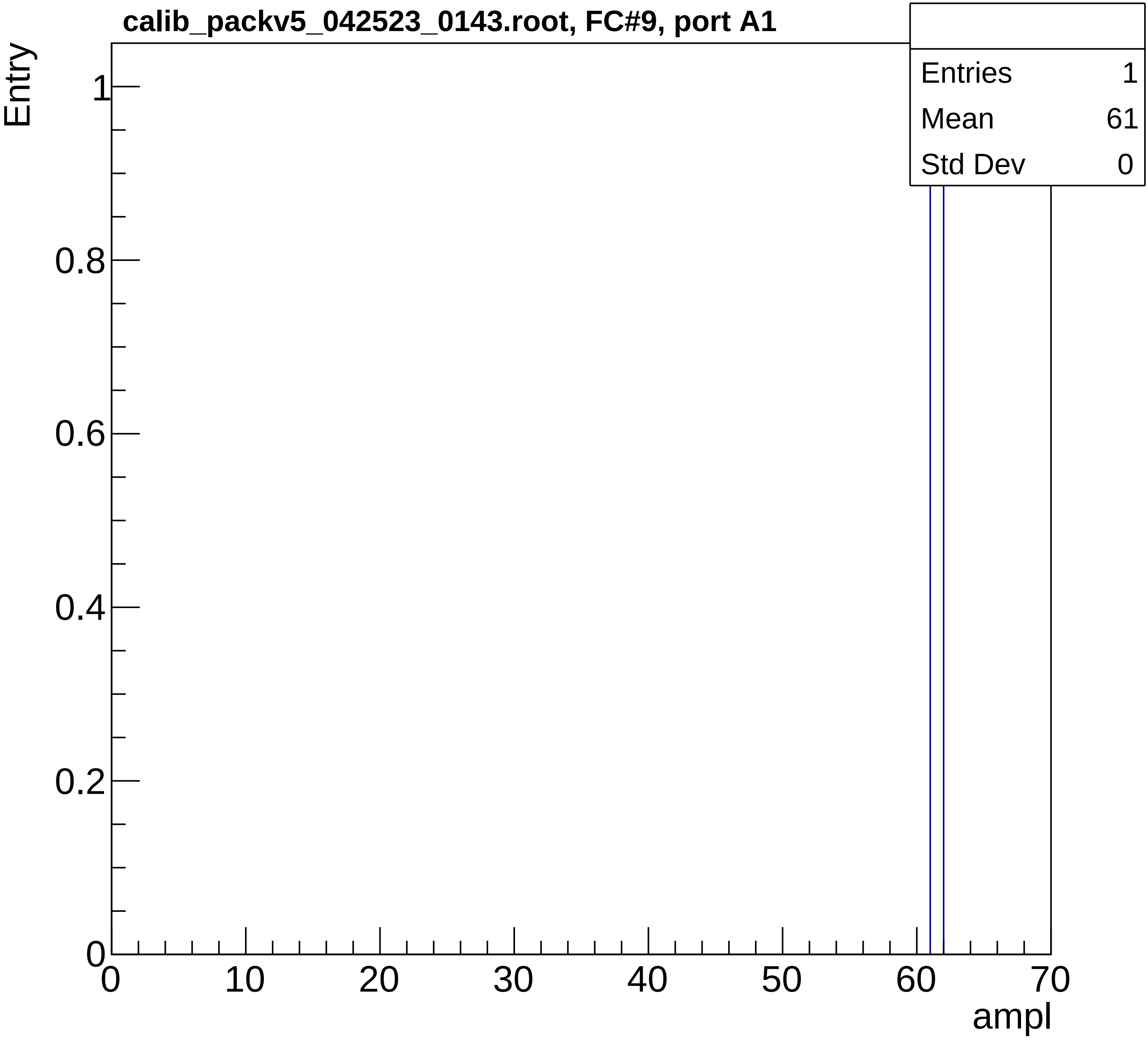

B0L001S, U21-ch24, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 51.46
Std Dev 3.742
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch24, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 57.21
Std Dev 3.444
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

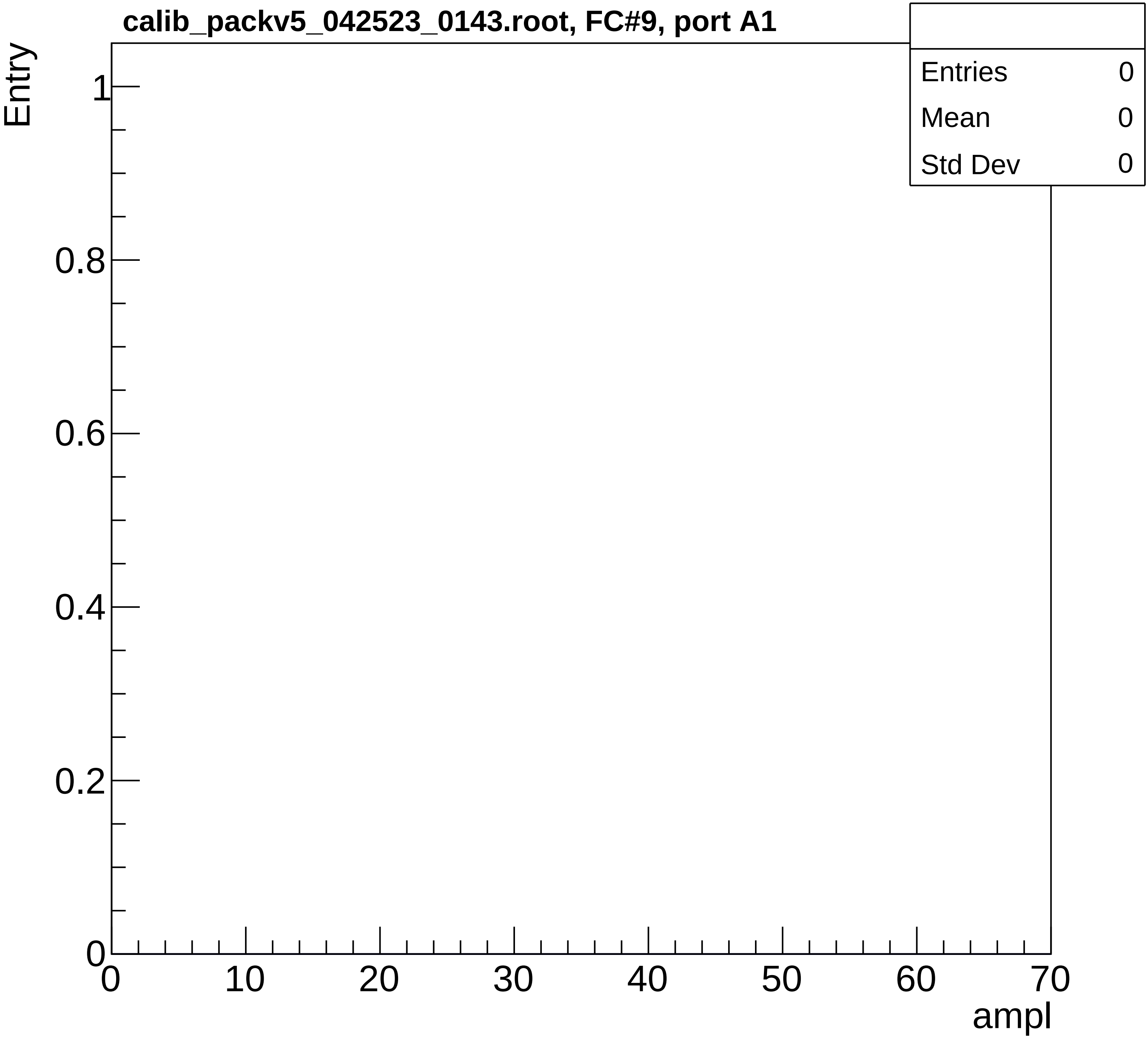

B0L001S, U21-ch24, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 59
Std Dev 11
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

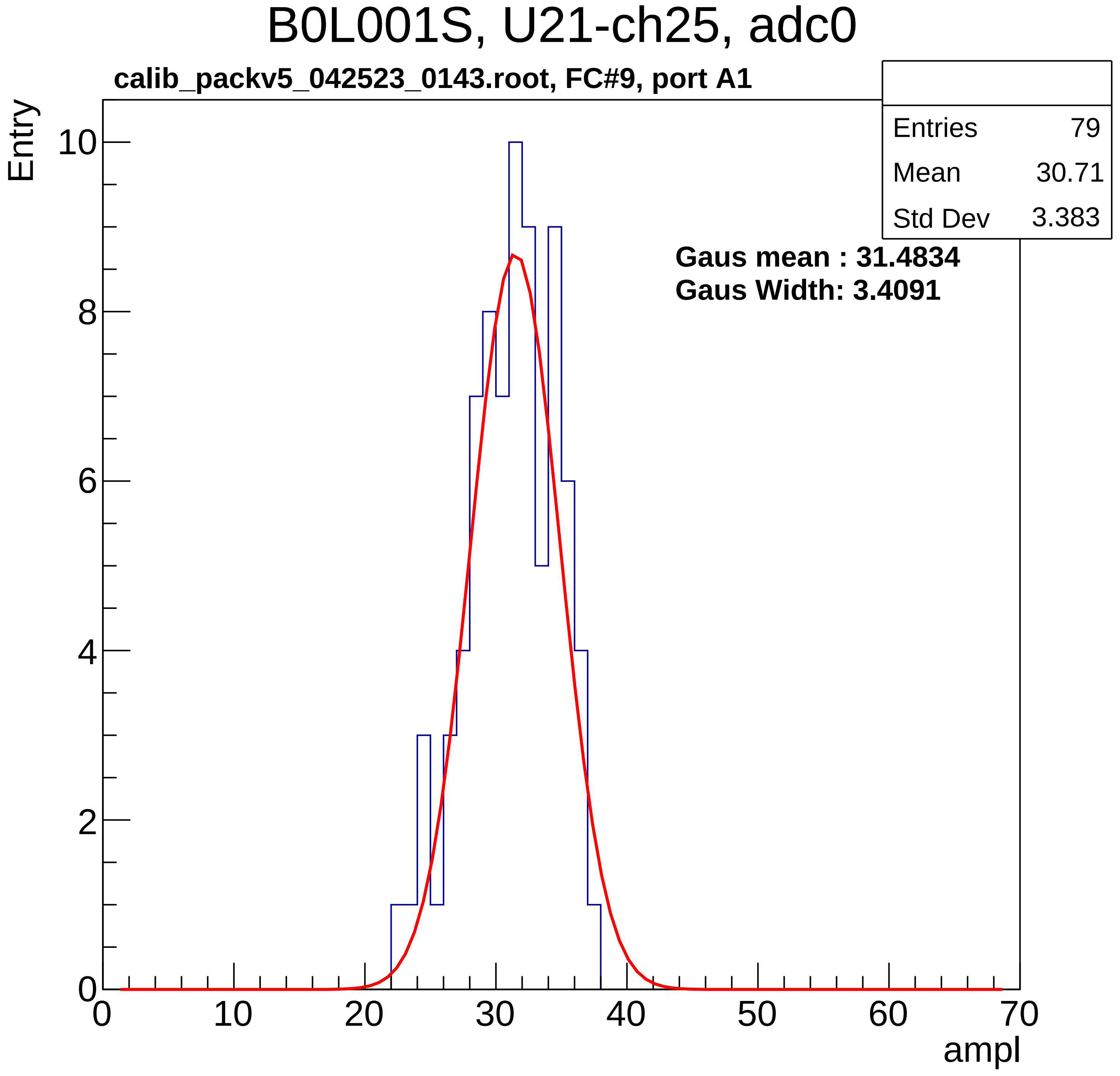
B0L001S, U21-ch24, adc6

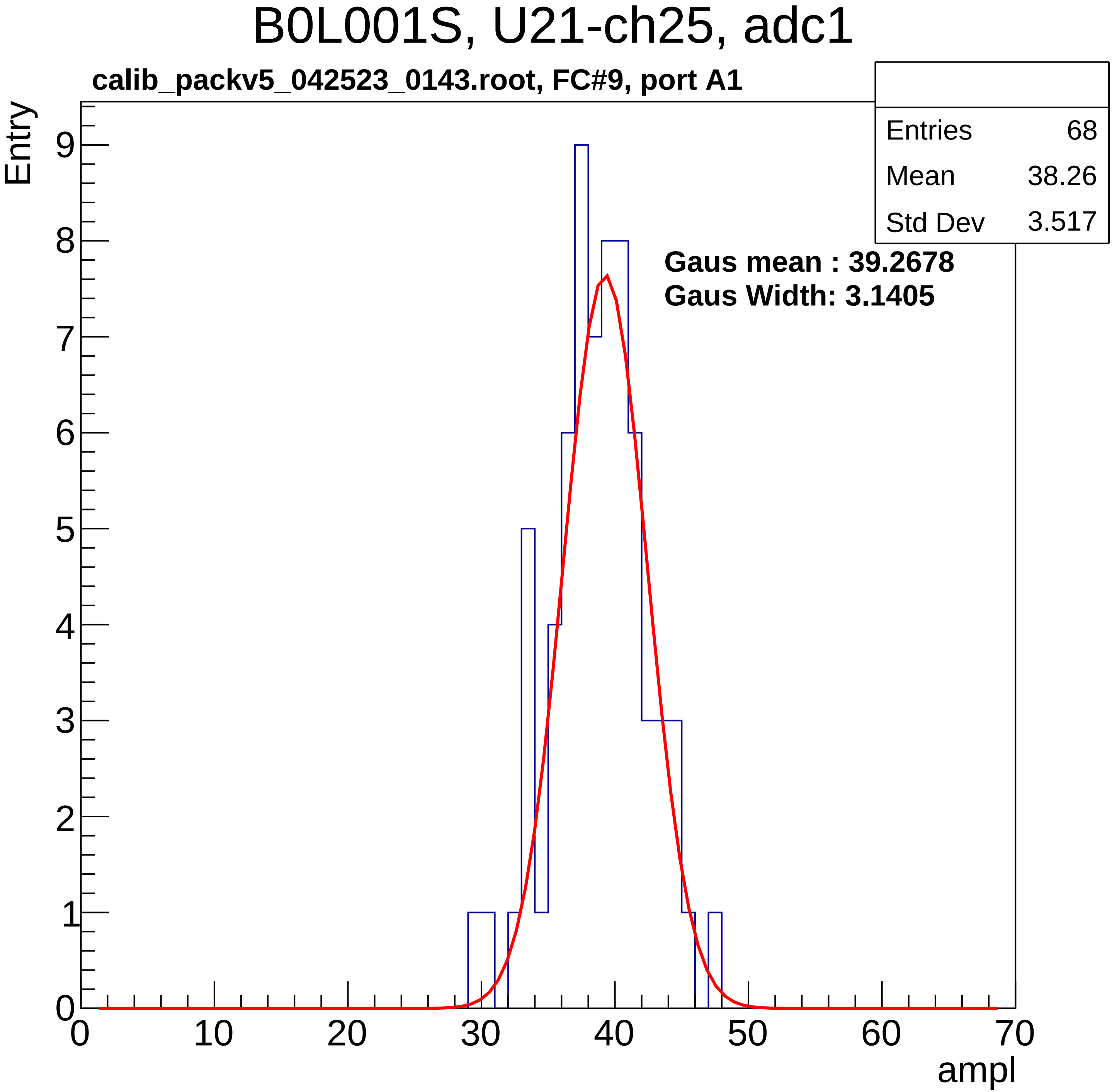
calib_packv5_042523_0143.root, FC#9, port A1



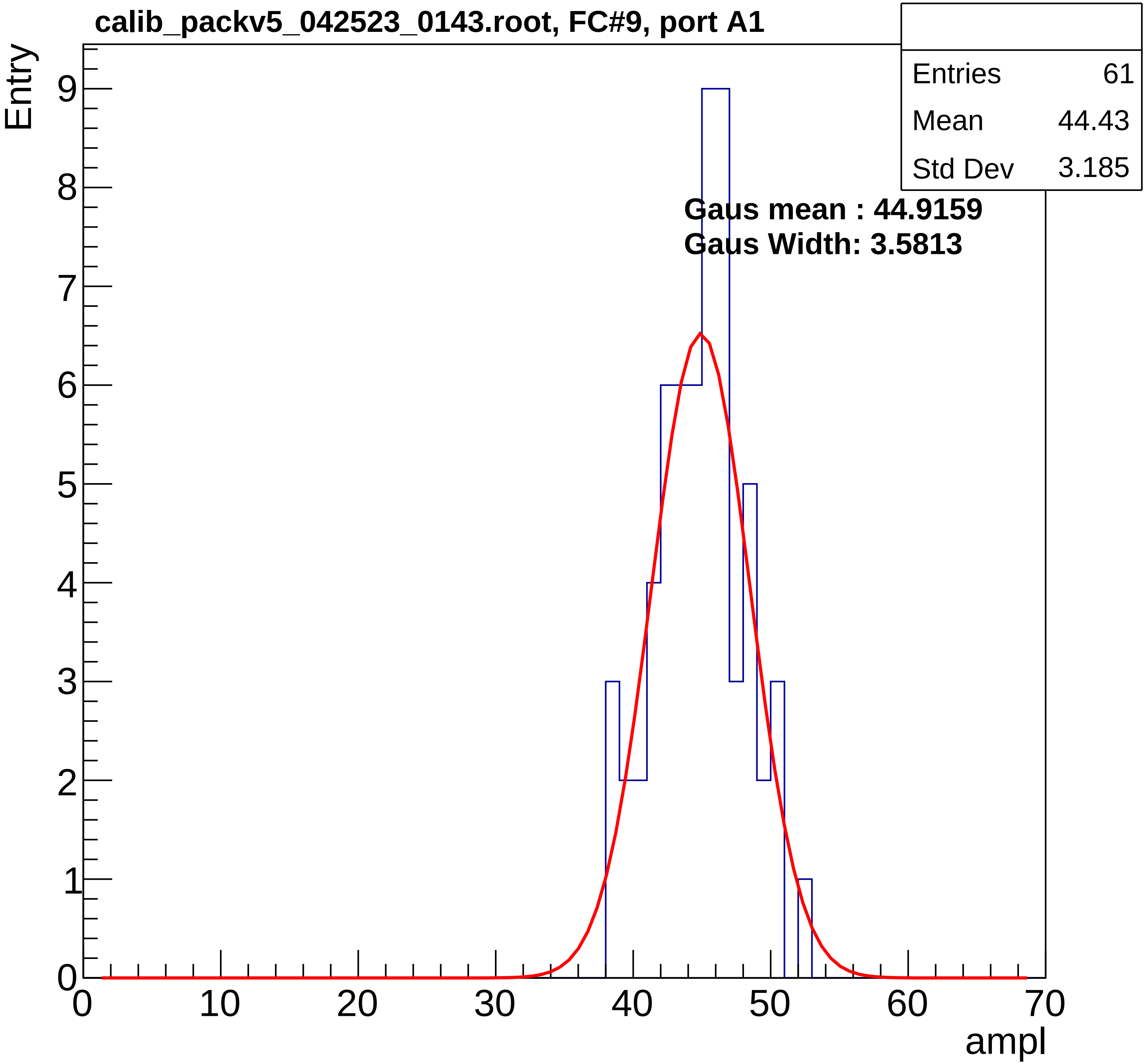
B0L001S, U21-ch24, adc7

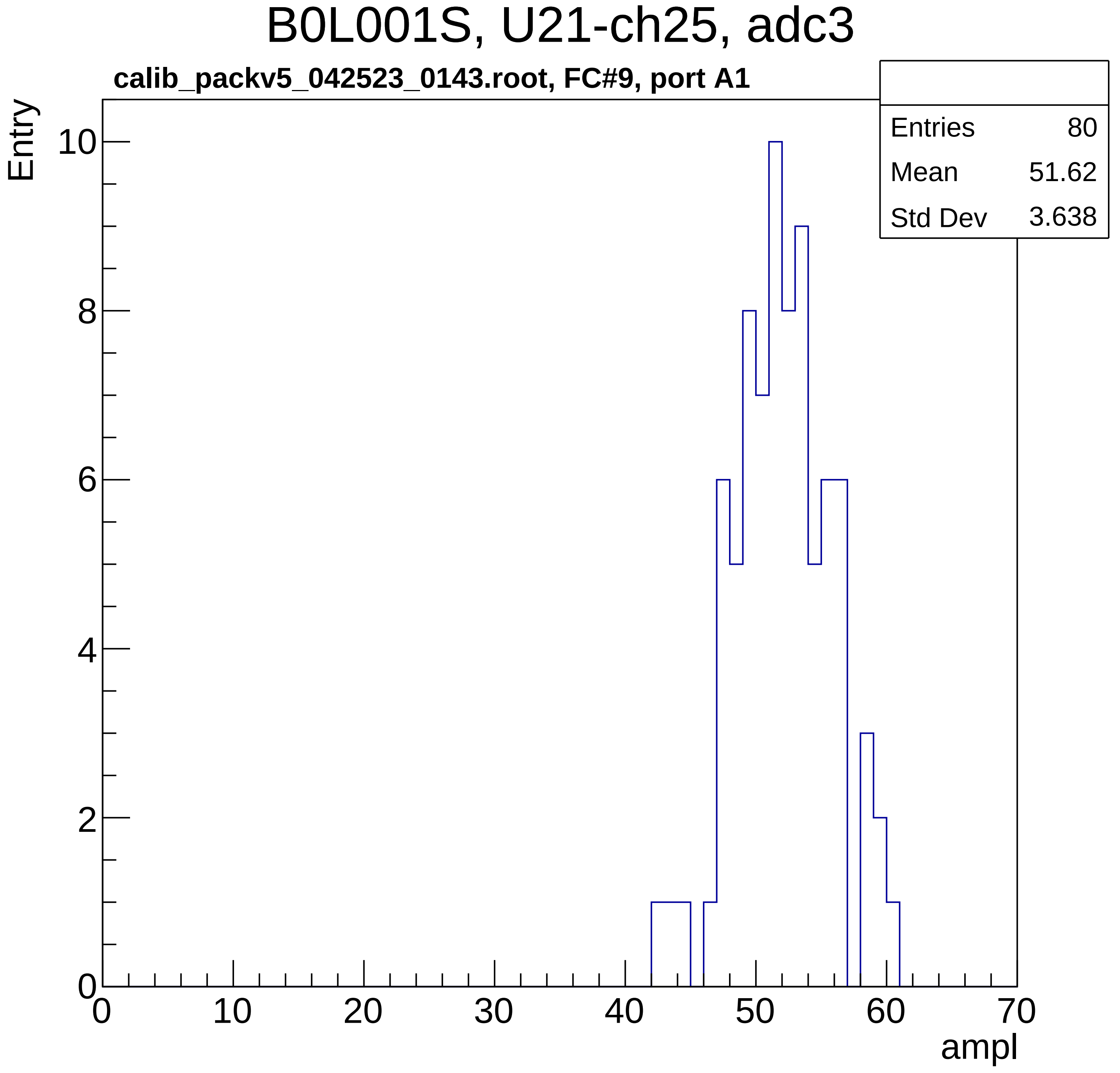



B0L001S, U21-ch25, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 30.71
Std Dev 3.383
Gaus mean : 31.4834
Gaus Width: 3.4091
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

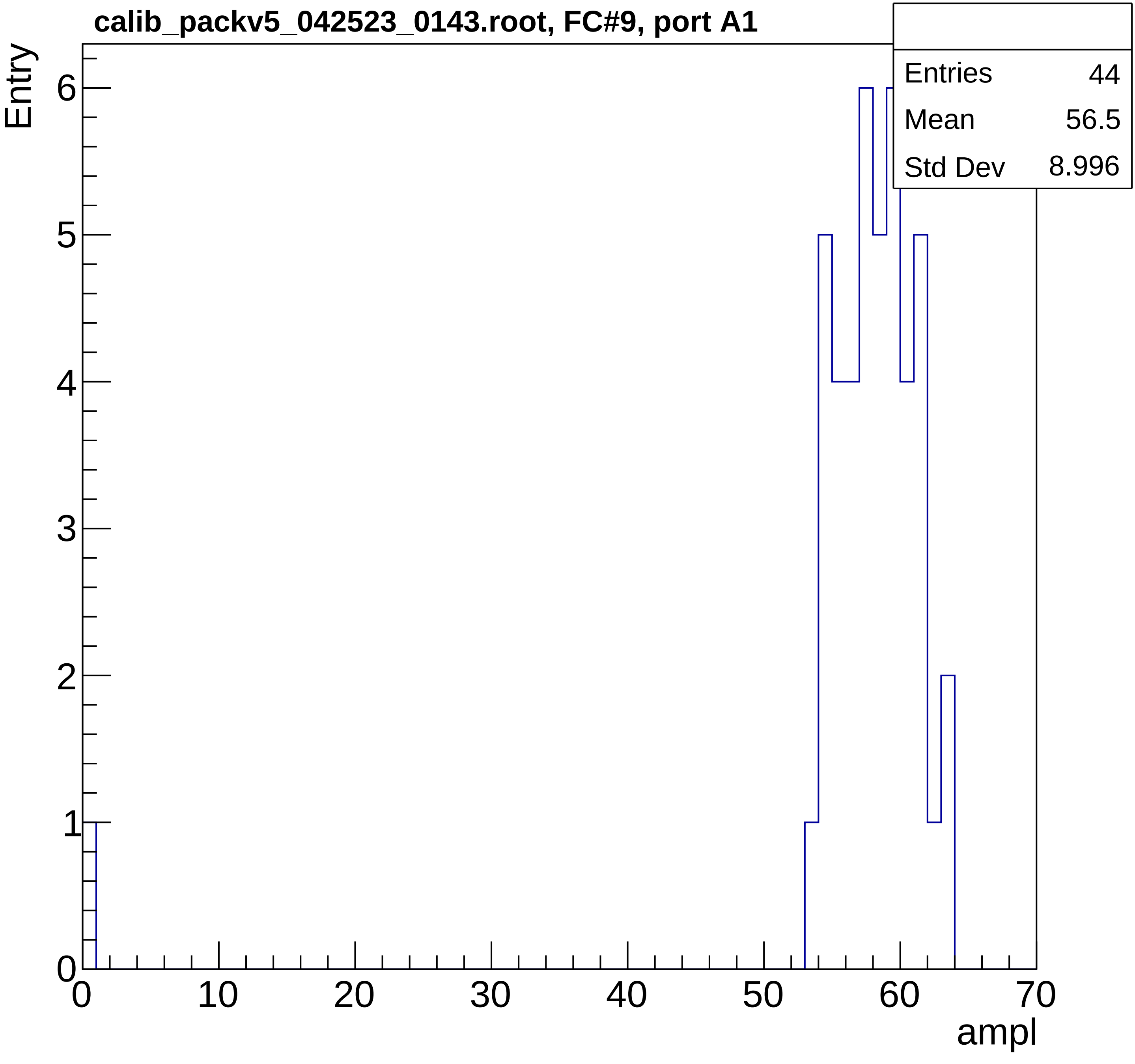

B0L001S, U21-ch25, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 68
Mean 38.26
Std Dev 3.517
Gaus mean : 39.2678
Gaus Width: 3.1405
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

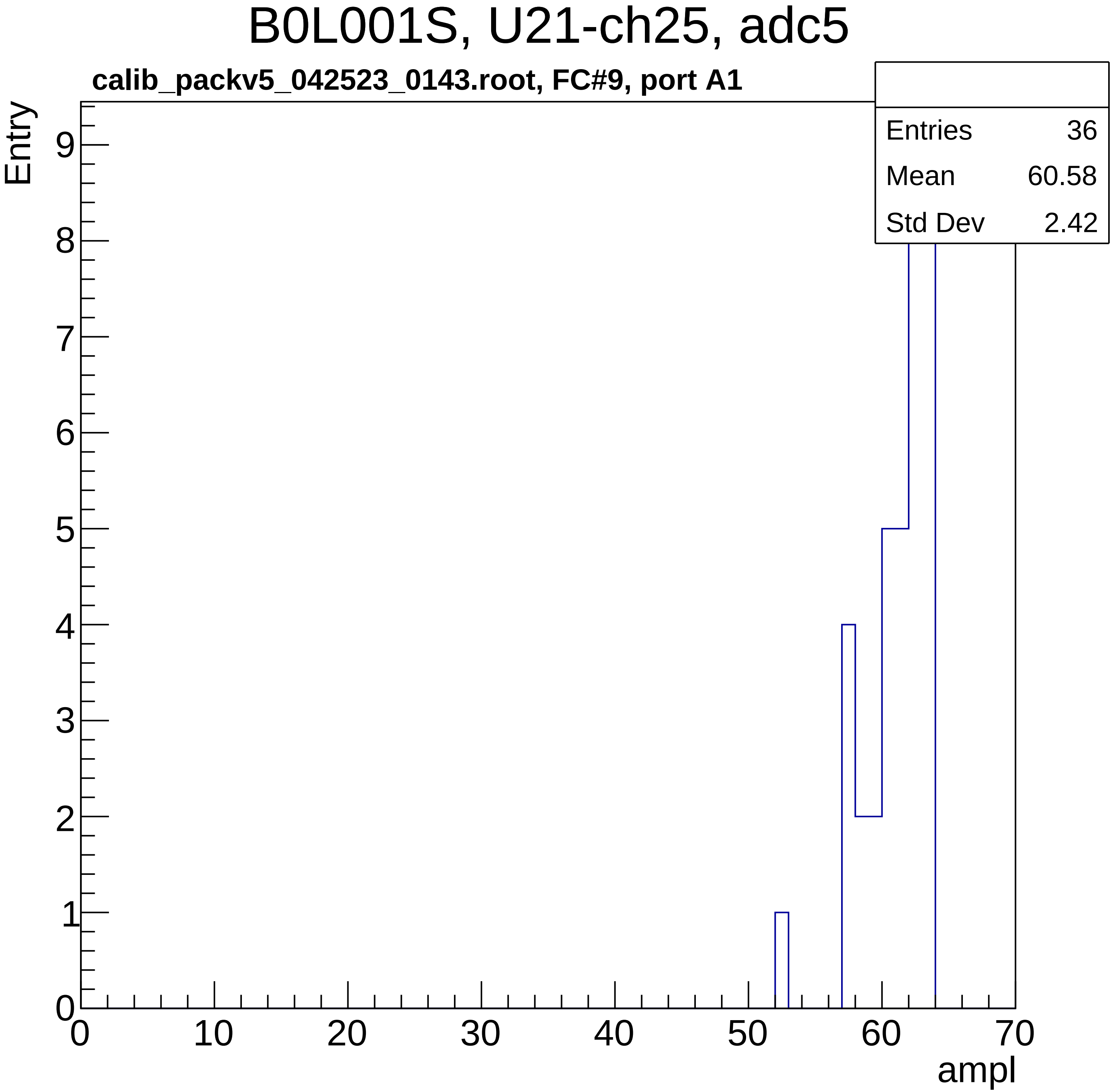
B0L001S, U21-ch25, adc2

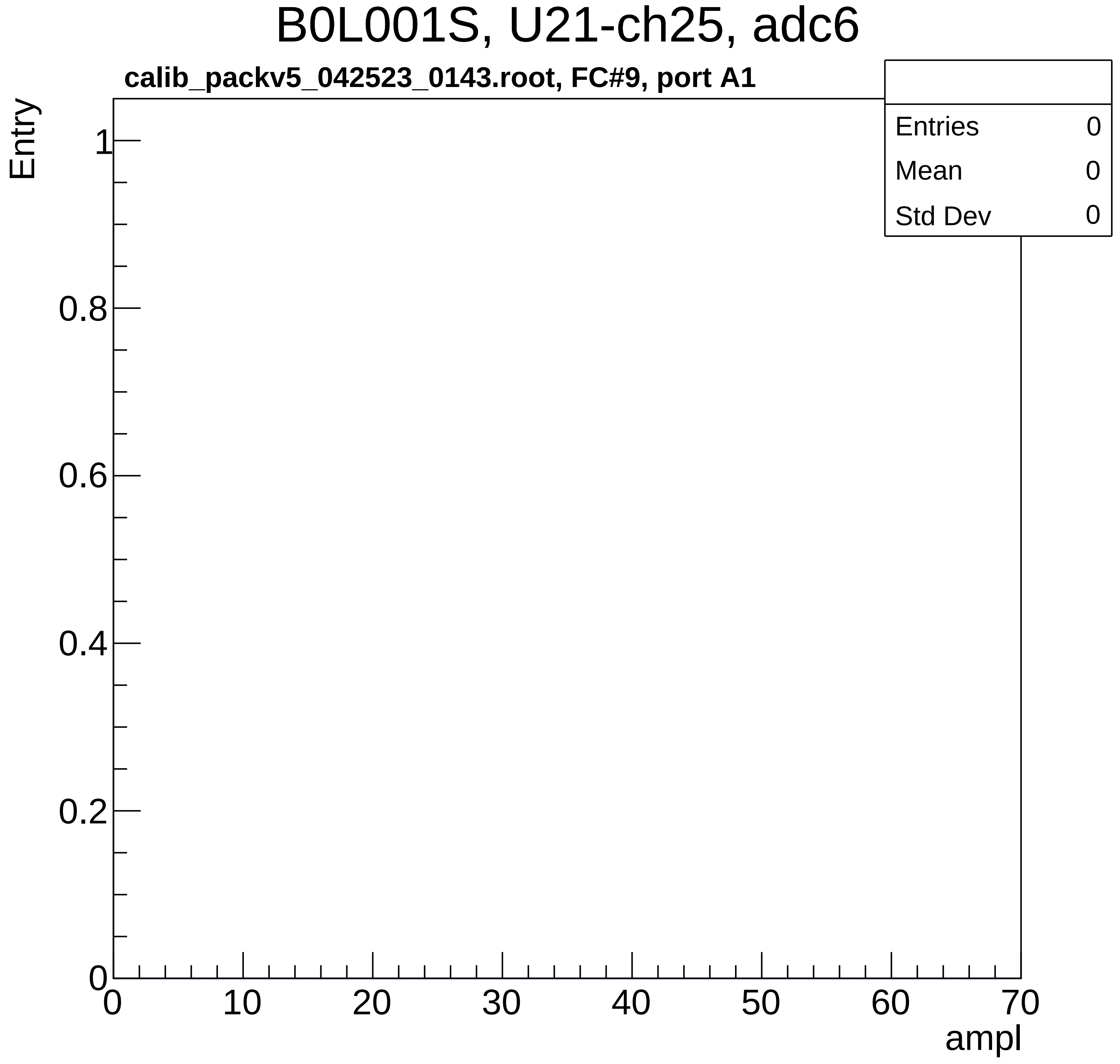


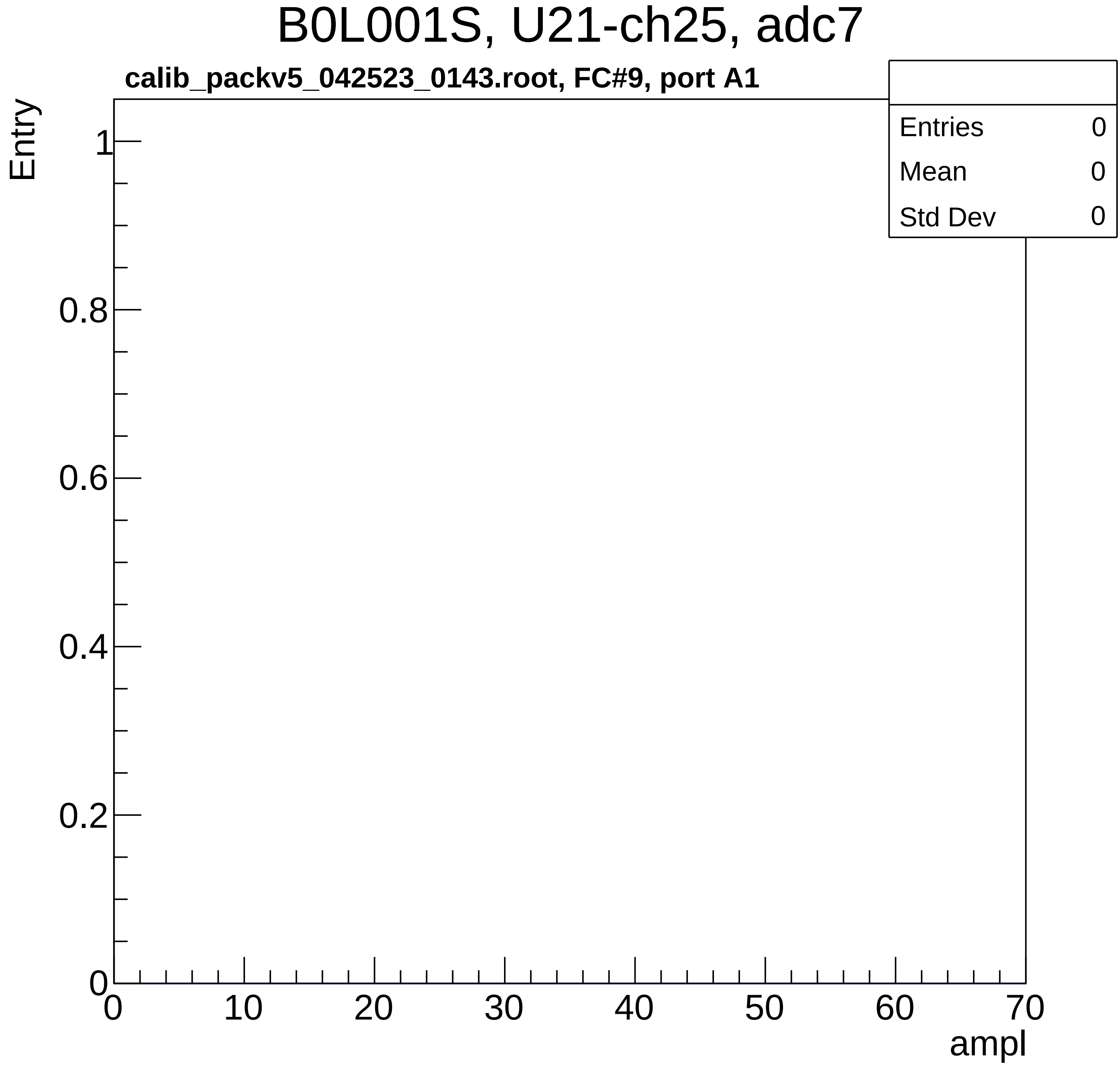

B0L001S, U21-ch25, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 51.62
Std Dev 3.638
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch25, adc4

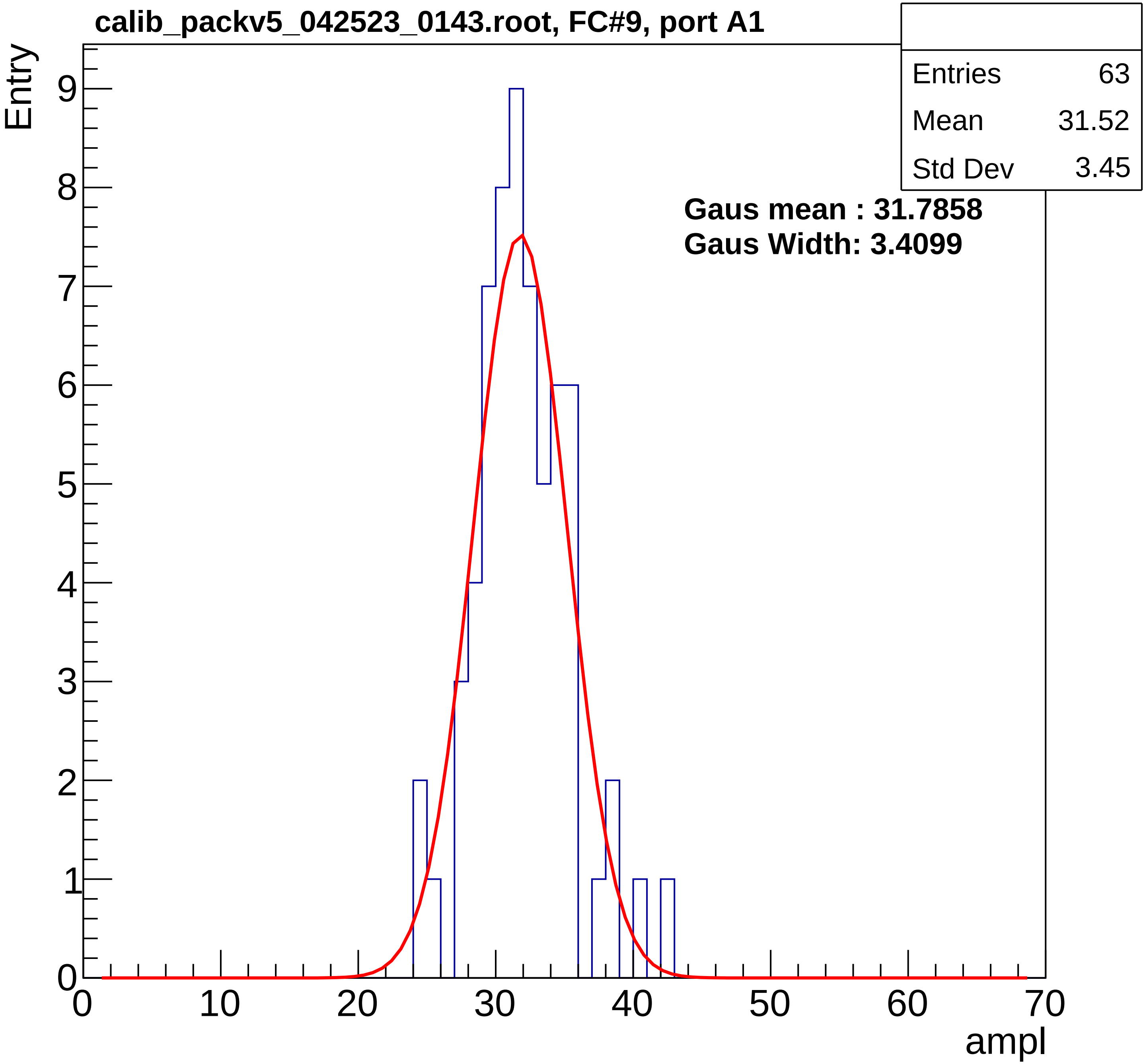



B0L001S, U21-ch25, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 60.58
Std Dev 2.42
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch25, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

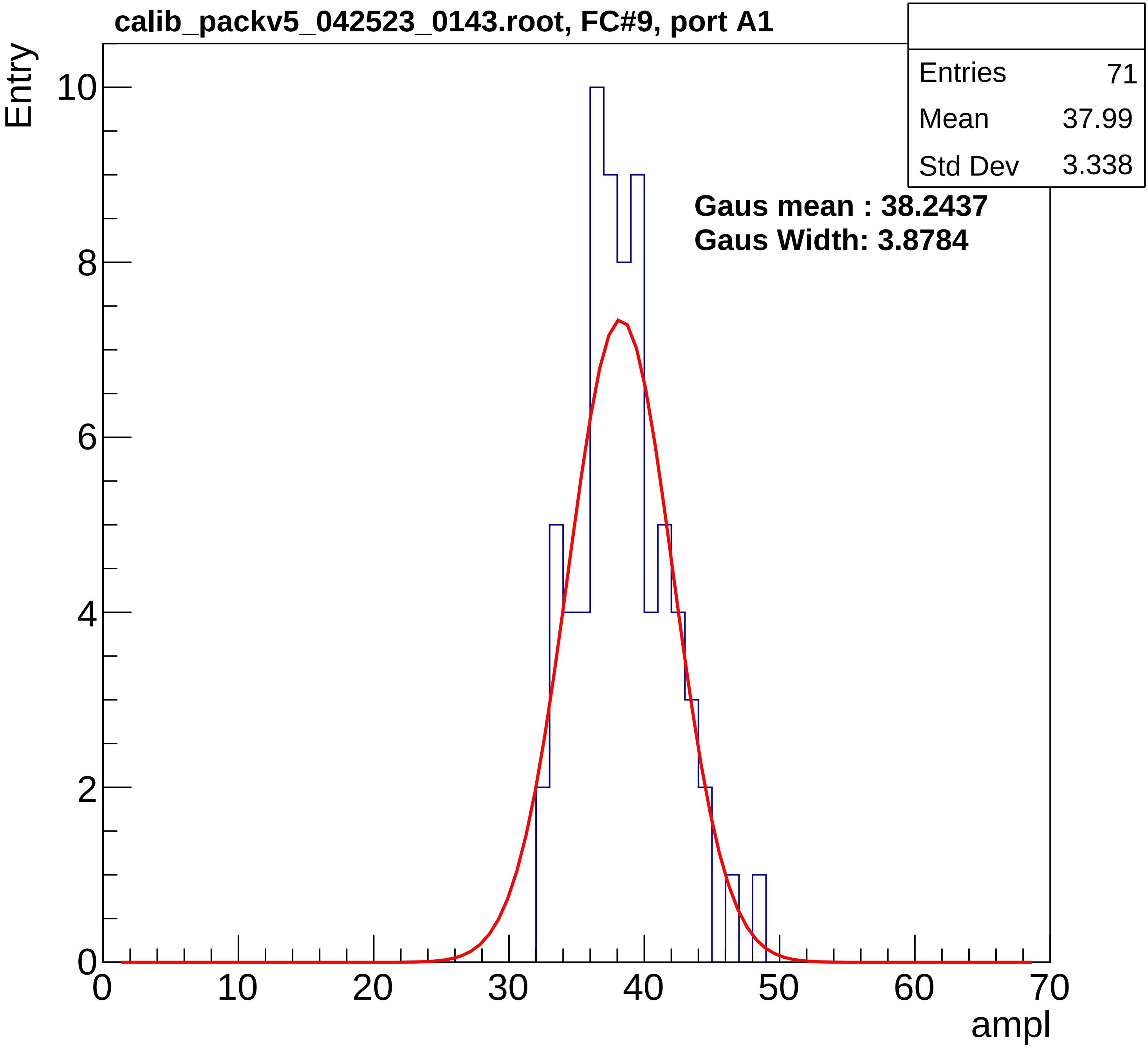

B0L001S, U21-ch25, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

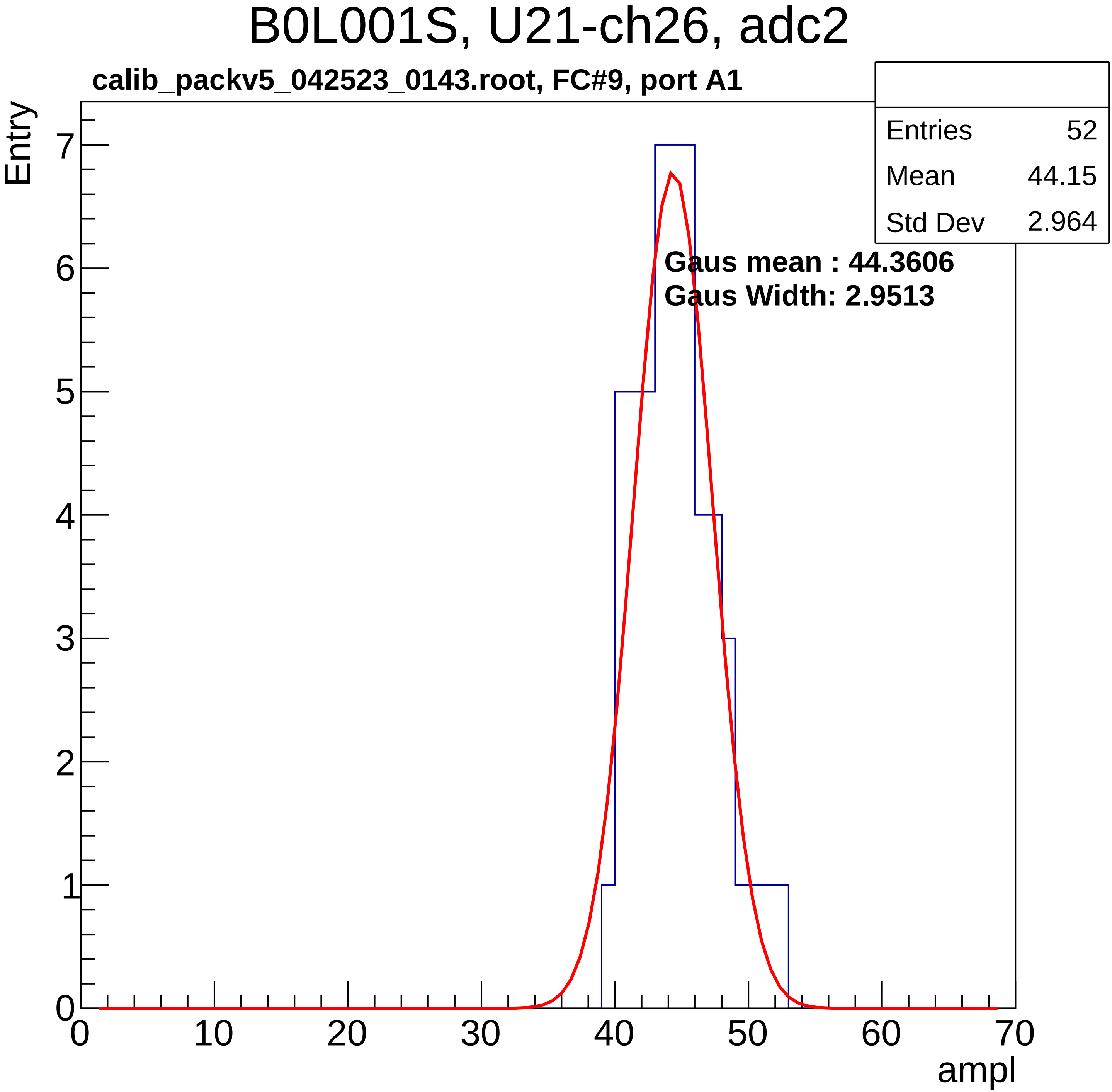
B0L001S, U21-ch26, adc0



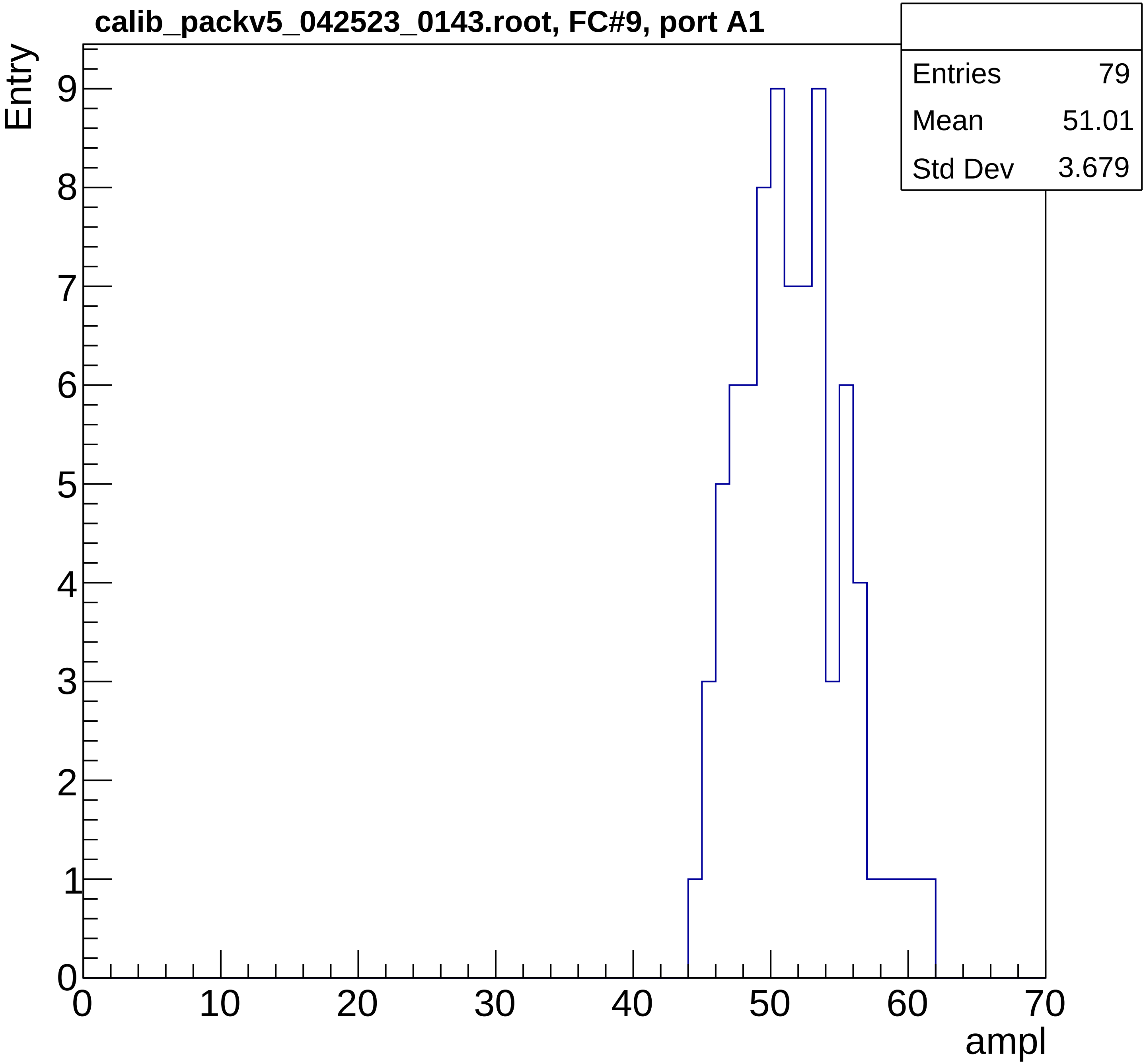
B0L001S, U21-ch26, adc1

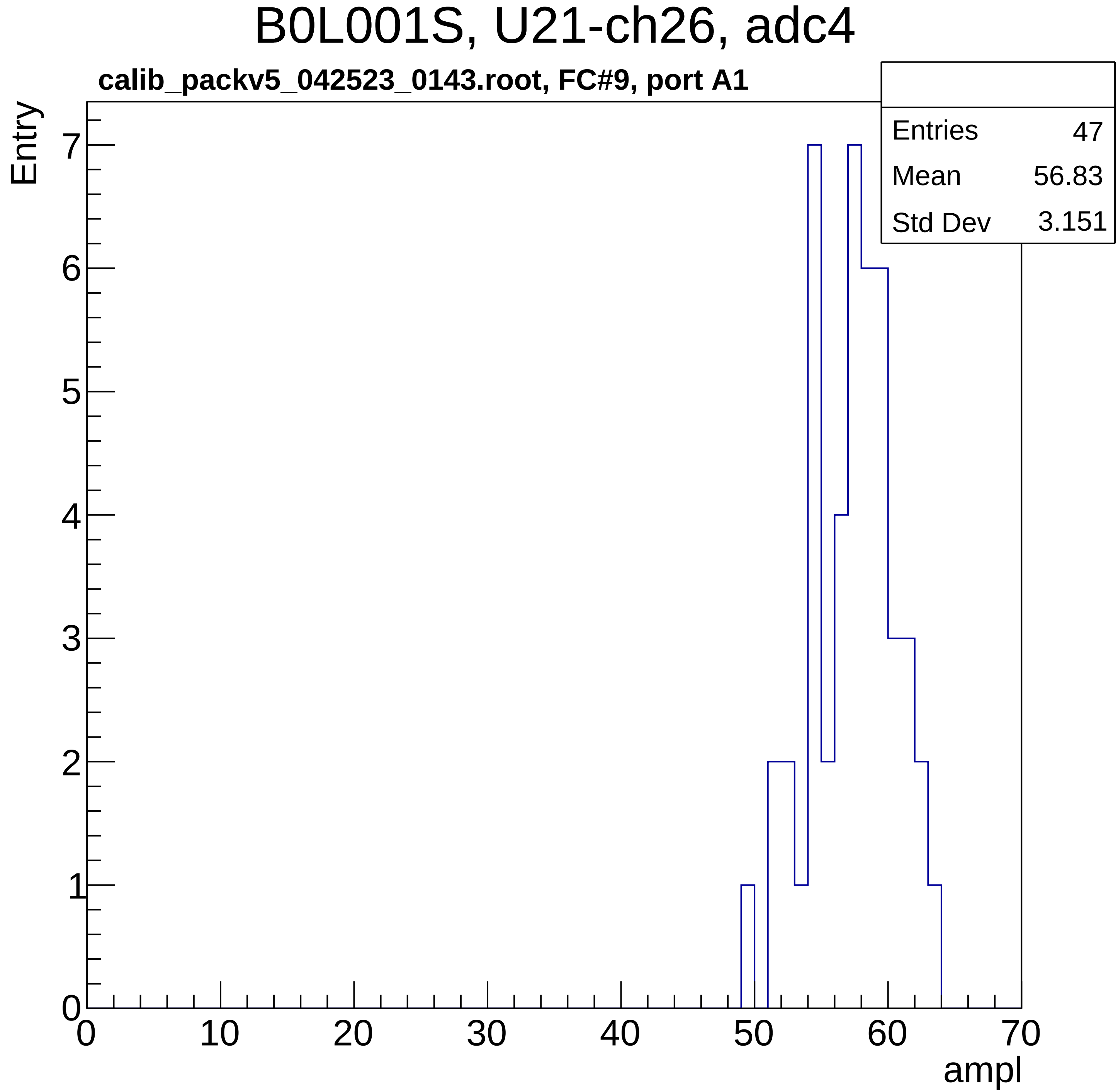
calib_packv5_042523_0143.root, FC#9, port A1

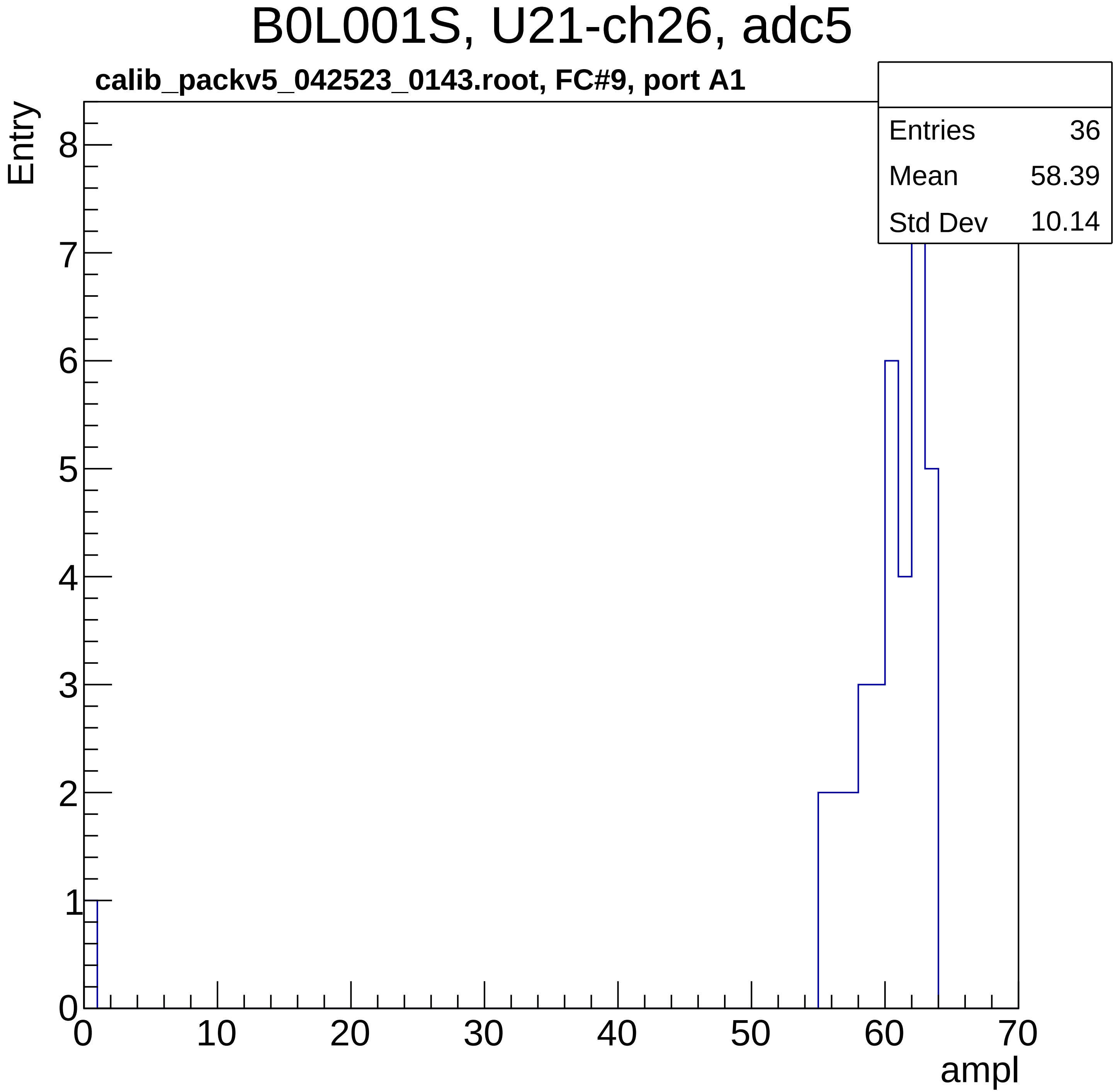


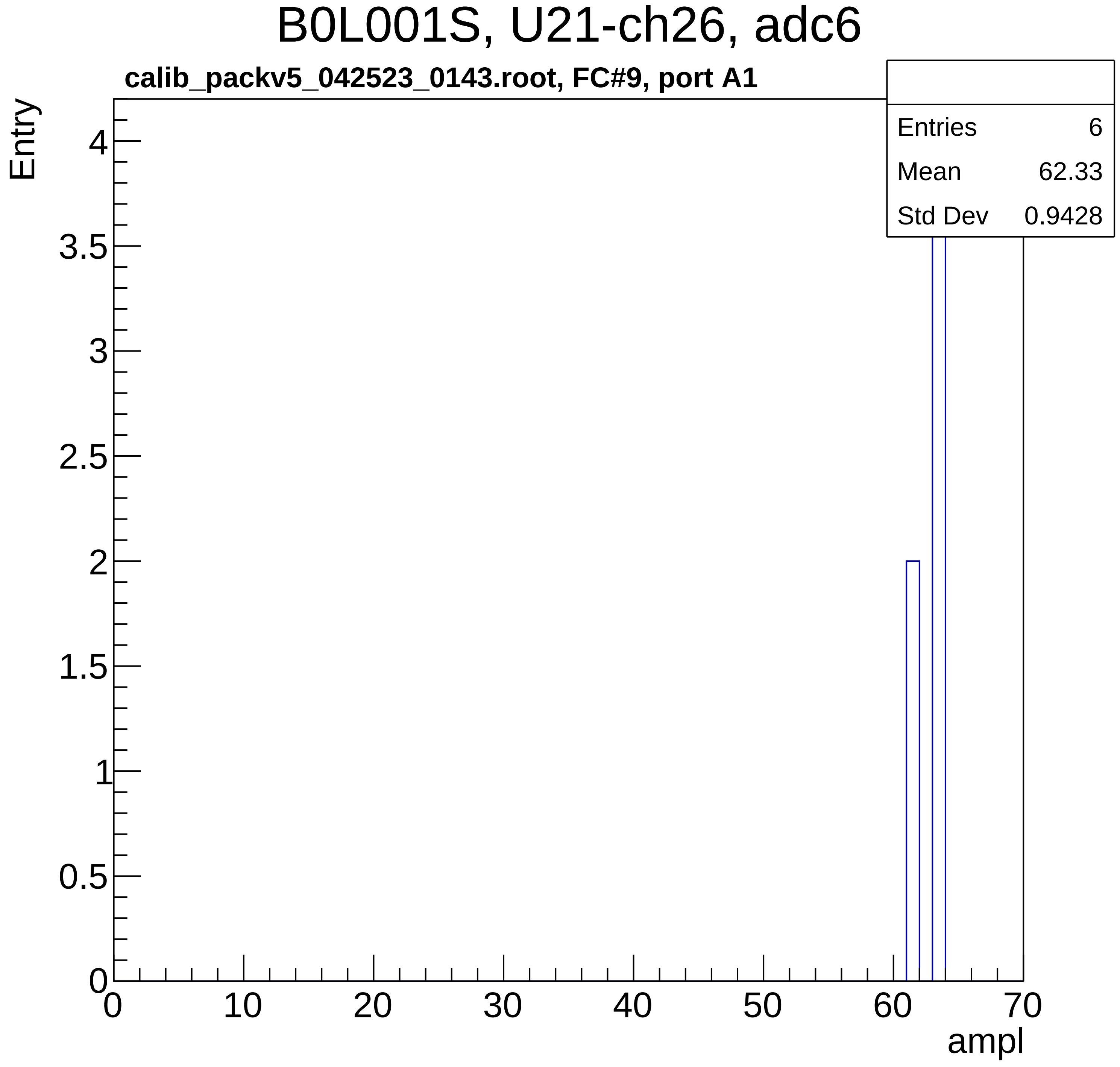

B0L001S, U21-ch26, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 52
Mean 44.15
Std Dev 2.964
Gaus mean : 44.3606
Gaus Width: 2.9513
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

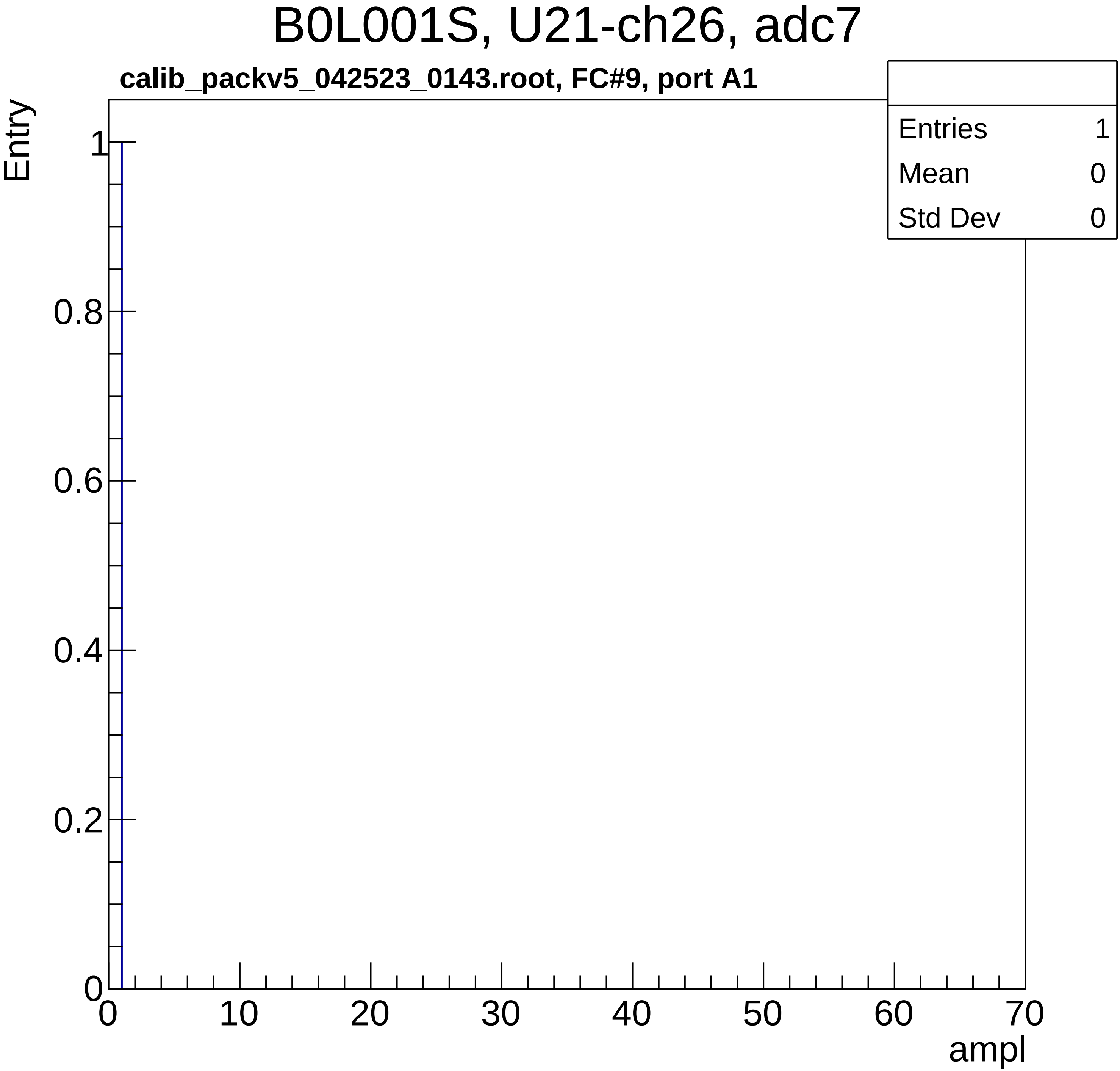
B0L001S, U21-ch26, adc3

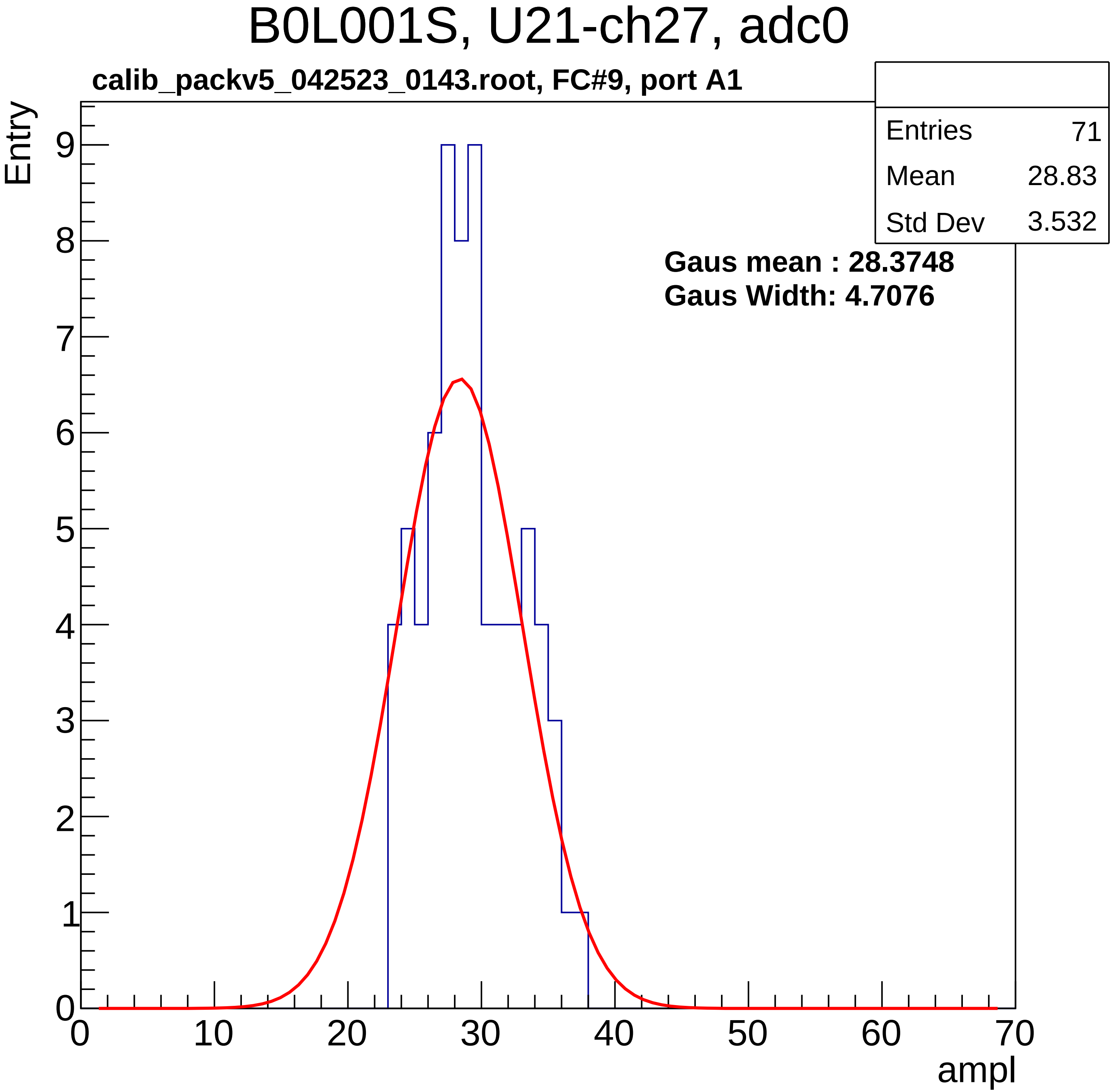


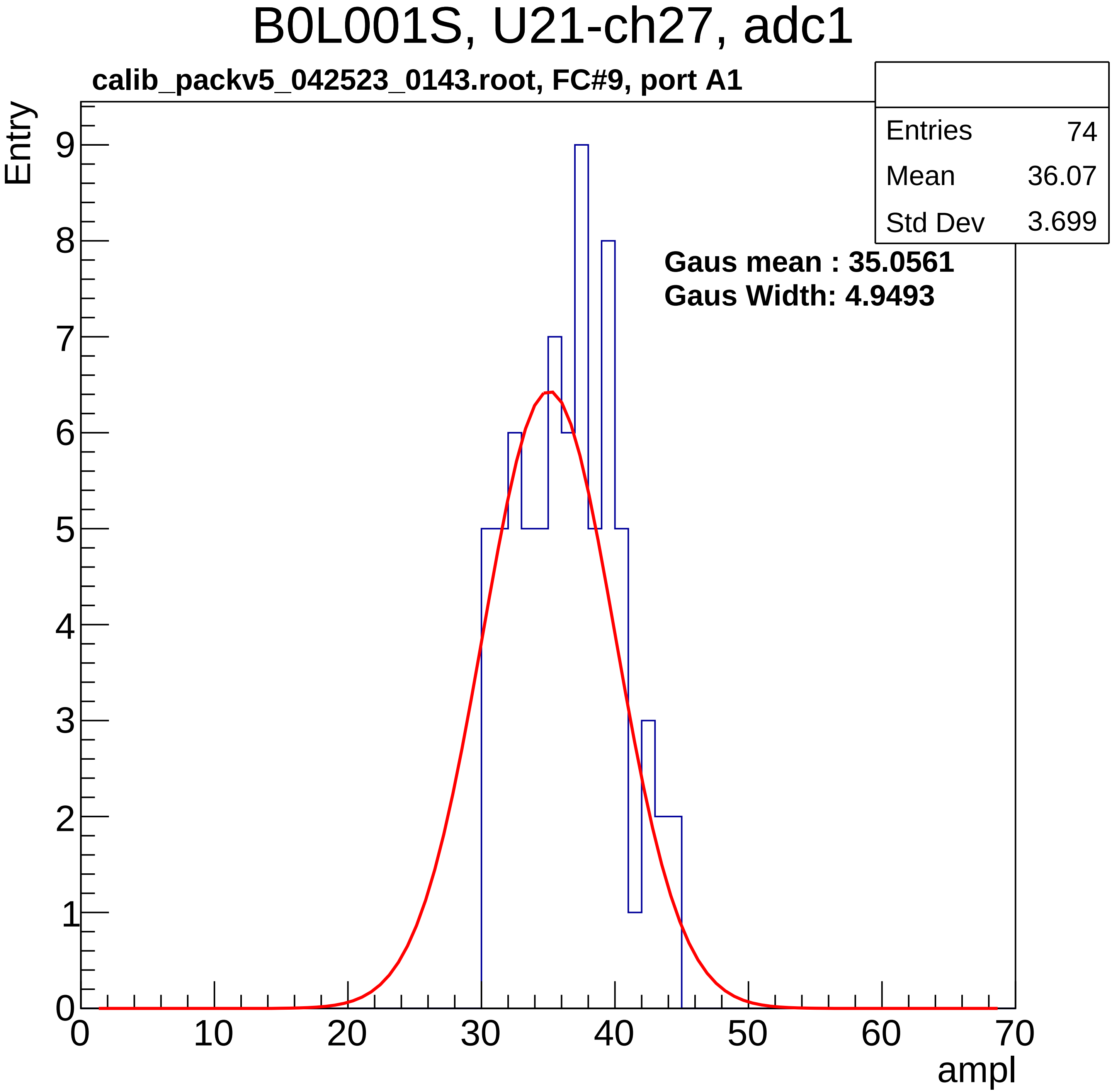

B0L001S, U21-ch26, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 56.83
Std Dev 3.151
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

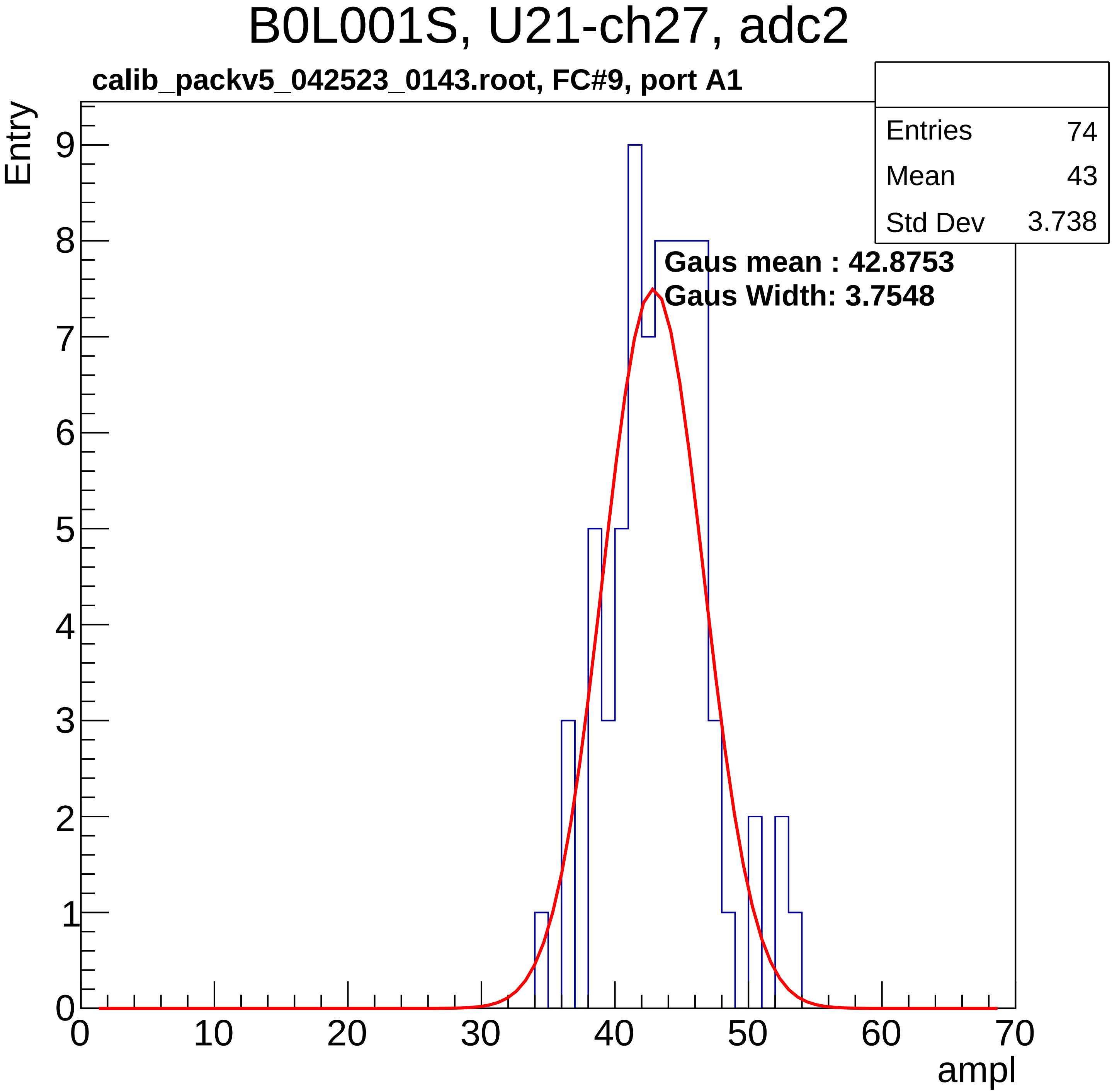

B0L001S, U21-ch26, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 58.39
Std Dev 10.14
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

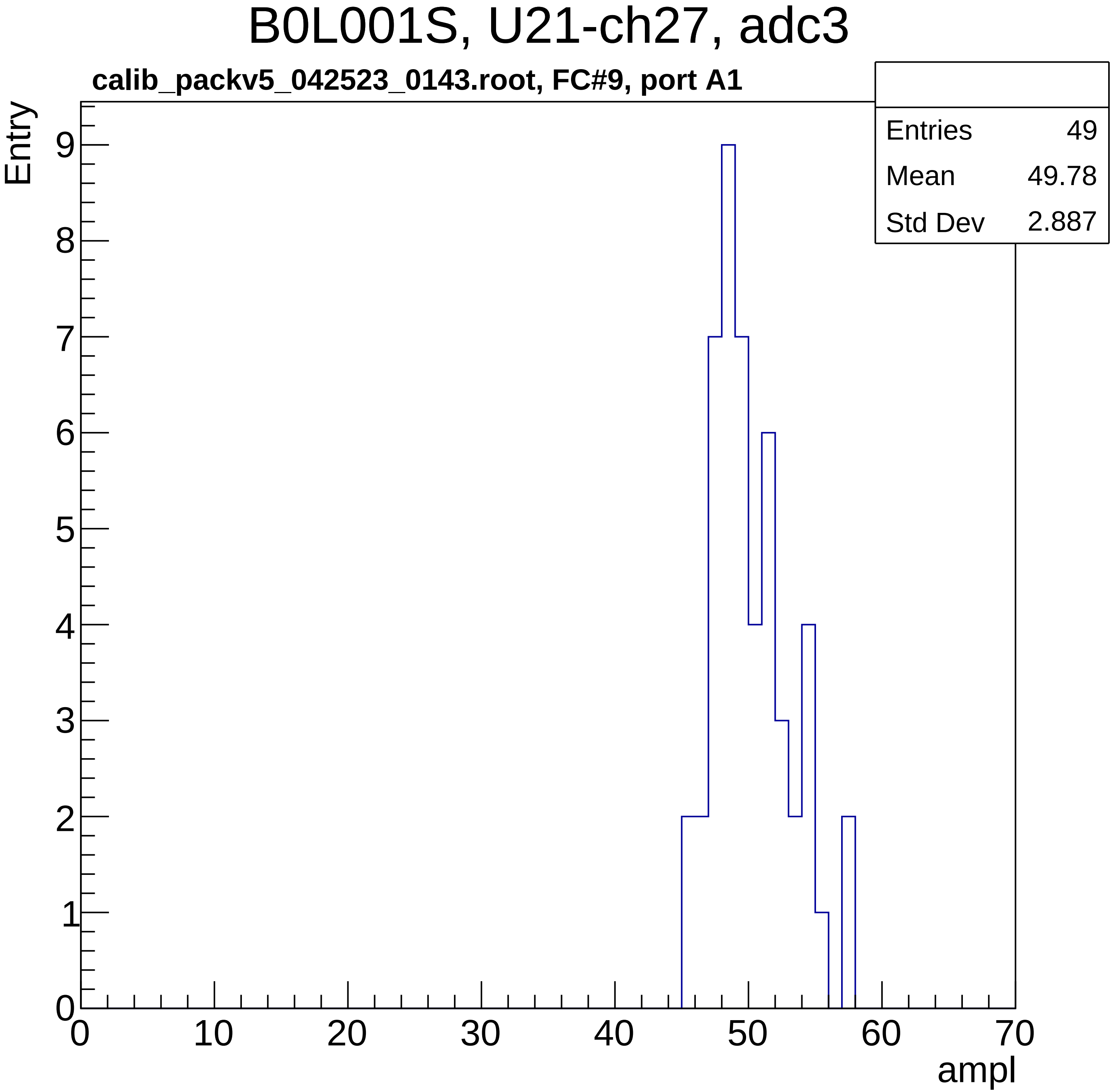

B0L001S, U21-ch26, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 6
Mean 62.33
Std Dev 0.9428
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl

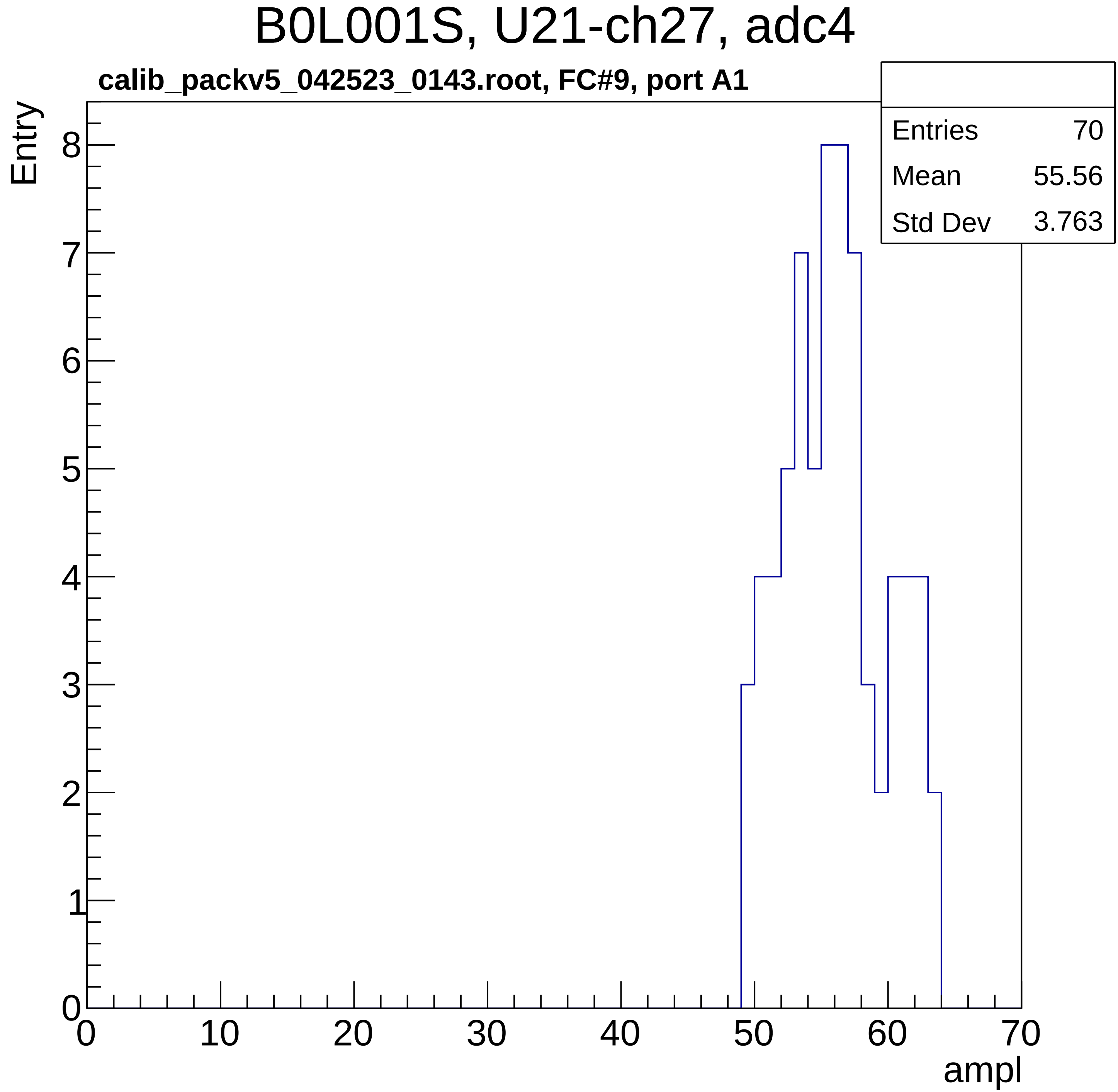

B0L001S, U21-ch26, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 1
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

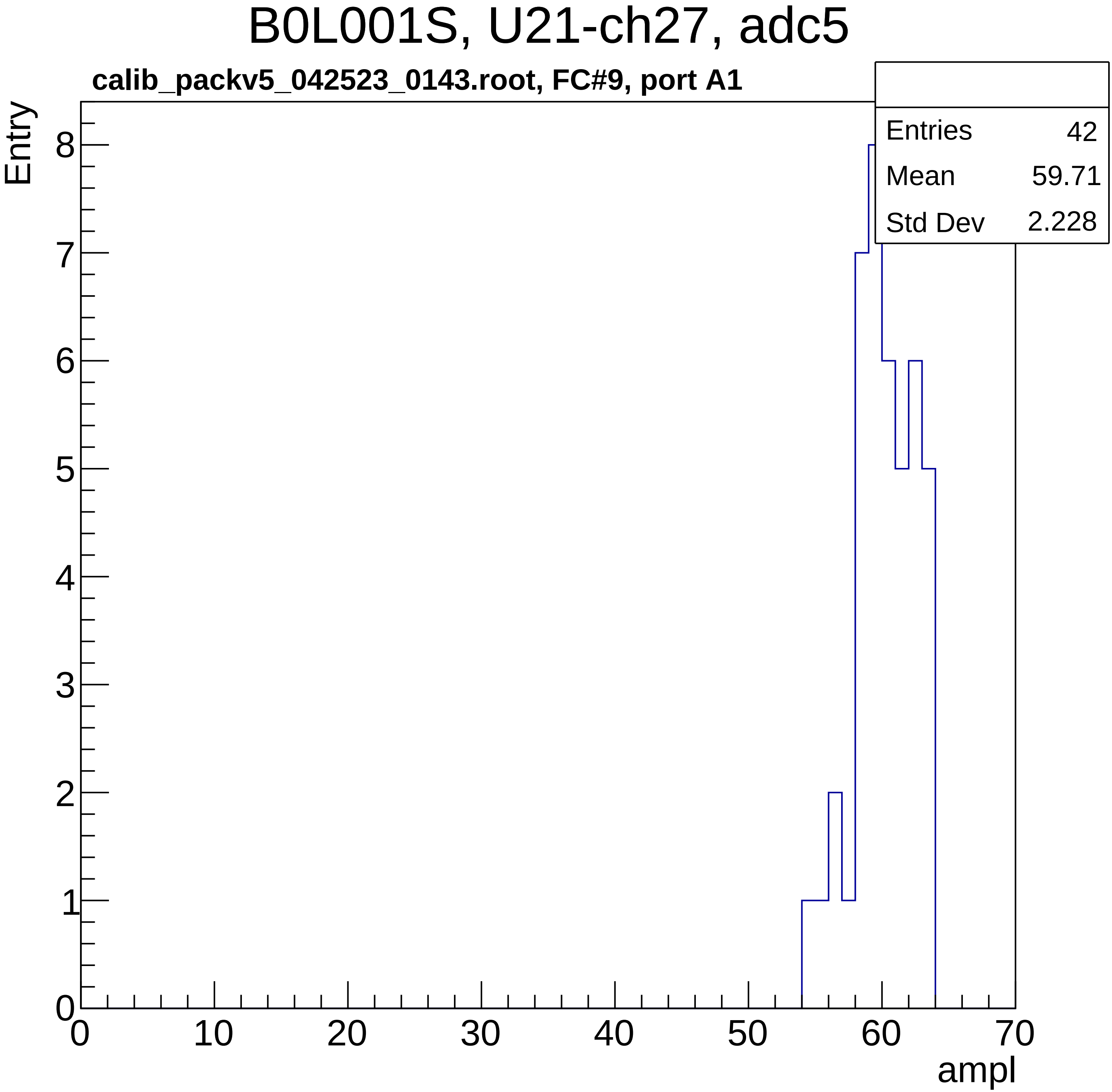

B0L001S, U21-ch27, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 28.83
Std Dev 3.532
Gaus mean : 28.3748
Gaus Width: 4.7076
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

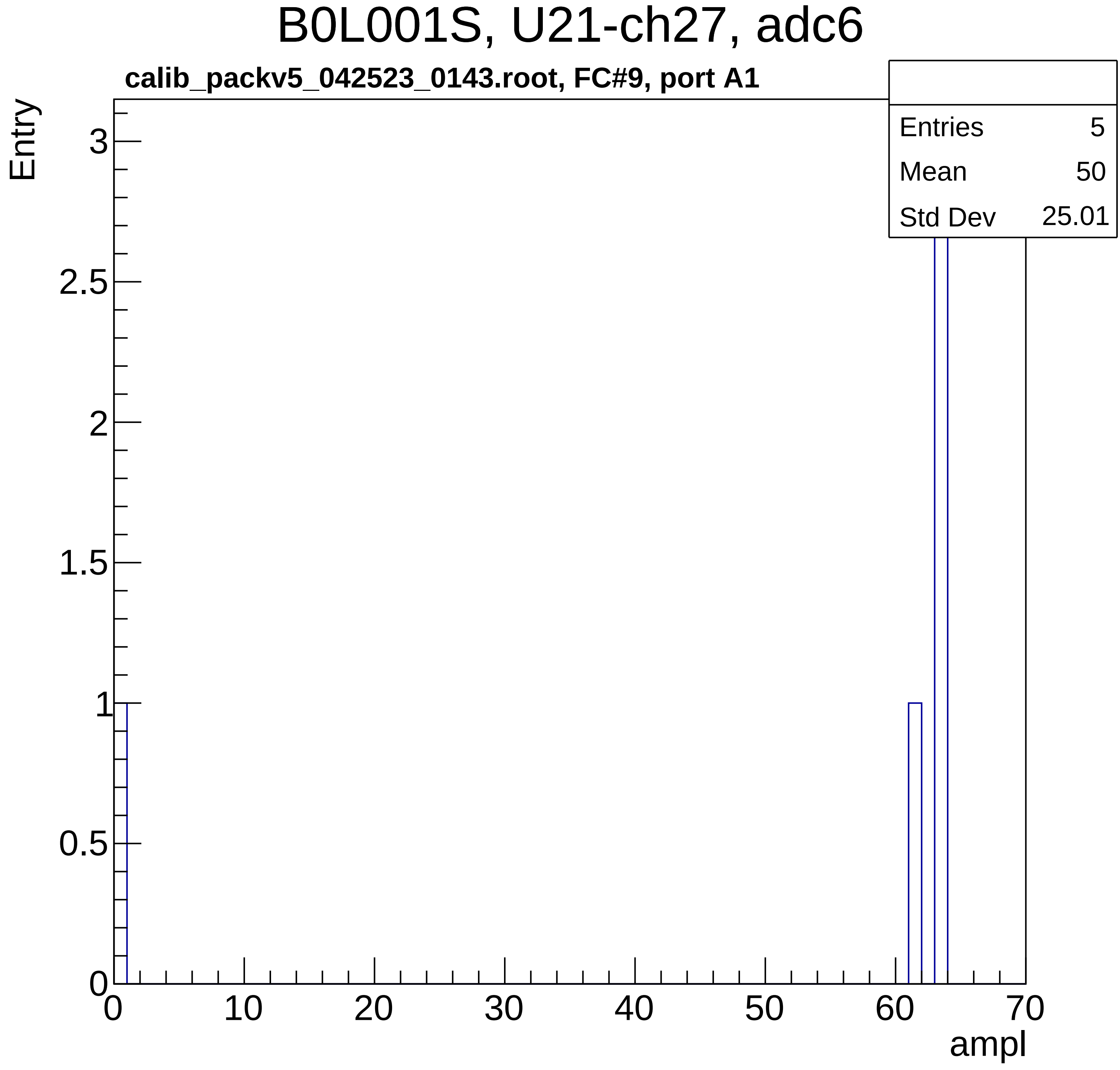

B0L001S, U21-ch27, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 36.07
Std Dev 3.699
Gaus mean : 35.0561
Gaus Width: 4.9493
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

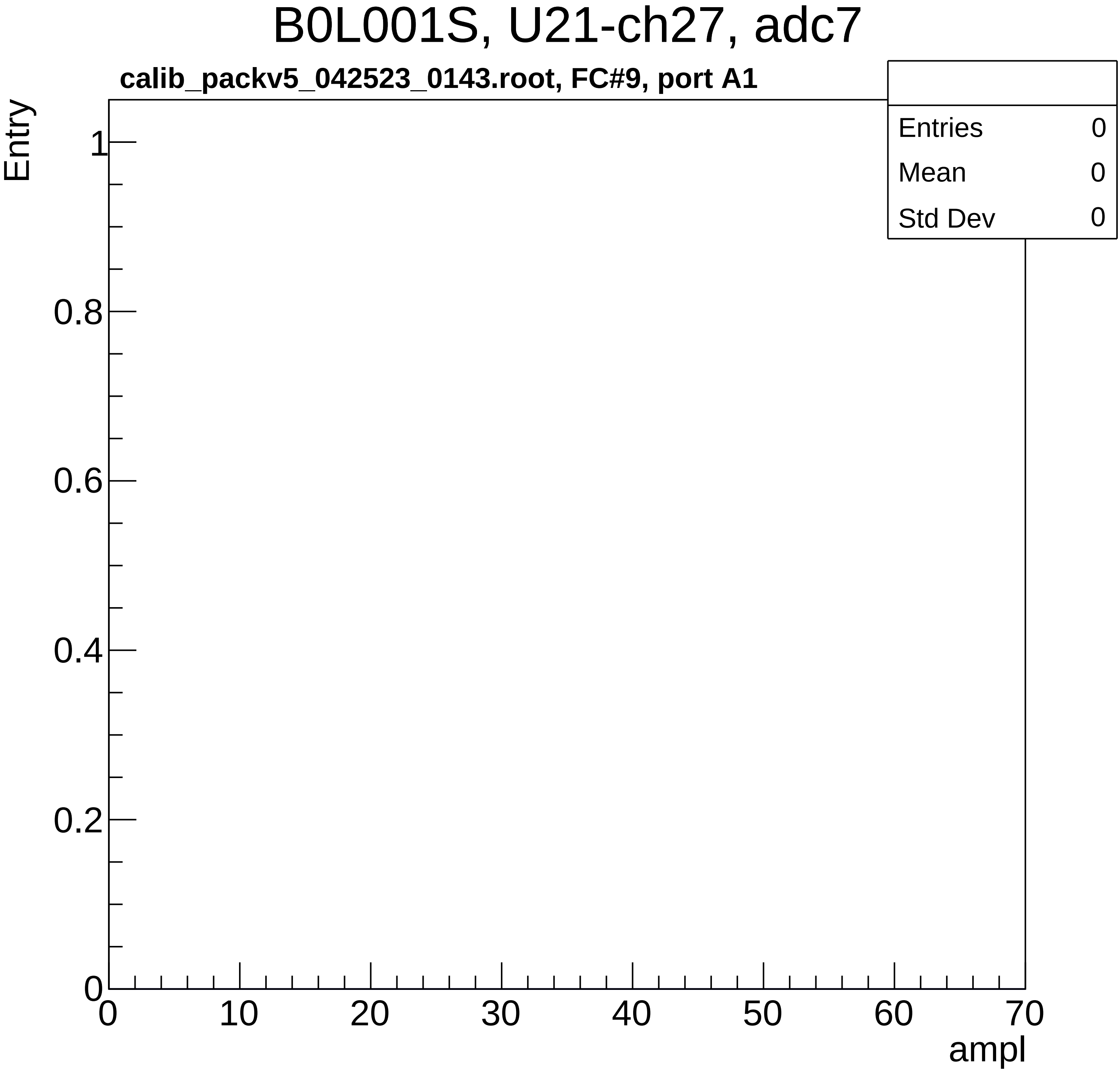

B0L001S, U21-ch27, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 43
Std Dev 3.738
Gaus mean : 42.8753
Gaus Width: 3.7548
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

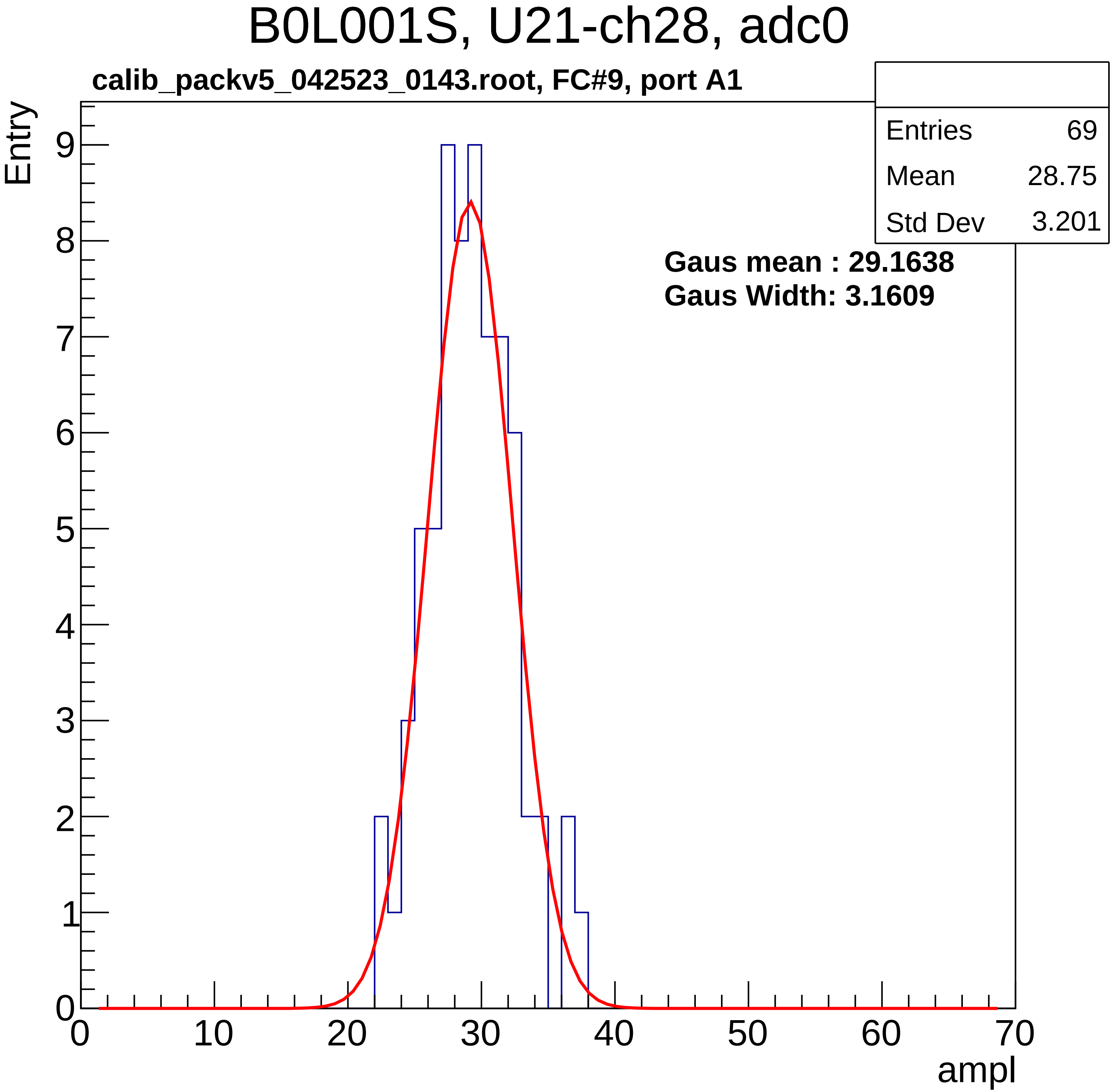

B0L001S, U21-ch27, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 49.78
Std Dev 2.887
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

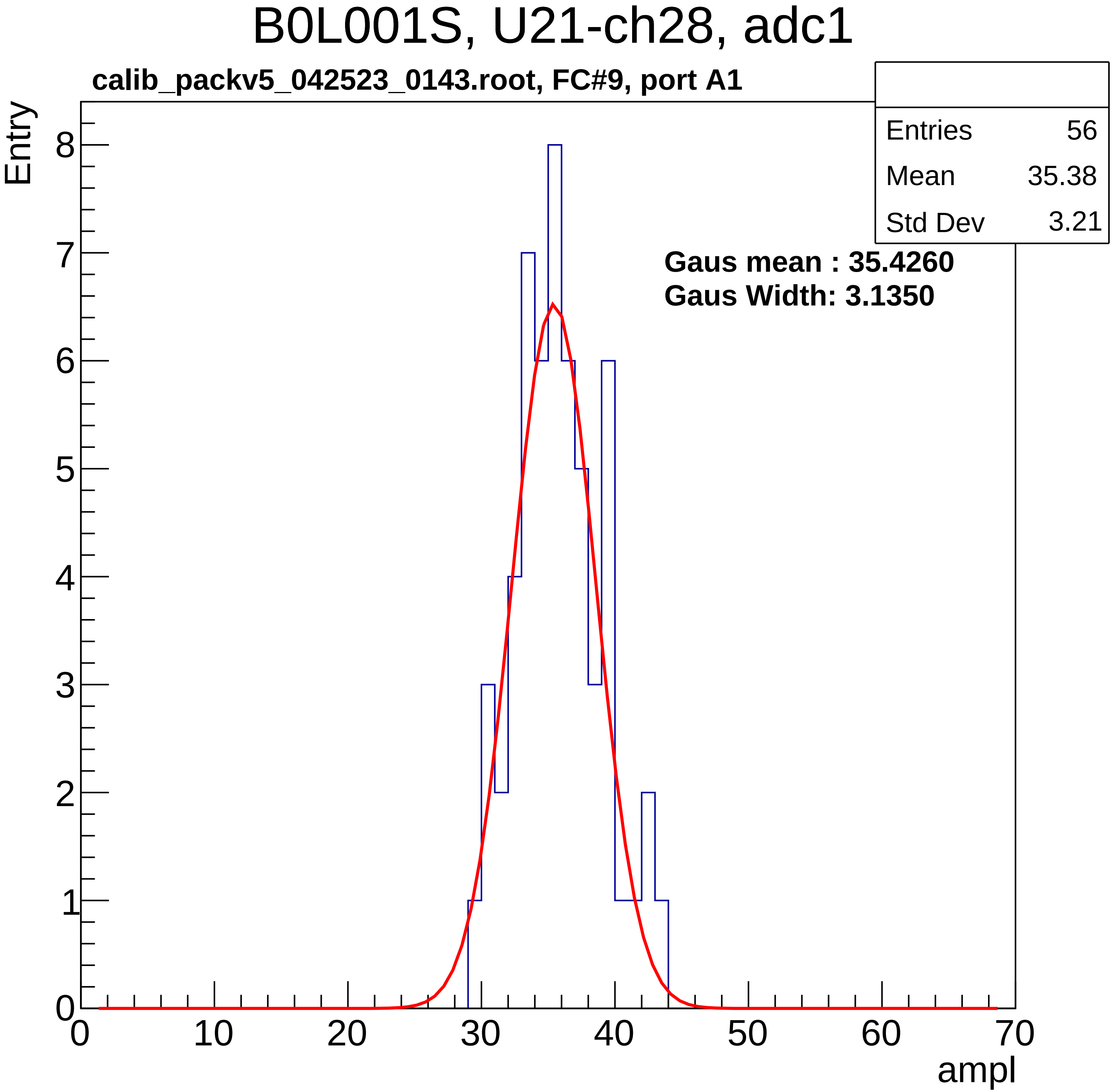

B0L001S, U21-ch27, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 55.56
Std Dev 3.763
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

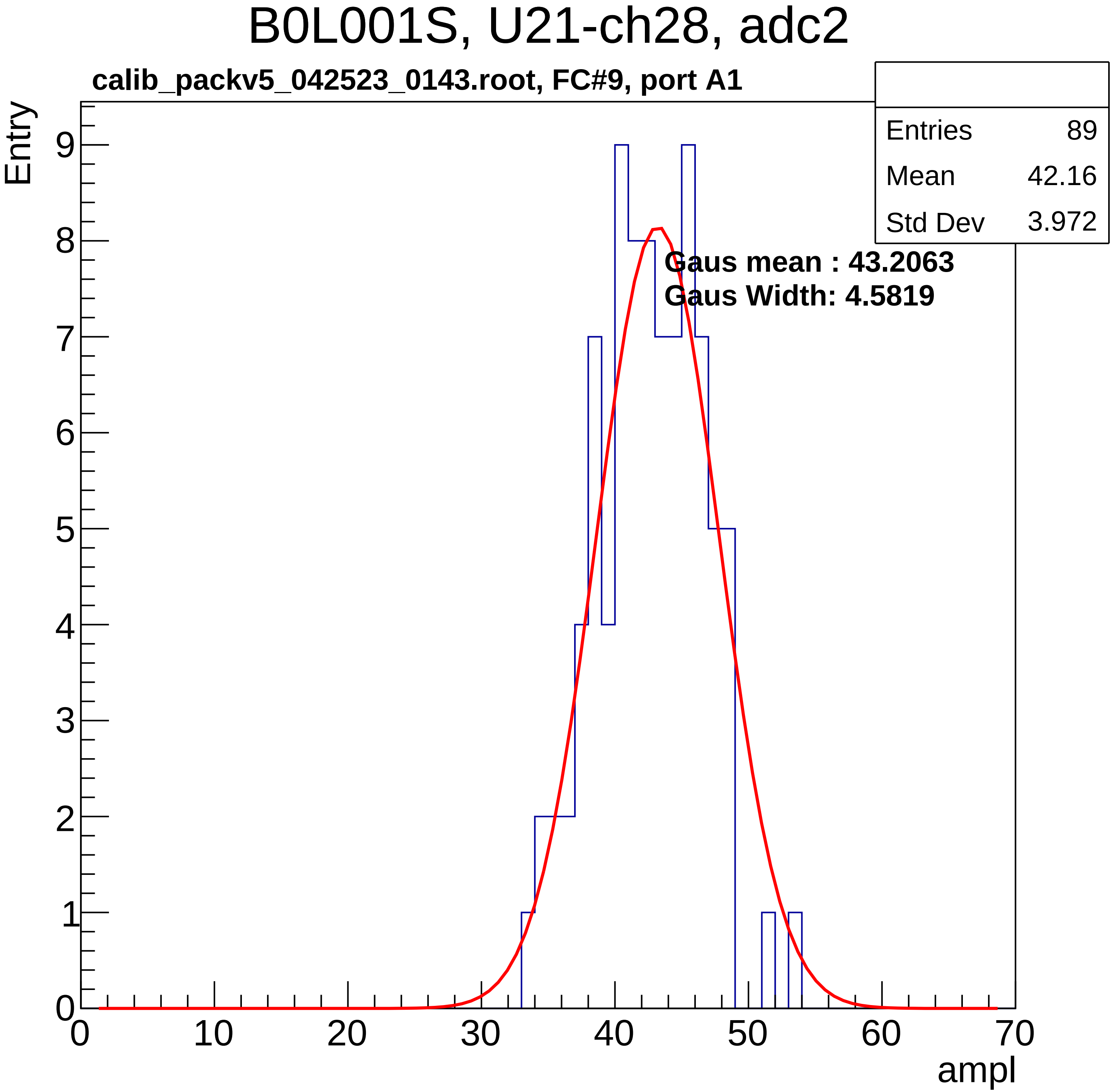

B0L001S, U21-ch27, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 59.71
Std Dev 2.228
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch27, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 5
Mean 50
Std Dev 25.01
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

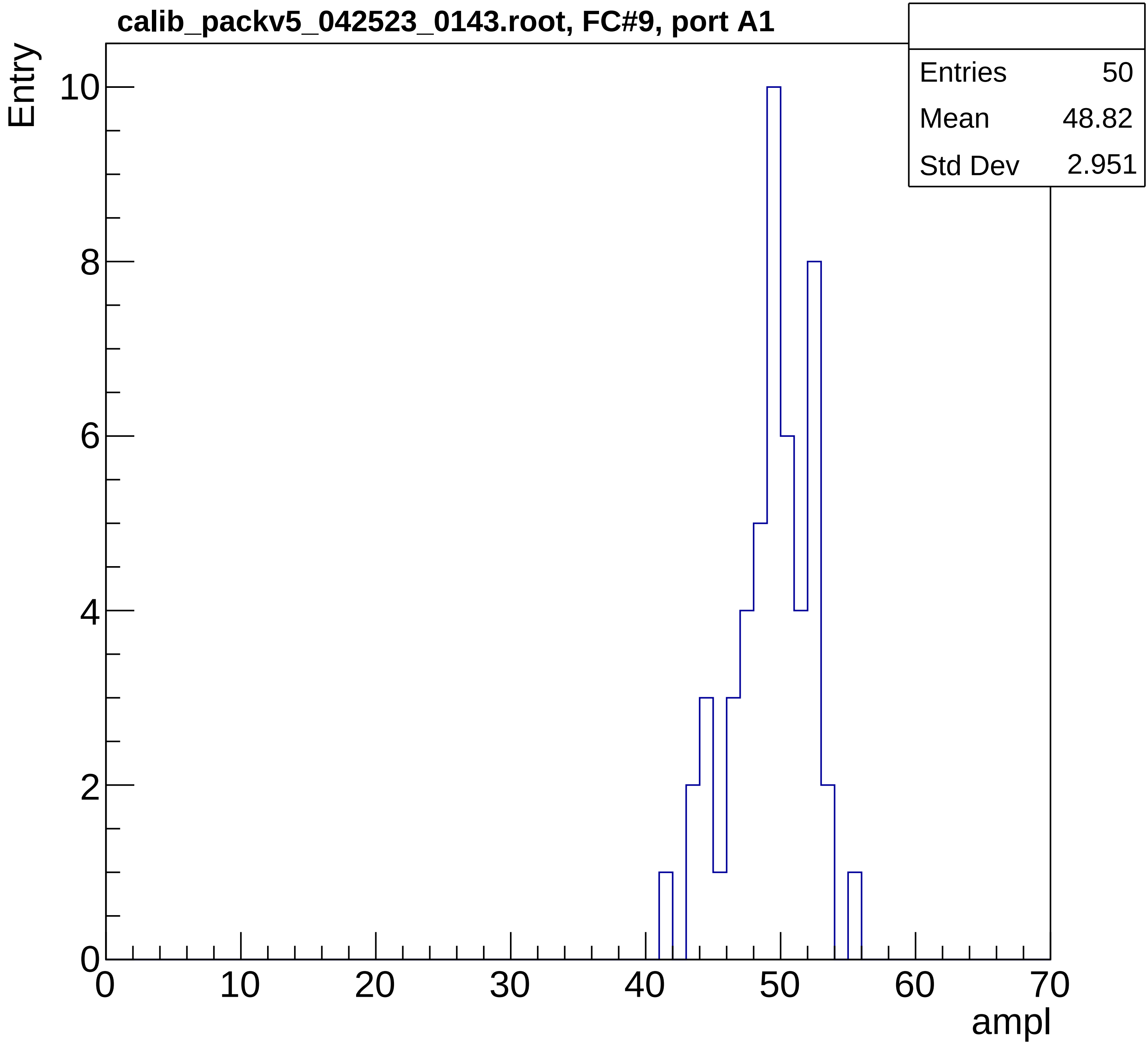

B0L001S, U21-ch27, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

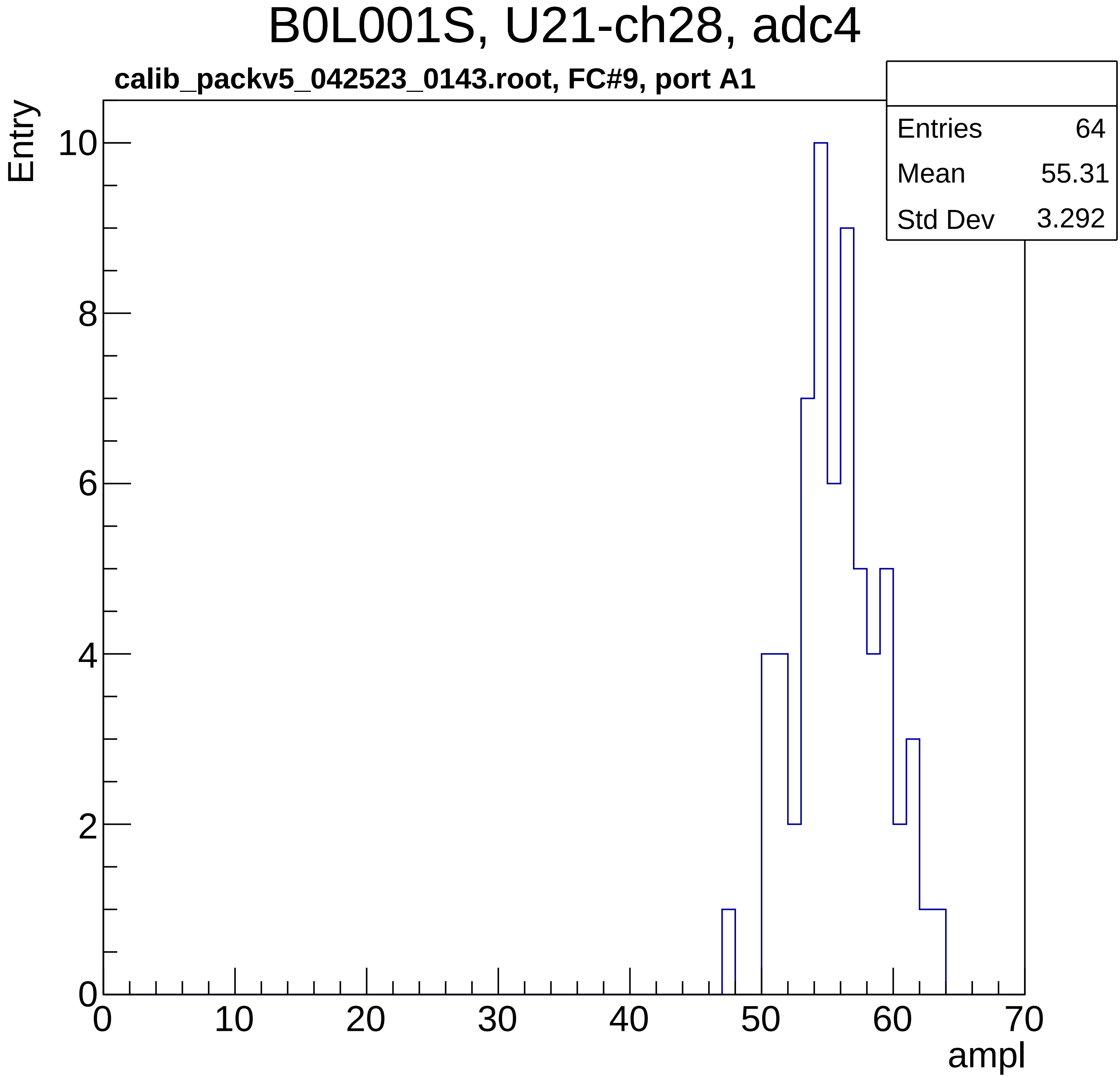

B0L001S, U21-ch28, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 28.75
Std Dev 3.201
Gaus mean : 29.1638
Gaus Width: 3.1609
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

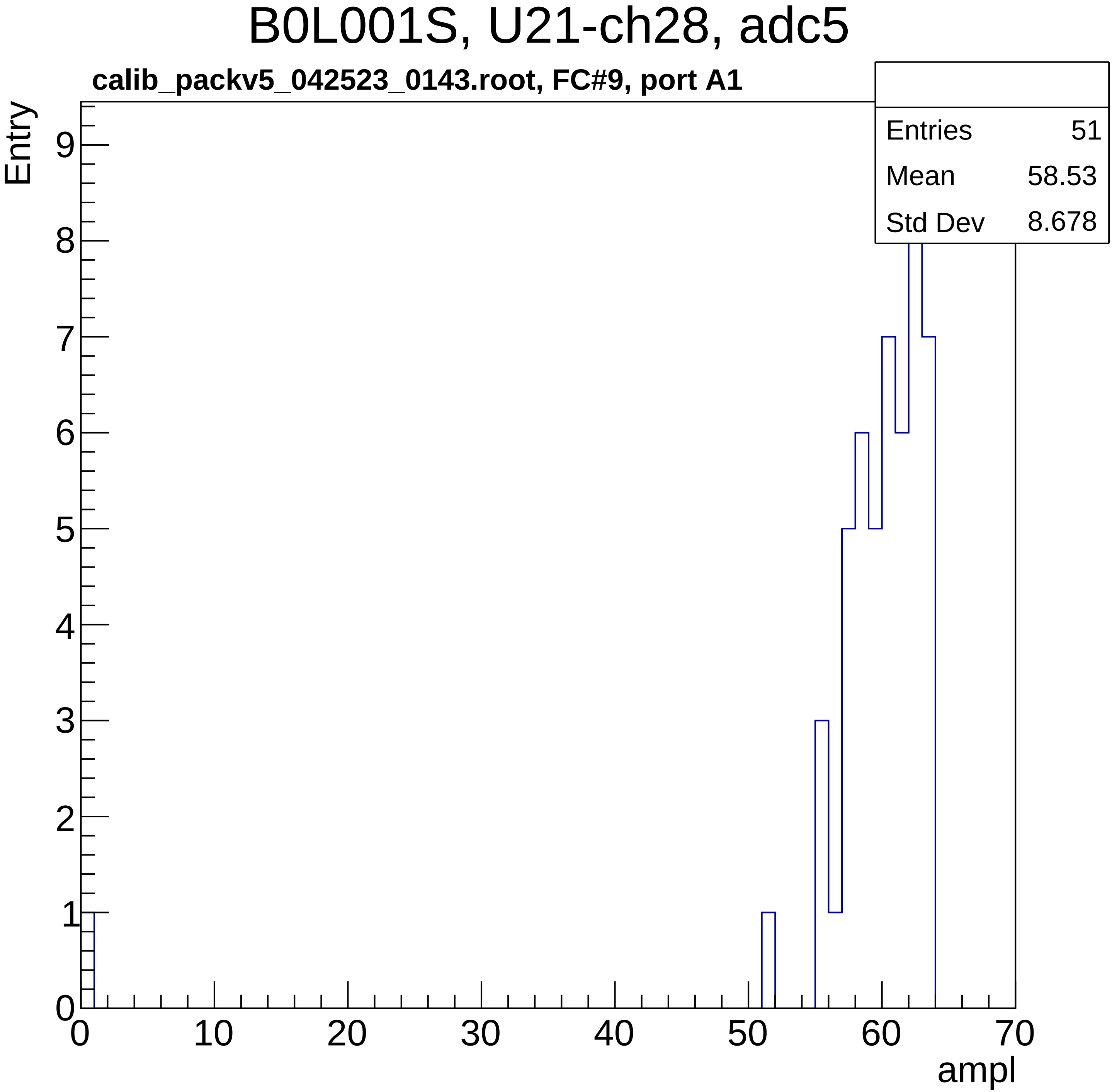

B0L001S, U21-ch28, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 35.38
Std Dev 3.21
Gaus mean : 35.4260
Gaus Width: 3.1350
Entry
8
7
6
5
4
3
2
1
0
0
10
20
30
40
50
60
70
ampl

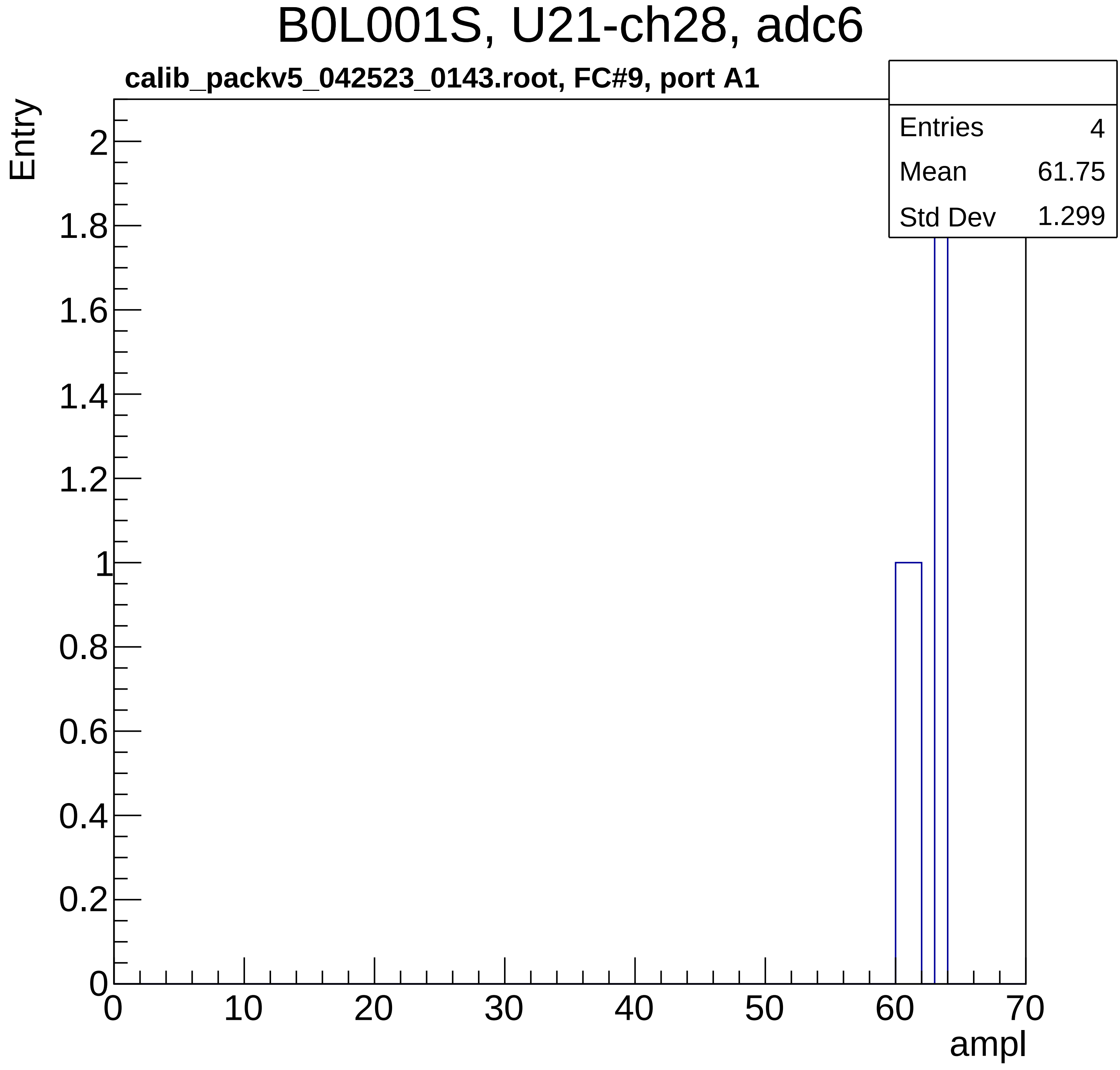

B0L001S, U21-ch28, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 89
Mean 42.16
Std Dev 3.972
Gaus mean : 43.2063
Gaus Width: 4.5819
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

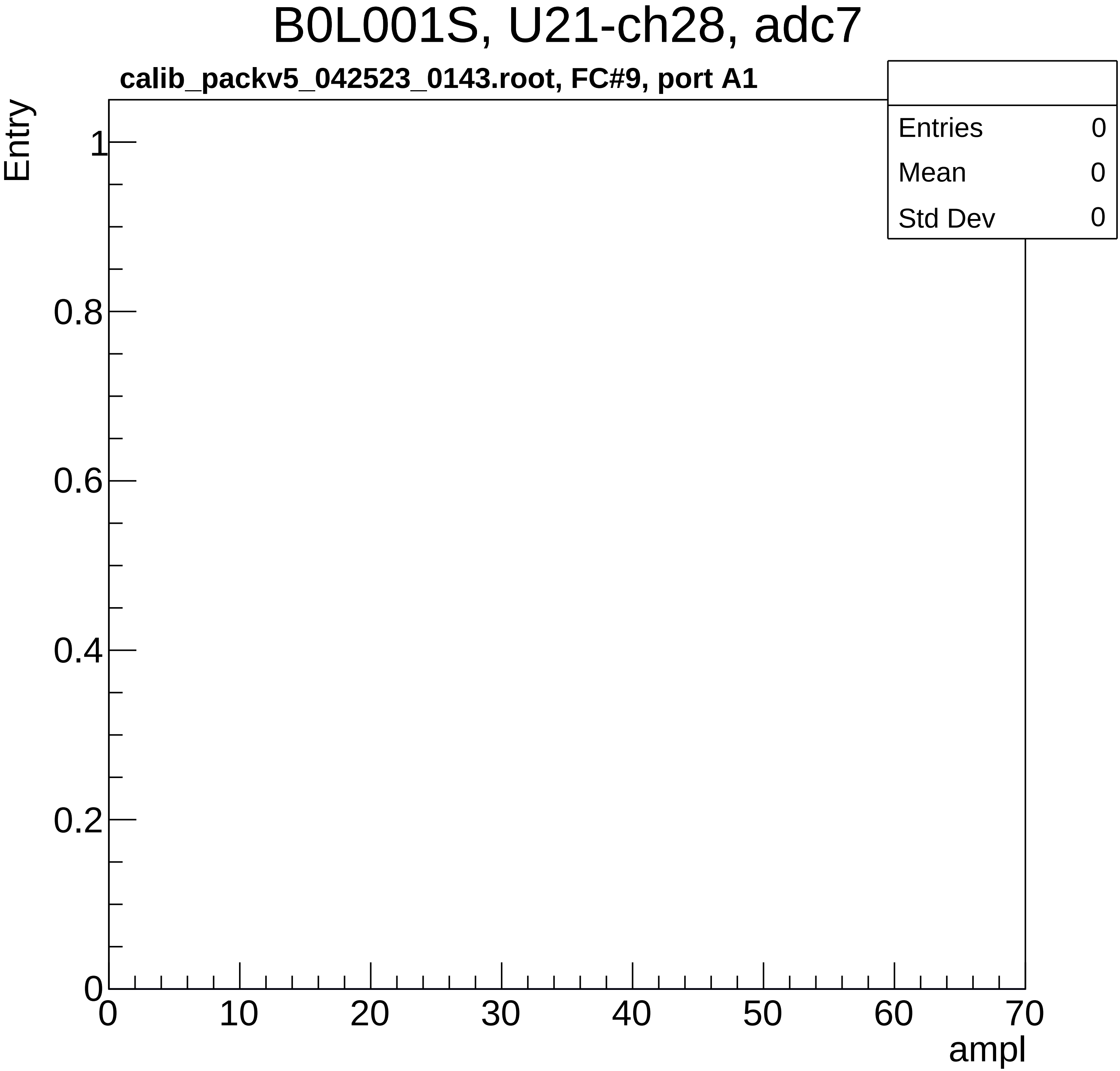
B0L001S, U21-ch28, adc3

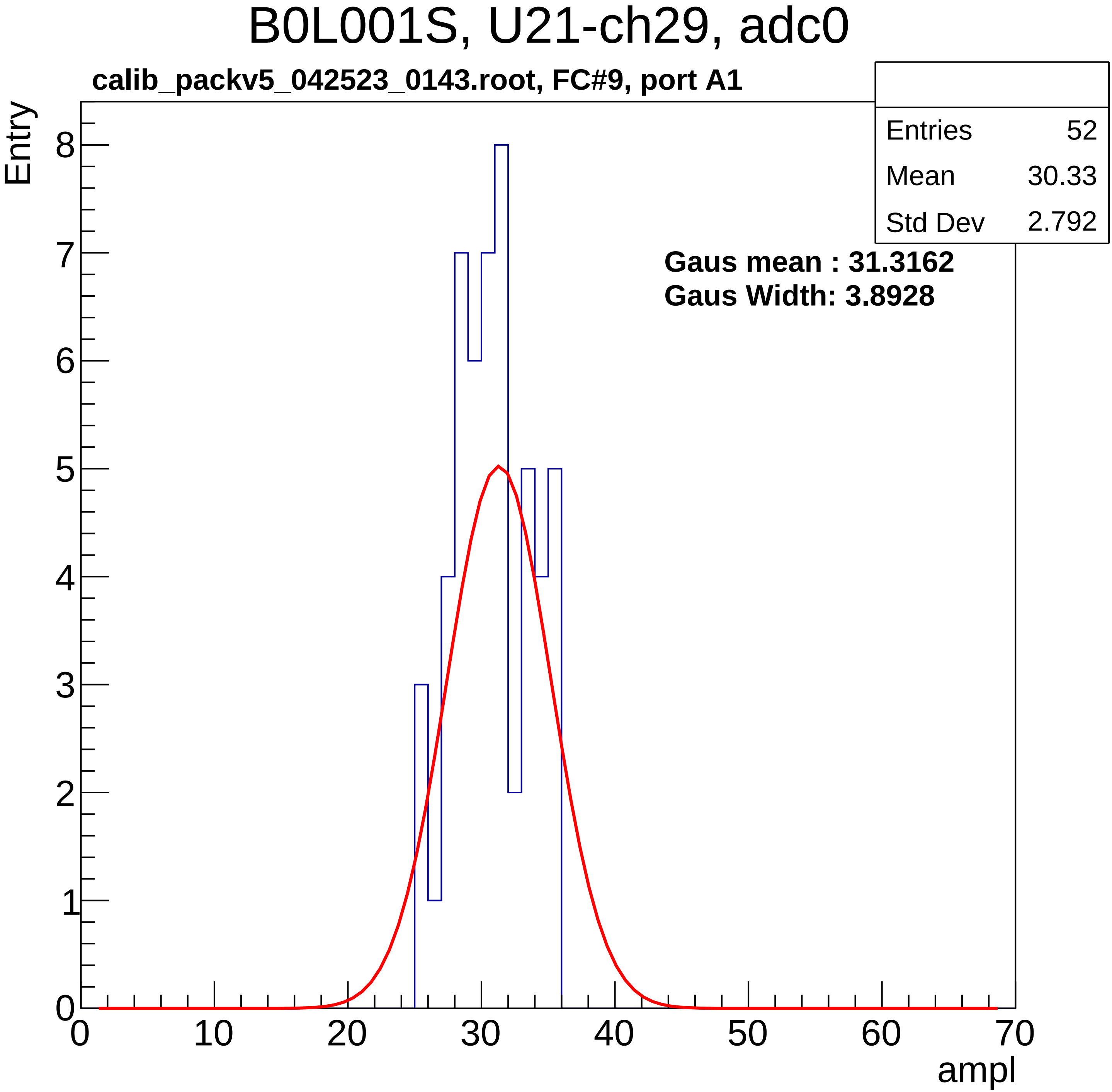


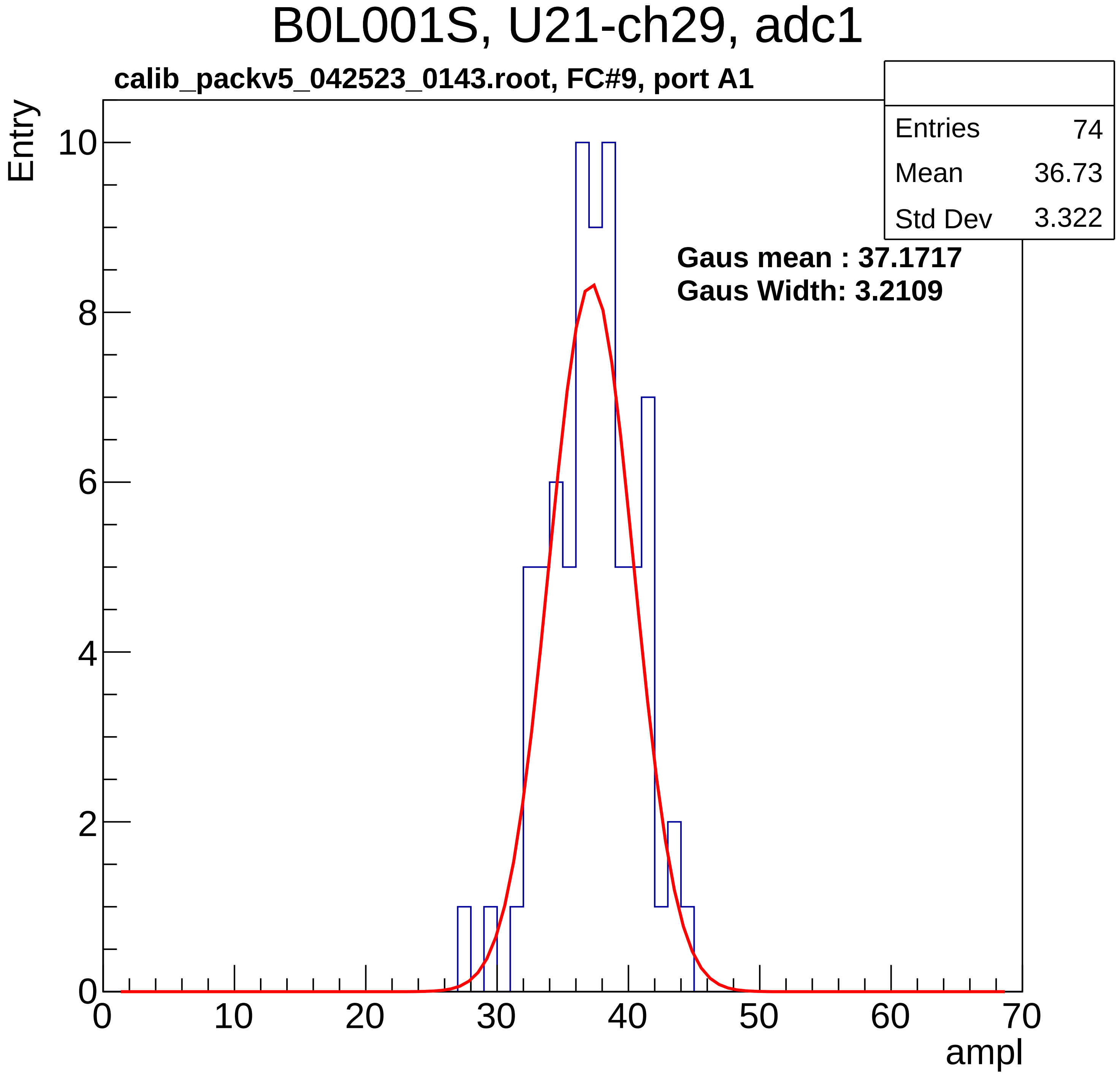

B0L001S, U21-ch28, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 55.31
Std Dev 3.292
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch28, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 51
Mean 58.53
Std Dev 8.678
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

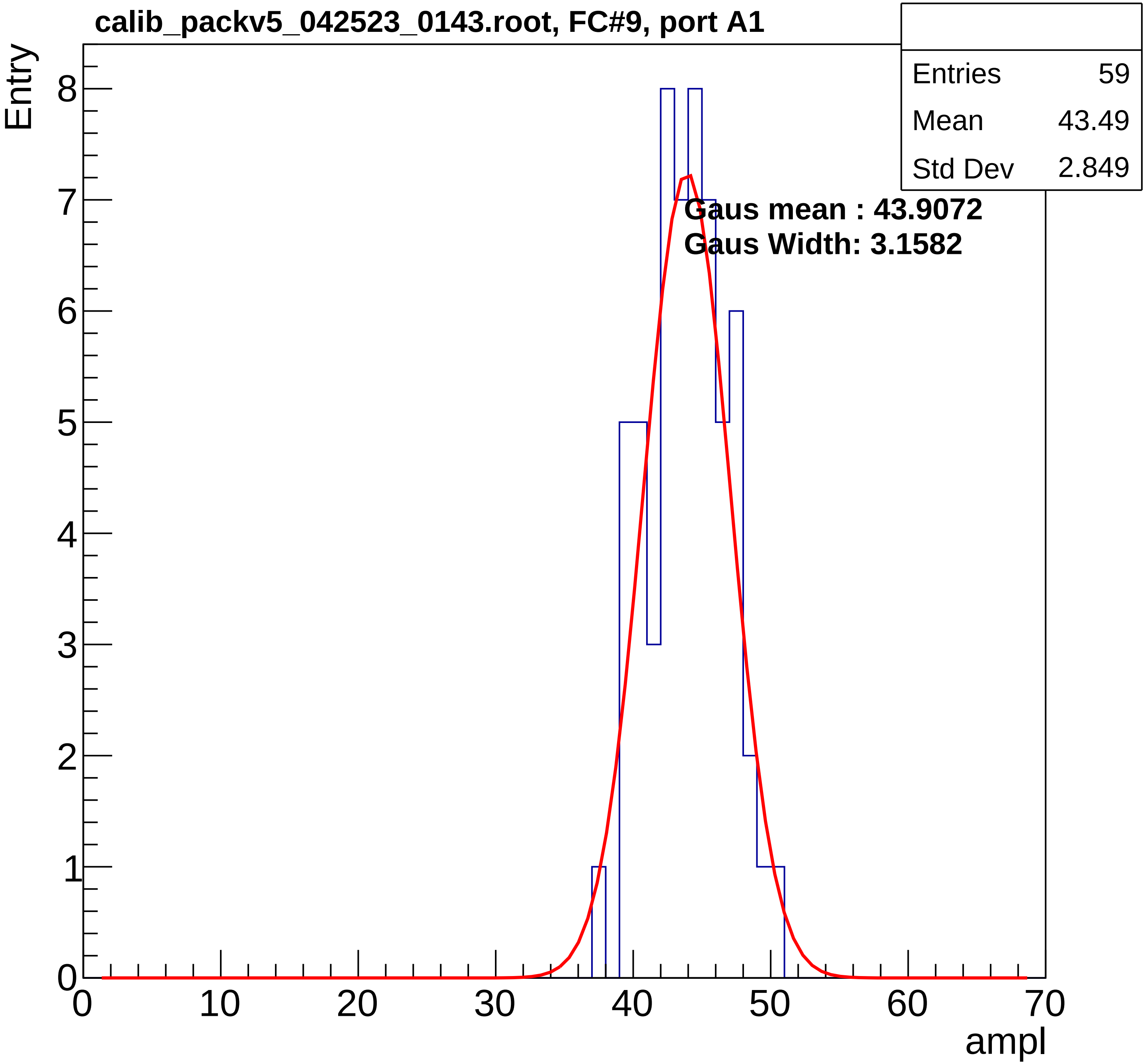

B0L001S, U21-ch28, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 61.75
Std Dev 1.299
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch28, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

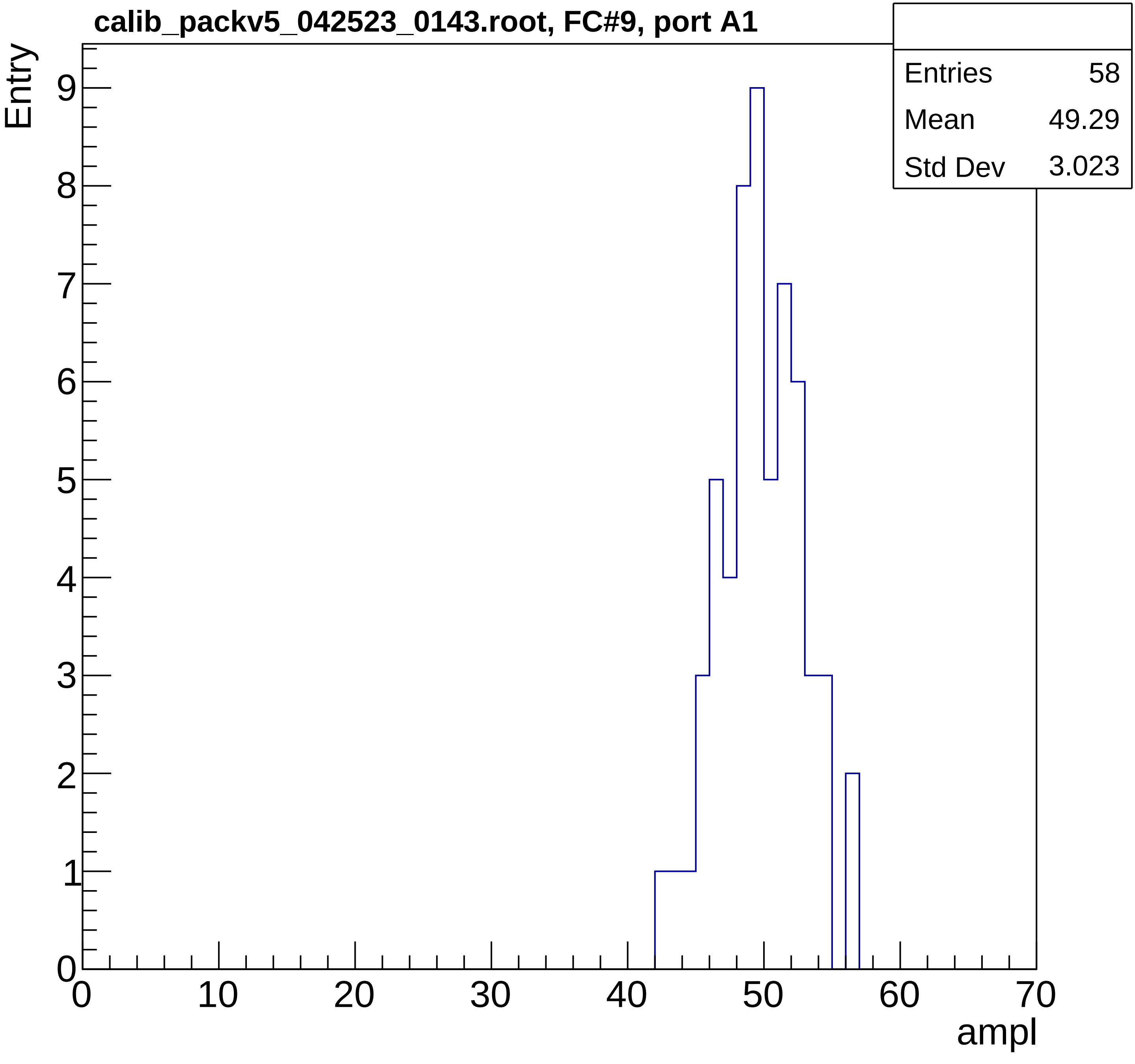

B0L001S, U21-ch29, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 52
Mean 30.33
Std Dev 2.792
Gaus mean : 31.3162
Gaus Width: 3.8928
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

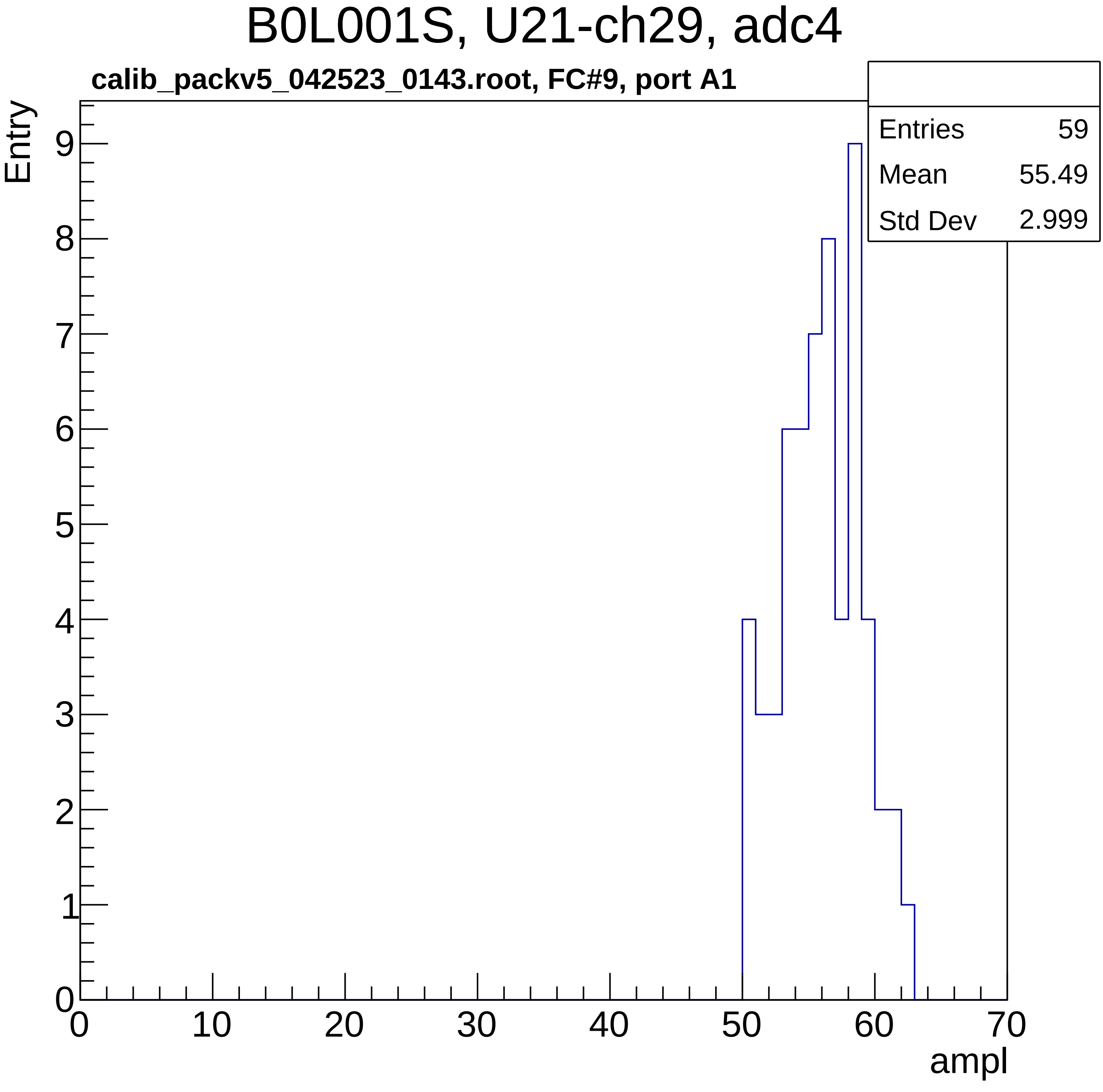

B0L001S, U21-ch29, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 36.73
Std Dev 3.322
Gaus mean : 37.1717
Gaus Width: 3.2109
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

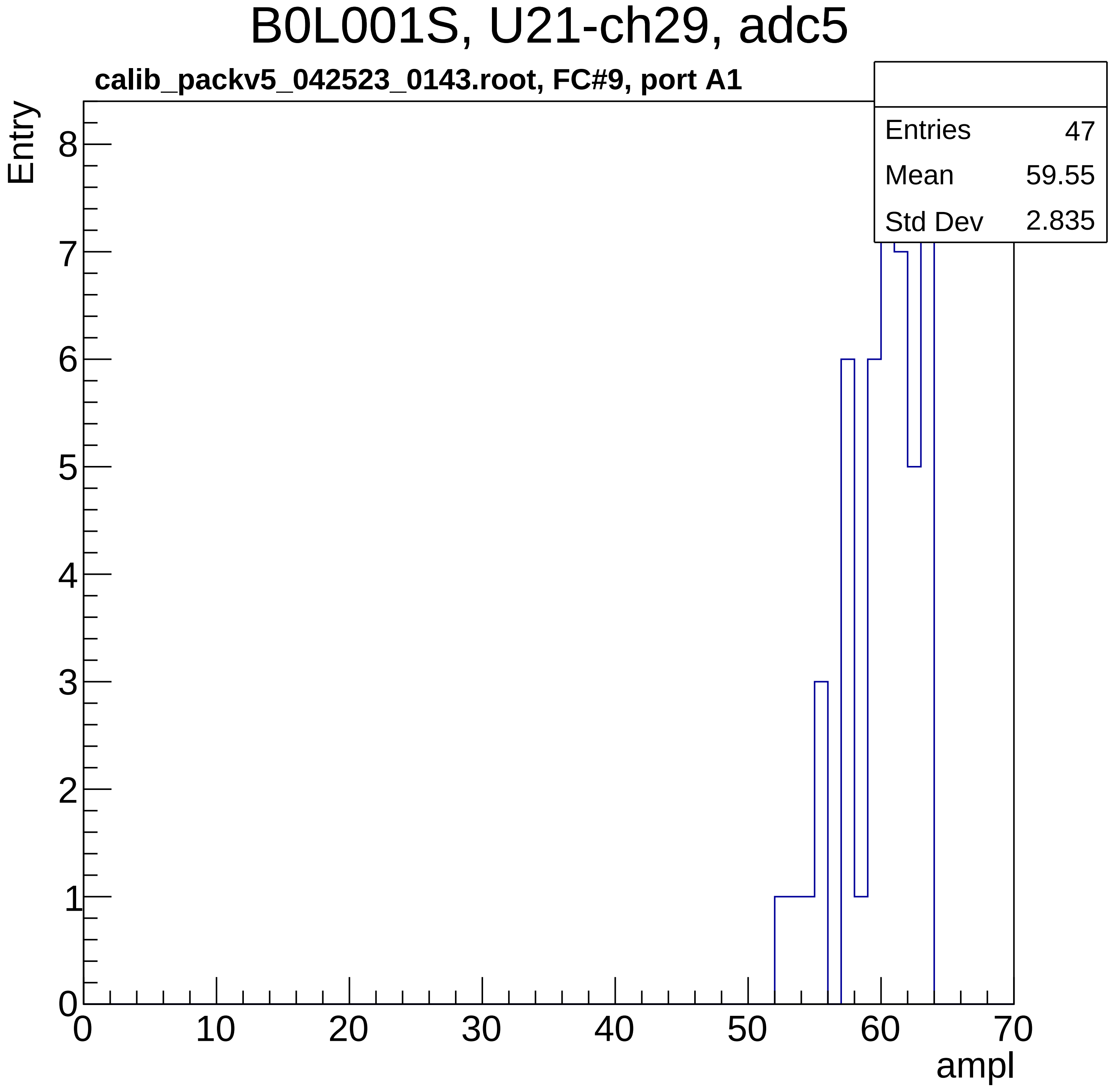
B0L001S, U21-ch29, adc2



B0L001S, U21-ch29, adc3

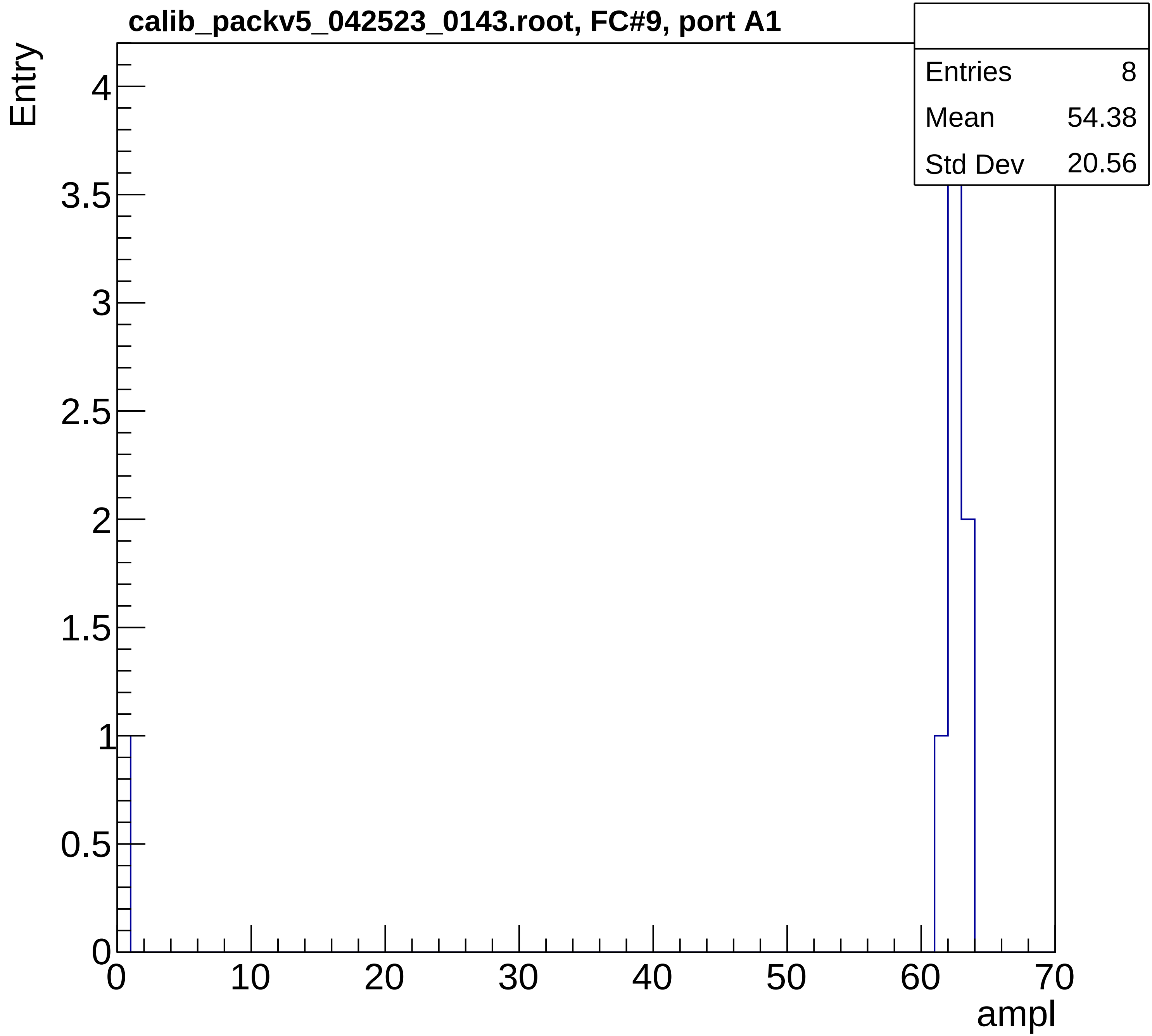



B0L001S, U21-ch29, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 55.49
Std Dev 2.999
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

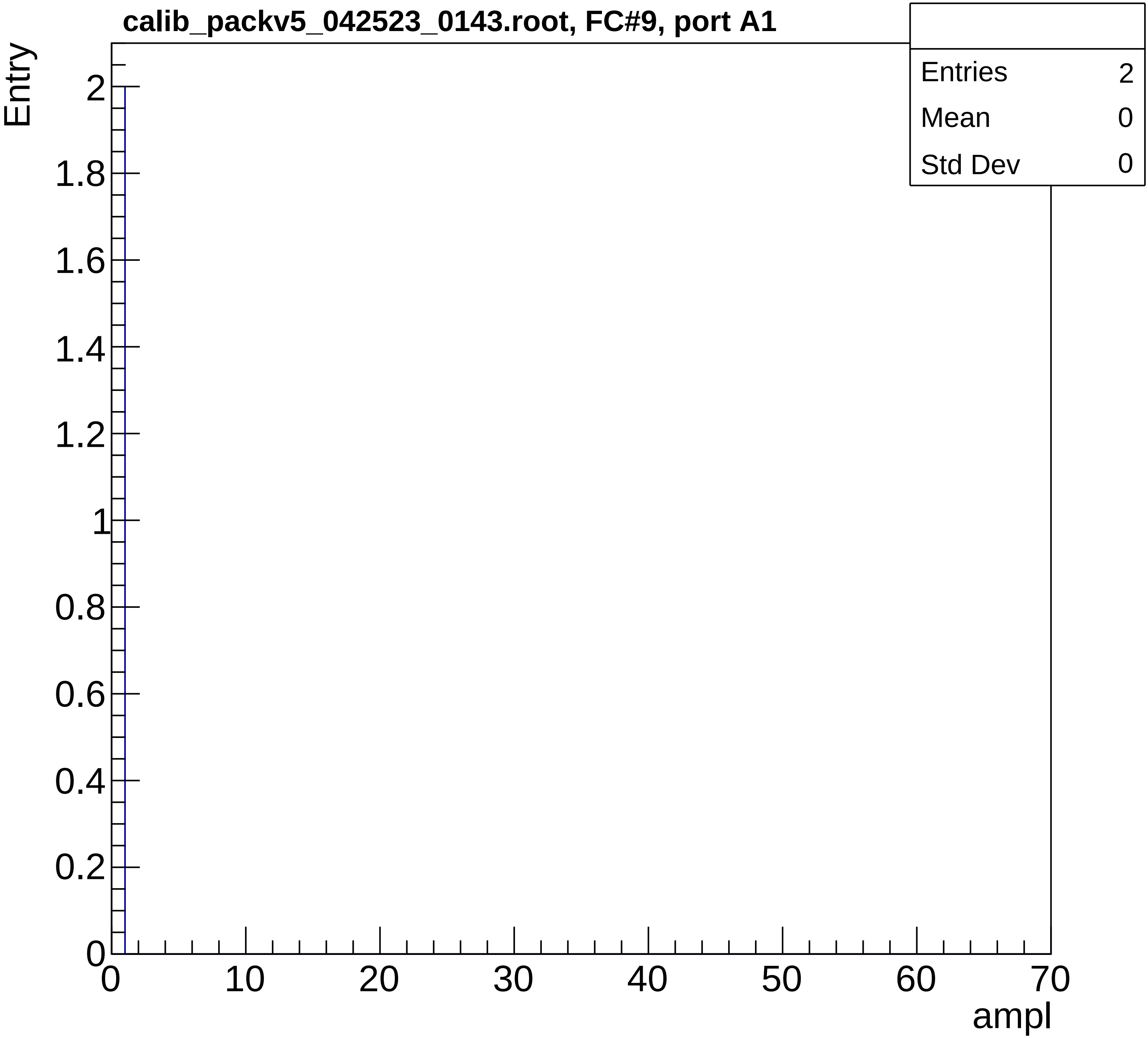

B0L001S, U21-ch29, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 59.55
Std Dev 2.835
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

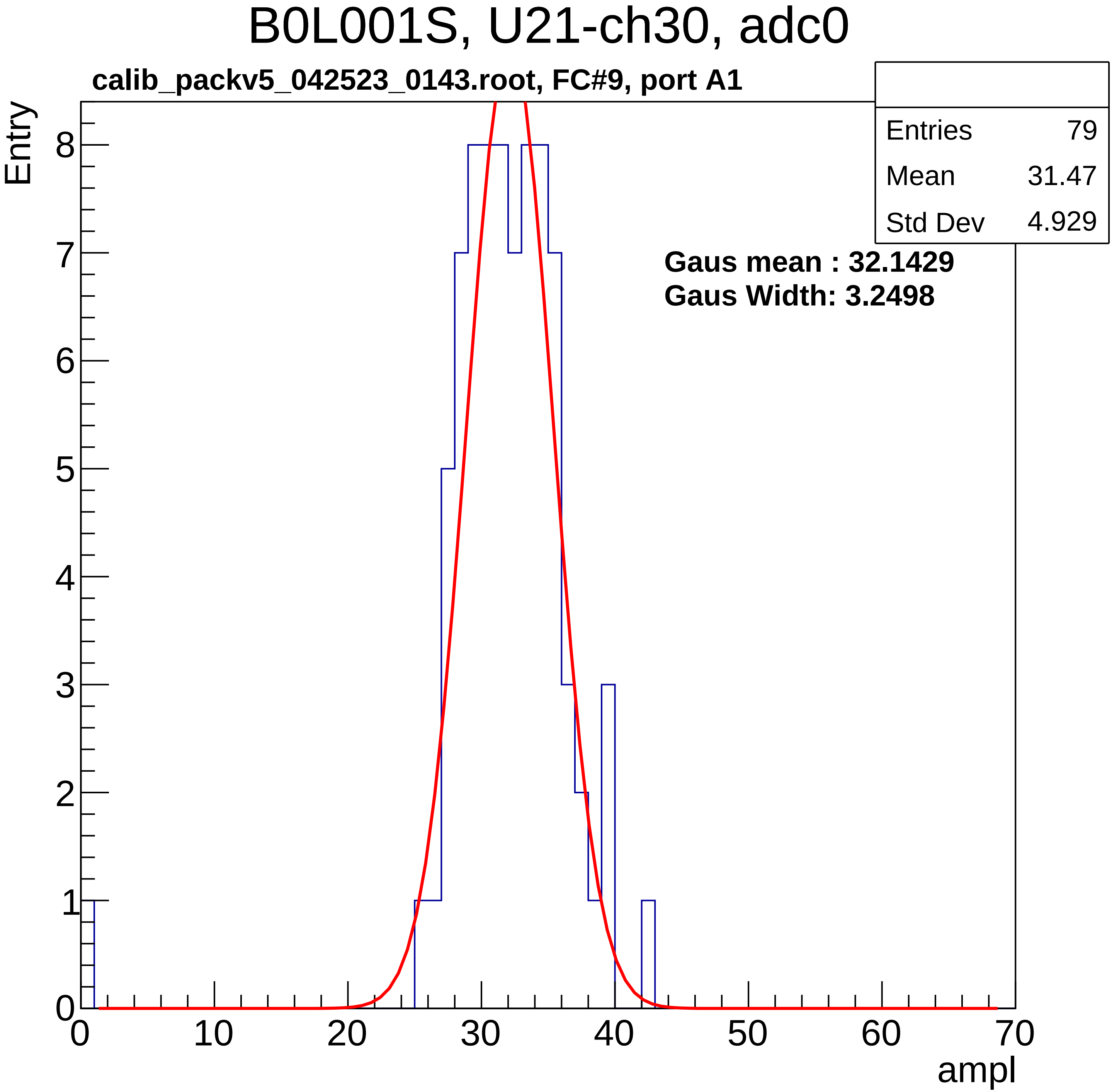
B0L001S, U21-ch29, adc6

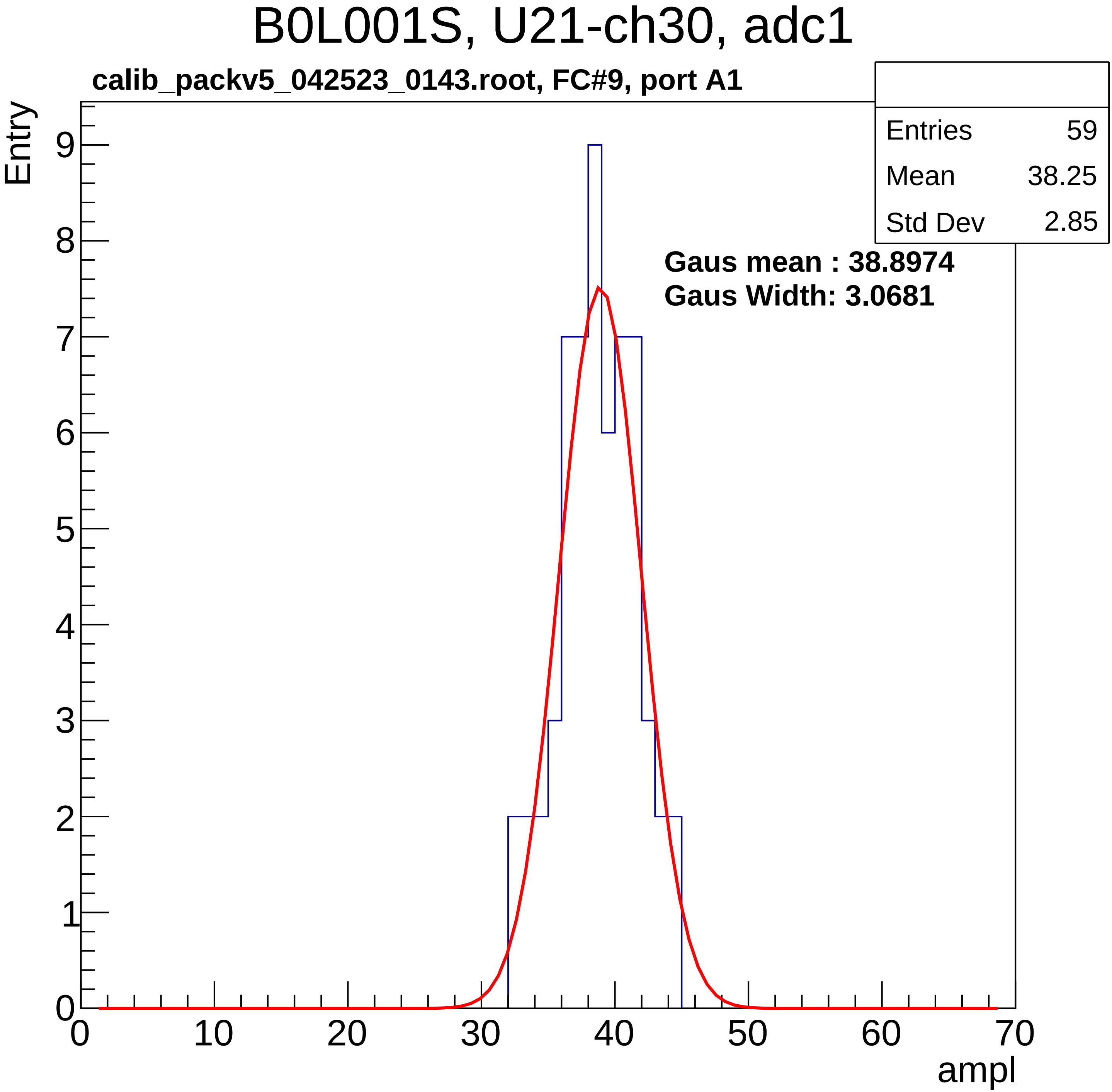
calib_packv5_042523_0143.root, FC#9, port A1

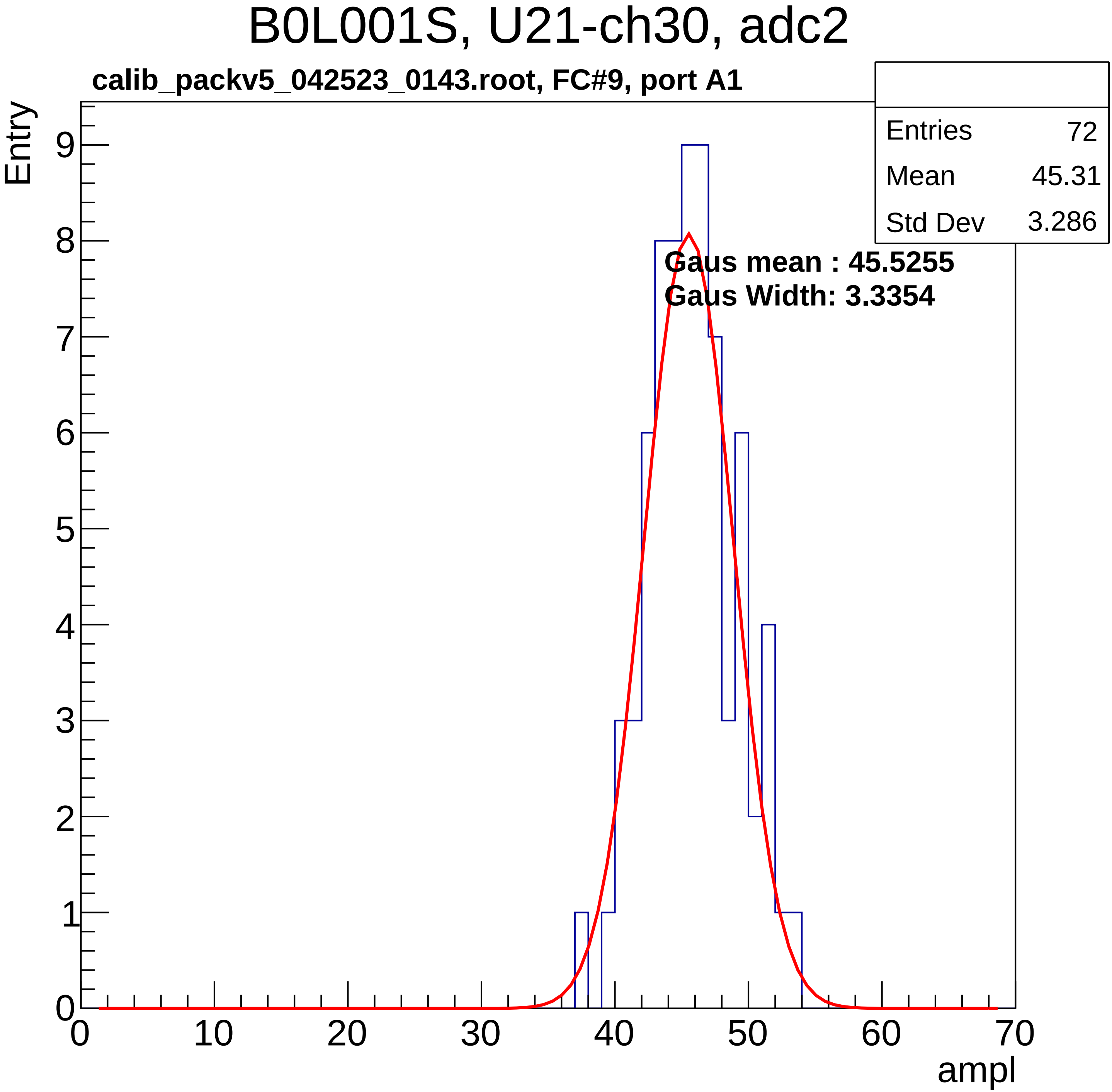


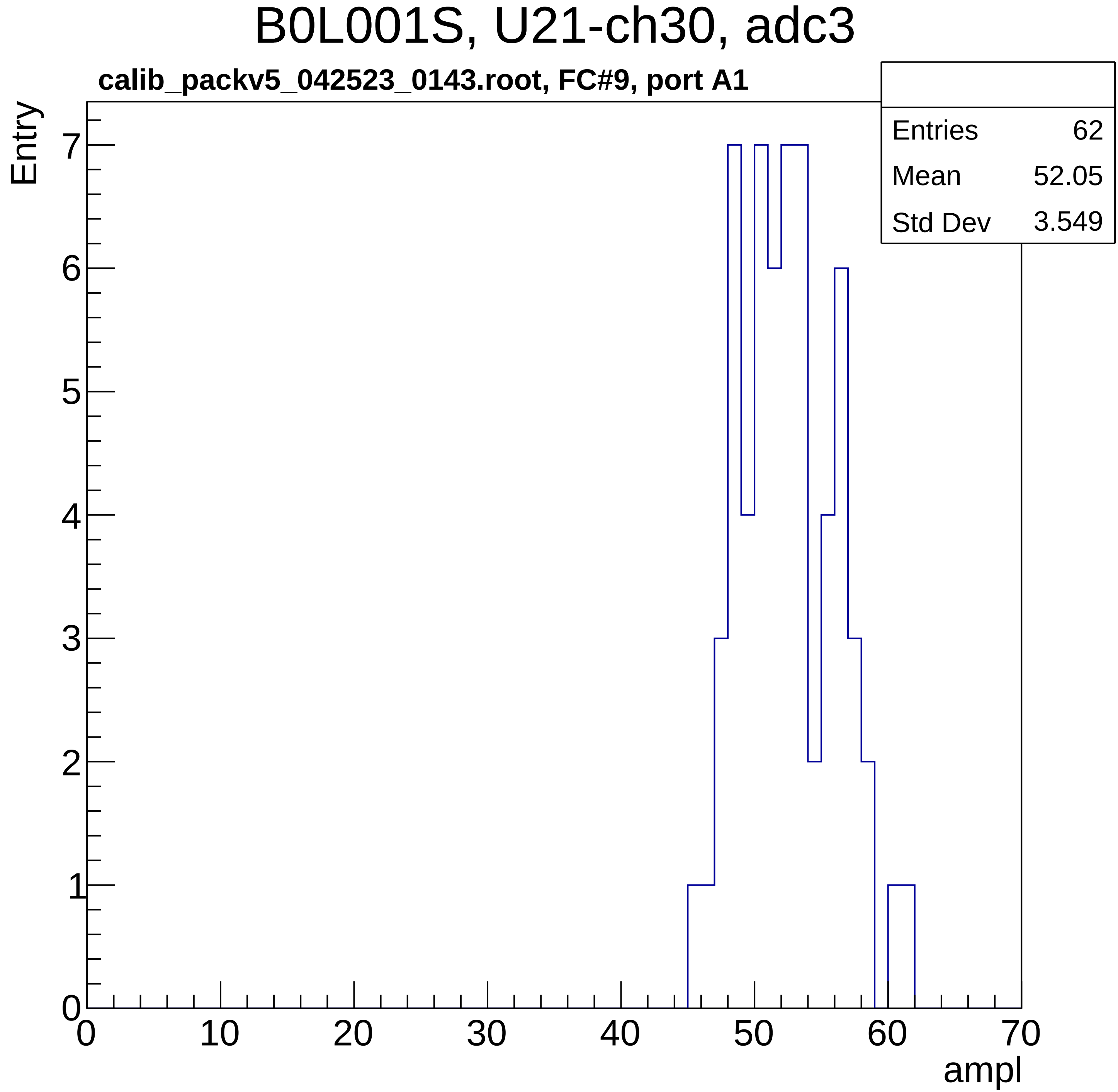
B0L001S, U21-ch29, adc7

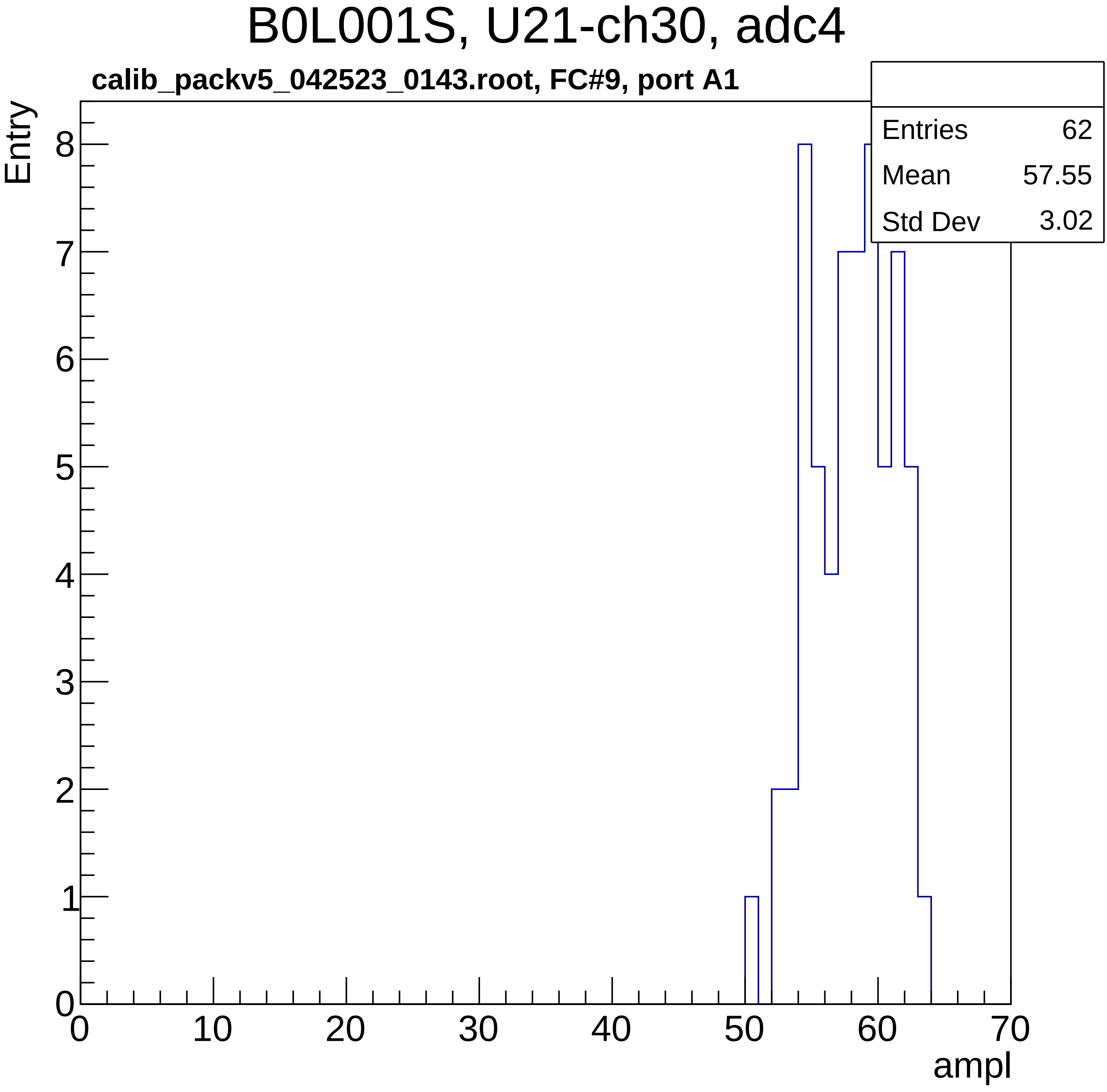


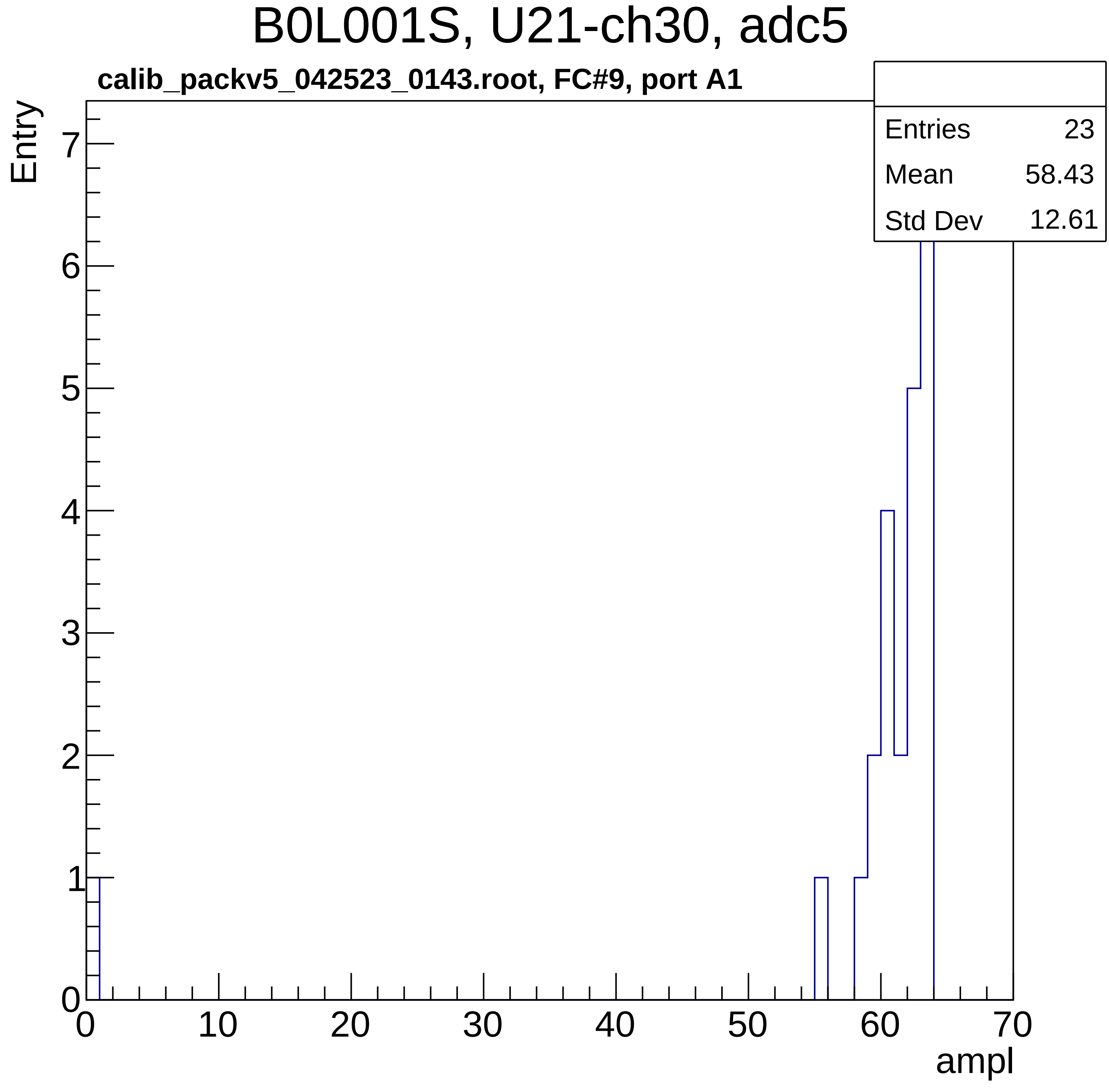

B0L001S, U21-ch30, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 31.47
Std Dev 4.929
Gaus mean : 32.1429
Gaus Width: 3.2498
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

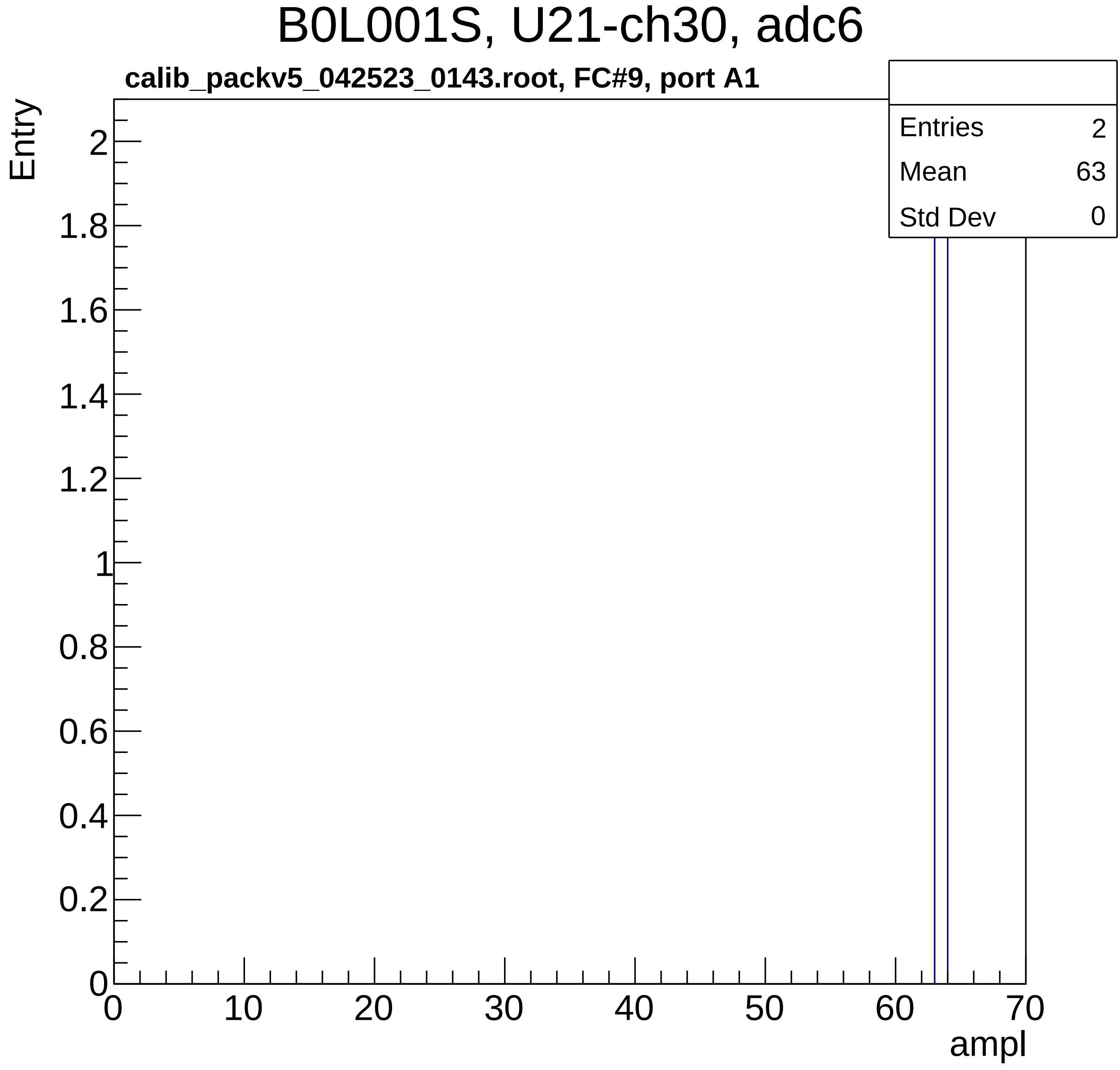

B0L001S, U21-ch30, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 38.25
Std Dev 2.85
Gaus mean : 38.8974
Gaus Width: 3.0681
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

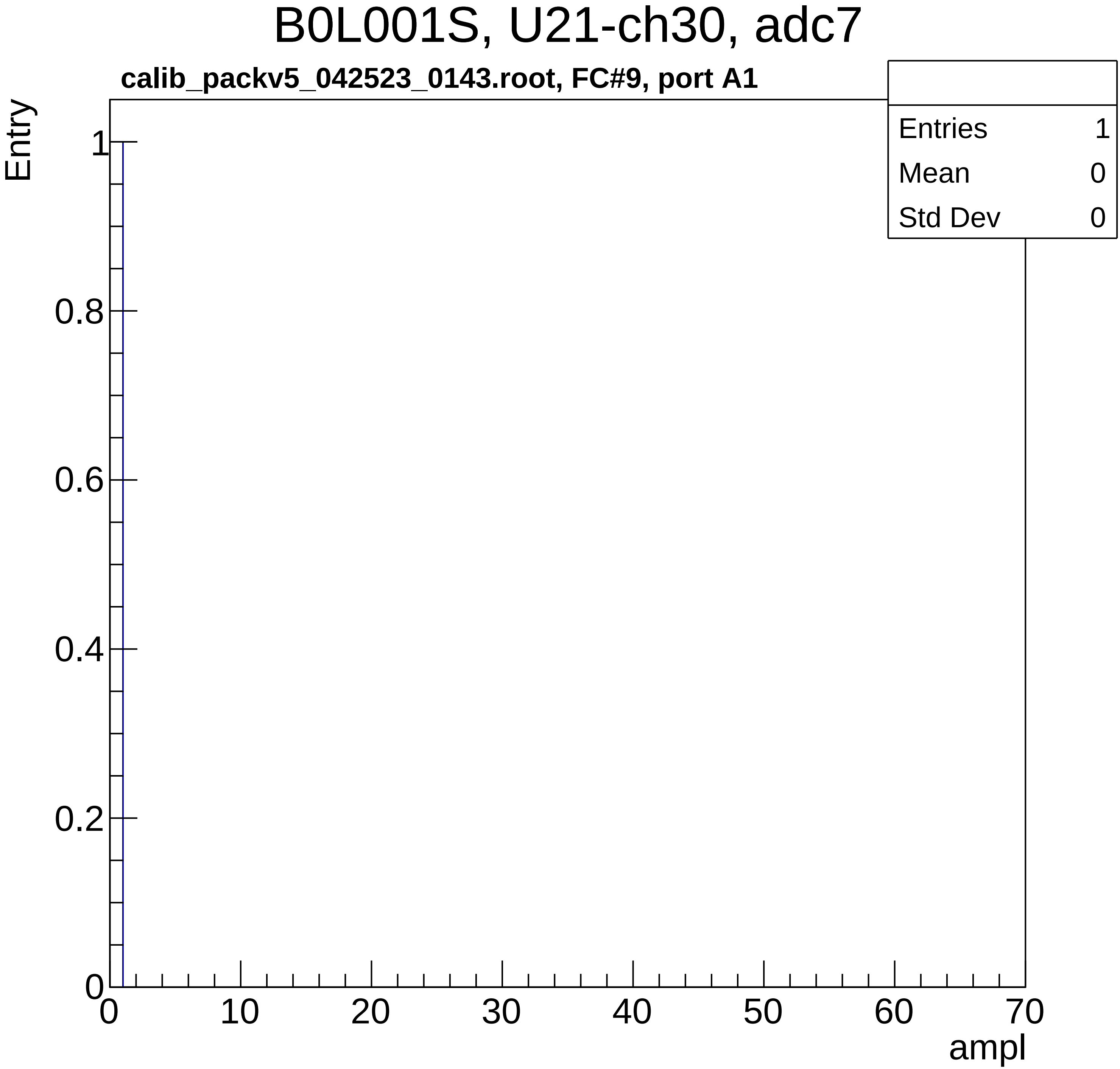

B0L001S, U21-ch30, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 45.31
Std Dev 3.286
Gaus mean : 45.5255
Gaus Width: 3.3354
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

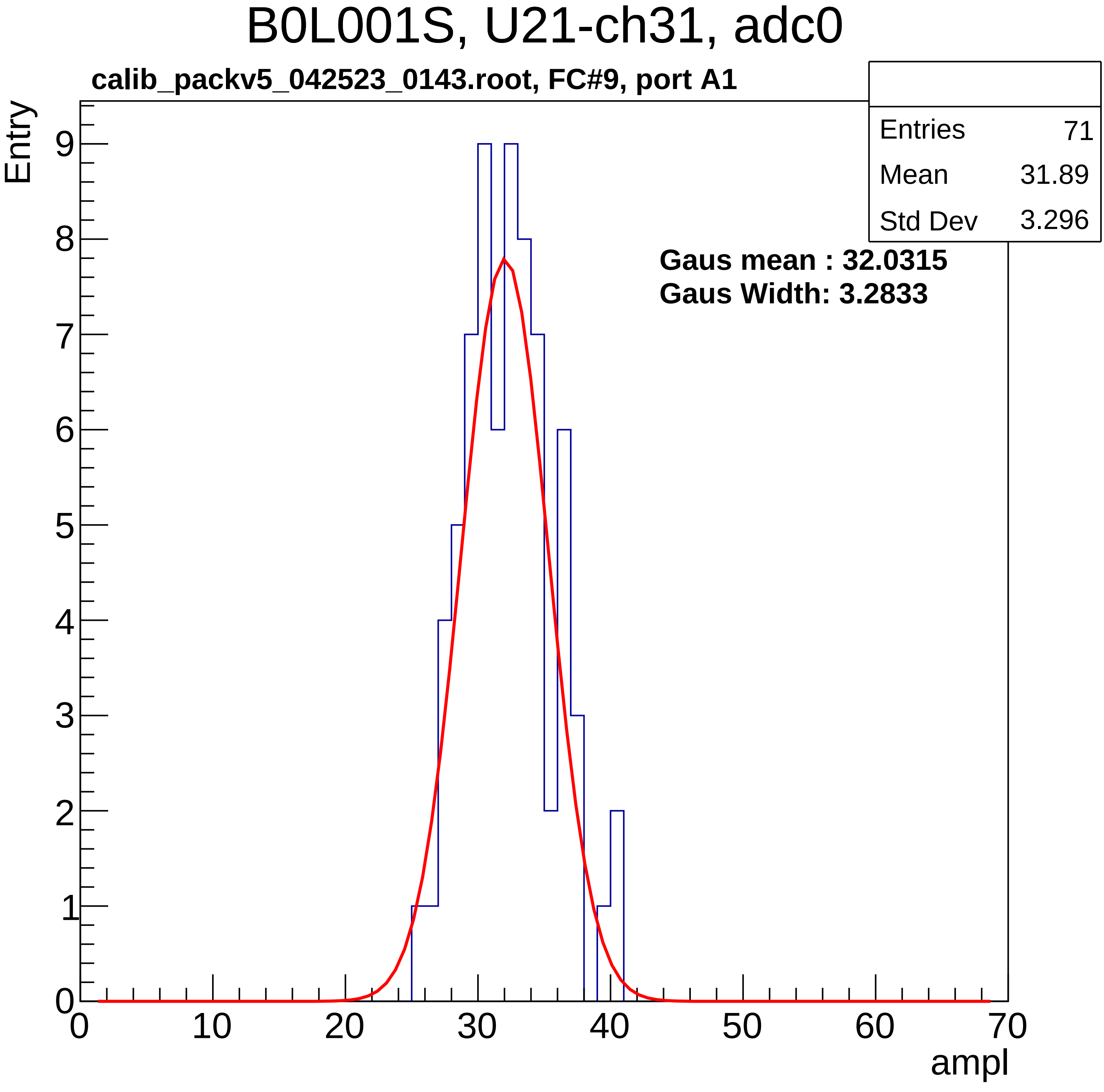

B0L001S, U21-ch30, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 52.05
Std Dev 3.549
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

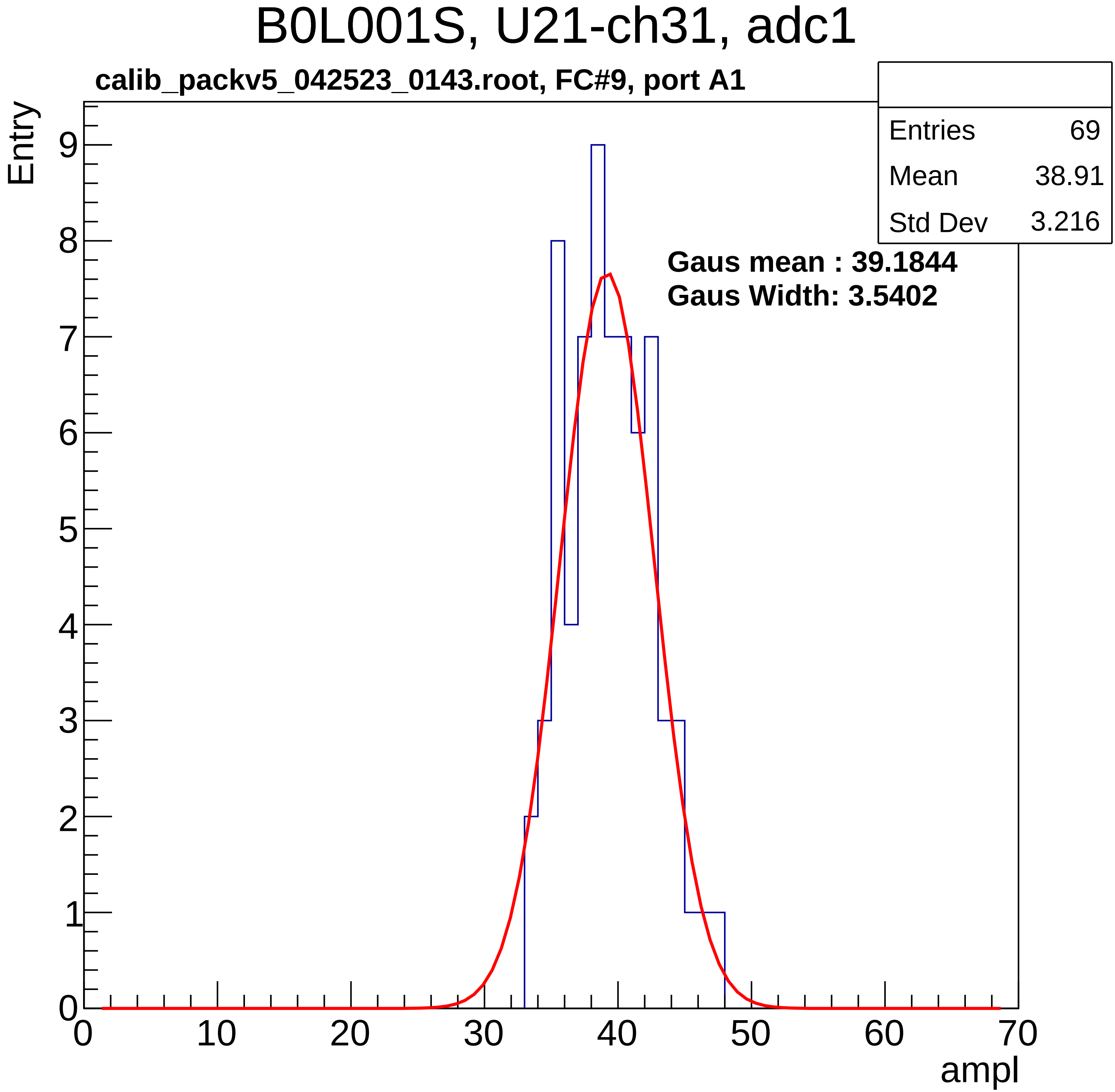

B0L001S, U21-ch30, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.55
Std Dev 3.02
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

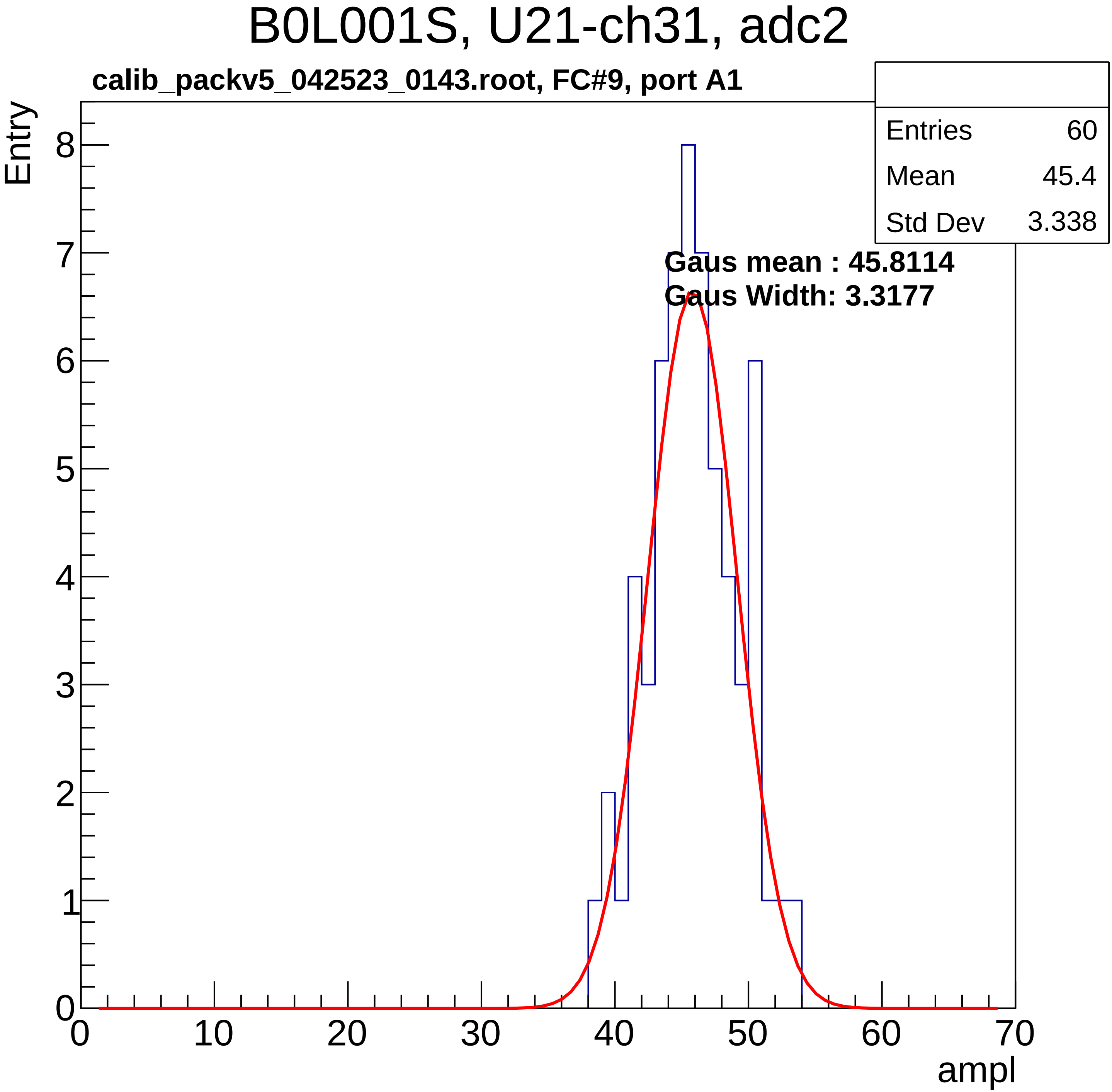

B0L001S, U21-ch30, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 23
Mean 58.43
Std Dev 12.61
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch30, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
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

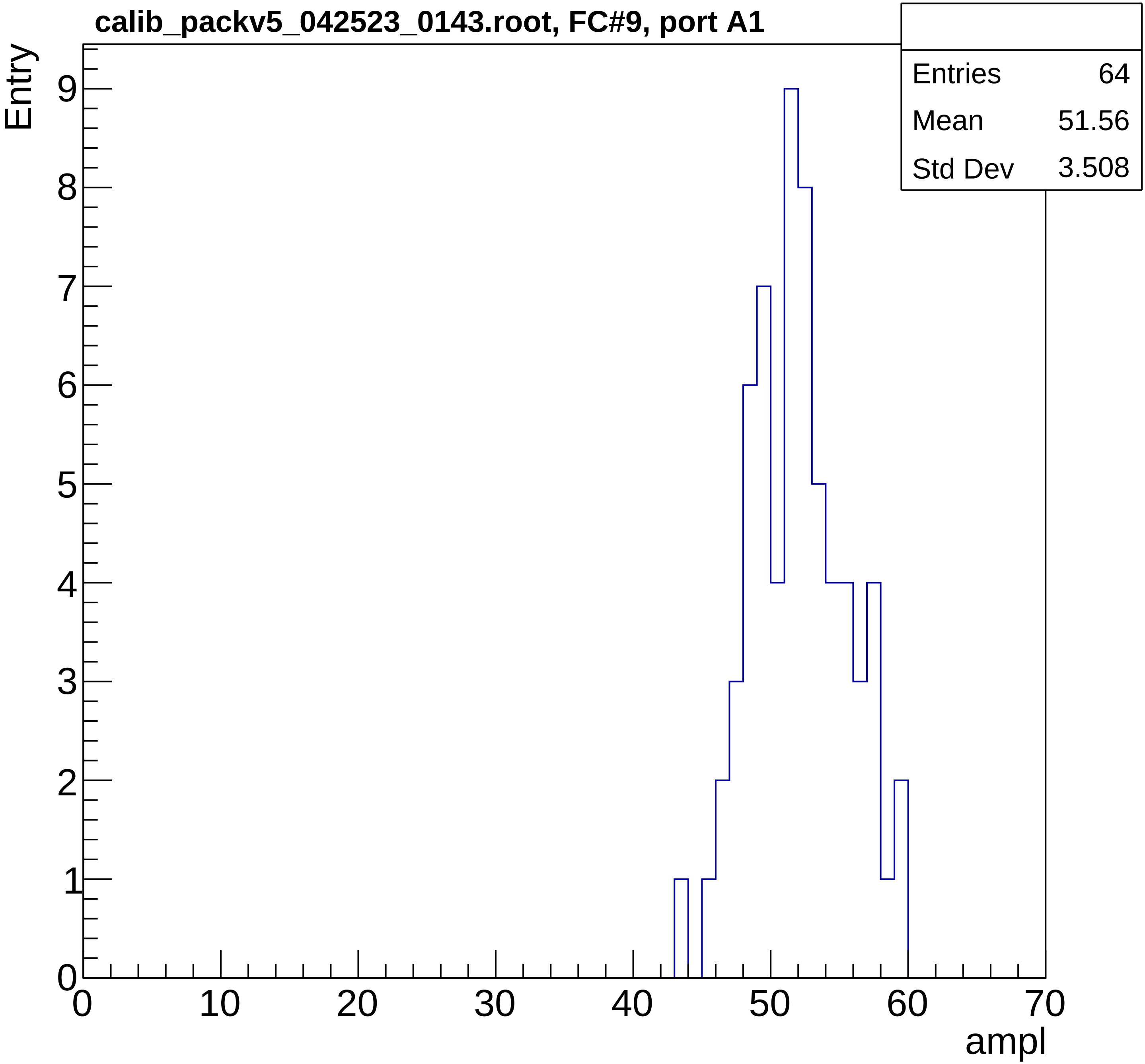

B0L001S, U21-ch30, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 1
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

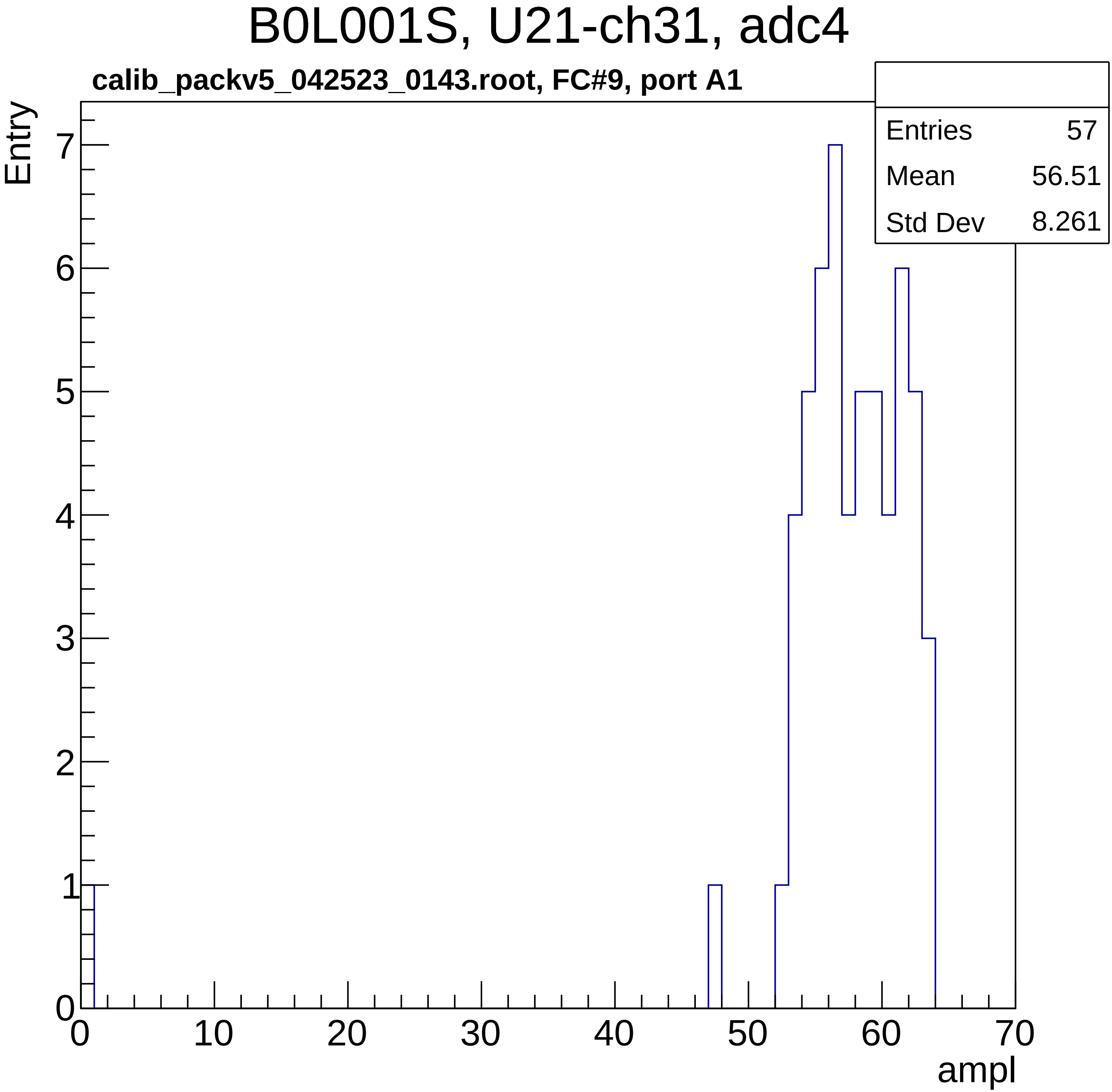

B0L001S, U21-ch31, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 31.89
Std Dev 3.296
Gaus mean : 32.0315
Gaus Width: 3.2833
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

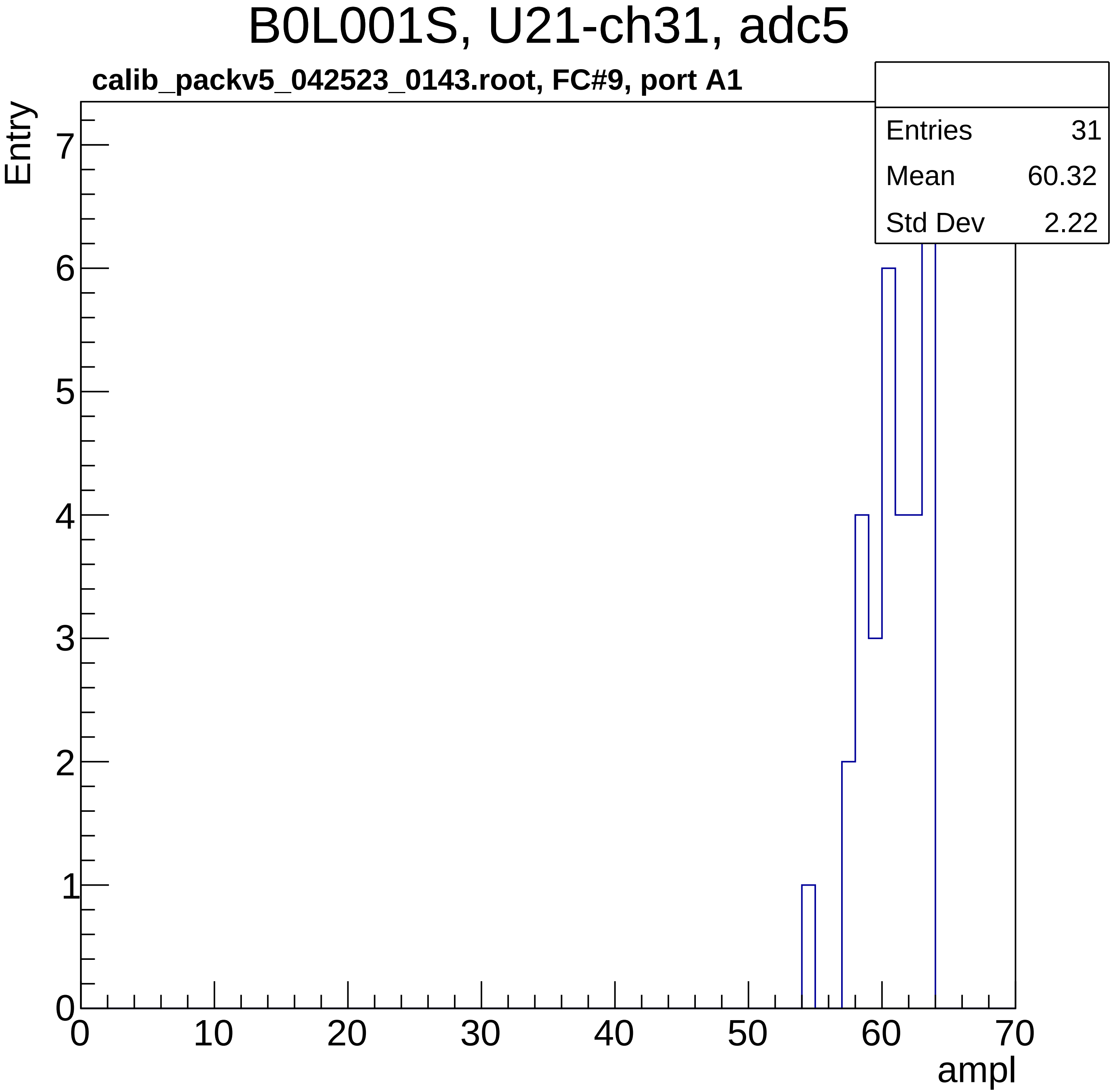

B0L001S, U21-ch31, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 38.91
Std Dev 3.216
Gaus mean : 39.1844
Gaus Width: 3.5402
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

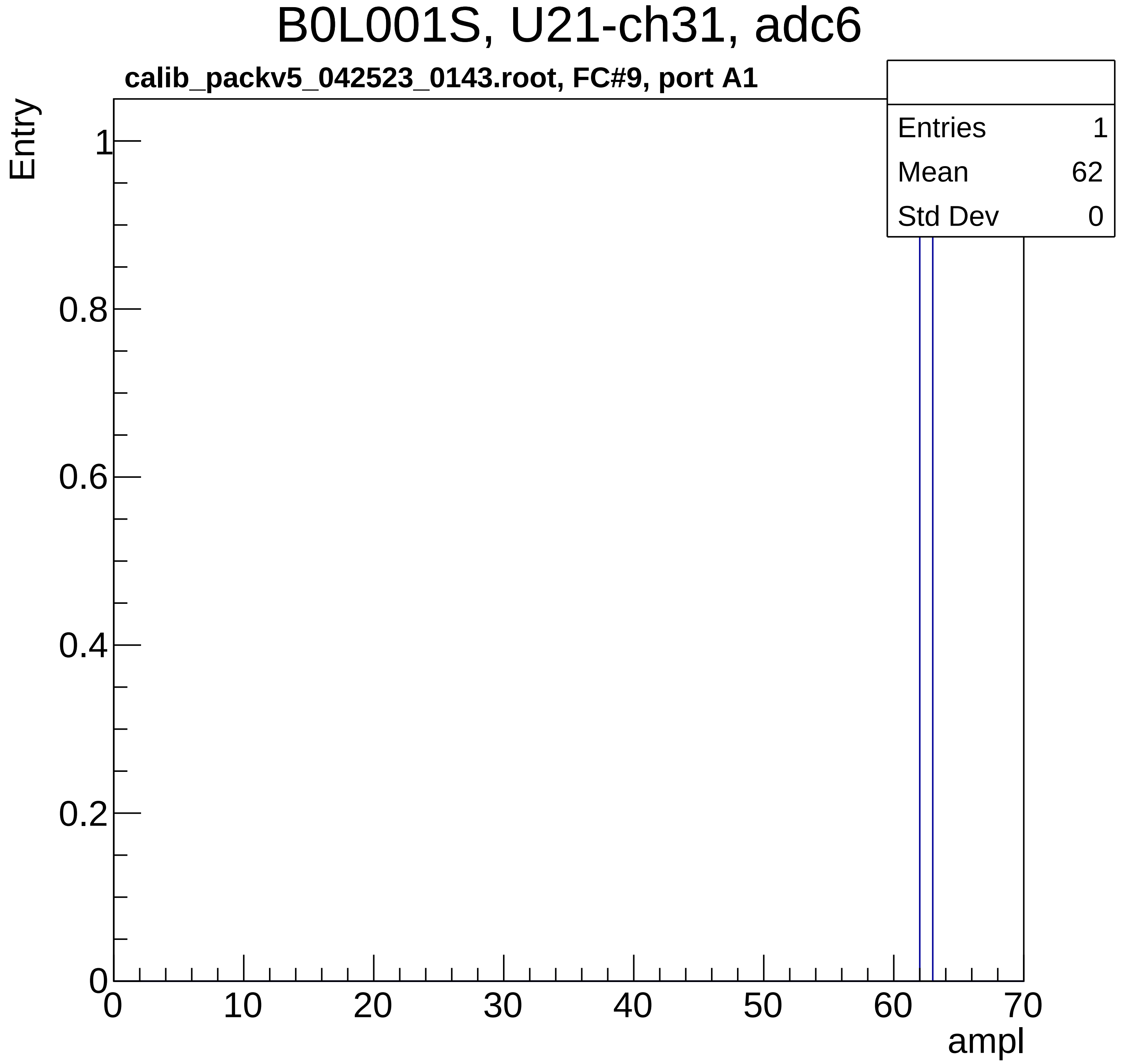

B0L001S, U21-ch31, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 45.4
Std Dev 3.338
Gaus mean : 45.8114
Gaus Width: 3.3177
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

B0L001S, U21-ch31, adc3

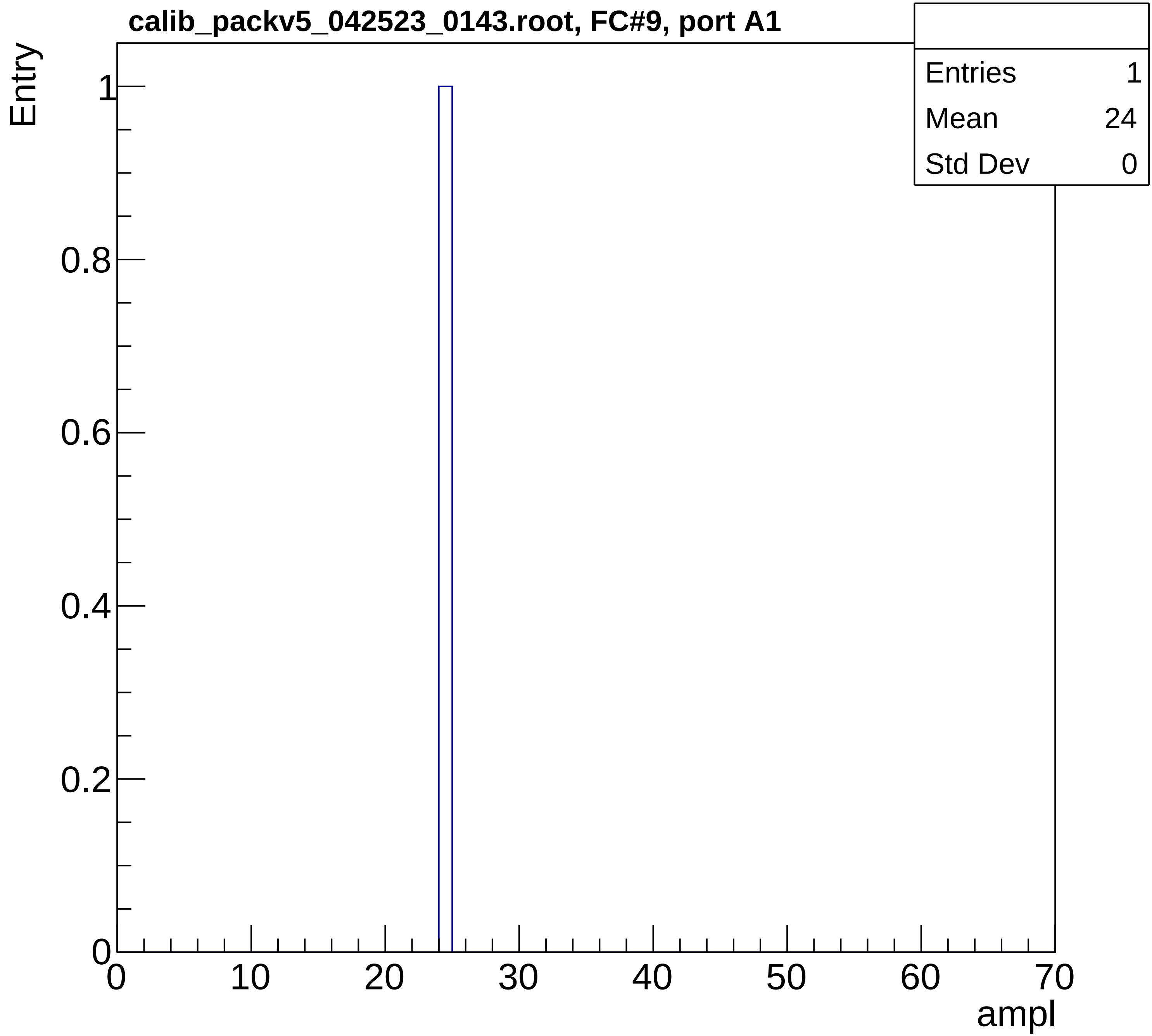


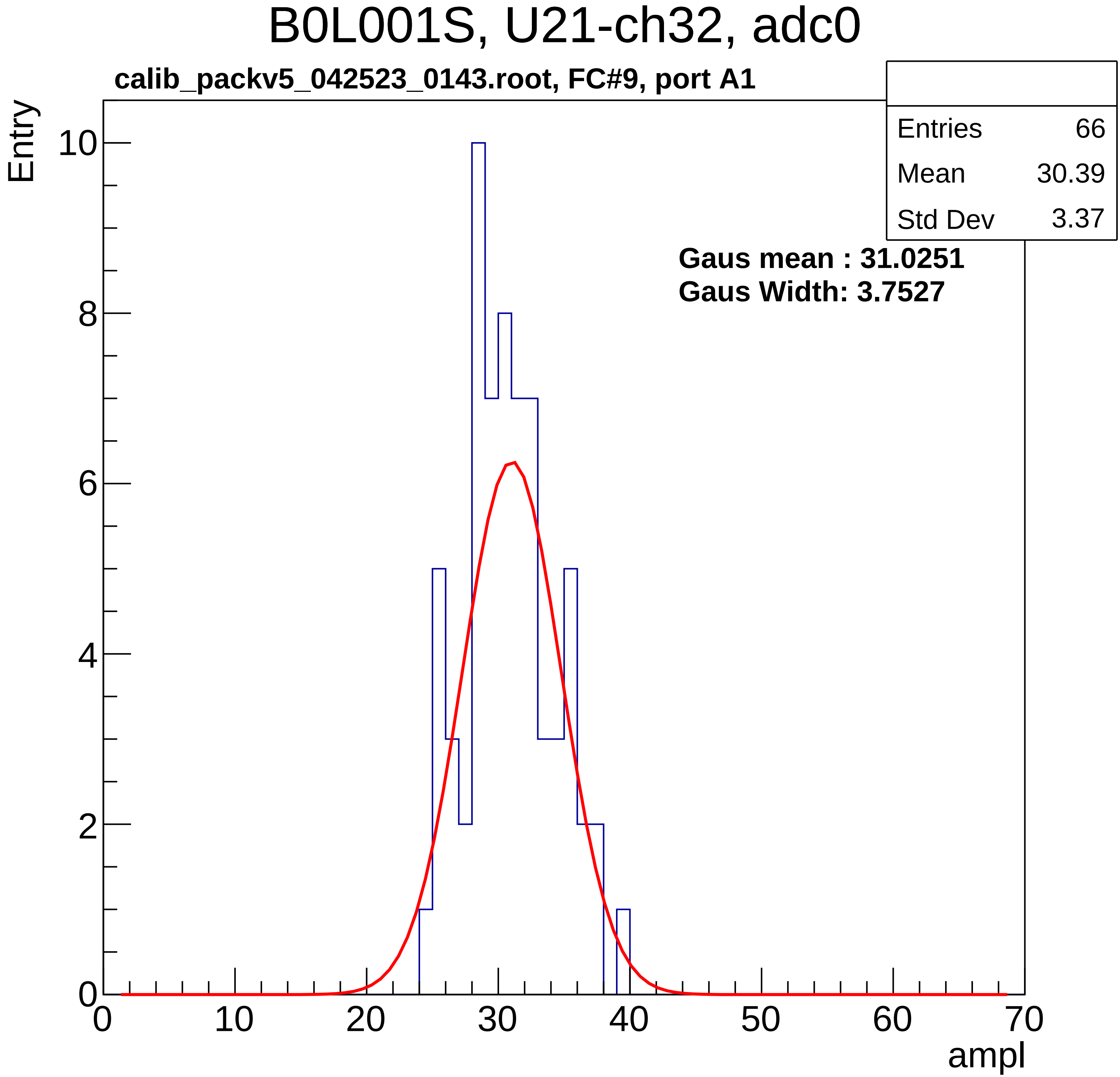

B0L001S, U21-ch31, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.51
Std Dev 8.261
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

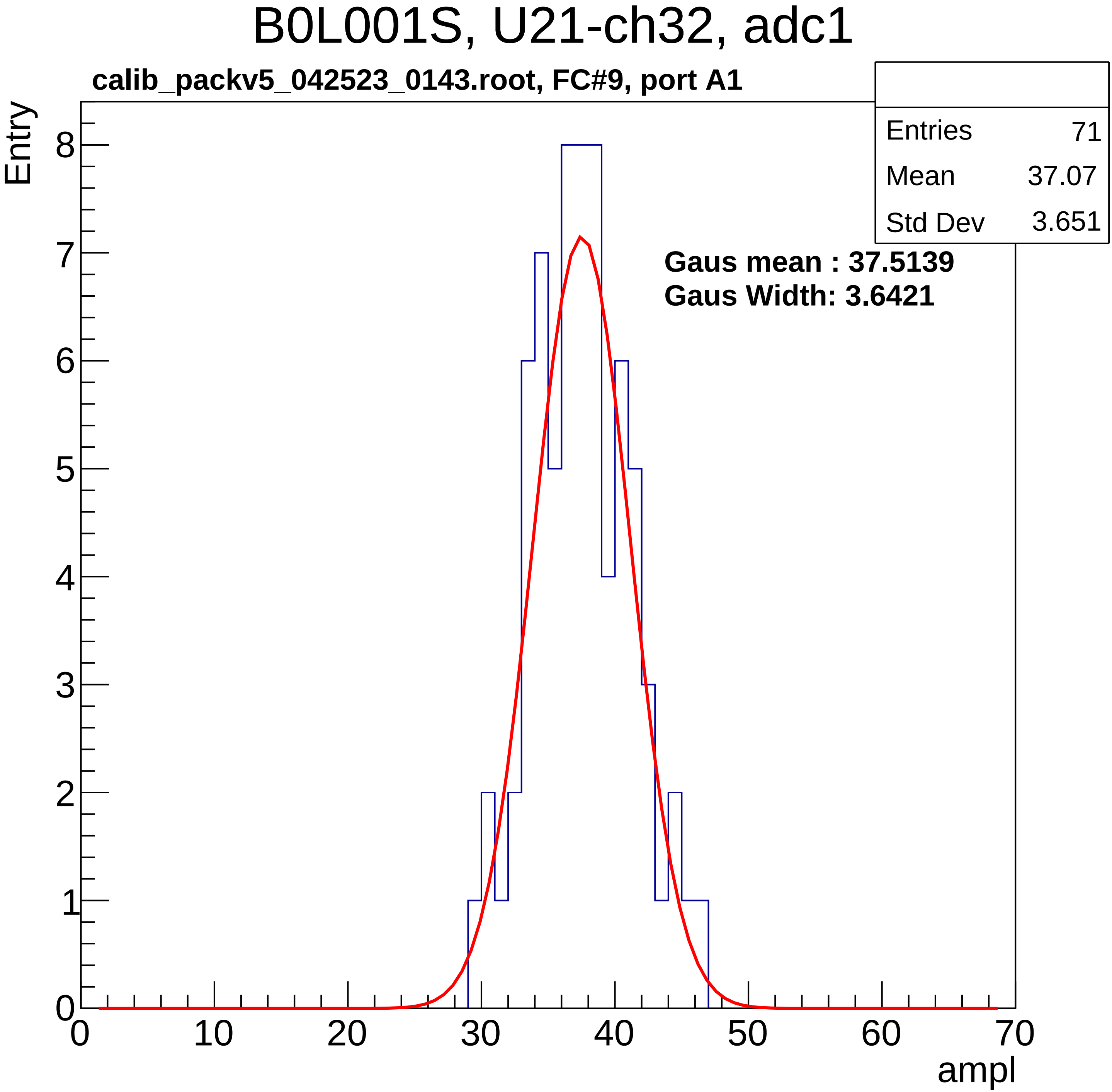

B0L001S, U21-ch31, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 31
Mean 60.32
Std Dev 2.22
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

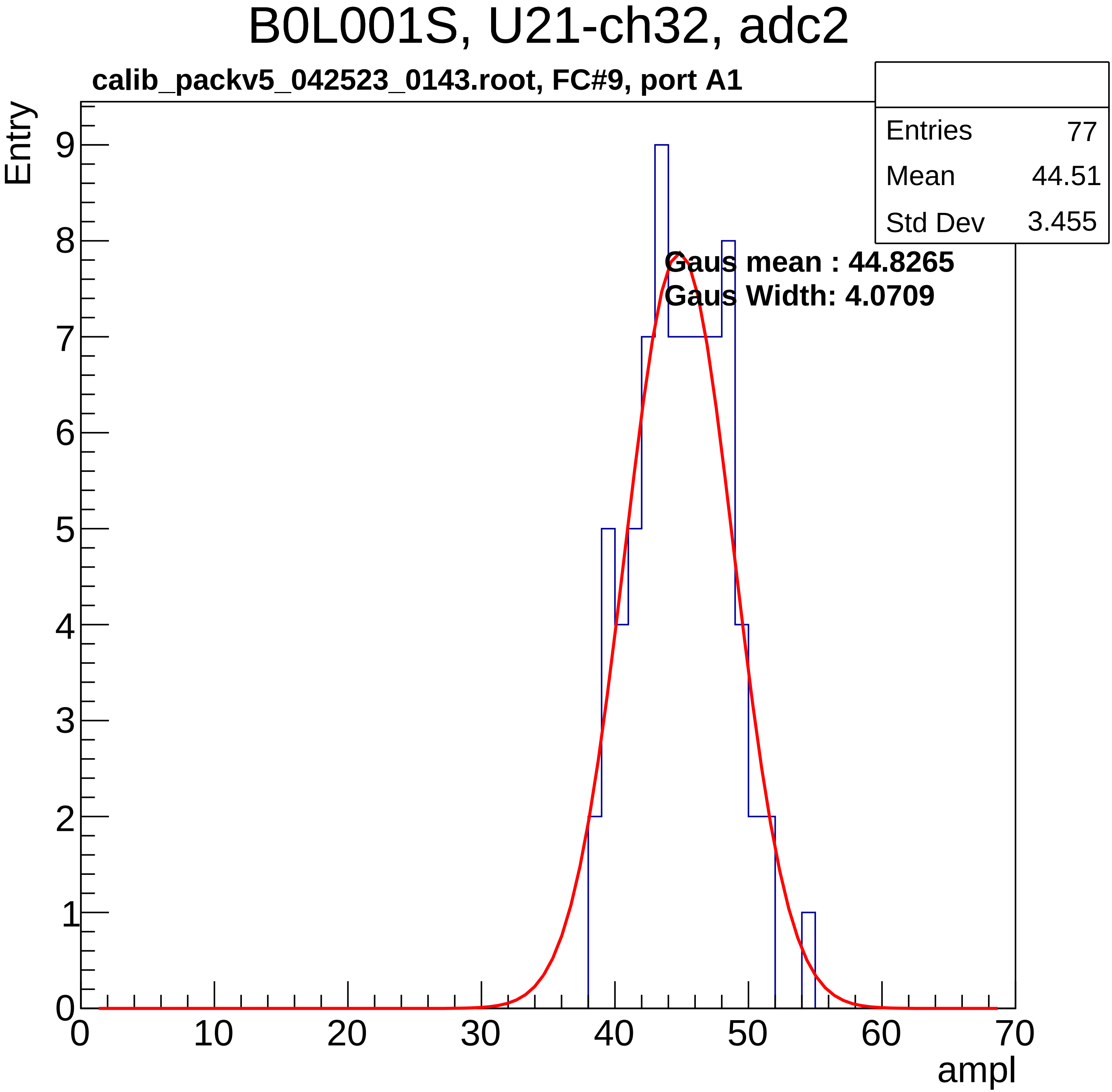

B0L001S, U21-ch31, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 1
Mean 62
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

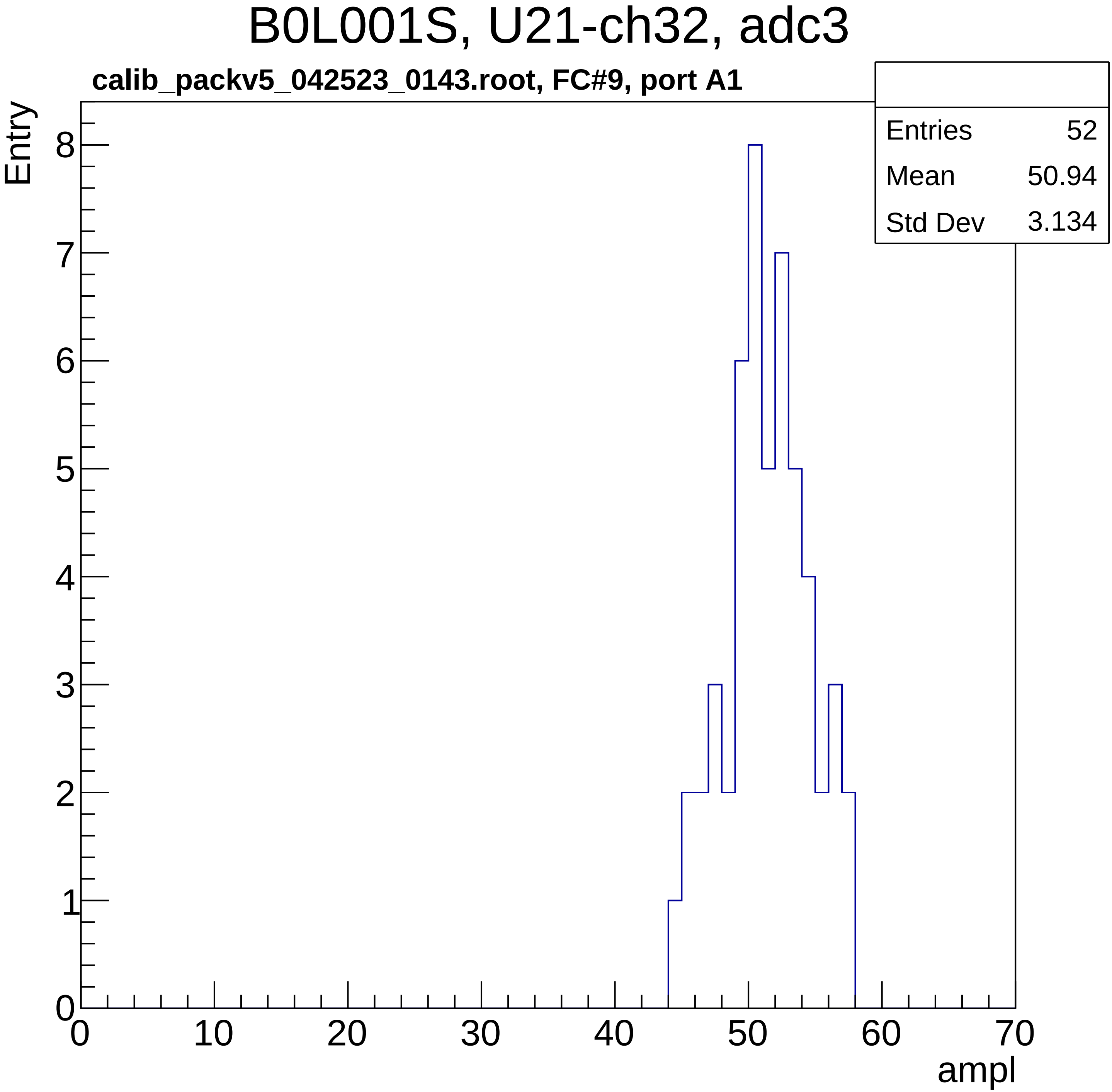
B0L001S, U21-ch31, adc7

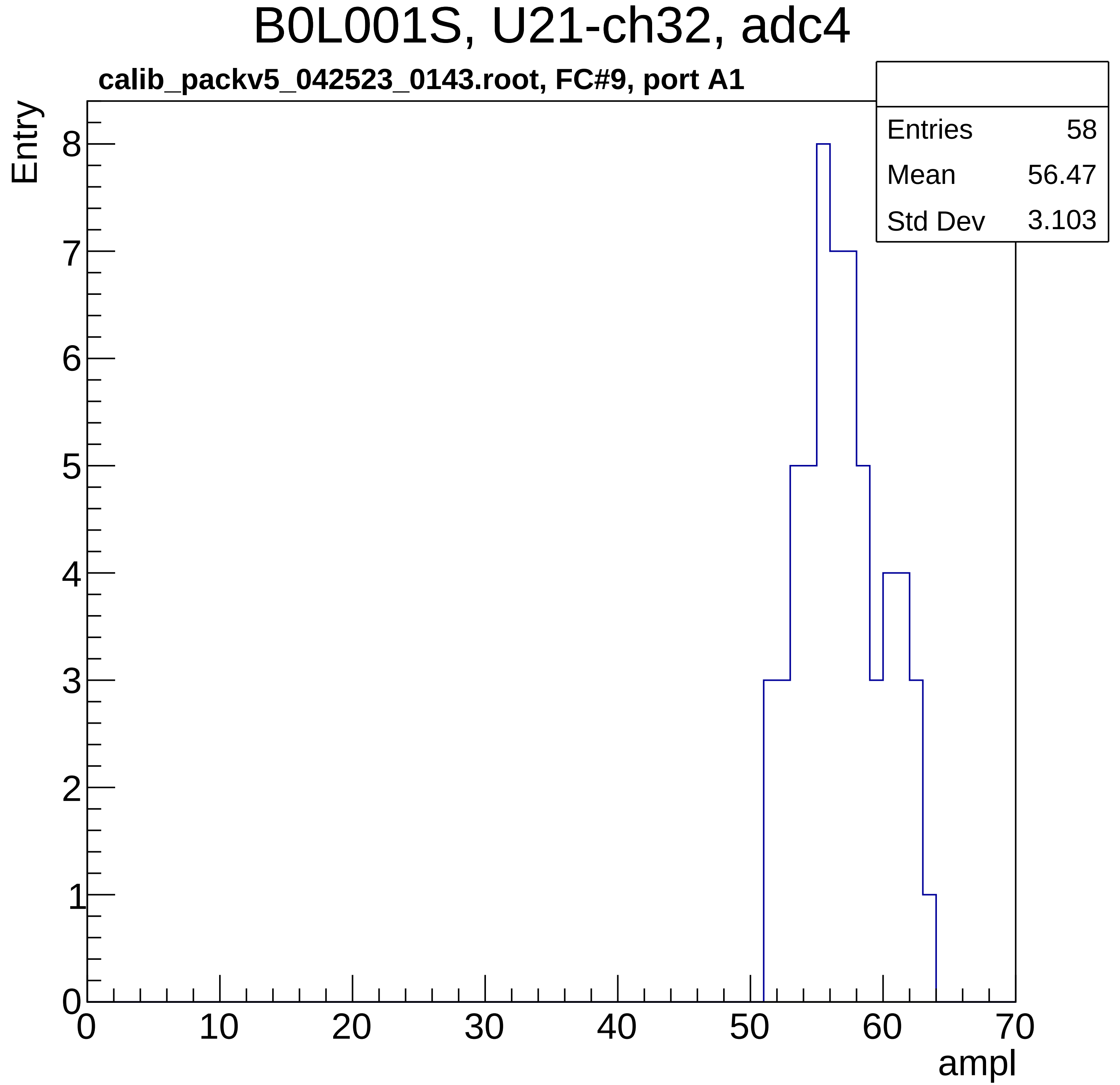


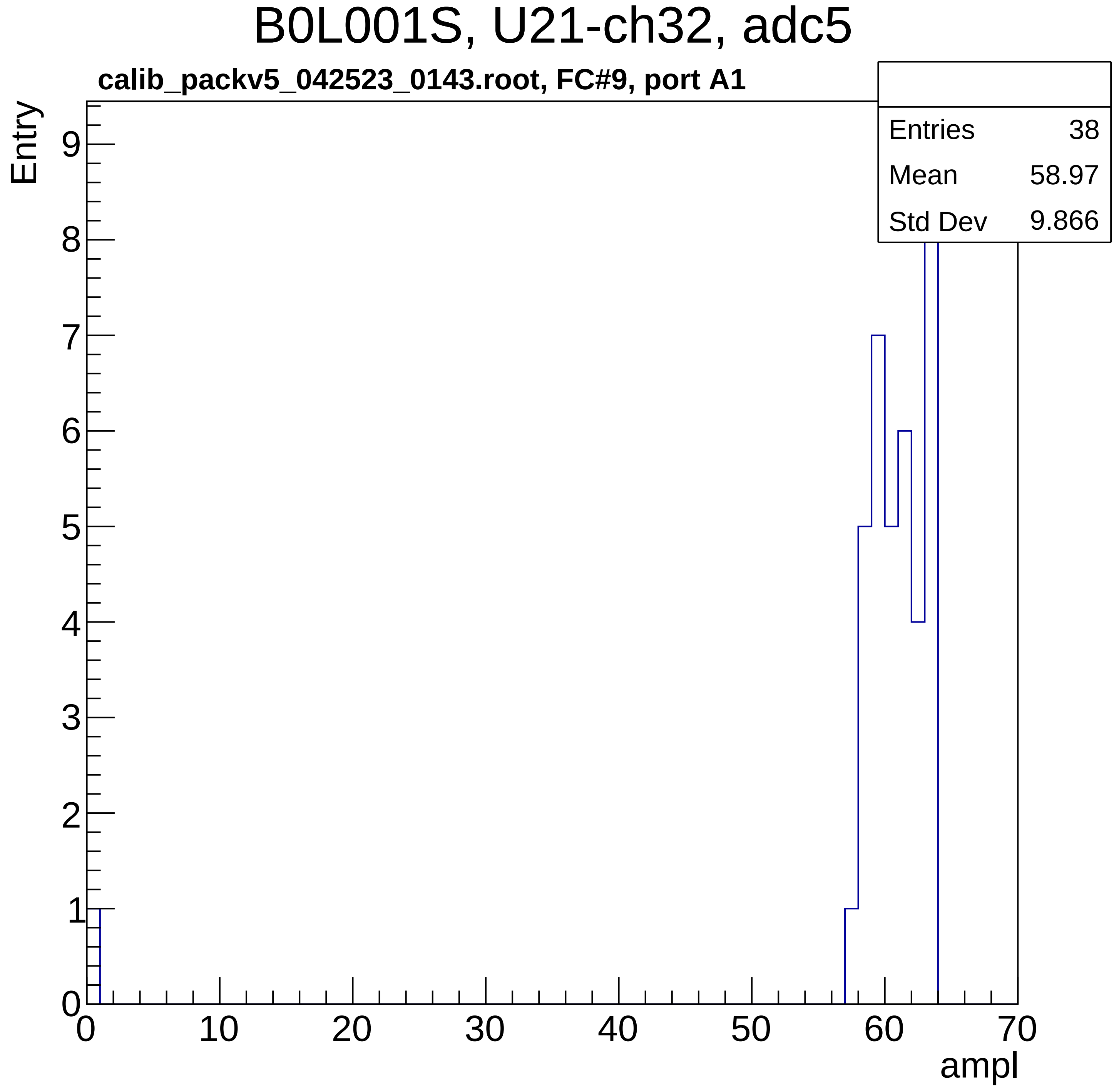

B0L001S, U21-ch32, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 30.39
Std Dev 3.37
Gaus mean : 31.0251
Gaus Width: 3.7527
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

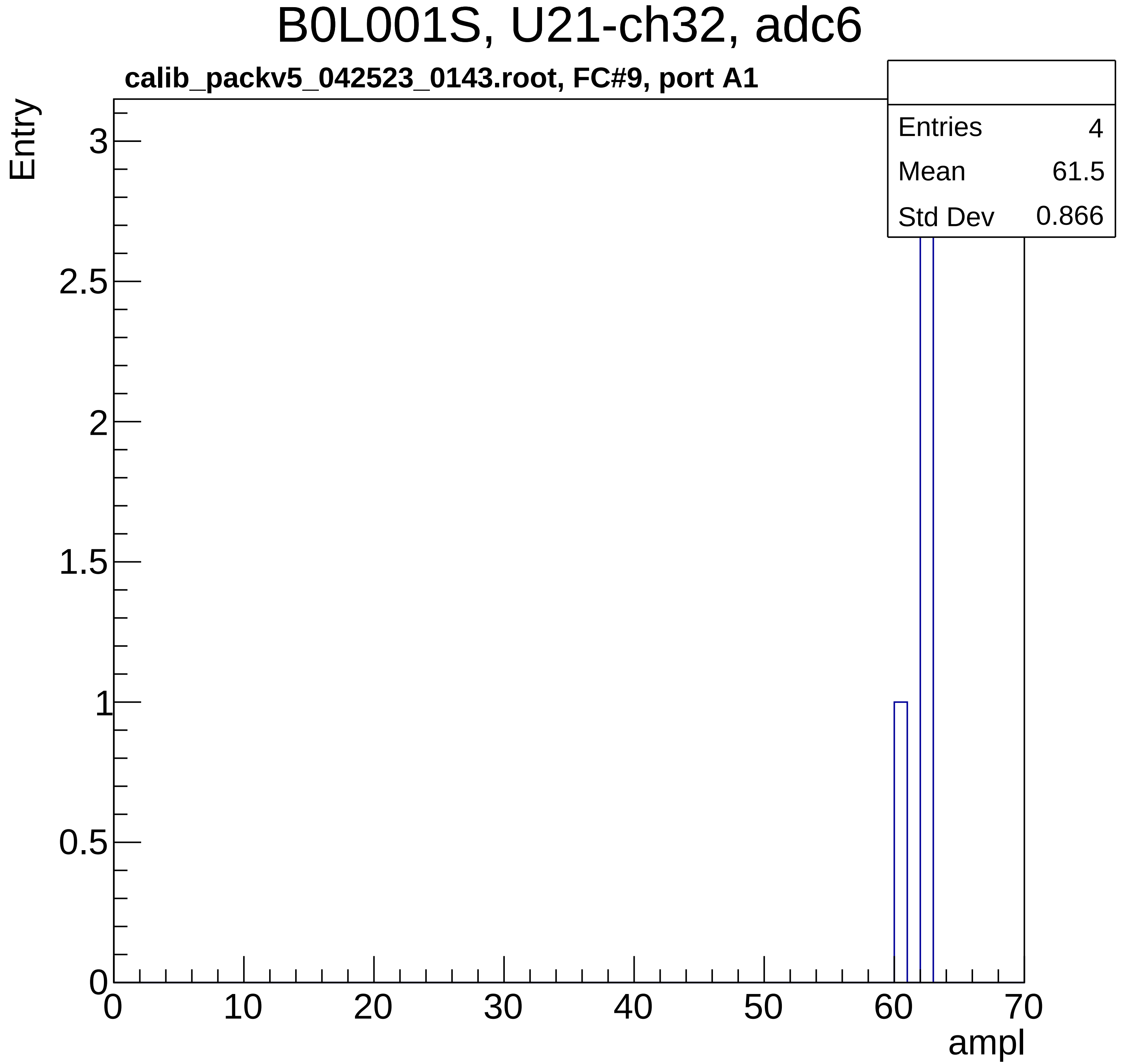

B0L001S, U21-ch32, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.07
Std Dev 3.651
Gaus mean : 37.5139
Gaus Width: 3.6421
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch32, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 44.51
Std Dev 3.455
Gaus mean : 44.8265
Gaus Width: 4.0709
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch32, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 50.94
Std Dev 3.134
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

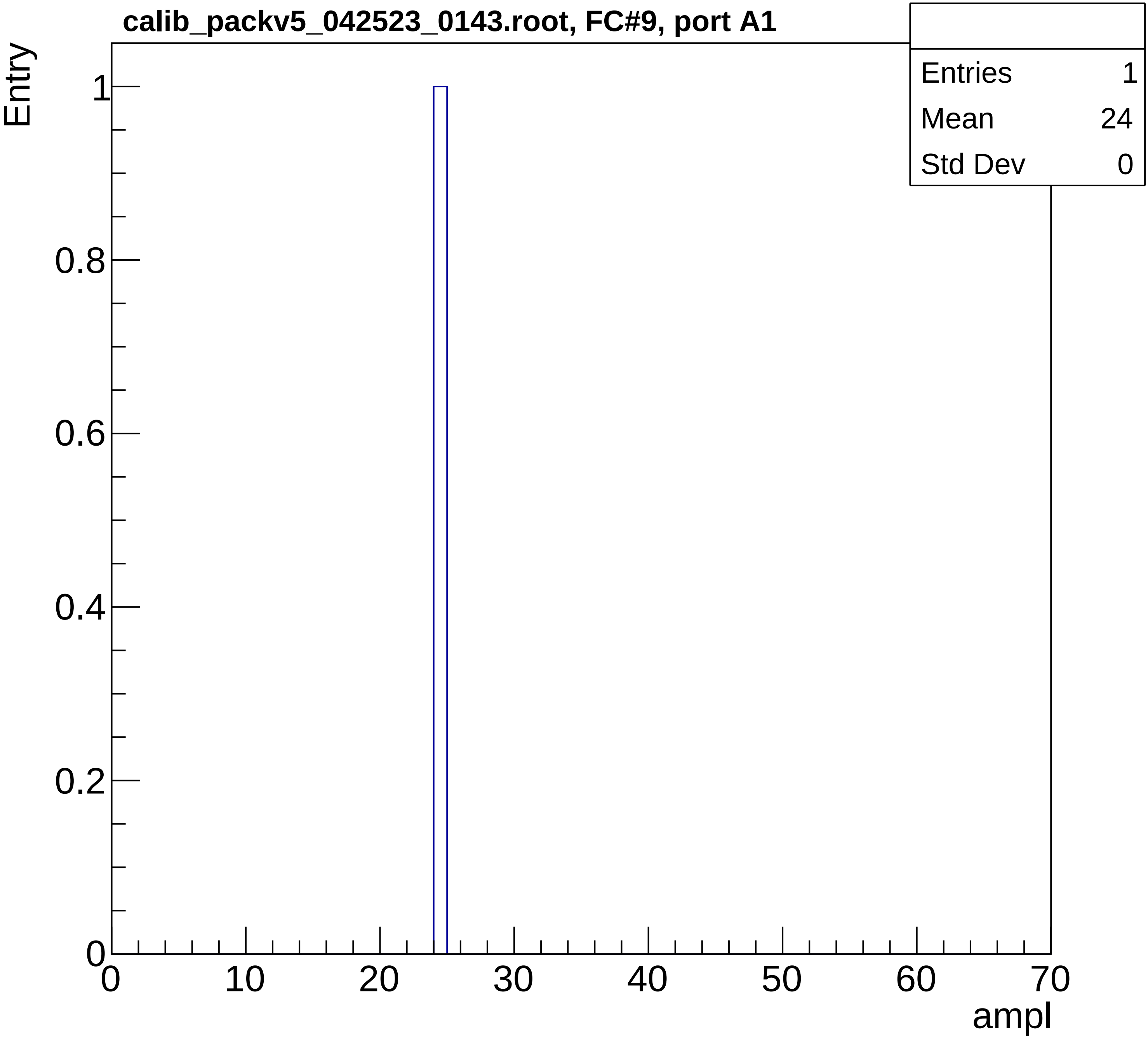

B0L001S, U21-ch32, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 56.47
Std Dev 3.103
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

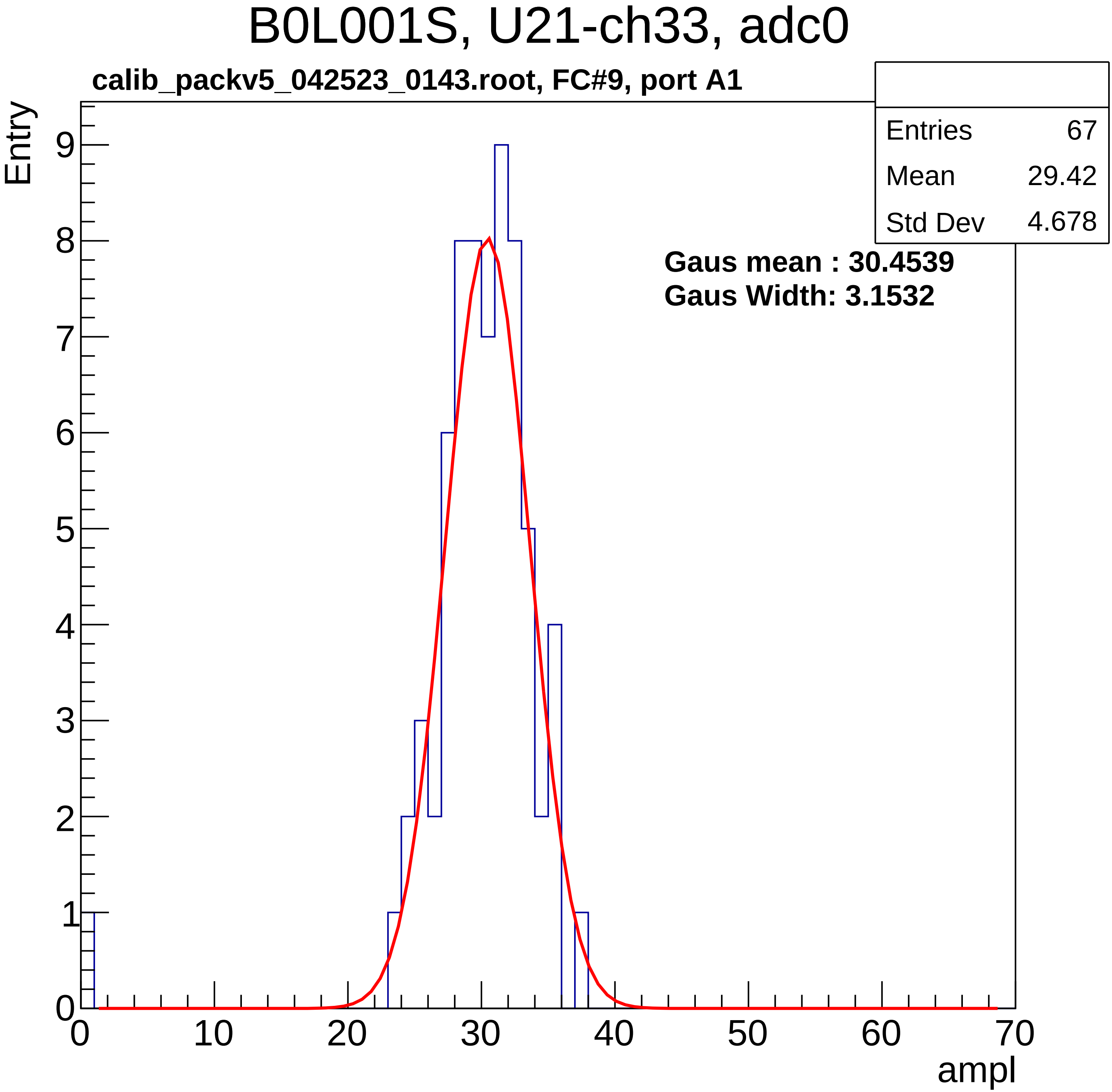

B0L001S, U21-ch32, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.97
Std Dev 9.866
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

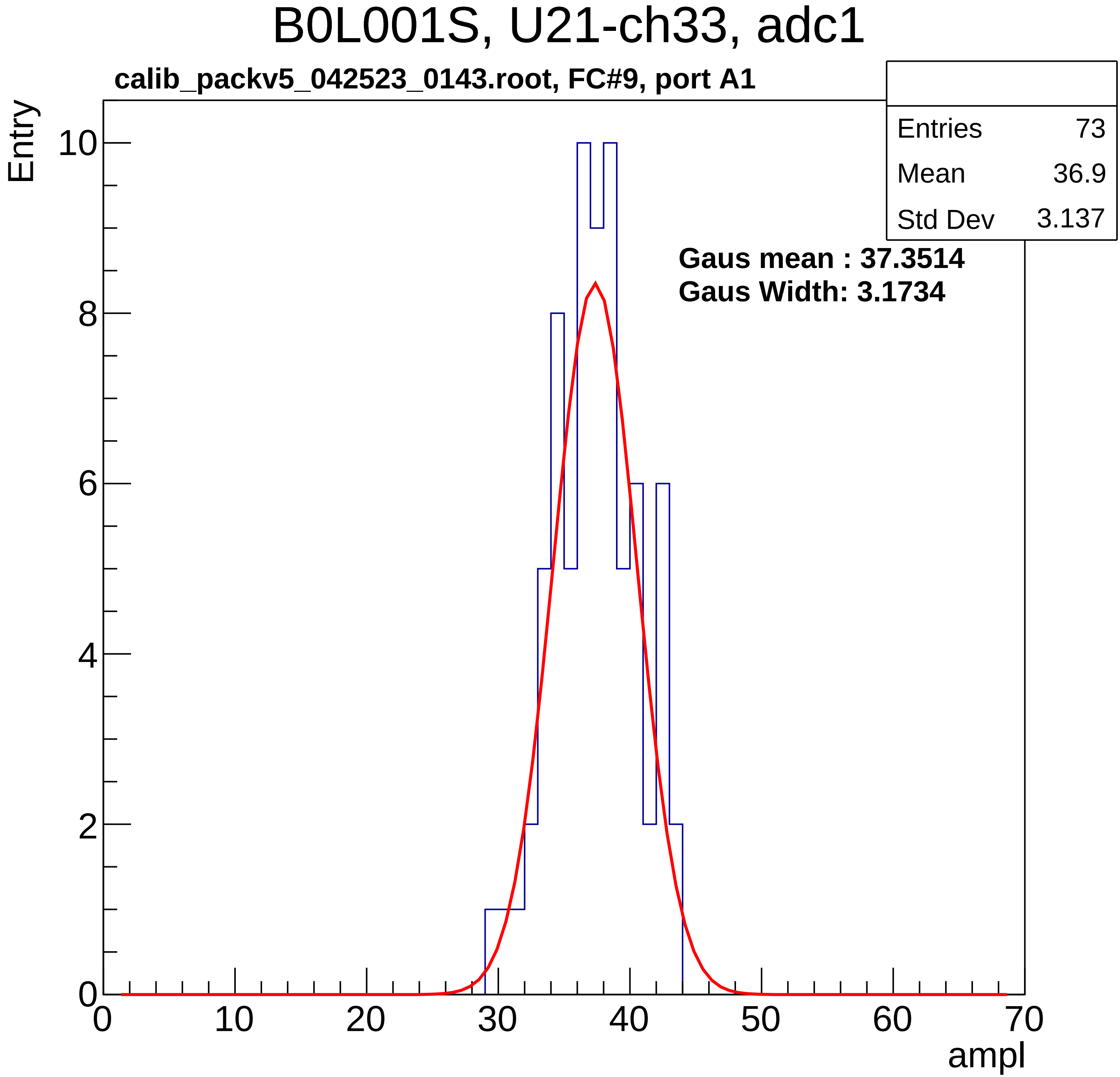

B0L001S, U21-ch32, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 61.5
Std Dev 0.866
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

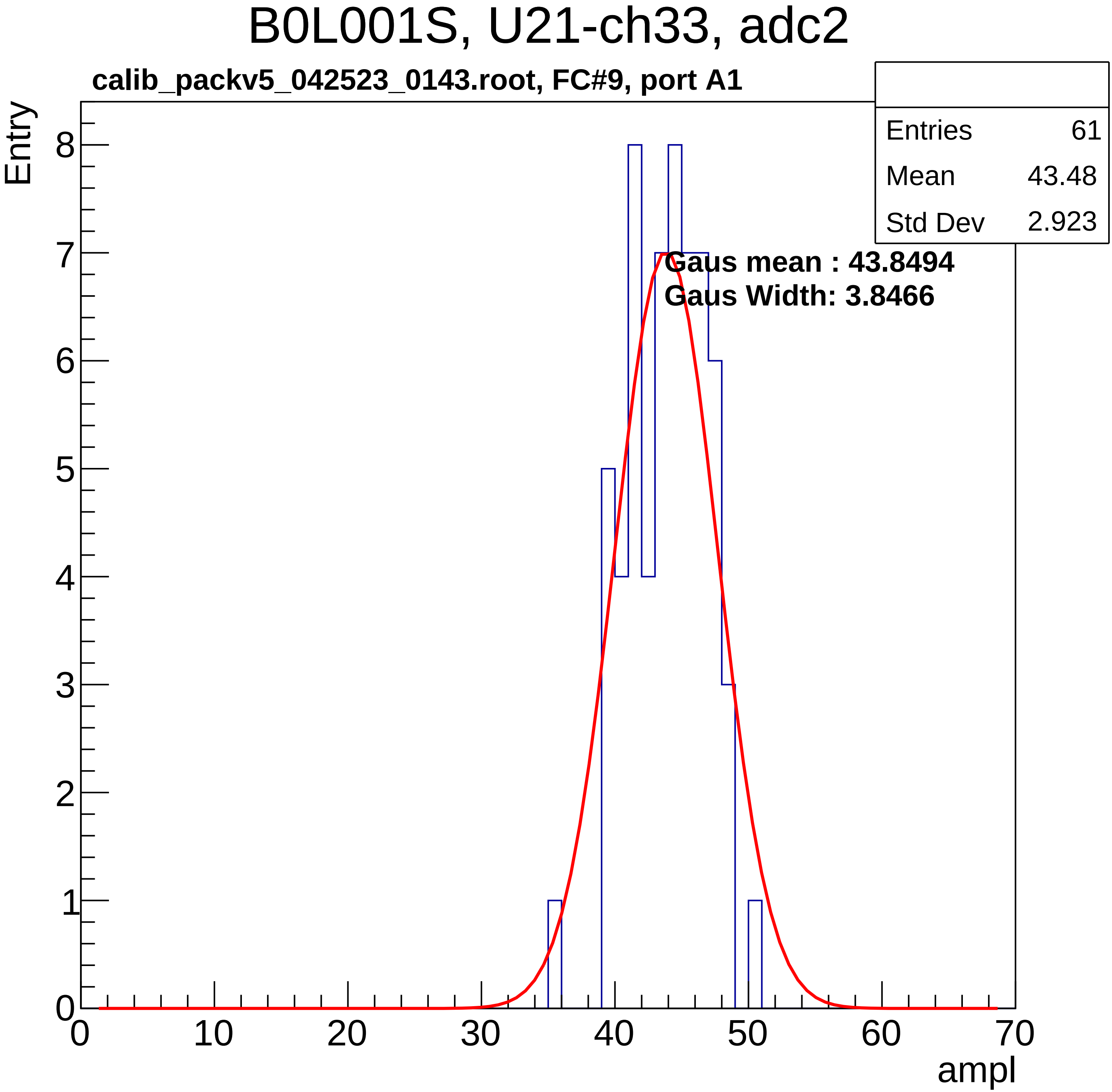
B0L001S, U21-ch32, adc7

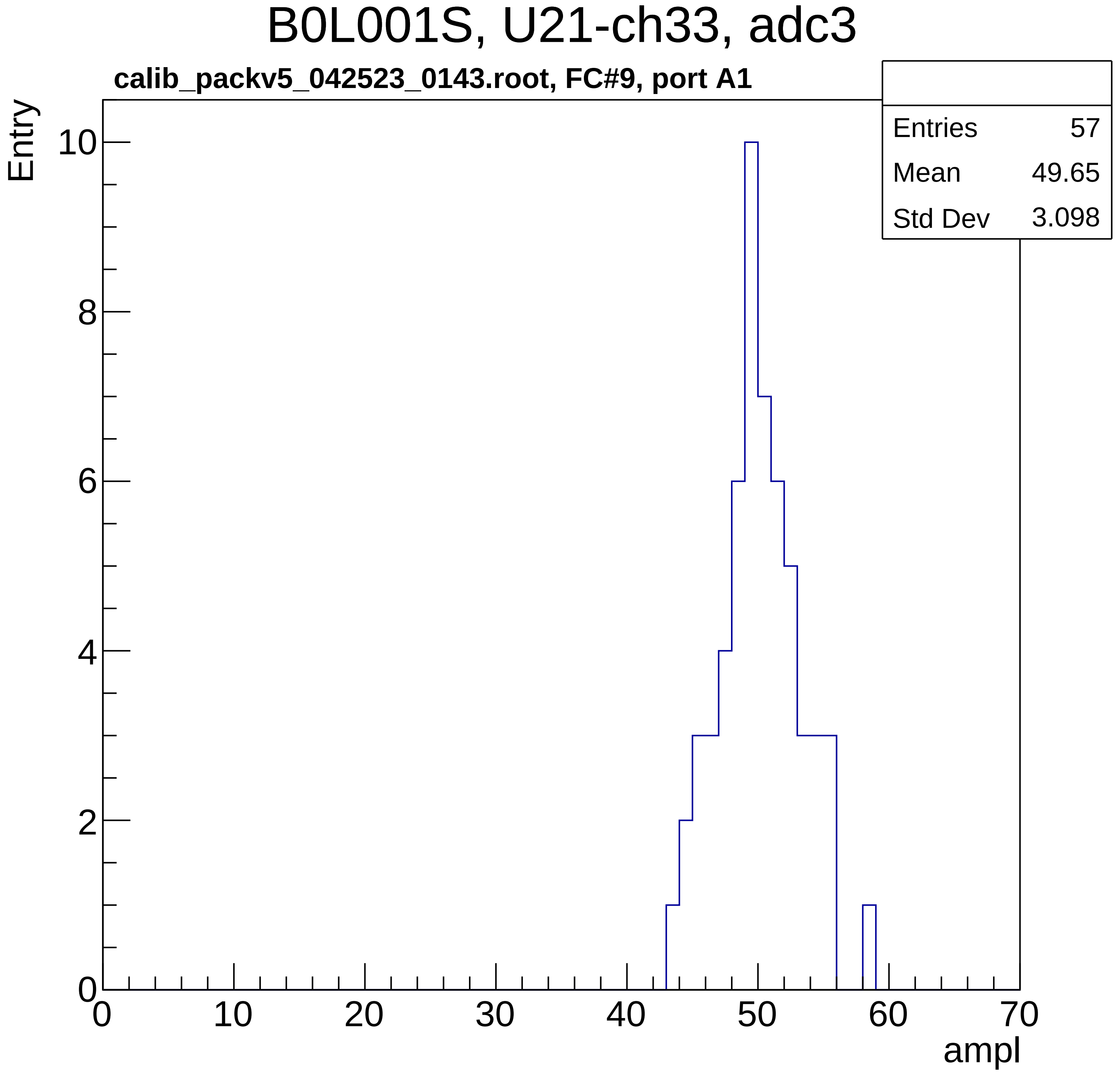
calib_packv5_042523_0143.root, FC#9, port A1

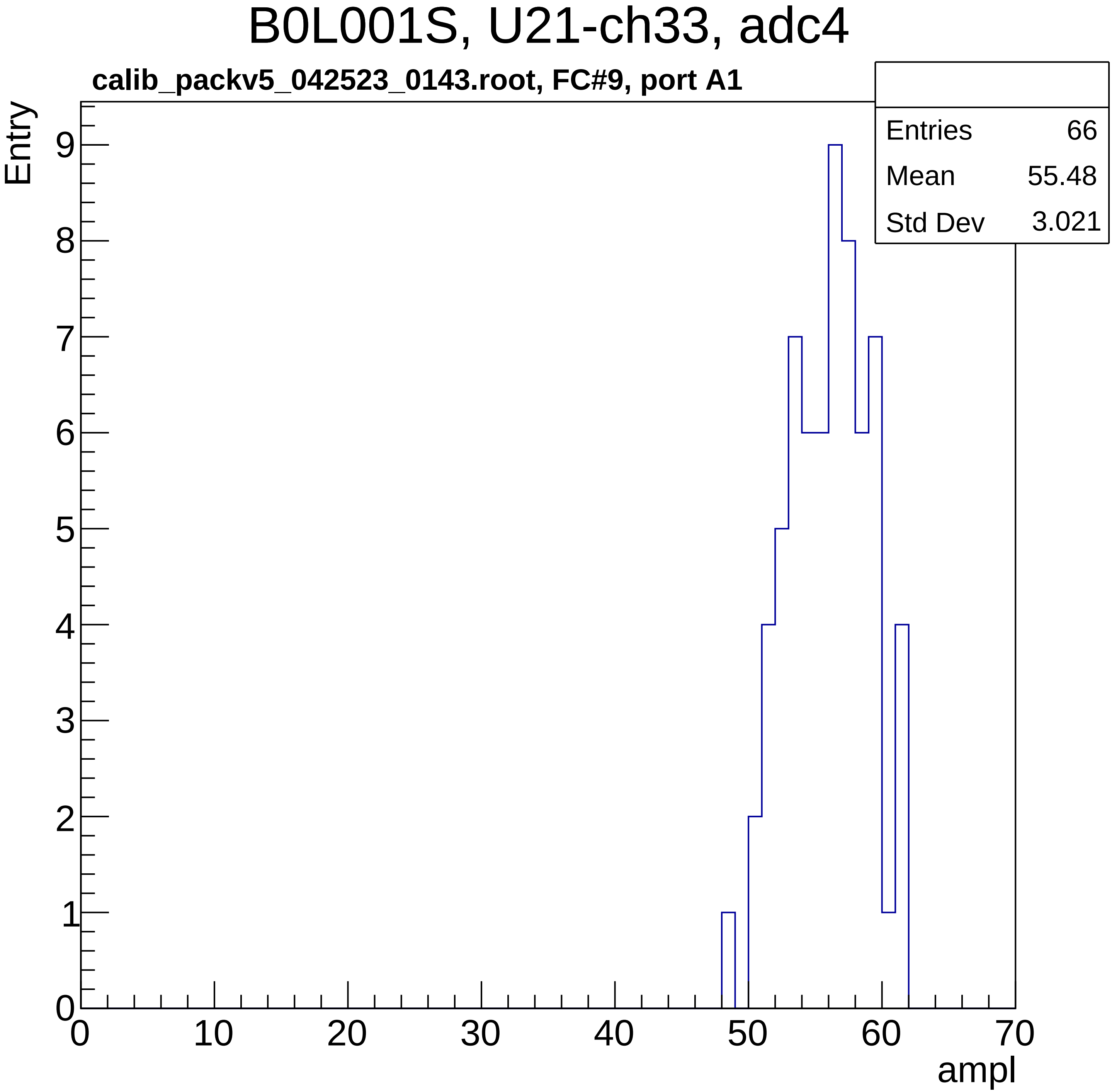


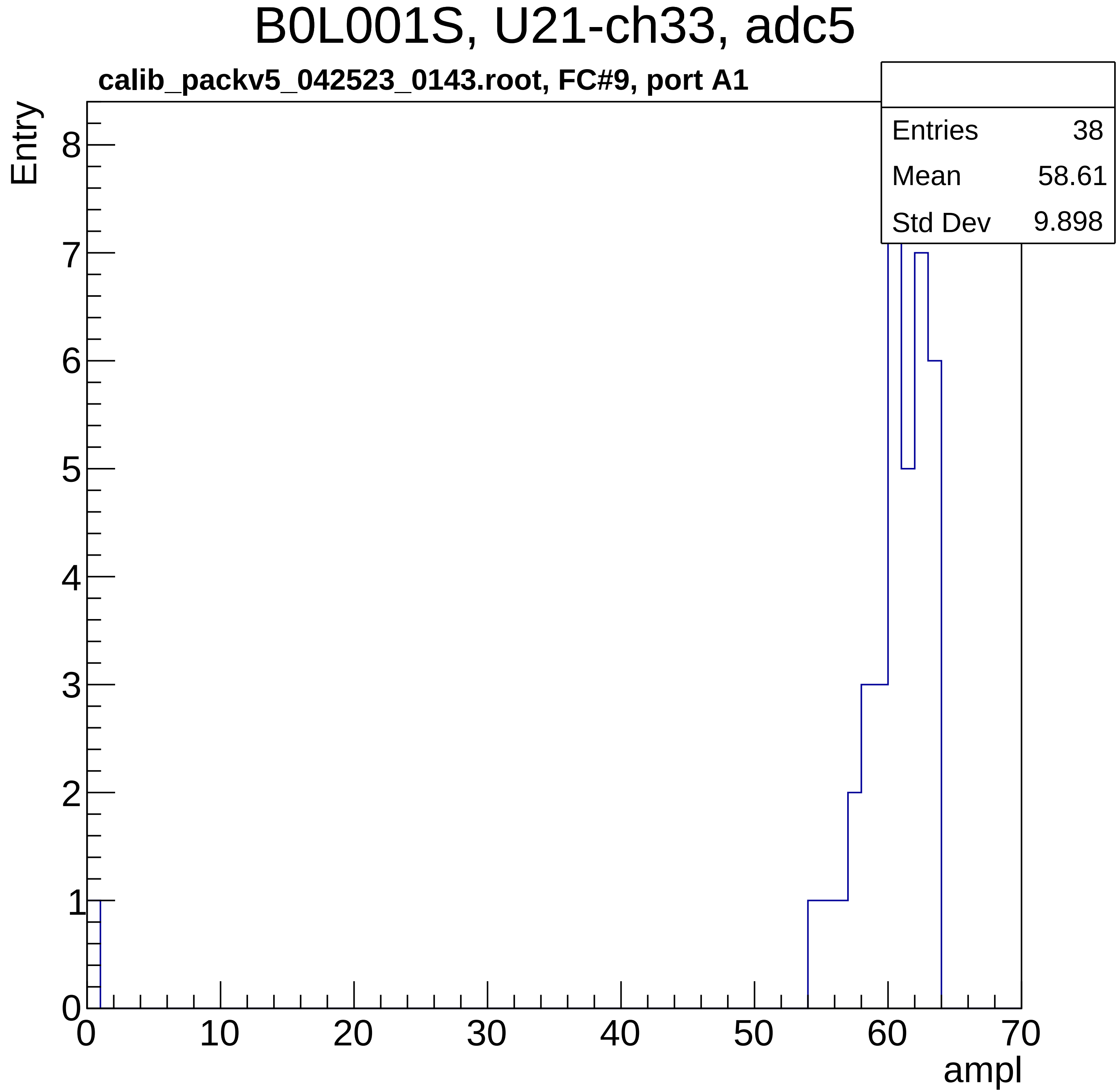

B0L001S, U21-ch33, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 29.42
Std Dev 4.678
Gaus mean : 30.4539
Gaus Width: 3.1532
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch33, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 36.9
Std Dev 3.137
Gaus mean : 37.3514
Gaus Width: 3.1734
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

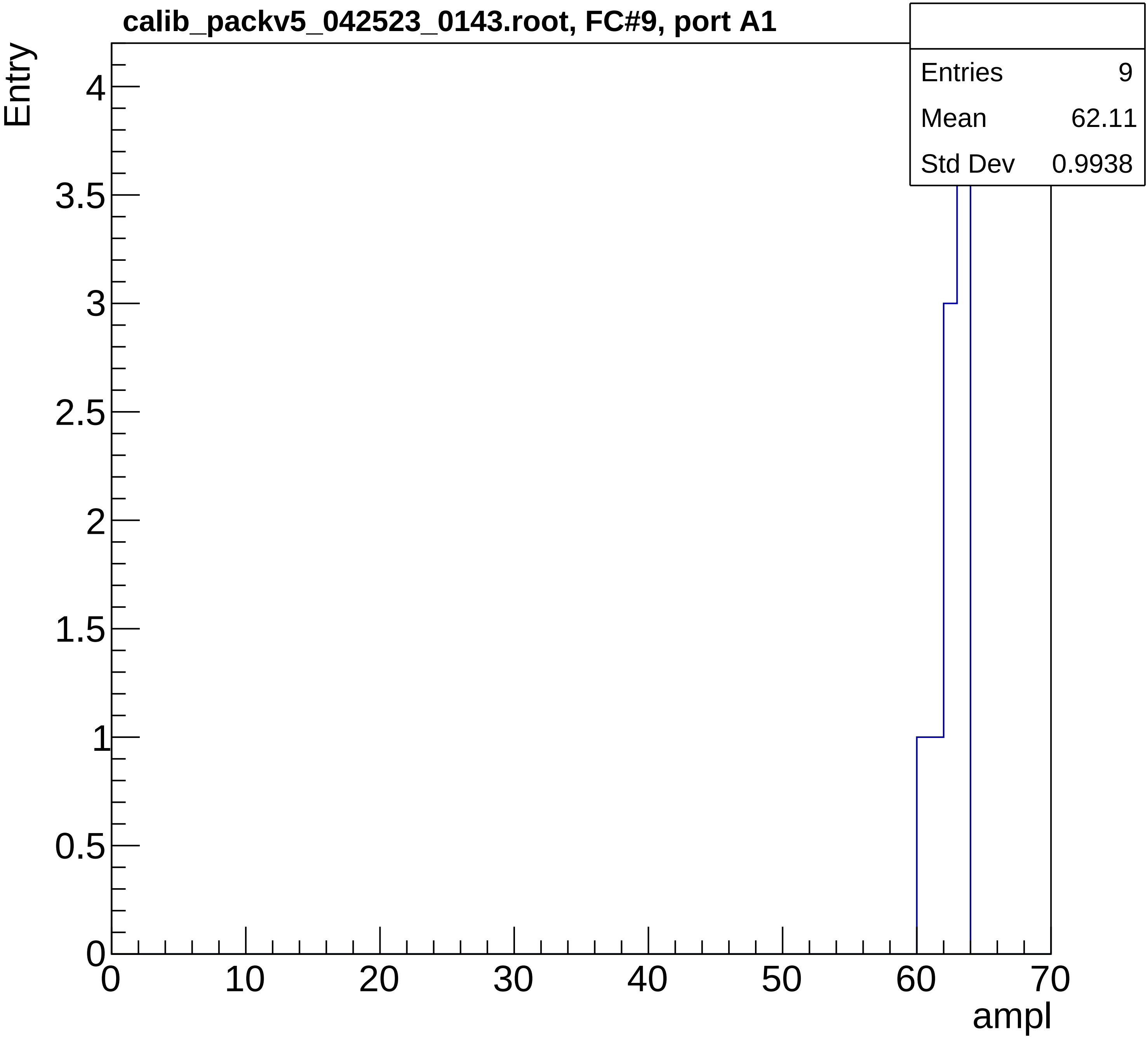

B0L001S, U21-ch33, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 43.48
Std Dev 2.923
Gaus mean : 43.8494
Gaus Width: 3.8466
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

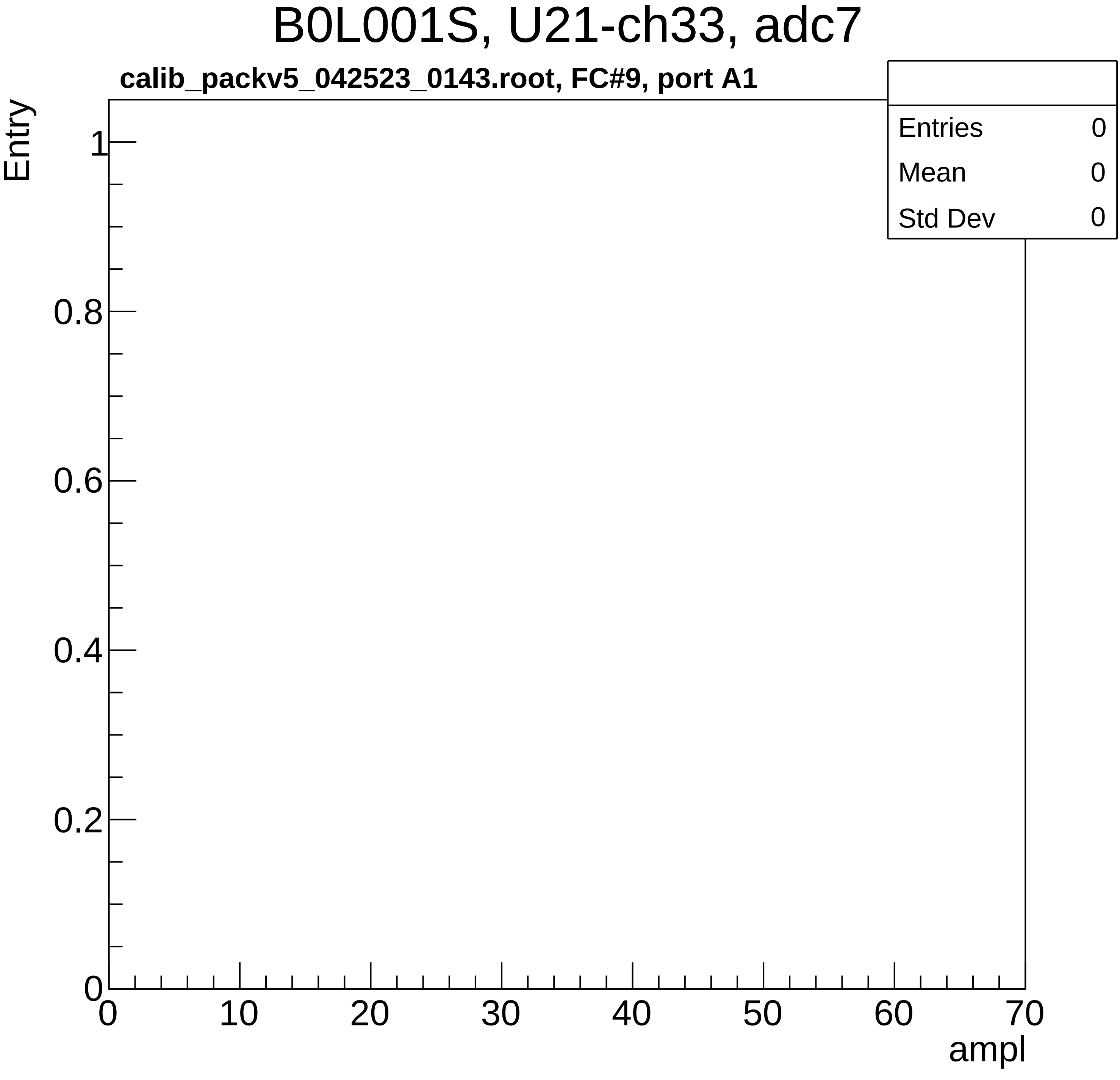

B0L001S, U21-ch33, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 49.65
Std Dev 3.098
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch33, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 55.48
Std Dev 3.021
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch33, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.61
Std Dev 9.898
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

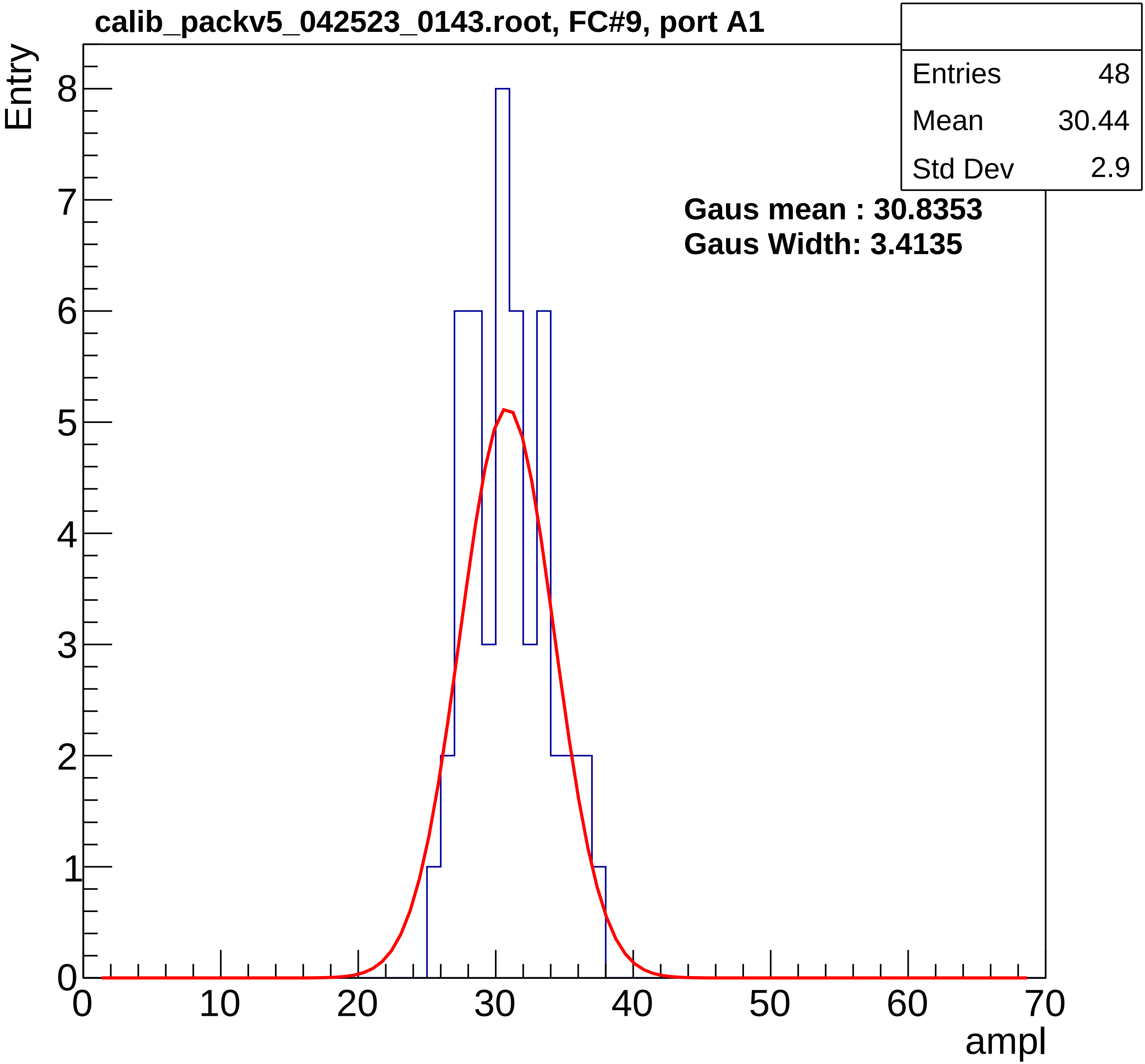
B0L001S, U21-ch33, adc6



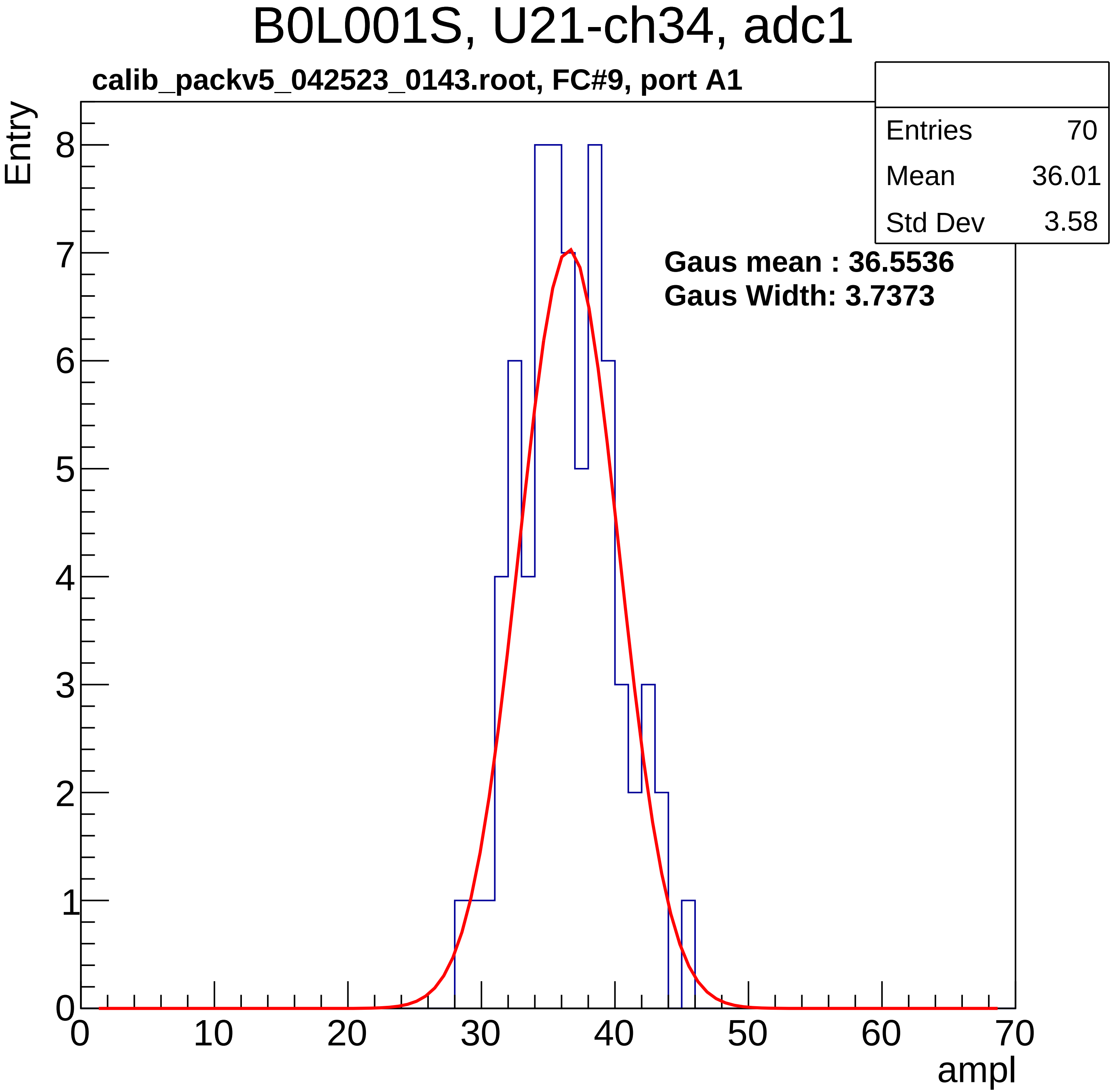

B0L001S, U21-ch33, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

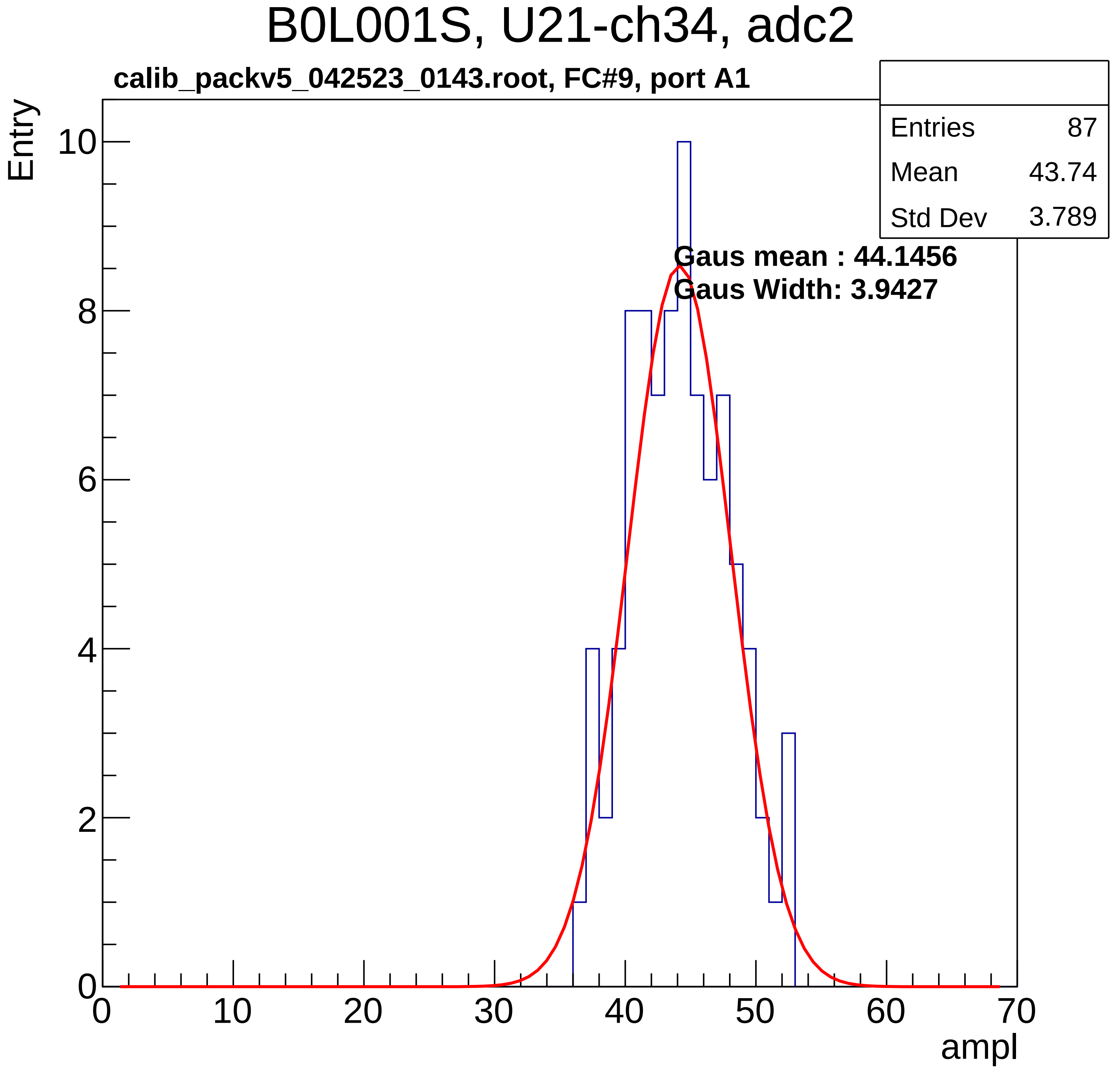
B0L001S, U21-ch34, adc0

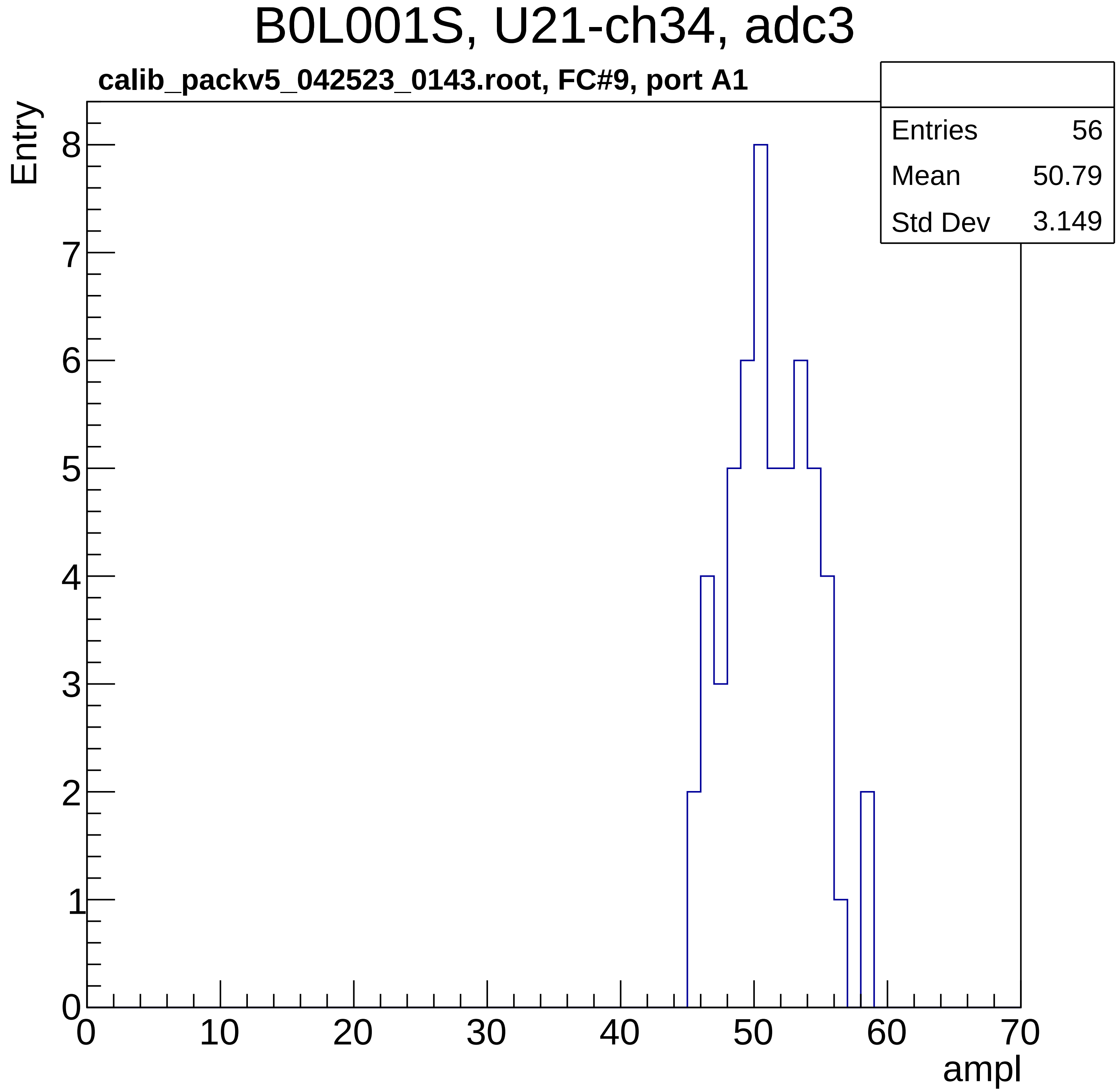
calib_packv5_042523_0143.root, FC#9, port A1



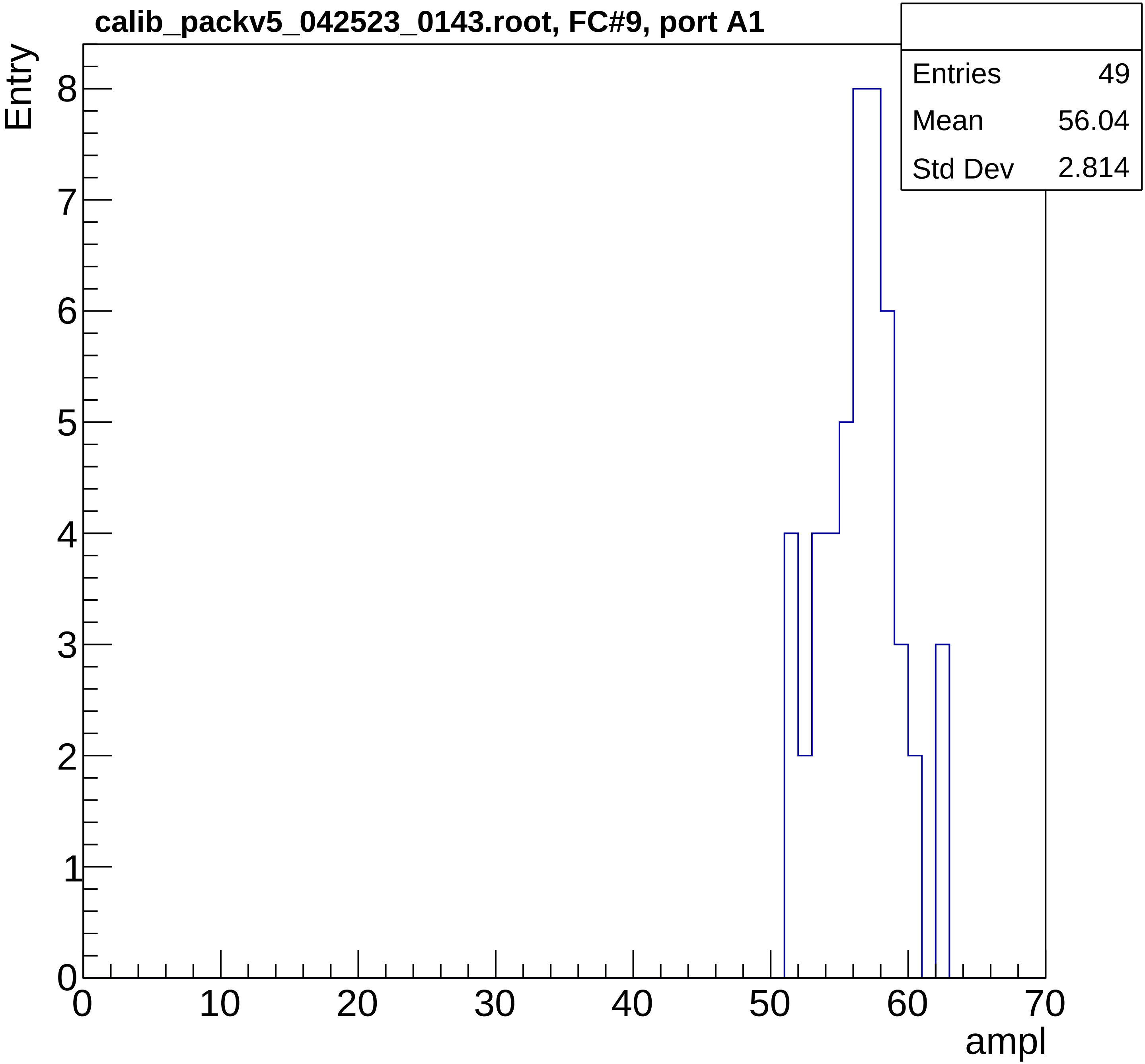
Gaus mean : 30.8353
Gaus Width: 3.4135

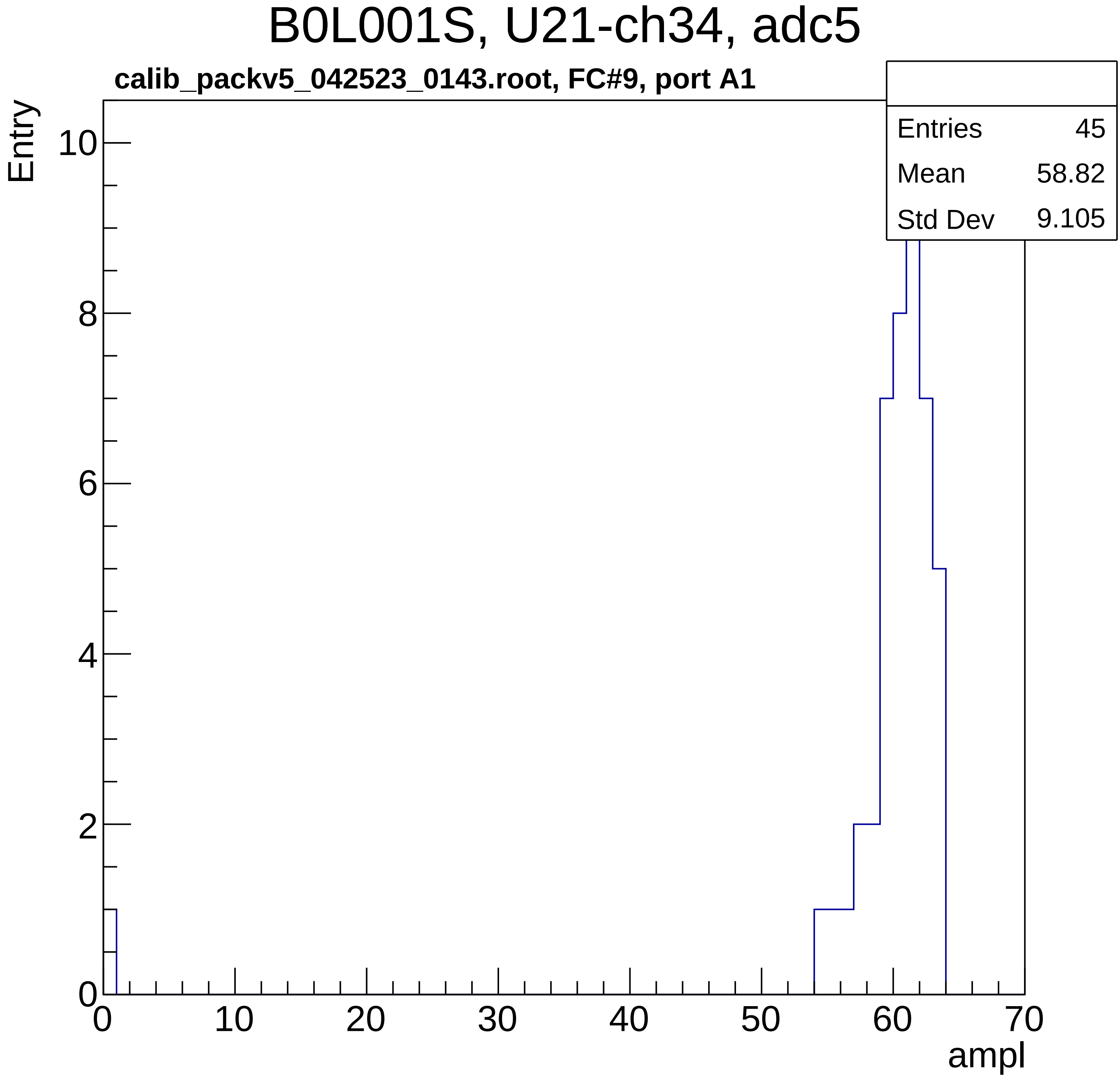

B0L001S, U21-ch34, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 36.01
Std Dev 3.58
Gaus mean : 36.5536
Gaus Width: 3.7373
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch34, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 87
Mean 43.74
Std Dev 3.789
Gaus mean : 44.1456
Gaus Width: 3.9427
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

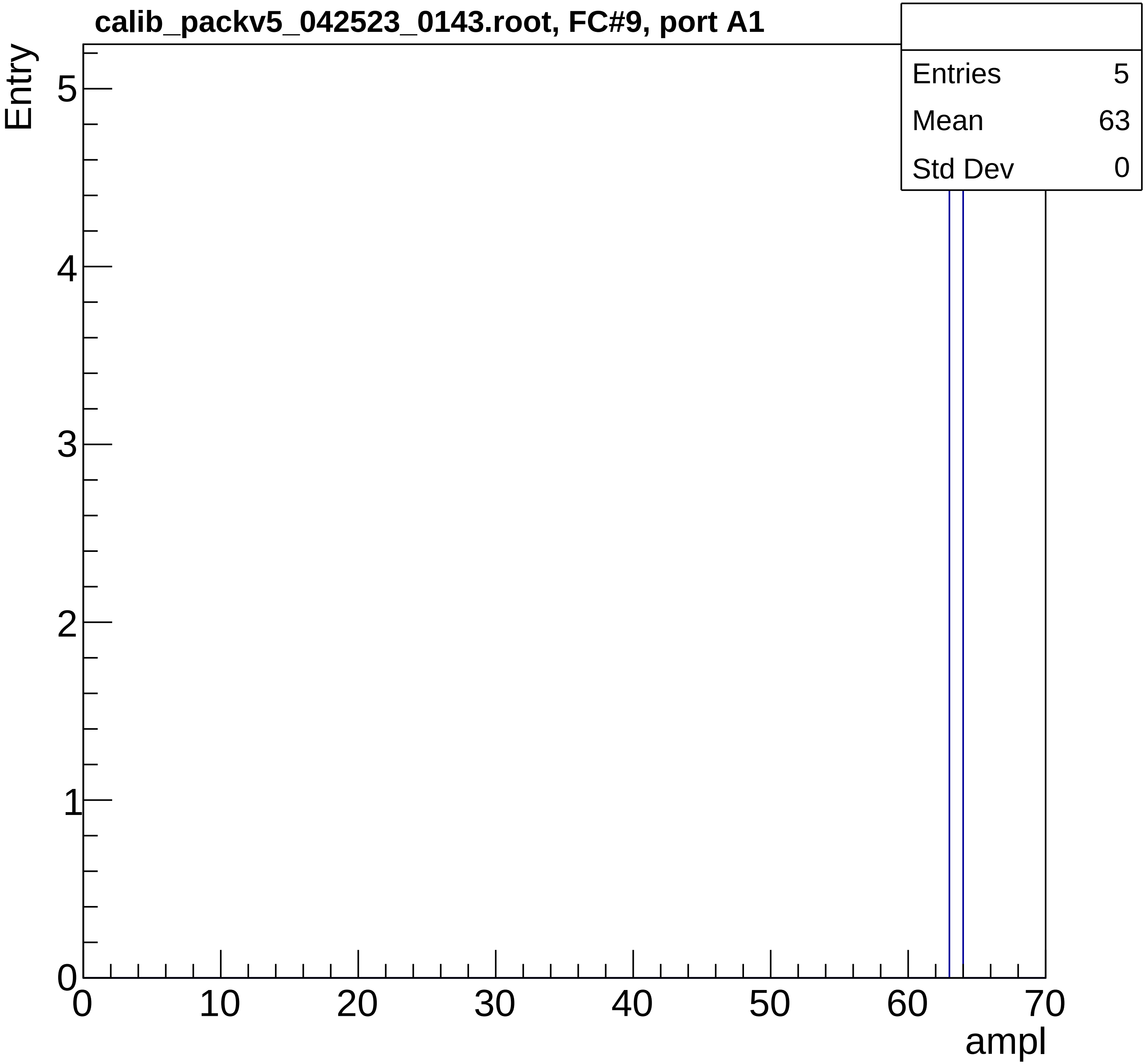

B0L001S, U21-ch34, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 50.79
Std Dev 3.149
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

B0L001S, U21-ch34, adc4

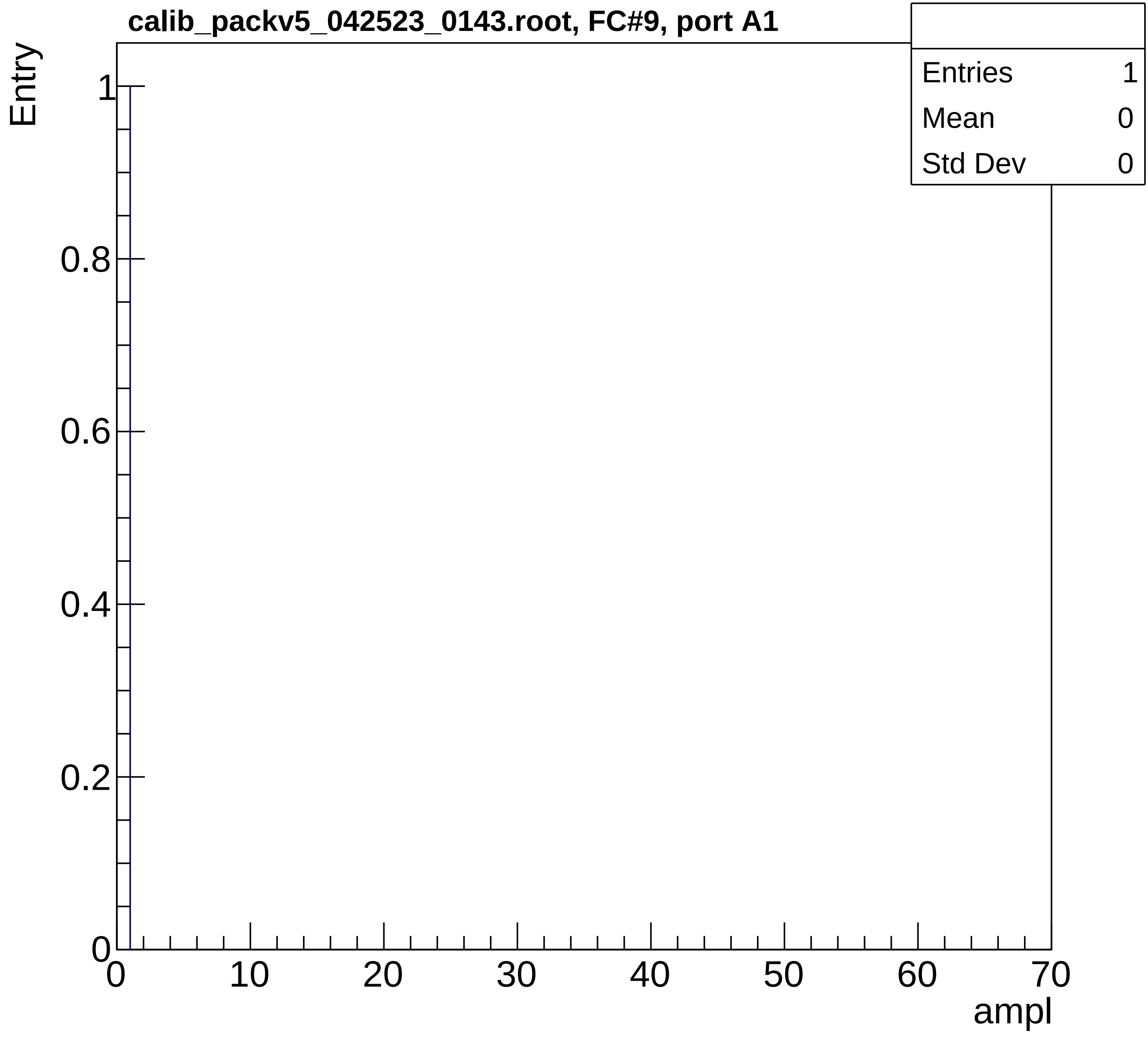


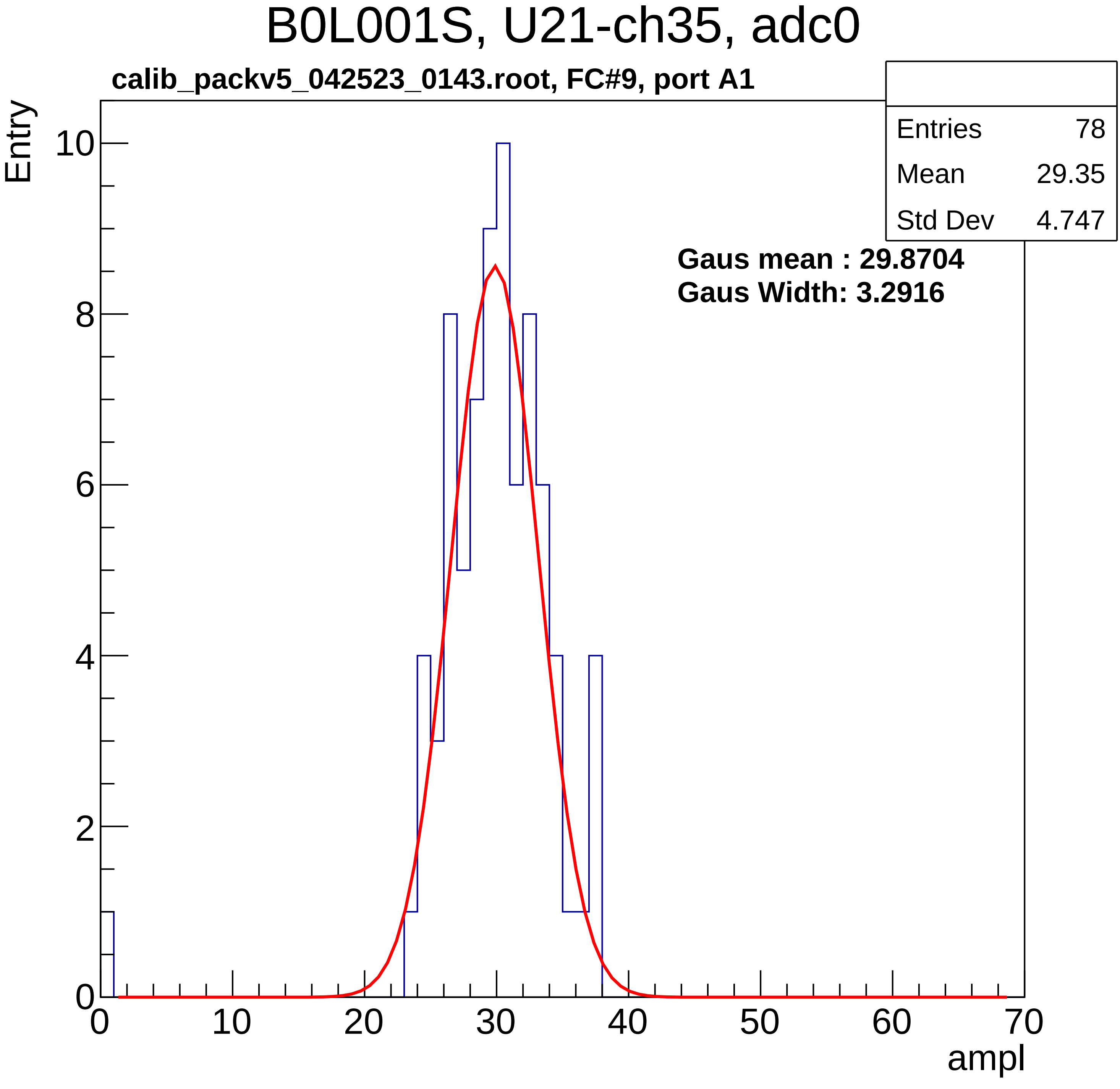

B0L001S, U21-ch34, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 58.82
Std Dev 9.105
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

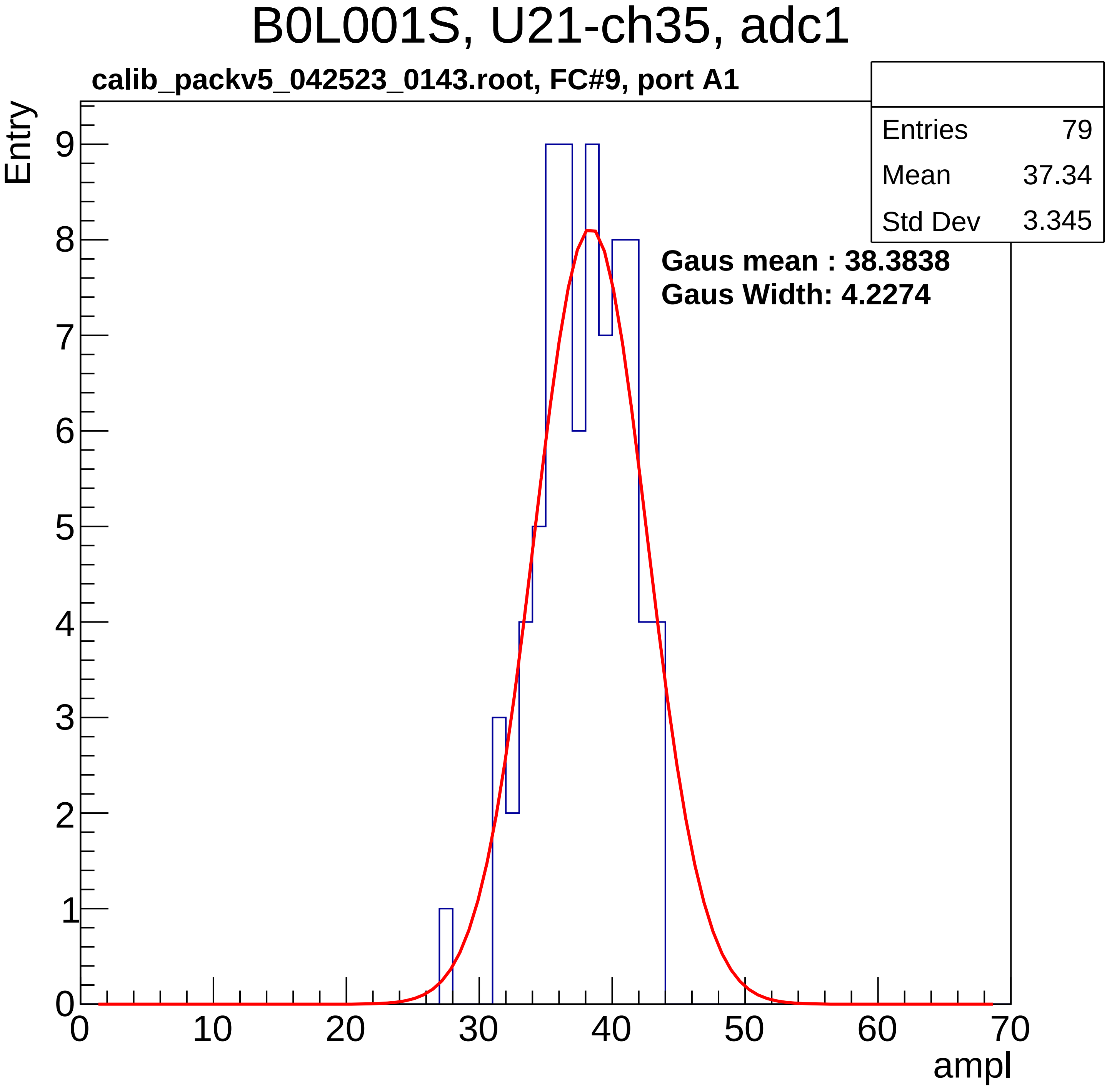
B0L001S, U21-ch34, adc6

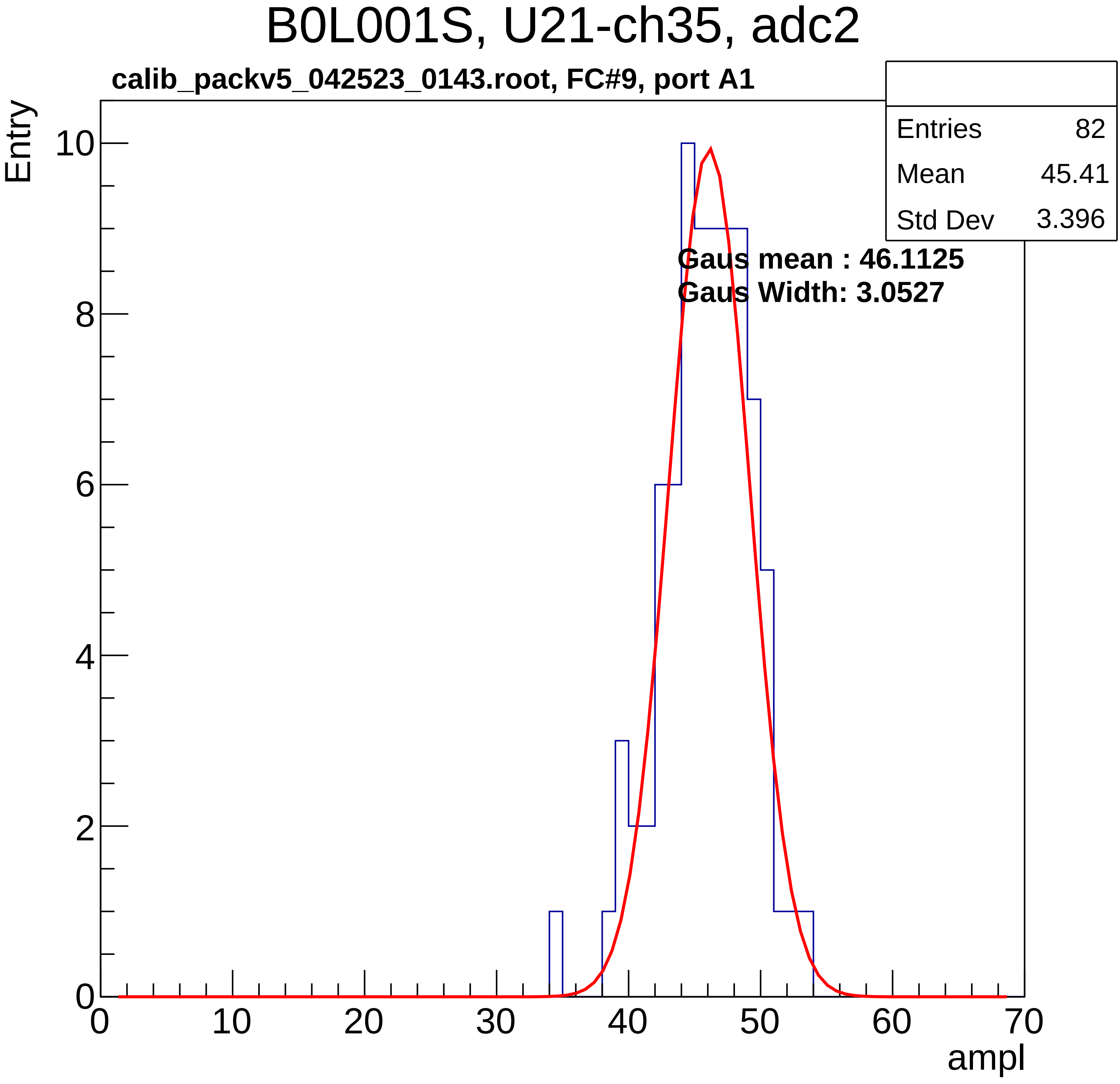


B0L001S, U21-ch34, adc7

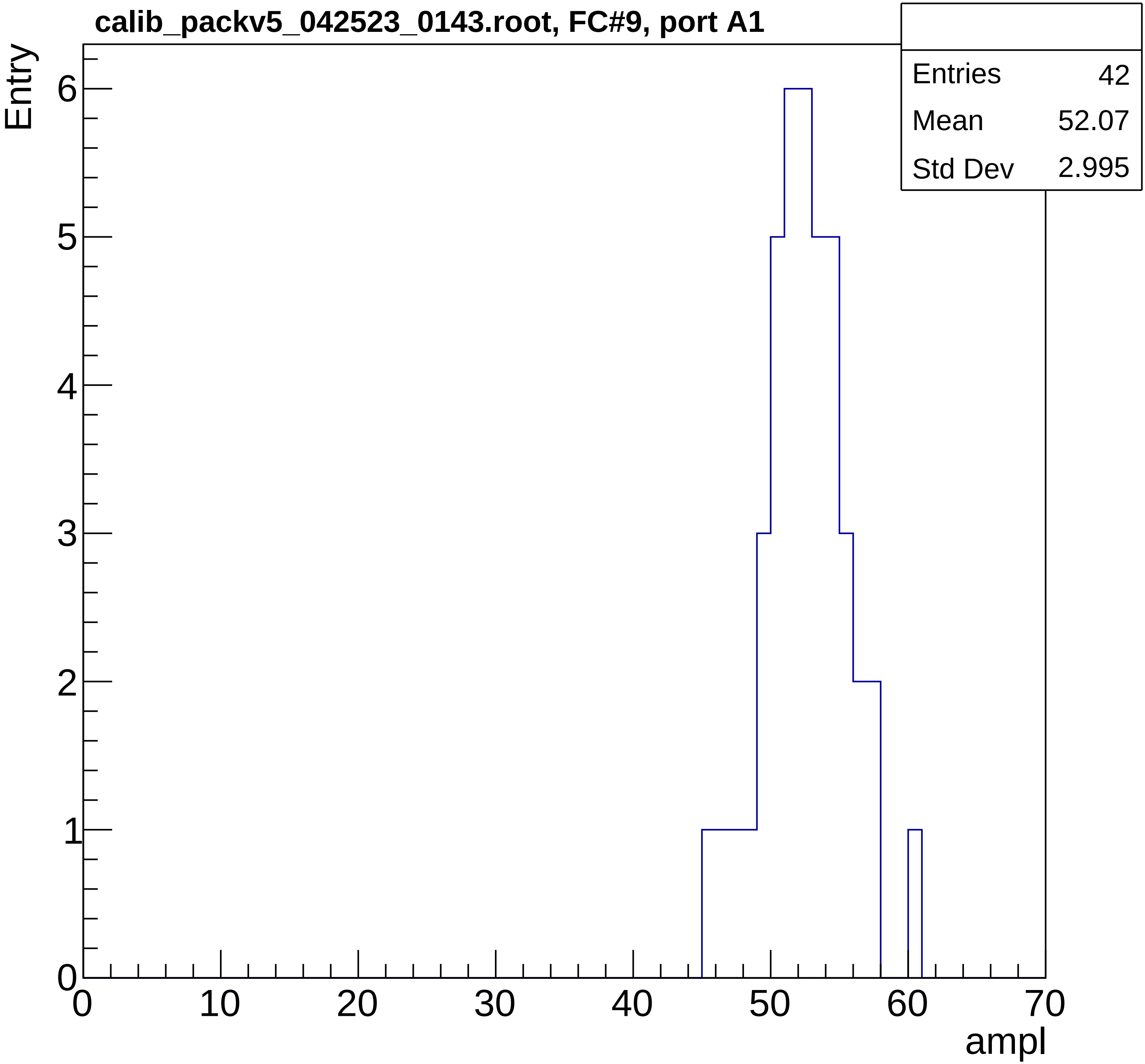



B0L001S, U21-ch35, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 29.35
Std Dev 4.747
Gaus mean : 29.8704
Gaus Width: 3.2916
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch35, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 37.34
Std Dev 3.345
Gaus mean : 38.3838
Gaus Width: 4.2274
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

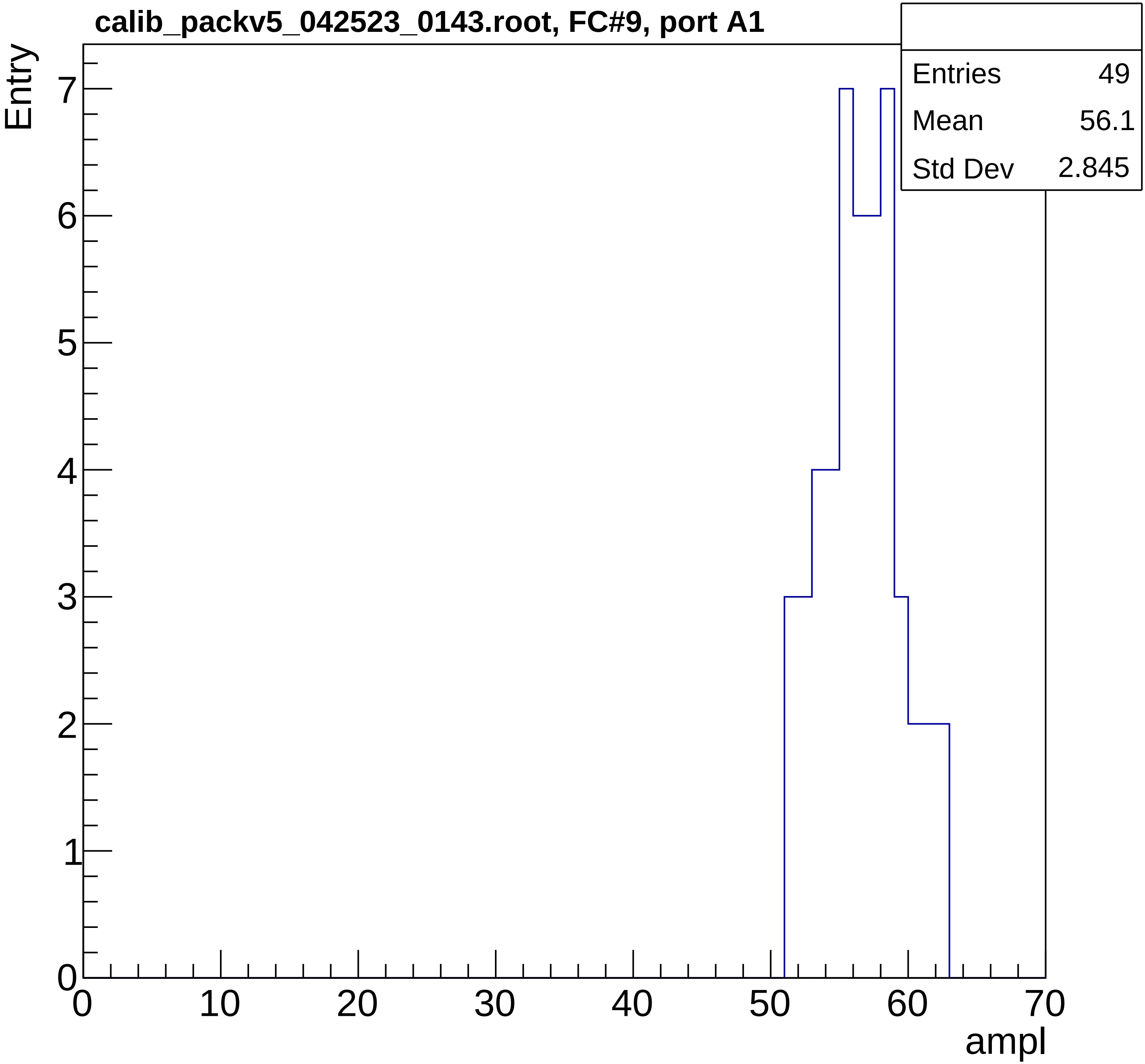

B0L001S, U21-ch35, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 45.41
Std Dev 3.396
Gaus mean : 46.1125
Gaus Width: 3.0527
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

B0L001S, U21-ch35, adc3

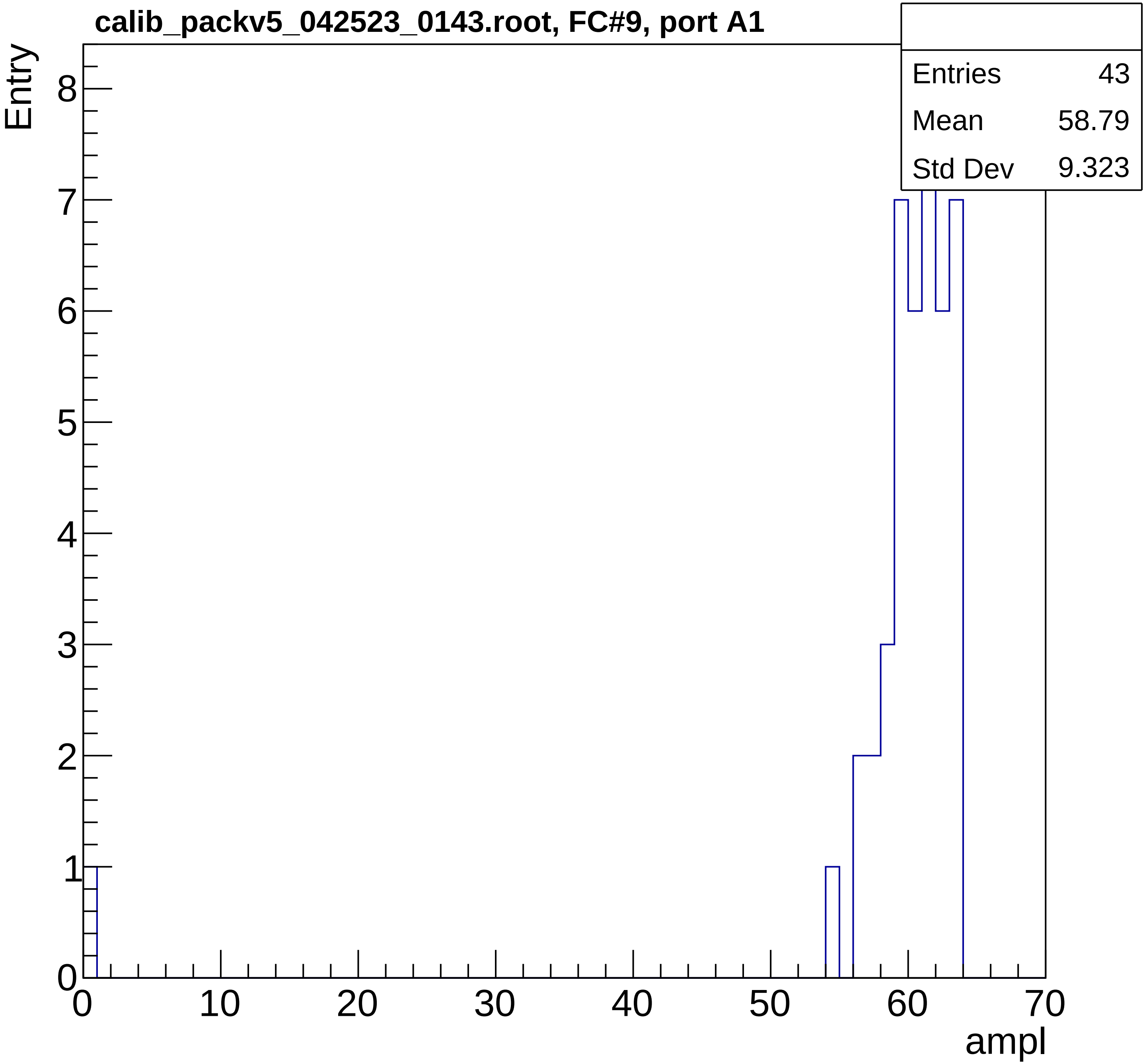


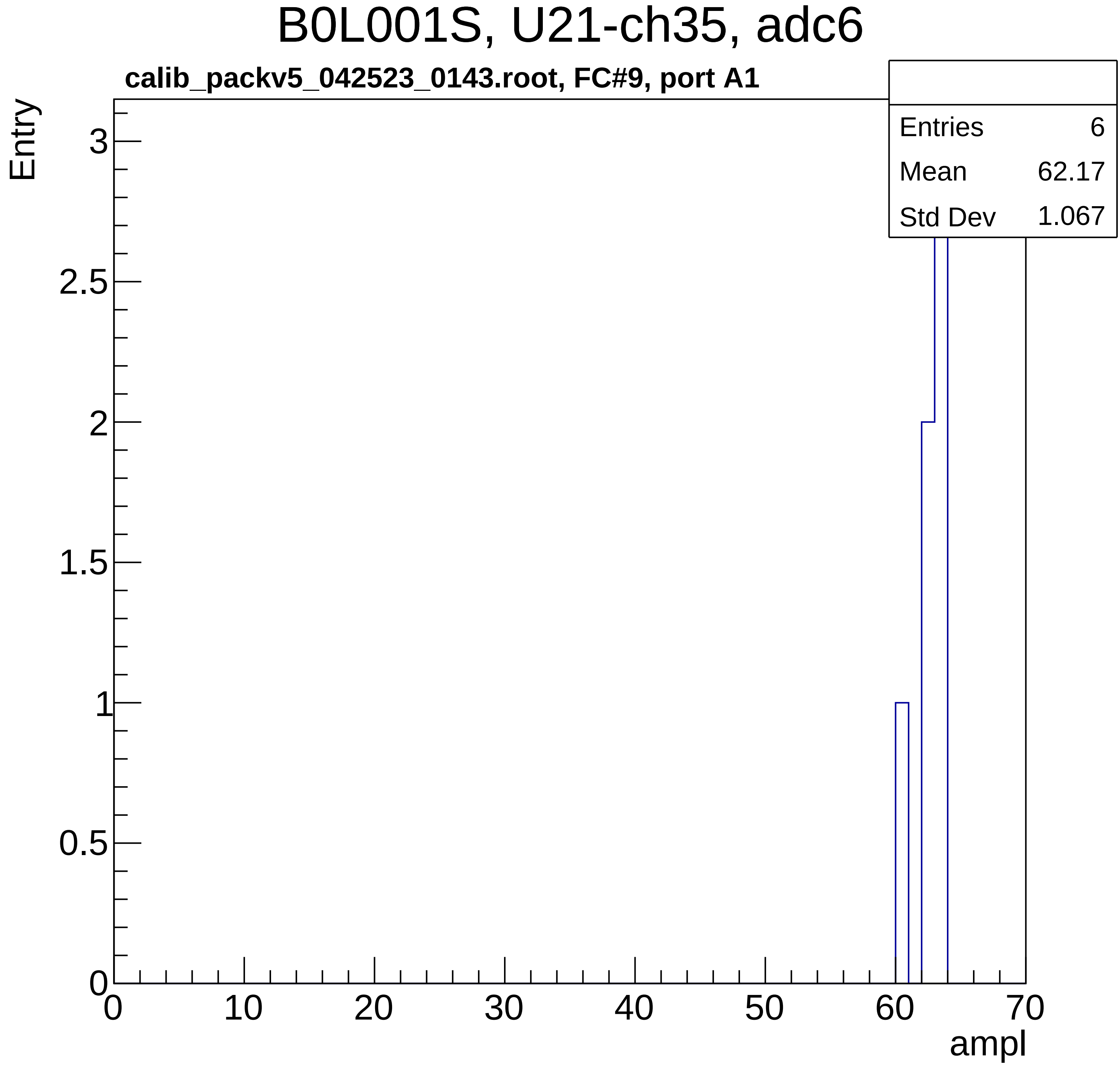
B0L001S, U21-ch35, adc4

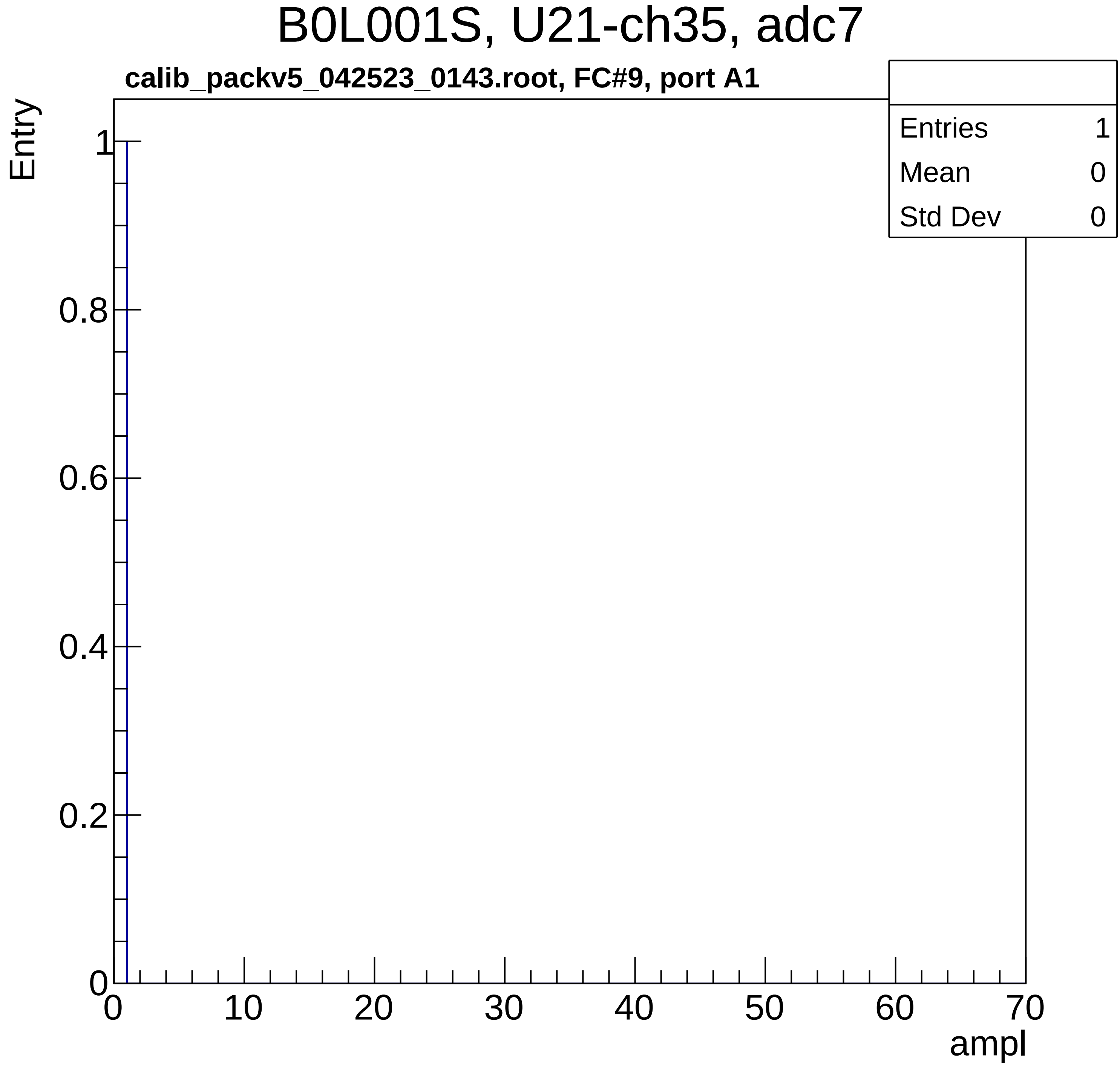
calib_packv5_042523_0143.root, FC#9, port A1

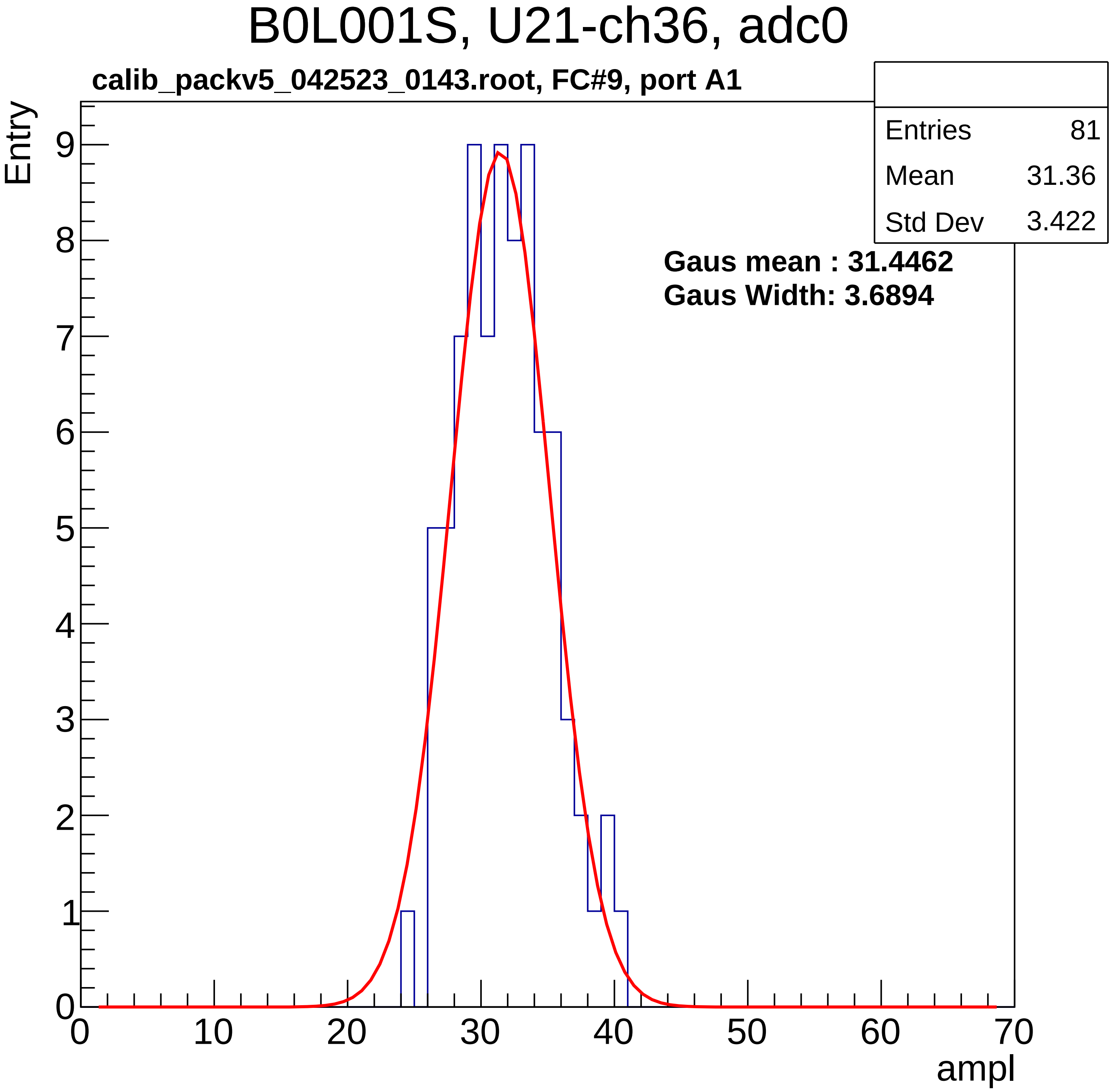


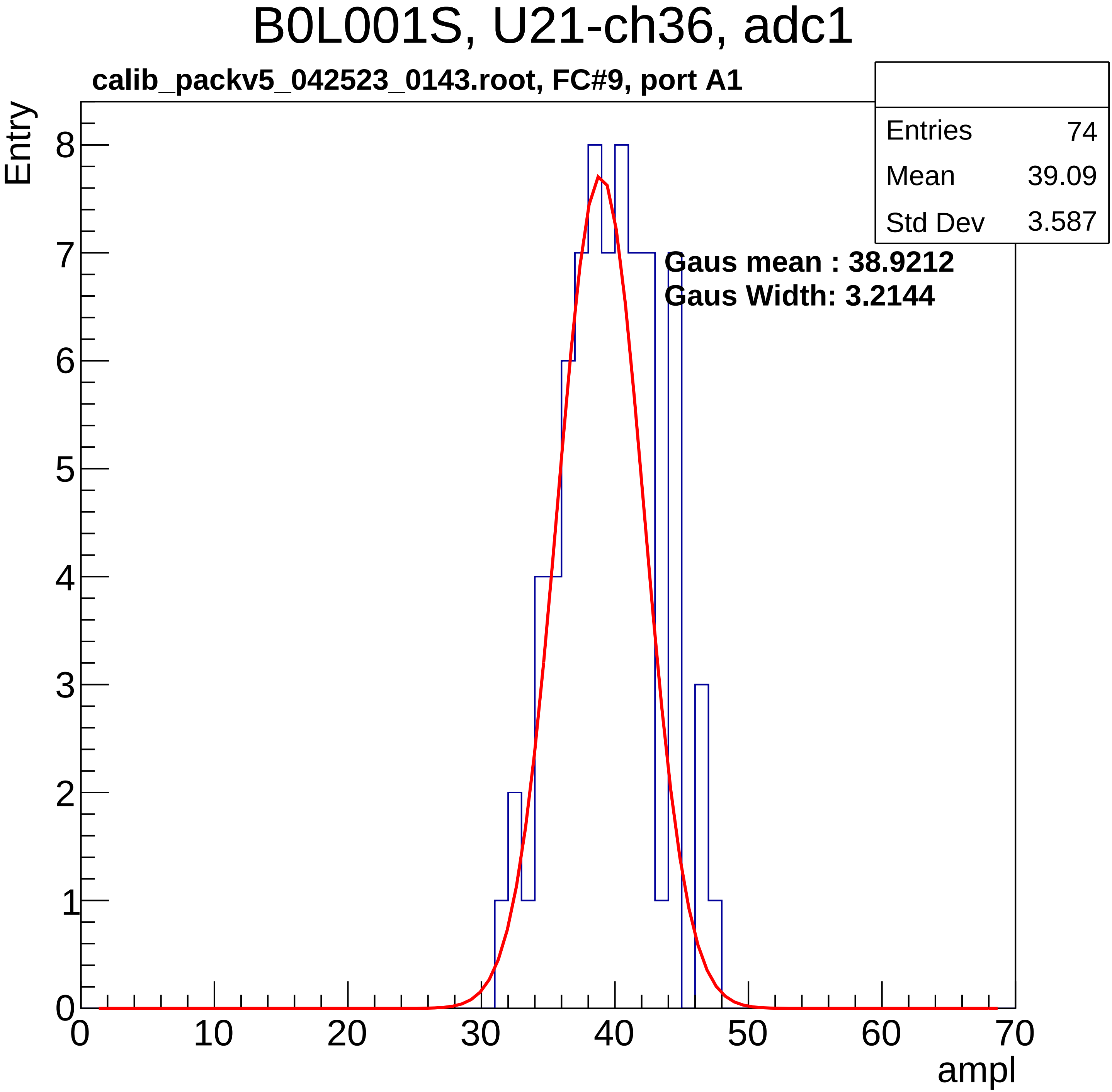
B0L001S, U21-ch35, adc5

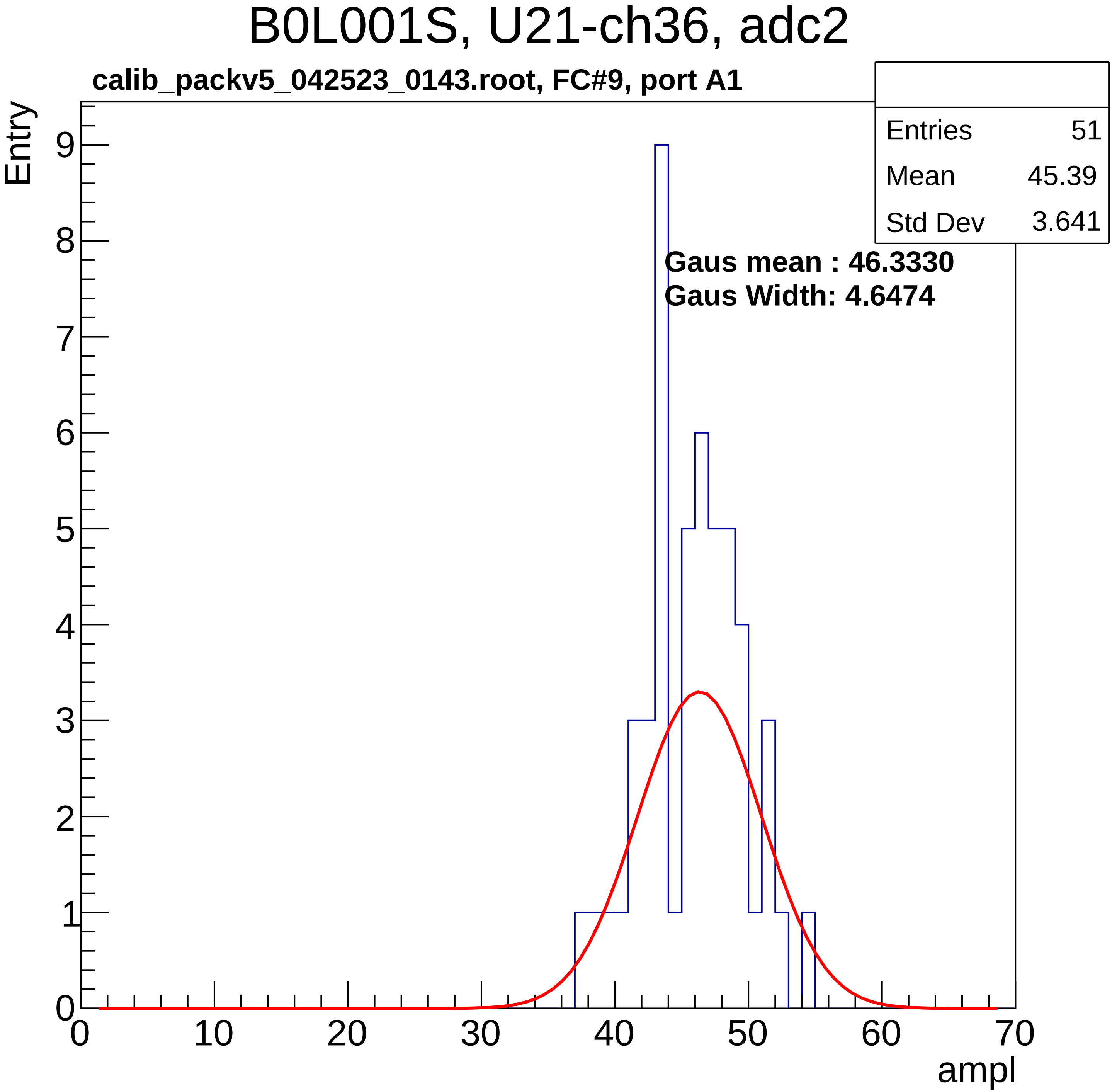



B0L001S, U21-ch35, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 62.17
Std Dev 1.067
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch35, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

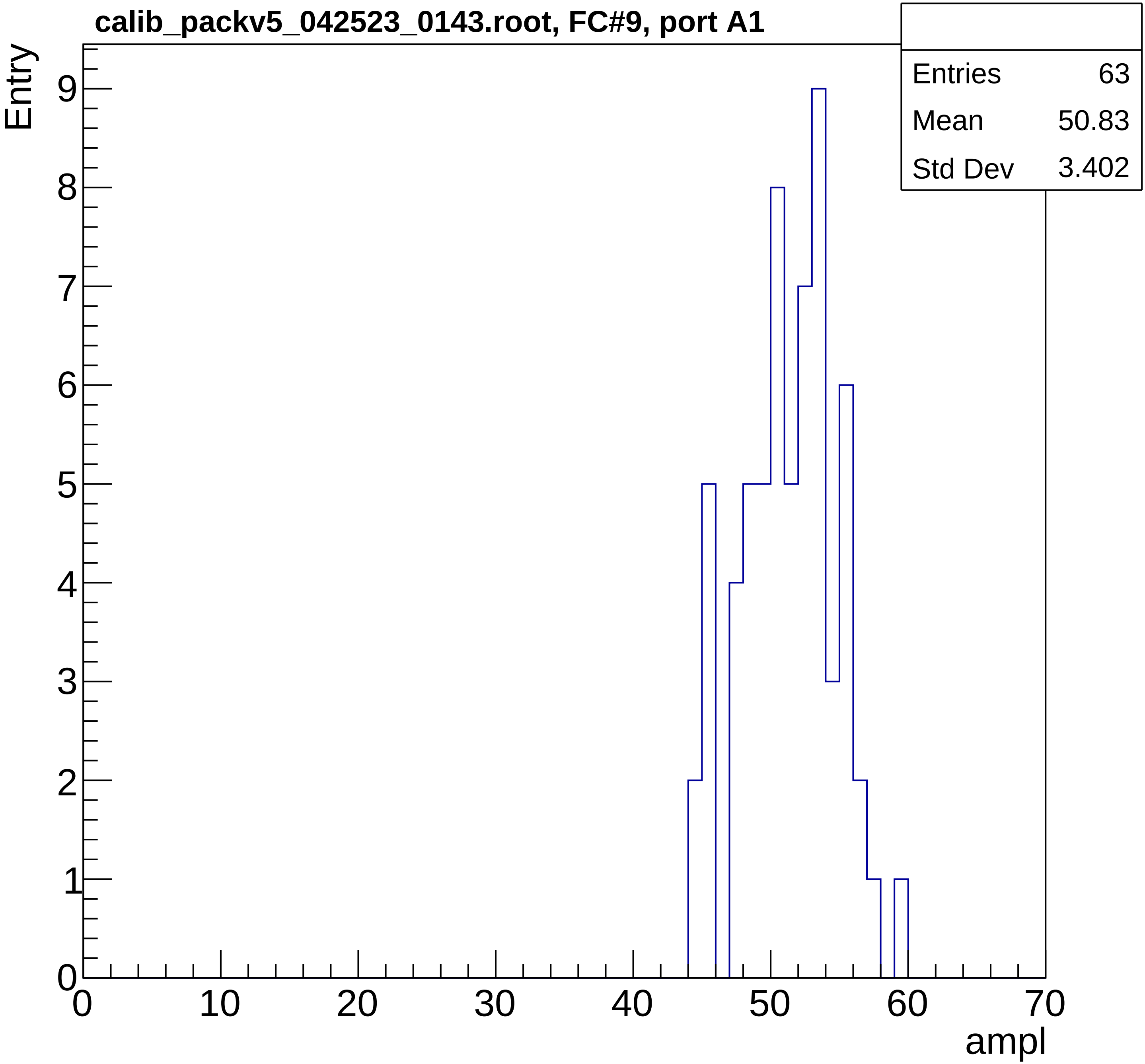

B0L001S, U21-ch36, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 31.36
Std Dev 3.422
Gaus mean : 31.4462
Gaus Width: 3.6894
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch36, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 74
Mean 39.09
Std Dev 3.587
Gaus mean : 38.9212
Gaus Width: 3.2144
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch36, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 51
Mean 45.39
Std Dev 3.641
Gaus mean : 46.3330
Gaus Width: 4.6474
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

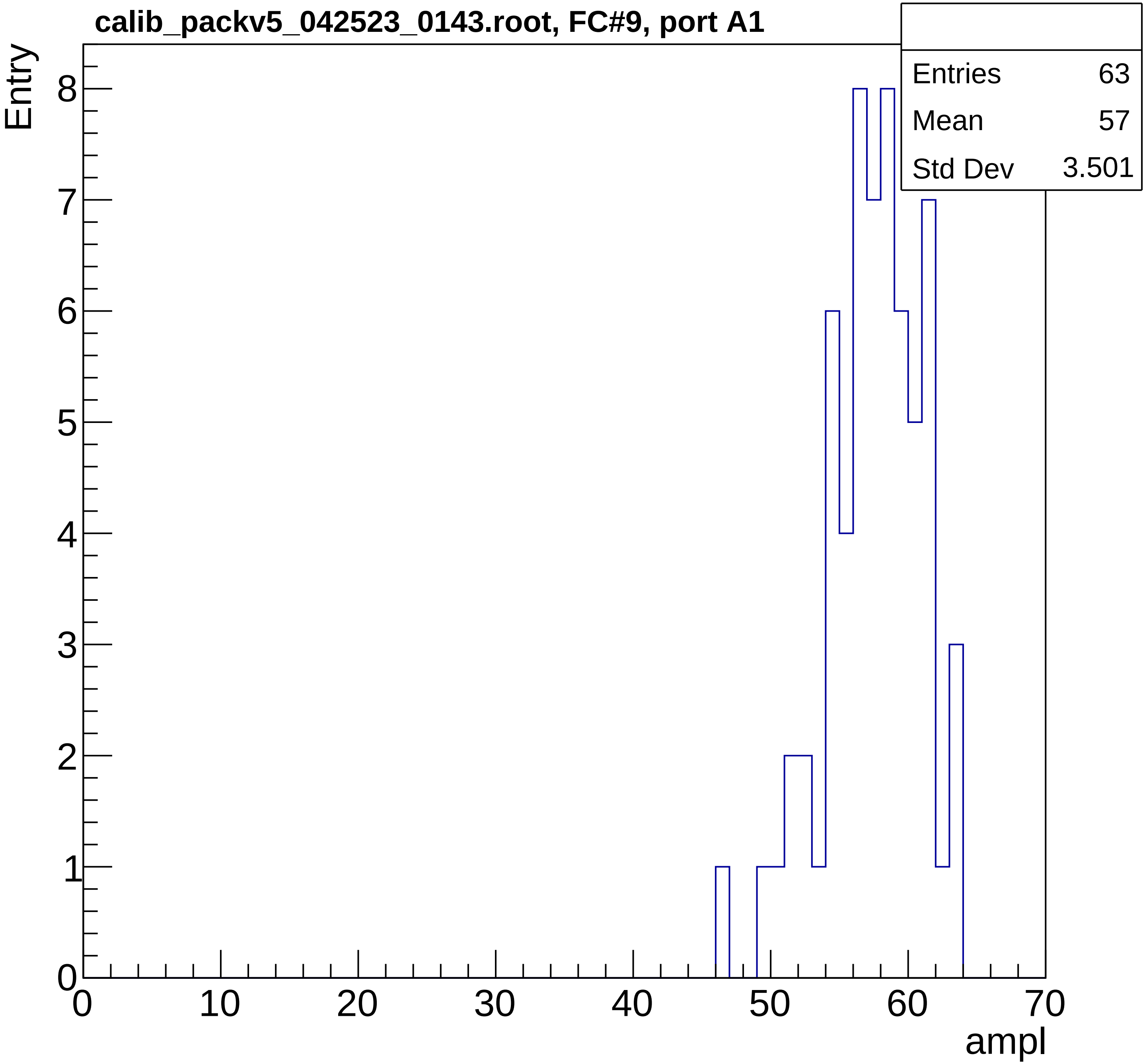
B0L001S, U21-ch36, adc3

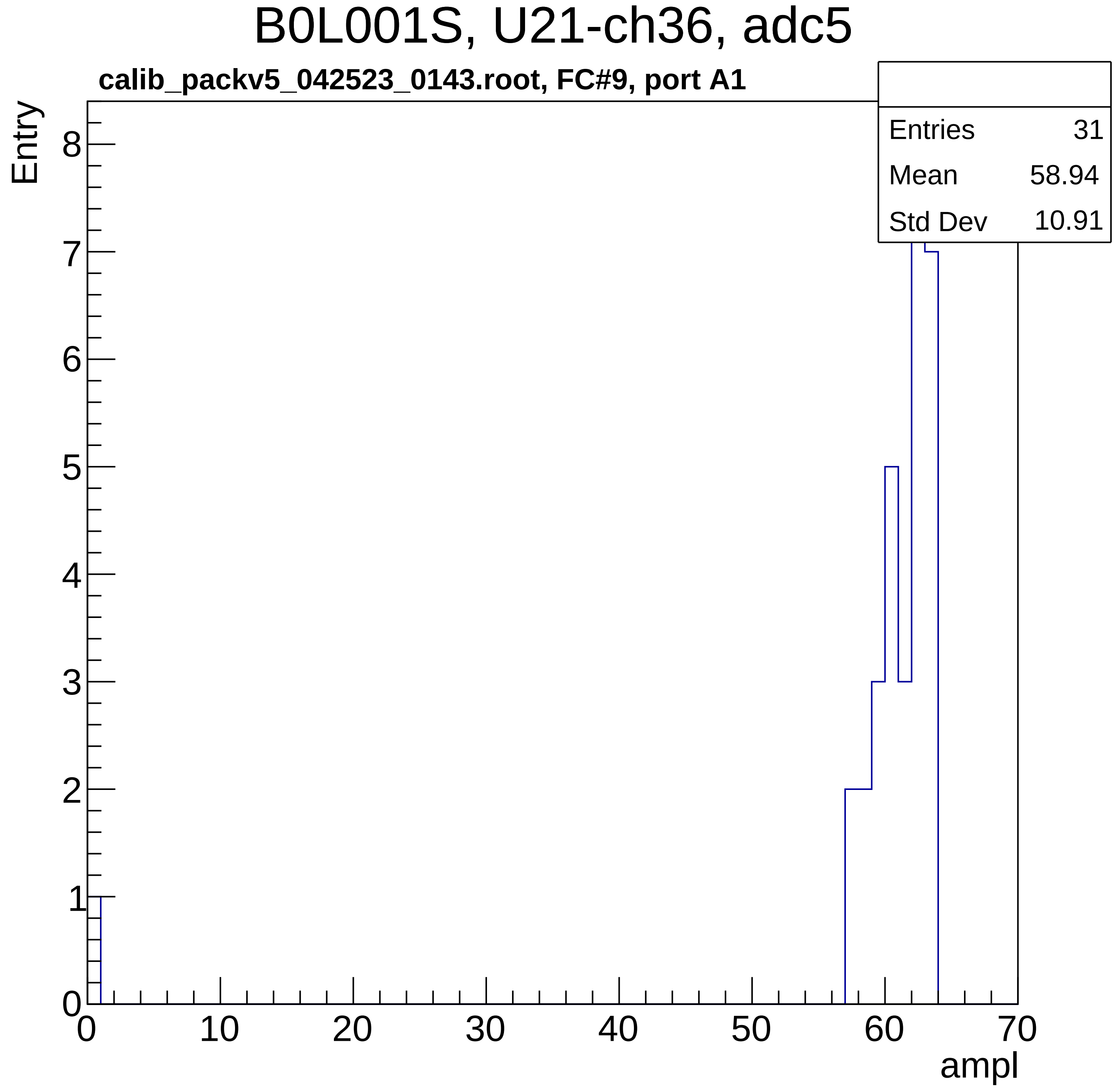
calib_packv5_042523_0143.root, FC#9, port A1

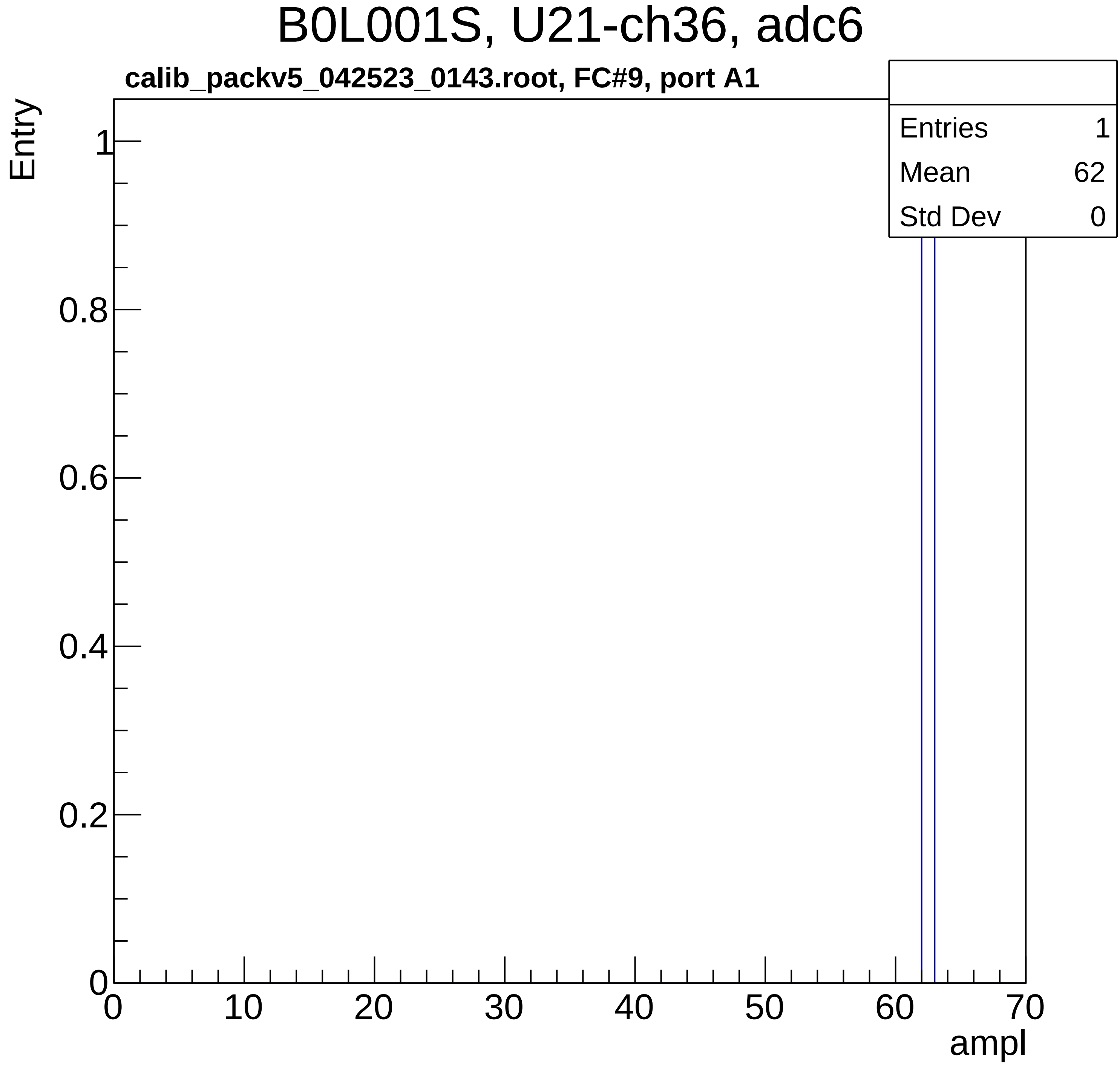


B0L001S, U21-ch36, adc4

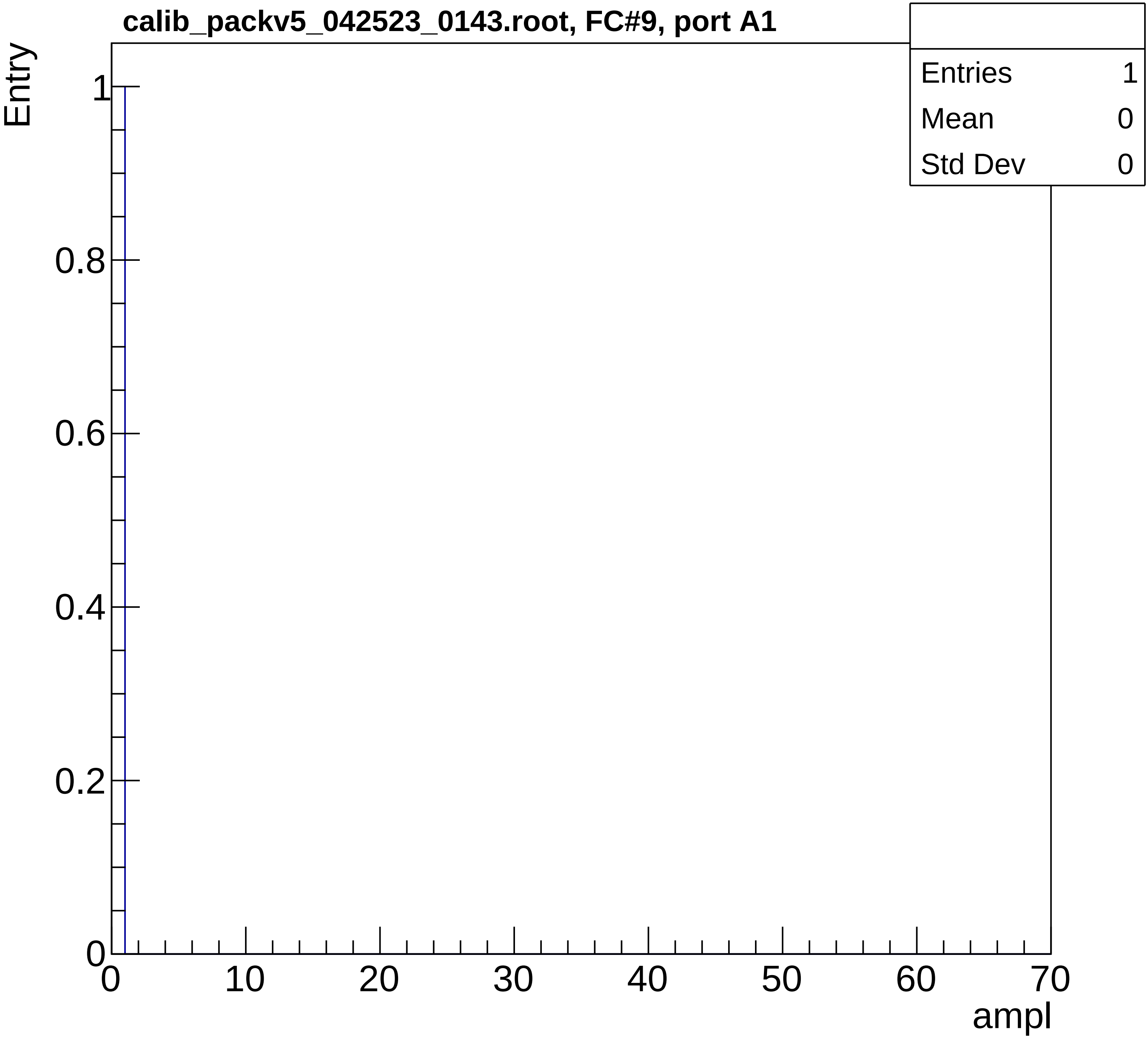
calib_packv5_042523_0143.root, FC#9, port A1



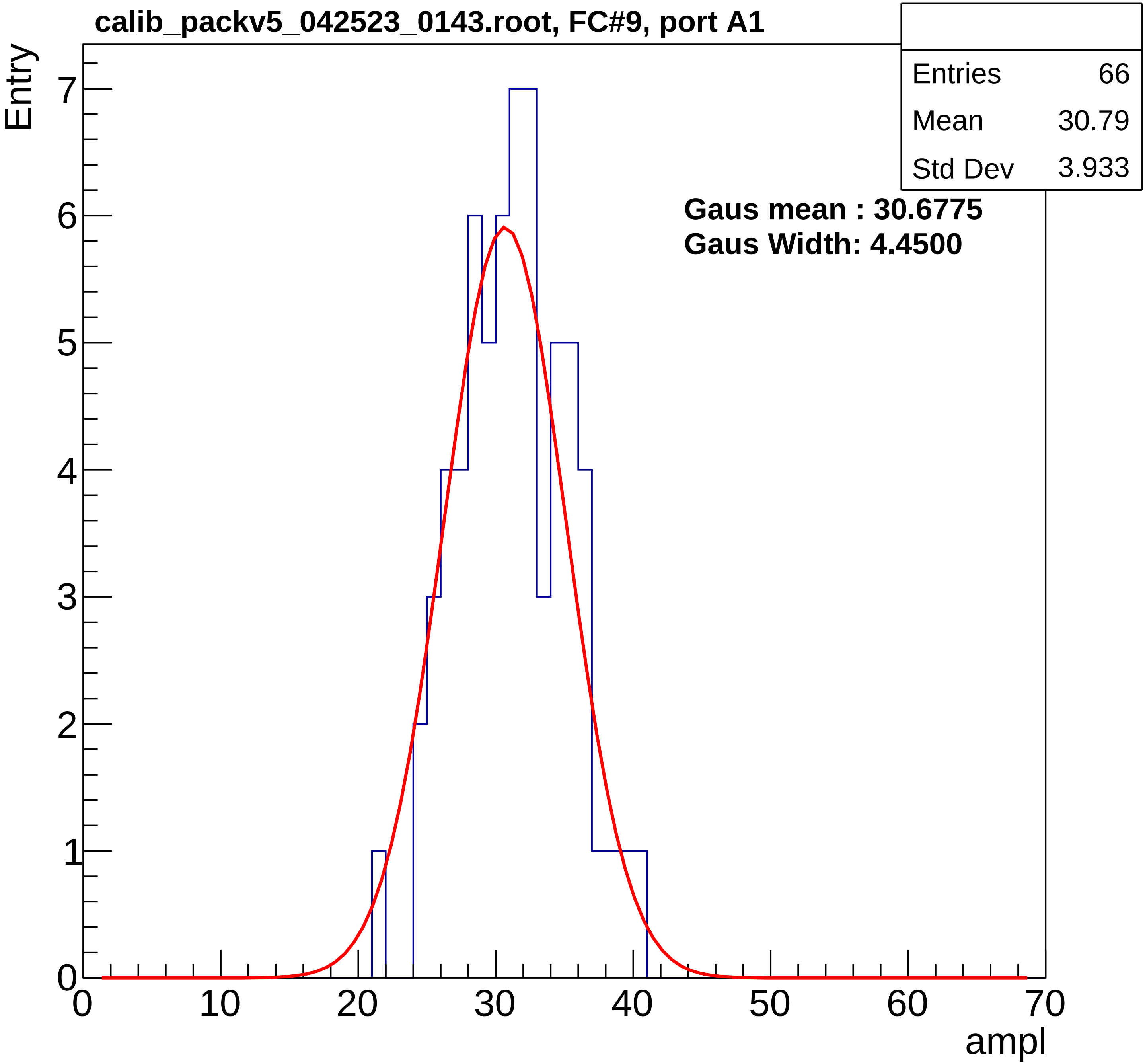

B0L001S, U21-ch36, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 58.94
Std Dev 10.91
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

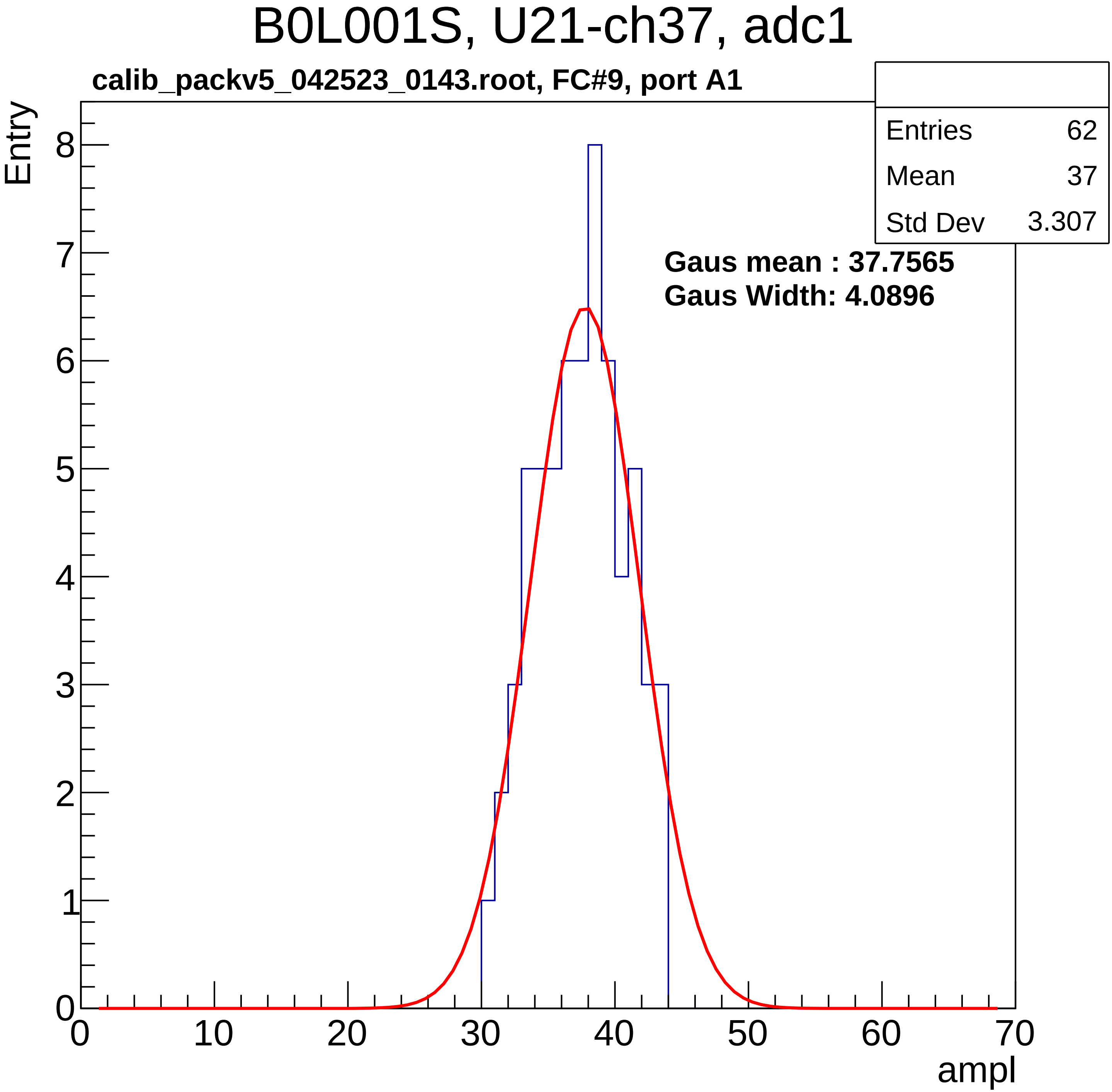

B0L001S, U21-ch36, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

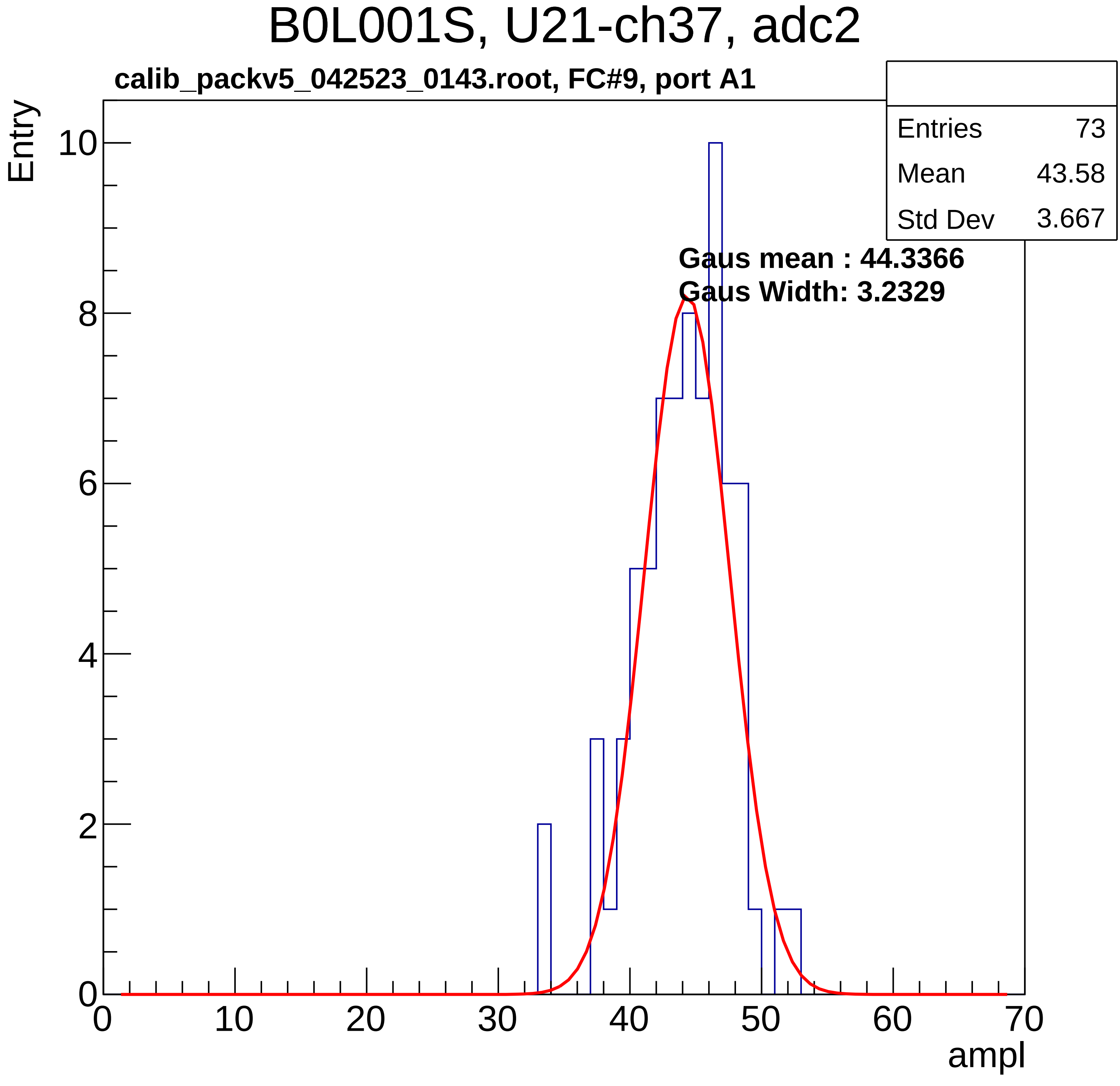
B0L001S, U21-ch36, adc7



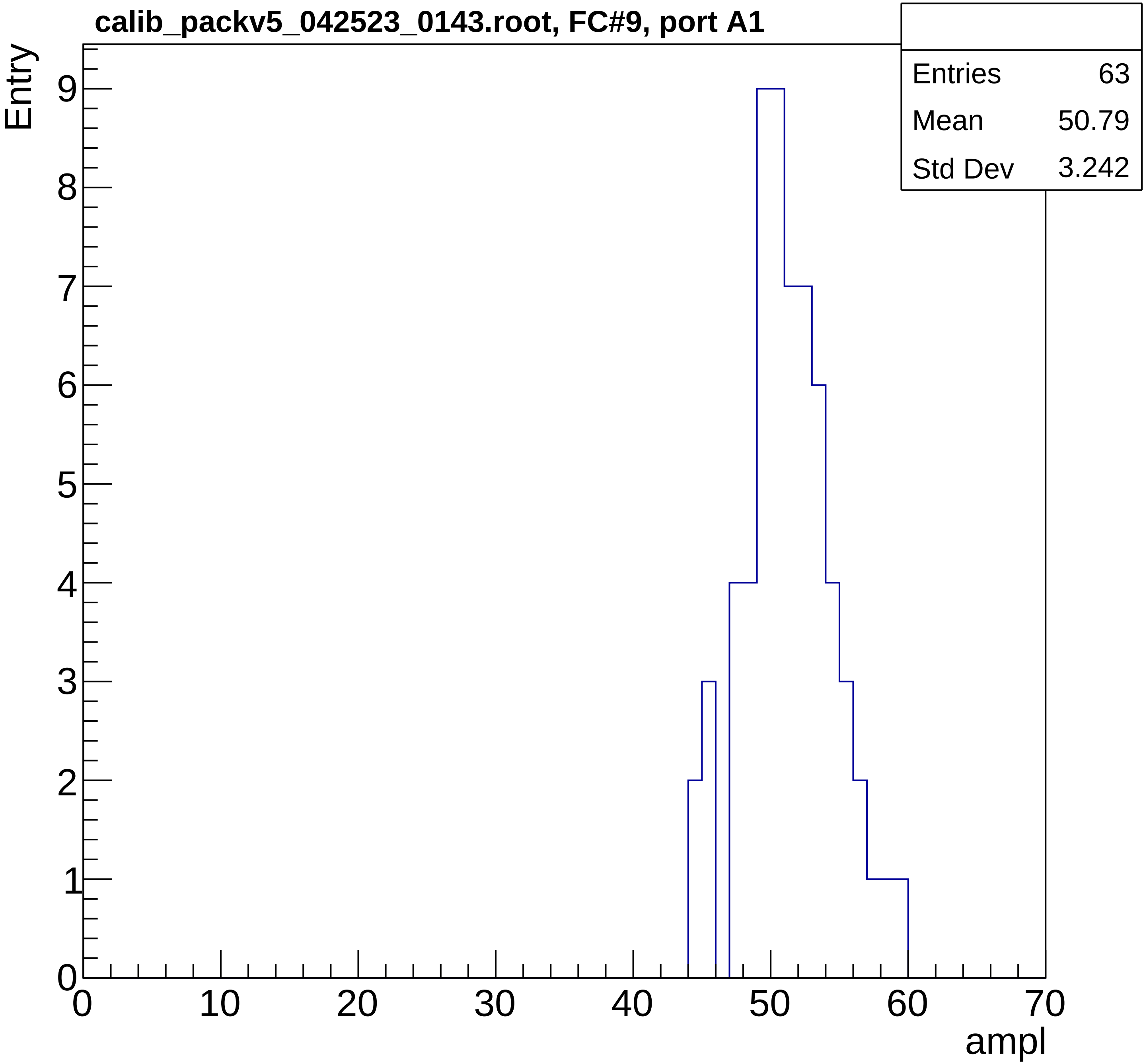
B0L001S, U21-ch37, adc0



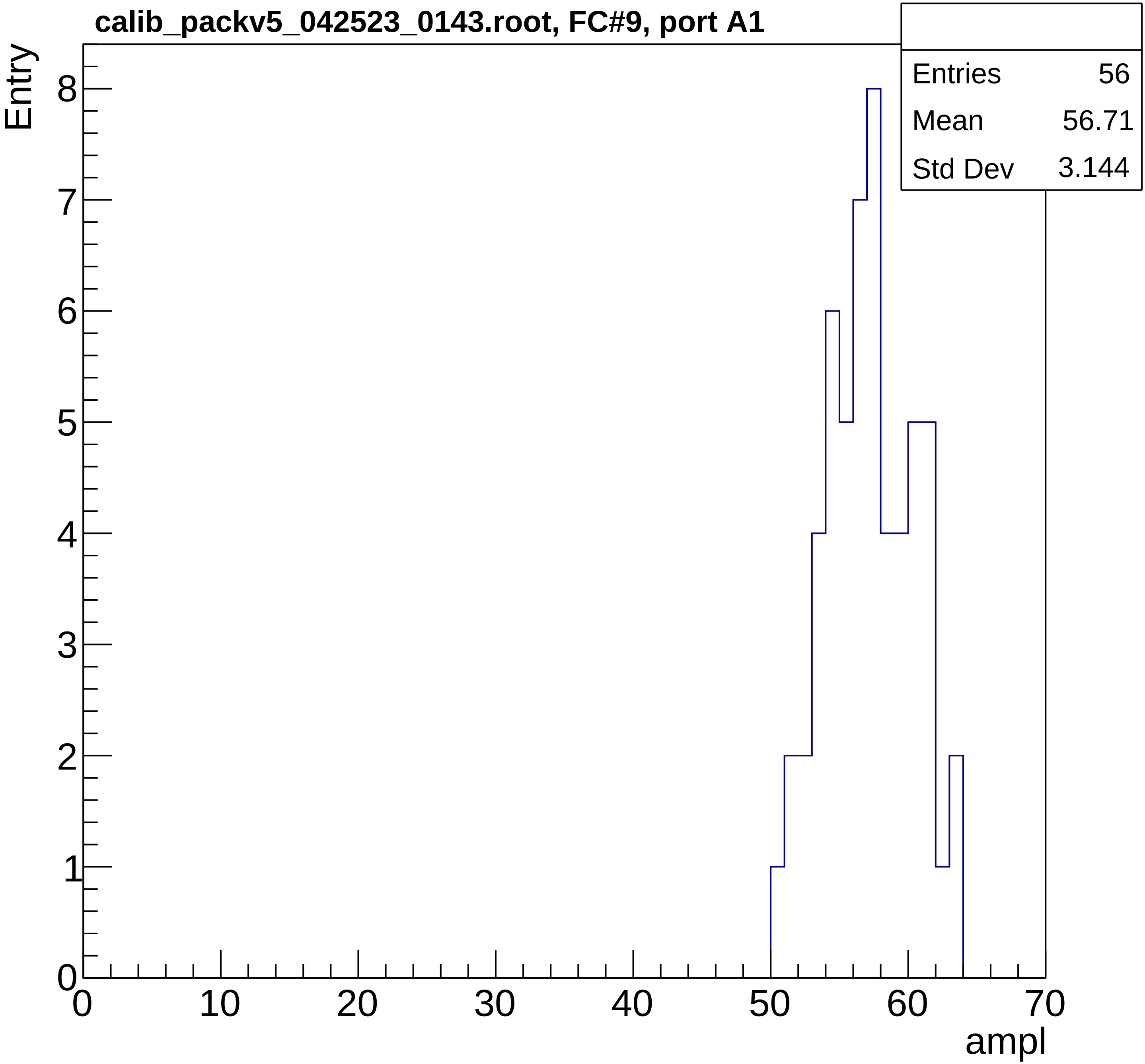

B0L001S, U21-ch37, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 37
Std Dev 3.307
Gaus mean : 37.7565
Gaus Width: 4.0896
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch37, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 43.58
Std Dev 3.667
Gaus mean : 44.3366
Gaus Width: 3.2329
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

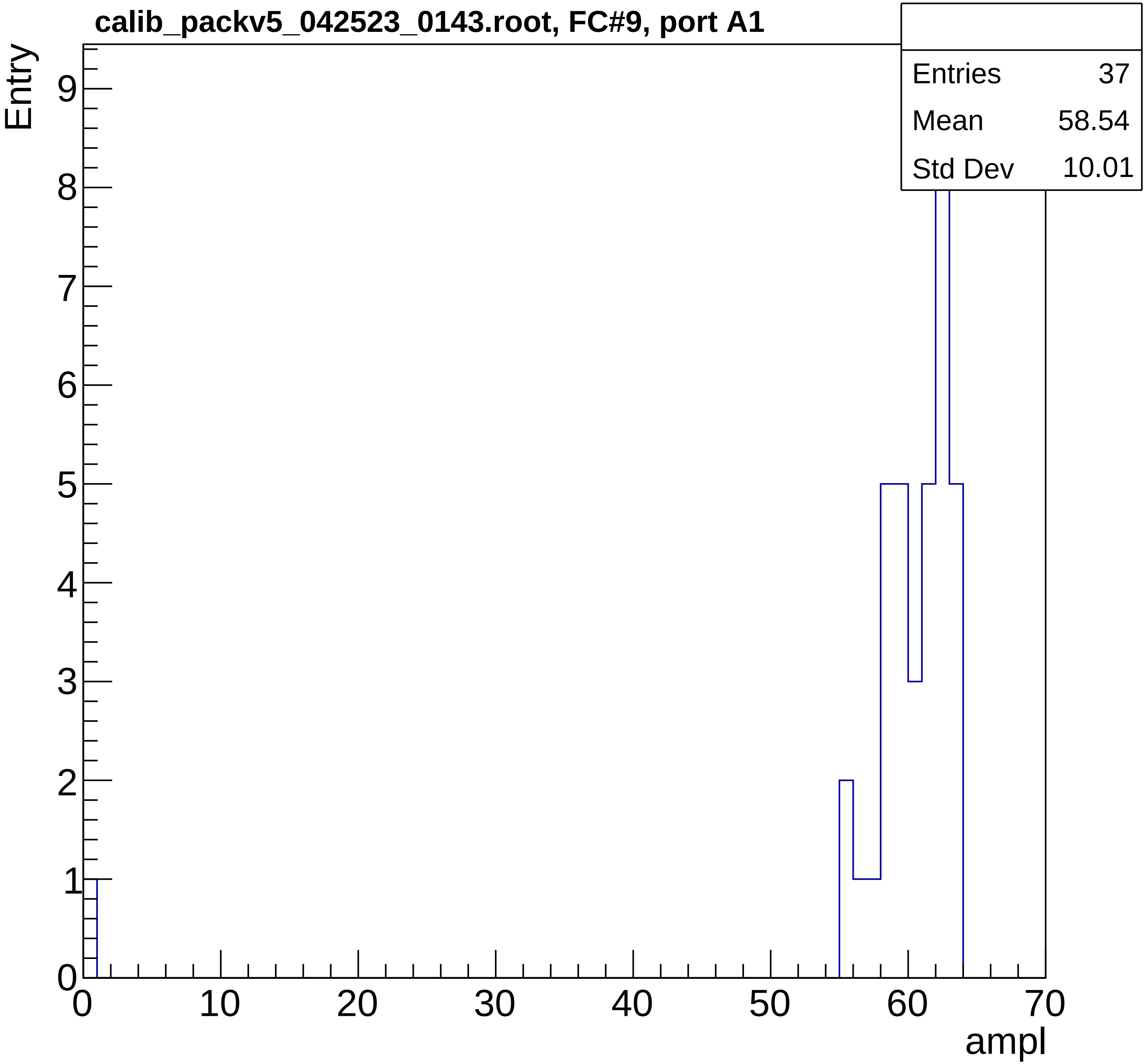
B0L001S, U21-ch37, adc3

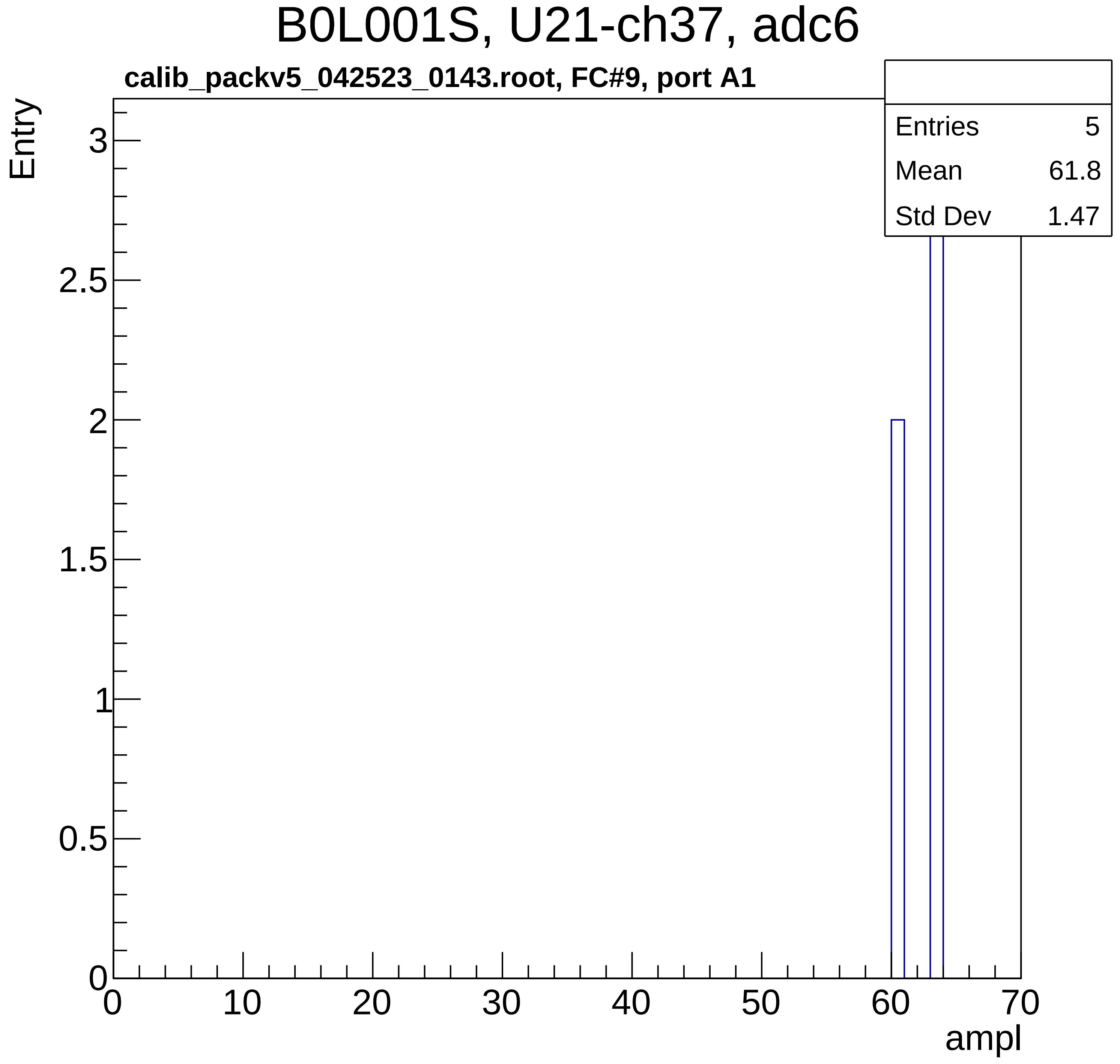


B0L001S, U21-ch37, adc4

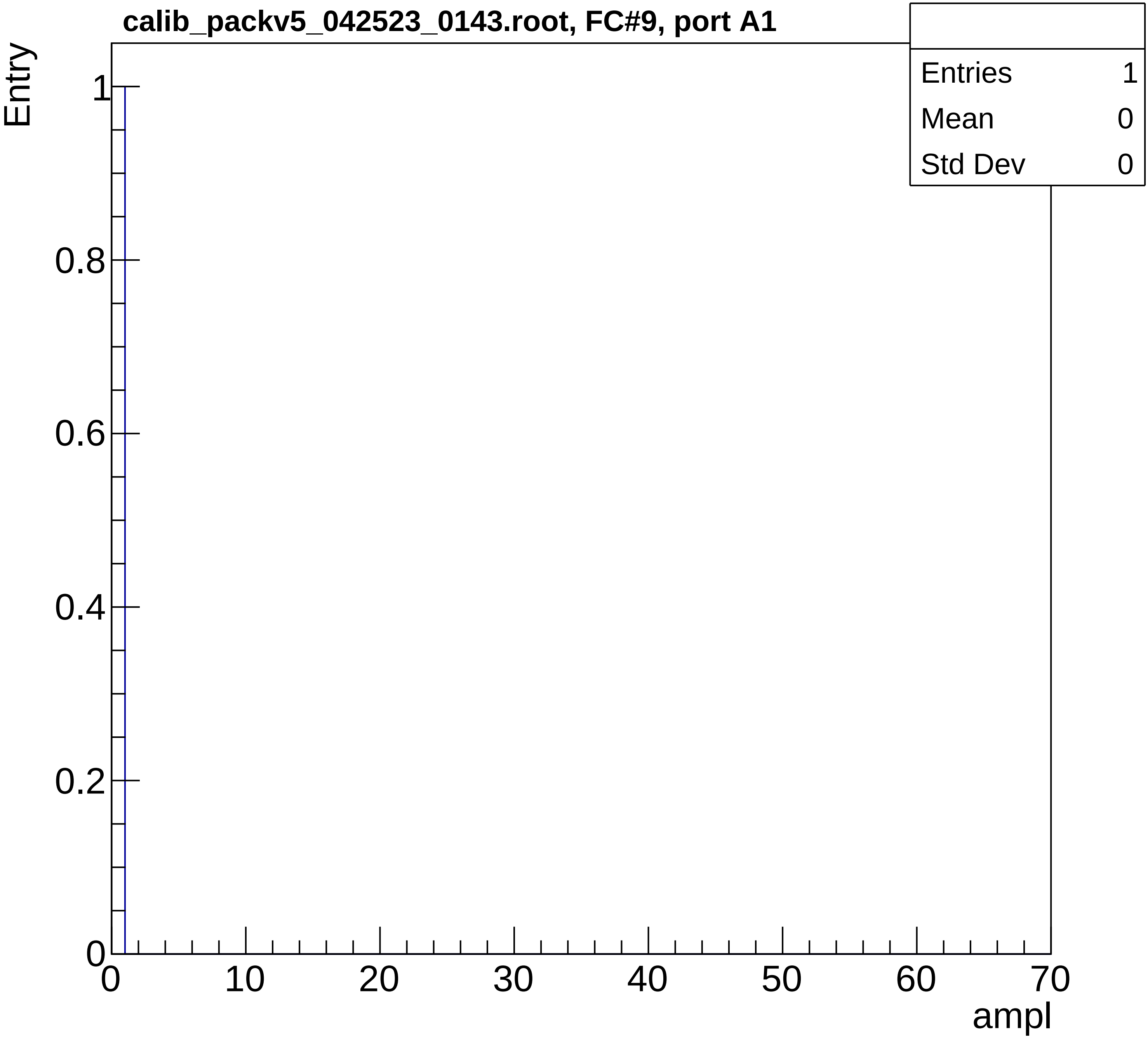


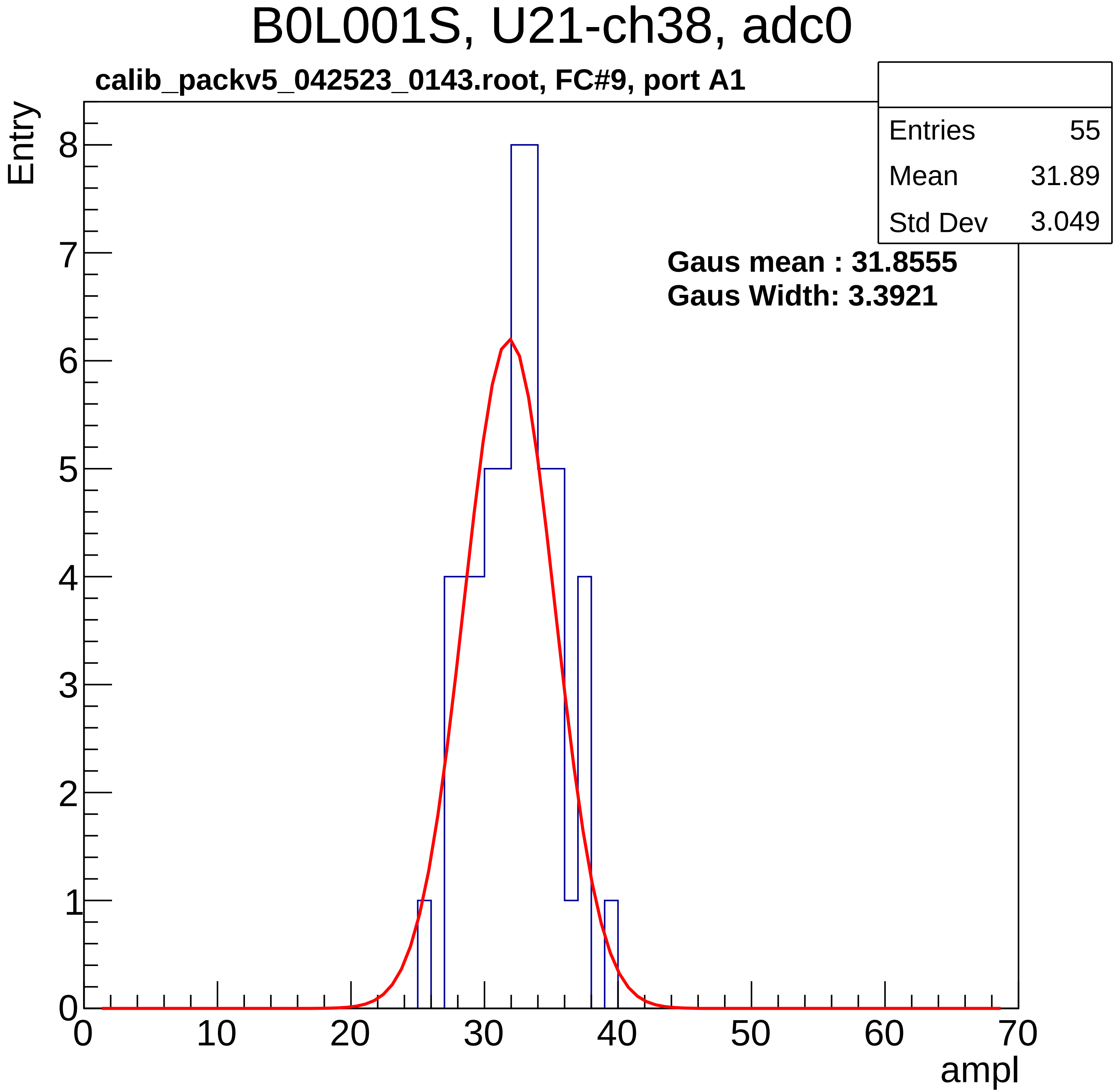
B0L001S, U21-ch37, adc5



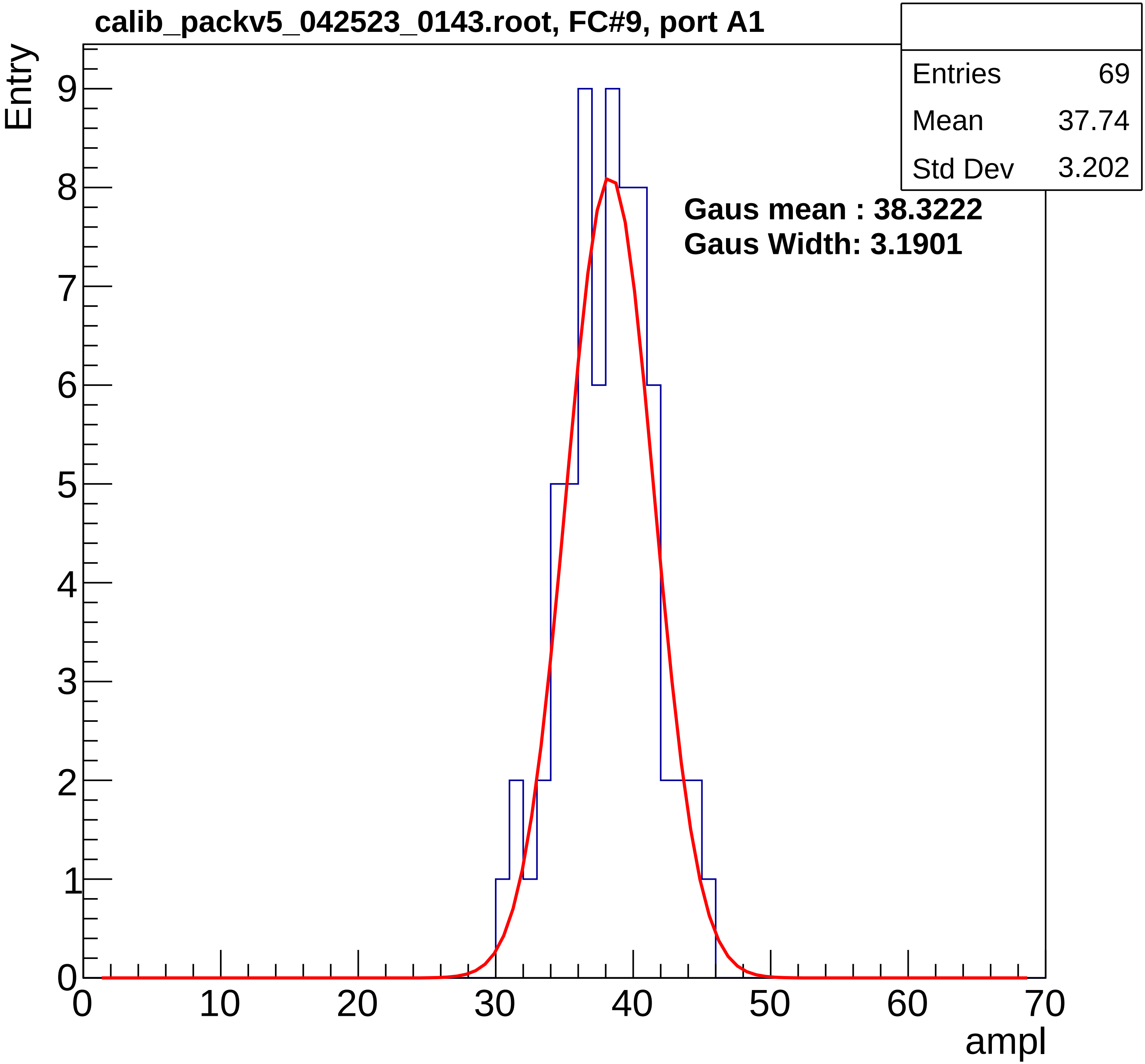

B0L001S, U21-ch37, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 5
Mean 61.8
Std Dev 1.47
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

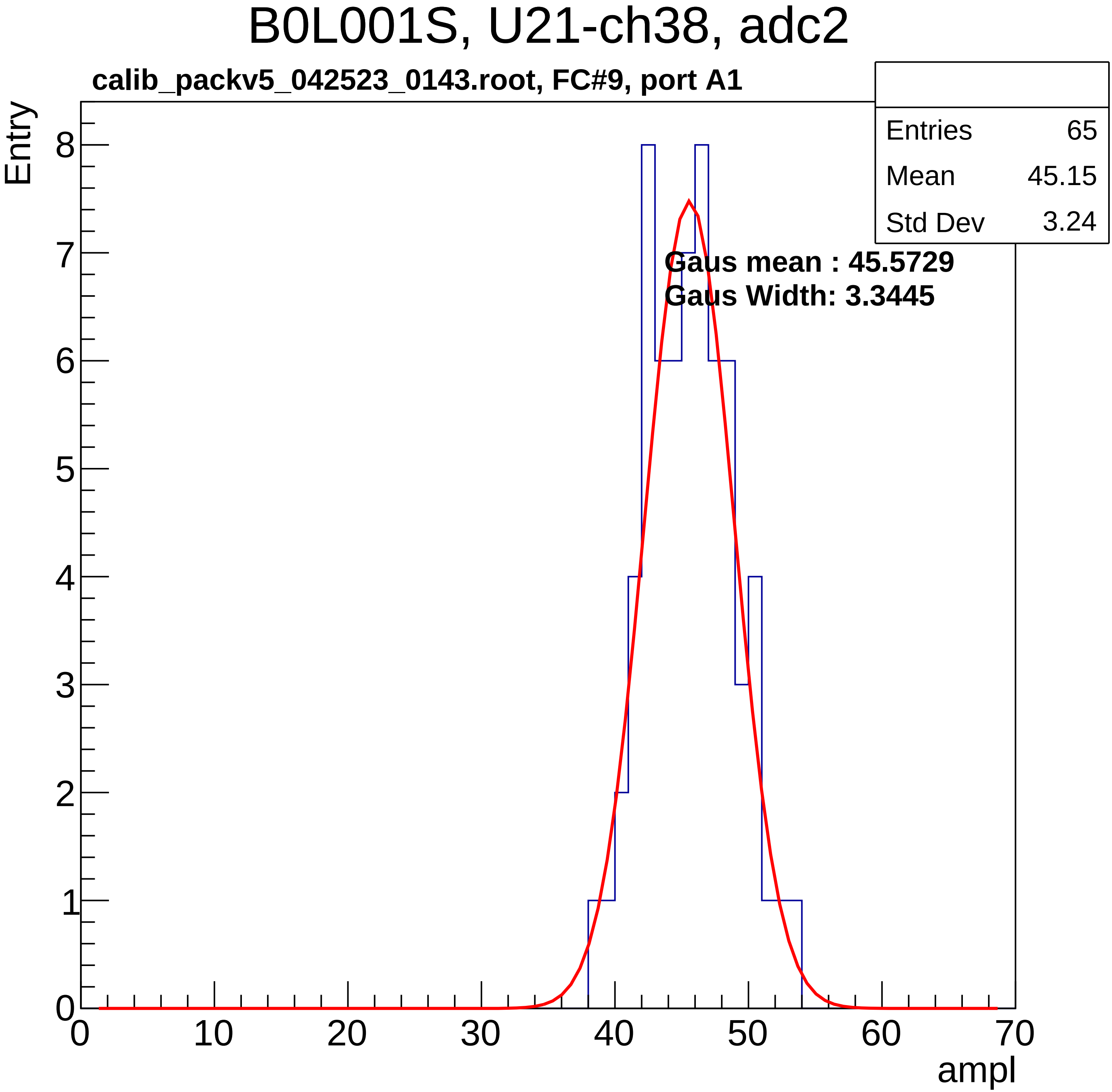
B0L001S, U21-ch37, adc7



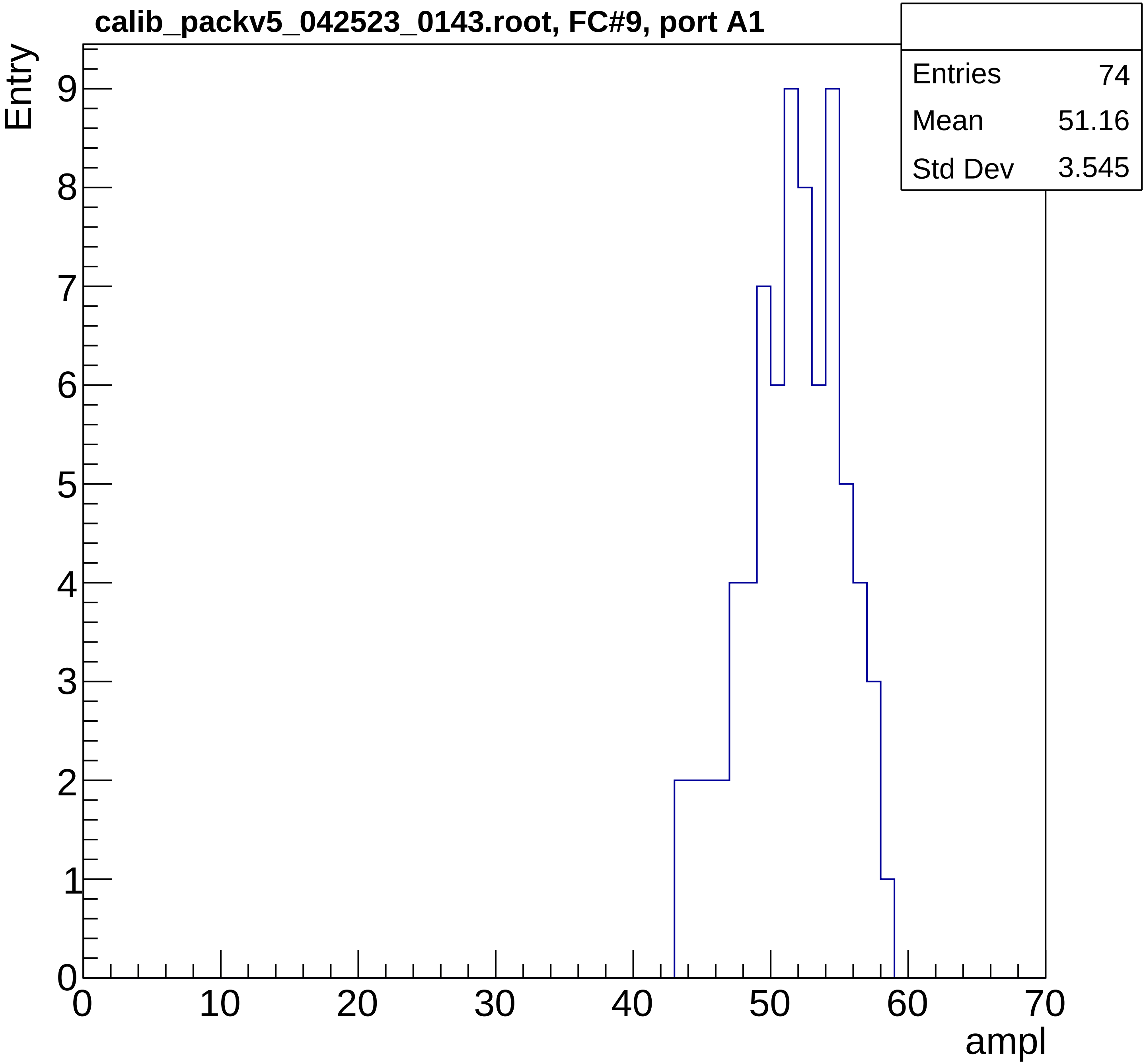

B0L001S, U21-ch38, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 31.89
Std Dev 3.049
Gaus mean : 31.8555
Gaus Width: 3.3921
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

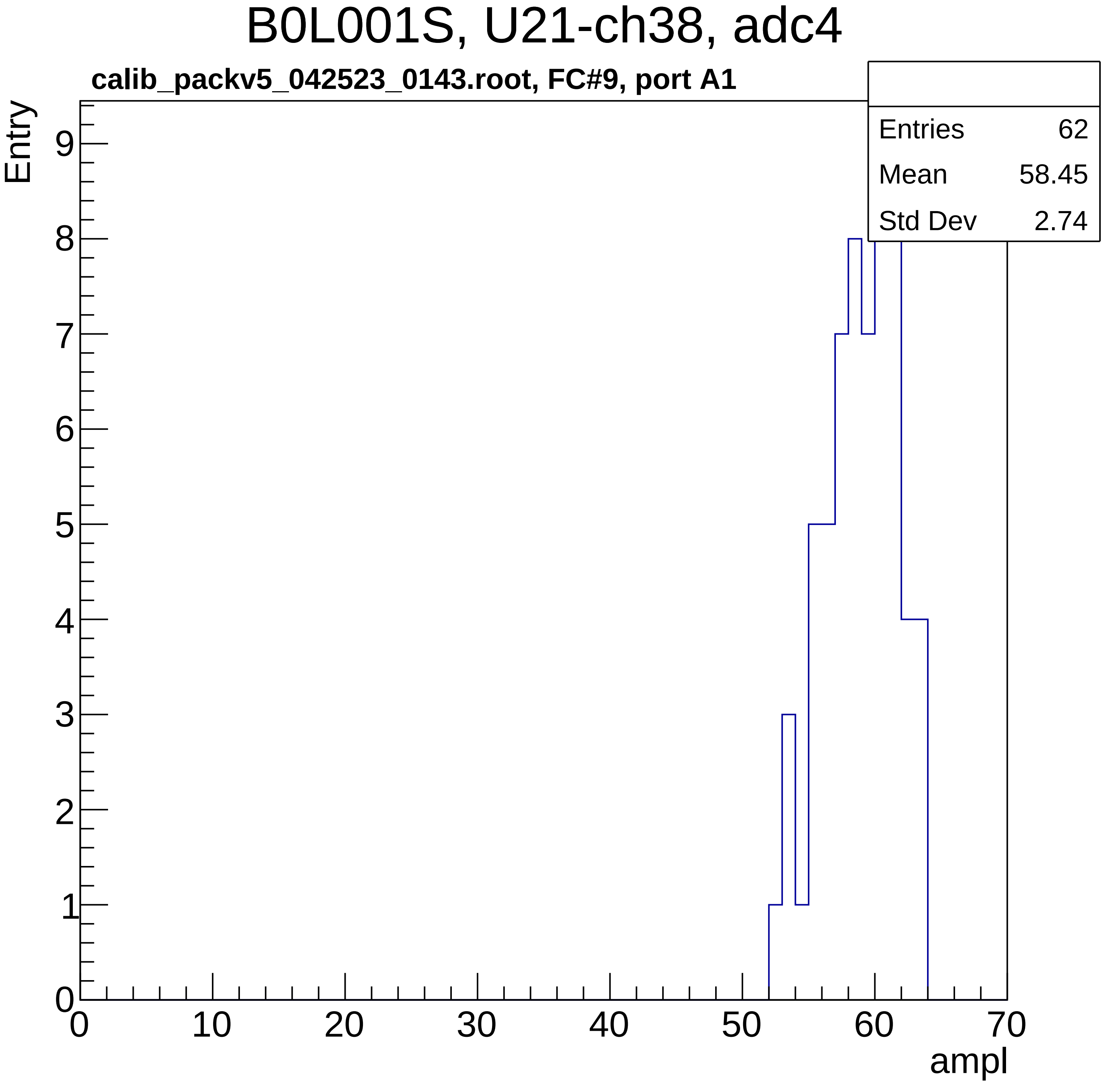
B0L001S, U21-ch38, adc1

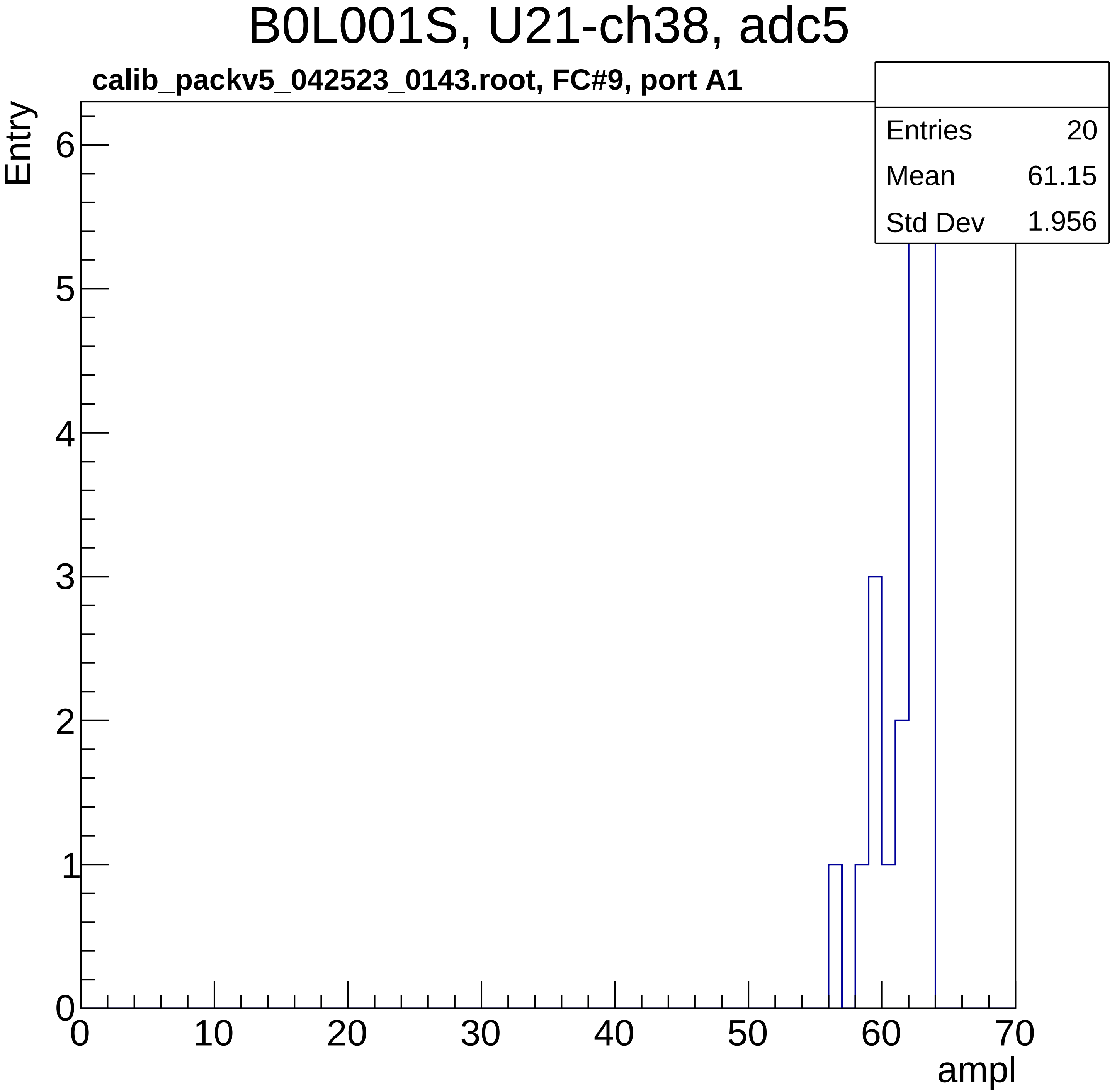


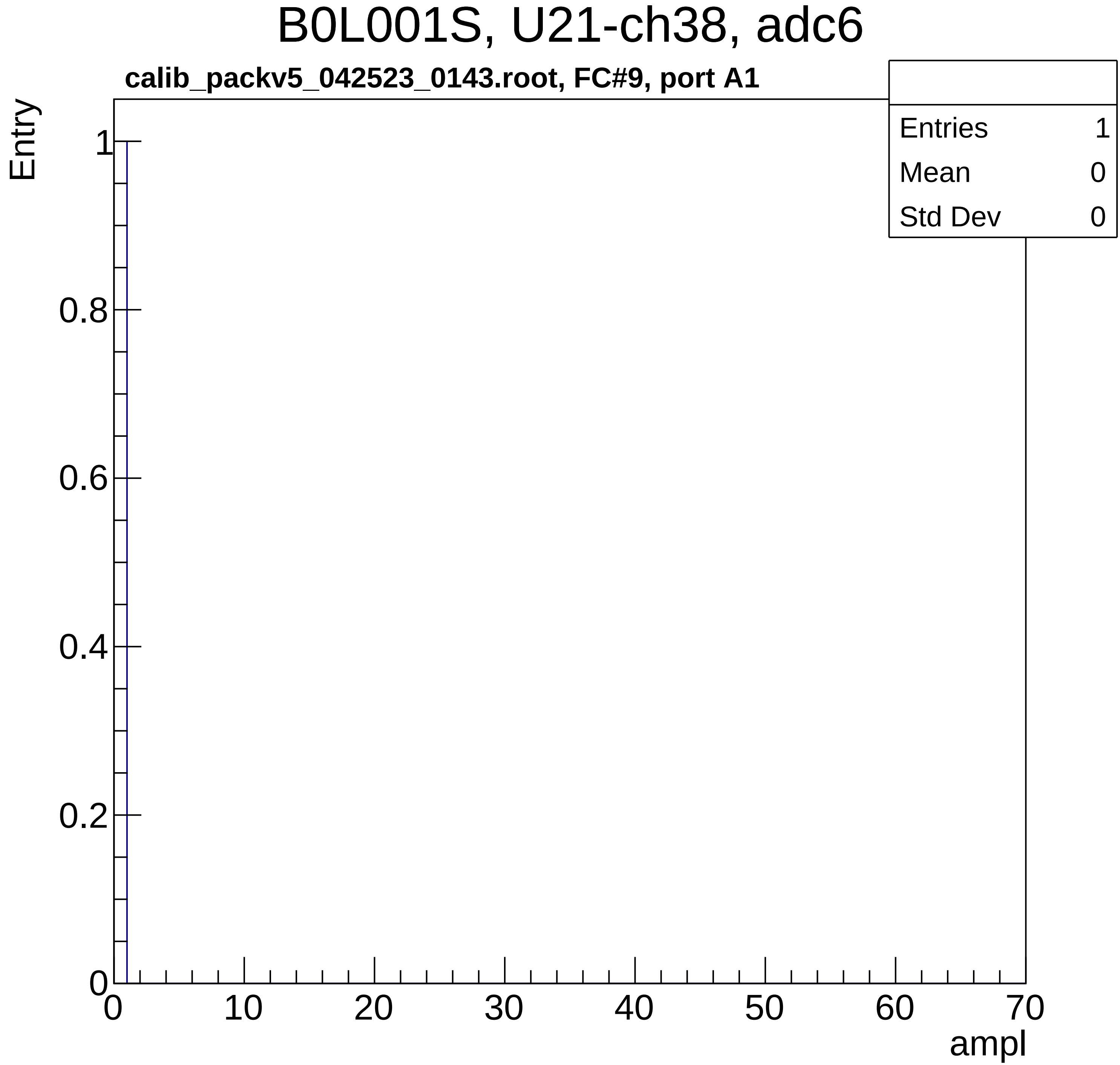

B0L001S, U21-ch38, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 45.15
Std Dev 3.24
Gaus mean : 45.5729
Gaus Width: 3.3445
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

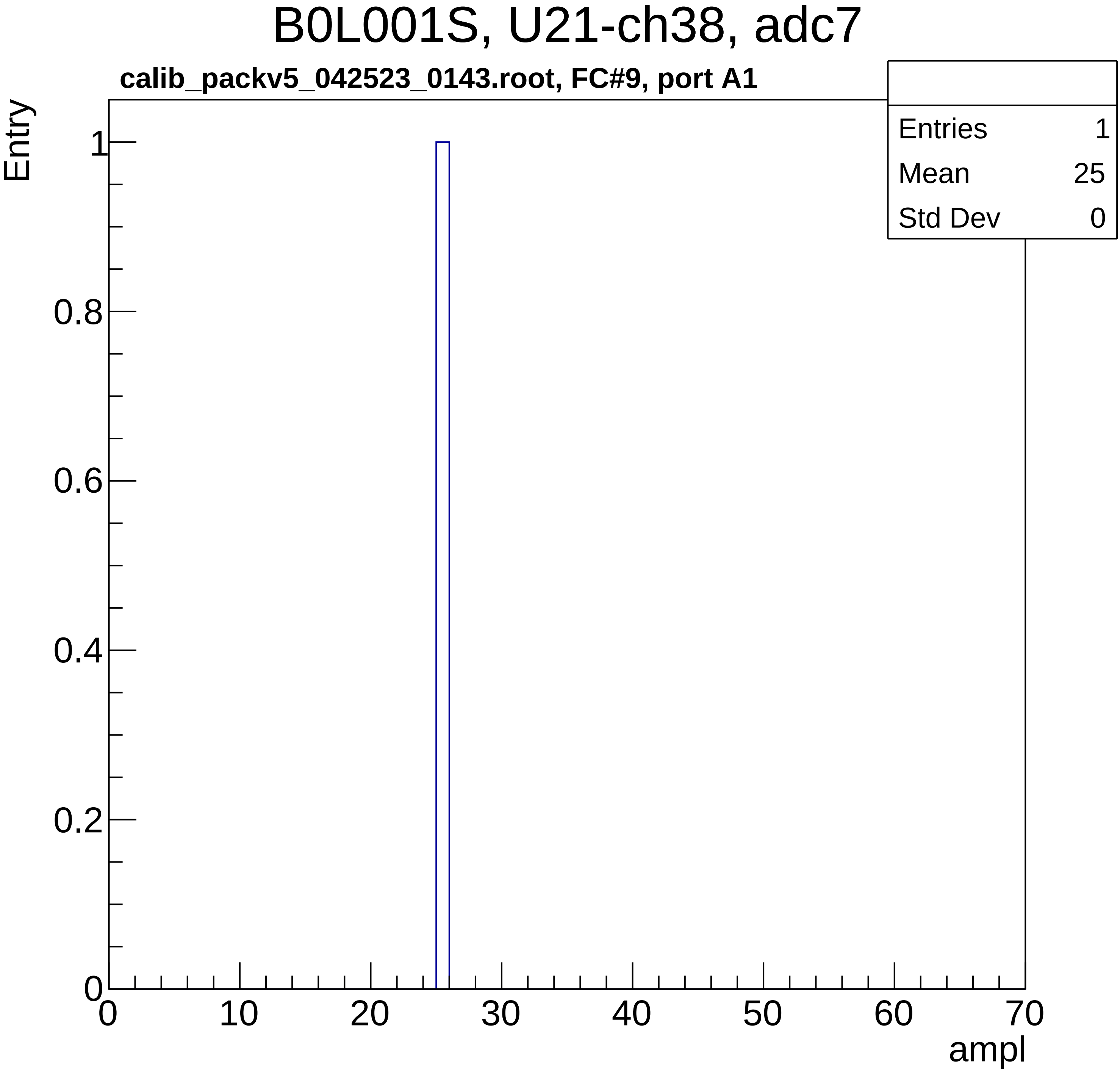
B0L001S, U21-ch38, adc3

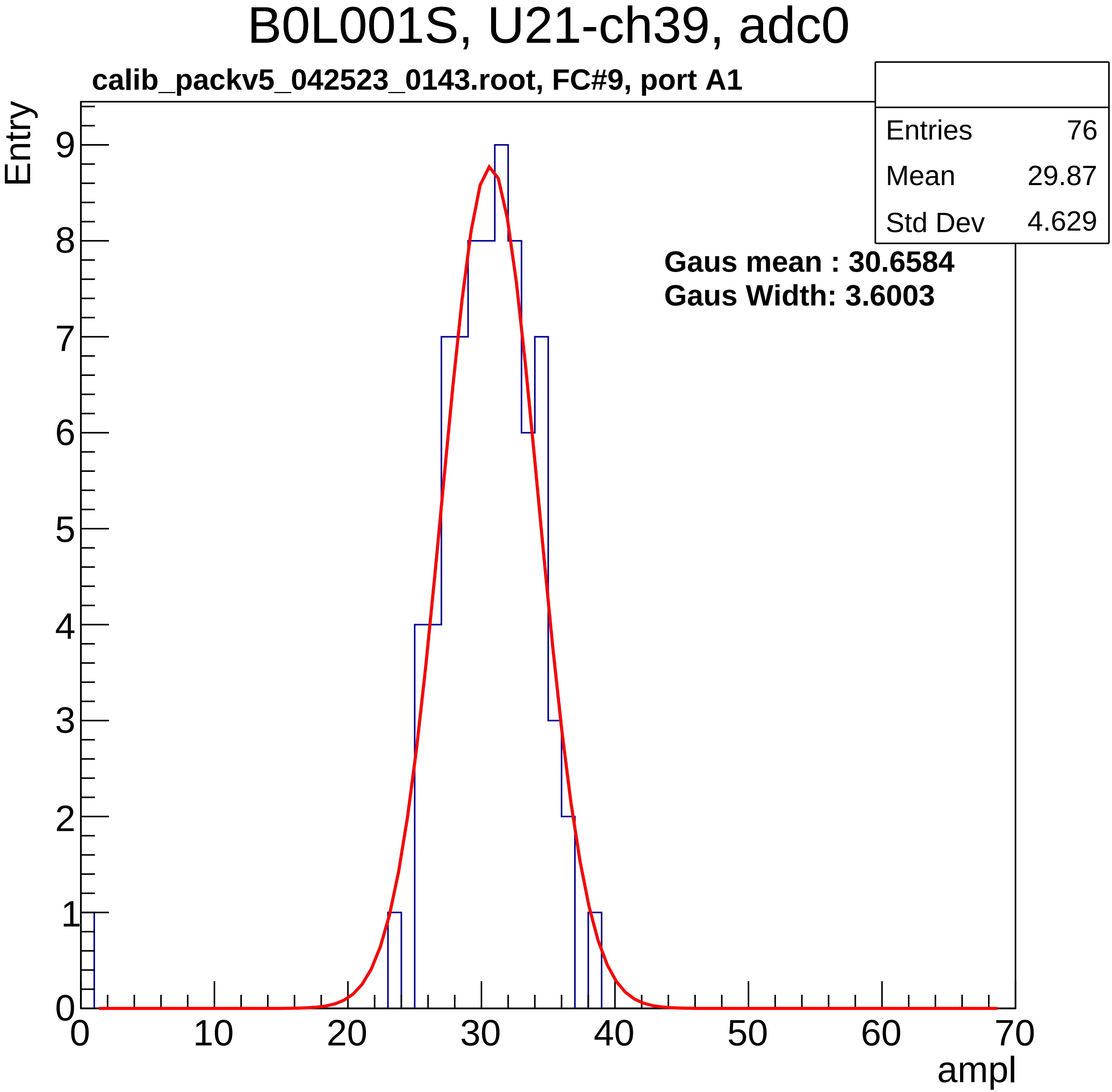


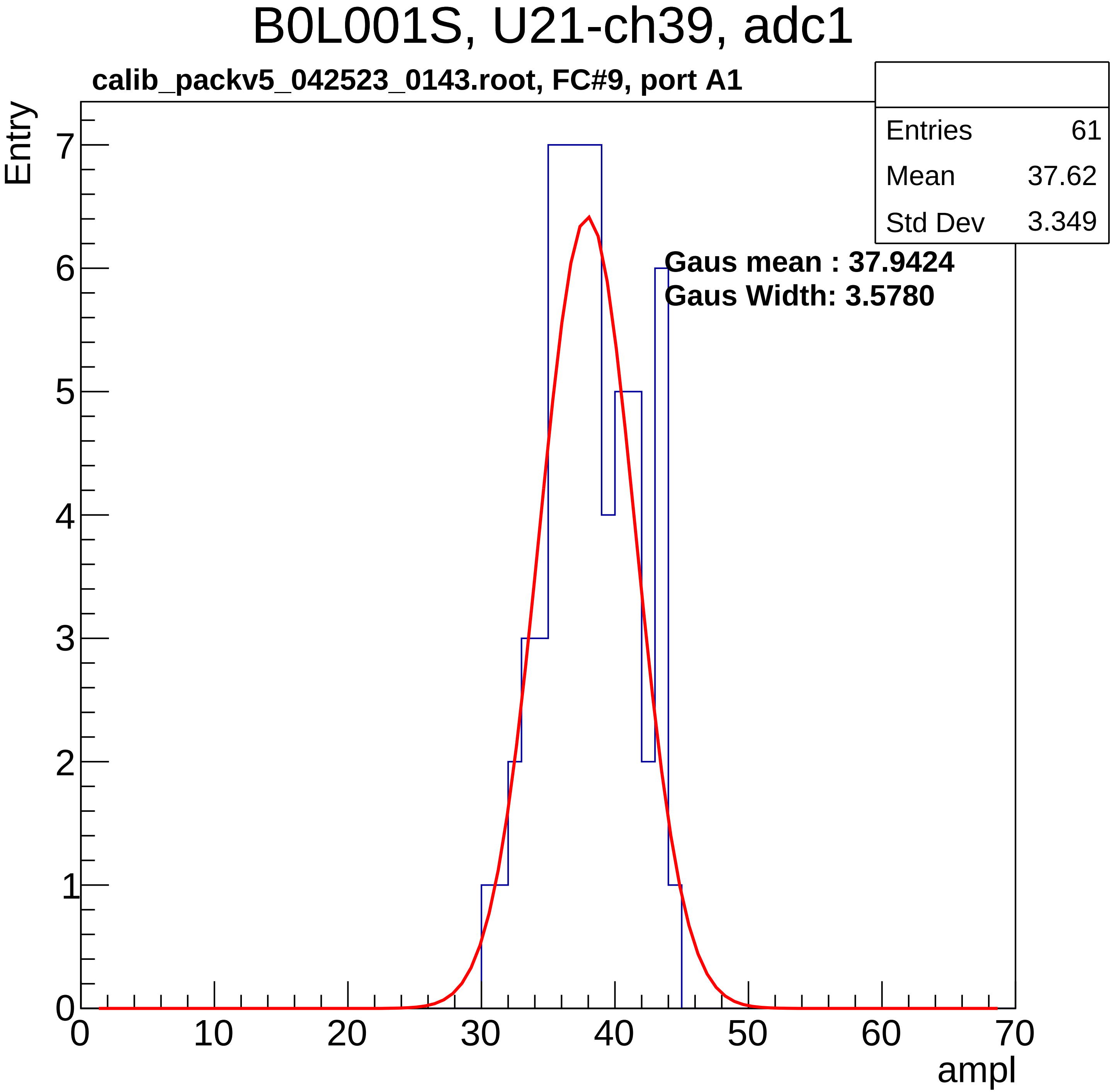

B0L001S, U21-ch38, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 58.45
Std Dev 2.74
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

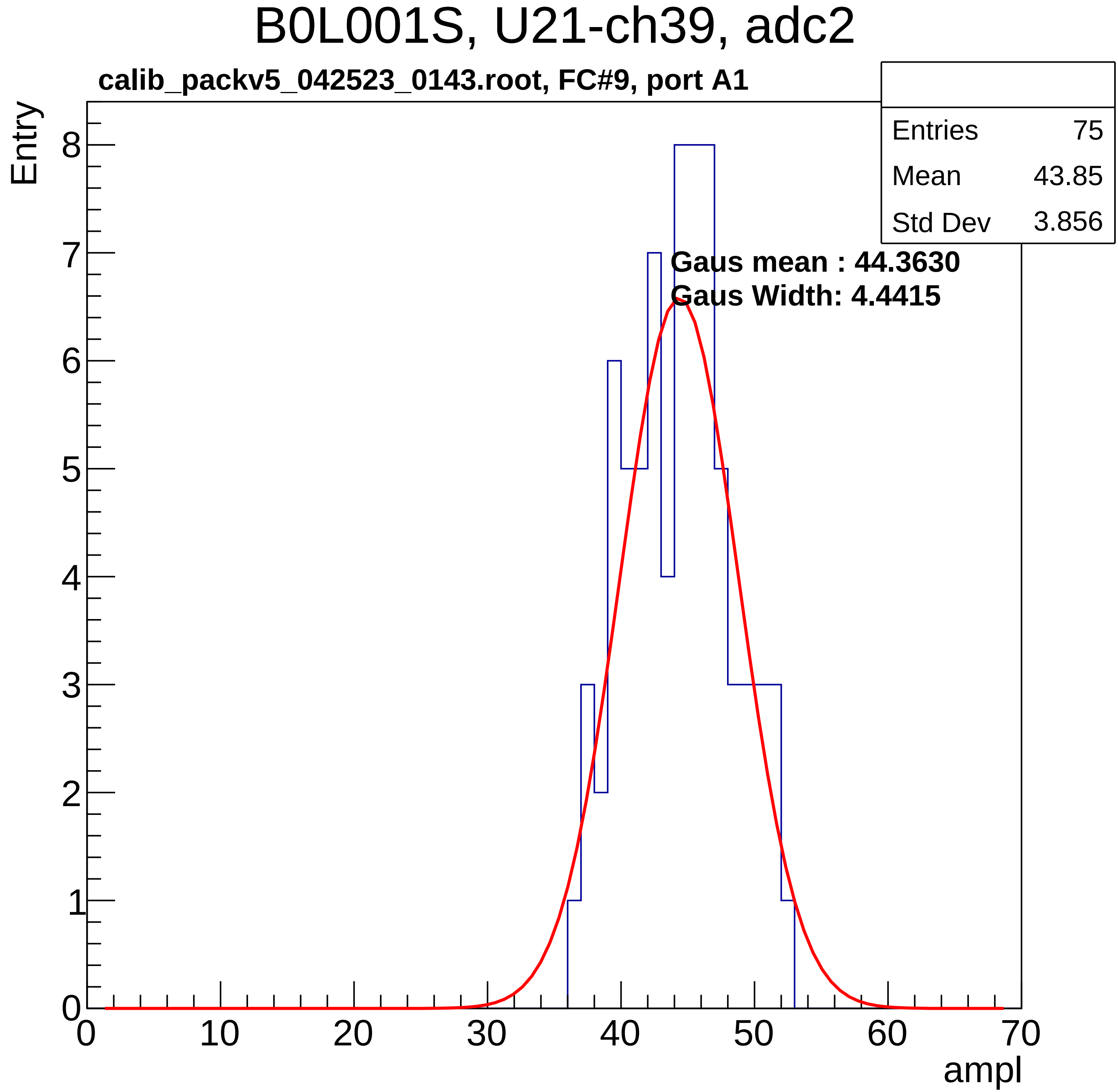

B0L001S, U21-ch38, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 20
Mean 61.15
Std Dev 1.956
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch38, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

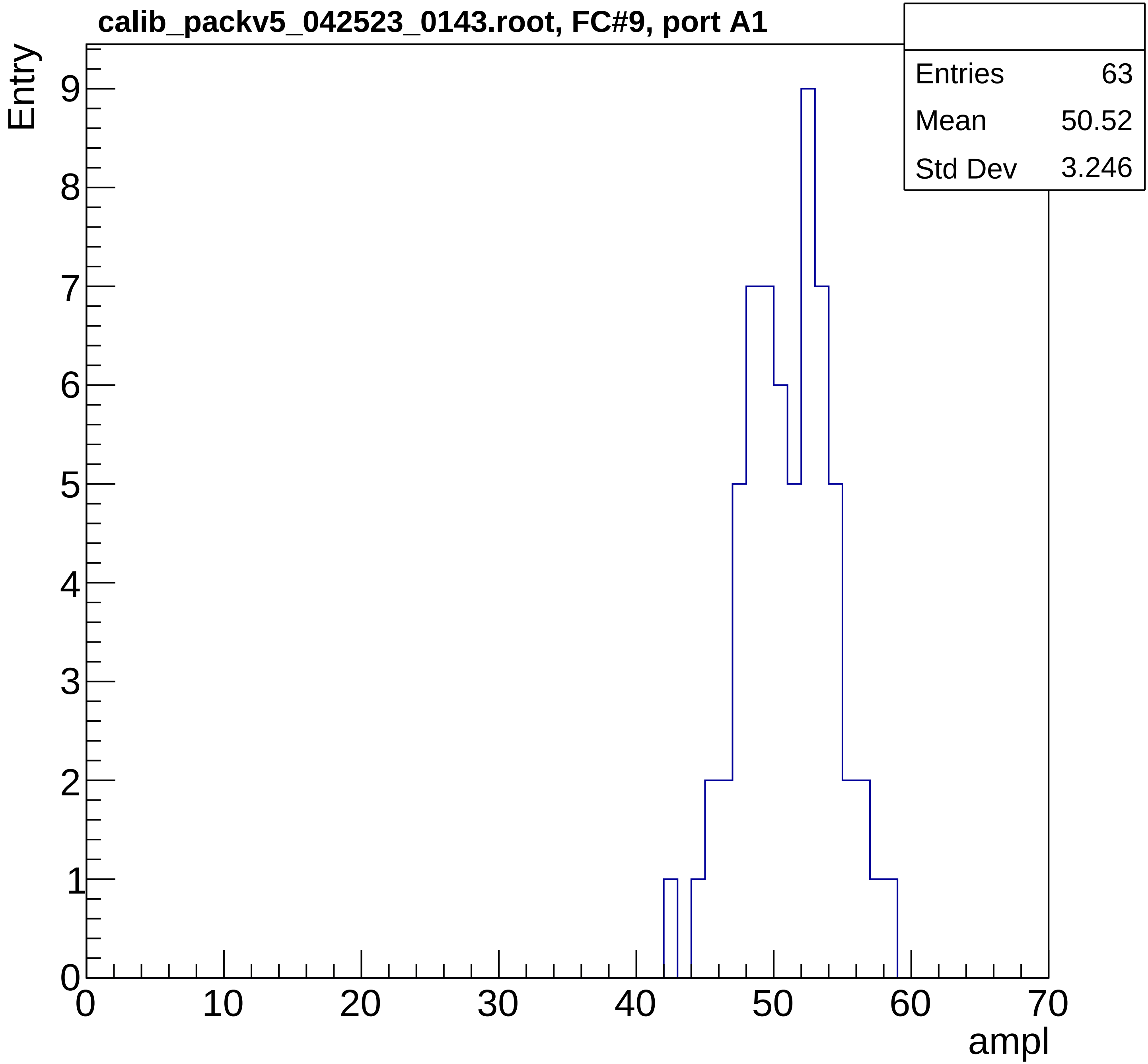

B0L001S, U21-ch38, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 25
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

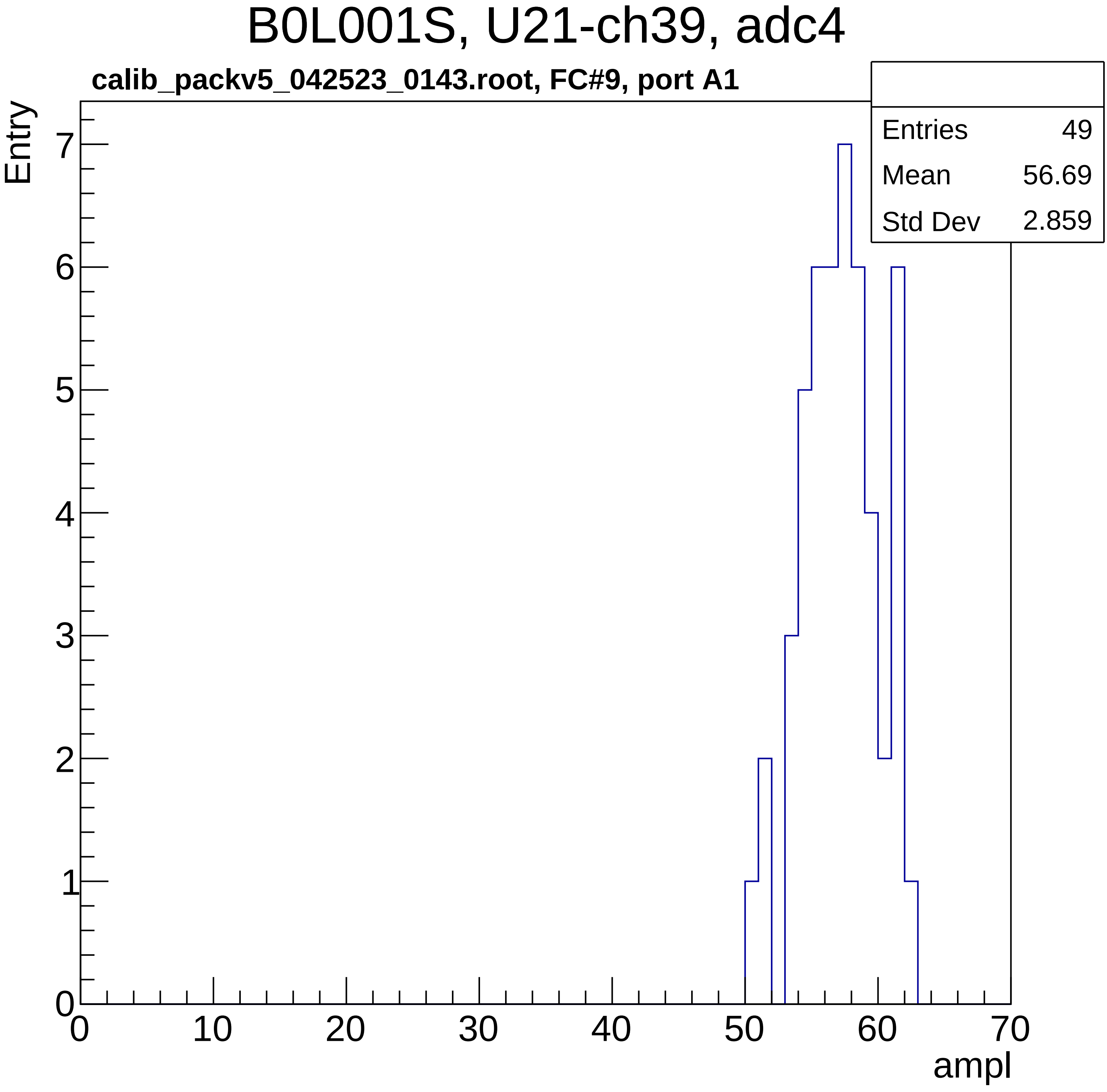

B0L001S, U21-ch39, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 29.87
Std Dev 4.629
Gaus mean : 30.6584
Gaus Width: 3.6003
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch39, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
0
10
20
30
40
50
60
70
0
1
2
3
4
5
6
7
Entries 61
Mean 37.62
Std Dev 3.349
Gaus mean : 37.9424
Gaus Width: 3.5780

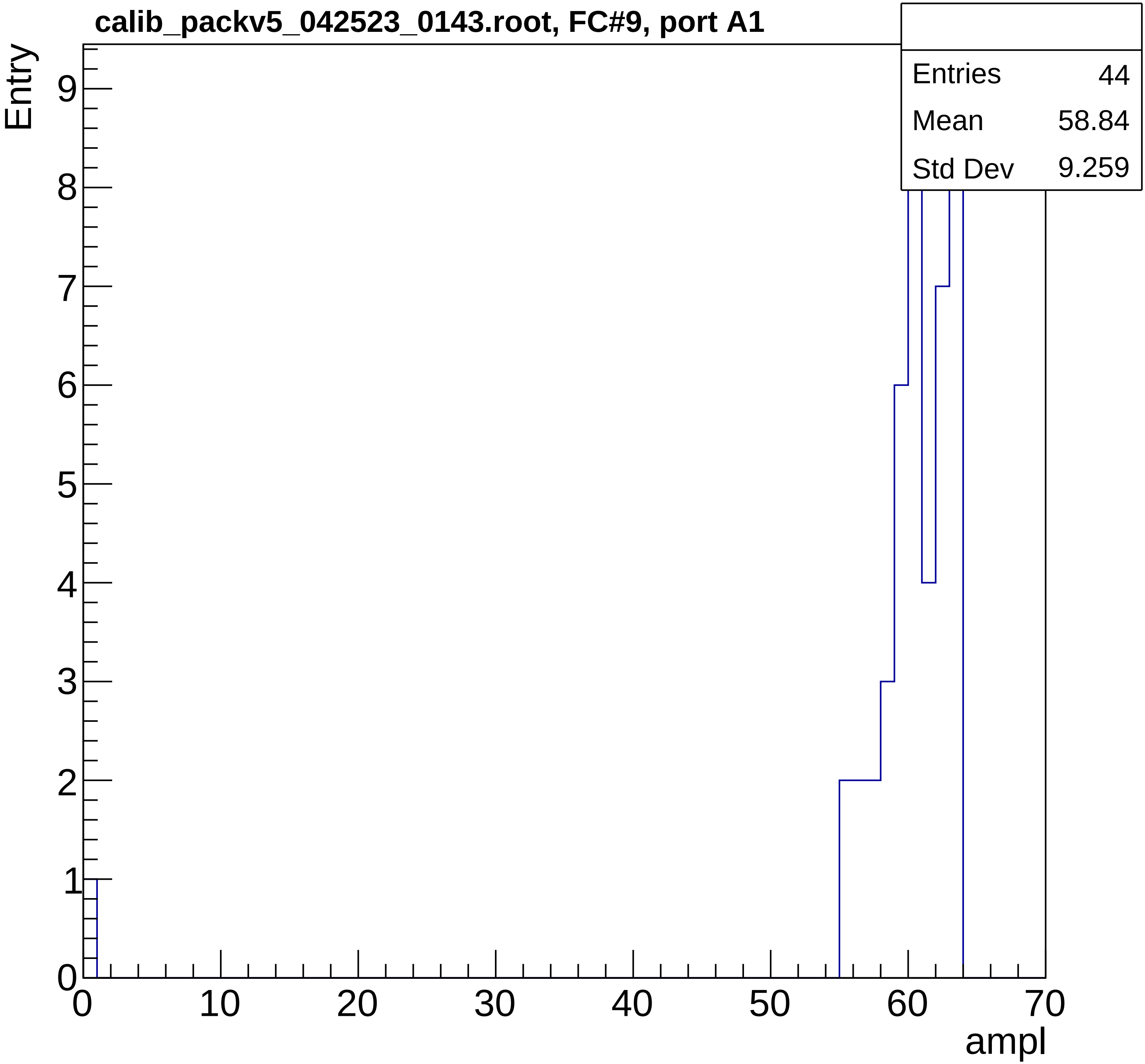

B0L001S, U21-ch39, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 43.85
Std Dev 3.856
Gaus mean : 44.3630
Gaus Width: 4.4415
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

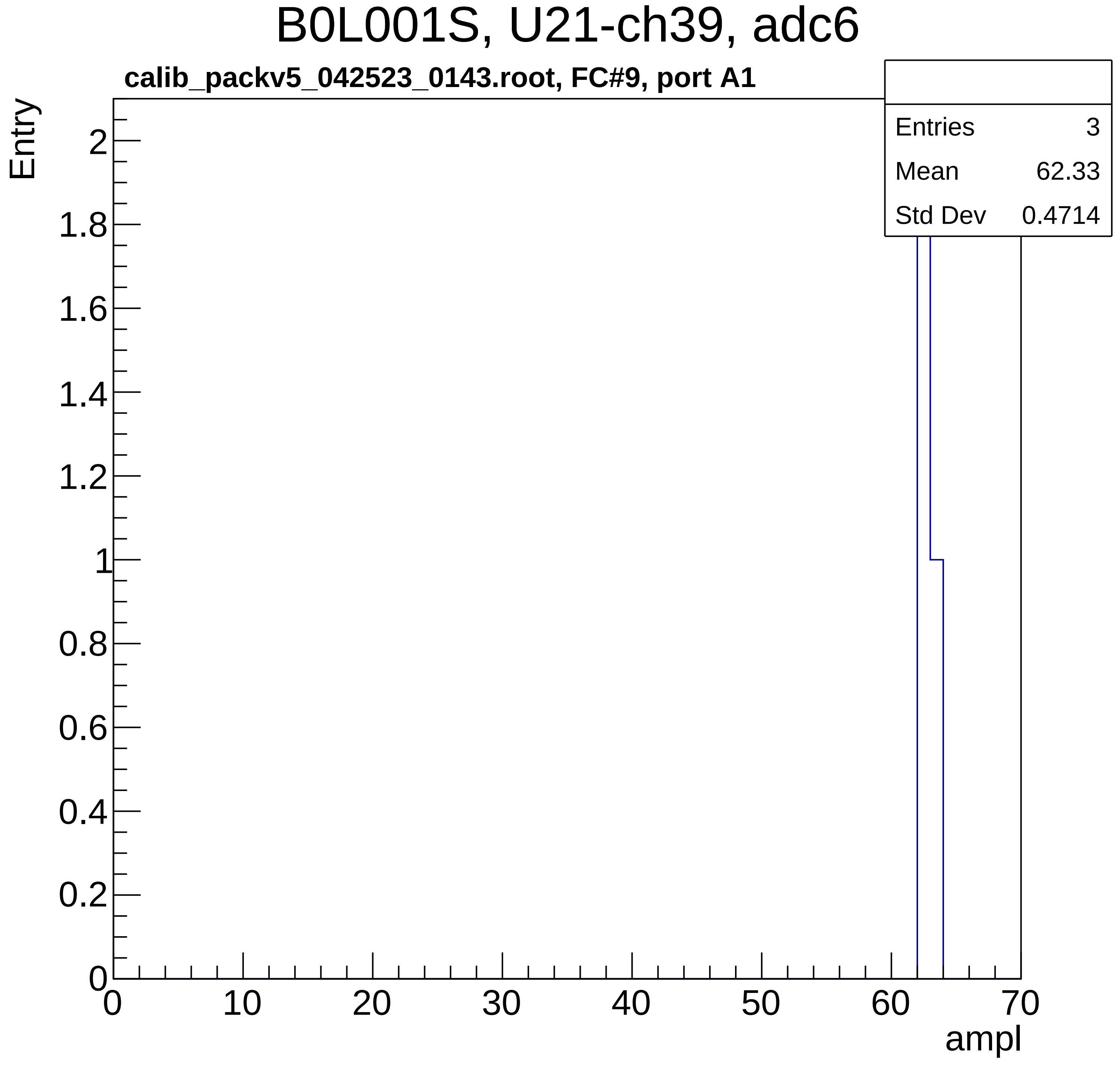
B0L001S, U21-ch39, adc3




B0L001S, U21-ch39, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 56.69
Std Dev 2.859
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

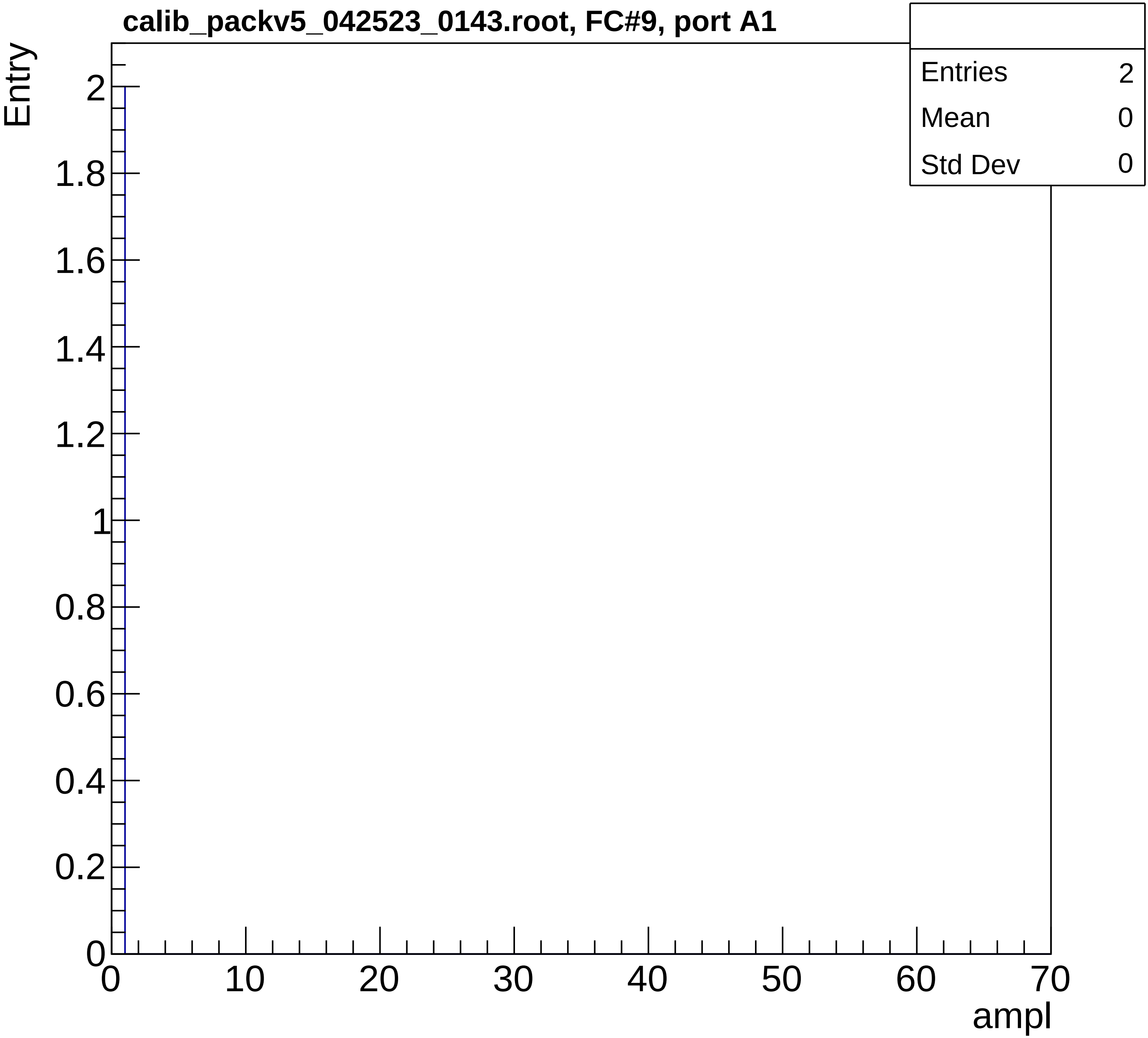
B0L001S, U21-ch39, adc5

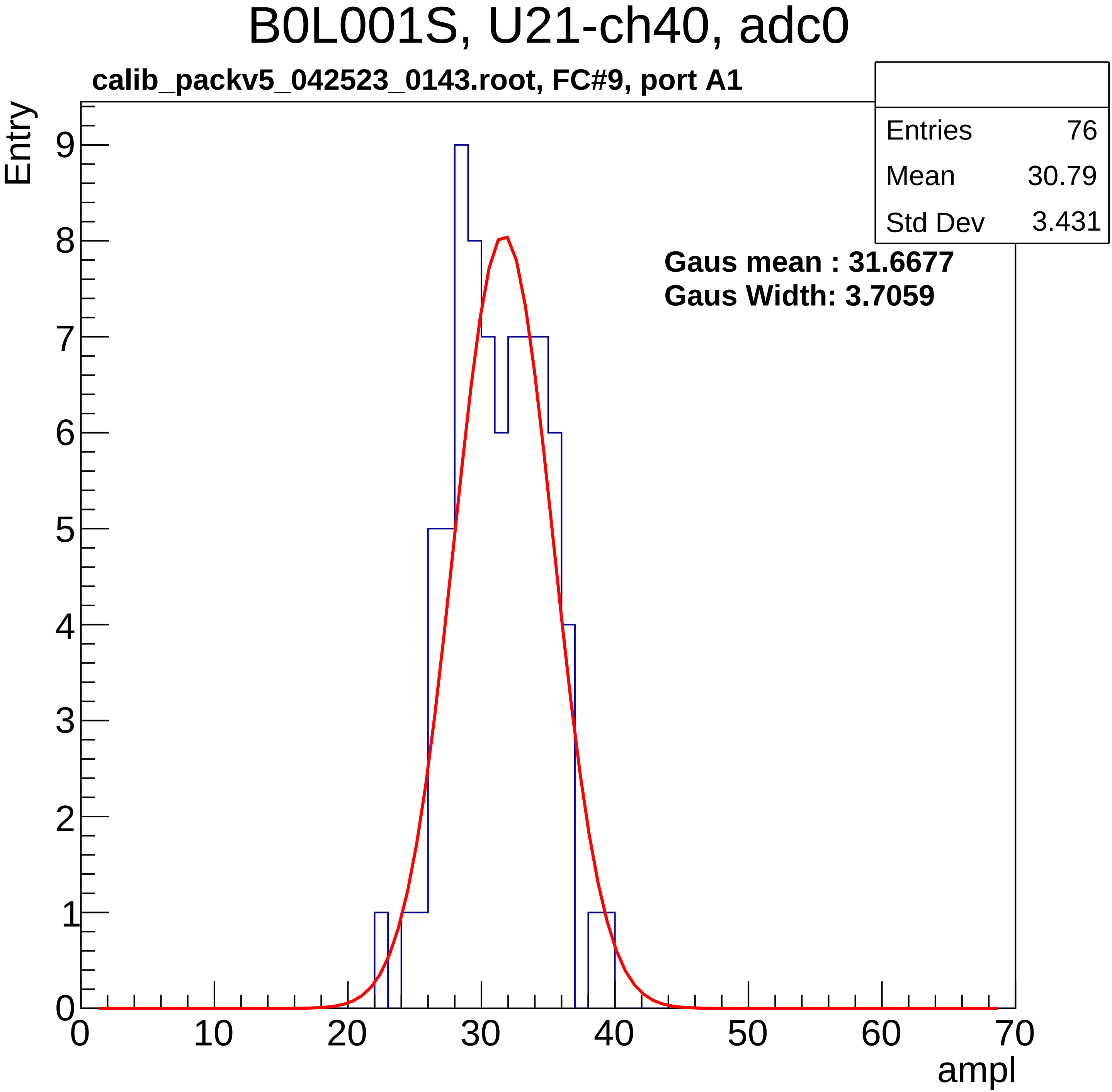


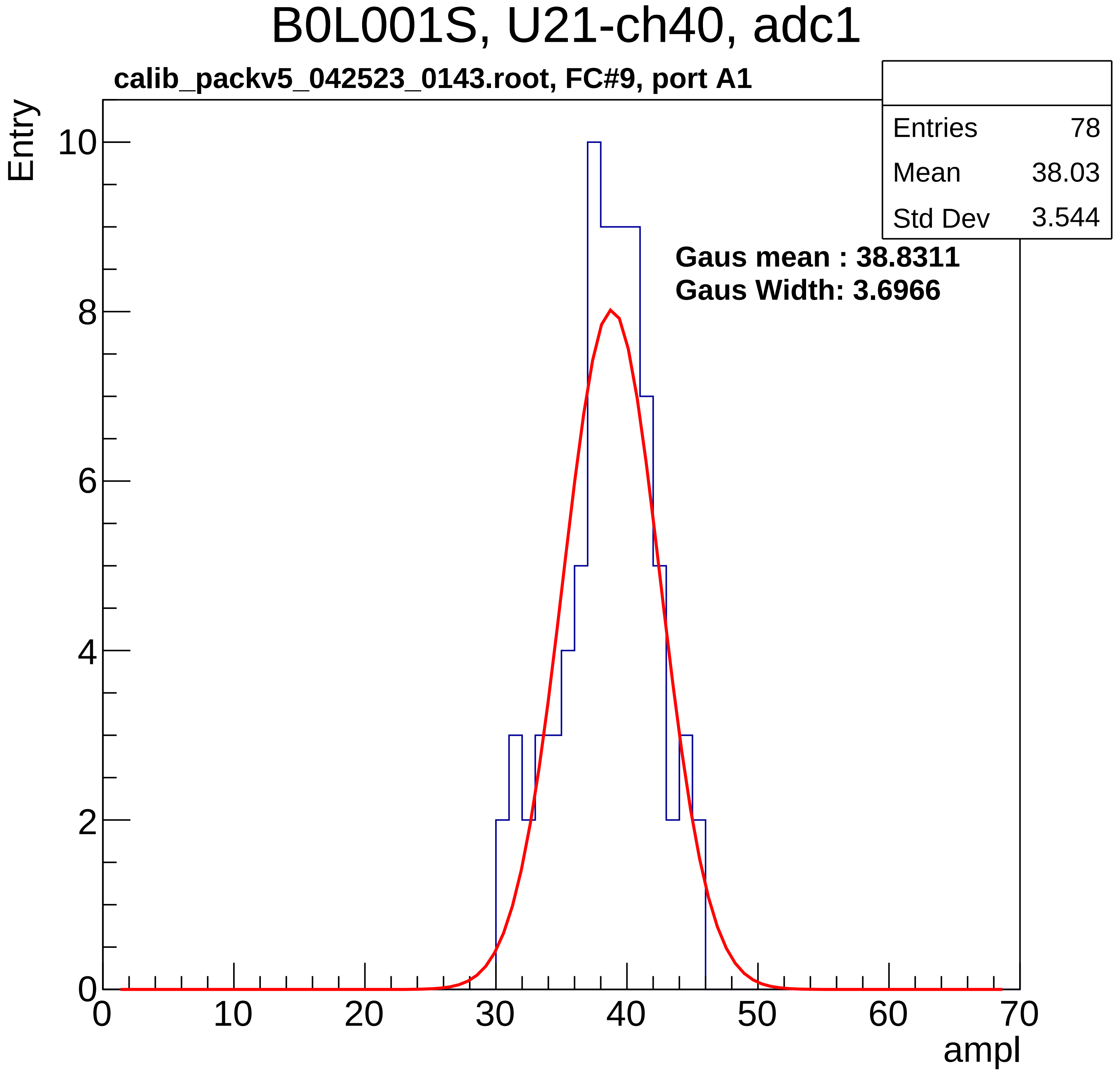

B0L001S, U21-ch39, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 3
Mean 62.33
Std Dev 0.4714
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

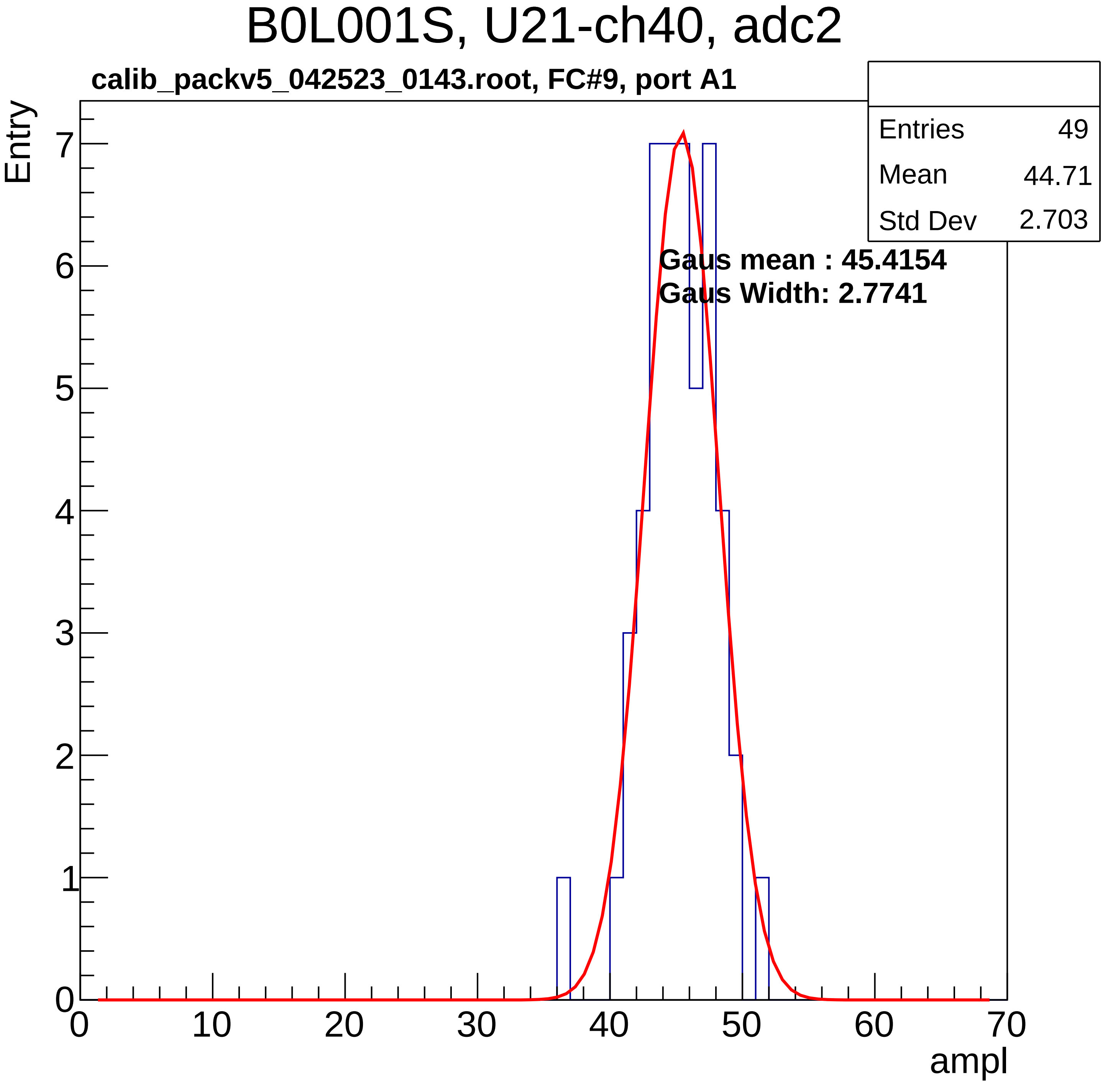
B0L001S, U21-ch39, adc7

calib_packv5_042523_0143.root, FC#9, port A1

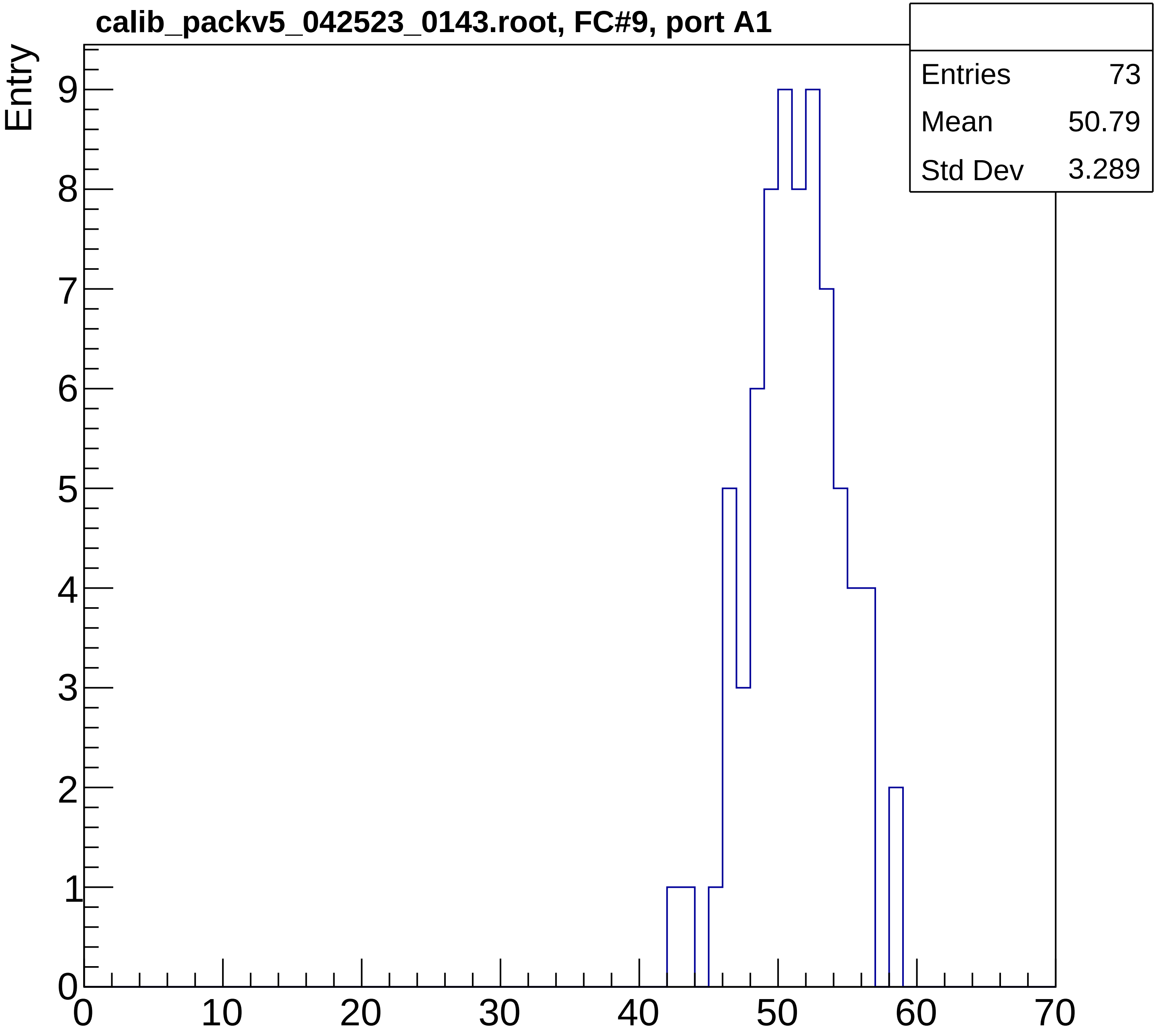


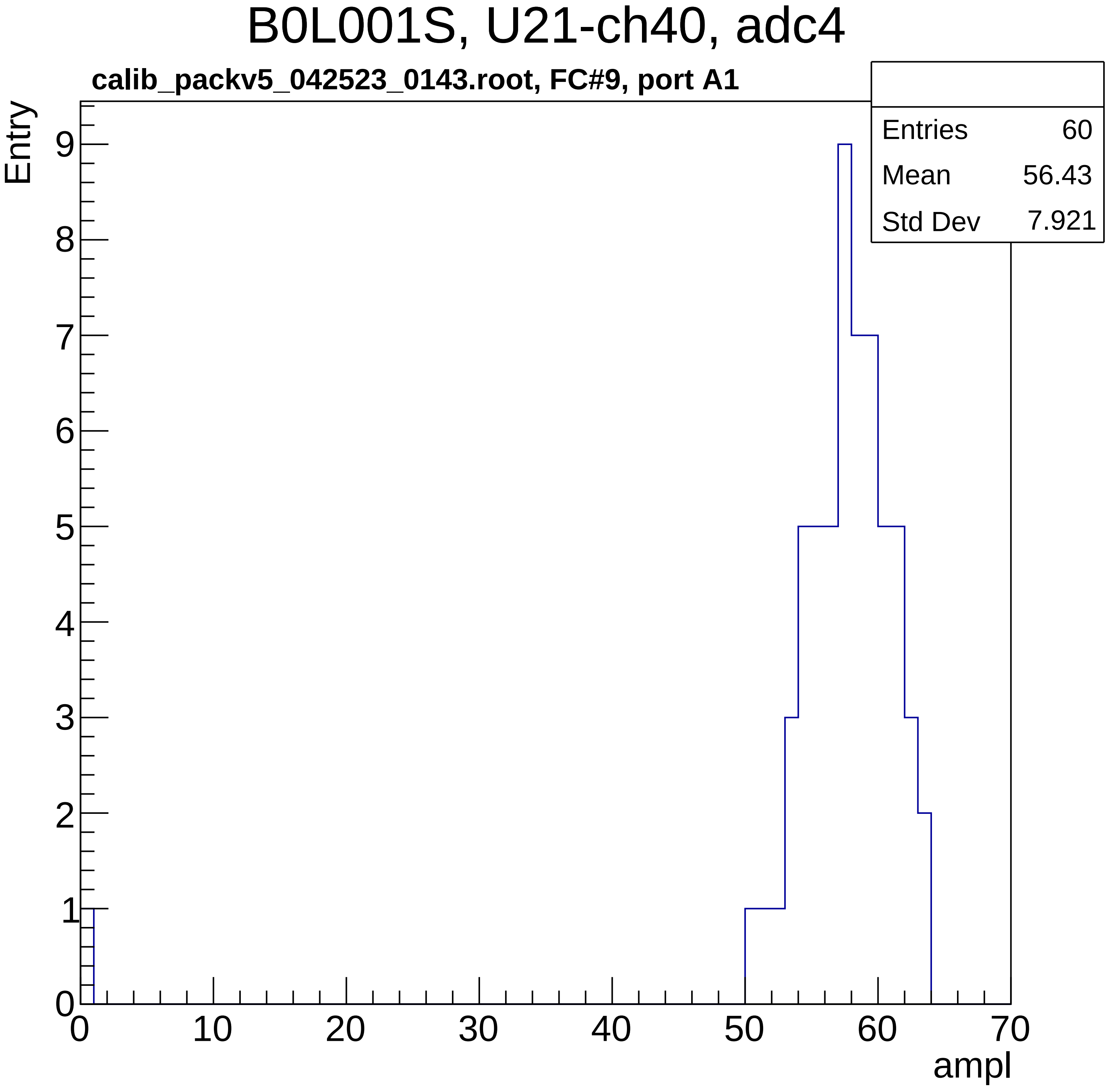

B0L001S, U21-ch40, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 30.79
Std Dev 3.431
Gaus mean : 31.6677
Gaus Width: 3.7059
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

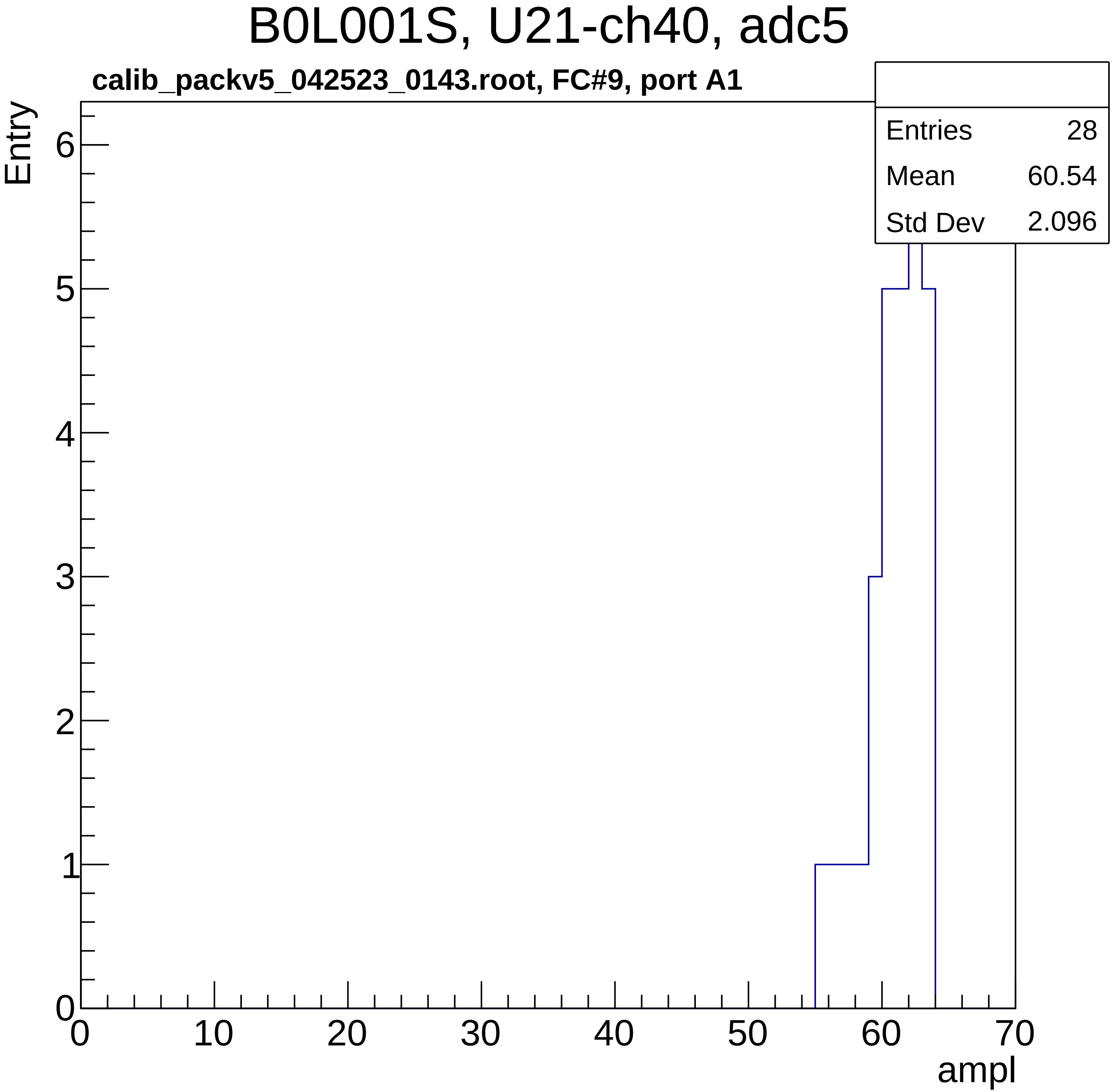

B0L001S, U21-ch40, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 38.03
Std Dev 3.544
Gaus mean : 38.8311
Gaus Width: 3.6966
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch40, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 44.71
Std Dev 2.703
Gaus mean : 45.4154
Gaus Width: 2.7741
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

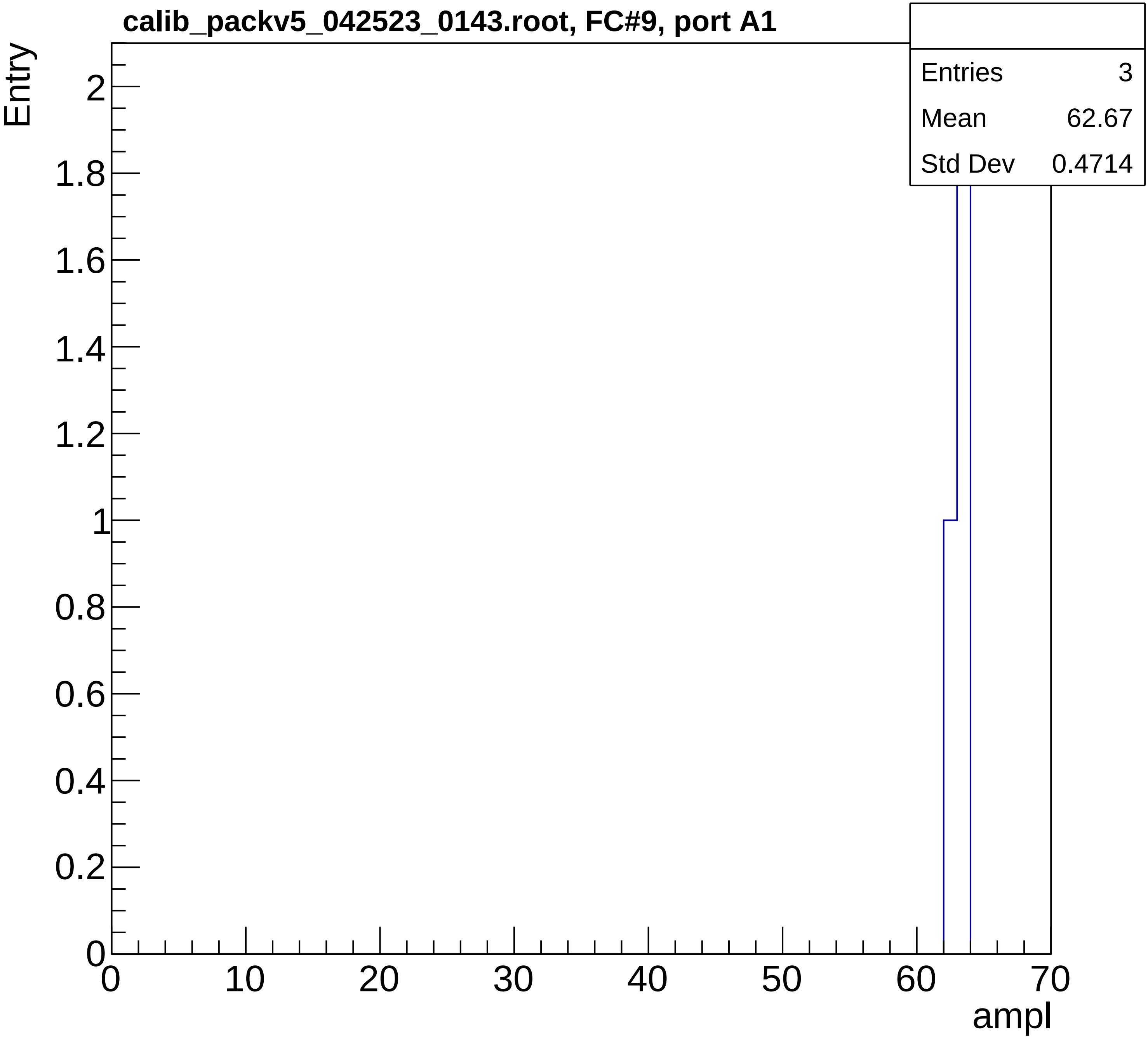
B0L001S, U21-ch40, adc3

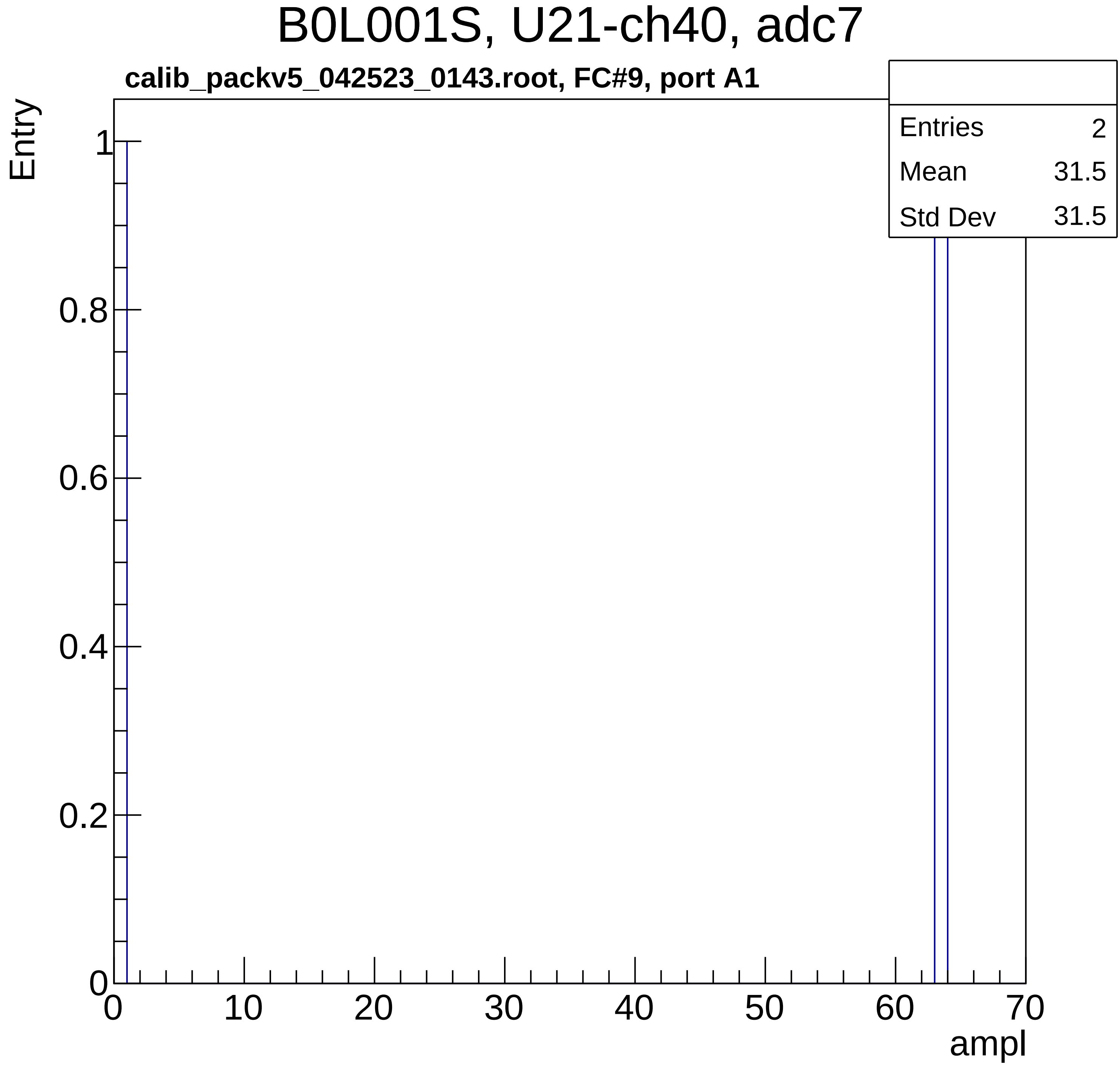


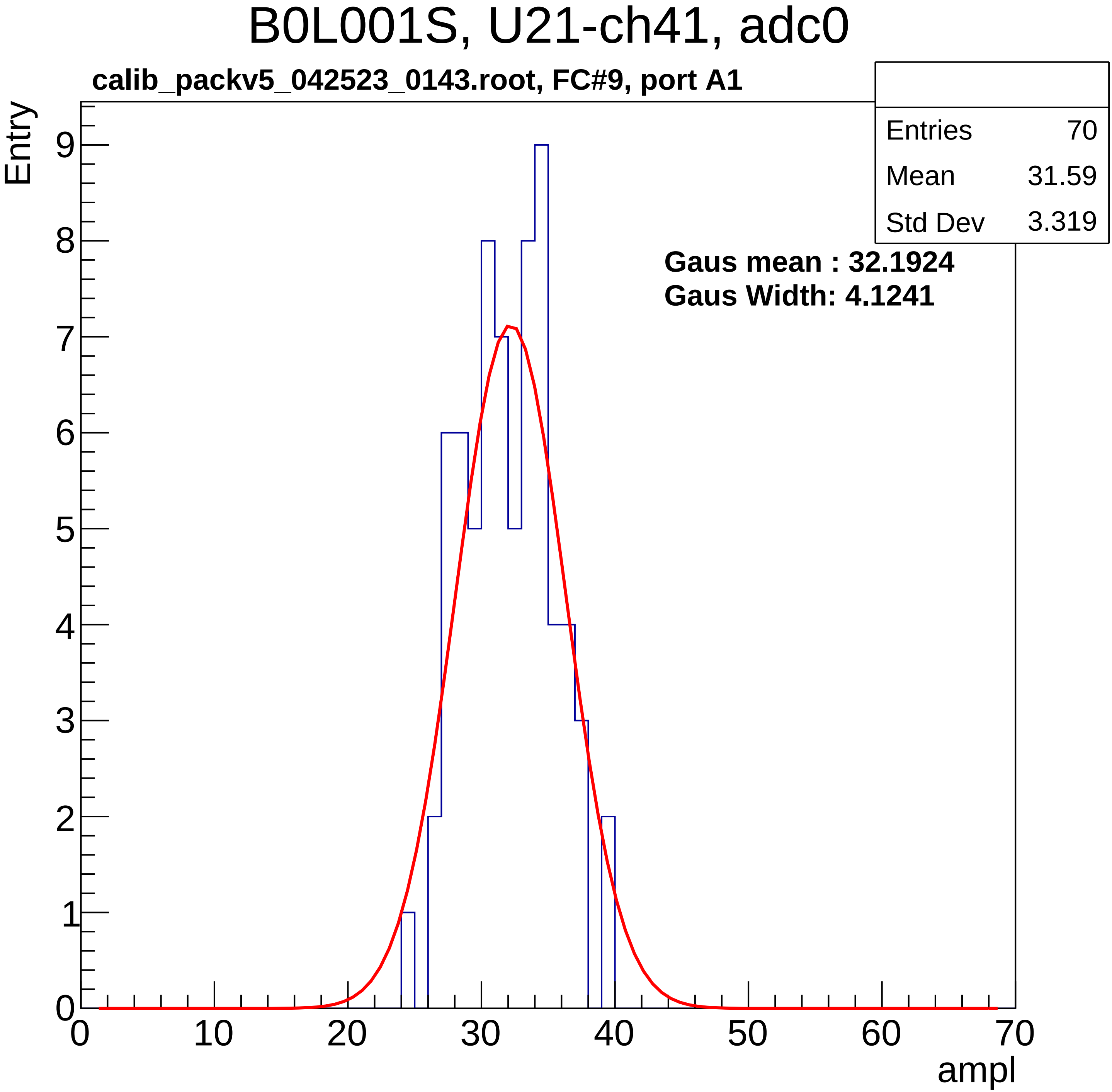

B0L001S, U21-ch40, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 56.43
Std Dev 7.921
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

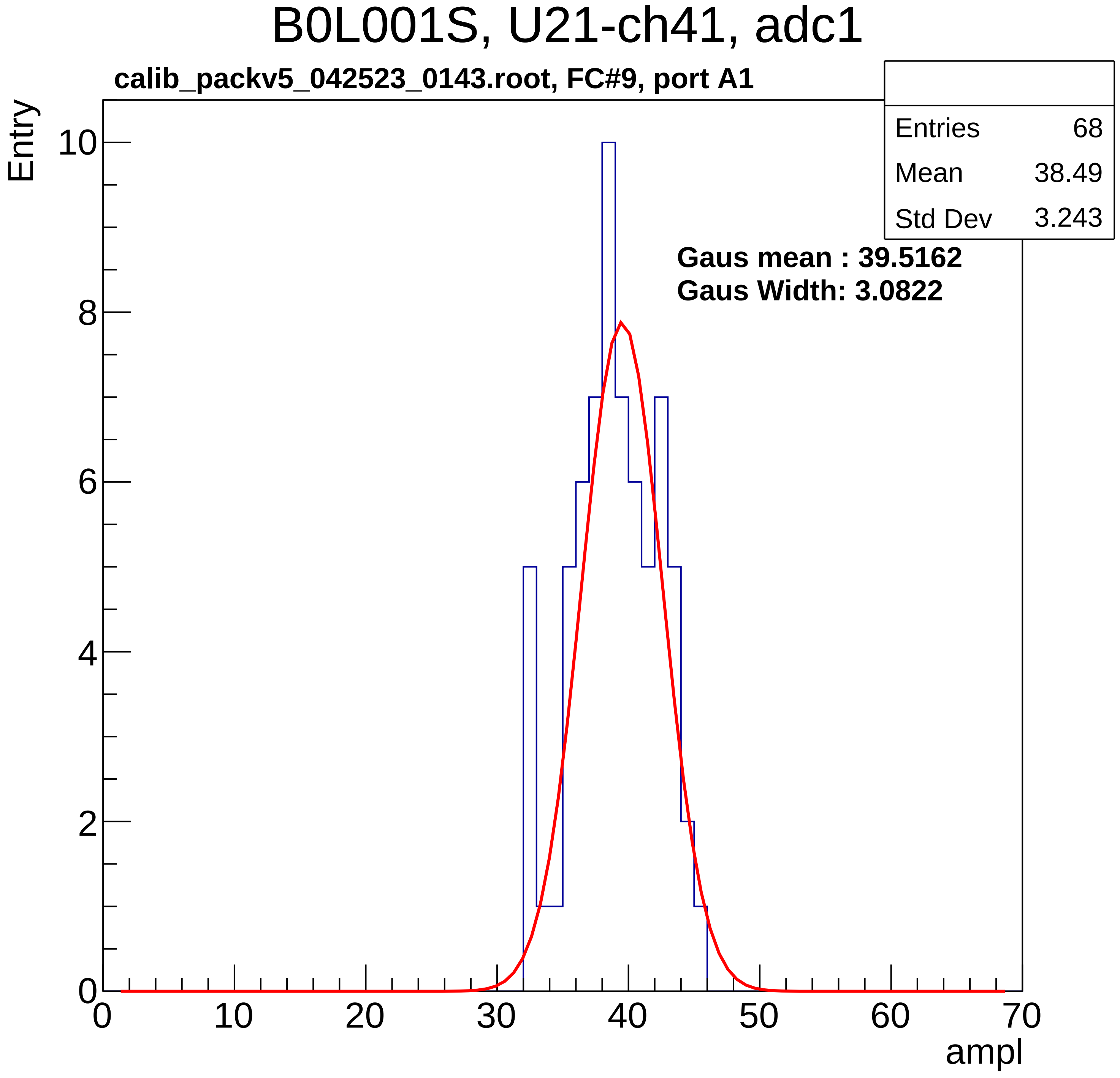

B0L001S, U21-ch40, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 28
Mean 60.54
Std Dev 2.096
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

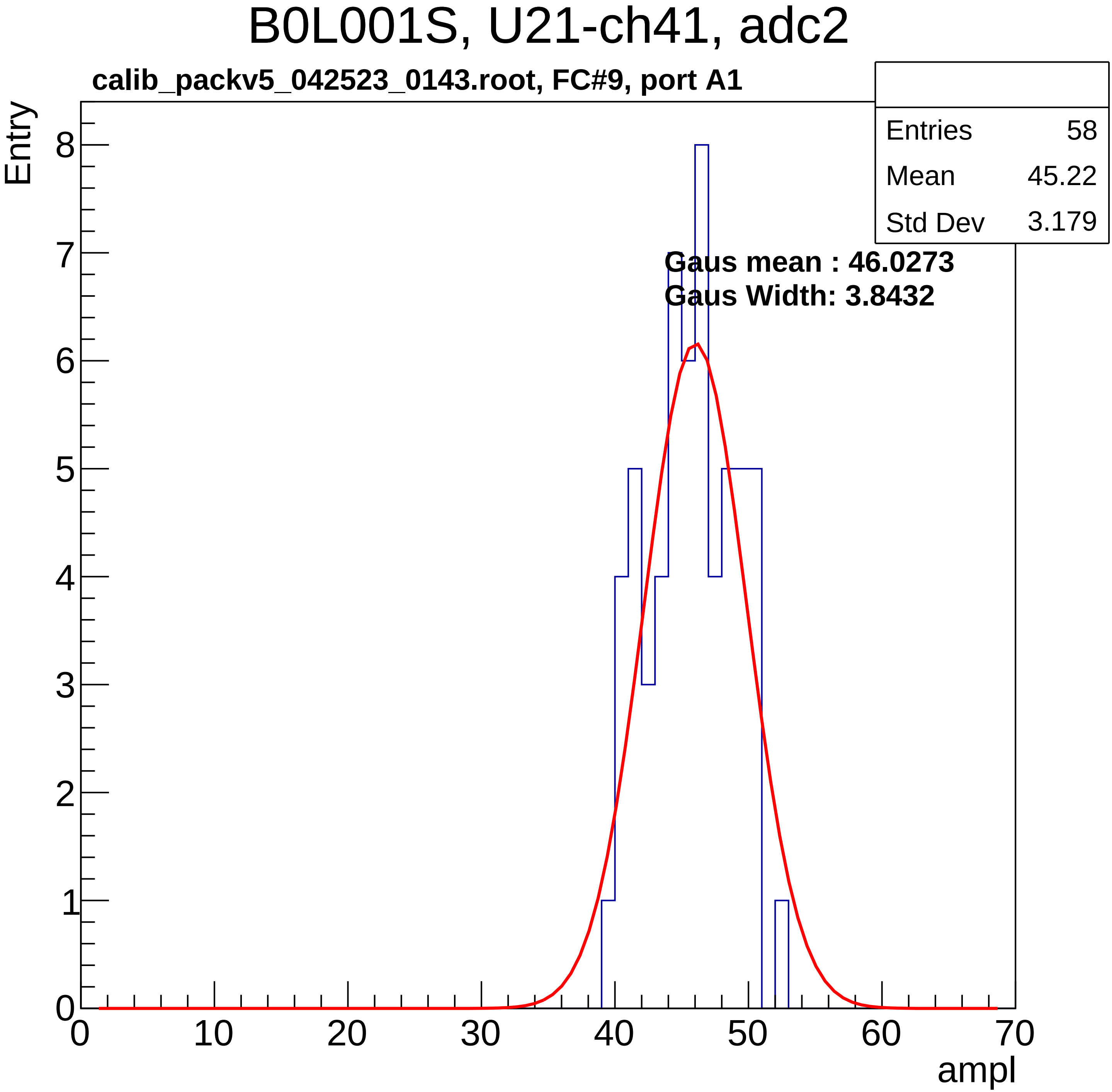
B0L001S, U21-ch40, adc6

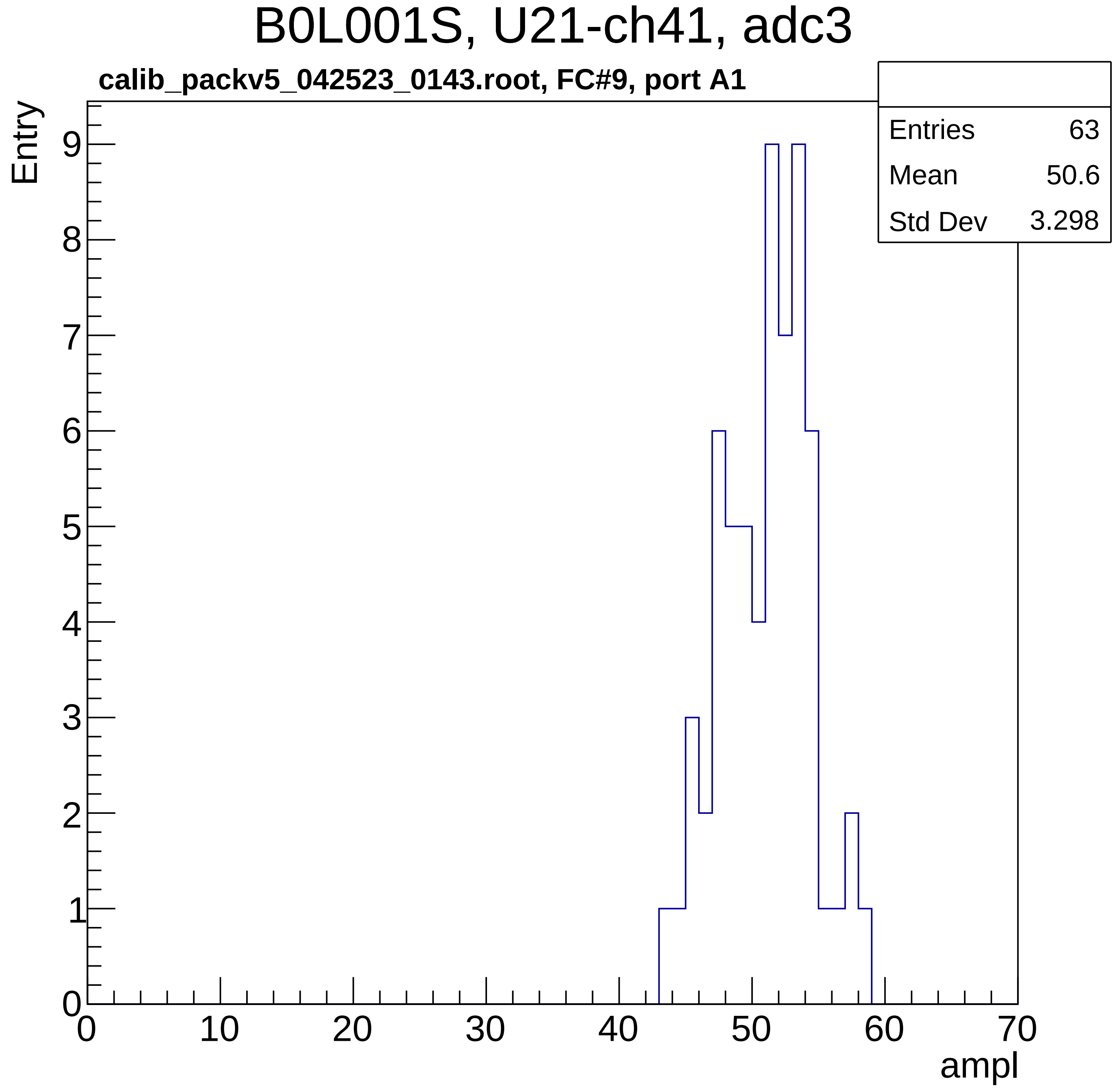



B0L001S, U21-ch40, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch41, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 70
Mean 31.59
Std Dev 3.319
Gaus mean : 32.1924
Gaus Width: 4.1241
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

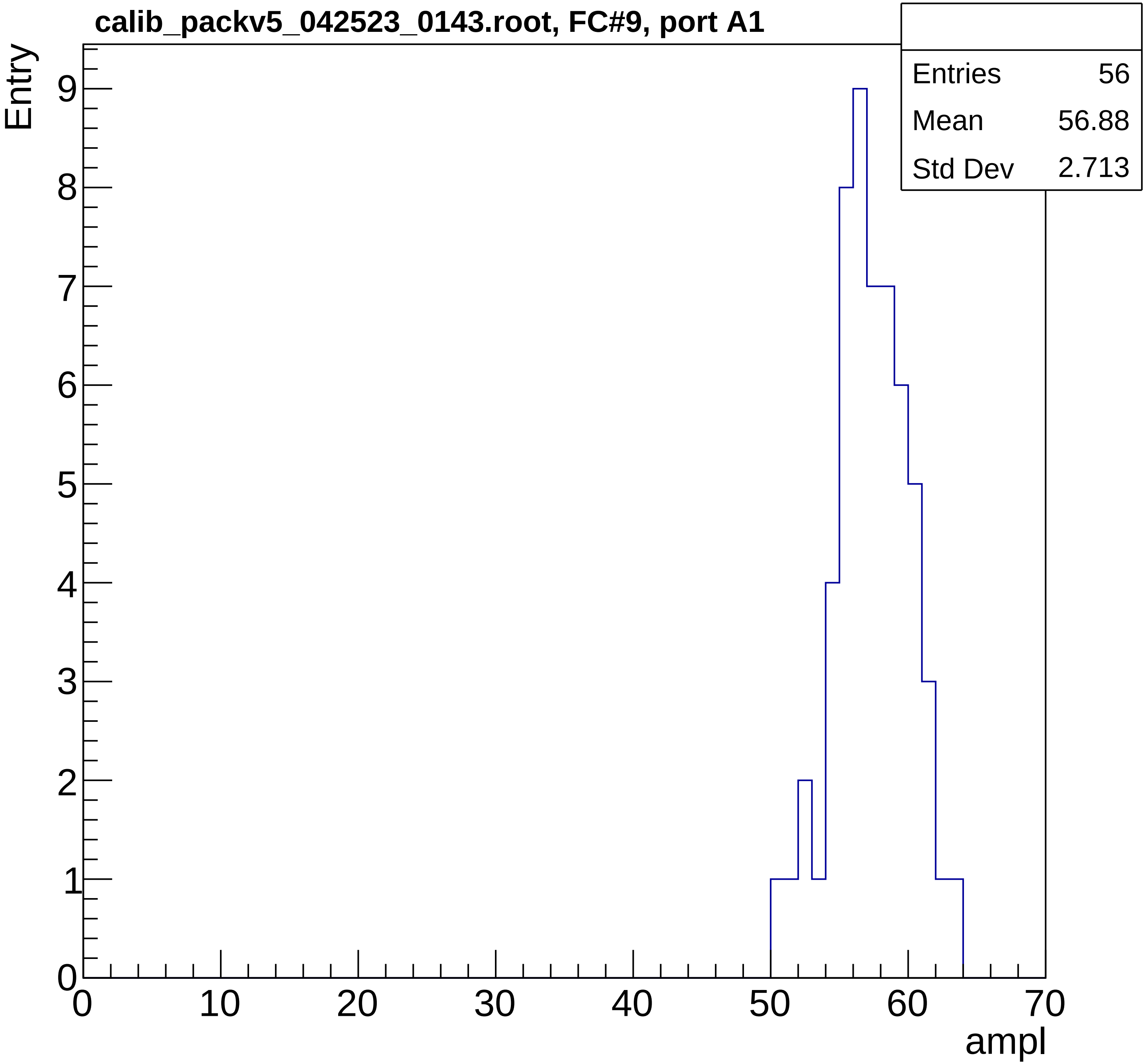

B0L001S, U21-ch41, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 38.49
Std Dev 3.243
Gaus mean : 39.5162
Gaus Width: 3.0822
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch41, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 45.22
Std Dev 3.179
Gaus mean : 46.0273
Gaus Width: 3.8432
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch41, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 50.6
Std Dev 3.298
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

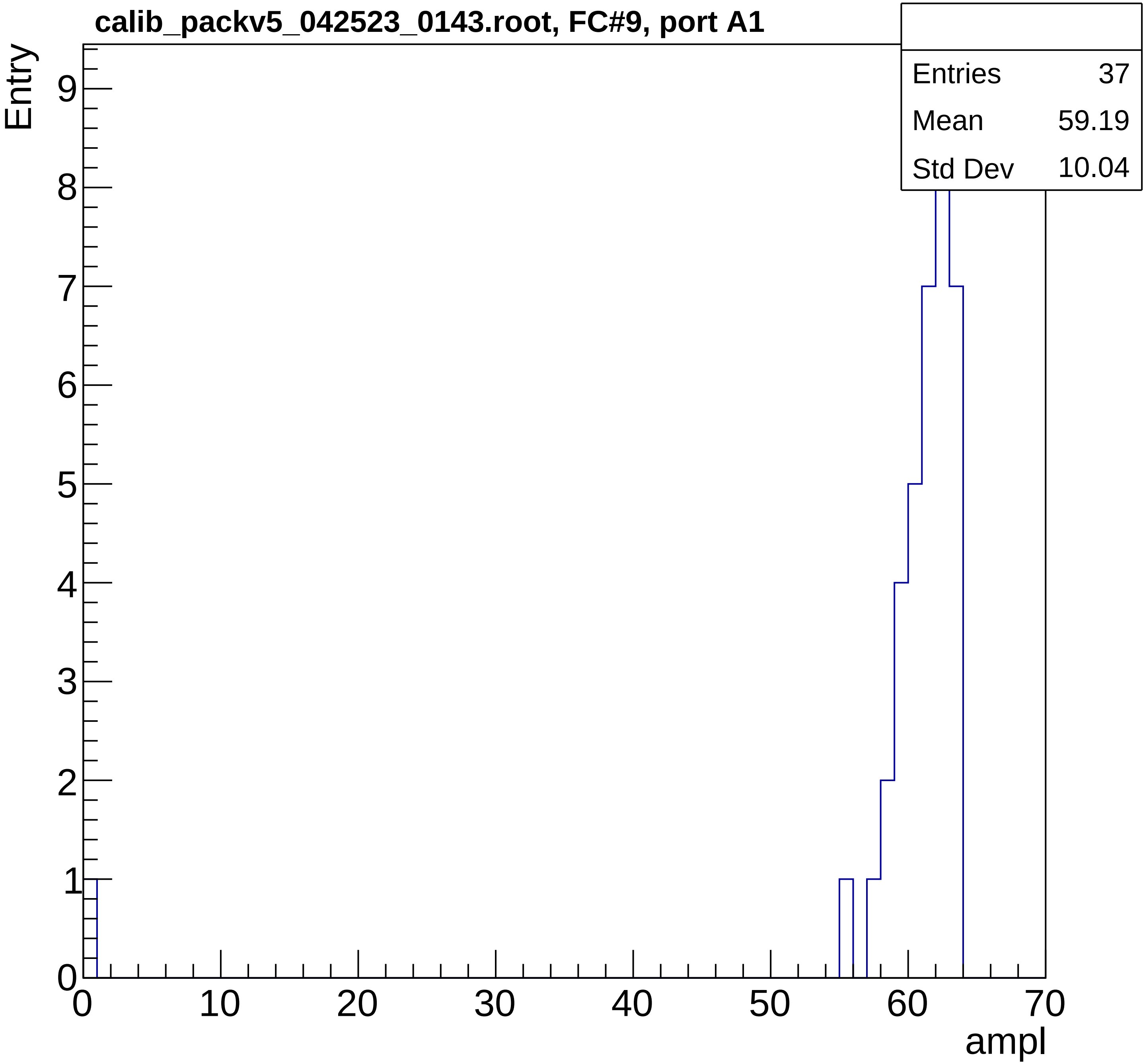
B0L001S, U21-ch41, adc4

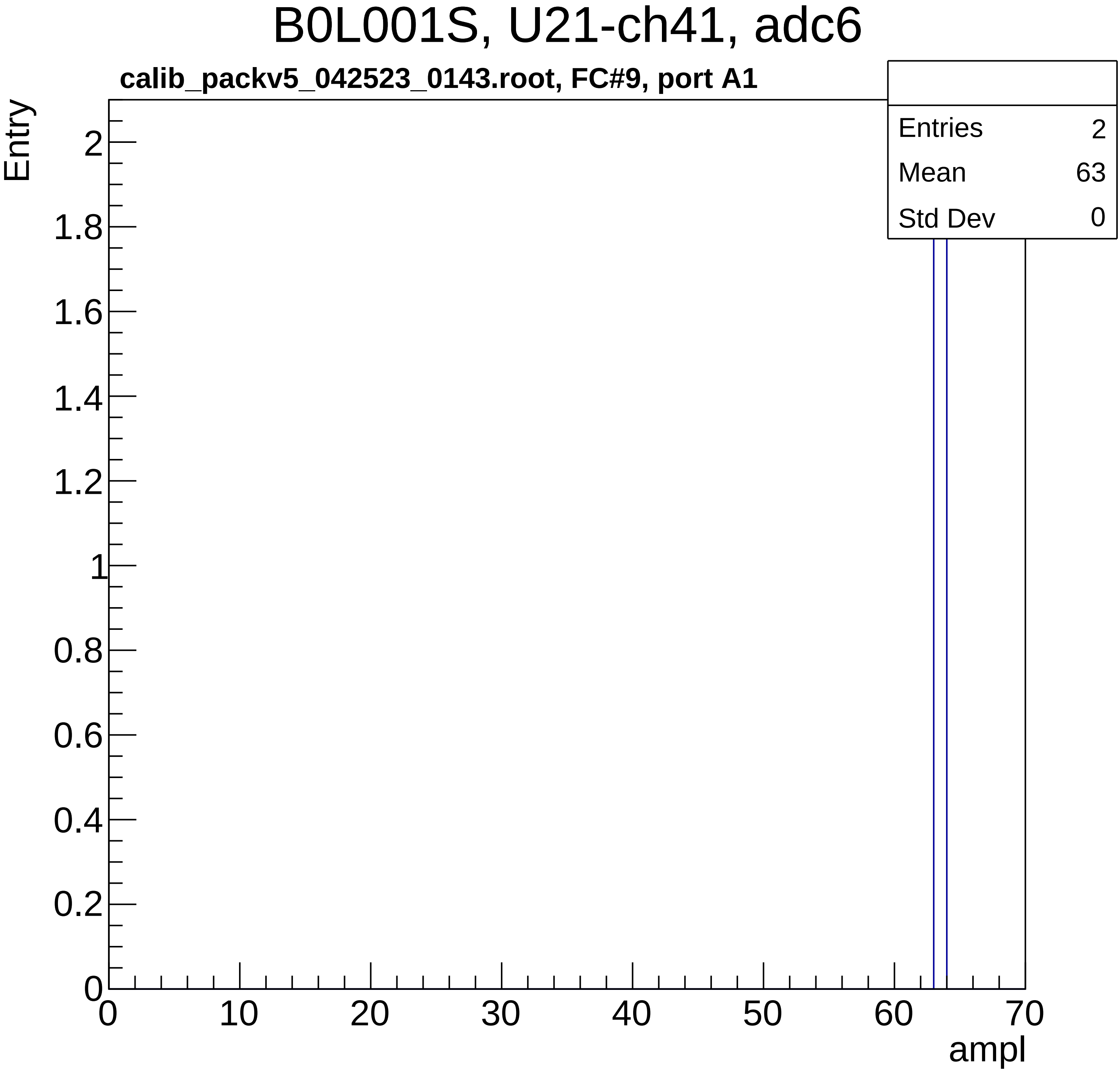
calib_packv5_042523_0143.root, FC#9, port A1



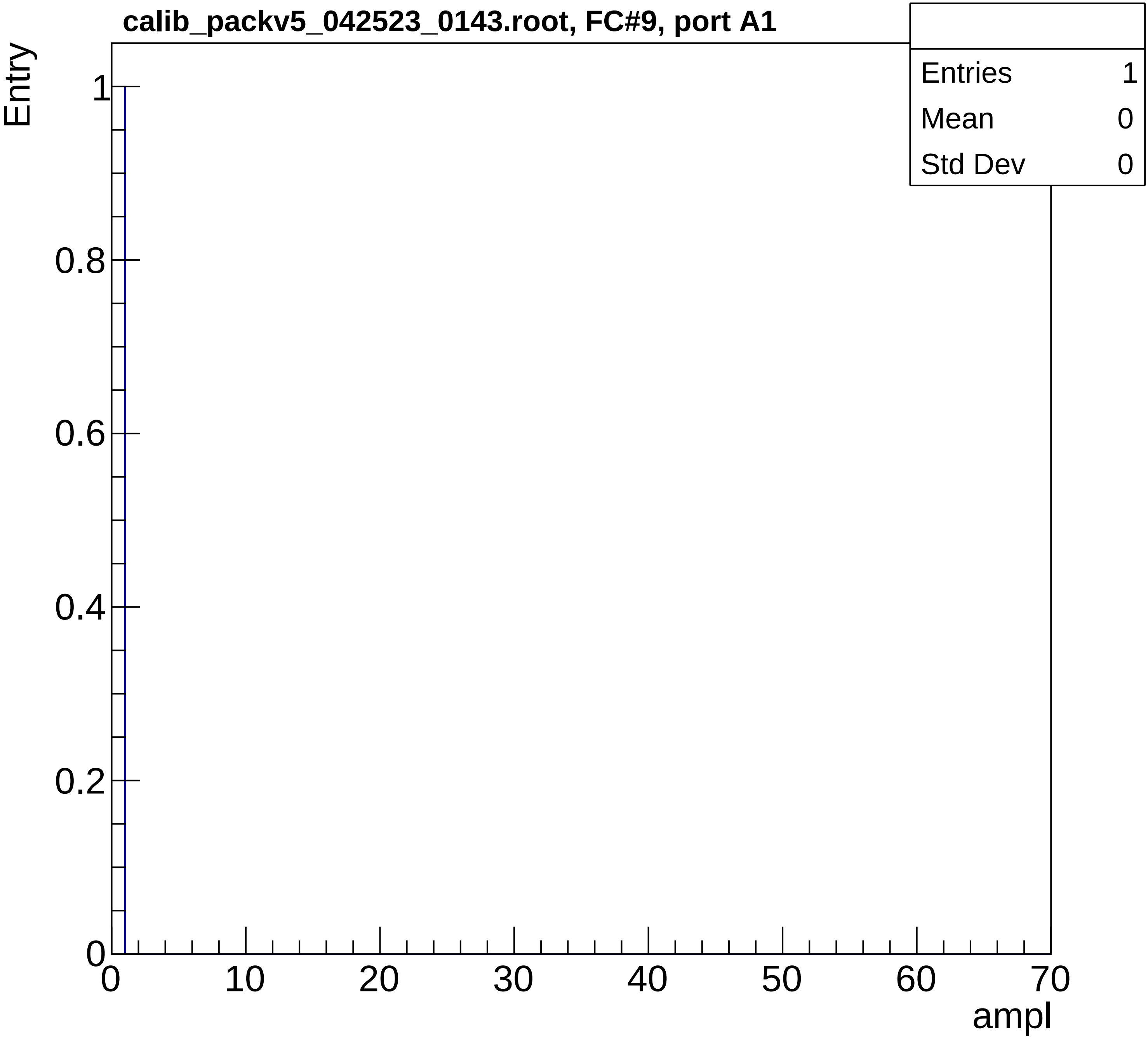
B0L001S, U21-ch41, adc5

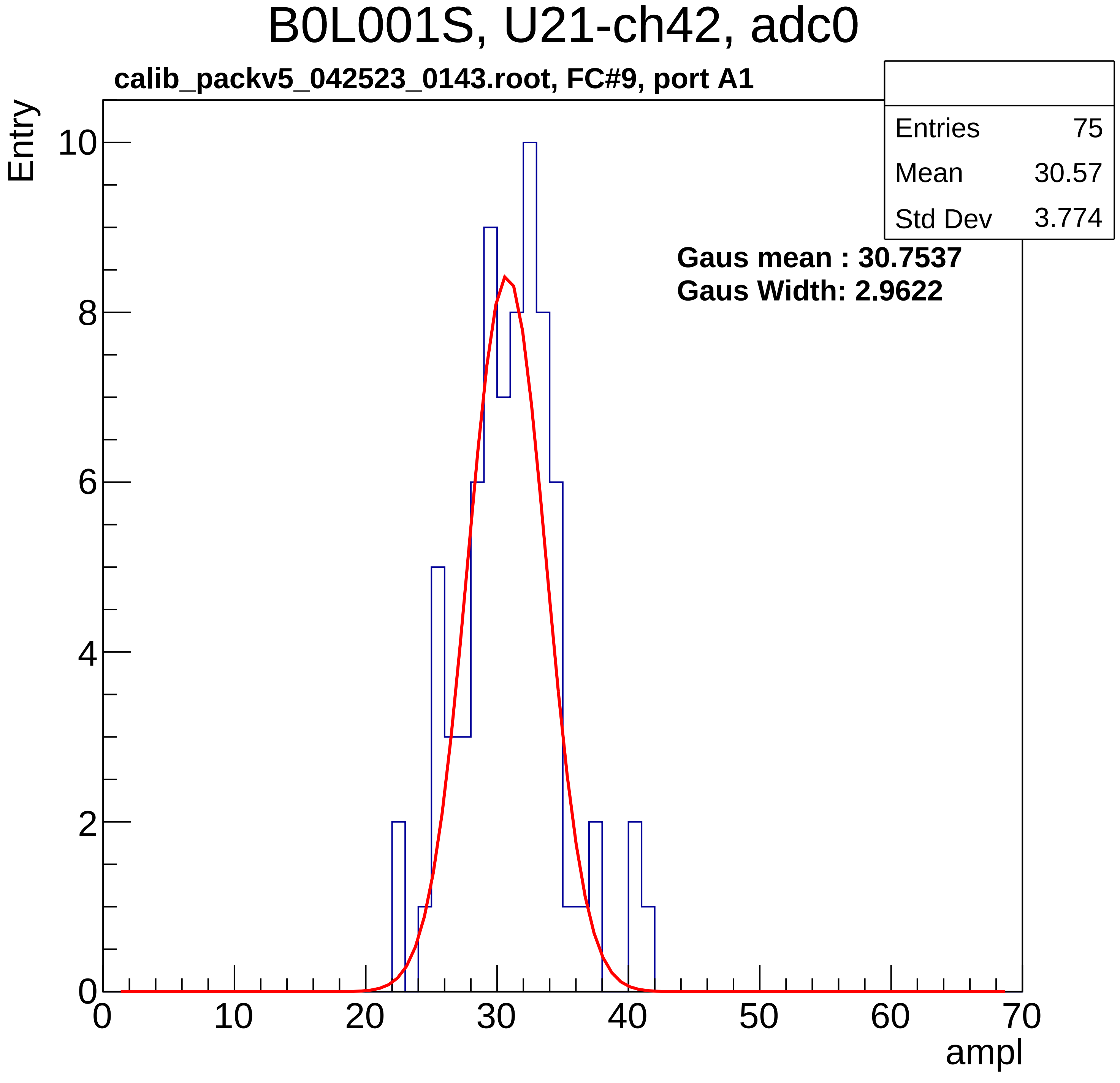
calib_packv5_042523_0143.root, FC#9, port A1

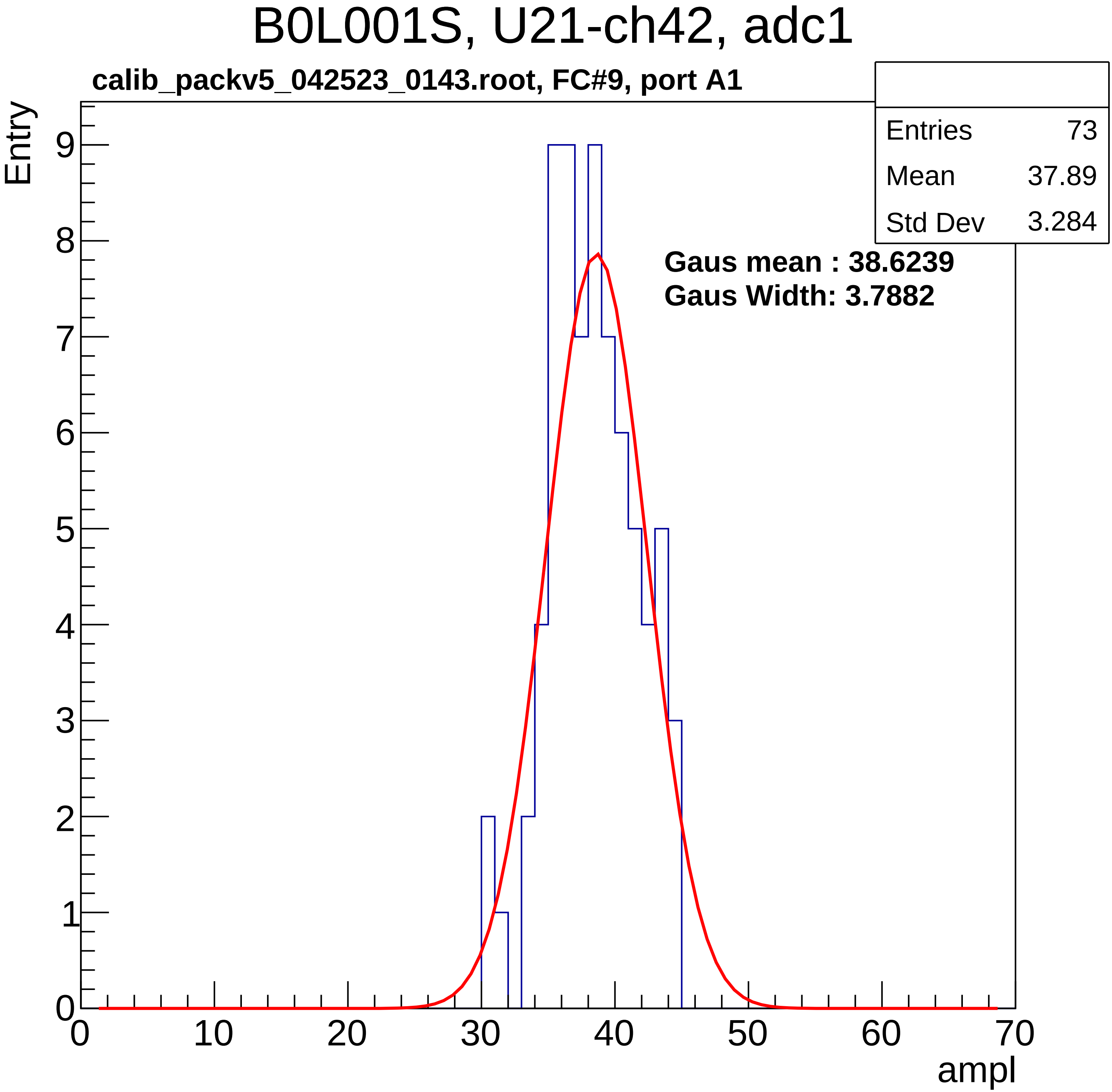


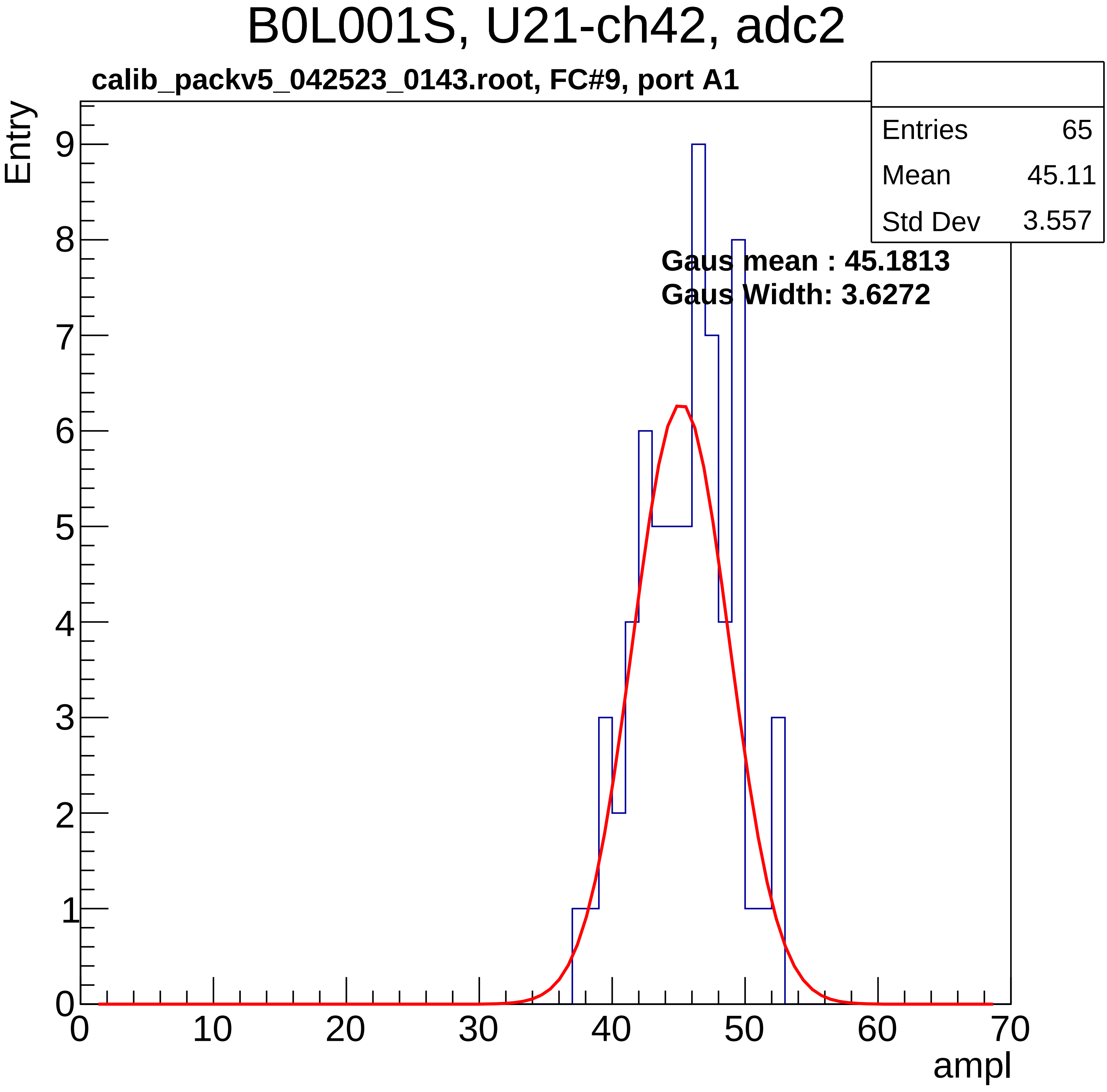

B0L001S, U21-ch41, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch41, adc7

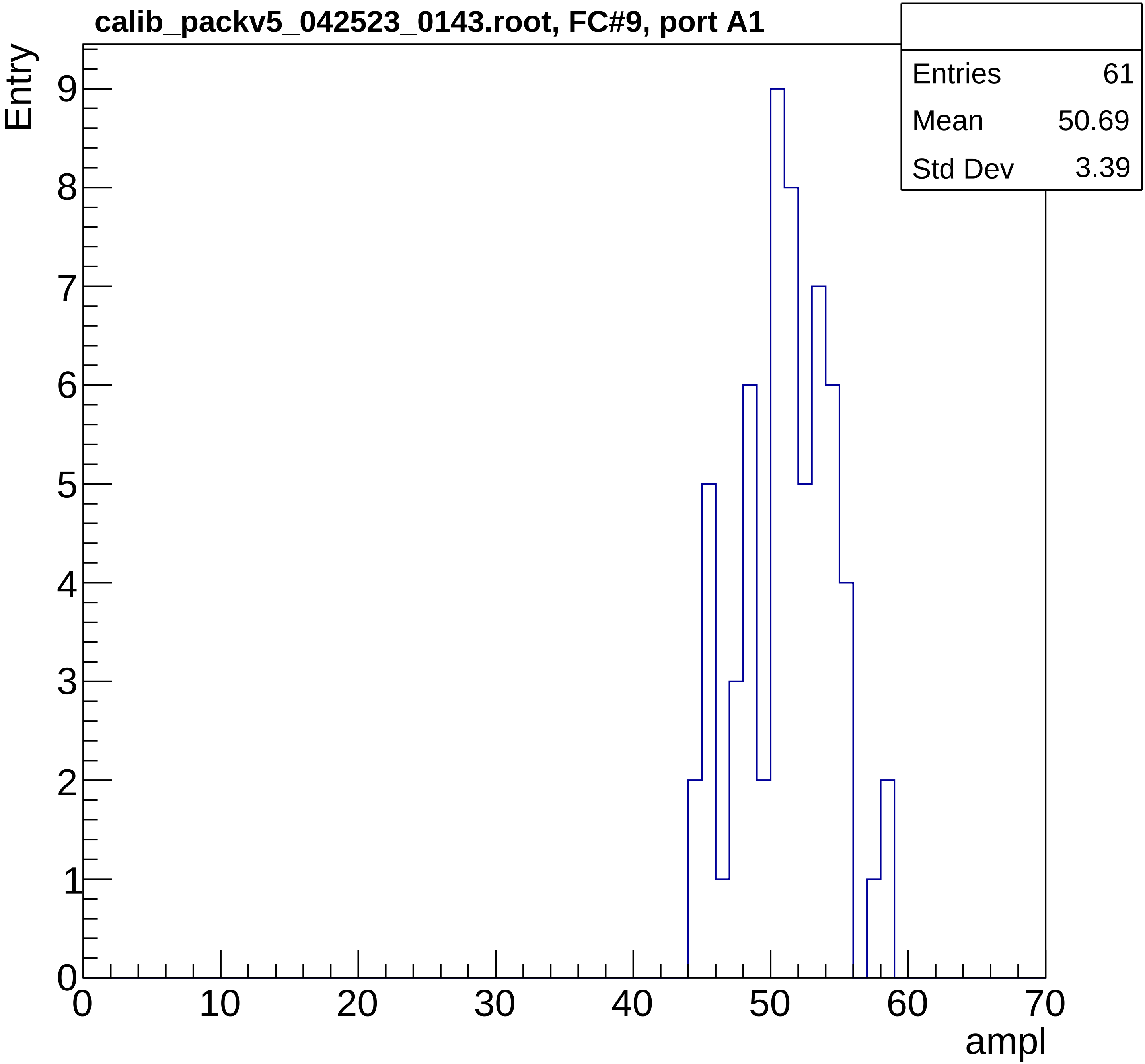


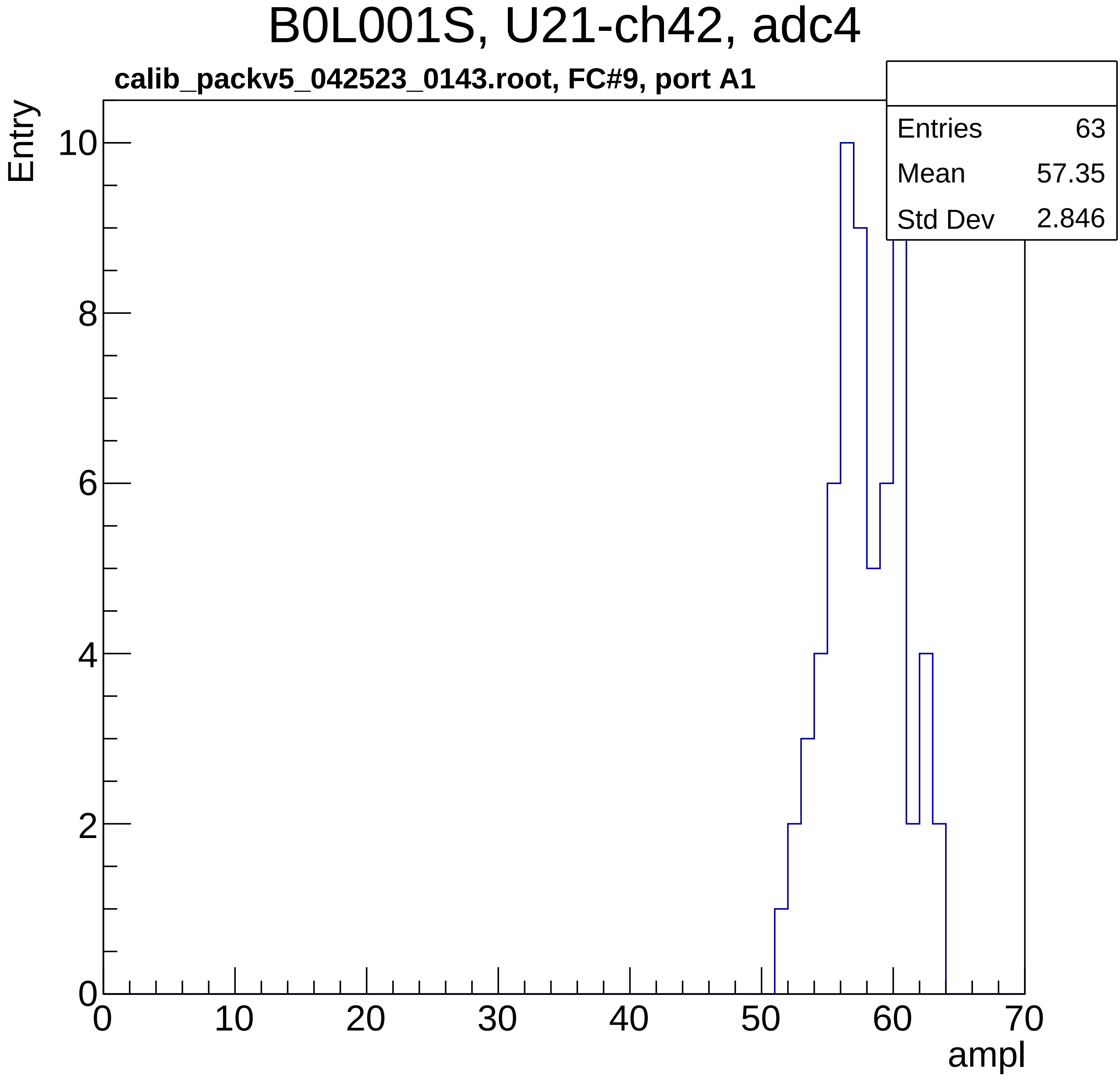

B0L001S, U21-ch42, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 30.57
Std Dev 3.774
Gaus mean : 30.7537
Gaus Width: 2.9622
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

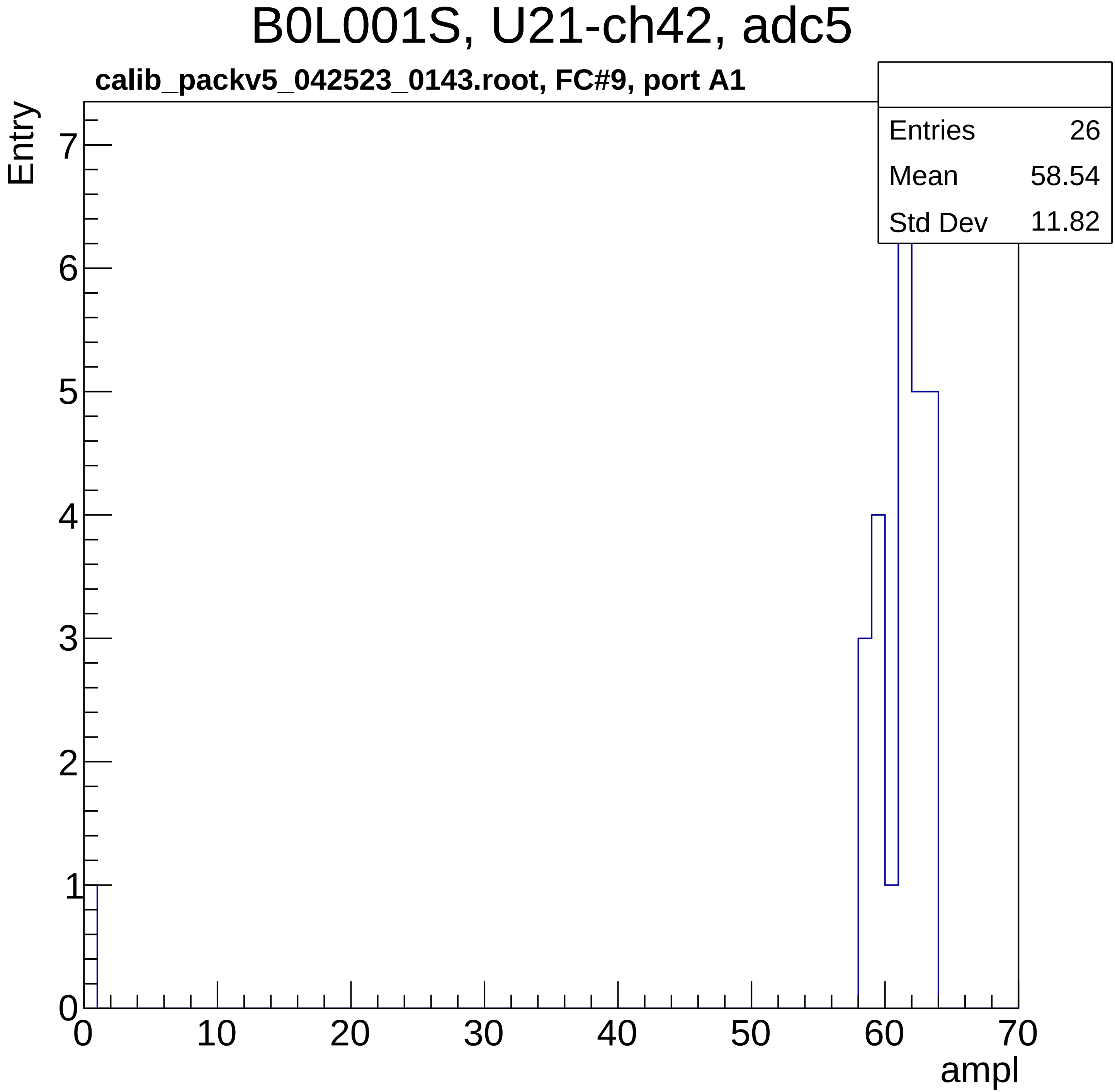

B0L001S, U21-ch42, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 73
Mean 37.89
Std Dev 3.284
Gaus mean : 38.6239
Gaus Width: 3.7882
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch42, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 45.11
Std Dev 3.557
Gaus mean : 45.1813
Gaus Width: 3.6272
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

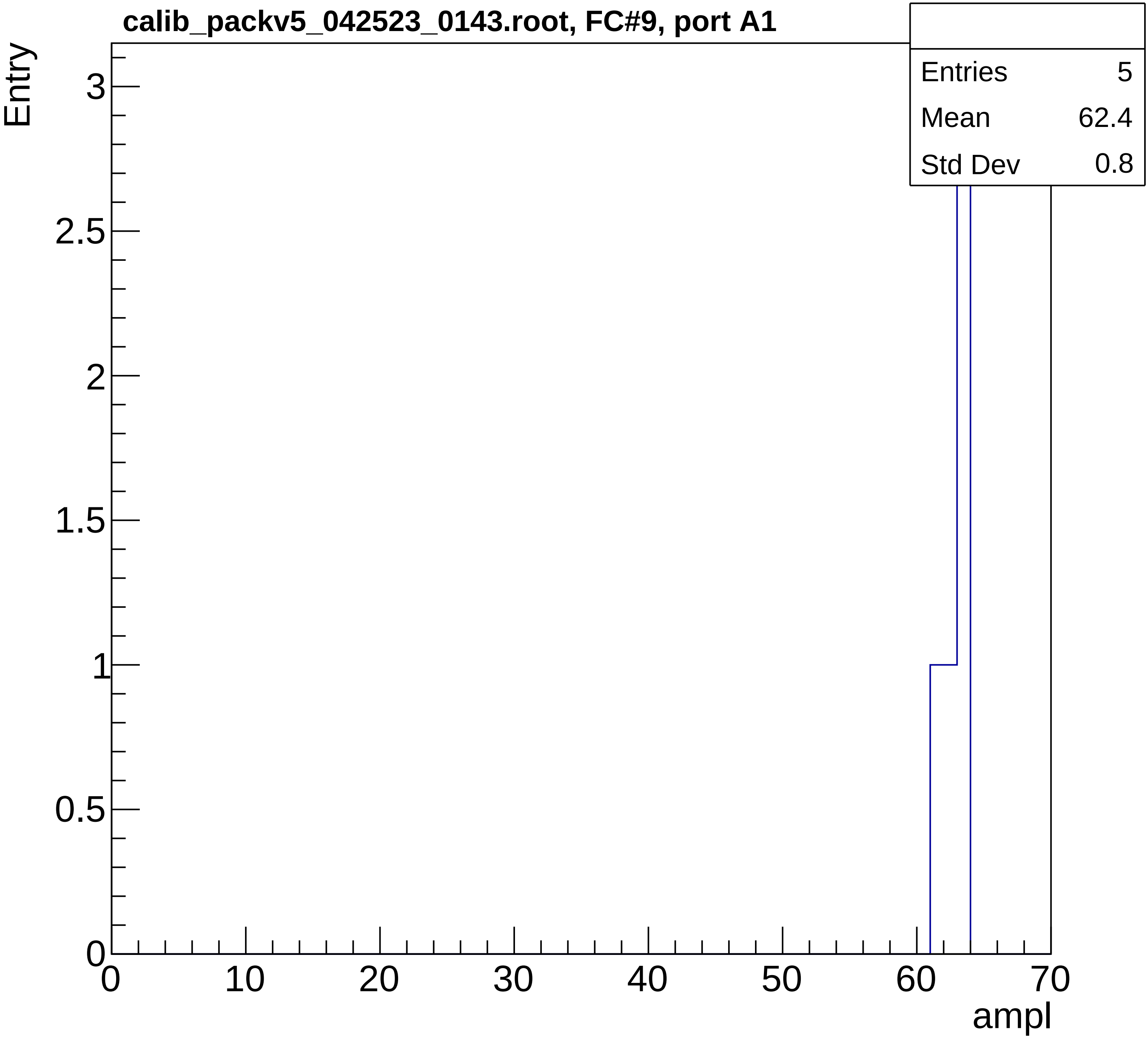
B0L001S, U21-ch42, adc3



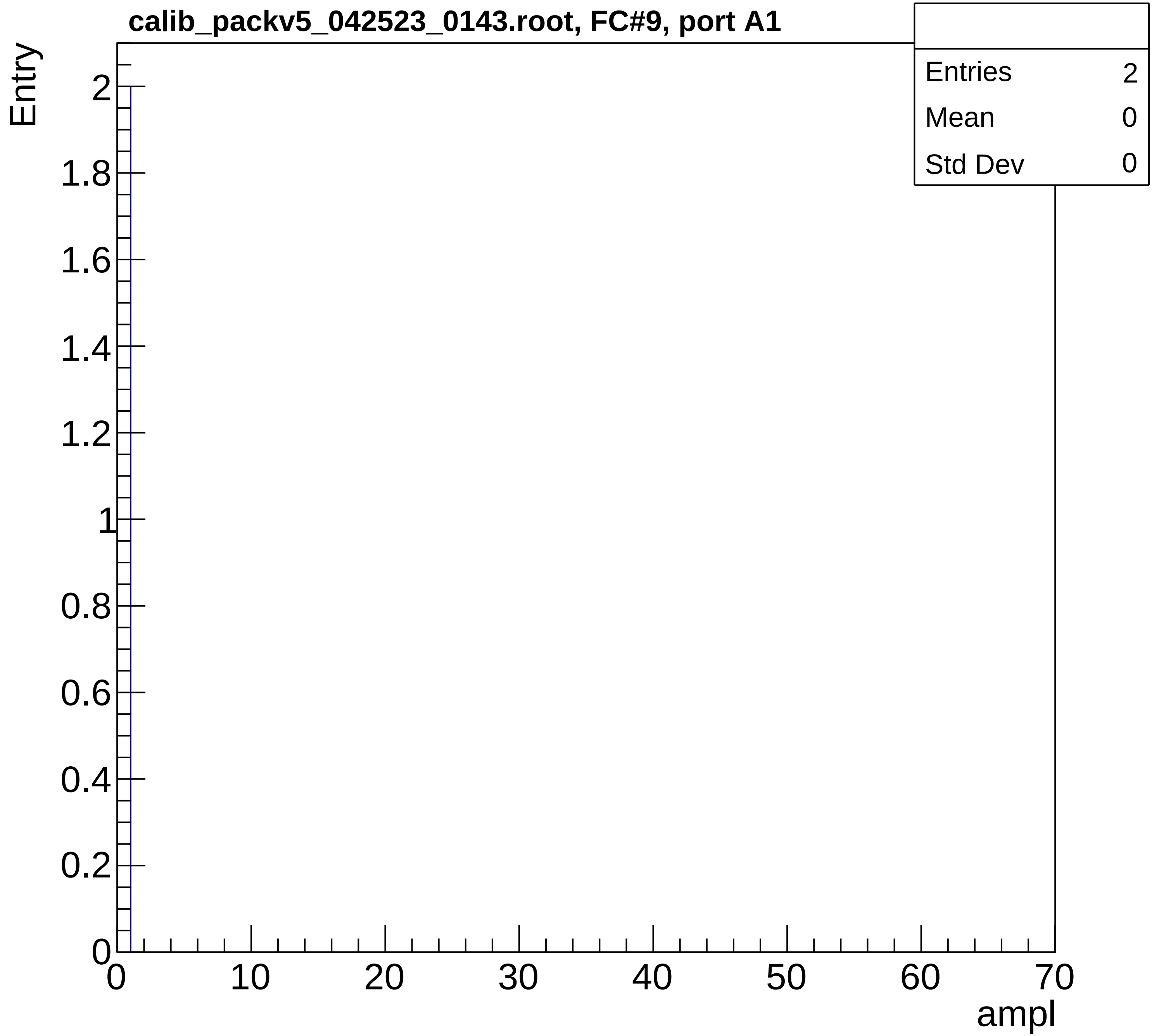

B0L001S, U21-ch42, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 57.35
Std Dev 2.846
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

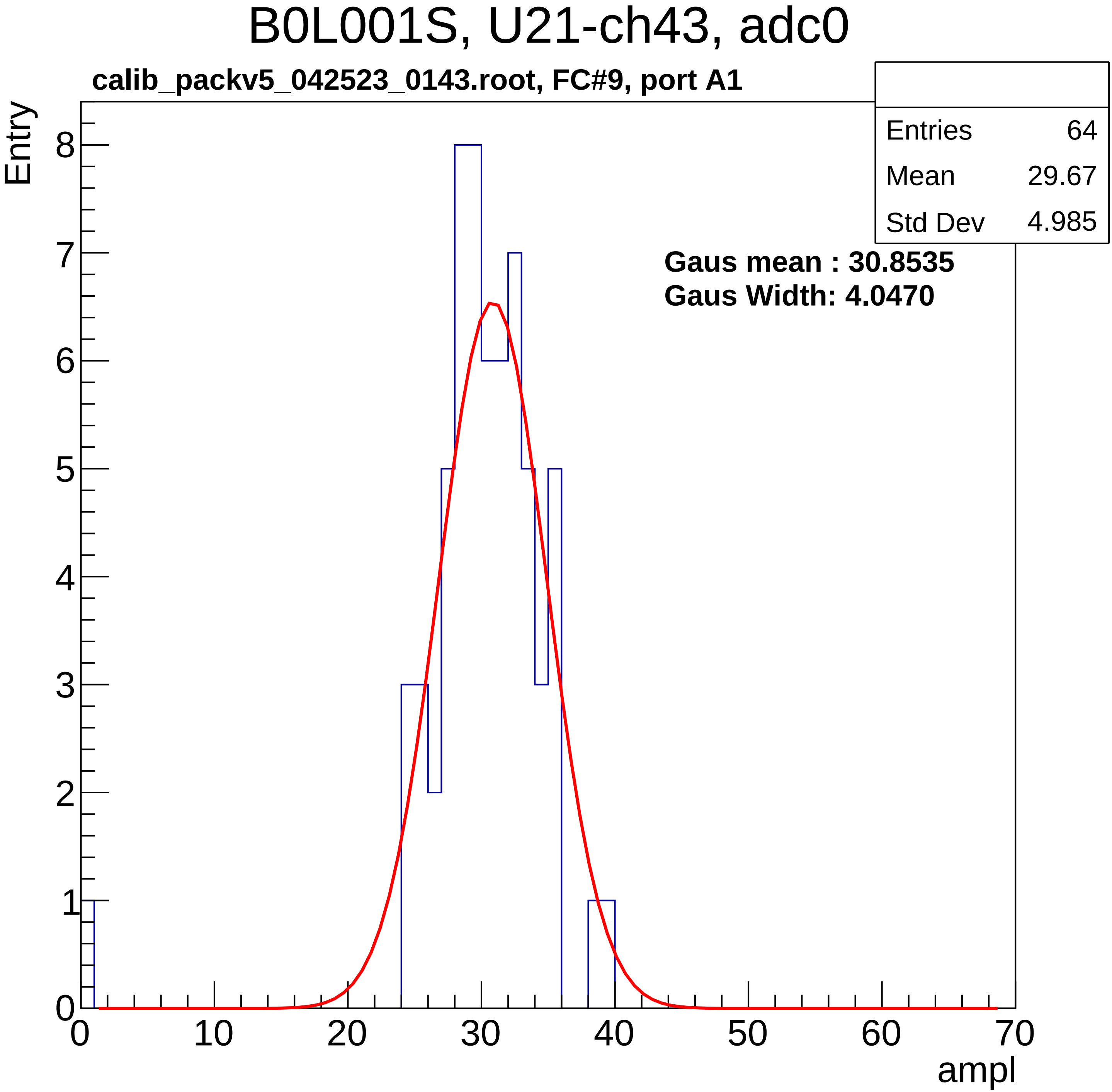

B0L001S, U21-ch42, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 58.54
Std Dev 11.82
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

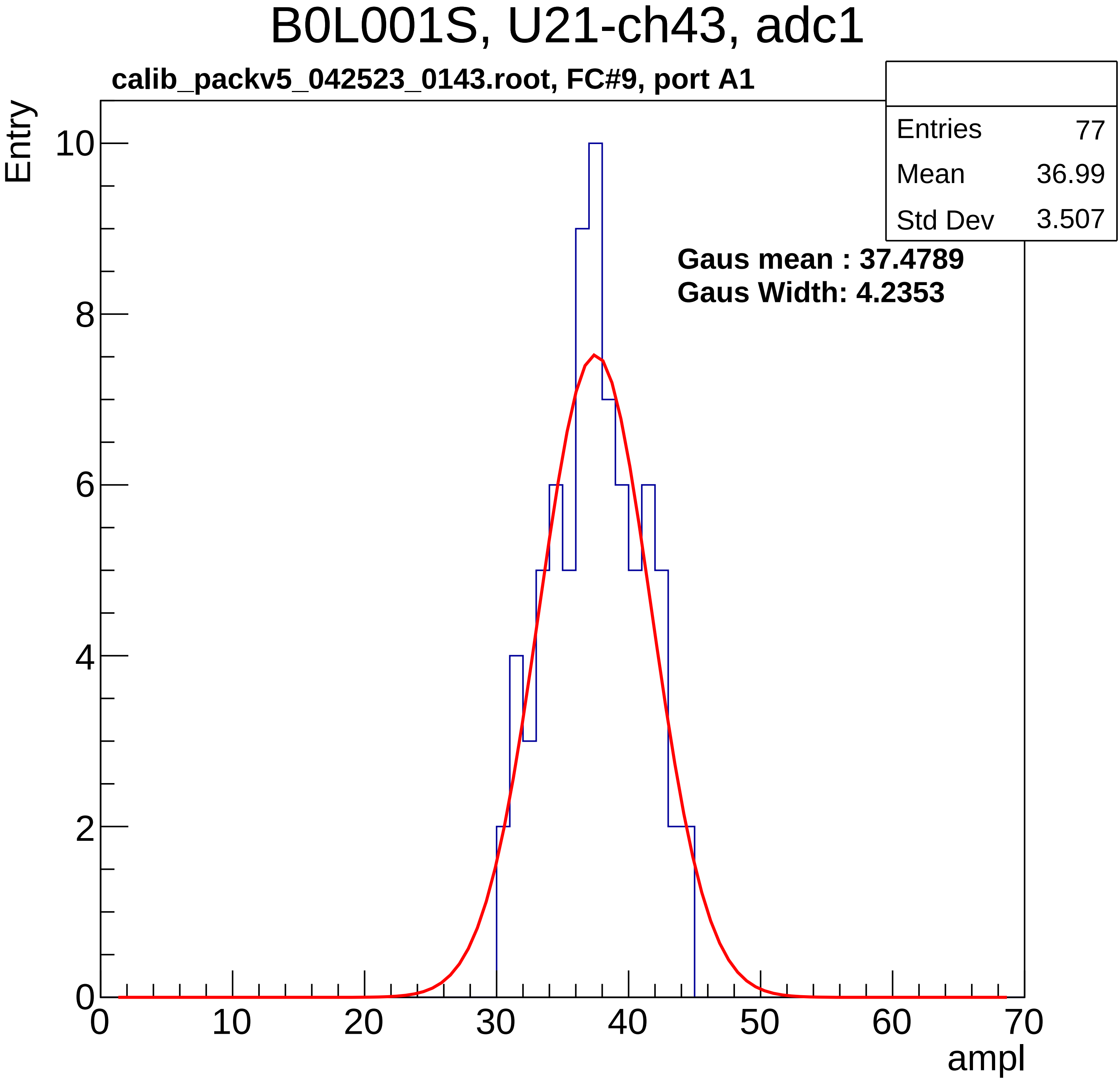
B0L001S, U21-ch42, adc6

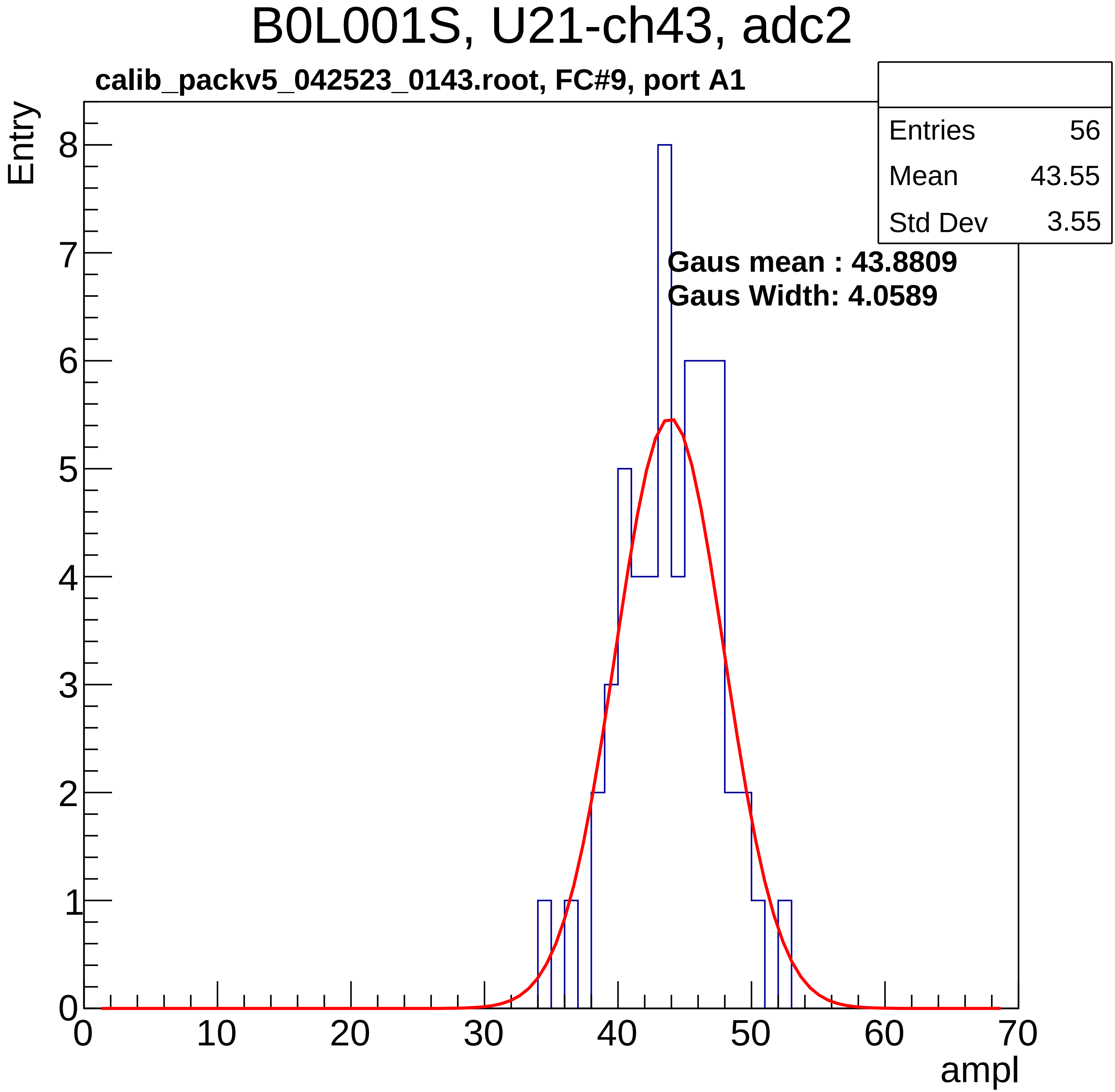


B0L001S, U21-ch42, adc7

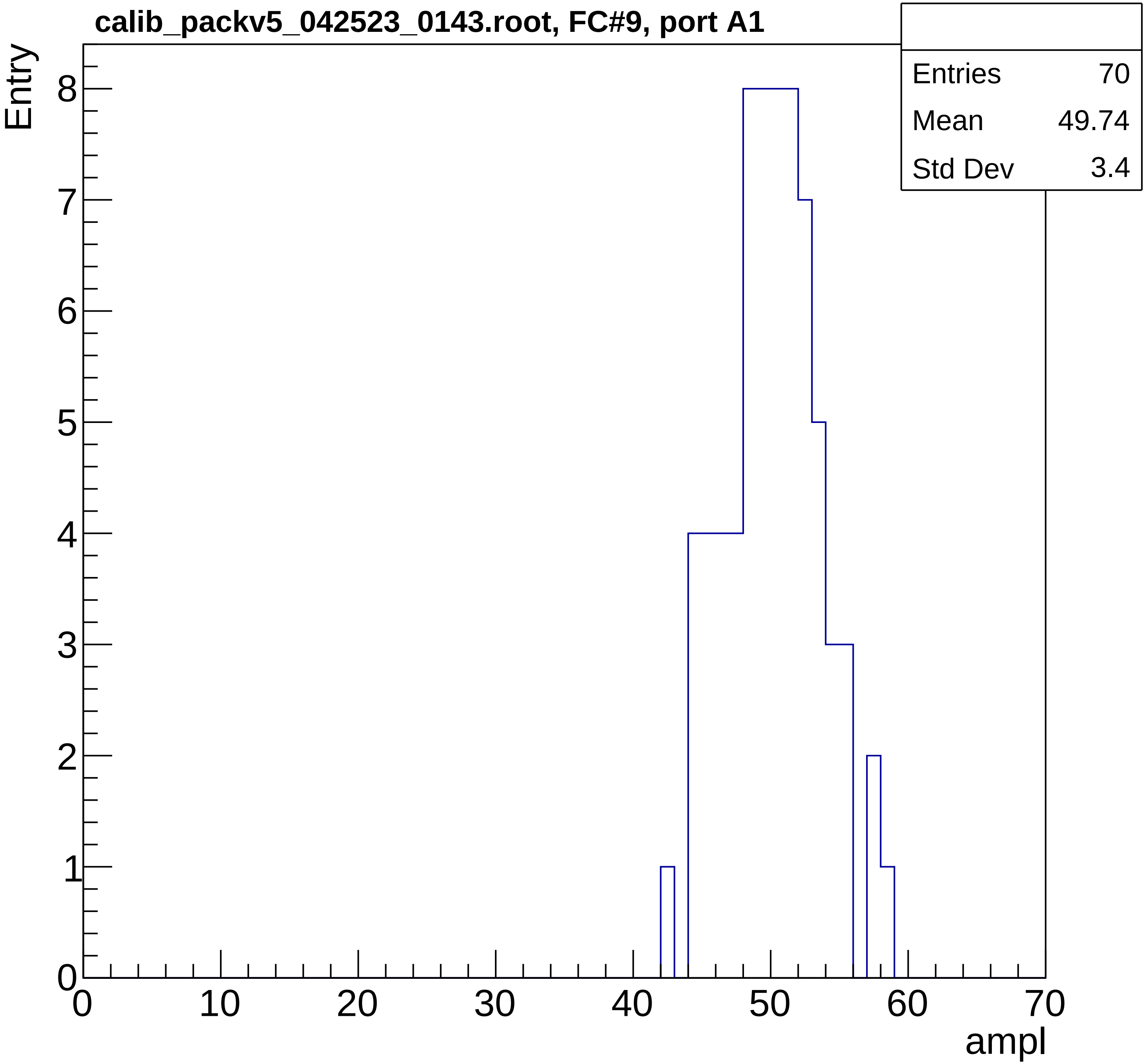


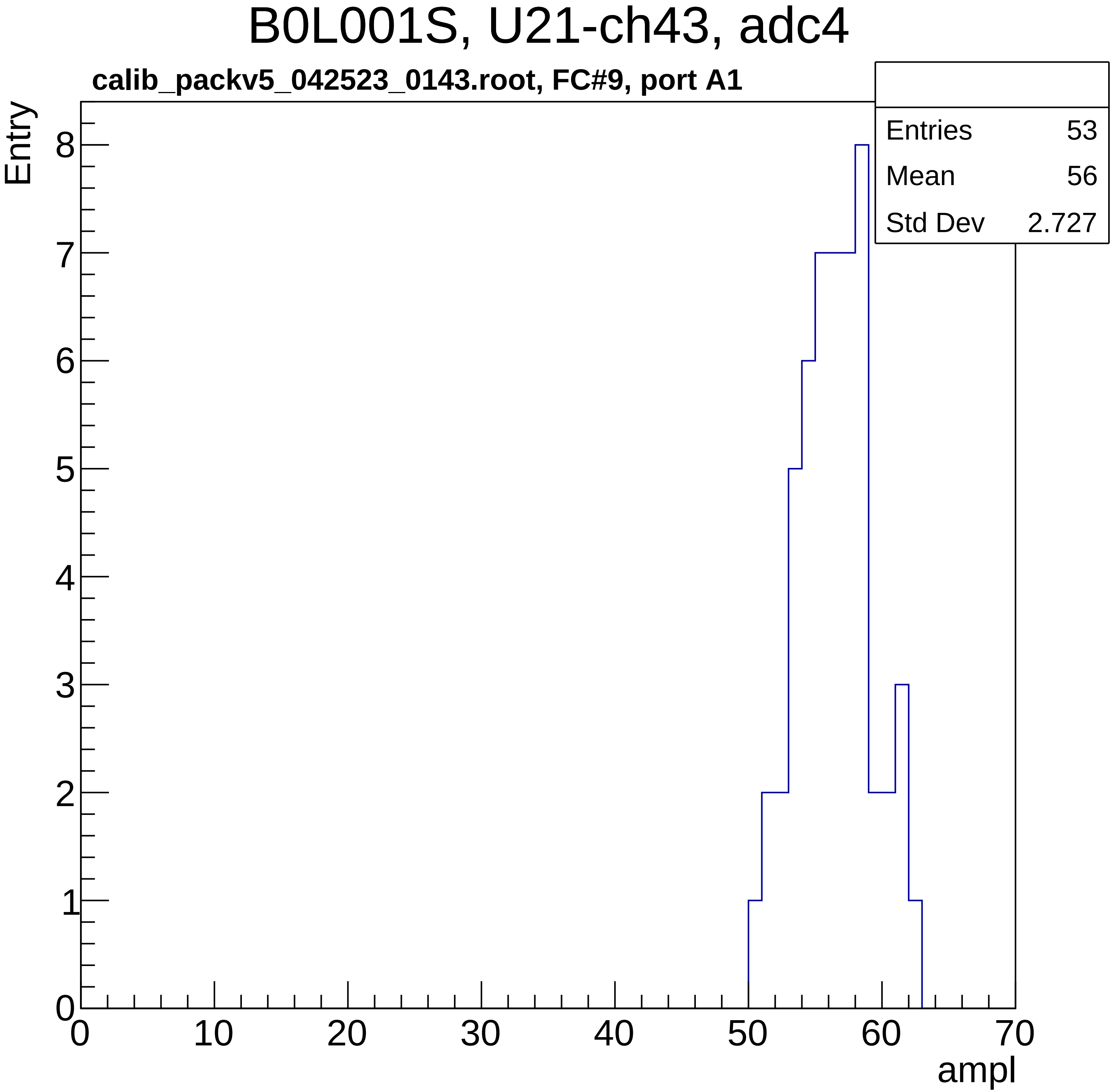

B0L001S, U21-ch43, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 29.67
Std Dev 4.985
Gaus mean : 30.8535
Gaus Width: 4.0470
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

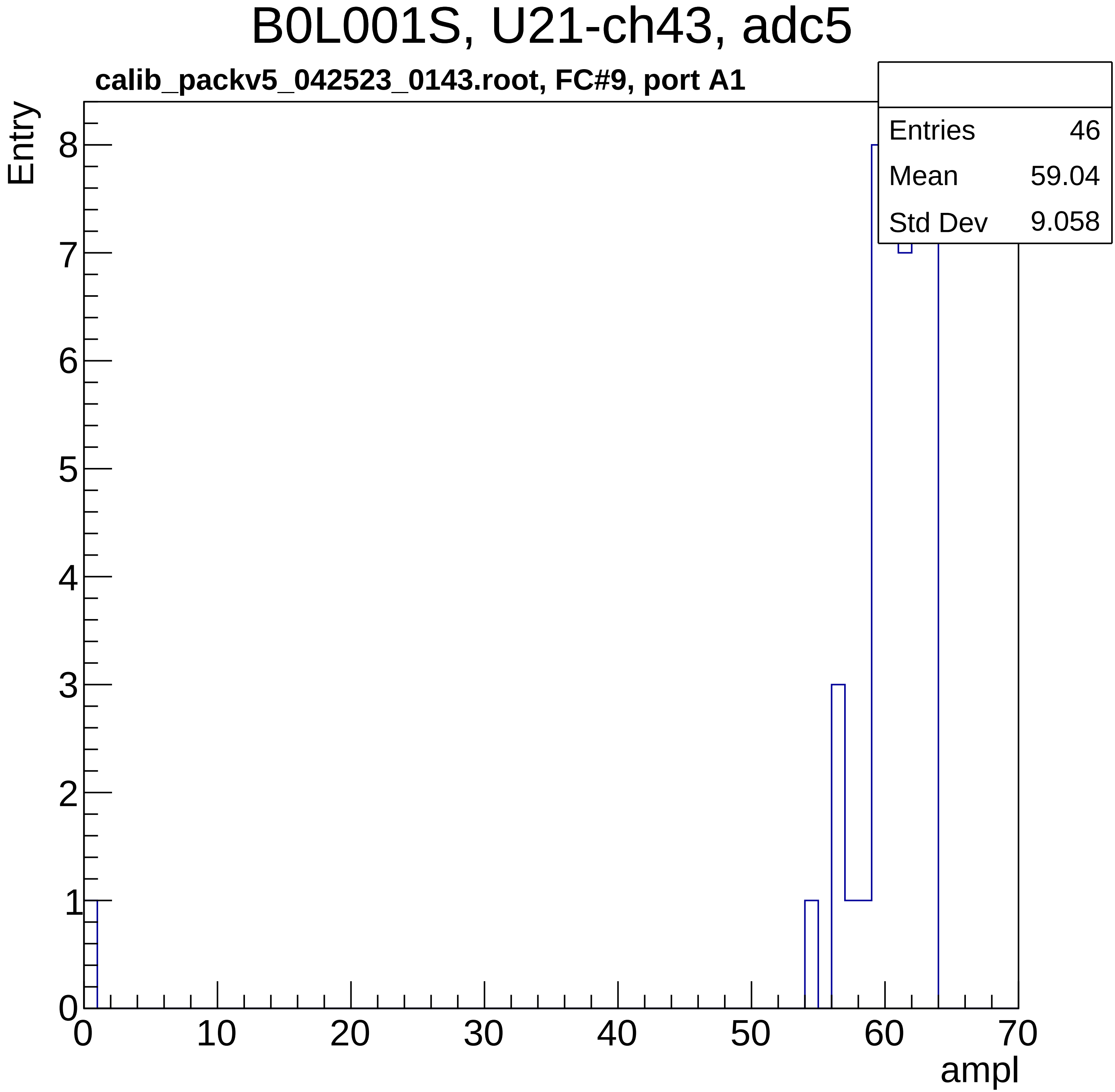

B0L001S, U21-ch43, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 36.99
Std Dev 3.507
Gaus mean : 37.4789
Gaus Width: 4.2353
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

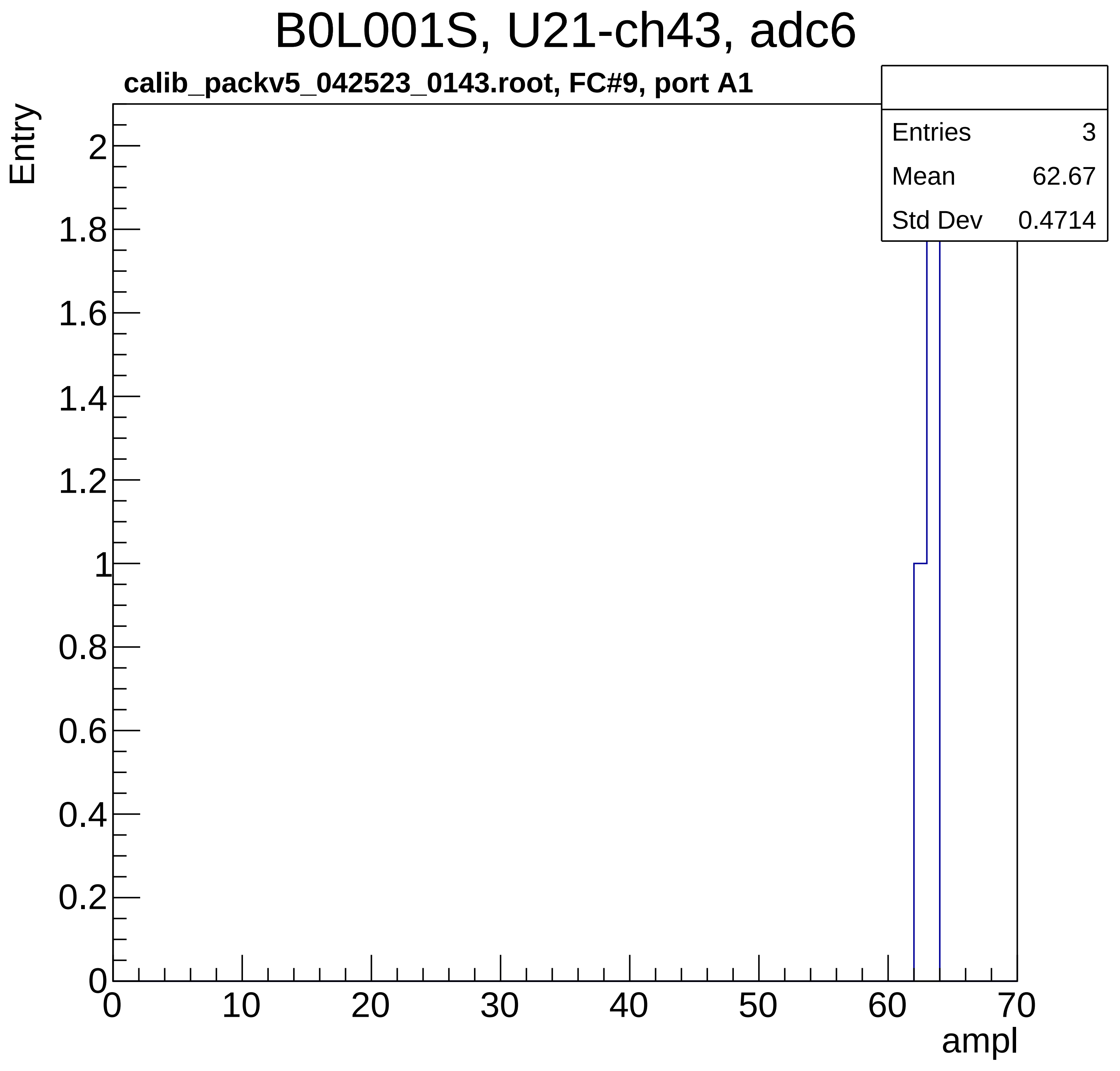

B0L001S, U21-ch43, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 43.55
Std Dev 3.55
Gaus mean : 43.8809
Gaus Width: 4.0589
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

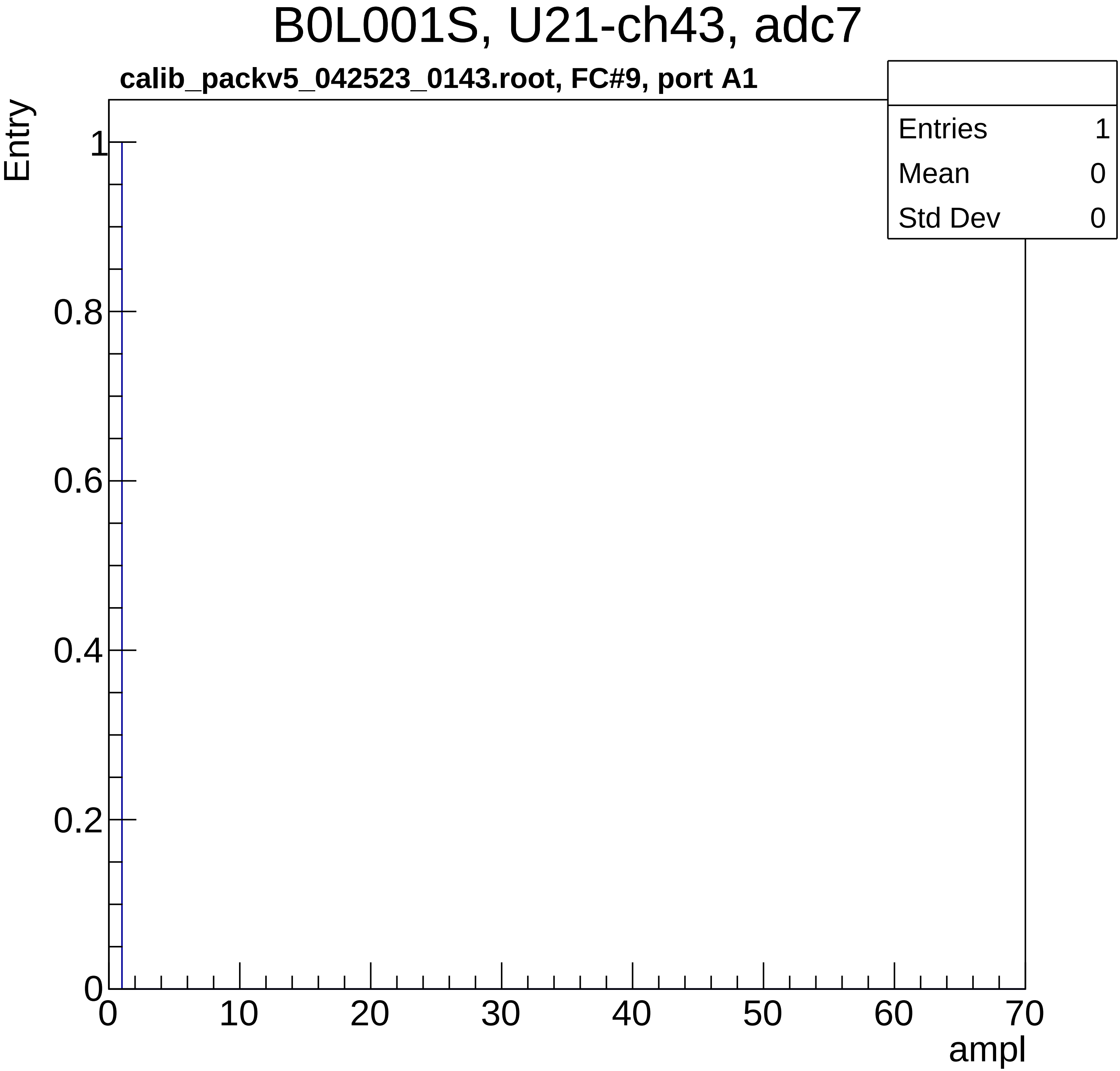
B0L001S, U21-ch43, adc3

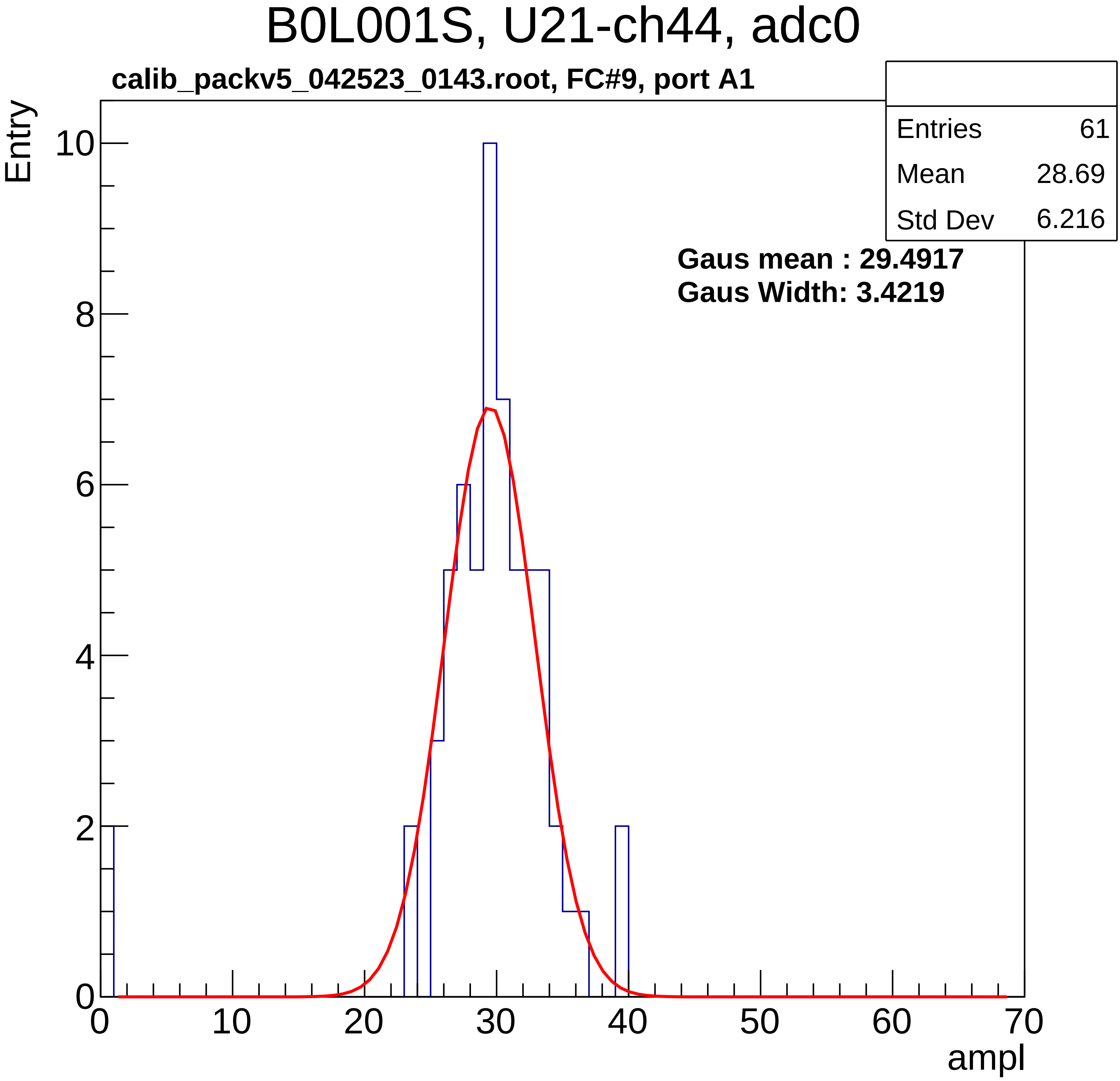


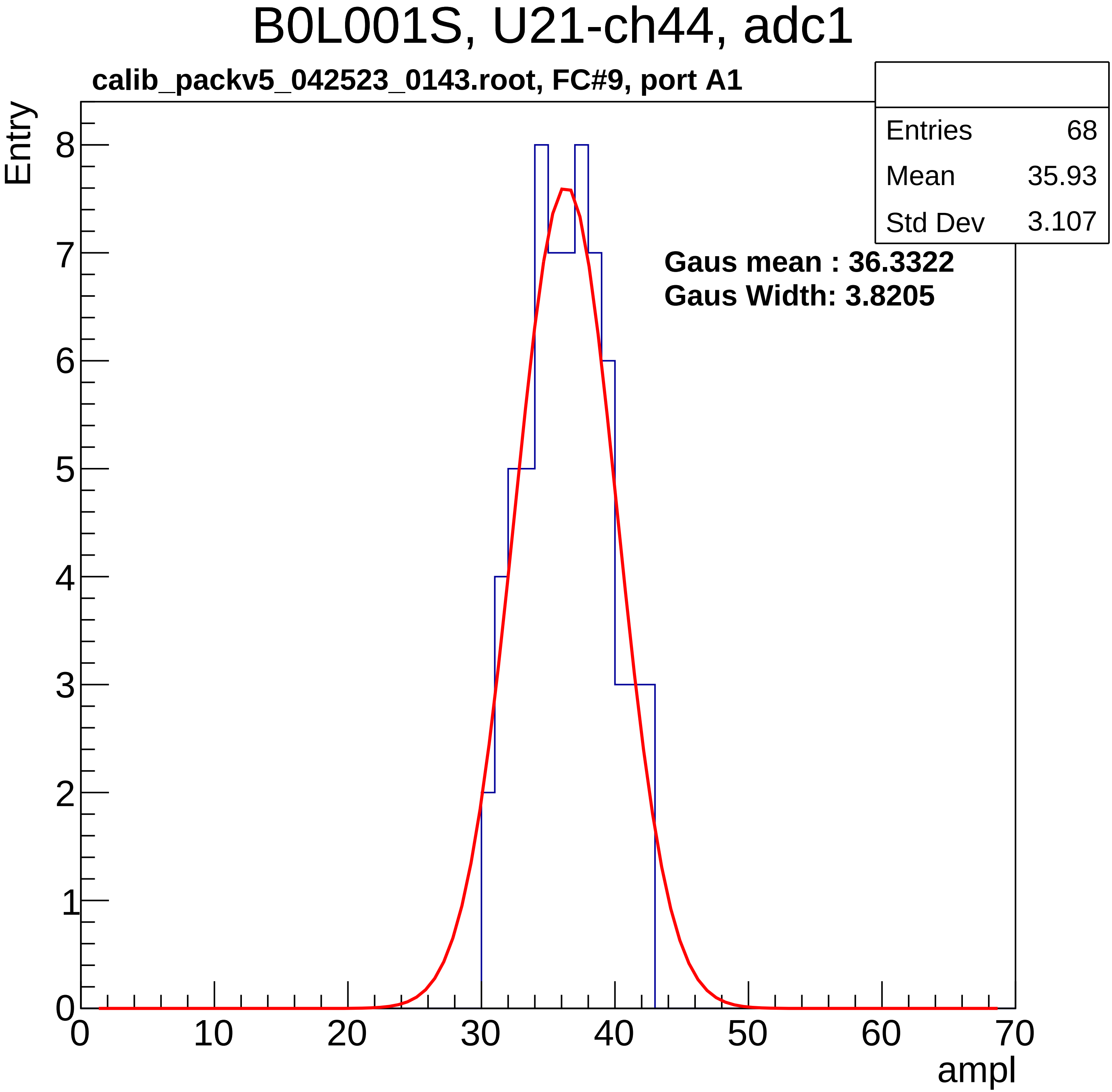

B0L001S, U21-ch43, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 56
Std Dev 2.727
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

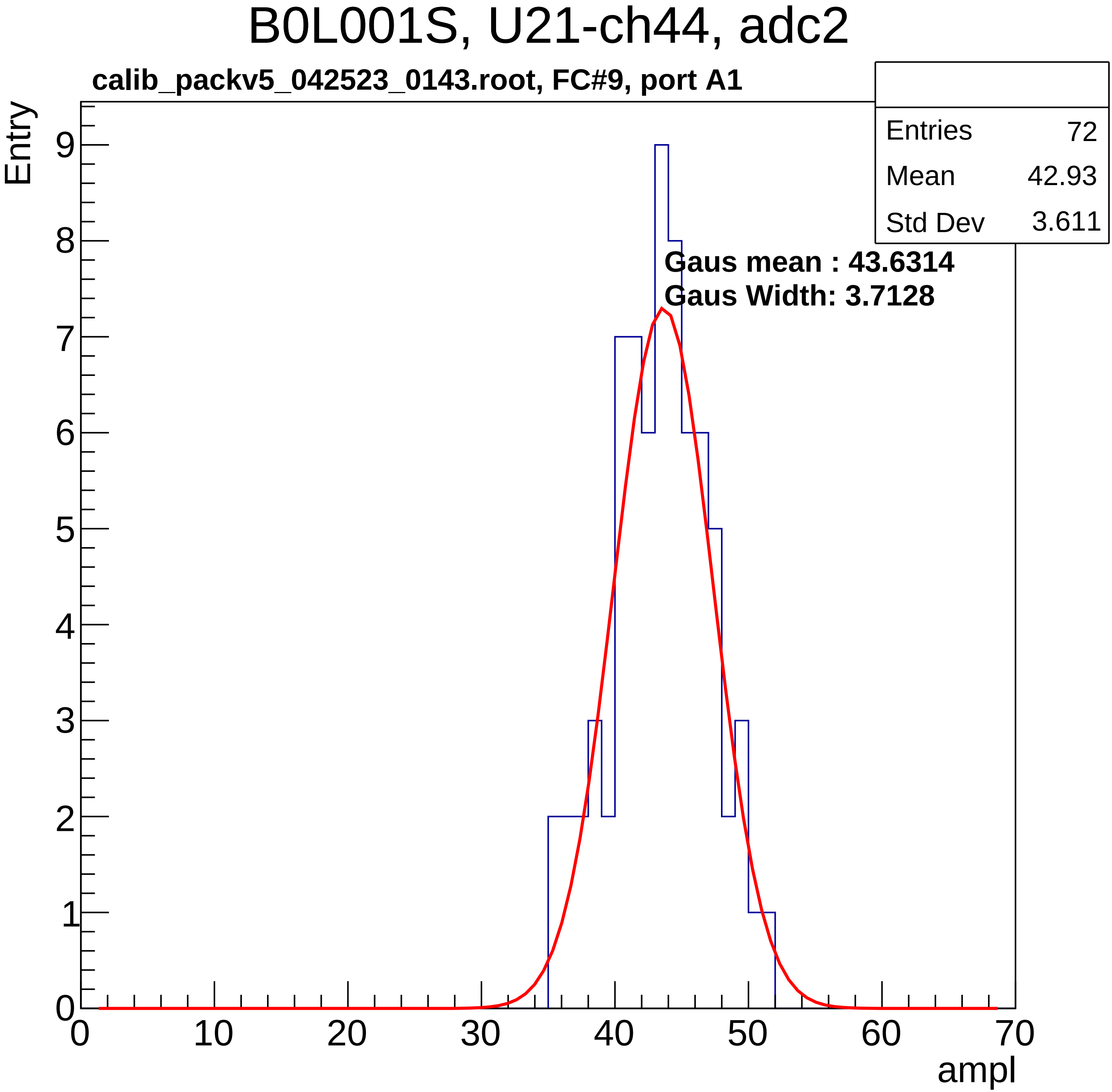

B0L001S, U21-ch43, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 46
Mean 59.04
Std Dev 9.058
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

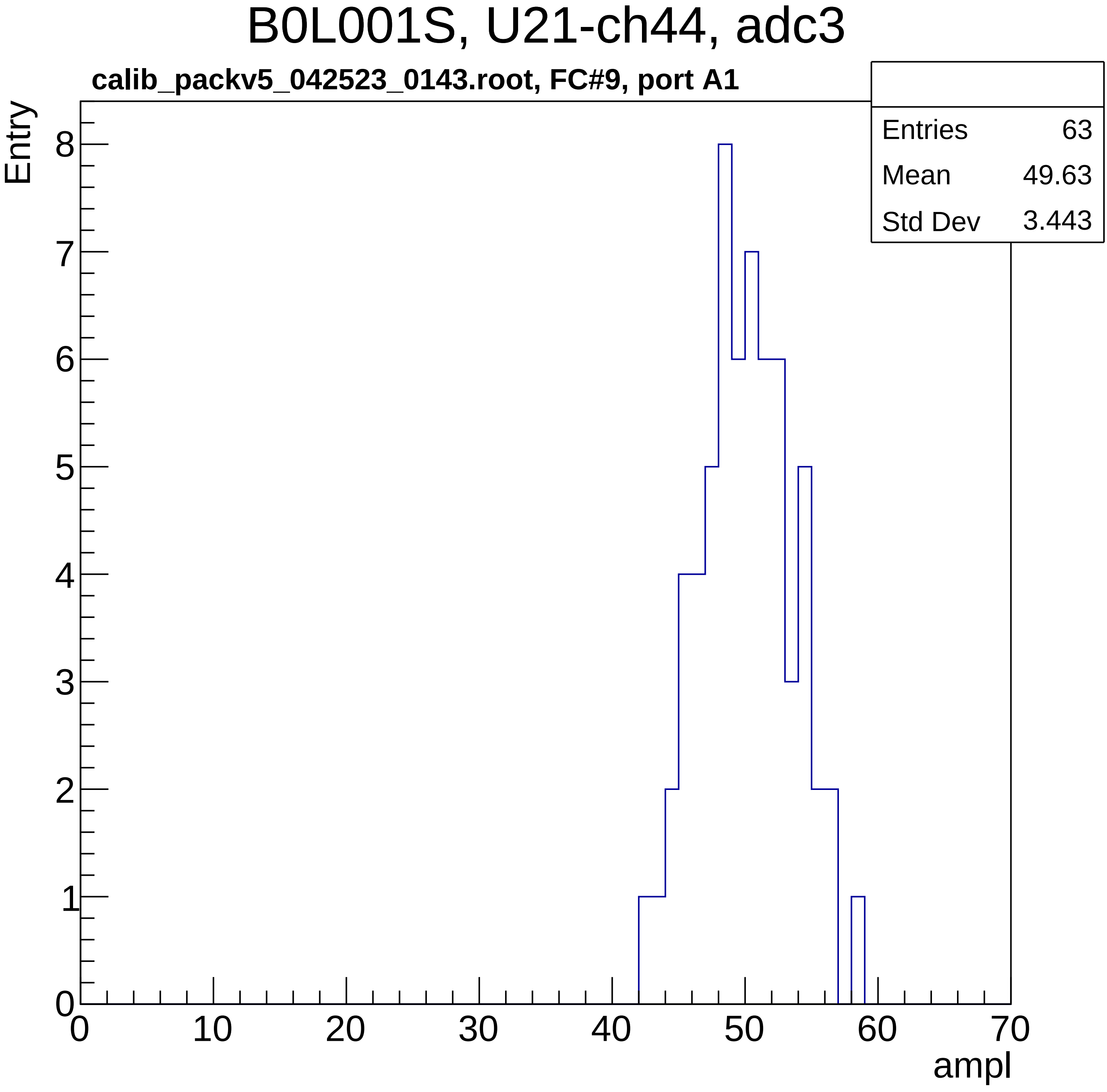

B0L001S, U21-ch43, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 3
Mean 62.67
Std Dev 0.4714
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

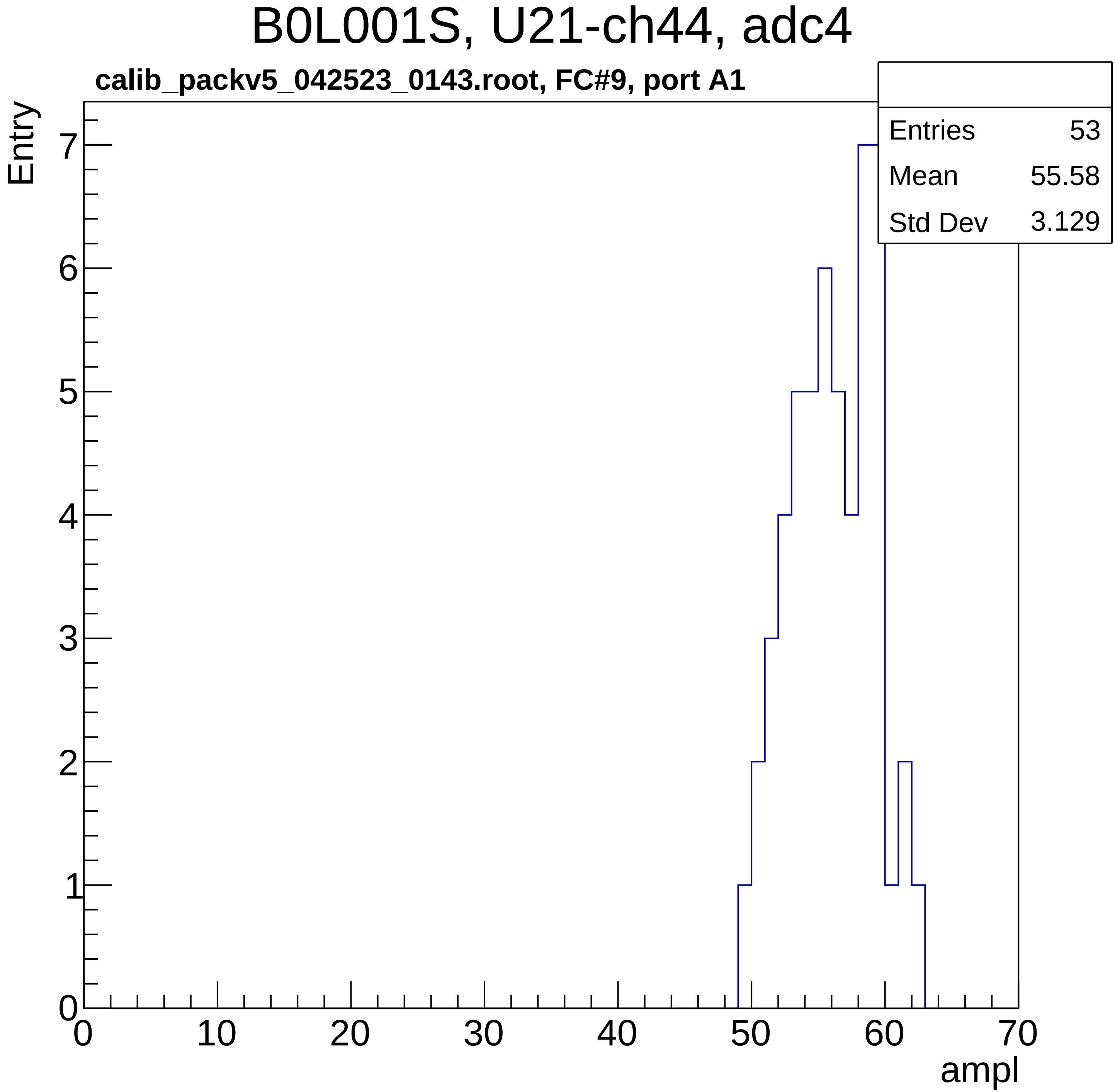

B0L001S, U21-ch43, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 1
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B0L001S, U21-ch44, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 28.69
Std Dev 6.216
Gaus mean : 29.4917
Gaus Width: 3.4219
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

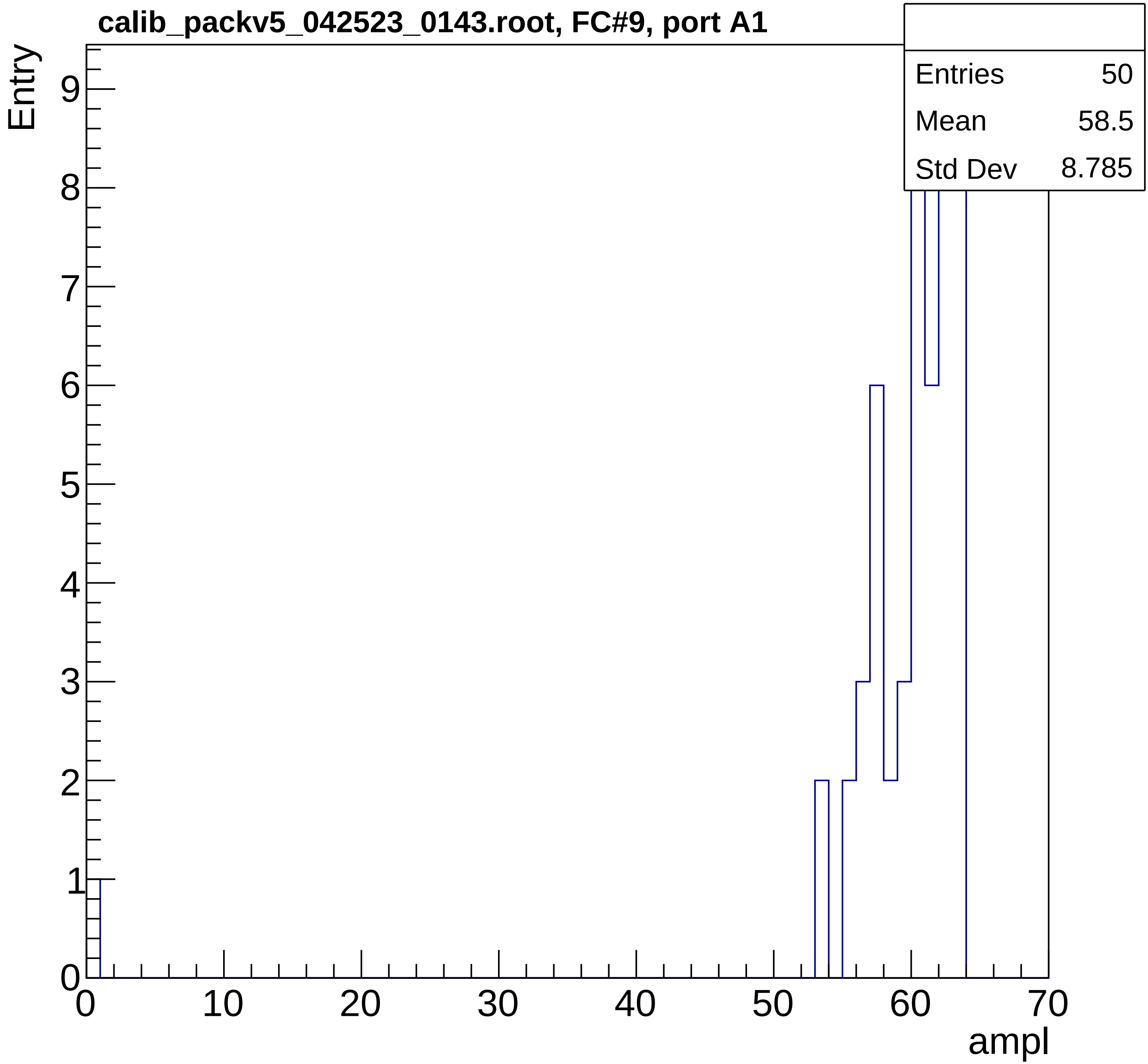

B0L001S, U21-ch44, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 35.93
Std Dev 3.107
Gaus mean : 36.3322
Gaus Width: 3.8205
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch44, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 42.93
Std Dev 3.611
Gaus mean : 43.6314
Gaus Width: 3.7128
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

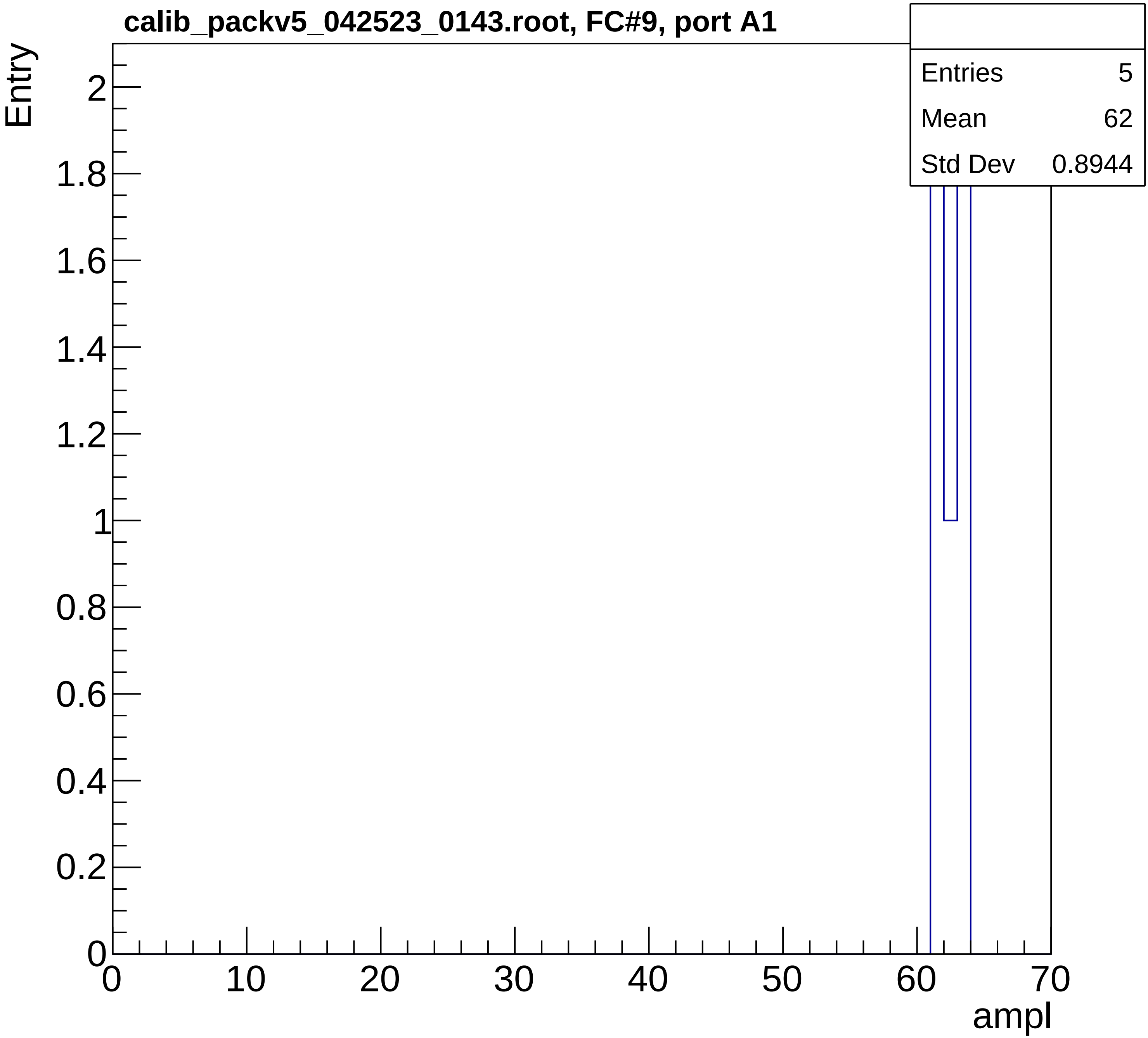

B0L001S, U21-ch44, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 49.63
Std Dev 3.443
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

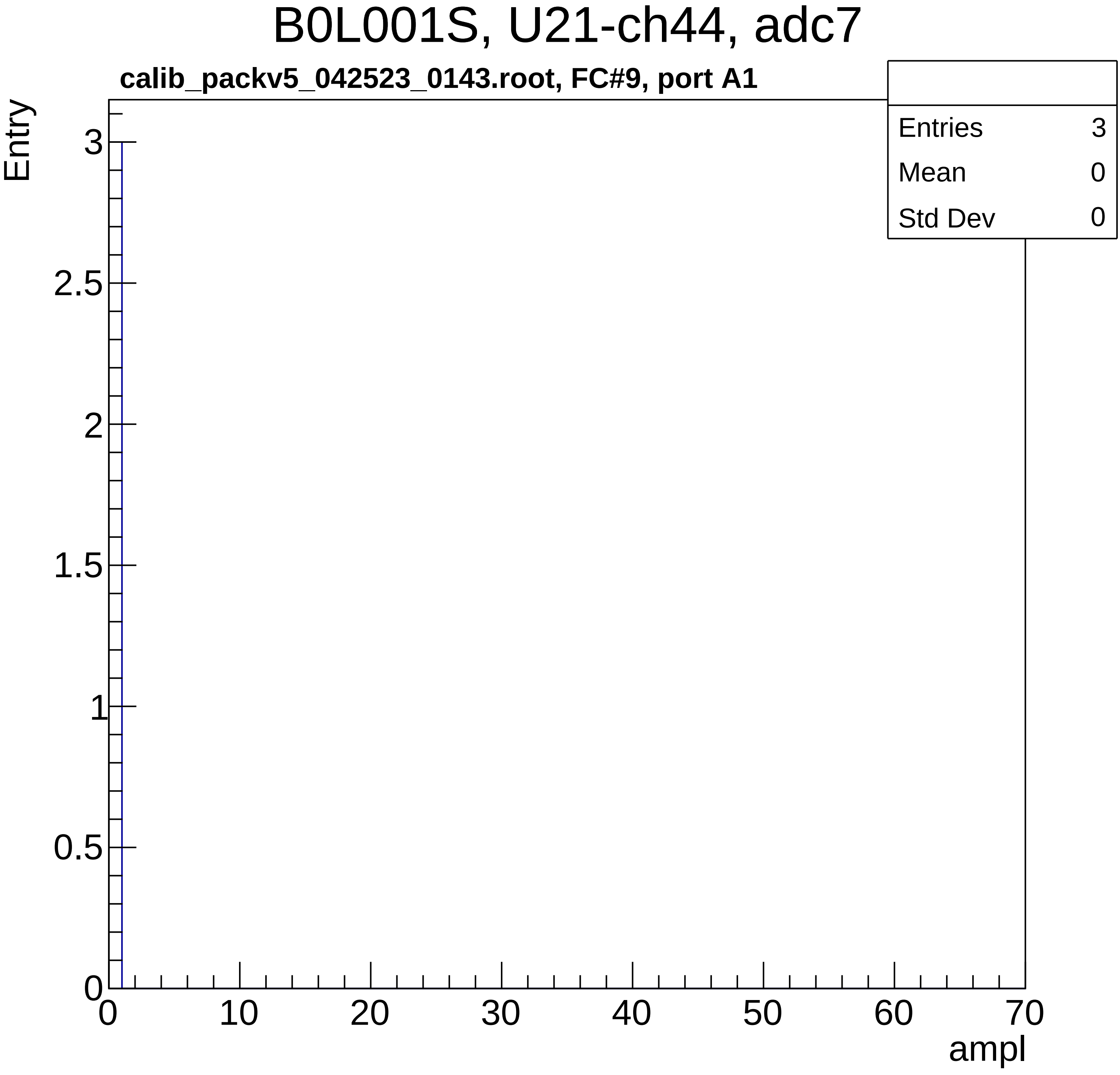

B0L001S, U21-ch44, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 55.58
Std Dev 3.129
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

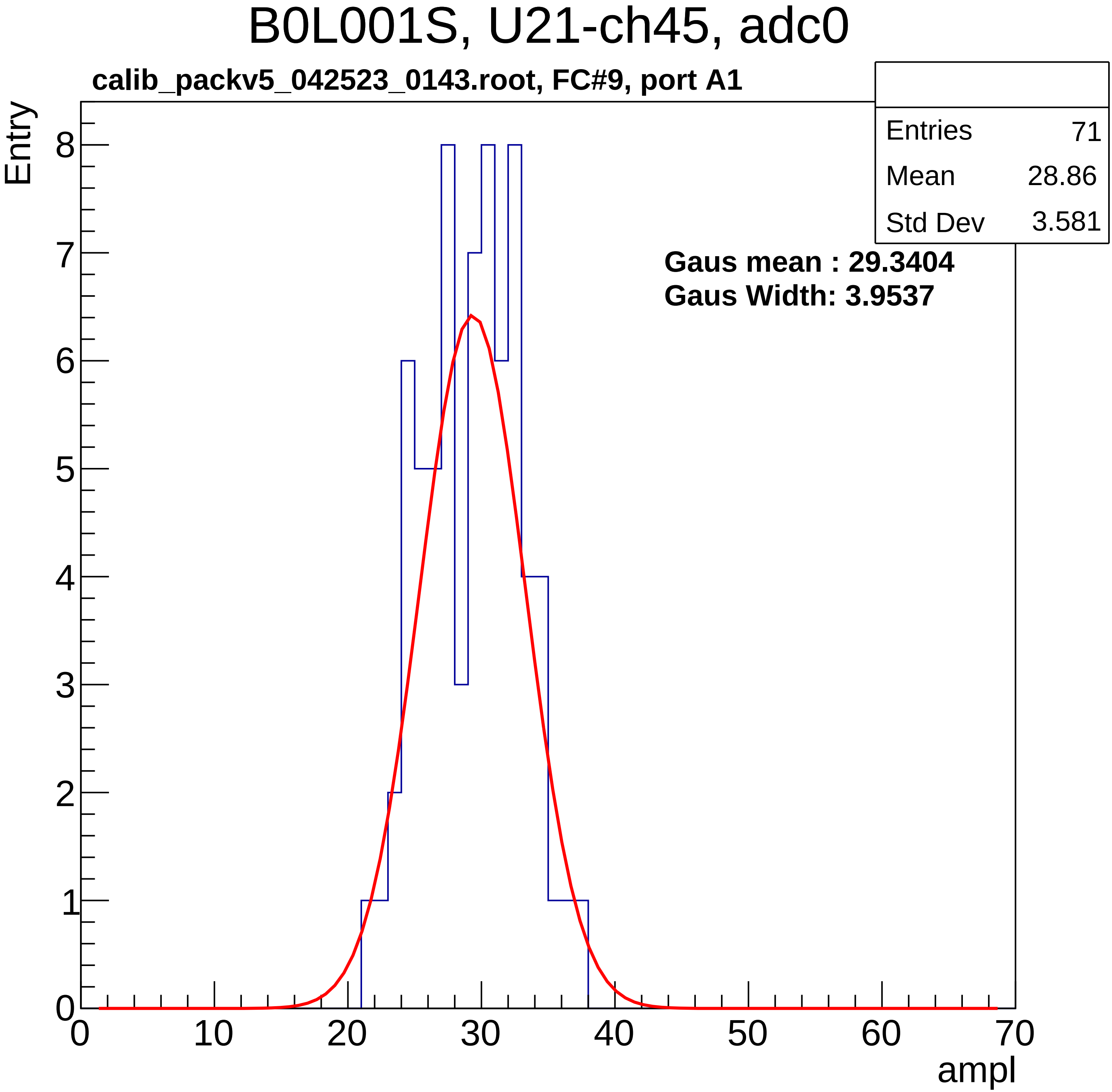
B0L001S, U21-ch44, adc5

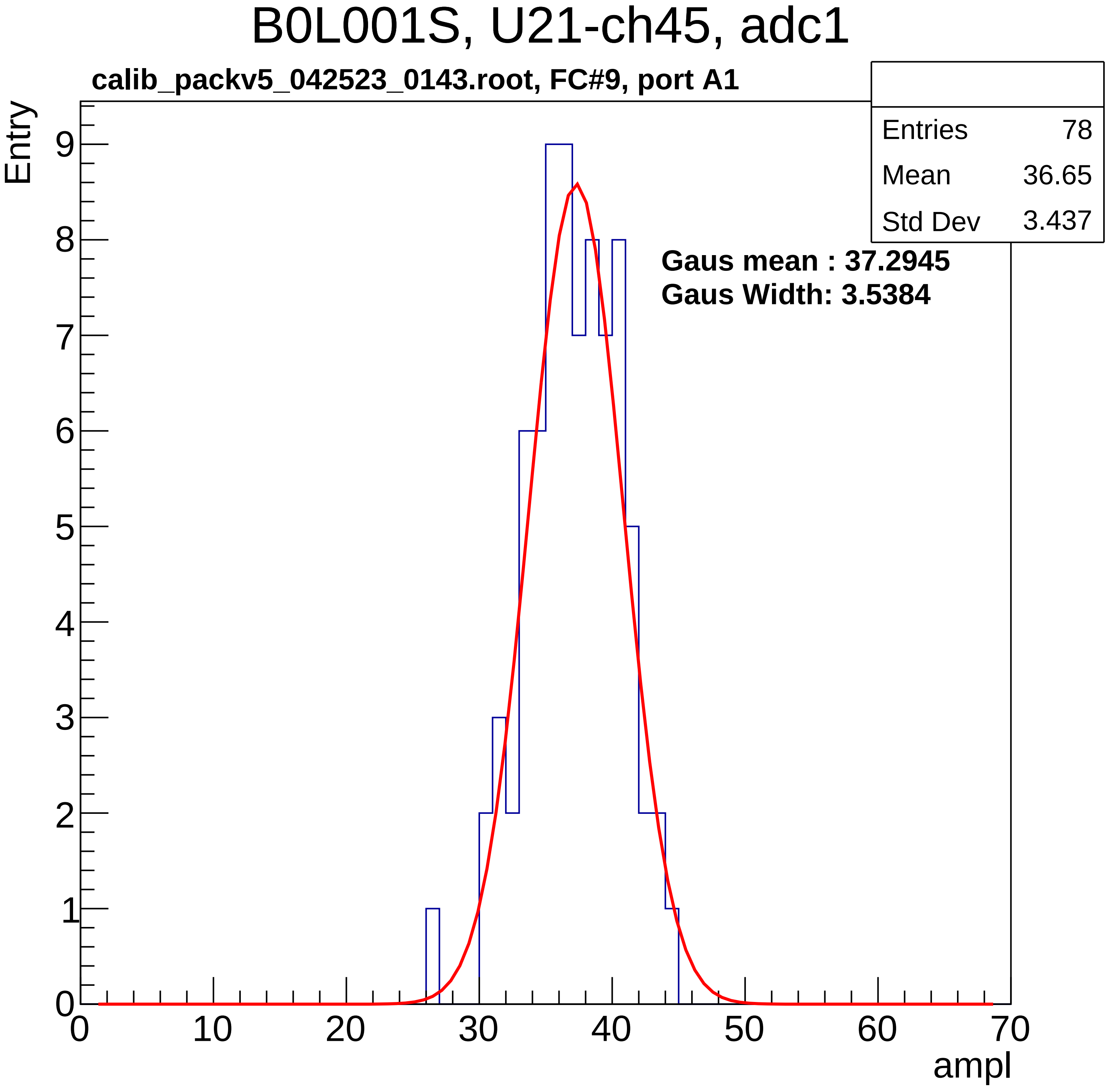


B0L001S, U21-ch44, adc6

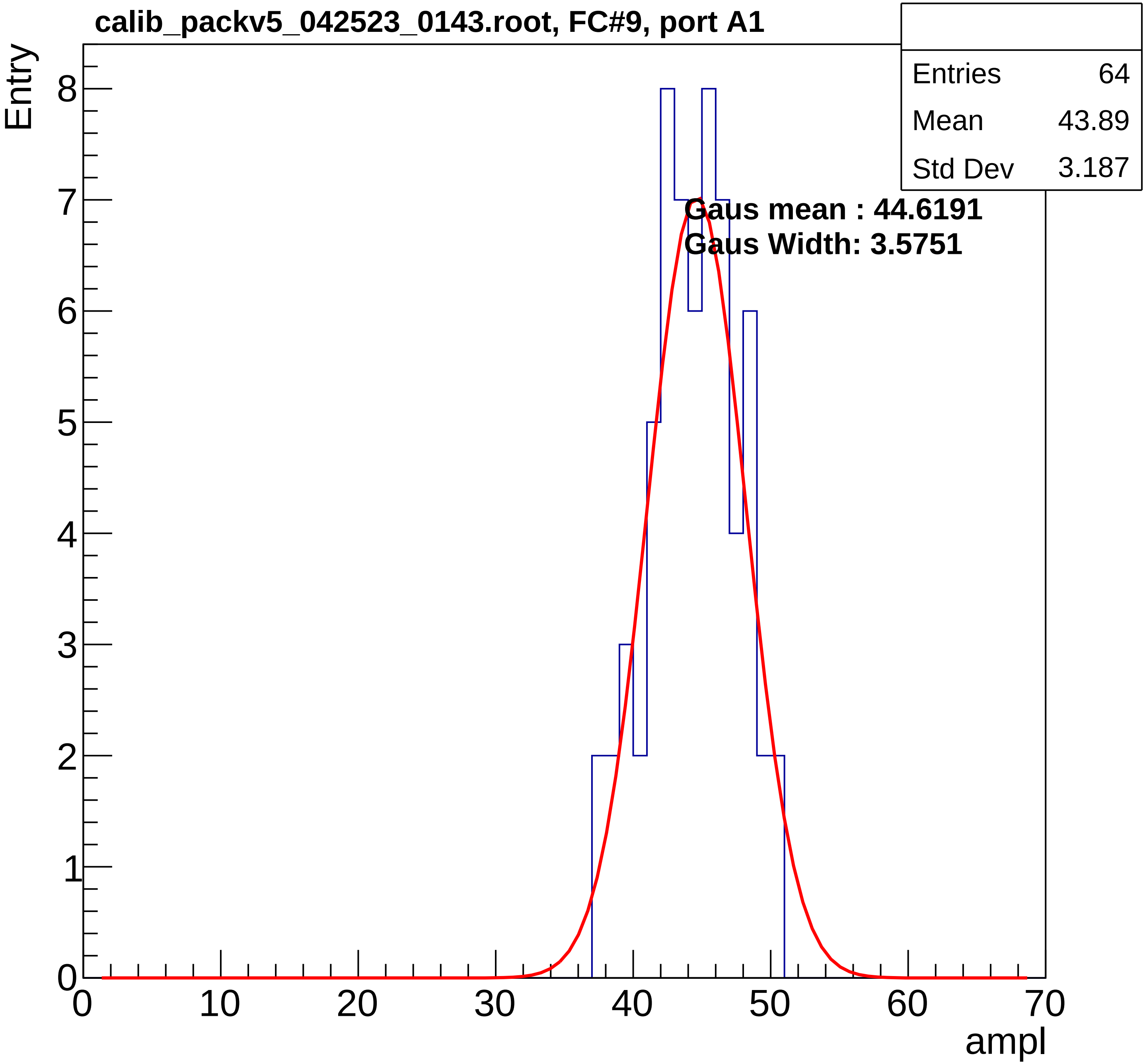



B0L001S, U21-ch44, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch45, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 28.86
Std Dev 3.581
Gaus mean : 29.3404
Gaus Width: 3.9537
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

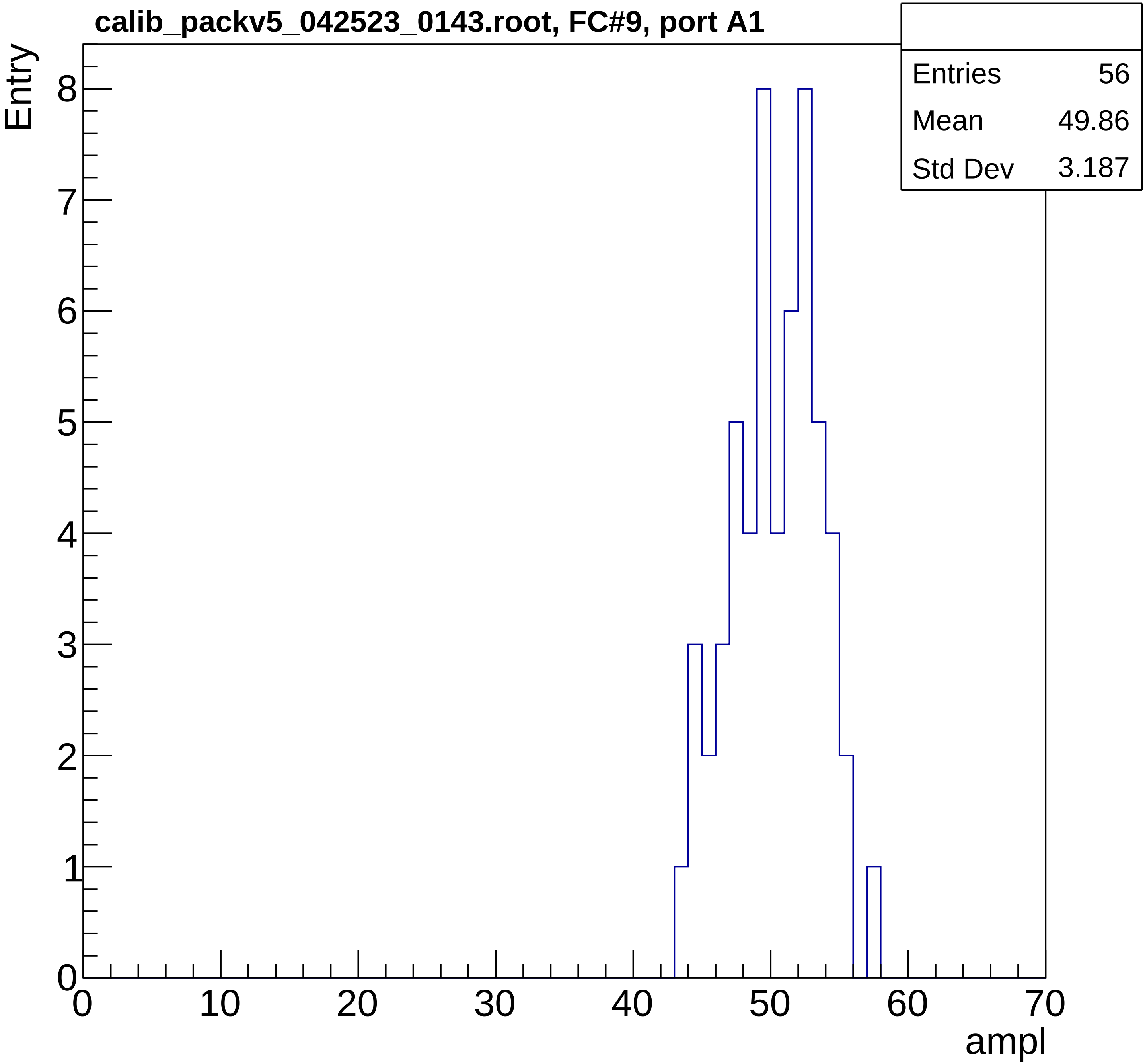

B0L001S, U21-ch45, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 78
Mean 36.65
Std Dev 3.437
Gaus mean : 37.2945
Gaus Width: 3.5384
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

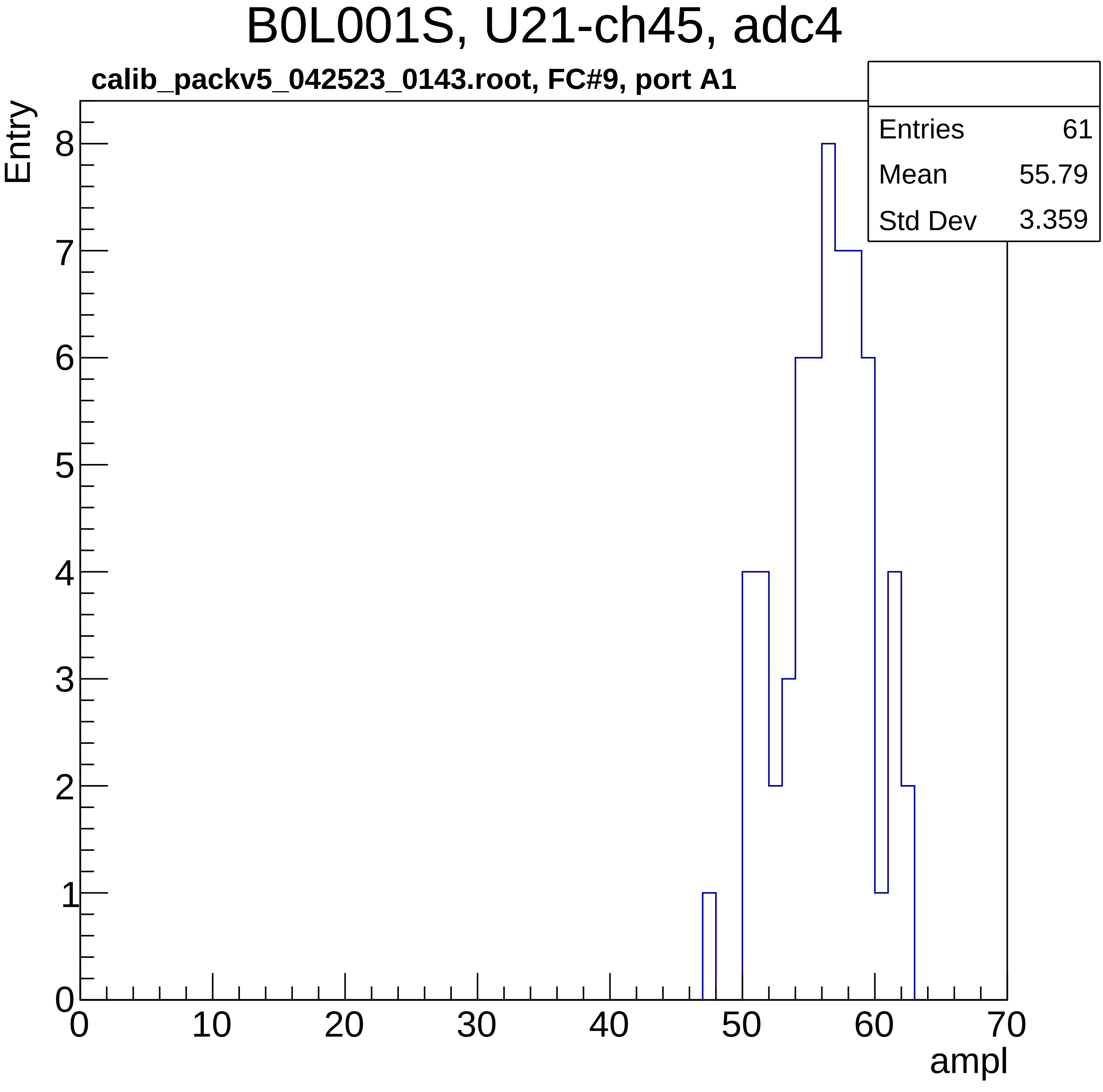
B0L001S, U21-ch45, adc2



B0L001S, U21-ch45, adc3

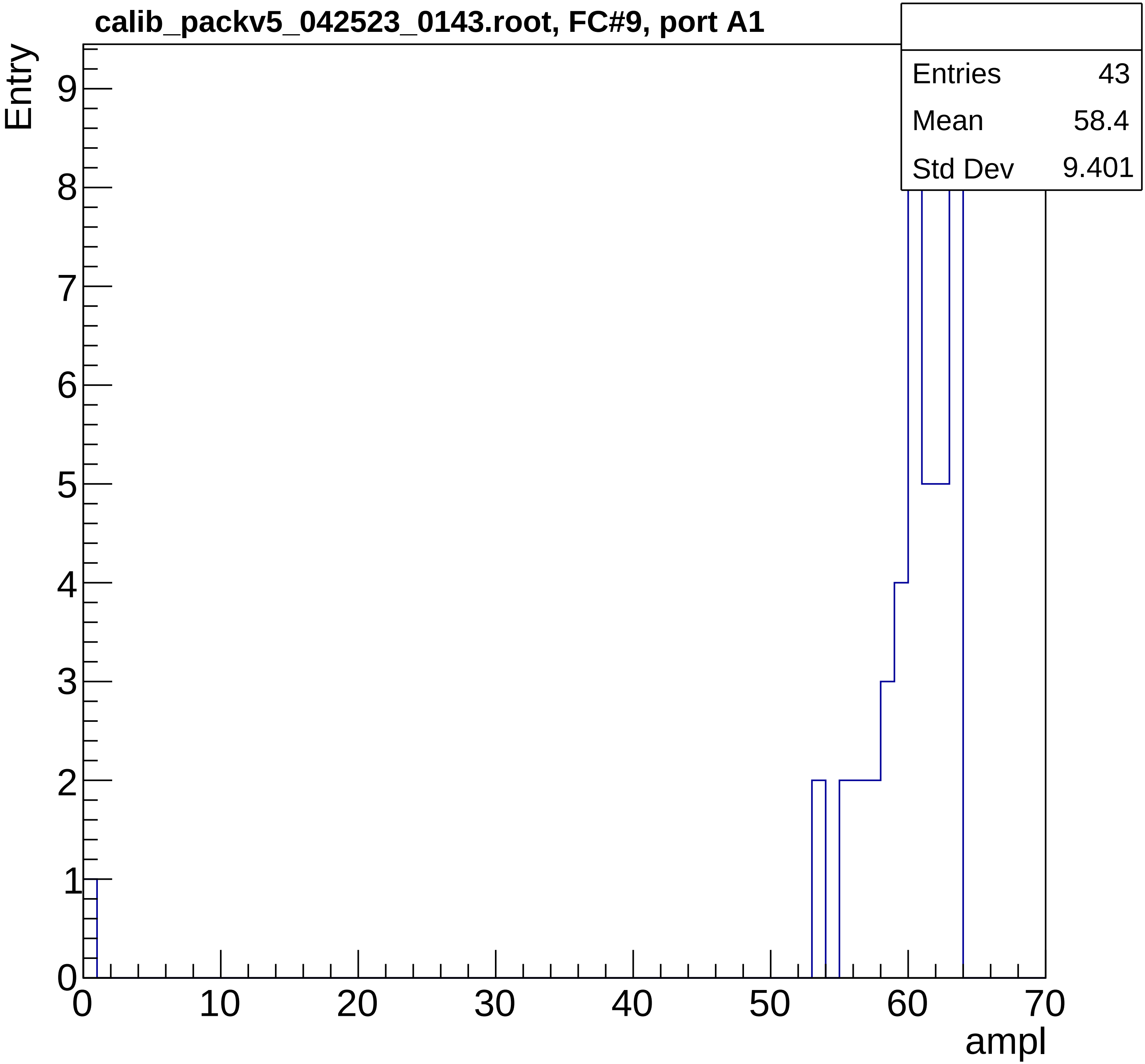
calib_packv5_042523_0143.run, FC#9, port A1



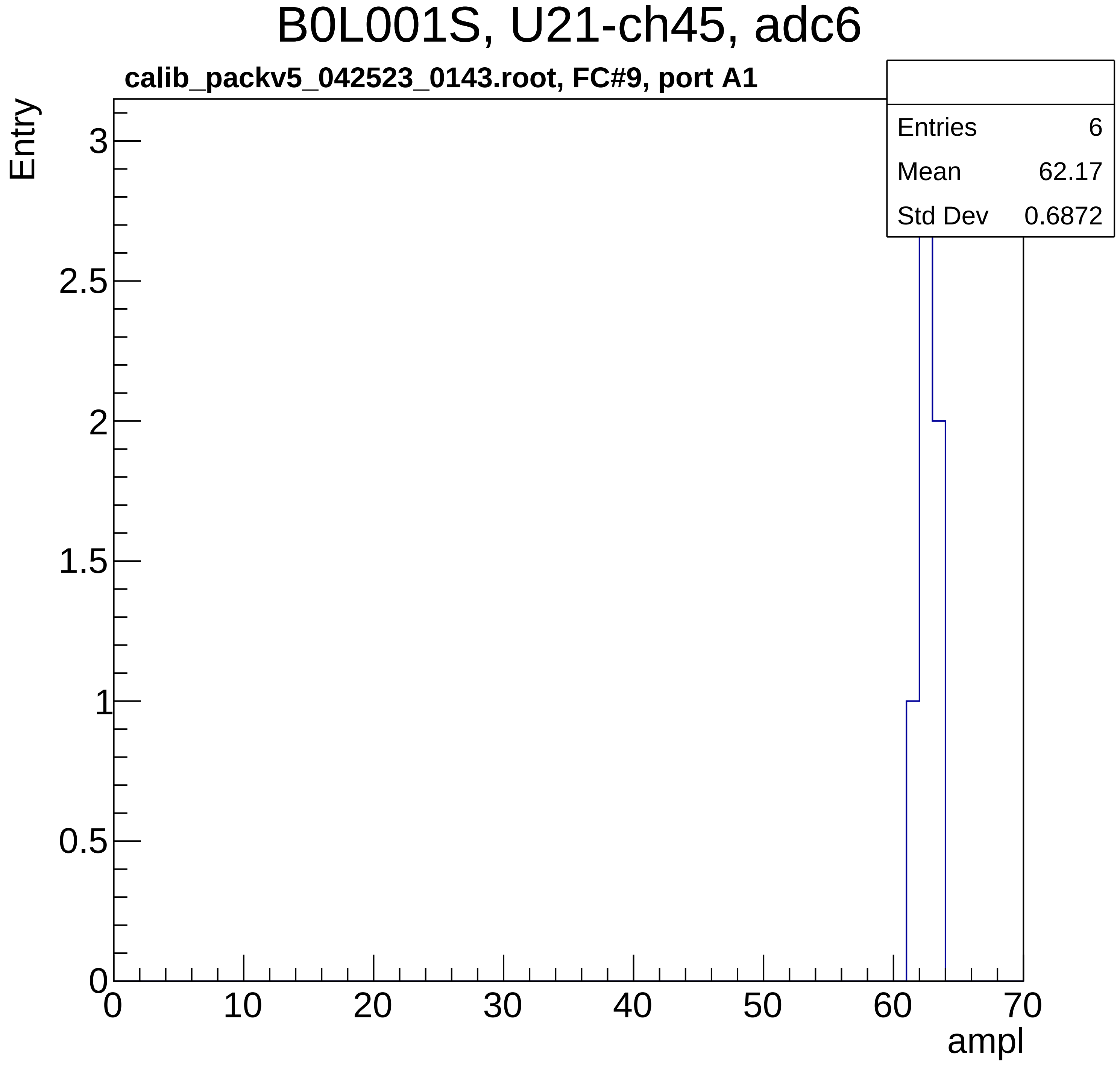

B0L001S, U21-ch45, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 55.79
Std Dev 3.359
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch45, adc5

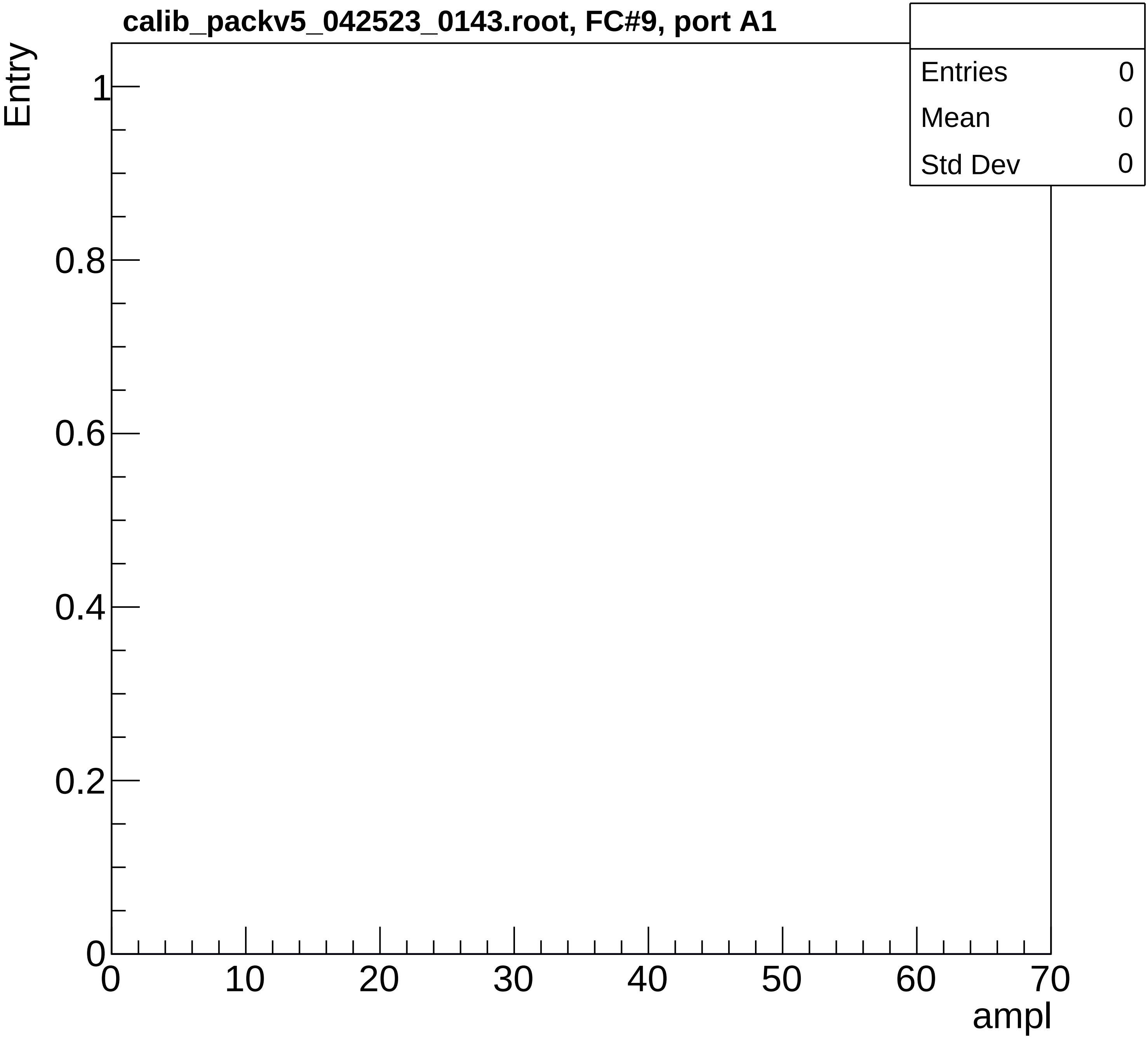
calib_packv5_042523_0143.root, FC#9, port A1

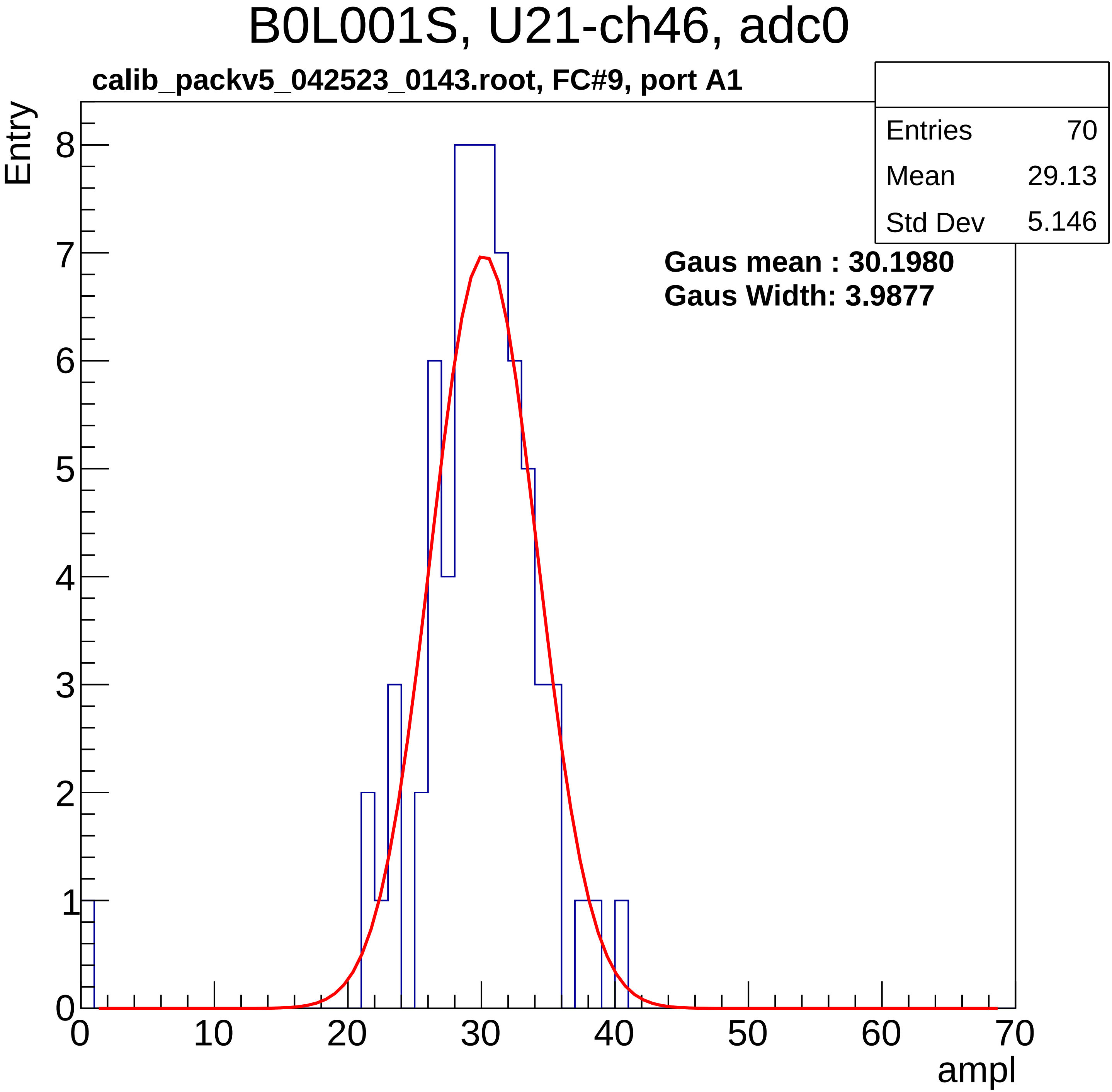


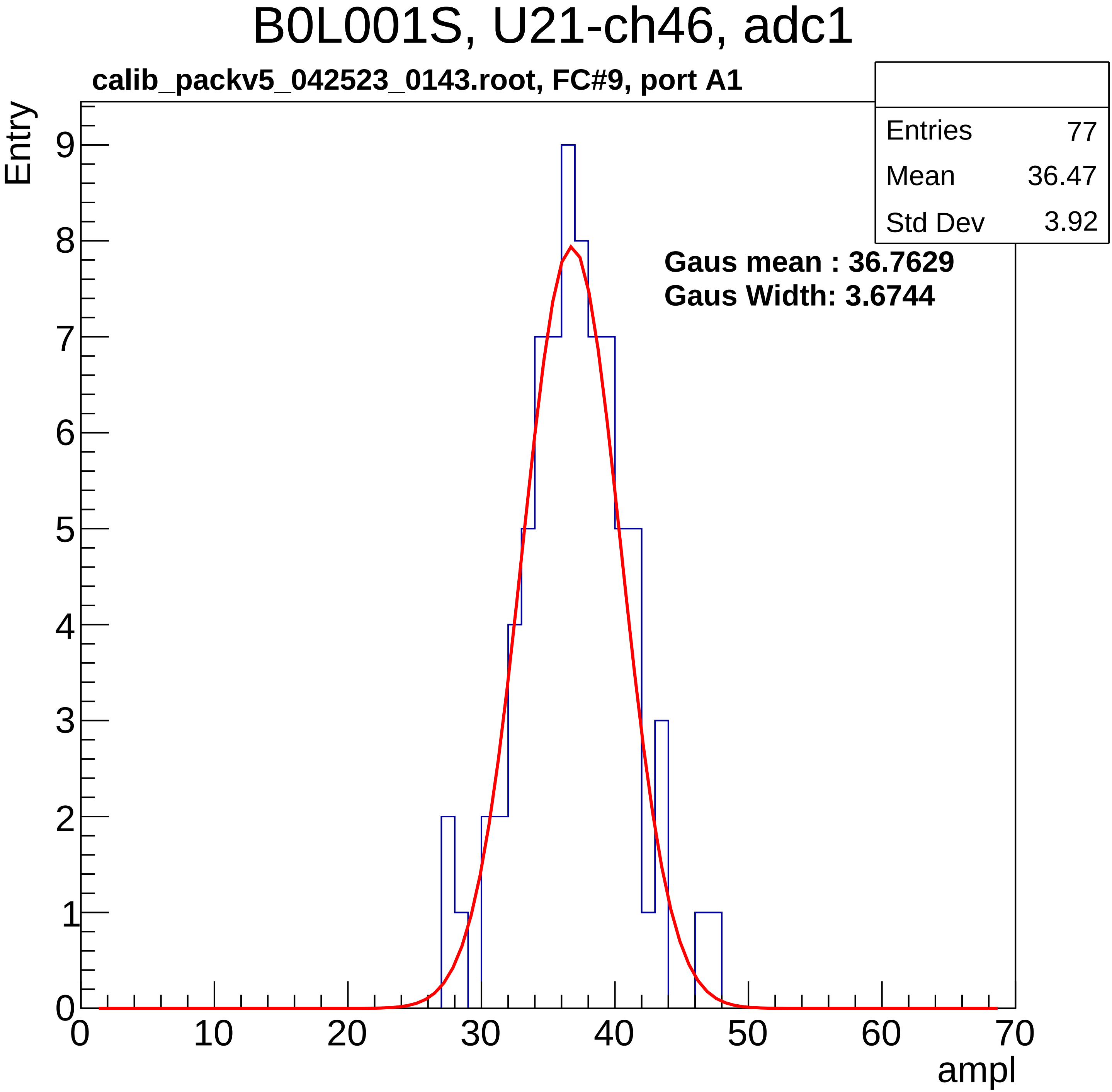
Entries	43
Mean	58.4
Std Dev	9.401

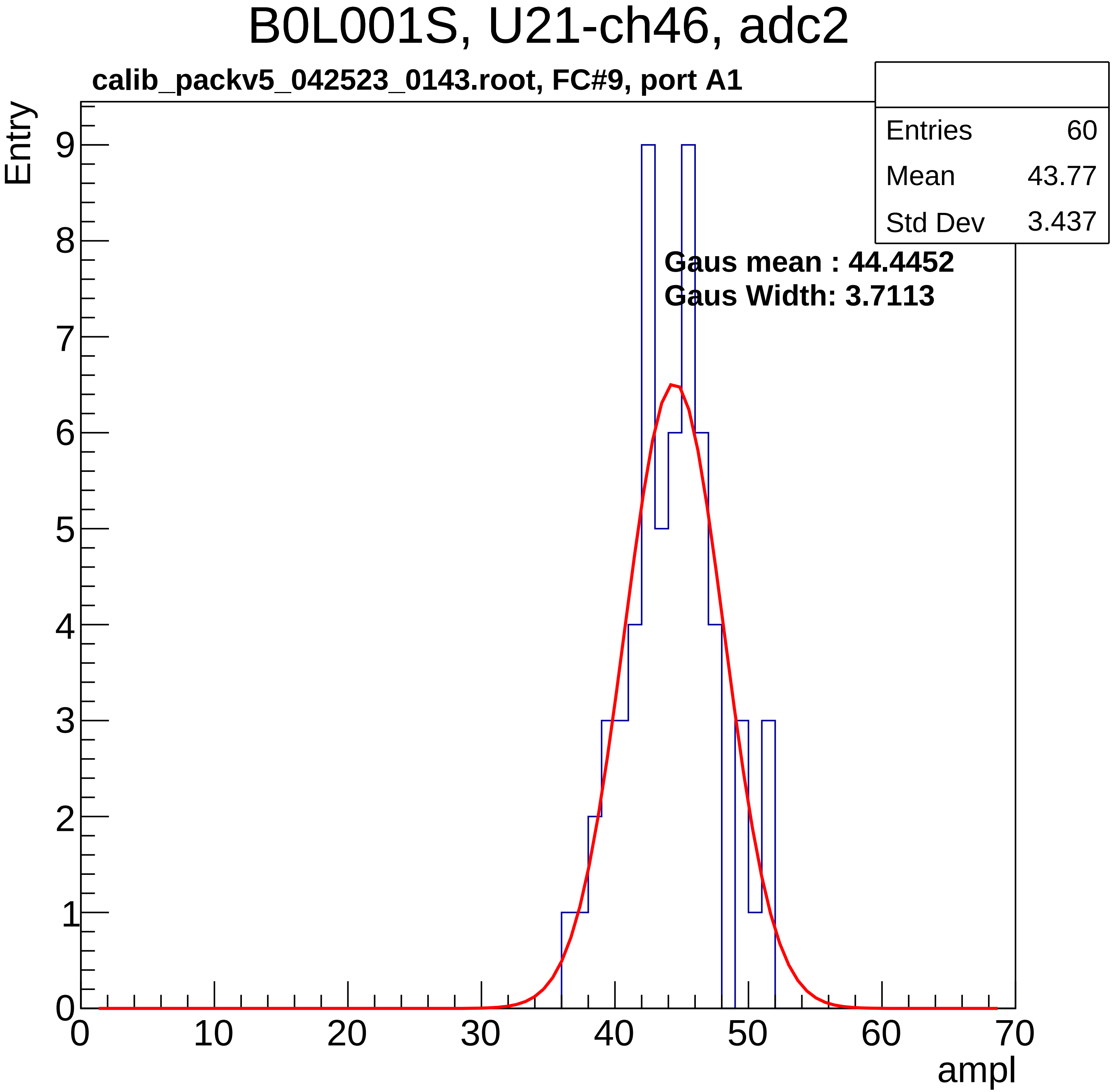

B0L001S, U21-ch45, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 6
Mean 62.17
Std Dev 0.6872
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

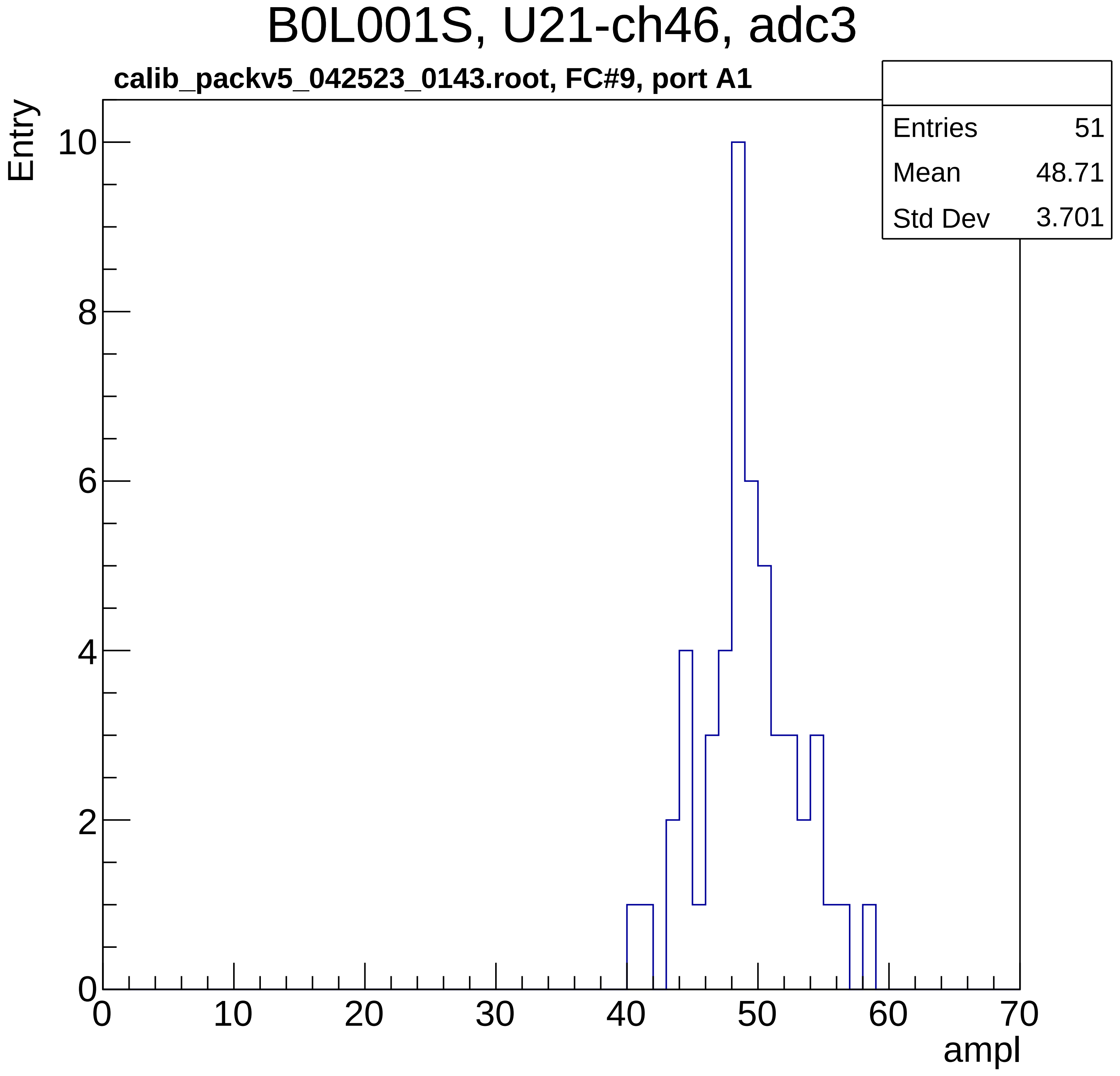
B0L001S, U21-ch45, adc7

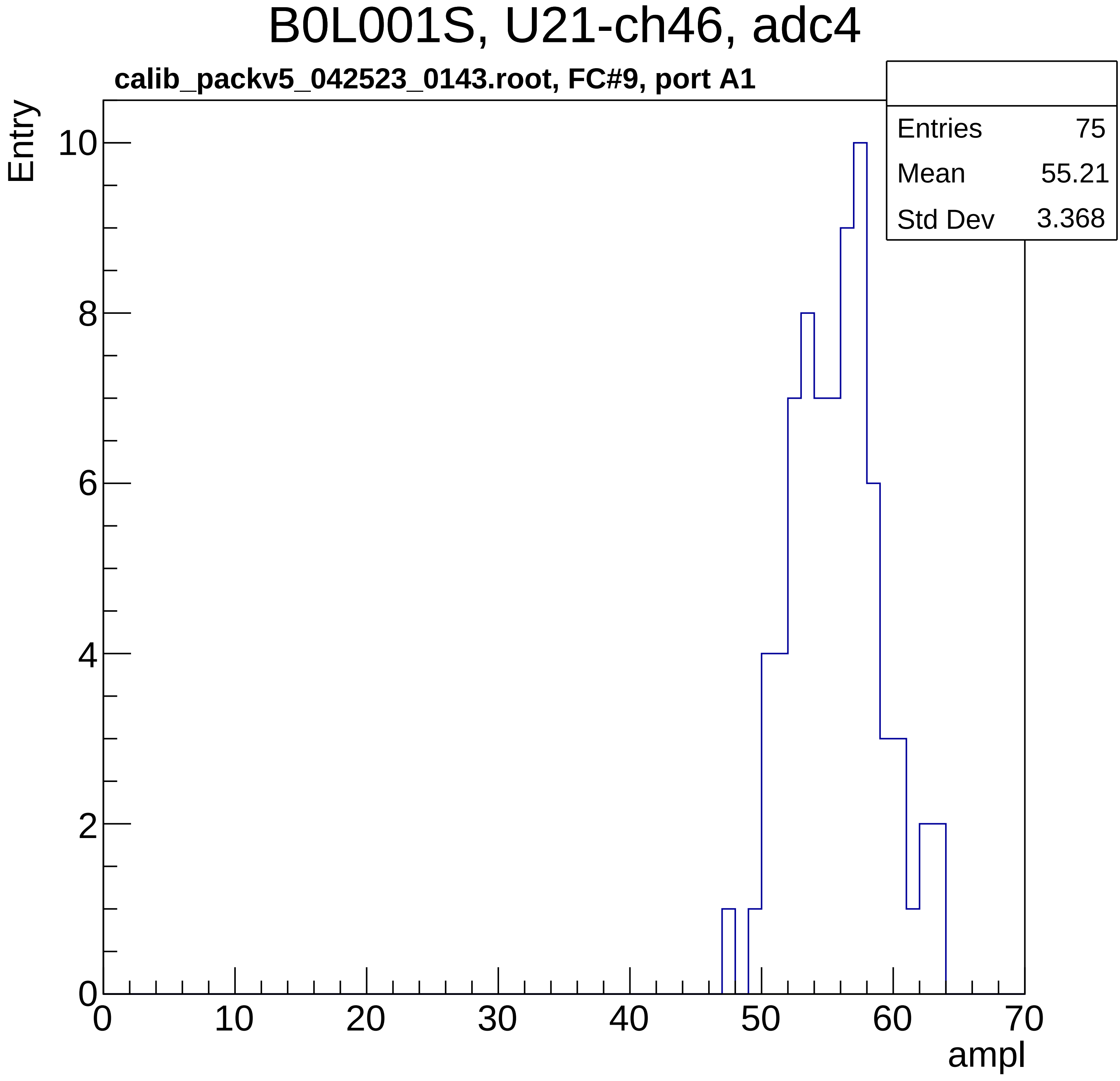


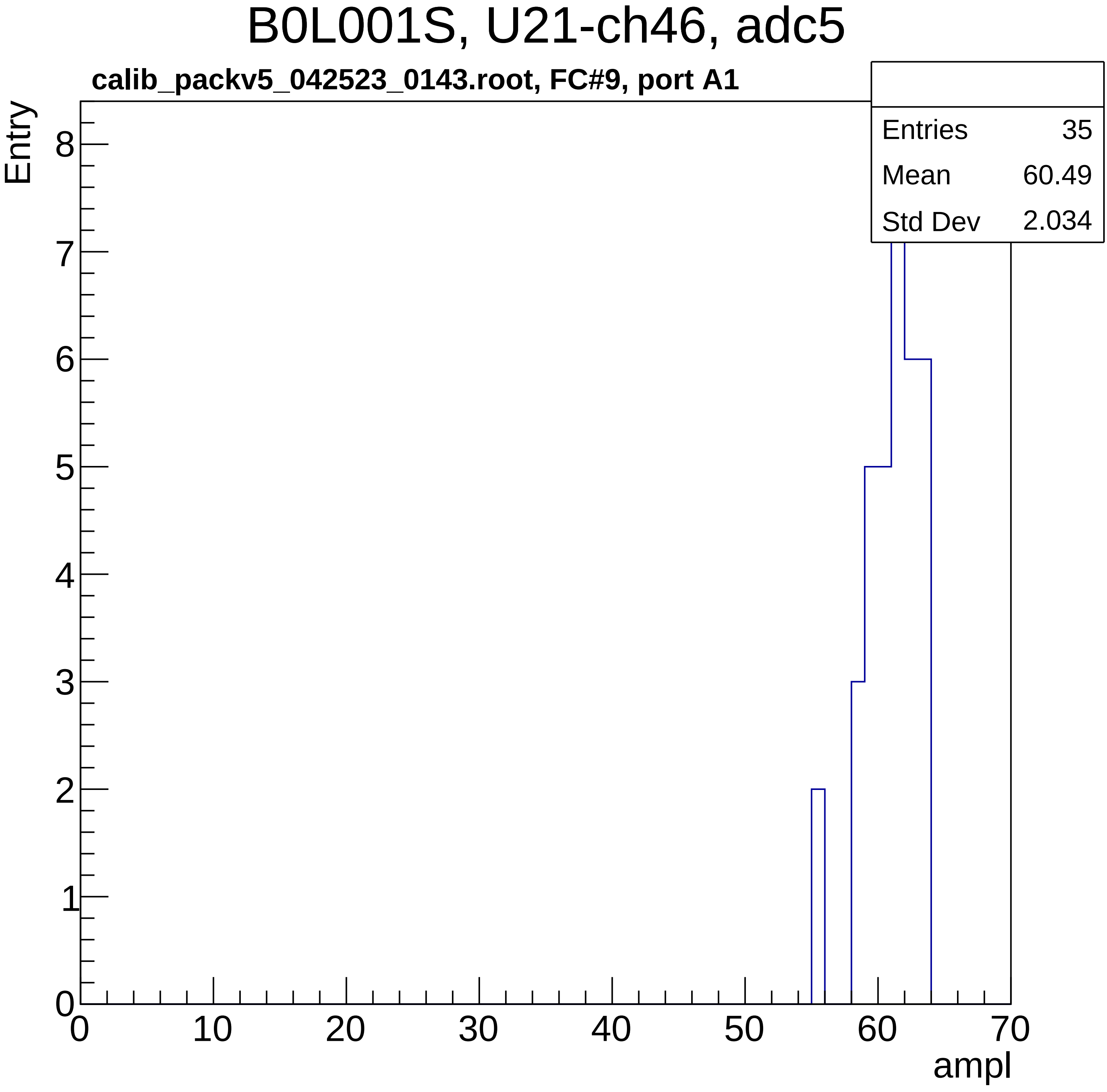

B0L001S, U21-ch46, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 29.13
Std Dev 5.146
Gaus mean : 30.1980
Gaus Width: 3.9877
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

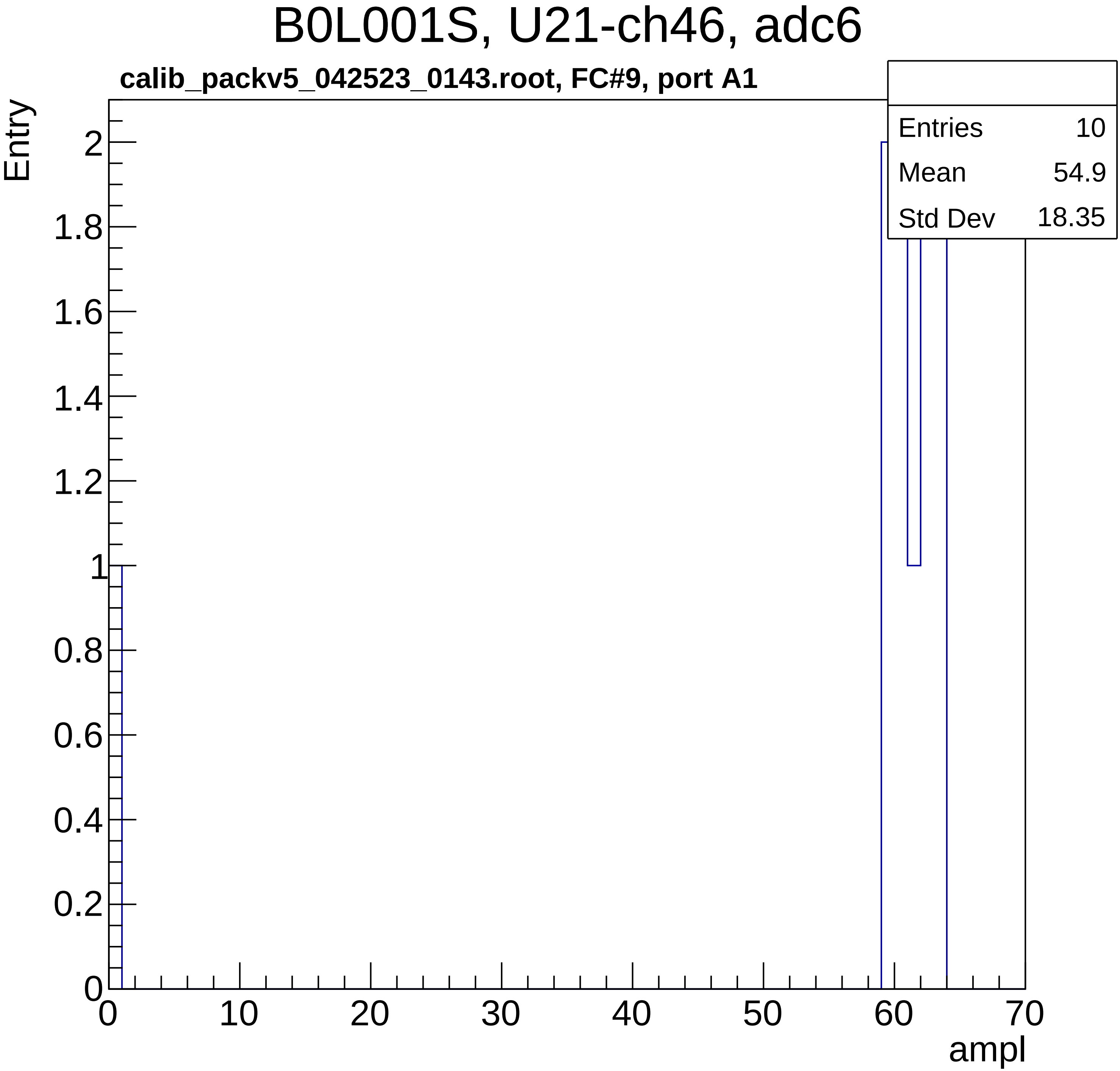

B0L001S, U21-ch46, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 36.47
Std Dev 3.92
Gaus mean : 36.7629
Gaus Width: 3.6744
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch46, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 43.77
Std Dev 3.437
Gaus mean : 44.4452
Gaus Width: 3.7113
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

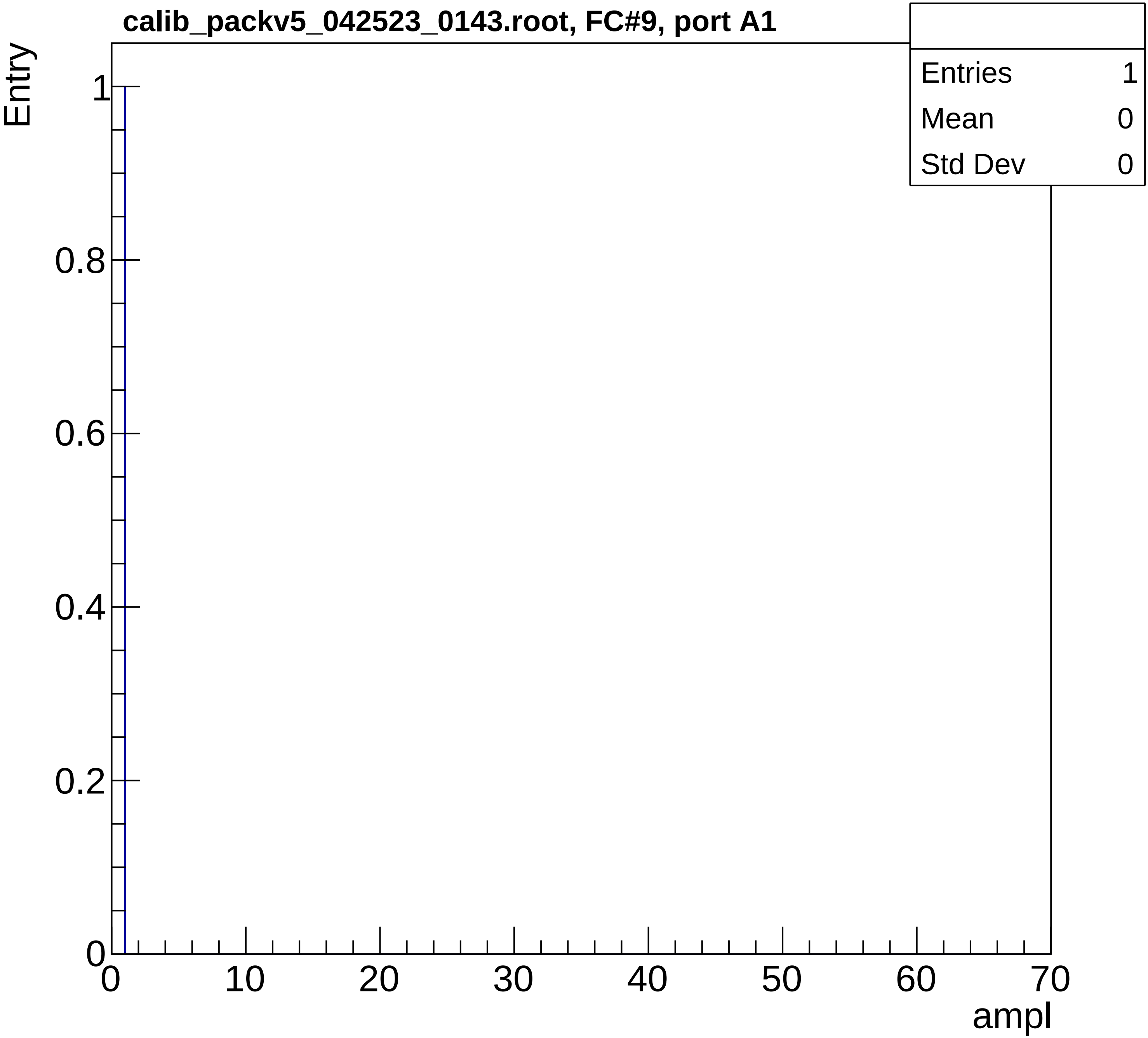

B0L001S, U21-ch46, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 48.71
Std Dev 3.701
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

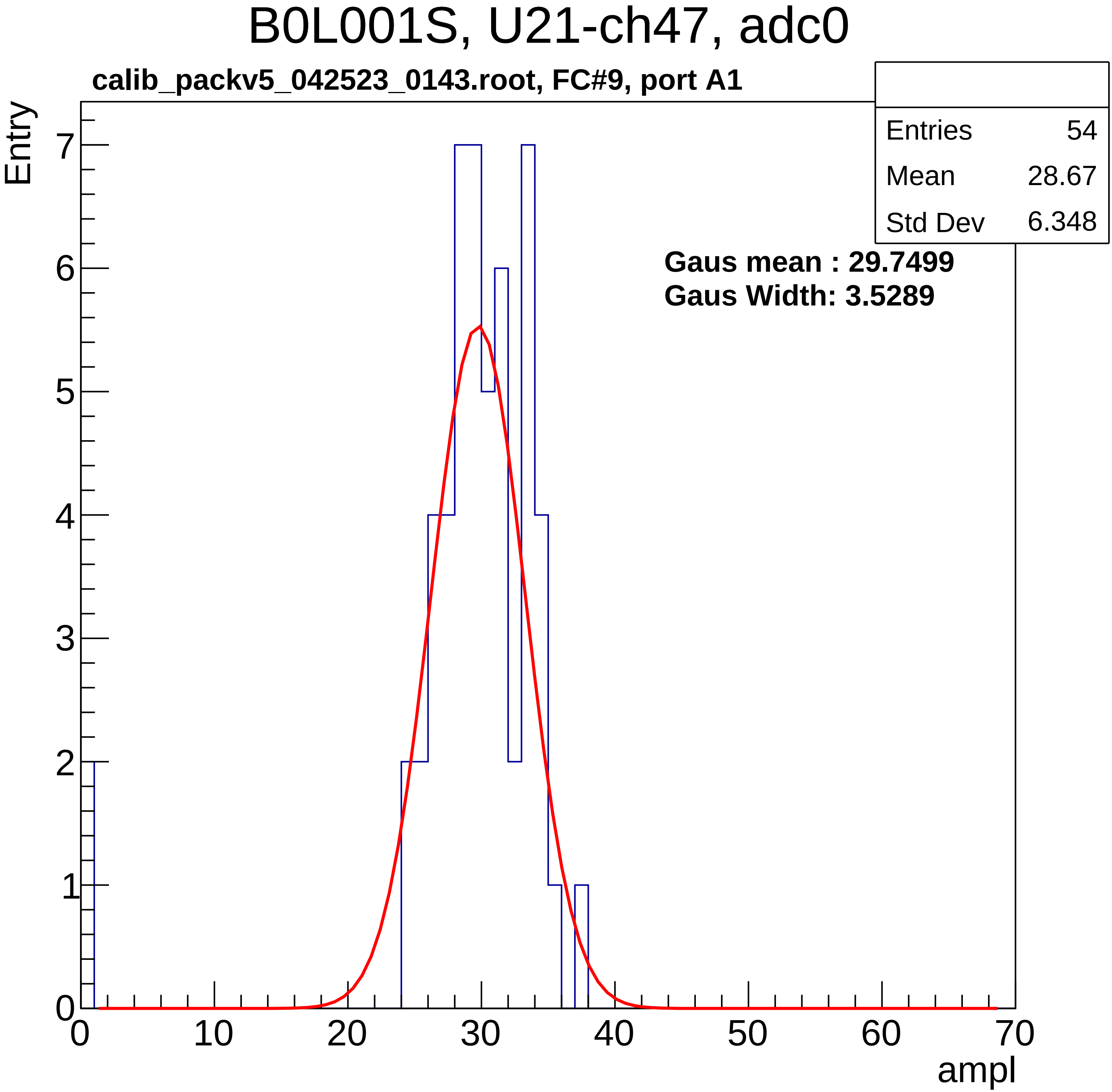

B0L001S, U21-ch46, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 75
Mean 55.21
Std Dev 3.368
0
2
4
6
8
10
0
10
20
30
40
50
60
70

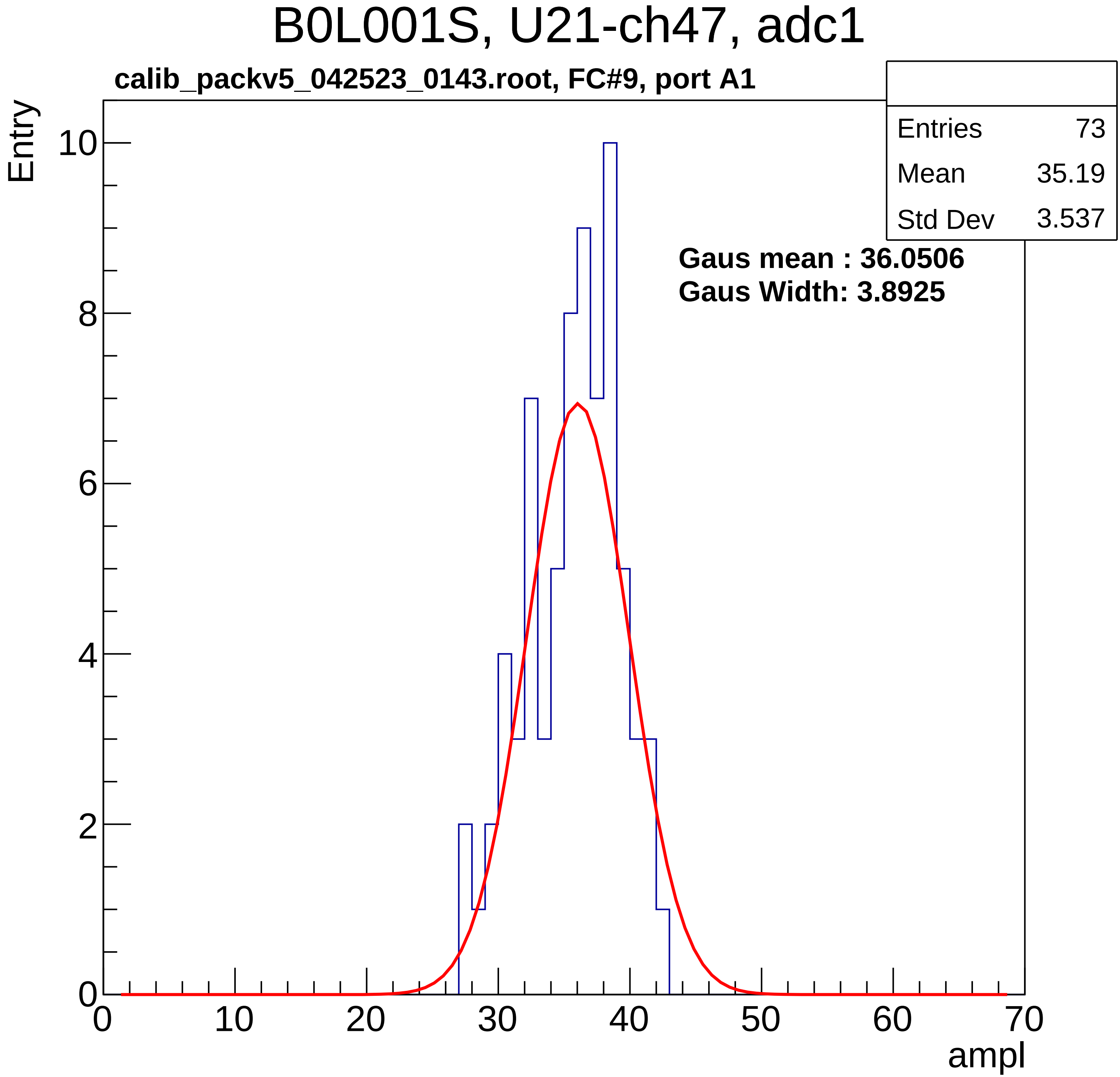

B0L001S, U21-ch46, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 60.49
Std Dev 2.034
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

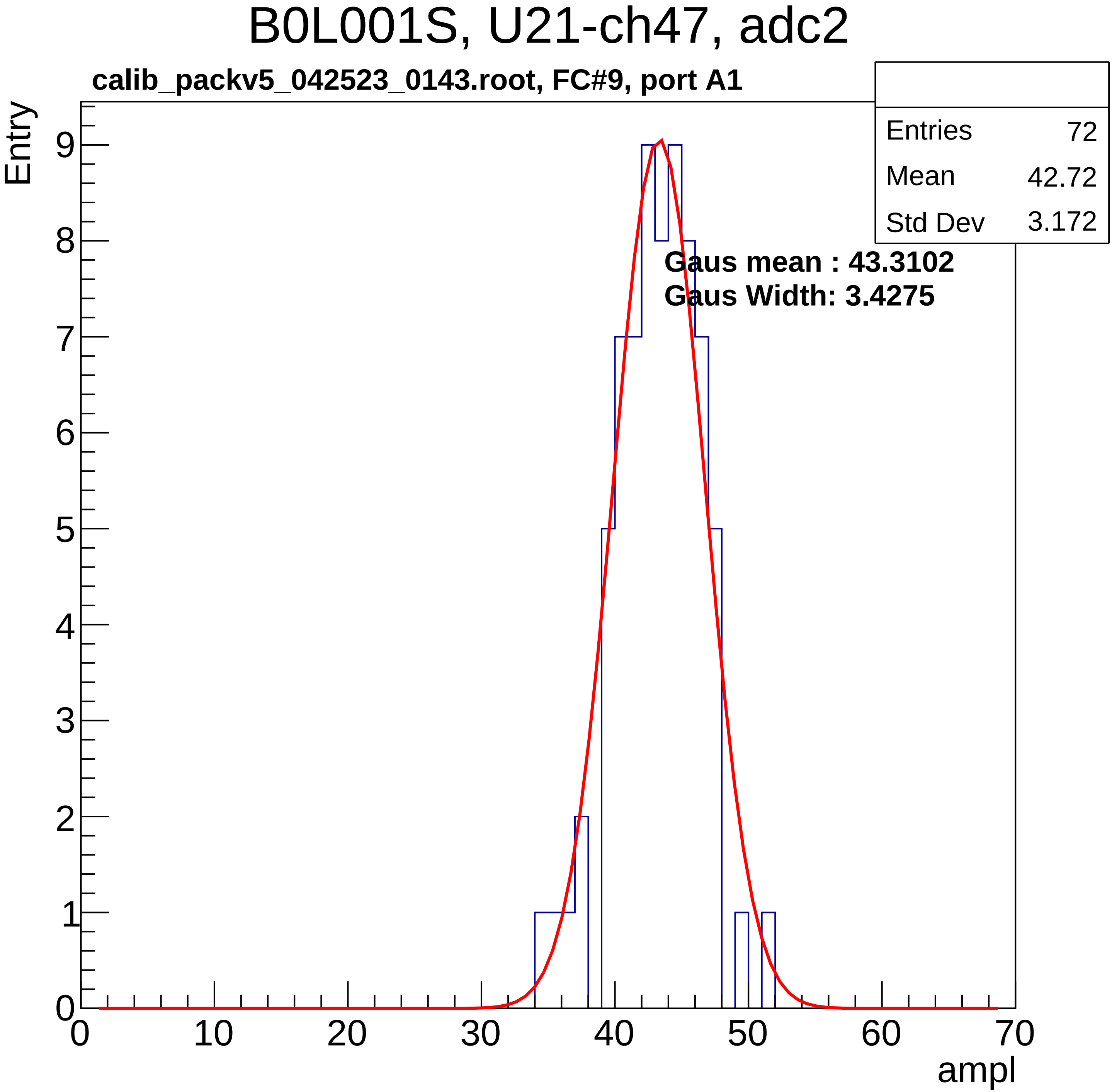

B0L001S, U21-ch46, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 10
Mean 54.9
Std Dev 18.35
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

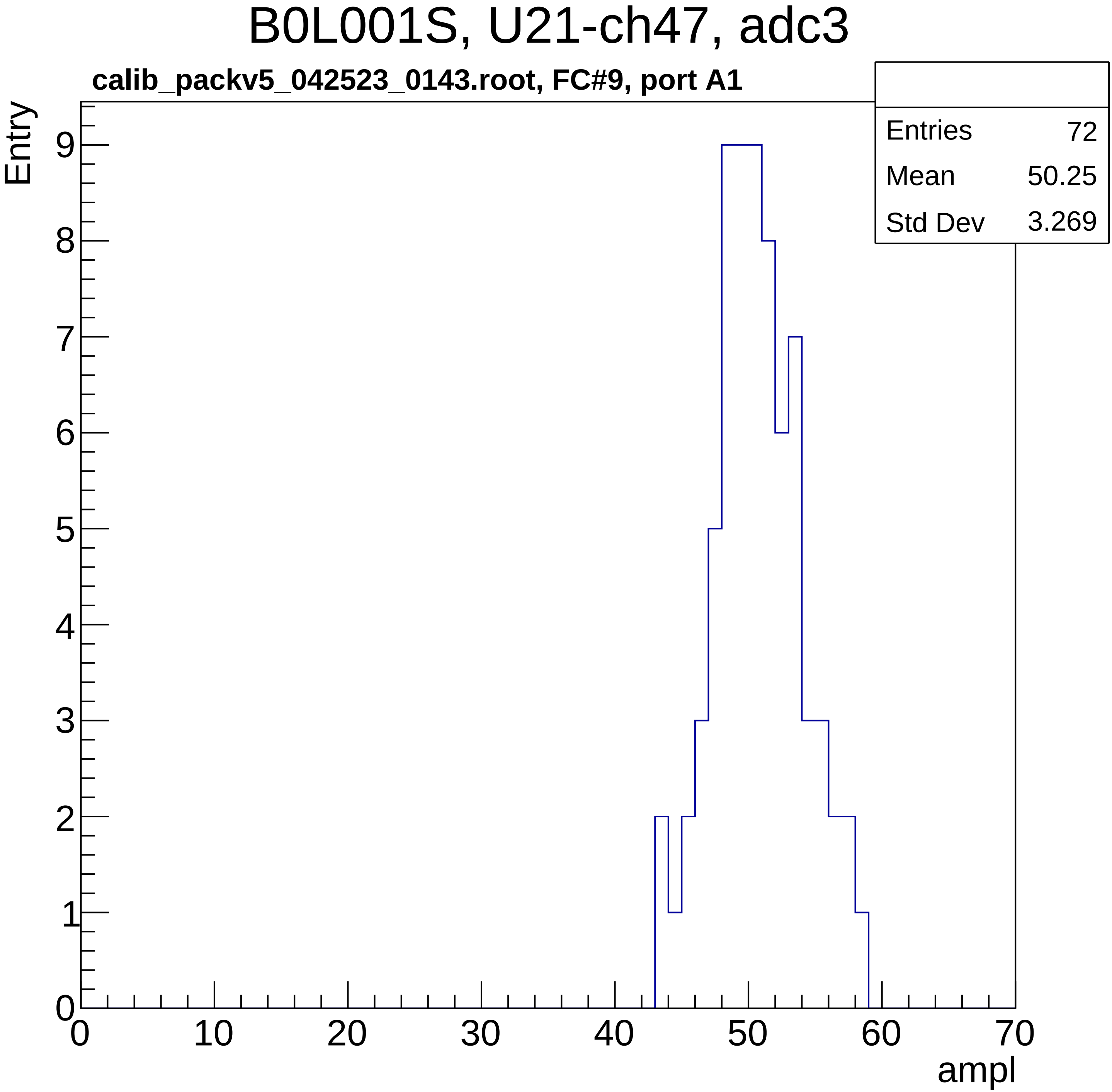
B0L001S, U21-ch46, adc7




B0L001S, U21-ch47, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 28.67
Std Dev 6.348
Gaus mean : 29.7499
Gaus Width: 3.5289
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

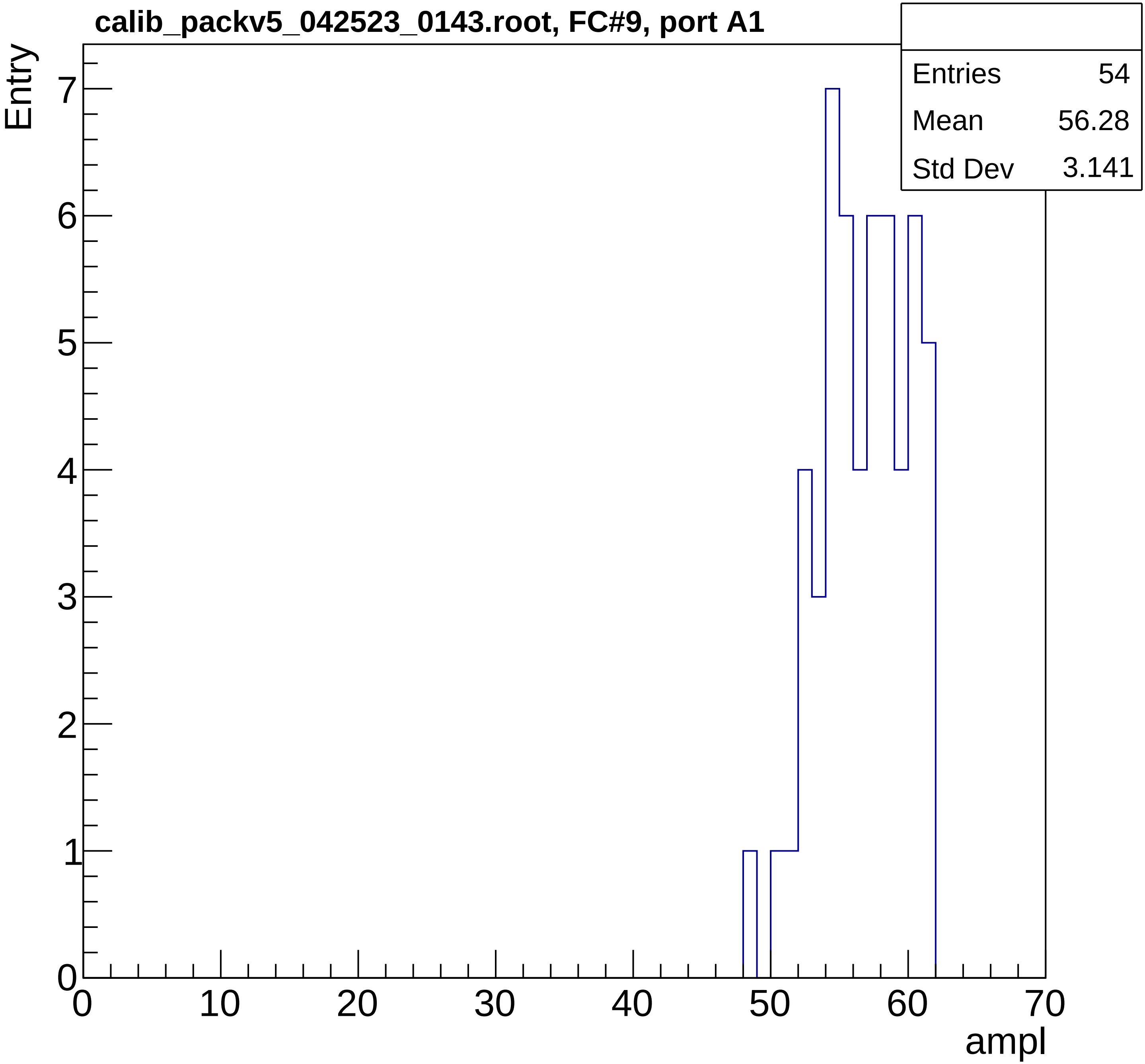

B0L001S, U21-ch47, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 35.19
Std Dev 3.537
Gaus mean : 36.0506
Gaus Width: 3.8925
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

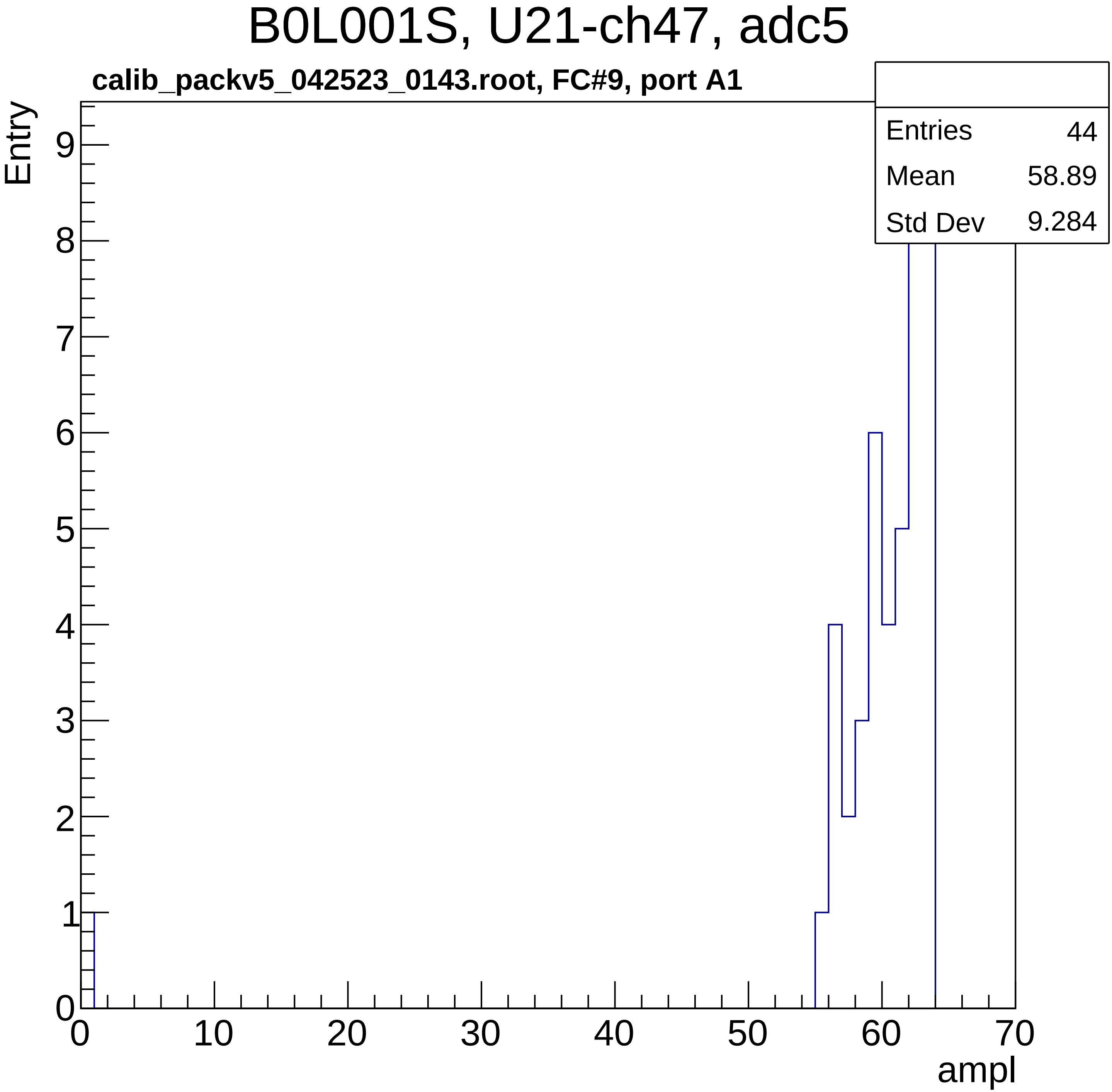

B0L001S, U21-ch47, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 42.72
Std Dev 3.172
Gaus mean : 43.3102
Gaus Width: 3.4275
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch47, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 50.25
Std Dev 3.269
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch47, adc4

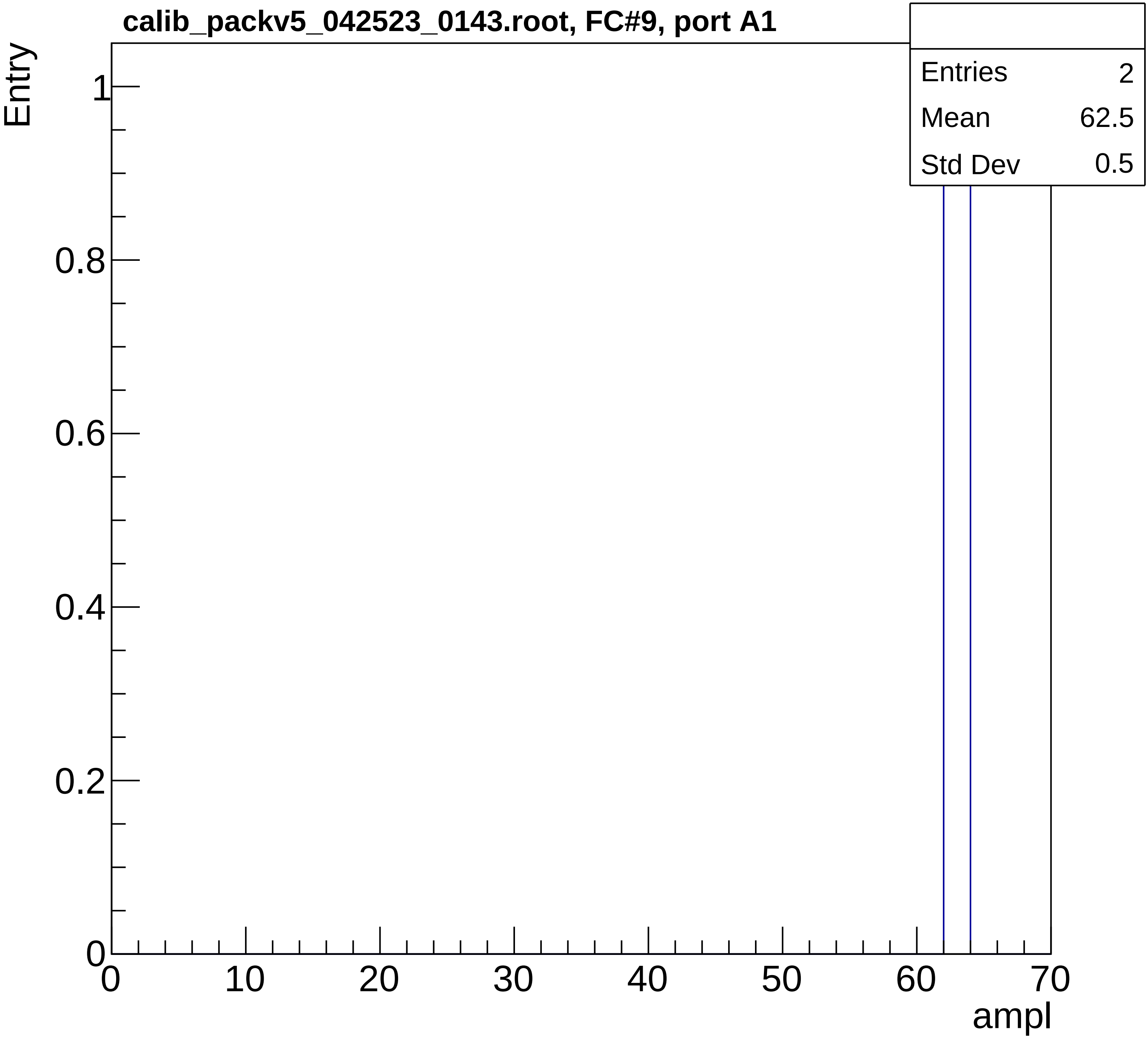
calib_packv5_042523_0143.root, FC#9, port A1



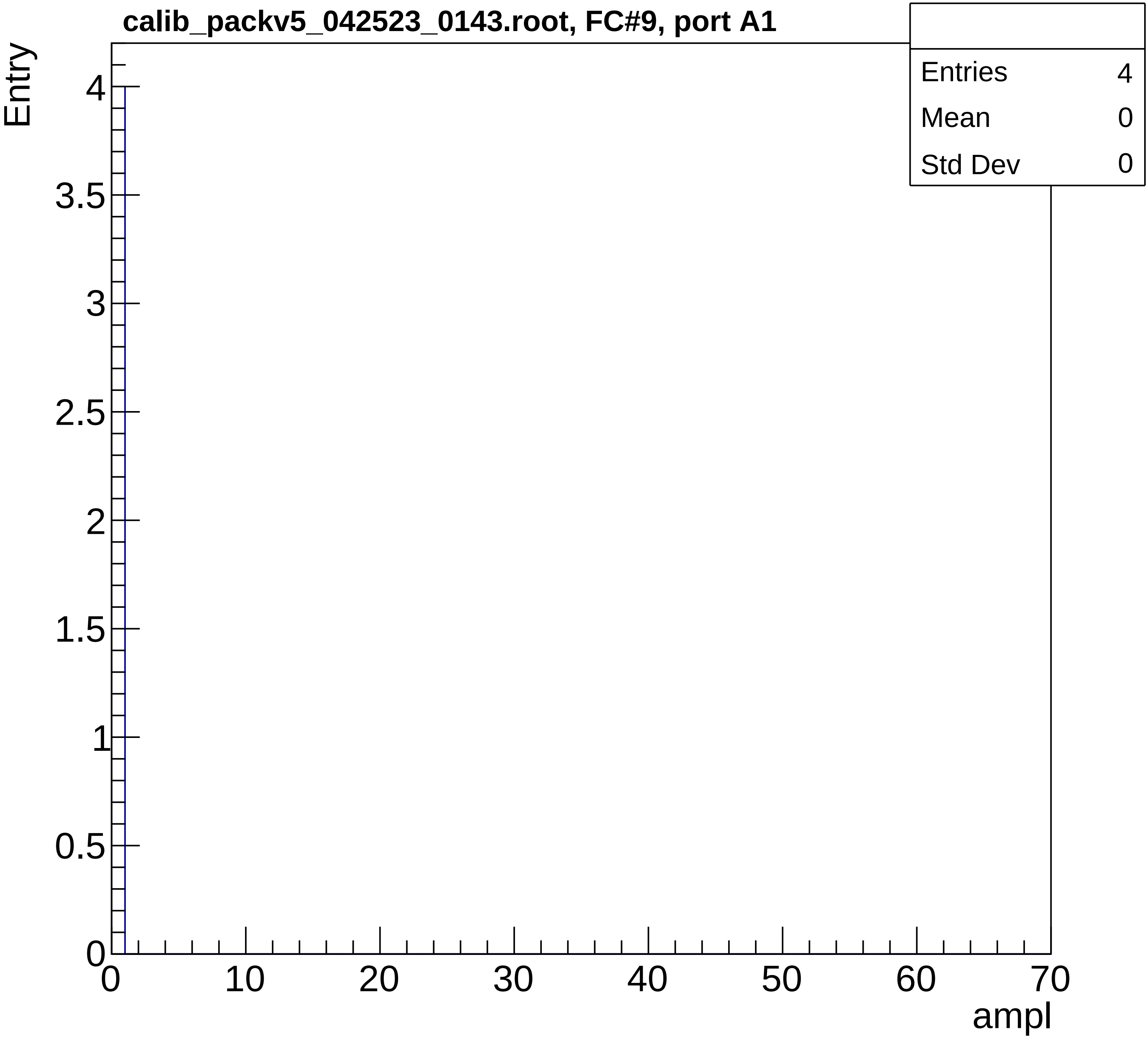

B0L001S, U21-ch47, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 44
Mean 58.89
Std Dev 9.284
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

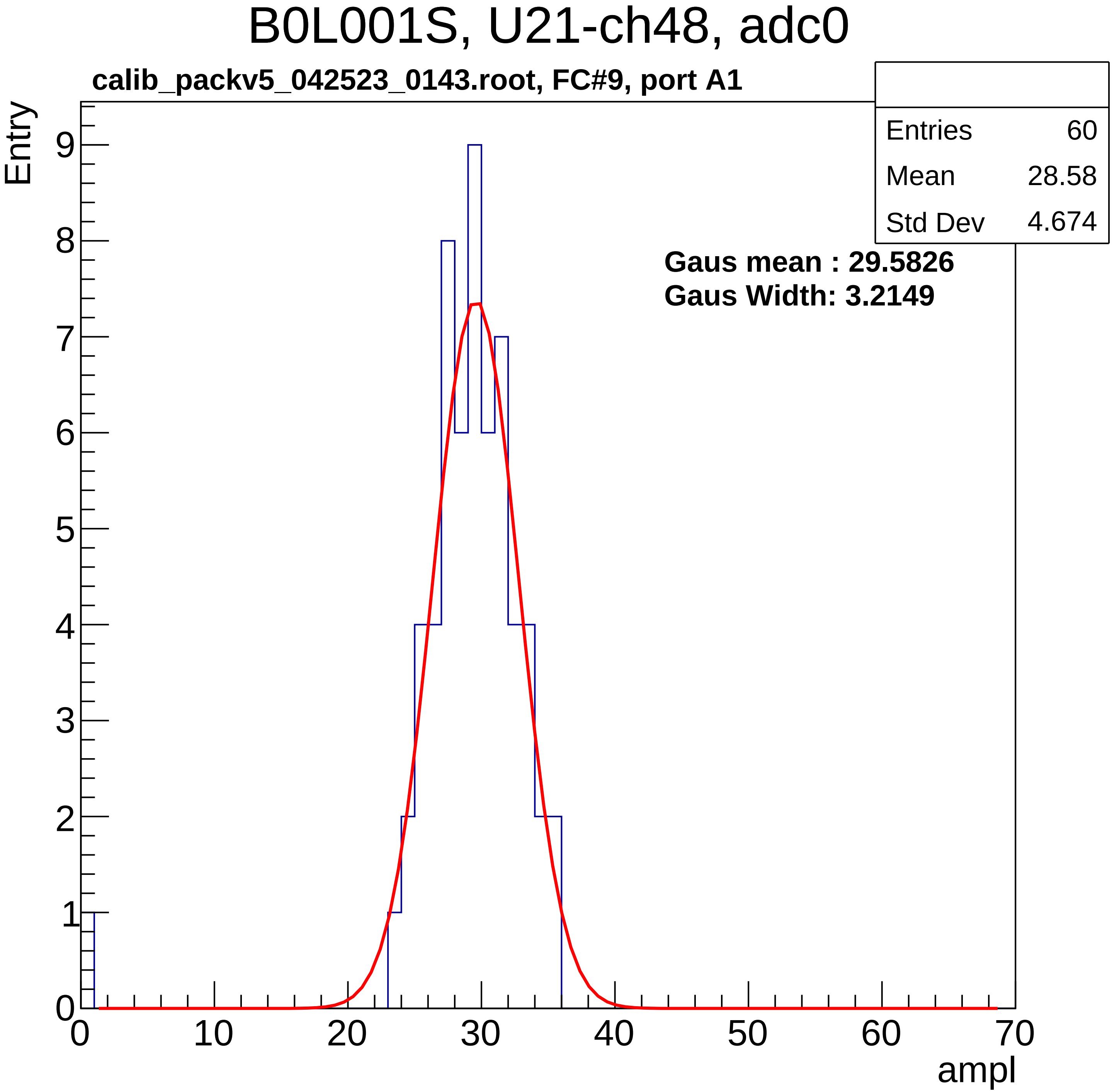
B0L001S, U21-ch47, adc6

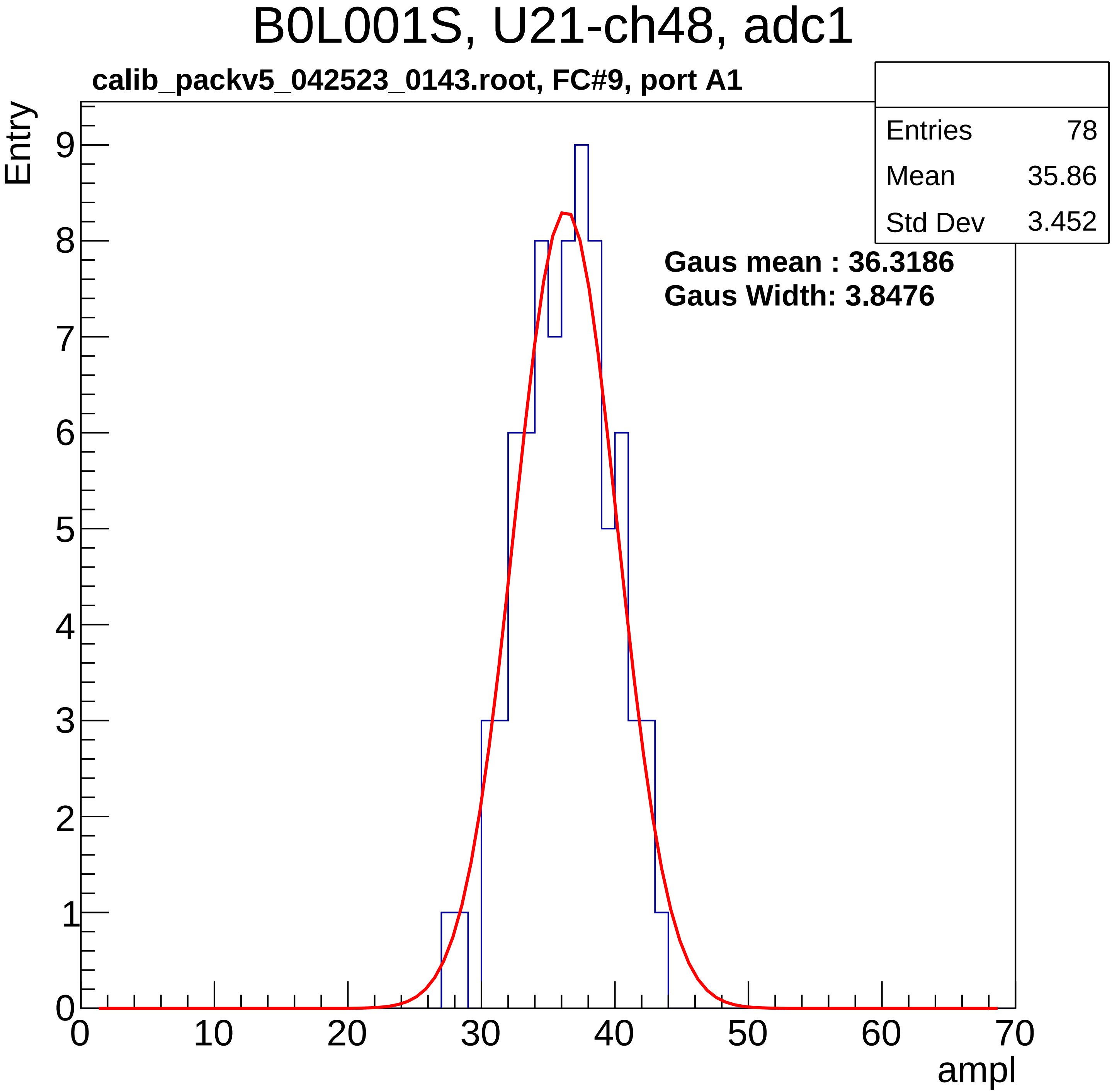
calib_packv5_042523_0143.root, FC#9, port A1



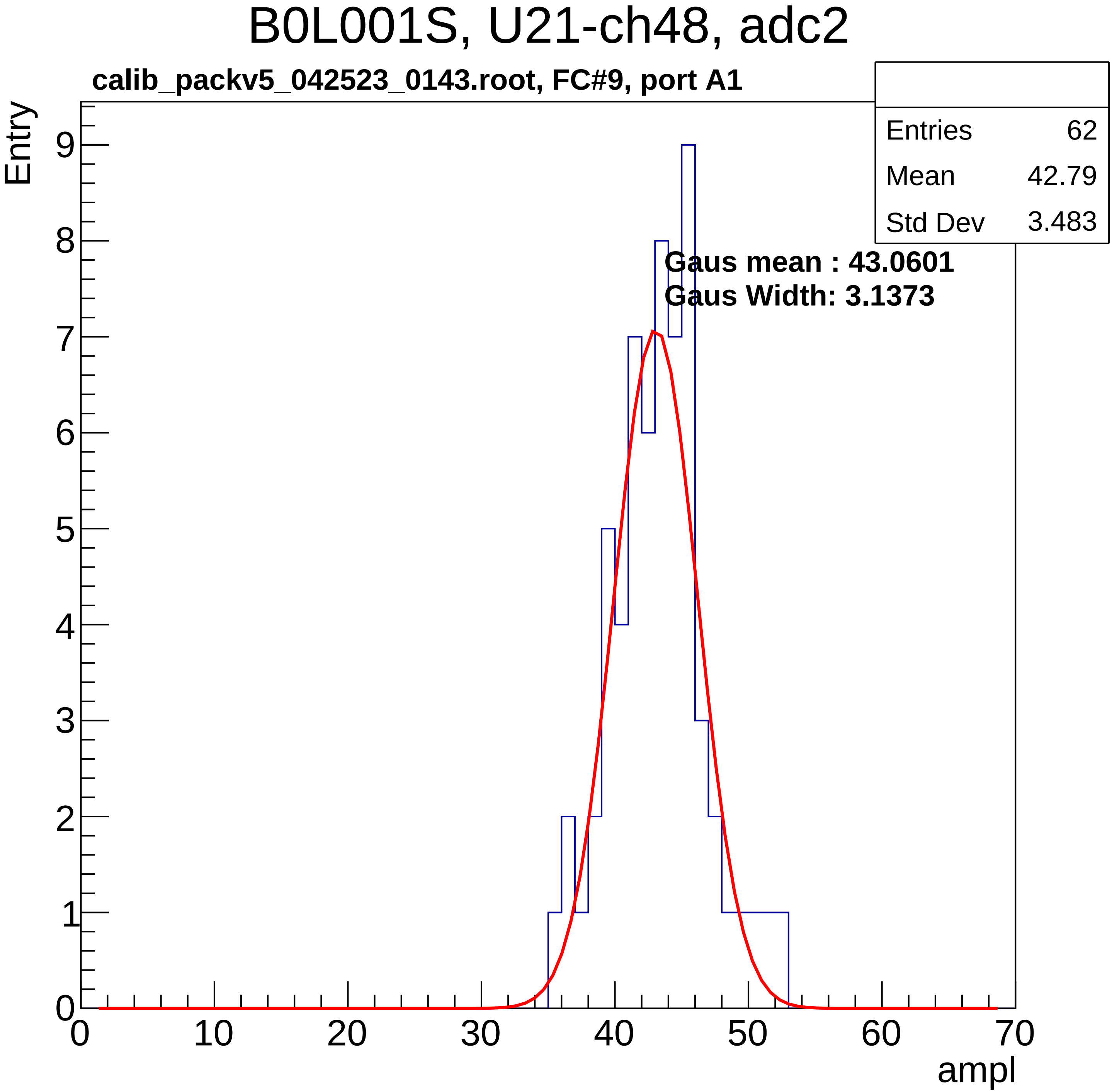
B0L001S, U21-ch47, adc7

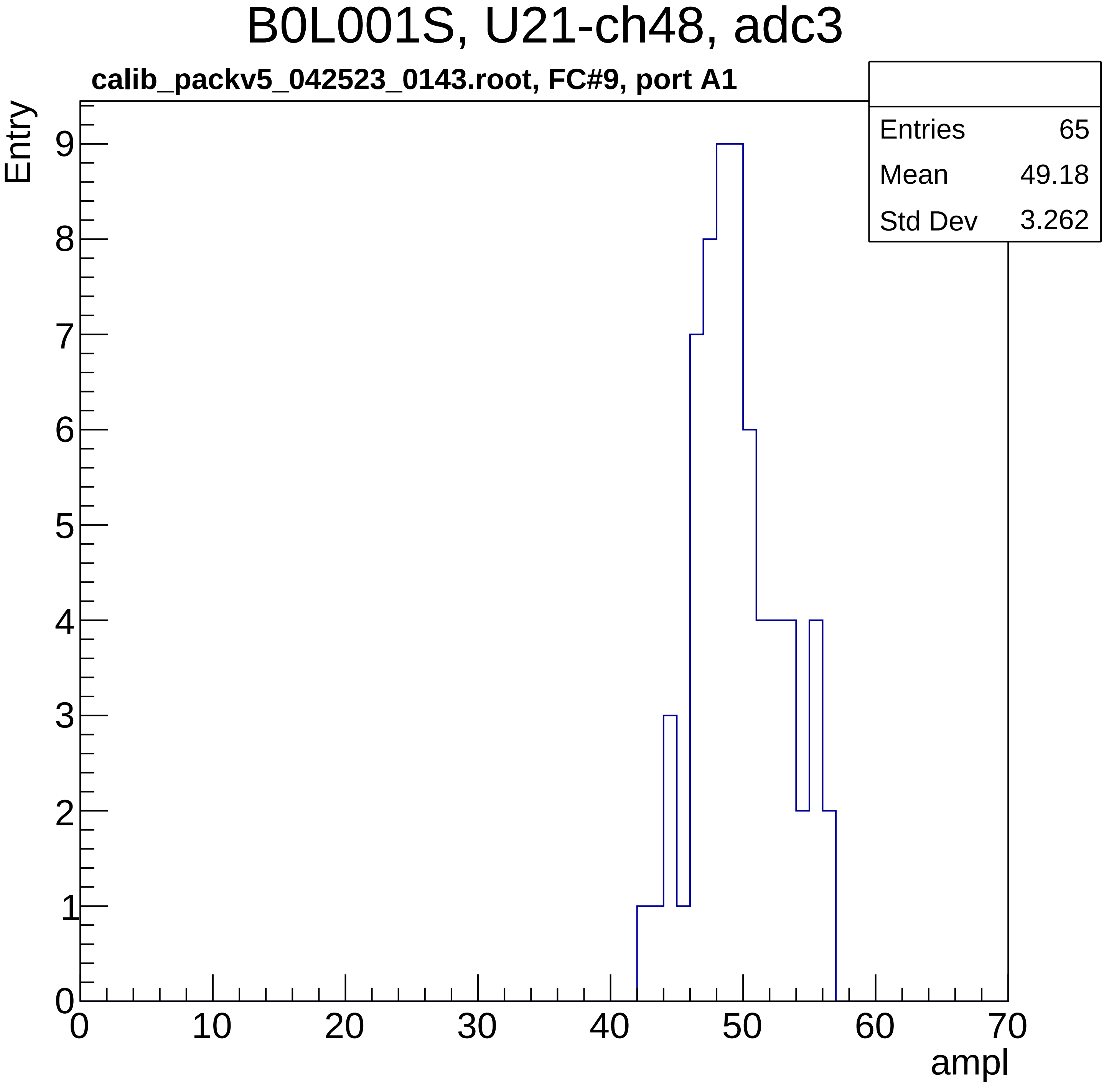


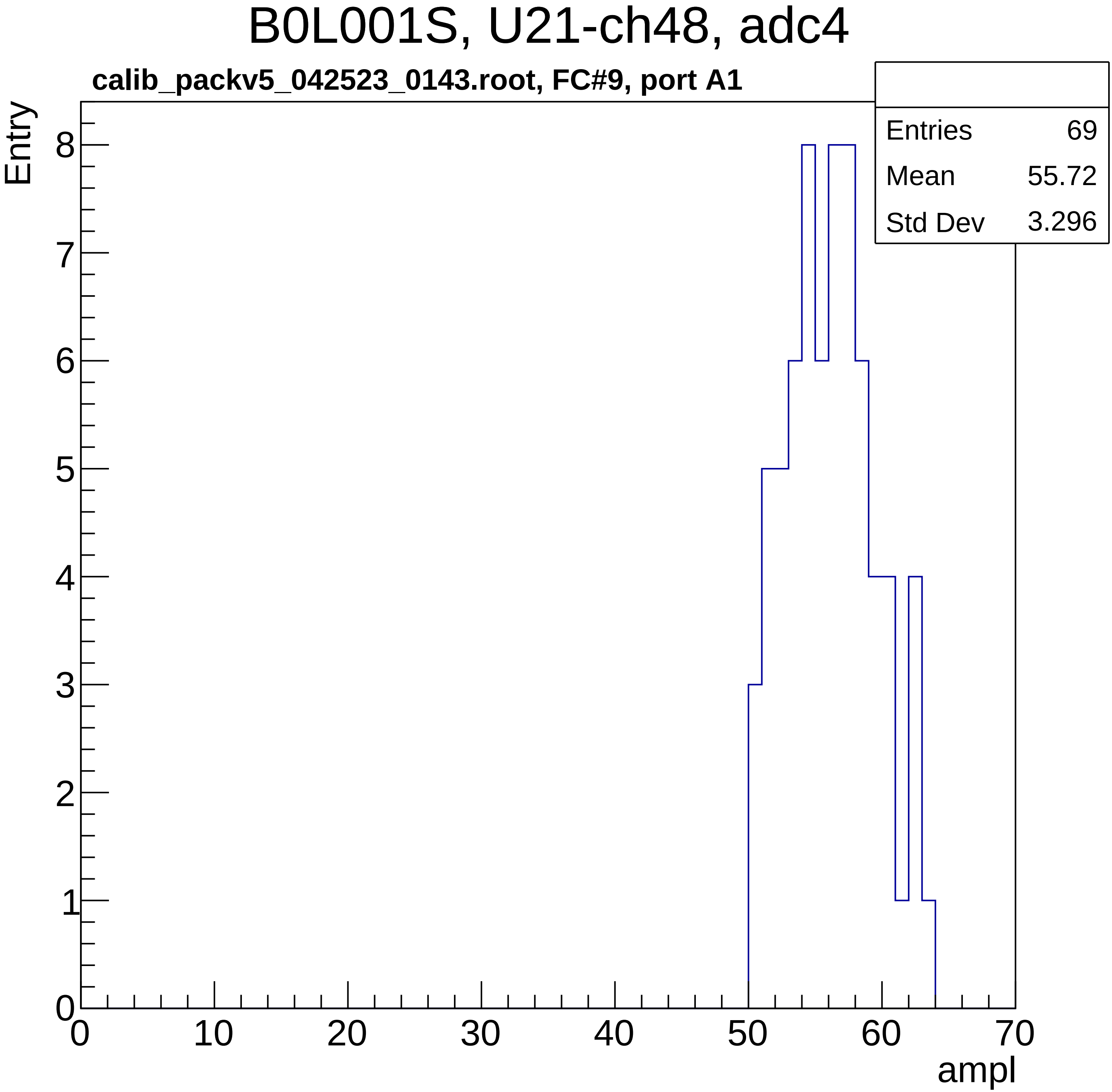

B0L001S, U21-ch48, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 60
Mean 28.58
Std Dev 4.674
Gaus mean : 29.5826
Gaus Width: 3.2149
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

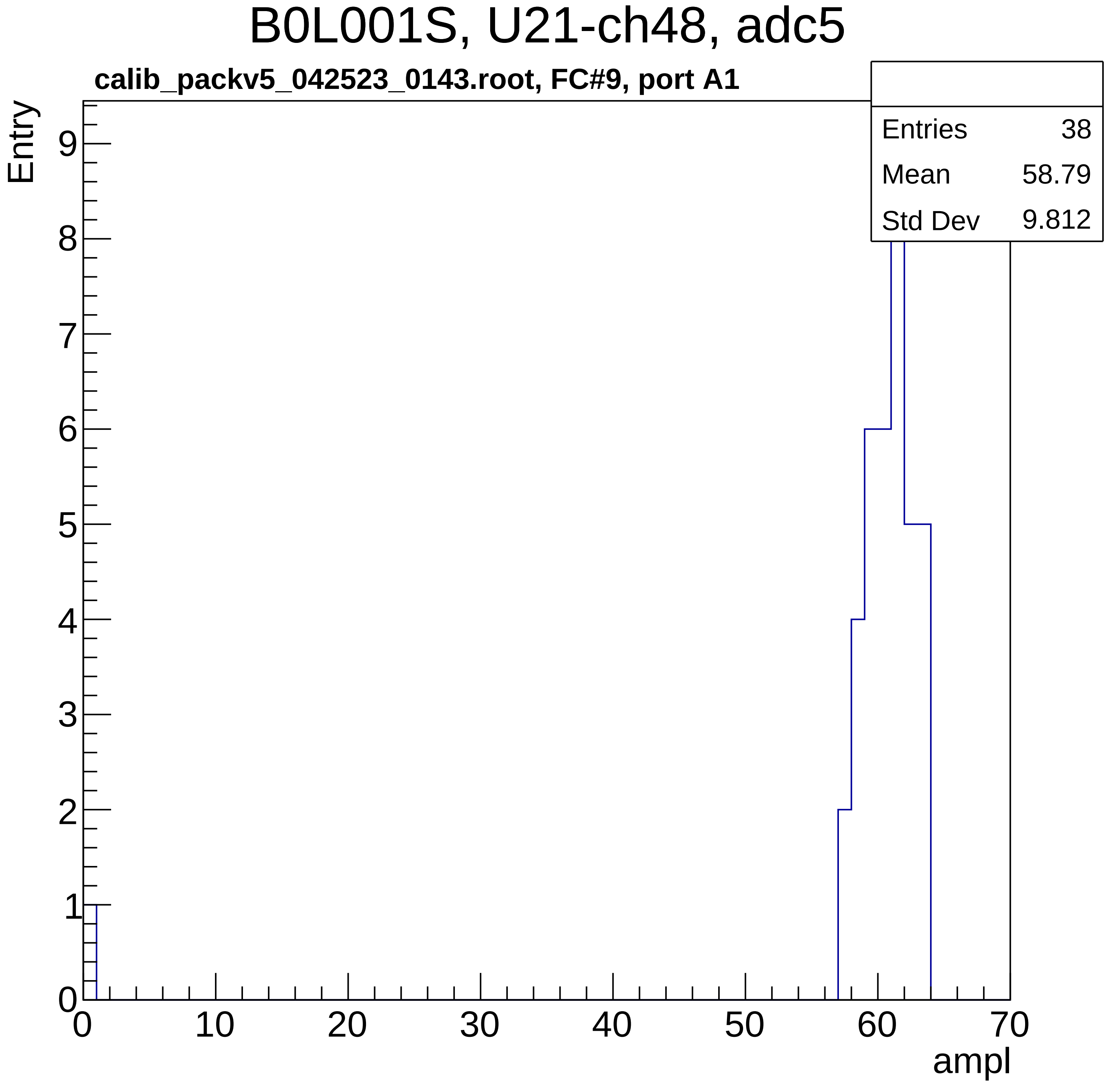


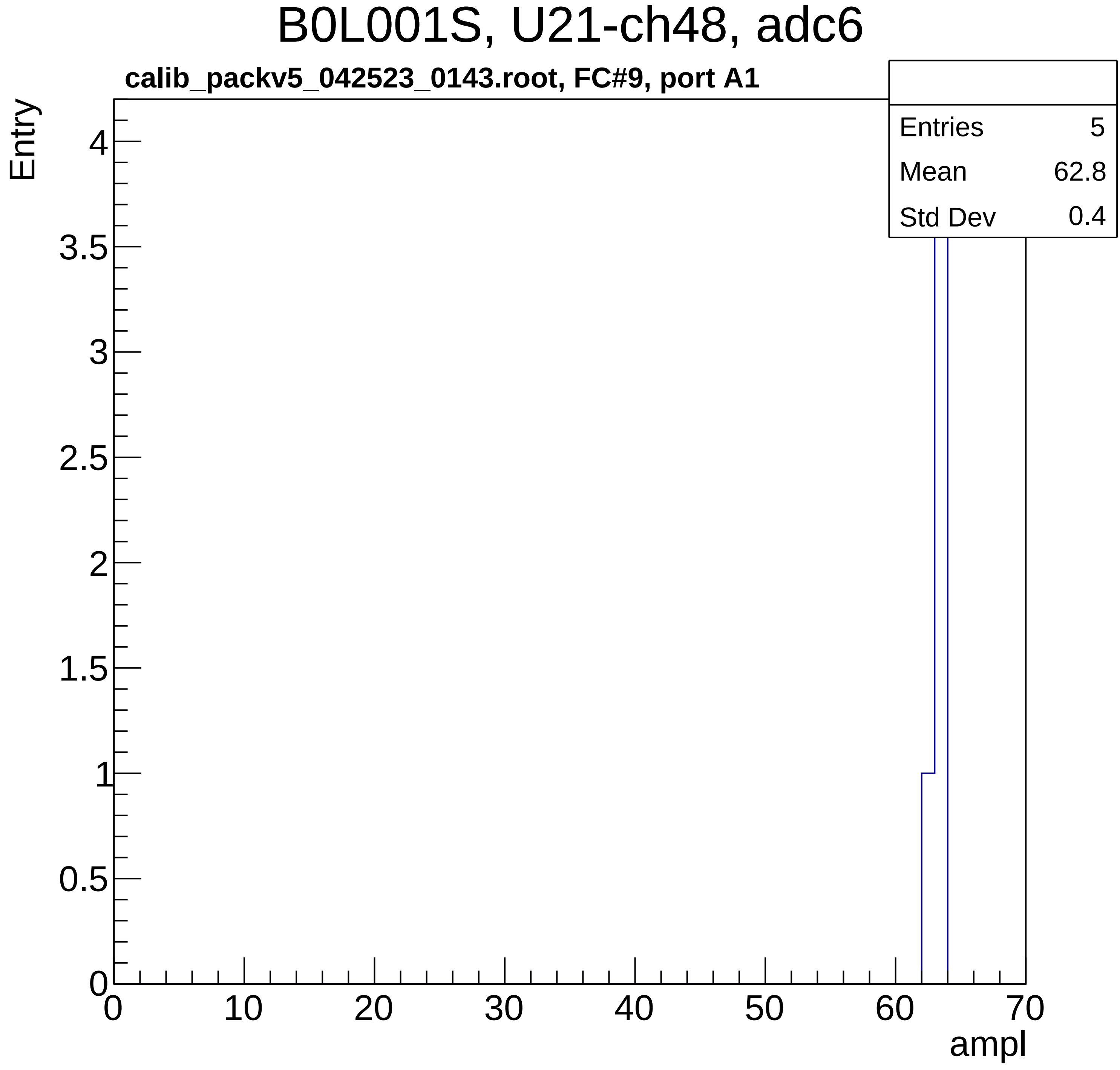
B0L001S, U21-ch48, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 35.86
Std Dev 3.452
Gaus mean : 36.3186
Gaus Width: 3.8476
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

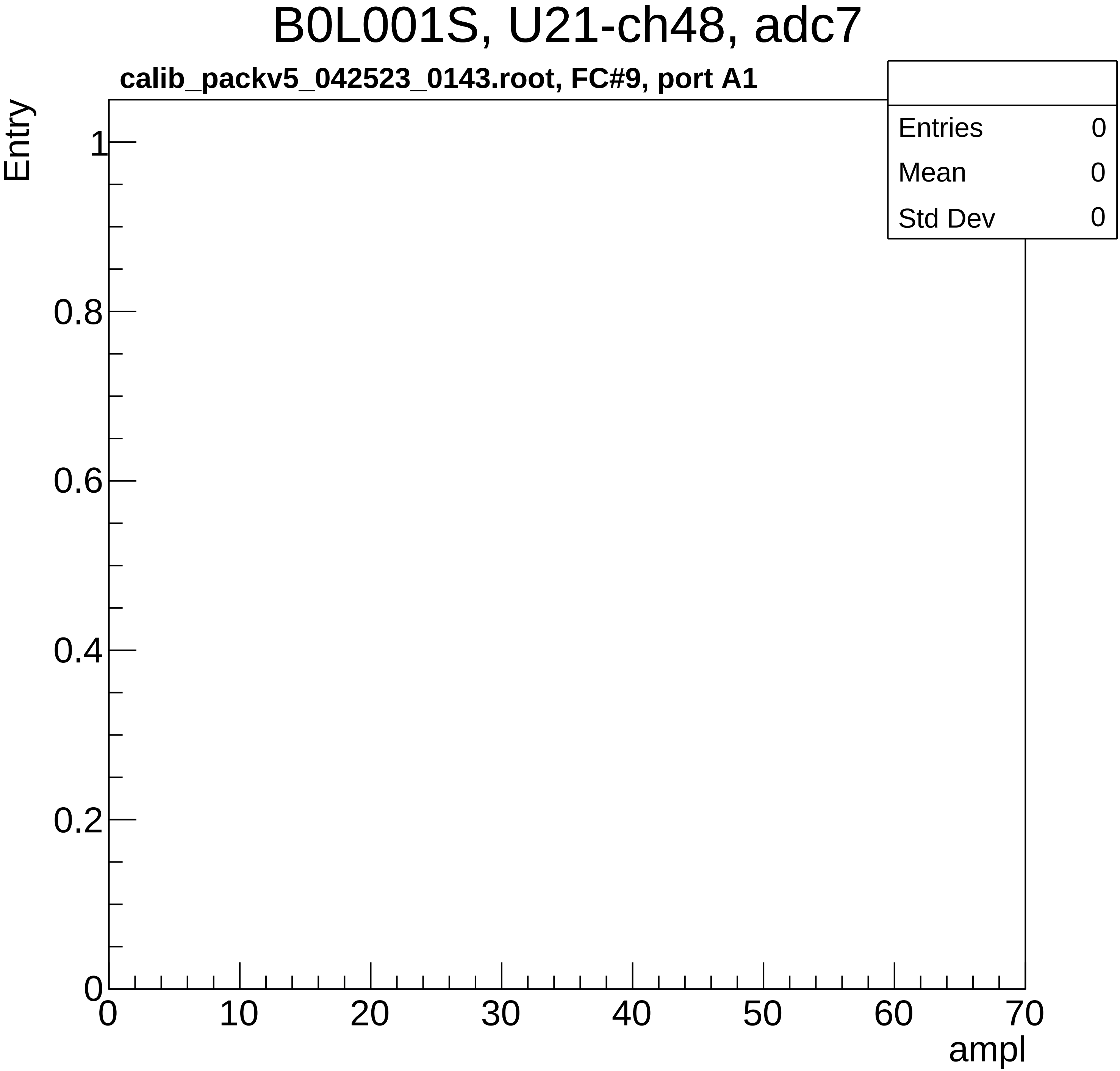

B0L001S, U21-ch48, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 42.79
Std Dev 3.483
Gaus mean : 43.0601
Gaus Width: 3.1373
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

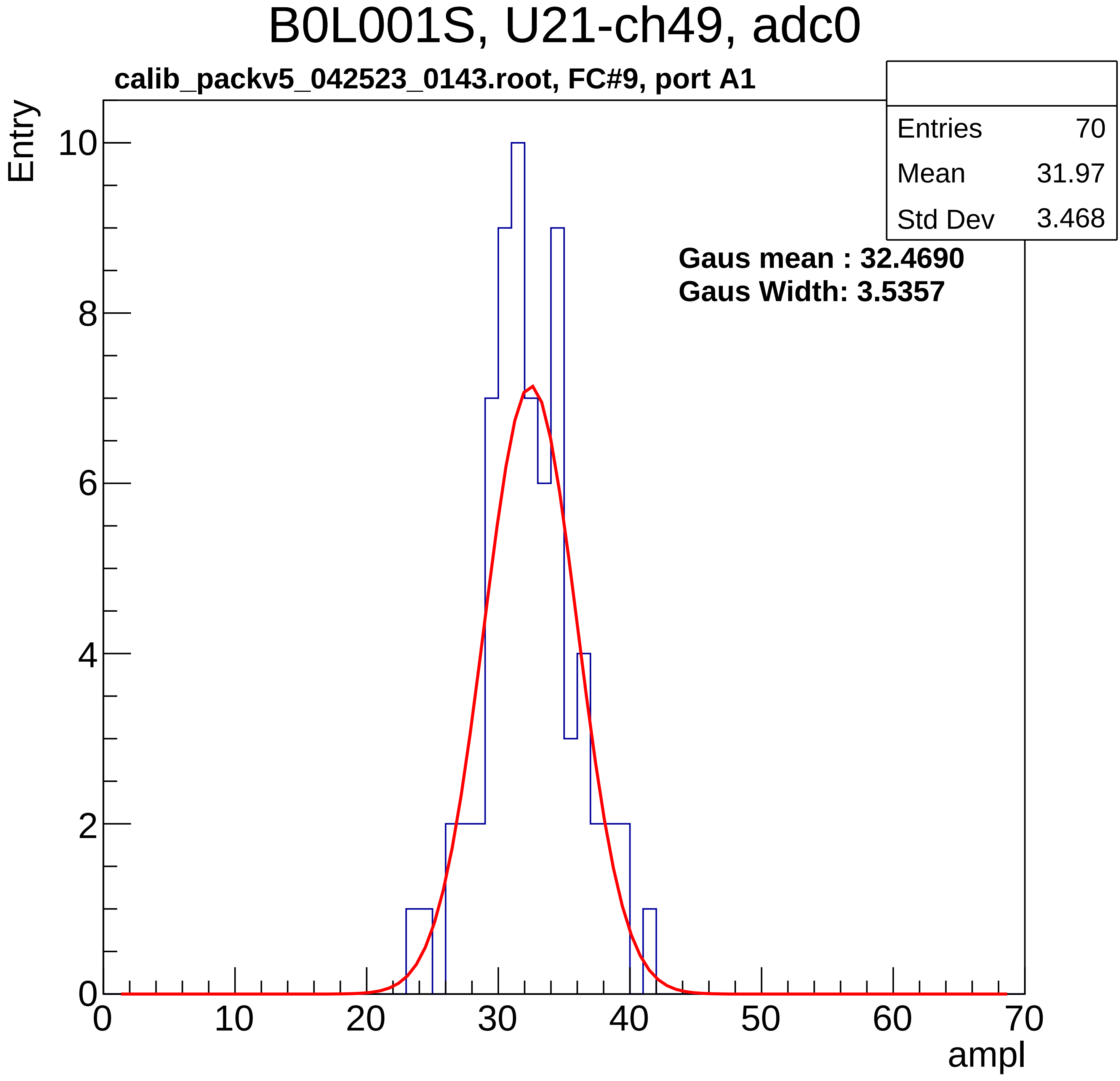

B0L001S, U21-ch48, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 49.18
Std Dev 3.262
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

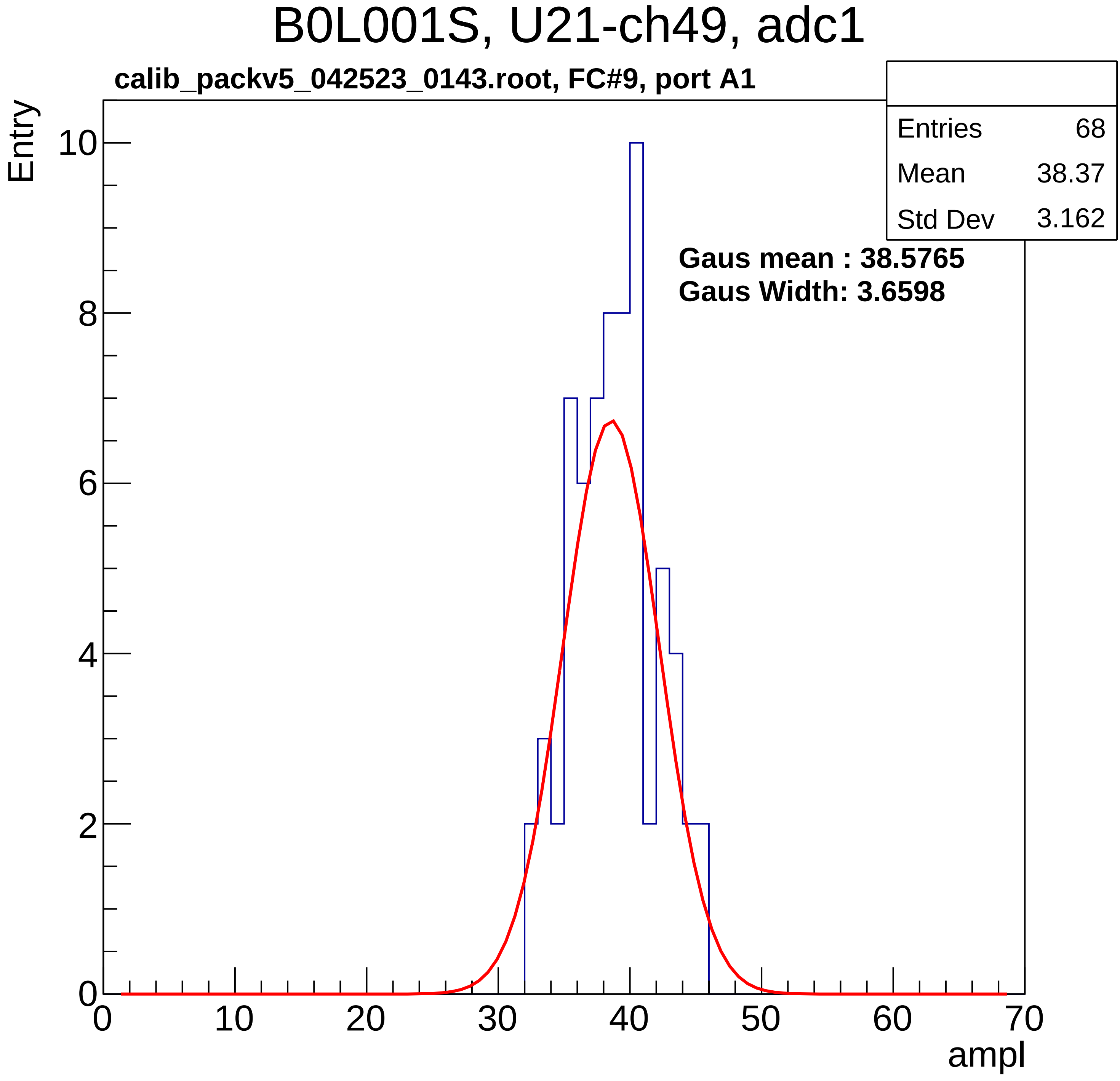

B0L001S, U21-ch48, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 55.72
Std Dev 3.296
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

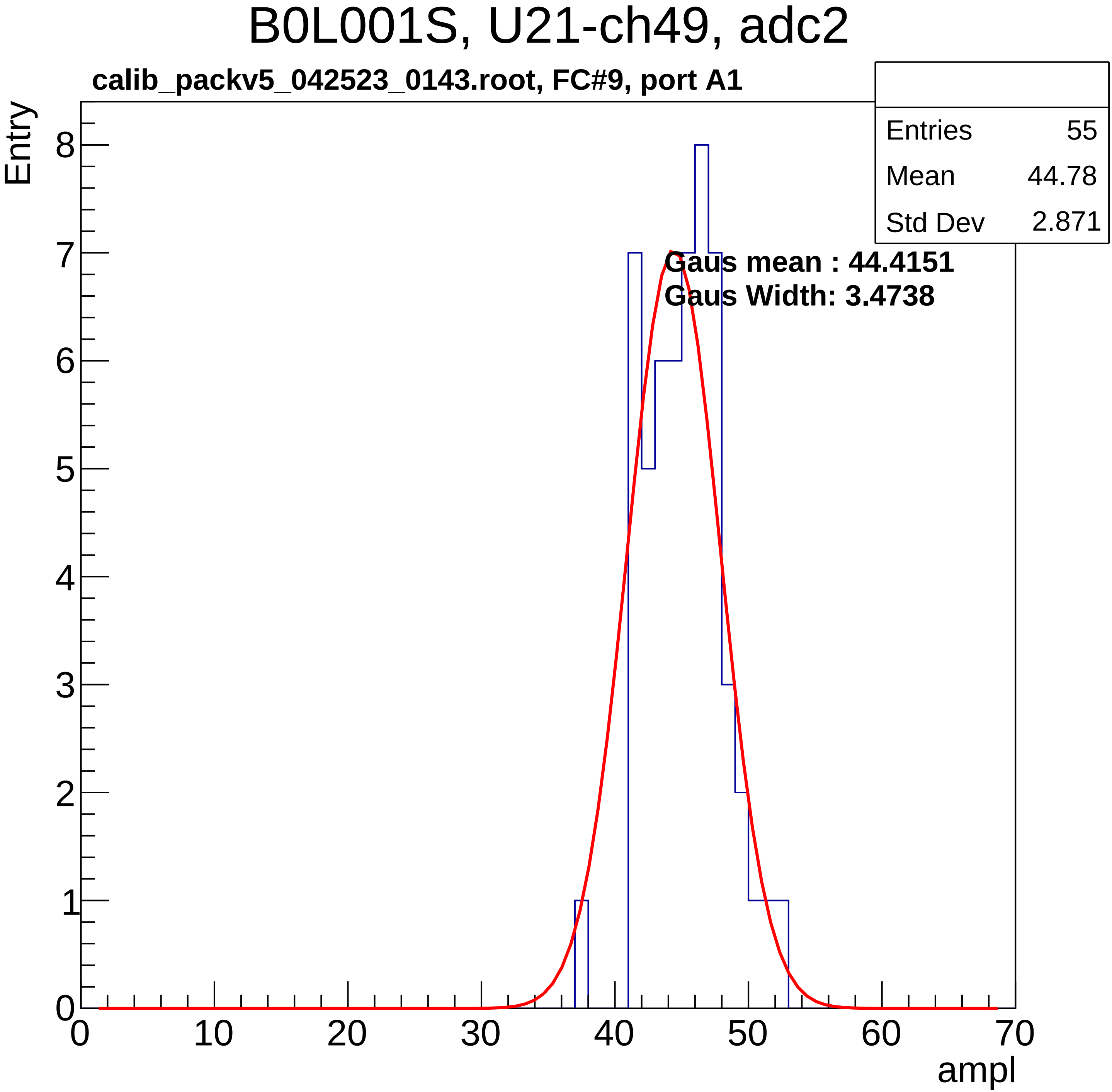

B0L001S, U21-ch48, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.79
Std Dev 9.812
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

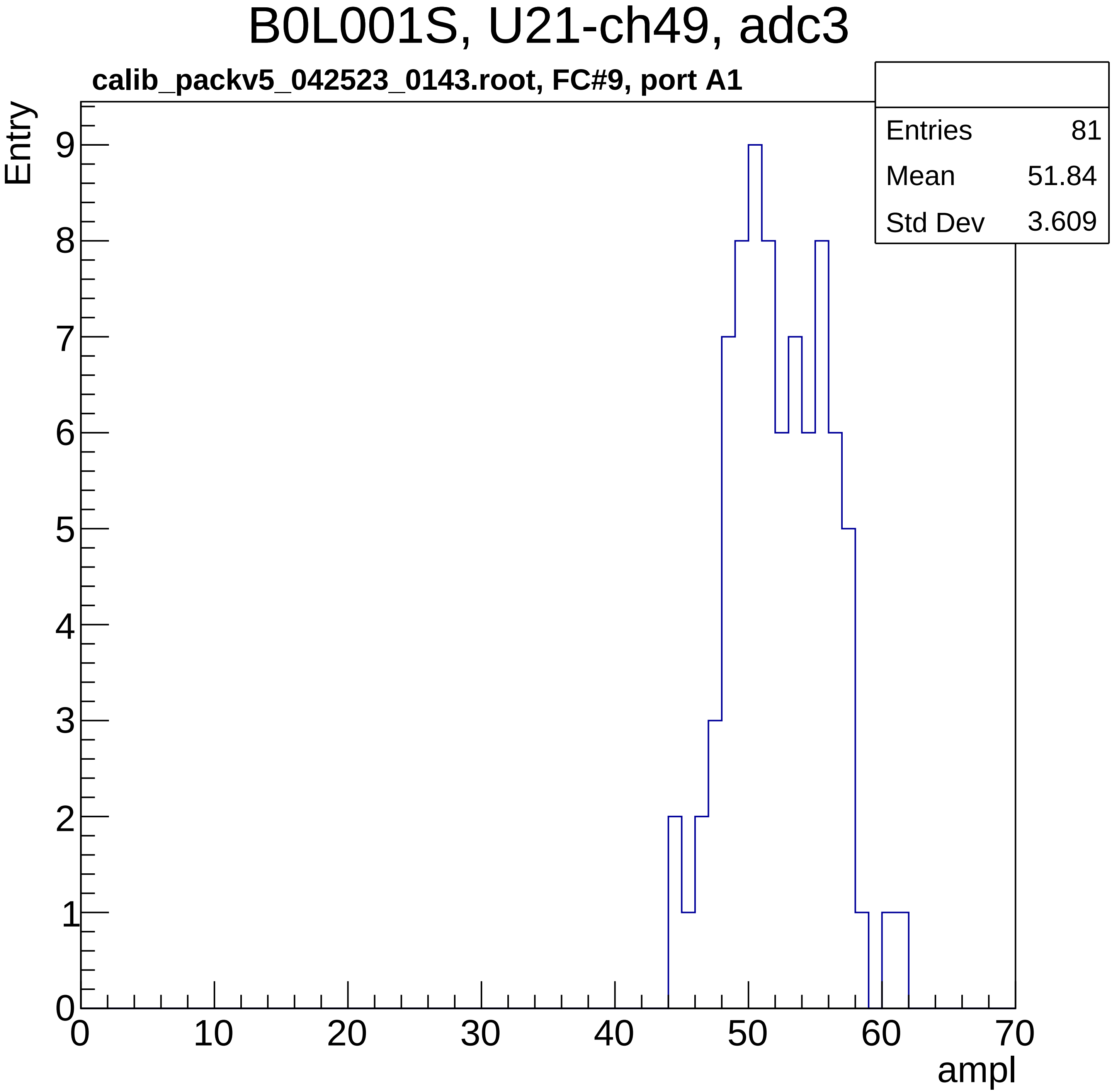

B0L001S, U21-ch48, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 62.8
Std Dev 0.4
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch48, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch49, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 31.97
Std Dev 3.468
Gaus mean : 32.4690
Gaus Width: 3.5357
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

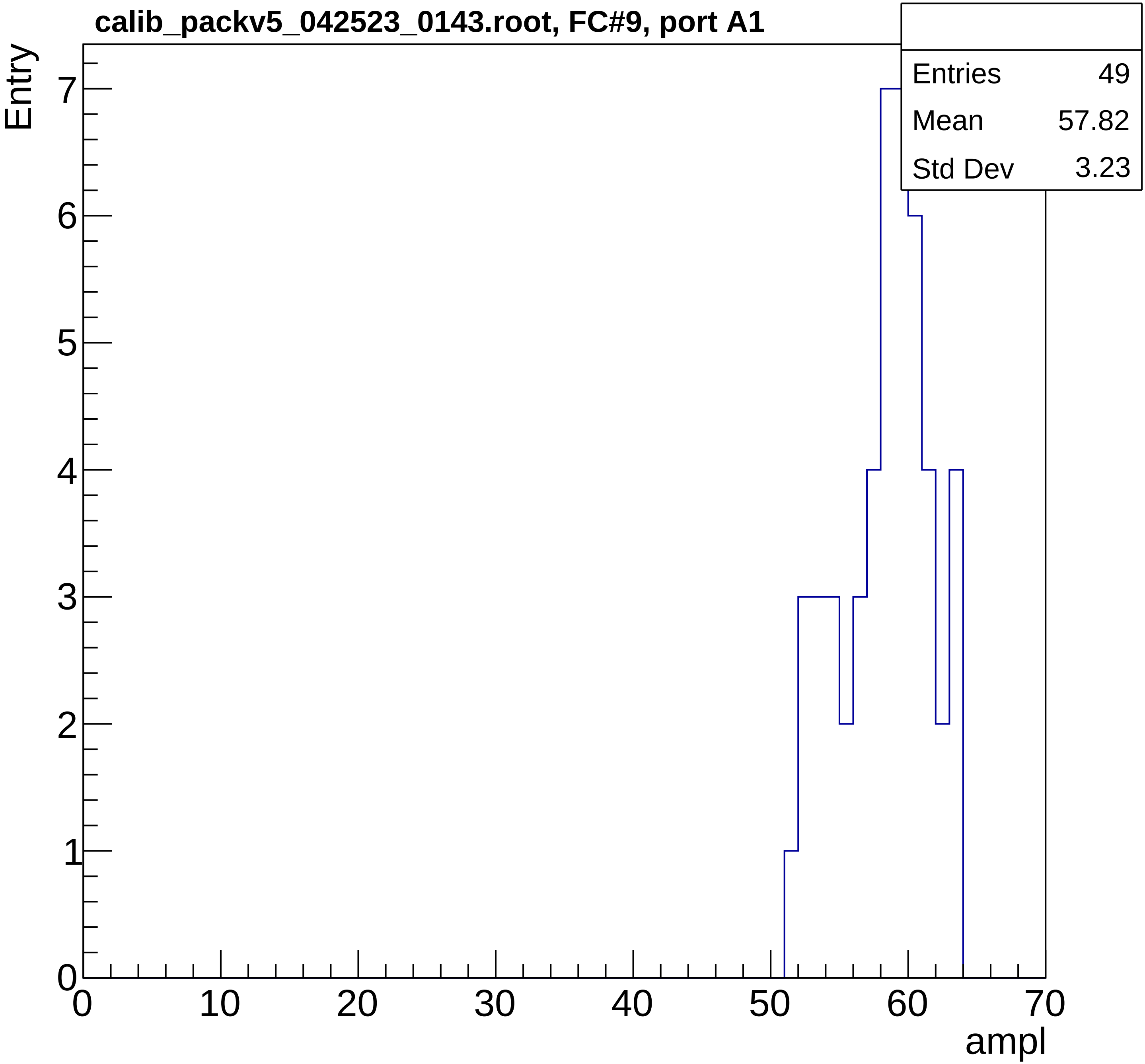

B0L001S, U21-ch49, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 38.37
Std Dev 3.162
Gaus mean : 38.5765
Gaus Width: 3.6598
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch49, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 44.78
Std Dev 2.871
Gaus mean : 44.4151
Gaus Width: 3.4738
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

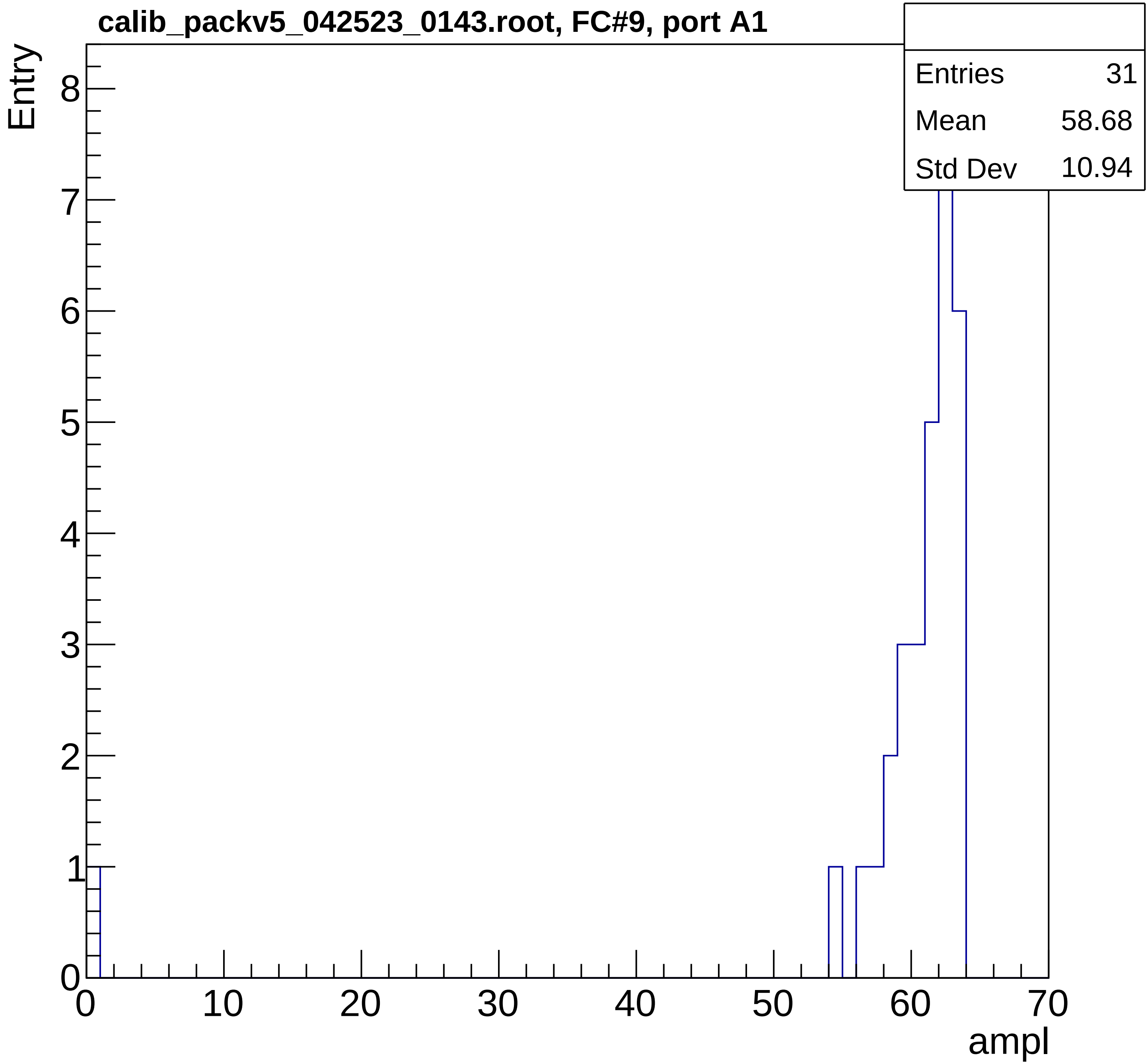

B0L001S, U21-ch49, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 51.84
Std Dev 3.609
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

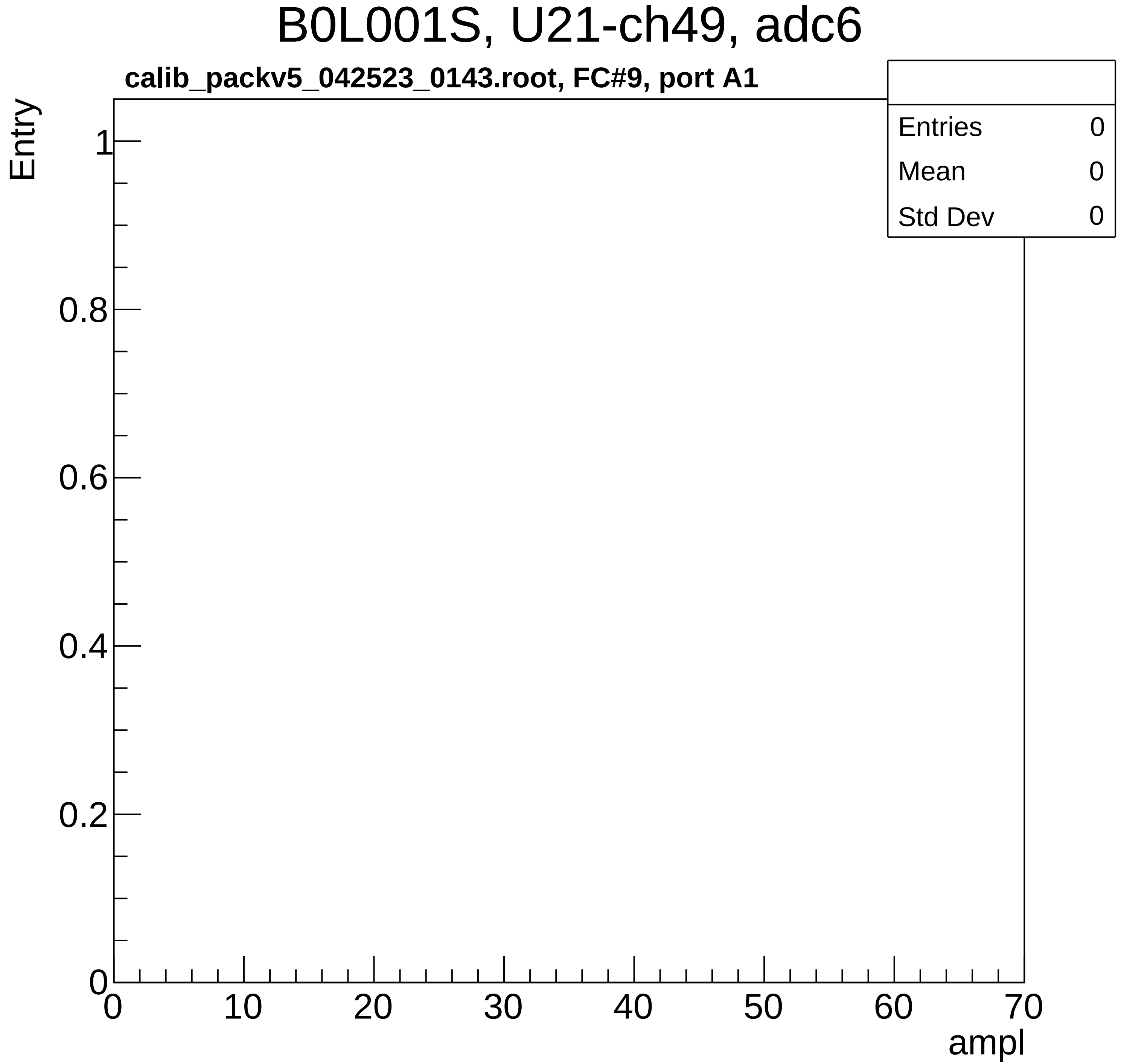
B0L001S, U21-ch49, adc4

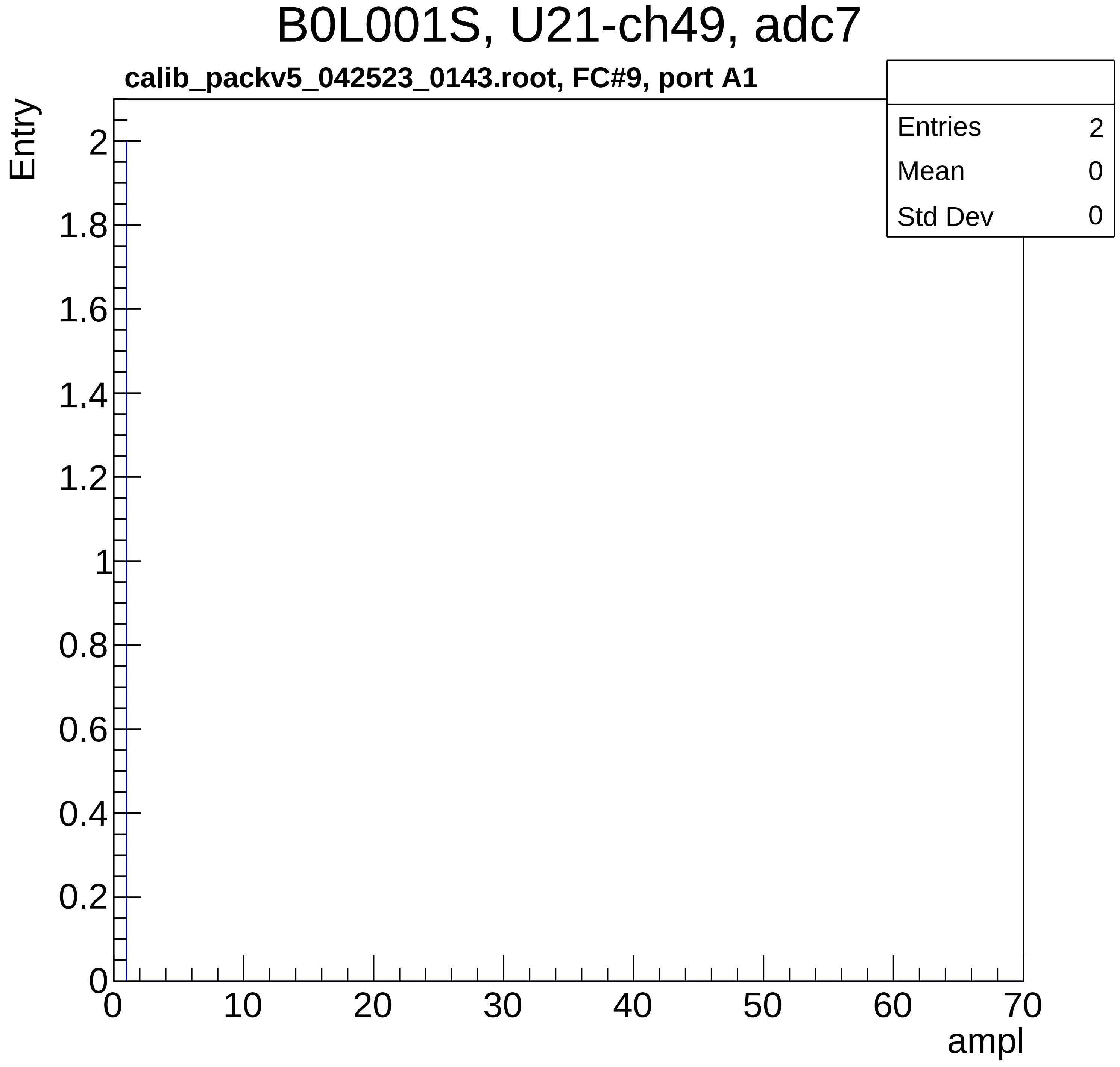
calib_packv5_042523_0143.root, FC#9, port A1

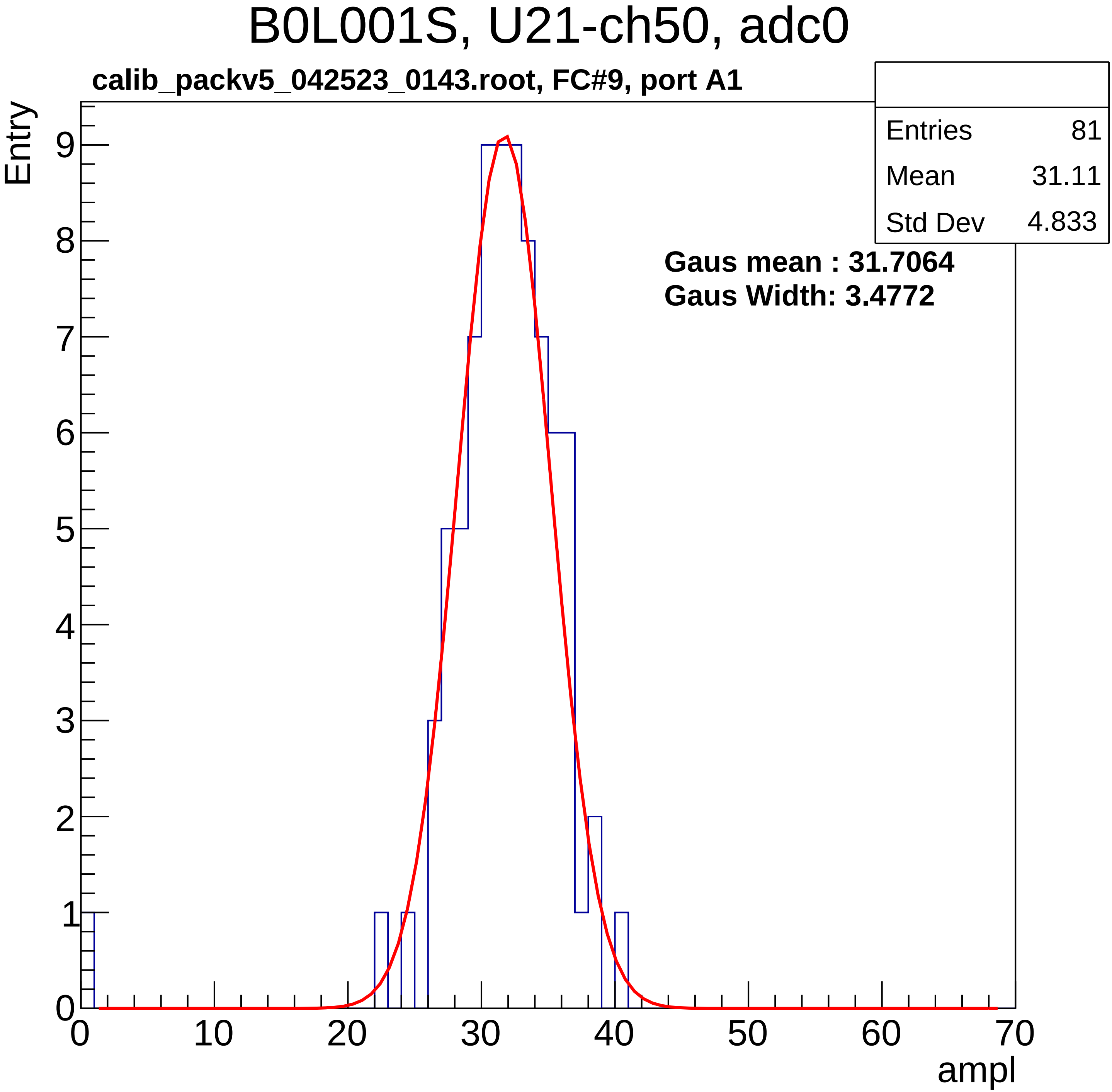


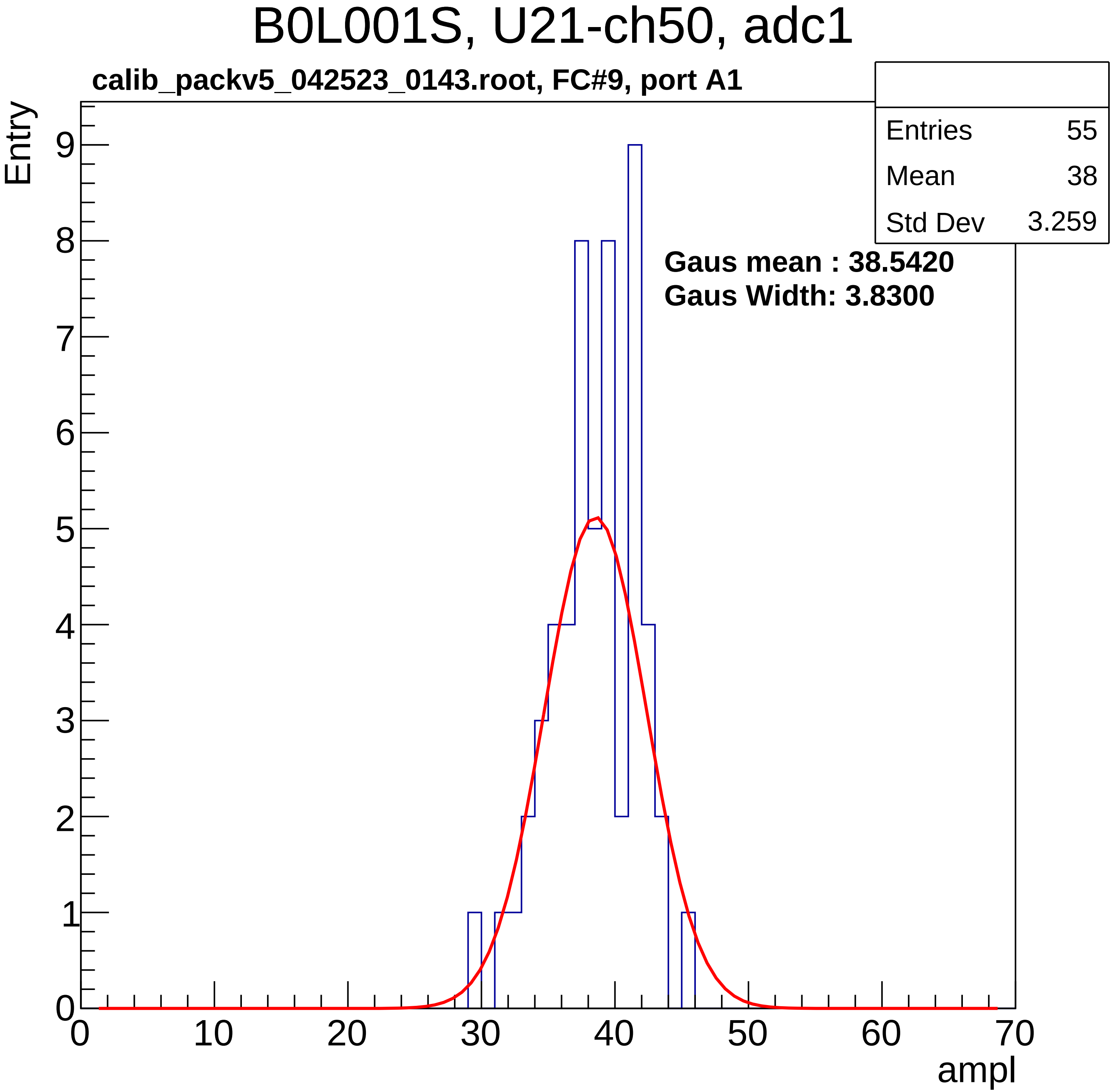
B0L001S, U21-ch49, adc5

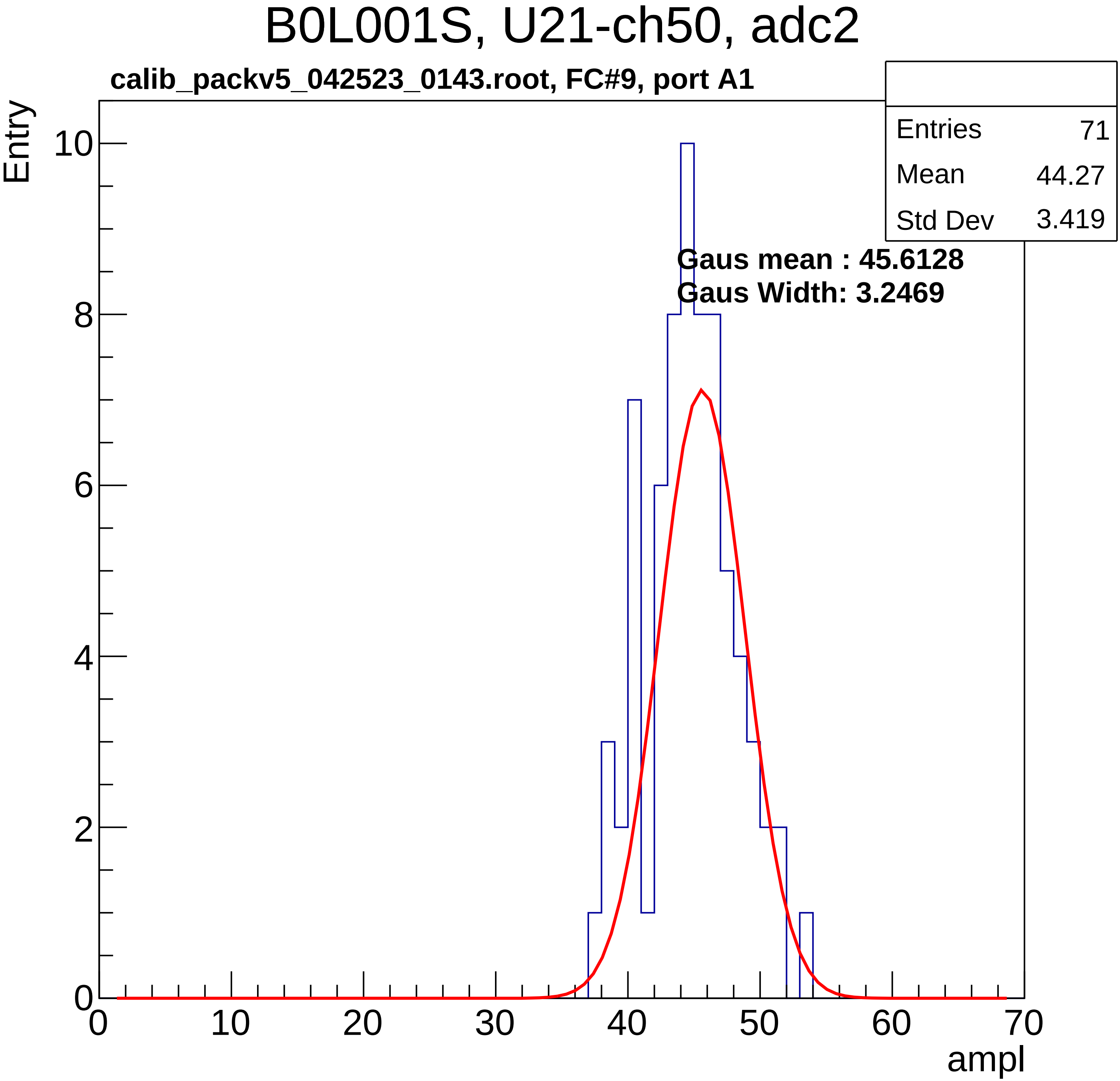



B0L001S, U21-ch49, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch49, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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

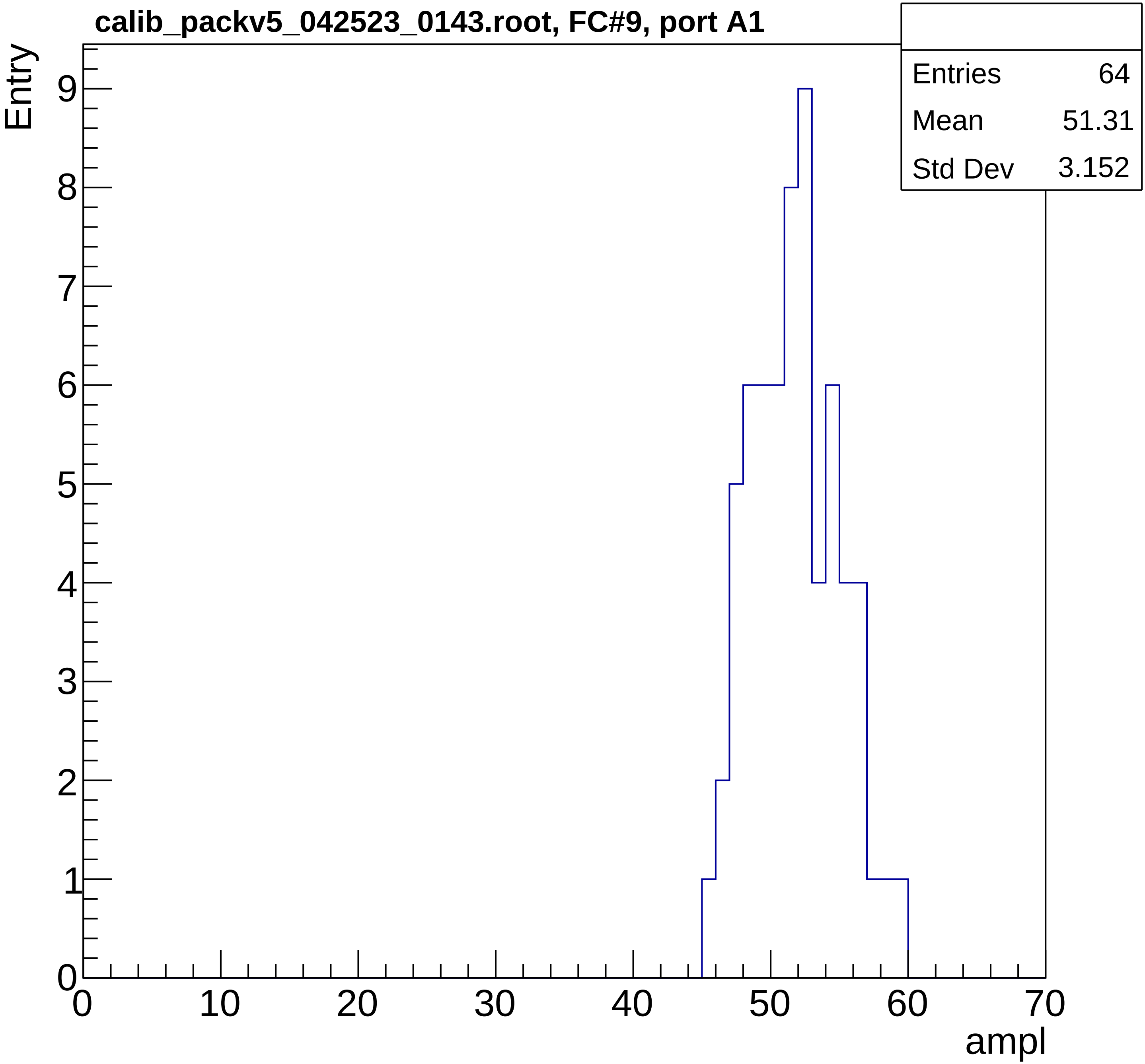

B0L001S, U21-ch50, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 31.11
Std Dev 4.833
Gaus mean : 31.7064
Gaus Width: 3.4772
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

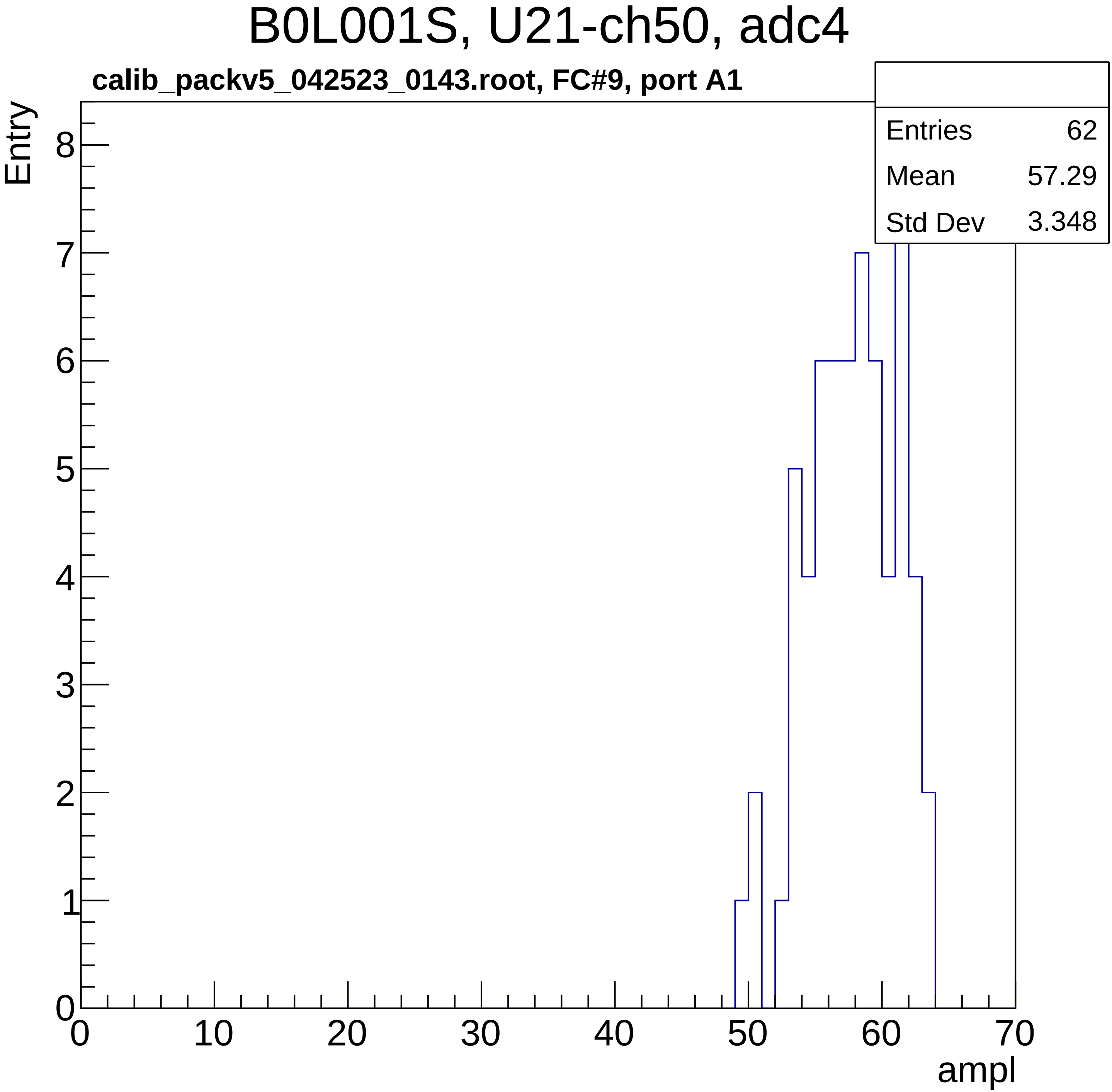

B0L001S, U21-ch50, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 55
Mean 38
Std Dev 3.259
Gaus mean : 38.5420
Gaus Width: 3.8300
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

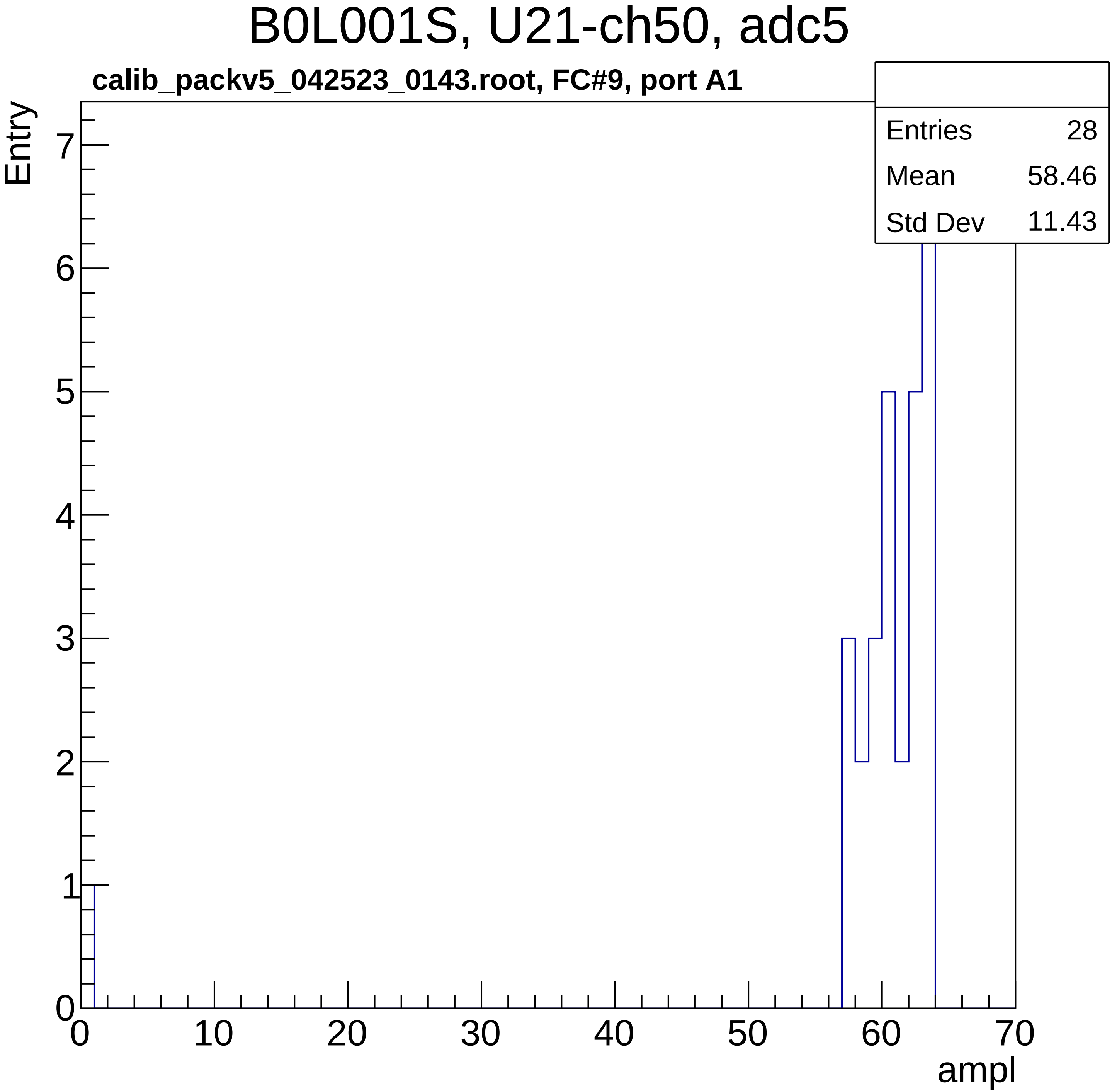

B0L001S, U21-ch50, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 44.27
Std Dev 3.419
Gaus mean : 45.6128
Gaus Width: 3.2469
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

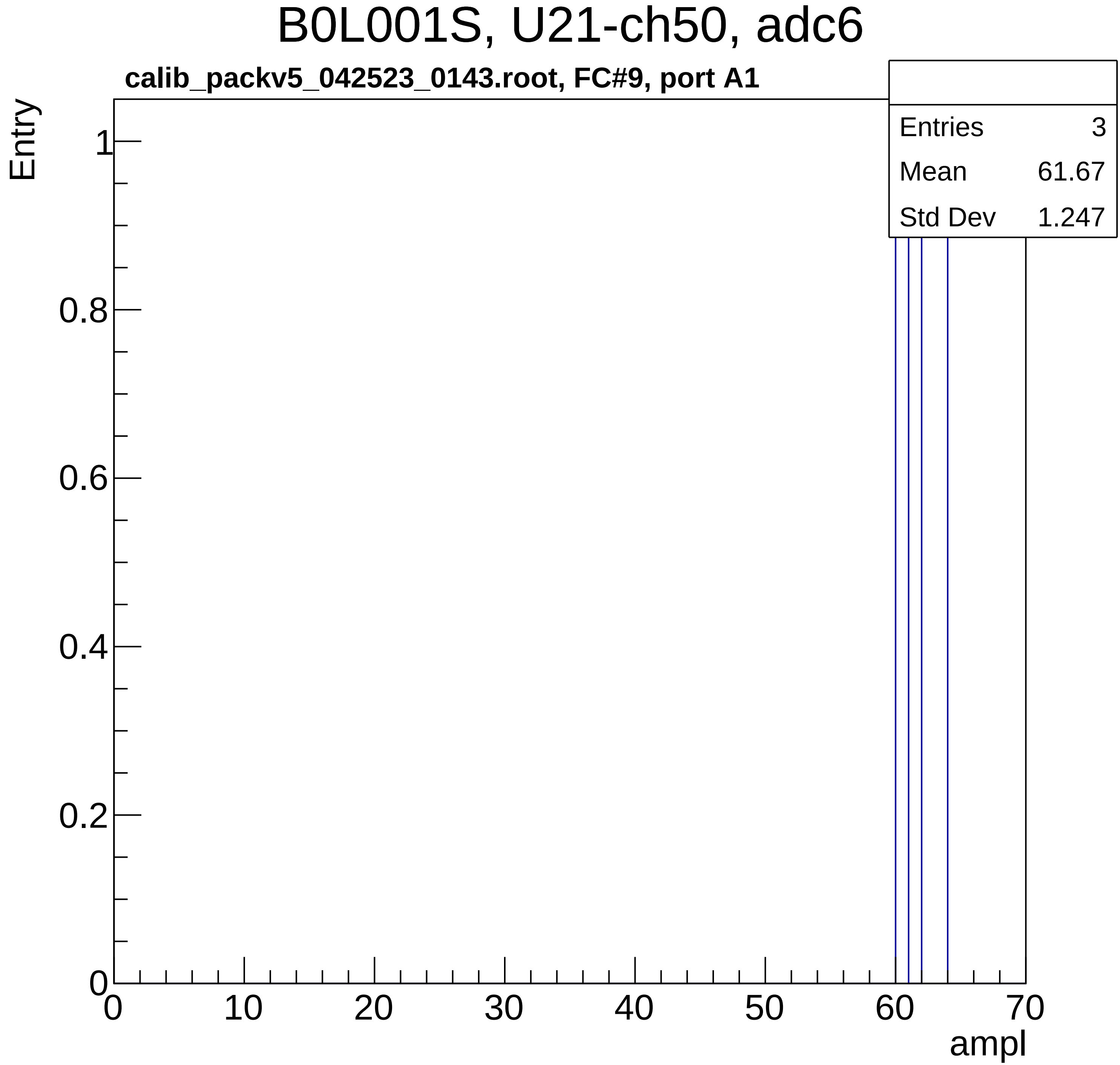
B0L001S, U21-ch50, adc3

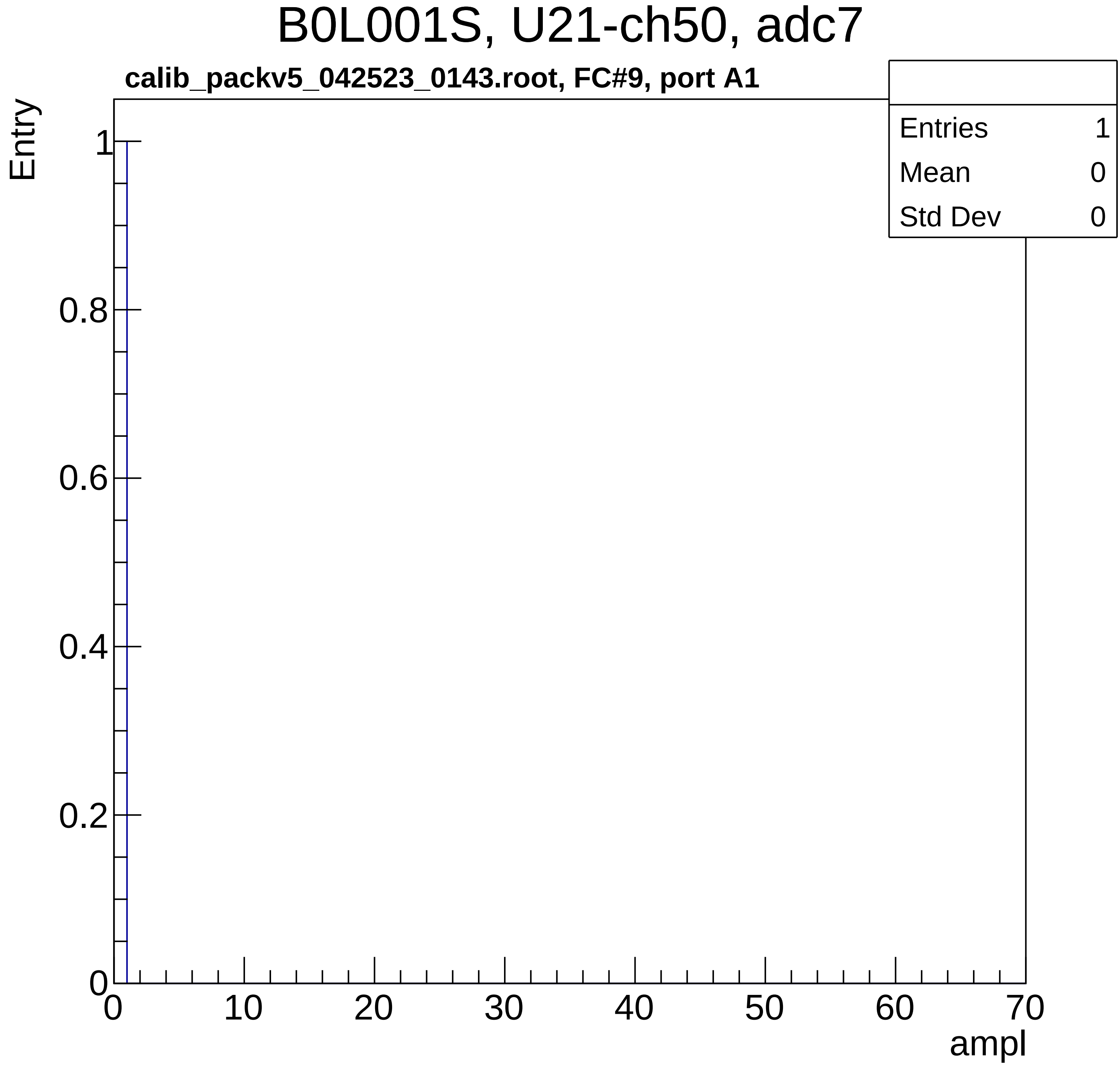
calib_packv5_042523_0143.root, FC#9, port A1

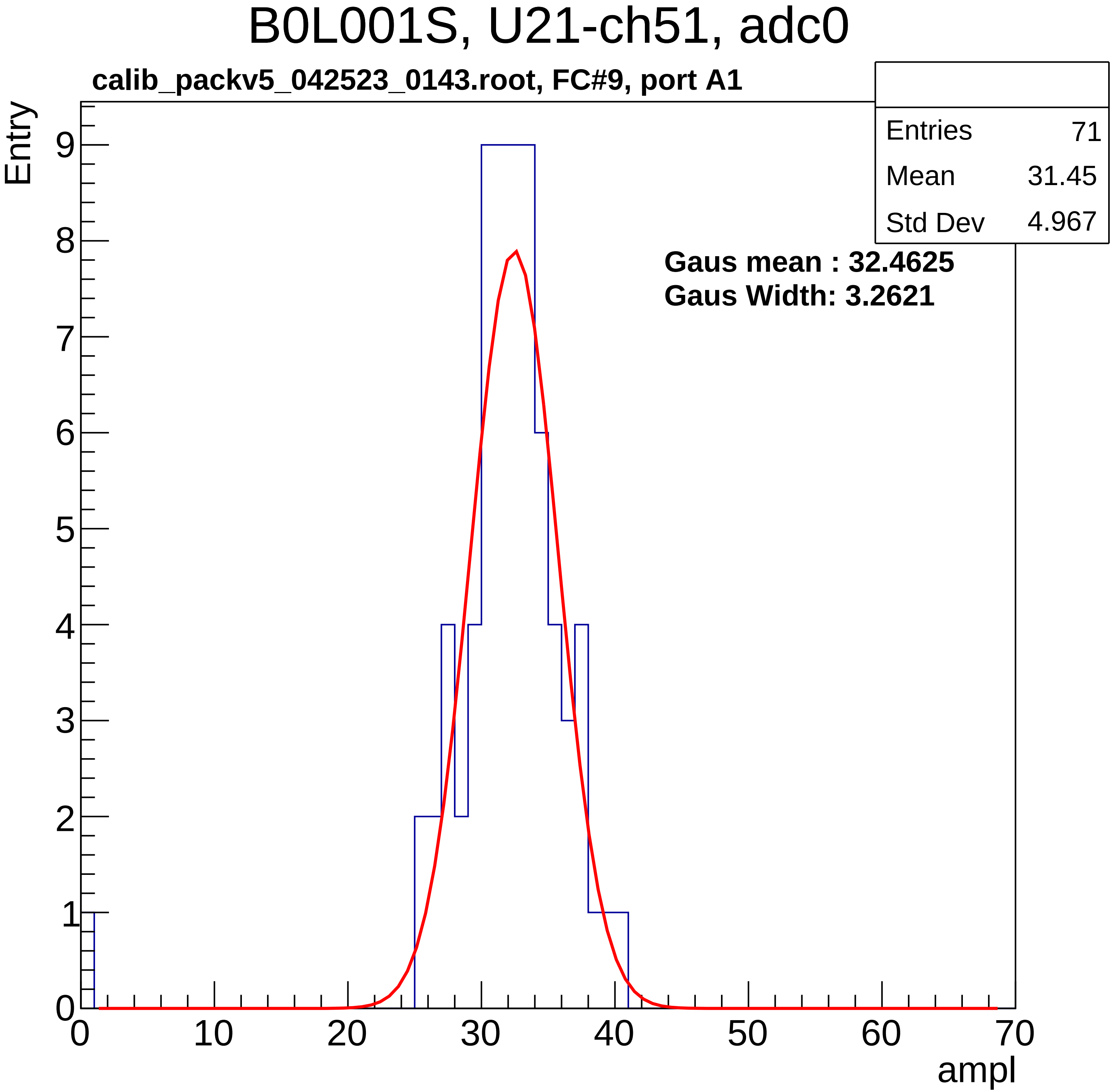


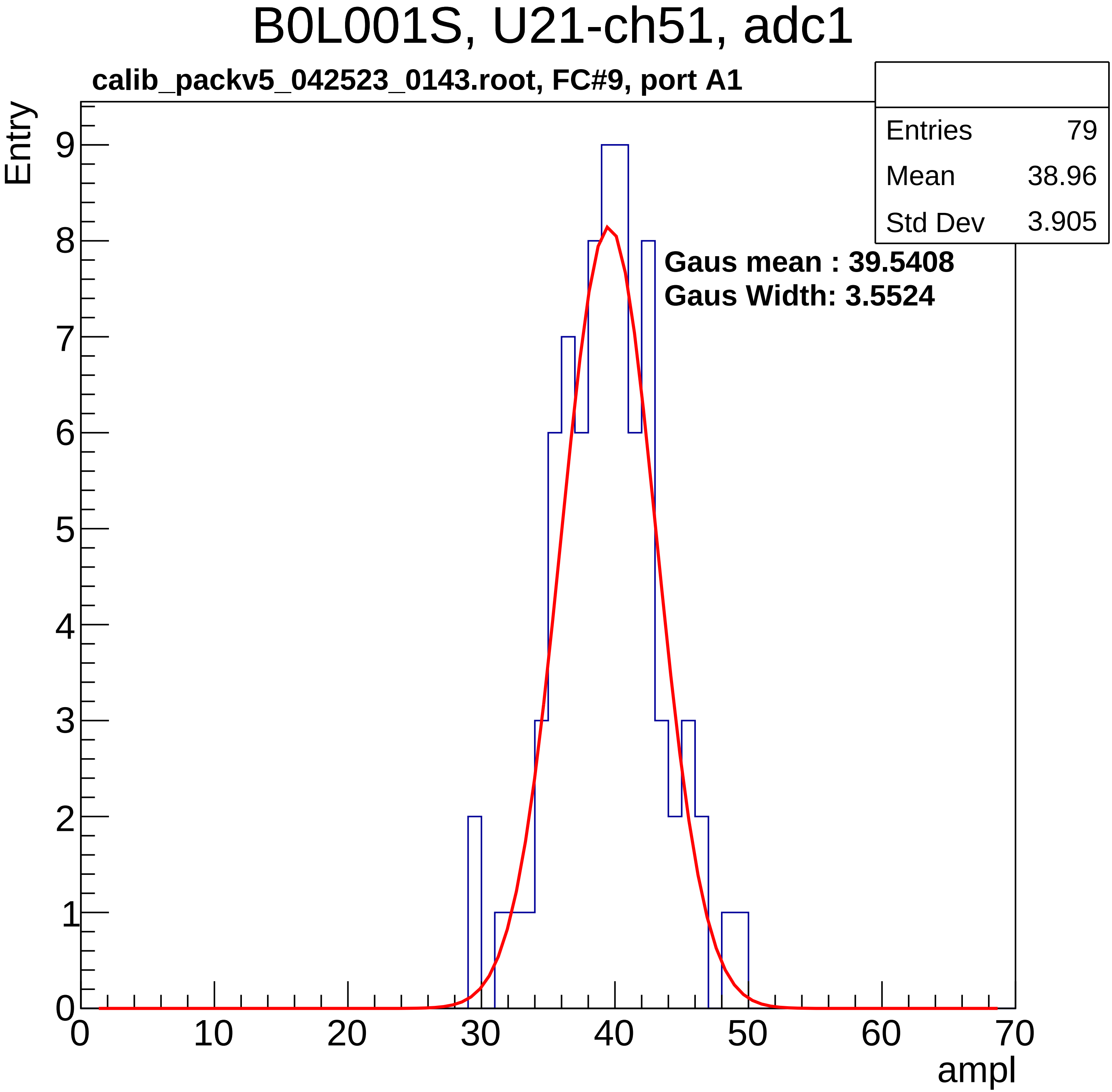

B0L001S, U21-ch50, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.29
Std Dev 3.348
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

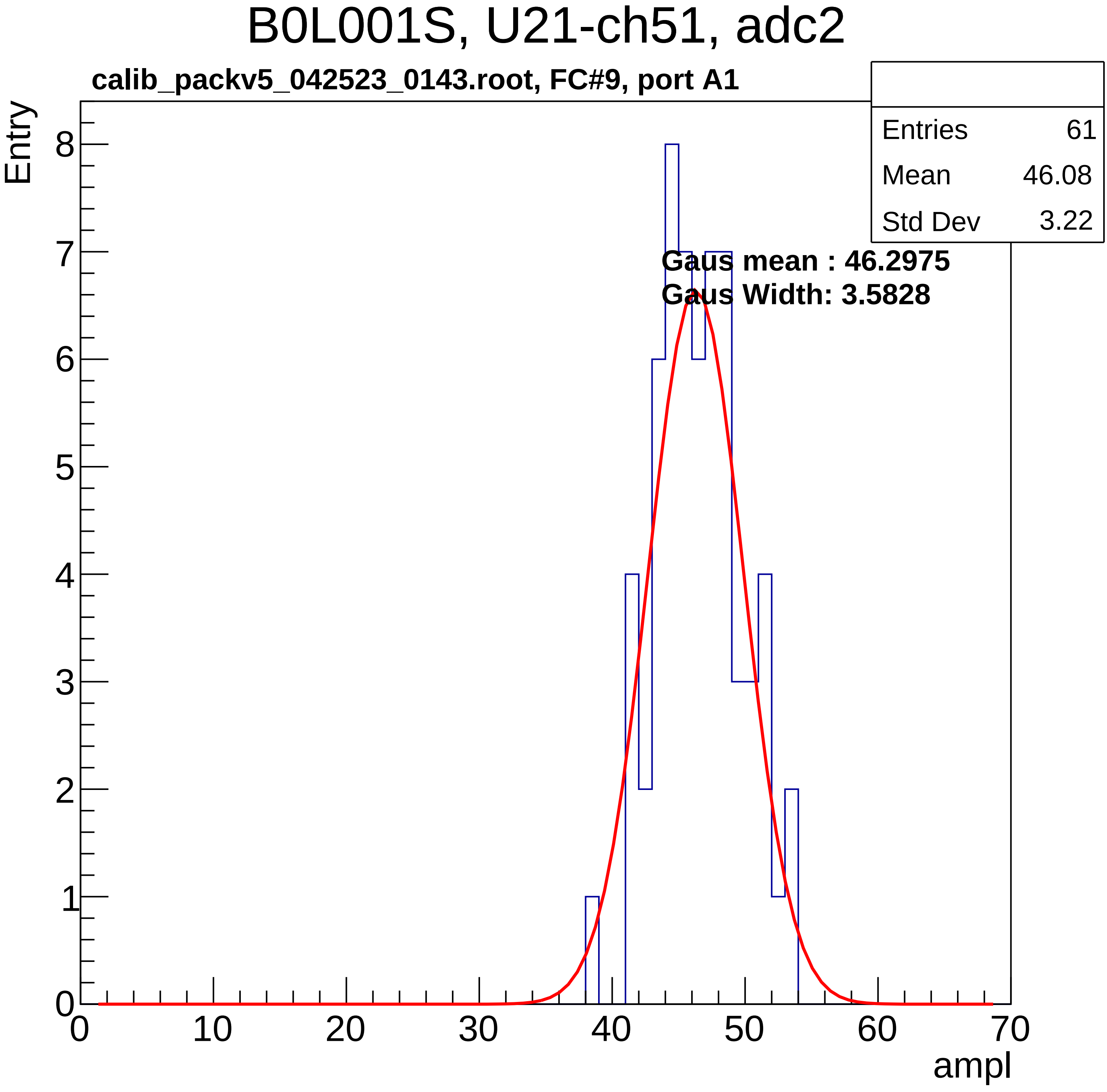

B0L001S, U21-ch50, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 58.46
Std Dev 11.43
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

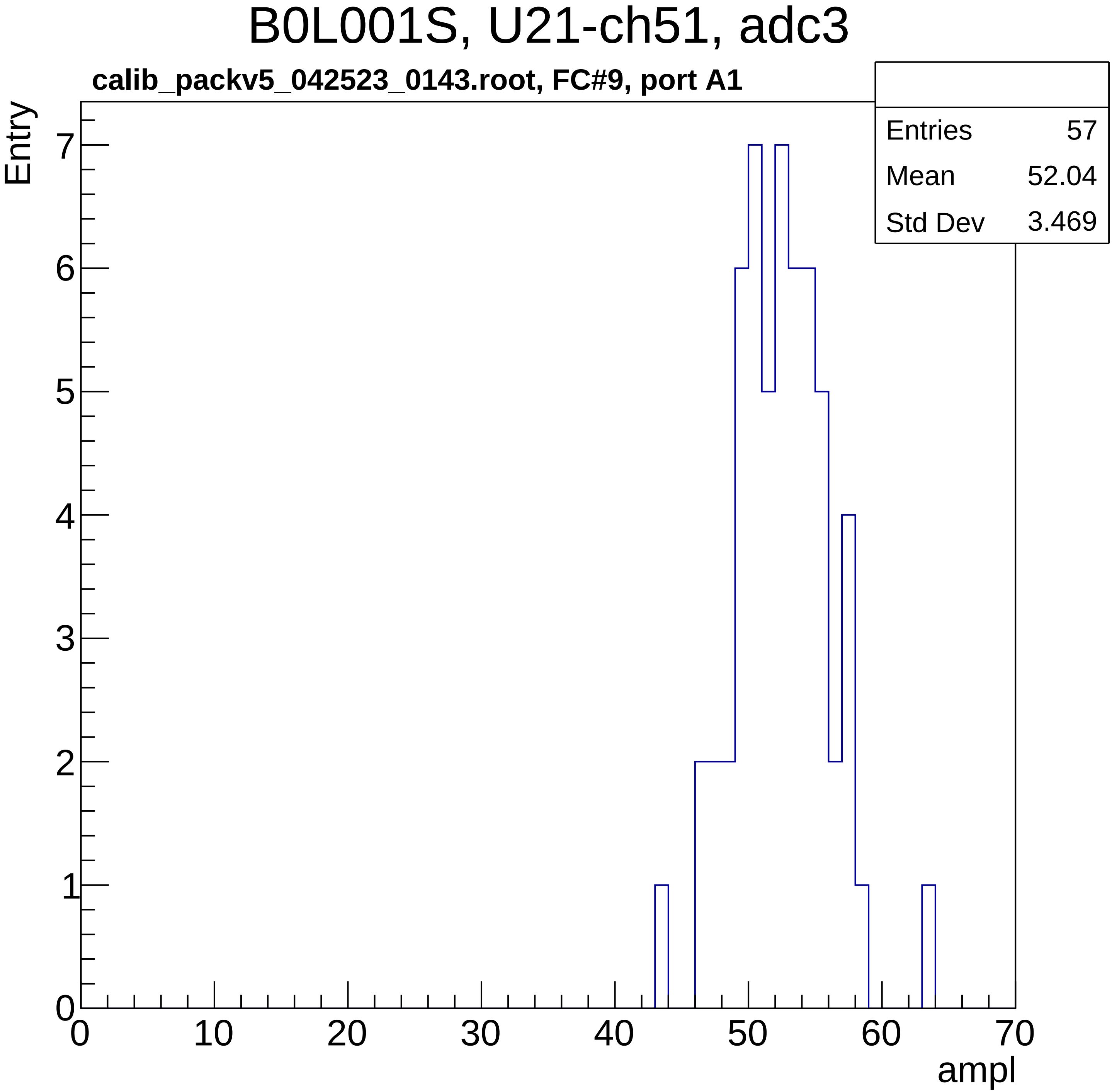

B0L001S, U21-ch50, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 3
Mean 61.67
Std Dev 1.247
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

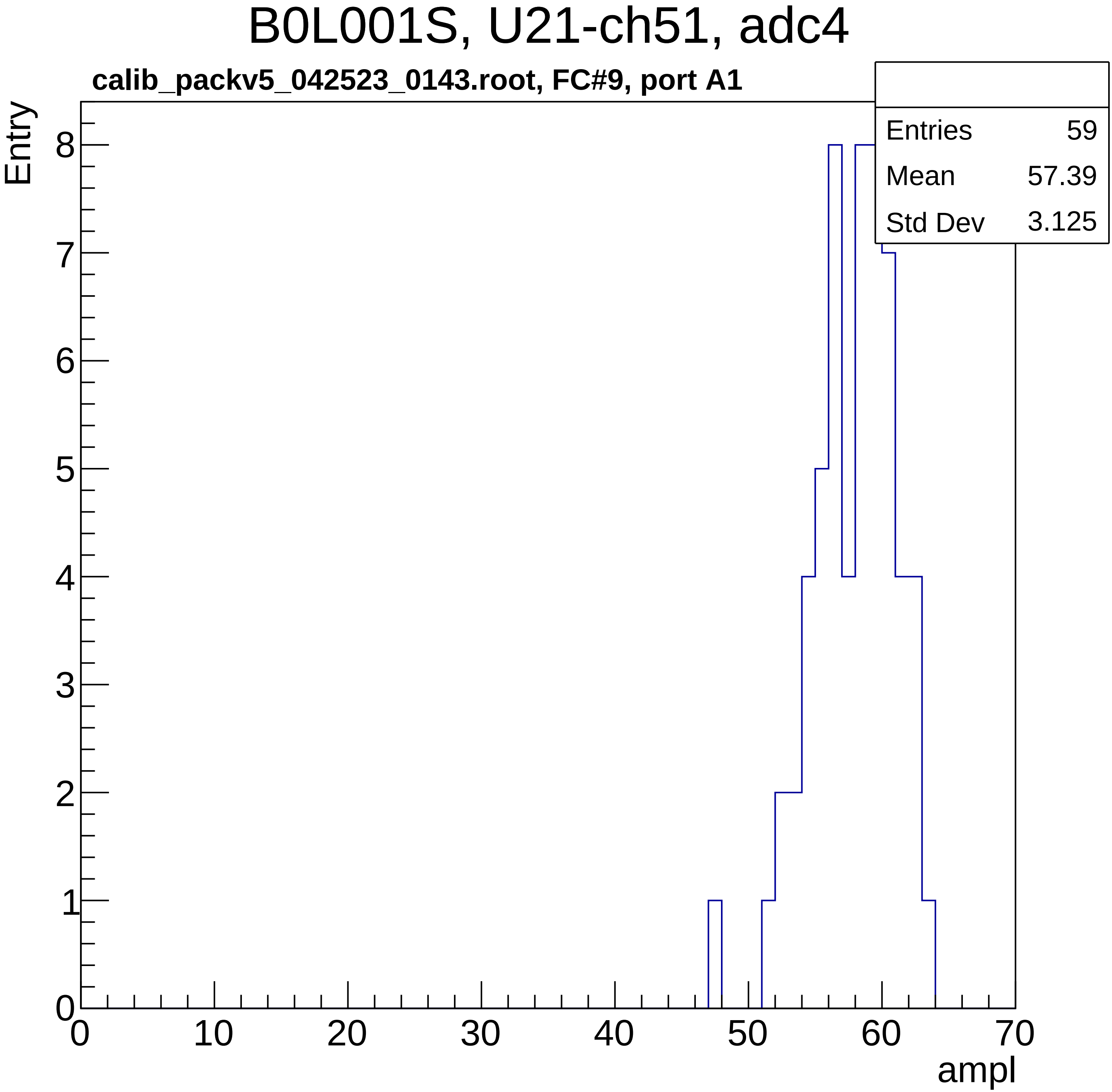

B0L001S, U21-ch50, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

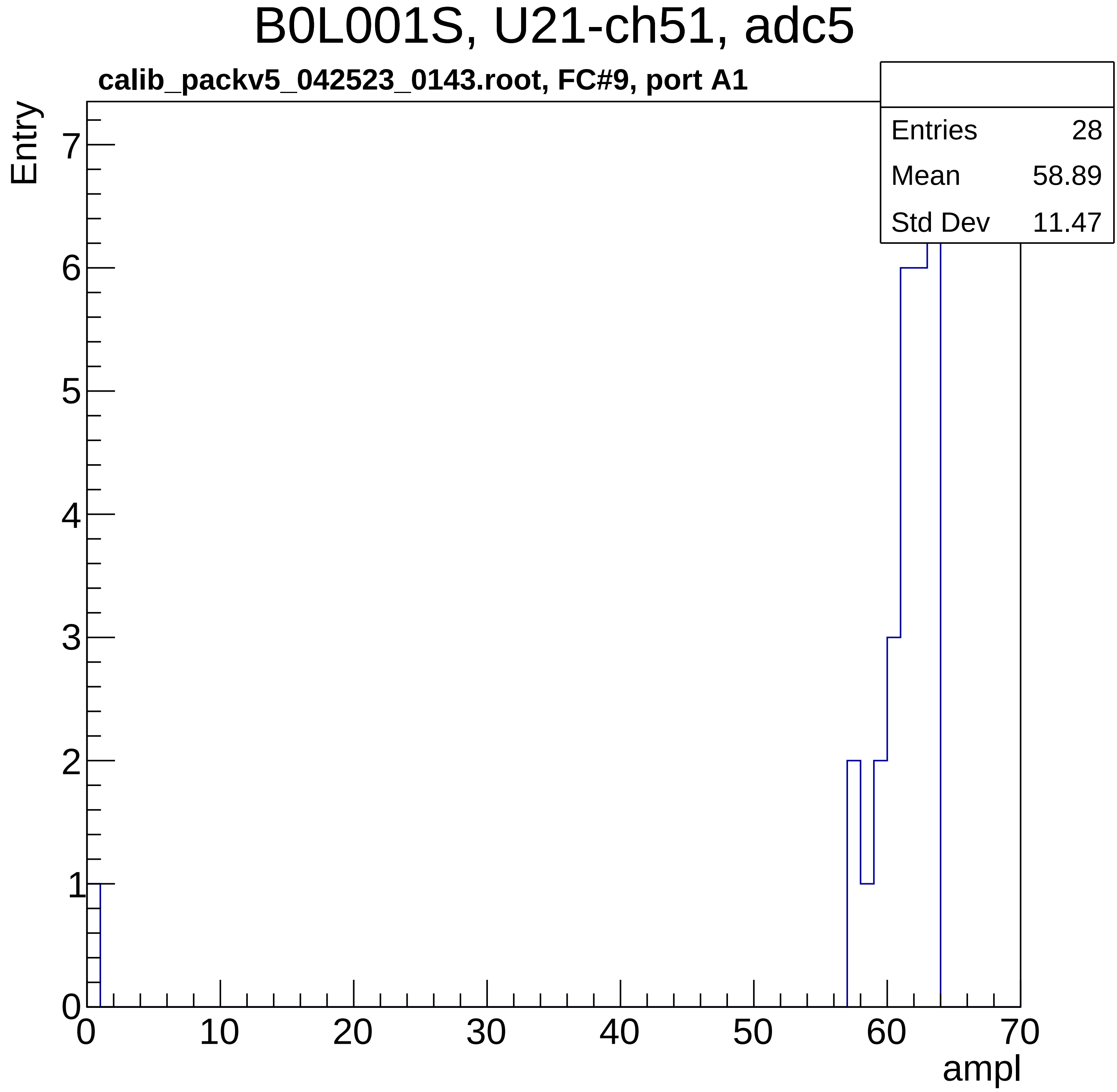

B0L001S, U21-ch51, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 31.45
Std Dev 4.967
Gaus mean : 32.4625
Gaus Width: 3.2621
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch51, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 38.96
Std Dev 3.905
Gaus mean : 39.5408
Gaus Width: 3.5524
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

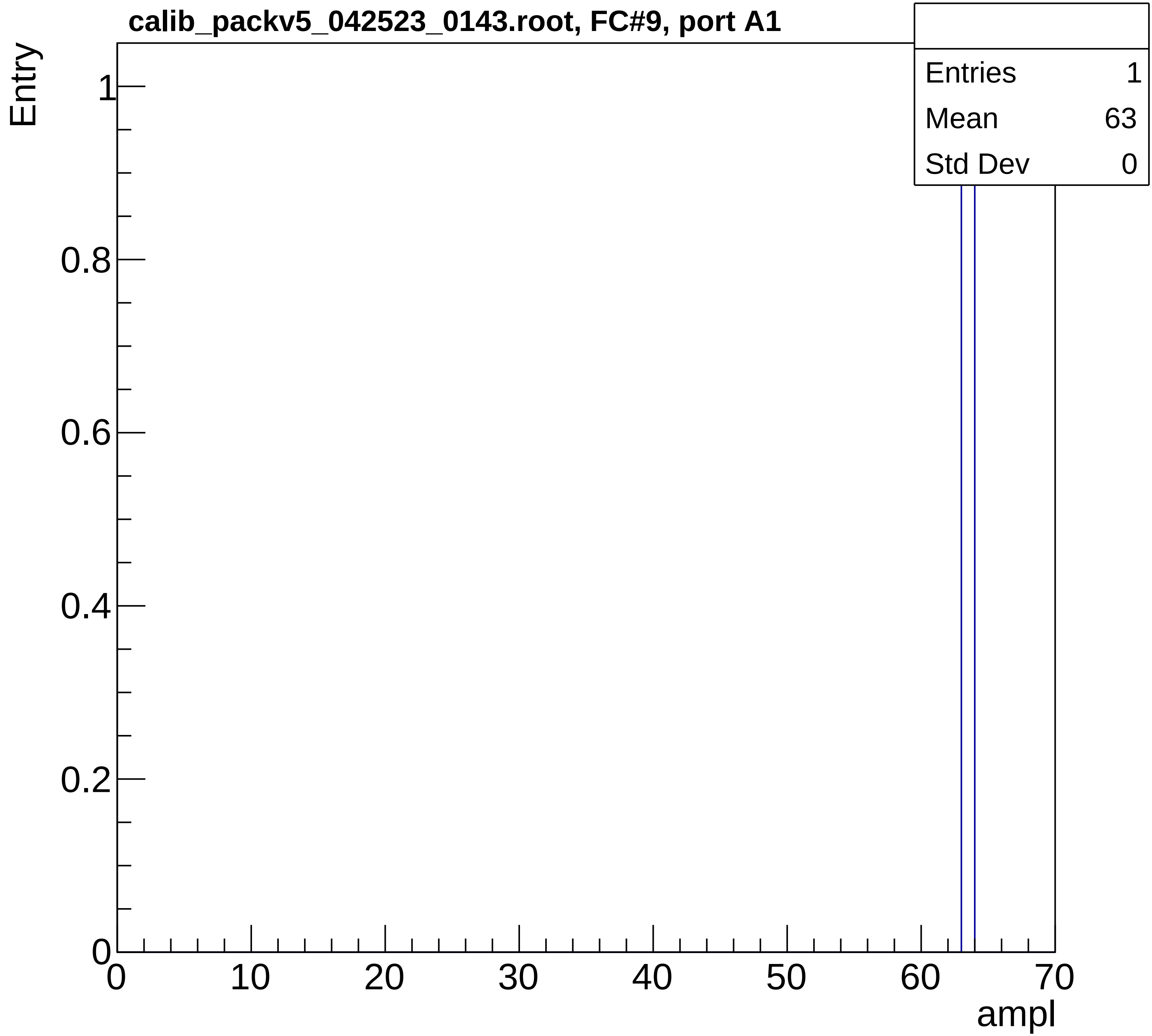

B0L001S, U21-ch51, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 61
Mean 46.08
Std Dev 3.22
Gaus mean : 46.2975
Gaus Width: 3.5828
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch51, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 52.04
Std Dev 3.469
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

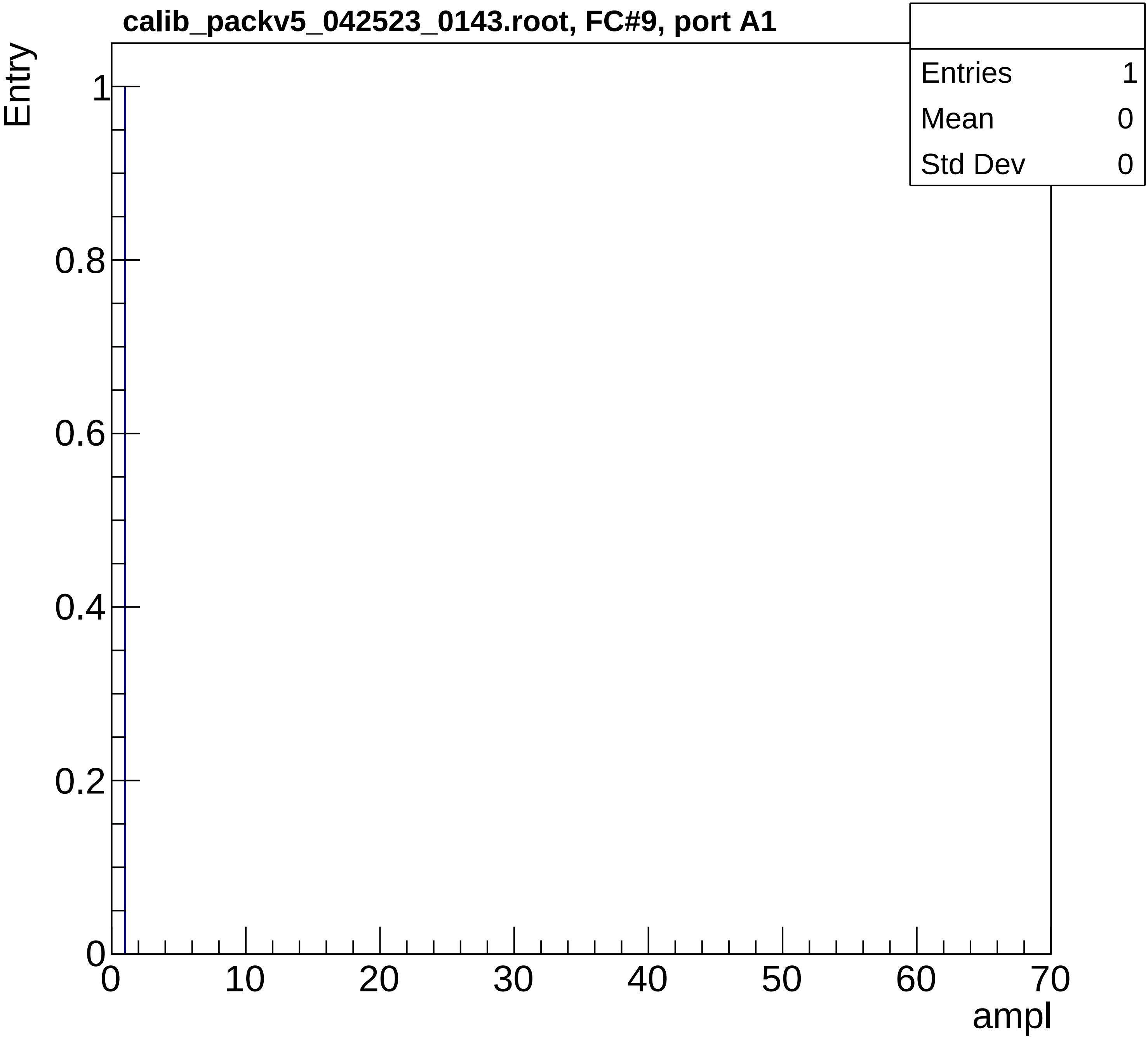

B0L001S, U21-ch51, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 57.39
Std Dev 3.125
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

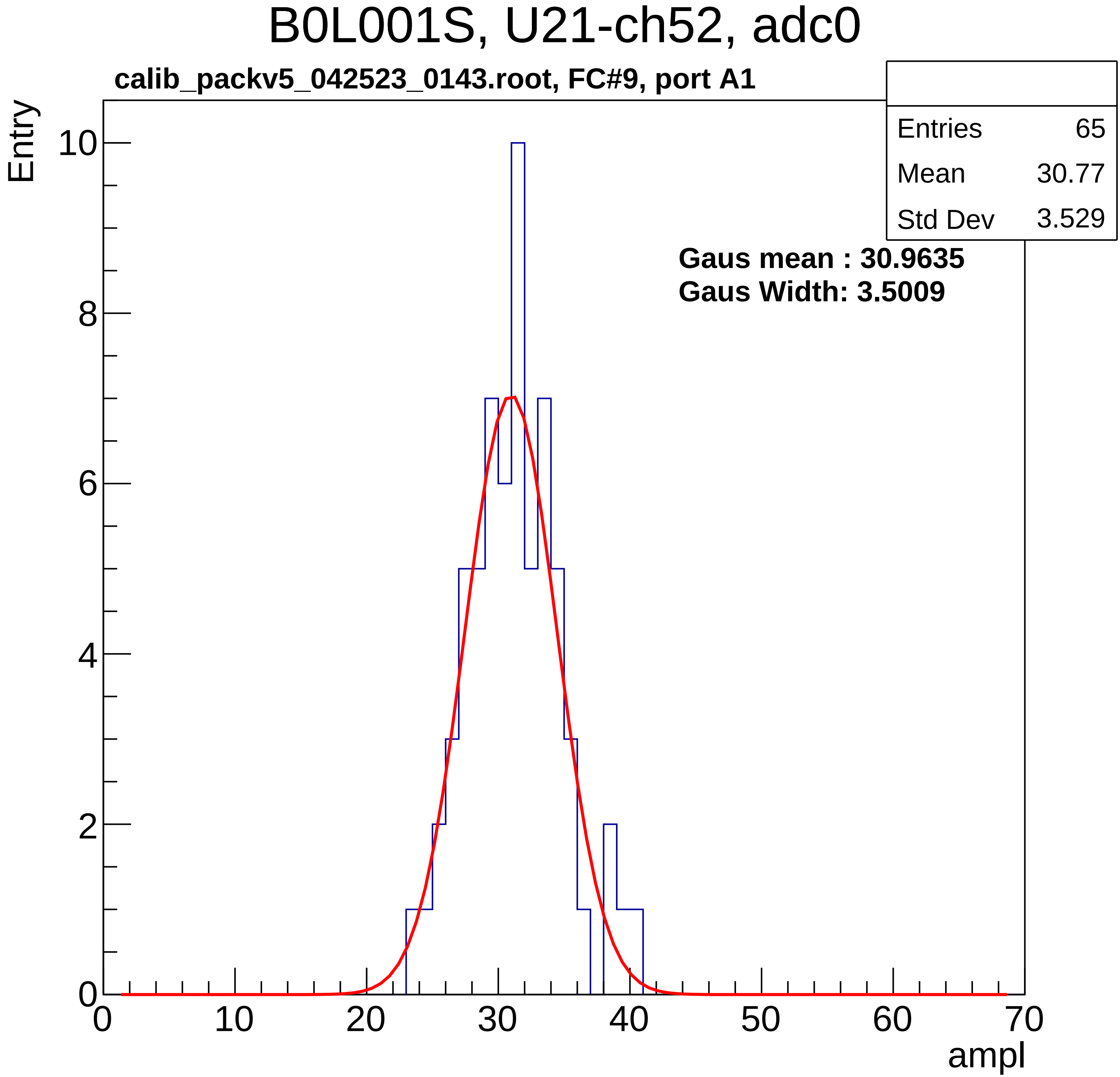

B0L001S, U21-ch51, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 58.89
Std Dev 11.47
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

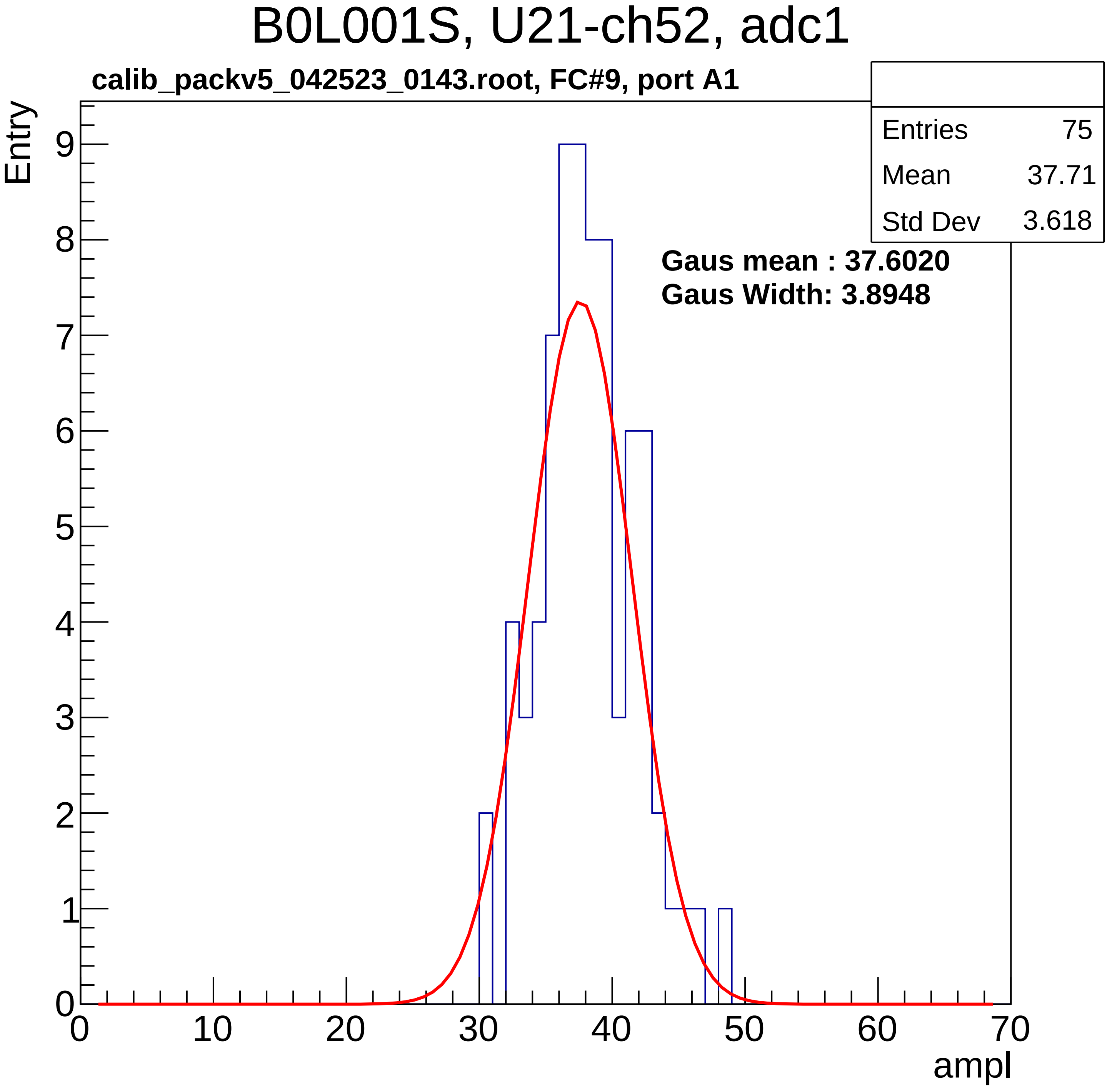
B0L001S, U21-ch51, adc6

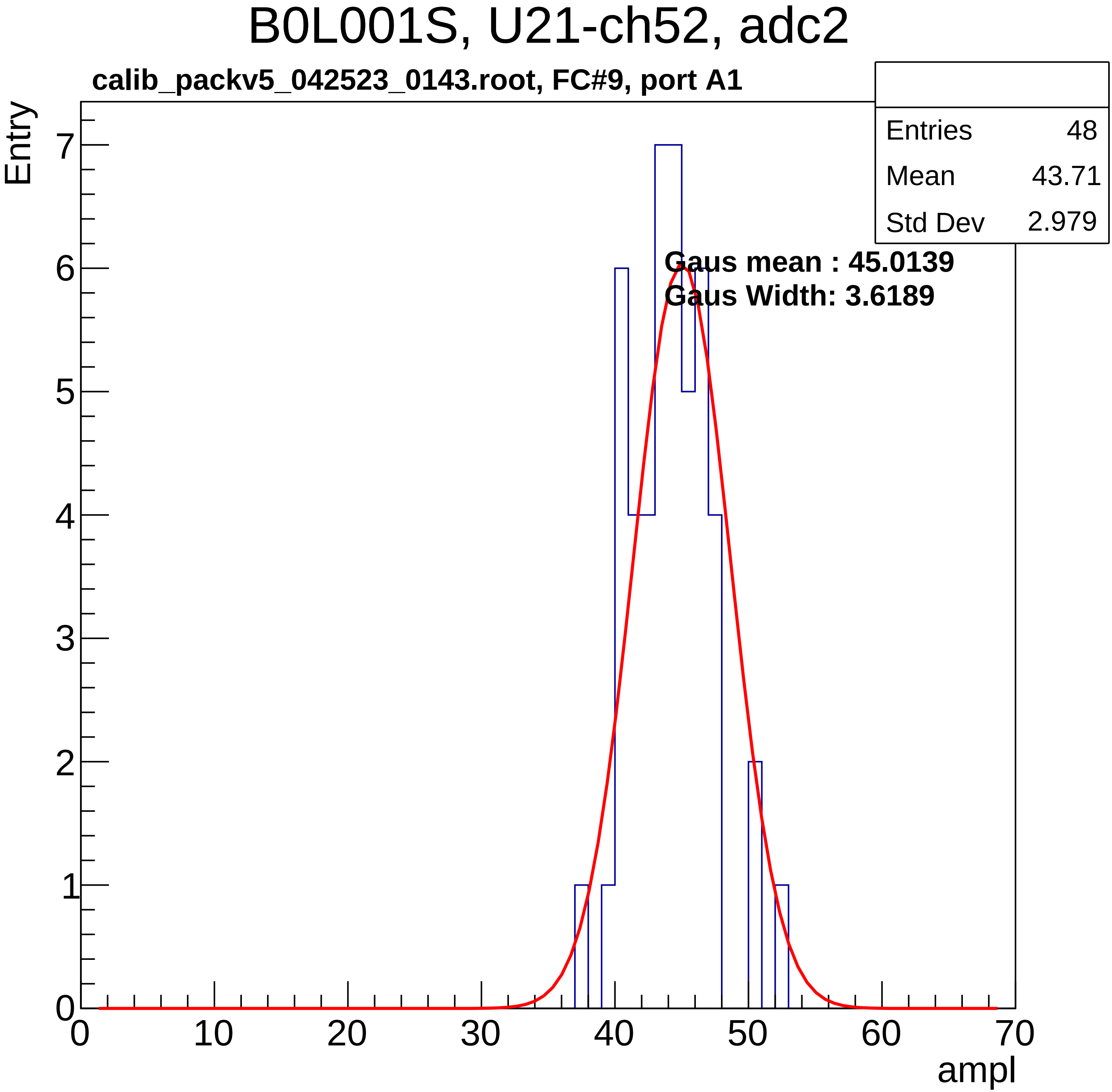


B0L001S, U21-ch51, adc7

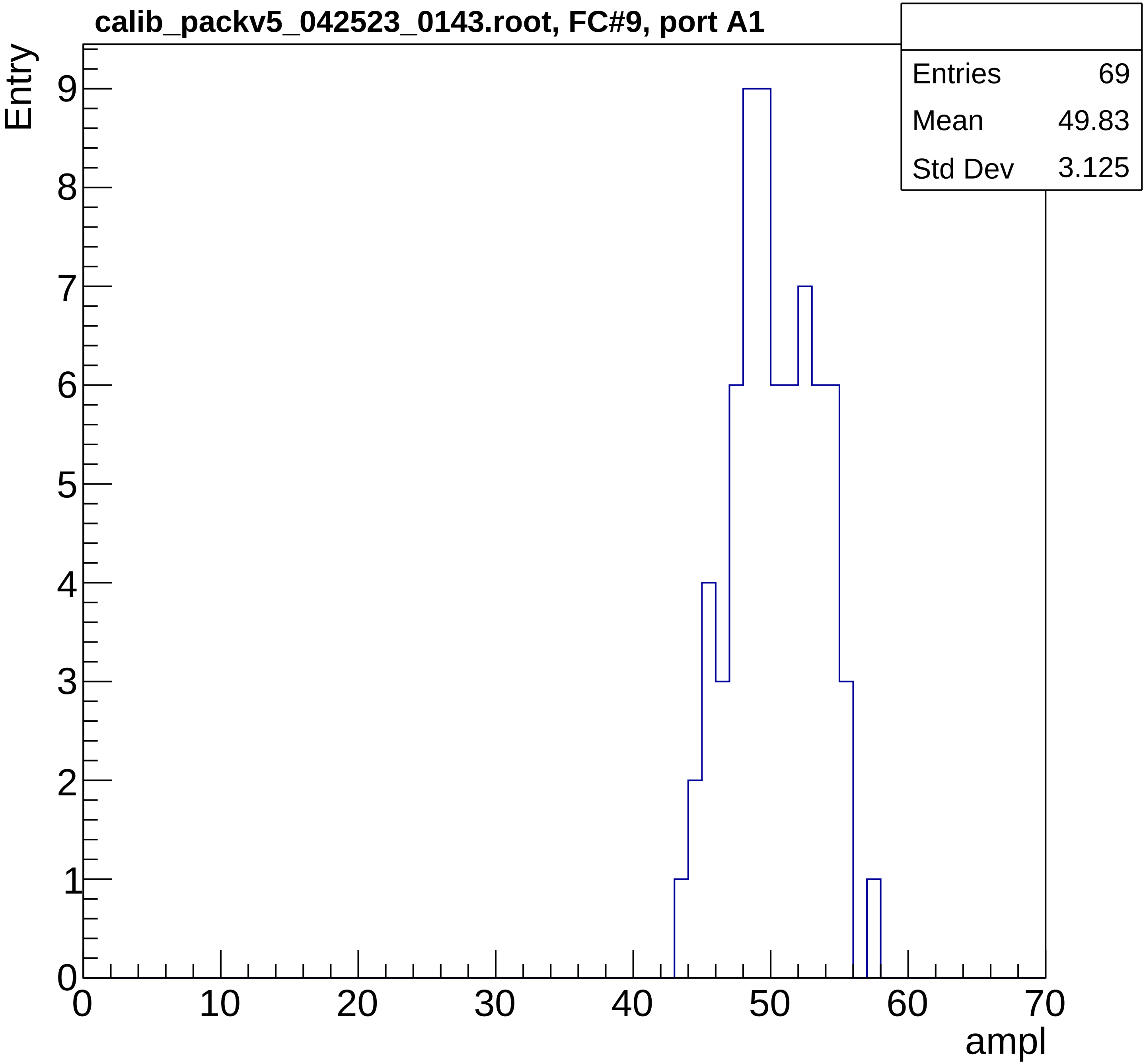



B0L001S, U21-ch52, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 30.77
Std Dev 3.529
Gaus mean : 30.9635
Gaus Width: 3.5009
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

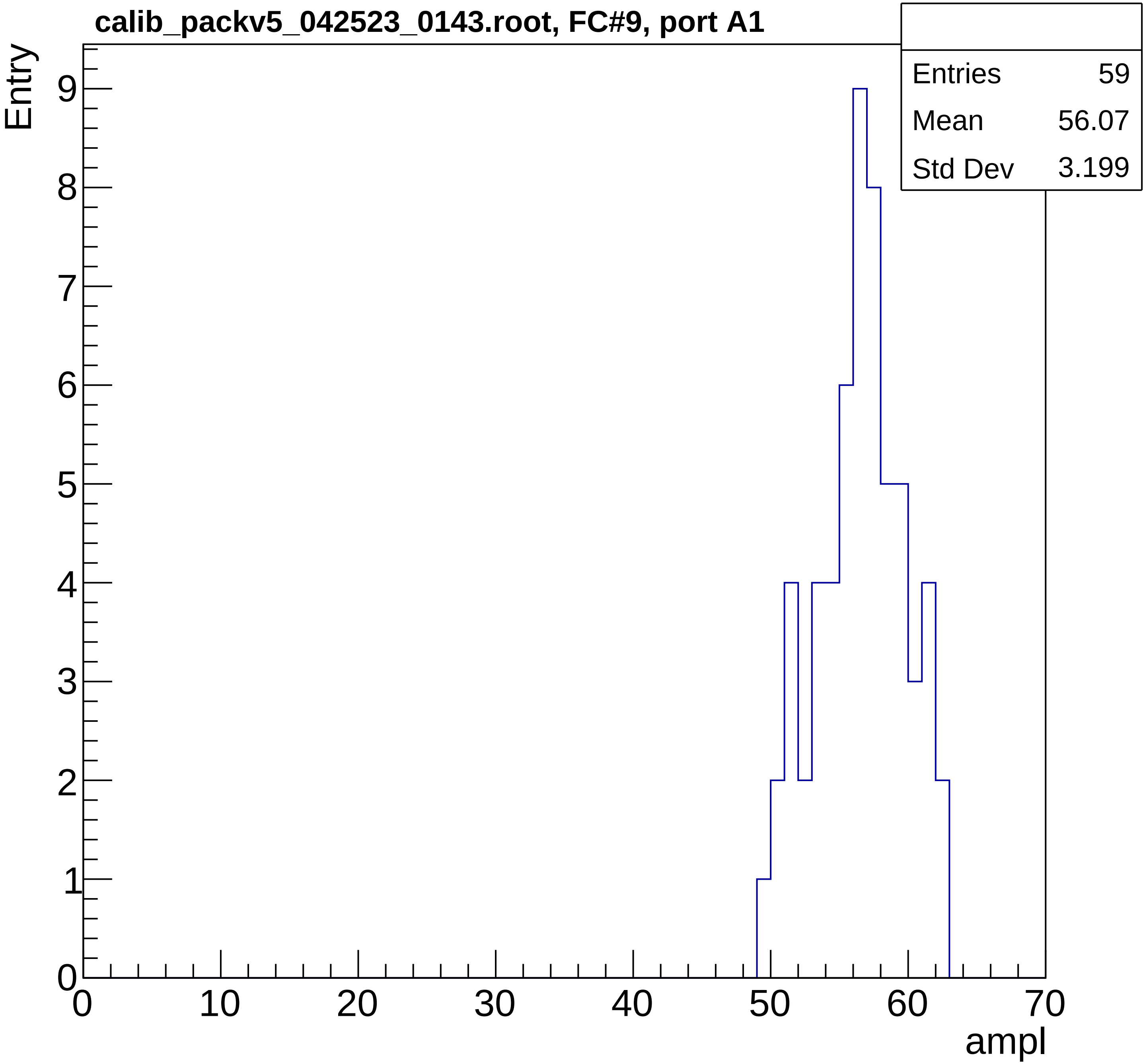

B0L001S, U21-ch52, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 37.71
Std Dev 3.618
Gaus mean : 37.6020
Gaus Width: 3.8948
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

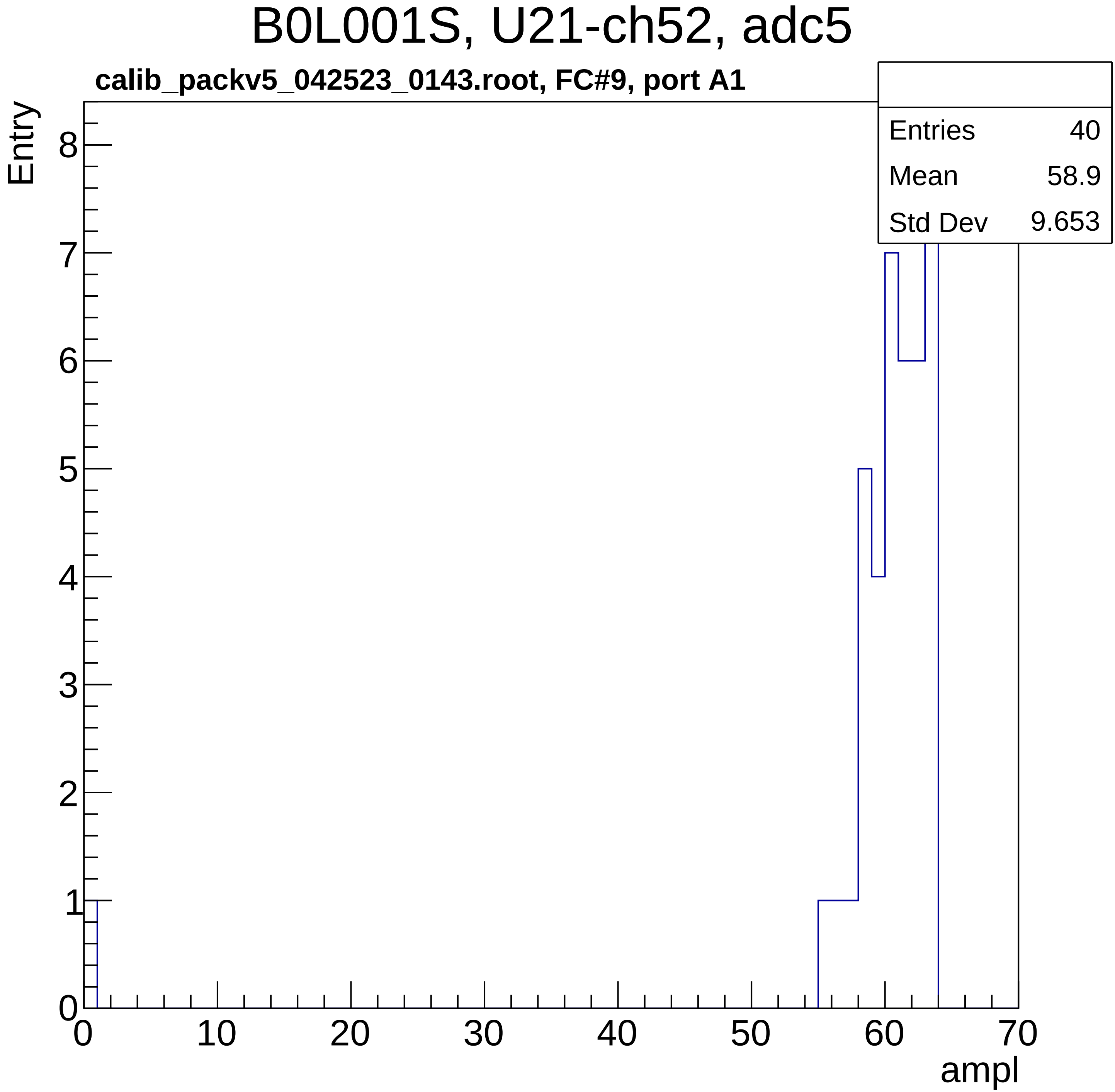

B0L001S, U21-ch52, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 43.71
Std Dev 2.979
Gaus mean : 45.0139
Gaus Width: 3.6189
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

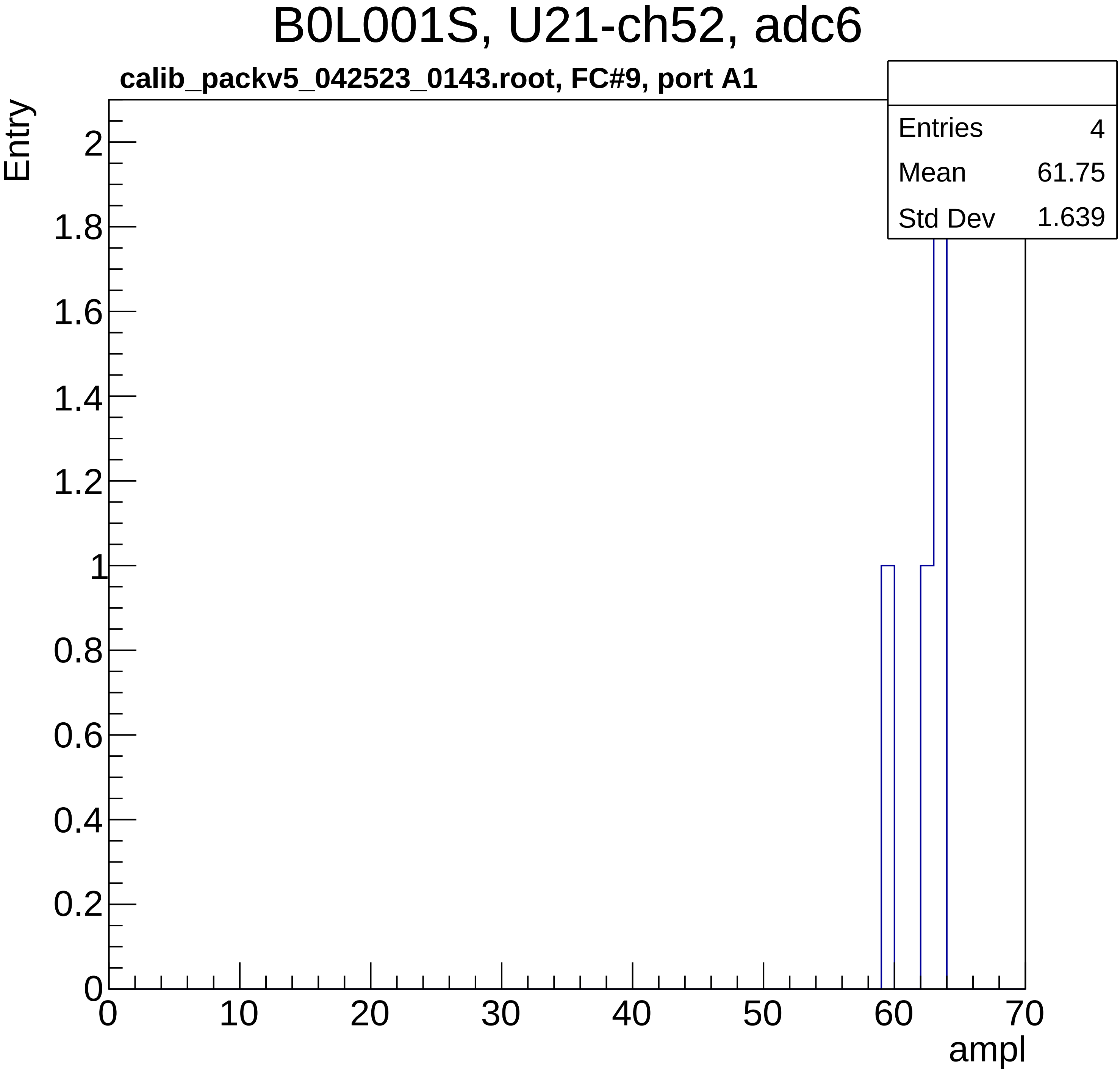
B0L001S, U21-ch52, adc3

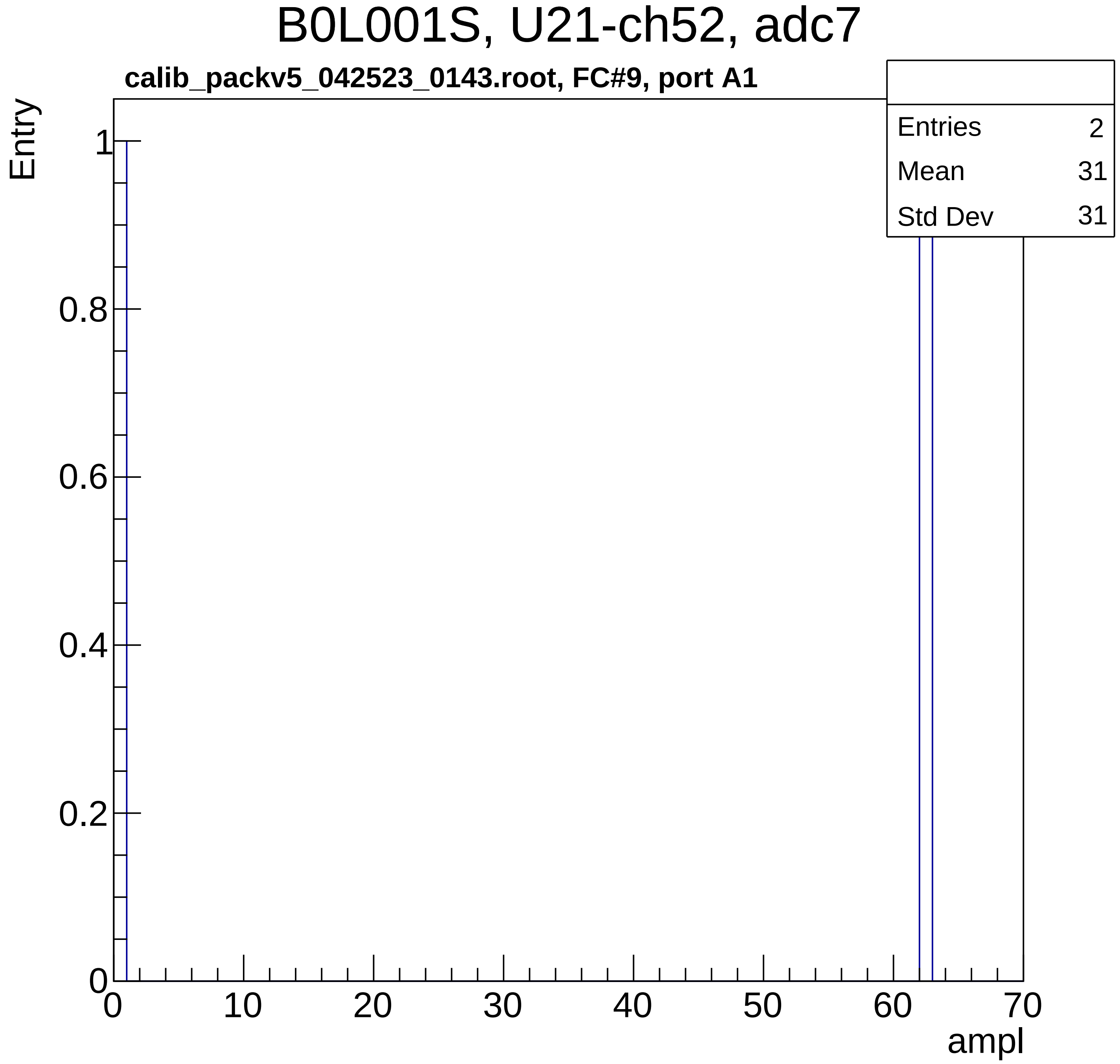


B0L001S, U21-ch52, adc4

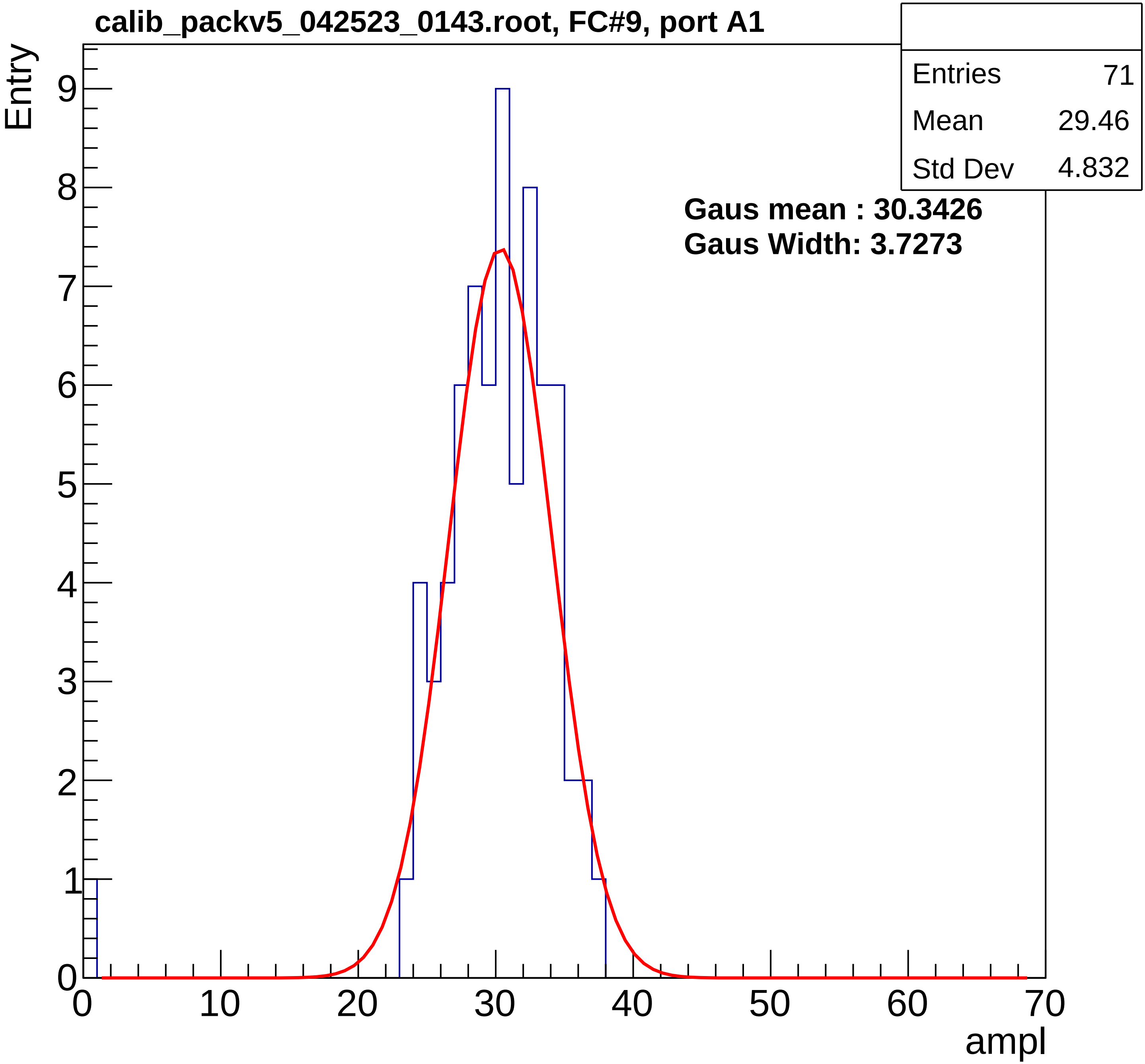


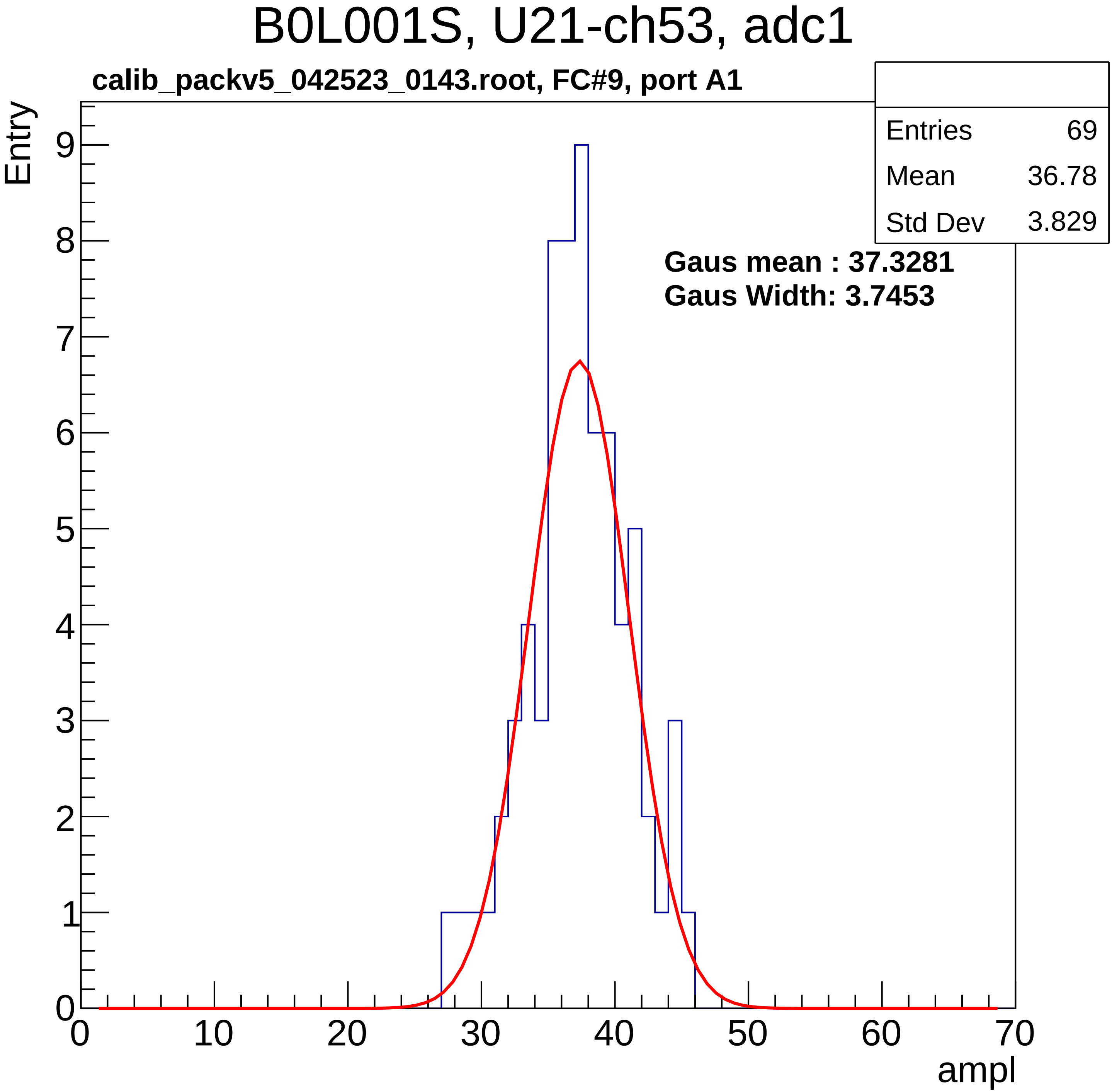

B0L001S, U21-ch52, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 58.9
Std Dev 9.653
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

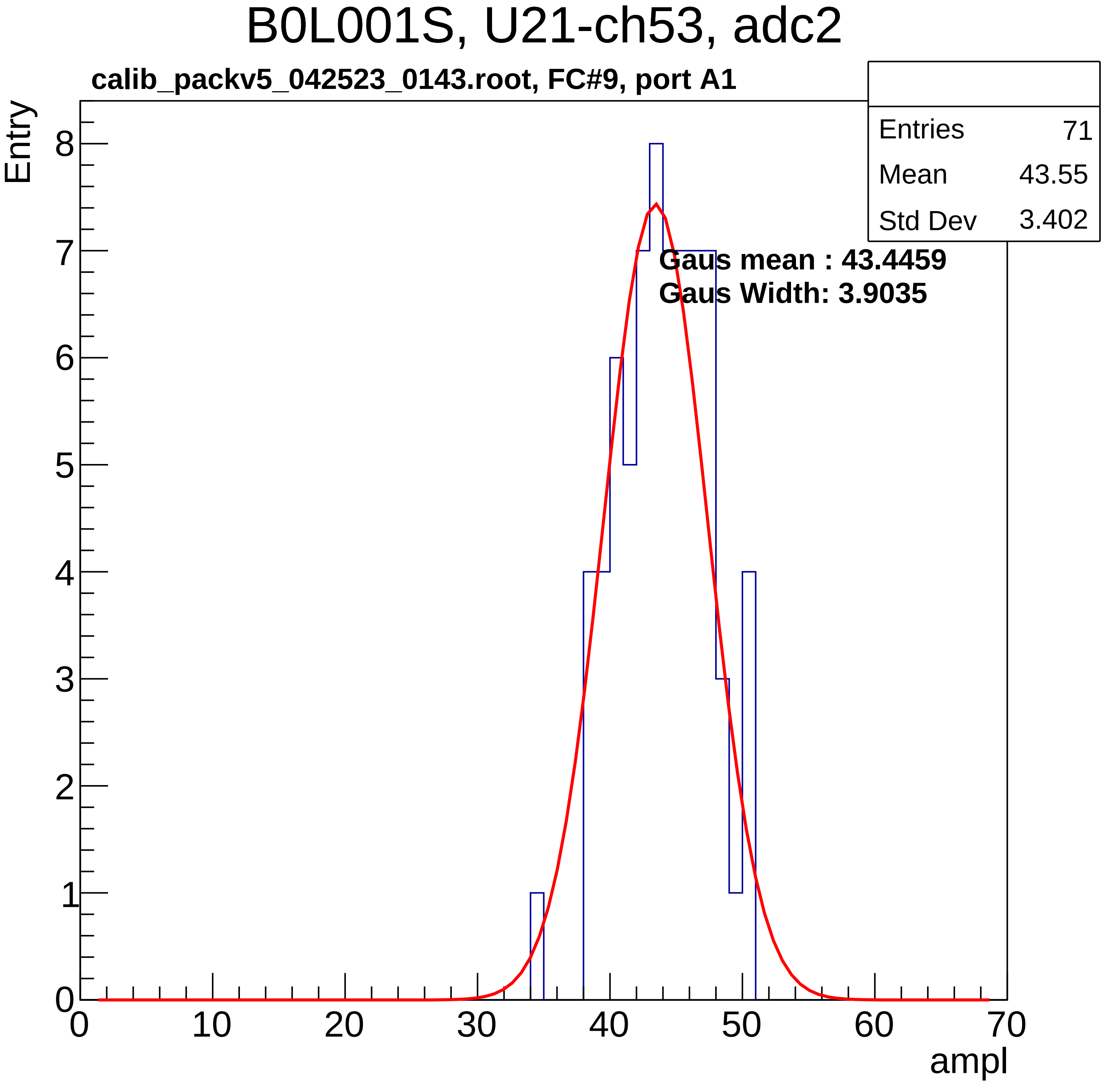

B0L001S, U21-ch52, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 61.75
Std Dev 1.639
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch52, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 2
Mean 31
Std Dev 31
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch53, adc0




B0L001S, U21-ch53, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 36.78
Std Dev 3.829
Gaus mean : 37.3281
Gaus Width: 3.7453
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch53, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 43.55
Std Dev 3.402
Gaus mean : 43.4459
Gaus Width: 3.9035
Entry
ampl
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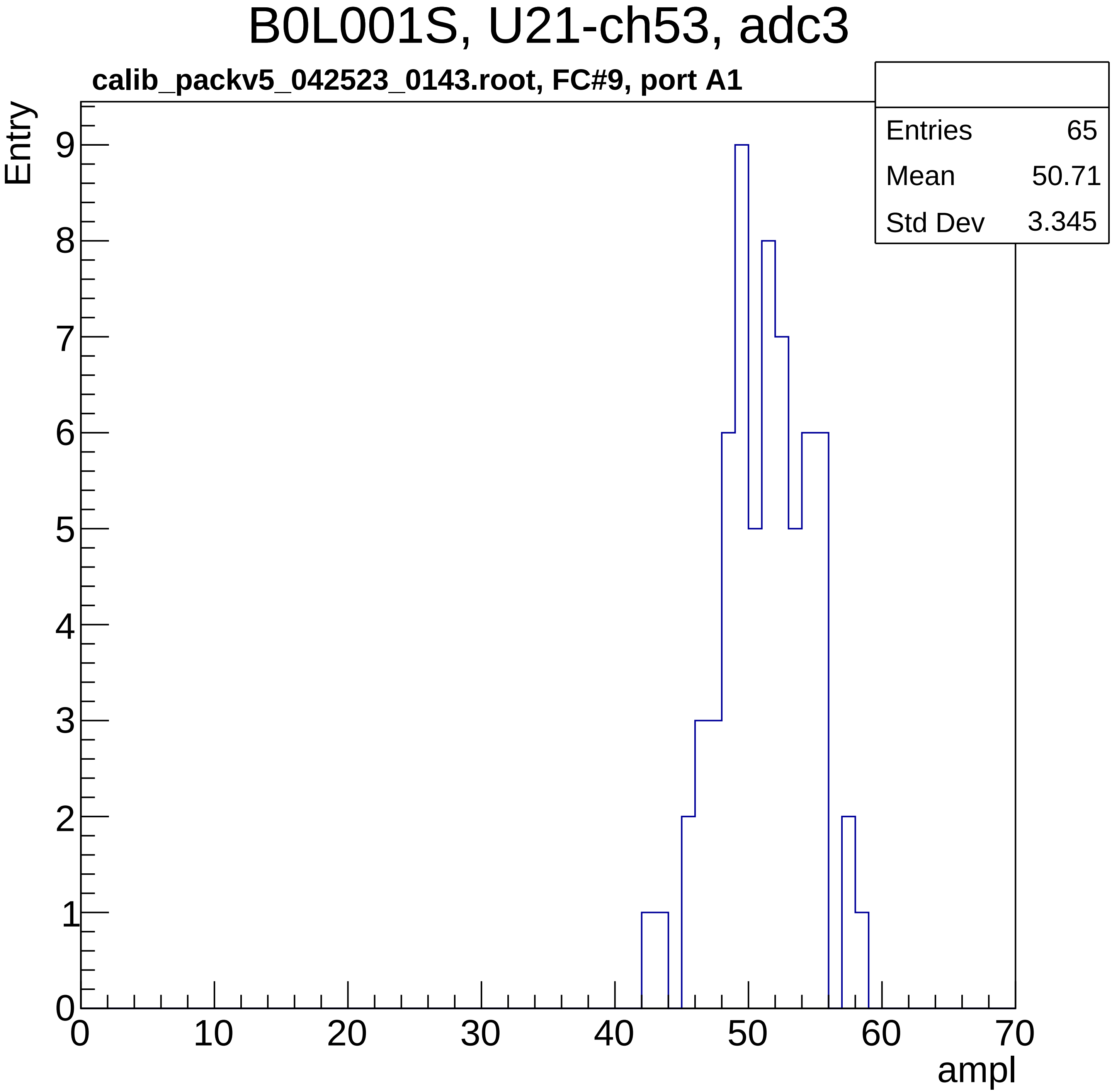
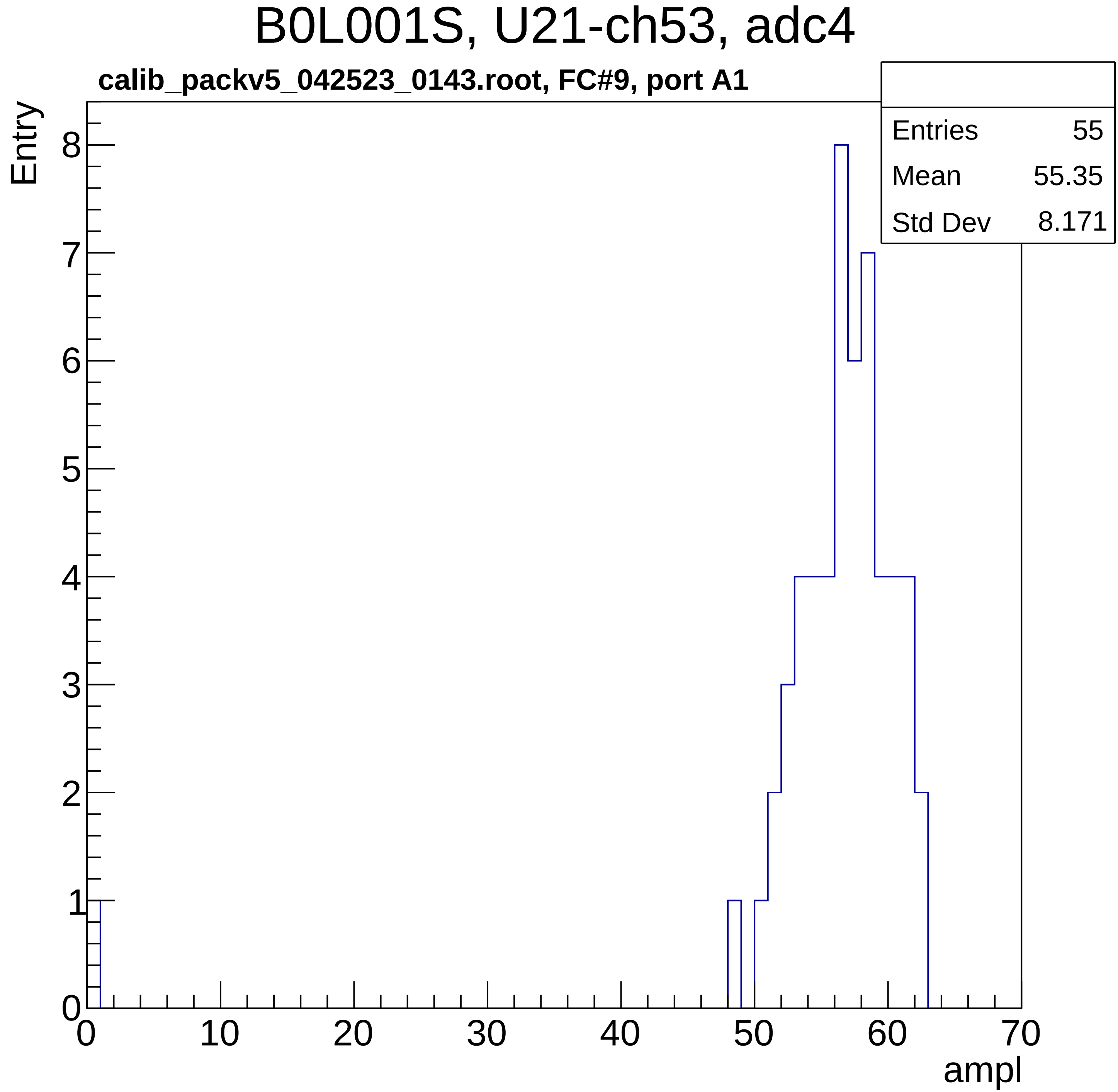
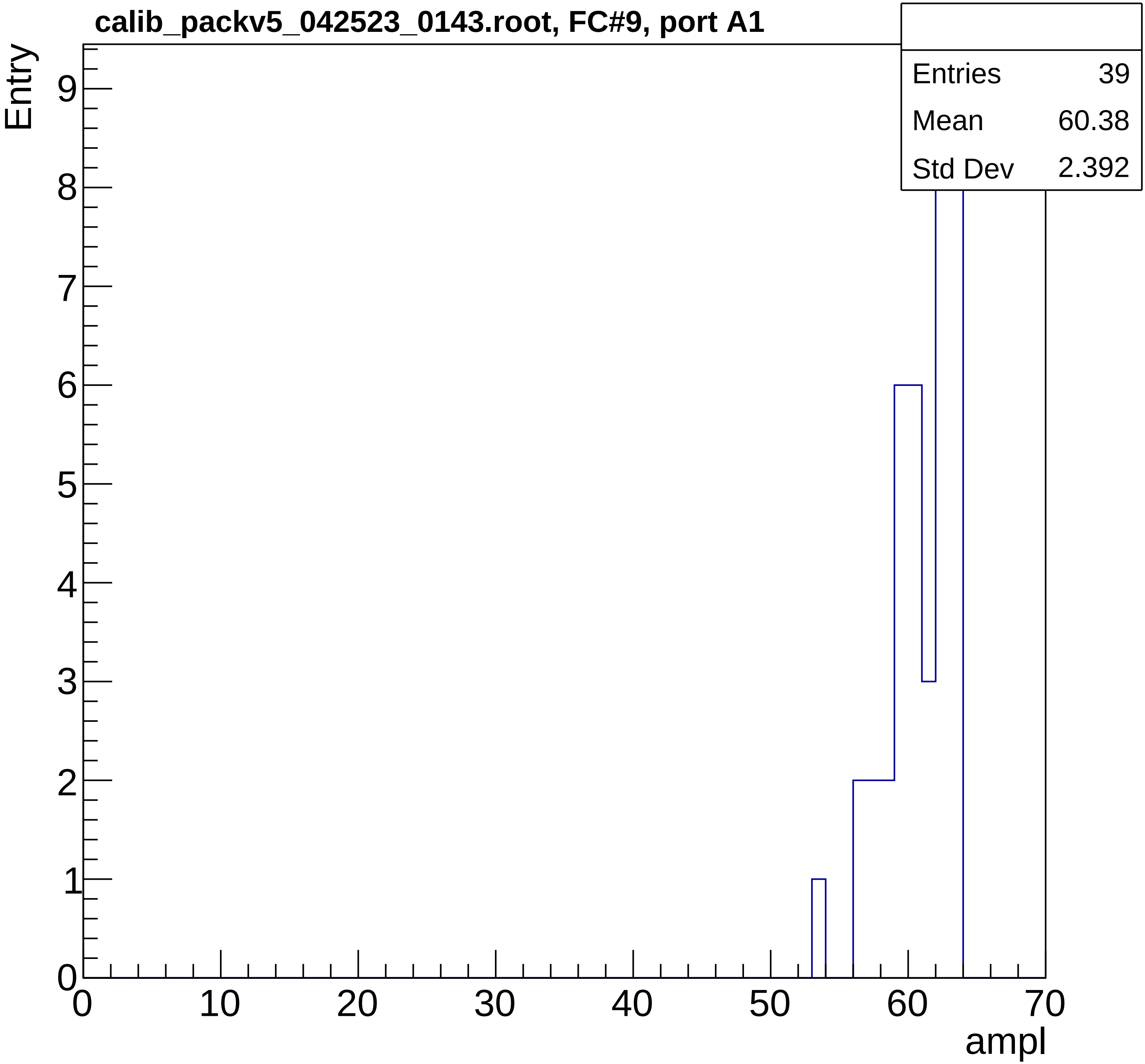
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch53, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 50.71
Std Dev 3.345
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

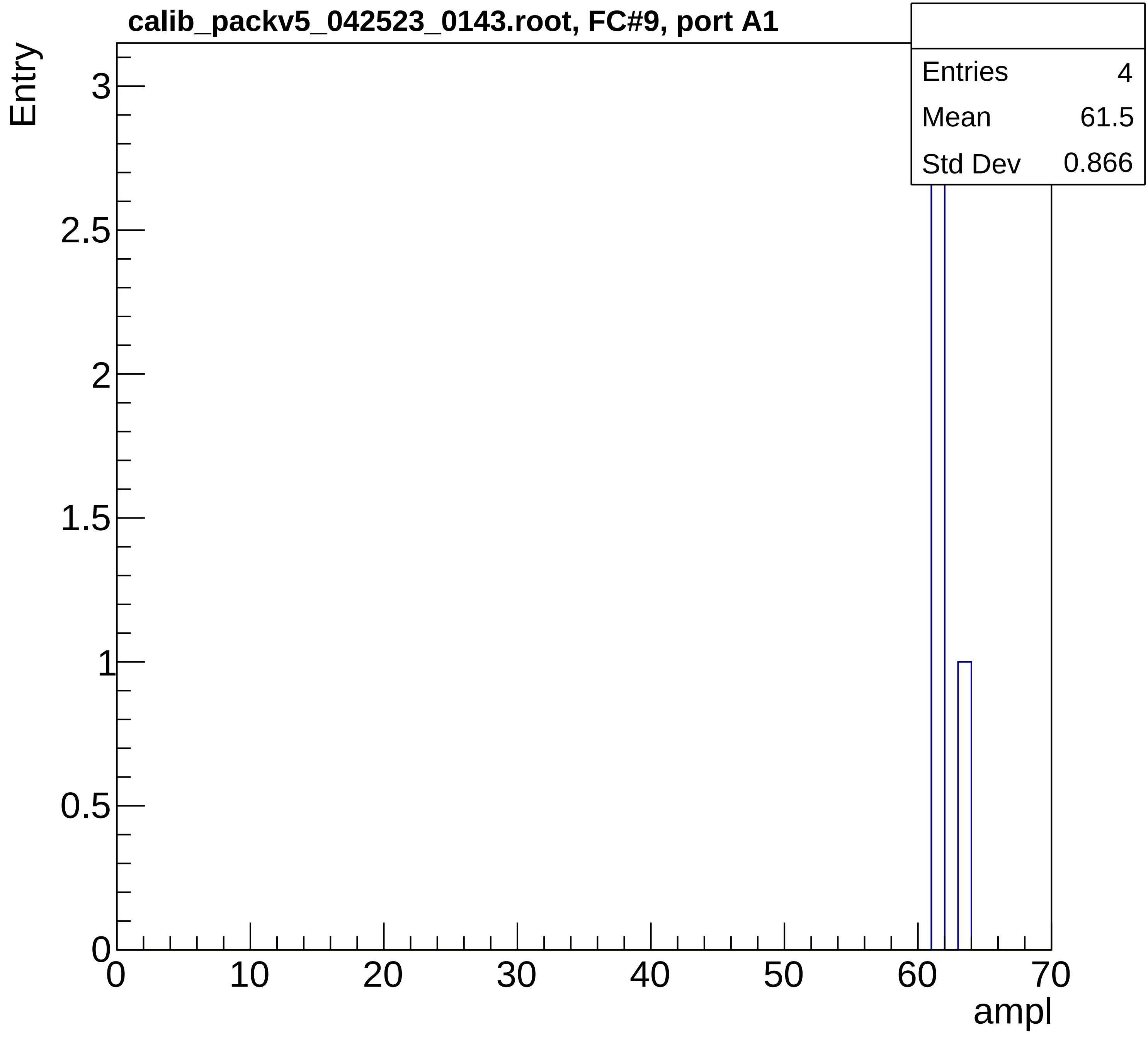

B0L001S, U21-ch53, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 55
Mean 55.35
Std Dev 8.171
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

B0L001S, U21-ch53, adc5

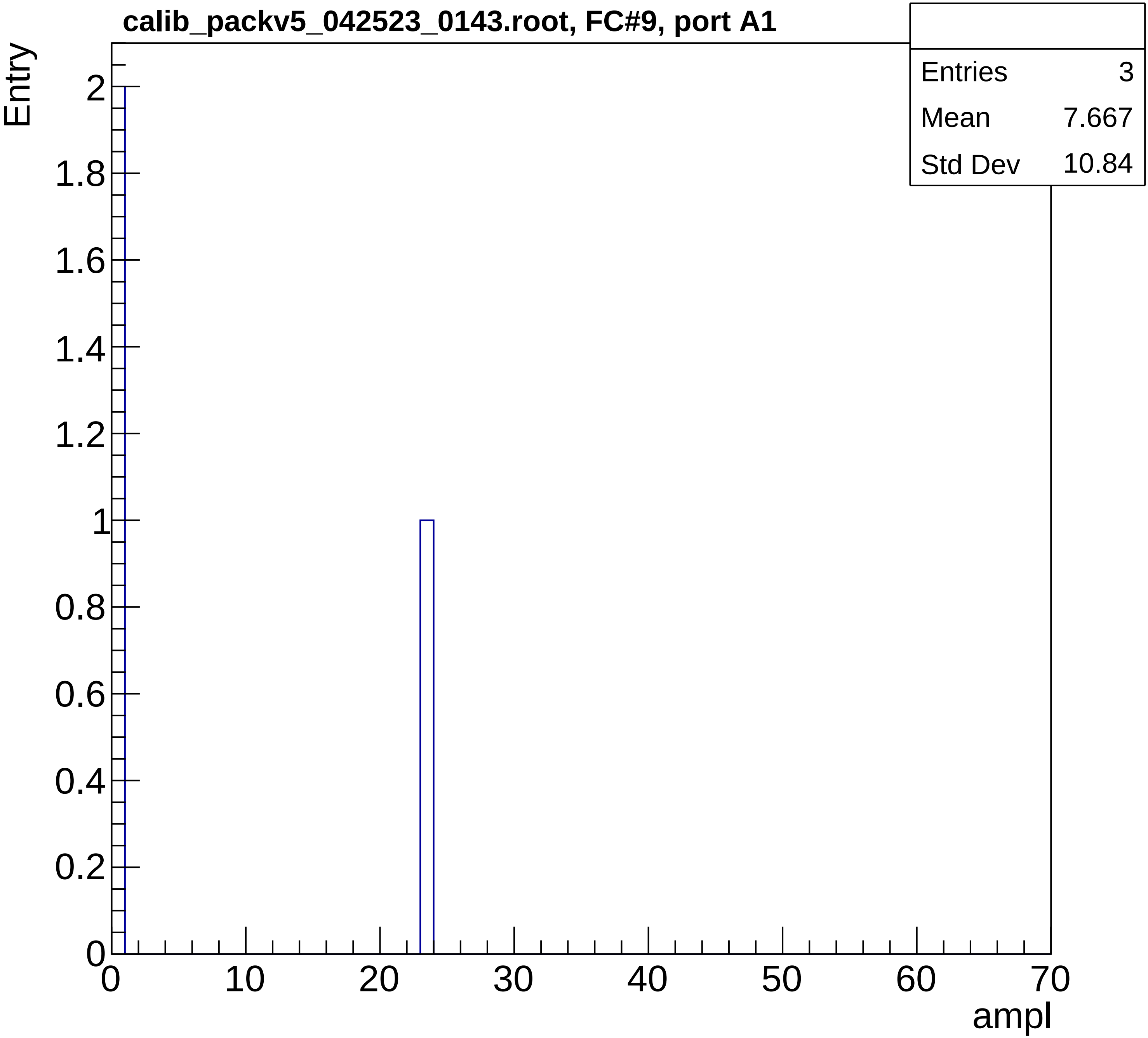
calib_packv5_042523_0143.root, FC#9, port A1

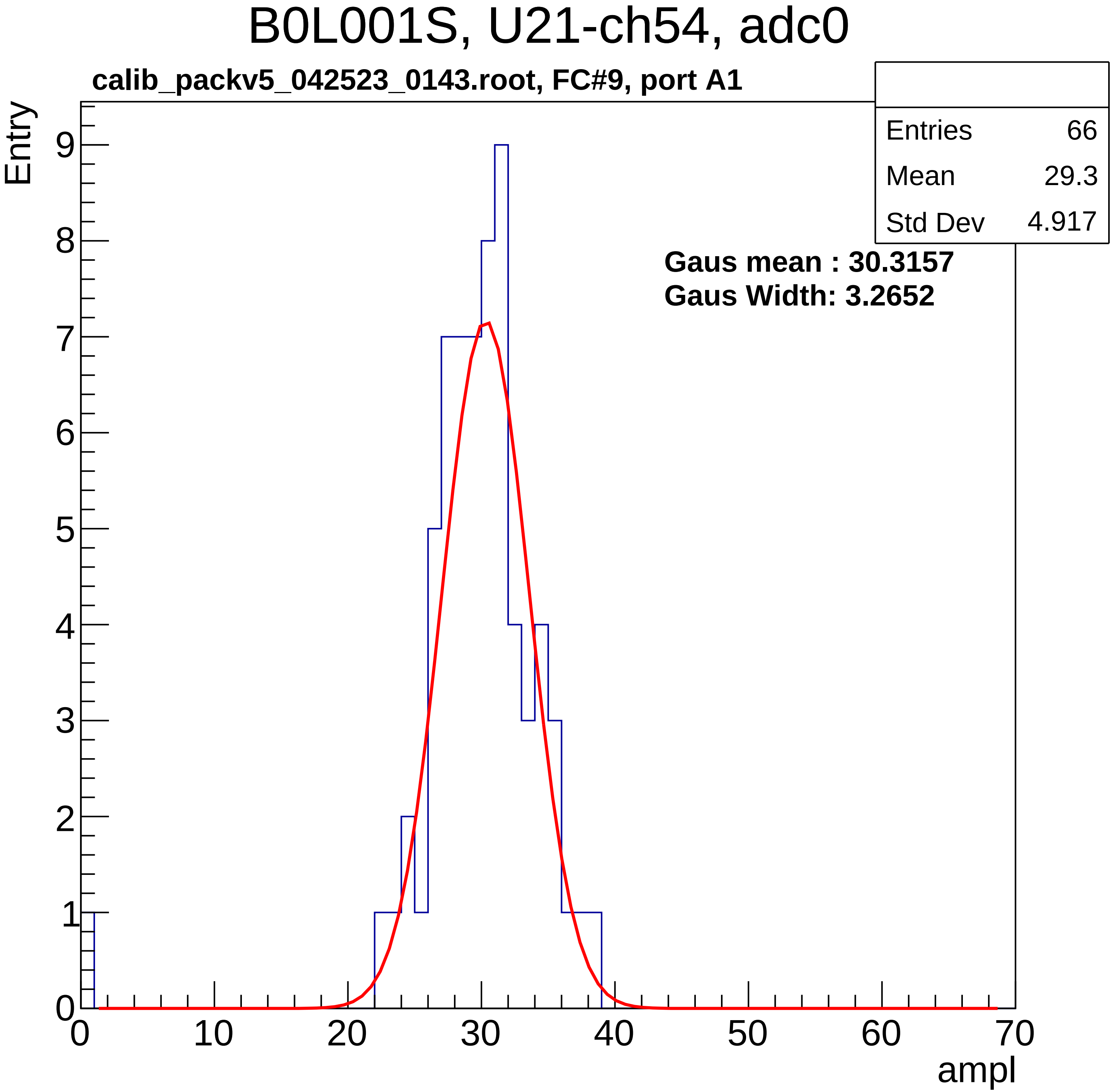


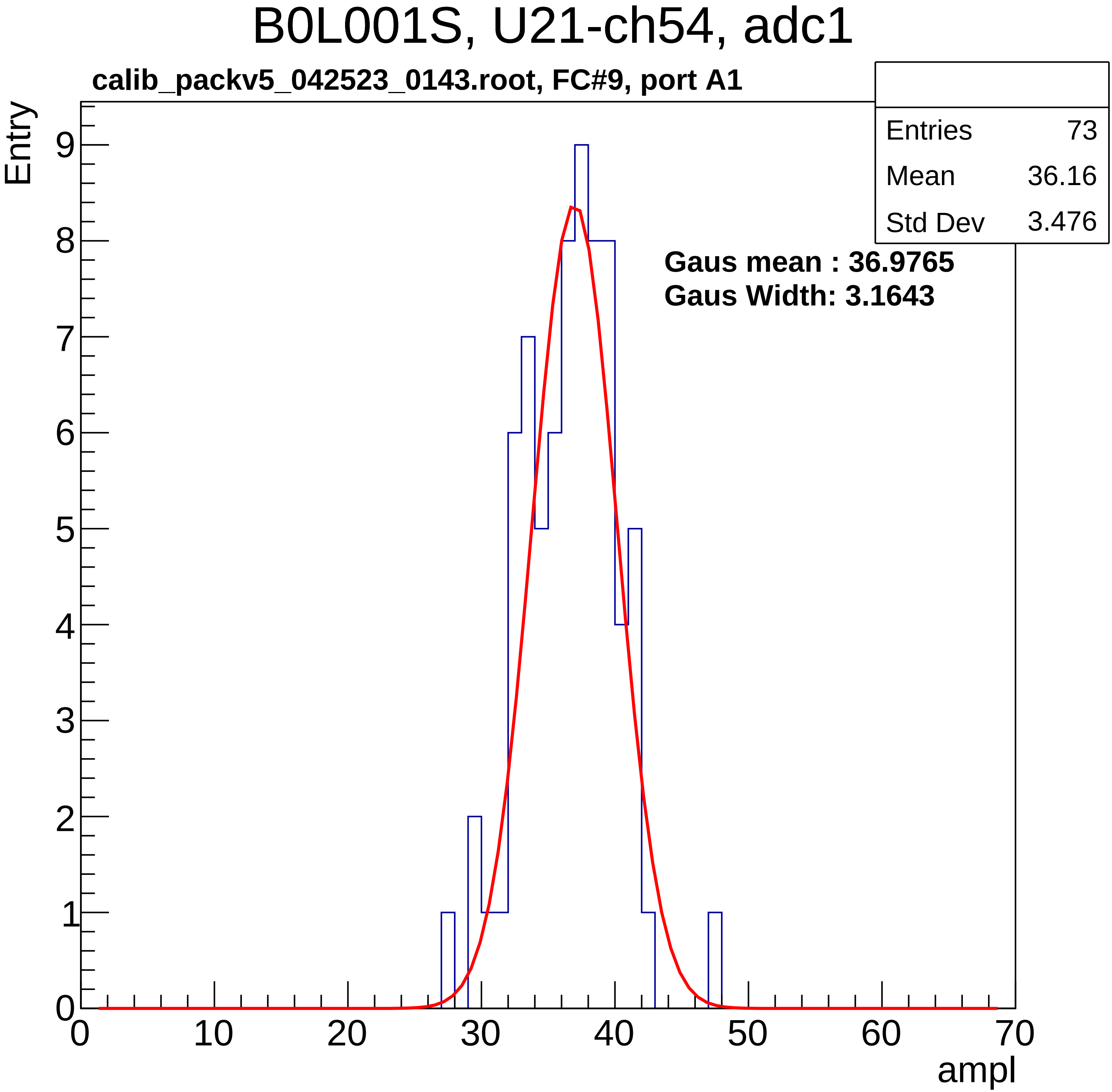
B0L001S, U21-ch53, adc6



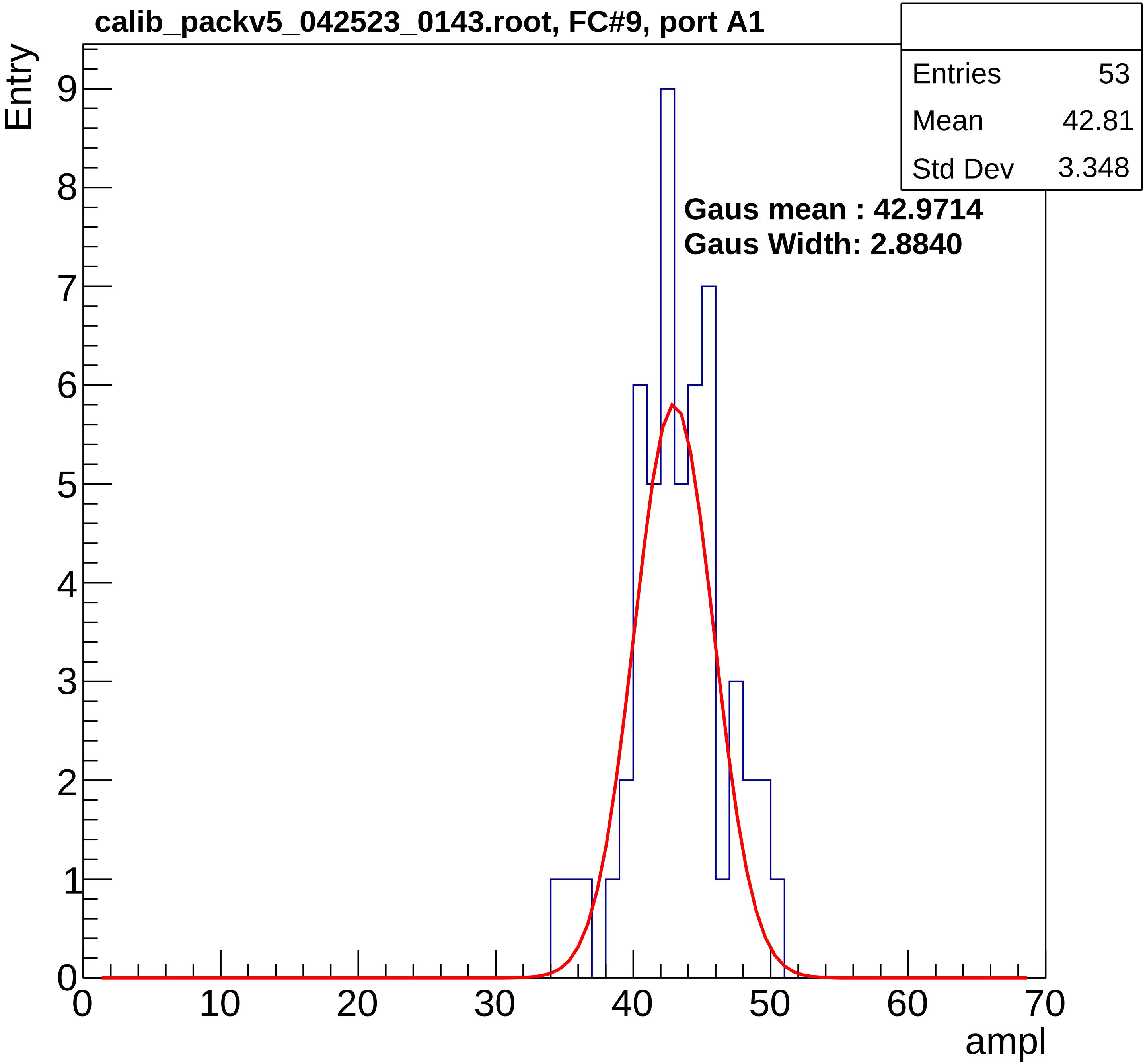
B0L001S, U21-ch53, adc7




B0L001S, U21-ch54, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 29.3
Std Dev 4.917
Gaus mean : 30.3157
Gaus Width: 3.2652
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

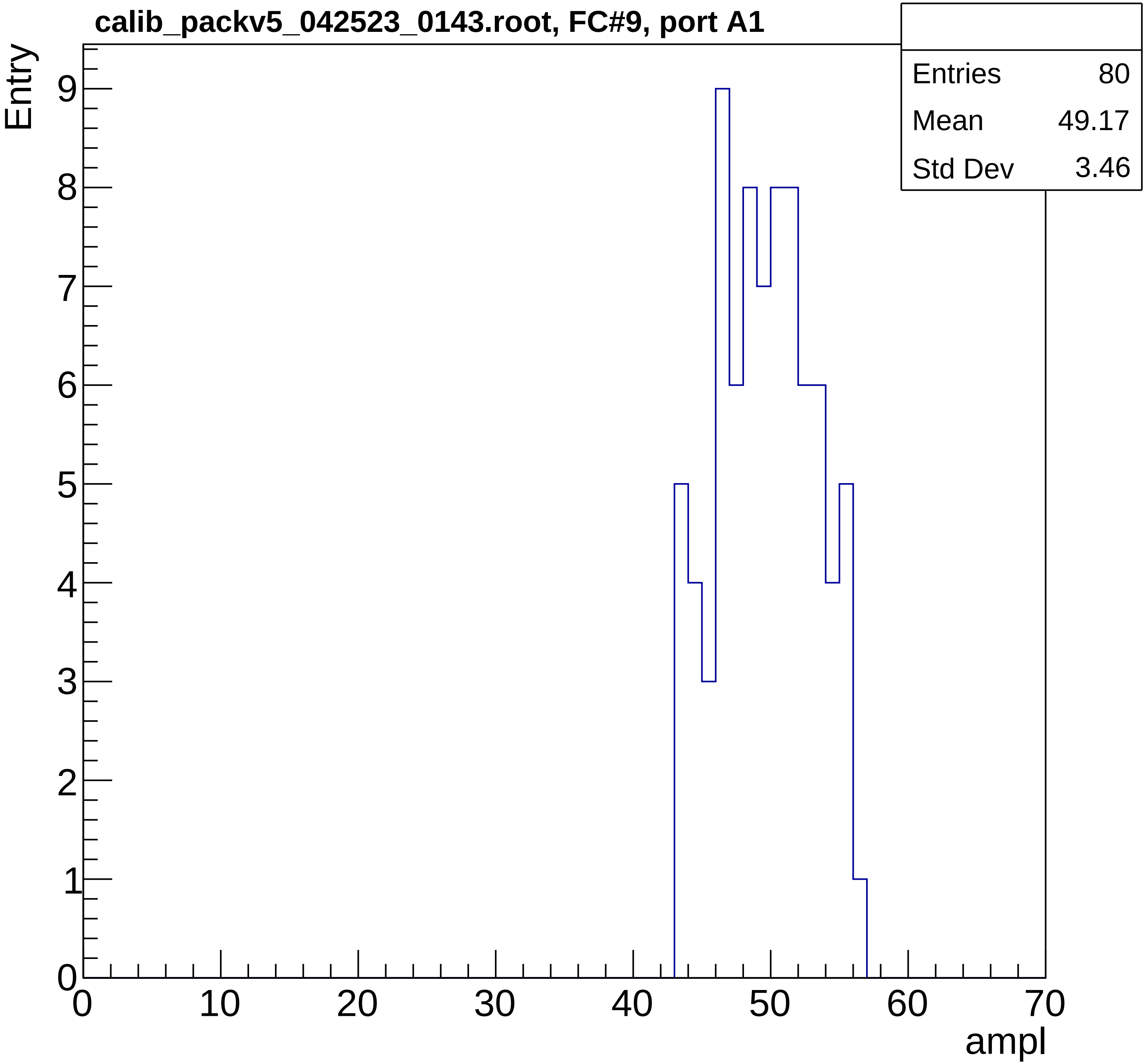

B0L001S, U21-ch54, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 36.16
Std Dev 3.476
Gaus mean : 36.9765
Gaus Width: 3.1643
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

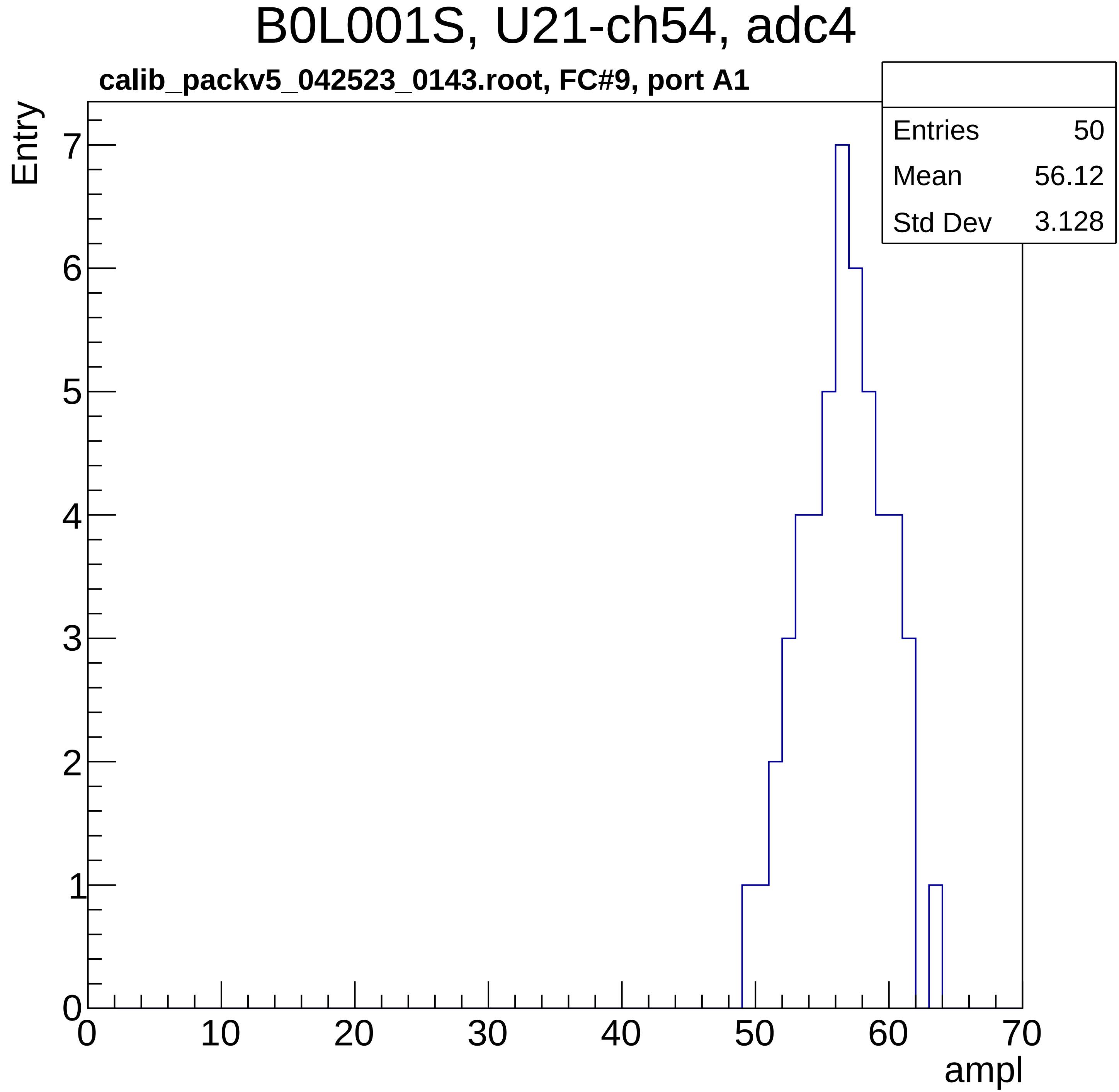
B0L001S, U21-ch54, adc2



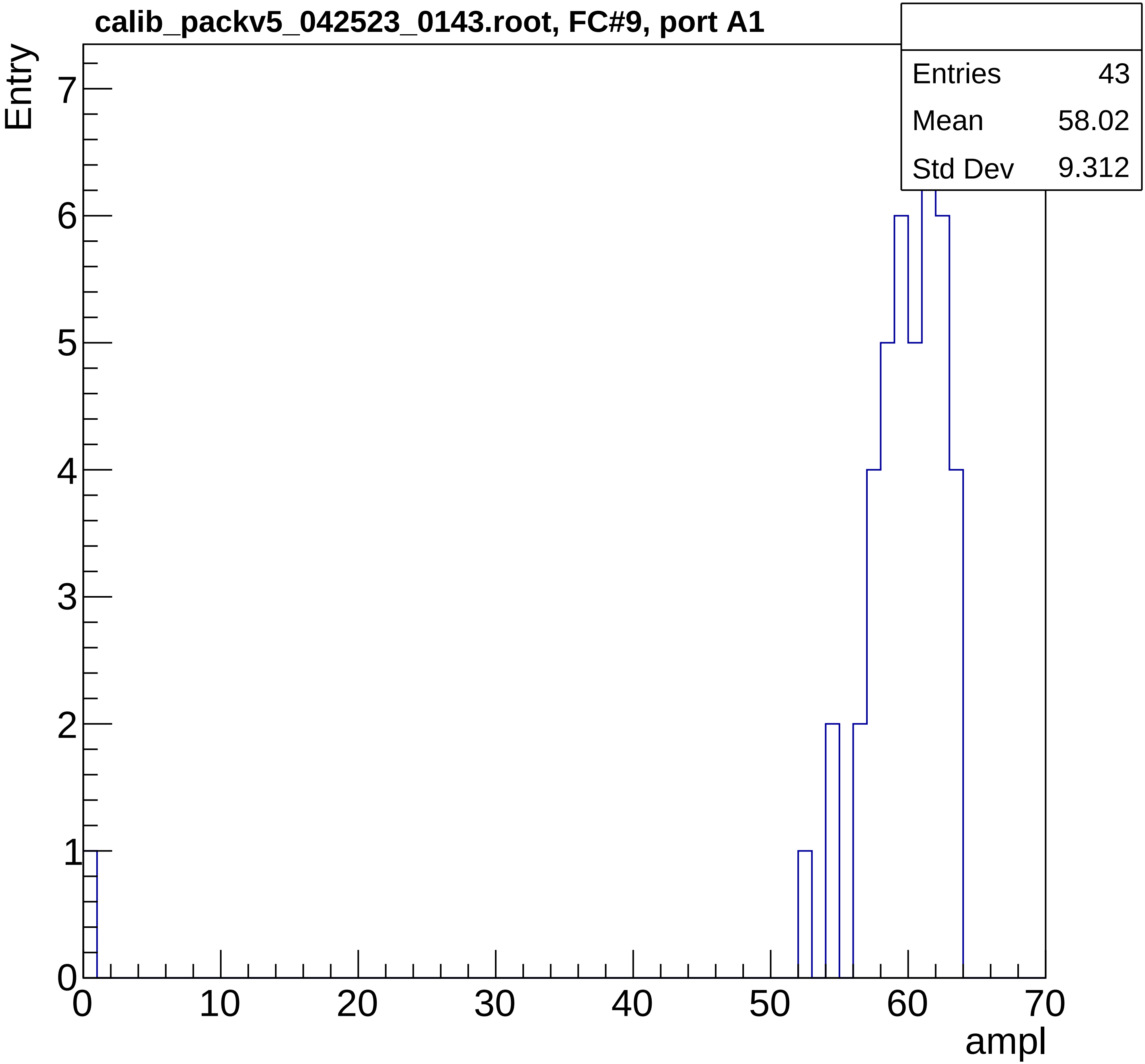
B0L001S, U21-ch54, adc3

calib_packv5_042523_0143.root, FC#9, port A1



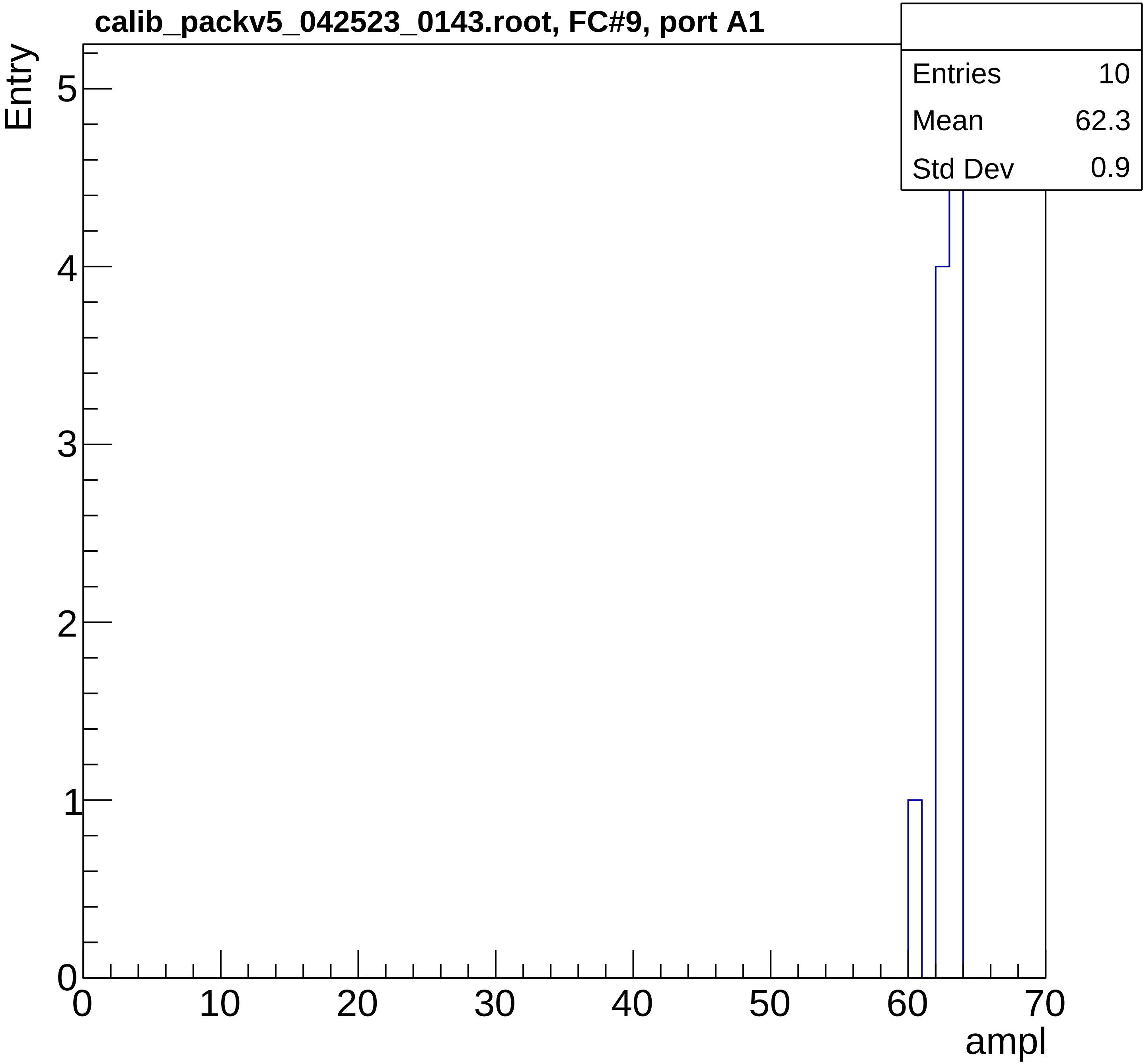

B0L001S, U21-ch54, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 56.12
Std Dev 3.128
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch54, adc5

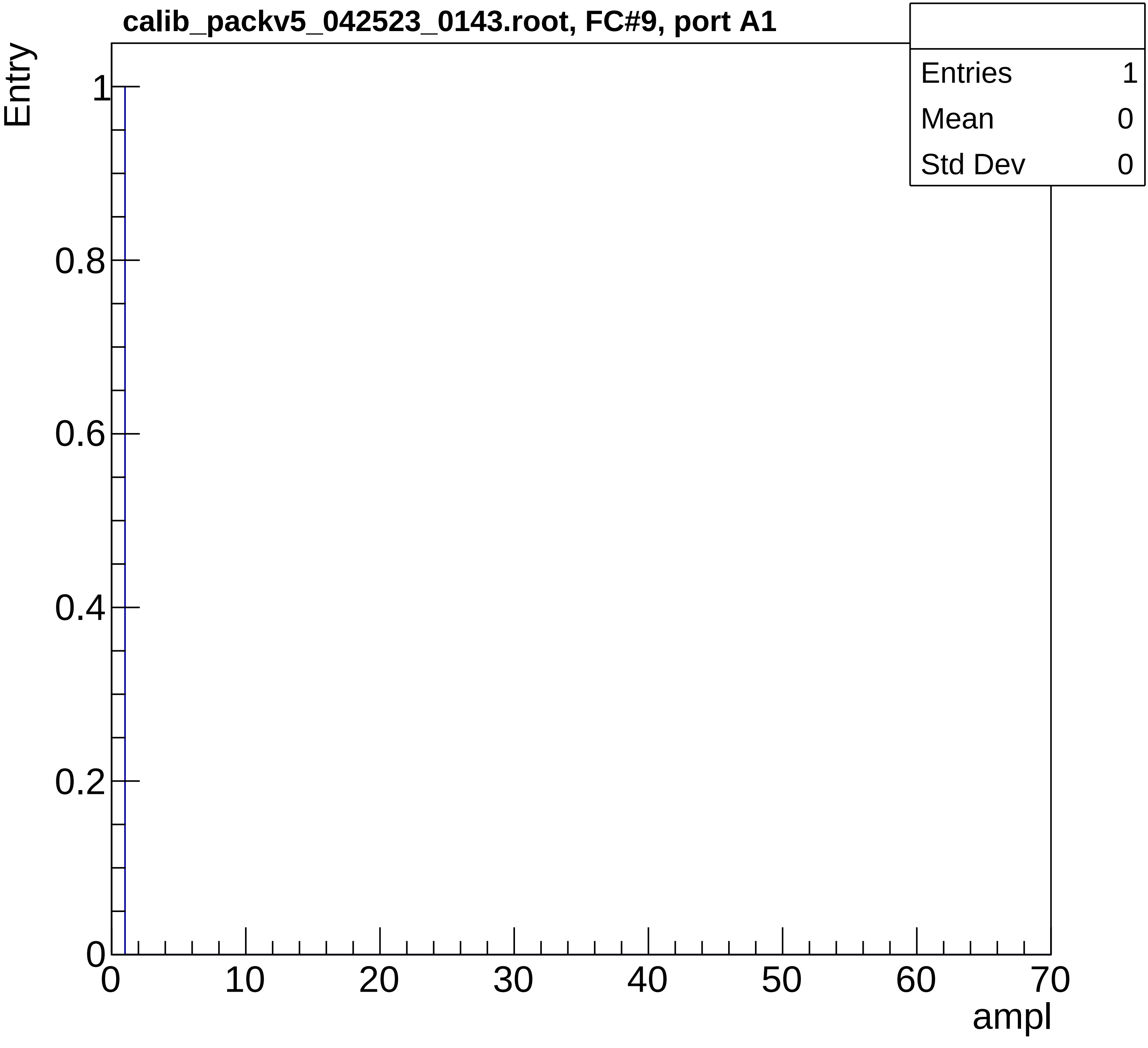


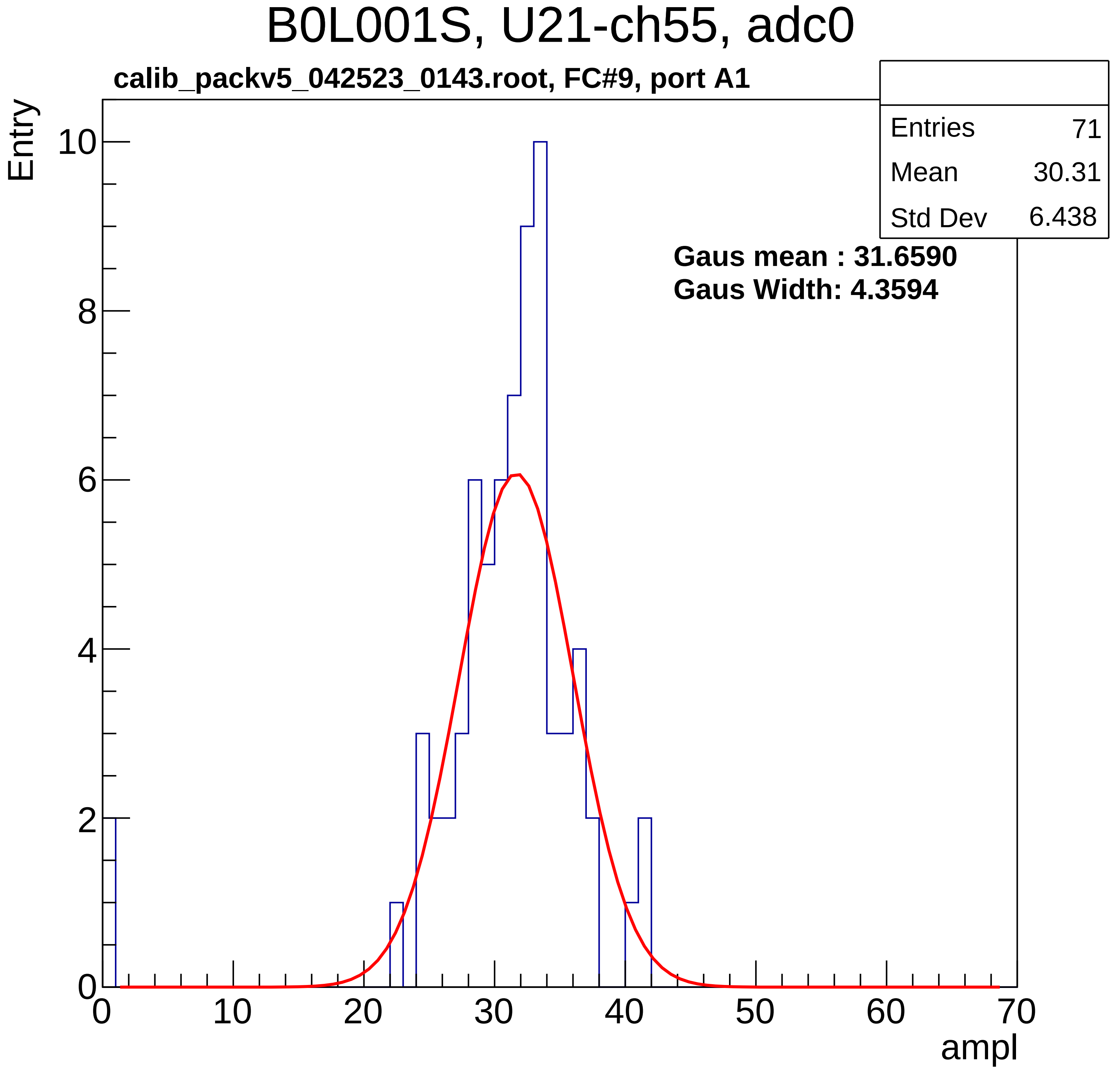
B0L001S, U21-ch54, adc6

calib_packv5_042523_0143.root, FC#9, port A1

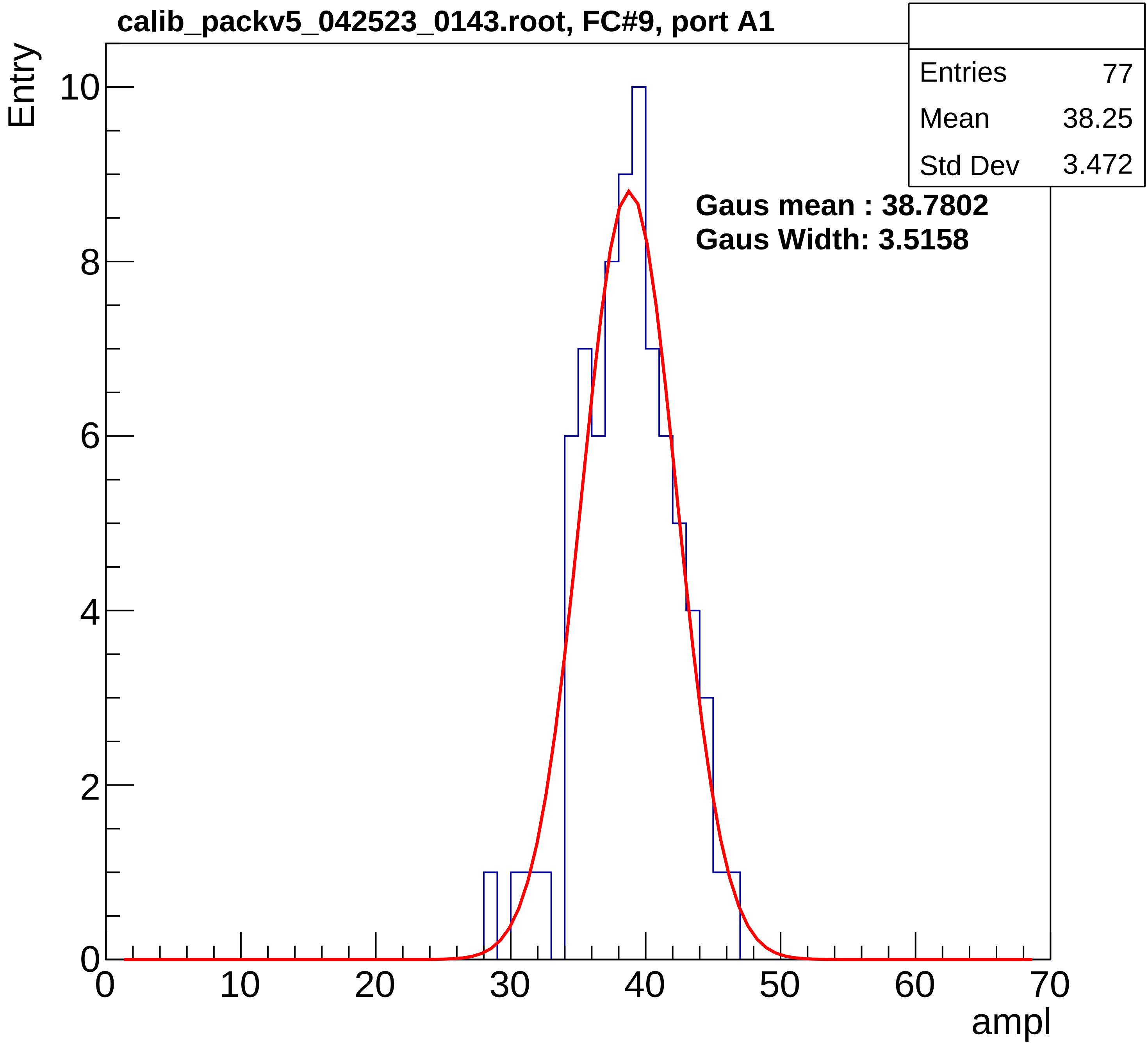


B0L001S, U21-ch54, adc7

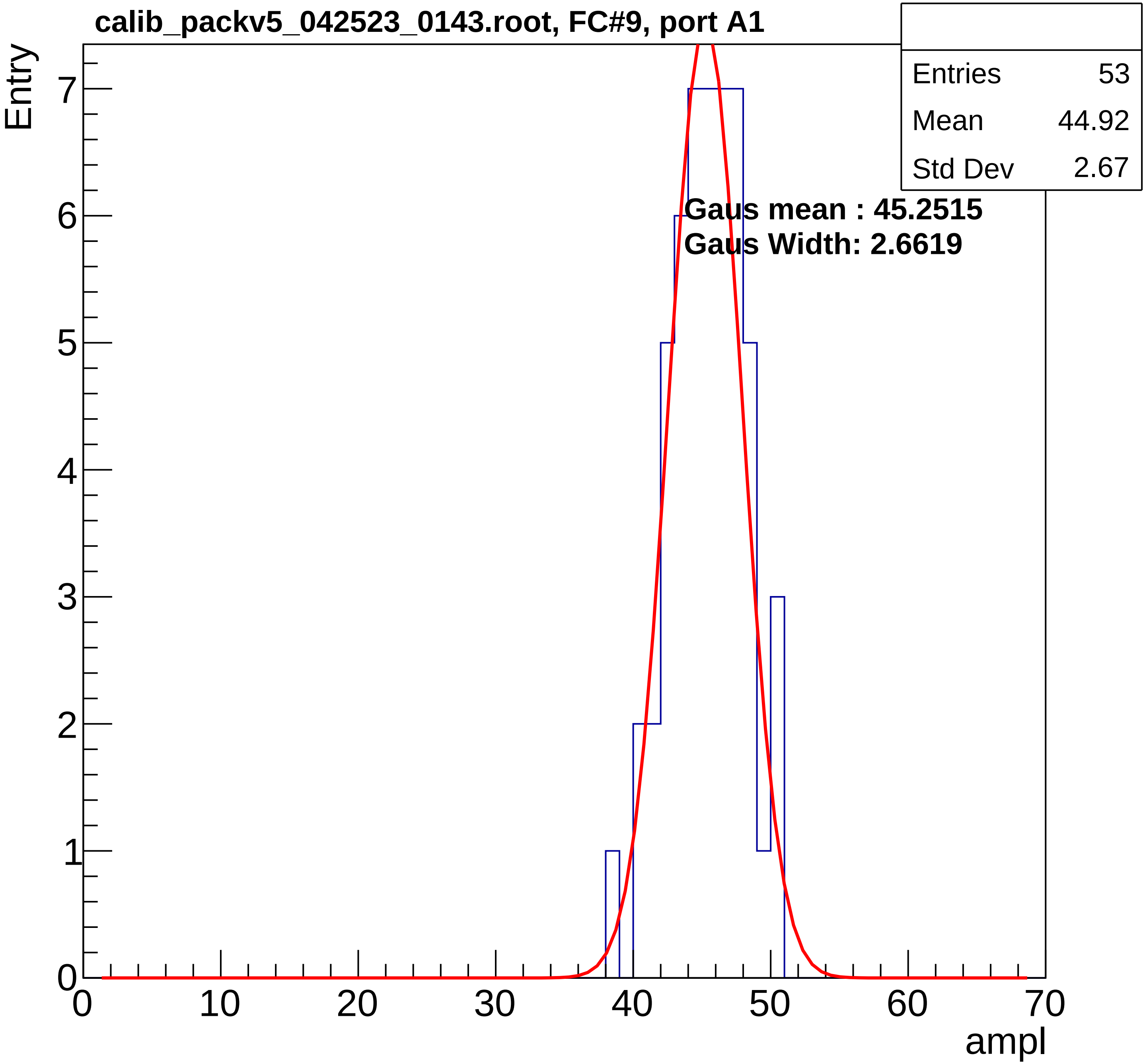



B0L001S, U21-ch55, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 30.31
Std Dev 6.438
Gaus mean : 31.6590
Gaus Width: 4.3594
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

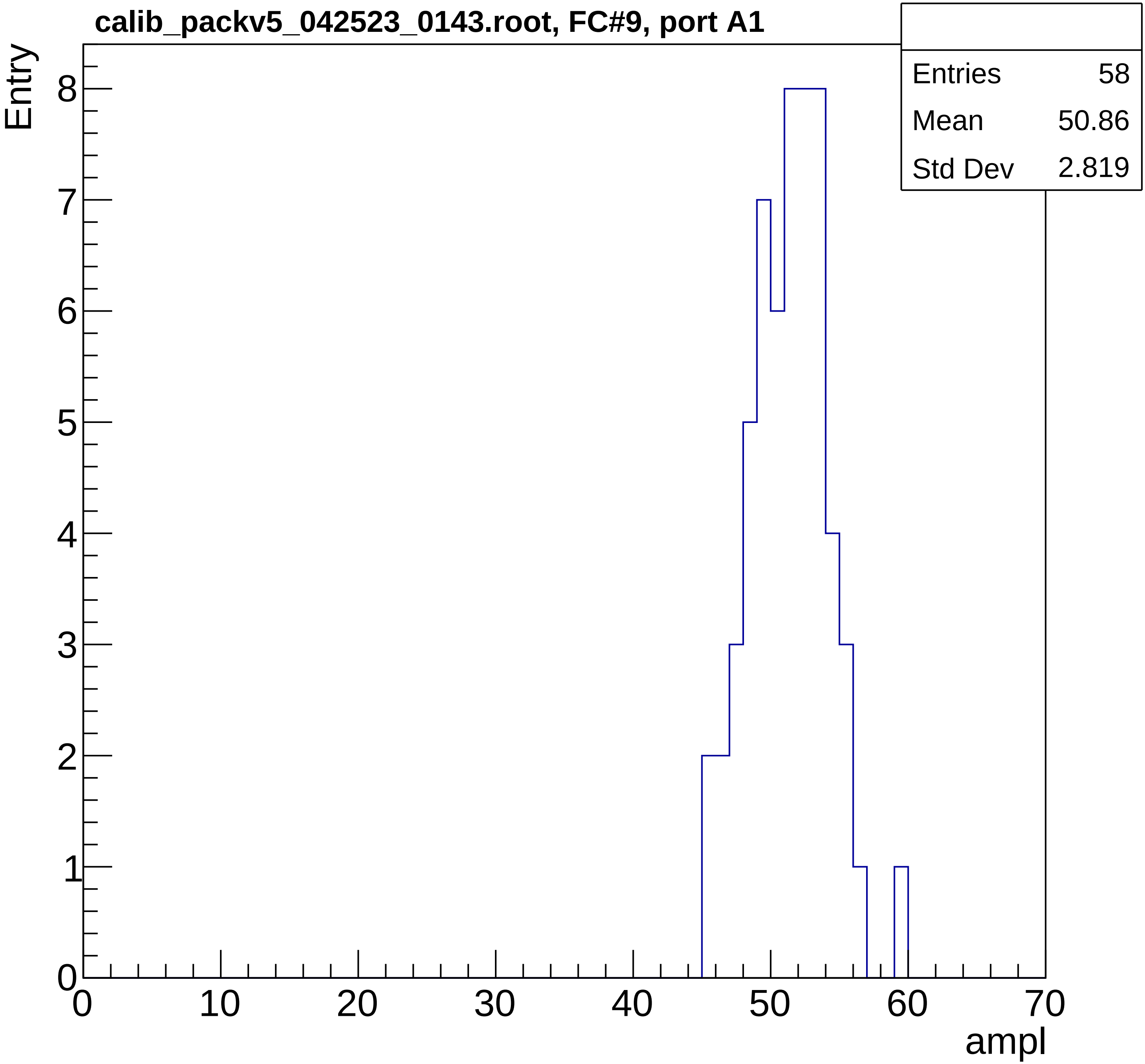
B0L001S, U21-ch55, adc1



B0L001S, U21-ch55, adc2

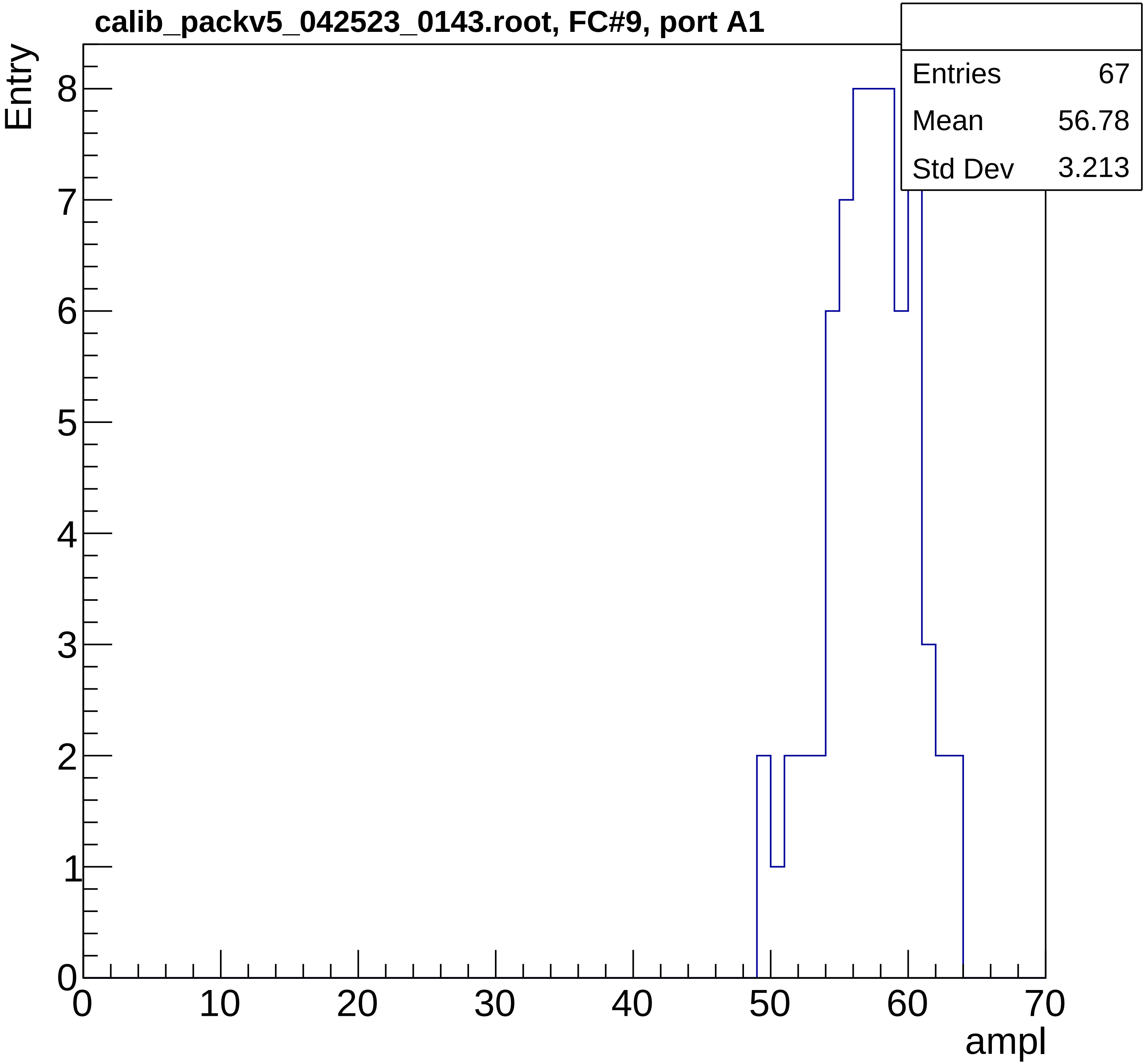


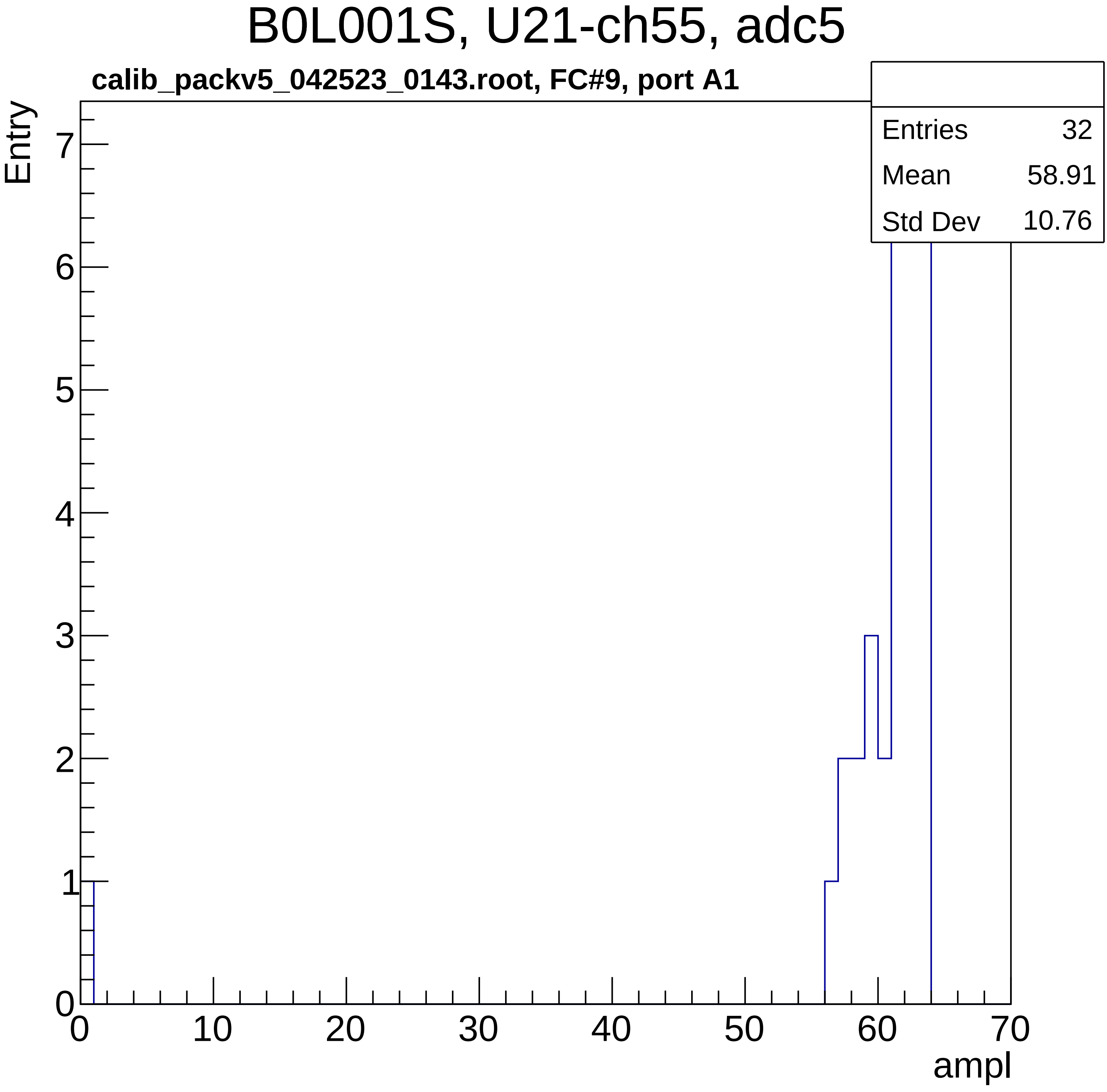
B0L001S, U21-ch55, adc3

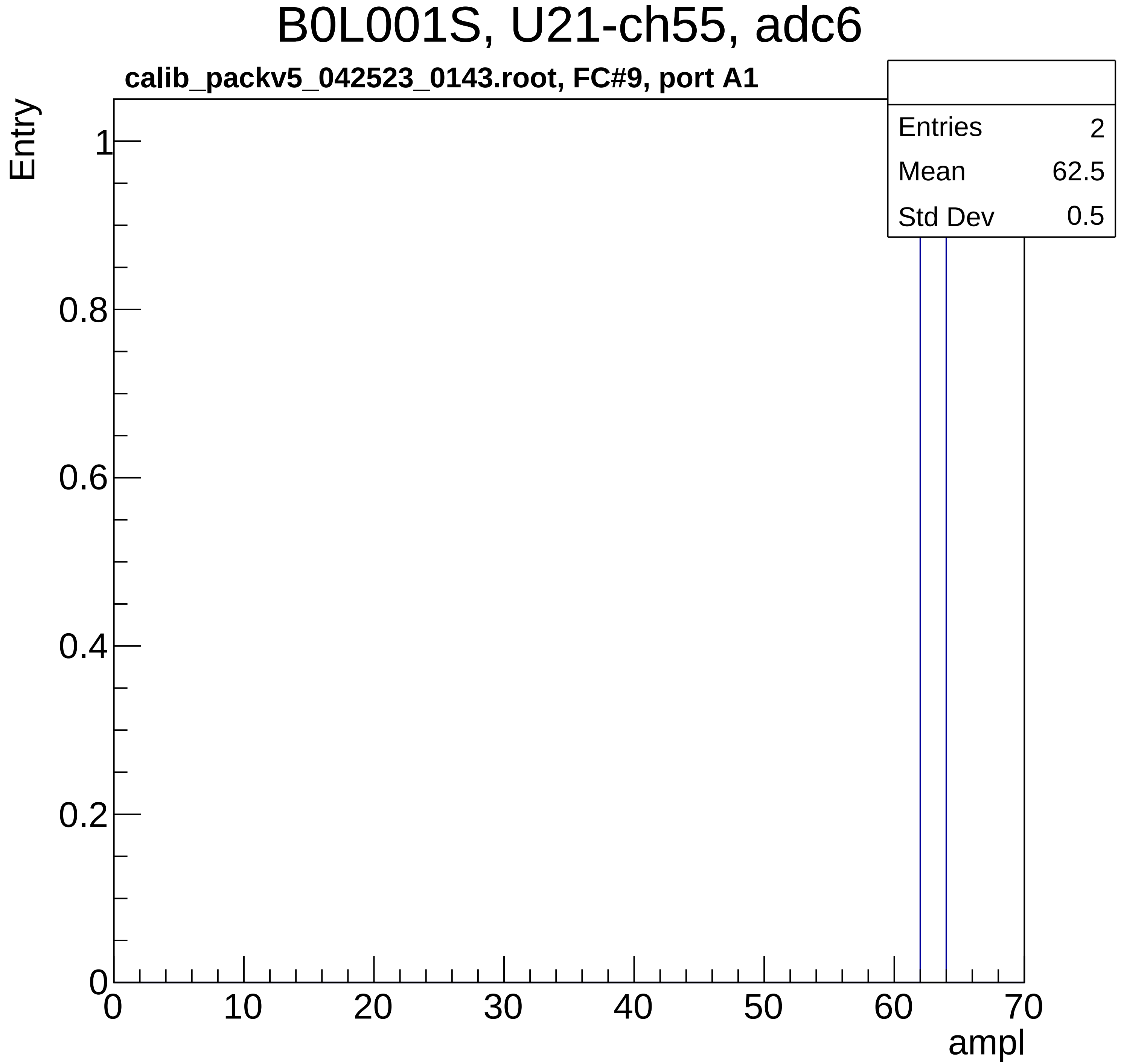


B0L001S, U21-ch55, adc4

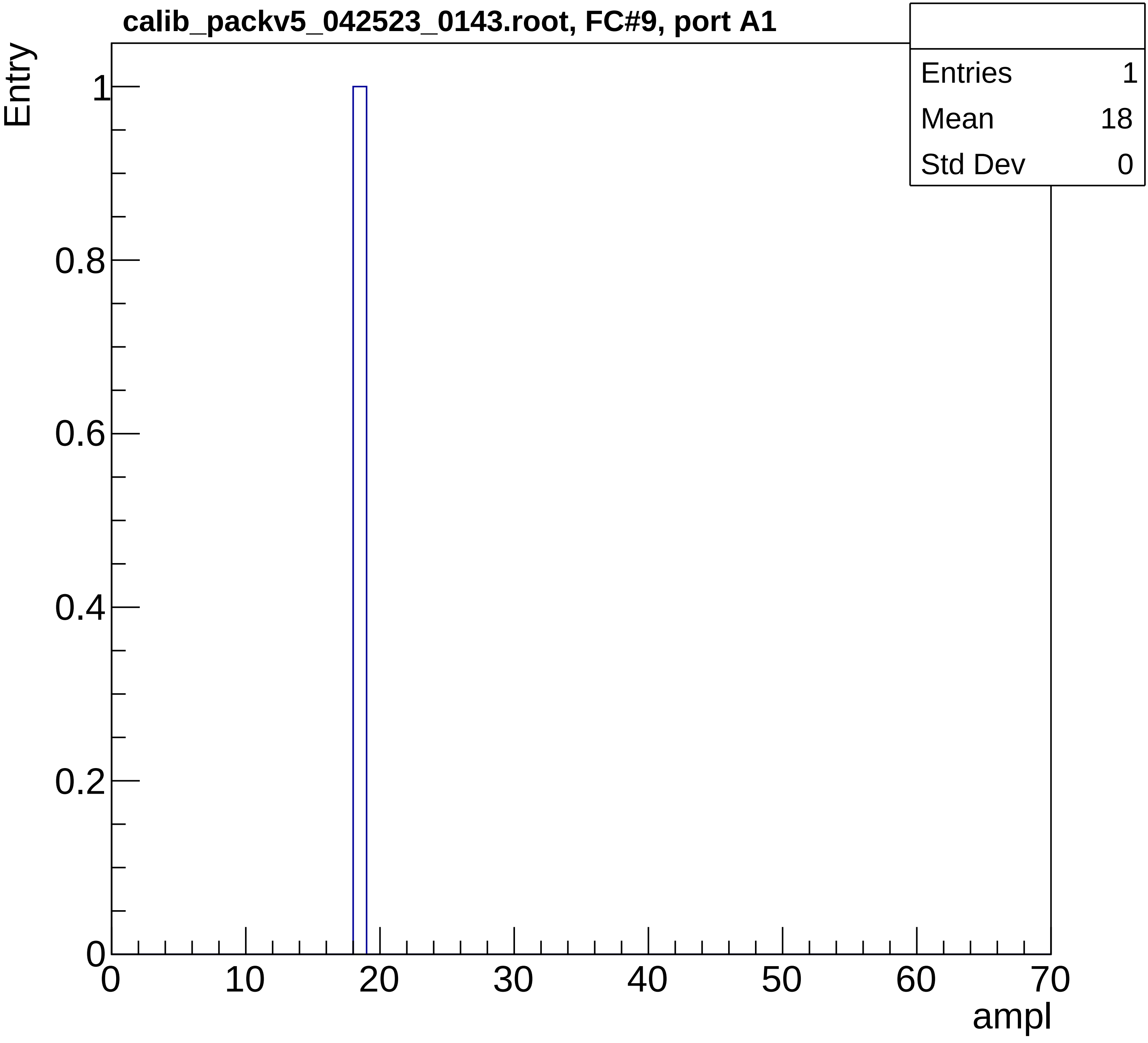
calib_packv5_042523_0143.root, FC#9, port A1

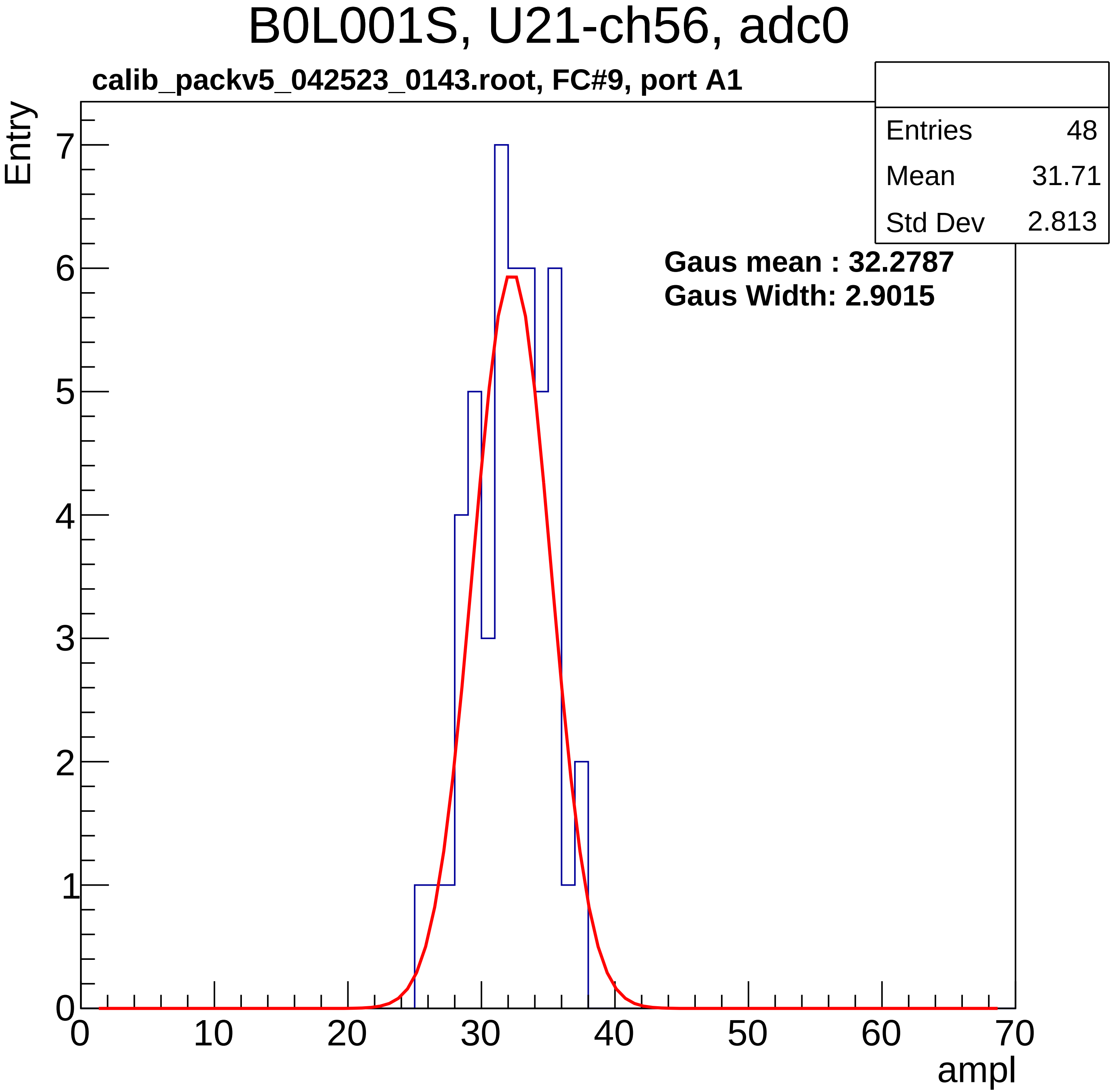


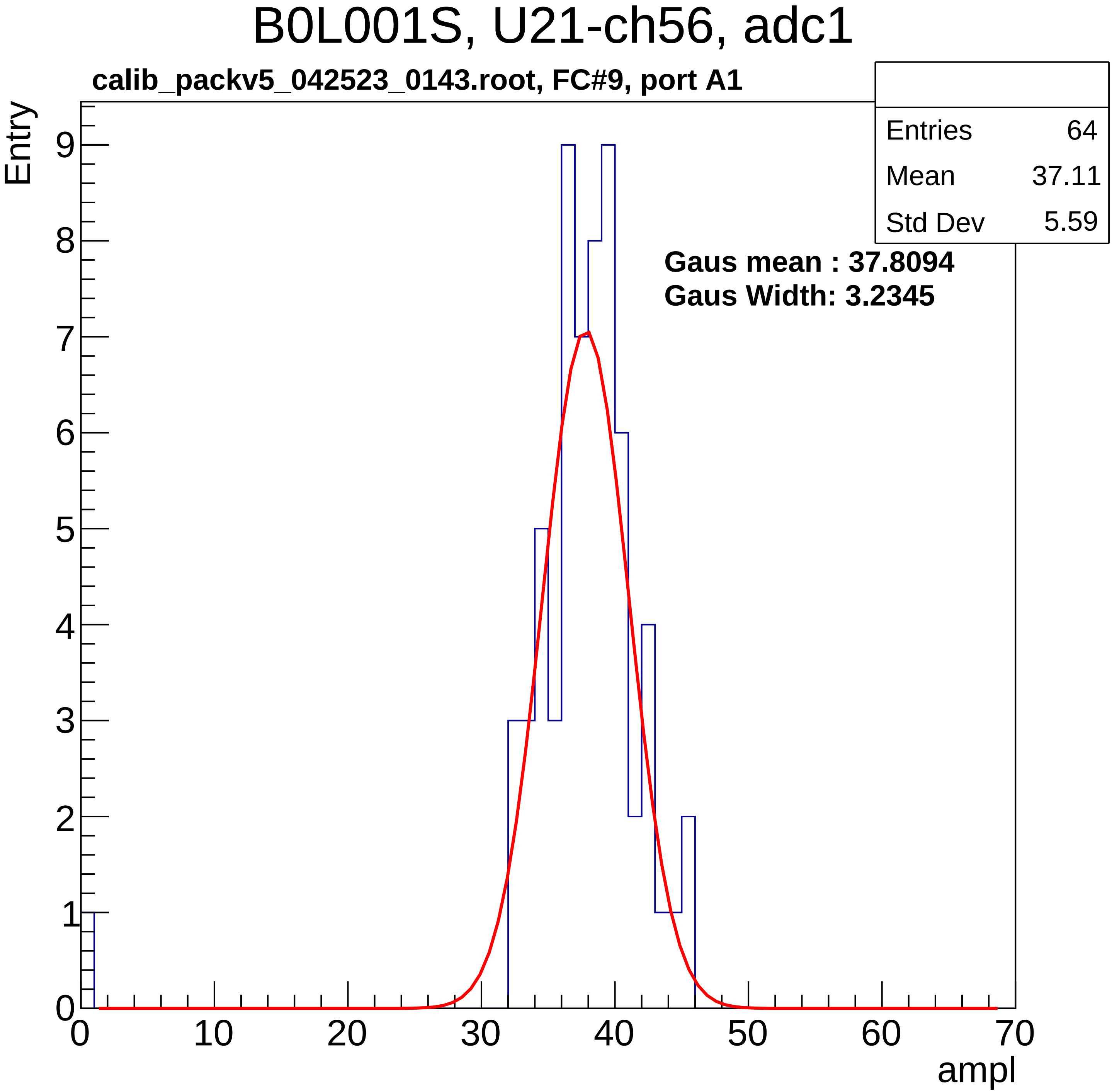

B0L001S, U21-ch55, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 58.91
Std Dev 10.76
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

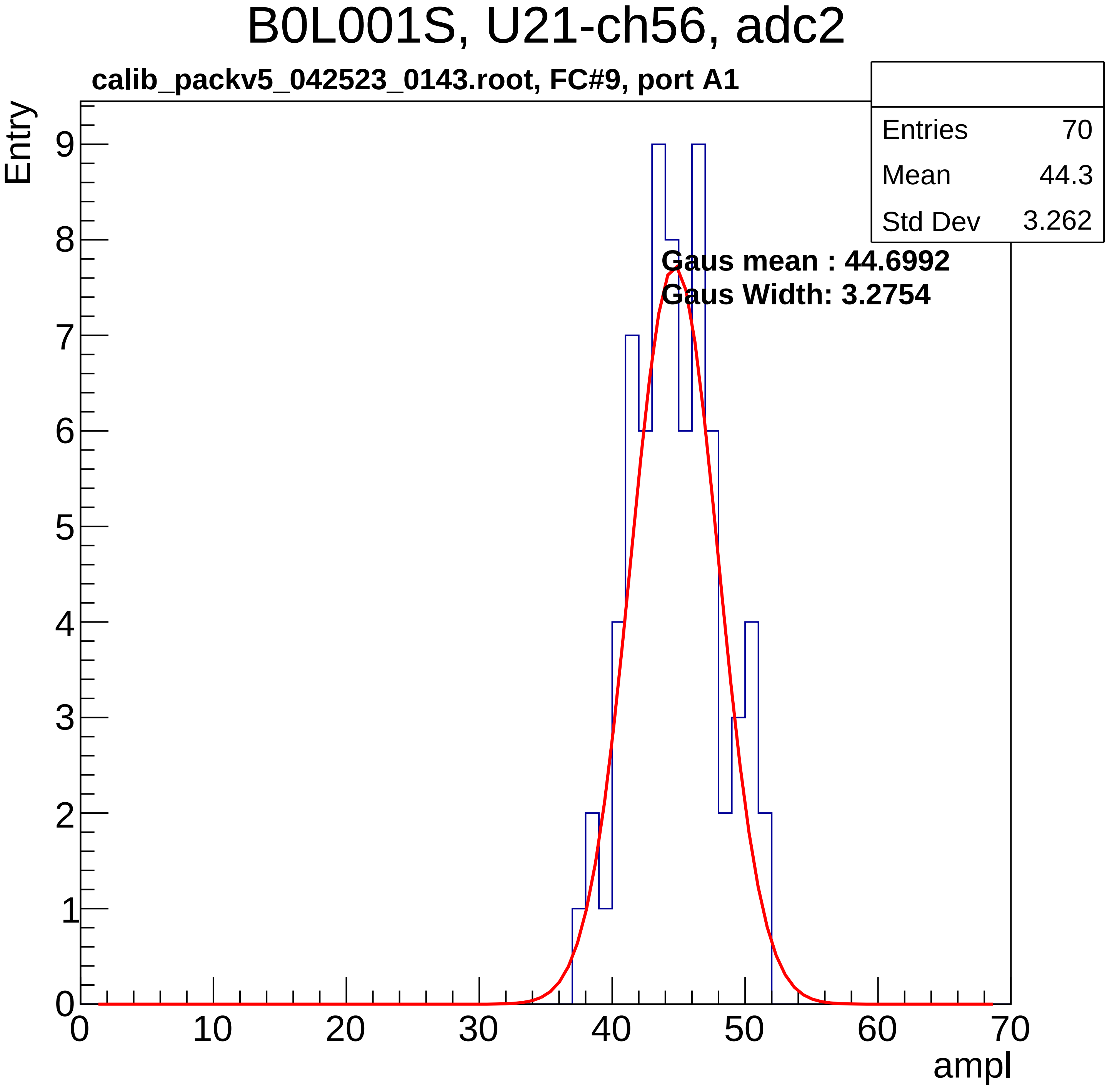

B0L001S, U21-ch55, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 2
Mean 62.5
Std Dev 0.5
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

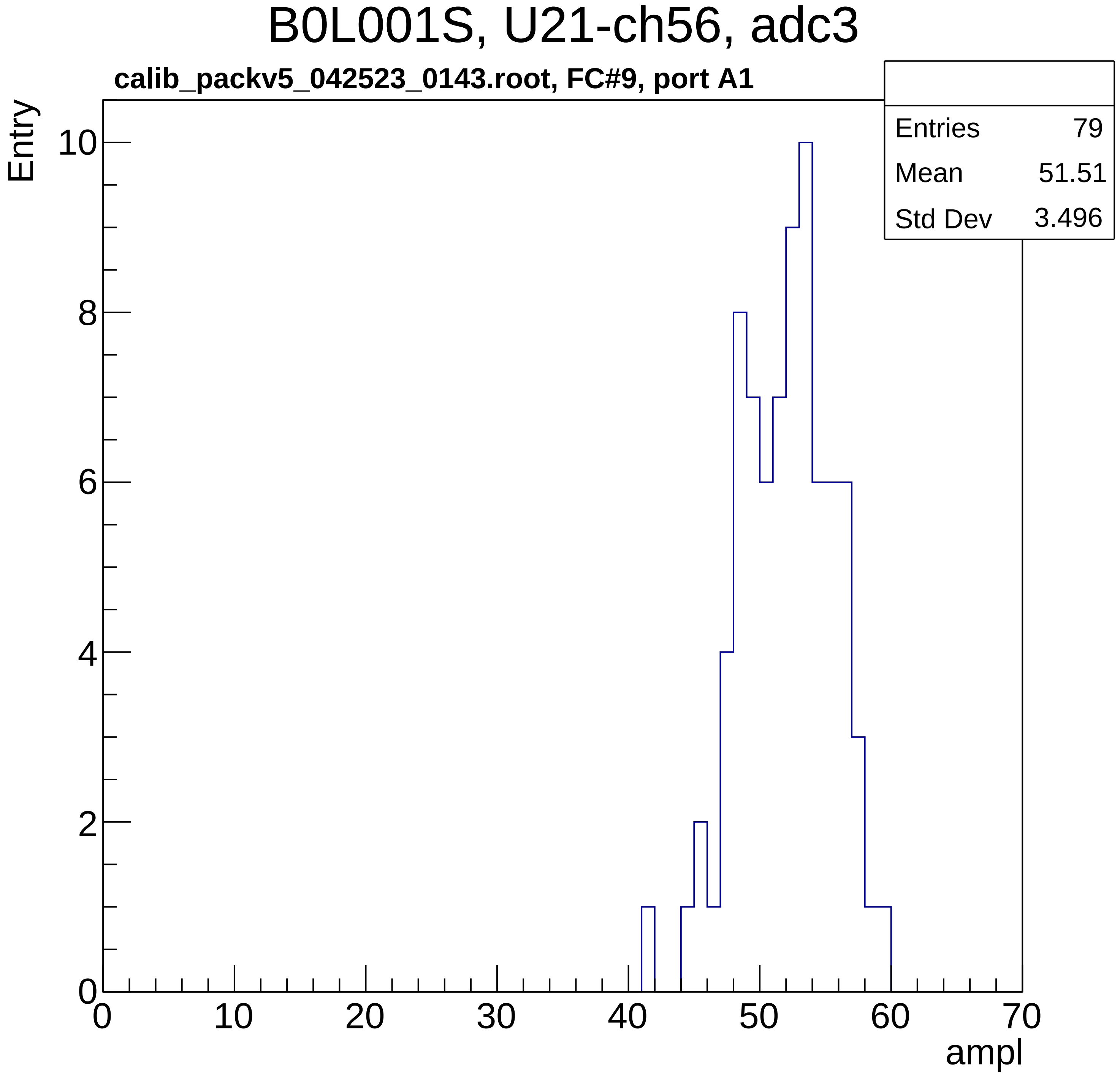
B0L001S, U21-ch55, adc7



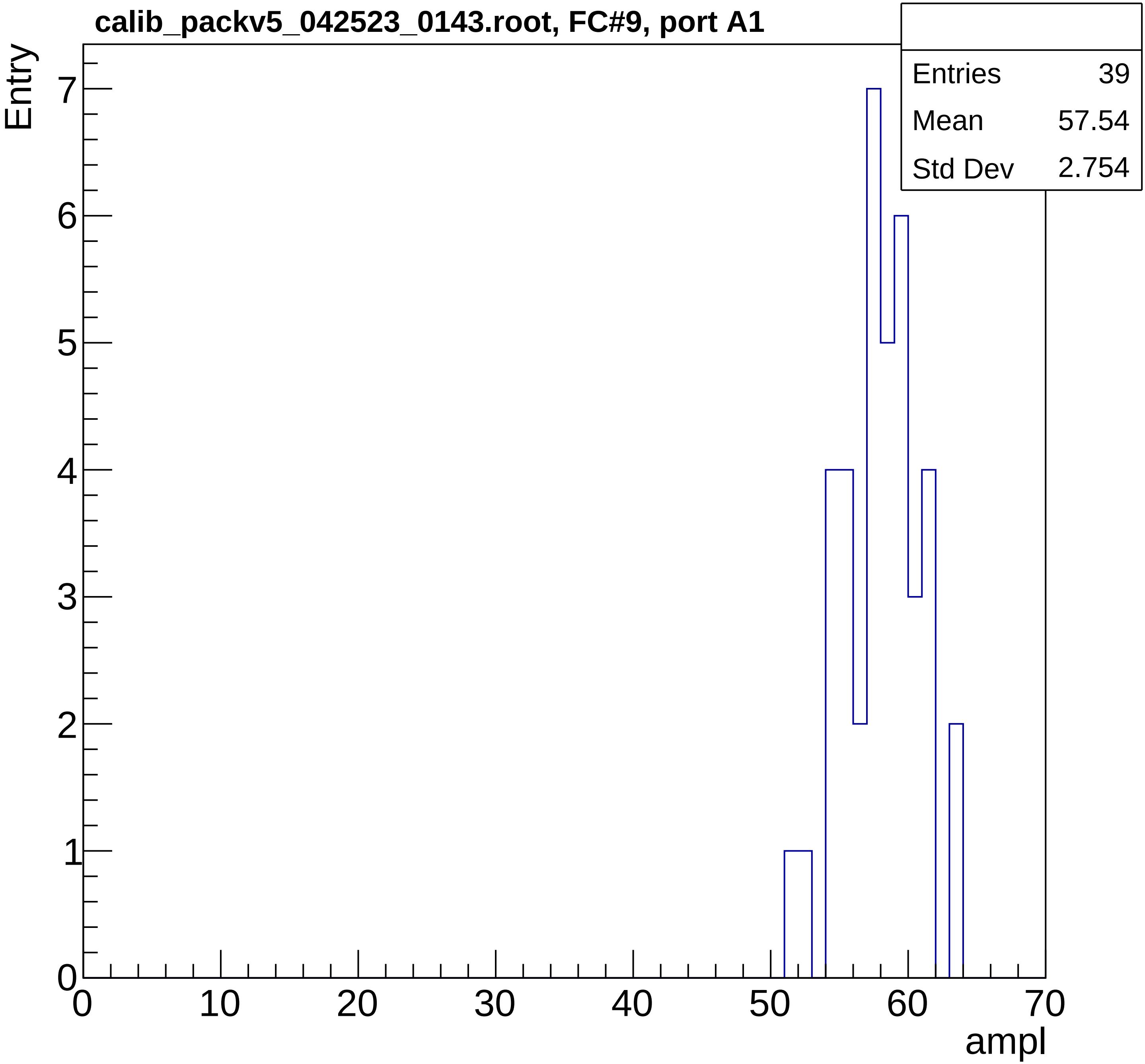

B0L001S, U21-ch56, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 31.71
Std Dev 2.813
Gaus mean : 32.2787
Gaus Width: 2.9015
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

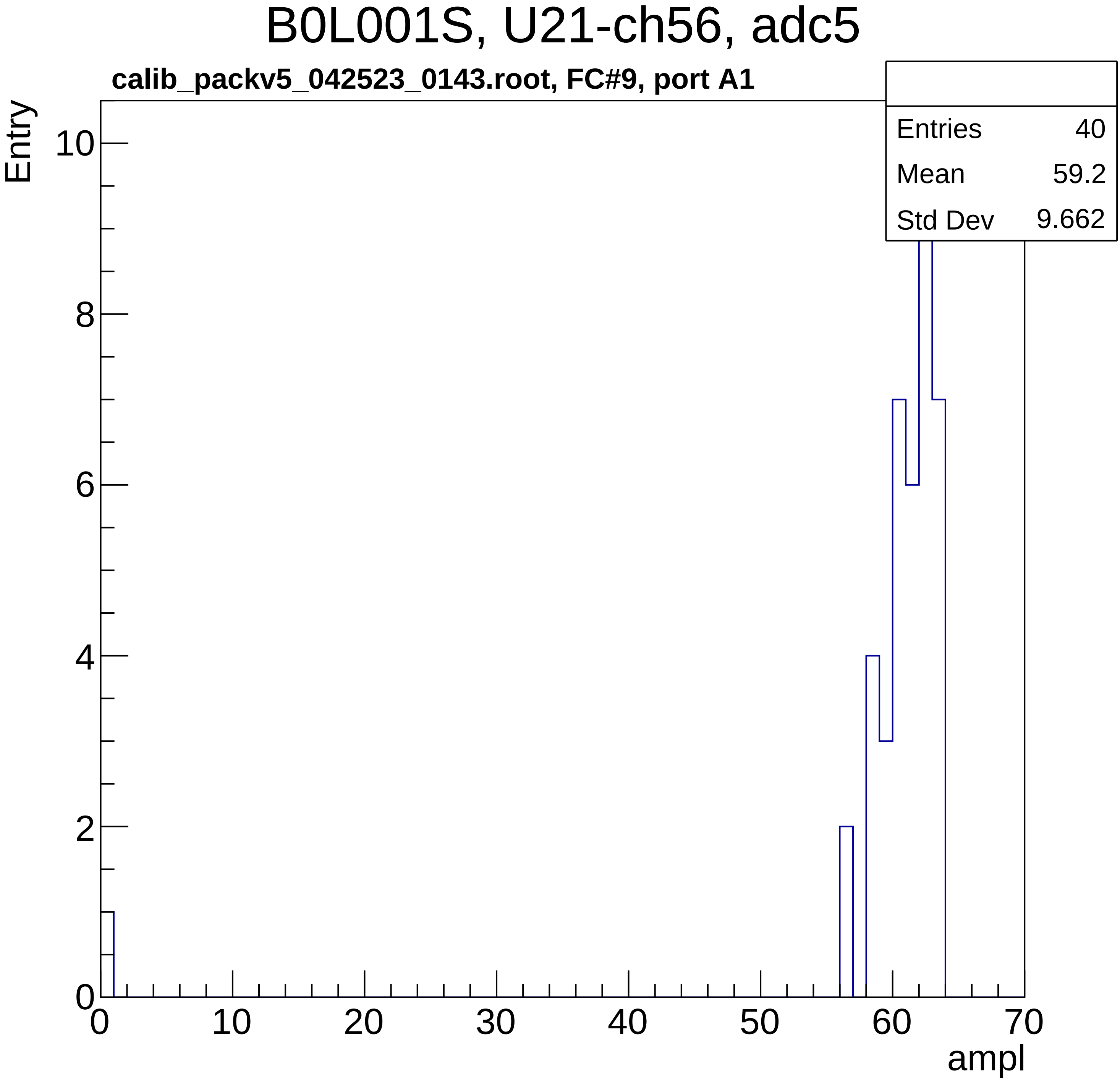

B0L001S, U21-ch56, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 37.11
Std Dev 5.59
Gaus mean : 37.8094
Gaus Width: 3.2345
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

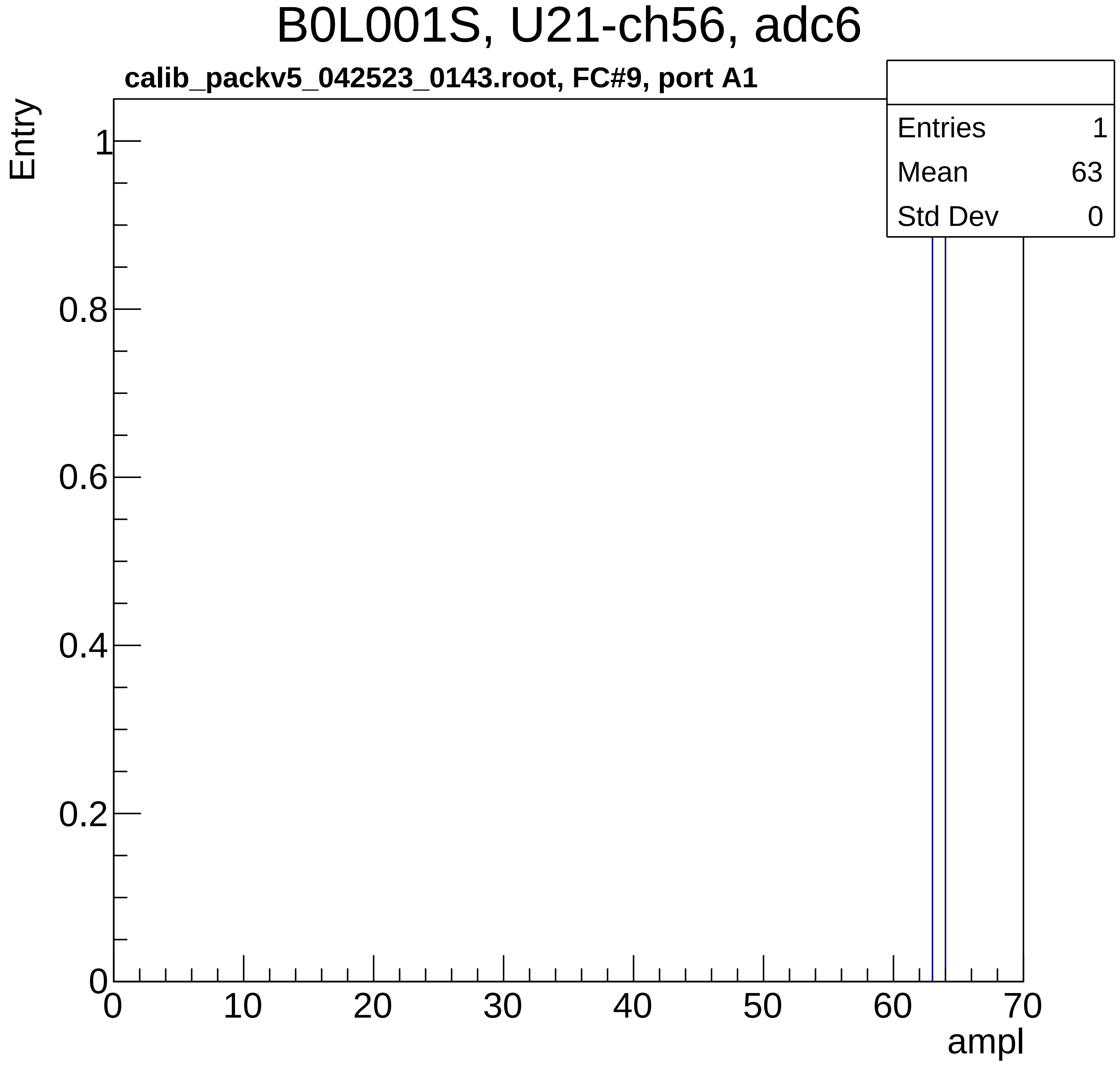

B0L001S, U21-ch56, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 44.3
Std Dev 3.262
Gaus mean : 44.6992
Gaus Width: 3.2754
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch56, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 51.51
Std Dev 3.496
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

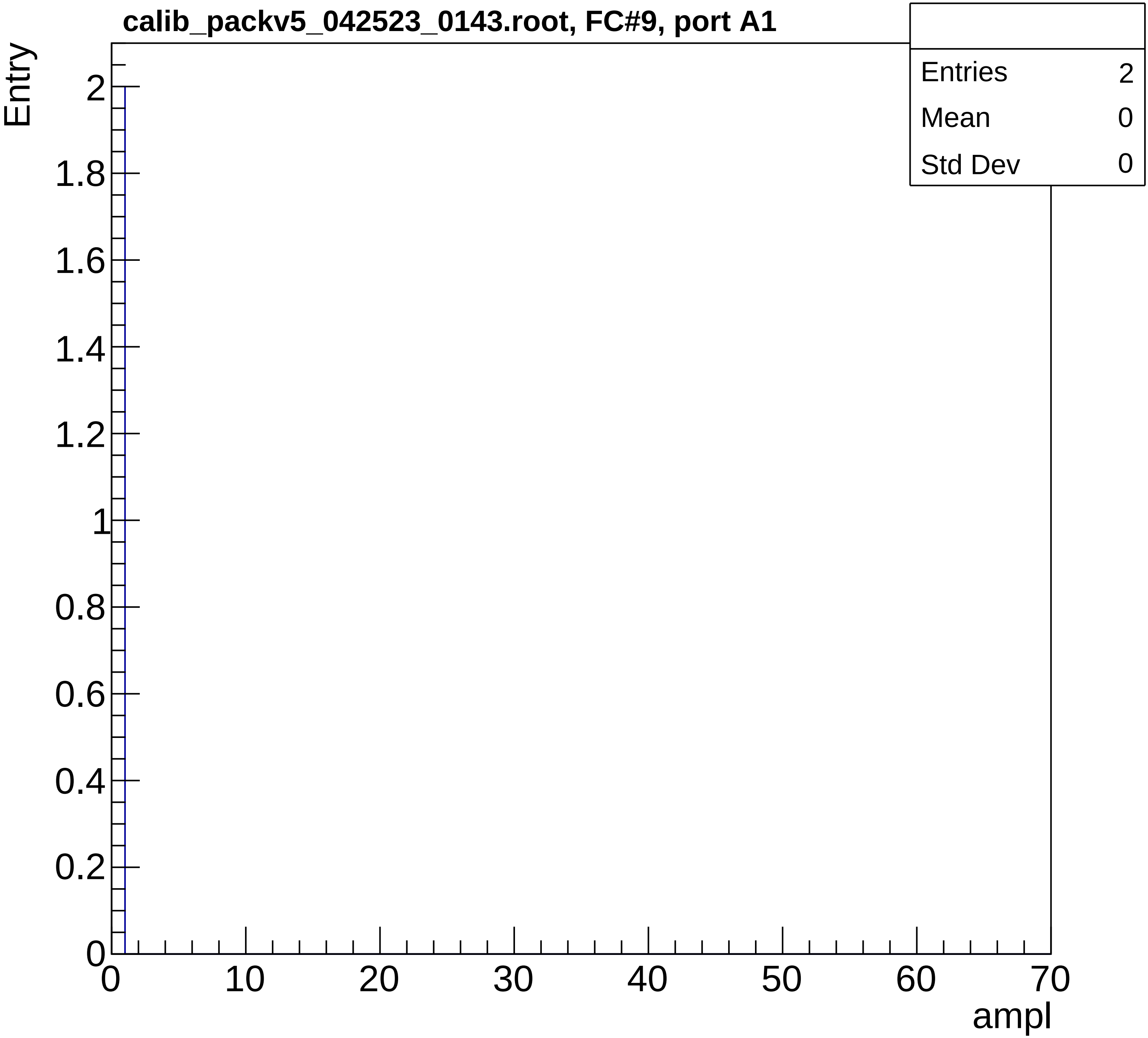
B0L001S, U21-ch56, adc4

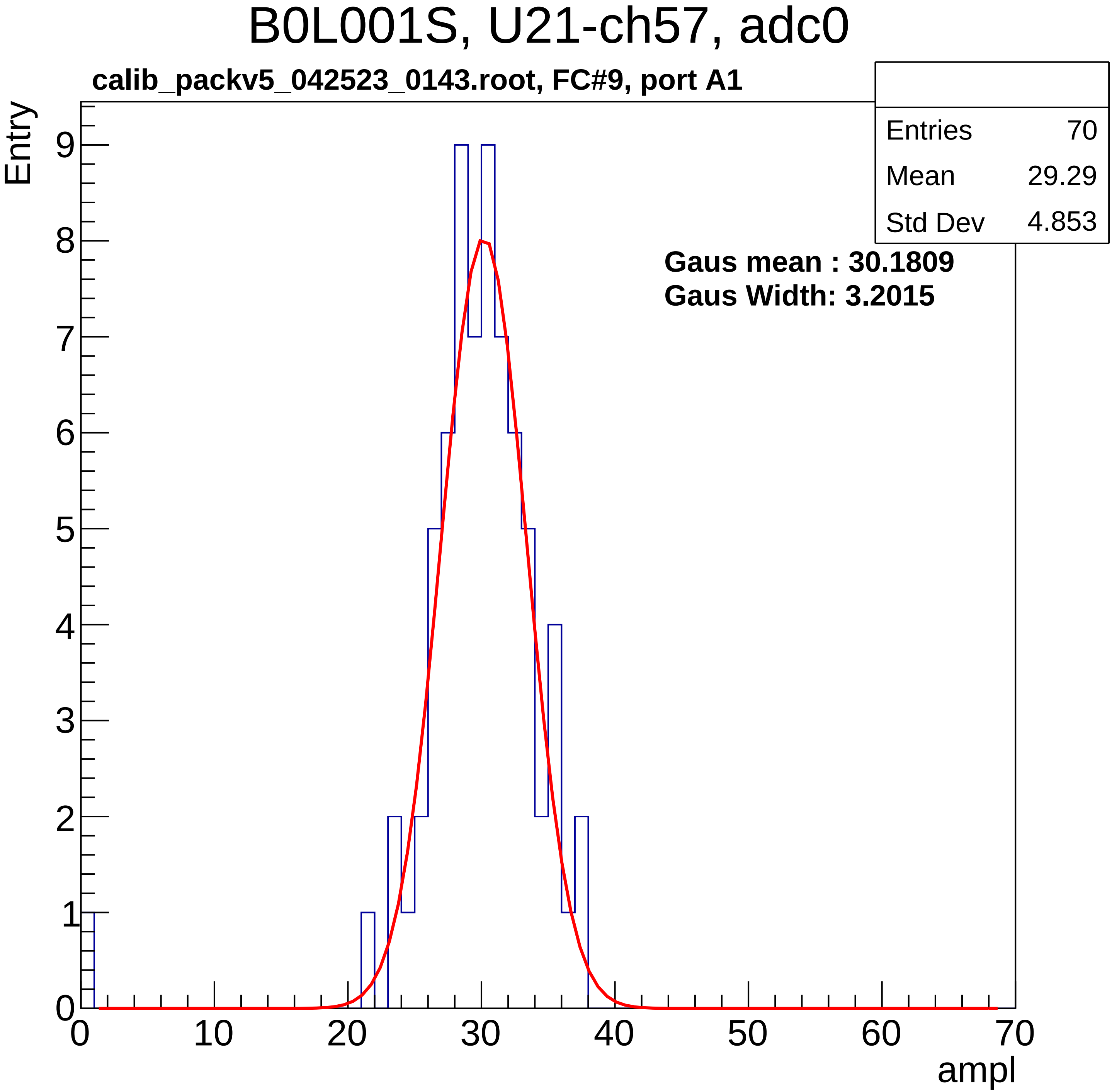


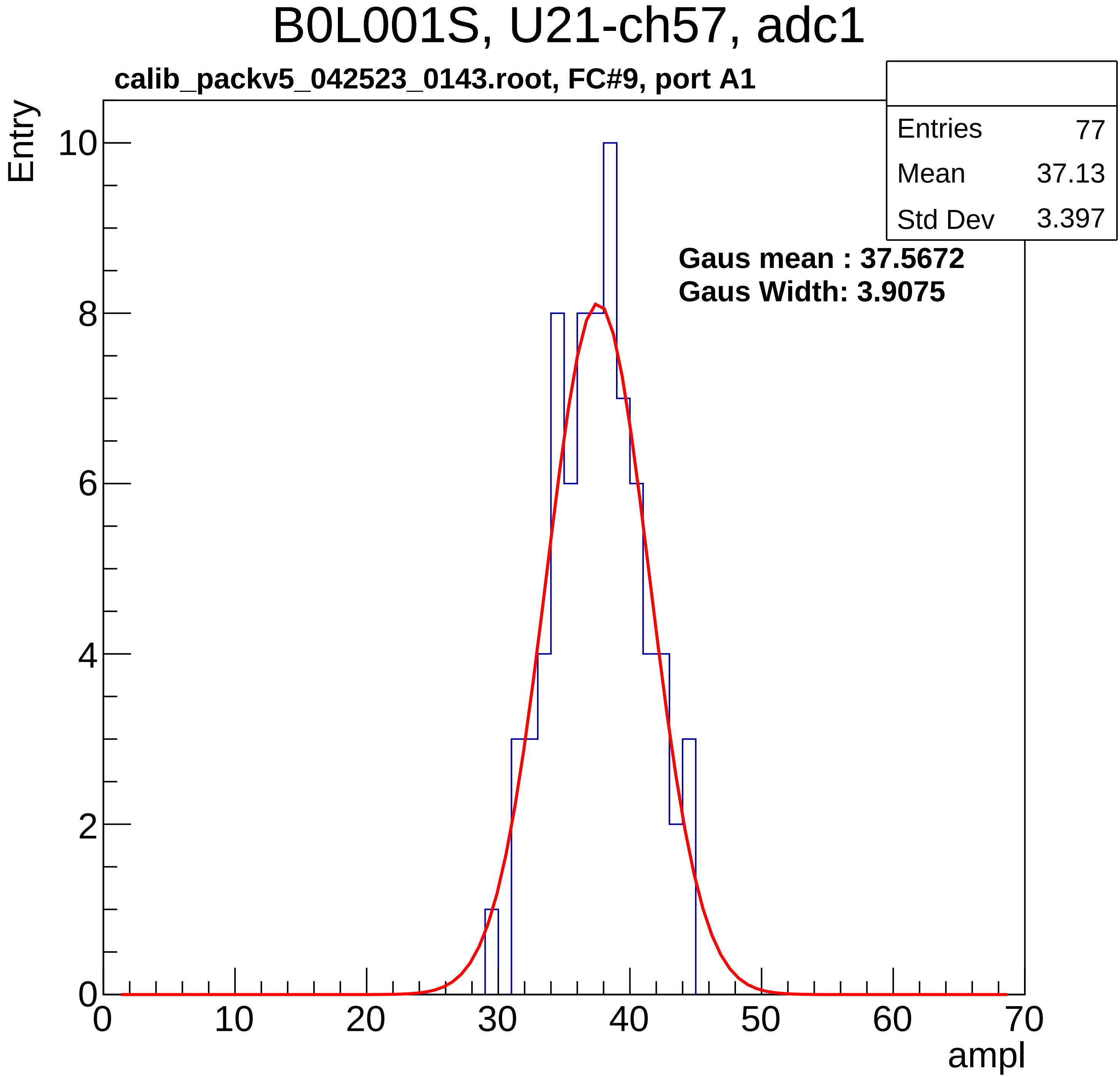

B0L001S, U21-ch56, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 59.2
Std Dev 9.662
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

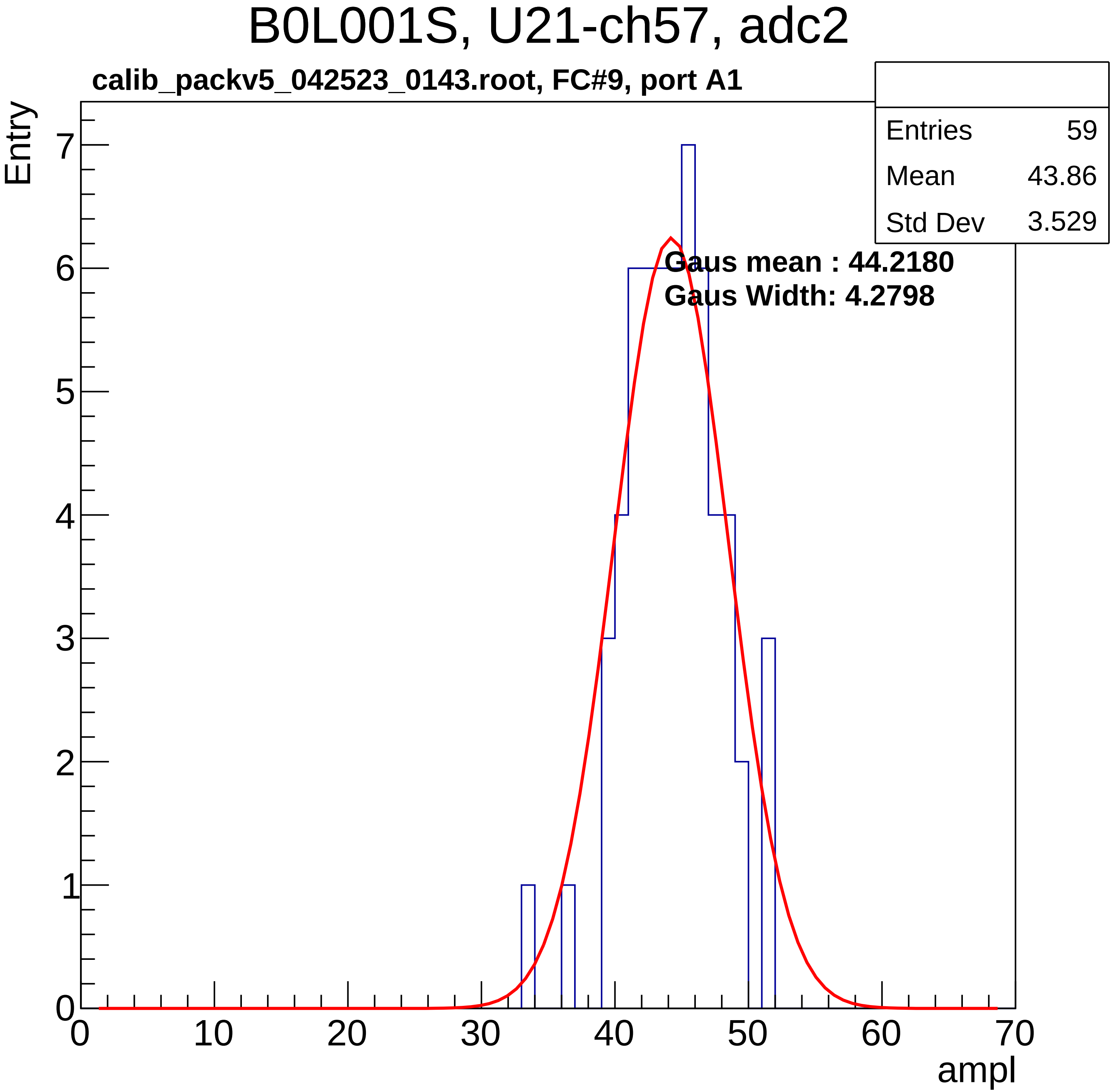

B0L001S, U21-ch56, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch56, adc7



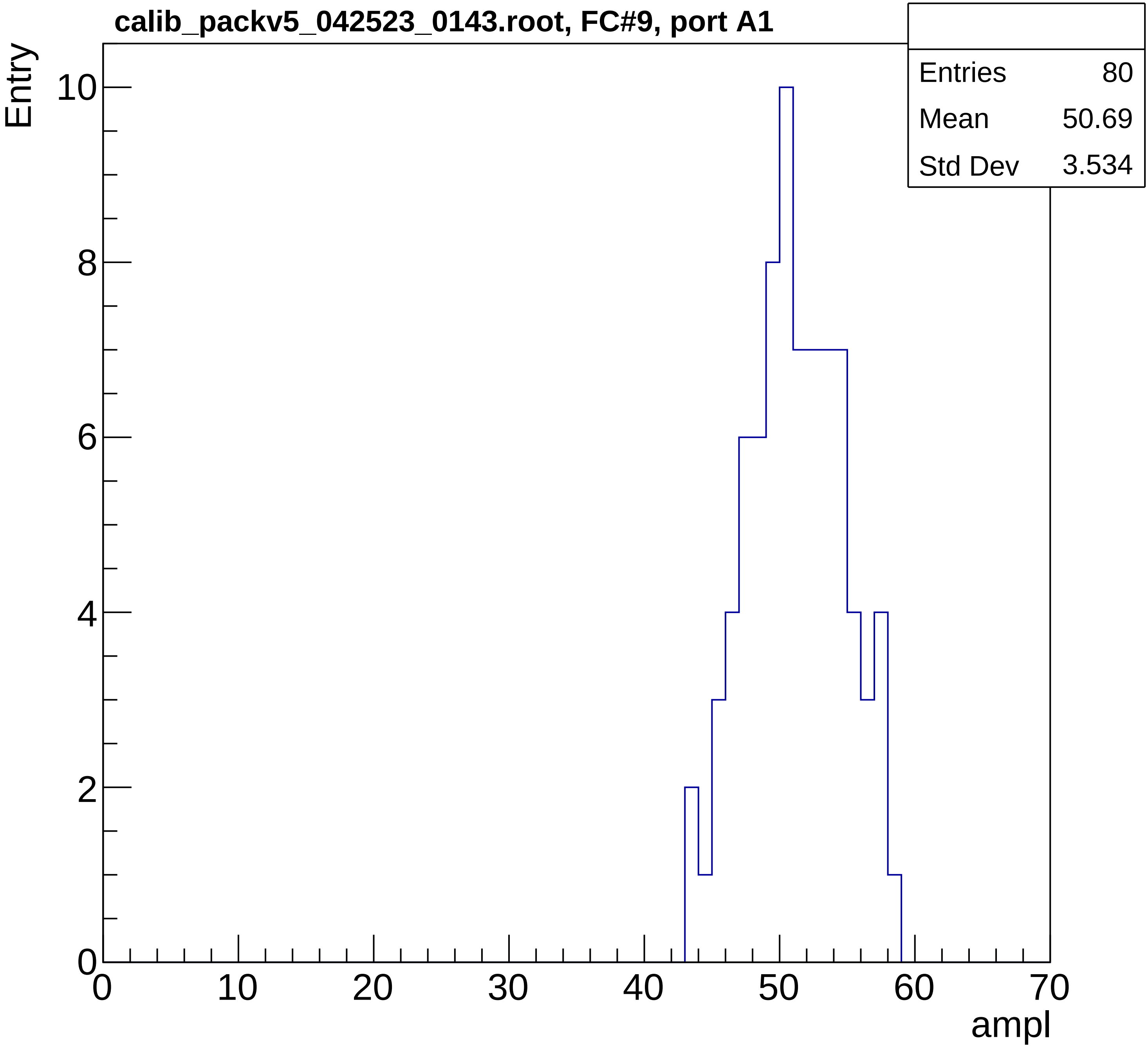

B0L001S, U21-ch57, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 29.29
Std Dev 4.853
Gaus mean : 30.1809
Gaus Width: 3.2015
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

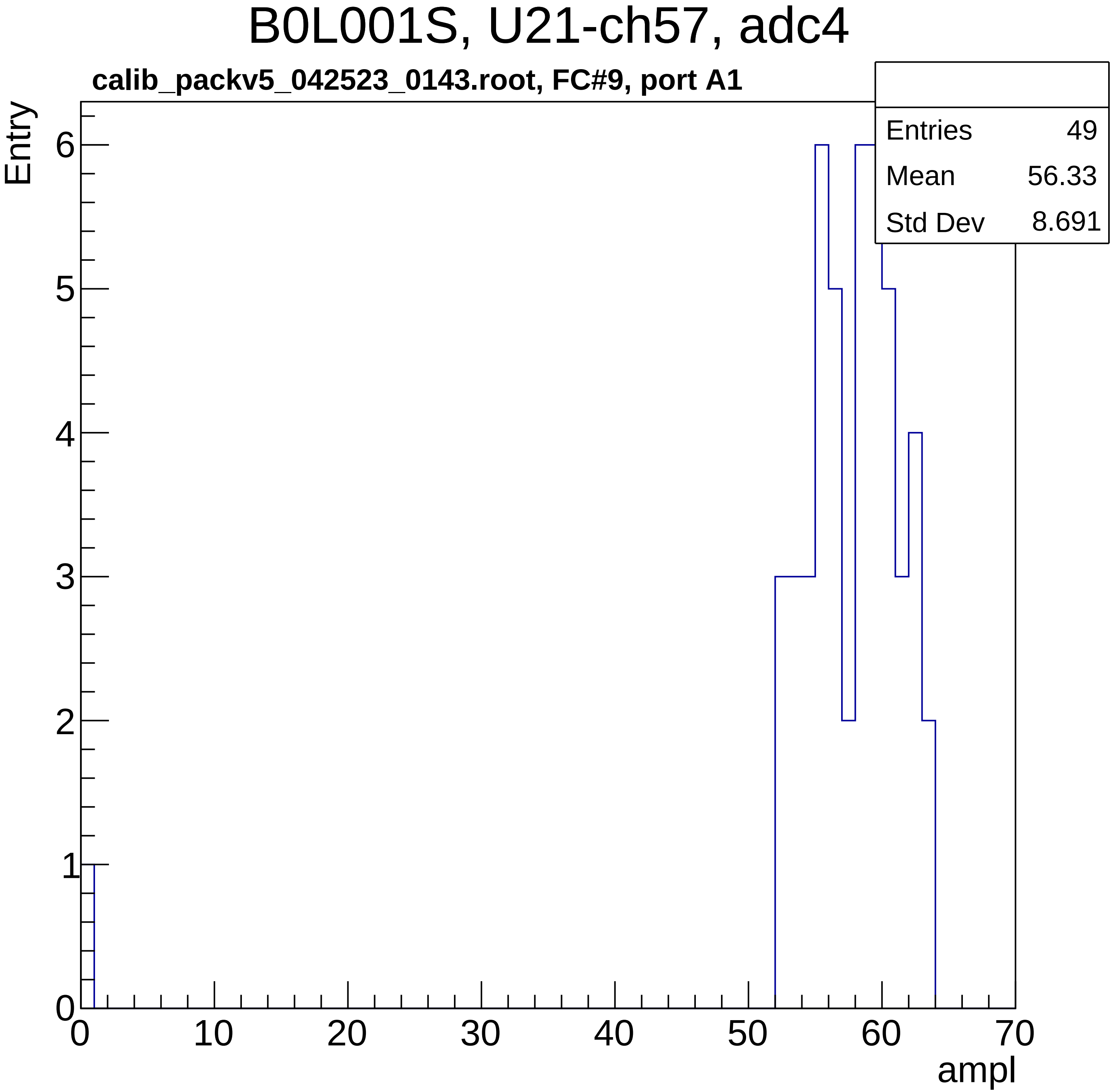

B0L001S, U21-ch57, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 37.13
Std Dev 3.397
Gaus mean : 37.5672
Gaus Width: 3.9075
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

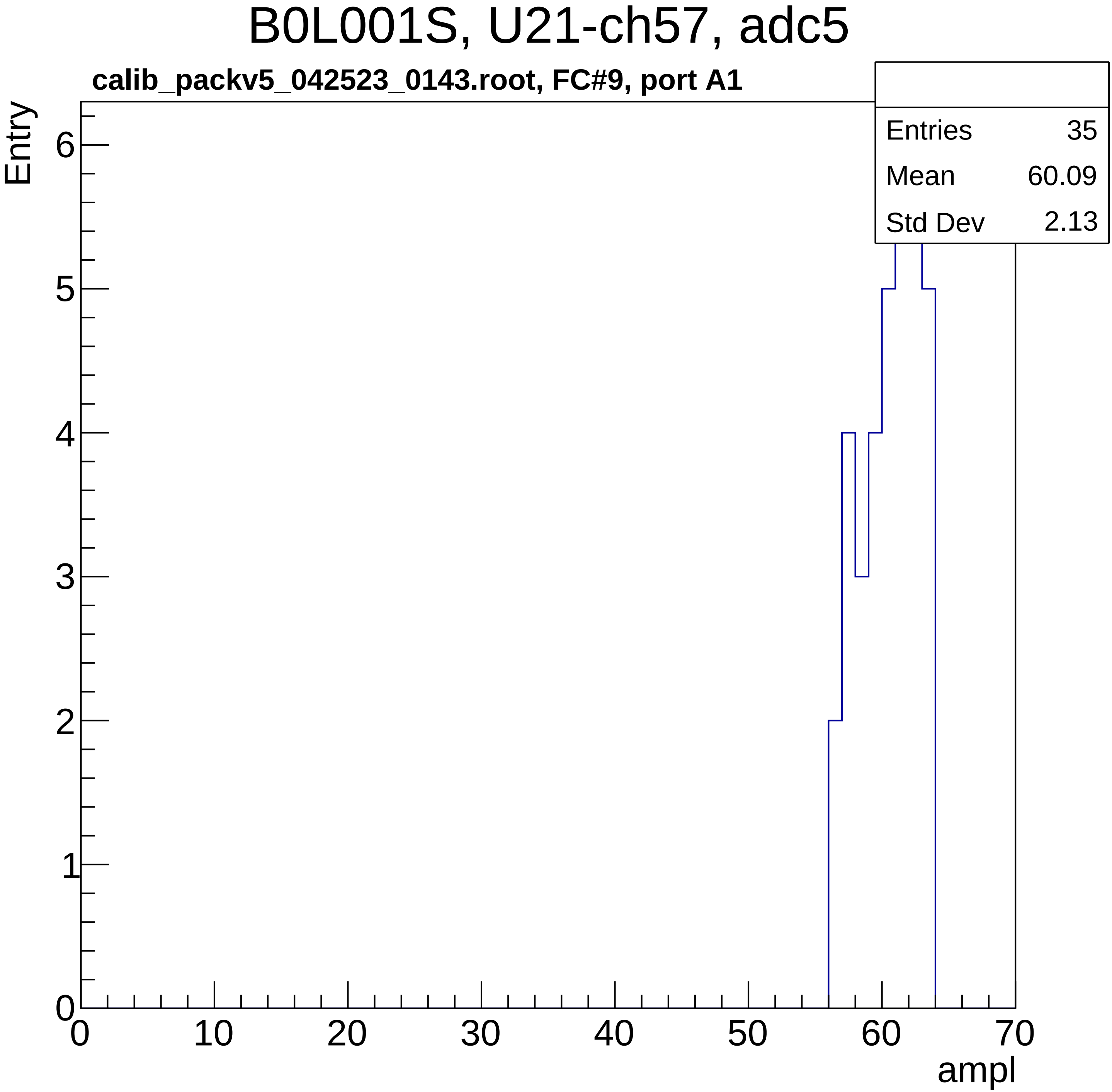

B0L001S, U21-ch57, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 43.86
Std Dev 3.529
Gaus mean : 44.2180
Gaus Width: 4.2798
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

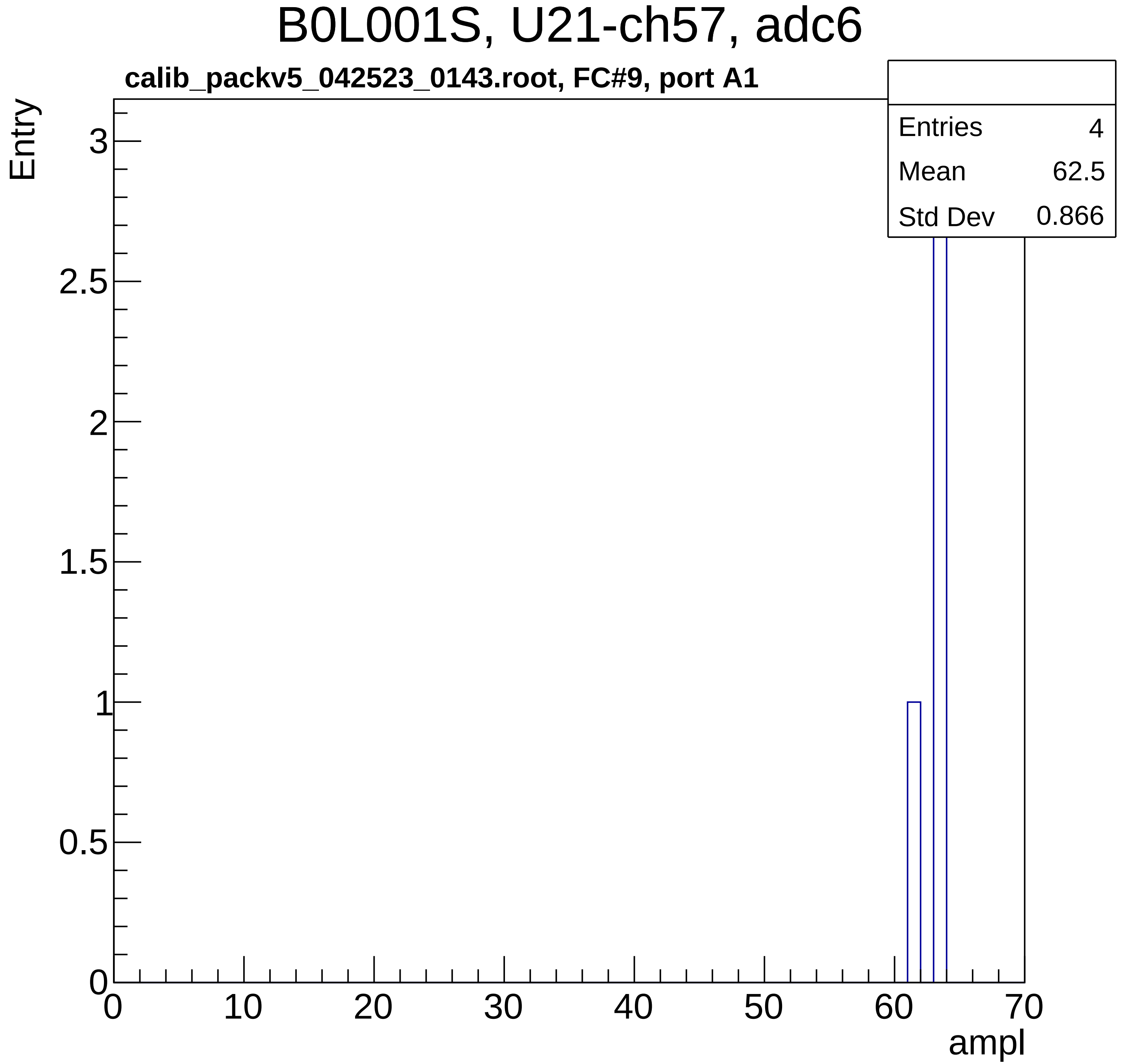
B0L001S, U21-ch57, adc3

calib_packv5_042523_0143.root, FC#9, port A1

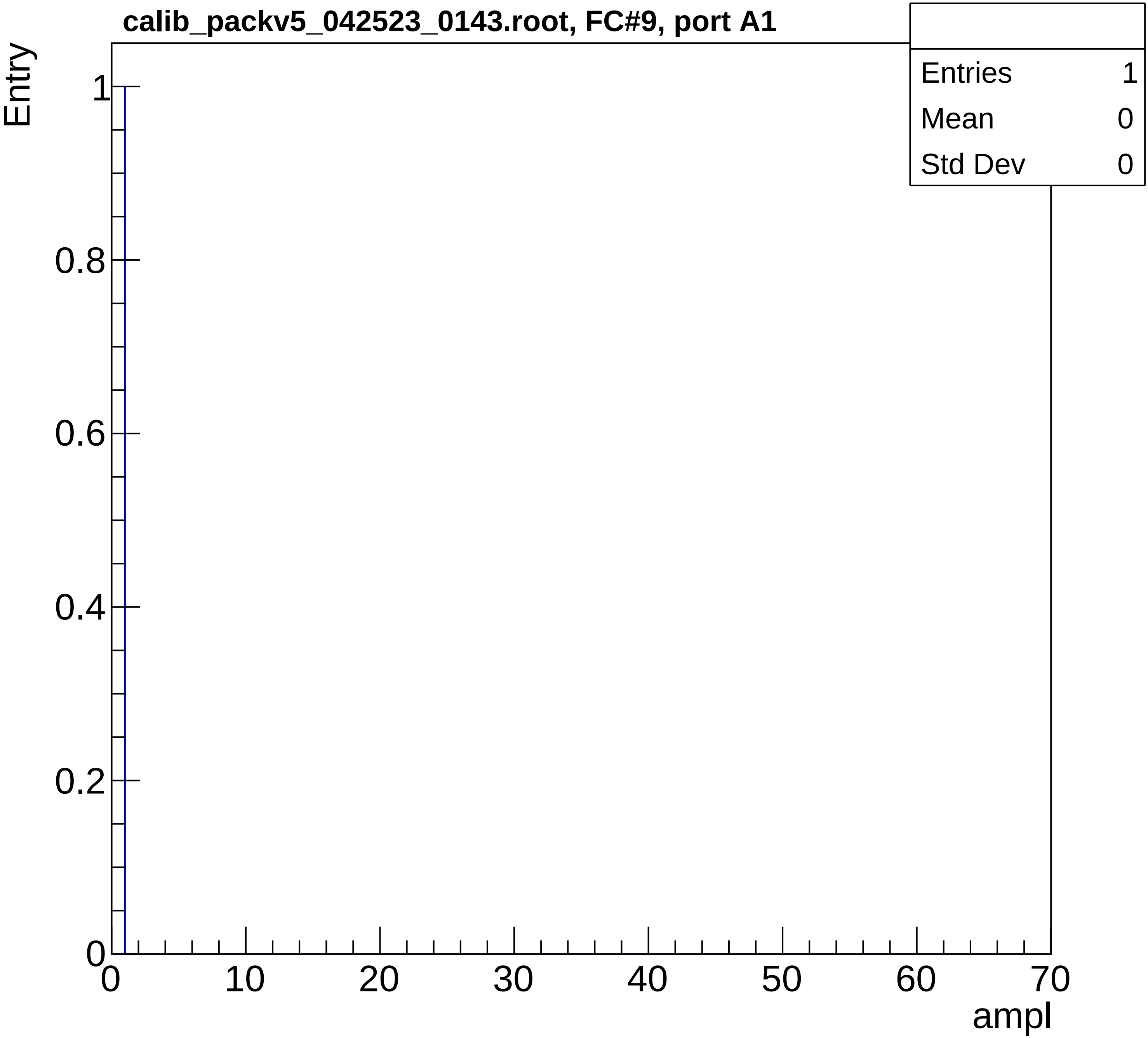


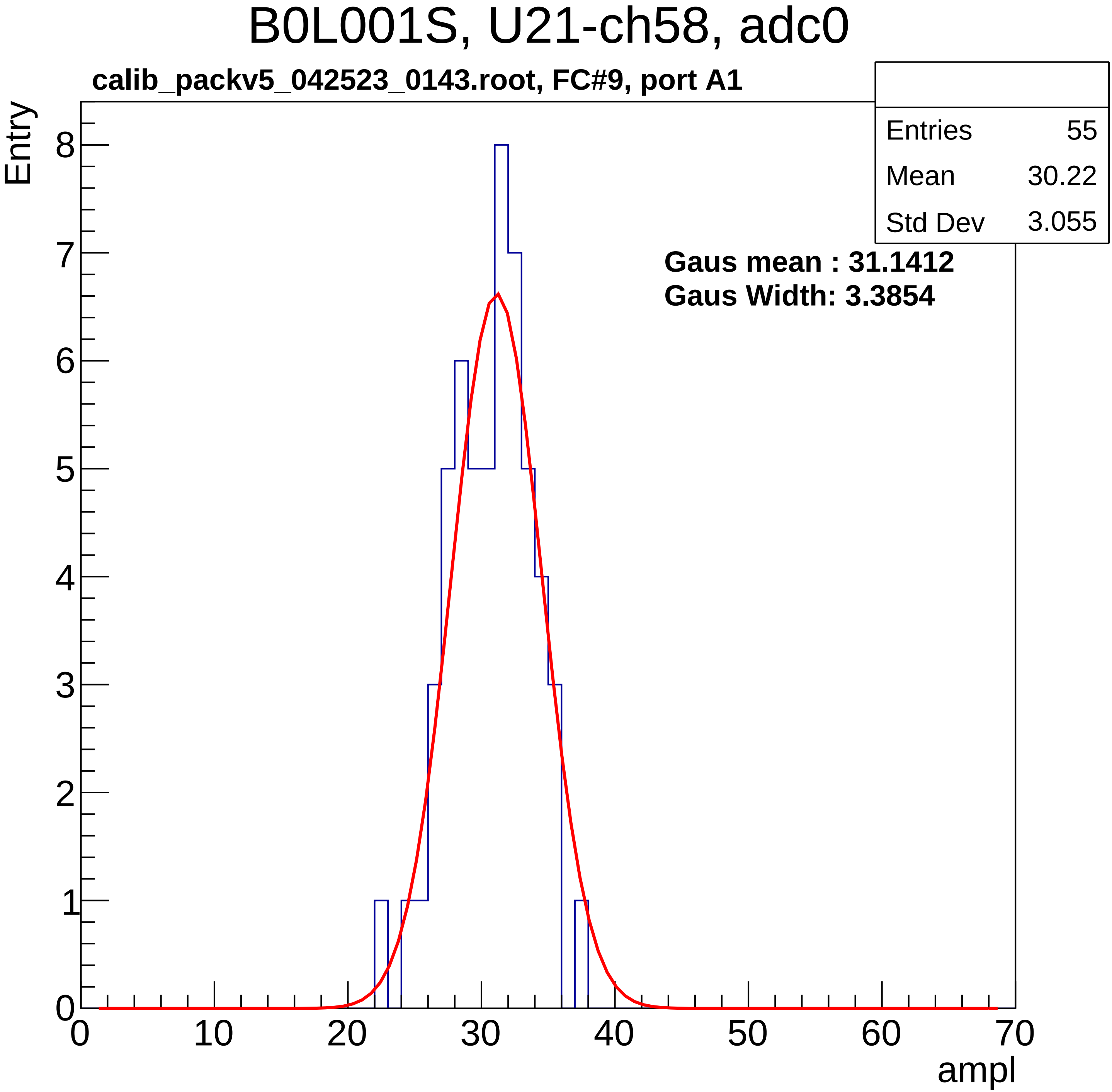

B0L001S, U21-ch57, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 49
Mean 56.33
Std Dev 8.691
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

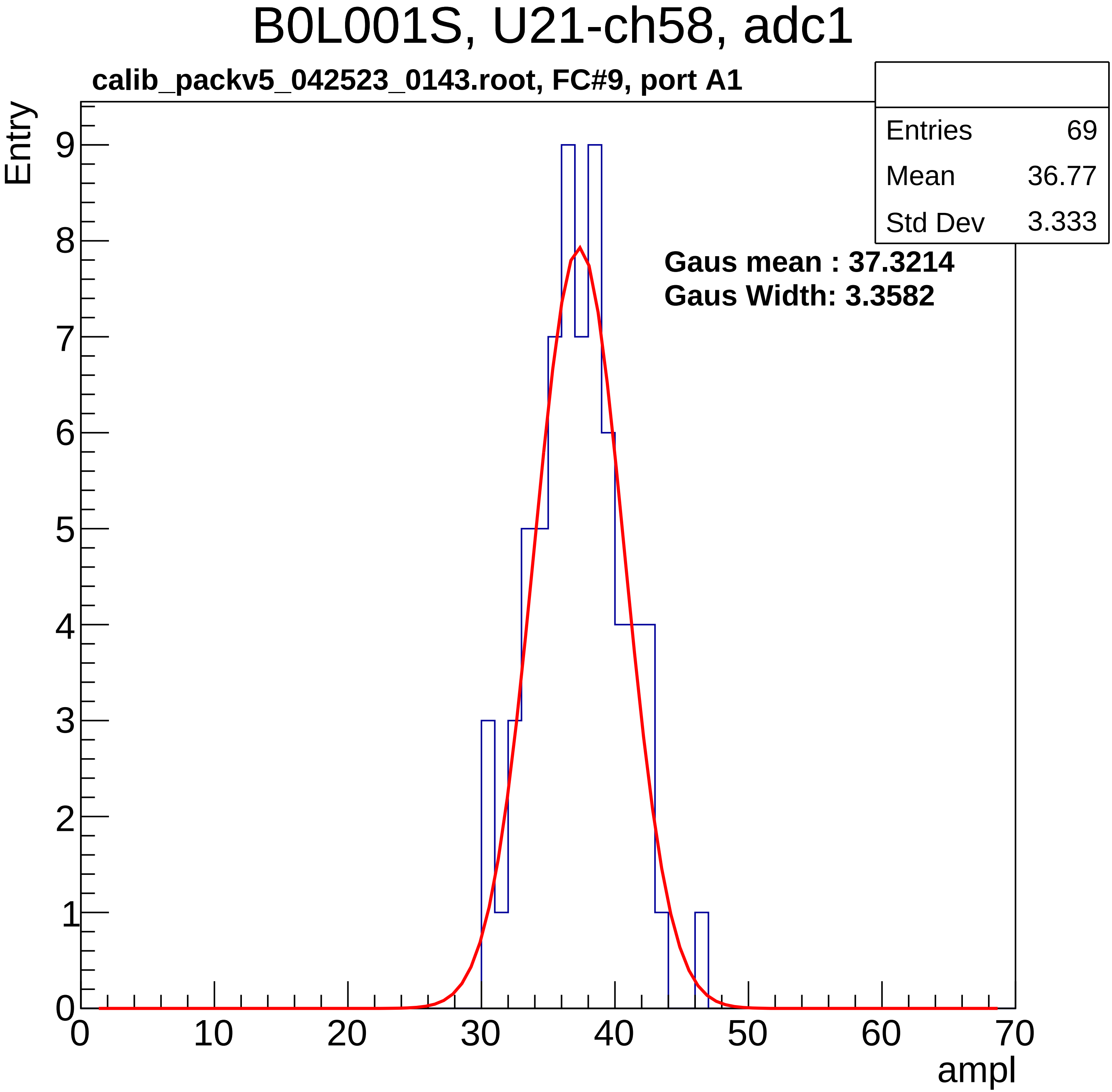

B0L001S, U21-ch57, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 60.09
Std Dev 2.13
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

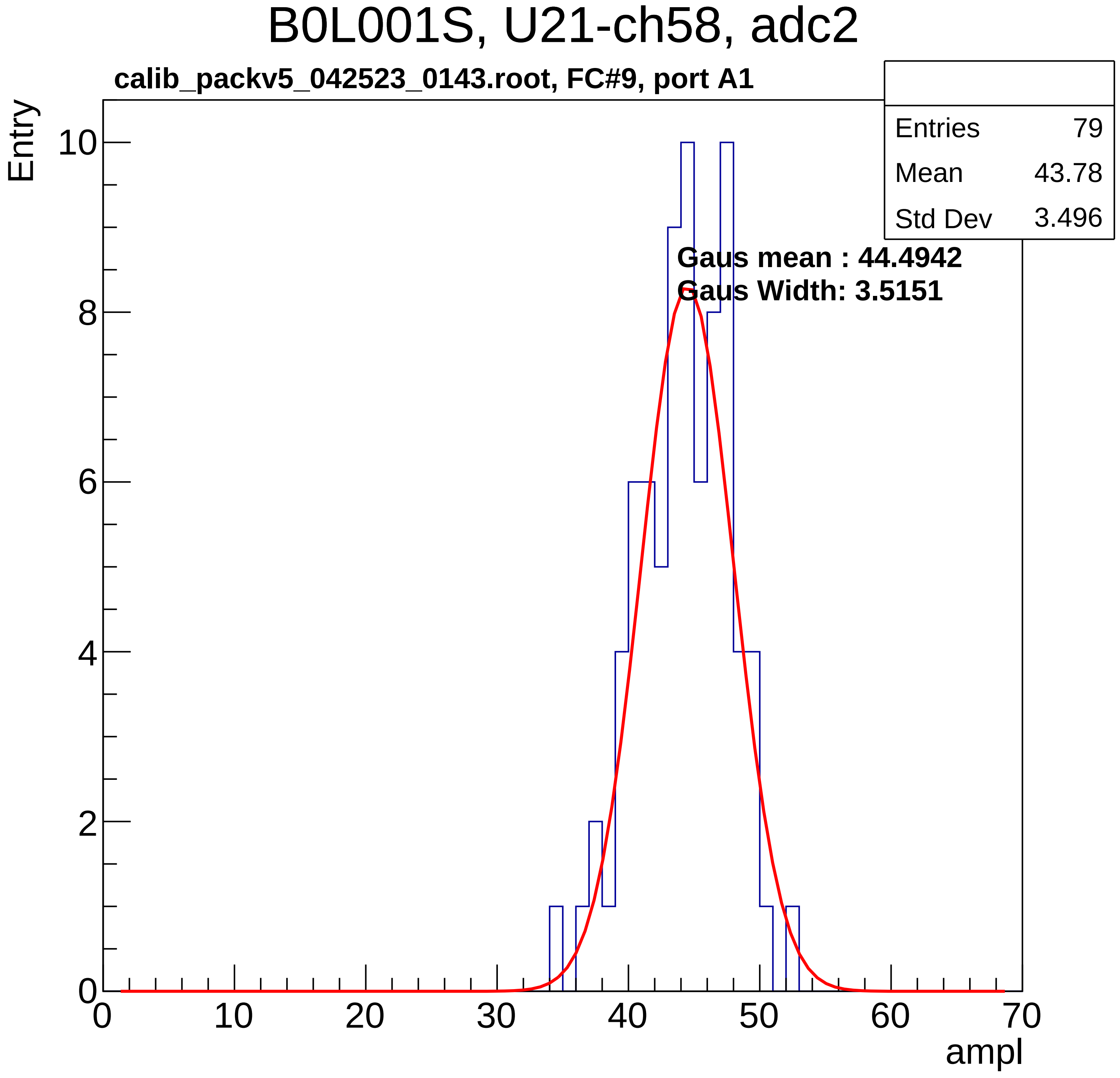

B0L001S, U21-ch57, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 4
Mean 62.5
Std Dev 0.866
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

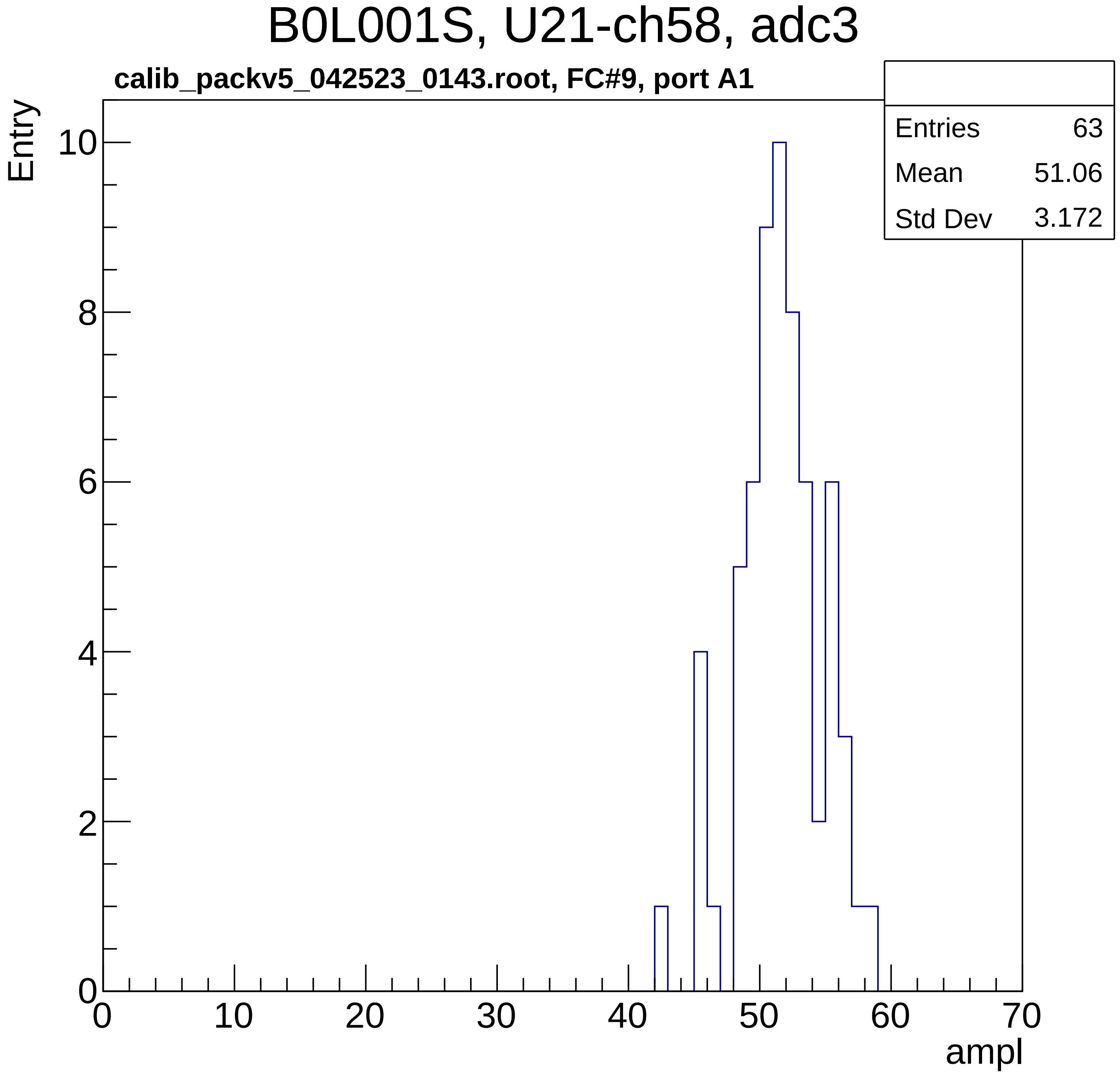
B0L001S, U21-ch57, adc7

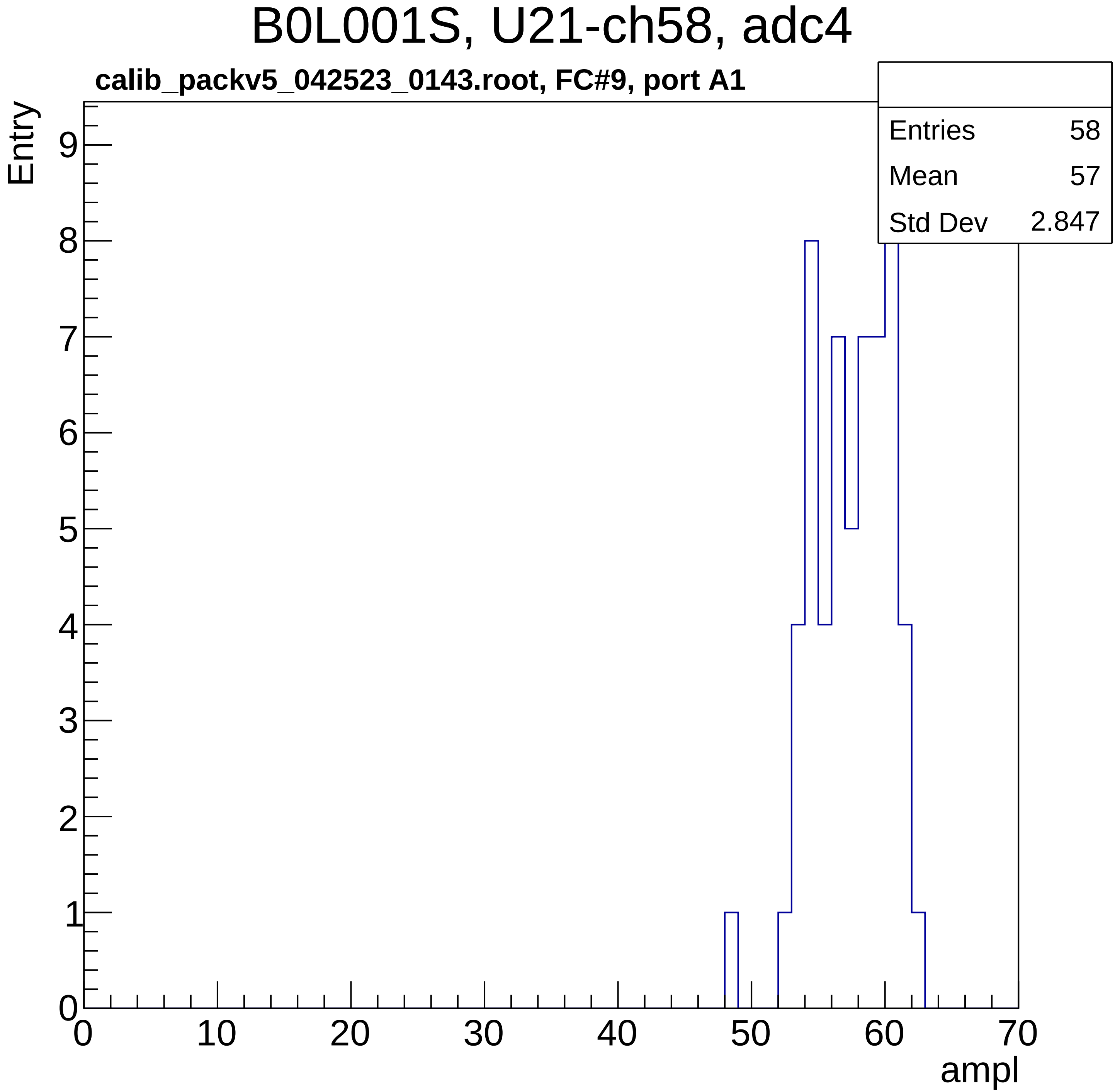


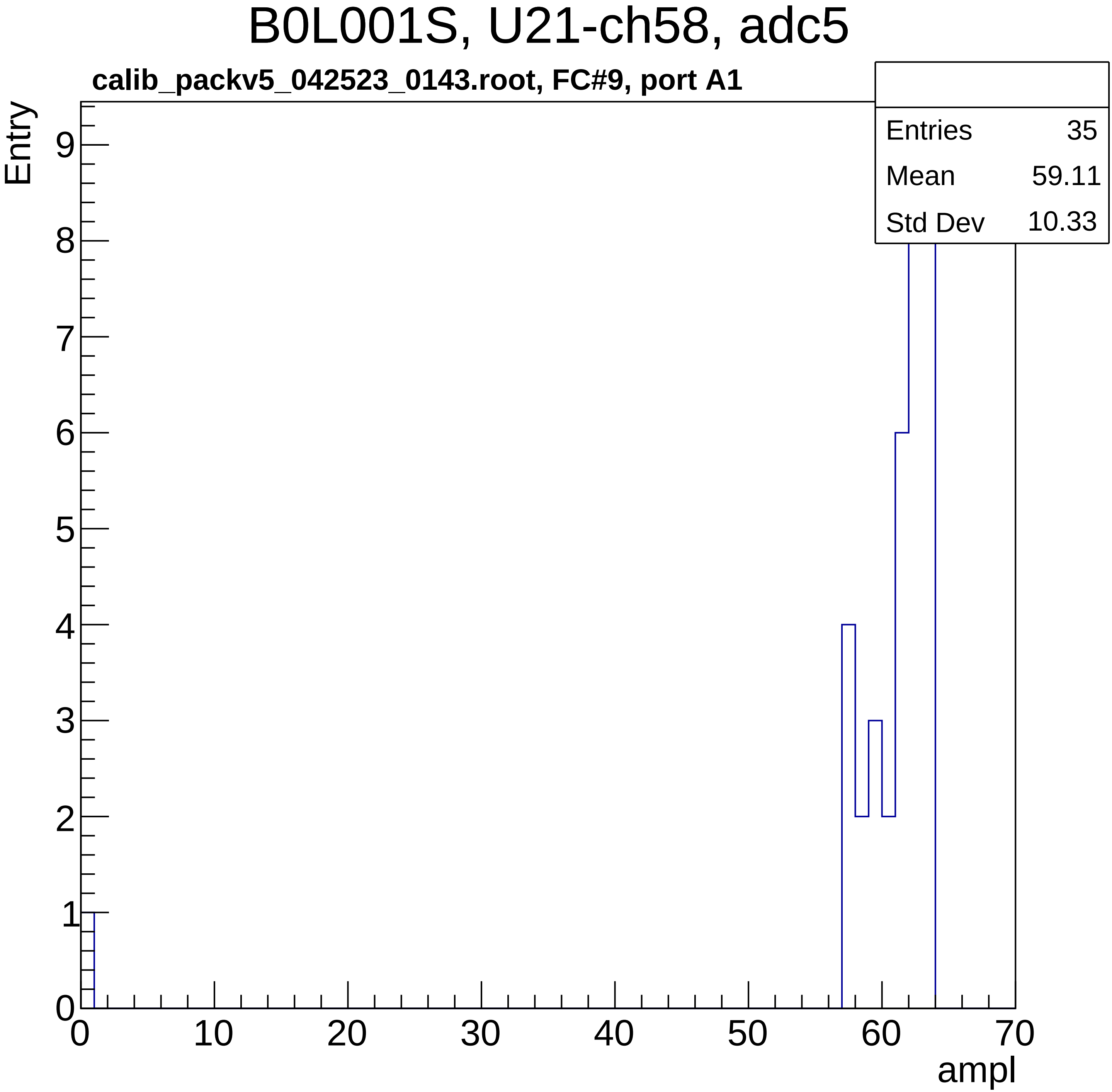

B0L001S, U21-ch58, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 30.22
Std Dev 3.055
Gaus mean : 31.1412
Gaus Width: 3.3854
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch58, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 36.77
Std Dev 3.333
Gaus mean : 37.3214
Gaus Width: 3.3582
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch58, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 43.78
Std Dev 3.496
Gaus mean : 44.4942
Gaus Width: 3.5151
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

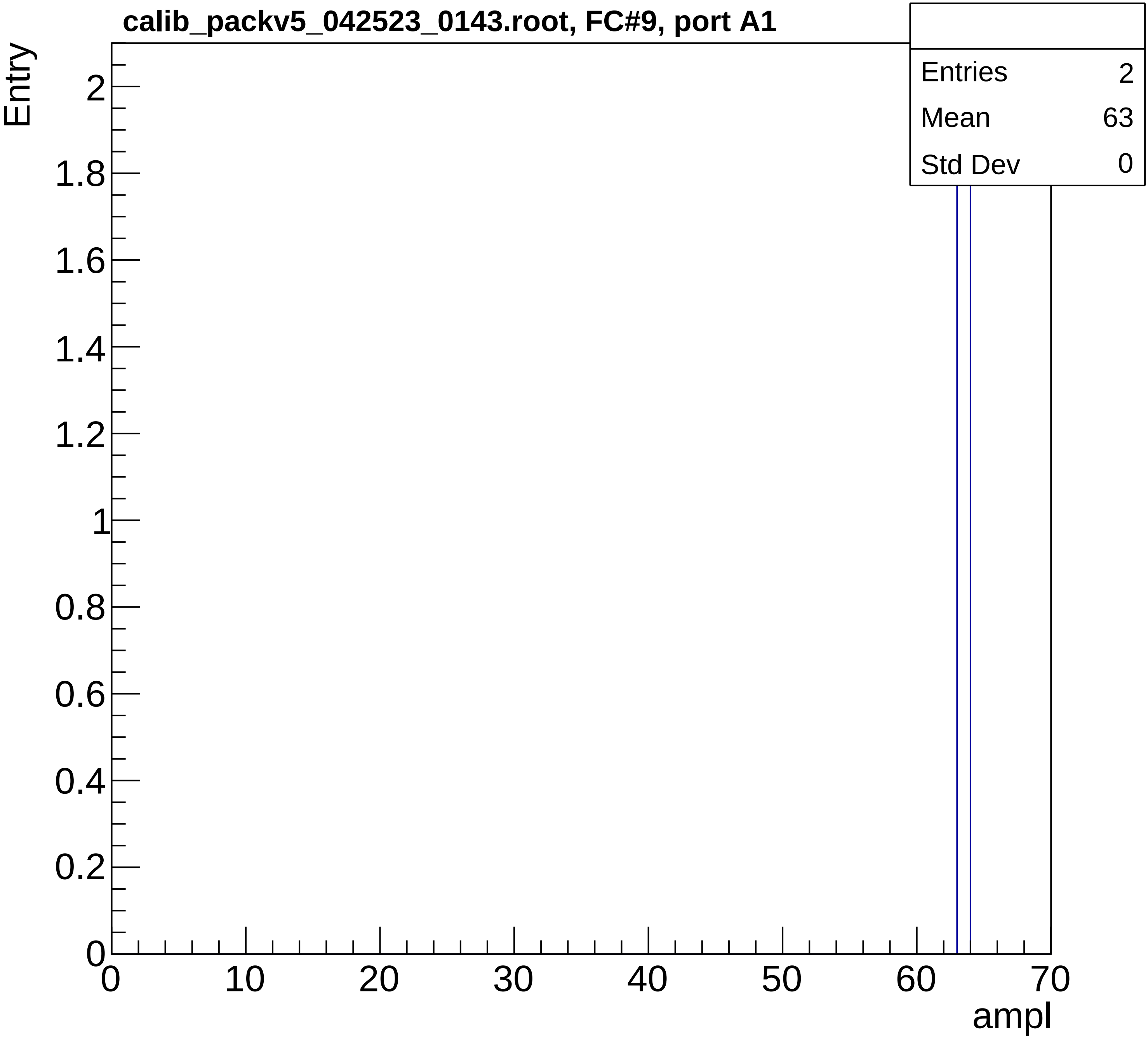

B0L001S, U21-ch58, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 51.06
Std Dev 3.172
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

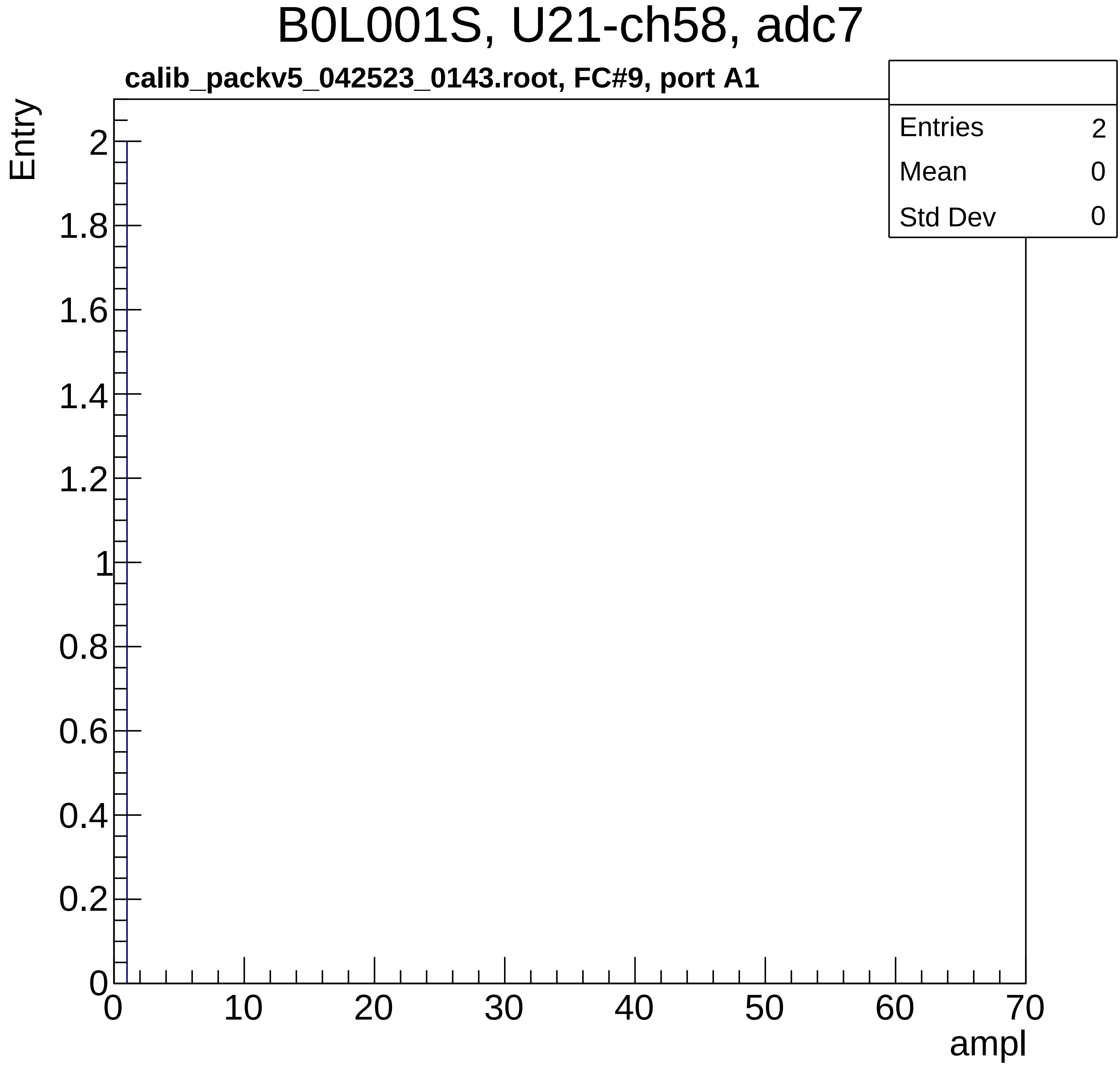

B0L001S, U21-ch58, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 58
Mean 57
Std Dev 2.847
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch58, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 59.11
Std Dev 10.33
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

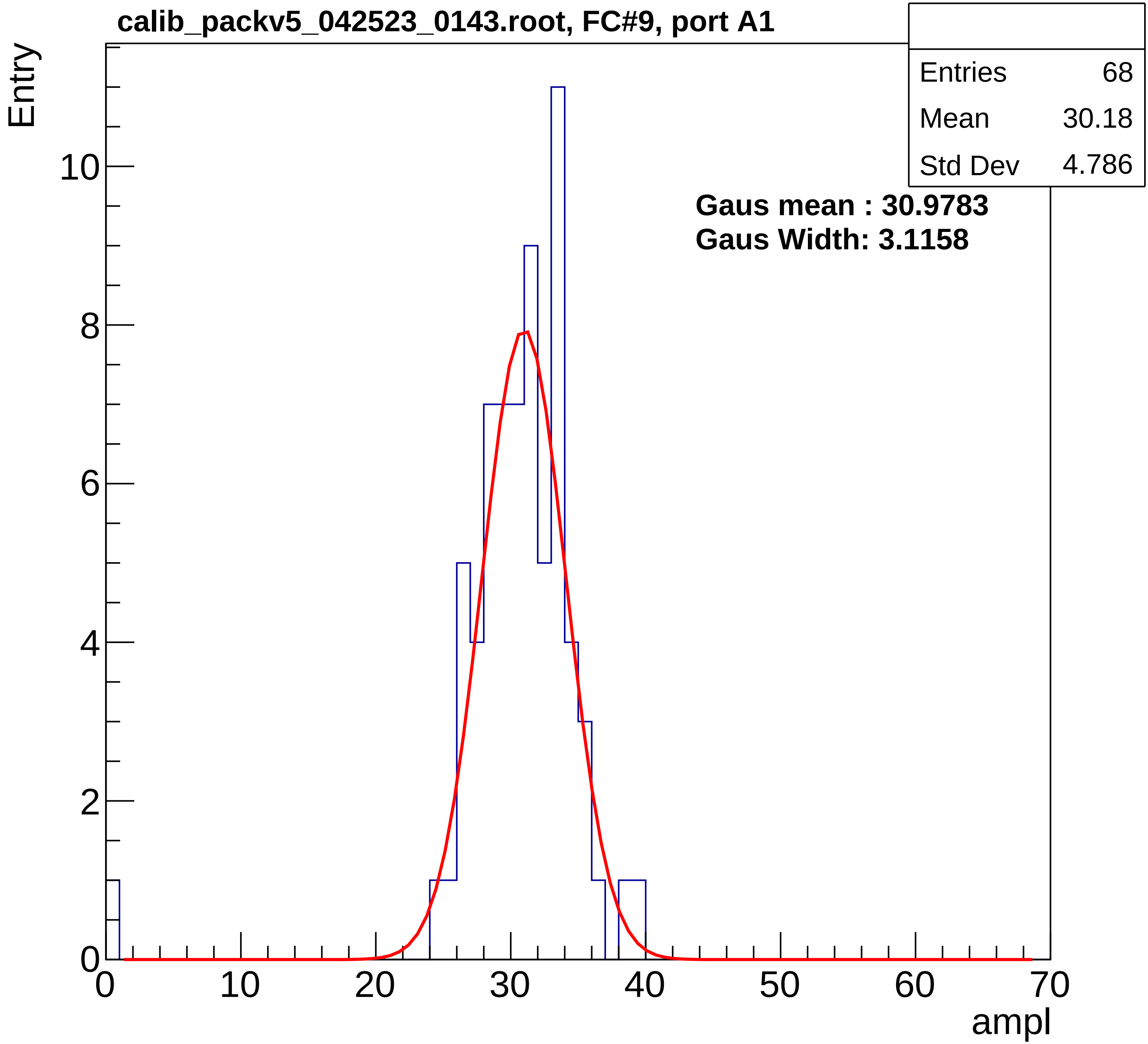
B0L001S, U21-ch58, adc6

calib_packv5_042523_0143.root, FC#9, port A1

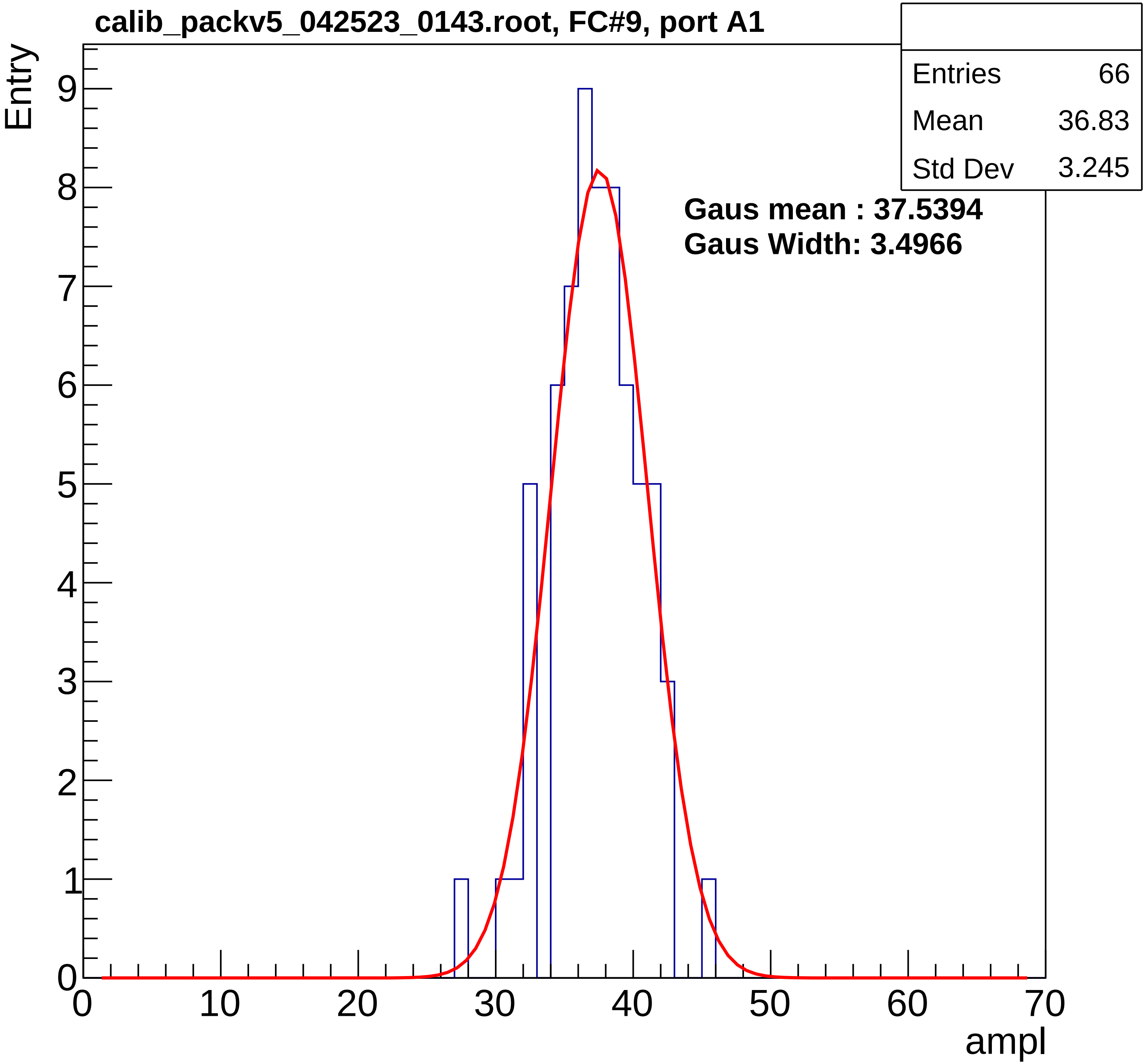


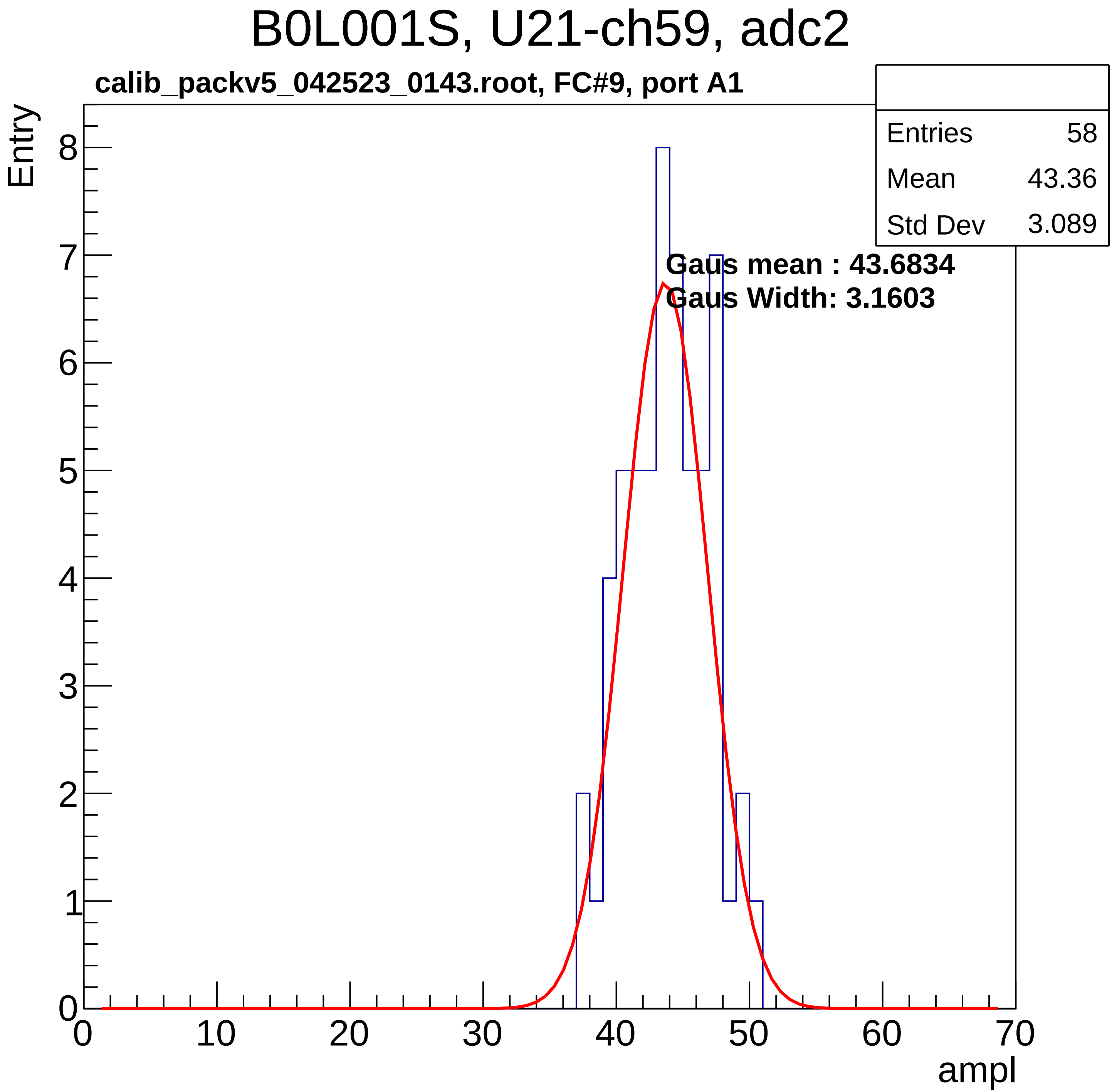

B0L001S, U21-ch58, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 2
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

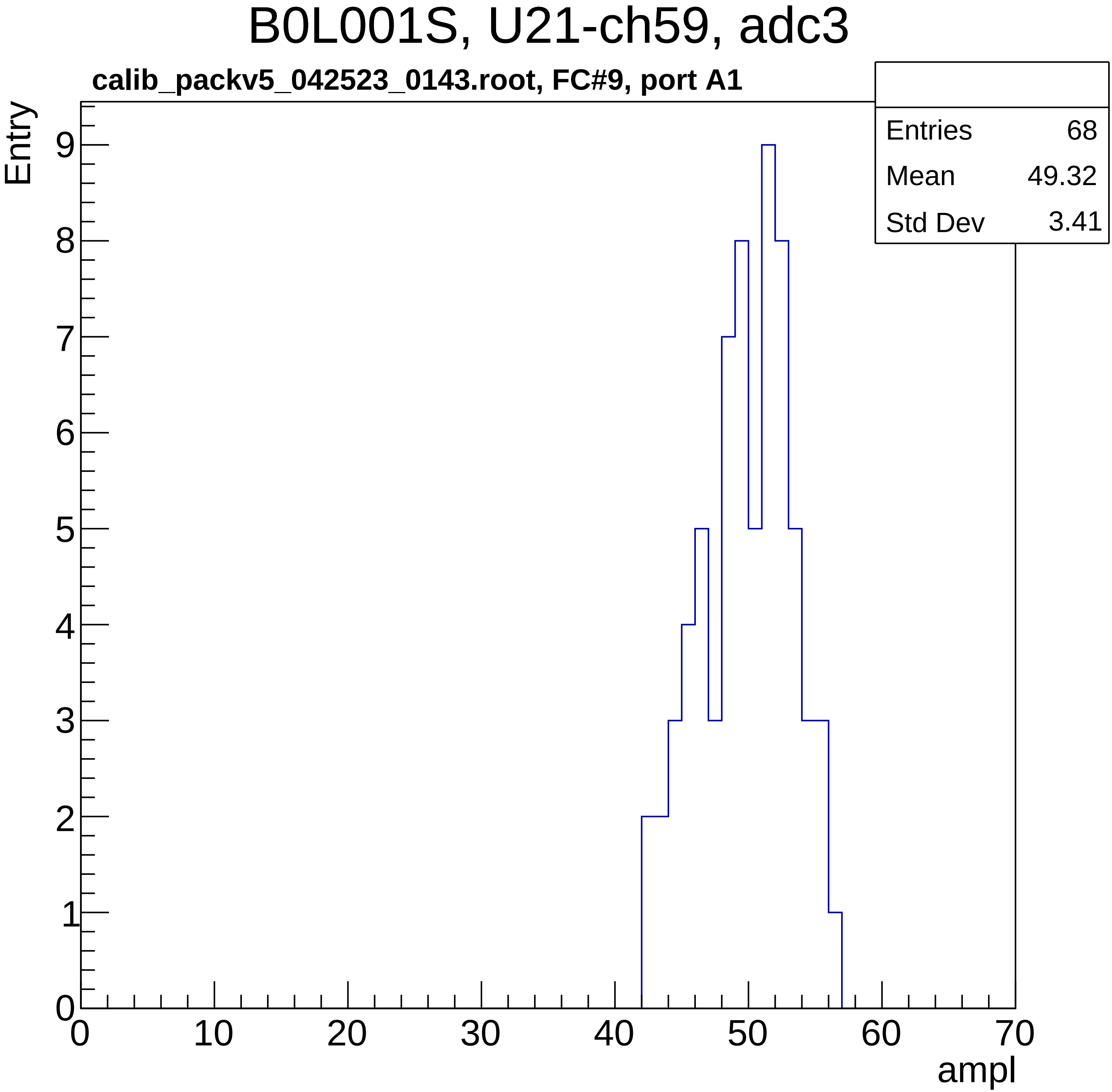
B0L001S, U21-ch59, adc0



B0L001S, U21-ch59, adc1

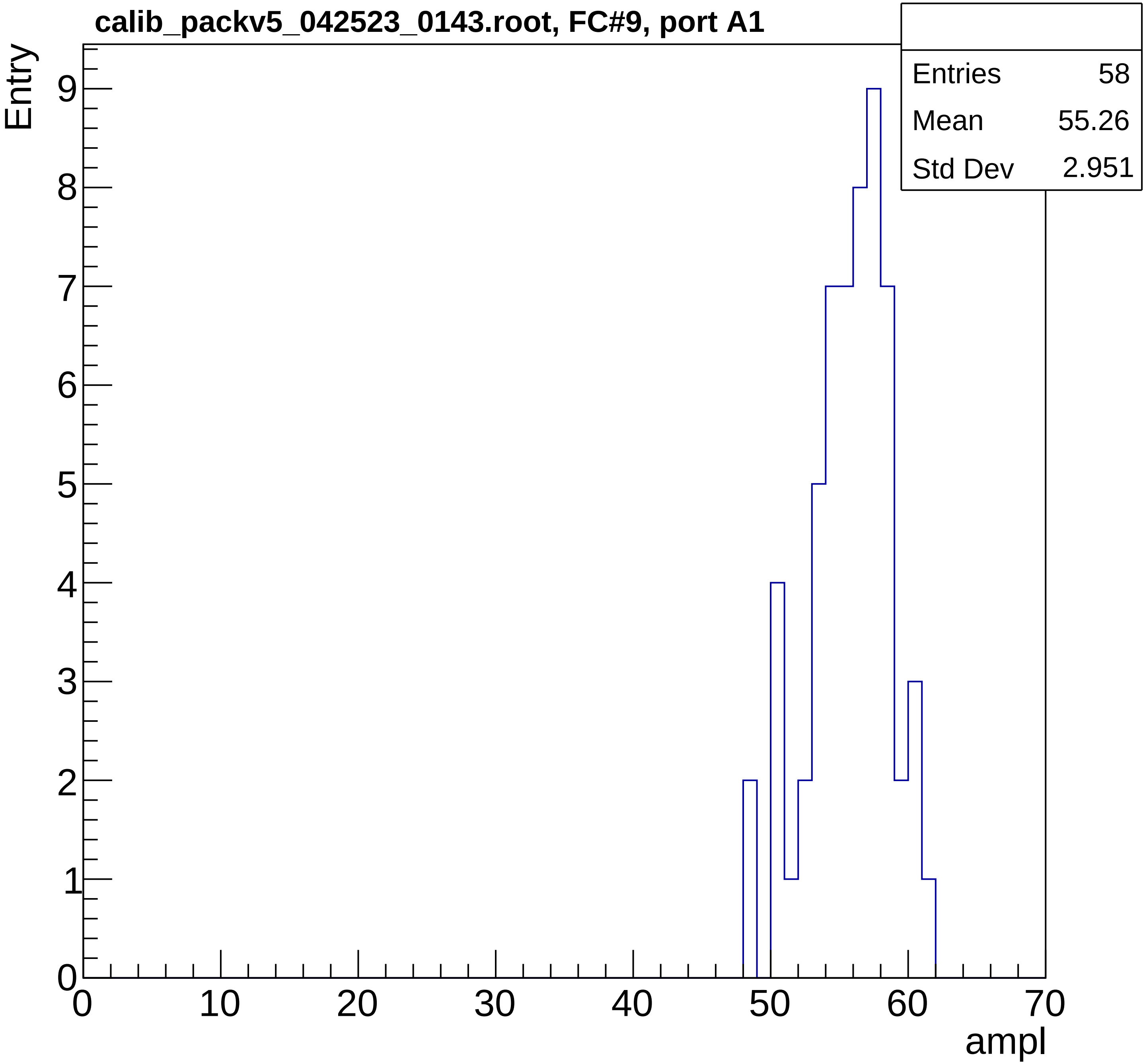


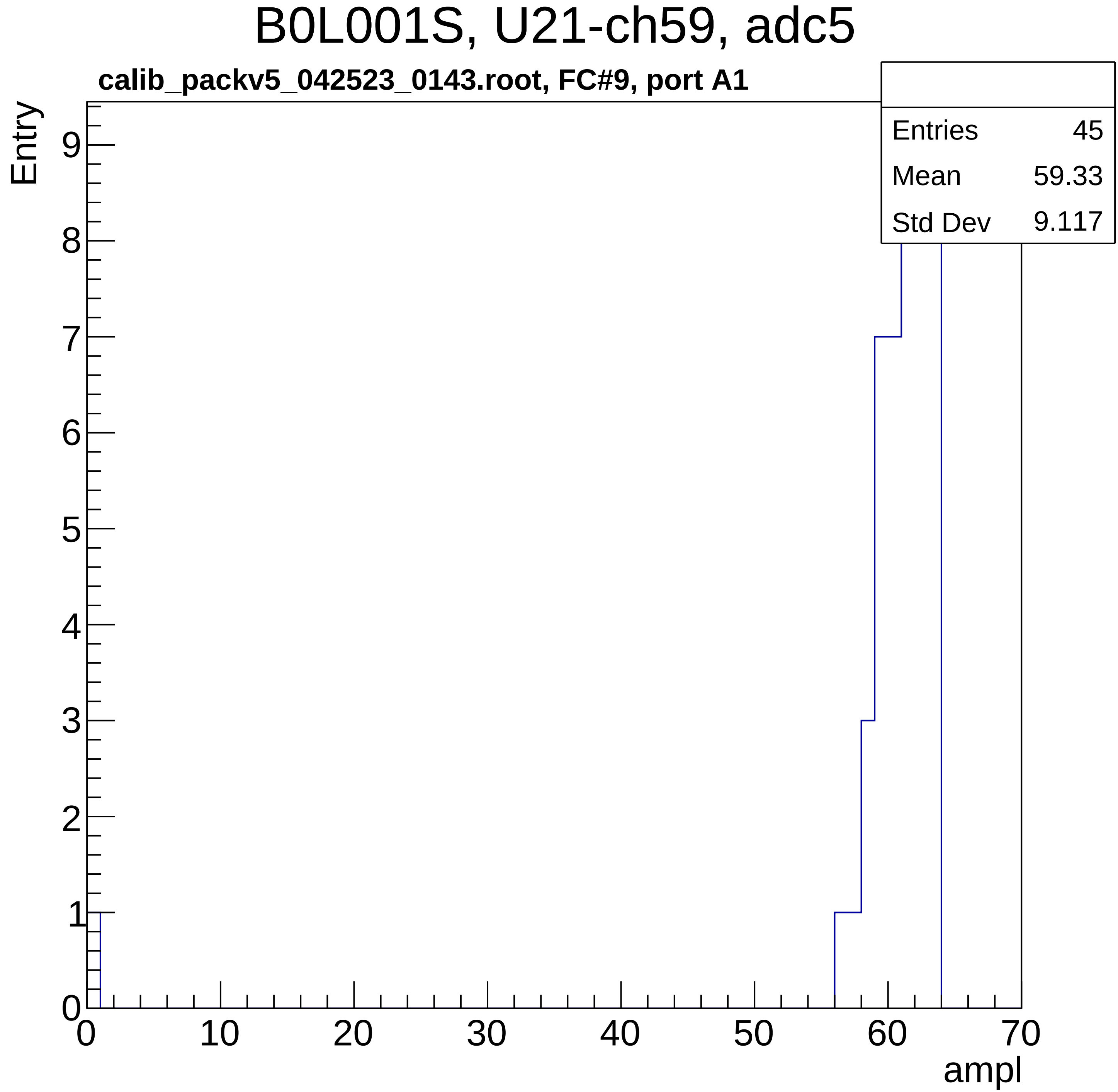

B0L001S, U21-ch59, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 43.36
Std Dev 3.089
Gaus mean : 43.6834
Gaus Width: 3.1603
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch59, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 49.32
Std Dev 3.41
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

B0L001S, U21-ch59, adc4

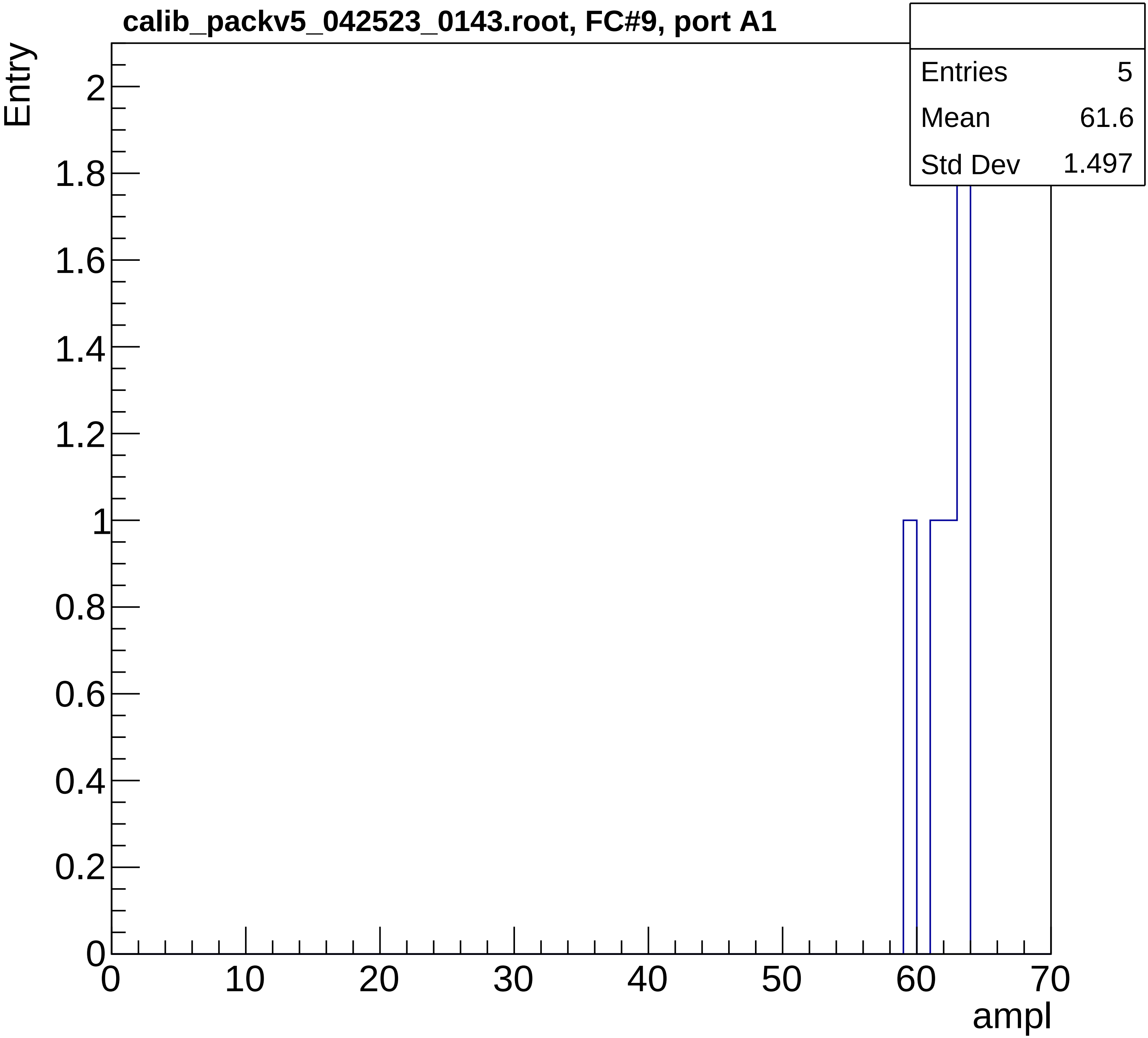
calib_packv5_042523_0143.root, FC#9, port A1

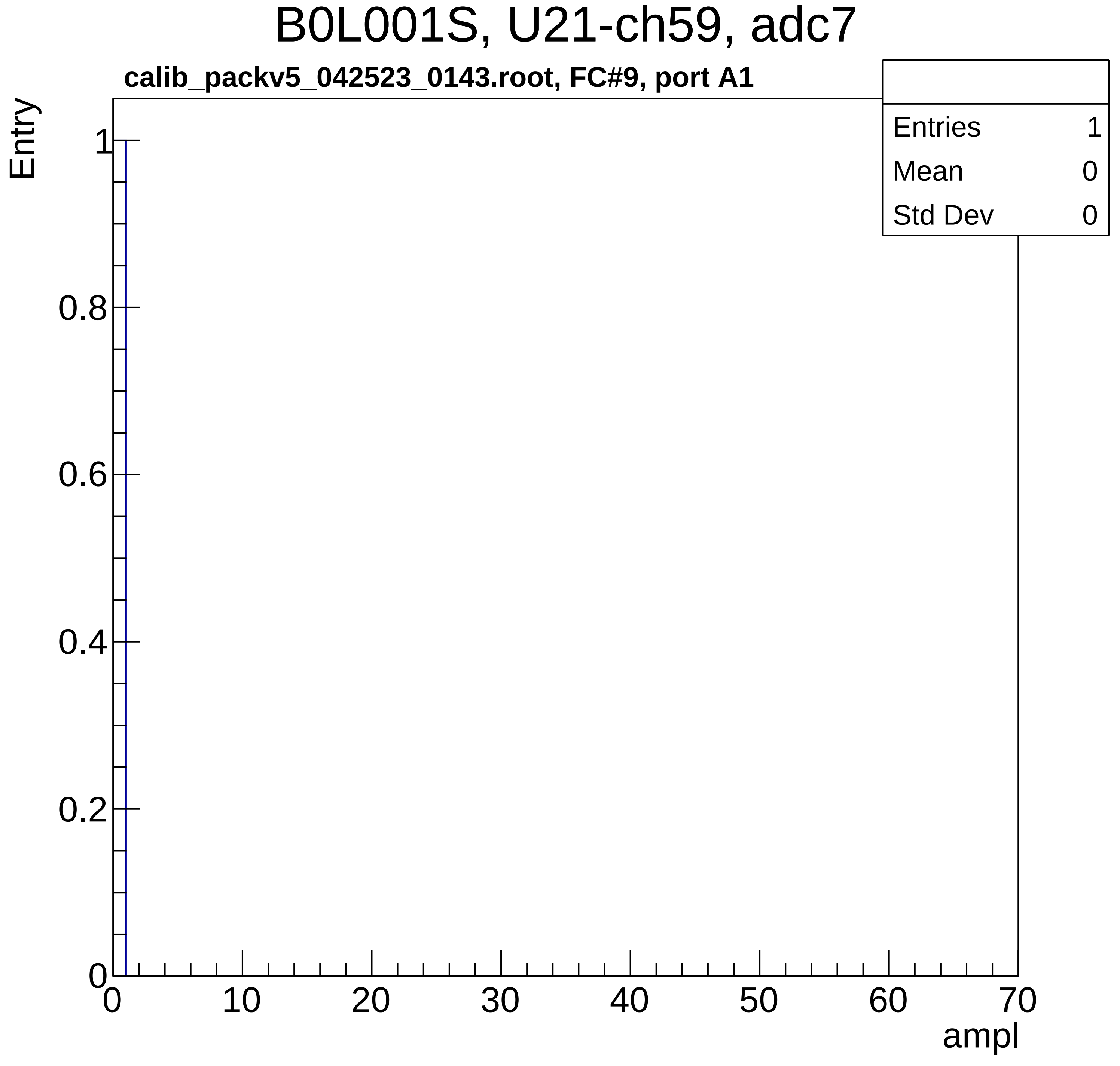



B0L001S, U21-ch59, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 59.33
Std Dev 9.117
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

B0L001S, U21-ch59, adc6

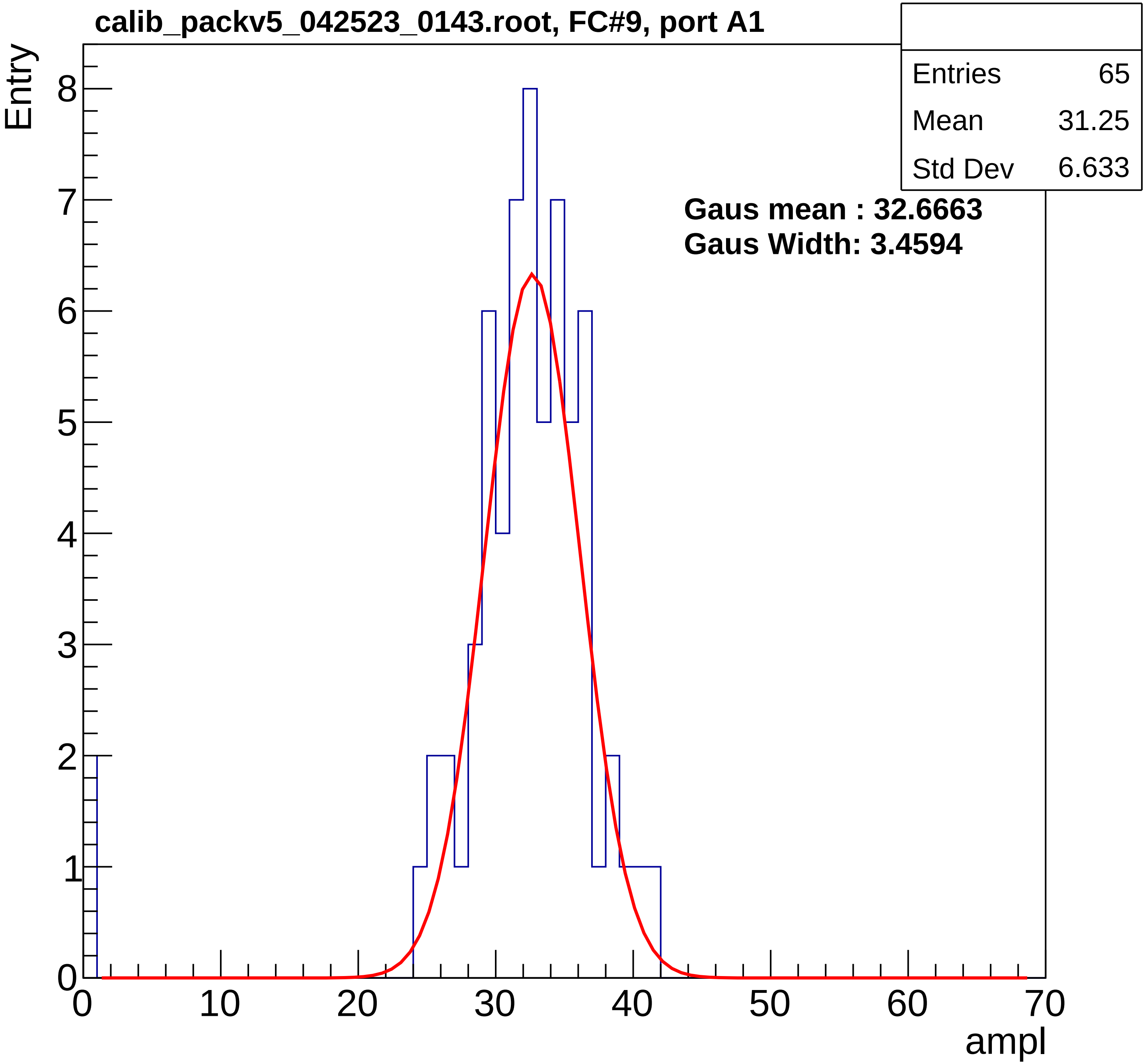
calib_packv5_042523_0143.root, FC#9, port A1

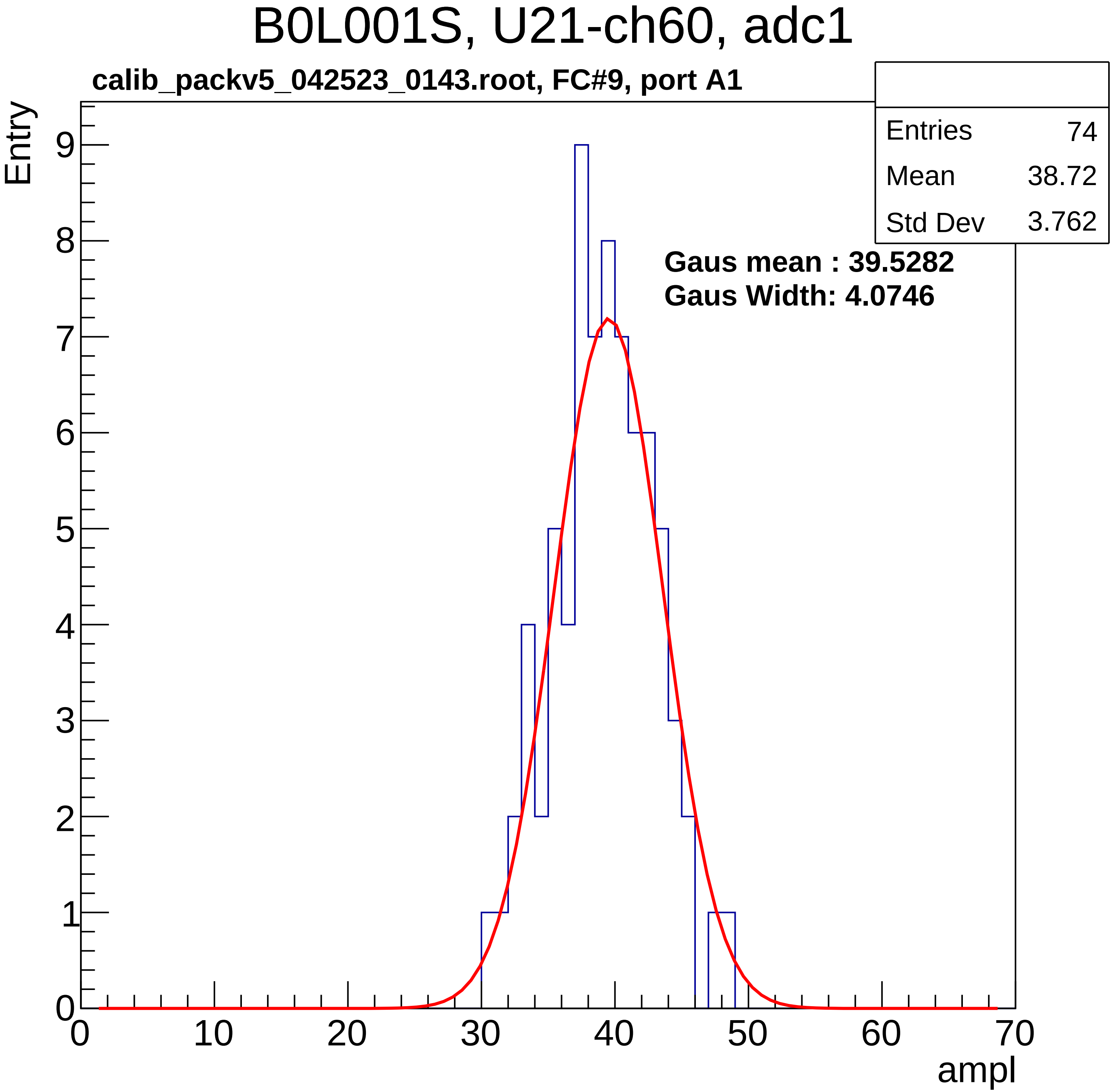


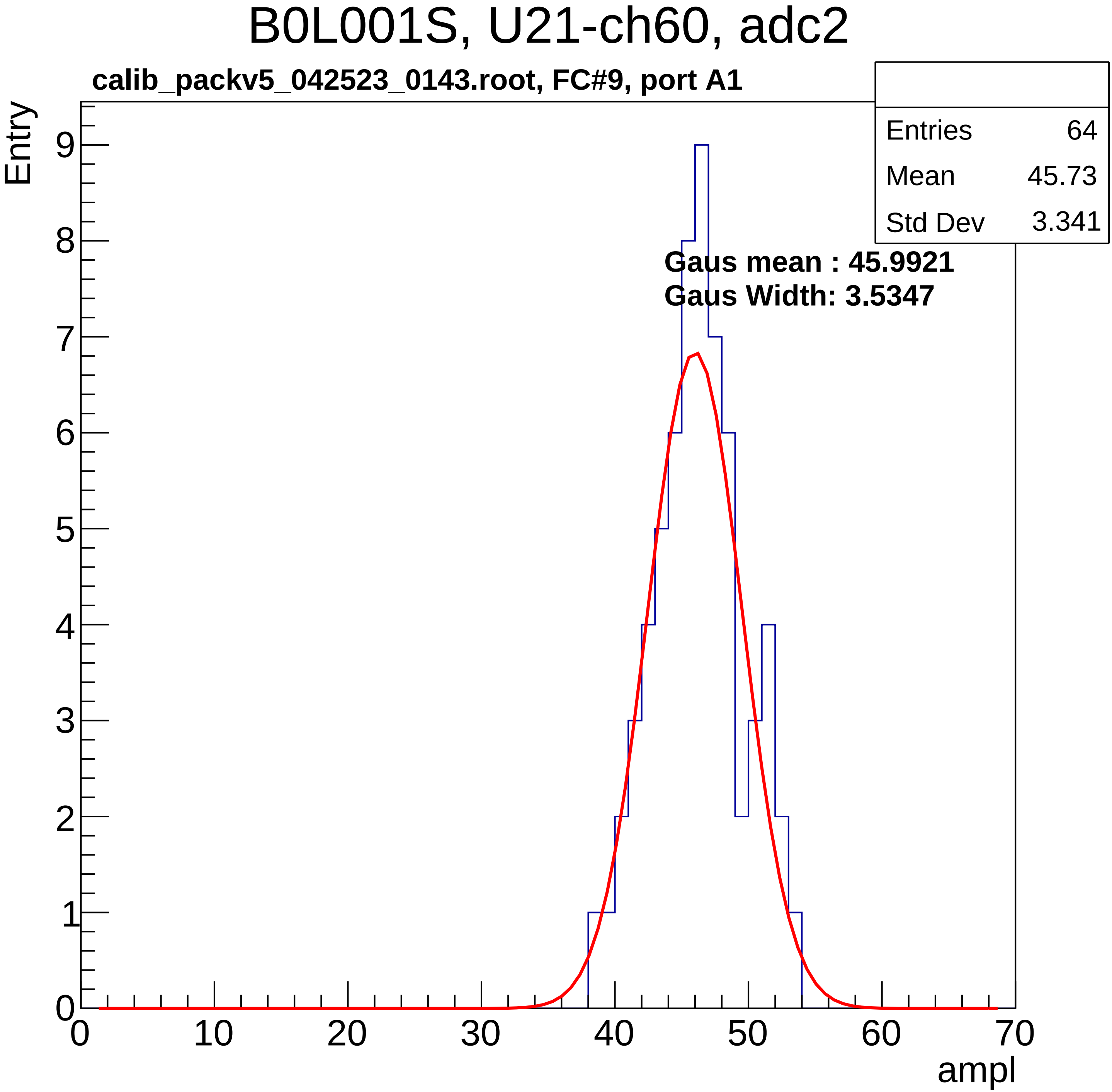

B0L001S, U21-ch59, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 1
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

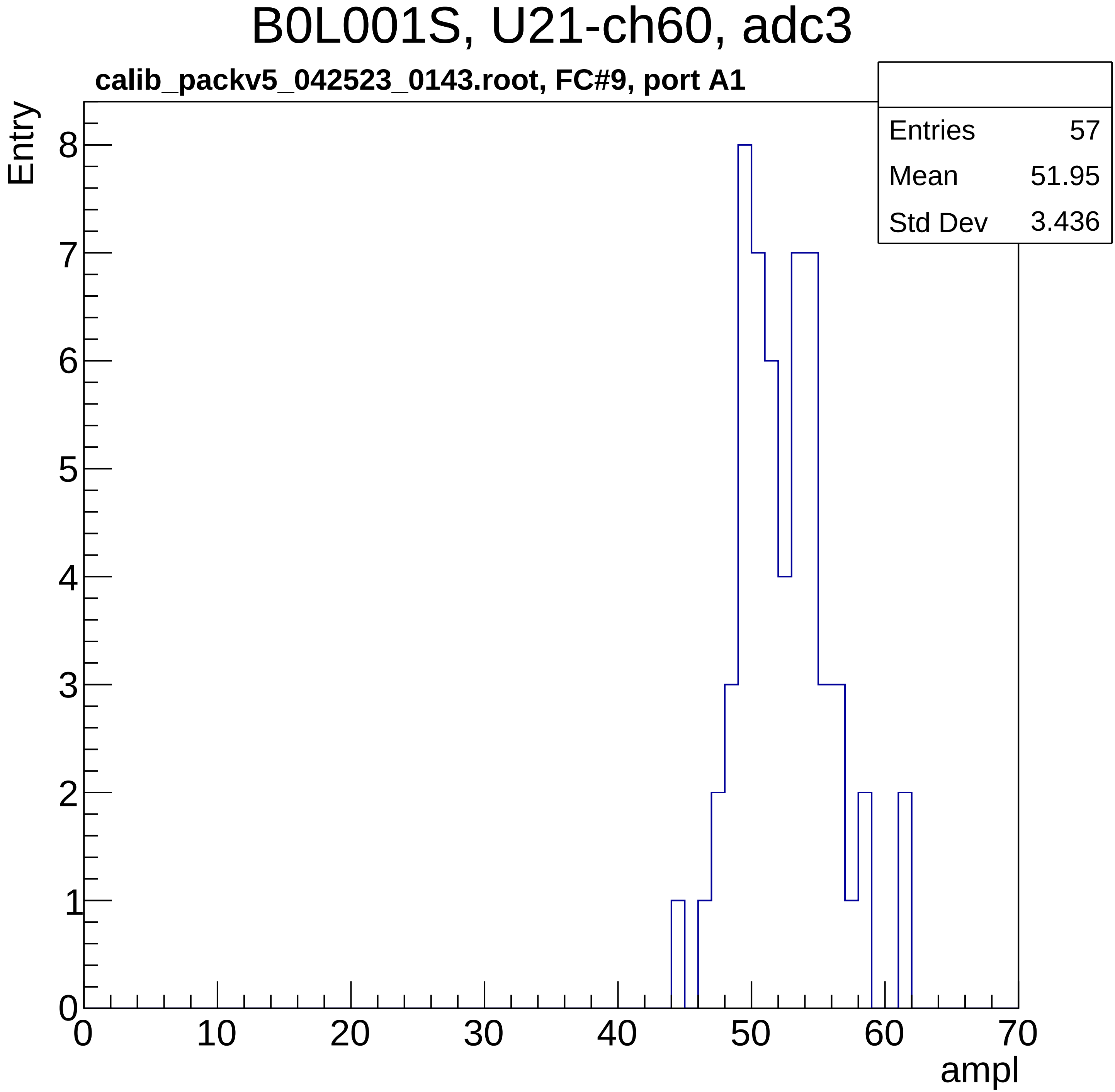
B0L001S, U21-ch60, adc0

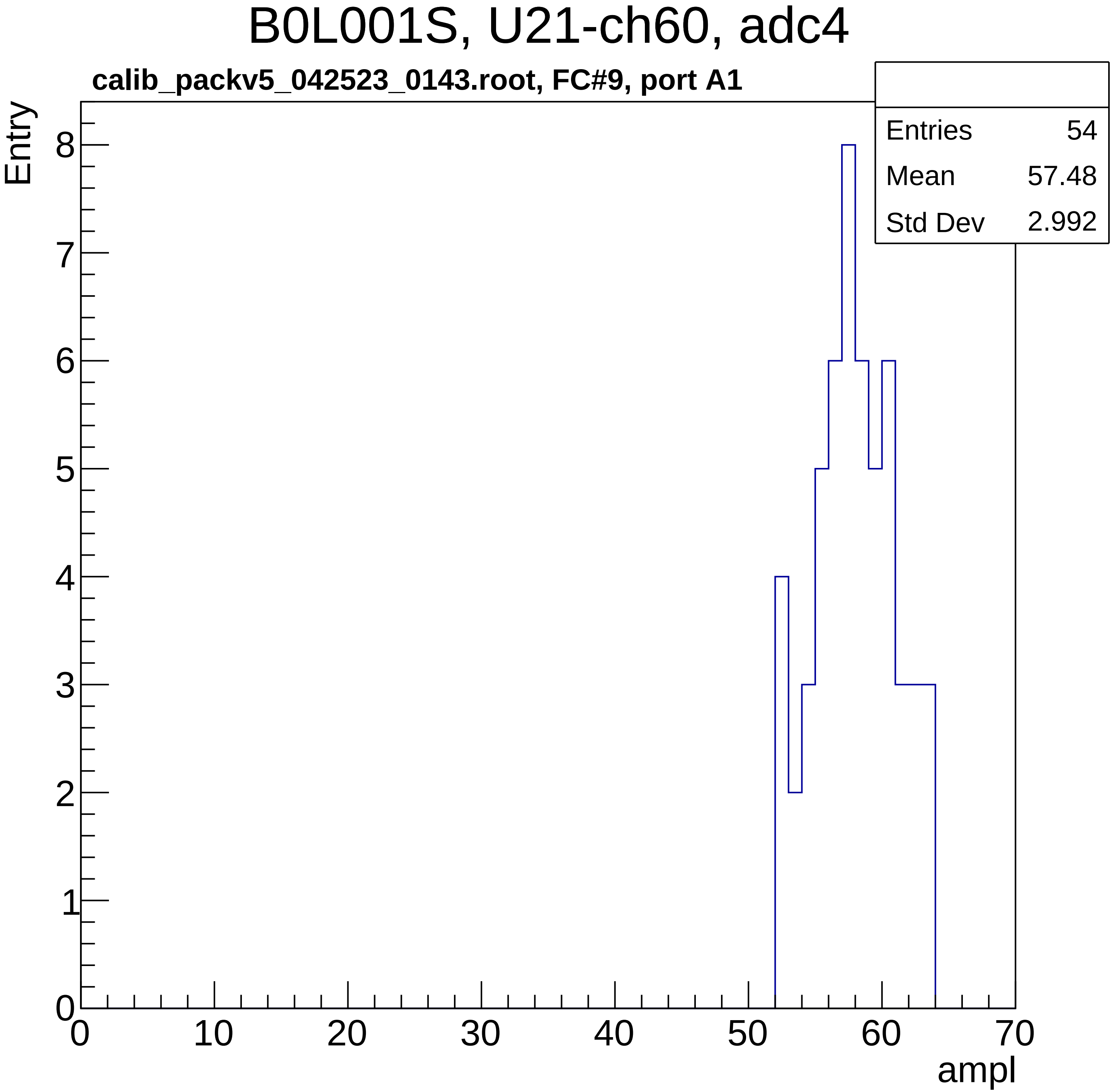
calib_packv5_042523_0143.root, FC#9, port A1

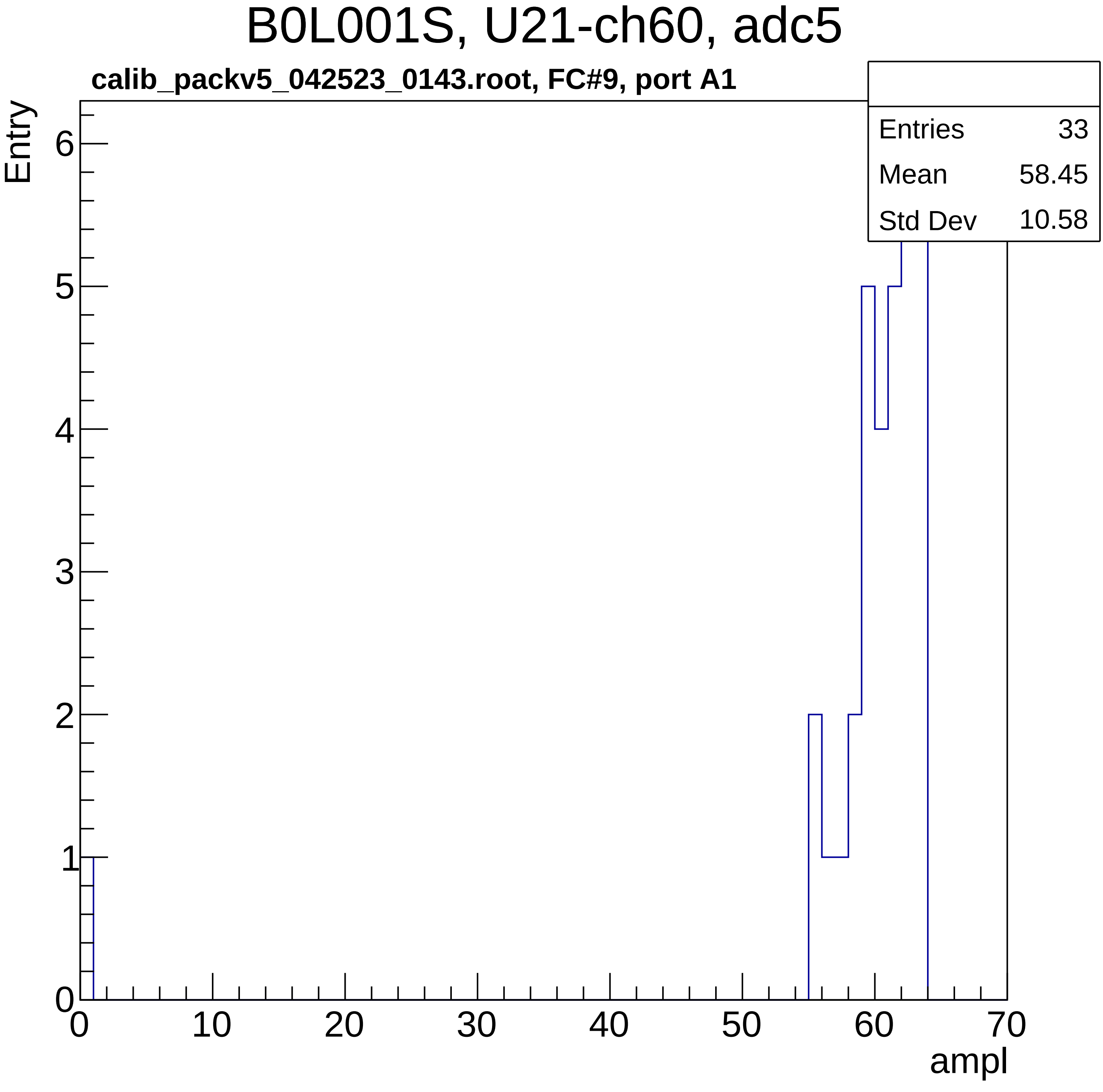



B0L001S, U21-ch60, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 74
Mean 38.72
Std Dev 3.762
Gaus mean : 39.5282
Gaus Width: 4.0746
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

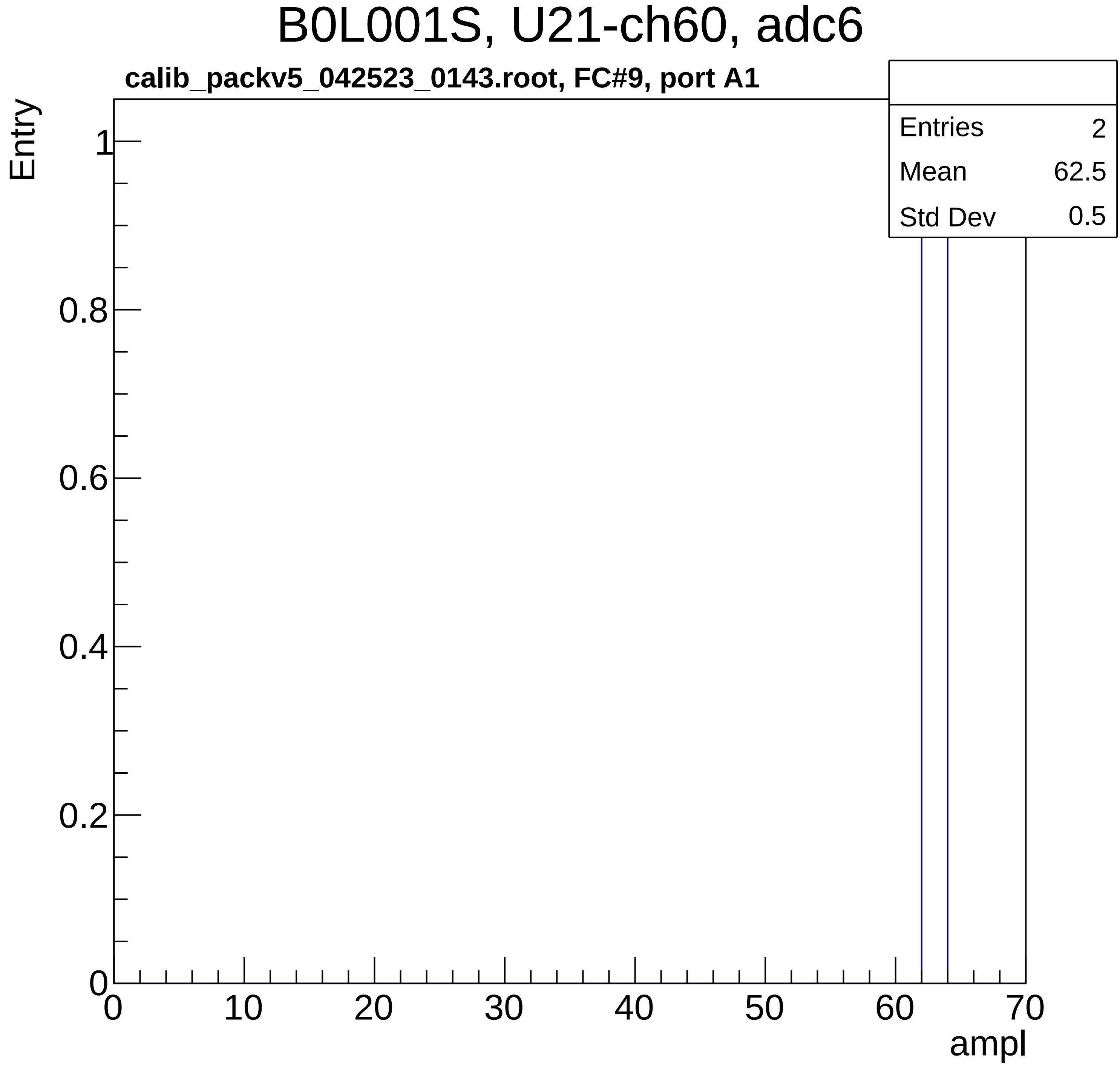

B0L001S, U21-ch60, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 45.73
Std Dev 3.341
Gaus mean : 45.9921
Gaus Width: 3.5347
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch60, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 51.95
Std Dev 3.436
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

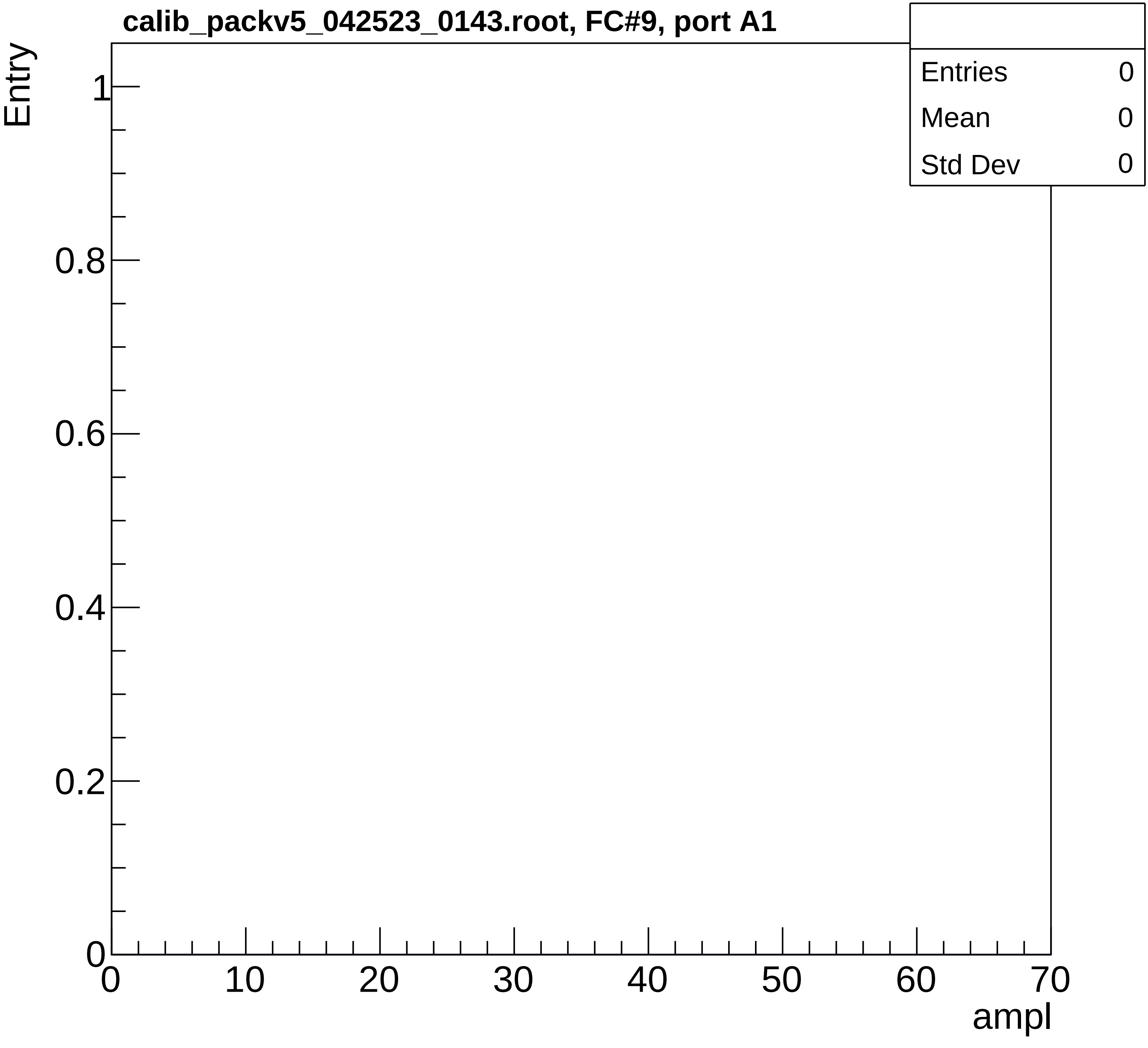

B0L001S, U21-ch60, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 57.48
Std Dev 2.992
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

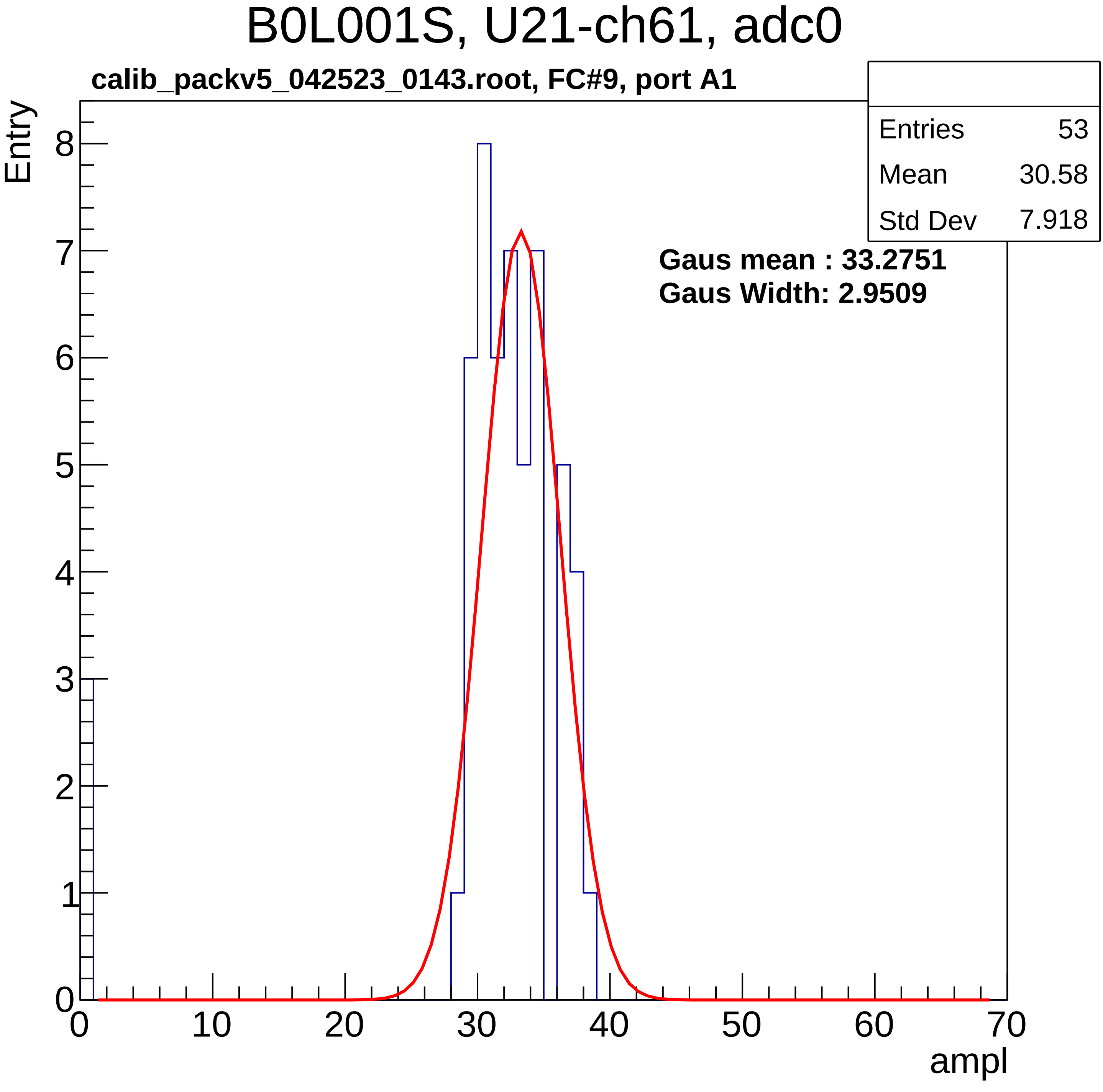


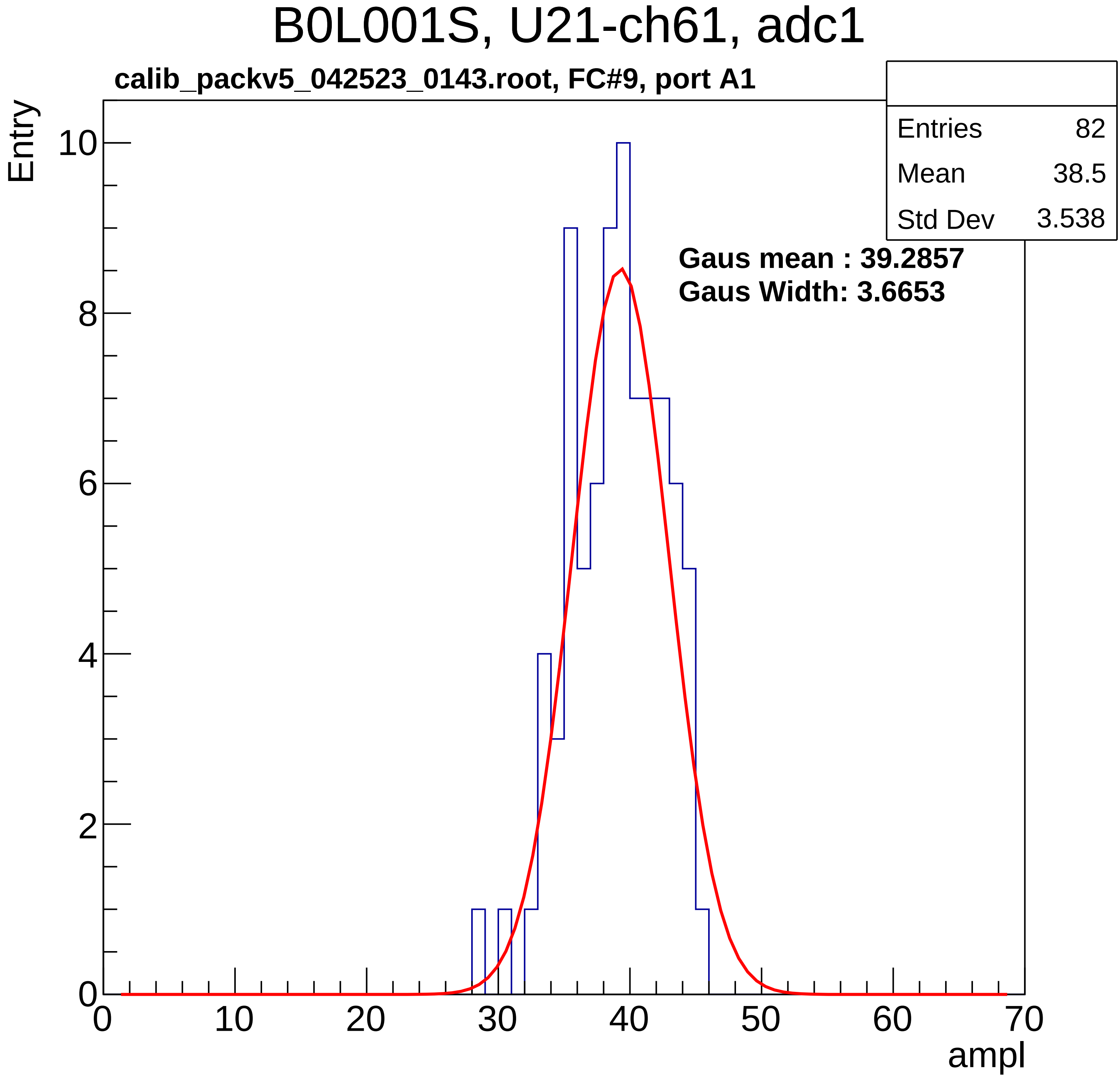
B0L001S, U21-ch60, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 58.45
Std Dev 10.58
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch60, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

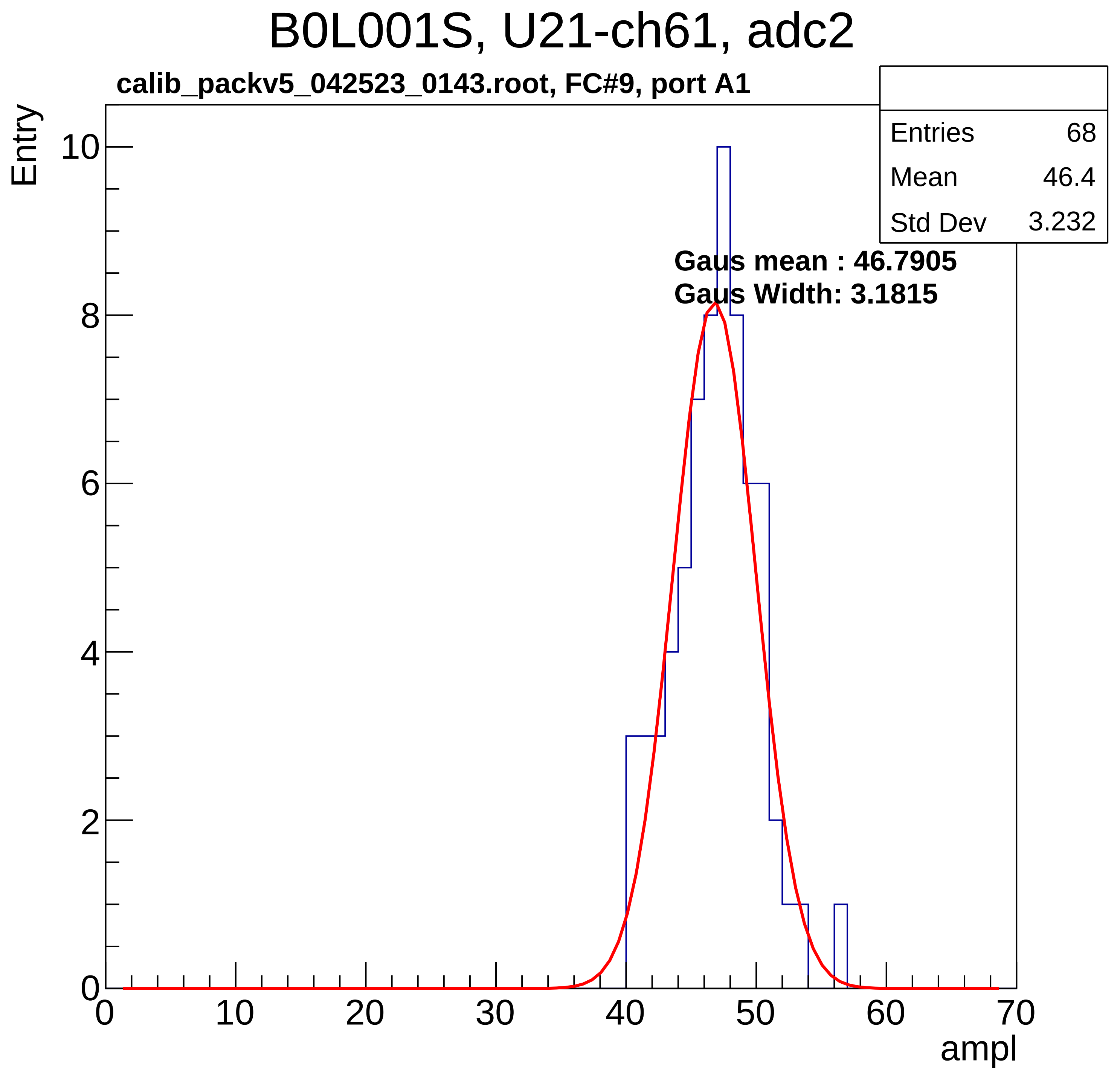
B0L001S, U21-ch60, adc7

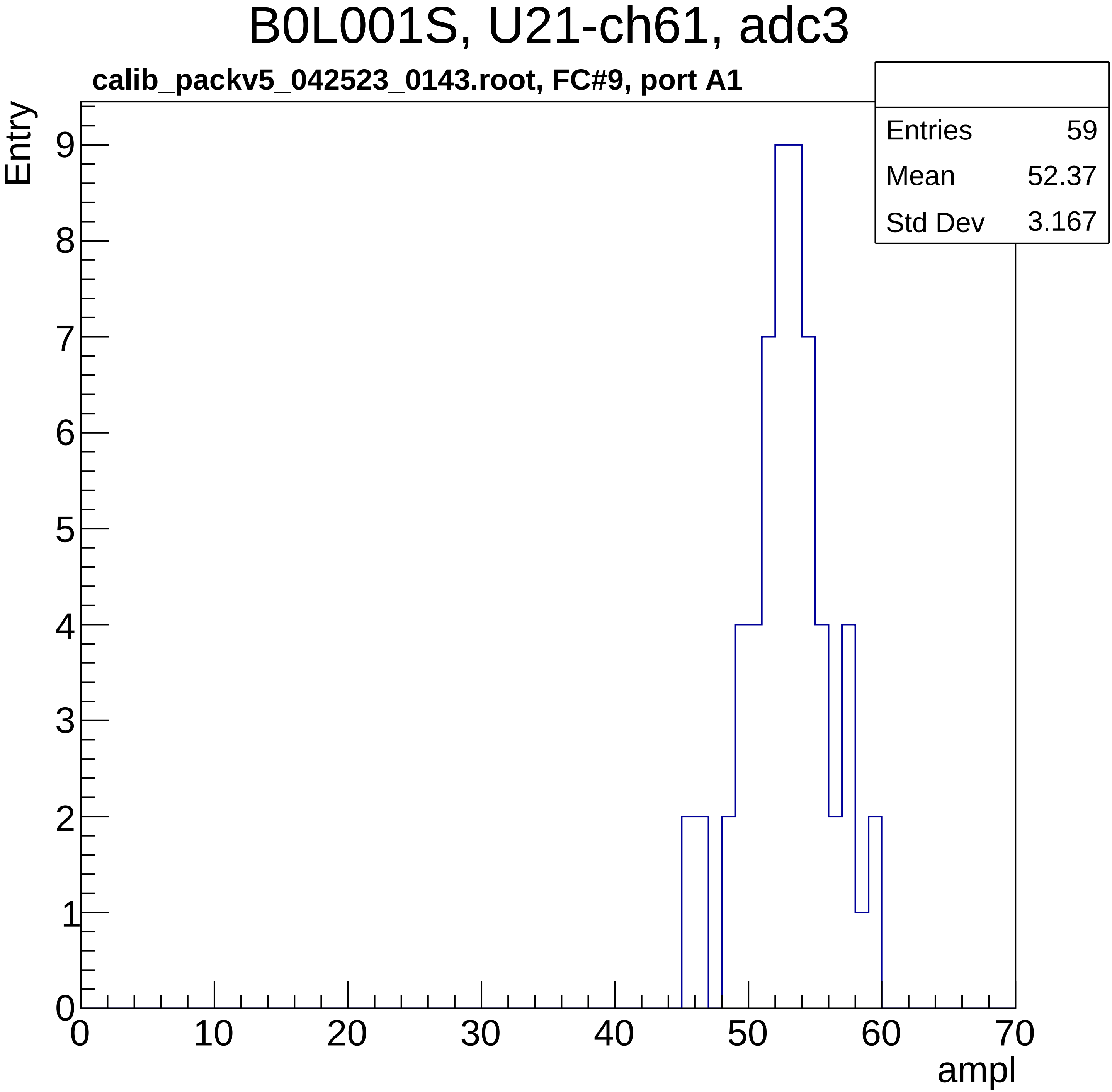


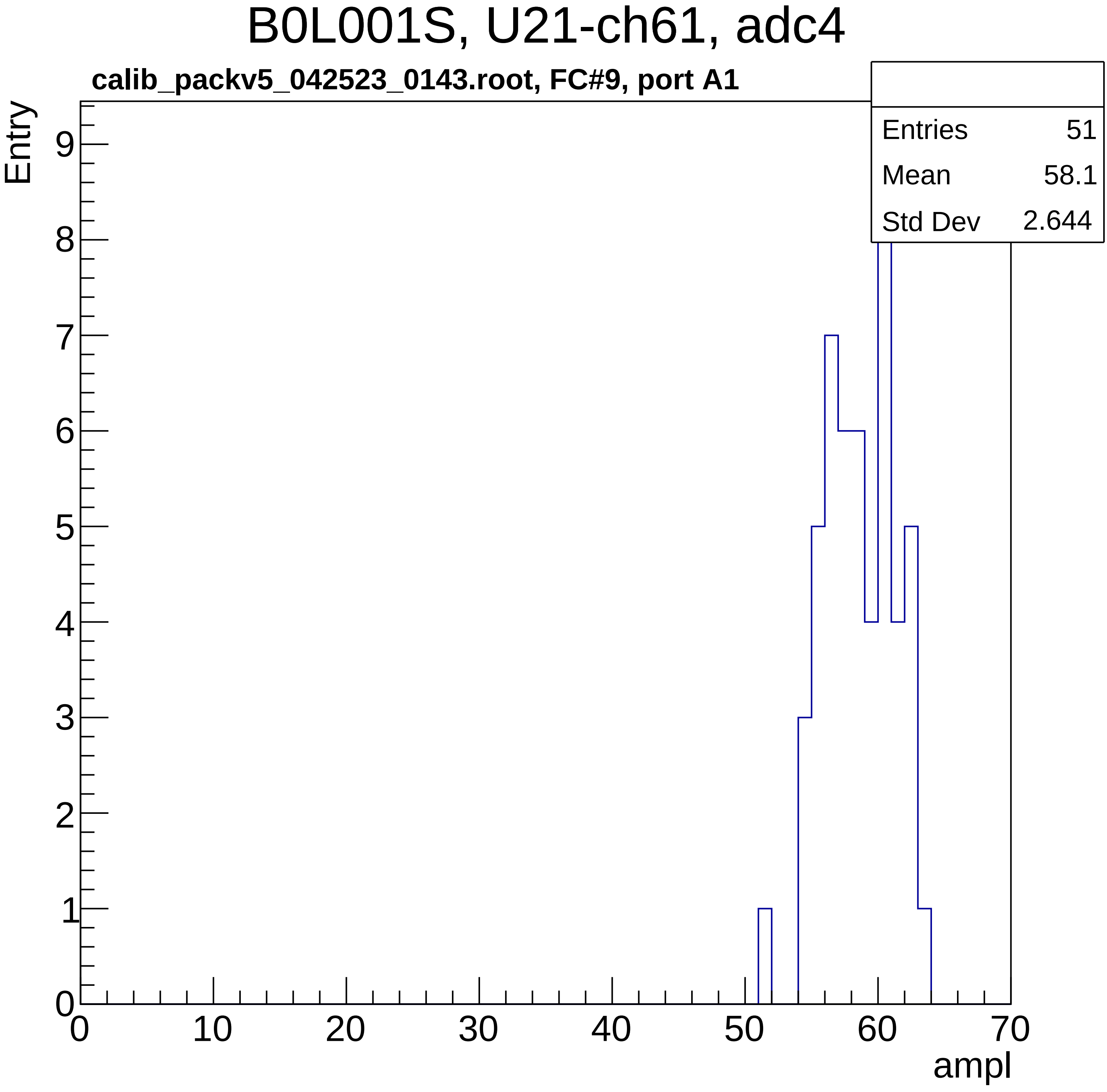

B0L001S, U21-ch61, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 53
Mean 30.58
Std Dev 7.918
Gaus mean : 33.2751
Gaus Width: 2.9509
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl



B0L001S, U21-ch61, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 38.5
Std Dev 3.538
Gaus mean : 39.2857
Gaus Width: 3.6653
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

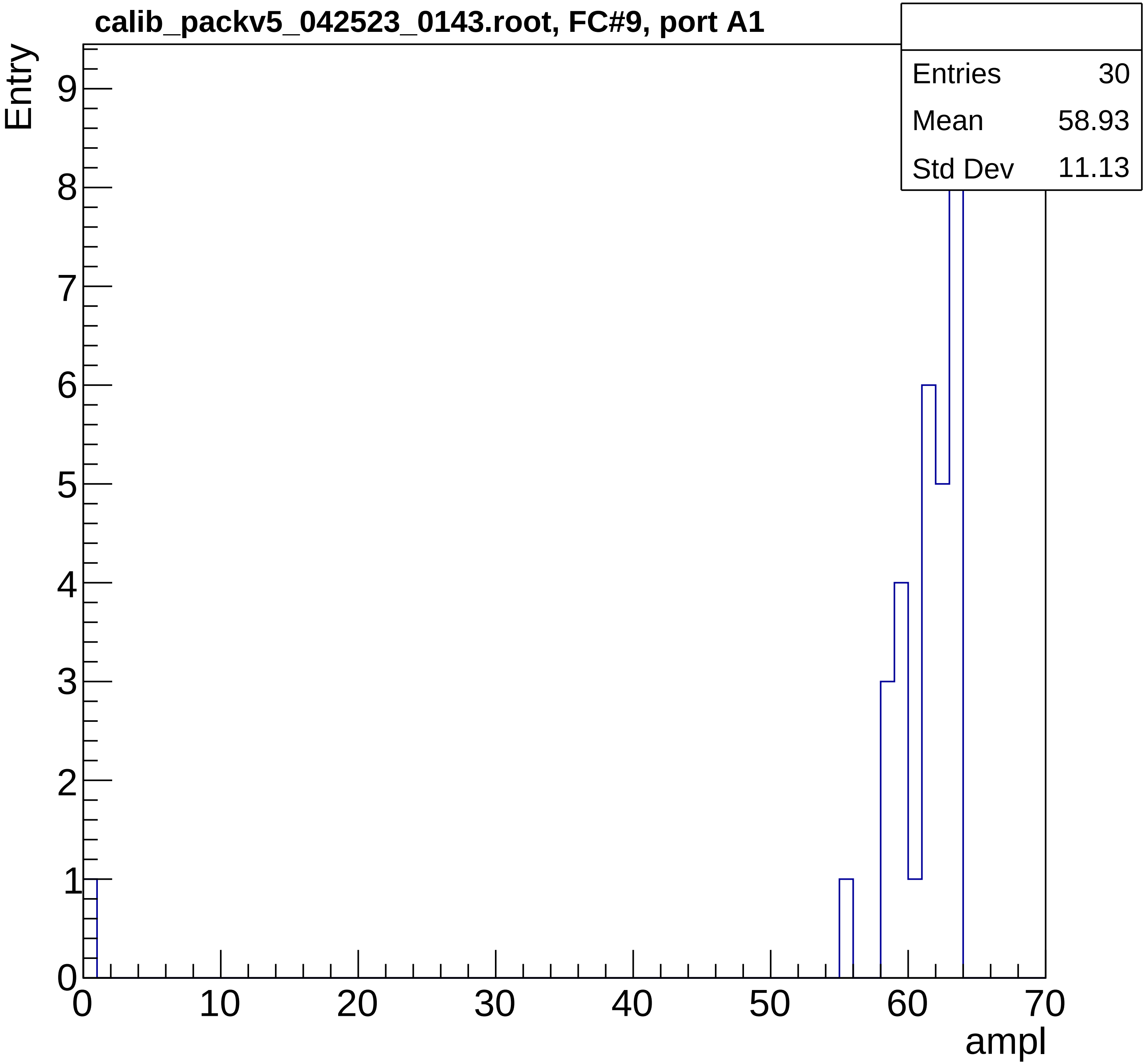

B0L001S, U21-ch61, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 46.4
Std Dev 3.232
Gaus mean : 46.7905
Gaus Width: 3.1815
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

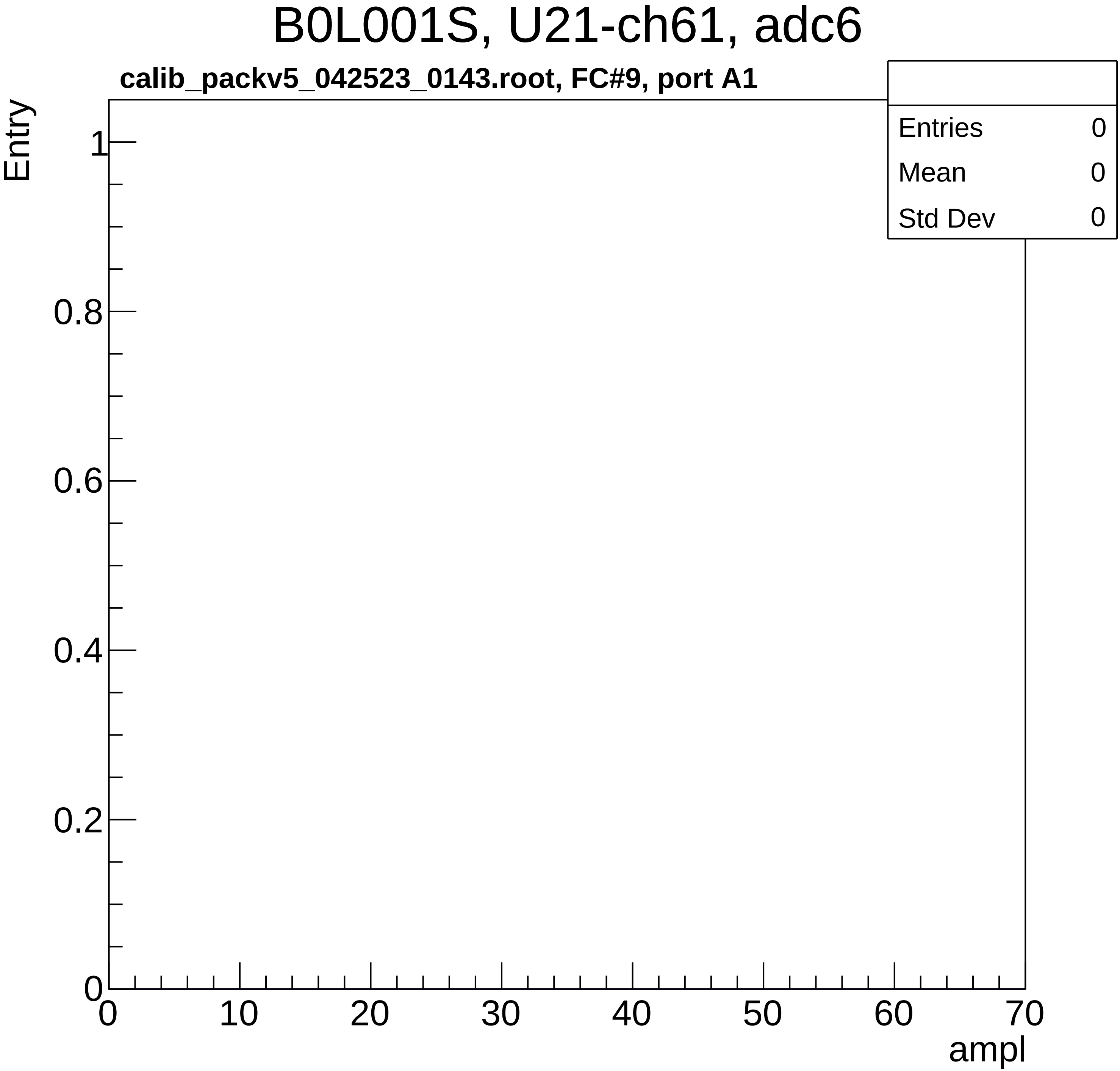

B0L001S, U21-ch61, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 52.37
Std Dev 3.167
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

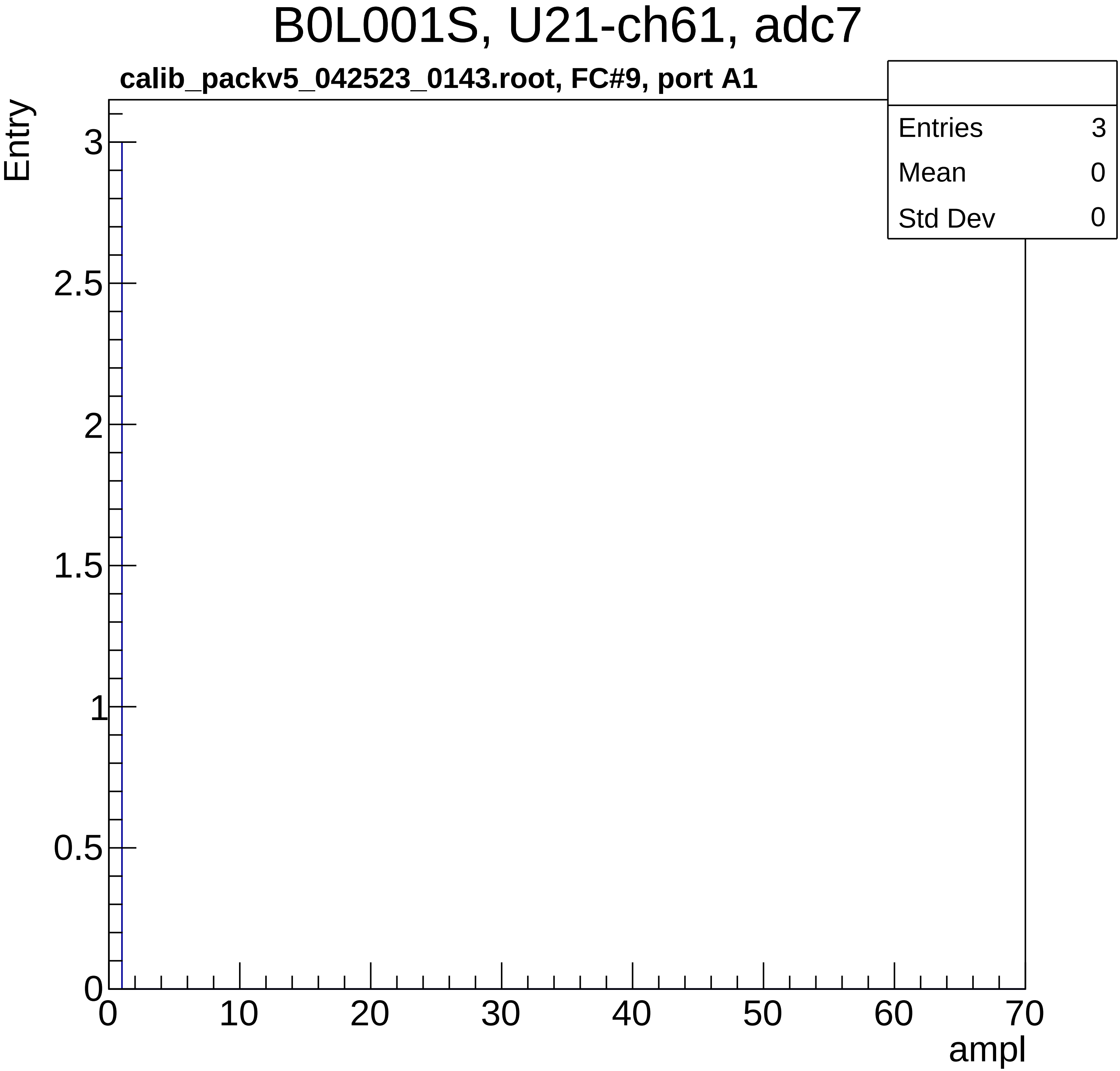

B0L001S, U21-ch61, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 58.1
Std Dev 2.644
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

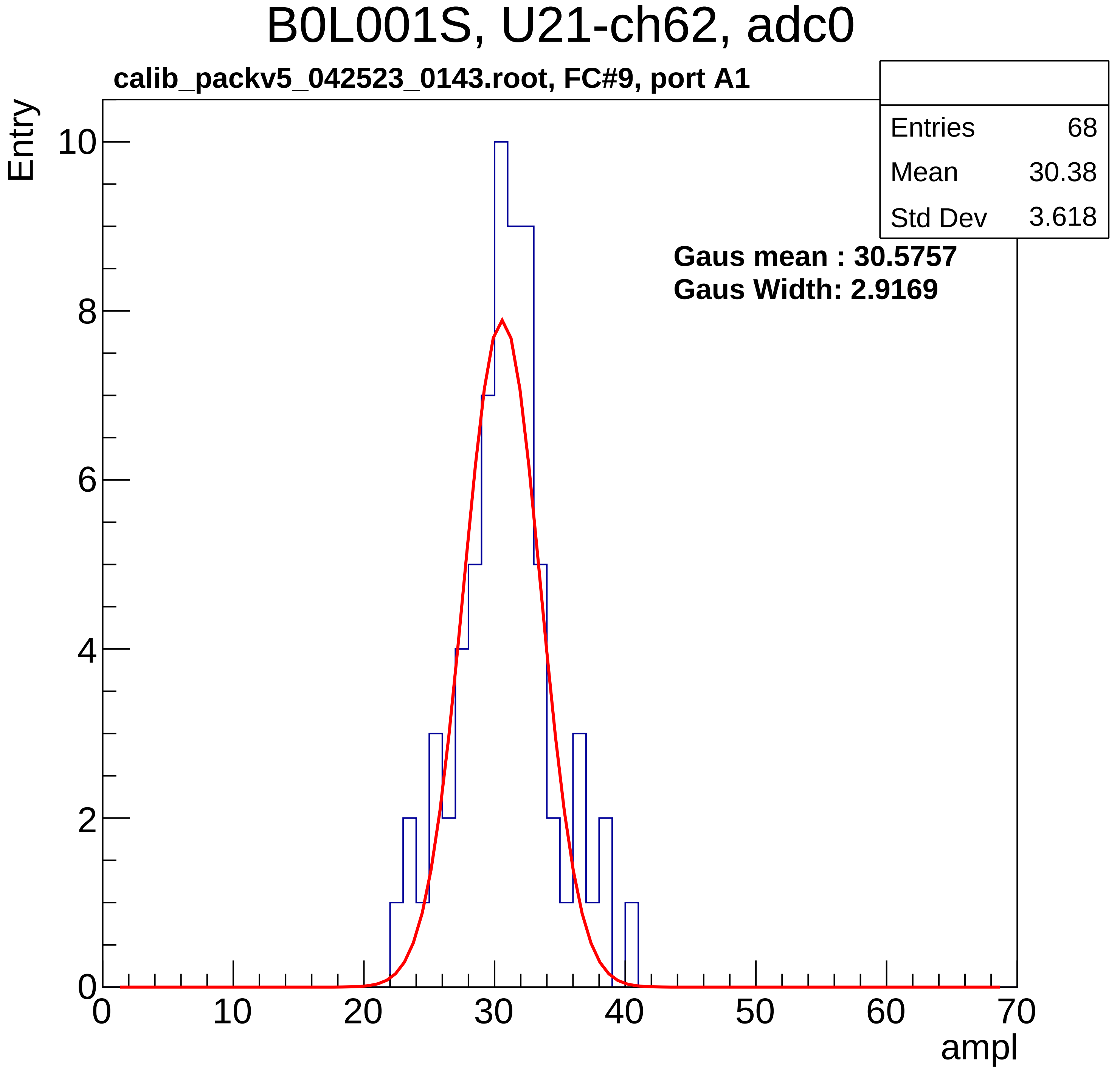
B0L001S, U21-ch61, adc5

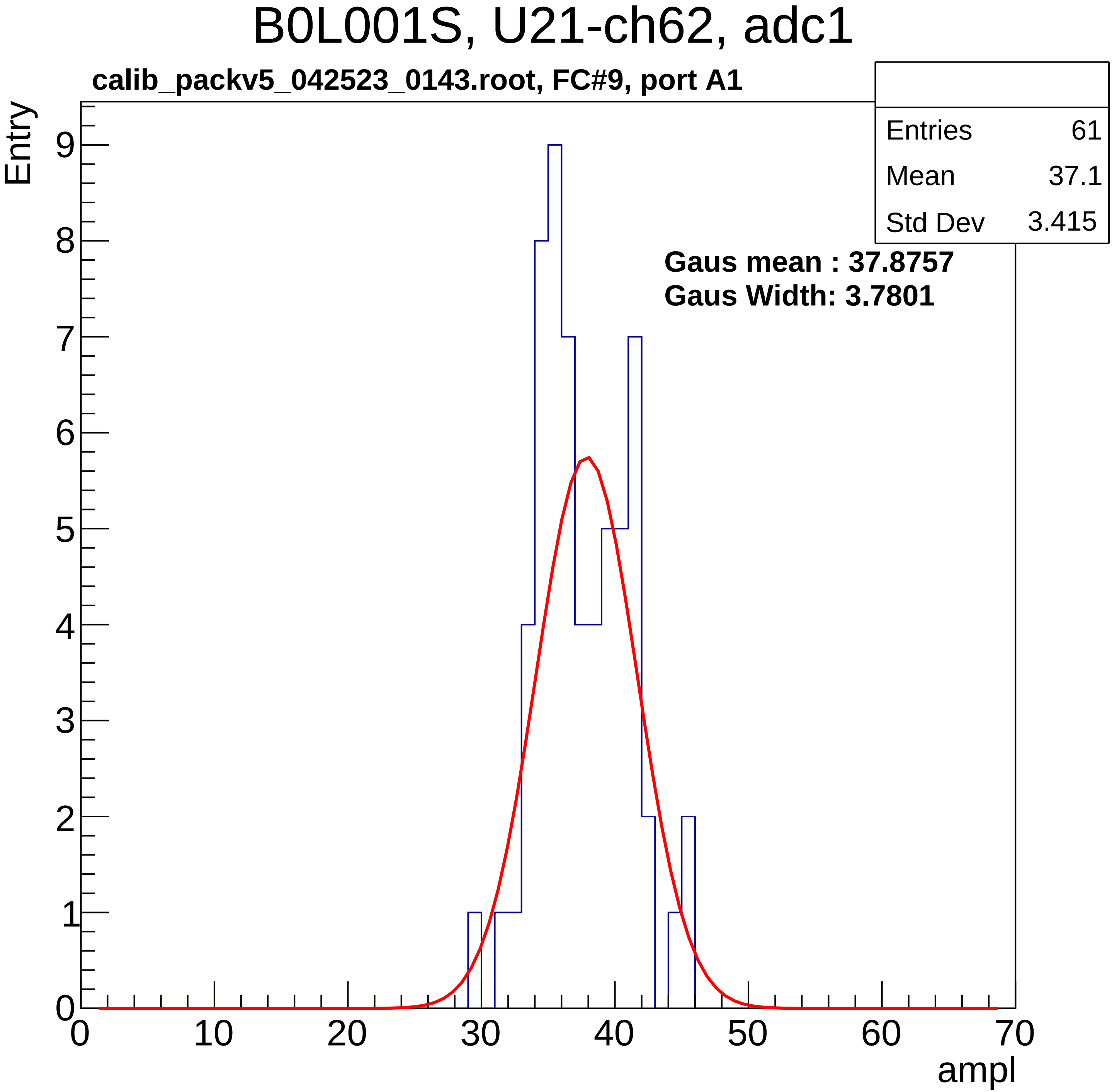
calib_packv5_042523_0143.root, FC#9, port A1

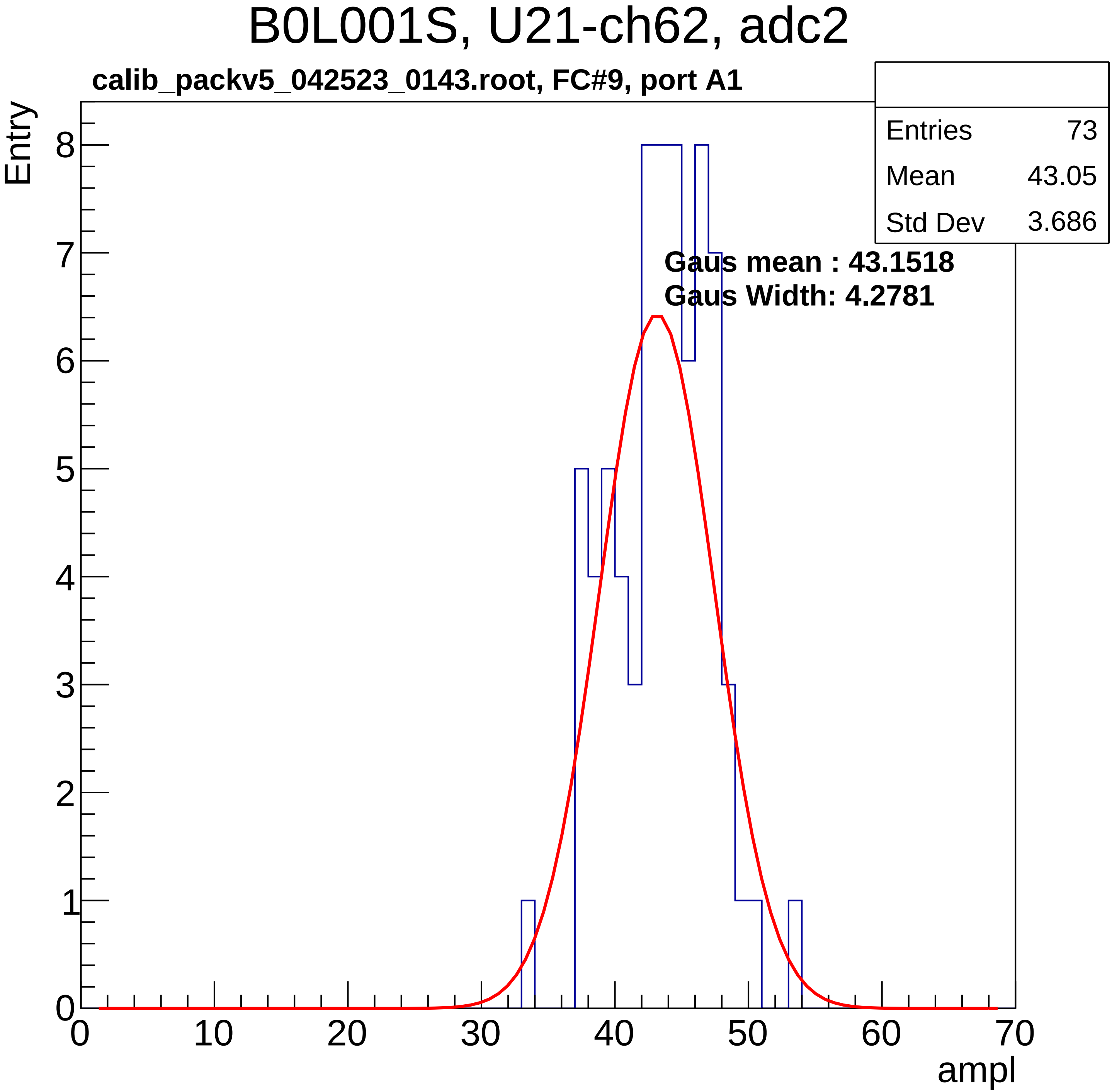


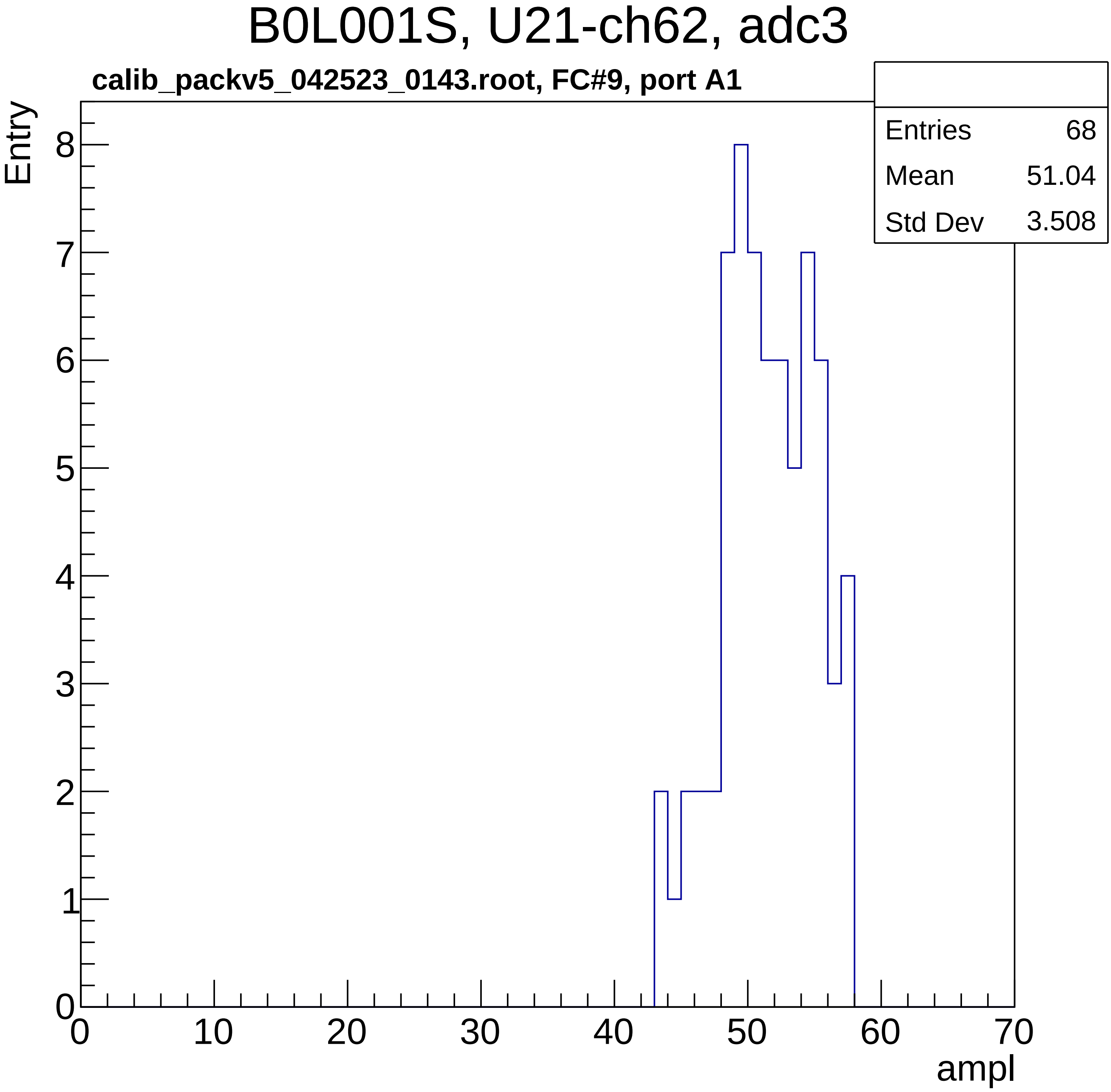

B0L001S, U21-ch61, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

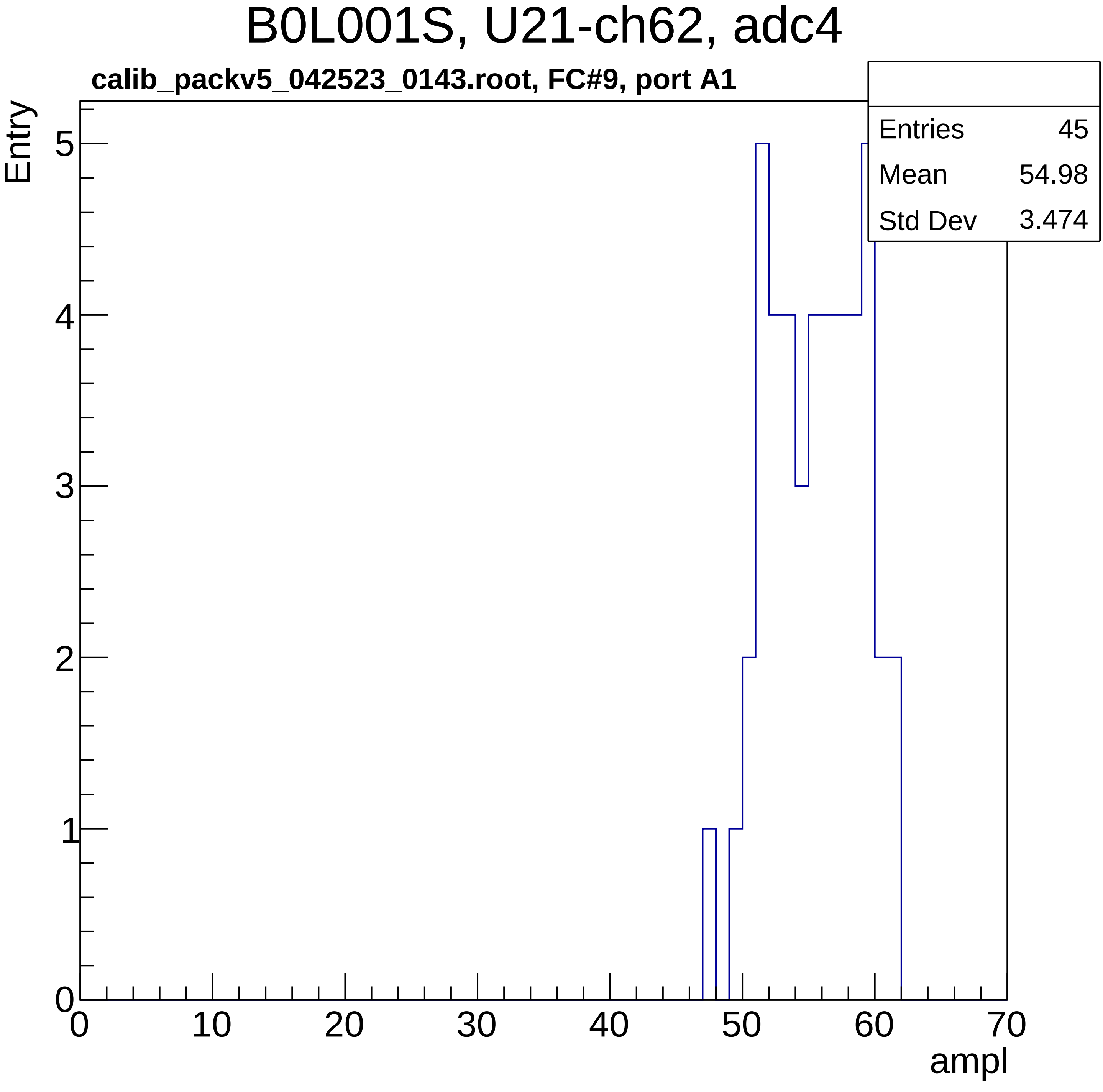

B0L001S, U21-ch61, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch62, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 30.38
Std Dev 3.618
Gaus mean : 30.5757
Gaus Width: 2.9169
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch62, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 37.1
Std Dev 3.415
Gaus mean : 37.8757
Gaus Width: 3.7801
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

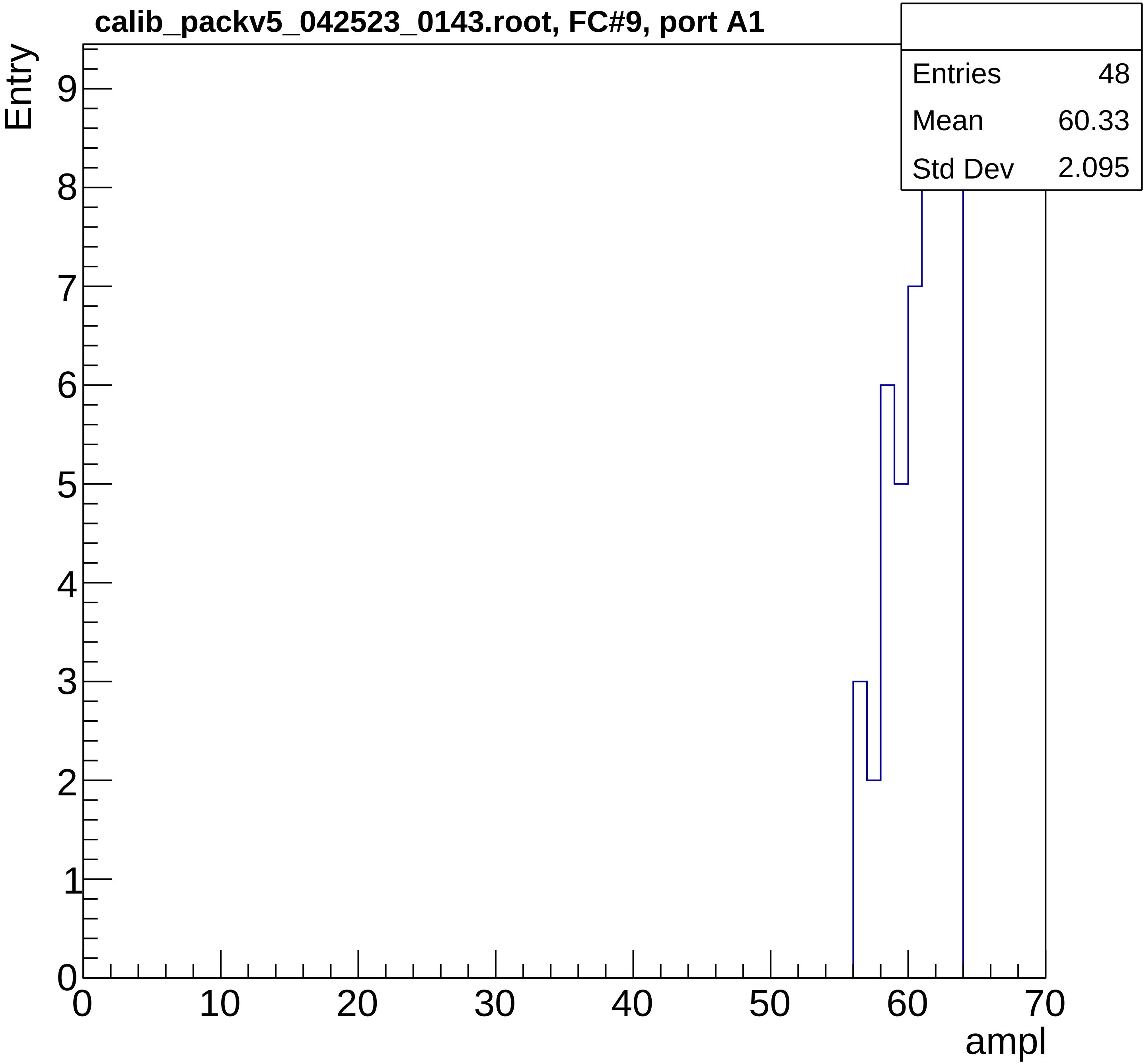

B0L001S, U21-ch62, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 73
Mean 43.05
Std Dev 3.686
Gaus mean : 43.1518
Gaus Width: 4.2781
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

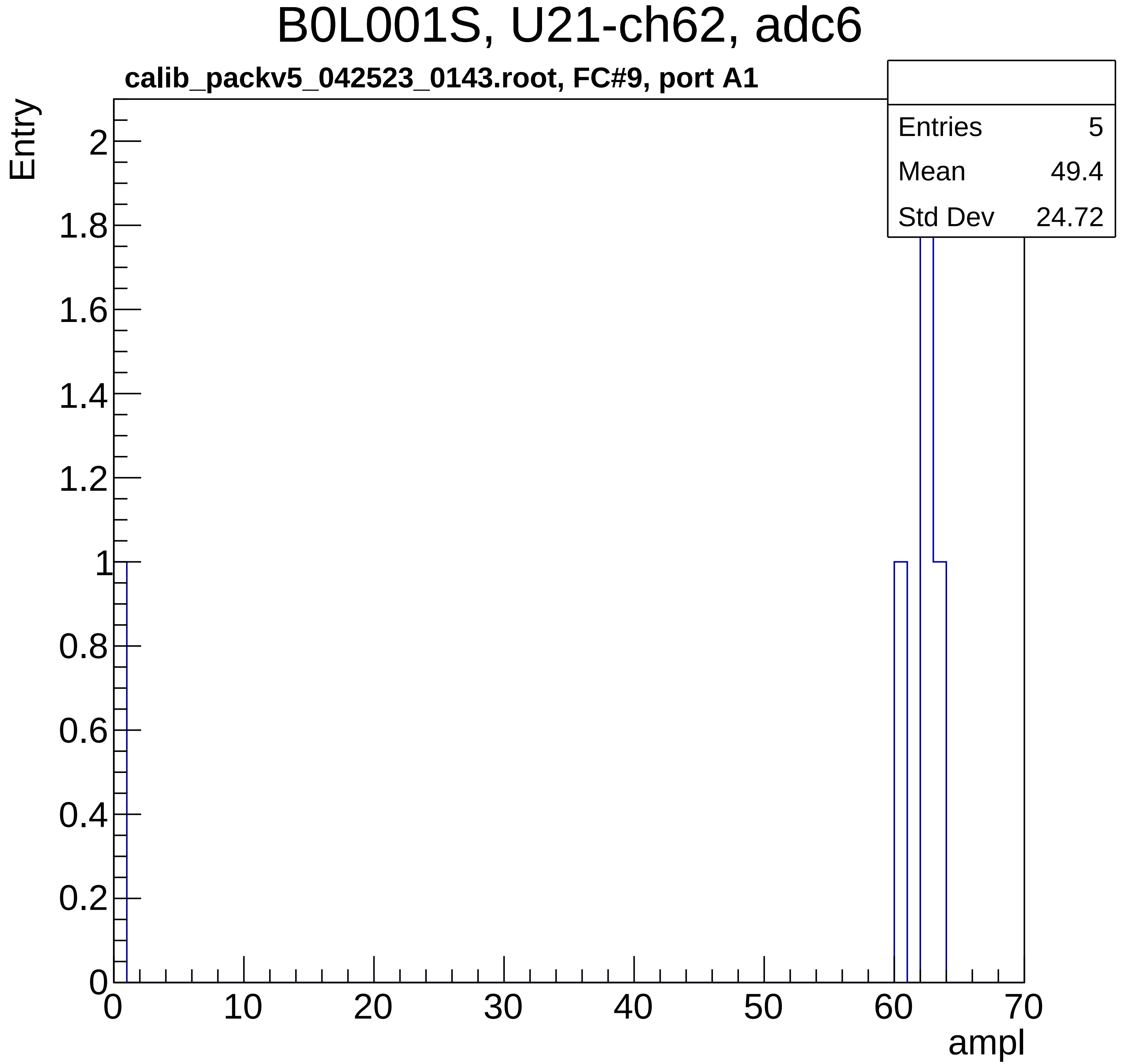

B0L001S, U21-ch62, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 51.04
Std Dev 3.508
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

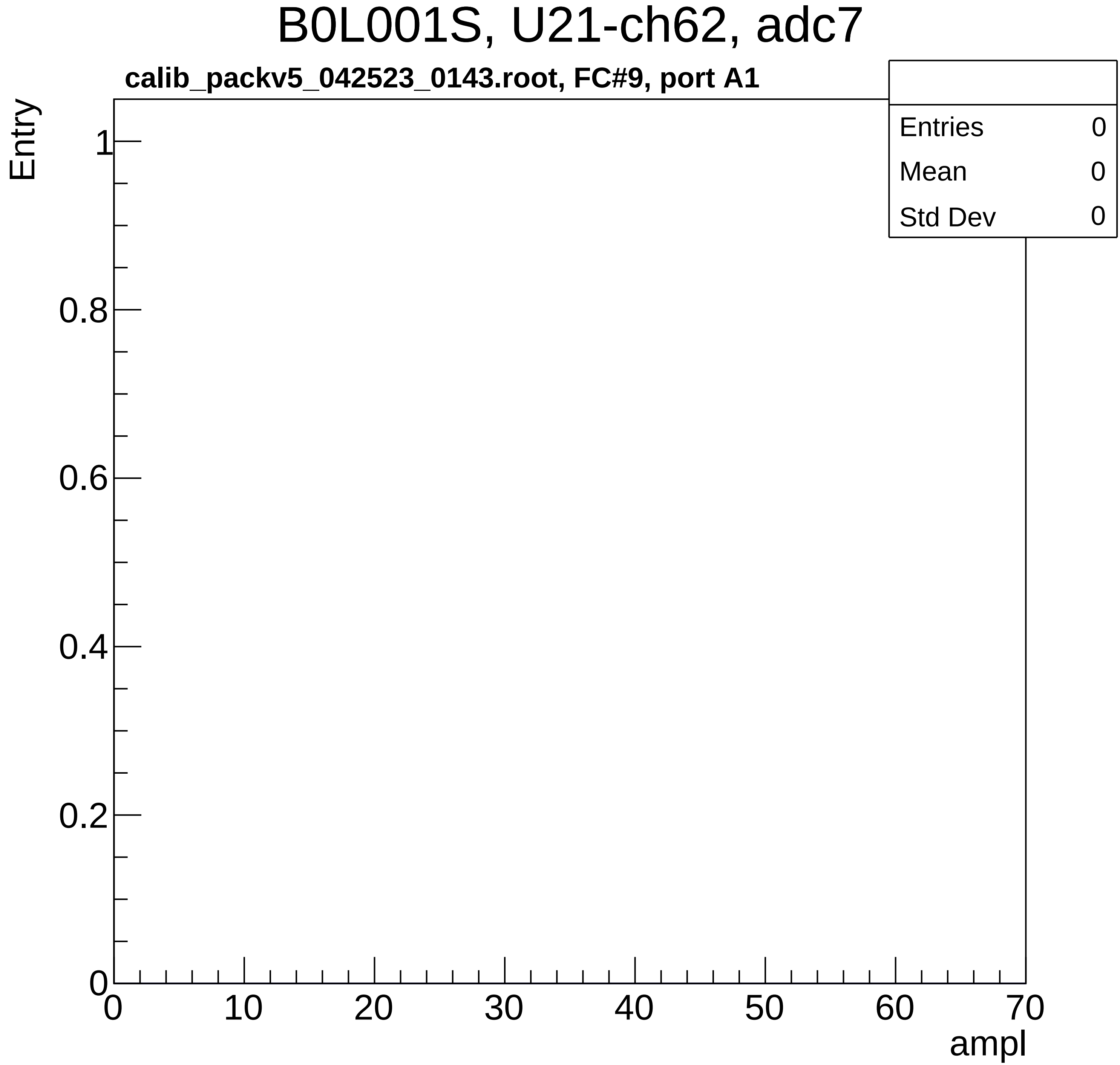

B0L001S, U21-ch62, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 54.98
Std Dev 3.474
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

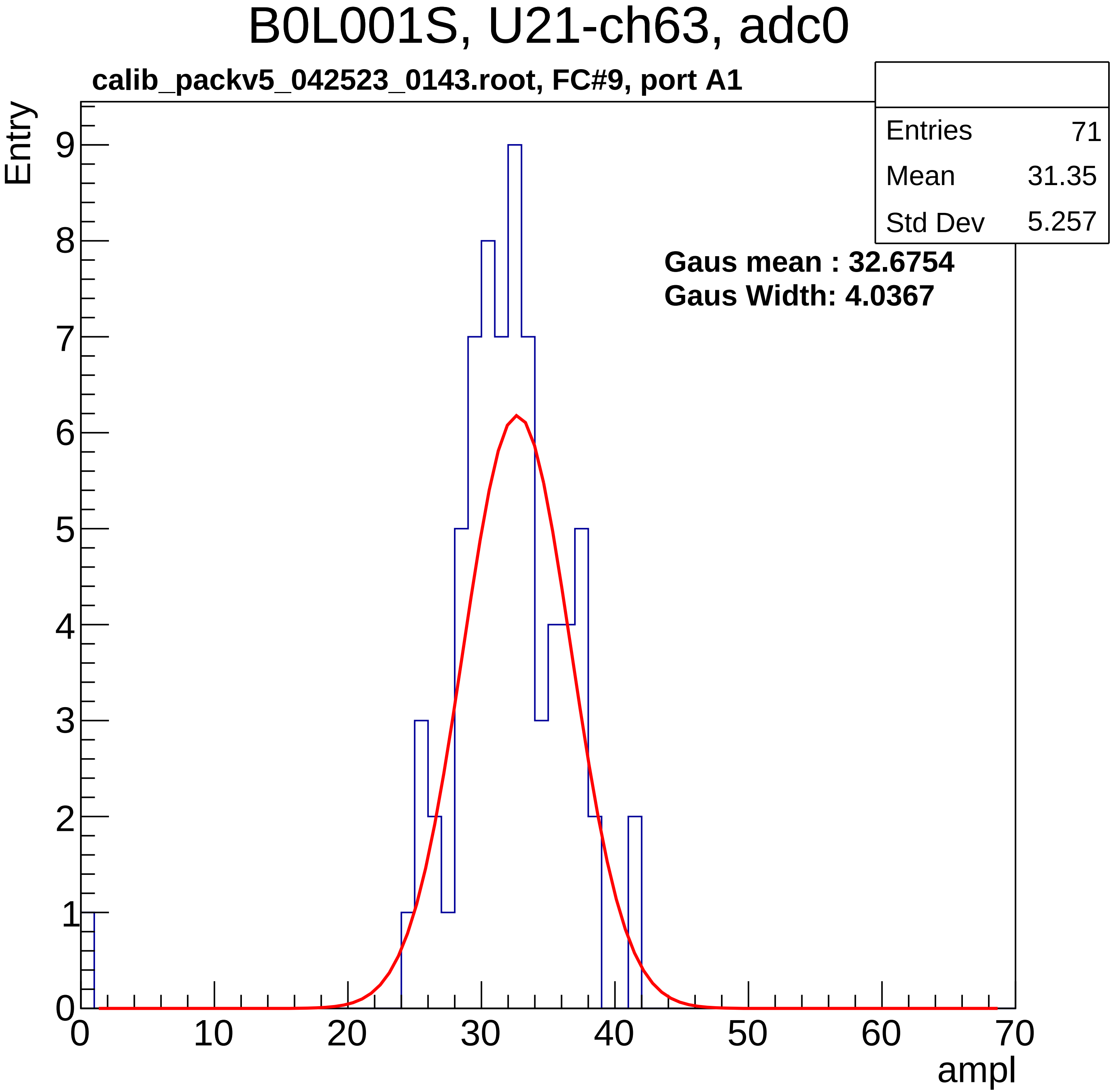
B0L001S, U21-ch62, adc5

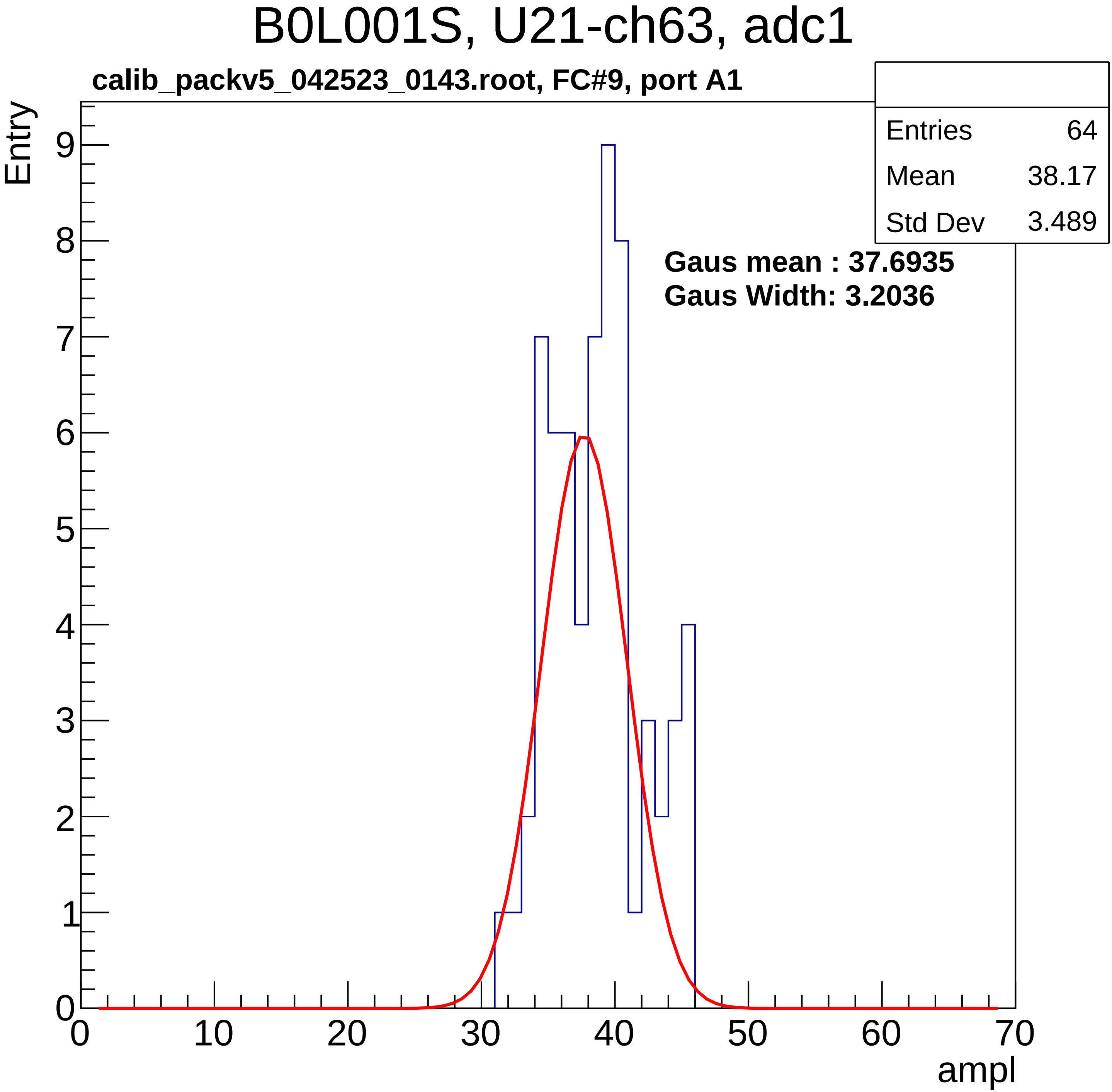
calib_packv5_042523_0143.root, FC#9, port A1

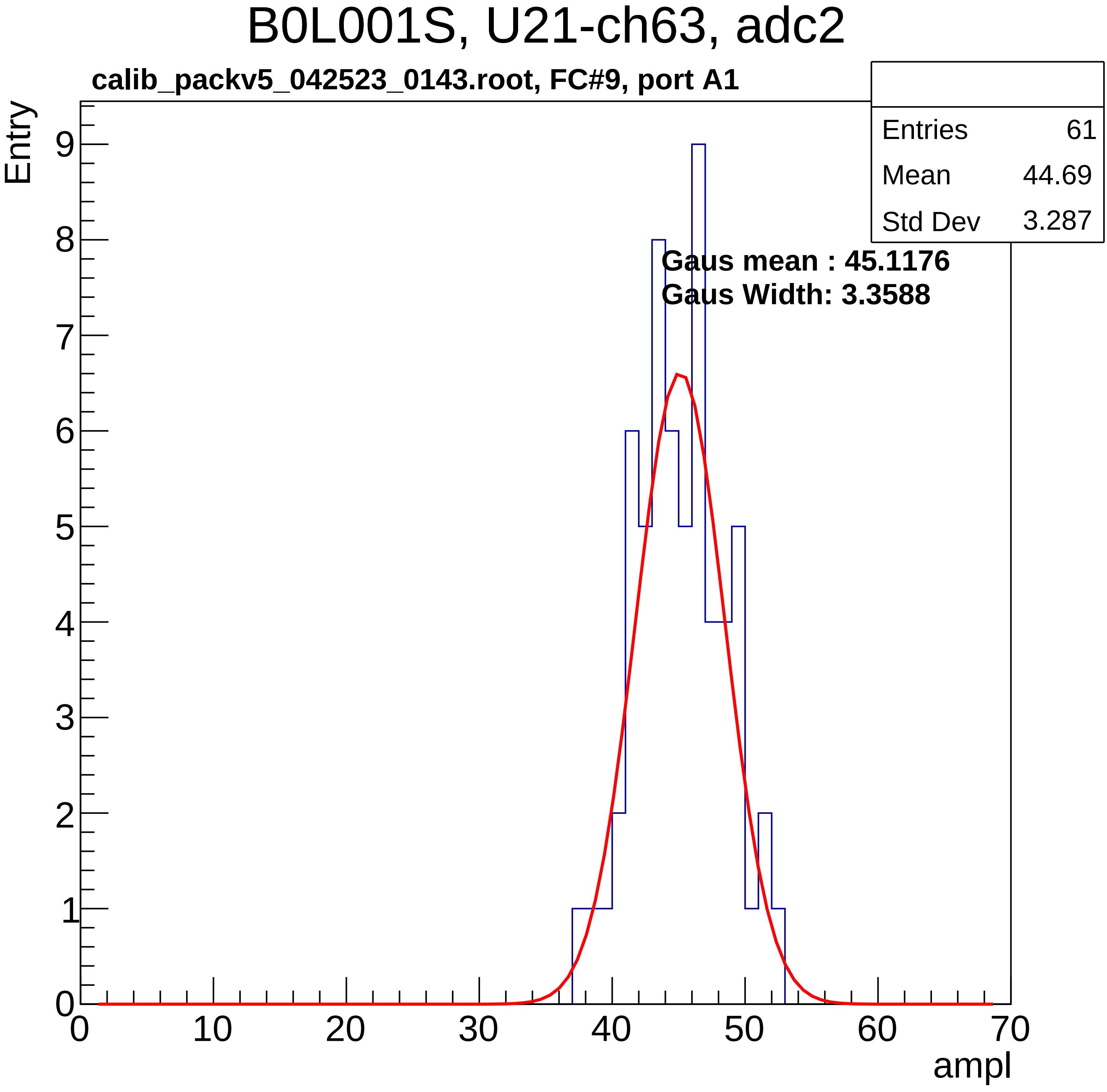


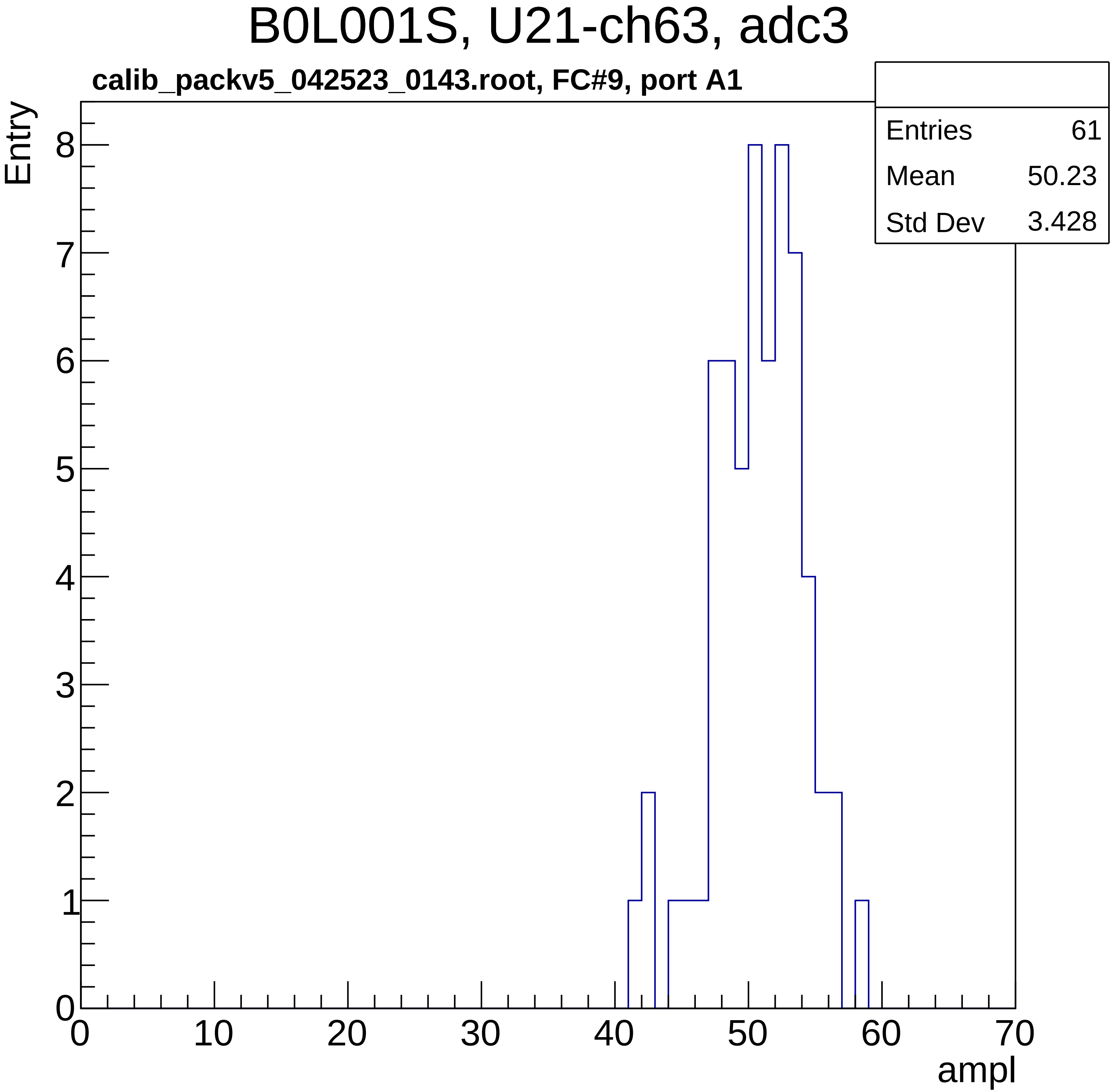

B0L001S, U21-ch62, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 5
Mean 49.4
Std Dev 24.72
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch62, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch63, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 71
Mean 31.35
Std Dev 5.257
Gaus mean : 32.6754
Gaus Width: 4.0367
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

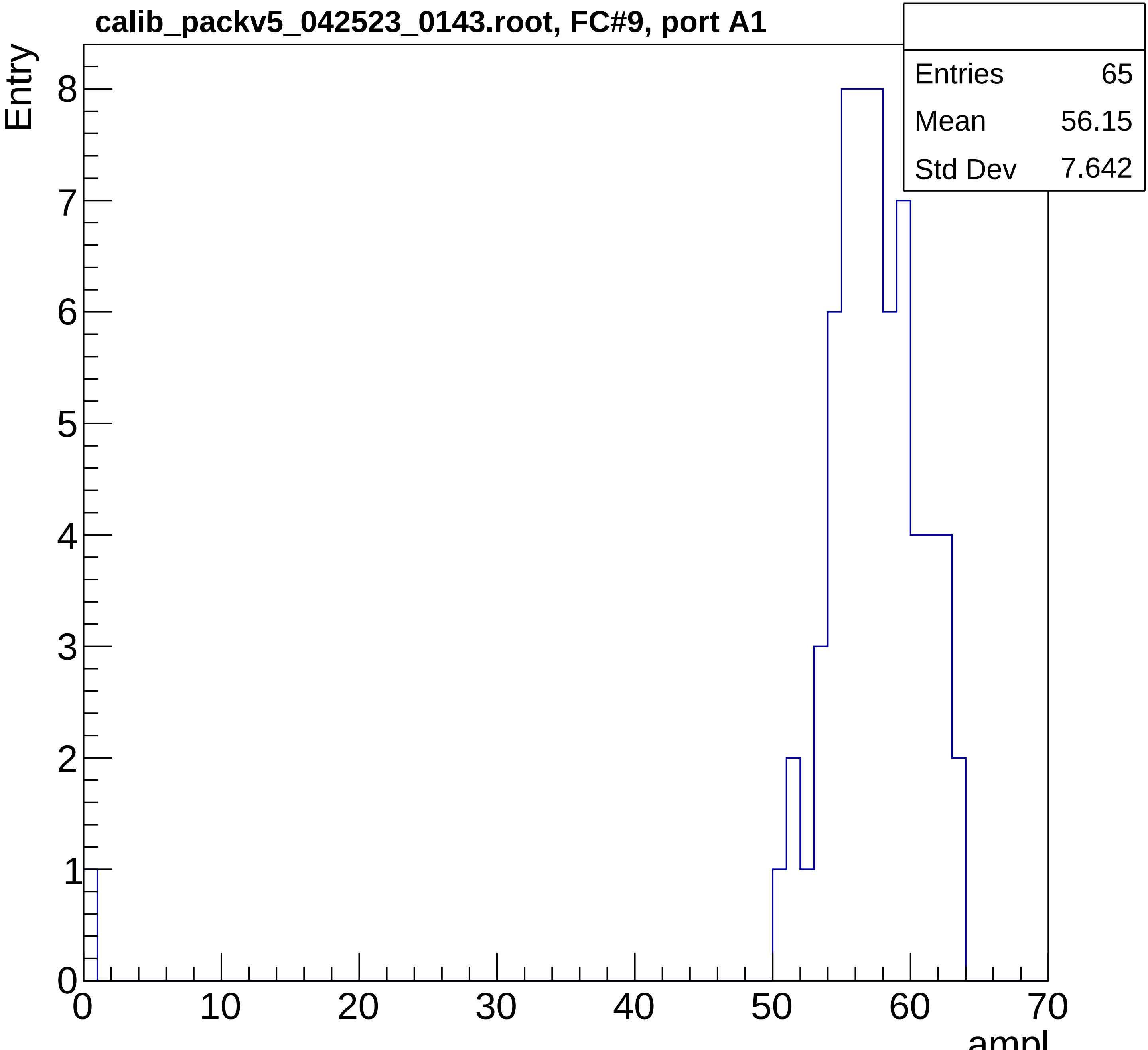

B0L001S, U21-ch63, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 64
Mean 38.17
Std Dev 3.489
Gaus mean : 37.6935
Gaus Width: 3.2036
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

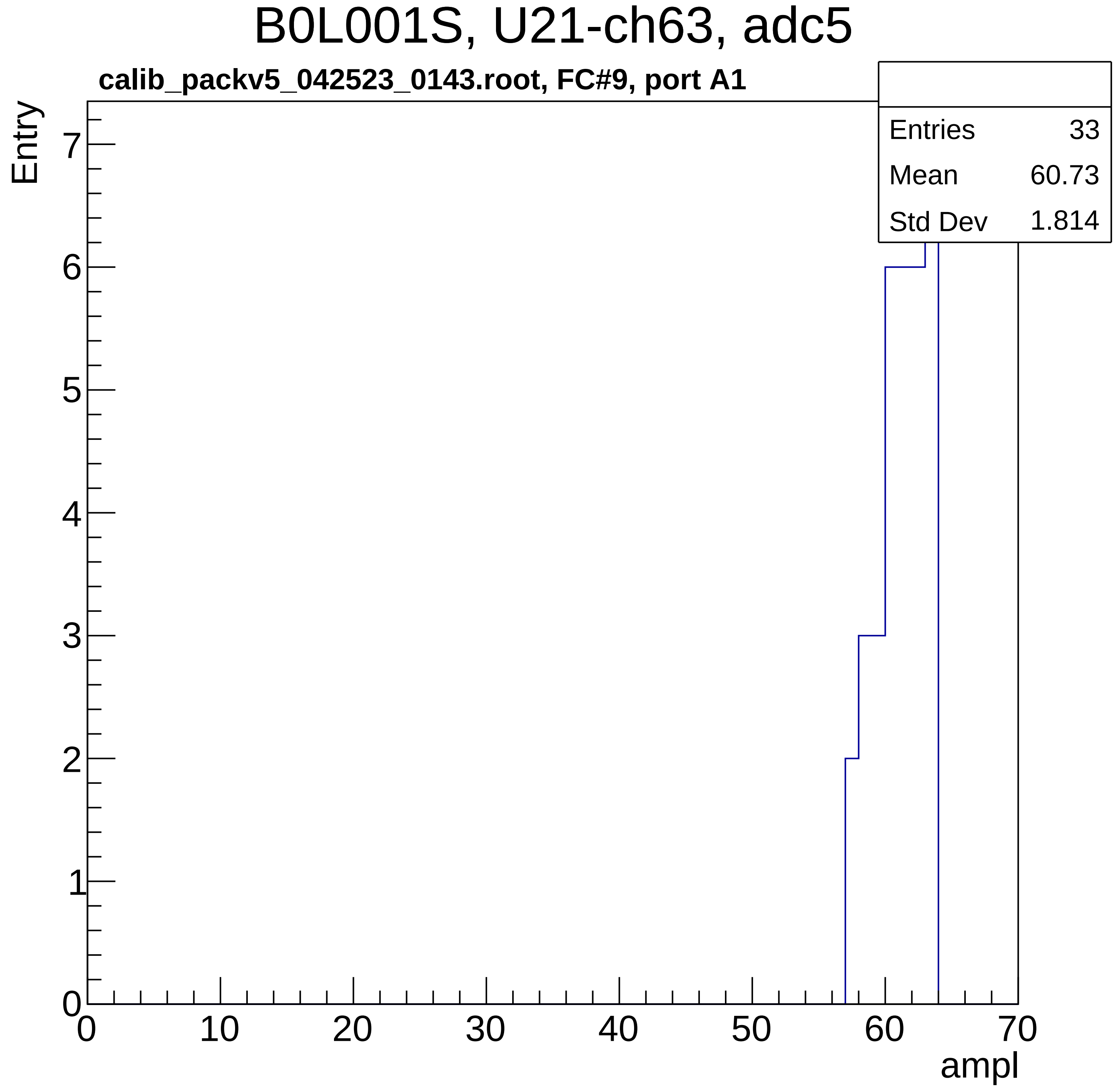

B0L001S, U21-ch63, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 44.69
Std Dev 3.287
Gaus mean : 45.1176
Gaus Width: 3.3588
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

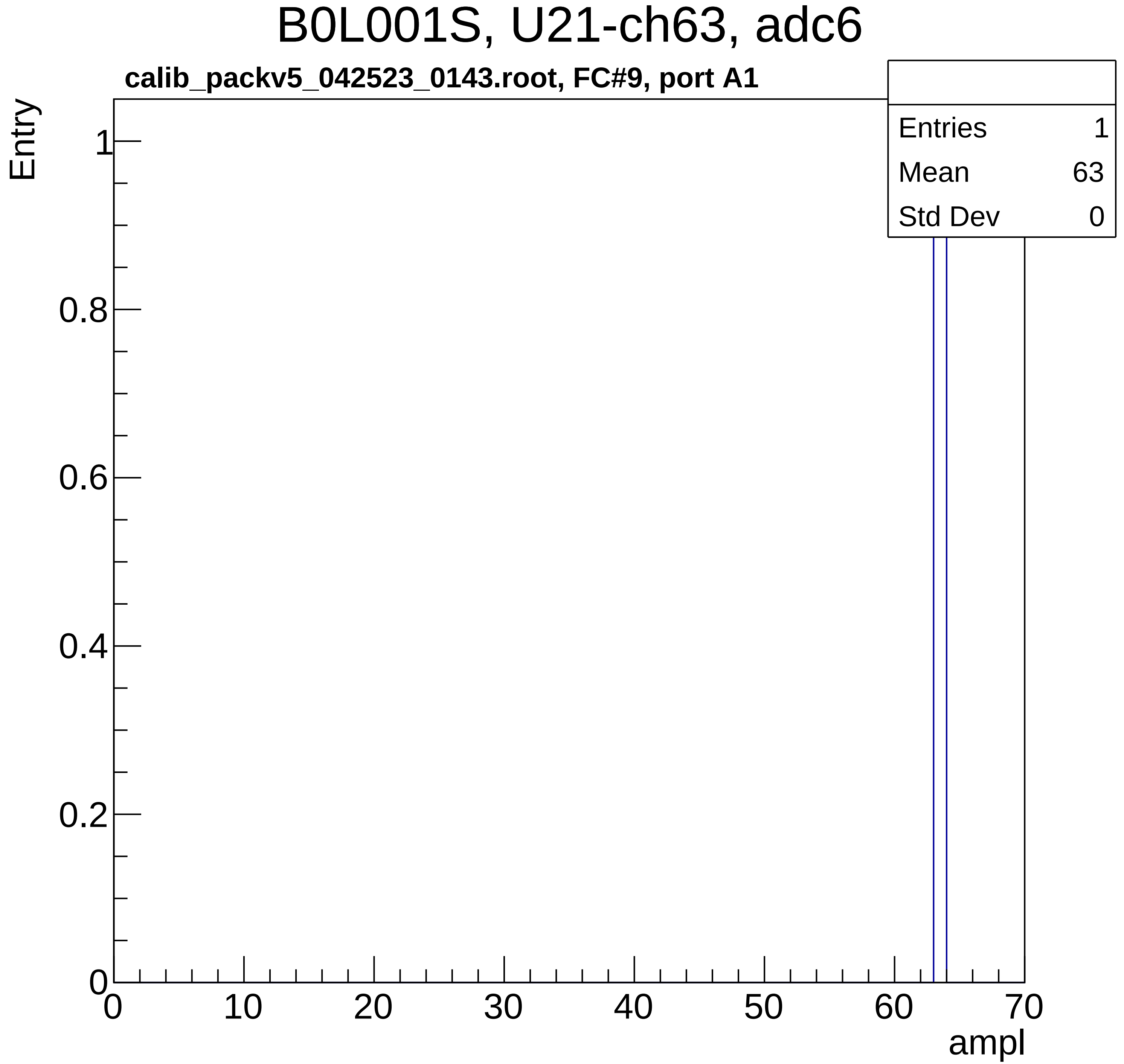

B0L001S, U21-ch63, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 61
Mean 50.23
Std Dev 3.428
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch63, adc4

calib_packv5_042523_0143.root, FC#9, port A1

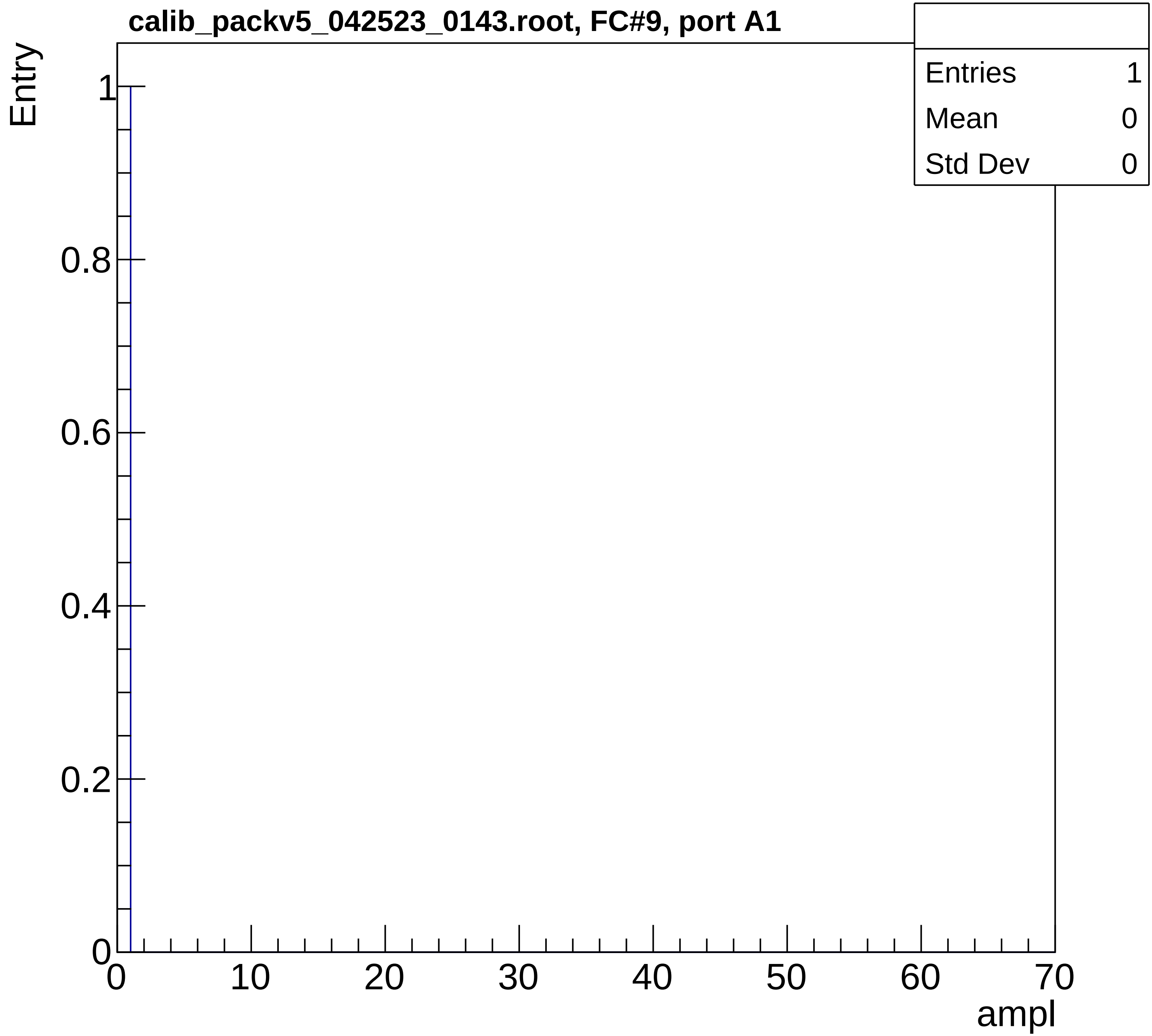


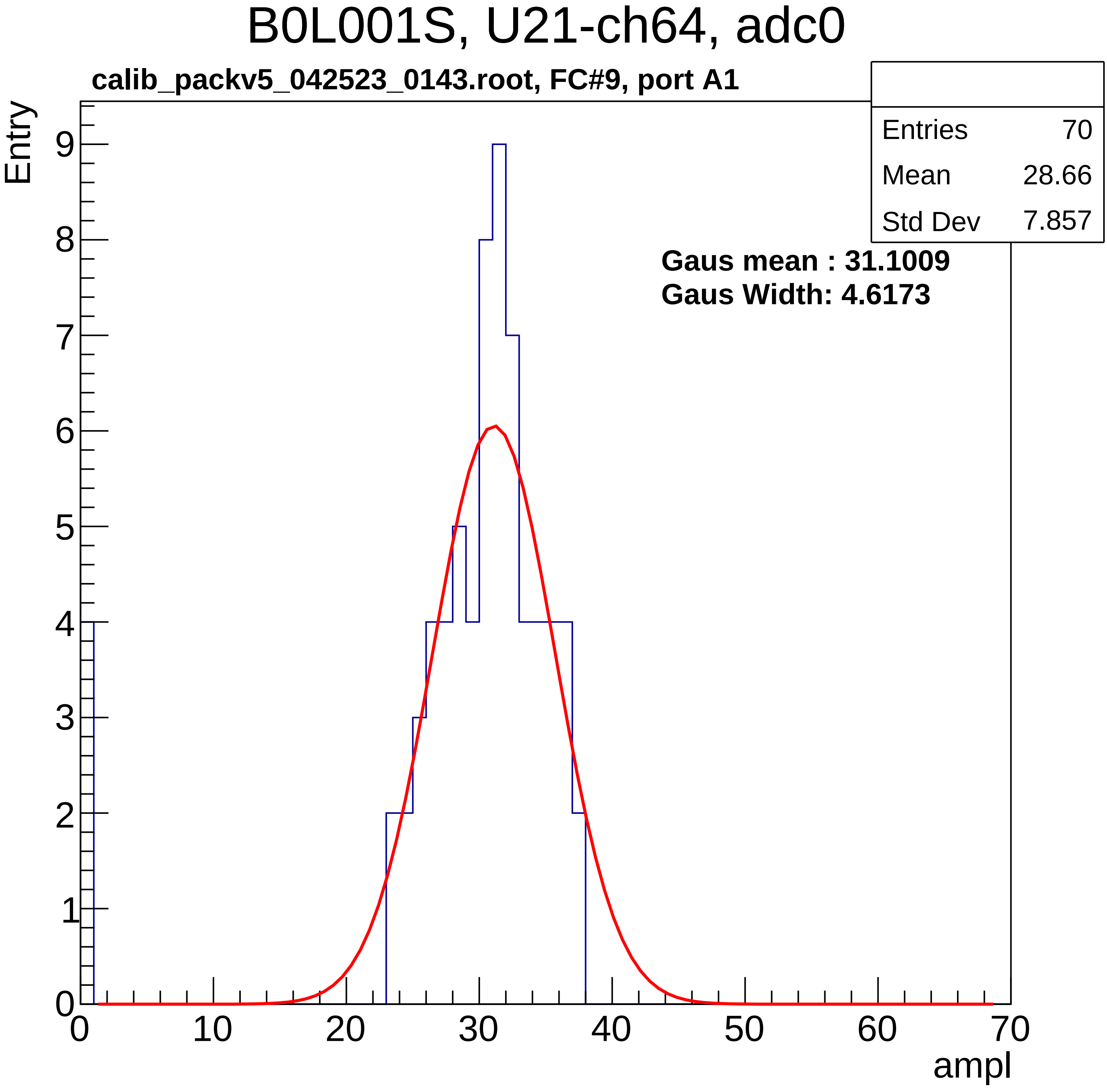

B0L001S, U21-ch63, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 33
Mean 60.73
Std Dev 1.814
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

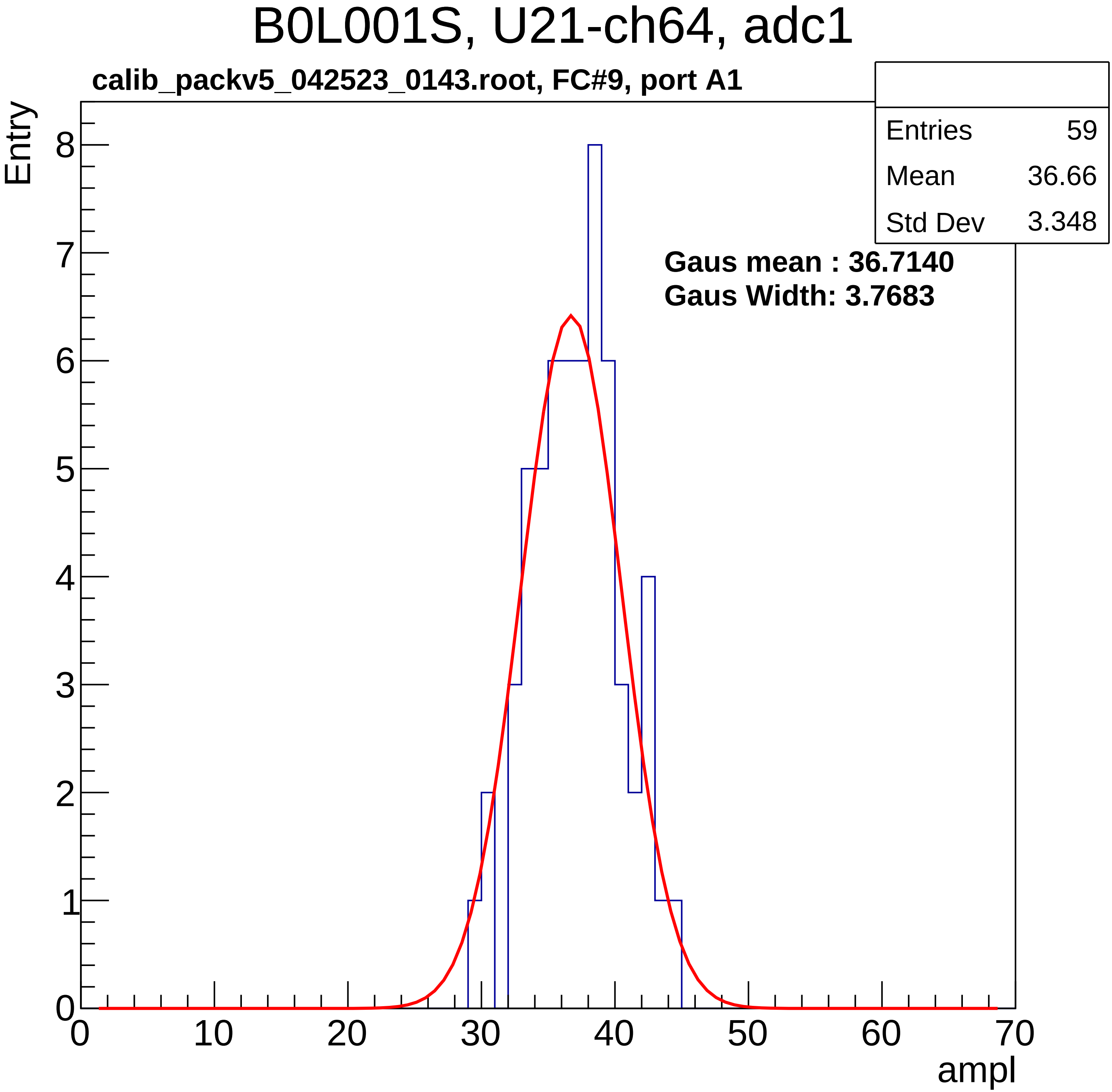


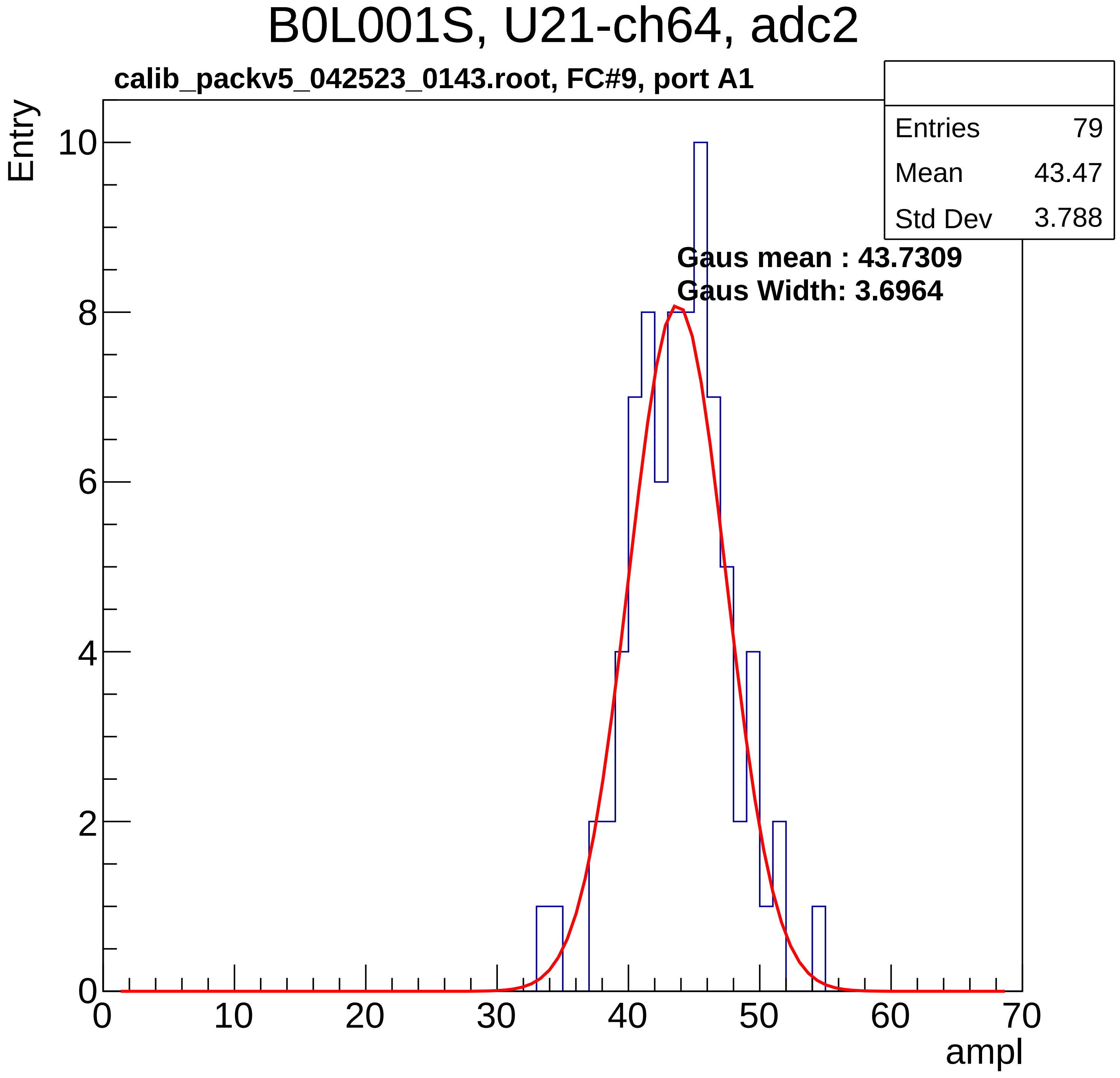
B0L001S, U21-ch63, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

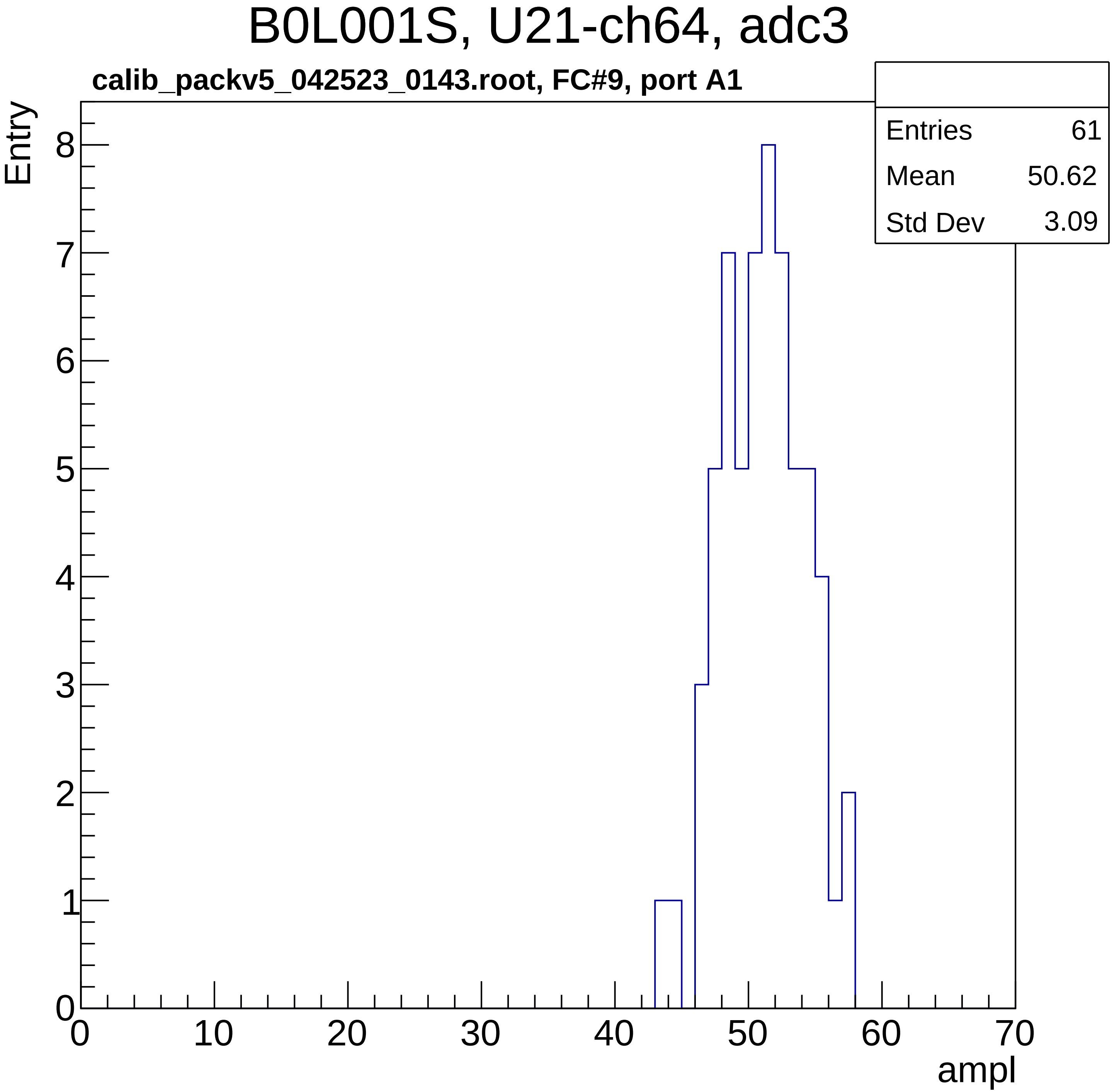
B0L001S, U21-ch63, adc7

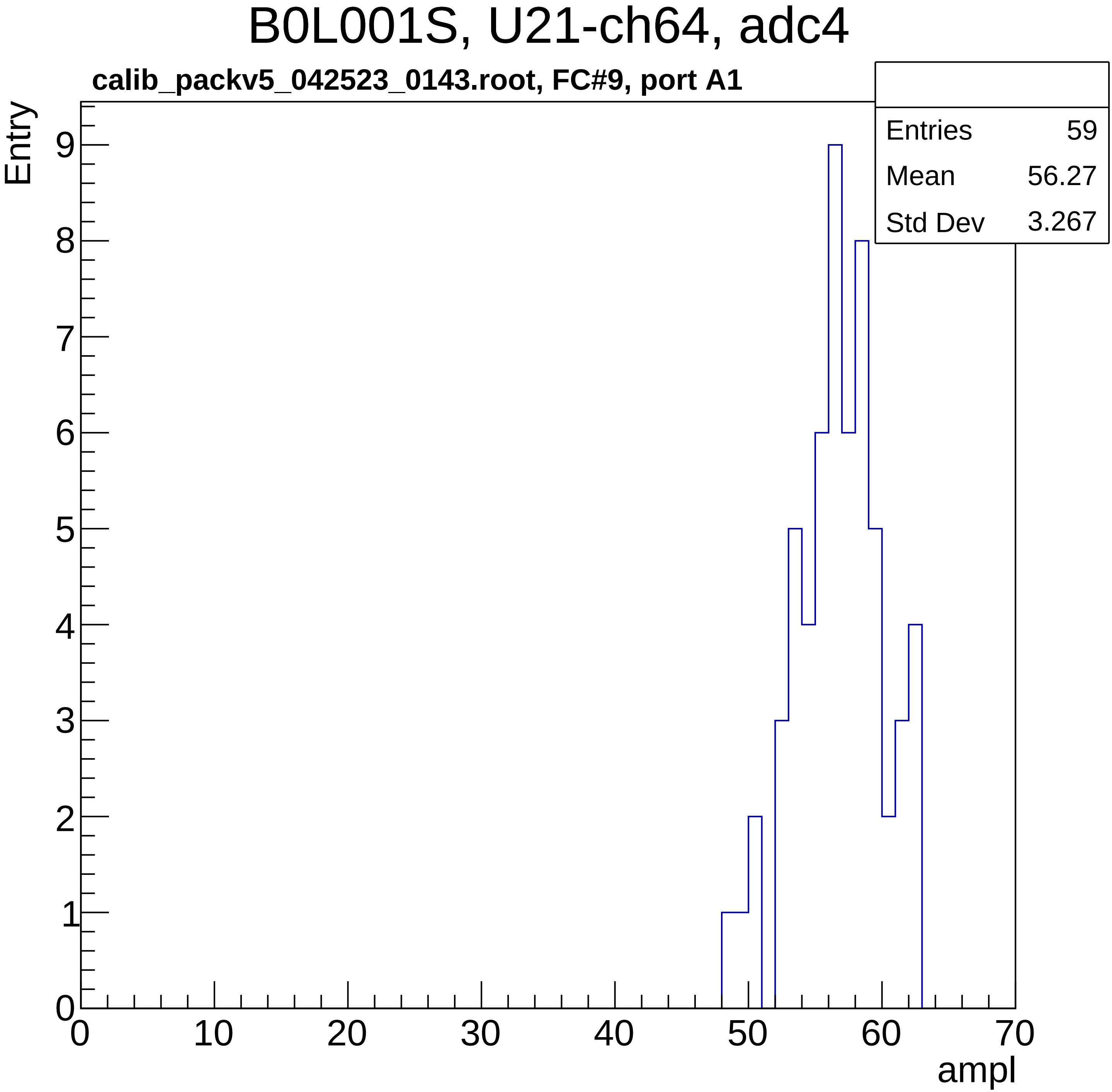


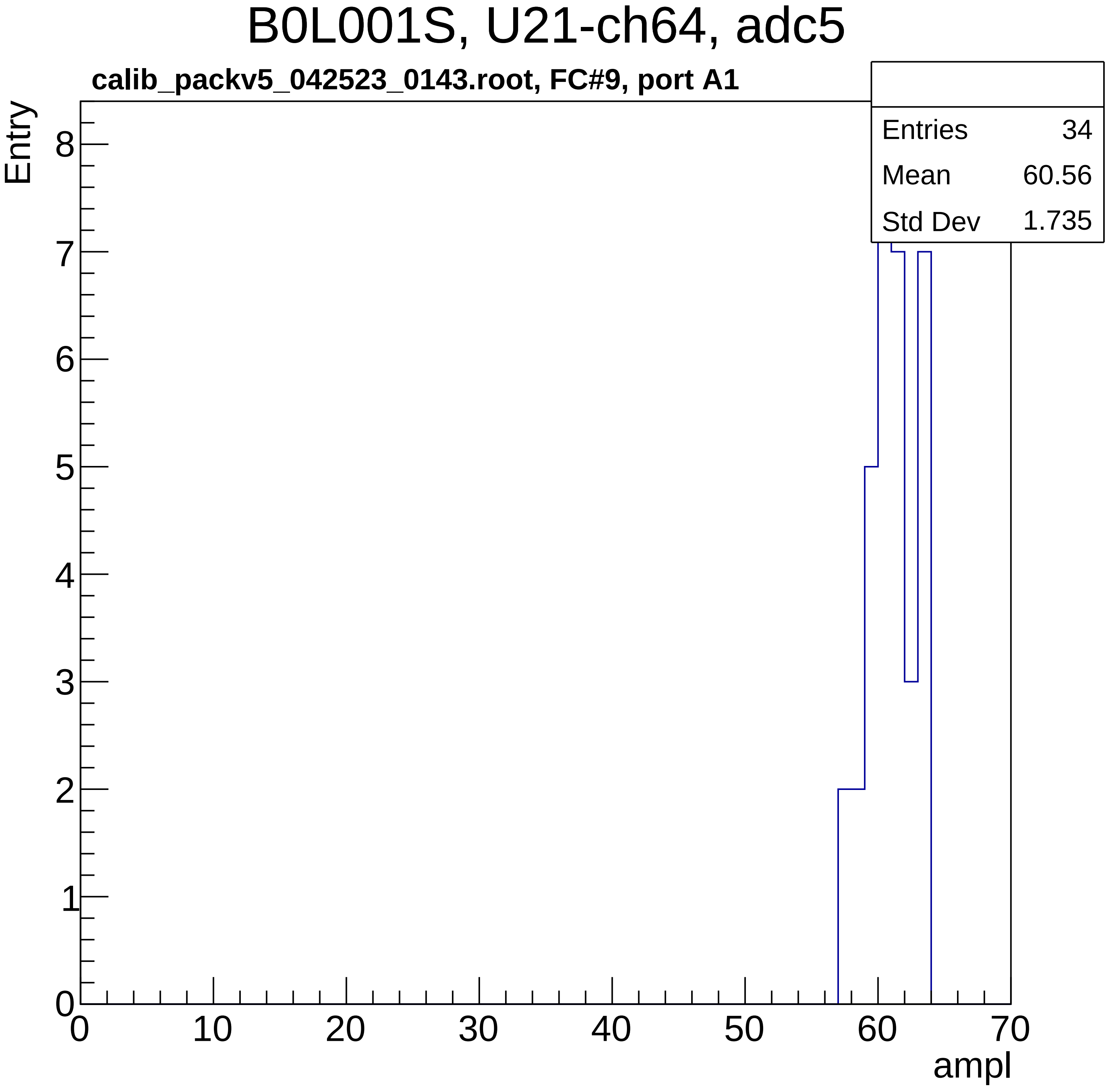

B0L001S, U21-ch64, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 28.66
Std Dev 7.857
Gaus mean : 31.1009
Gaus Width: 4.6173
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

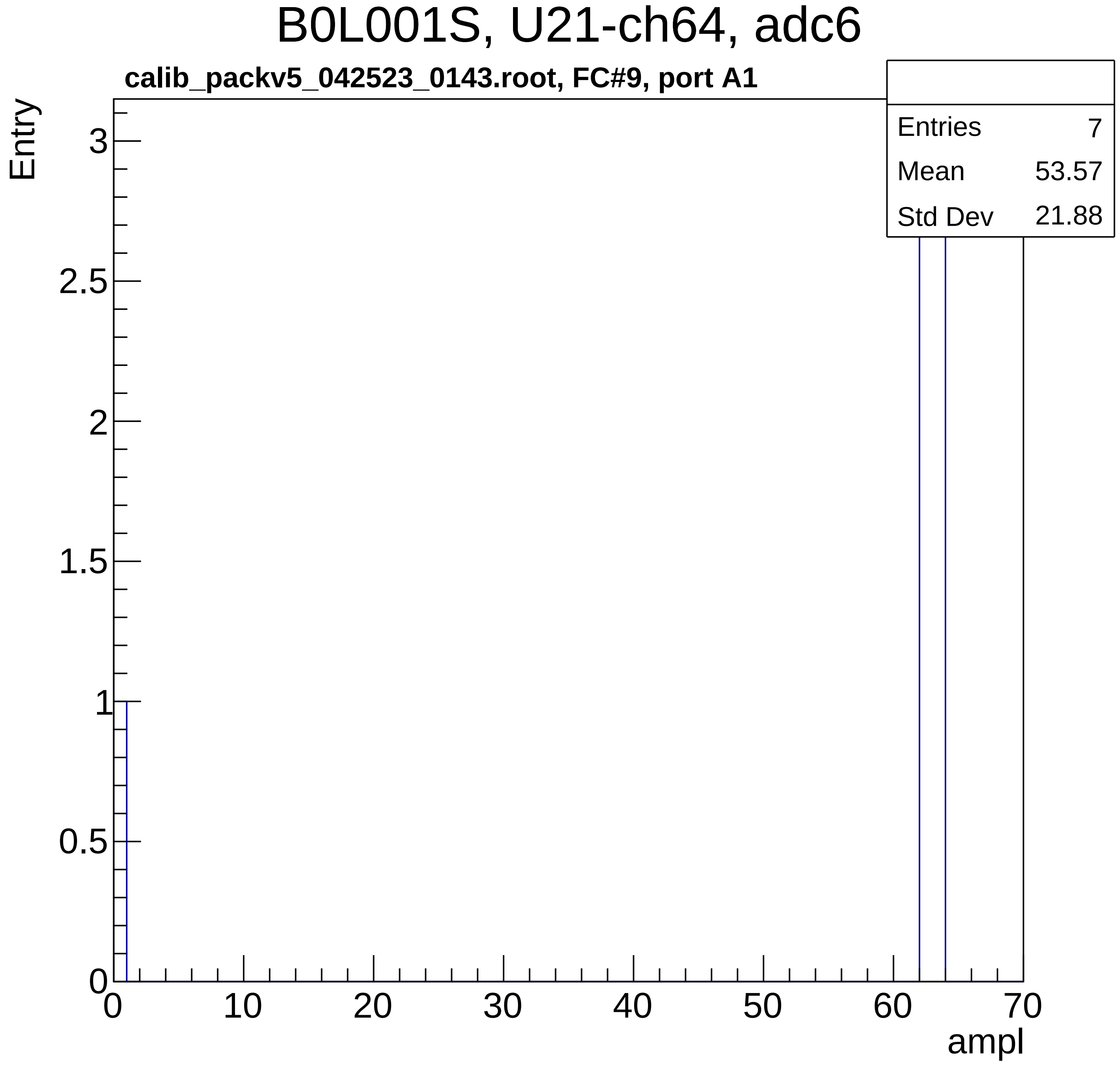

B0L001S, U21-ch64, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 59
Mean 36.66
Std Dev 3.348
Gaus mean : 36.7140
Gaus Width: 3.7683
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch64, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 43.47
Std Dev 3.788
Gaus mean : 43.7309
Gaus Width: 3.6964
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

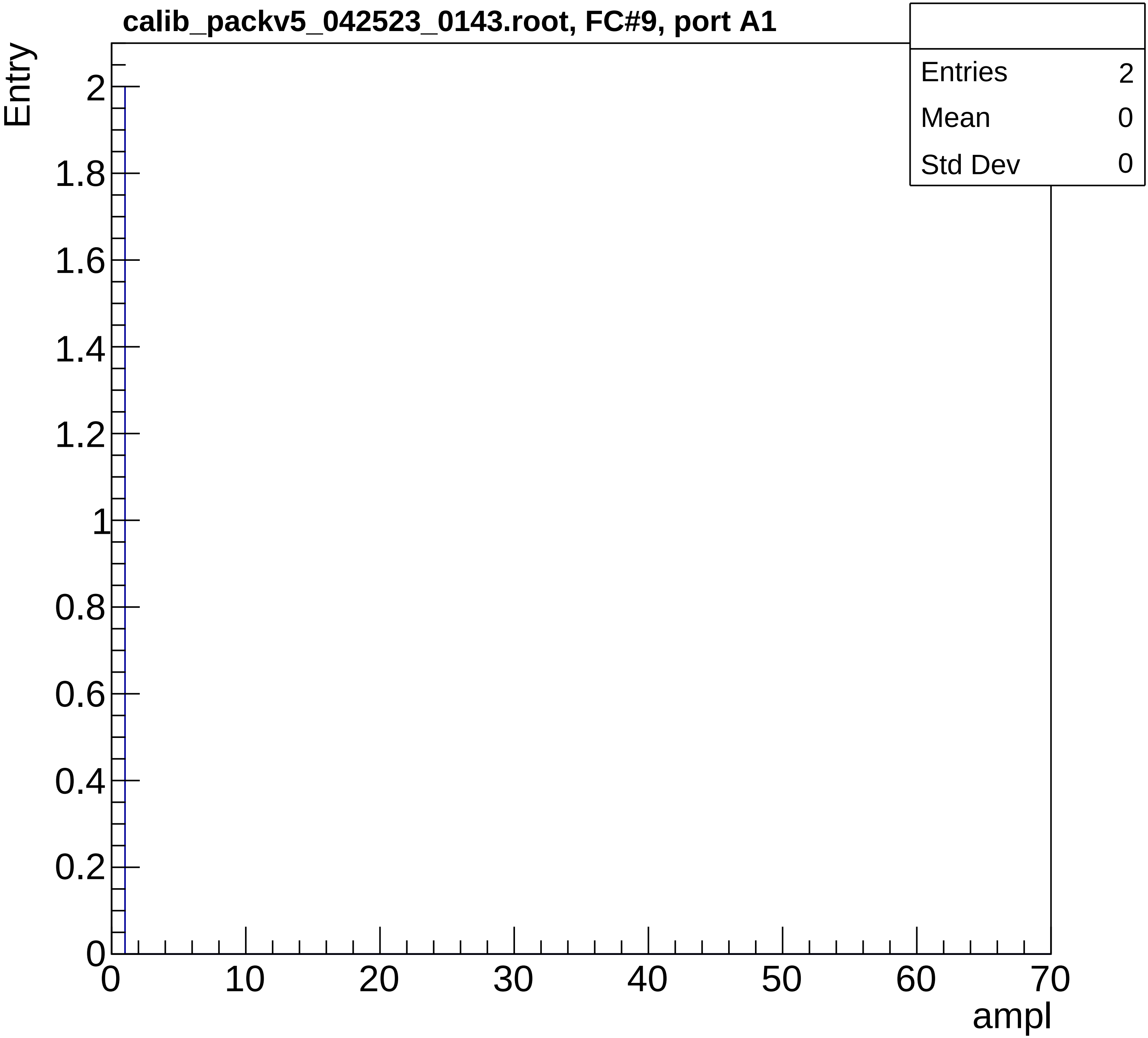

B0L001S, U21-ch64, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 50.62
Std Dev 3.09
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch64, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 56.27
Std Dev 3.267
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch64, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 34
Mean 60.56
Std Dev 1.735
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

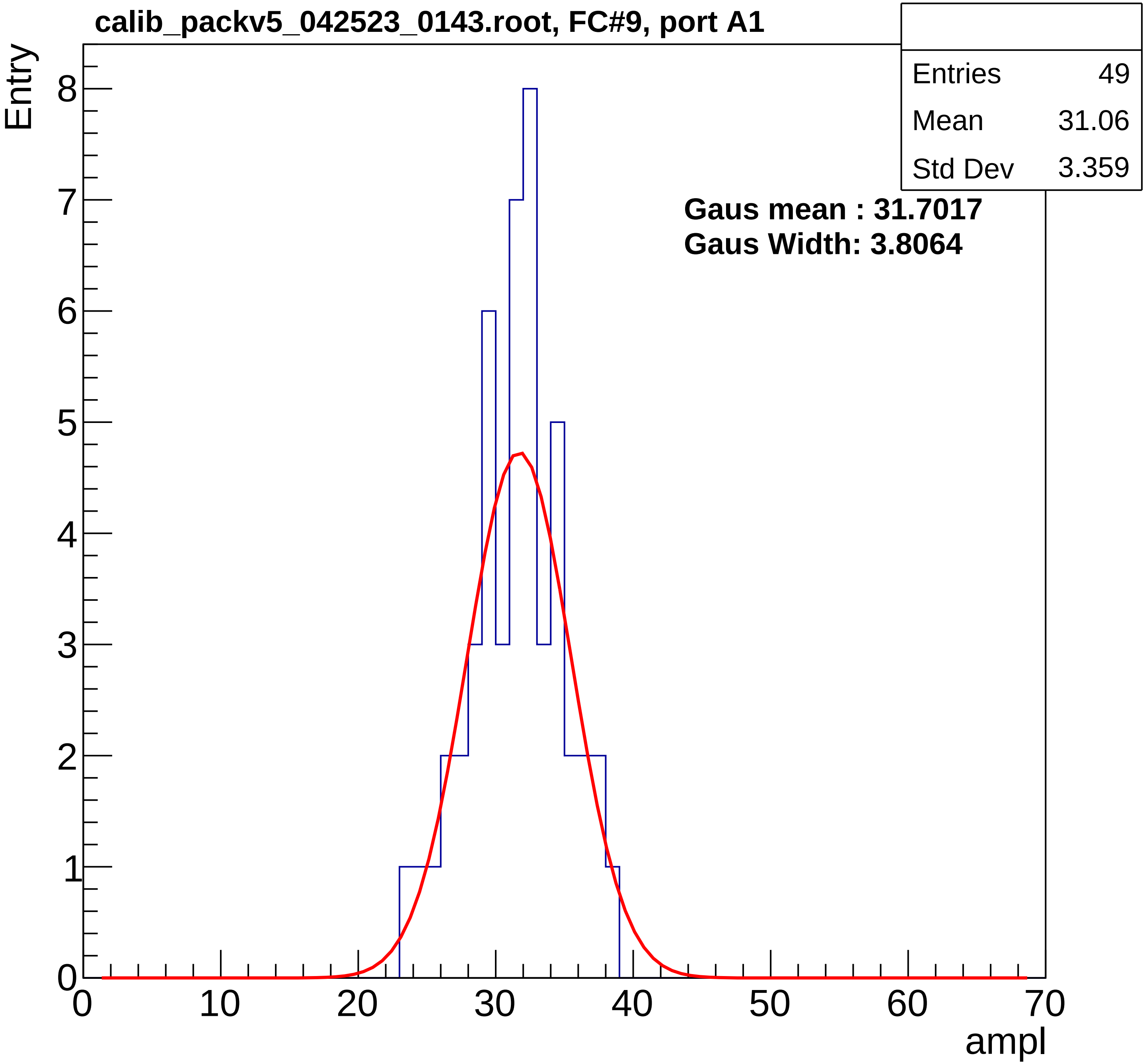

B0L001S, U21-ch64, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 7
Mean 53.57
Std Dev 21.88
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

B0L001S, U21-ch64, adc7

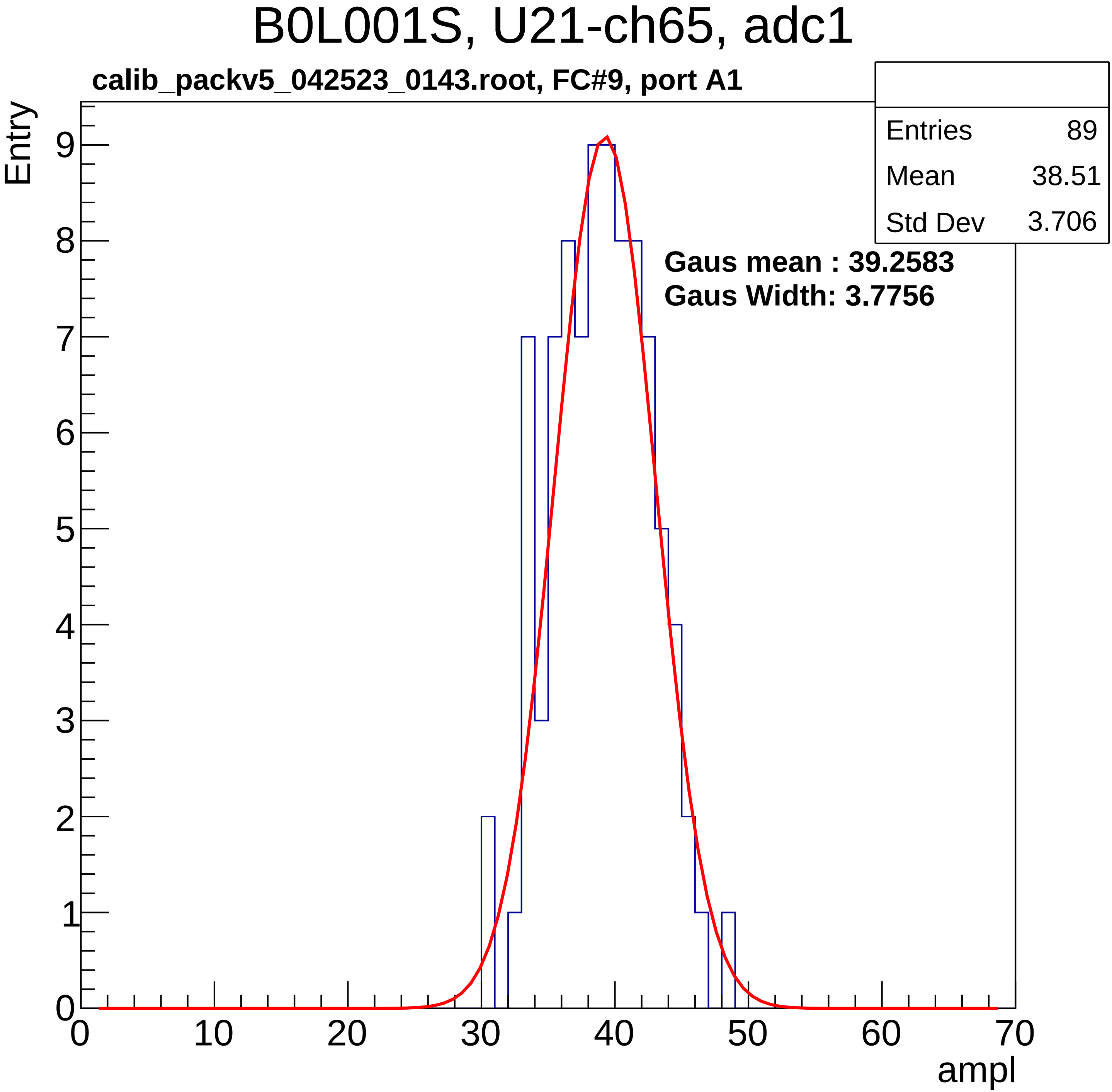


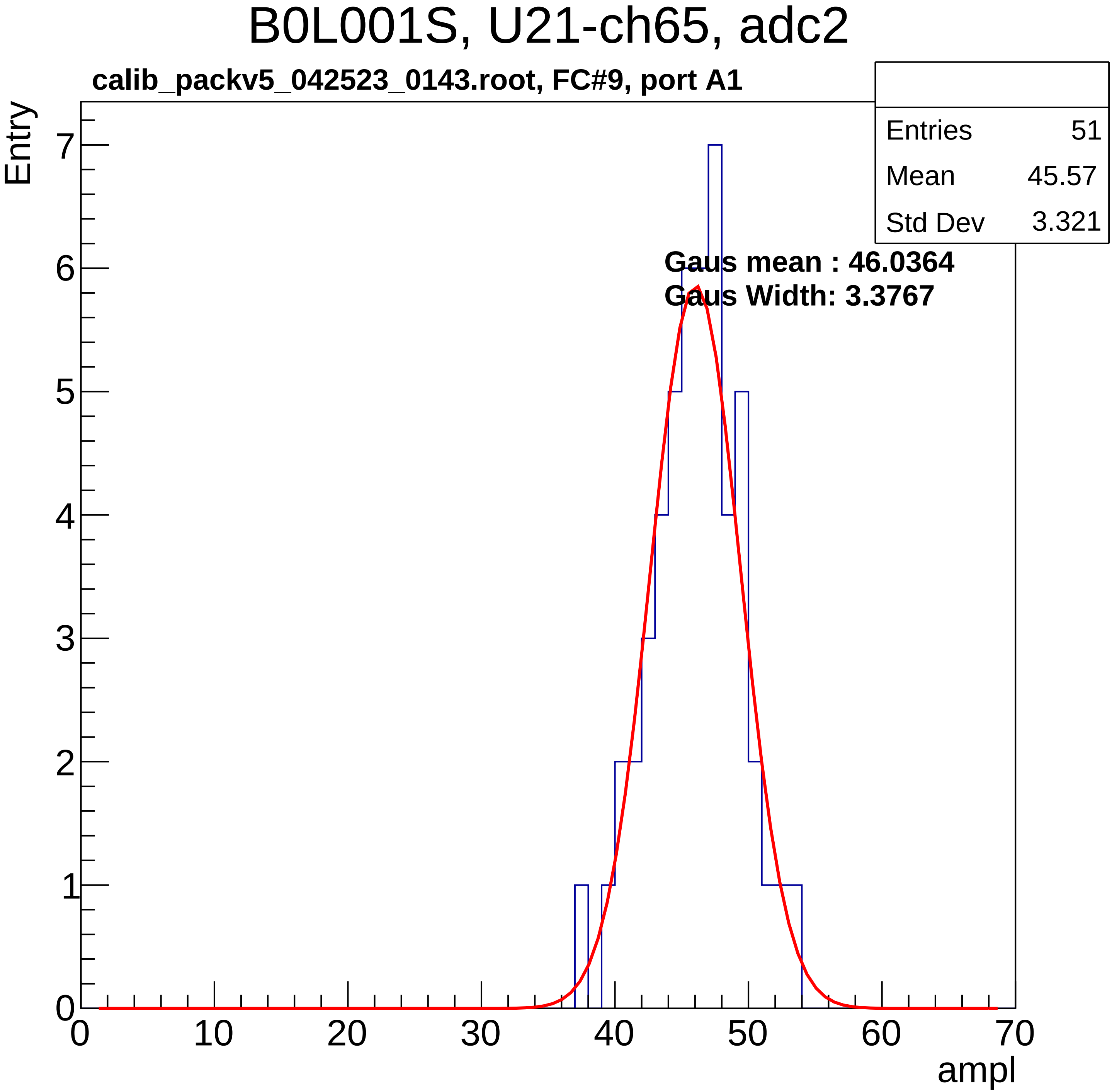
B0L001S, U21-ch65, adc0

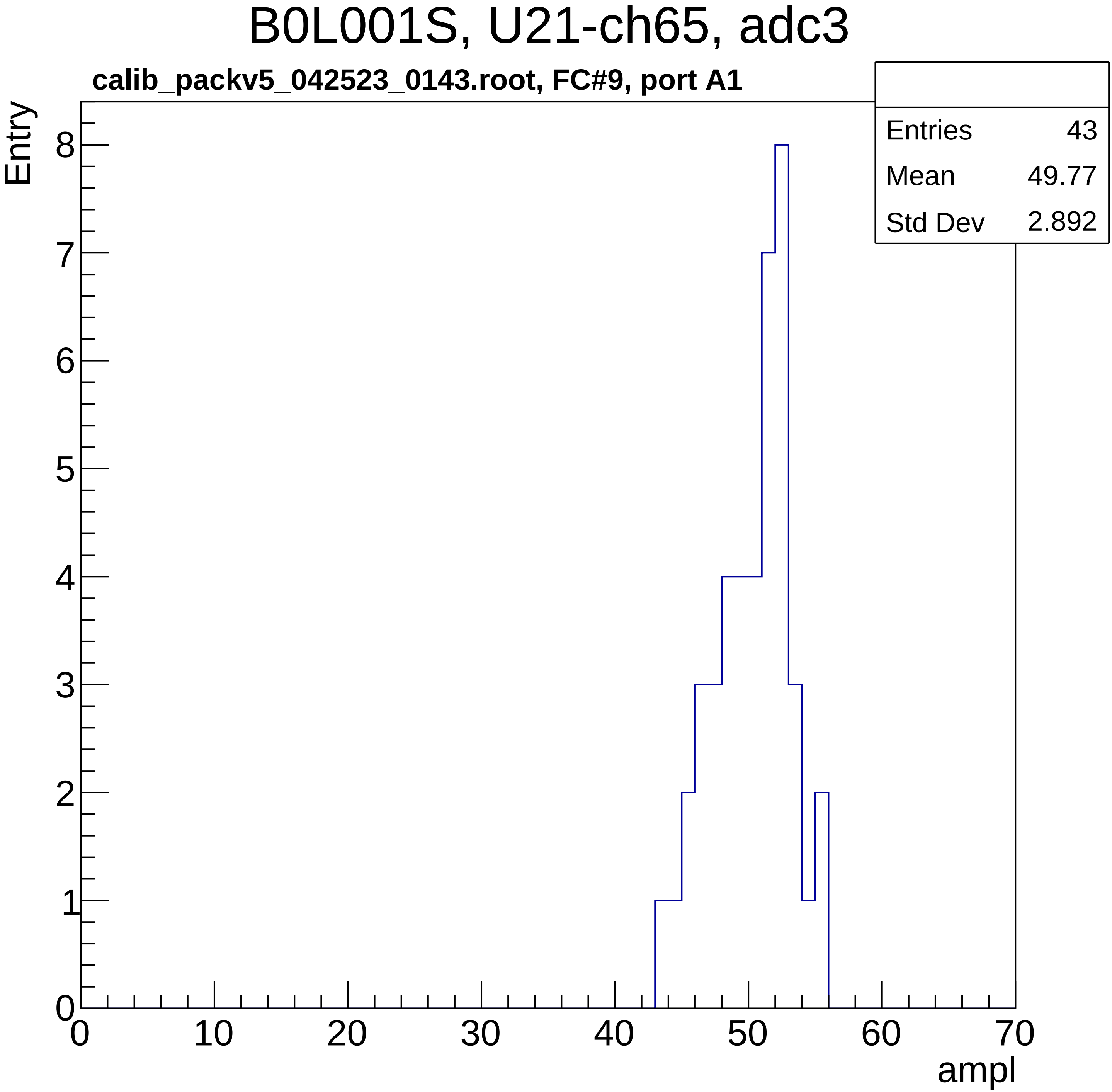
calib_packv5_042523_0143.root, FC#9, port A1

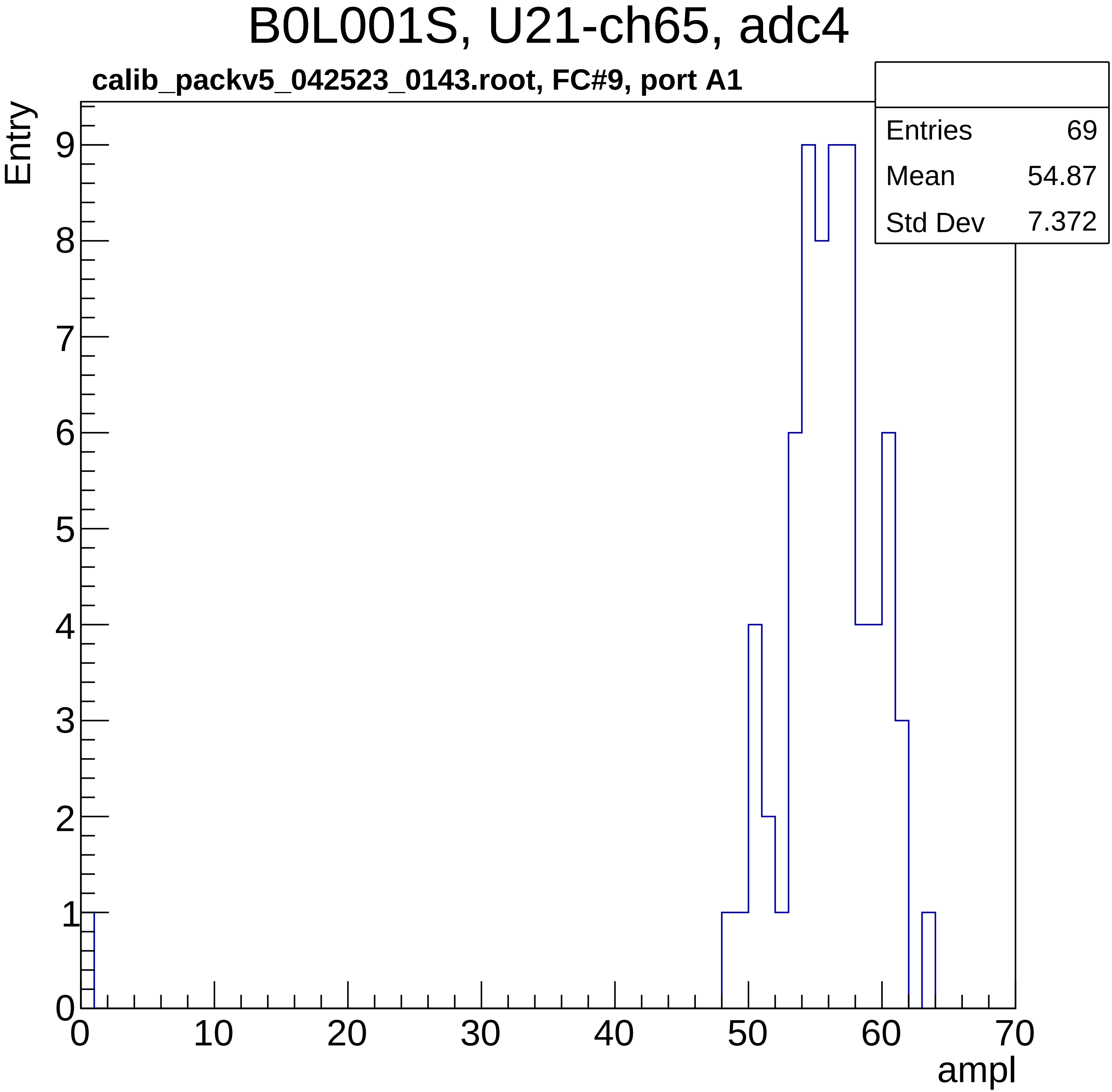


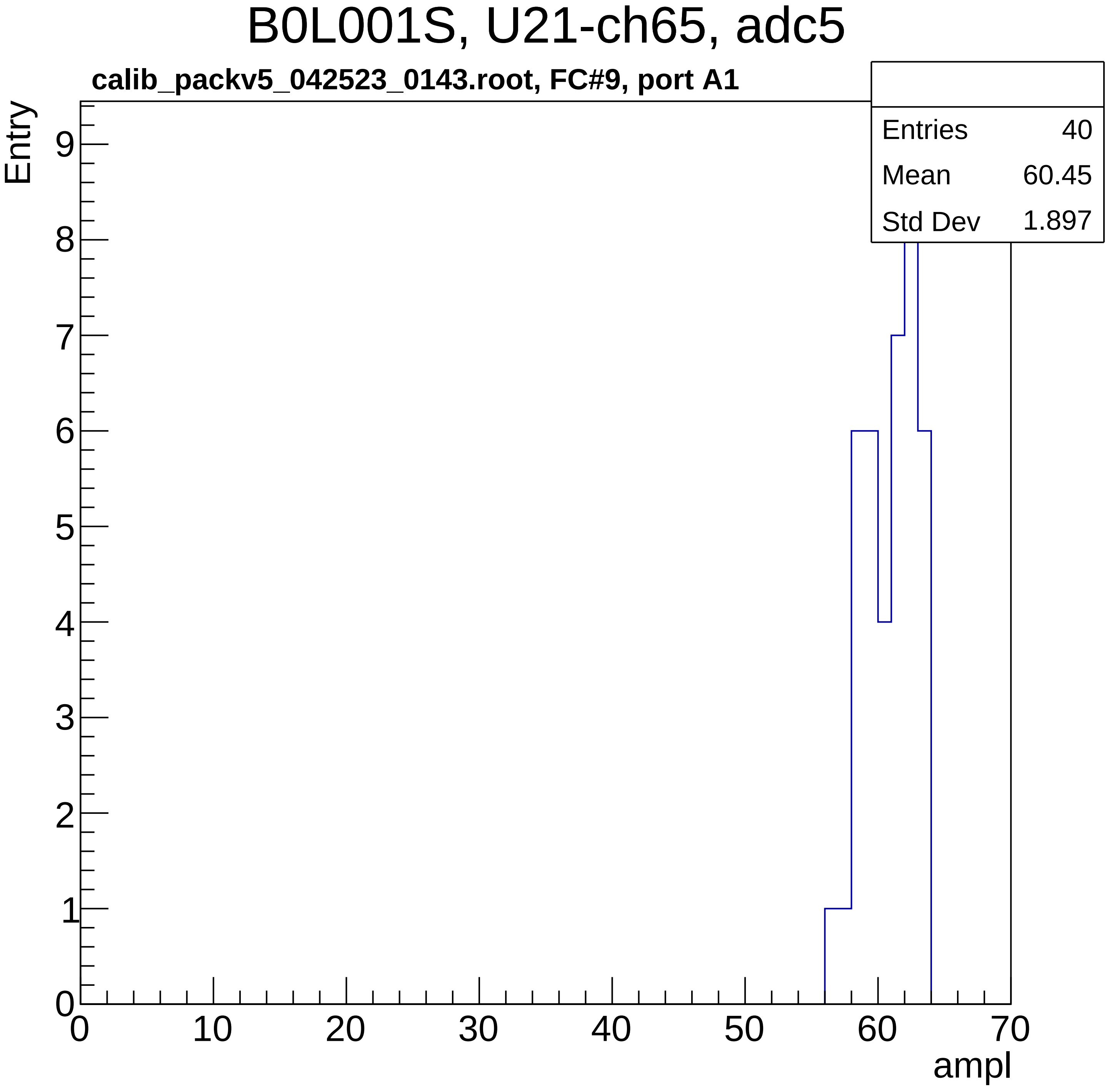
Gaus mean : 31.7017
Gaus Width: 3.8064

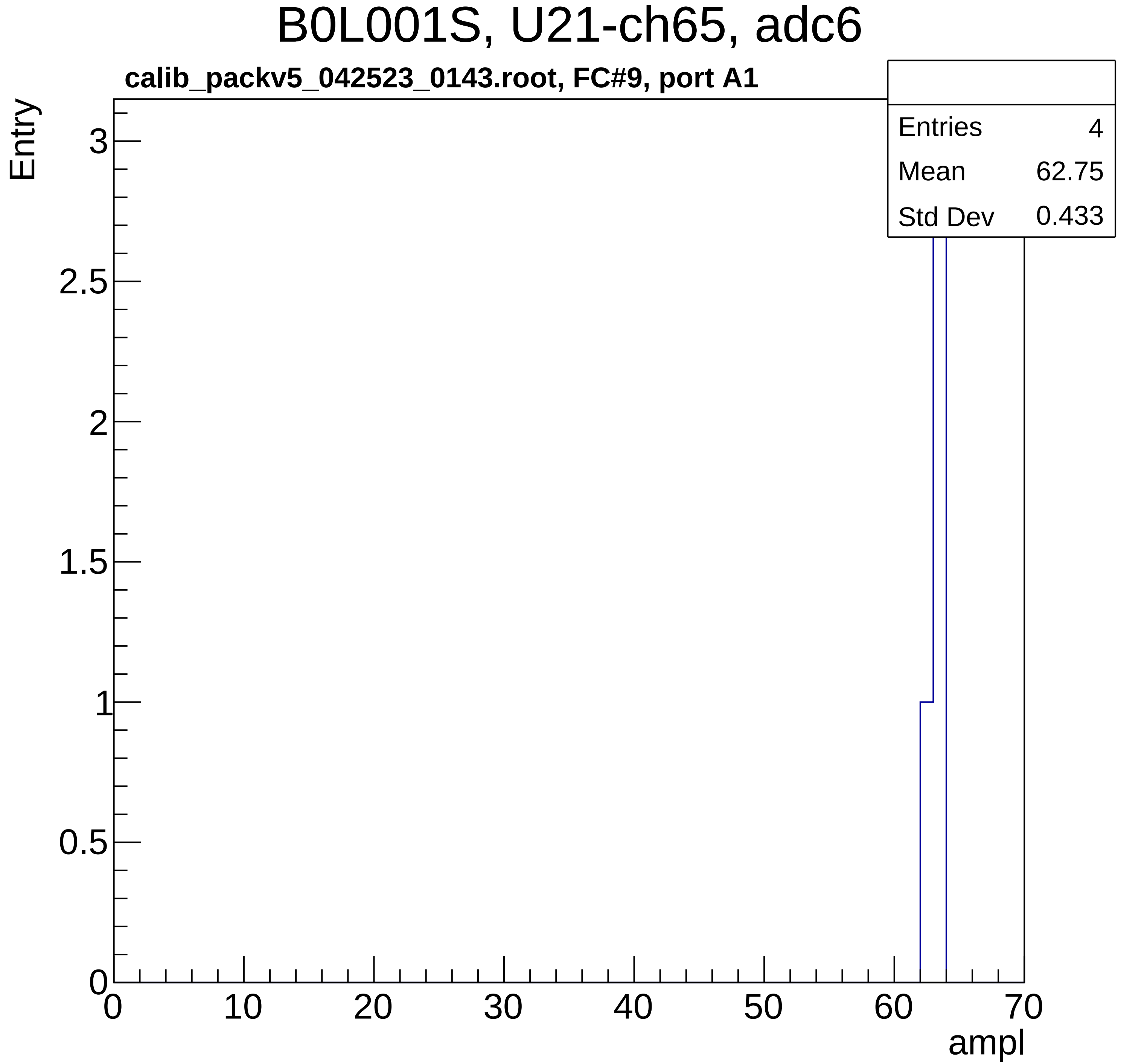

B0L001S, U21-ch65, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 38.51
Std Dev 3.706
Gaus mean : 39.2583
Gaus Width: 3.7756
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch65, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 51
Mean 45.57
Std Dev 3.321
Gaus mean : 46.0364
Gaus Width: 3.3767
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

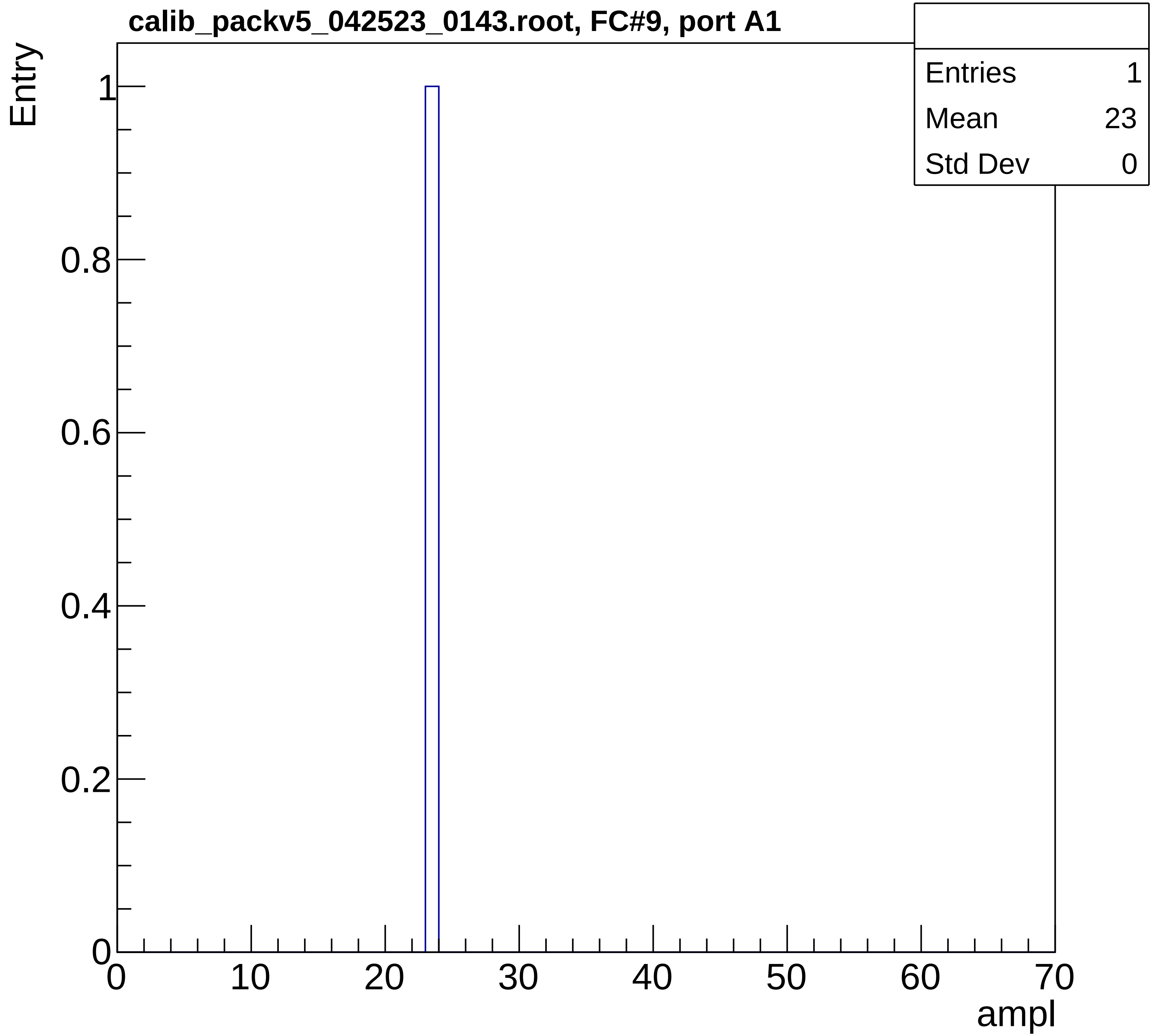

B0L001S, U21-ch65, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 49.77
Std Dev 2.892
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

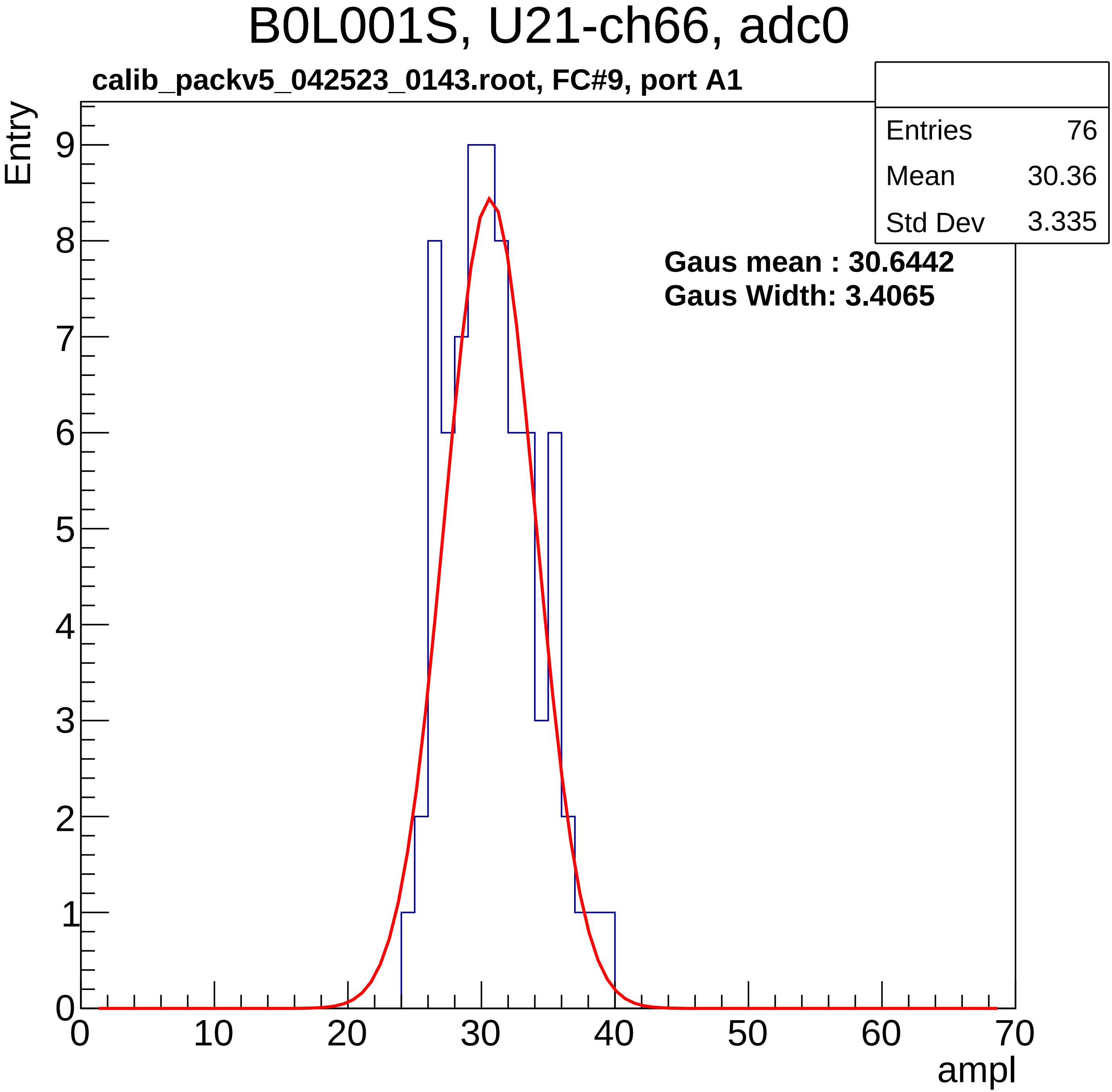

B0L001S, U21-ch65, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 54.87
Std Dev 7.372
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

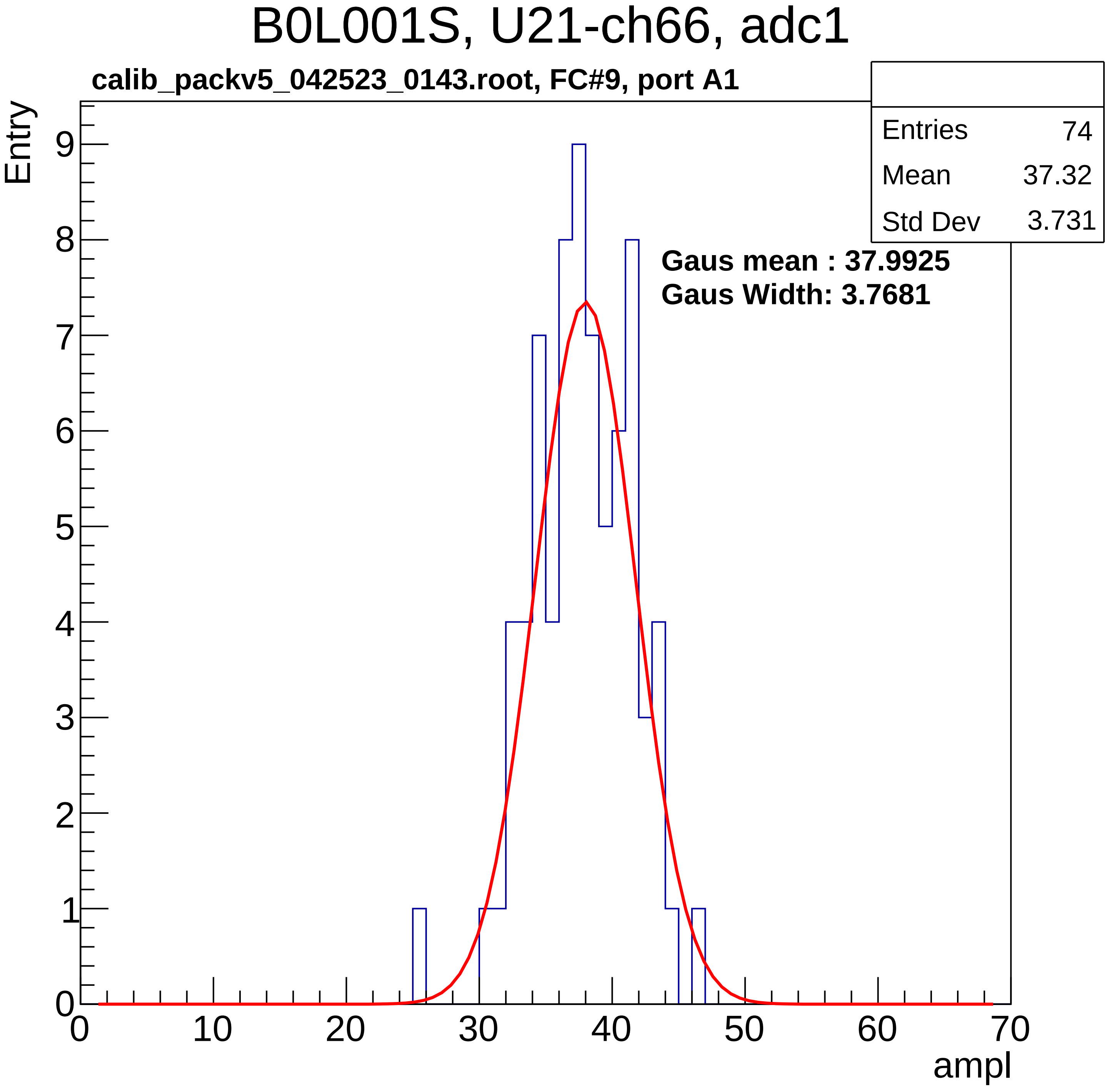

B0L001S, U21-ch65, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 60.45
Std Dev 1.897
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

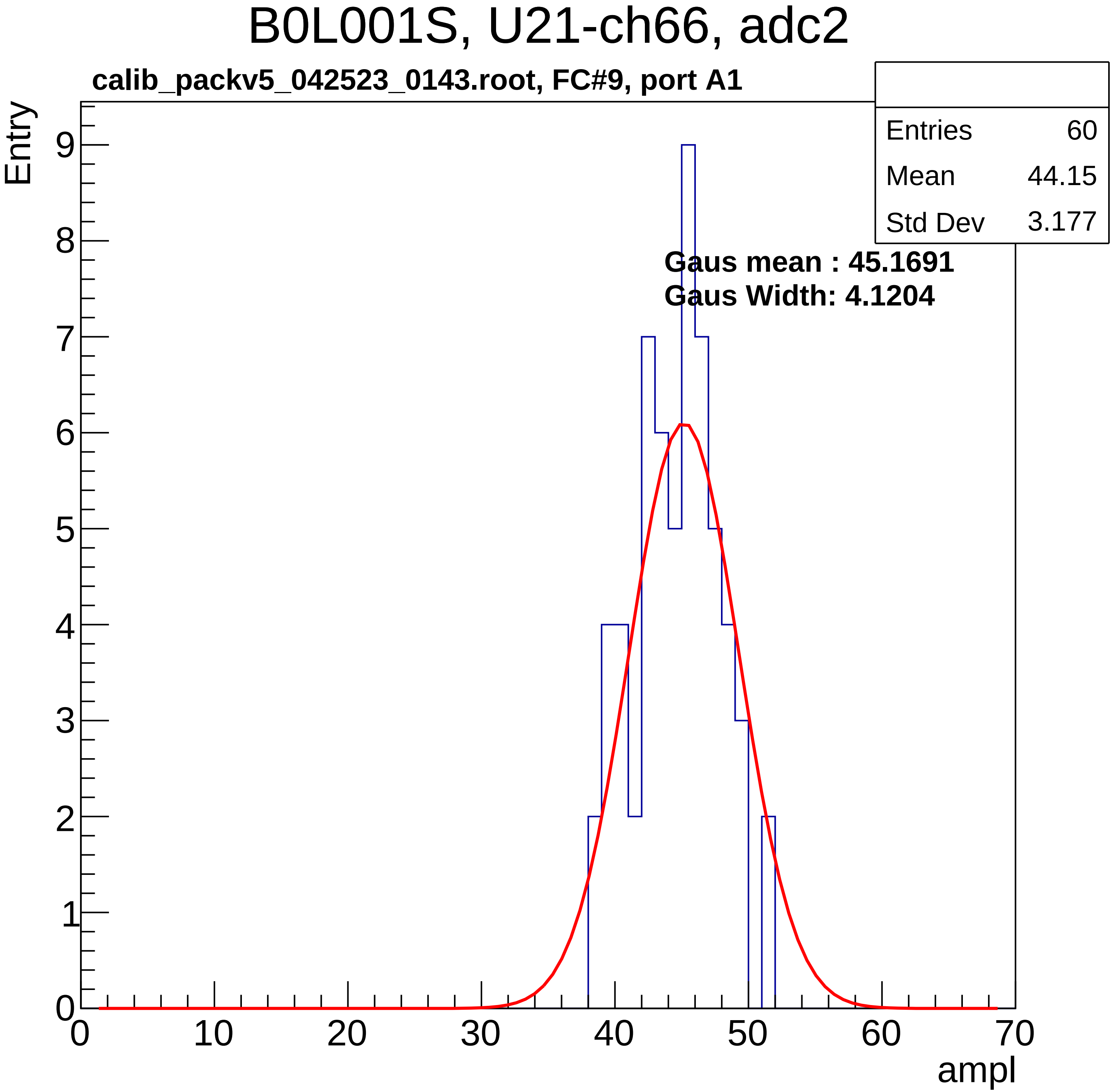

B0L001S, U21-ch65, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.75
Std Dev 0.433
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch65, adc7

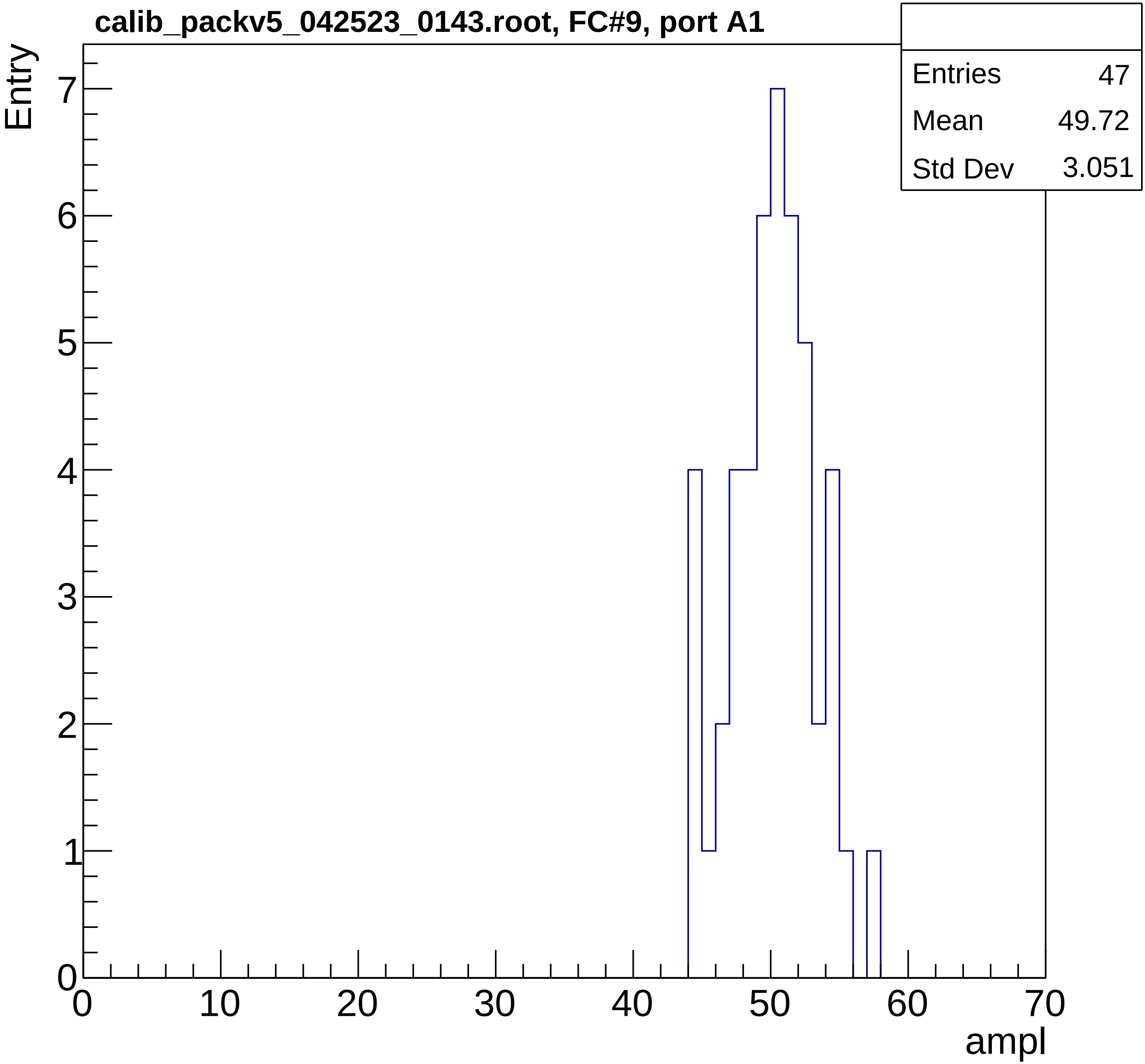



B0L001S, U21-ch66, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 30.36
Std Dev 3.335
Gaus mean : 30.6442
Gaus Width: 3.4065
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

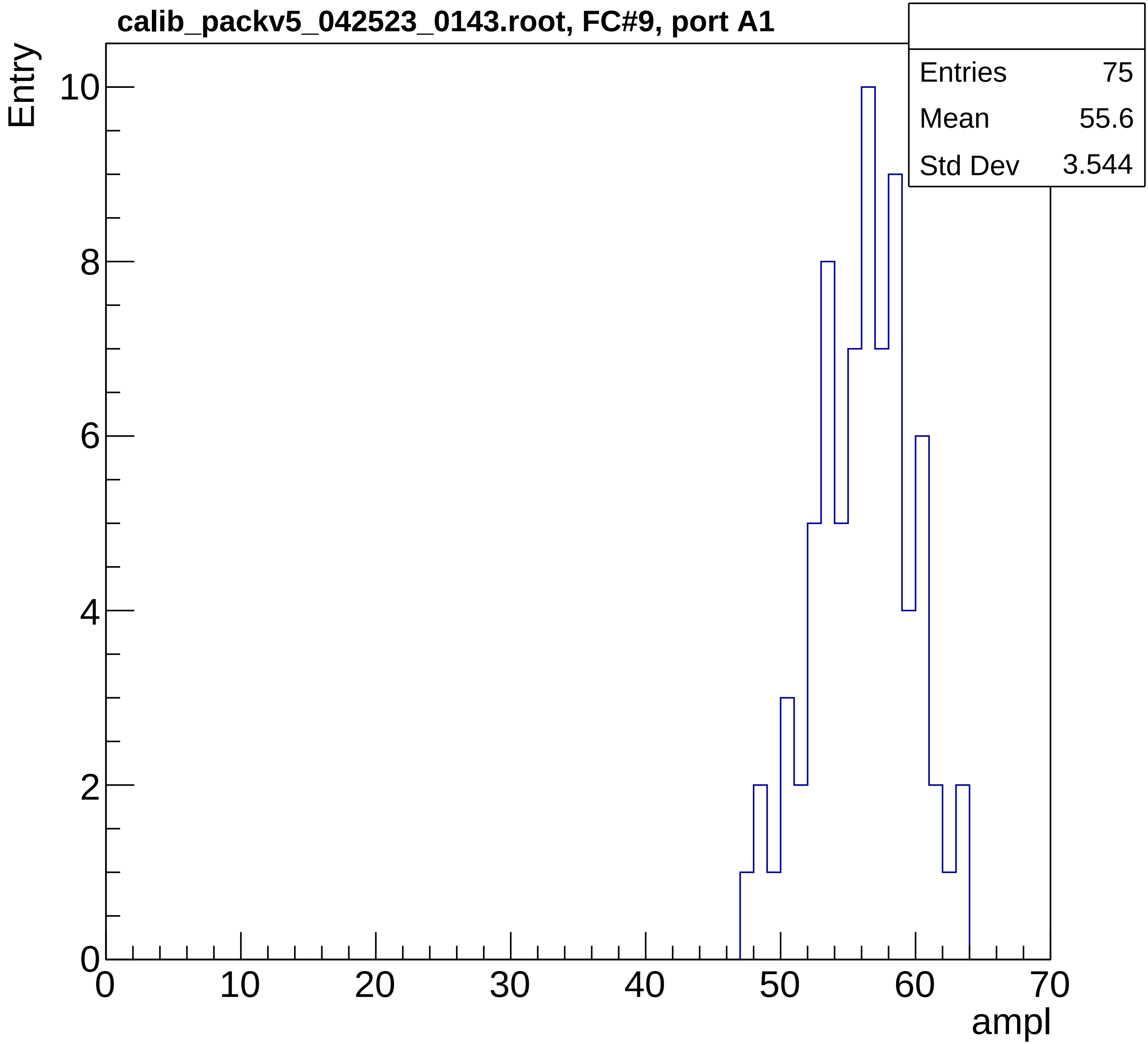

B0L001S, U21-ch66, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 37.32
Std Dev 3.731
Gaus mean : 37.9925
Gaus Width: 3.7681
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch66, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 44.15
Std Dev 3.177
Gaus mean : 45.1691
Gaus Width: 4.1204
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

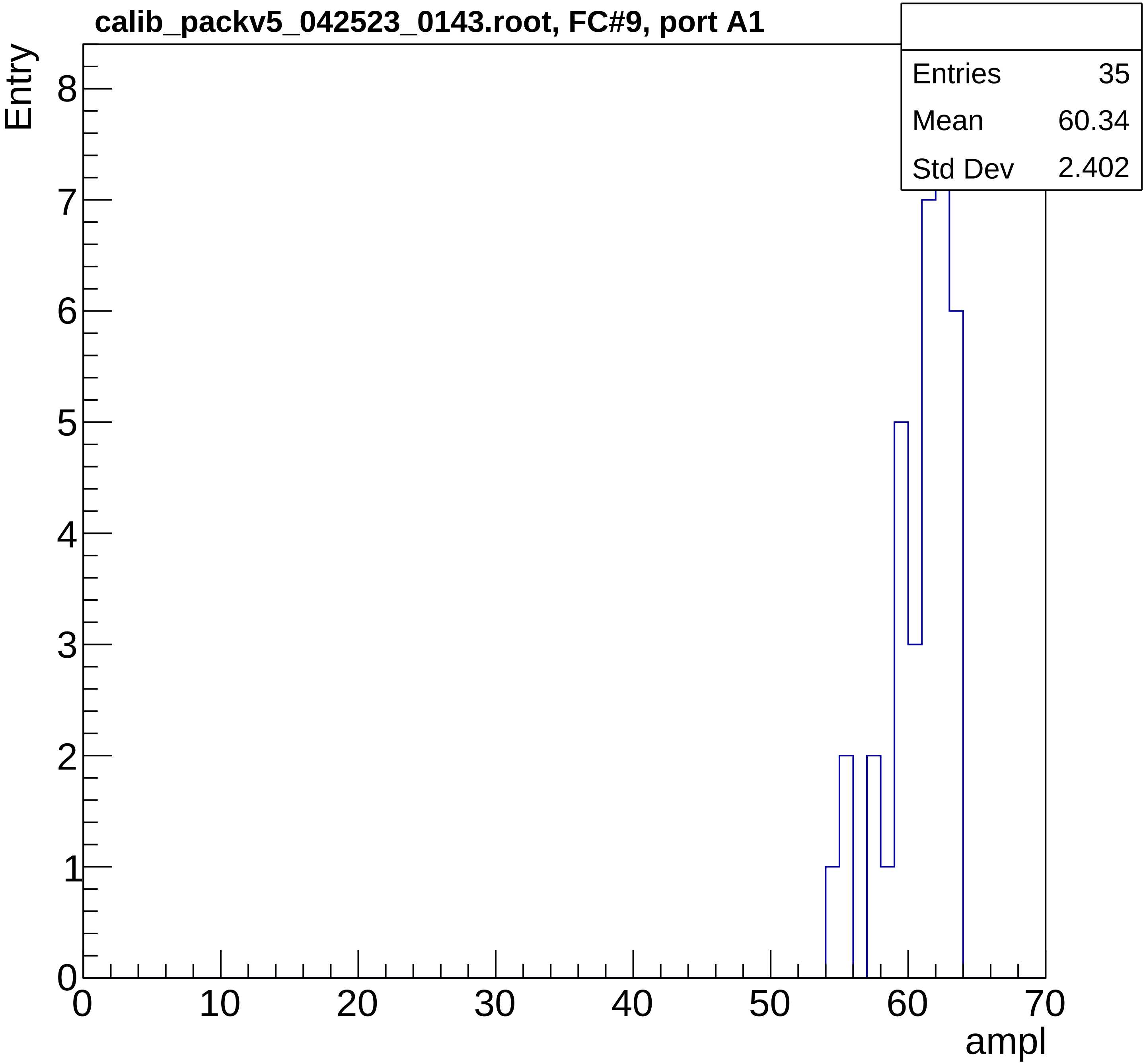
B0L001S, U21-ch66, adc3

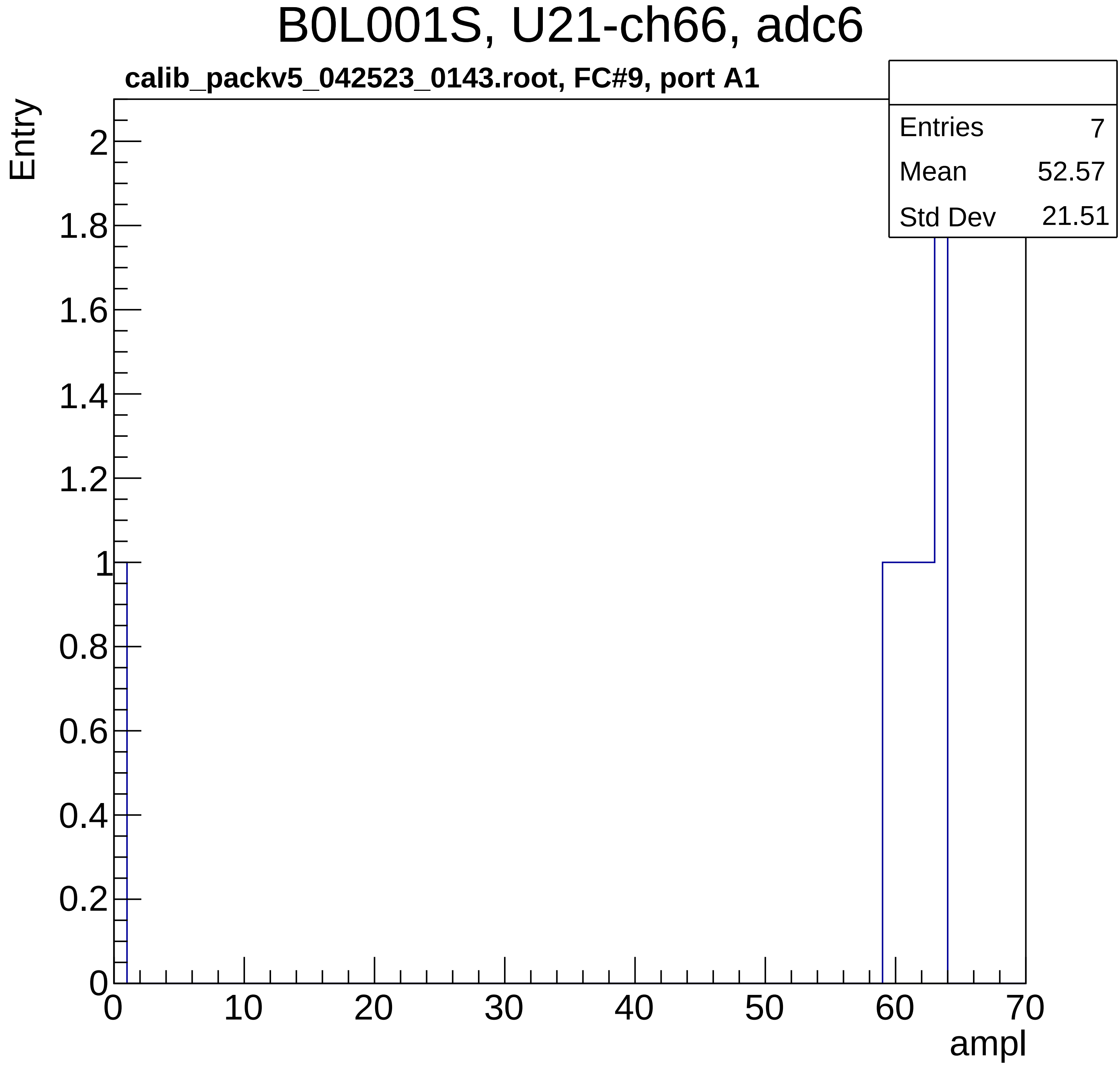


B0L001S, U21-ch66, adc4

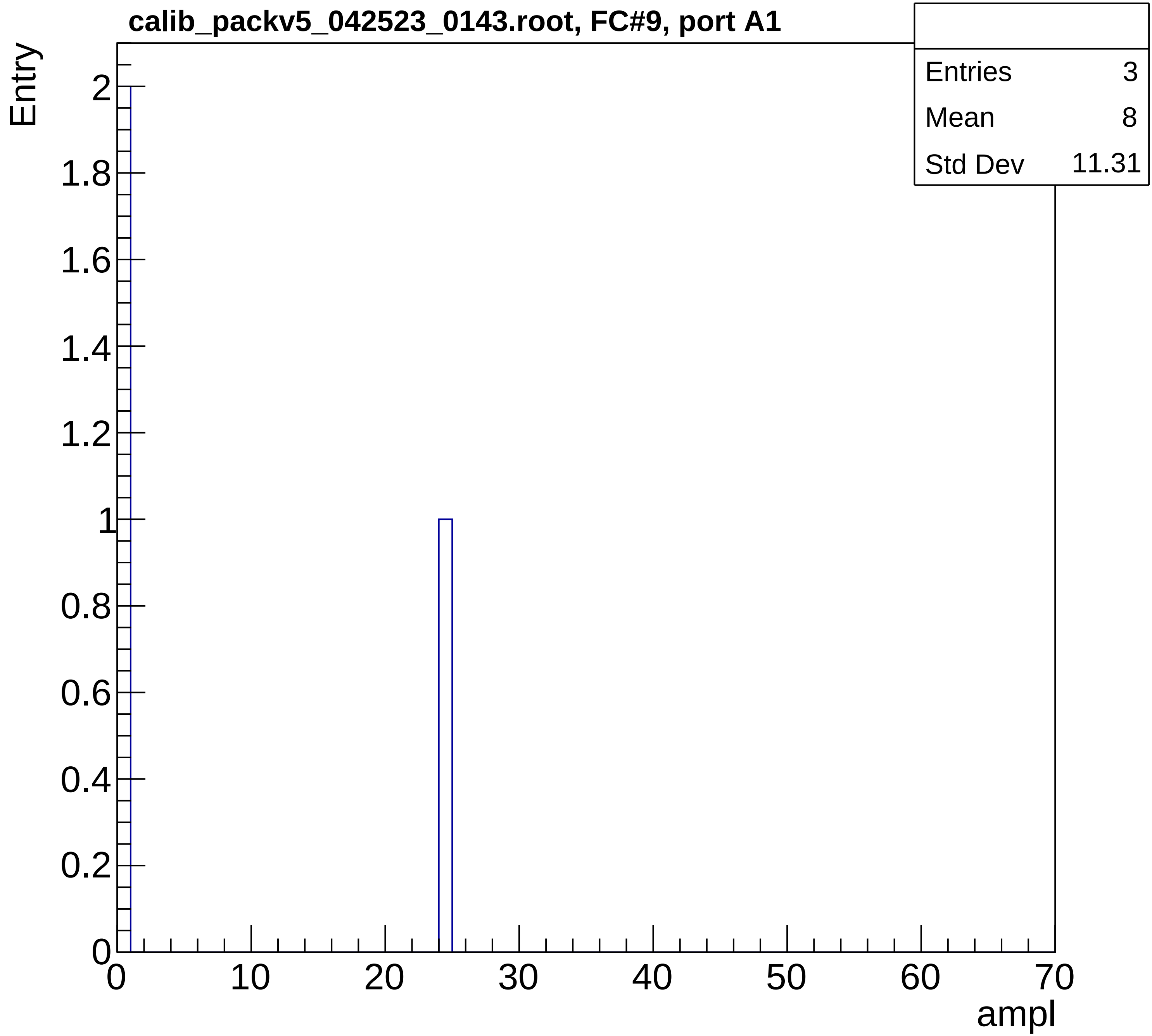


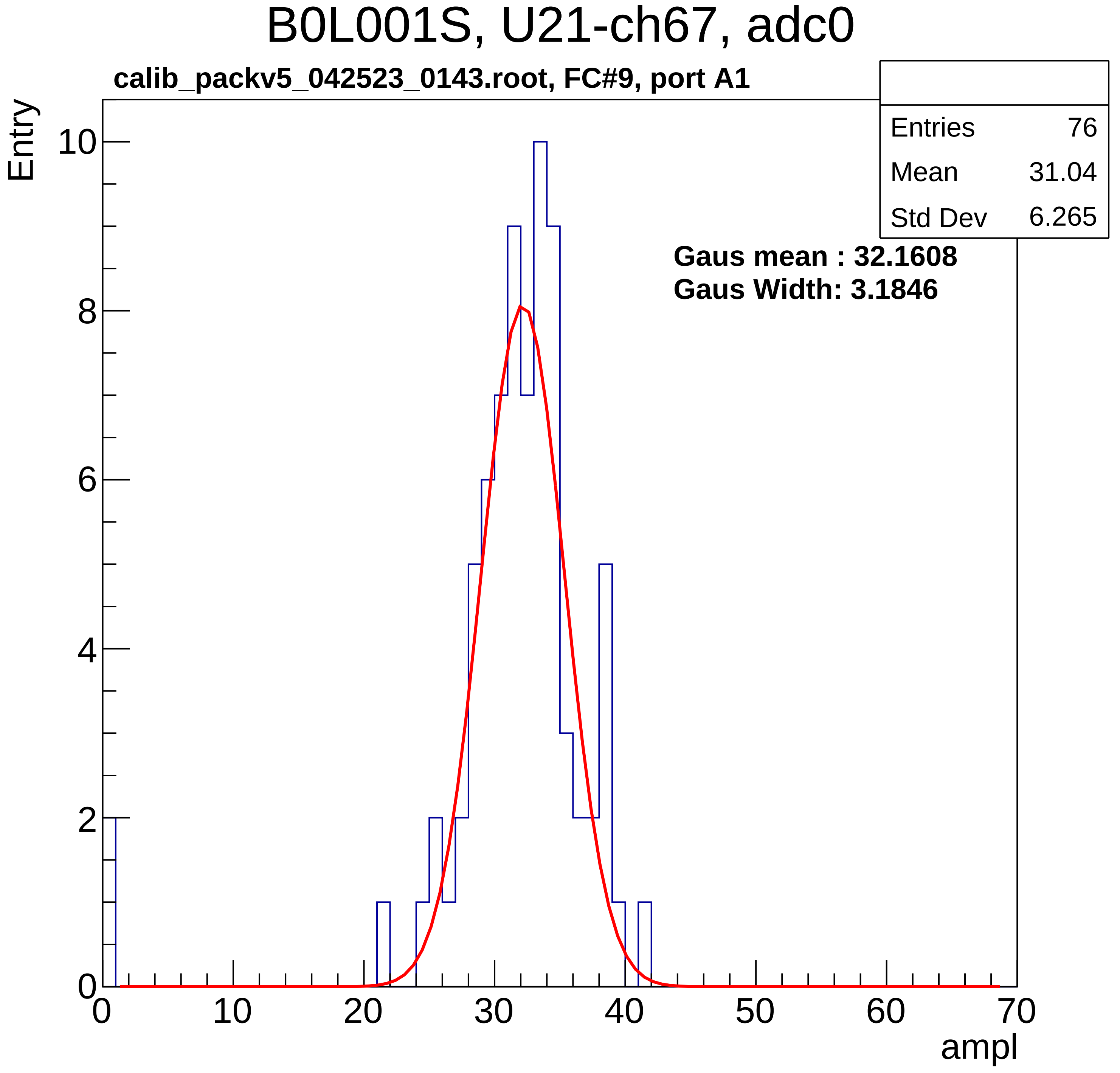
B0L001S, U21-ch66, adc5

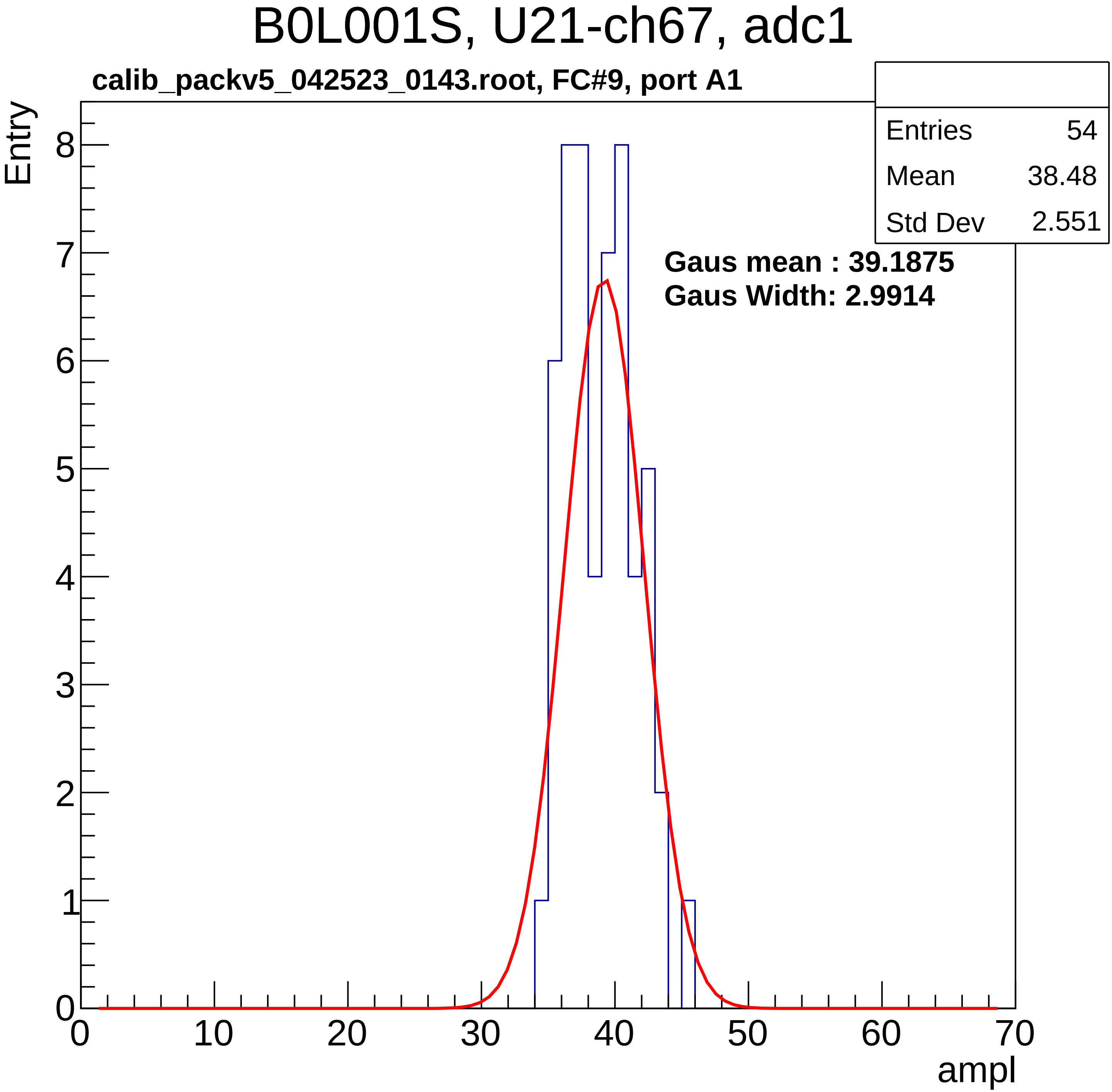


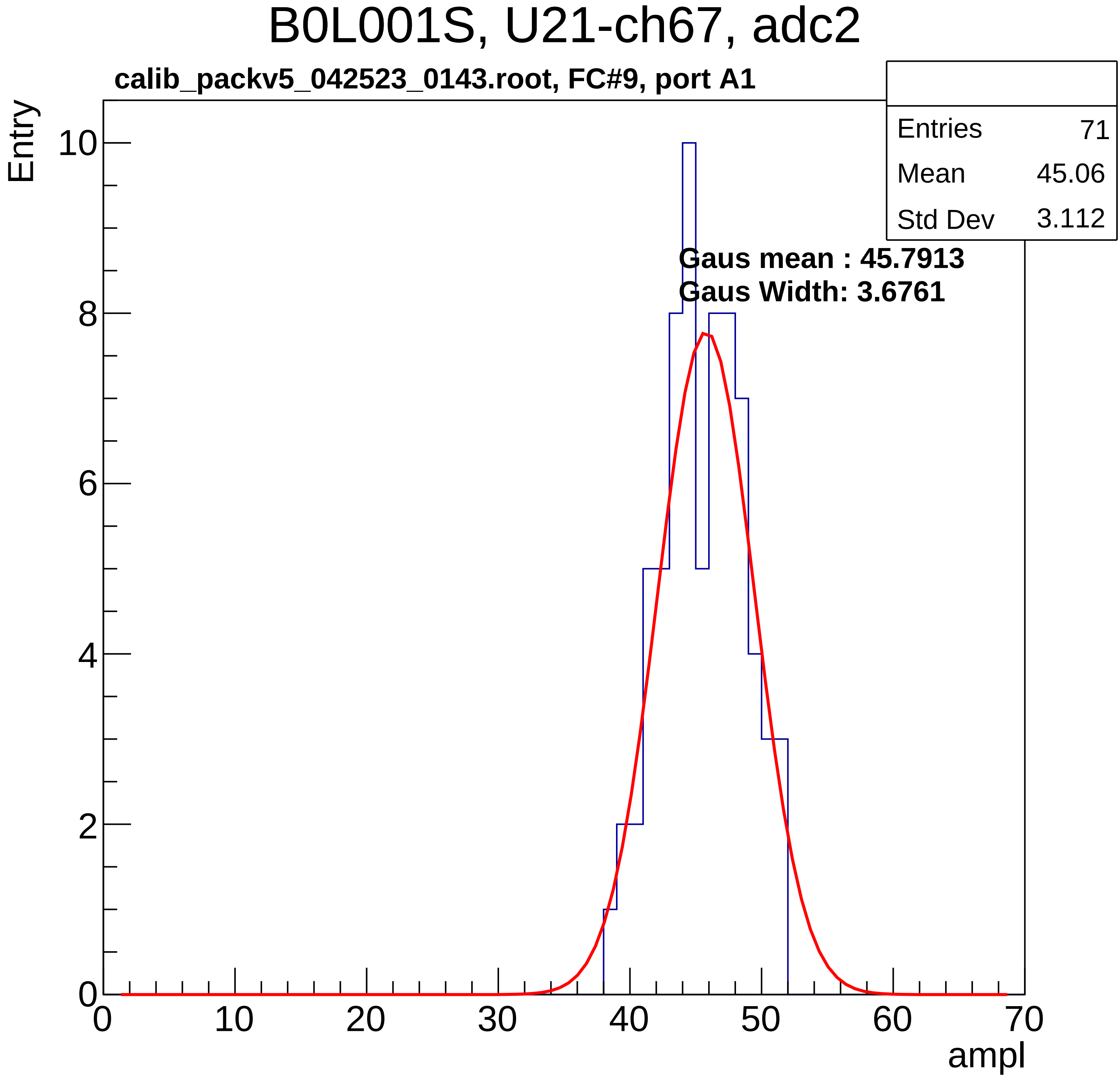

B0L001S, U21-ch66, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 52.57
Std Dev 21.51
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

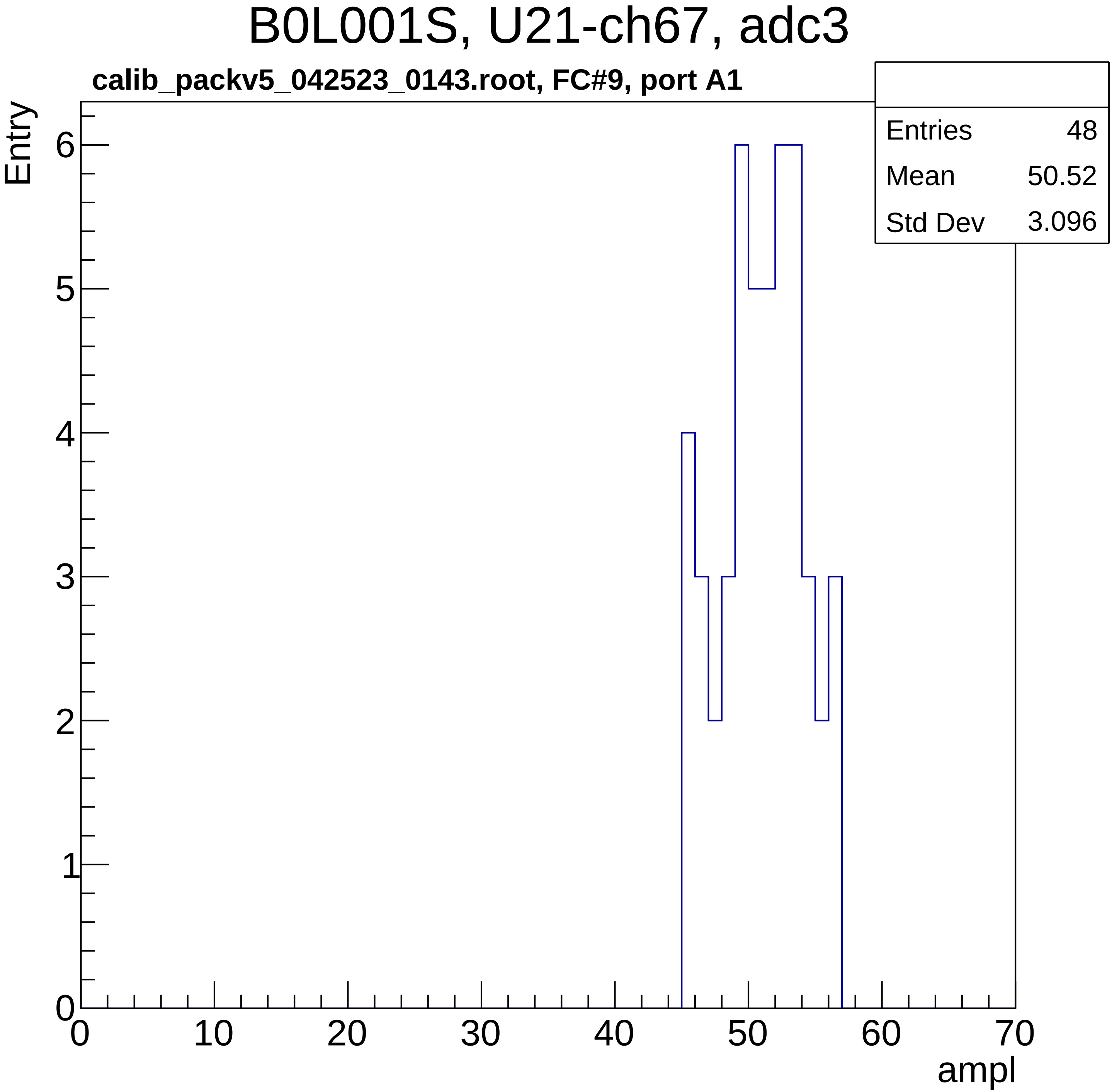
B0L001S, U21-ch66, adc7



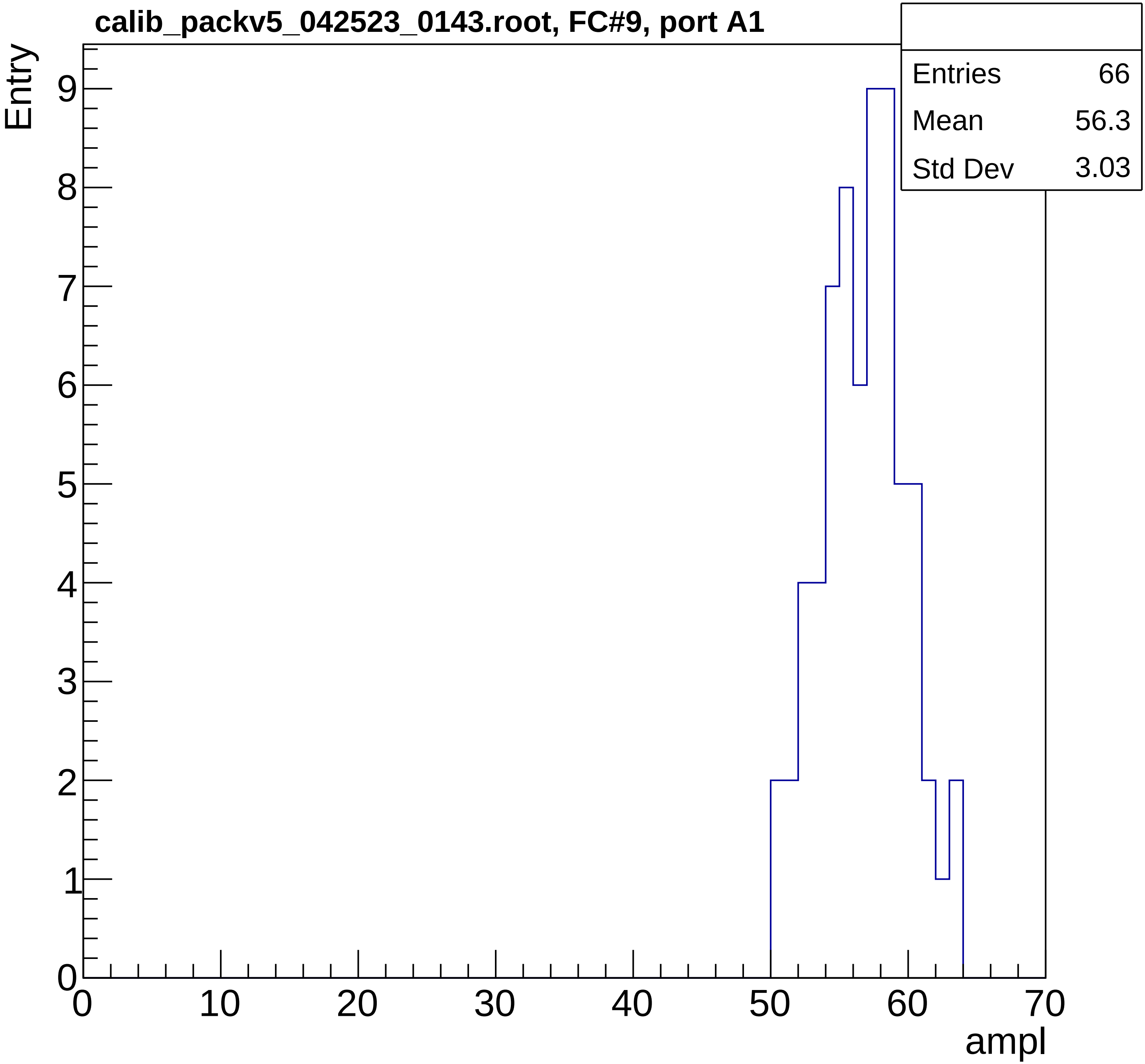

B0L001S, U21-ch67, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70
Entries 76
Mean 31.04
Std Dev 6.265
Gaus mean : 32.1608
Gaus Width: 3.1846


B0L001S, U21-ch67, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 54
Mean 38.48
Std Dev 2.551
Gaus mean : 39.1875
Gaus Width: 2.9914
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

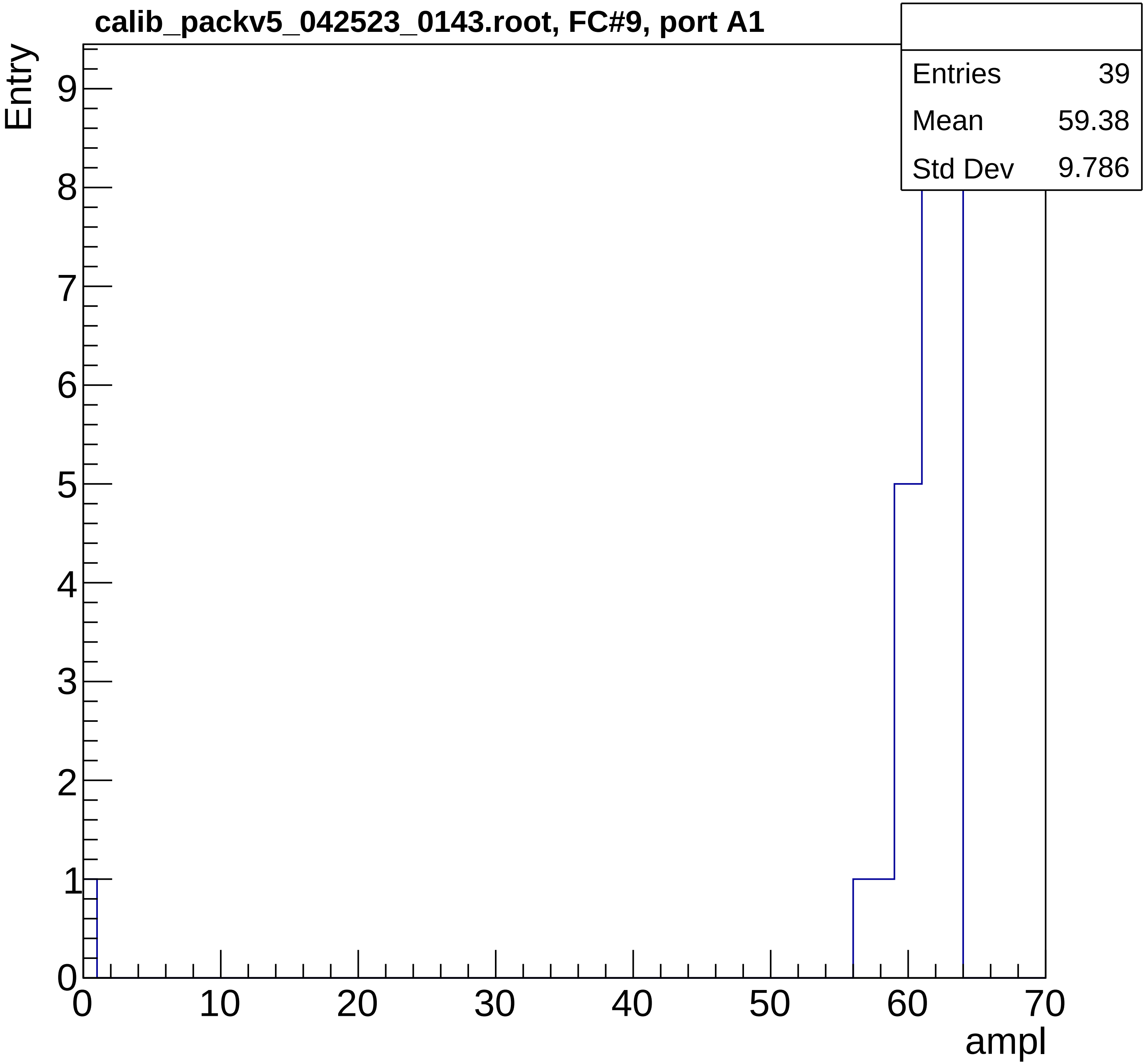

B0L001S, U21-ch67, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70
Entries 71
Mean 45.06
Std Dev 3.112
Gaus mean : 45.7913
Gaus Width: 3.6761

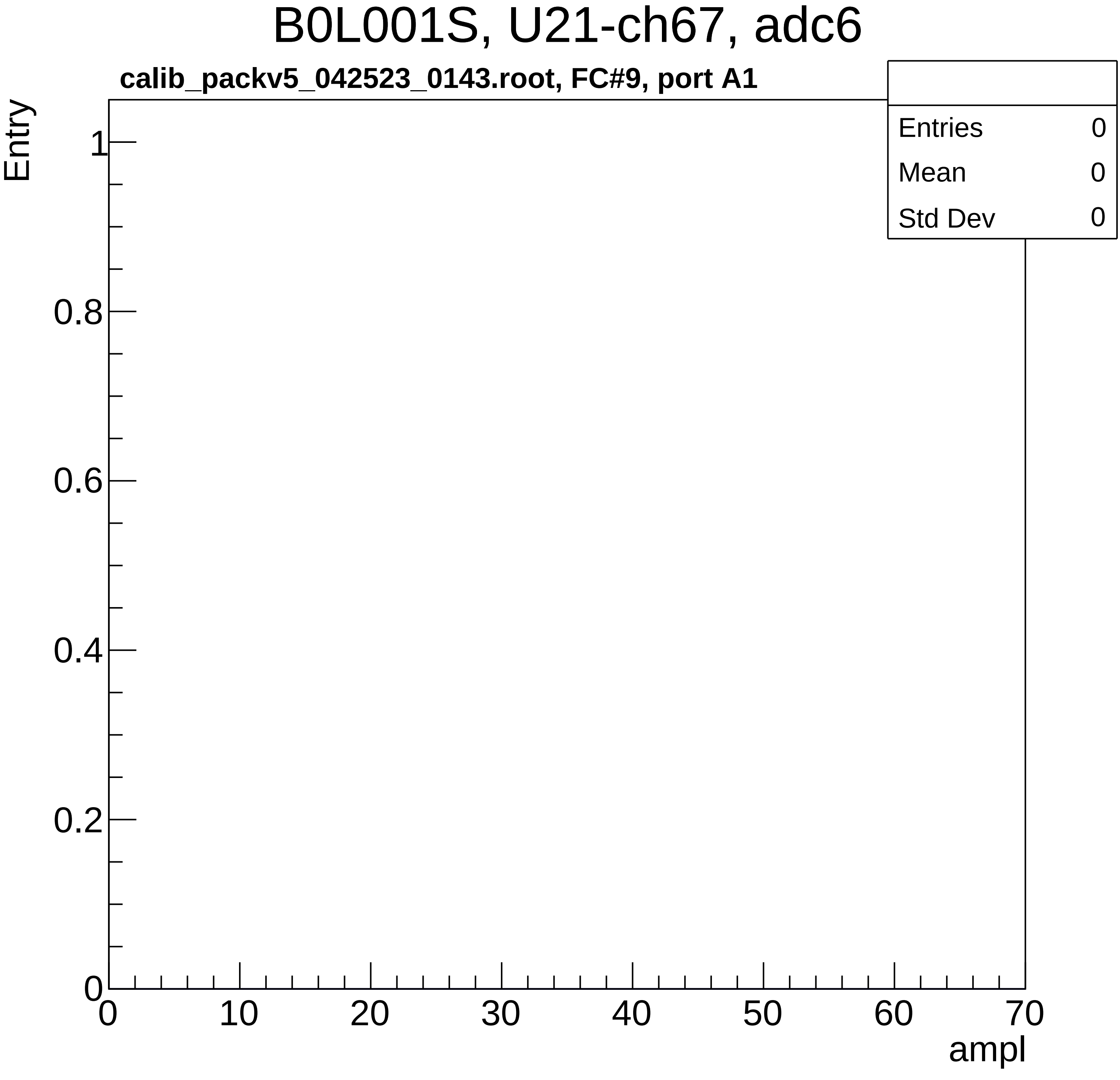

B0L001S, U21-ch67, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 50.52
Std Dev 3.096
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch67, adc4

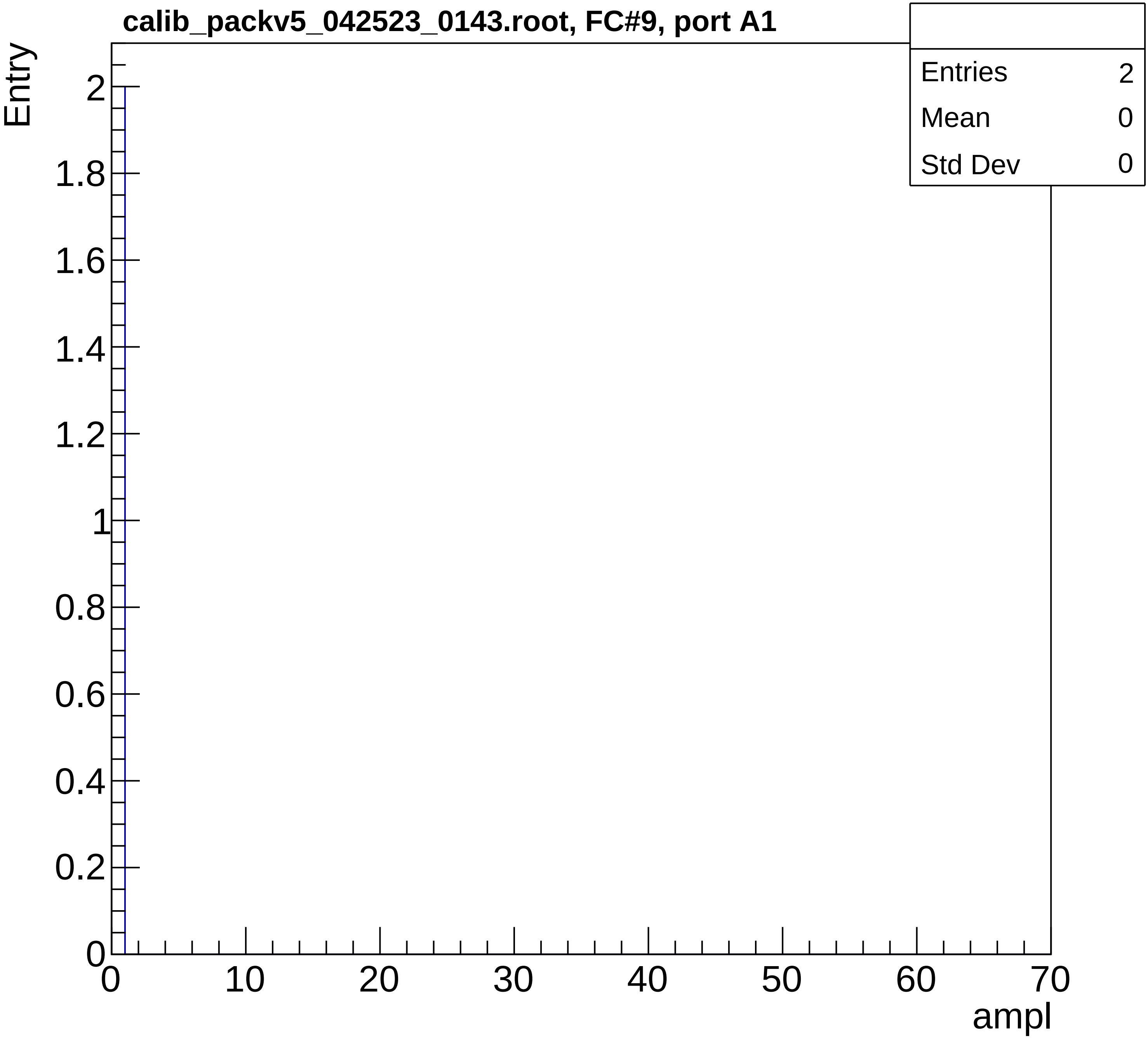


B0L001S, U21-ch67, adc5

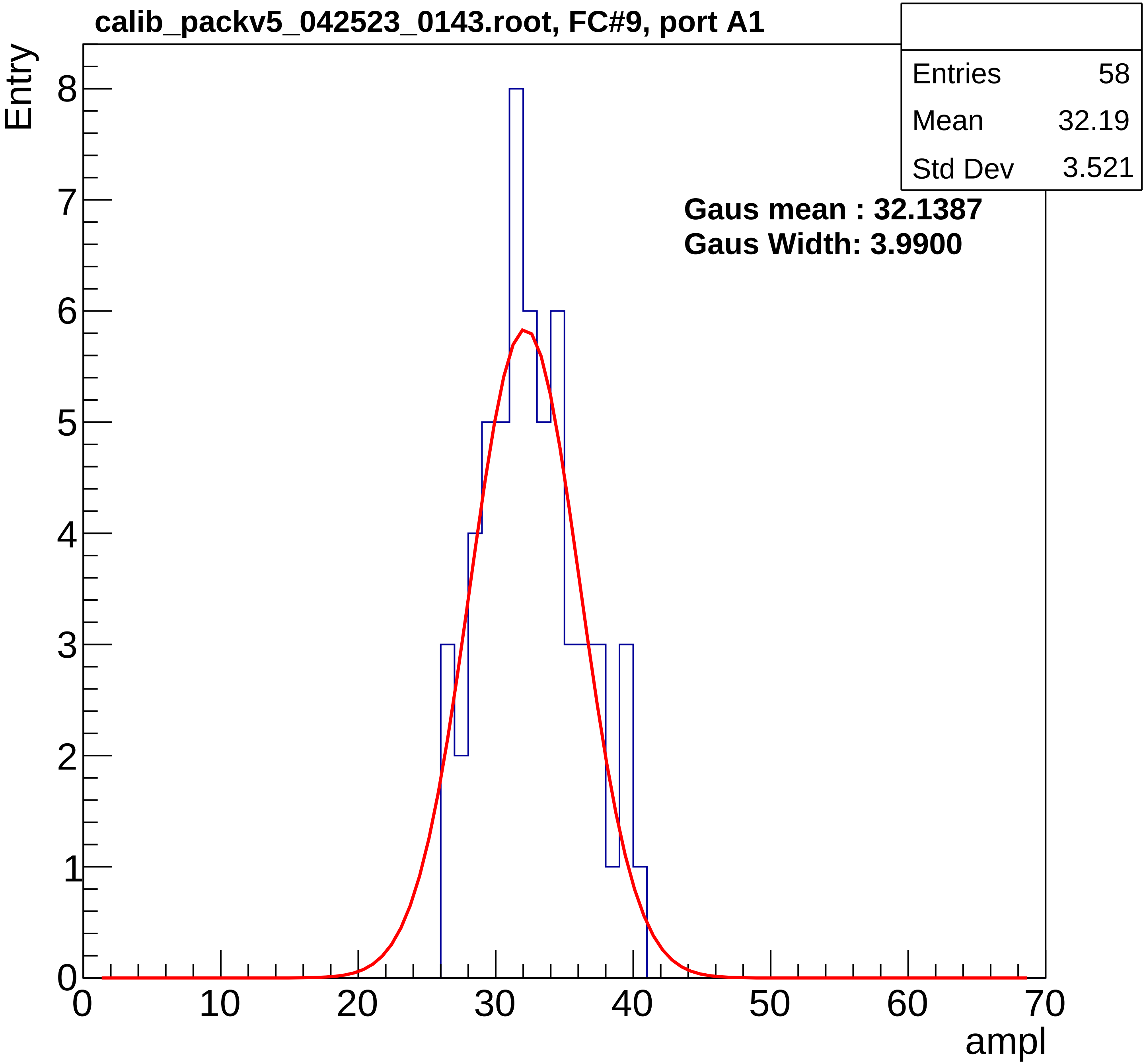


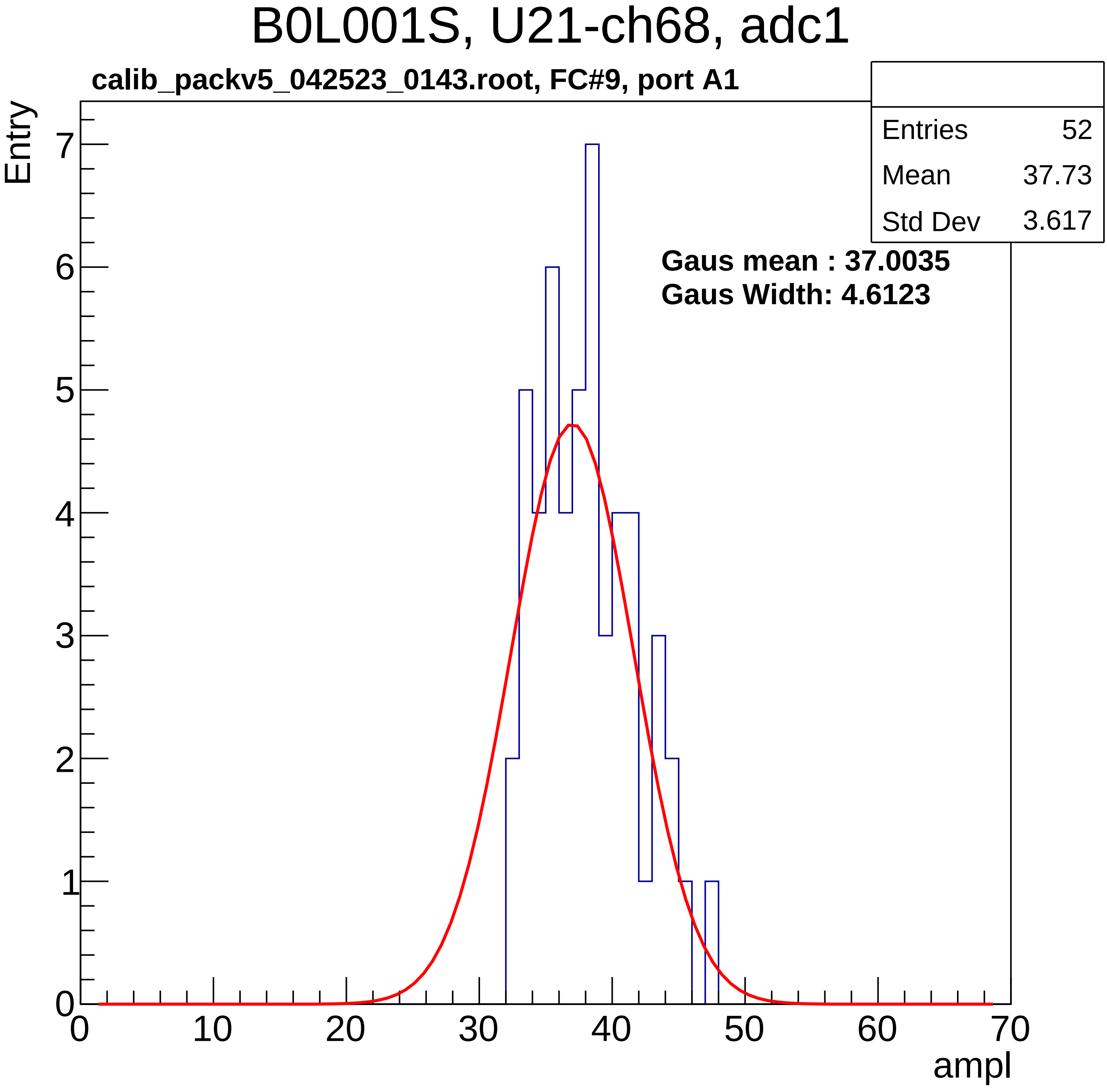

B0L001S, U21-ch67, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

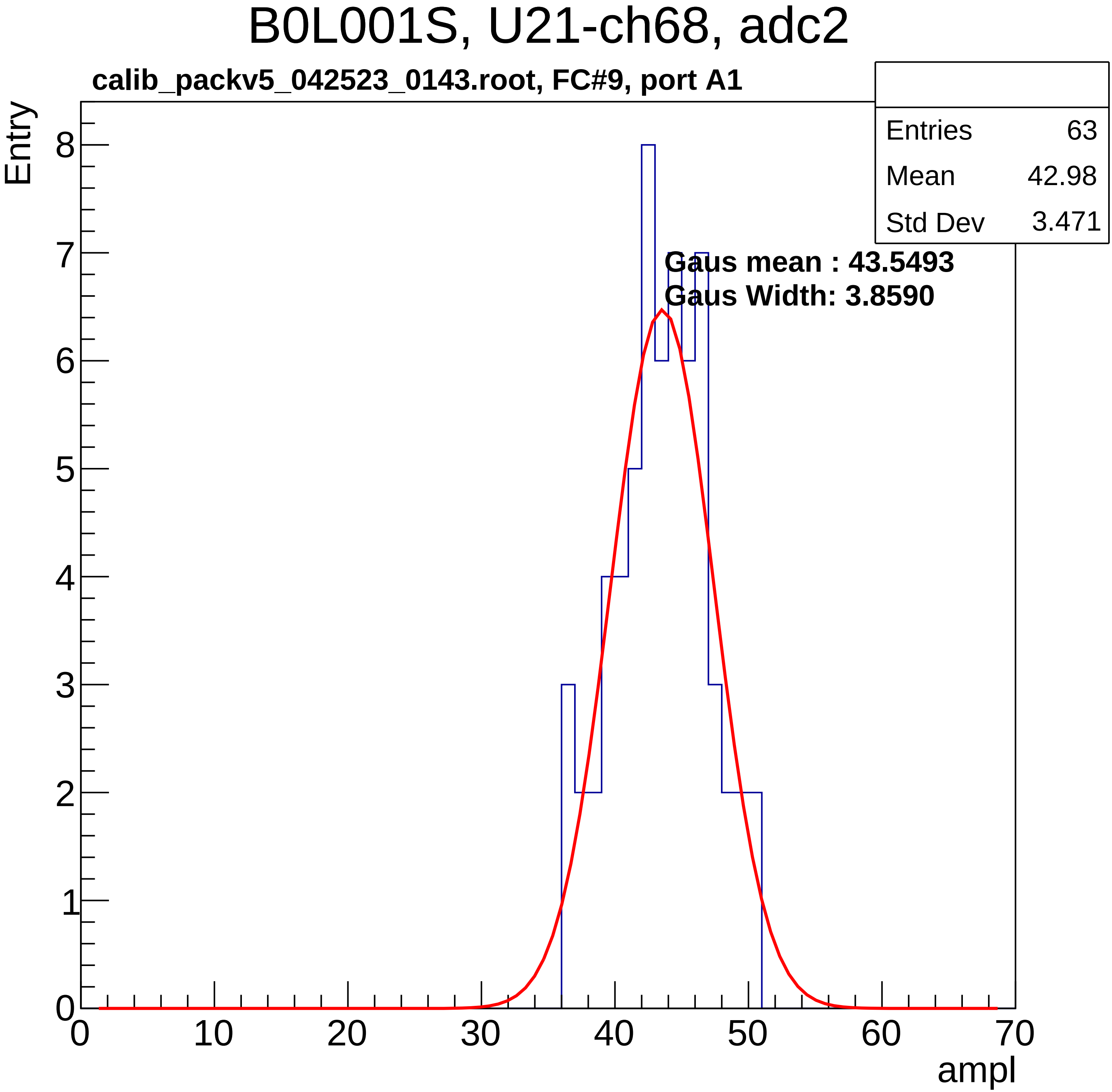
B0L001S, U21-ch67, adc7

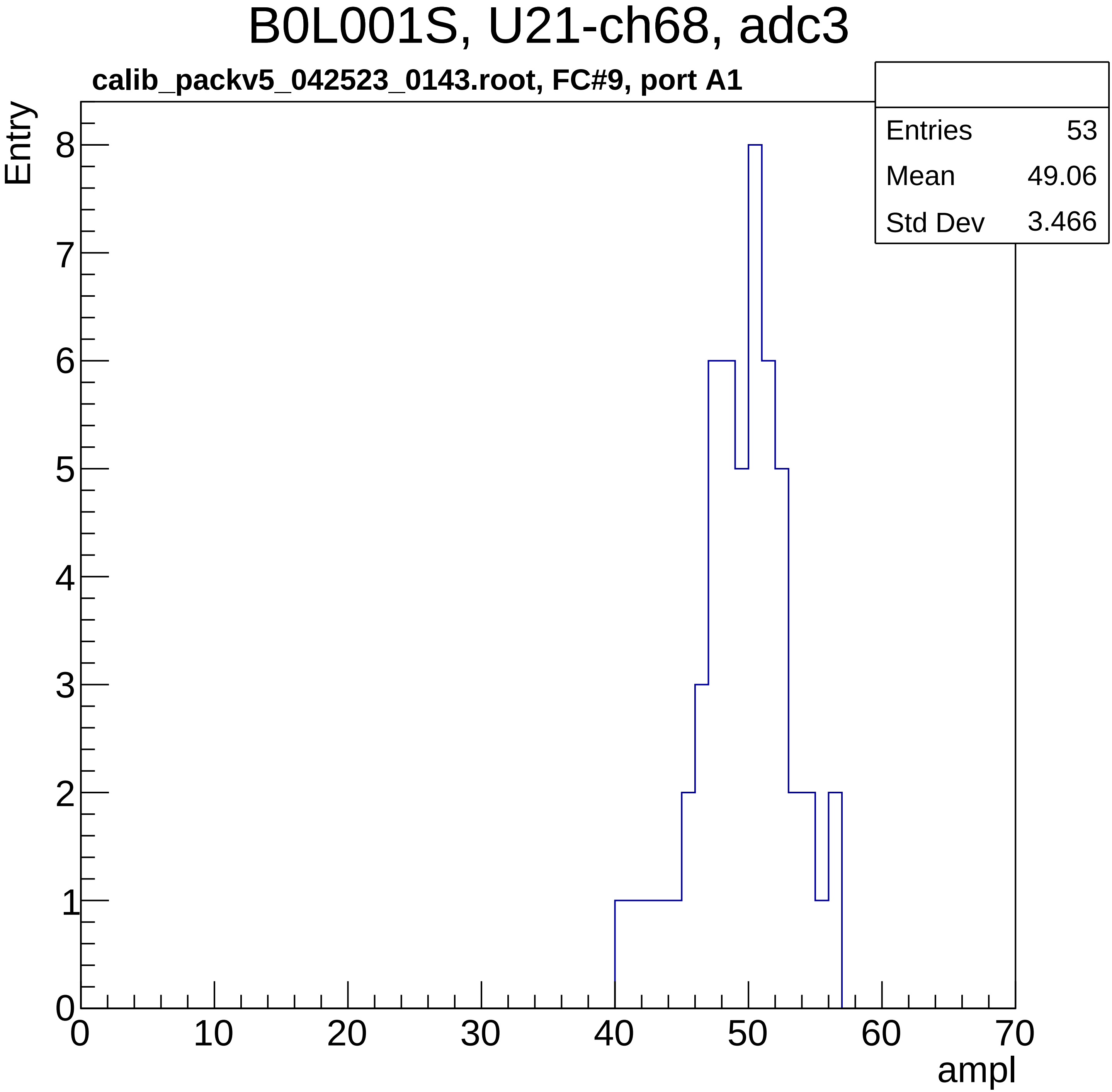


B0L001S, U21-ch68, adc0



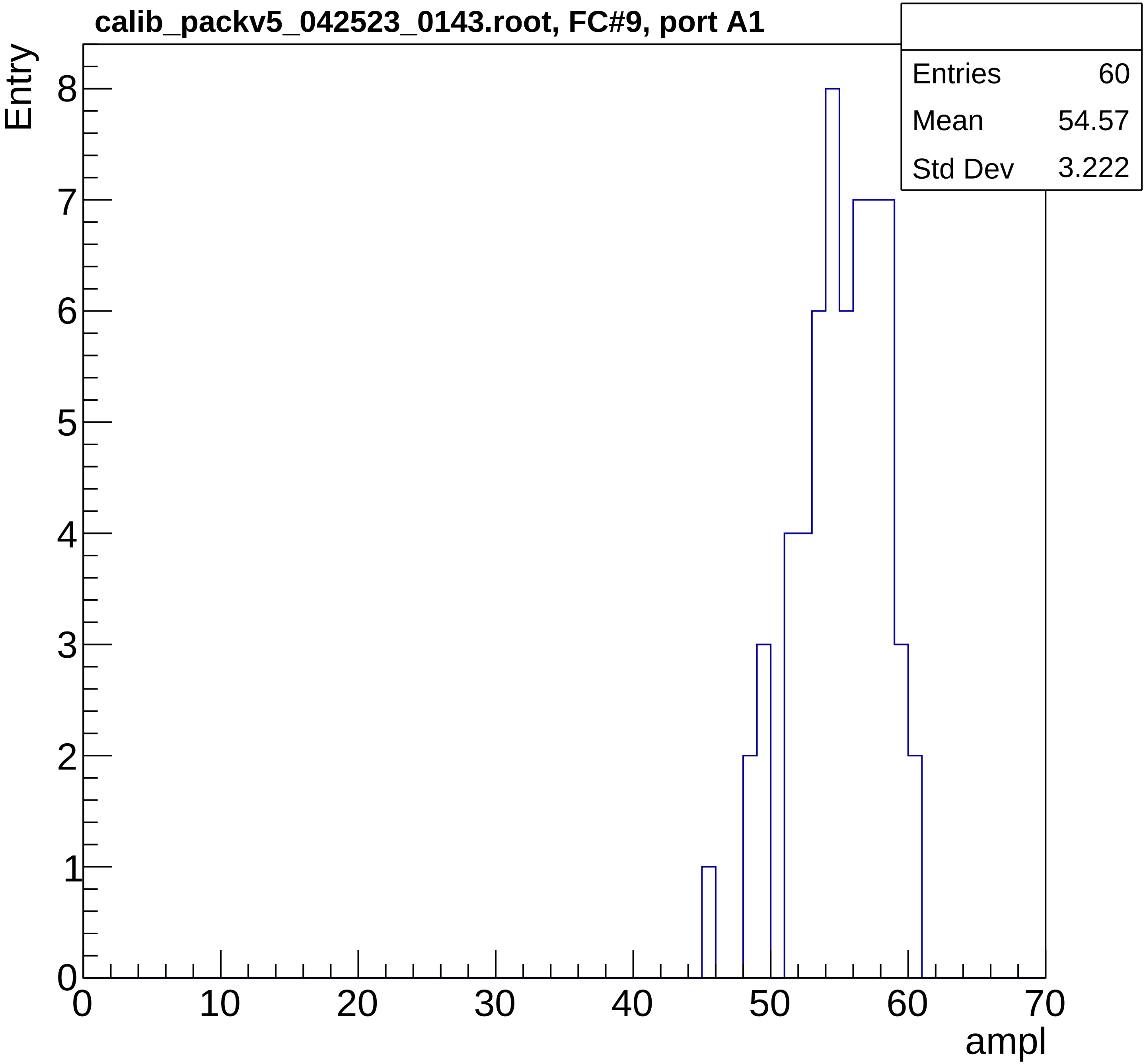

B0L001S, U21-ch68, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 37.73
Std Dev 3.617
Gaus mean : 37.0035
Gaus Width: 4.6123
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch68, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 42.98
Std Dev 3.471
Gaus mean : 43.5493
Gaus Width: 3.8590
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch68, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 49.06
Std Dev 3.466
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

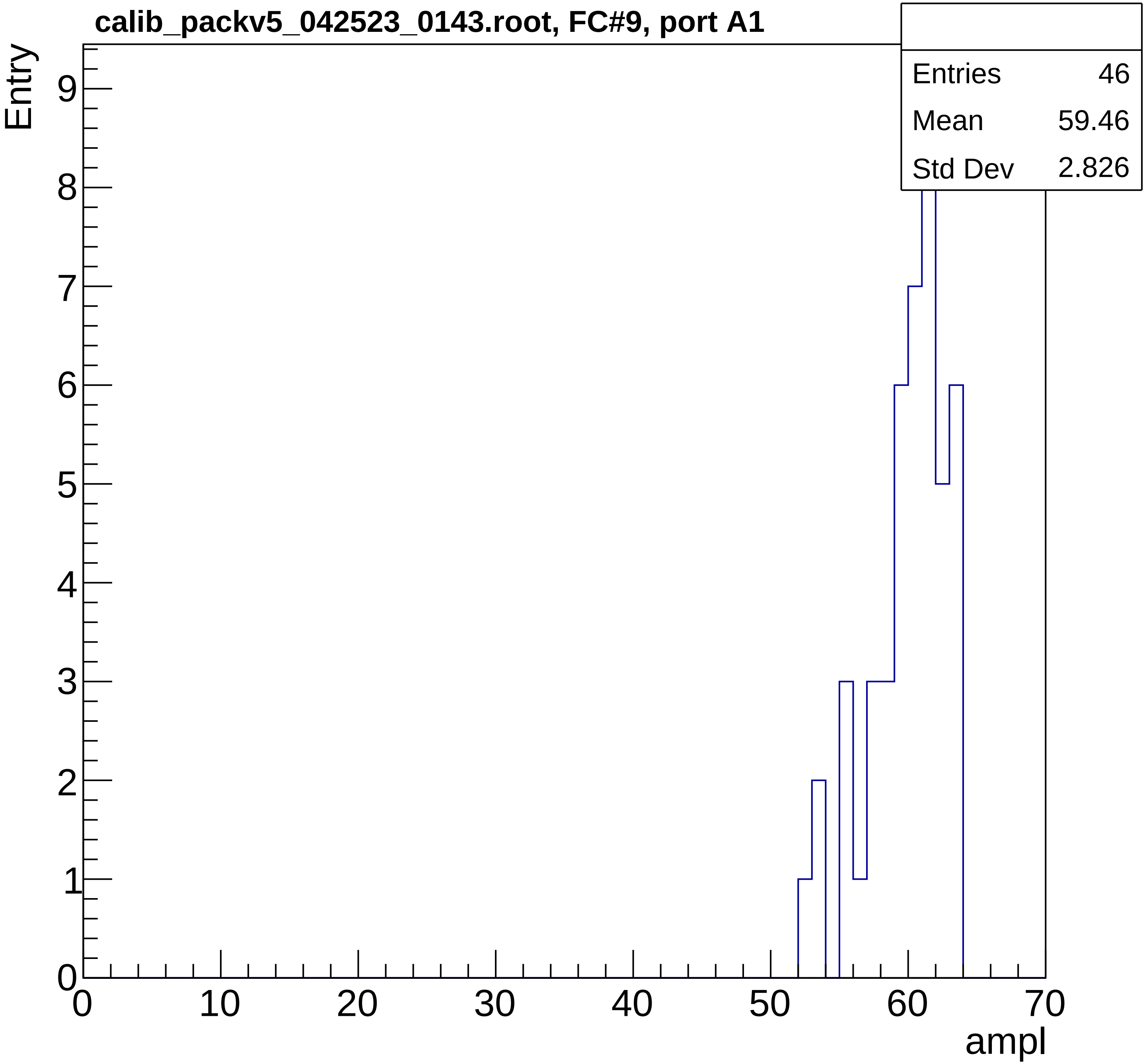
B0L001S, U21-ch68, adc4

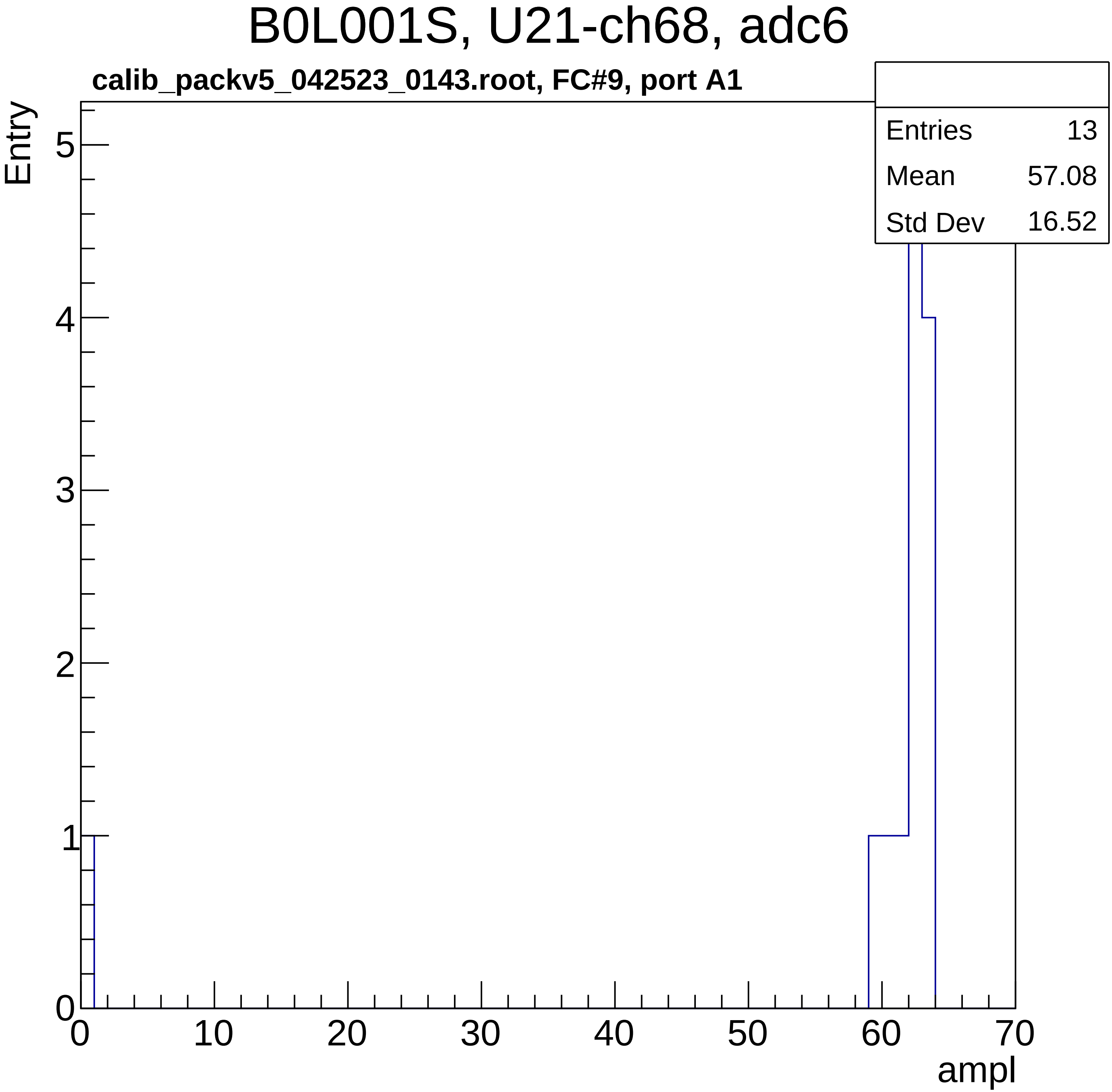
calib_packv5_042523_0143.root, FC#9, port A1



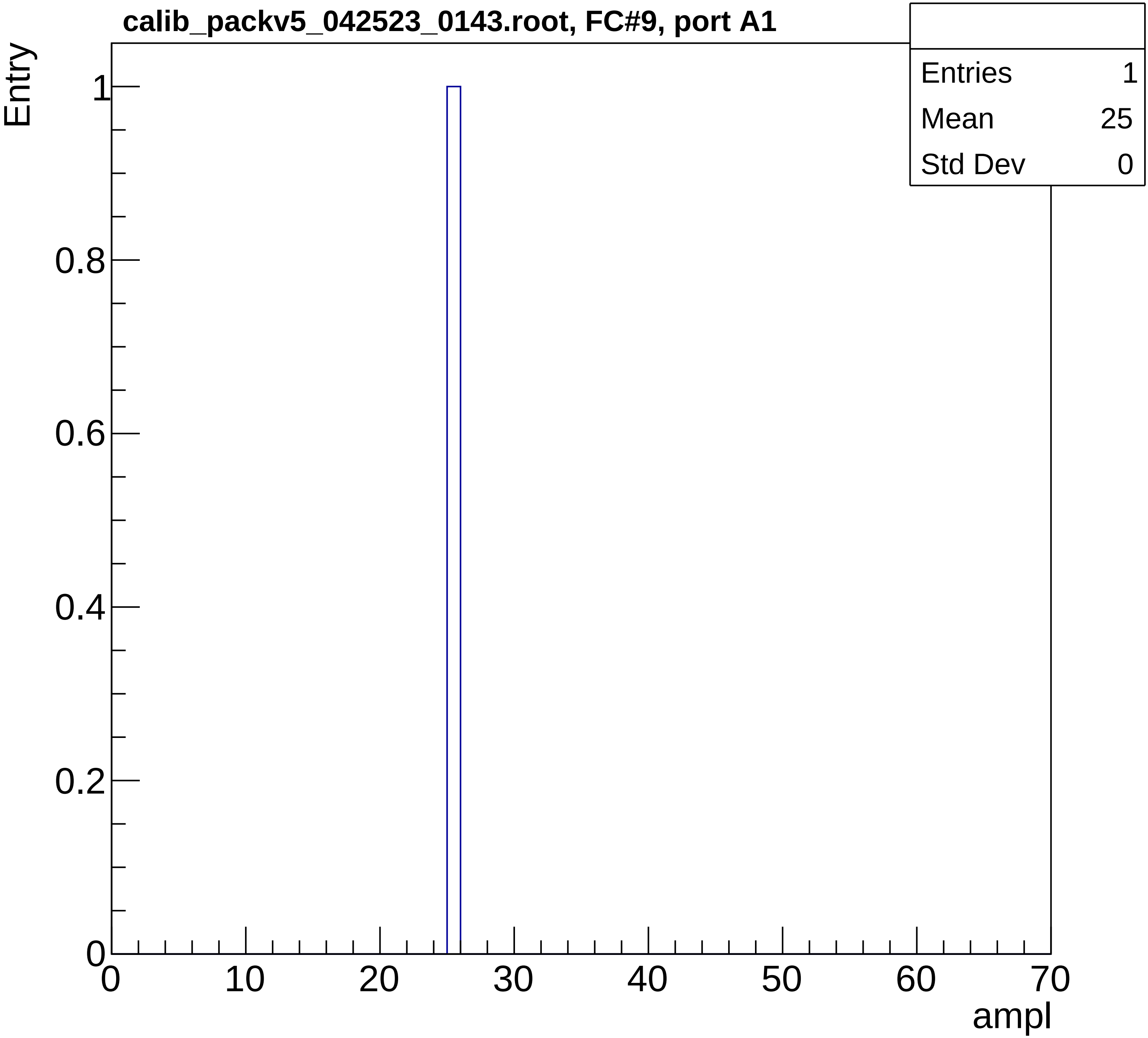
B0L001S, U21-ch68, adc5

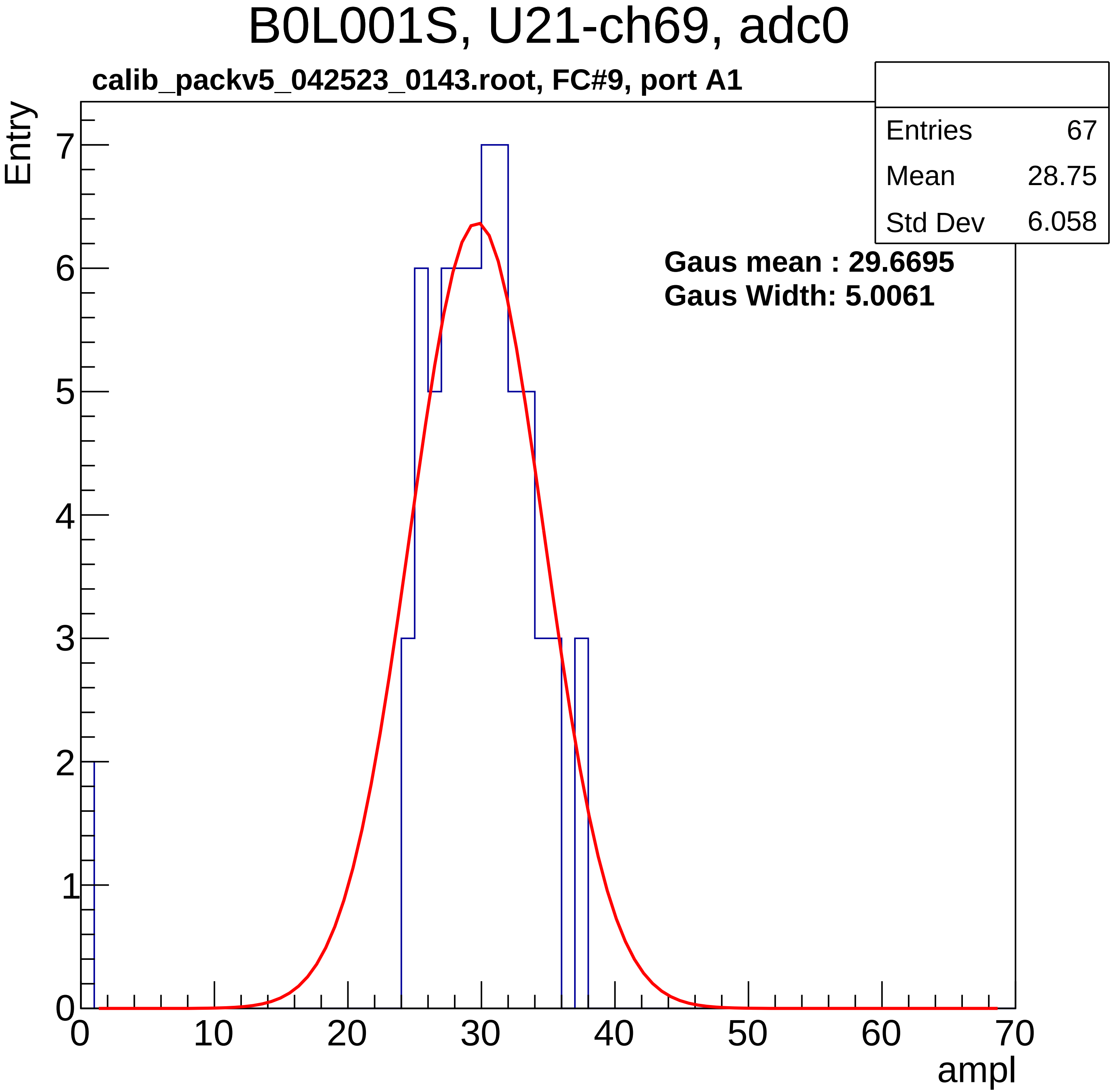
calib_packv5_042523_0143.root, FC#9, port A1

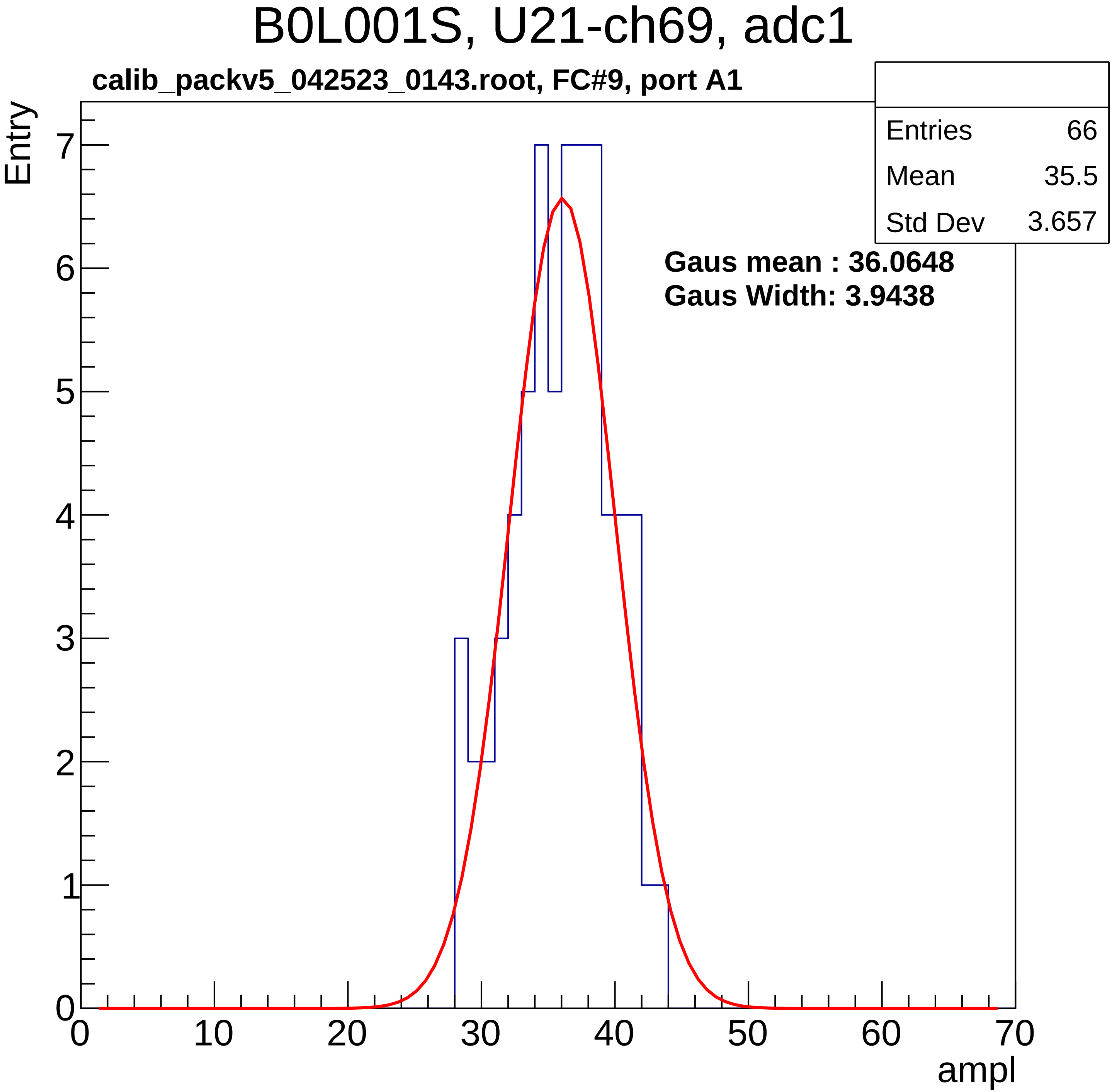


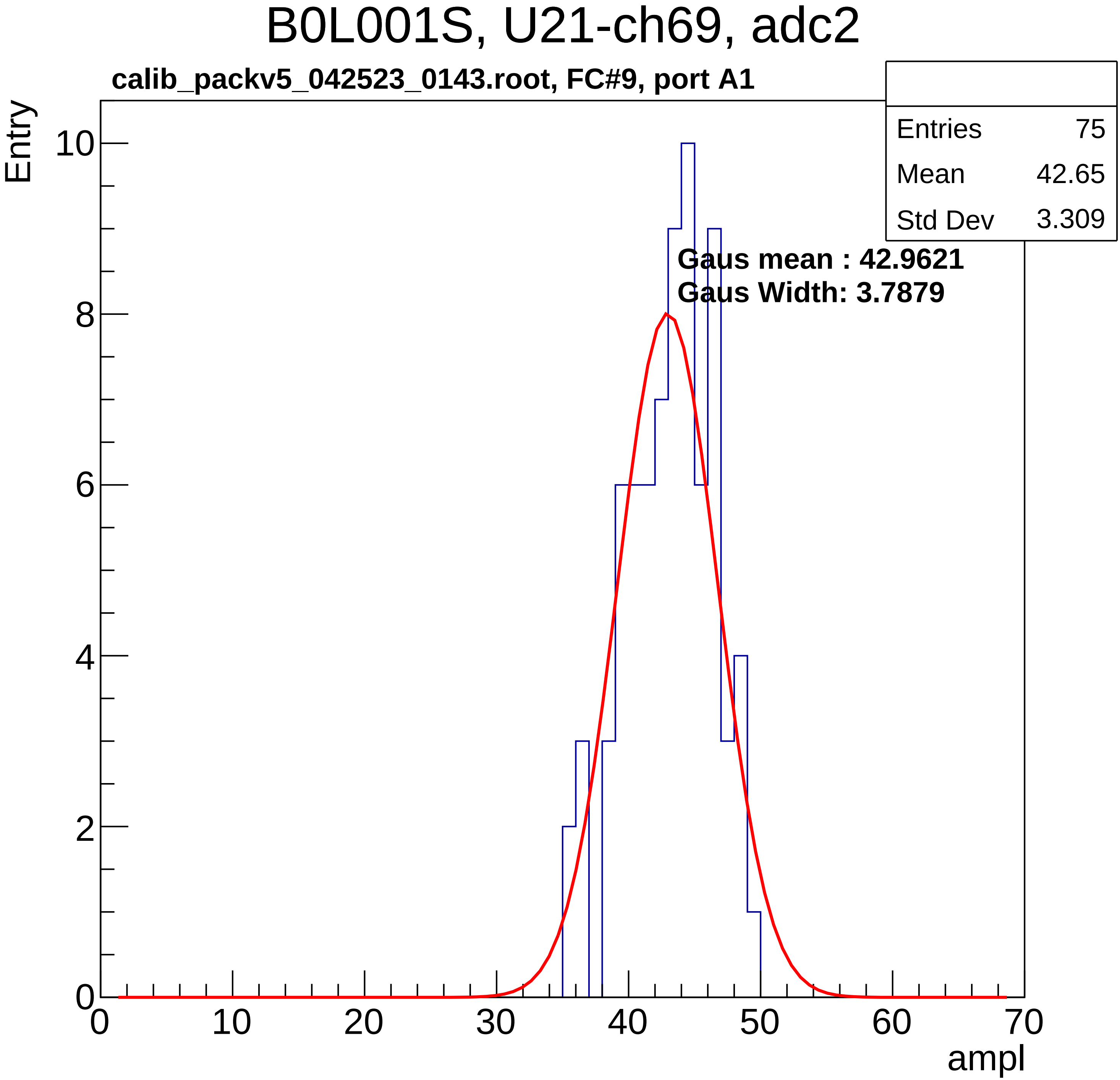

B0L001S, U21-ch68, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 13
Mean 57.08
Std Dev 16.52
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

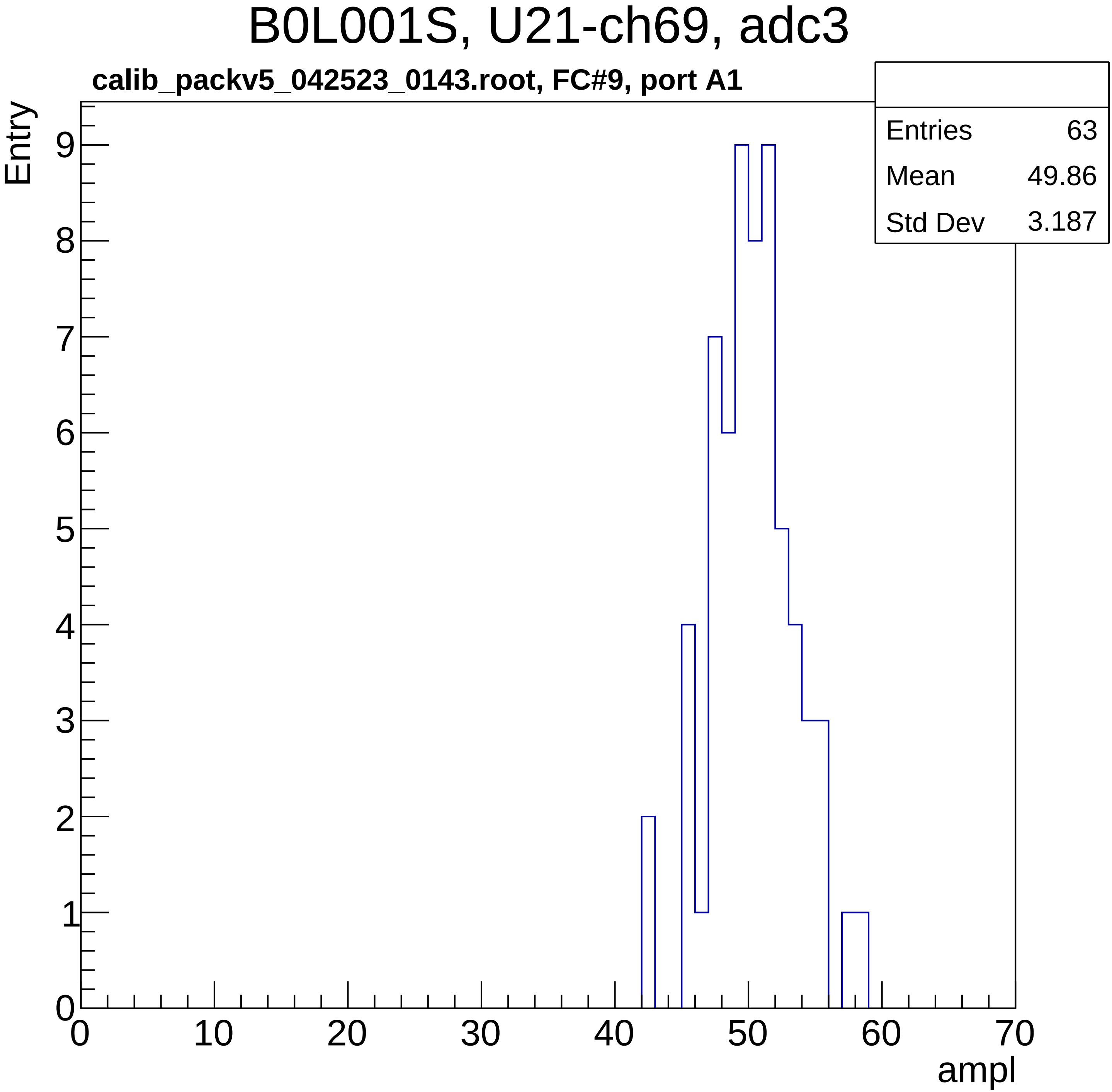
B0L001S, U21-ch68, adc7



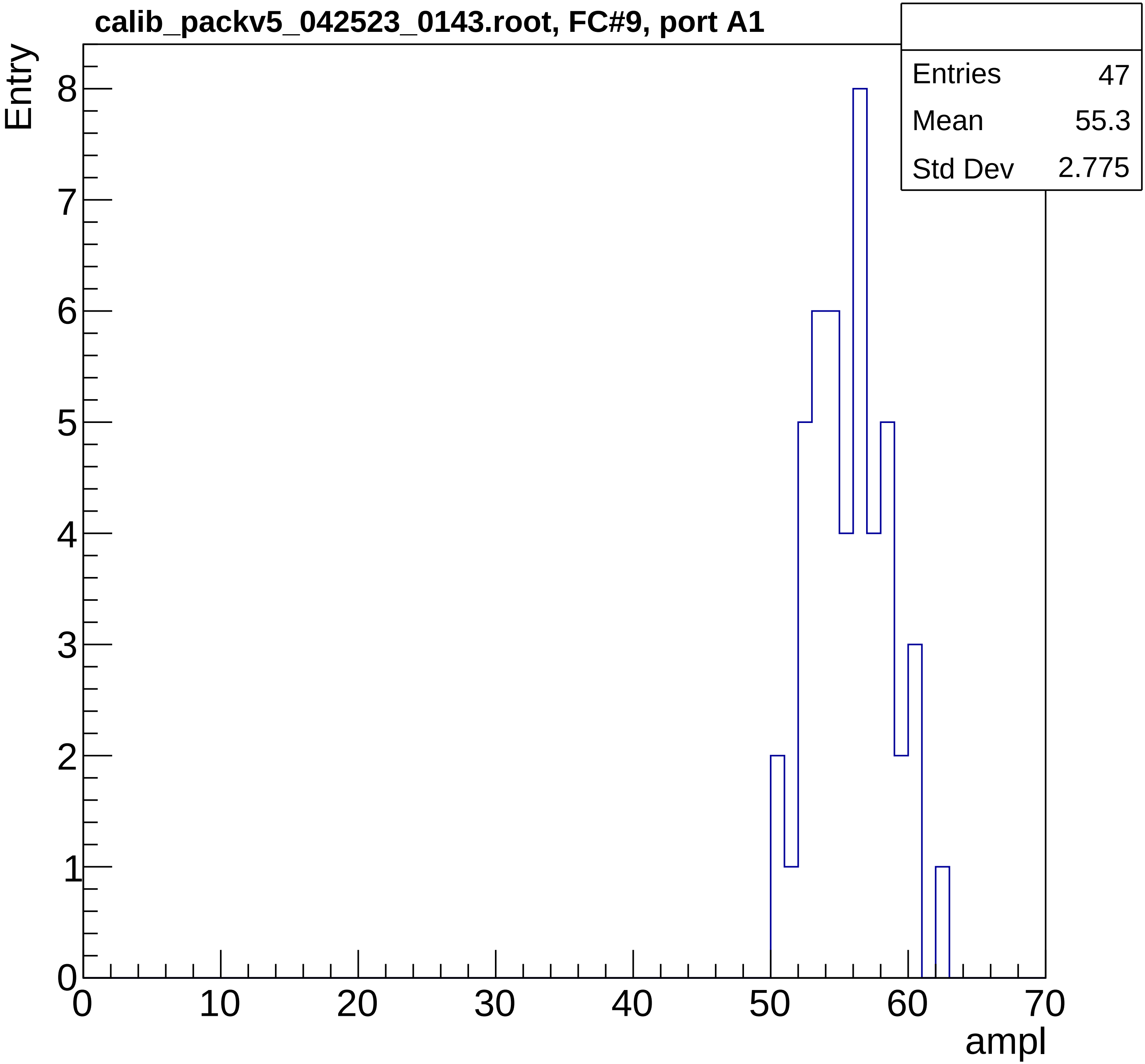

B0L001S, U21-ch69, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 28.75
Std Dev 6.058
Gaus mean : 29.6695
Gaus Width: 5.0061
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch69, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 35.5
Std Dev 3.657
Gaus mean : 36.0648
Gaus Width: 3.9438
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch69, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 42.65
Std Dev 3.309
Gaus mean : 42.9621
Gaus Width: 3.7879
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

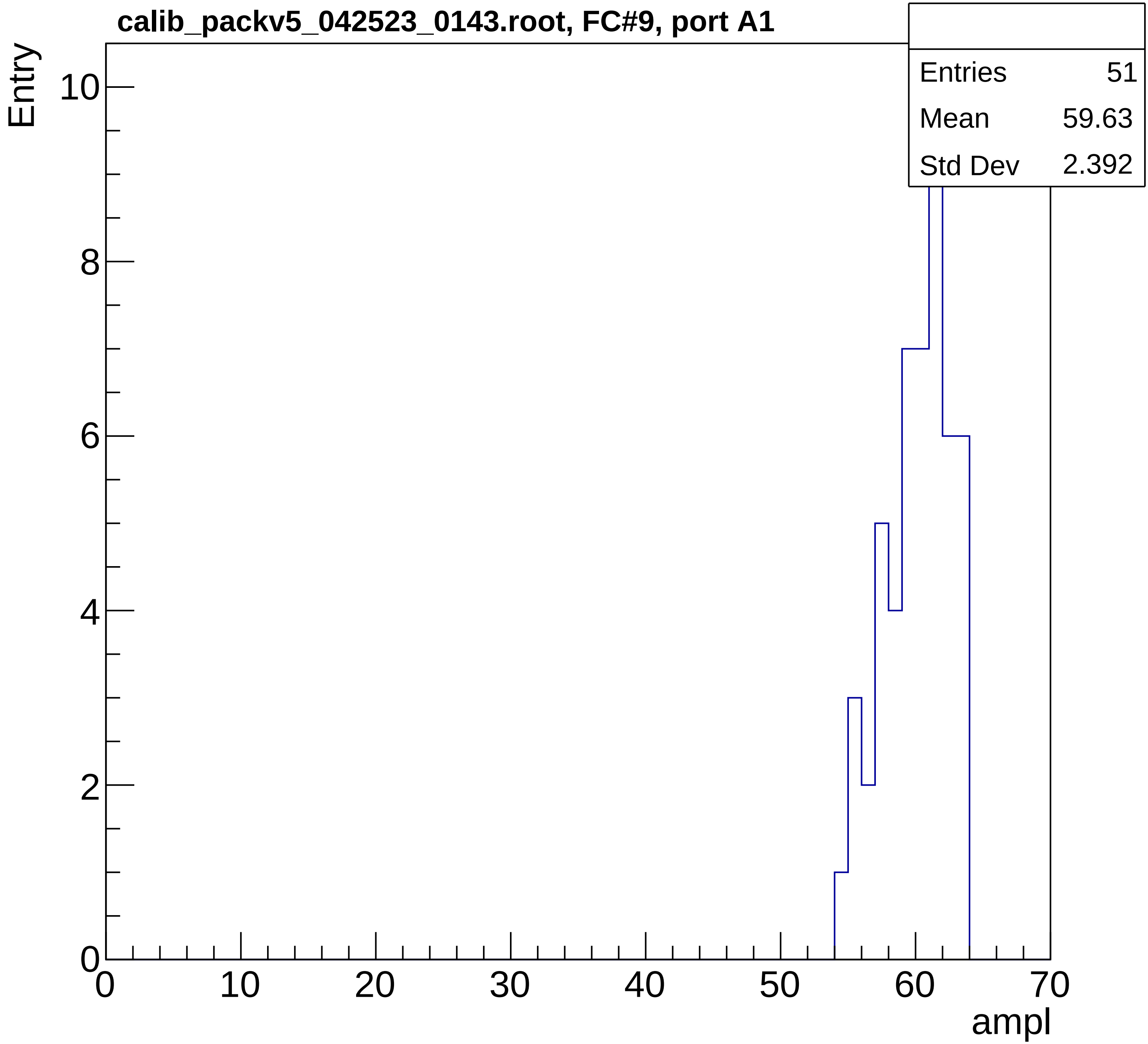

B0L001S, U21-ch69, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 49.86
Std Dev 3.187
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

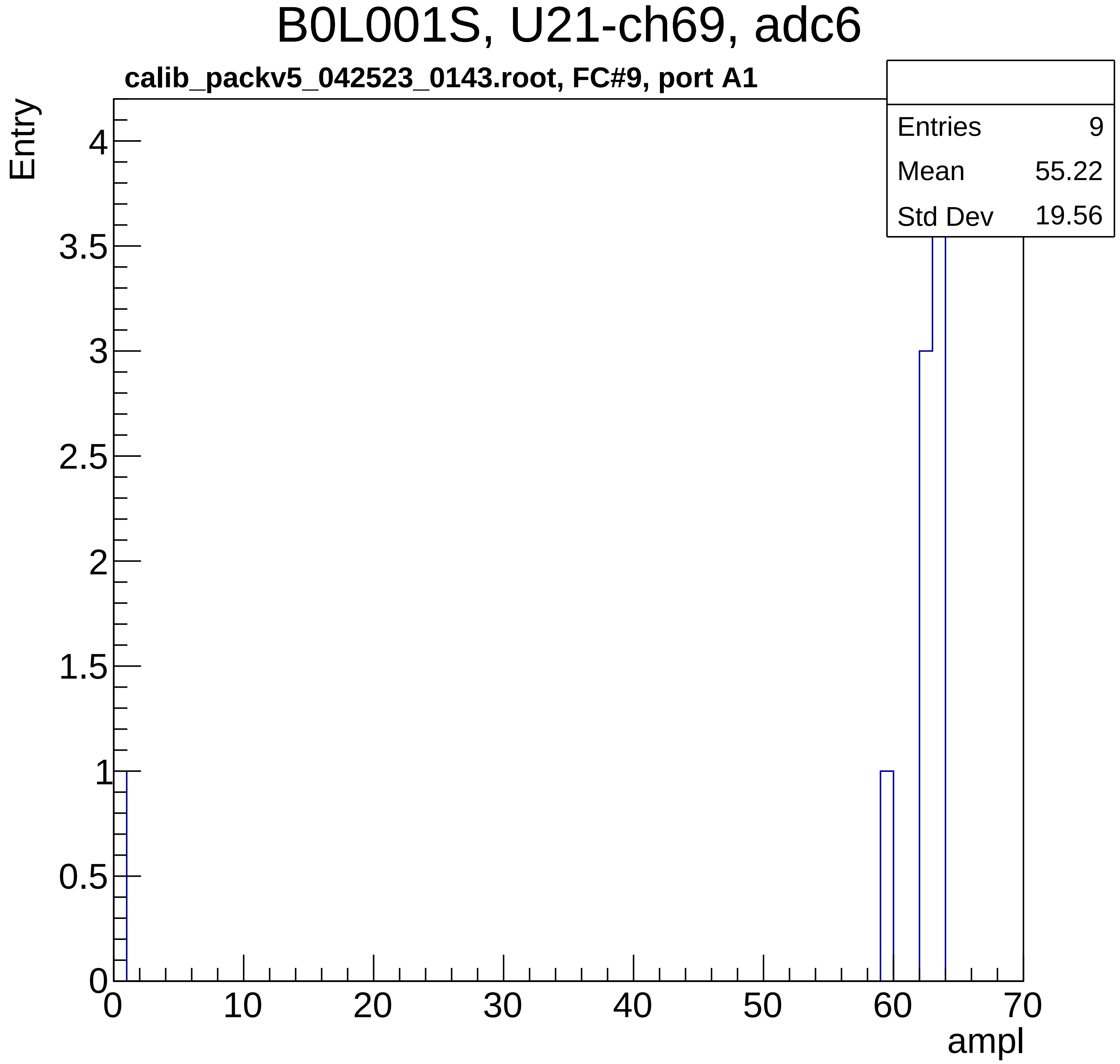
B0L001S, U21-ch69, adc4

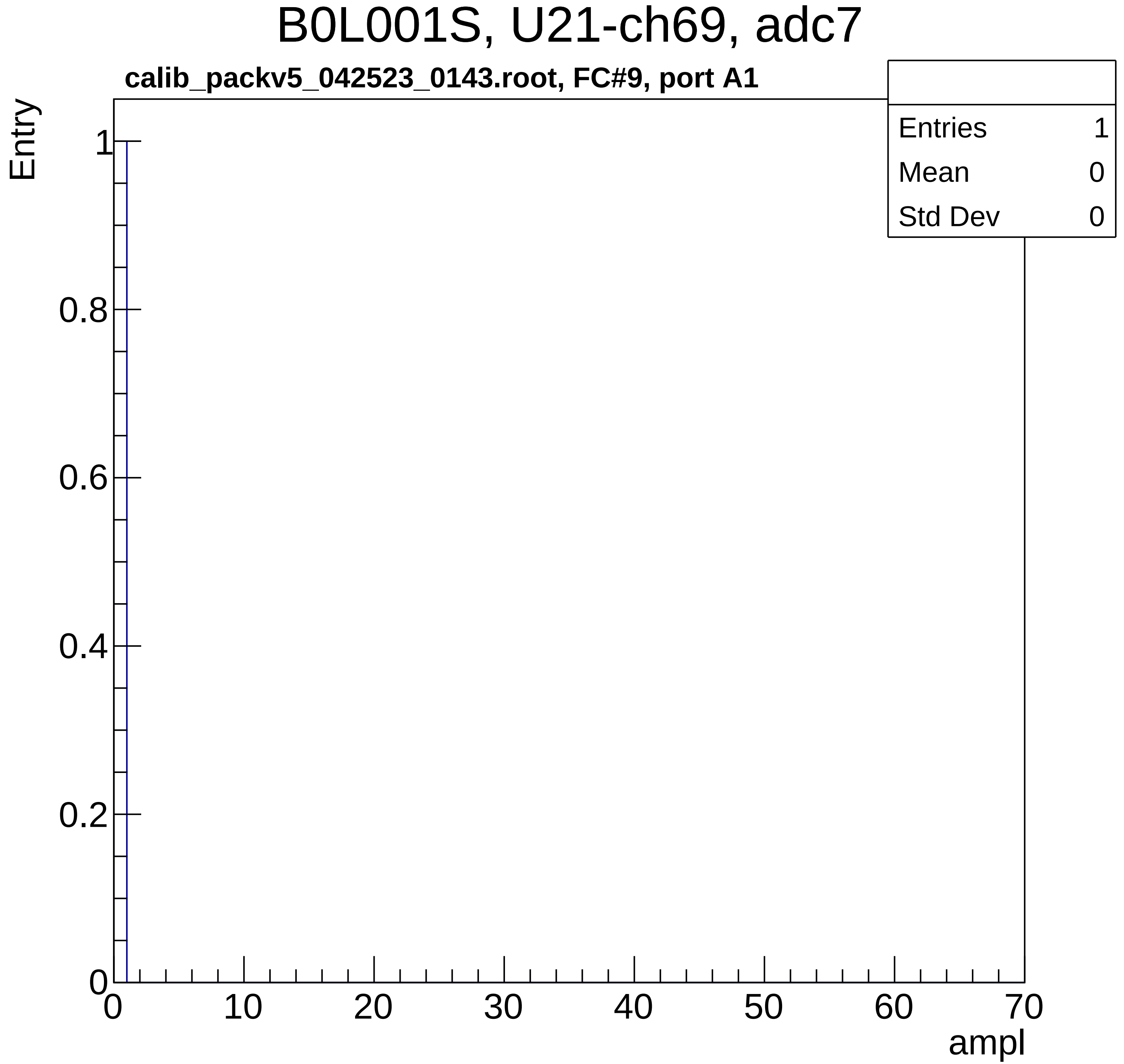


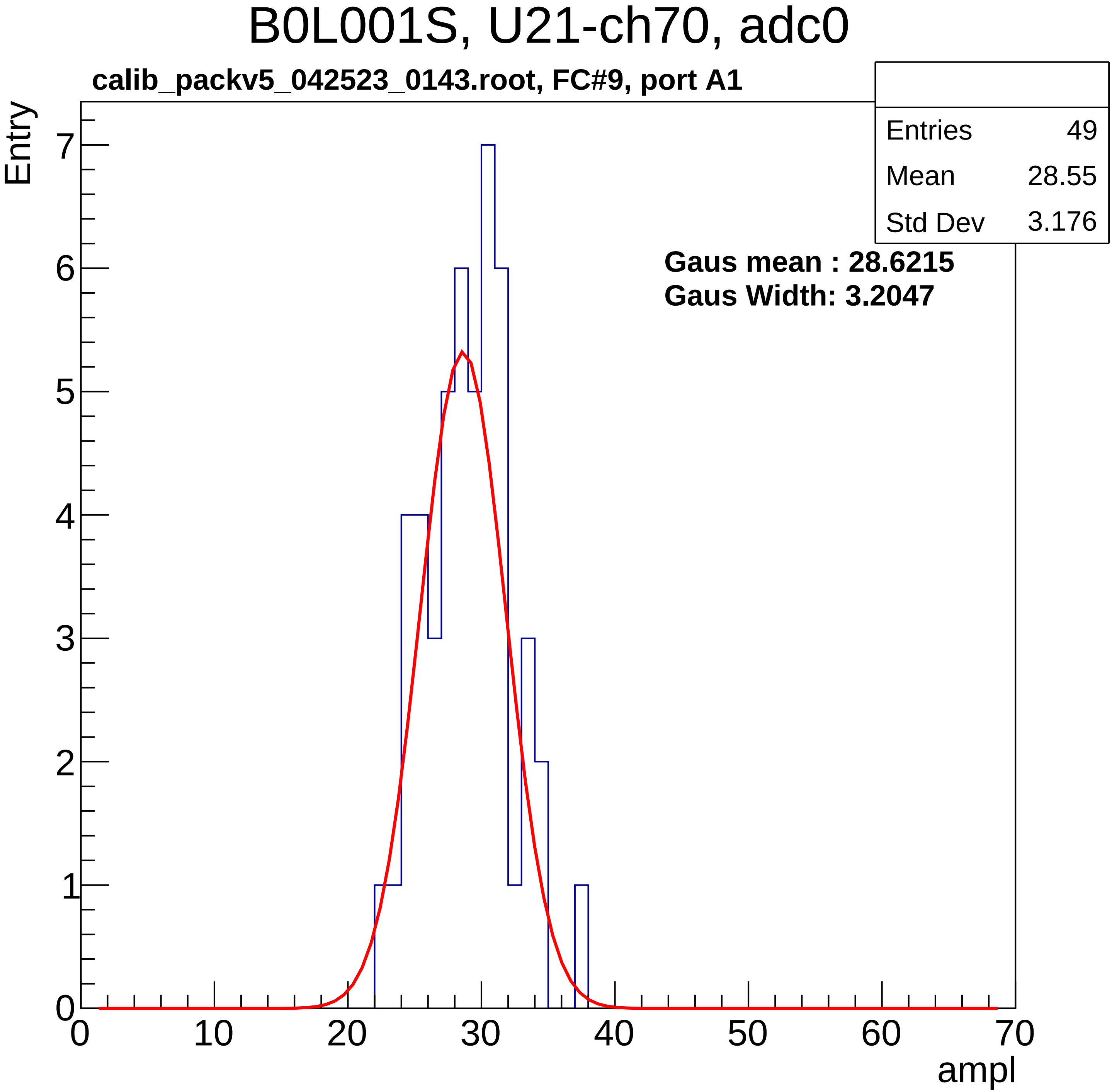
B0L001S, U21-ch69, adc5

calib_packv5_042523_0143.root, FC#9, port A1

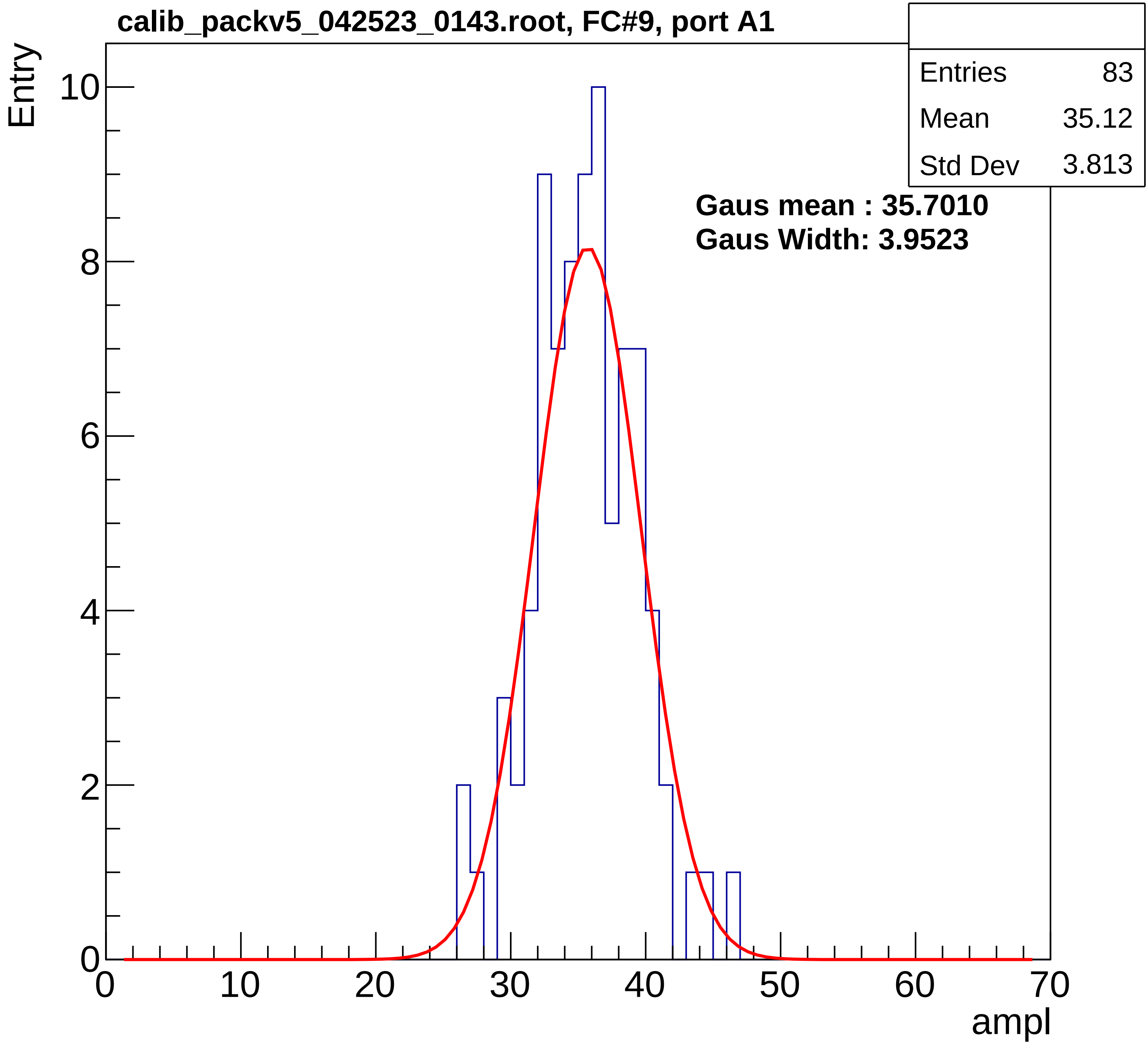


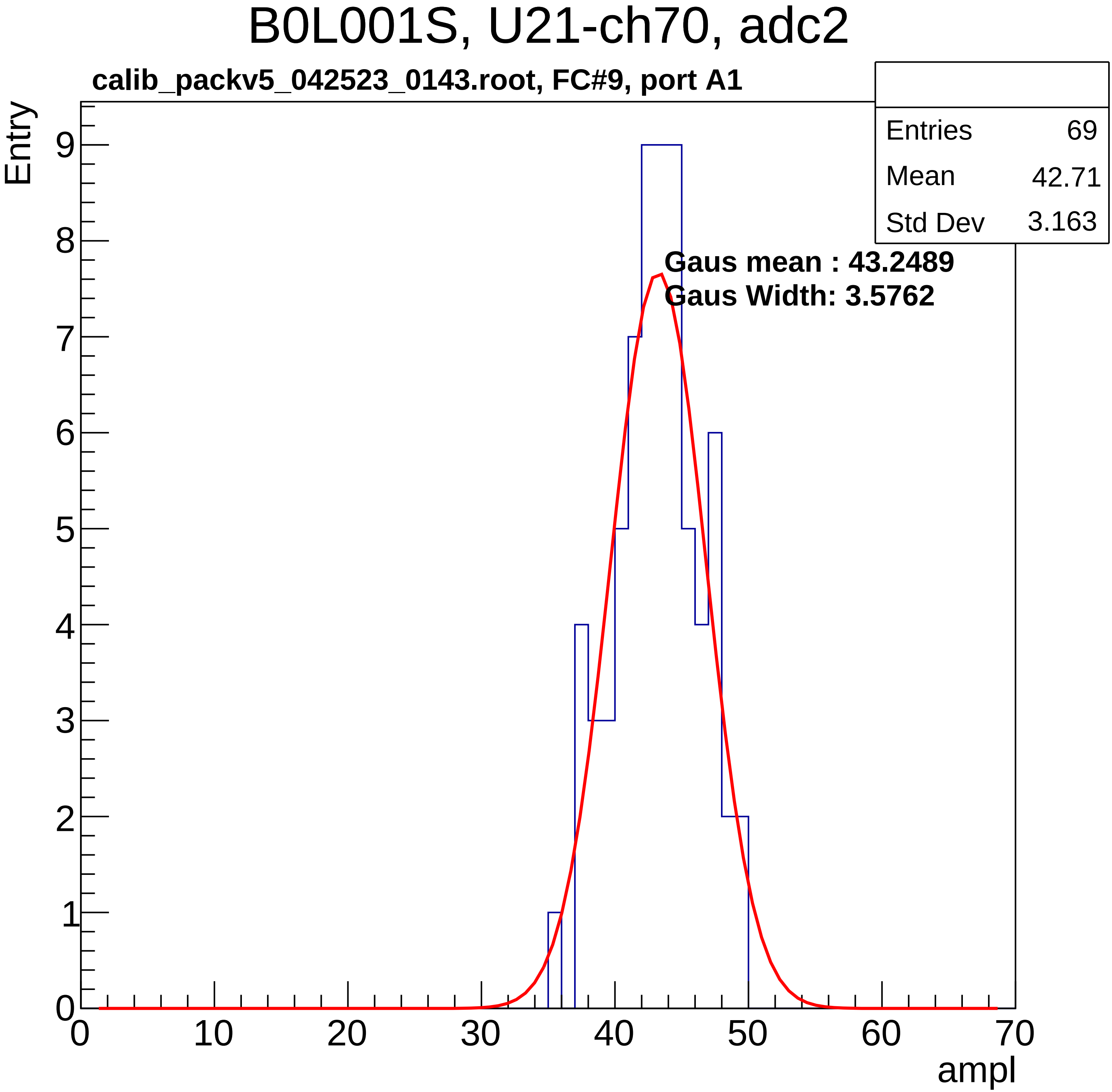

B0L001S, U21-ch69, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 9
Mean 55.22
Std Dev 19.56
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl

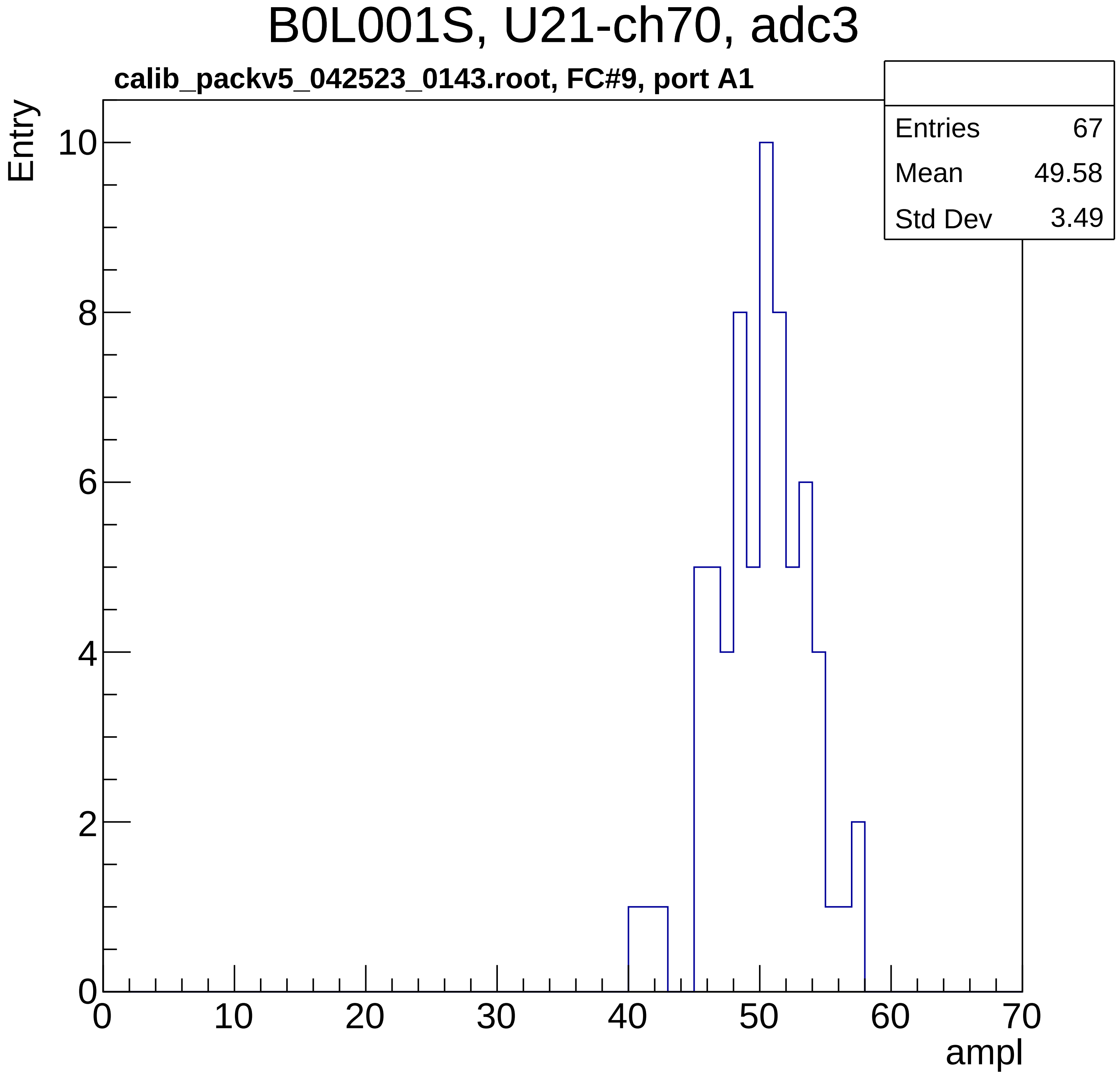

B0L001S, U21-ch69, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch70, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 28.55
Std Dev 3.176
Gaus mean : 28.6215
Gaus Width: 3.2047
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch70, adc1

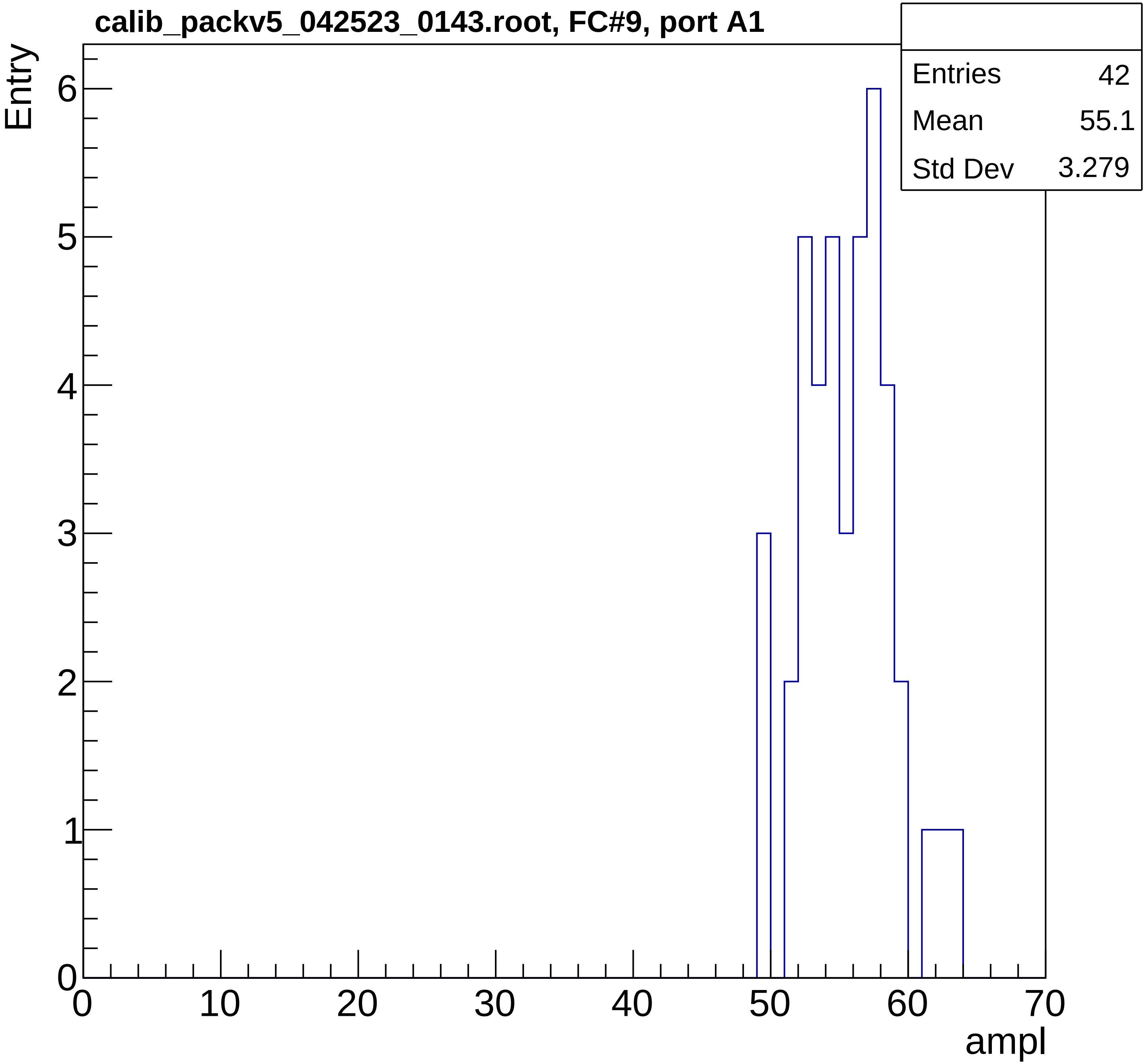



B0L001S, U21-ch70, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 42.71
Std Dev 3.163
Gaus mean : 43.2489
Gaus Width: 3.5762
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch70, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 49.58
Std Dev 3.49
Entry
10
8
6
4
2
0
0
10
20
30
40
50
60
70
ampl

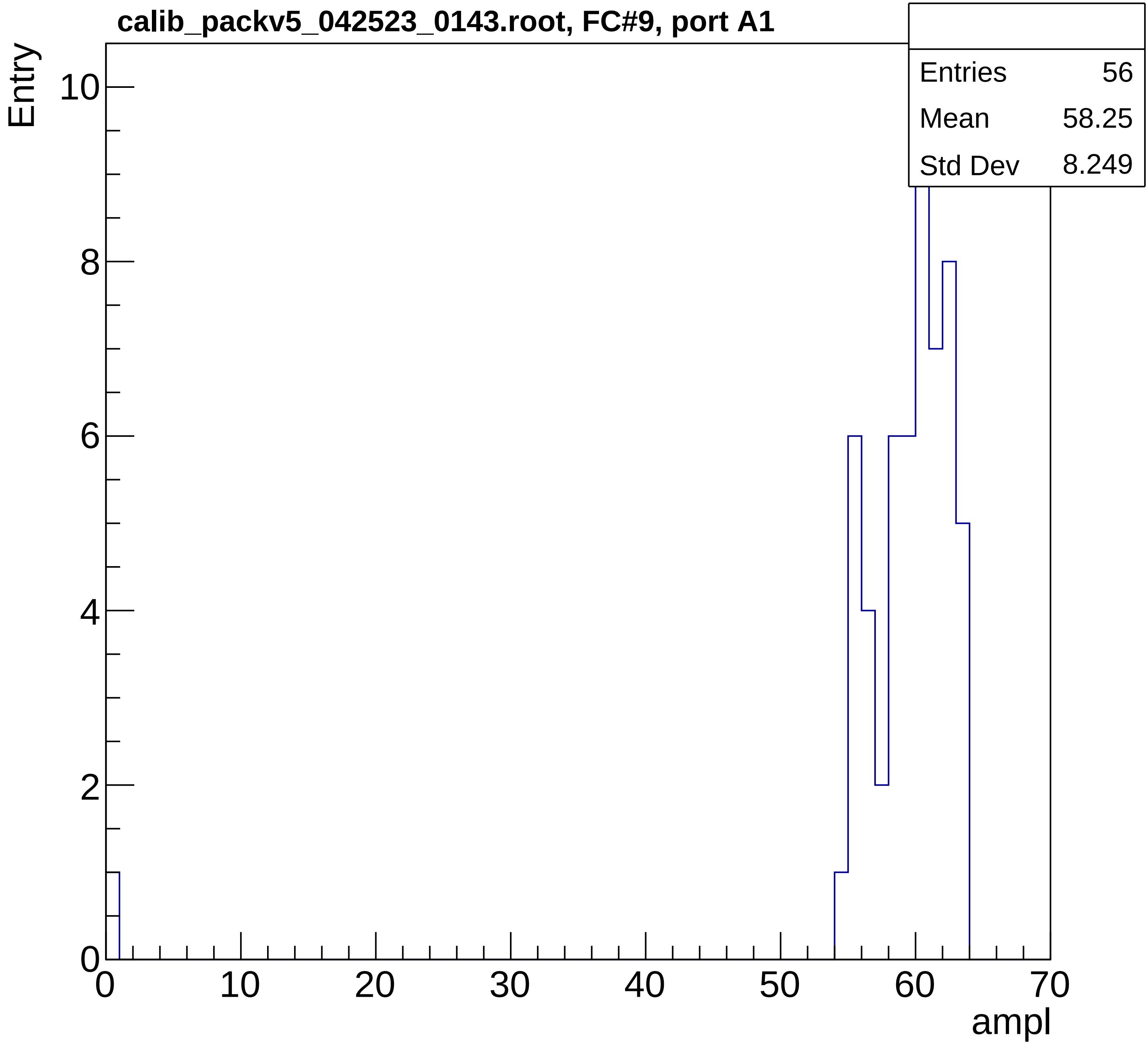
B0L001S, U21-ch70, adc4

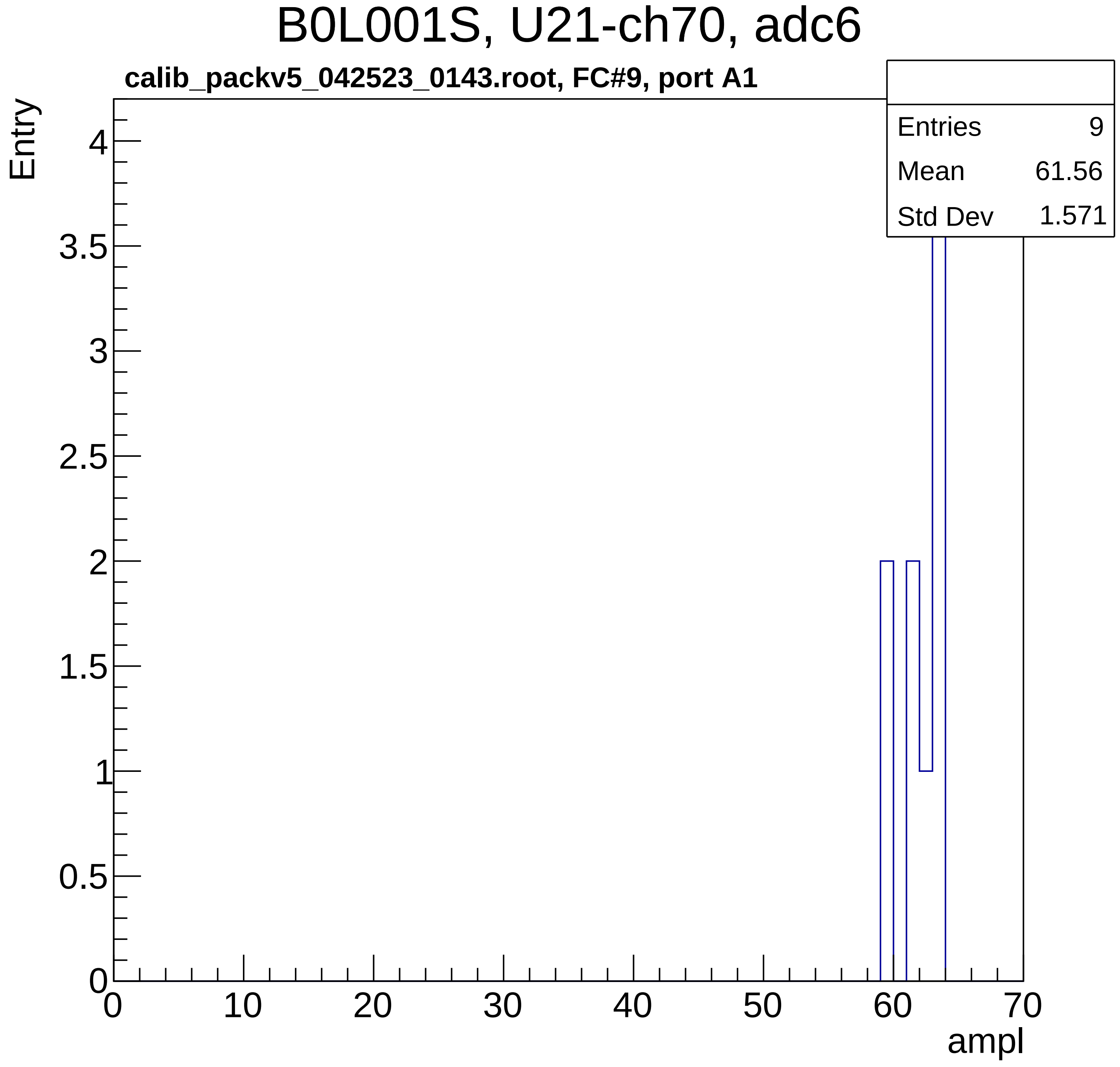
calib_packv5_042523_0143.root, FC#9, port A1



B0L001S, U21-ch70, adc5

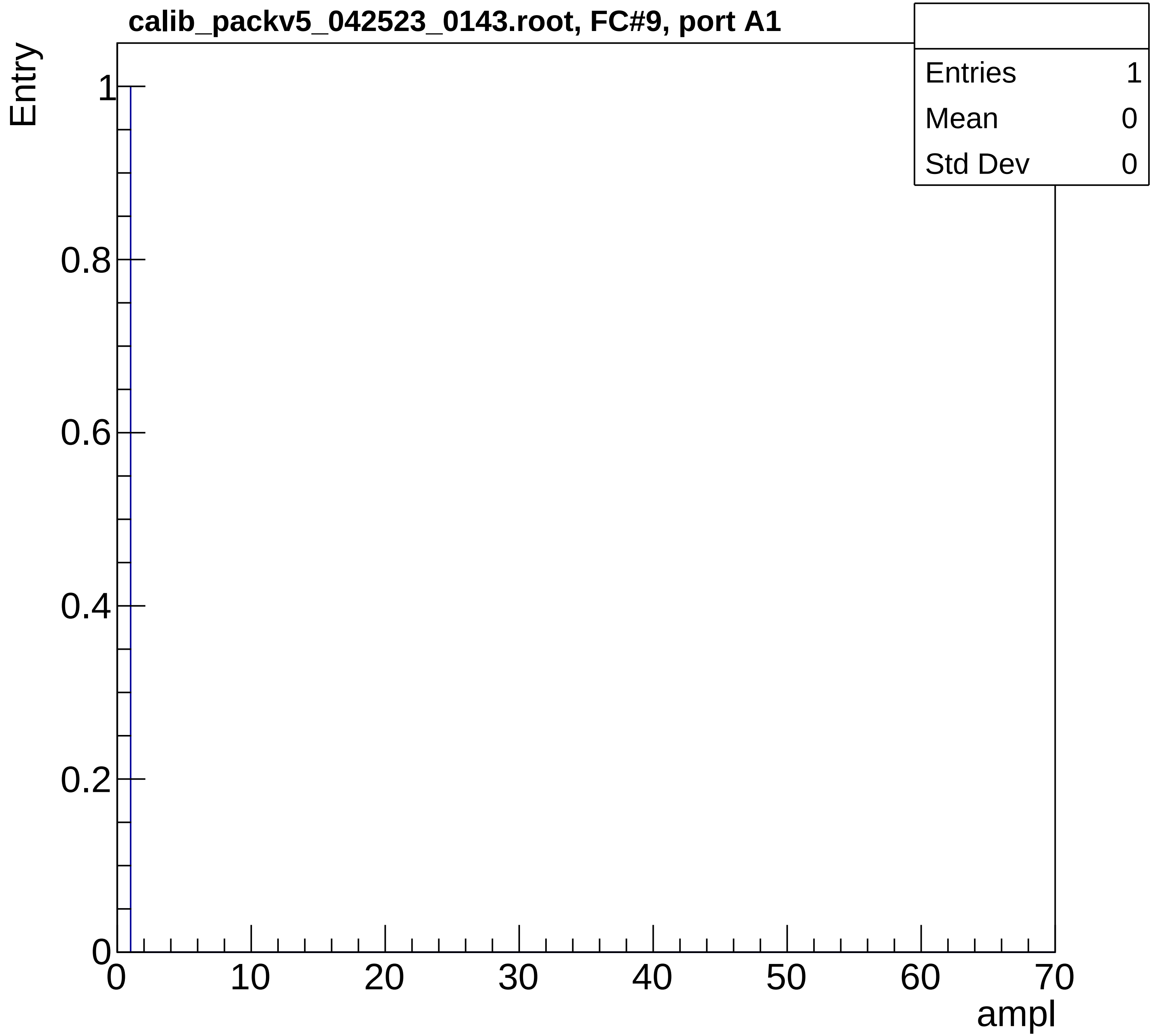
calib_packv5_042523_0143.root, FC#9, port A1

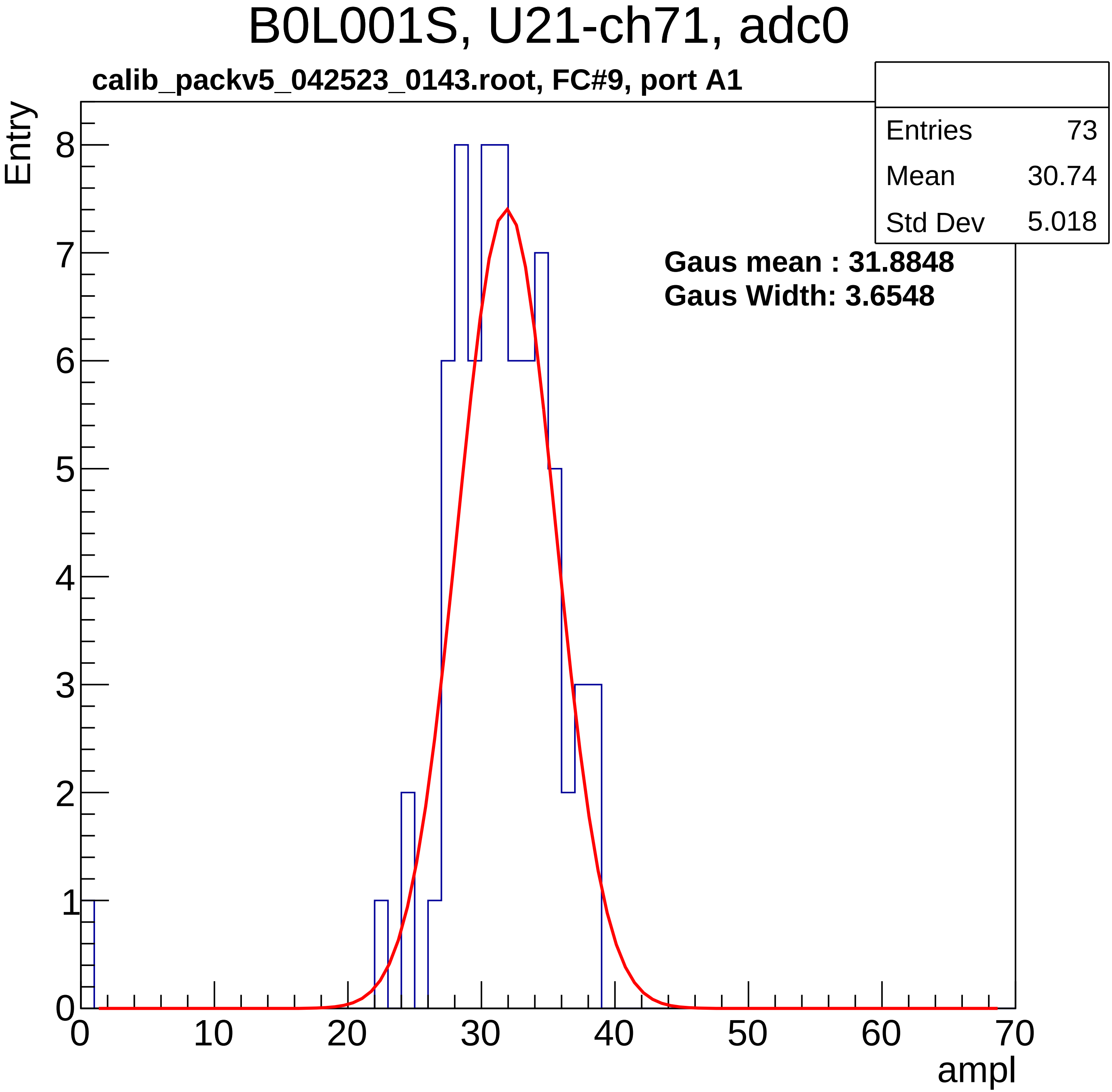


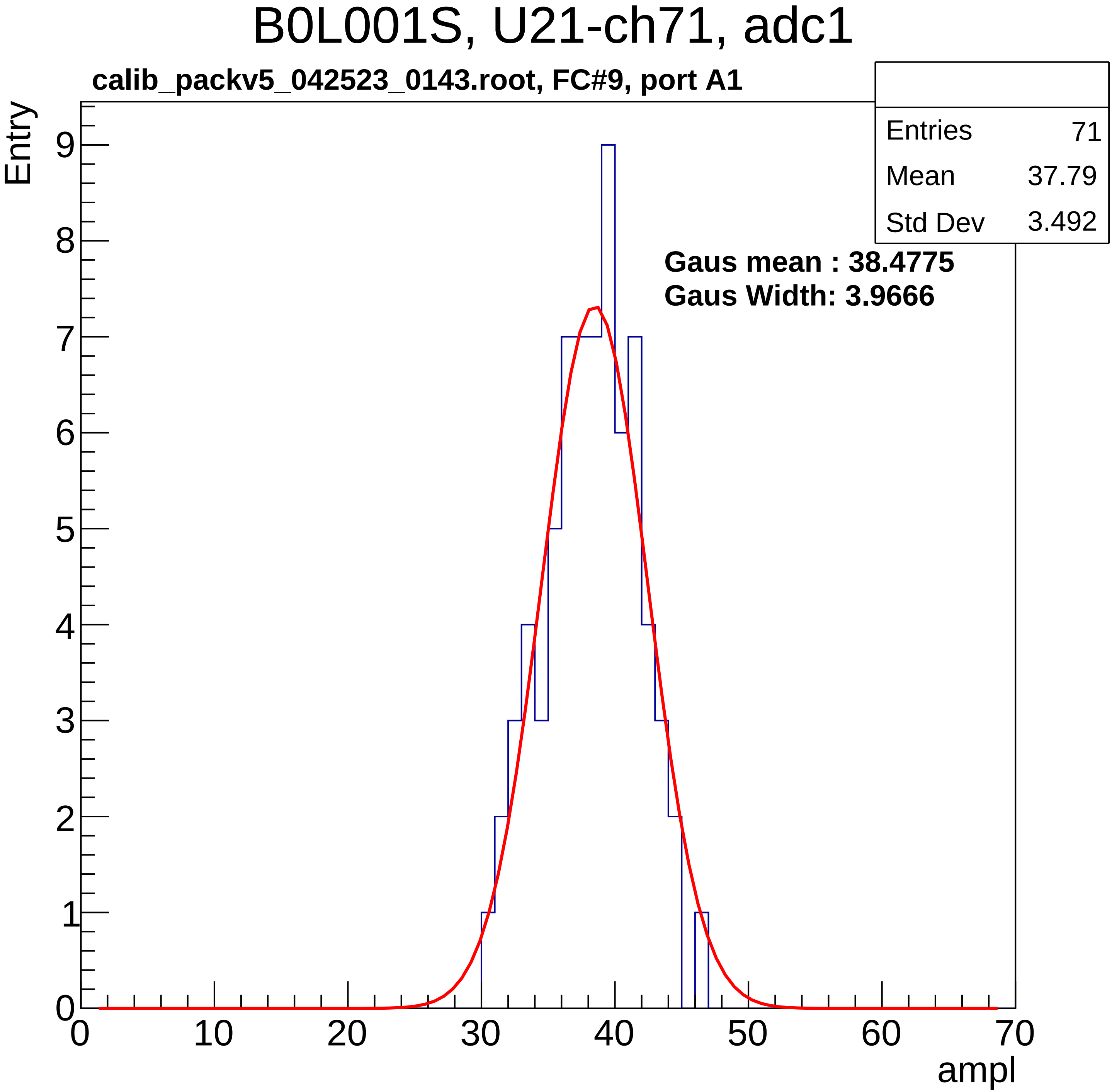

B0L001S, U21-ch70, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 9
Mean 61.56
Std Dev 1.571
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl

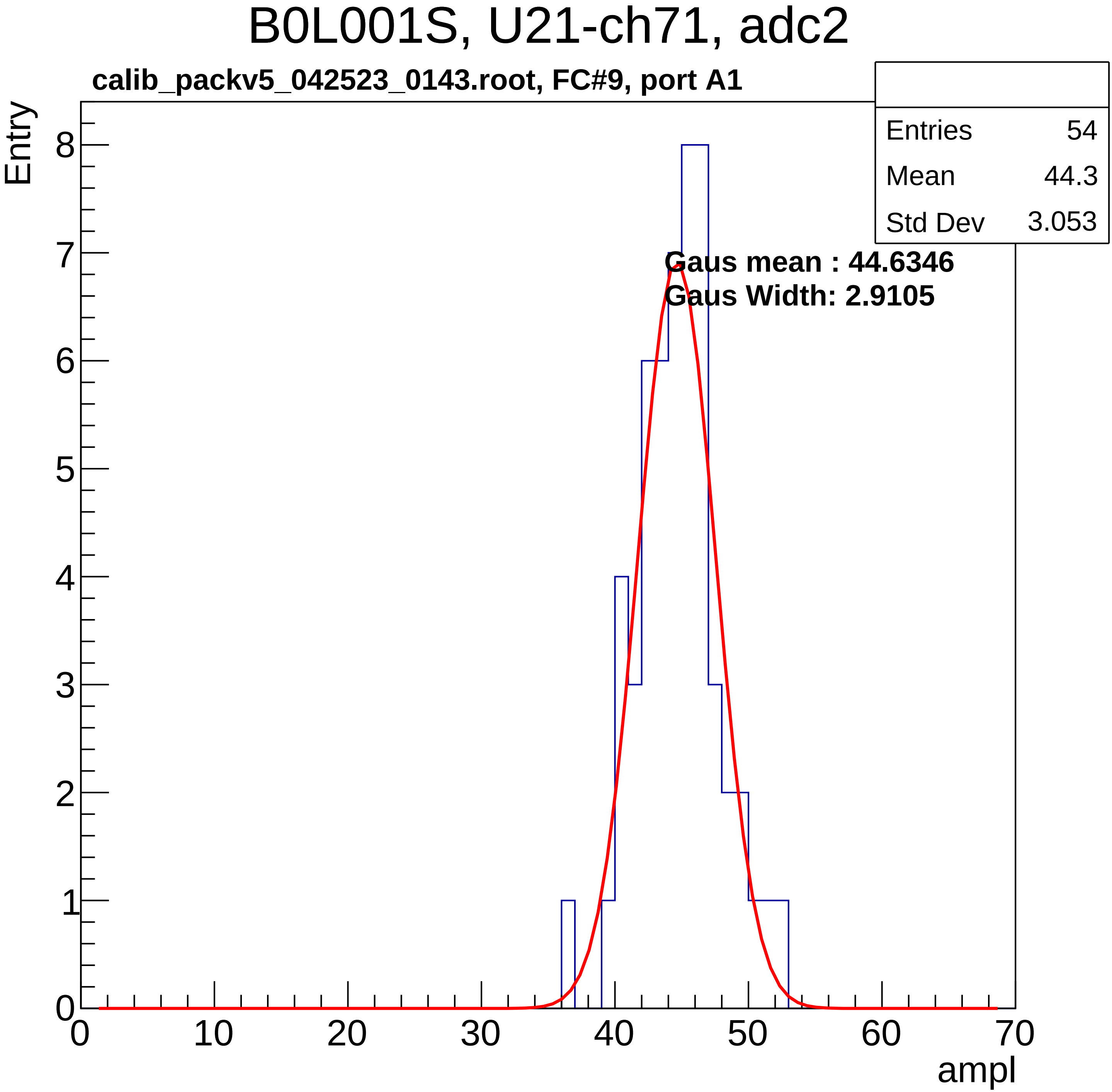
B0L001S, U21-ch70, adc7

calib_packv5_042523_0143.root, FC#9, port A1



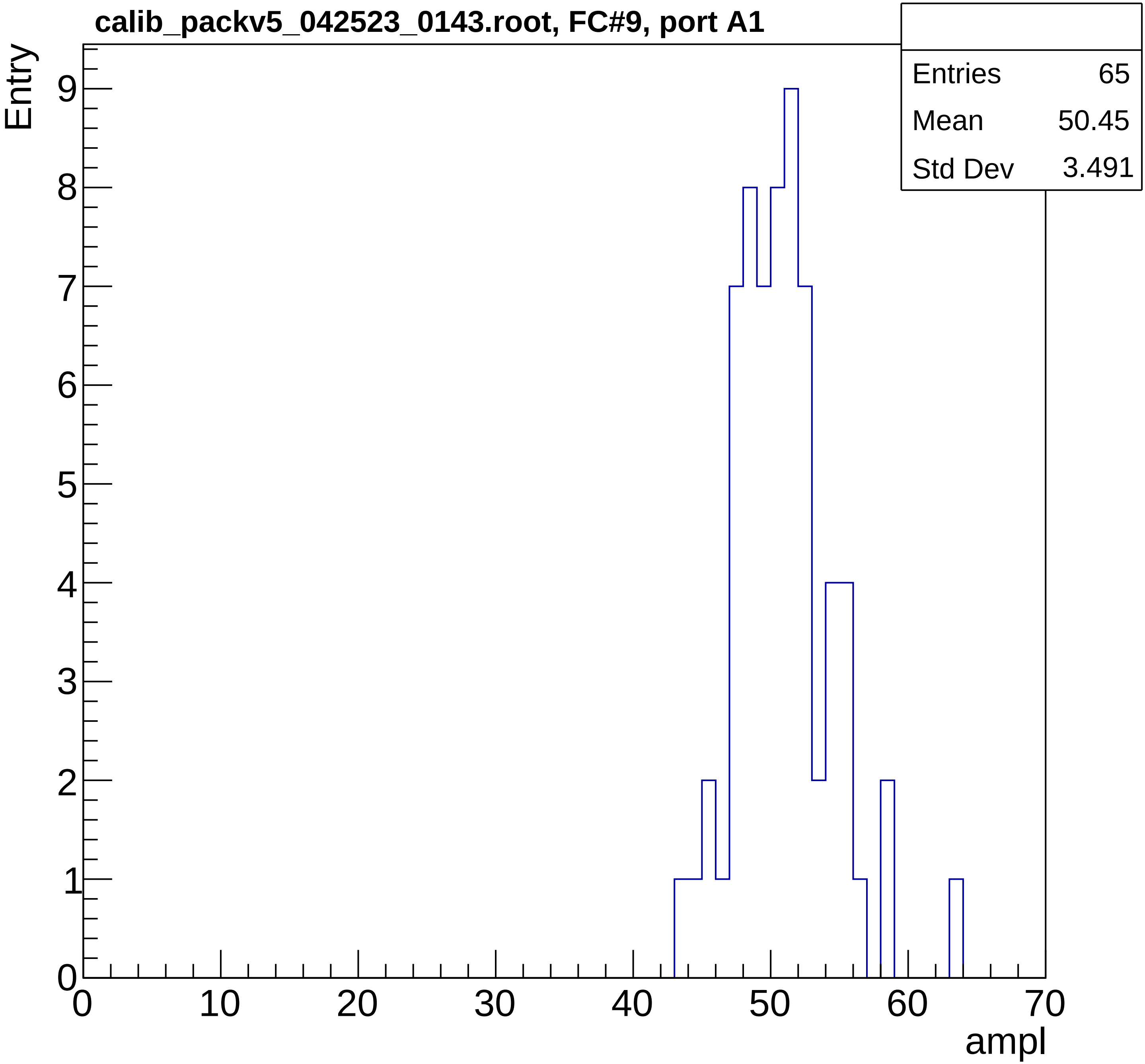

B0L001S, U21-ch71, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 30.74
Std Dev 5.018
Gaus mean : 31.8848
Gaus Width: 3.6548
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

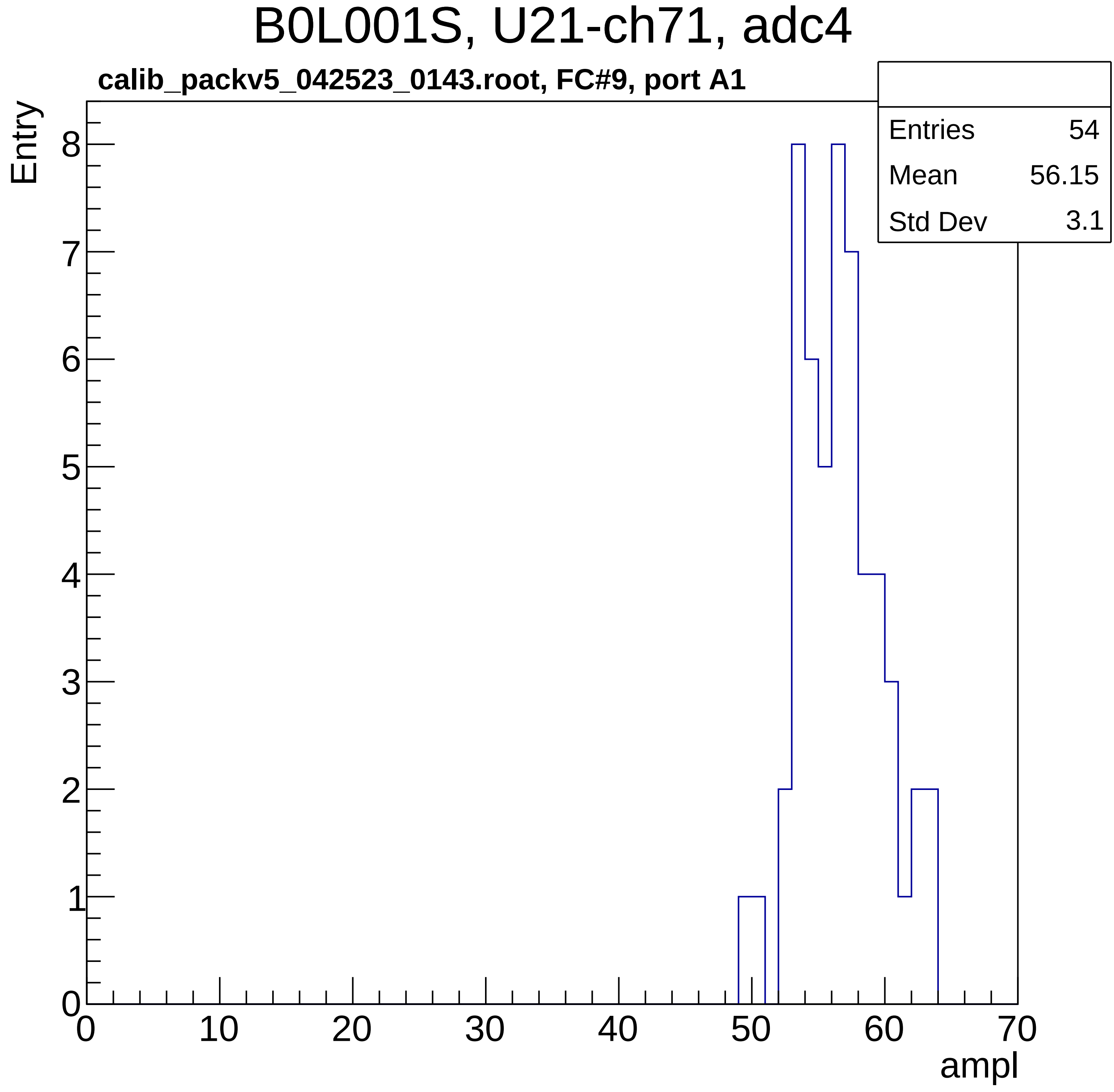

B0L001S, U21-ch71, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.79
Std Dev 3.492
Gaus mean : 38.4775
Gaus Width: 3.9666
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

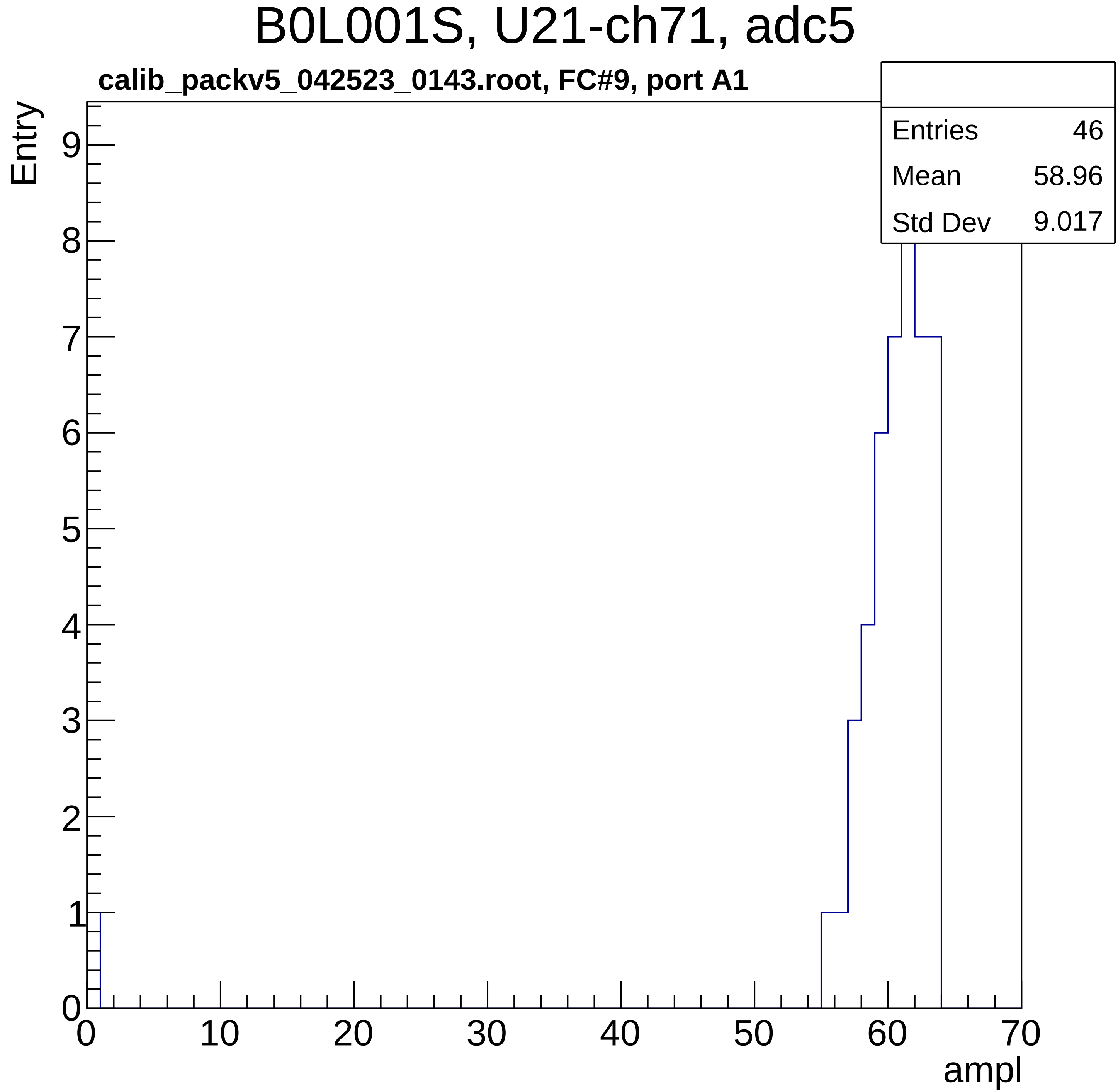

B0L001S, U21-ch71, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 44.3
Std Dev 3.053
Gaus mean : 44.6346
Gaus Width: 2.9105
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

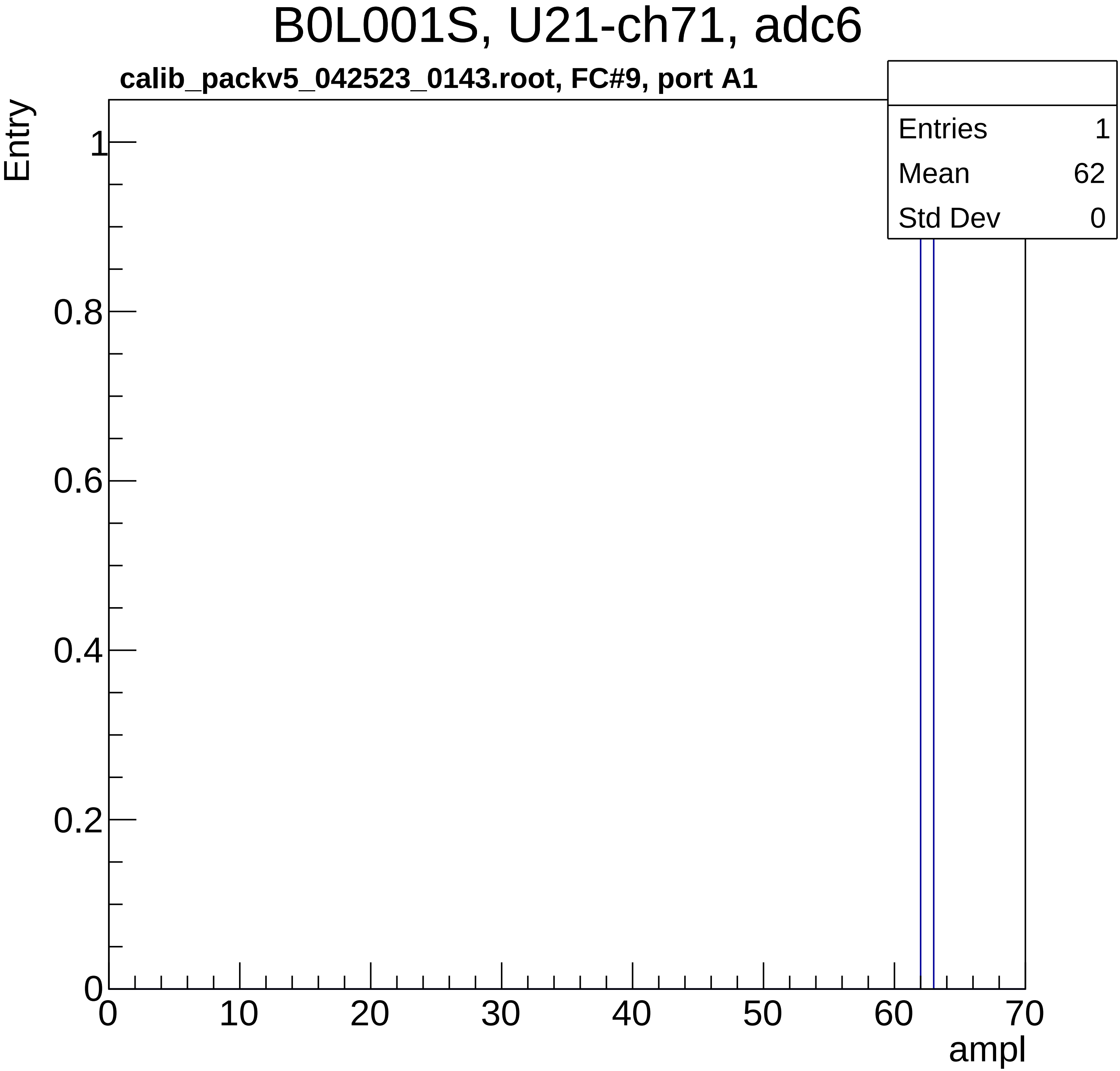
B0L001S, U21-ch71, adc3

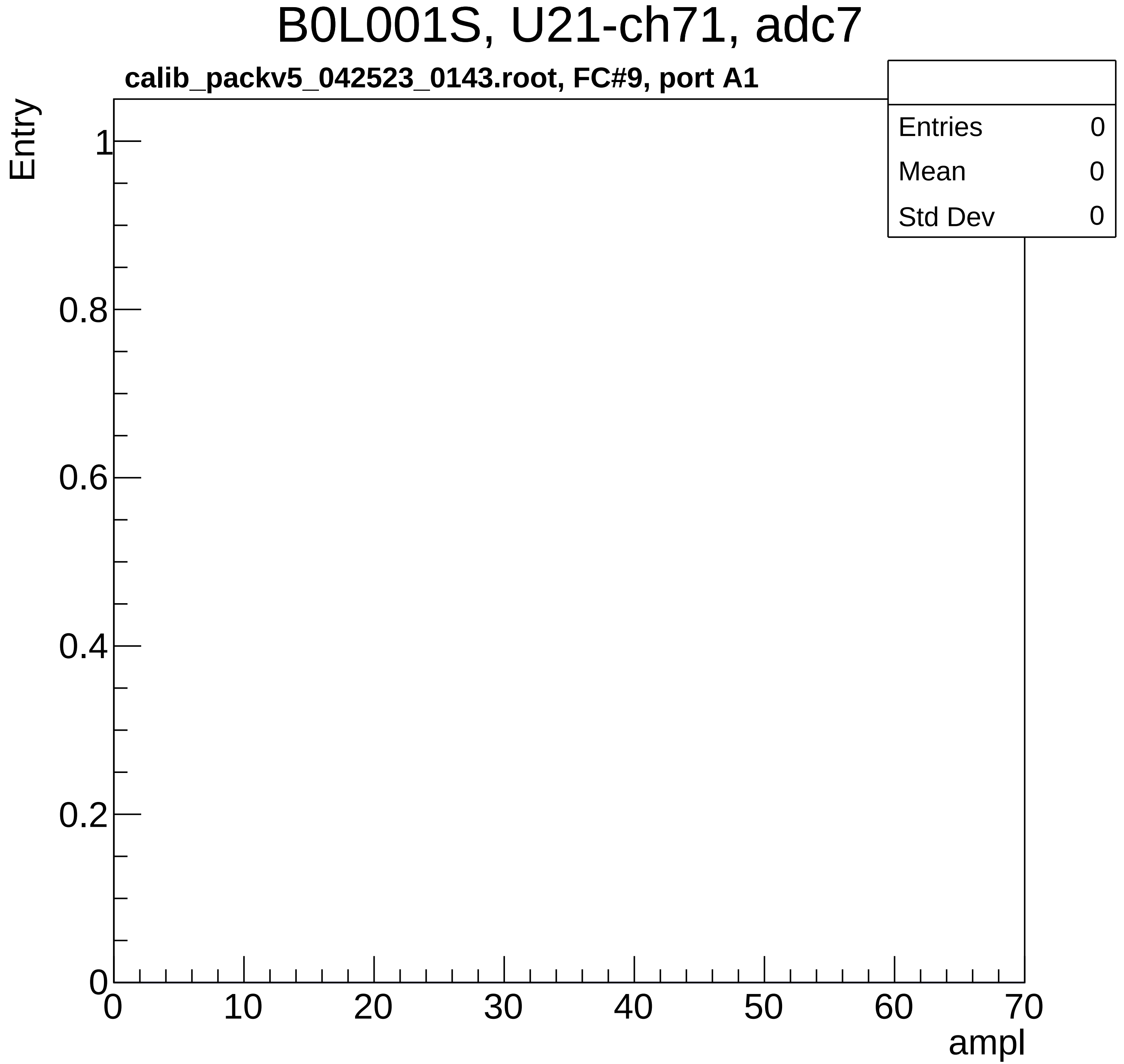
calib_packv5_042523_0143.root, FC#9, port A1

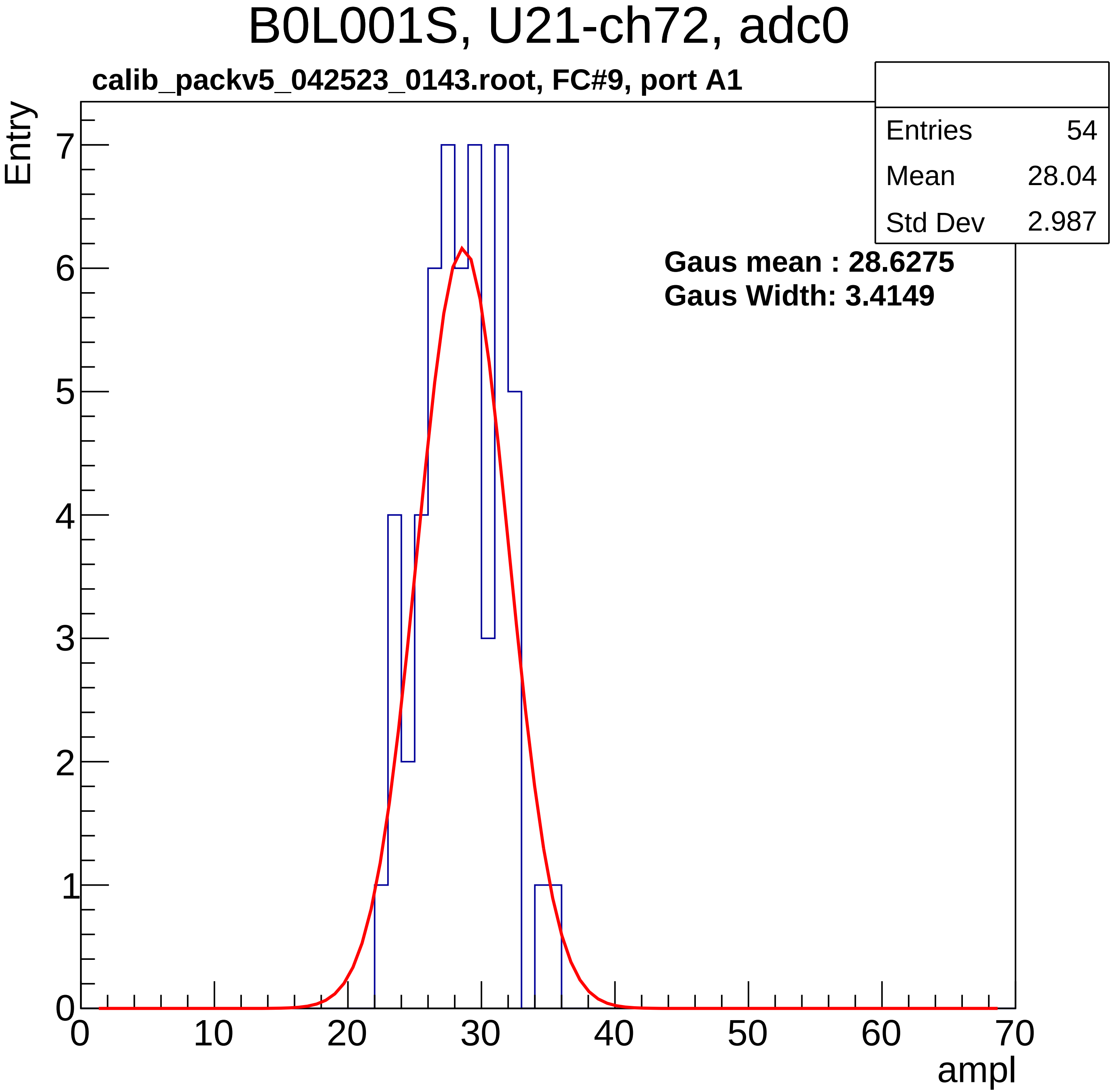


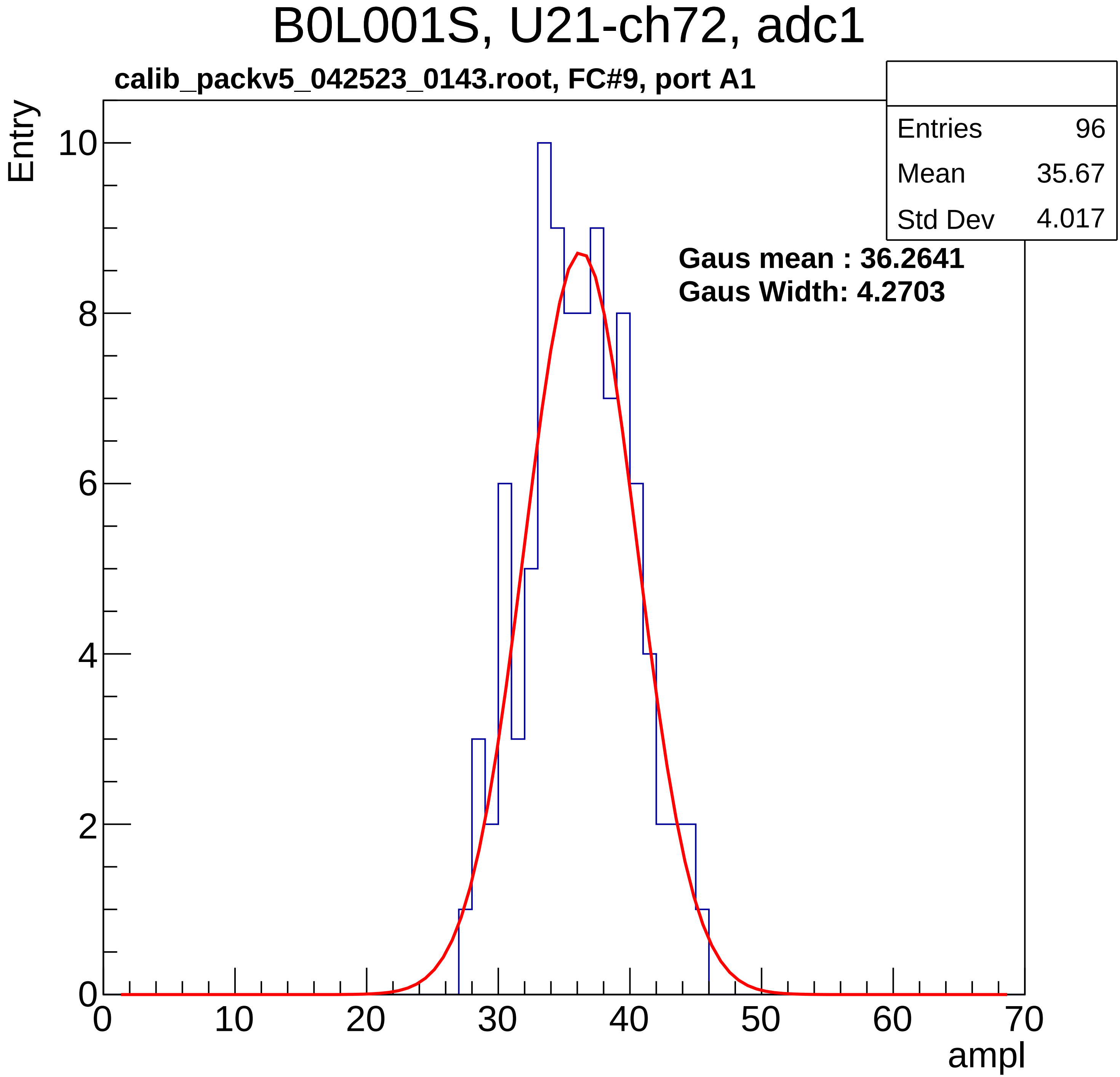

B0L001S, U21-ch71, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.15
Std Dev 3.1
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

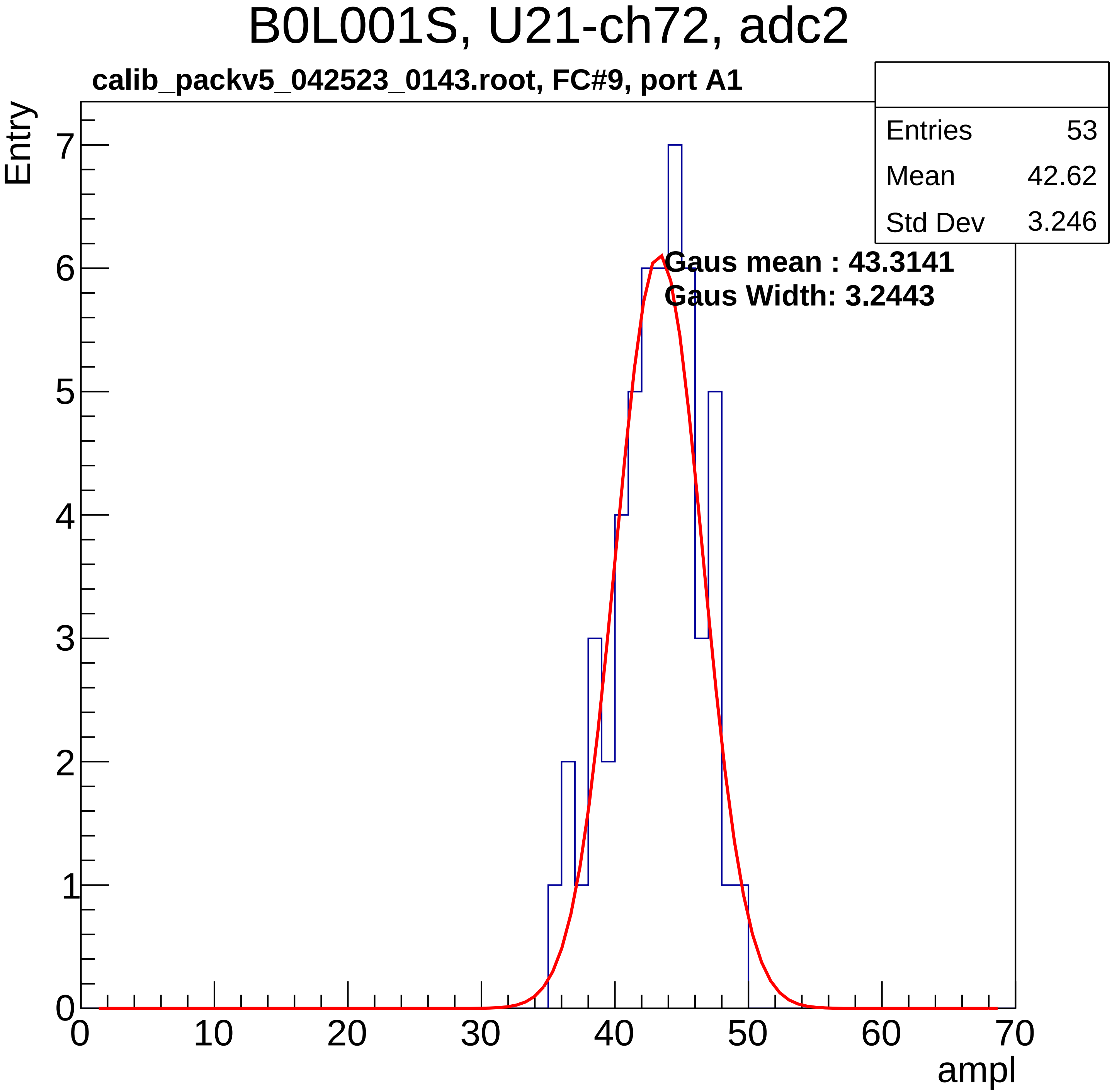

B0L001S, U21-ch71, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 46
Mean 58.96
Std Dev 9.017
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

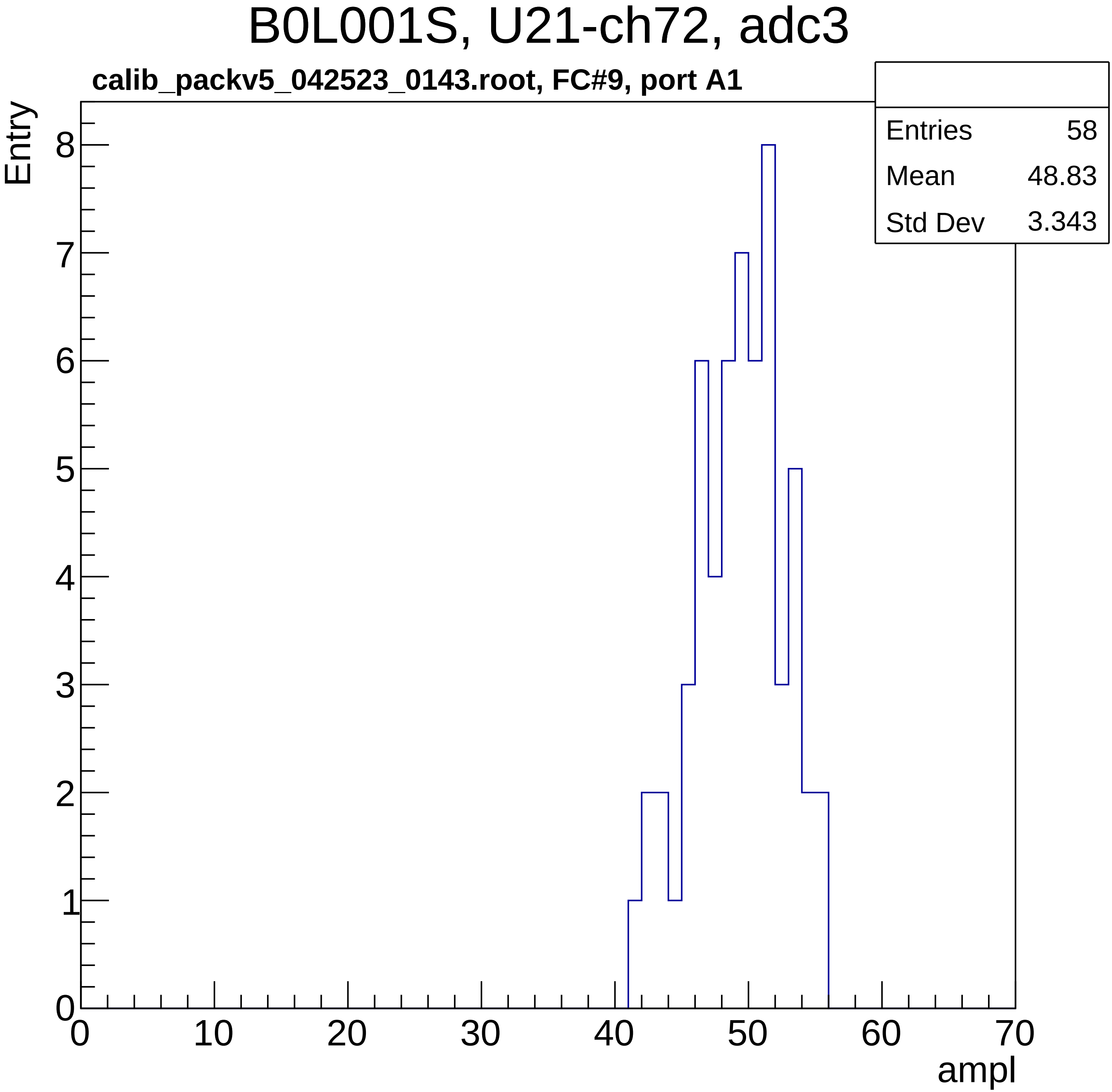

B0L001S, U21-ch71, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

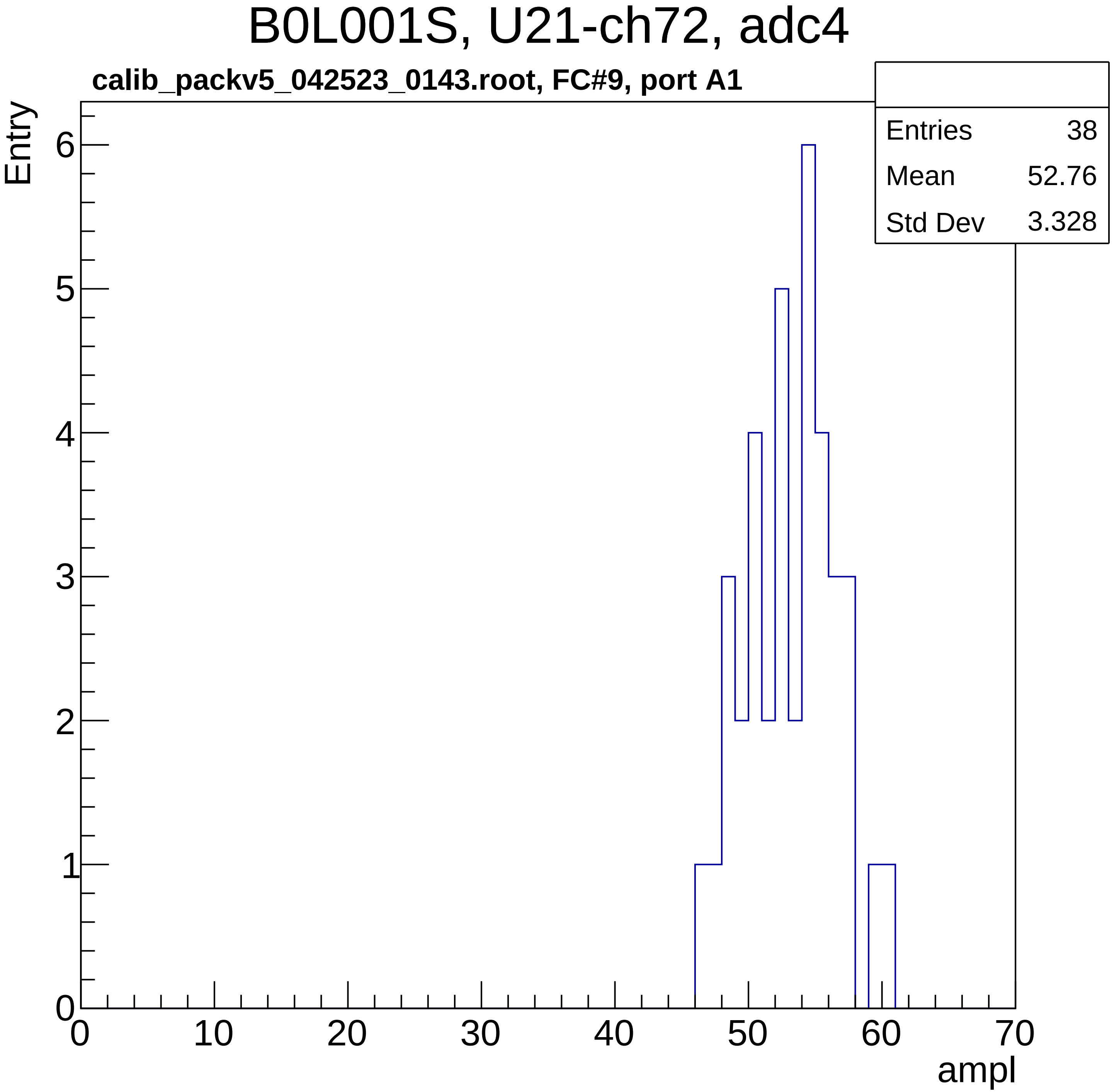

B0L001S, U21-ch71, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch72, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 28.04
Std Dev 2.987
Gaus mean : 28.6275
Gaus Width: 3.4149
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

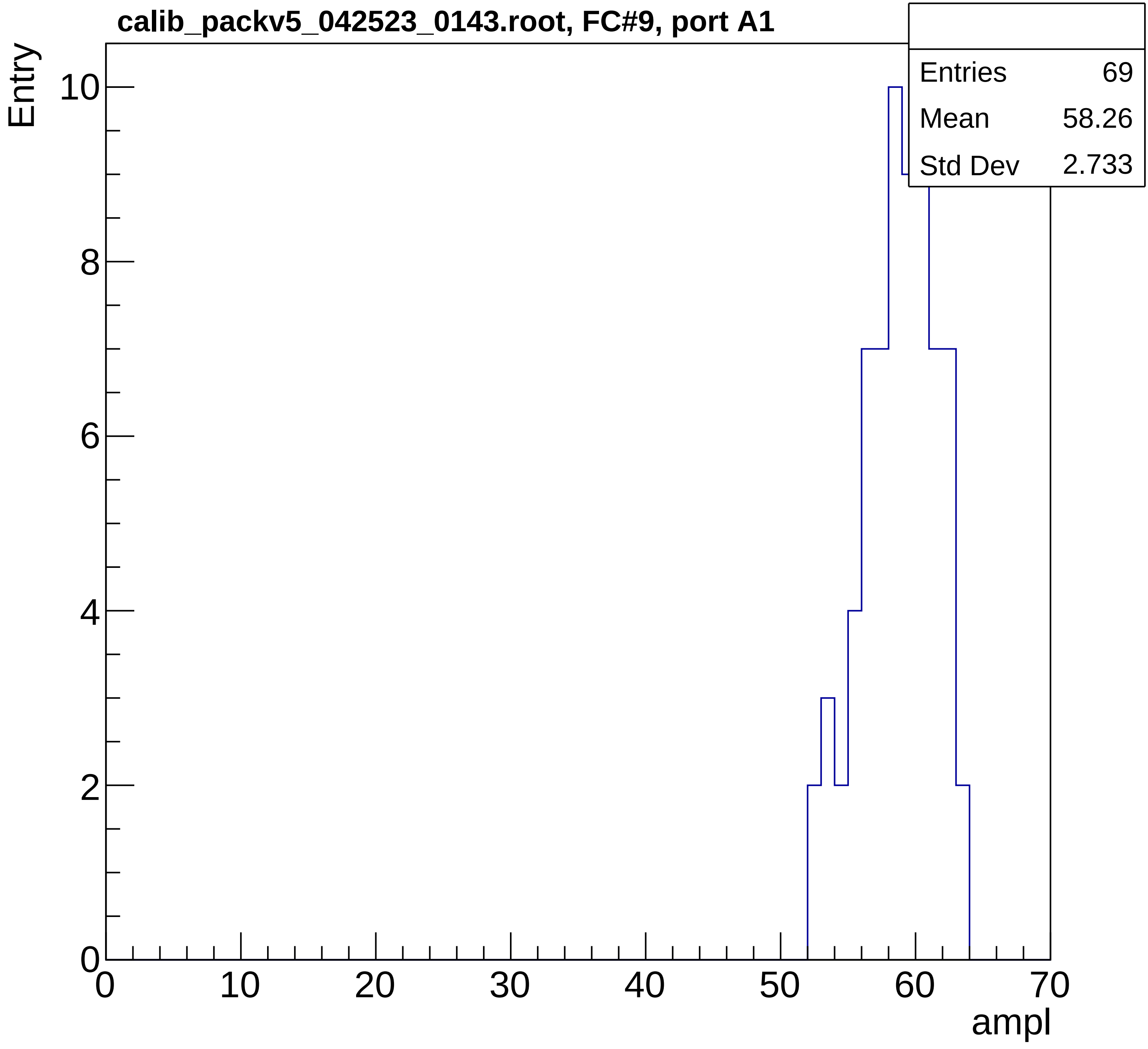

B0L001S, U21-ch72, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 96
Mean 35.67
Std Dev 4.017
Gaus mean : 36.2641
Gaus Width: 4.2703
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

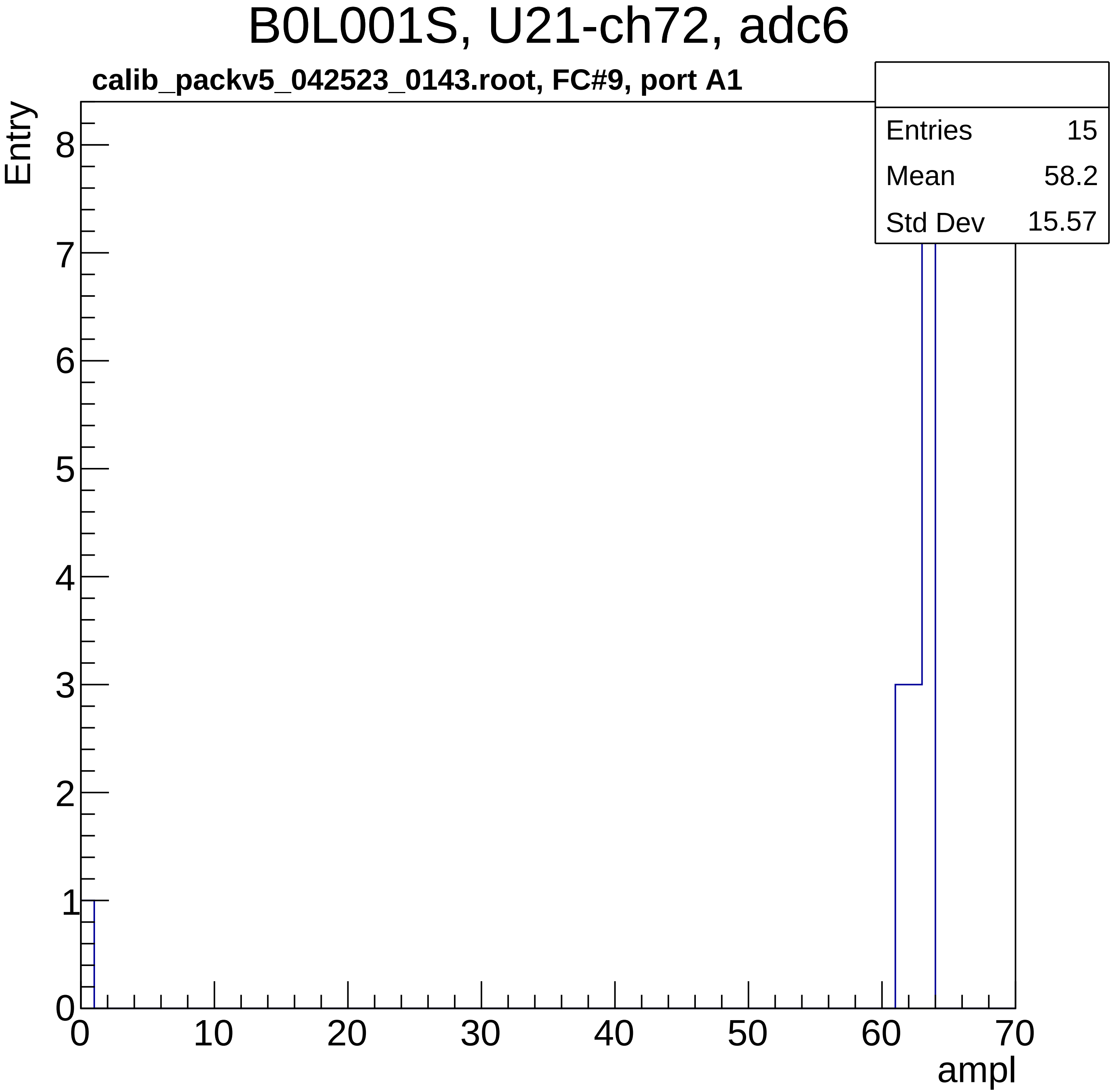

B0L001S, U21-ch72, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 42.62
Std Dev 3.246
Gaus mean : 43.3141
Gaus Width: 3.2443
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

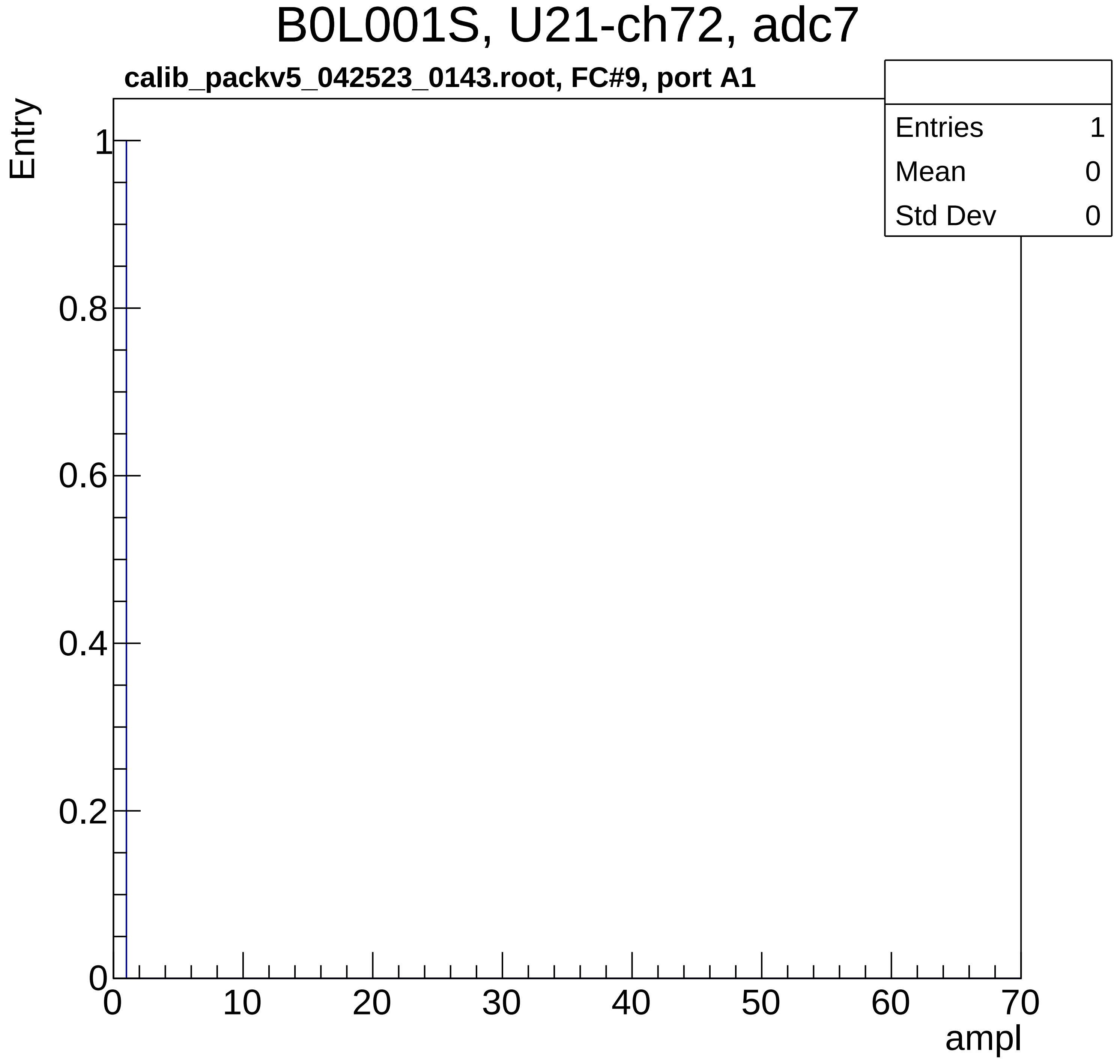

B0L001S, U21-ch72, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 48.83
Std Dev 3.343
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

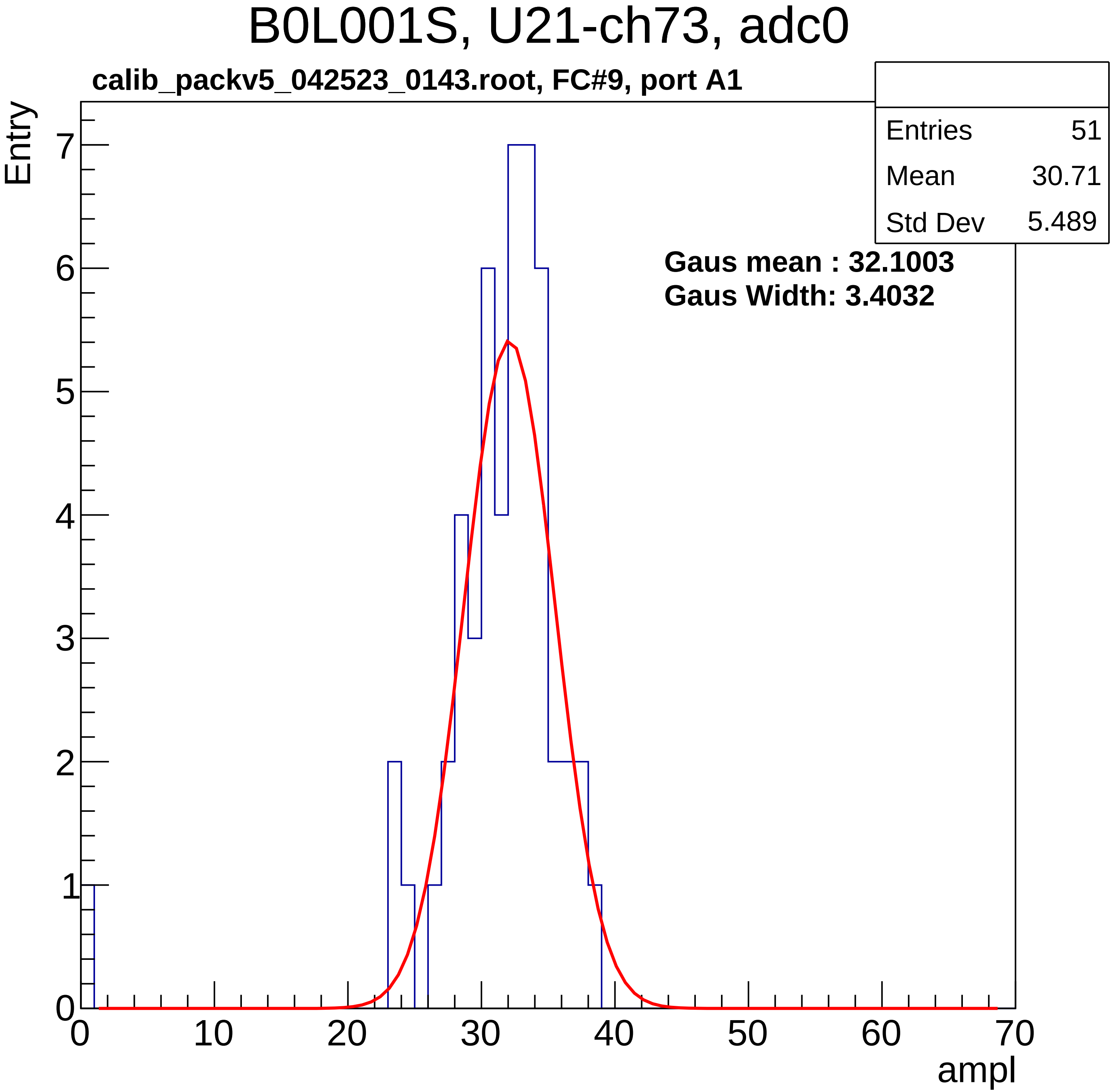

B0L001S, U21-ch72, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 52.76
Std Dev 3.328
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

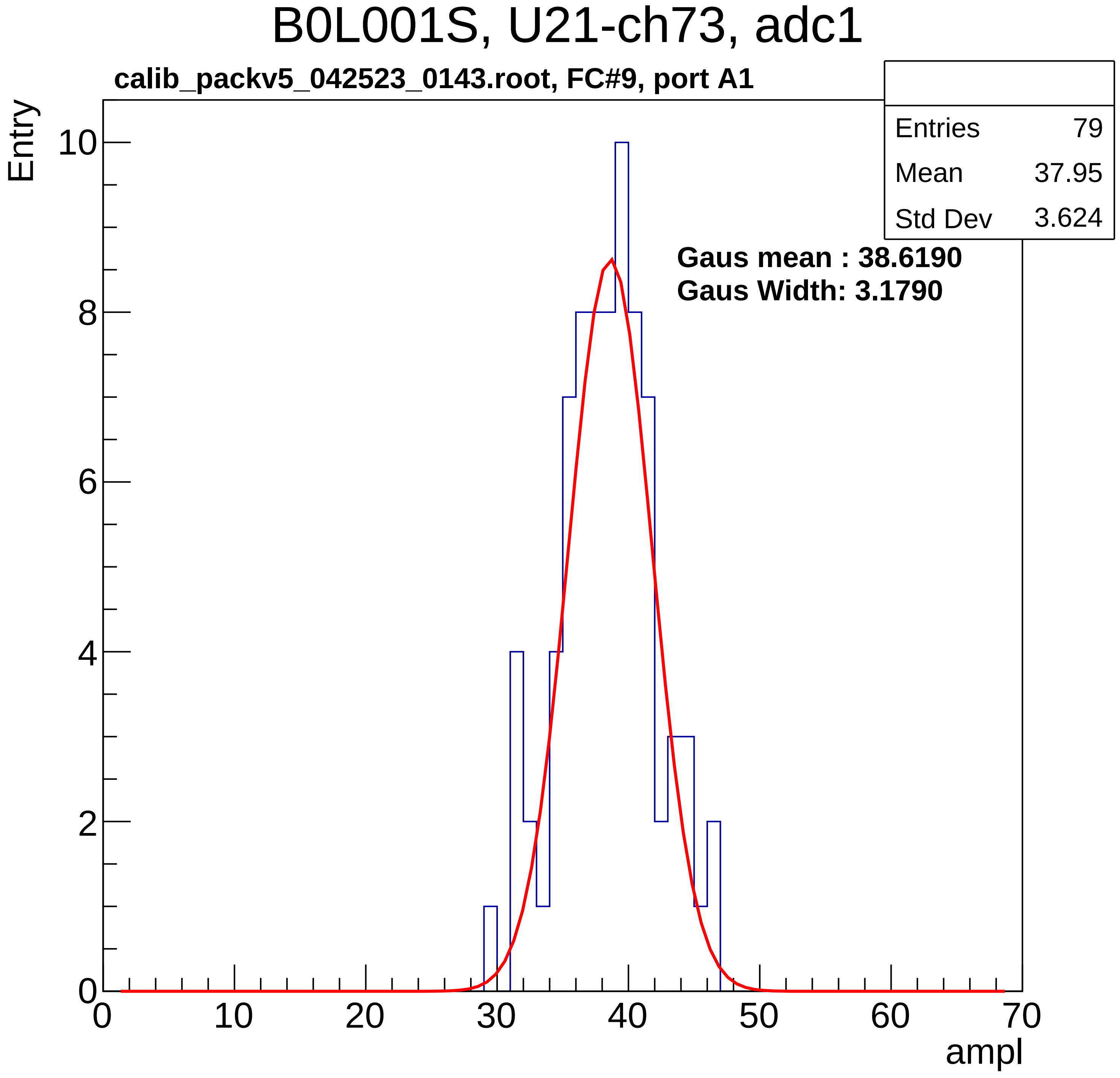
B0L001S, U21-ch72, adc5

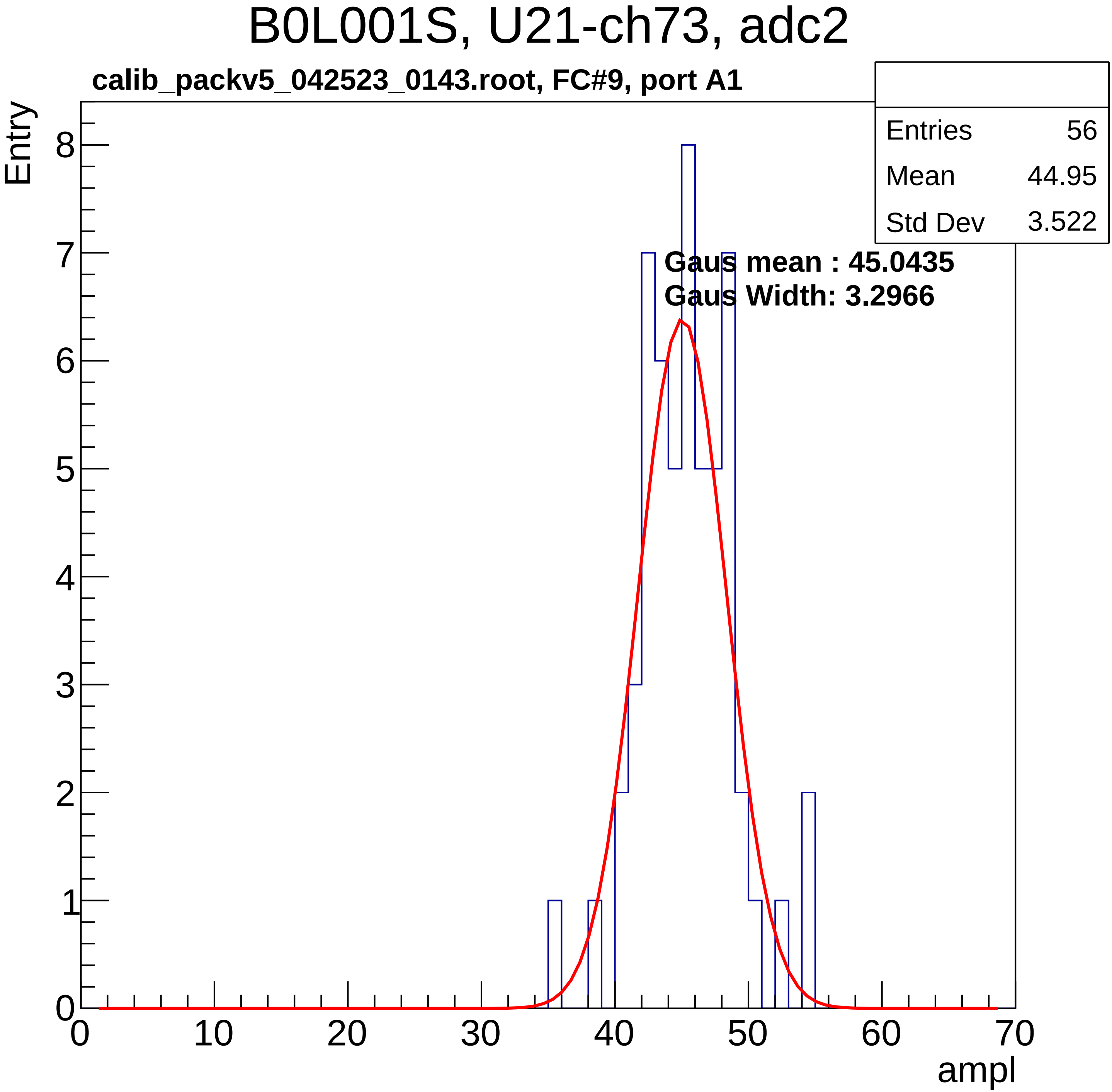


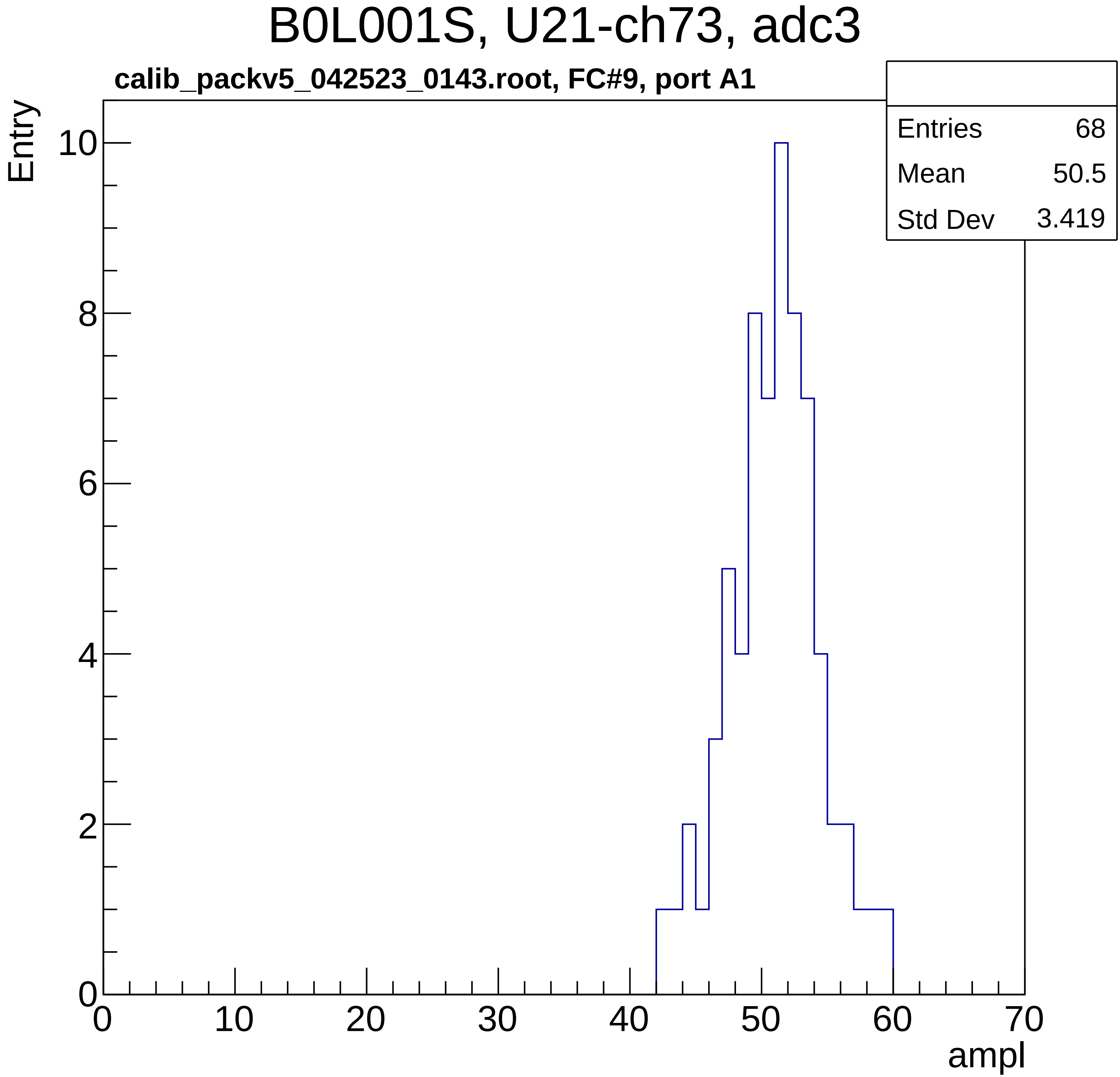

B0L001S, U21-ch72, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 15
Mean 58.2
Std Dev 15.57
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

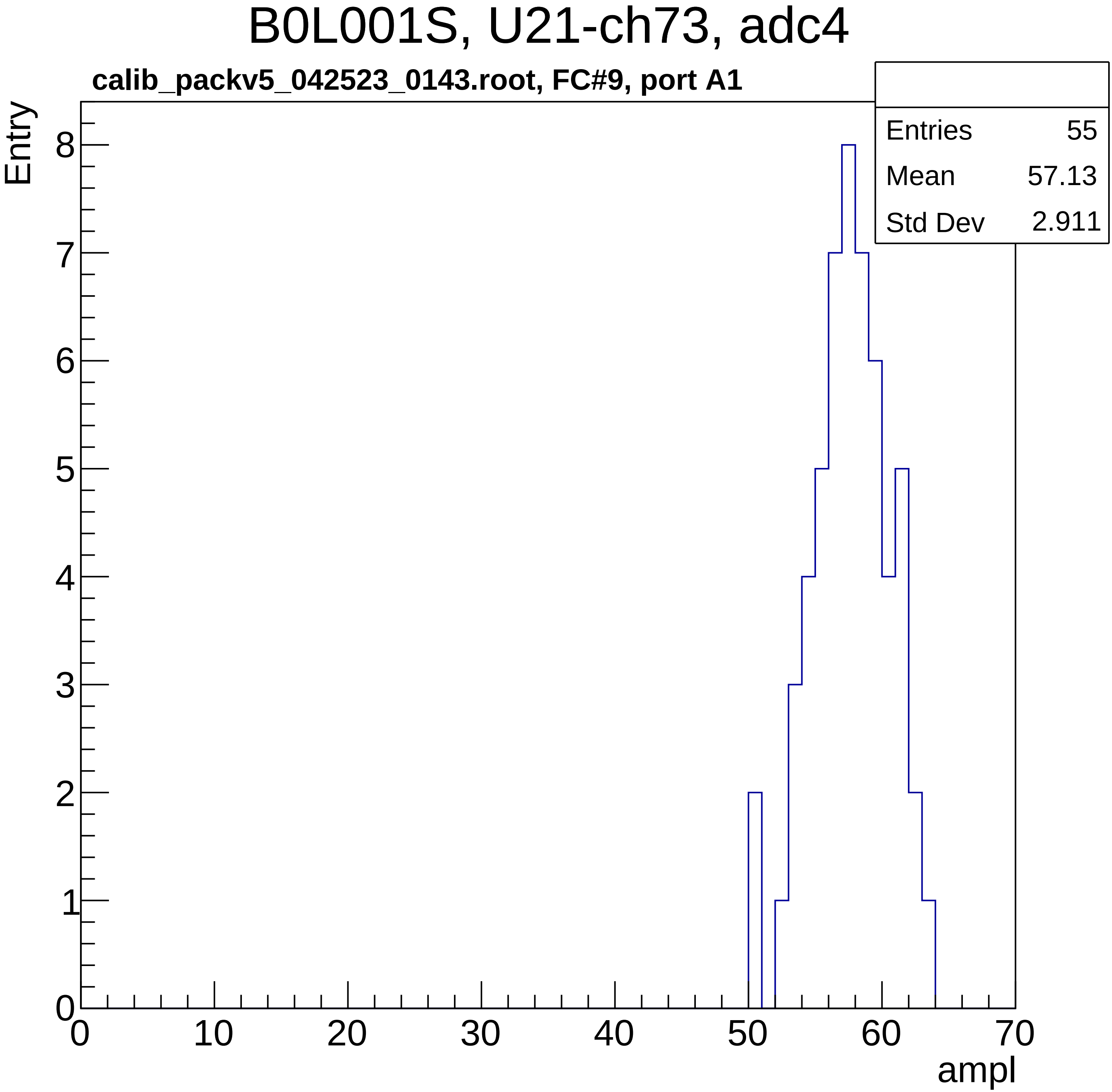

B0L001S, U21-ch72, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

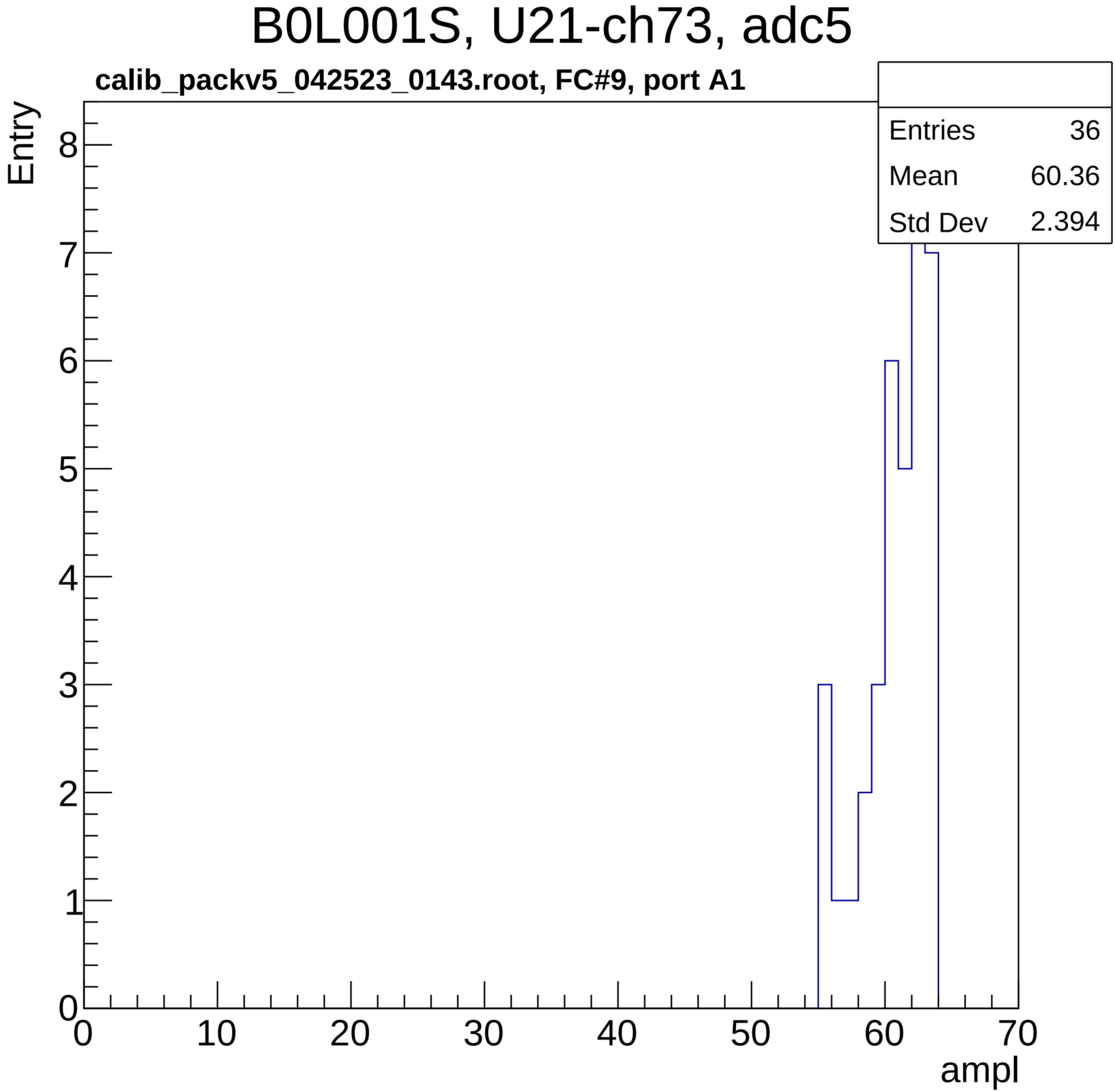

B0L001S, U21-ch73, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 30.71
Std Dev 5.489
Gaus mean : 32.1003
Gaus Width: 3.4032
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch73, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 79
Mean 37.95
Std Dev 3.624
Gaus mean : 38.6190
Gaus Width: 3.1790
0
2
4
6
8
10
0
10
20
30
40
50
60
70

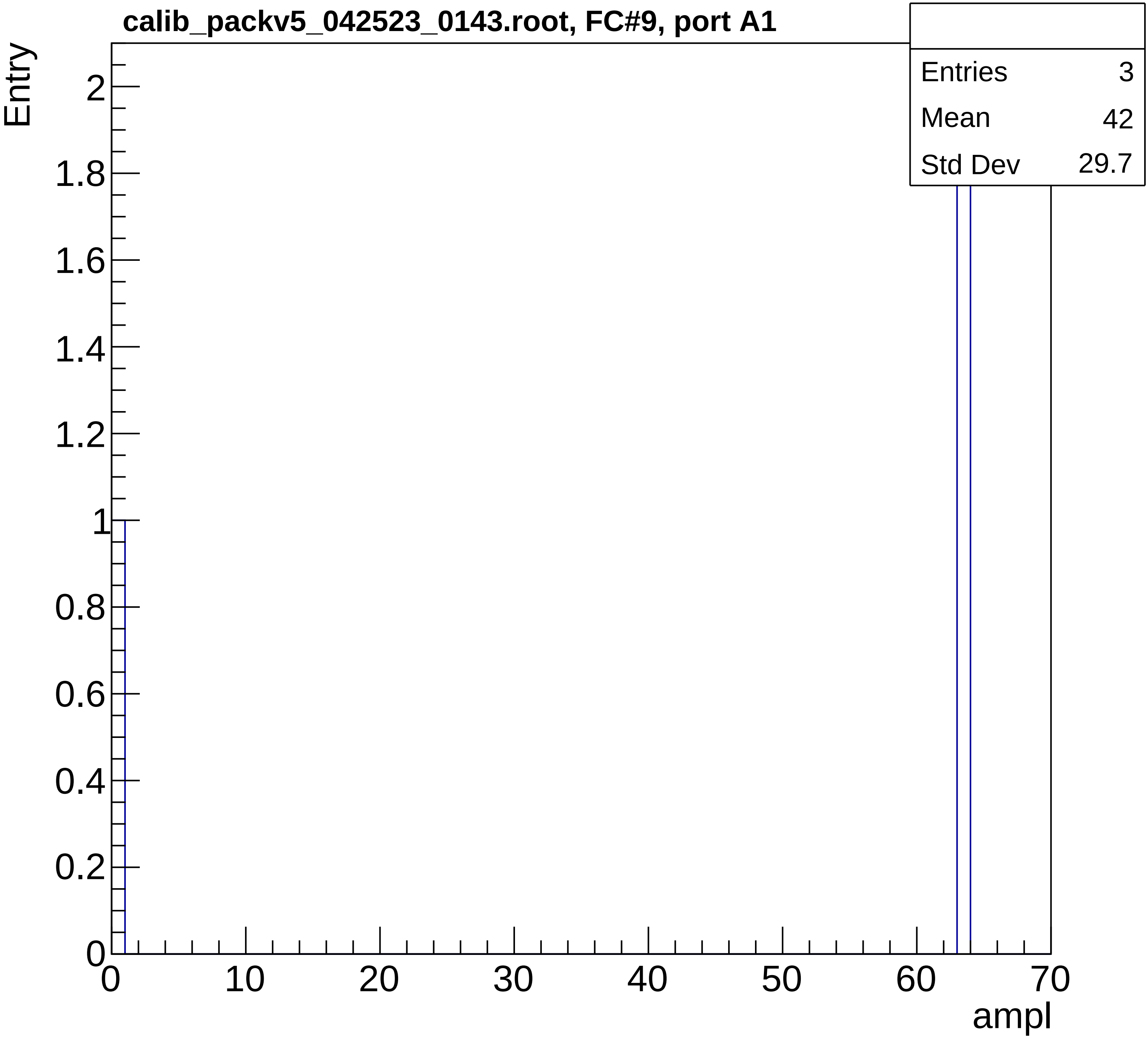

B0L001S, U21-ch73, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 44.95
Std Dev 3.522
Gaus mean : 45.0435
Gaus Width: 3.2966
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch73, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 50.5
Std Dev 3.419
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

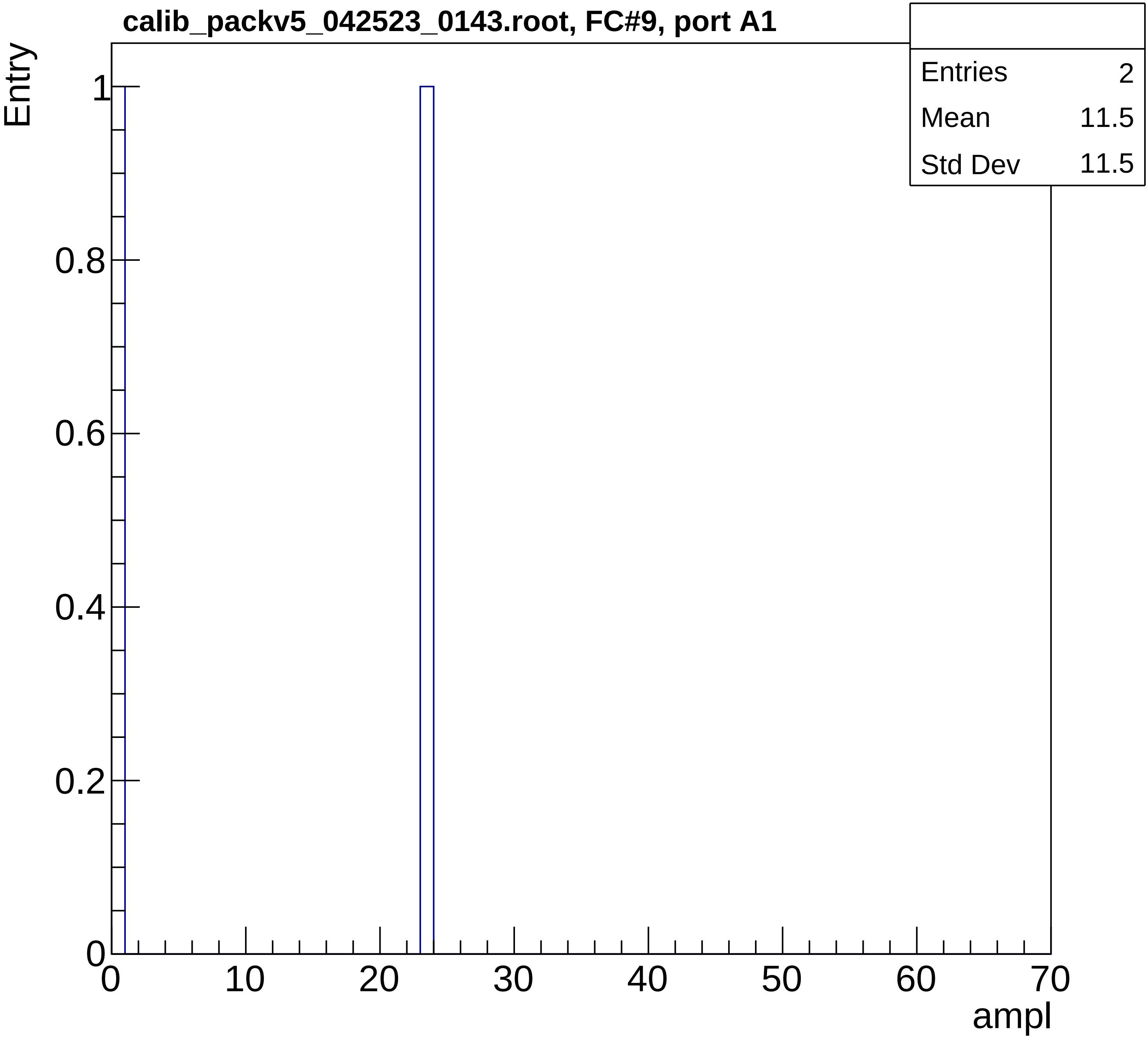

B0L001S, U21-ch73, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 57.13
Std Dev 2.911
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

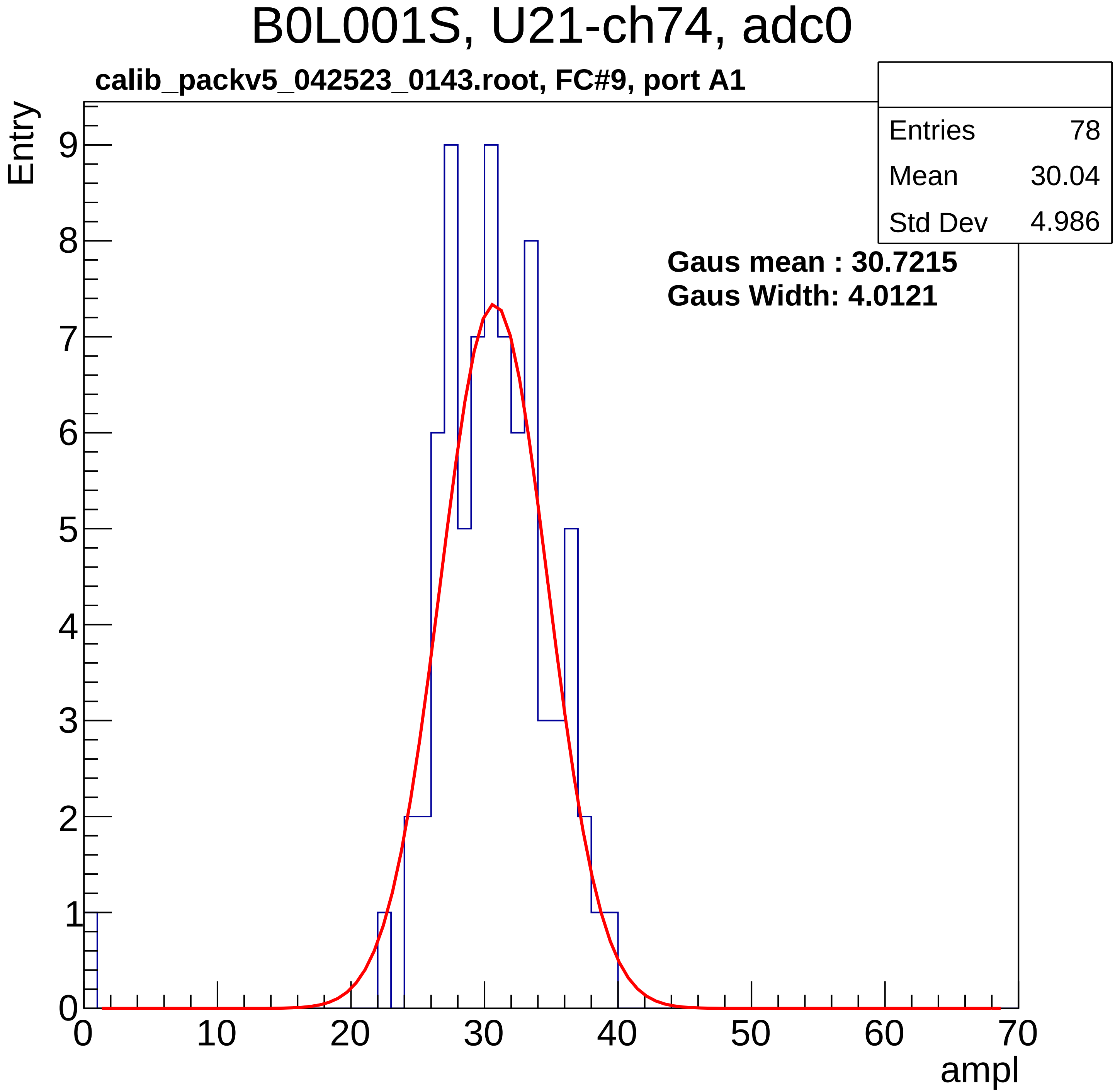

B0L001S, U21-ch73, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 60.36
Std Dev 2.394
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

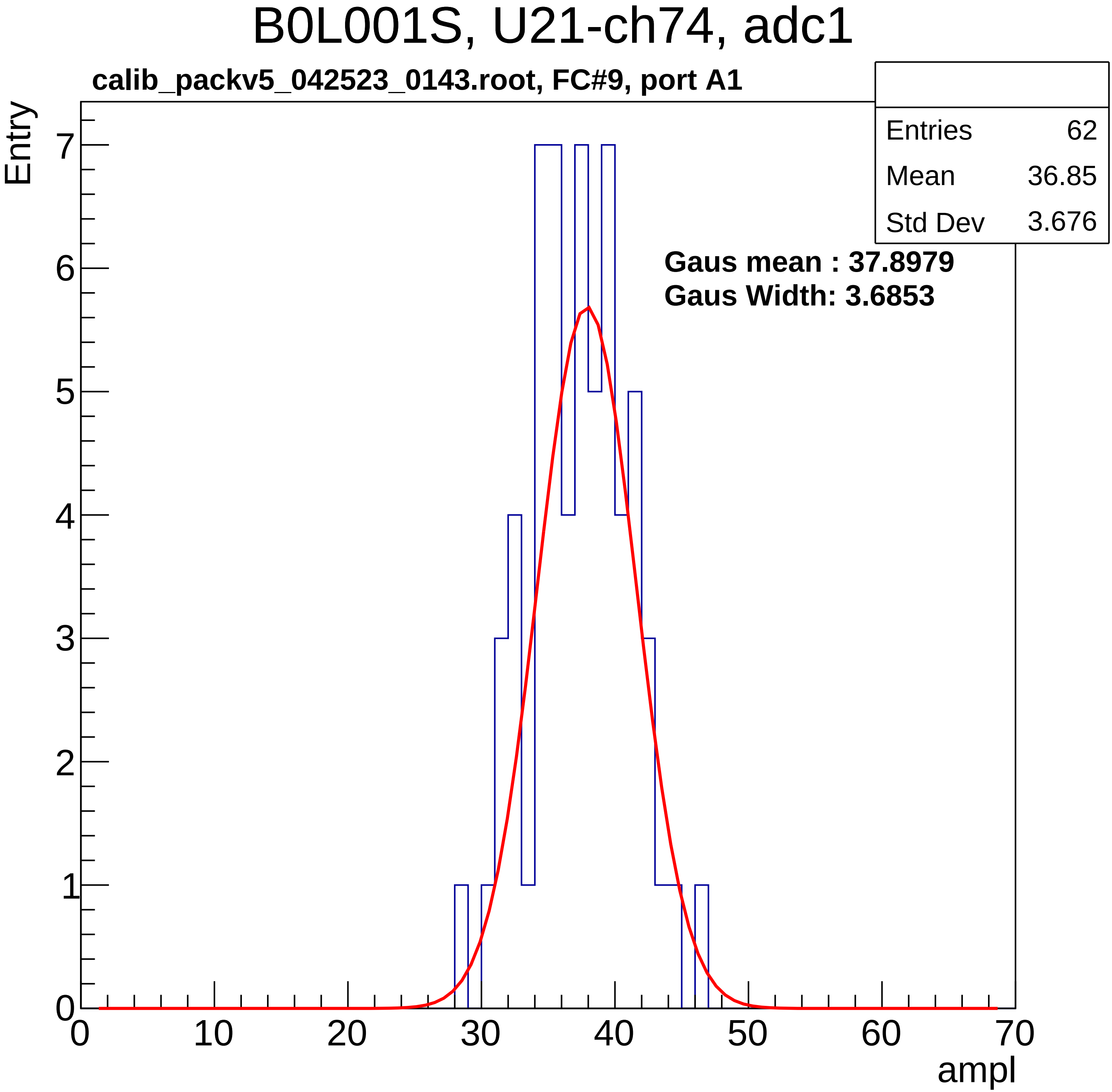
B0L001S, U21-ch73, adc6

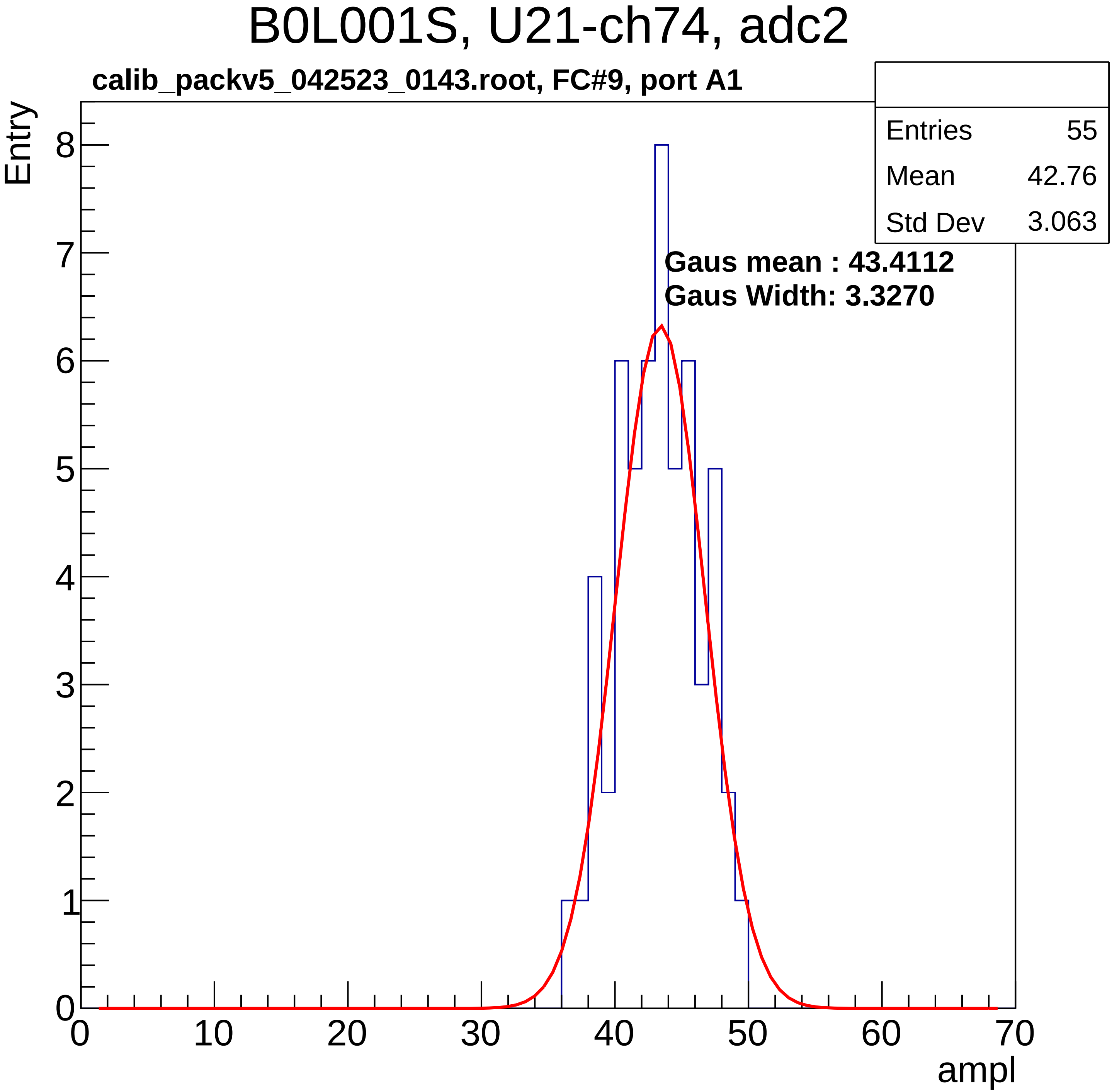


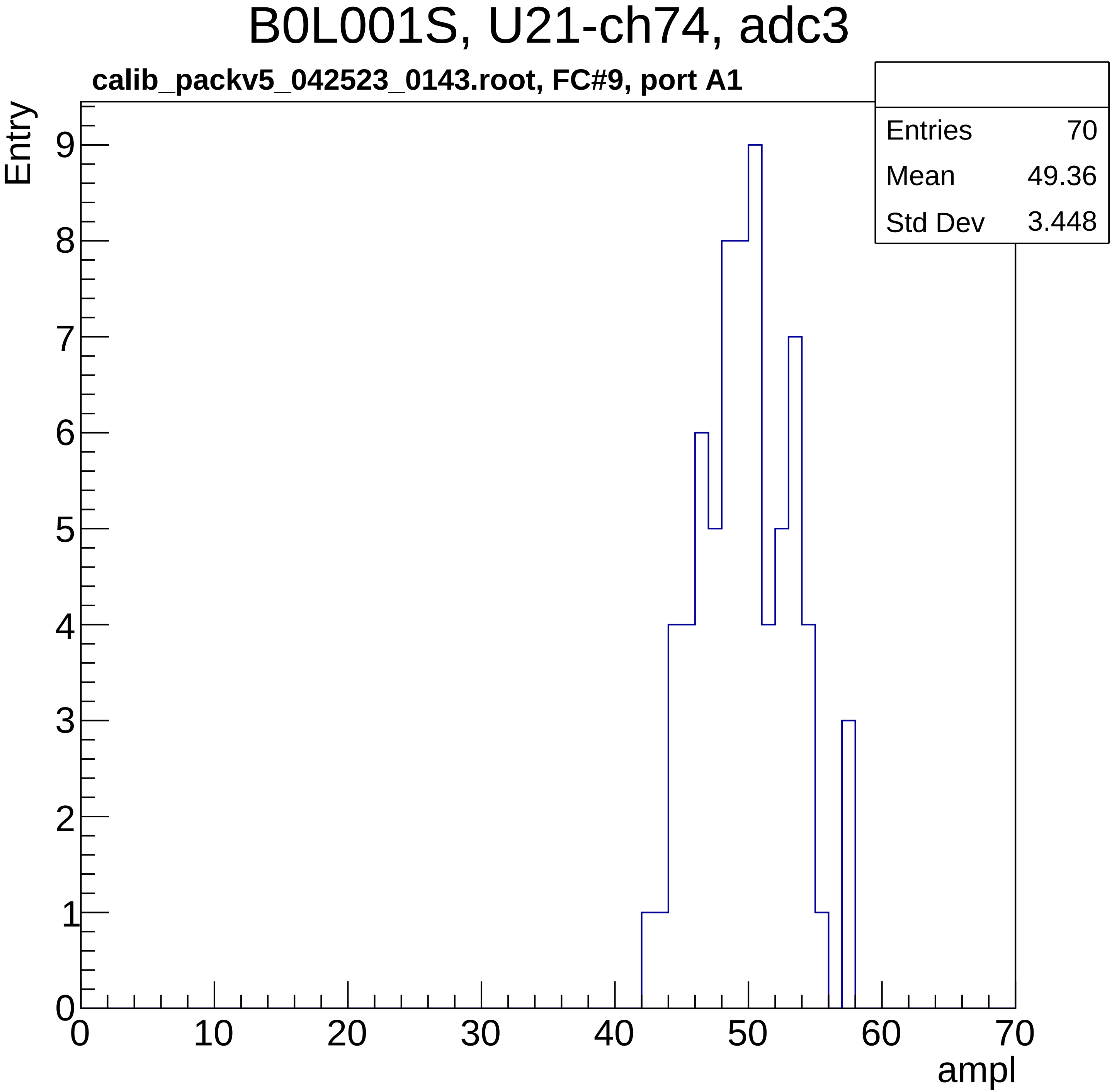
B0L001S, U21-ch73, adc7

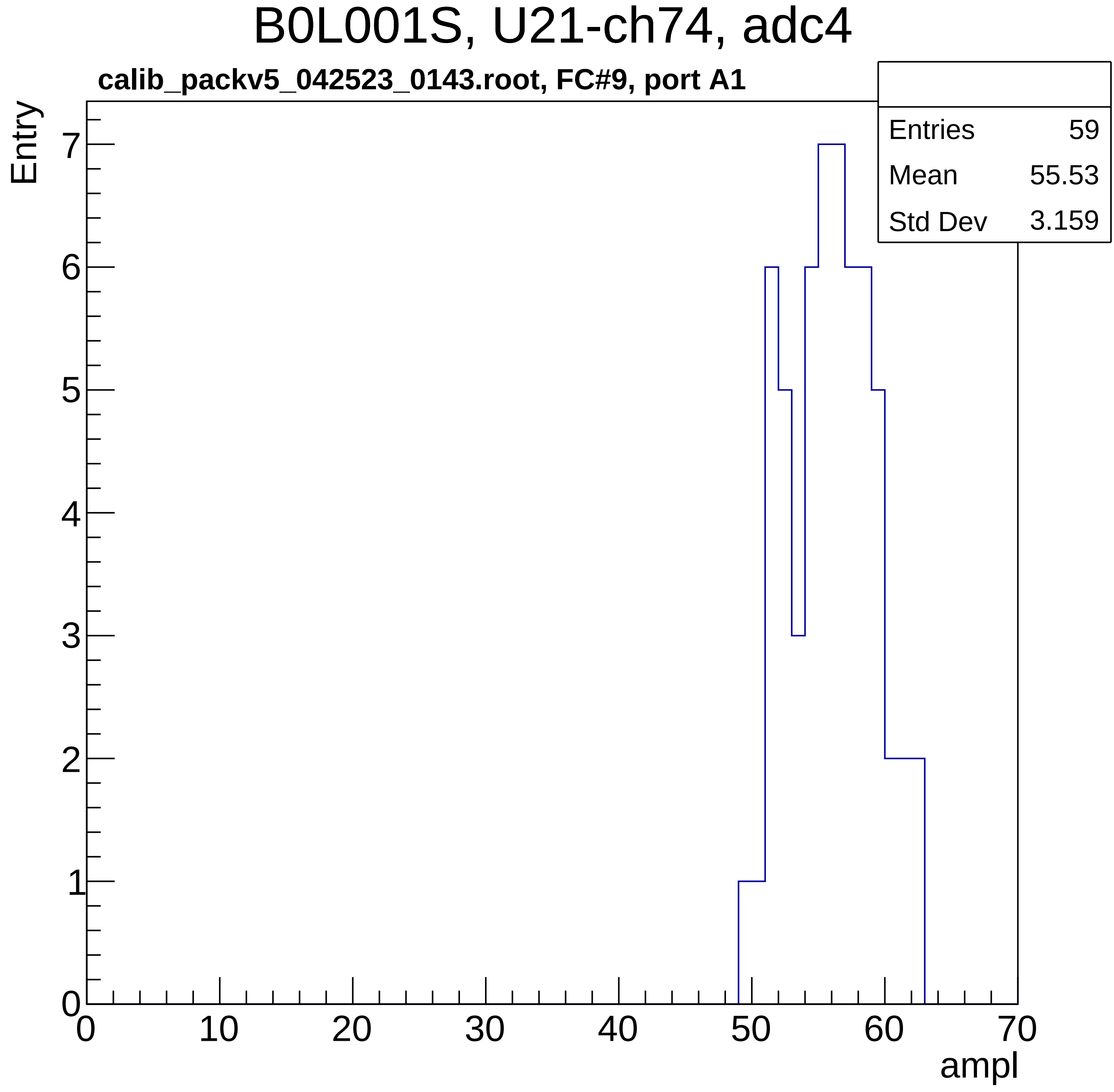


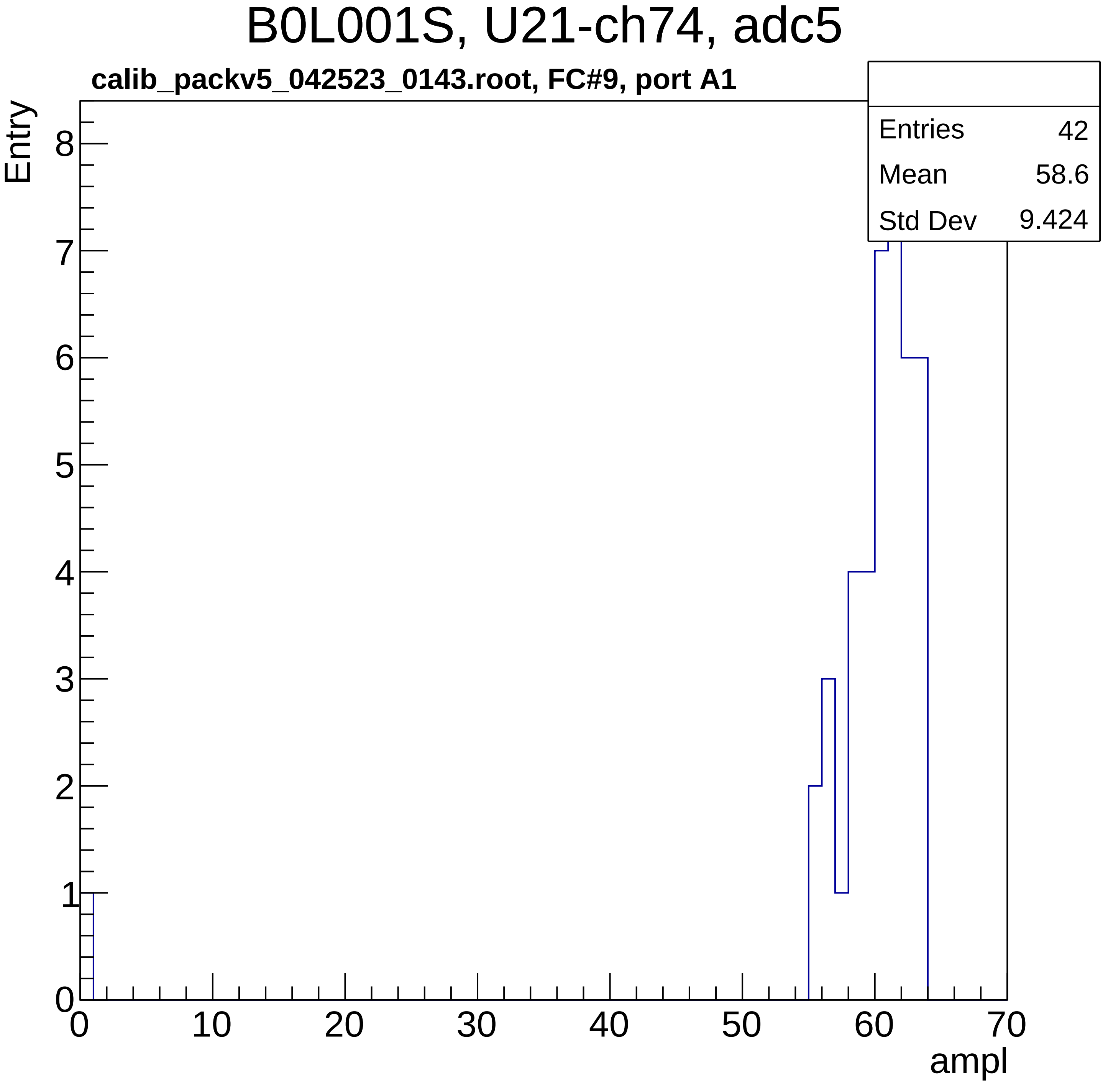

B0L001S, U21-ch74, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 30.04
Std Dev 4.986
Gaus mean : 30.7215
Gaus Width: 4.0121
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

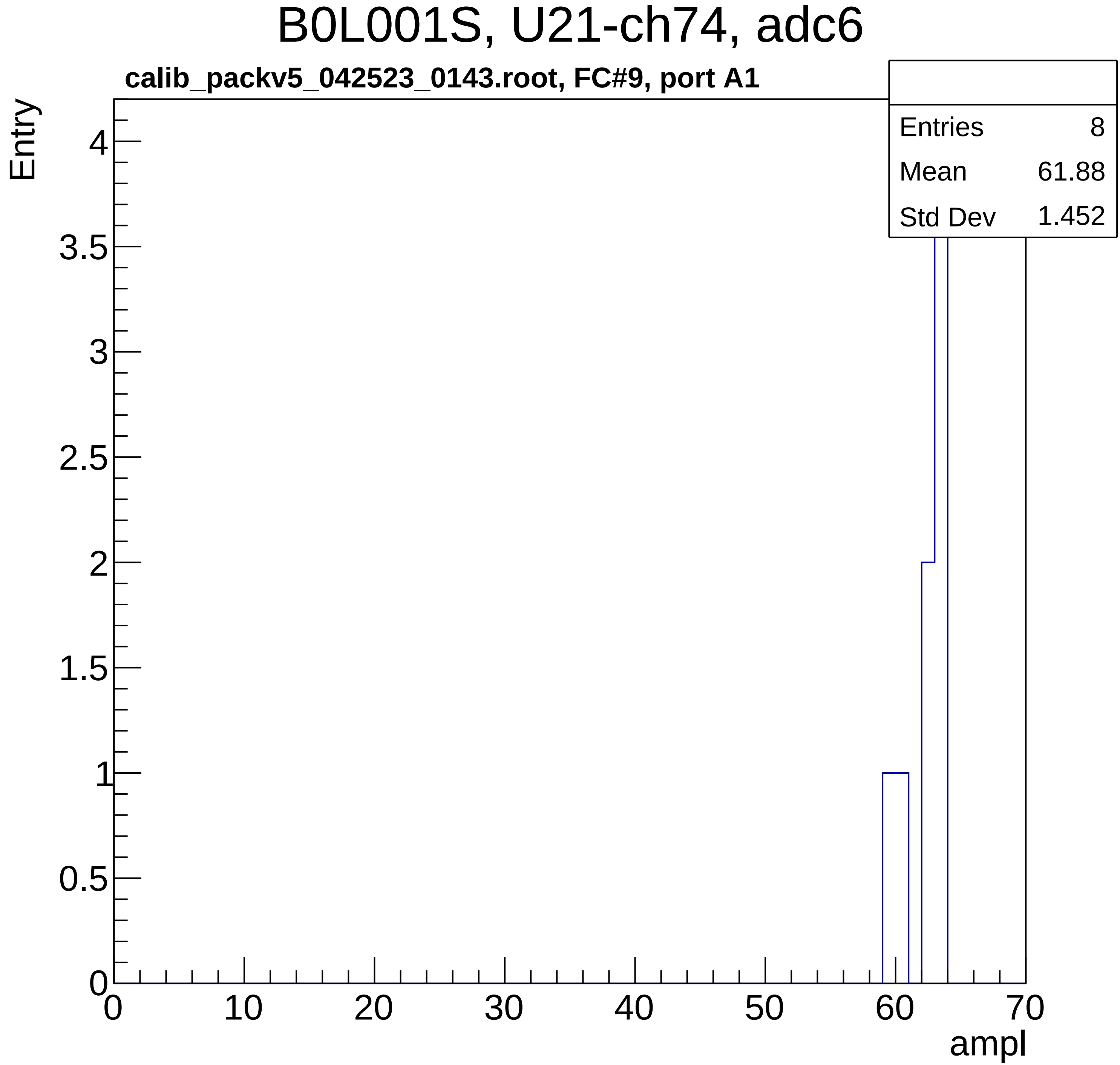

B0L001S, U21-ch74, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 36.85
Std Dev 3.676
Gaus mean : 37.8979
Gaus Width: 3.6853
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch74, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 42.76
Std Dev 3.063
Gaus mean : 43.4112
Gaus Width: 3.3270
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

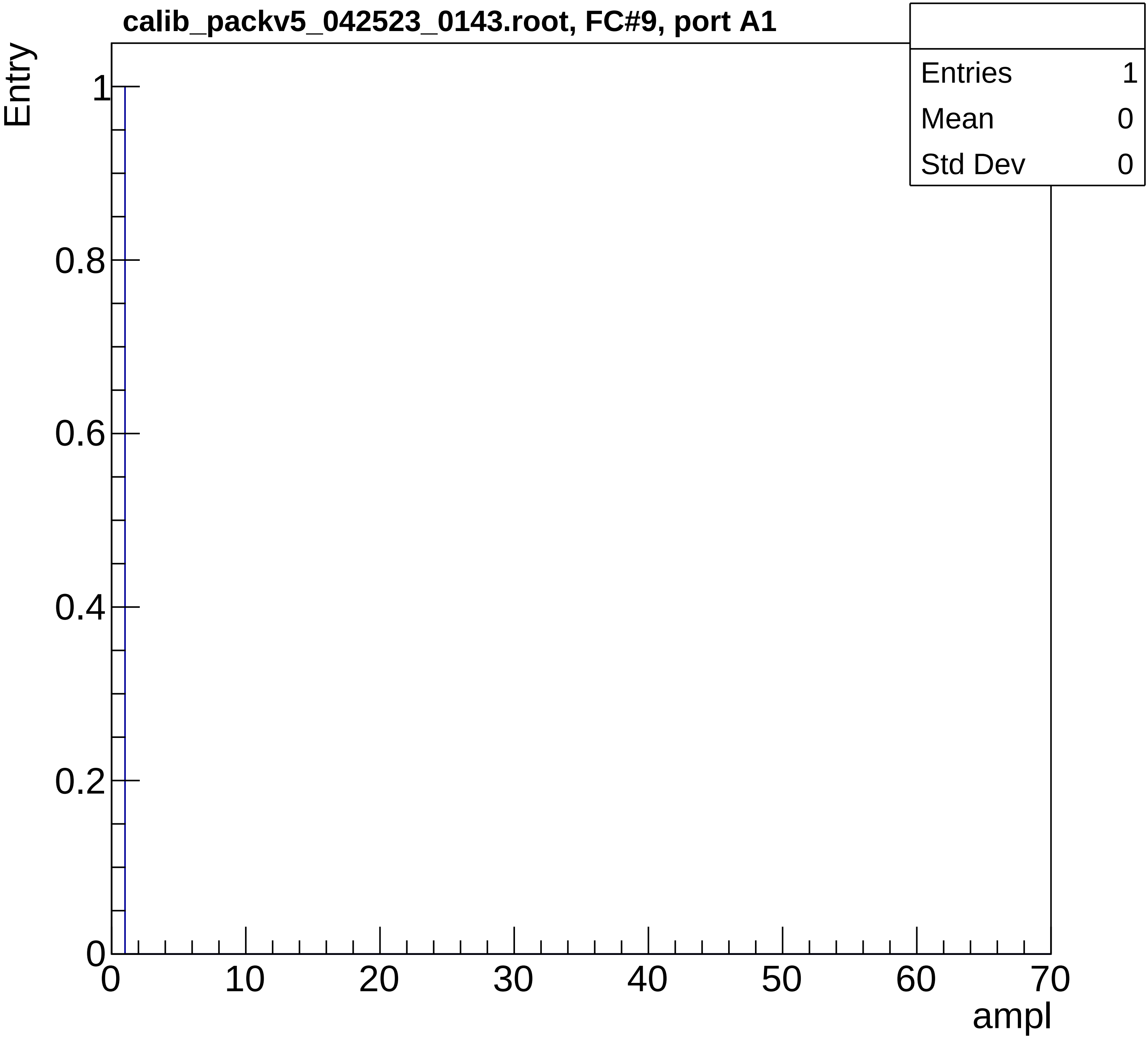

B0L001S, U21-ch74, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 49.36
Std Dev 3.448
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch74, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 55.53
Std Dev 3.159
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch74, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.6
Std Dev 9.424
Entry
8
7
6
5
4
3
2
1
0
0
10
20
30
40
50
60
70
ampl

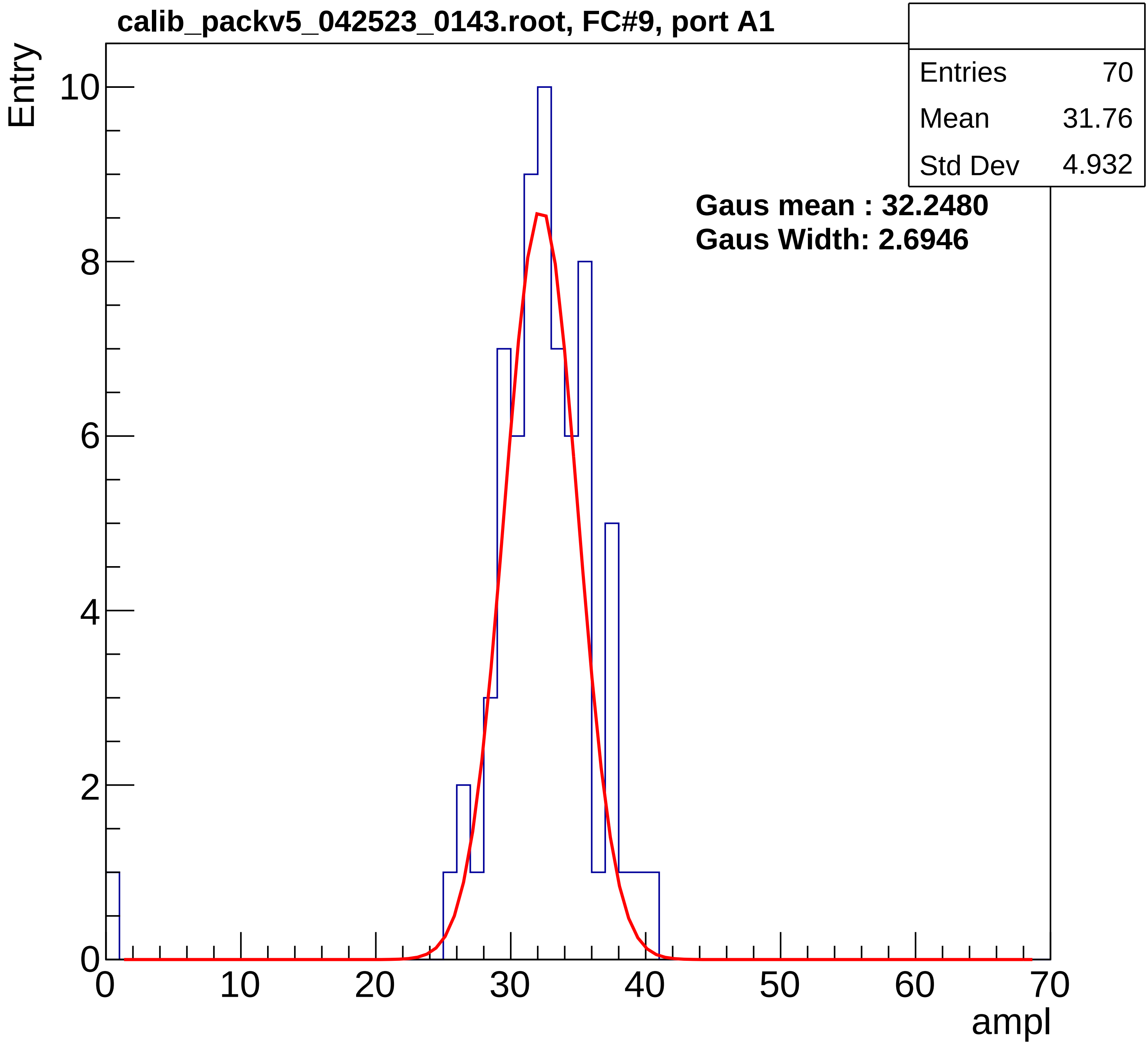

B0L001S, U21-ch74, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 61.88
Std Dev 1.452
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl

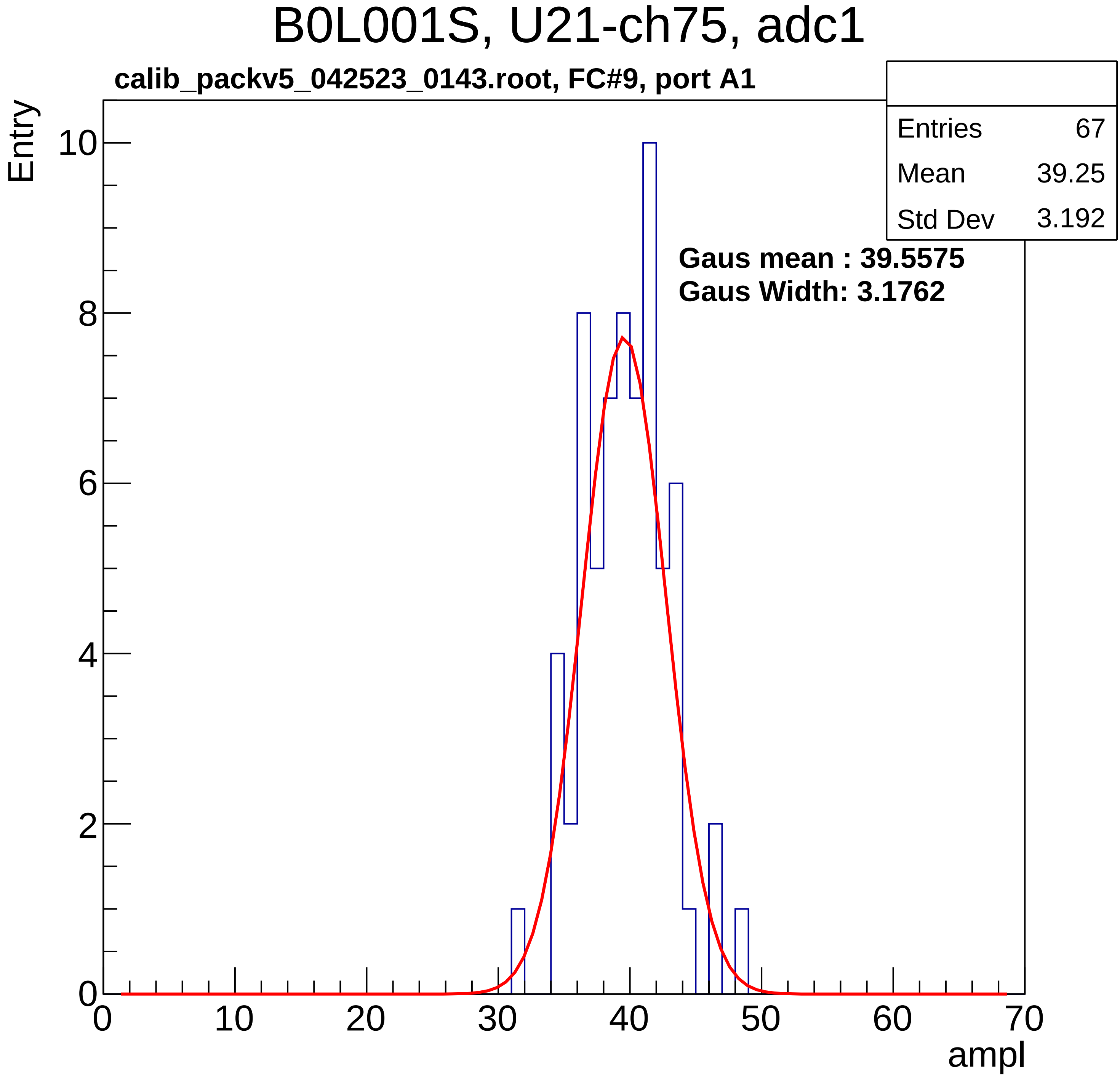
B0L001S, U21-ch74, adc7

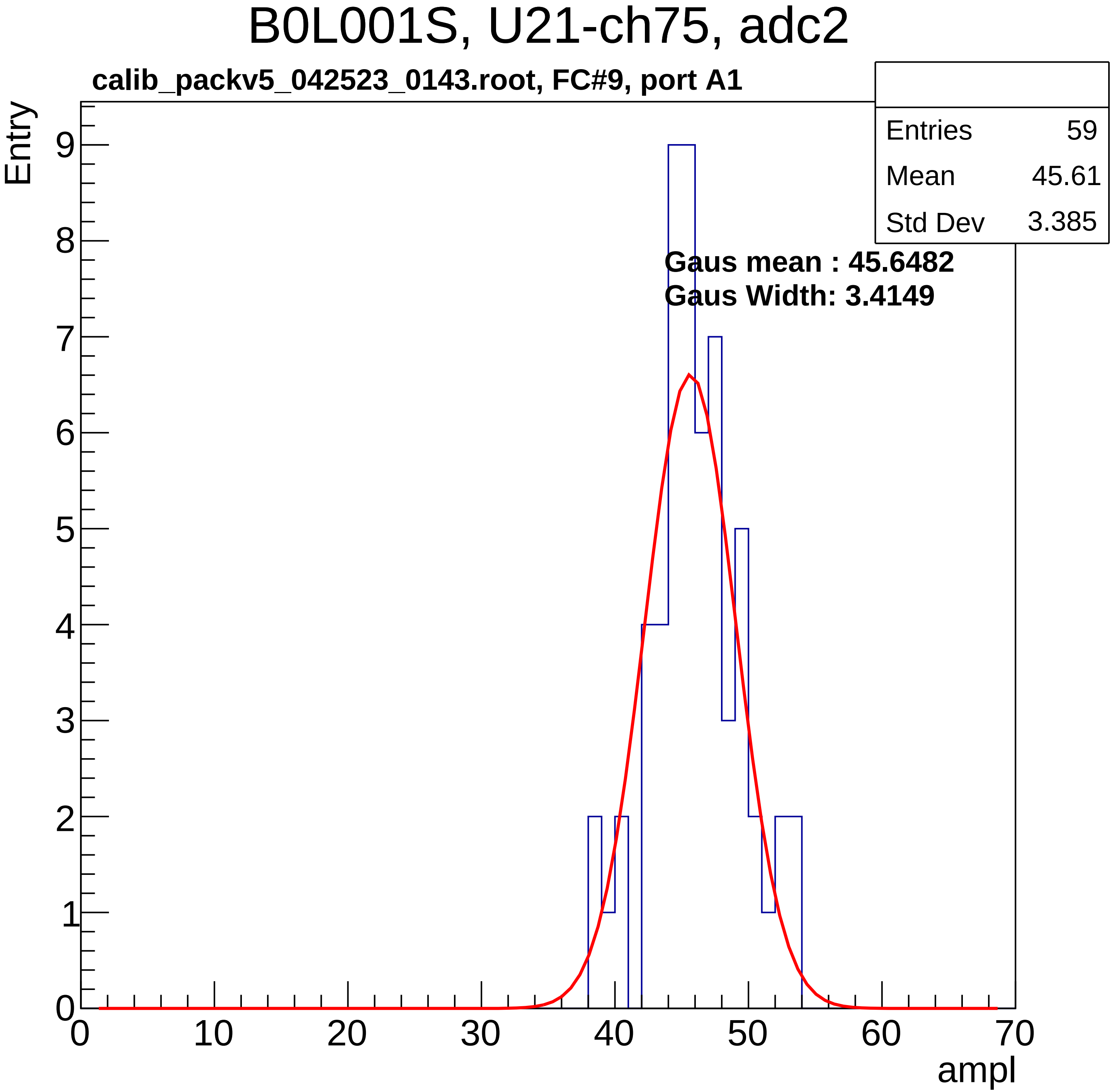


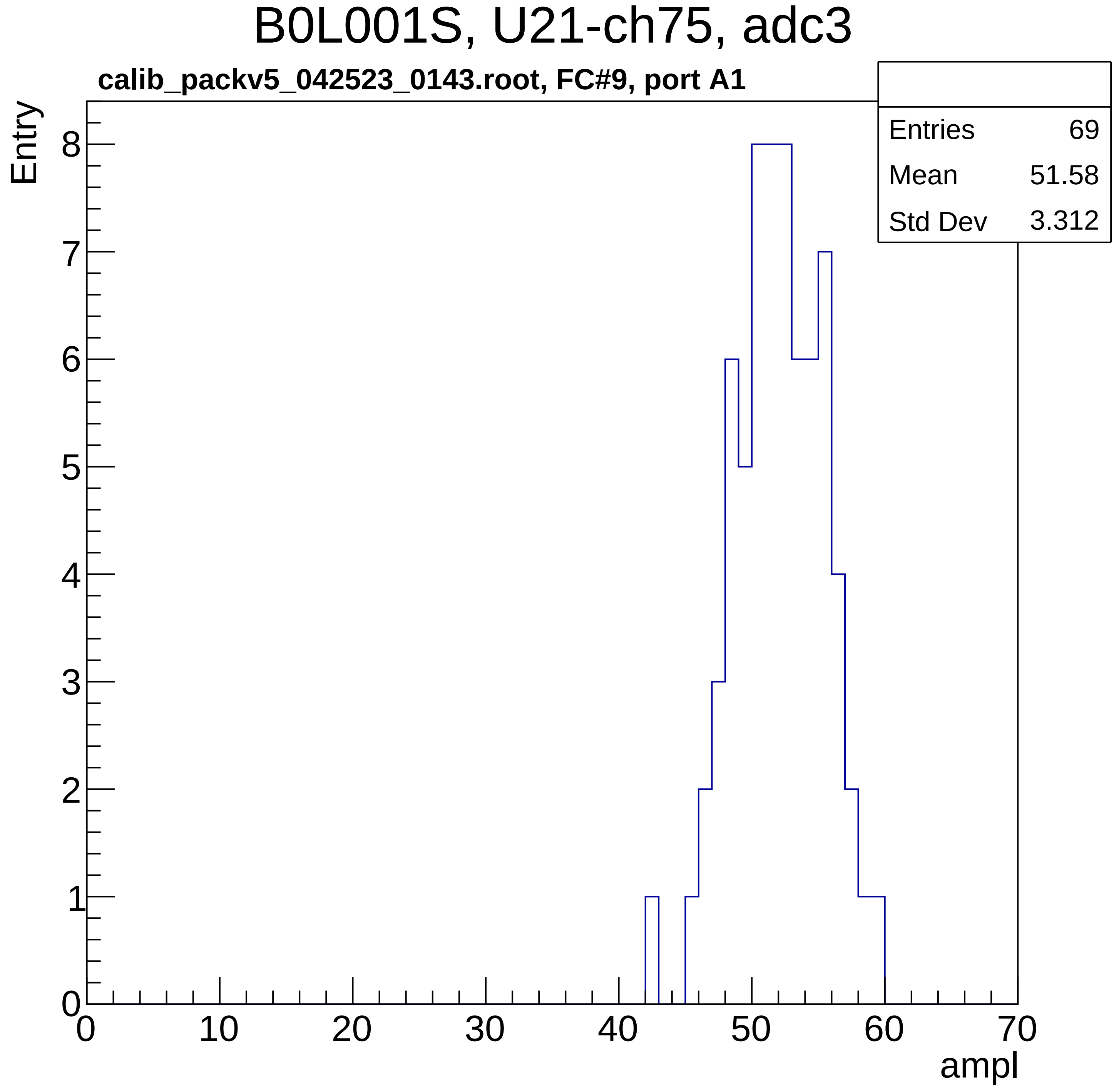
B0L001S, U21-ch75, adc0

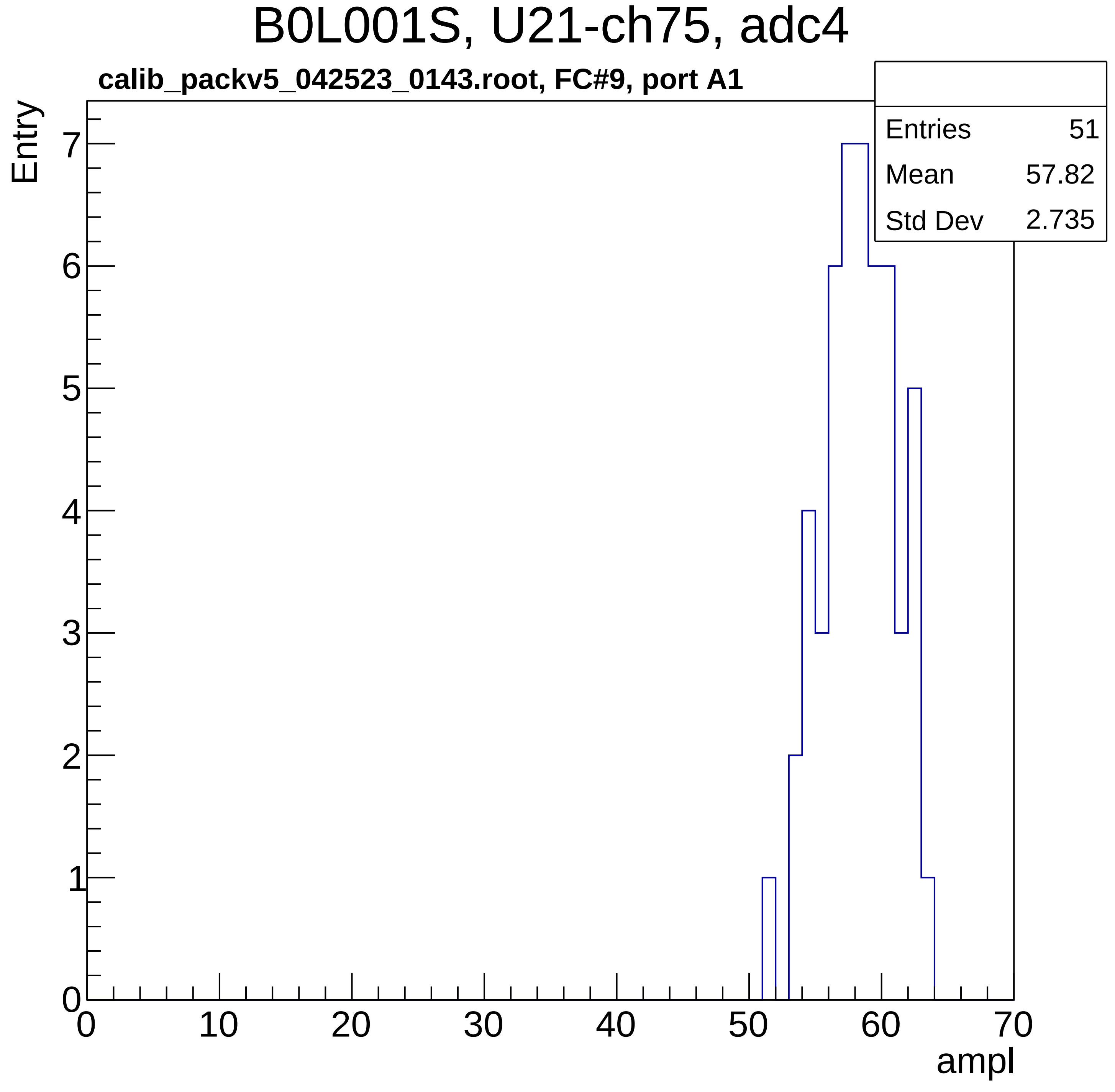
calib_packv5_042523_0143.root, FC#9, port A1



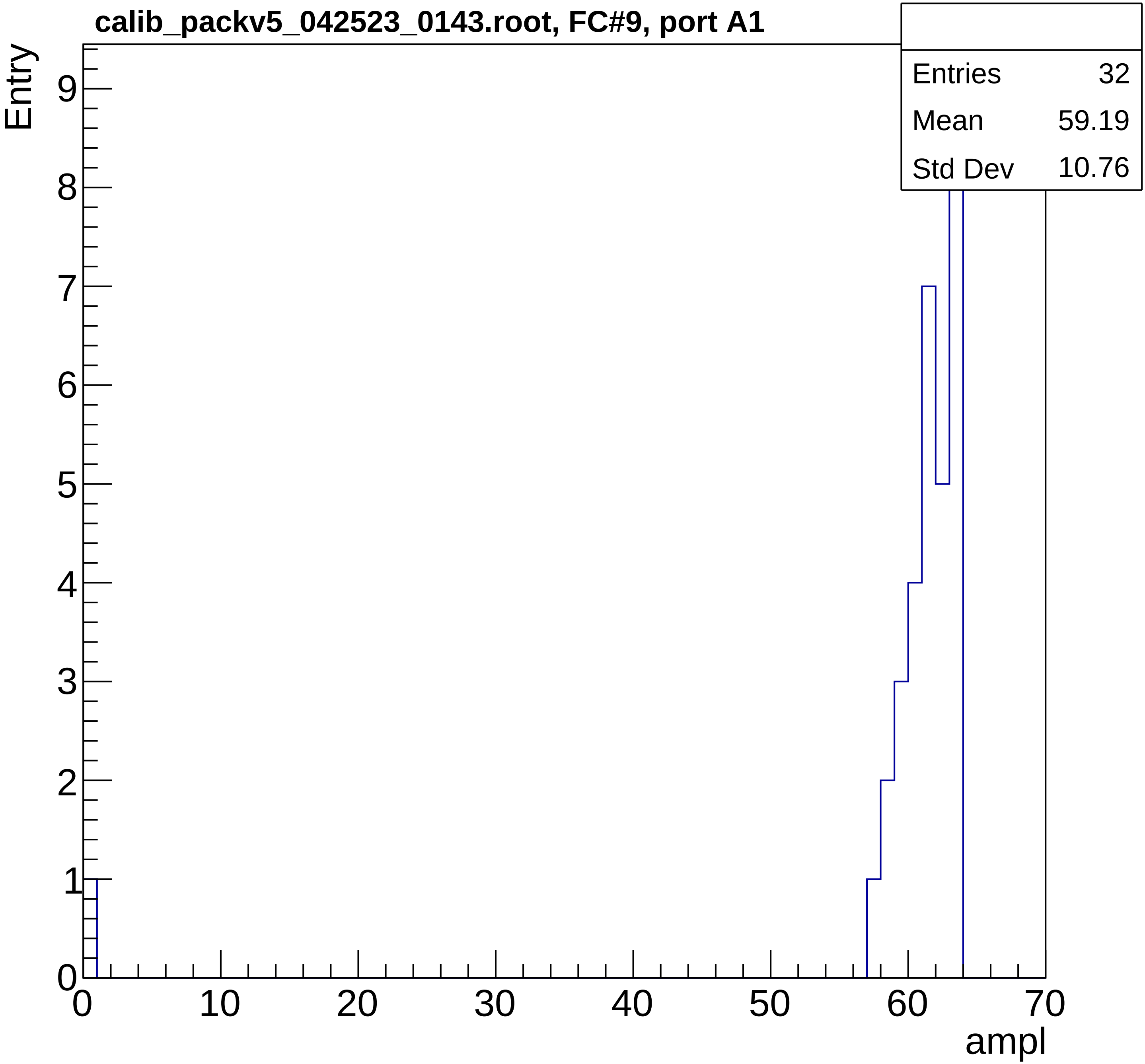

B0L001S, U21-ch75, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 39.25
Std Dev 3.192
Gaus mean : 39.5575
Gaus Width: 3.1762
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch75, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 59
Mean 45.61
Std Dev 3.385
Gaus mean : 45.6482
Gaus Width: 3.4149
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

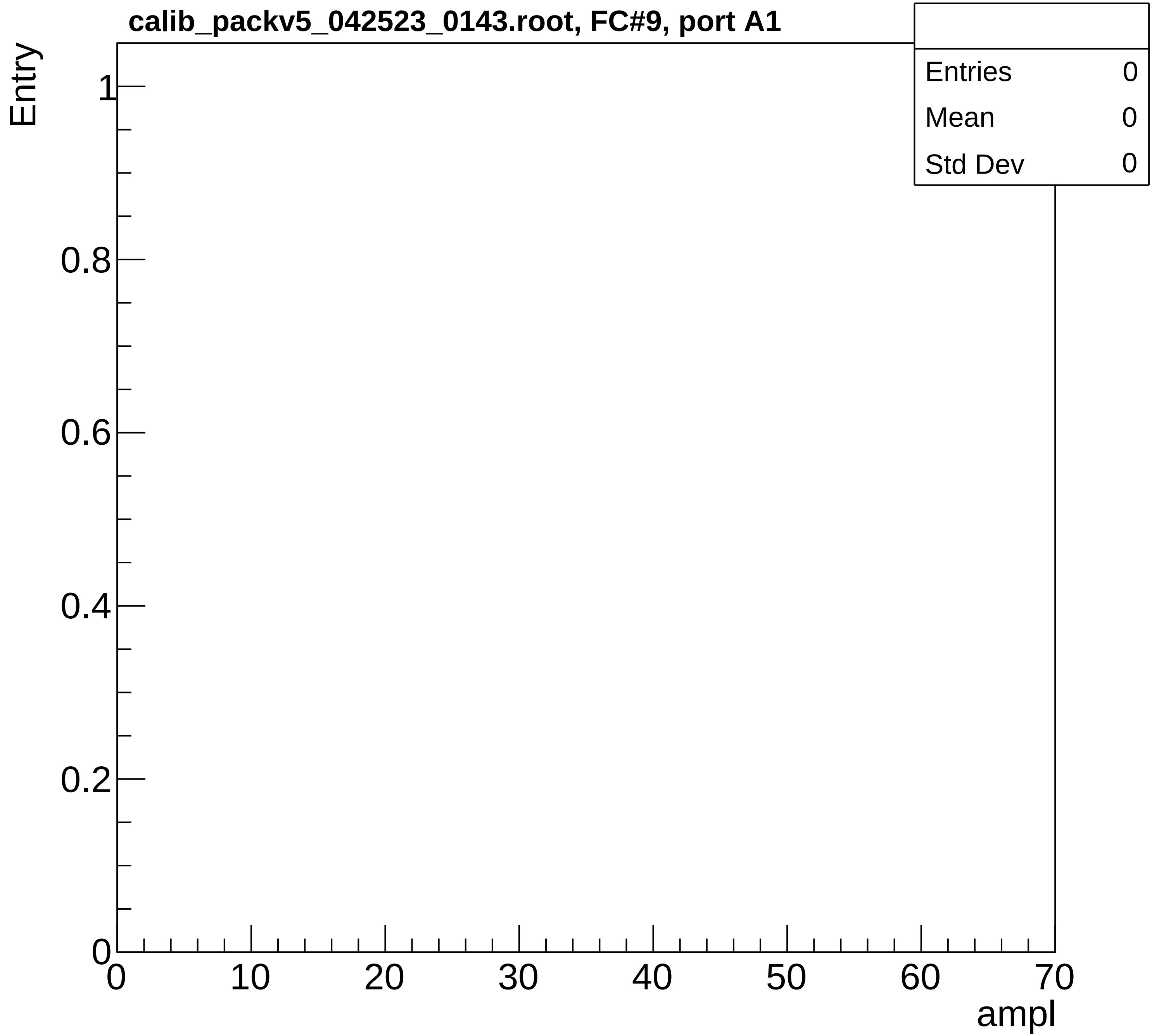

B0L001S, U21-ch75, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 51.58
Std Dev 3.312
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch75, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 57.82
Std Dev 2.735
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

B0L001S, U21-ch75, adc5

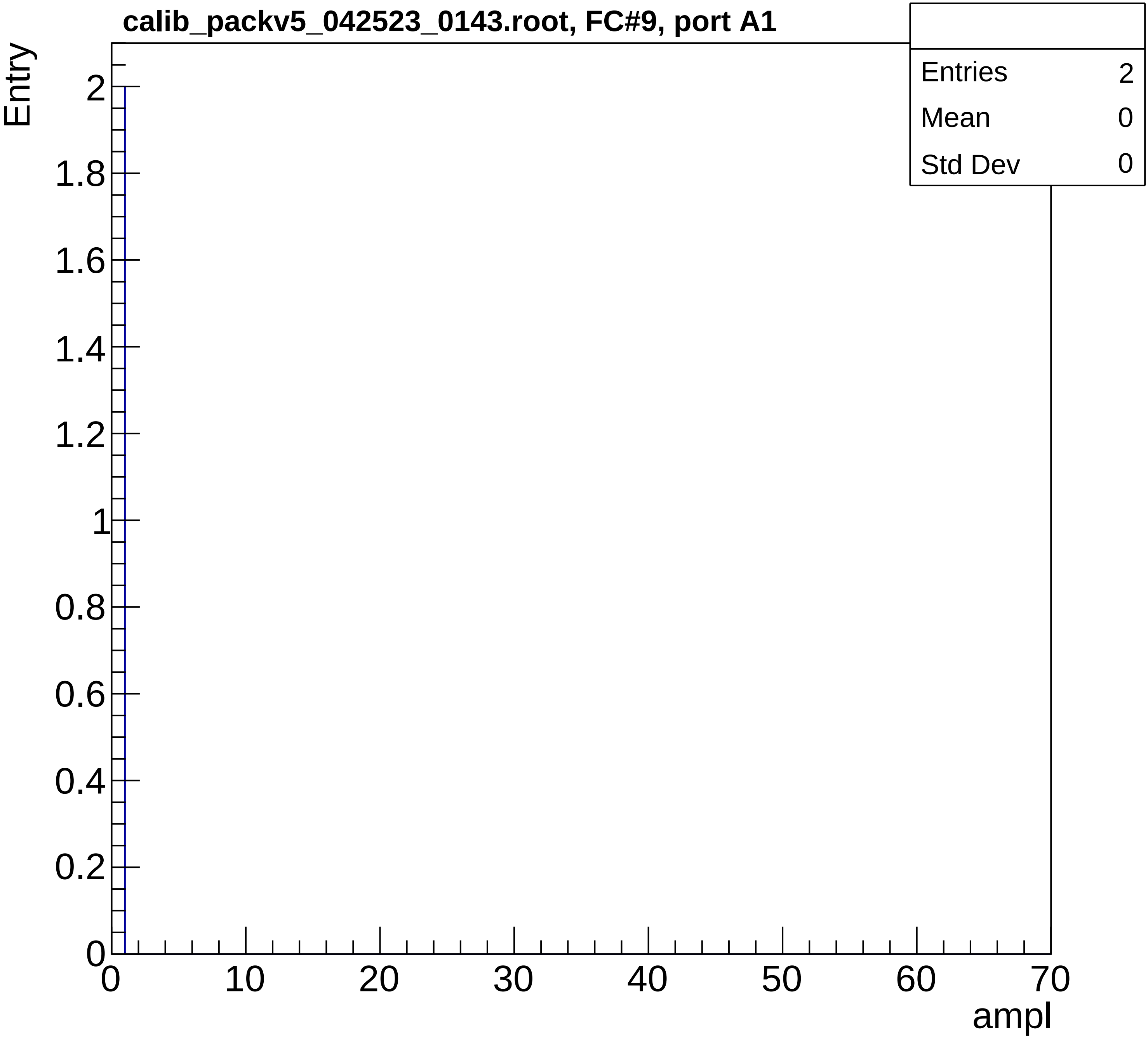


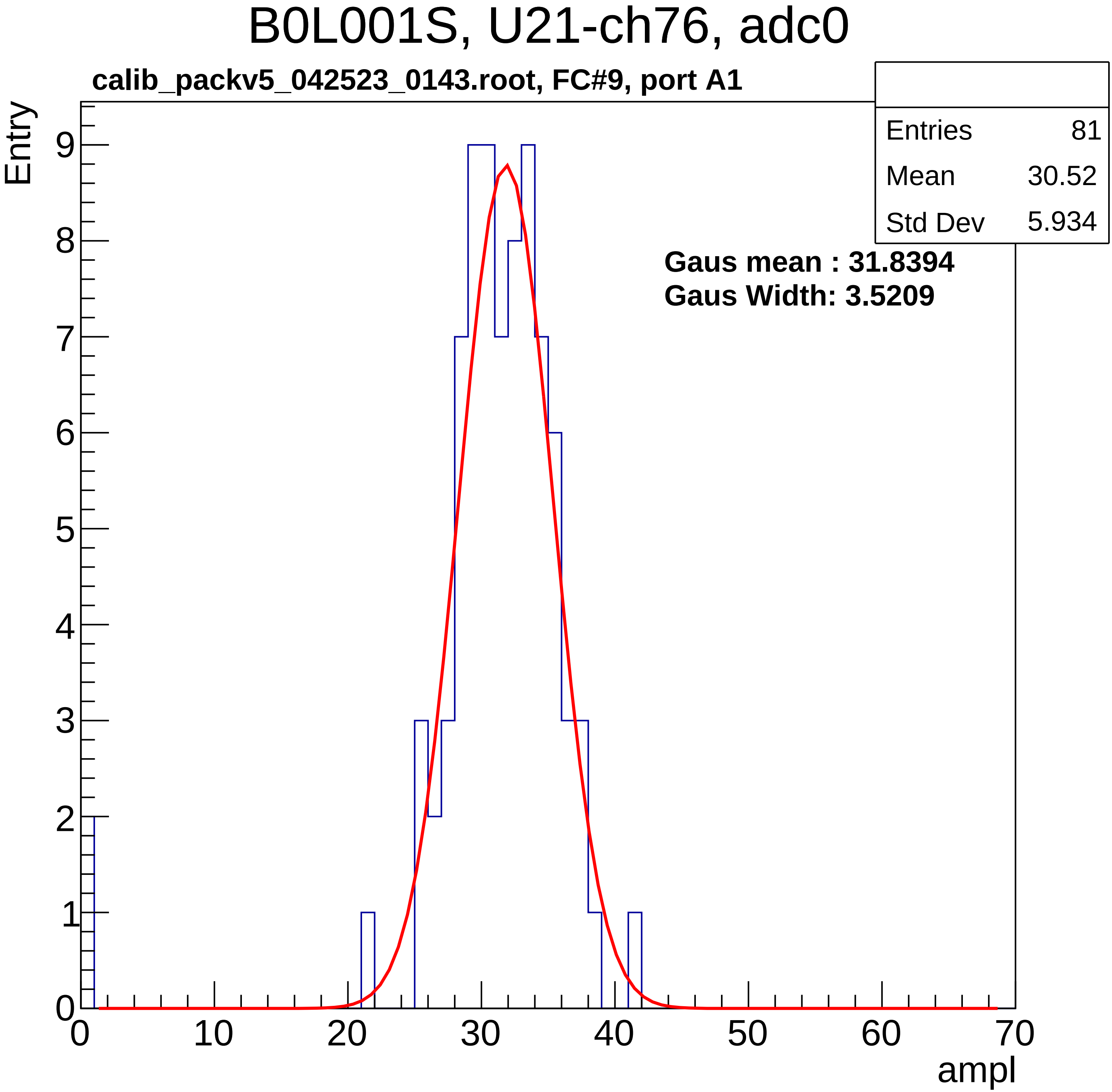
B0L001S, U21-ch75, adc6

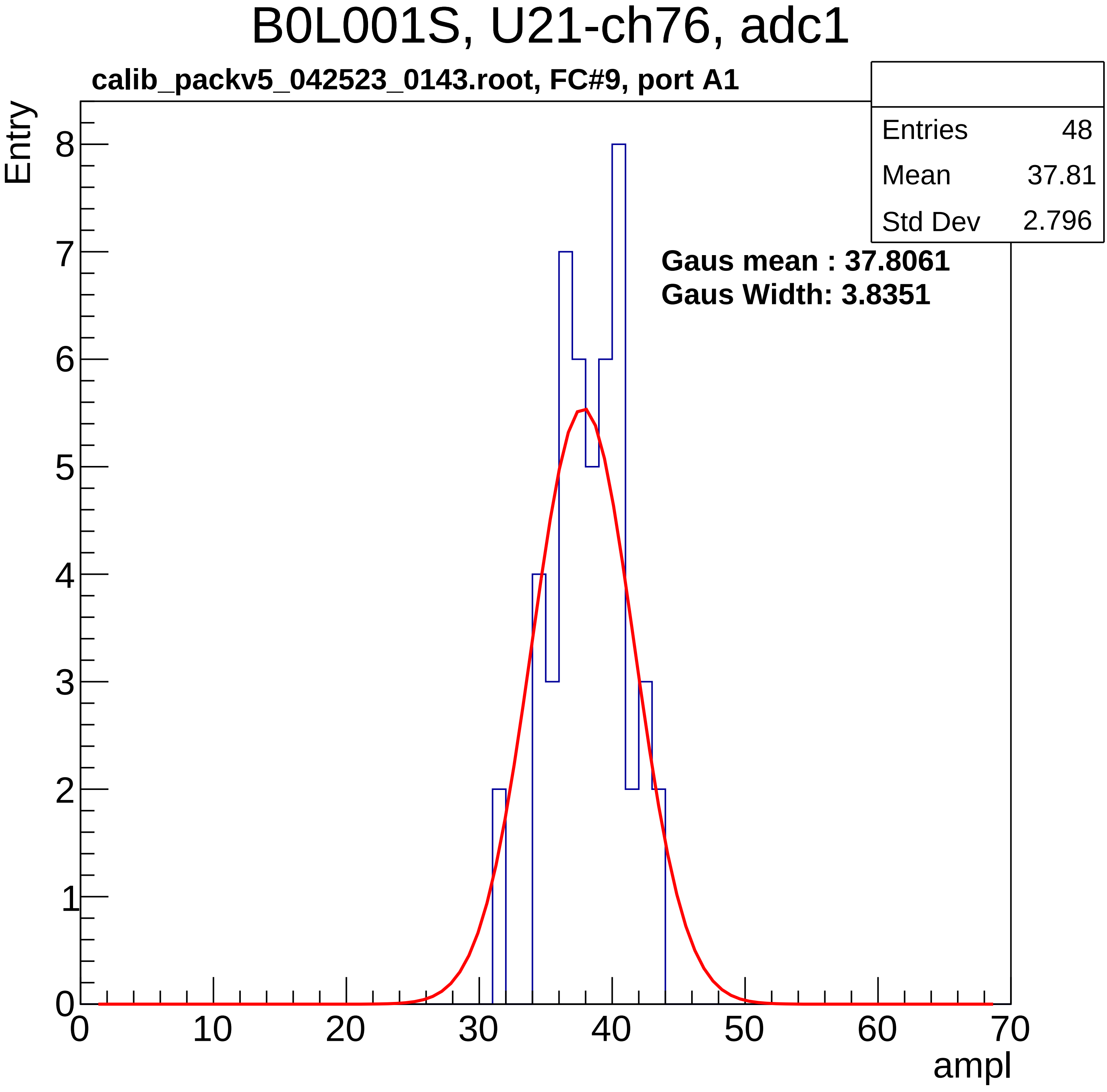


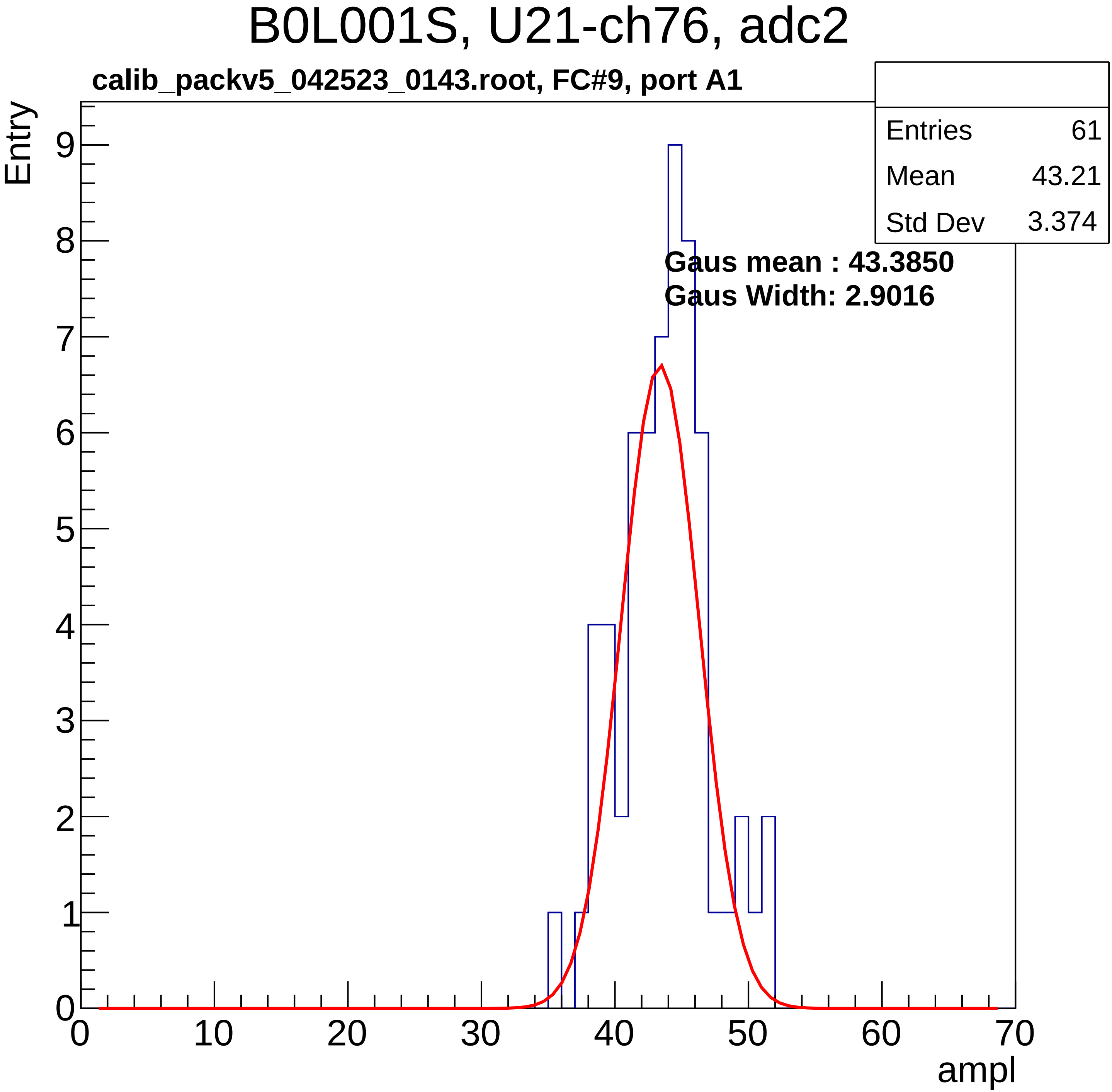
B0L001S, U21-ch75, adc7

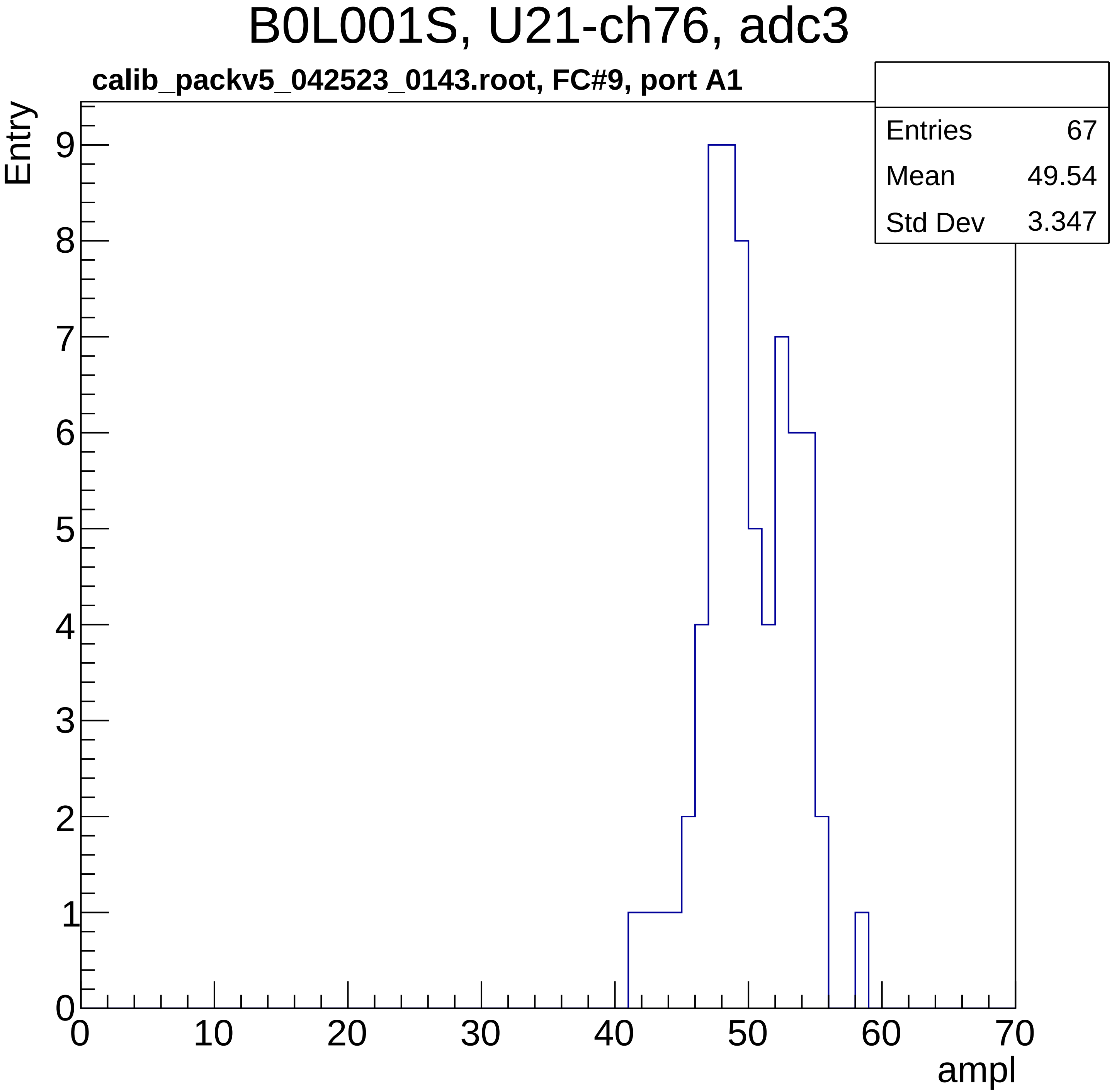
calib_packv5_042523_0143.root, FC#9, port A1

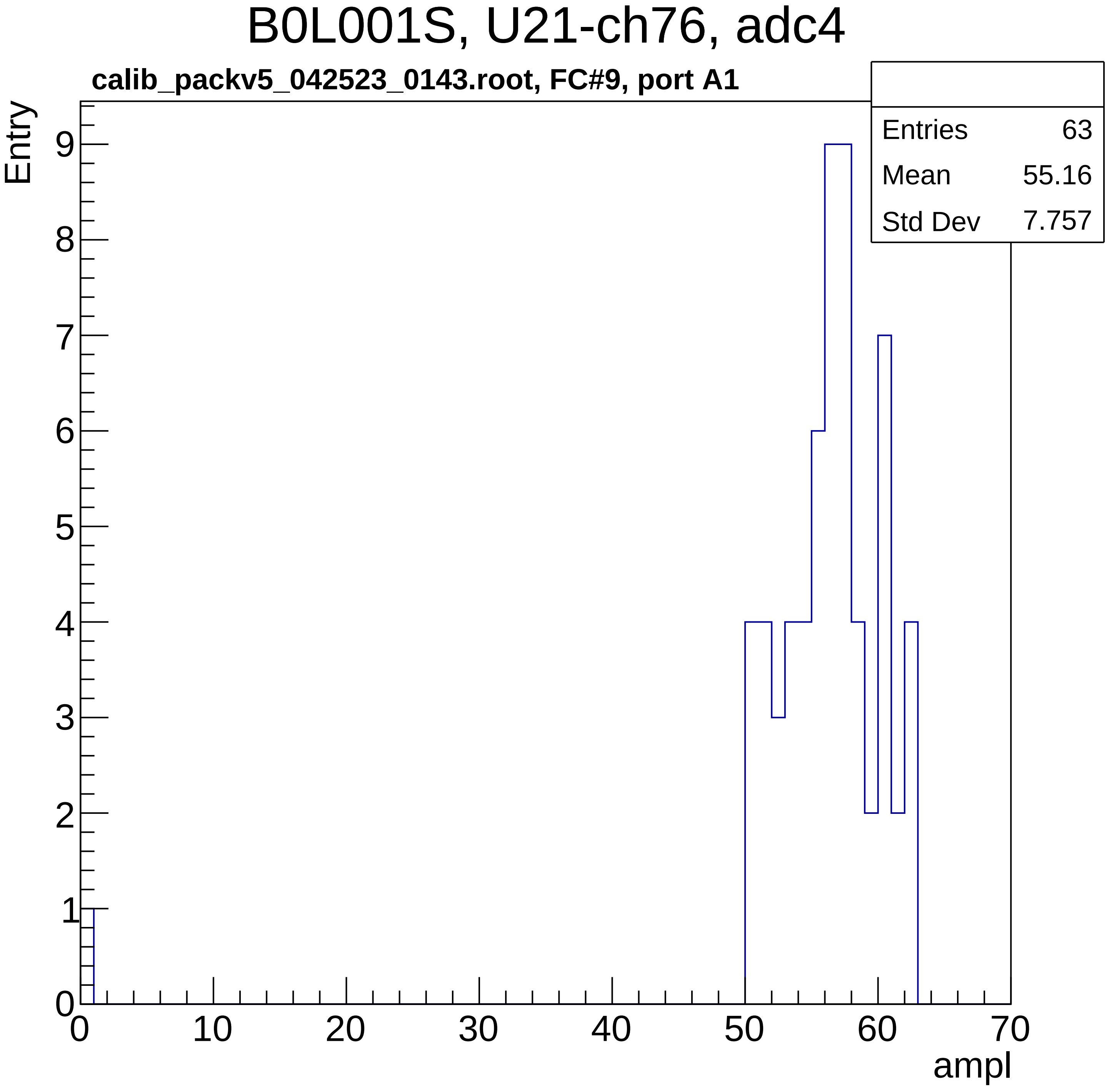


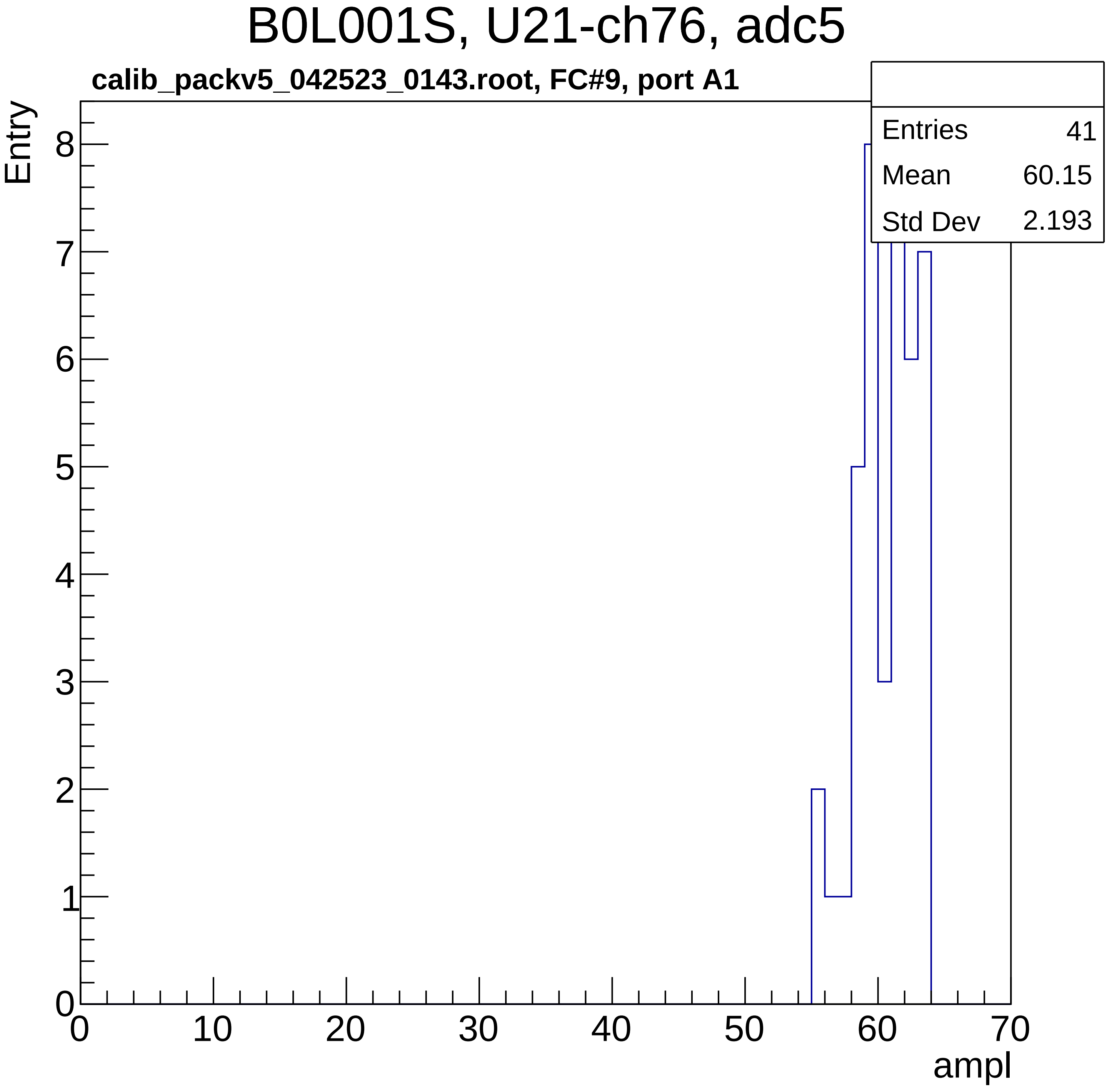

B0L001S, U21-ch76, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 81
Mean 30.52
Std Dev 5.934
Gaus mean : 31.8394
Gaus Width: 3.5209
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch76, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 37.81
Std Dev 2.796
Gaus mean : 37.8061
Gaus Width: 3.8351
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

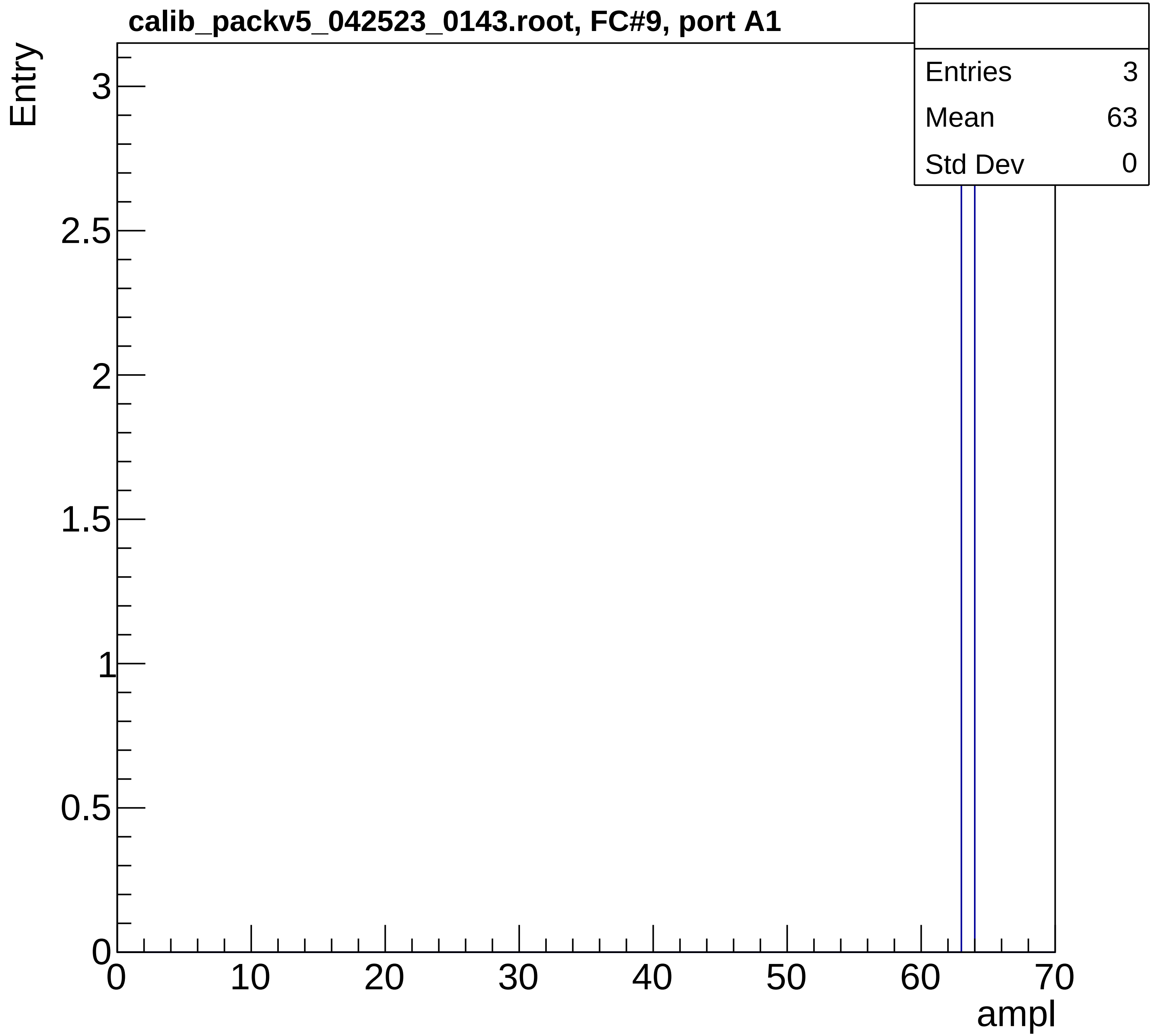

B0L001S, U21-ch76, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 61
Mean 43.21
Std Dev 3.374
Gaus mean : 43.3850
Gaus Width: 2.9016
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

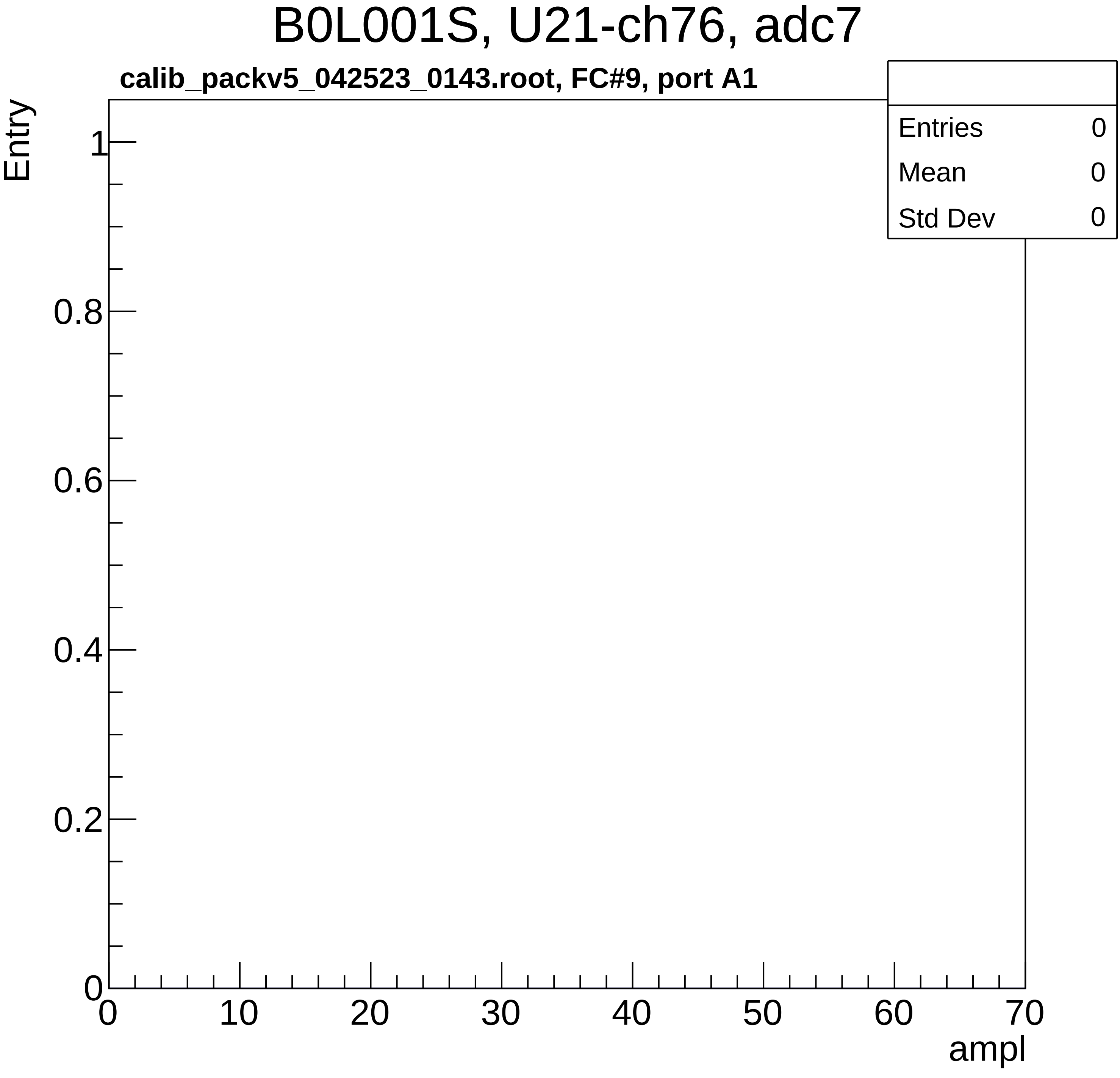

B0L001S, U21-ch76, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 49.54
Std Dev 3.347
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

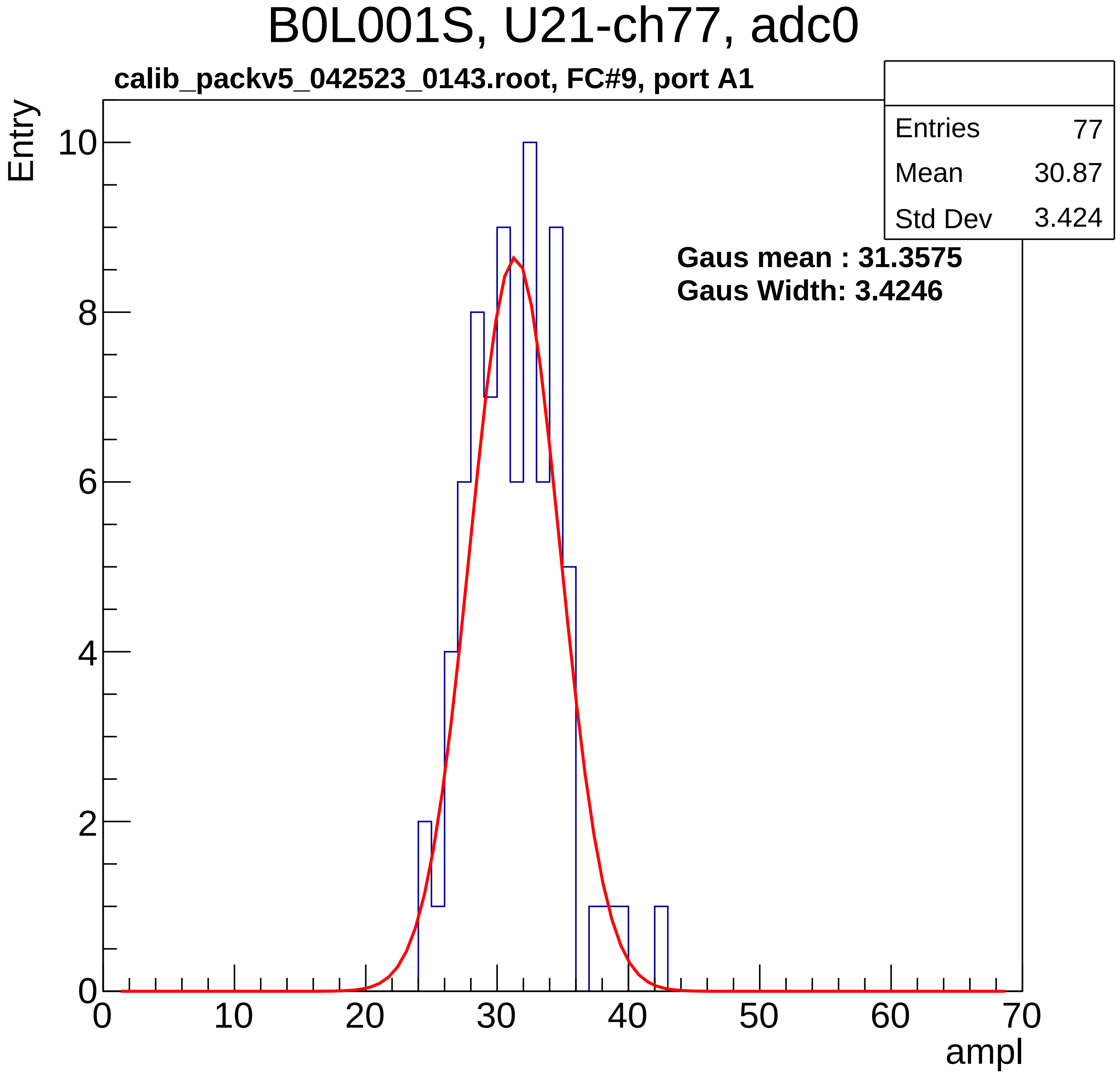

B0L001S, U21-ch76, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 55.16
Std Dev 7.757
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

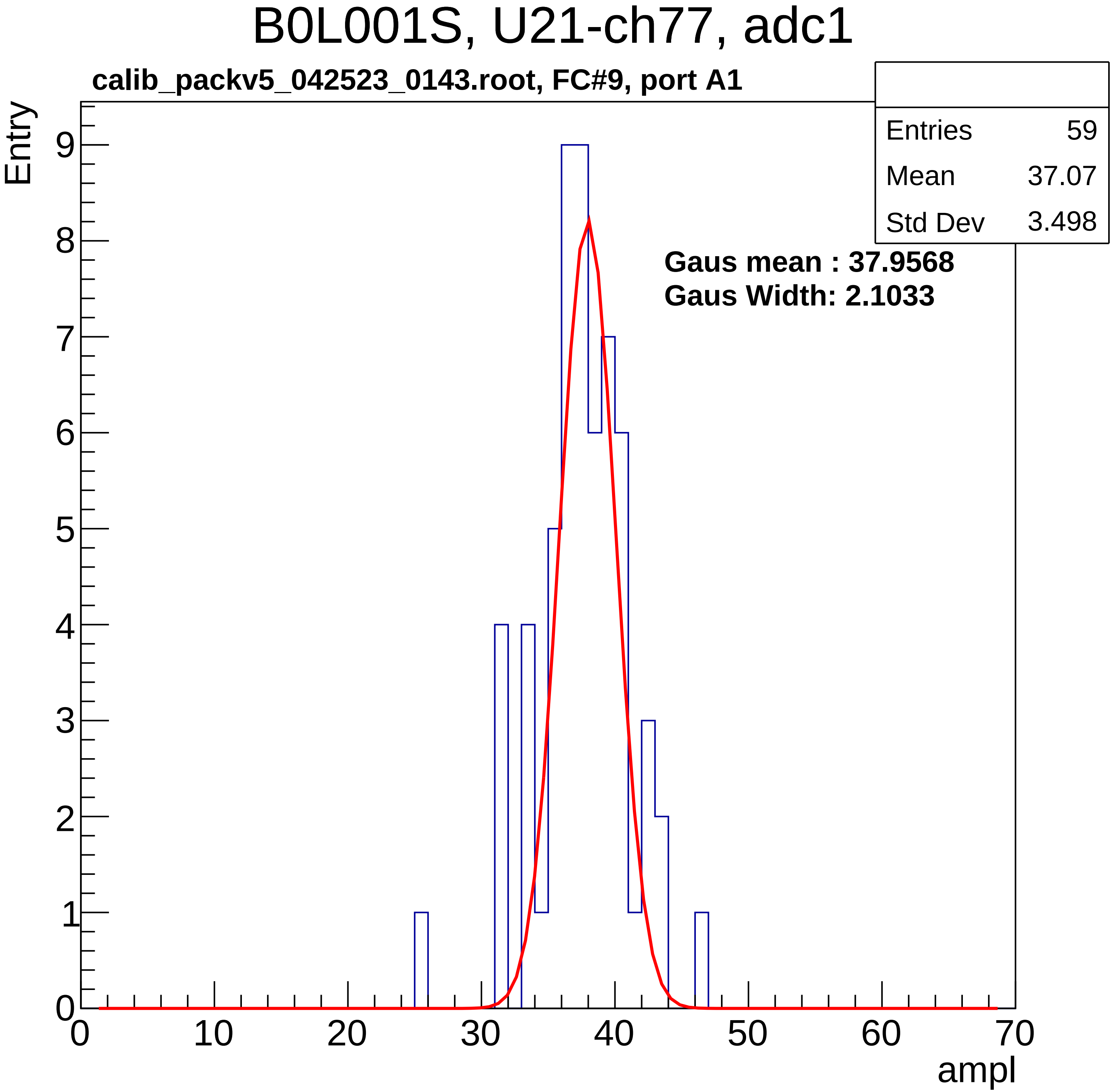

B0L001S, U21-ch76, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 60.15
Std Dev 2.193
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

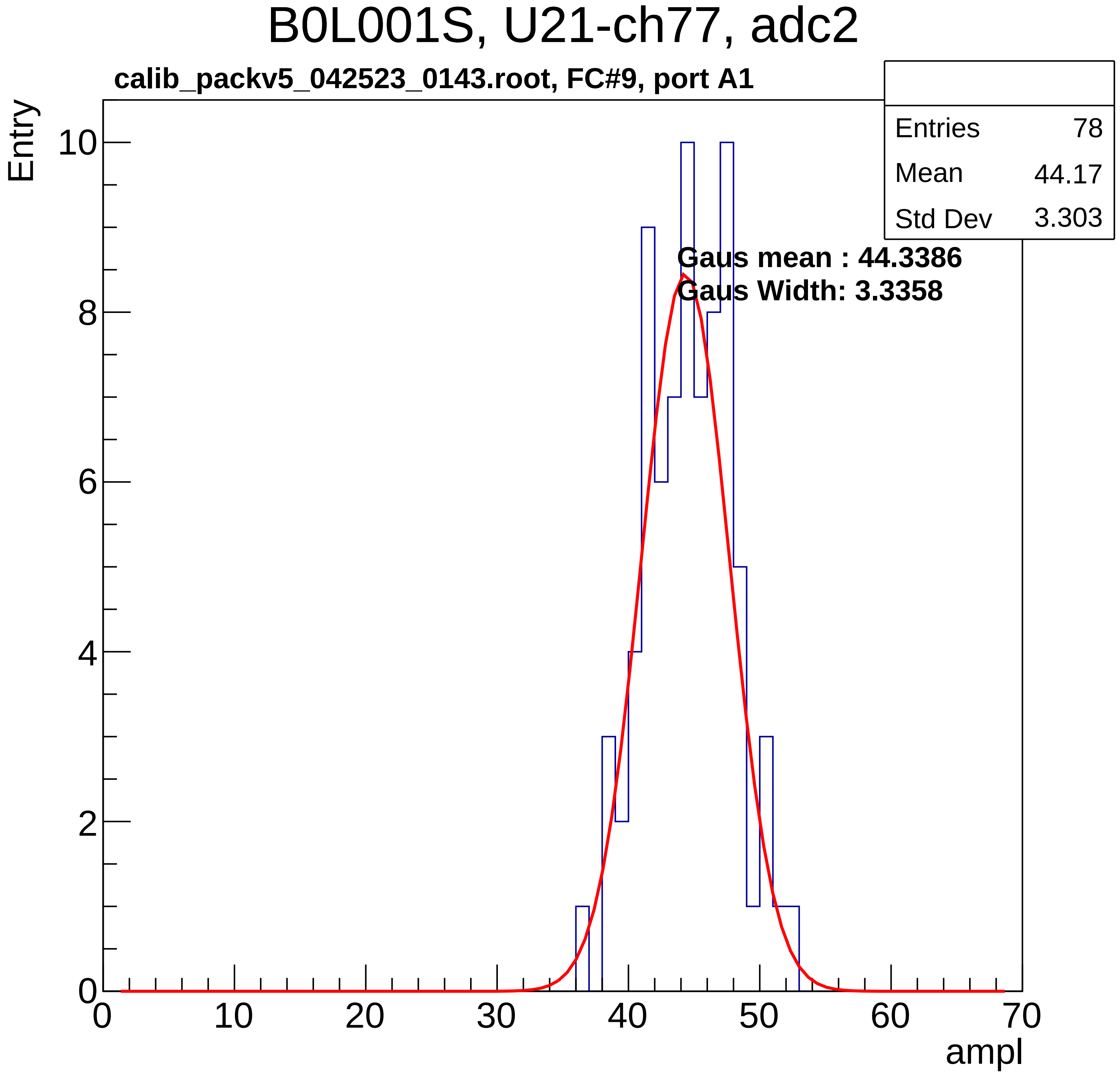
B0L001S, U21-ch76, adc6

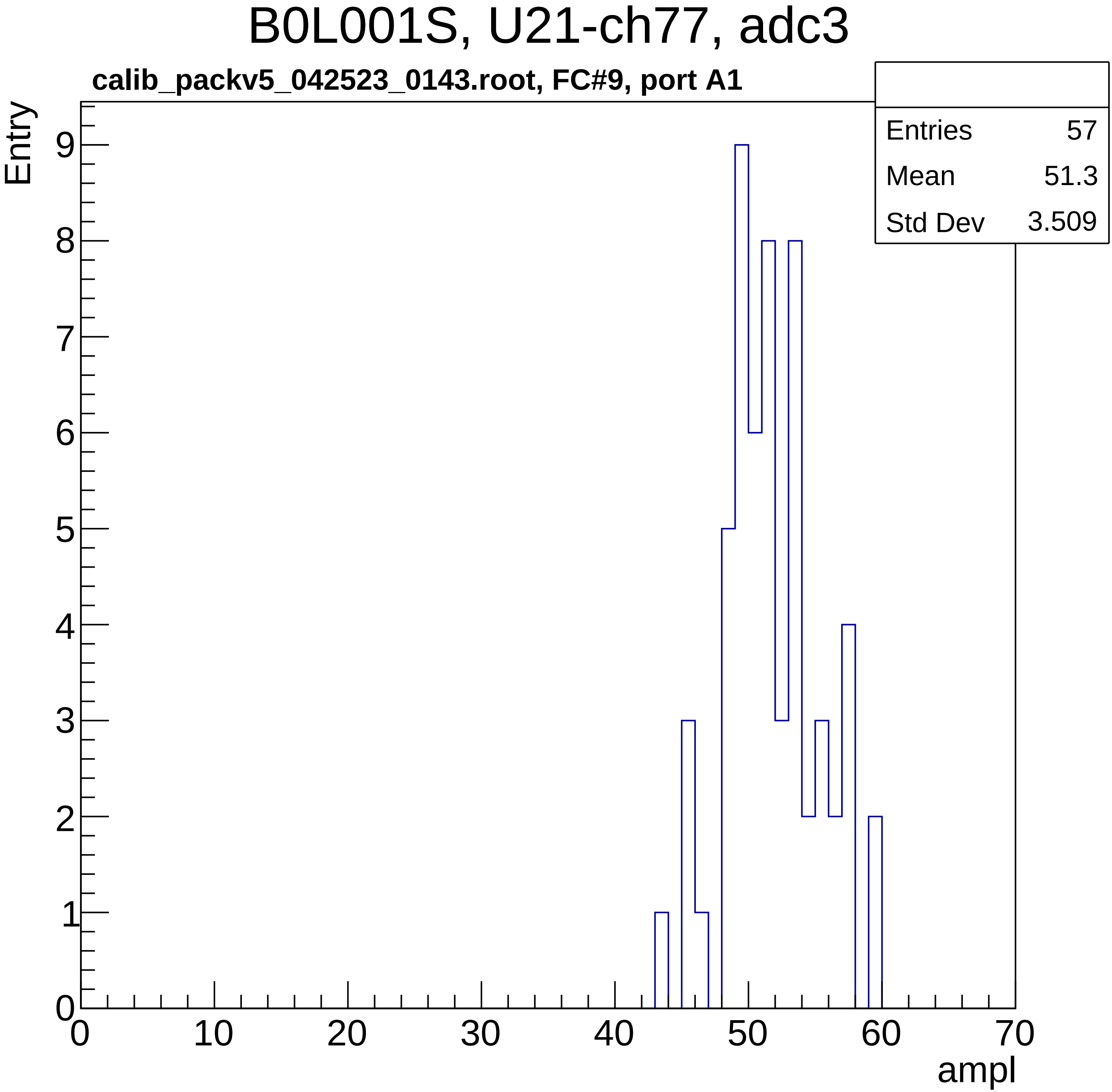


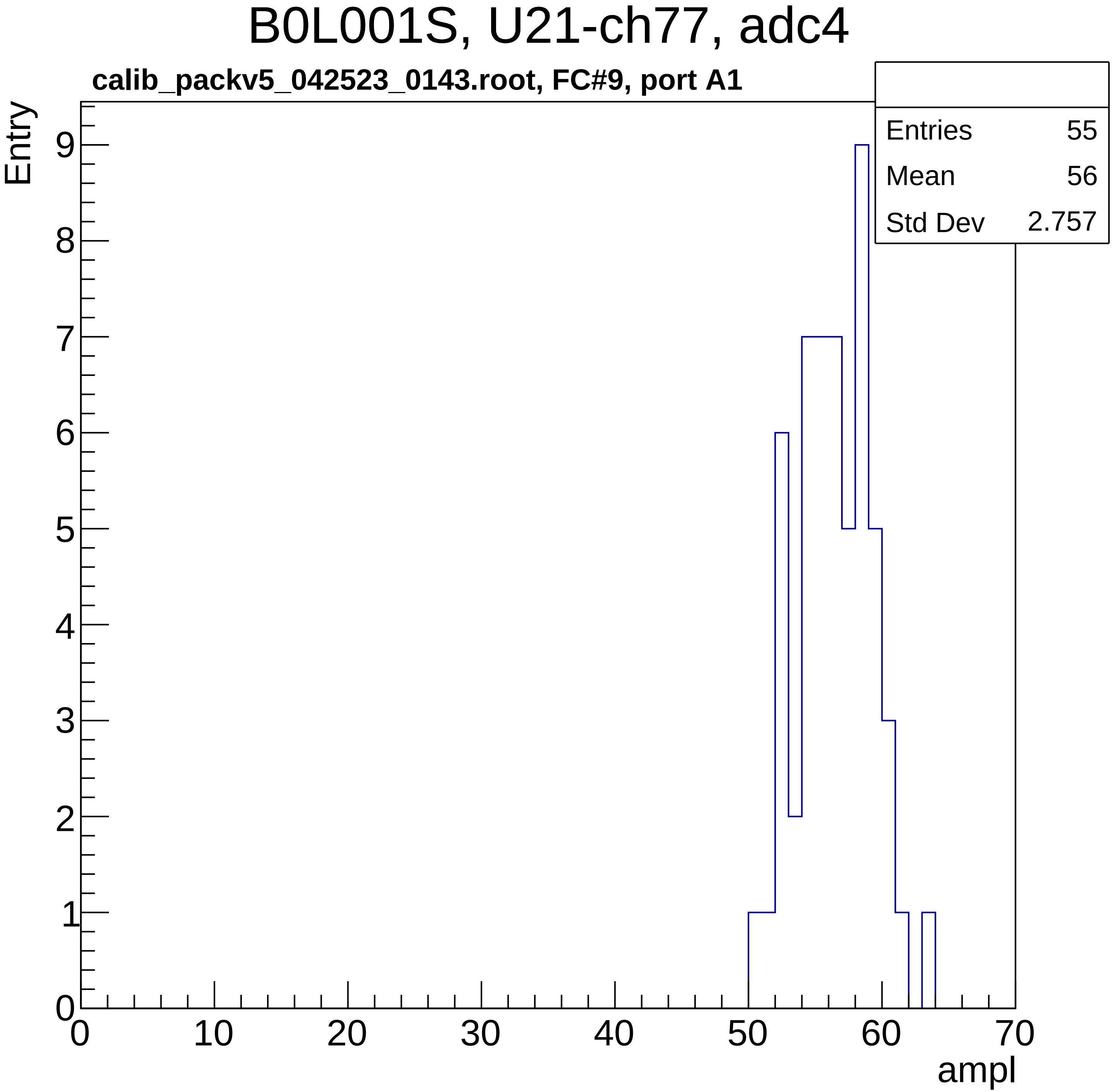

B0L001S, U21-ch76, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

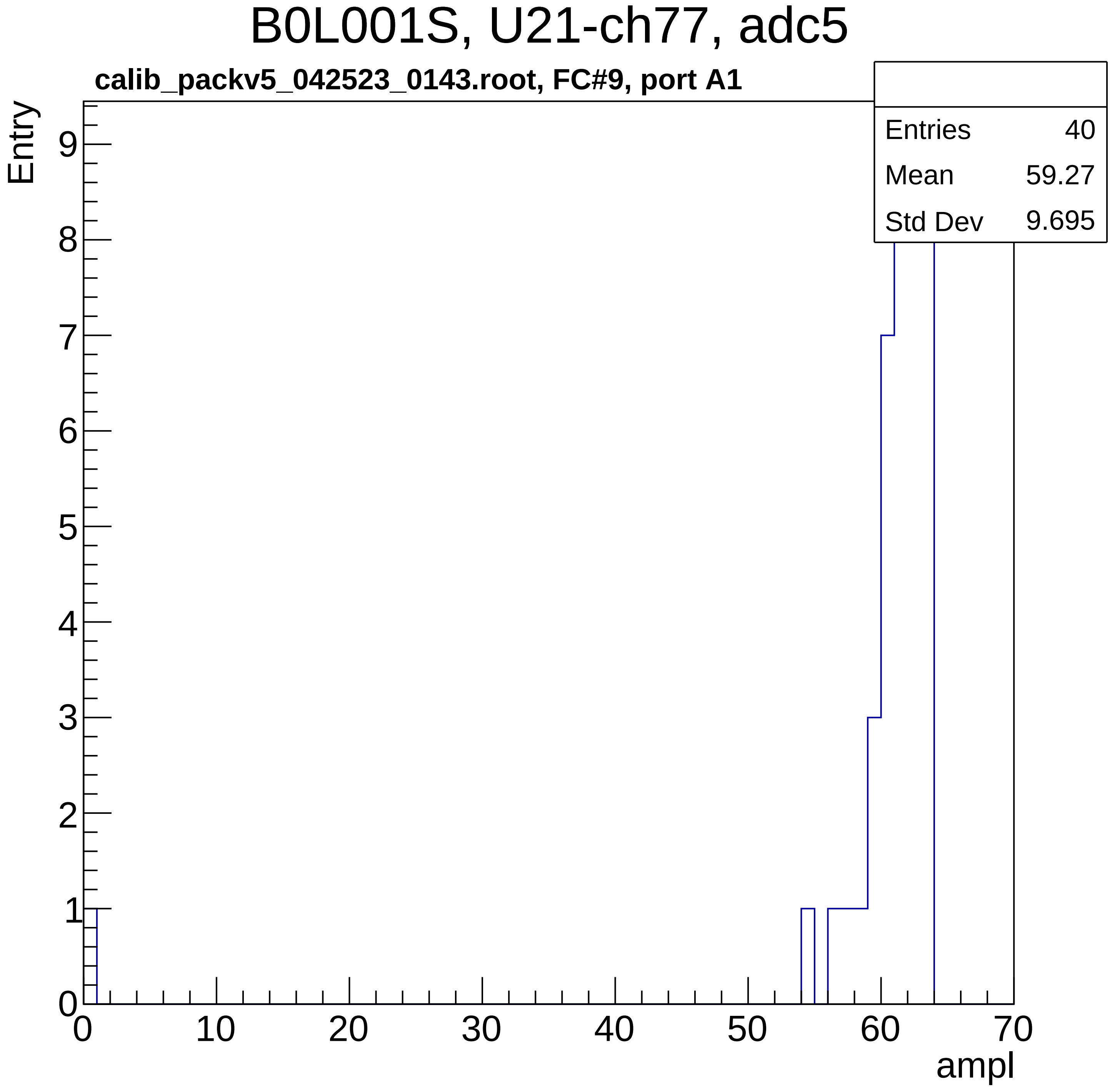

B0L001S, U21-ch77, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 30.87
Std Dev 3.424
Gaus mean : 31.3575
Gaus Width: 3.4246
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch77, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 59
Mean 37.07
Std Dev 3.498
Gaus mean : 37.9568
Gaus Width: 2.1033
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

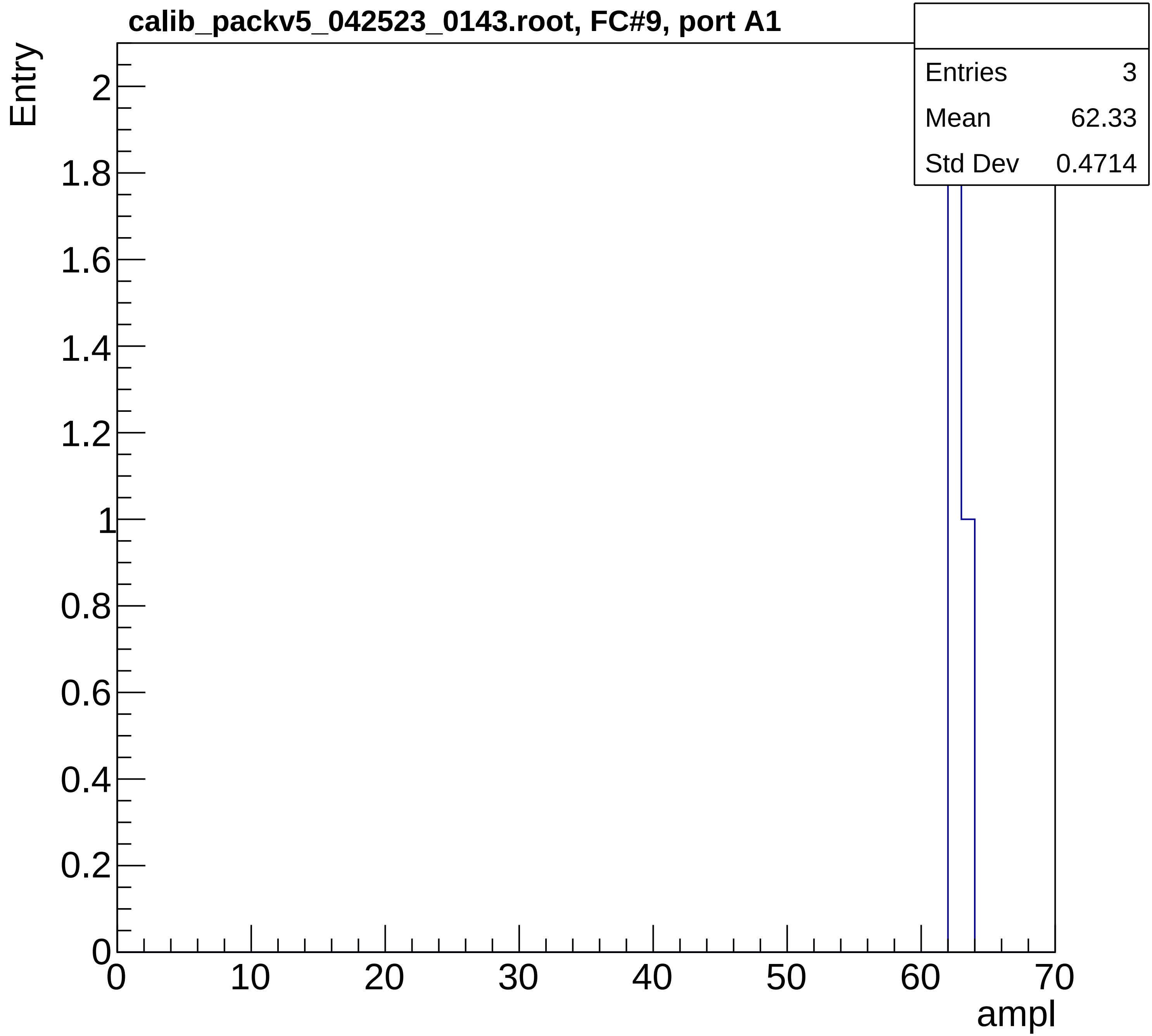

B0L001S, U21-ch77, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 44.17
Std Dev 3.303
Gaus mean : 44.3386
Gaus Width: 3.3358
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

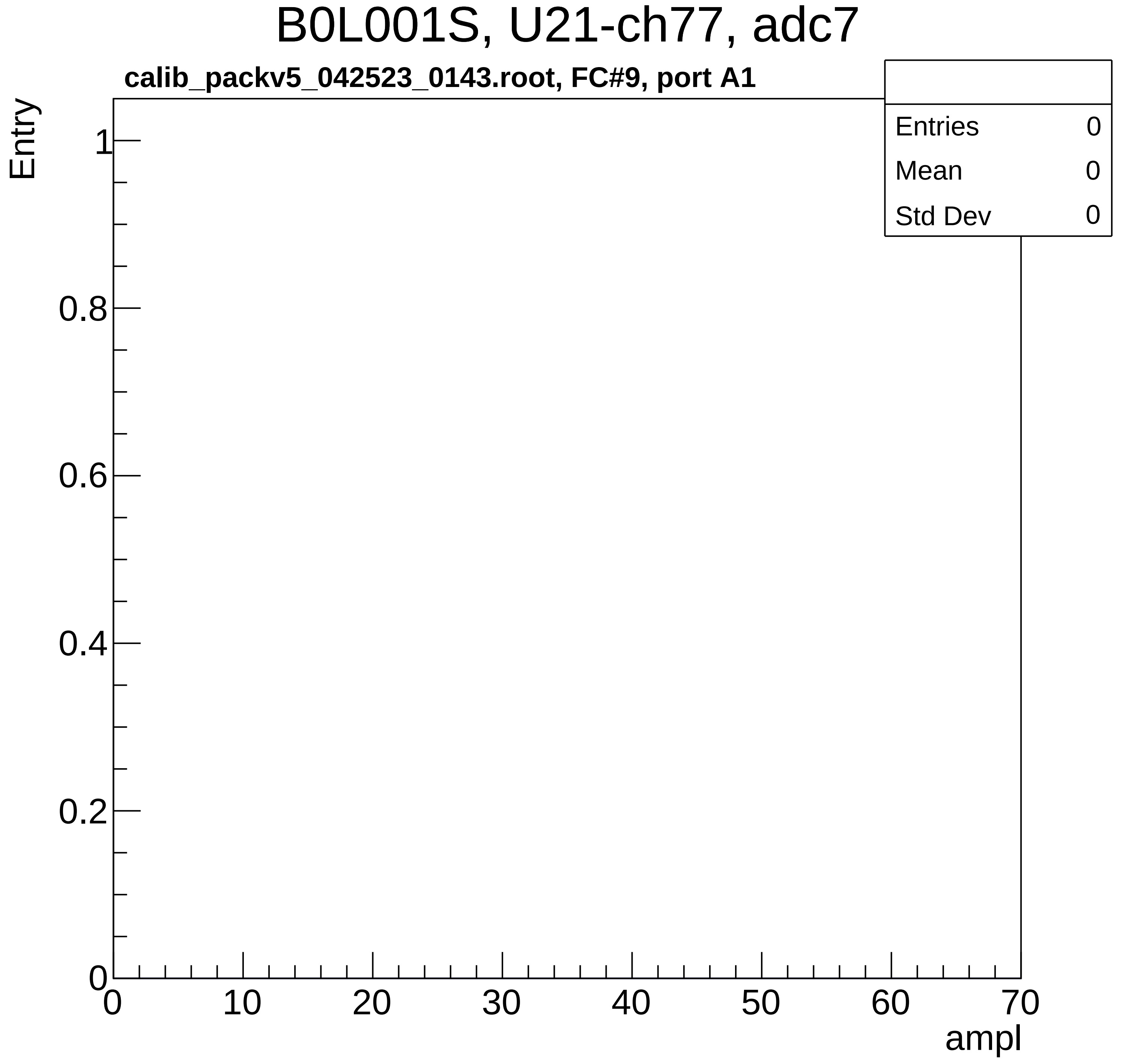

B0L001S, U21-ch77, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 51.3
Std Dev 3.509
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch77, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 56
Std Dev 2.757
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch77, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 59.27
Std Dev 9.695
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

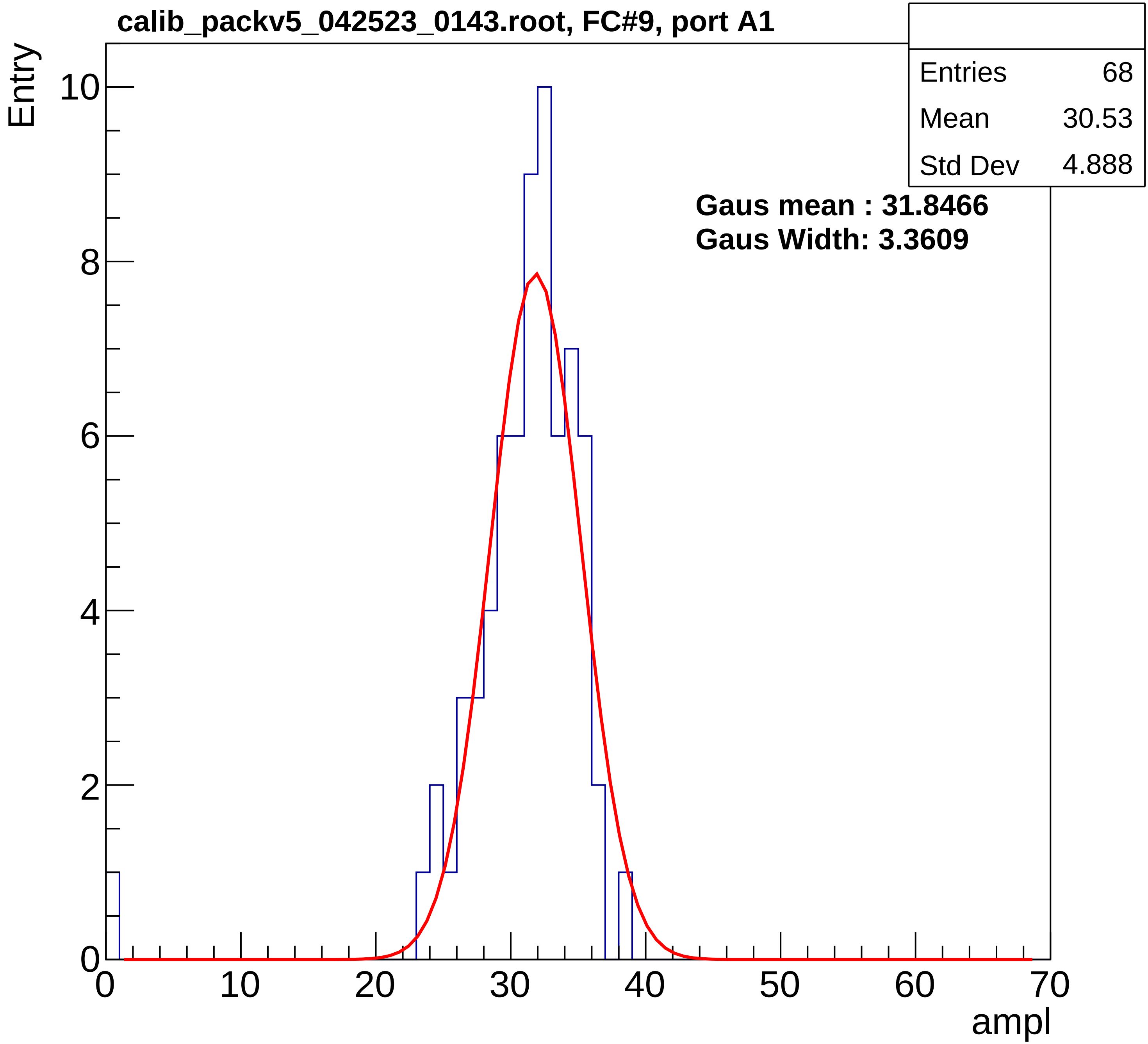
B0L001S, U21-ch77, adc6

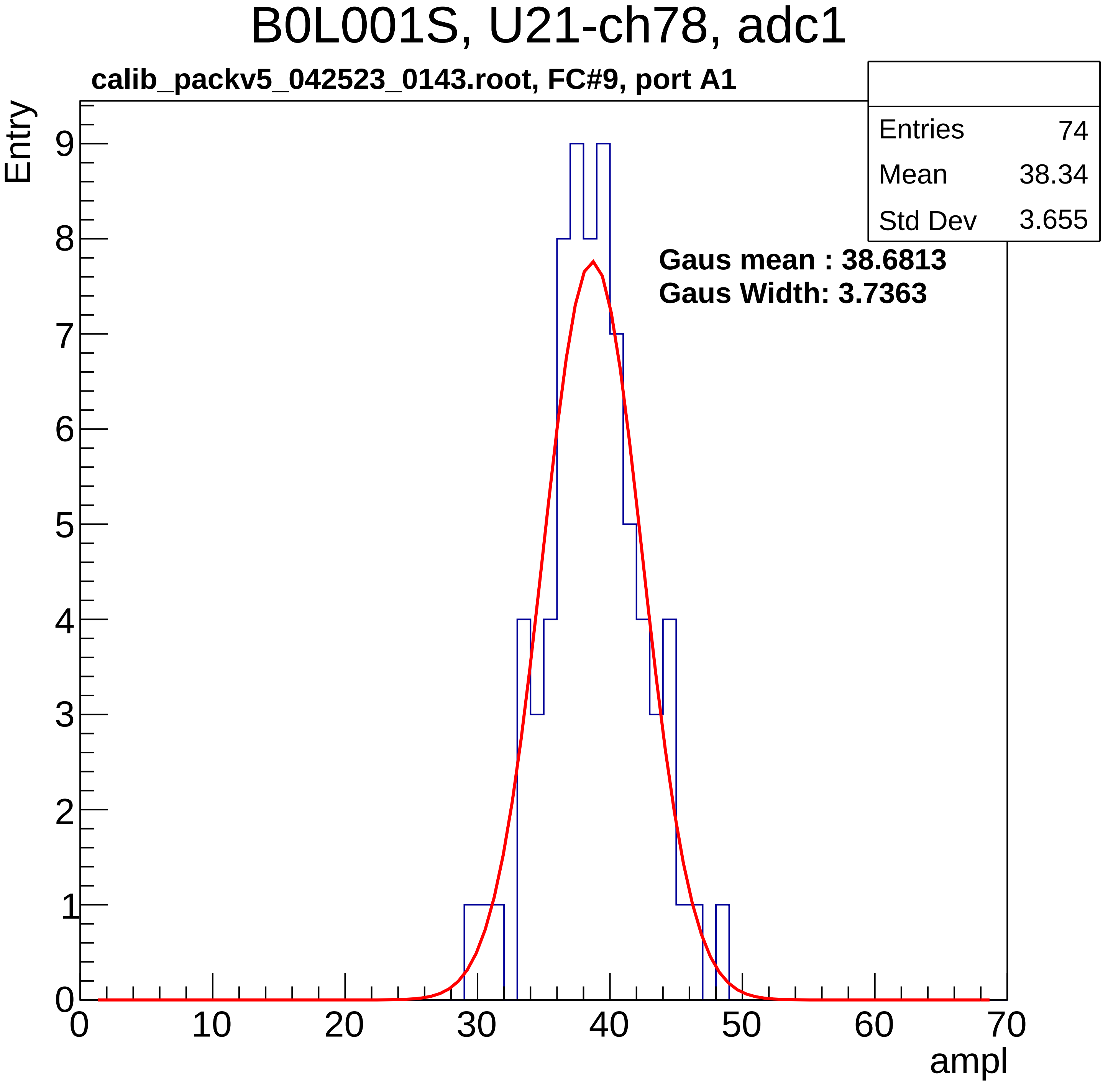


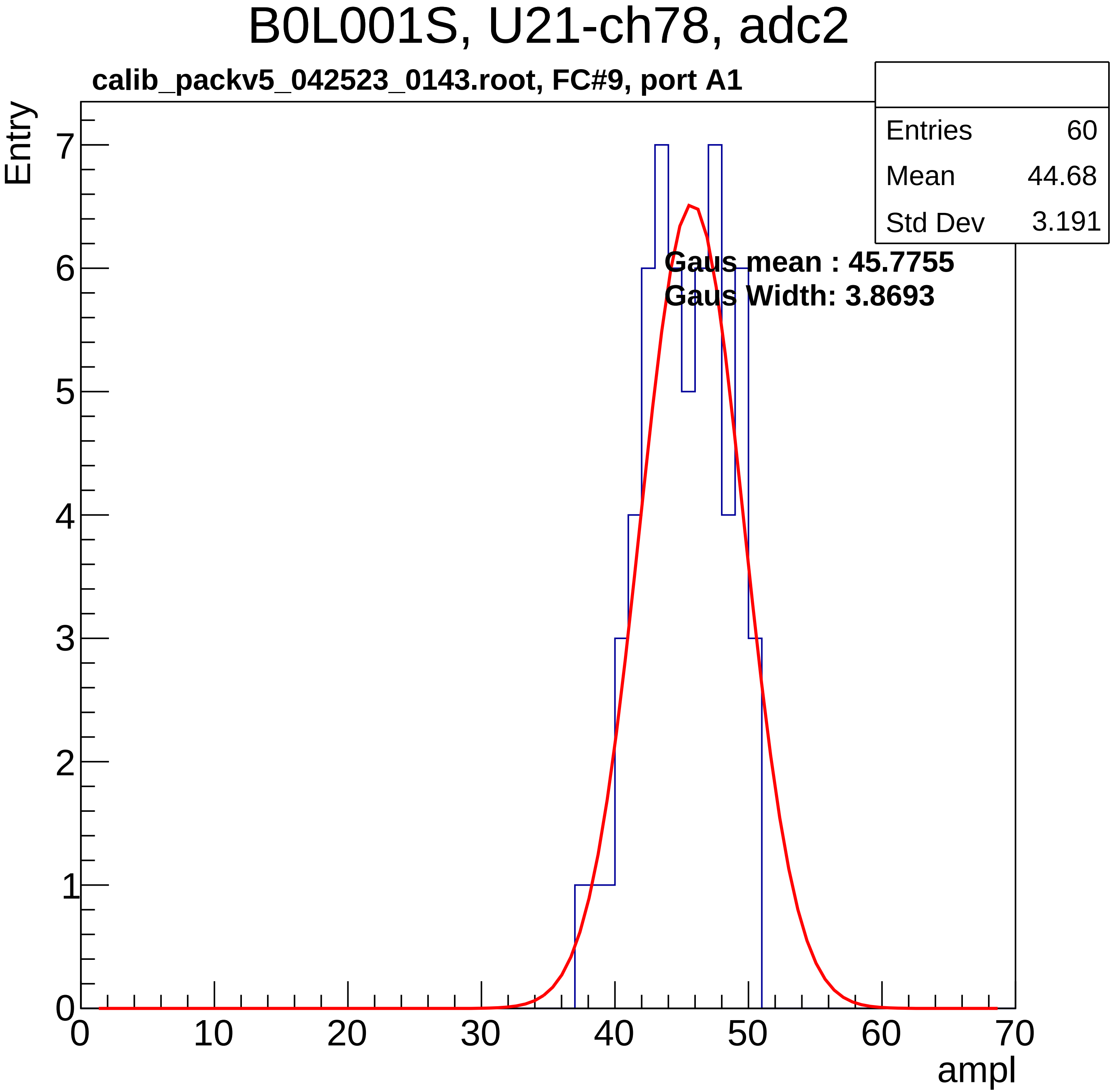

B0L001S, U21-ch77, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch78, adc0

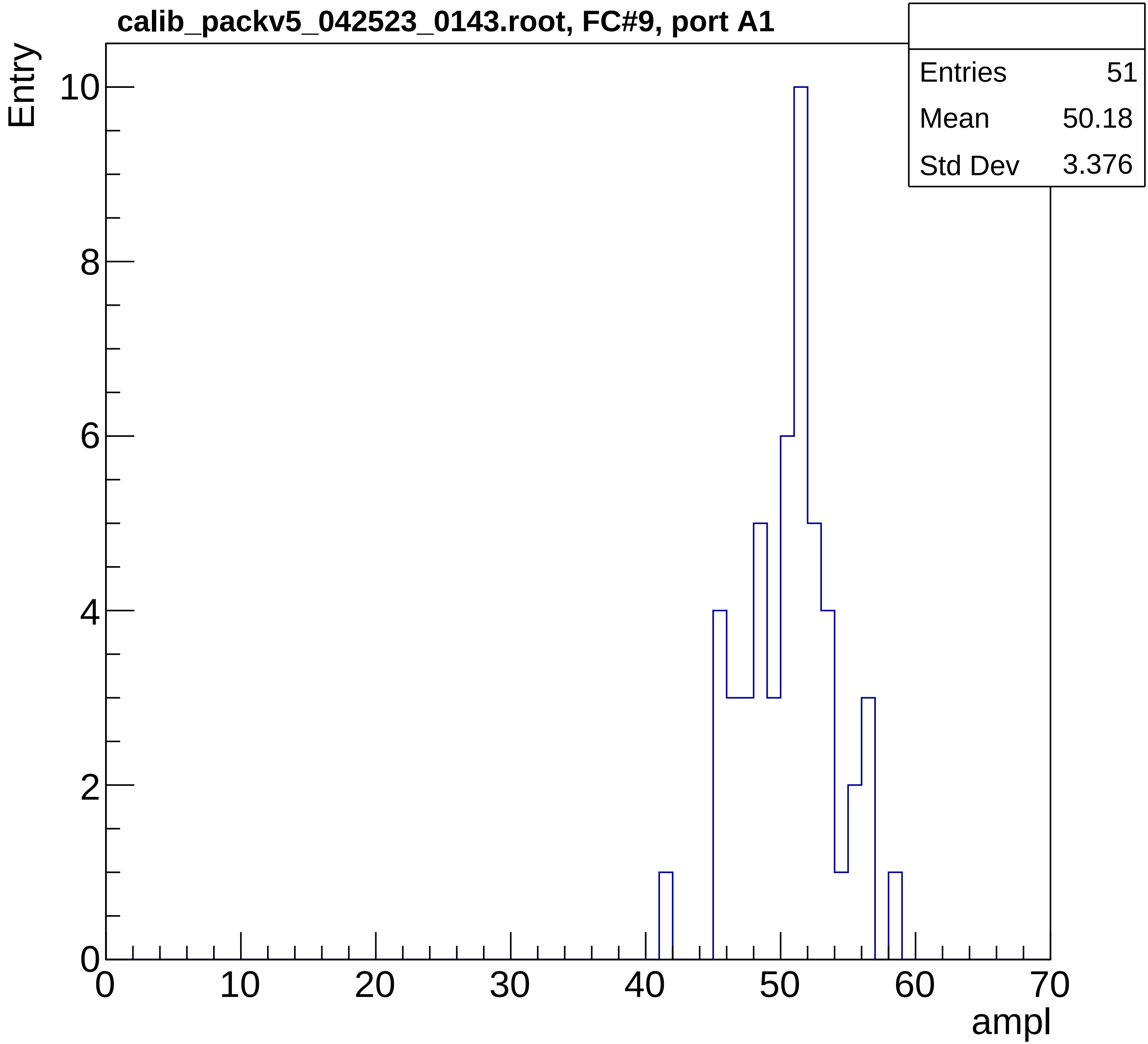
calib_packv5_042523_0143.root, FC#9, port A1



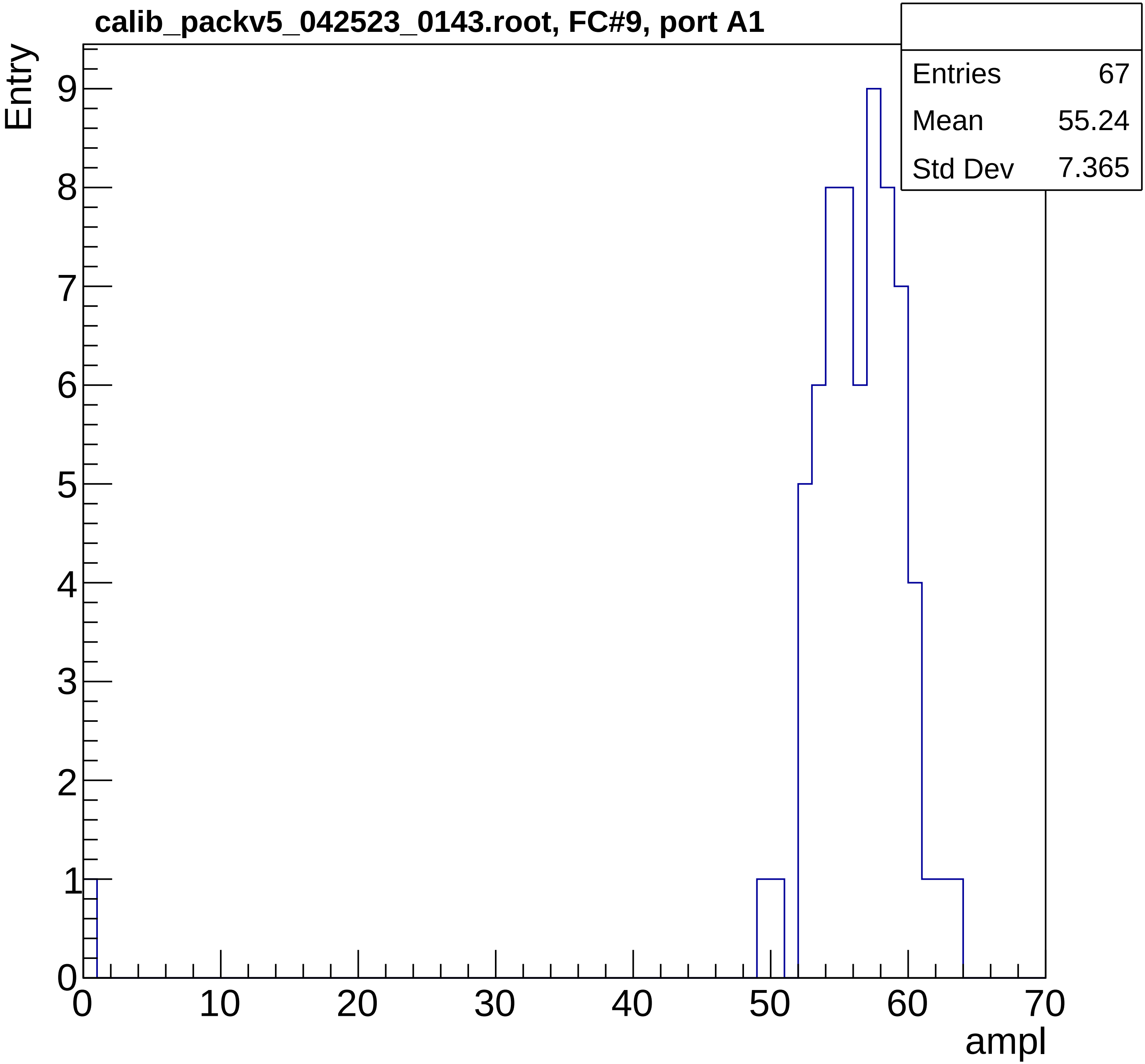

B0L001S, U21-ch78, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 74
Mean 38.34
Std Dev 3.655
Gaus mean : 38.6813
Gaus Width: 3.7363
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch78, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 44.68
Std Dev 3.191
Gaus mean : 45.7755
Gaus Width: 3.8693
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

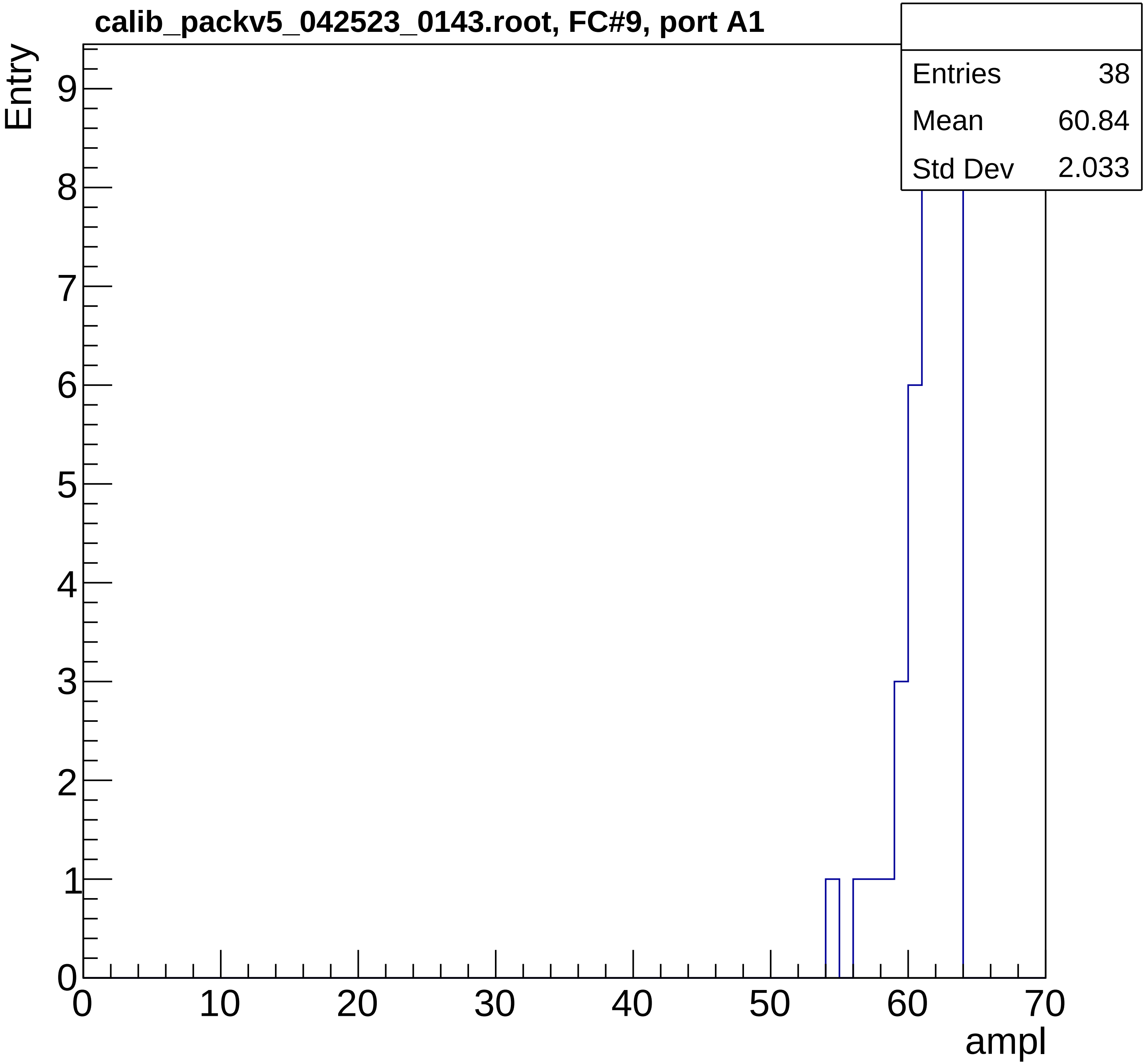
B0L001S, U21-ch78, adc3



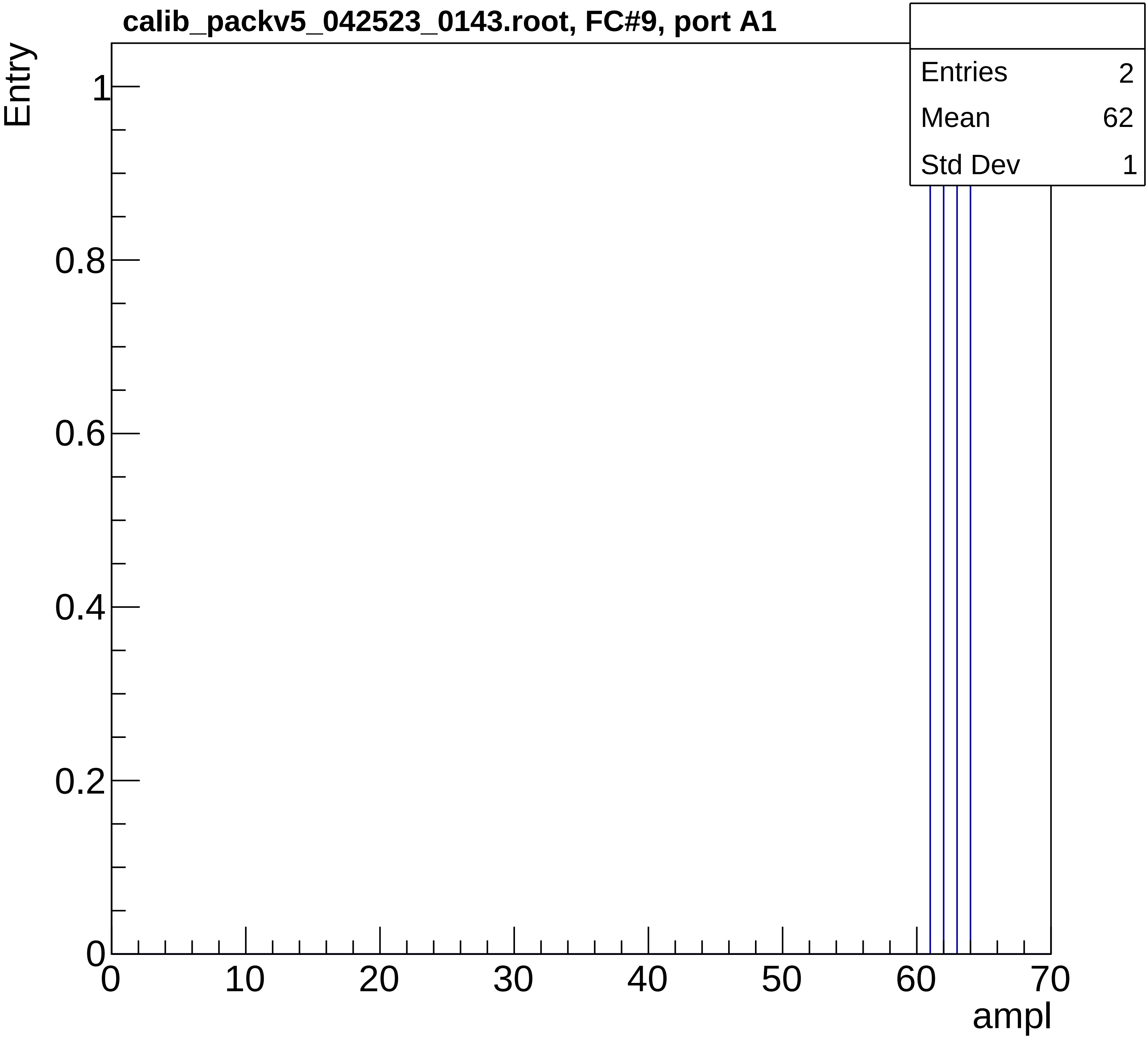
B0L001S, U21-ch78, adc4

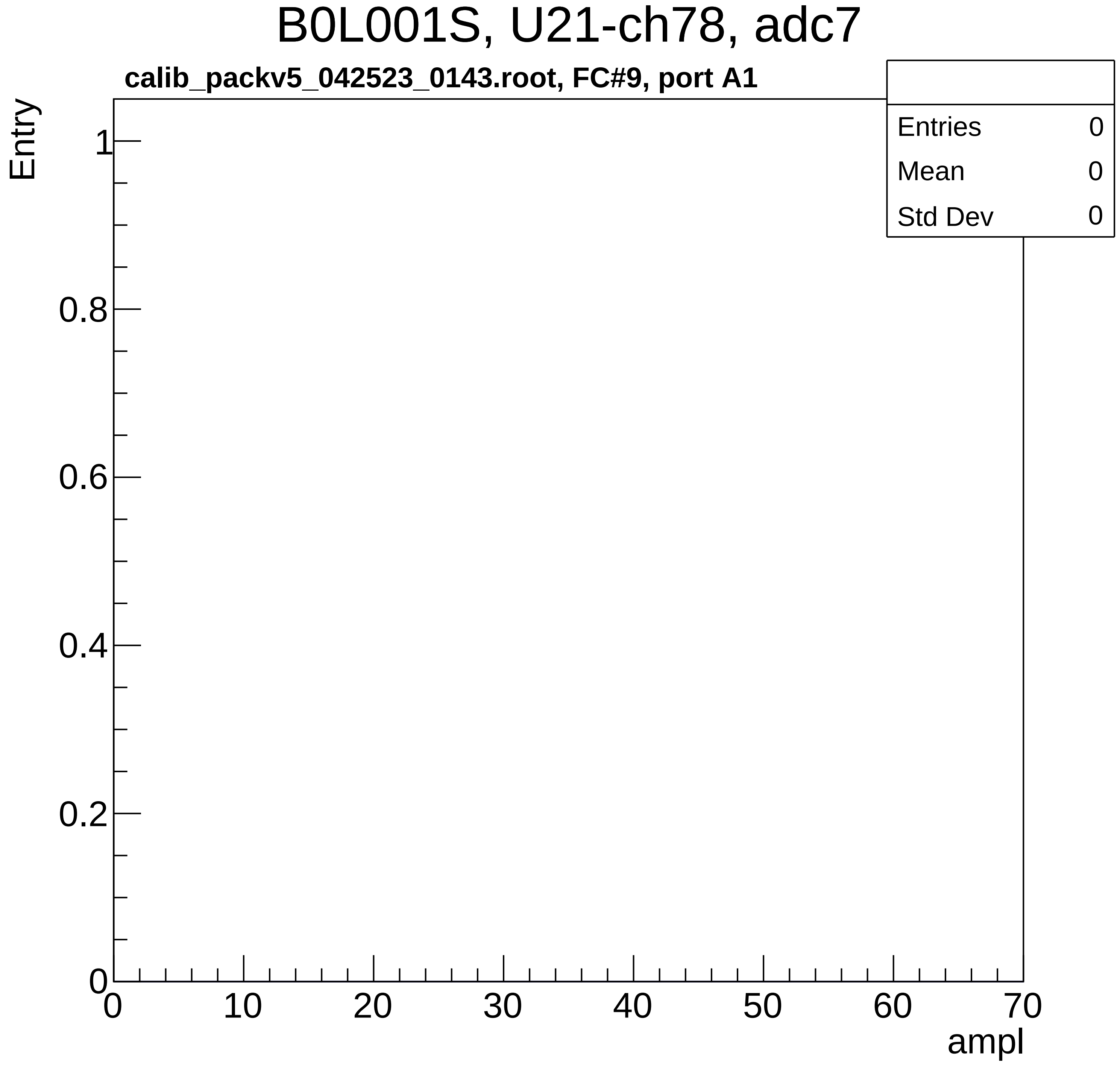


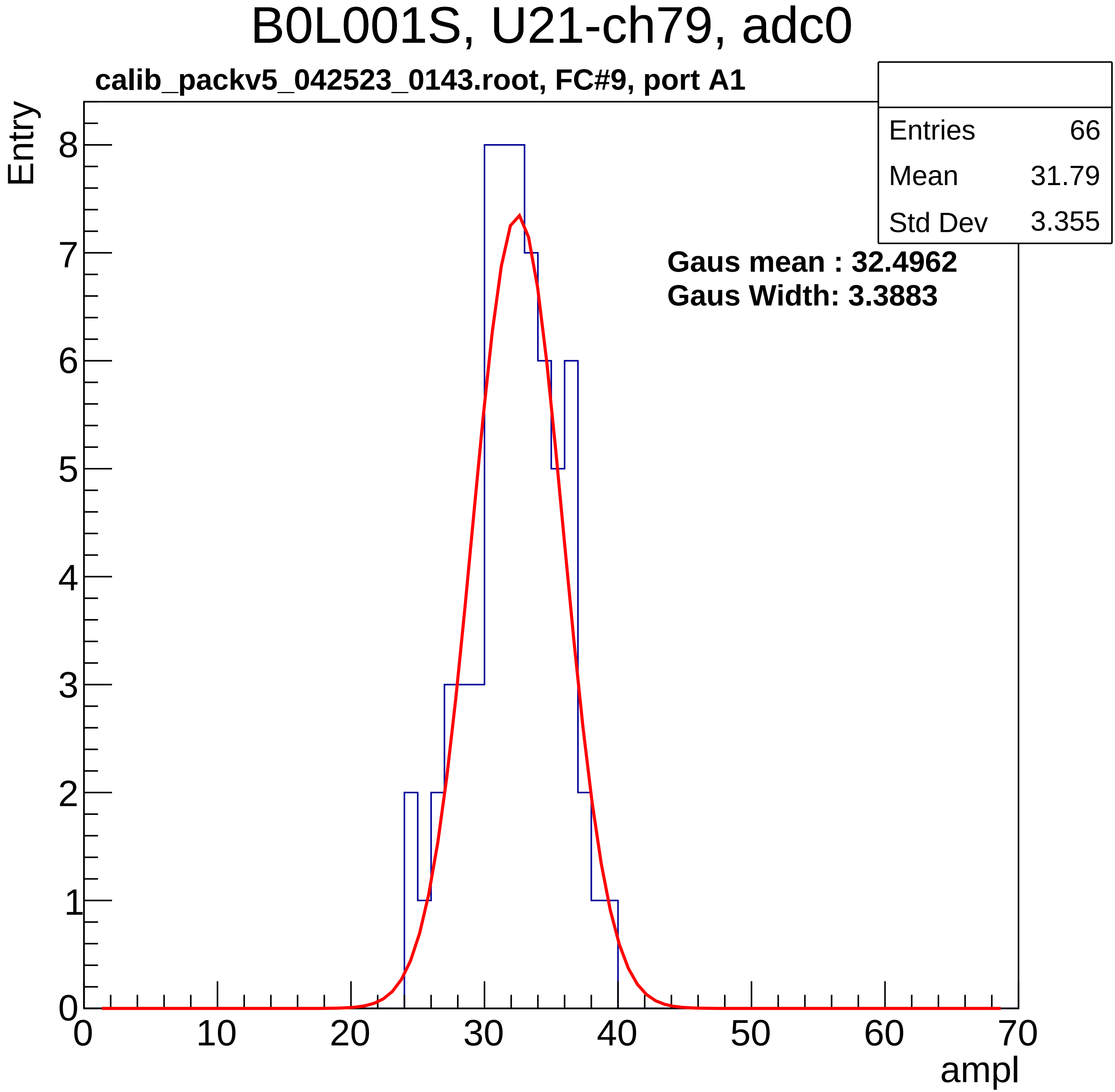
B0L001S, U21-ch78, adc5

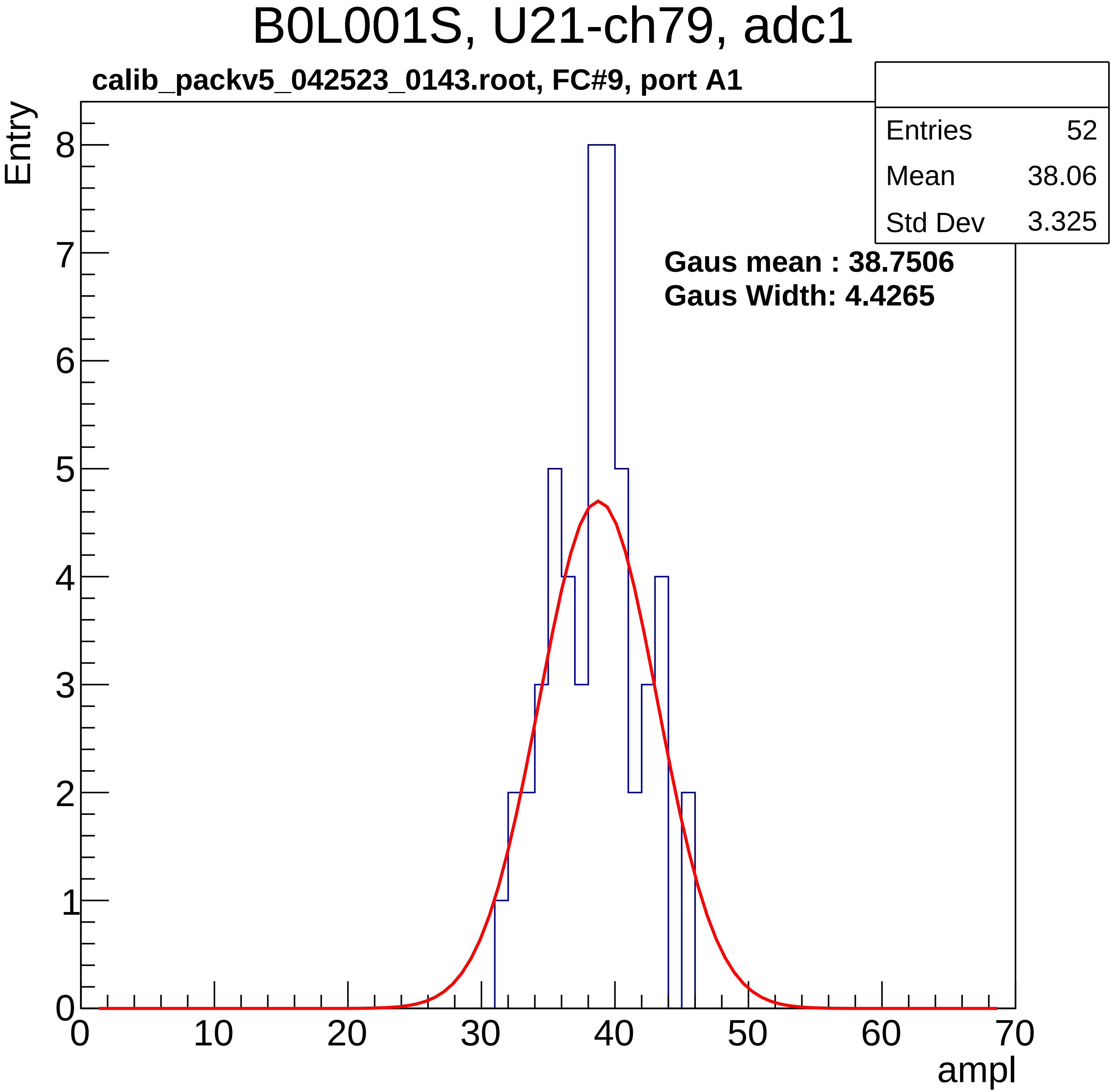


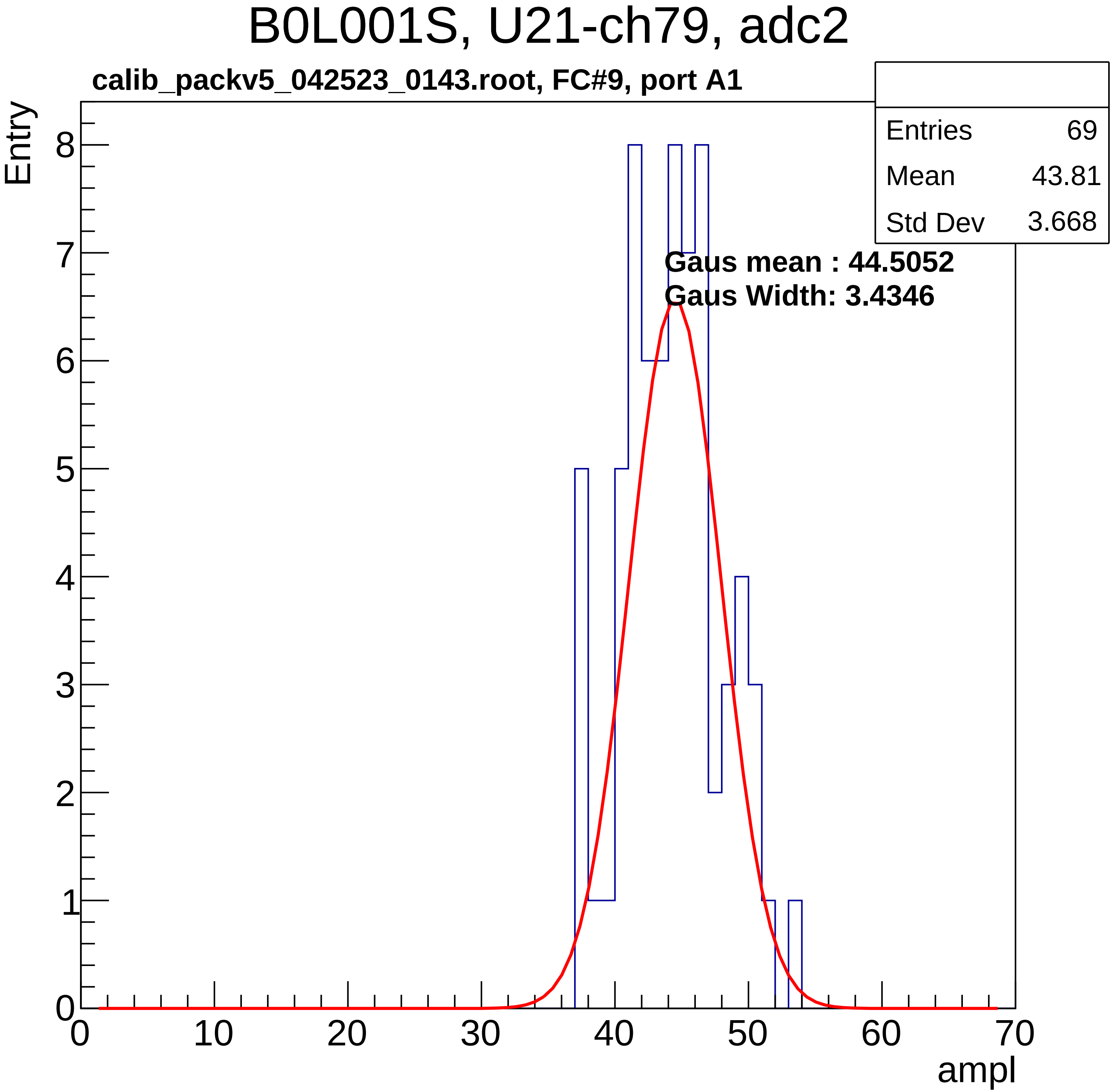
B0L001S, U21-ch78, adc6

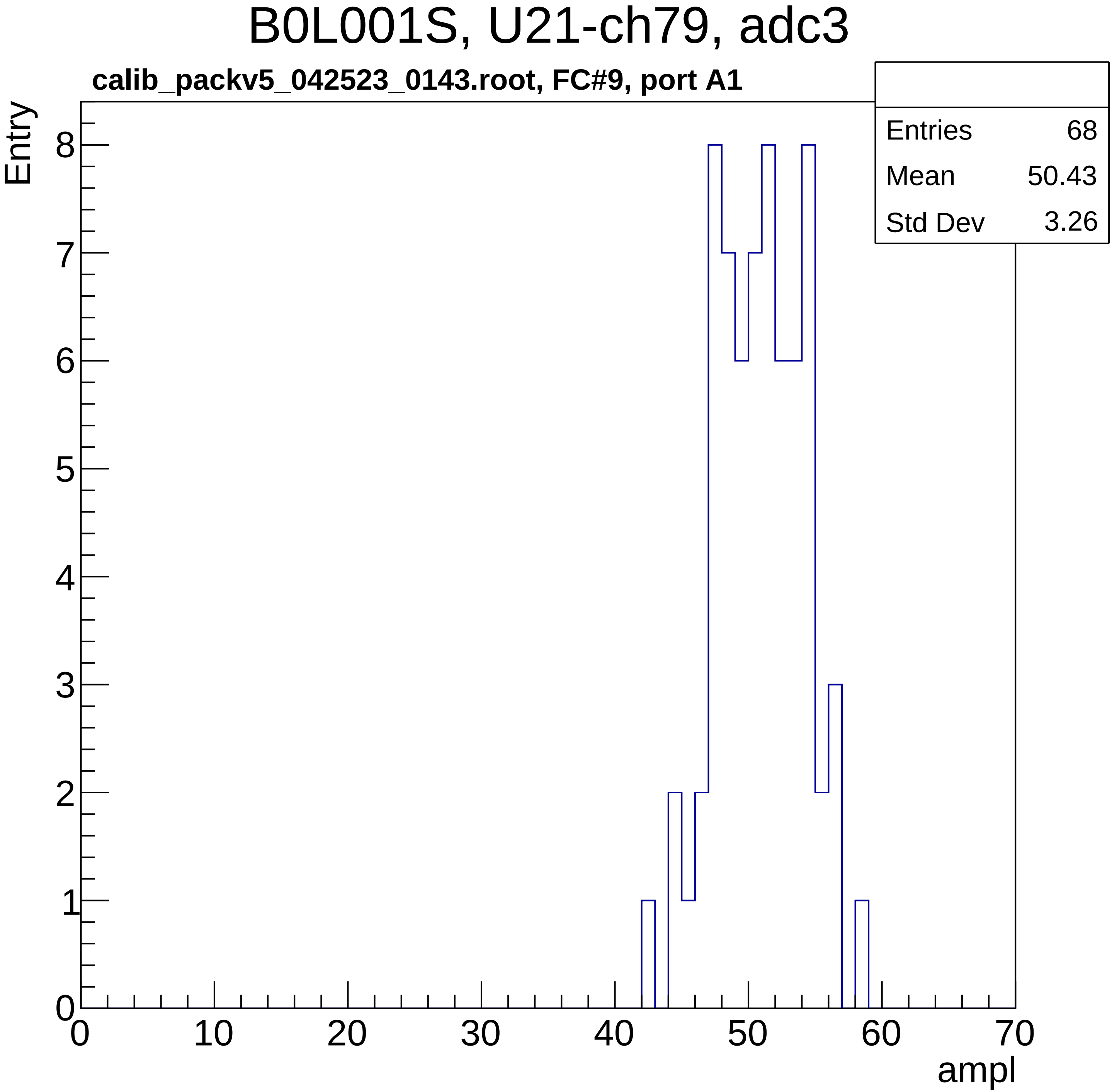


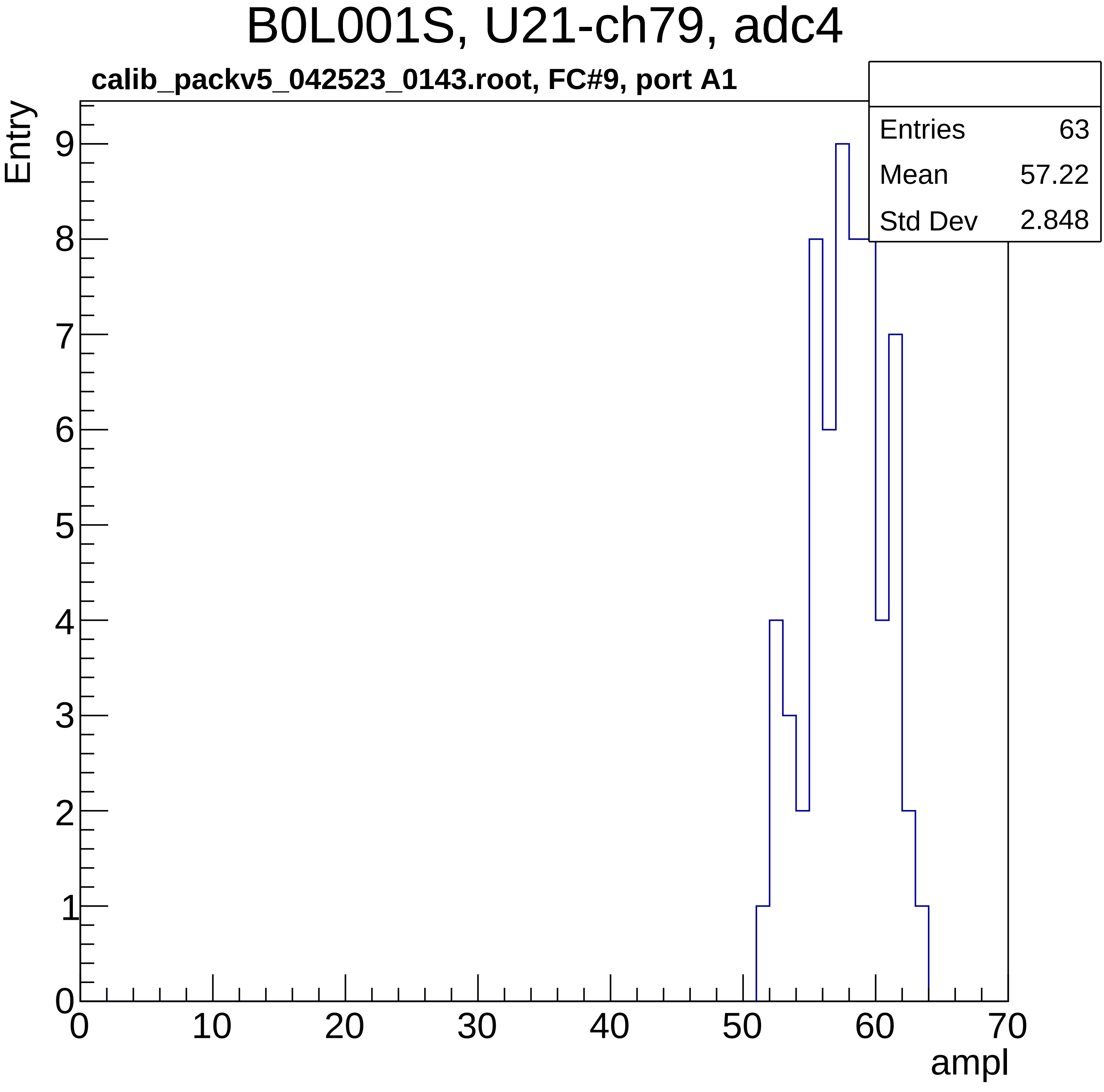

B0L001S, U21-ch78, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 0
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

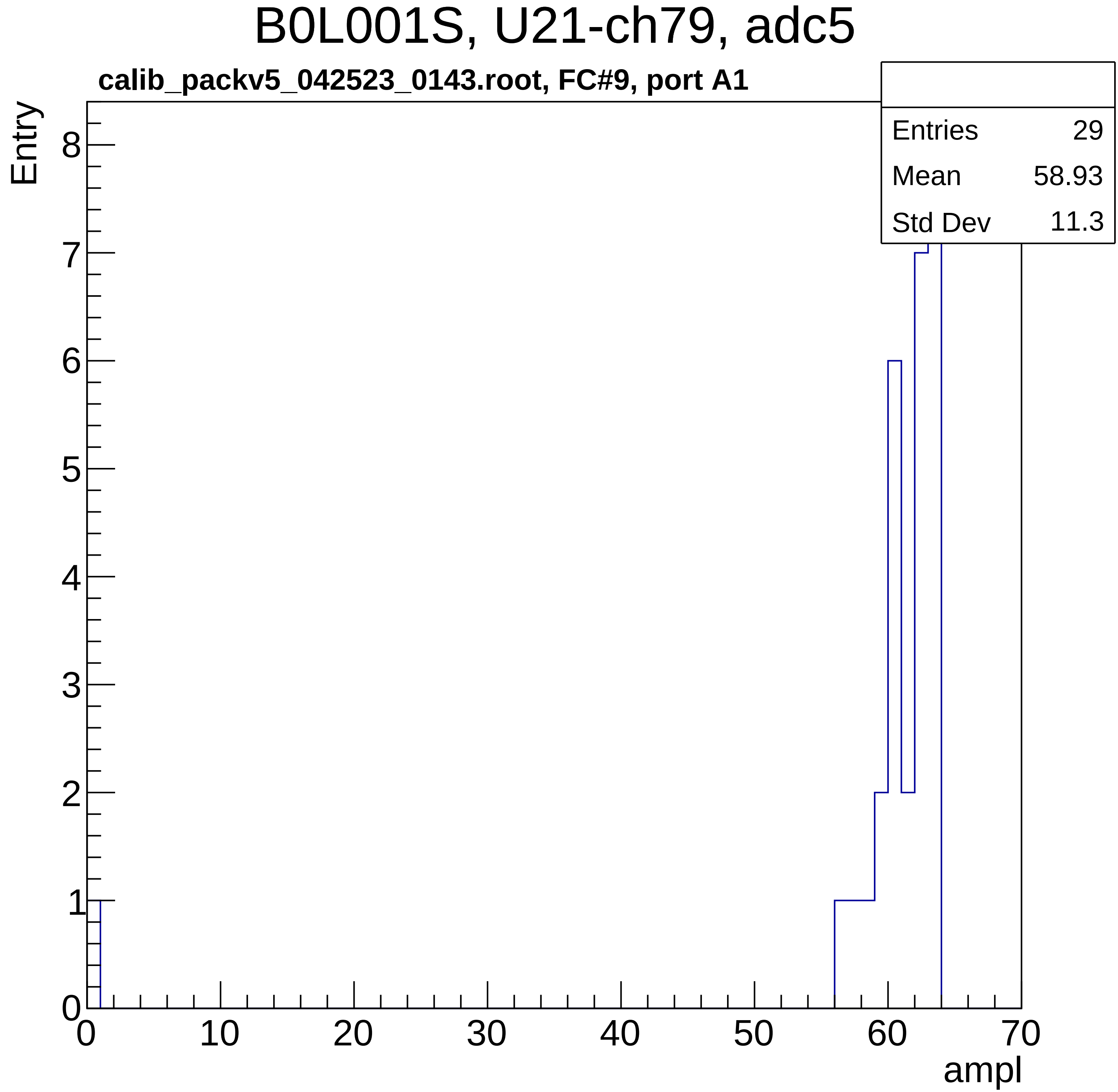

B0L001S, U21-ch79, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 31.79
Std Dev 3.355
Gaus mean : 32.4962
Gaus Width: 3.3883
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

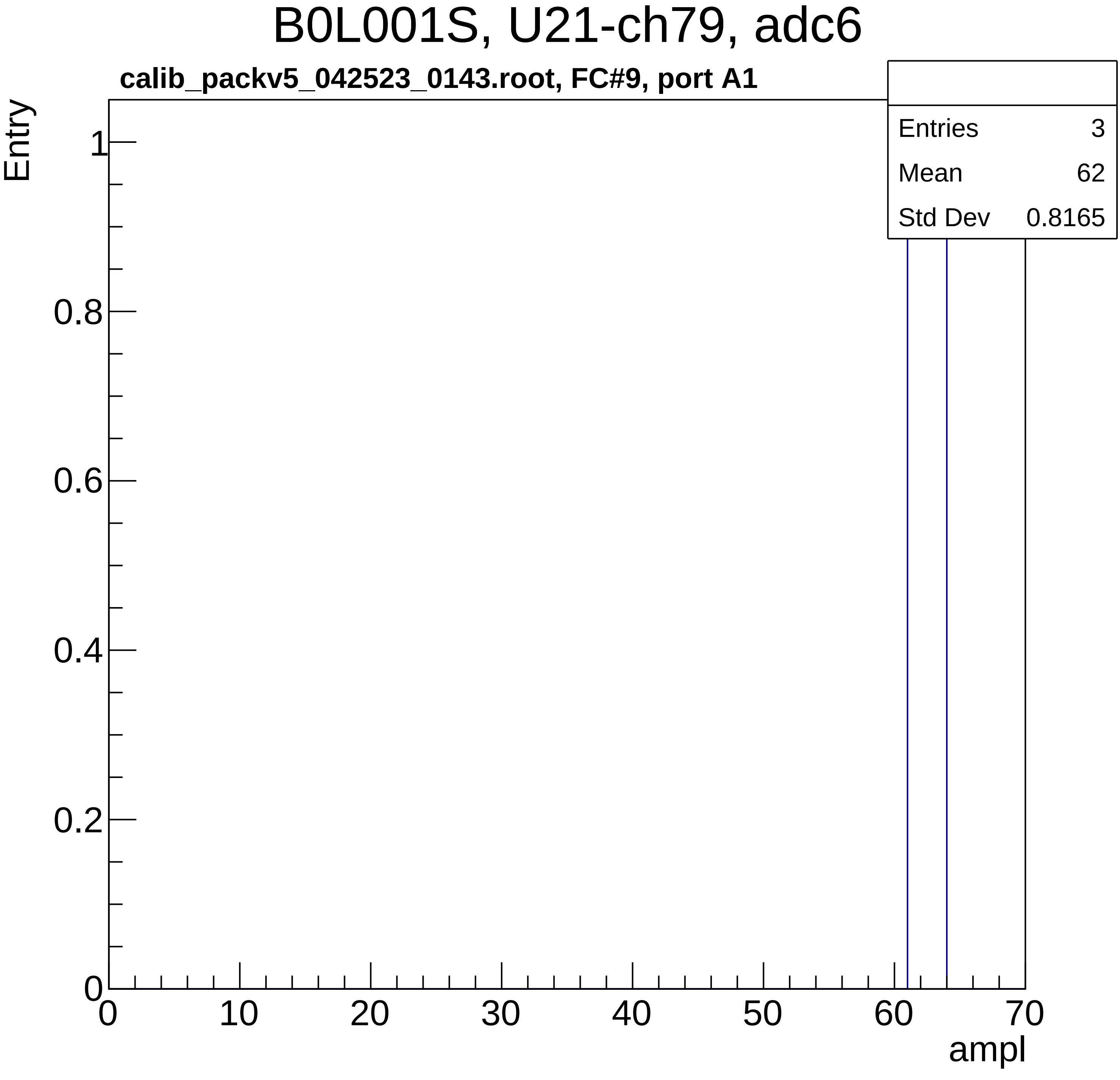

B0L001S, U21-ch79, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 52
Mean 38.06
Std Dev 3.325
Gaus mean : 38.7506
Gaus Width: 4.4265
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch79, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 43.81
Std Dev 3.668
Gaus mean : 44.5052
Gaus Width: 3.4346
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

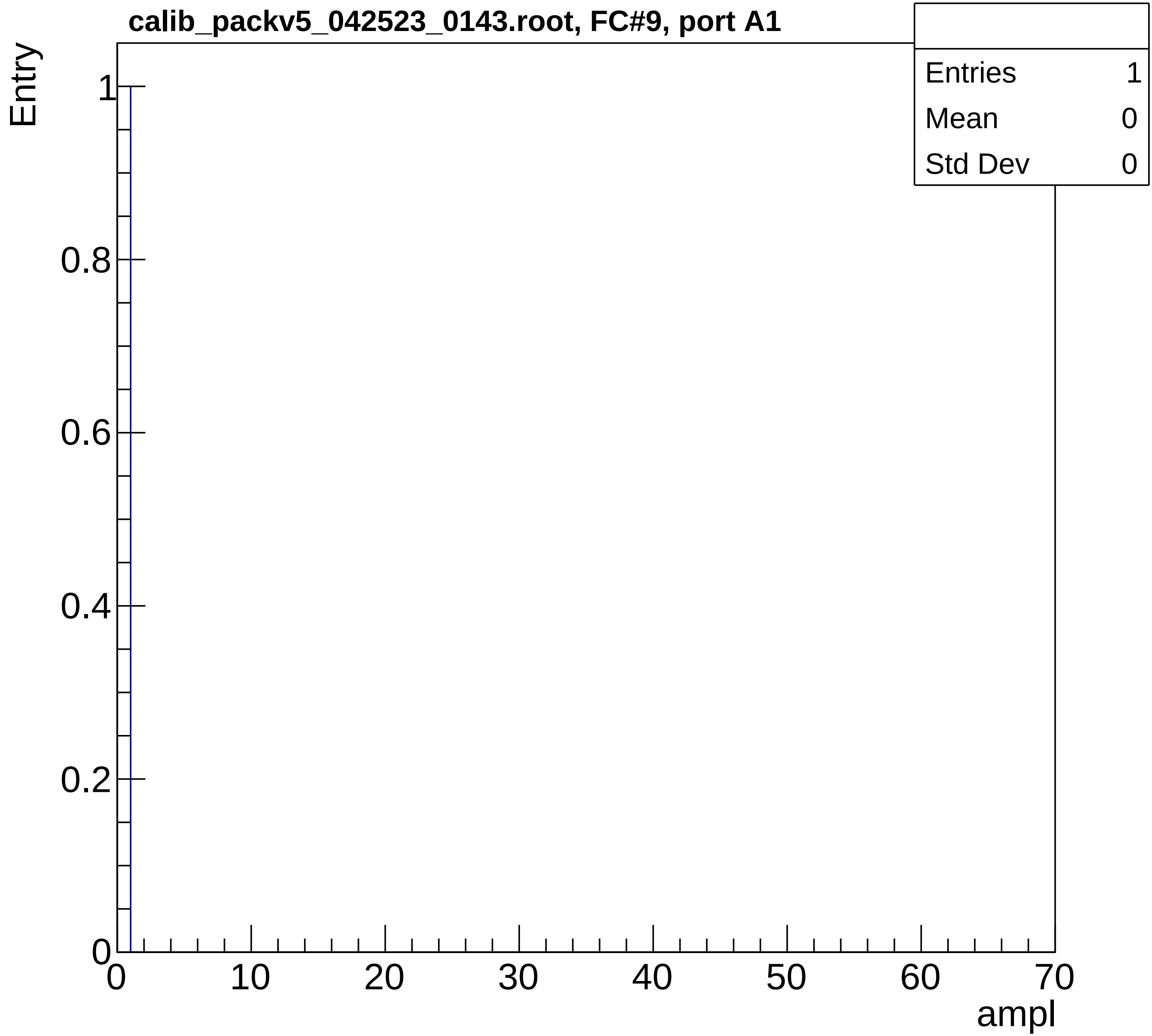

B0L001S, U21-ch79, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 50.43
Std Dev 3.26
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch79, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 57.22
Std Dev 2.848
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

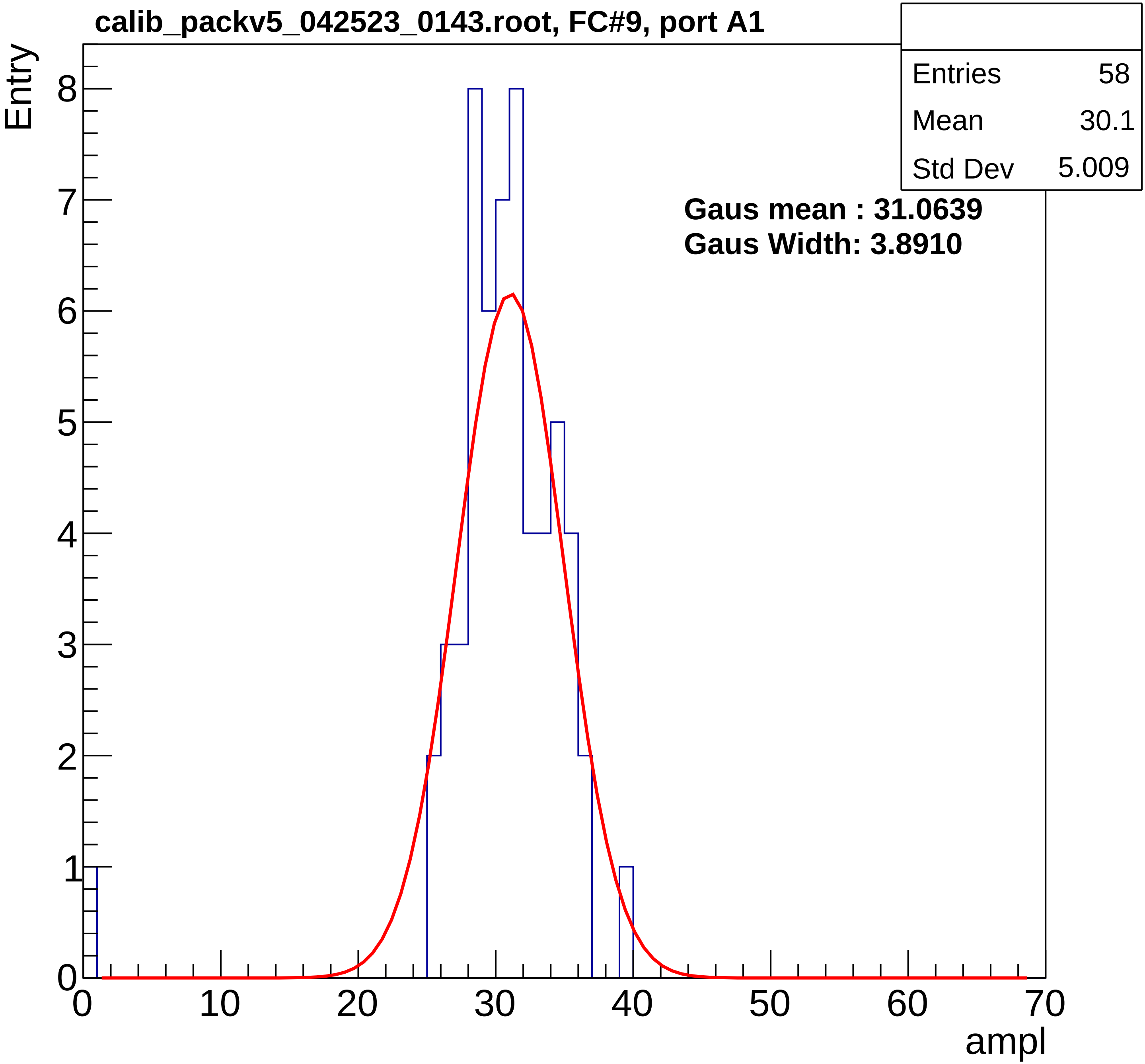

B0L001S, U21-ch79, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 58.93
Std Dev 11.3
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch79, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62
Std Dev 0.8165
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

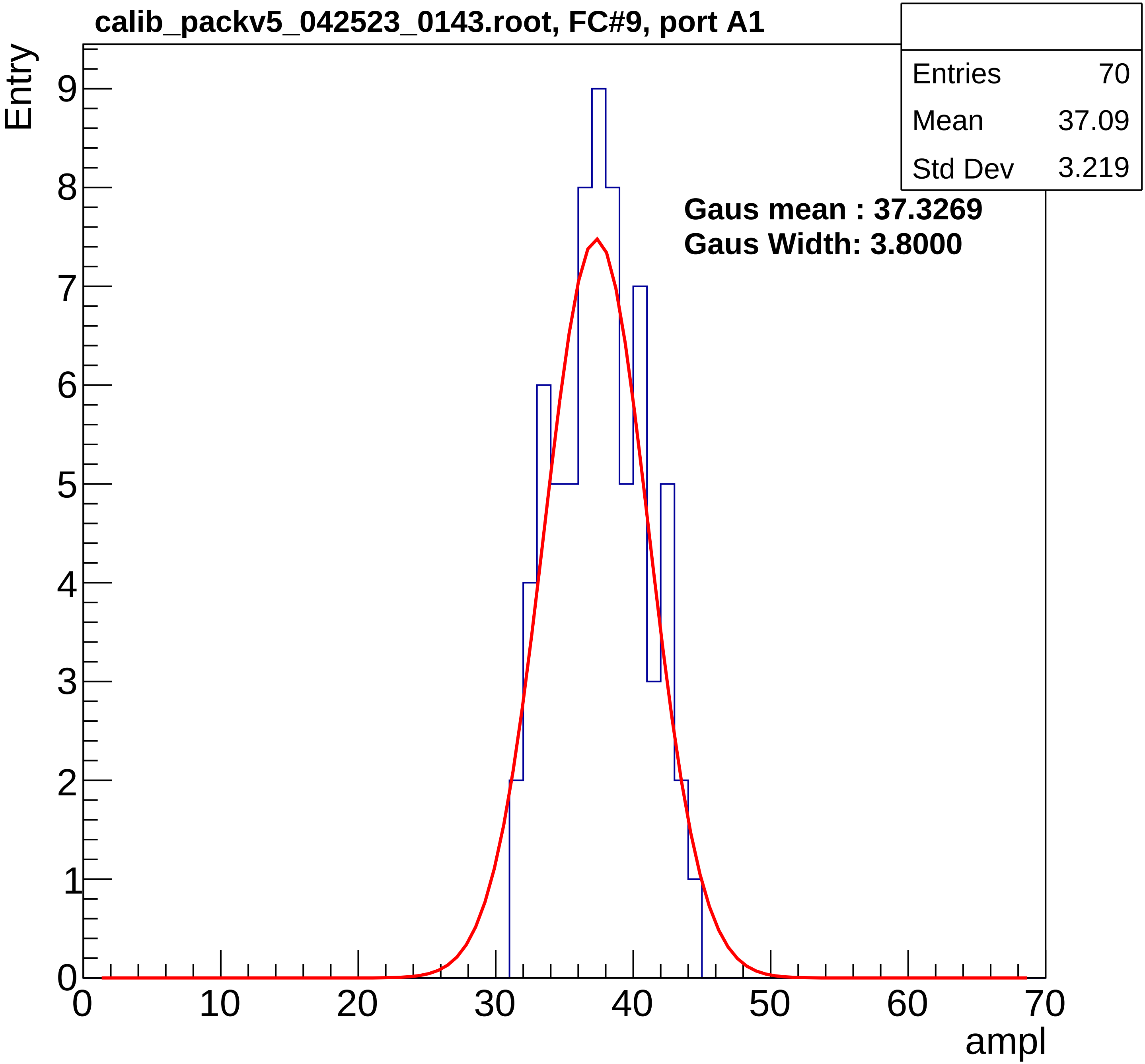
B0L001S, U21-ch79, adc7



B0L001S, U21-ch80, adc0

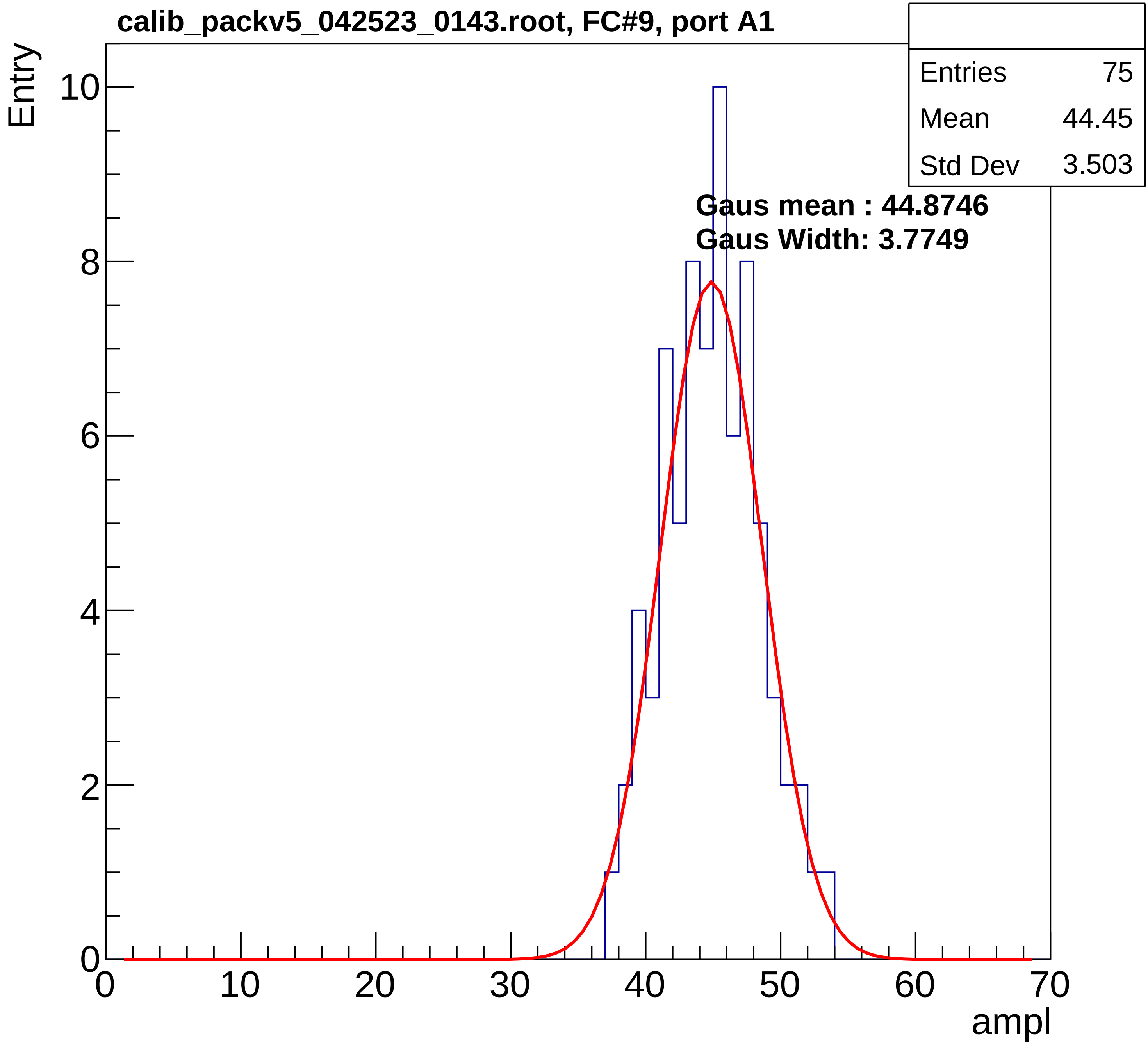


B0L001S, U21-ch80, adc1



B0L001S, U21-ch80, adc2

calib_packv5_042523_0143.root, FC#9, port A1

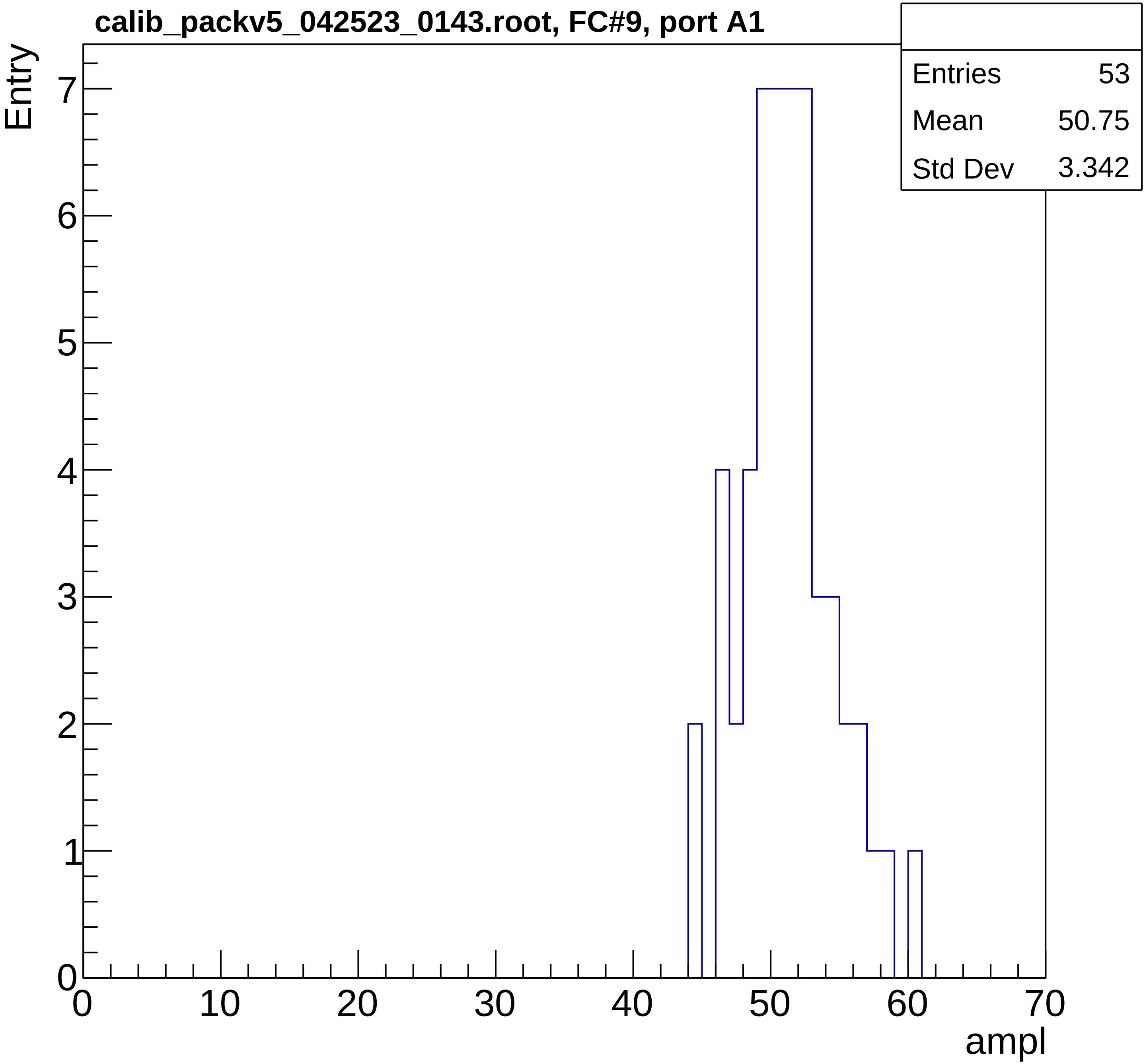


Gaus mean : 44.8746

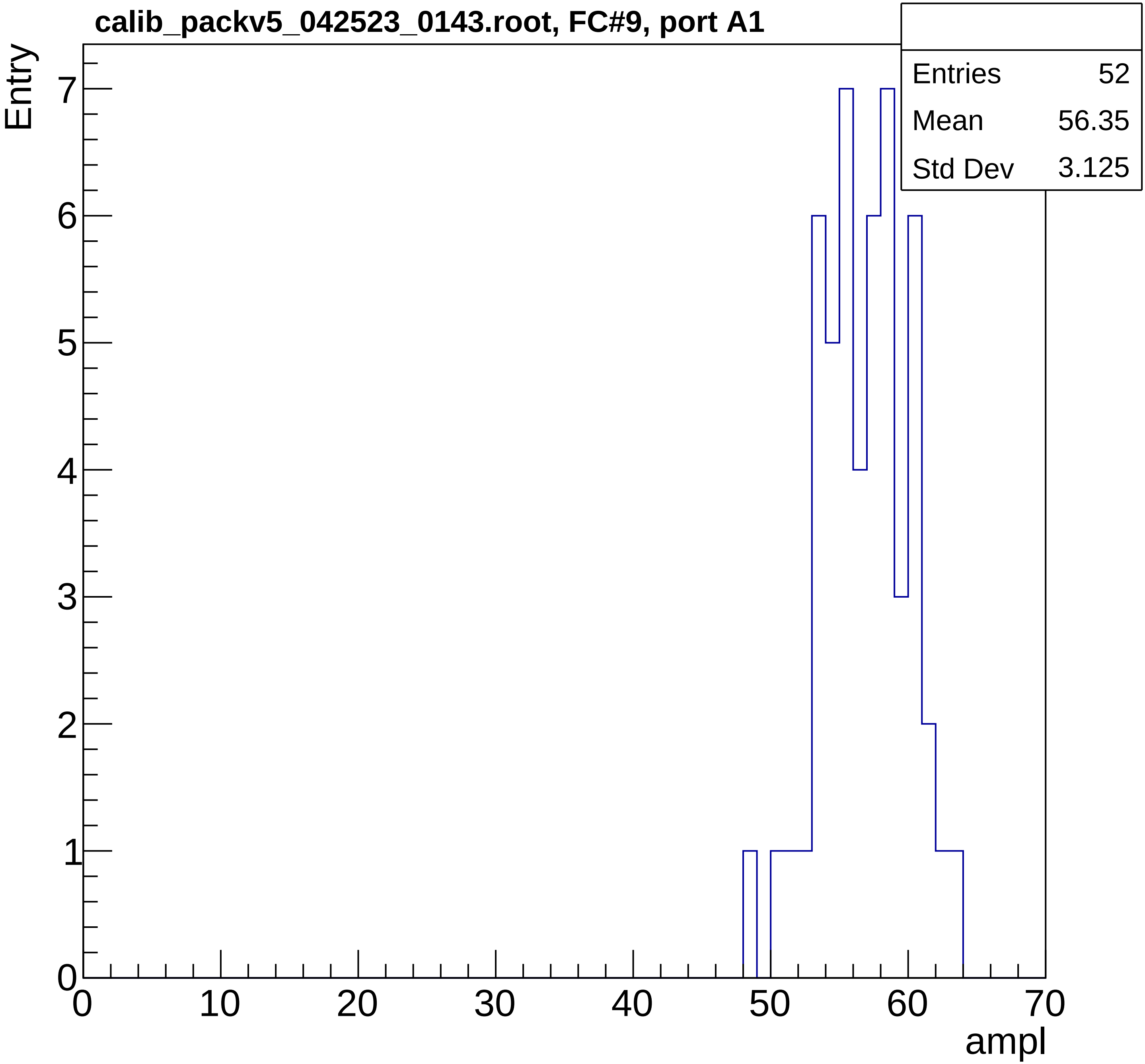
Gaus Width: 3.7749

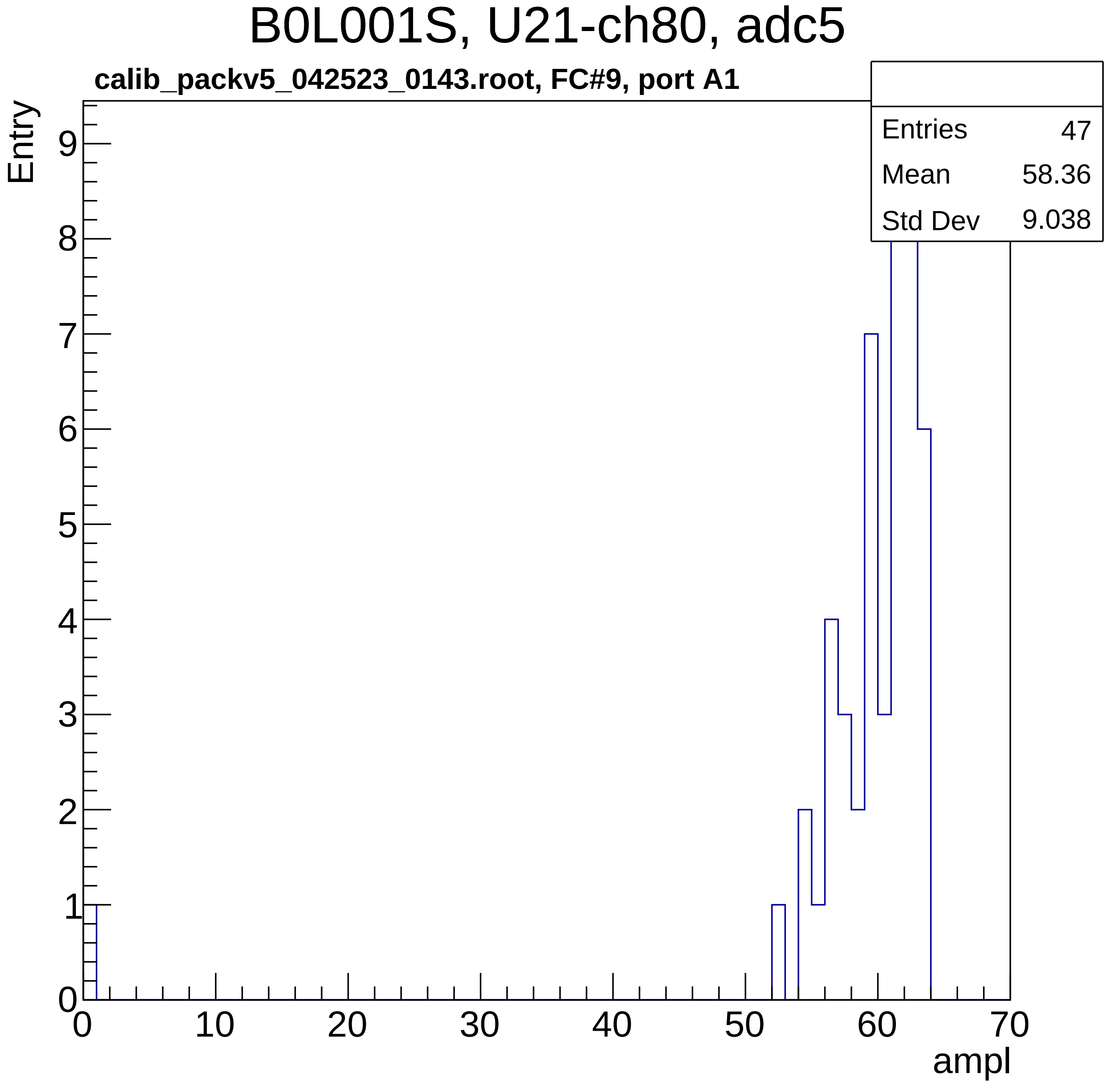
B0L001S, U21-ch80, adc3

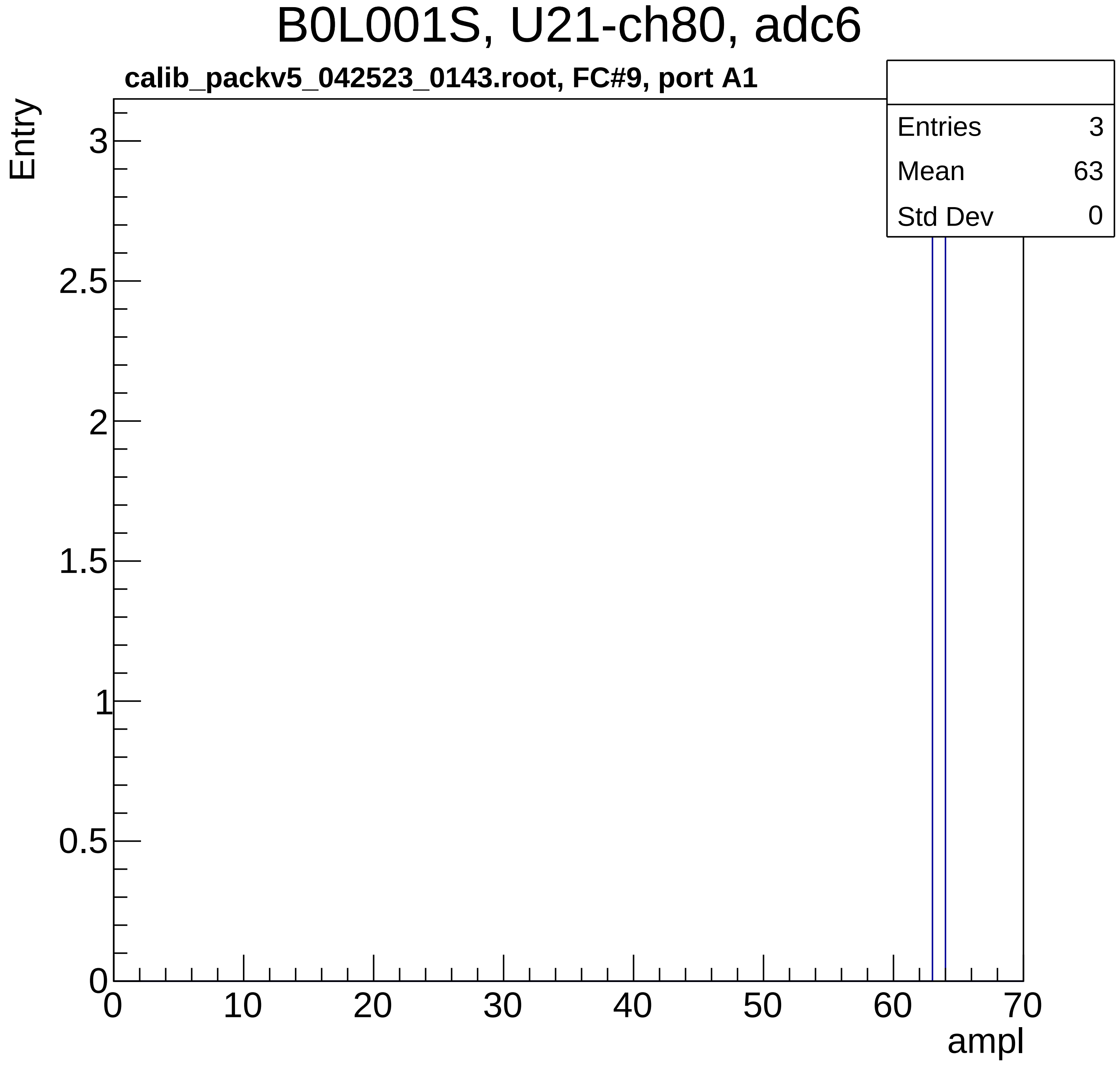
calib_packv5_042523_0143.root, FC#9, port A1

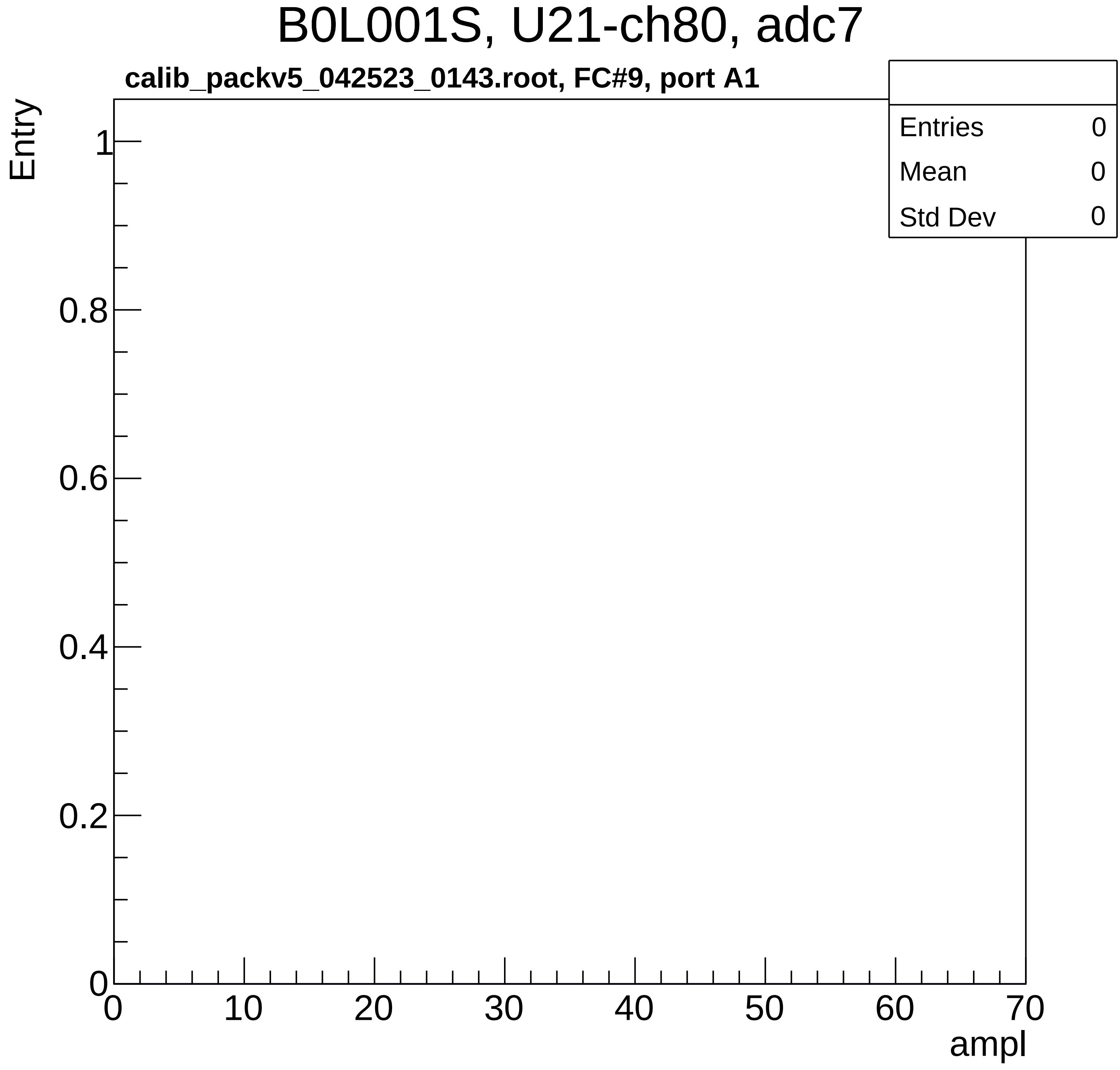


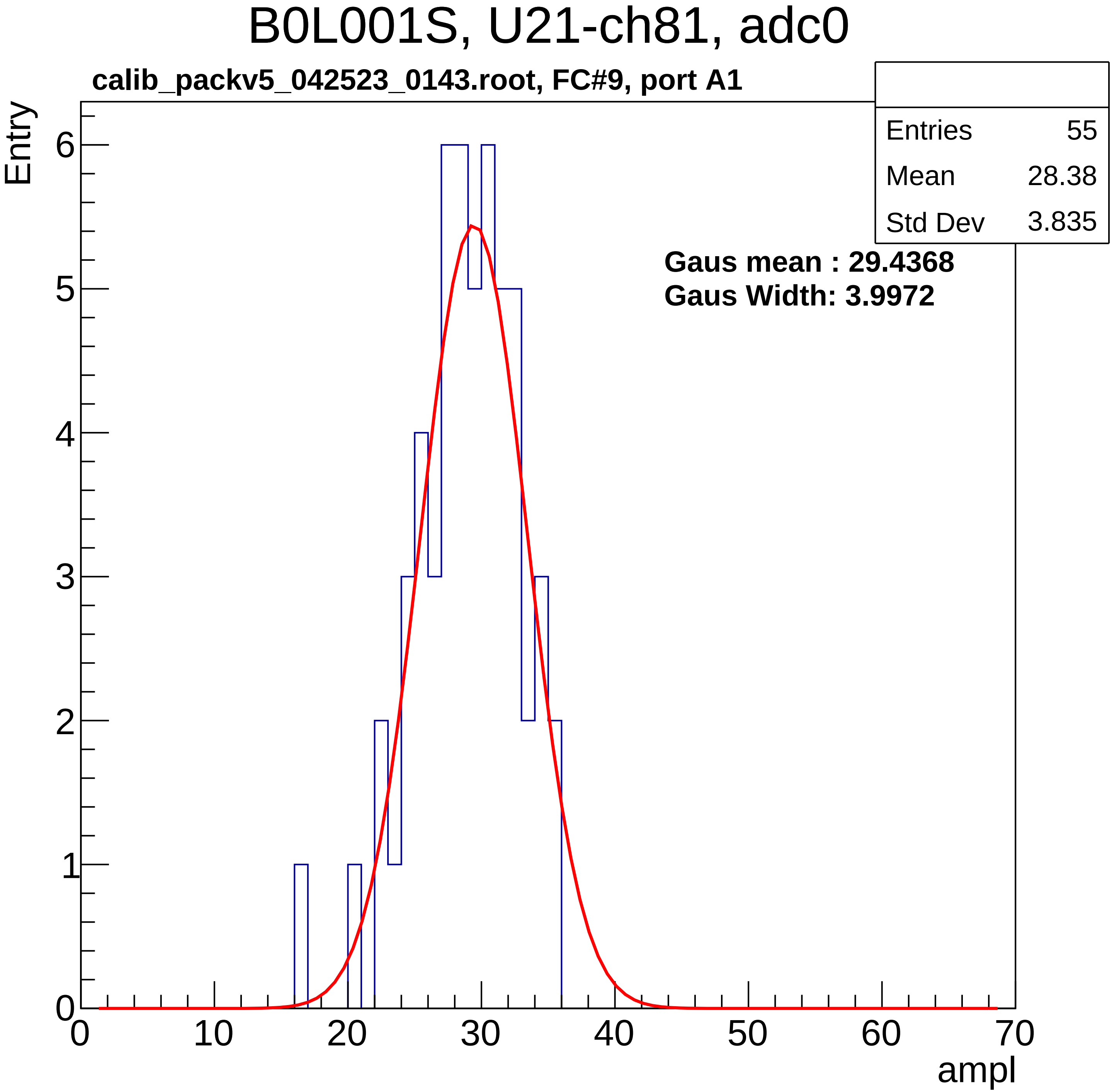
B0L001S, U21-ch80, adc4

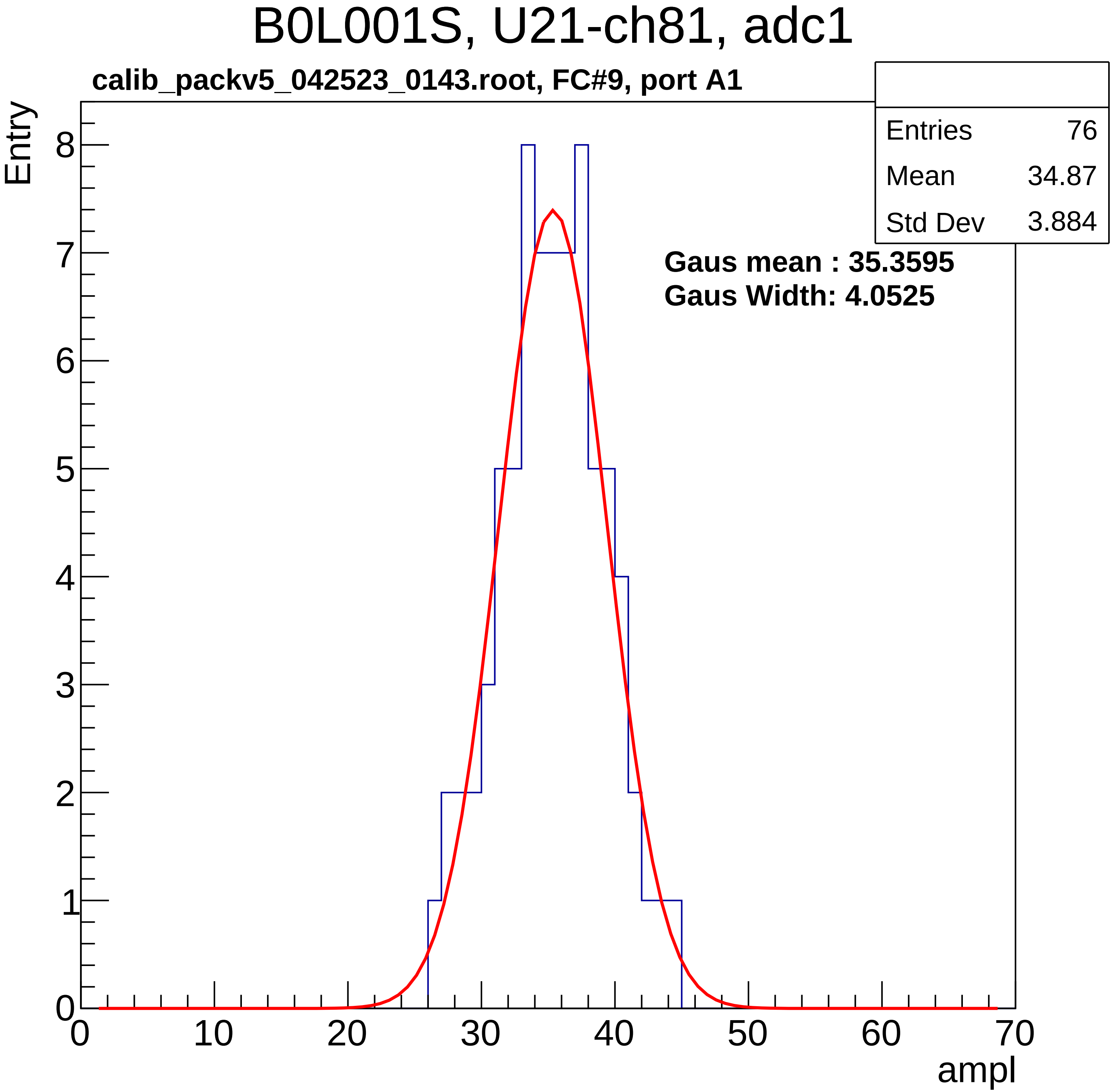


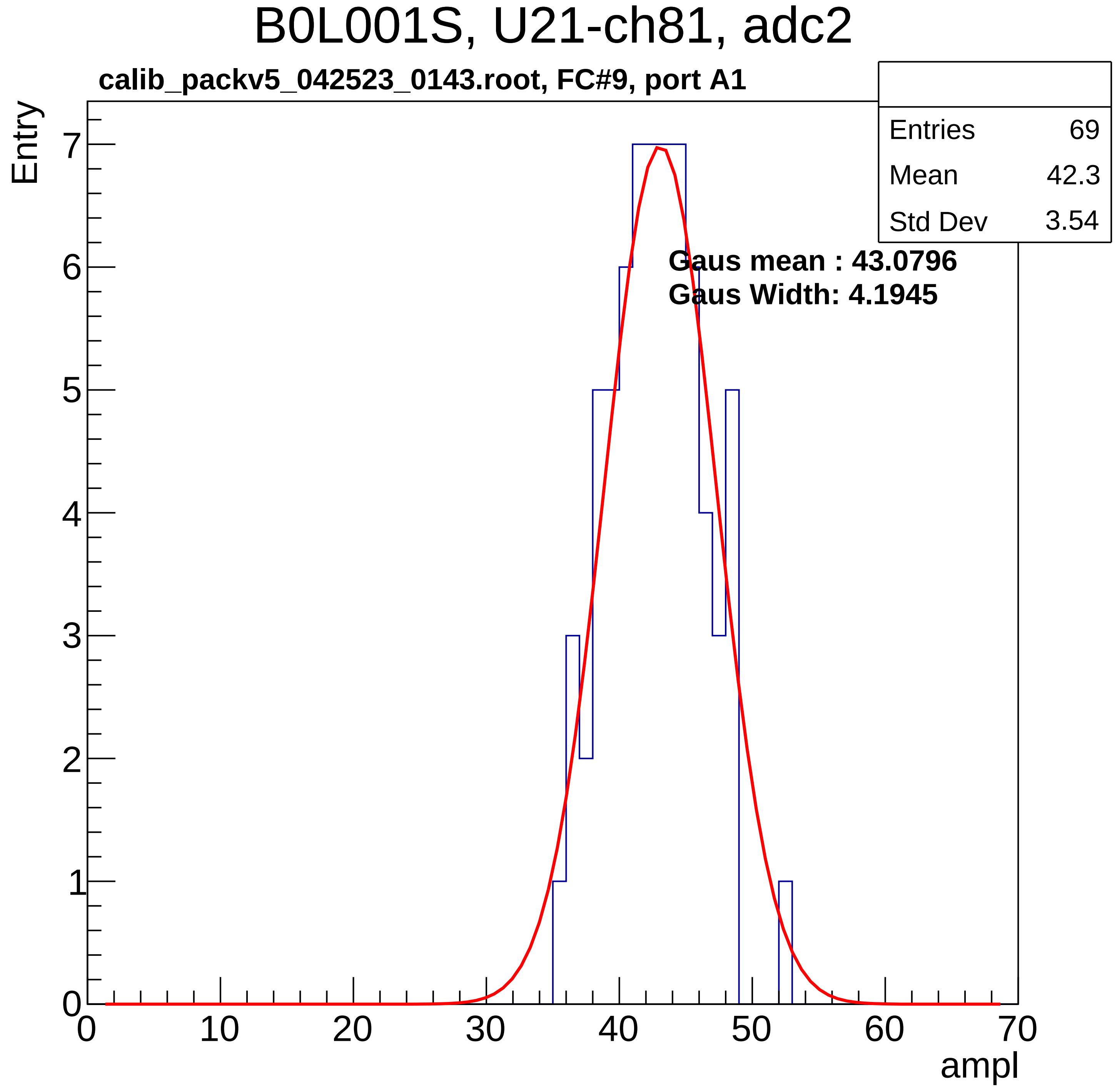

B0L001S, U21-ch80, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 58.36
Std Dev 9.038
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch80, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

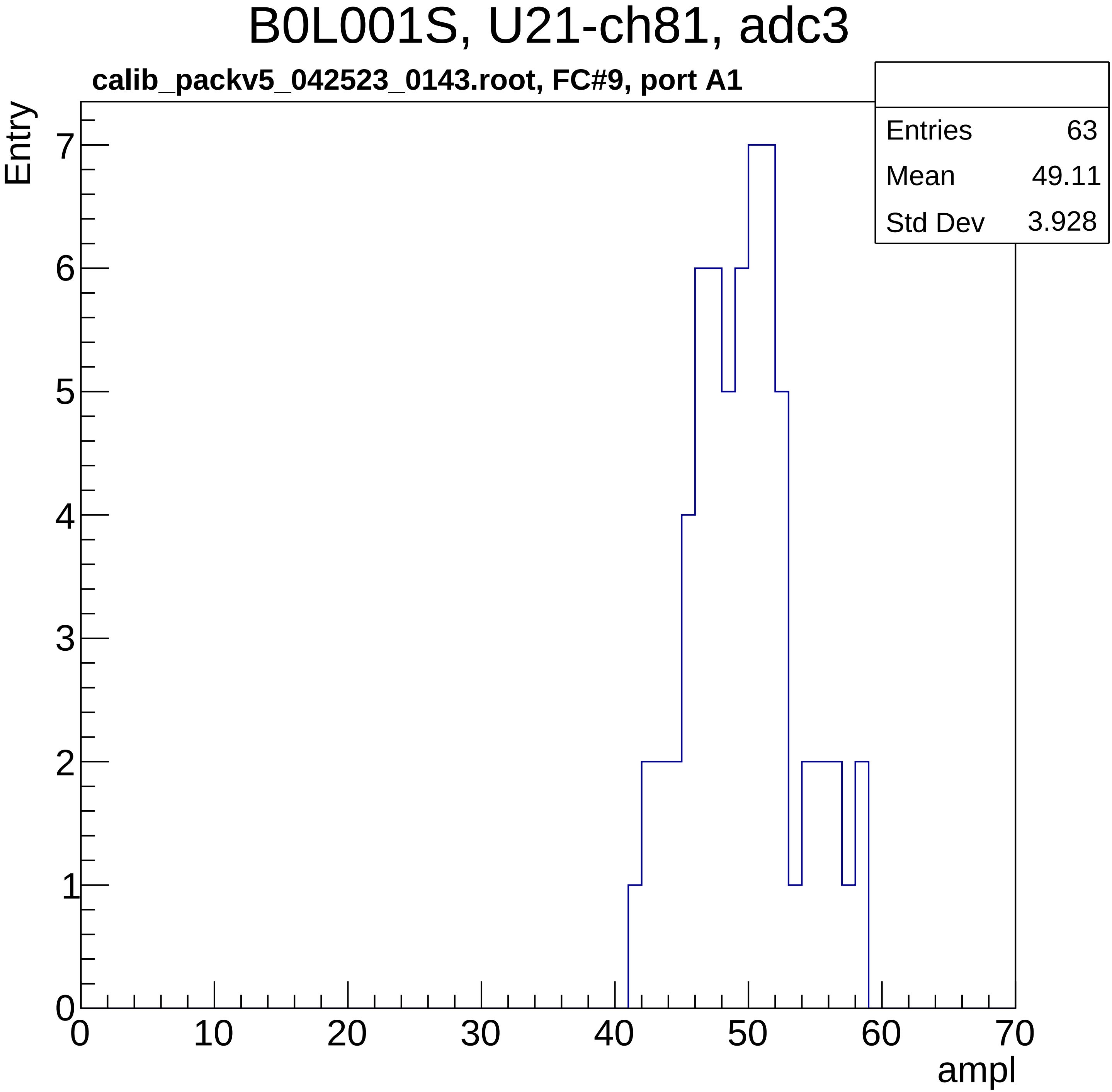

B0L001S, U21-ch80, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 0
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B0L001S, U21-ch81, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 28.38
Std Dev 3.835
Gaus mean : 29.4368
Gaus Width: 3.9972
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

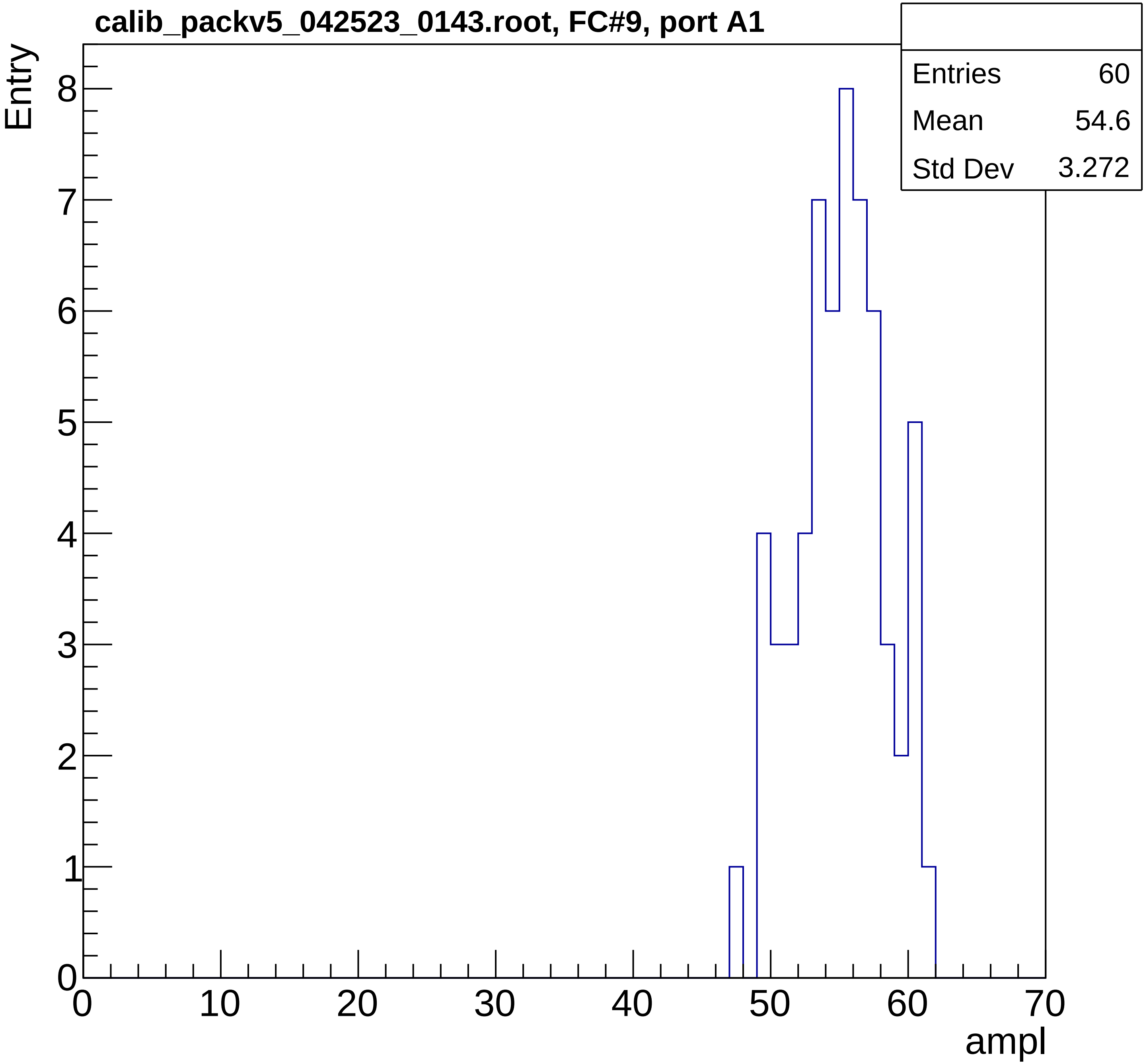

B0L001S, U21-ch81, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 34.87
Std Dev 3.884
Gaus mean : 35.3595
Gaus Width: 4.0525
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

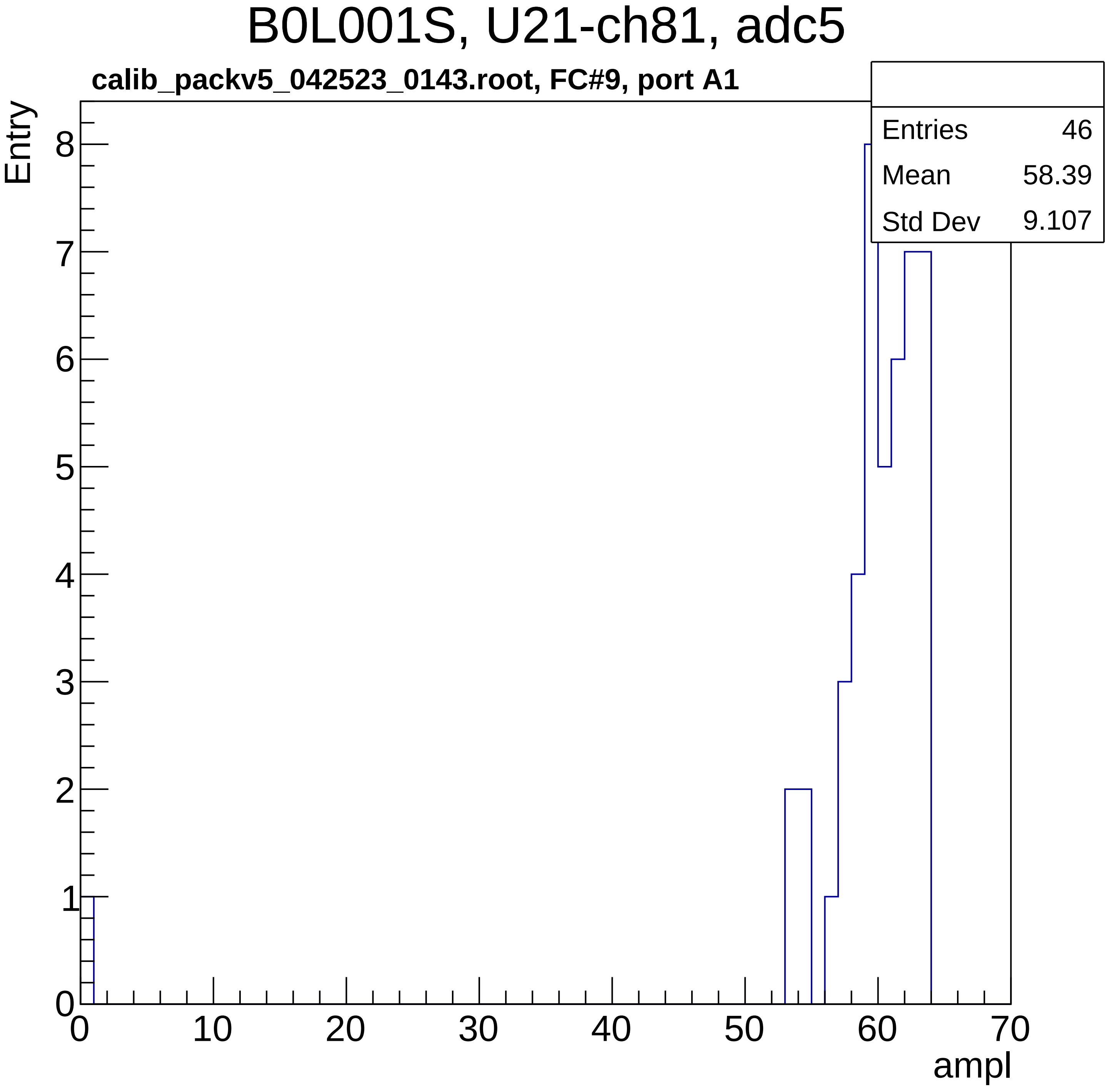


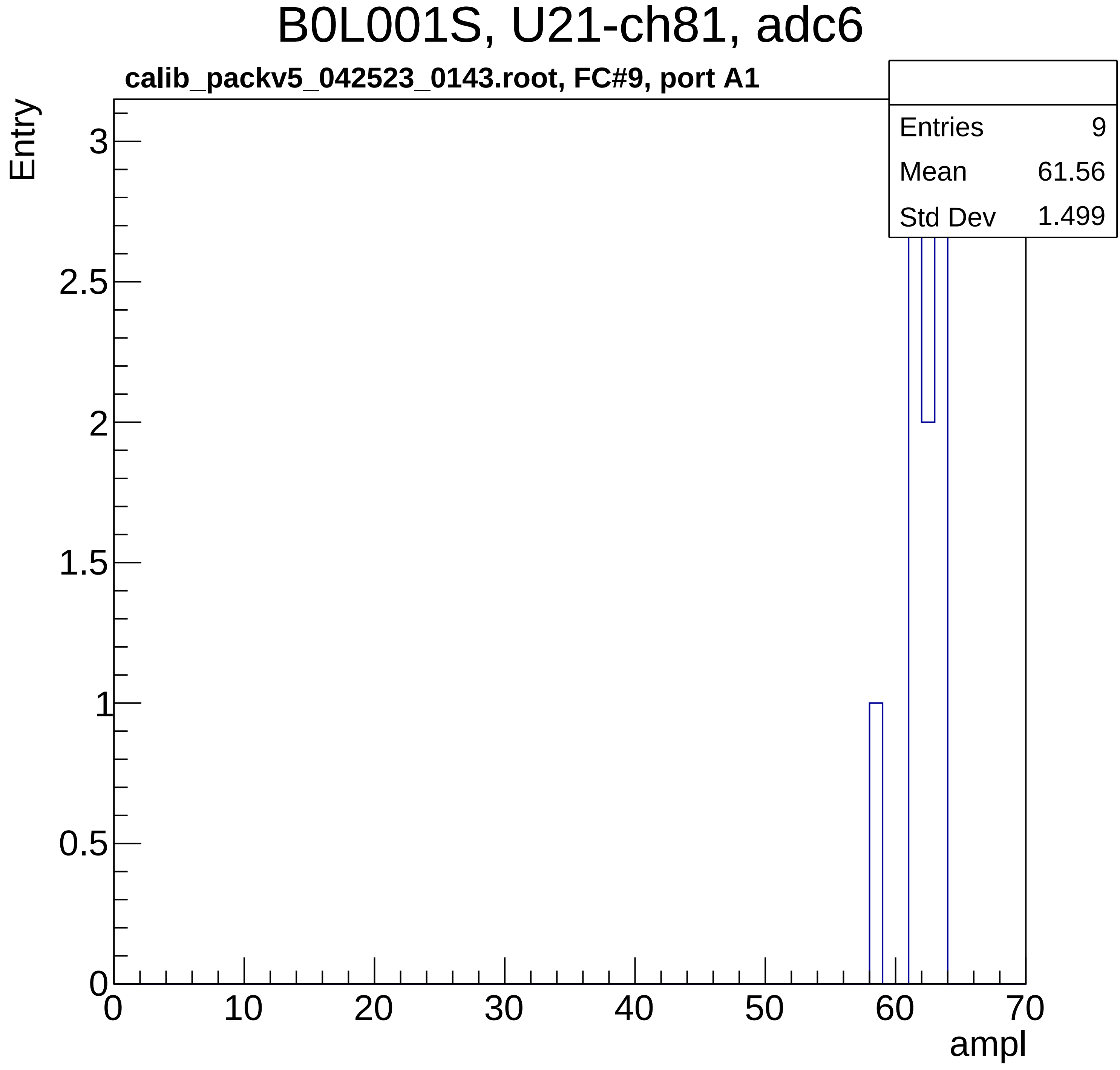
B0L001S, U21-ch81, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 42.3
Std Dev 3.54
Gaus mean : 43.0796
Gaus Width: 4.1945
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

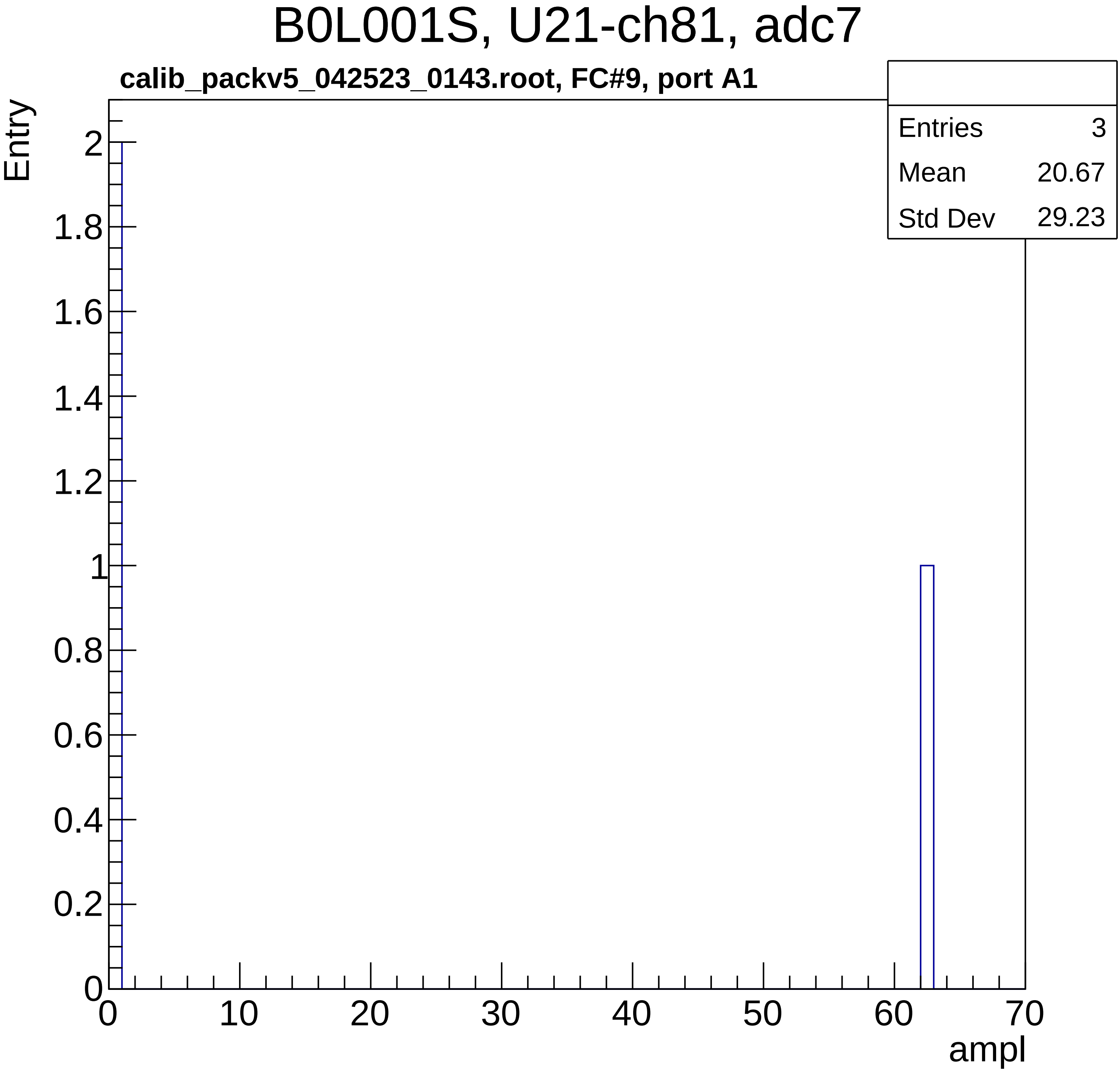

B0L001S, U21-ch81, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 49.11
Std Dev 3.928
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

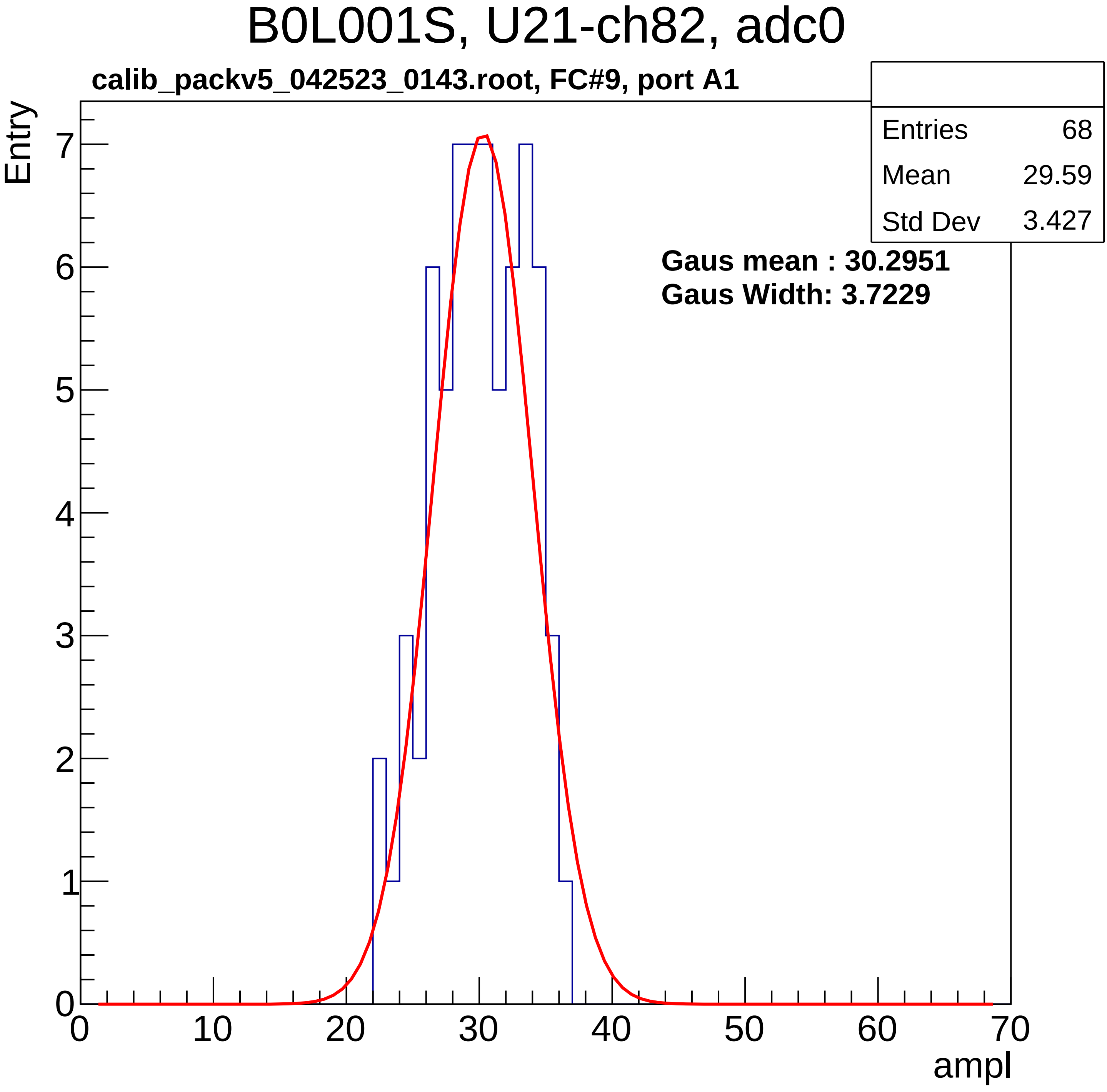
B0L001S, U21-ch81, adc4

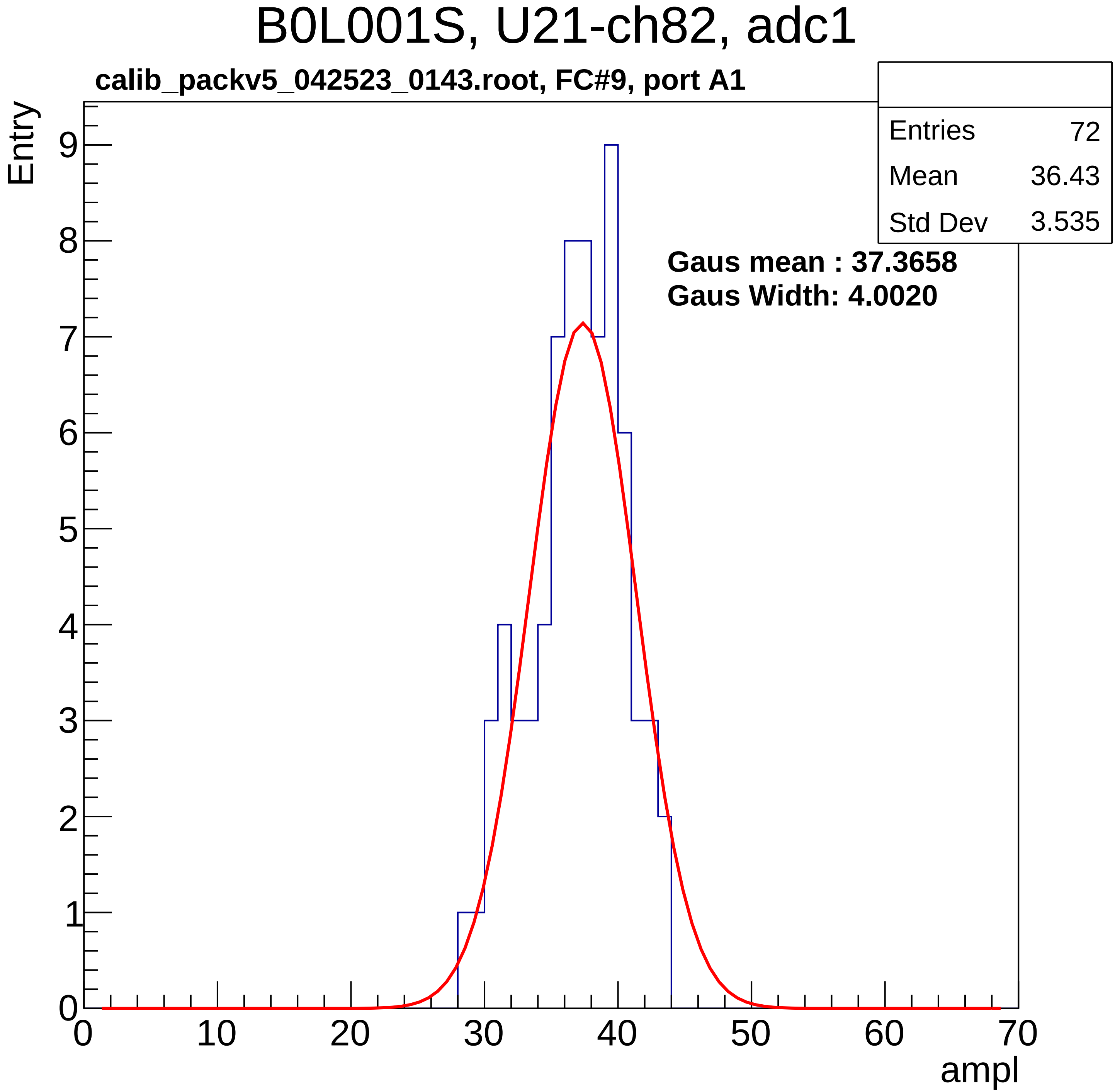


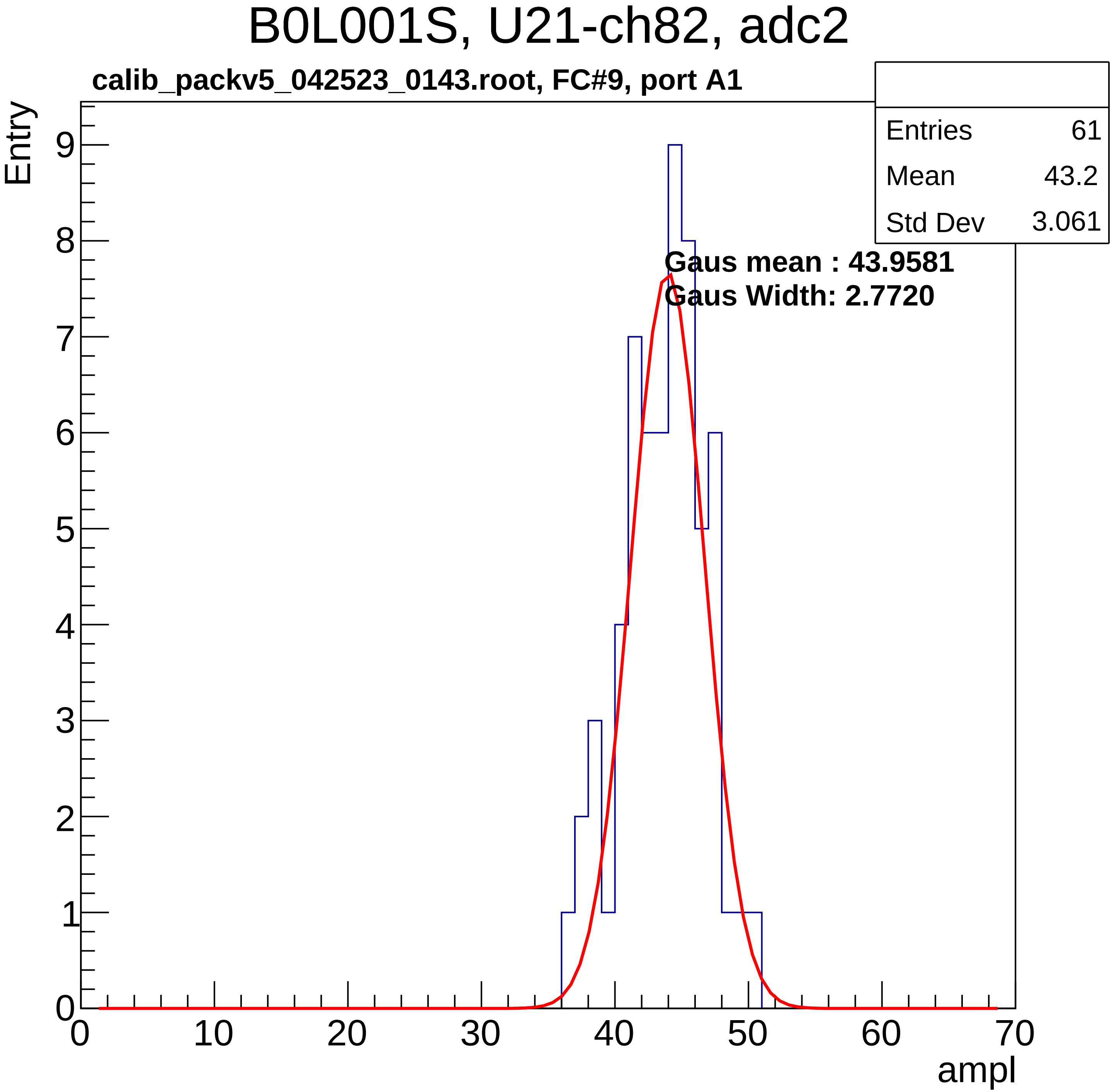

B0L001S, U21-ch81, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 58.39
Std Dev 9.107
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

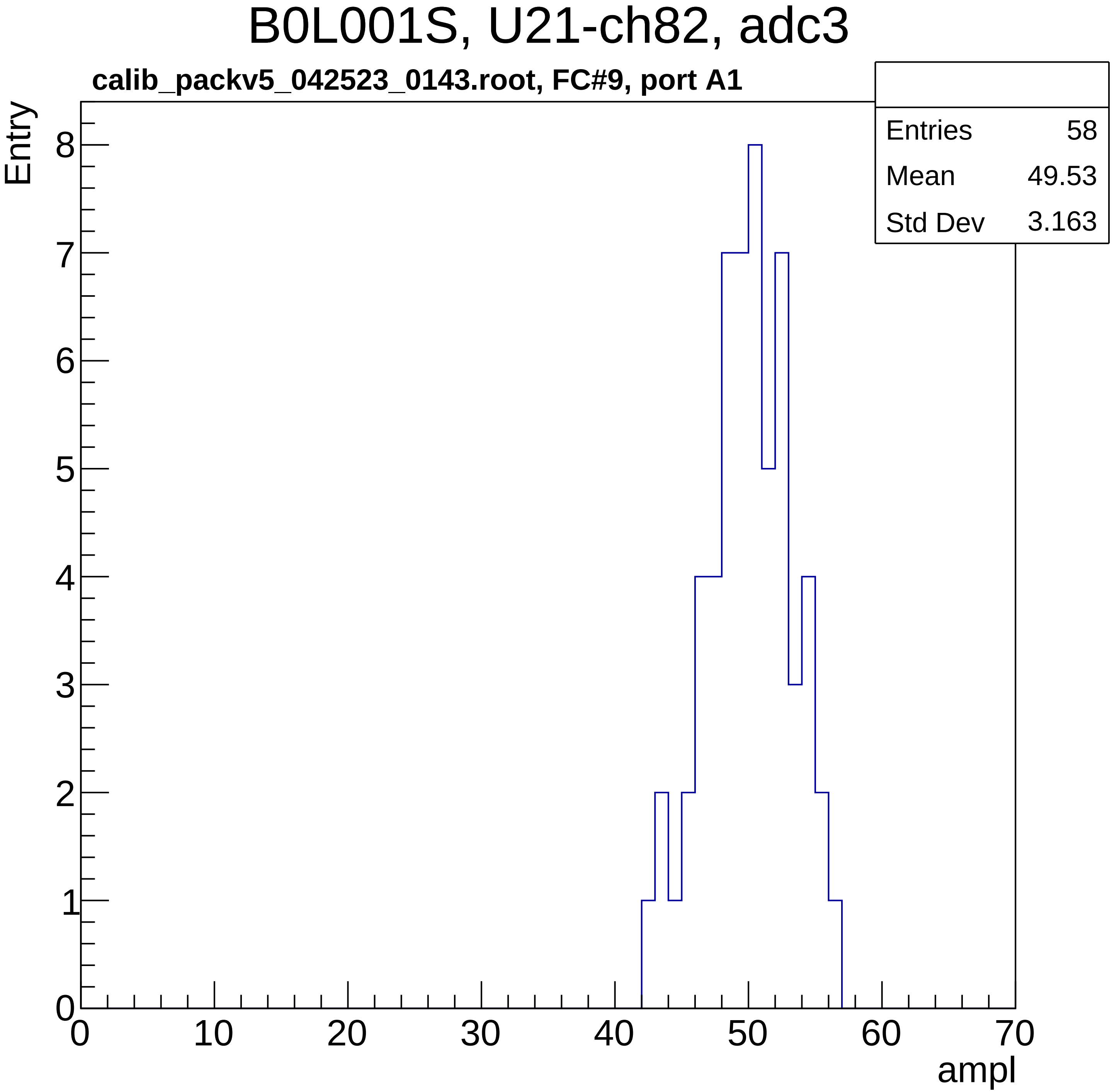

B0L001S, U21-ch81, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 9
Mean 61.56
Std Dev 1.499
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U21-ch81, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 20.67
Std Dev 29.23
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


B0L001S, U21-ch82, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 29.59
Std Dev 3.427
Gaus mean : 30.2951
Gaus Width: 3.7229
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch82, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 36.43
Std Dev 3.535
Gaus mean : 37.3658
Gaus Width: 4.0020
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

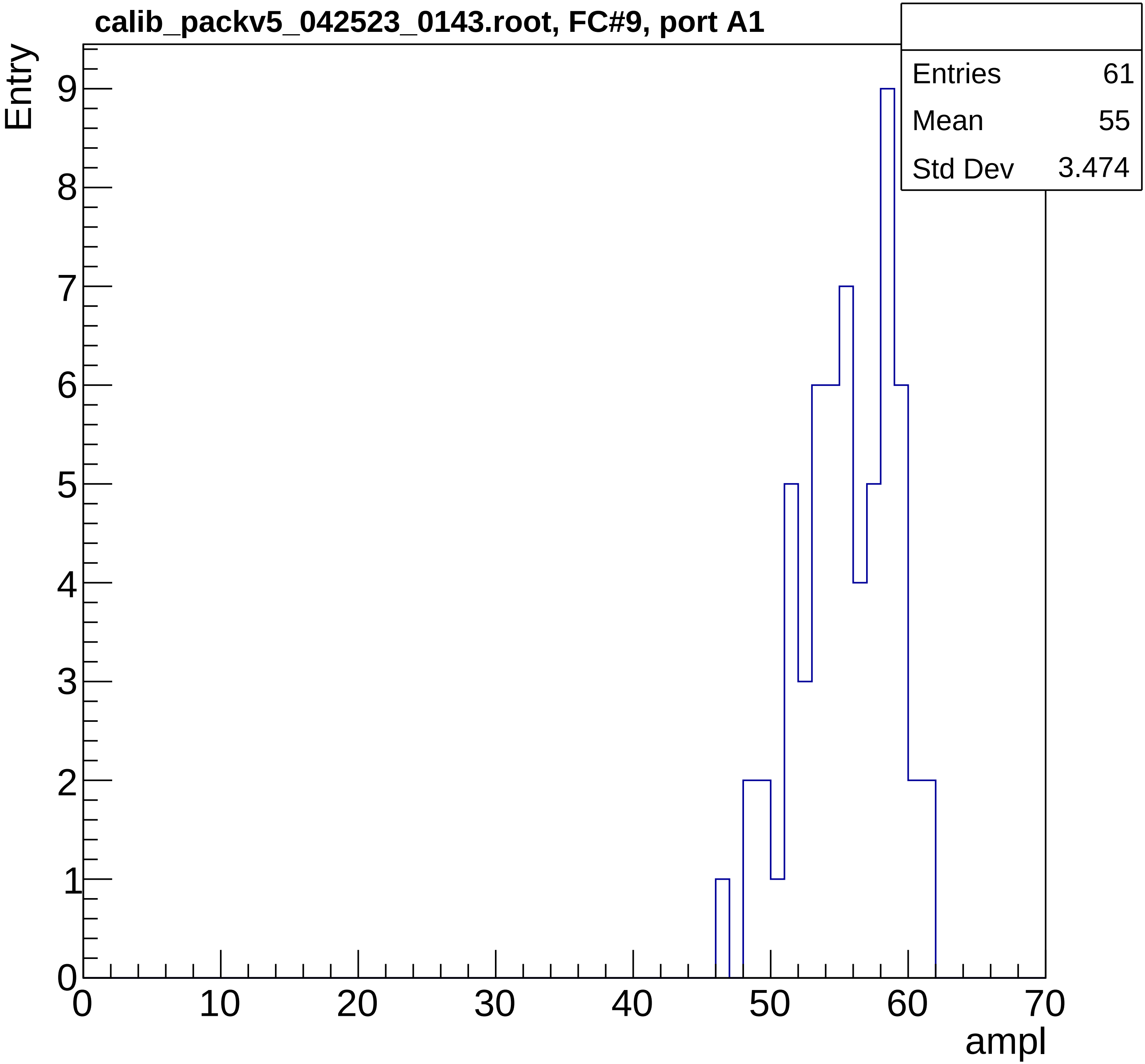

B0L001S, U21-ch82, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 61
Mean 43.2
Std Dev 3.061
Gaus mean : 43.9581
Gaus Width: 2.7720
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

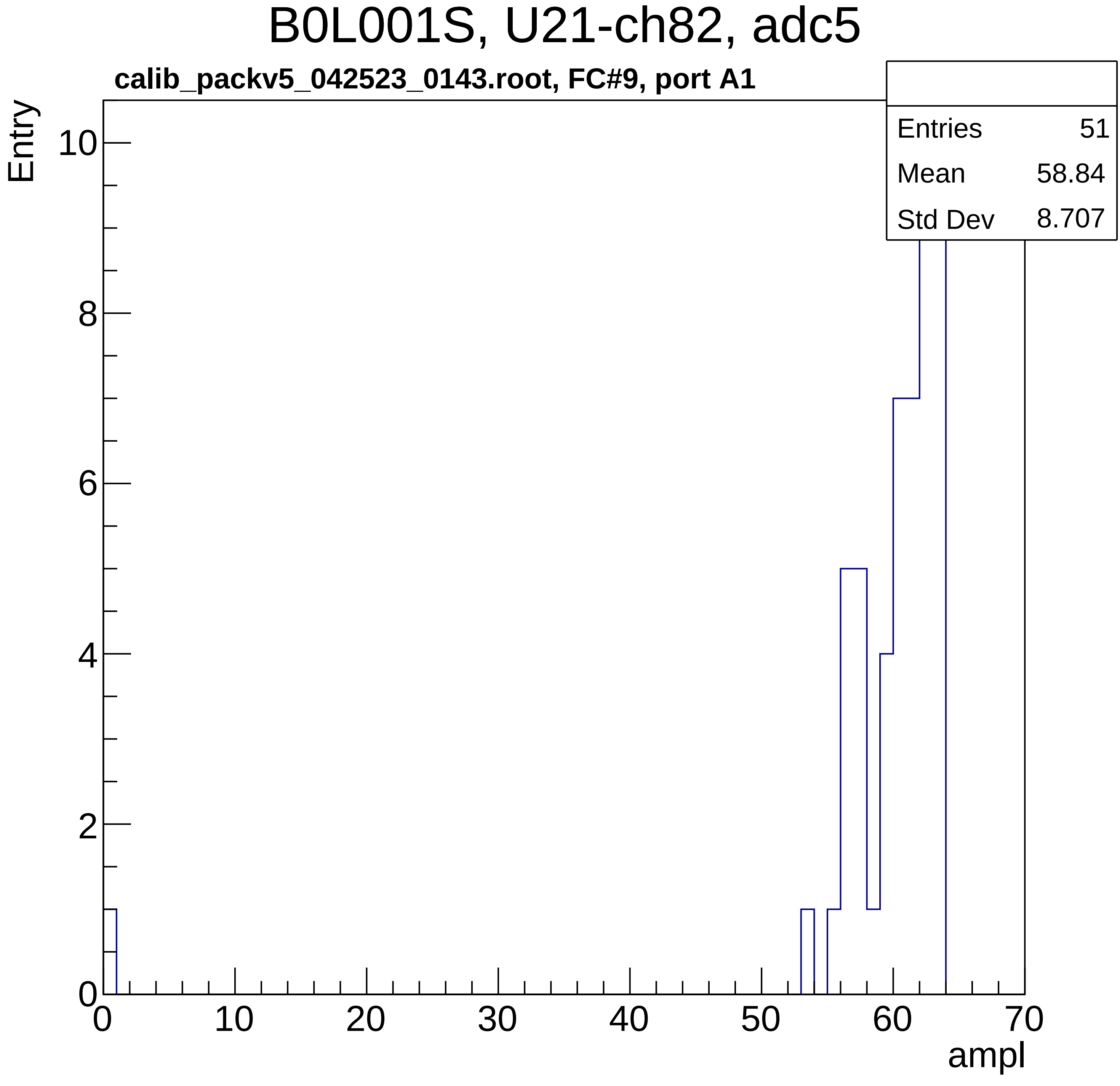


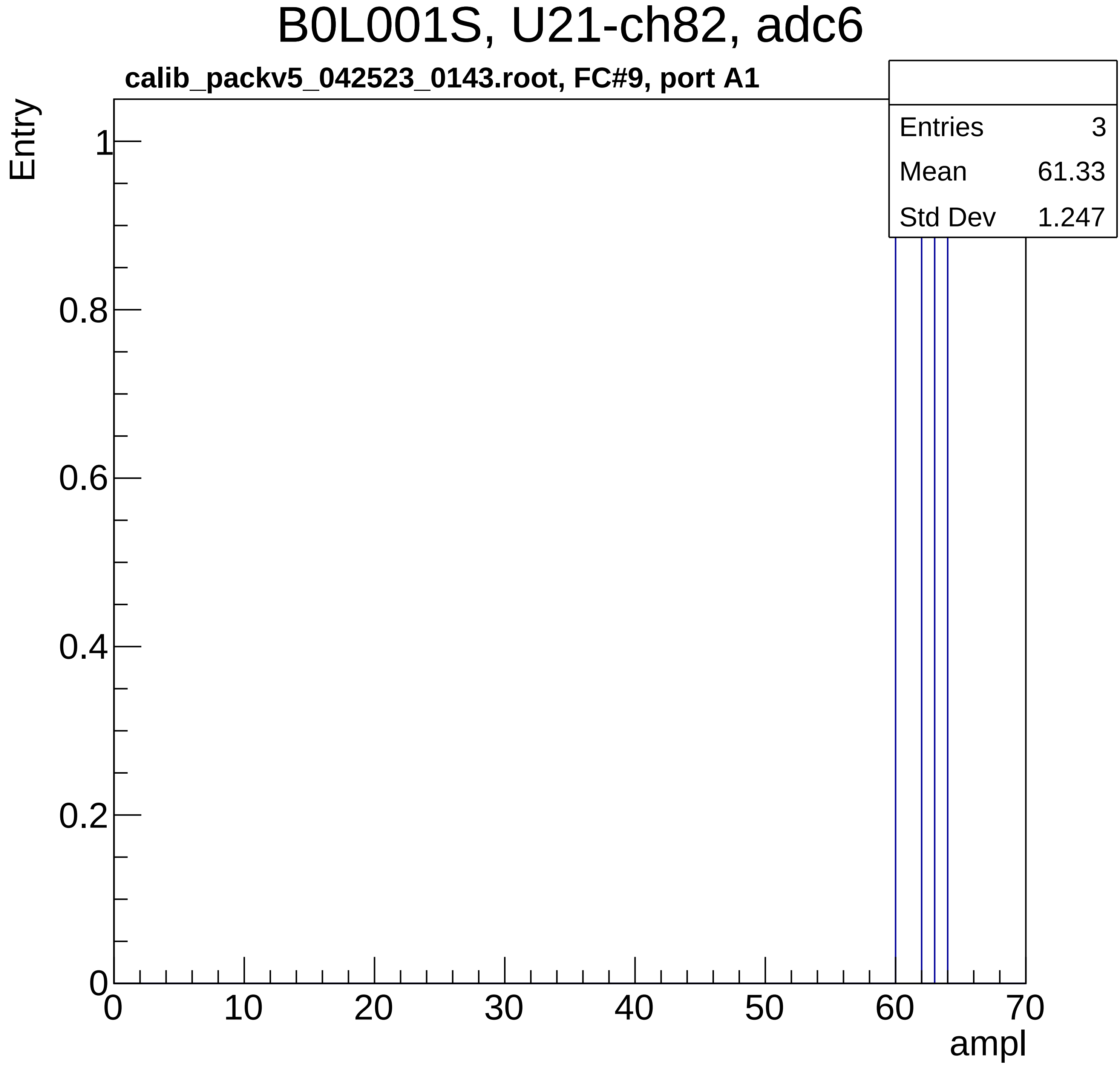
B0L001S, U21-ch82, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 49.53
Std Dev 3.163
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch82, adc4

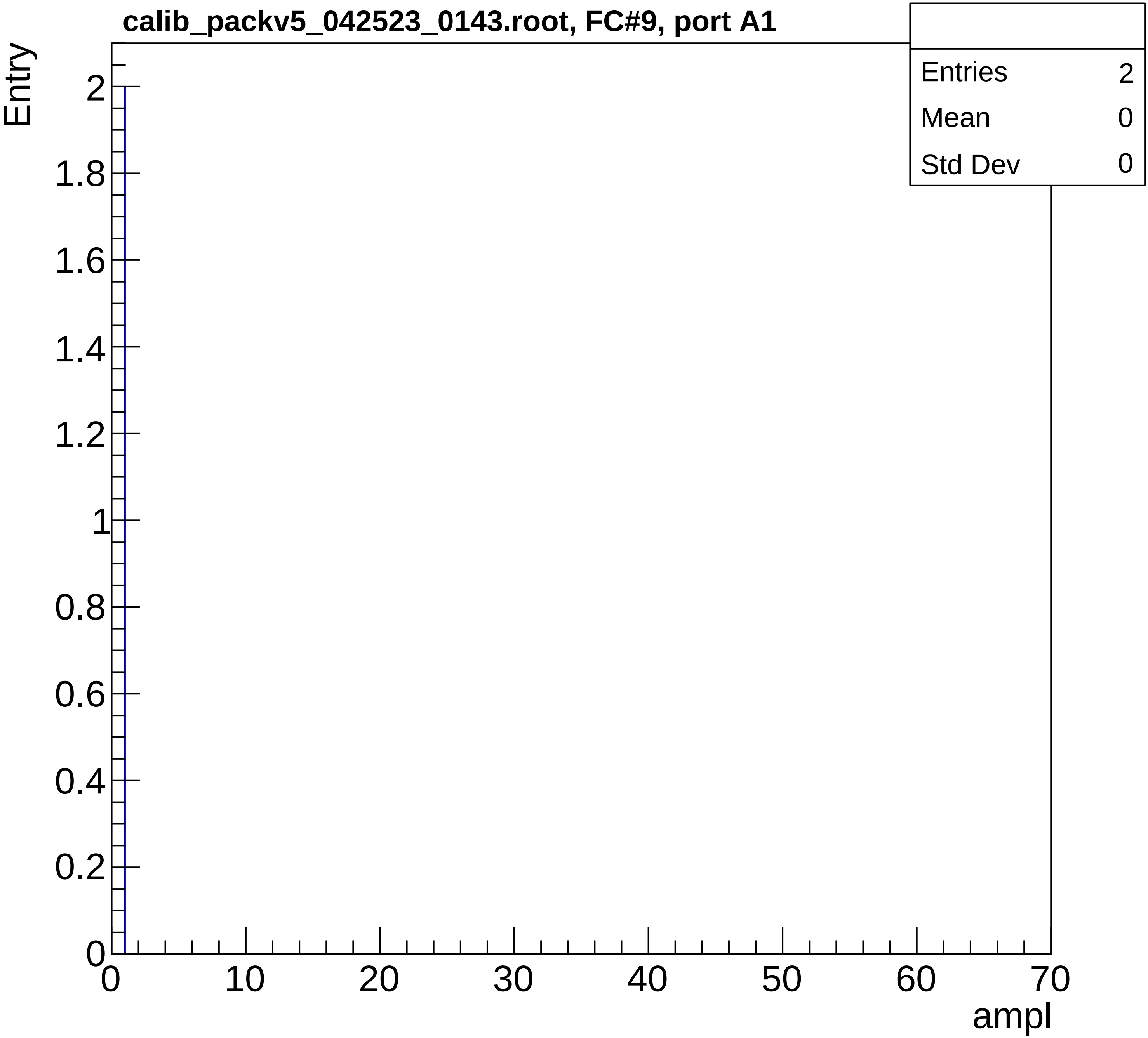
calib_packv5_042523_0143.root, FC#9, port A1

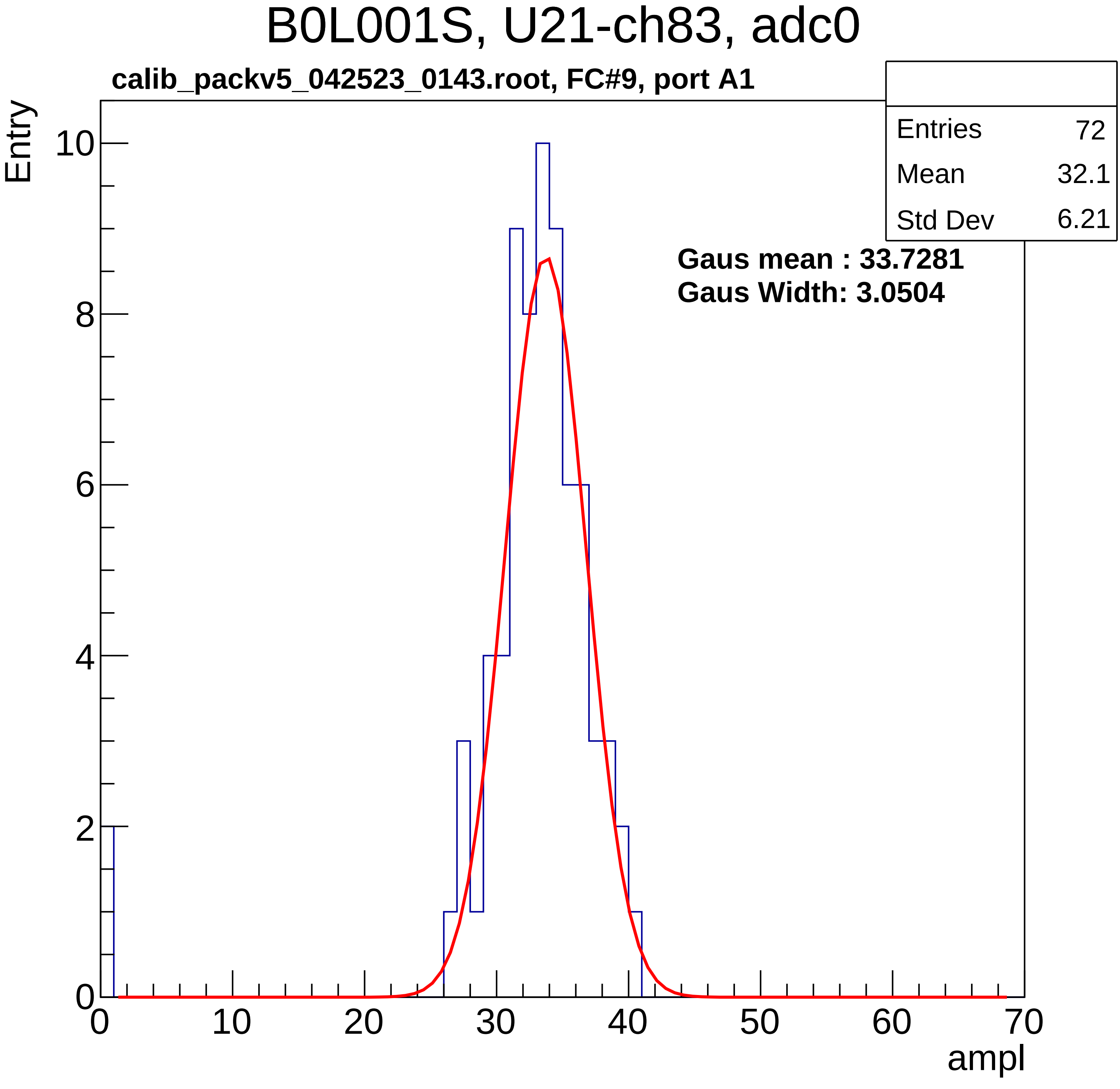


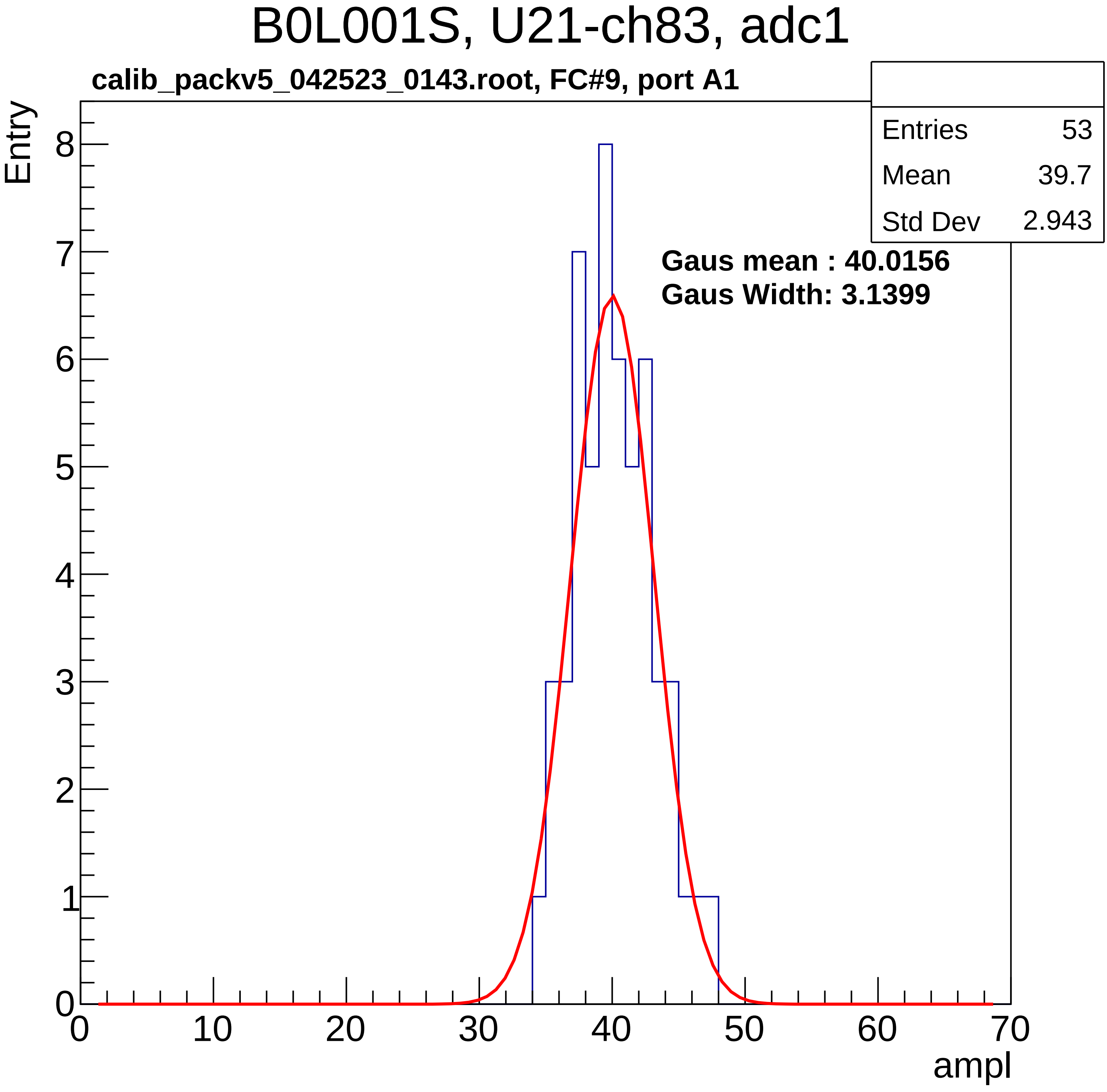

B0L001S, U21-ch82, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 58.84
Std Dev 8.707
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

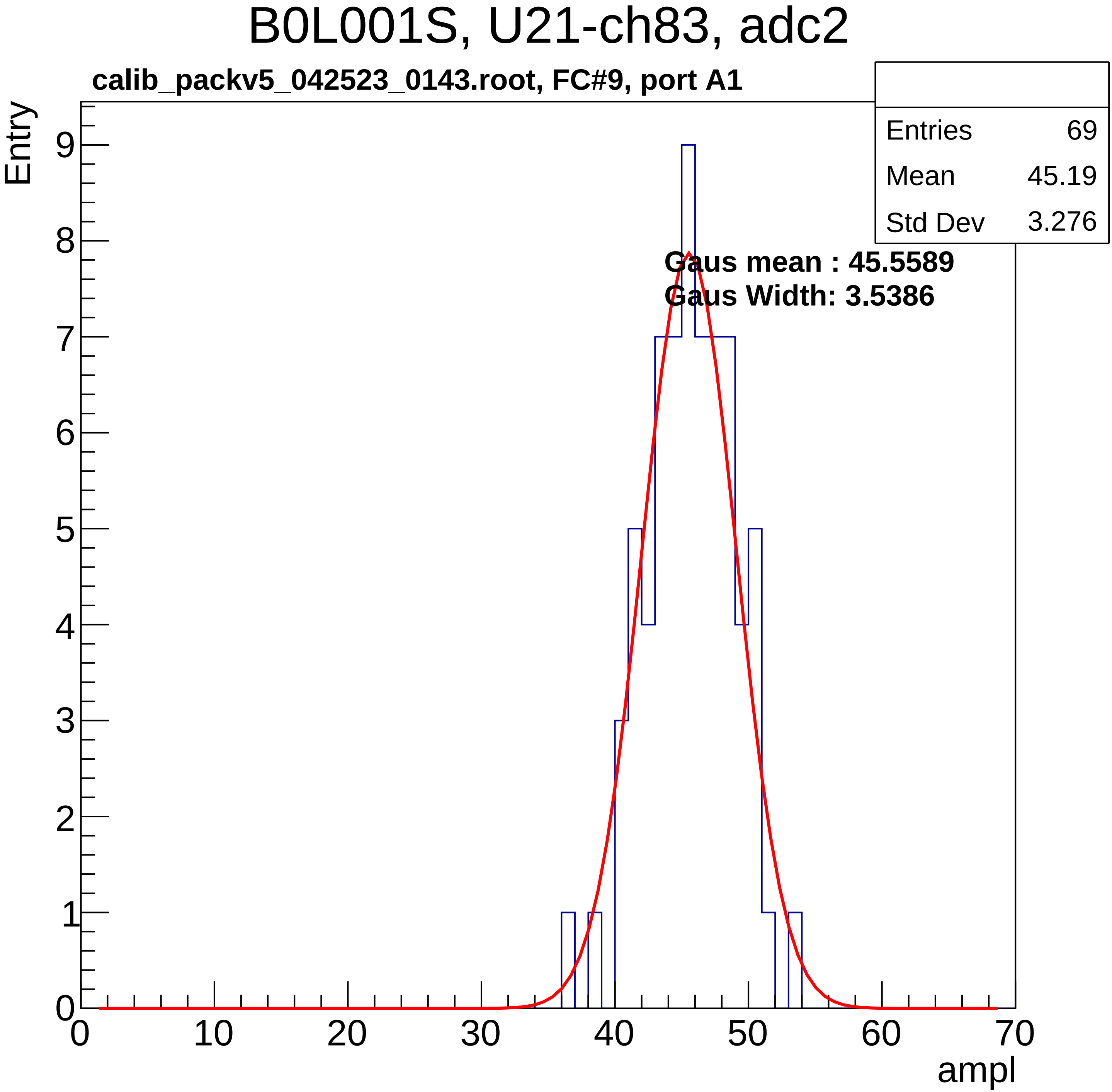

B0L001S, U21-ch82, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.33
Std Dev 1.247
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch82, adc7

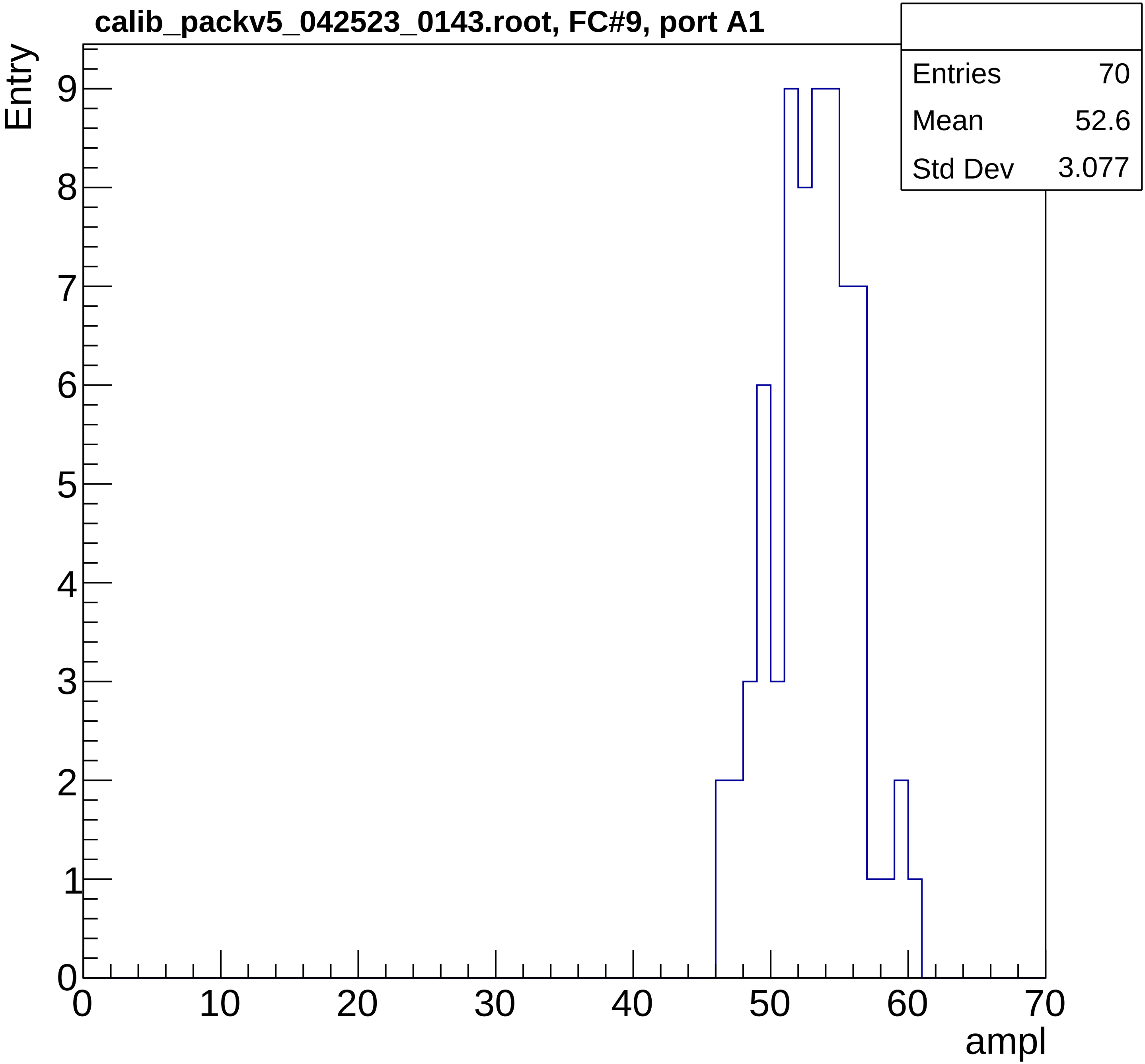


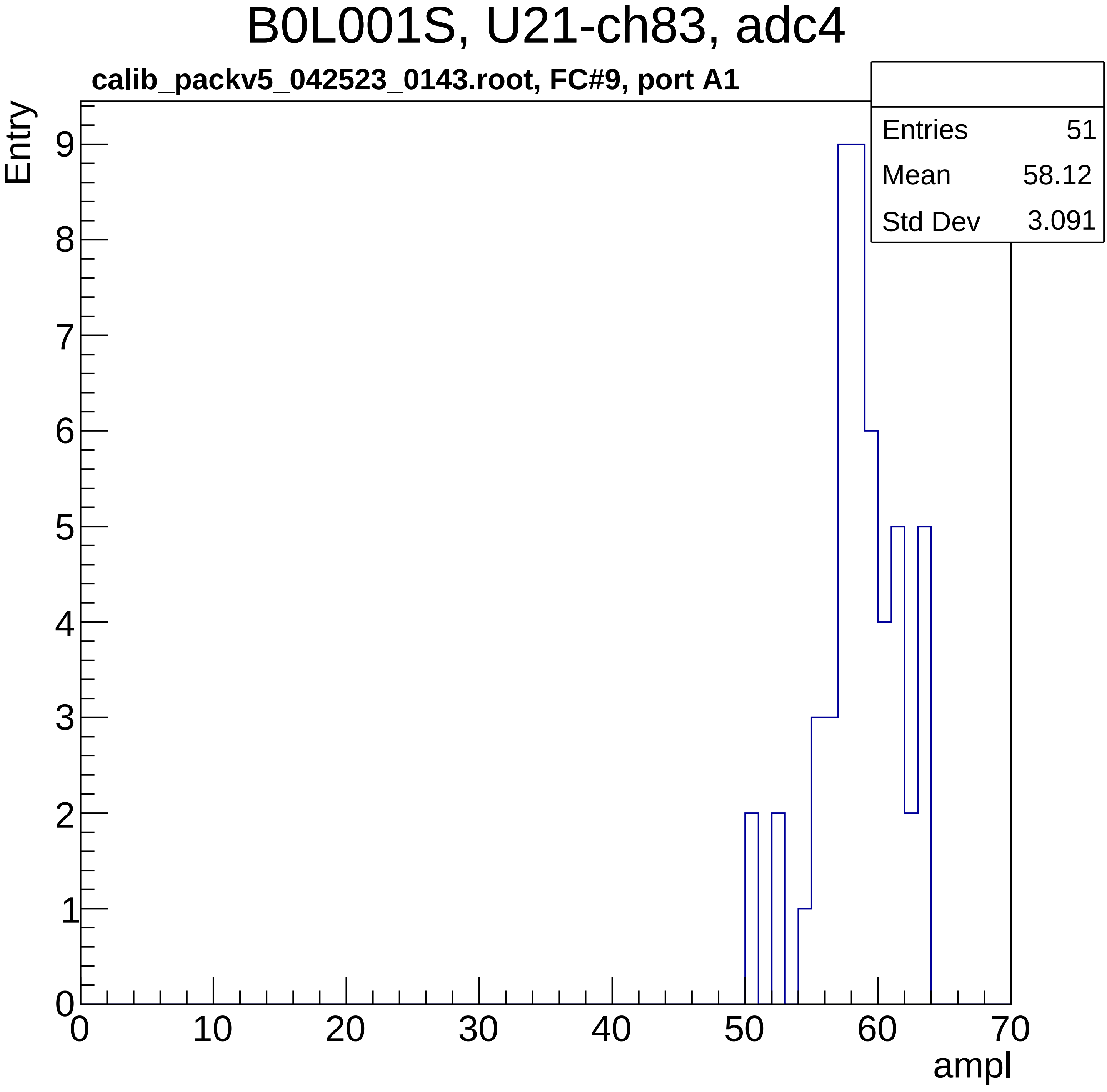

B0L001S, U21-ch83, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 32.1
Std Dev 6.21
Gaus mean : 33.7281
Gaus Width: 3.0504
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

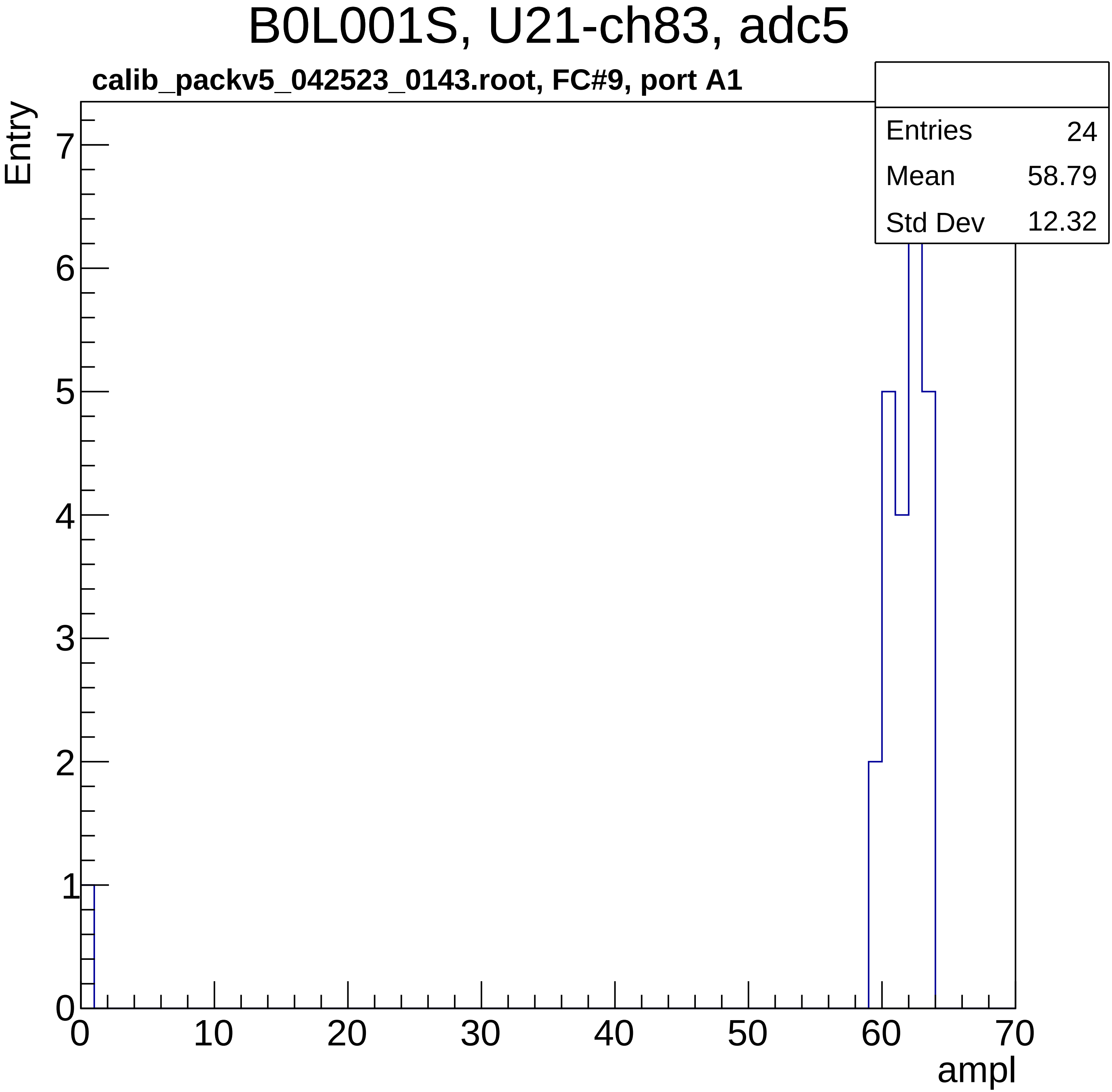

B0L001S, U21-ch83, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 39.7
Std Dev 2.943
Gaus mean : 40.0156
Gaus Width: 3.1399
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

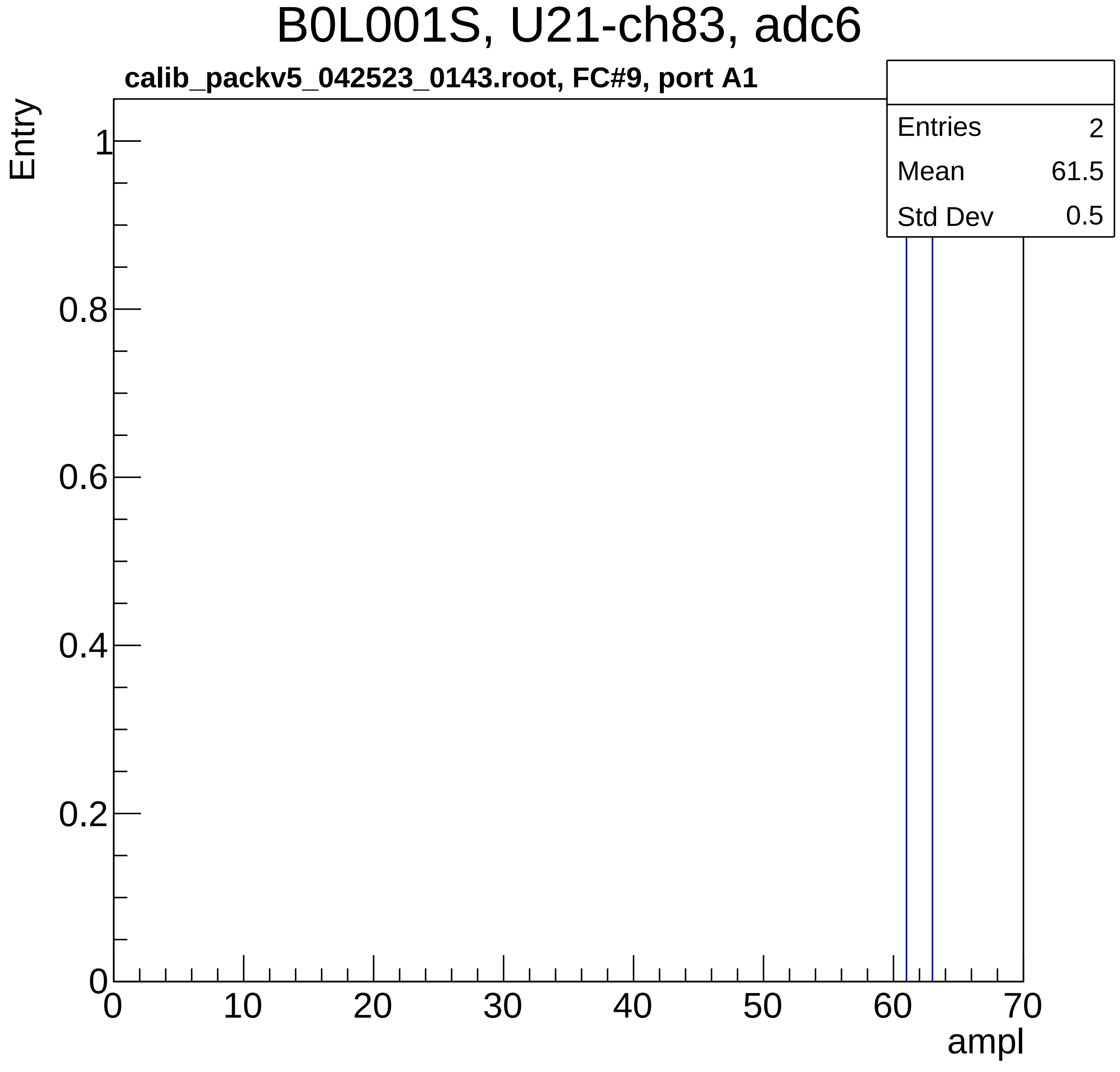

B0L001S, U21-ch83, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 69
Mean 45.19
Std Dev 3.276
Gaus mean : 45.5589
Gaus Width: 3.5386
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

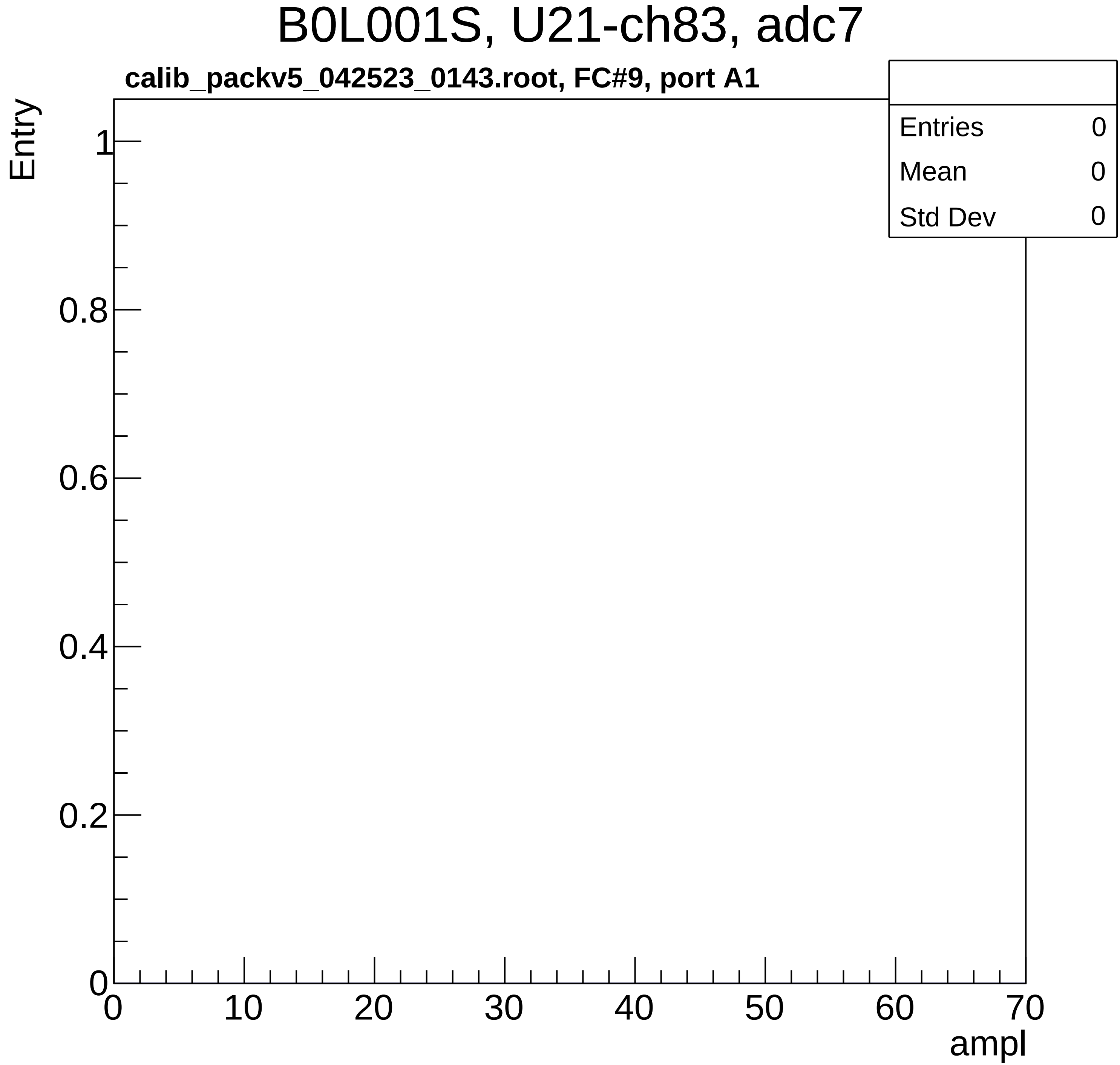
B0L001S, U21-ch83, adc3




B0L001S, U21-ch83, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 58.12
Std Dev 3.091
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

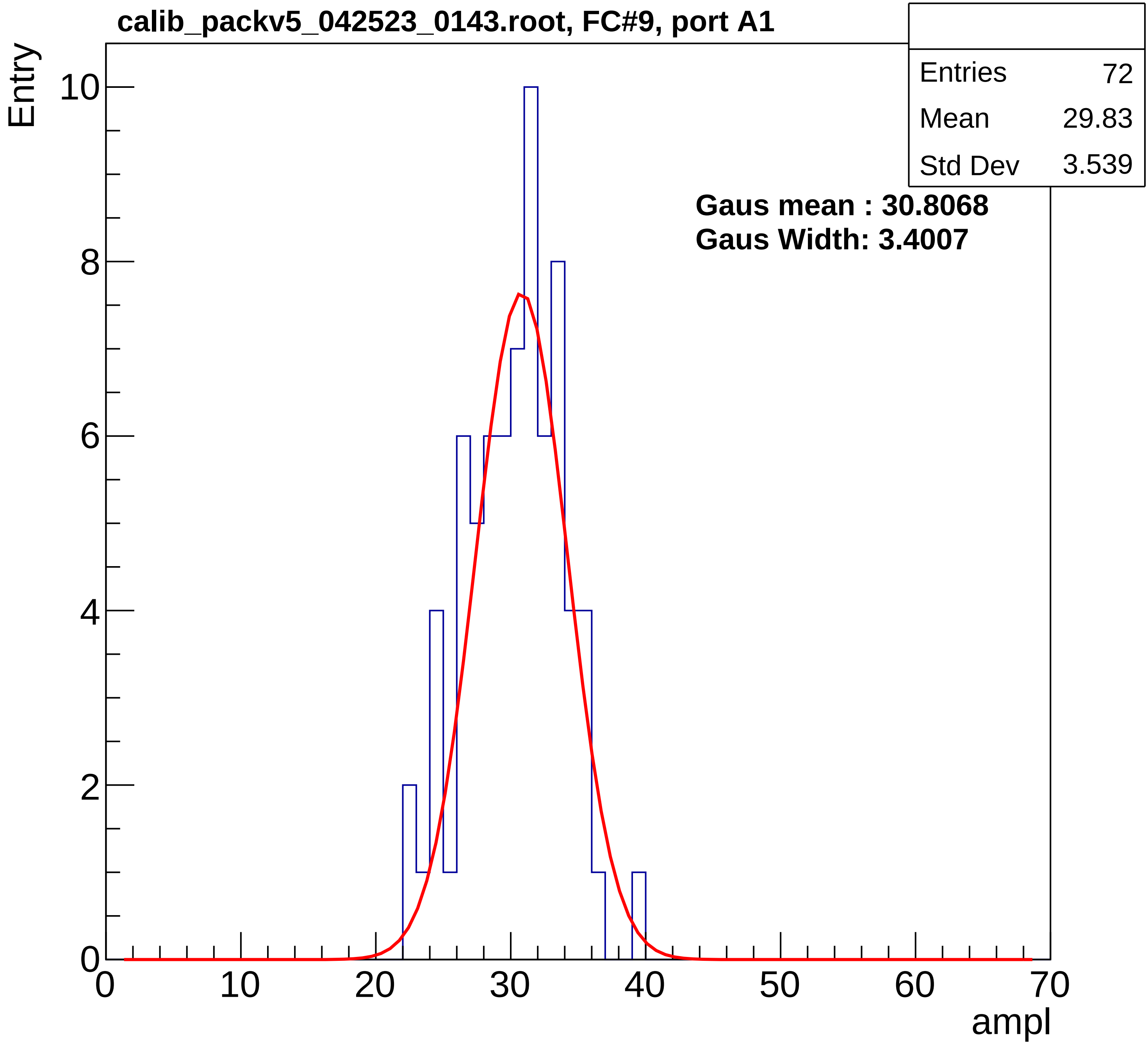

B0L001S, U21-ch83, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 24
Mean 58.79
Std Dev 12.32
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch83, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 61.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

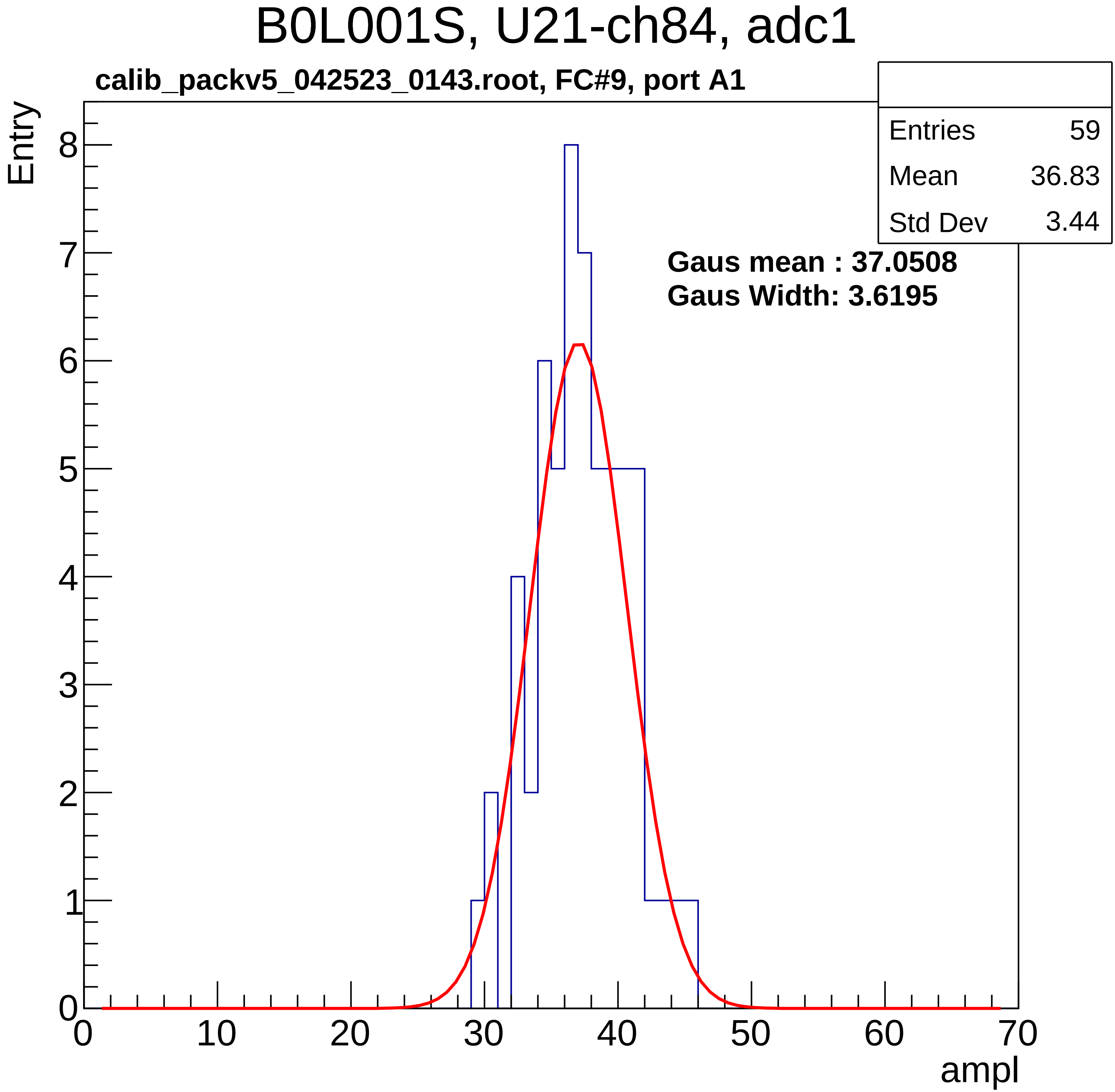

B0L001S, U21-ch83, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

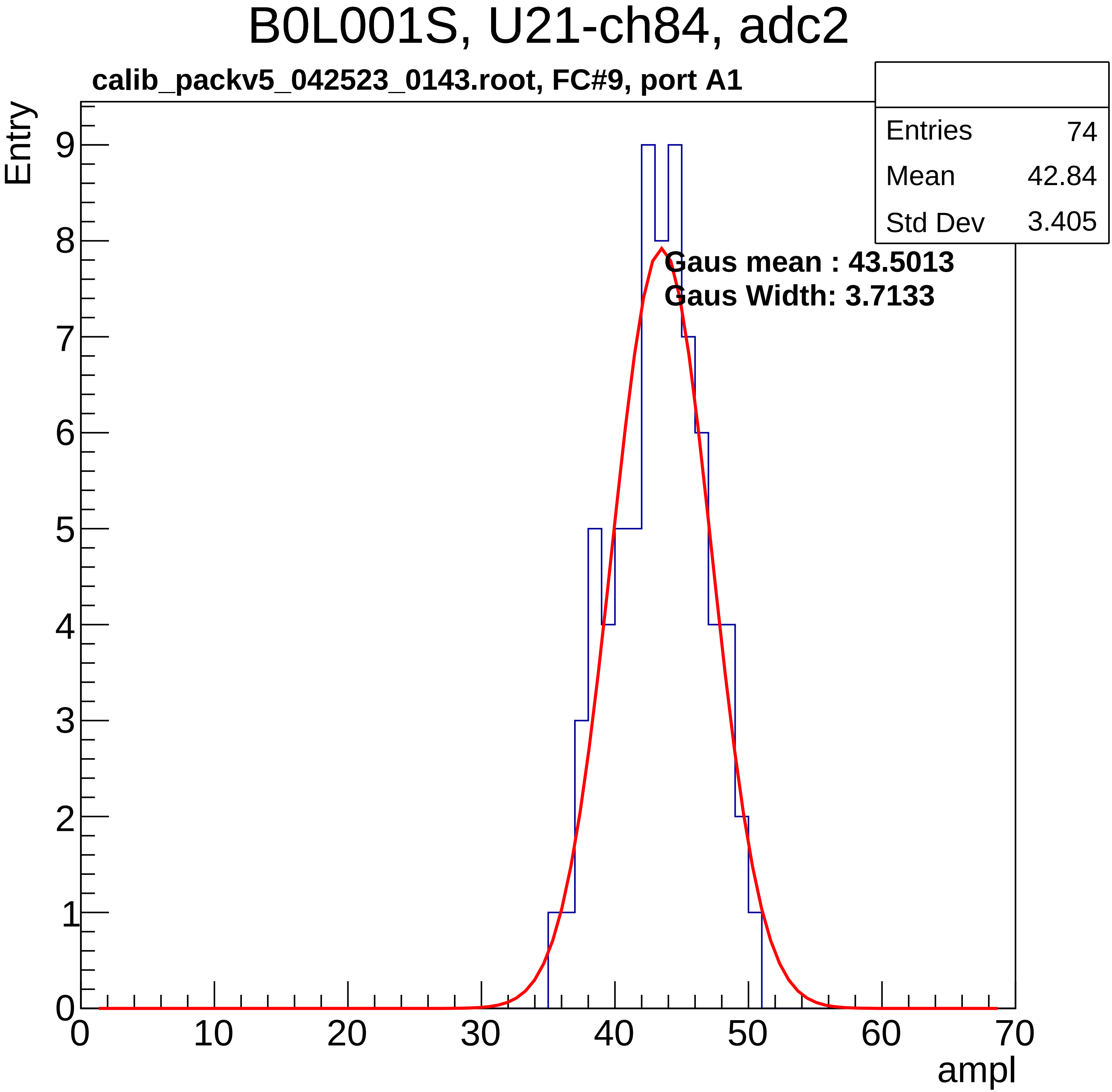
B0L001S, U21-ch84, adc0

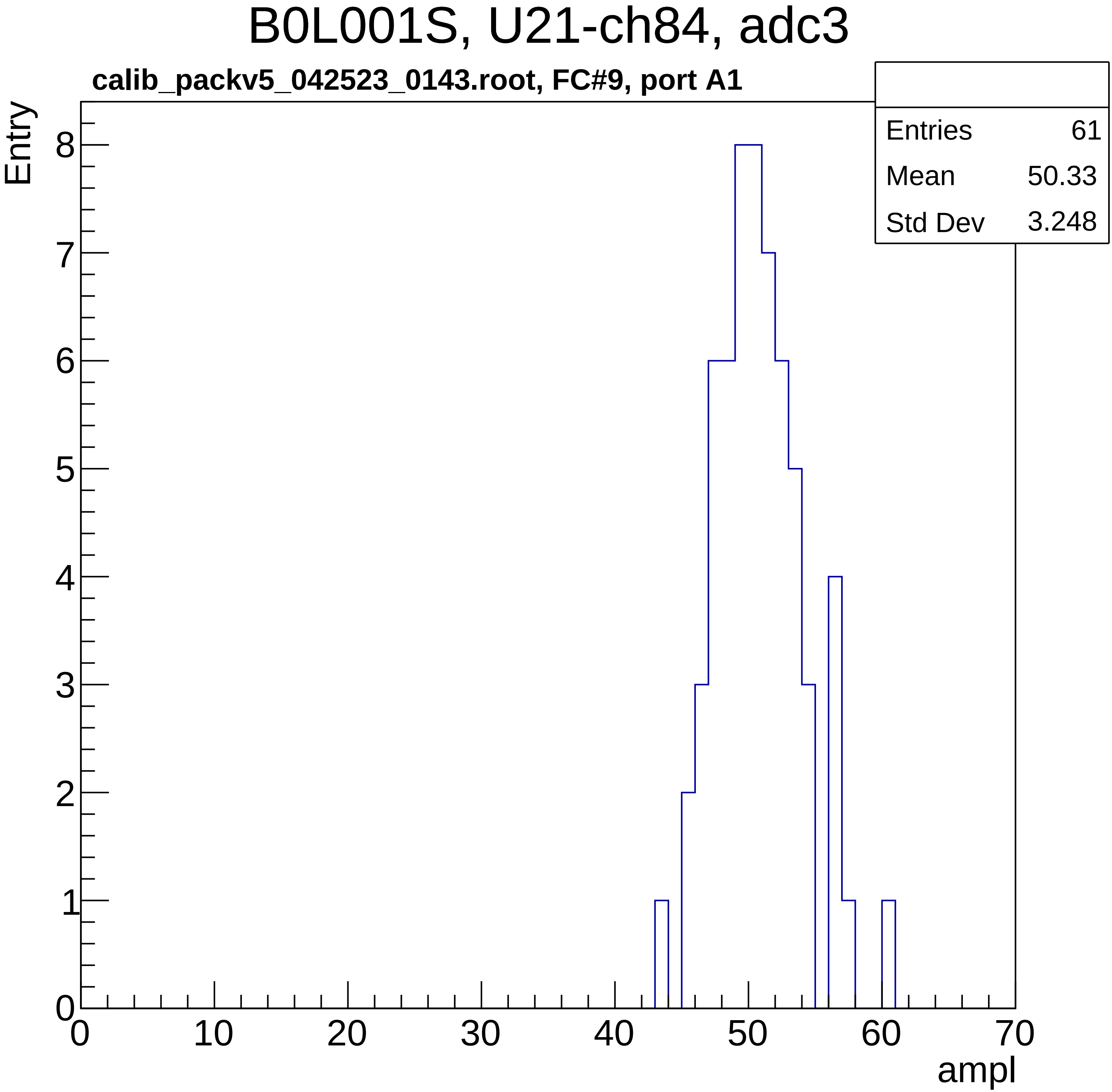
calib_packv5_042523_0143.root, FC#9, port A1

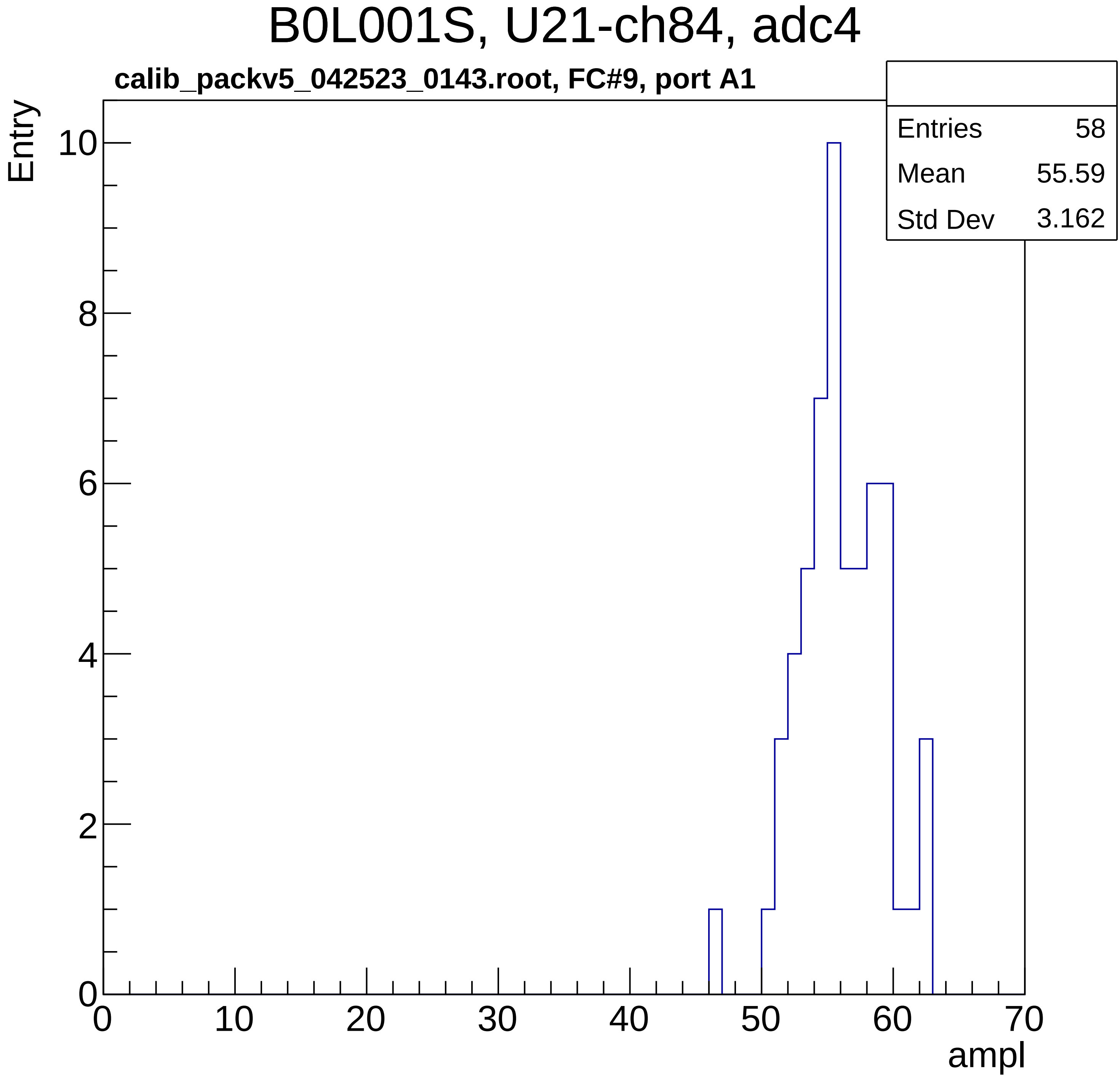


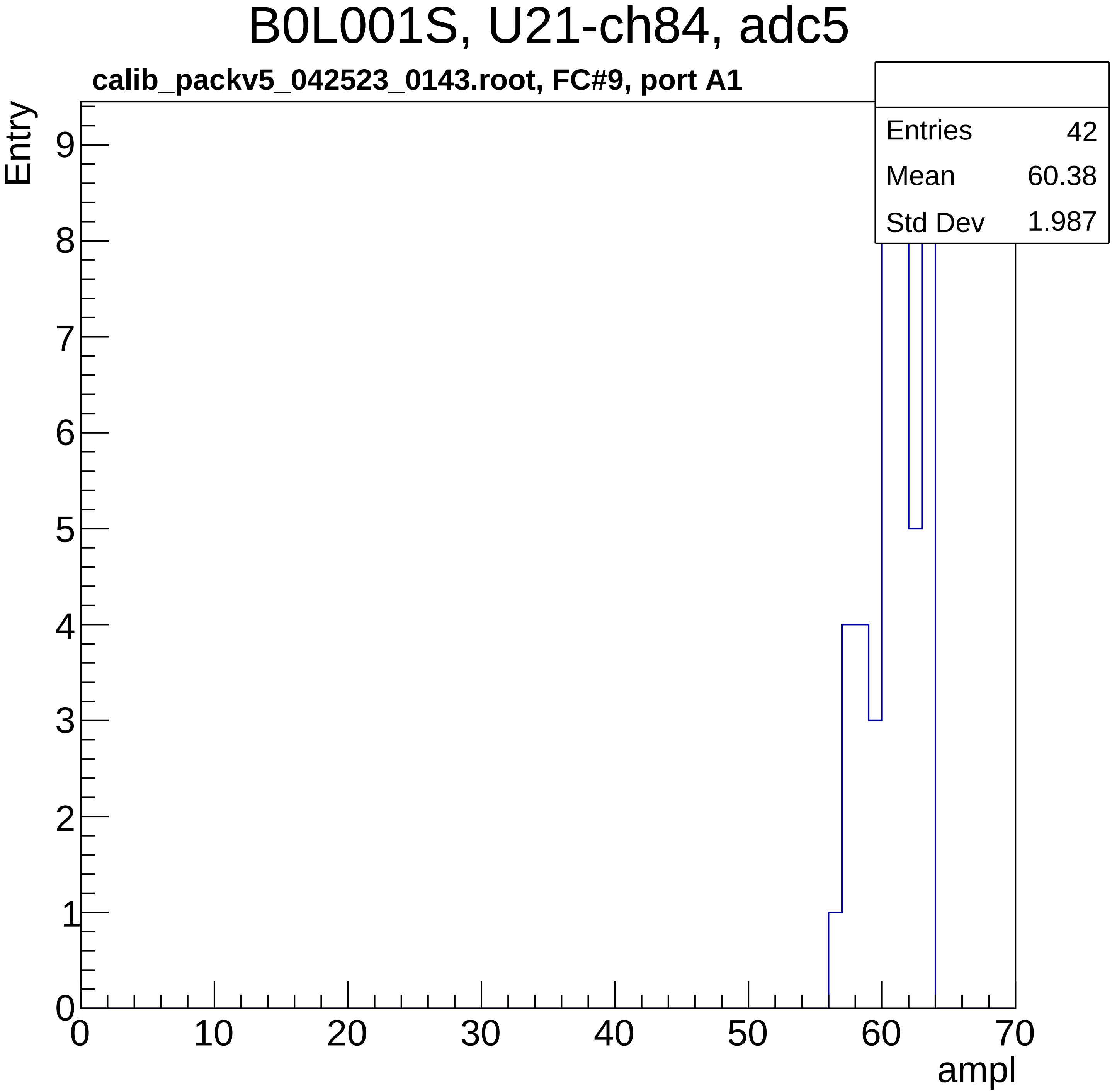
Gaus mean : 30.8068
Gaus Width: 3.4007

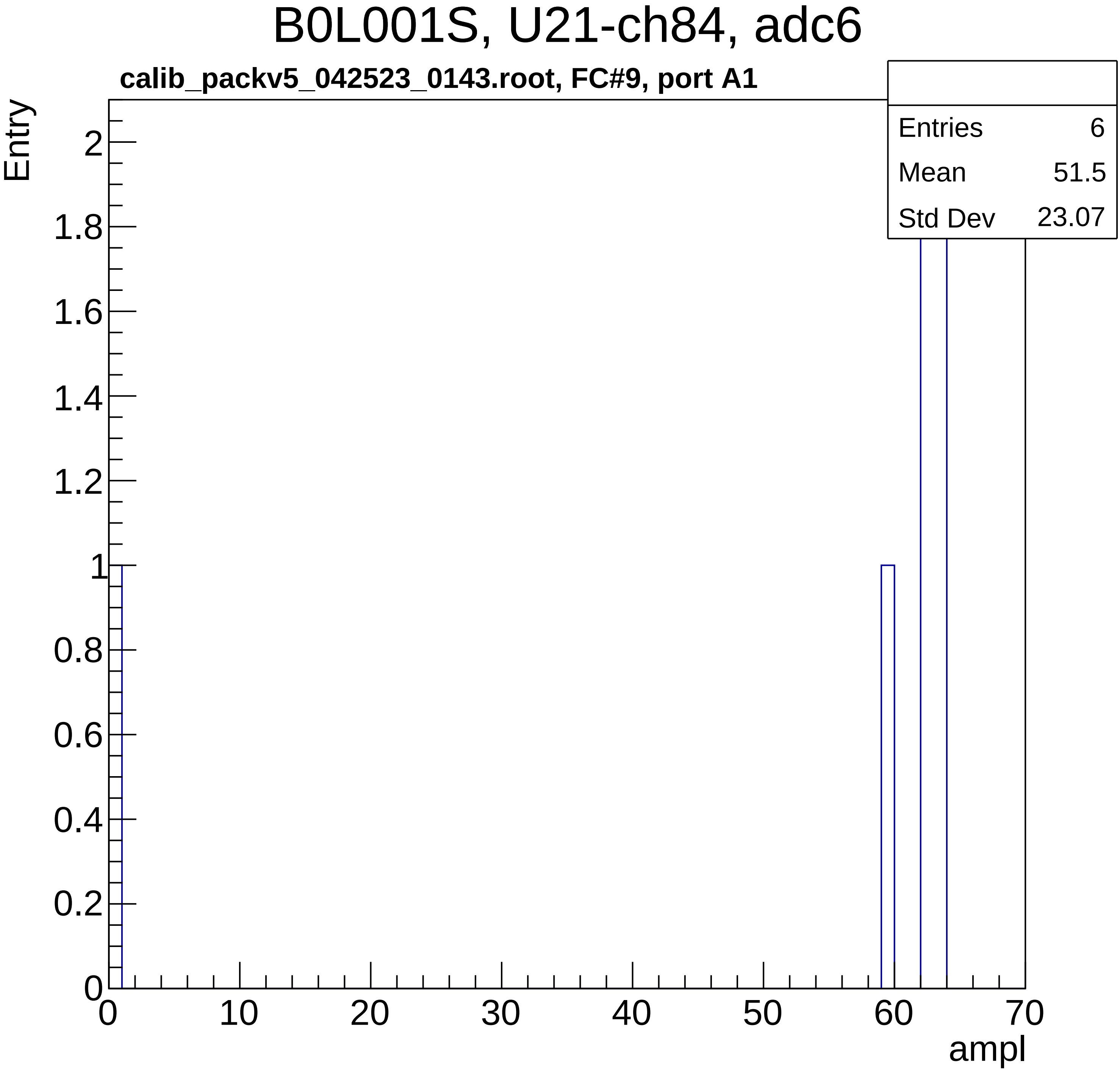

B0L001S, U21-ch84, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 36.83
Std Dev 3.44
Gaus mean : 37.0508
Gaus Width: 3.6195
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

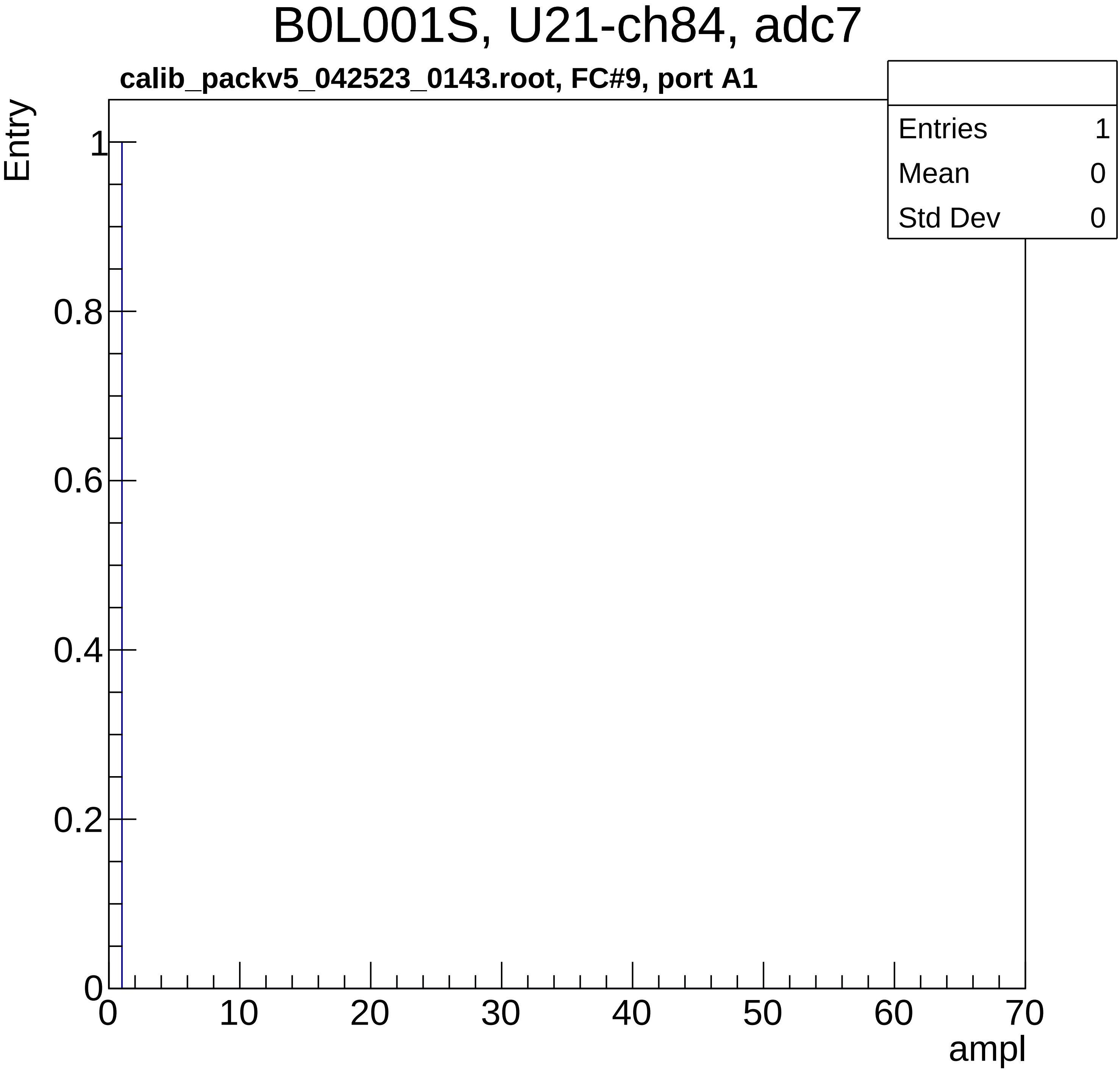

B0L001S, U21-ch84, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 42.84
Std Dev 3.405
Gaus mean : 43.5013
Gaus Width: 3.7133
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

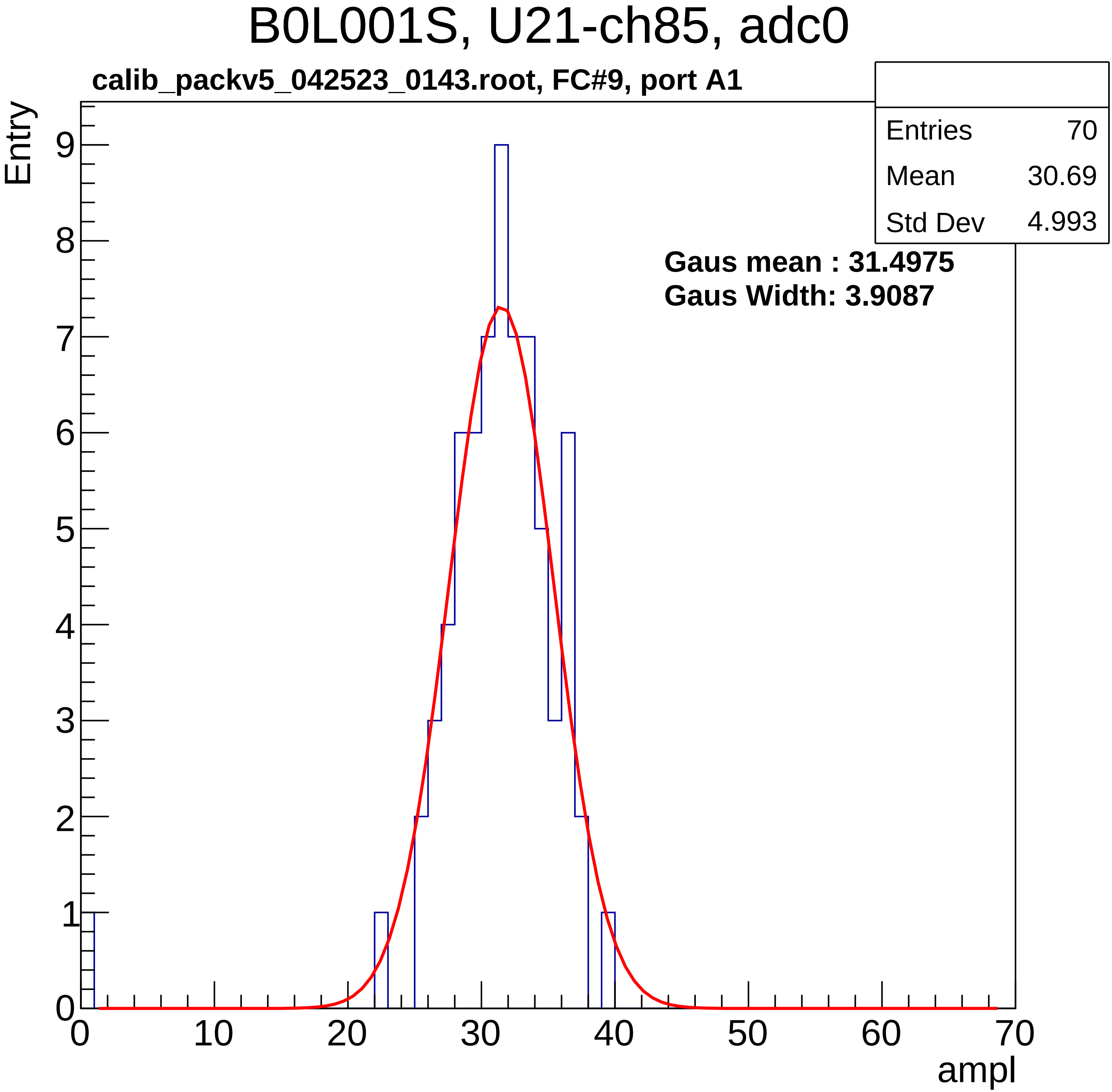

B0L001S, U21-ch84, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 50.33
Std Dev 3.248
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

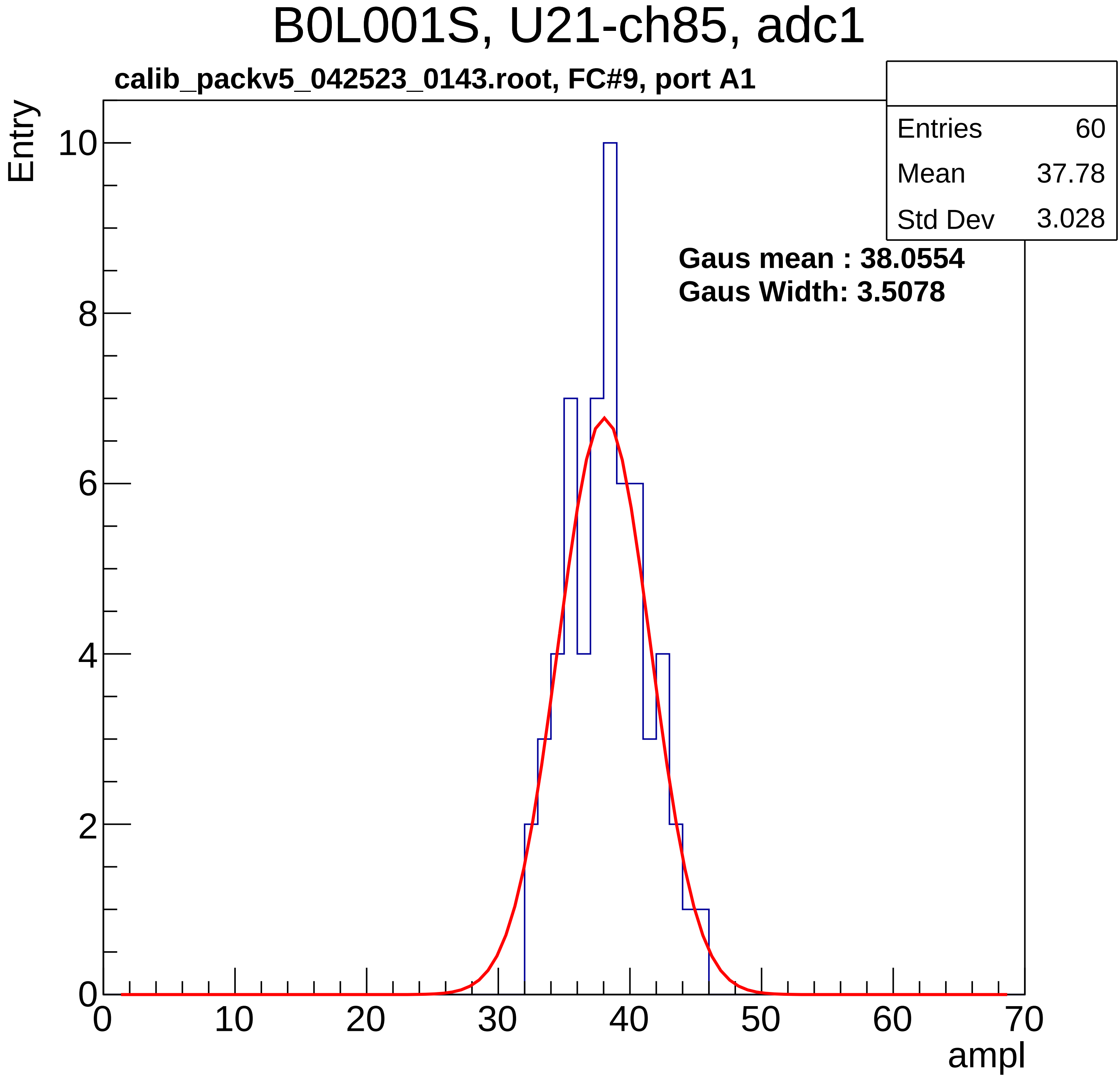

B0L001S, U21-ch84, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 55.59
Std Dev 3.162
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch84, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 60.38
Std Dev 1.987
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

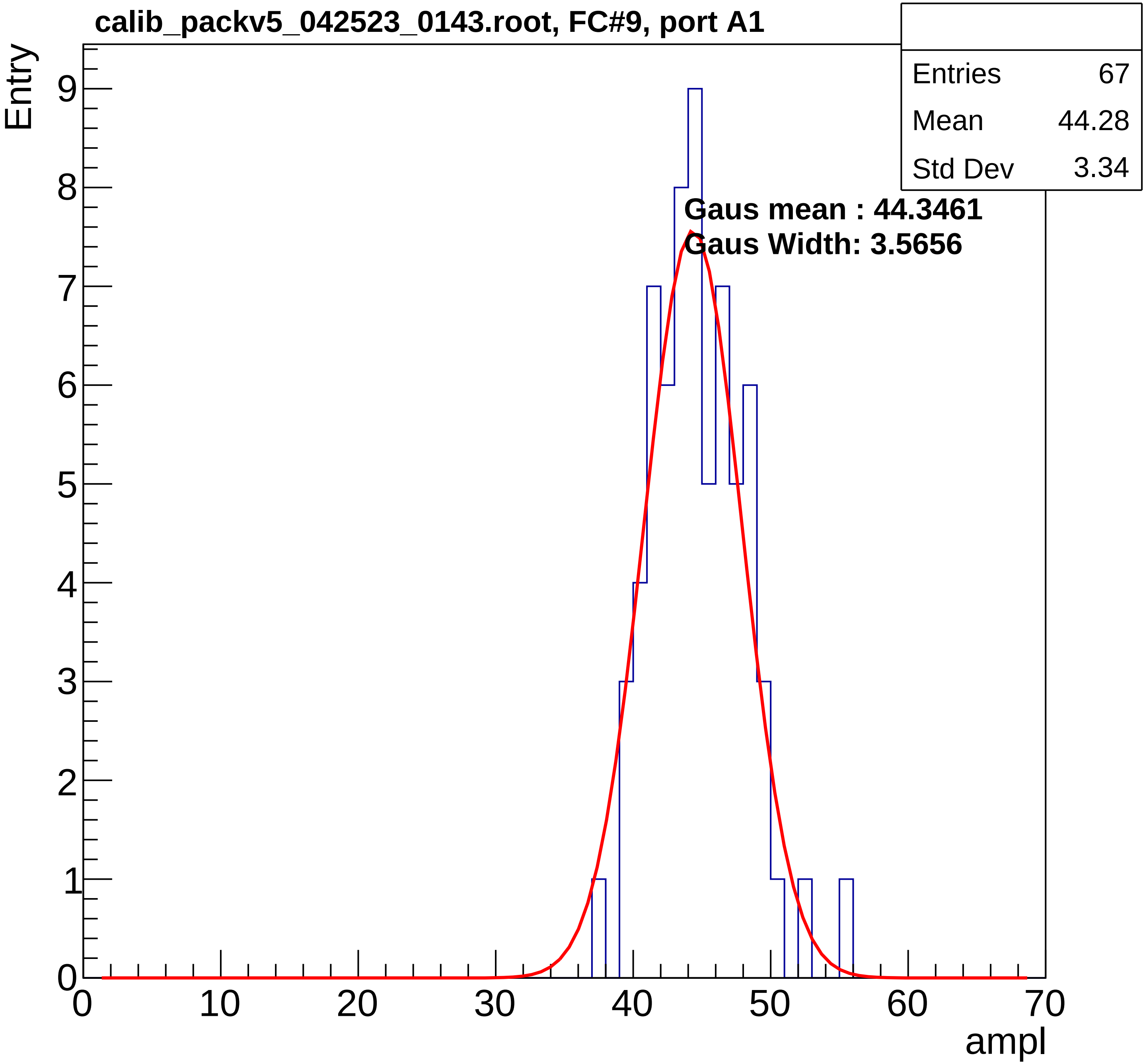

B0L001S, U21-ch84, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 51.5
Std Dev 23.07
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

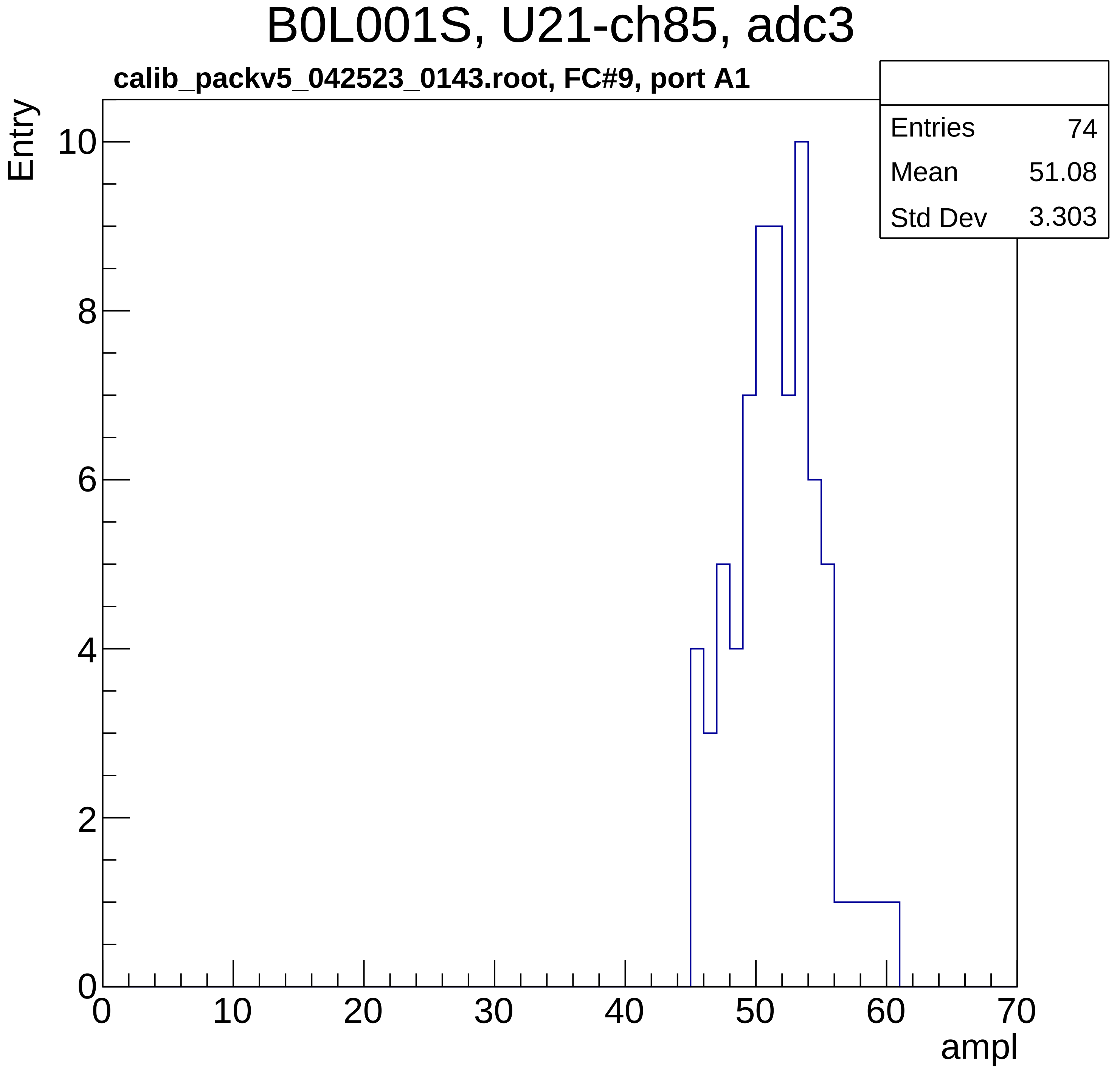

B0L001S, U21-ch84, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 1
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

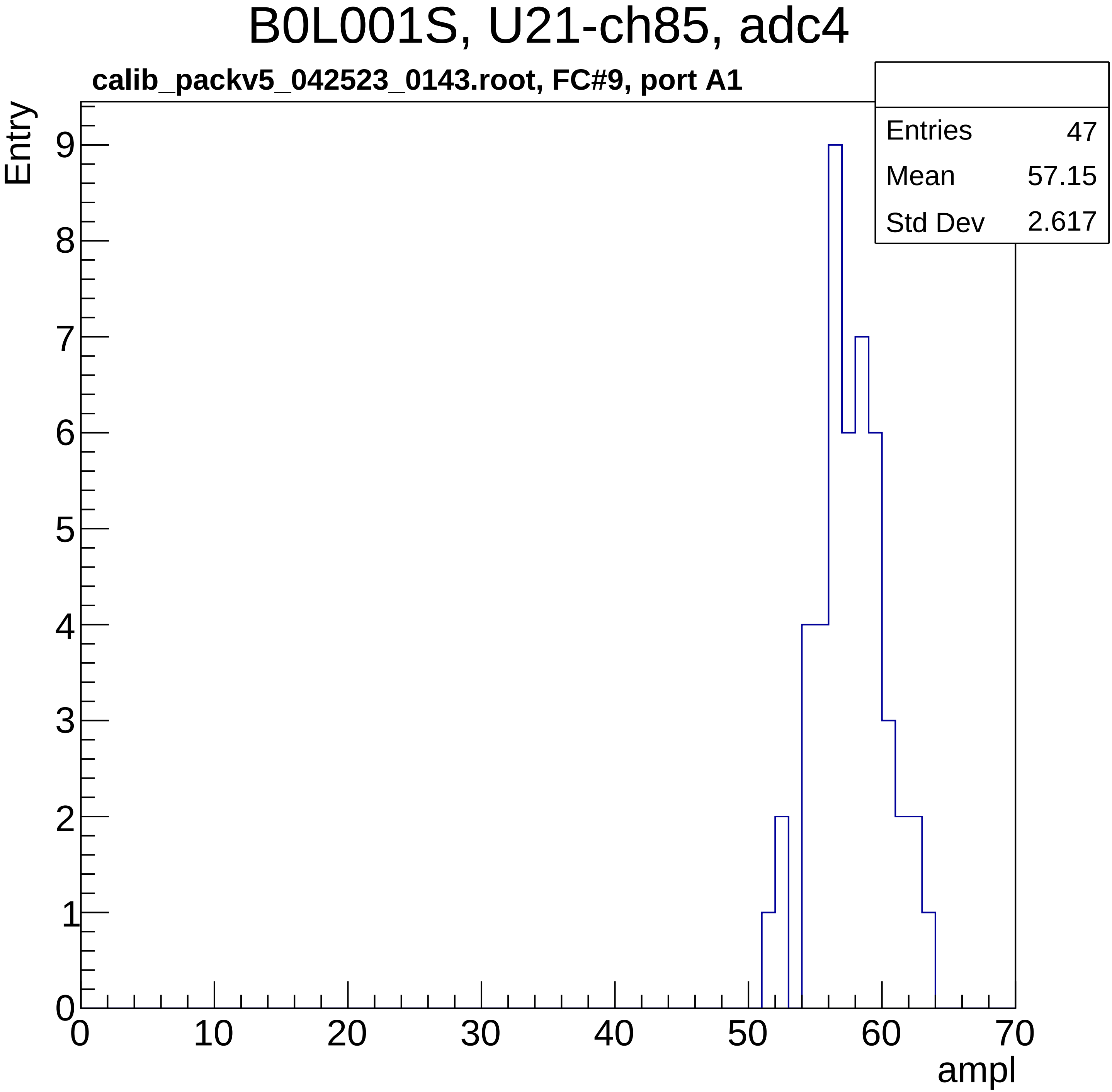

B0L001S, U21-ch85, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 30.69
Std Dev 4.993
Gaus mean : 31.4975
Gaus Width: 3.9087
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

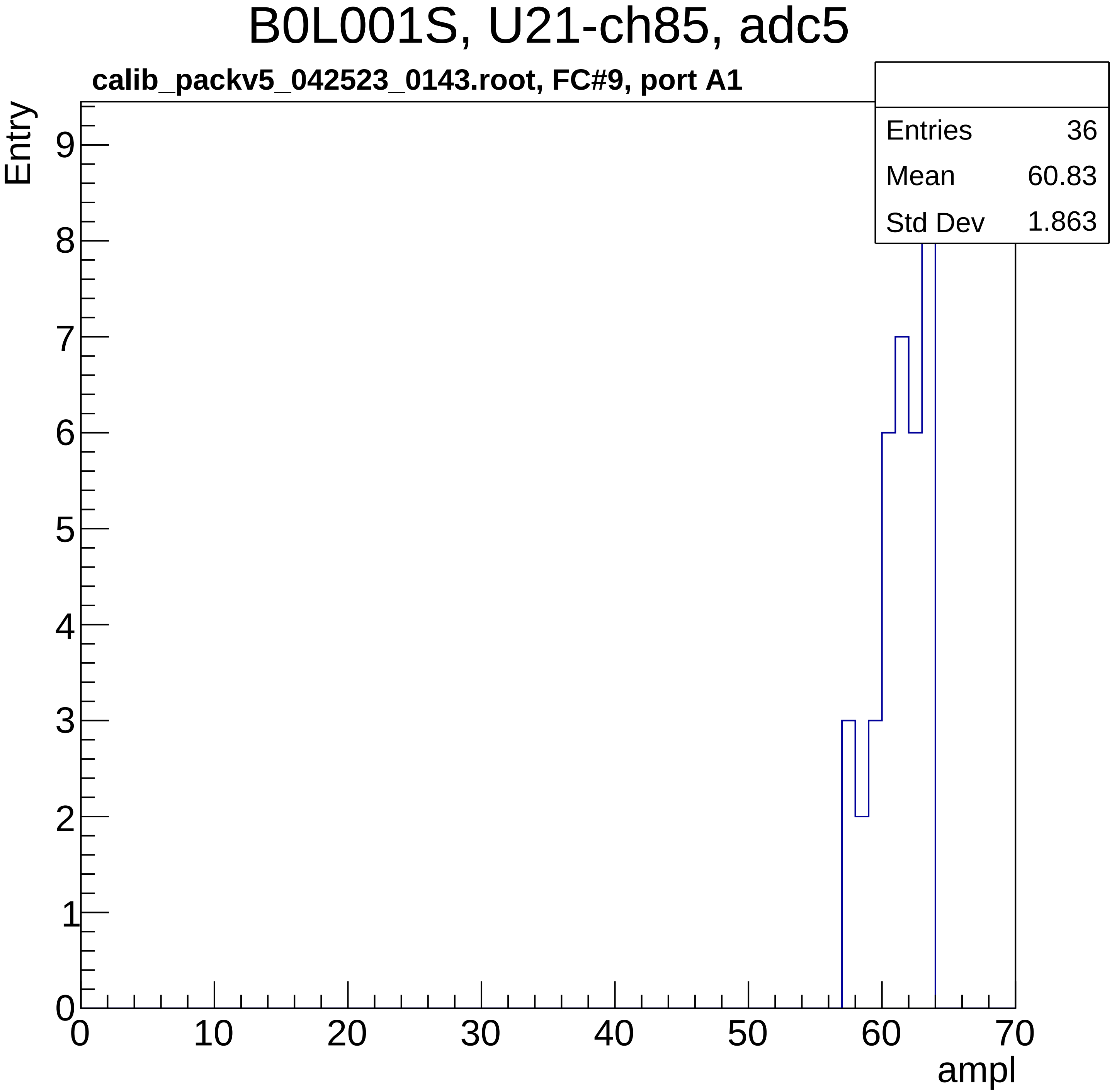

B0L001S, U21-ch85, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 60
Mean 37.78
Std Dev 3.028
Gaus mean : 38.0554
Gaus Width: 3.5078
0
2
4
6
8
10
0
10
20
30
40
50
60
70

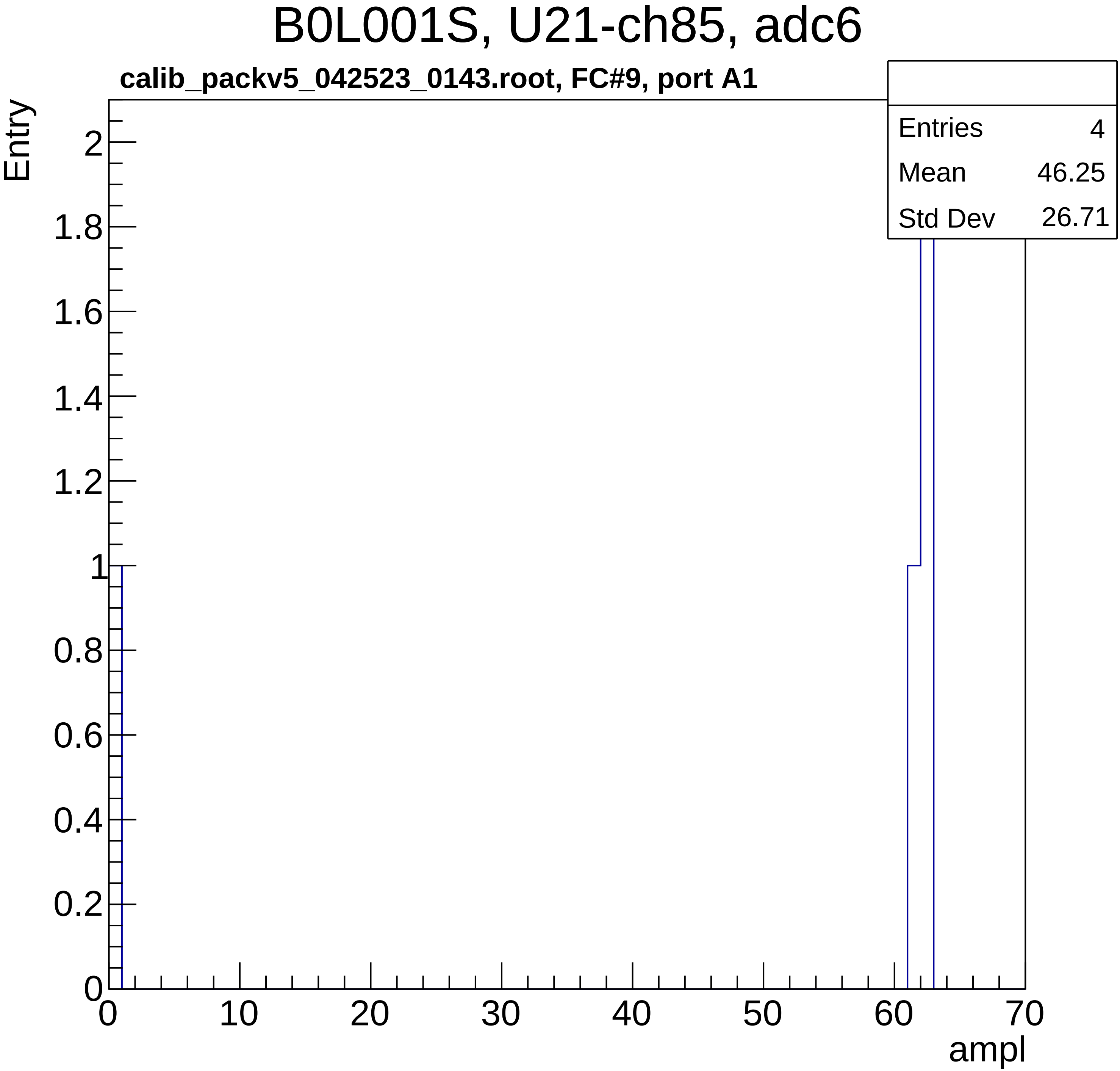
B0L001S, U21-ch85, adc2



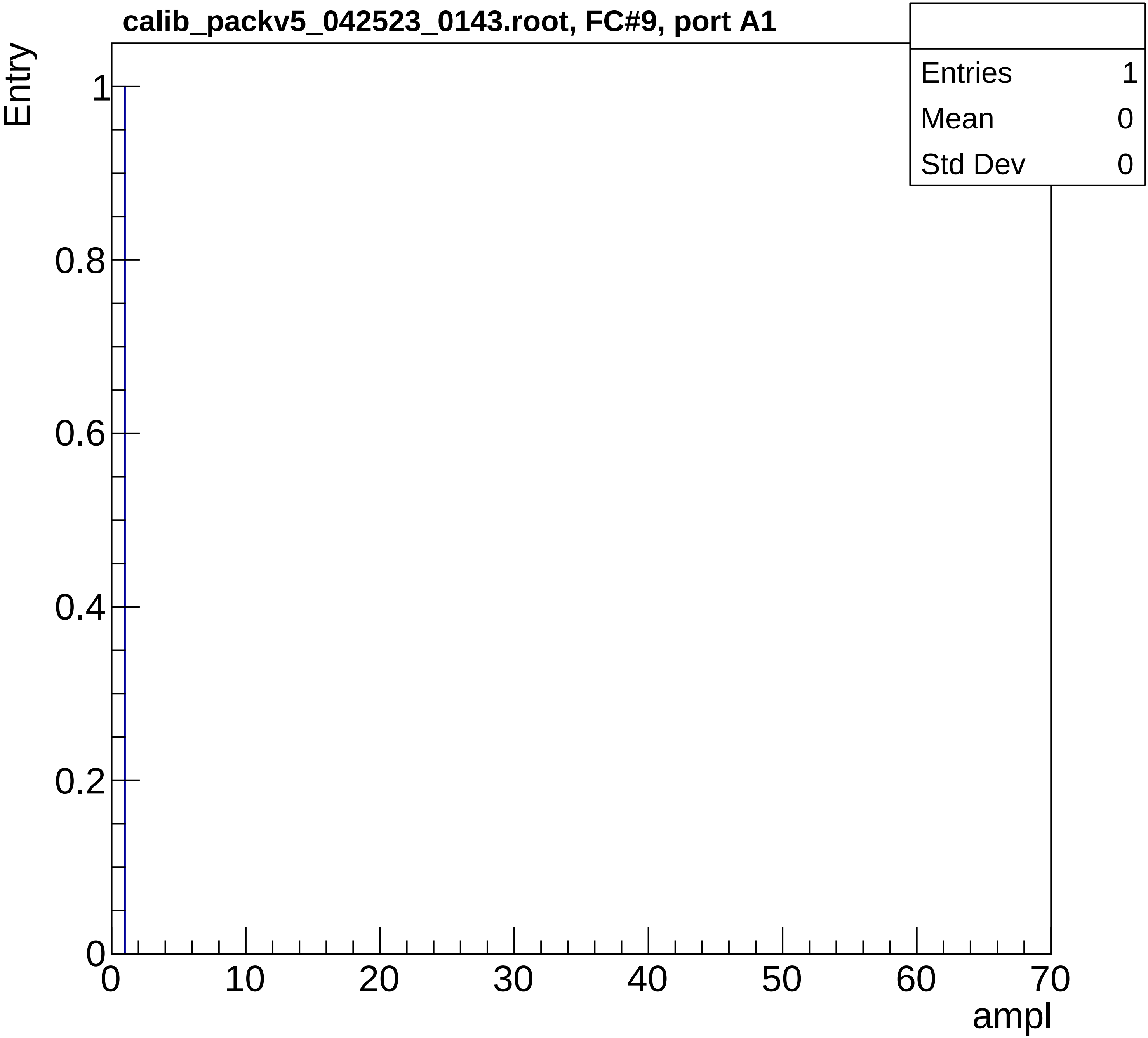

B0L001S, U21-ch85, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 74
Mean 51.08
Std Dev 3.303
0
2
4
6
8
10
0
10
20
30
40
50
60
70

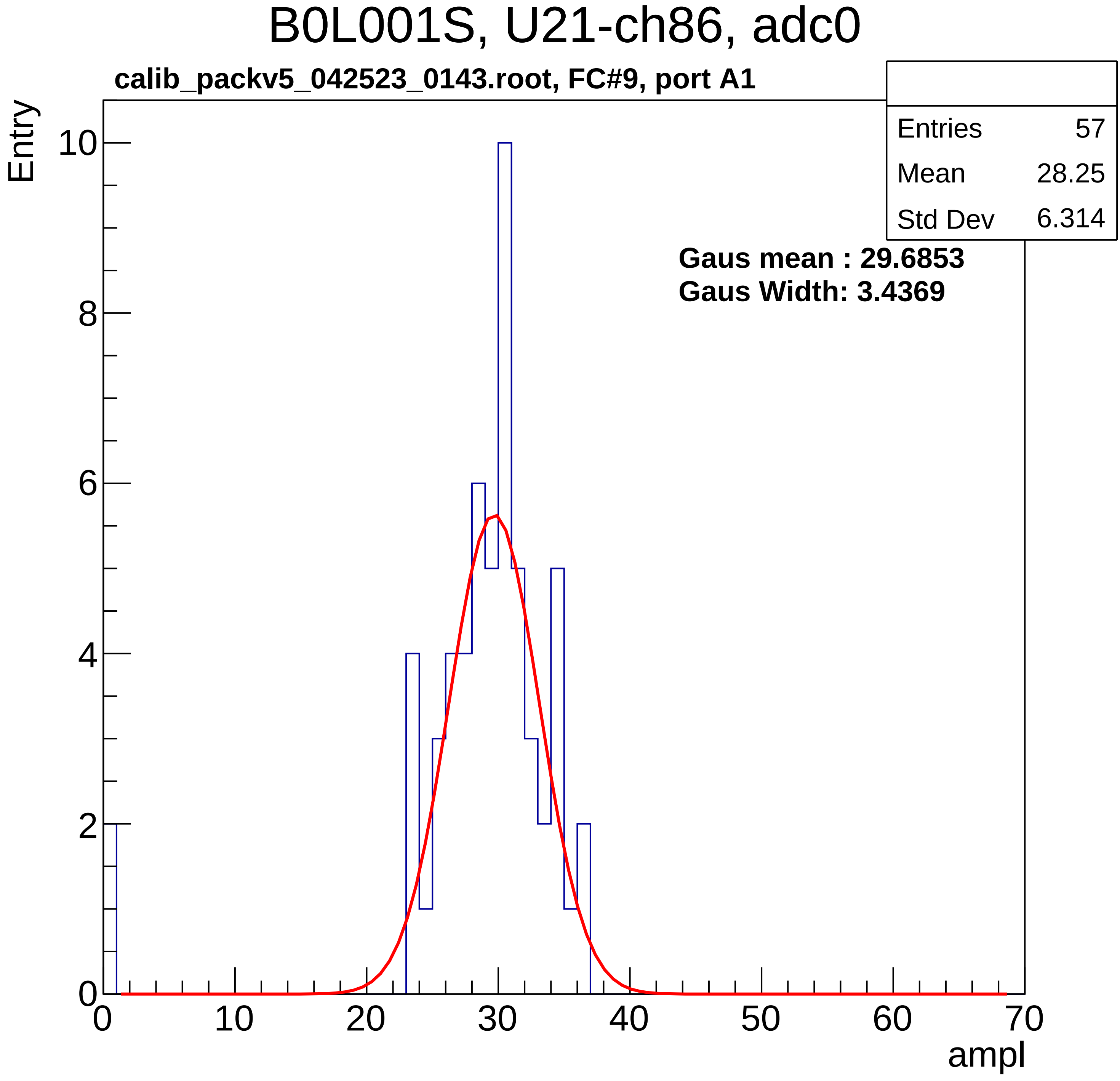

B0L001S, U21-ch85, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 57.15
Std Dev 2.617
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

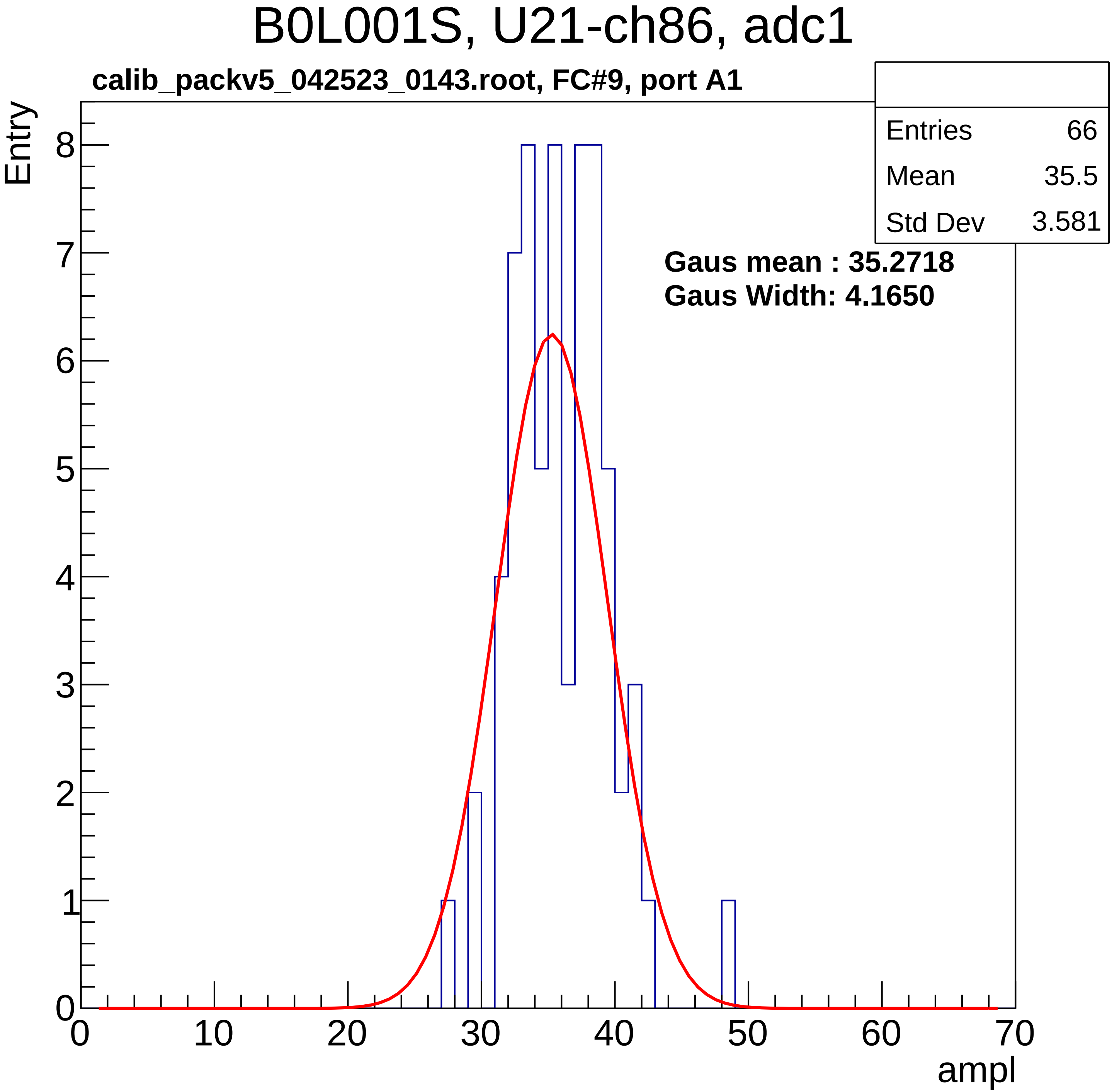

B0L001S, U21-ch85, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 60.83
Std Dev 1.863
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

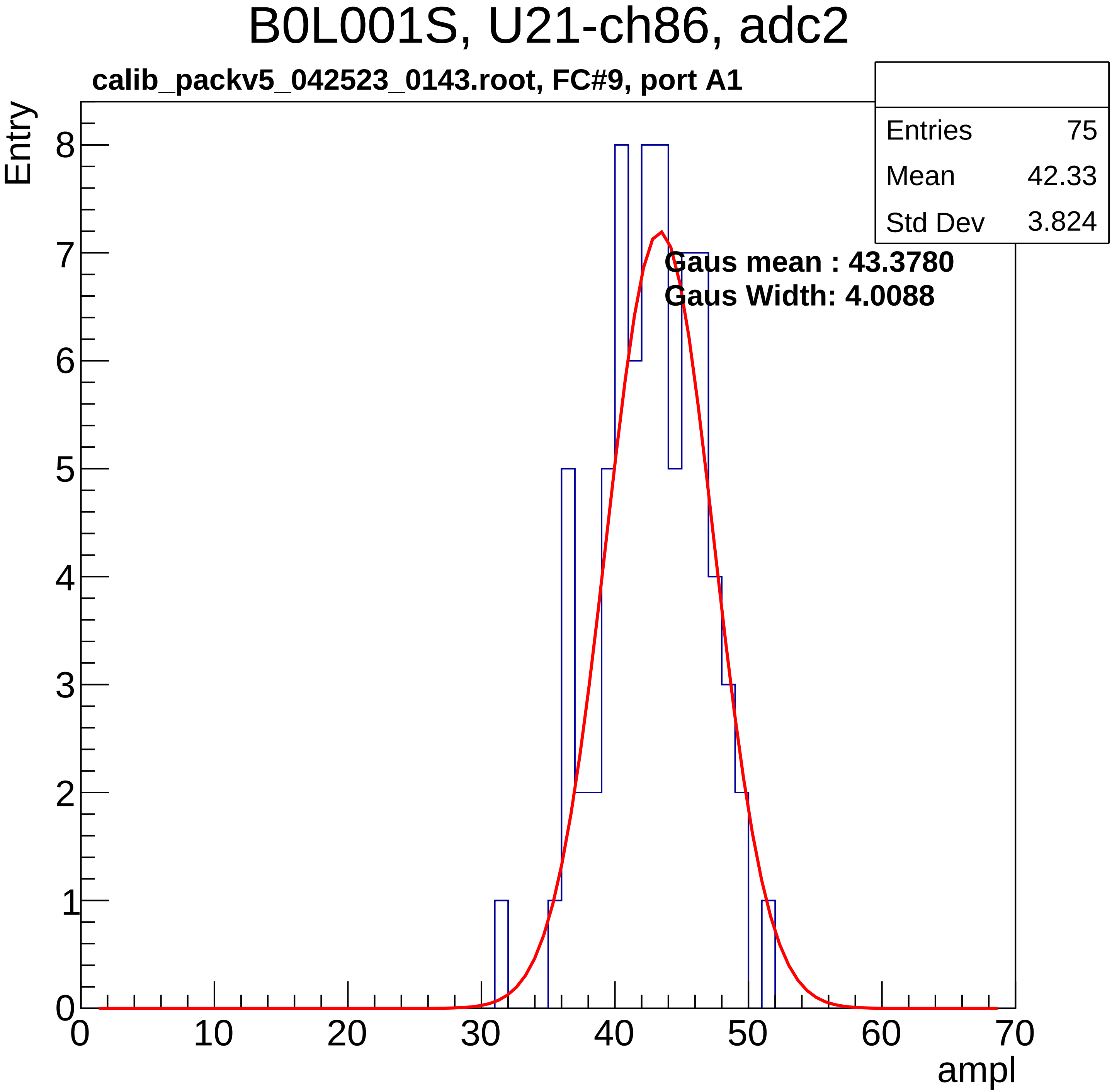

B0L001S, U21-ch85, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 46.25
Std Dev 26.71
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

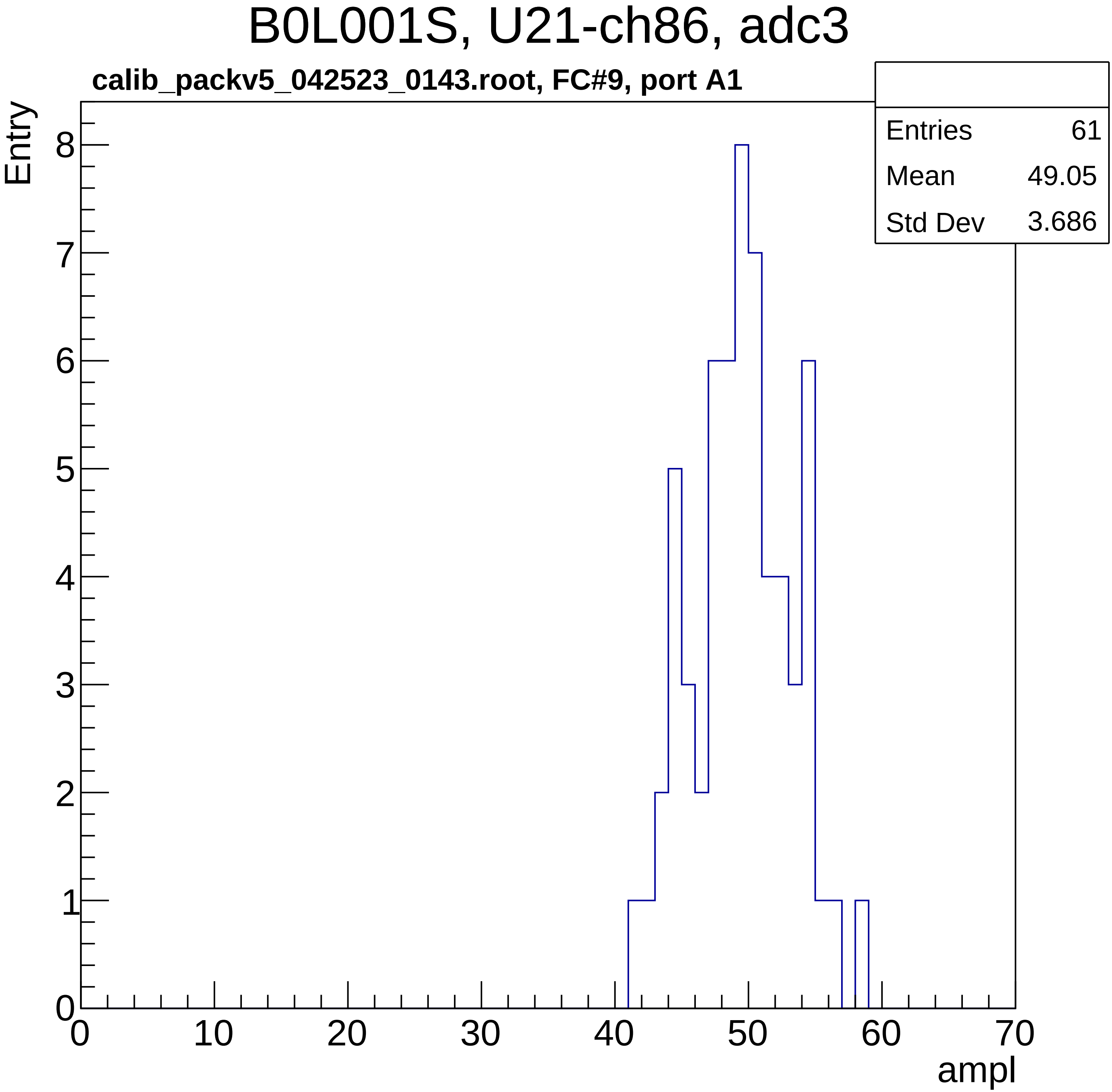
B0L001S, U21-ch85, adc7



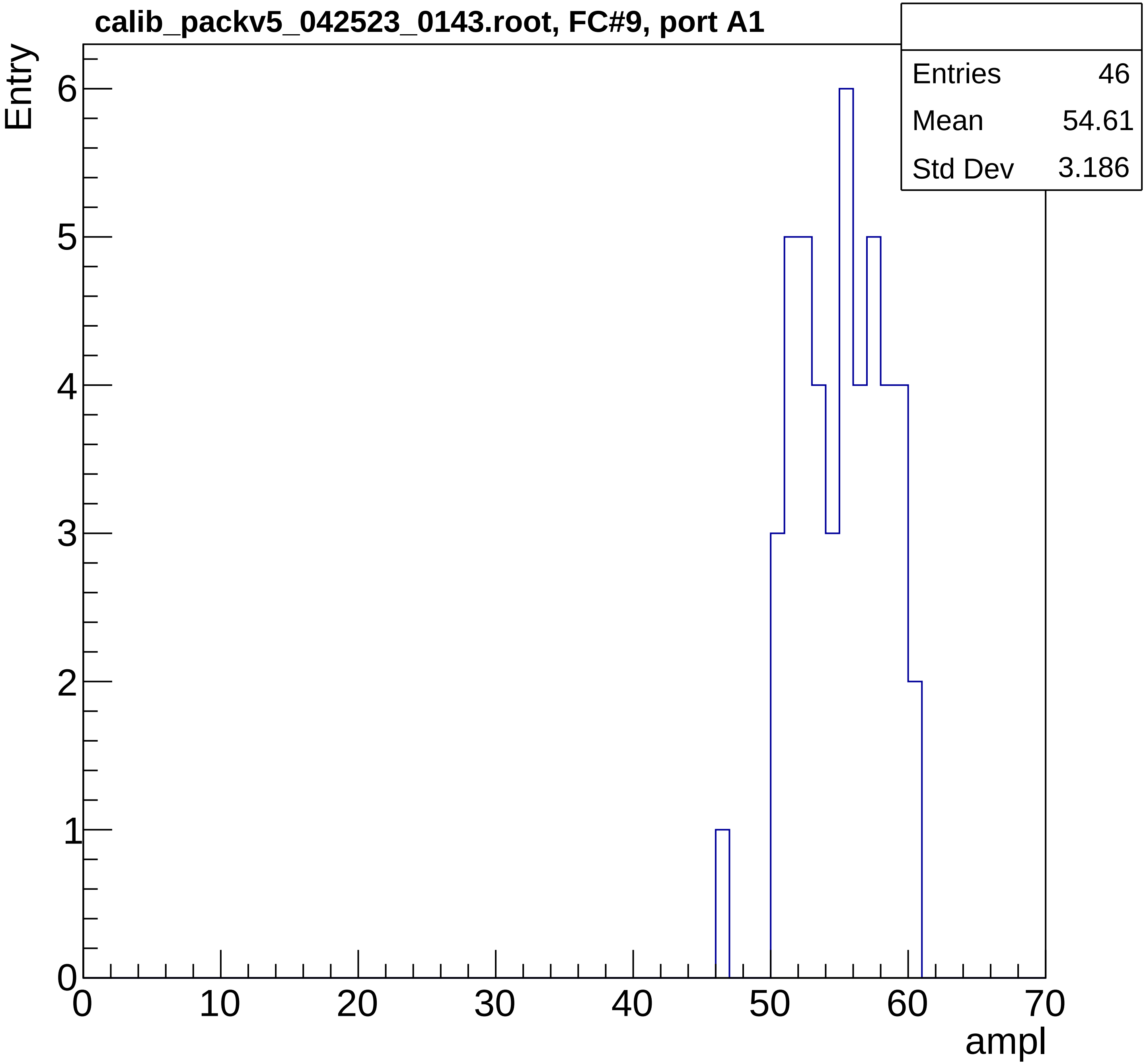

B0L001S, U21-ch86, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 28.25
Std Dev 6.314
Gaus mean : 29.6853
Gaus Width: 3.4369
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch86, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 66
Mean 35.5
Std Dev 3.581
Gaus mean : 35.2718
Gaus Width: 4.1650
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

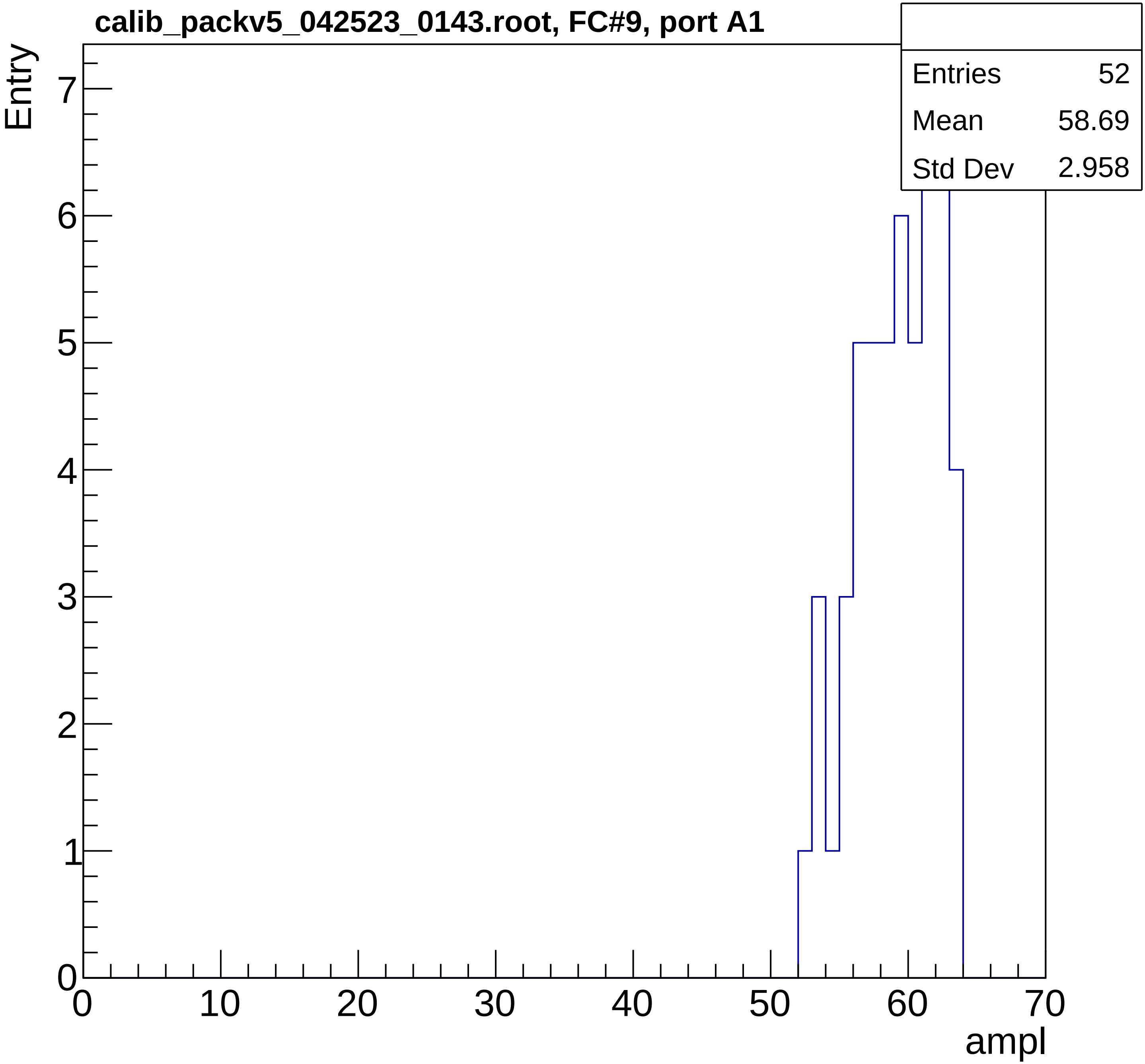

B0L001S, U21-ch86, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 42.33
Std Dev 3.824
Gaus mean : 43.3780
Gaus Width: 4.0088
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch86, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 49.05
Std Dev 3.686
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

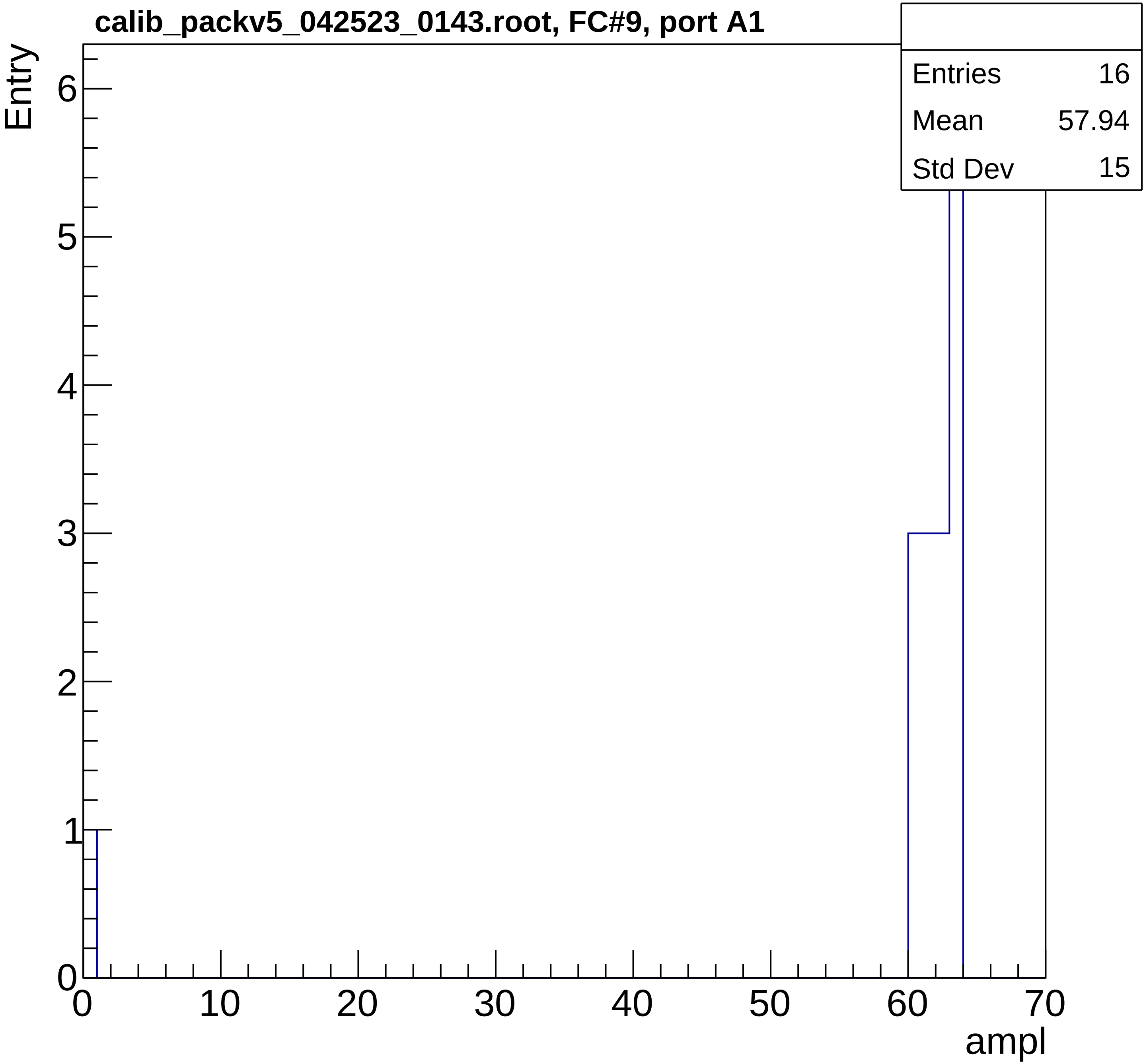
B0L001S, U21-ch86, adc4

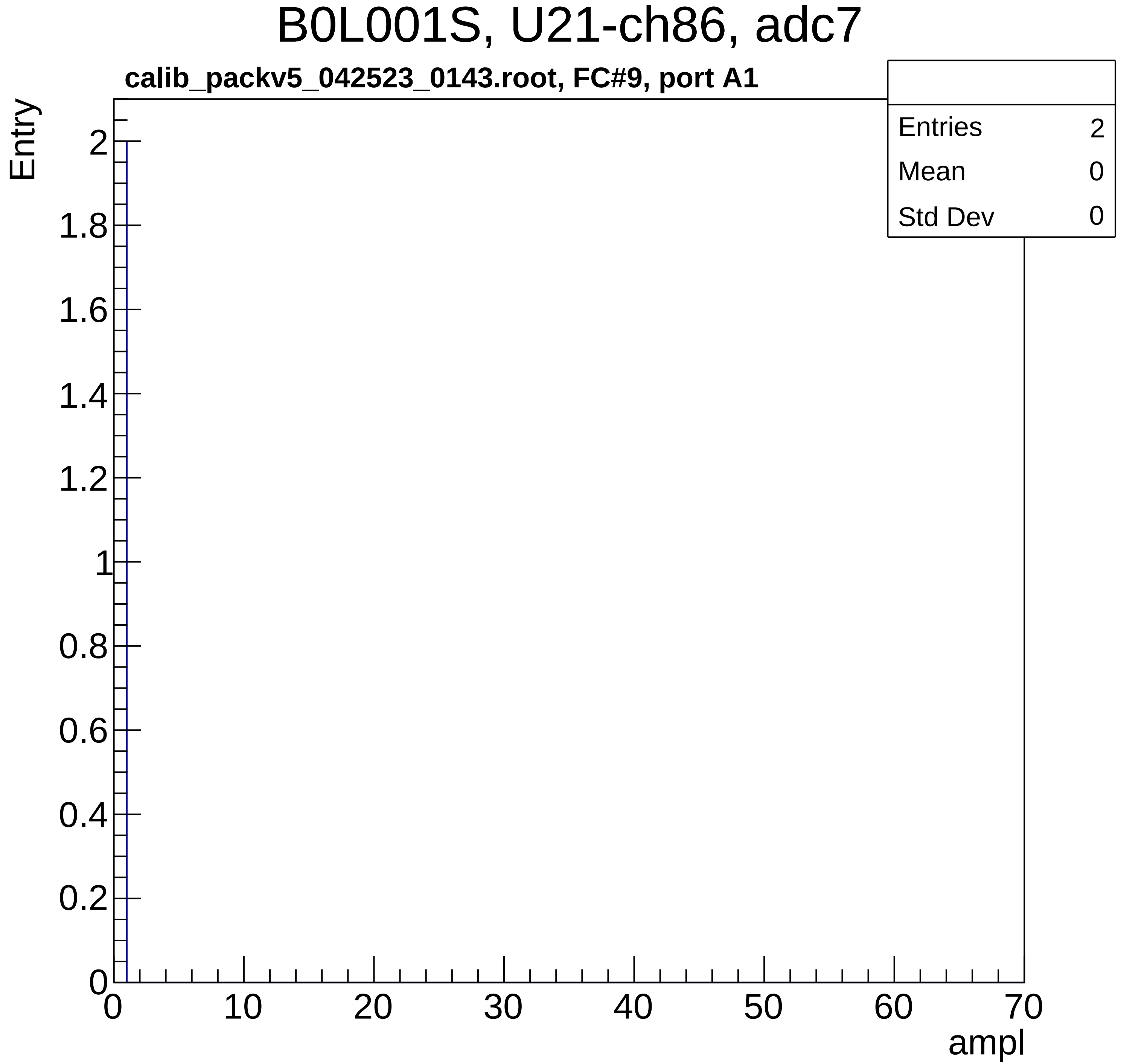


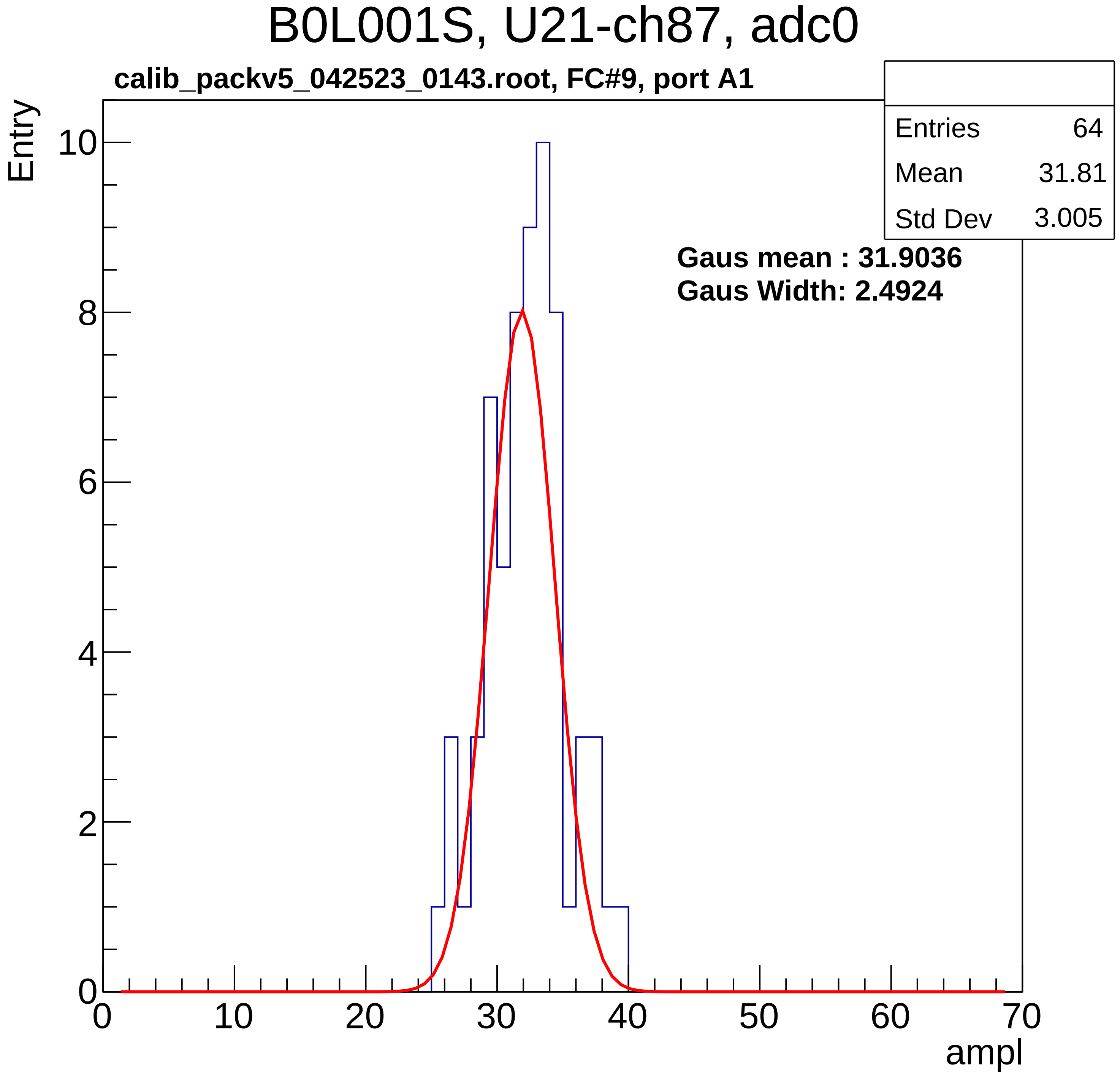
B0L001S, U21-ch86, adc5

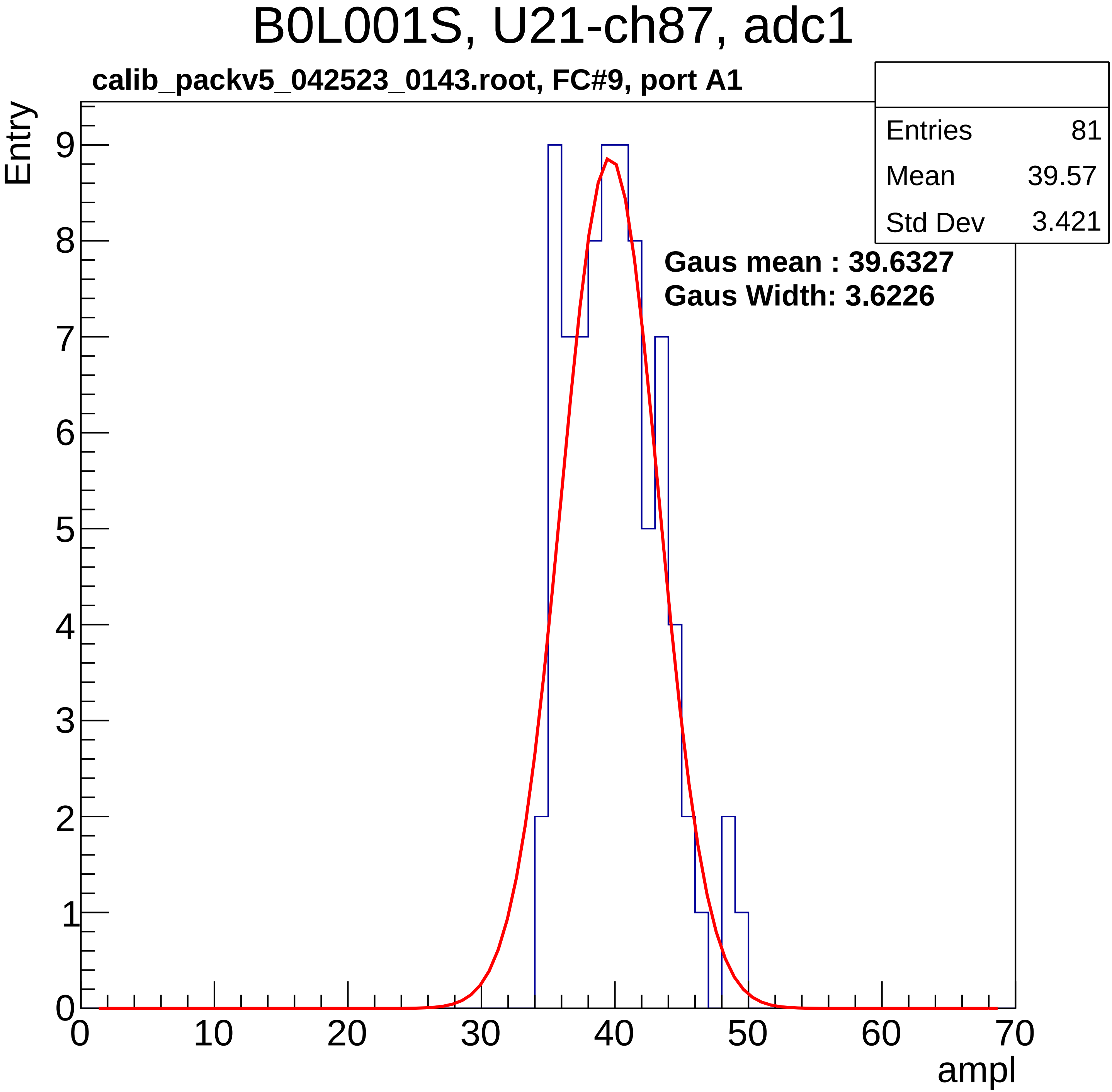


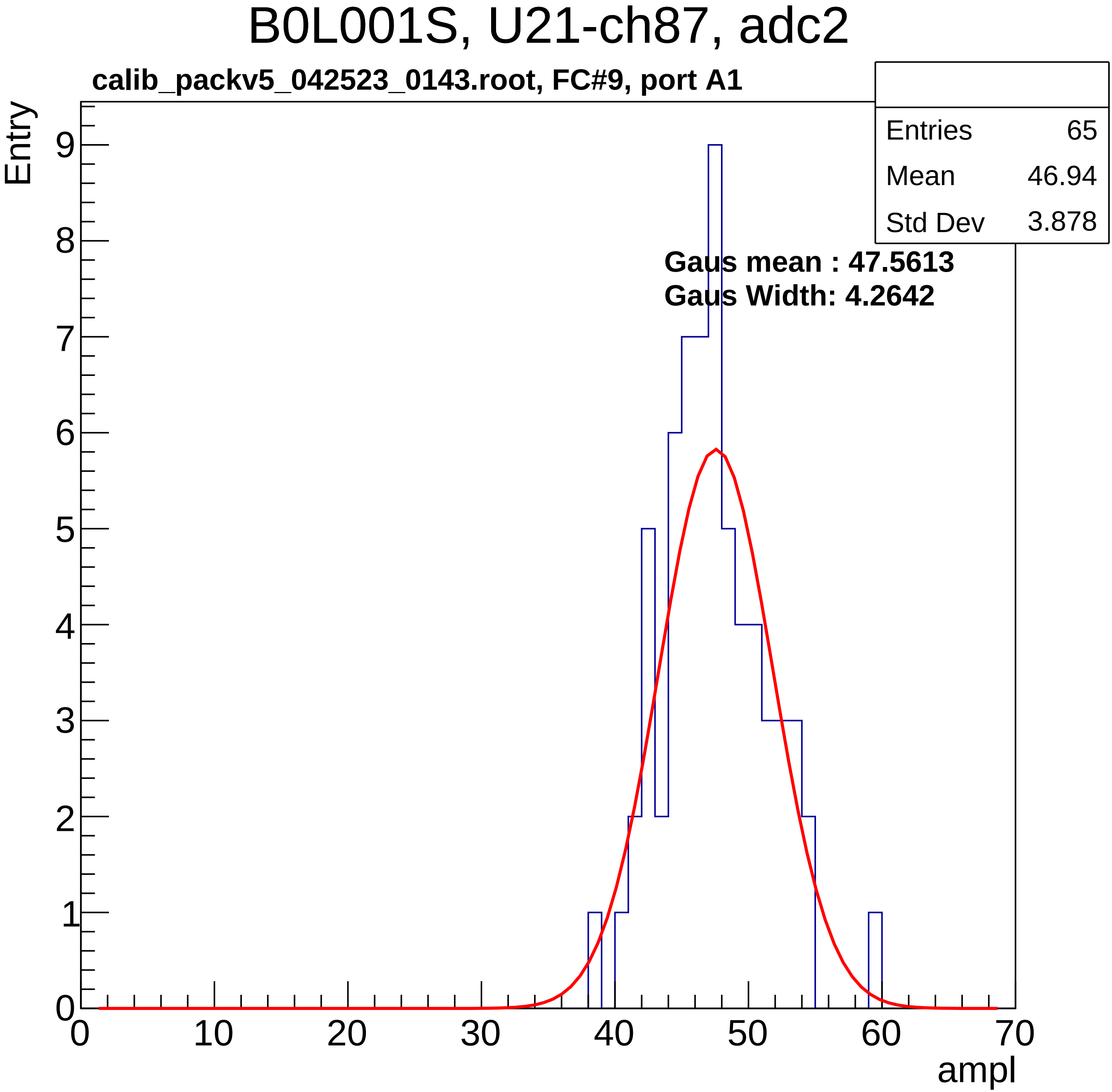
B0L001S, U21-ch86, adc6




B0L001S, U21-ch86, adc7
calib_packv5_042523_0143.root, FC#9, port A1
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

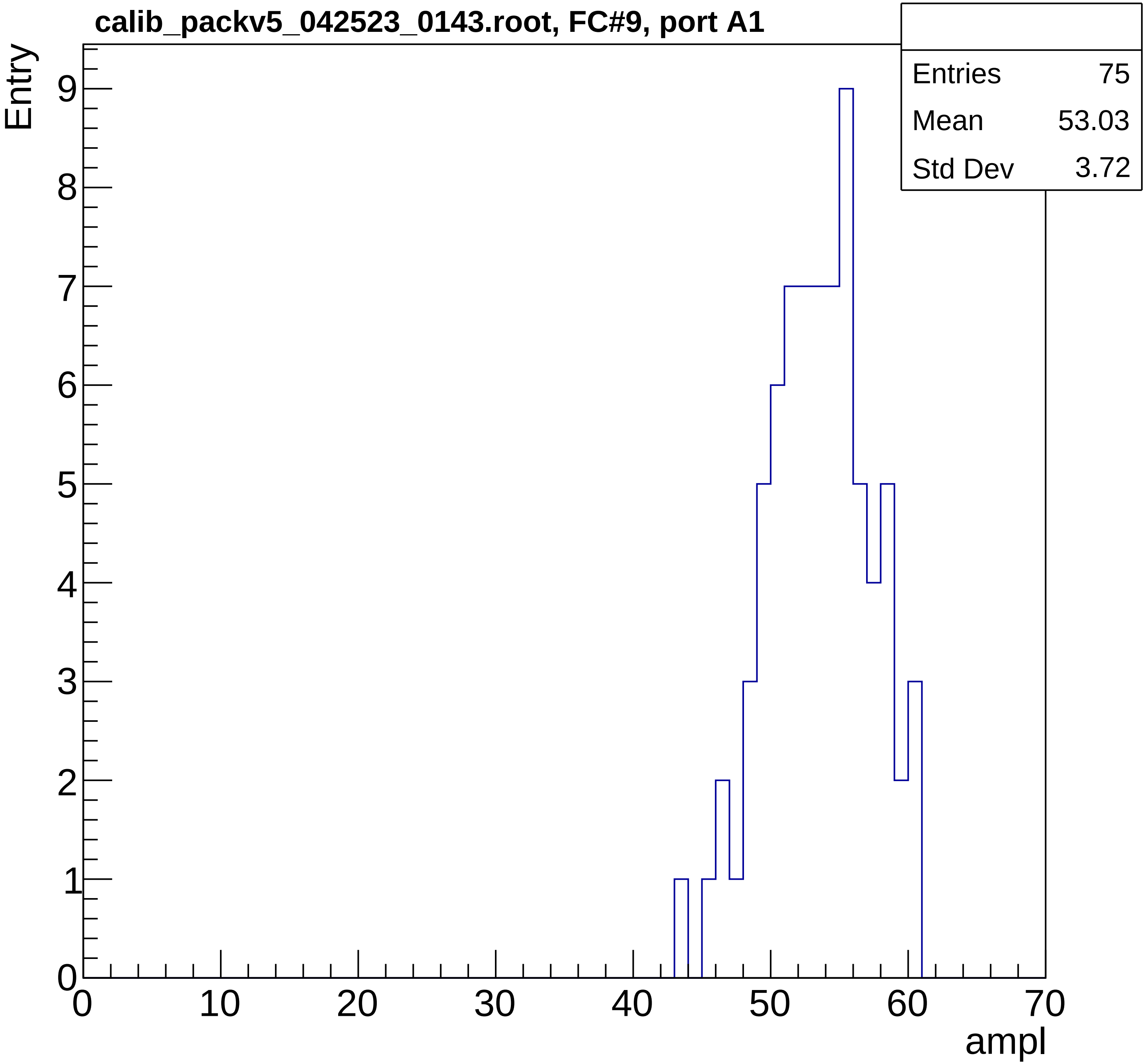

B0L001S, U21-ch87, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 31.81
Std Dev 3.005
Gaus mean : 31.9036
Gaus Width: 2.4924
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

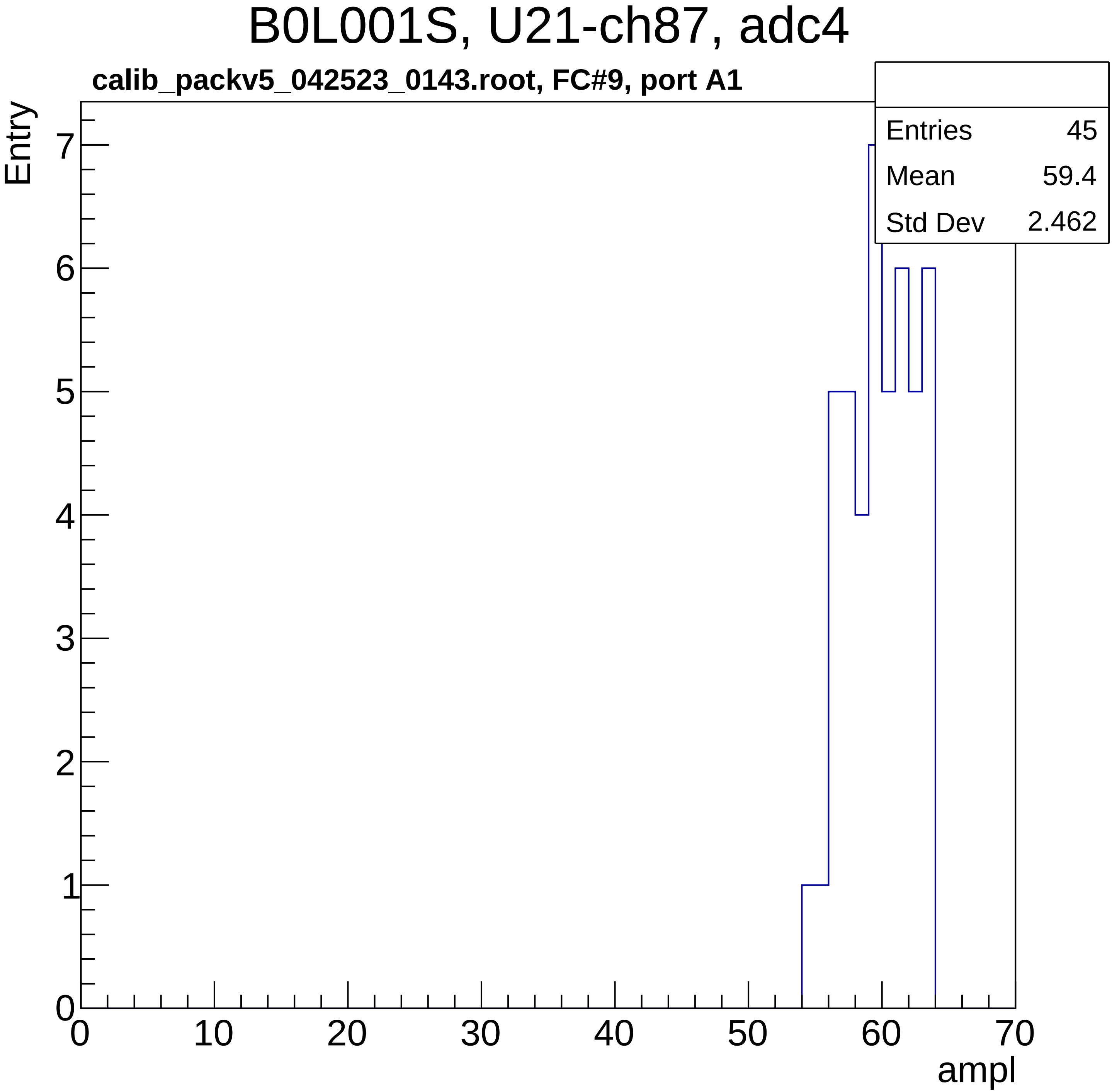

B0L001S, U21-ch87, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 81
Mean 39.57
Std Dev 3.421
Gaus mean : 39.6327
Gaus Width: 3.6226
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch87, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 46.94
Std Dev 3.878
Gaus mean : 47.5613
Gaus Width: 4.2642
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

B0L001S, U21-ch87, adc3

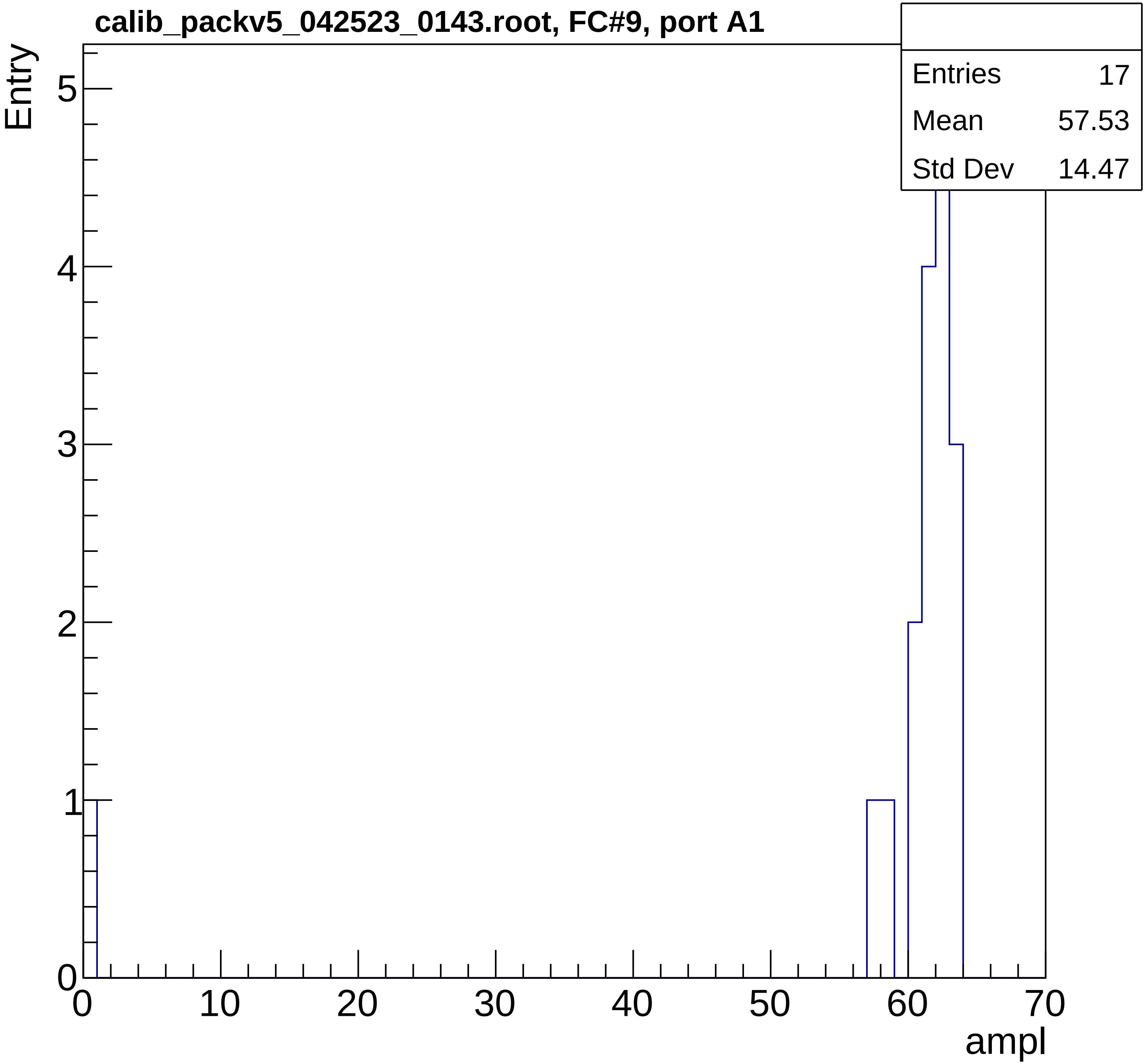
calib_packv5_042523_0143.root, FC#9, port A1

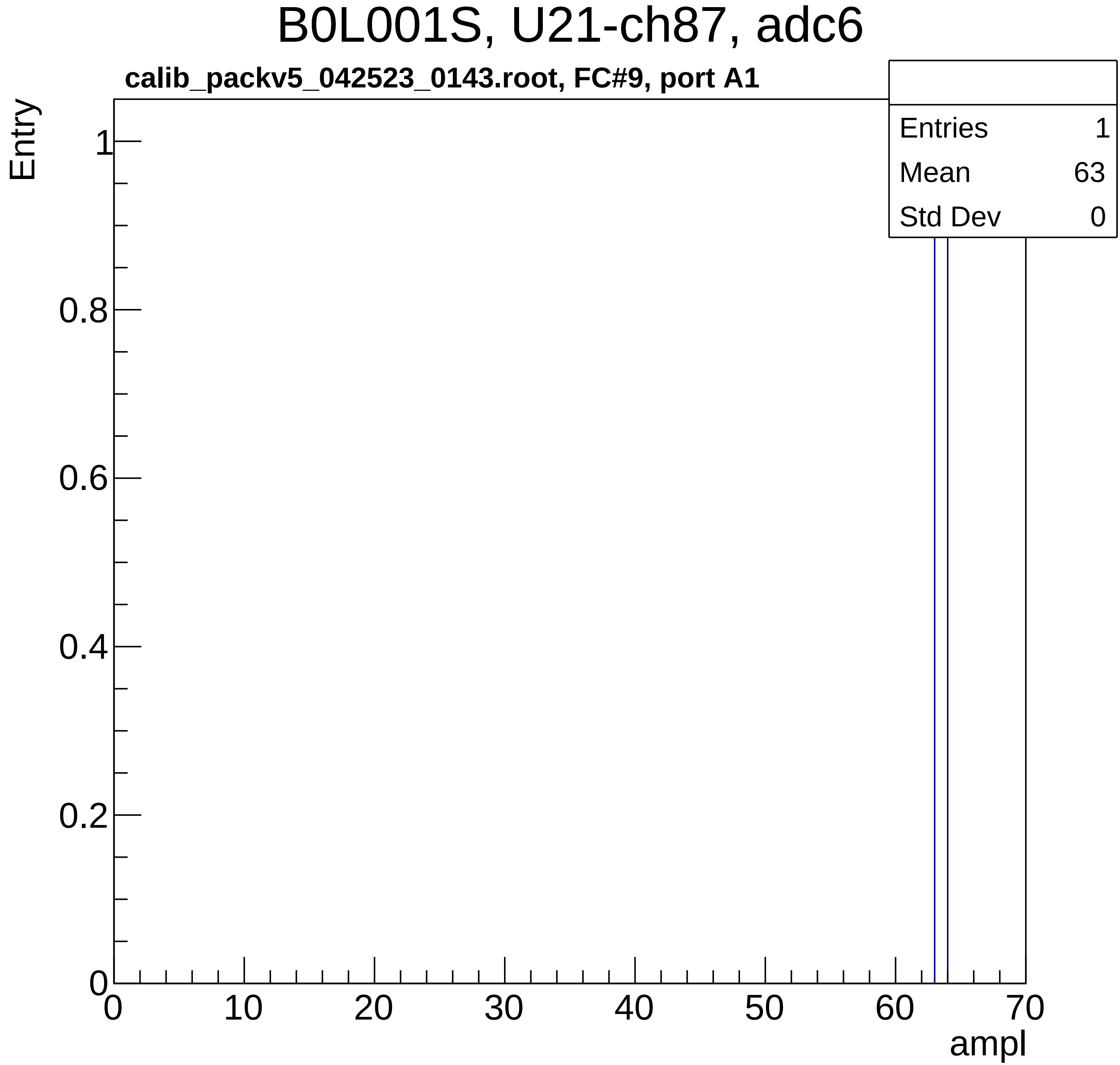



B0L001S, U21-ch87, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 59.4
Std Dev 2.462
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

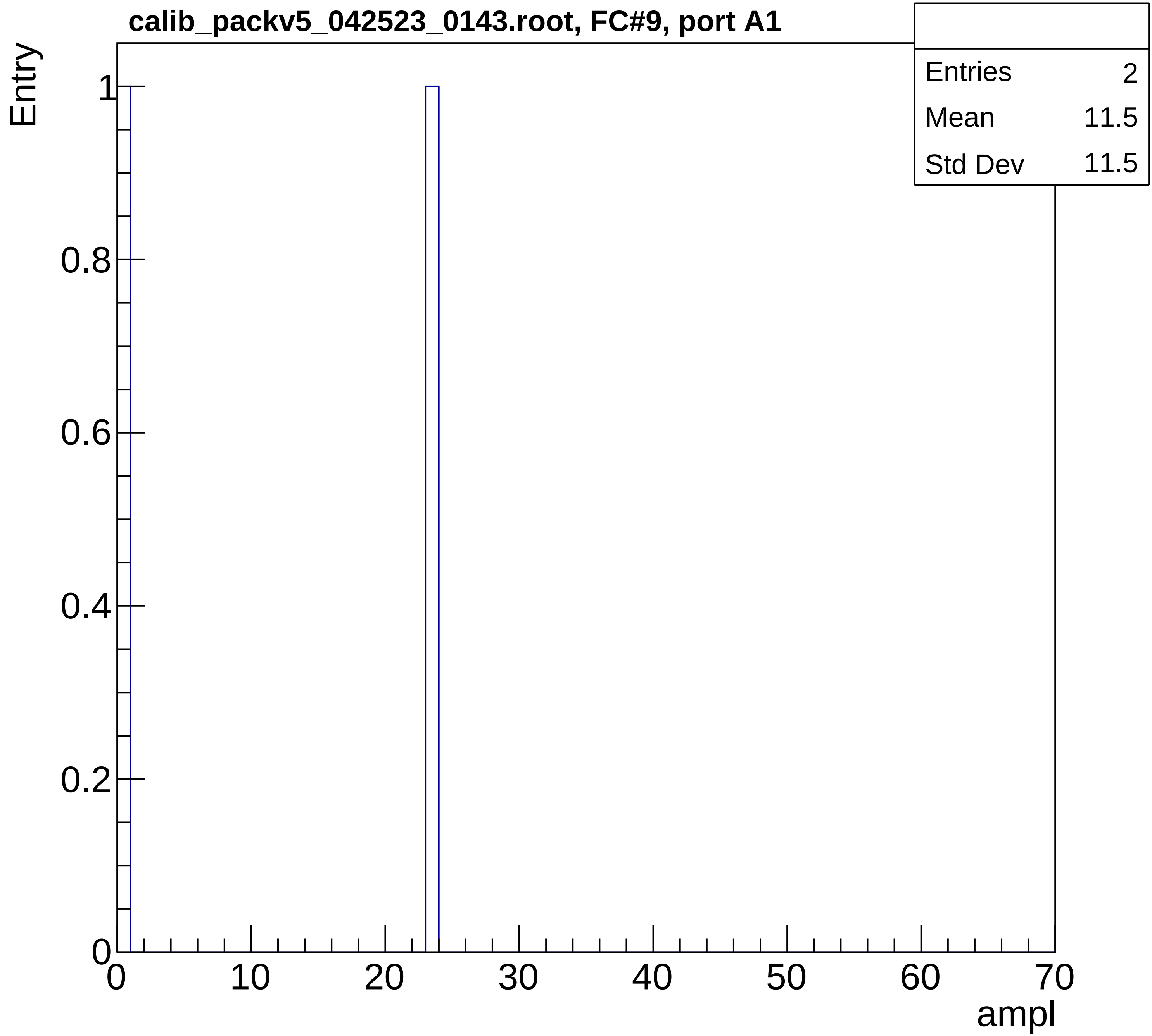
B0L001S, U21-ch87, adc5

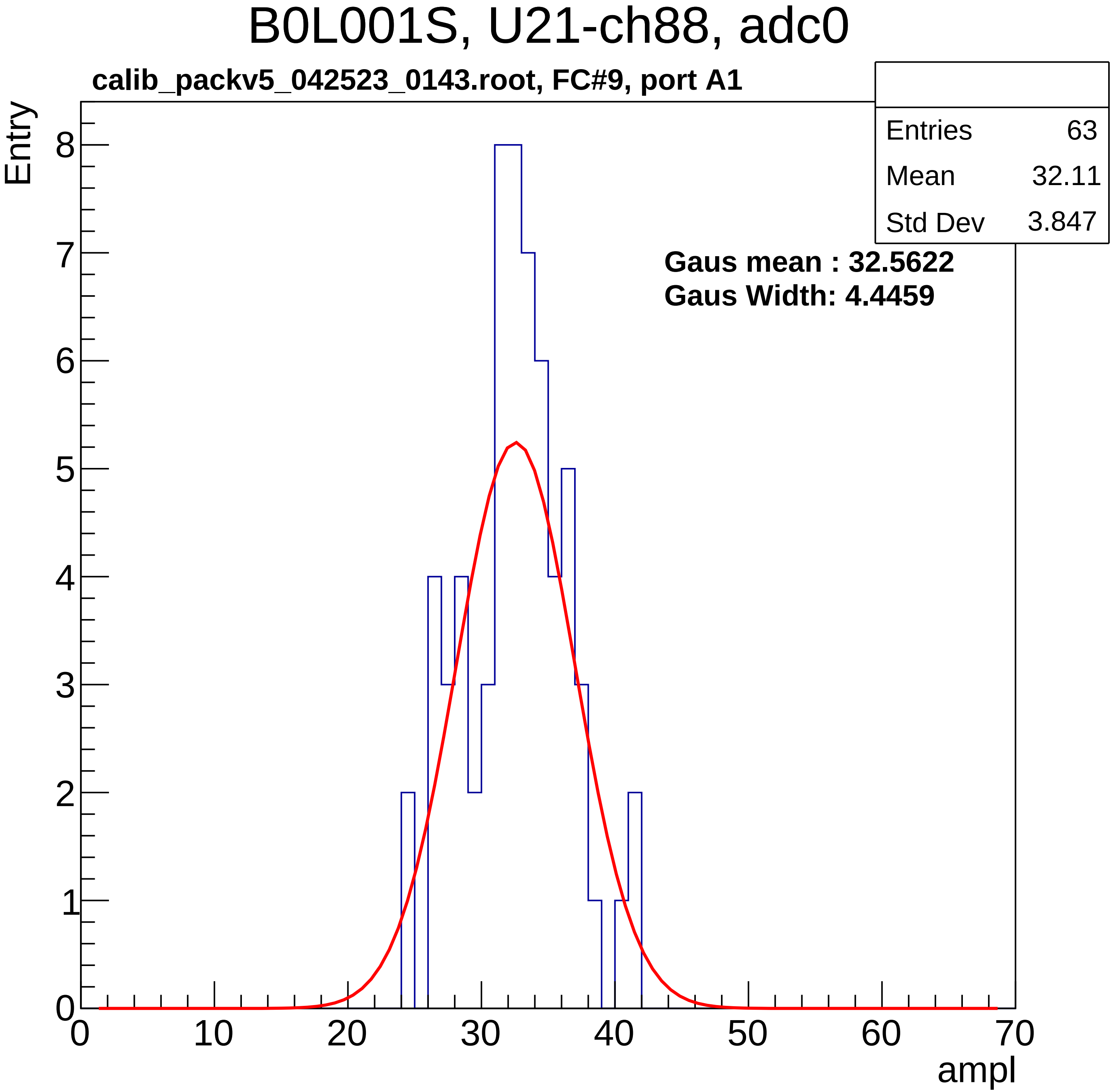
calib_packv5_042523_0143.root, FC#9, port A1



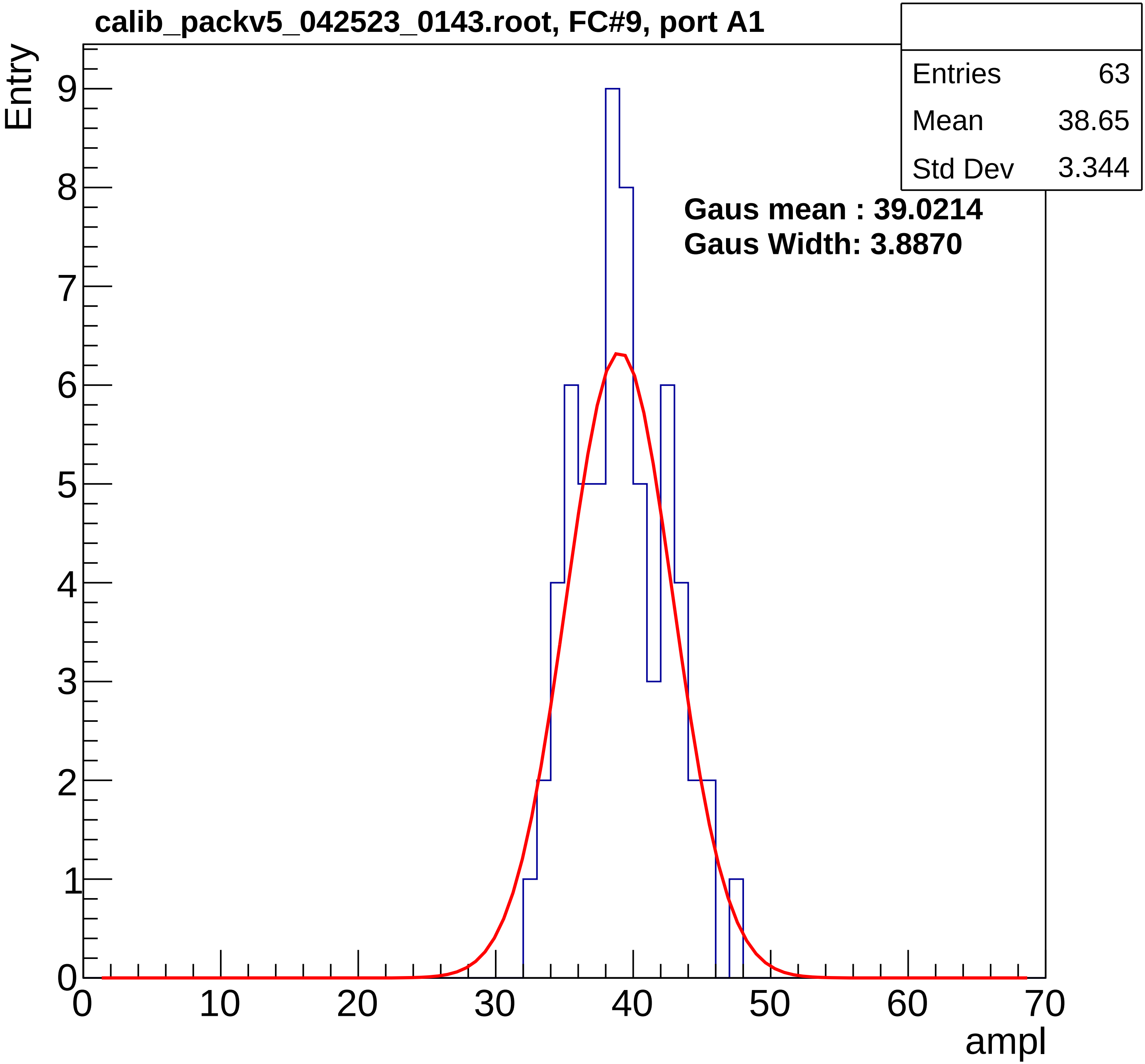

B0L001S, U21-ch87, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

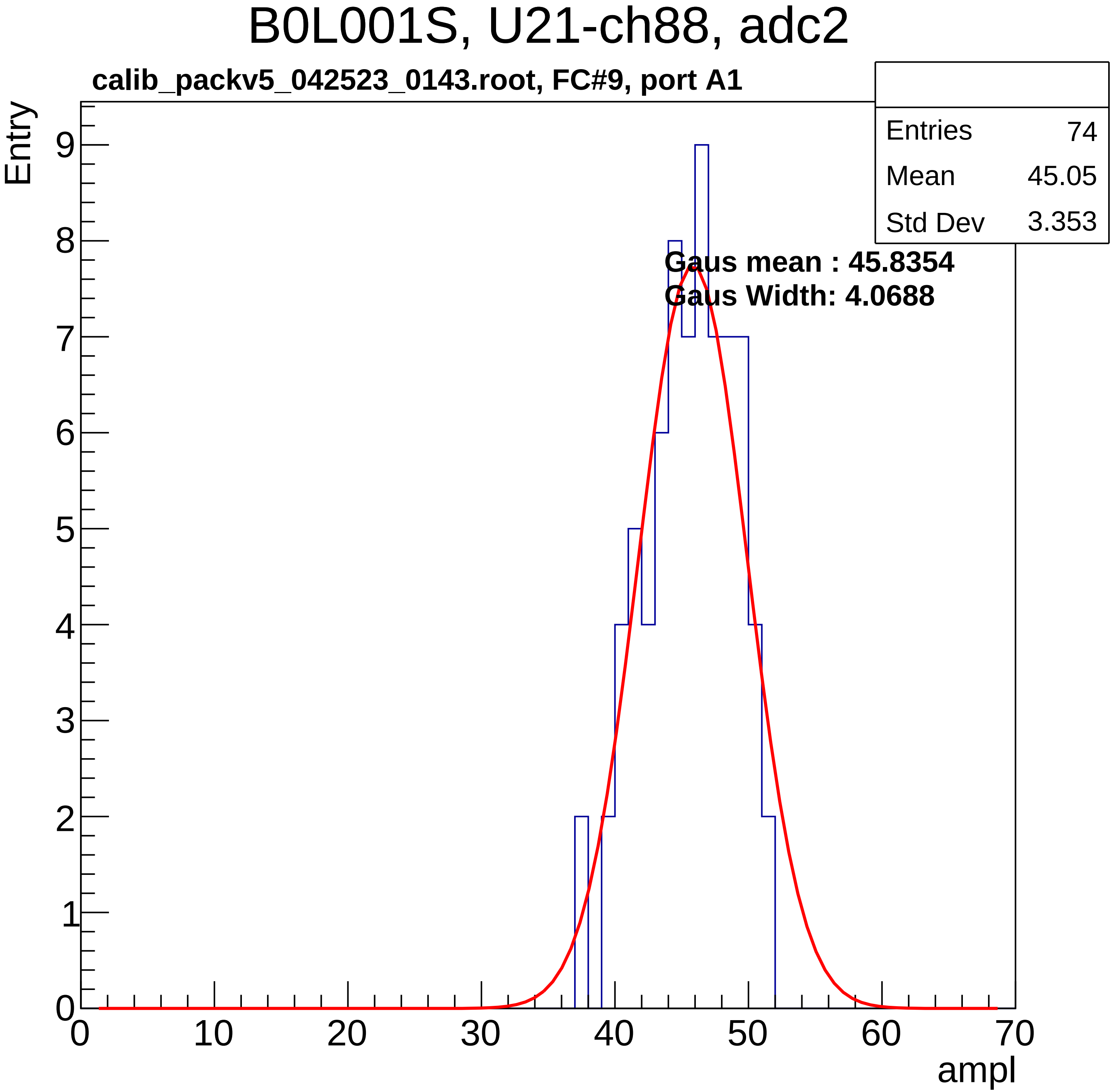
B0L001S, U21-ch87, adc7



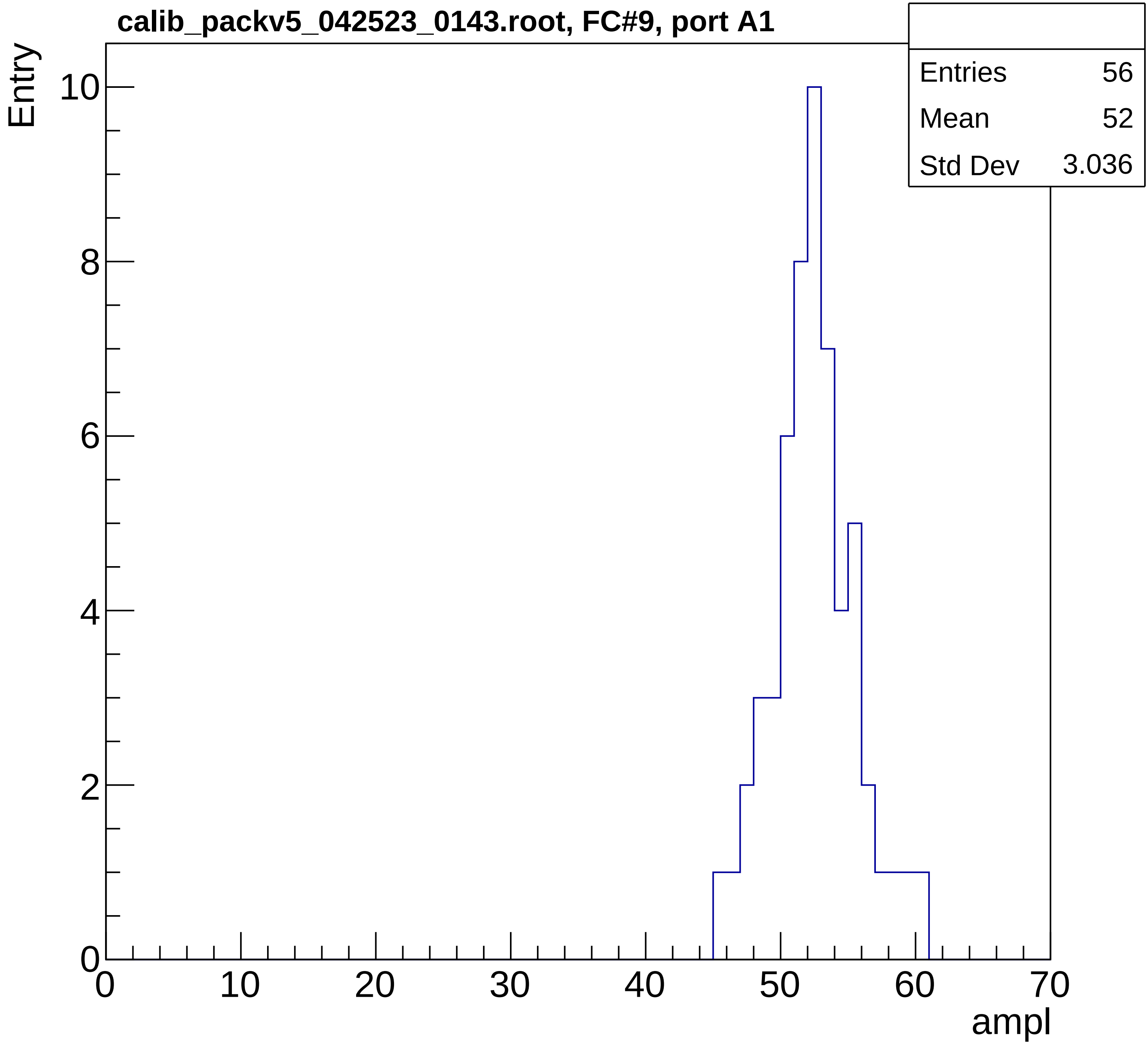

B0L001S, U21-ch88, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 32.11
Std Dev 3.847
Gaus mean : 32.5622
Gaus Width: 4.4459
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

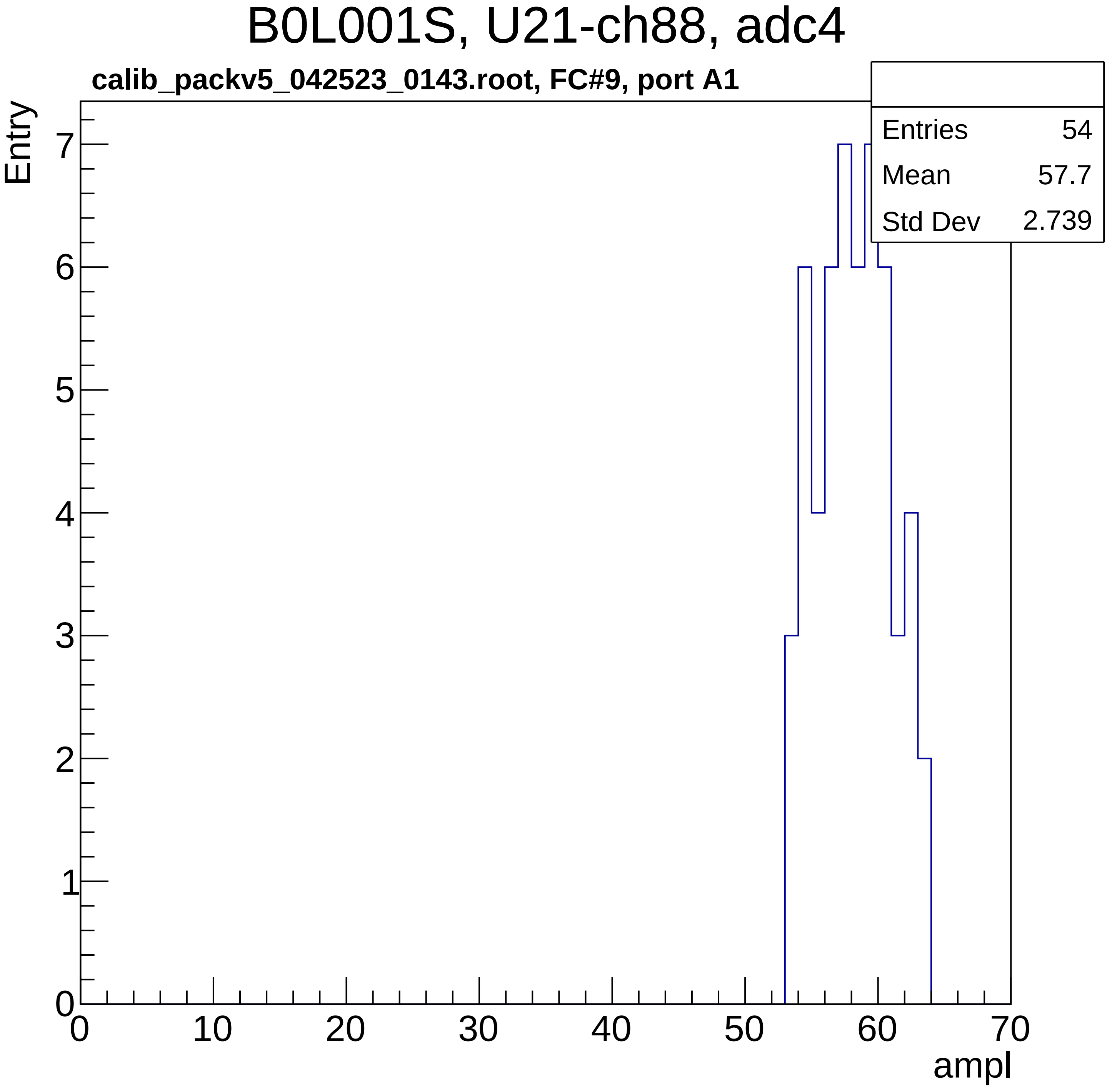
B0L001S, U21-ch88, adc1

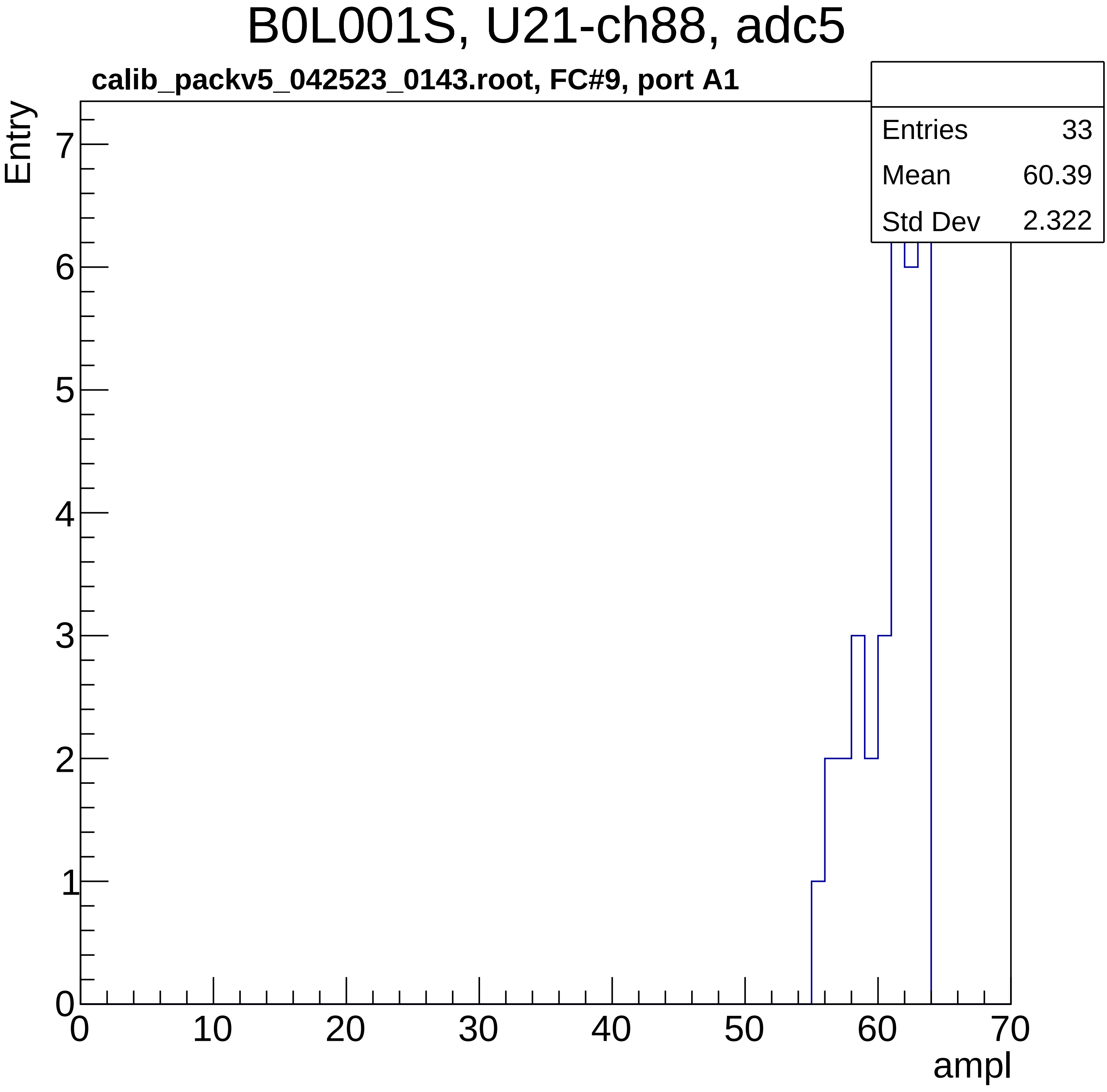



B0L001S, U21-ch88, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 74
Mean 45.05
Std Dev 3.353
Gaus mean : 45.8354
Gaus Width: 4.0688
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

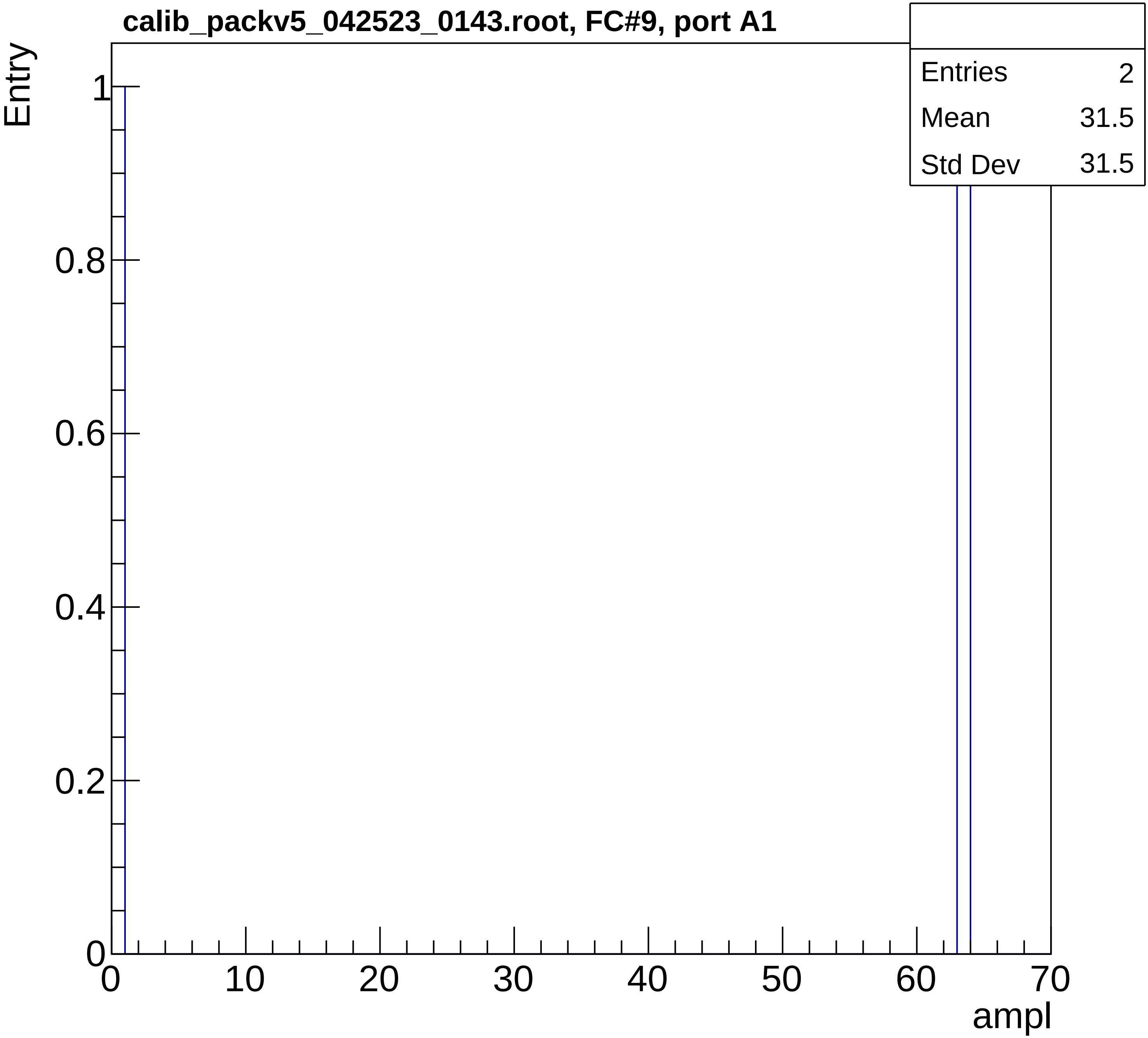
B0L001S, U21-ch88, adc3

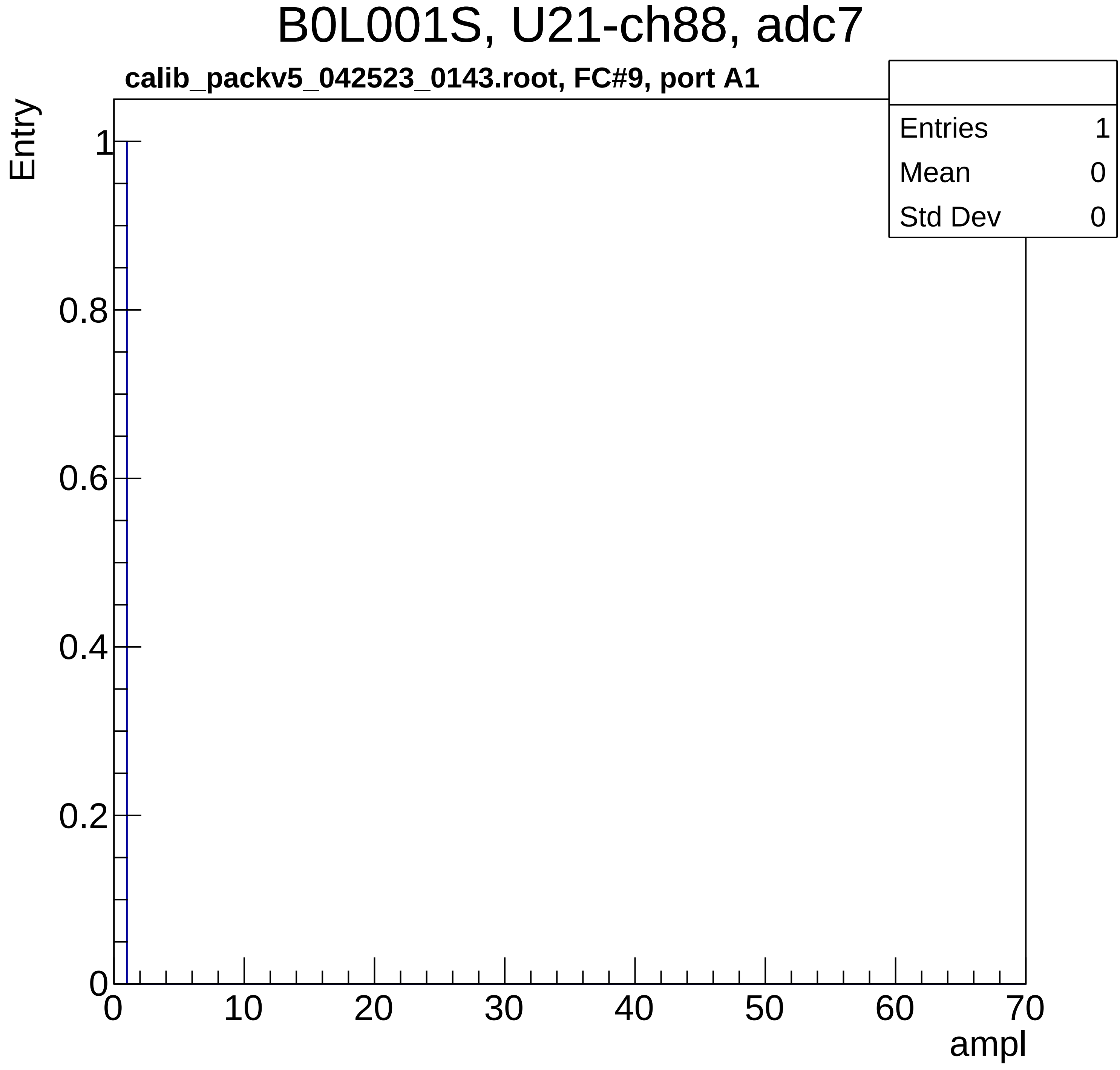


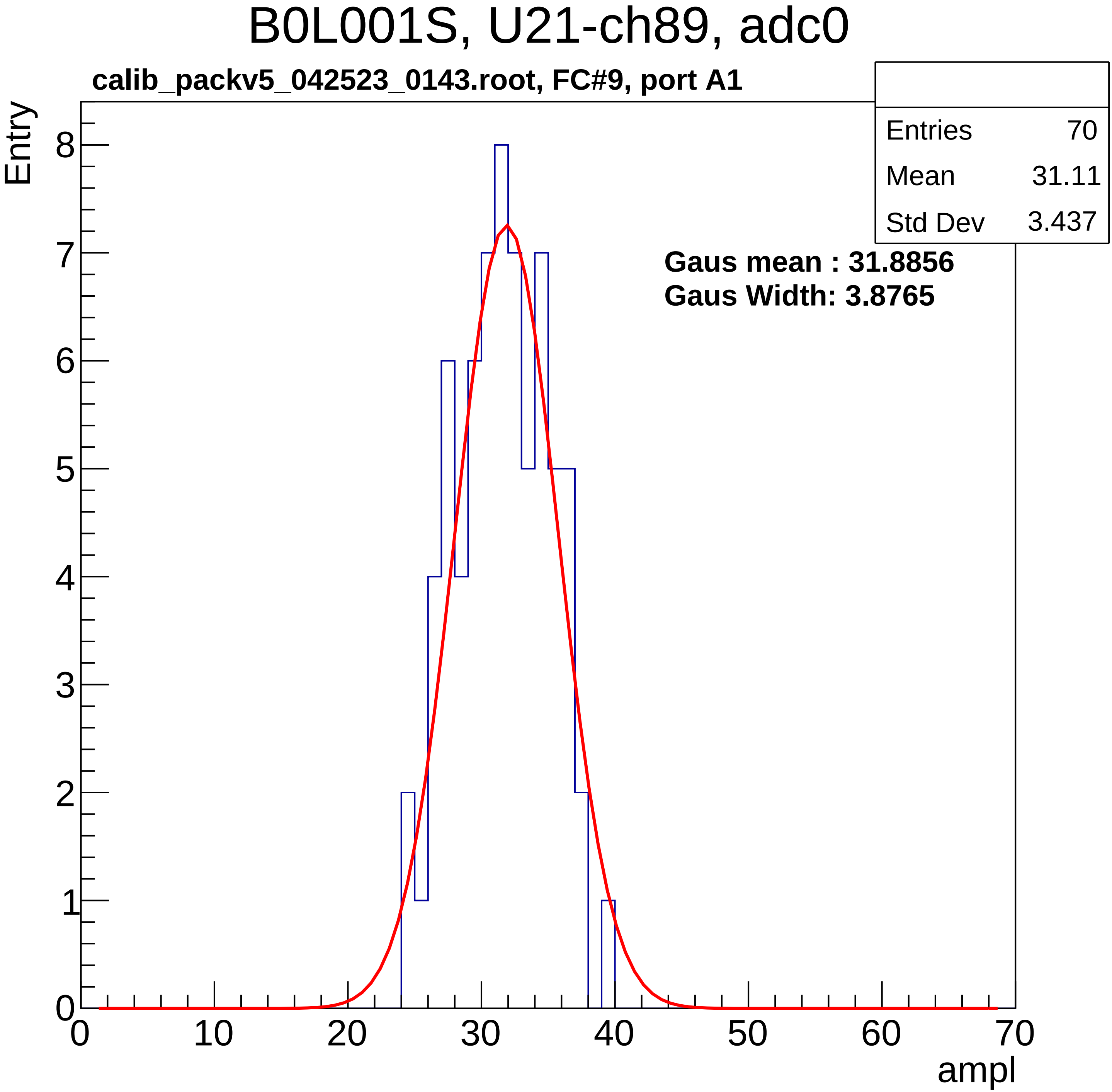

B0L001S, U21-ch88, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 57.7
Std Dev 2.739
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

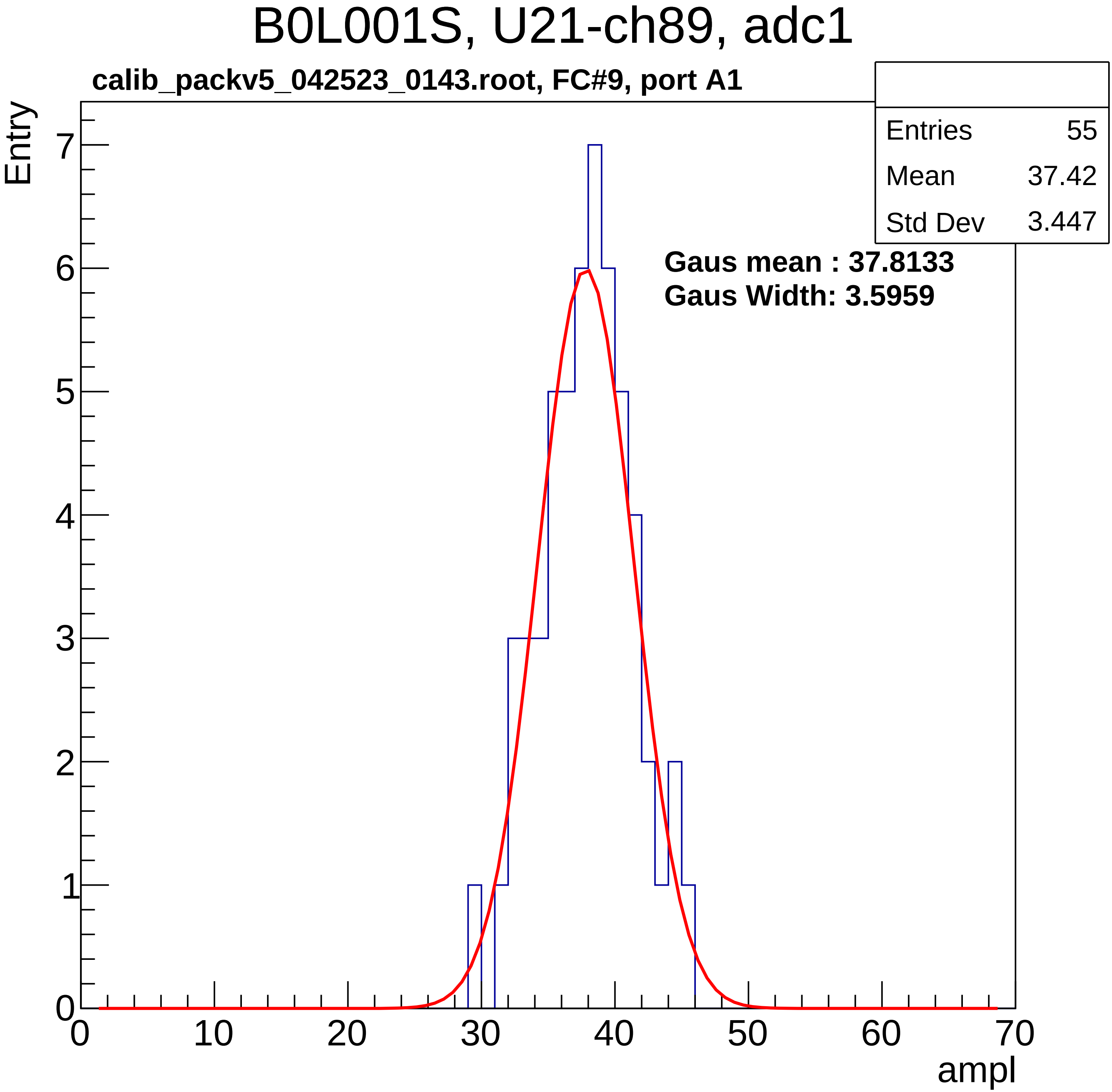

B0L001S, U21-ch88, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 60.39
Std Dev 2.322
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

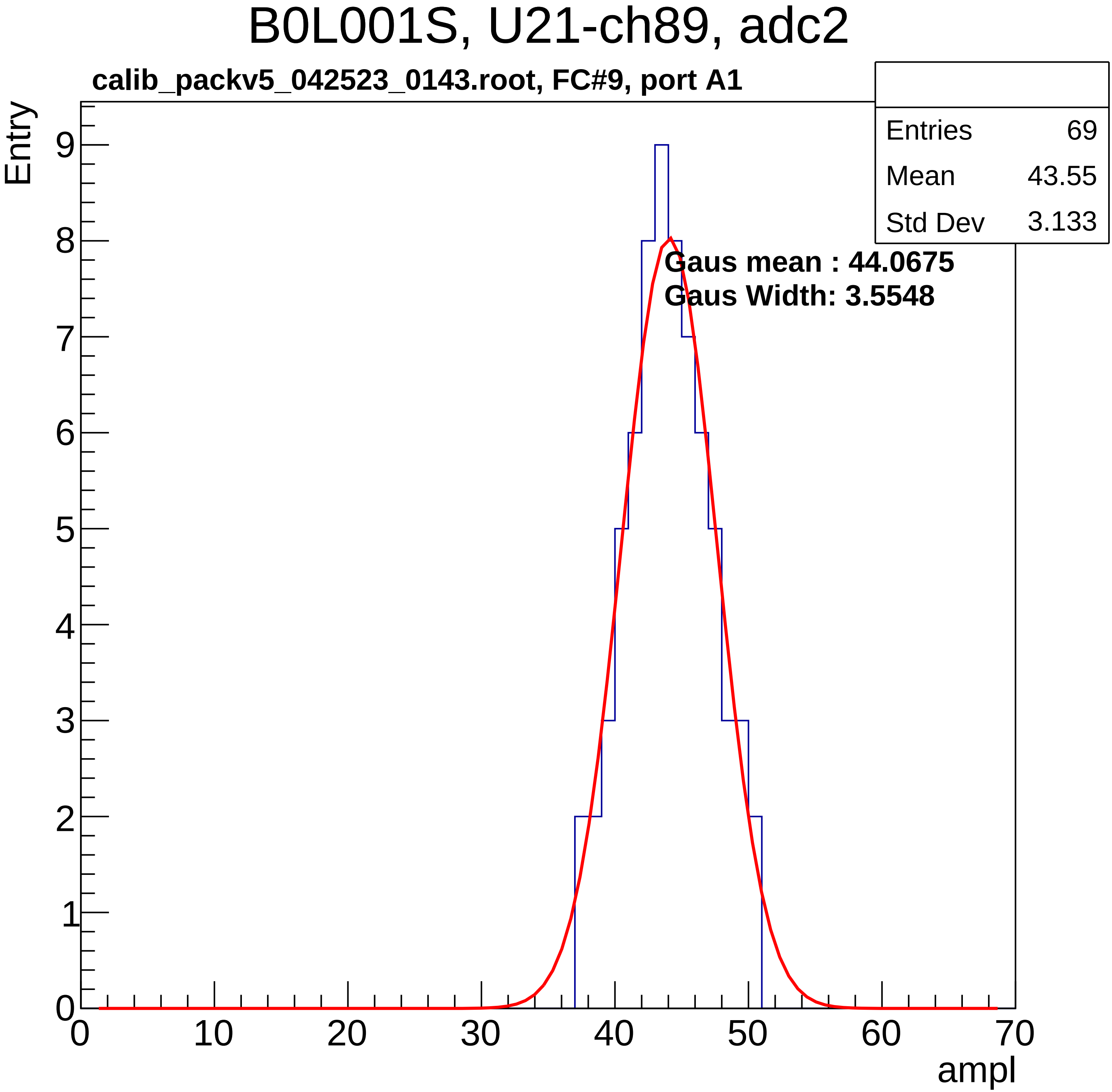
B0L001S, U21-ch88, adc6

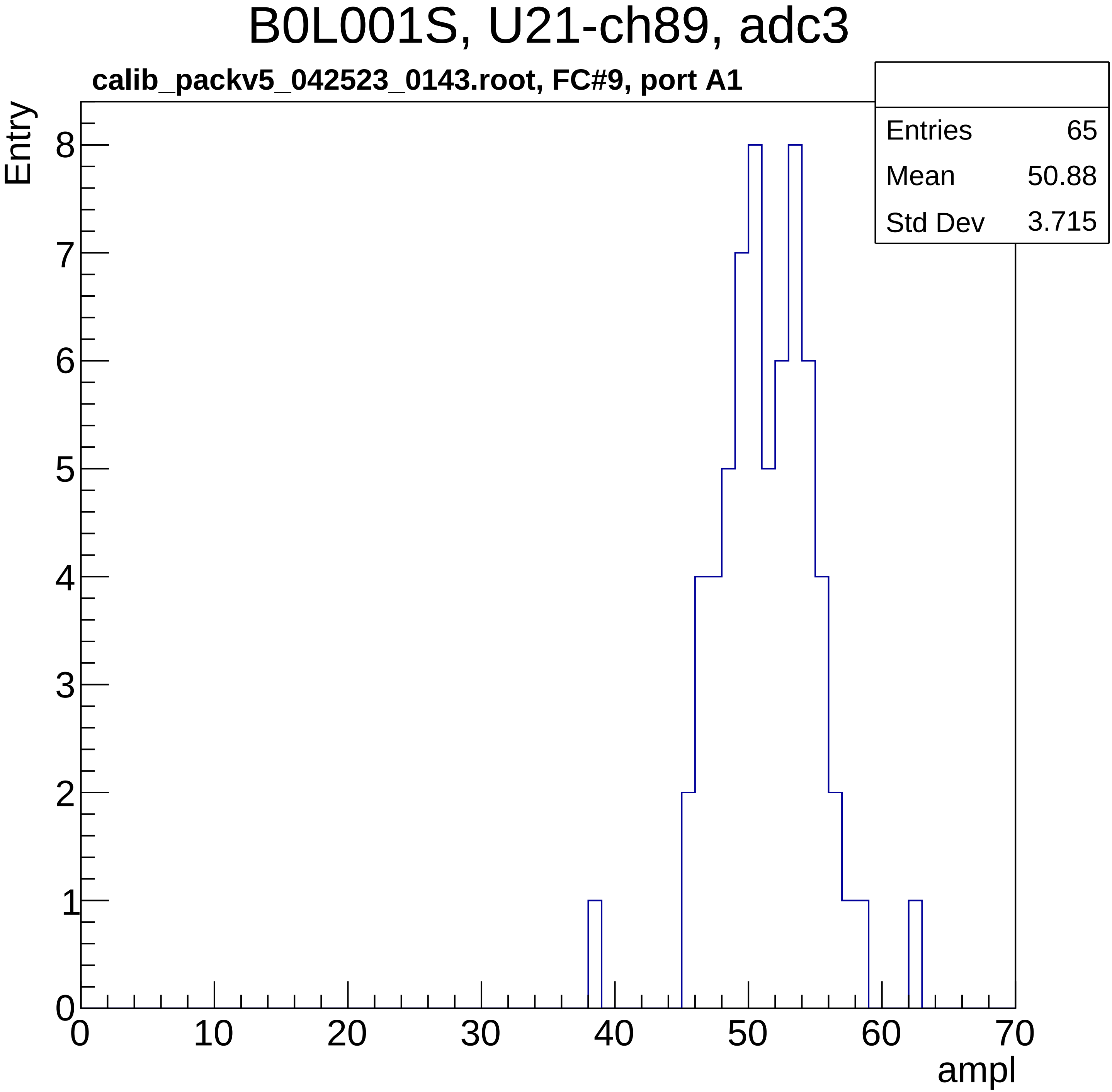


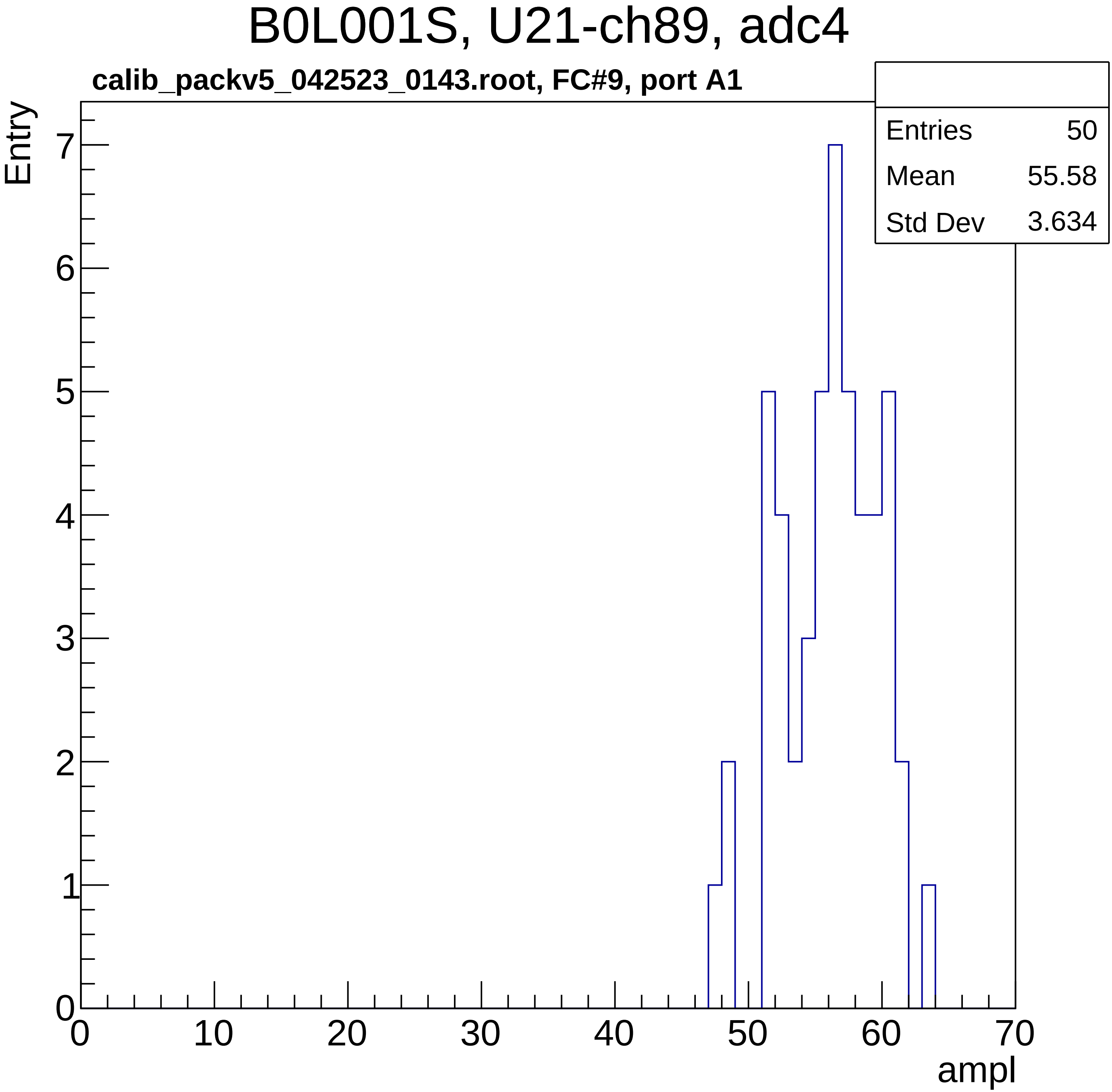

B0L001S, U21-ch88, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B0L001S, U21-ch89, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 31.11
Std Dev 3.437
Gaus mean : 31.8856
Gaus Width: 3.8765
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch89, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 37.42
Std Dev 3.447
Gaus mean : 37.8133
Gaus Width: 3.5959
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

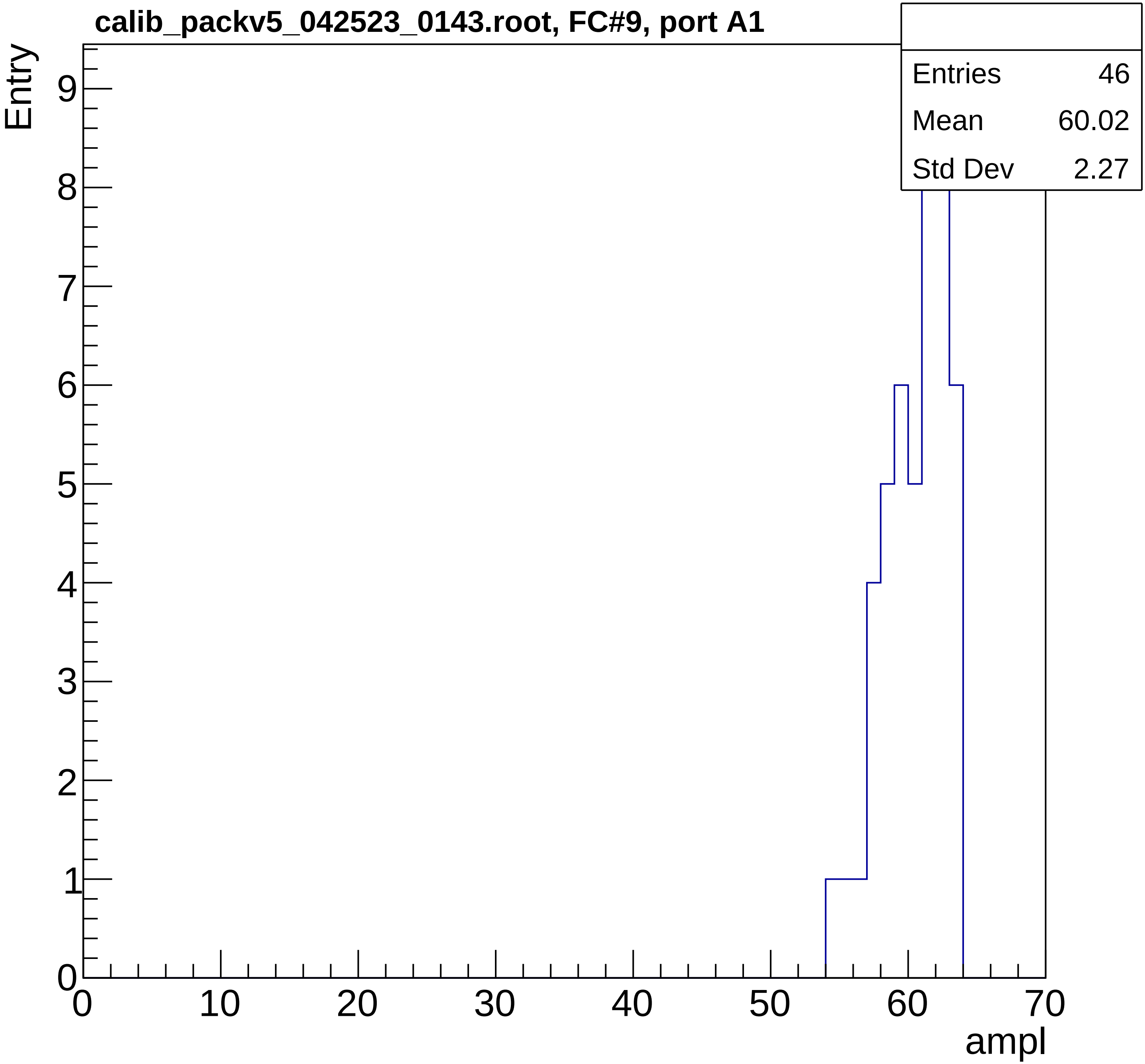

B0L001S, U21-ch89, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 43.55
Std Dev 3.133
Gaus mean : 44.0675
Gaus Width: 3.5548
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

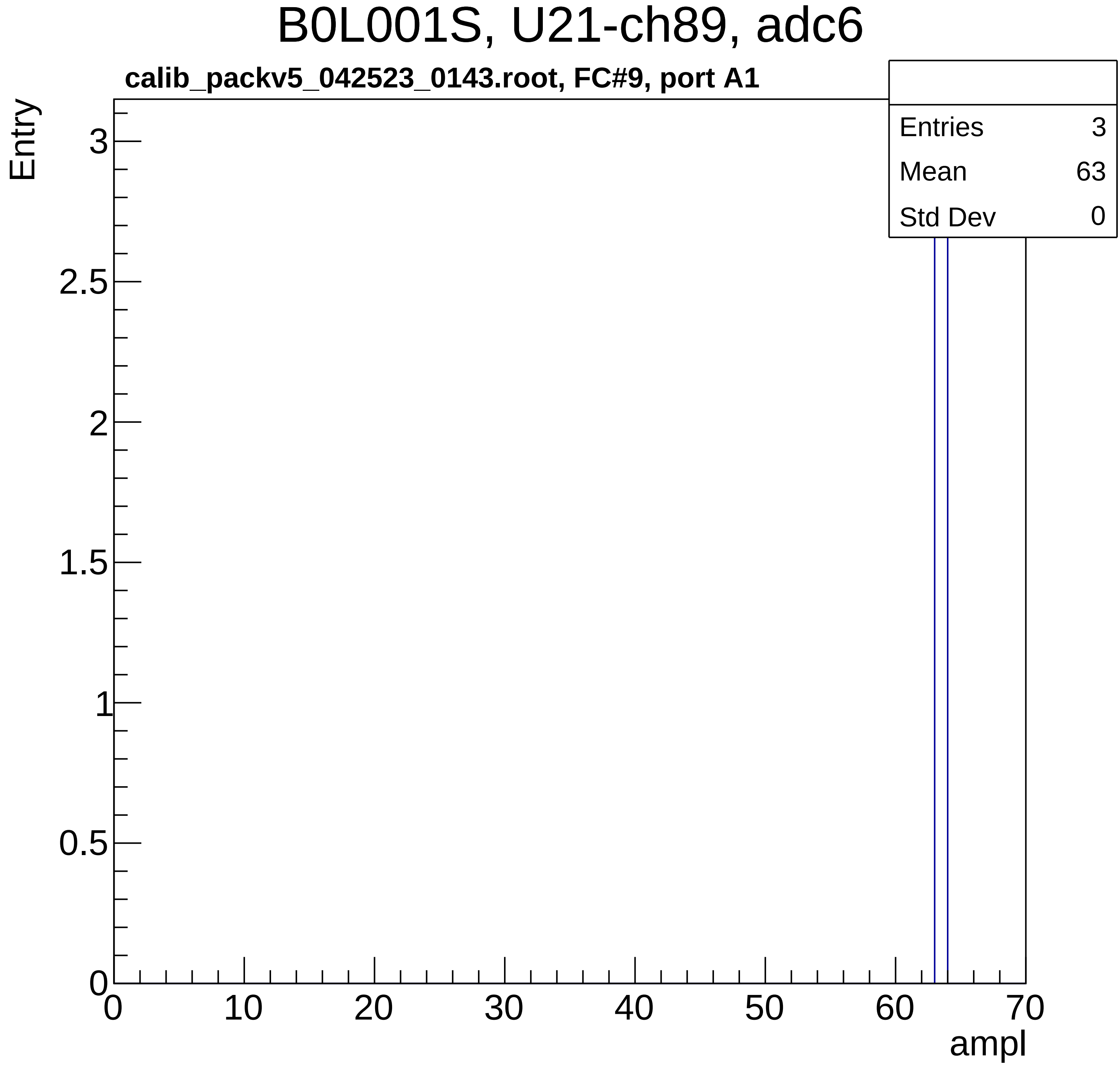

B0L001S, U21-ch89, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 50.88
Std Dev 3.715
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

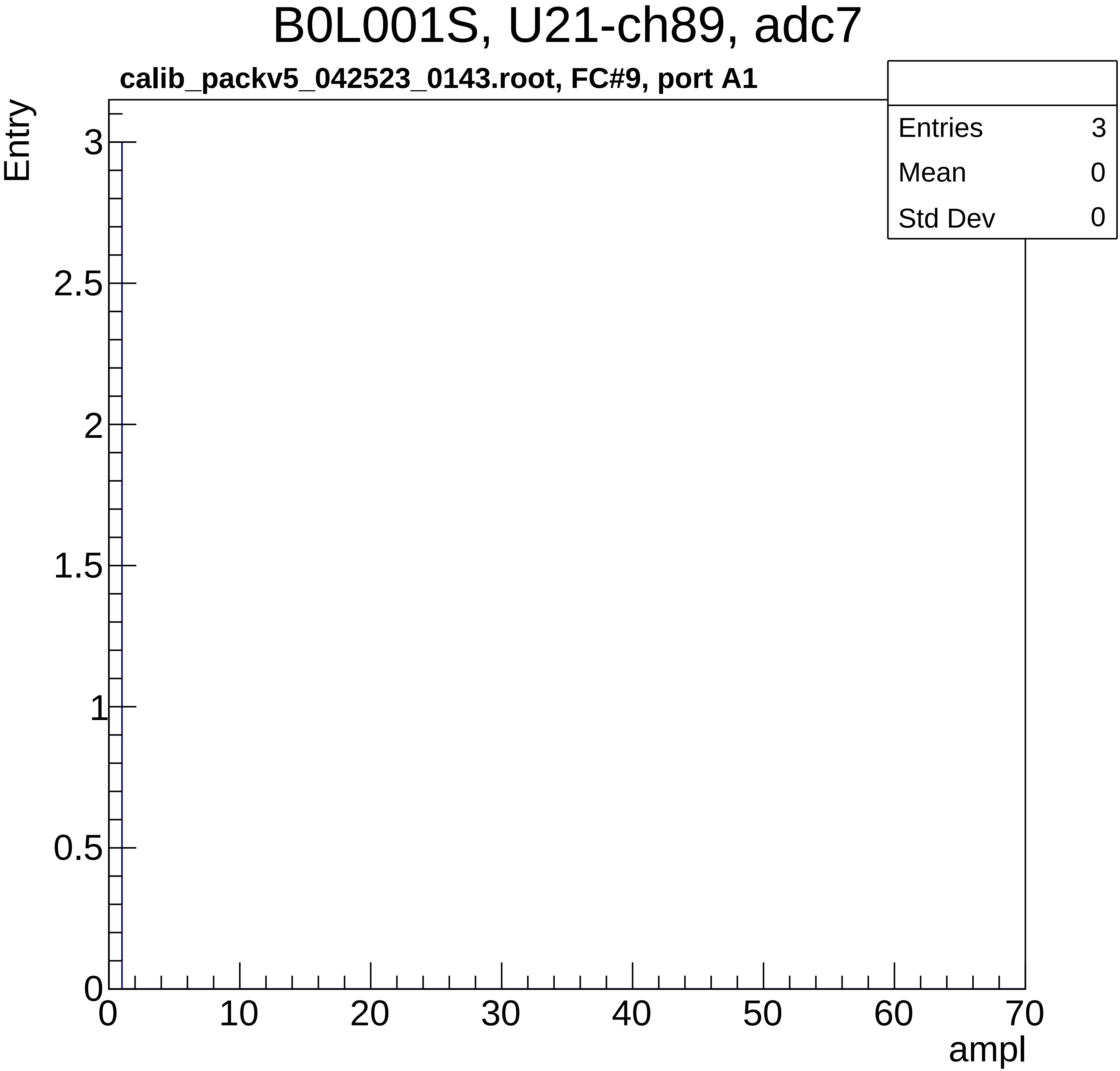

B0L001S, U21-ch89, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 55.58
Std Dev 3.634
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

B0L001S, U21-ch89, adc5

calib_packv5_042523_0143.root, FC#9, port A1

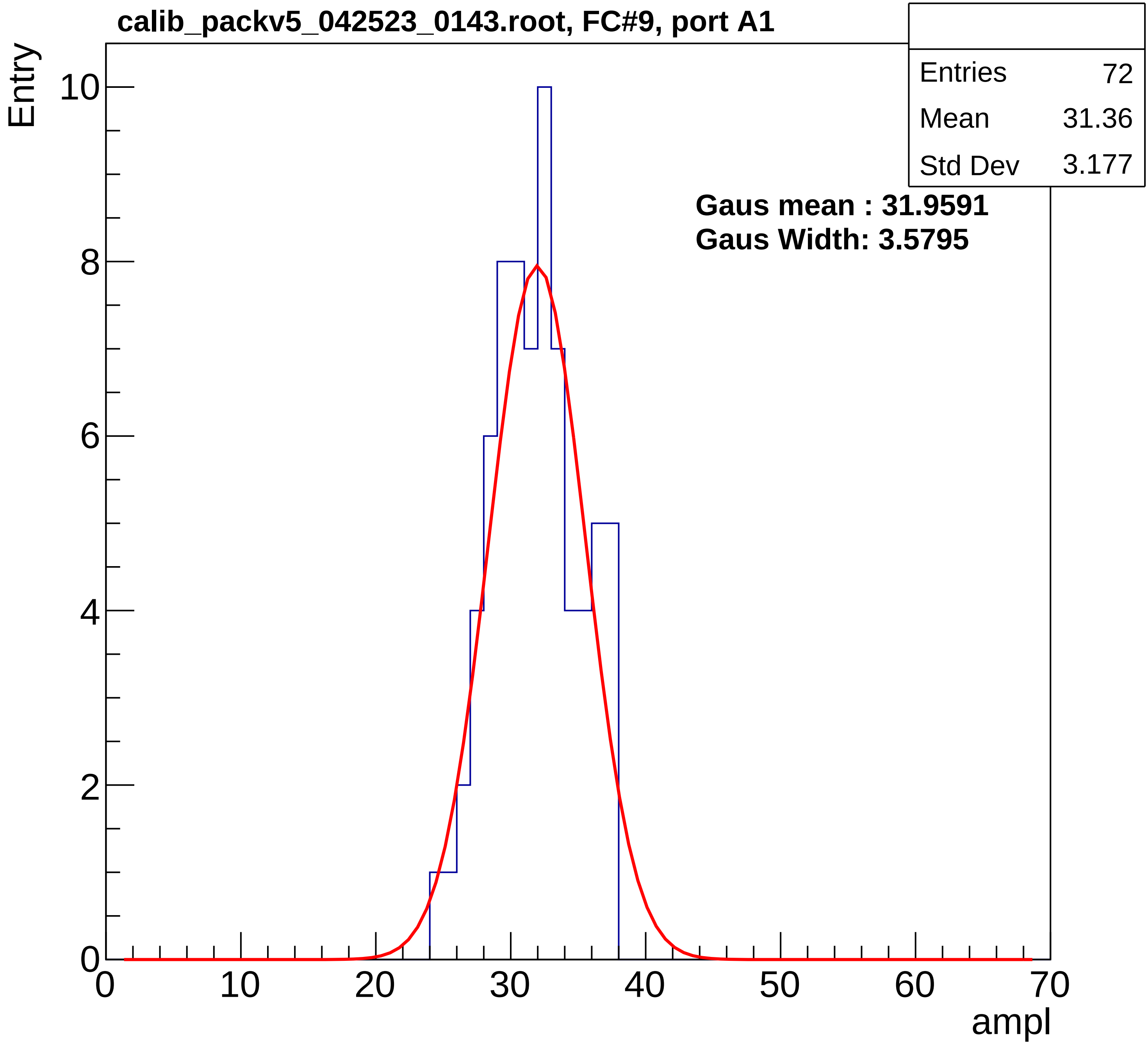



B0L001S, U21-ch89, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 3
Mean 63
Std Dev 0
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

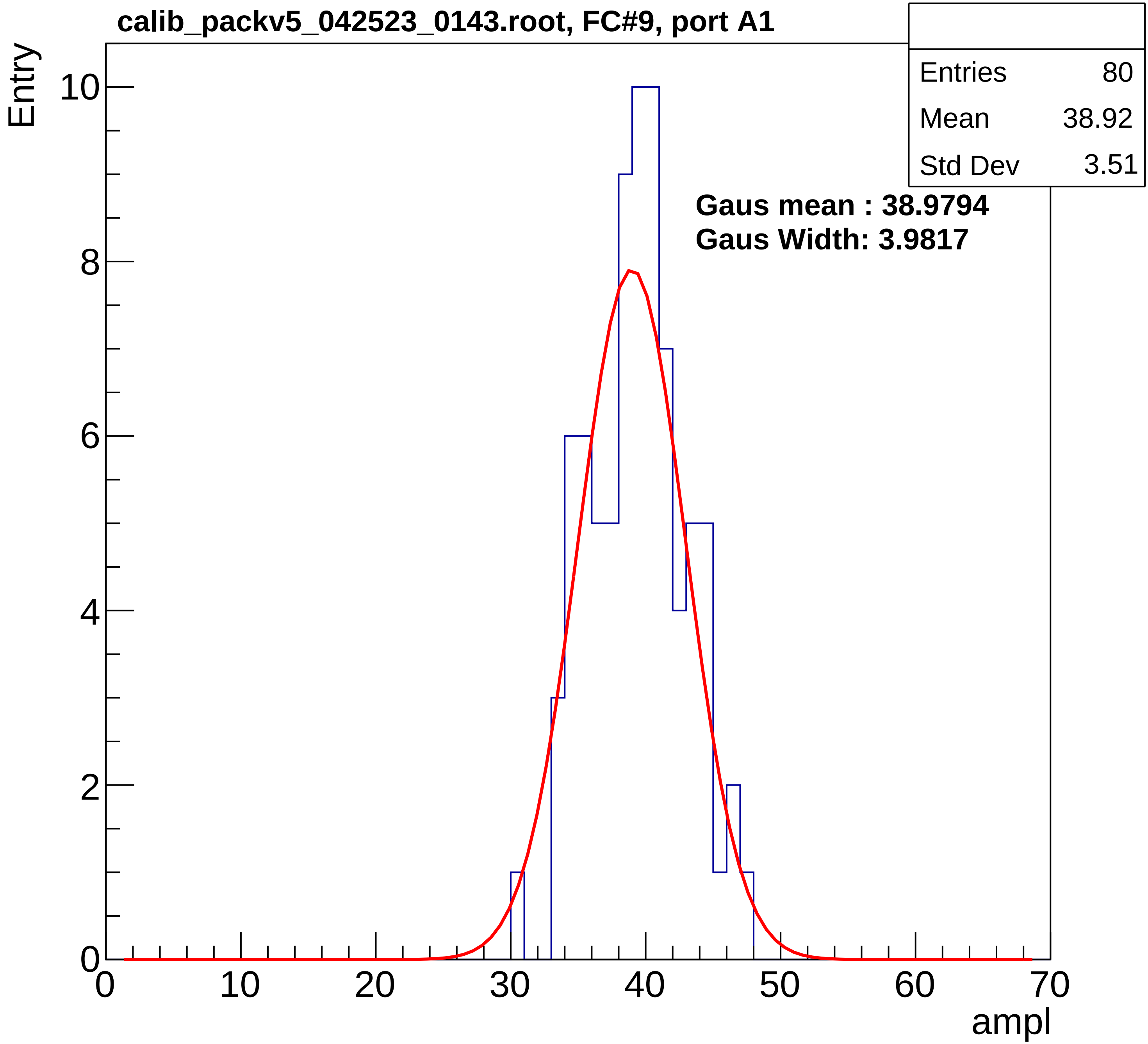

B0L001S, U21-ch89, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

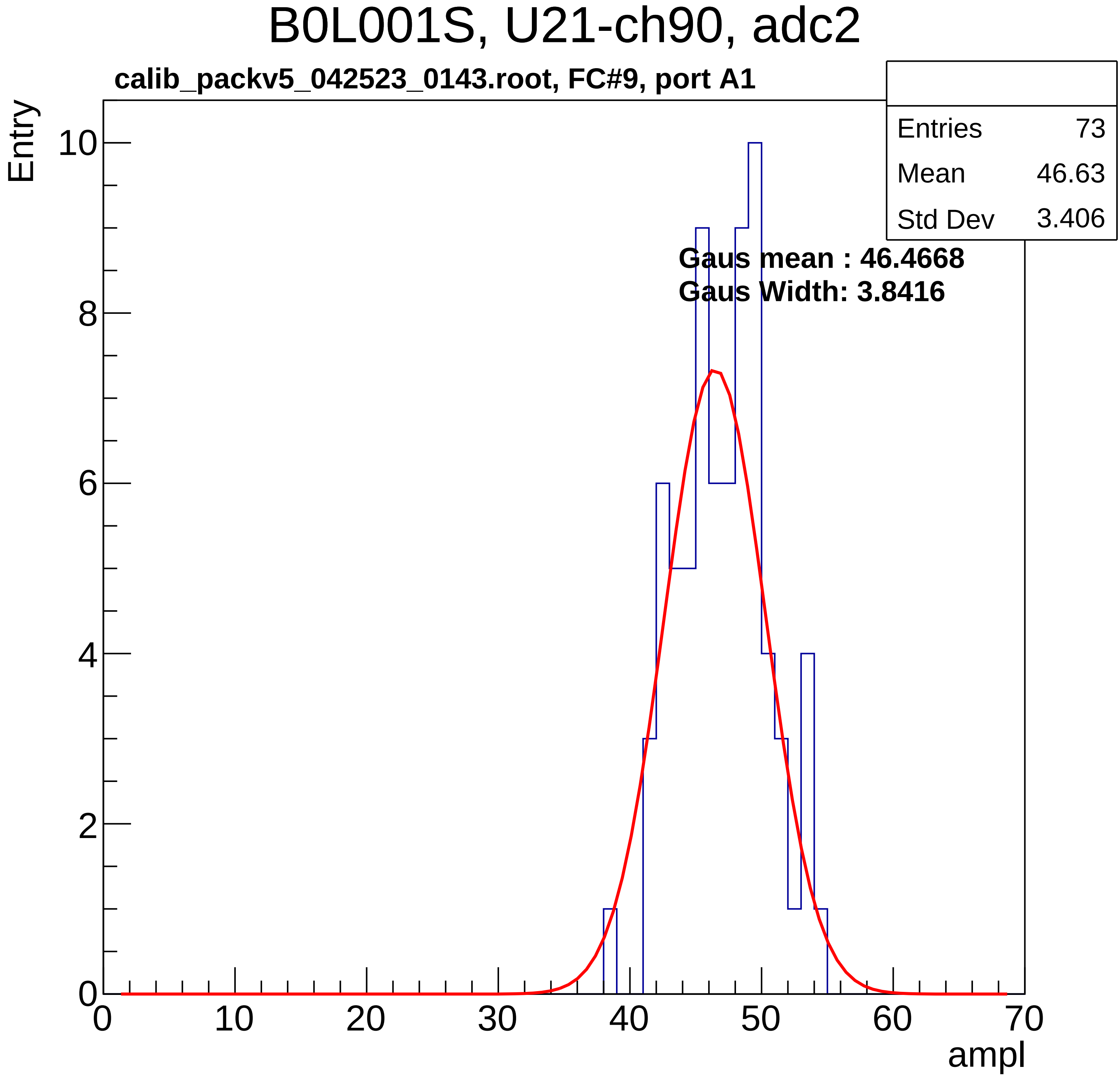
B0L001S, U21-ch90, adc0

calib_packv5_042523_0143.root, FC#9, port A1



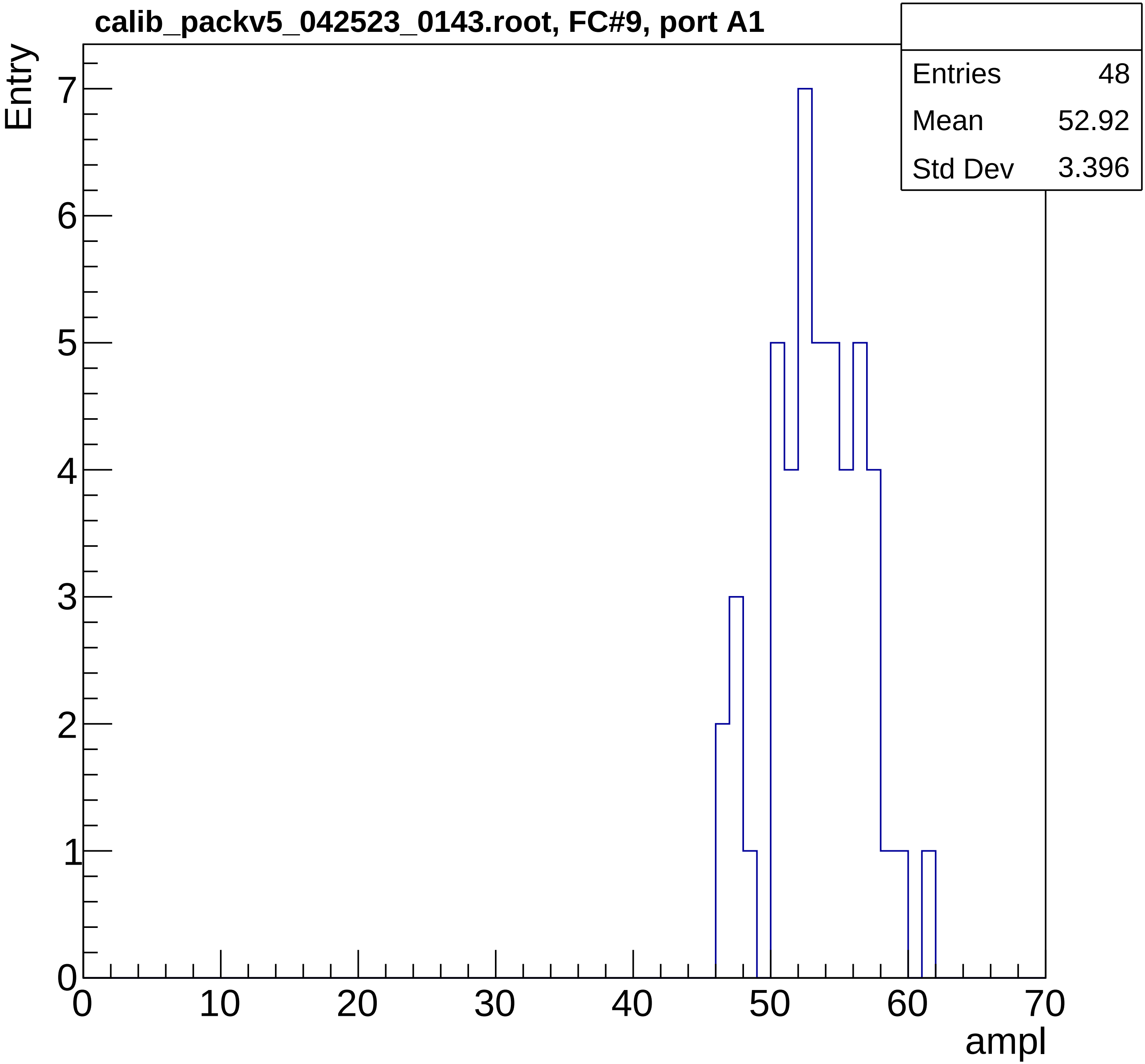
B0L001S, U21-ch90, adc1




B0L001S, U21-ch90, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 46.63
Std Dev 3.406
Gaus mean : 46.4668
Gaus Width: 3.8416
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

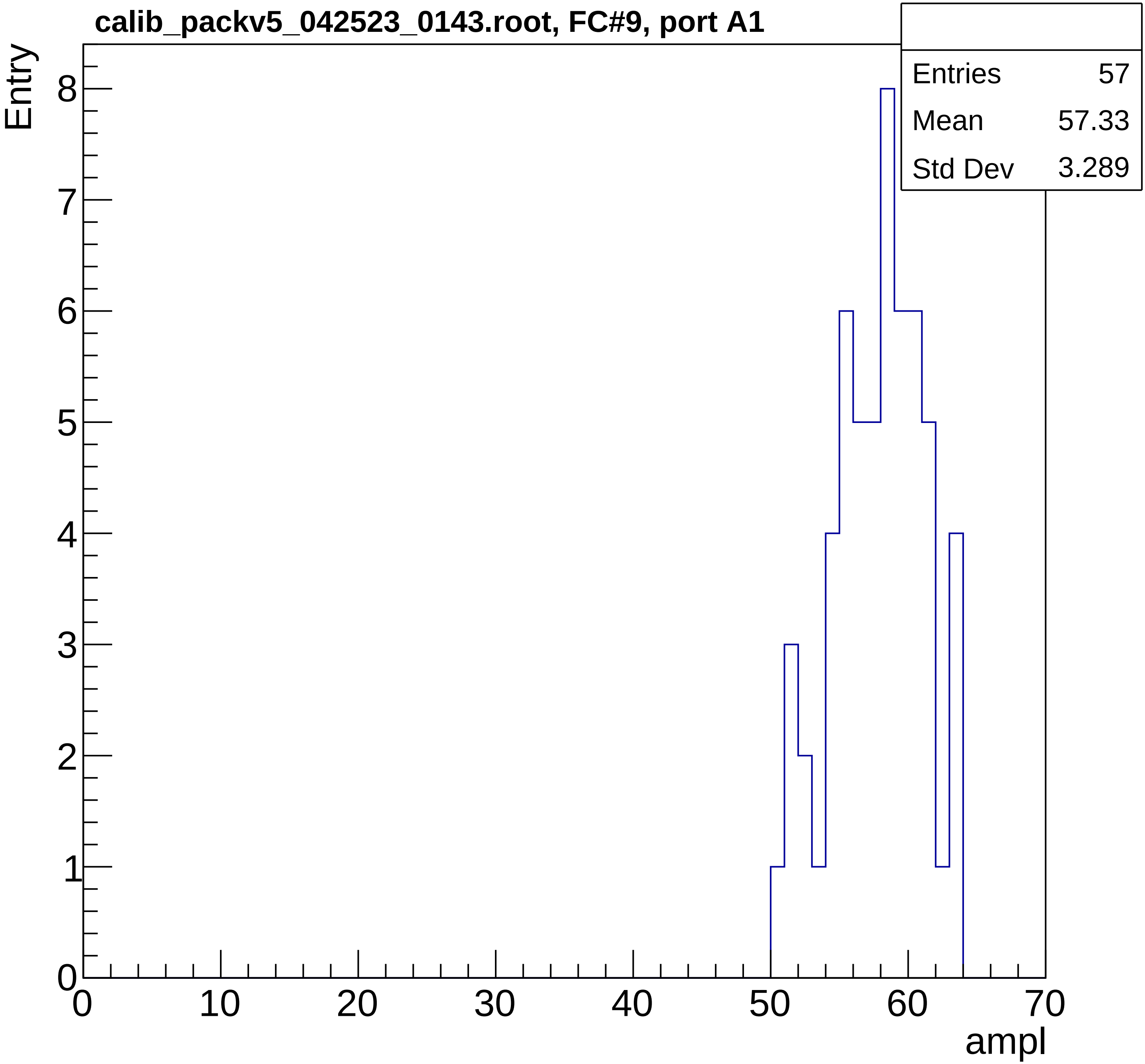
B0L001S, U21-ch90, adc3

calib_packv5_042523_0143.root, FC#9, port A1

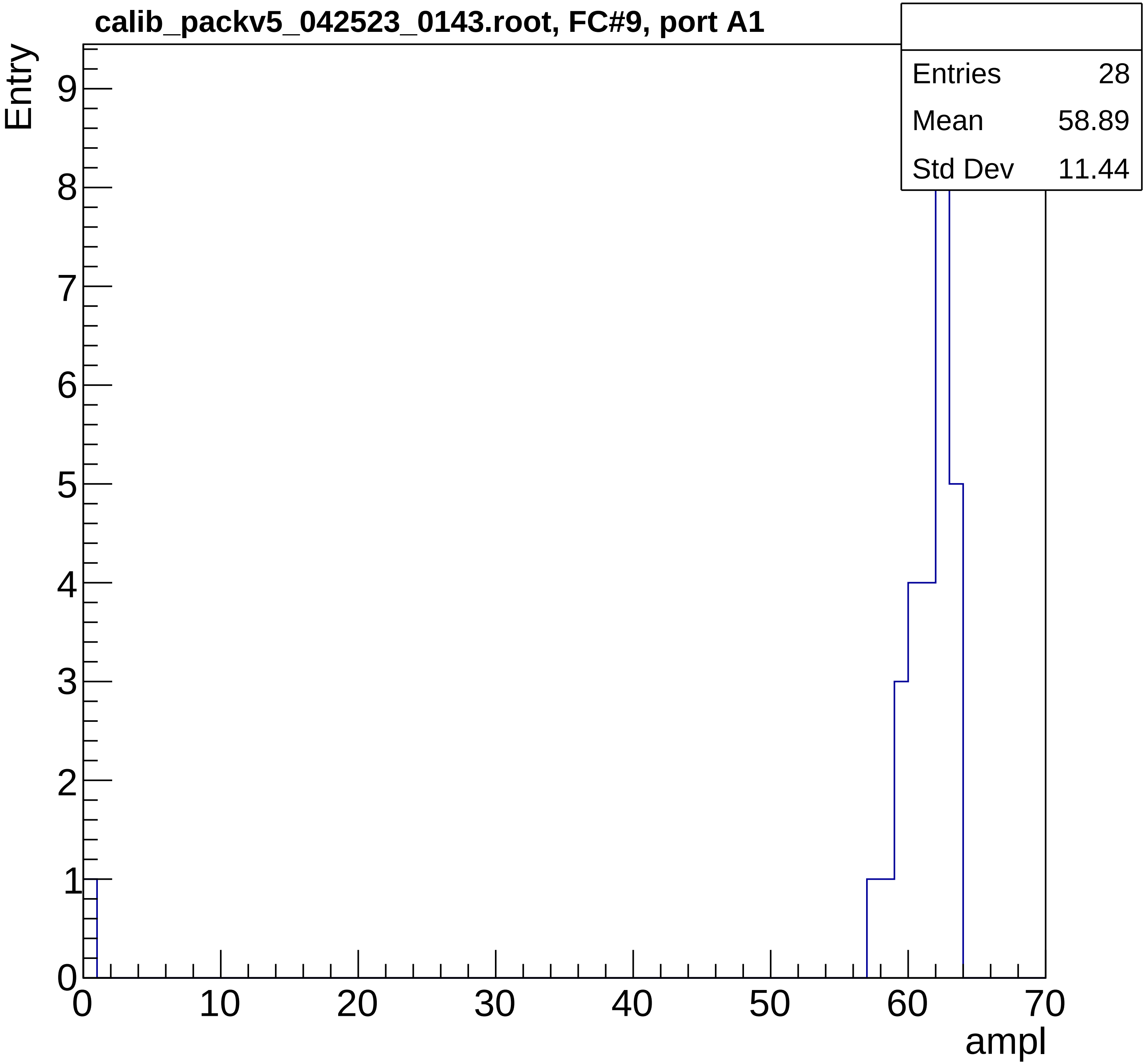


B0L001S, U21-ch90, adc4

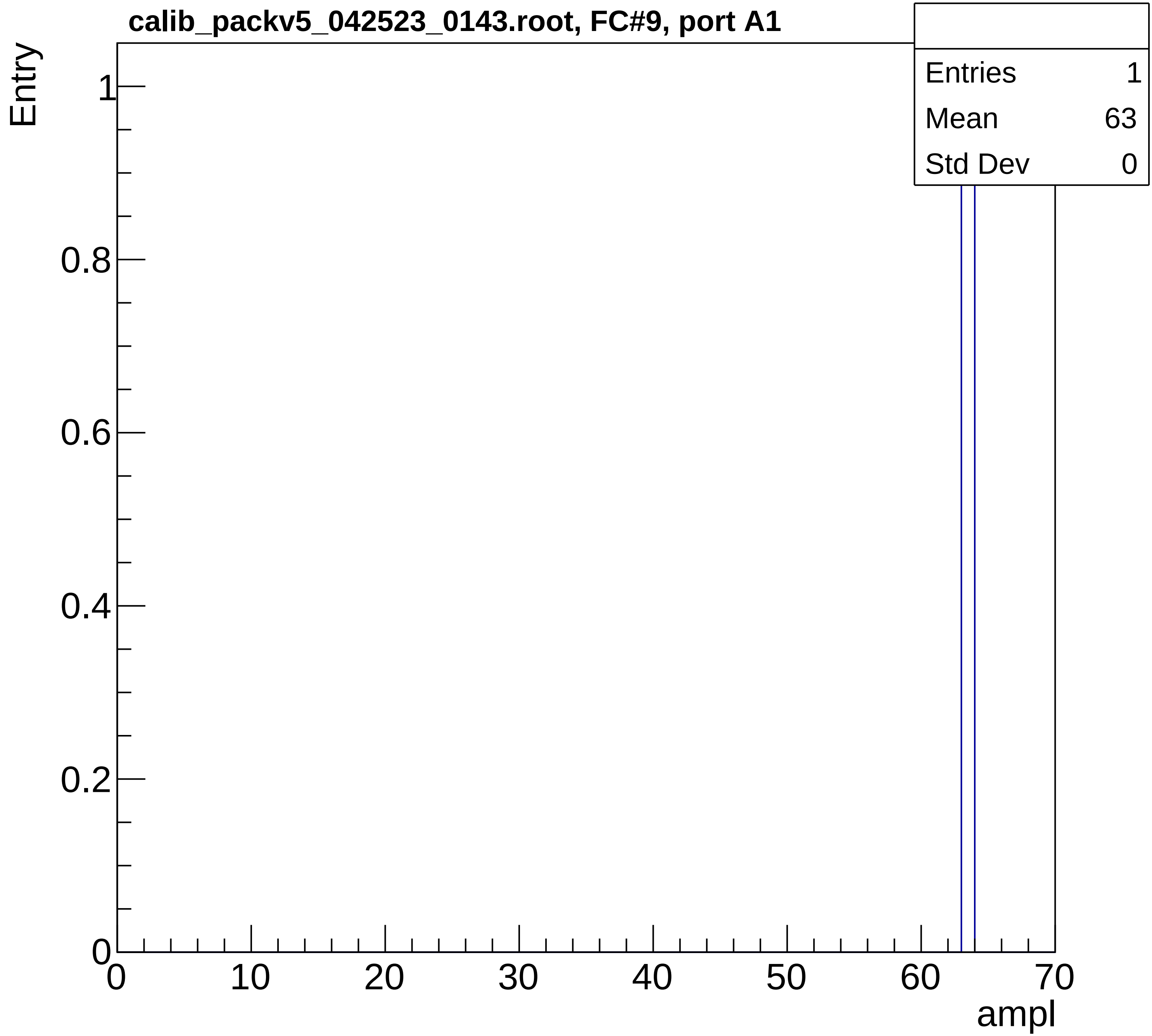
calib_packv5_042523_0143.root, FC#9, port A1



B0L001S, U21-ch90, adc5

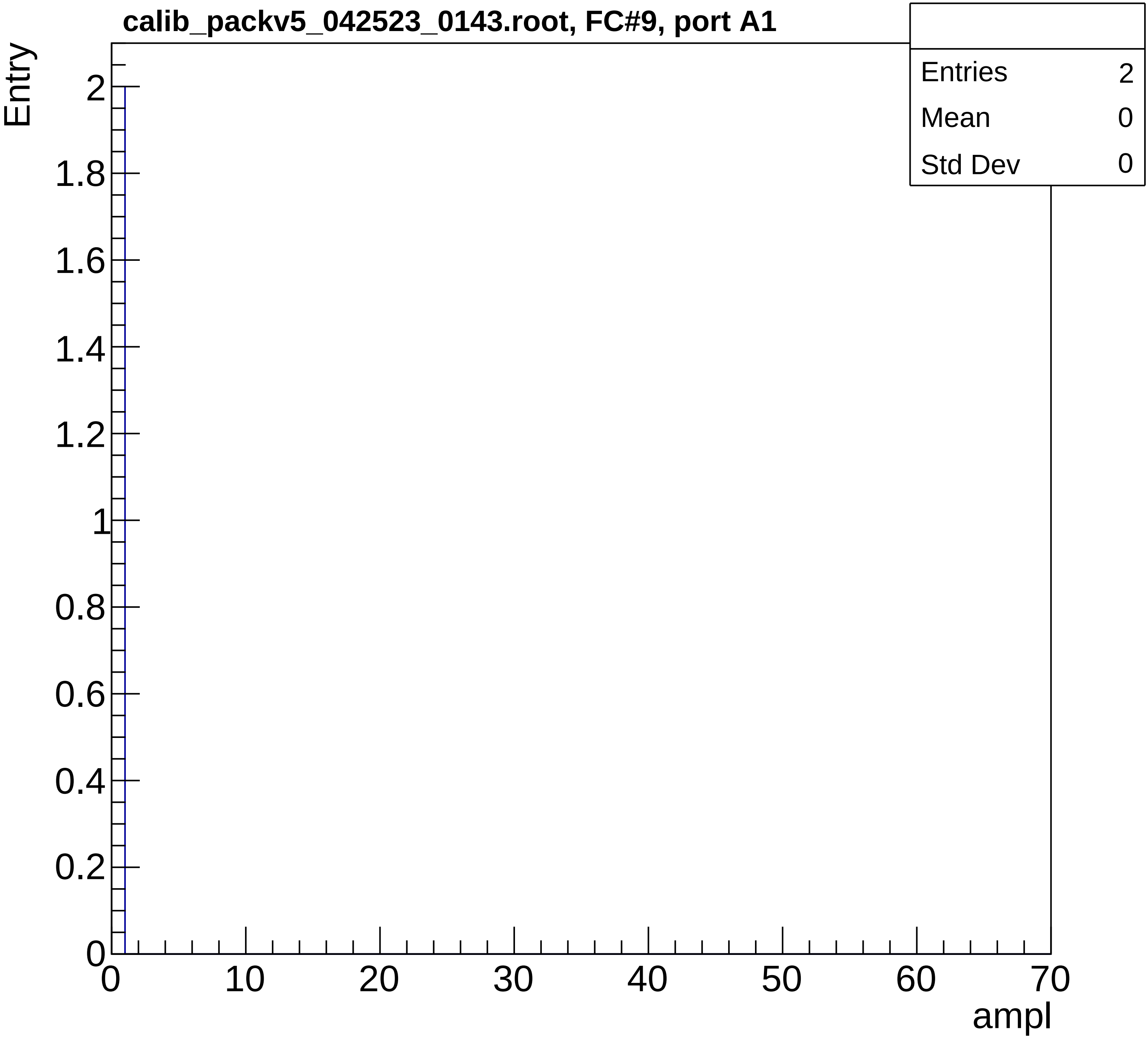


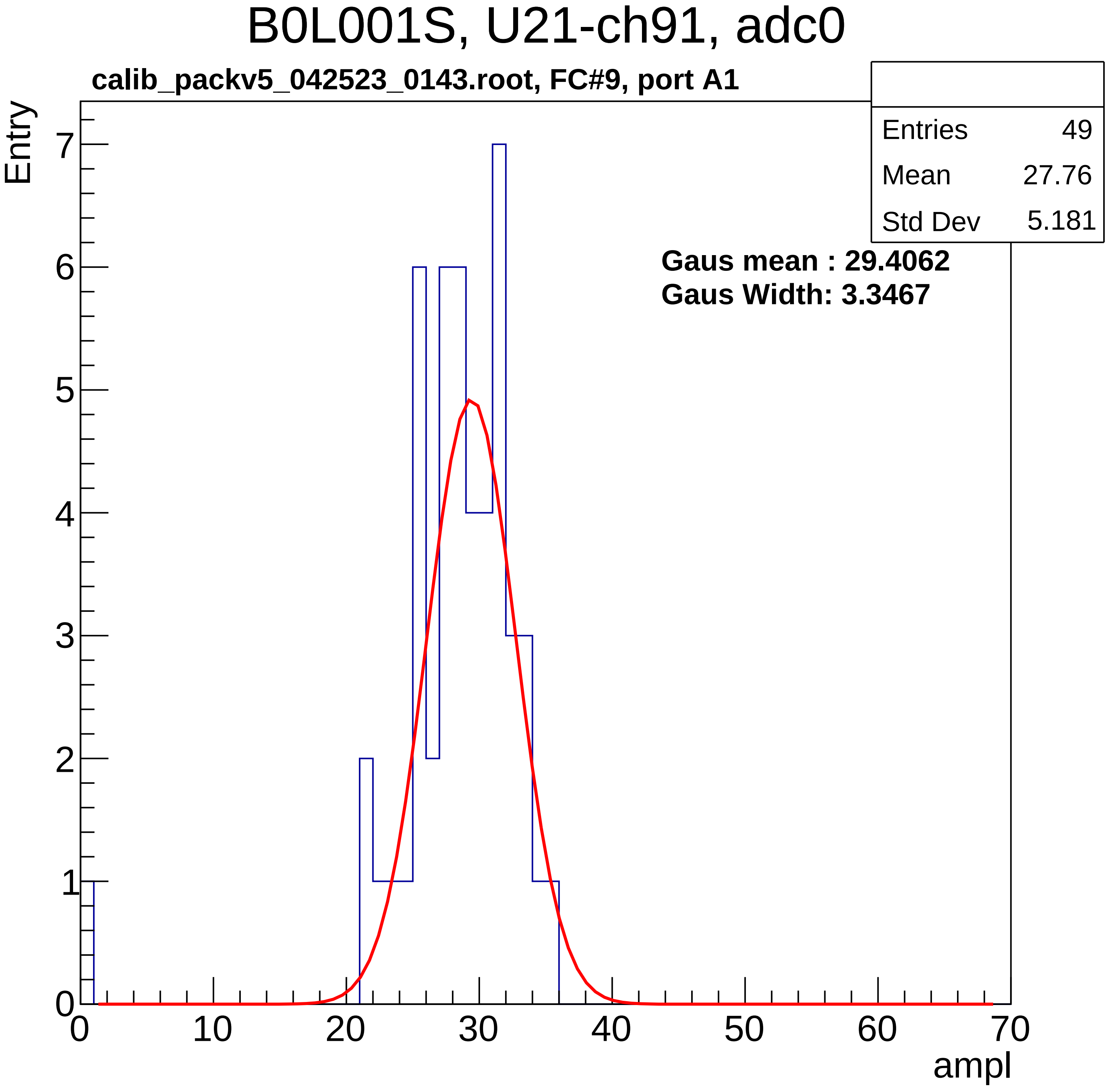
B0L001S, U21-ch90, adc6

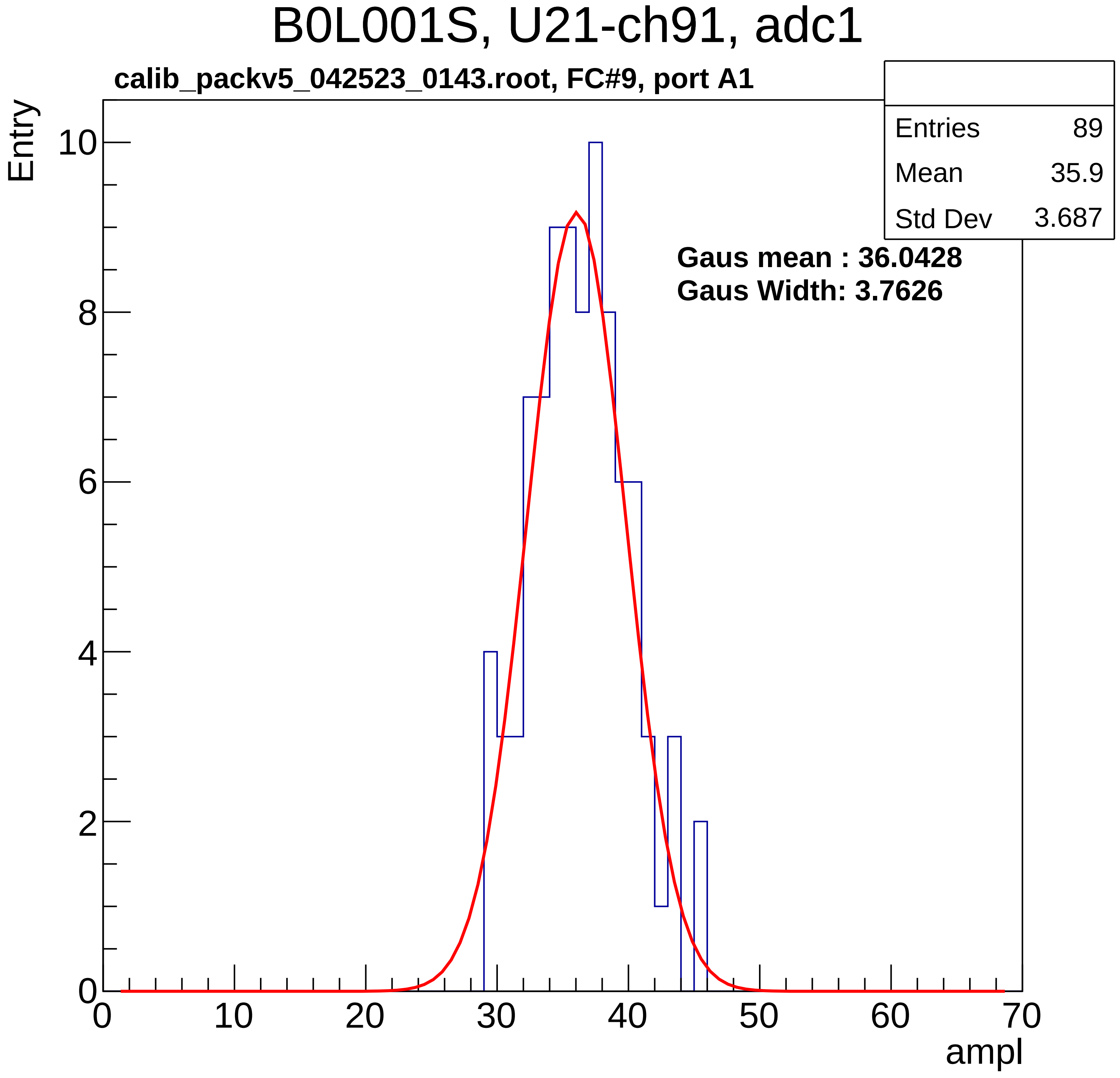


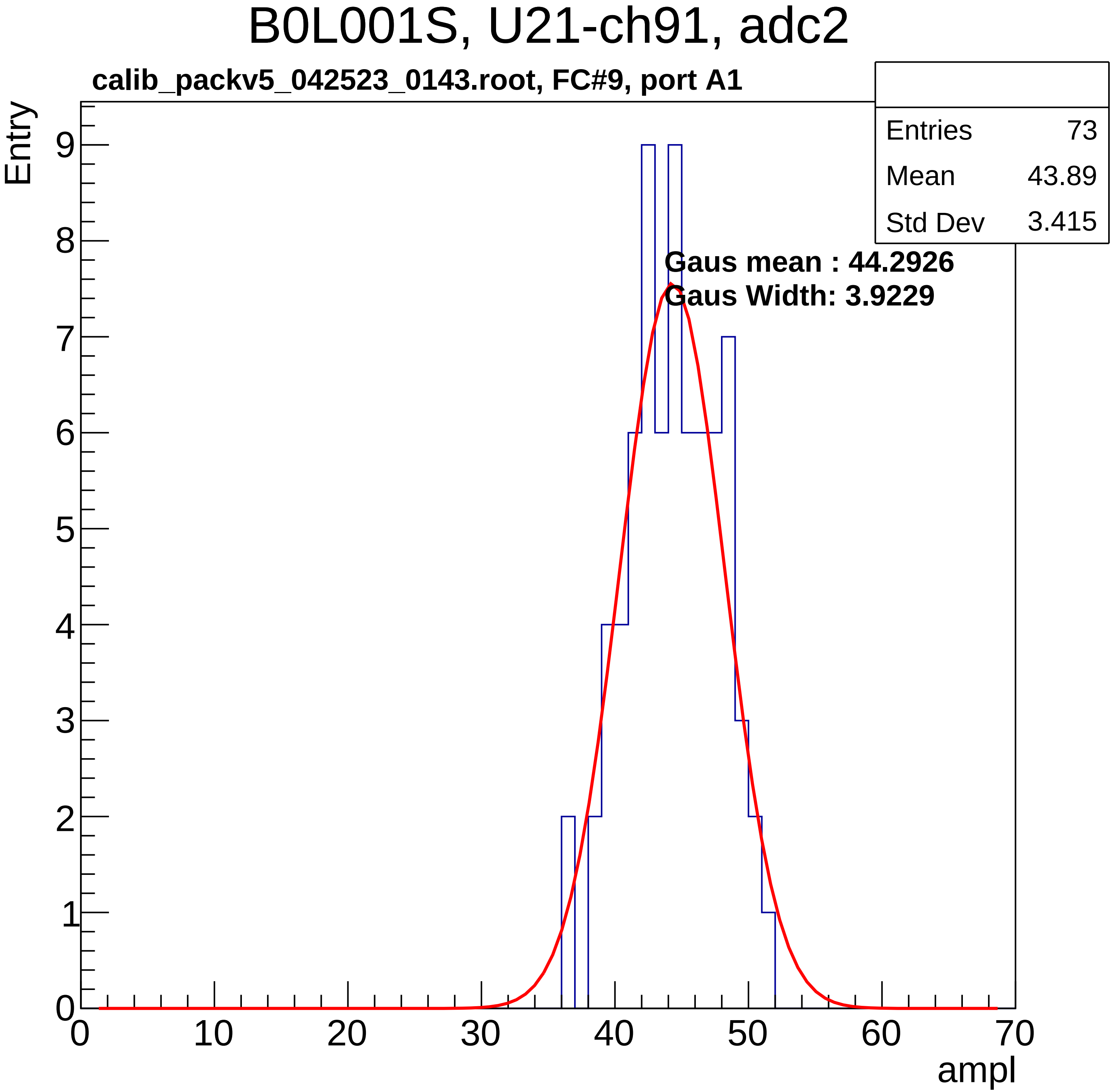
B0L001S, U21-ch90, adc7

calib_packv5_042523_0143.root, FC#9, port A1



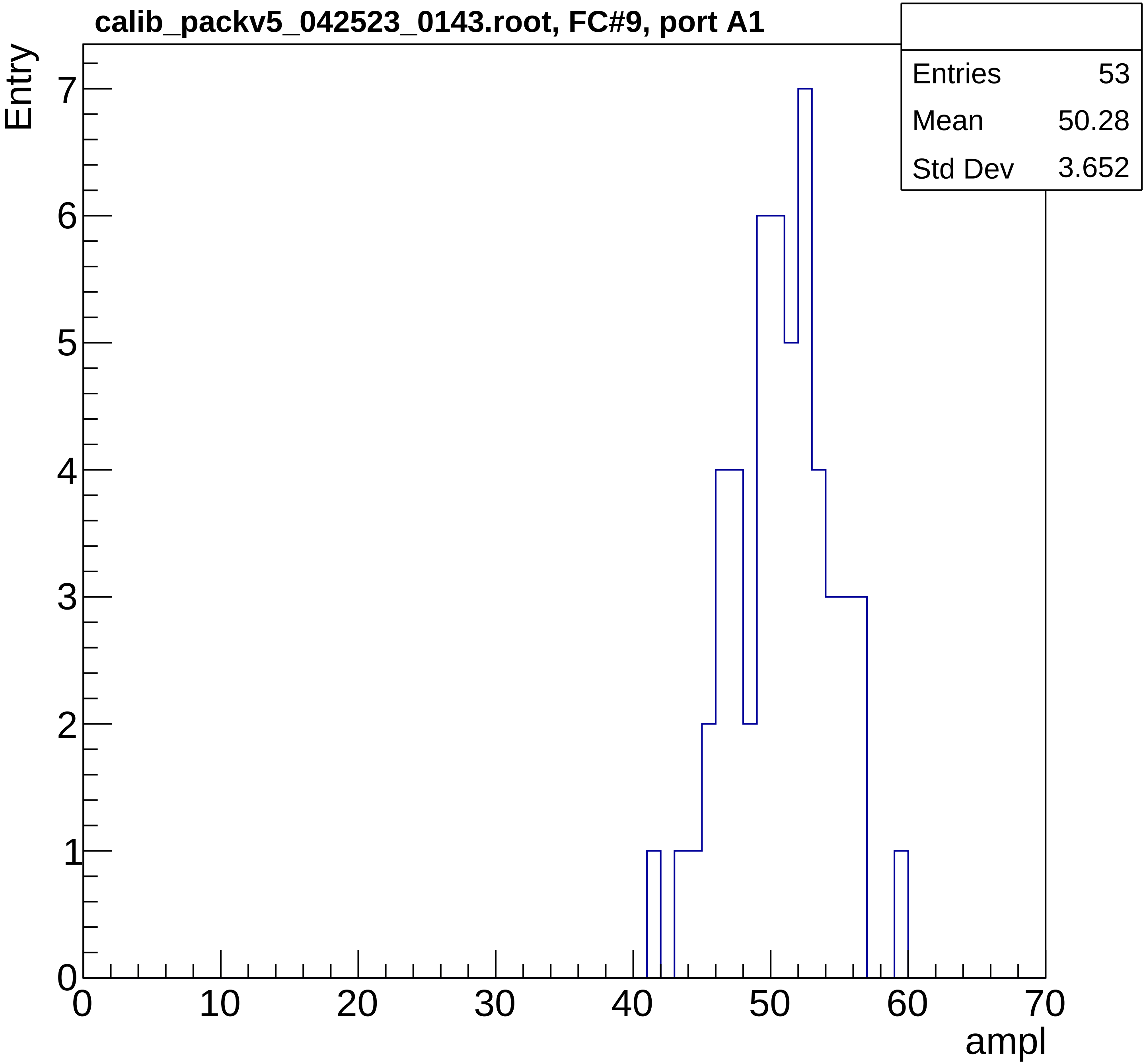

B0L001S, U21-ch91, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 27.76
Std Dev 5.181
Gaus mean : 29.4062
Gaus Width: 3.3467
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

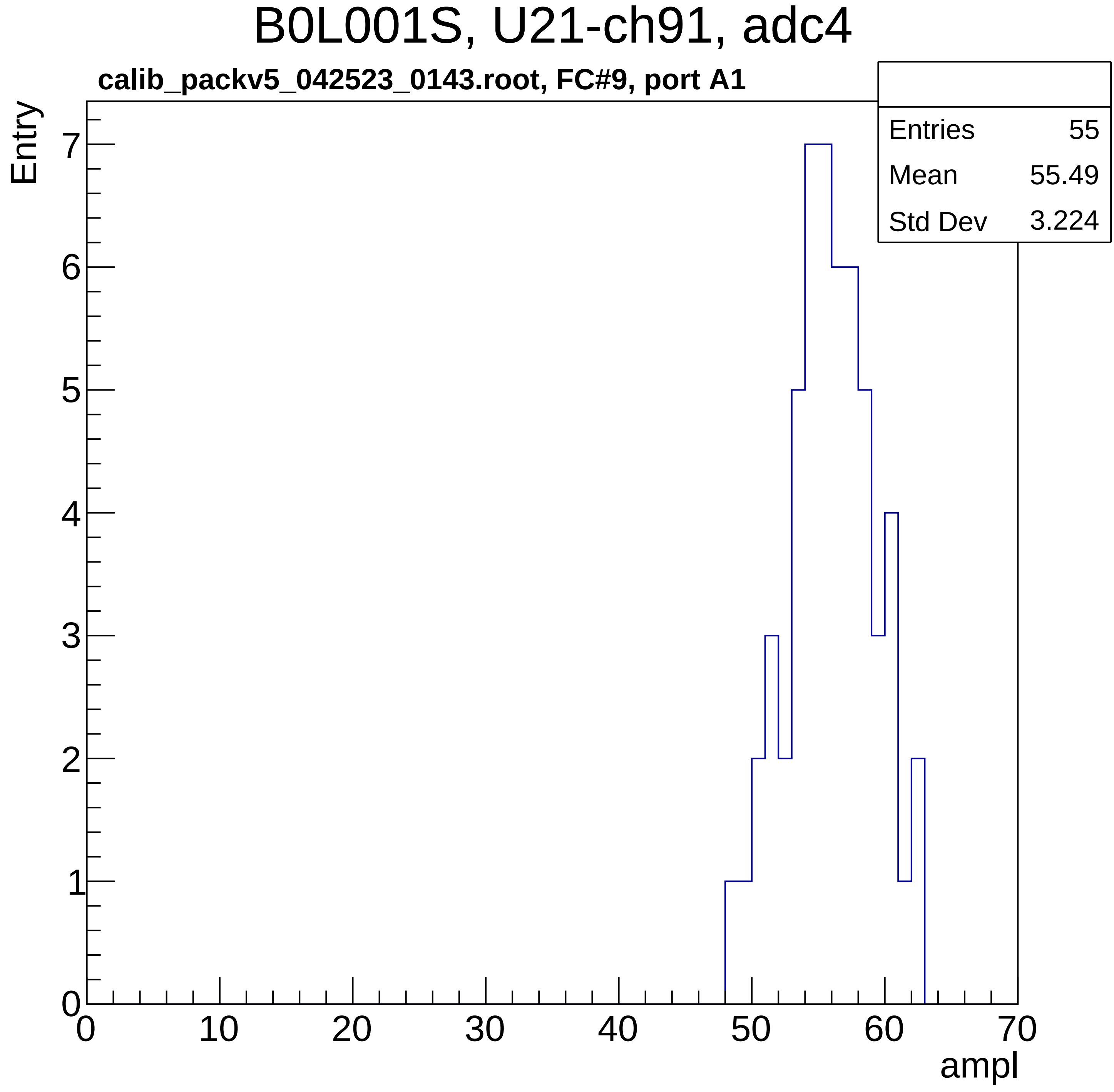

B0L001S, U21-ch91, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 35.9
Std Dev 3.687
Gaus mean : 36.0428
Gaus Width: 3.7626
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

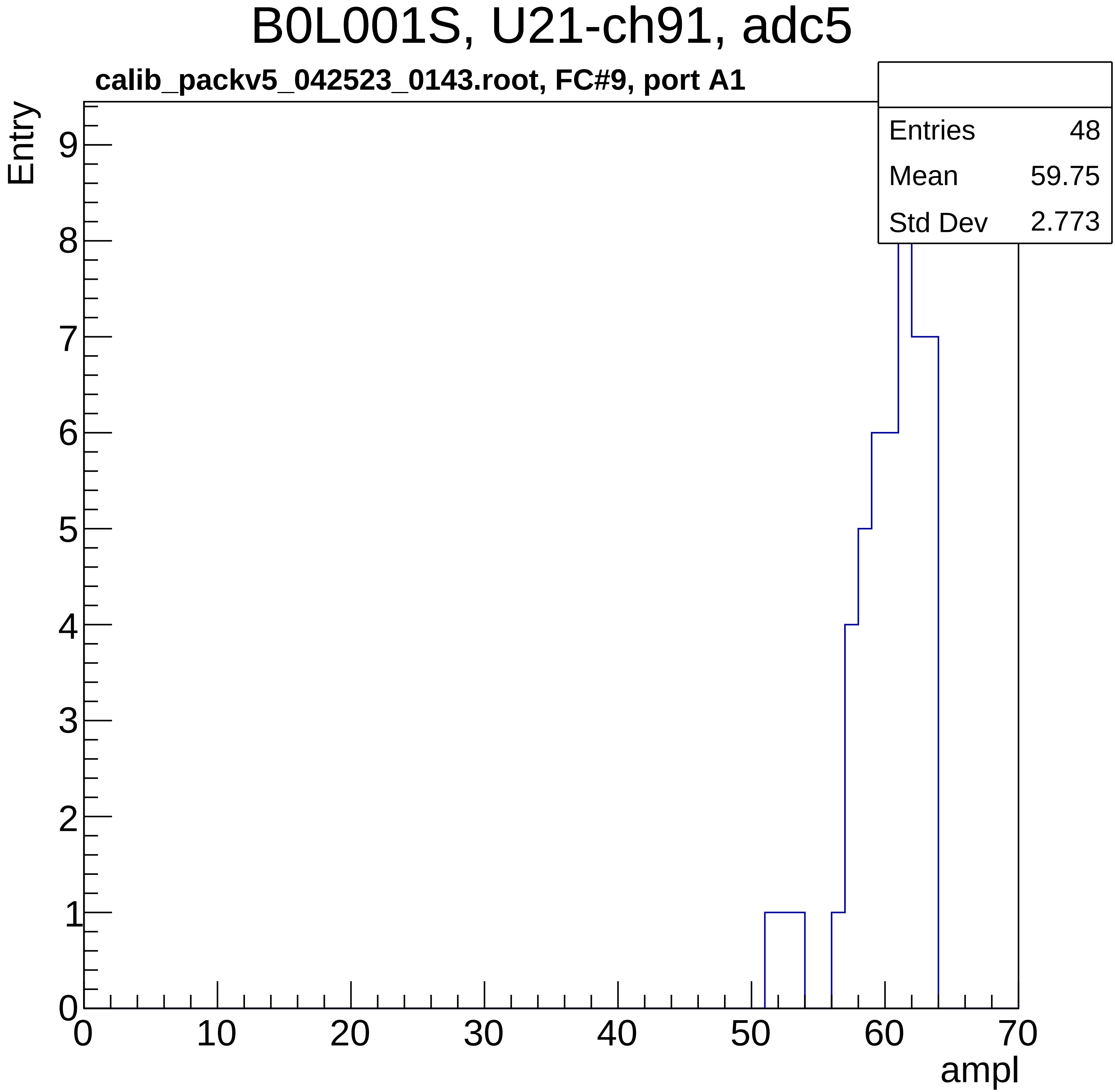

B0L001S, U21-ch91, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 43.89
Std Dev 3.415
Gaus mean : 44.2926
Gaus Width: 3.9229
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

B0L001S, U21-ch91, adc3

calib_packv5_042523_0143.root, FC#9, port A1

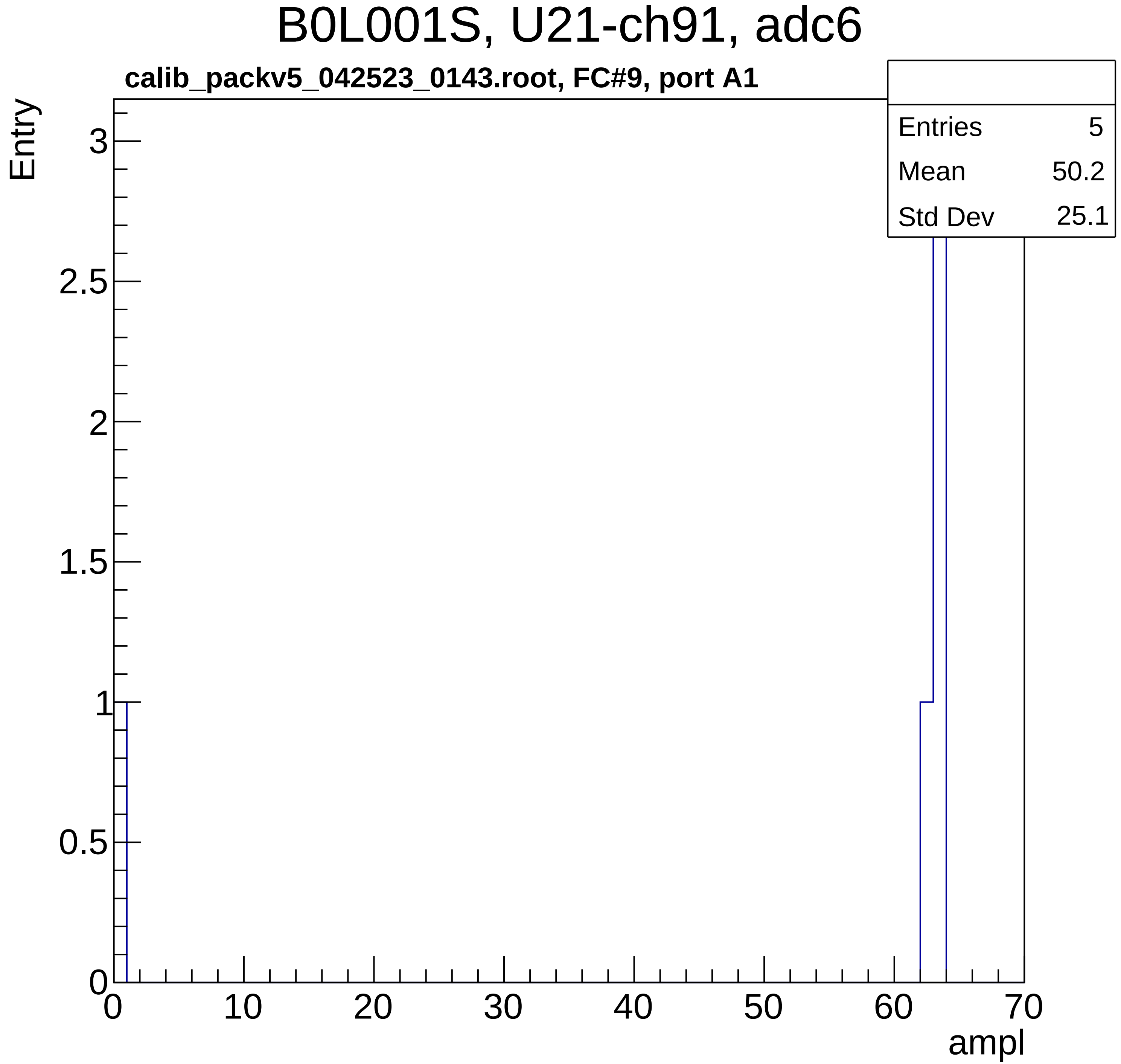


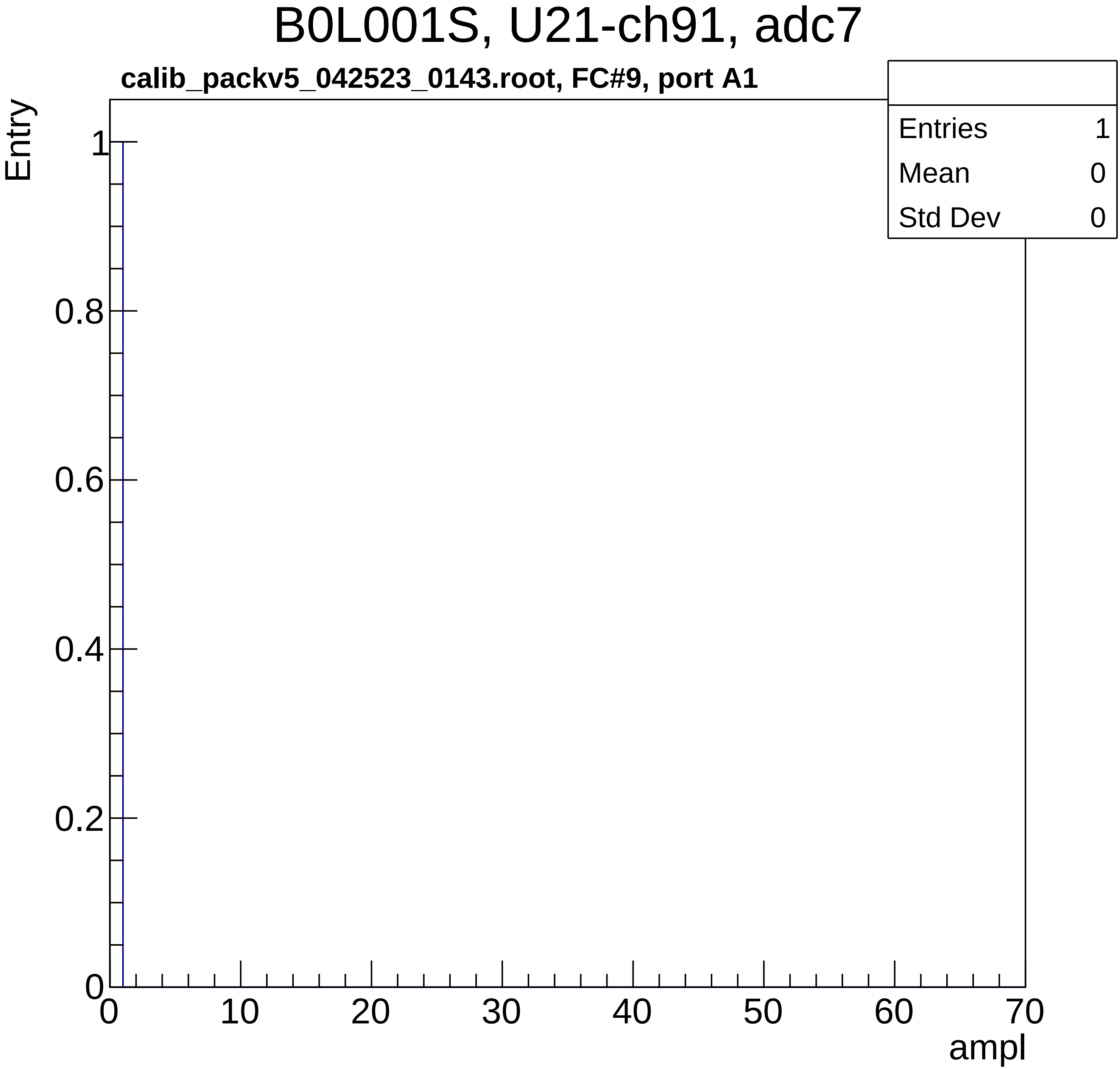

B0L001S, U21-ch91, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 55.49
Std Dev 3.224
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl



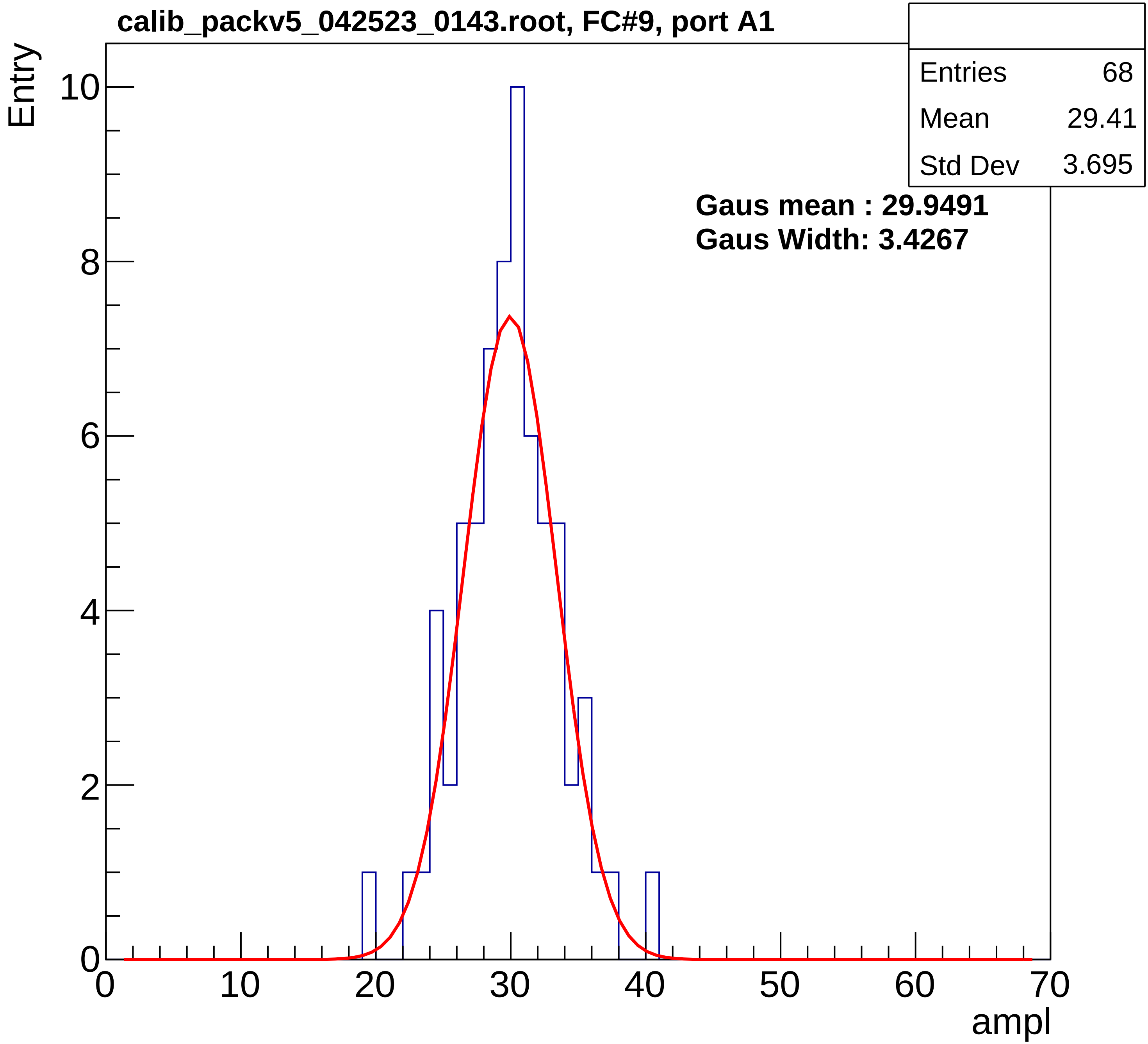
B0L001S, U21-ch91, adc5

calib_packv5_042523_0143.root, FC#9, port A1

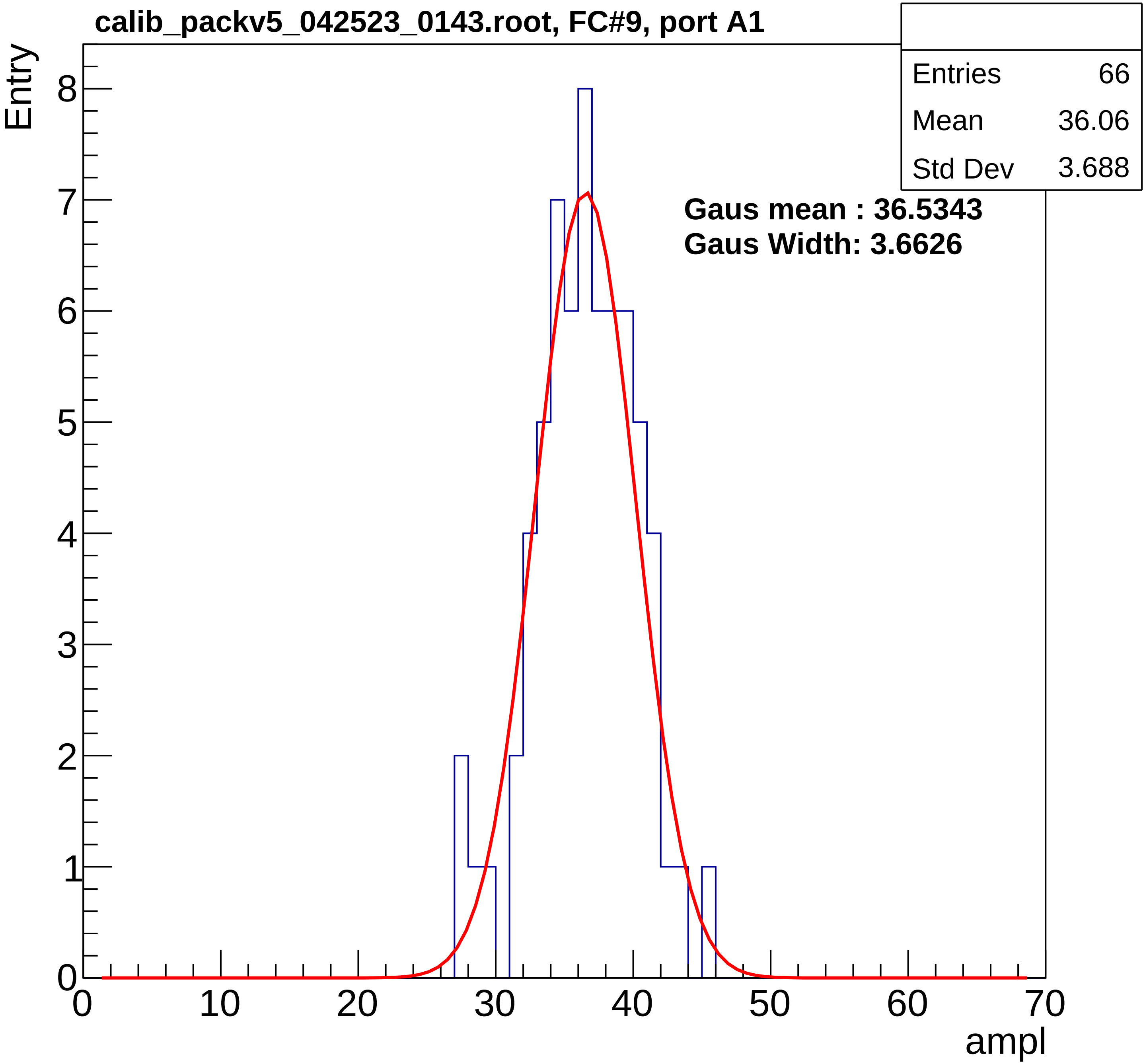

B0L001S, U21-ch91, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 50.2
Std Dev 25.1
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

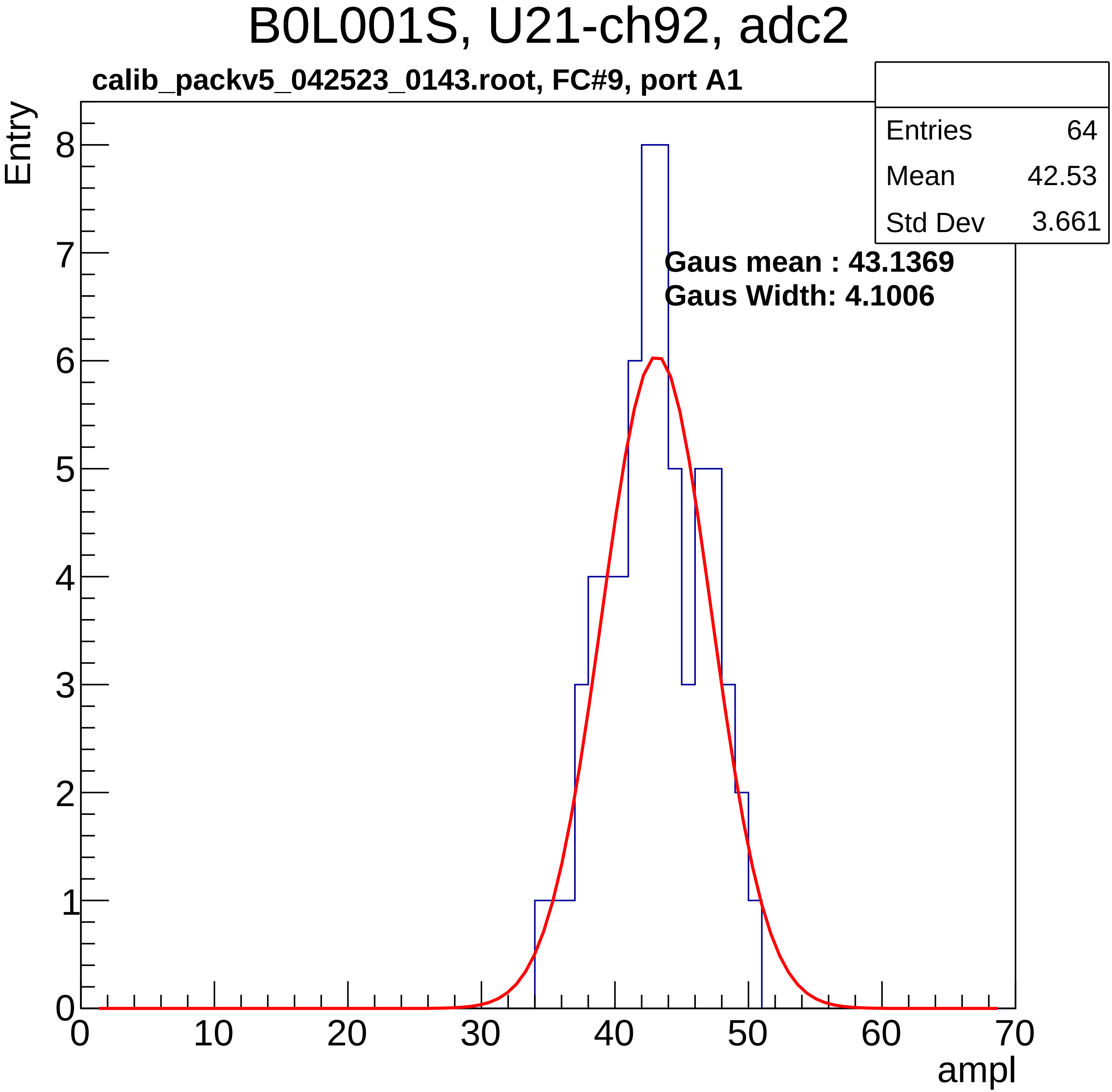

B0L001S, U21-ch91, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

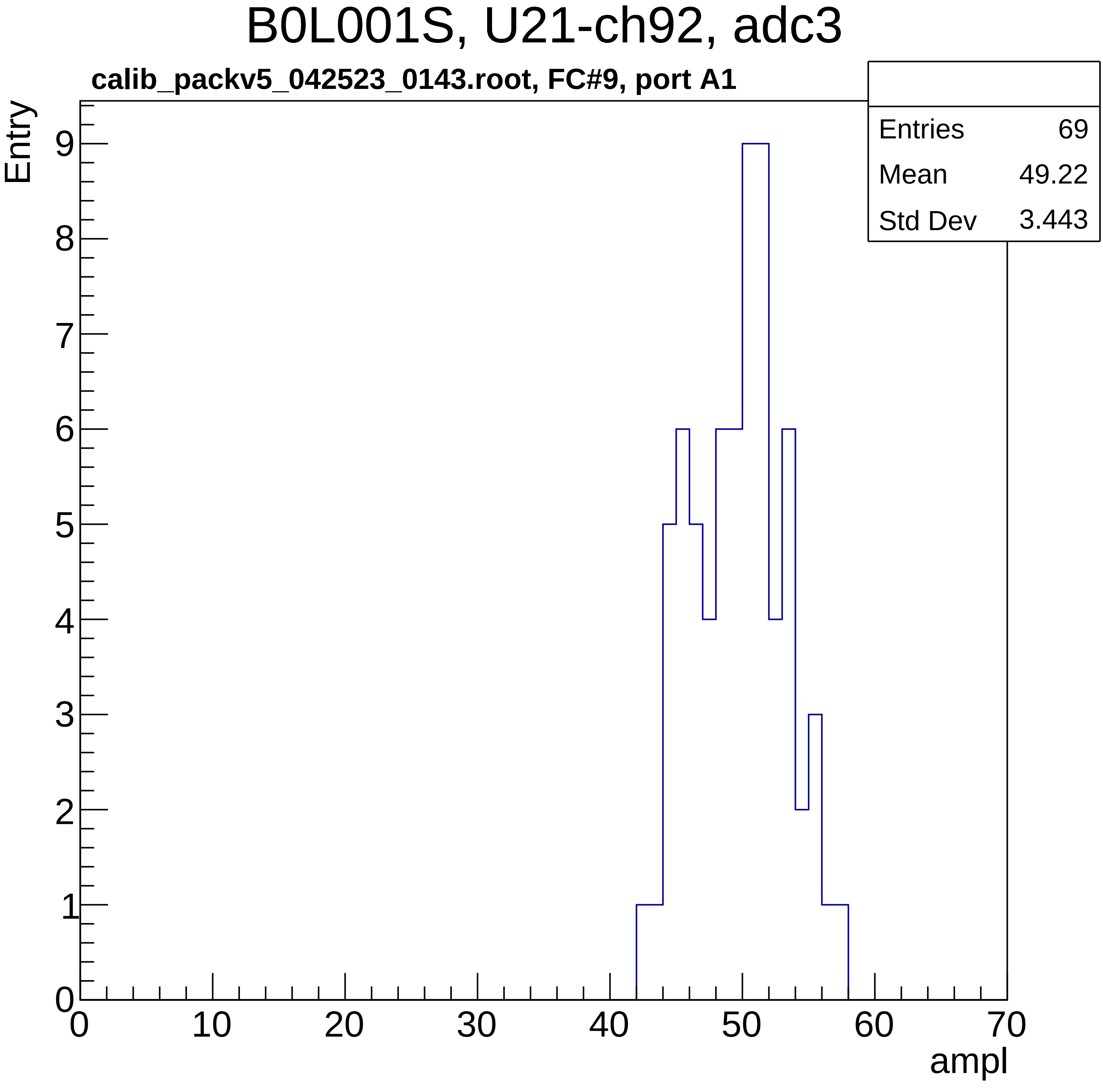
B0L001S, U21-ch92, adc0



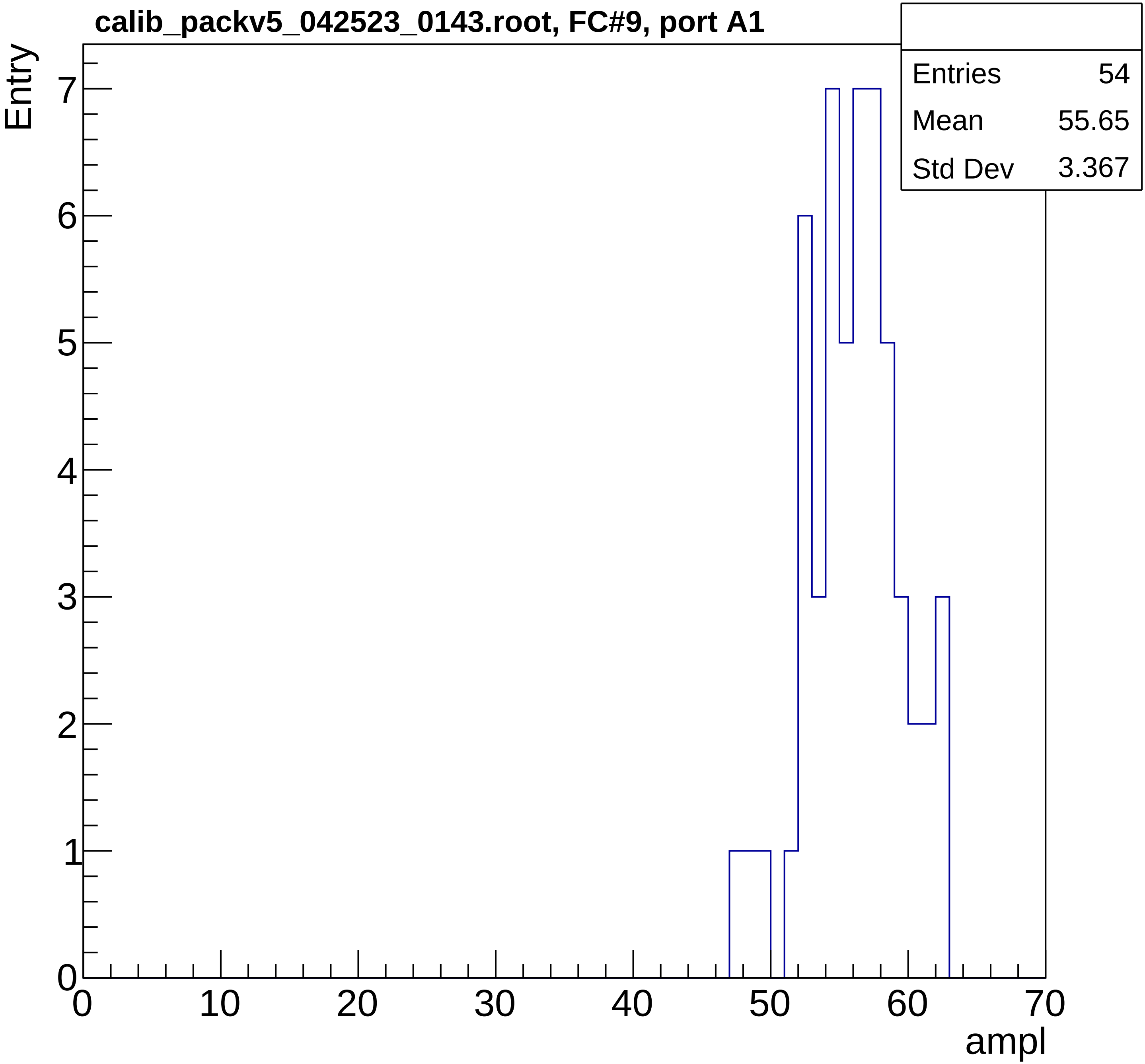
B0L001S, U21-ch92, adc1

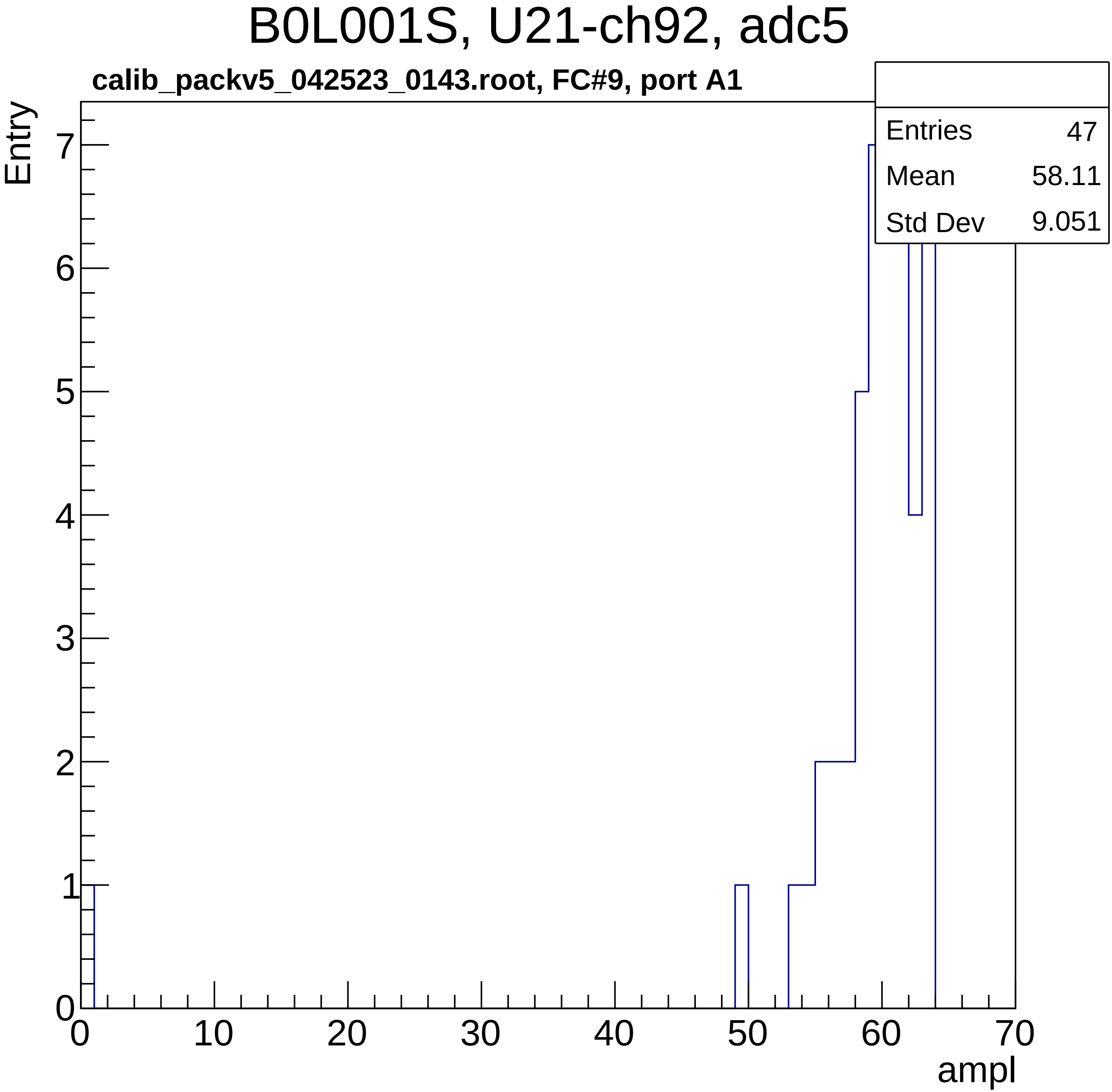



B0L001S, U21-ch92, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 42.53
Std Dev 3.661
Gaus mean : 43.1369
Gaus Width: 4.1006
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

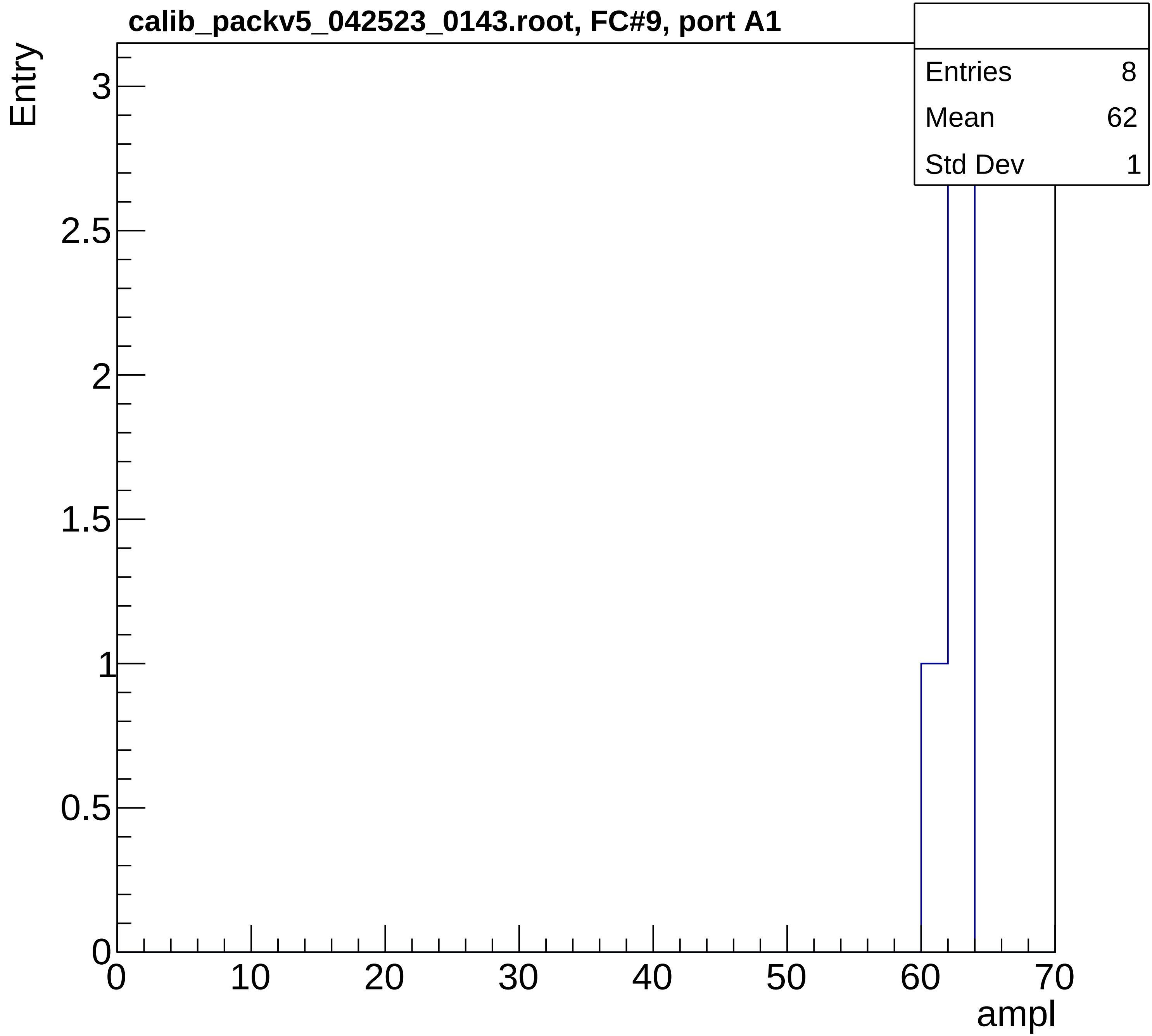

B0L001S, U21-ch92, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 69
Mean 49.22
Std Dev 3.443
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

B0L001S, U21-ch92, adc4

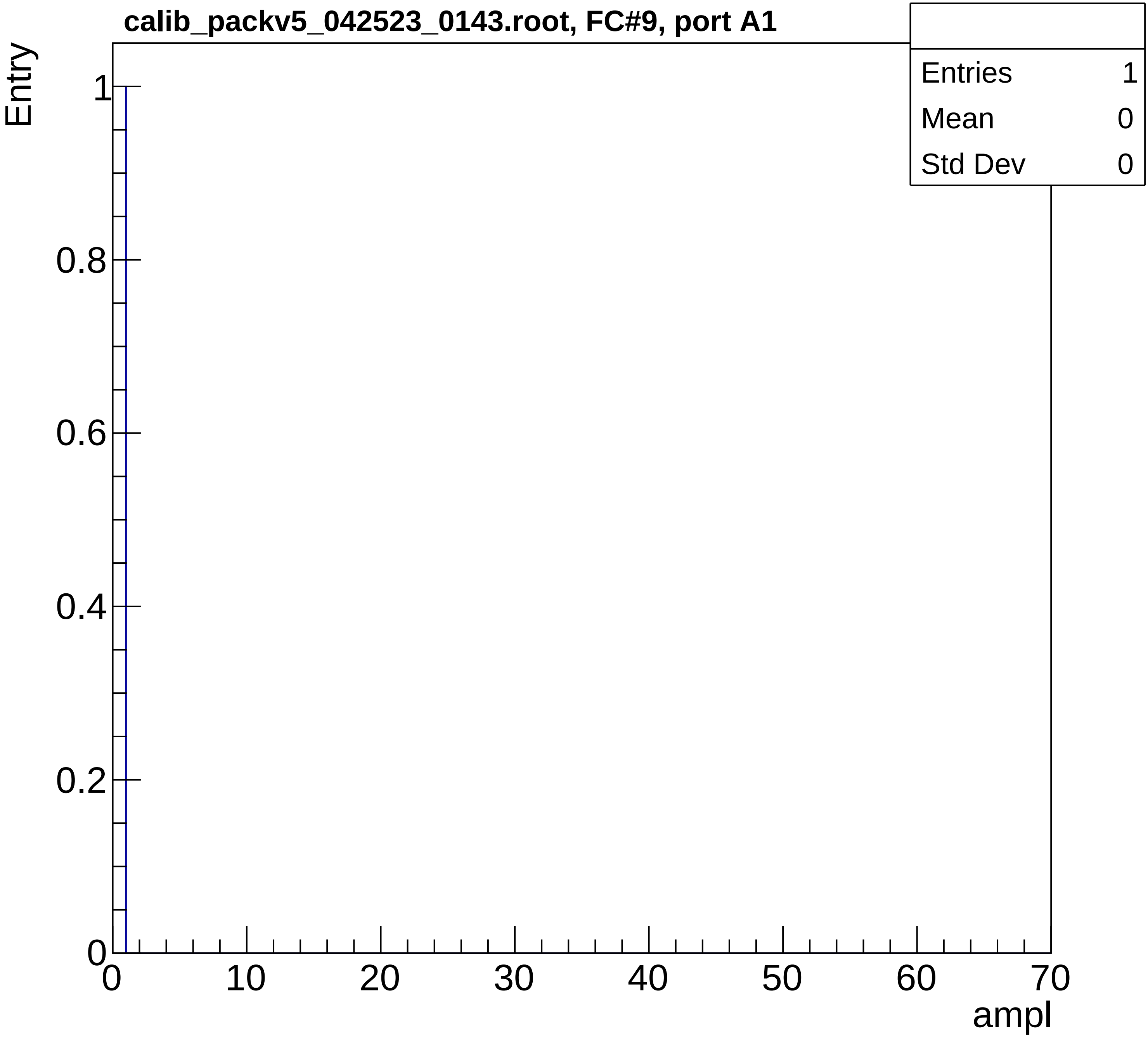


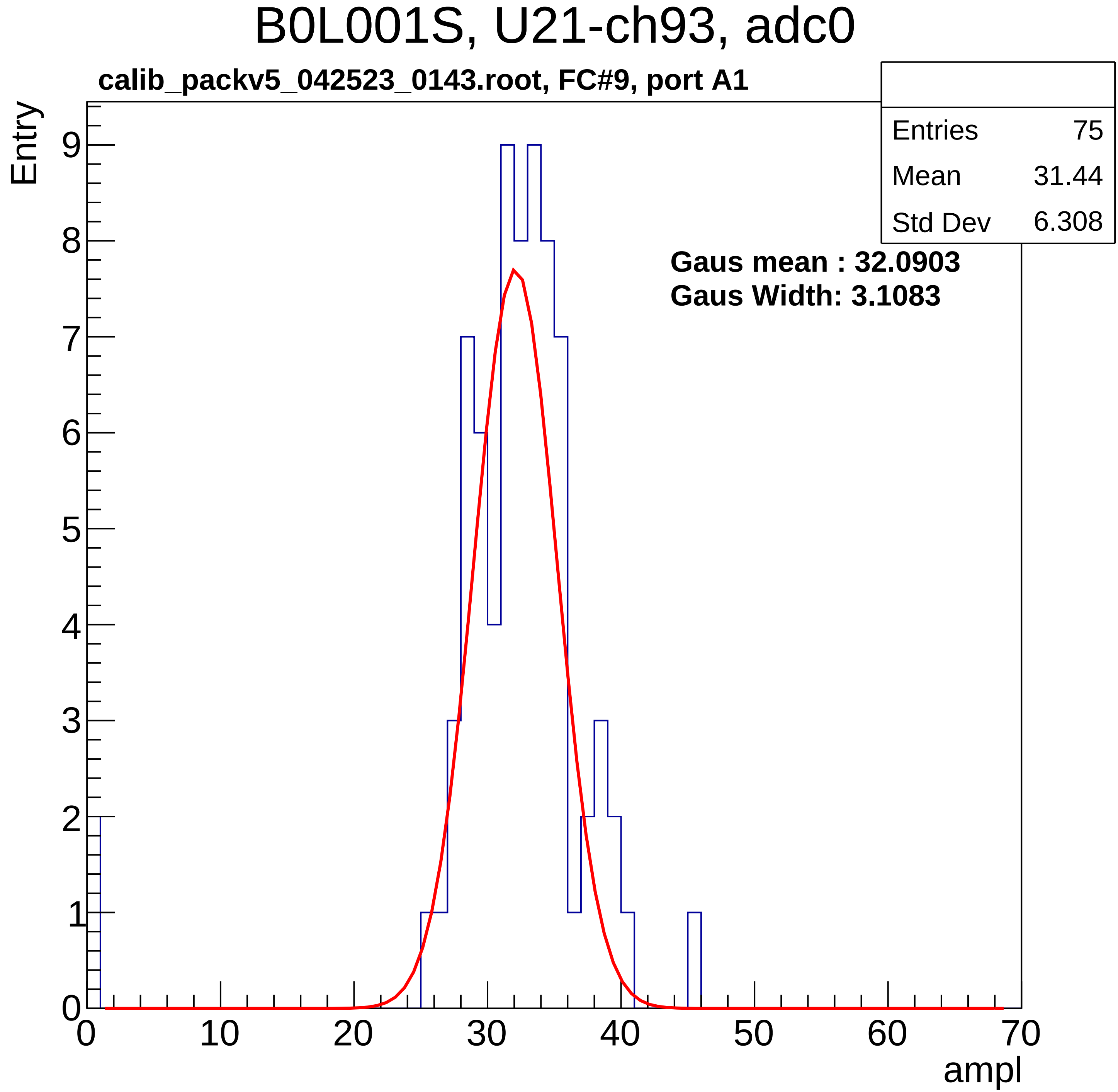

B0L001S, U21-ch92, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 58.11
Std Dev 9.051
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch92, adc6

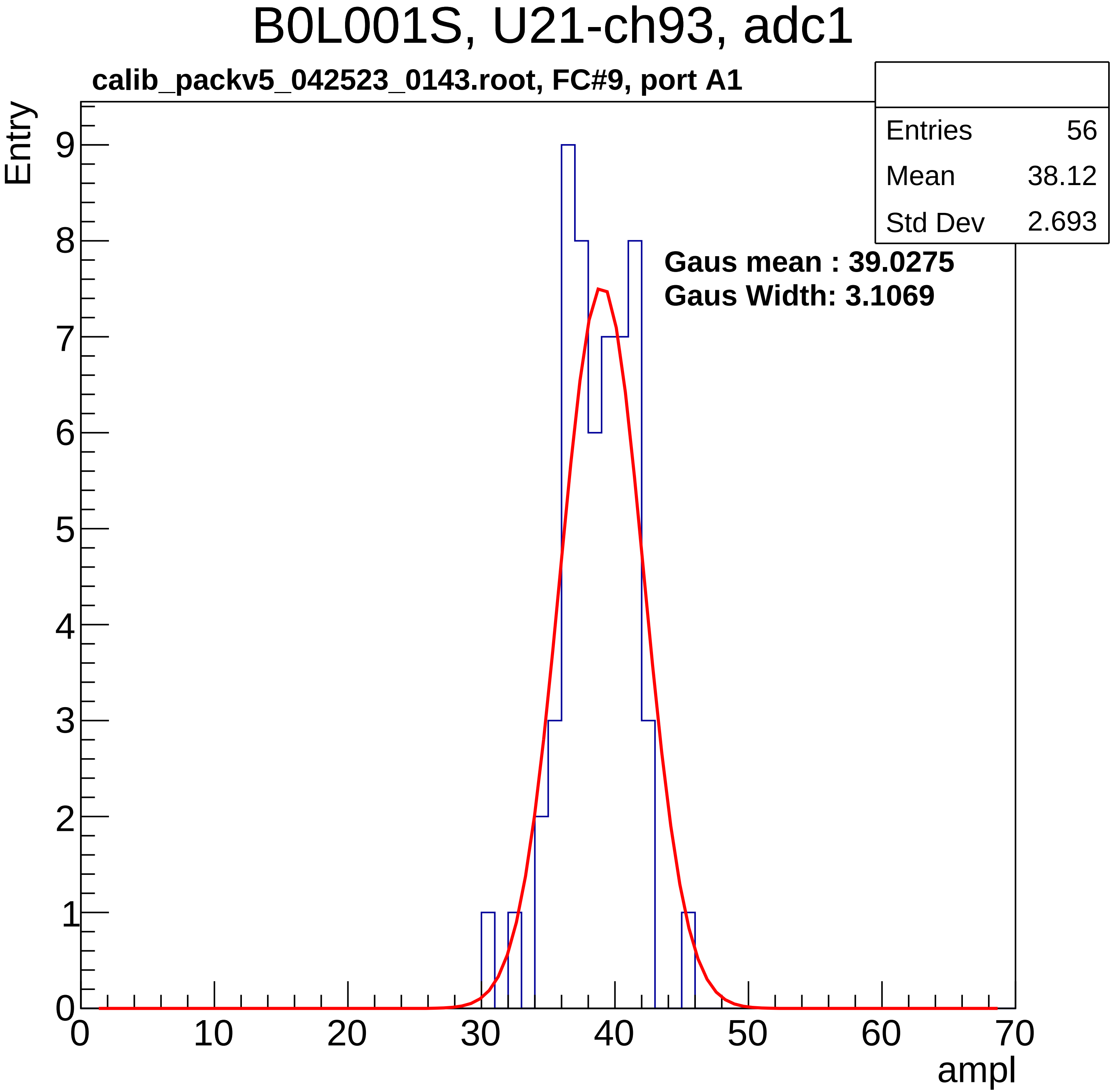


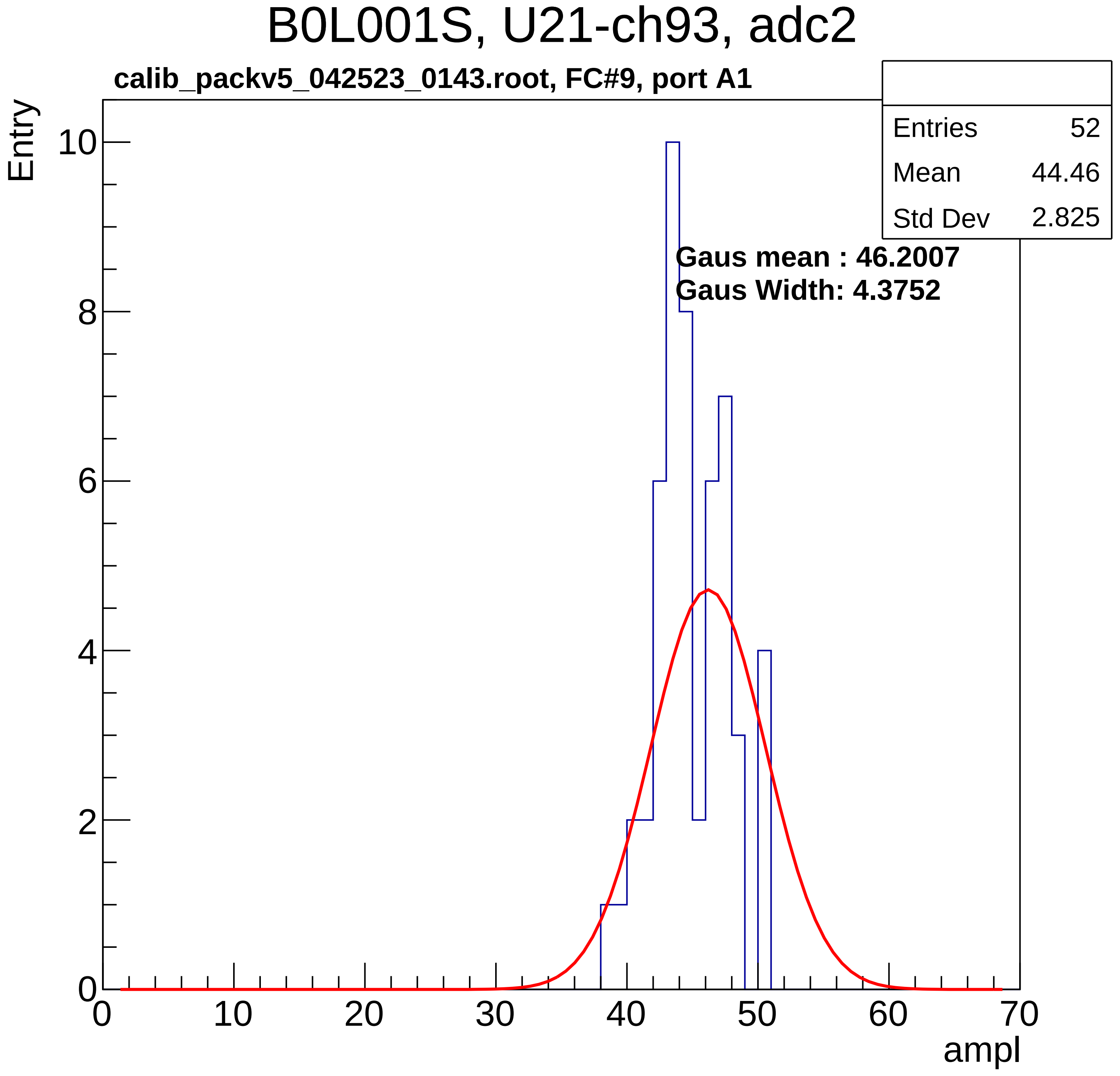
B0L001S, U21-ch92, adc7



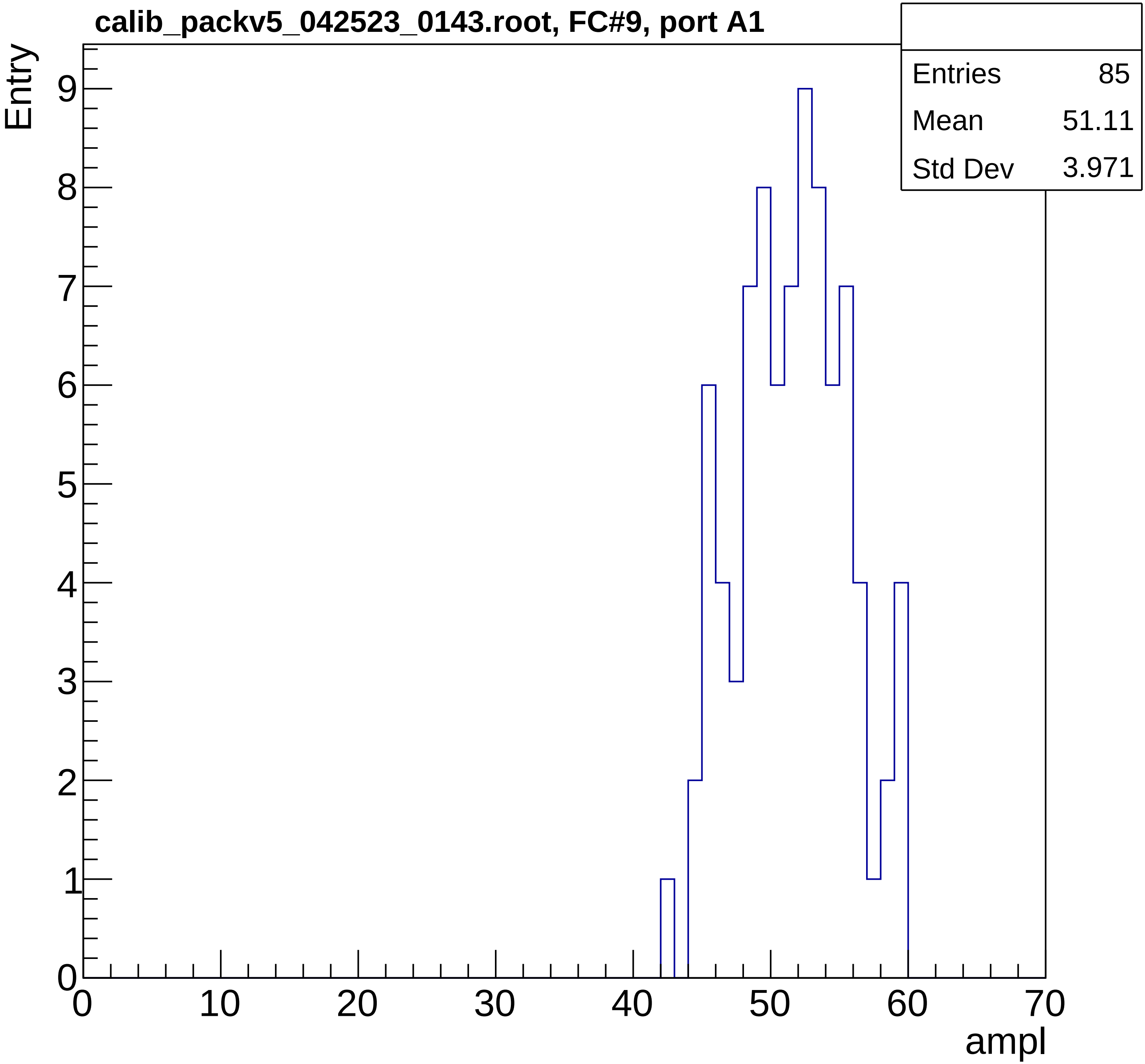


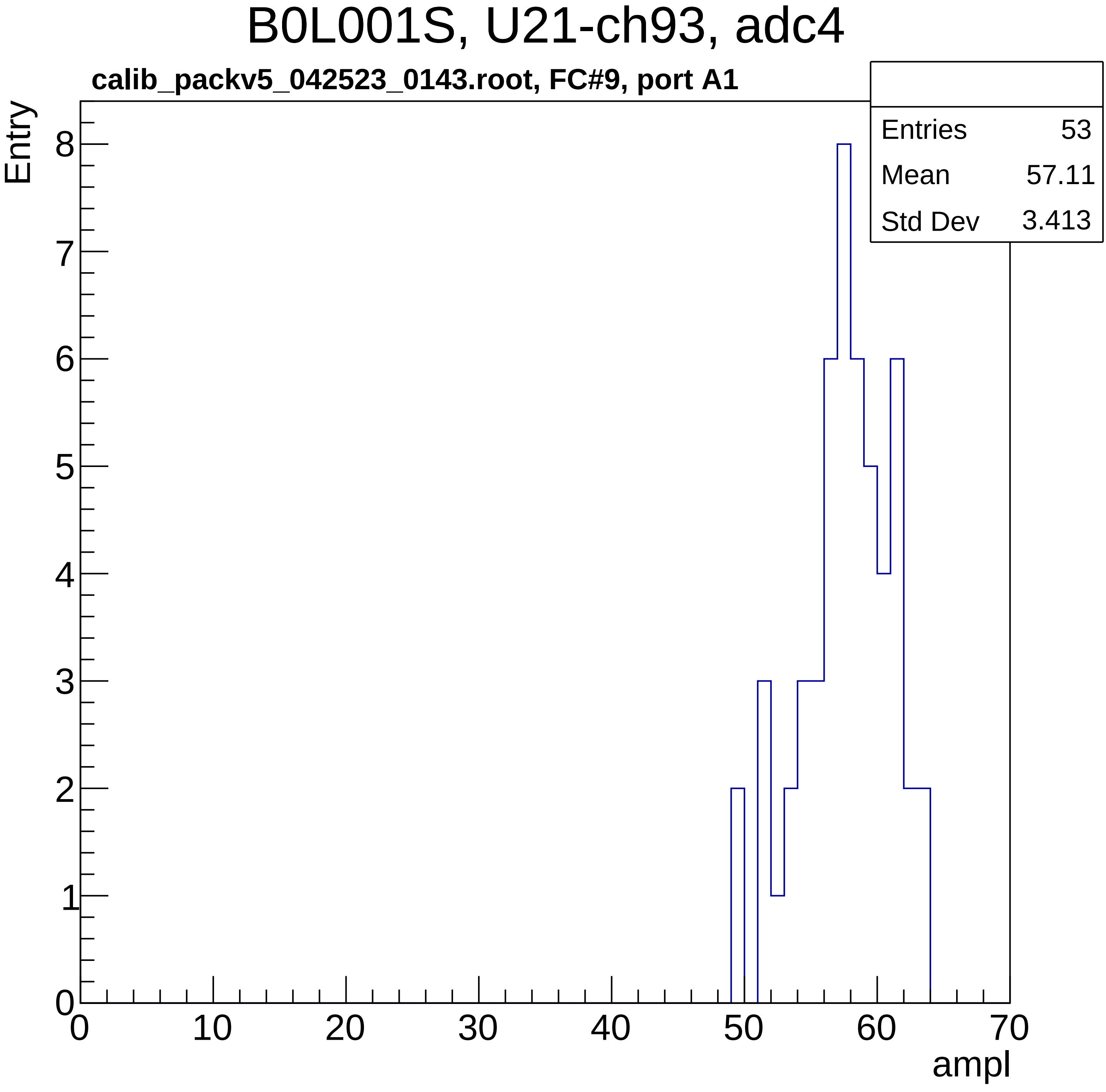
B0L001S, U21-ch93, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 31.44
Std Dev 6.308
Gaus mean : 32.0903
Gaus Width: 3.1083
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

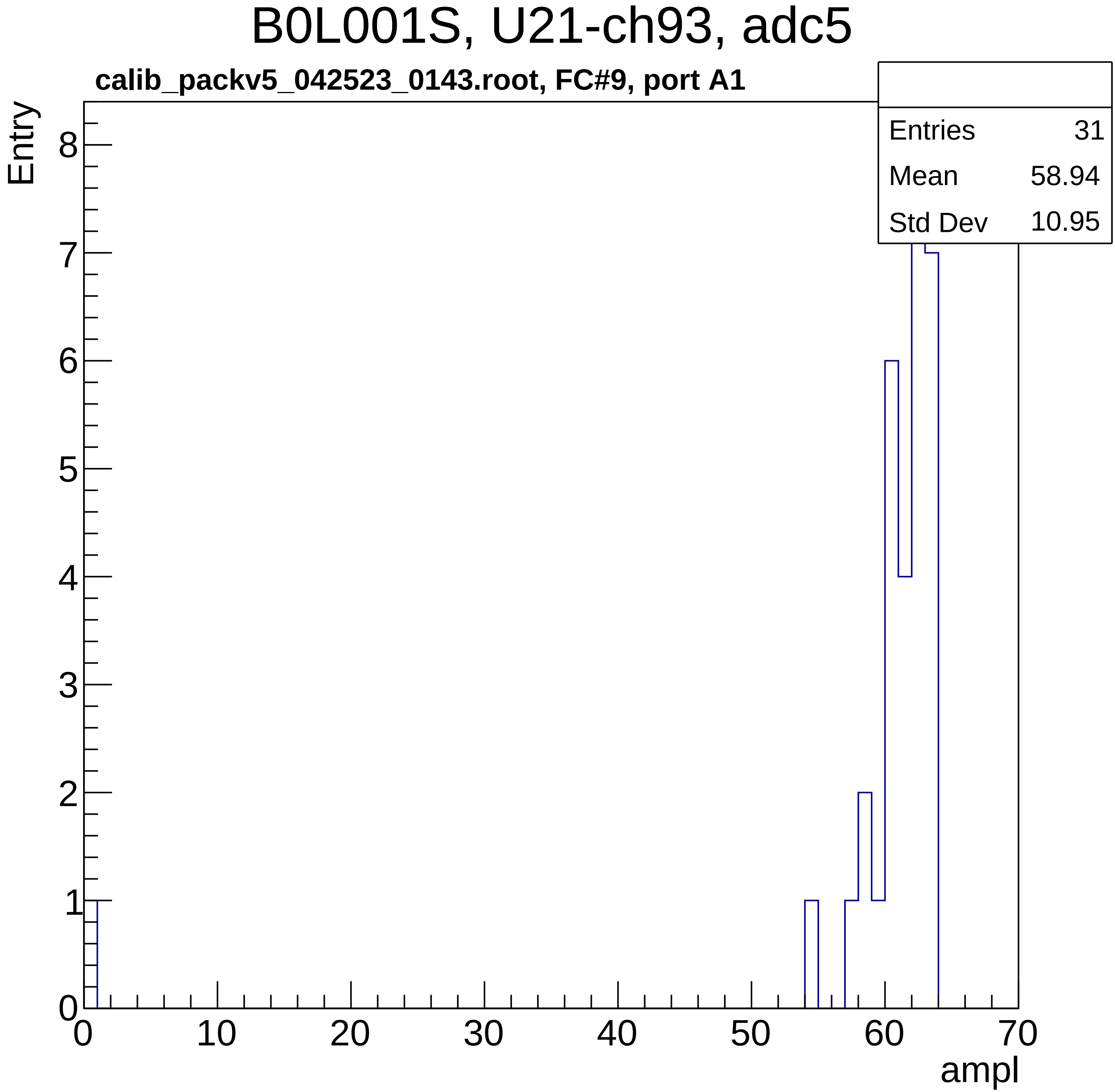

B0L001S, U21-ch93, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 38.12
Std Dev 2.693
Gaus mean : 39.0275
Gaus Width: 3.1069
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

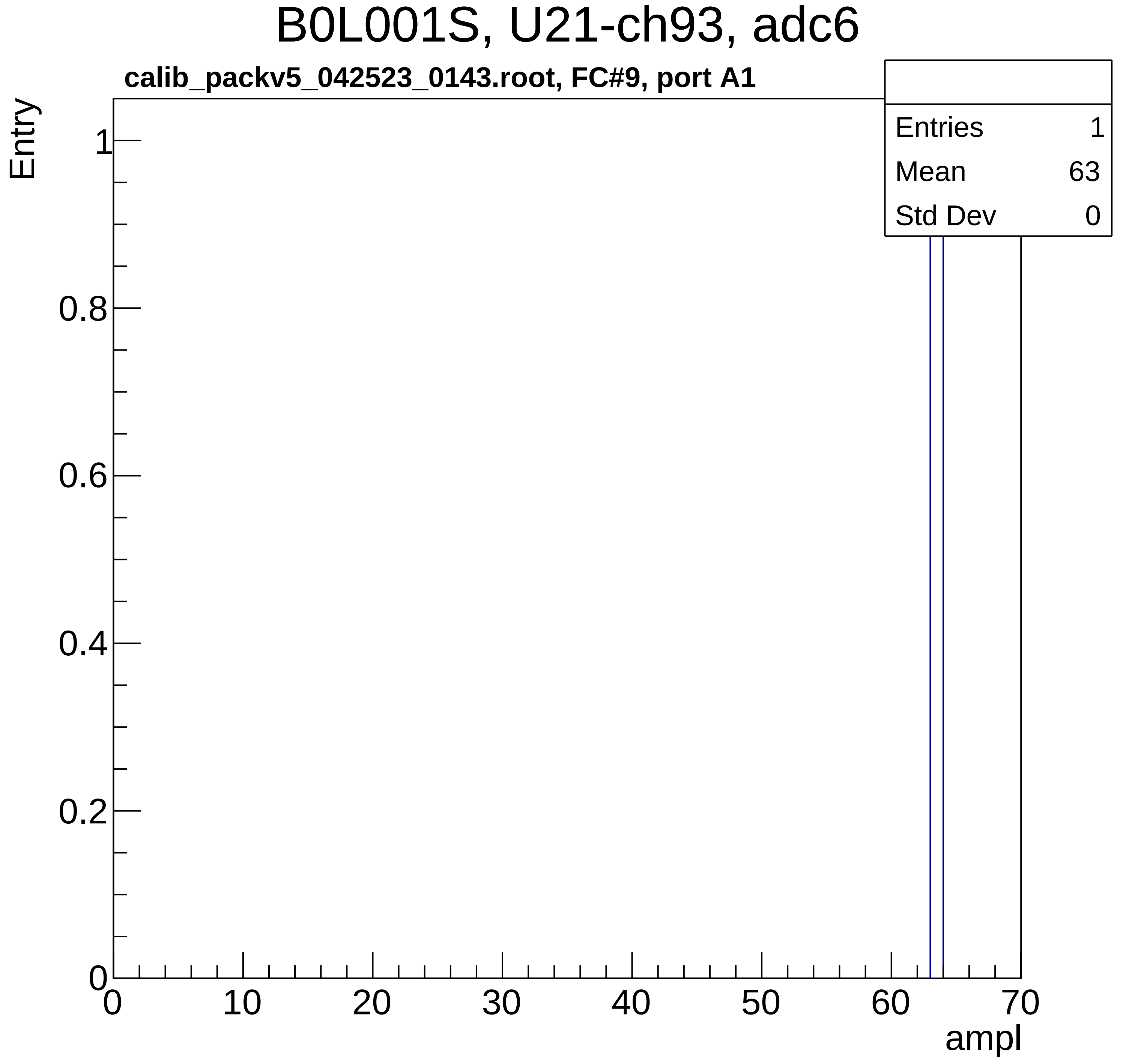

B0L001S, U21-ch93, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 44.46
Std Dev 2.825
Gaus mean : 46.2007
Gaus Width: 4.3752
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch93, adc3



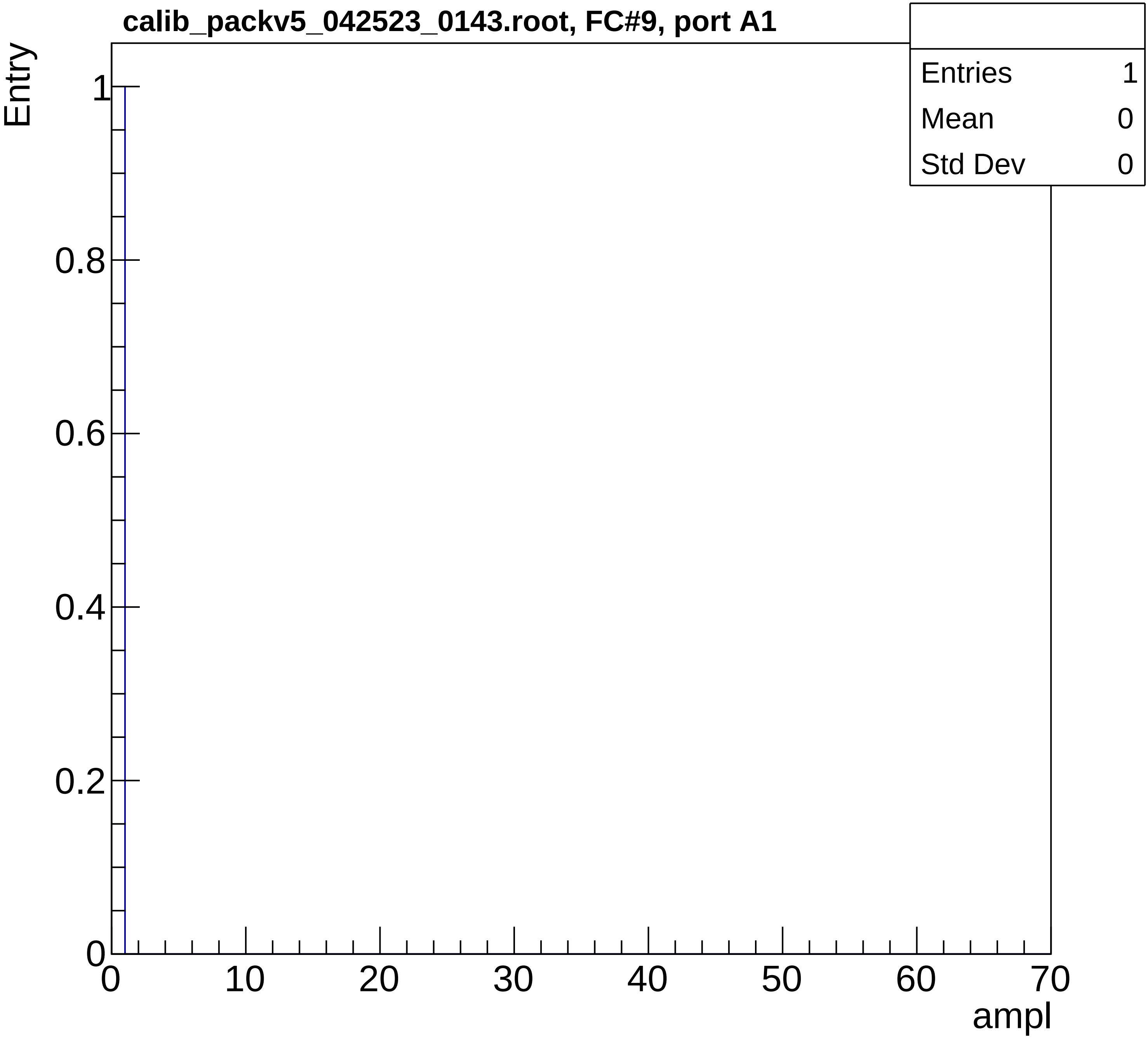

B0L001S, U21-ch93, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 57.11
Std Dev 3.413
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

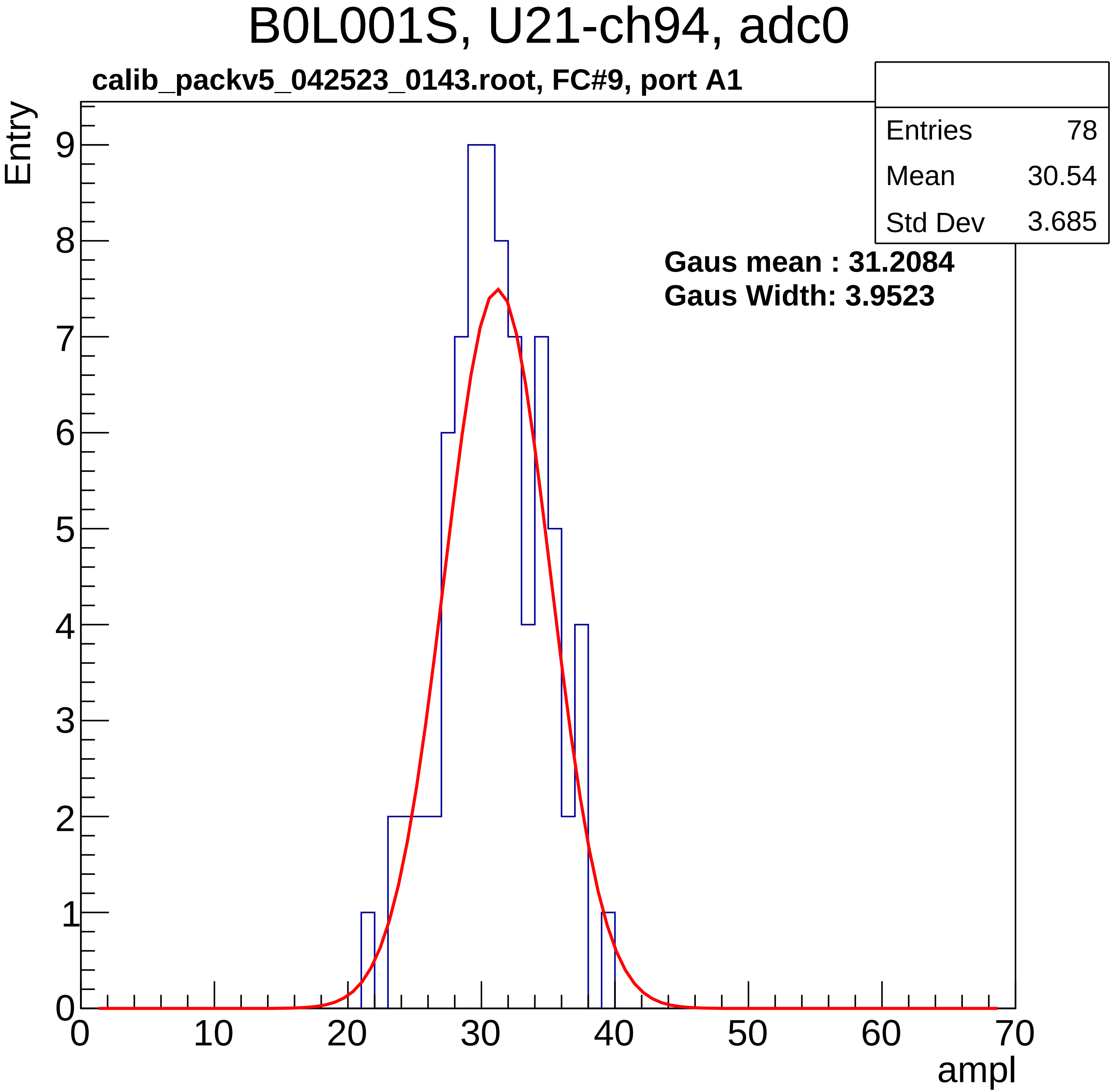

B0L001S, U21-ch93, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 31
Mean 58.94
Std Dev 10.95
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

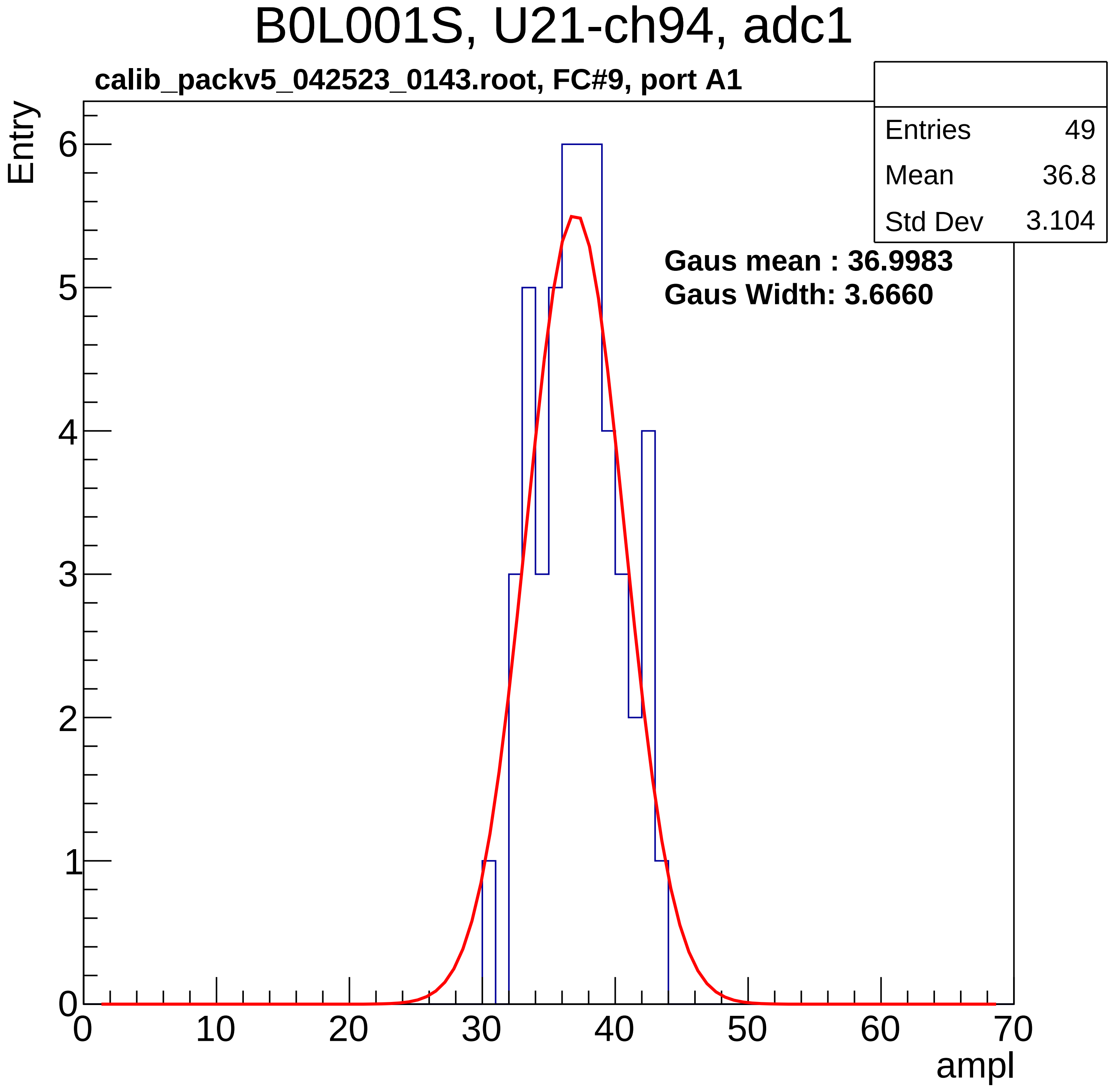

B0L001S, U21-ch93, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch93, adc7

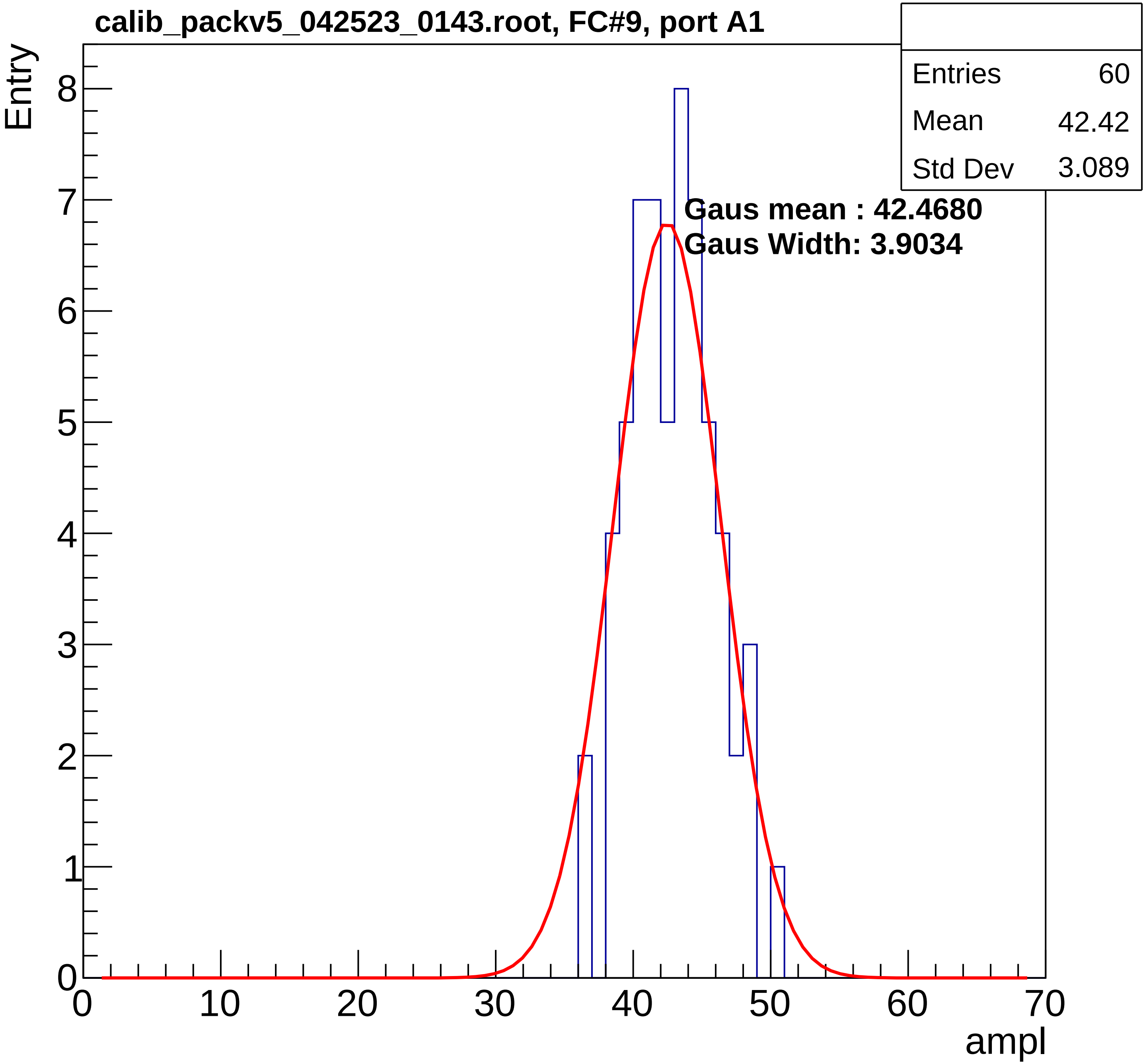
calib_packv5_042523_0143.root, FC#9, port A1



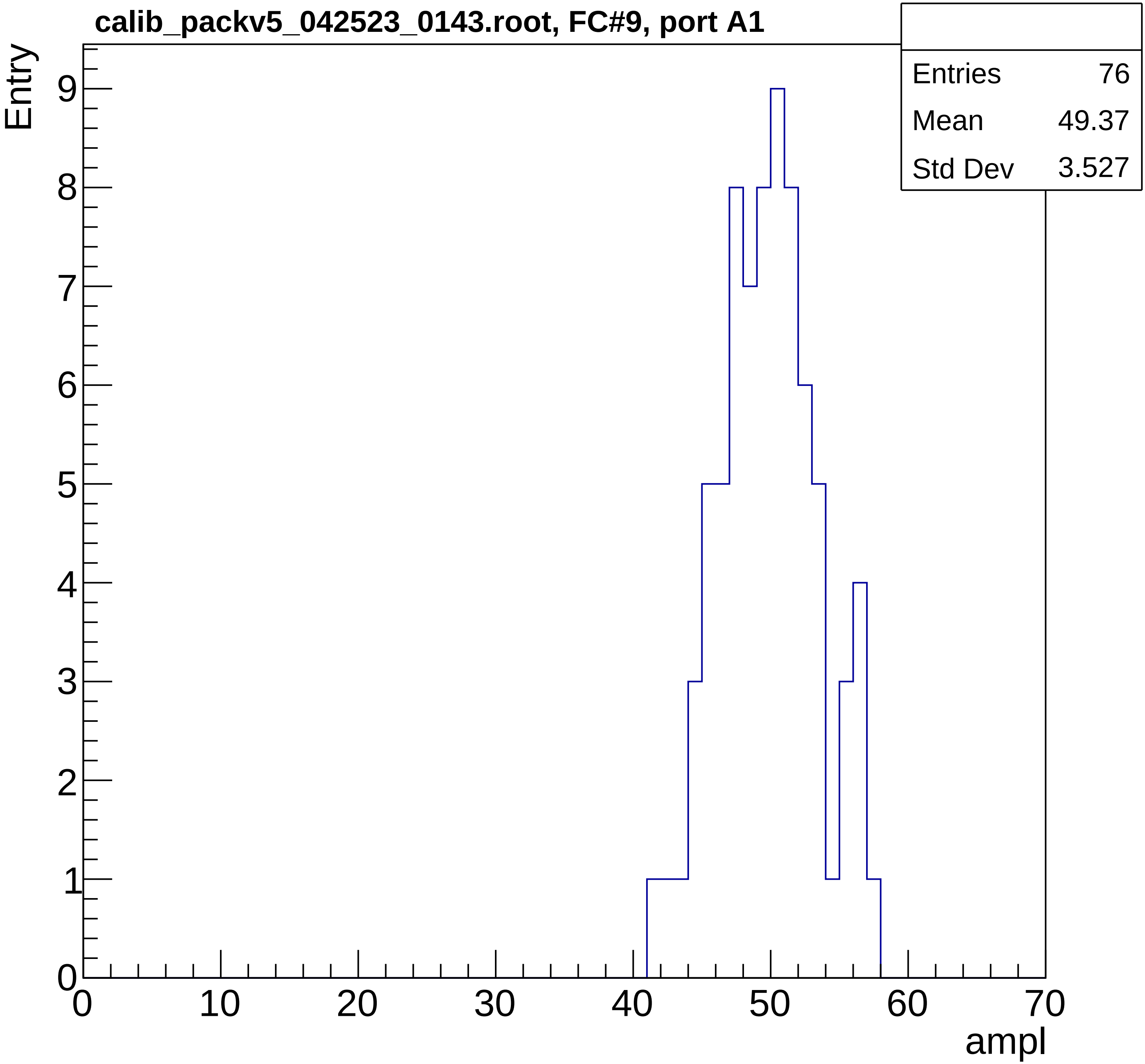

B0L001S, U21-ch94, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 30.54
Std Dev 3.685
Gaus mean : 31.2084
Gaus Width: 3.9523
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch94, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 36.8
Std Dev 3.104
Gaus mean : 36.9983
Gaus Width: 3.6660
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

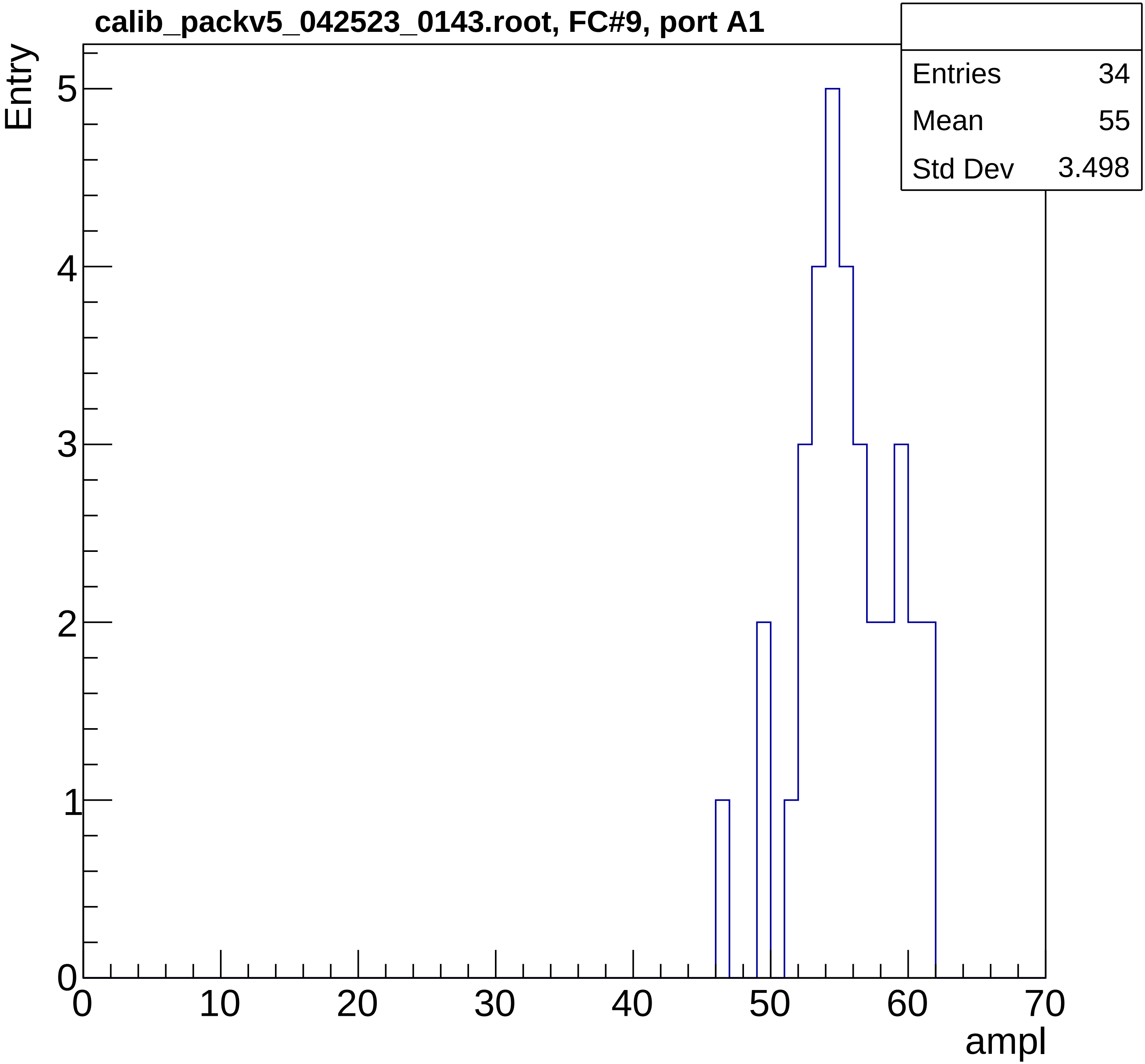
B0L001S, U21-ch94, adc2

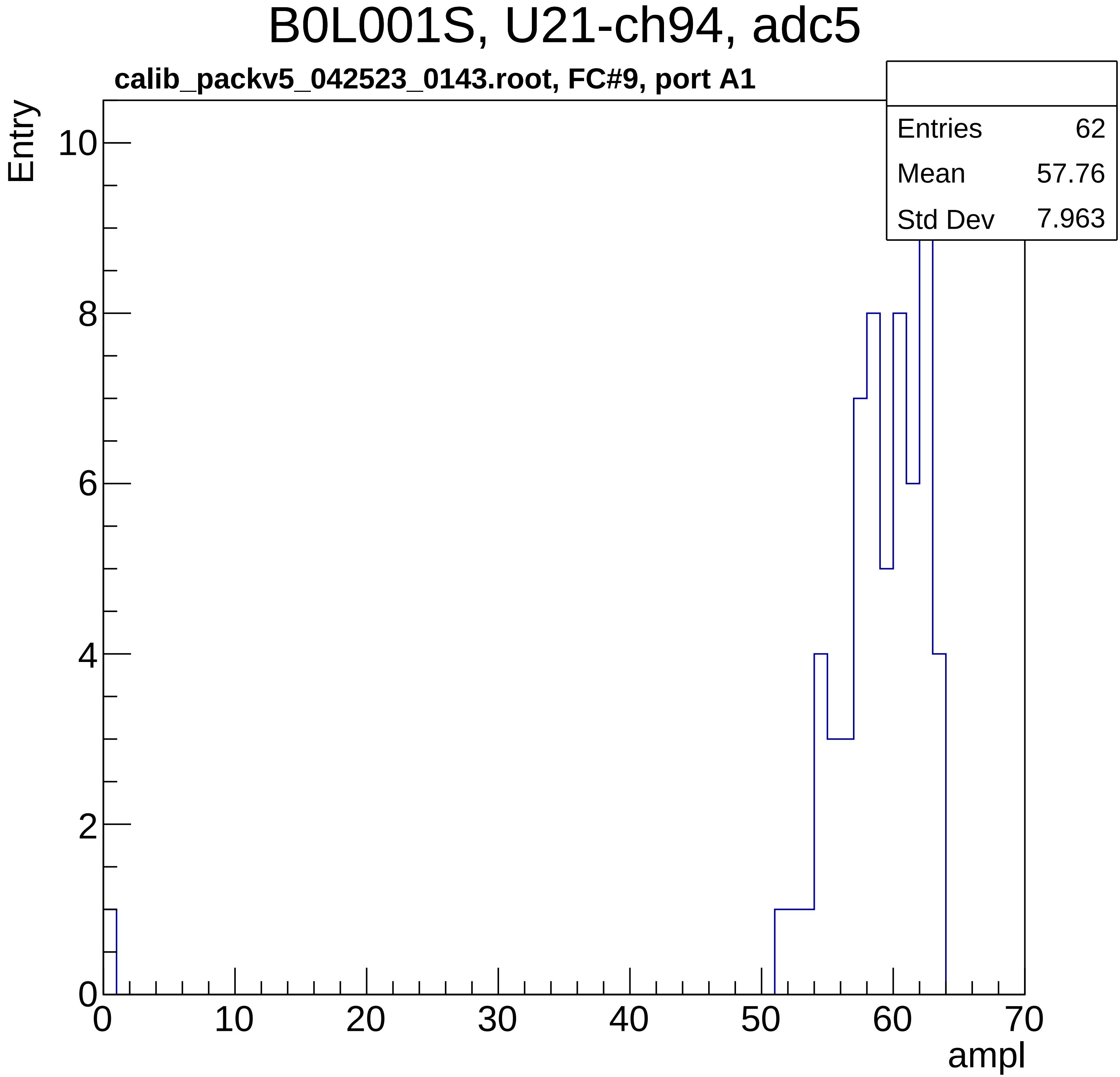


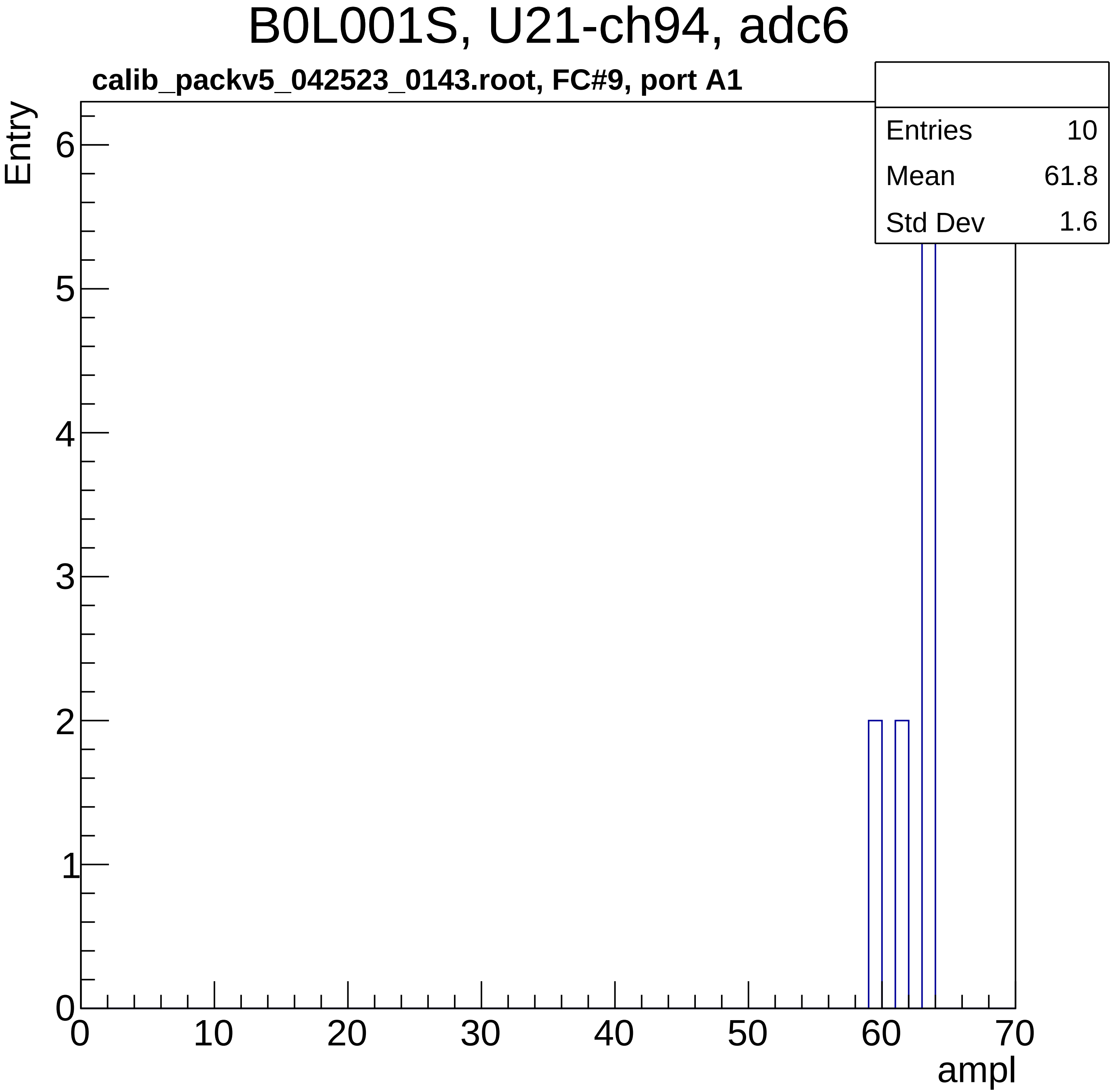
B0L001S, U21-ch94, adc3



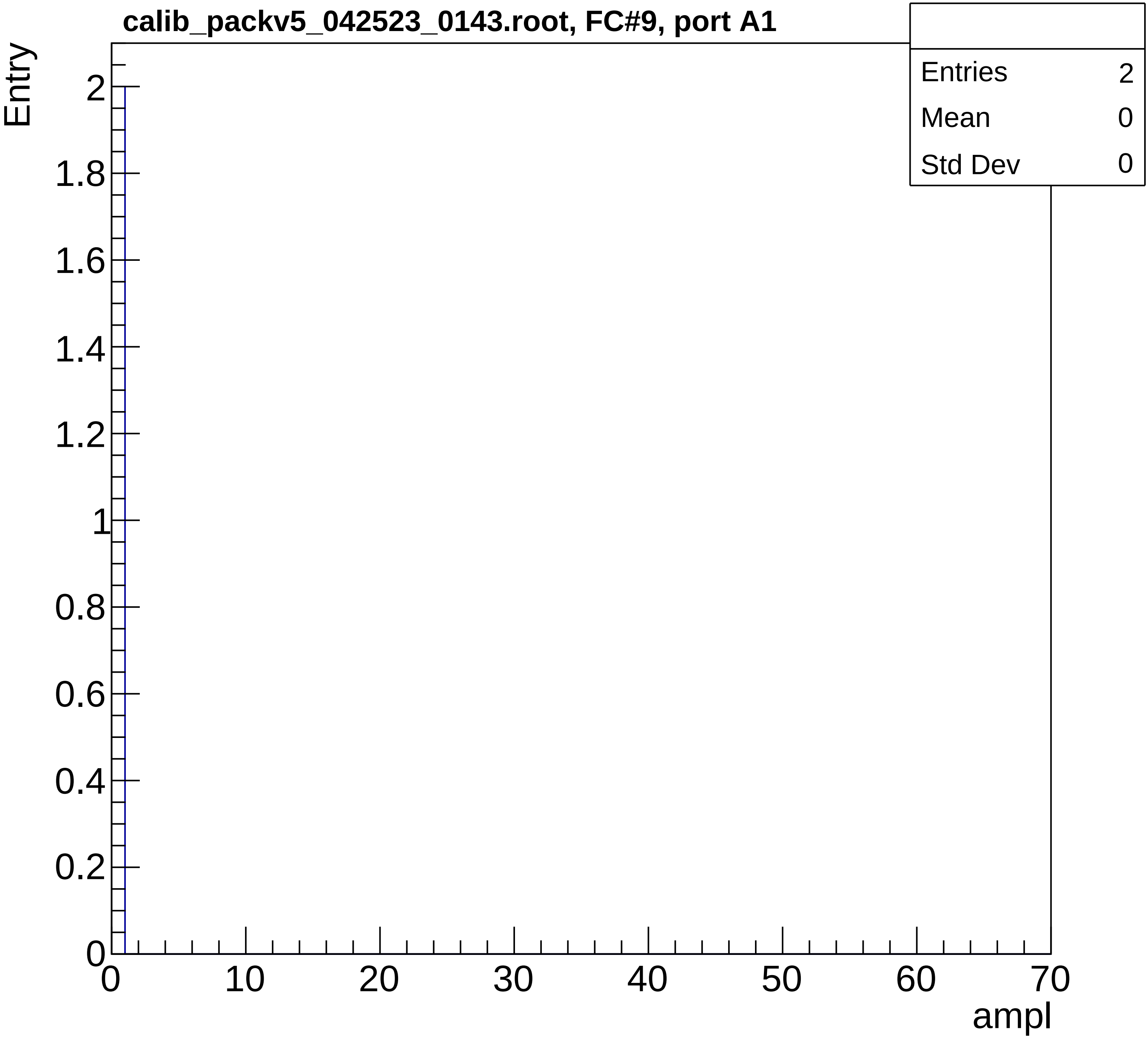
B0L001S, U21-ch94, adc4



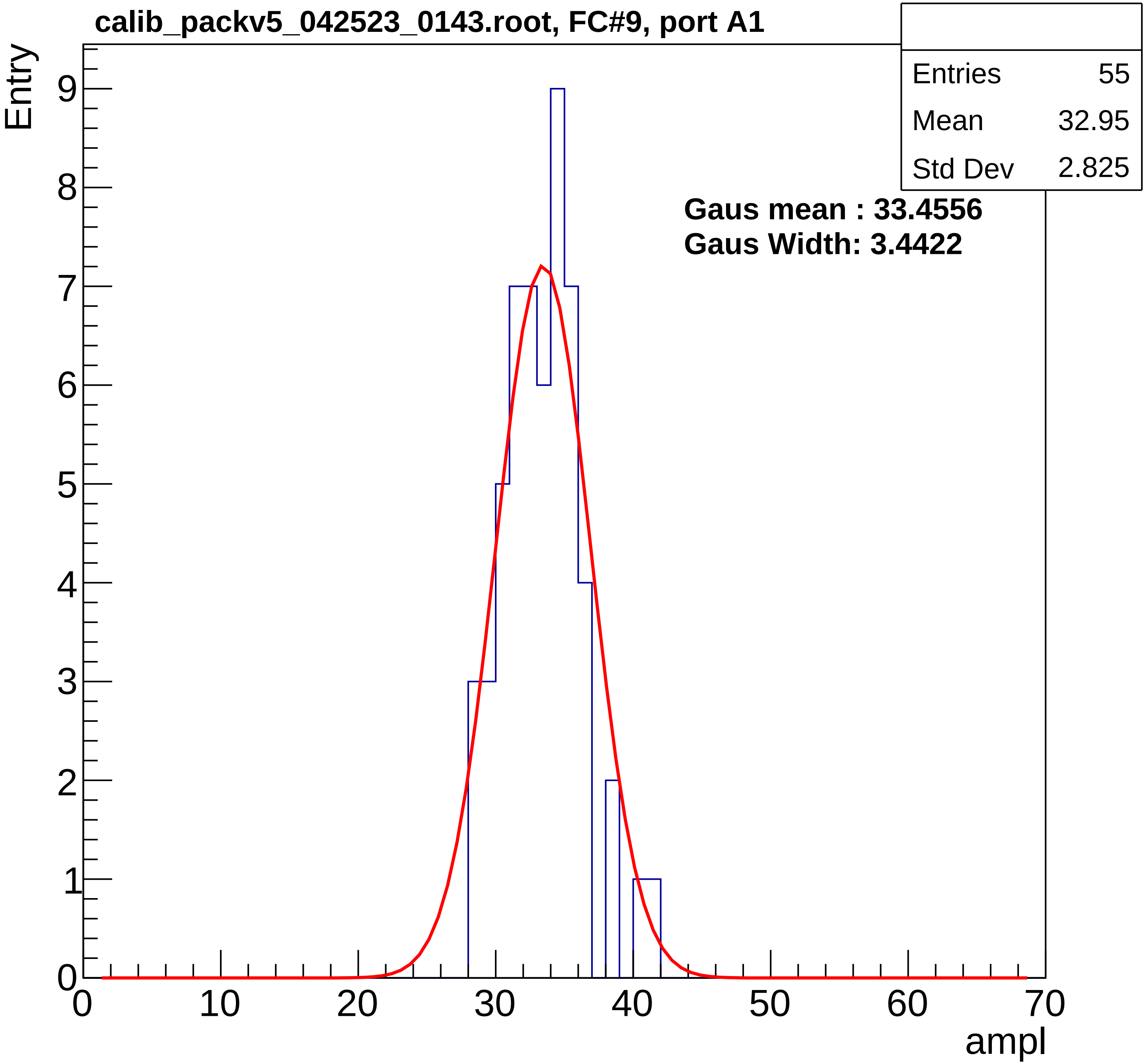

B0L001S, U21-ch94, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.76
Std Dev 7.963
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

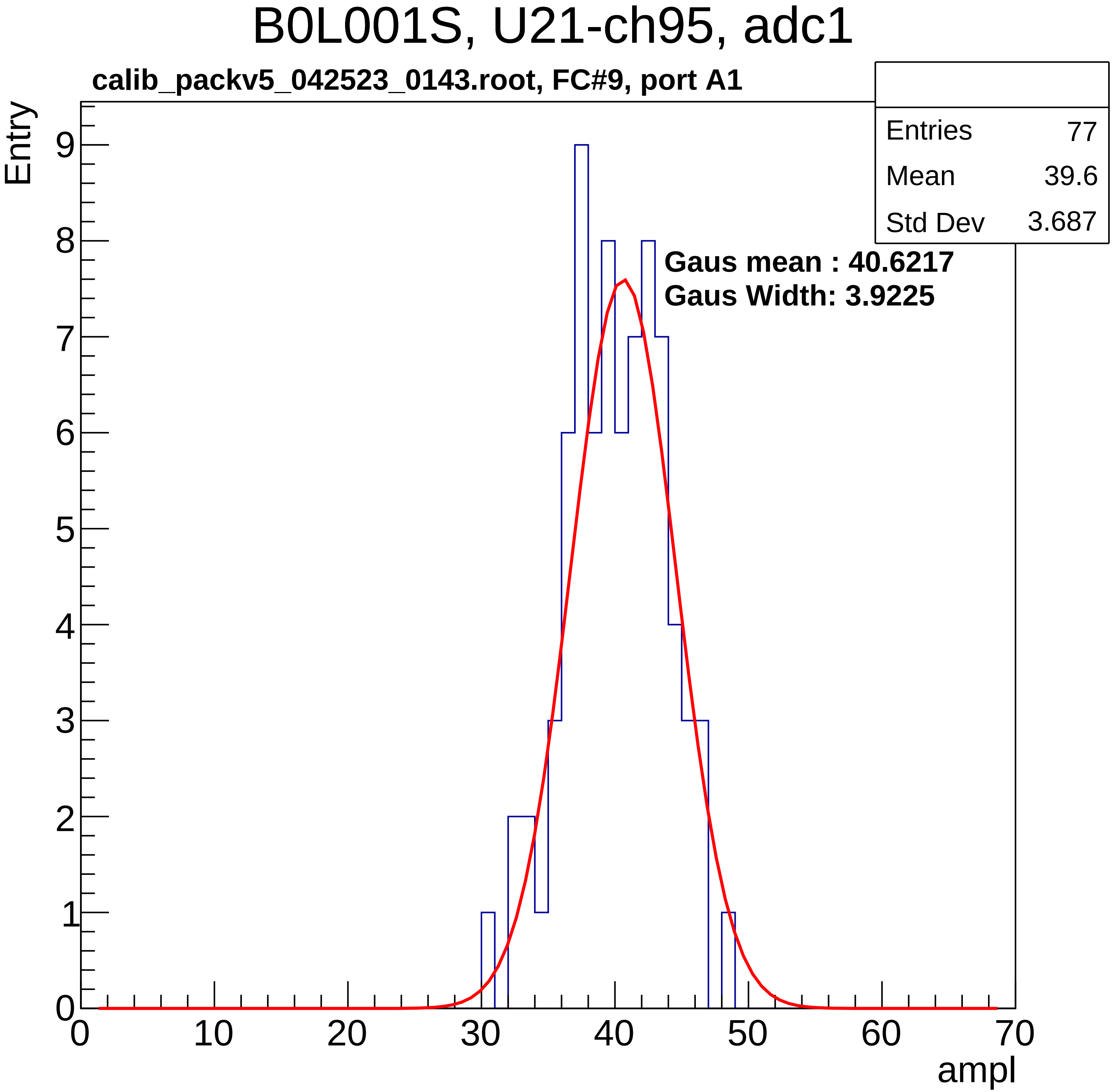

B0L001S, U21-ch94, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 10
Mean 61.8
Std Dev 1.6
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

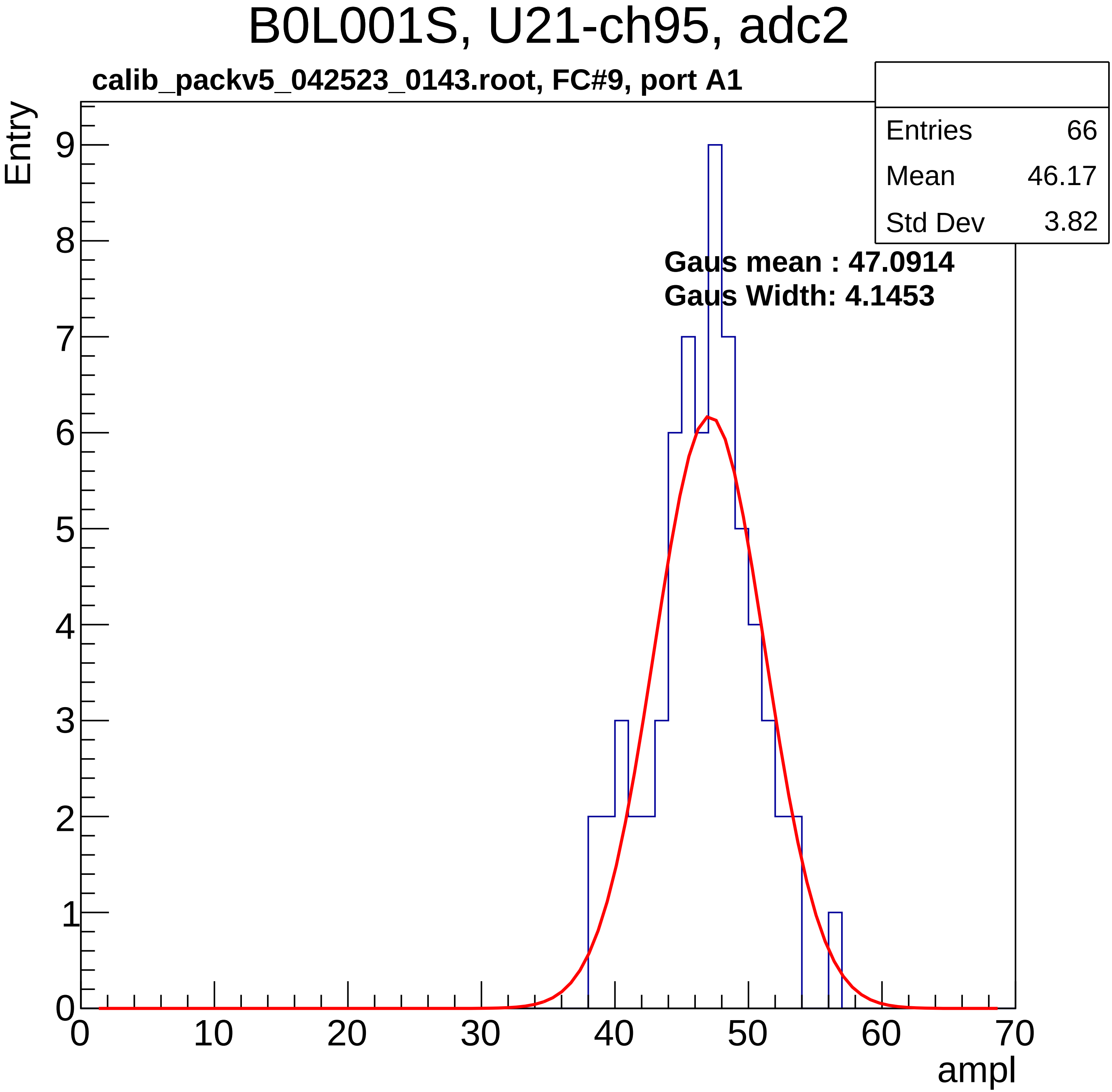
B0L001S, U21-ch94, adc7

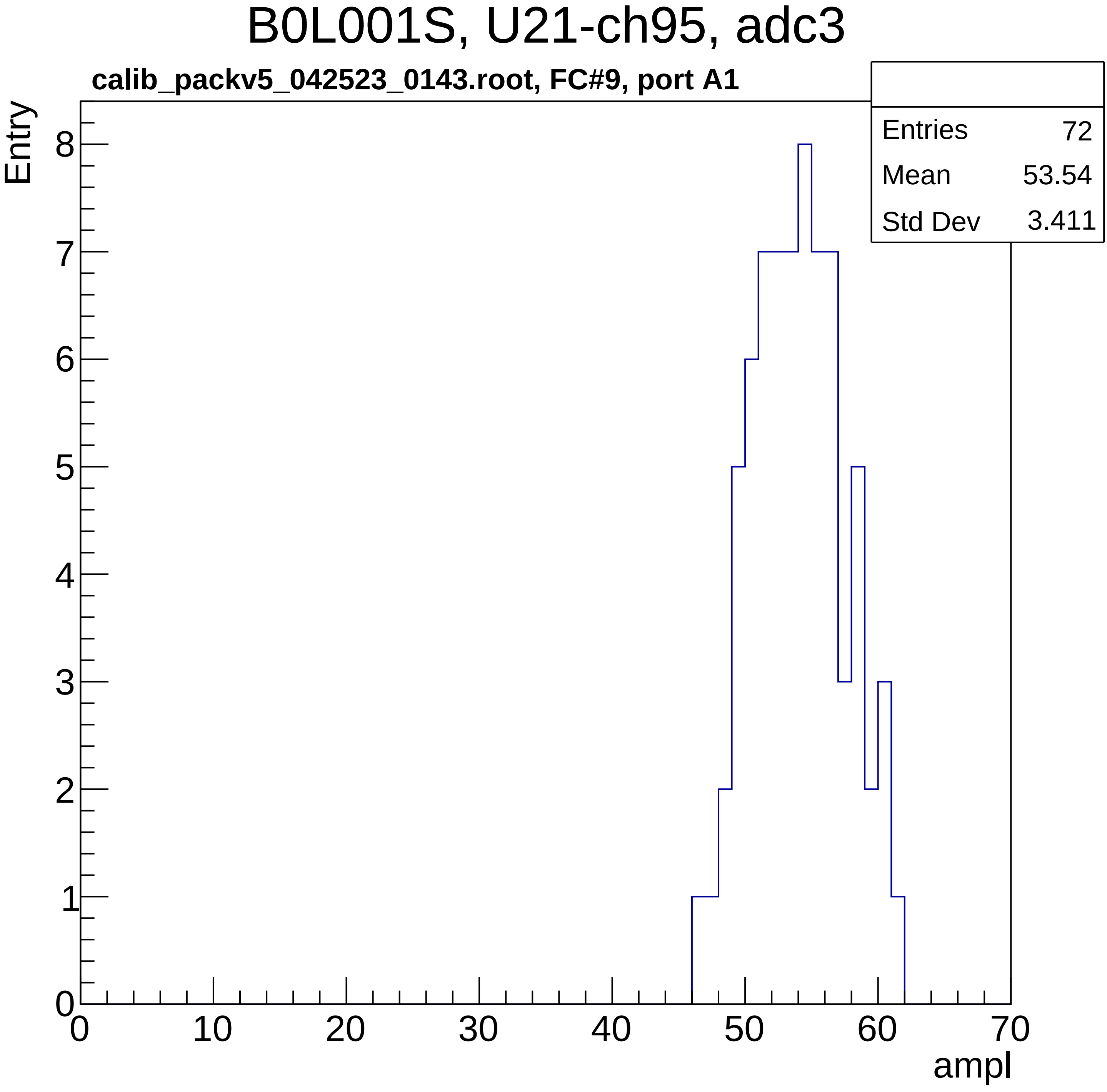


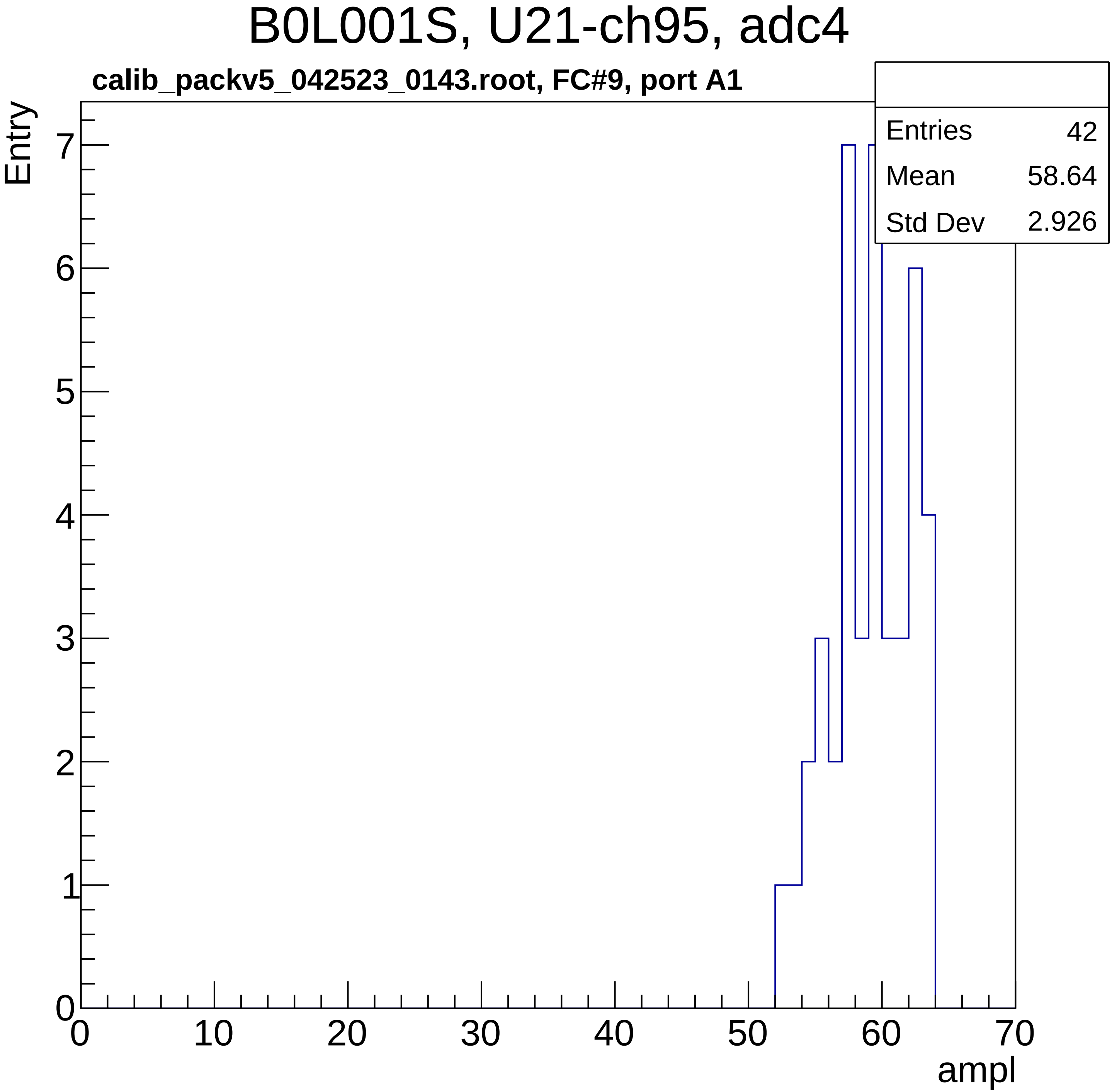
B0L001S, U21-ch95, adc0



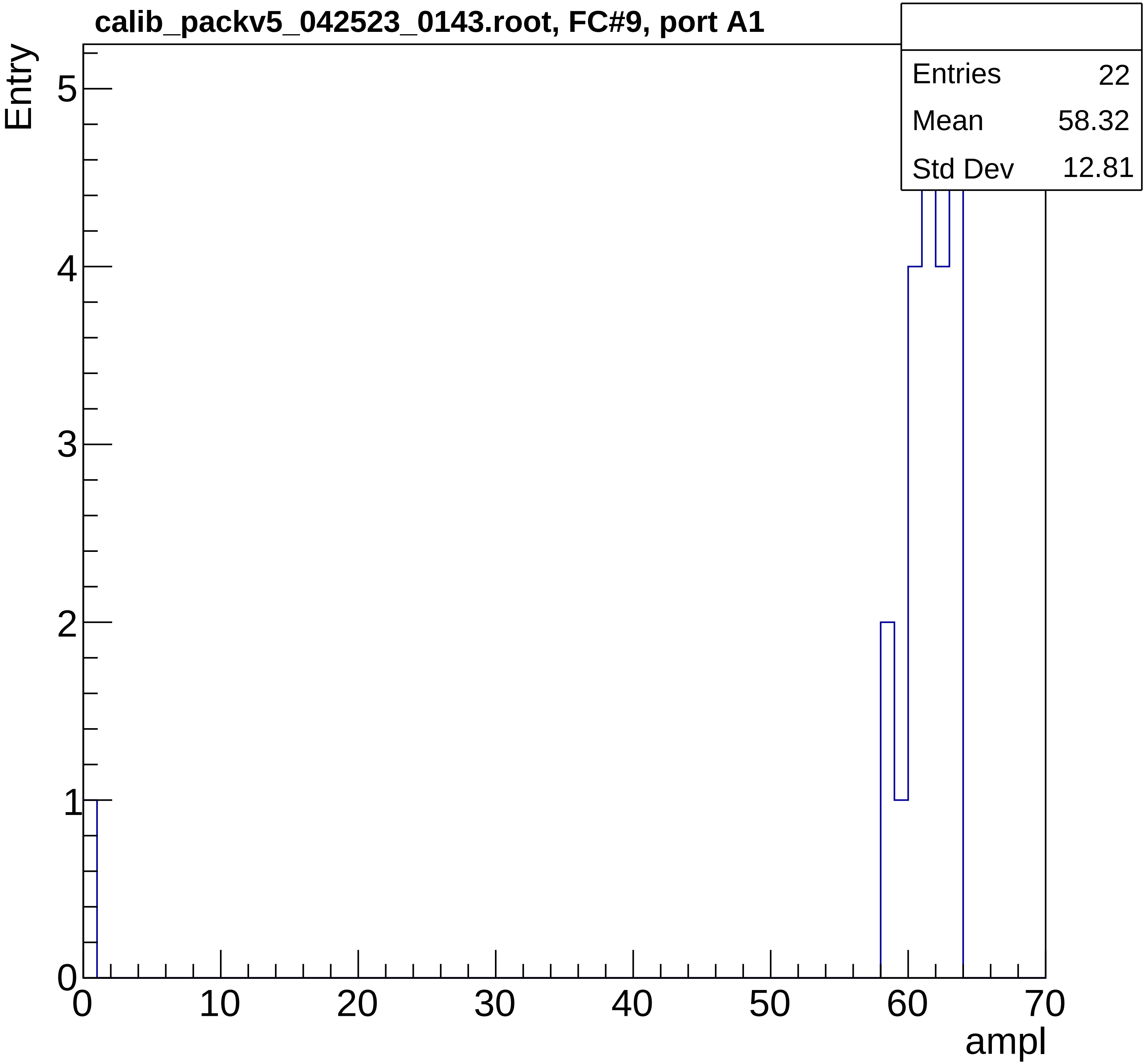

B0L001S, U21-ch95, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 39.6
Std Dev 3.687
Gaus mean : 40.6217
Gaus Width: 3.9225
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

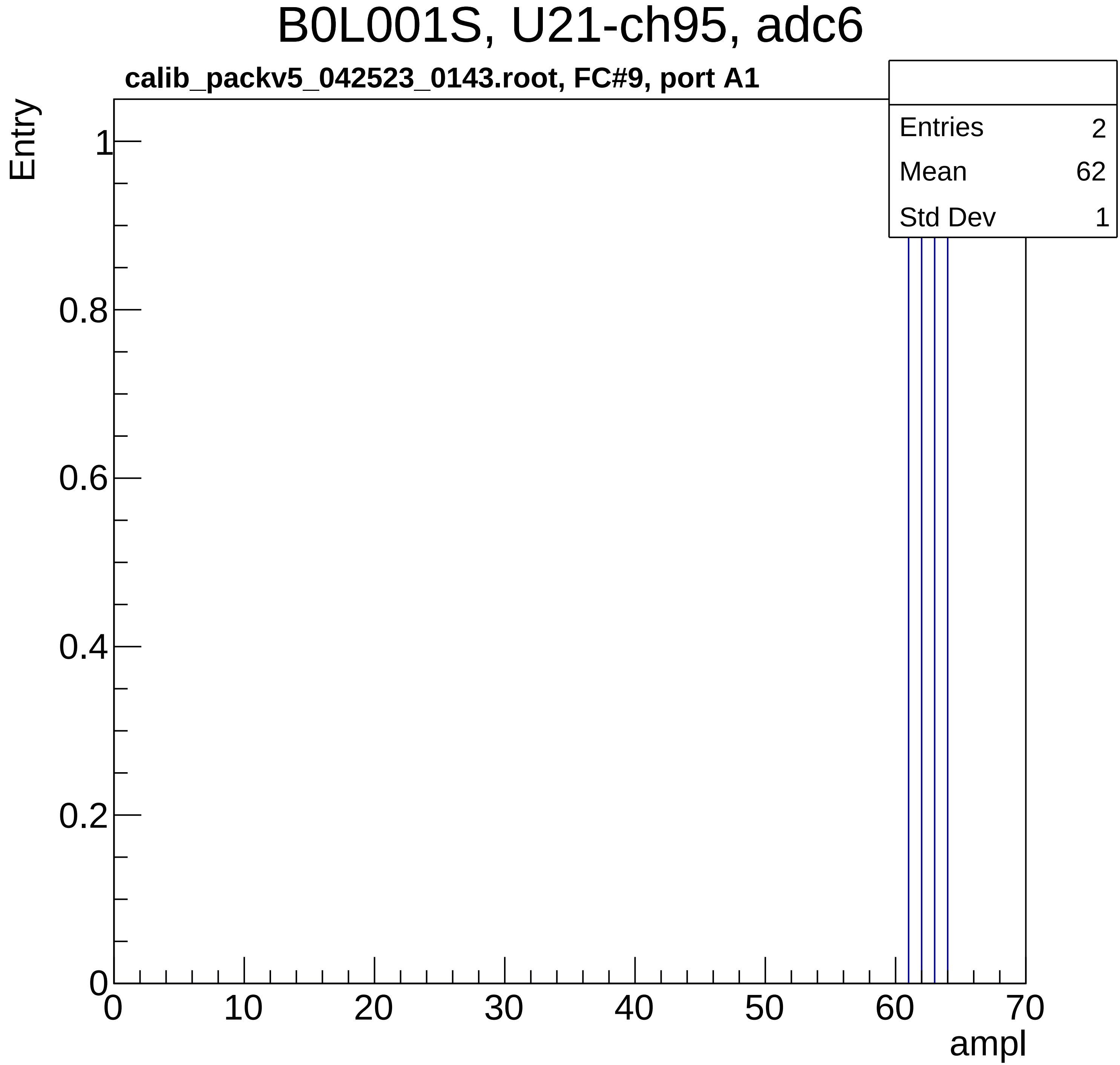

B0L001S, U21-ch95, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 46.17
Std Dev 3.82
Gaus mean : 47.0914
Gaus Width: 4.1453
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch95, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 53.54
Std Dev 3.411
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch95, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.64
Std Dev 2.926
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

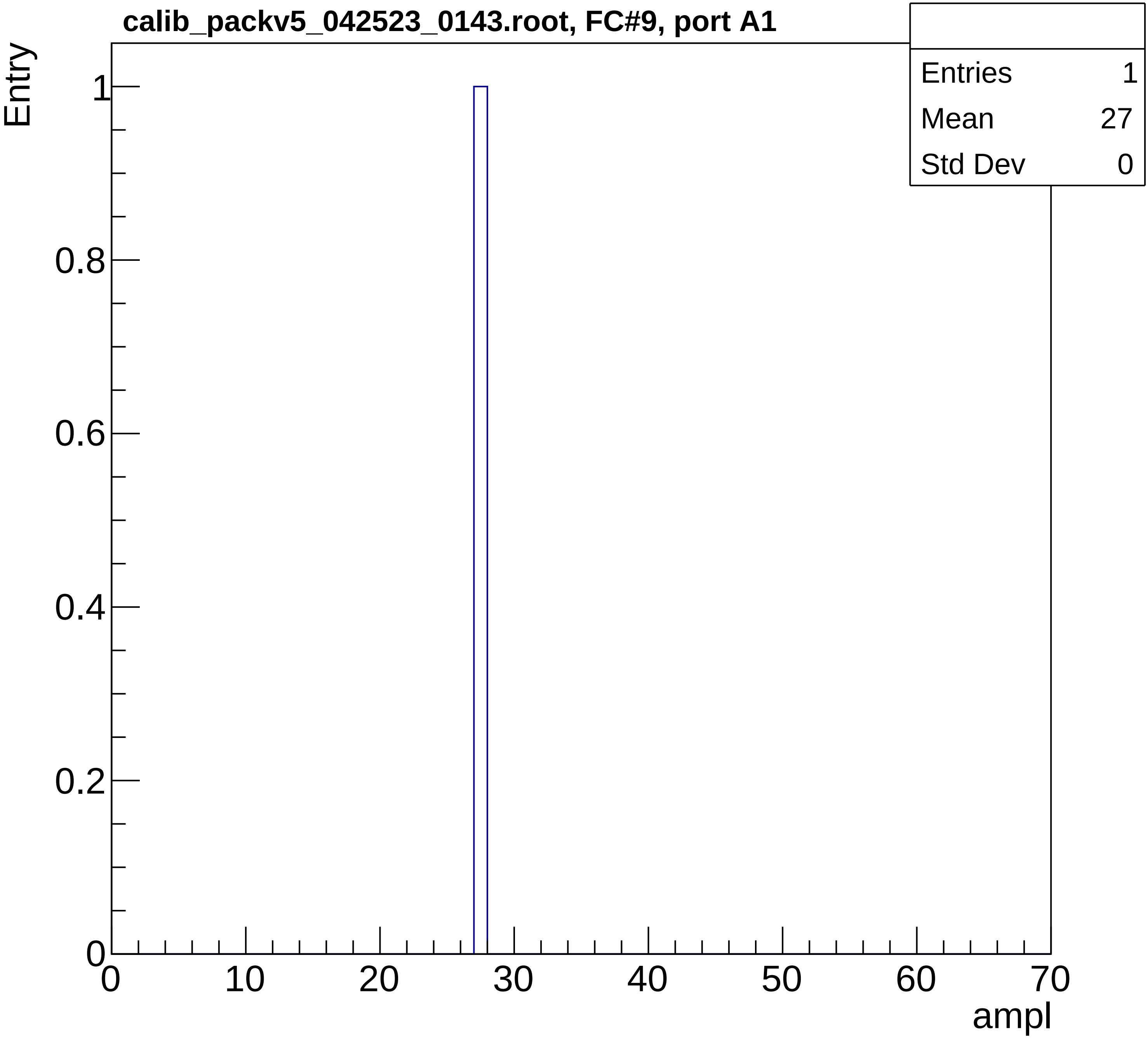
B0L001S, U21-ch95, adc5

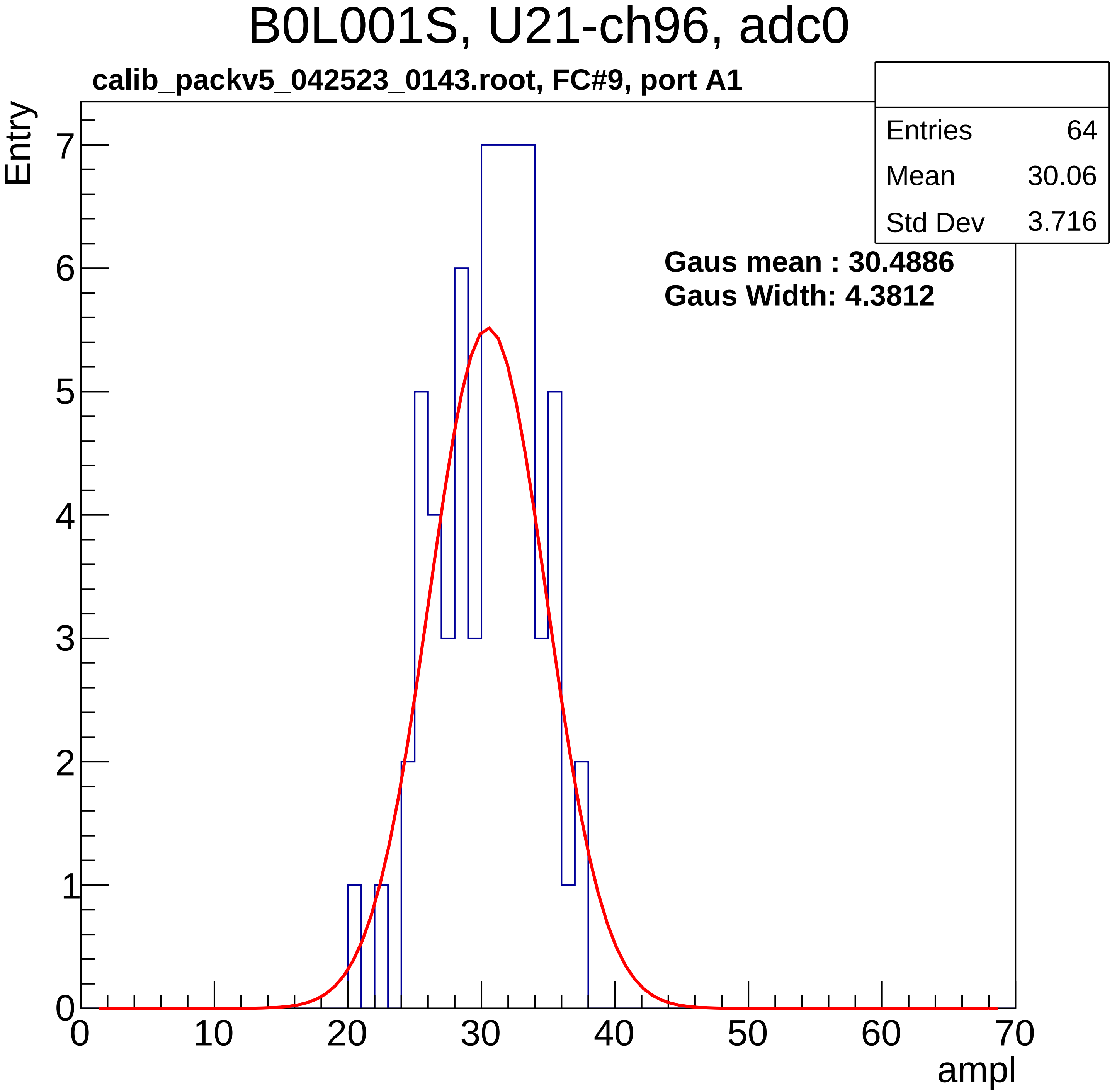


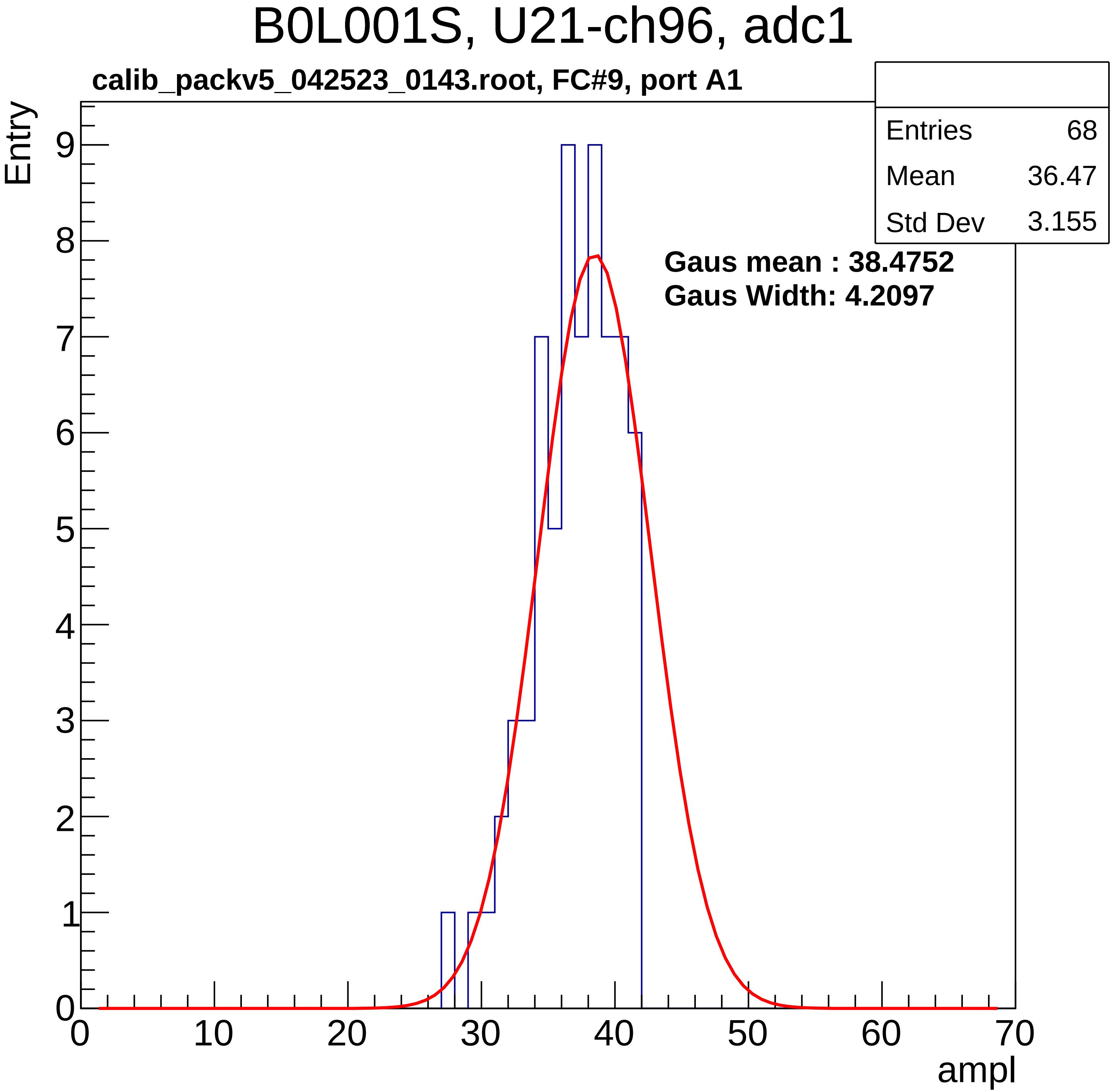

B0L001S, U21-ch95, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

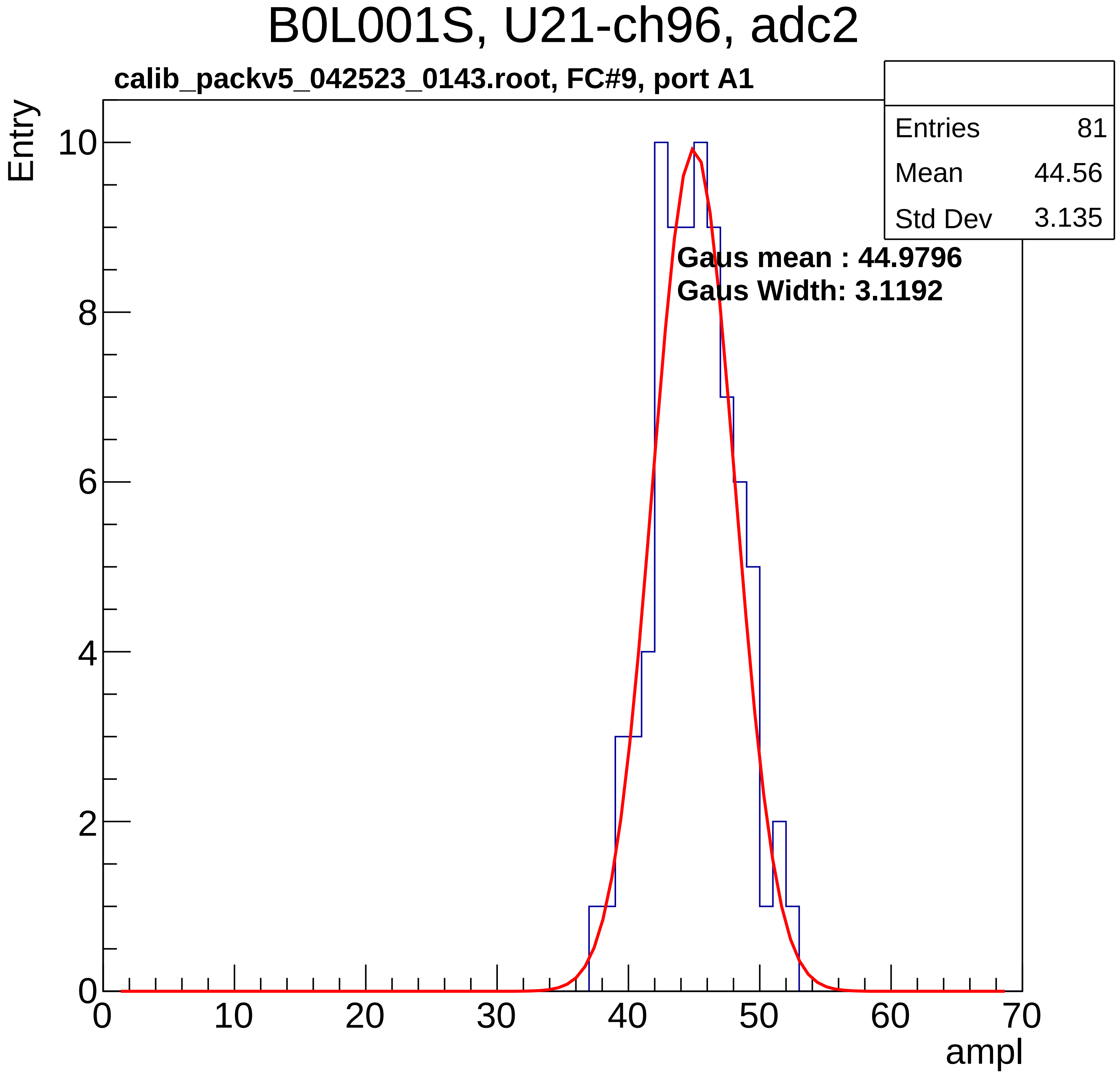
B0L001S, U21-ch95, adc7

calib_packv5_042523_0143.root, FC#9, port A1



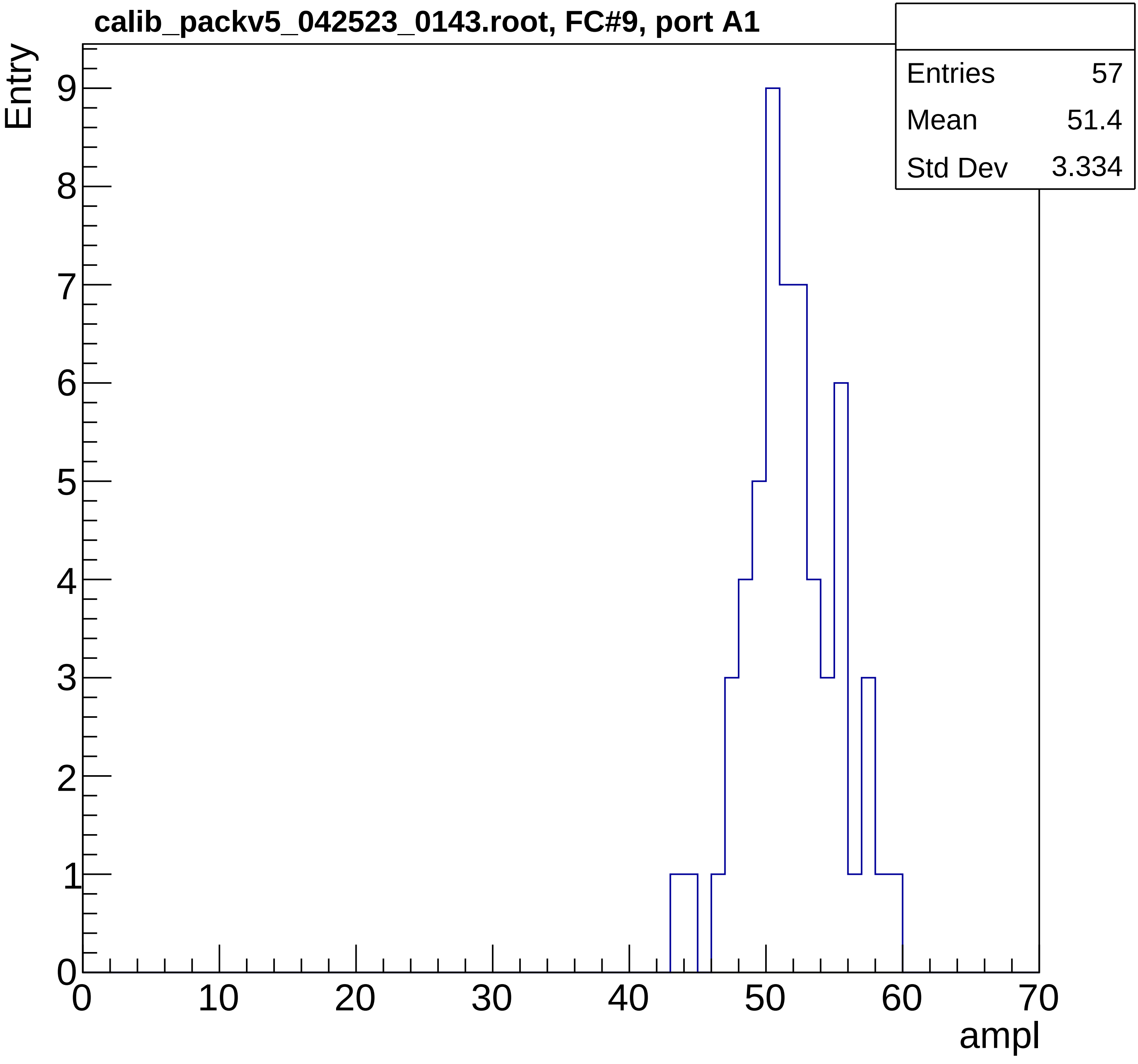

B0L001S, U21-ch96, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 30.06
Std Dev 3.716
Gaus mean : 30.4886
Gaus Width: 4.3812
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch96, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 36.47
Std Dev 3.155
Gaus mean : 38.4752
Gaus Width: 4.2097
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

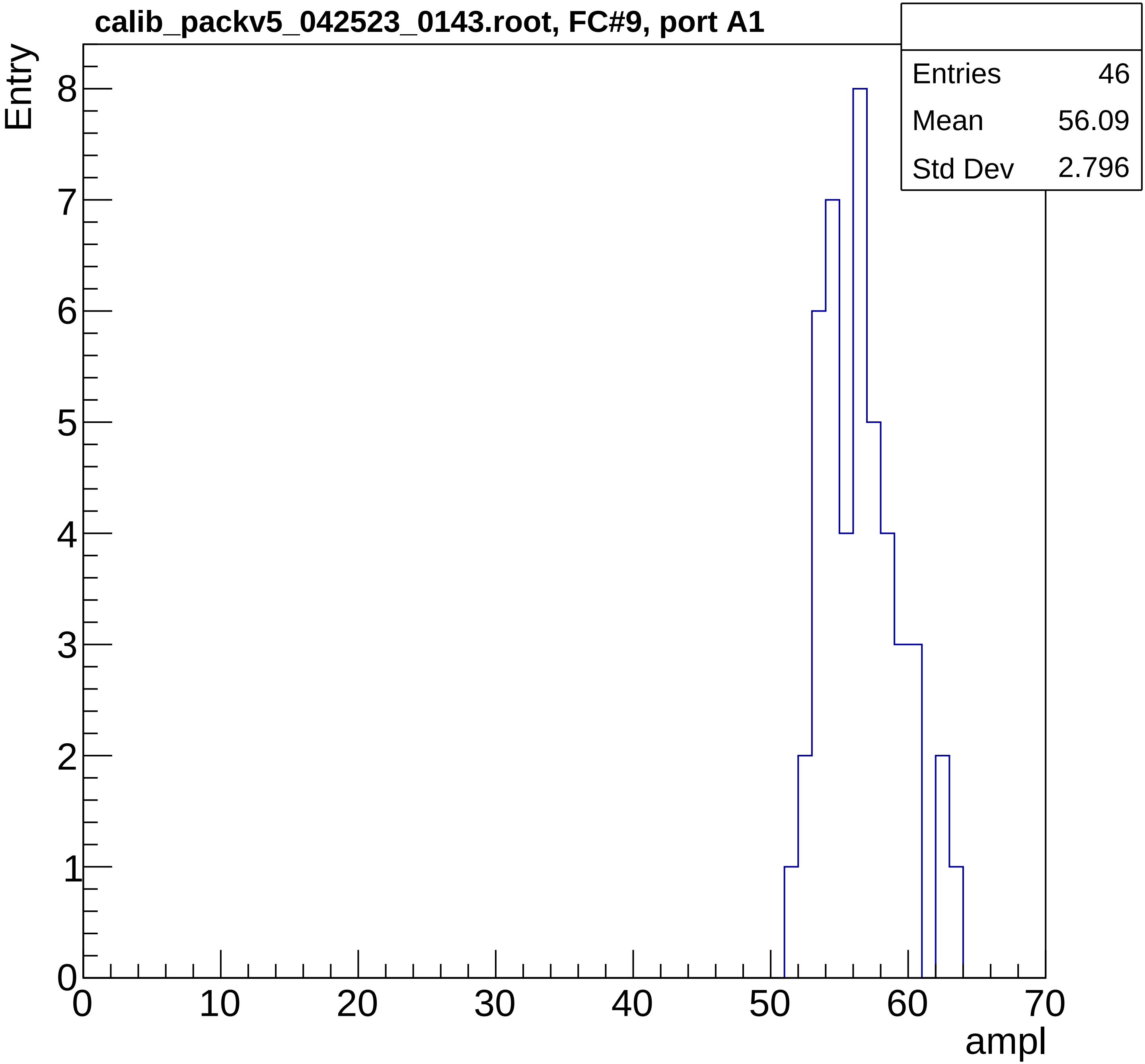

B0L001S, U21-ch96, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 44.56
Std Dev 3.135
Gaus mean : 44.9796
Gaus Width: 3.1192
Entry
10
8
6
4
2
0
0
10
20
30
40
50
60
70
ampl

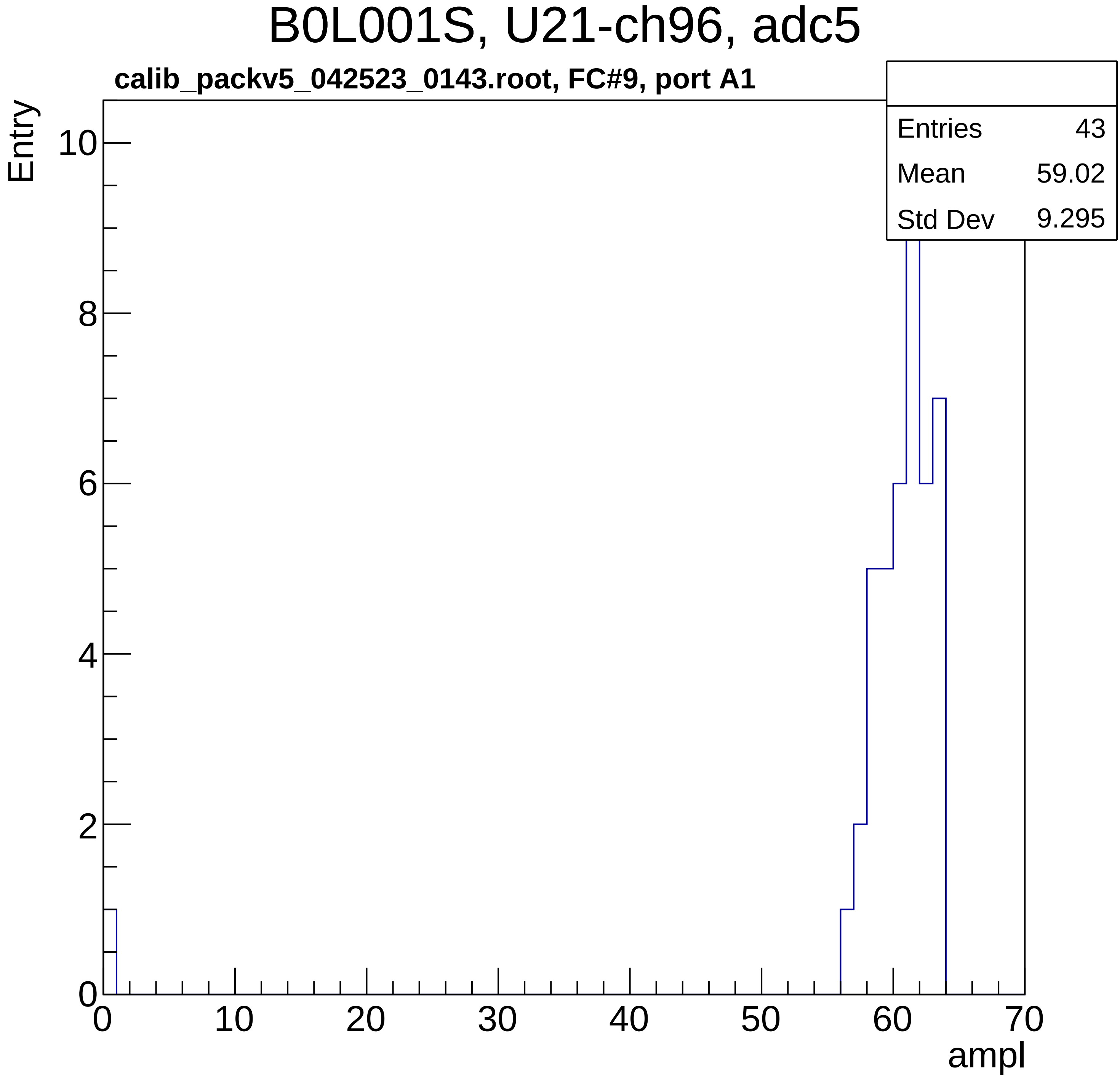
B0L001S, U21-ch96, adc3

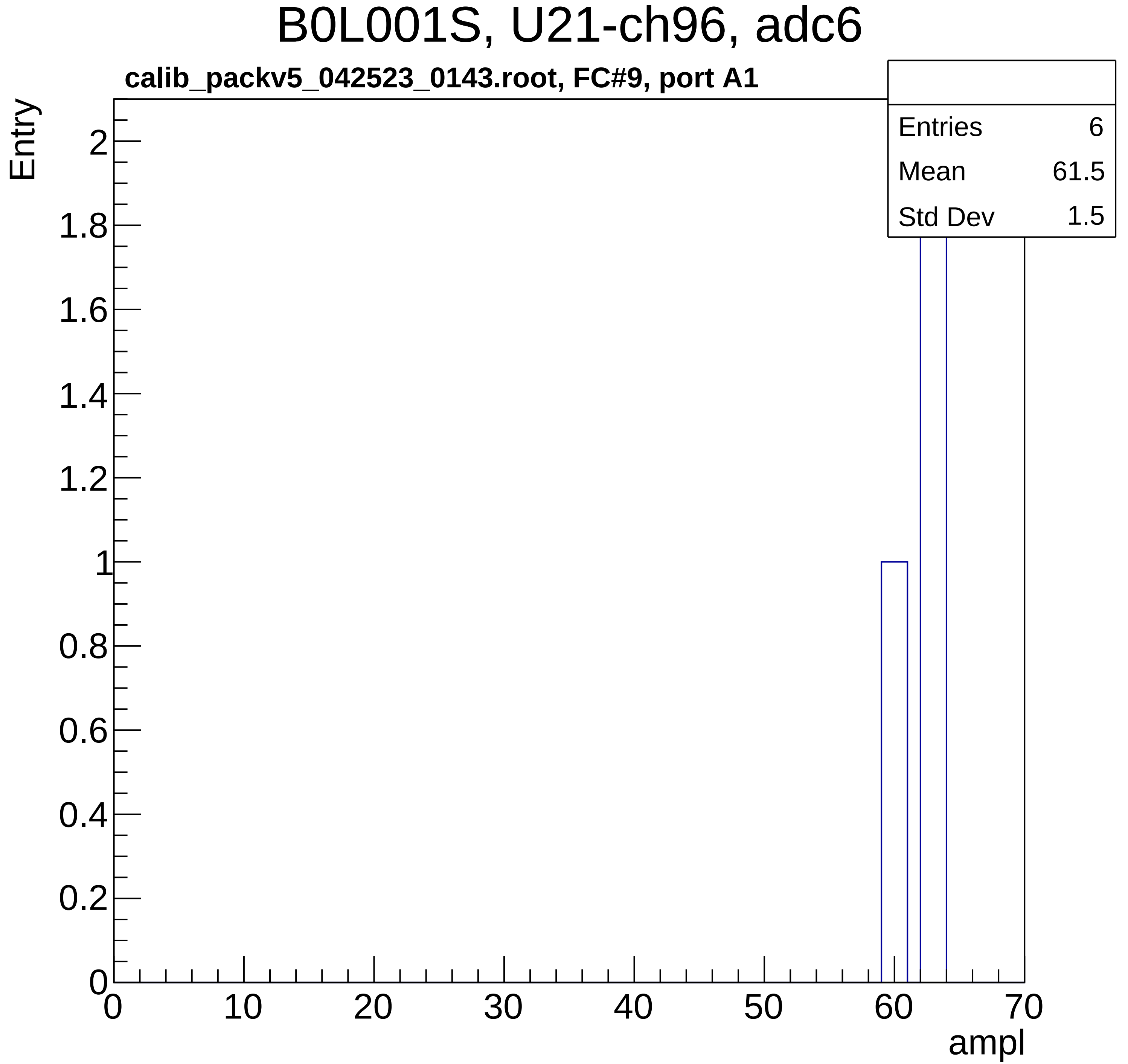
calib_packv5_042523_0143.root, FC#9, port A1



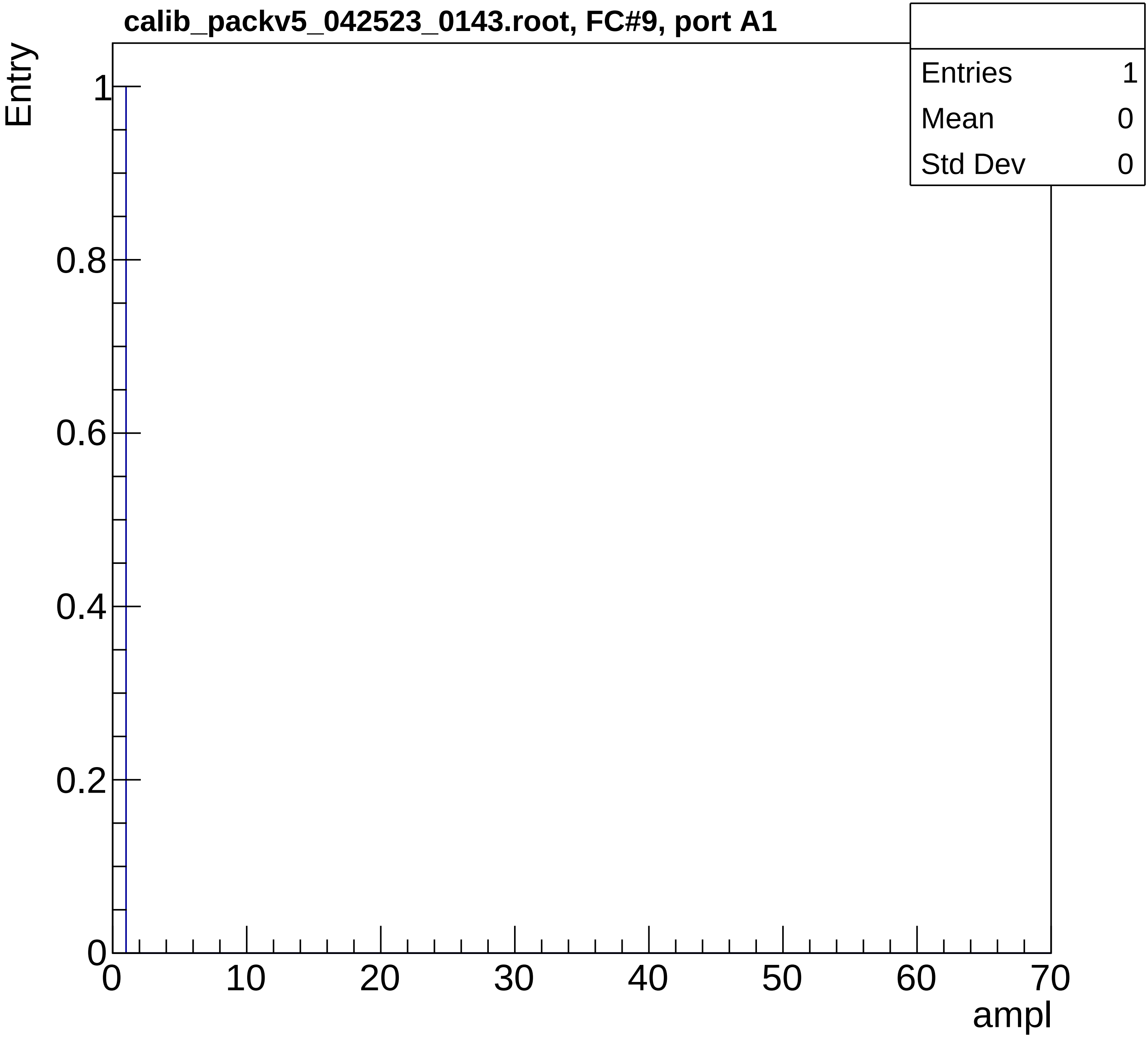
B0L001S, U21-ch96, adc4



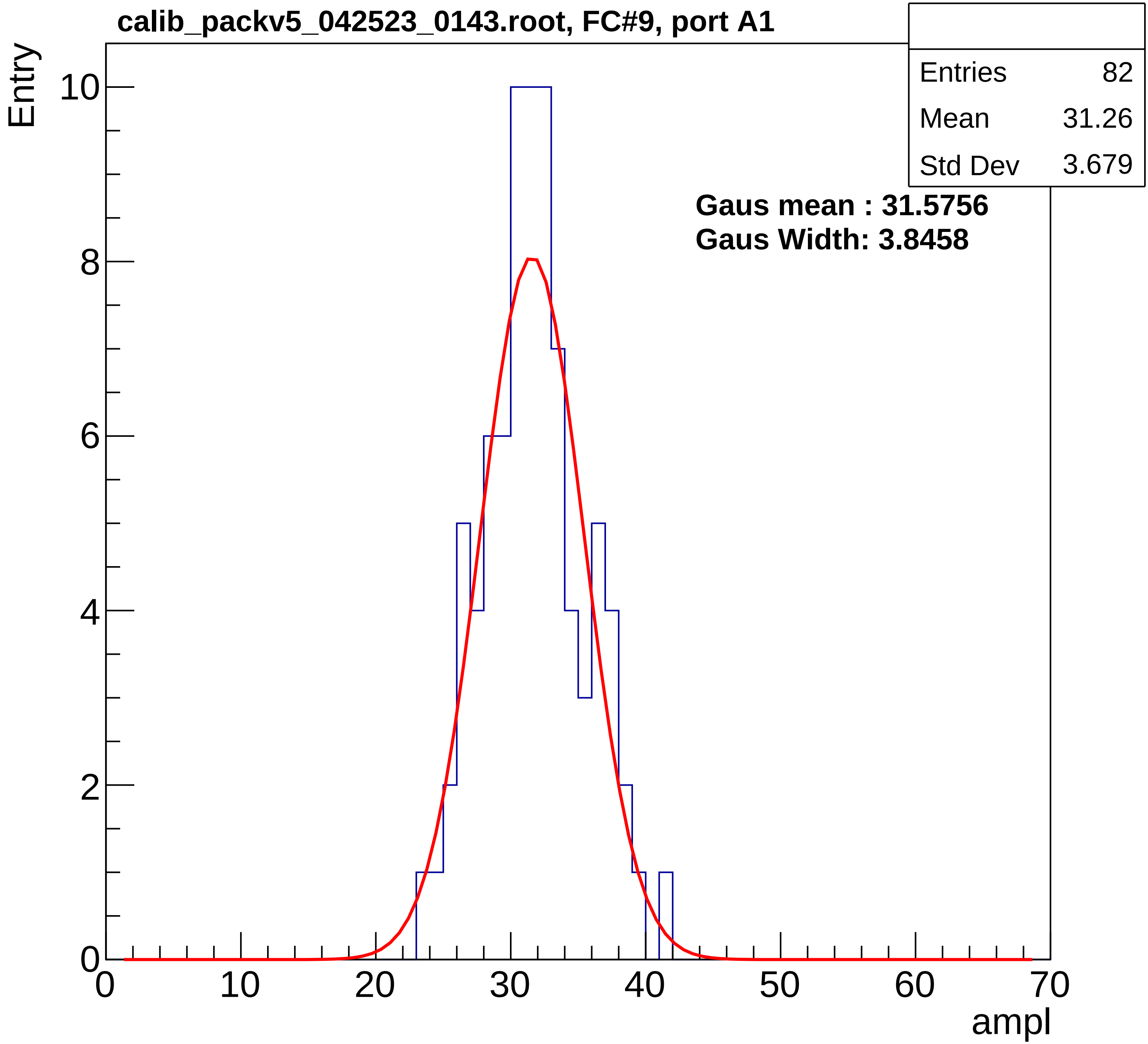

B0L001S, U21-ch96, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 59.02
Std Dev 9.295
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

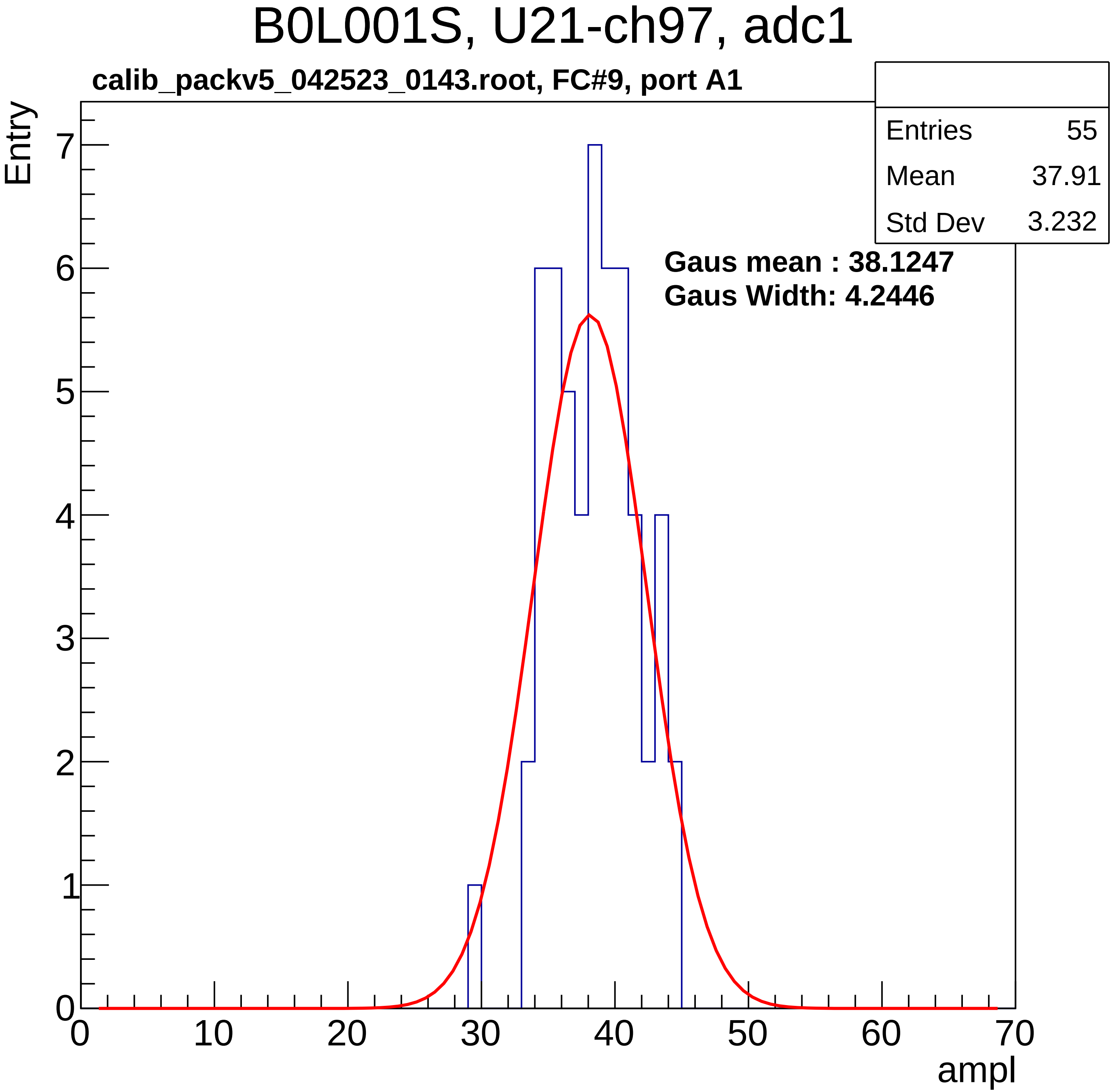

B0L001S, U21-ch96, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 6
Mean 61.5
Std Dev 1.5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

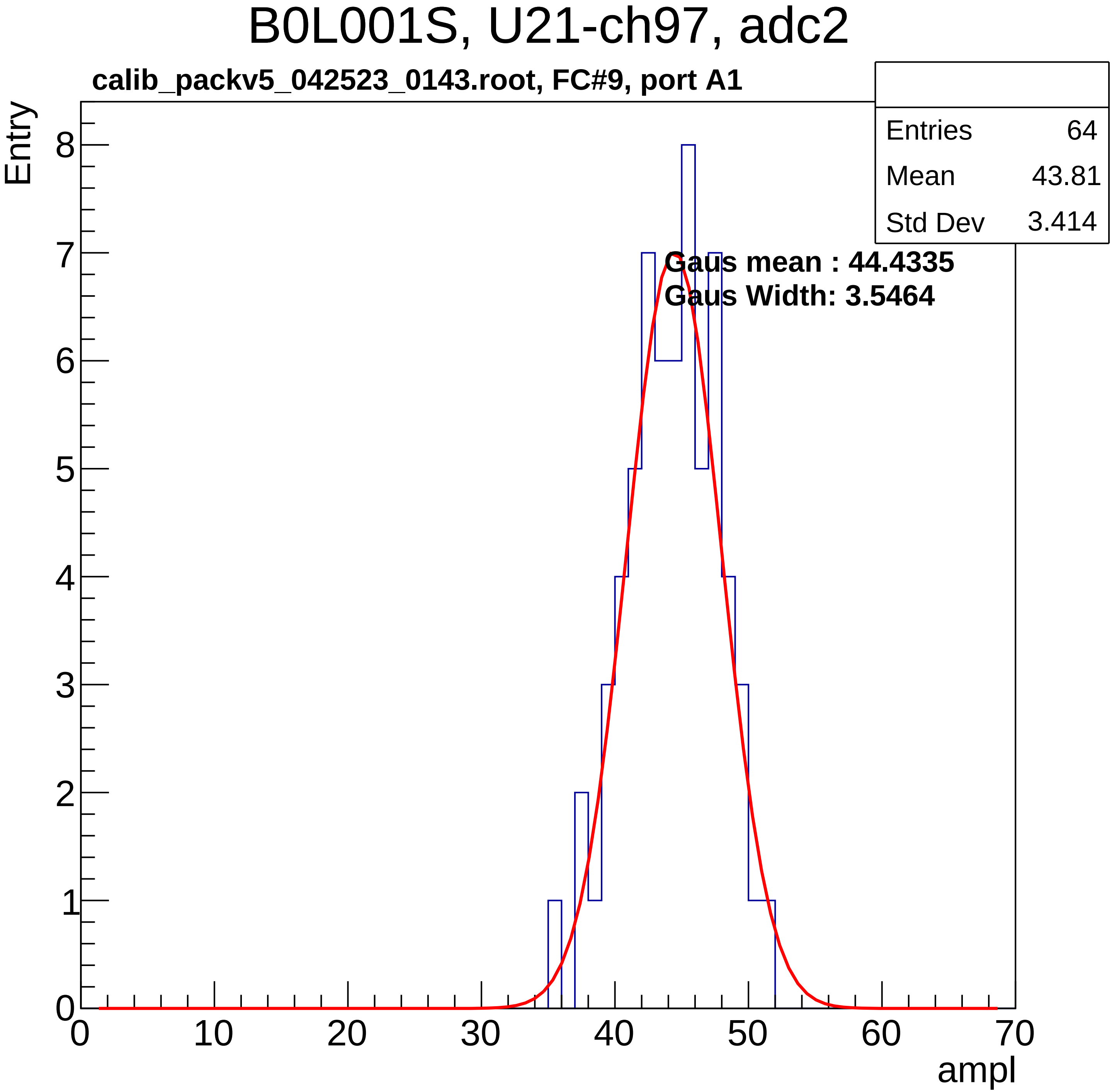
B0L001S, U21-ch96, adc7



B0L001S, U21-ch97, adc0

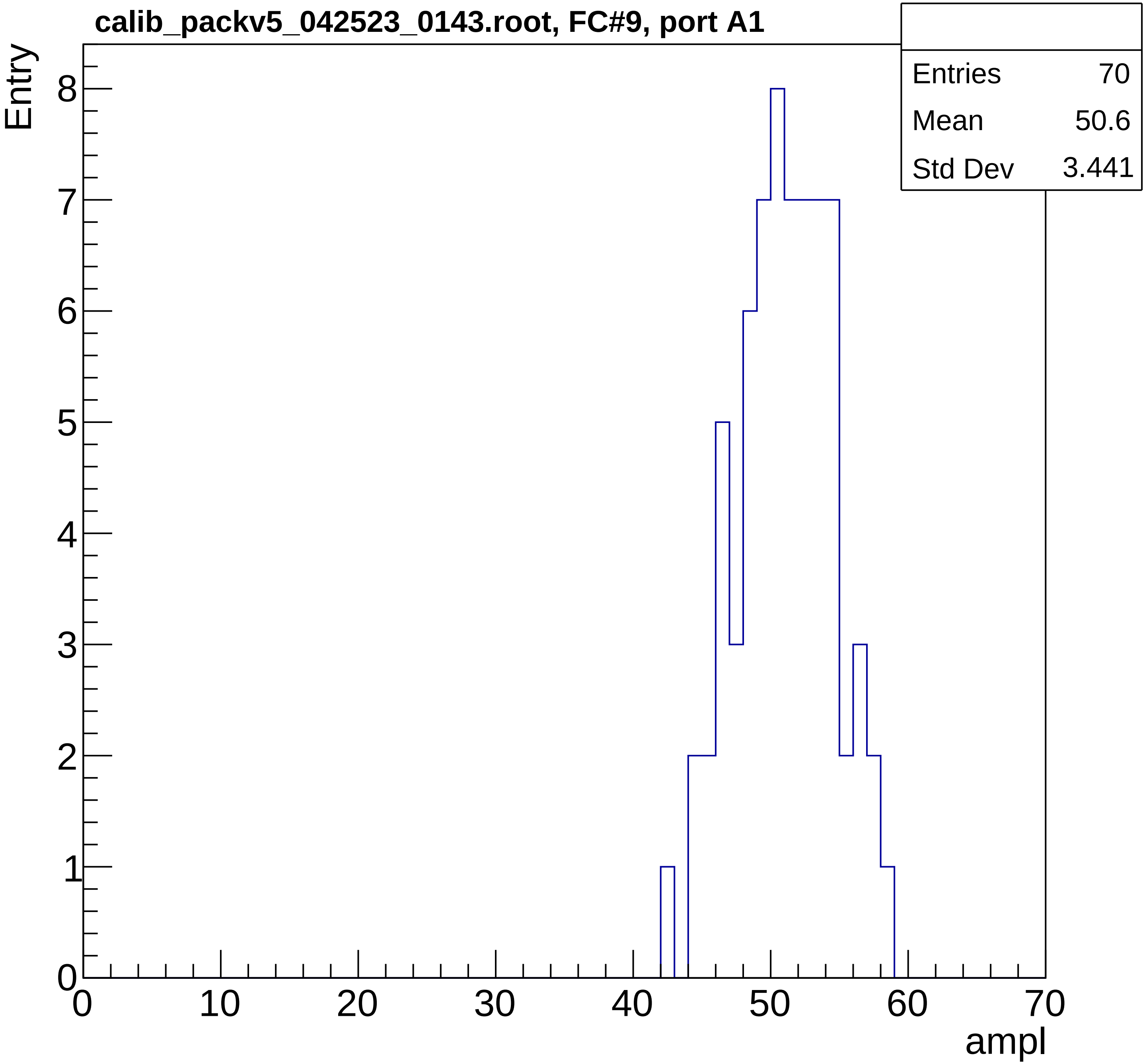


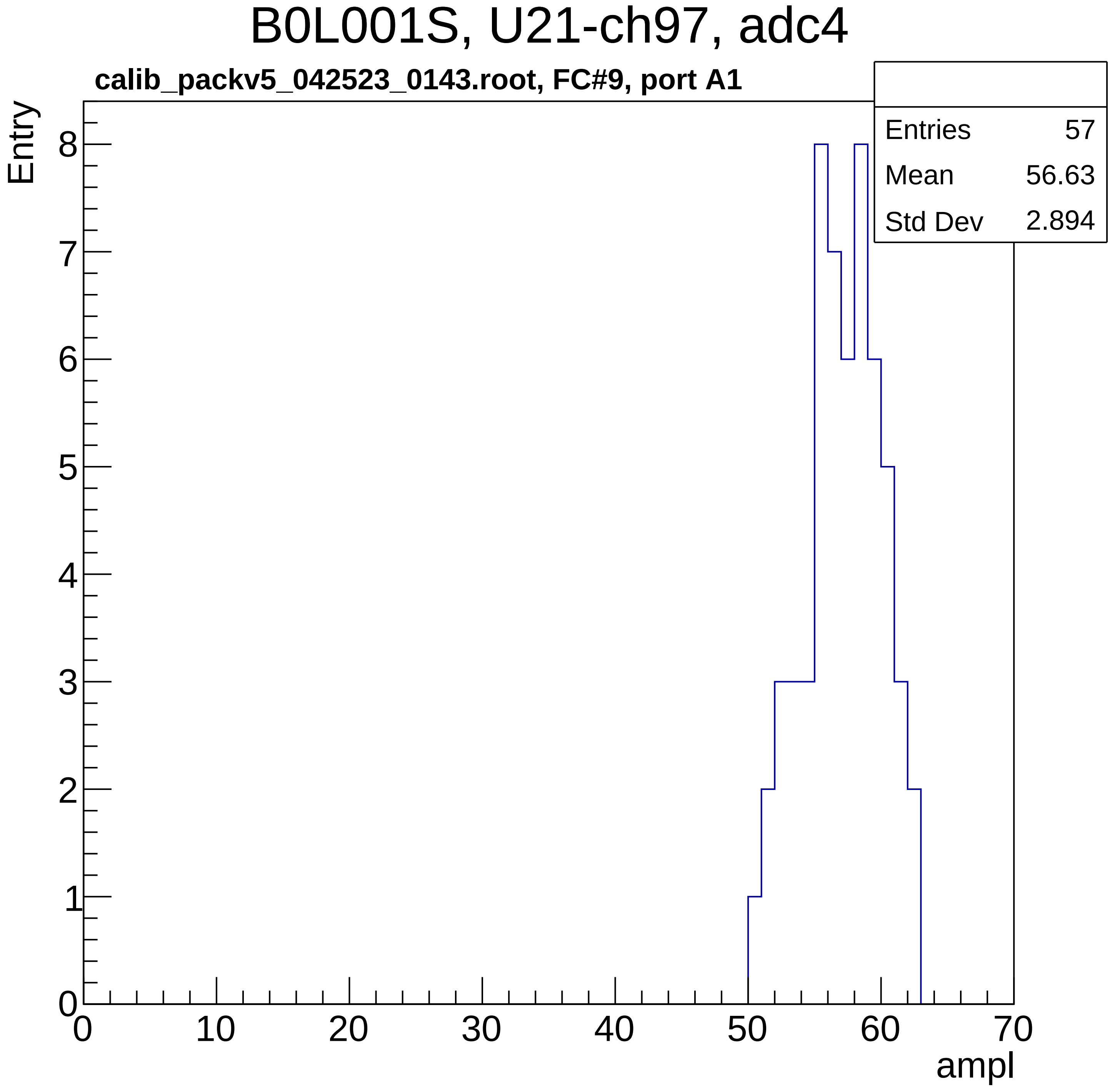

B0L001S, U21-ch97, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 37.91
Std Dev 3.232
Gaus mean : 38.1247
Gaus Width: 4.2446
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch97, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 43.81
Std Dev 3.414
Gaus mean : 44.4335
Gaus Width: 3.5464
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

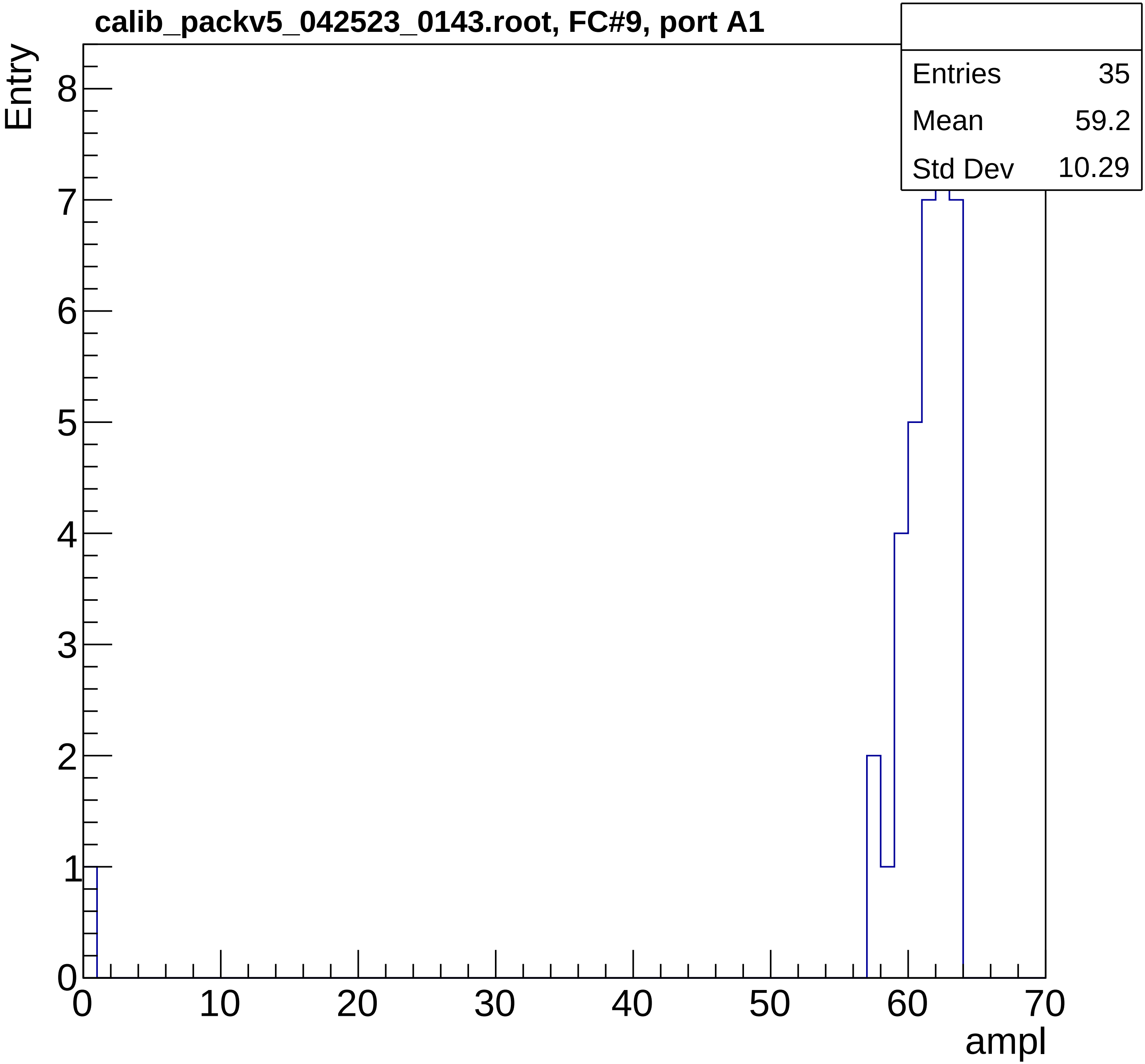
B0L001S, U21-ch97, adc3

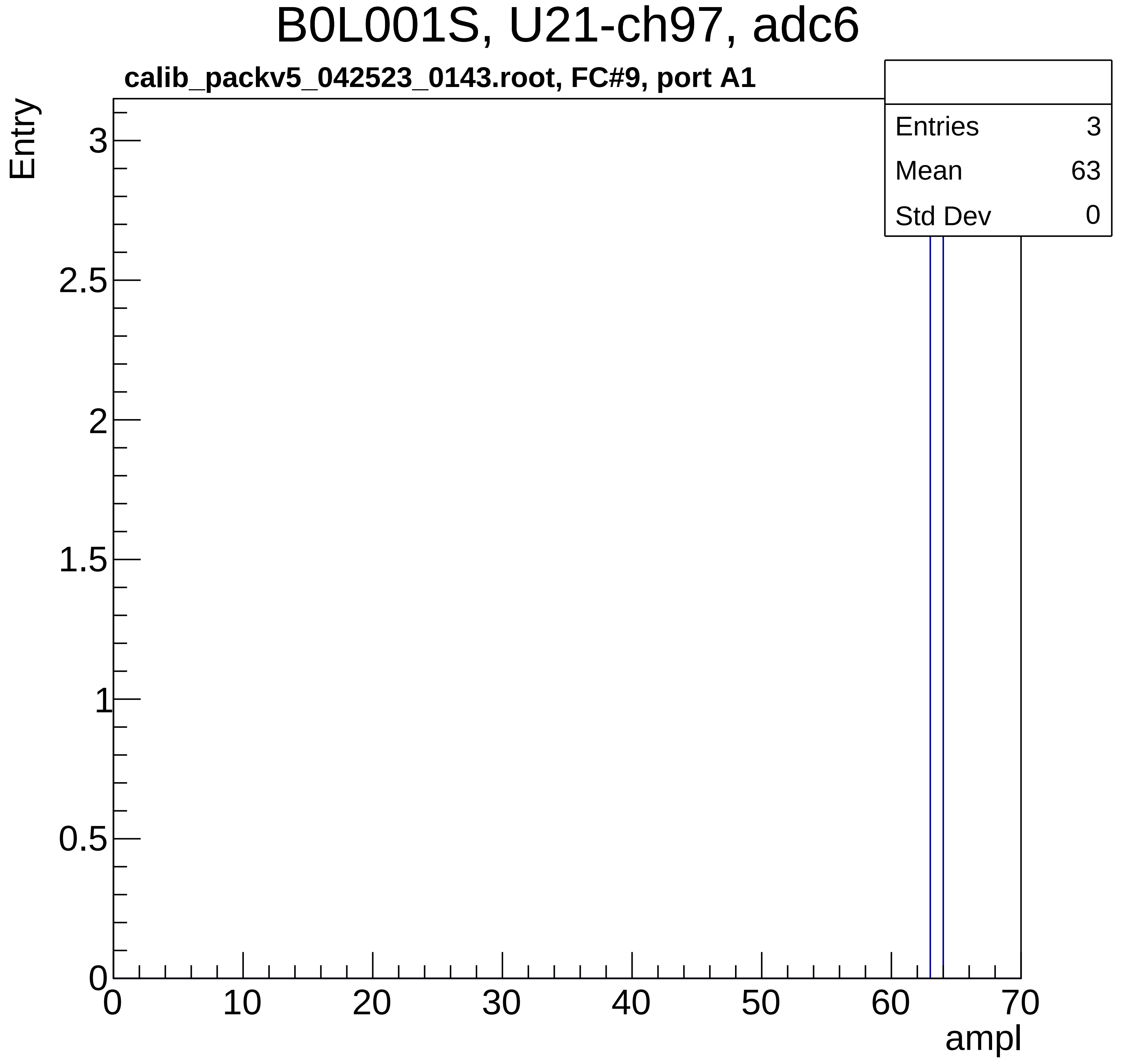
calib_packv5_042523_0143.root, FC#9, port A1




B0L001S, U21-ch97, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.63
Std Dev 2.894
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

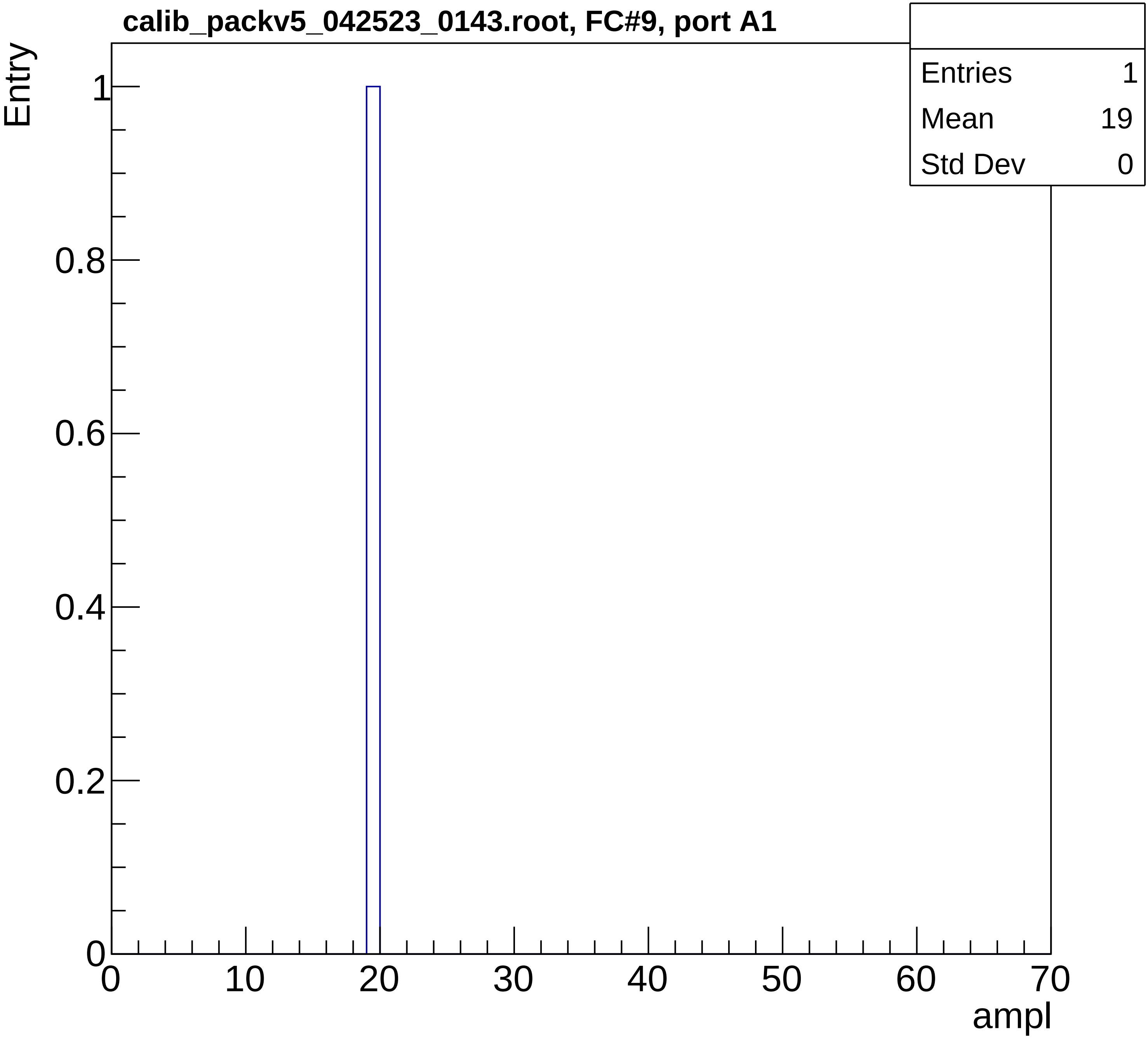
B0L001S, U21-ch97, adc5

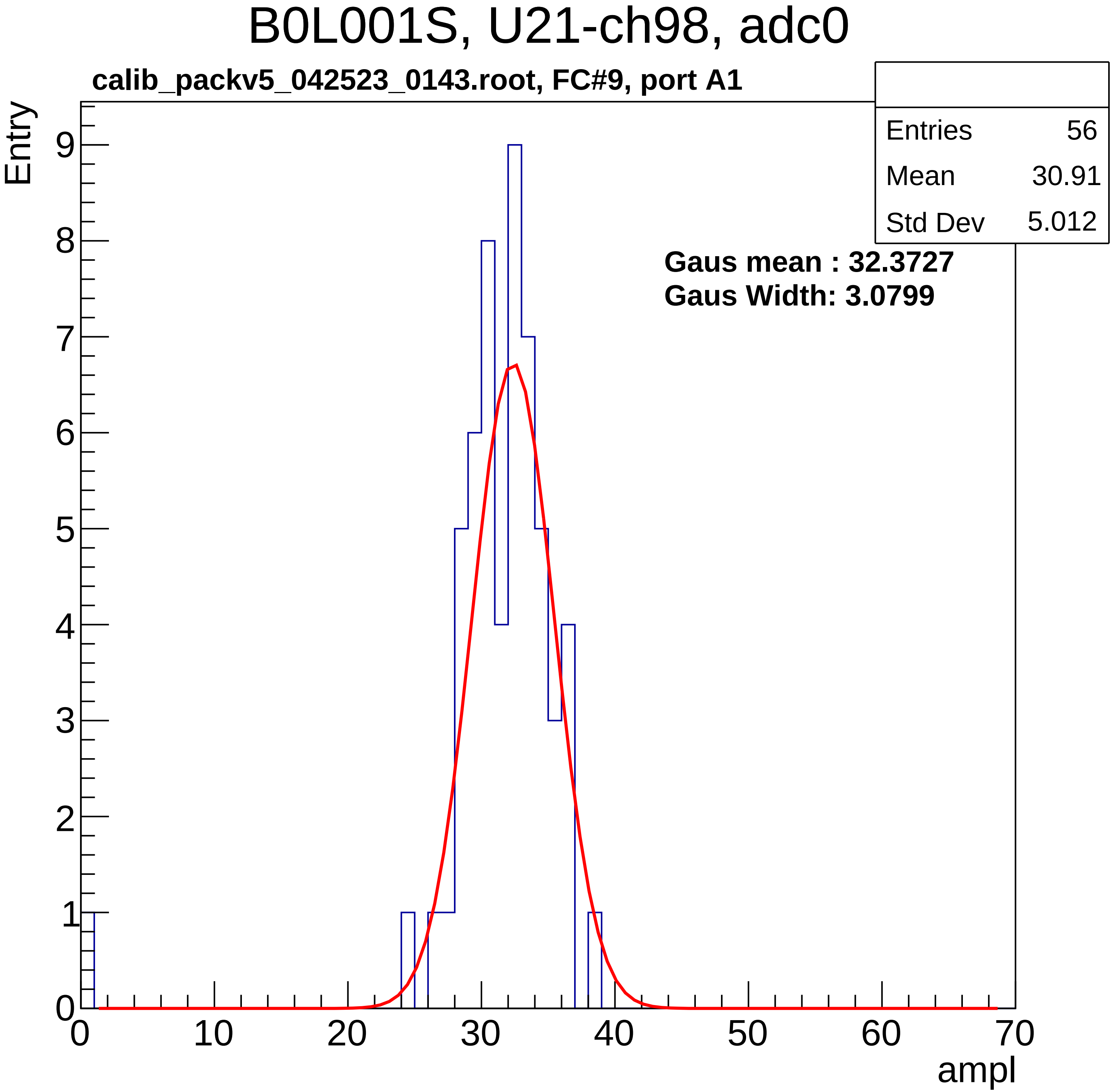


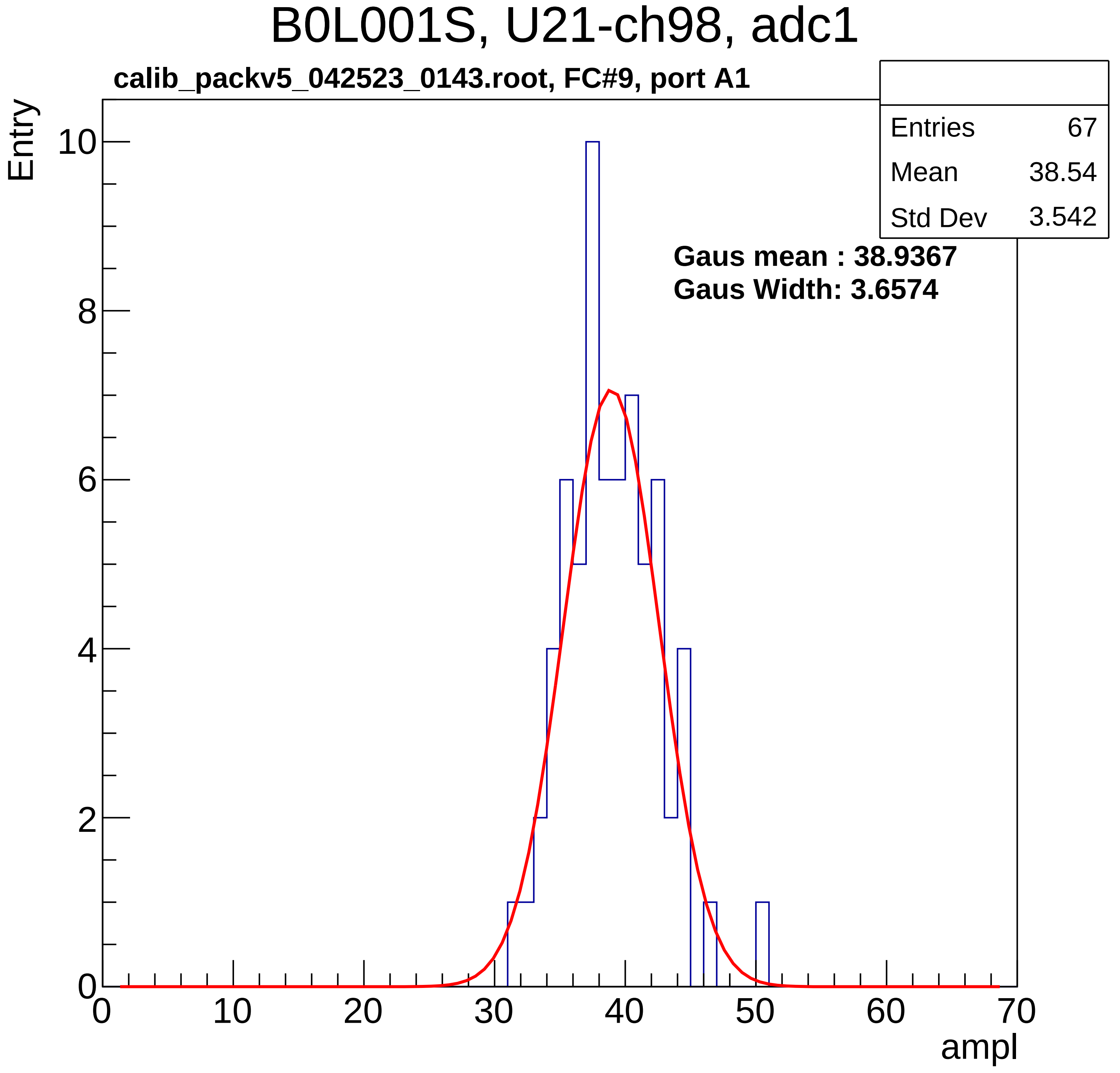

B0L001S, U21-ch97, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

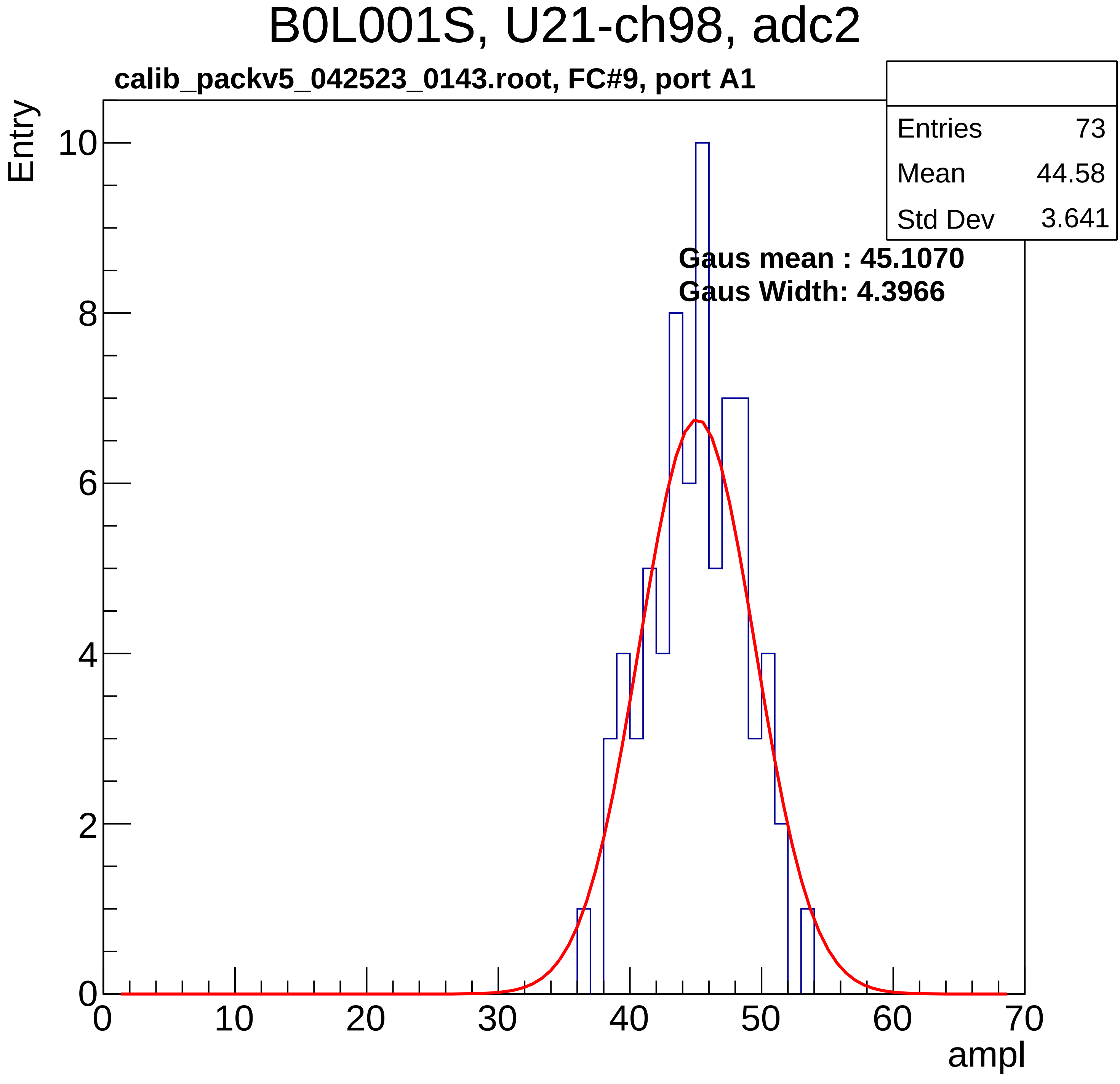
B0L001S, U21-ch97, adc7

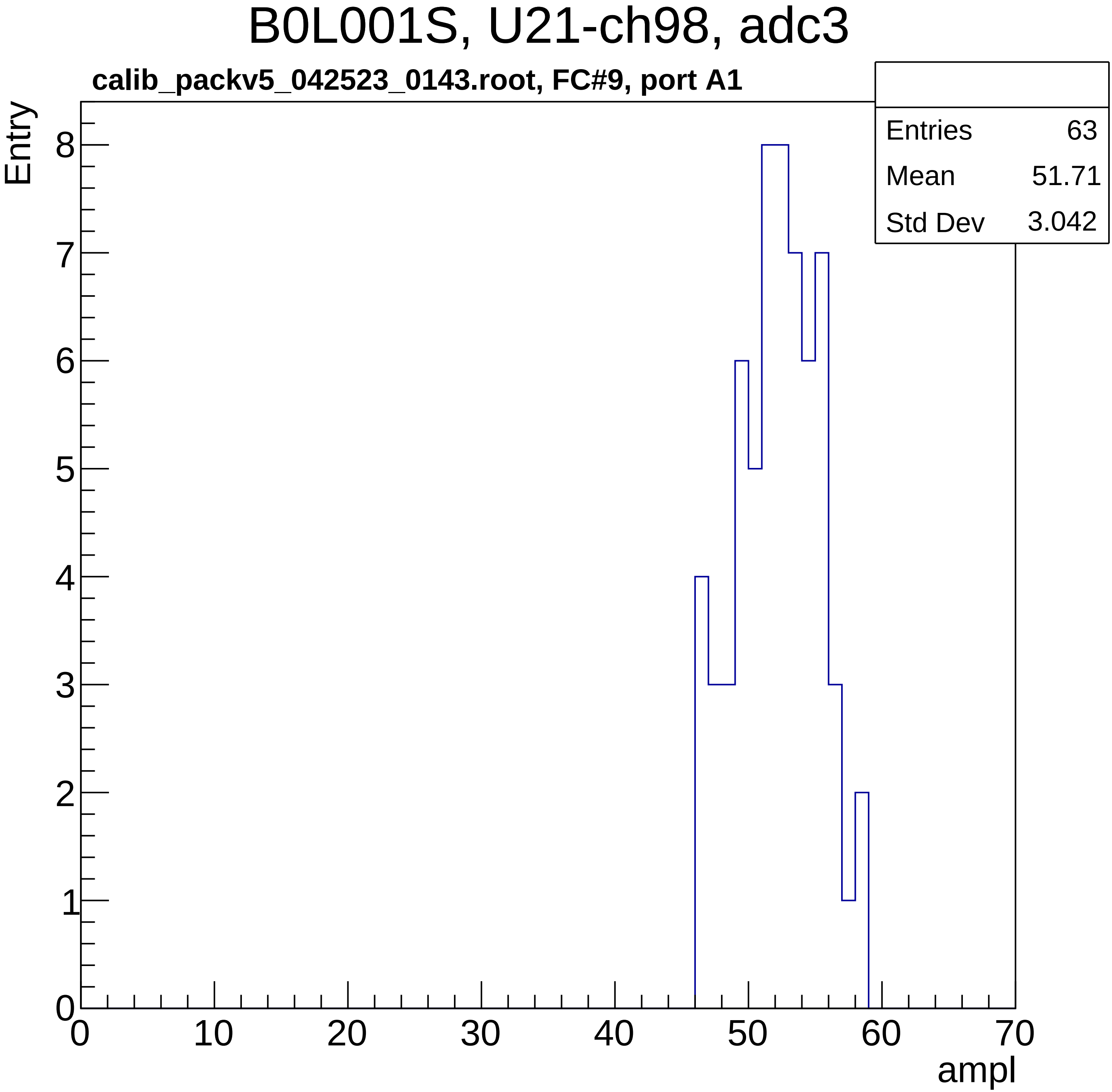
calib_packv5_042523_0143.root, FC#9, port A1

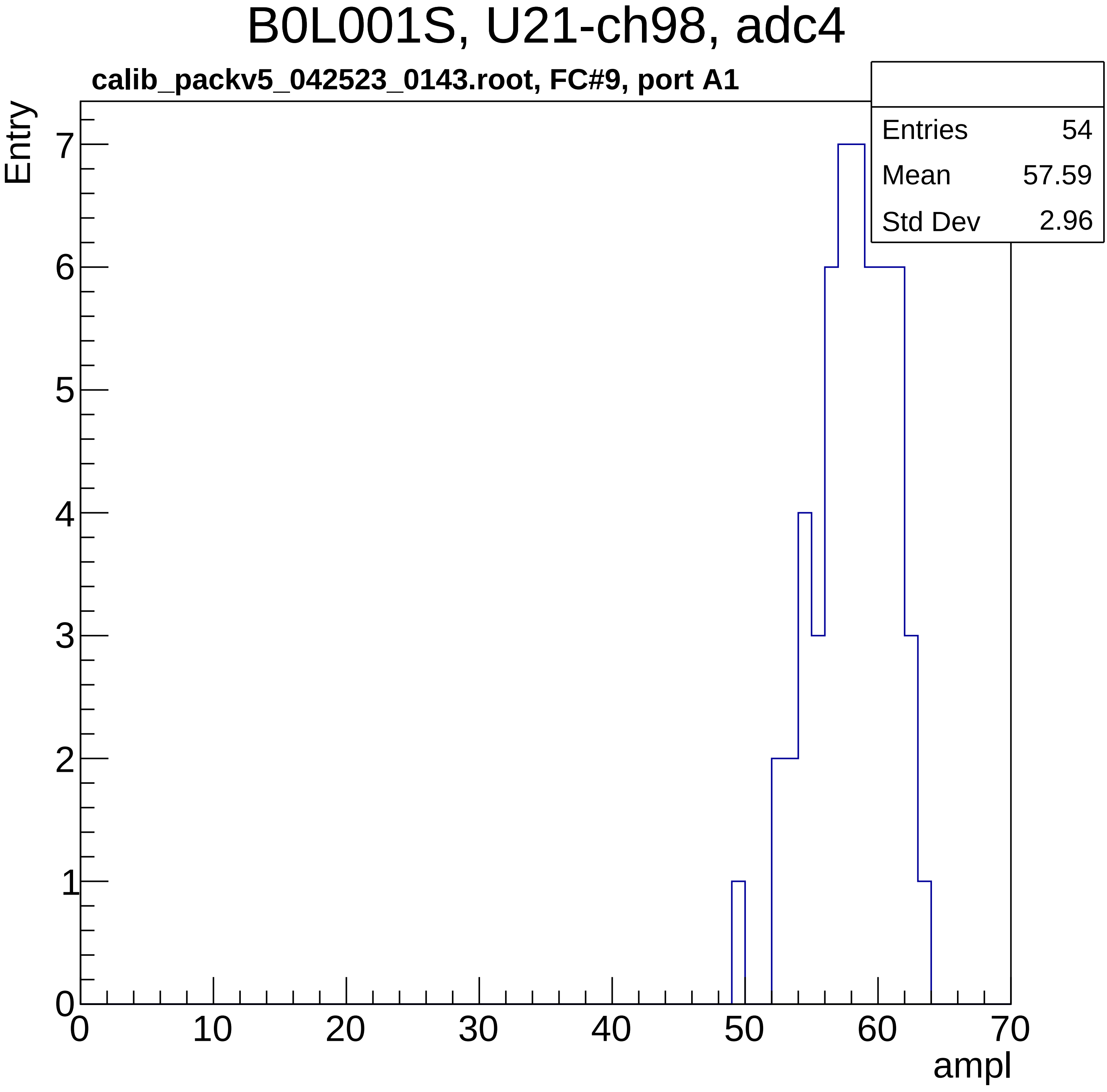


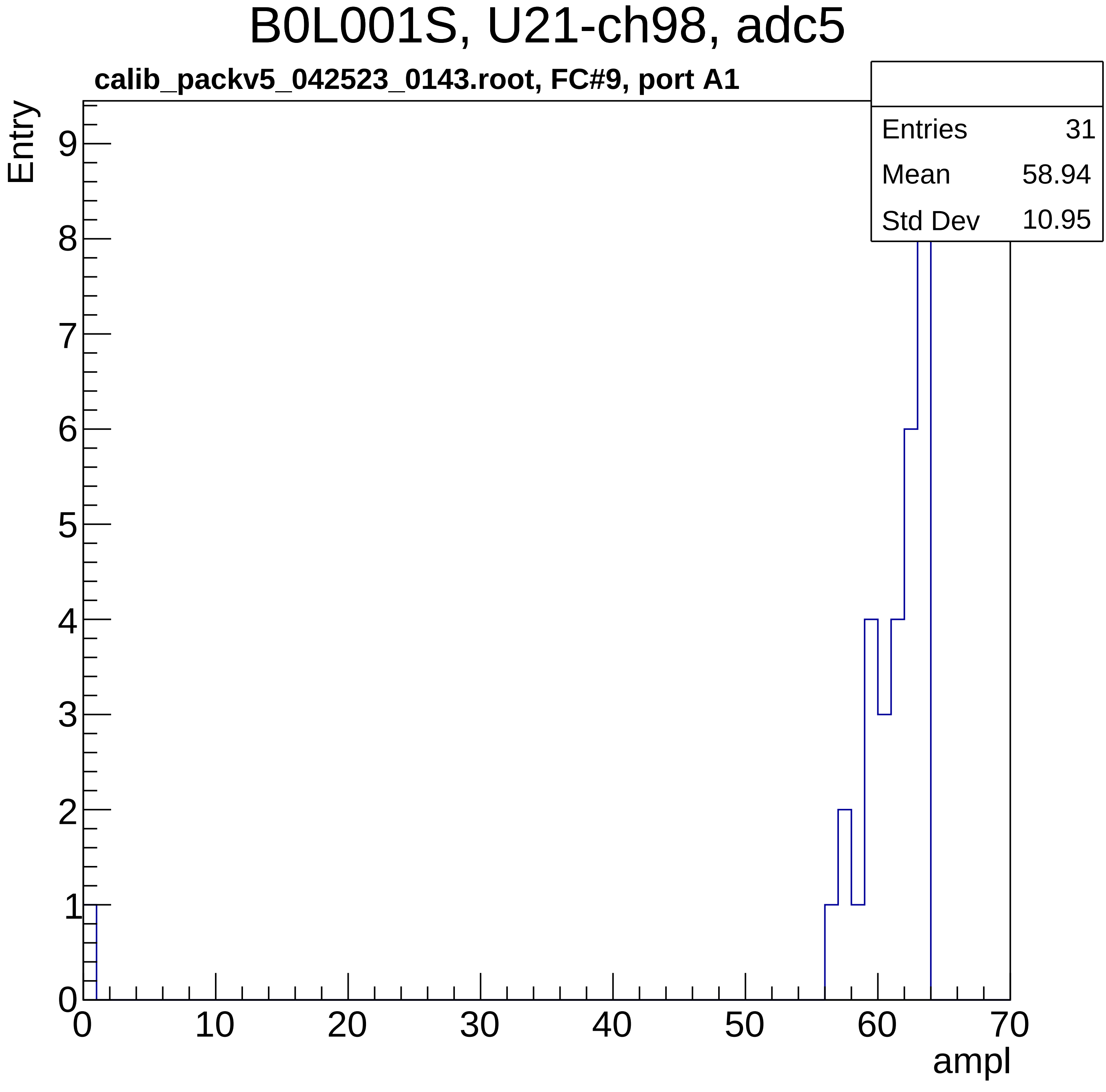

B0L001S, U21-ch98, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 30.91
Std Dev 5.012
Gaus mean : 32.3727
Gaus Width: 3.0799
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch98, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 38.54
Std Dev 3.542
Gaus mean : 38.9367
Gaus Width: 3.6574
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch98, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 44.58
Std Dev 3.641
Gaus mean : 45.1070
Gaus Width: 4.3966
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

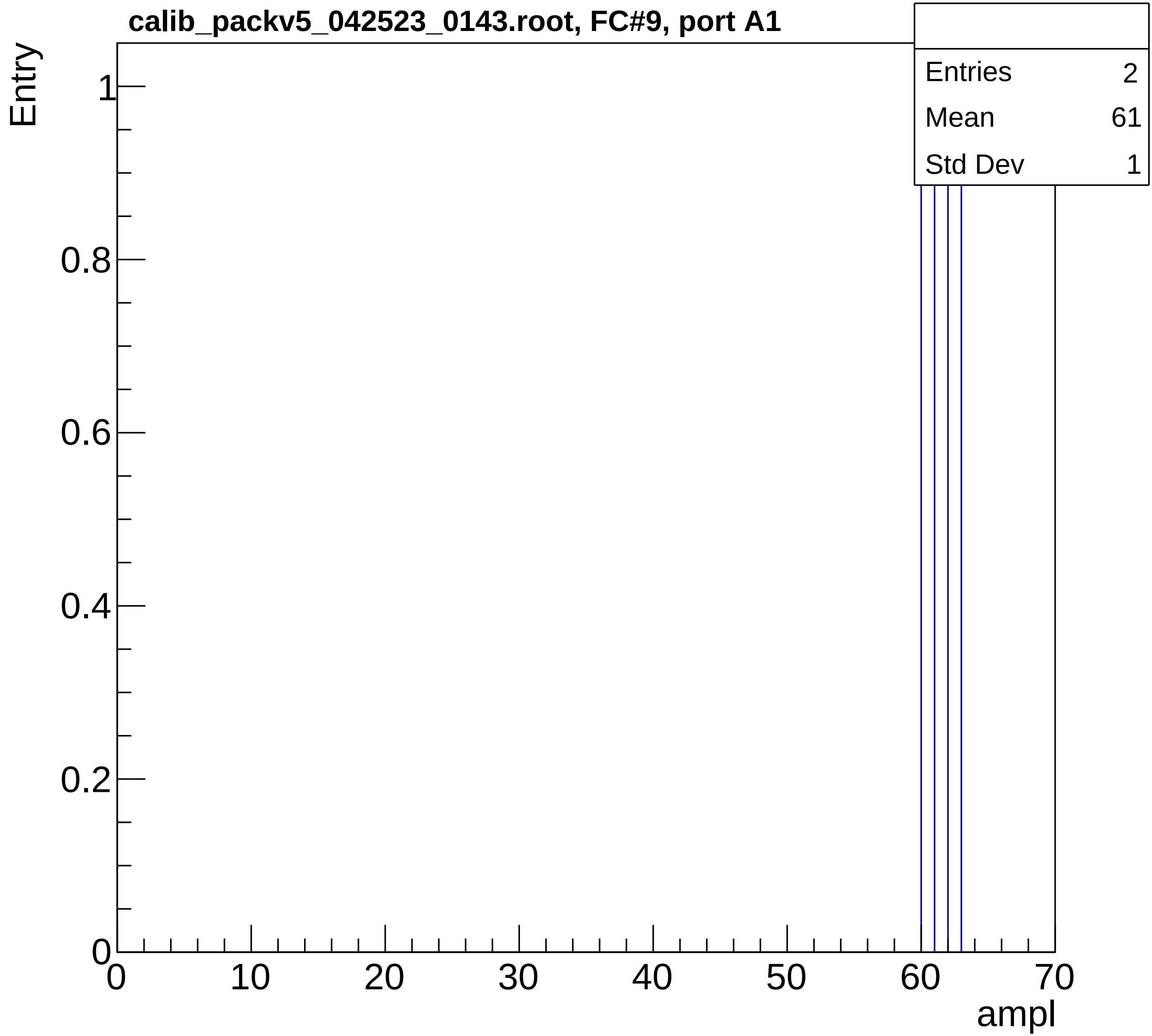

B0L001S, U21-ch98, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 51.71
Std Dev 3.042
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch98, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 57.59
Std Dev 2.96
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

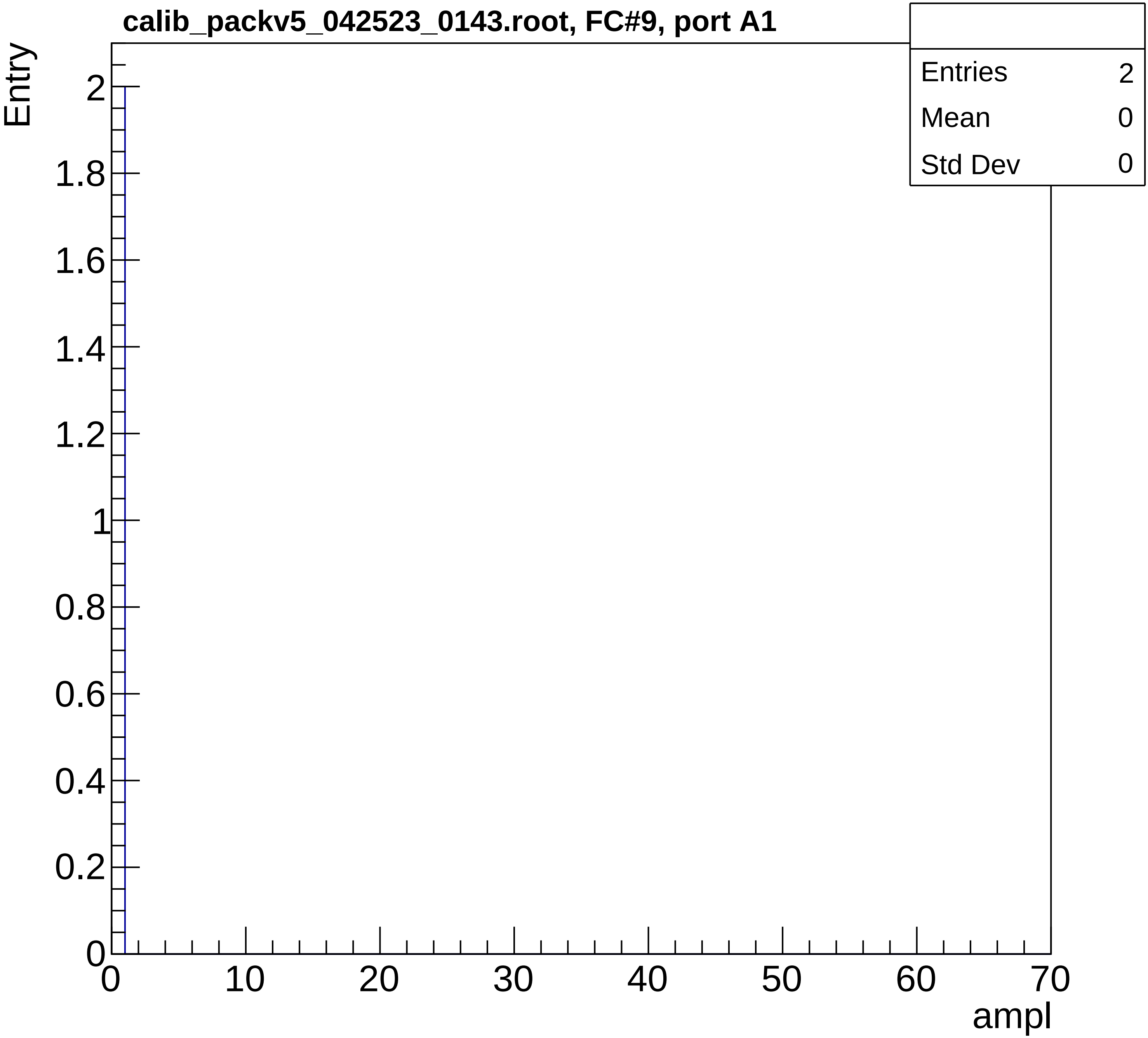

B0L001S, U21-ch98, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 58.94
Std Dev 10.95
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

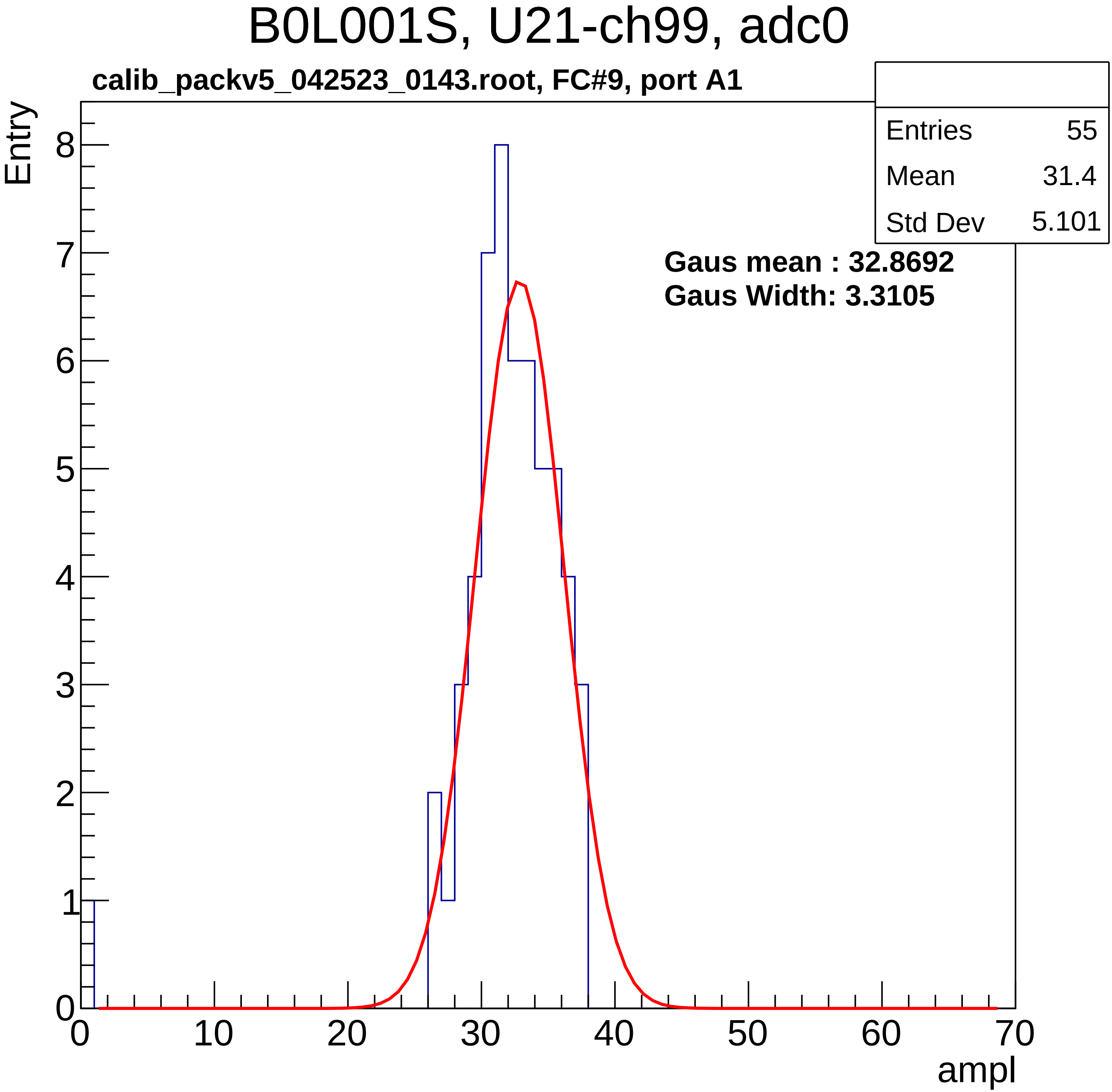
B0L001S, U21-ch98, adc6

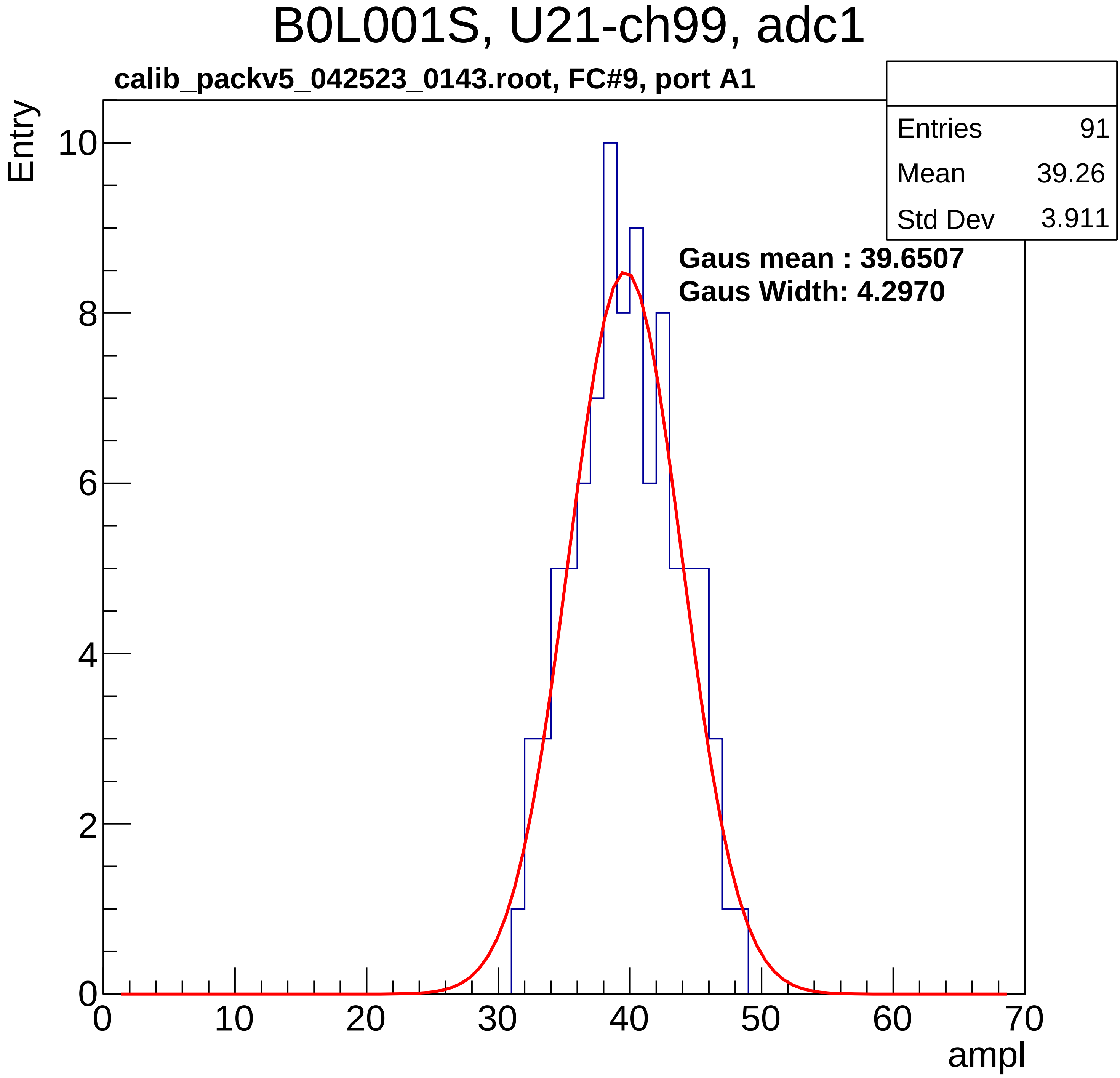
calib_packv5_042523_0143.root, FC#9, port A1

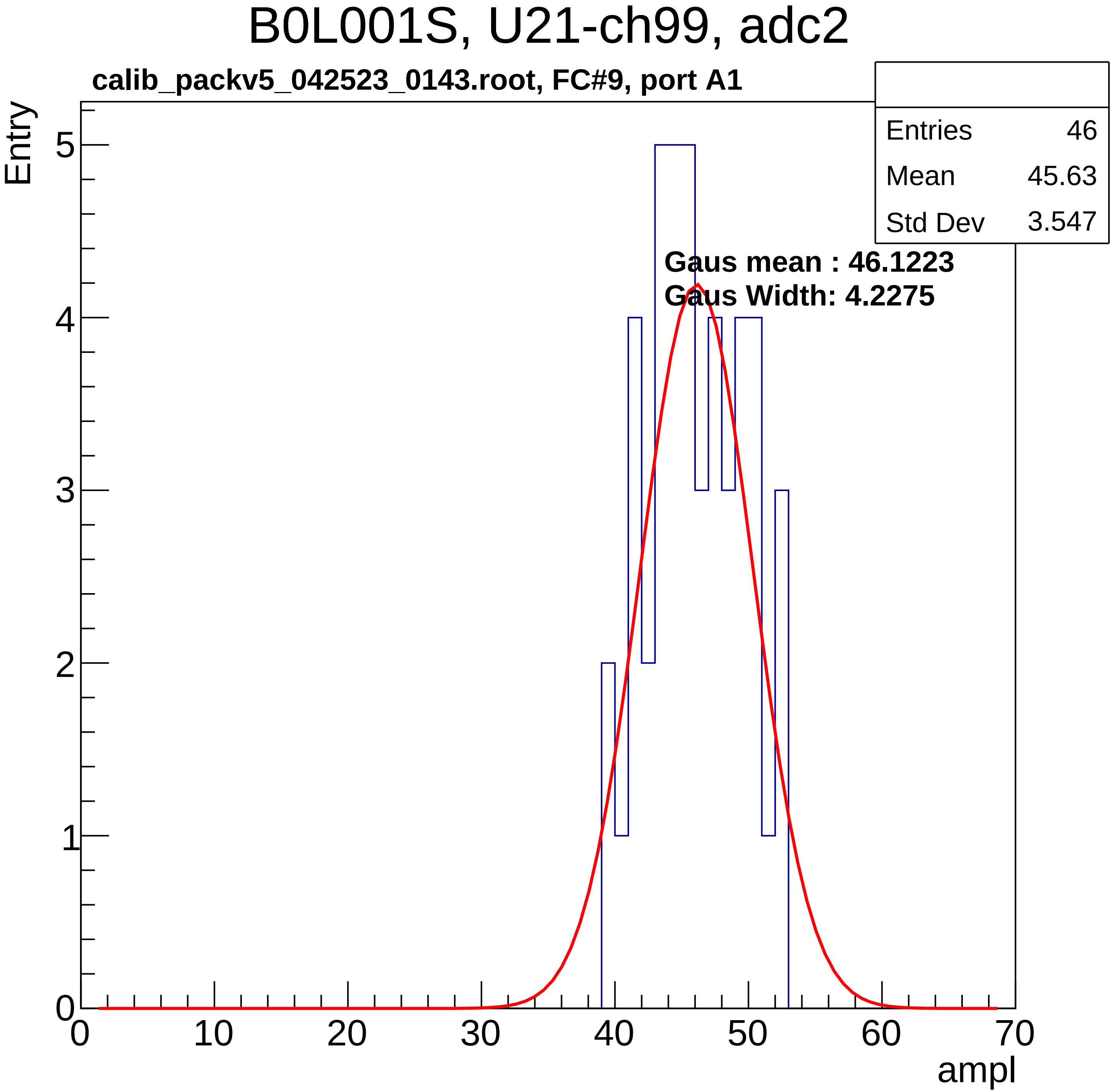


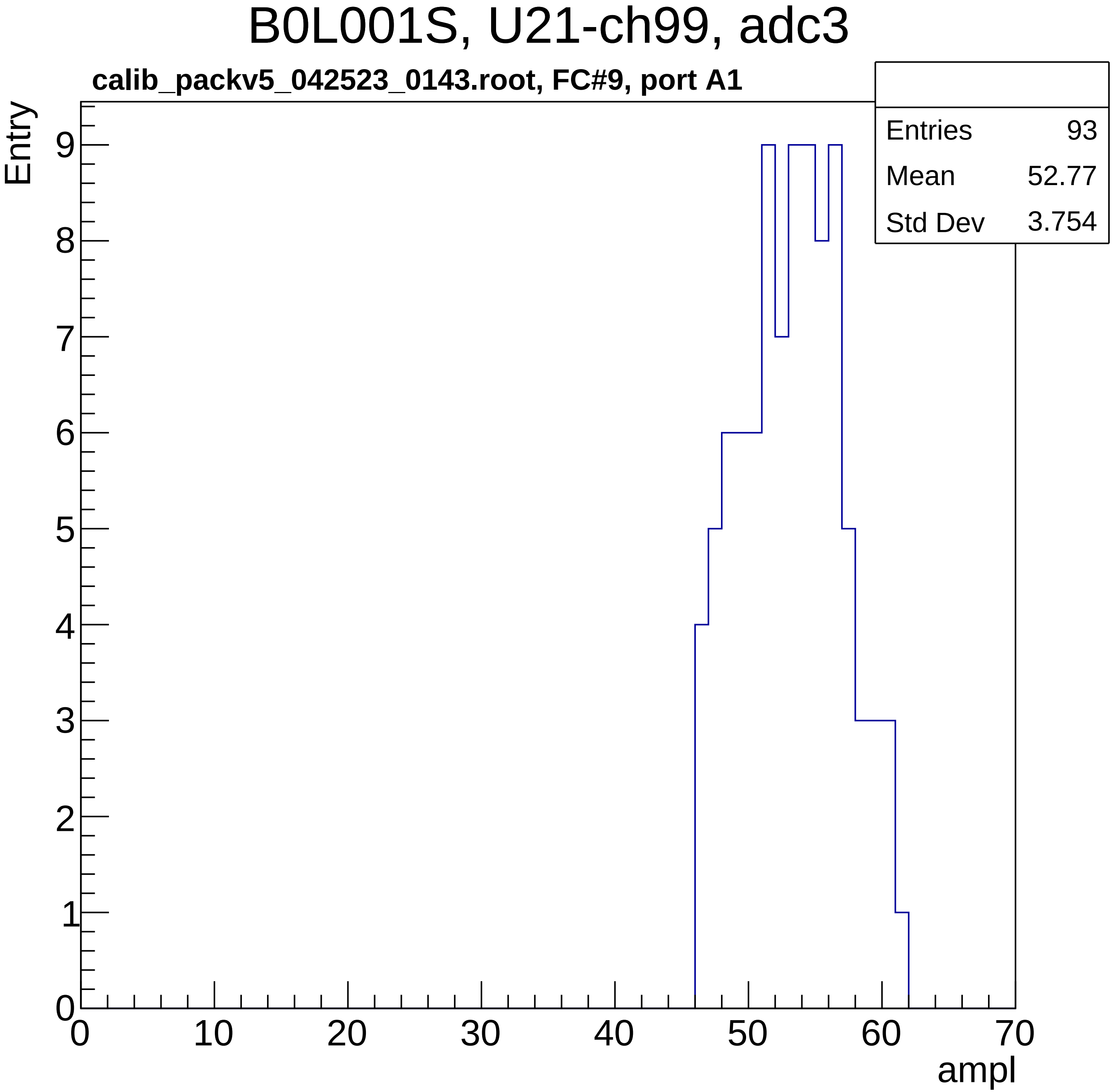
B0L001S, U21-ch98, adc7

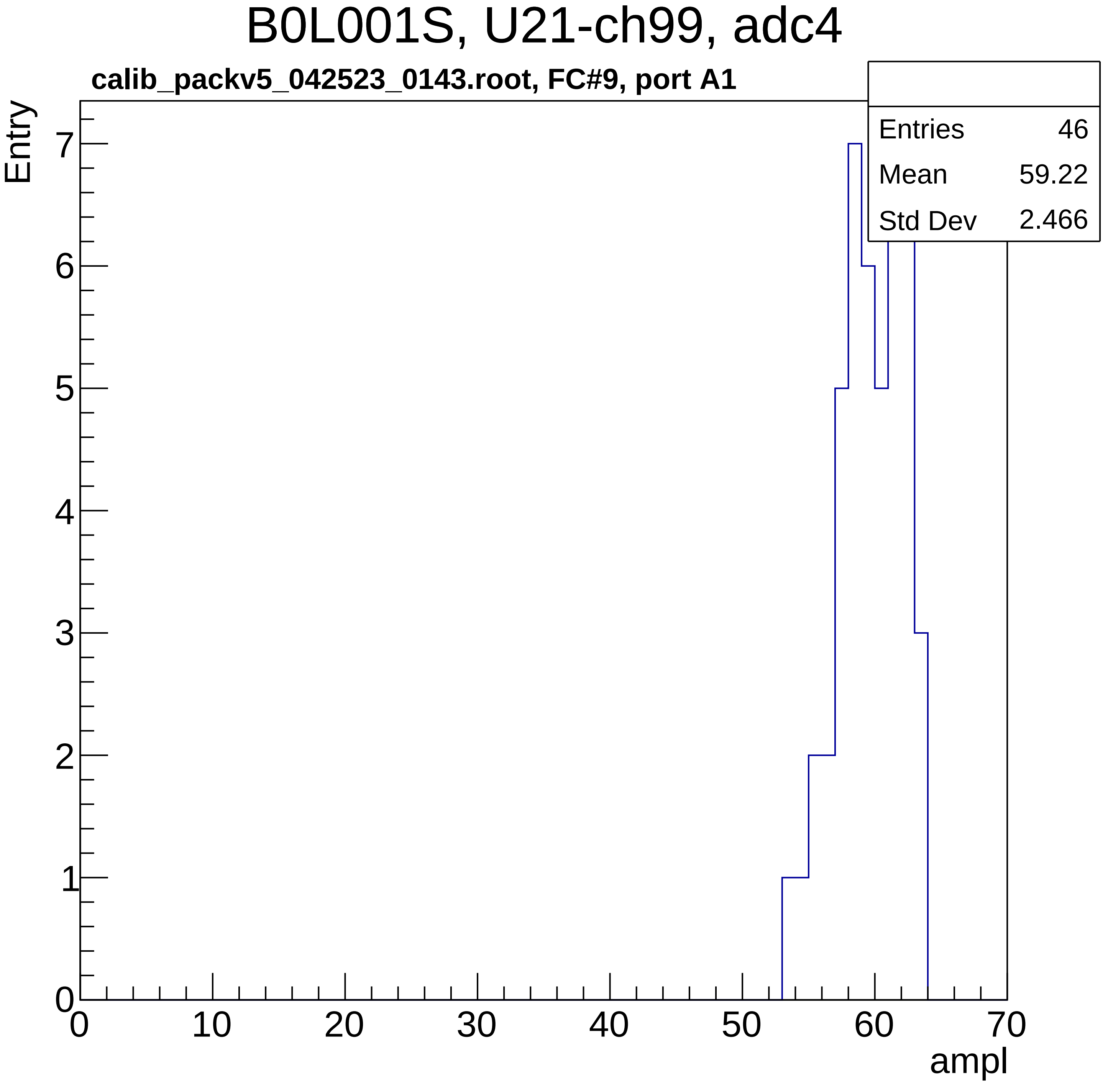



B0L001S, U21-ch99, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 31.4
Std Dev 5.101
Gaus mean : 32.8692
Gaus Width: 3.3105
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

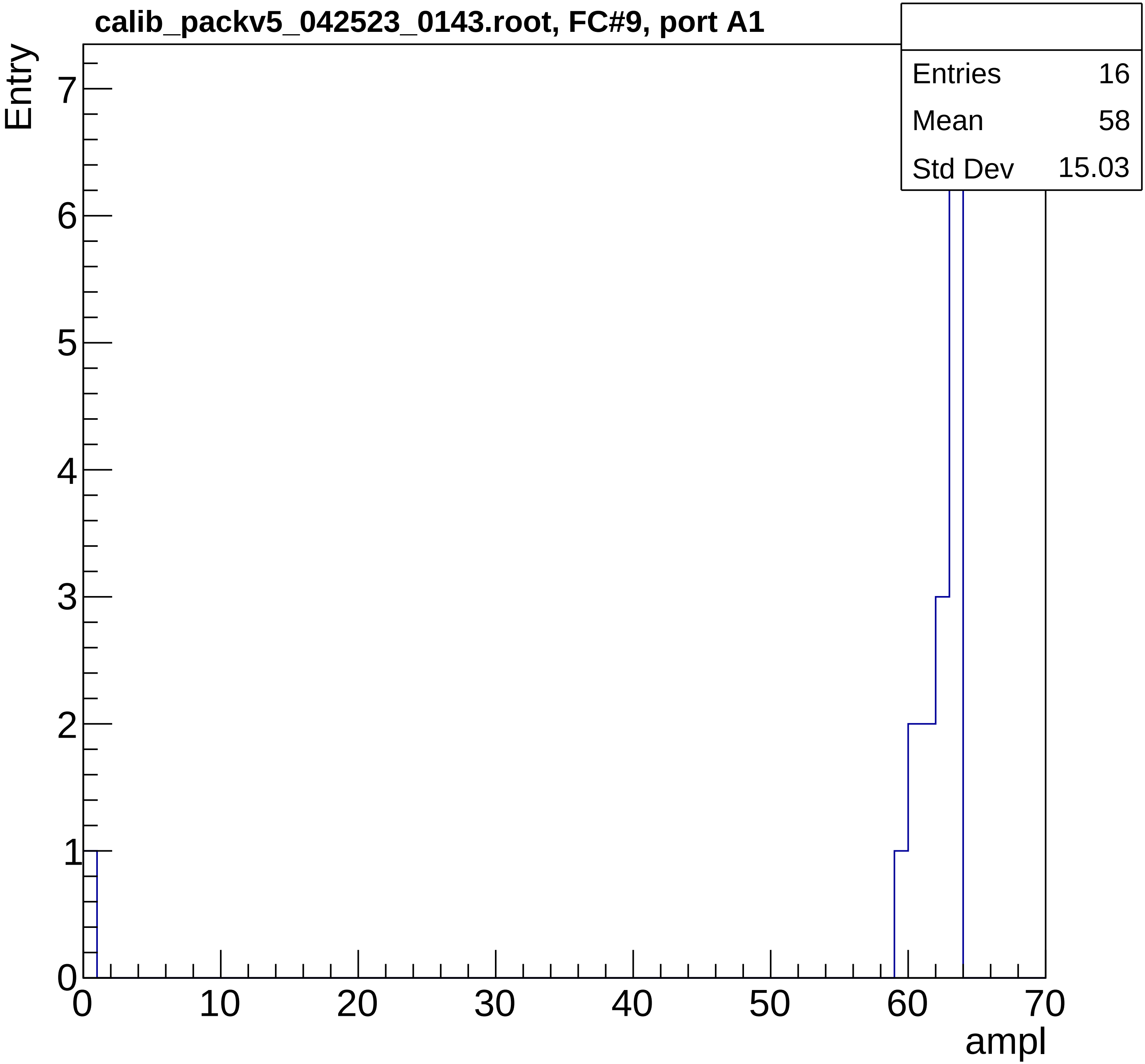

B0L001S, U21-ch99, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 91
Mean 39.26
Std Dev 3.911
Gaus mean : 39.6507
Gaus Width: 4.2970
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

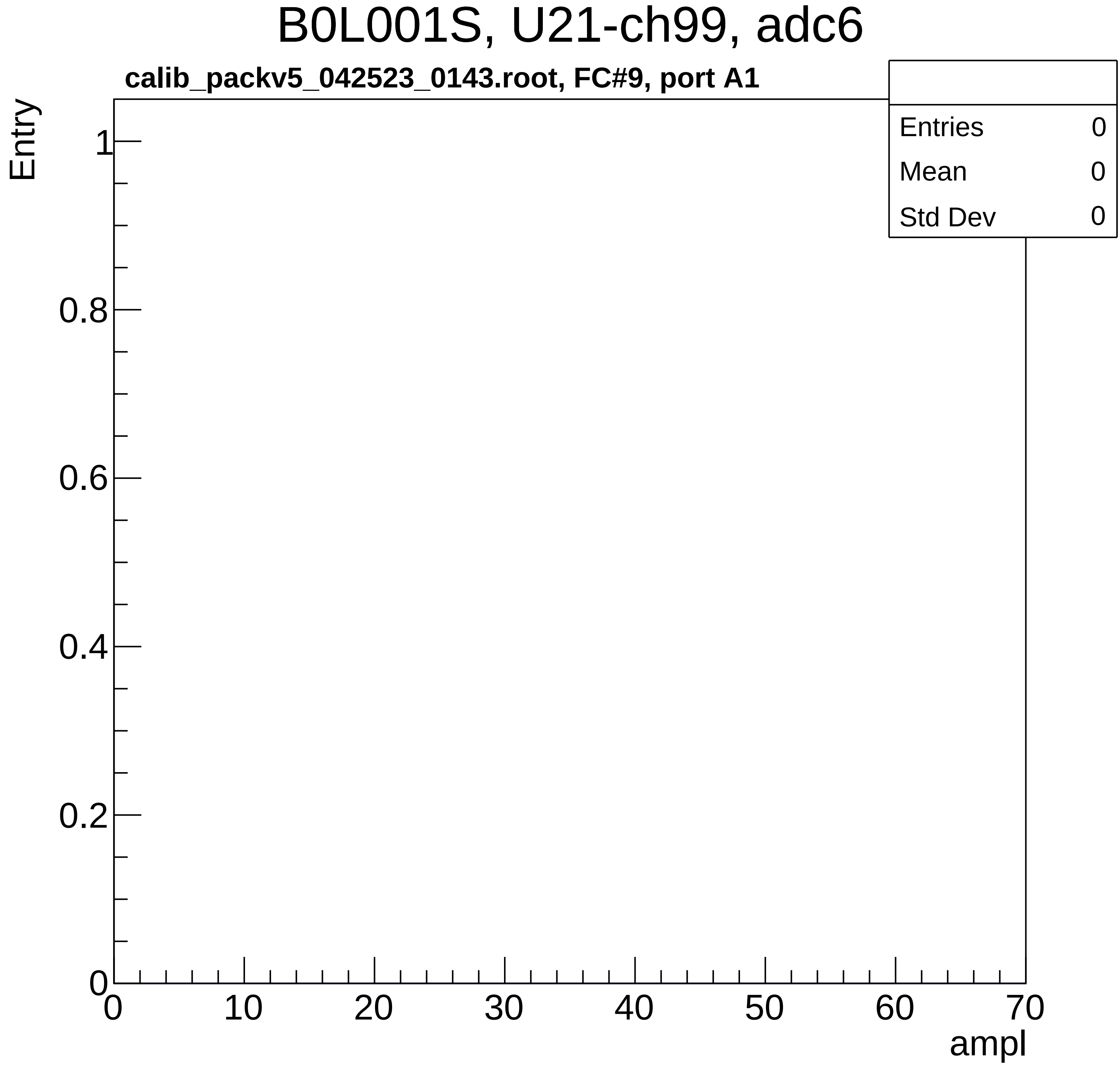

B0L001S, U21-ch99, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 45.63
Std Dev 3.547
Gaus mean : 46.1223
Gaus Width: 4.2275
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch99, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 93
Mean 52.77
Std Dev 3.754
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch99, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 59.22
Std Dev 2.466
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

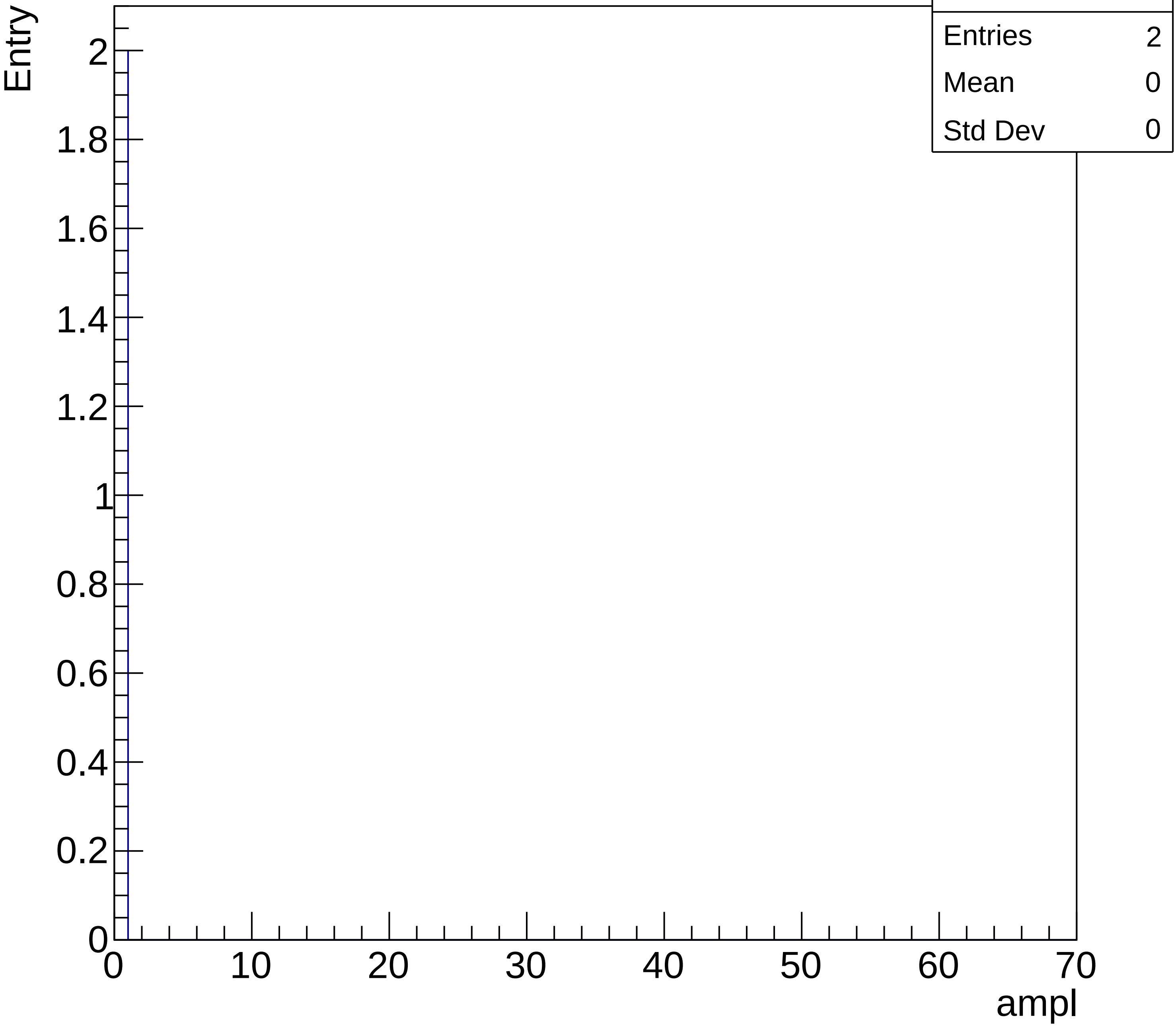
B0L001S, U21-ch99, adc5

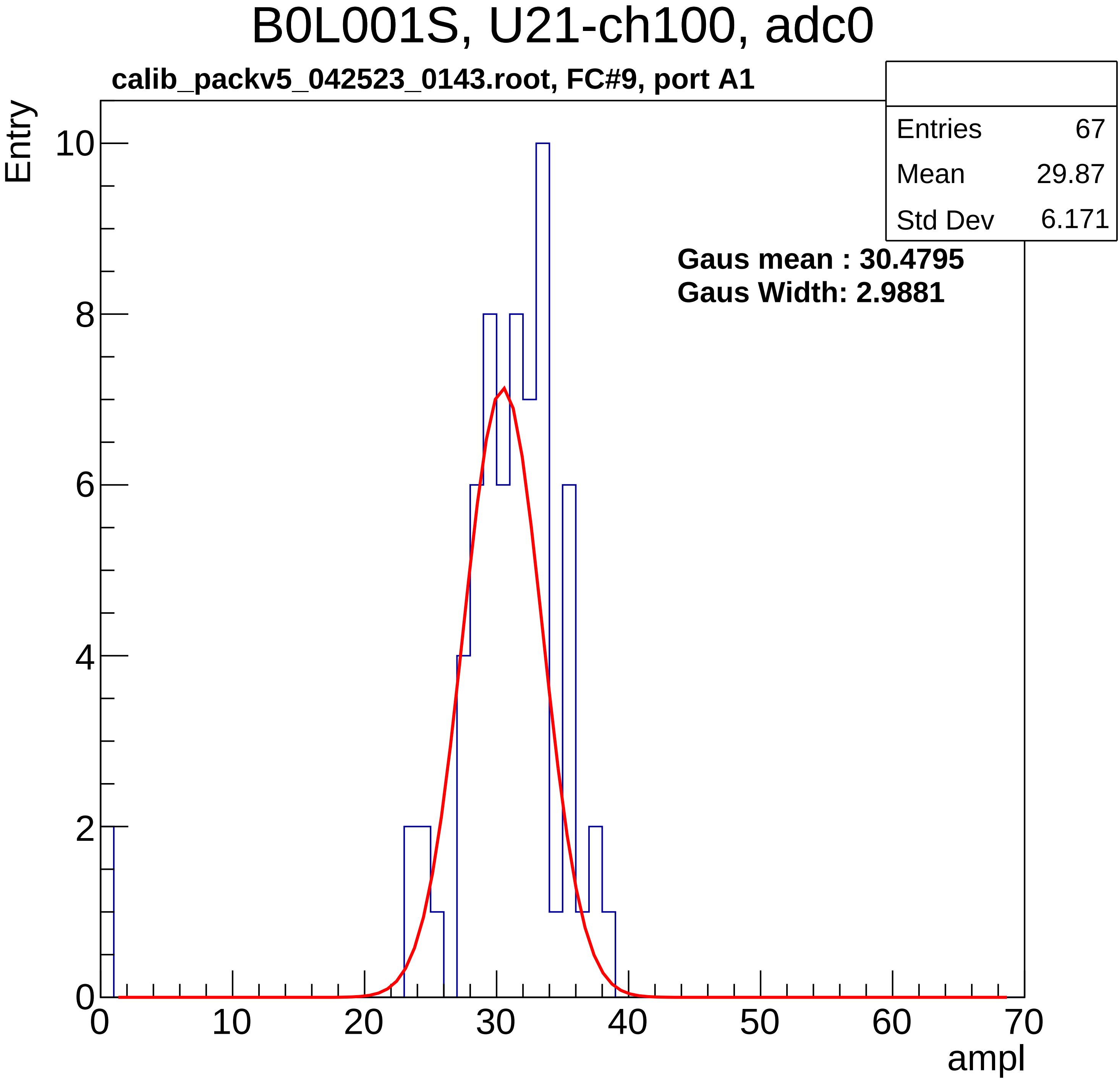


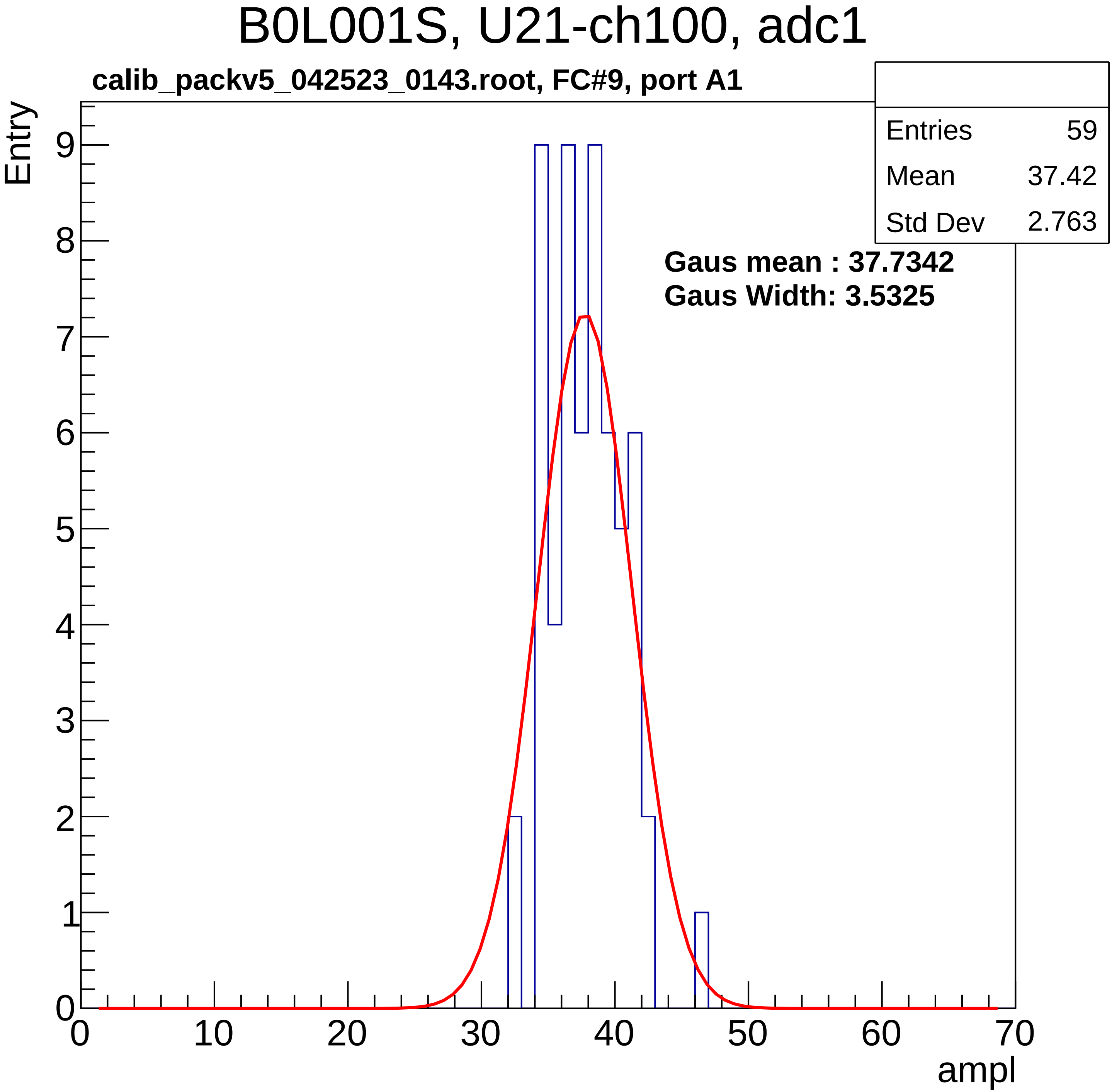

B0L001S, U21-ch99, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl

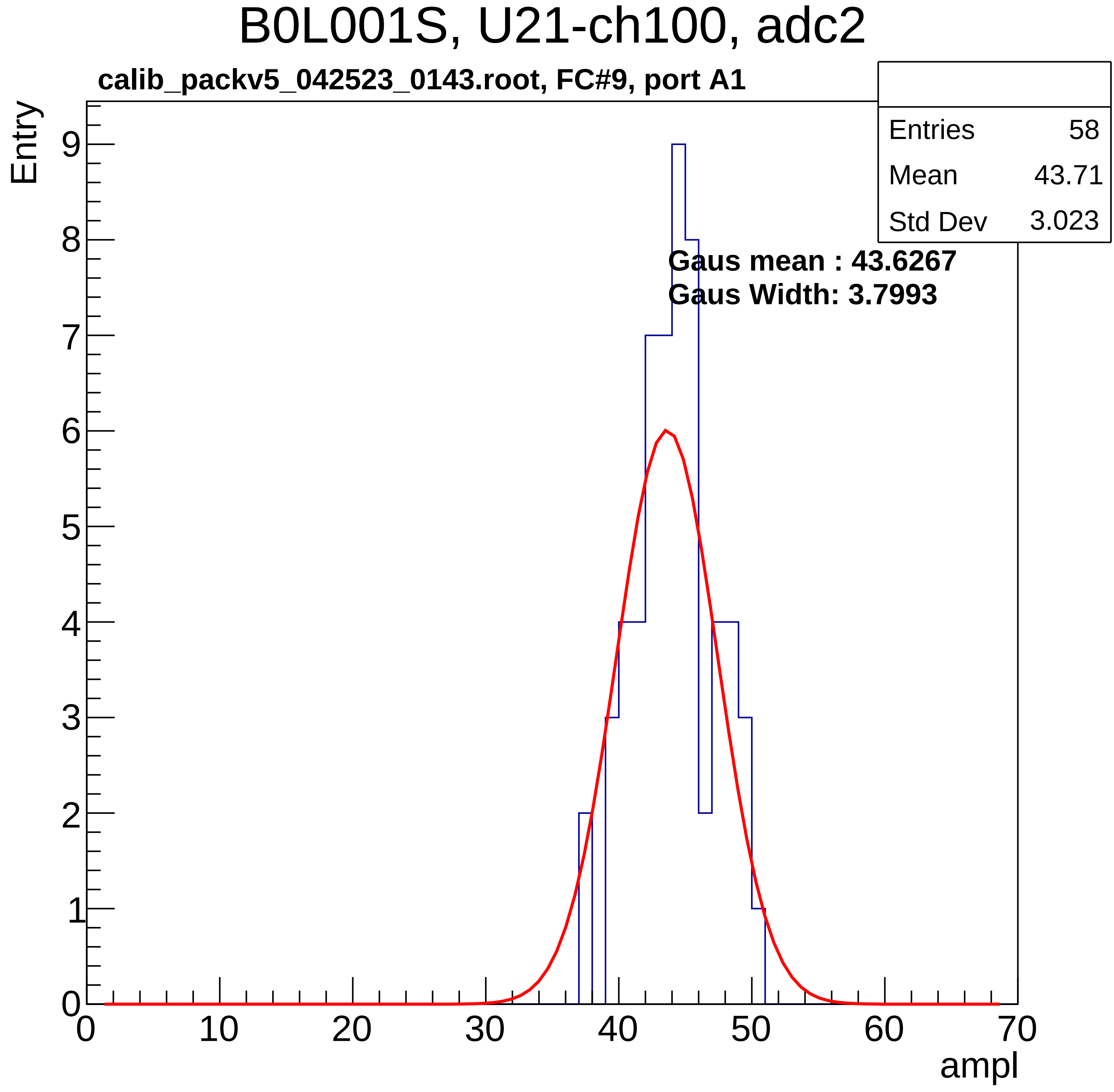
B0L001S, U21-ch99, adc7

calib_packv5_042523_0143.root, FC#9, port A1



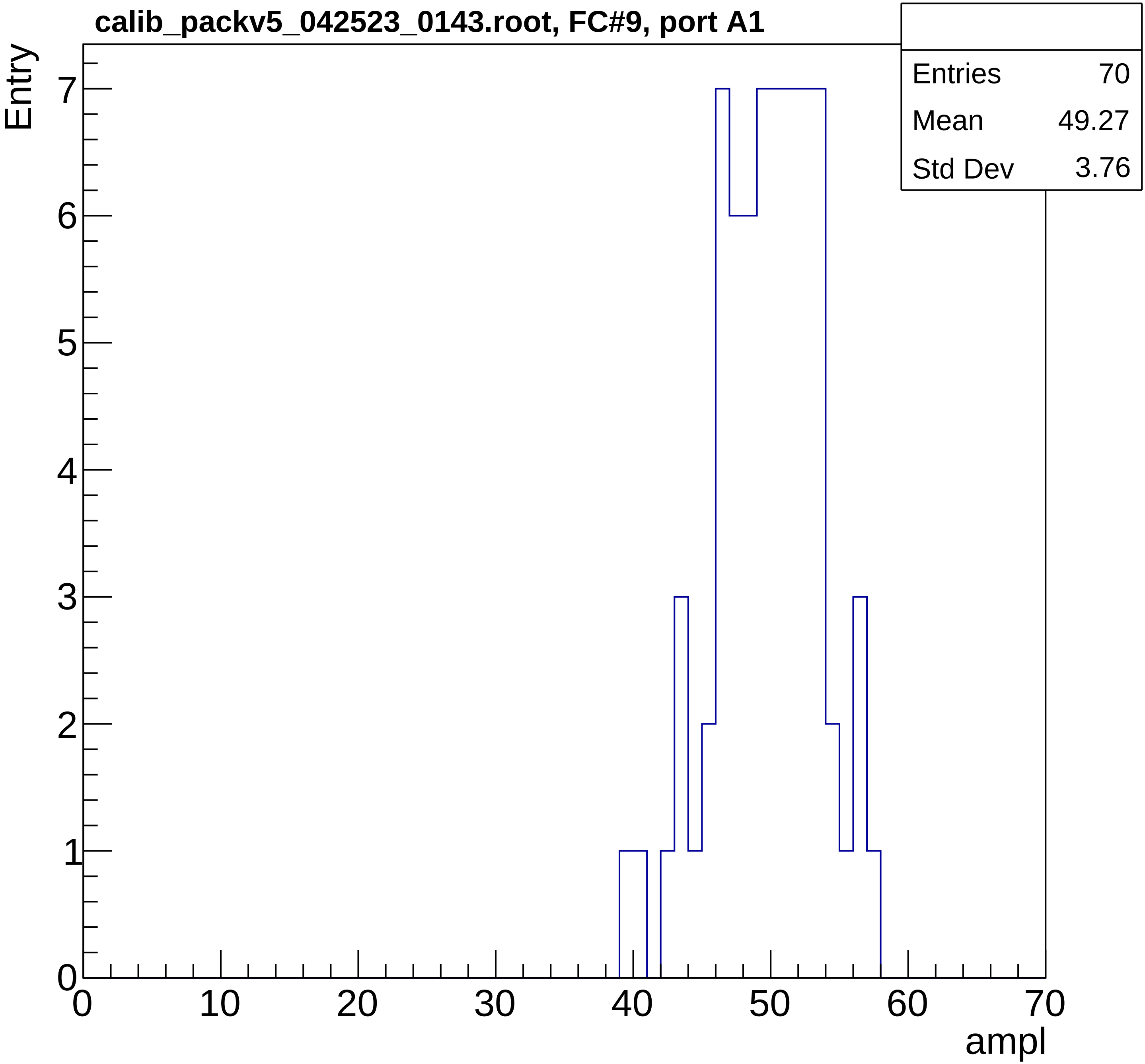

B0L001S, U21-ch100, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 29.87
Std Dev 6.171
Gaus mean : 30.4795
Gaus Width: 2.9881
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

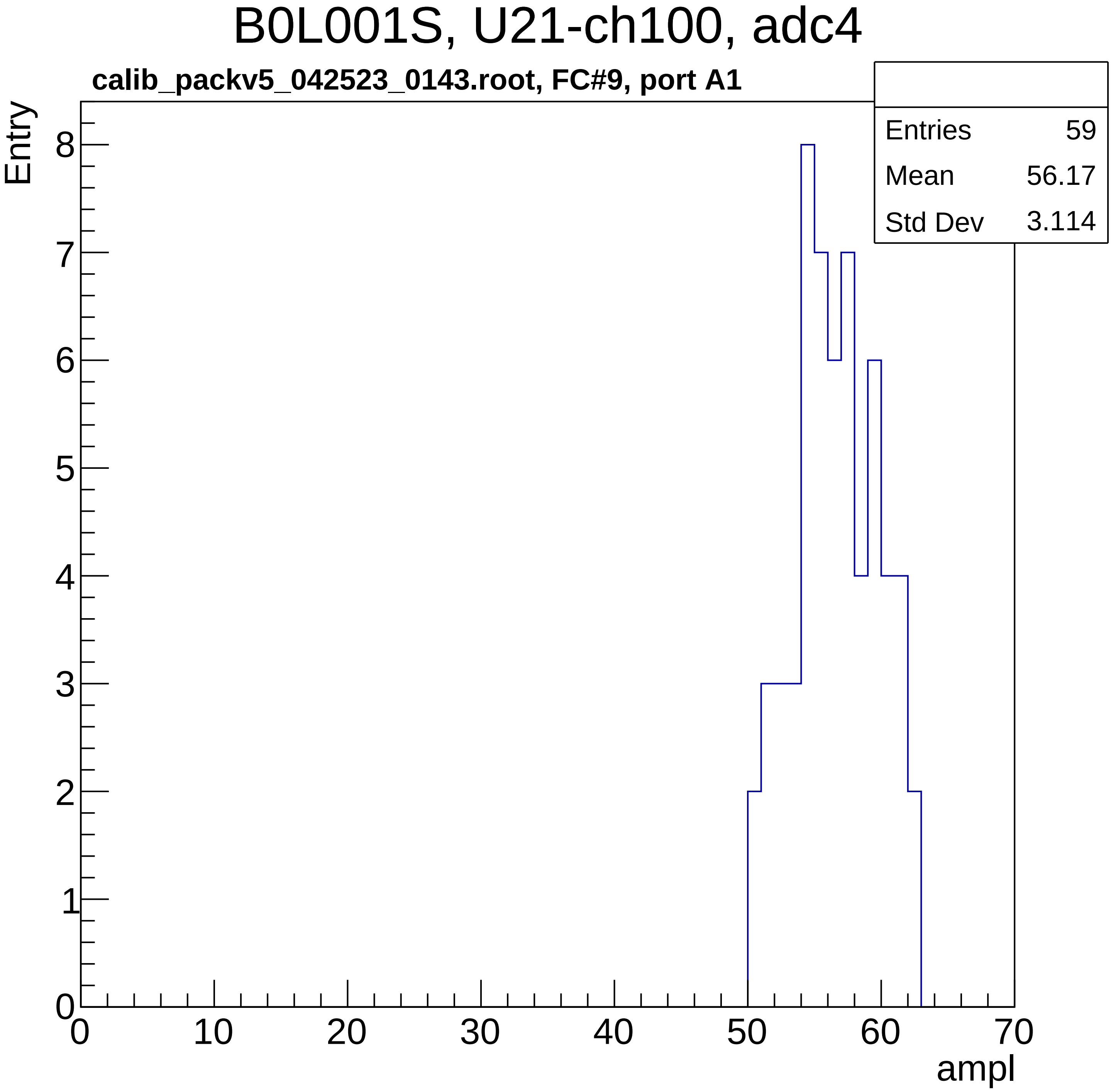

B0L001S, U21-ch100, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 37.42
Std Dev 2.763
Gaus mean : 37.7342
Gaus Width: 3.5325
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

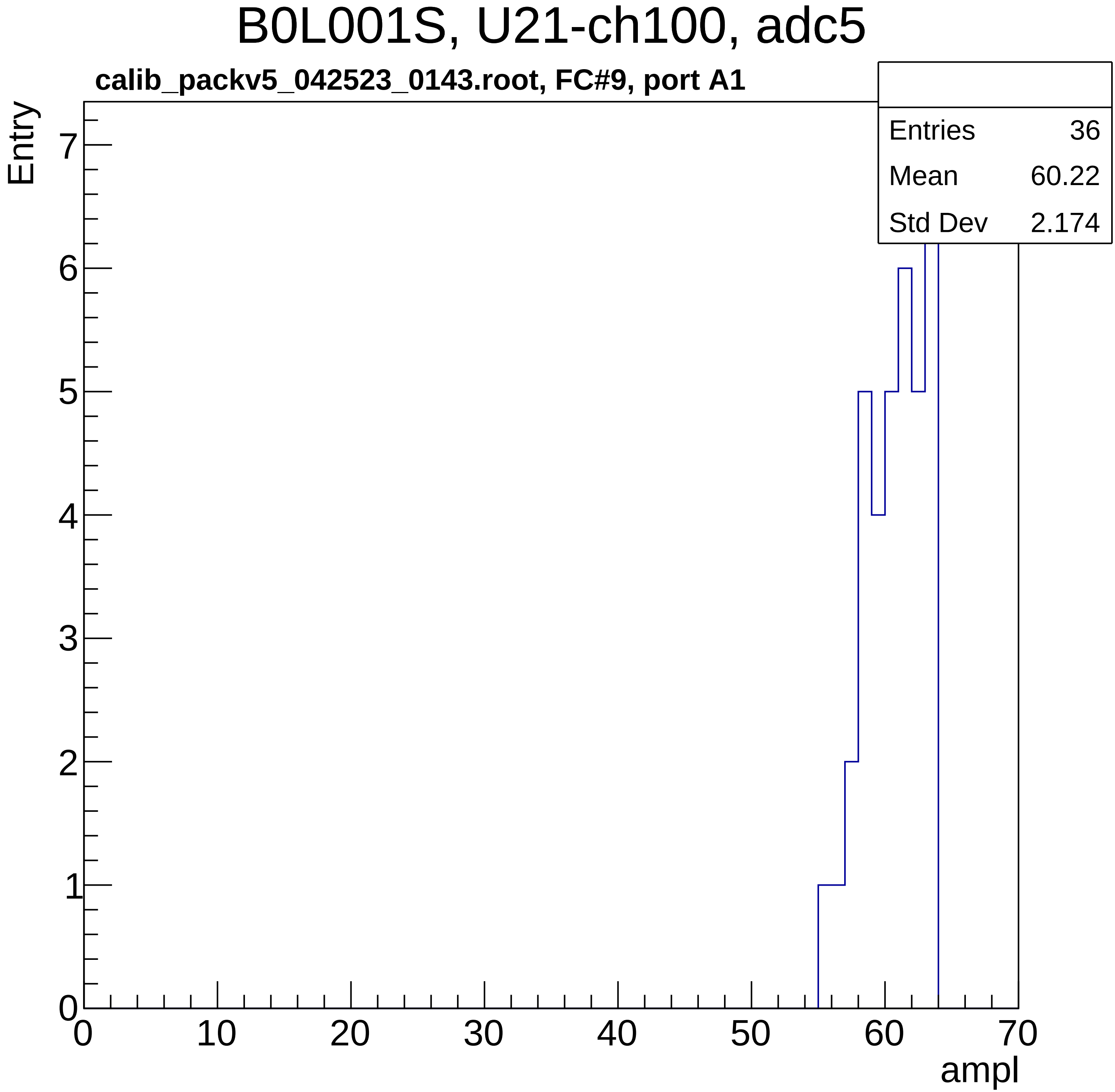

B0L001S, U21-ch100, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 43.71
Std Dev 3.023
Gaus mean : 43.6267
Gaus Width: 3.7993
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

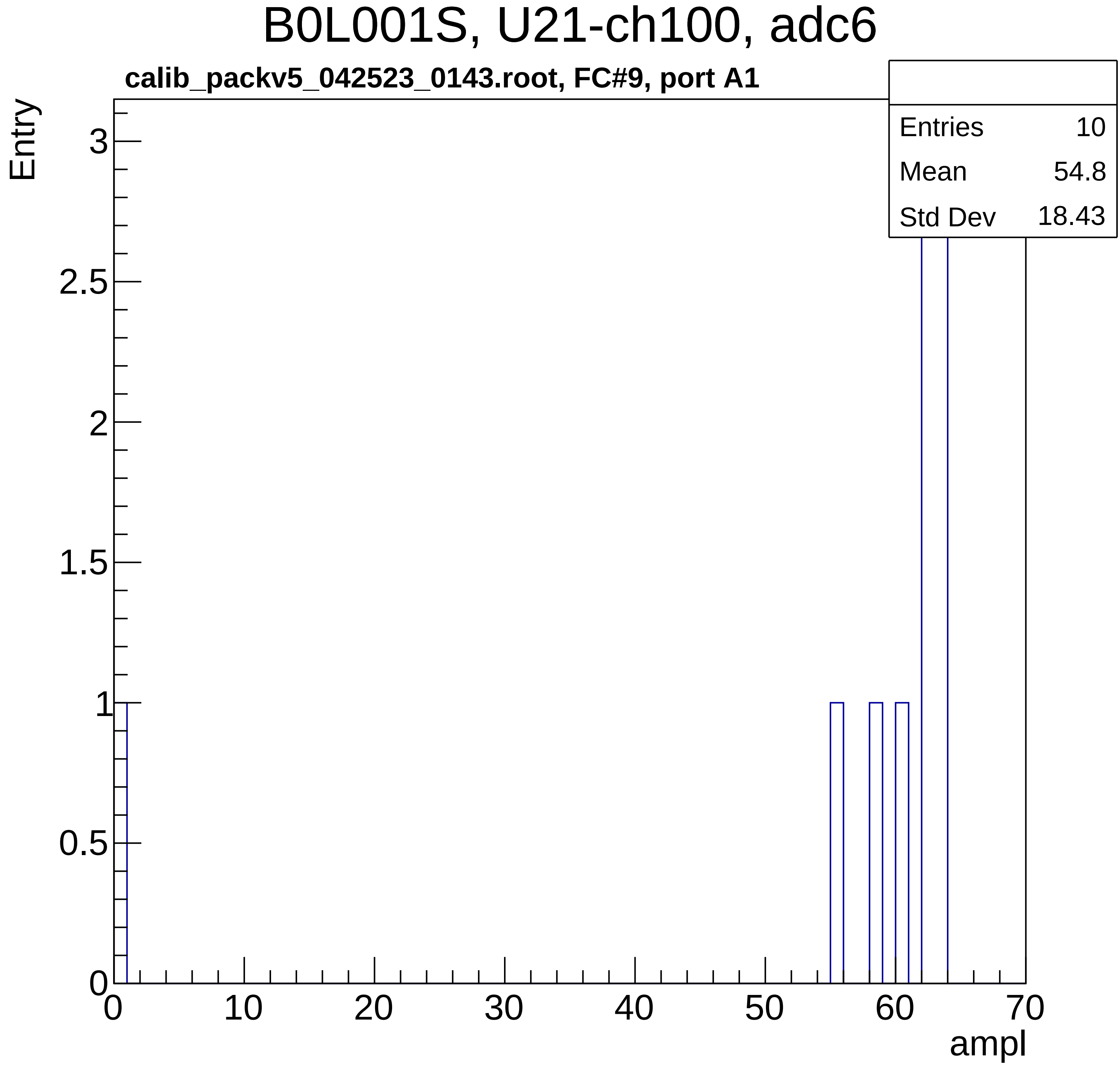
B0L001S, U21-ch100, adc3

calib_packv5_042523_0143.root, FC#9, port A1

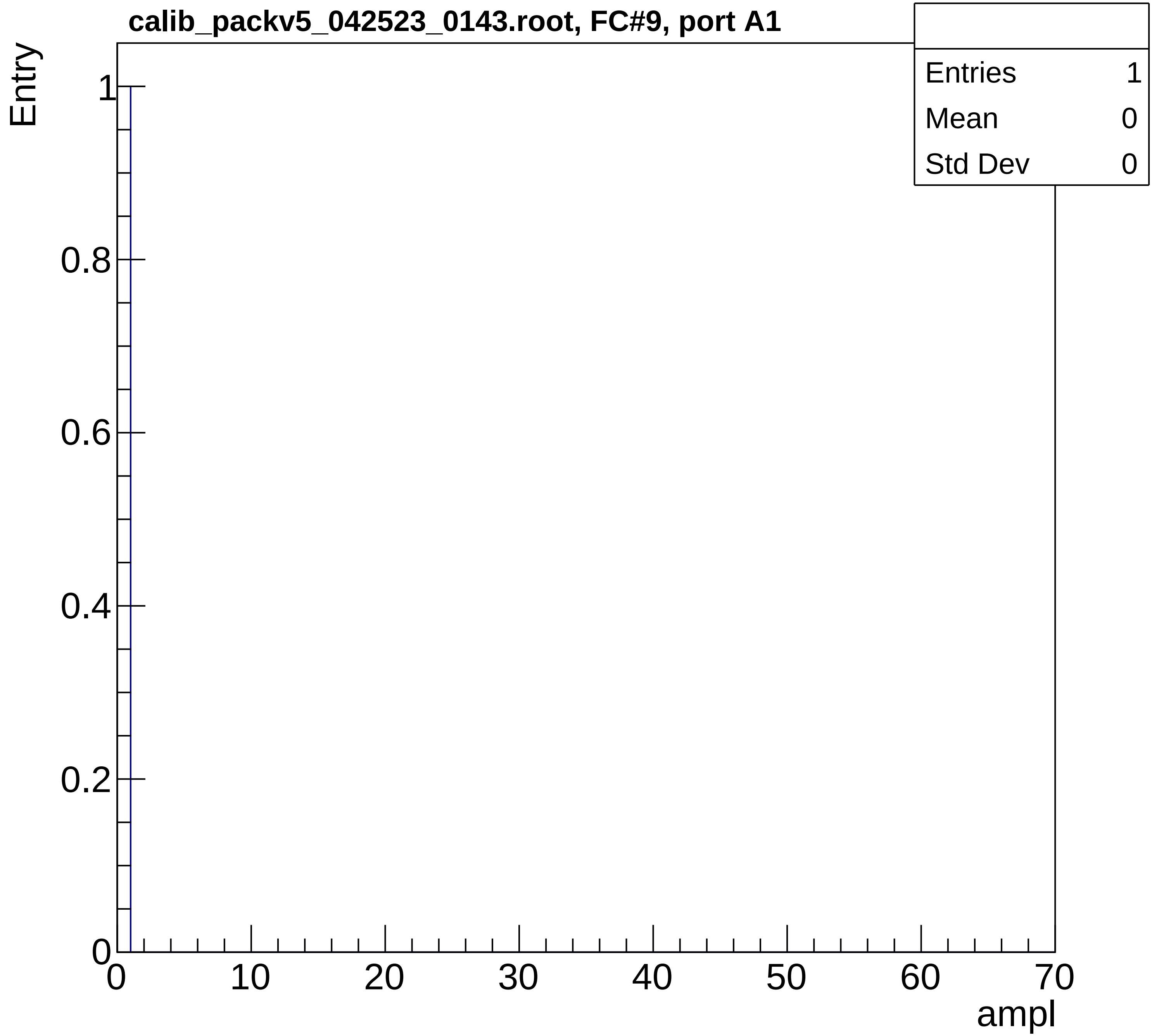



B0L001S, U21-ch100, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 56.17
Std Dev 3.114
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

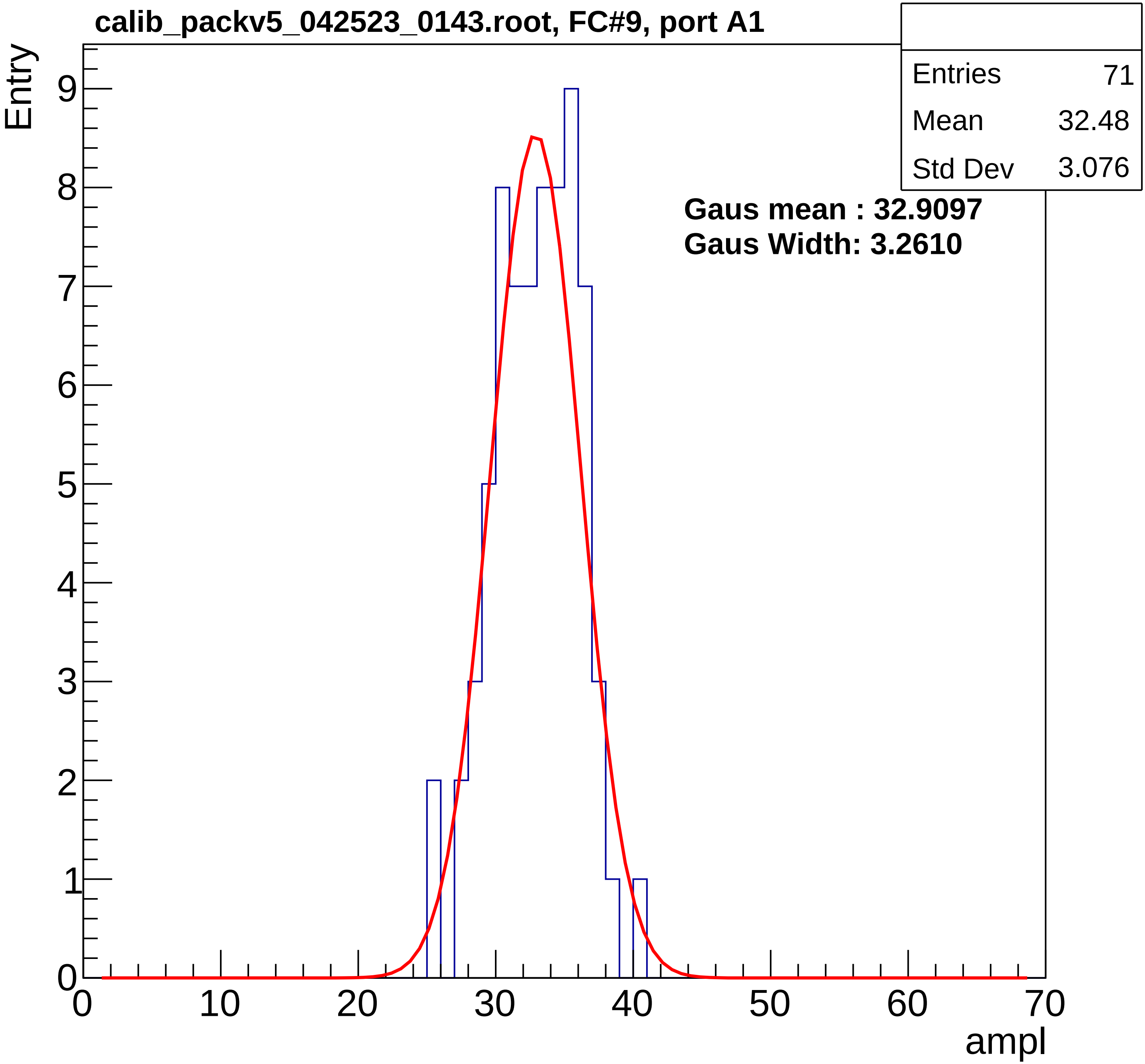

B0L001S, U21-ch100, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 60.22
Std Dev 2.174
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch100, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 10
Mean 54.8
Std Dev 18.43
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

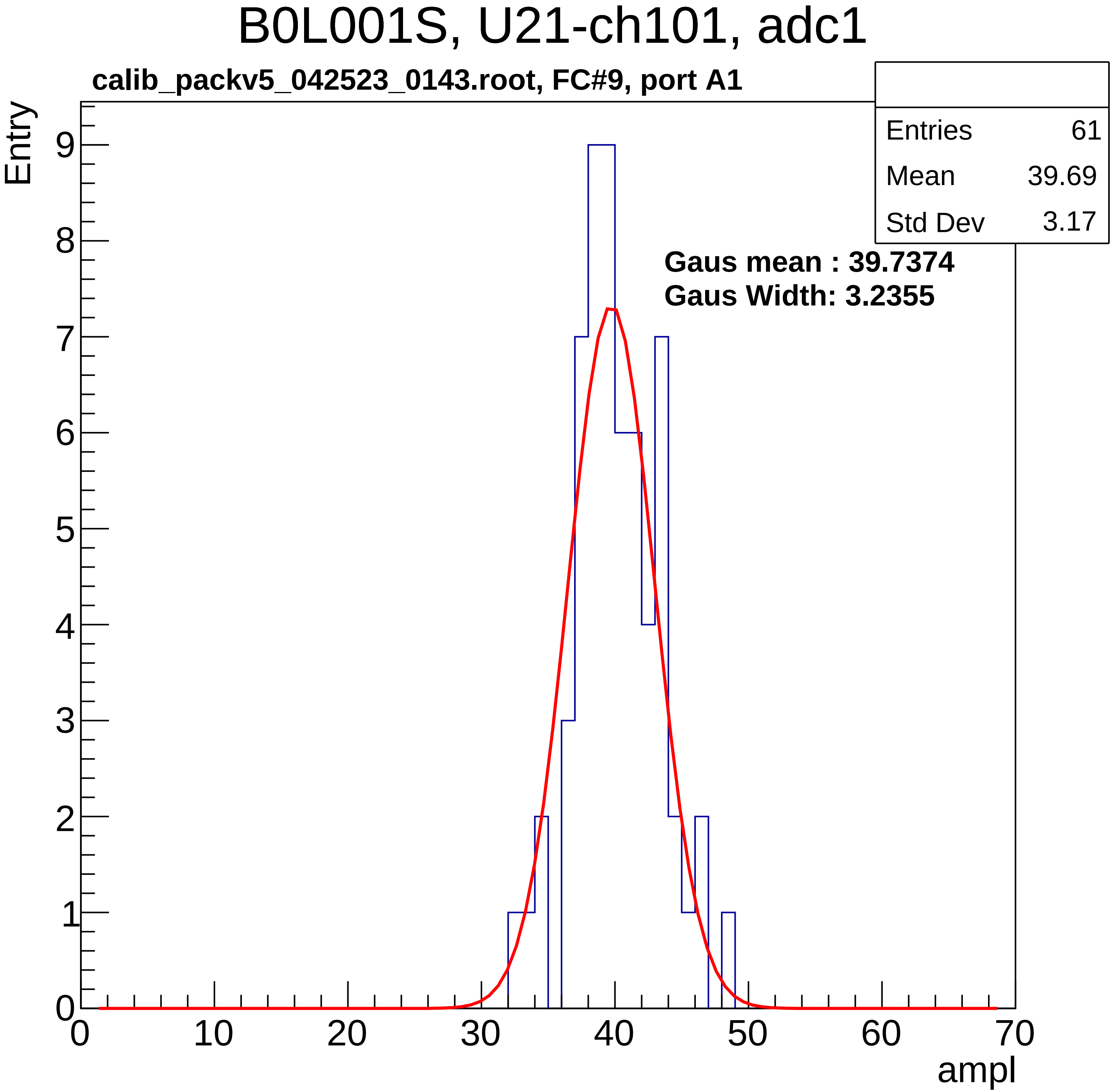
B0L001S, U21-ch100, adc7

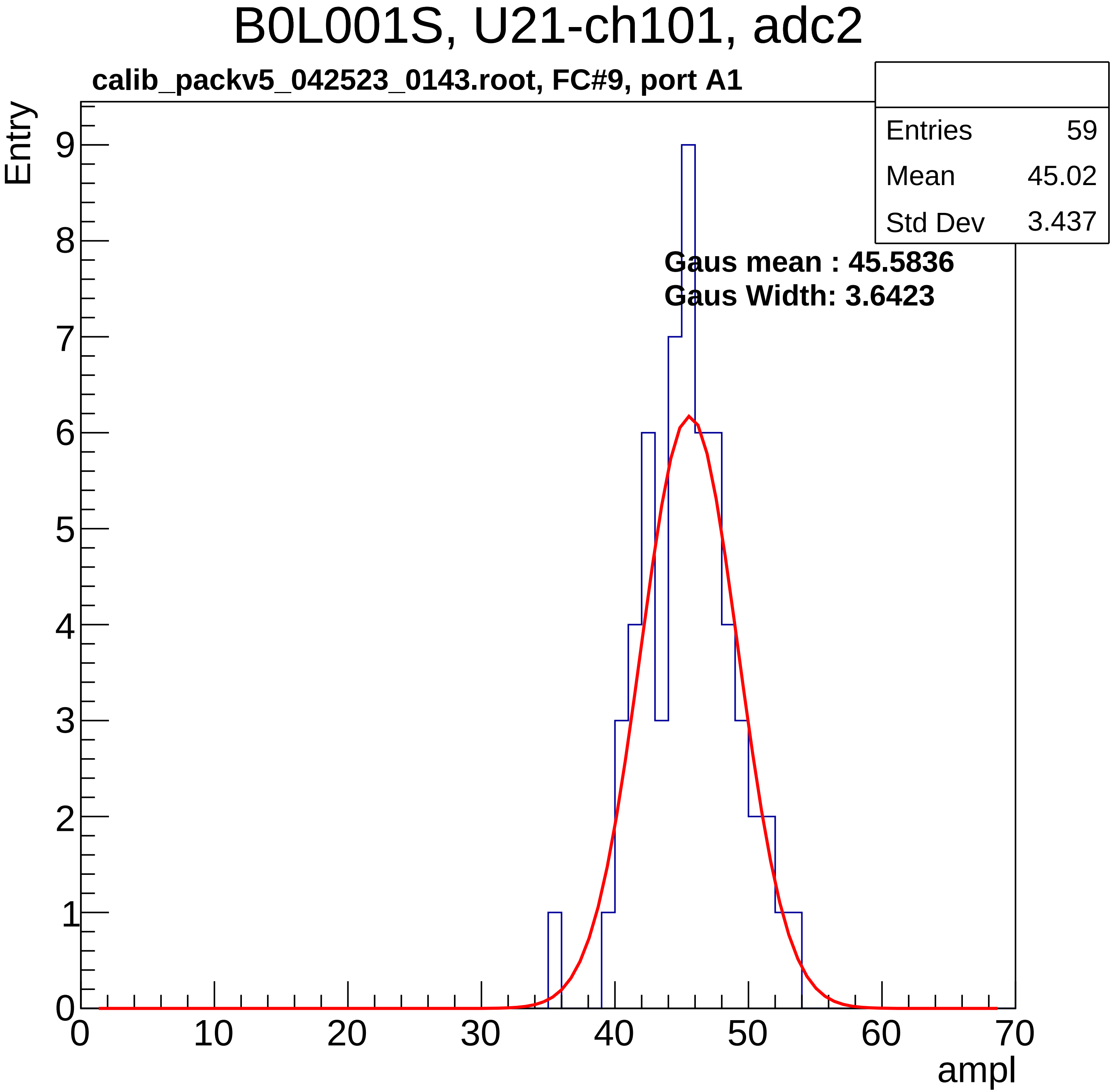


B0L001S, U21-ch101, adc0

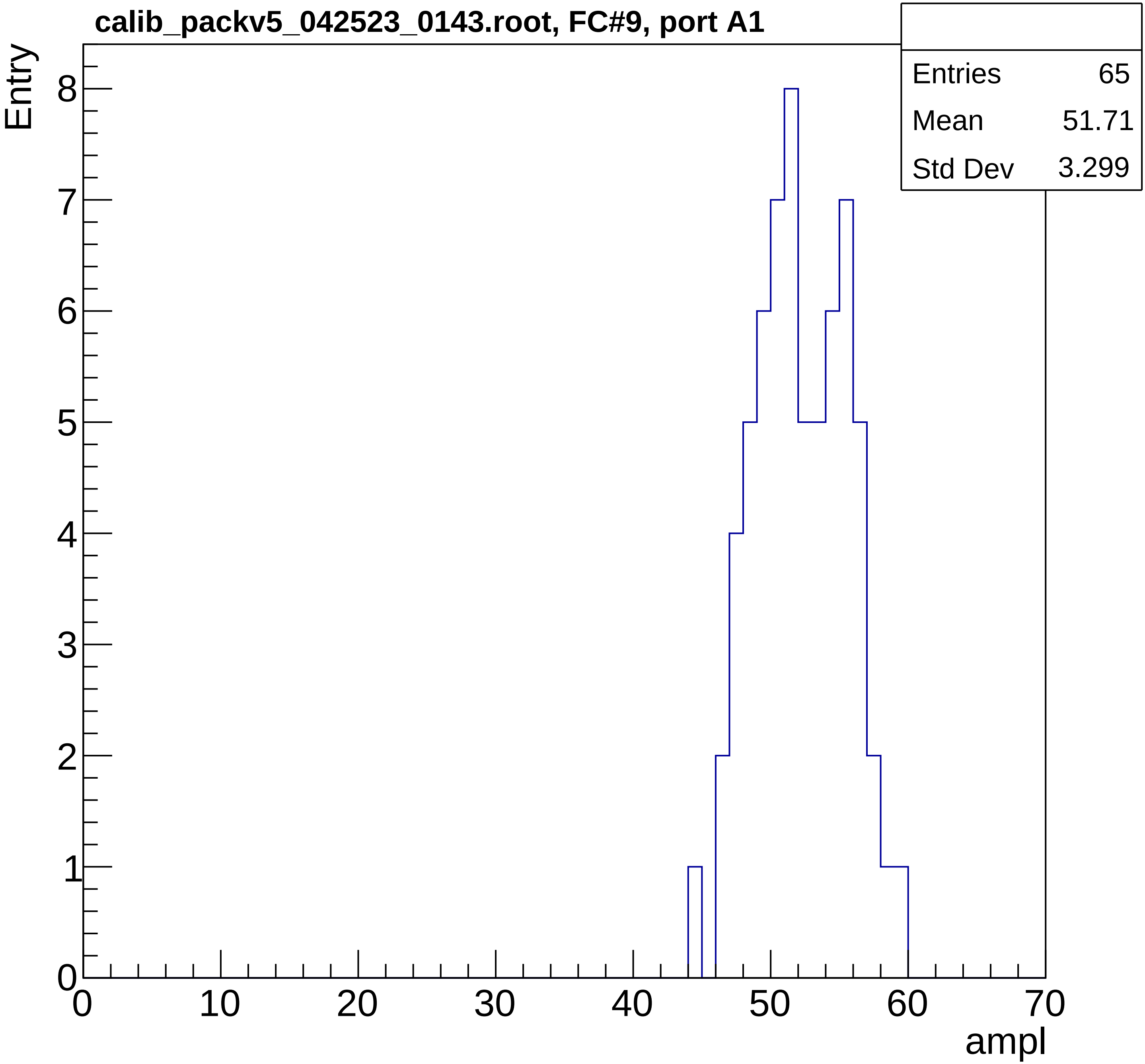


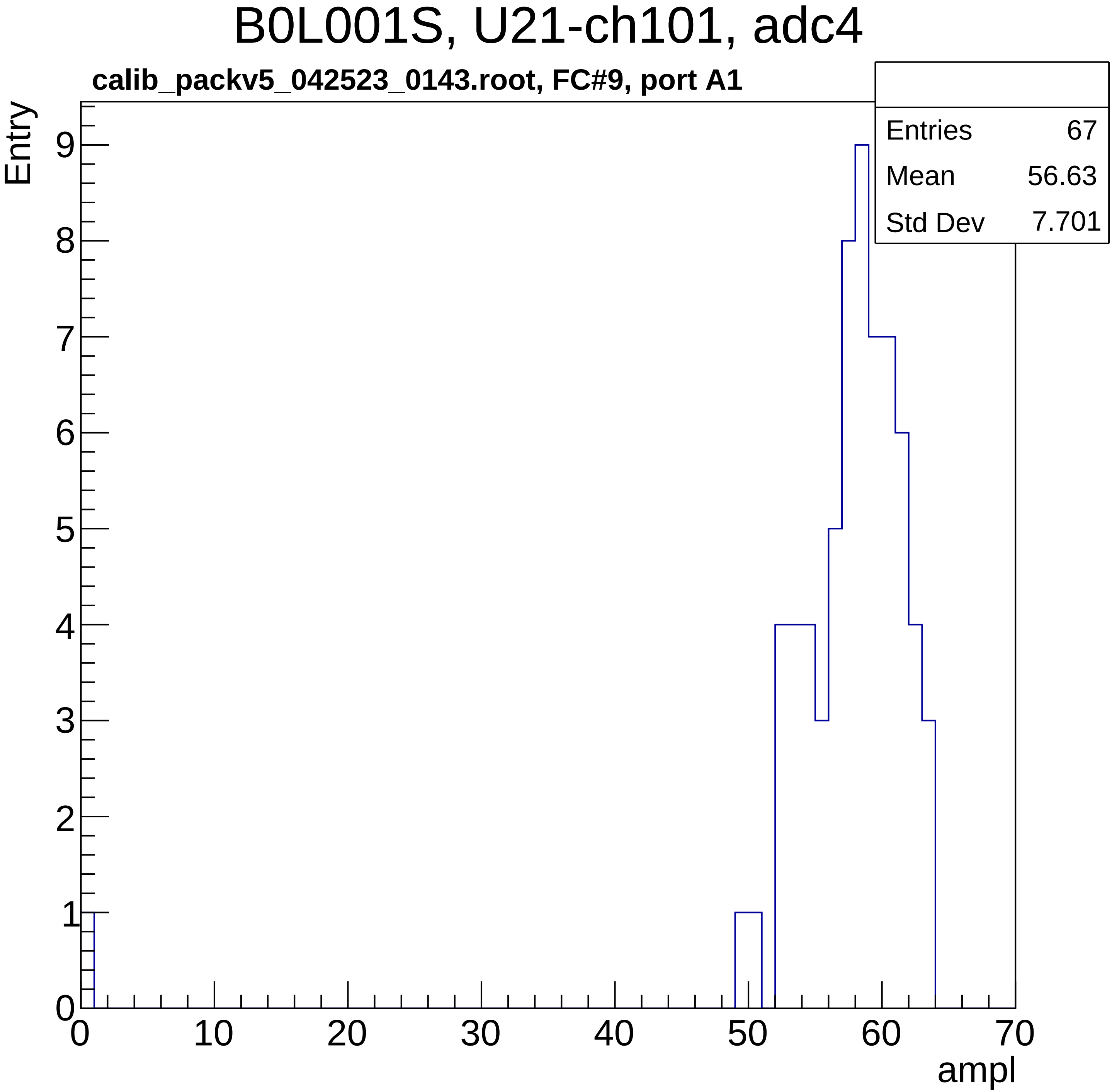
Gaus mean : 32.9097
Gaus Width: 3.2610

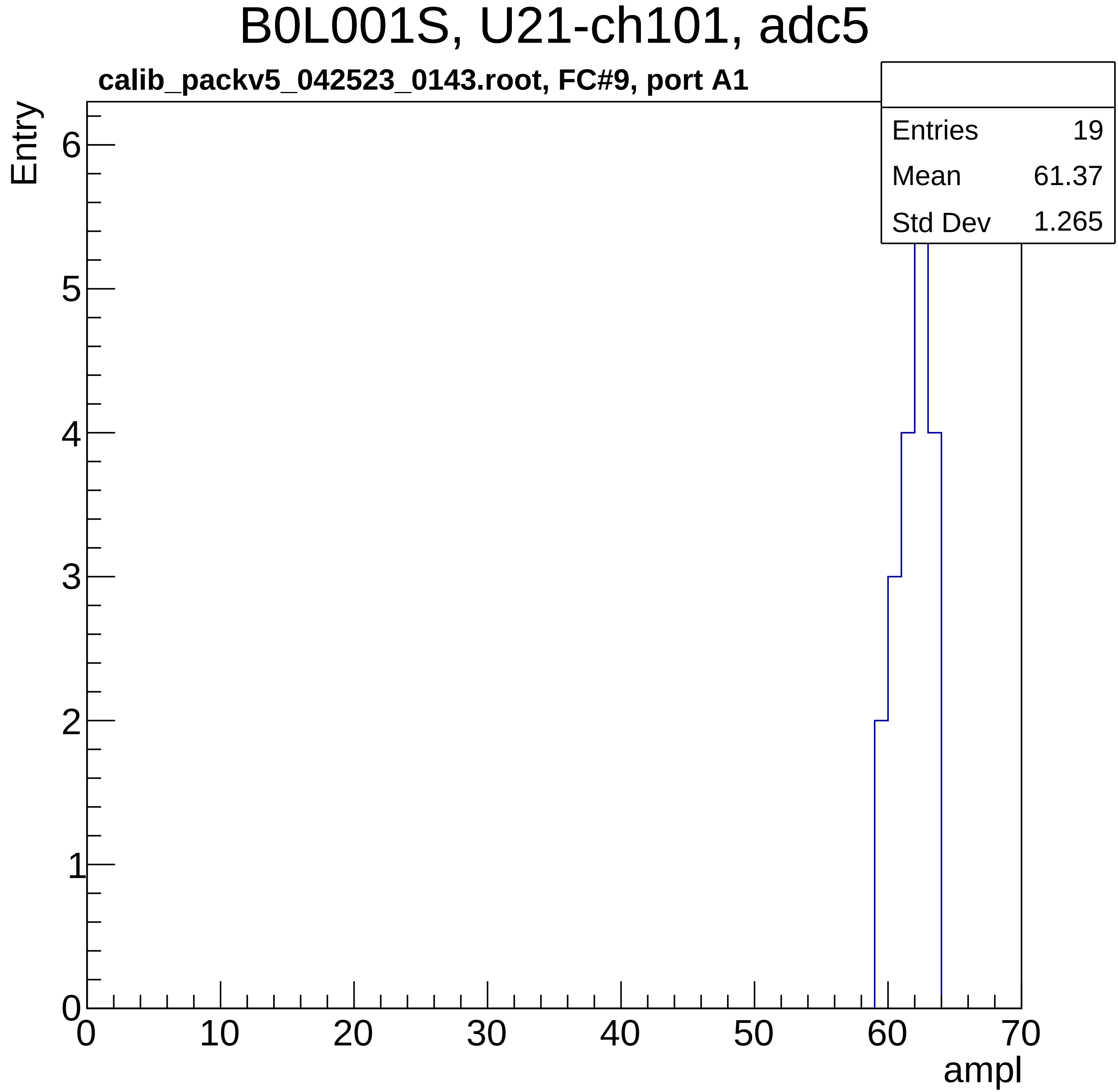

B0L001S, U21-ch101, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 39.69
Std Dev 3.17
Gaus mean : 39.7374
Gaus Width: 3.2355
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

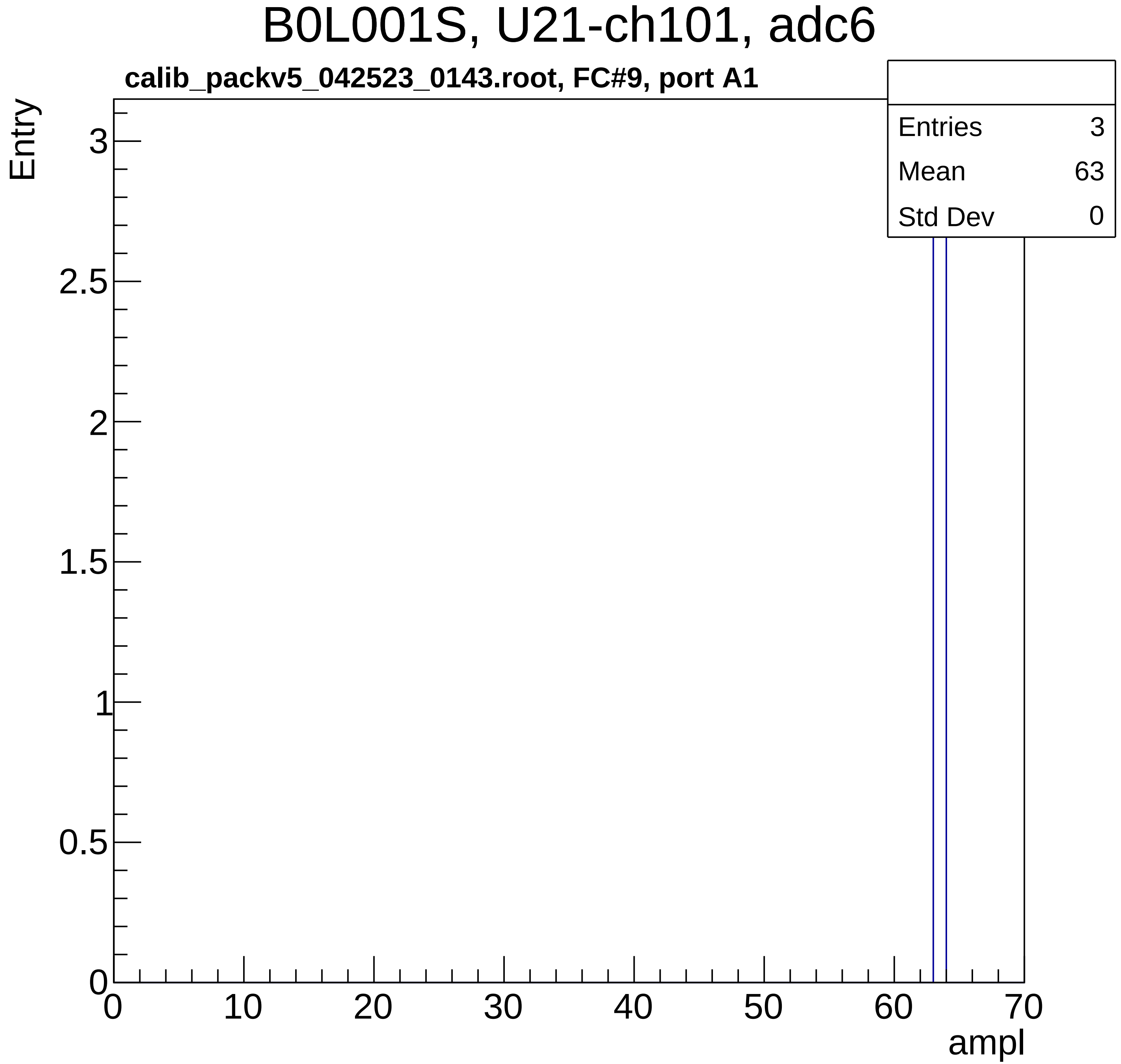

B0L001S, U21-ch101, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 45.02
Std Dev 3.437
Gaus mean : 45.5836
Gaus Width: 3.6423
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

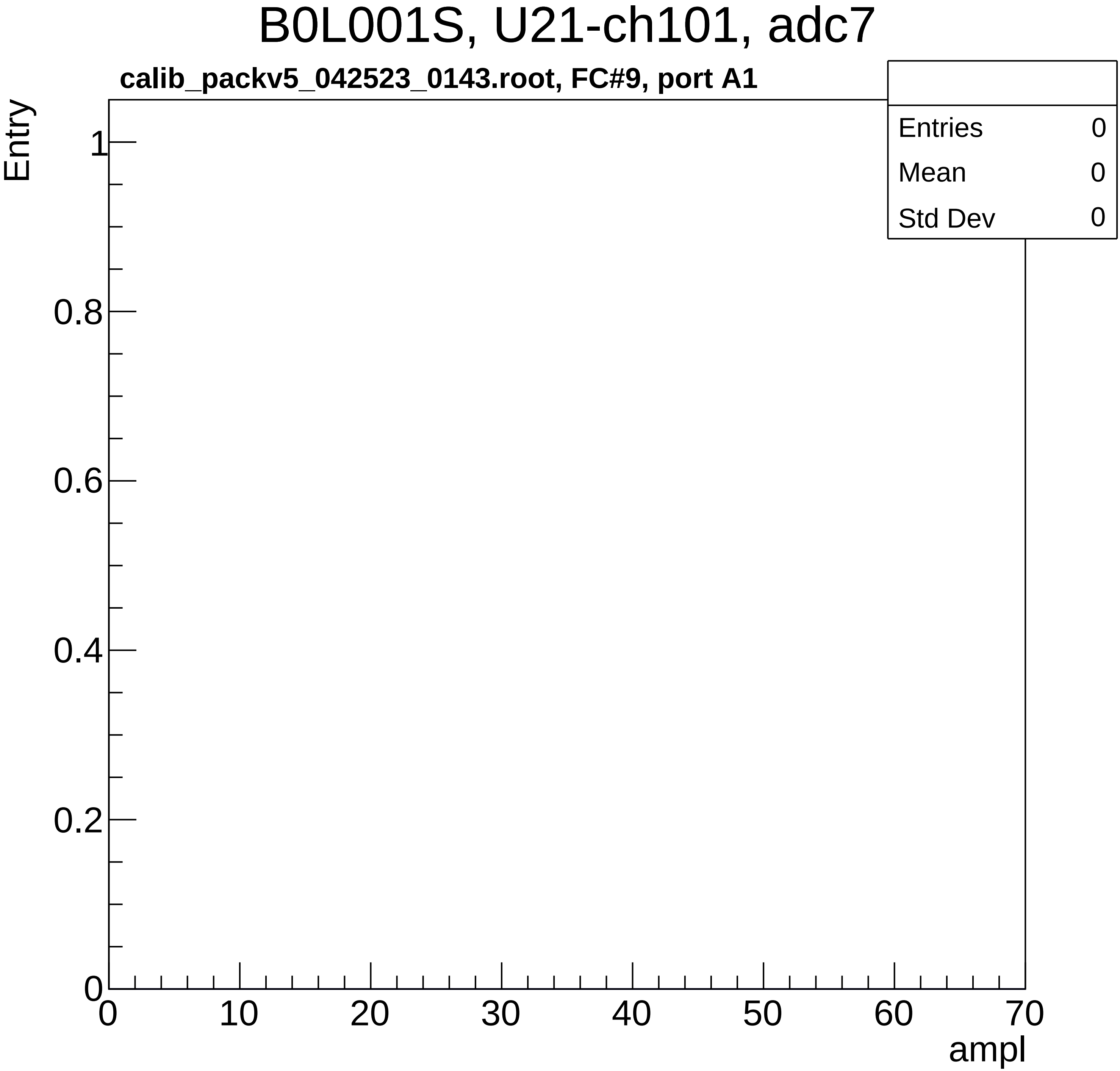
B0L001S, U21-ch101, adc3

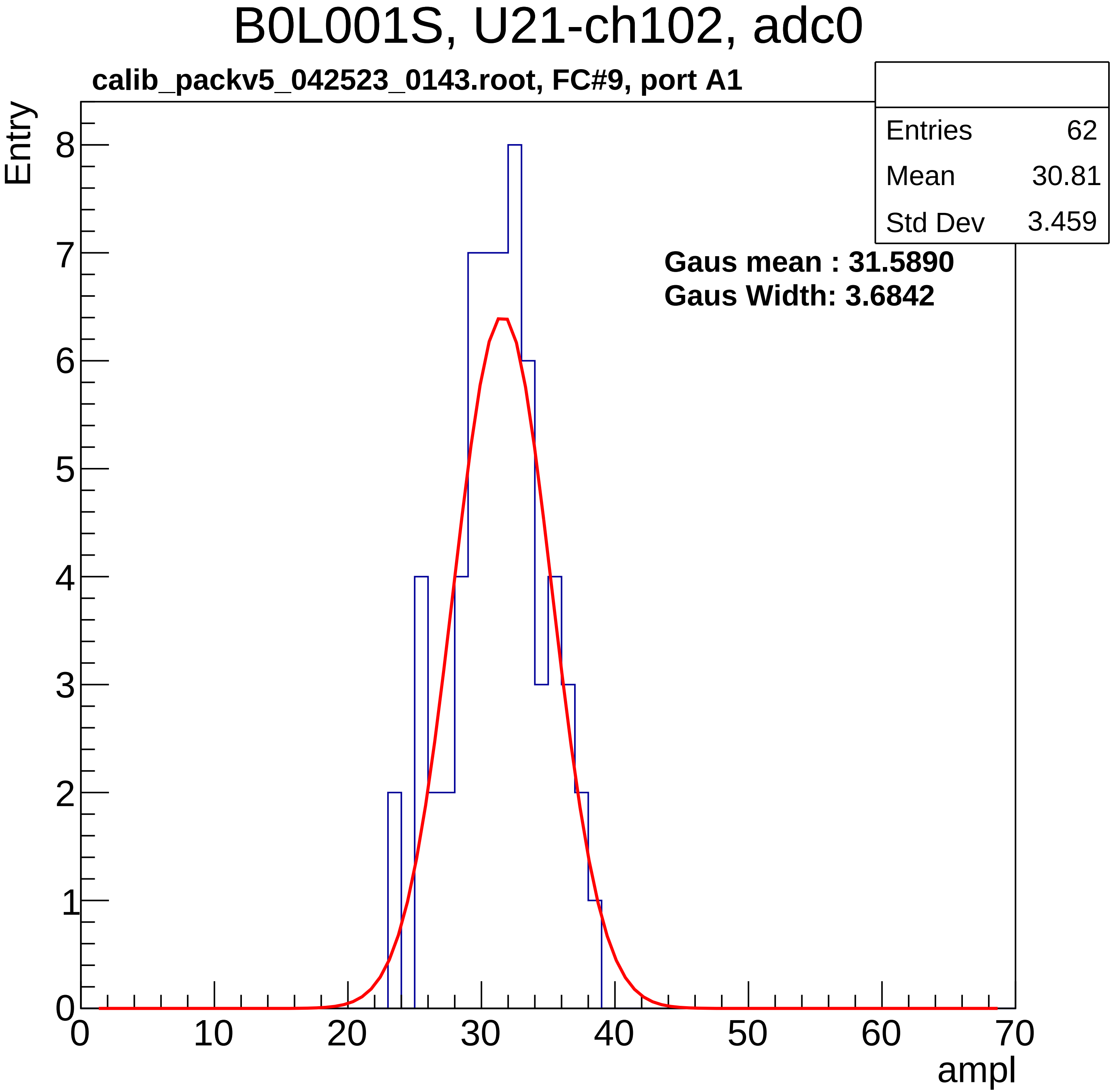


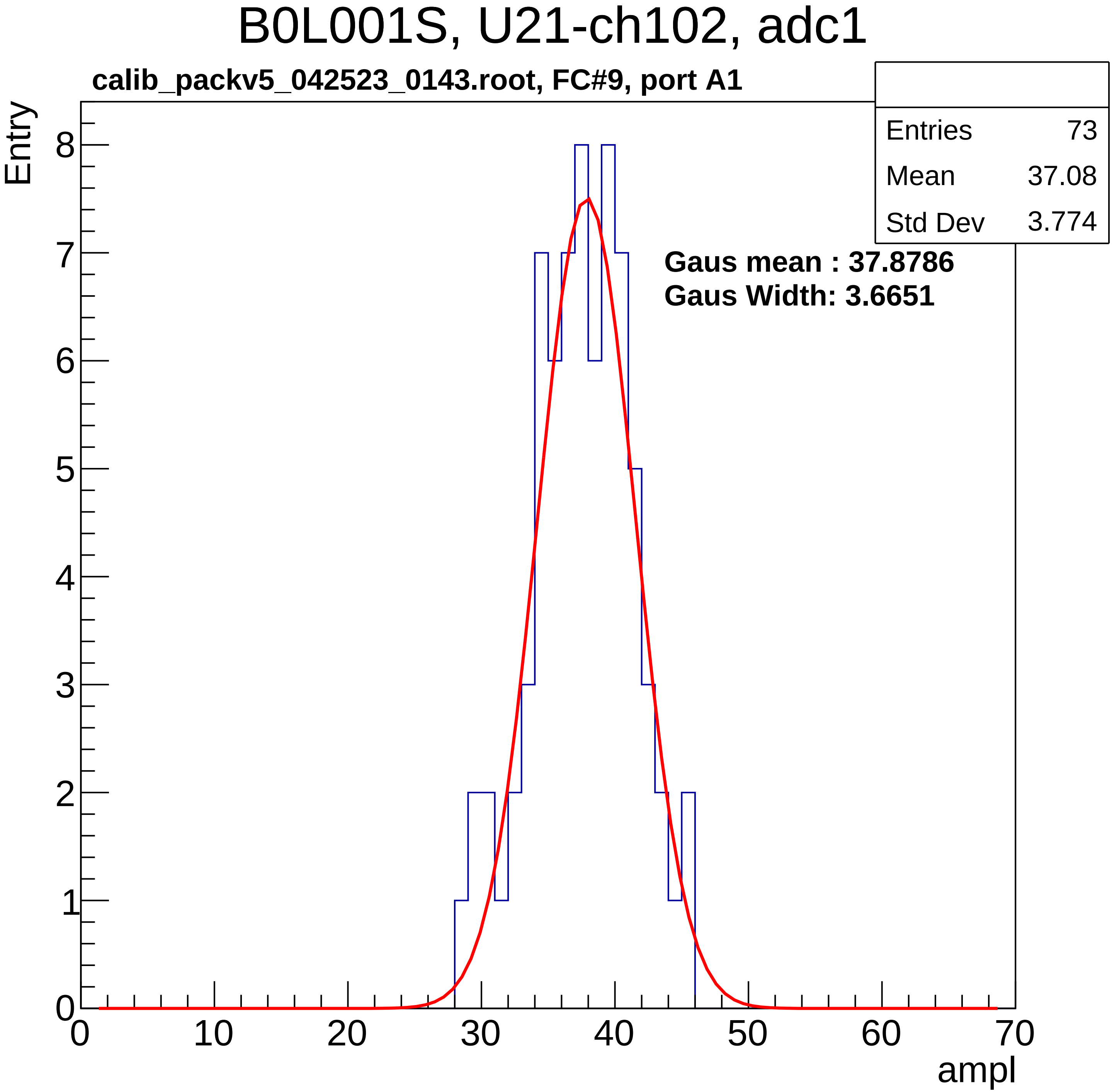

B0L001S, U21-ch101, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 56.63
Std Dev 7.701
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

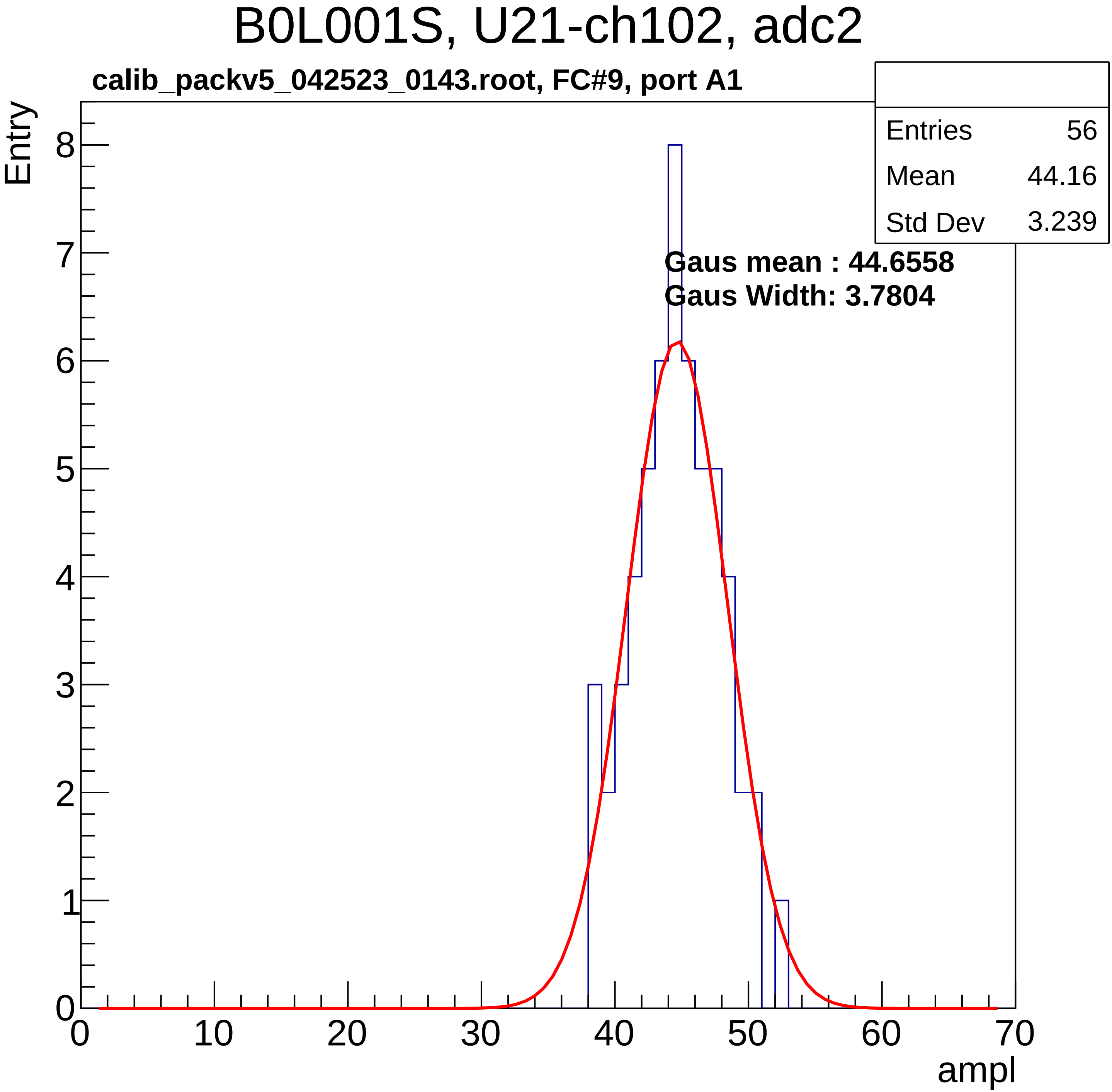

B0L001S, U21-ch101, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 19
Mean 61.37
Std Dev 1.265
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

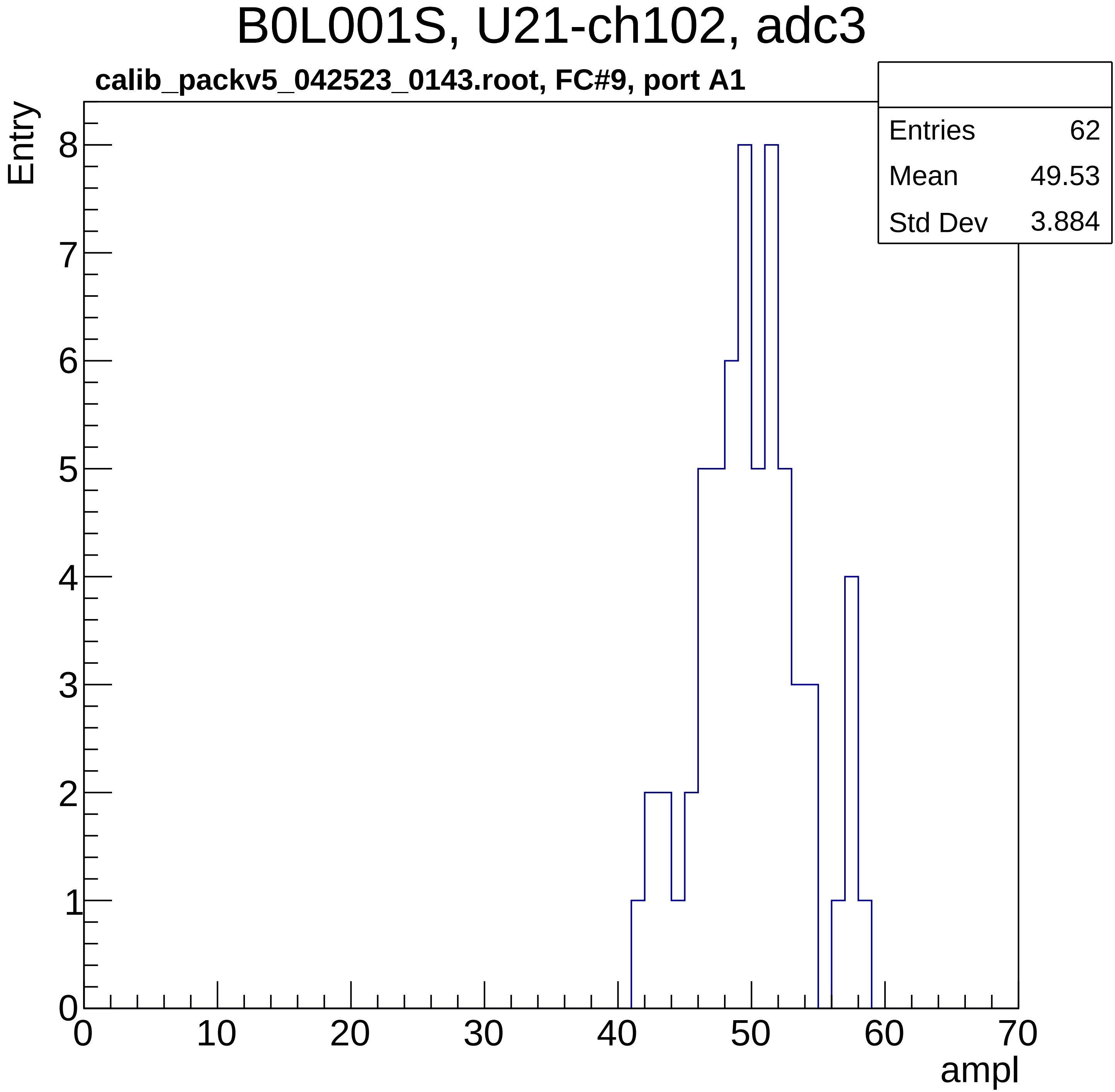

B0L001S, U21-ch101, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch101, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch102, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 30.81
Std Dev 3.459
Gaus mean : 31.5890
Gaus Width: 3.6842
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

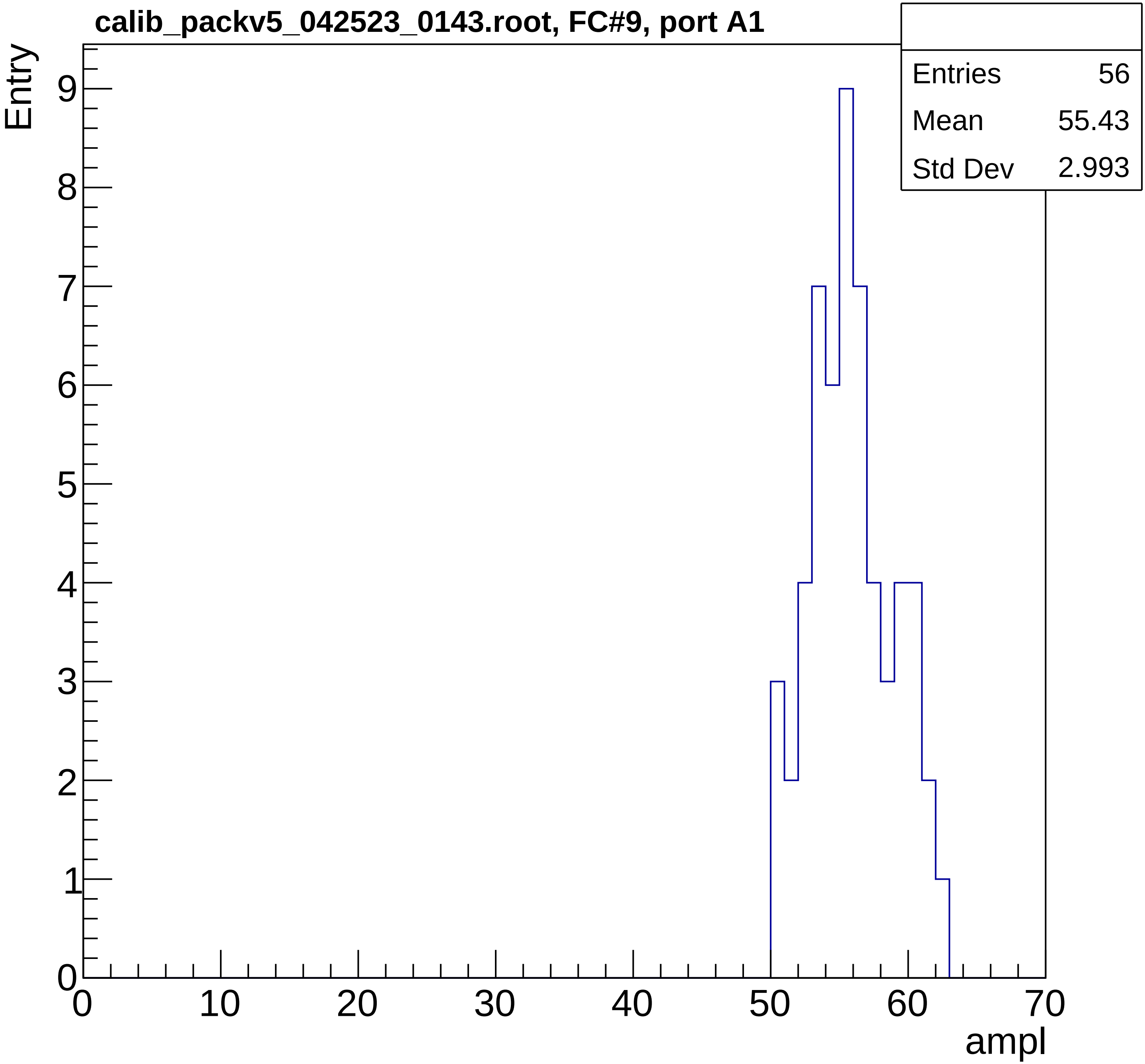

B0L001S, U21-ch102, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 73
Mean 37.08
Std Dev 3.774
Gaus mean : 37.8786
Gaus Width: 3.6651
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

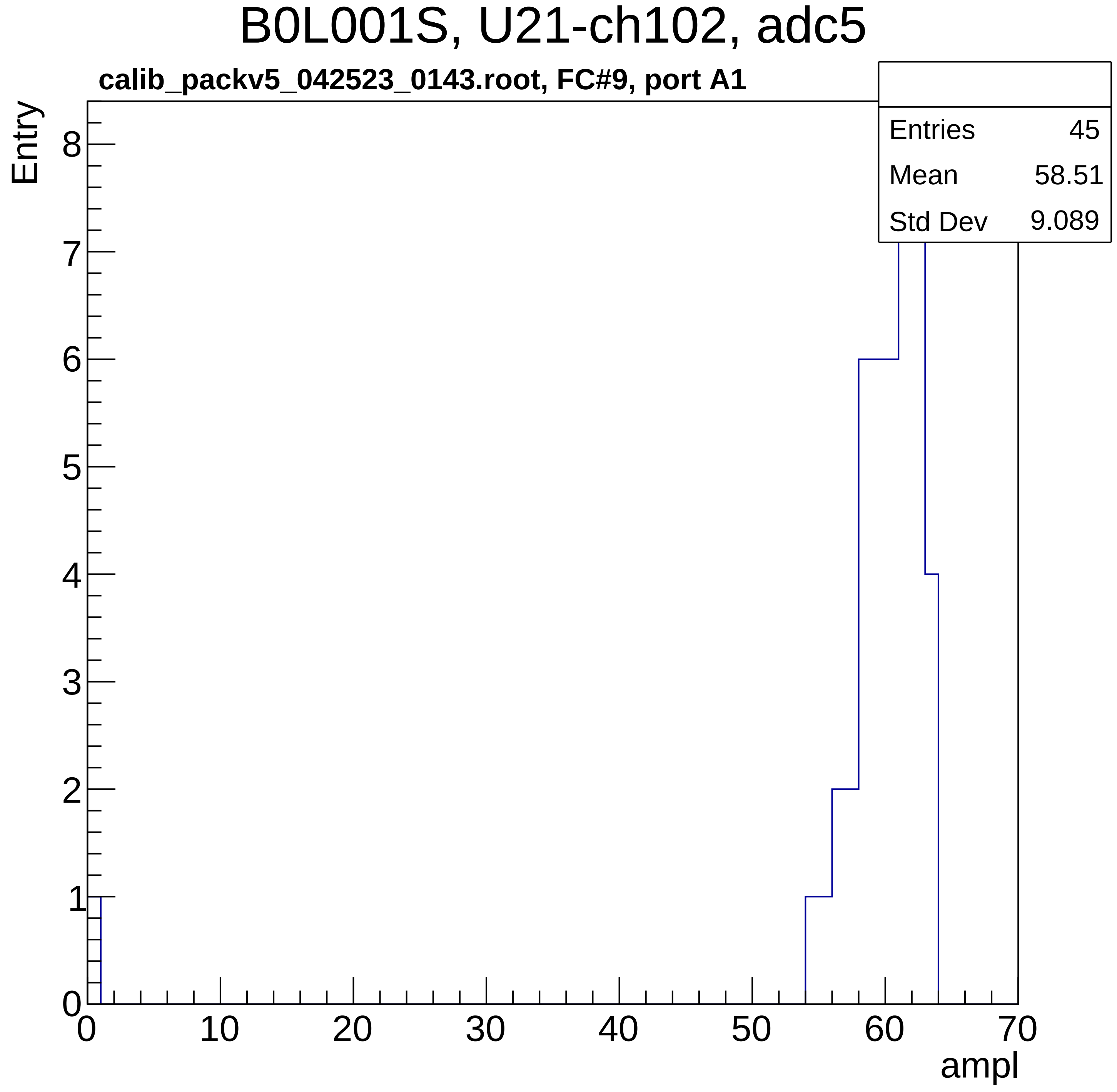

B0L001S, U21-ch102, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 44.16
Std Dev 3.239
Gaus mean : 44.6558
Gaus Width: 3.7804
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch102, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 49.53
Std Dev 3.884
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

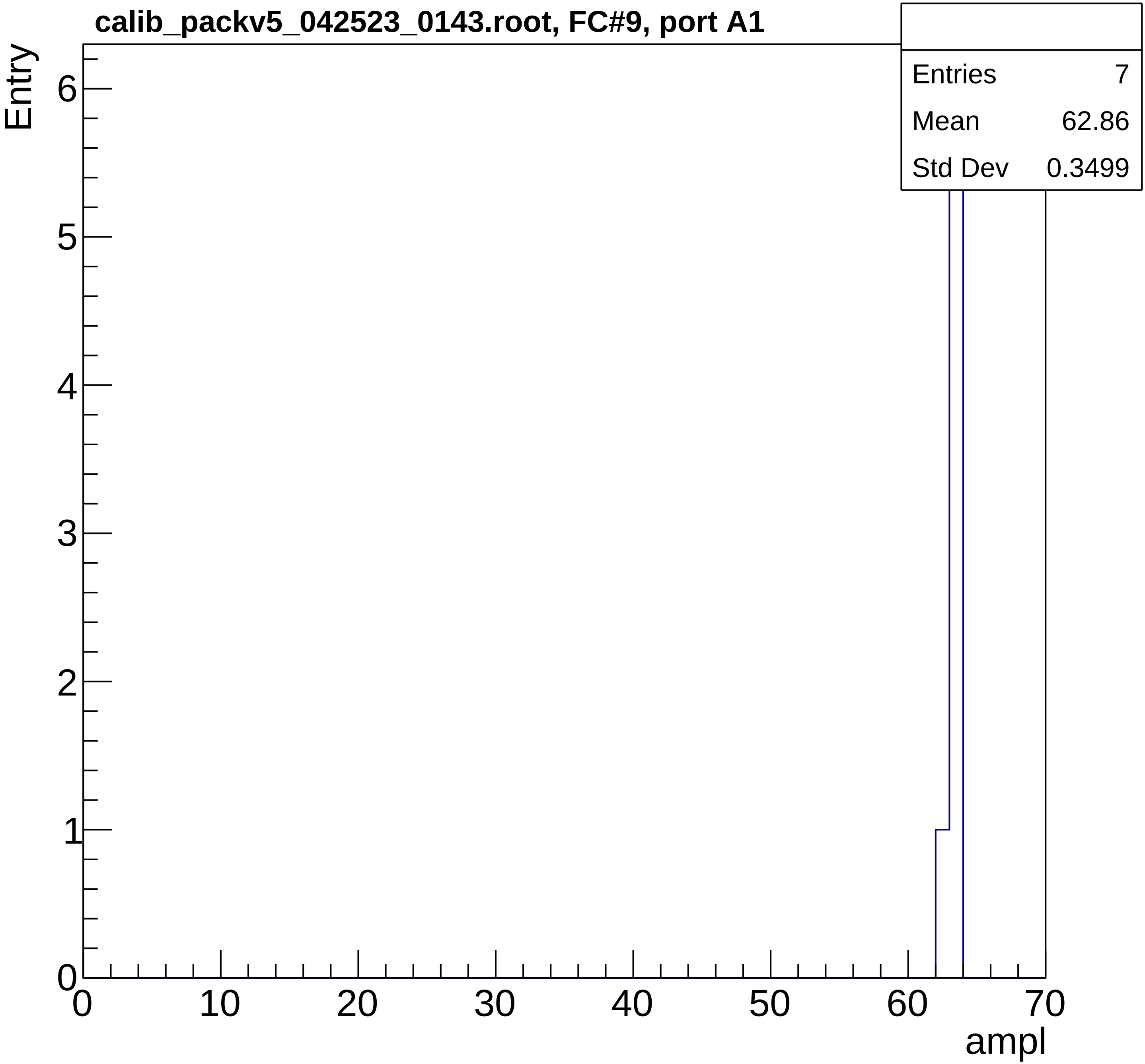
B0L001S, U21-ch102, adc4

calib_packv5_042523_0143.root, FC#9, port A1



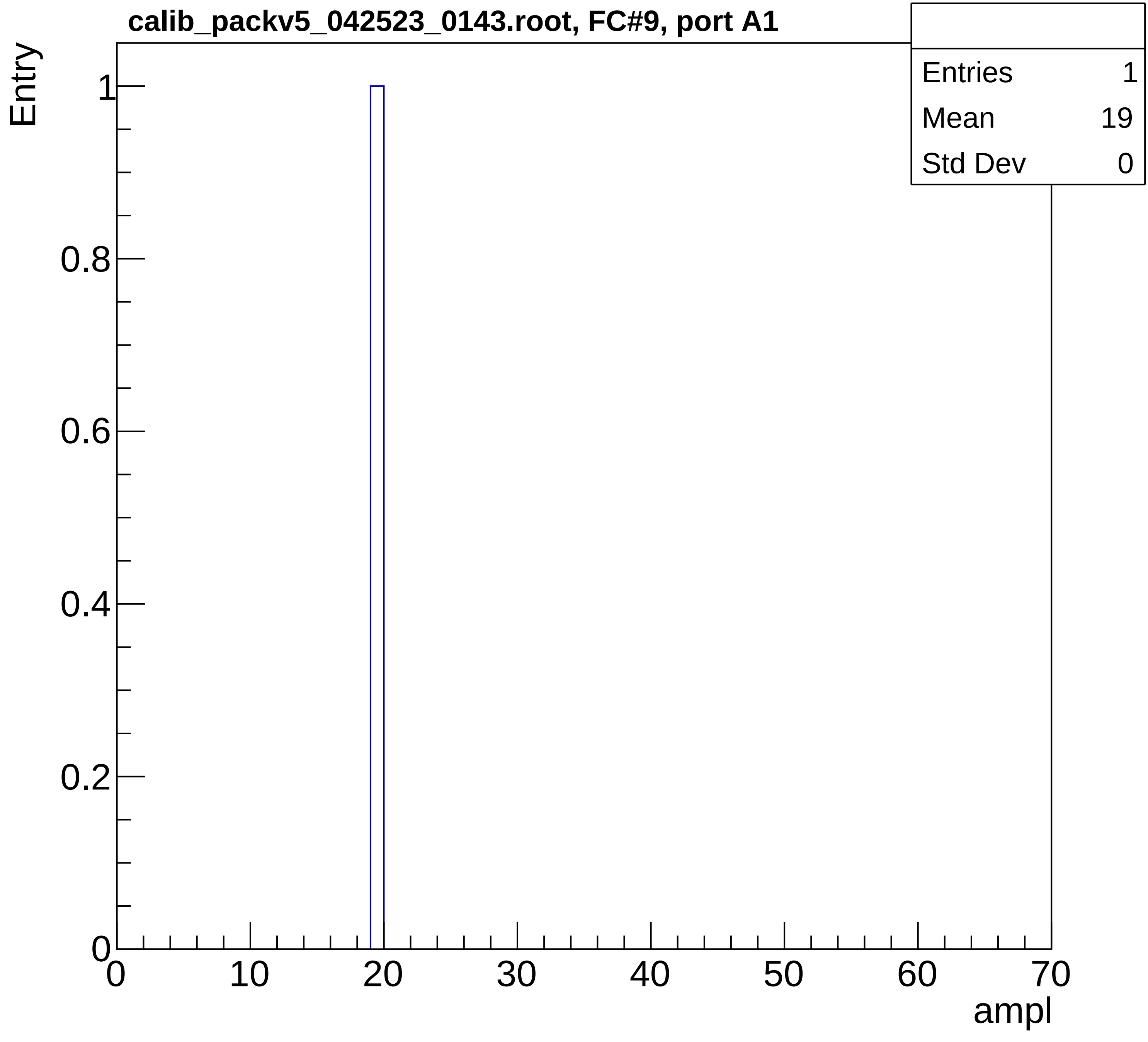

B0L001S, U21-ch102, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 58.51
Std Dev 9.089
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

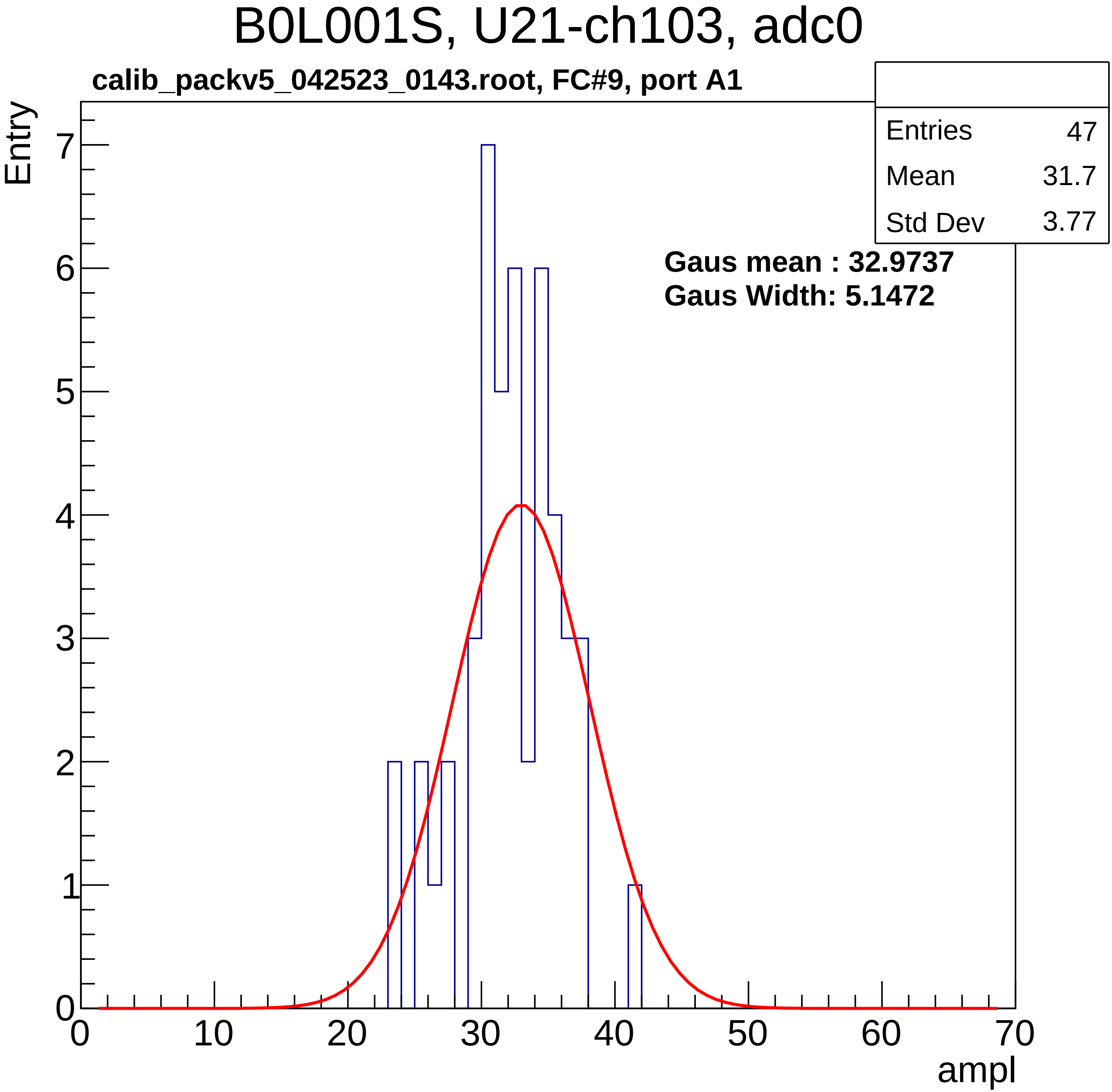
B0L001S, U21-ch102, adc6



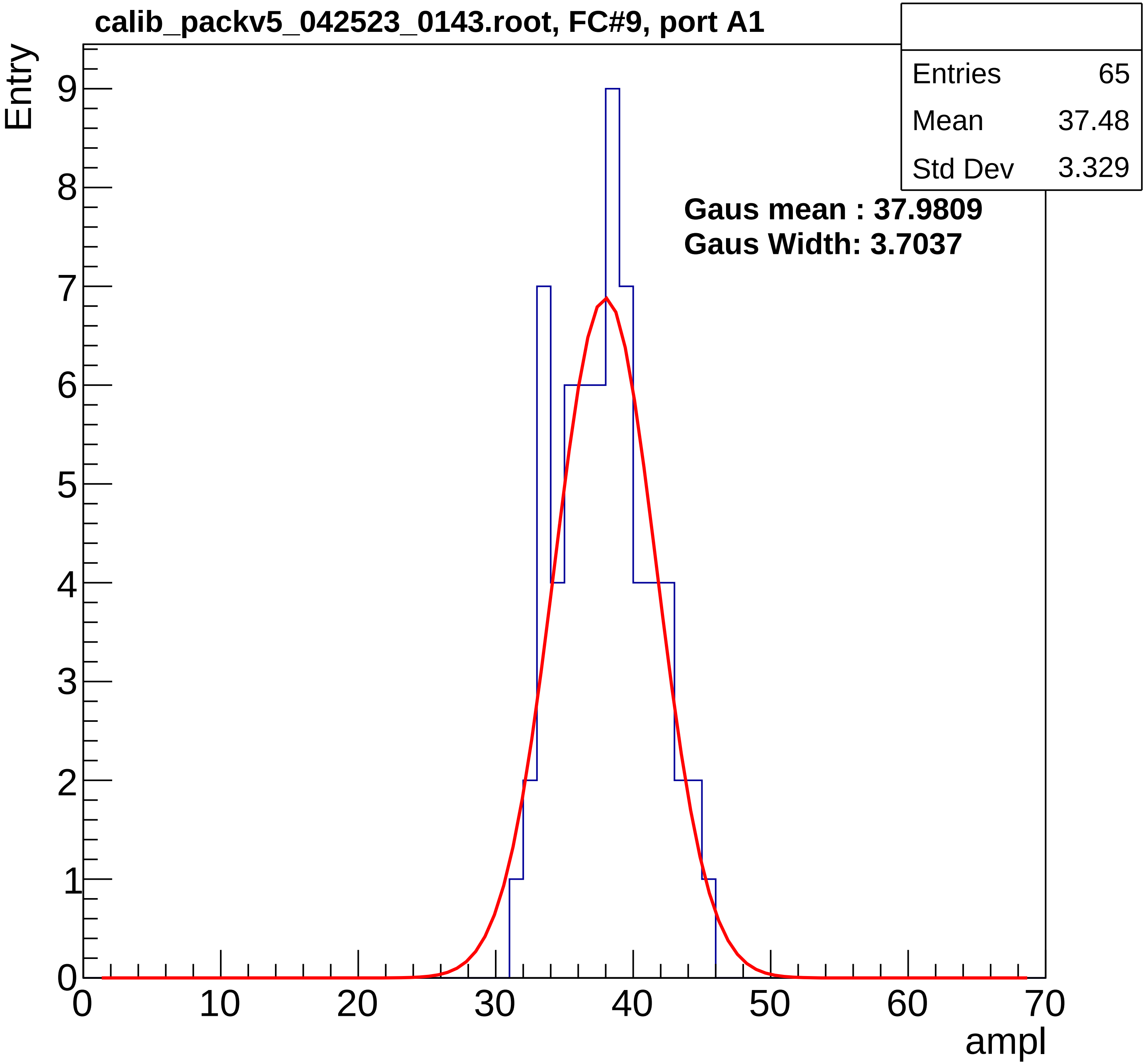
B0L001S, U21-ch102, adc7

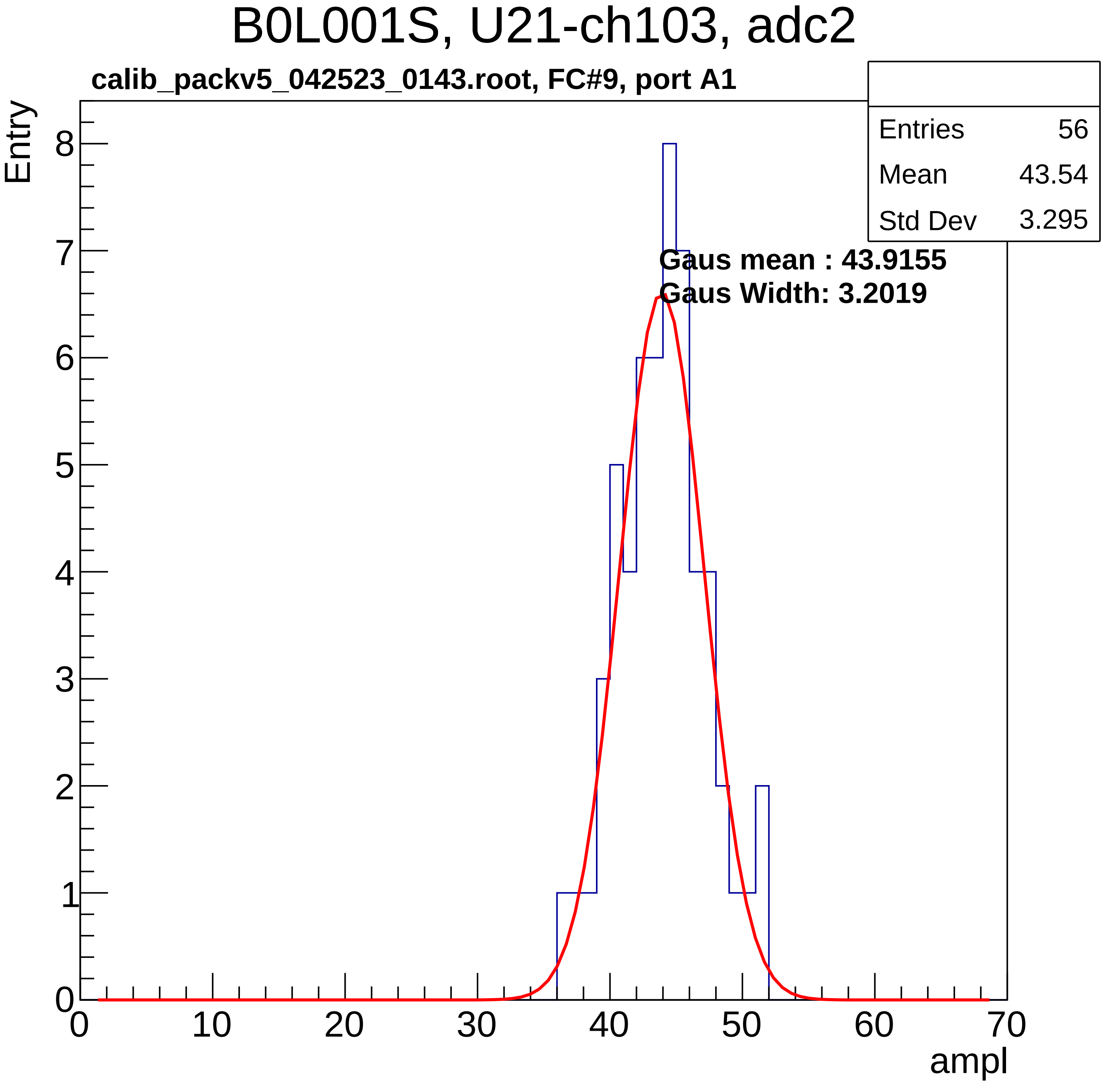
calib_packv5_042523_0143.root, FC#9, port A1



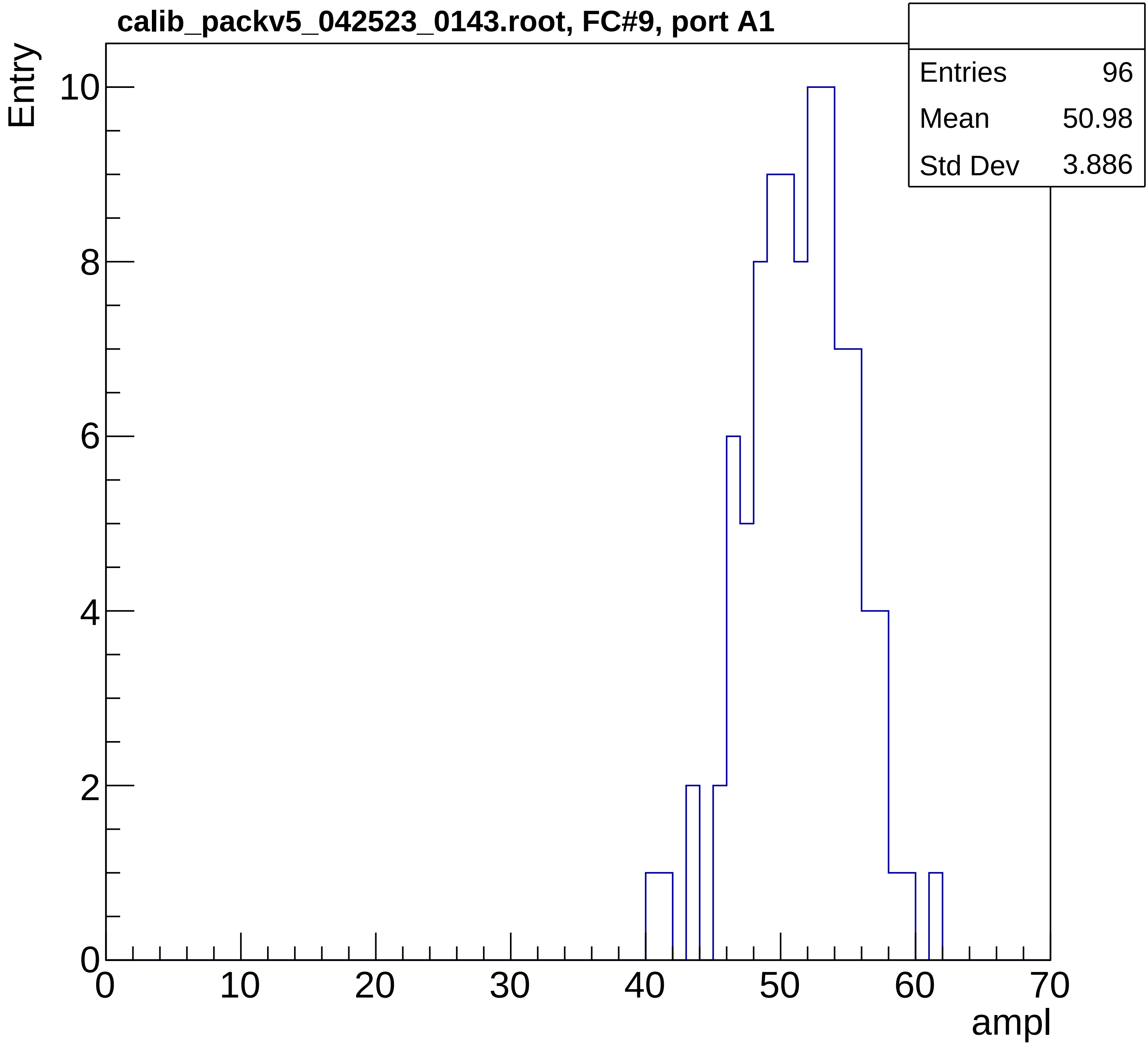

B0L001S, U21-ch103, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 31.7
Std Dev 3.77
Gaus mean : 32.9737
Gaus Width: 5.1472
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

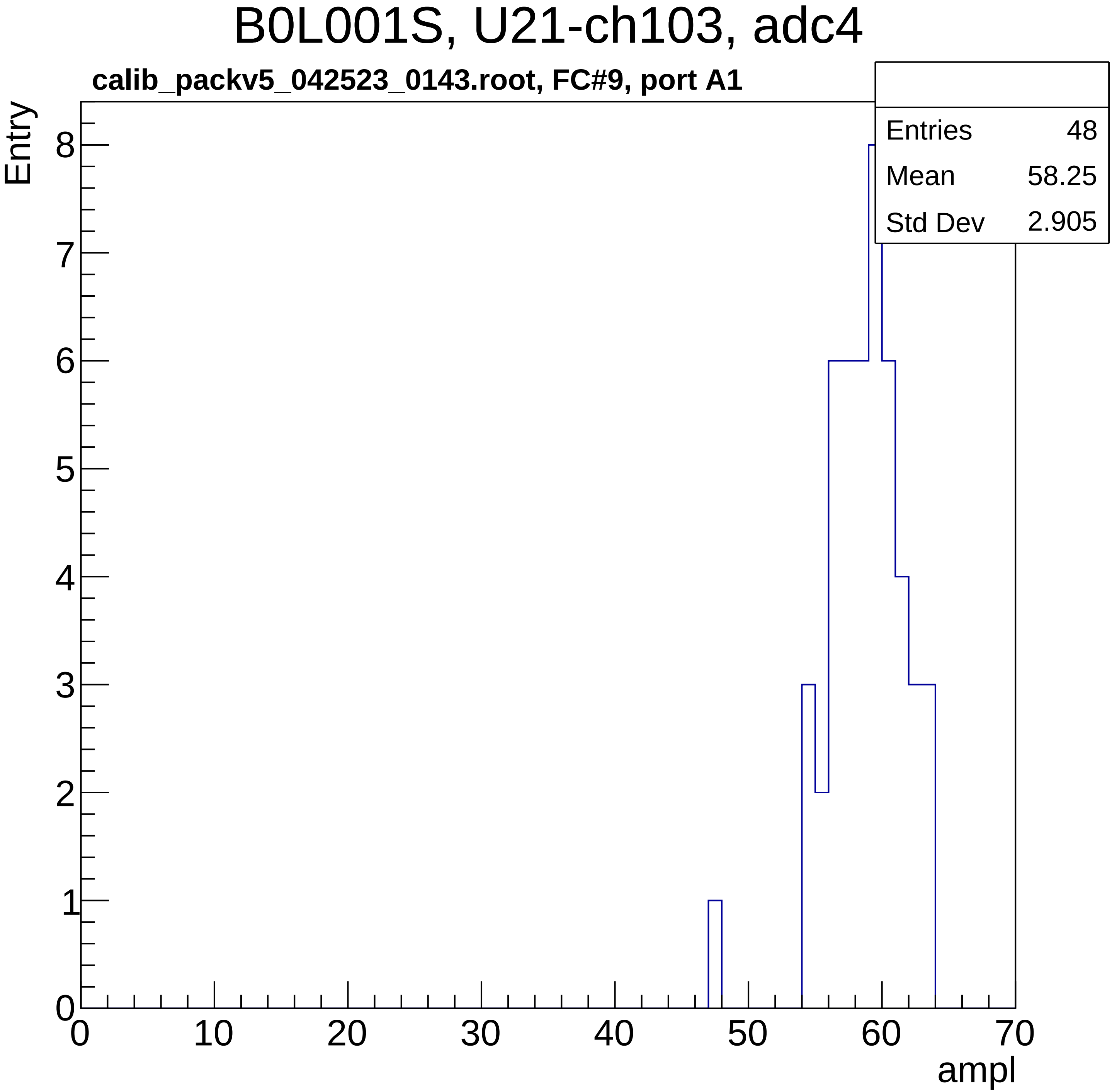
B0L001S, U21-ch103, adc1

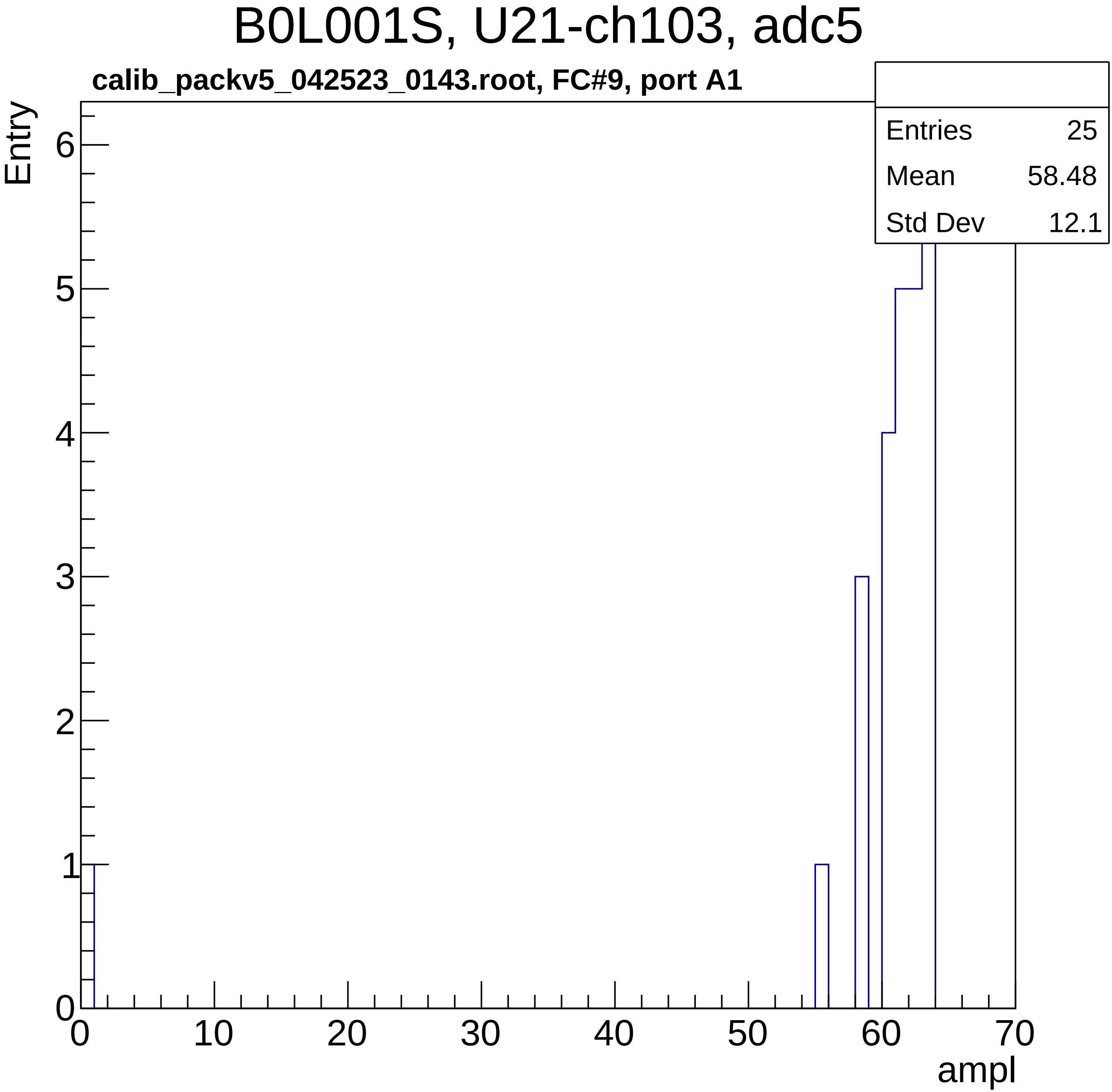


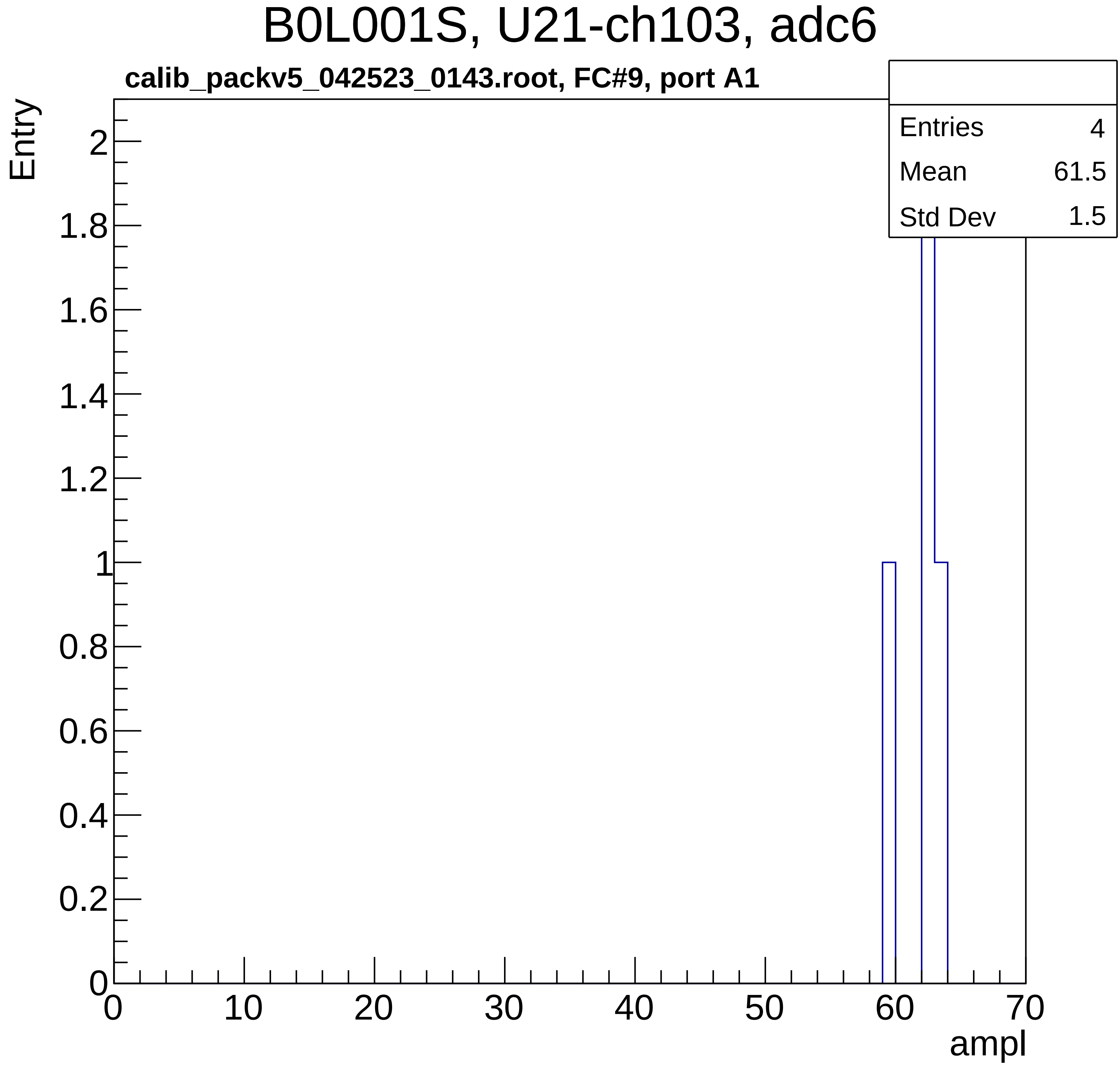

B0L001S, U21-ch103, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 43.54
Std Dev 3.295
Gaus mean : 43.9155
Gaus Width: 3.2019
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

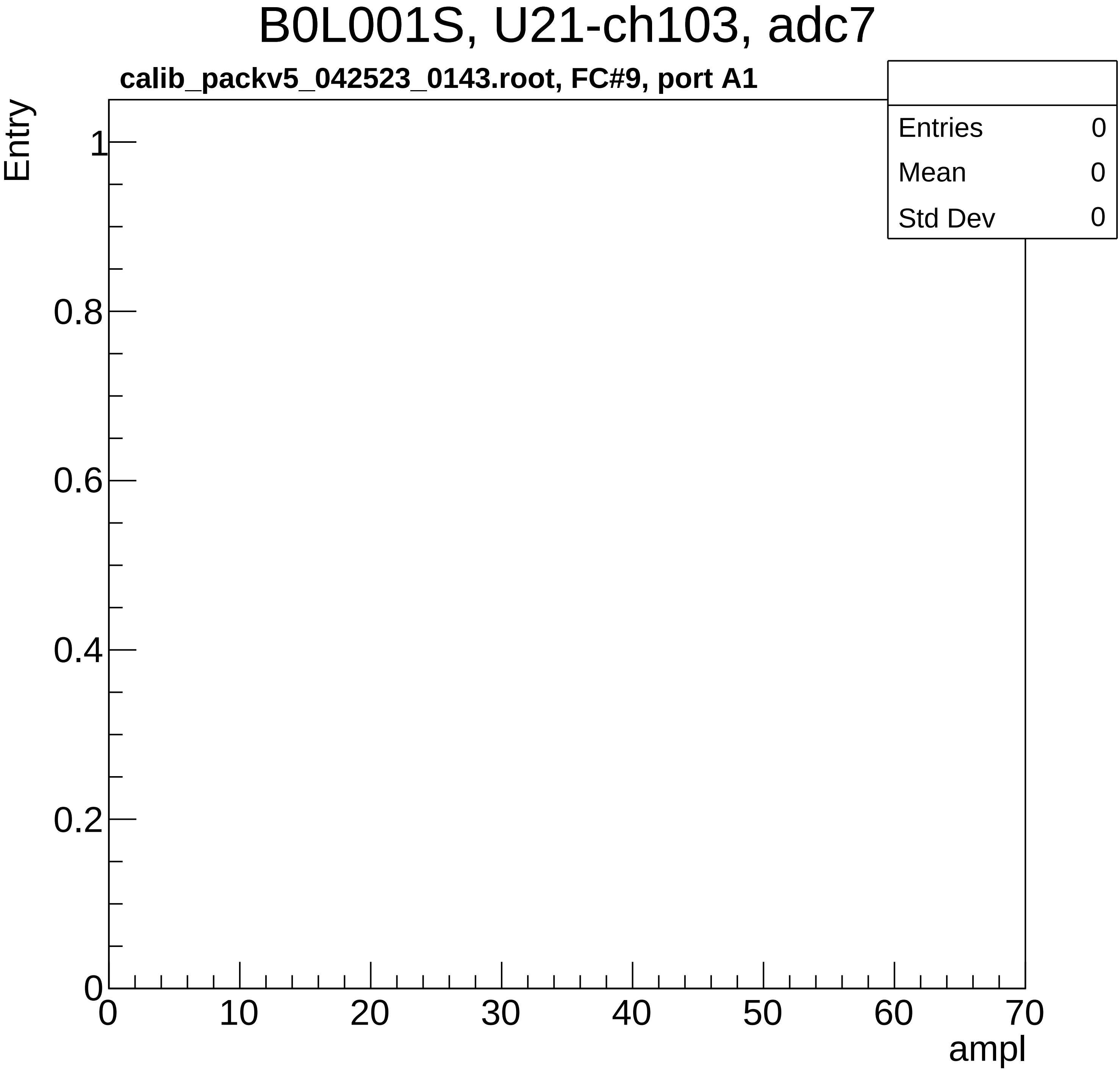
B0L001S, U21-ch103, adc3

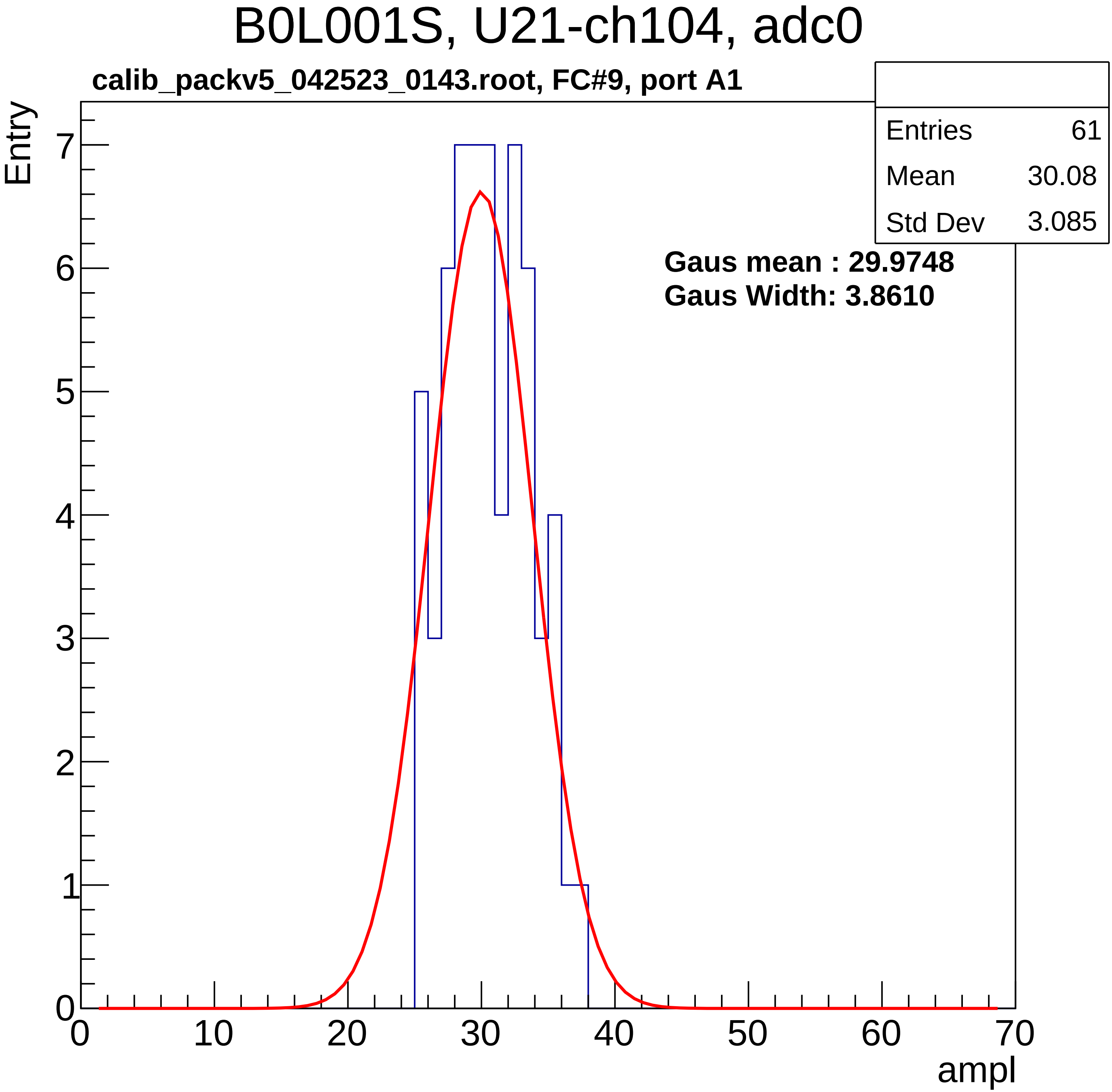


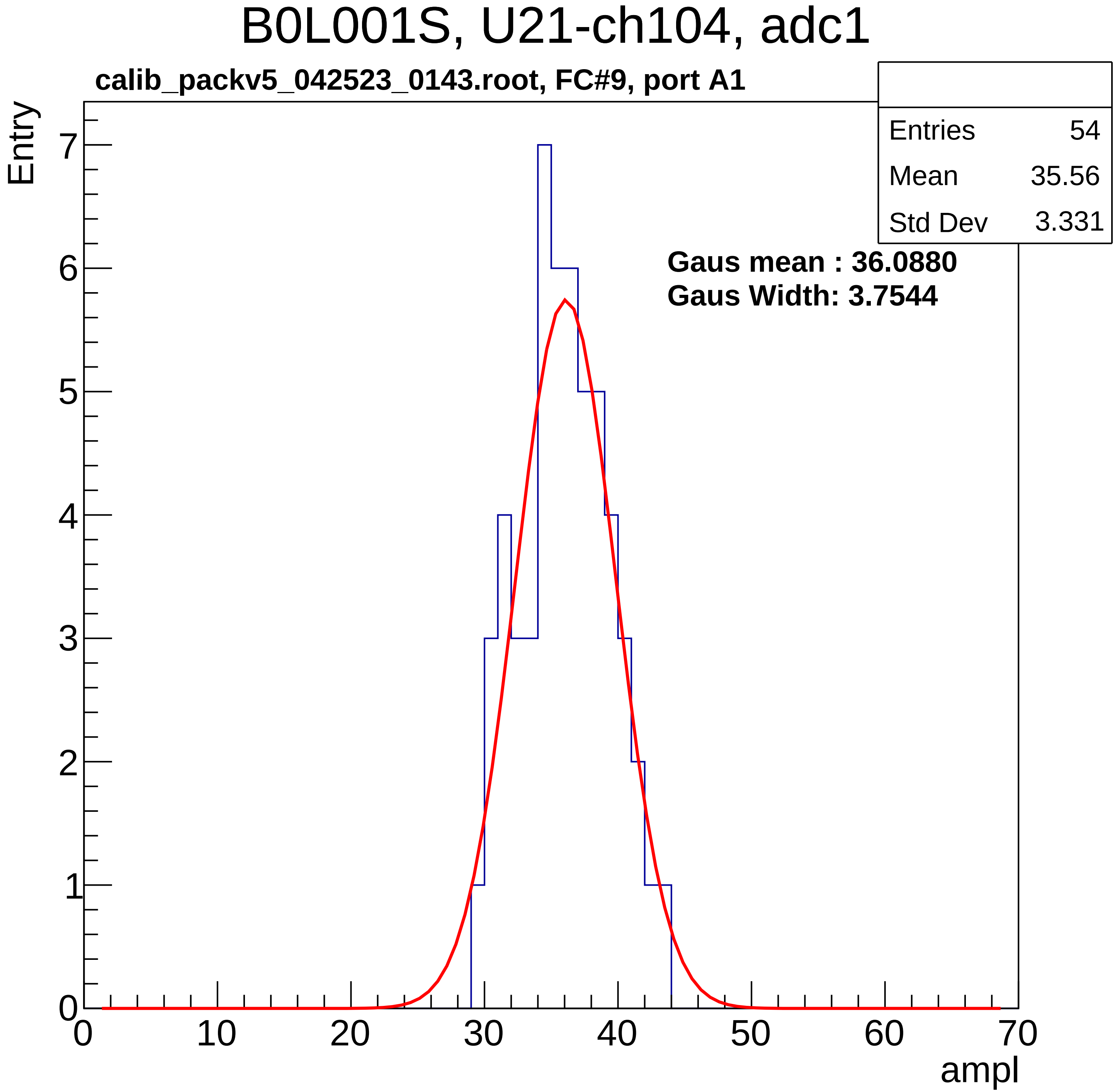

B0L001S, U21-ch103, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 58.25
Std Dev 2.905
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

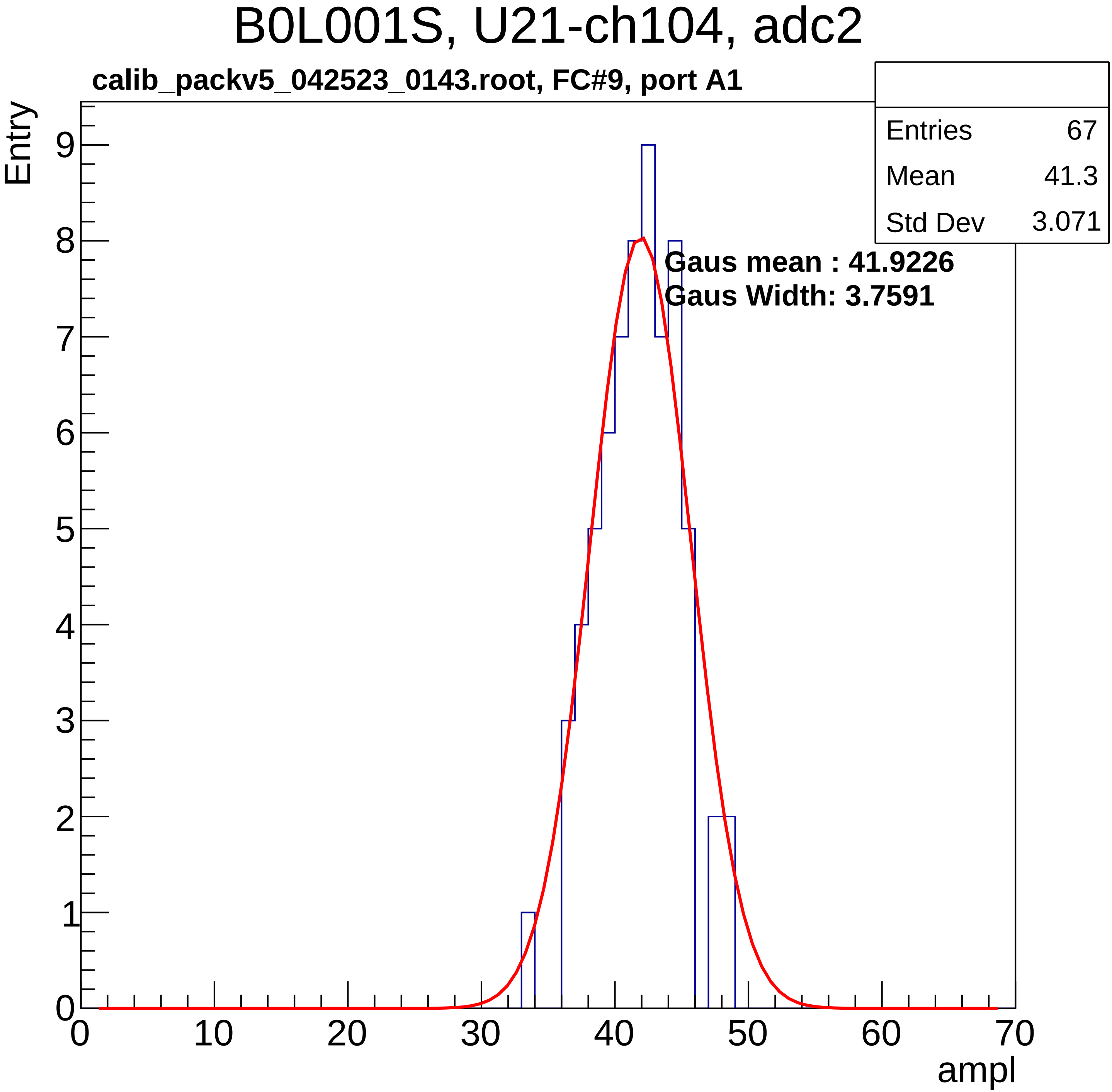

B0L001S, U21-ch103, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 25
Mean 58.48
Std Dev 12.1
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

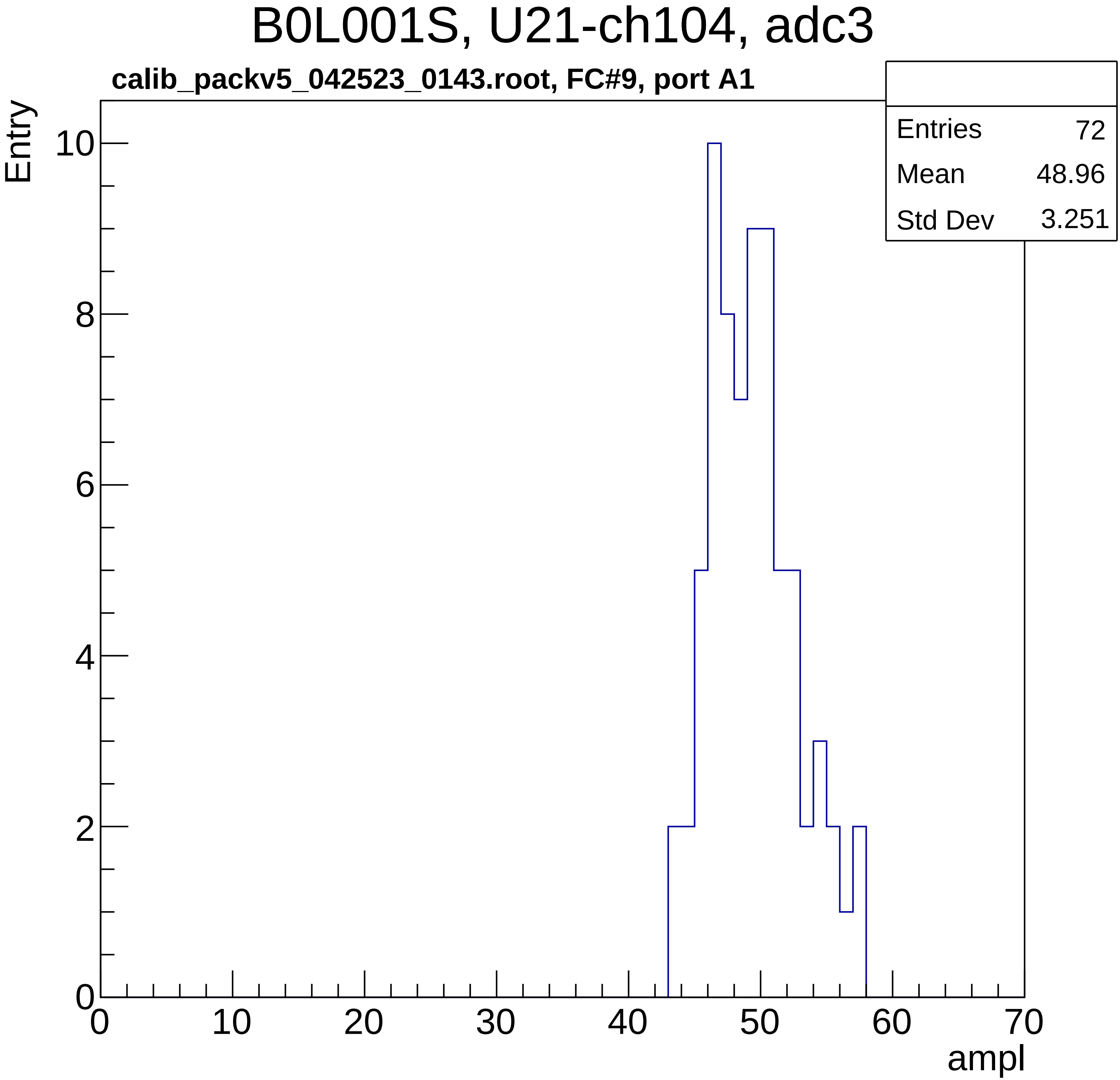

B0L001S, U21-ch103, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 61.5
Std Dev 1.5
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

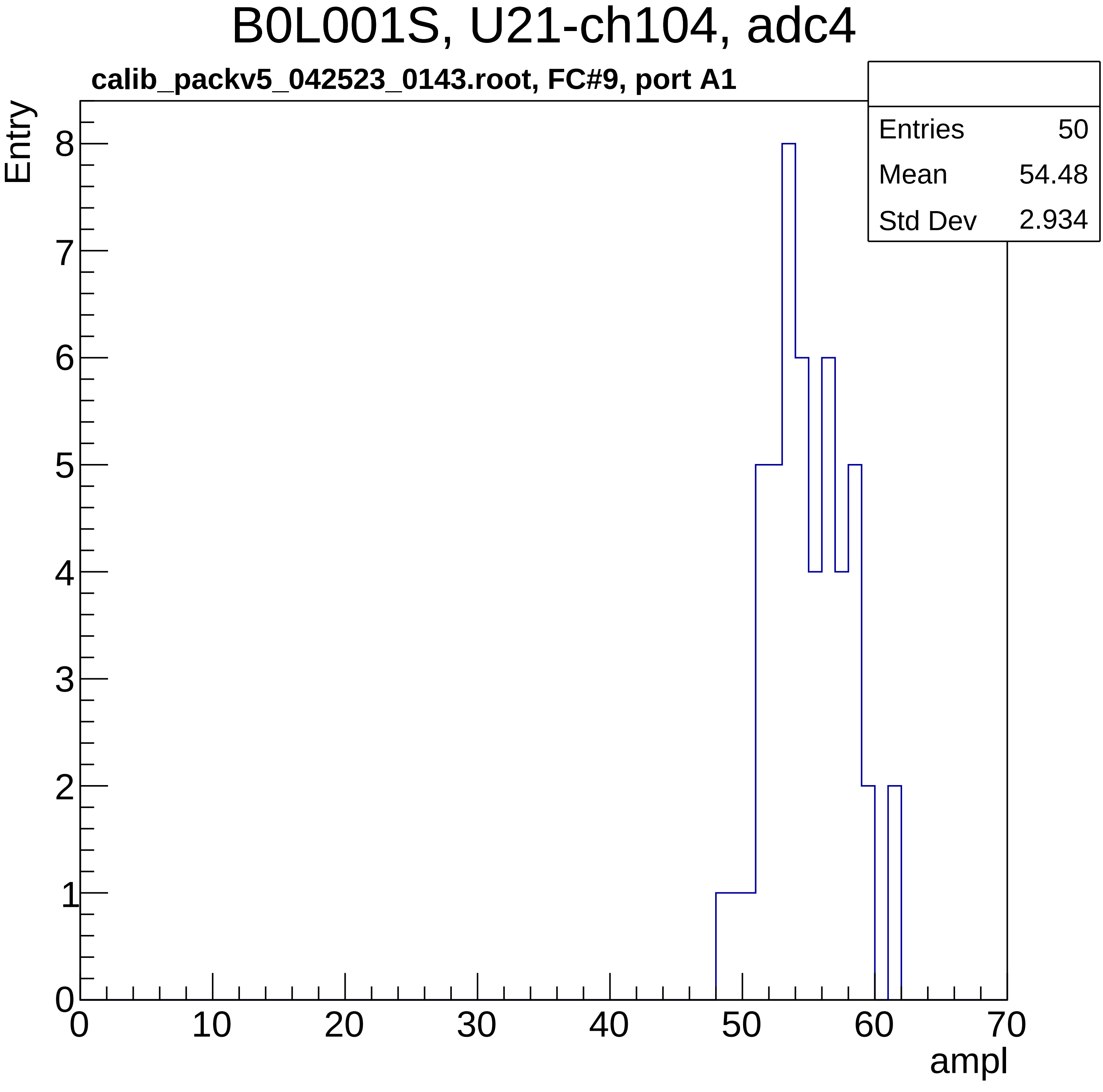

B0L001S, U21-ch103, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B0L001S, U21-ch104, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 61
Mean 30.08
Std Dev 3.085
Gaus mean : 29.9748
Gaus Width: 3.8610
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

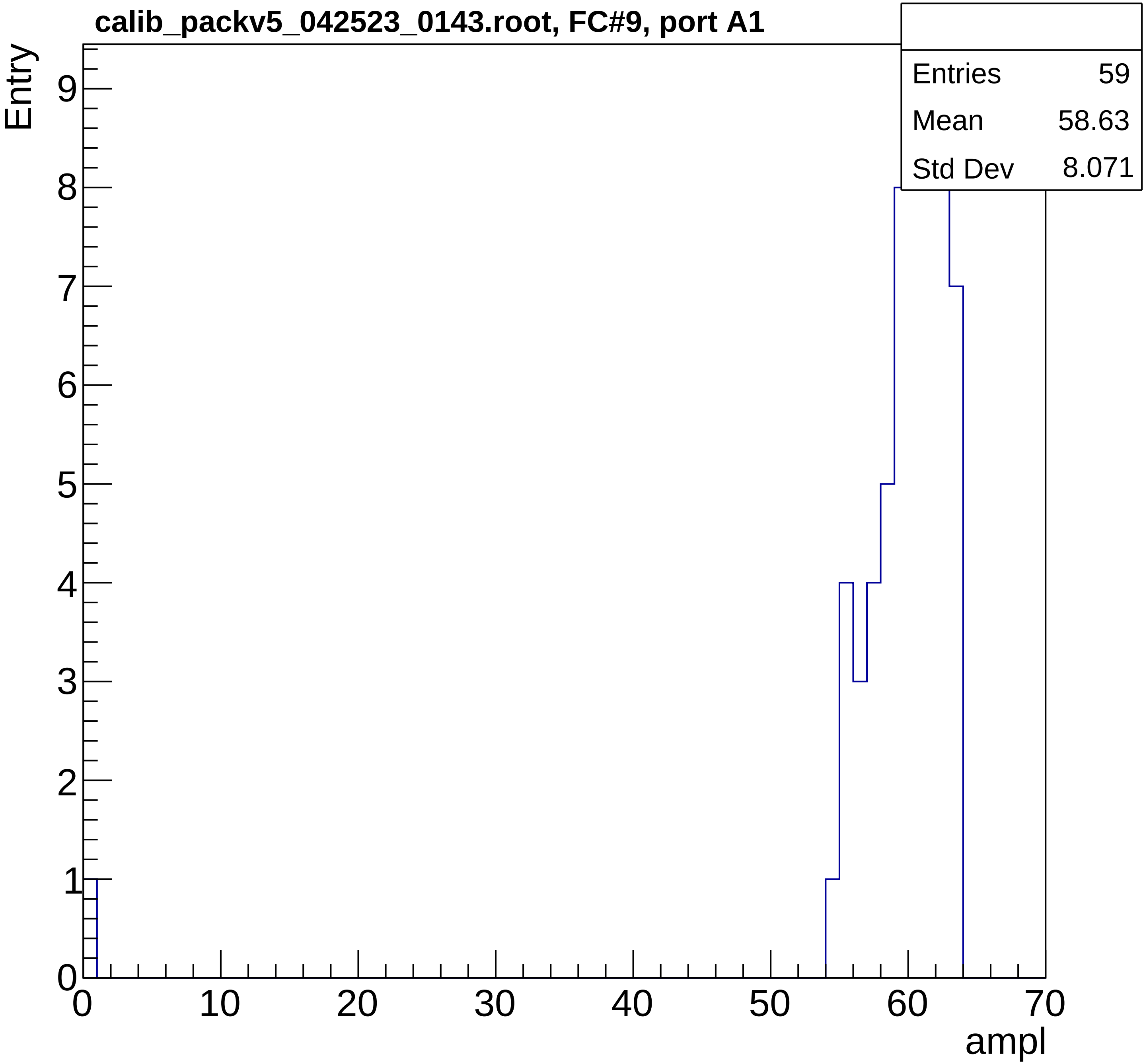

B0L001S, U21-ch104, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 54
Mean 35.56
Std Dev 3.331
Gaus mean : 36.0880
Gaus Width: 3.7544
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

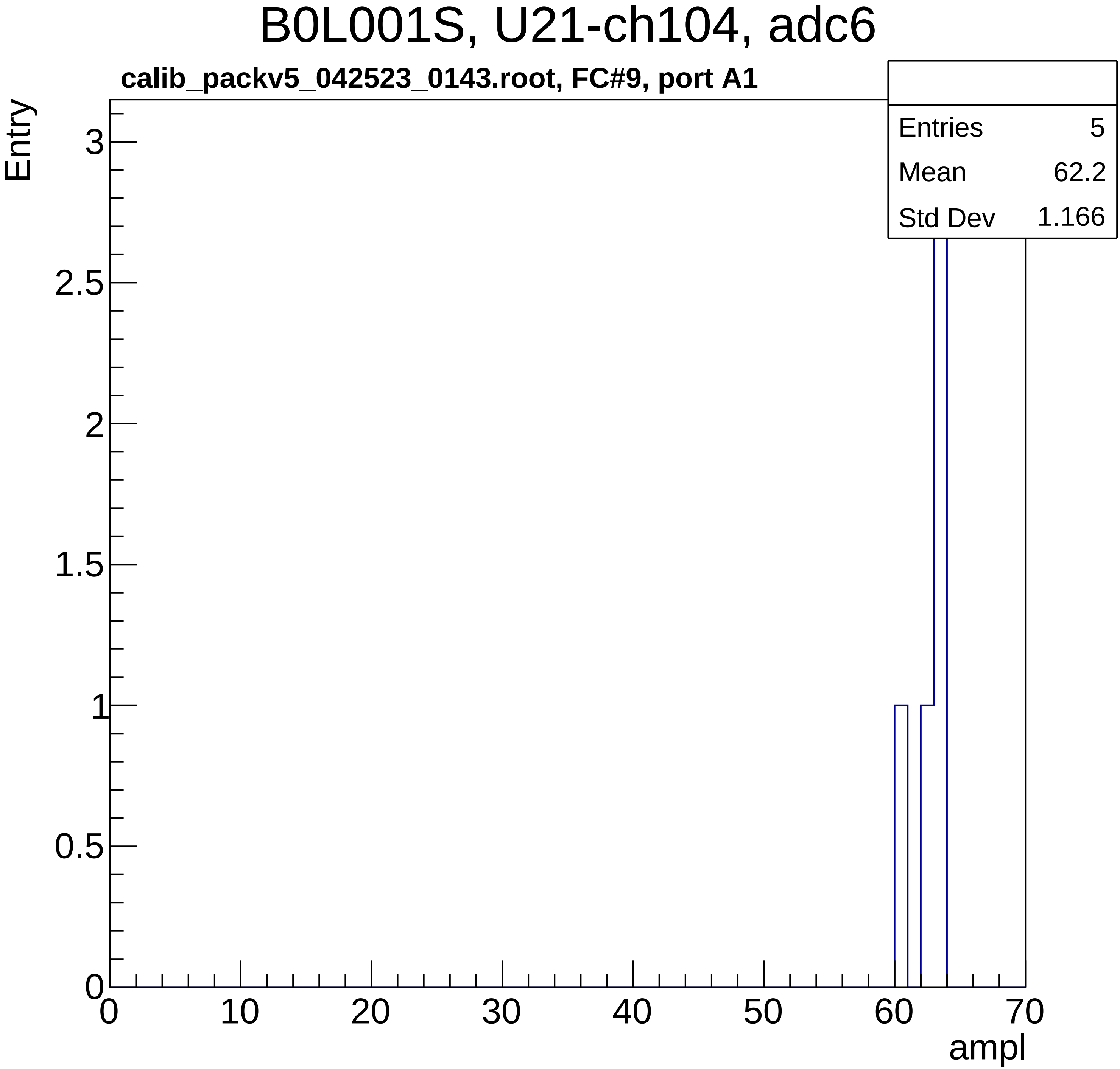

B0L001S, U21-ch104, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 41.3
Std Dev 3.071
Gaus mean : 41.9226
Gaus Width: 3.7591
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

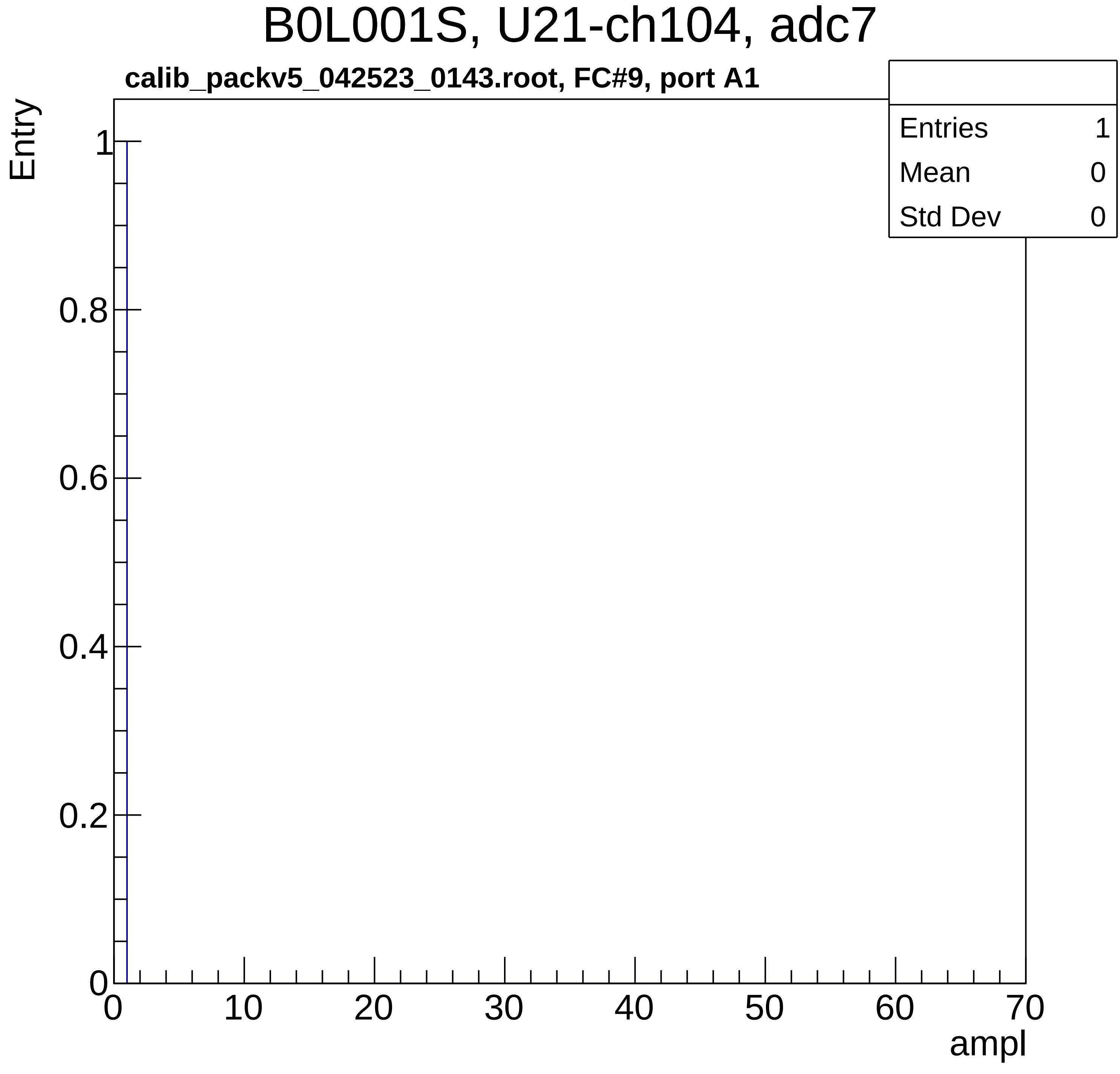

B0L001S, U21-ch104, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 48.96
Std Dev 3.251
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

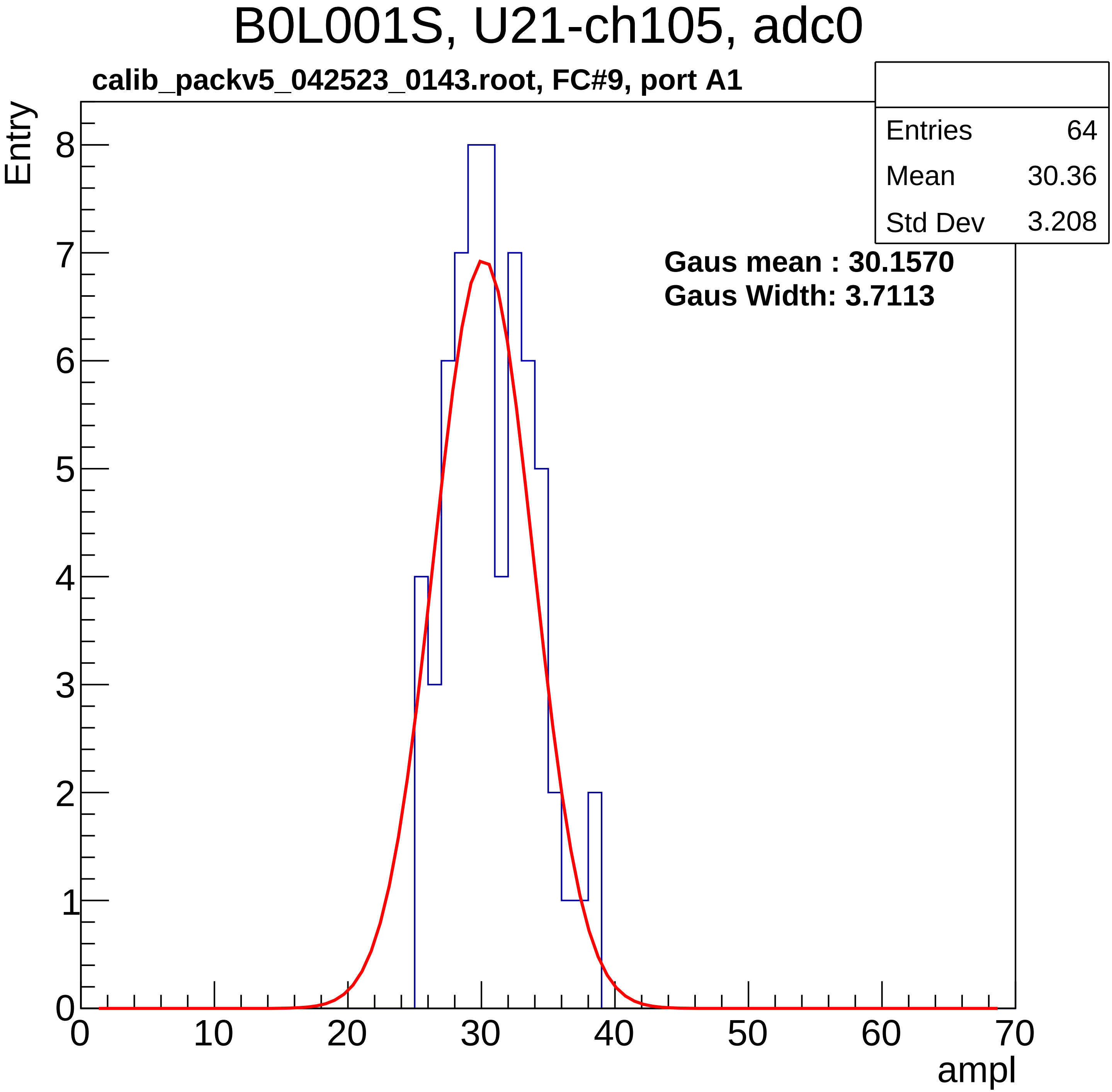

B0L001S, U21-ch104, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 54.48
Std Dev 2.934
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

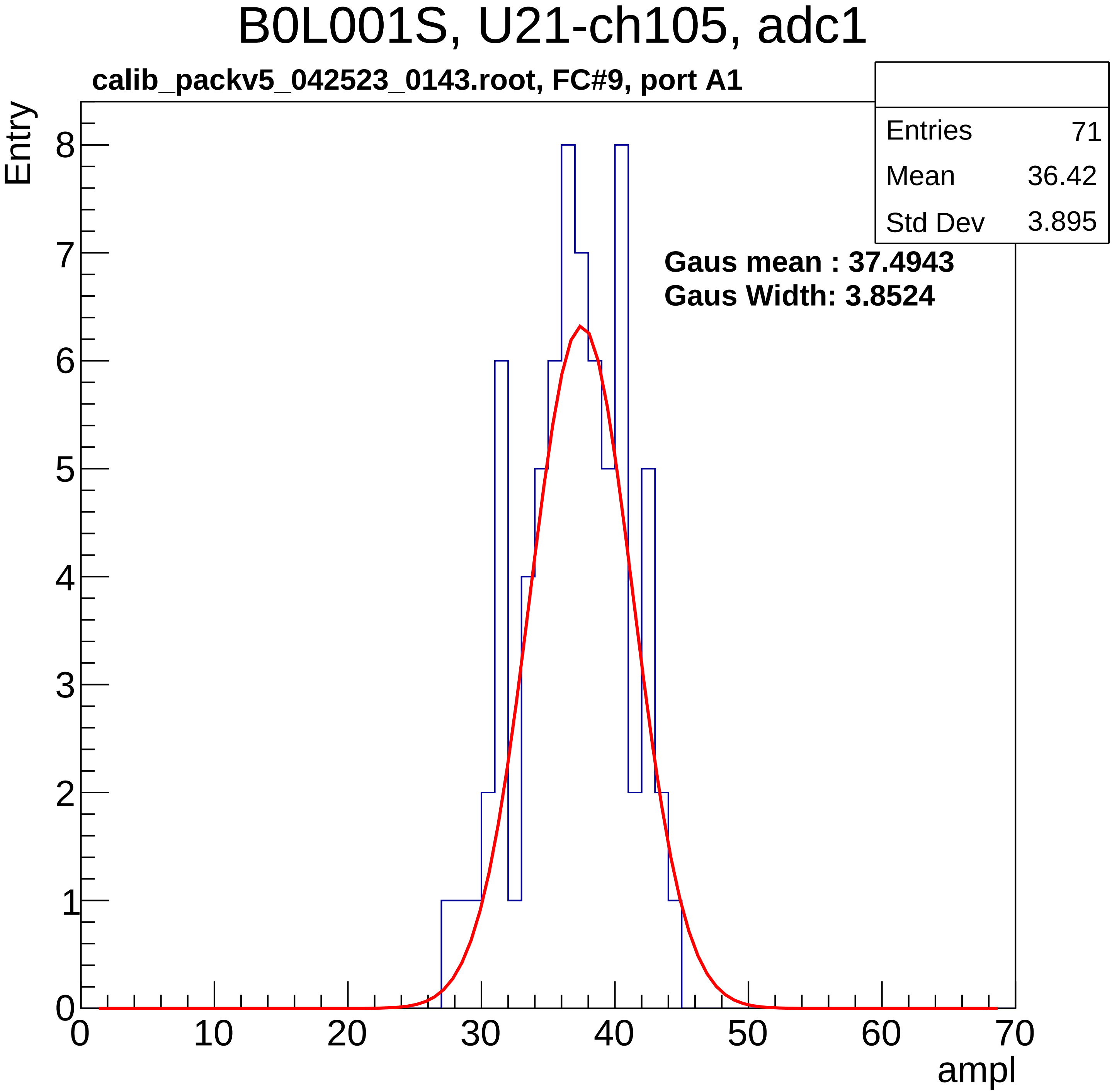
B0L001S, U21-ch104, adc5

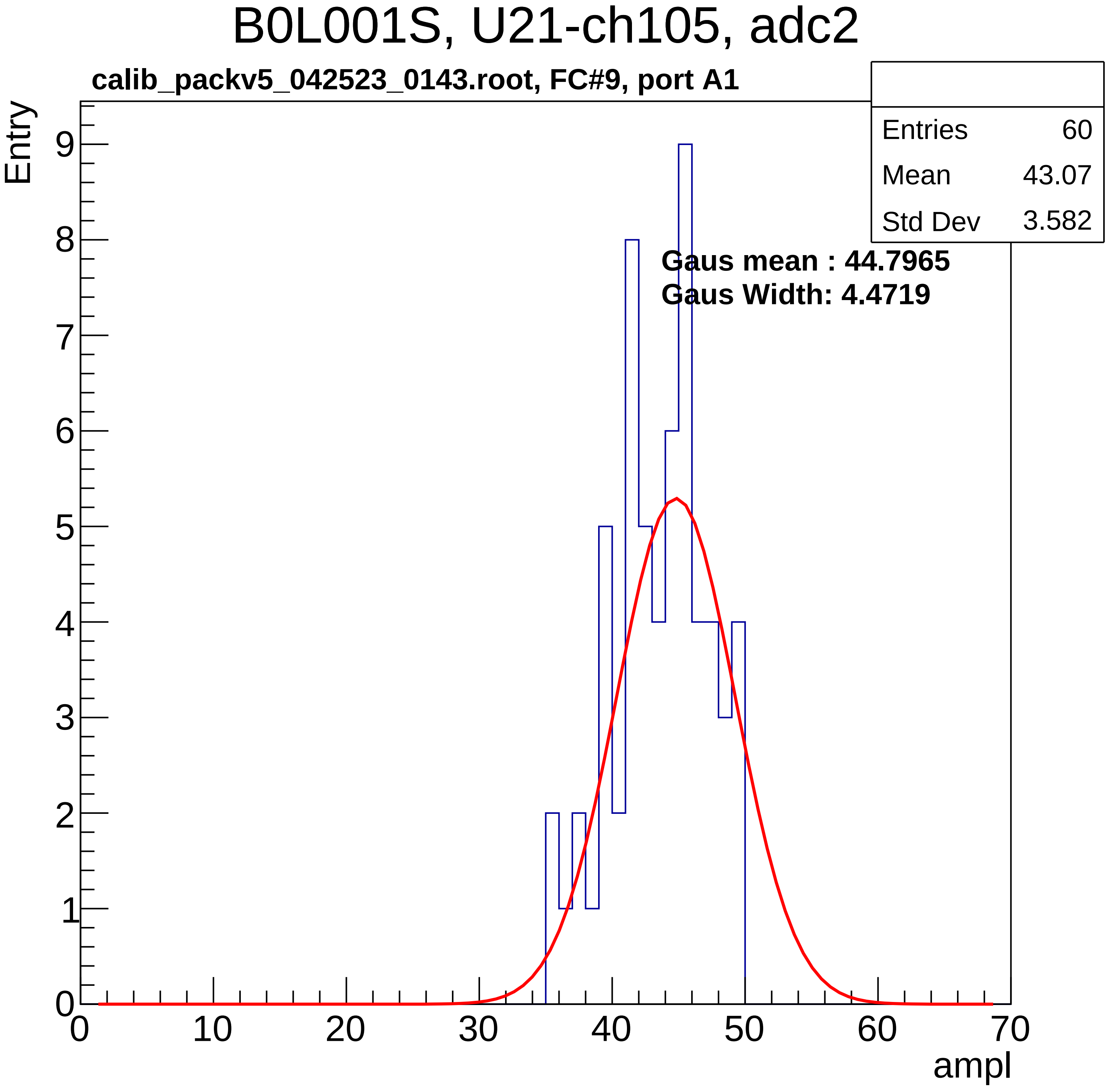


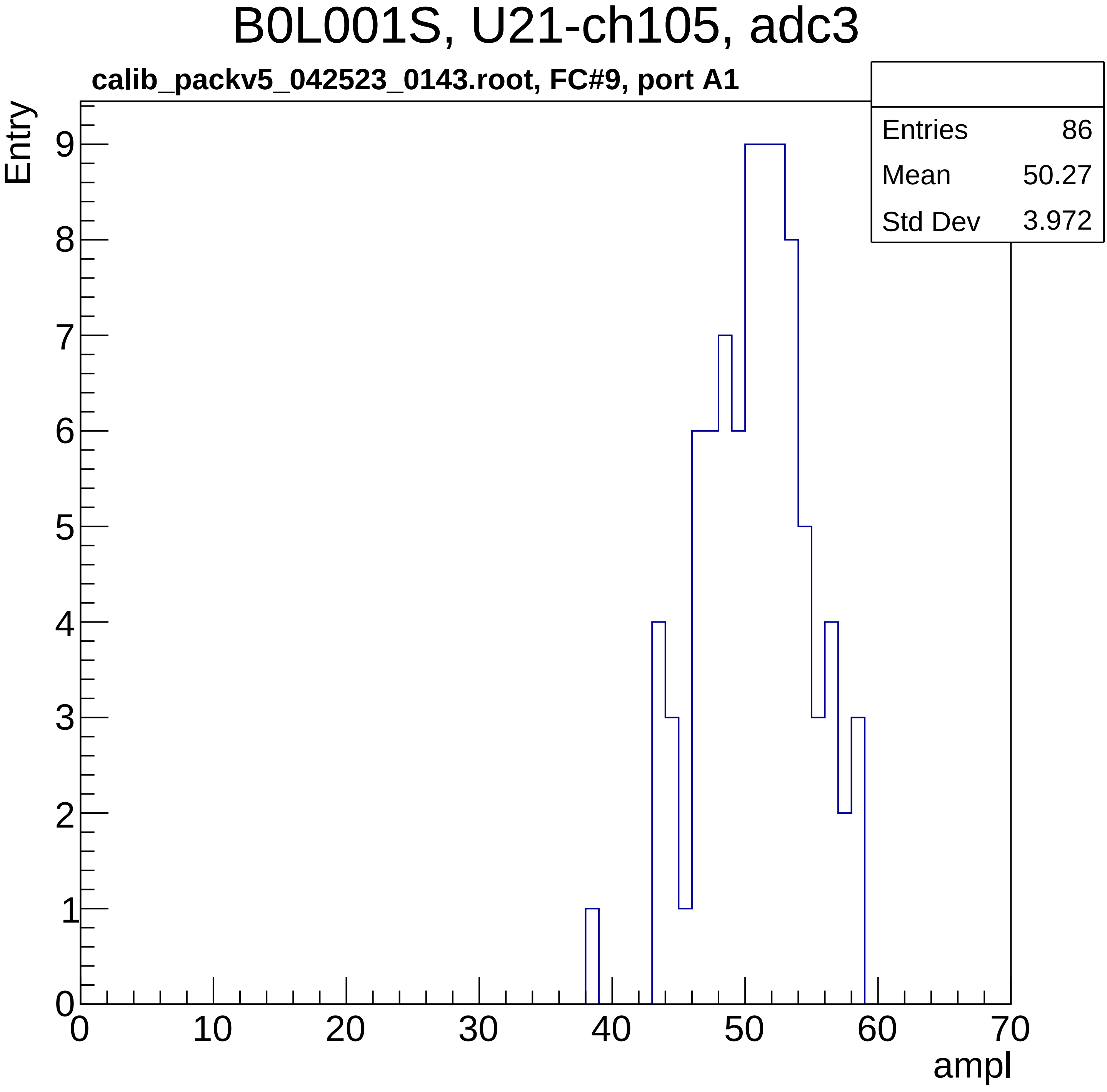

B0L001S, U21-ch104, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 62.2
Std Dev 1.166
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

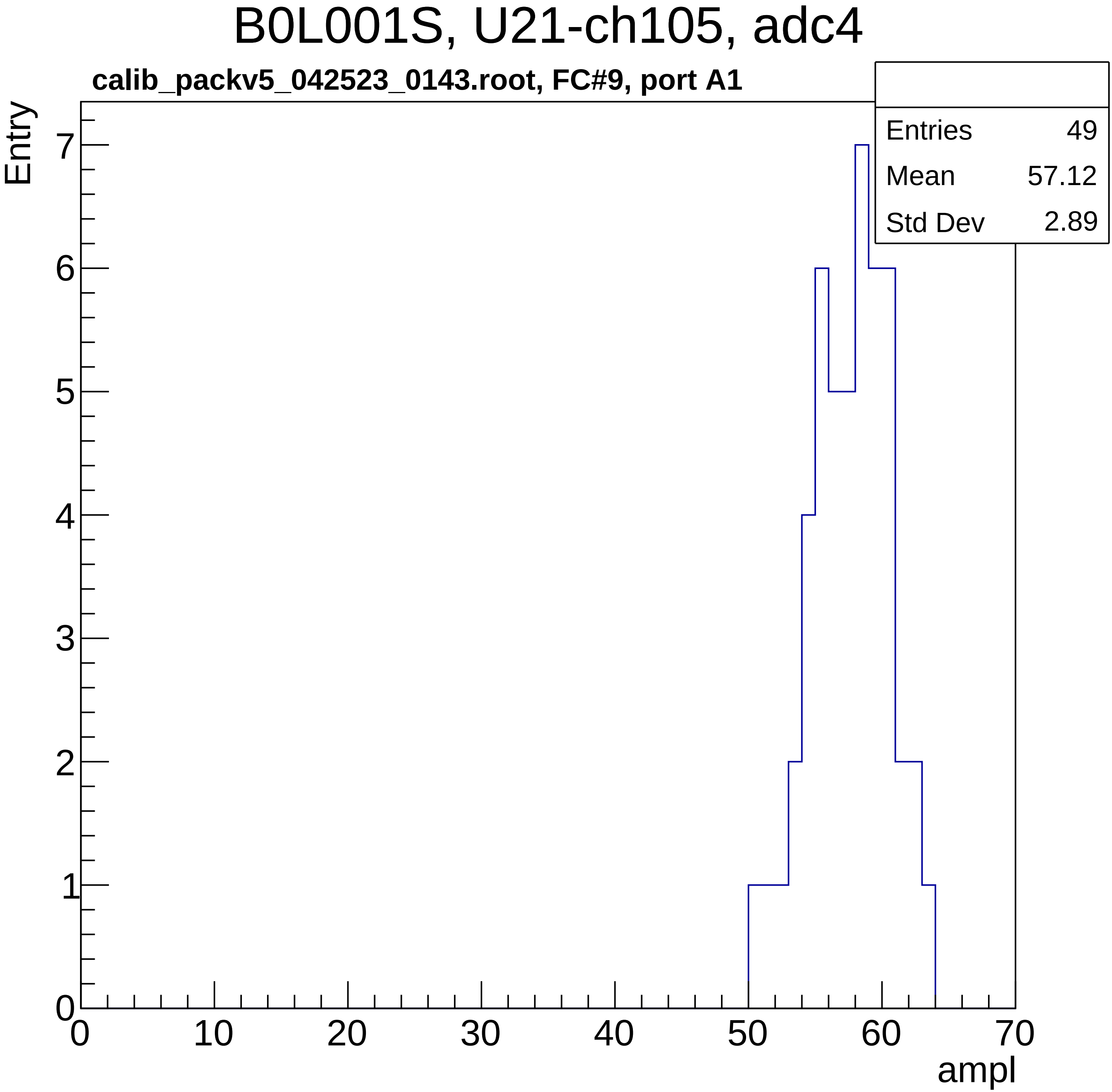

B0L001S, U21-ch104, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch105, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 30.36
Std Dev 3.208
Gaus mean : 30.1570
Gaus Width: 3.7113
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch105, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 36.42
Std Dev 3.895
Gaus mean : 37.4943
Gaus Width: 3.8524
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

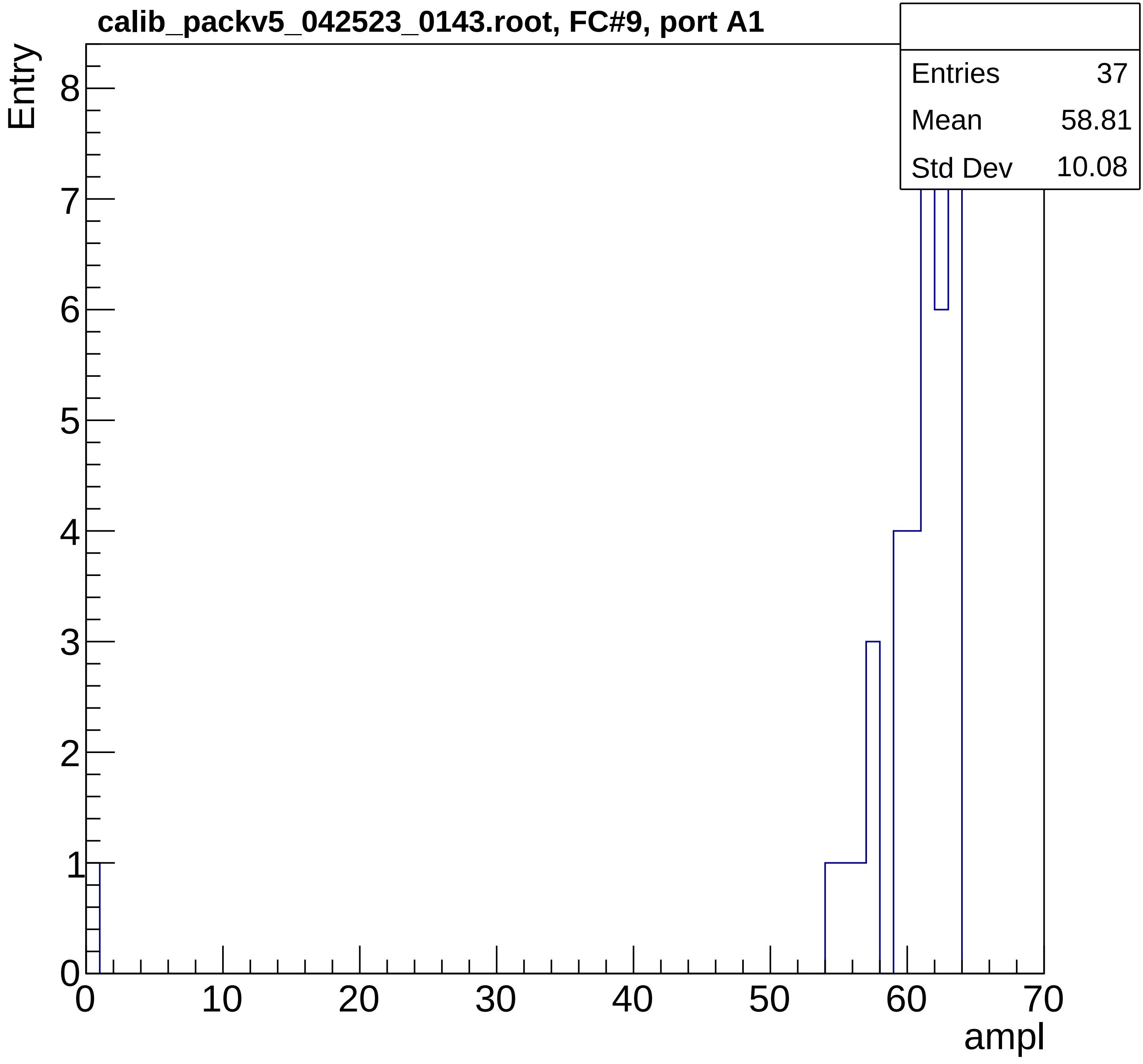

B0L001S, U21-ch105, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 43.07
Std Dev 3.582
Gaus mean : 44.7965
Gaus Width: 4.4719
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

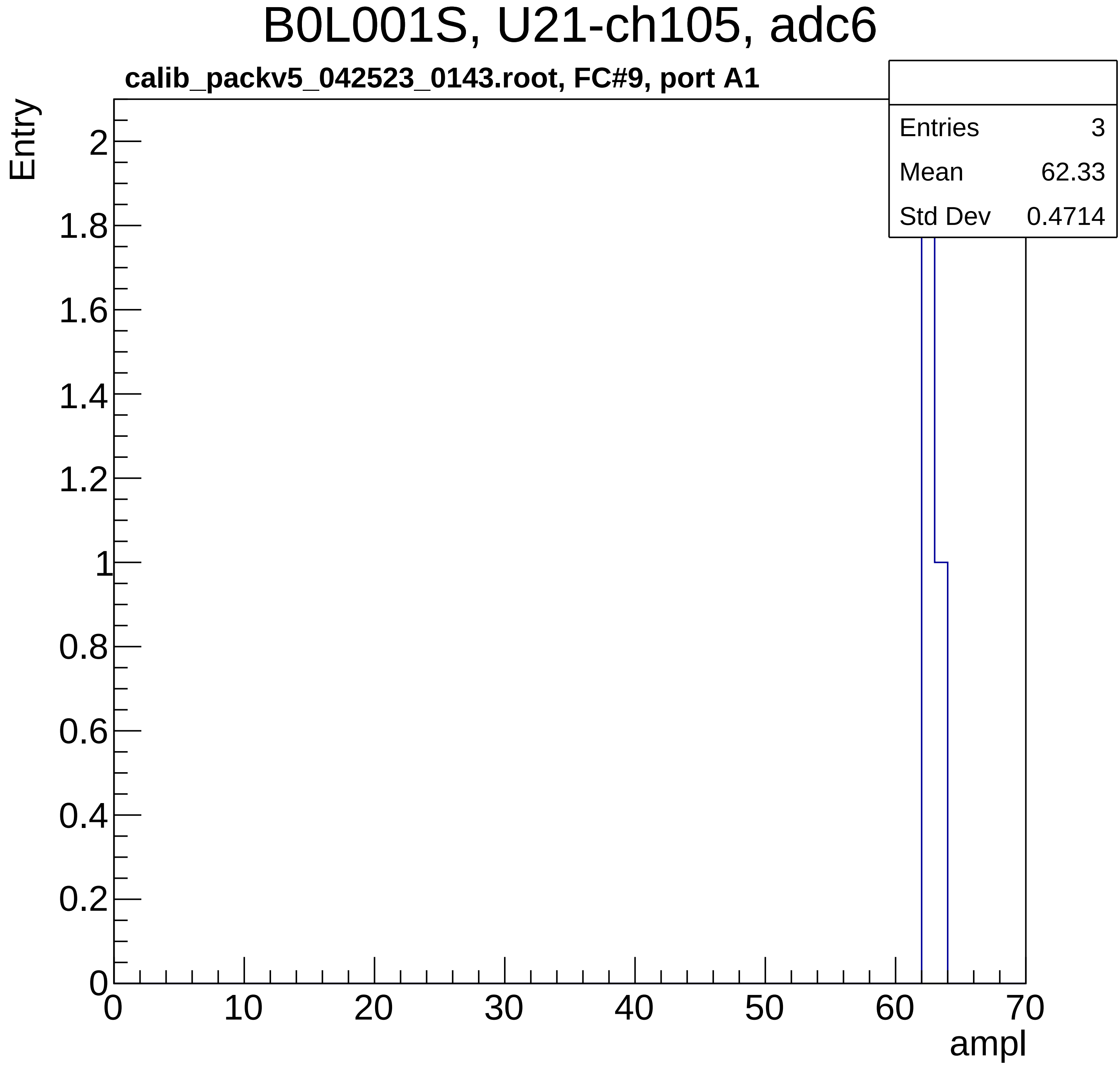

B0L001S, U21-ch105, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 86
Mean 50.27
Std Dev 3.972
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch105, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 57.12
Std Dev 2.89
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

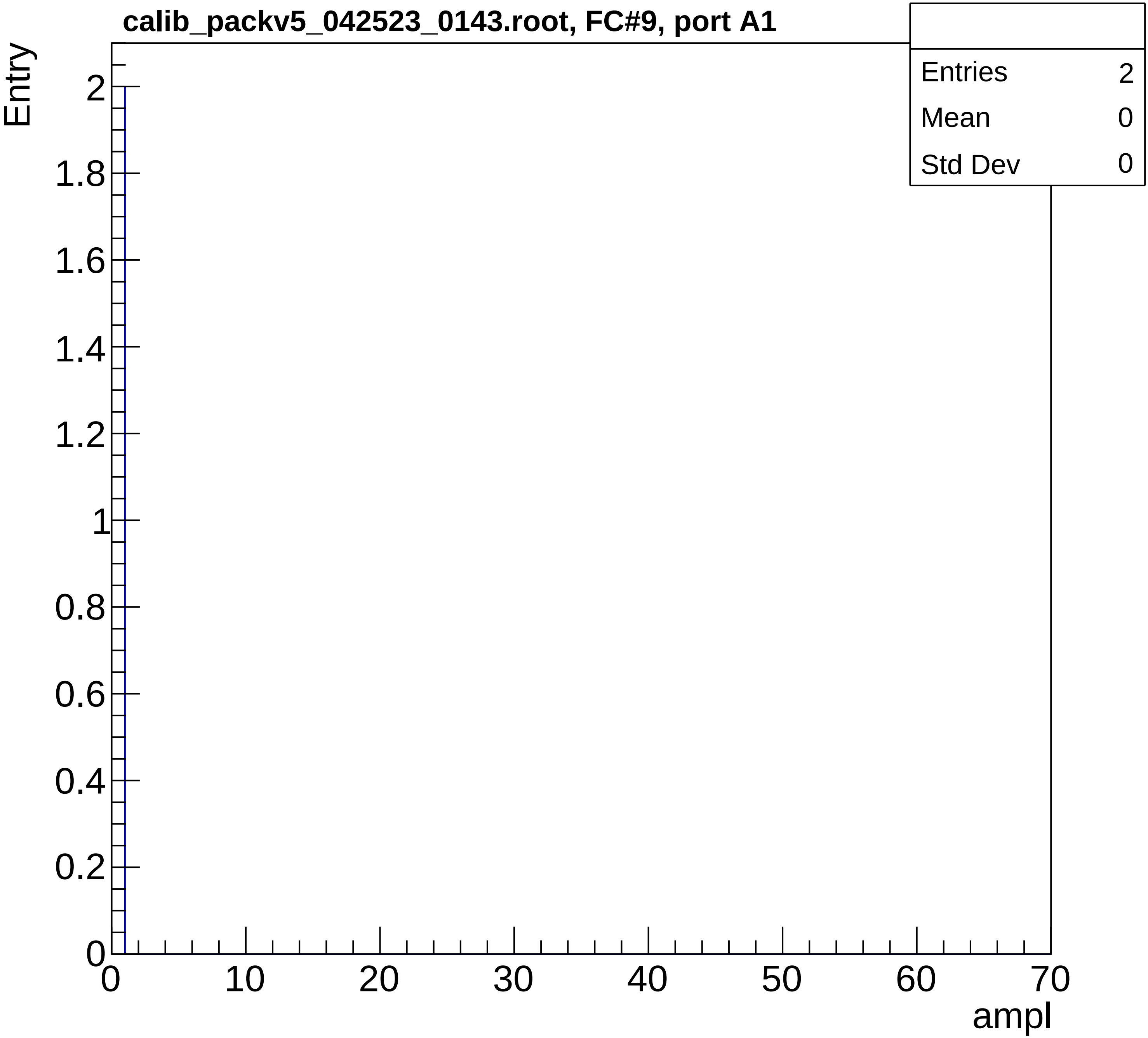
B0L001S, U21-ch105, adc5

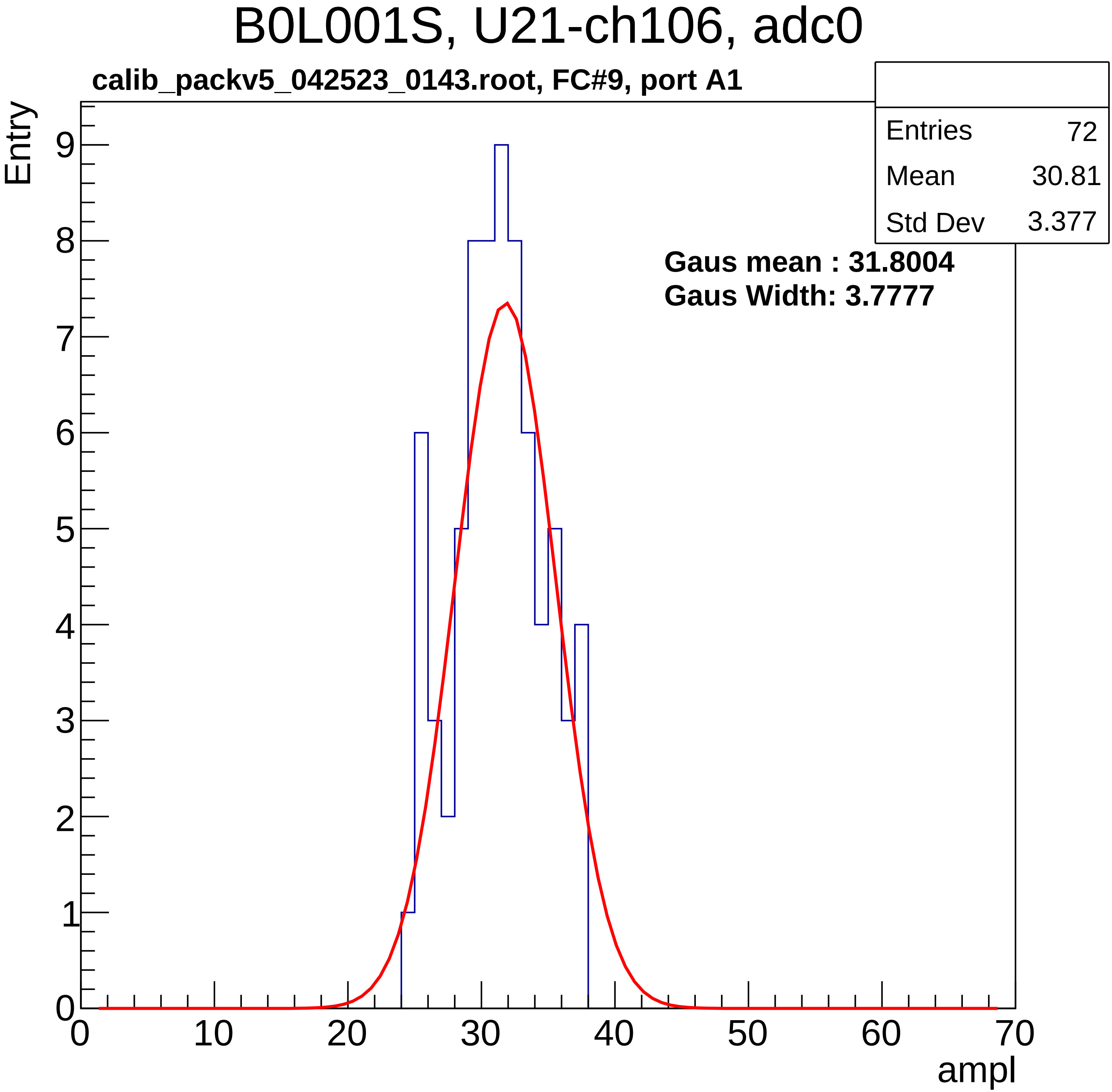
calib_packv5_042523_0143.root, FC#9, port A1



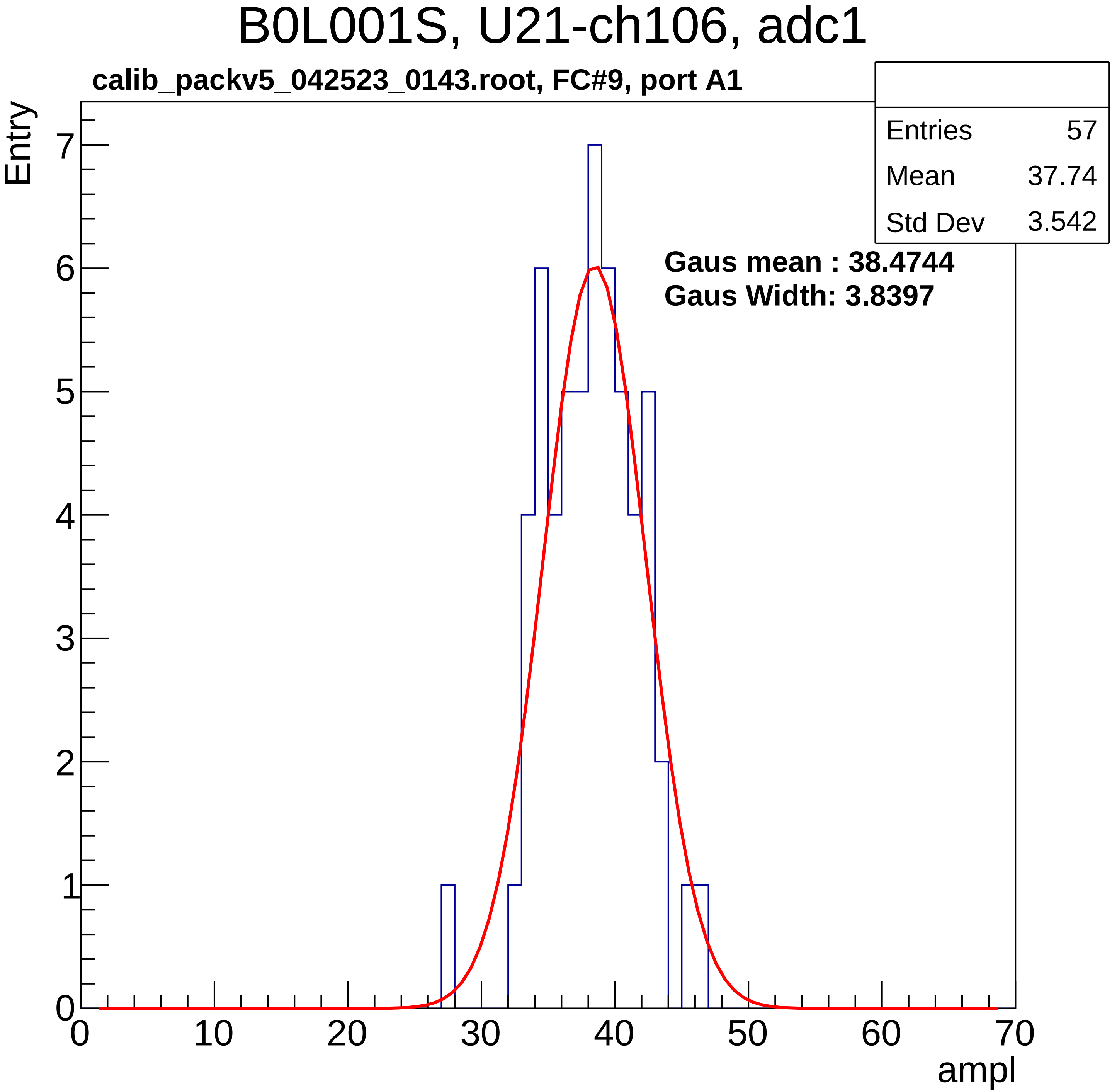

B0L001S, U21-ch105, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

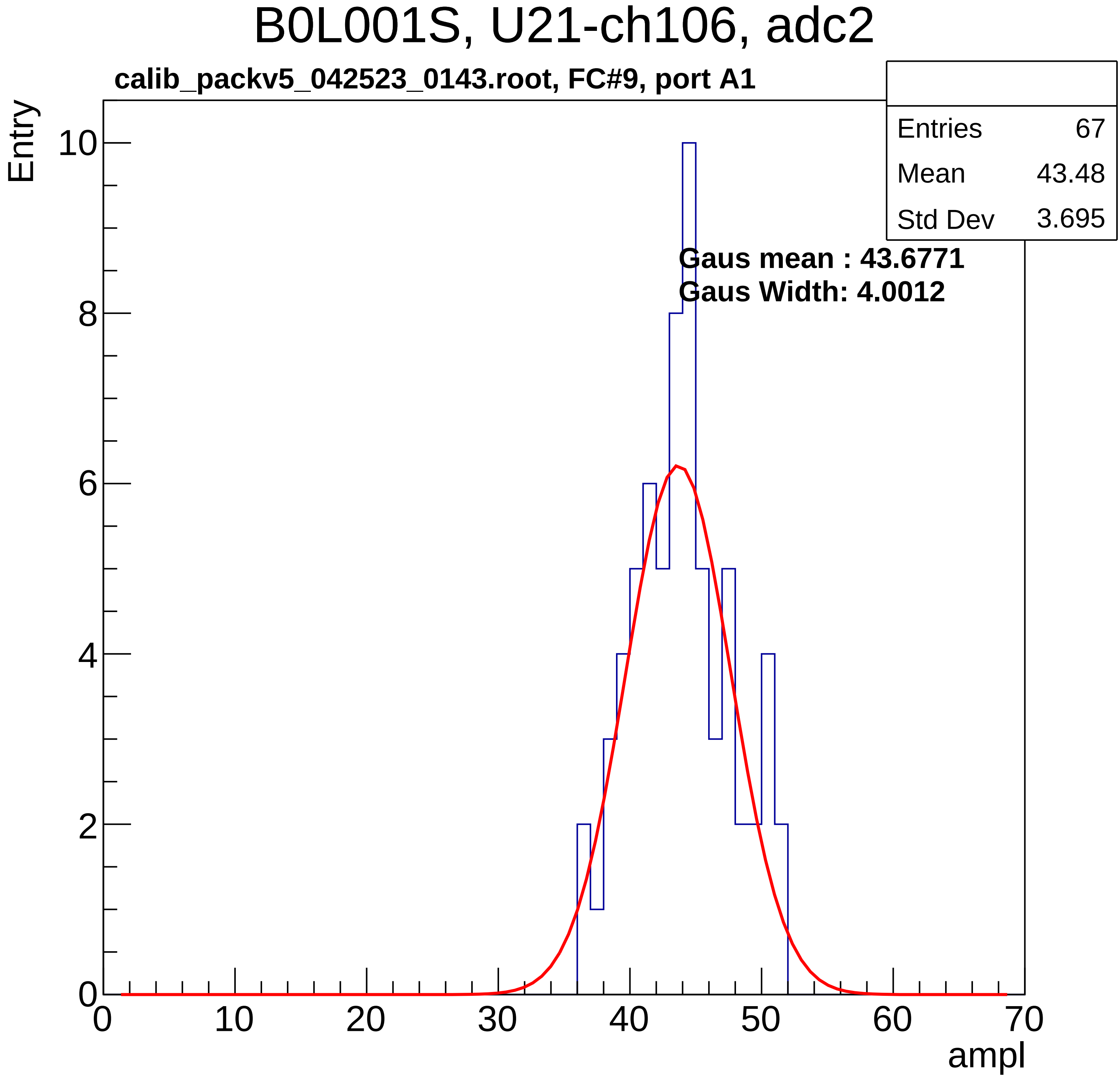
B0L001S, U21-ch105, adc7

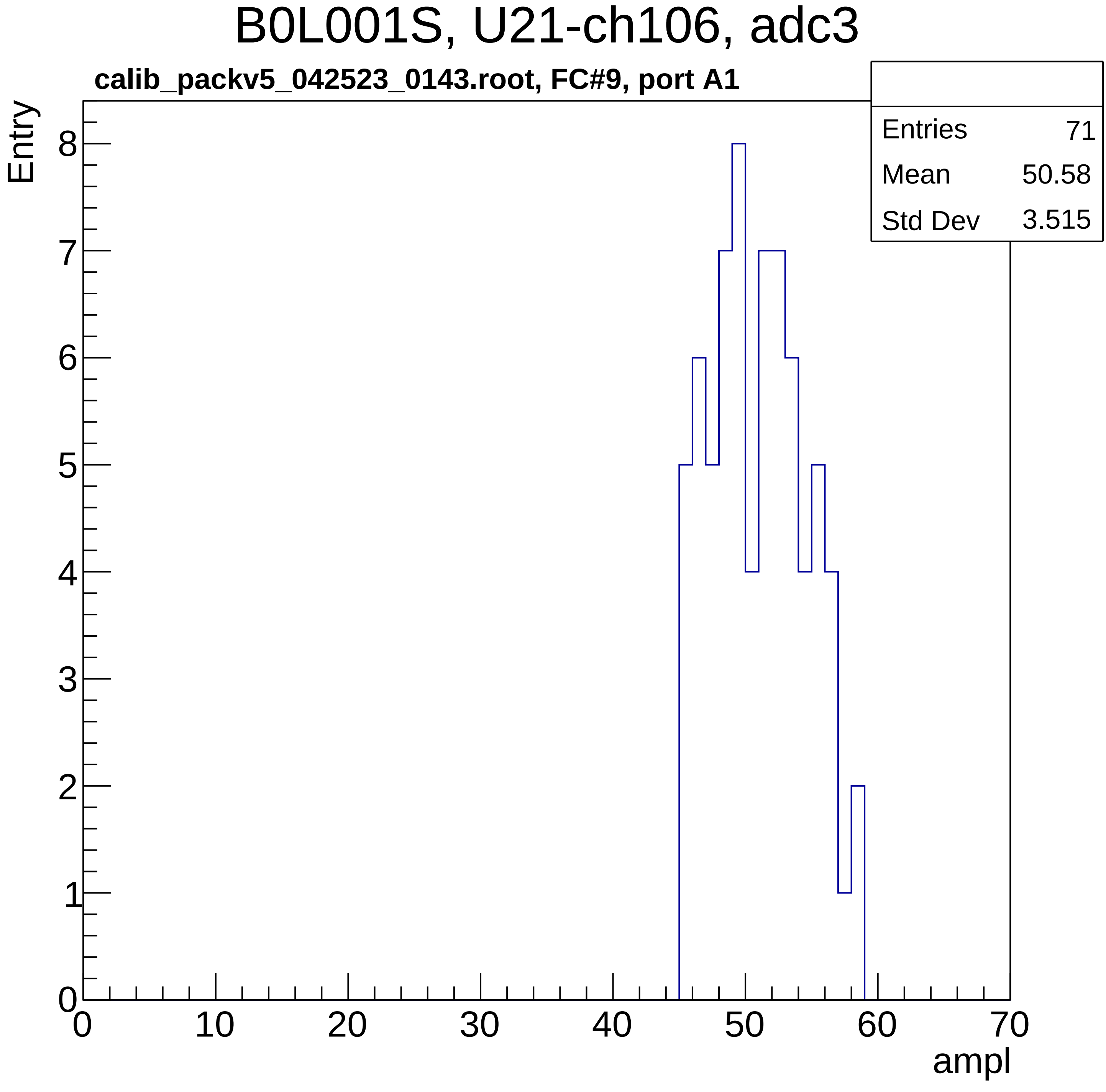




B0L001S, U21-ch106, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 30.81
Std Dev 3.377
Gaus mean : 31.8004
Gaus Width: 3.7777
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

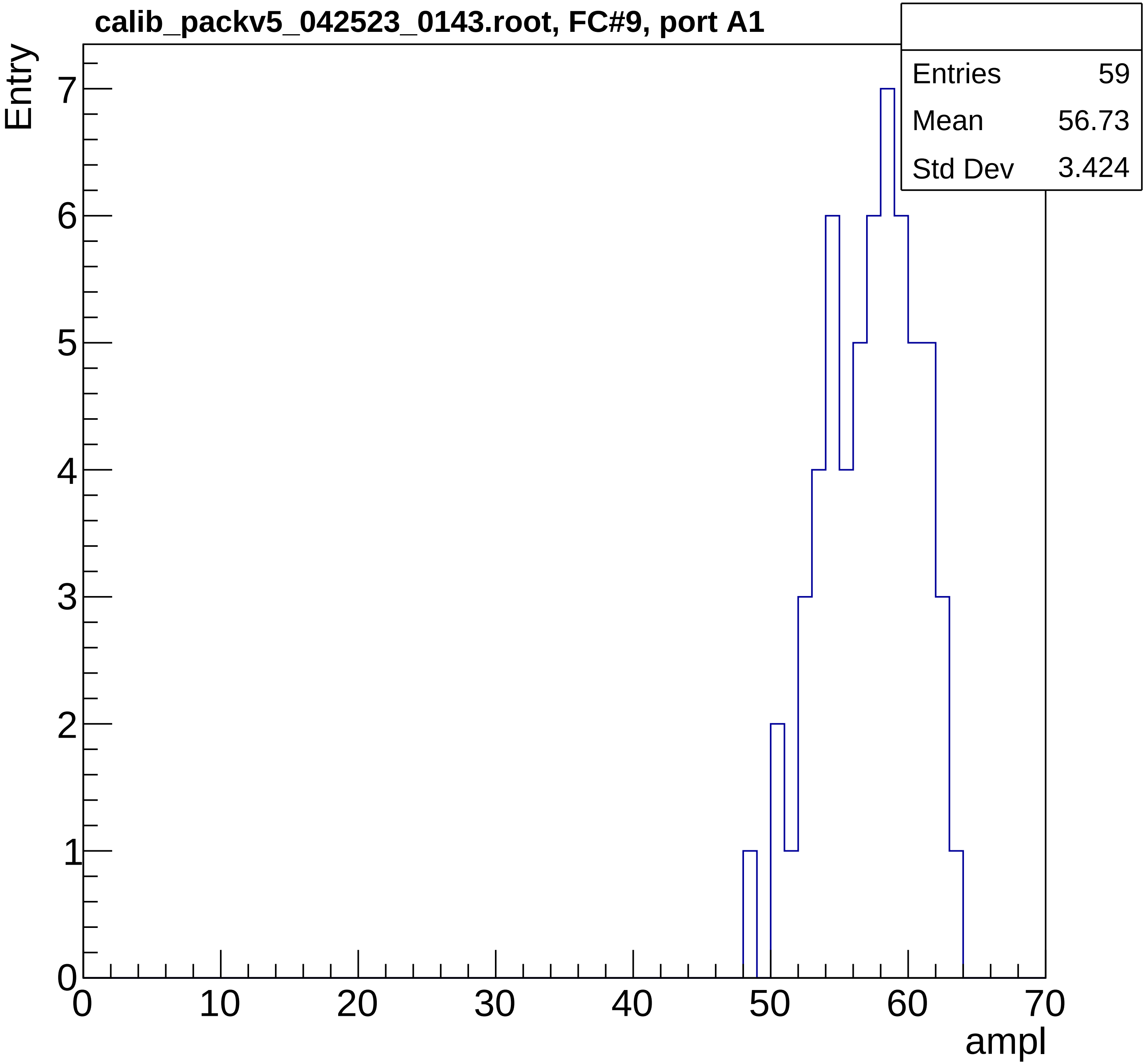

B0L001S, U21-ch106, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 37.74
Std Dev 3.542
Gaus mean : 38.4744
Gaus Width: 3.8397
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch106, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 67
Mean 43.48
Std Dev 3.695
Gaus mean : 43.6771
Gaus Width: 4.0012
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U21-ch106, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 50.58
Std Dev 3.515
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

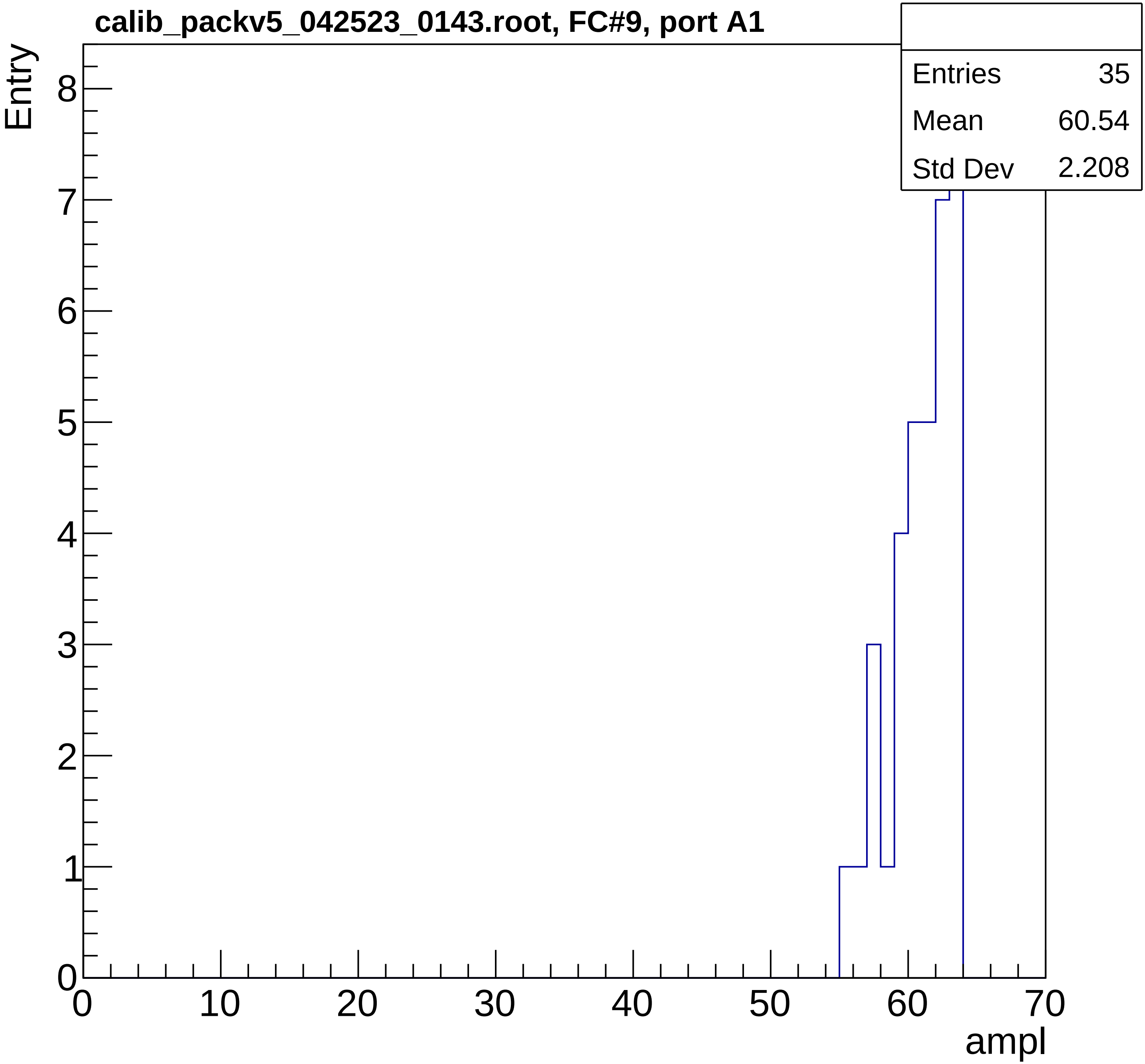
B0L001S, U21-ch106, adc4

calib_packv5_042523_0143.root, FC#9, port A1

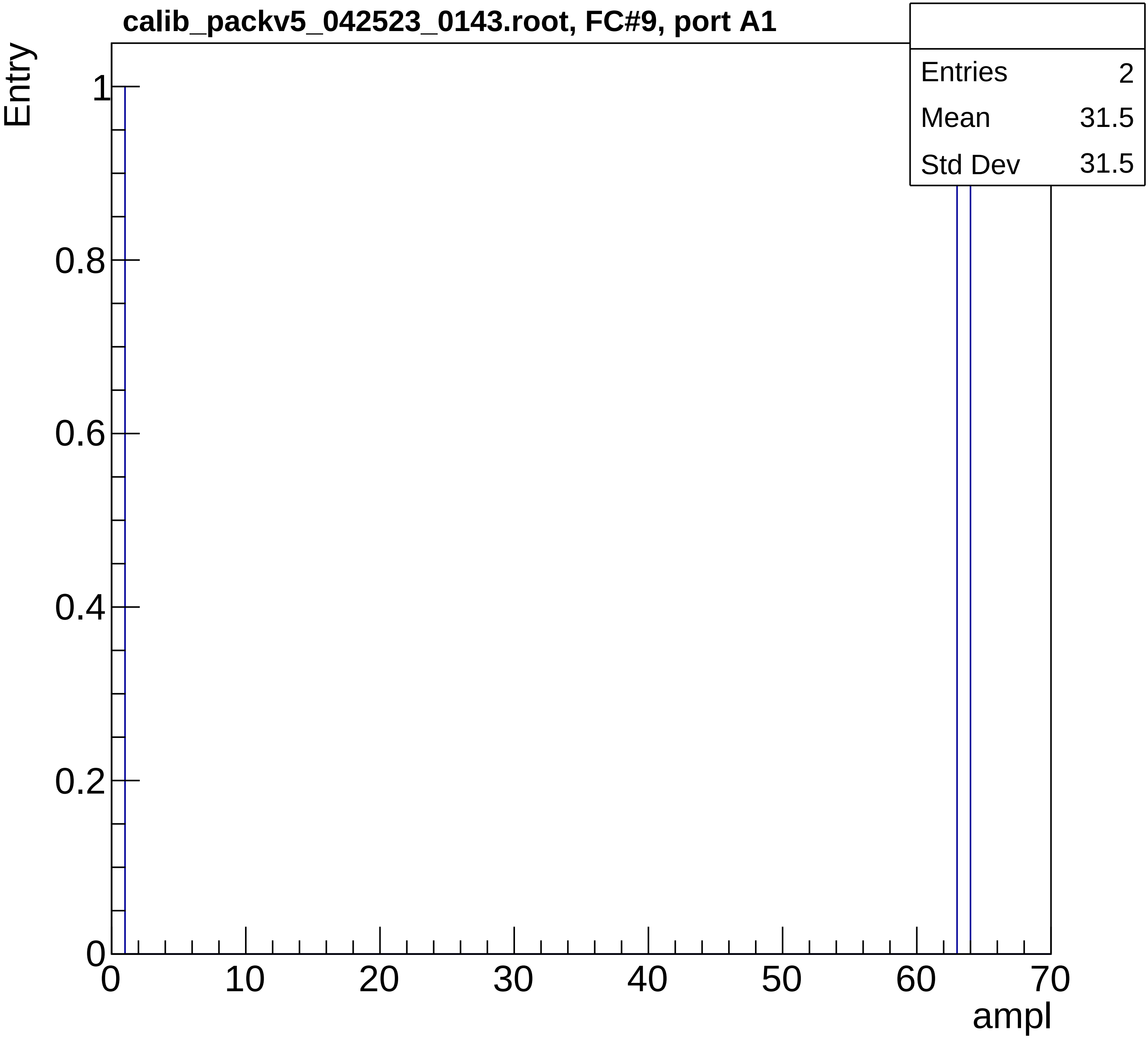


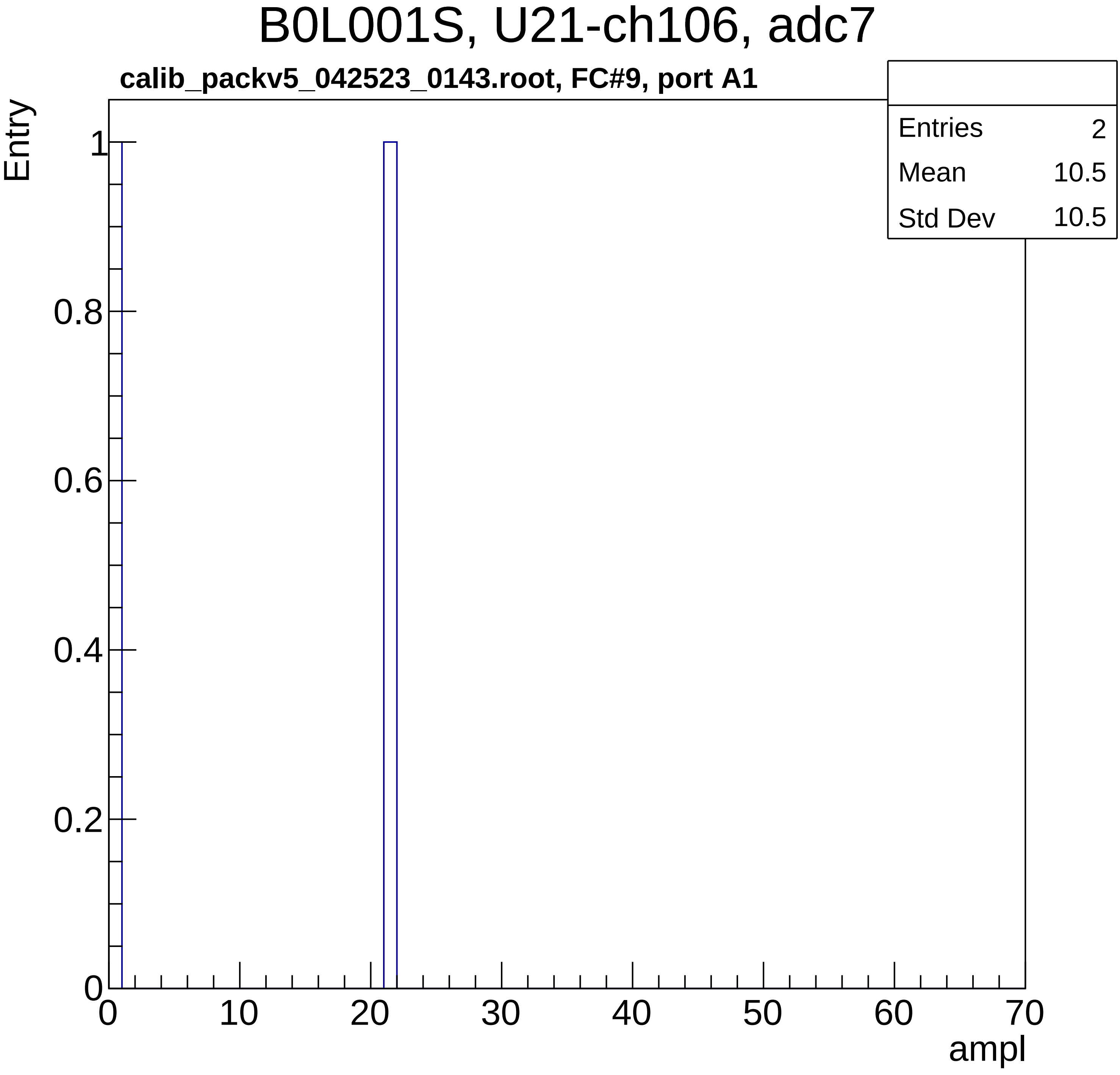
B0L001S, U21-ch106, adc5

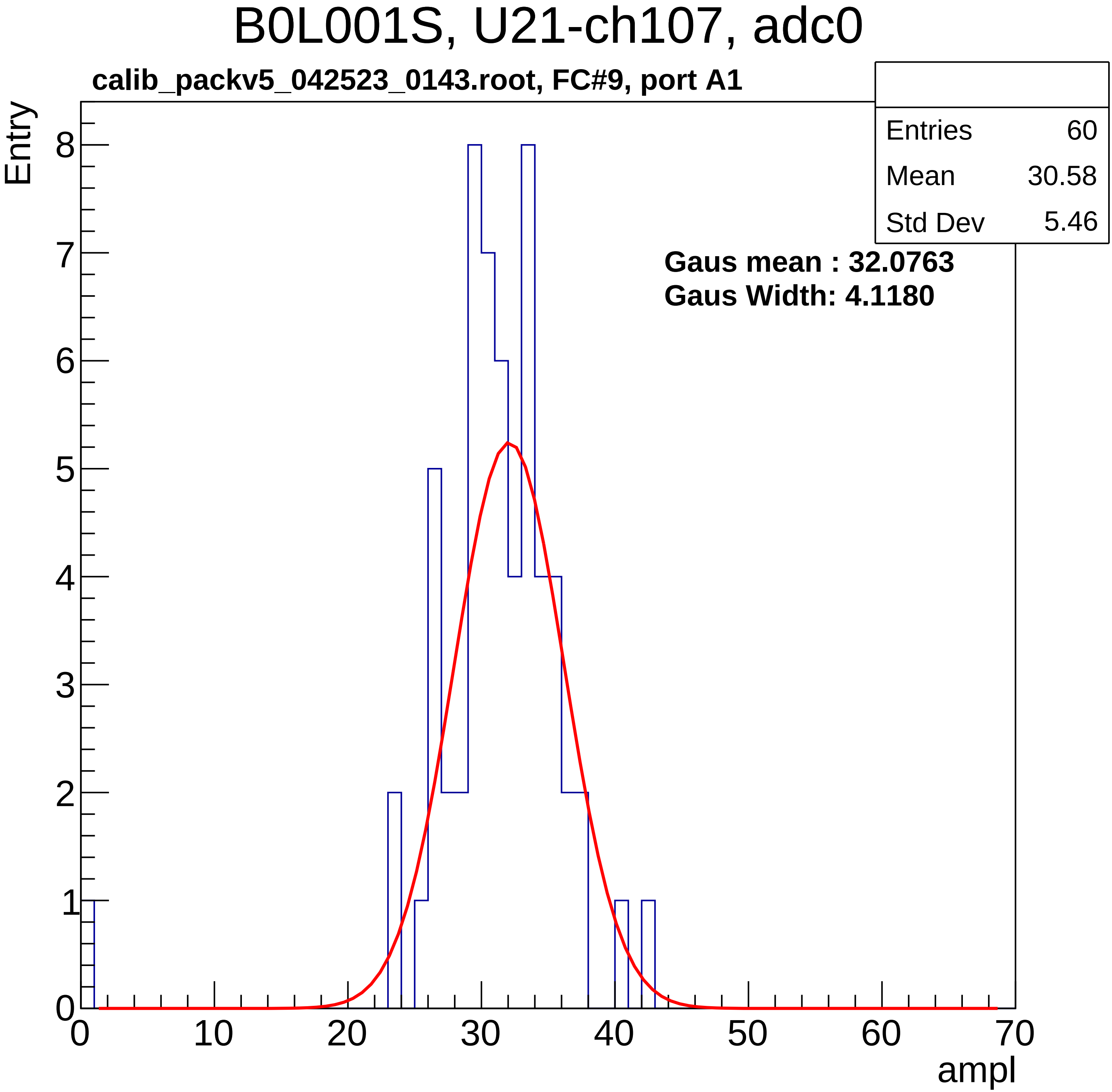
calib_packv5_042523_0143.root, FC#9, port A1

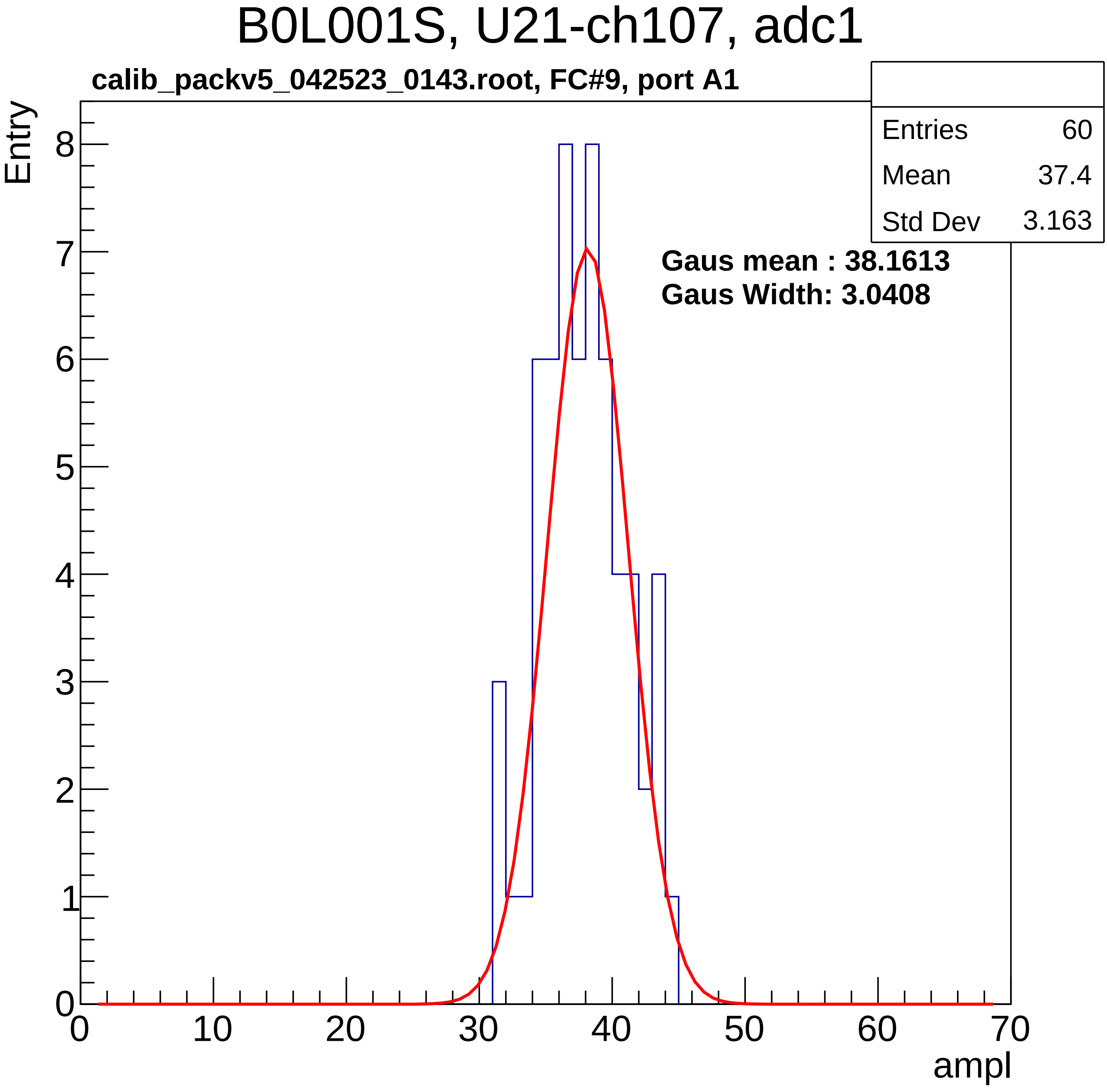


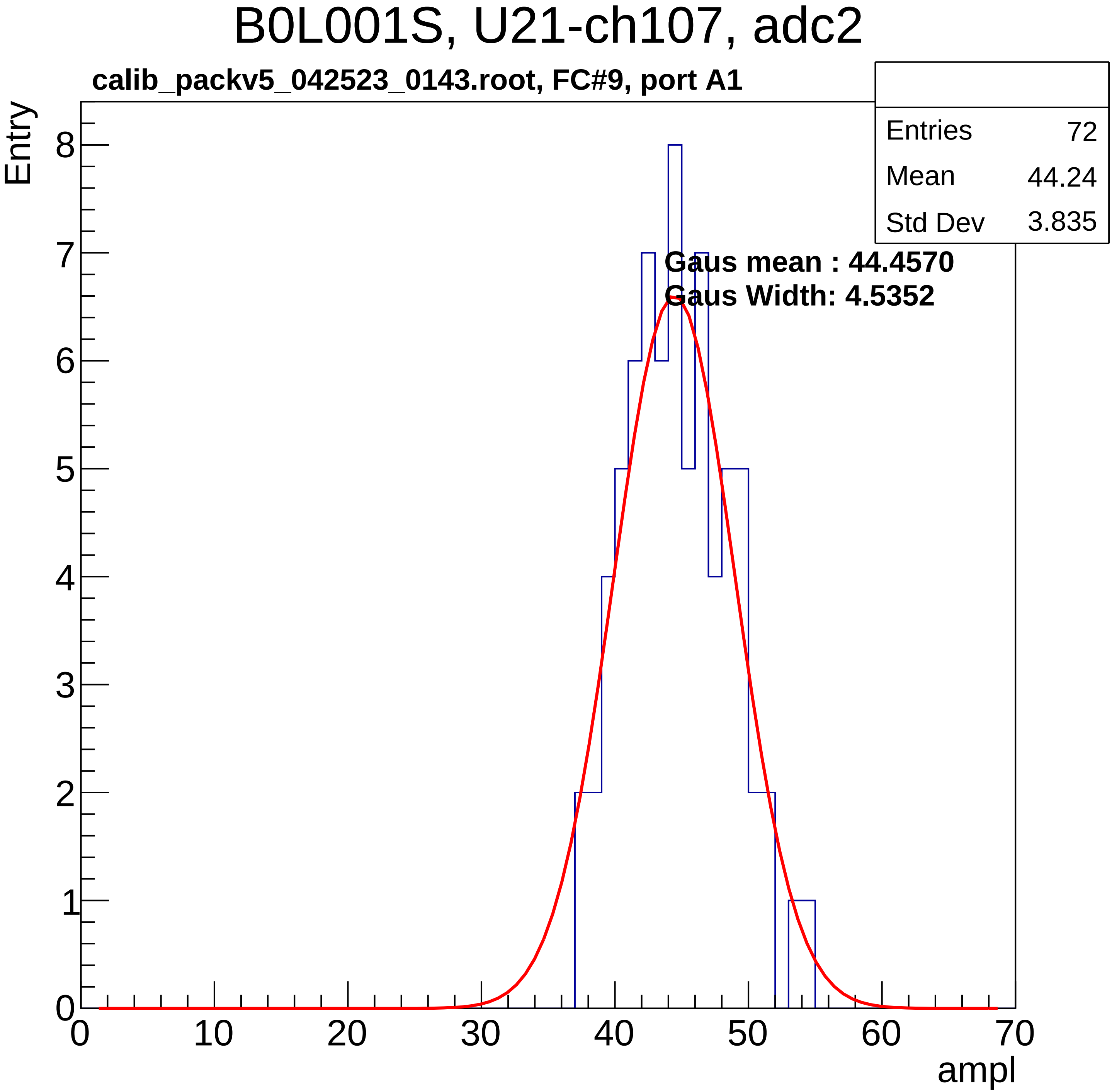
B0L001S, U21-ch106, adc6




B0L001S, U21-ch106, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

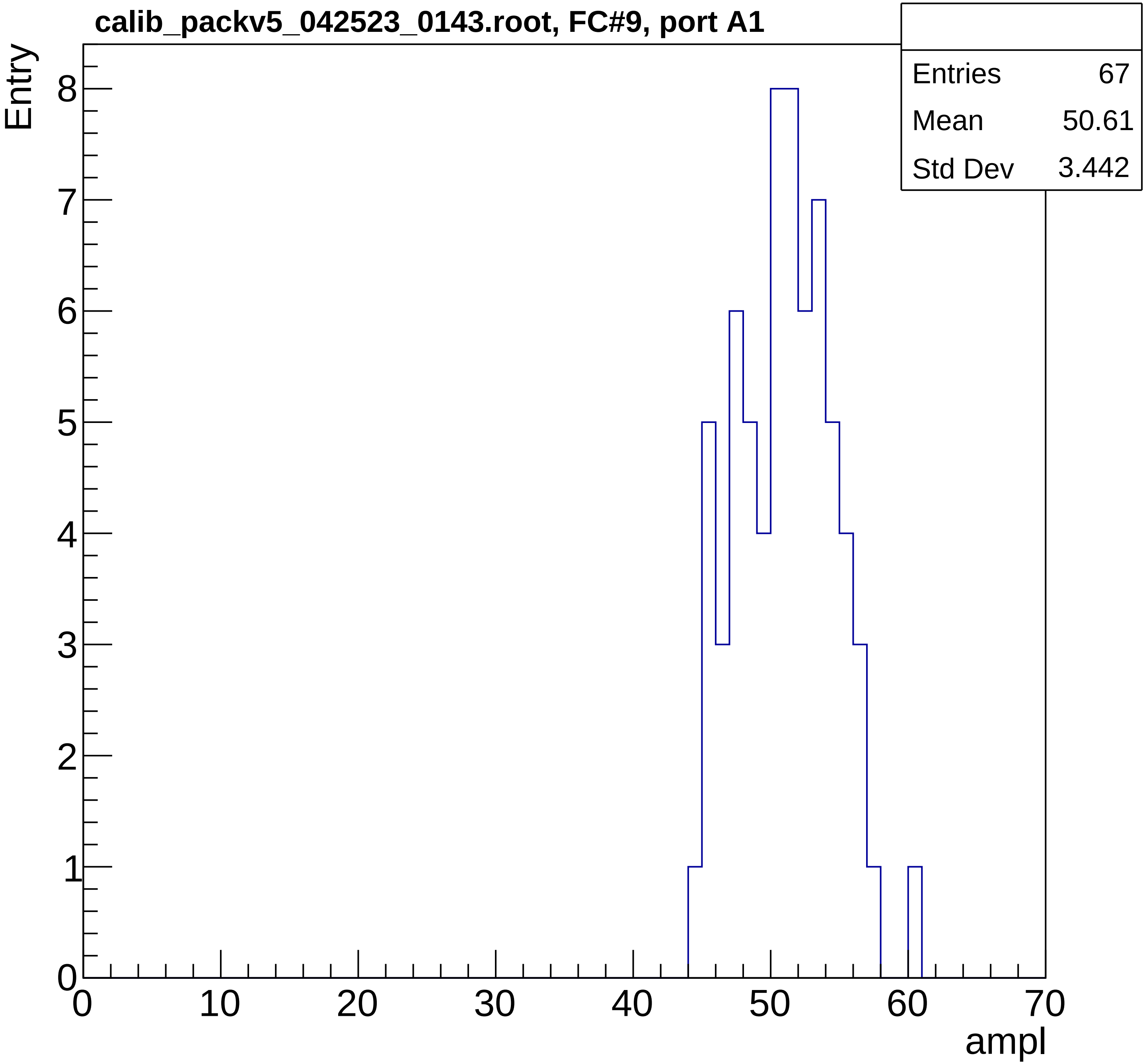

B0L001S, U21-ch107, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 30.58
Std Dev 5.46
Gaus mean : 32.0763
Gaus Width: 4.1180
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

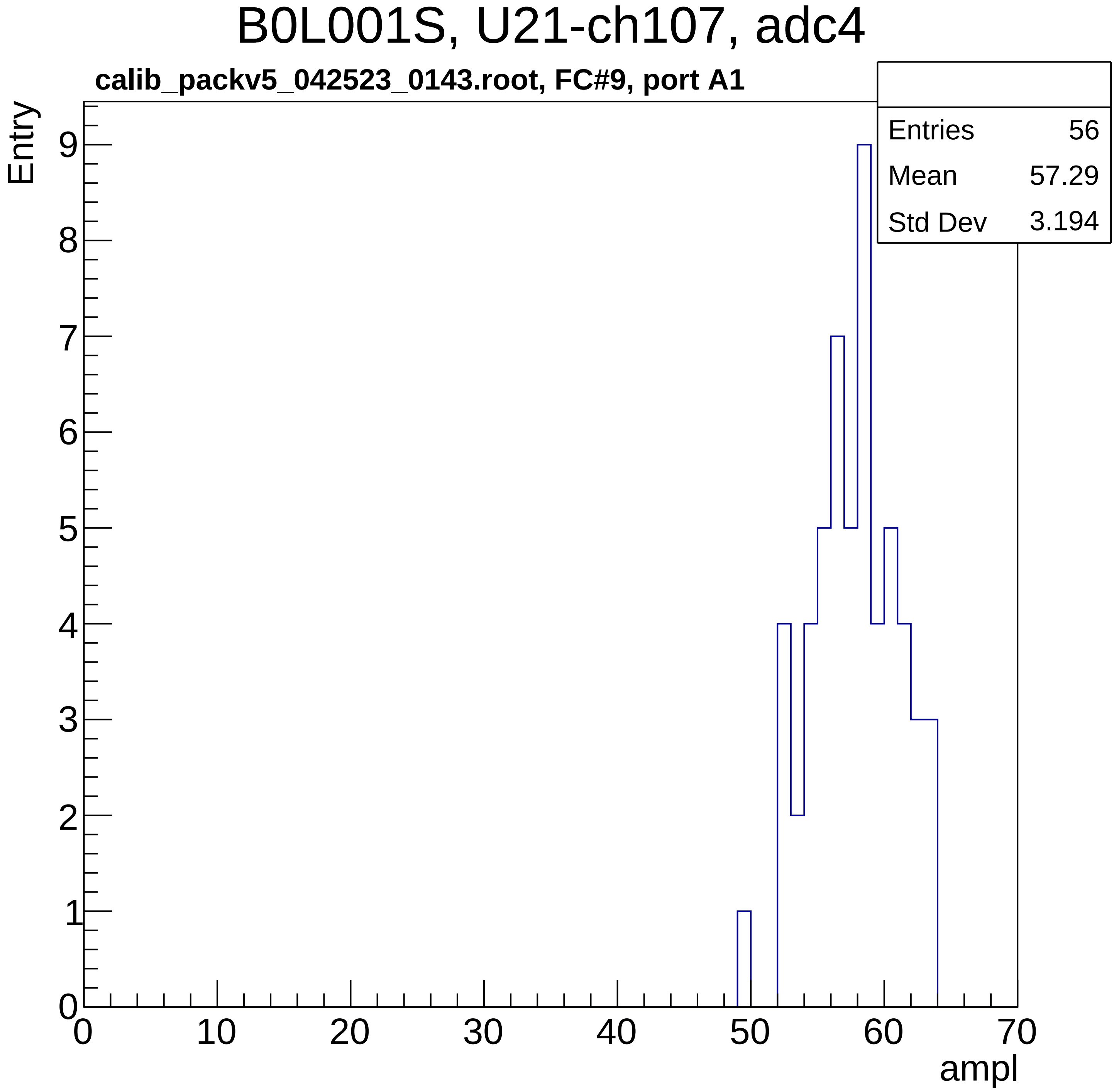

B0L001S, U21-ch107, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 37.4
Std Dev 3.163
Gaus mean : 38.1613
Gaus Width: 3.0408
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch107, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 72
Mean 44.24
Std Dev 3.835
Gaus mean : 44.4570
Gaus Width: 4.5352
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch107, adc3

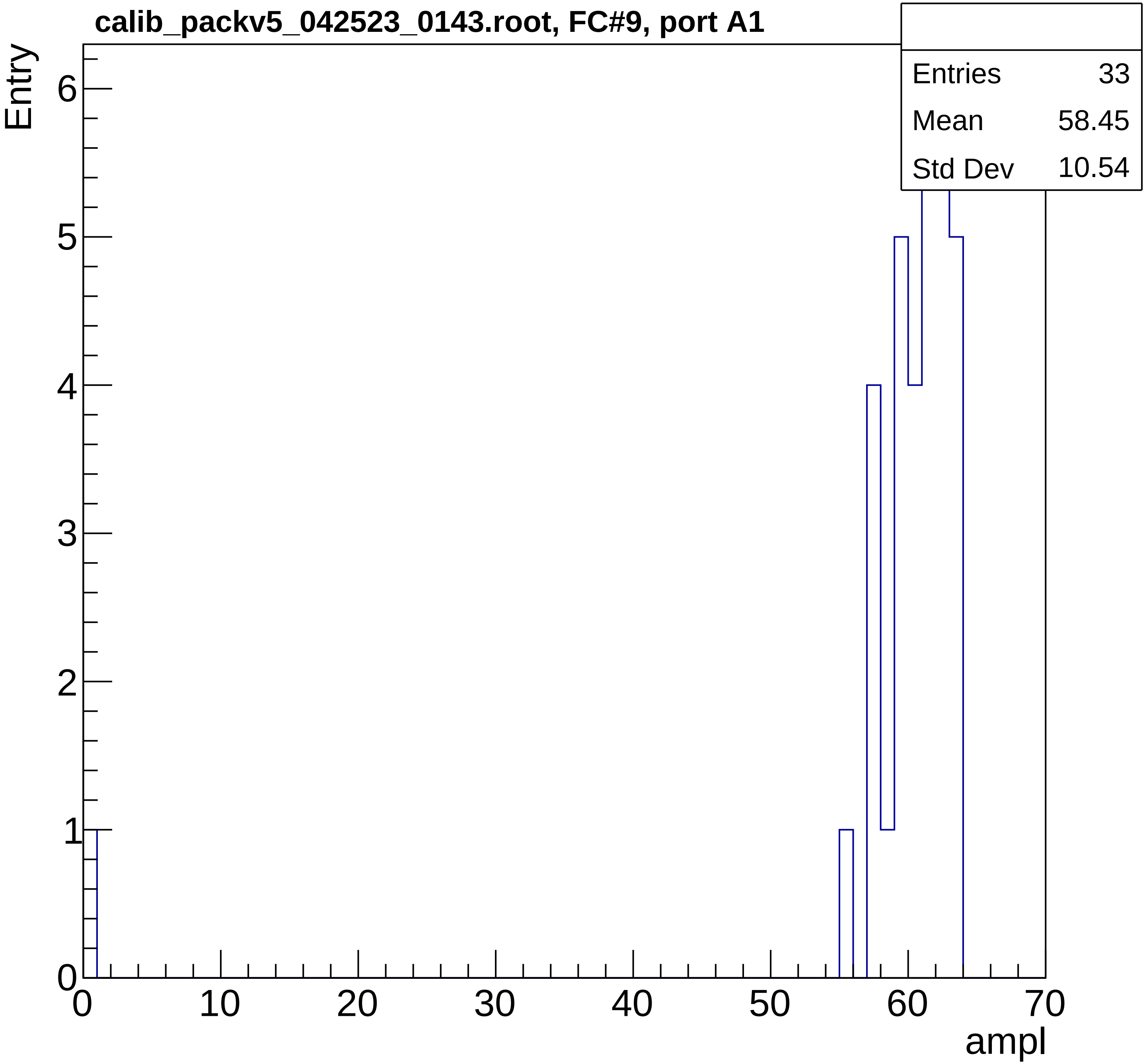
calib_packv5_042523_0143.root, FC#9, port A1

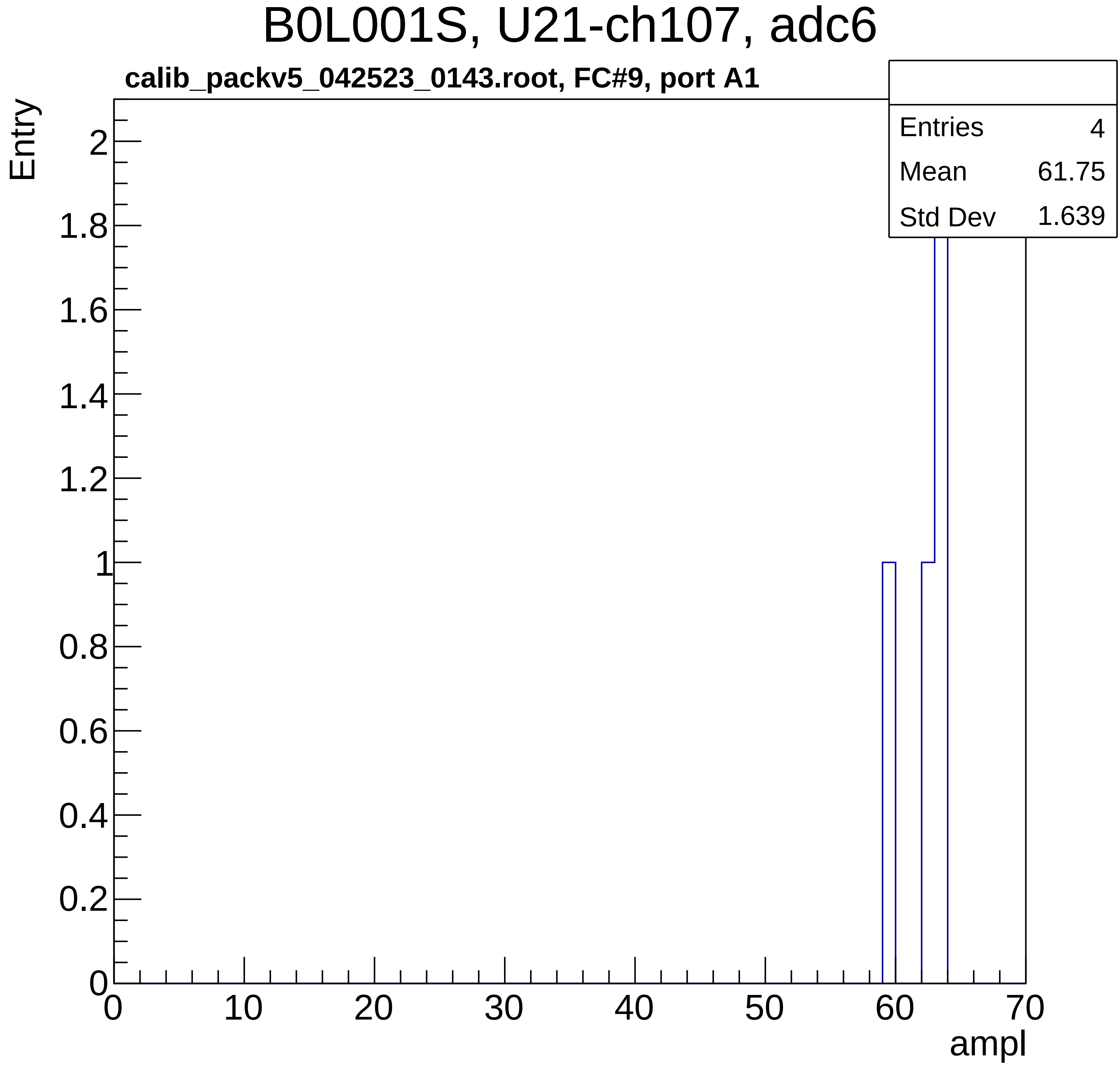


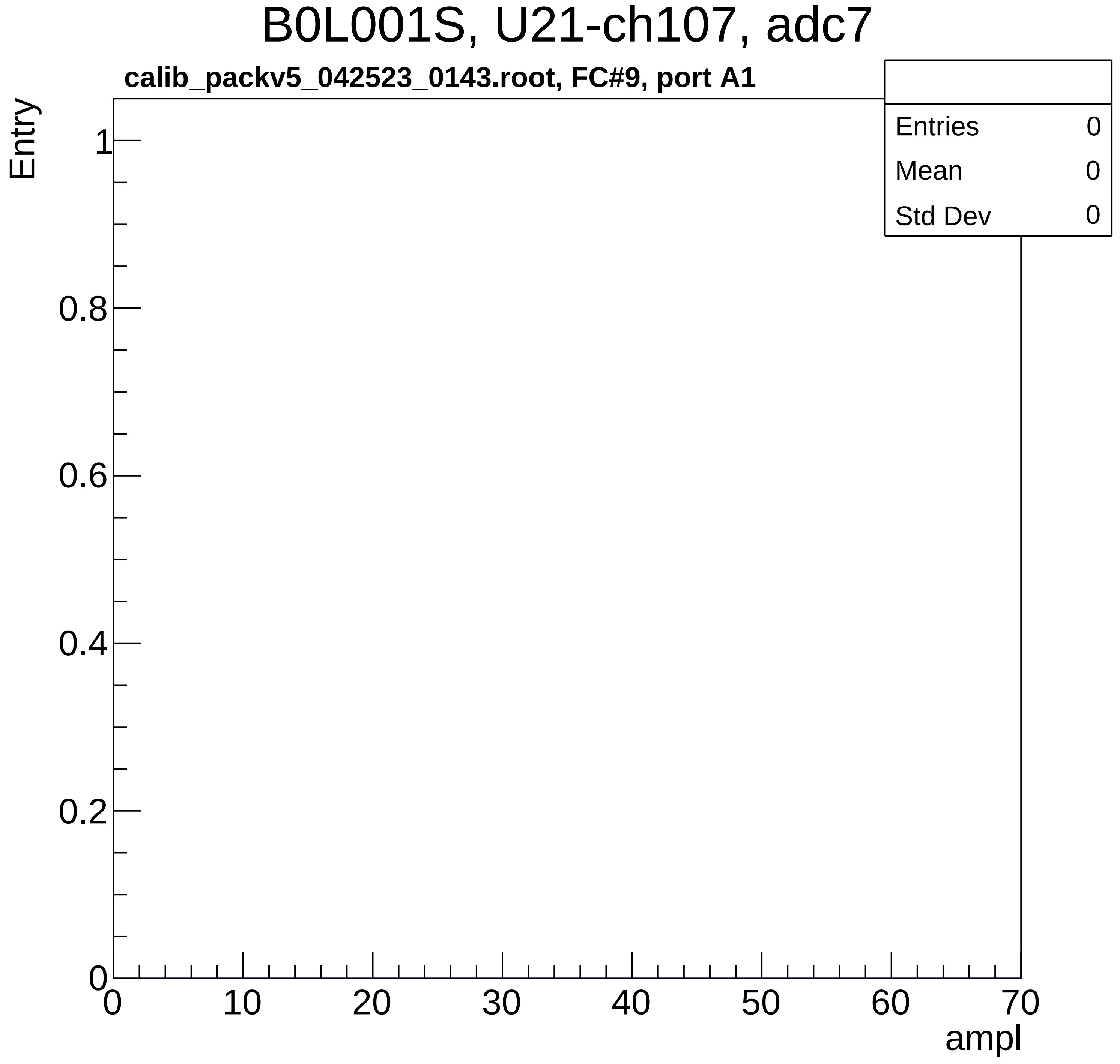

B0L001S, U21-ch107, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 57.29
Std Dev 3.194
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

B0L001S, U21-ch107, adc5

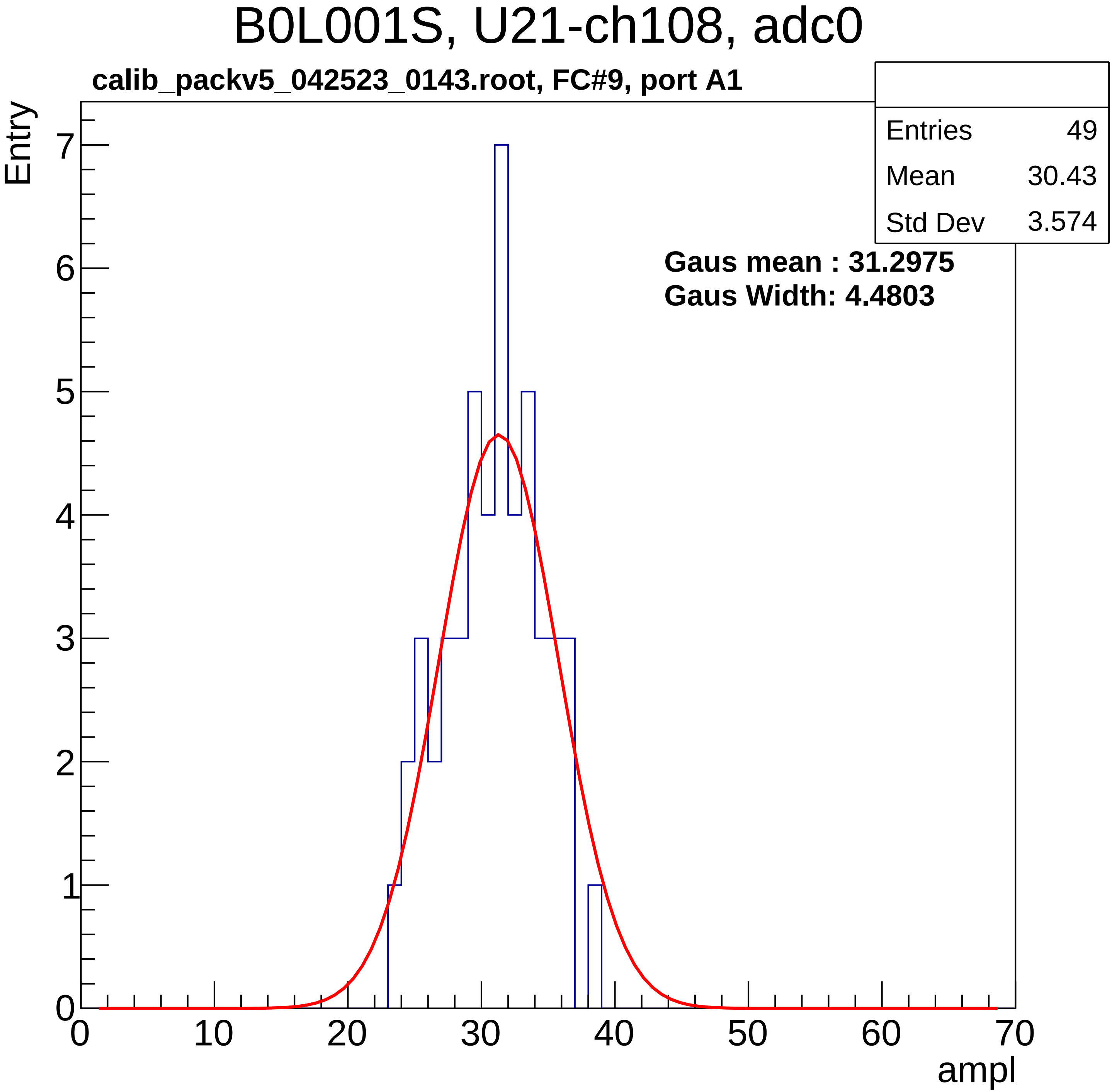
calib_packv5_042523_0143.root, FC#9, port A1

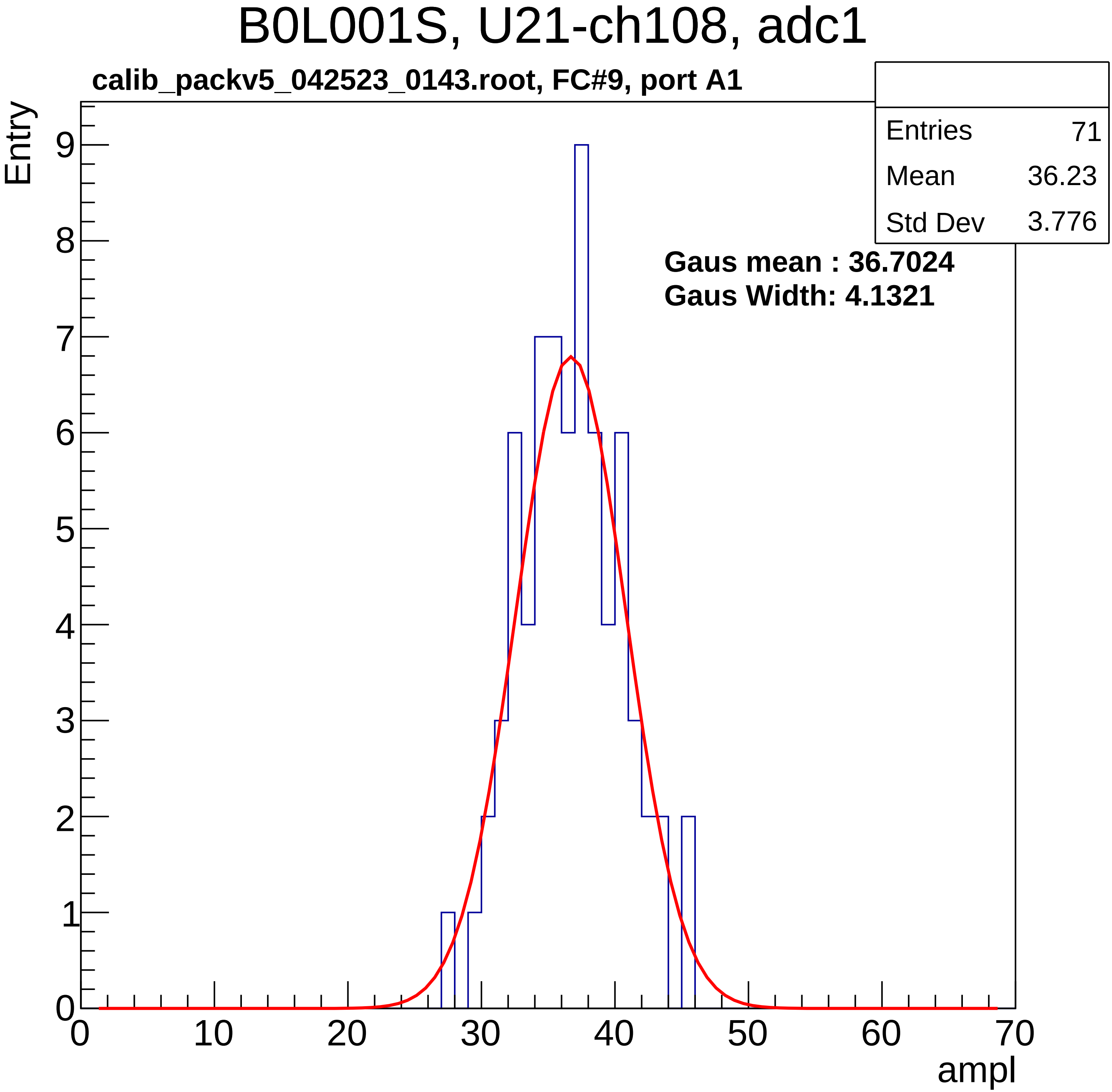


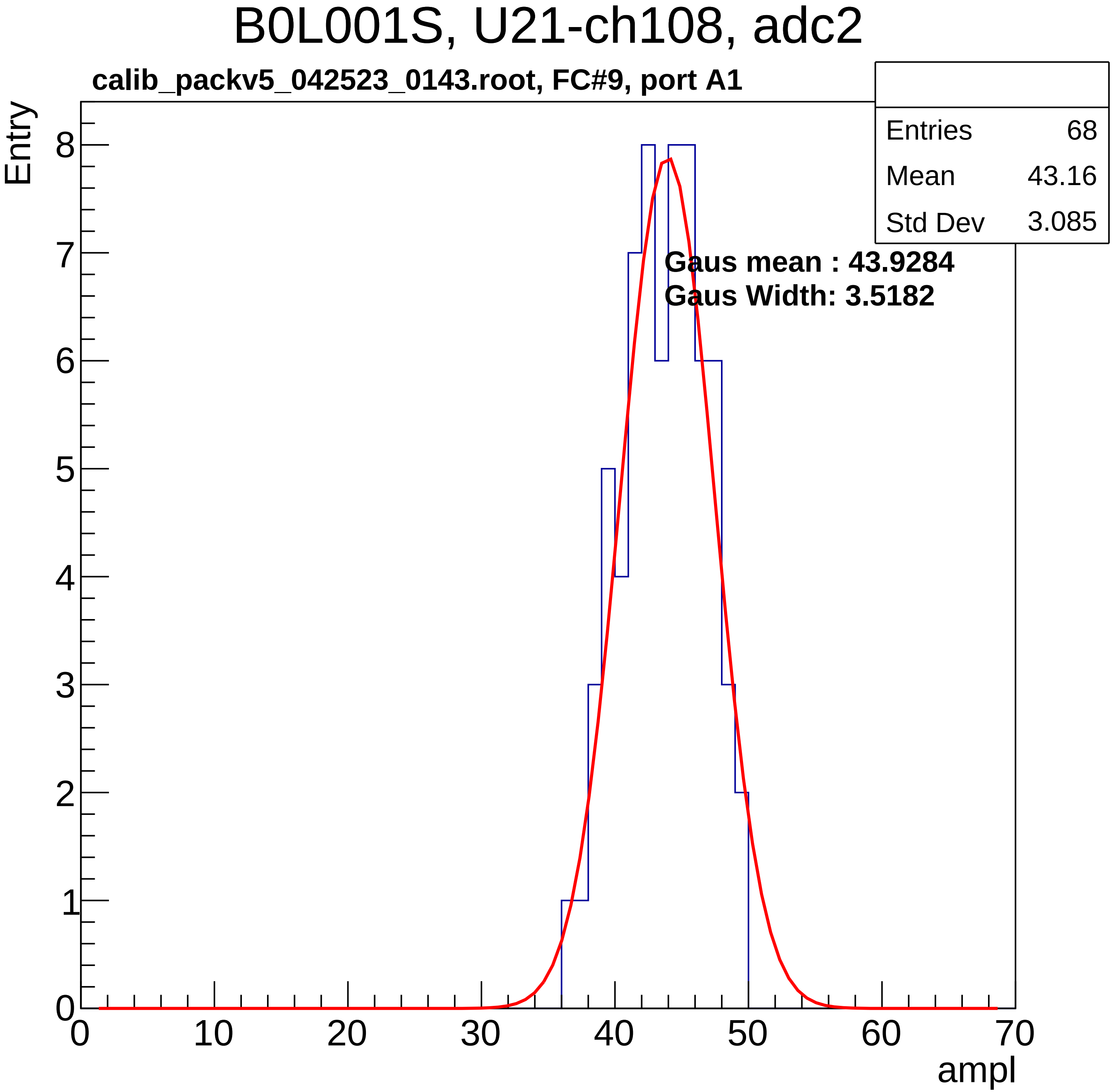

B0L001S, U21-ch107, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 61.75
Std Dev 1.639
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

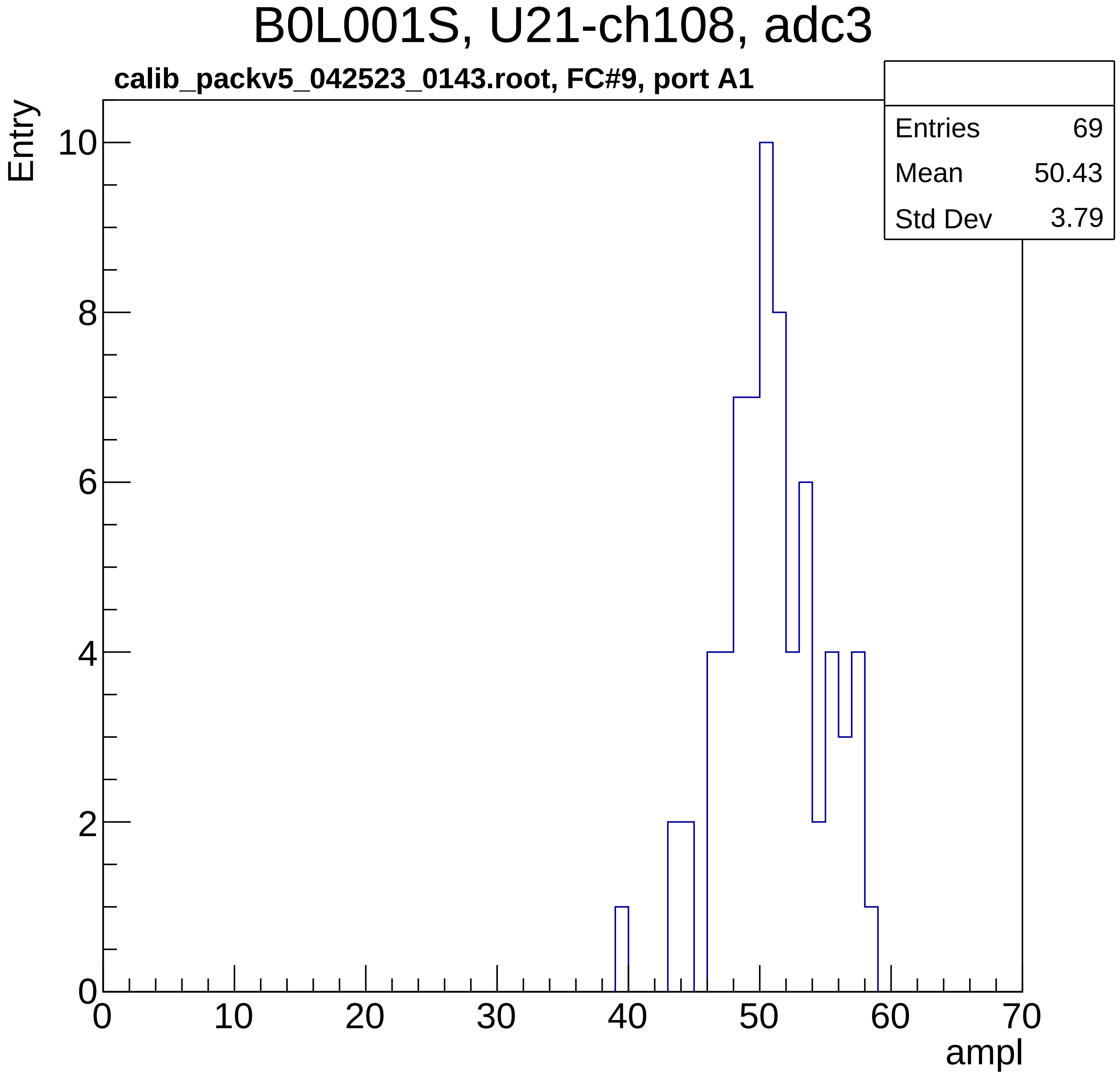


B0L001S, U21-ch107, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

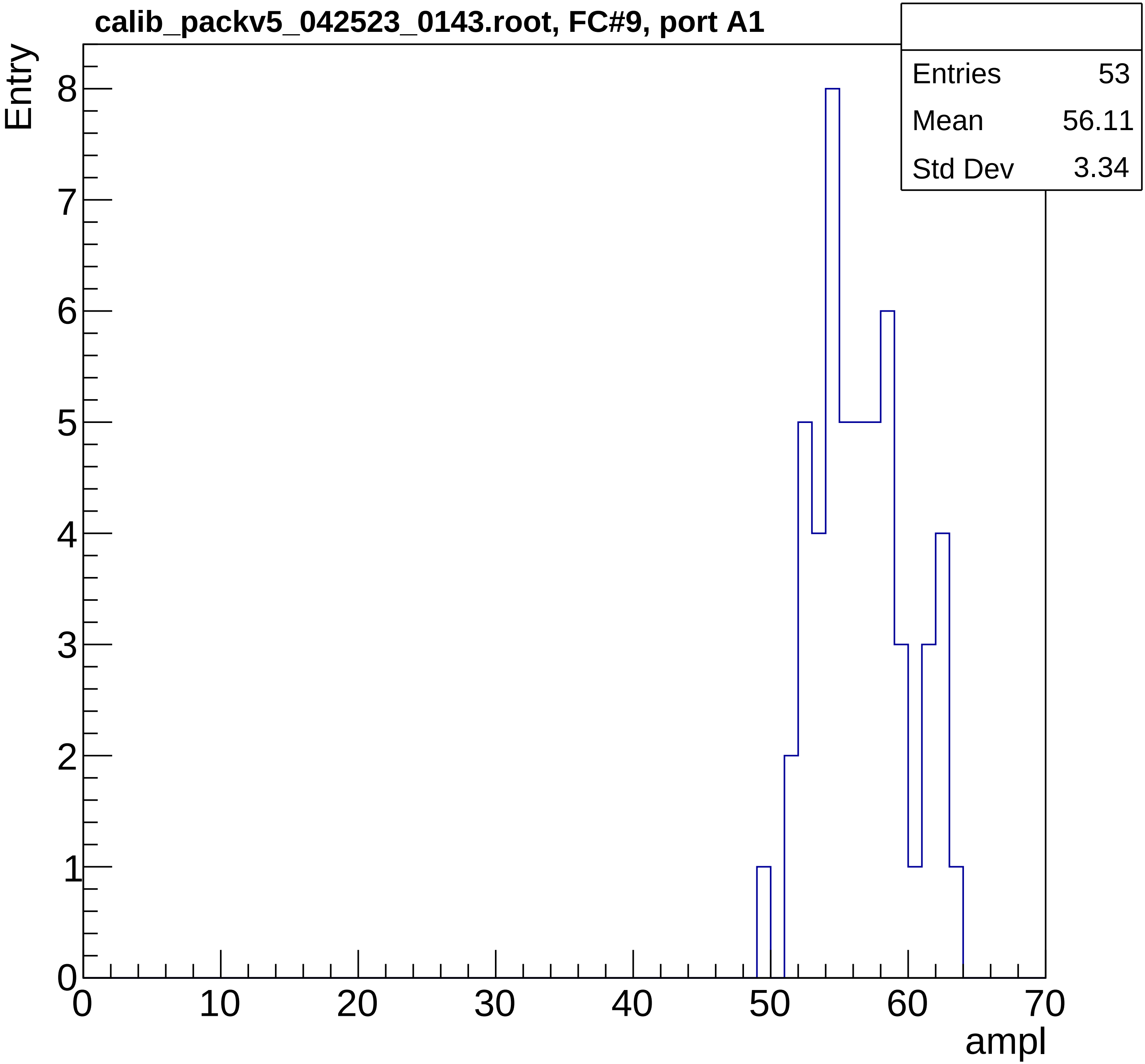

B0L001S, U21-ch108, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 30.43
Std Dev 3.574
Gaus mean : 31.2975
Gaus Width: 4.4803
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch108, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 71
Mean 36.23
Std Dev 3.776
Gaus mean : 36.7024
Gaus Width: 4.1321
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

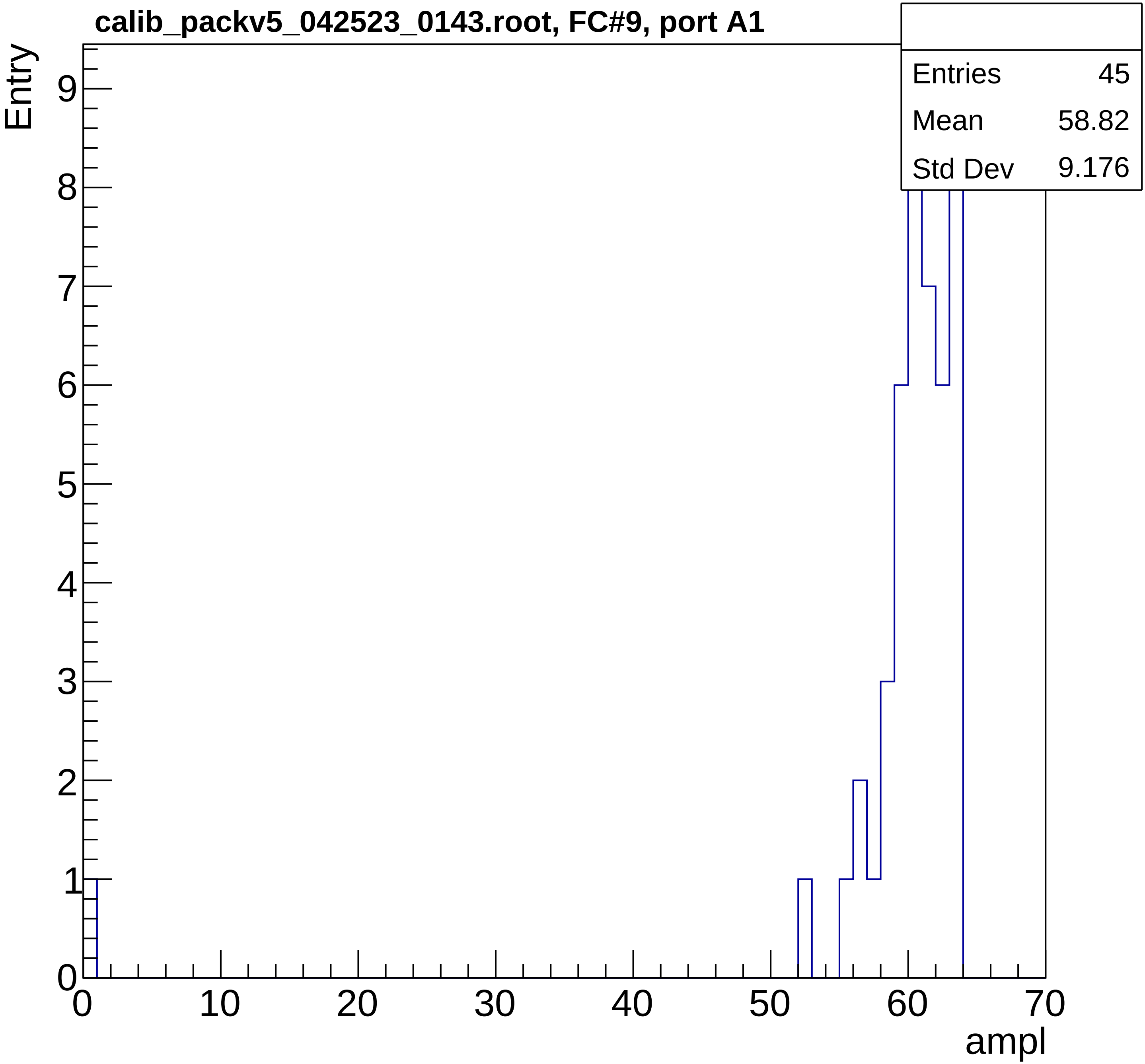

B0L001S, U21-ch108, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 68
Mean 43.16
Std Dev 3.085
Gaus mean : 43.9284
Gaus Width: 3.5182
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch108, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 50.43
Std Dev 3.79
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

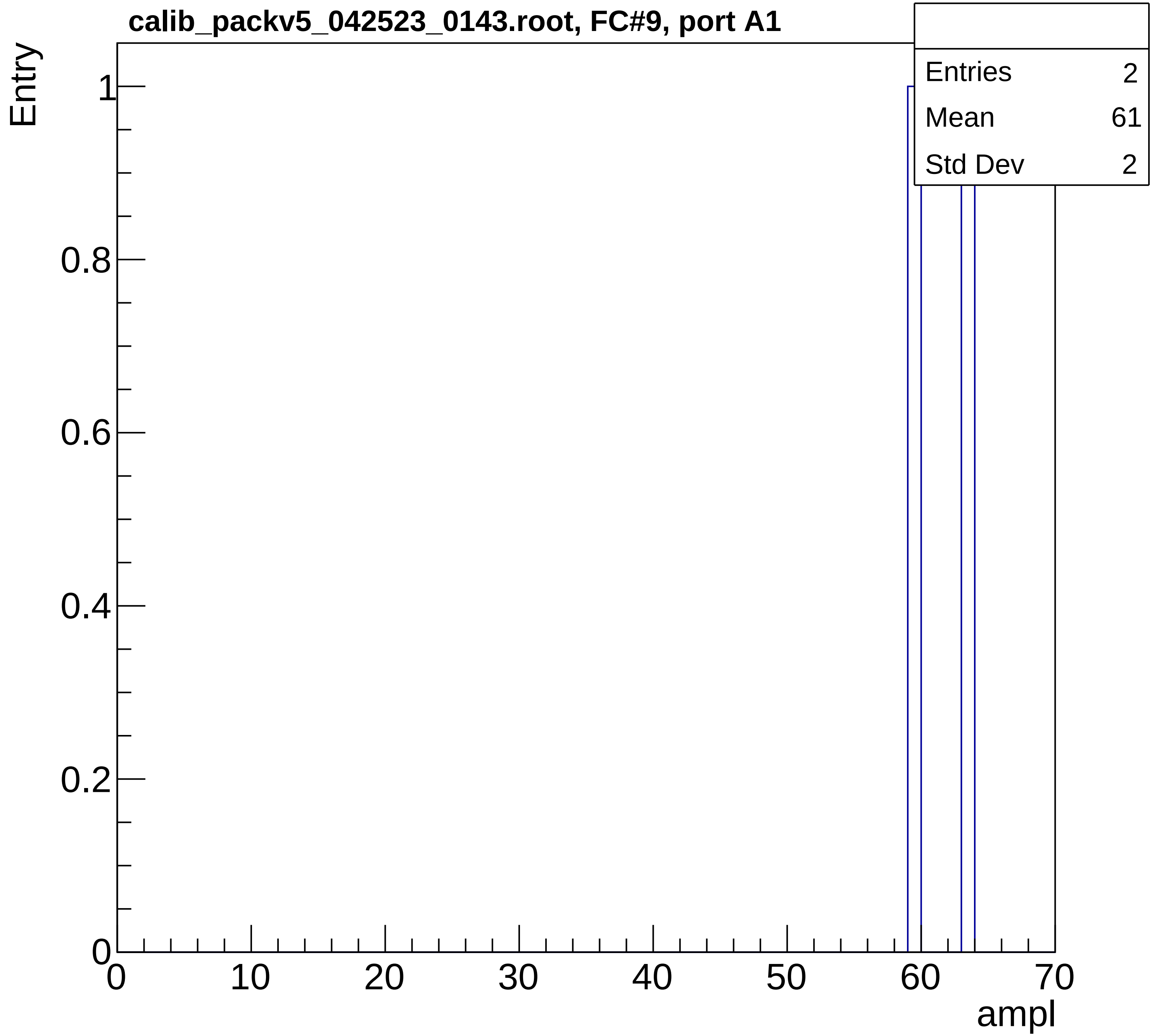
B0L001S, U21-ch108, adc4

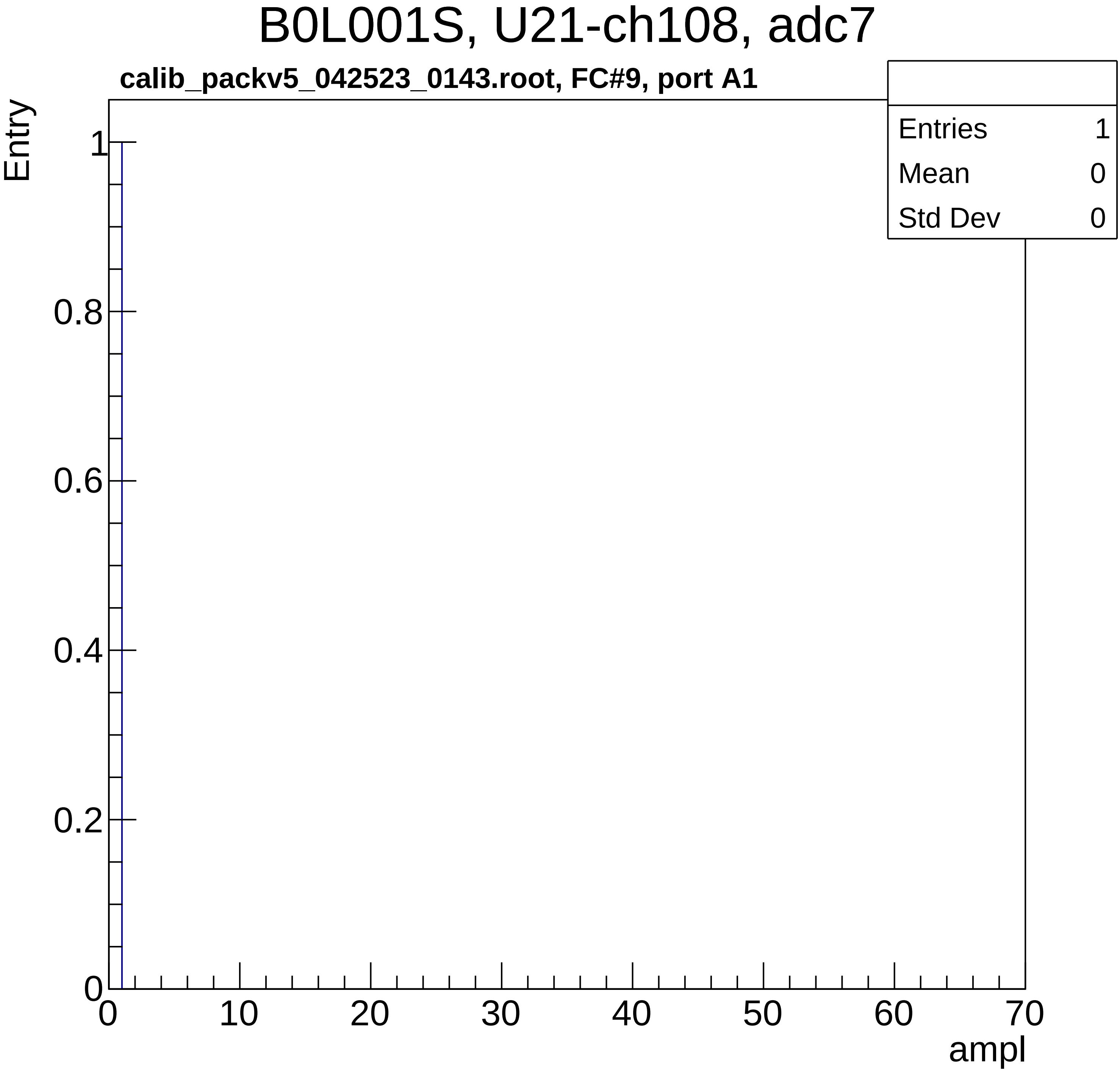


B0L001S, U21-ch108, adc5



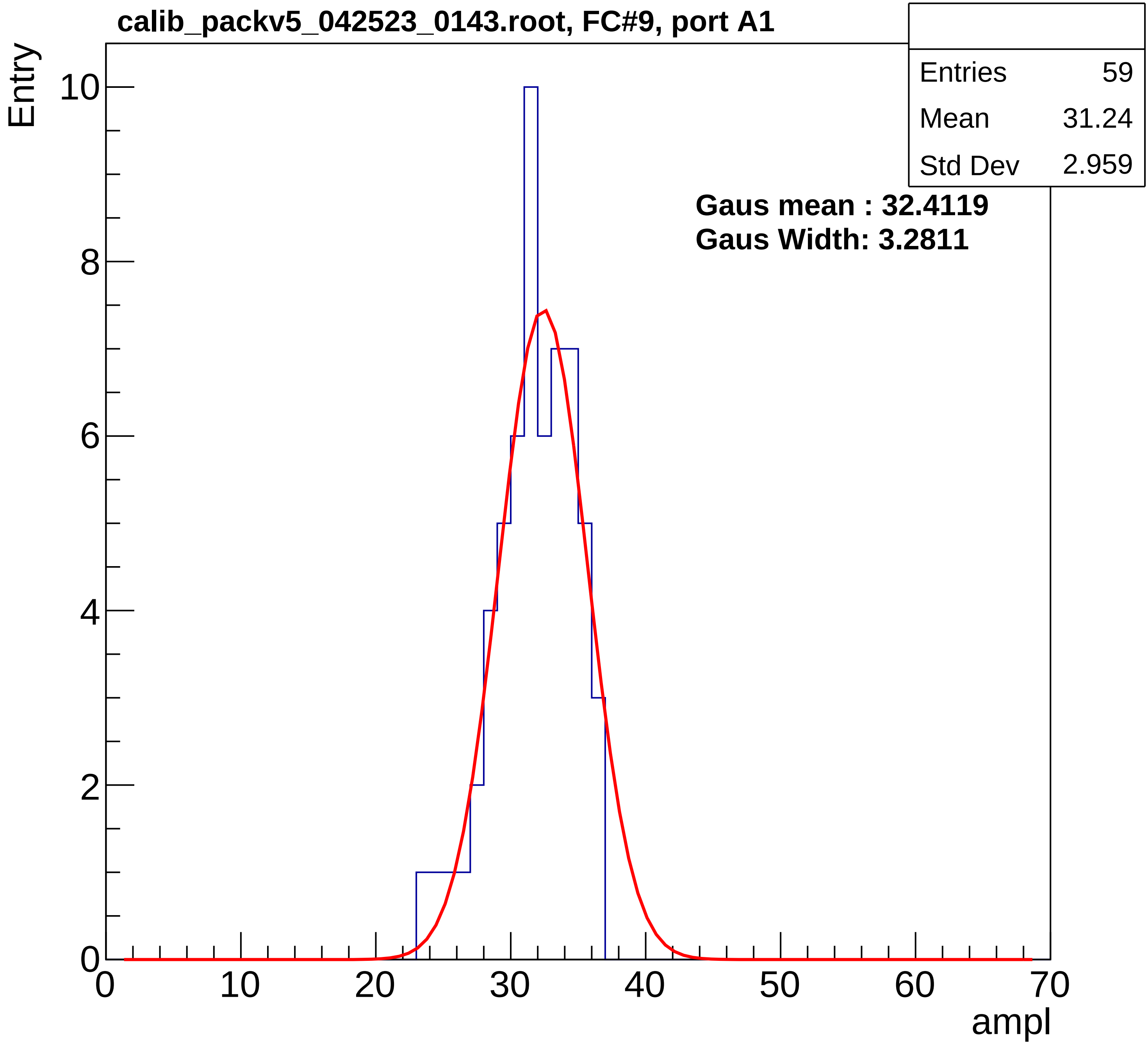
B0L001S, U21-ch108, adc6

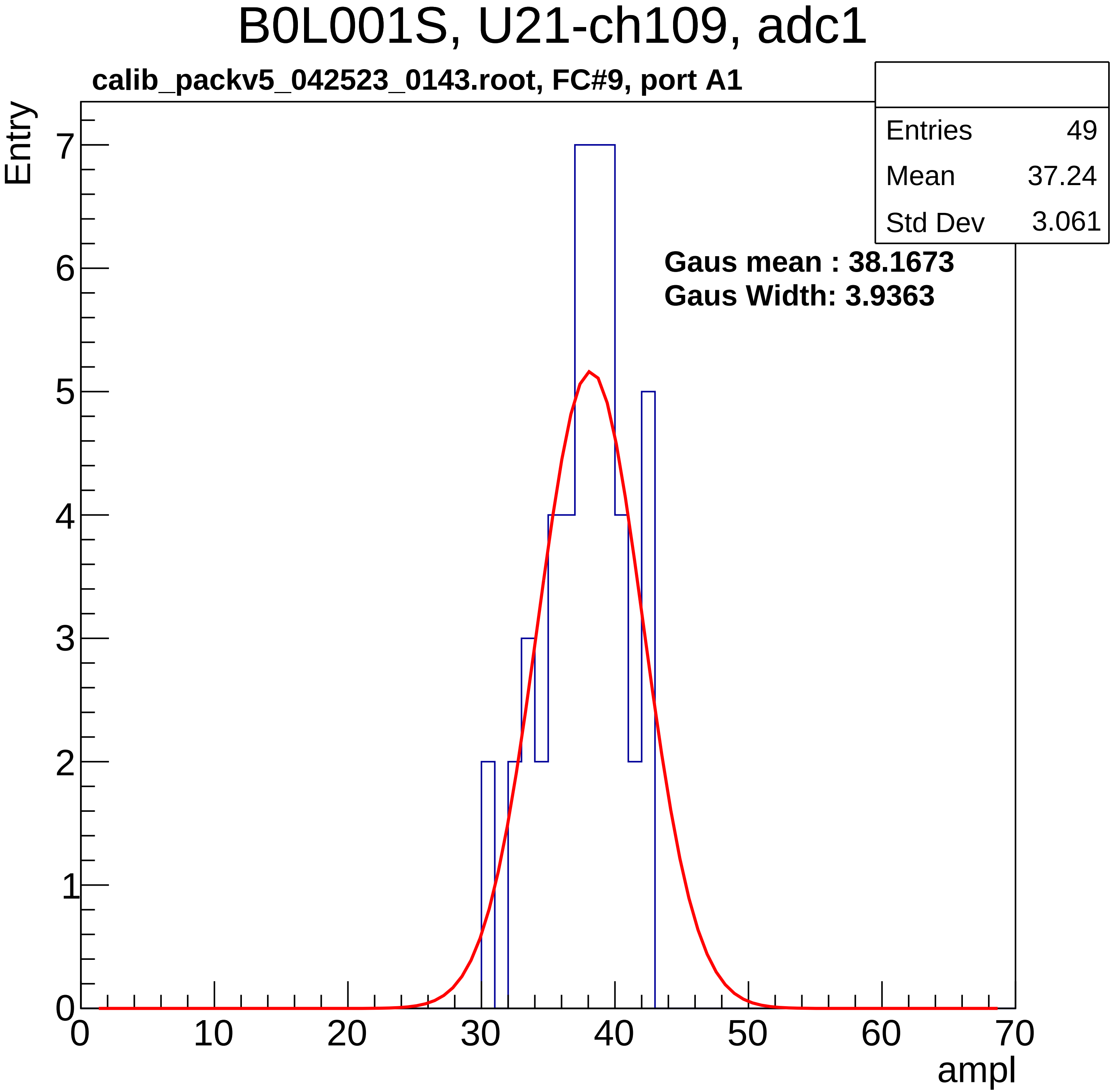


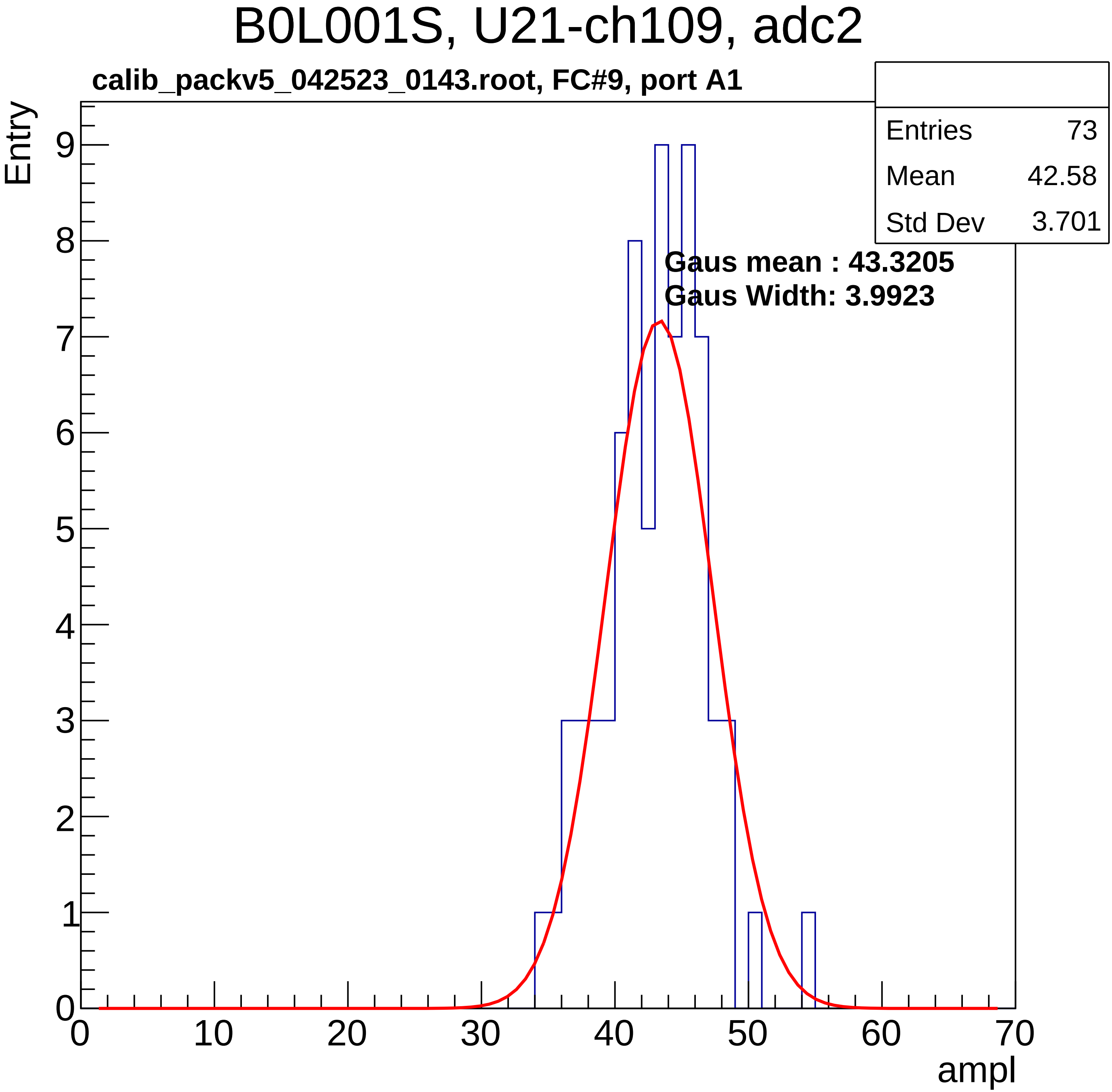

B0L001S, U21-ch108, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 1
Mean 0
Std Dev 0
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

B0L001S, U21-ch109, adc0

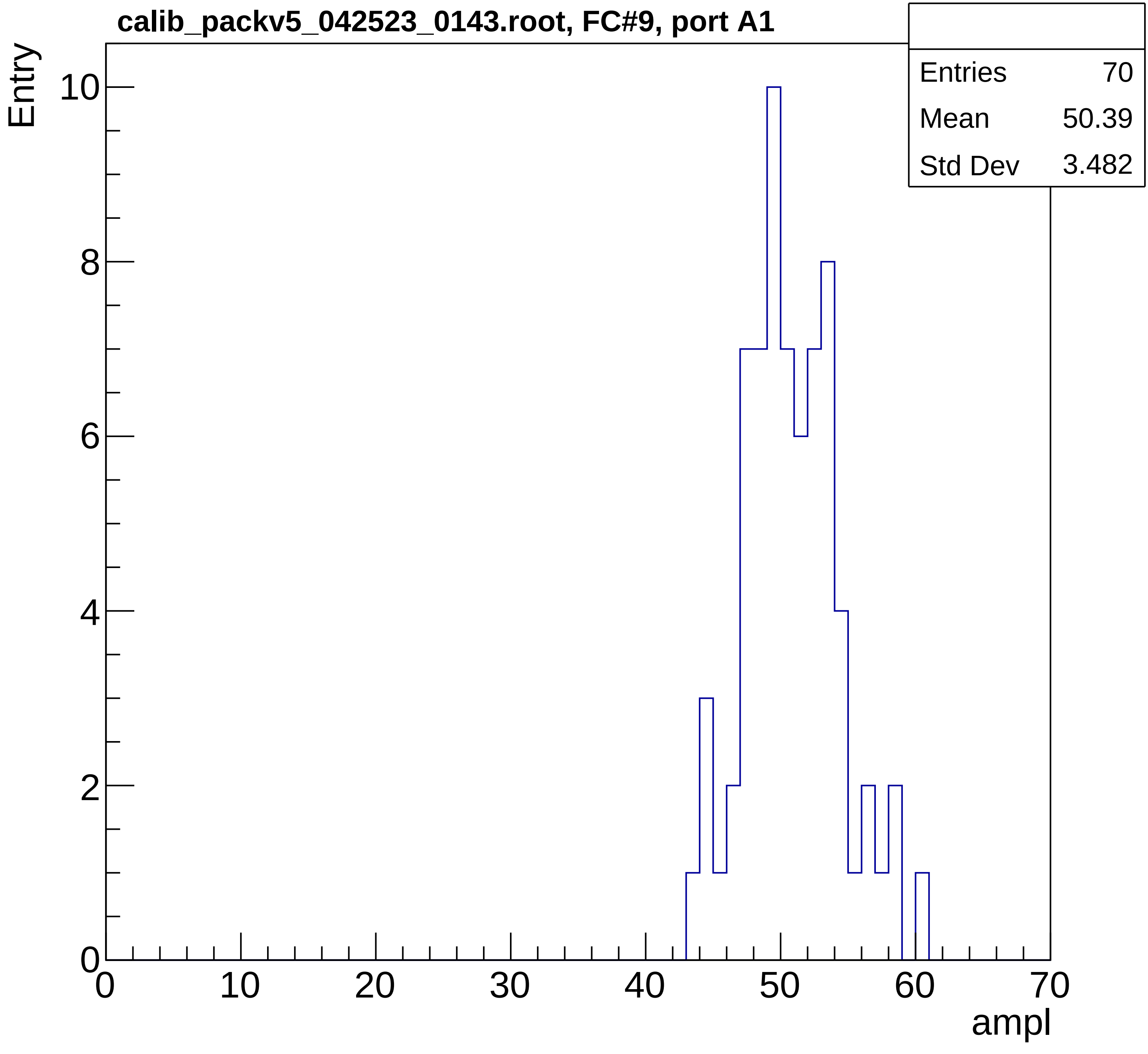
calib_packv5_042523_0143.root, FC#9, port A1



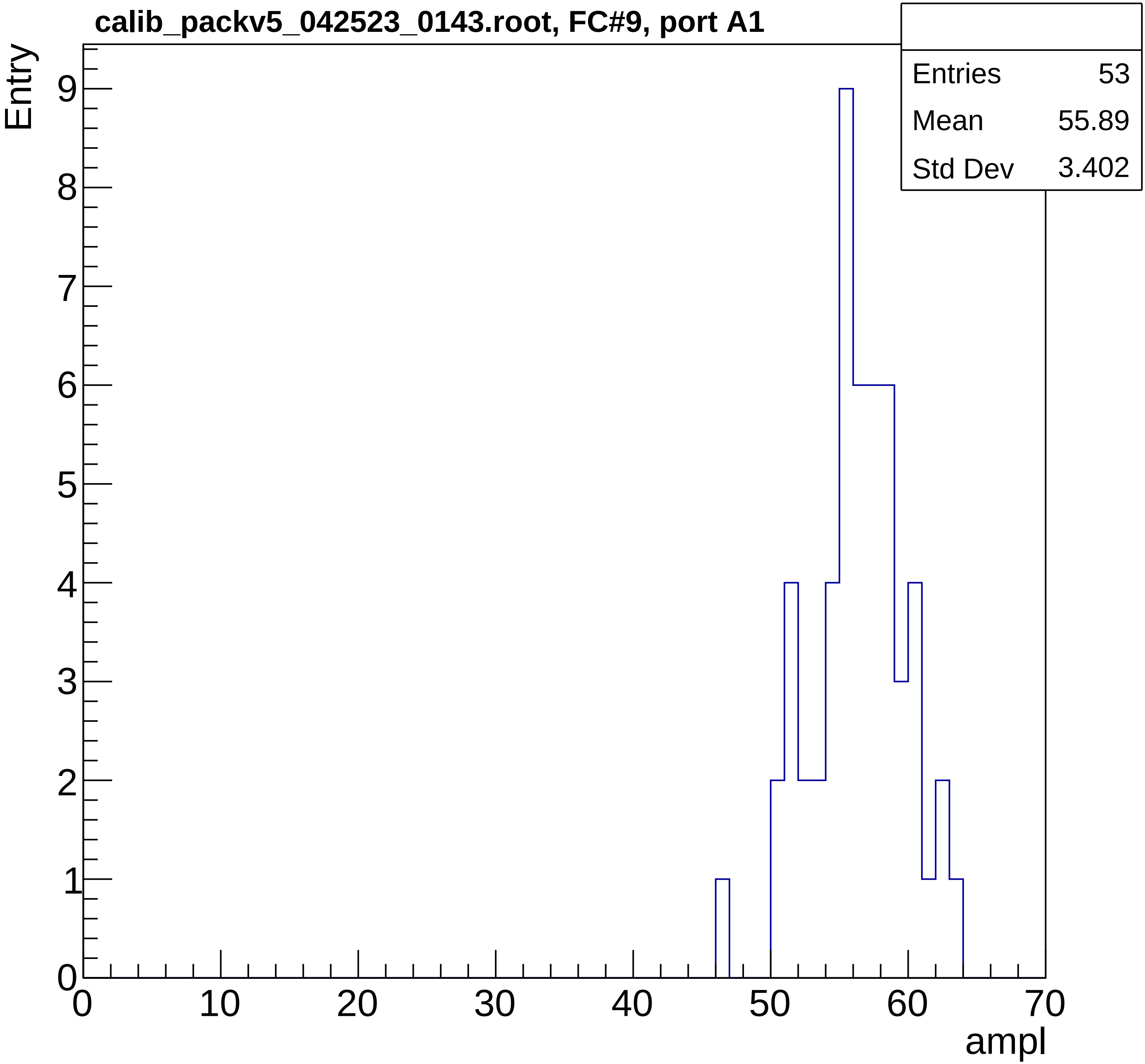

B0L001S, U21-ch109, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 37.24
Std Dev 3.061
Gaus mean : 38.1673
Gaus Width: 3.9363
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

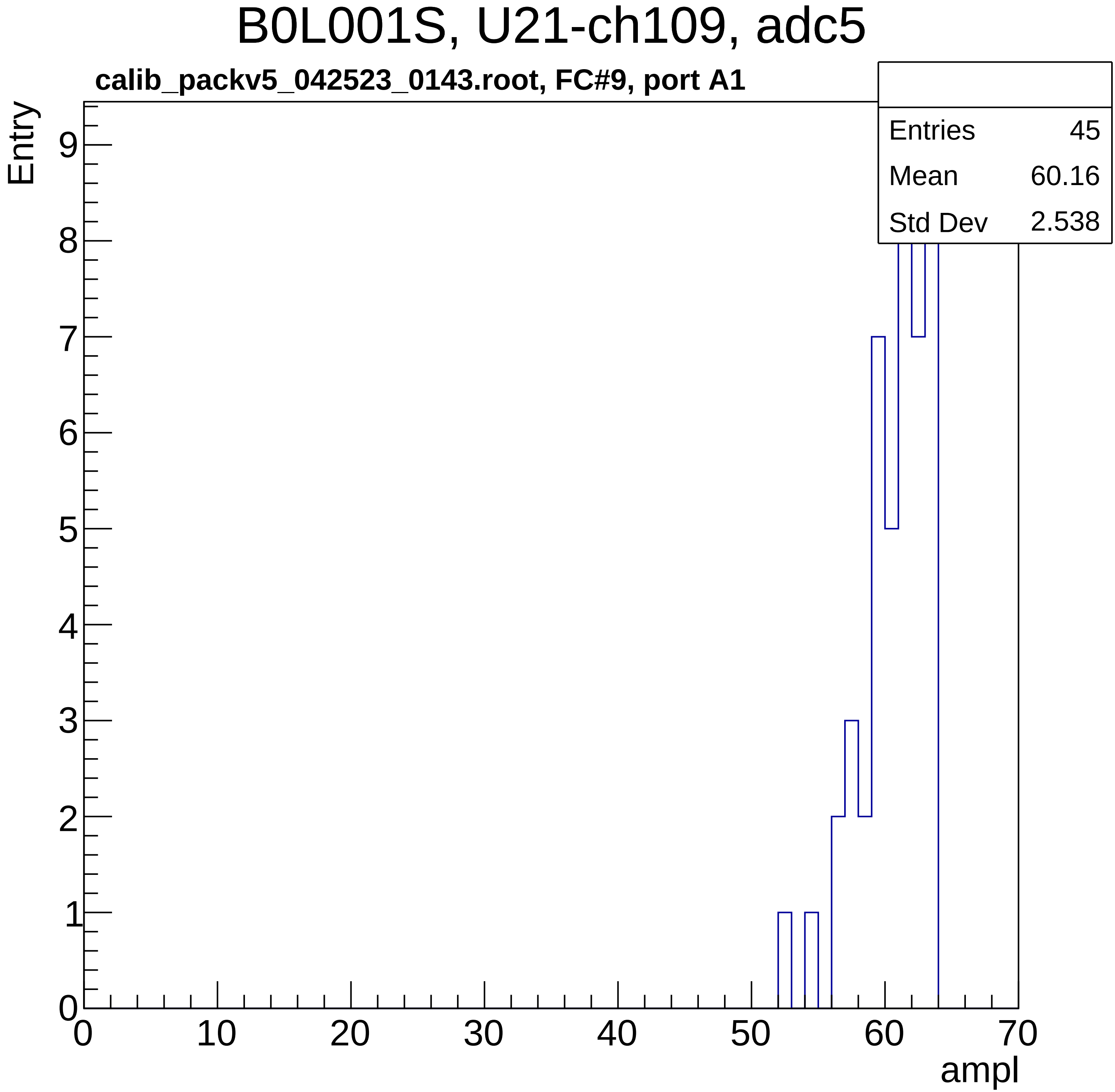

B0L001S, U21-ch109, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 73
Mean 42.58
Std Dev 3.701
Gaus mean : 43.3205
Gaus Width: 3.9923
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch109, adc3

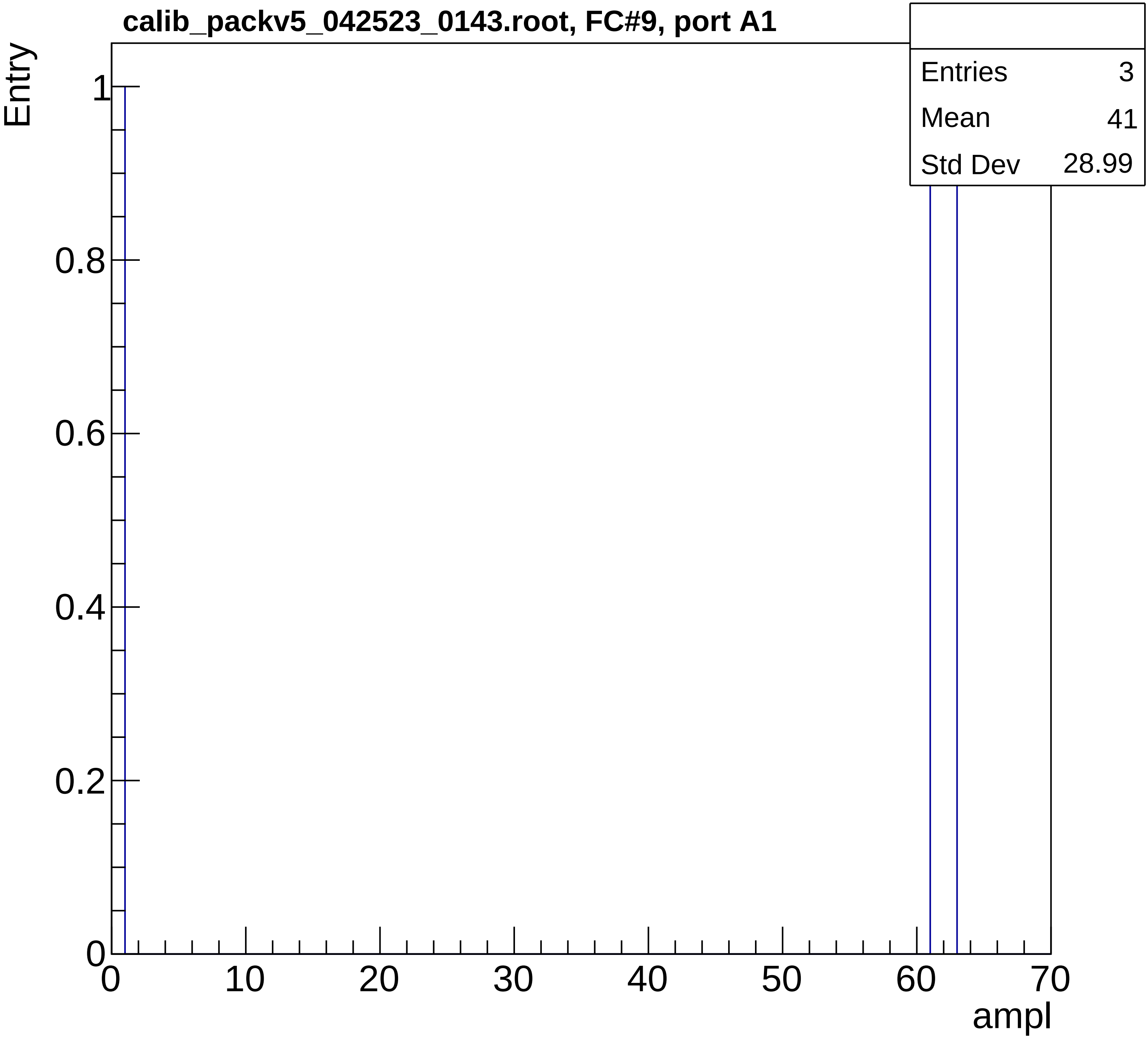


B0L001S, U21-ch109, adc4



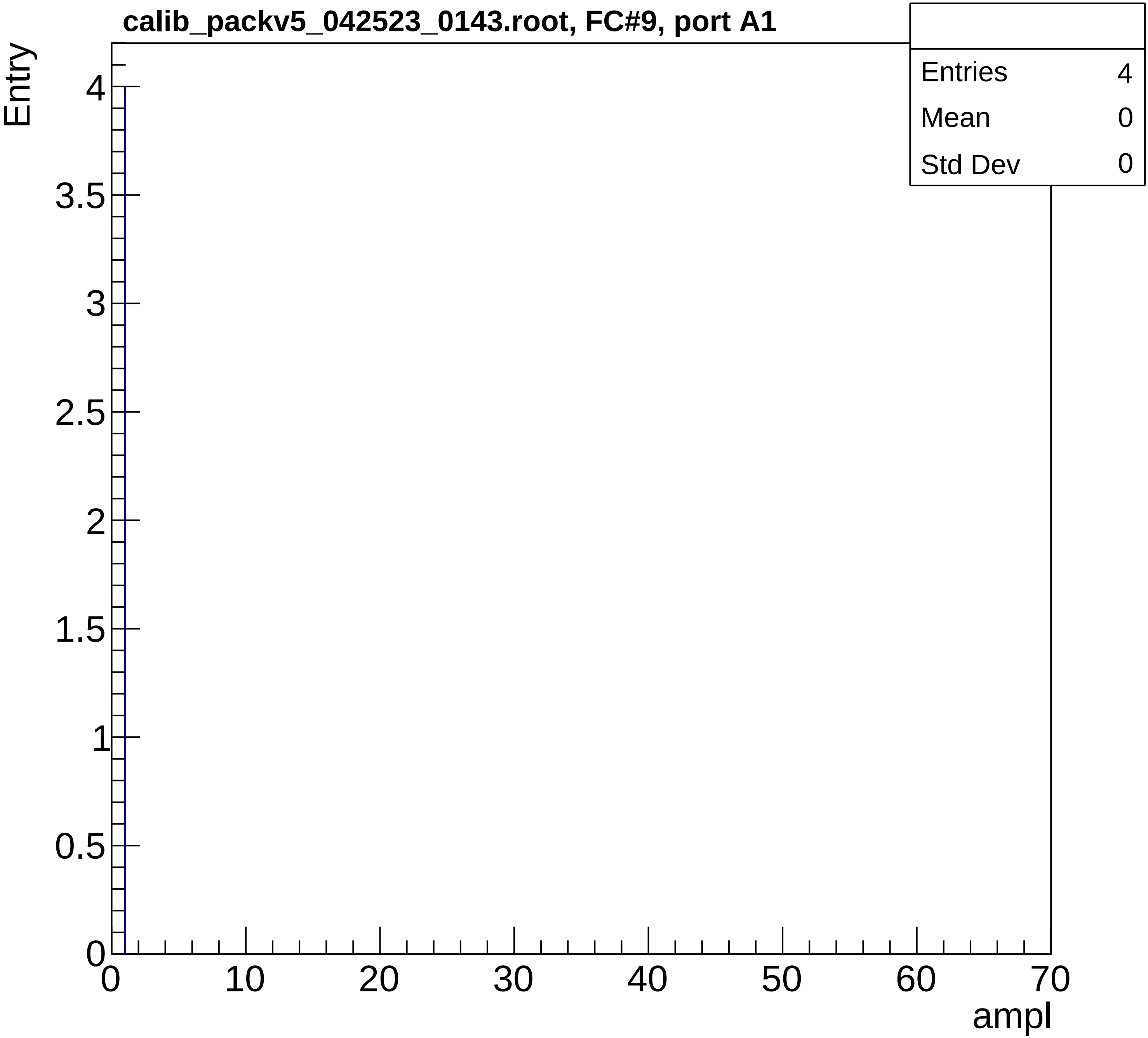

B0L001S, U21-ch109, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 60.16
Std Dev 2.538
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

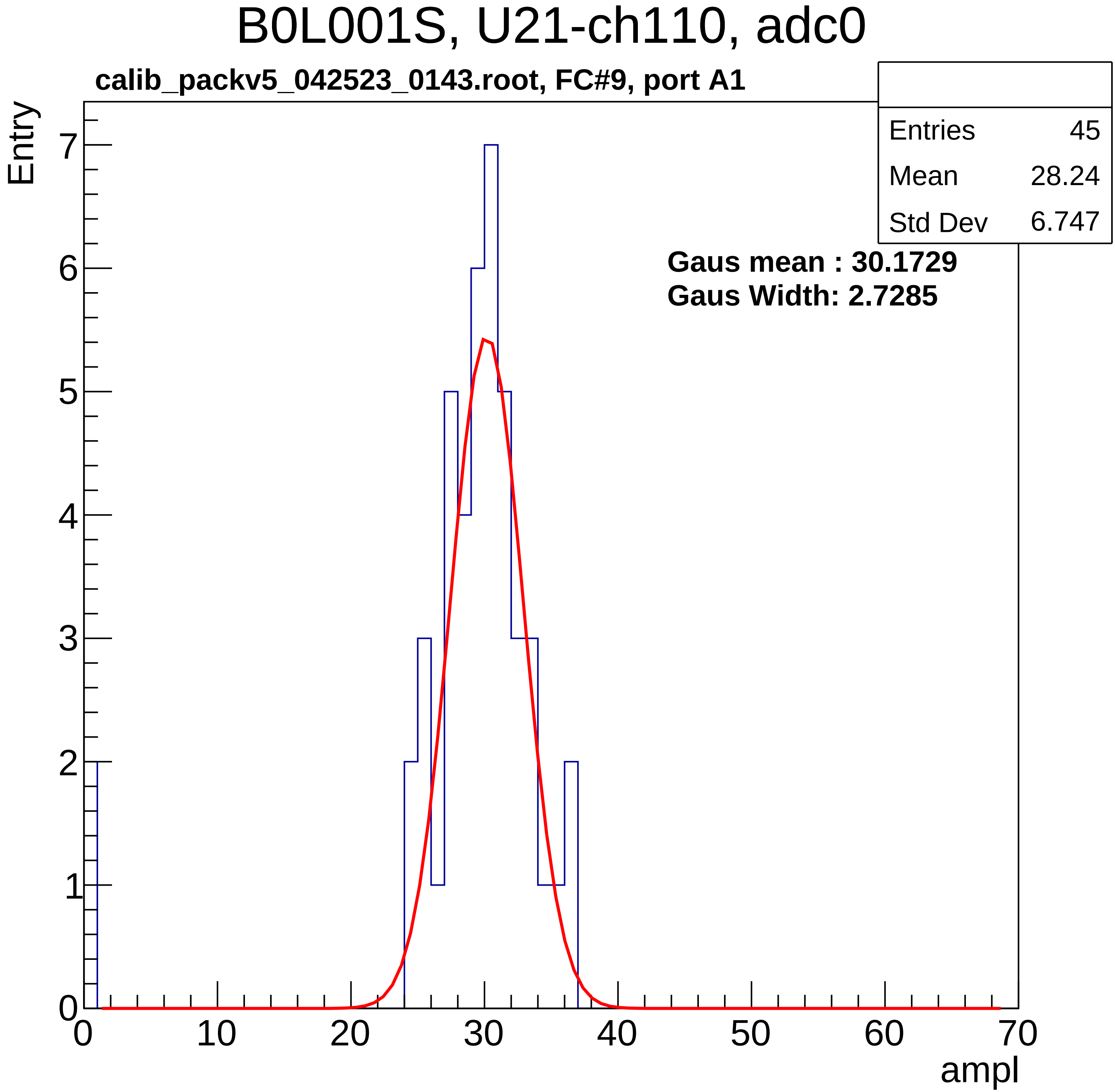
B0L001S, U21-ch109, adc6

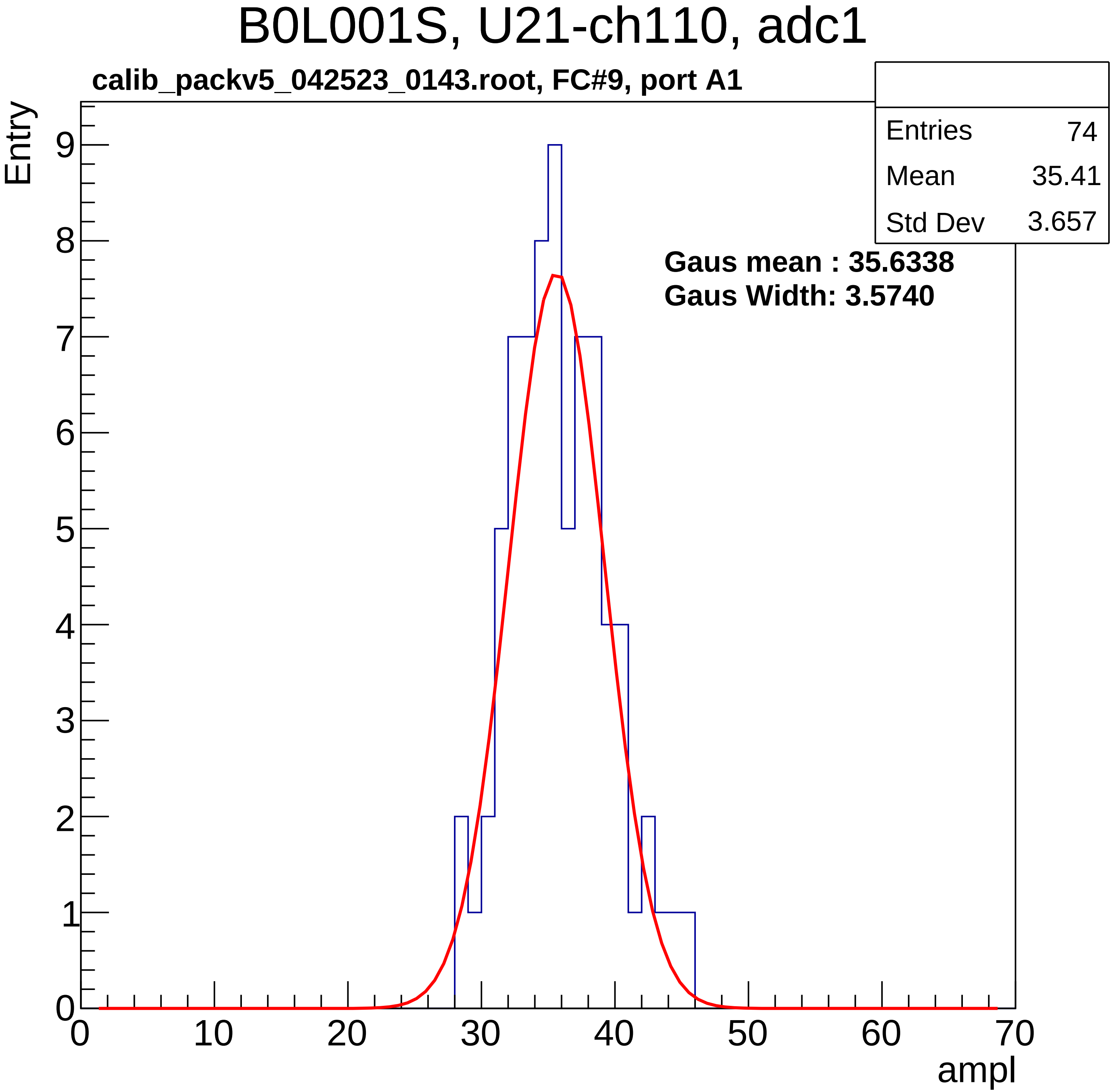


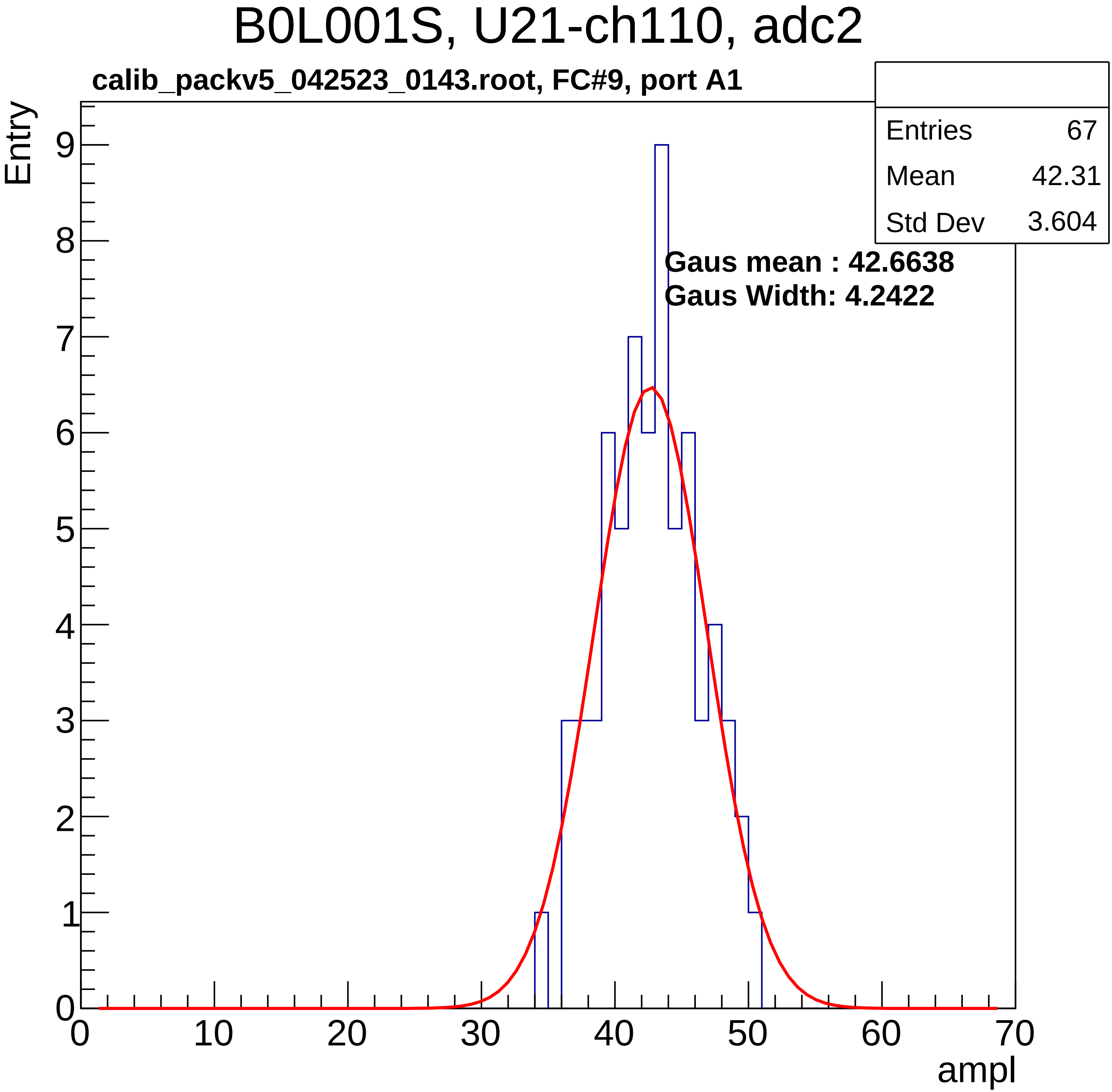
B0L001S, U21-ch109, adc7

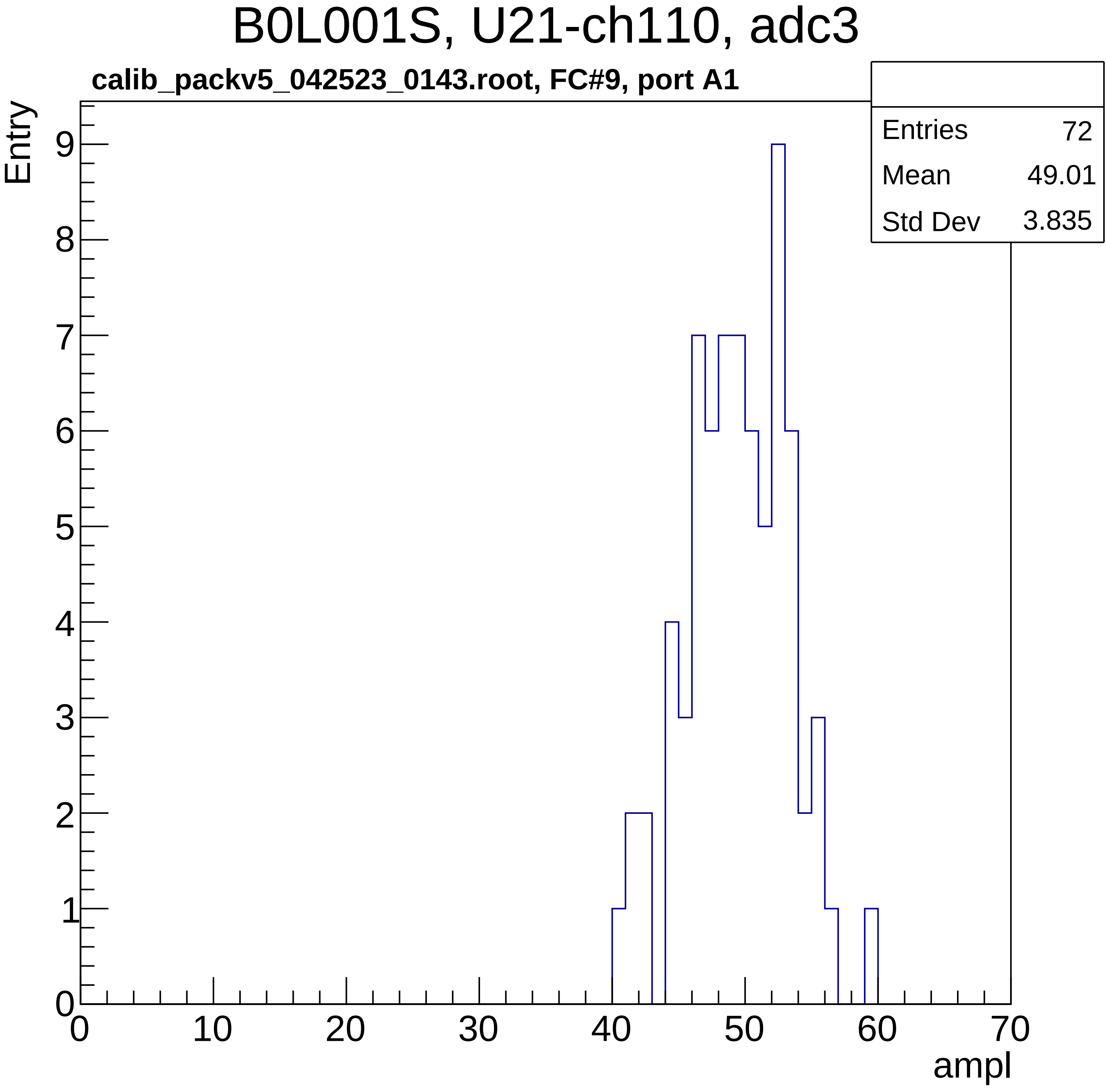
calib_packv5_042523_0143.root, FC#9, port A1

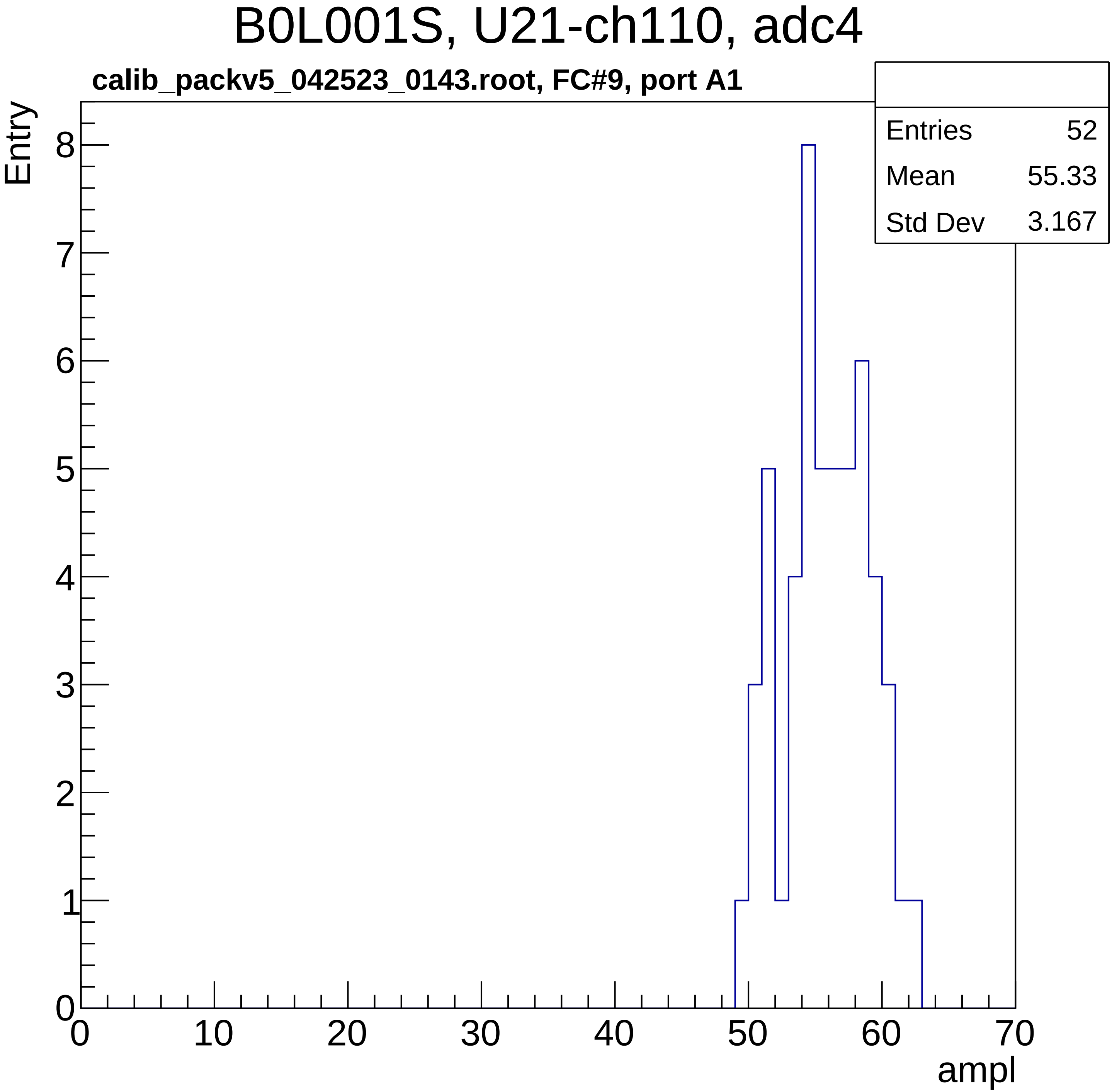



B0L001S, U21-ch110, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 28.24
Std Dev 6.747
Gaus mean : 30.1729
Gaus Width: 2.7285
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

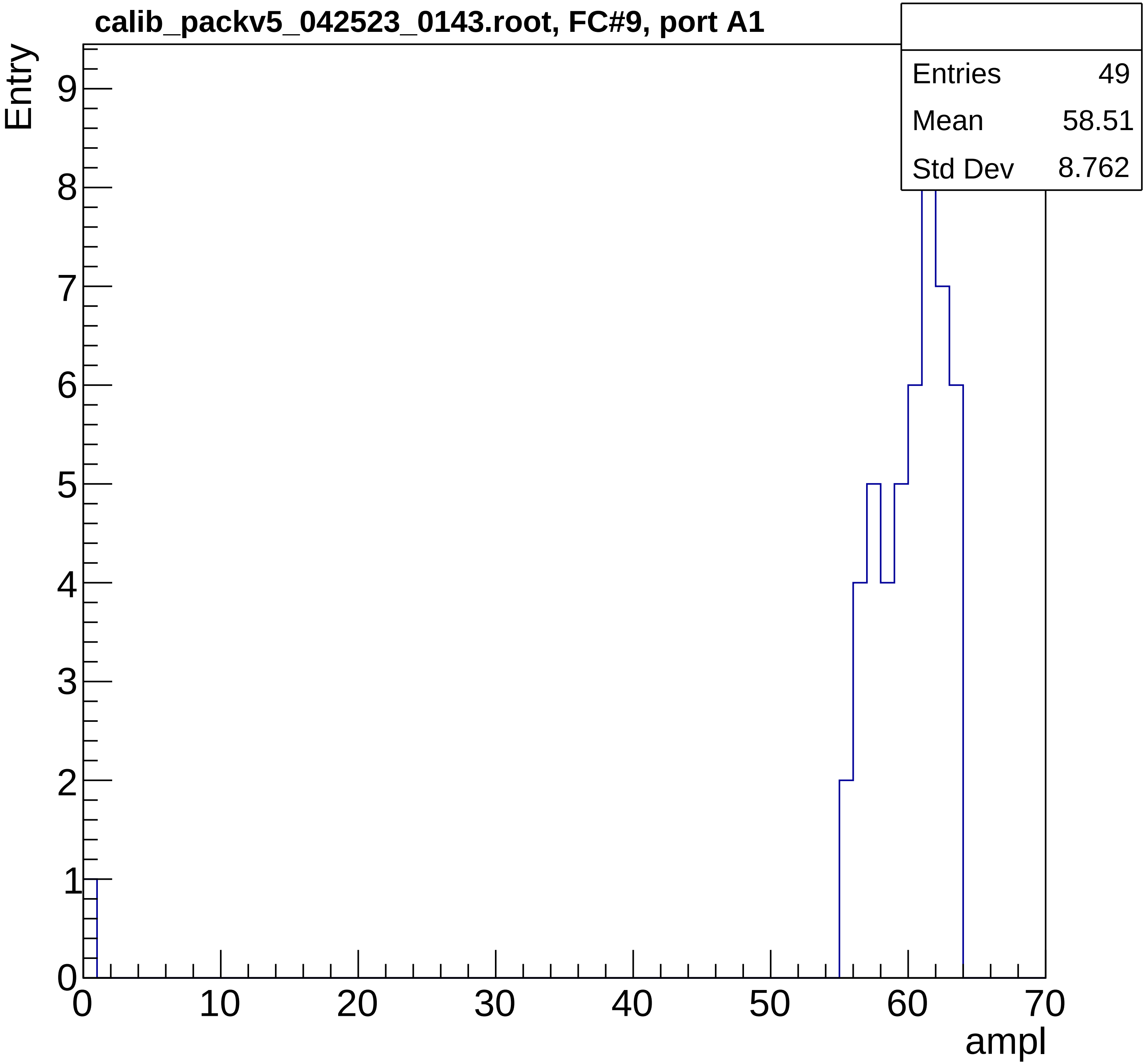

B0L001S, U21-ch110, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 35.41
Std Dev 3.657
Gaus mean : 35.6338
Gaus Width: 3.5740
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch110, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 42.31
Std Dev 3.604
Gaus mean : 42.6638
Gaus Width: 4.2422
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

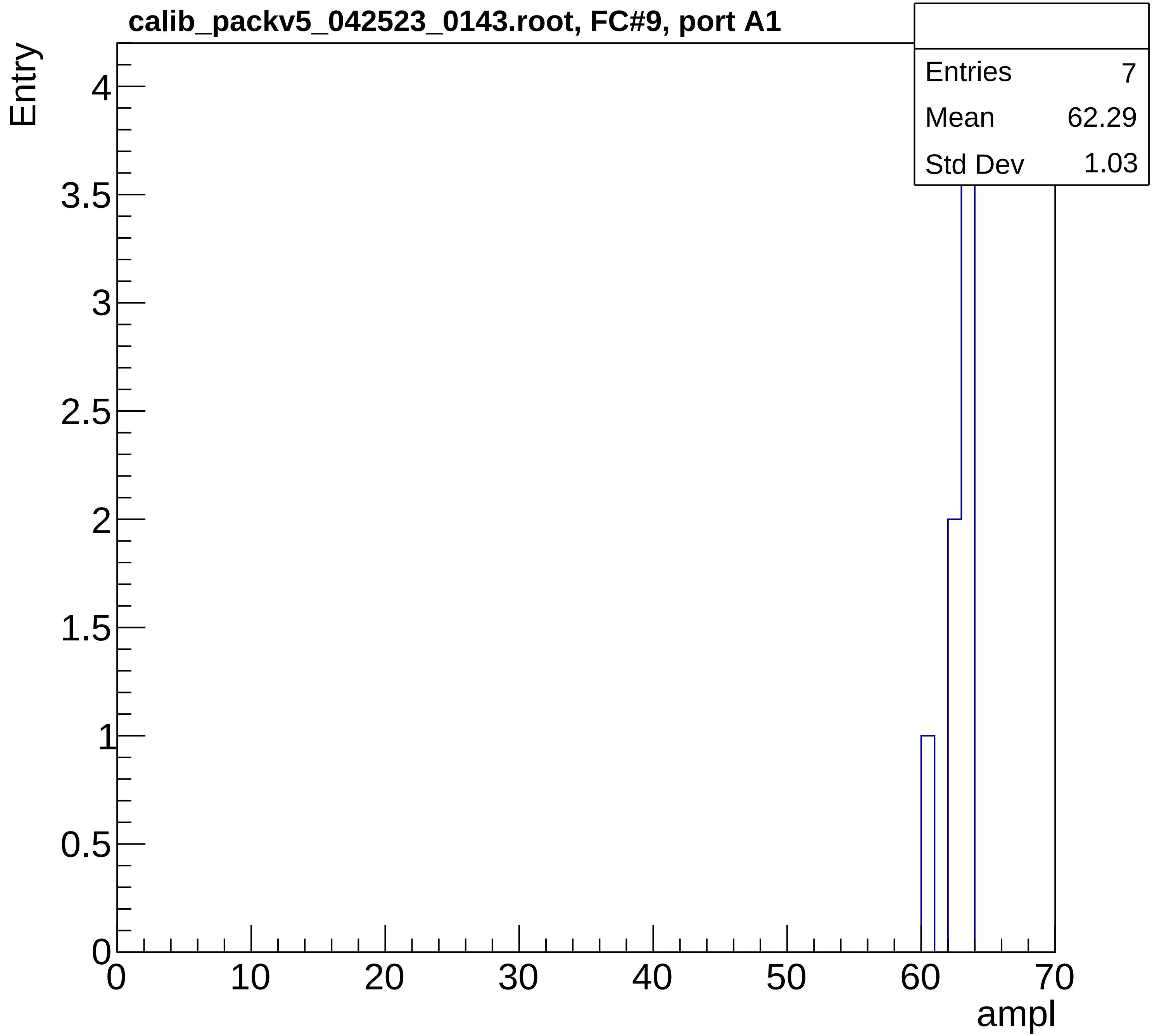

B0L001S, U21-ch110, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 49.01
Std Dev 3.835
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

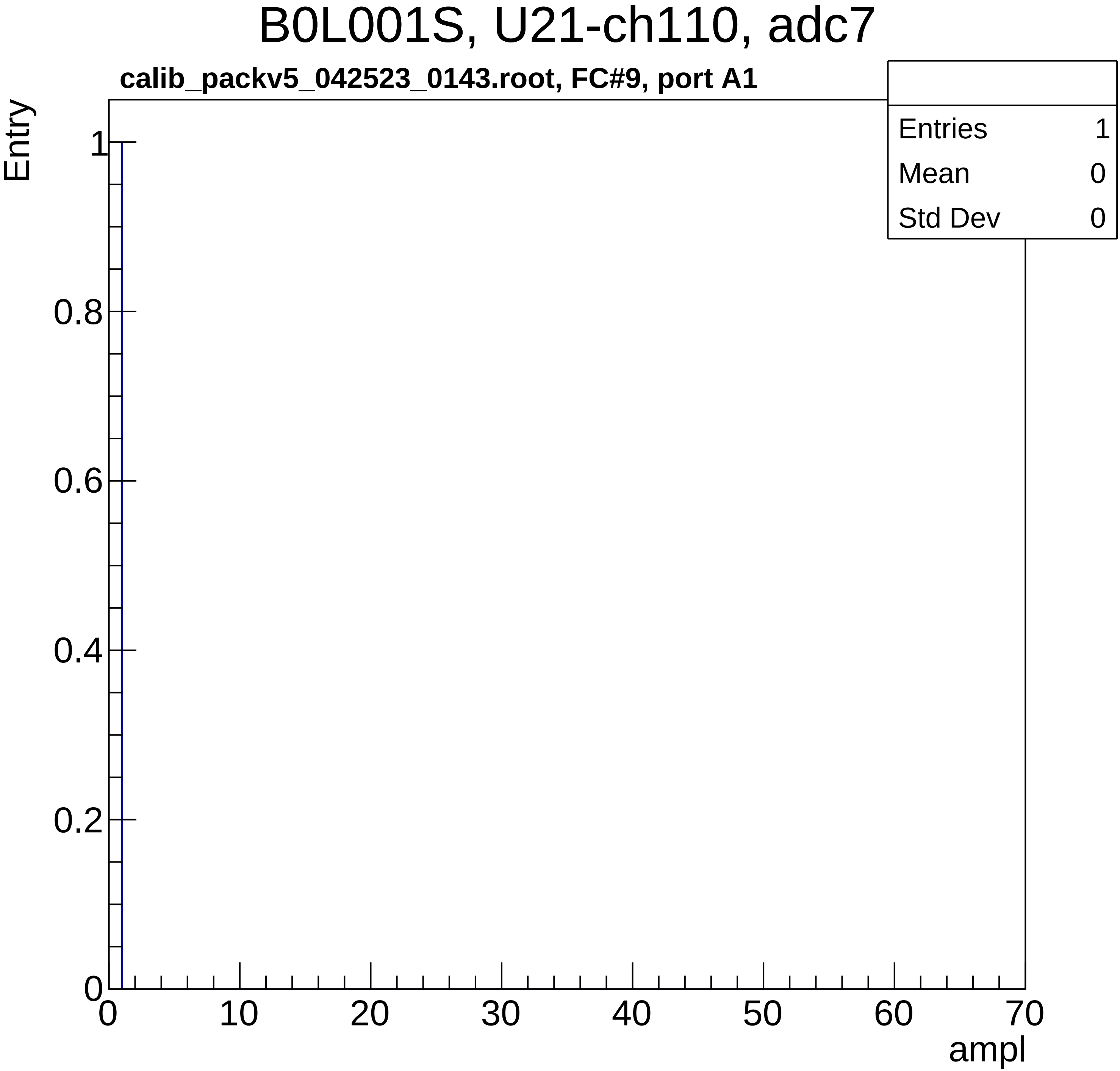

B0L001S, U21-ch110, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 55.33
Std Dev 3.167
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

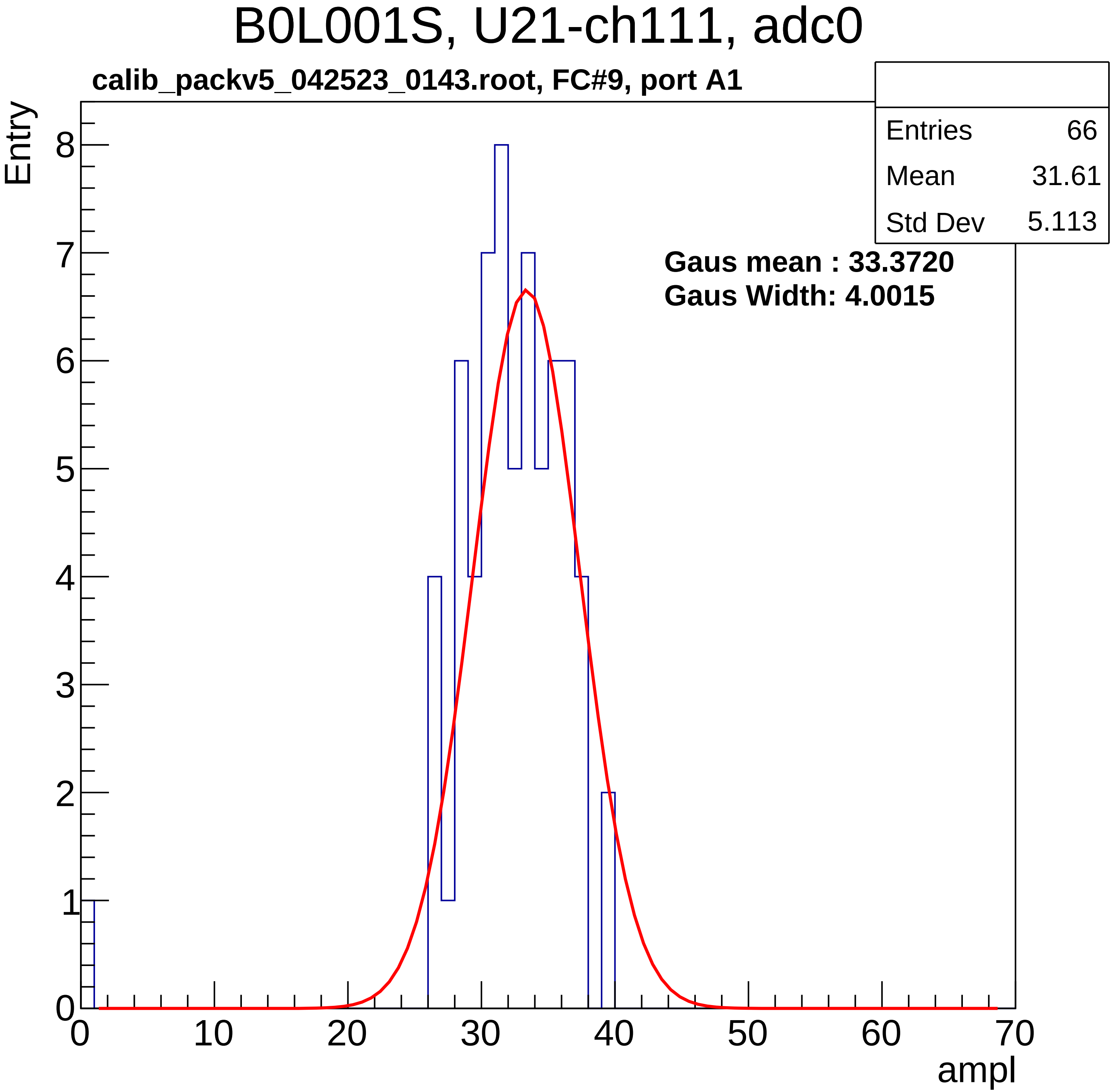
B0L001S, U21-ch110, adc5

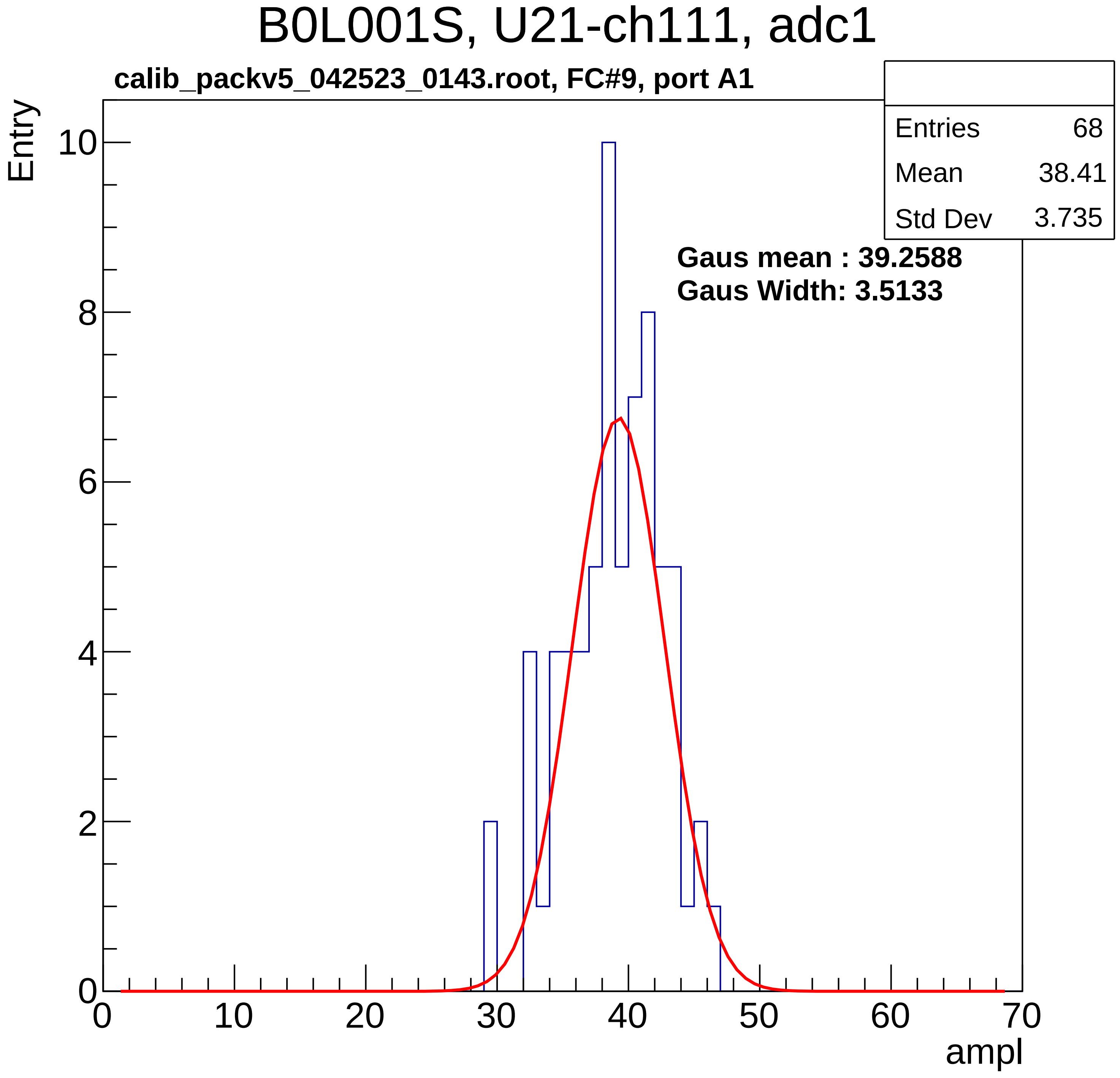


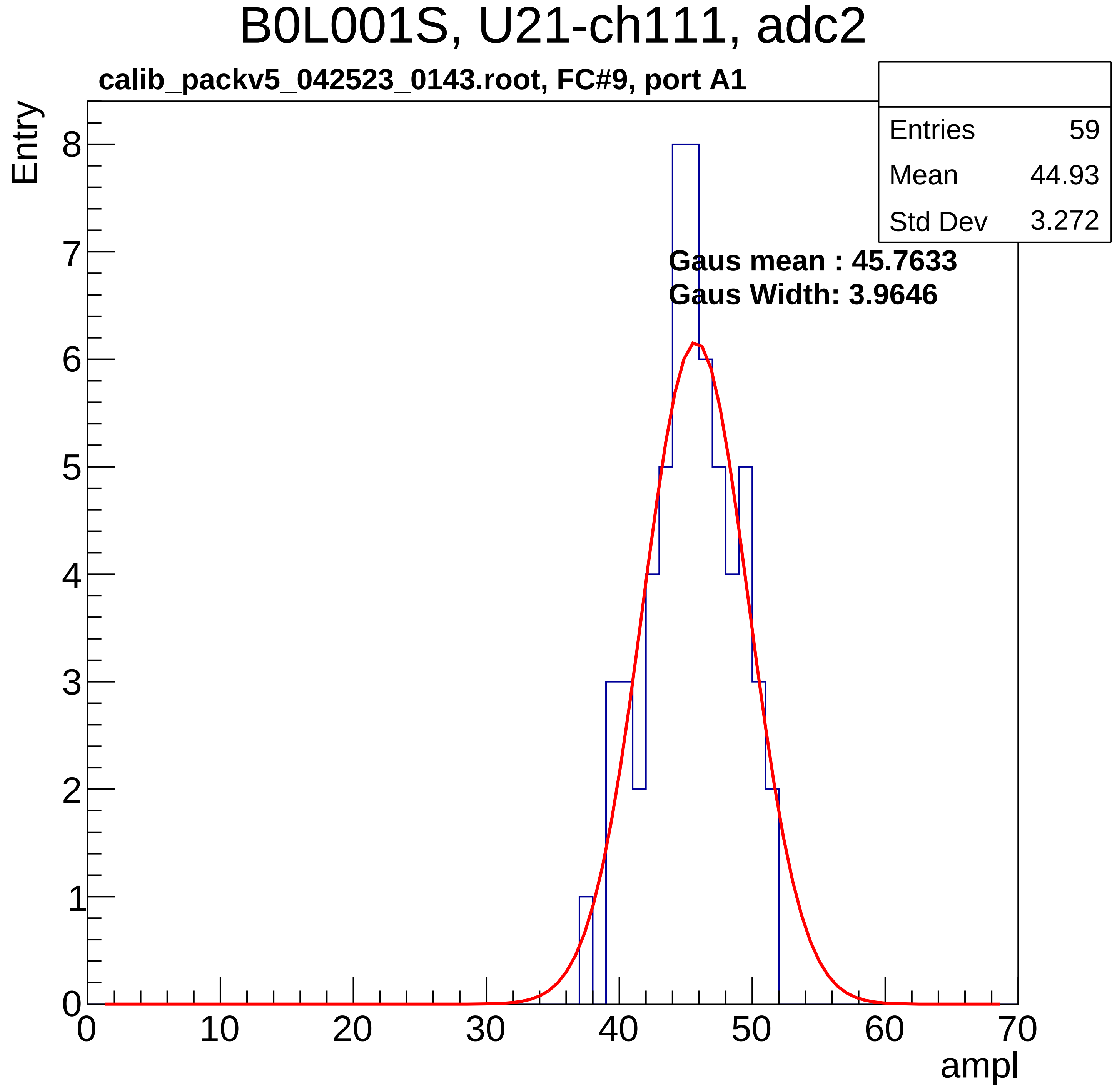
B0L001S, U21-ch110, adc6



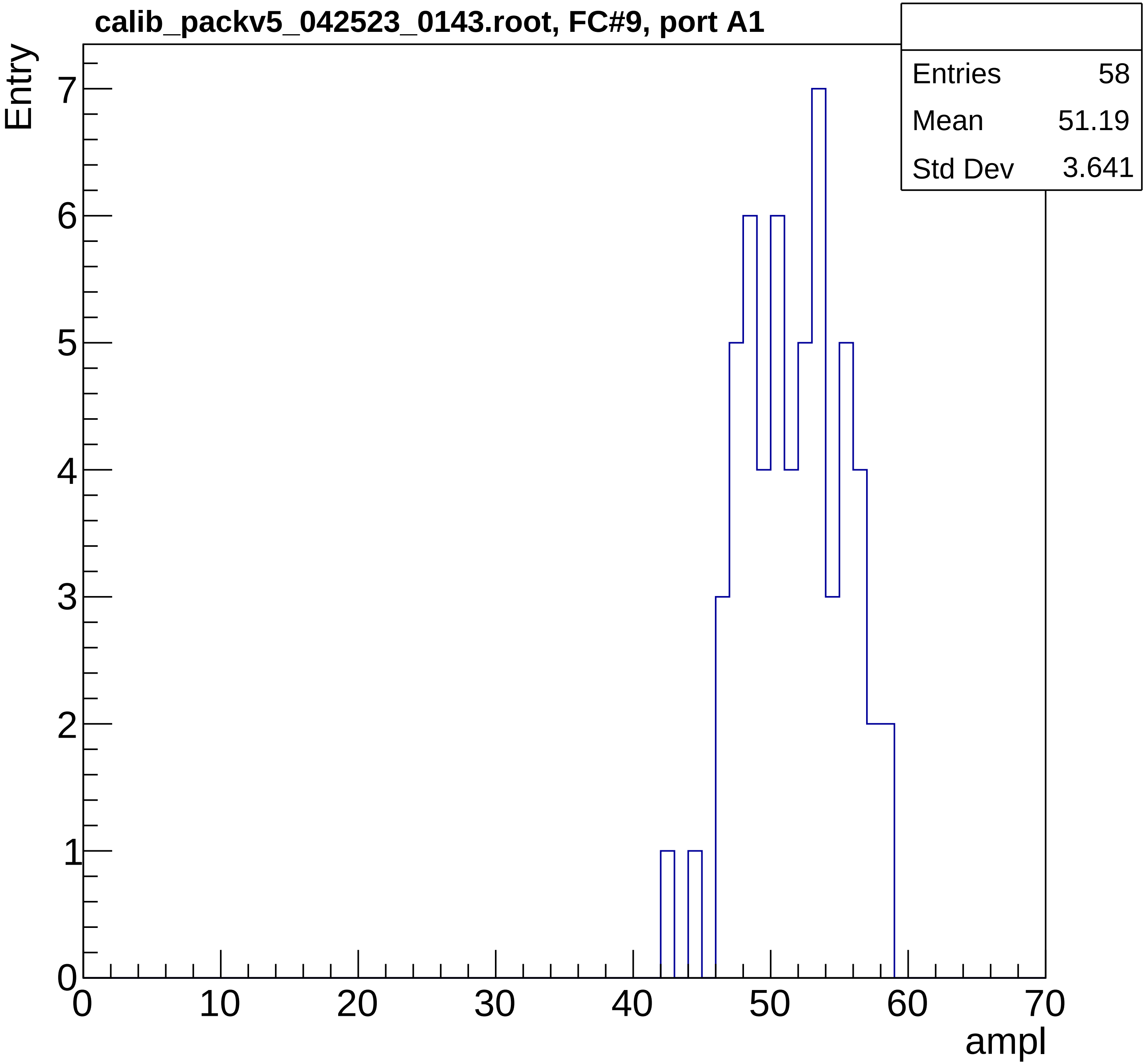

B0L001S, U21-ch110, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

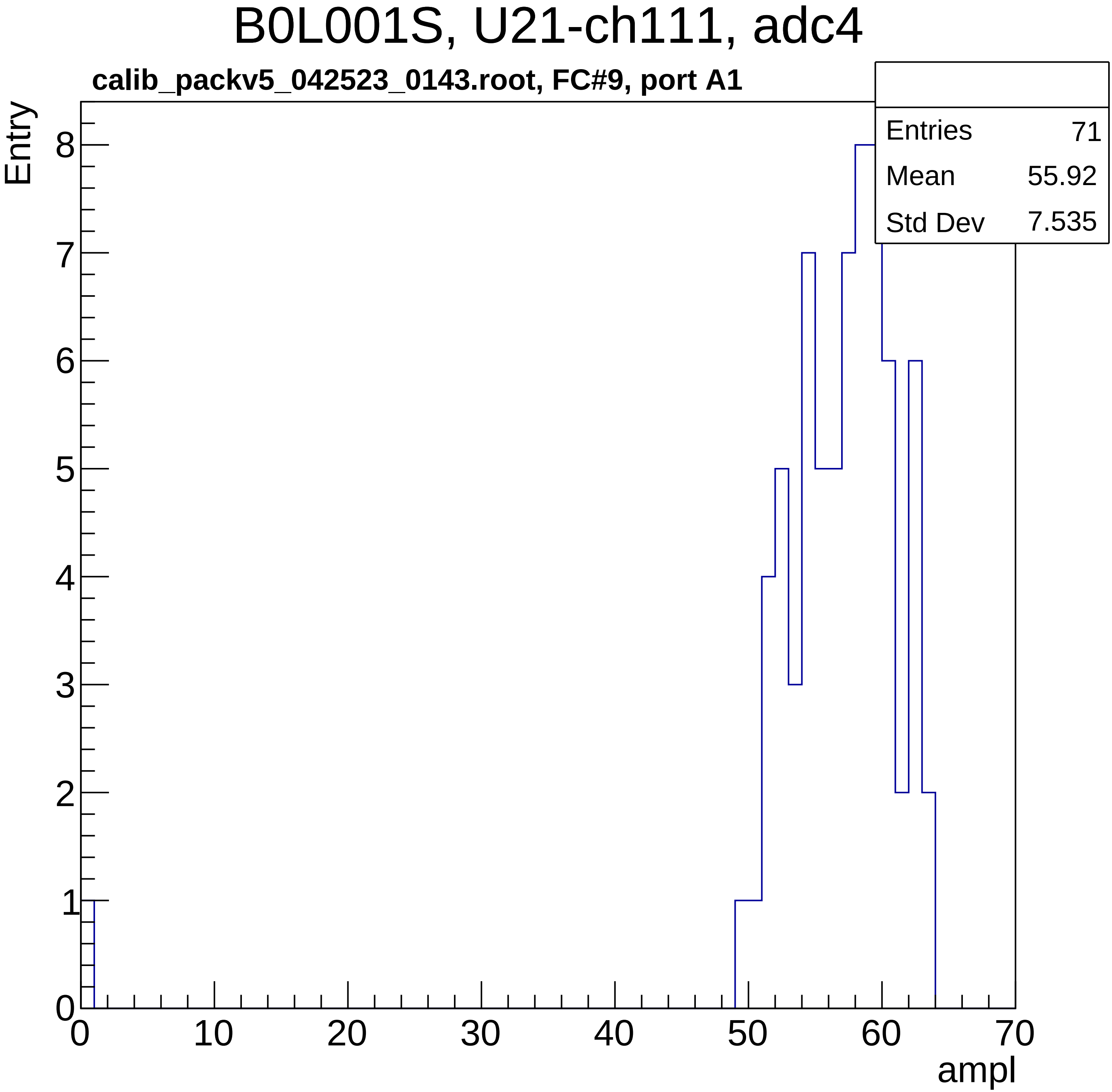

B0L001S, U21-ch111, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 31.61
Std Dev 5.113
Gaus mean : 33.3720
Gaus Width: 4.0015
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

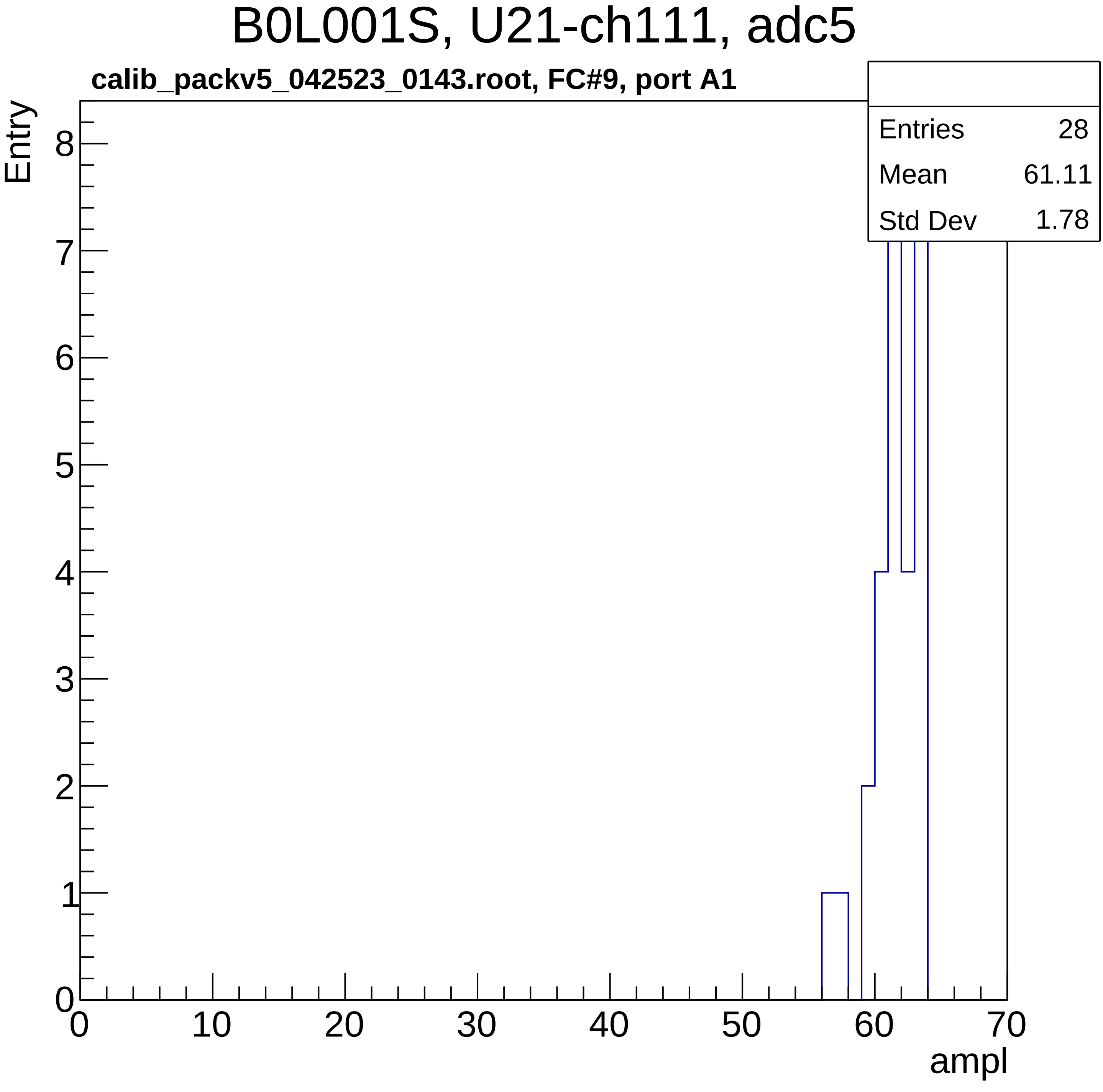

B0L001S, U21-ch111, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 38.41
Std Dev 3.735
Gaus mean : 39.2588
Gaus Width: 3.5133
Entry
10
8
6
4
2
0
0
10
20
30
40
50
60
70
ampl

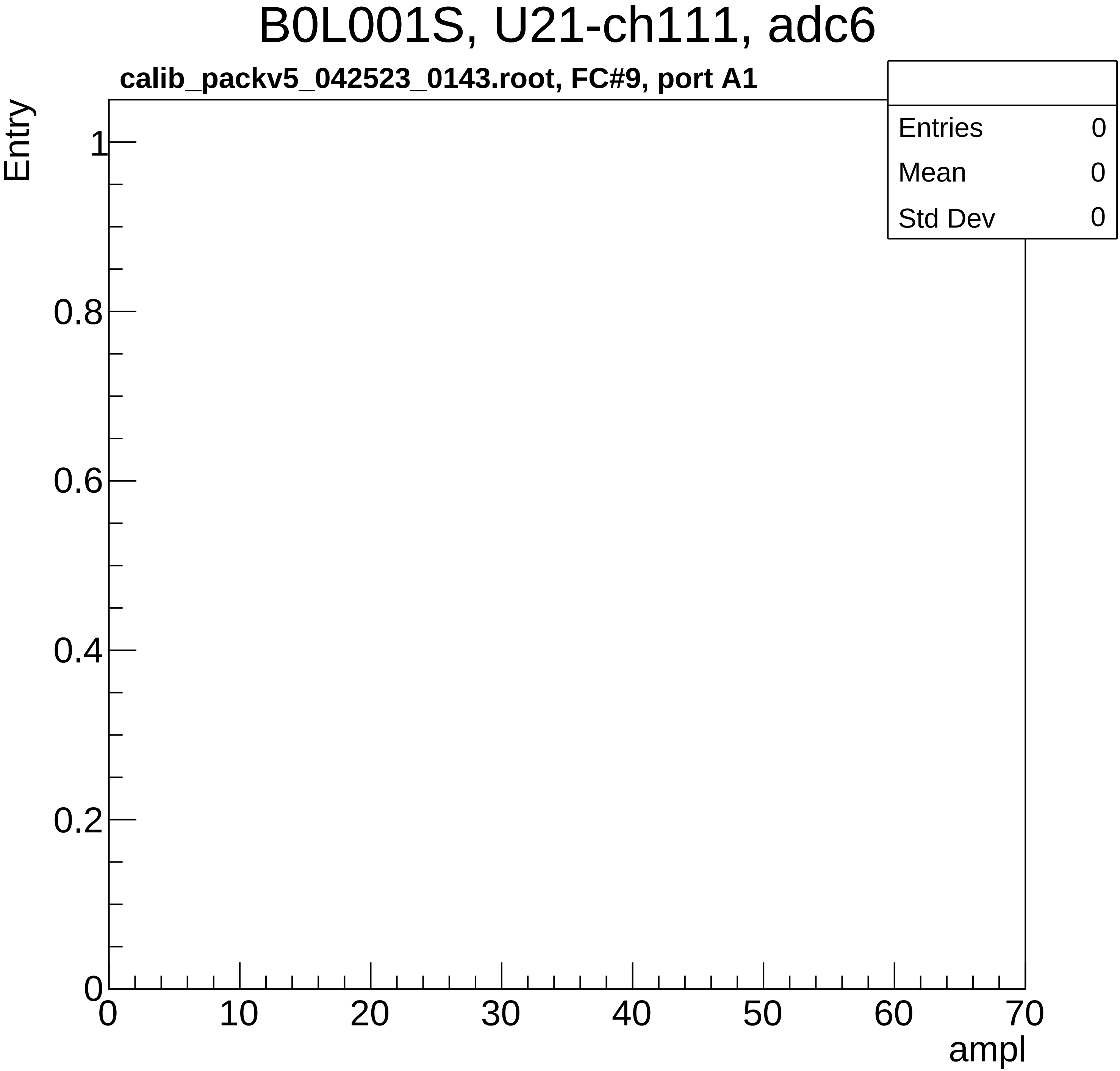

B0L001S, U21-ch111, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 44.93
Std Dev 3.272
Gaus mean : 45.7633
Gaus Width: 3.9646
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

B0L001S, U21-ch111, adc3

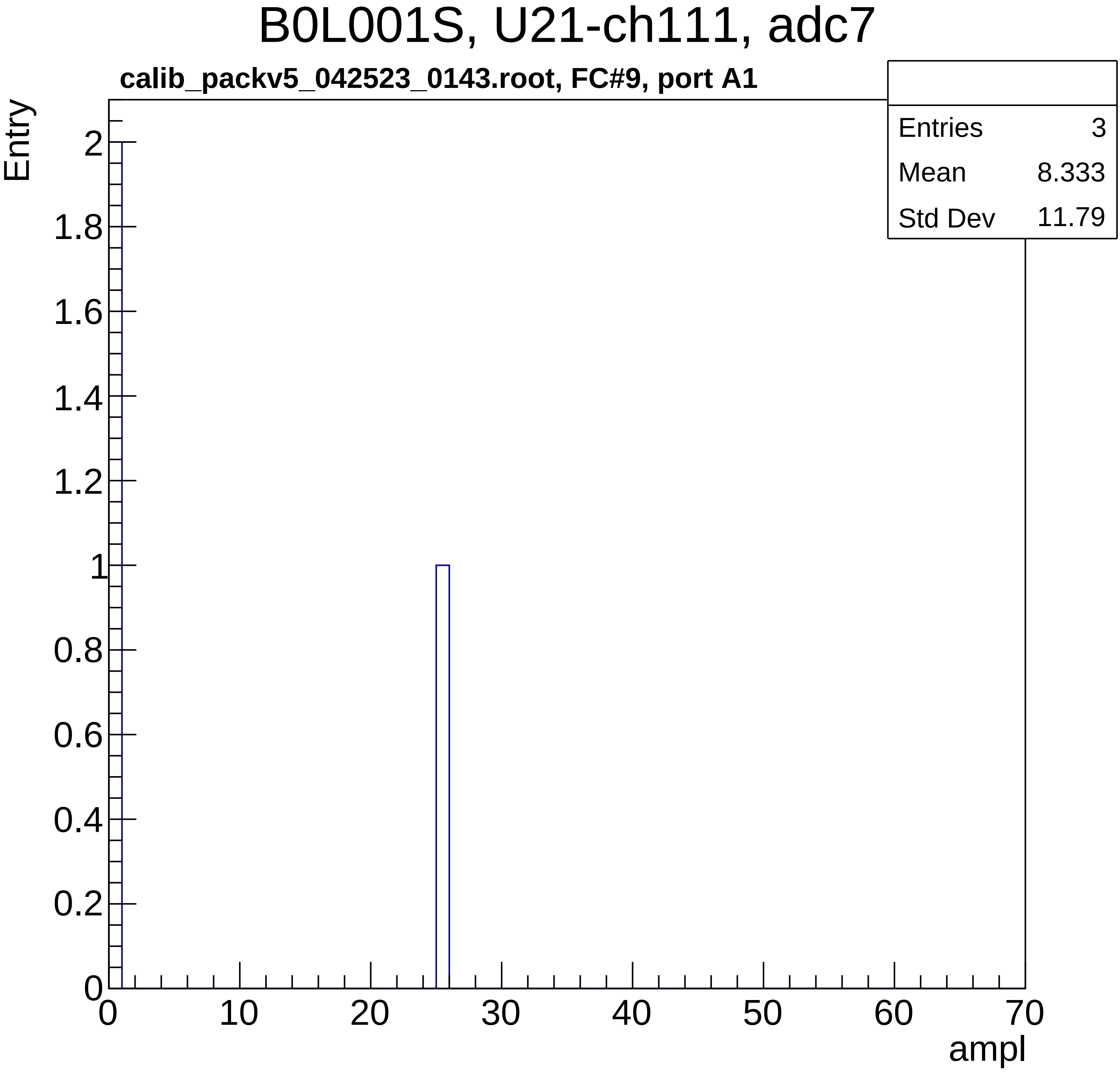


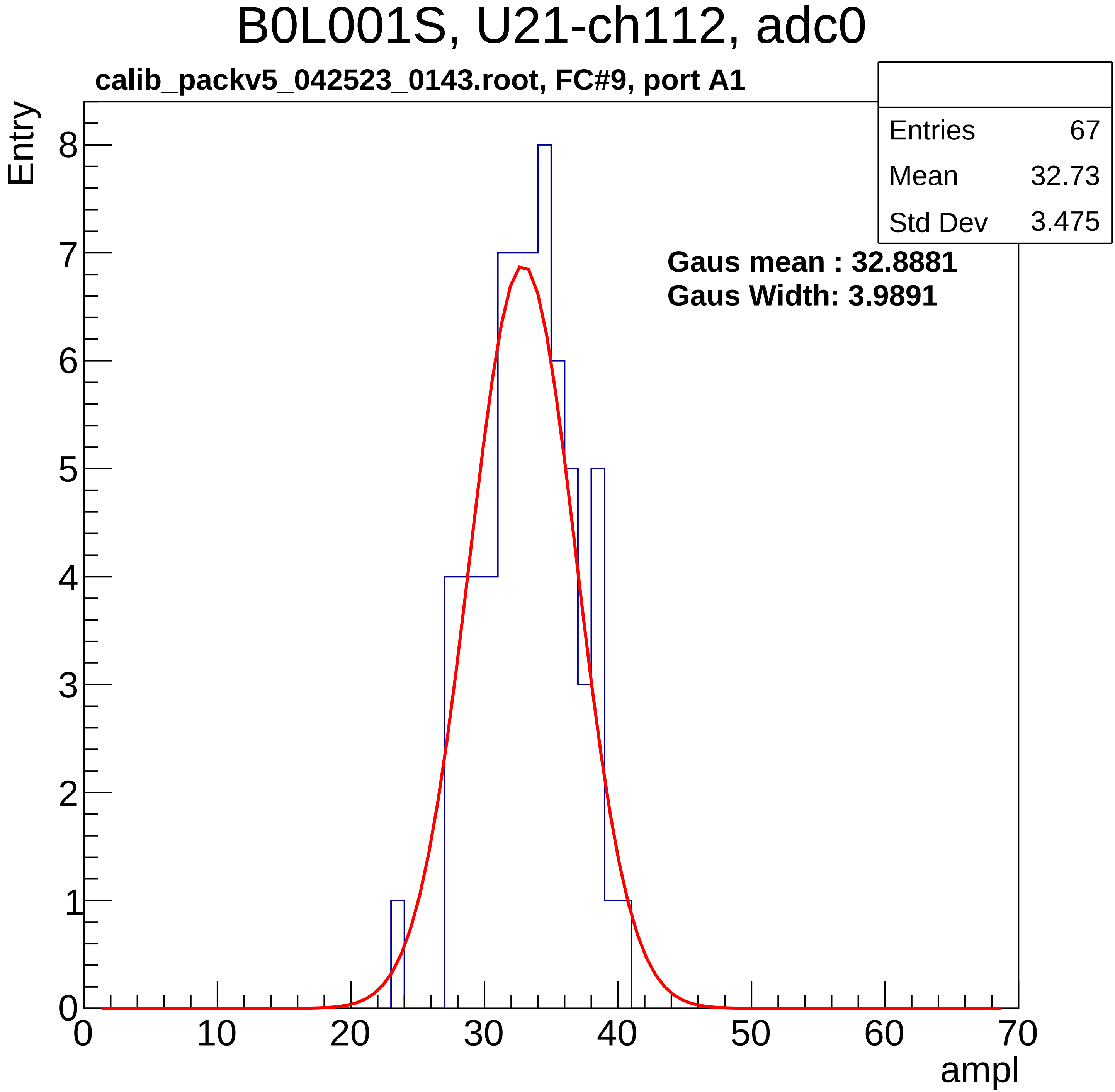

B0L001S, U21-ch111, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 55.92
Std Dev 7.535
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

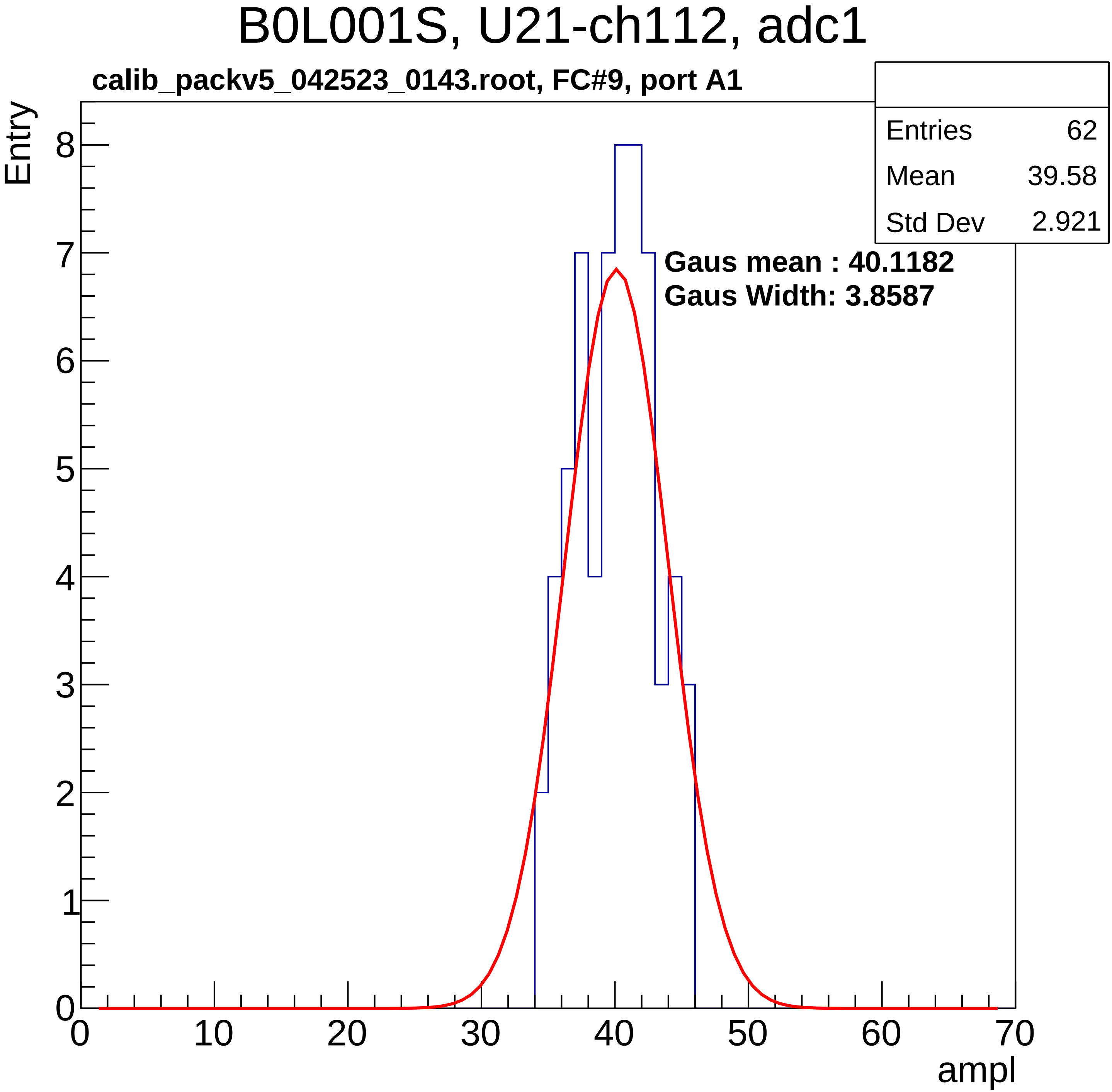

B0L001S, U21-ch111, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 61.11
Std Dev 1.78
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

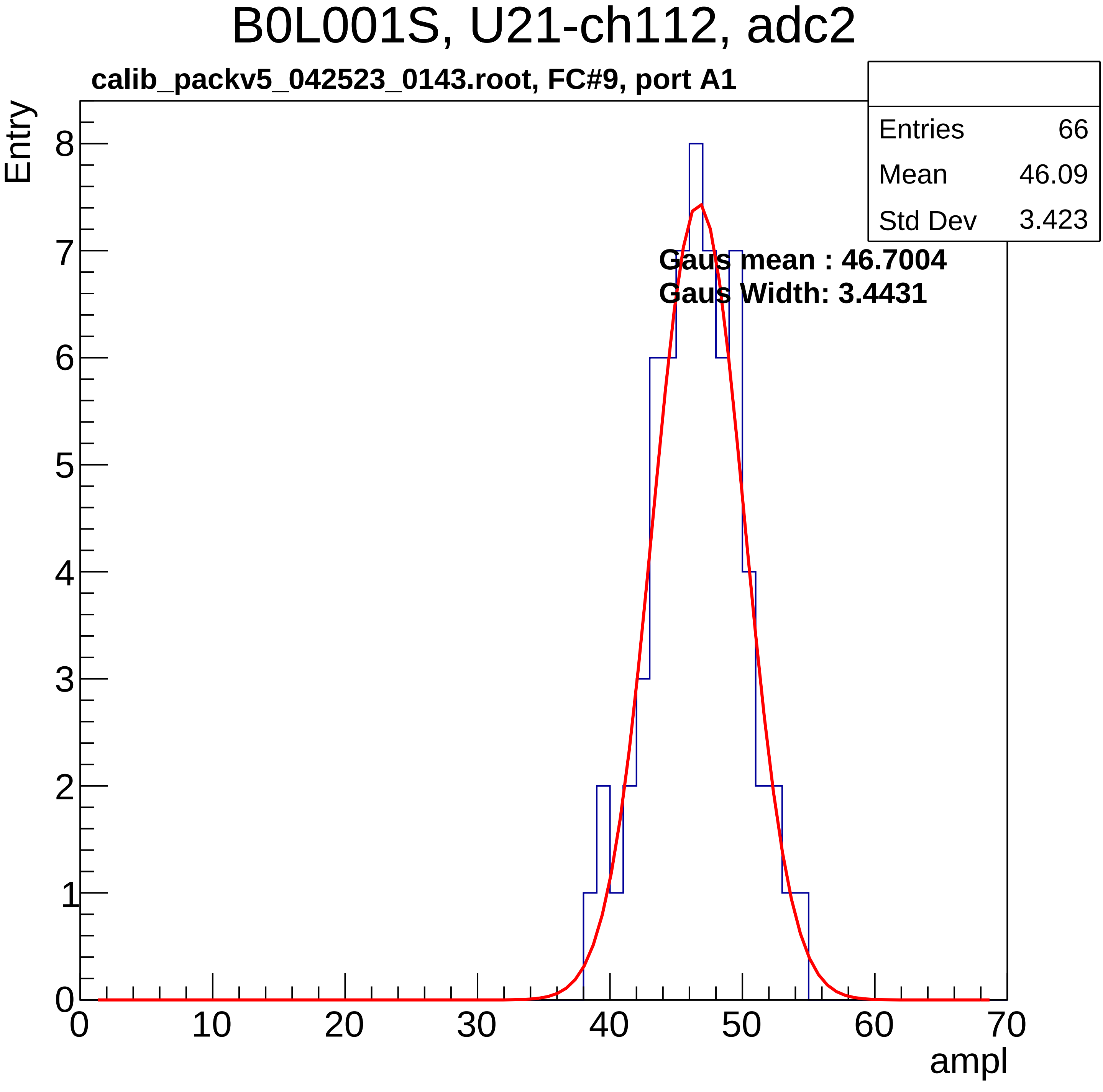


B0L001S, U21-ch111, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

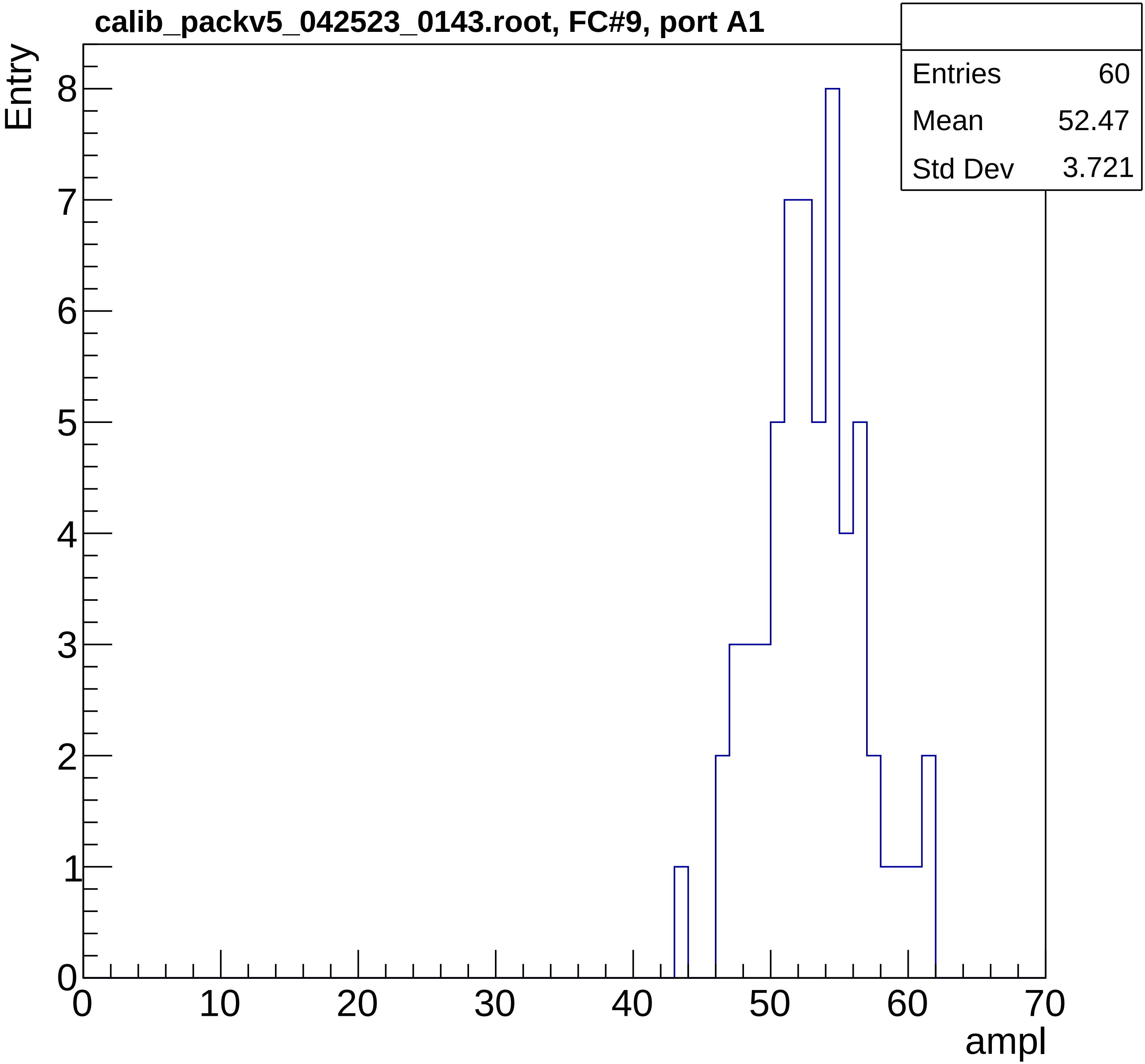

B0L001S, U21-ch111, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 8.333
Std Dev 11.79
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

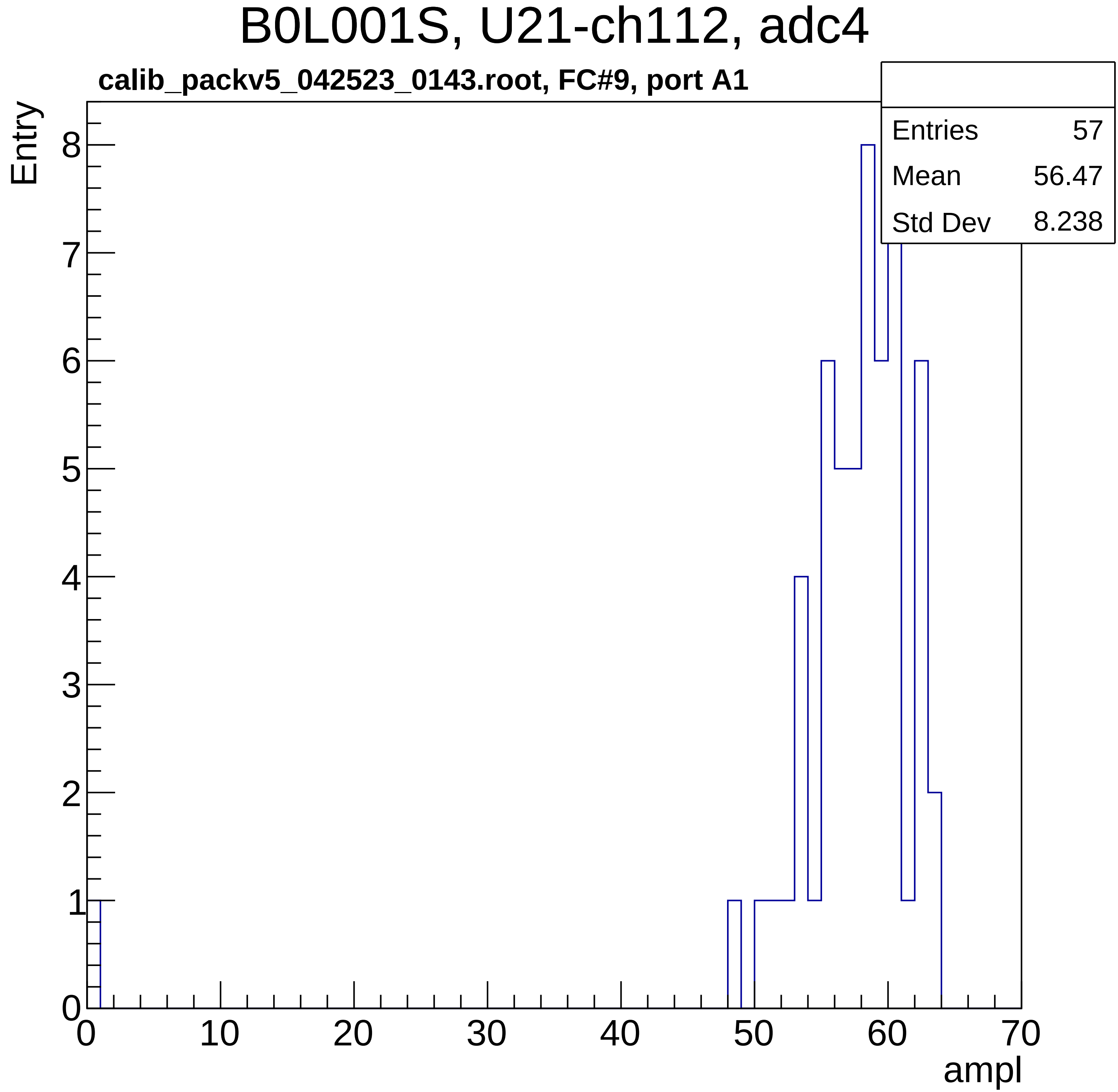

B0L001S, U21-ch112, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 67
Mean 32.73
Std Dev 3.475
Gaus mean : 32.8881
Gaus Width: 3.9891
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch112, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 39.58
Std Dev 2.921
Gaus mean : 40.1182
Gaus Width: 3.8587
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

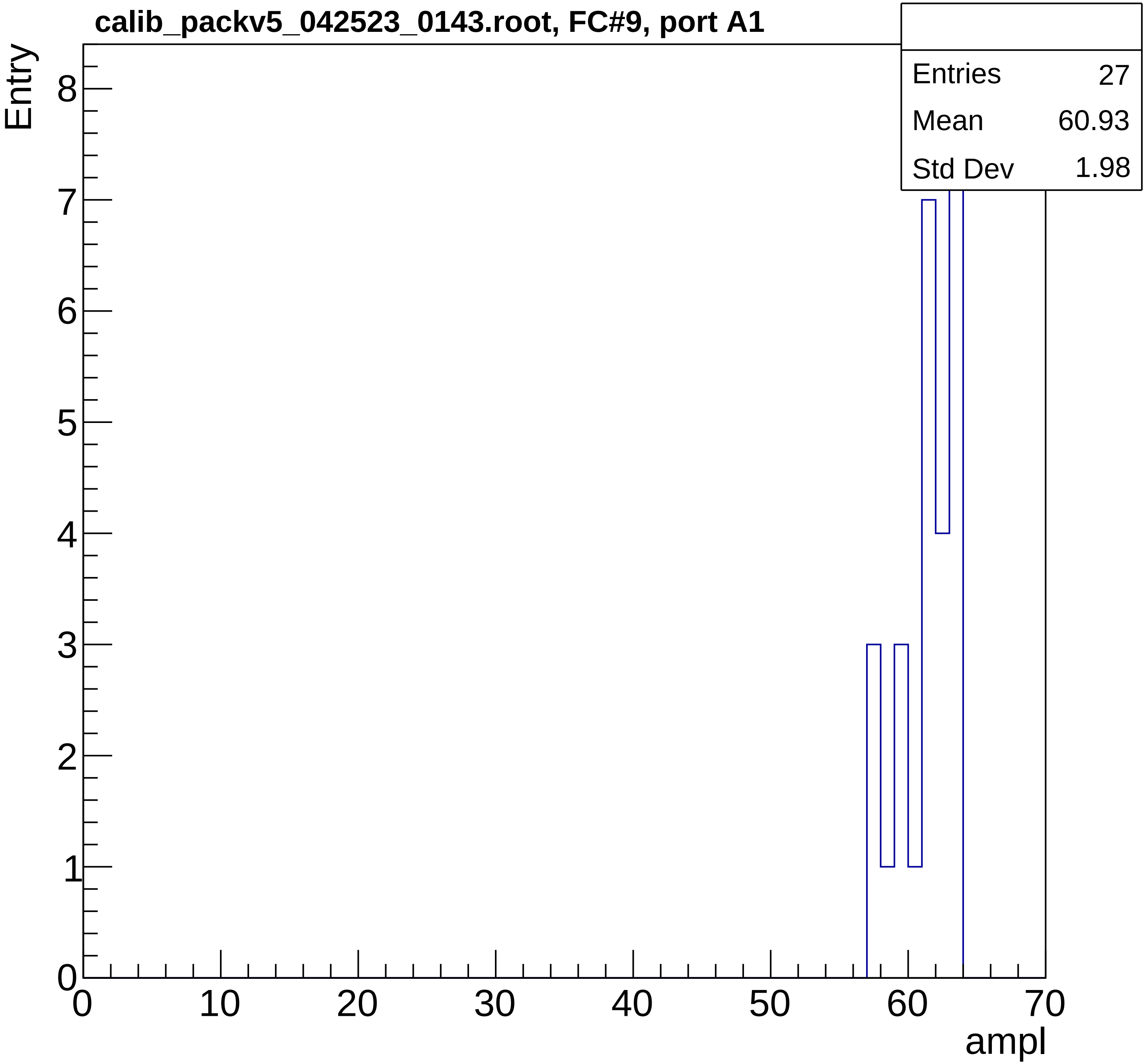

B0L001S, U21-ch112, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 66
Mean 46.09
Std Dev 3.423
Gaus mean : 46.7004
Gaus Width: 3.4431
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

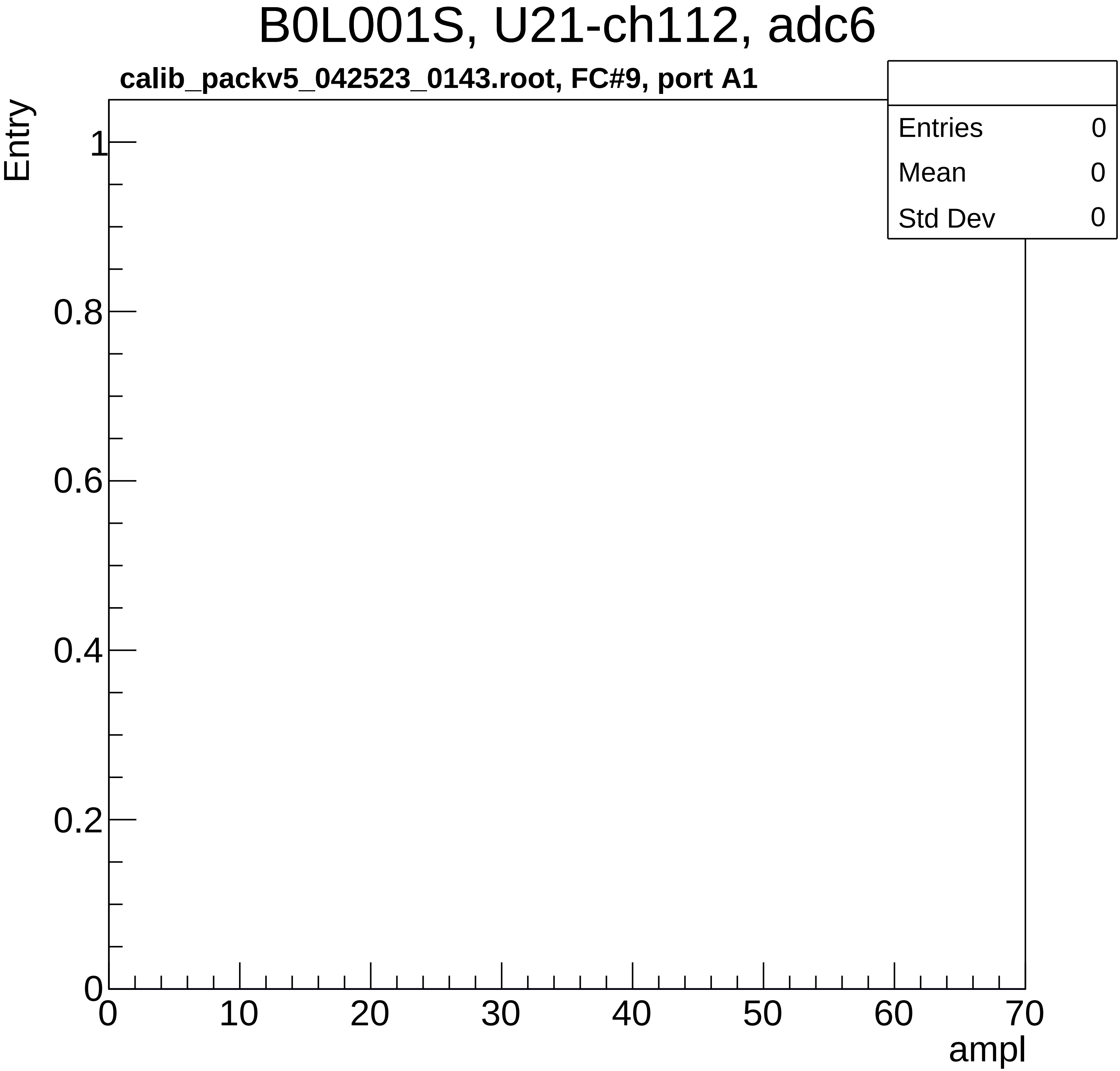
B0L001S, U21-ch112, adc3

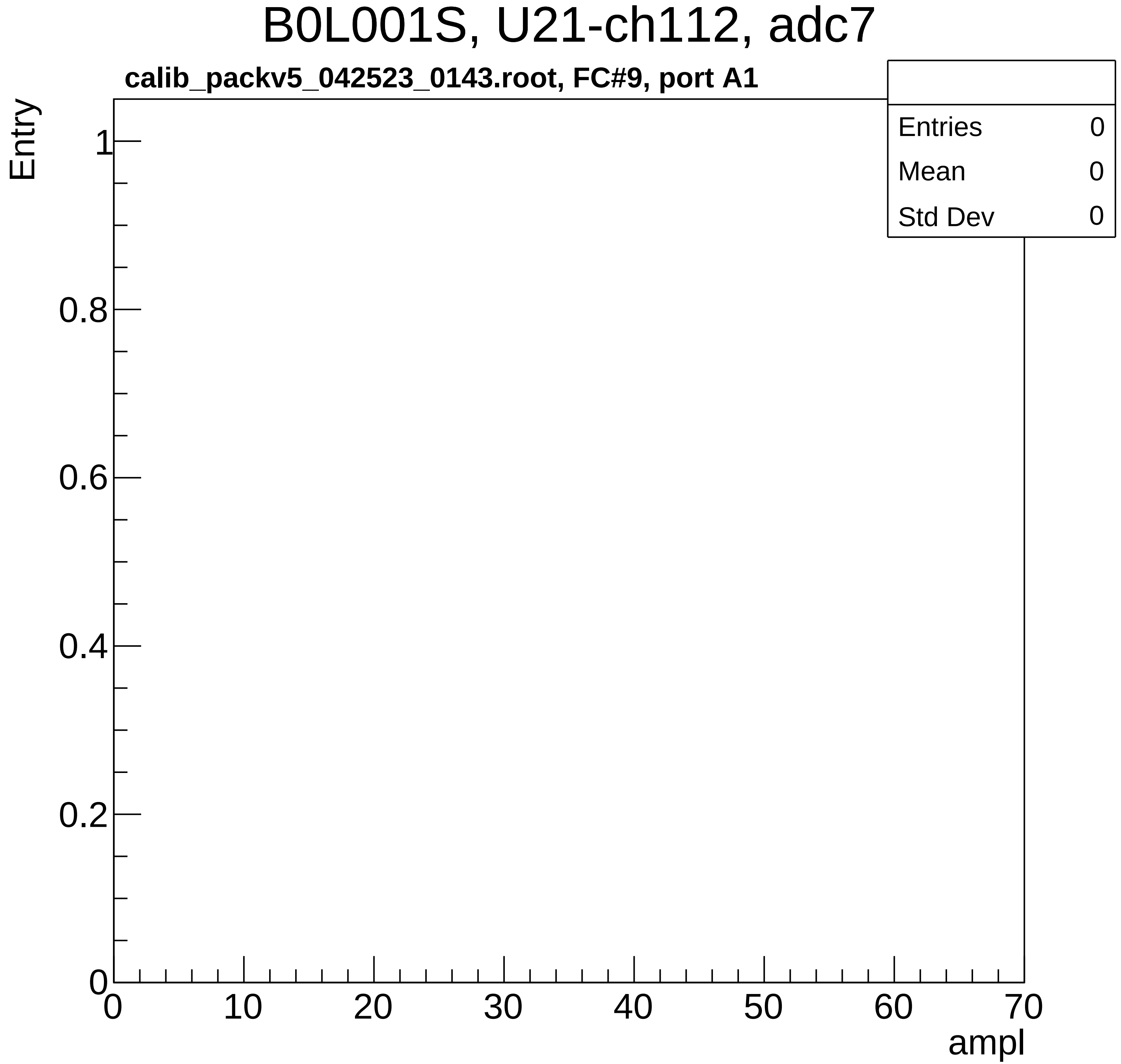


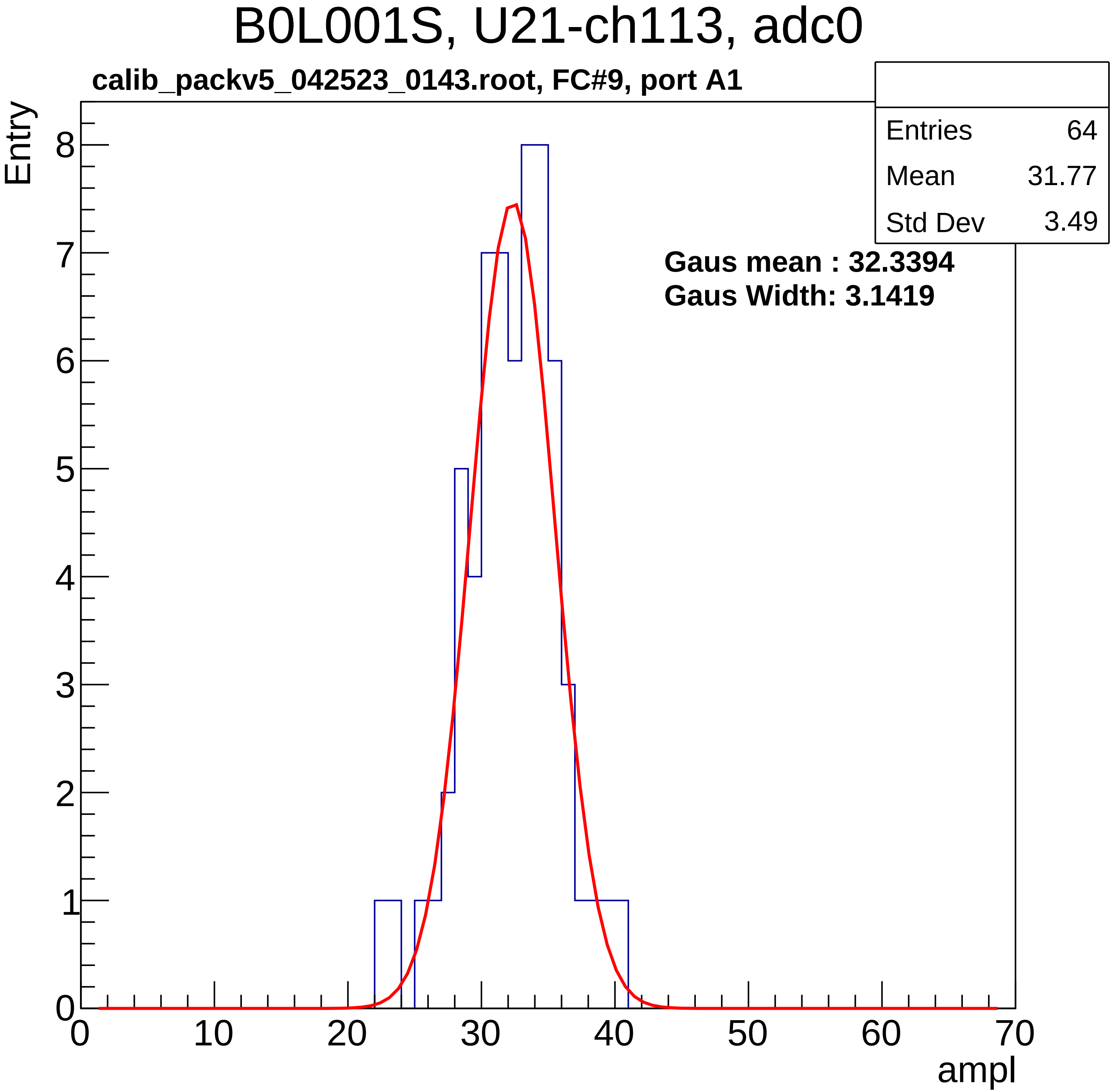

B0L001S, U21-ch112, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 57
Mean 56.47
Std Dev 8.238
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

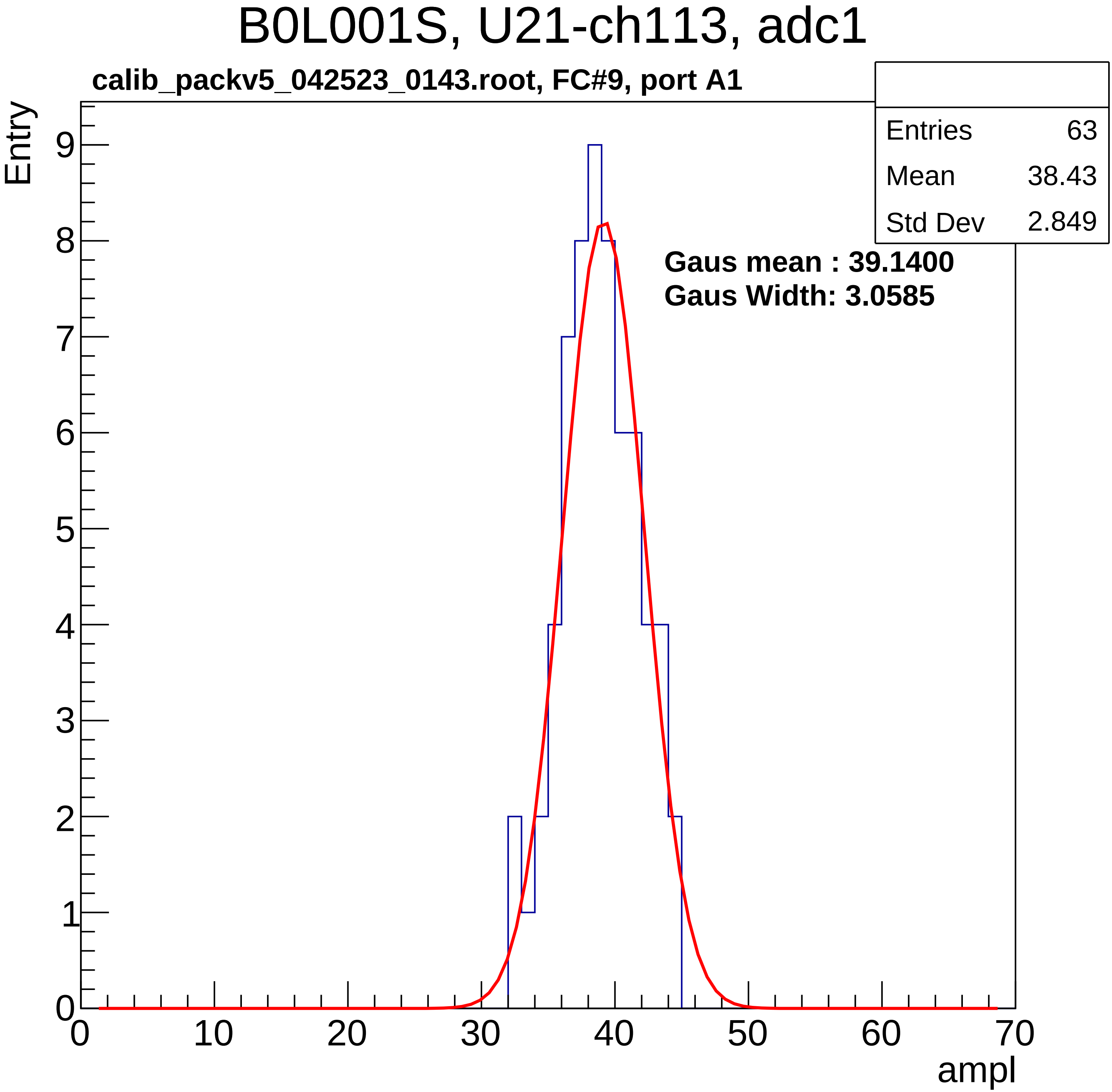
B0L001S, U21-ch112, adc5

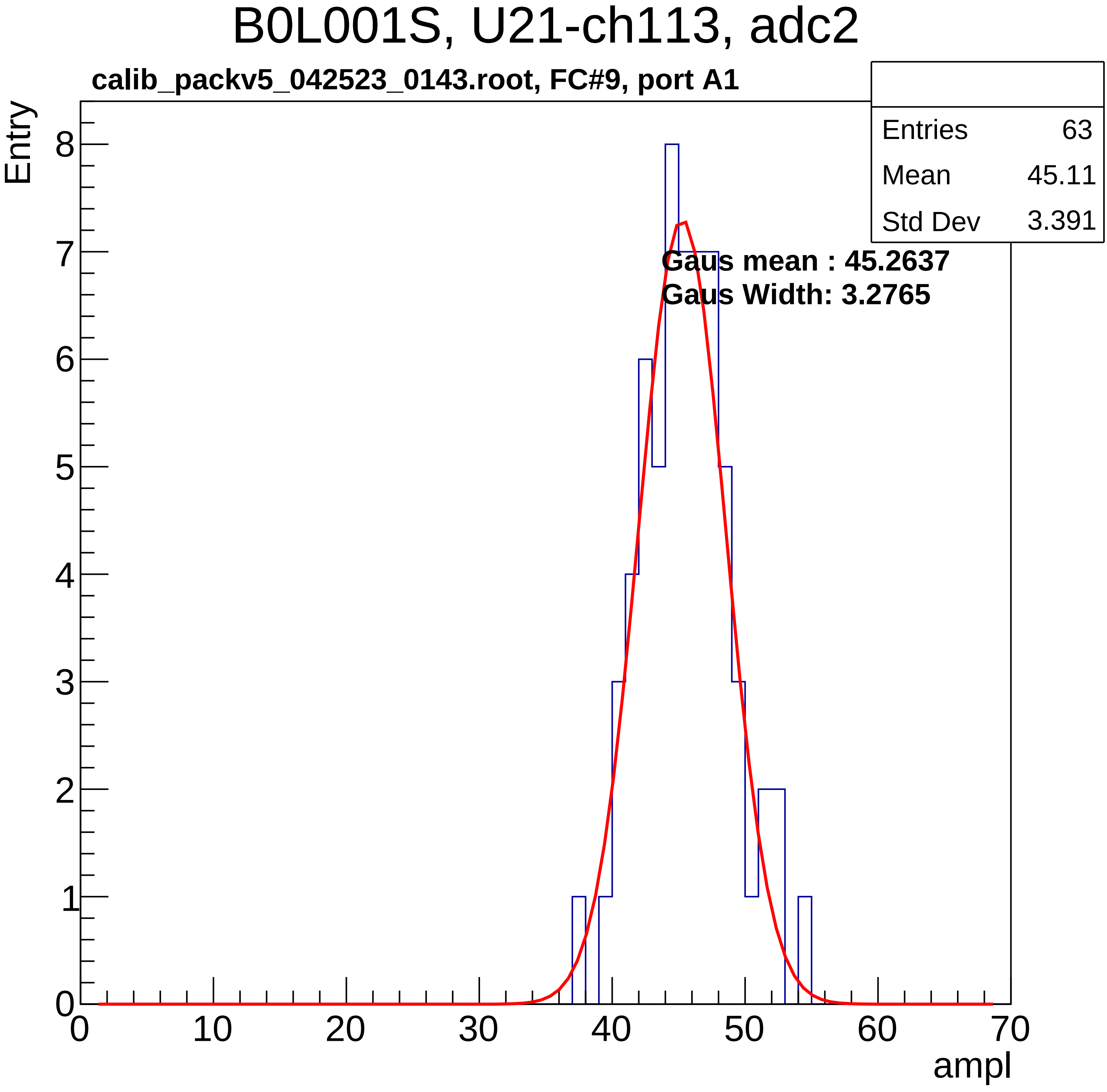


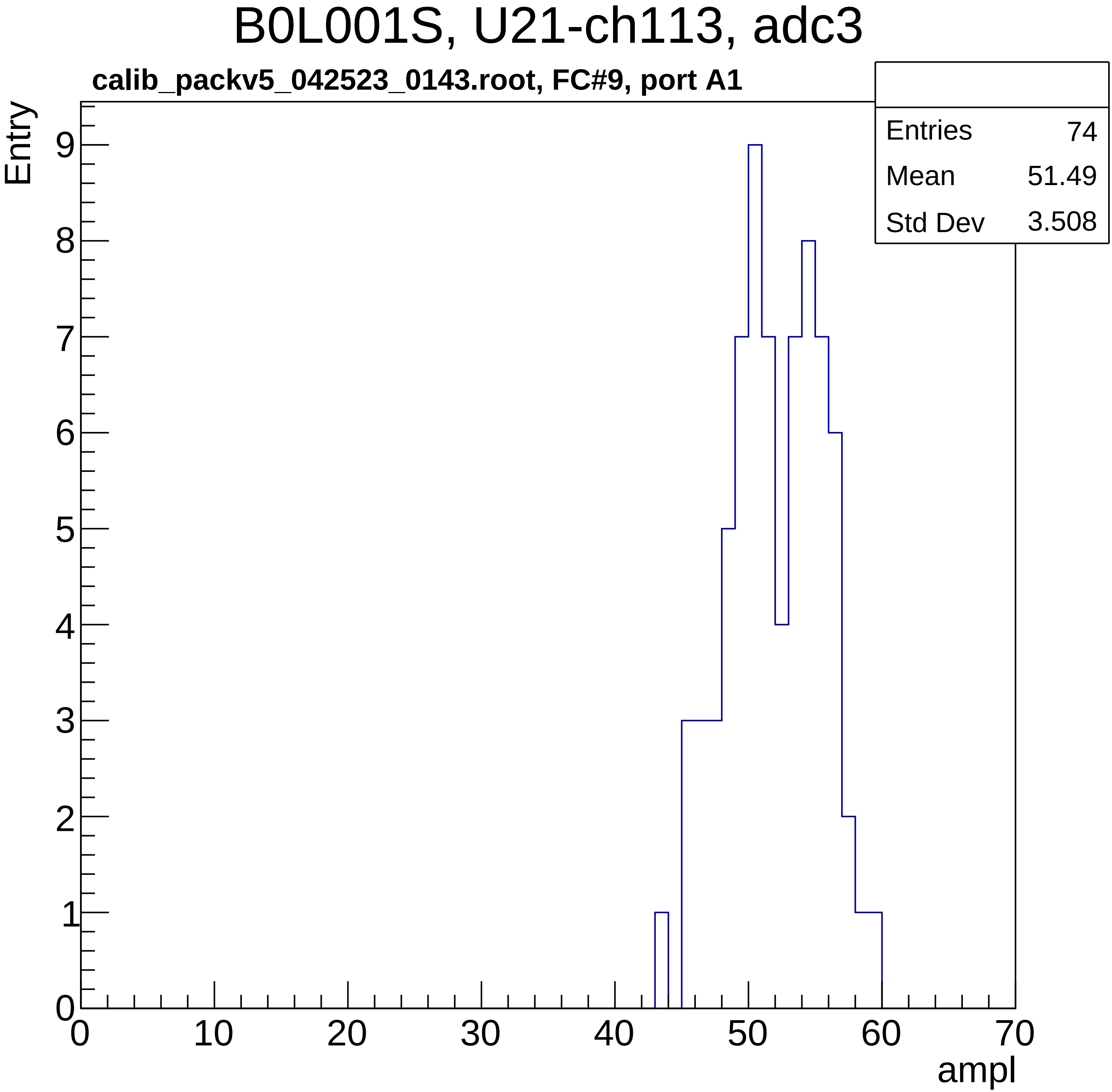

B0L001S, U21-ch112, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch112, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch113, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 31.77
Std Dev 3.49
Gaus mean : 32.3394
Gaus Width: 3.1419
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

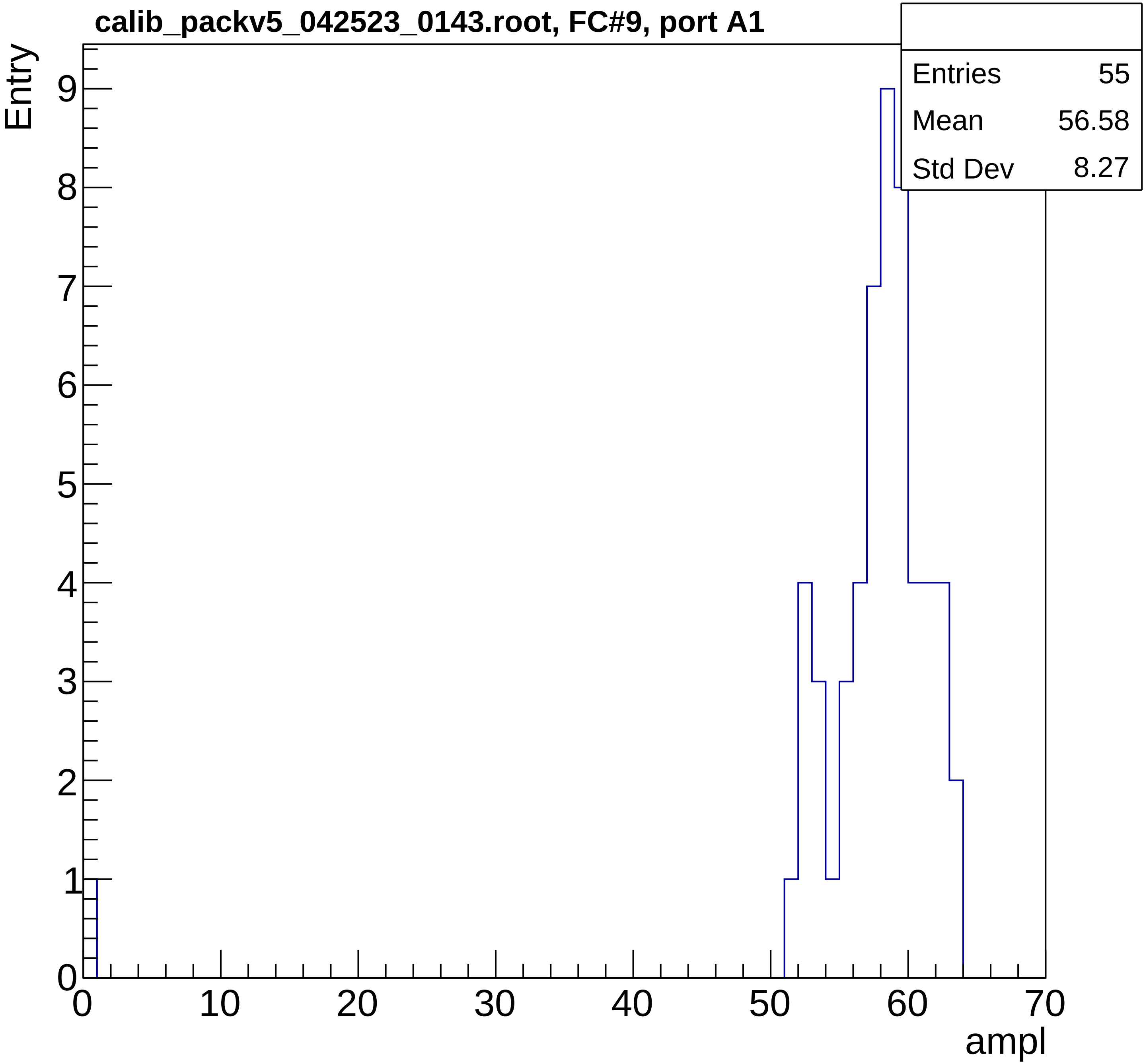

B0L001S, U21-ch113, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 38.43
Std Dev 2.849
Gaus mean : 39.1400
Gaus Width: 3.0585
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

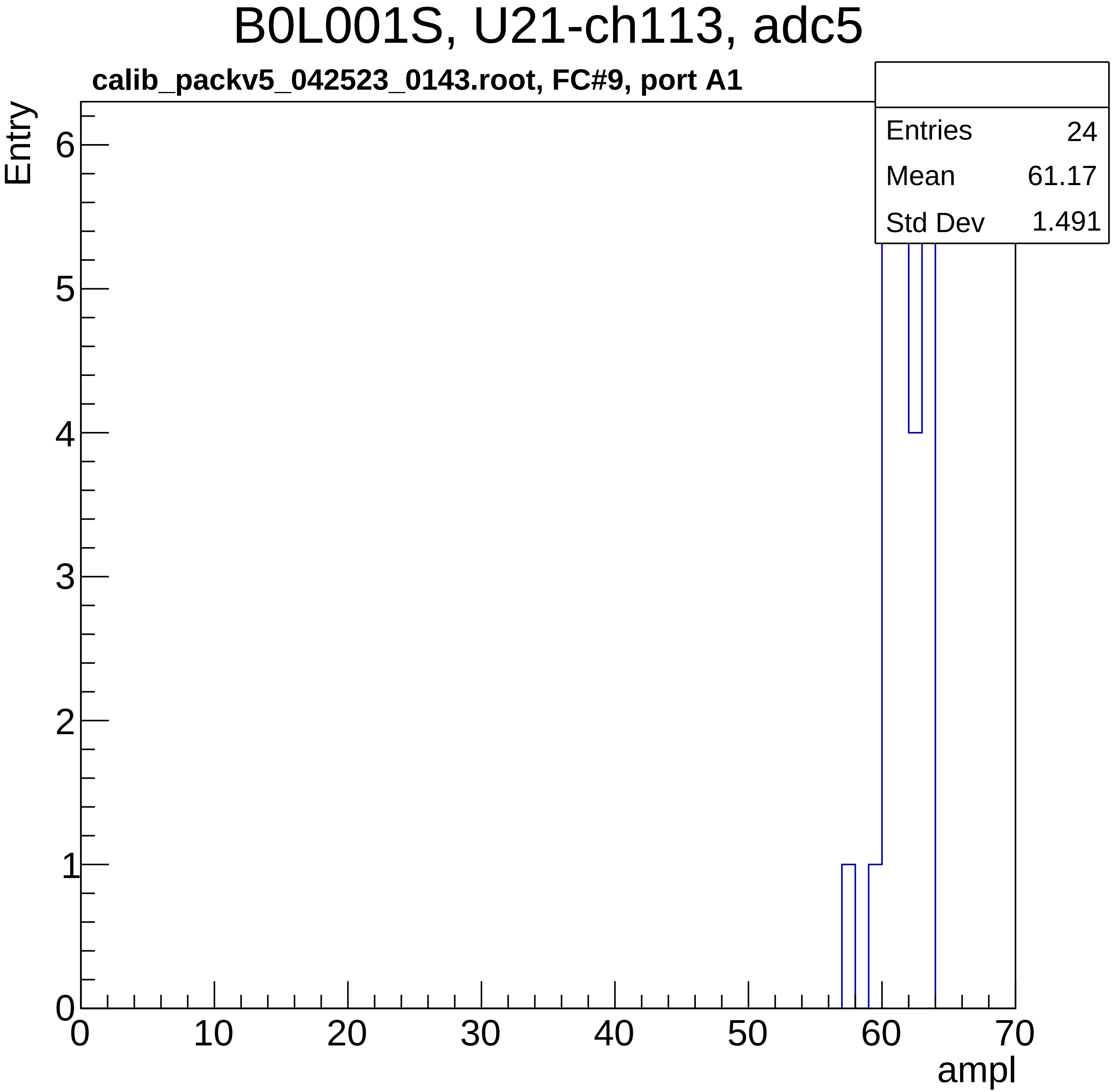

B0L001S, U21-ch113, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 45.11
Std Dev 3.391
Gaus mean : 45.2637
Gaus Width: 3.2765
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

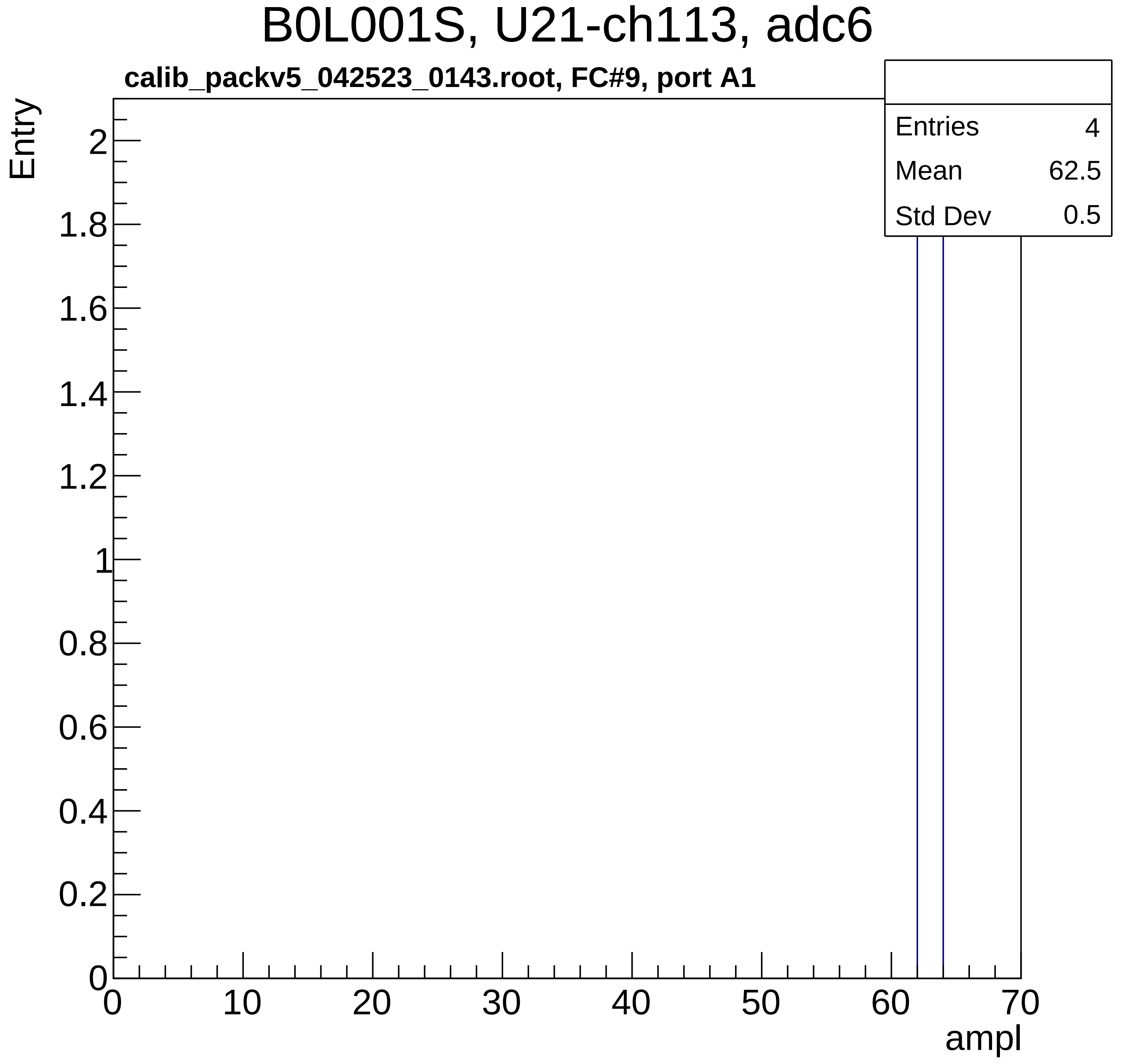

B0L001S, U21-ch113, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 51.49
Std Dev 3.508
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch113, adc4

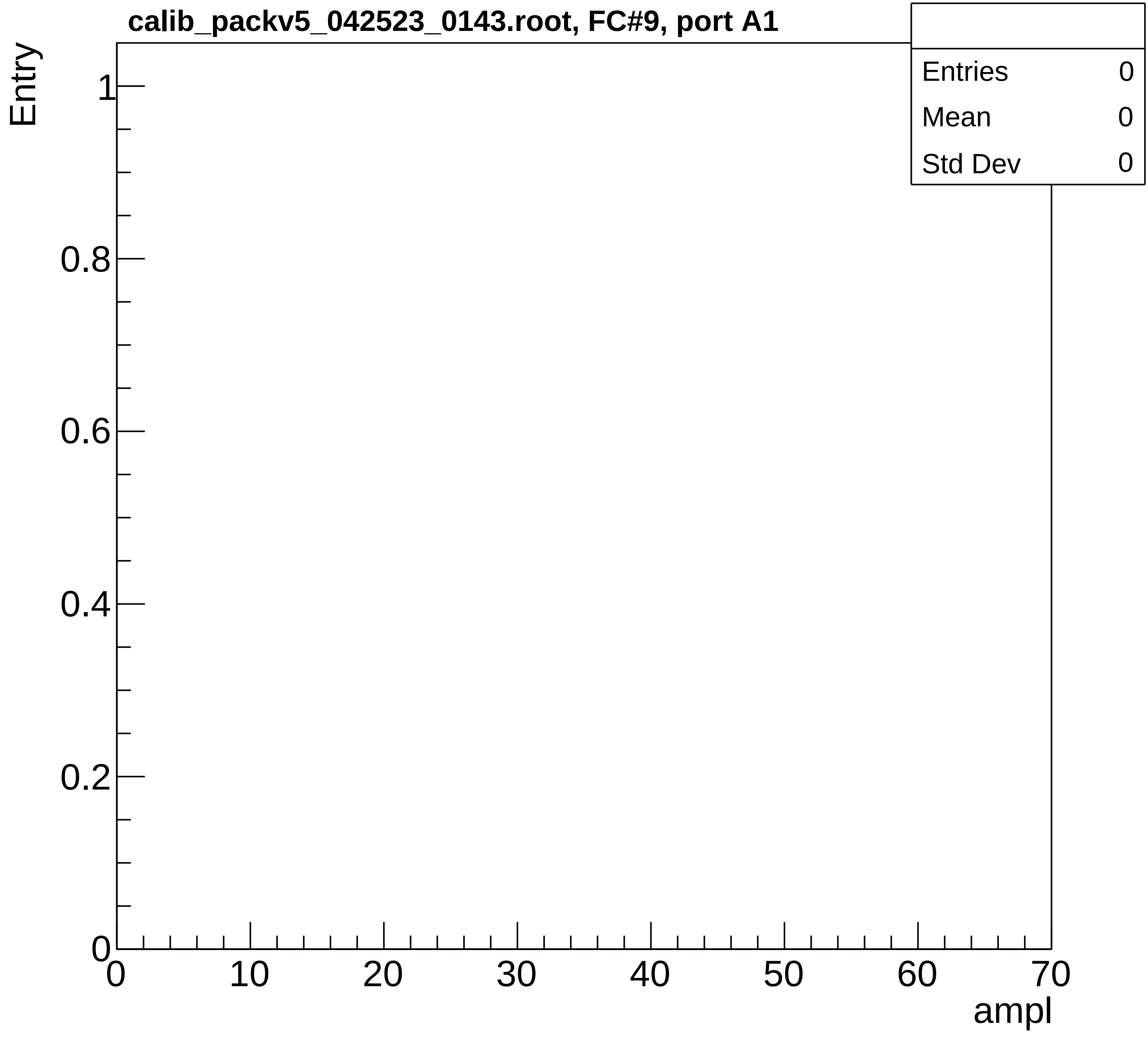
calib_packv5_042523_0143.root, FC#9, port A1




B0L001S, U21-ch113, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 61.17
Std Dev 1.491
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

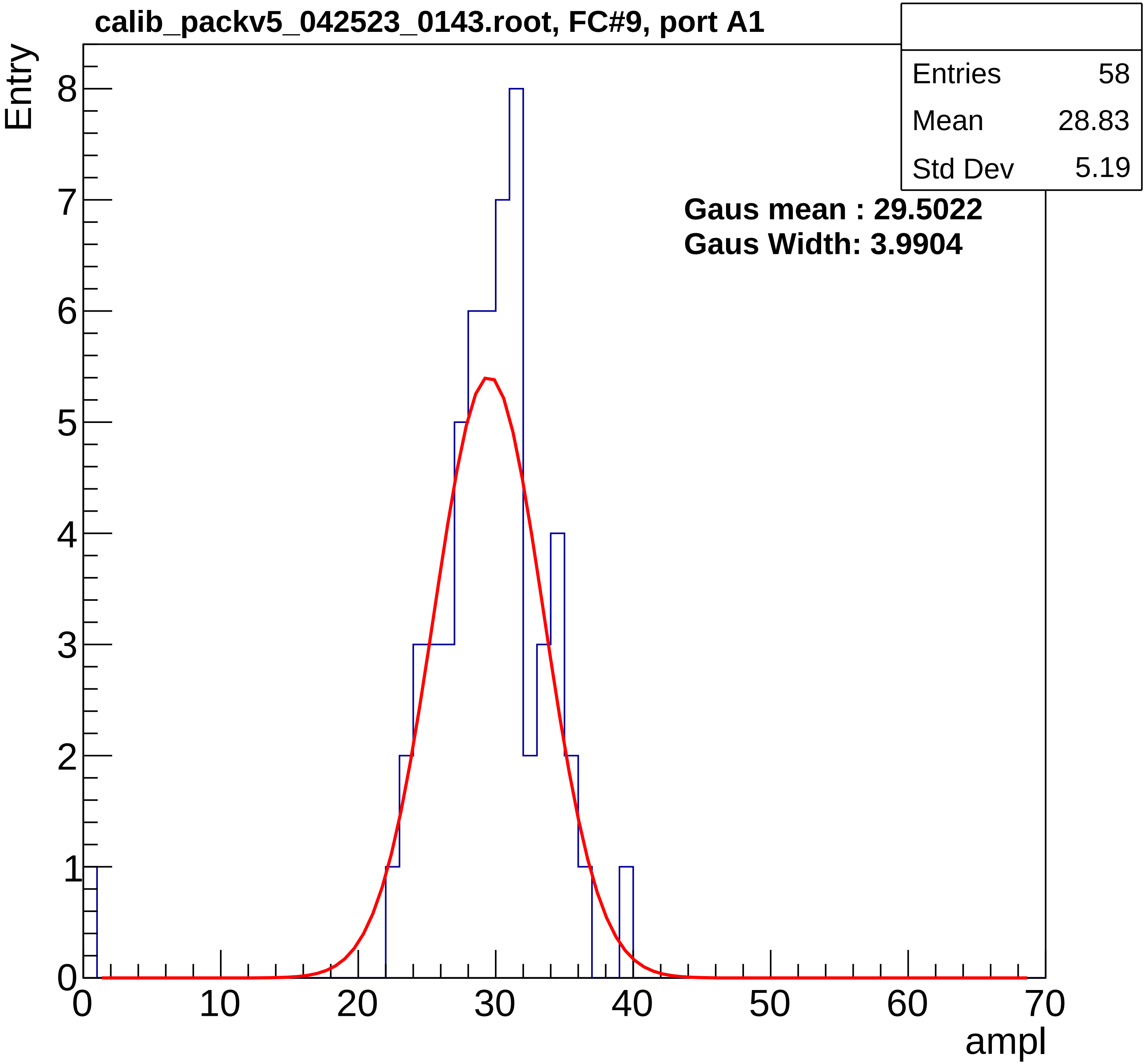

B0L001S, U21-ch113, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl
Entries 4
Mean 62.5
Std Dev 0.5

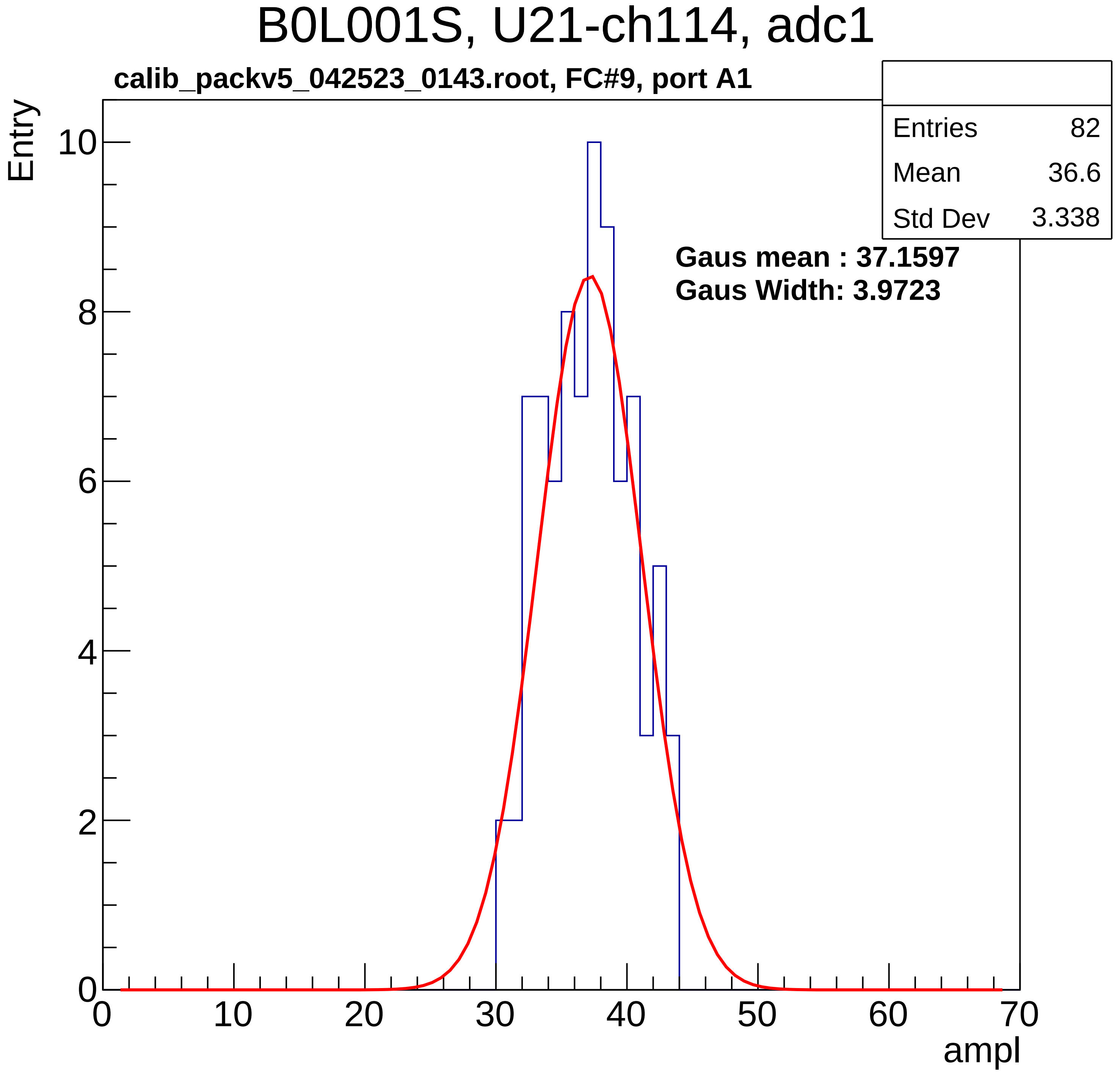
B0L001S, U21-ch113, adc7

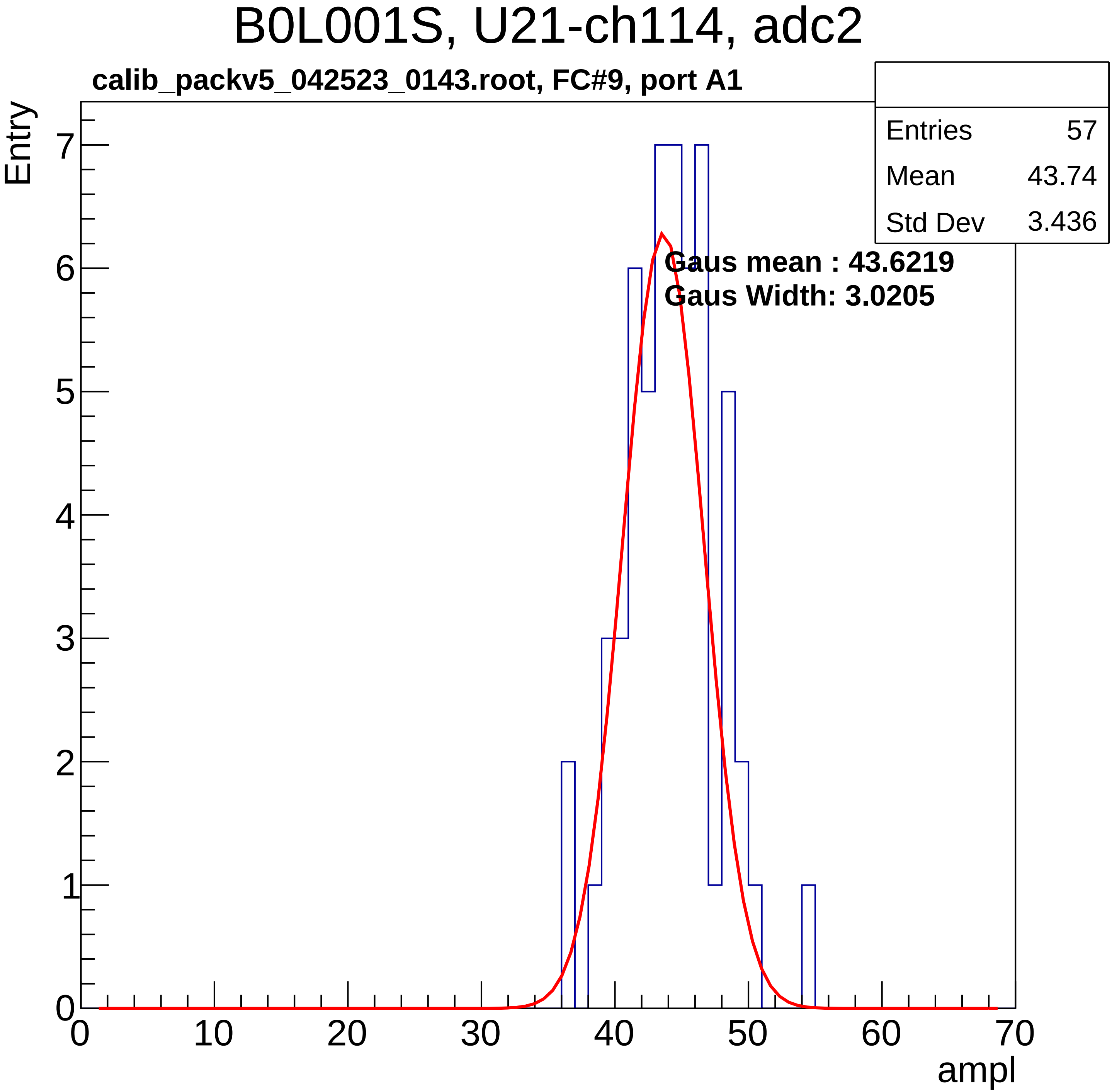


B0L001S, U21-ch114, adc0

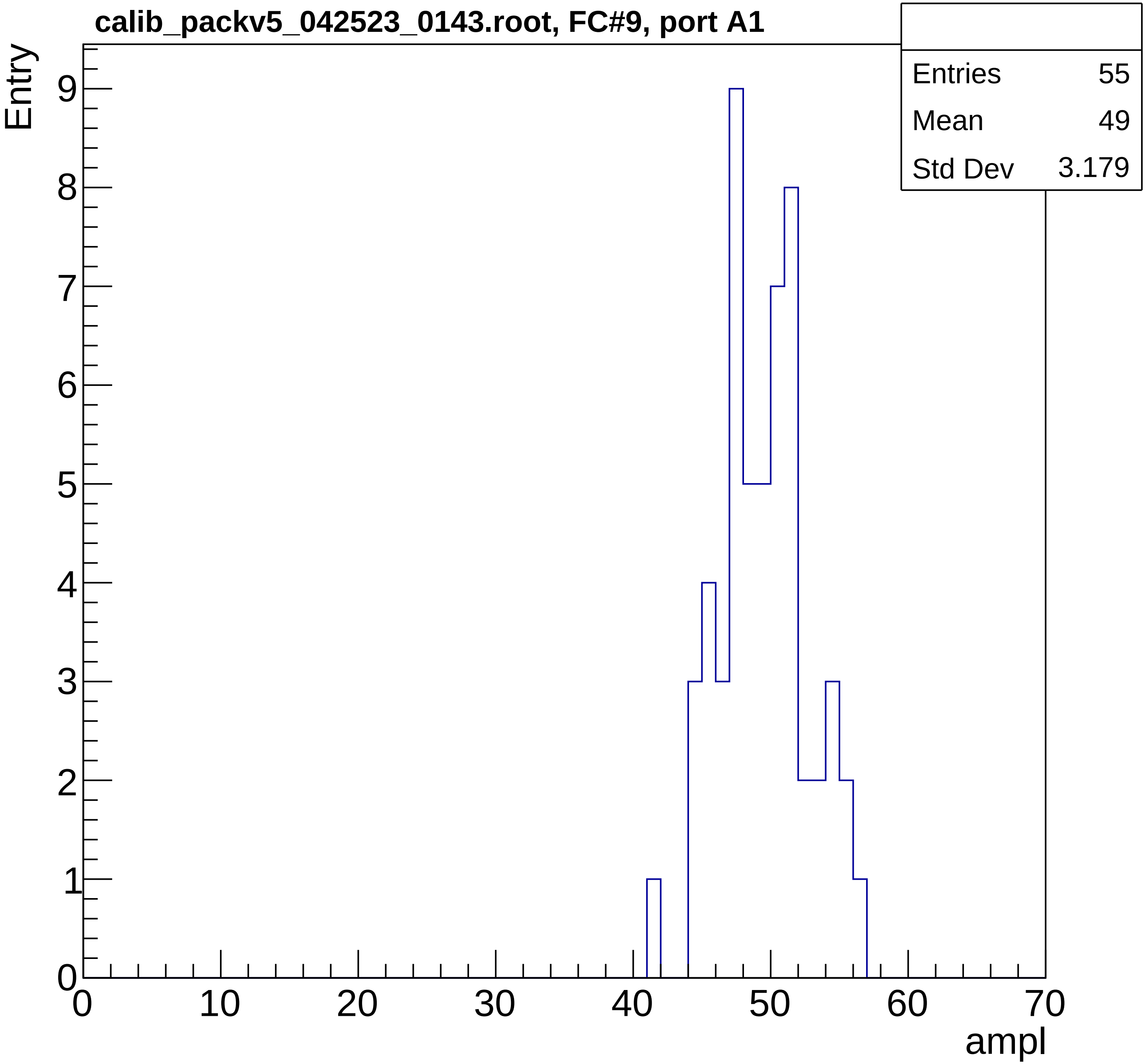
calib_packv5_042523_0143.root, FC#9, port A1




B0L001S, U21-ch114, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 36.6
Std Dev 3.338
Gaus mean : 37.1597
Gaus Width: 3.9723
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

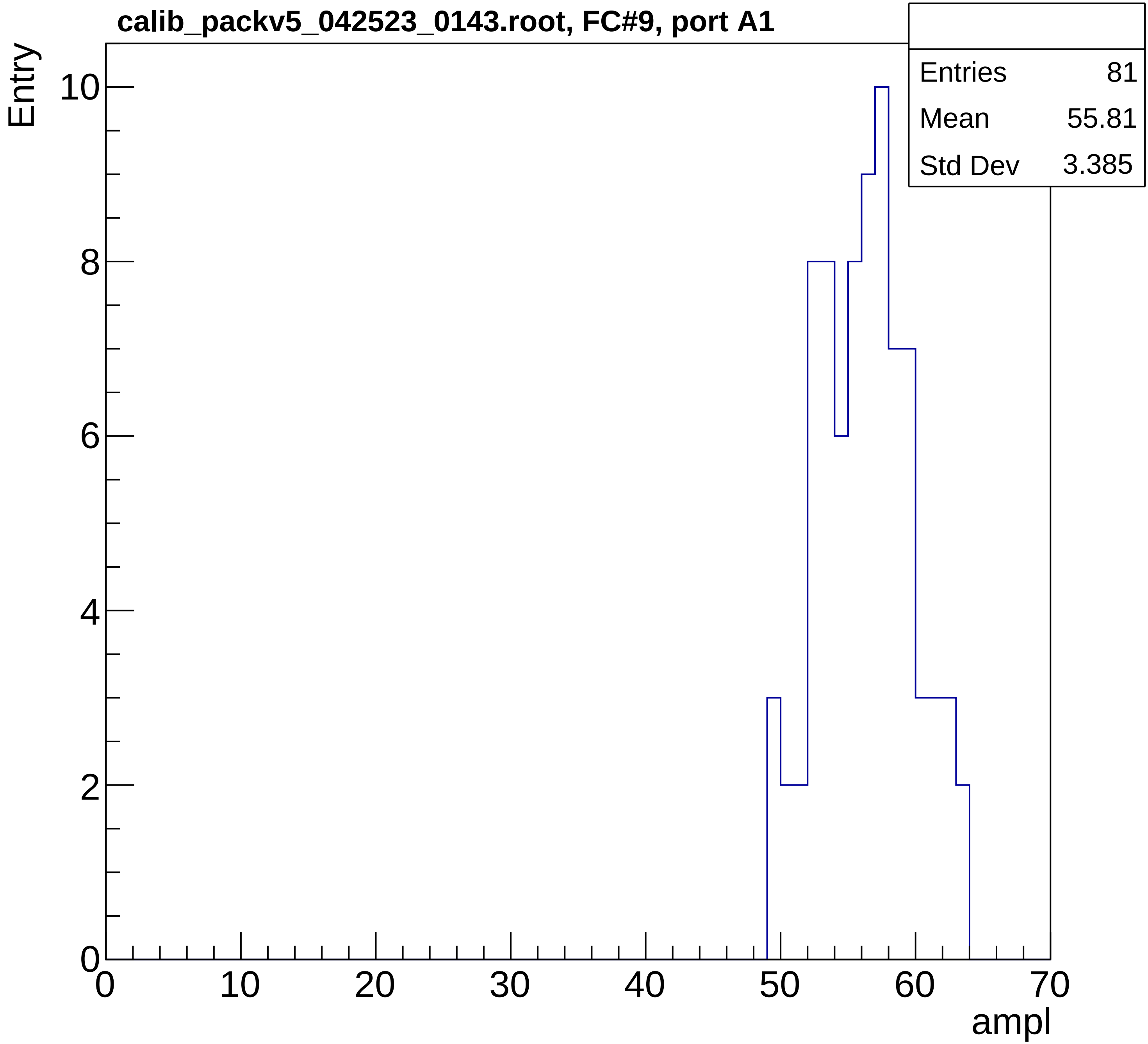

B0L001S, U21-ch114, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 43.74
Std Dev 3.436
Gaus mean : 43.6219
Gaus Width: 3.0205
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

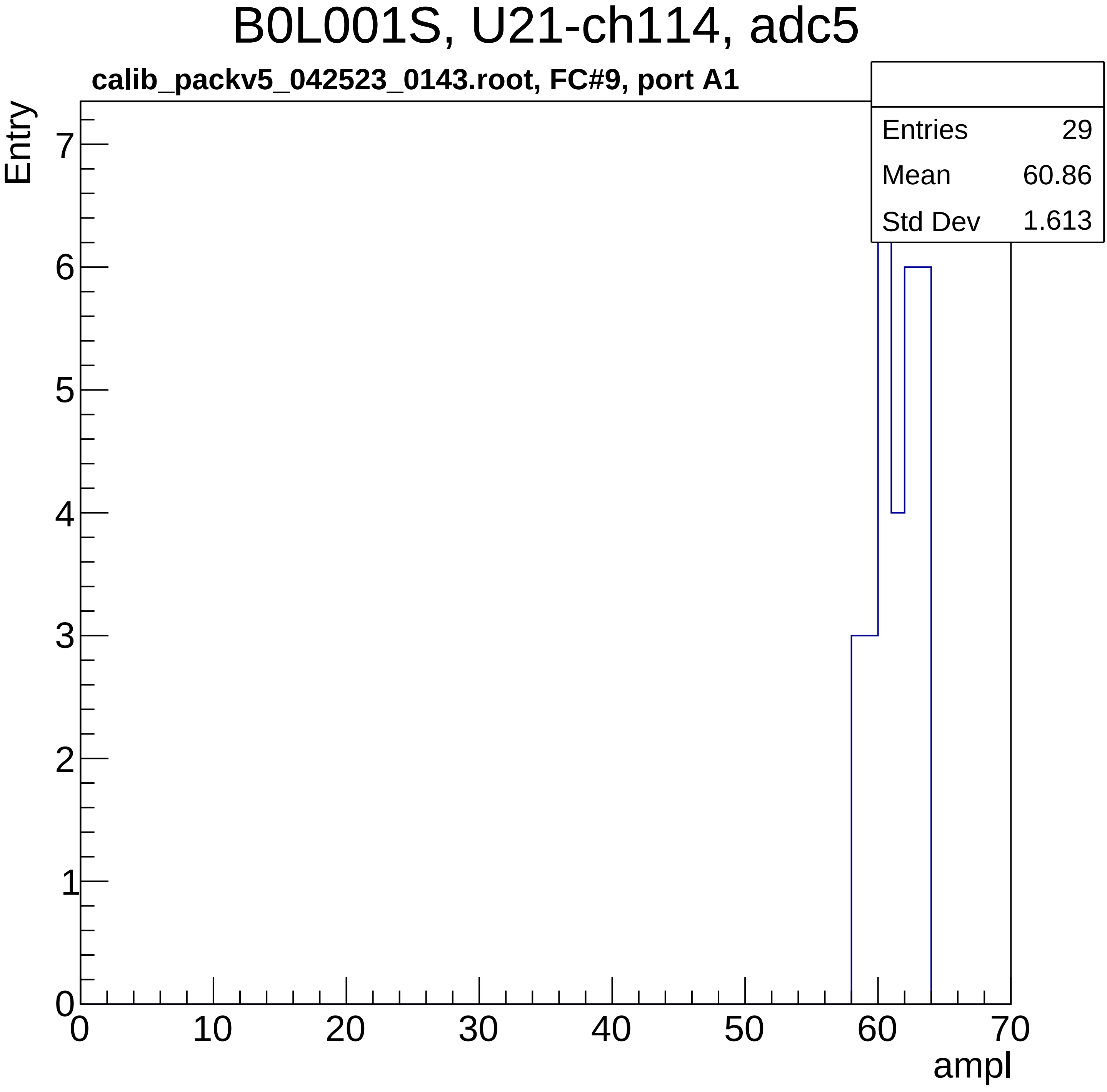
B0L001S, U21-ch114, adc3



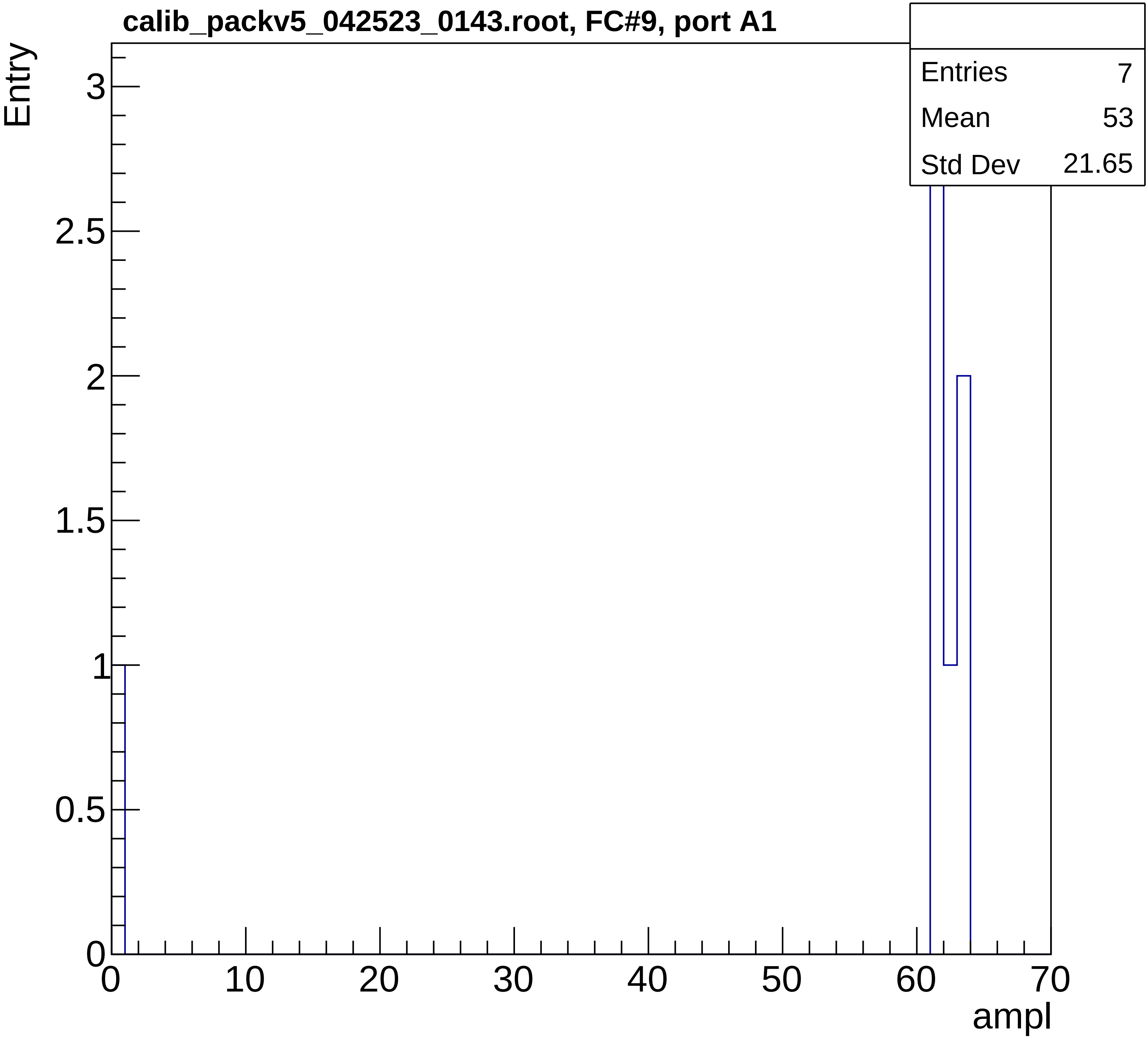
B0L001S, U21-ch114, adc4

calib_packv5_042523_0143.root, FC#9, port A1

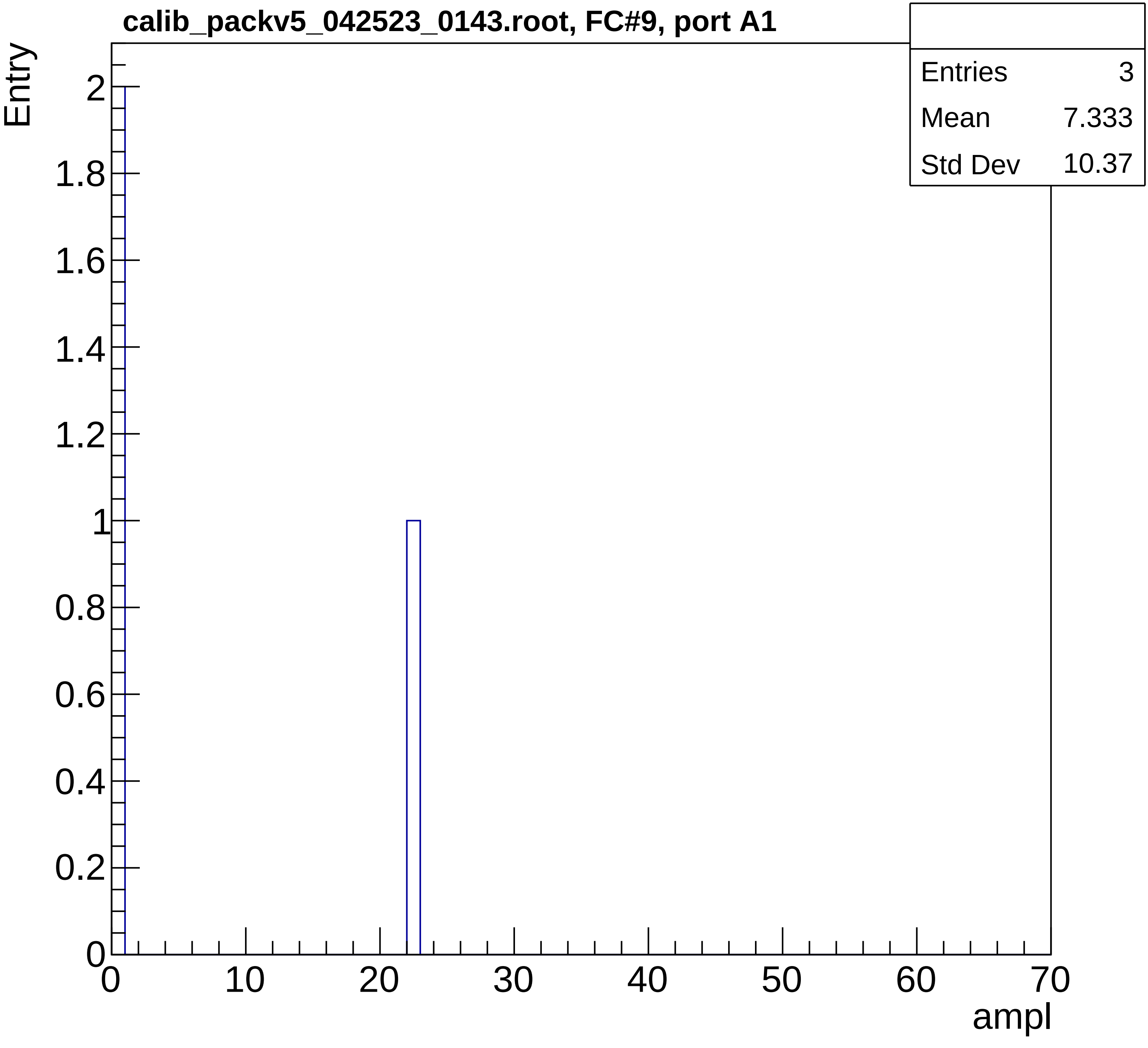


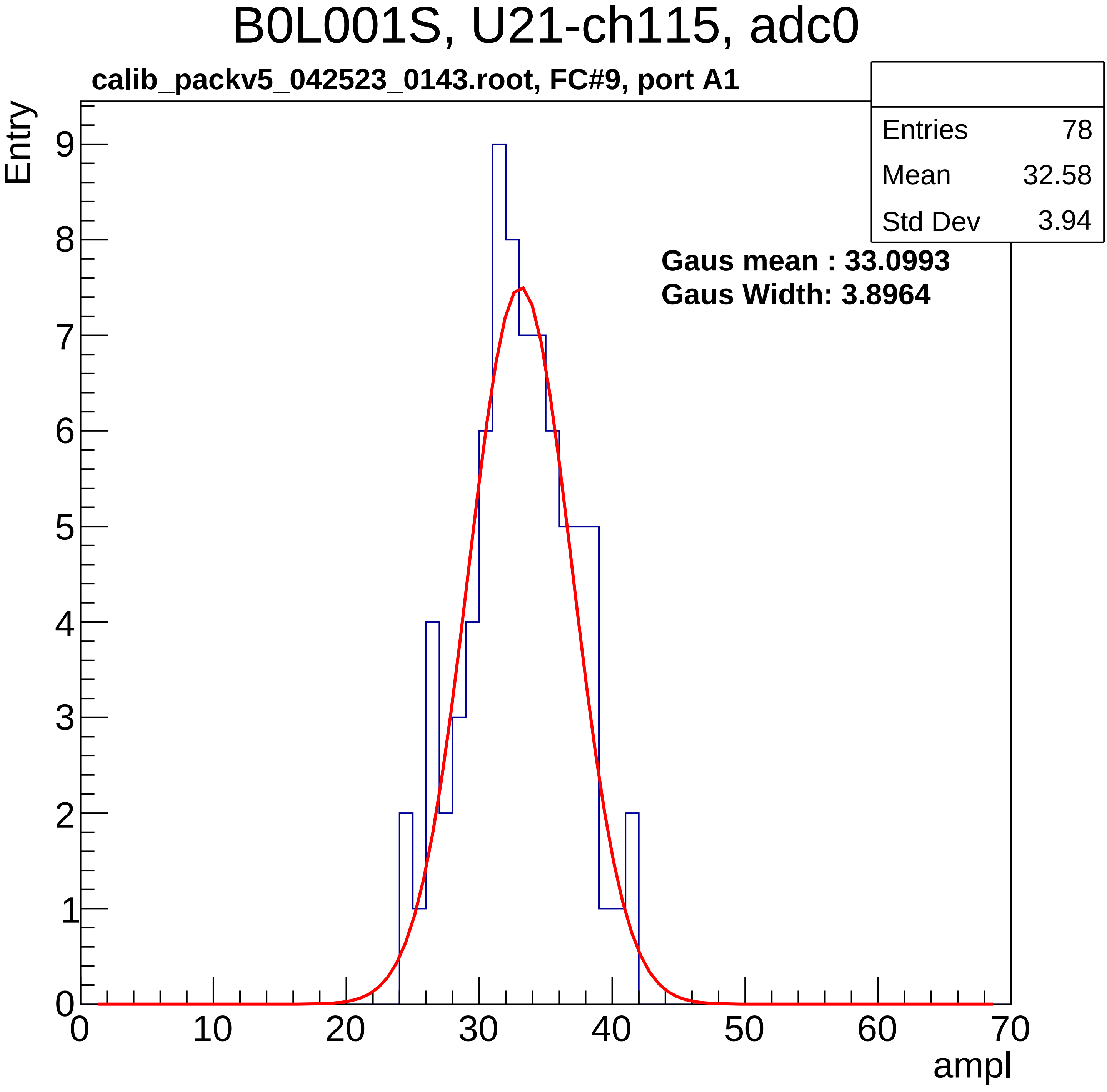

B0L001S, U21-ch114, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 29
Mean 60.86
Std Dev 1.613
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch114, adc6

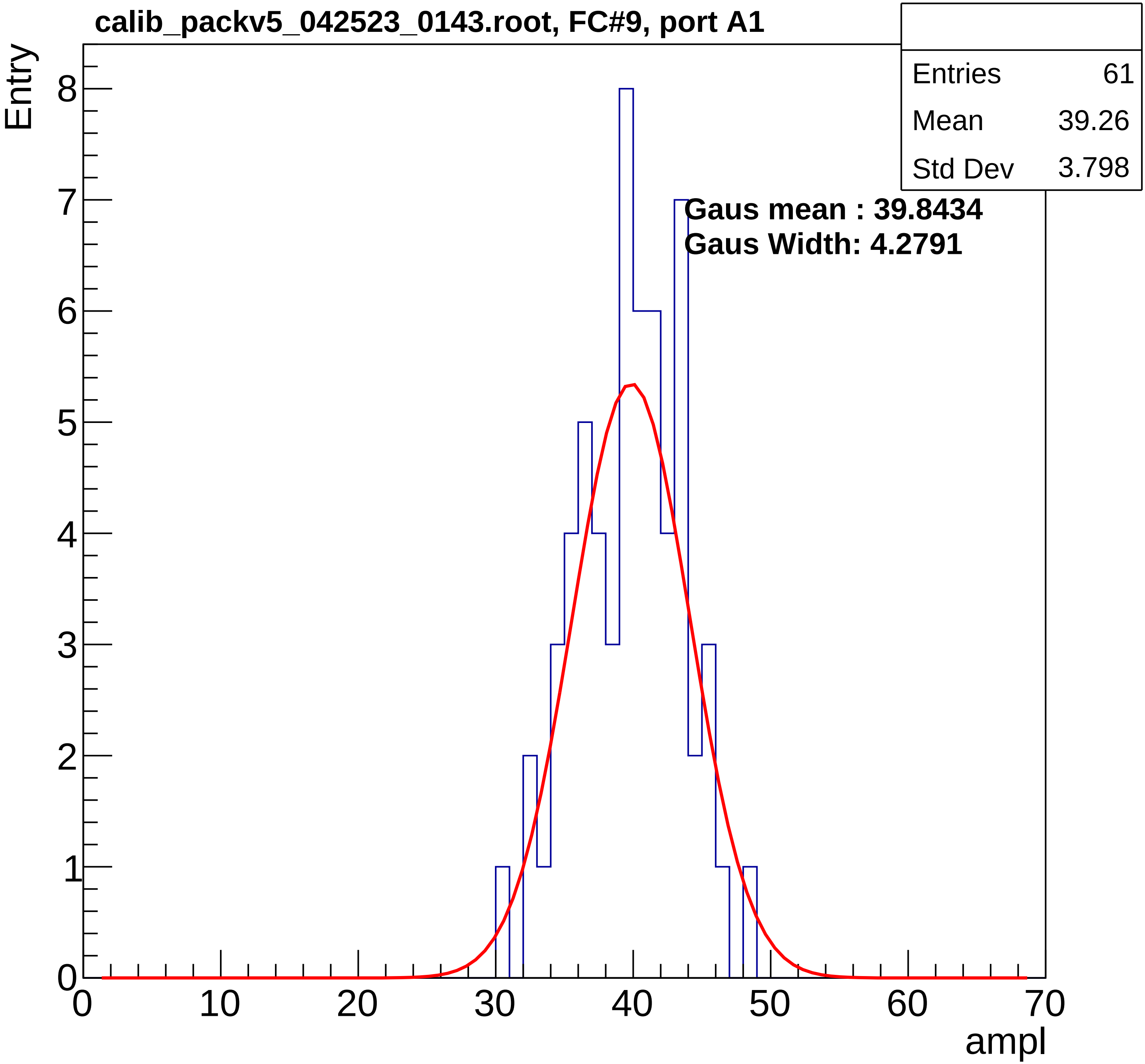


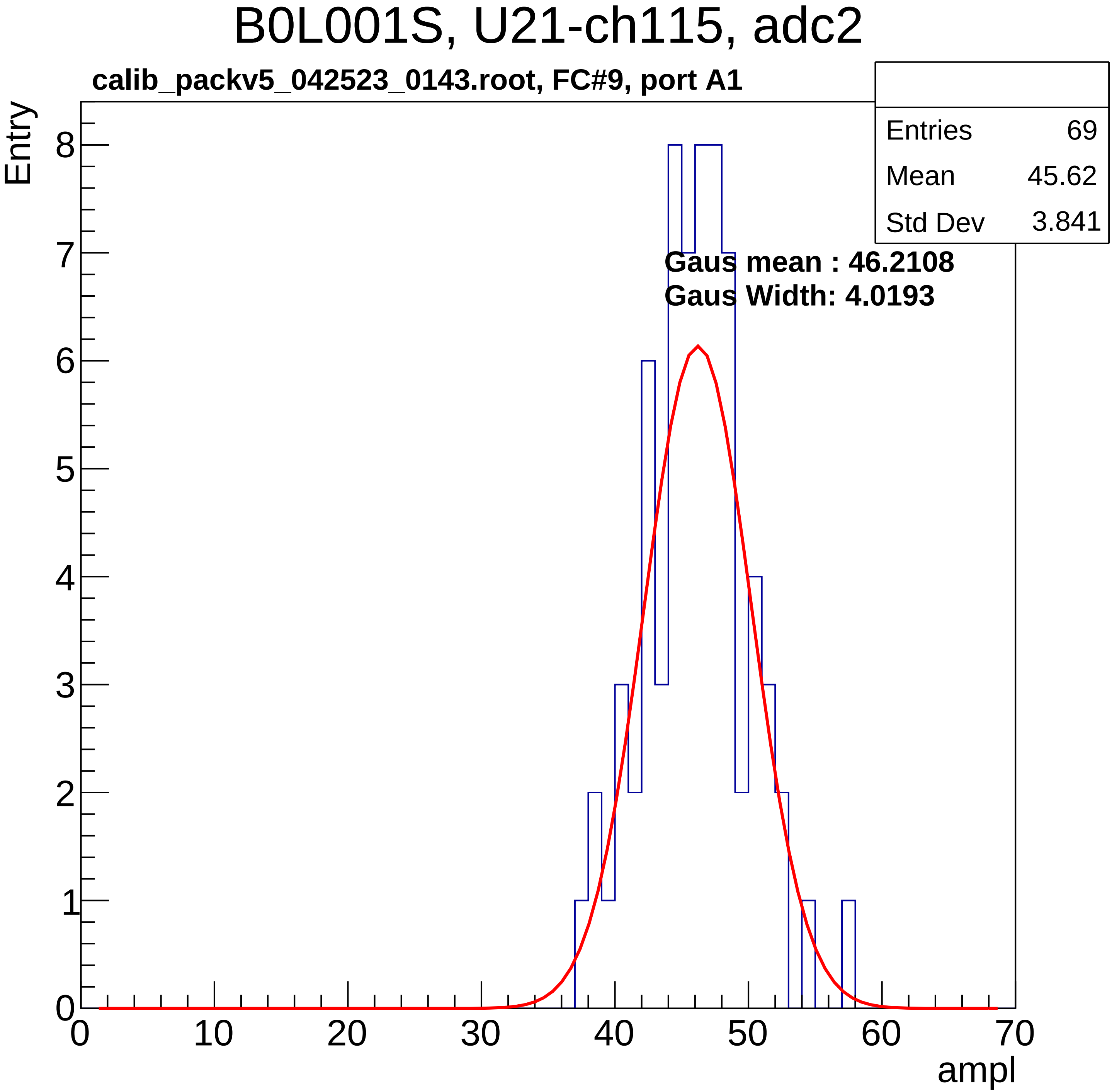
B0L001S, U21-ch114, adc7

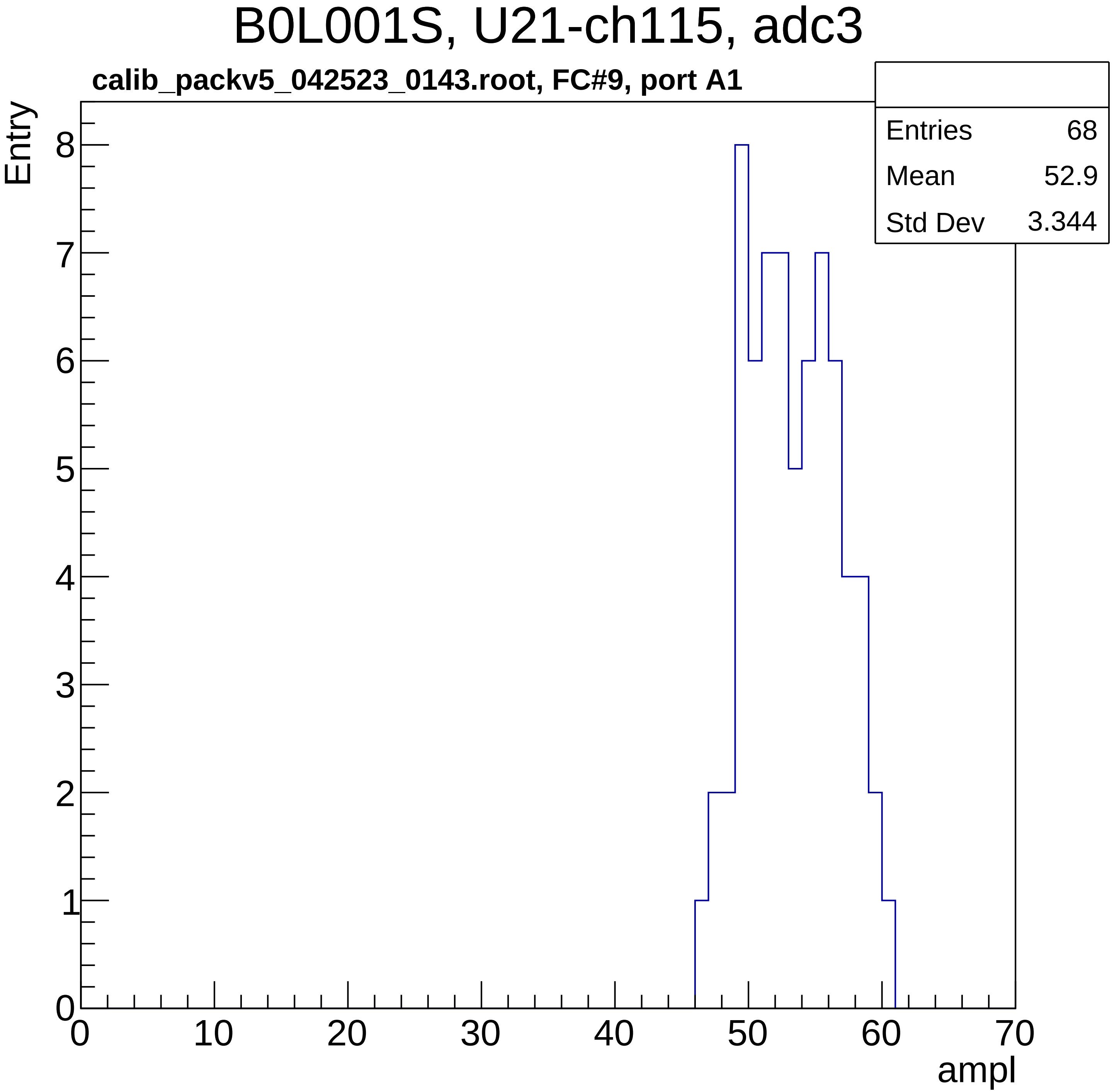


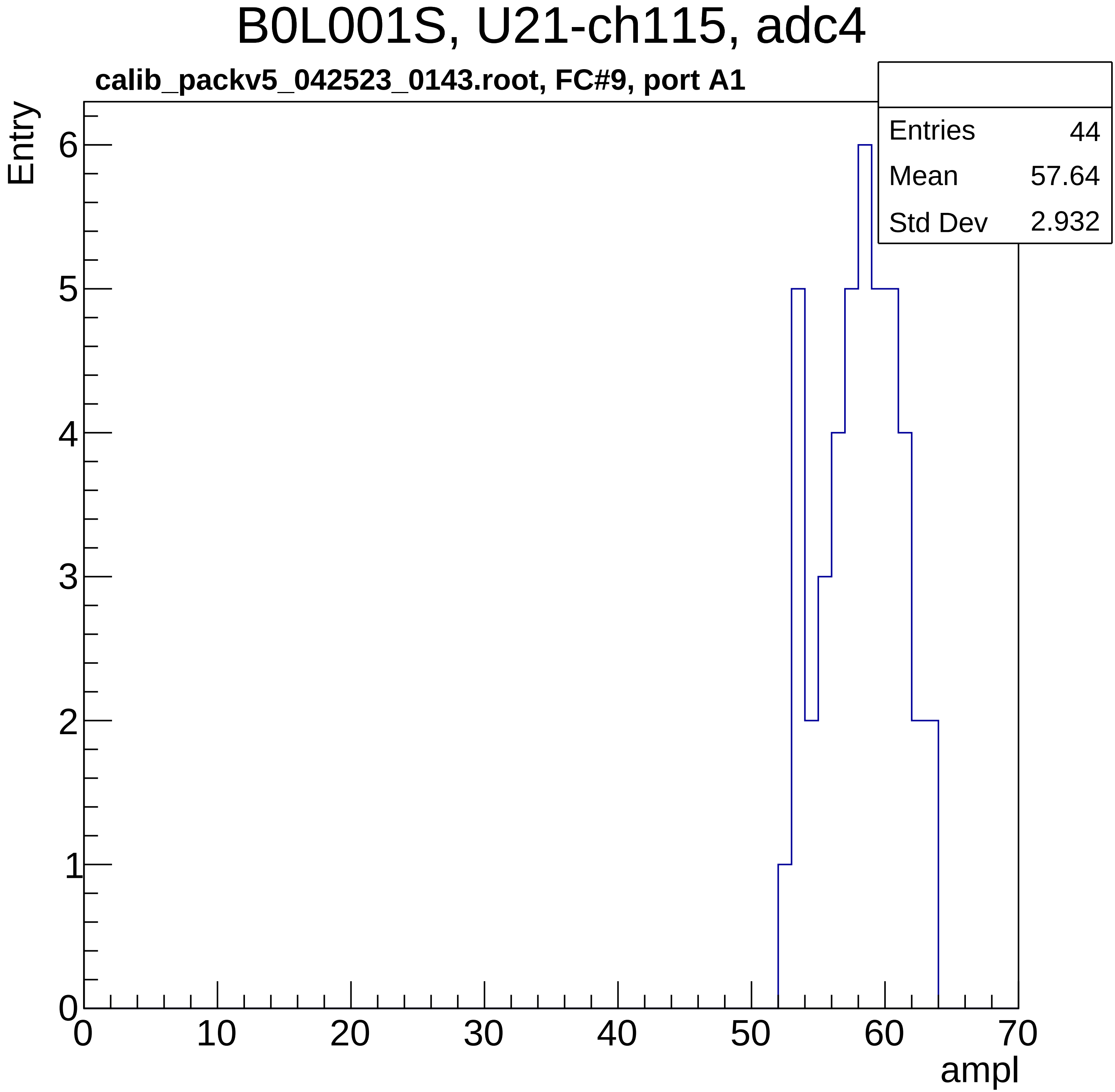

B0L001S, U21-ch115, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 32.58
Std Dev 3.94
Gaus mean : 33.0993
Gaus Width: 3.8964
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

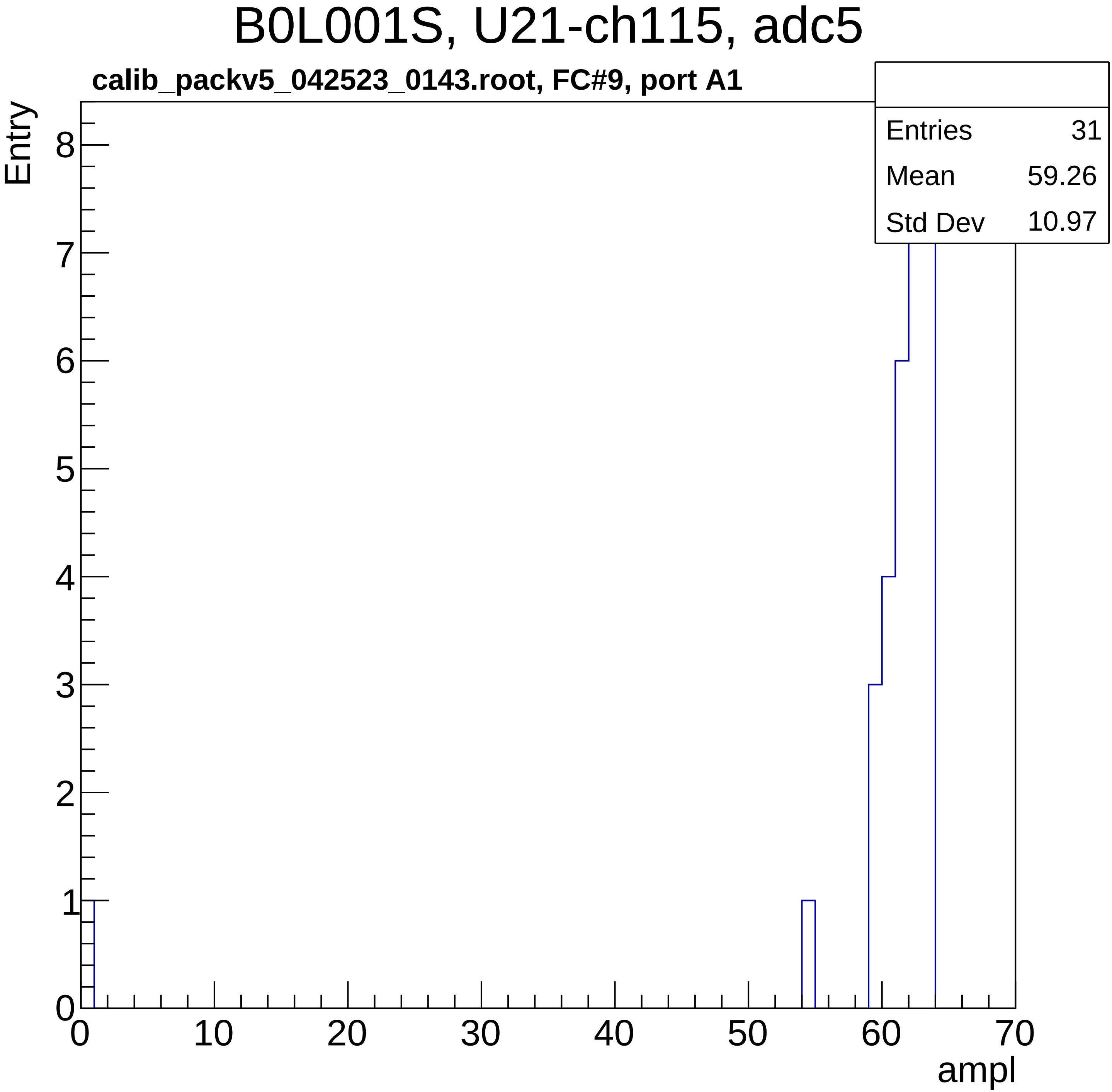
B0L001S, U21-ch115, adc1

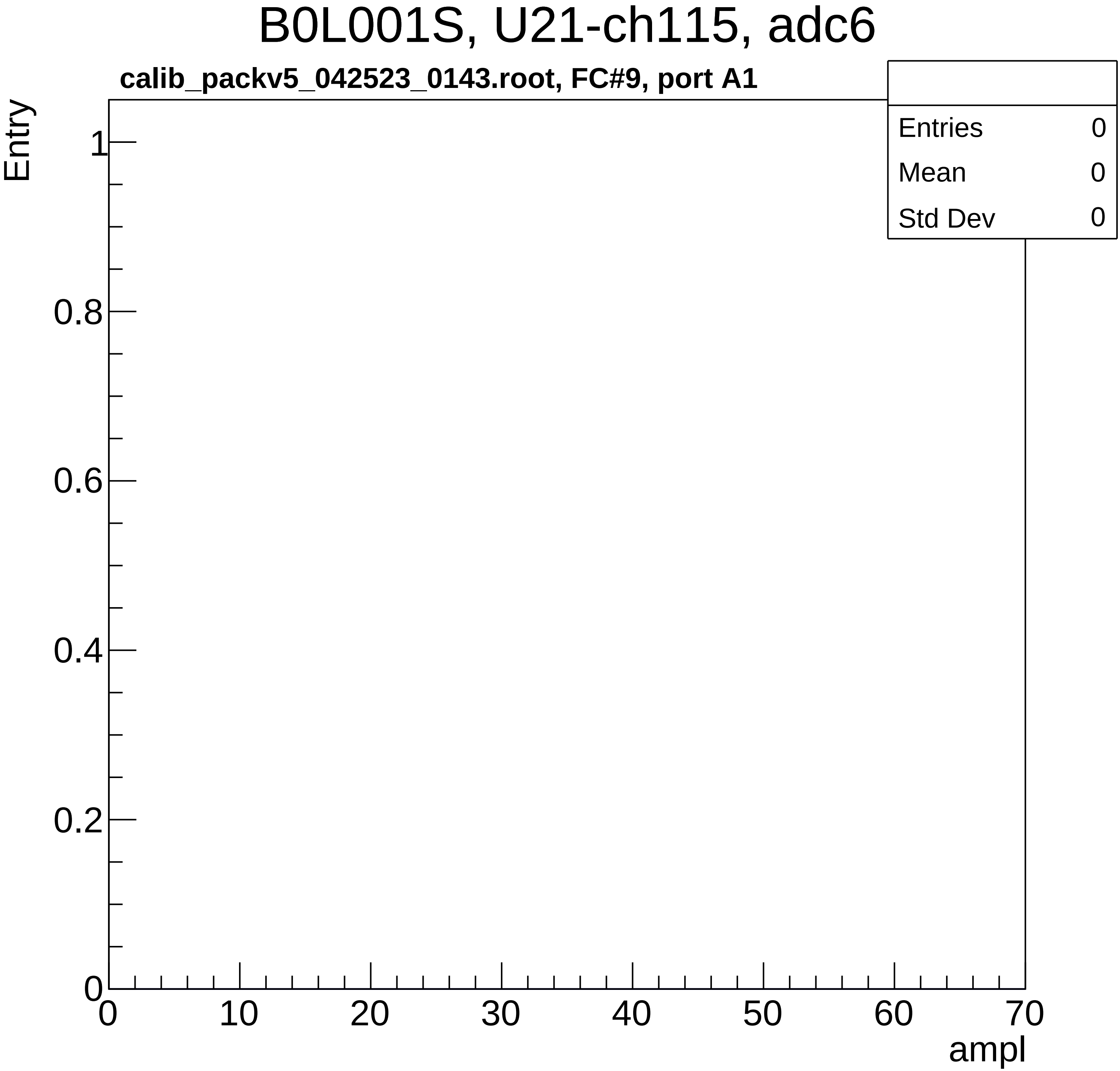



B0L001S, U21-ch115, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 45.62
Std Dev 3.841
Gaus mean : 46.2108
Gaus Width: 4.0193
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch115, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 52.9
Std Dev 3.344
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

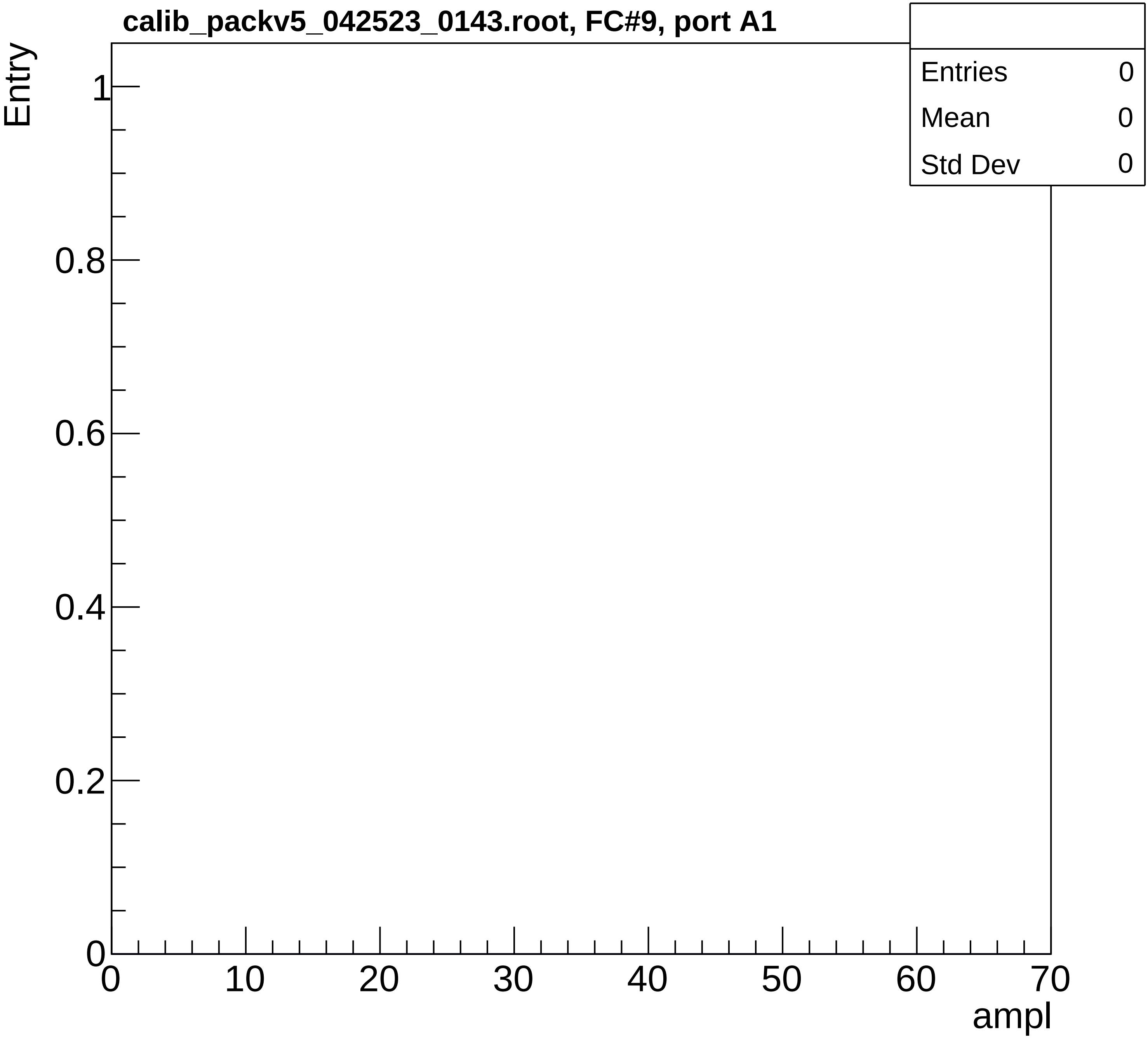

B0L001S, U21-ch115, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 57.64
Std Dev 2.932
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

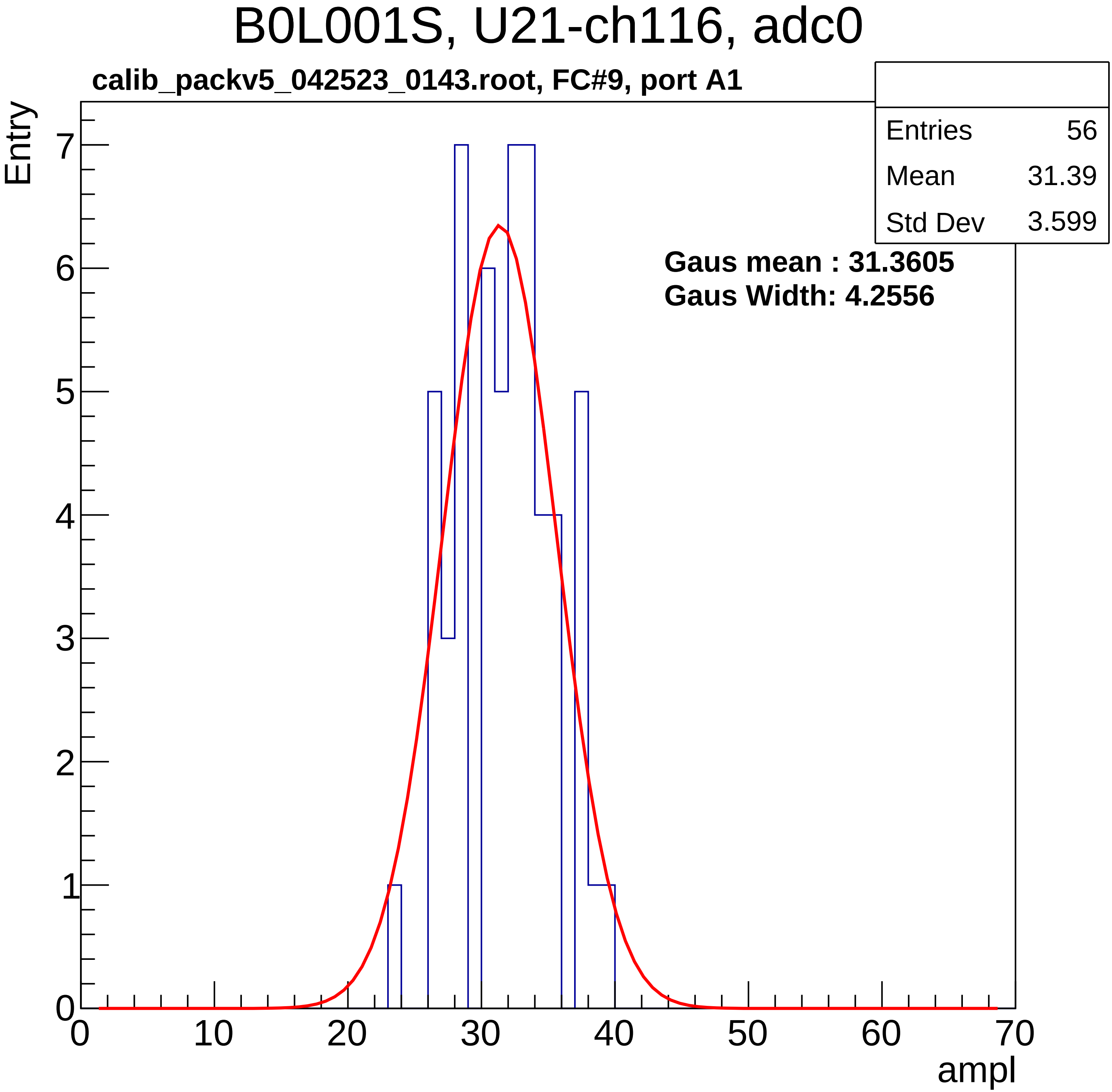

B0L001S, U21-ch115, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 59.26
Std Dev 10.97
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

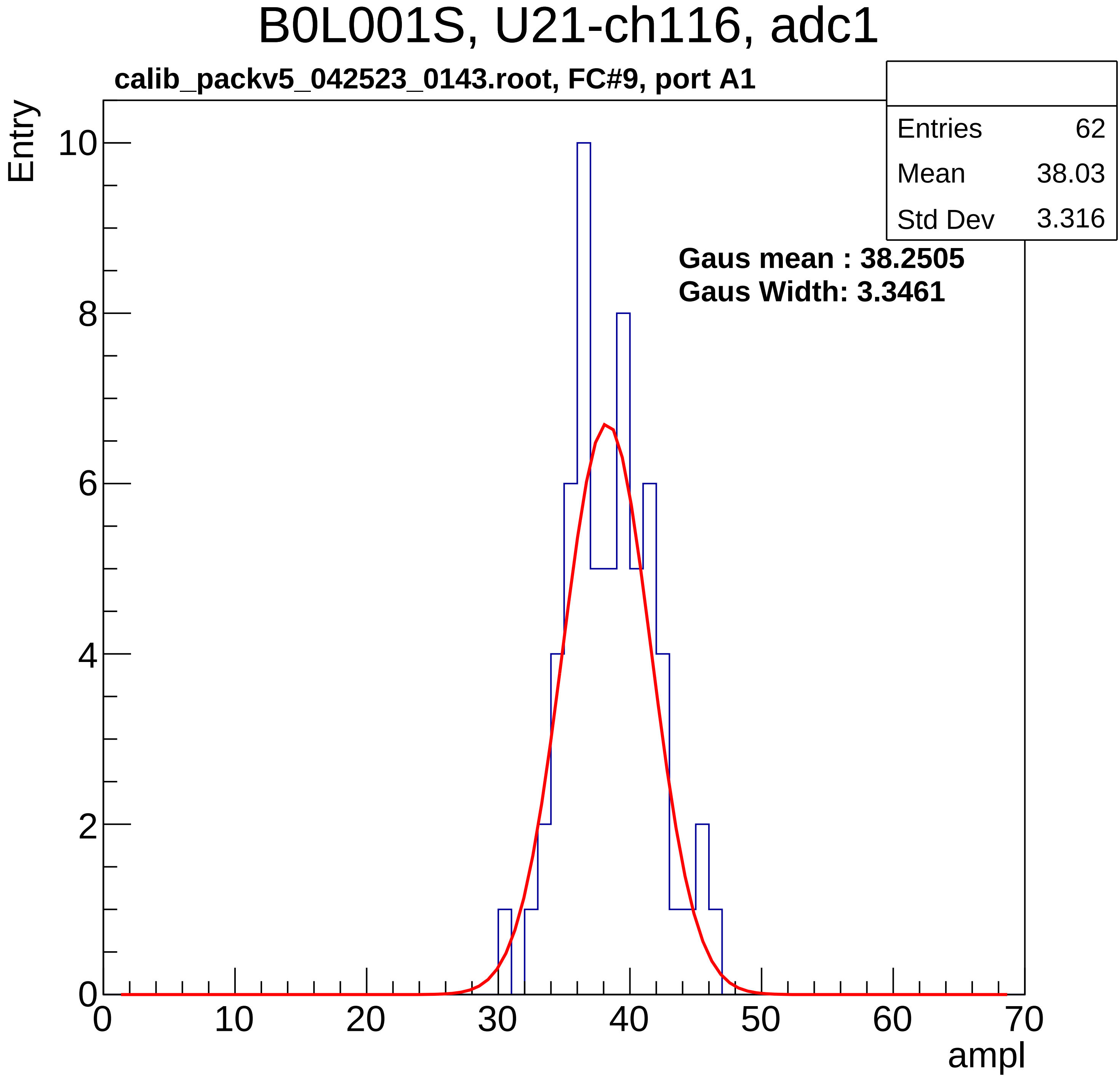

B0L001S, U21-ch115, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

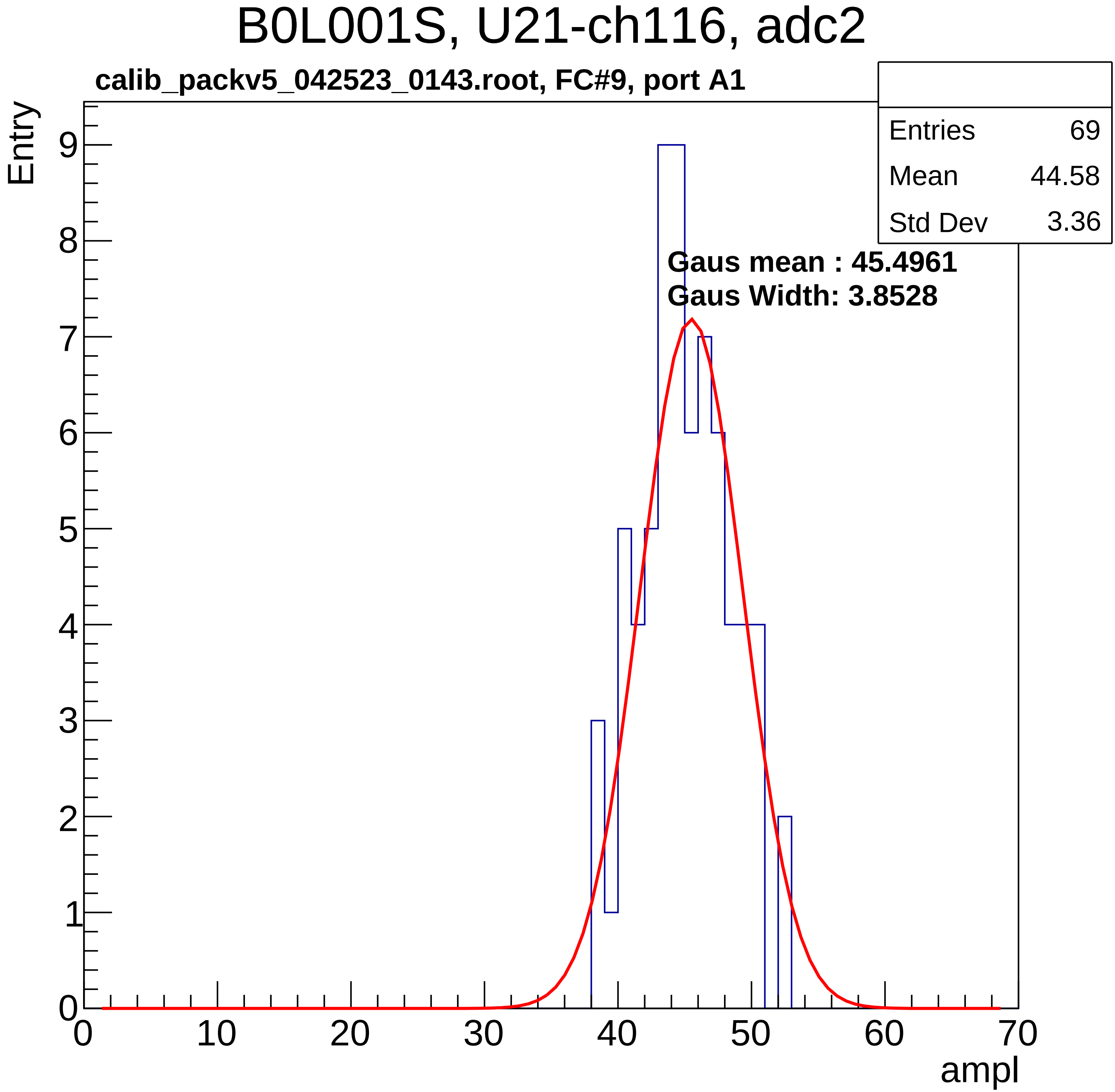
B0L001S, U21-ch115, adc7

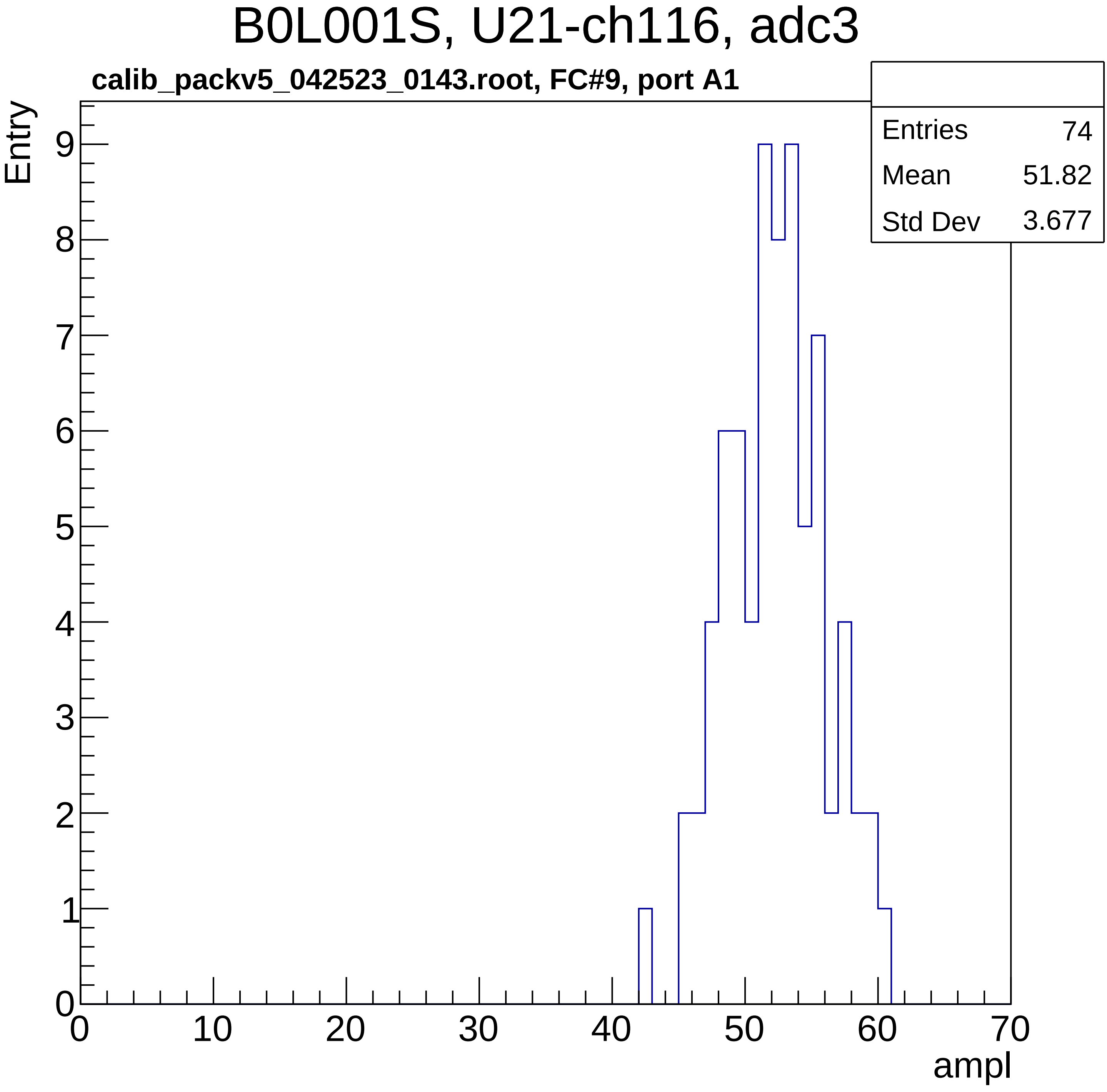
calib_packv5_042523_0143.root, FC#9, port A1

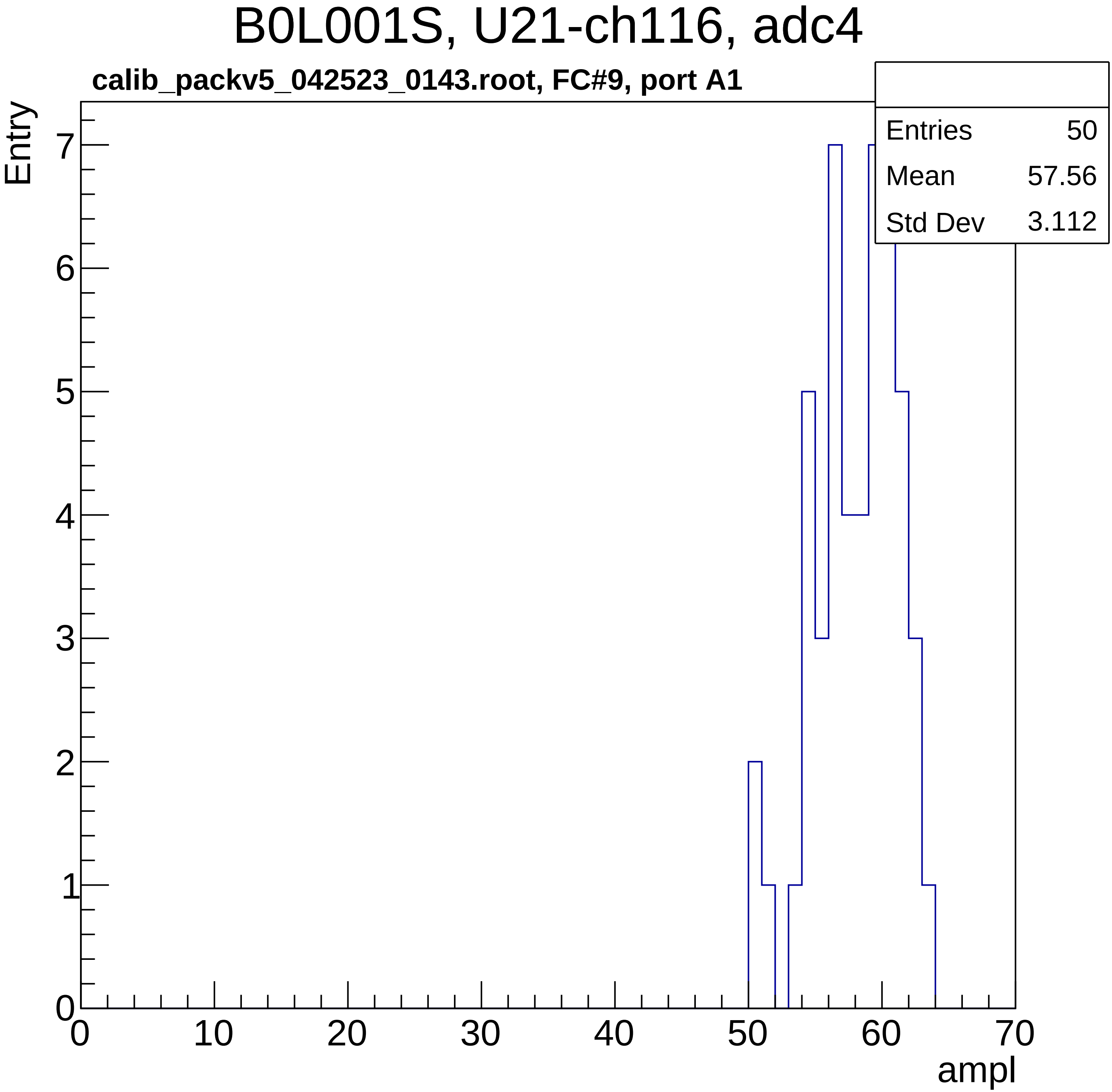



B0L001S, U21-ch116, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 56
Mean 31.39
Std Dev 3.599
Gaus mean : 31.3605
Gaus Width: 4.2556
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

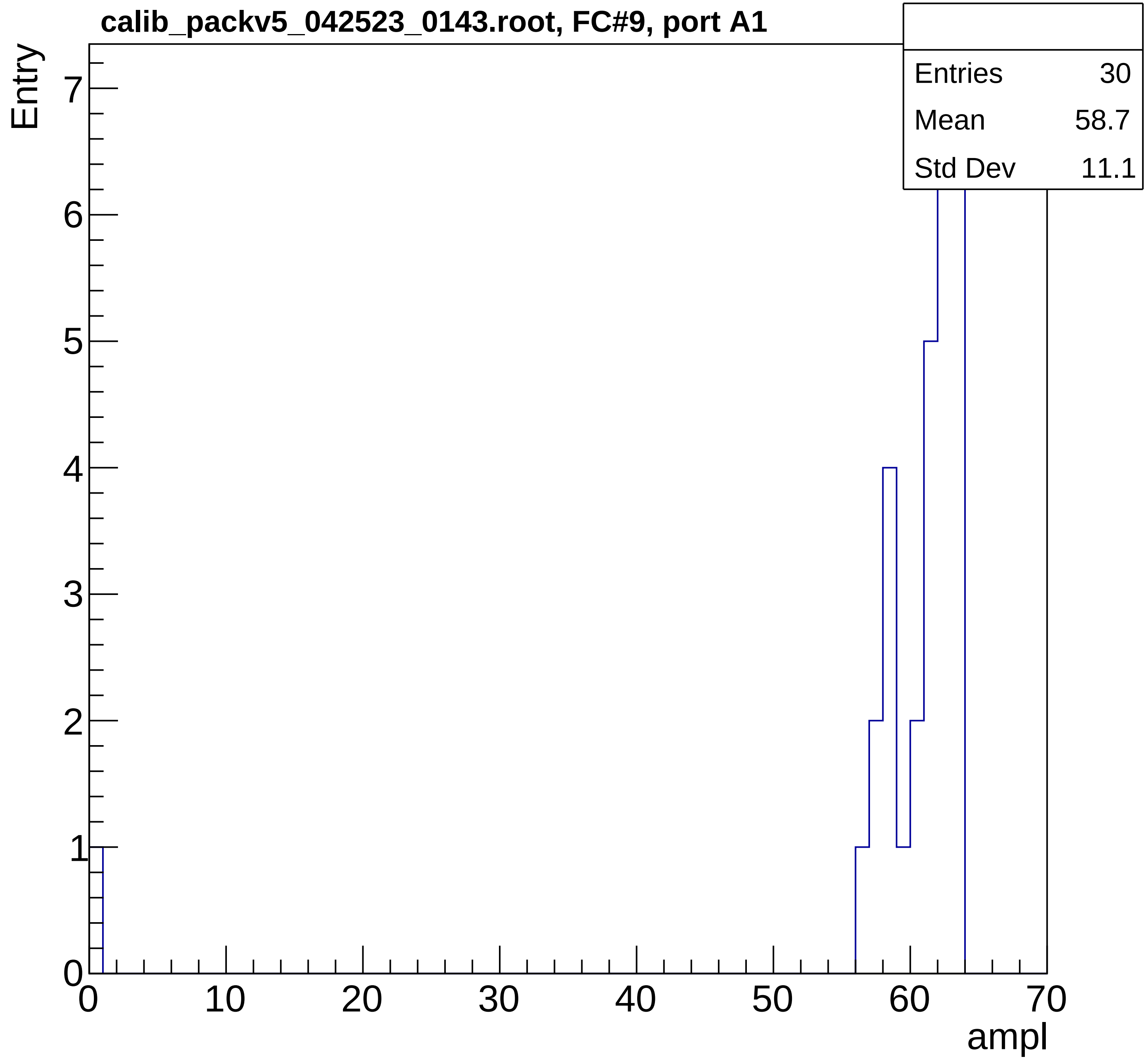

B0L001S, U21-ch116, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 38.03
Std Dev 3.316
Gaus mean : 38.2505
Gaus Width: 3.3461
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

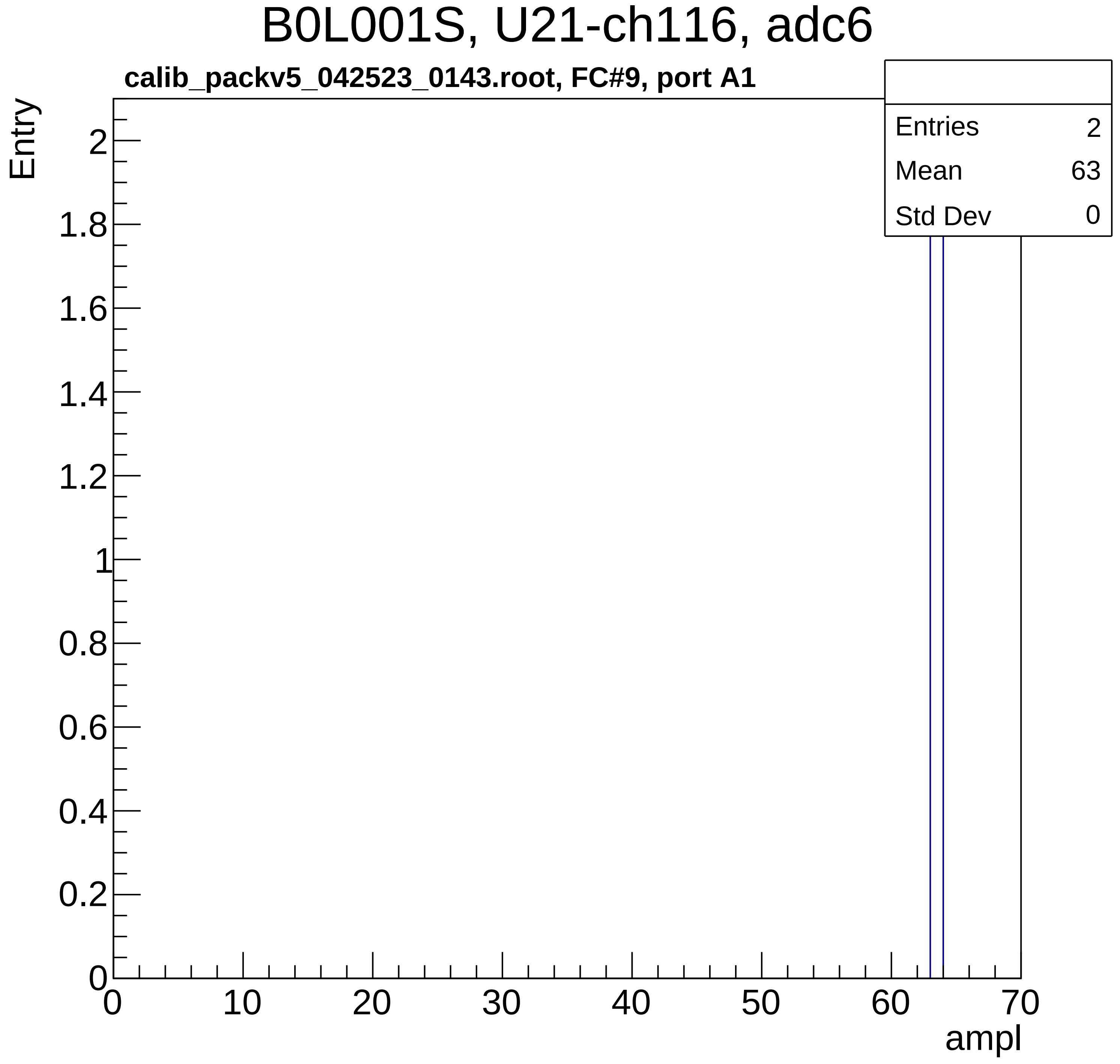

B0L001S, U21-ch116, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.58
Std Dev 3.36
Gaus mean : 45.4961
Gaus Width: 3.8528
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

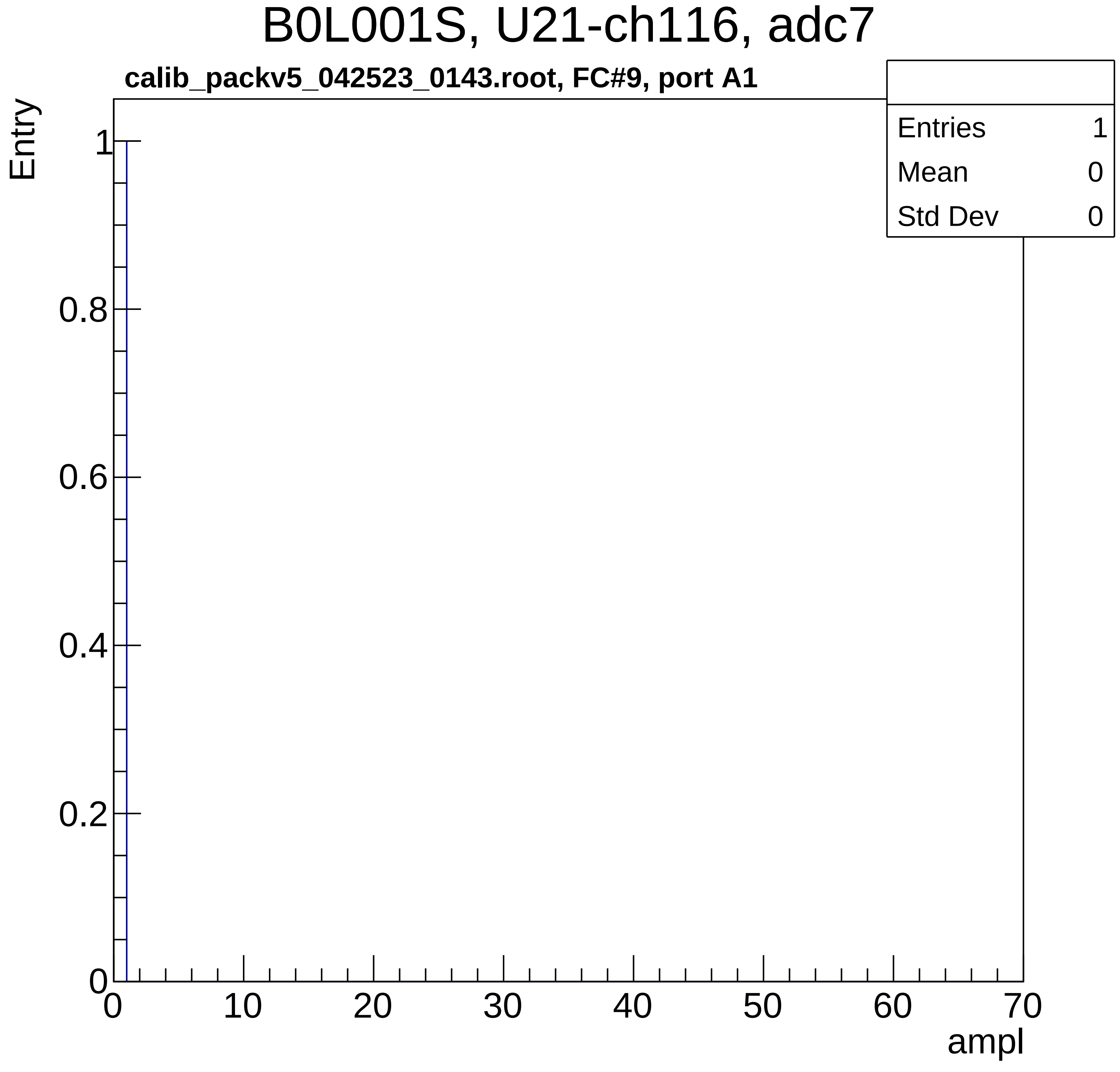

B0L001S, U21-ch116, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
Entries 74
Mean 51.82
Std Dev 3.677

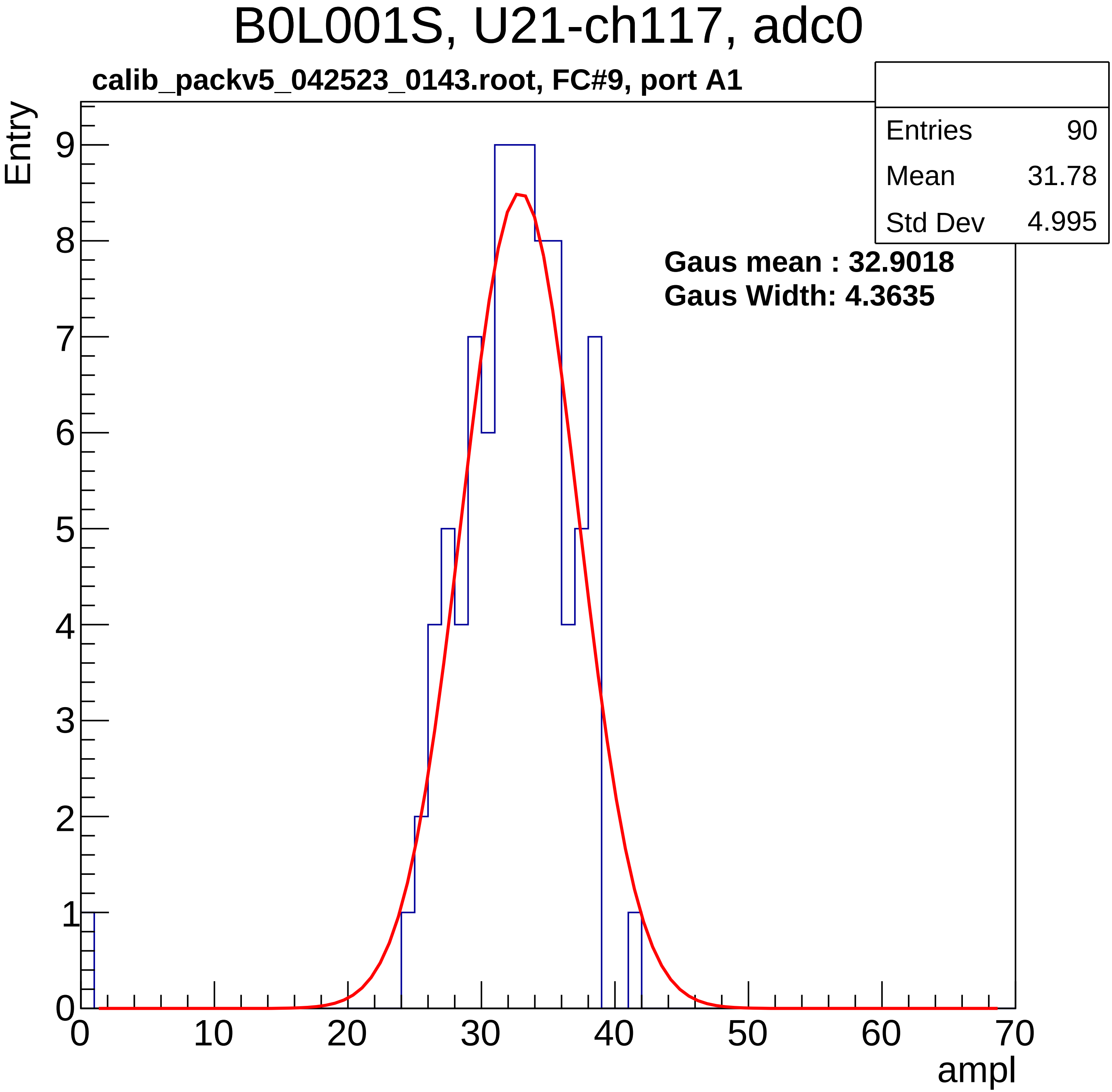

B0L001S, U21-ch116, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 57.56
Std Dev 3.112
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

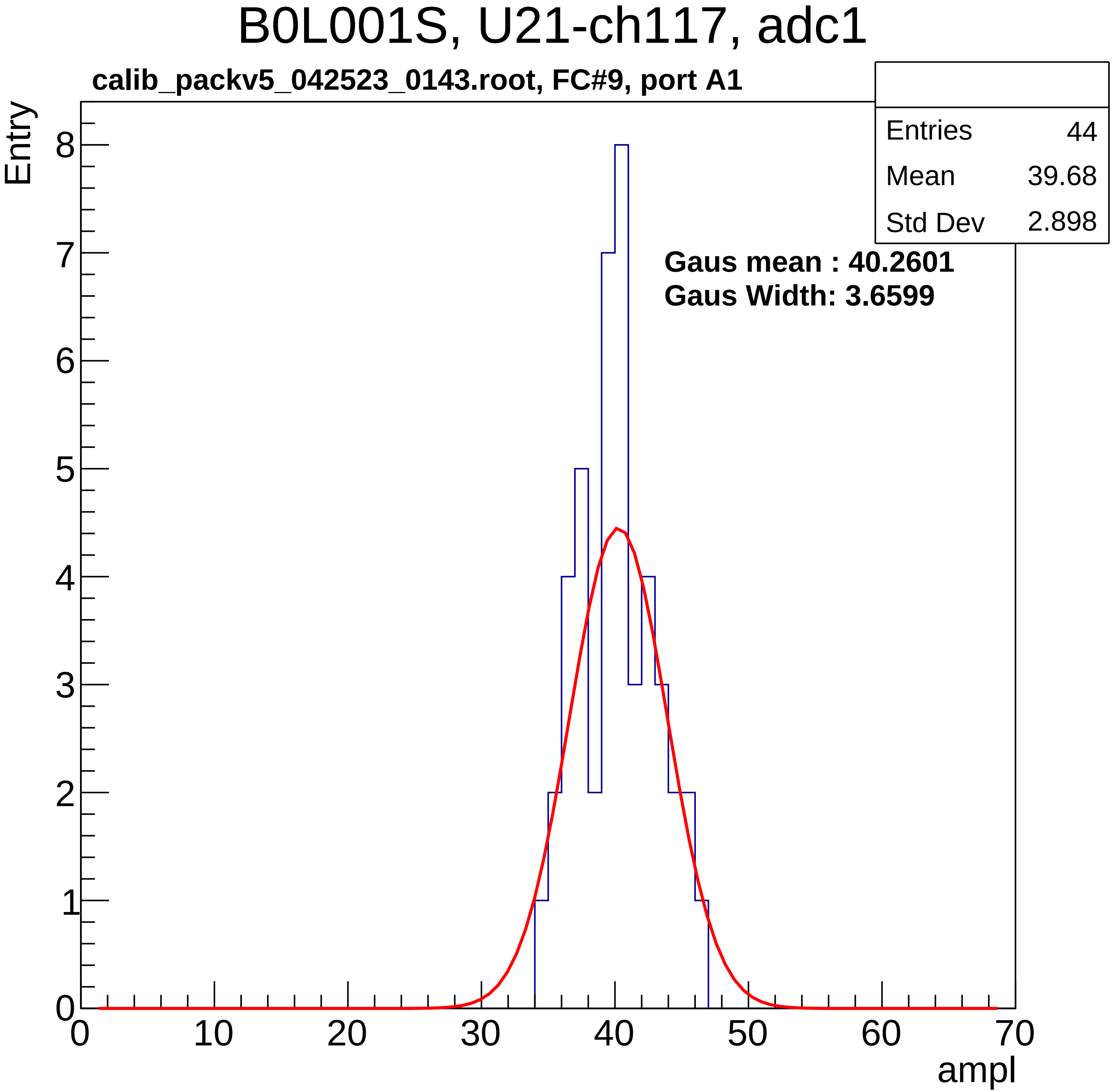
B0L001S, U21-ch116, adc5

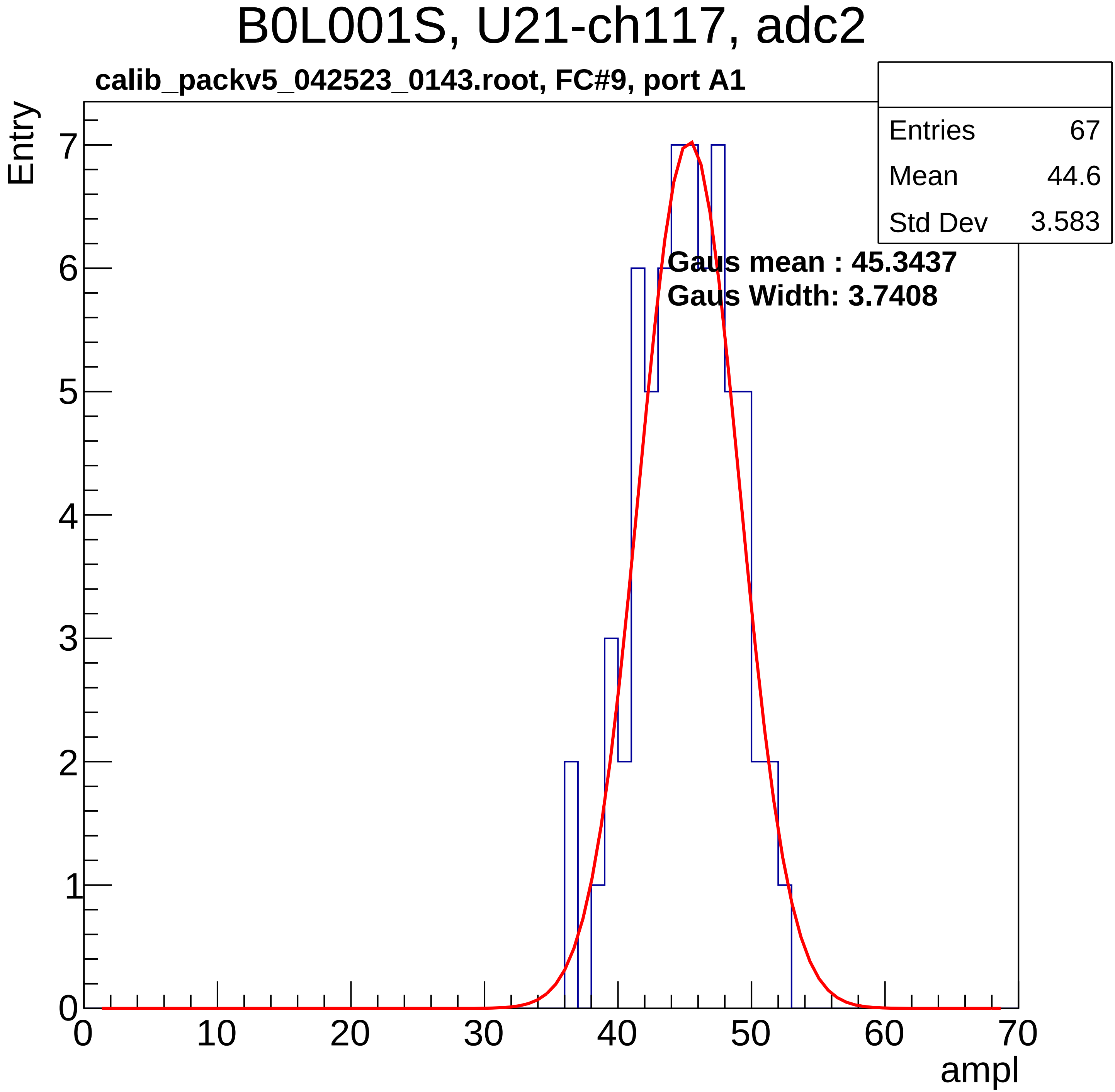


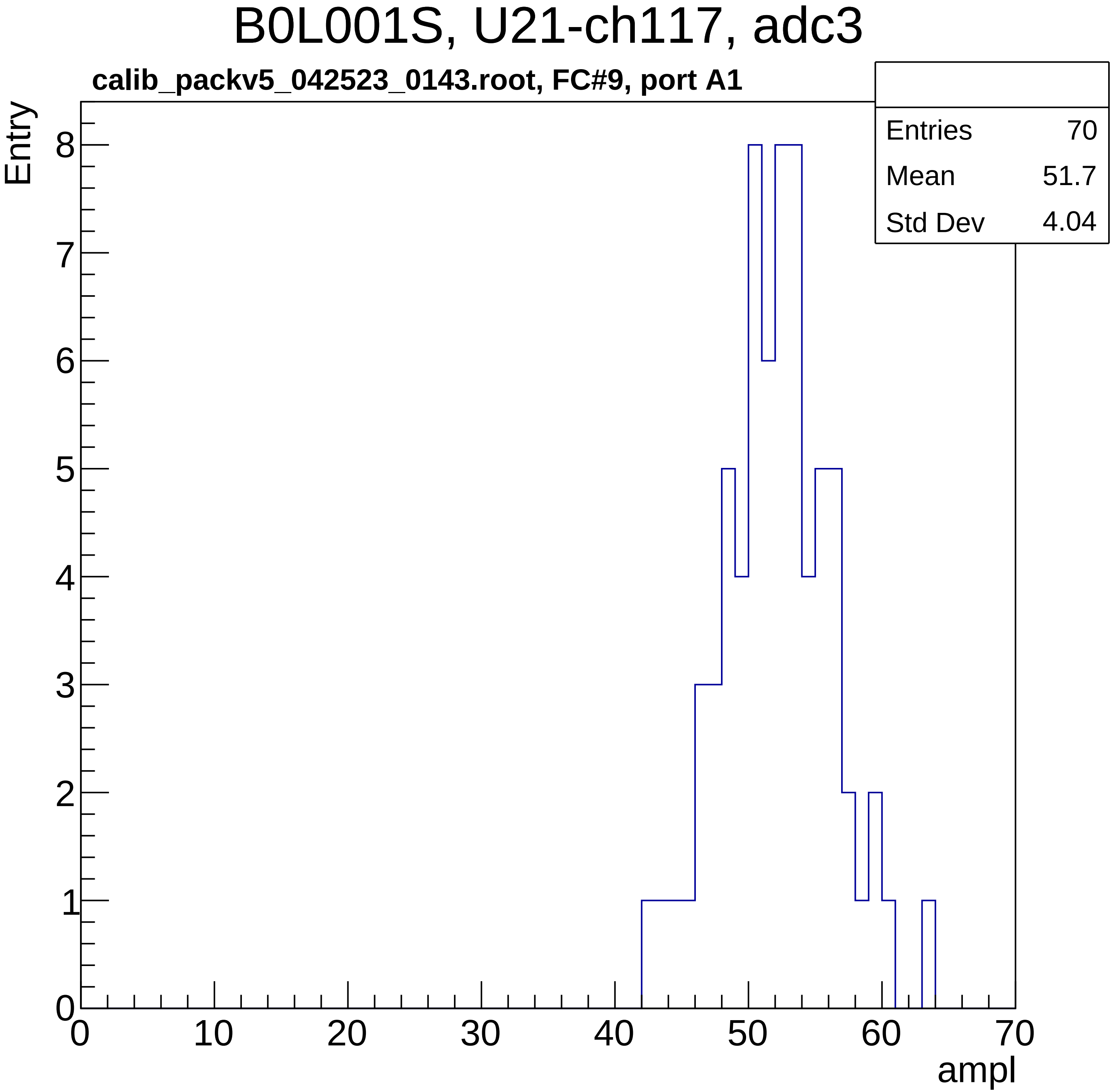

B0L001S, U21-ch116, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch116, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch117, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 90
Mean 31.78
Std Dev 4.995
Gaus mean : 32.9018
Gaus Width: 4.3635
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

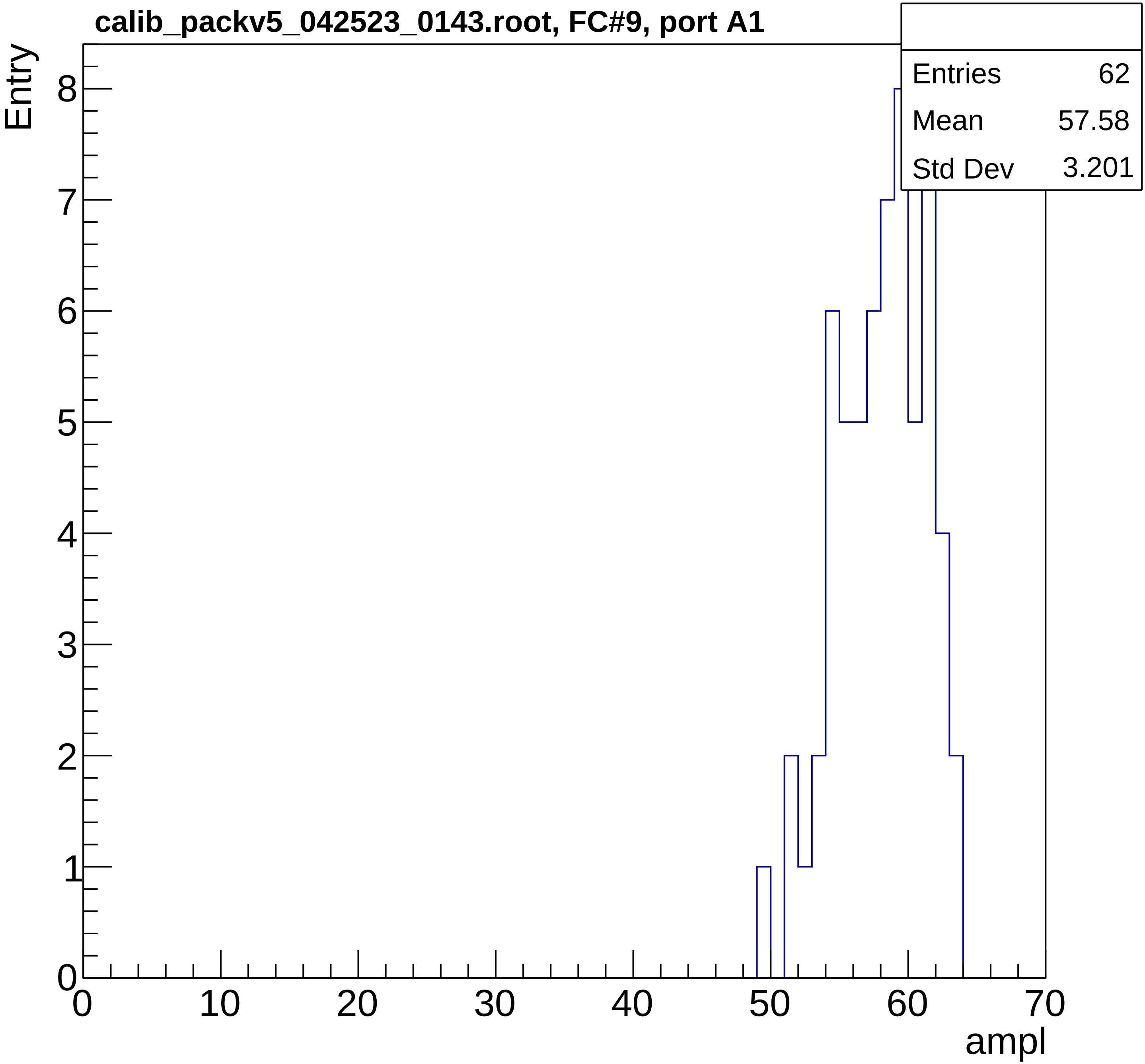

B0L001S, U21-ch117, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 39.68
Std Dev 2.898
Gaus mean : 40.2601
Gaus Width: 3.6599
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch117, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 67
Mean 44.6
Std Dev 3.583
Gaus mean : 45.3437
Gaus Width: 3.7408
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U21-ch117, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 51.7
Std Dev 4.04
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

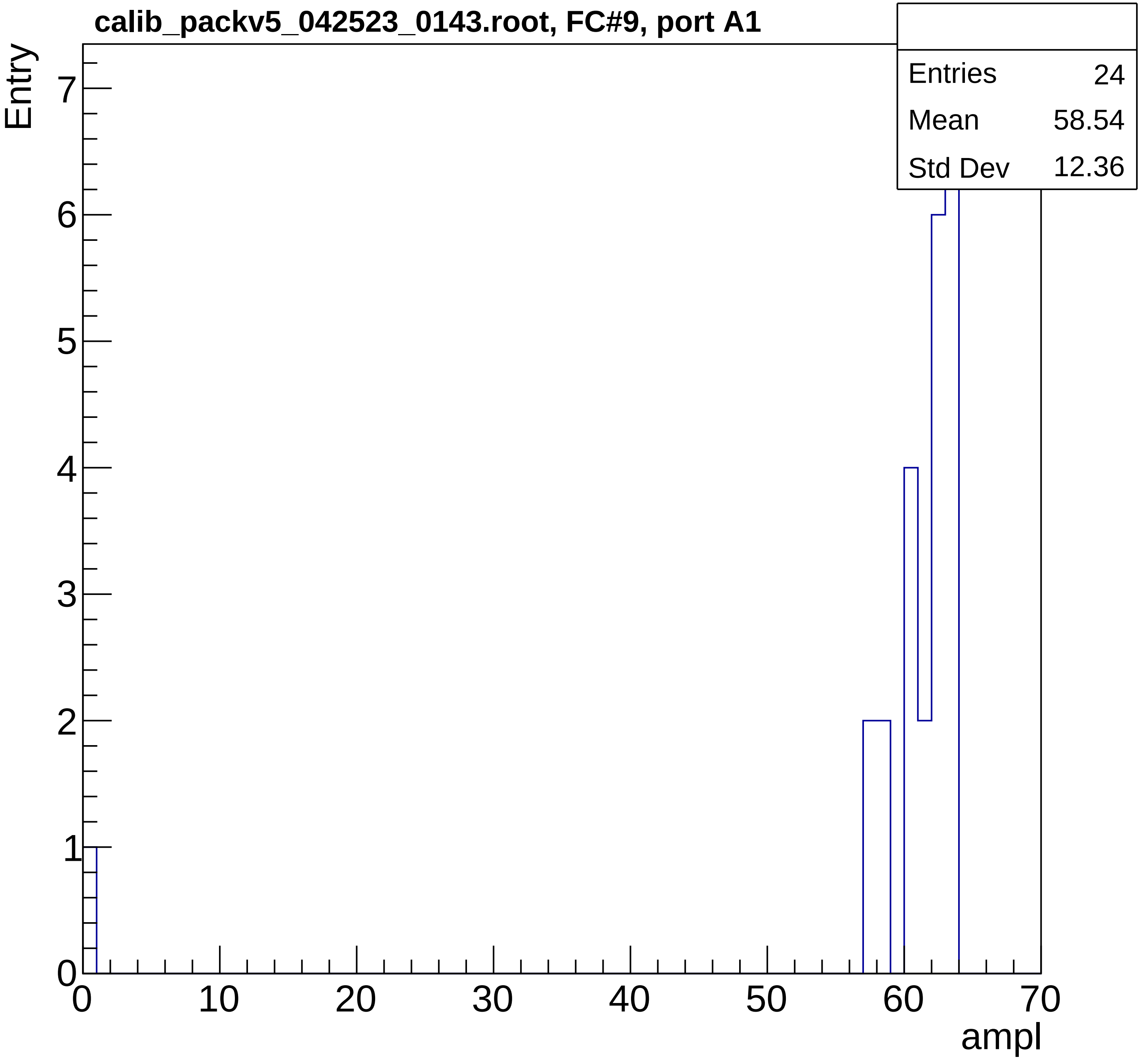
B0L001S, U21-ch117, adc4

calib_packv5_042523_0143.root, FC#9, port A1

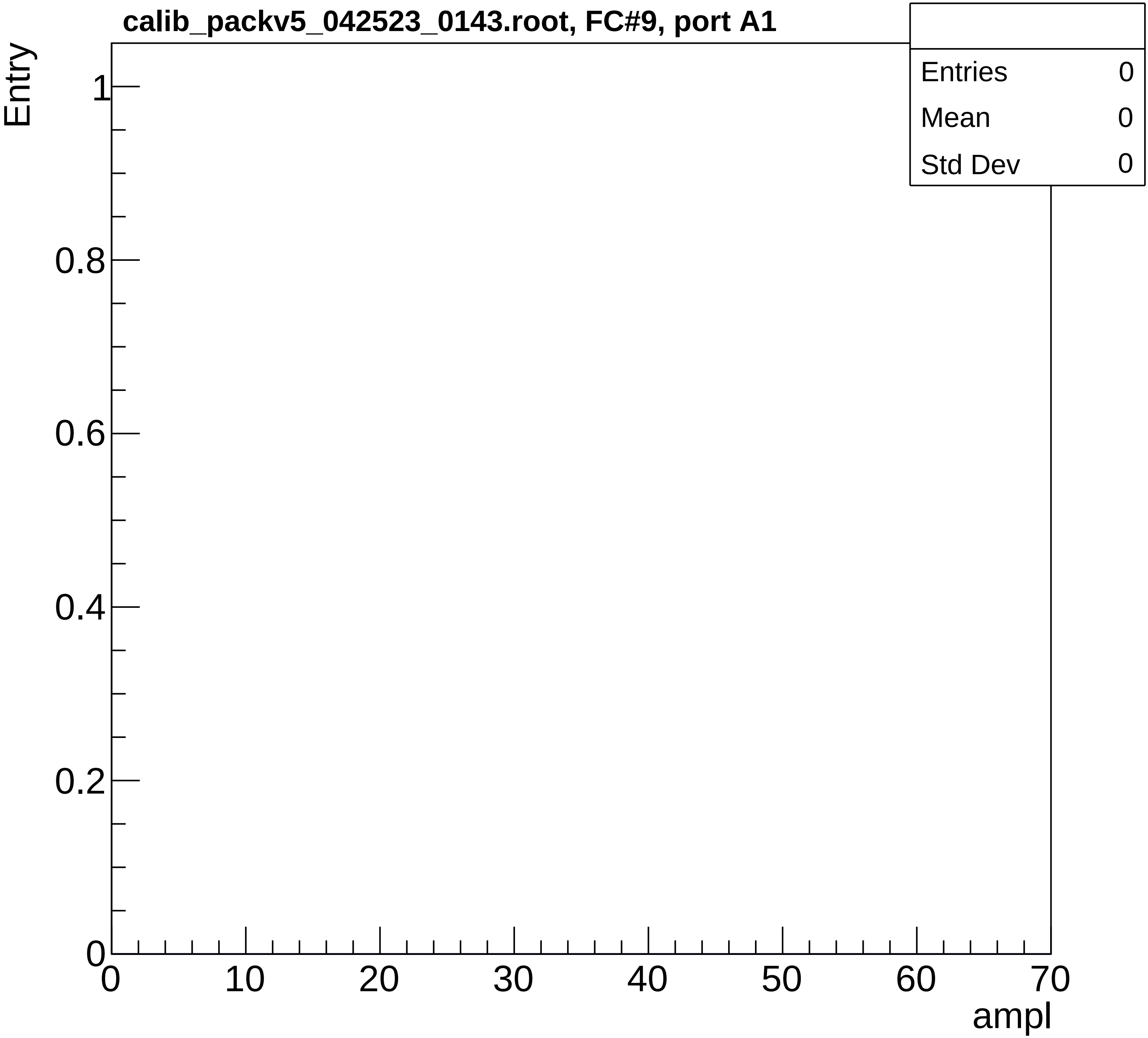


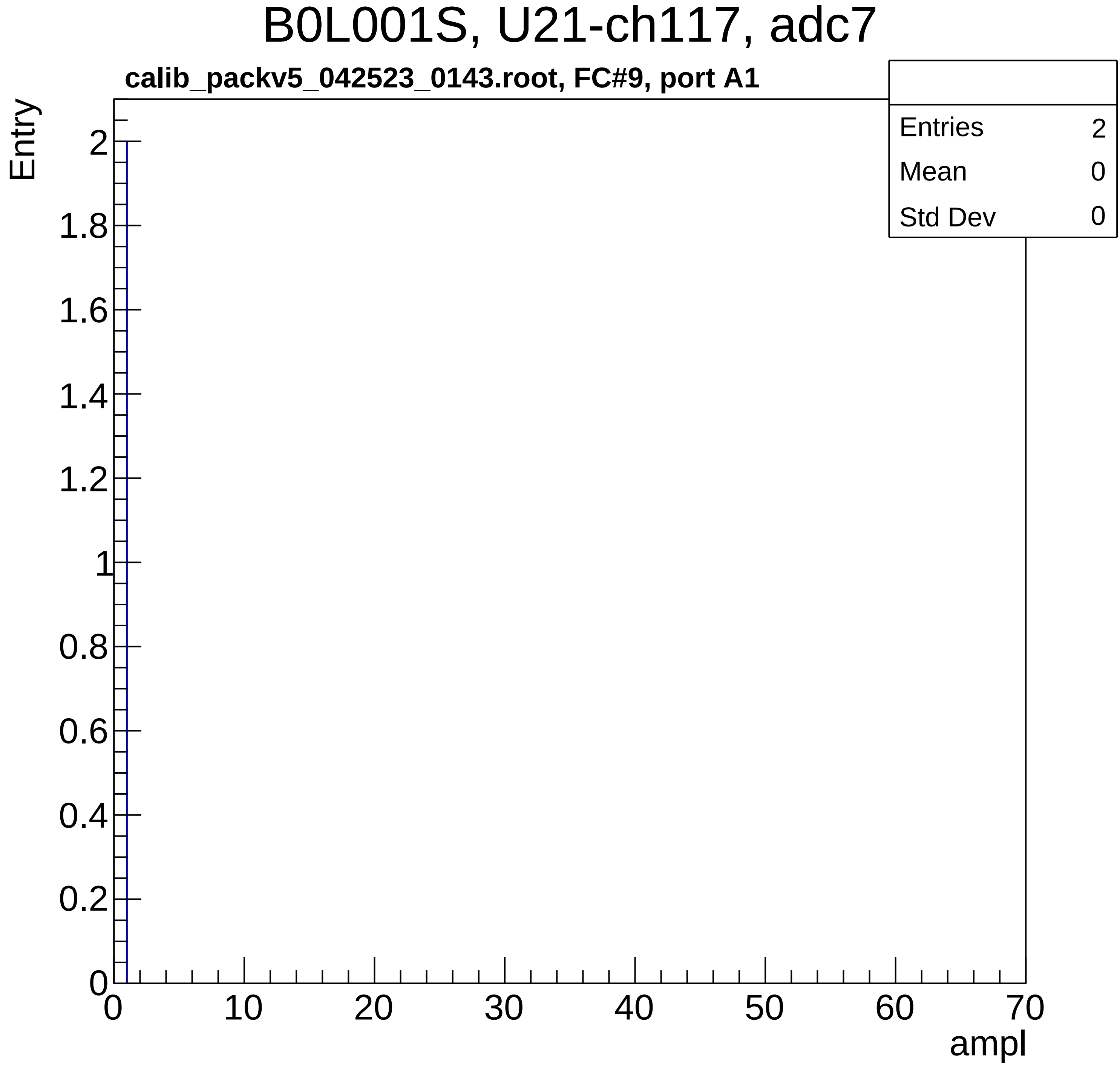
B0L001S, U21-ch117, adc5

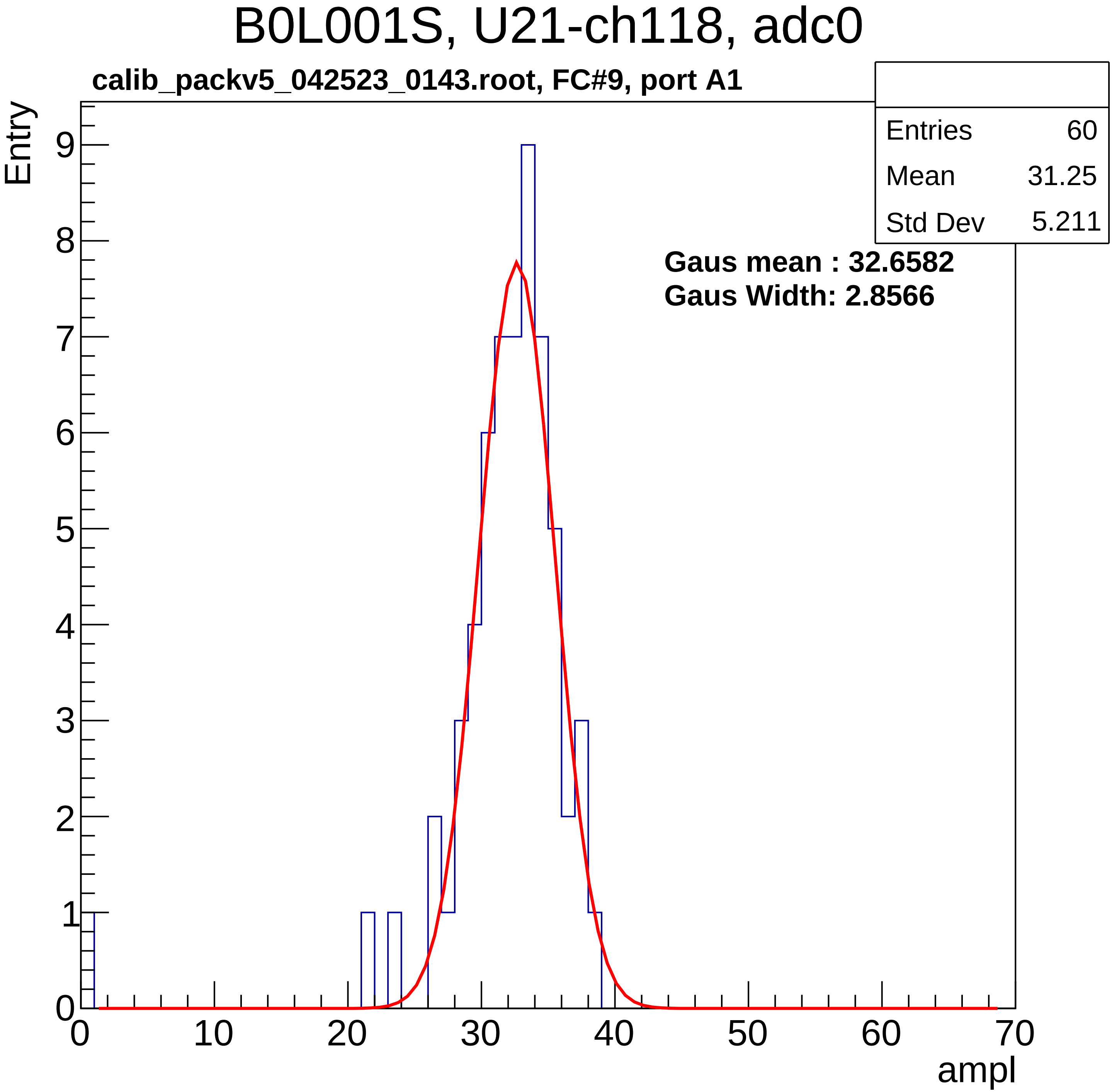
calib_packv5_042523_0143.root, FC#9, port A1

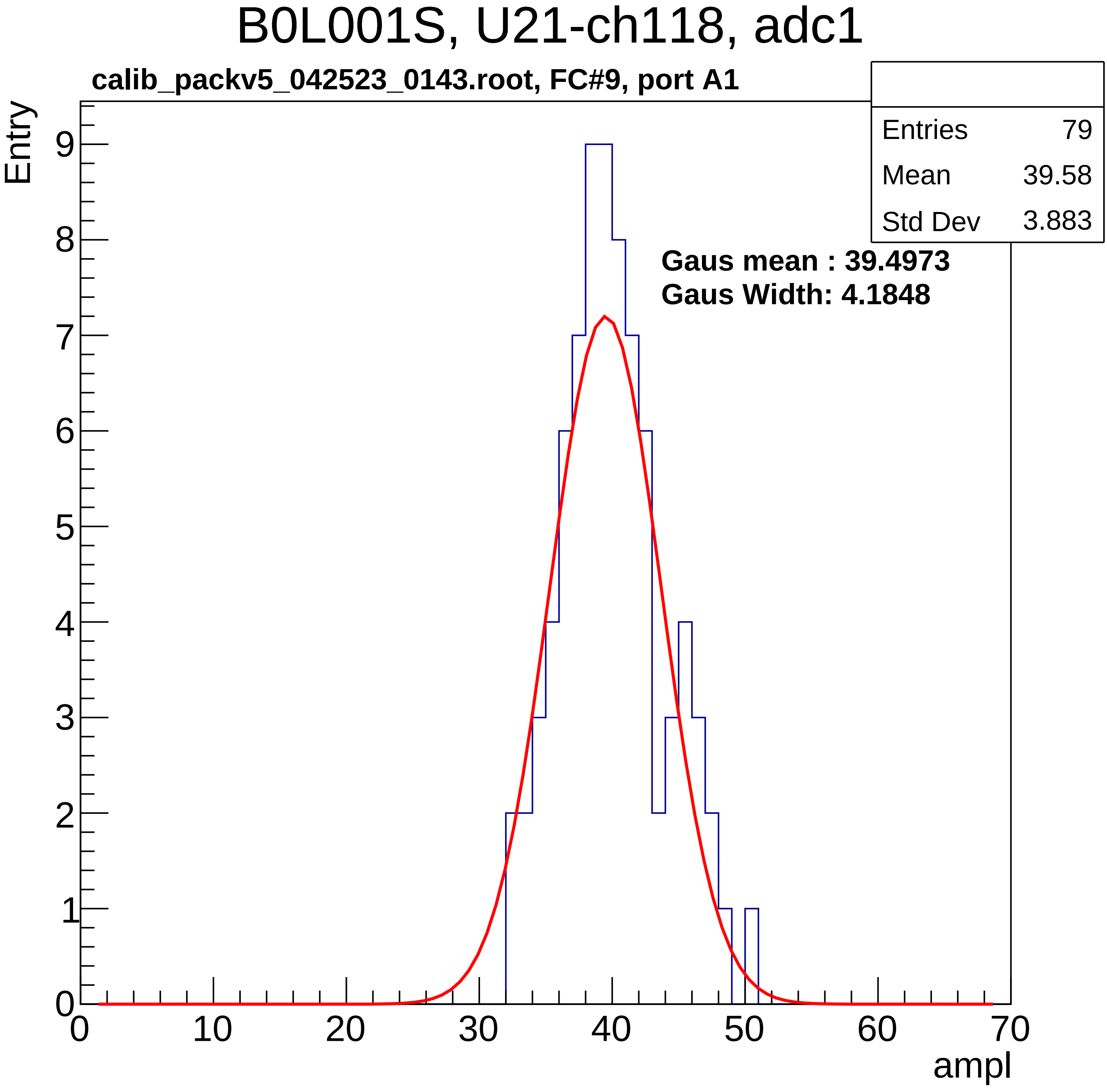


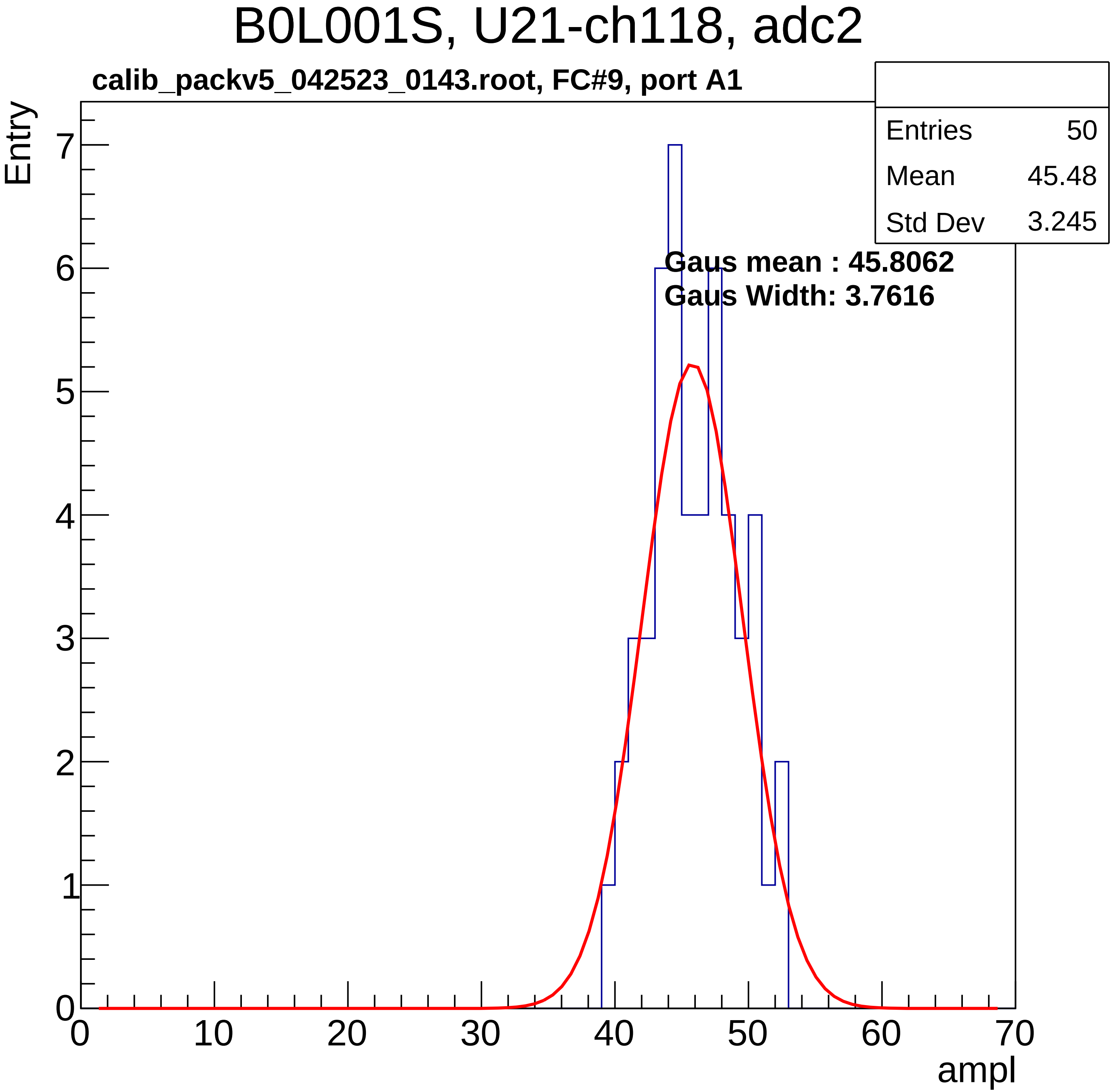
B0L001S, U21-ch117, adc6

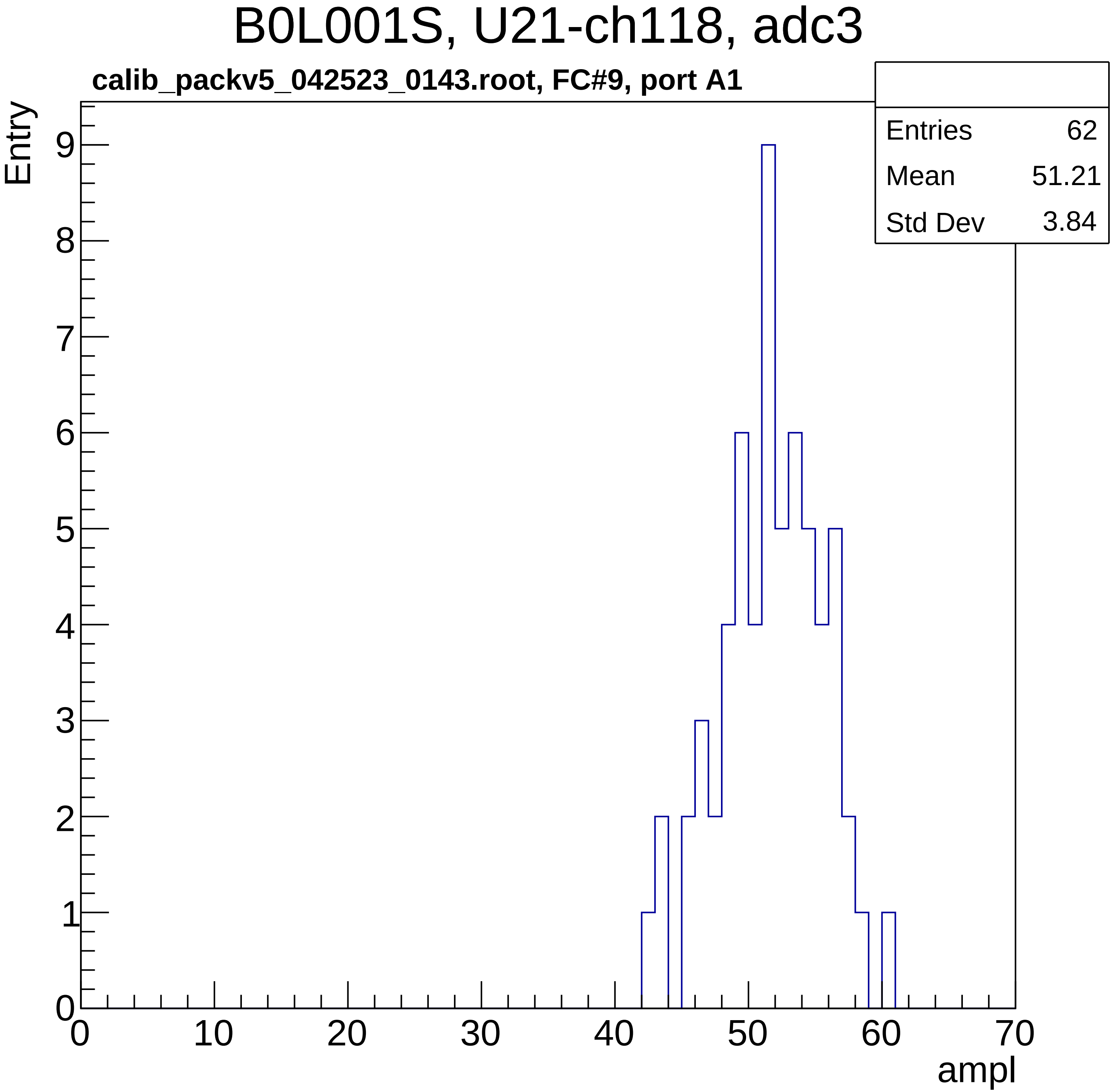


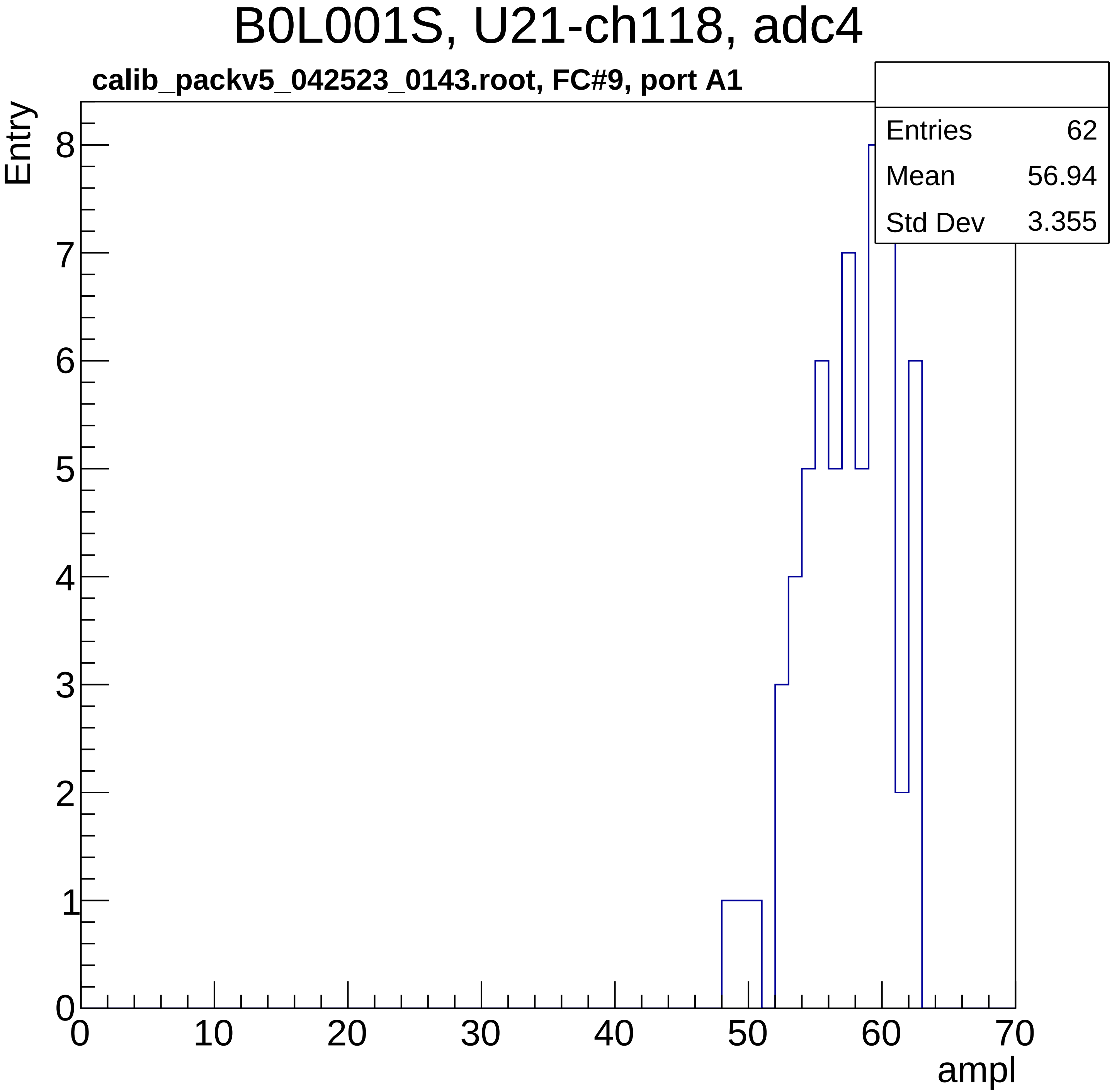

B0L001S, U21-ch117, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

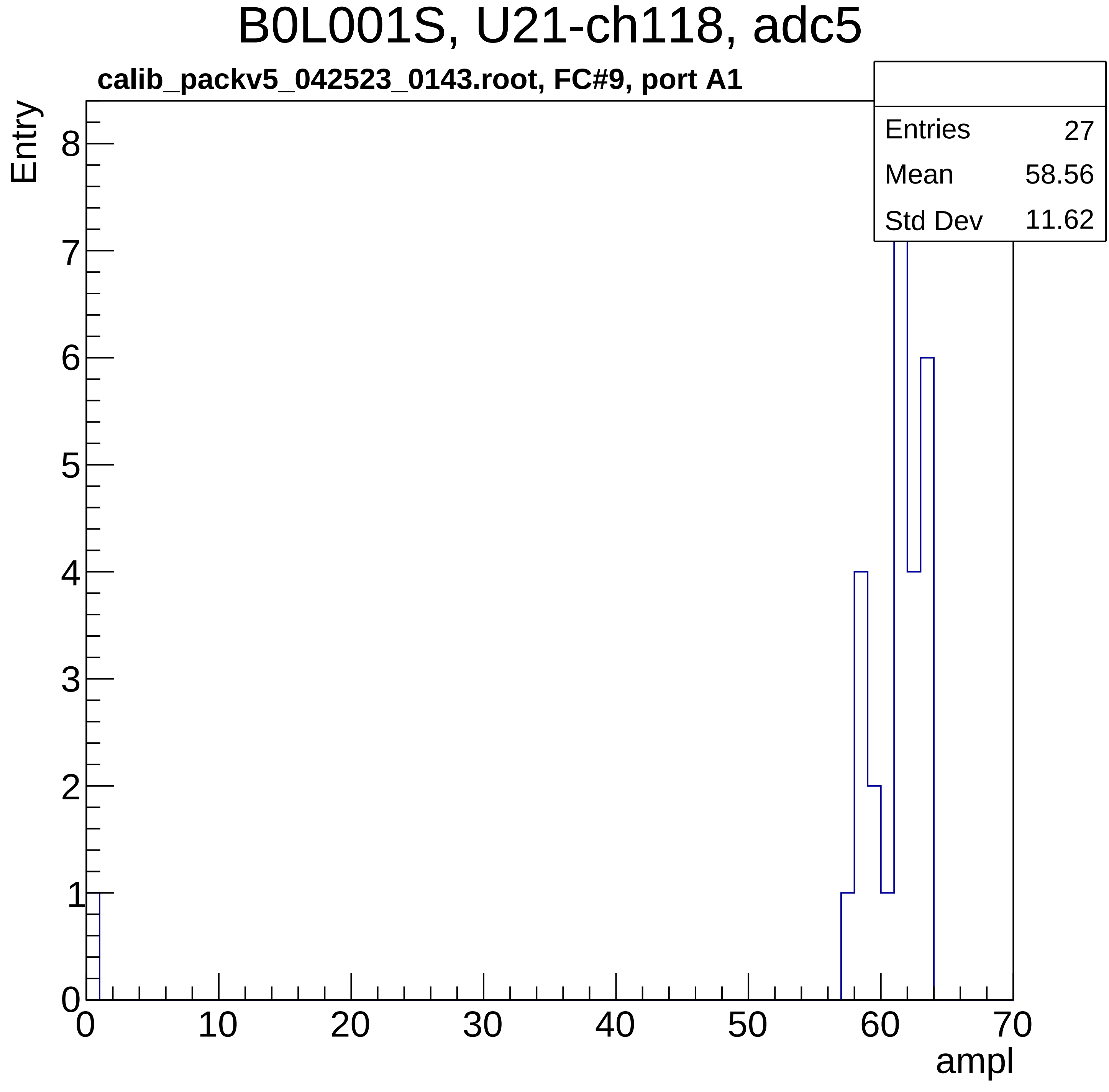

B0L001S, U21-ch118, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 60
Mean 31.25
Std Dev 5.211
Gaus mean : 32.6582
Gaus Width: 2.8566
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

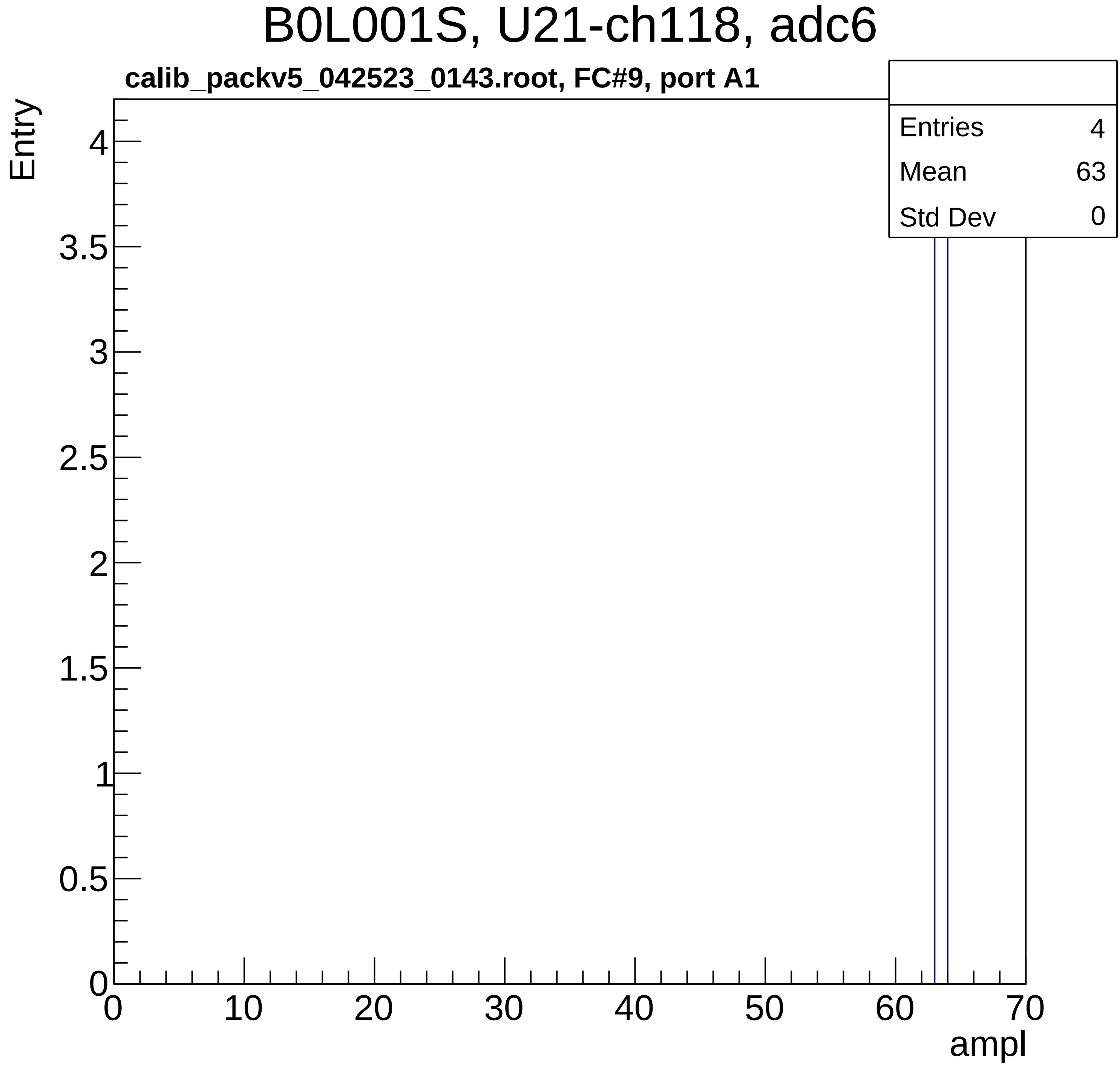

B0L001S, U21-ch118, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 39.58
Std Dev 3.883
Gaus mean : 39.4973
Gaus Width: 4.1848
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

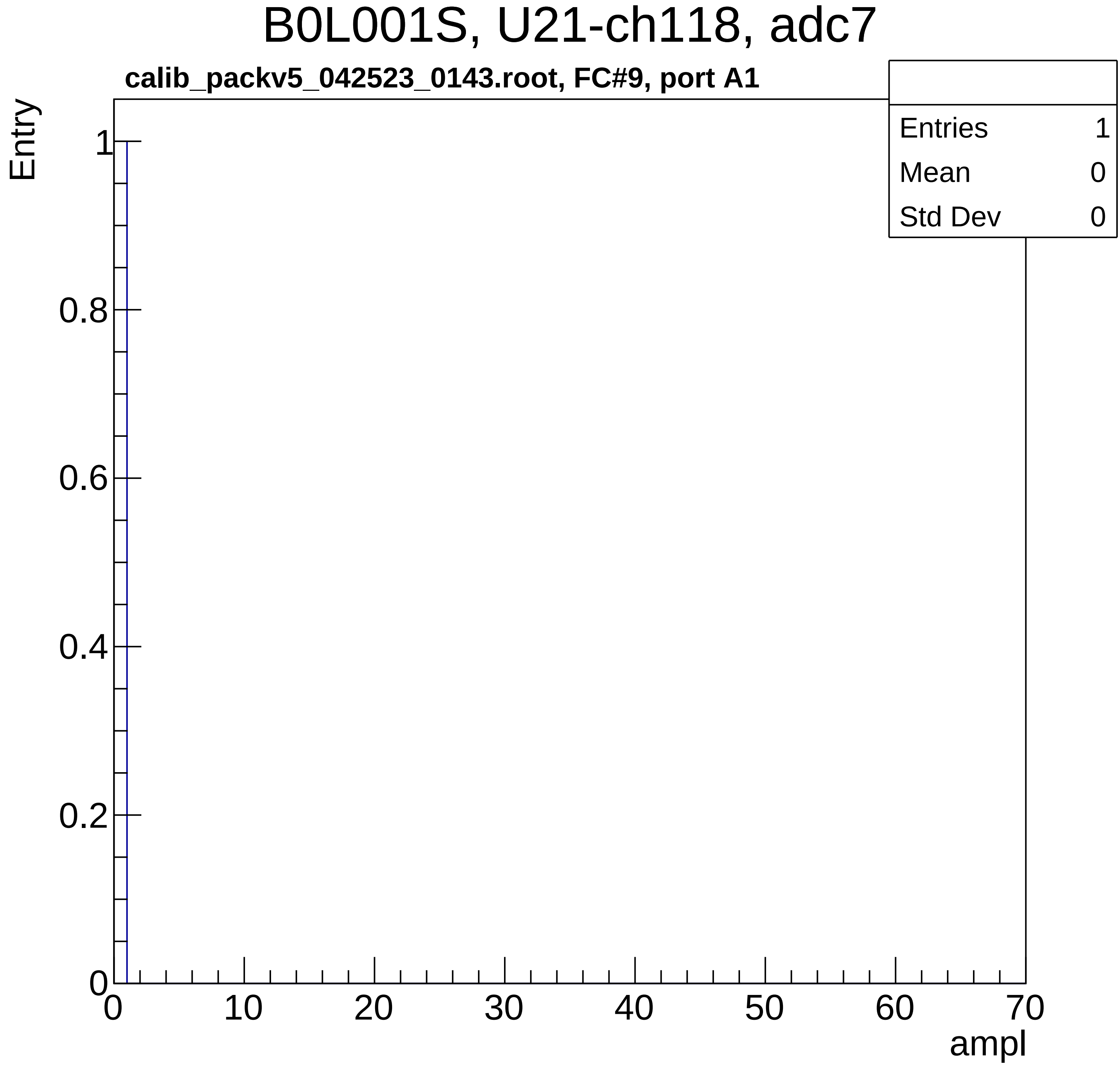

B0L001S, U21-ch118, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 50
Mean 45.48
Std Dev 3.245
Gaus mean : 45.8062
Gaus Width: 3.7616
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

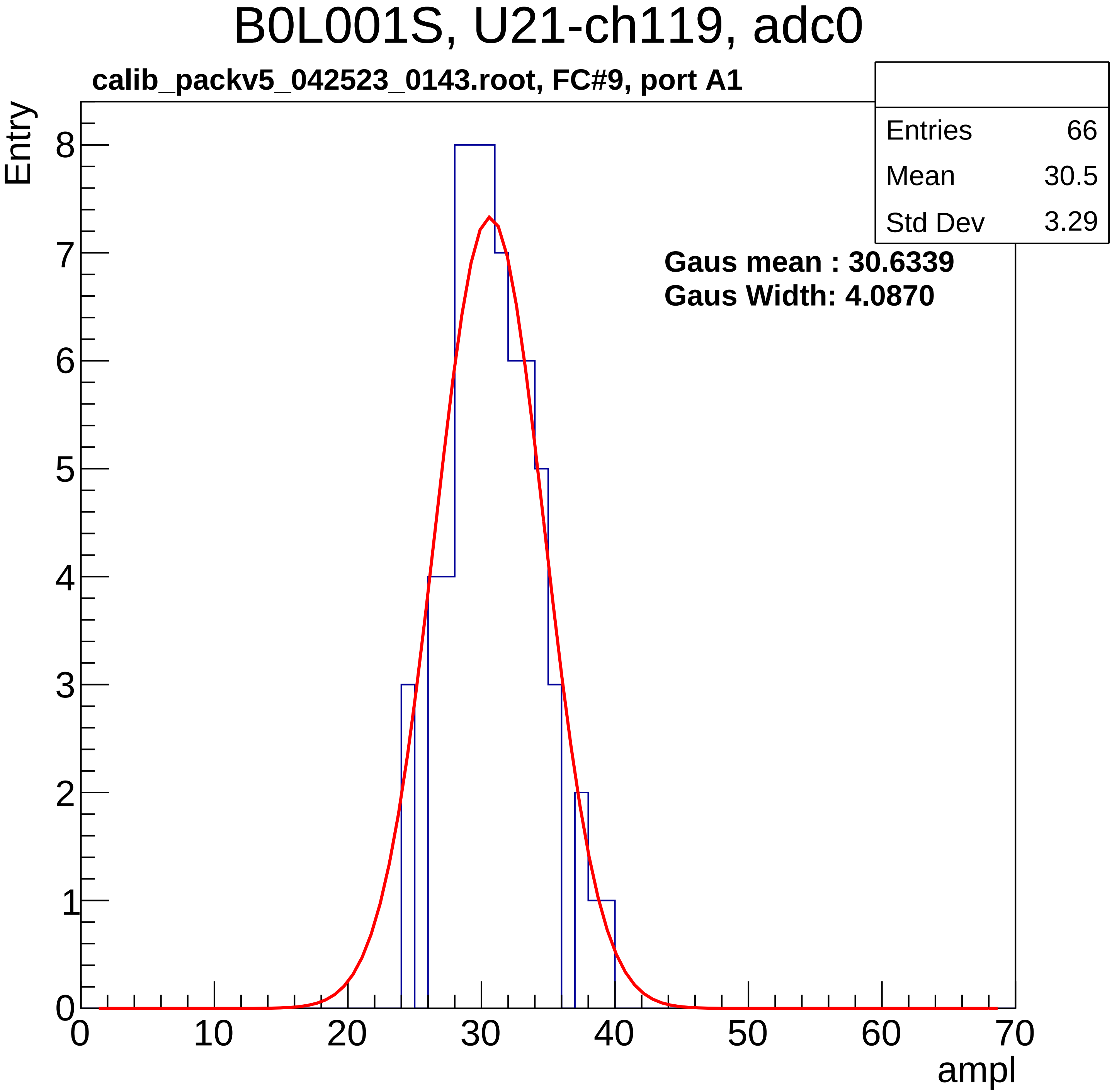

B0L001S, U21-ch118, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 51.21
Std Dev 3.84
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

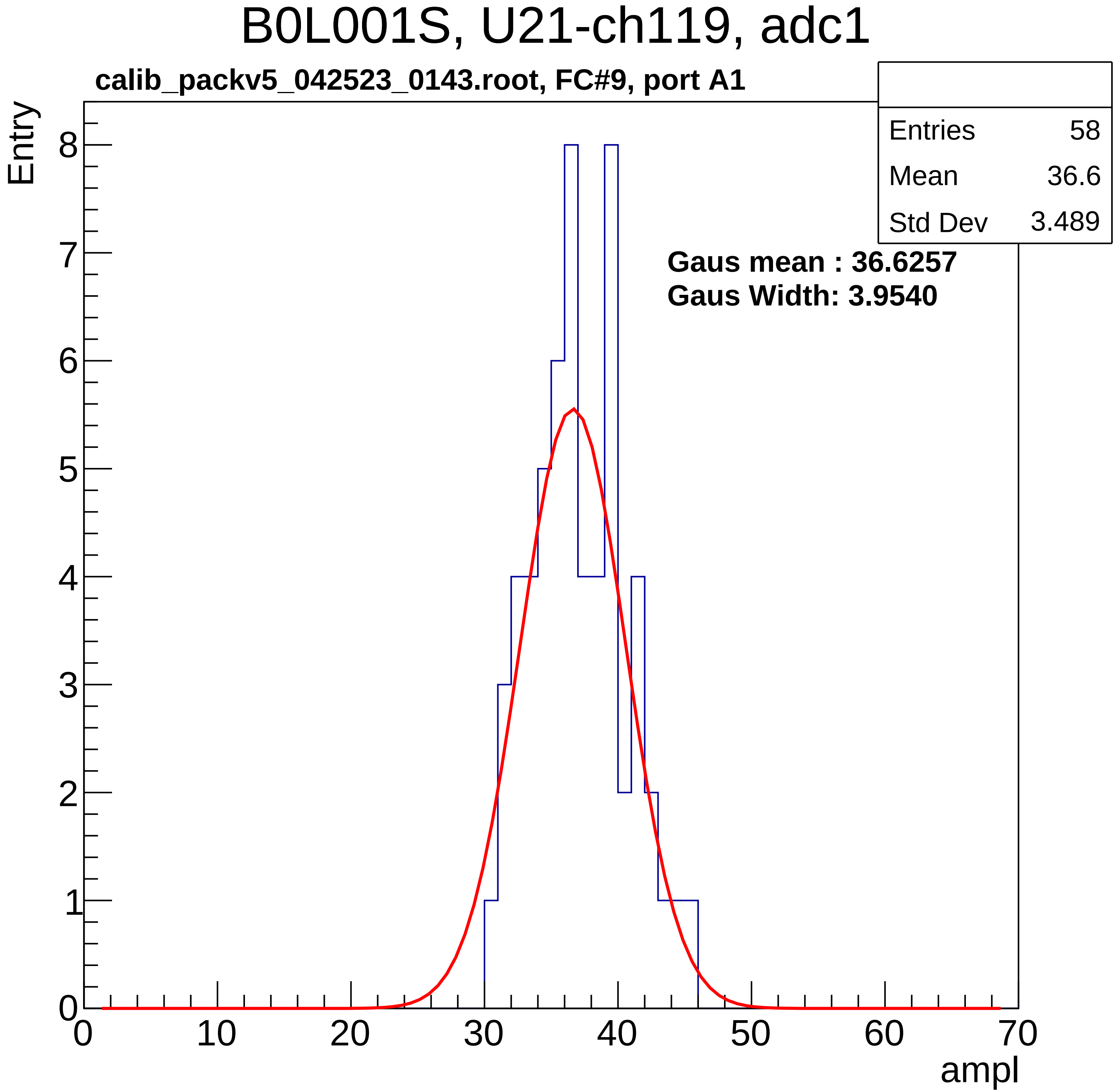

B0L001S, U21-ch118, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 56.94
Std Dev 3.355
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

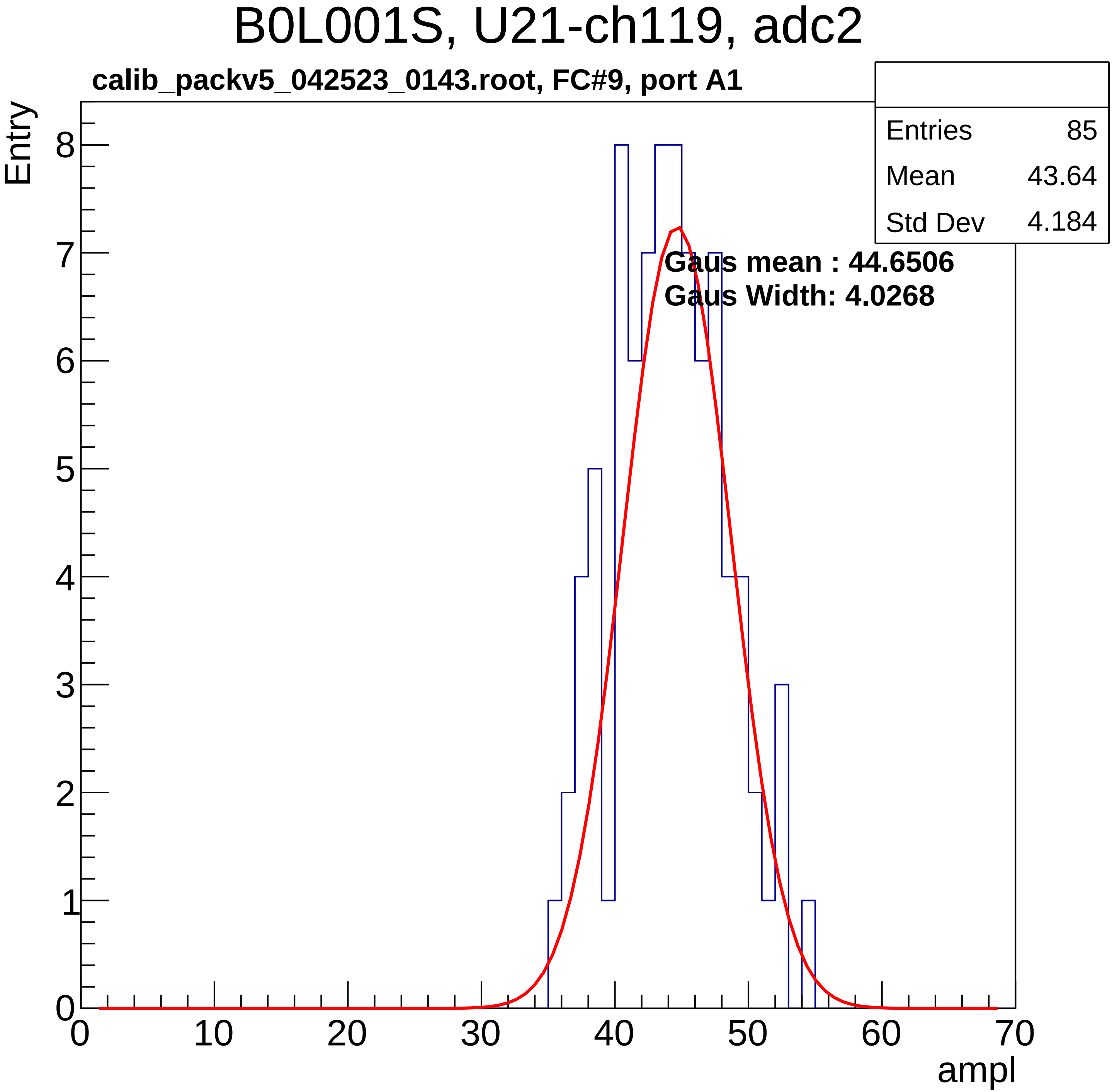

B0L001S, U21-ch118, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.56
Std Dev 11.62
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

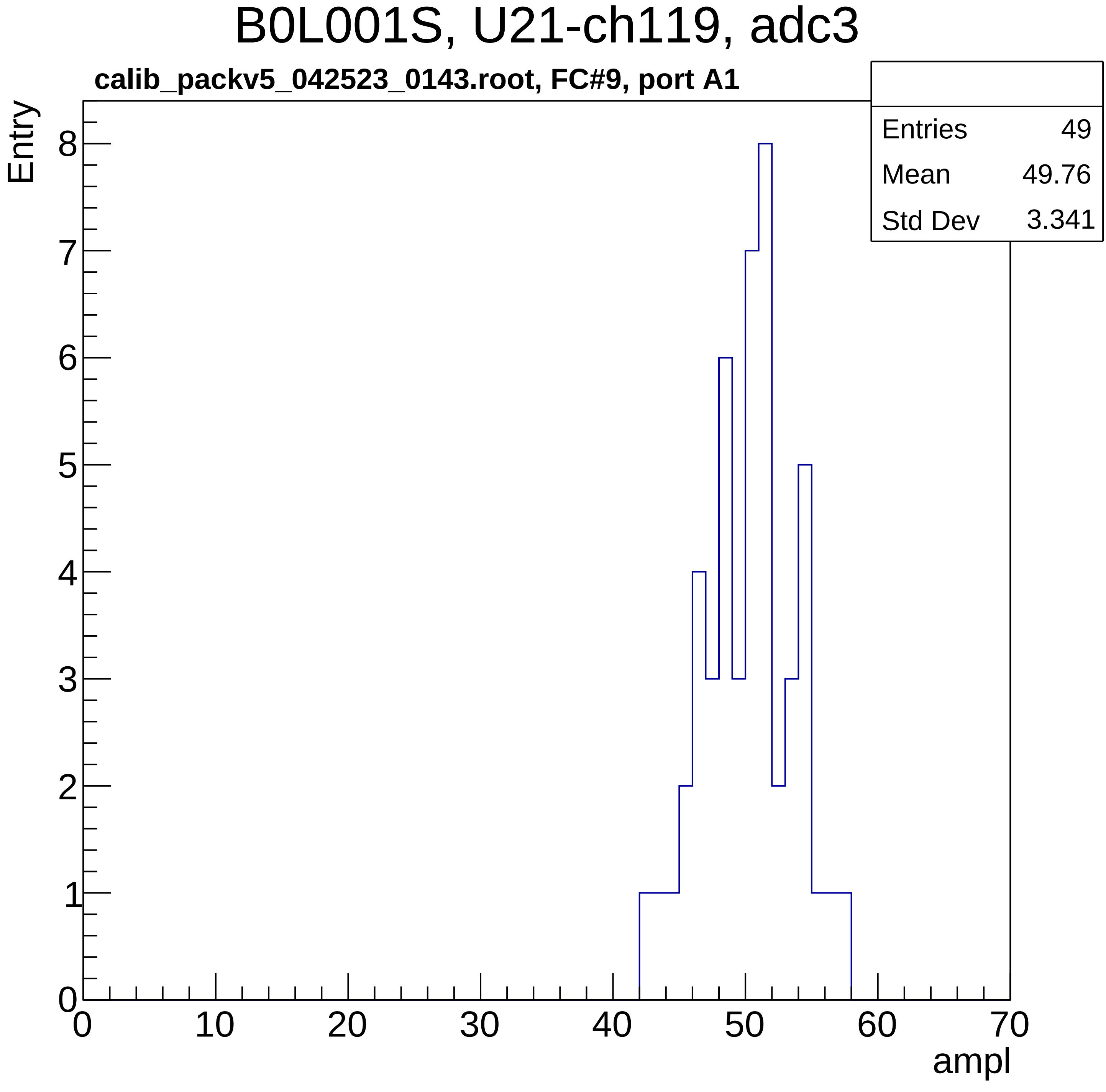

B0L001S, U21-ch118, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 63
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl

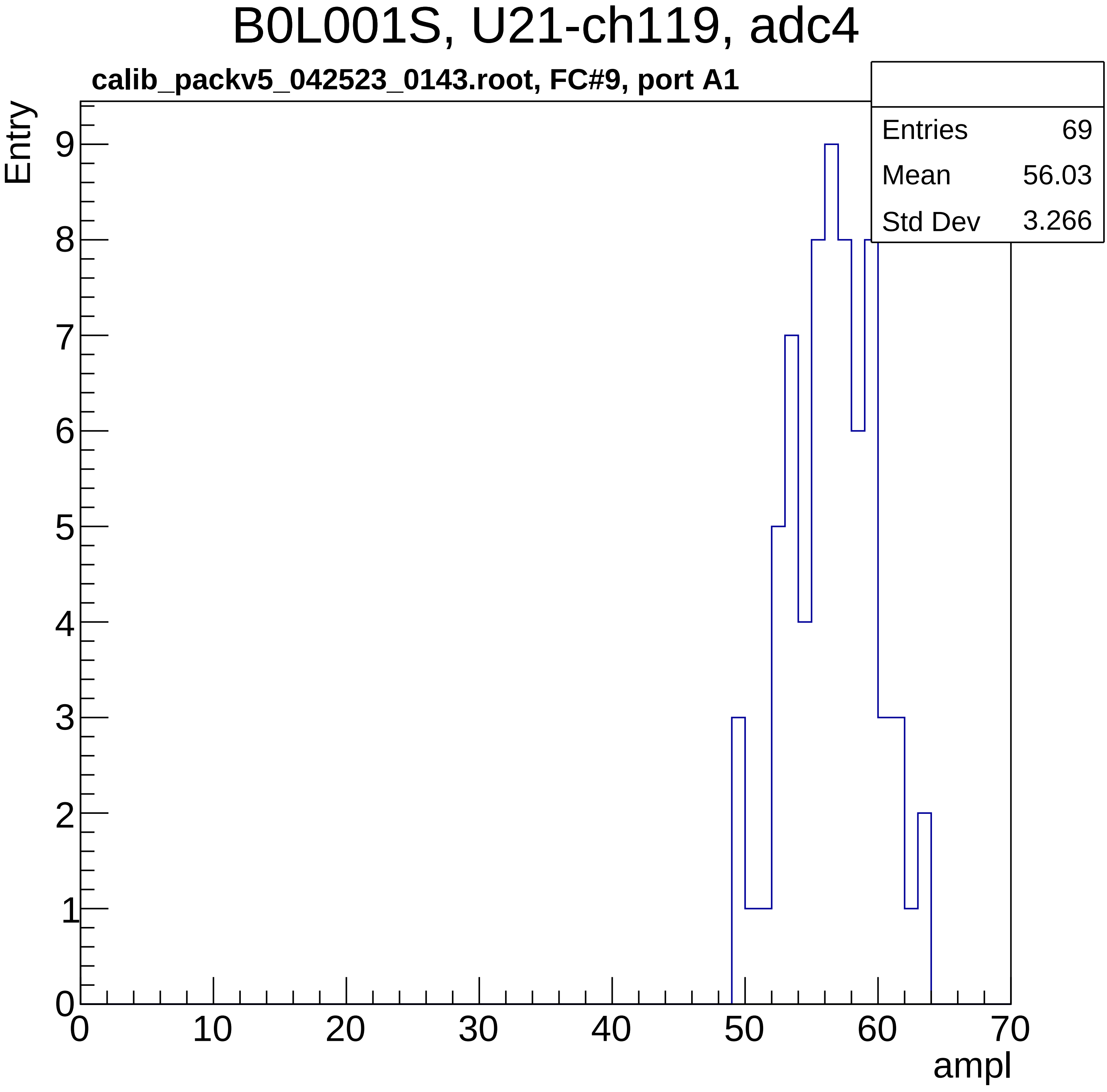

B0L001S, U21-ch118, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

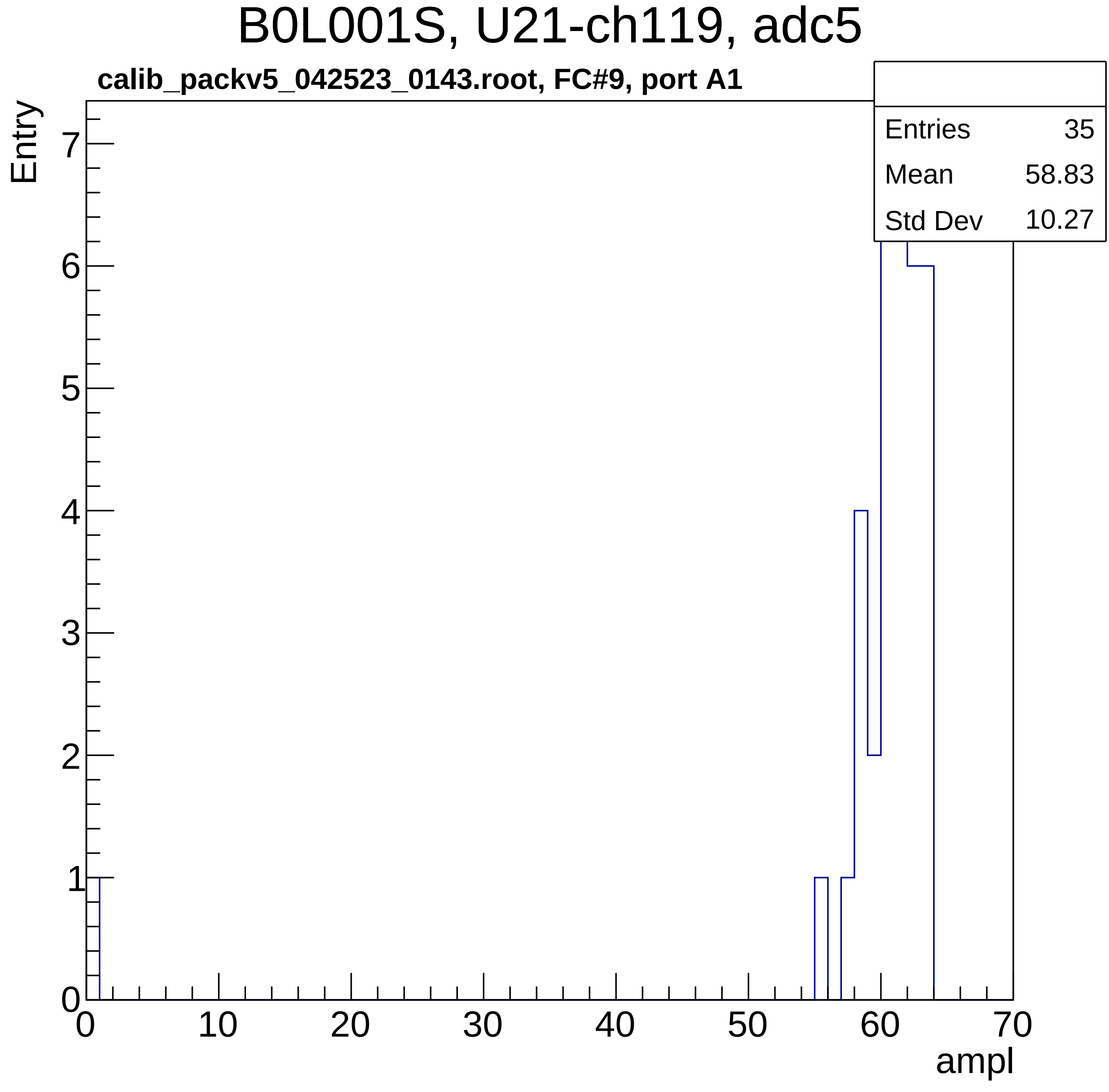

B0L001S, U21-ch119, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 30.5
Std Dev 3.29
Gaus mean : 30.6339
Gaus Width: 4.0870
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

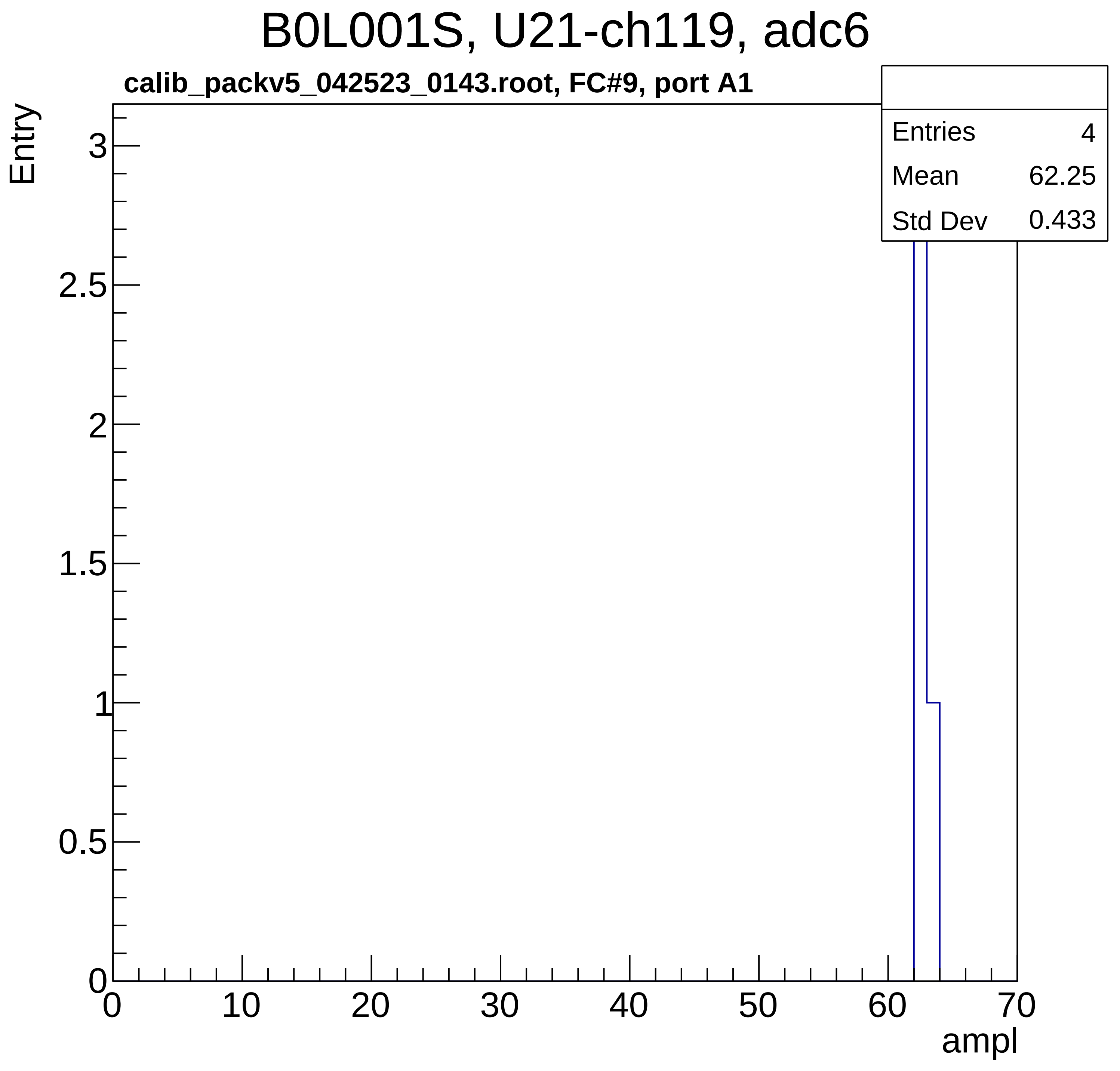

B0L001S, U21-ch119, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 36.6
Std Dev 3.489
Gaus mean : 36.6257
Gaus Width: 3.9540
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

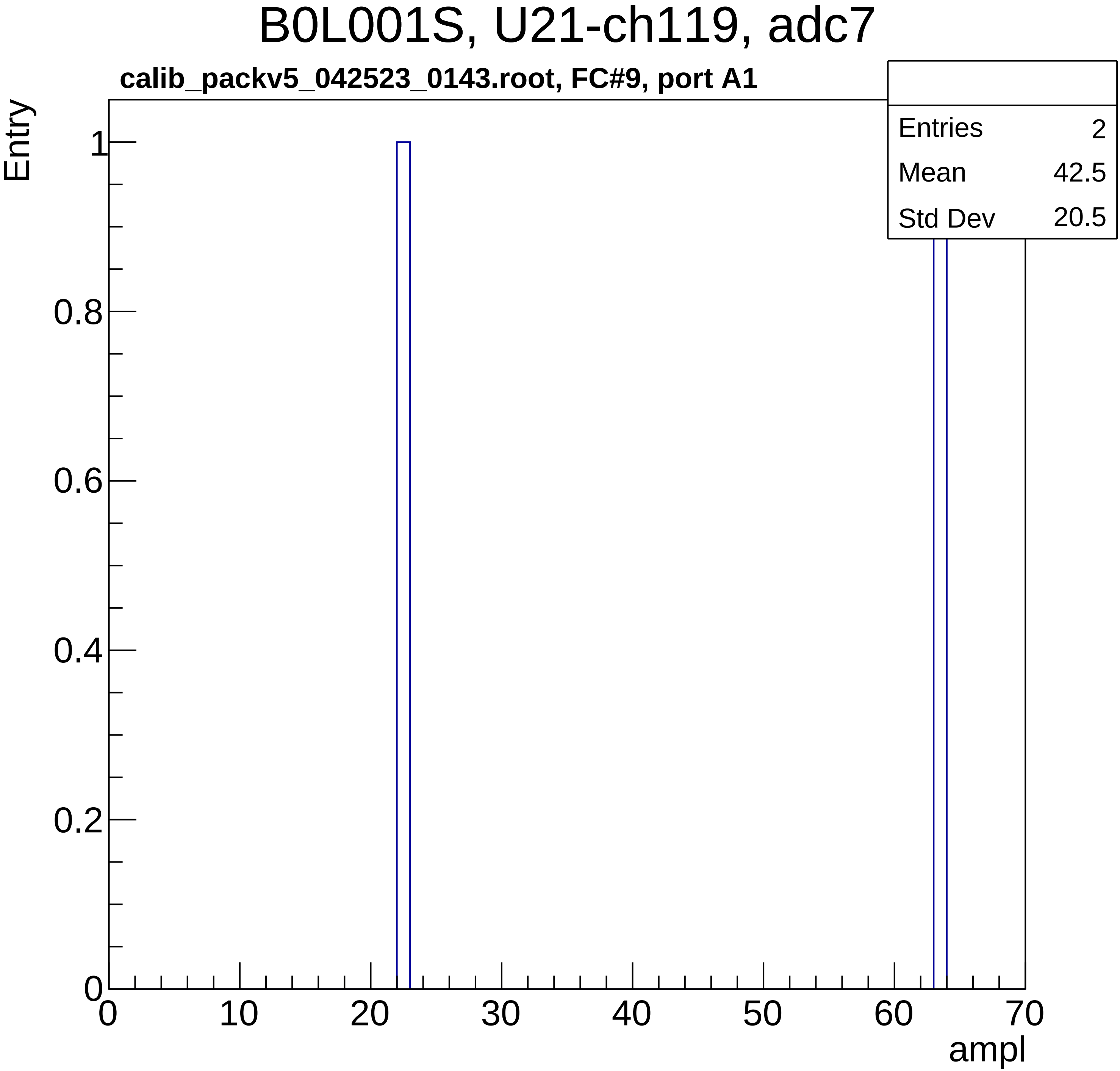

B0L001S, U21-ch119, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 85
Mean 43.64
Std Dev 4.184
Gaus mean : 44.6506
Gaus Width: 4.0268
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

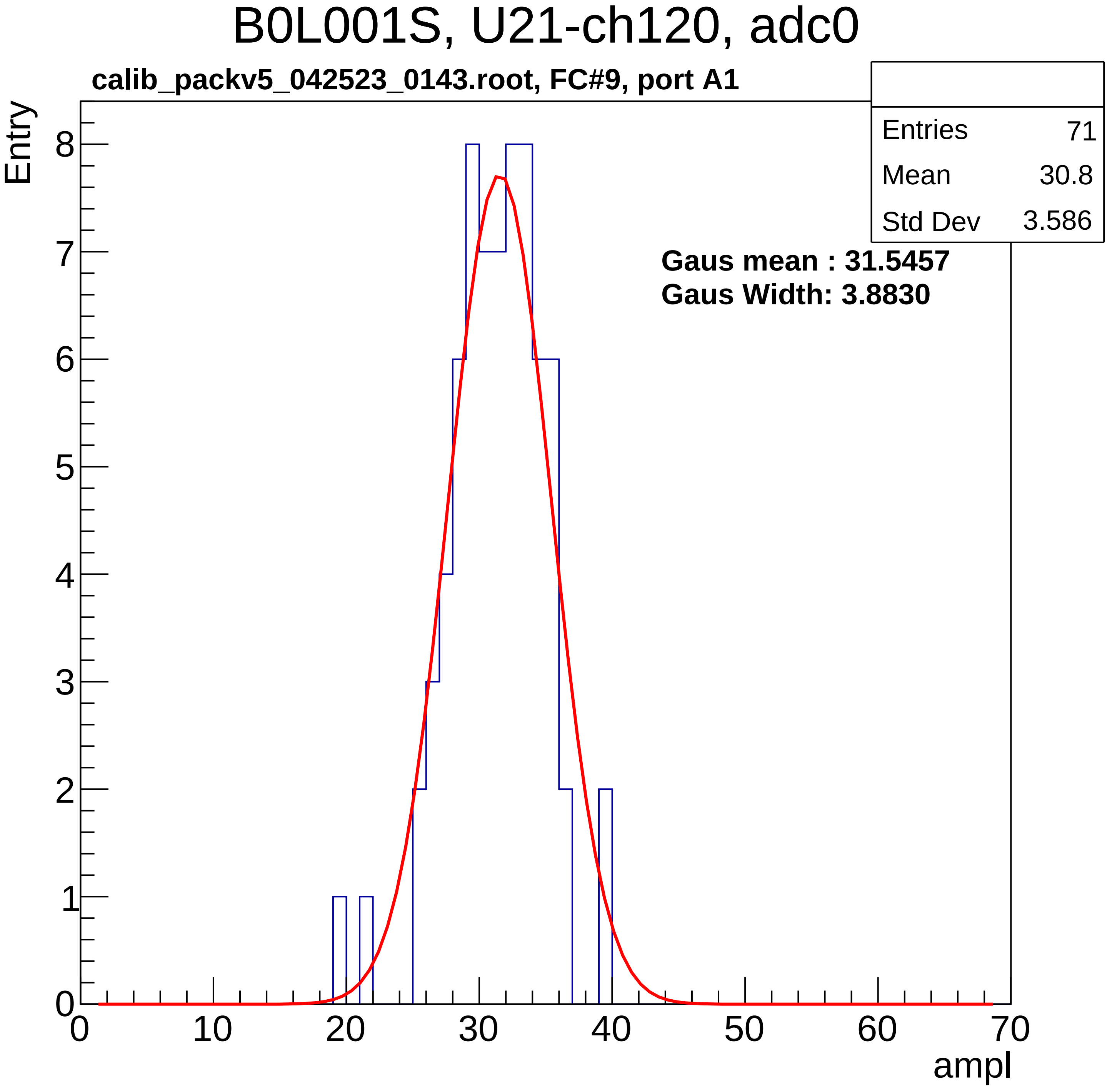

B0L001S, U21-ch119, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 49
Mean 49.76
Std Dev 3.341
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

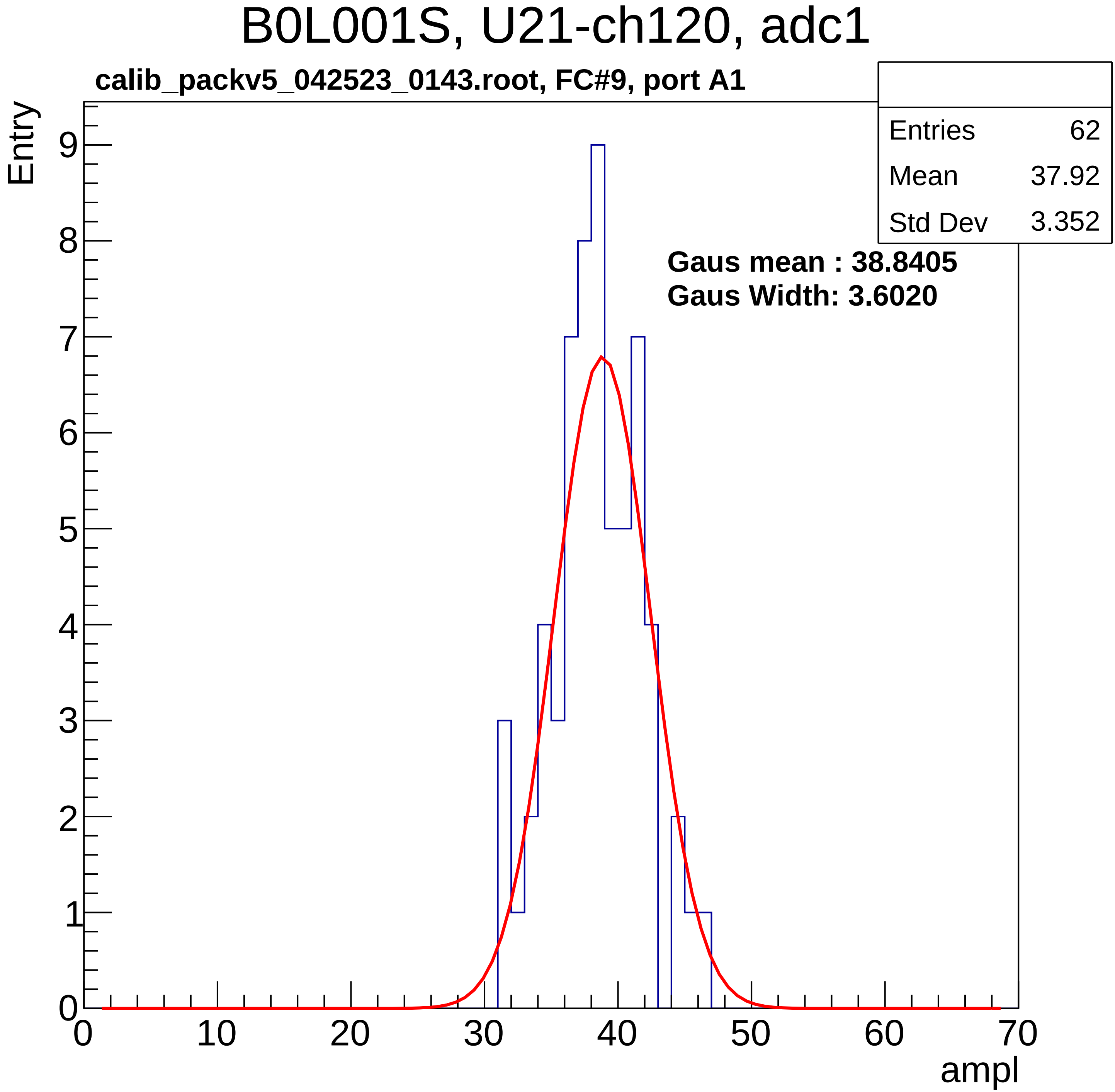

B0L001S, U21-ch119, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 56.03
Std Dev 3.266
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

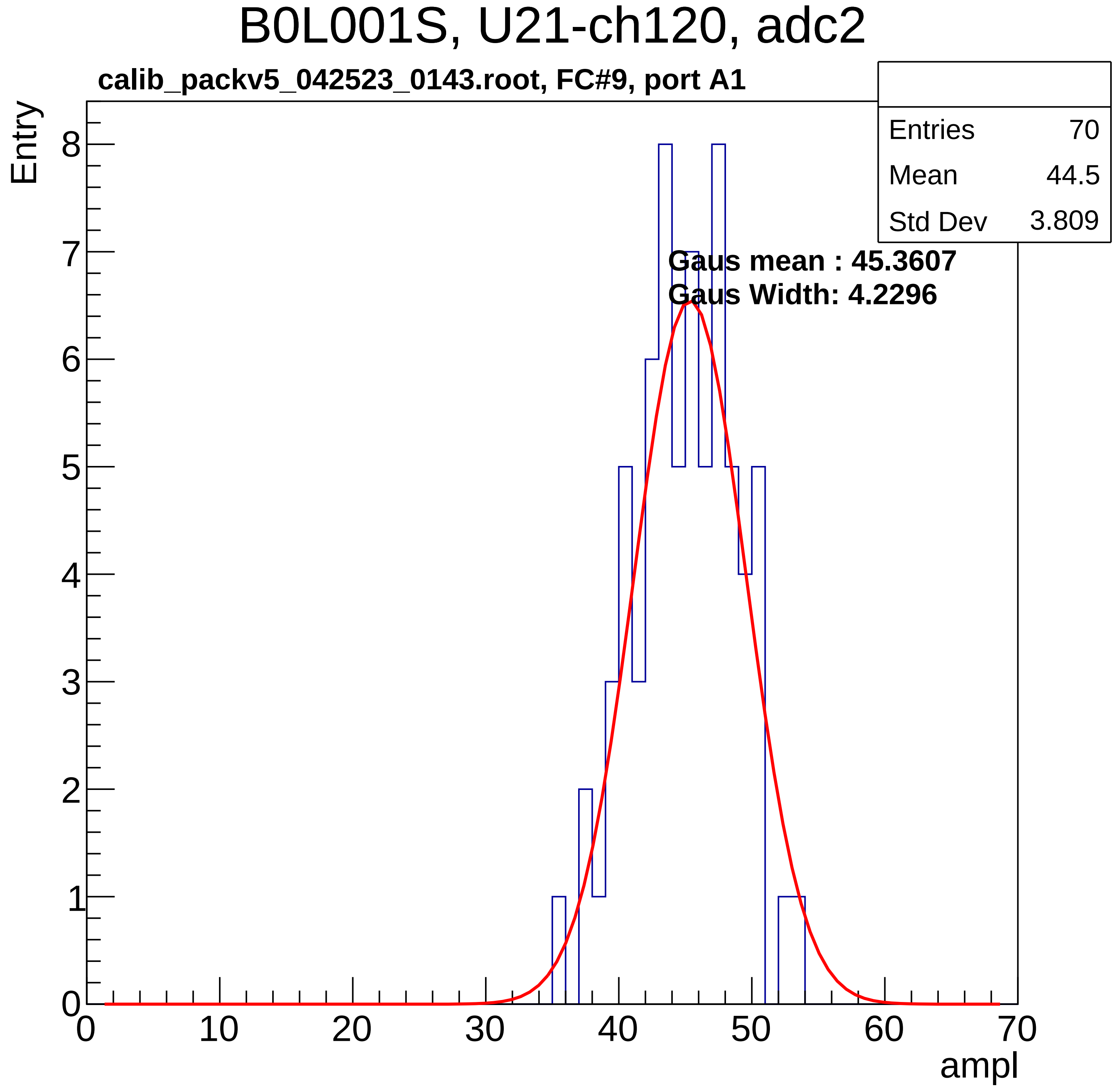

B0L001S, U21-ch119, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 35
Mean 58.83
Std Dev 10.27
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

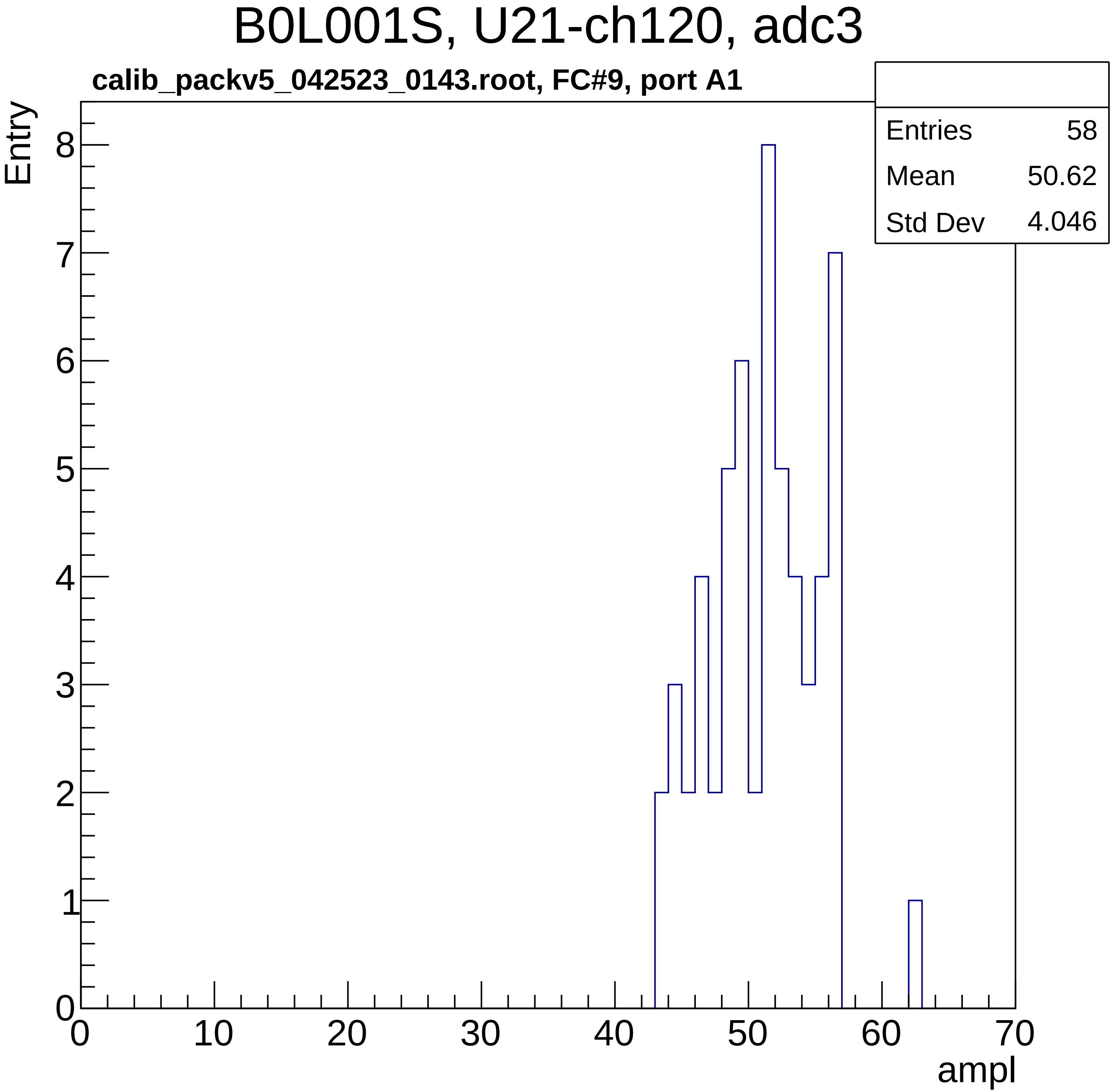

B0L001S, U21-ch119, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 4
Mean 62.25
Std Dev 0.433
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

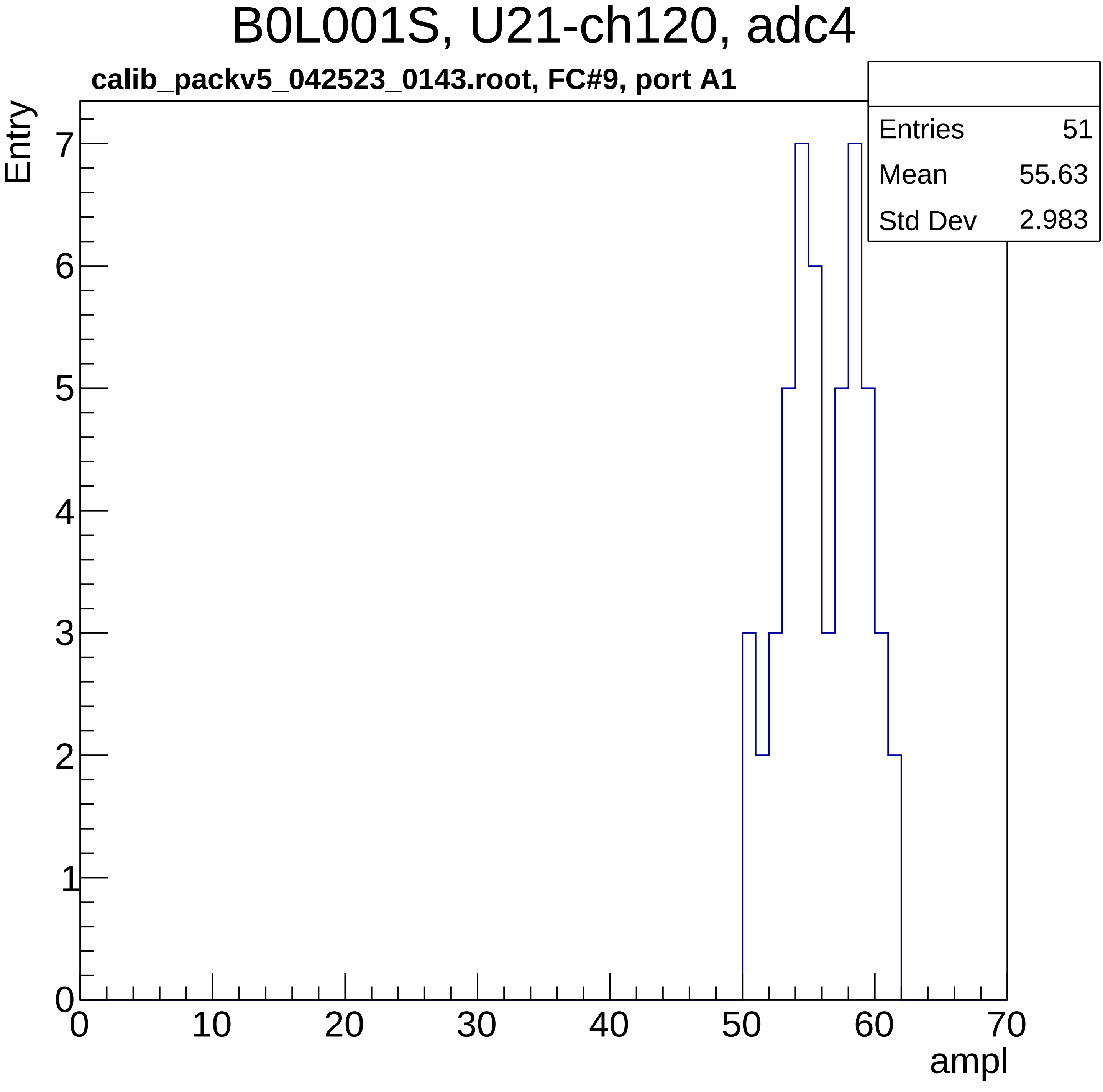

B0L001S, U21-ch119, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 42.5
Std Dev 20.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

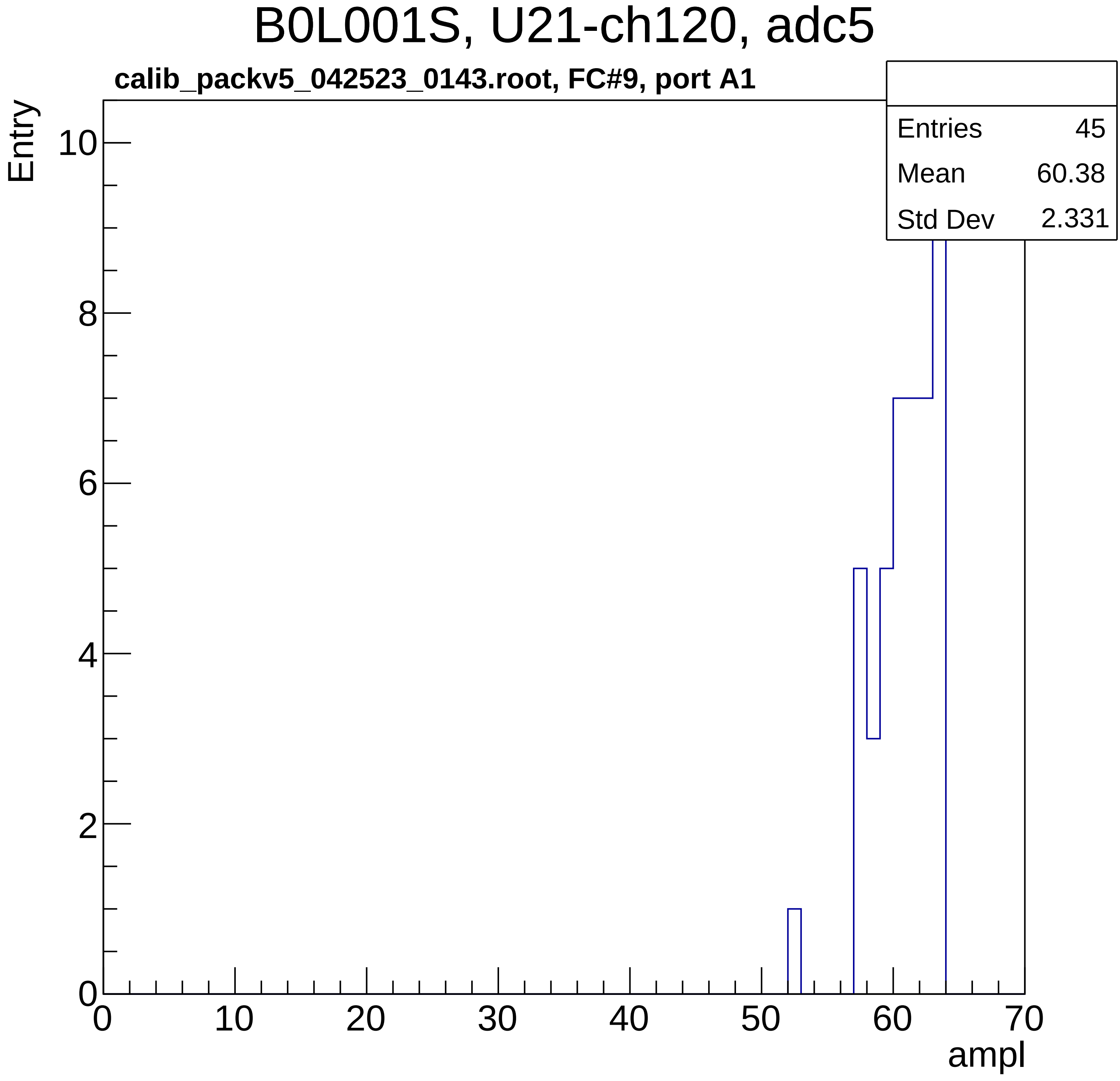

B0L001S, U21-ch120, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 71
Mean 30.8
Std Dev 3.586
Gaus mean : 31.5457
Gaus Width: 3.8830
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

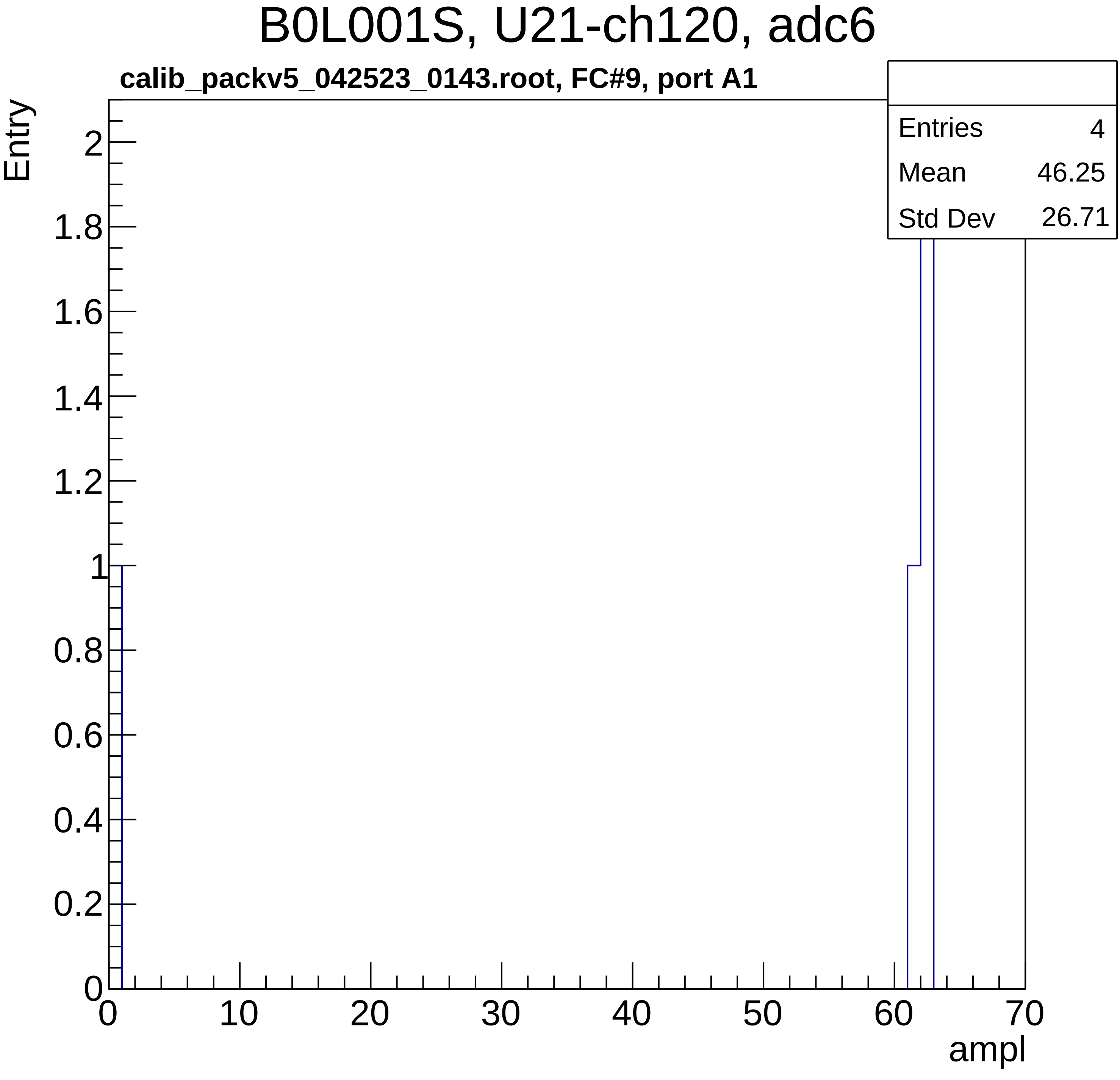

B0L001S, U21-ch120, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 37.92
Std Dev 3.352
Gaus mean : 38.8405
Gaus Width: 3.6020
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch120, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 44.5
Std Dev 3.809
Gaus mean : 45.3607
Gaus Width: 4.2296
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch120, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 50.62
Std Dev 4.046
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

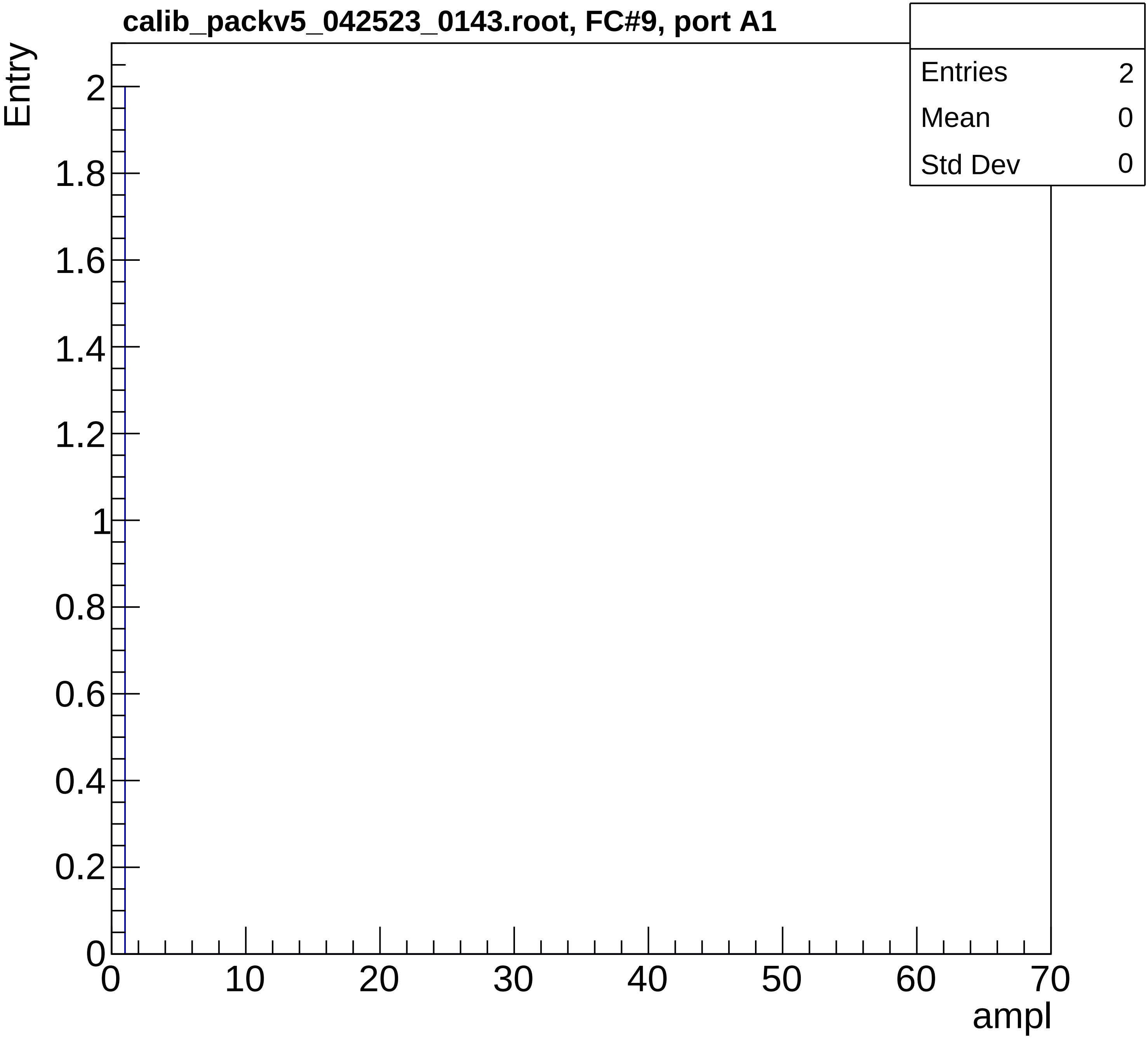

B0L001S, U21-ch120, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 55.63
Std Dev 2.983
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch120, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 45
Mean 60.38
Std Dev 2.331
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

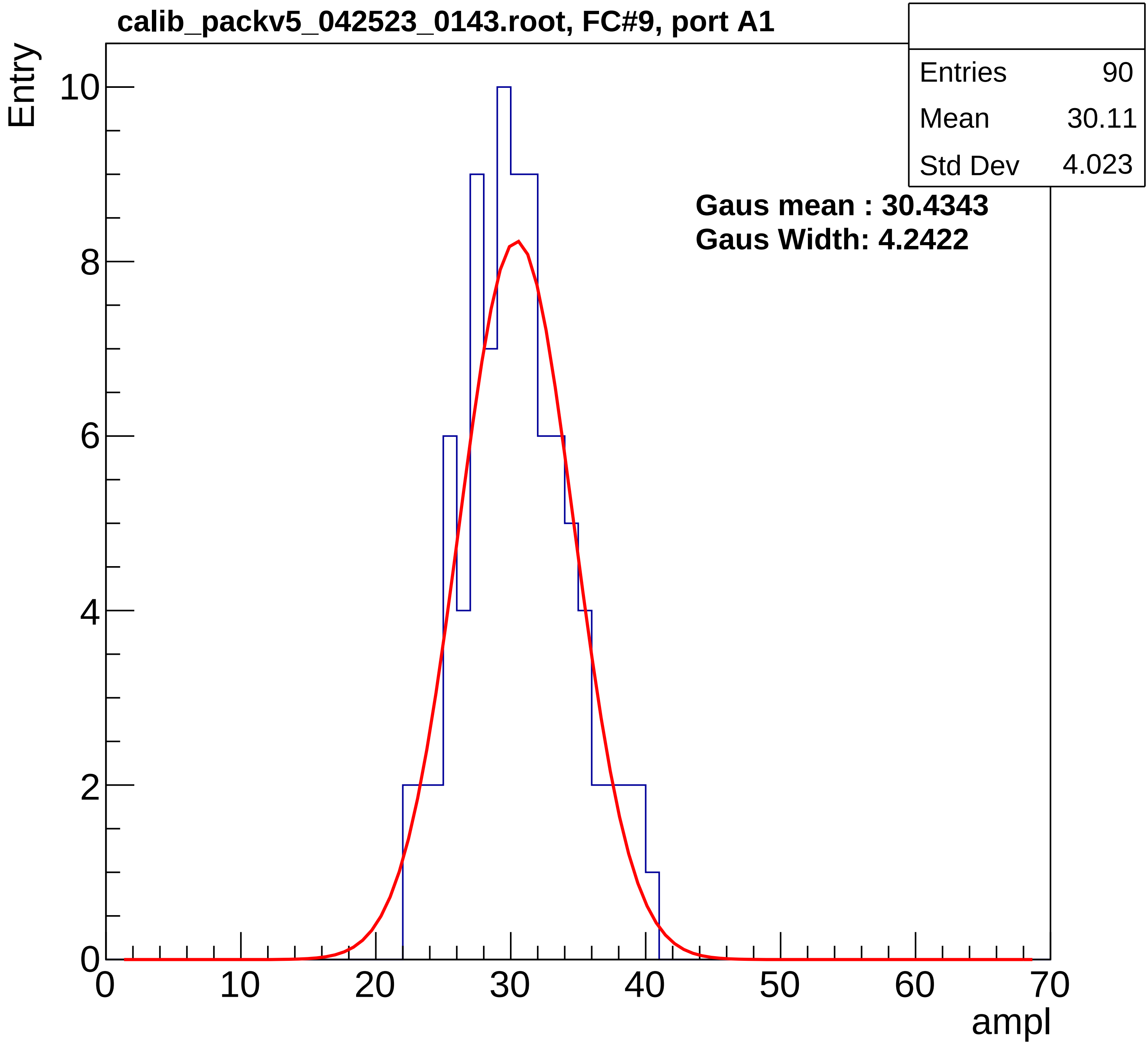

B0L001S, U21-ch120, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 4
Mean 46.25
Std Dev 26.71
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

B0L001S, U21-ch120, adc7

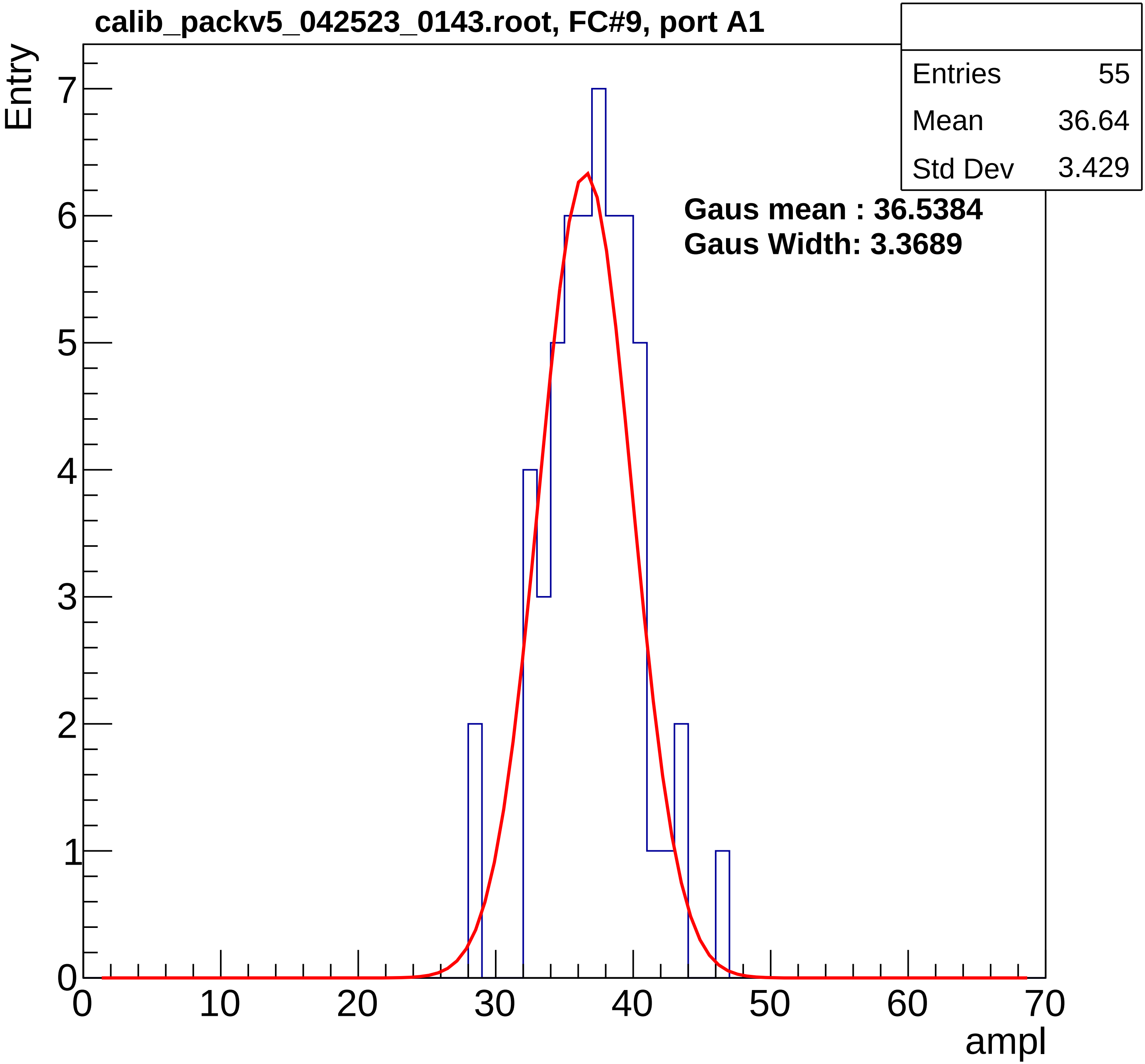
calib_packv5_042523_0143.root, FC#9, port A1

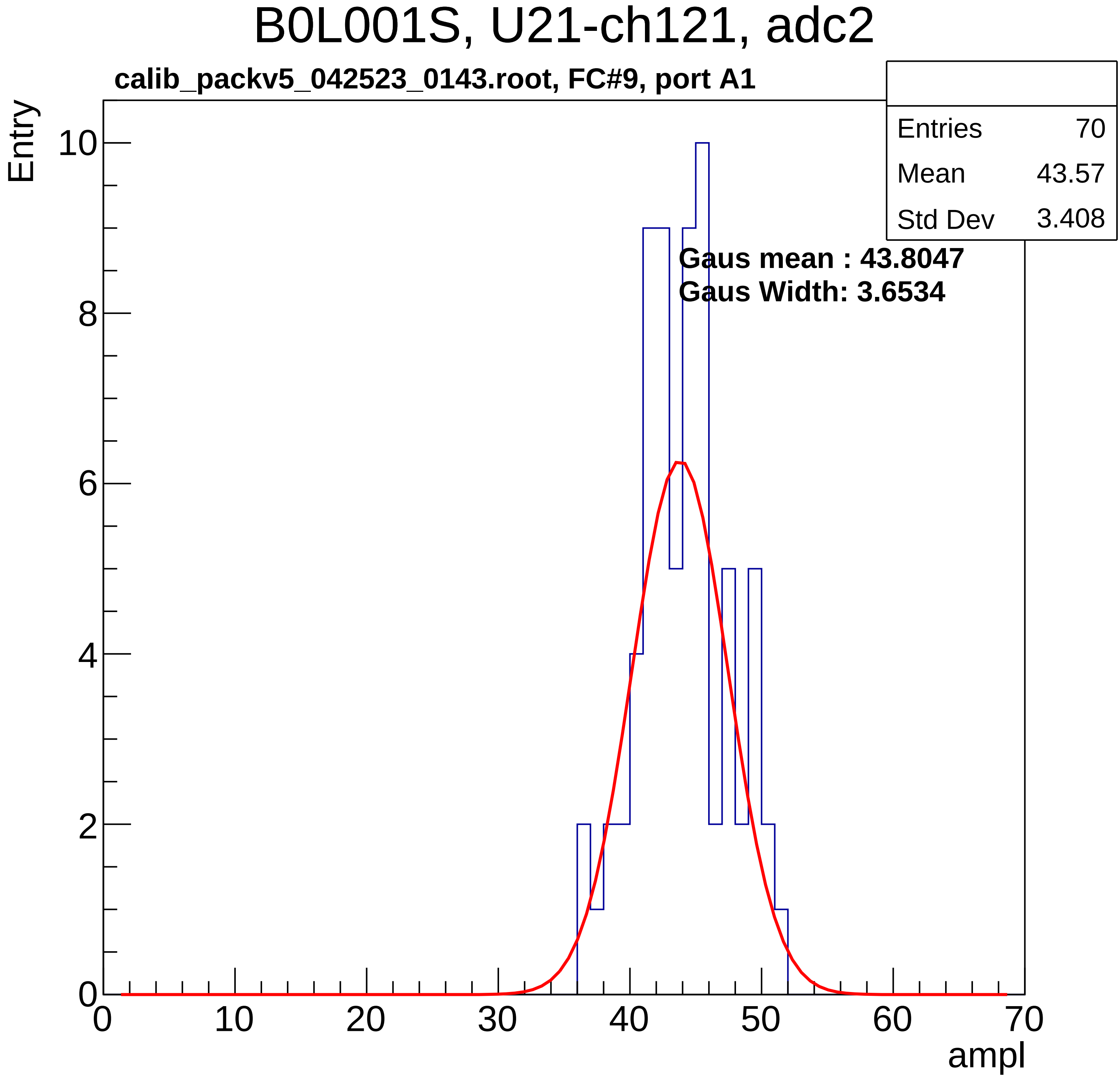


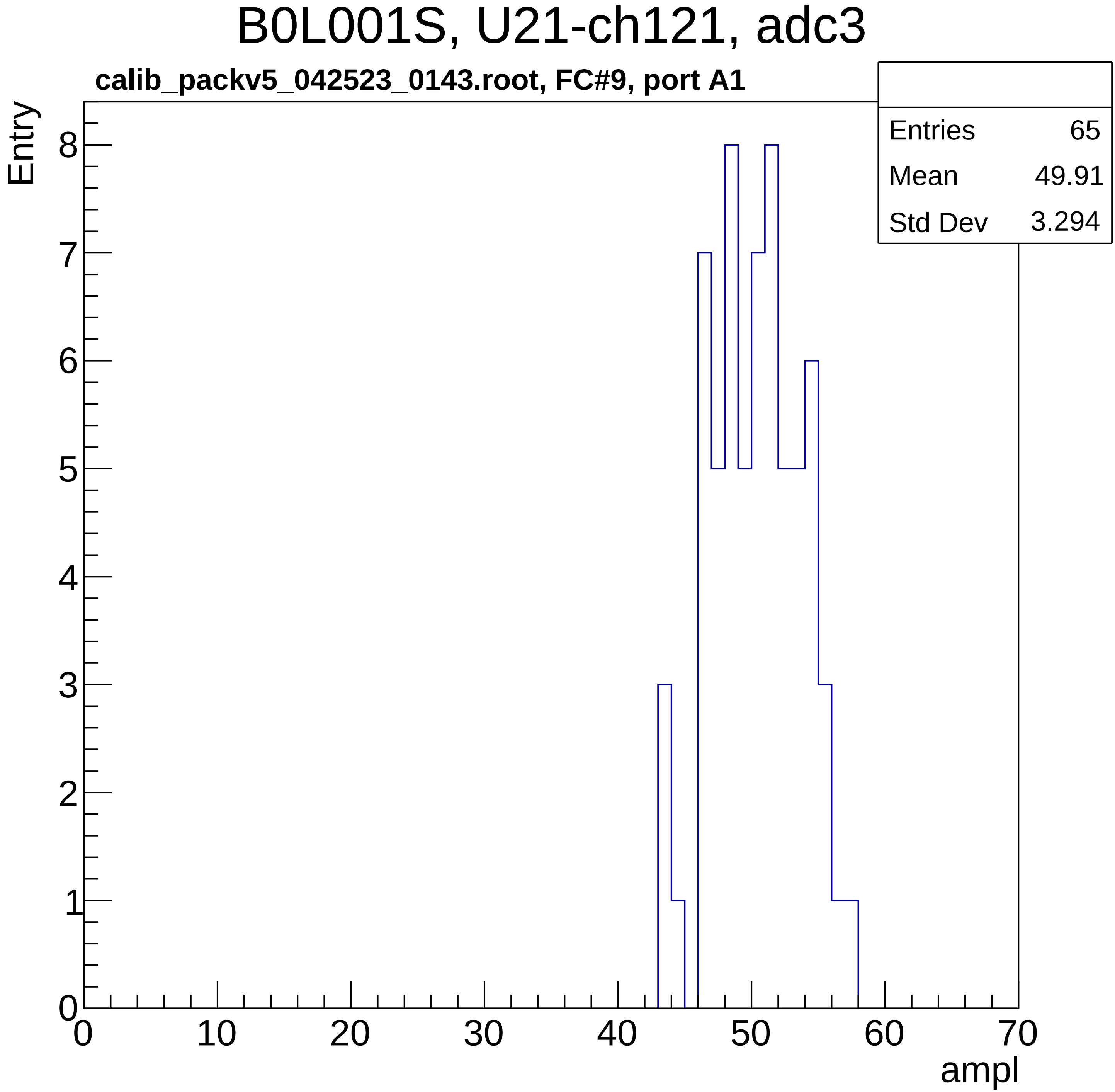
B0L001S, U21-ch121, adc0

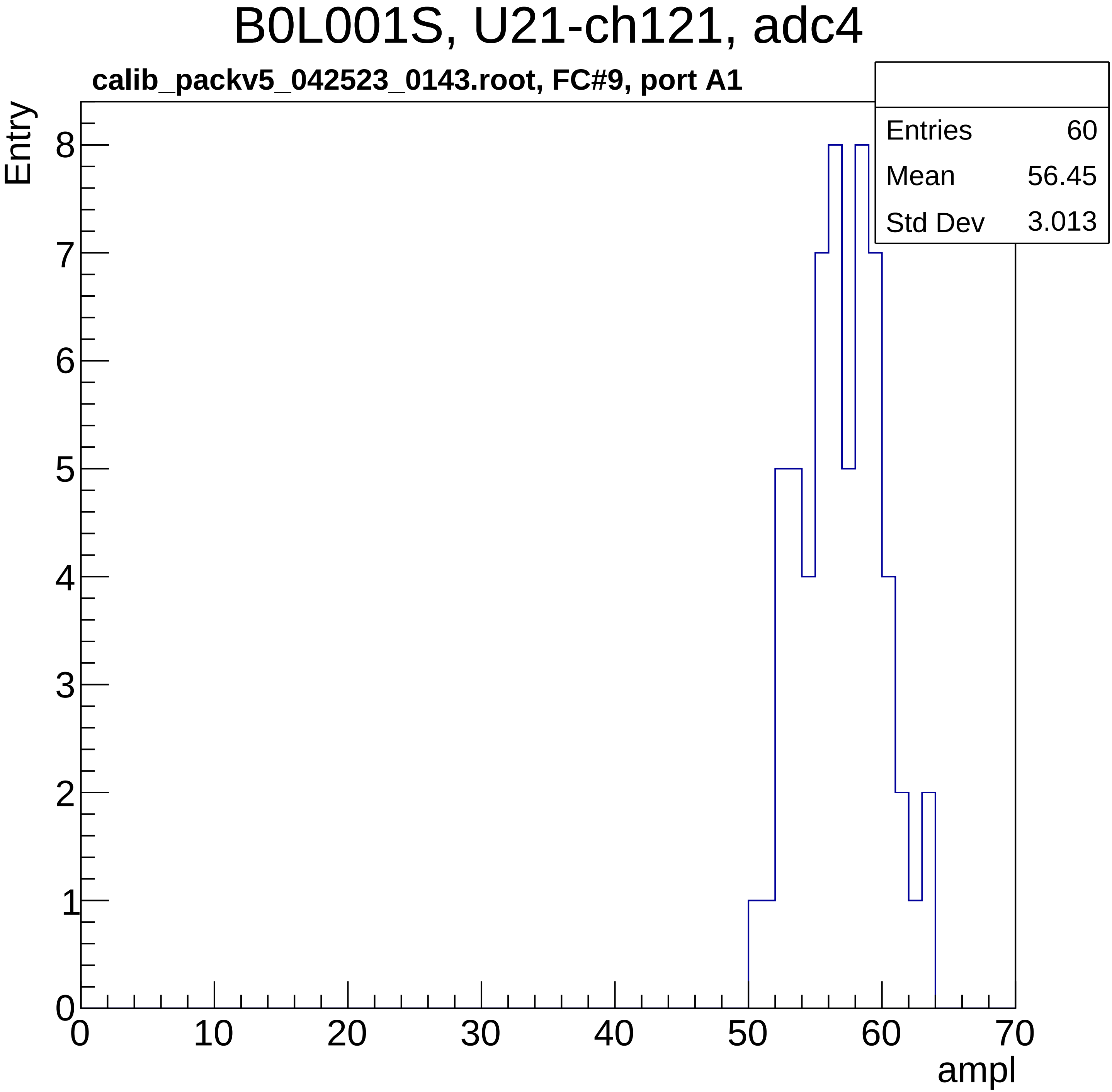


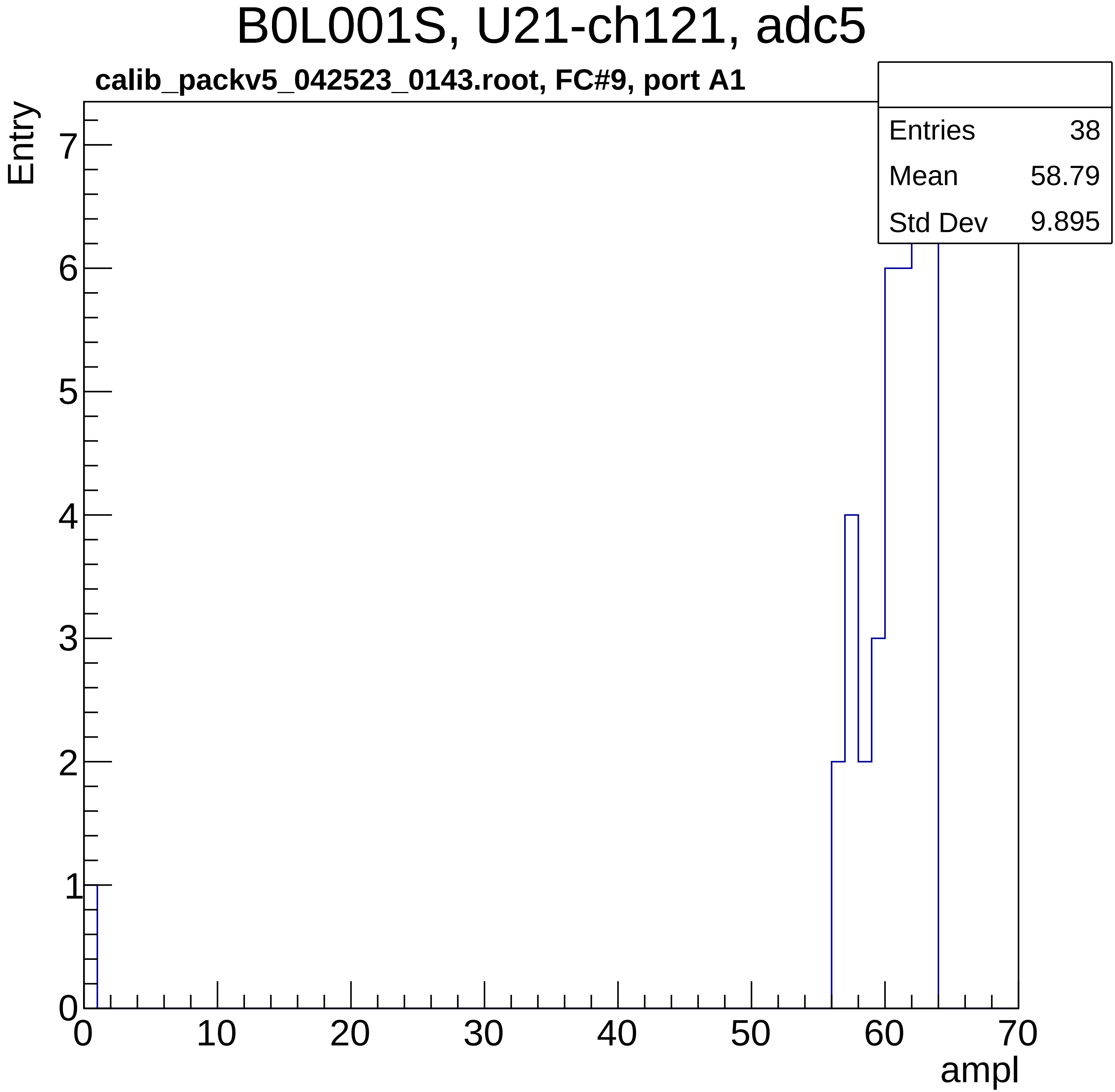
B0L001S, U21-ch121, adc1

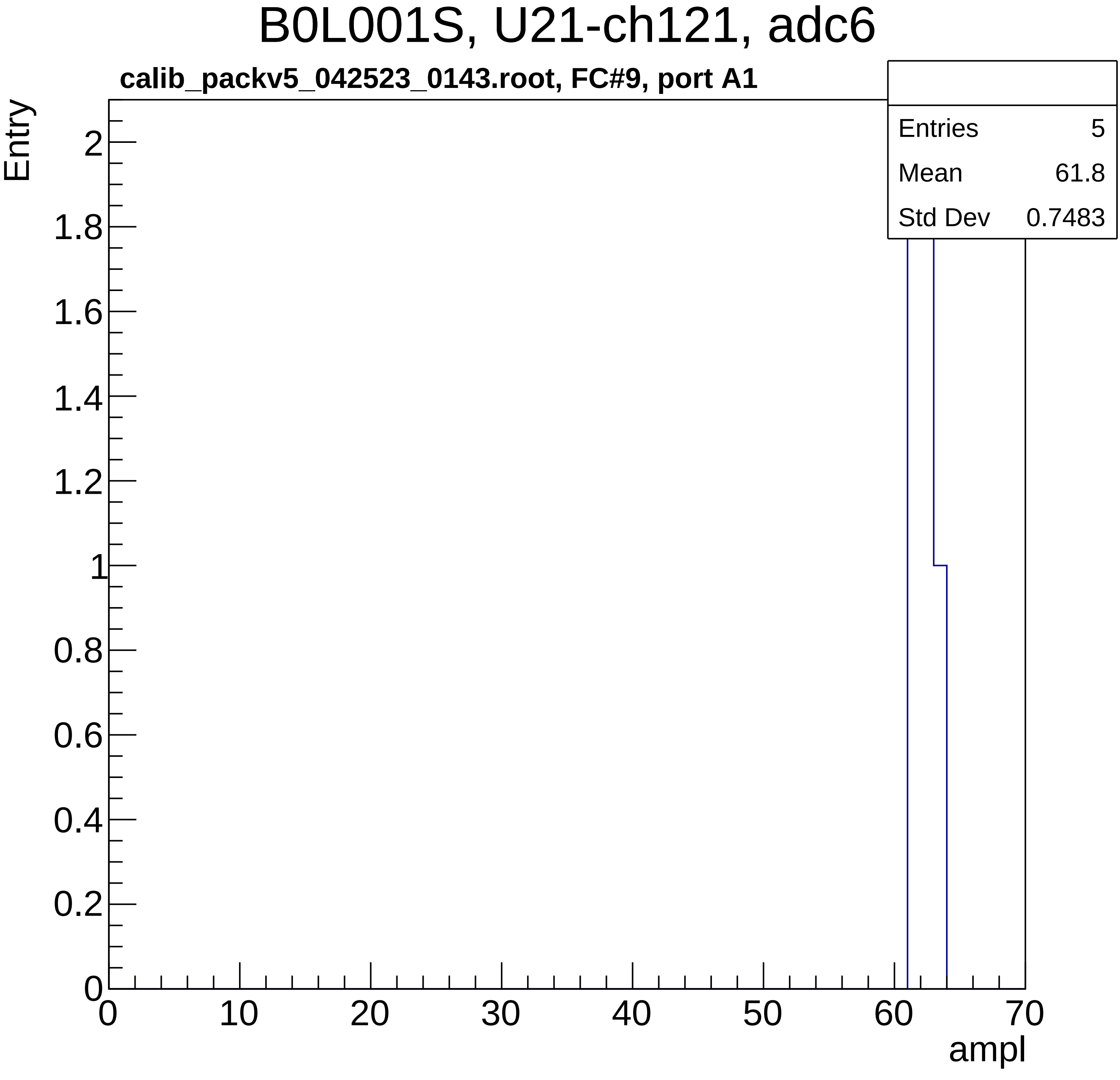



B0L001S, U21-ch121, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 70
Mean 43.57
Std Dev 3.408
Gaus mean : 43.8047
Gaus Width: 3.6534
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

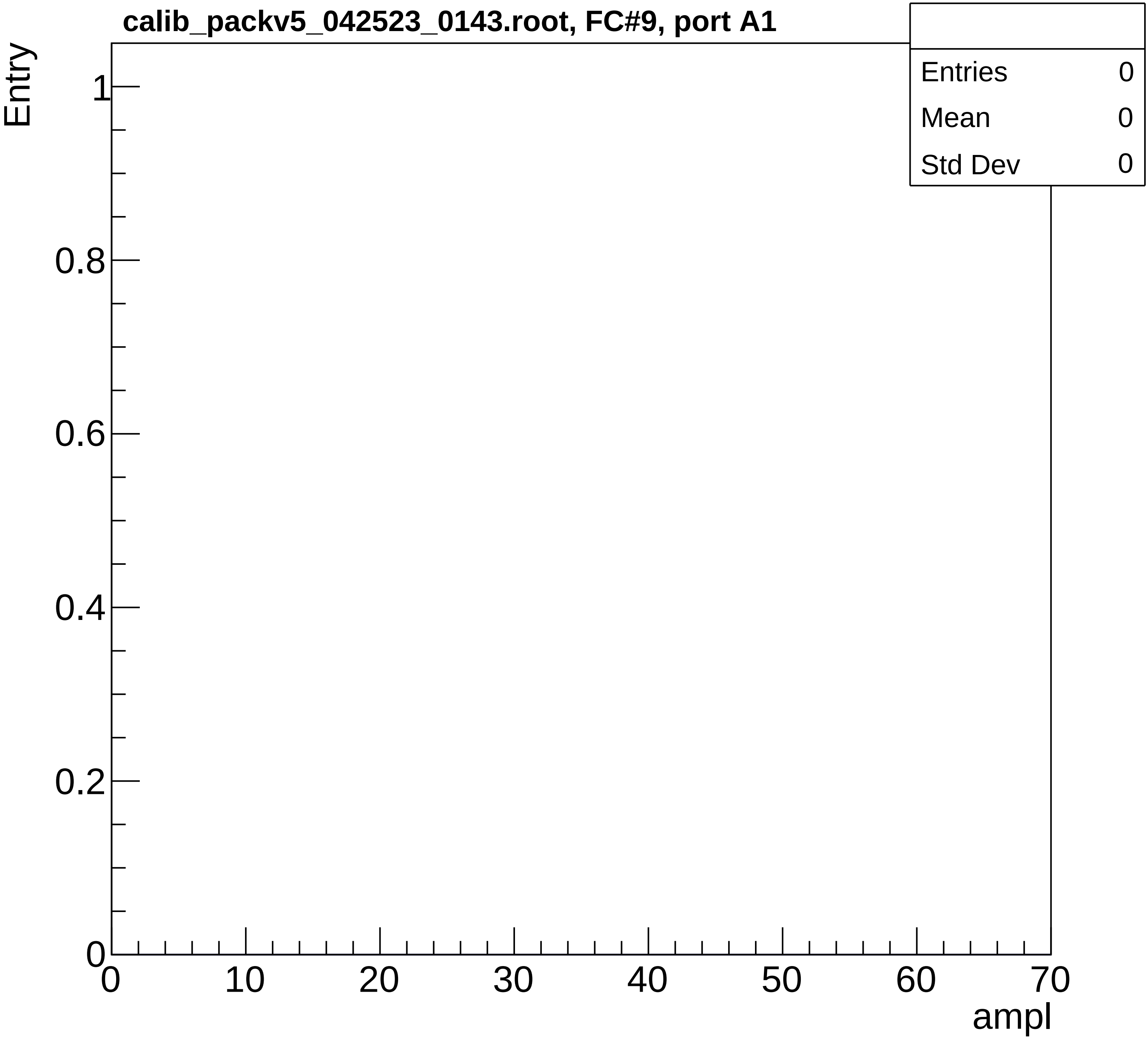

B0L001S, U21-ch121, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 49.91
Std Dev 3.294
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

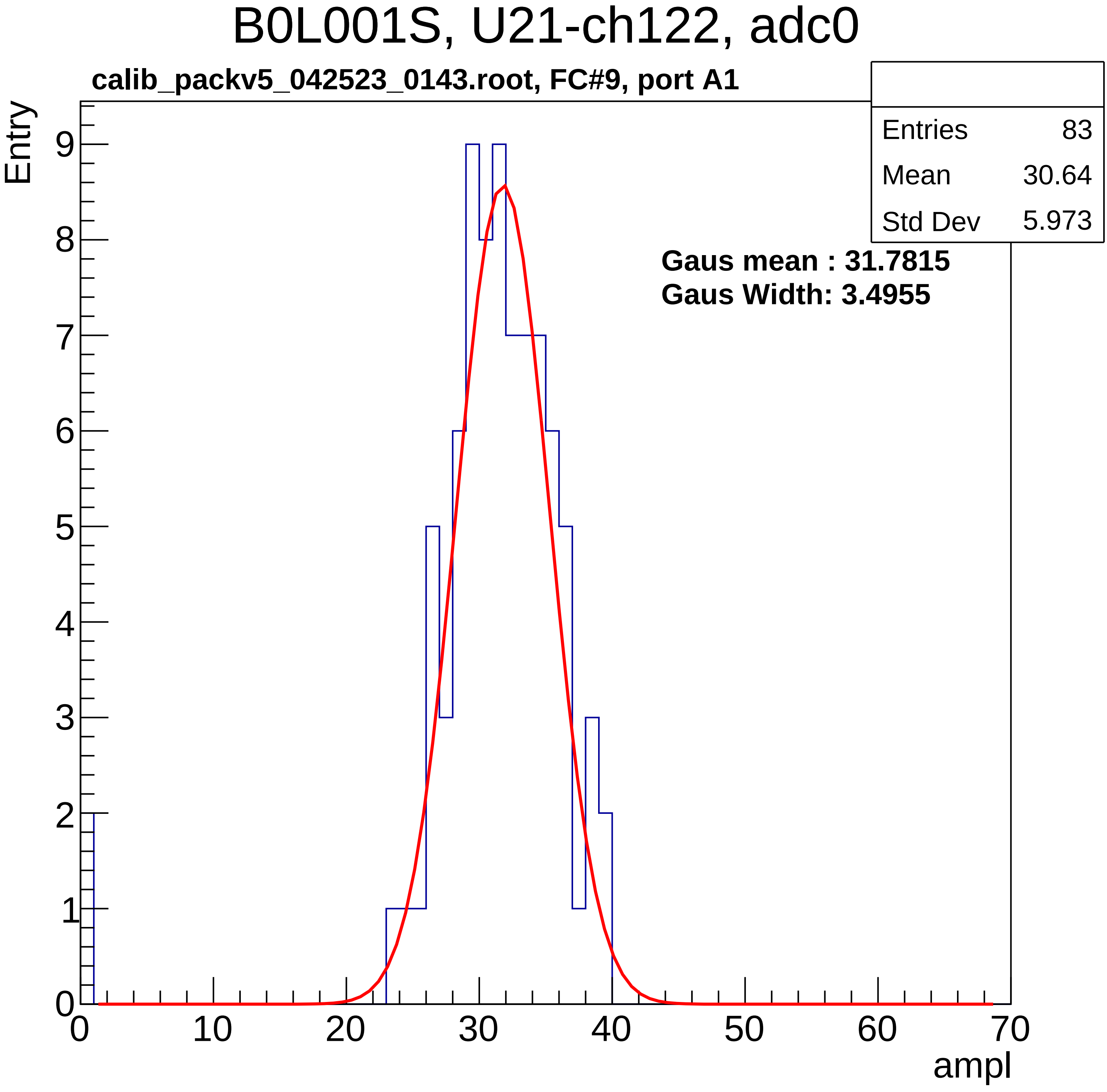

B0L001S, U21-ch121, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 56.45
Std Dev 3.013
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U21-ch121, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.79
Std Dev 9.895
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

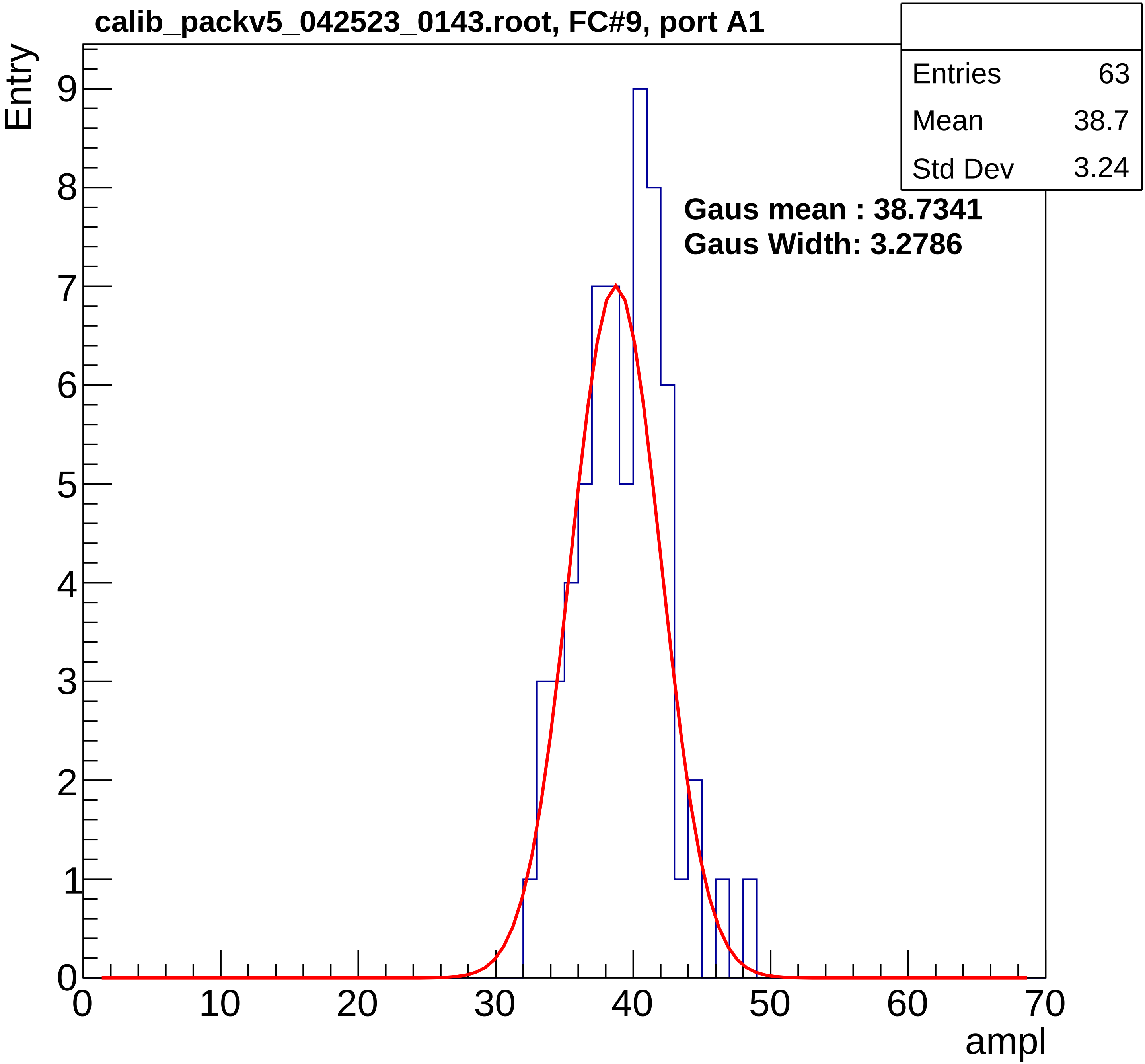

B0L001S, U21-ch121, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 61.8
Std Dev 0.7483
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

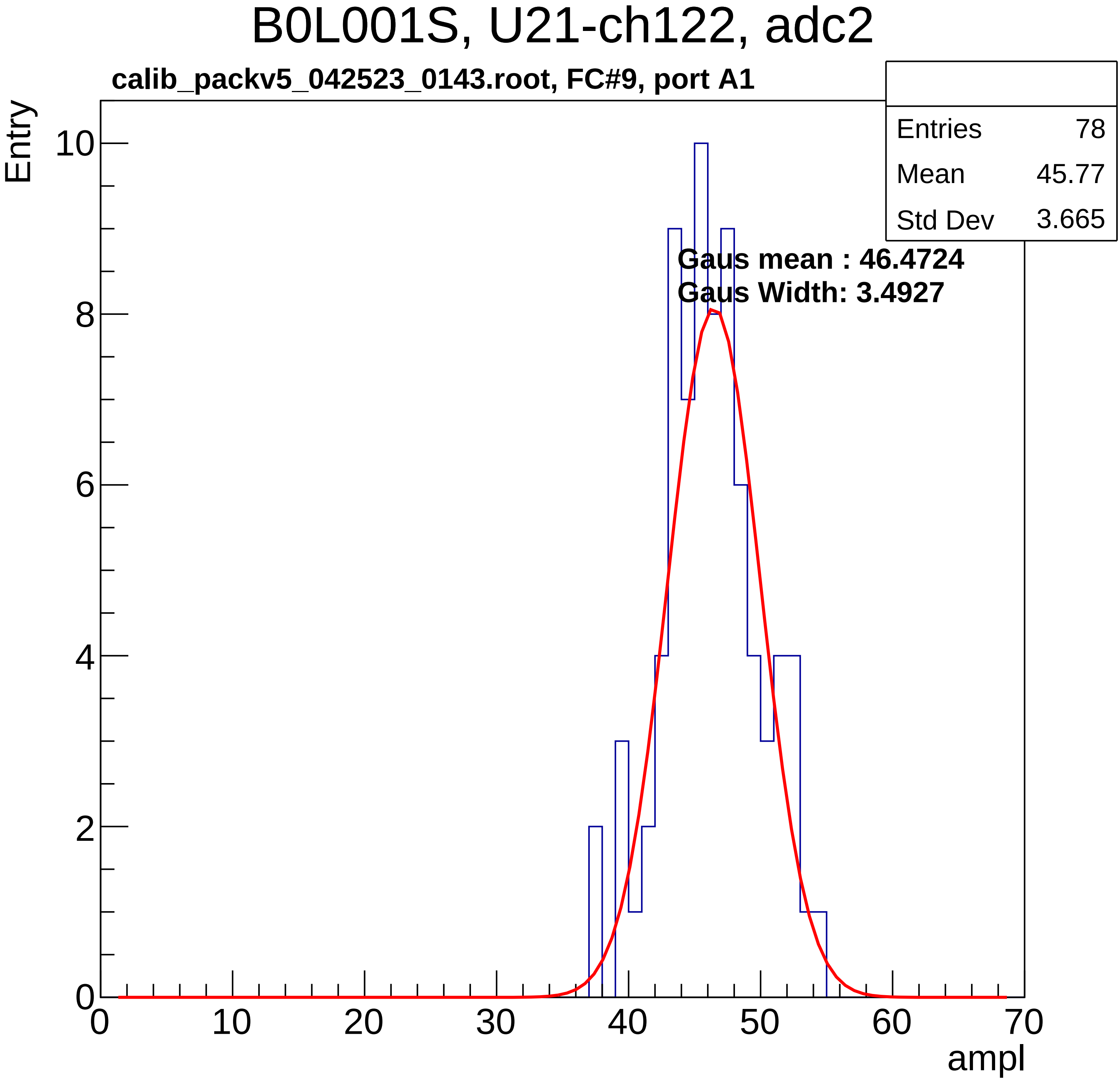
B0L001S, U21-ch121, adc7

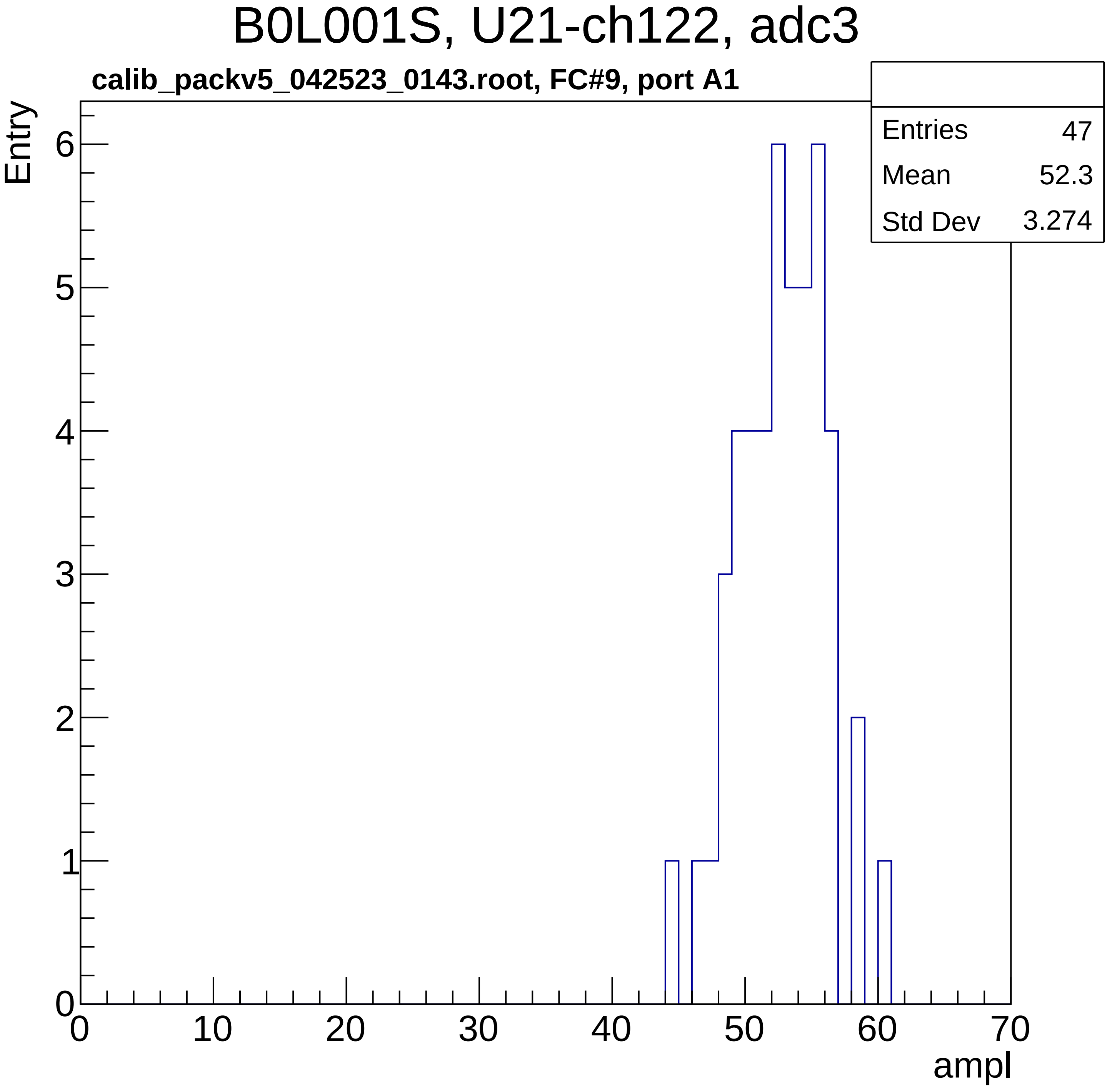



B0L001S, U21-ch122, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 30.64
Std Dev 5.973
Gaus mean : 31.7815
Gaus Width: 3.4955
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

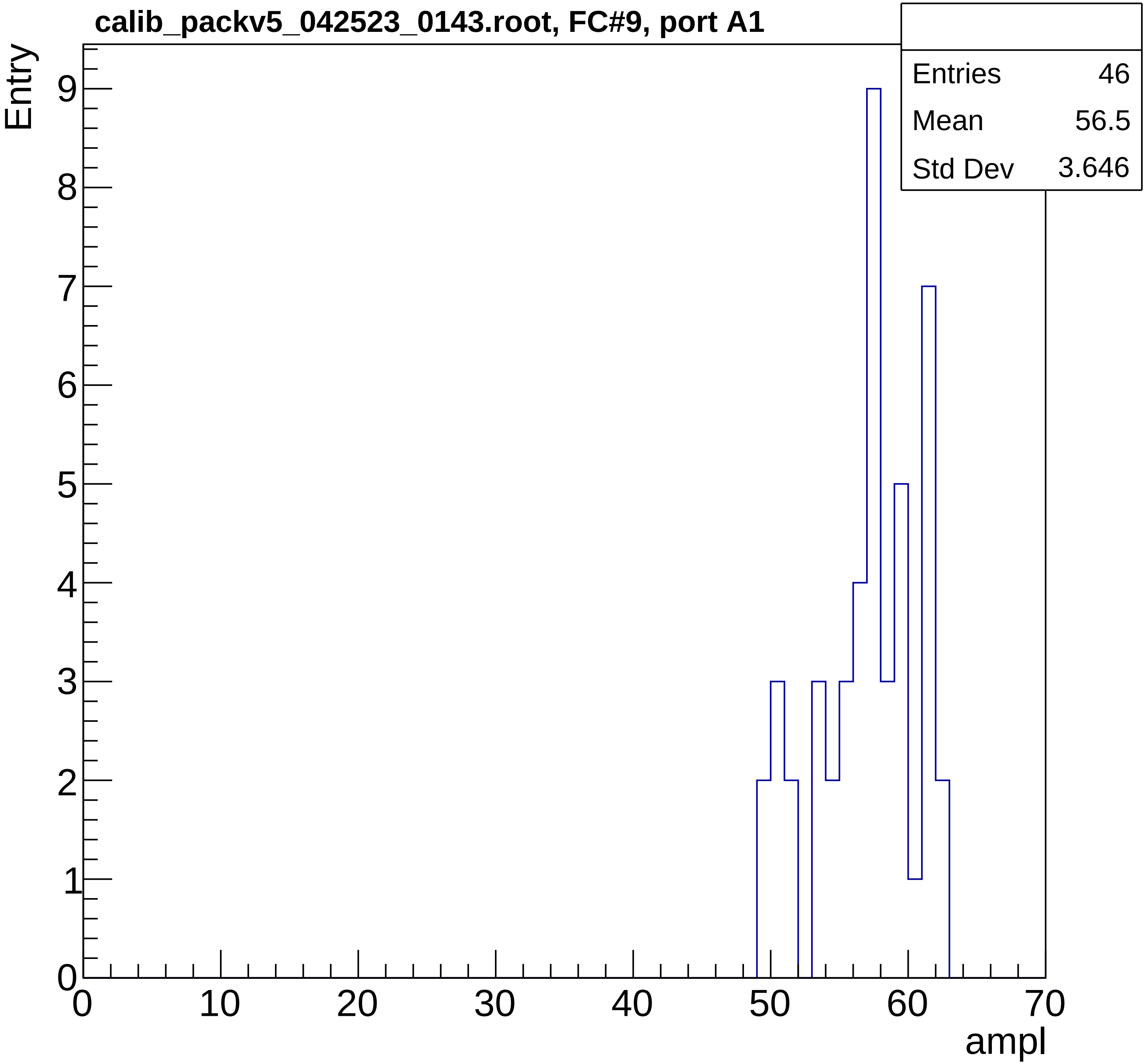
B0L001S, U21-ch122, adc1

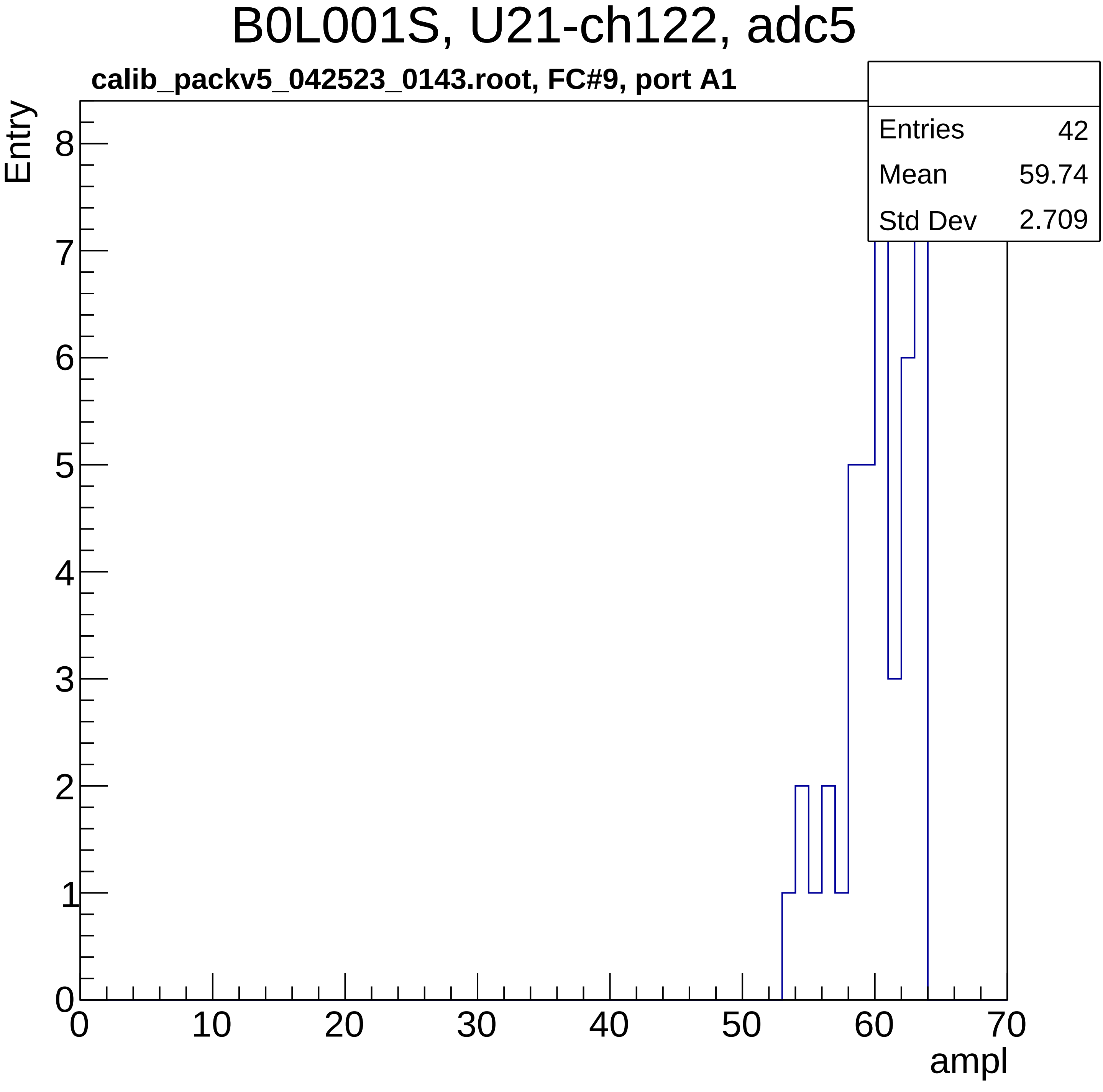



B0L001S, U21-ch122, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 45.77
Std Dev 3.665
Gaus mean : 46.4724
Gaus Width: 3.4927
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

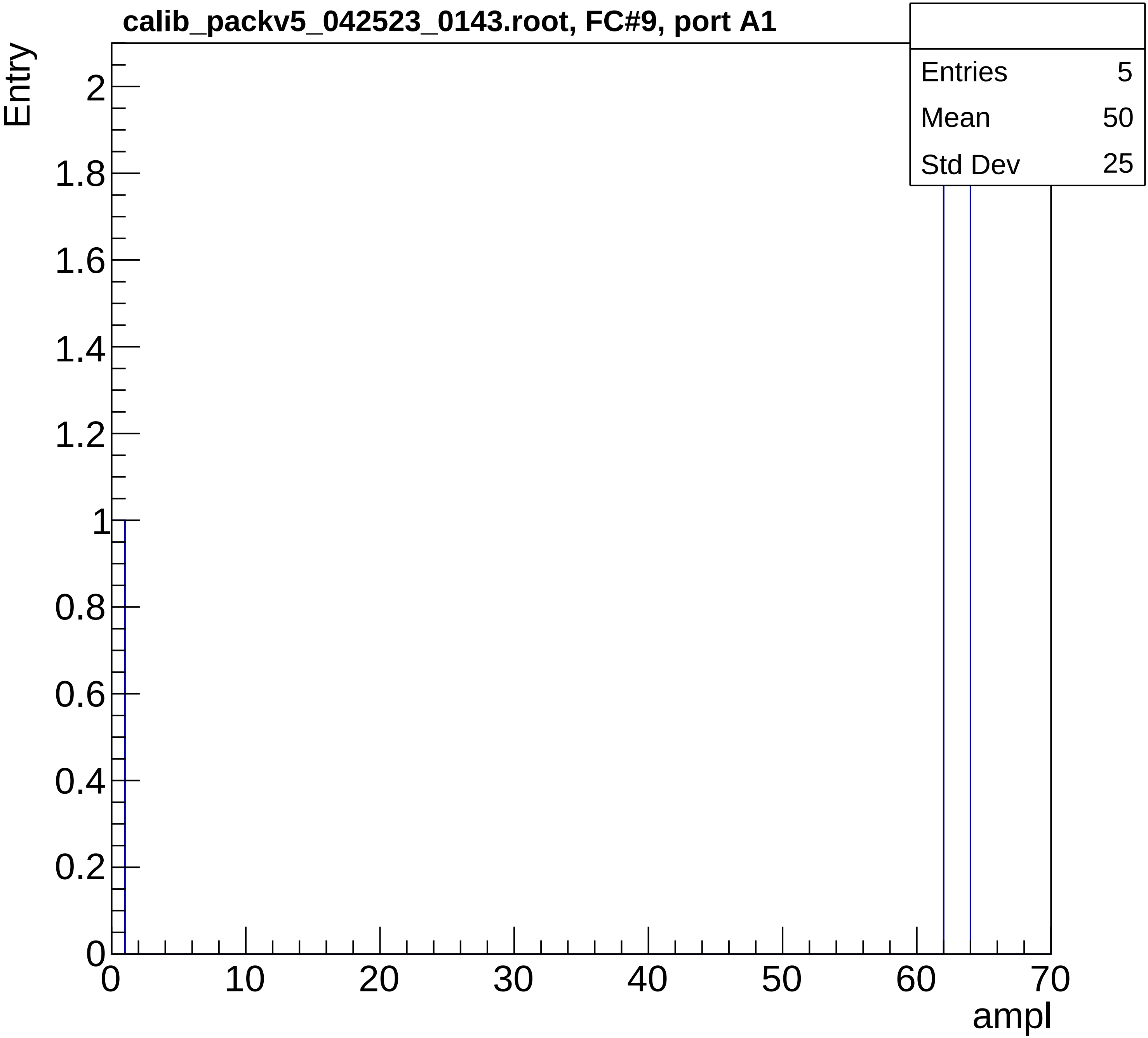

B0L001S, U21-ch122, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 52.3
Std Dev 3.274
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

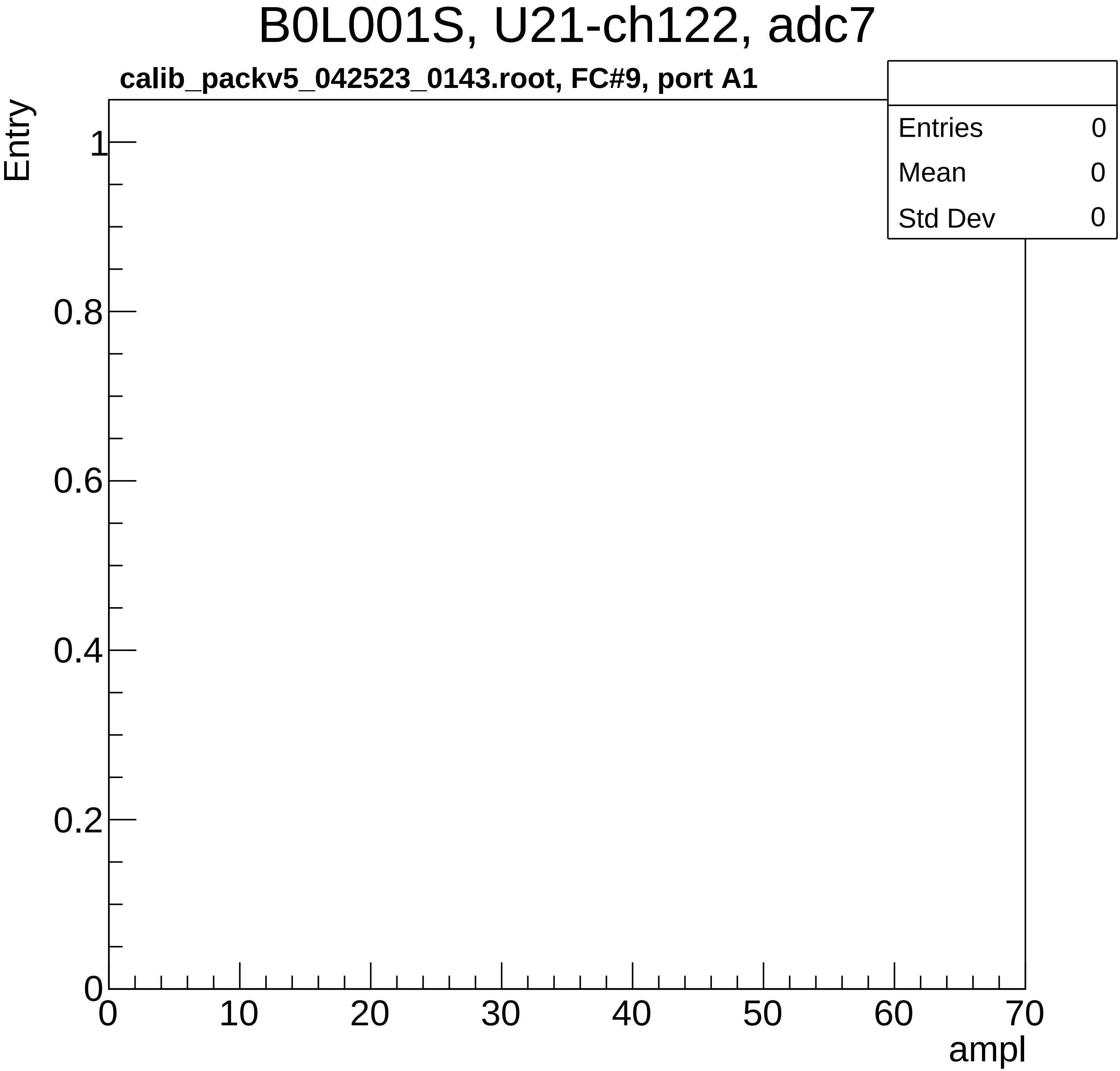
B0L001S, U21-ch122, adc4

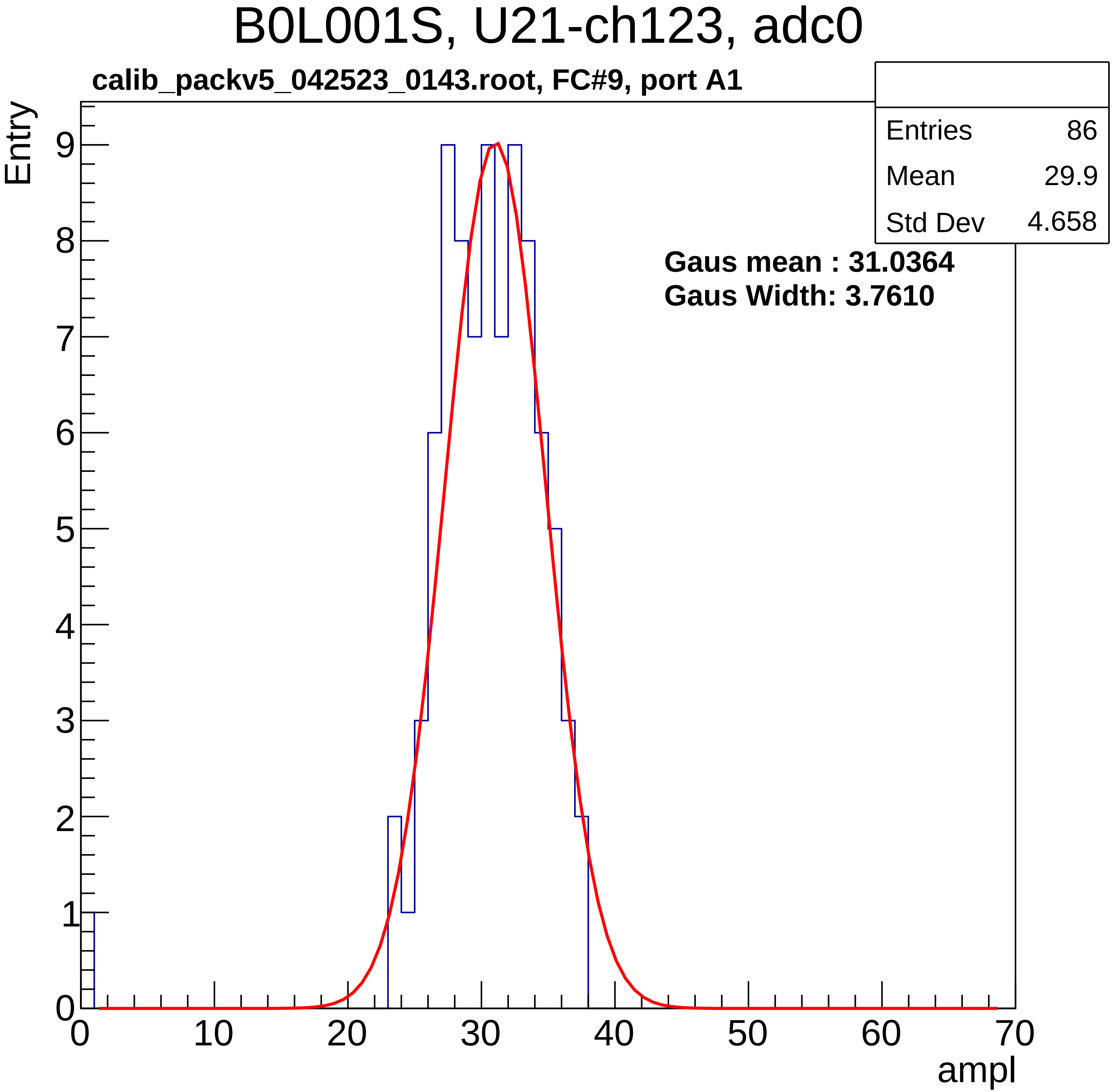


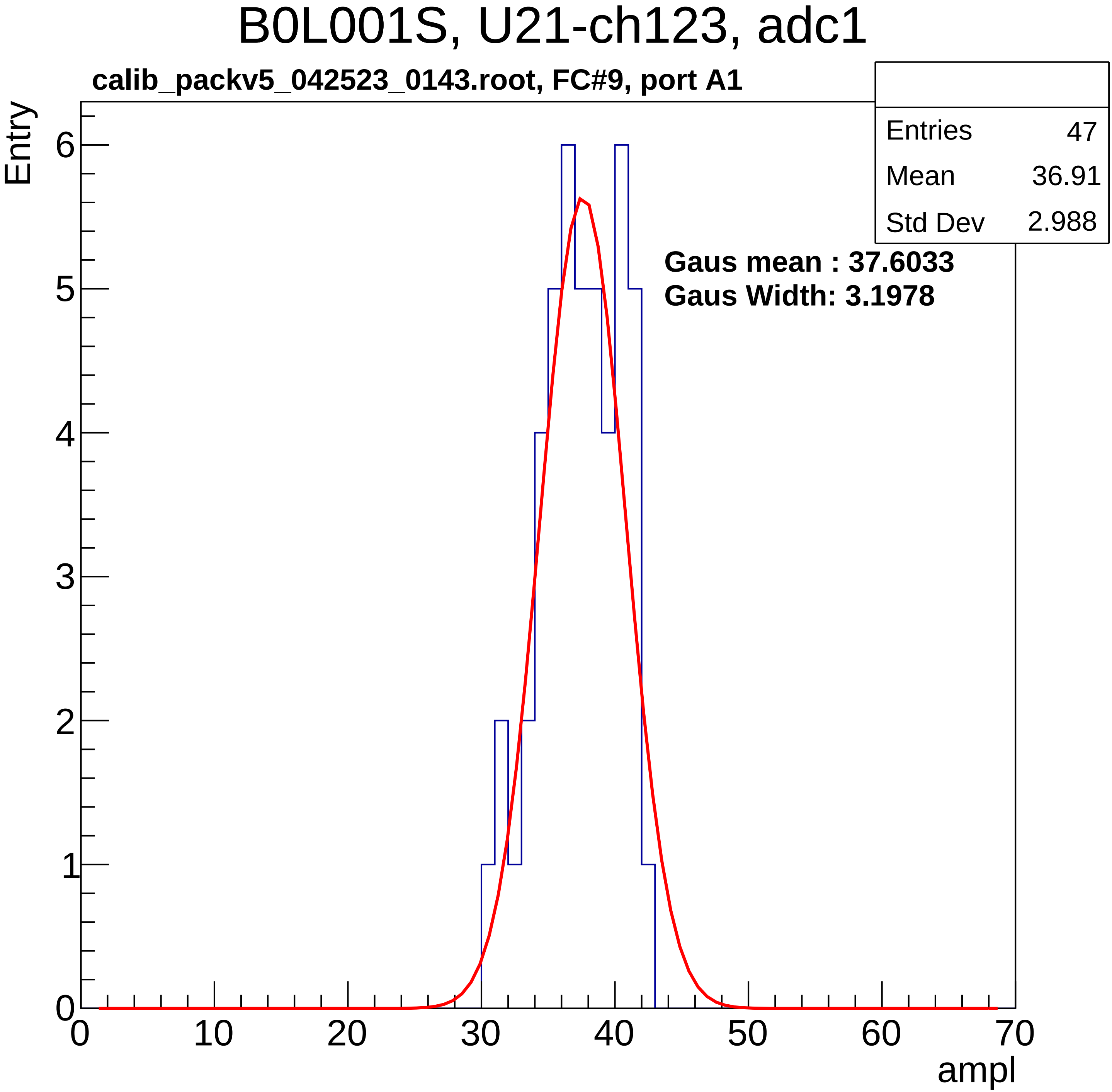

B0L001S, U21-ch122, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 59.74
Std Dev 2.709
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch122, adc6

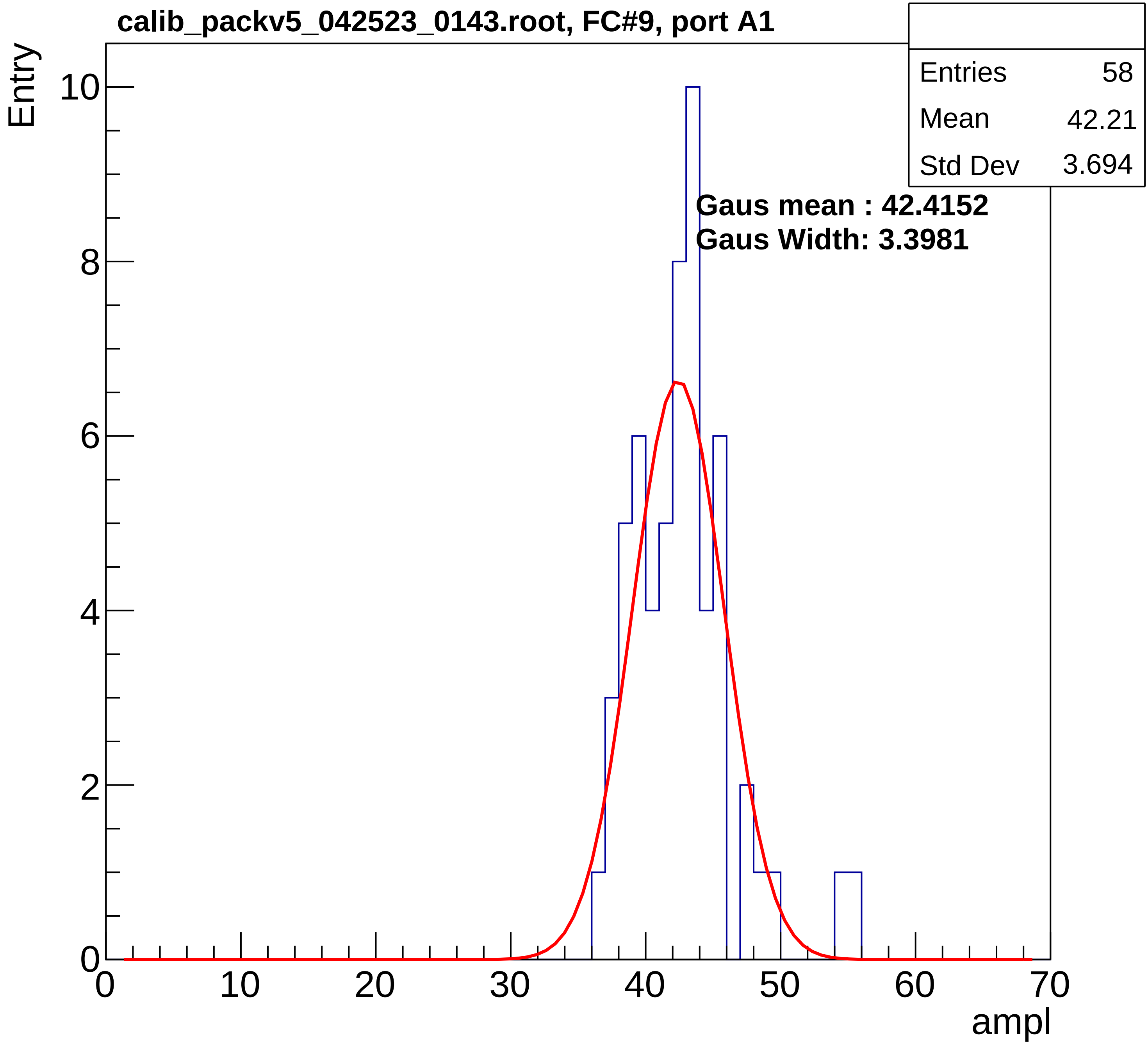


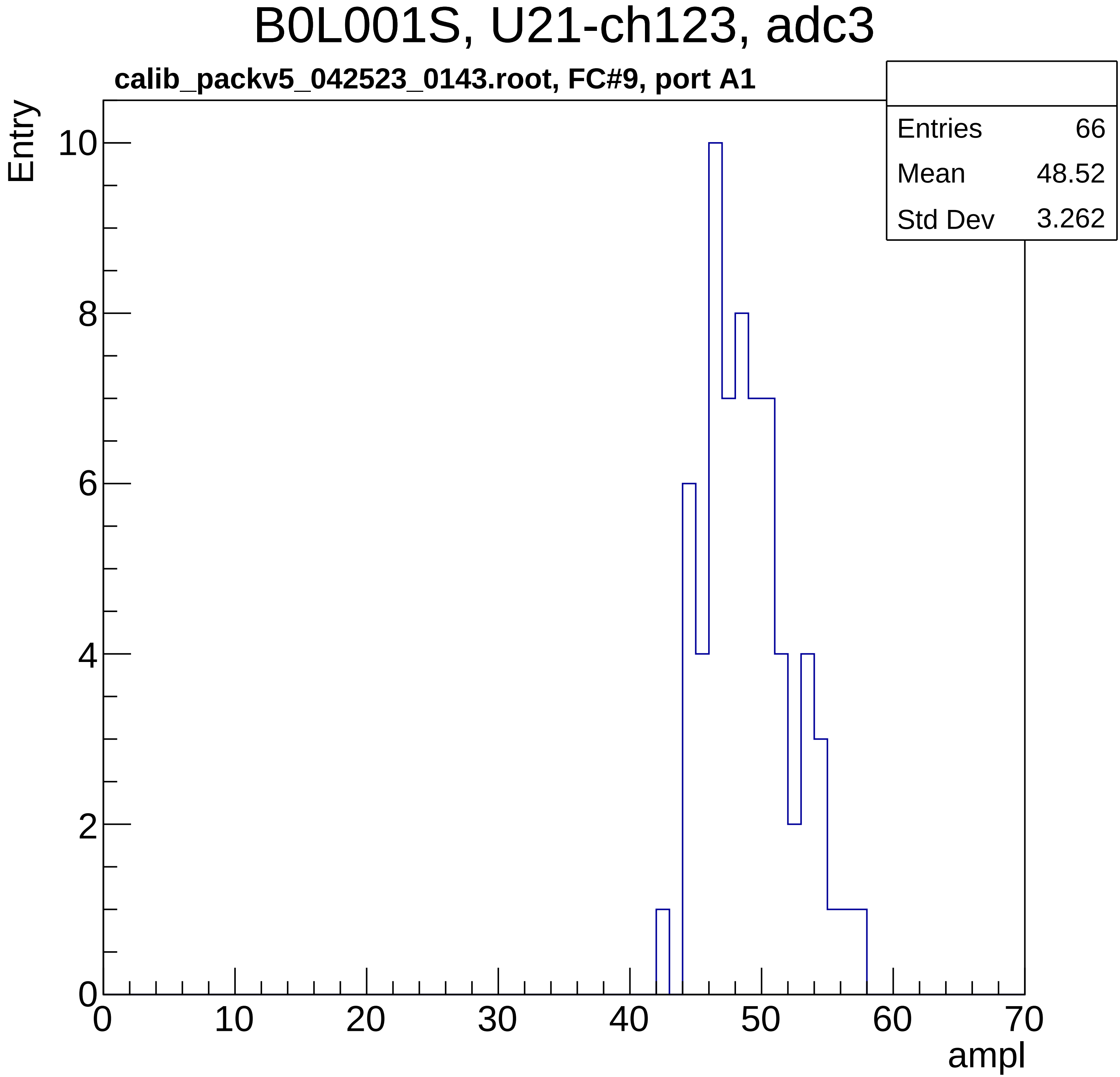

B0L001S, U21-ch122, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

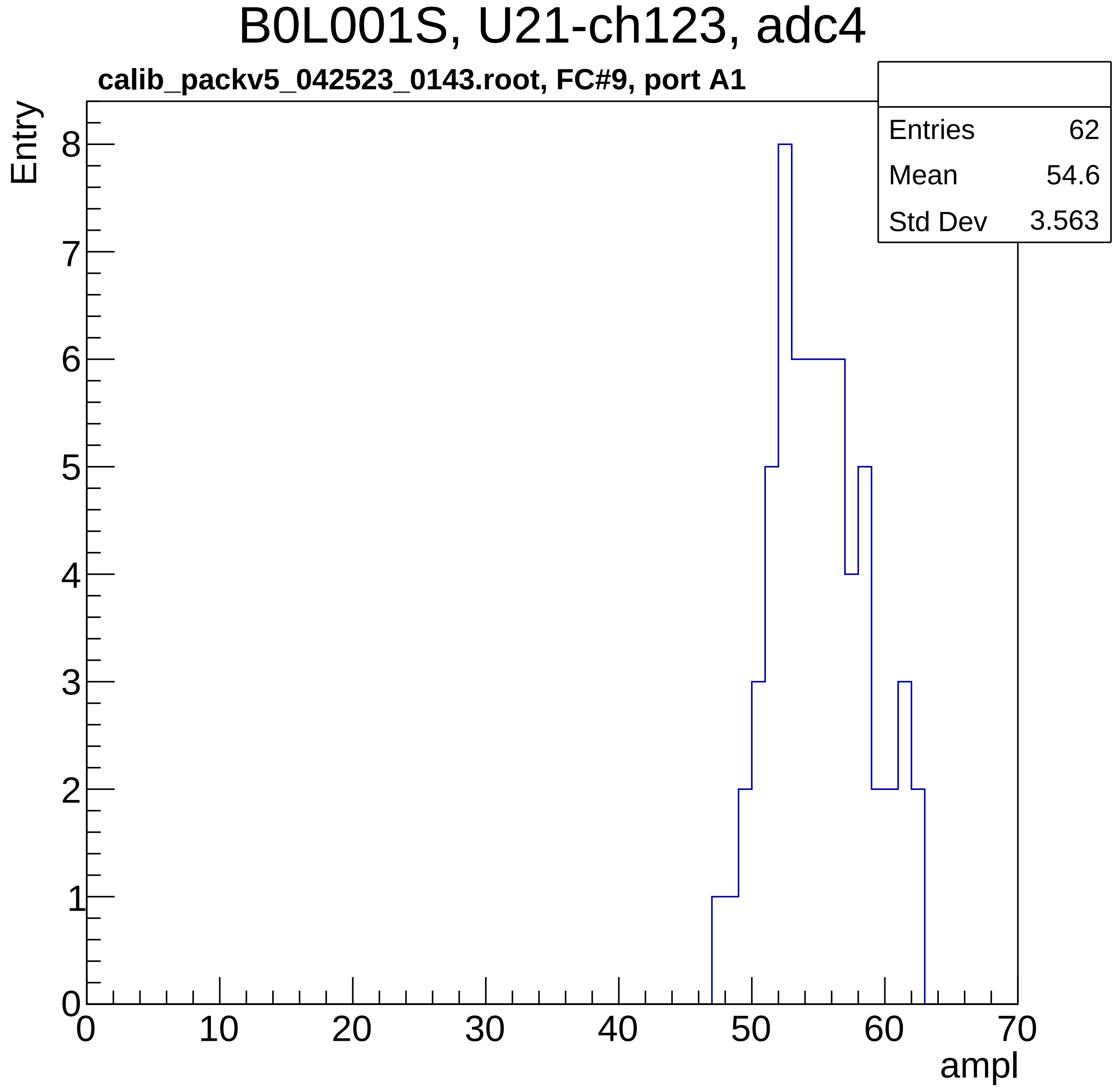

B0L001S, U21-ch123, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 86
Mean 29.9
Std Dev 4.658
Gaus mean : 31.0364
Gaus Width: 3.7610
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U21-ch123, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 36.91
Std Dev 2.988
Gaus mean : 37.6033
Gaus Width: 3.1978
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch123, adc2

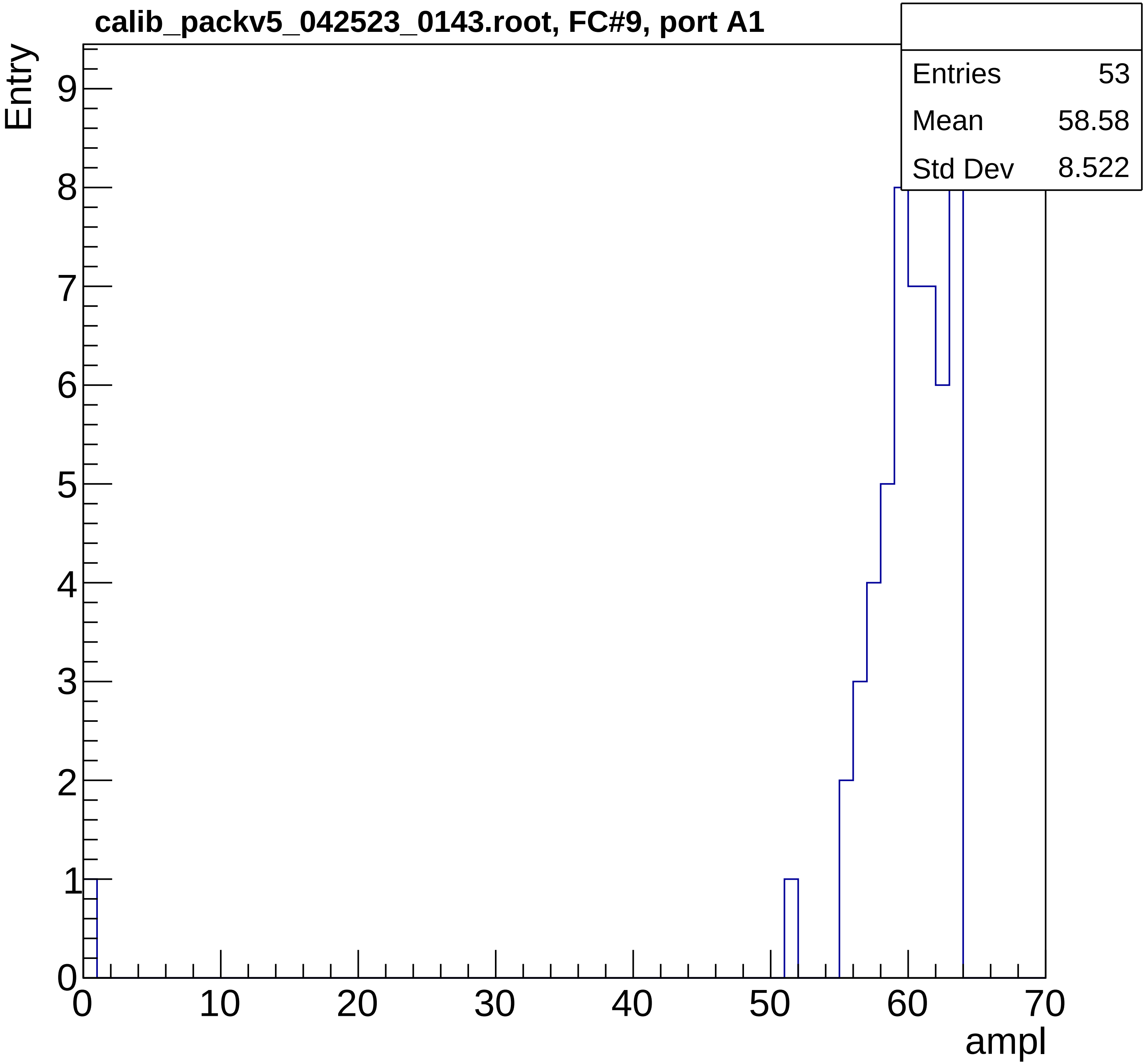


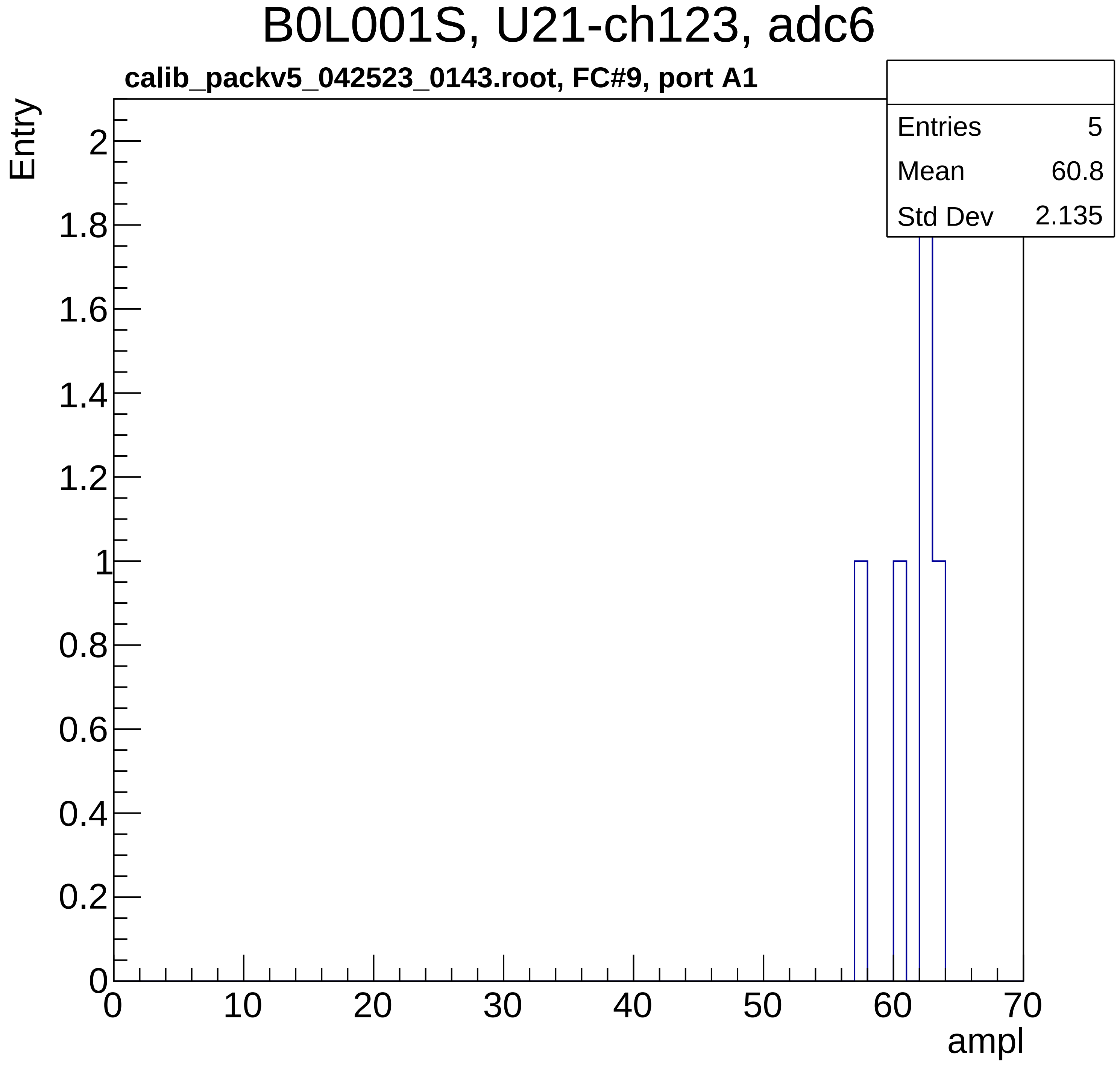

B0L001S, U21-ch123, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 48.52
Std Dev 3.262
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

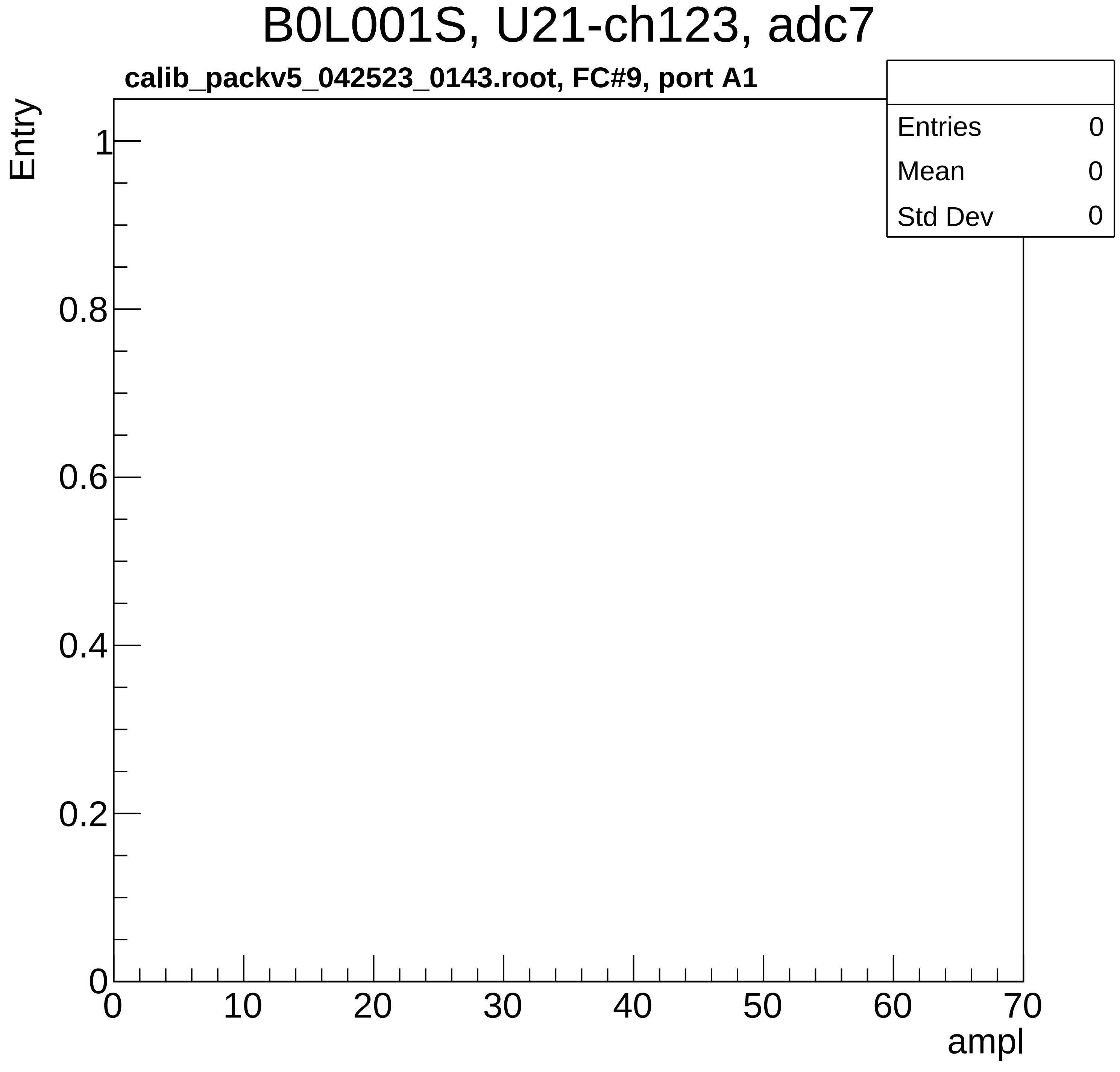

B0L001S, U21-ch123, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 54.6
Std Dev 3.563
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

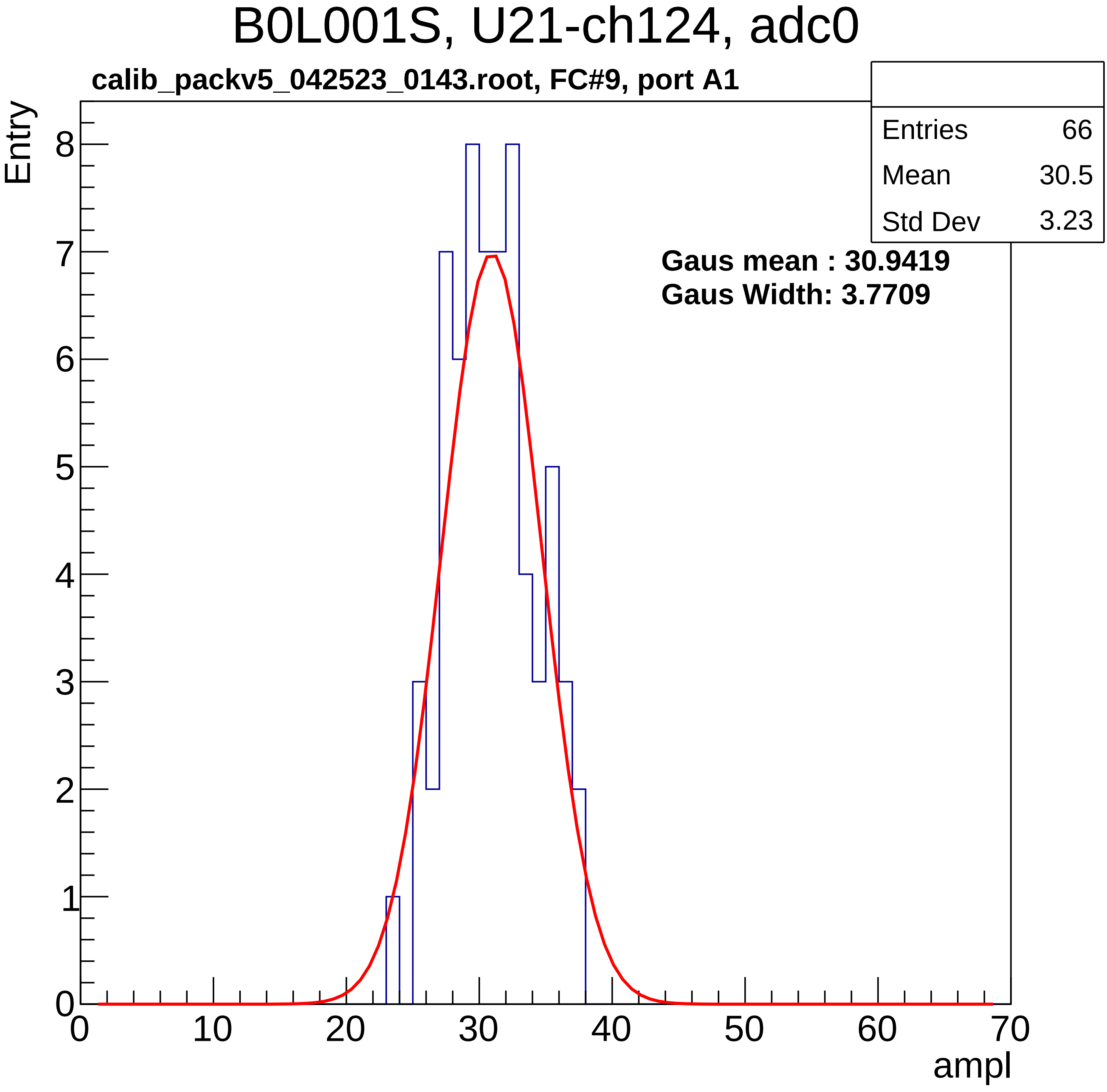
B0L001S, U21-ch123, adc5

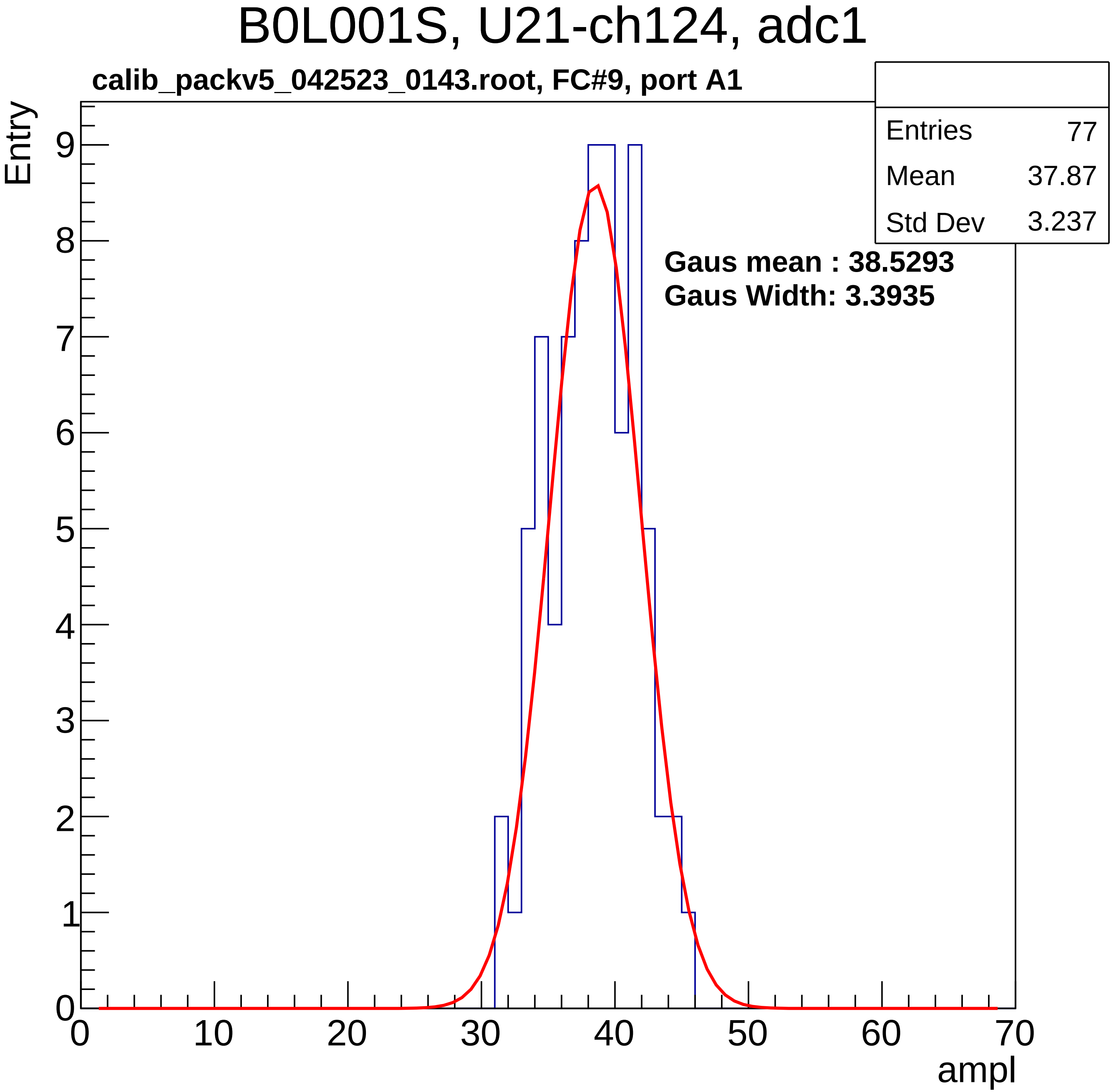
calib_packv5_042523_0143.root, FC#9, port A1

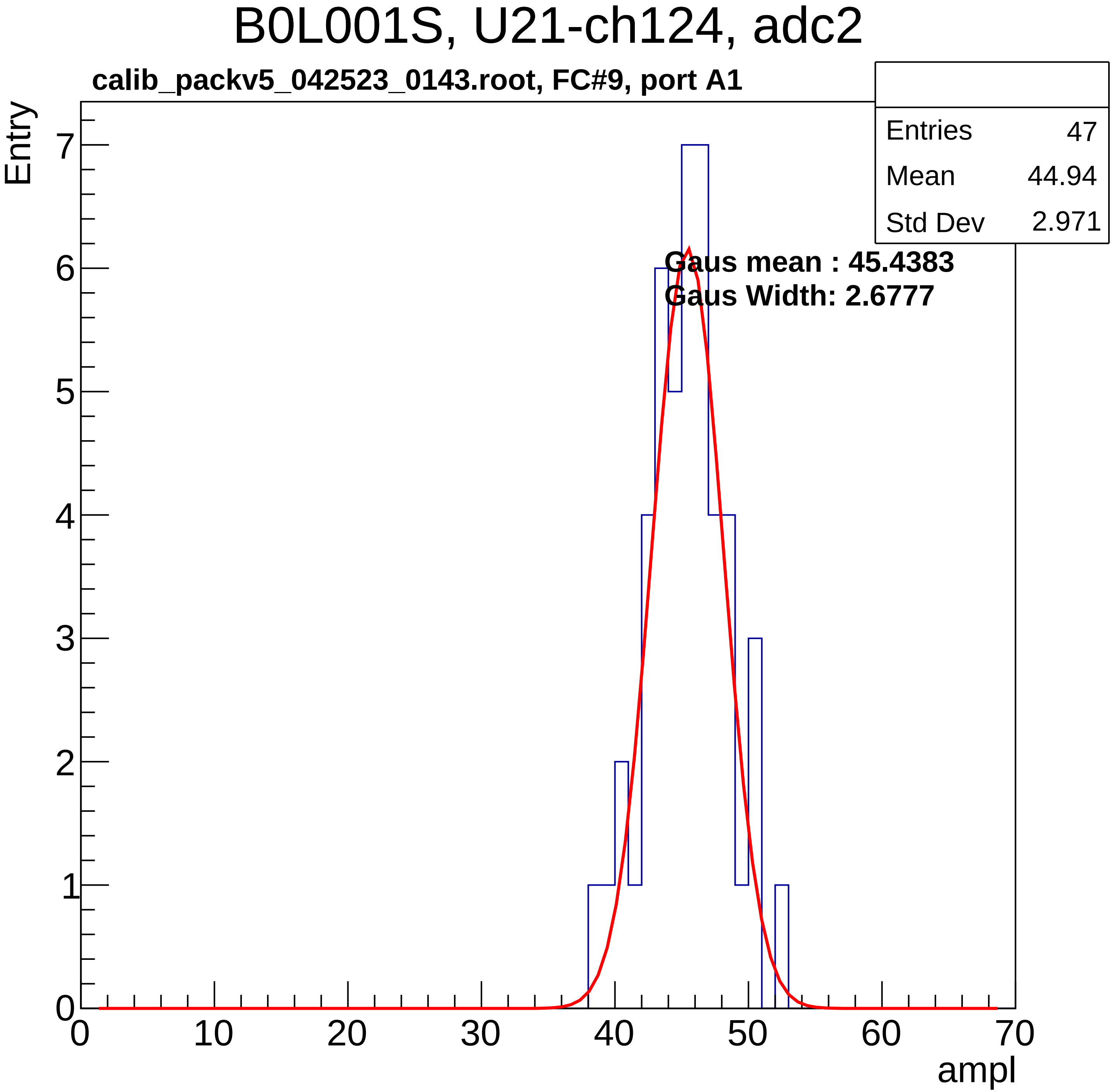


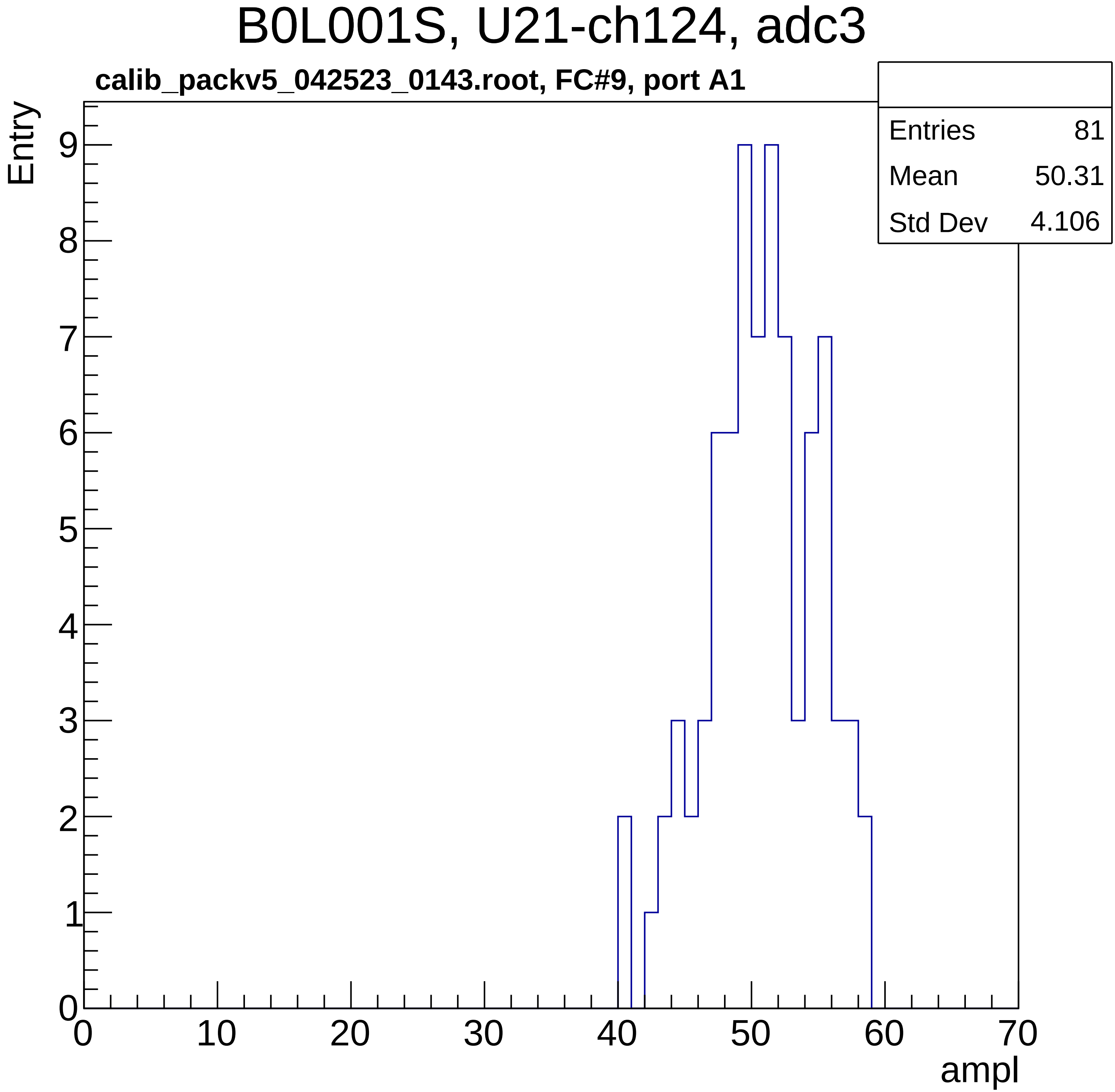

B0L001S, U21-ch123, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 60.8
Std Dev 2.135
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

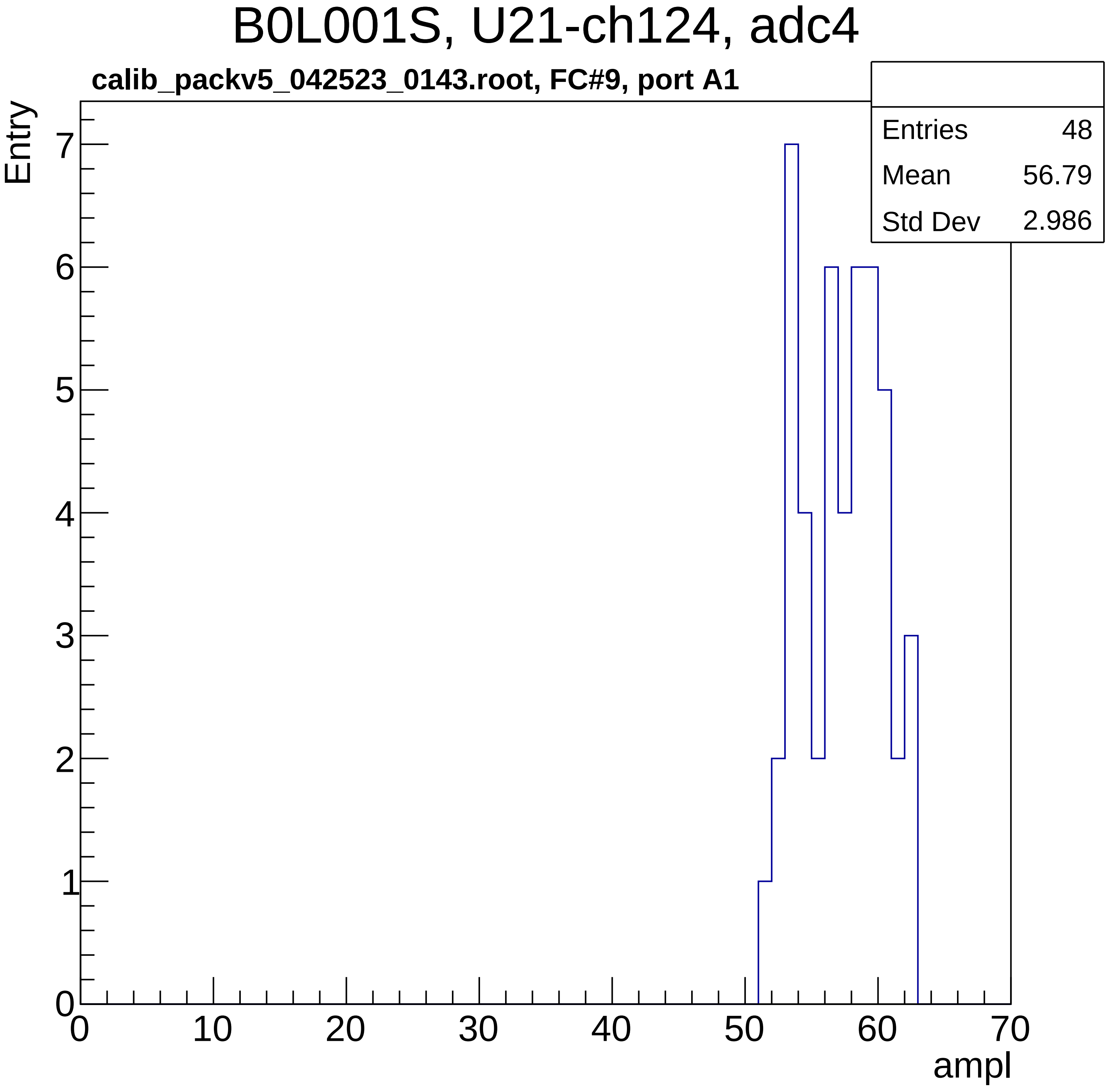

B0L001S, U21-ch123, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

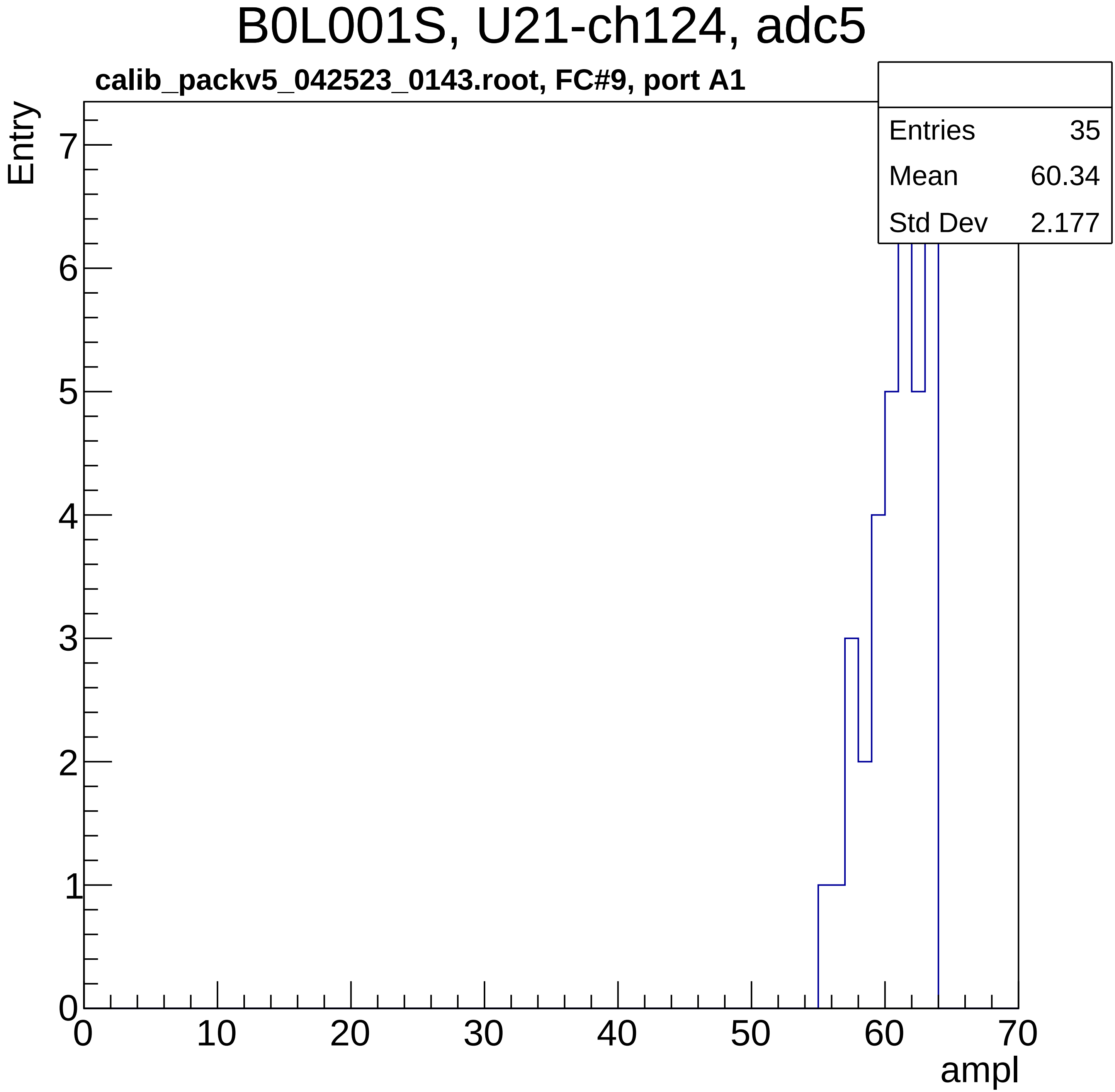

B0L001S, U21-ch124, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 30.5
Std Dev 3.23
Gaus mean : 30.9419
Gaus Width: 3.7709
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

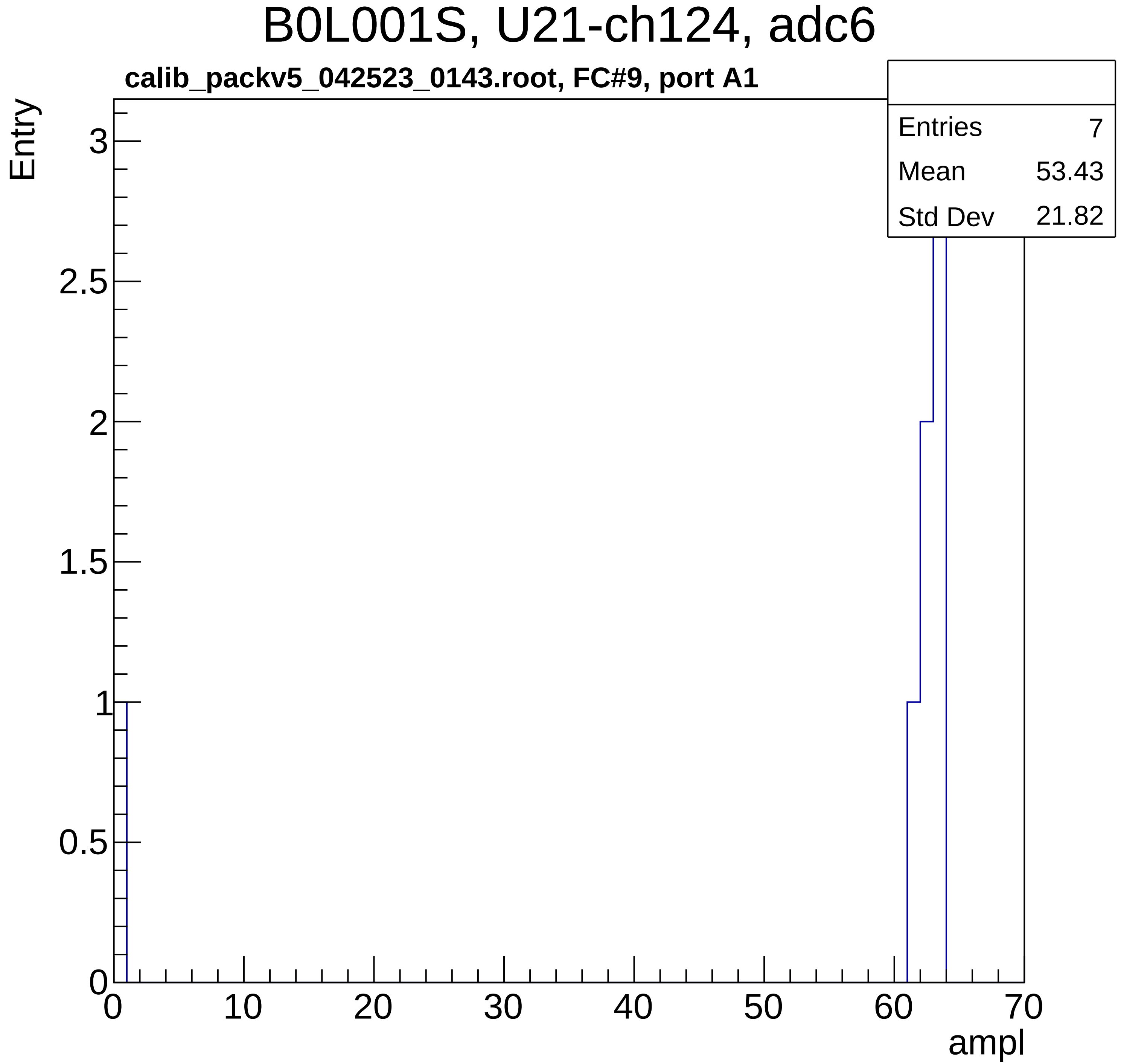

B0L001S, U21-ch124, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 77
Mean 37.87
Std Dev 3.237
Gaus mean : 38.5293
Gaus Width: 3.3935
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

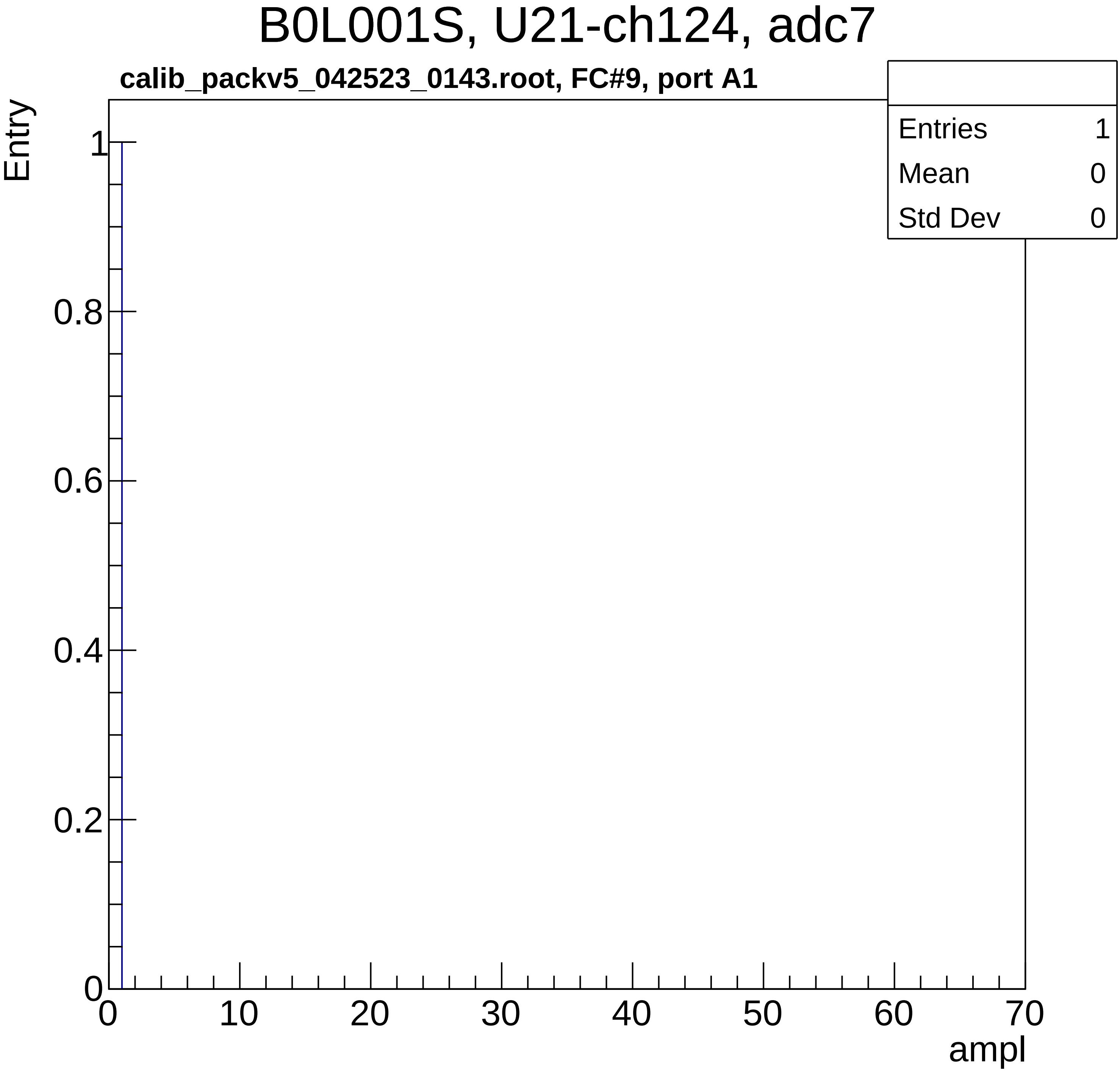

B0L001S, U21-ch124, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 44.94
Std Dev 2.971
Gaus mean : 45.4383
Gaus Width: 2.6777
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

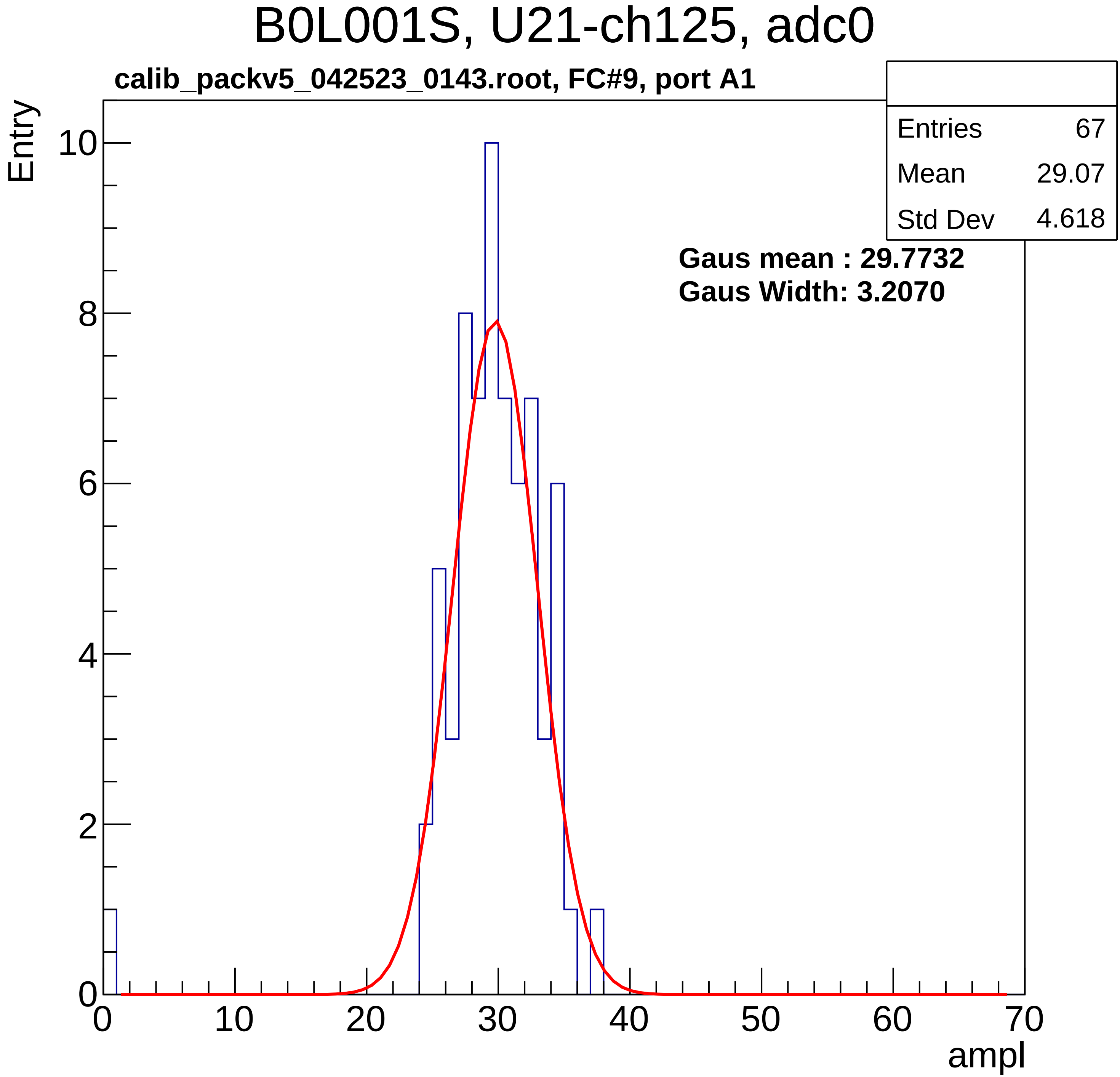

B0L001S, U21-ch124, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 50.31
Std Dev 4.106
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

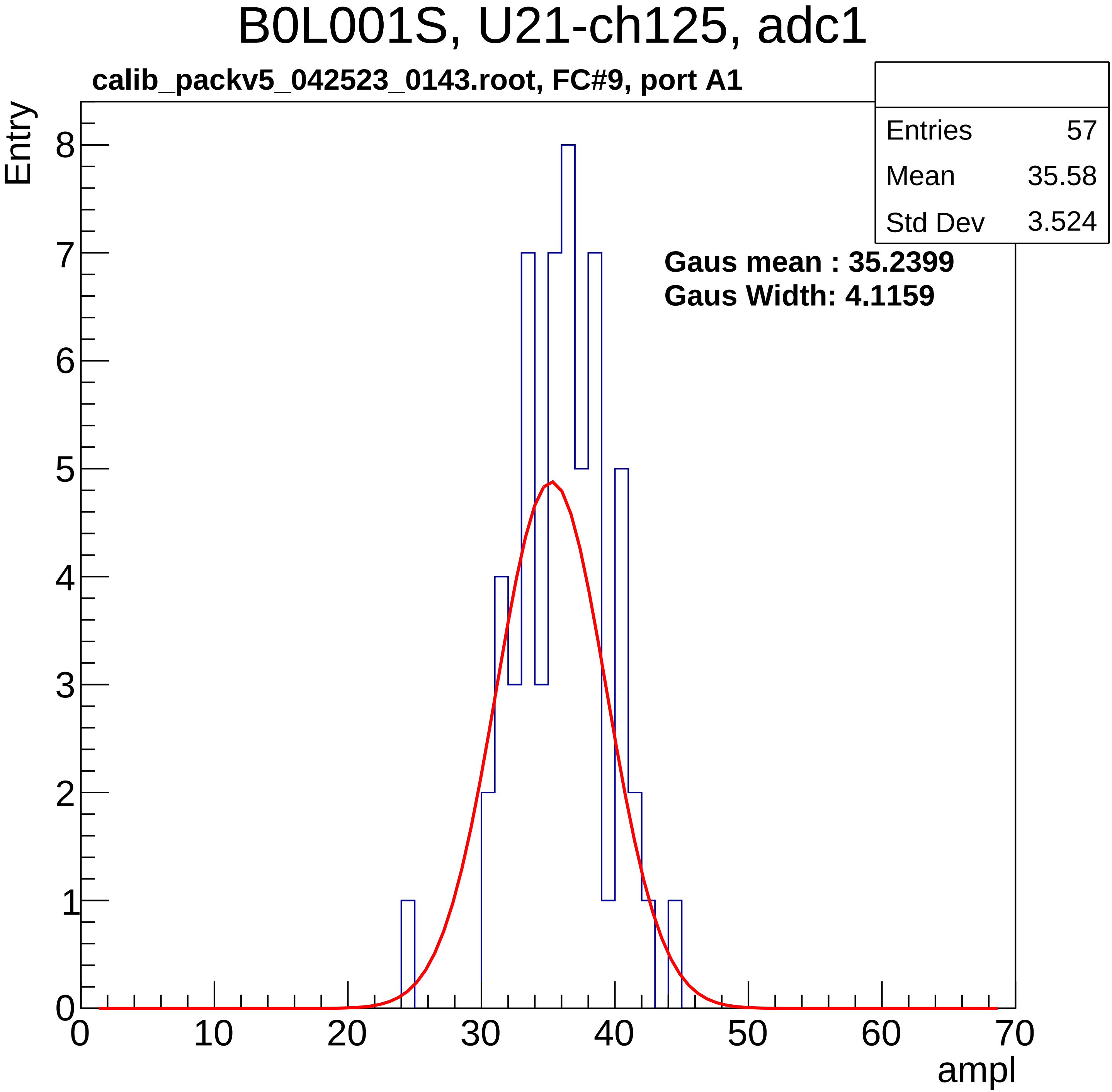

B0L001S, U21-ch124, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 56.79
Std Dev 2.986
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch124, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 60.34
Std Dev 2.177
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

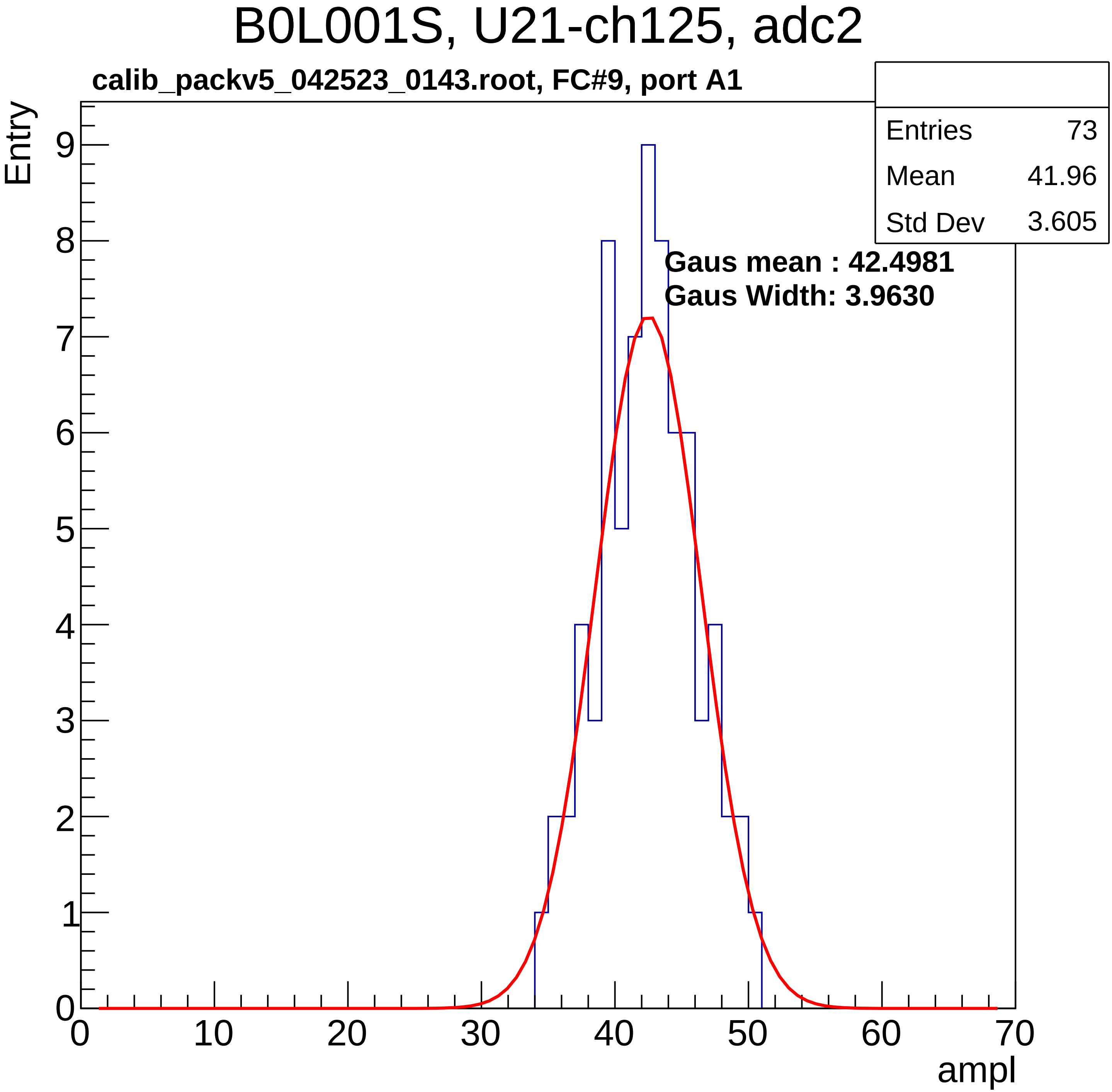

B0L001S, U21-ch124, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
ampl
Entries 7
Mean 53.43
Std Dev 21.82
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U21-ch124, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch125, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 29.07
Std Dev 4.618
Gaus mean : 29.7732
Gaus Width: 3.2070
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

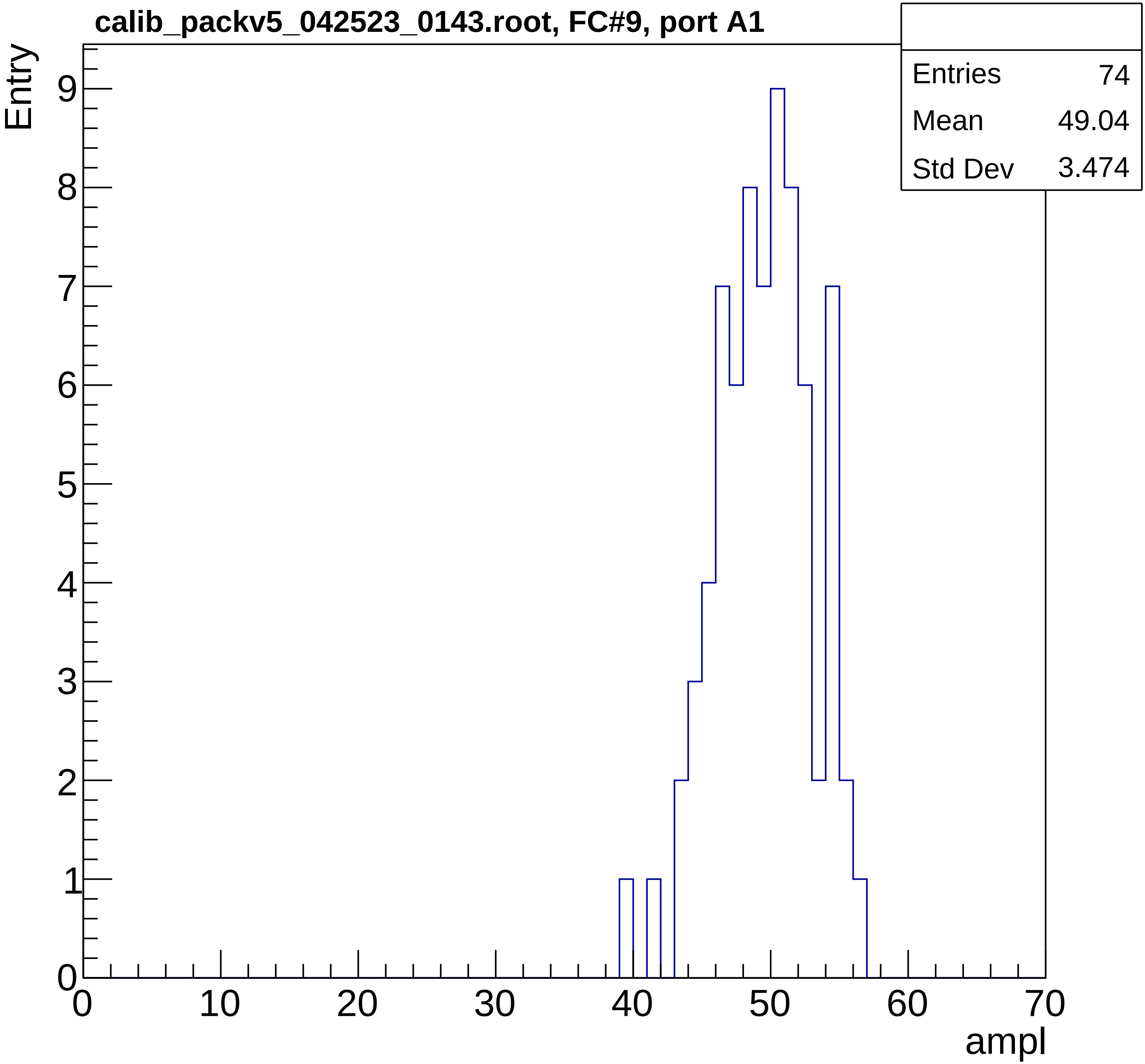


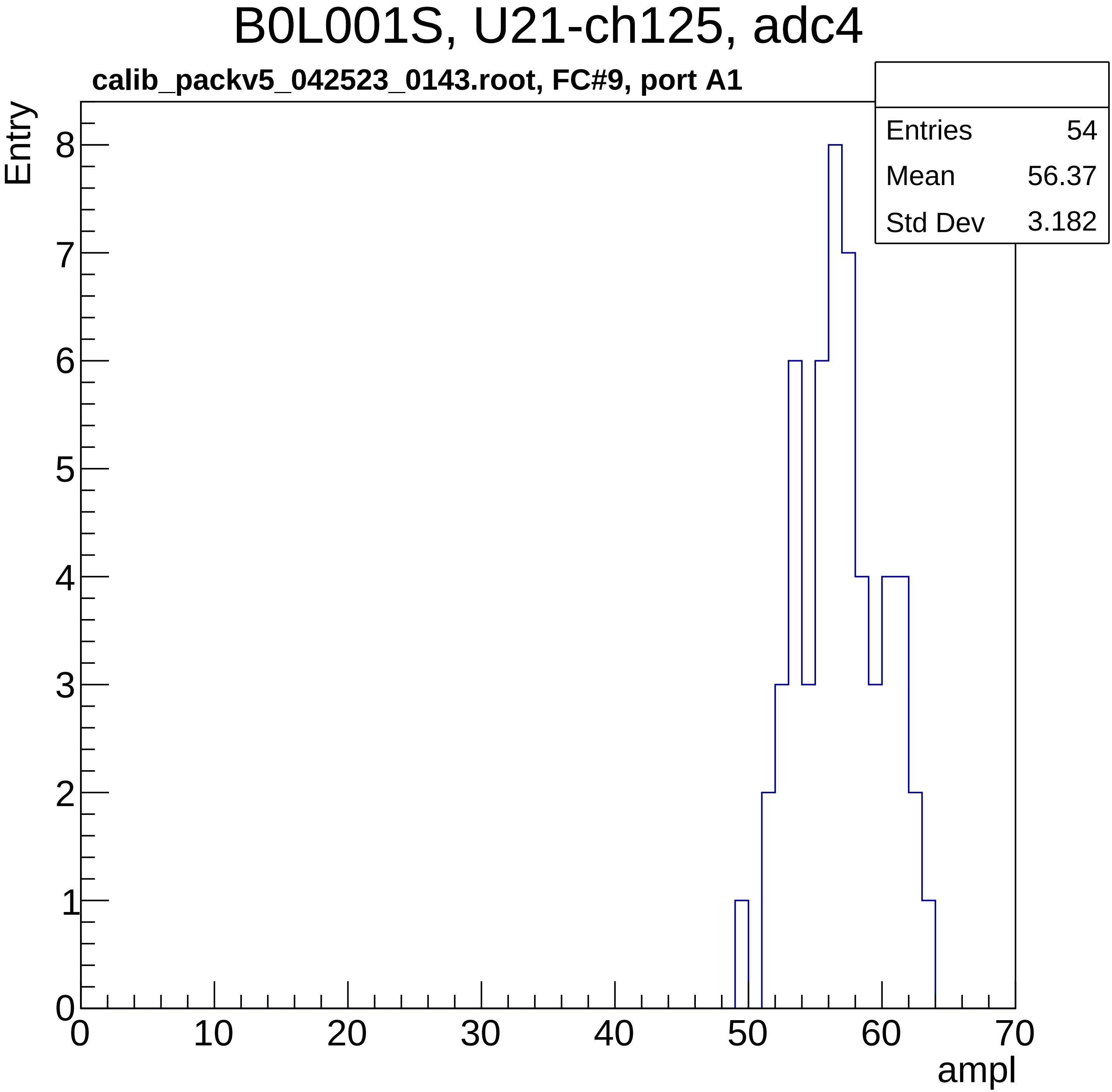
B0L001S, U21-ch125, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 35.58
Std Dev 3.524
Gaus mean : 35.2399
Gaus Width: 4.1159
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

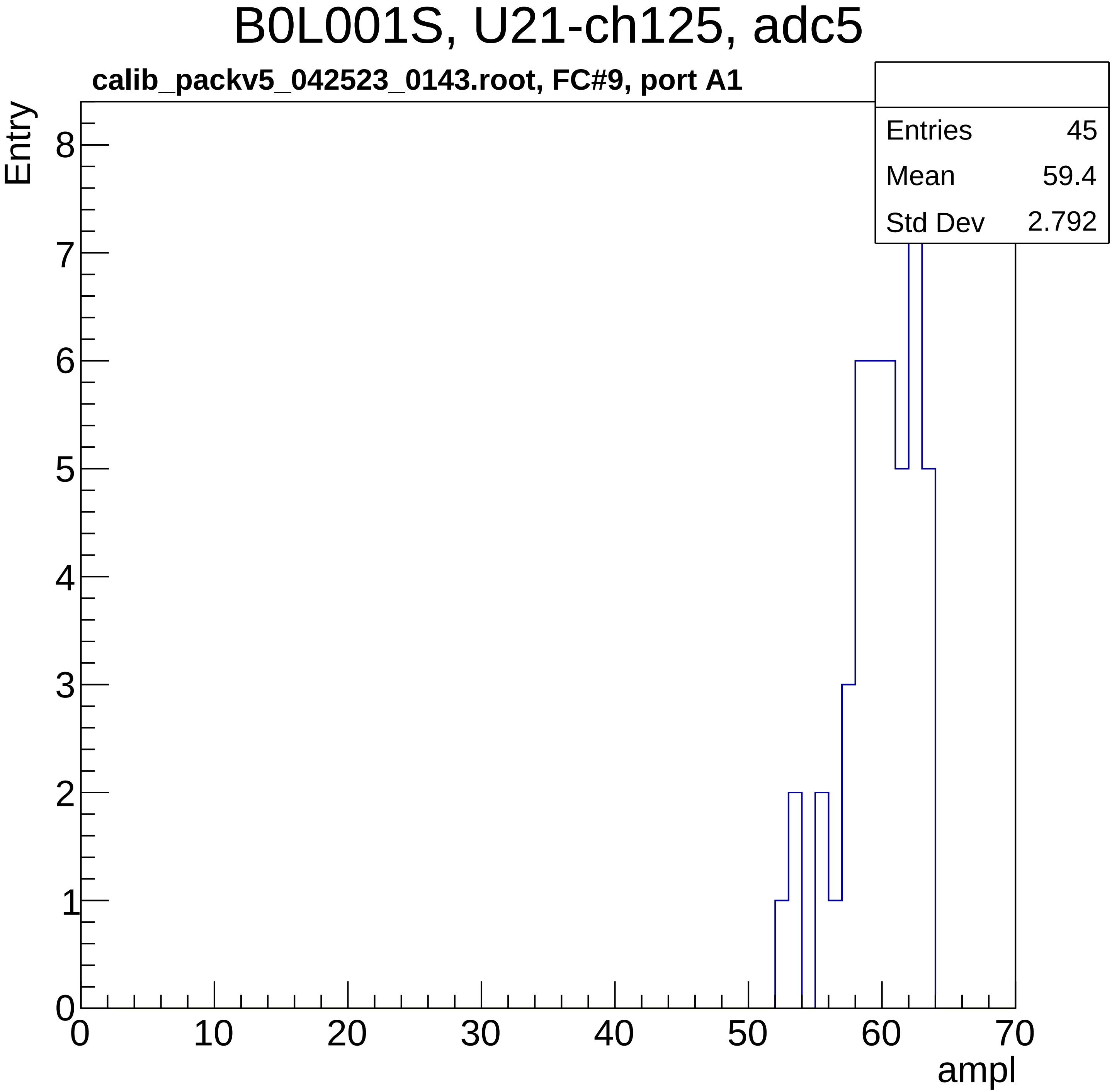

B0L001S, U21-ch125, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 41.96
Std Dev 3.605
Gaus mean : 42.4981
Gaus Width: 3.9630
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

B0L001S, U21-ch125, adc3

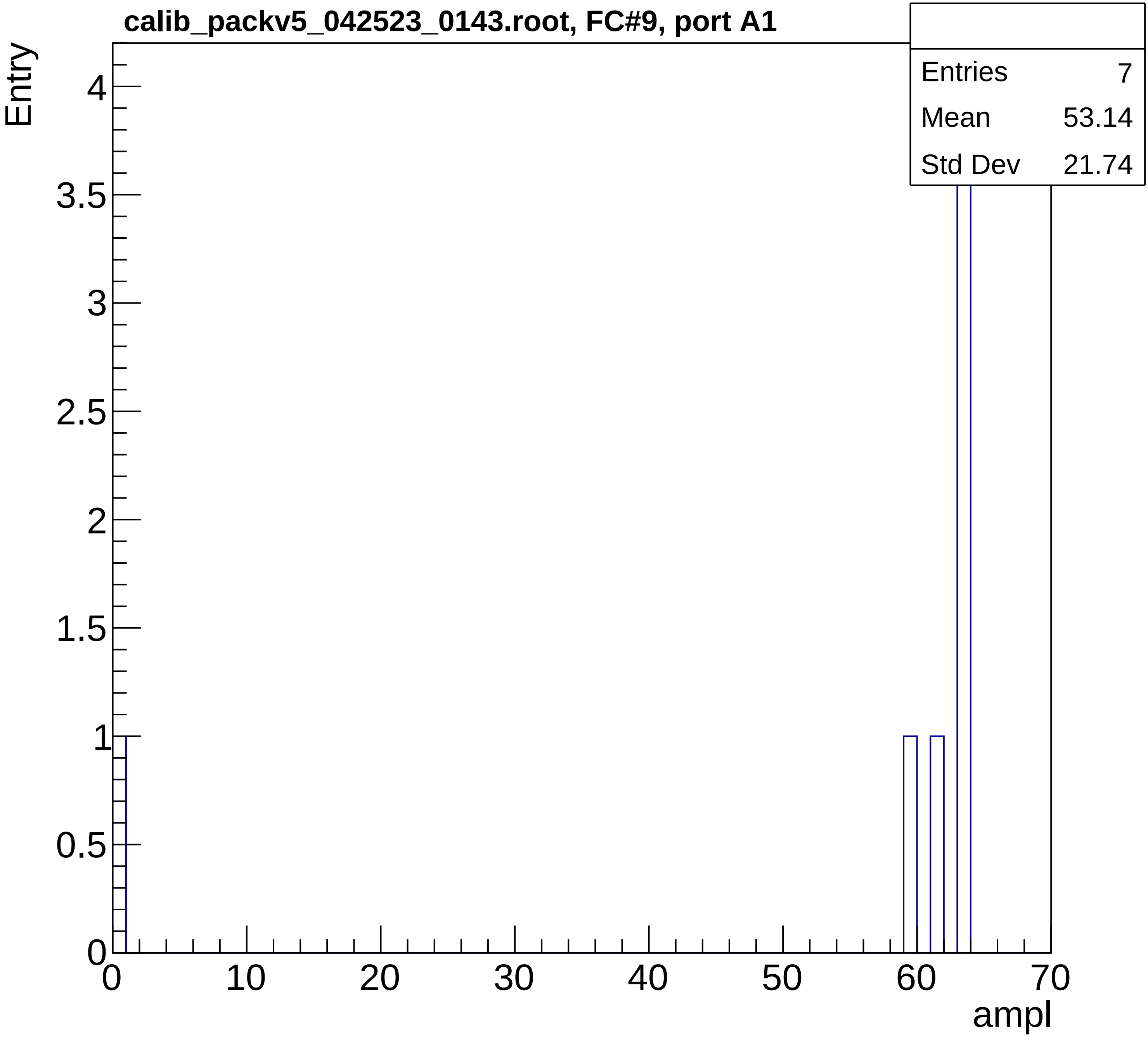
calib_packv5_042523_0143.root, FC#9, port A1

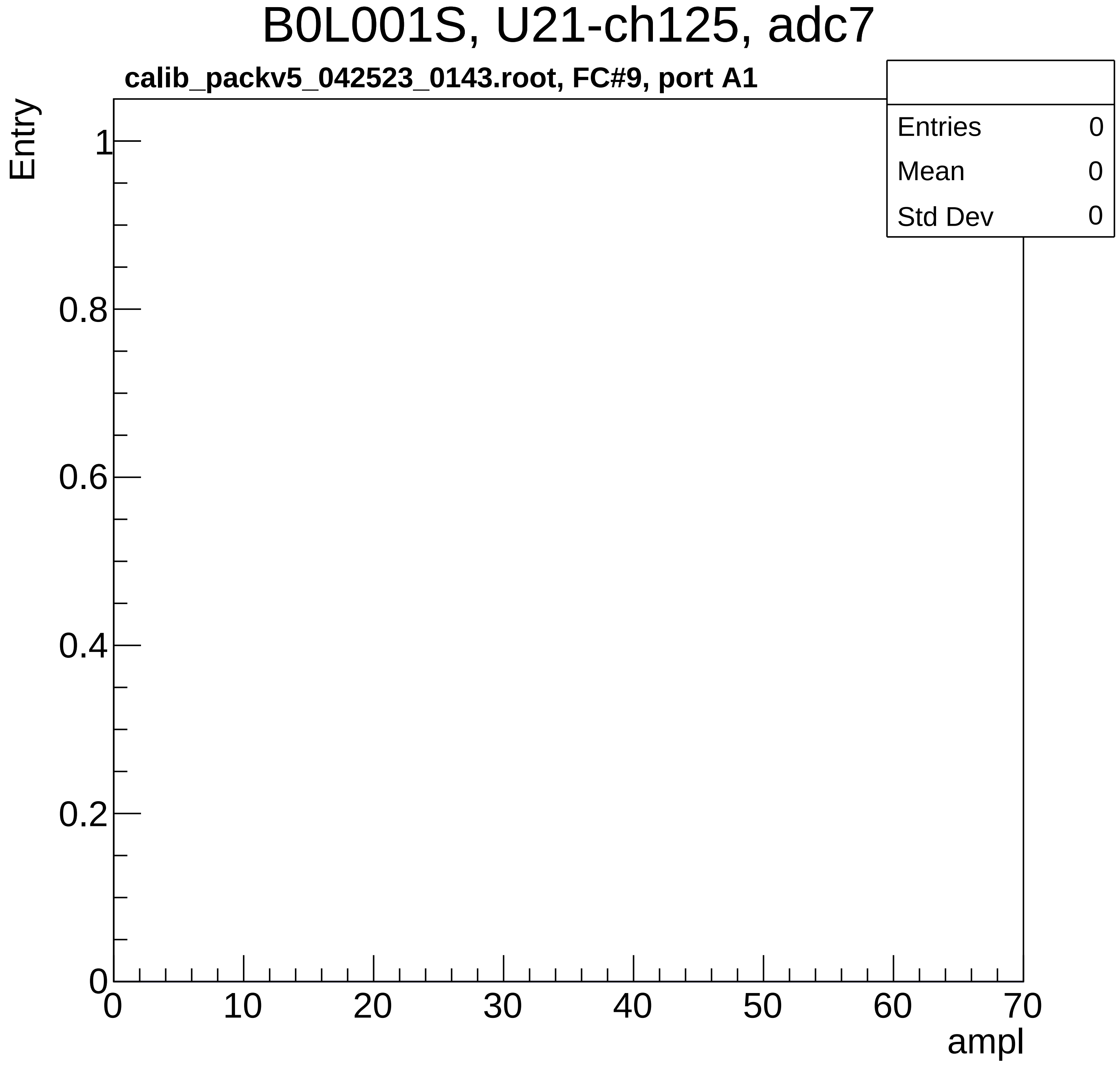


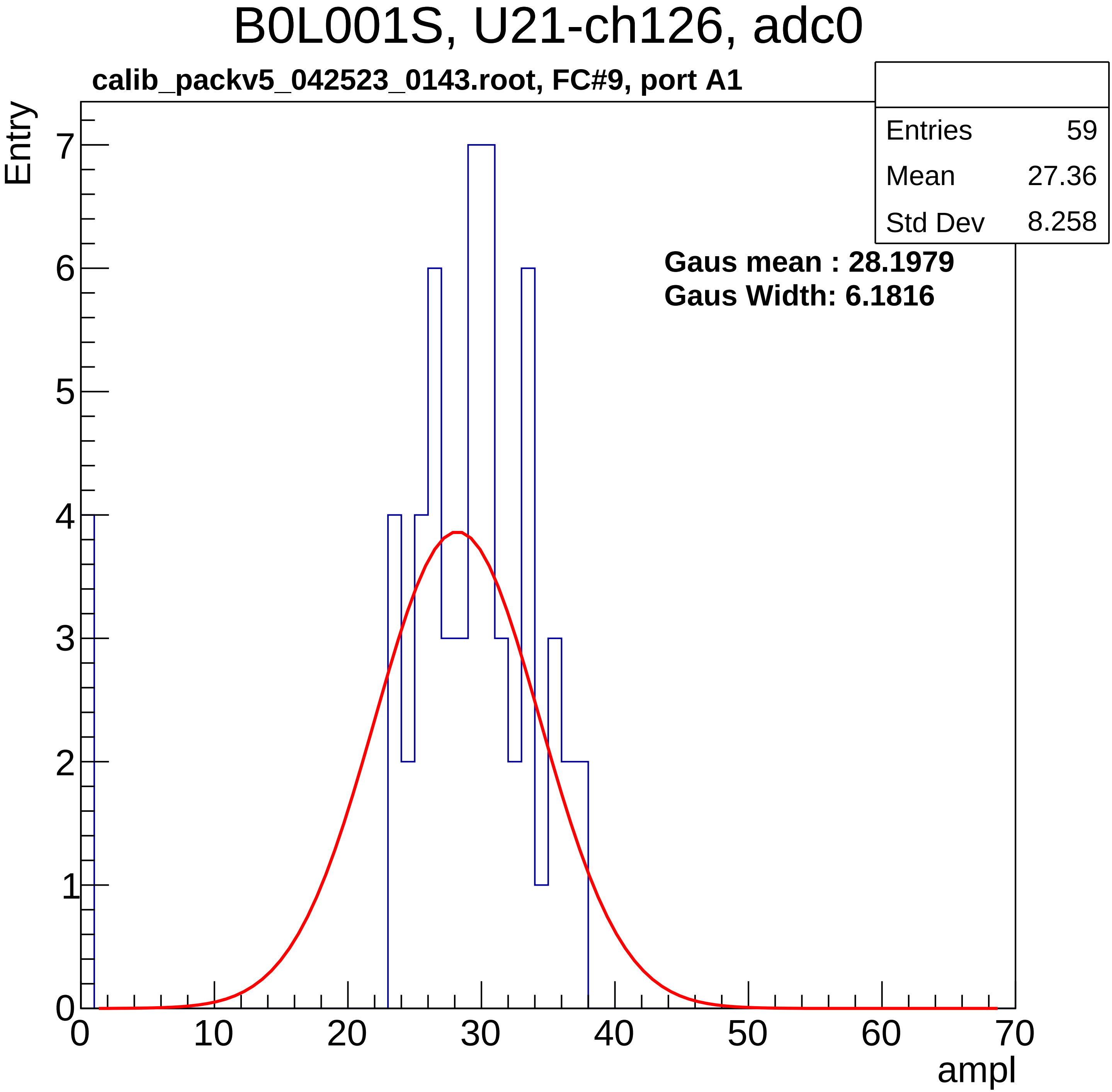

B0L001S, U21-ch125, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.37
Std Dev 3.182
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch125, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 59.4
Std Dev 2.792
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch125, adc6

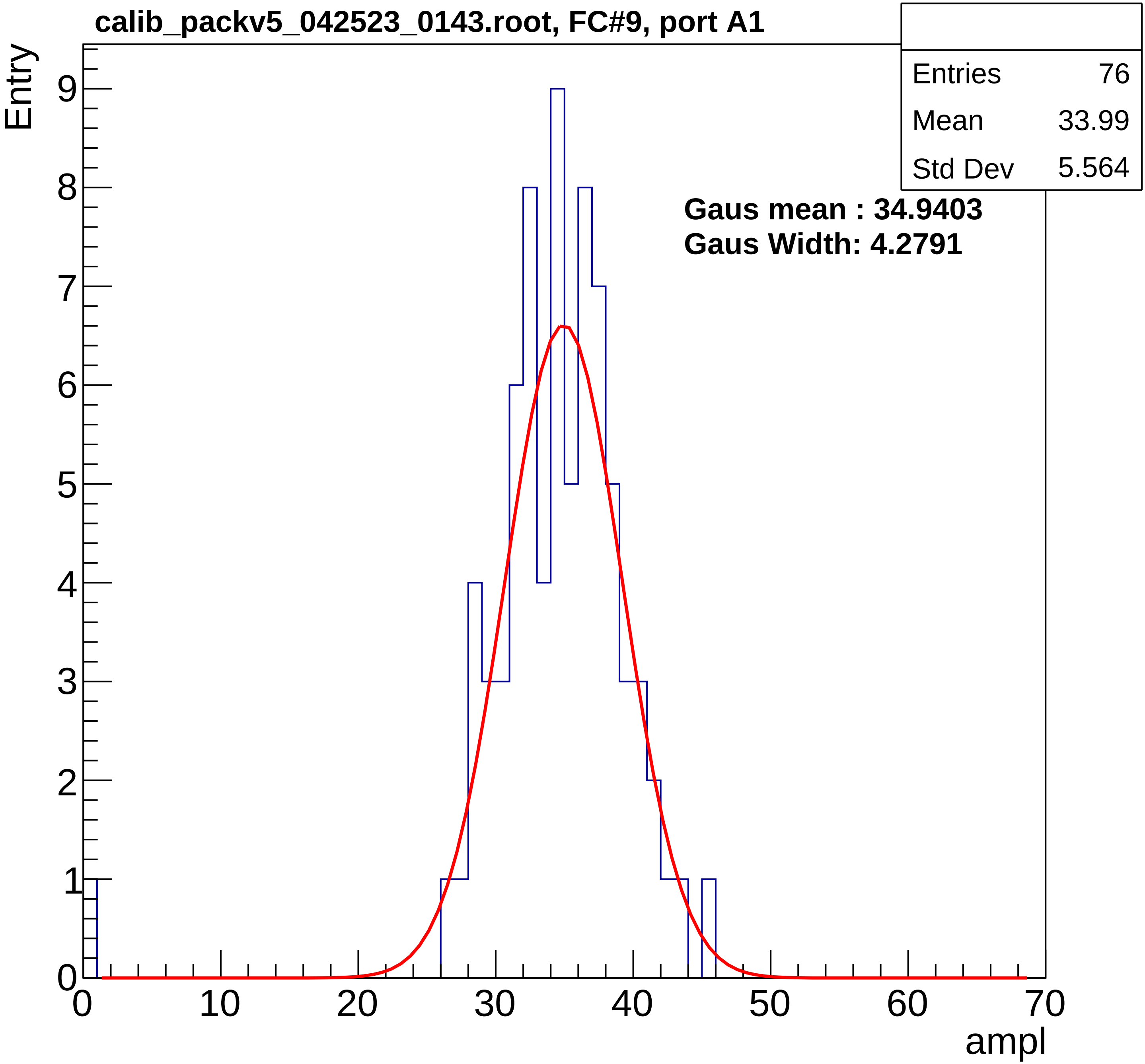


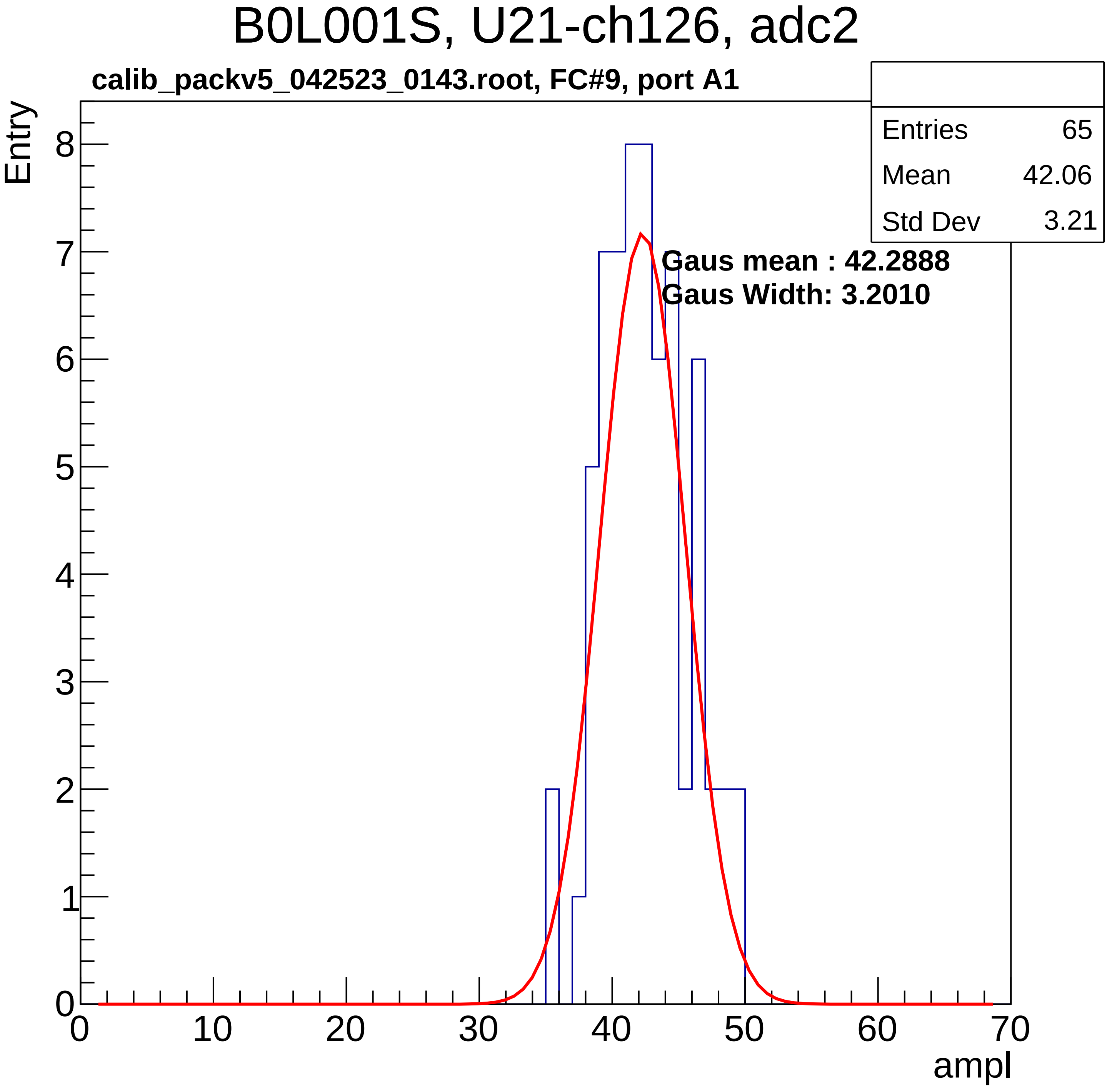

B0L001S, U21-ch125, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

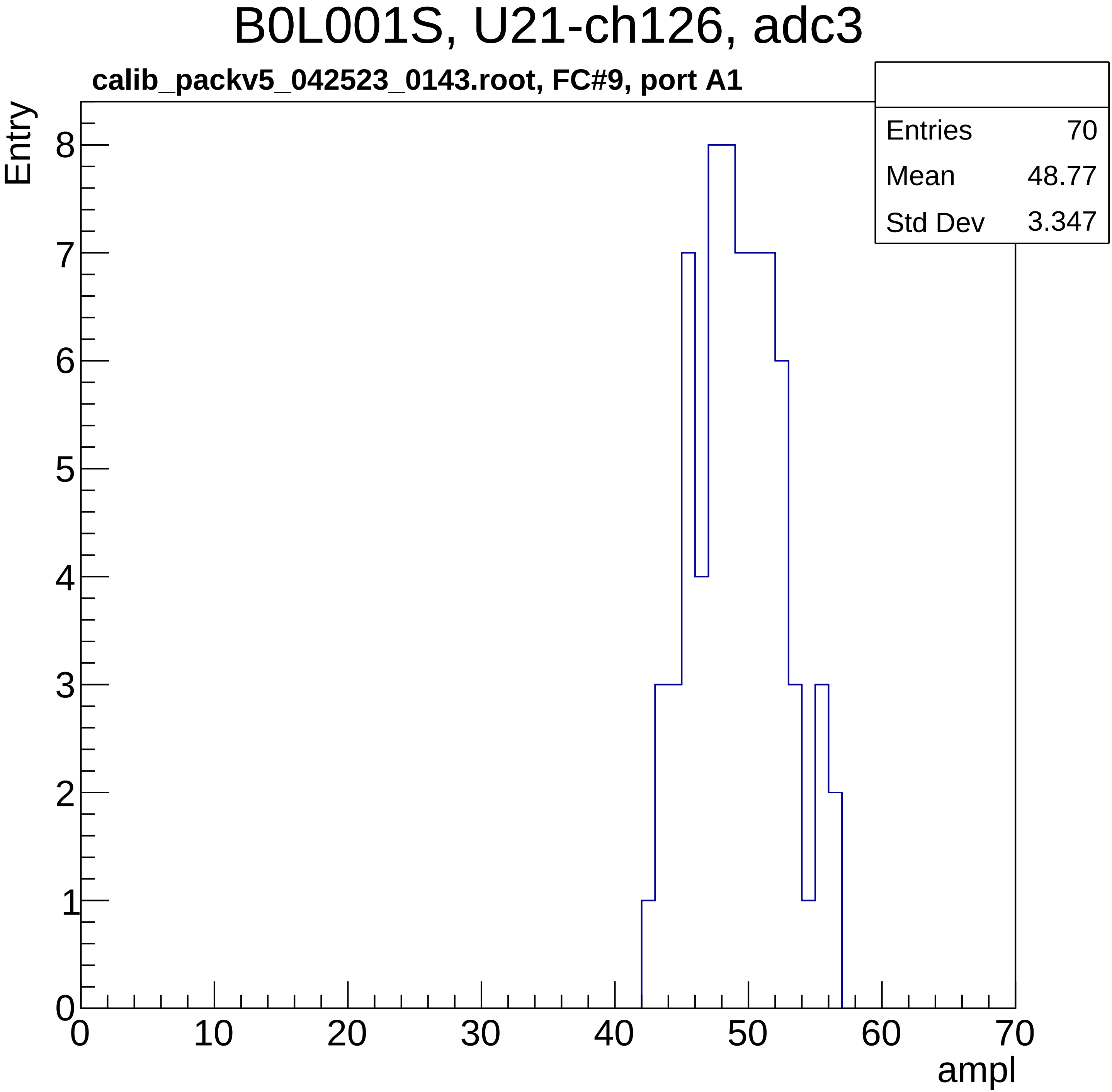


B0L001S, U21-ch126, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 27.36
Std Dev 8.258
Gaus mean : 28.1979
Gaus Width: 6.1816
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

B0L001S, U21-ch126, adc1

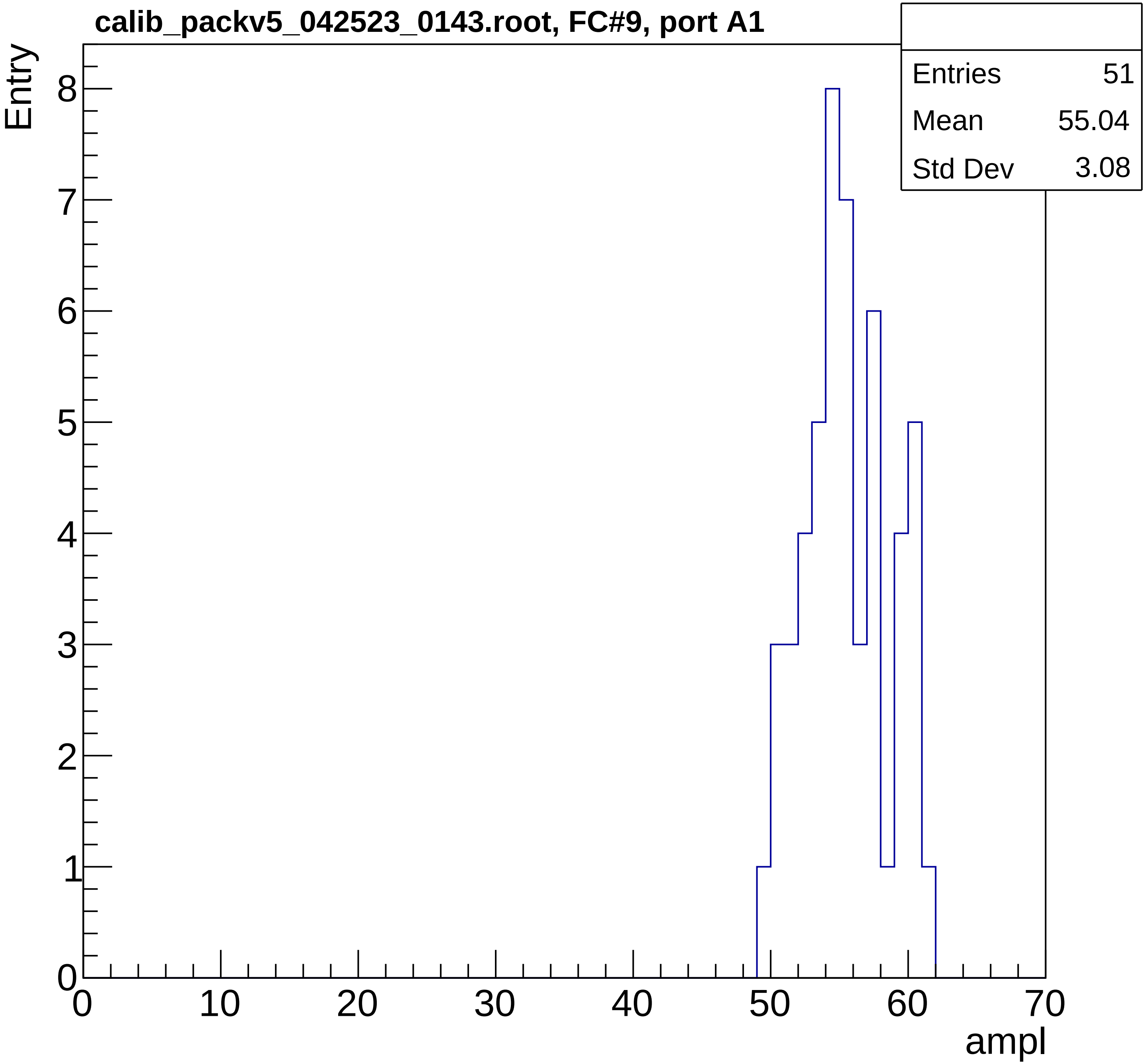


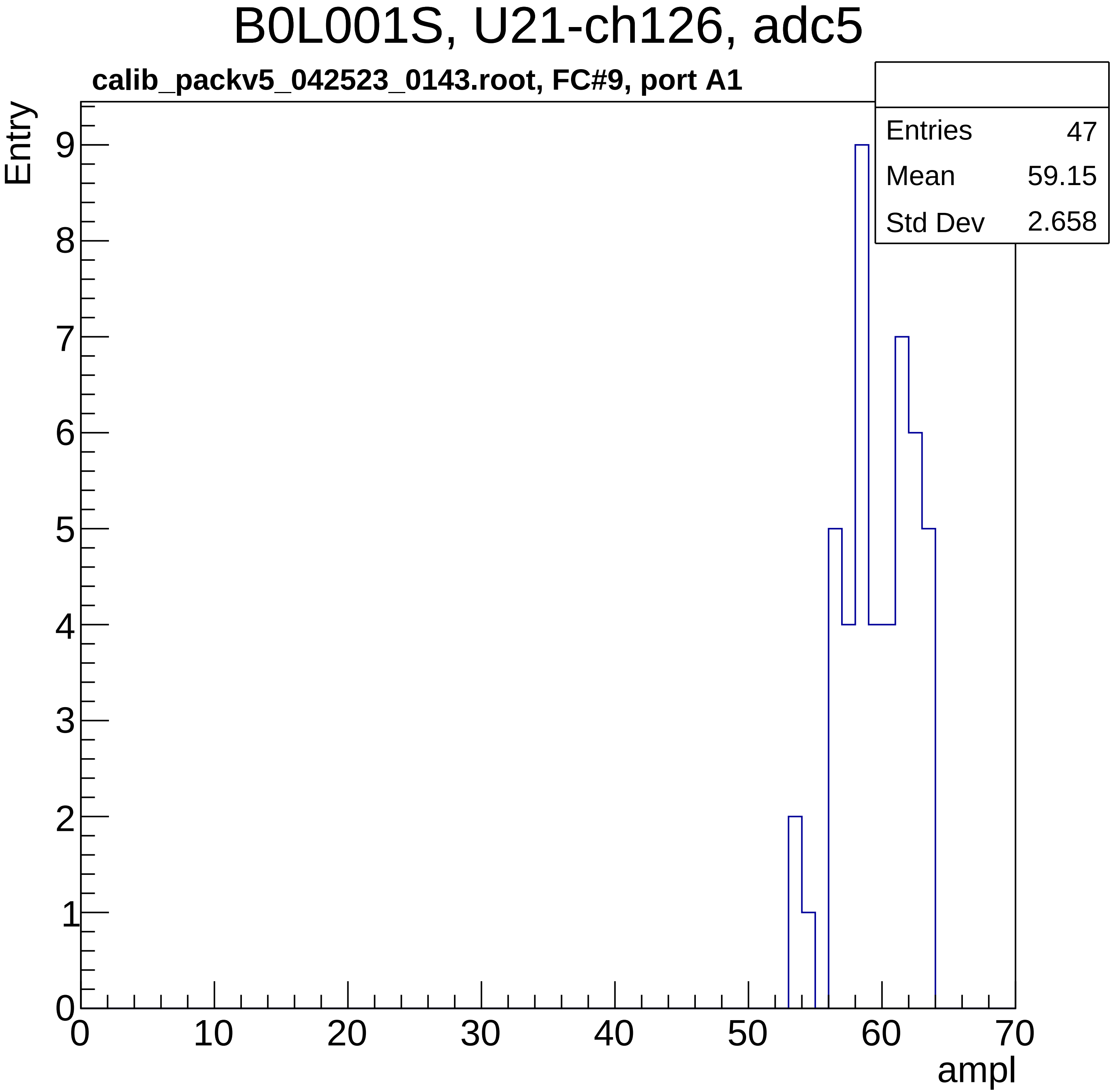

B0L001S, U21-ch126, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 42.06
Std Dev 3.21
Gaus mean : 42.2888
Gaus Width: 3.2010
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

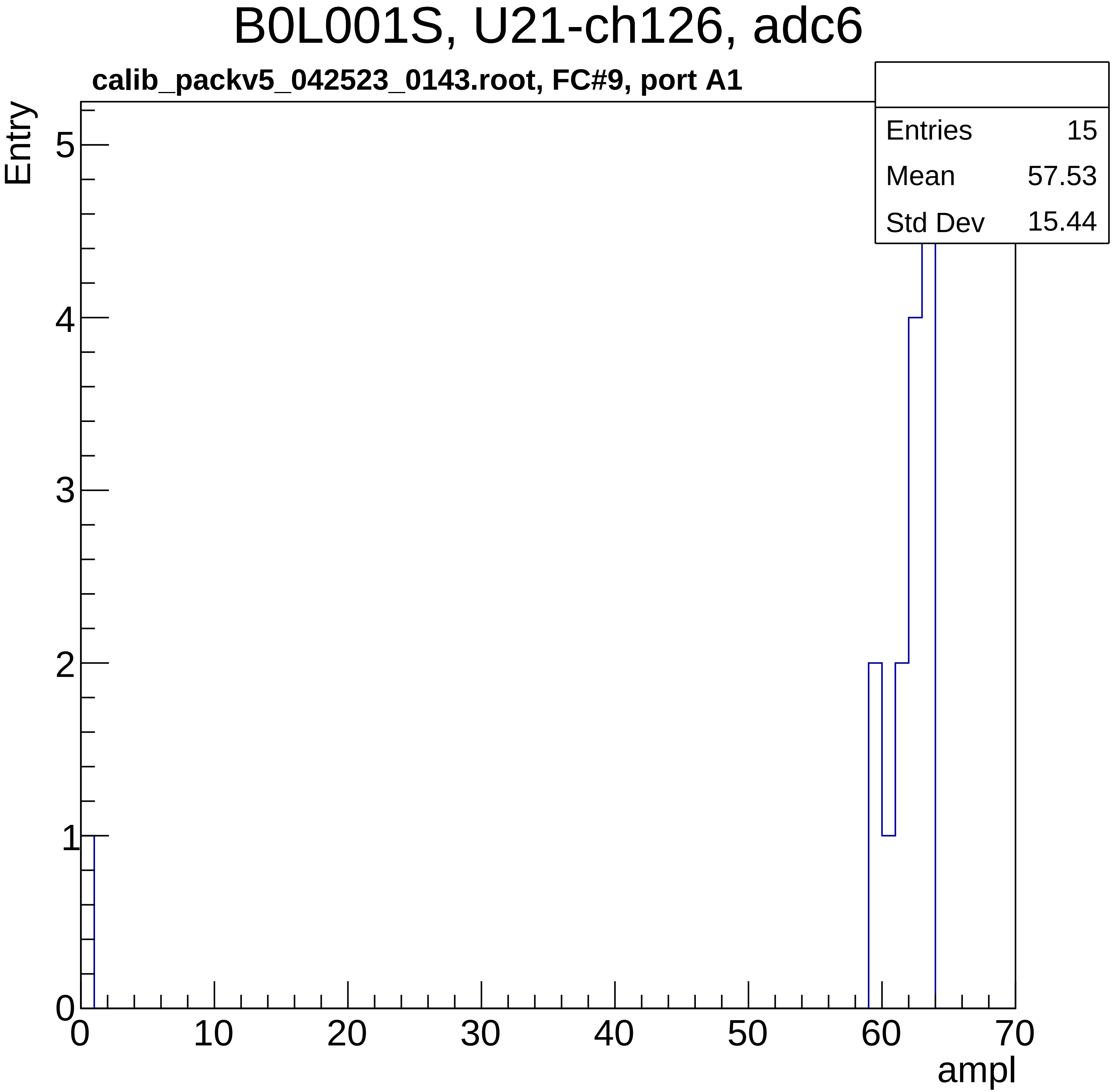

B0L001S, U21-ch126, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 48.77
Std Dev 3.347
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

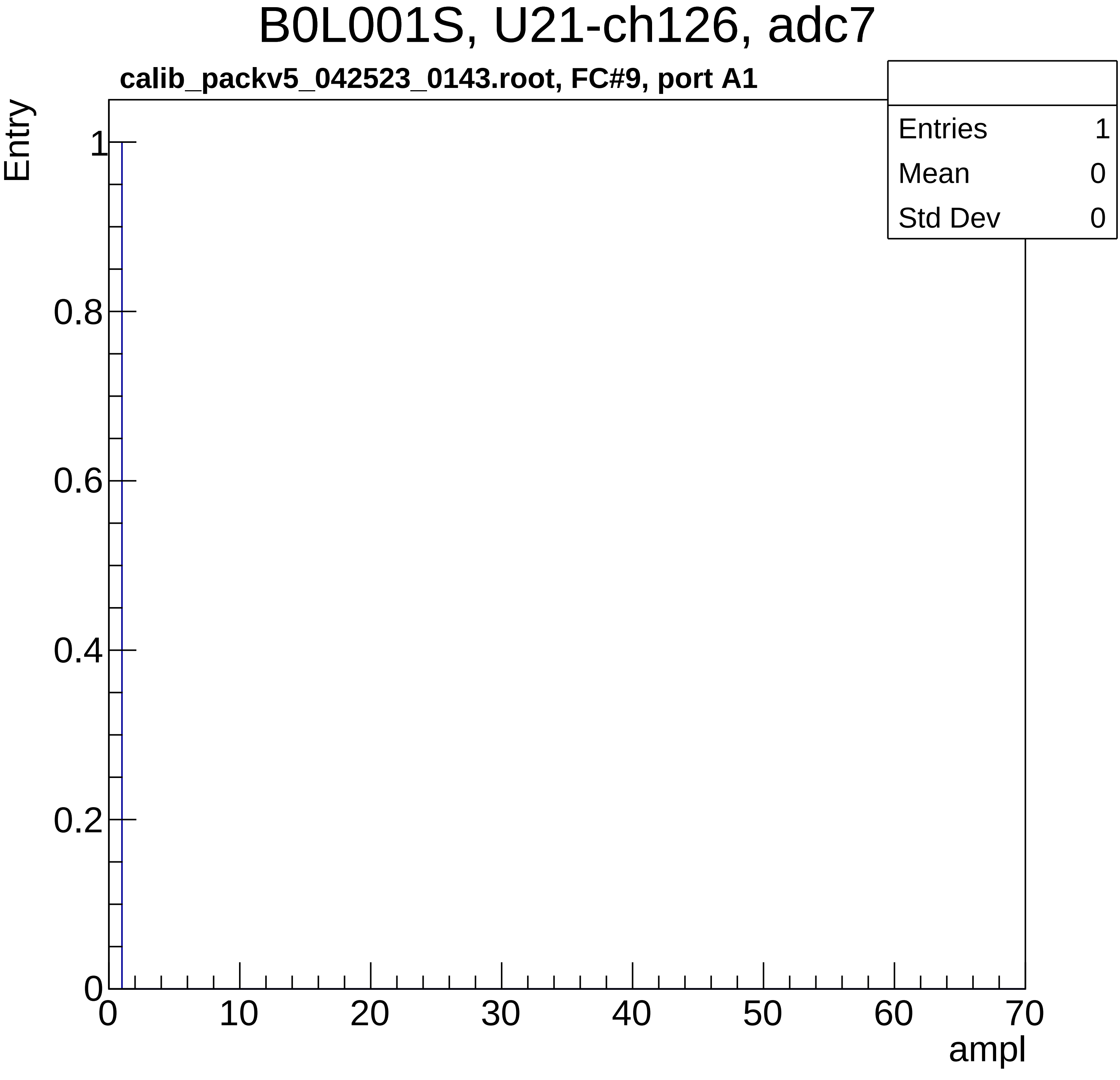
B0L001S, U21-ch126, adc4

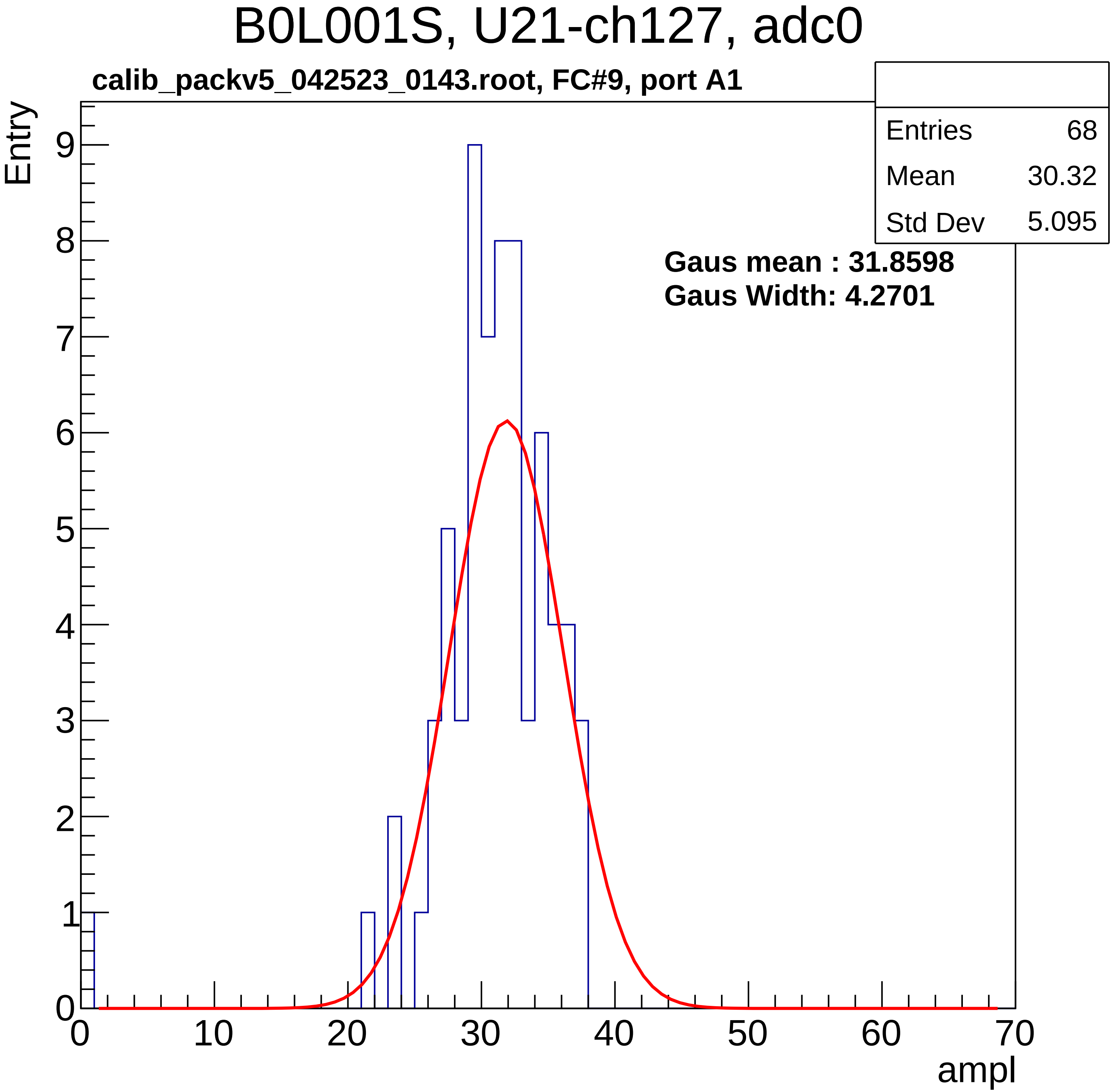
calib_packv5_042523_0143.root, FC#9, port A1

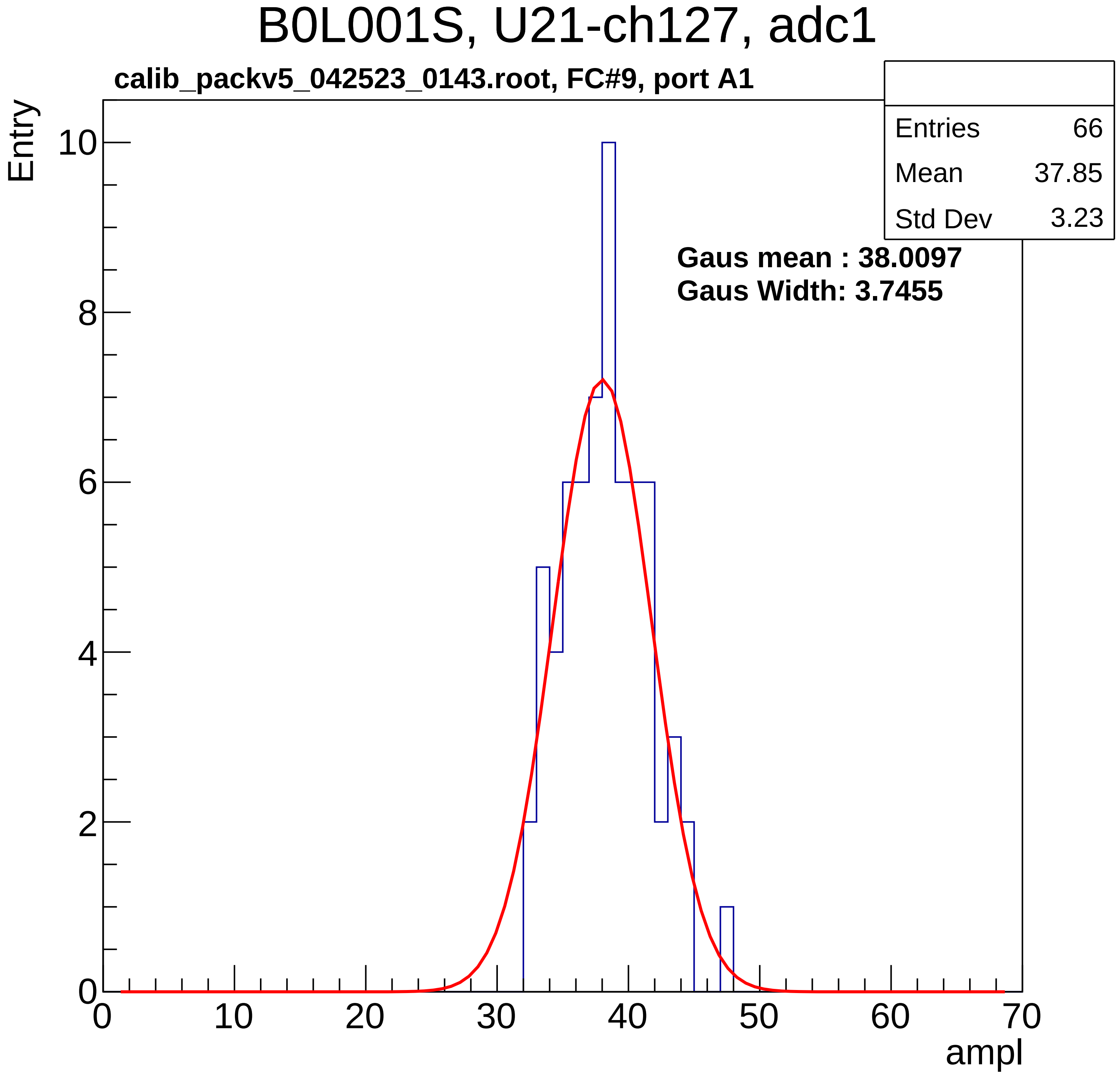



B0L001S, U21-ch126, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 59.15
Std Dev 2.658
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

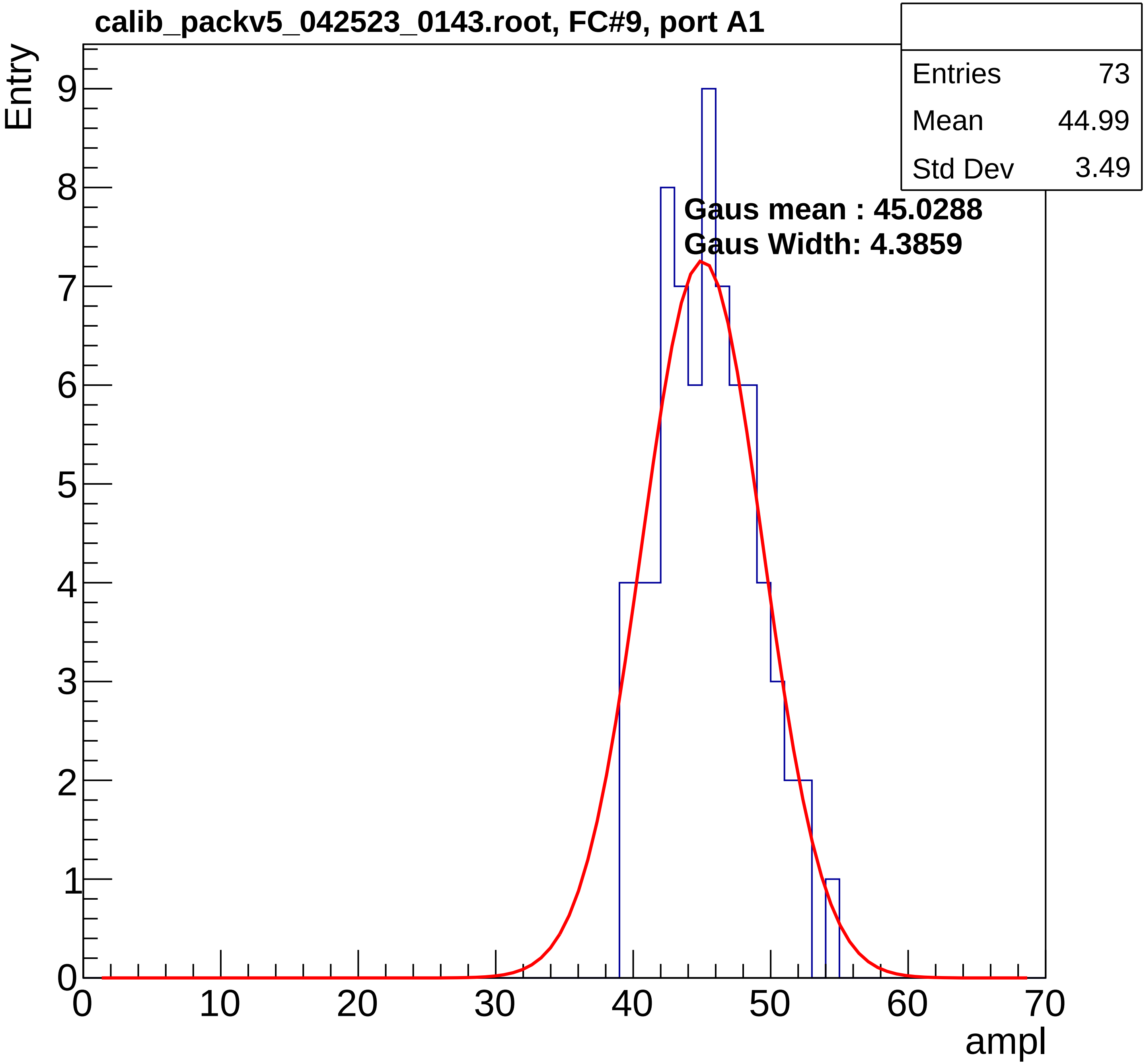

B0L001S, U21-ch126, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entry
Entries 15
Mean 57.53
Std Dev 15.44
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

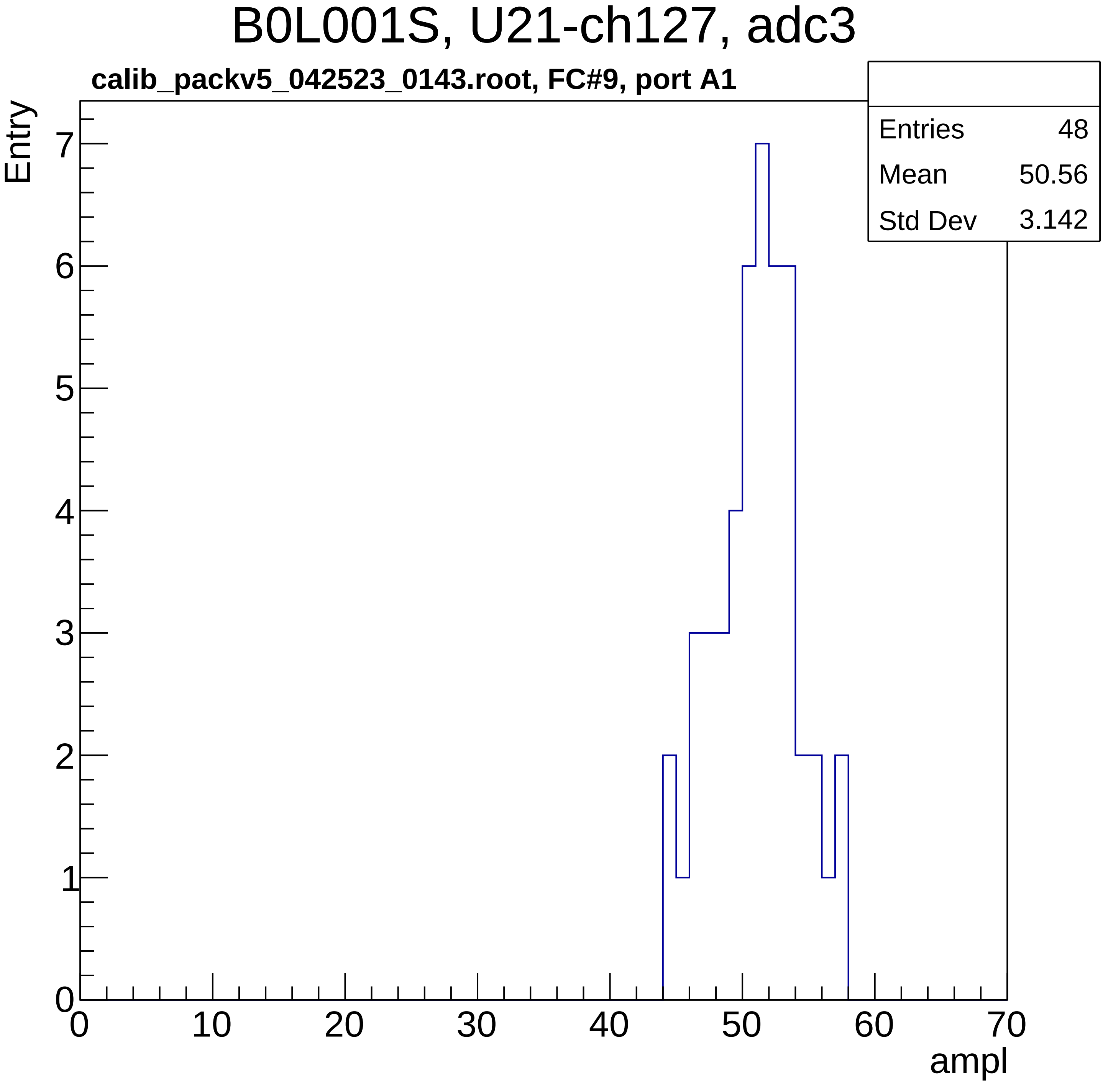

B0L001S, U21-ch126, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U21-ch127, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 30.32
Std Dev 5.095
Gaus mean : 31.8598
Gaus Width: 4.2701
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

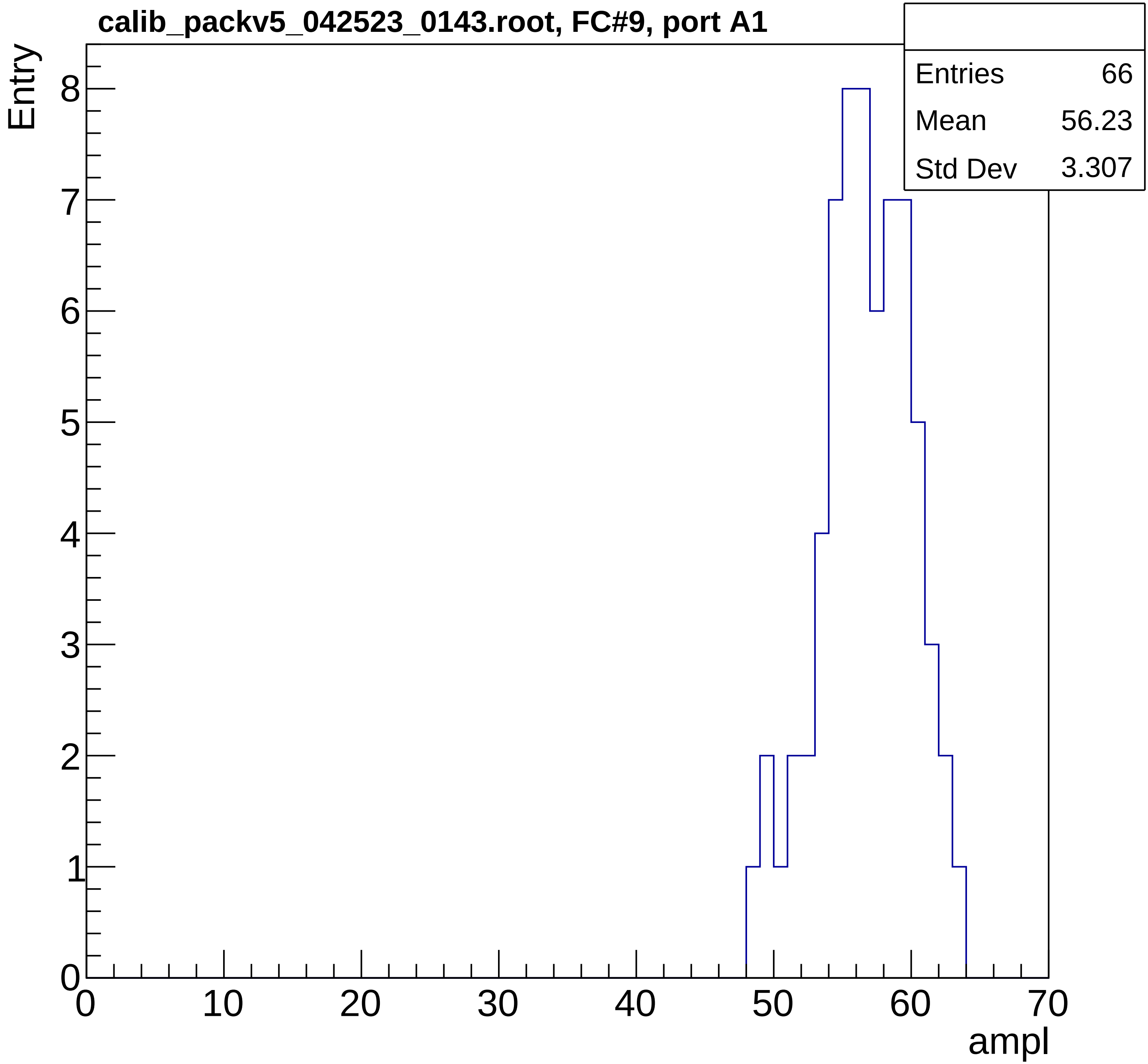

B0L001S, U21-ch127, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 37.85
Std Dev 3.23
Gaus mean : 38.0097
Gaus Width: 3.7455
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

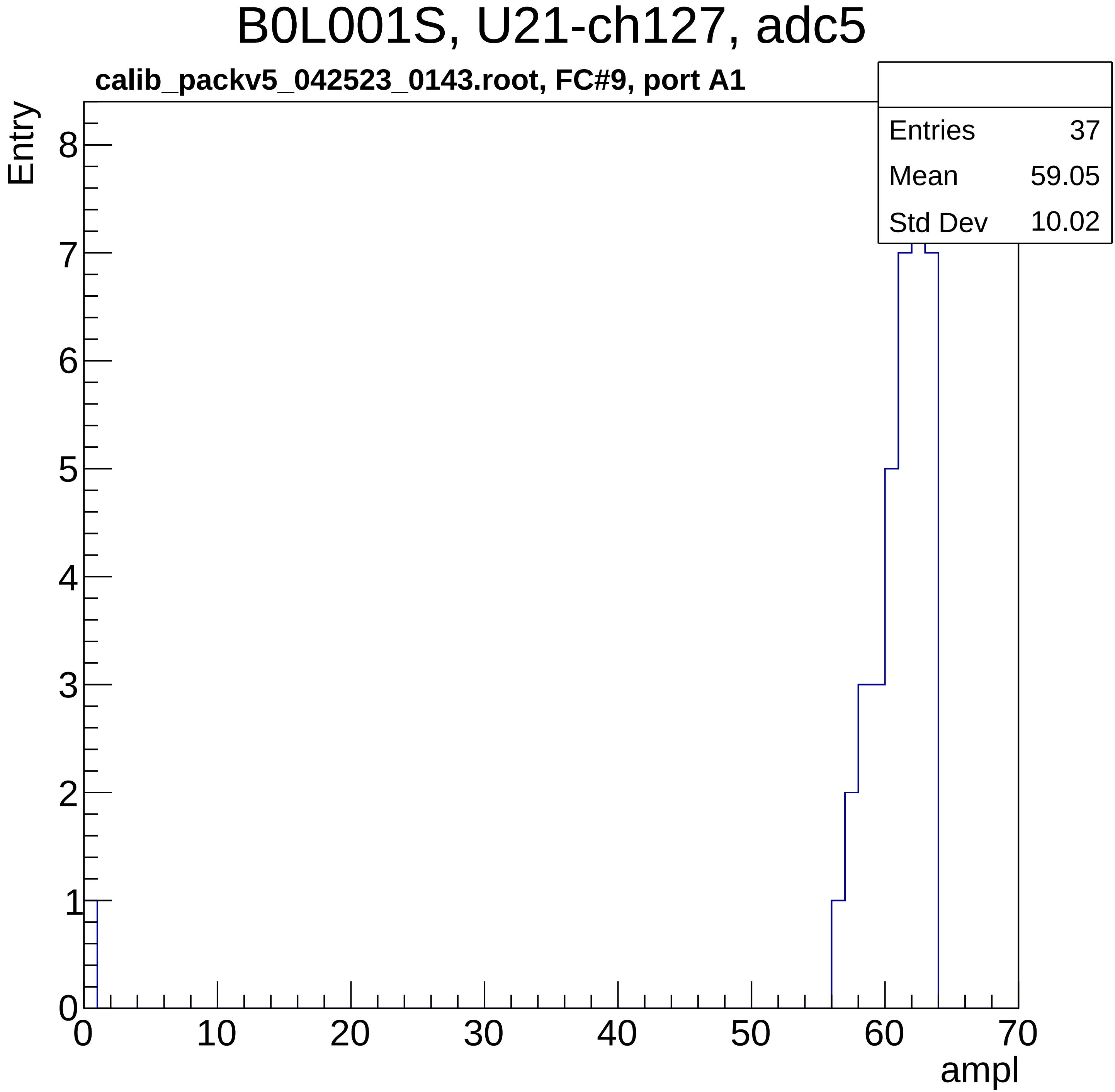
B0L001S, U21-ch127, adc2




B0L001S, U21-ch127, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 50.56
Std Dev 3.142
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

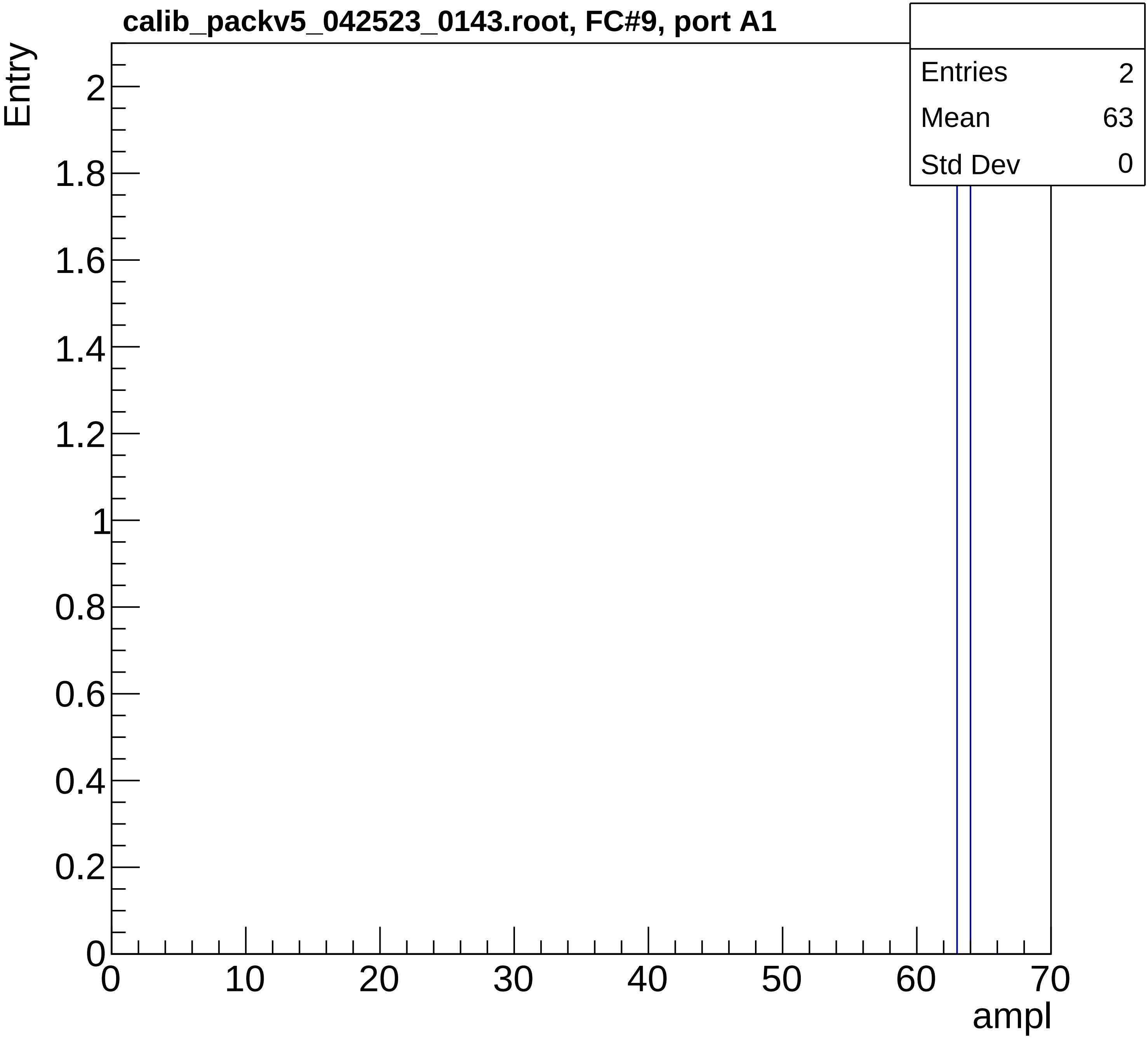
B0L001S, U21-ch127, adc4




B0L001S, U21-ch127, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 59.05
Std Dev 10.02
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

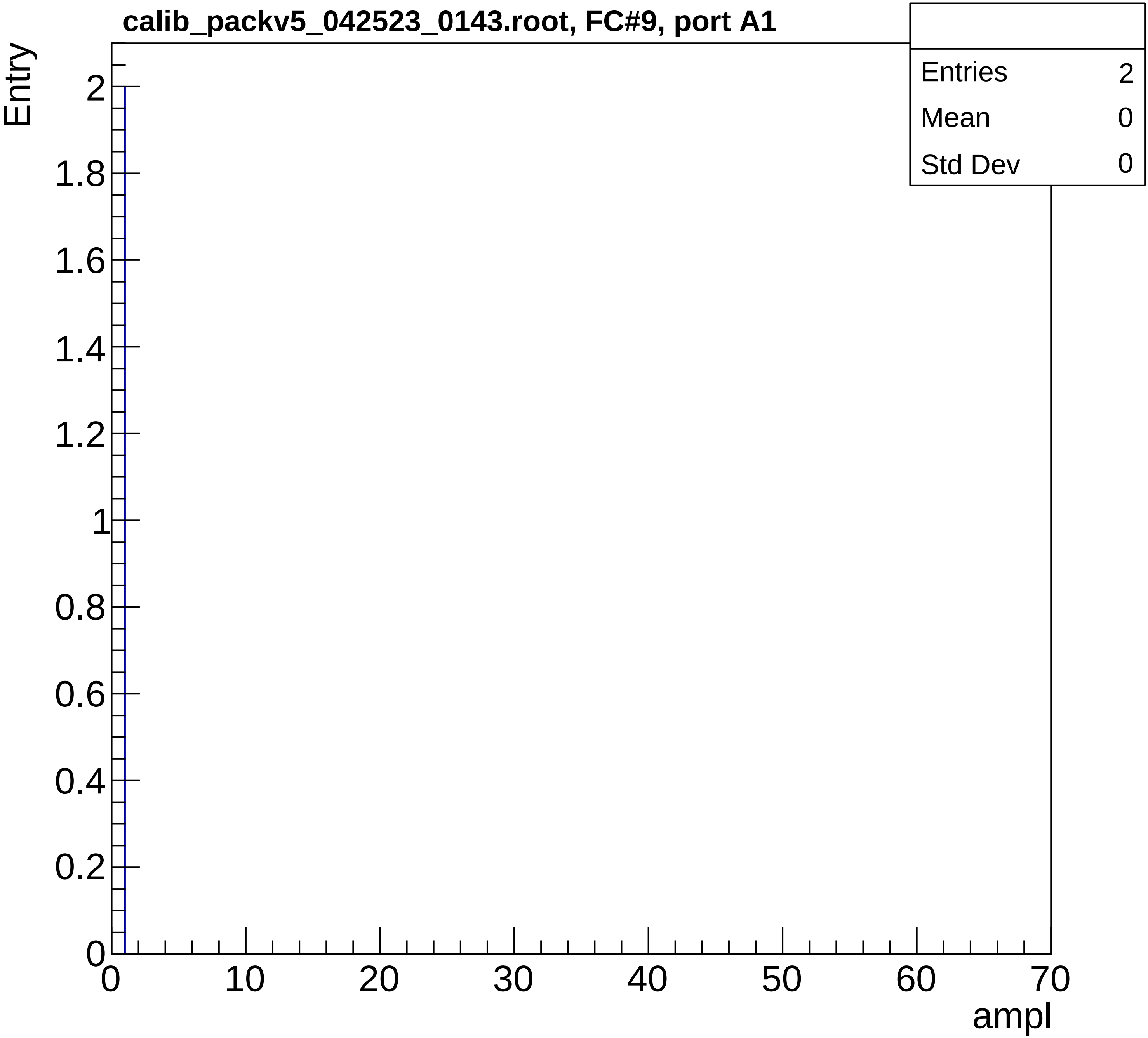
B0L001S, U21-ch127, adc6

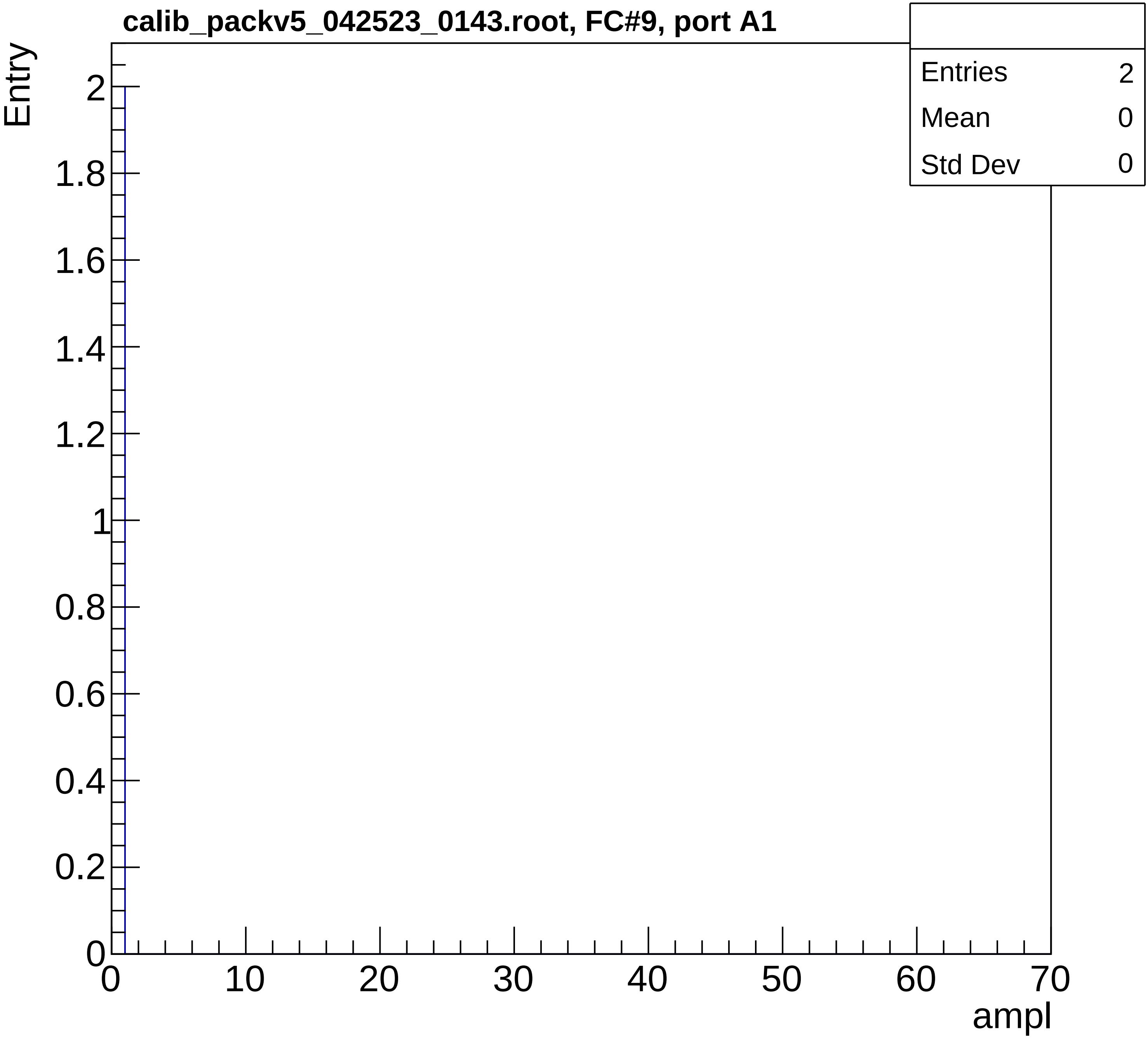
calib_packv5_042523_0143.root, FC#9, port A1



B0L001S, U21-ch127, adc7

calib_packv5_042523_0143.root, FC#9, port A1



B0L001S, U21-ch127, adc7