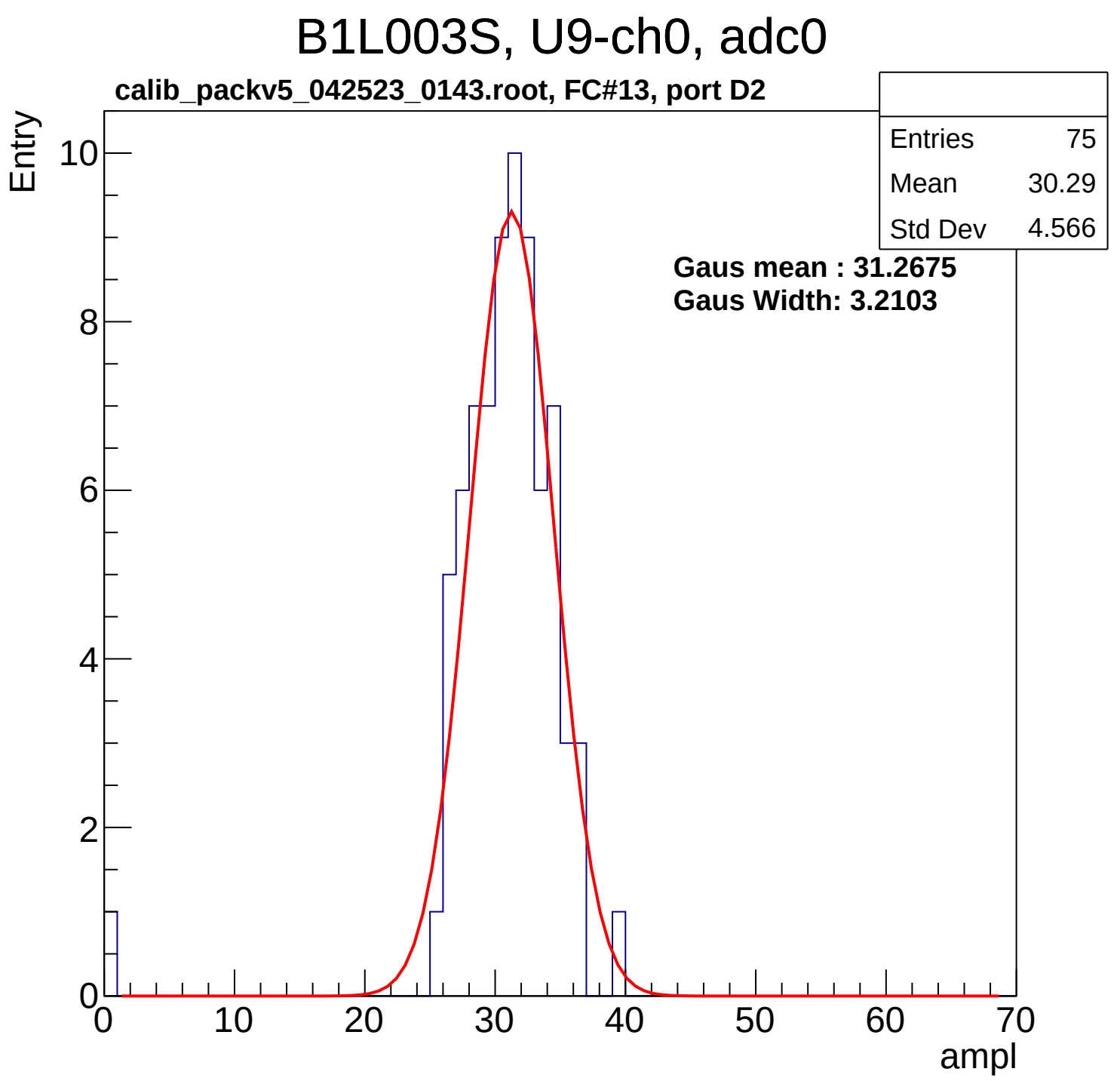
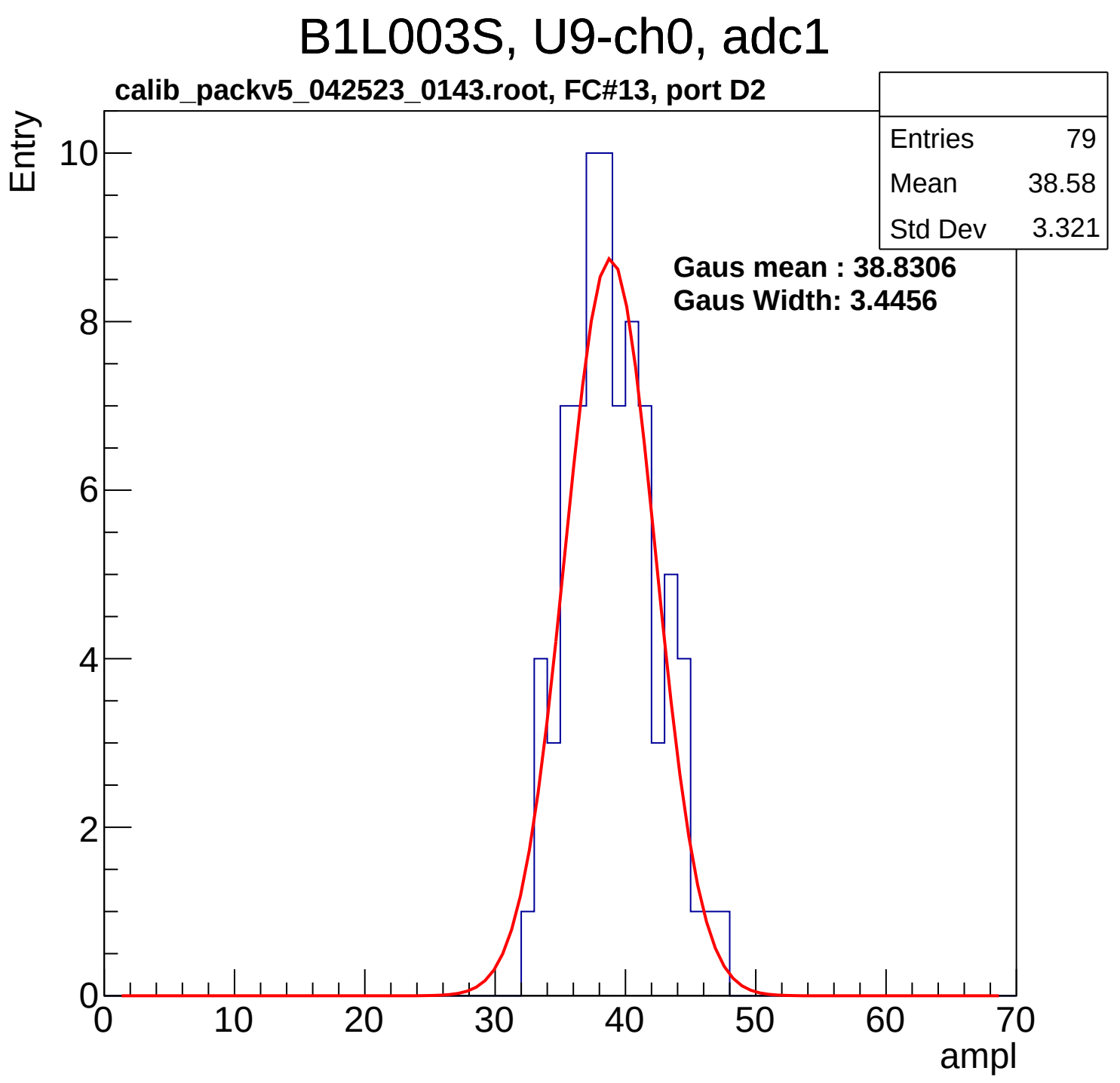

B1L003S, U9-ch0, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 30.29
Std Dev 4.566
Gaus mean : 31.2675
Gaus Width: 3.2103
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch0, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 38.58
Std Dev 3.321
Gaus mean : 38.8306
Gaus Width: 3.4456
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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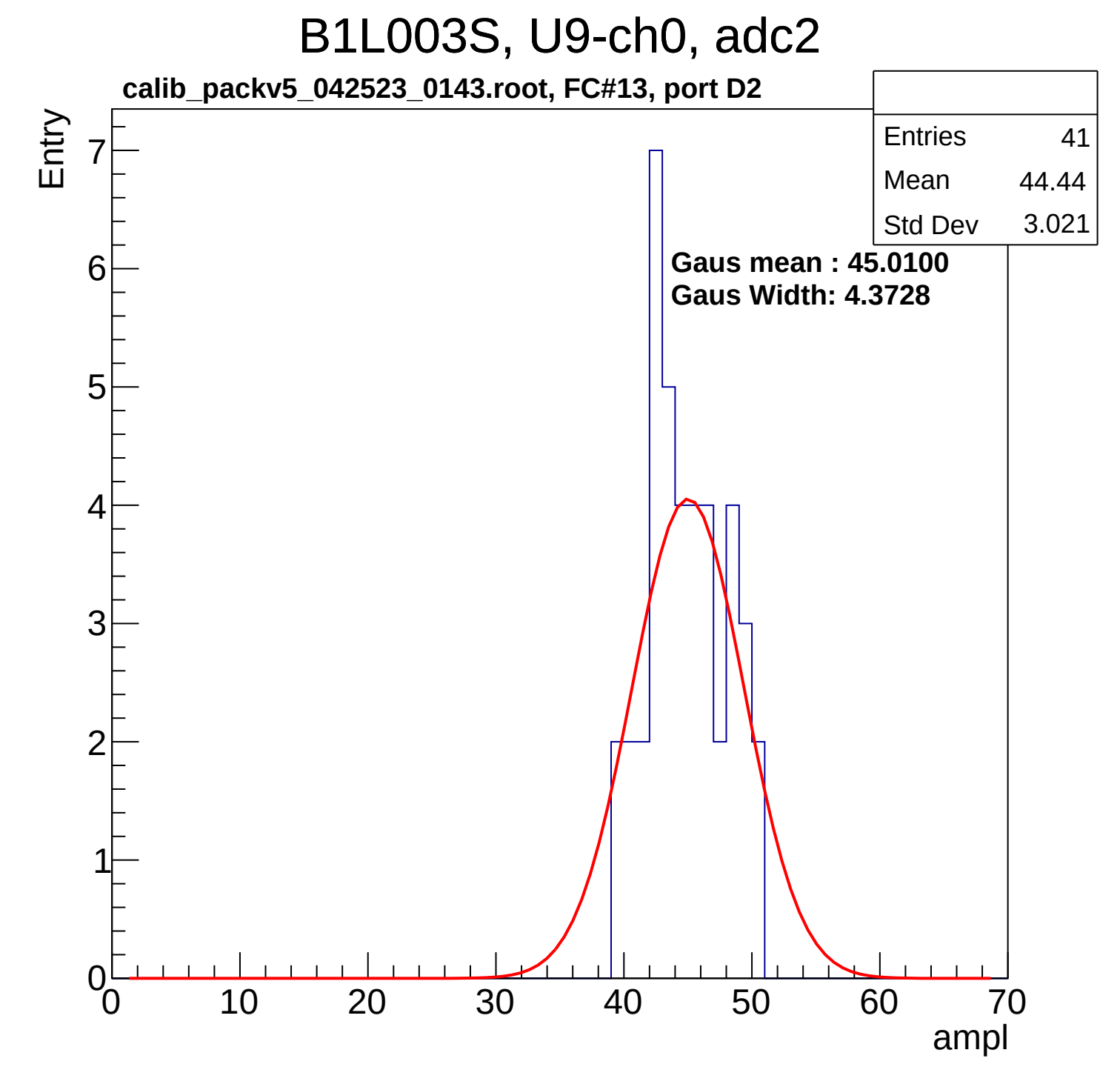
B1L003S, U9-ch0, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 44.44
Std Dev 3.021
Gaus mean : 45.0100
Gaus Width: 4.3728
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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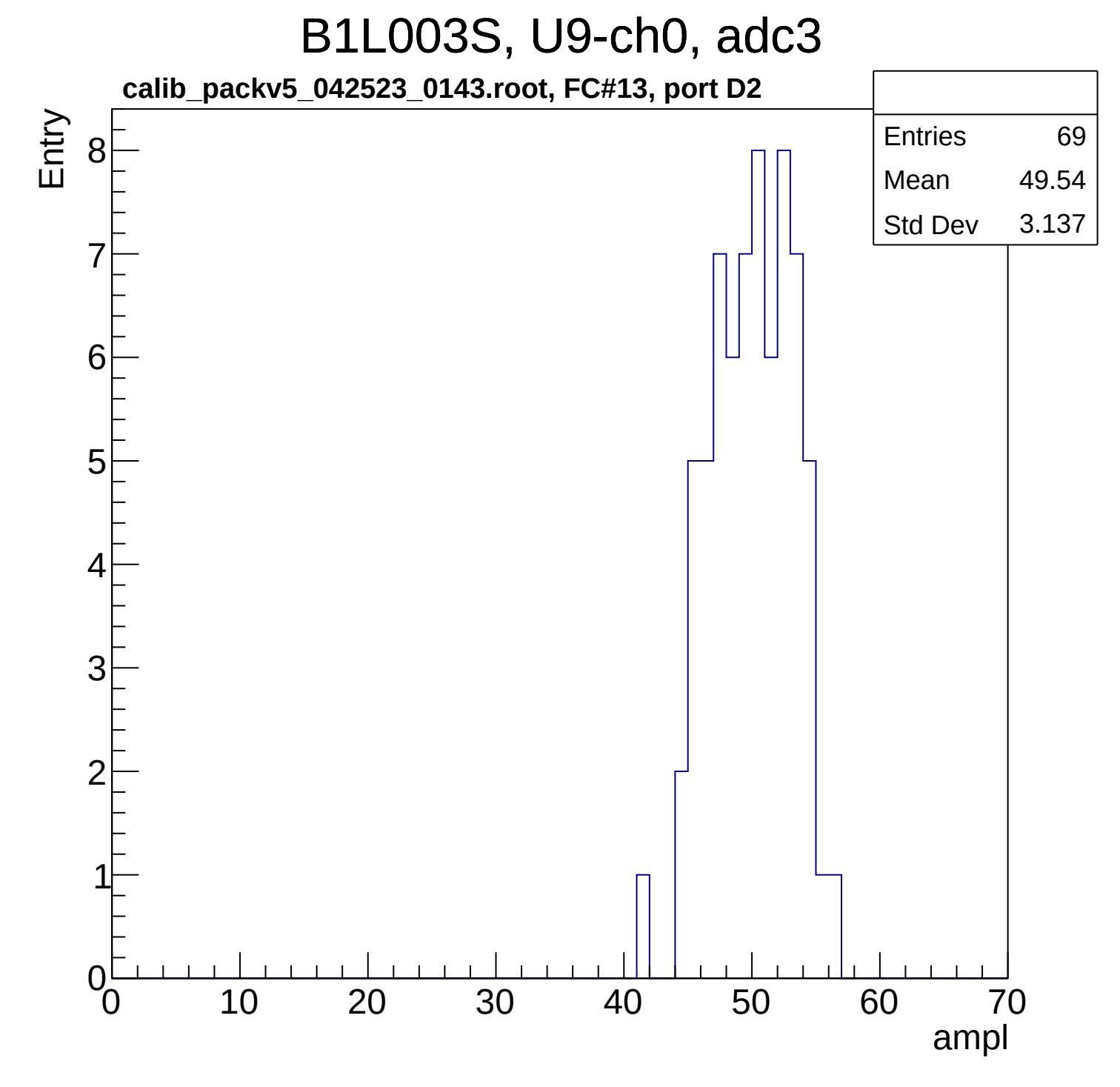
B1L003S, U9-ch0, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 49.54
Std Dev 3.137
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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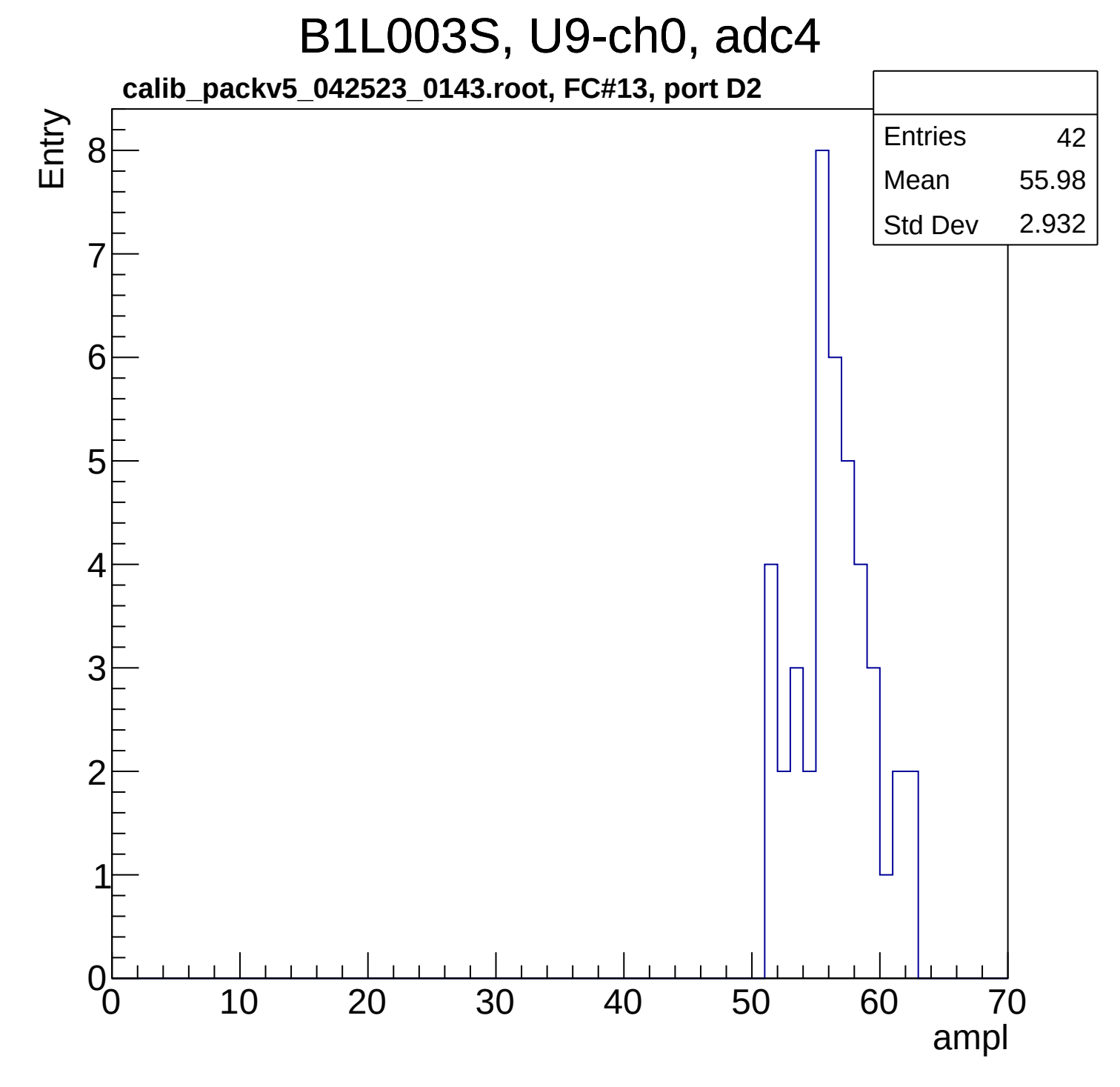
B1L003S, U9-ch0, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 55.98
Std Dev 2.932
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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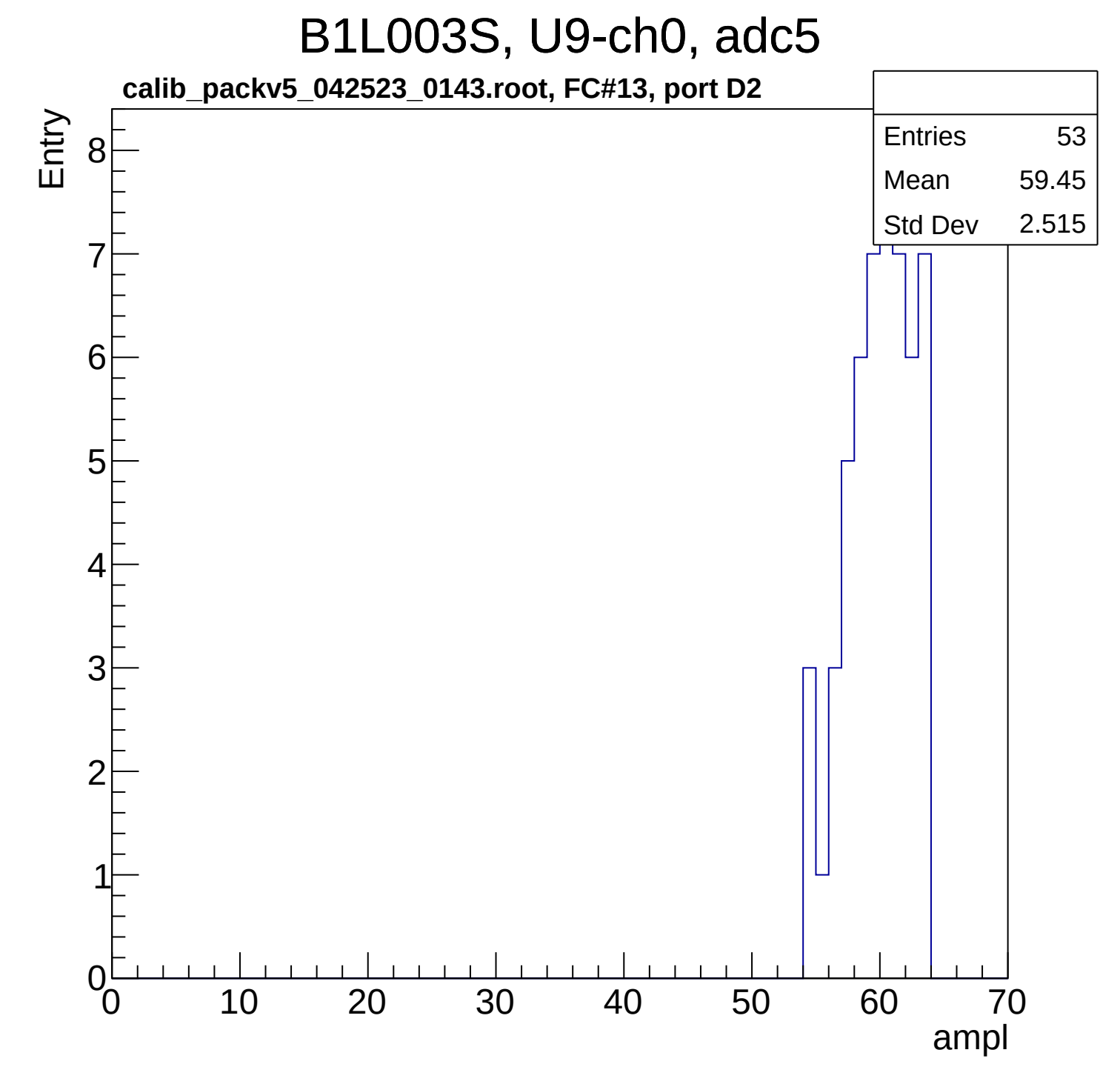
B1L003S, U9-ch0, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 59.45
Std Dev 2.515
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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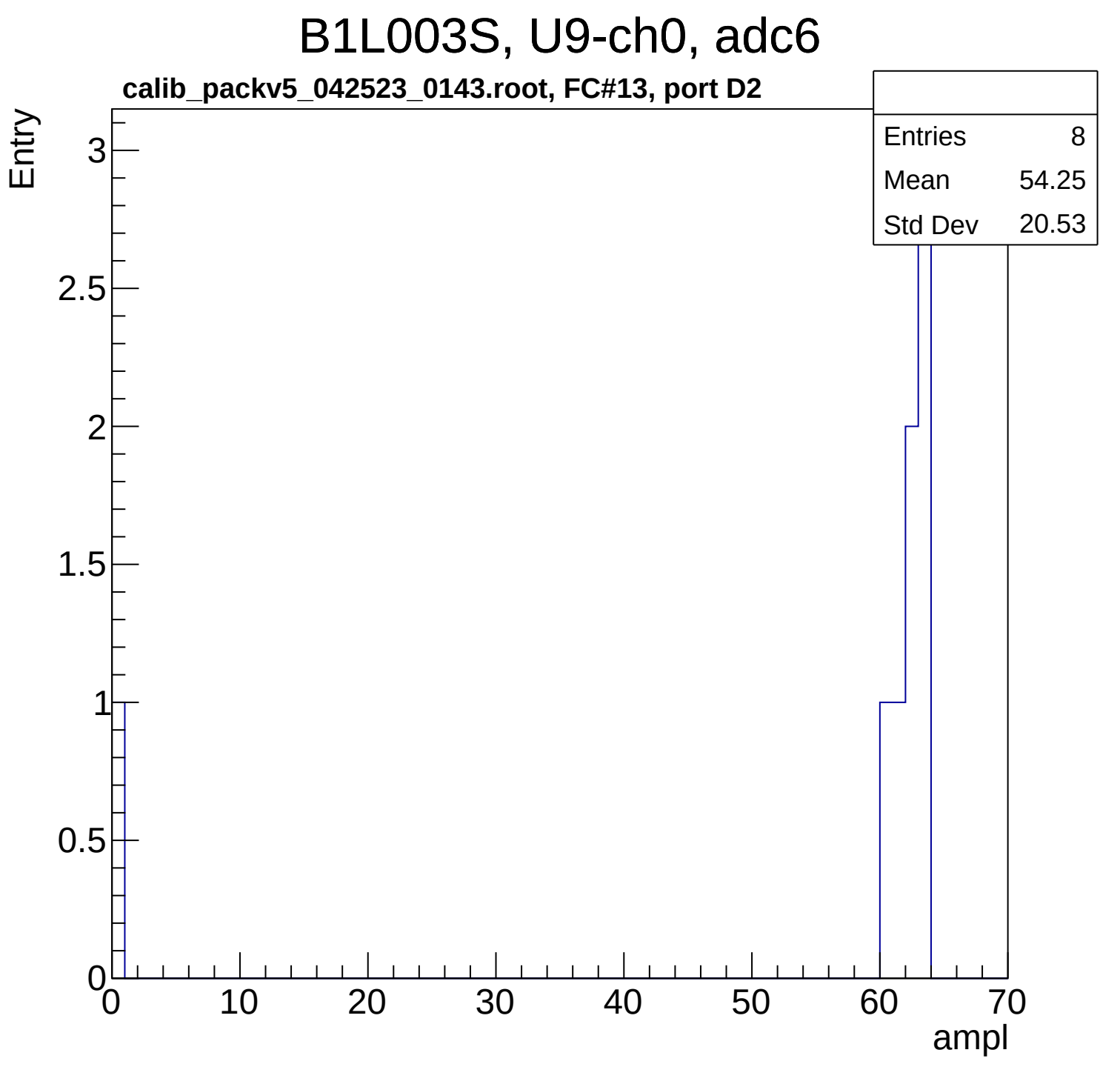
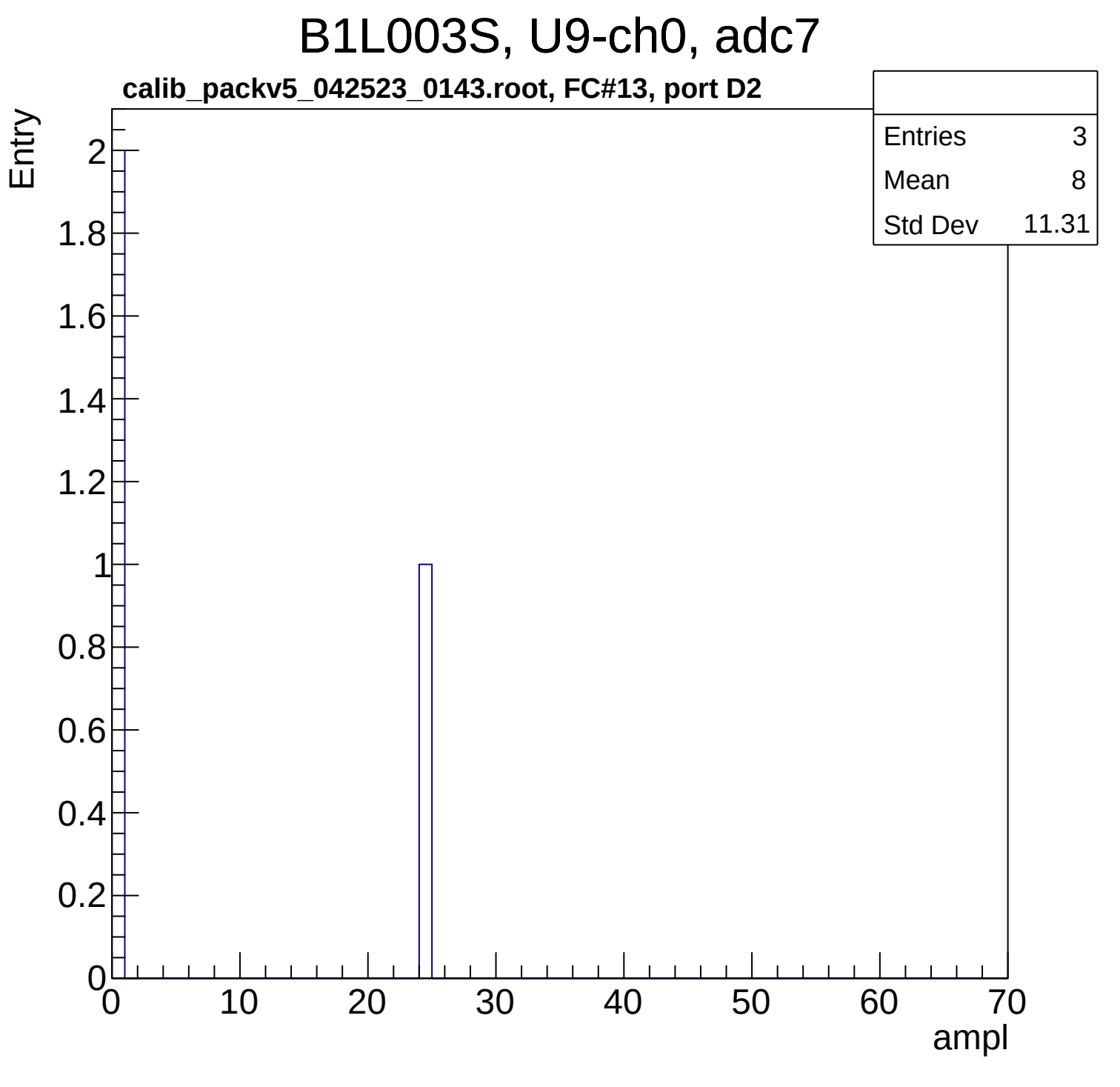

B1L003S, U9-ch0, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 54.25
Std Dev 20.53
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch0, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 8
Std Dev 11.31
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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40
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60
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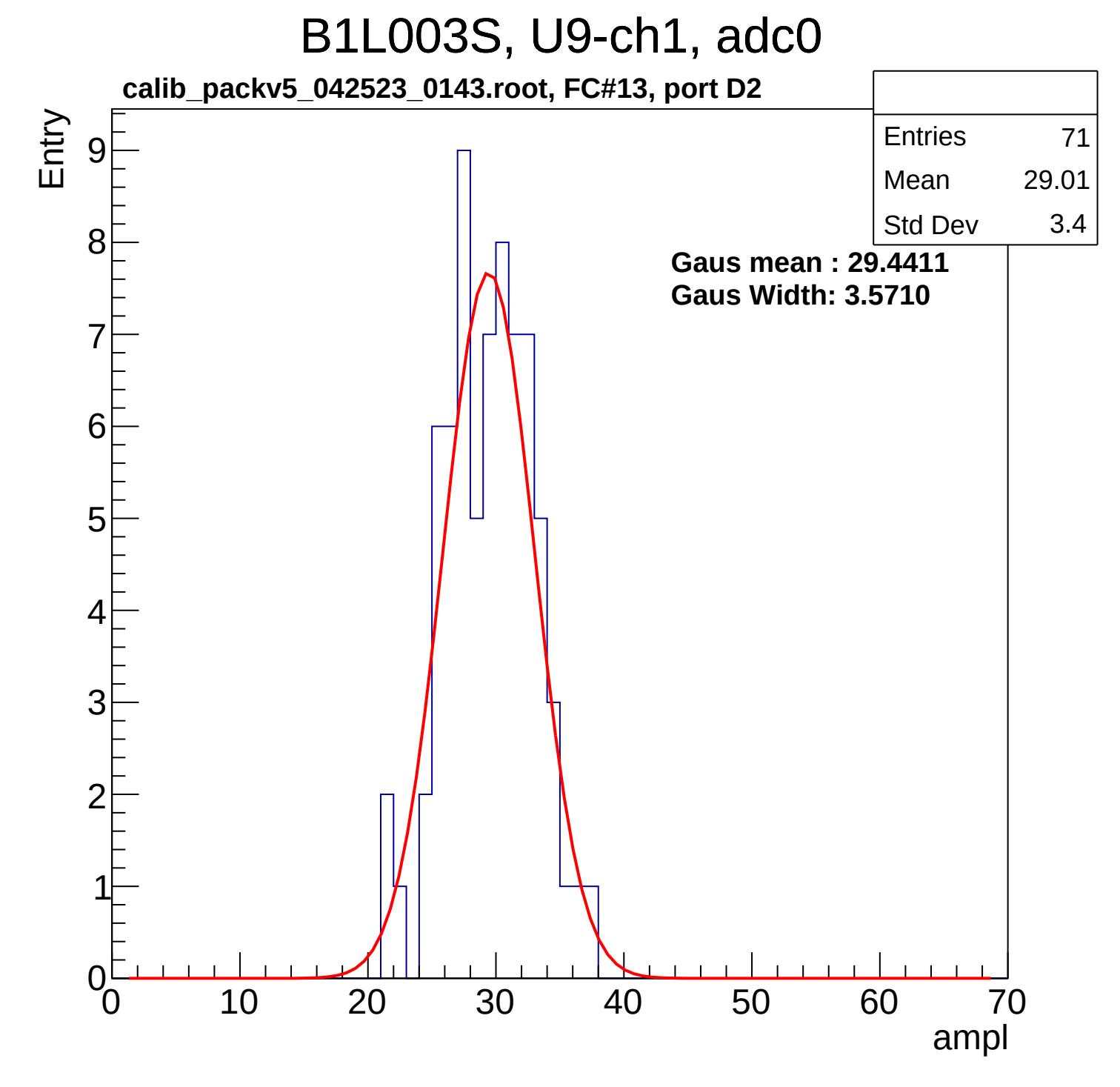
B1L003S, U9-ch1, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 29.01
Std Dev 3.4
Gaus mean : 29.4411
Gaus Width: 3.5710
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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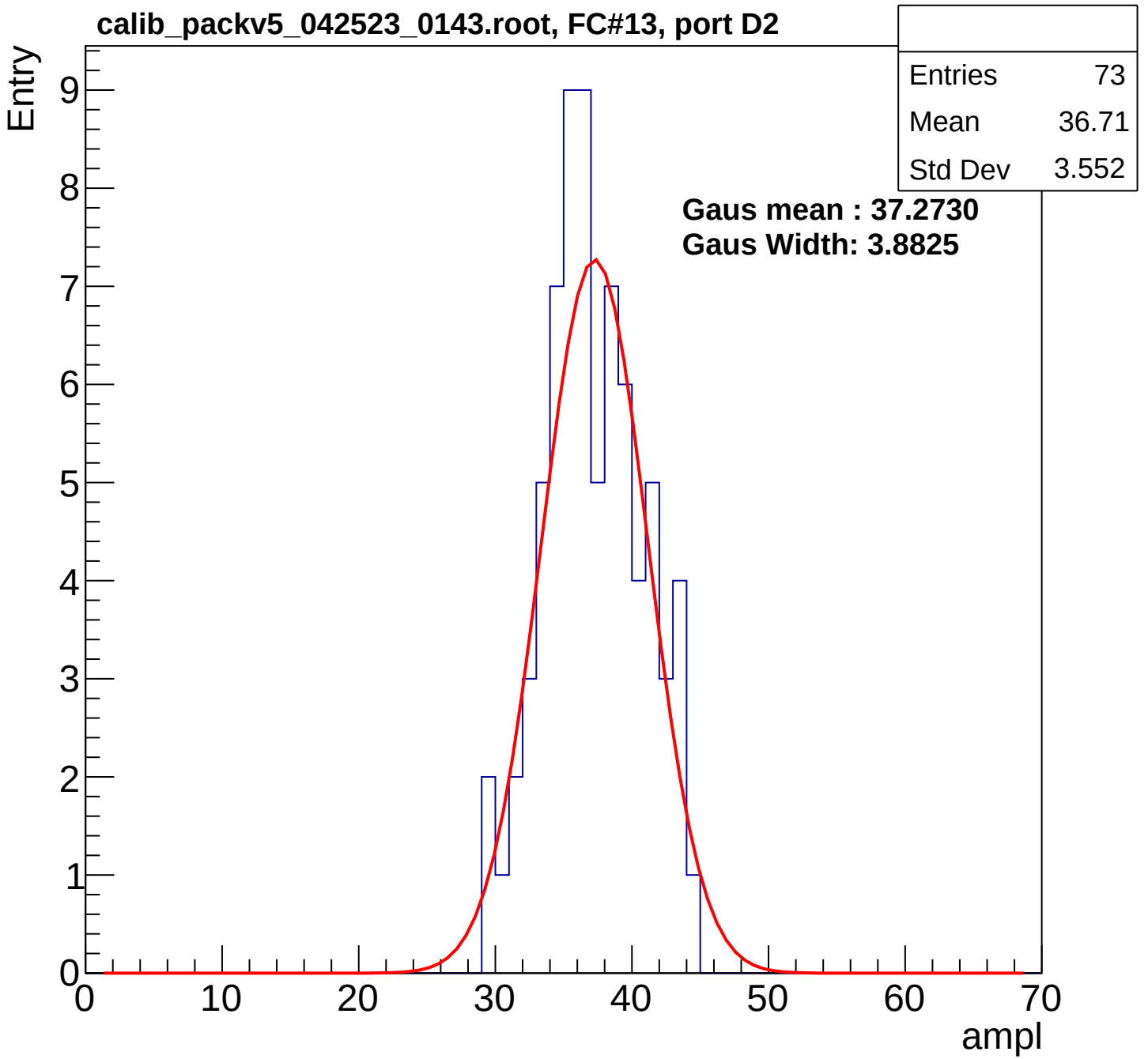
B1L003S, U9-ch1, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 36.71
Std Dev 3.552
Gaus mean : 37.2730
Gaus Width: 3.8825
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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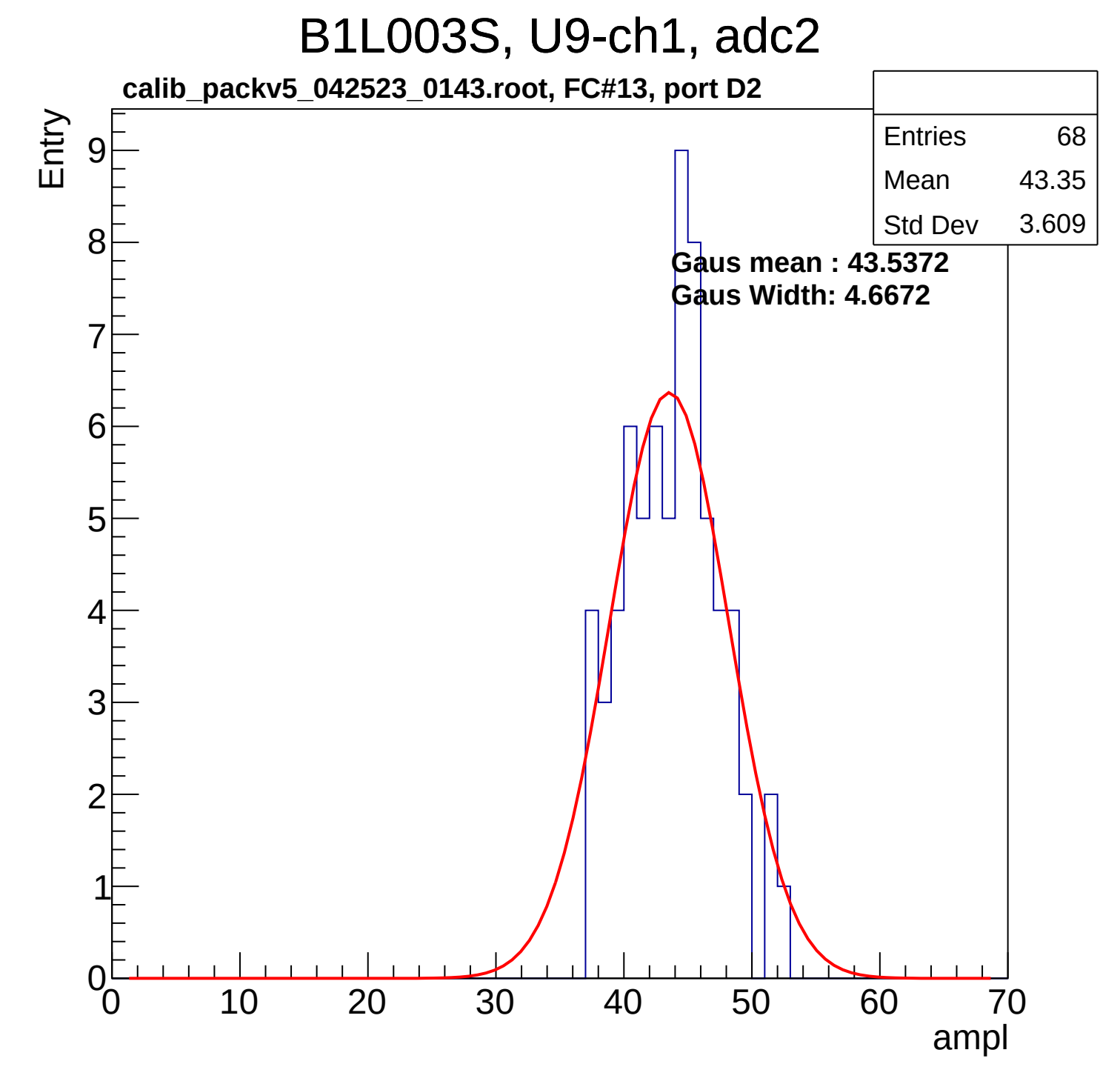
B1L003S, U9-ch1, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 43.35
Std Dev 3.609
Gaus mean : 43.5372
Gaus Width: 4.6672
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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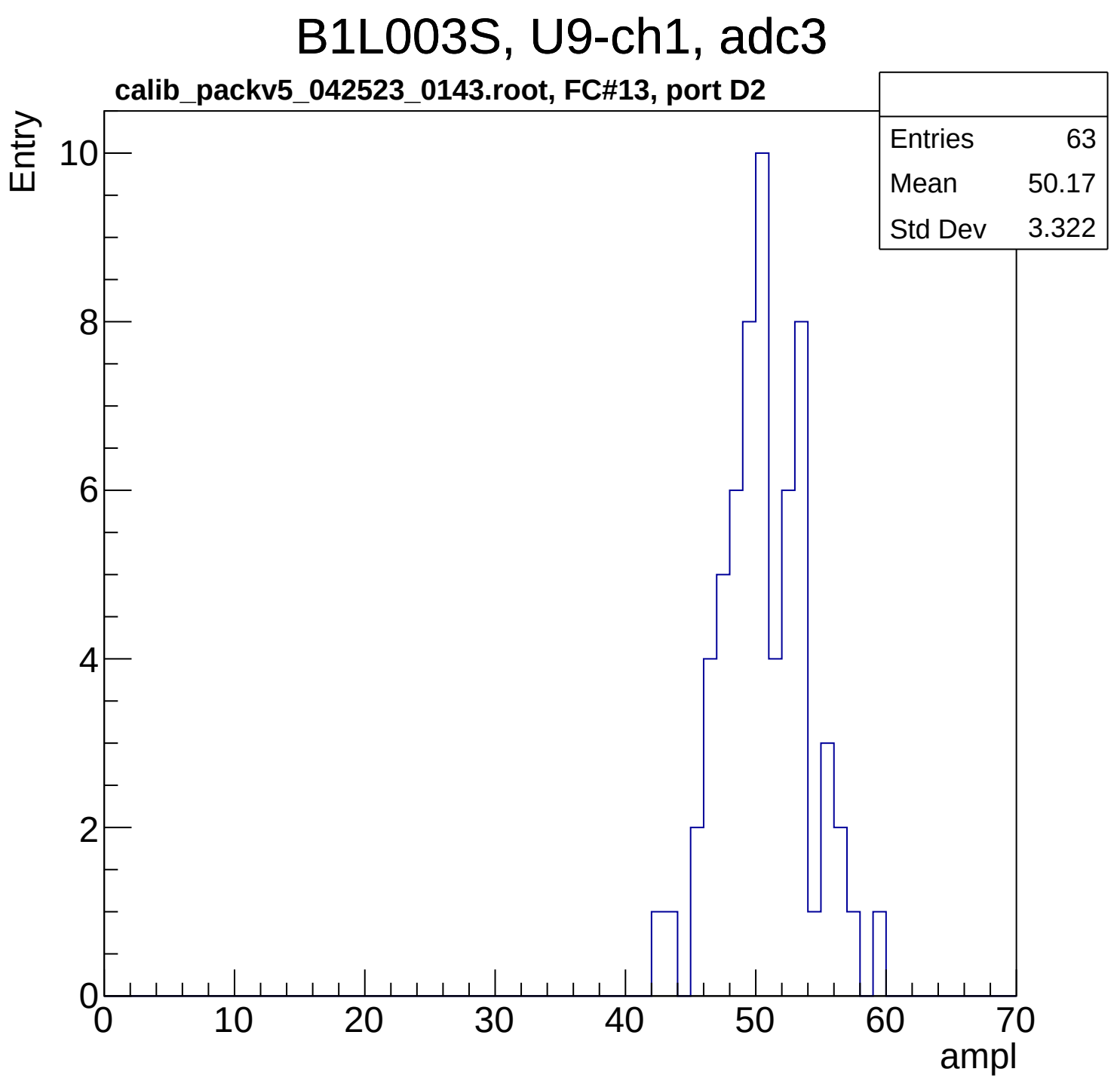
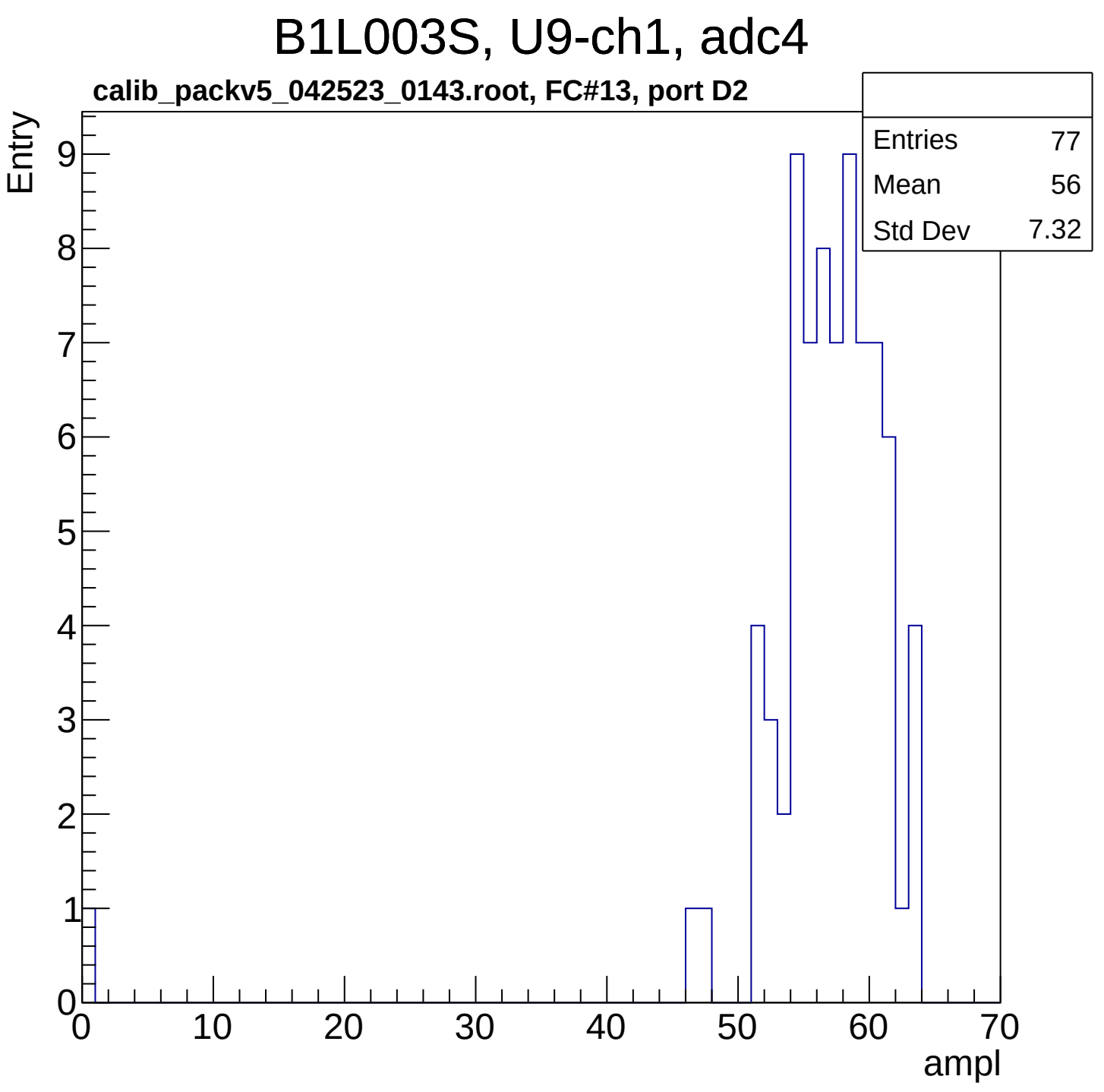

B1L003S, U9-ch1, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 50.17
Std Dev 3.322
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch1, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 56
Std Dev 7.32
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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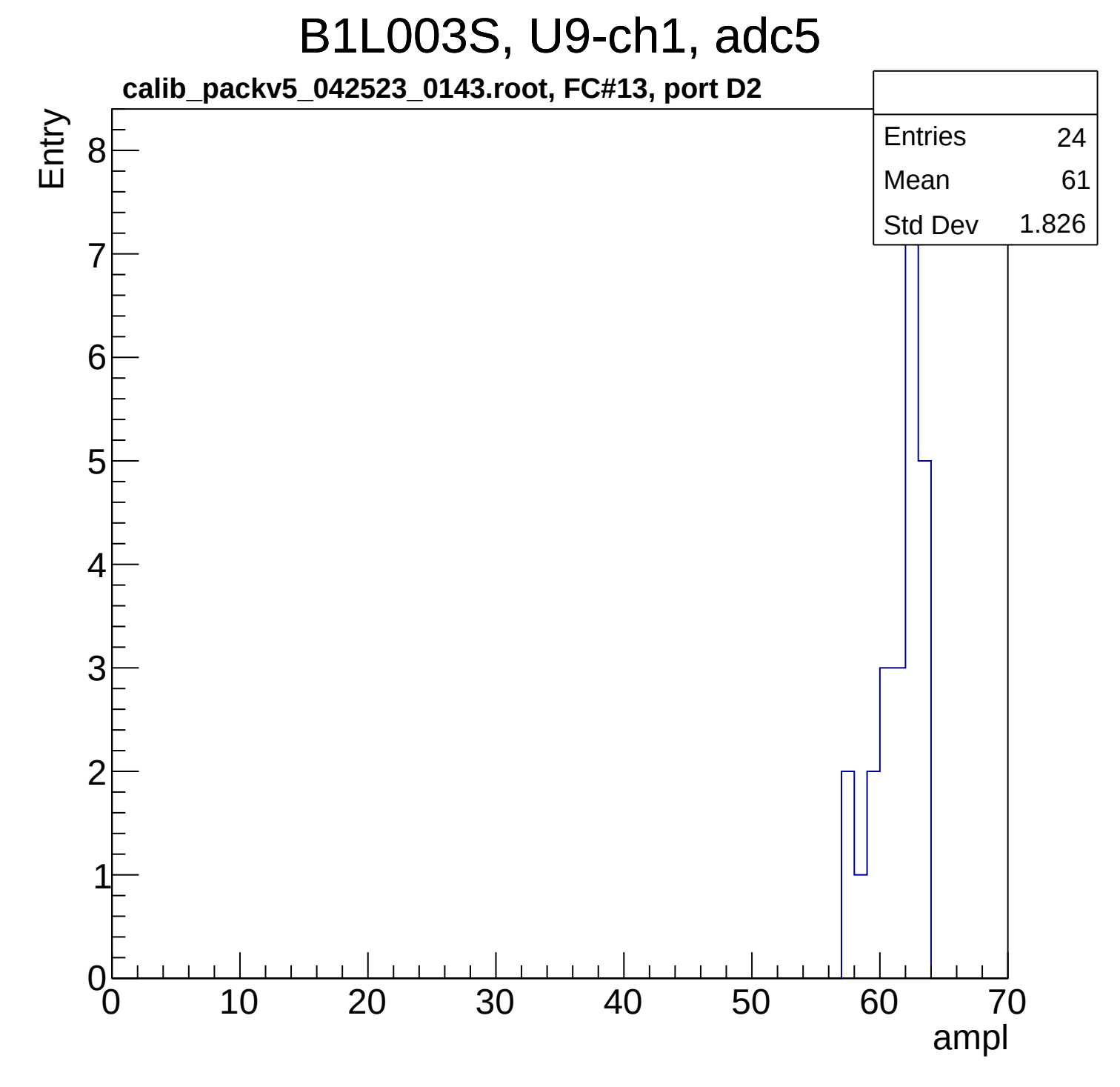
B1L003S, U9-ch1, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 24
Mean 61
Std Dev 1.826
Entry
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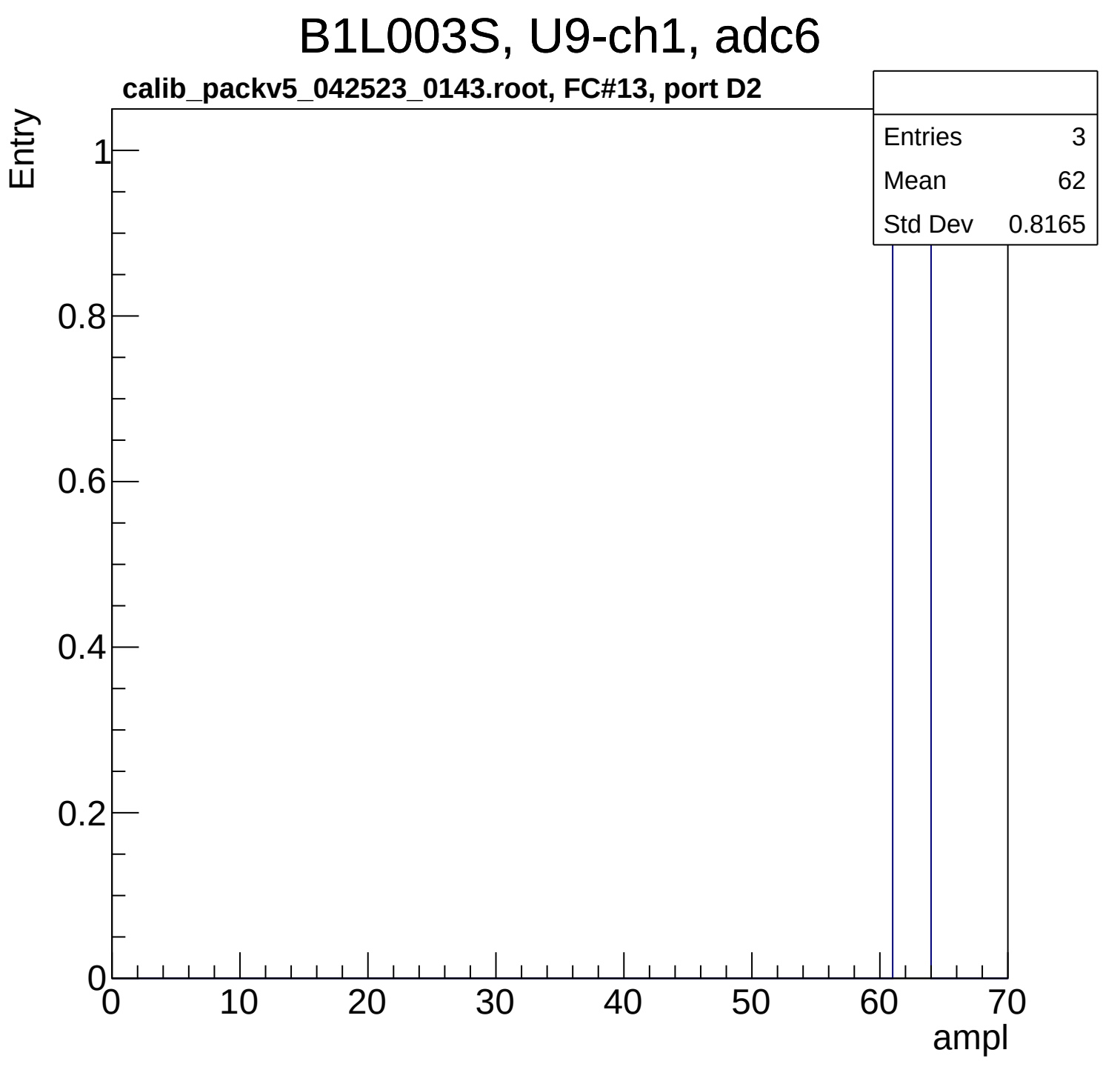
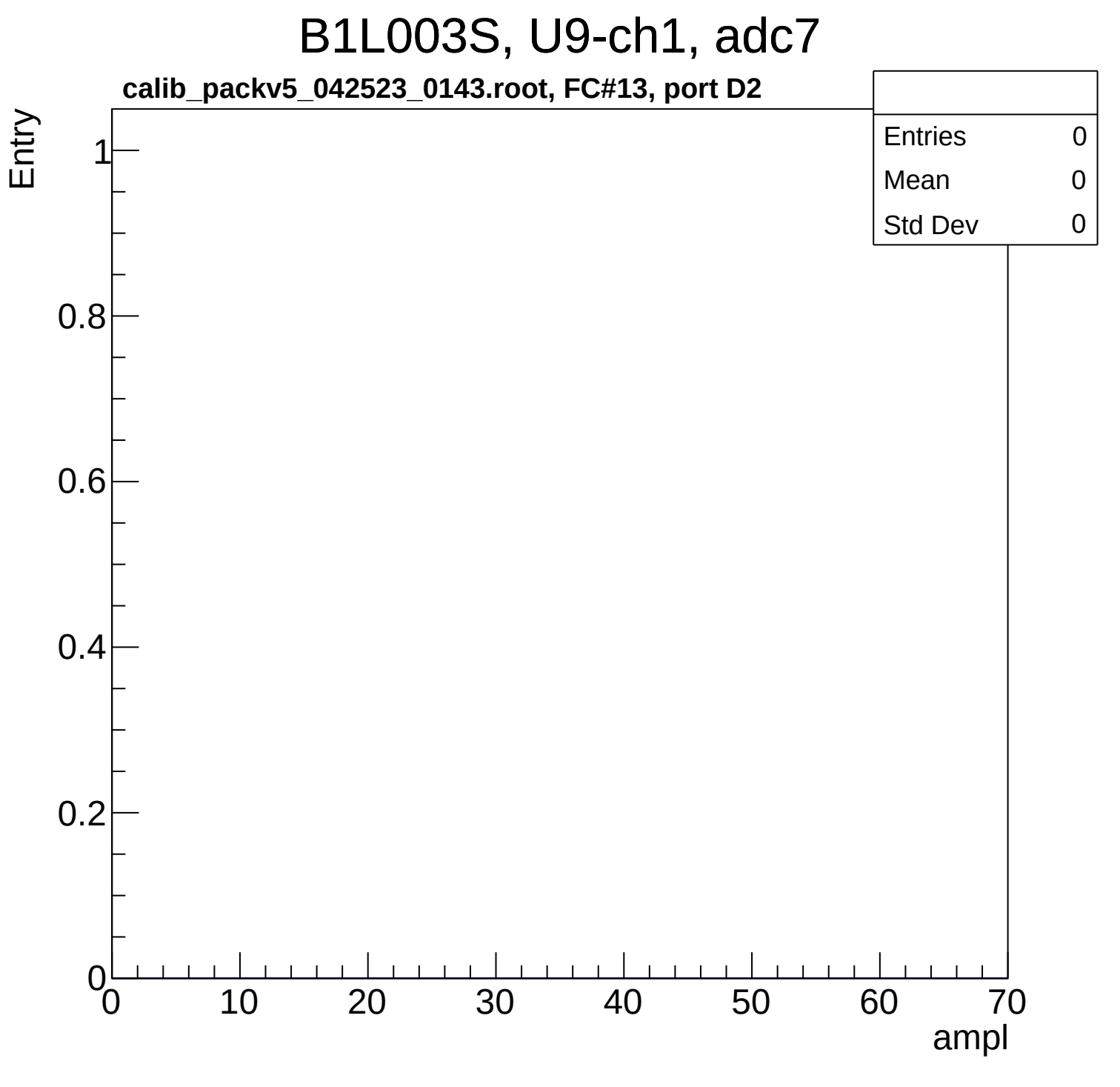
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch1, adc6
calib_packv5_042523_0143.root, FC#13, port D2
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


B1L003S, U9-ch1, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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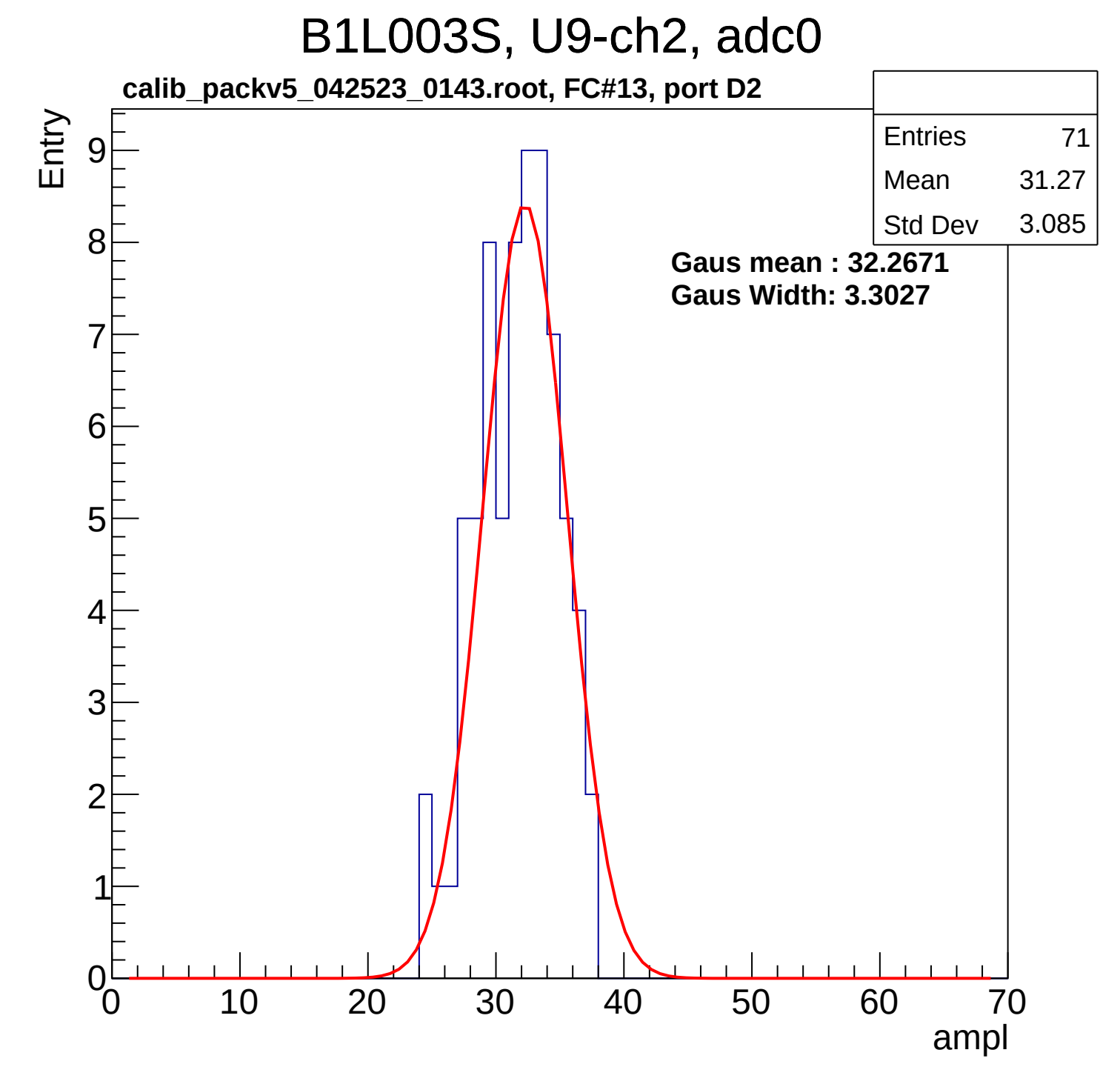
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch2, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 31.27
Std Dev 3.085
Gaus mean : 32.2671
Gaus Width: 3.3027
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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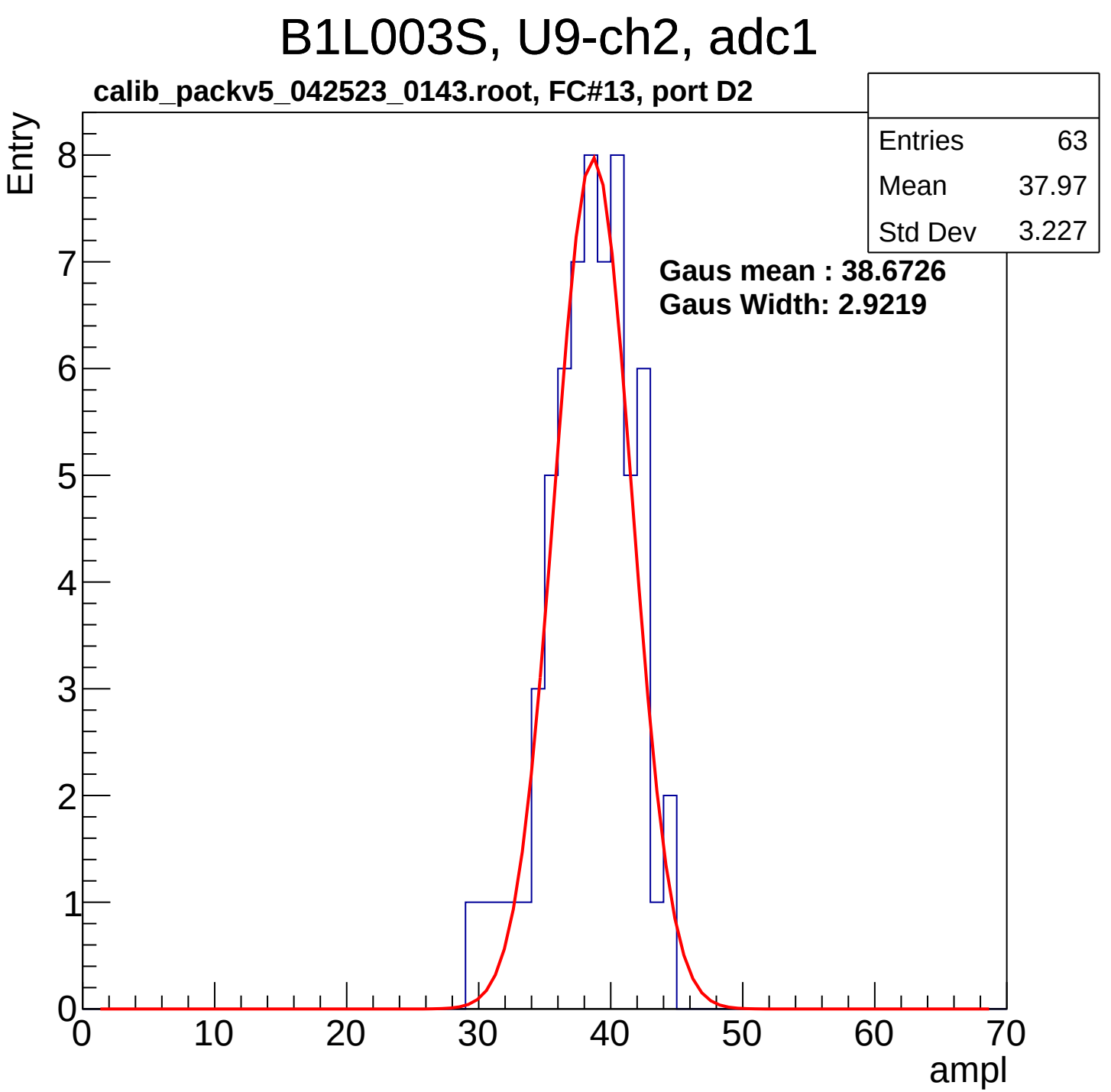
60
70


B1L003S, U9-ch2, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 37.97
Std Dev 3.227
Gaus mean : 38.6726
Gaus Width: 2.9219
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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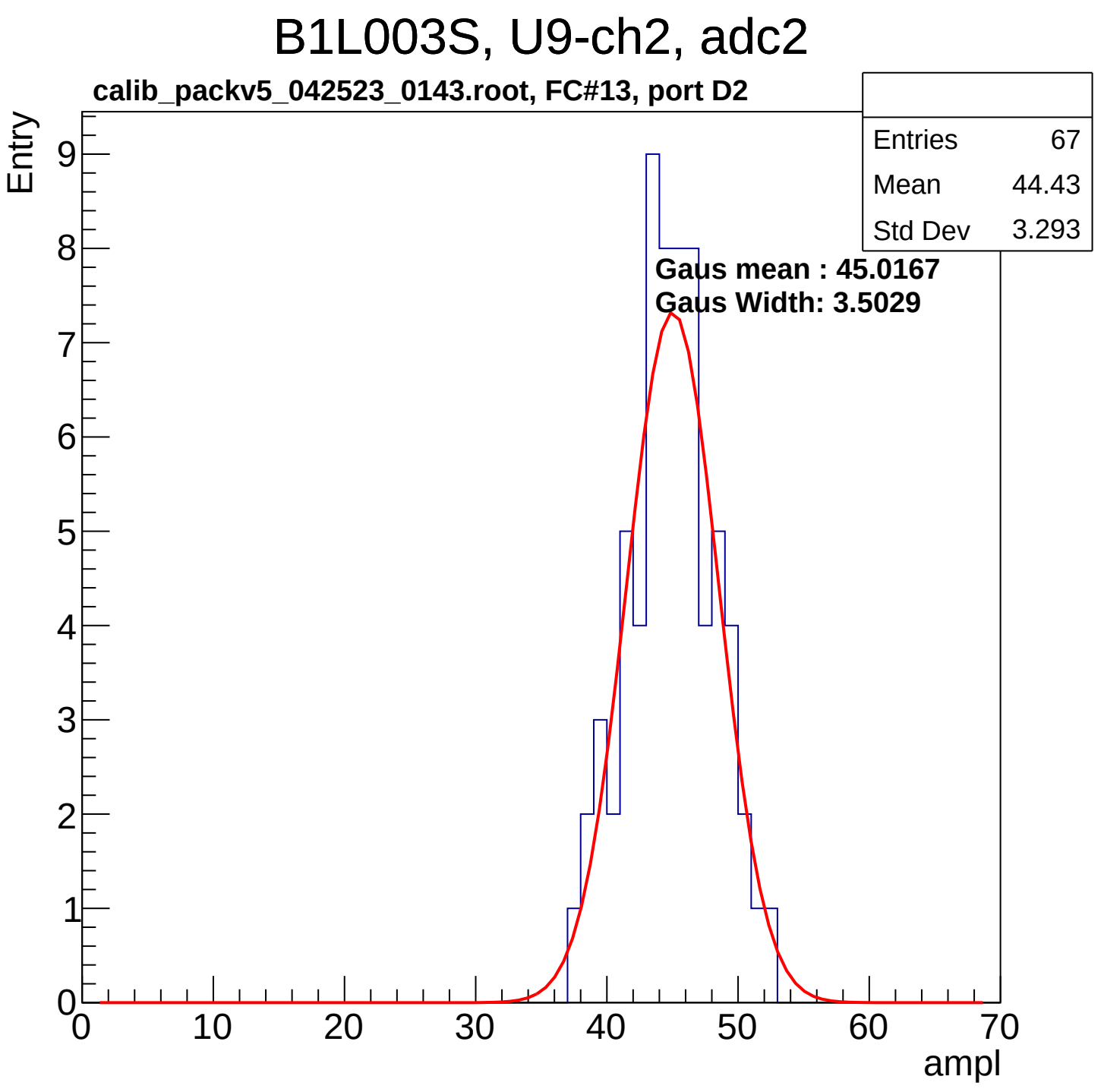
40
50
60
70


B1L003S, U9-ch2, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 44.43
Std Dev 3.293
Gaus mean : 45.0167
Gaus Width: 3.5029
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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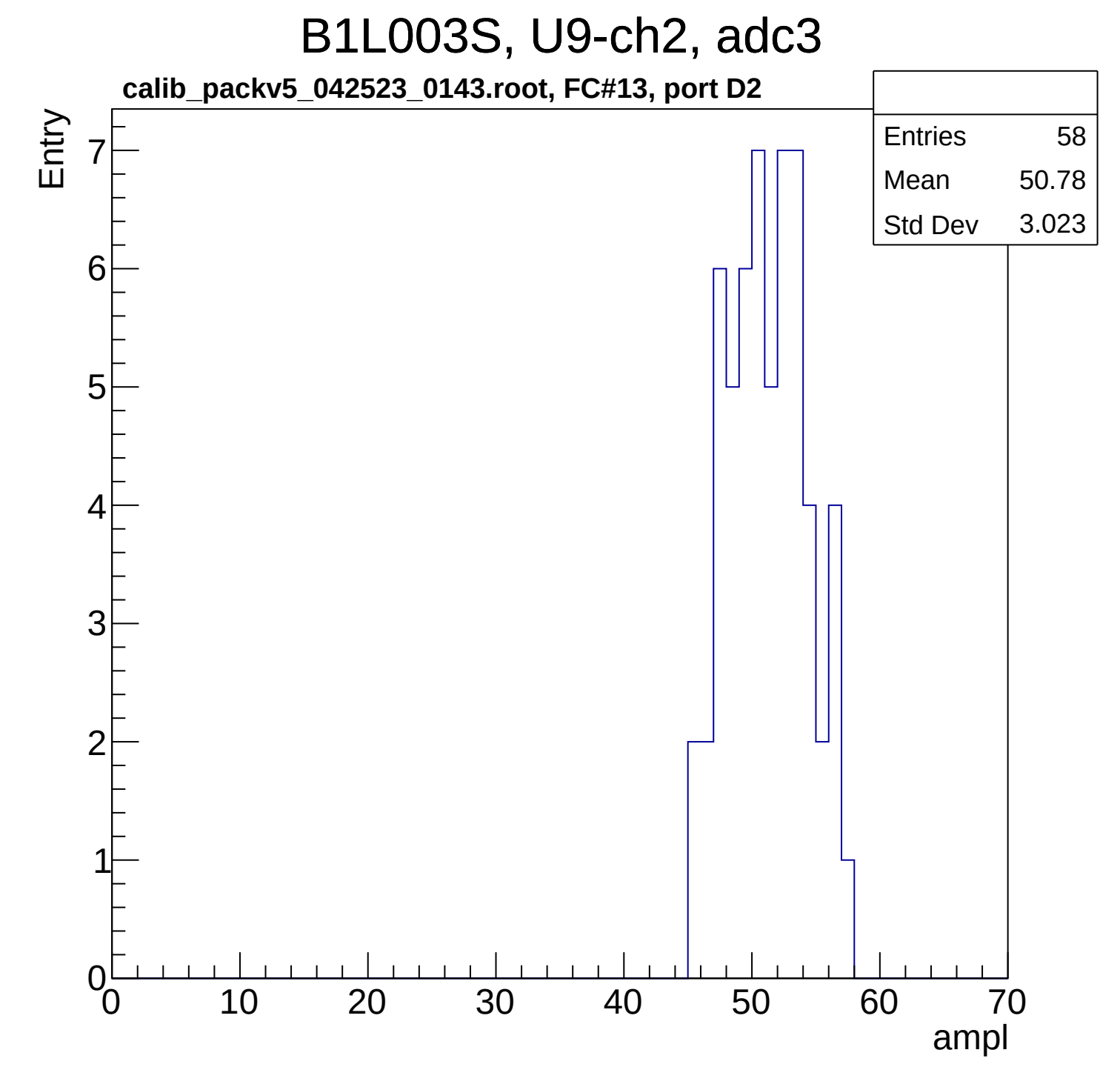
B1L003S, U9-ch2, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 50.78
Std Dev 3.023
Entry
ampl
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1
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4
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0
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60
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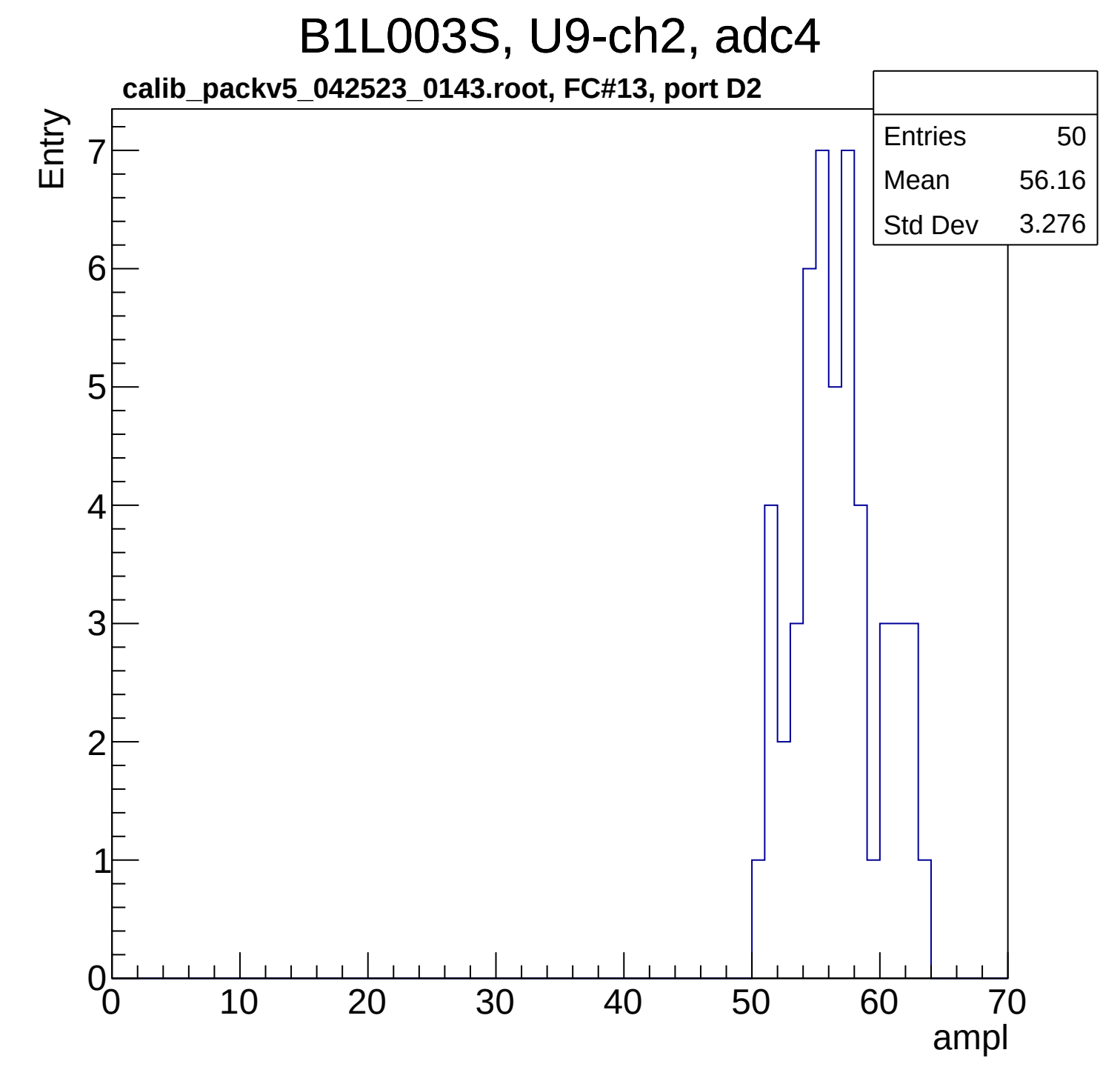
B1L003S, U9-ch2, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 56.16
Std Dev 3.276
Entry
ampl
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0
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60
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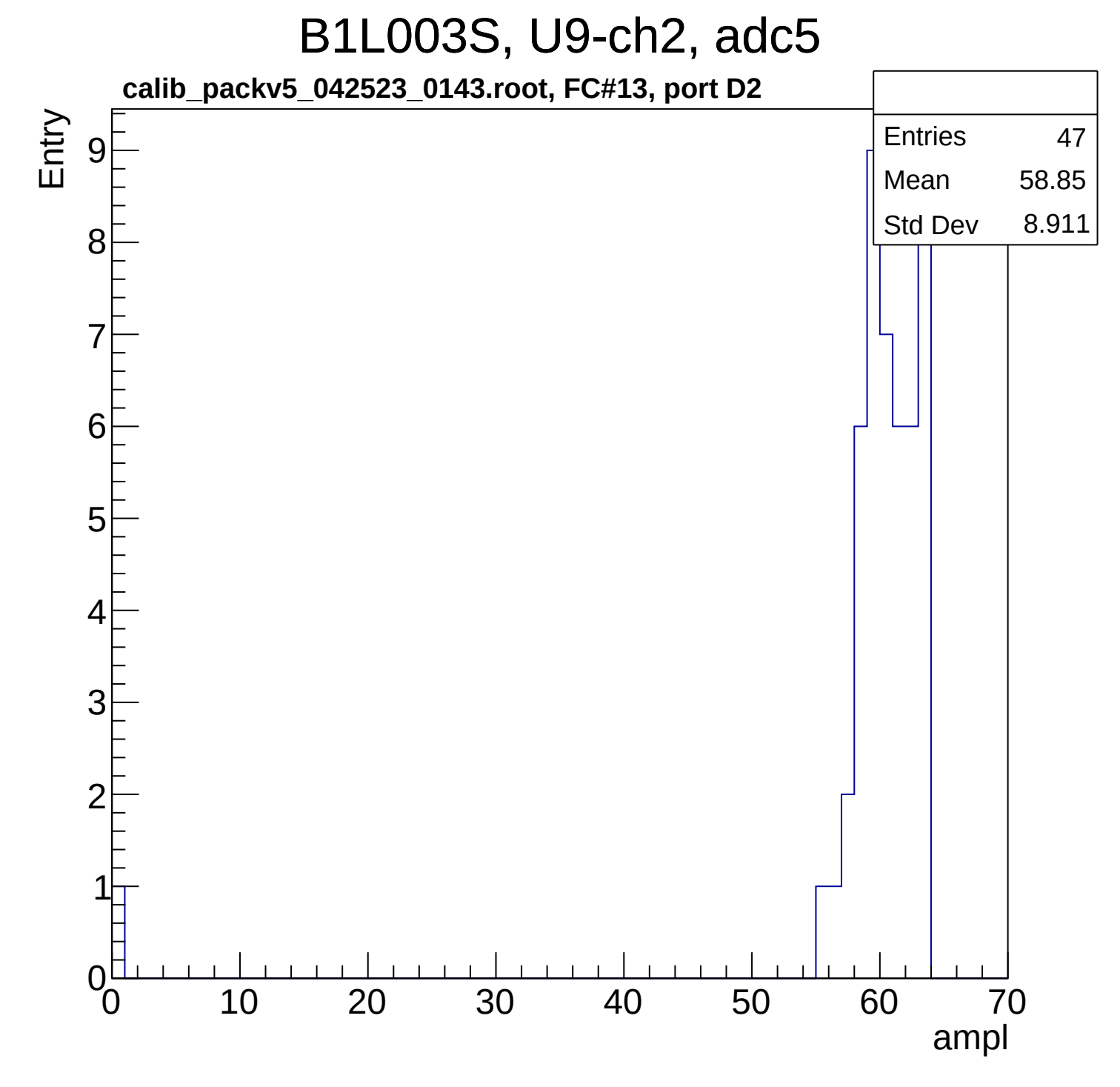
B1L003S, U9-ch2, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.85
Std Dev 8.911
Entry
ampl
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2
3
4
5
6
7
8
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0
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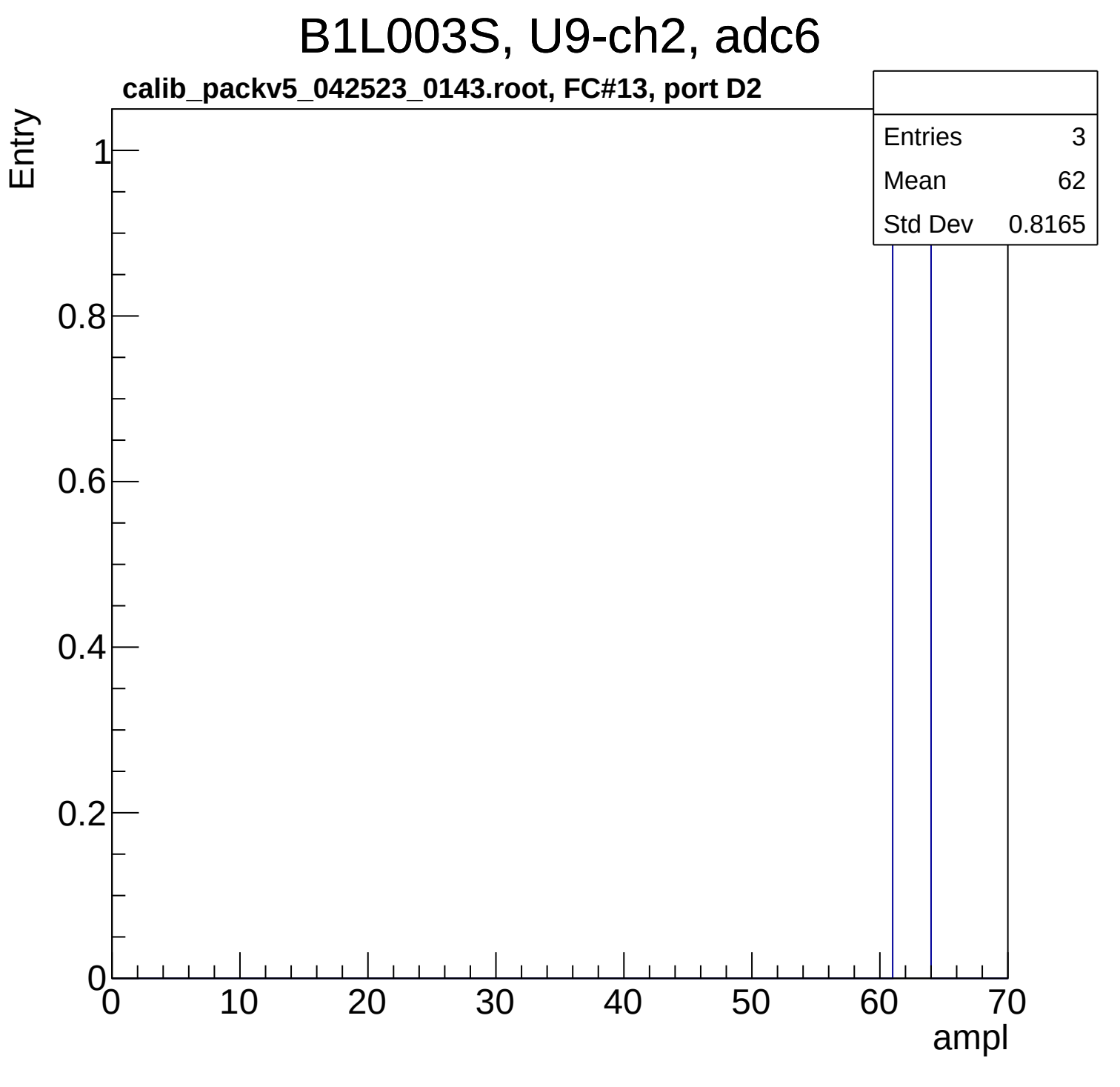
B1L003S, U9-ch2, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62
Std Dev 0.8165
Entry
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0.6
0.4
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0
10
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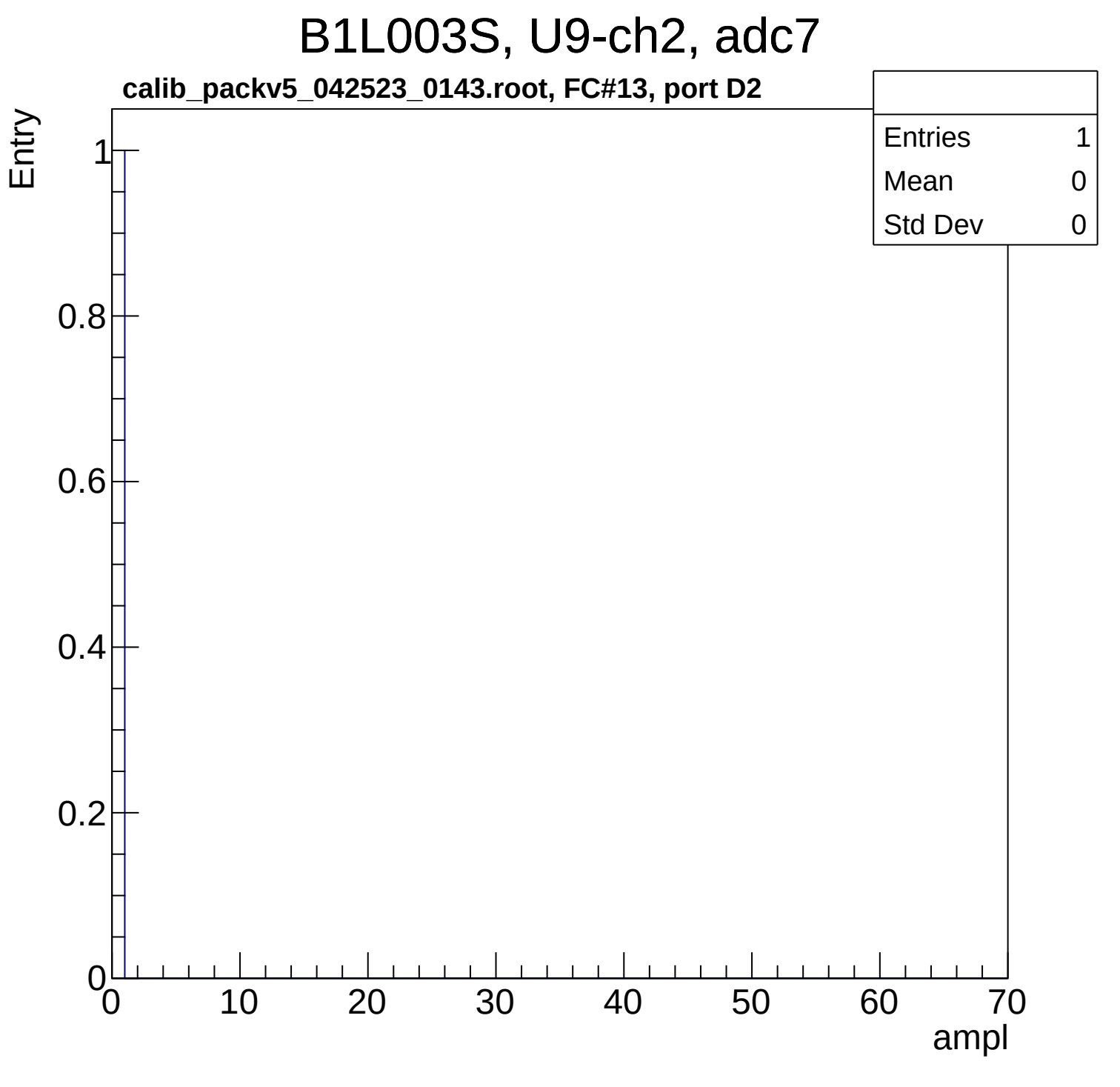
40
50
60
70
ampl


B1L003S, U9-ch2, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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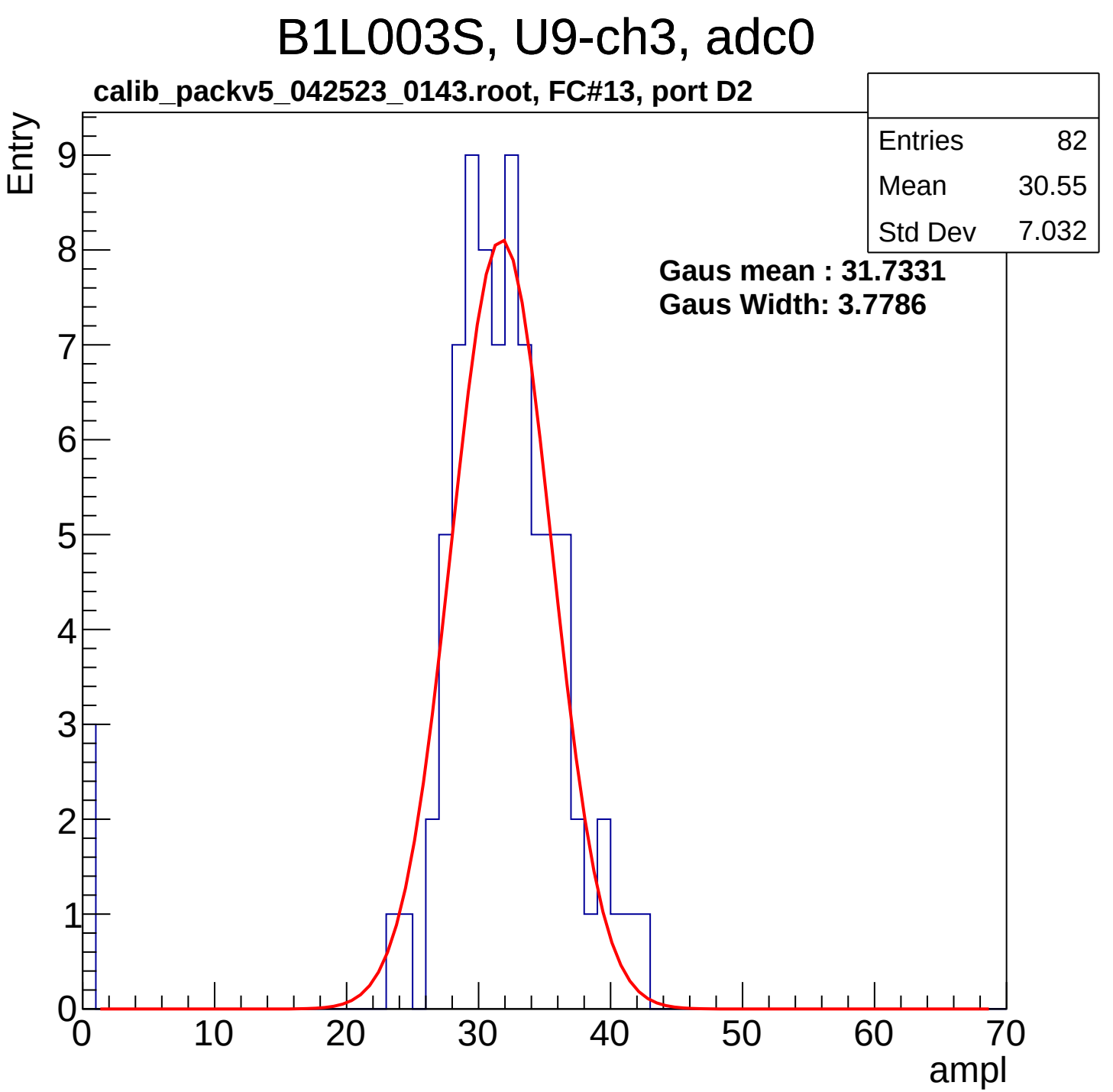
50
60
70
ampl


B1L003S, U9-ch3, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 30.55
Std Dev 7.032
Gaus mean : 31.7331
Gaus Width: 3.7786
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
50
60
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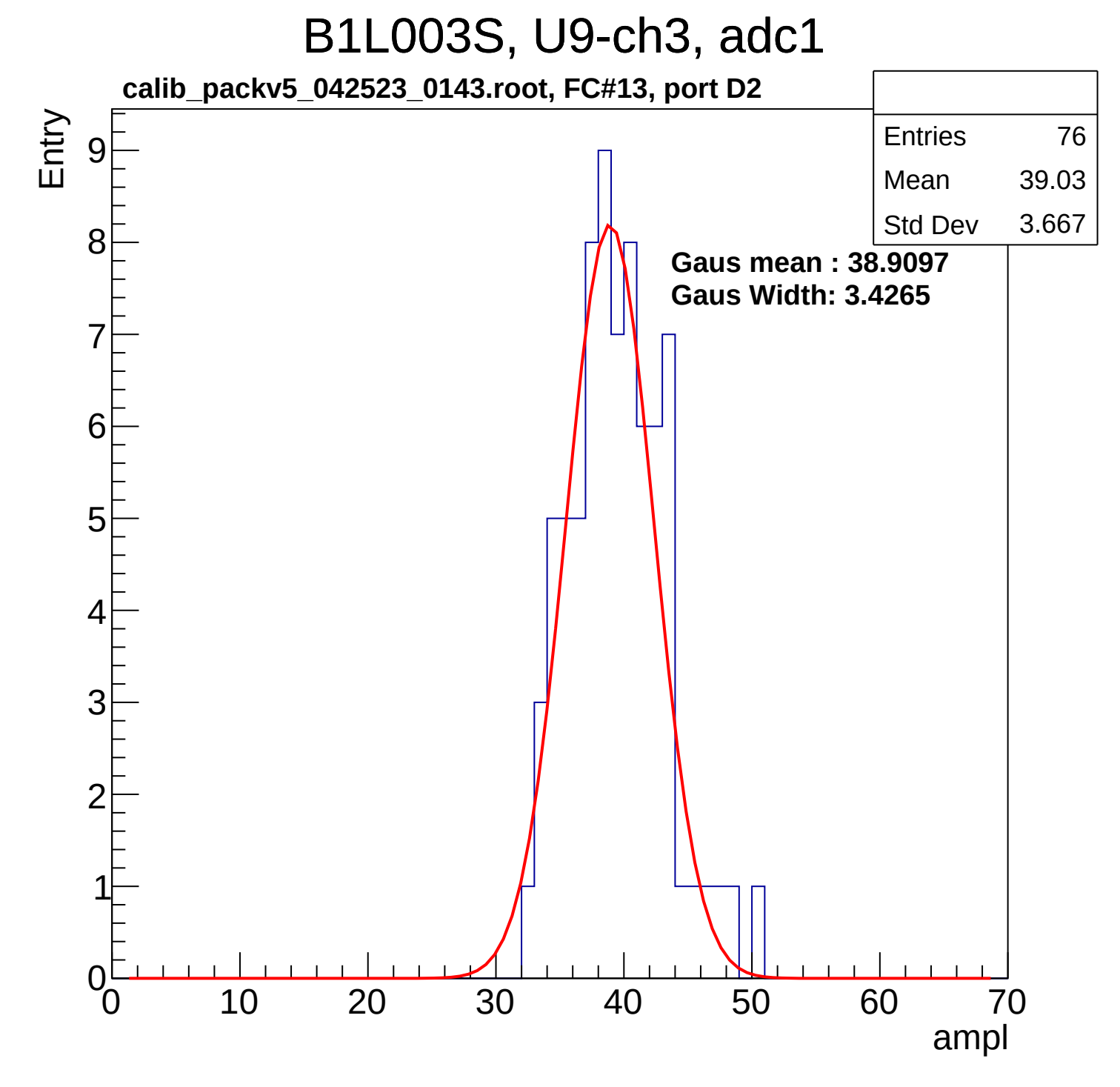
B1L003S, U9-ch3, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 39.03
Std Dev 3.667
Gaus mean : 38.9097
Gaus Width: 3.4265
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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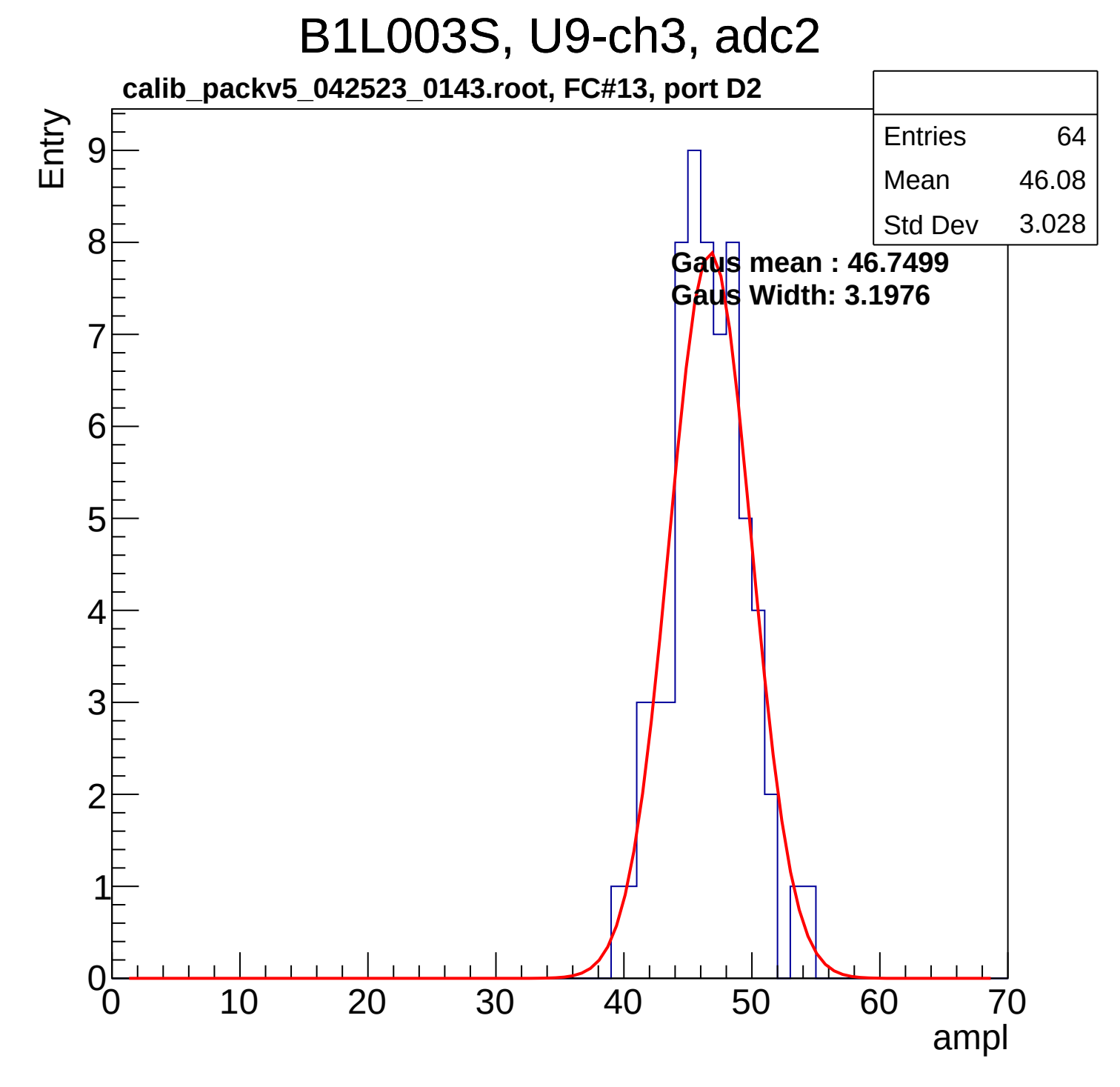
B1L003S, U9-ch3, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 46.08
Std Dev 3.028
Gaus mean : 46.7499
Gaus Width: 3.1976
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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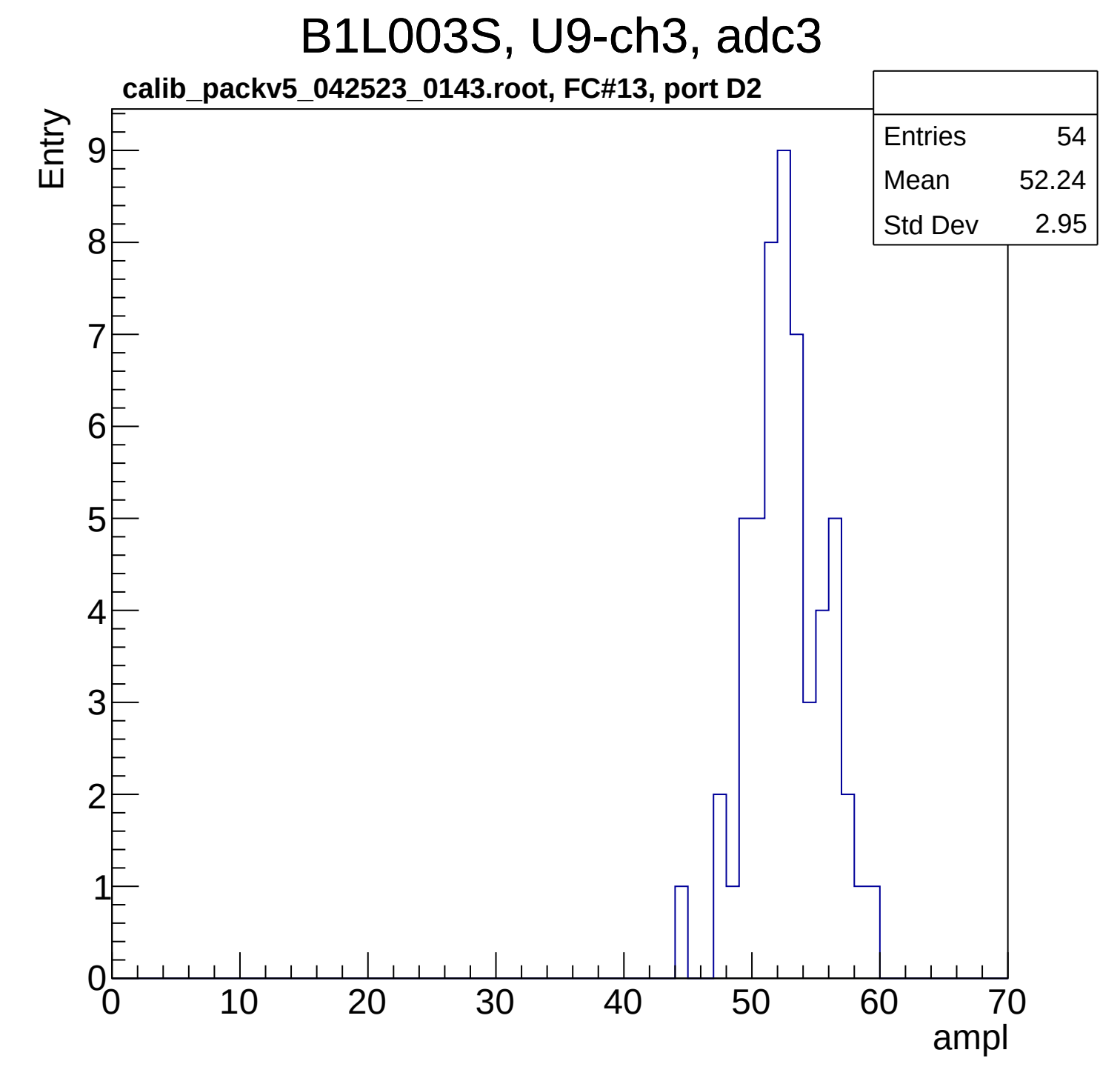
B1L003S, U9-ch3, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 52.24
Std Dev 2.95
Entry
ampl
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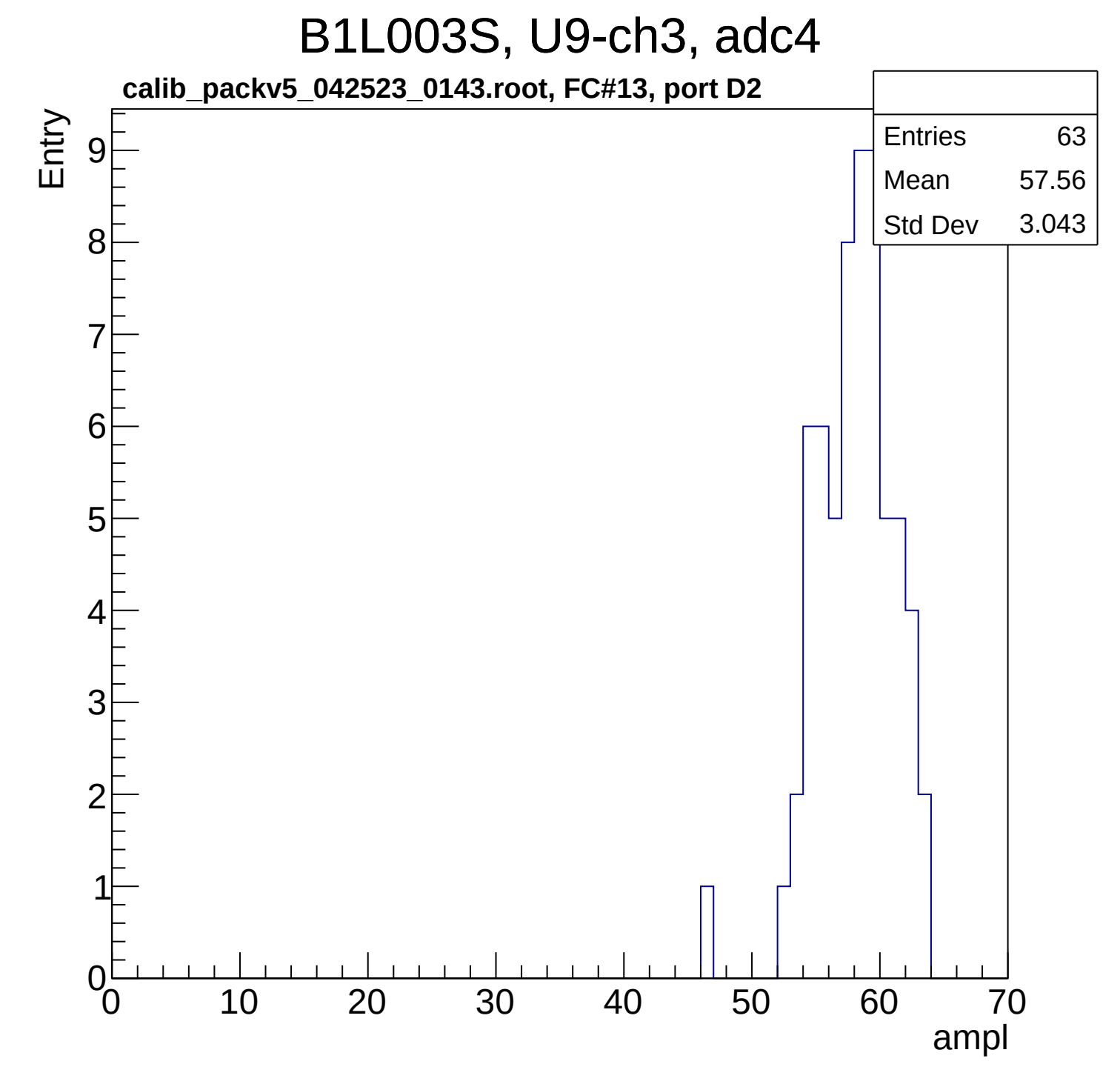
B1L003S, U9-ch3, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 57.56
Std Dev 3.043
Entry
ampl
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3
4
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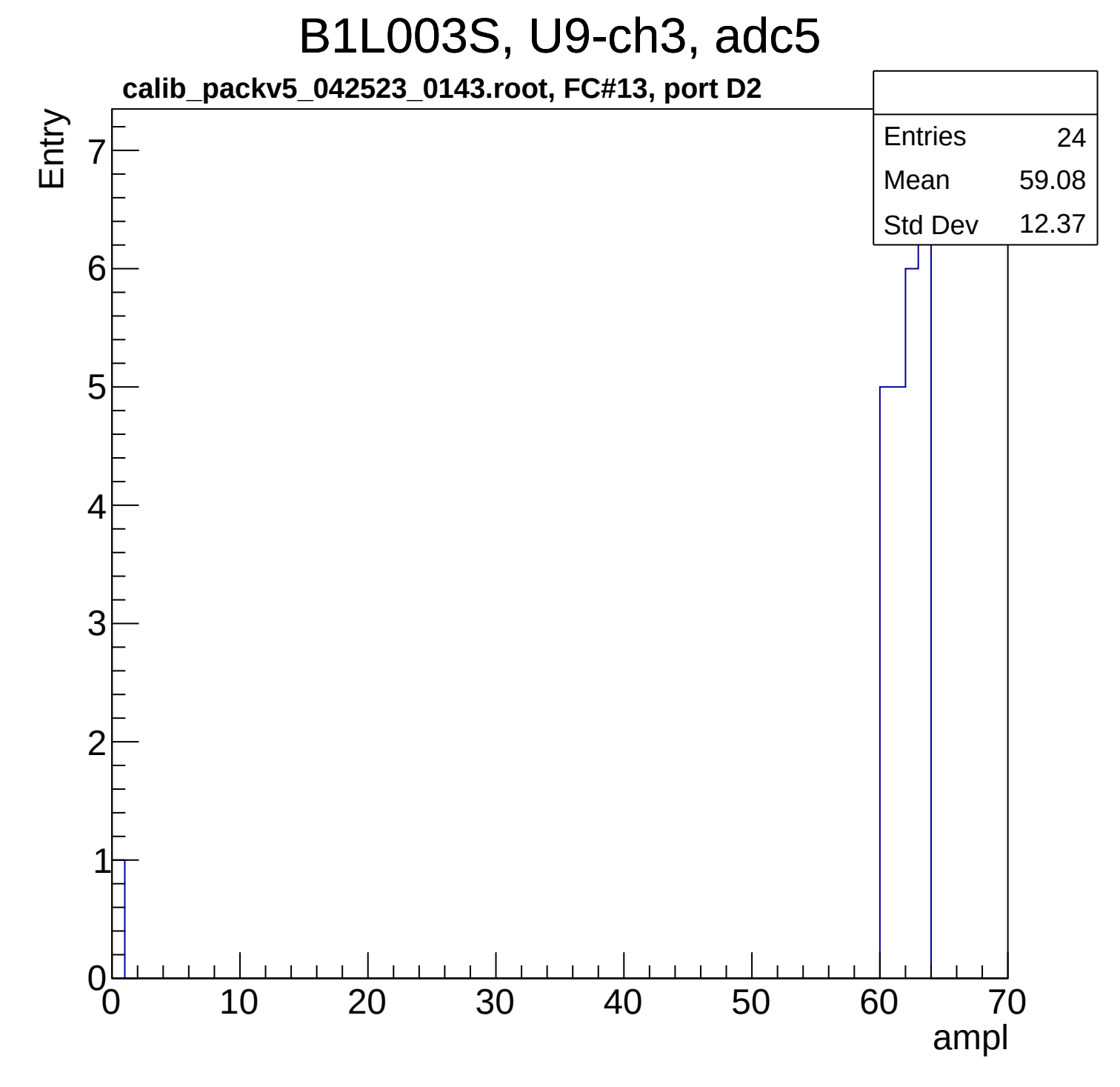
B1L003S, U9-ch3, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 24
Mean 59.08
Std Dev 12.37
Entry
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2
3
4
5
6
7
0
10
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30
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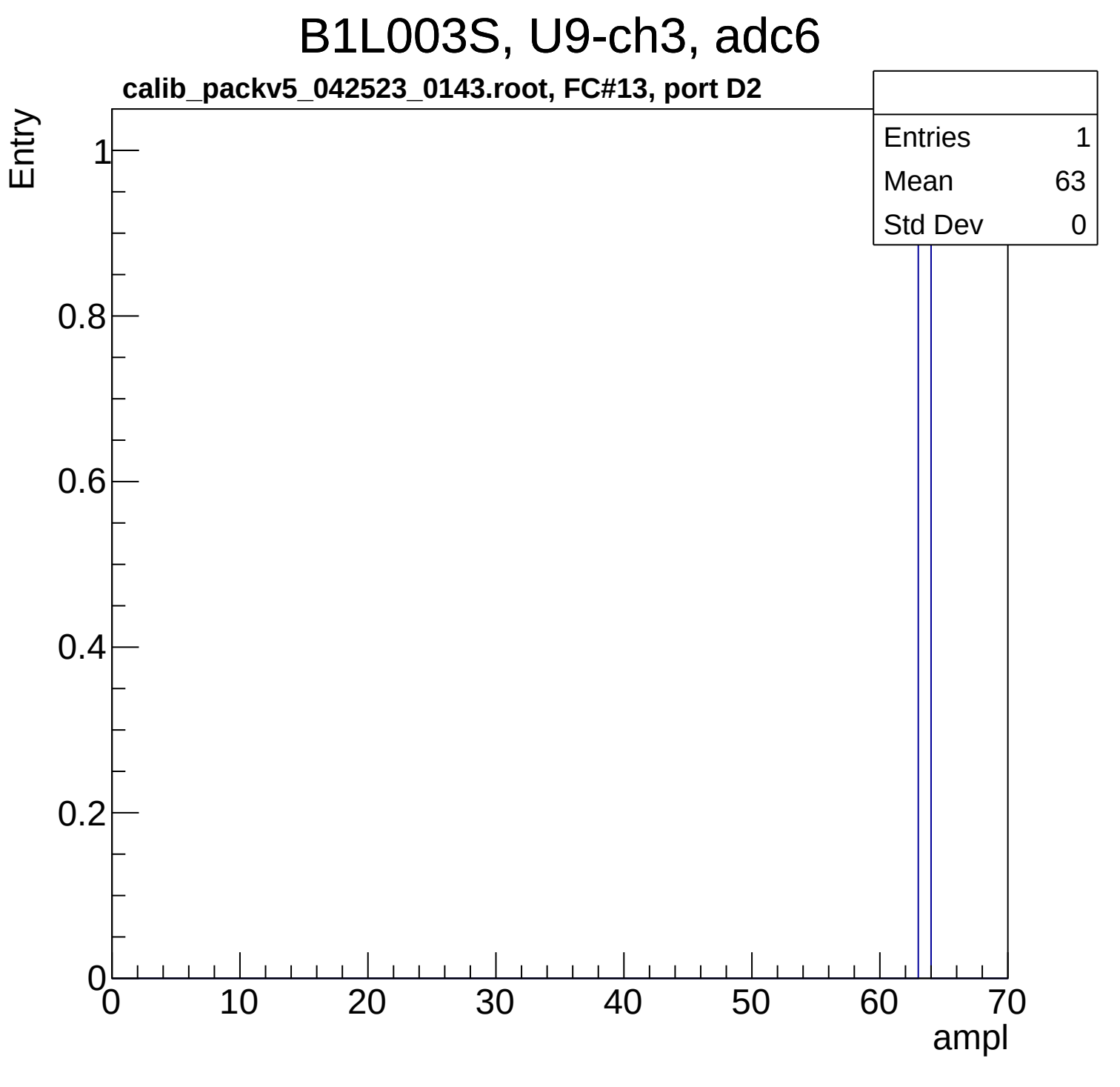
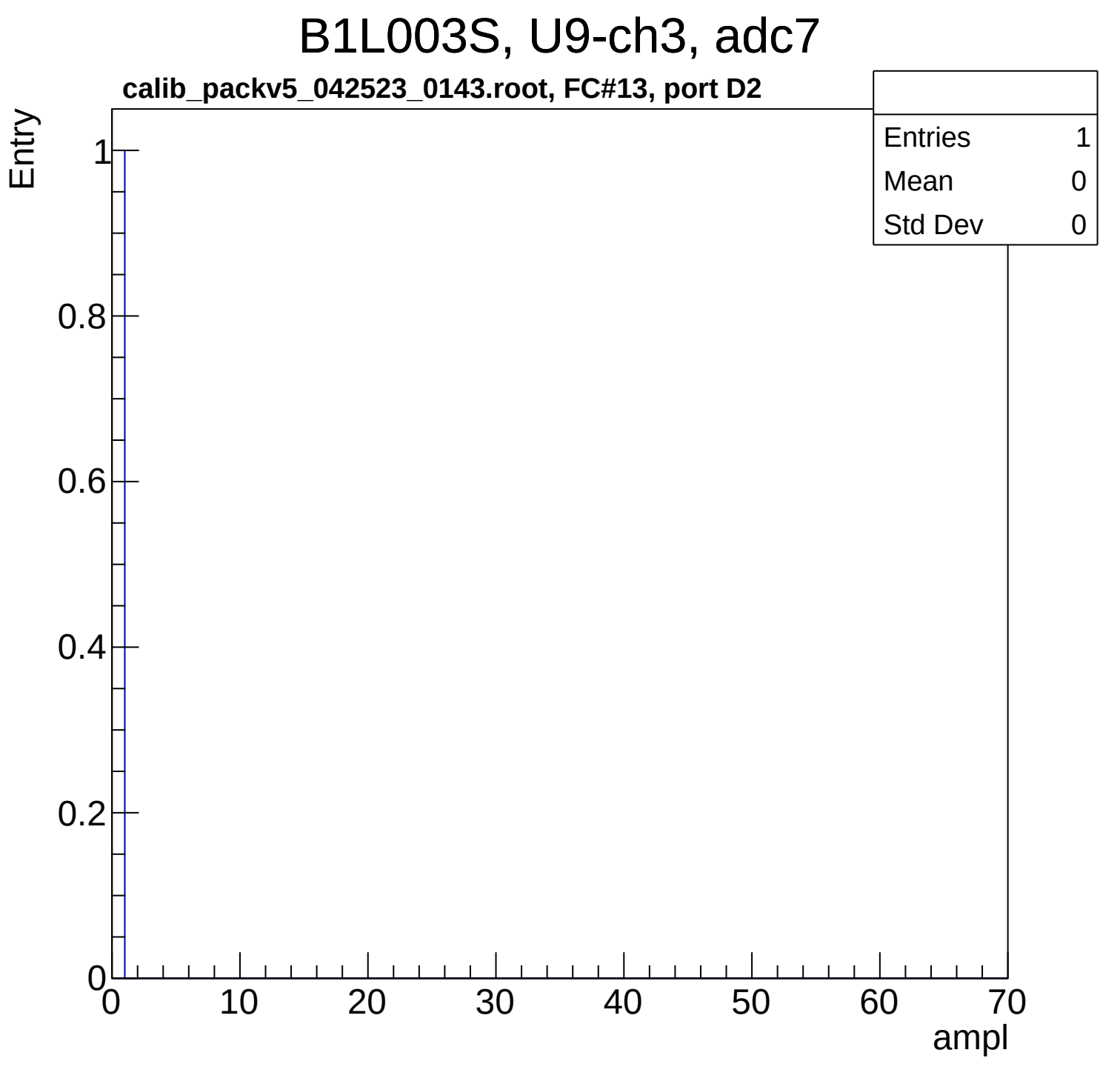
50
60
70
ampl


B1L003S, U9-ch3, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch3, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
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10
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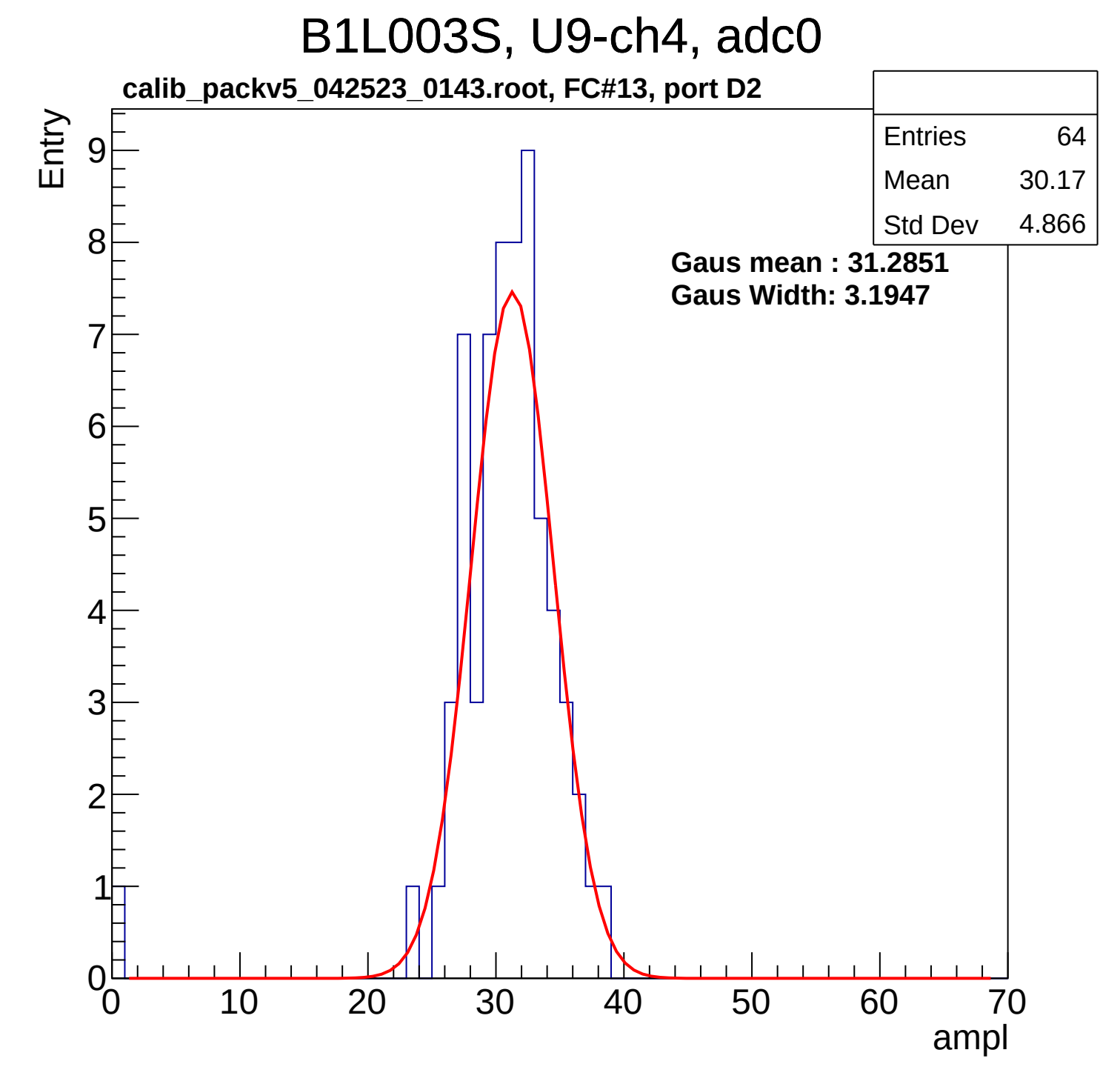
40
50
60
70
ampl


B1L003S, U9-ch4, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 30.17
Std Dev 4.866
Gaus mean : 31.2851
Gaus Width: 3.1947
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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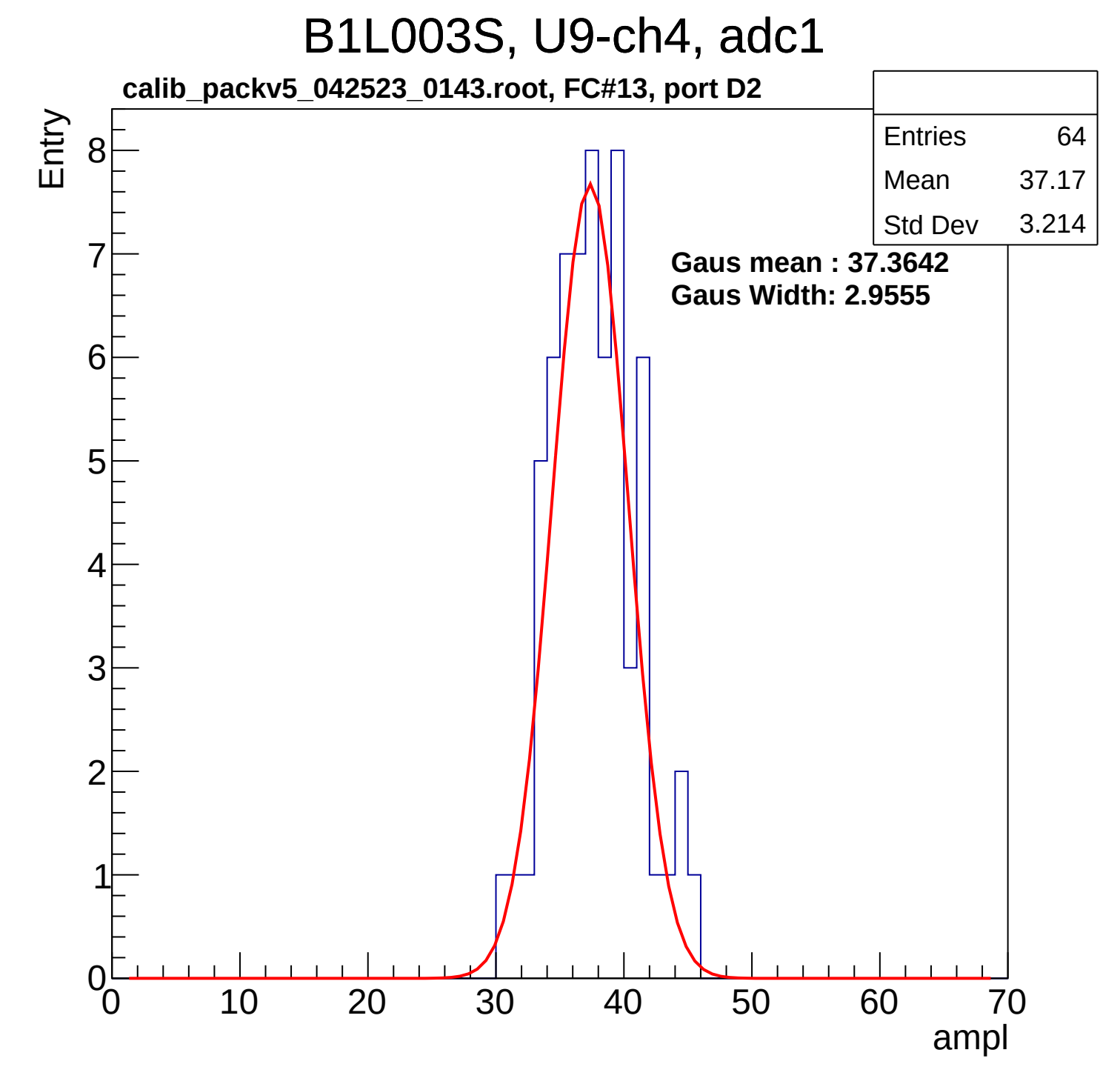
B1L003S, U9-ch4, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 37.17
Std Dev 3.214
Gaus mean : 37.3642
Gaus Width: 2.9555
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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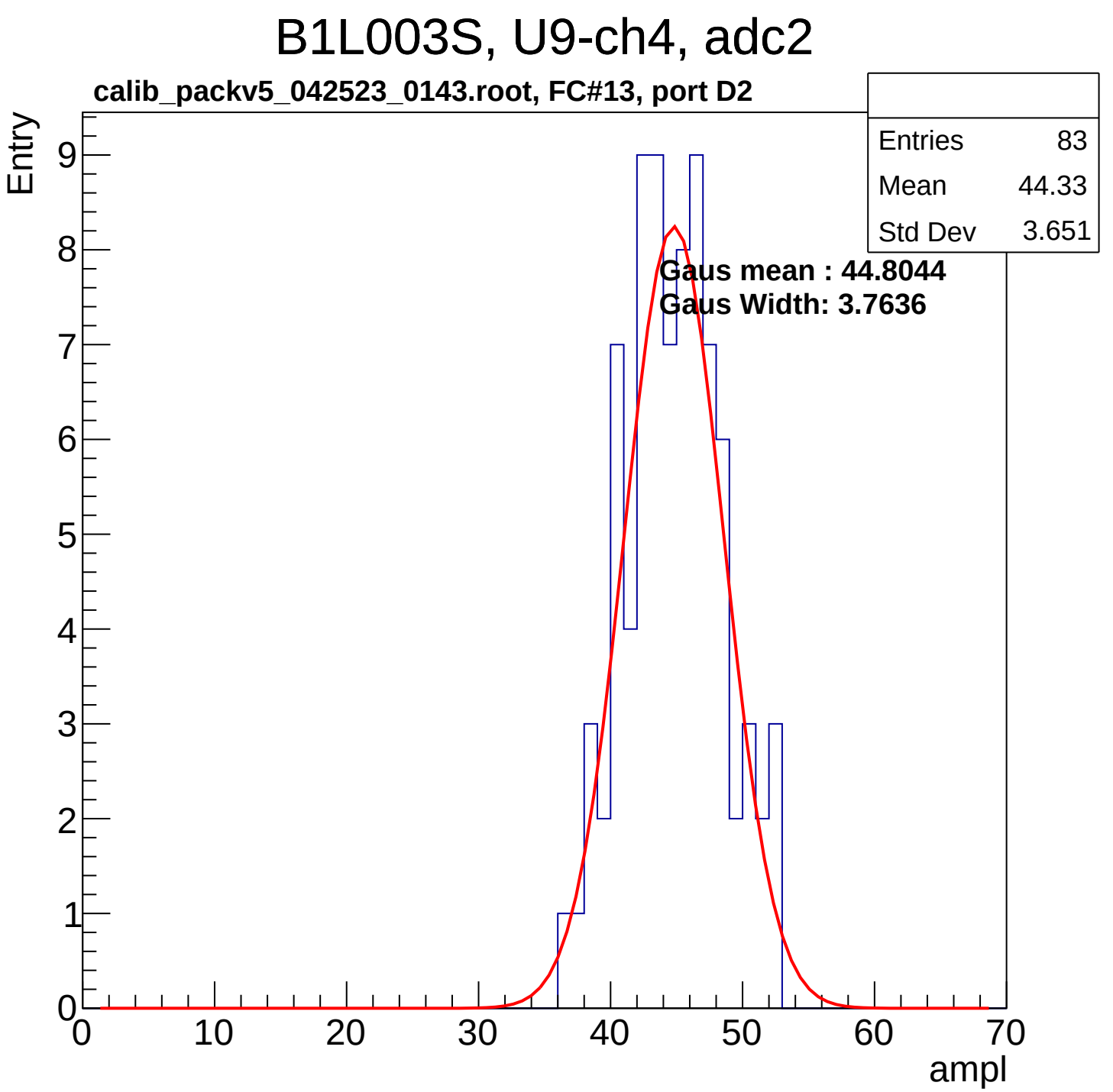
B1L003S, U9-ch4, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 44.33
Std Dev 3.651
Gaus mean : 44.8044
Gaus Width: 3.7636
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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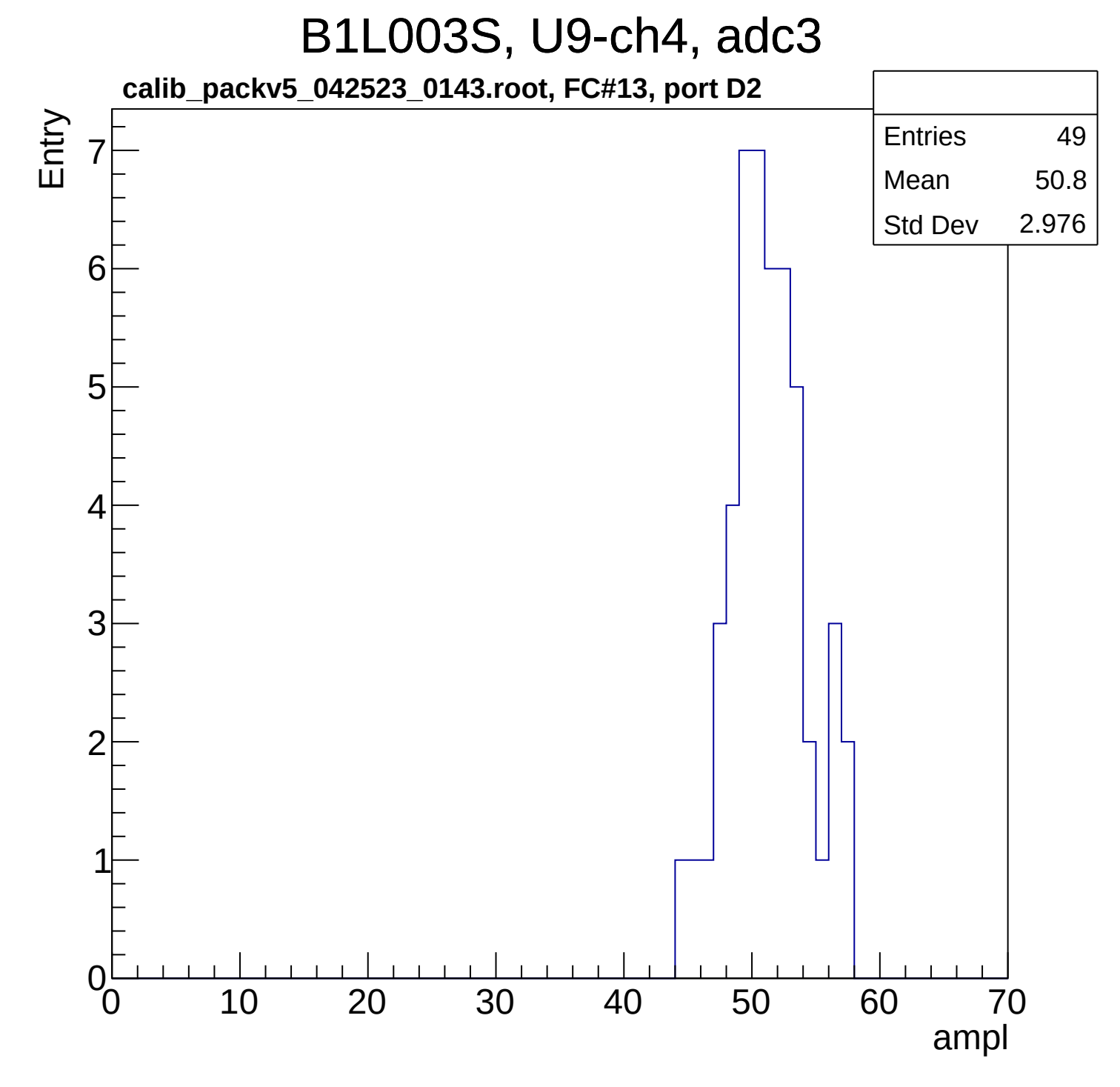
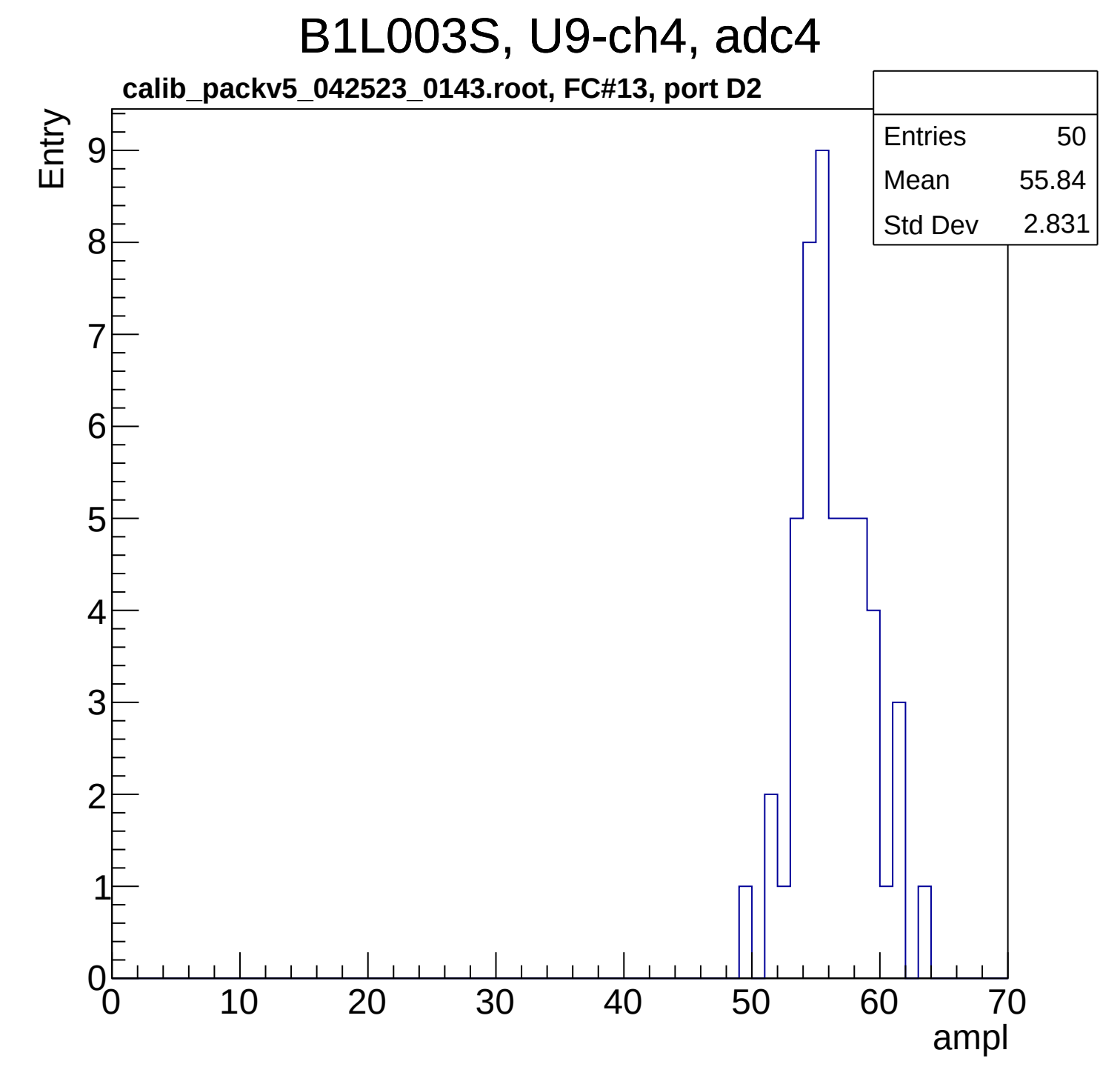
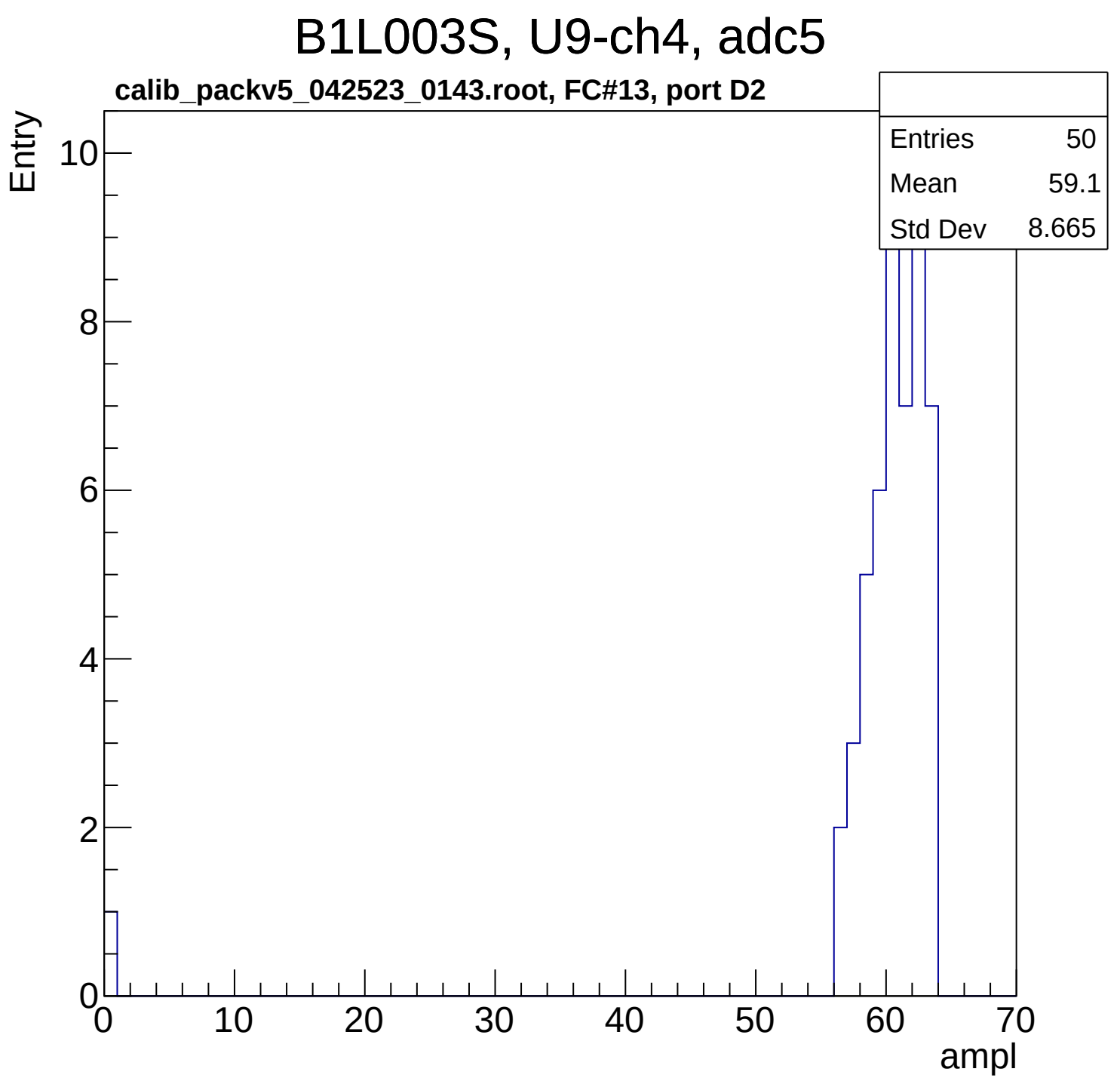
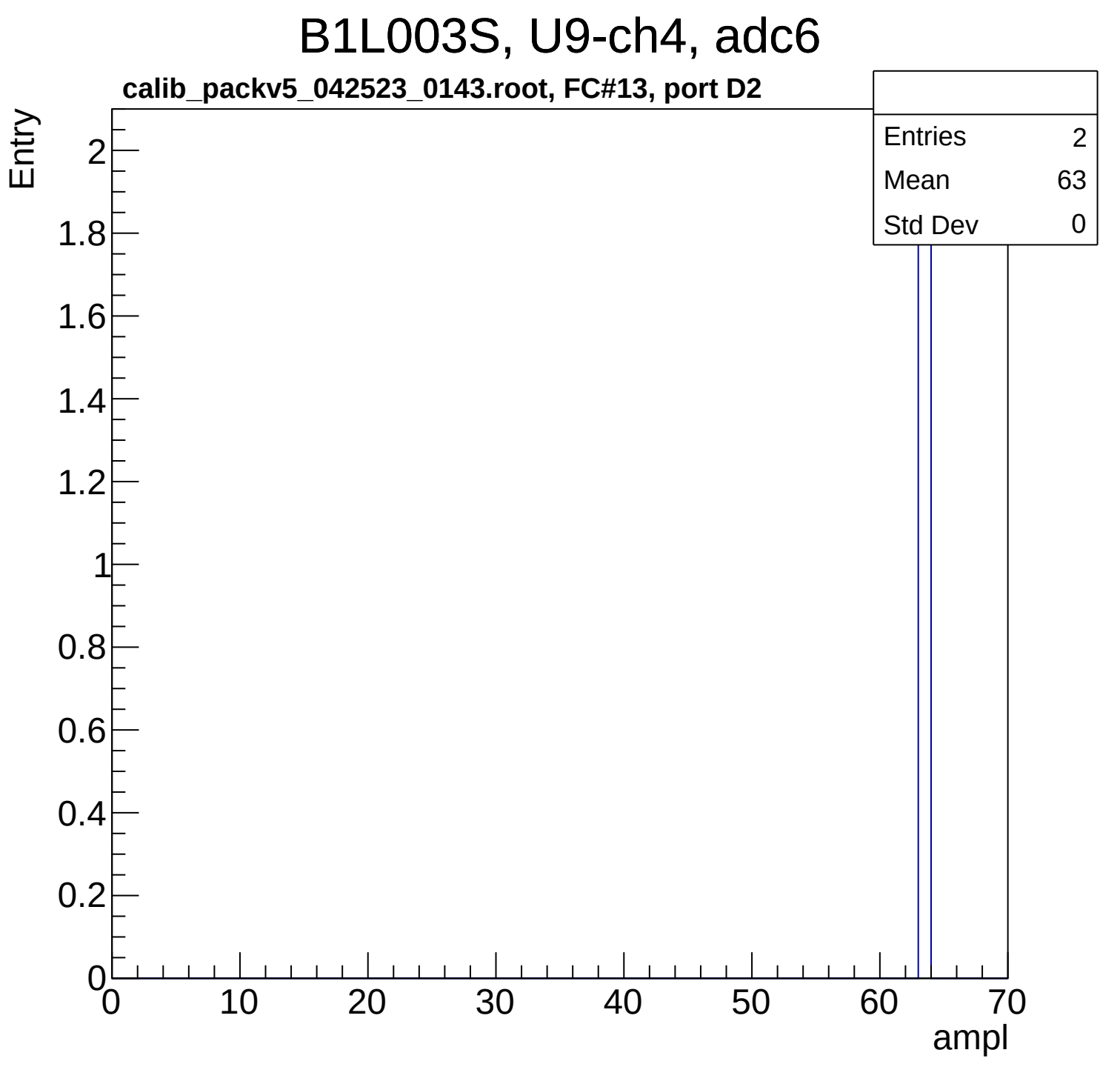
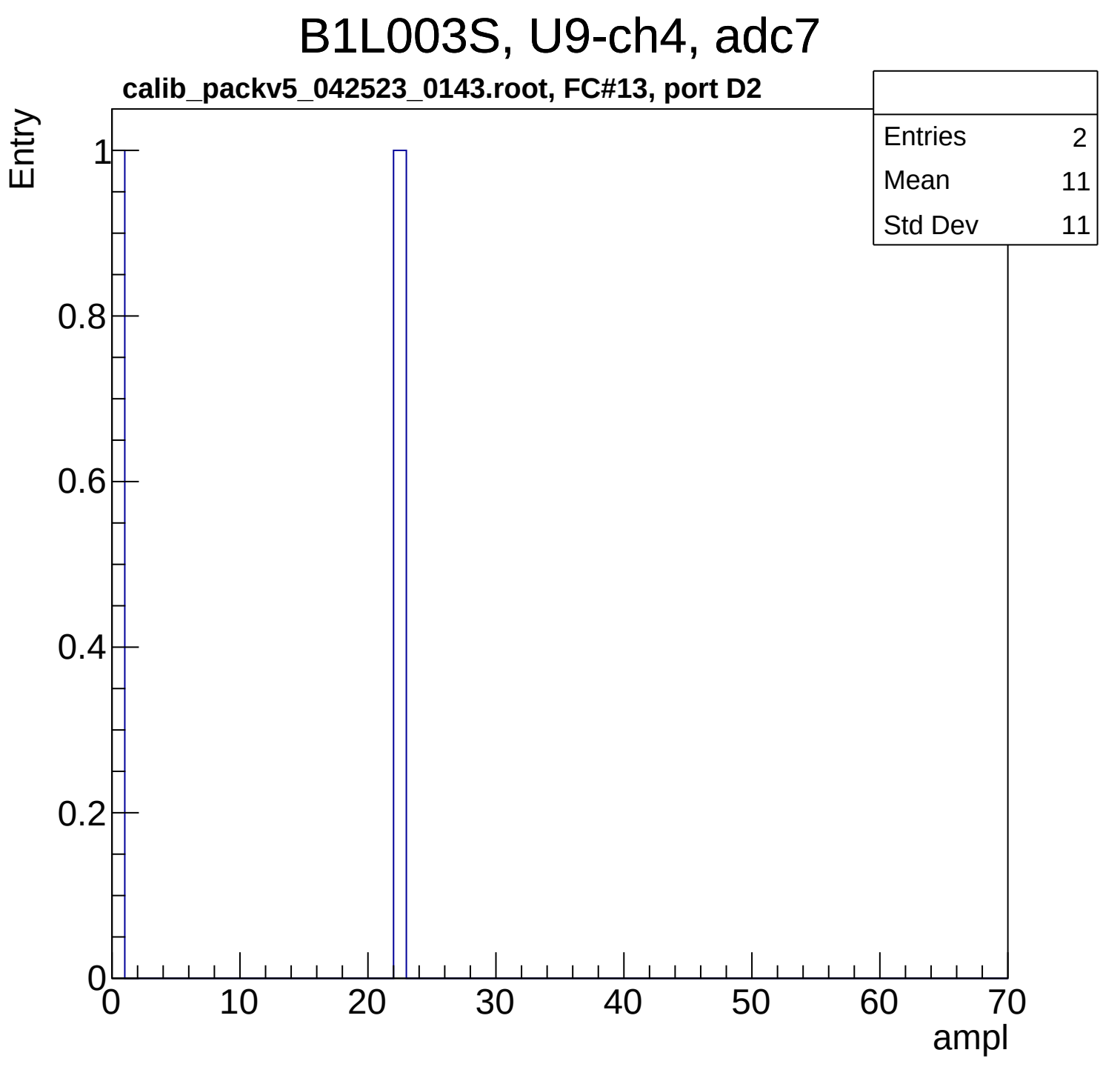
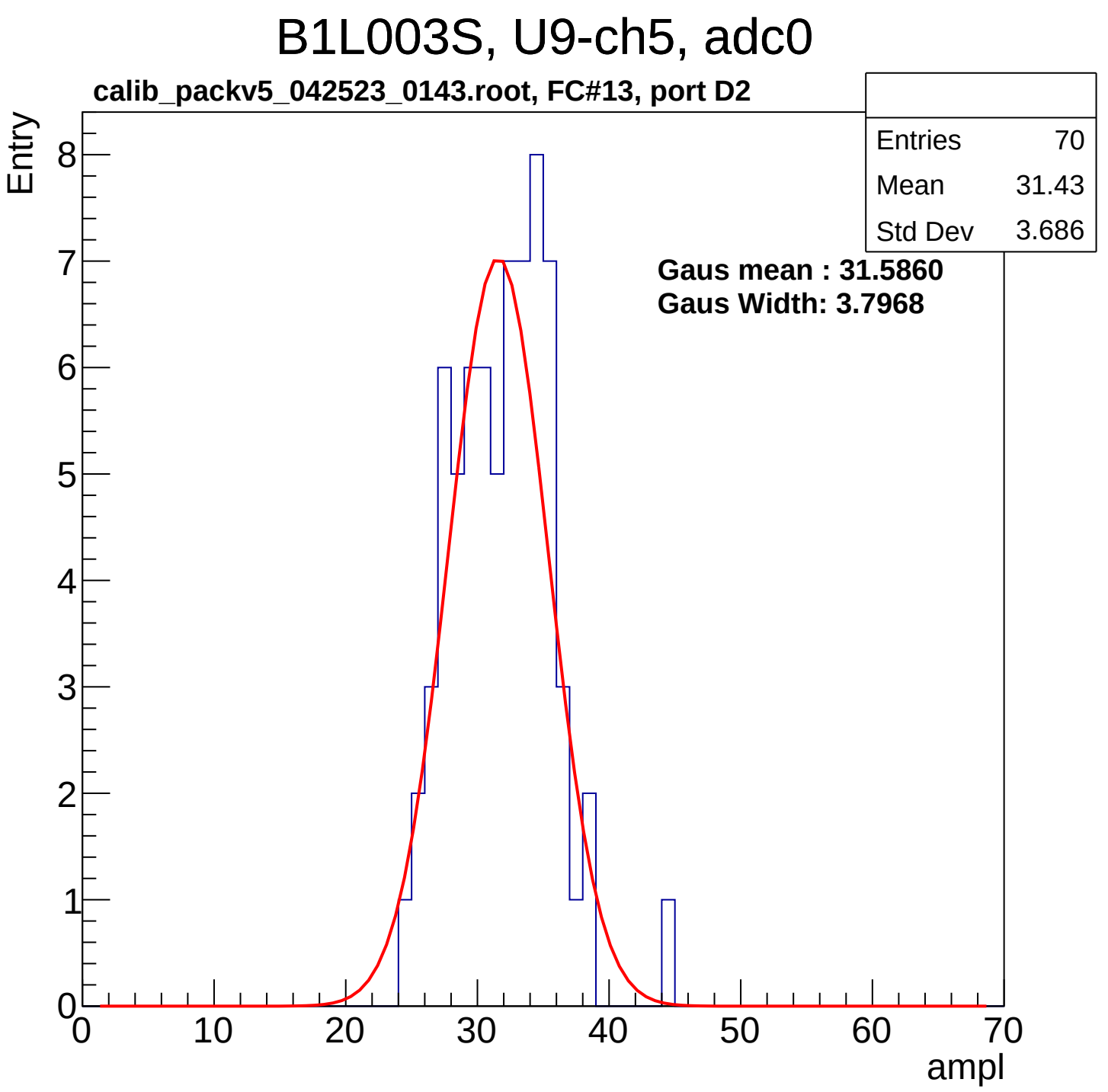

B1L003S, U9-ch4, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 50.8
Std Dev 2.976
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

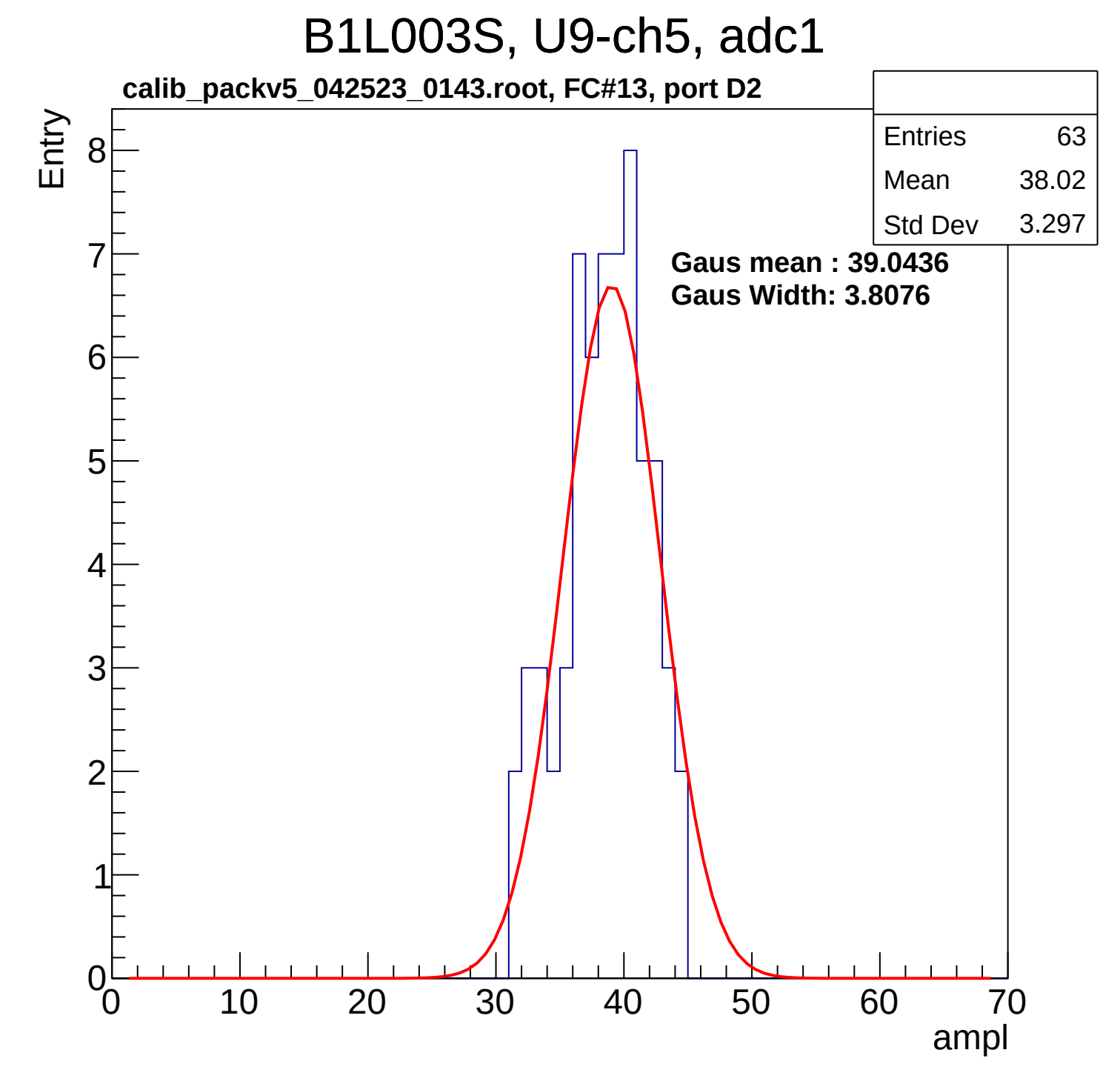

B1L003S, U9-ch4, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 55.84
Std Dev 2.831
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch4, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 59.1
Std Dev 8.665
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch4, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch4, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch5, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 31.43
Std Dev 3.686
Gaus mean : 31.5860
Gaus Width: 3.7968
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch5, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 38.02
Std Dev 3.297
Gaus mean : 39.0436
Gaus Width: 3.8076
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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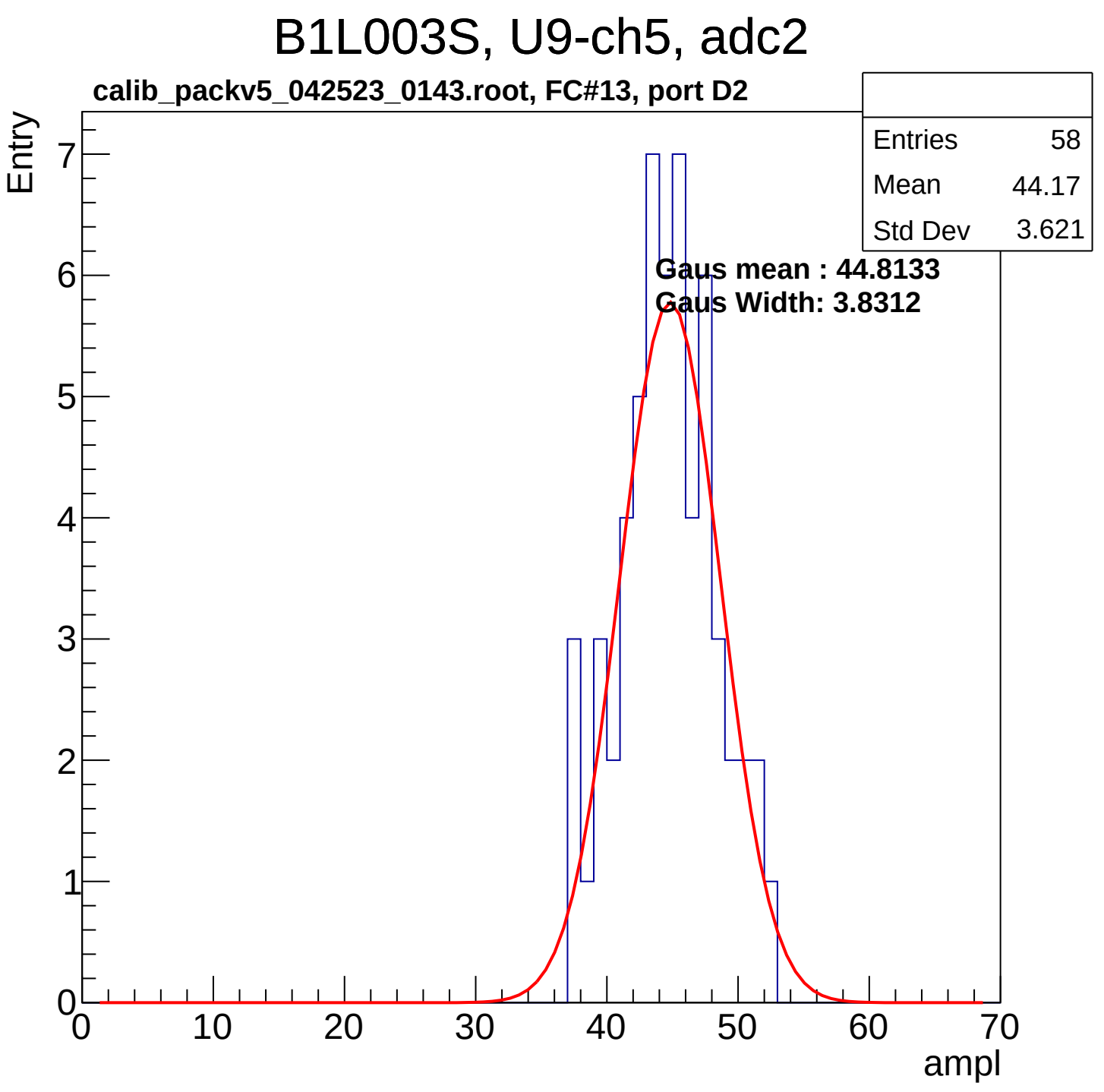
B1L003S, U9-ch5, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 44.17
Std Dev 3.621
Gaus mean : 44.8133
Gaus Width: 3.8312
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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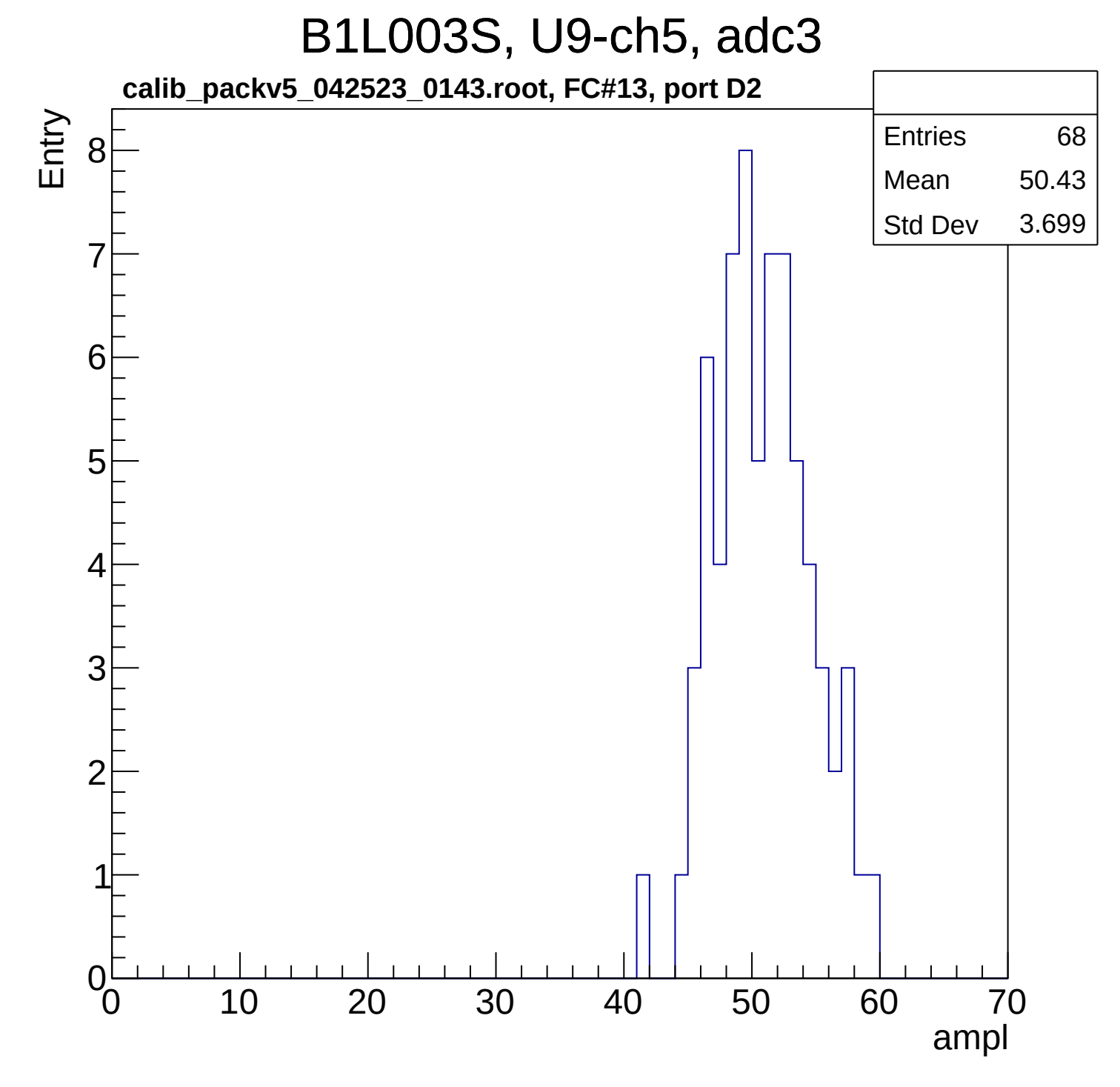
B1L003S, U9-ch5, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 50.43
Std Dev 3.699
Entry
ampl
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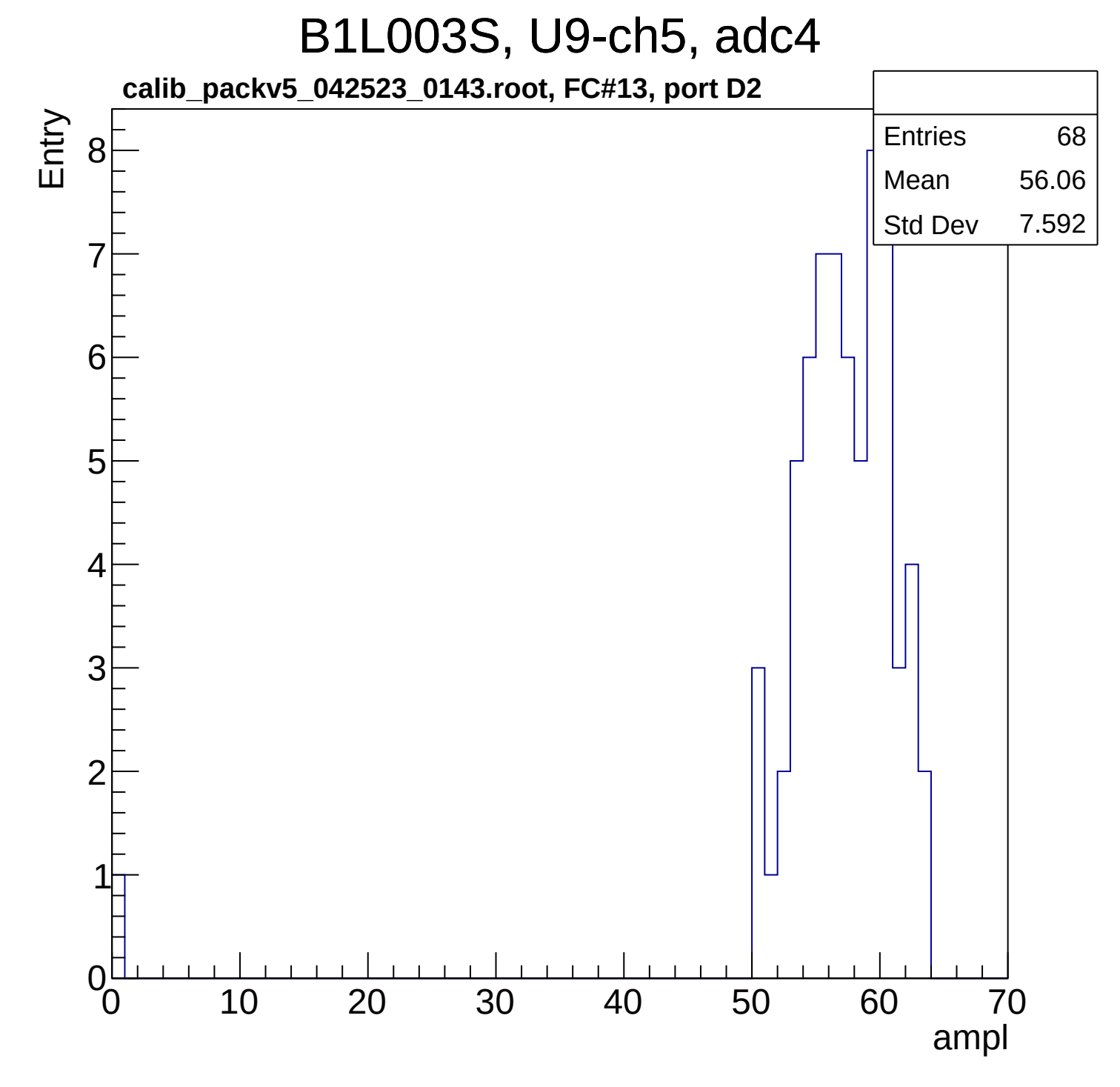
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch5, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 56.06
Std Dev 7.592
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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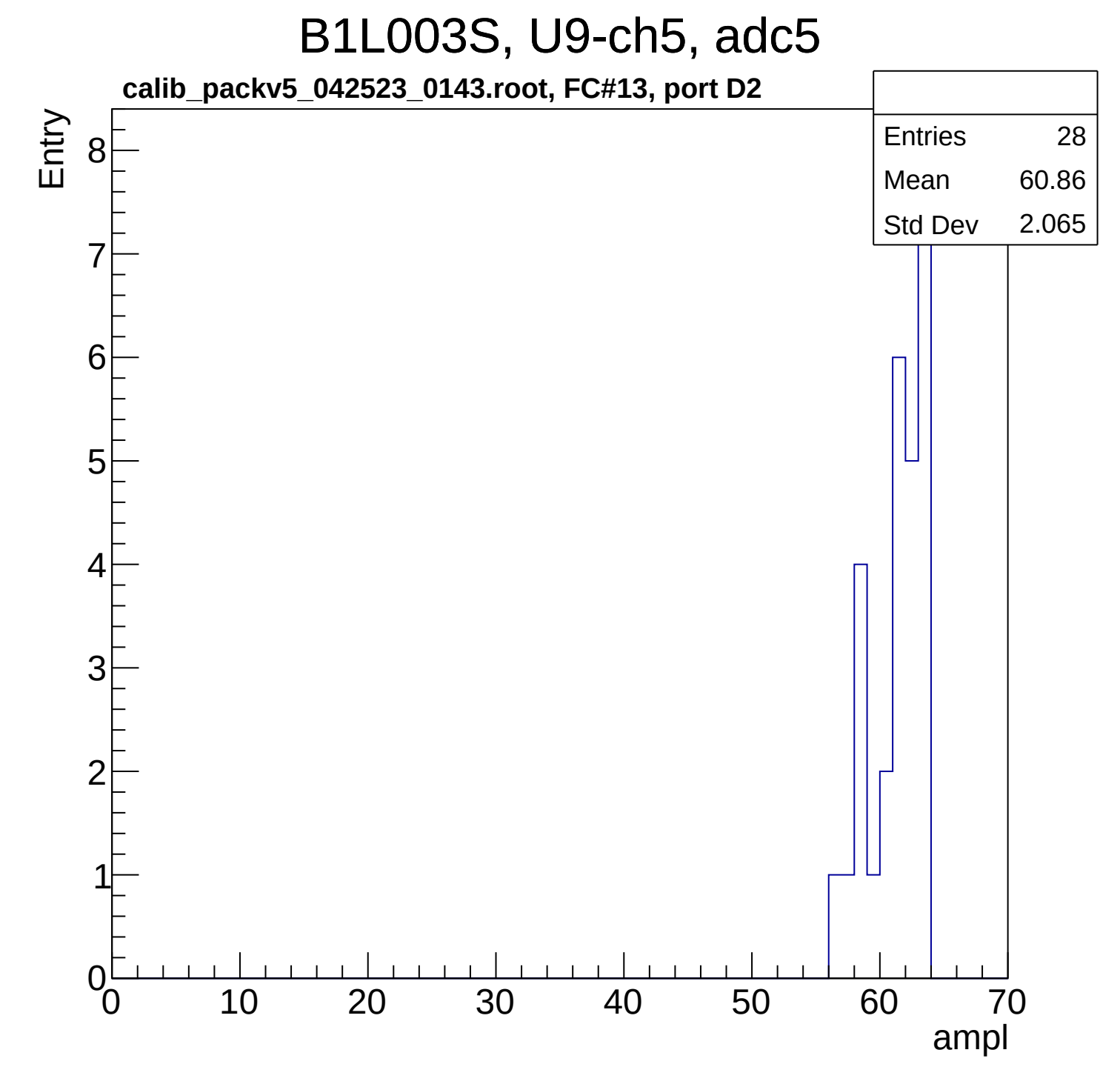
B1L003S, U9-ch5, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 28
Mean 60.86
Std Dev 2.065
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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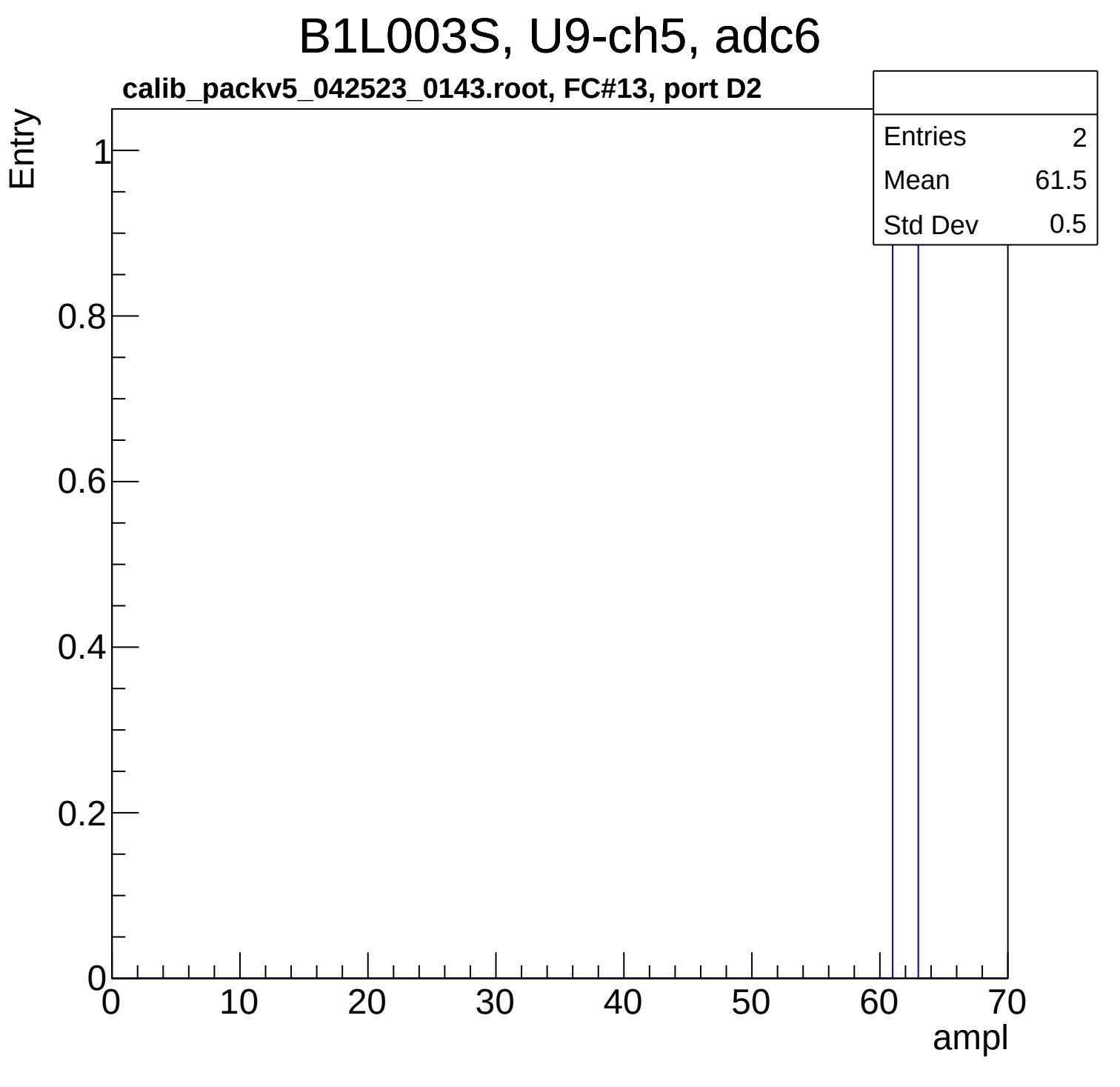
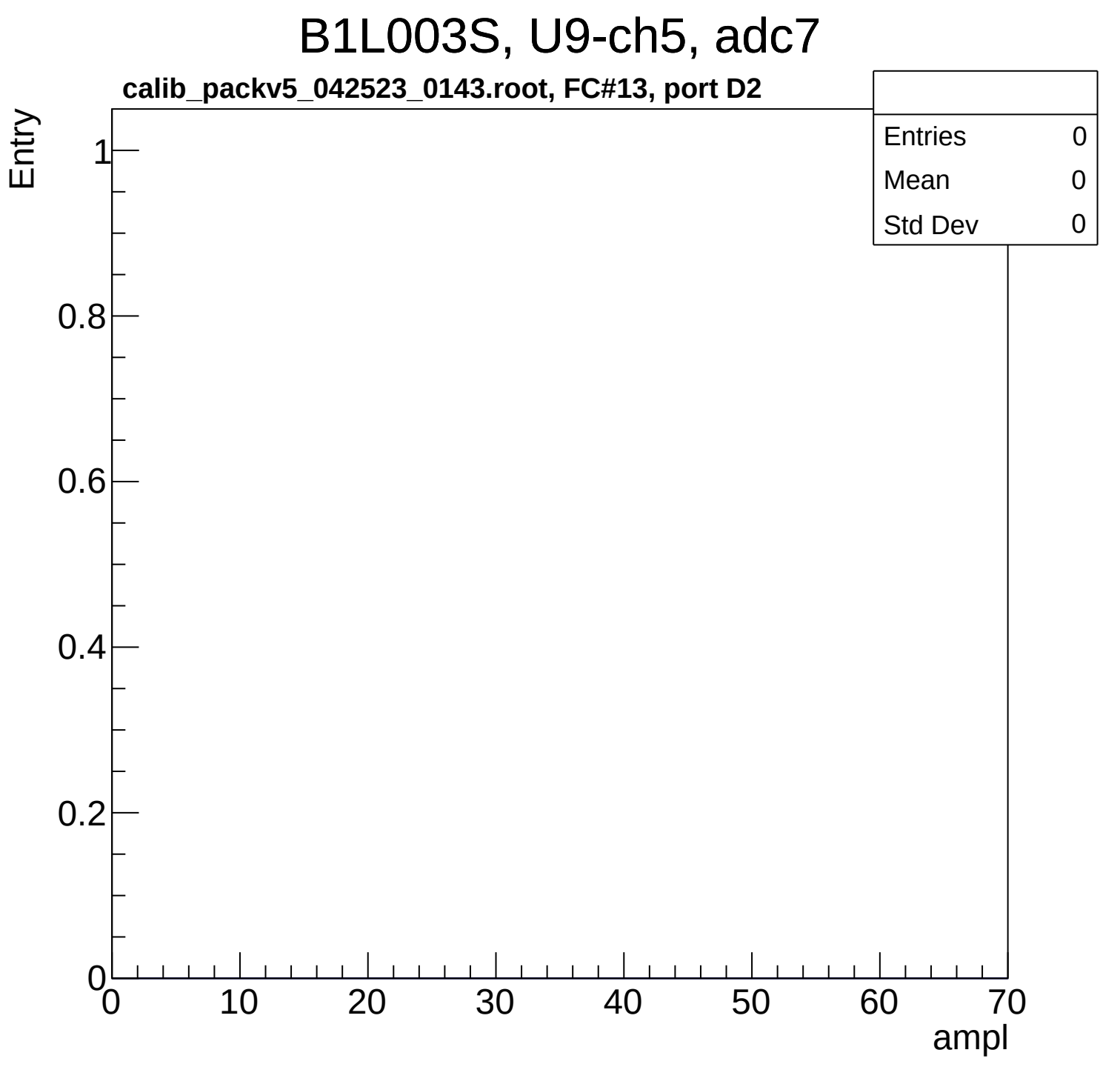

B1L003S, U9-ch5, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 61.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch5, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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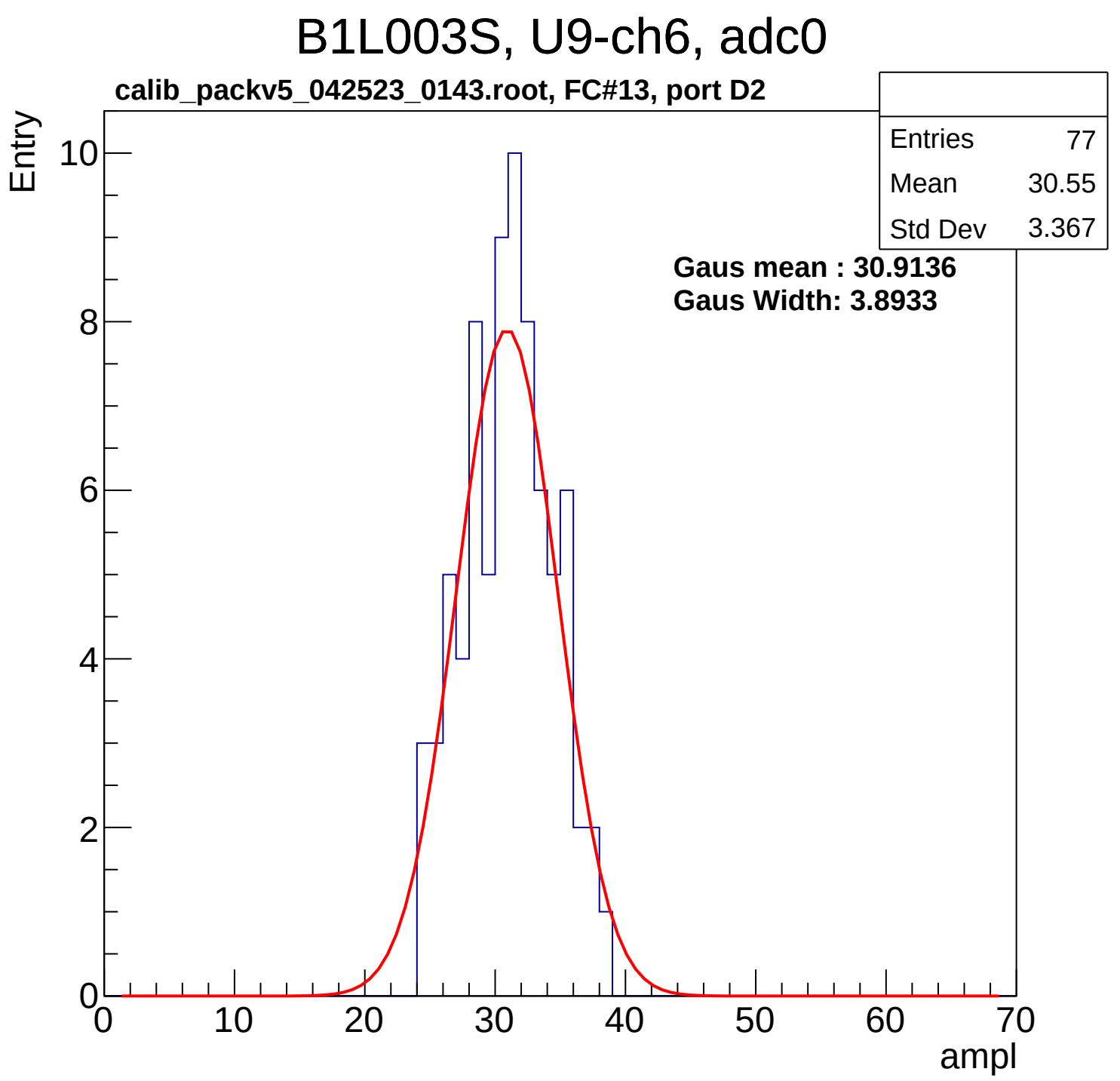
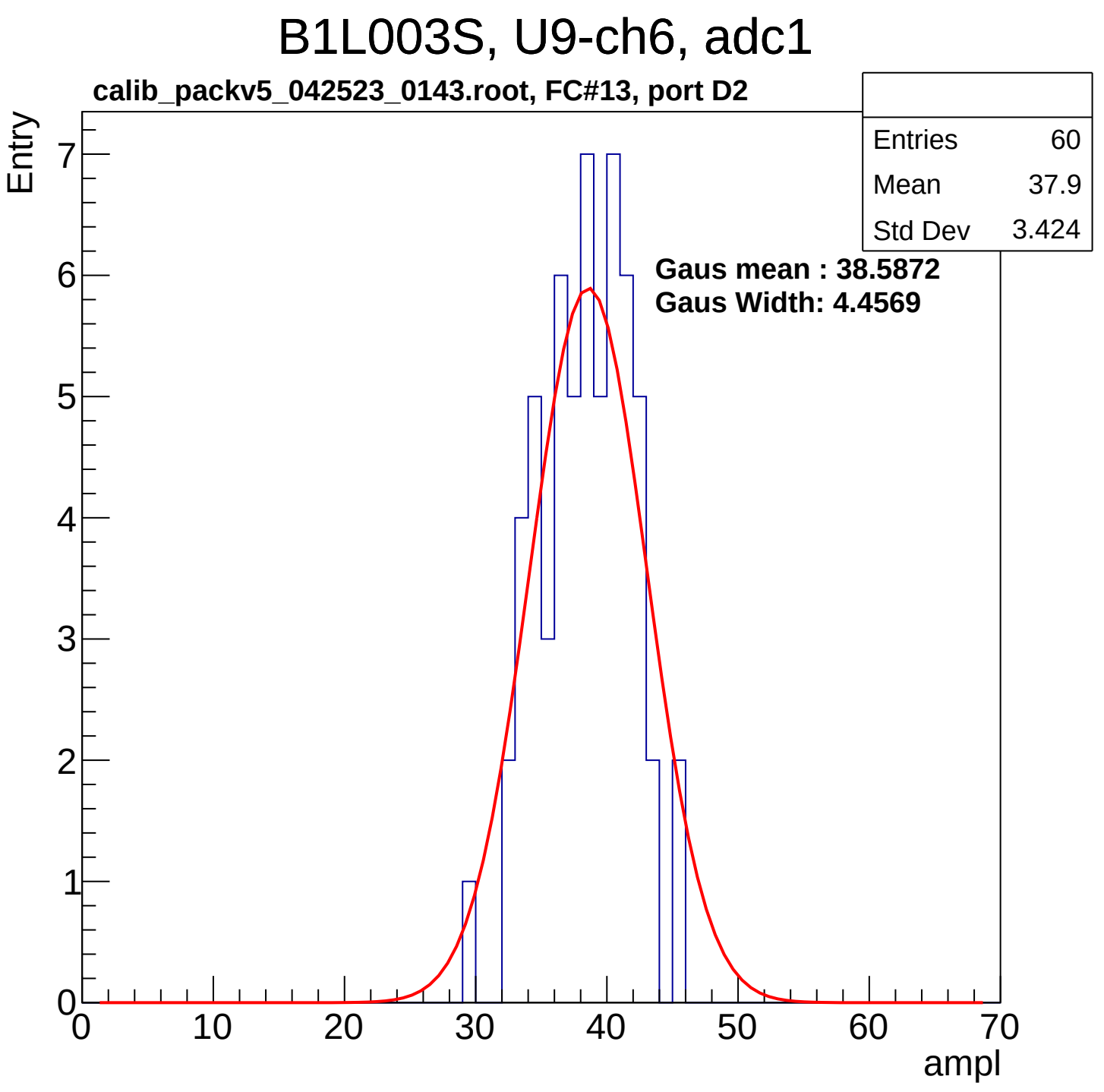
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch6, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 30.55
Std Dev 3.367
Gaus mean : 30.9136
Gaus Width: 3.8933
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch6, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 37.9
Std Dev 3.424
Gaus mean : 38.5872
Gaus Width: 4.4569
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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60
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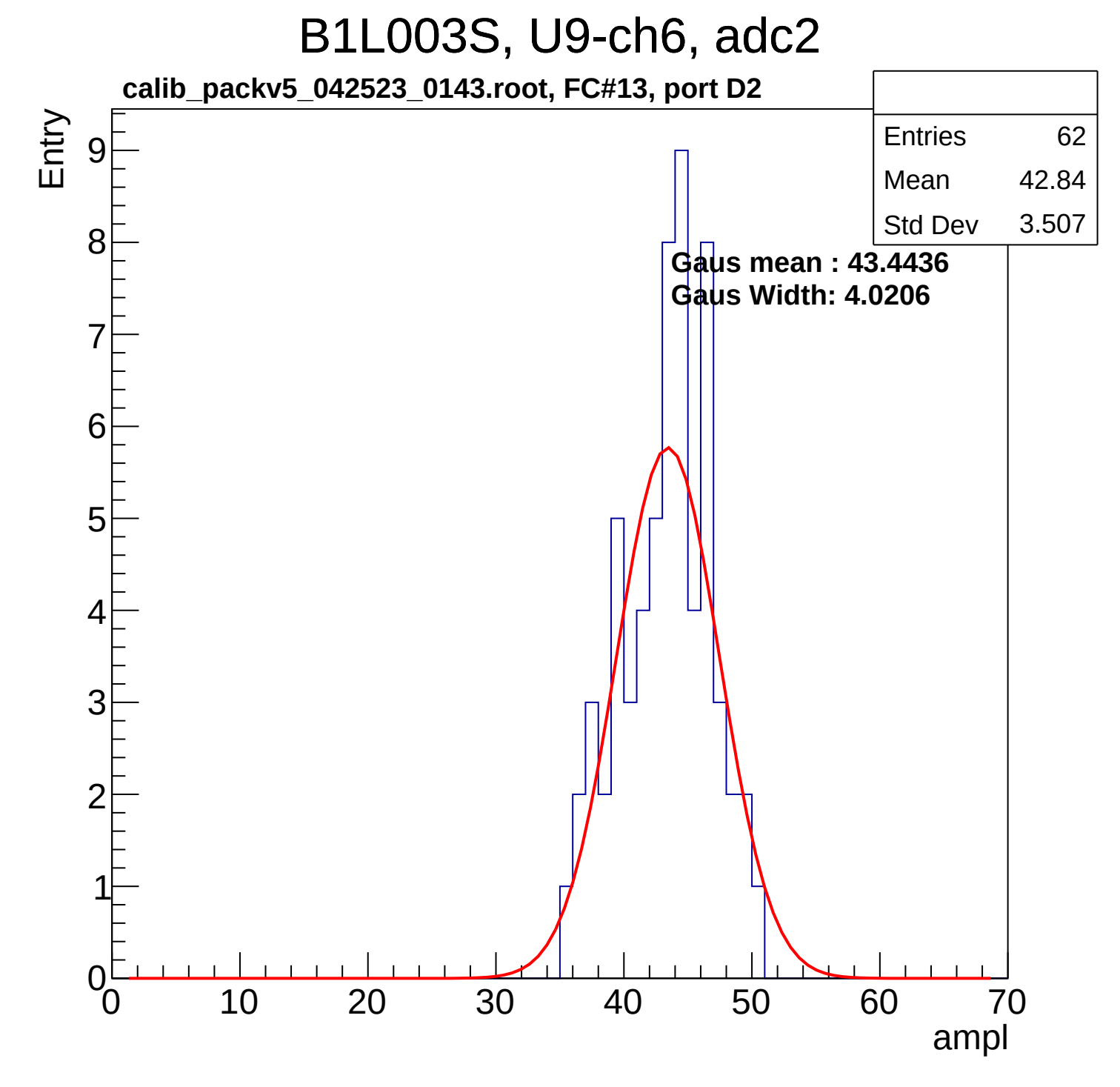
B1L003S, U9-ch6, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 42.84
Std Dev 3.507
Gaus mean : 43.4436
Gaus Width: 4.0206
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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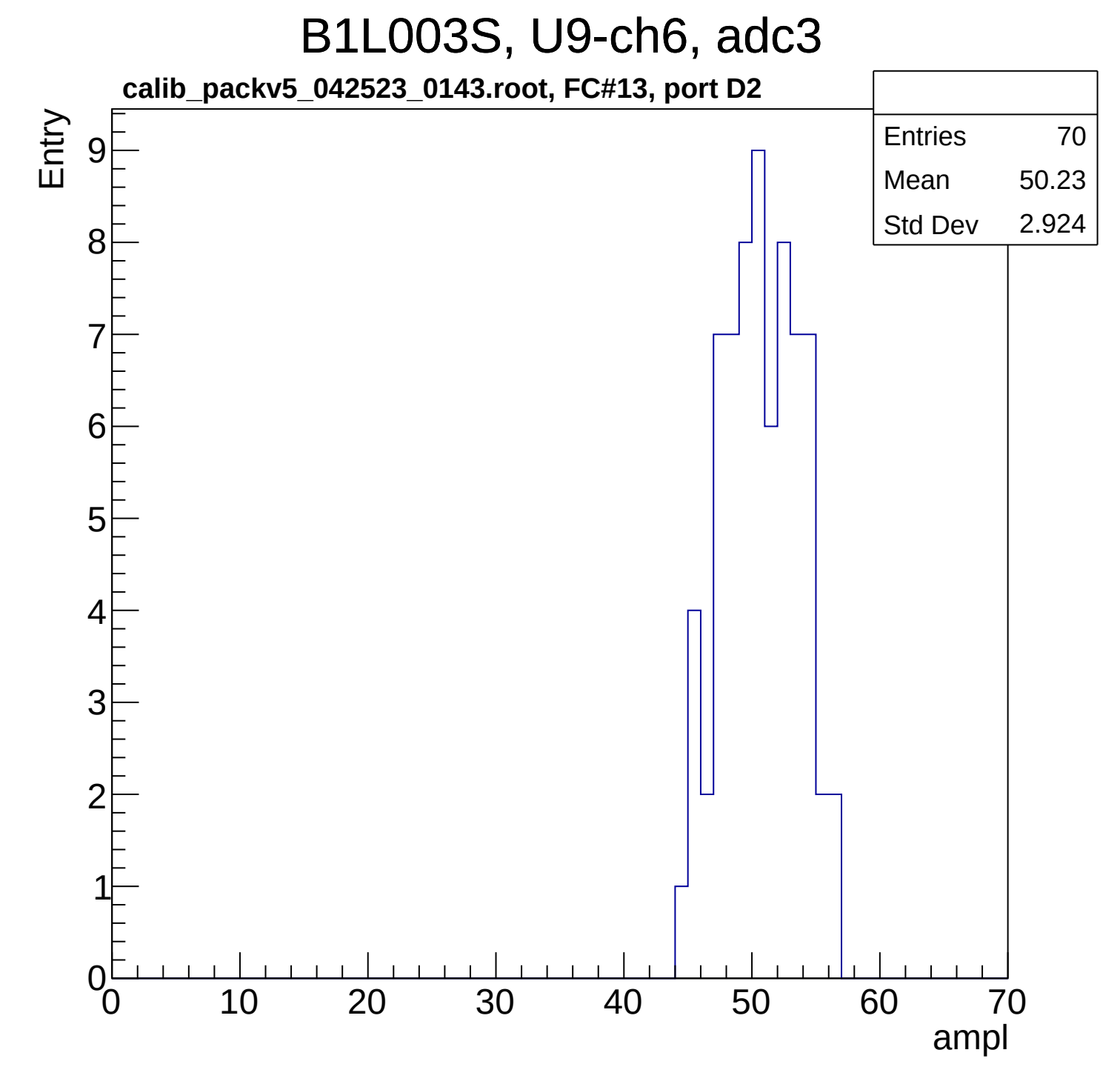
B1L003S, U9-ch6, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 50.23
Std Dev 2.924
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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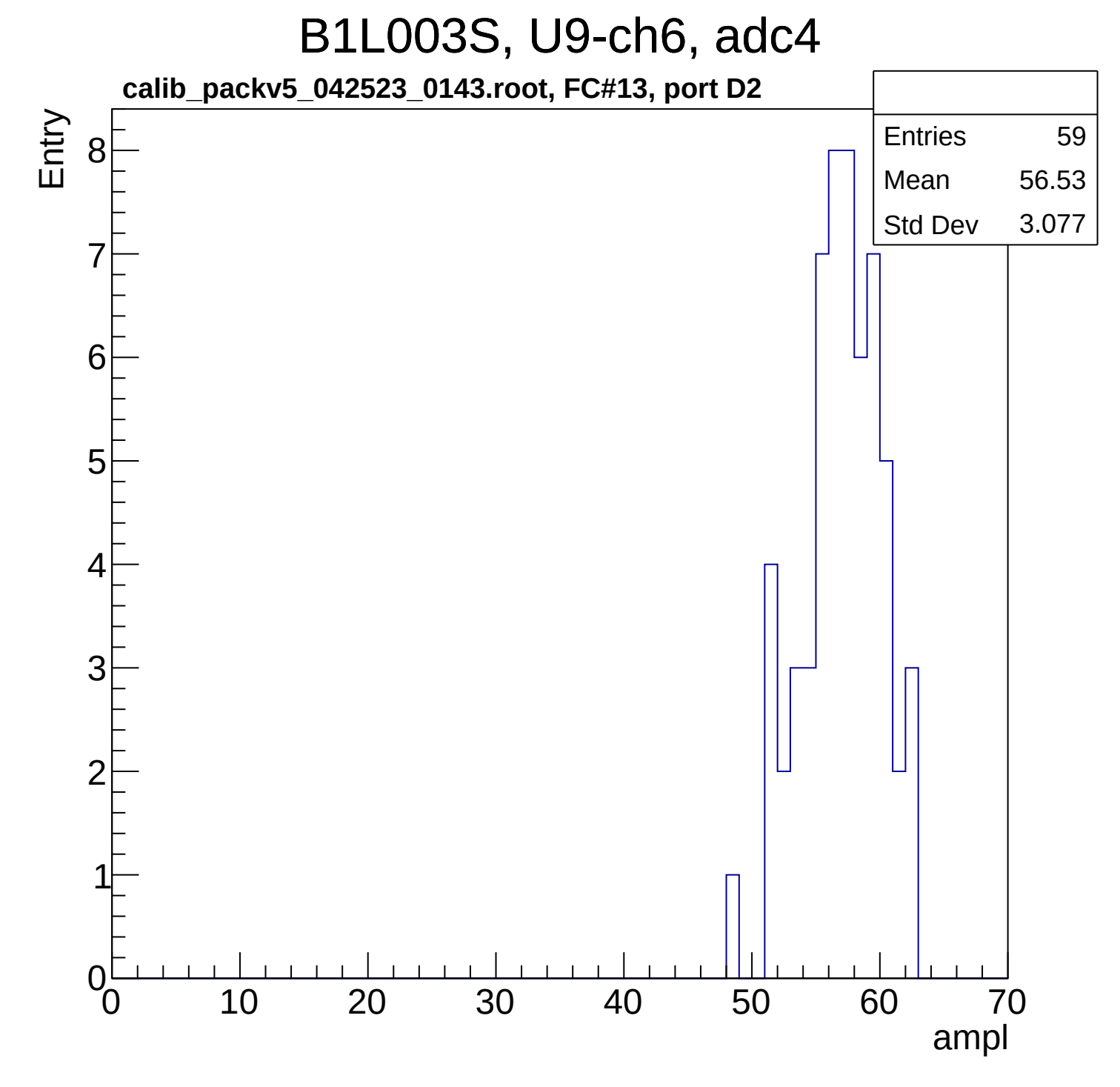
B1L003S, U9-ch6, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 56.53
Std Dev 3.077
Entry
ampl
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5
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0
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60
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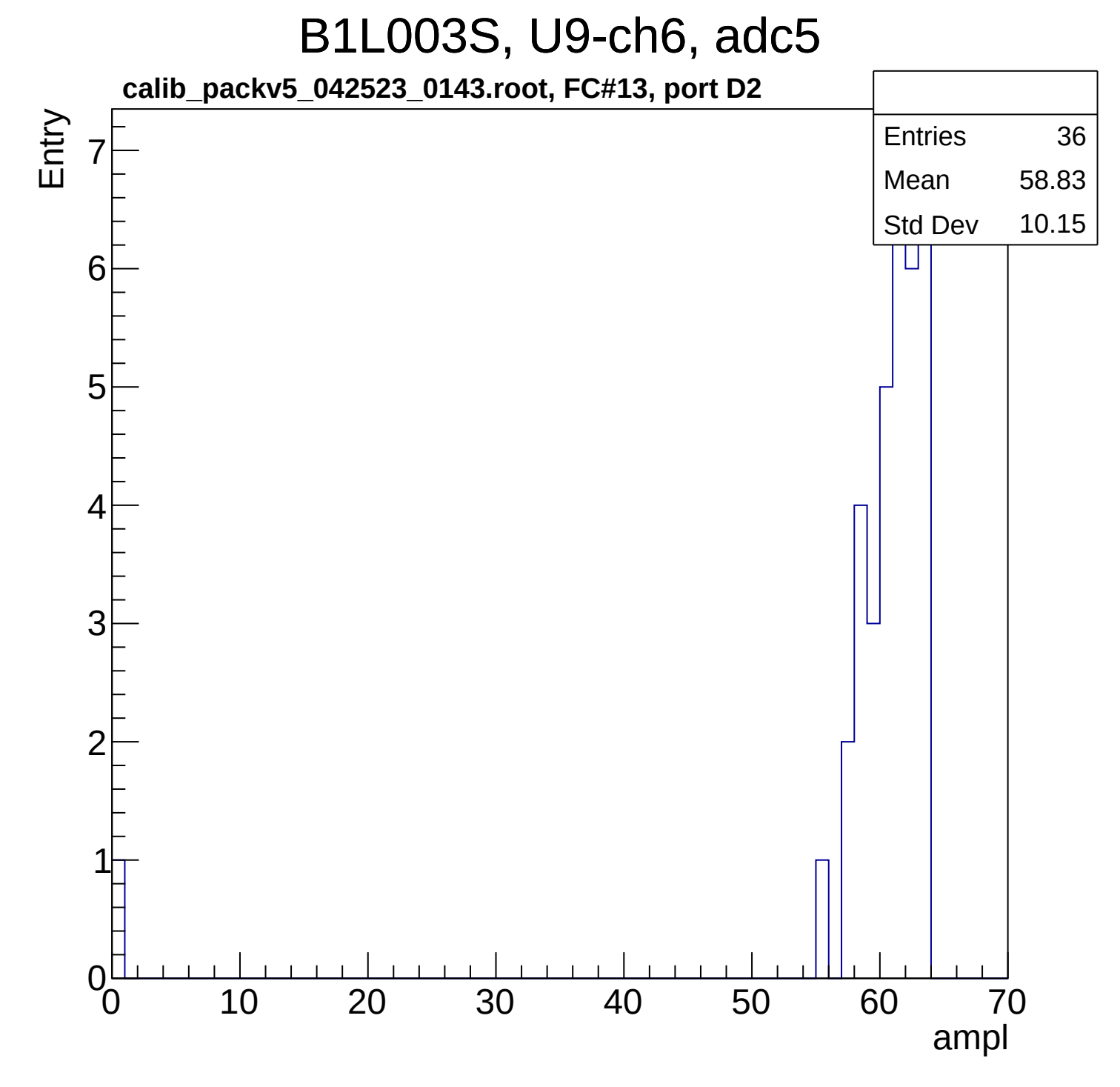
B1L003S, U9-ch6, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 58.83
Std Dev 10.15
Entry
ampl
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1
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3
4
5
6
7
0
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20
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40
50
60
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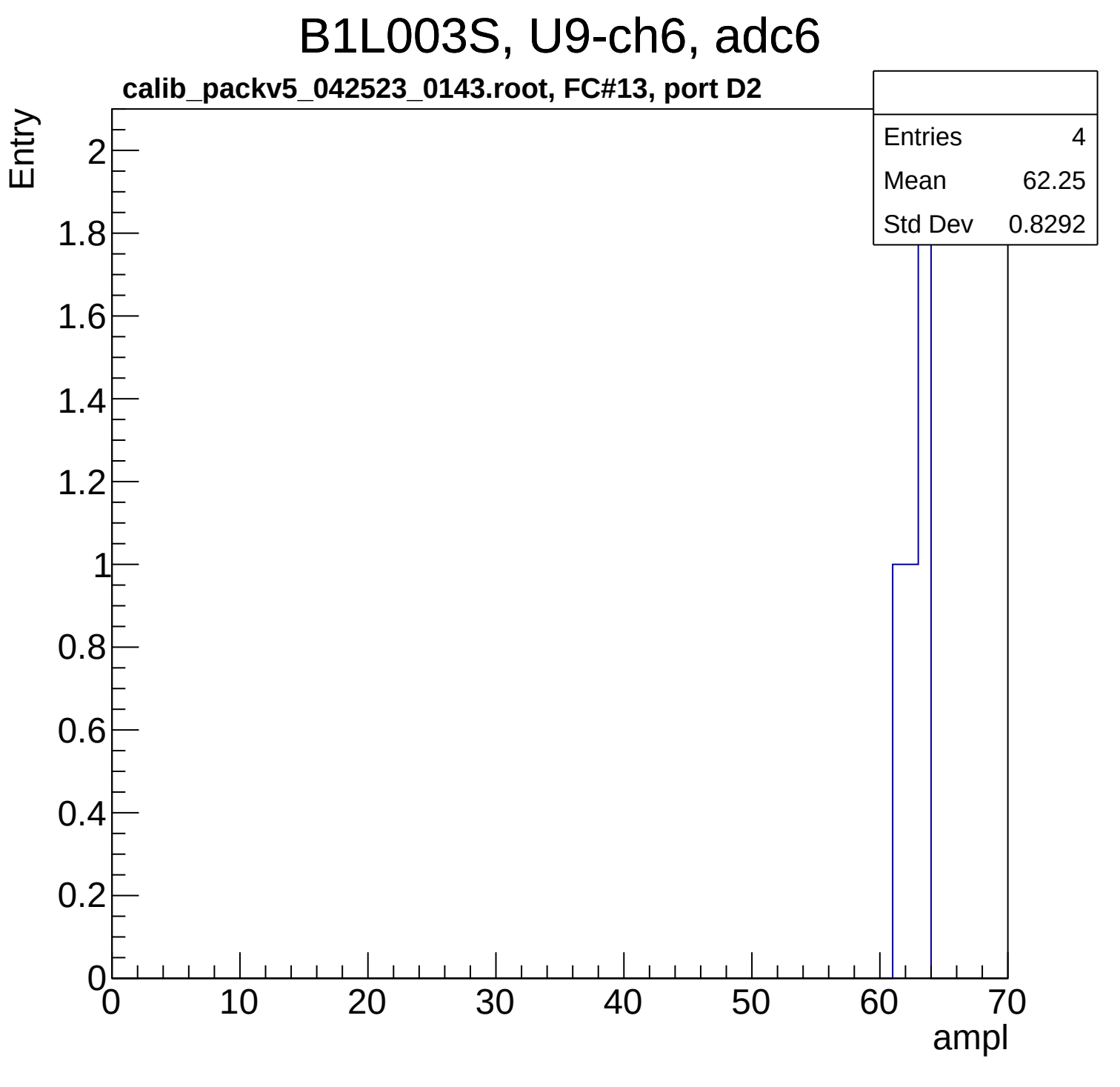
B1L003S, U9-ch6, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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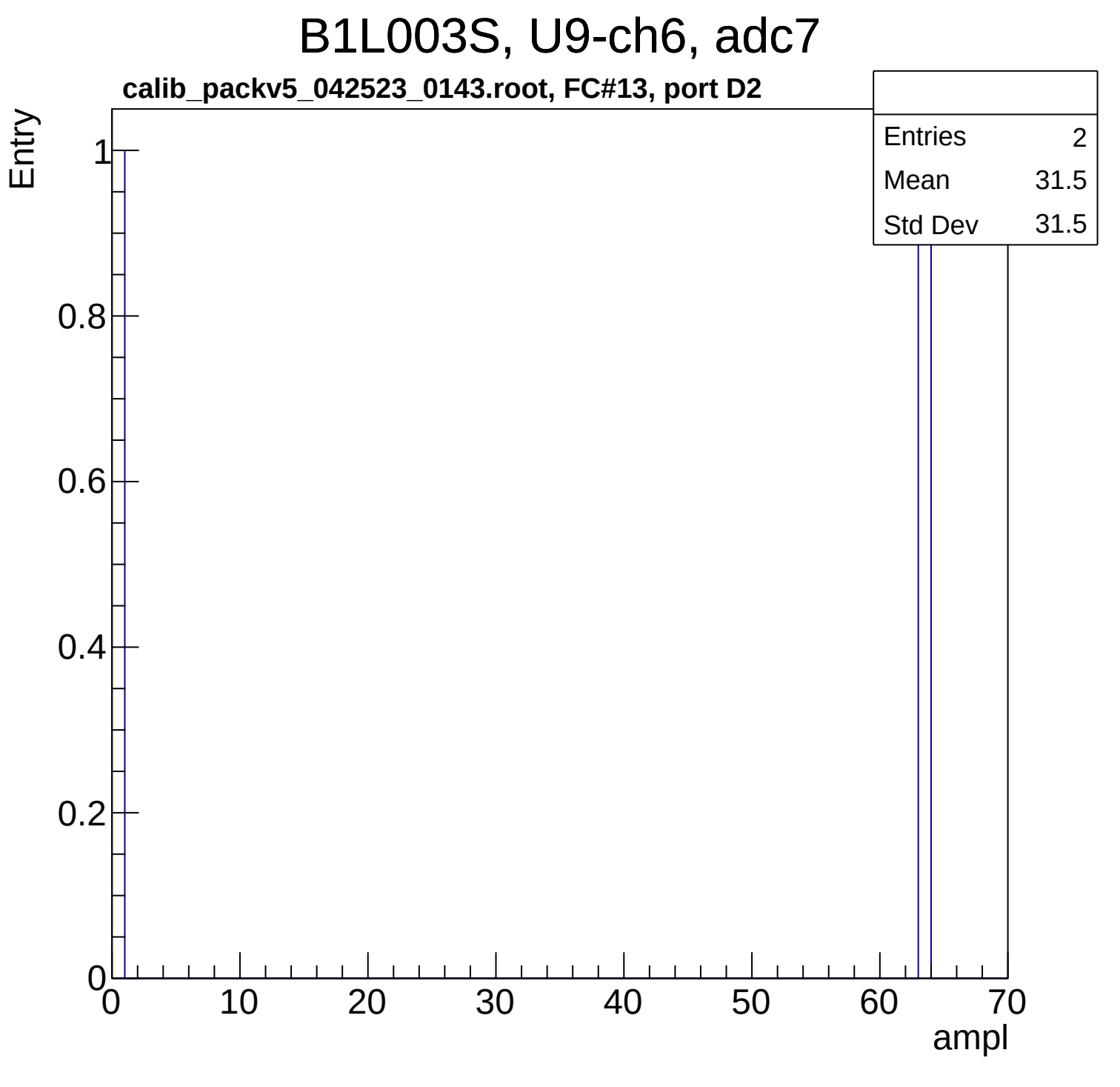
B1L003S, U9-ch6, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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0.6
0.4
0.2
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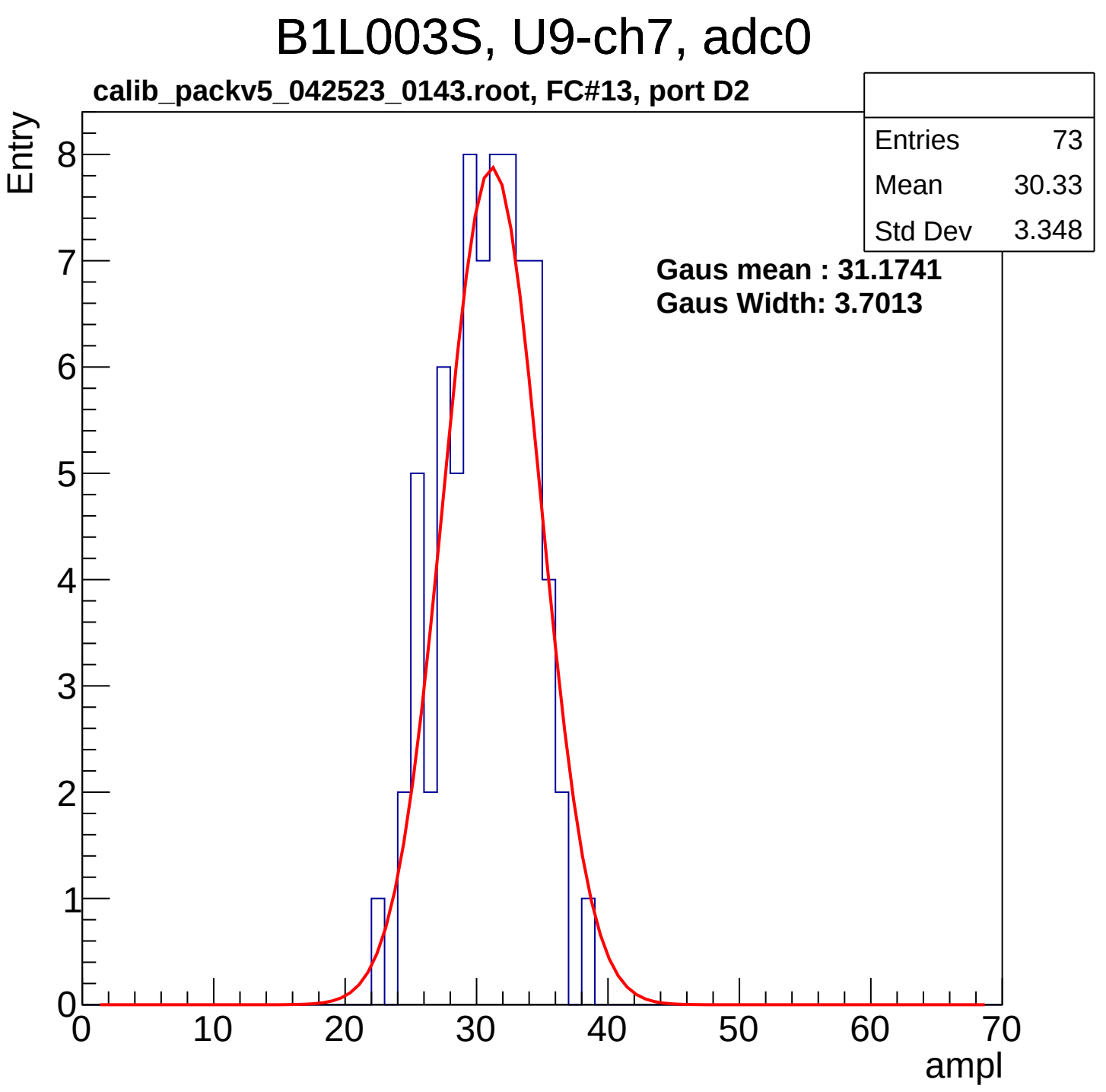
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch7, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 30.33
Std Dev 3.348
Gaus mean : 31.1741
Gaus Width: 3.7013
Entry
ampl
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2
3
4
5
6
7
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0
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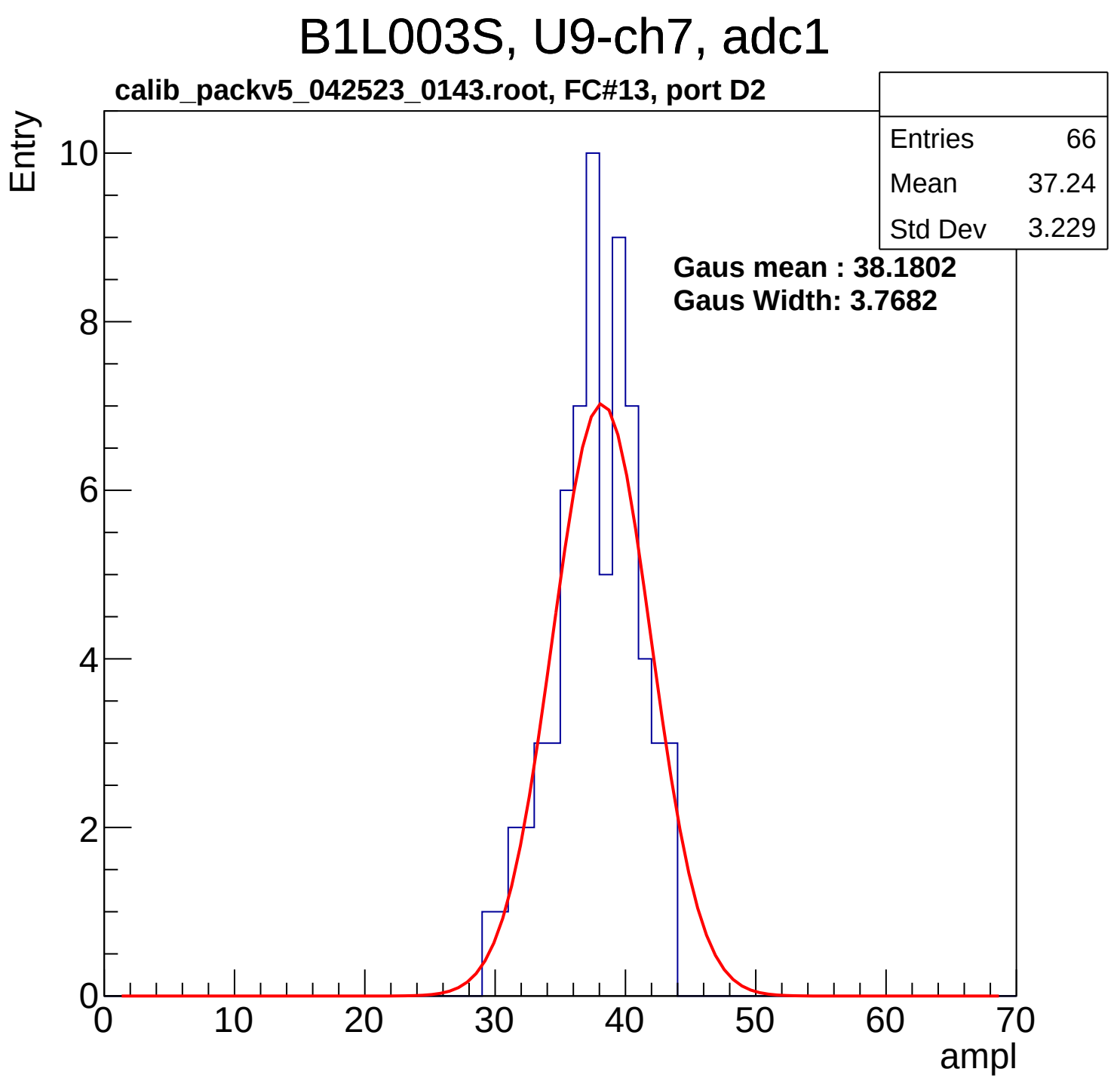
60
70


B1L003S, U9-ch7, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 37.24
Std Dev 3.229
Gaus mean : 38.1802
Gaus Width: 3.7682
Entry
ampl
0
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4
6
8
10
0
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20
30
40
50
60
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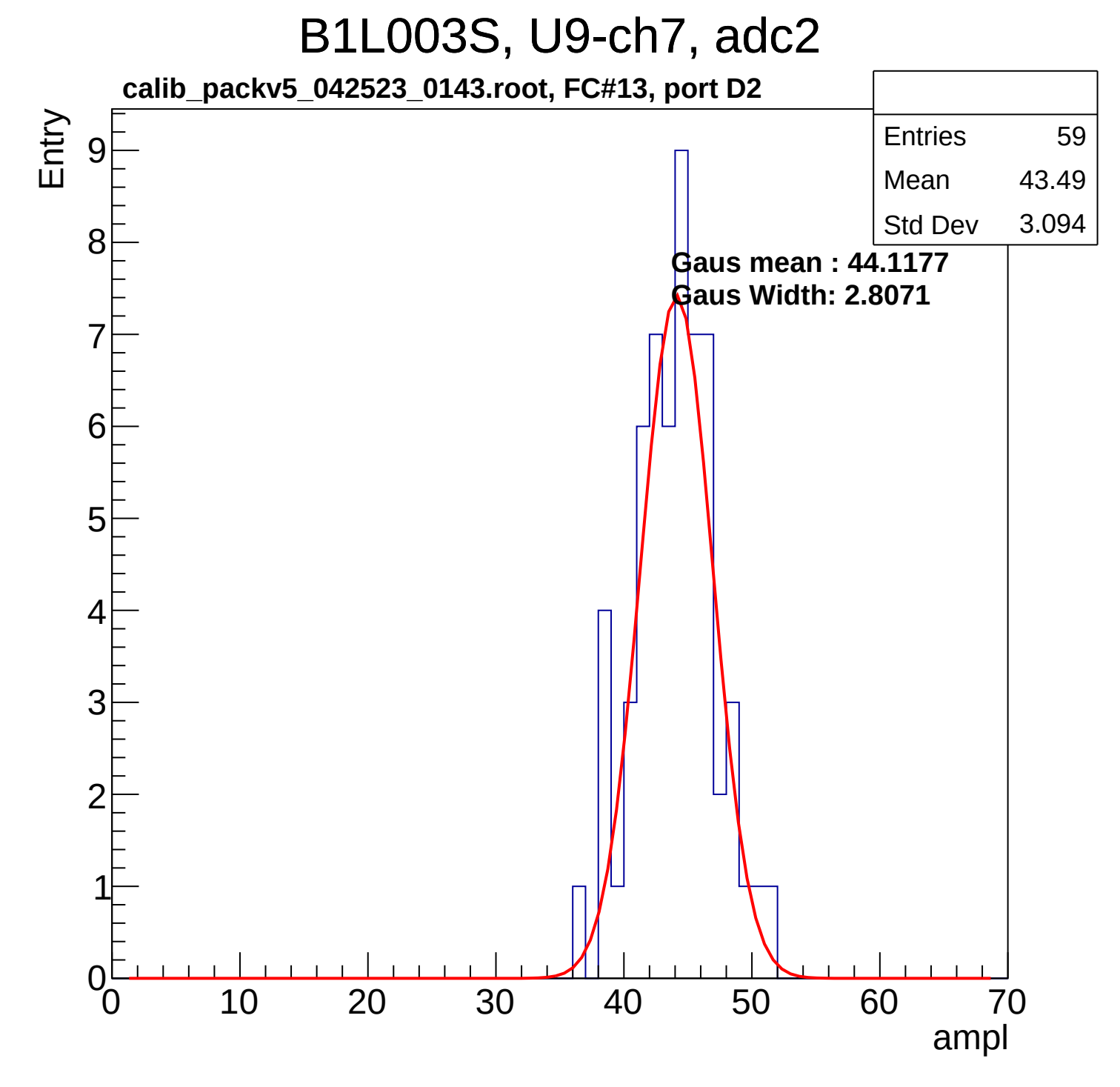
B1L003S, U9-ch7, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 43.49
Std Dev 3.094
Gaus mean : 44.1177
Gaus Width: 2.8071
Entry
ampl
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2
3
4
5
6
7
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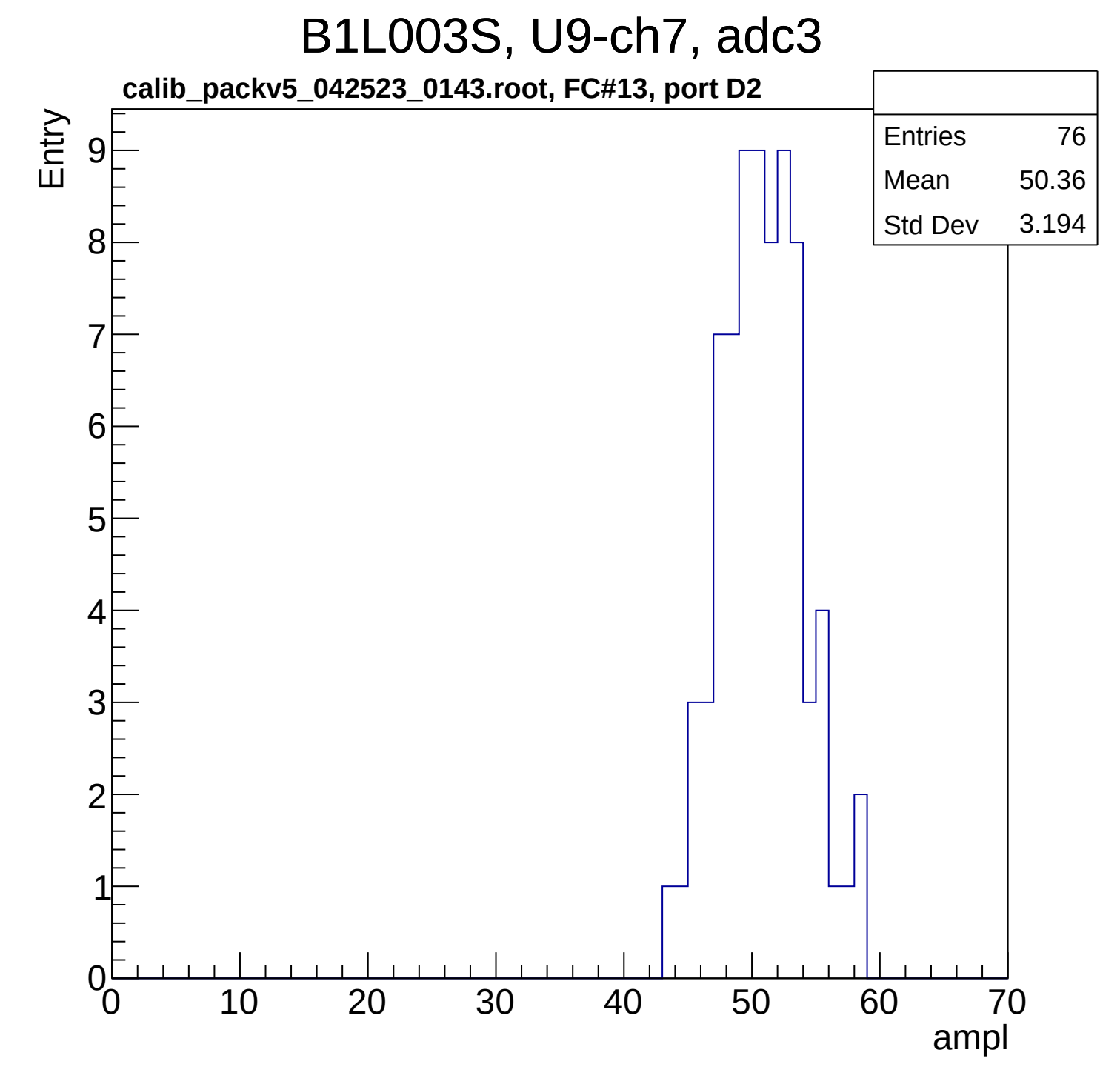
B1L003S, U9-ch7, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 50.36
Std Dev 3.194
Entry
ampl
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3
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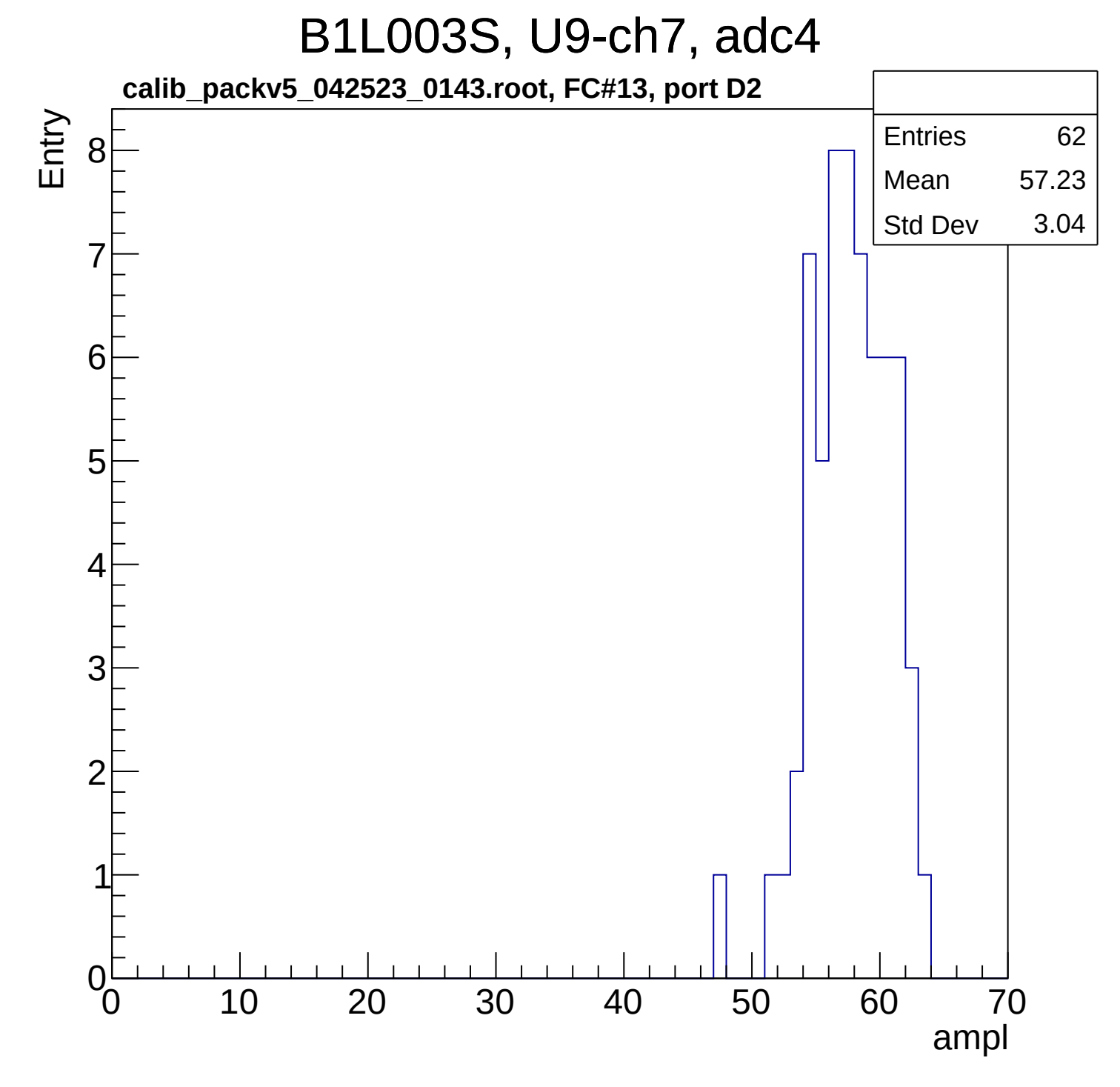
B1L003S, U9-ch7, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 57.23
Std Dev 3.04
Entry
ampl
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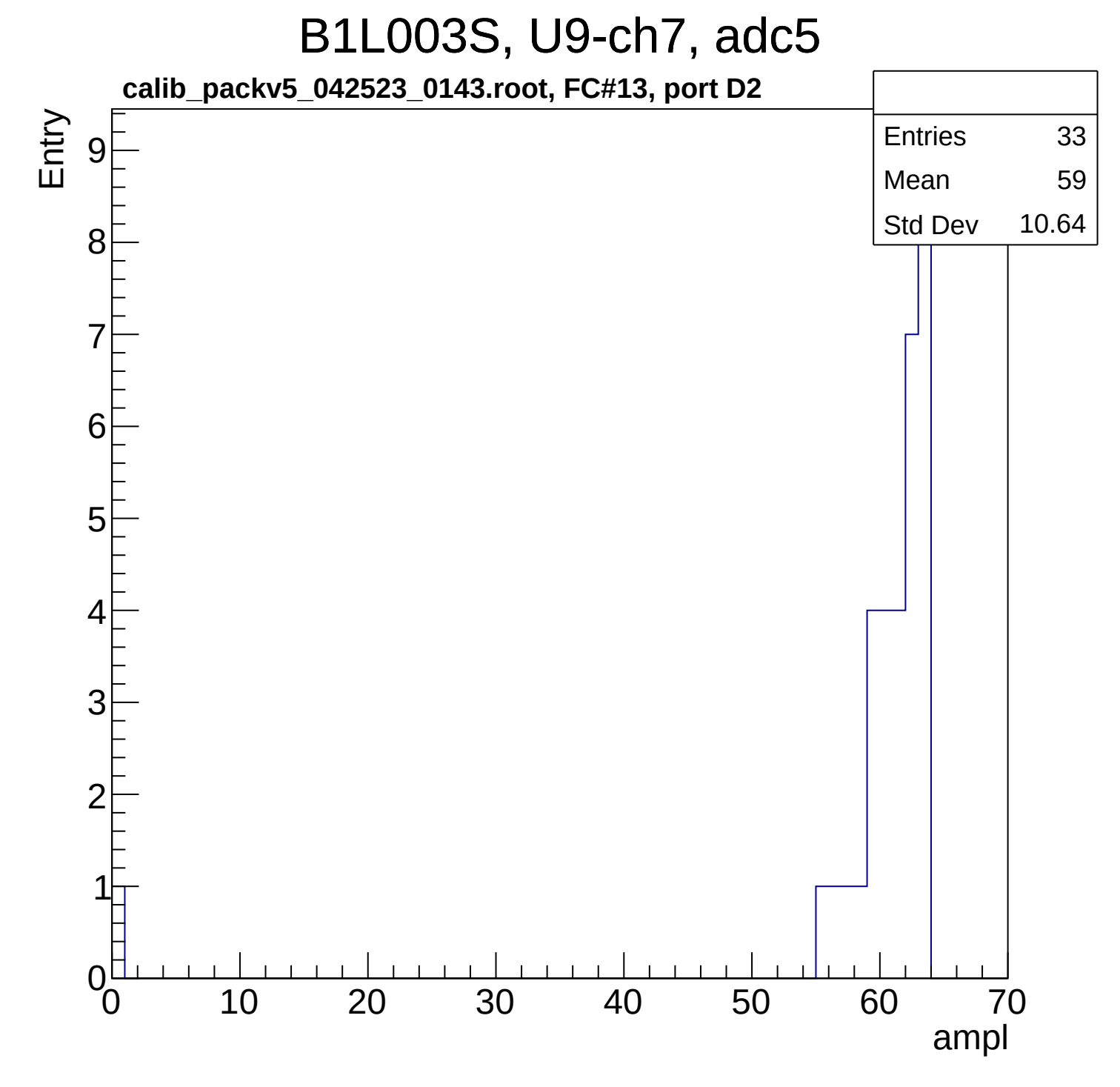
B1L003S, U9-ch7, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 33
Mean 59
Std Dev 10.64
Entry
ampl
0
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0
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60
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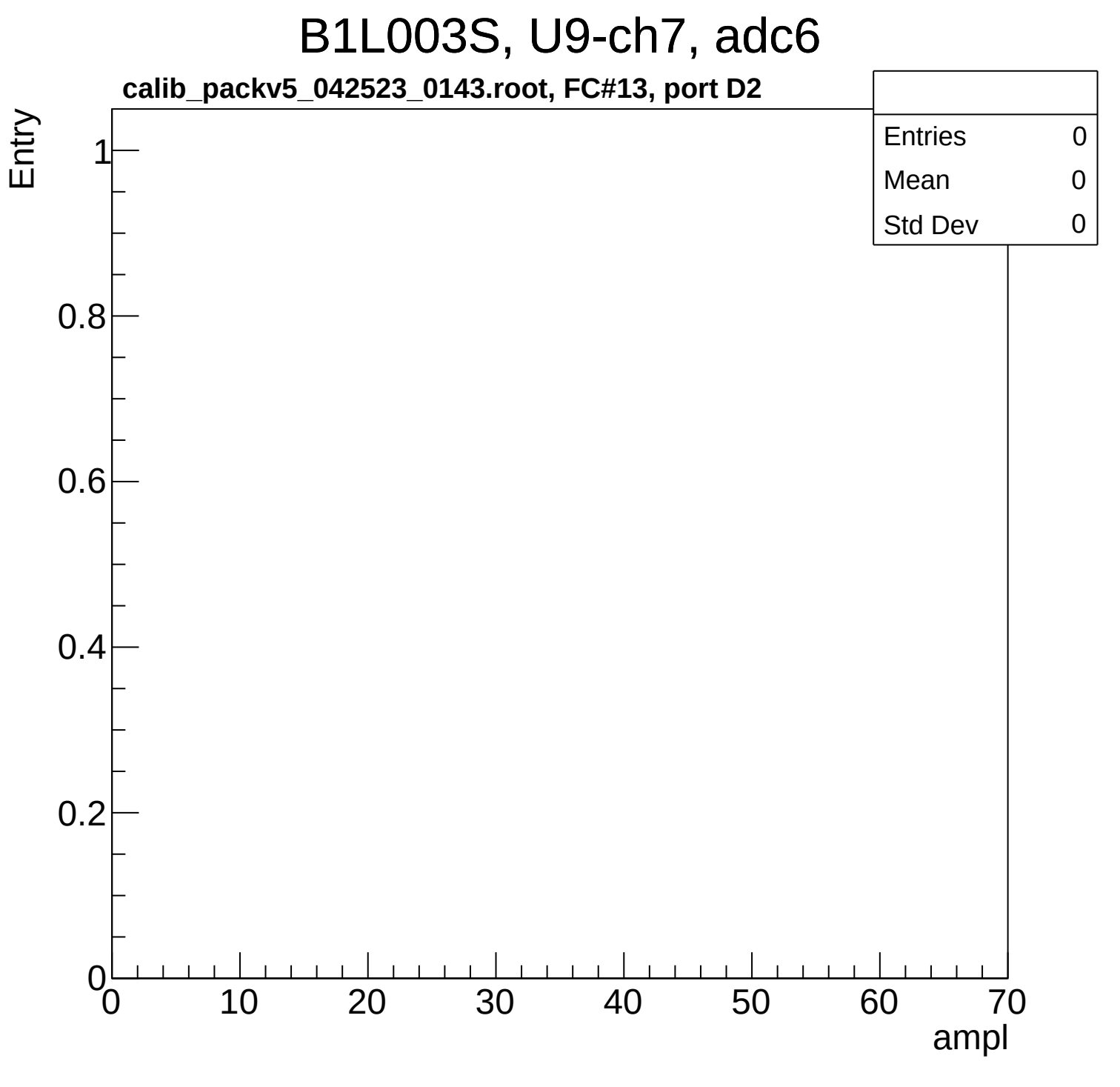
B1L003S, U9-ch7, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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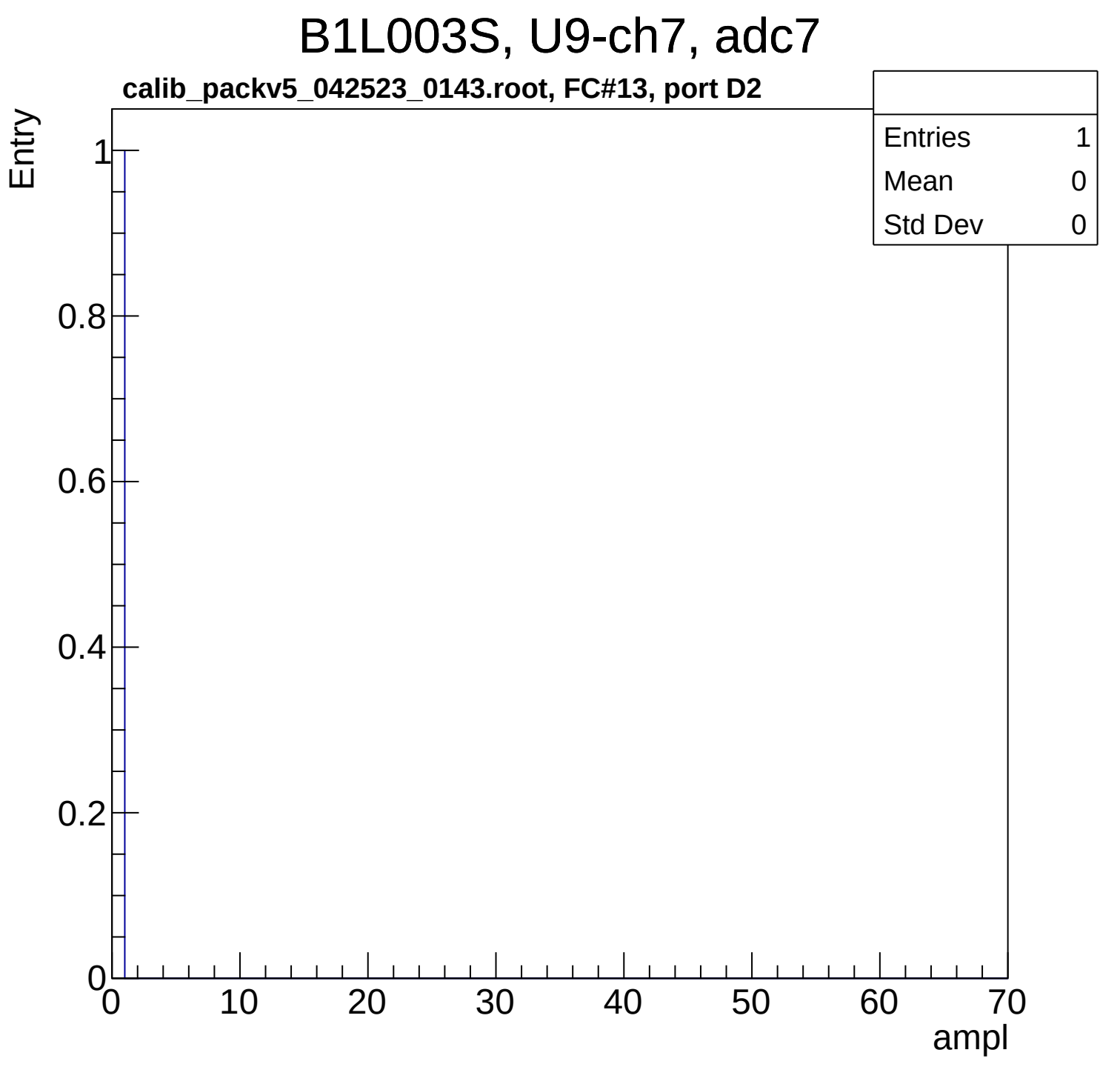
ampl


B1L003S, U9-ch7, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
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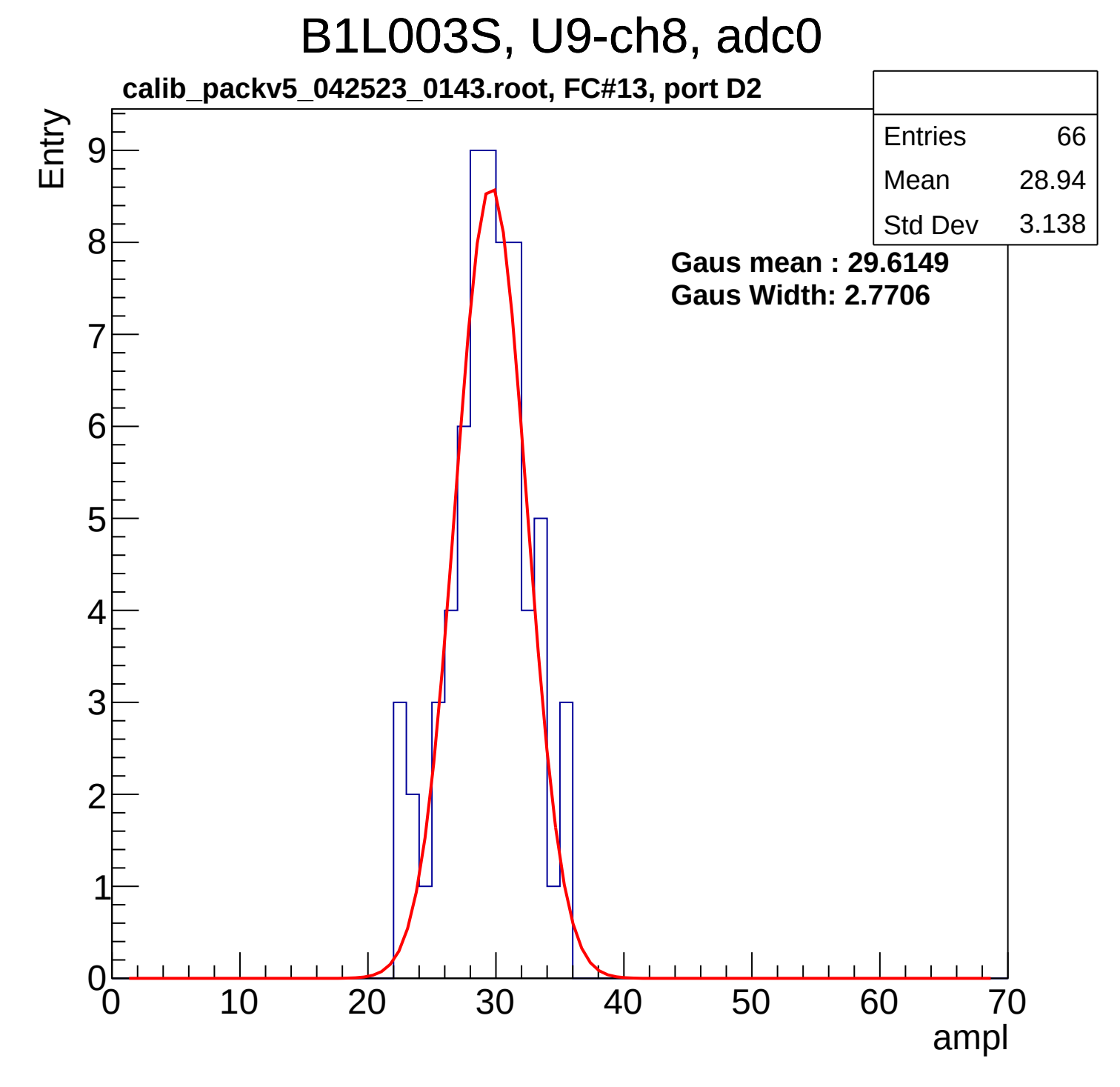
ampl


B1L003S, U9-ch8, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 28.94
Std Dev 3.138
Gaus mean : 29.6149
Gaus Width: 2.7706
Entry
ampl
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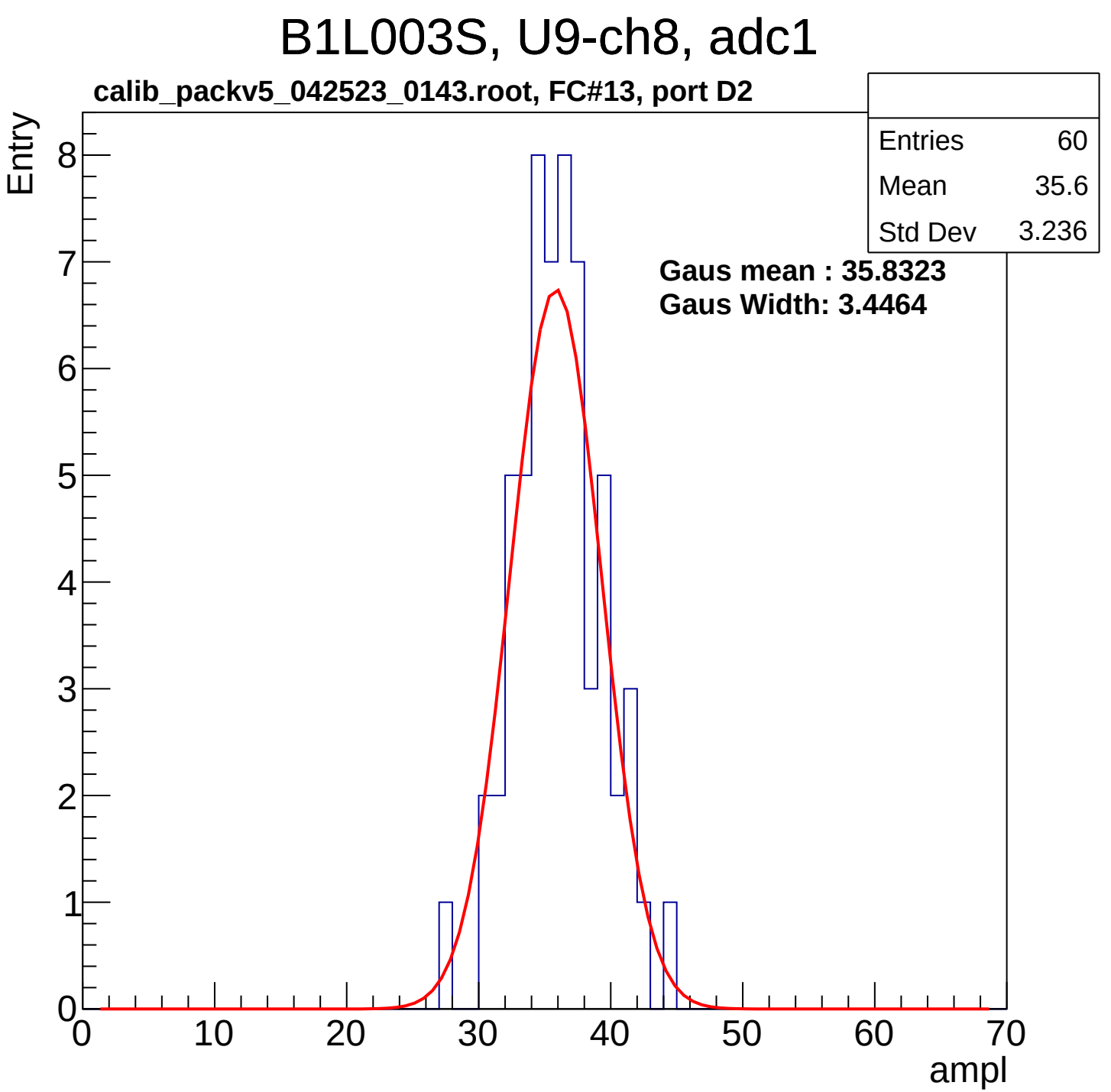
B1L003S, U9-ch8, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 35.6
Std Dev 3.236
Gaus mean : 35.8323
Gaus Width: 3.4464
Entry
ampl
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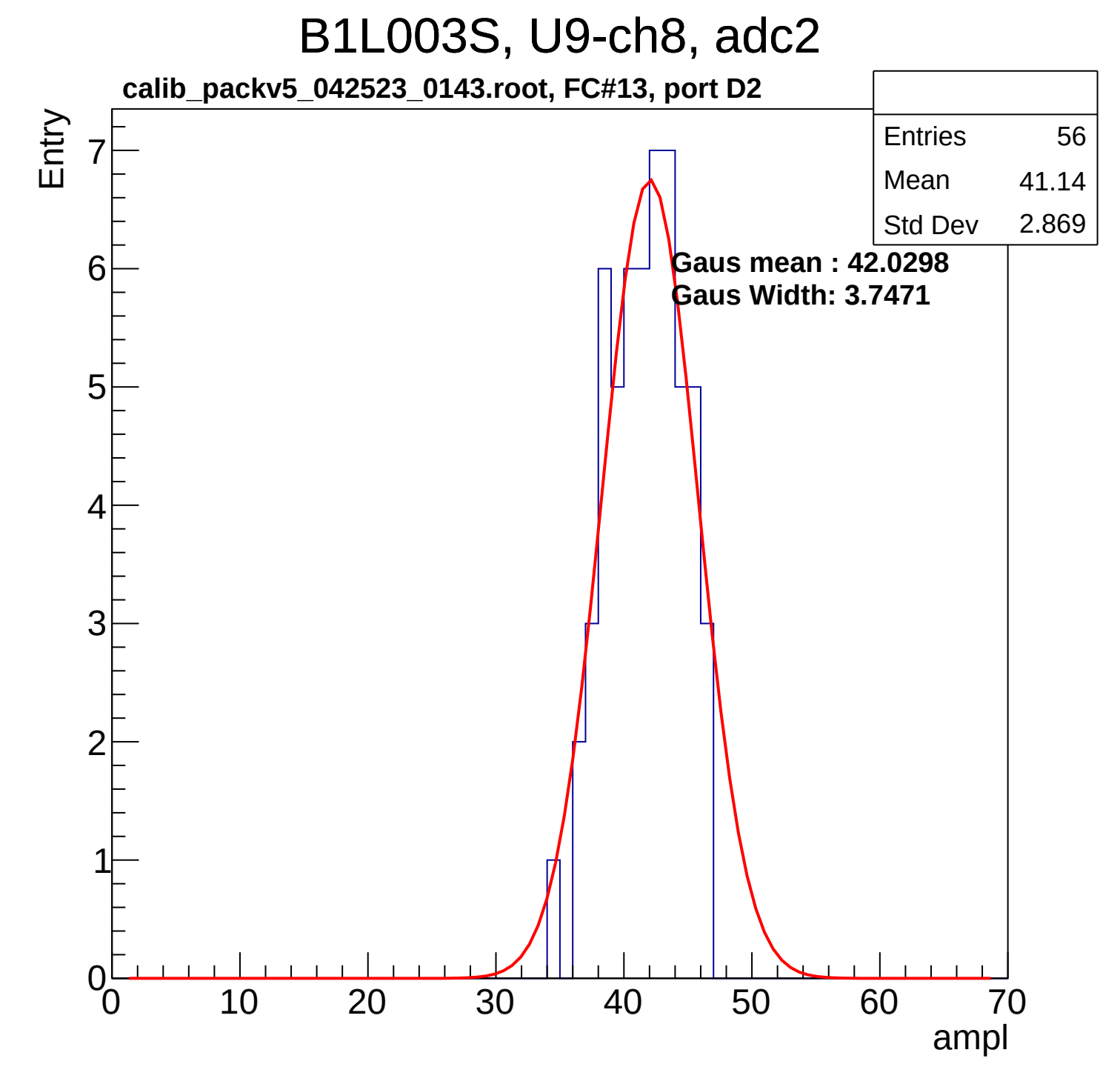
B1L003S, U9-ch8, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 41.14
Std Dev 2.869
Gaus mean : 42.0298
Gaus Width: 3.7471
Entry
ampl
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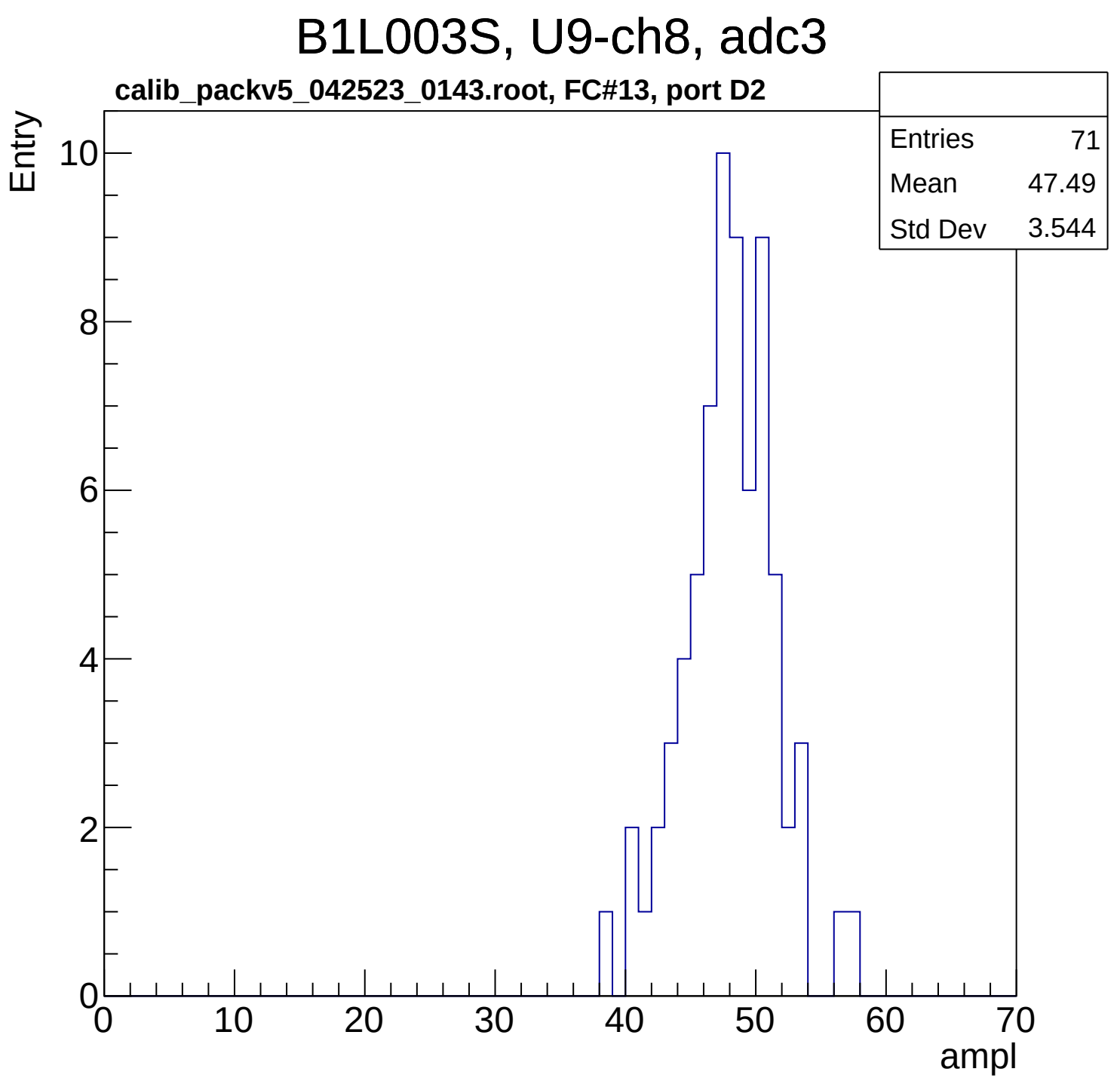
B1L003S, U9-ch8, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 47.49
Std Dev 3.544
Entry
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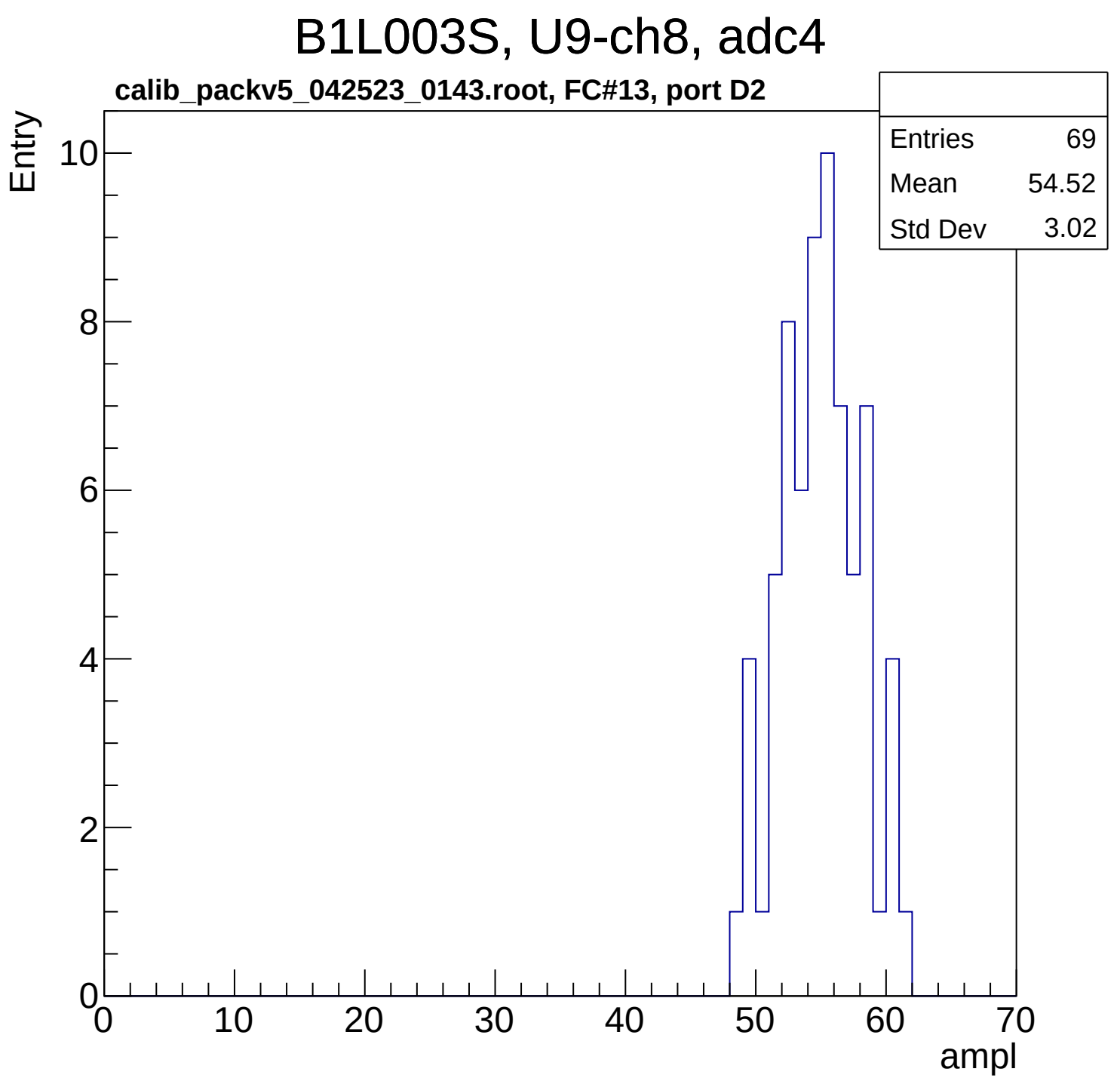
ampl


B1L003S, U9-ch8, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 54.52
Std Dev 3.02
Entry
0
2
4
6
8
10
0
10
20
30
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50
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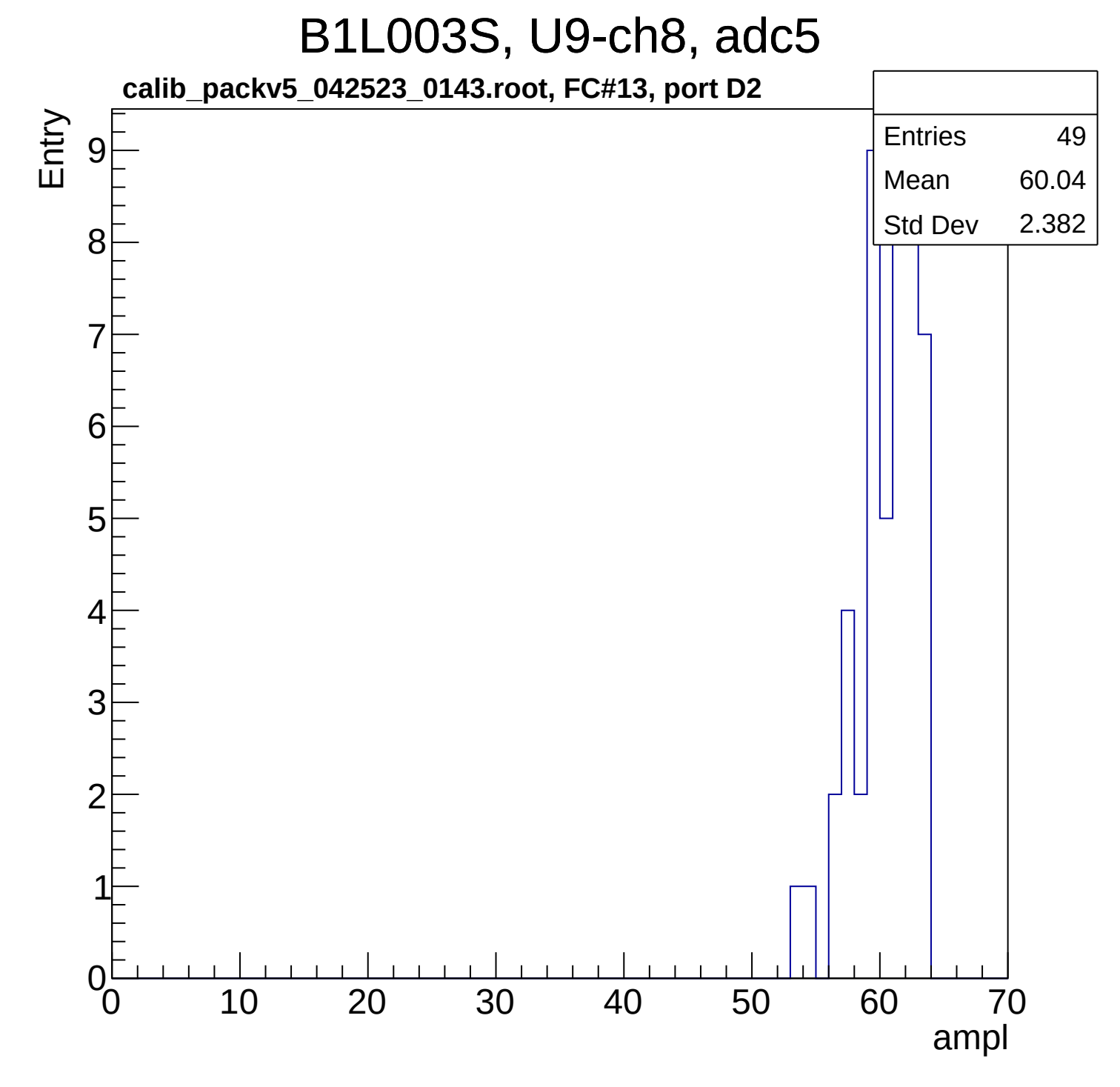
70
ampl


B1L003S, U9-ch8, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 60.04
Std Dev 2.382
Entry
ampl
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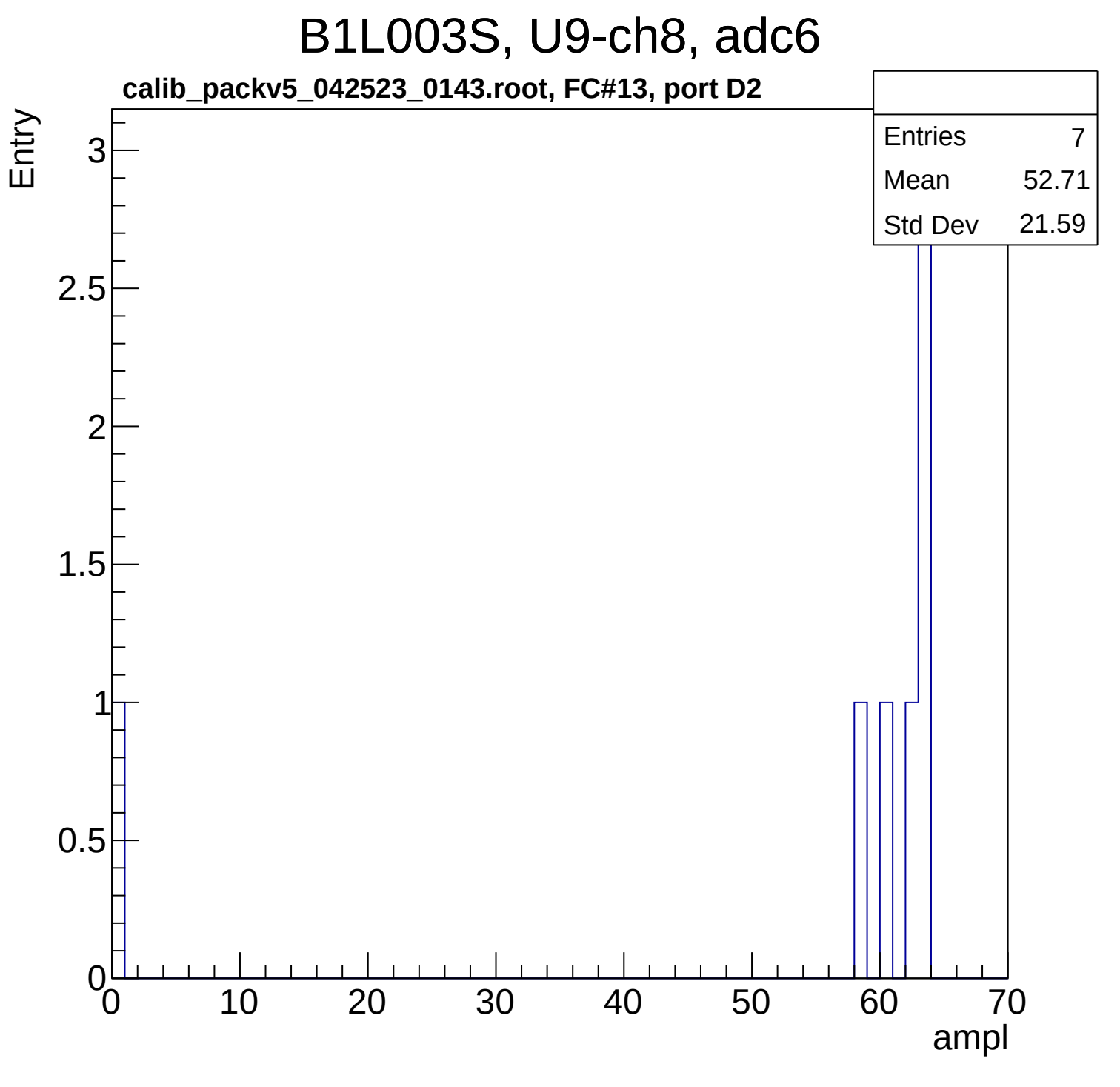
B1L003S, U9-ch8, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 52.71
Std Dev 21.59
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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40
50
60
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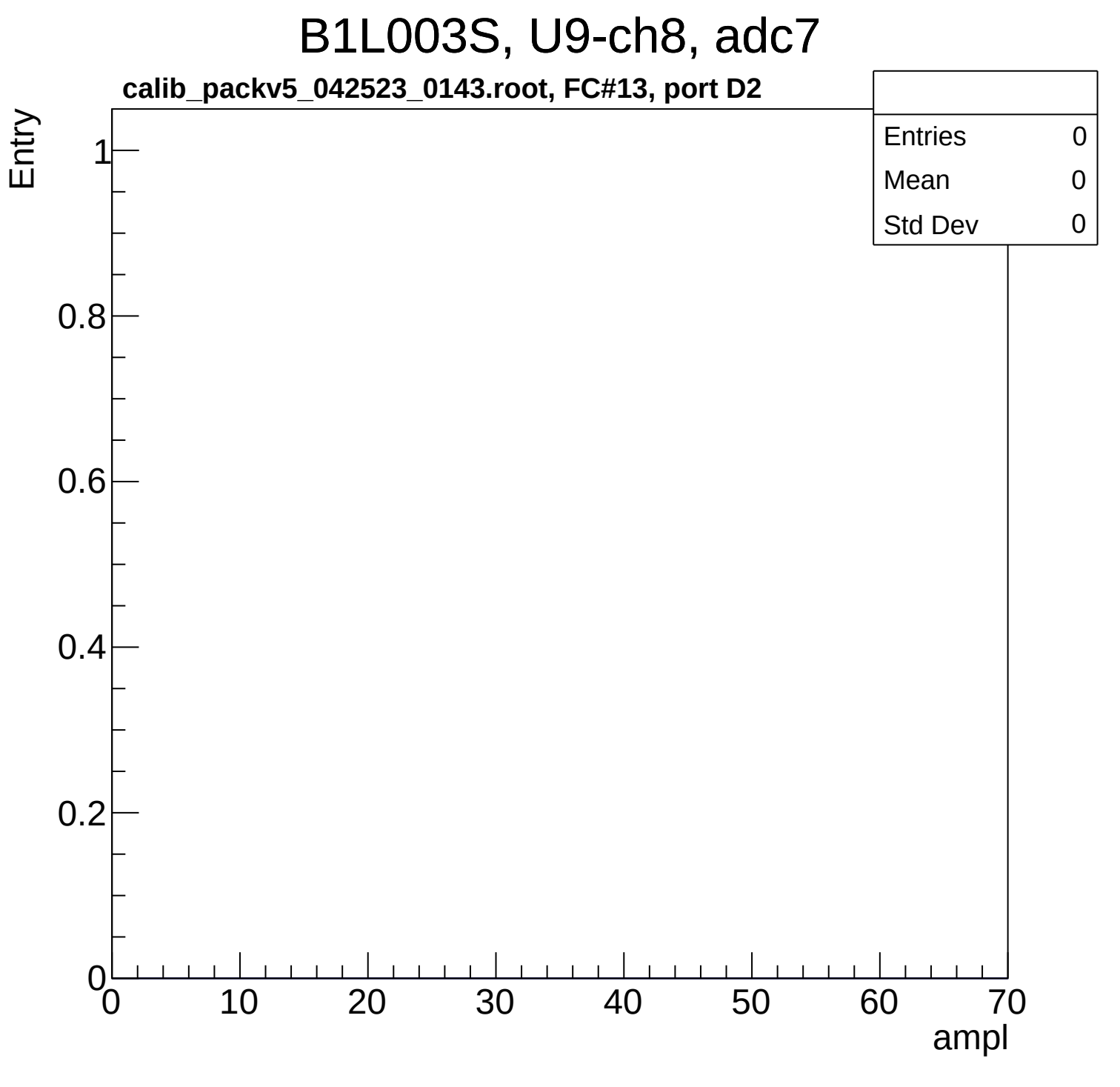
B1L003S, U9-ch8, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
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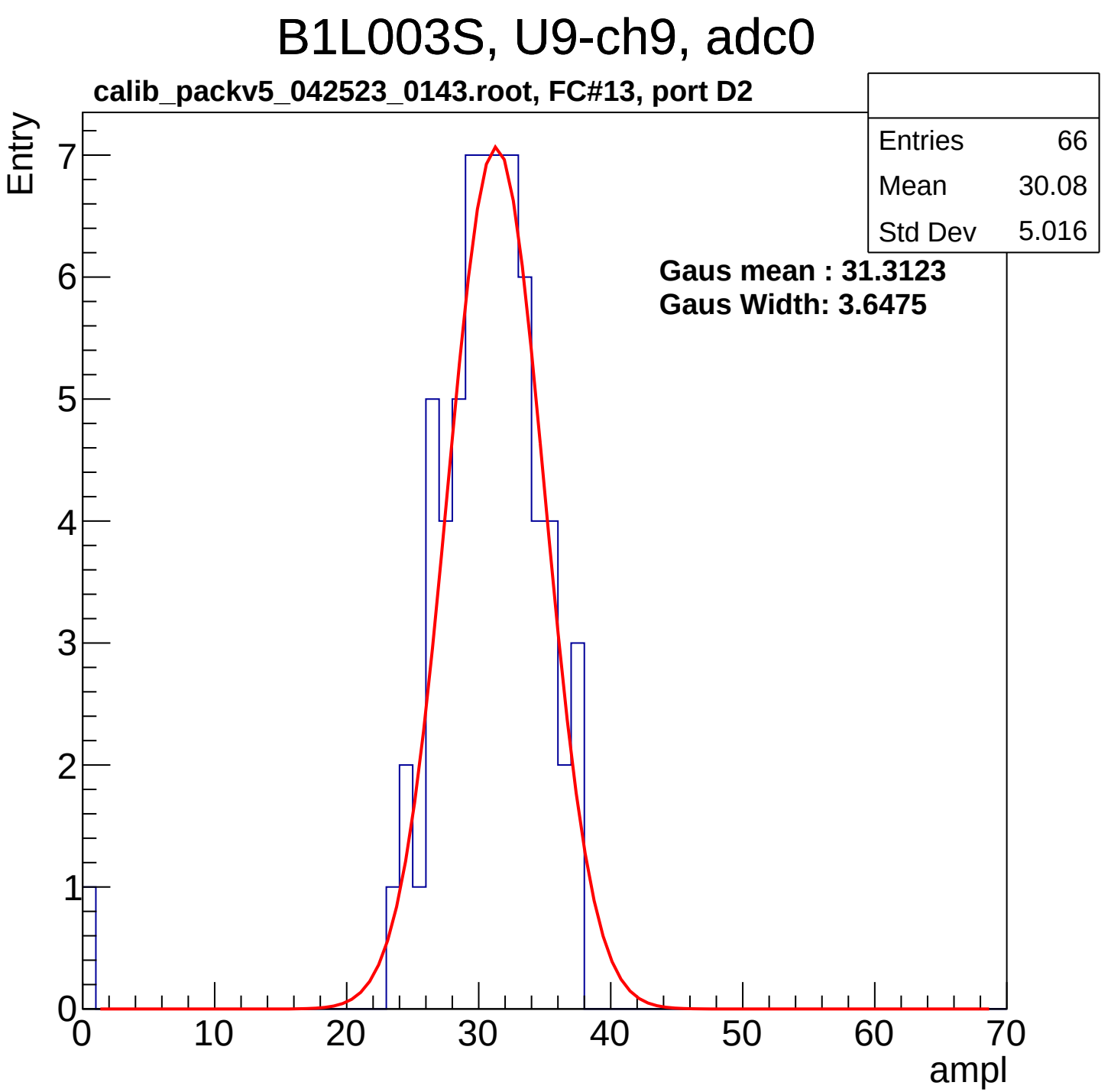
50
60
70
ampl


B1L003S, U9-ch9, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 30.08
Std Dev 5.016
Gaus mean : 31.3123
Gaus Width: 3.6475
Entry
ampl
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1
2
3
4
5
6
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0
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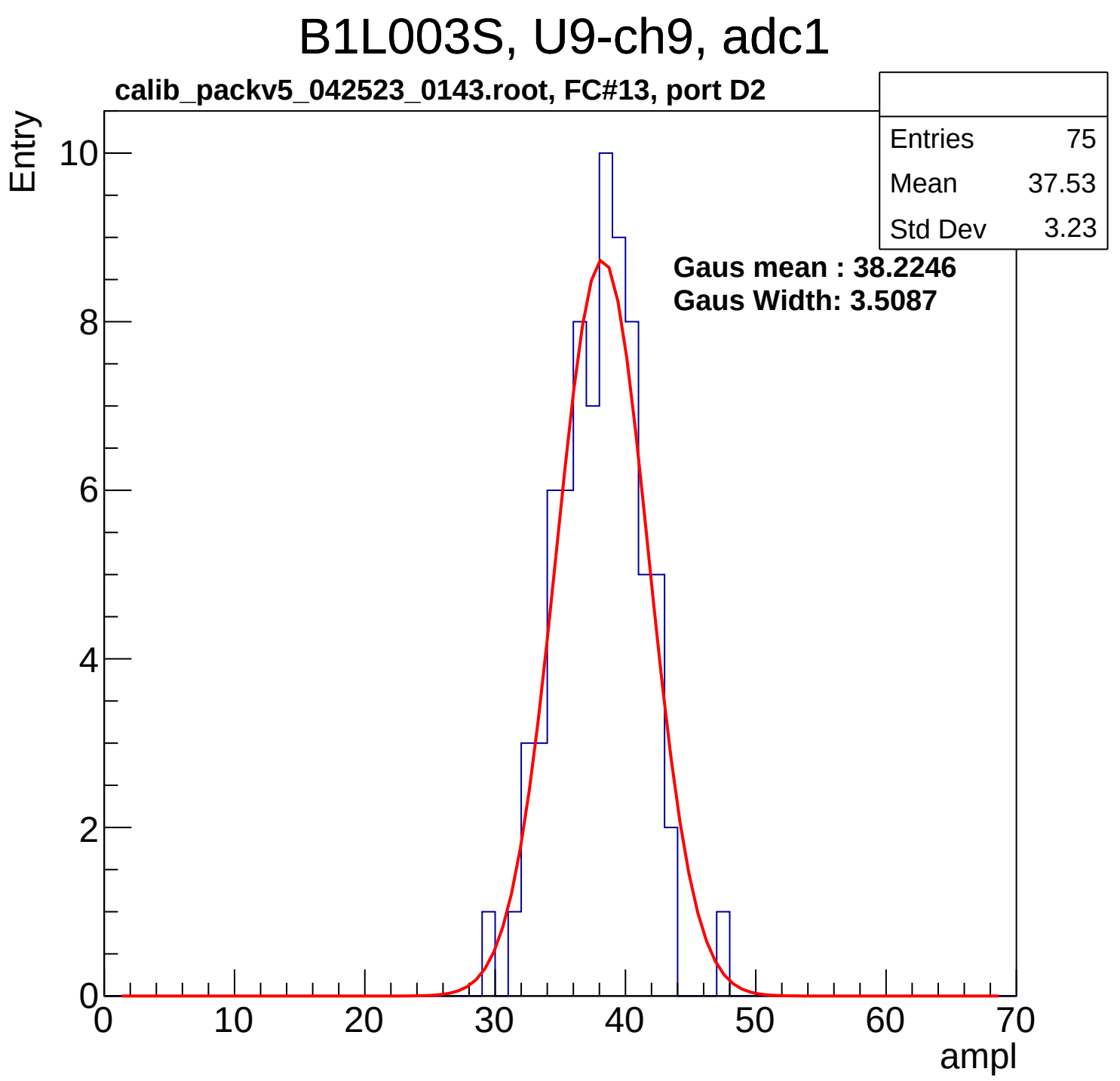
B1L003S, U9-ch9, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 37.53
Std Dev 3.23
Gaus mean : 38.2246
Gaus Width: 3.5087
Entry
ampl
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4
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8
10
0
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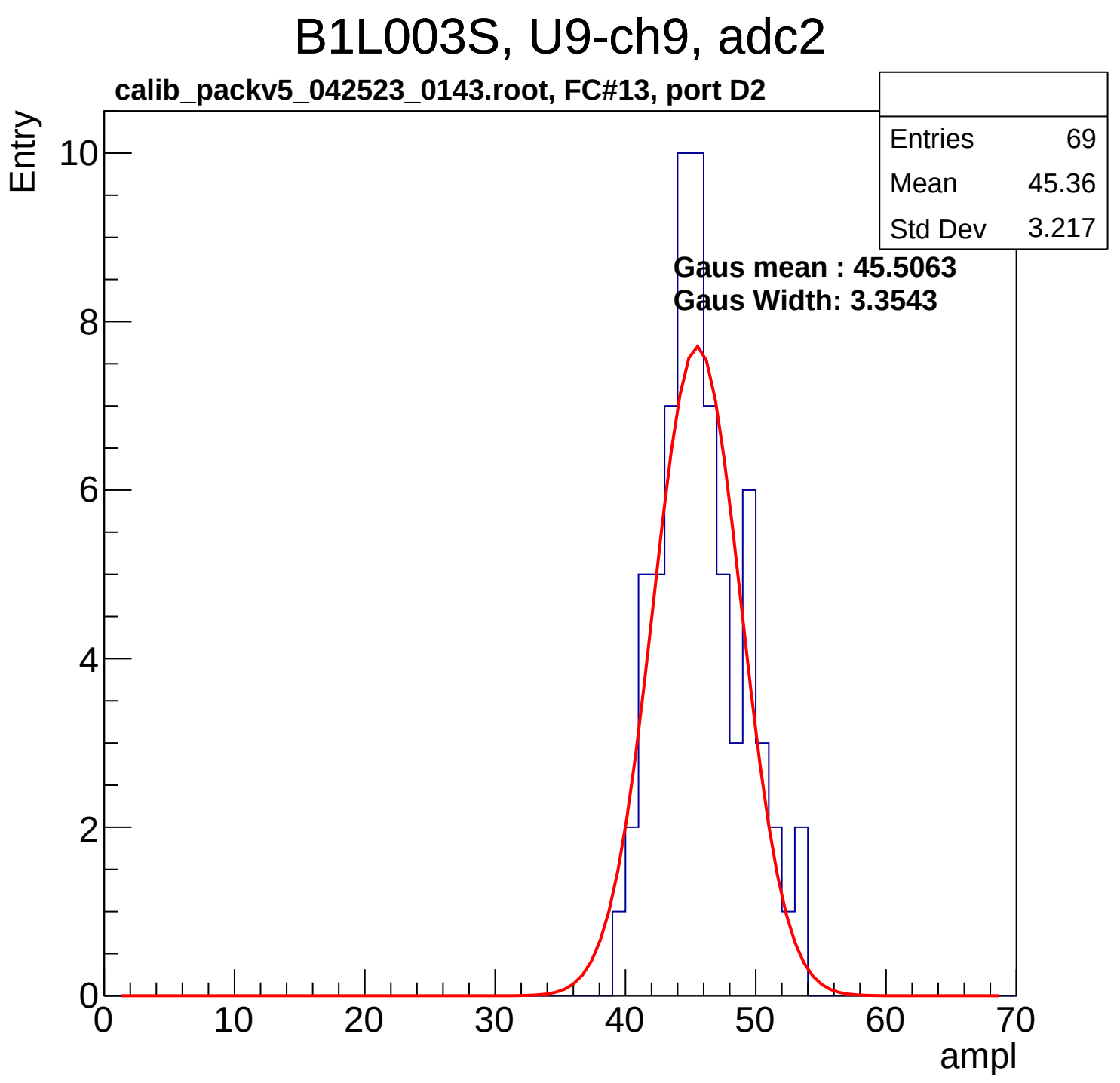
B1L003S, U9-ch9, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 45.36
Std Dev 3.217
Gaus mean : 45.5063
Gaus Width: 3.3543
Entry
ampl
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4
6
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0
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40
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60
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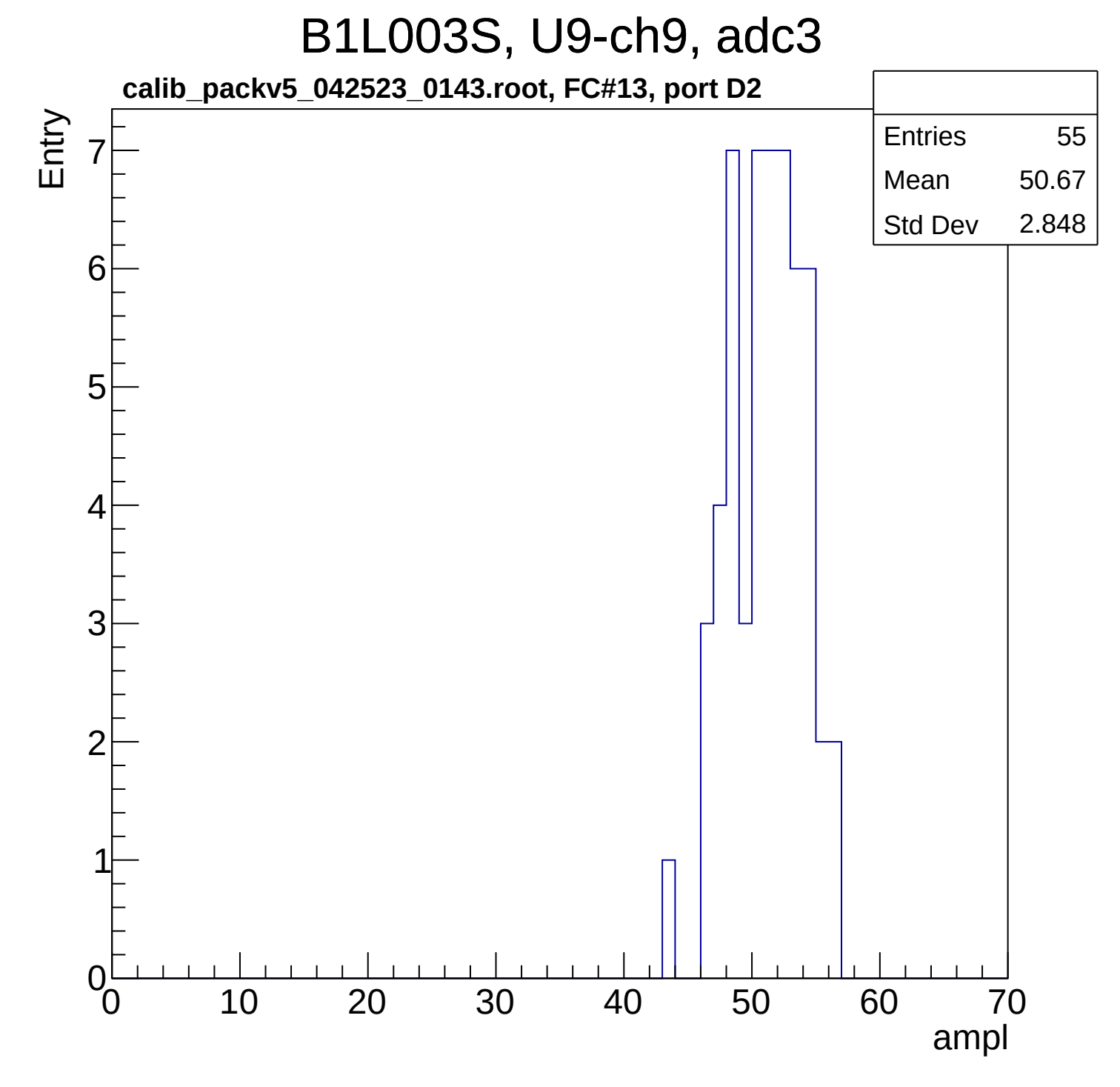
B1L003S, U9-ch9, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 50.67
Std Dev 2.848
Entry
ampl
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1
2
3
4
5
6
7
0
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40
50
60
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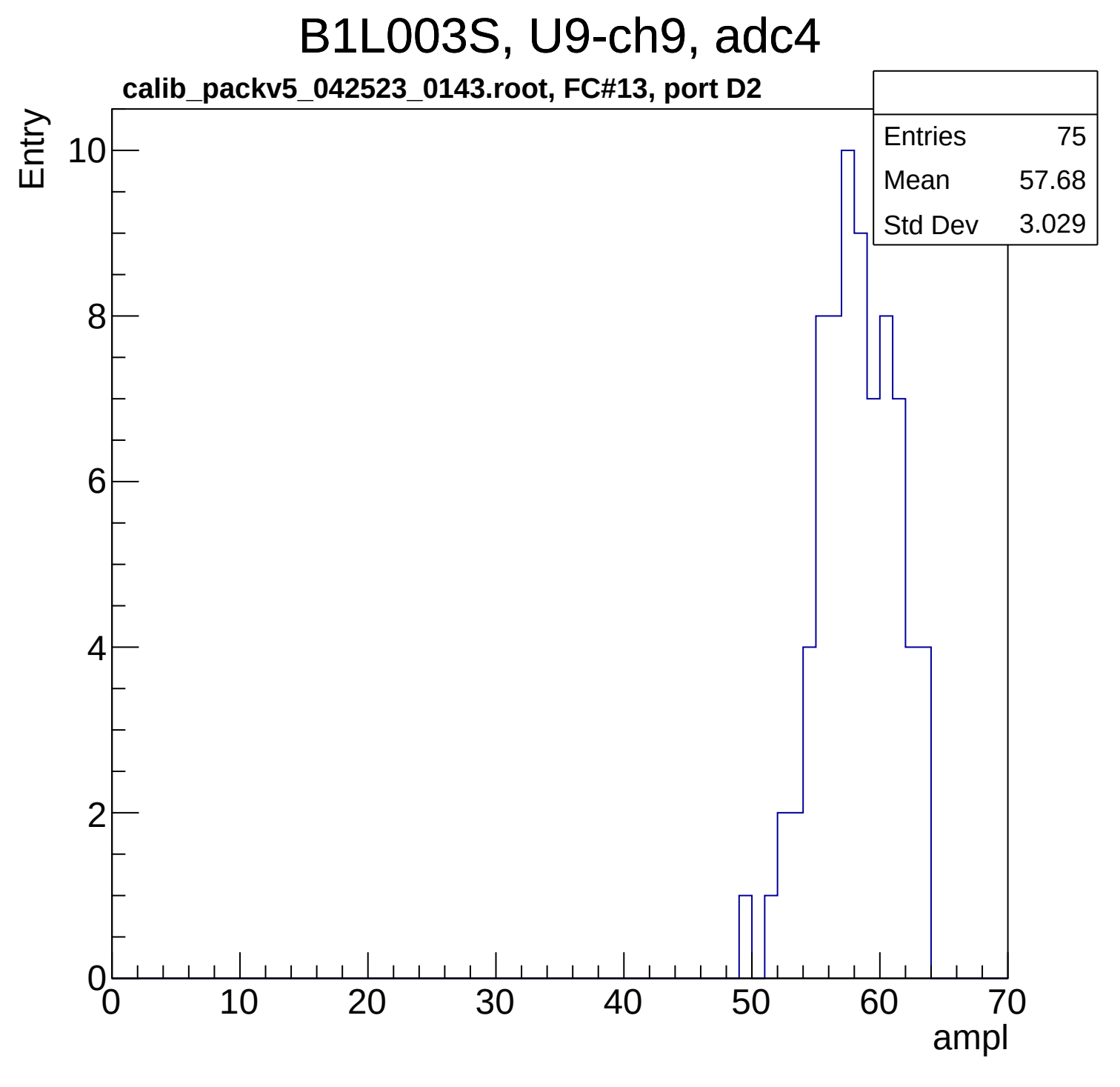
B1L003S, U9-ch9, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 57.68
Std Dev 3.029
Entry
ampl
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0
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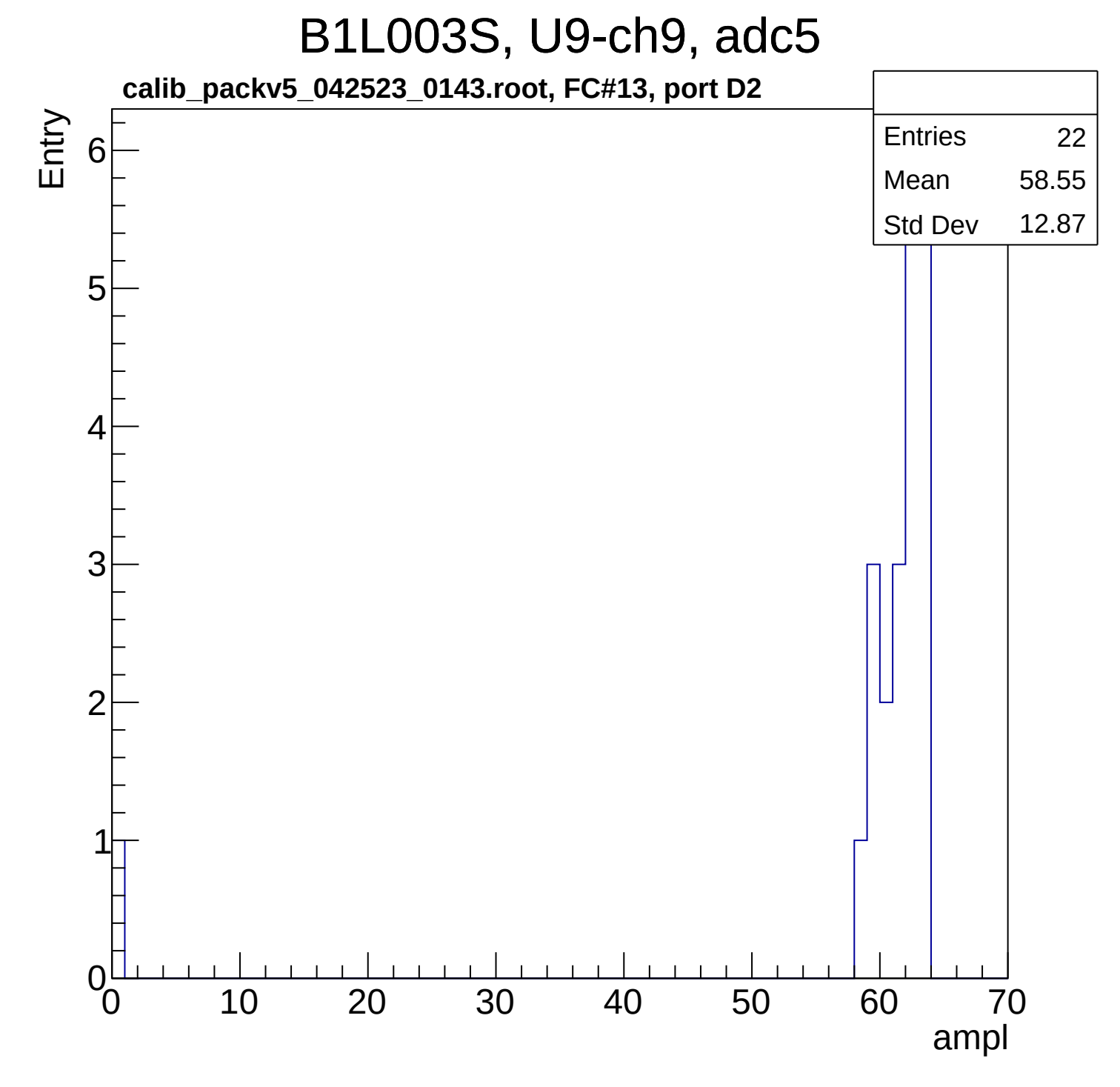
B1L003S, U9-ch9, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 22
Mean 58.55
Std Dev 12.87
Entry
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2
3
4
5
6
0
10
20
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50
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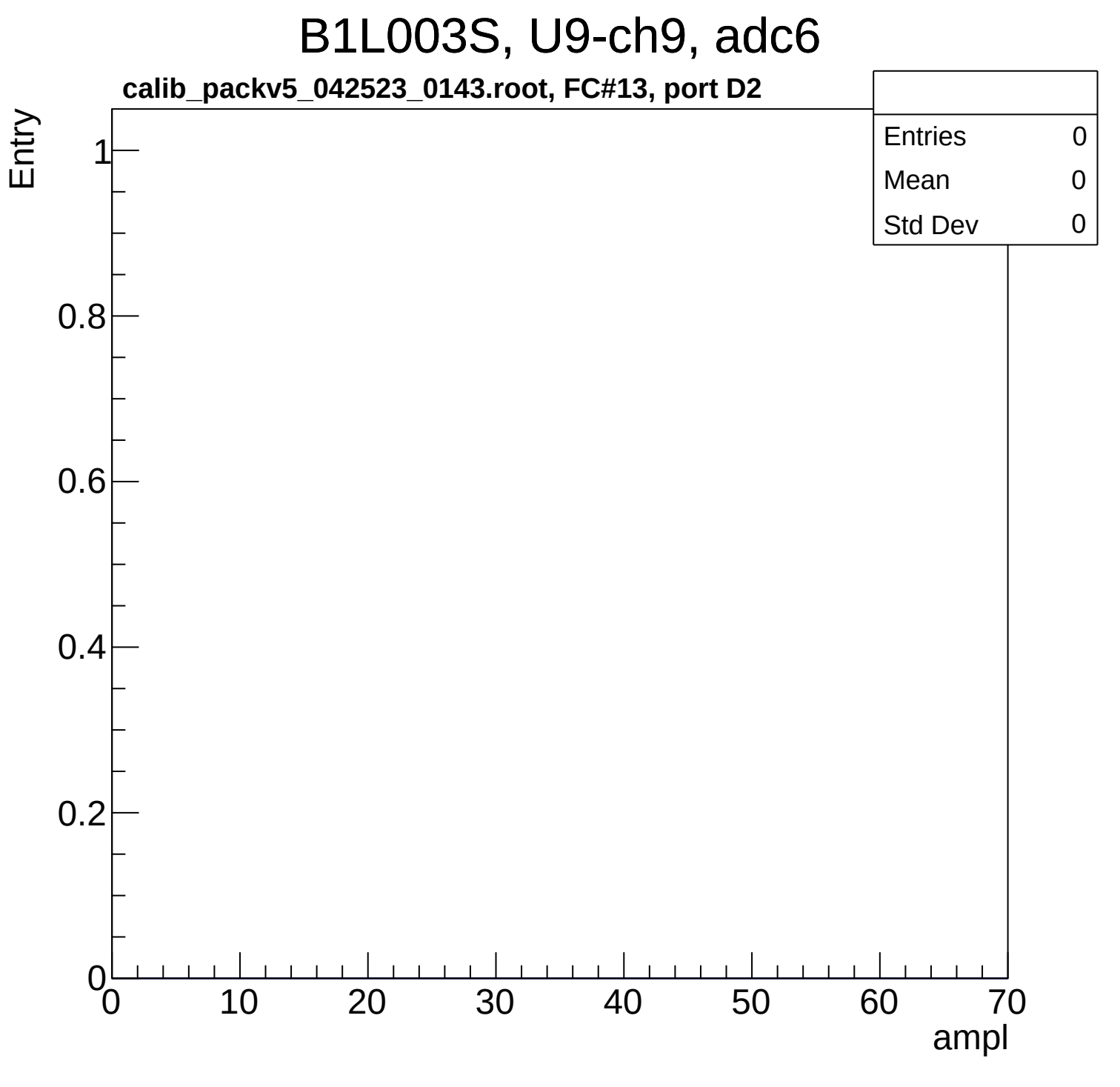
70
ampl


B1L003S, U9-ch9, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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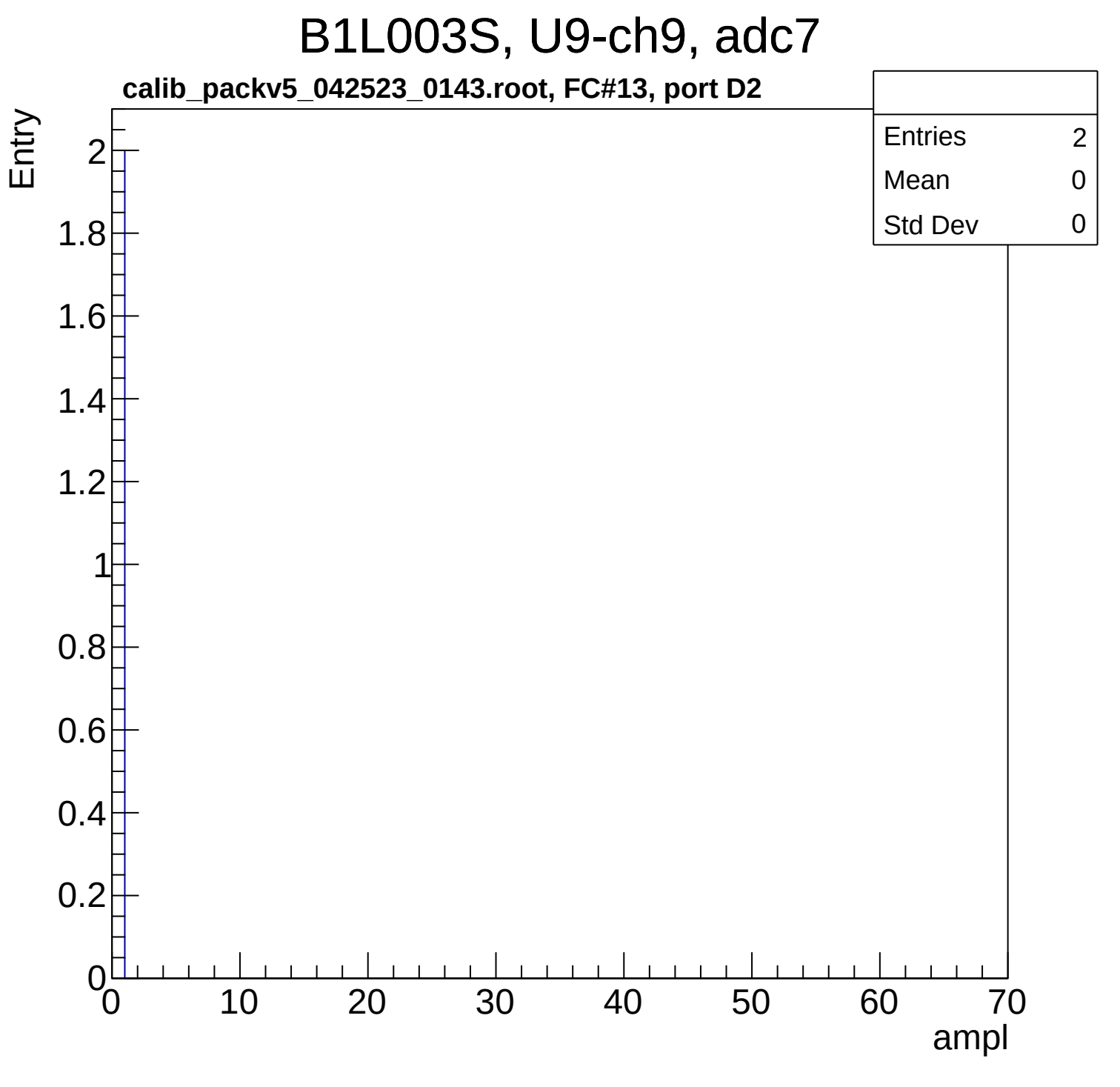
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch9, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
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60
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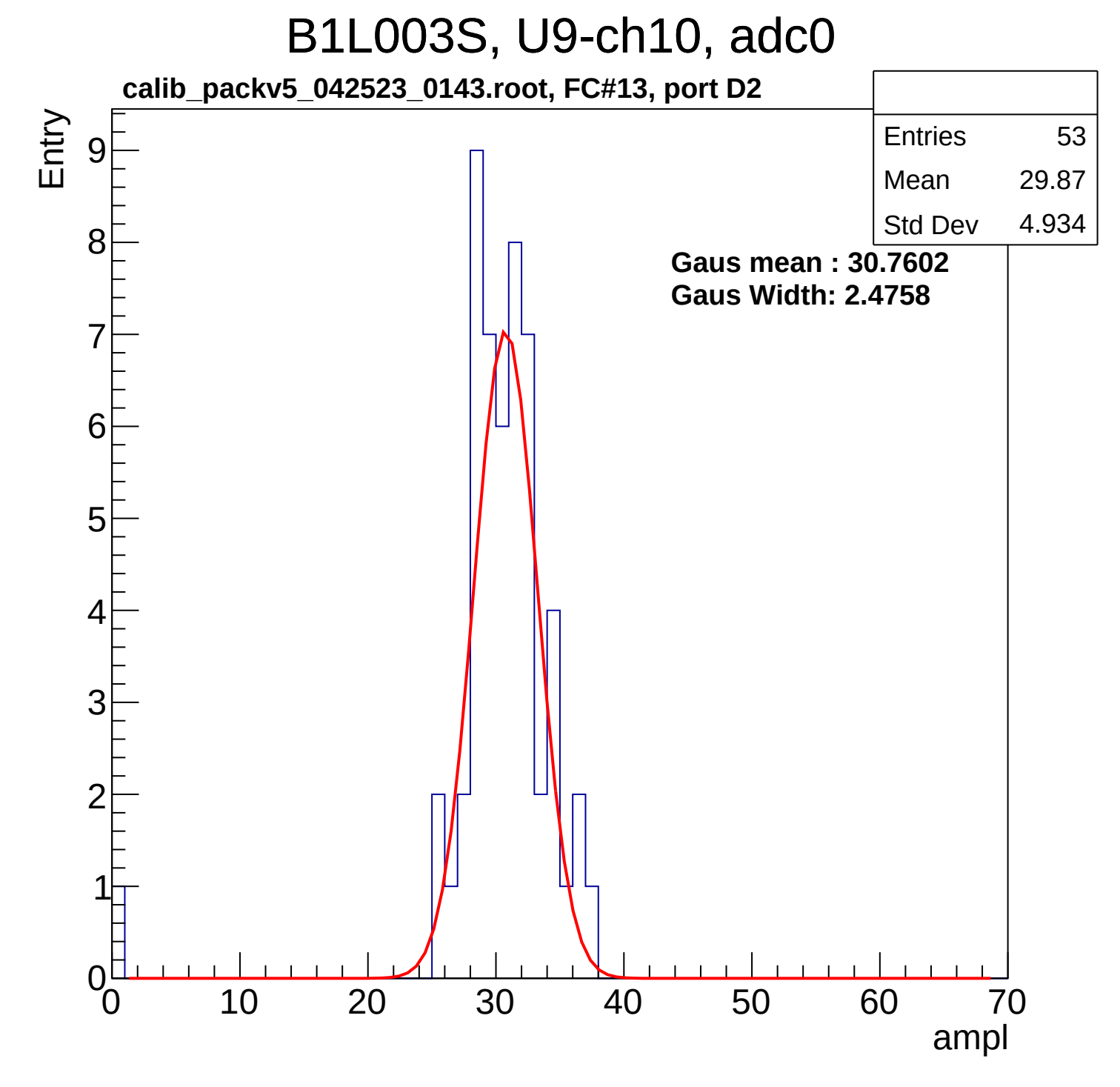
B1L003S, U9-ch10, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 29.87
Std Dev 4.934
Gaus mean : 30.7602
Gaus Width: 2.4758
Entry
ampl
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3
4
5
6
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0
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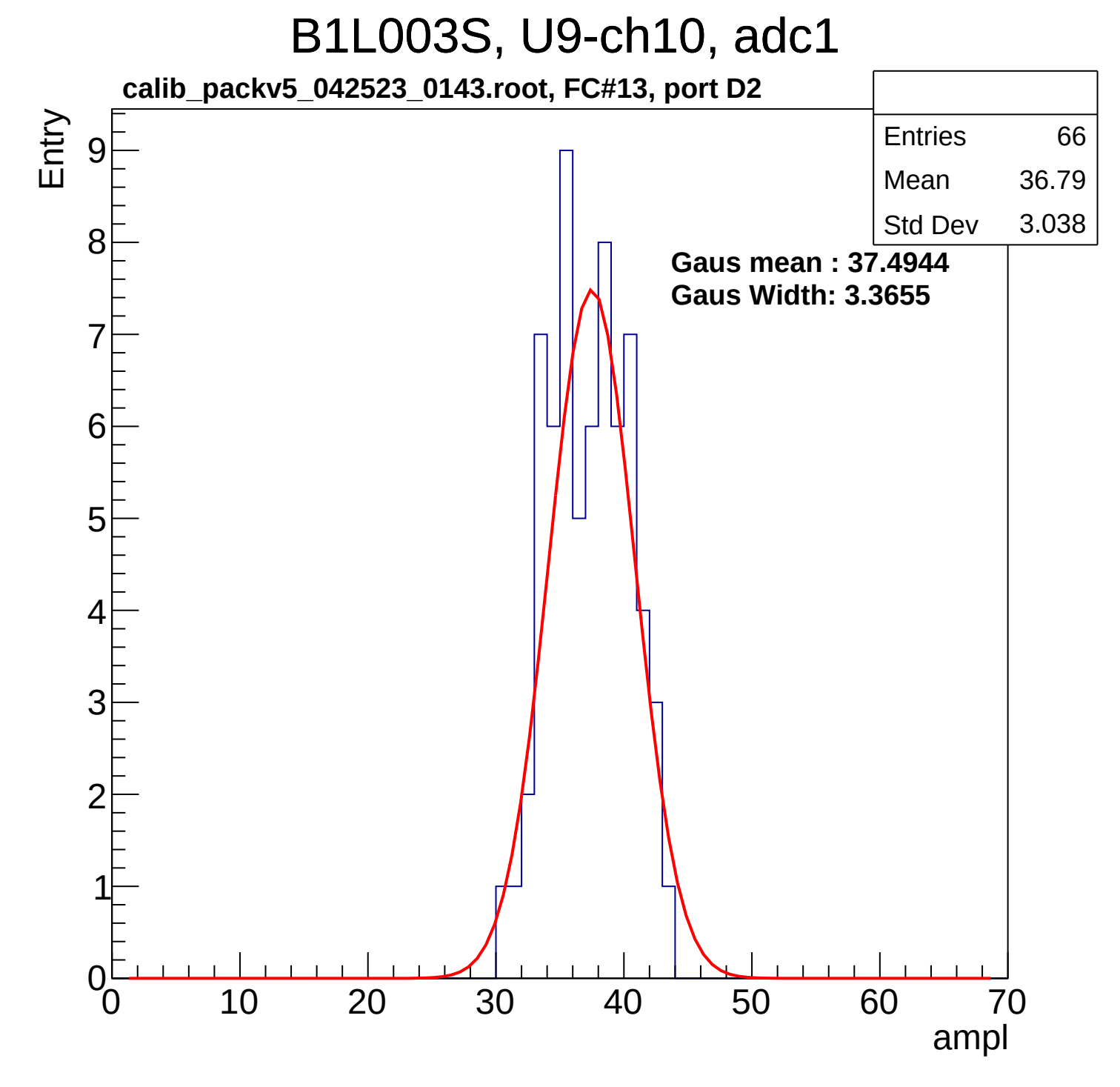
B1L003S, U9-ch10, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 36.79
Std Dev 3.038
Gaus mean : 37.4944
Gaus Width: 3.3655
Entry
ampl
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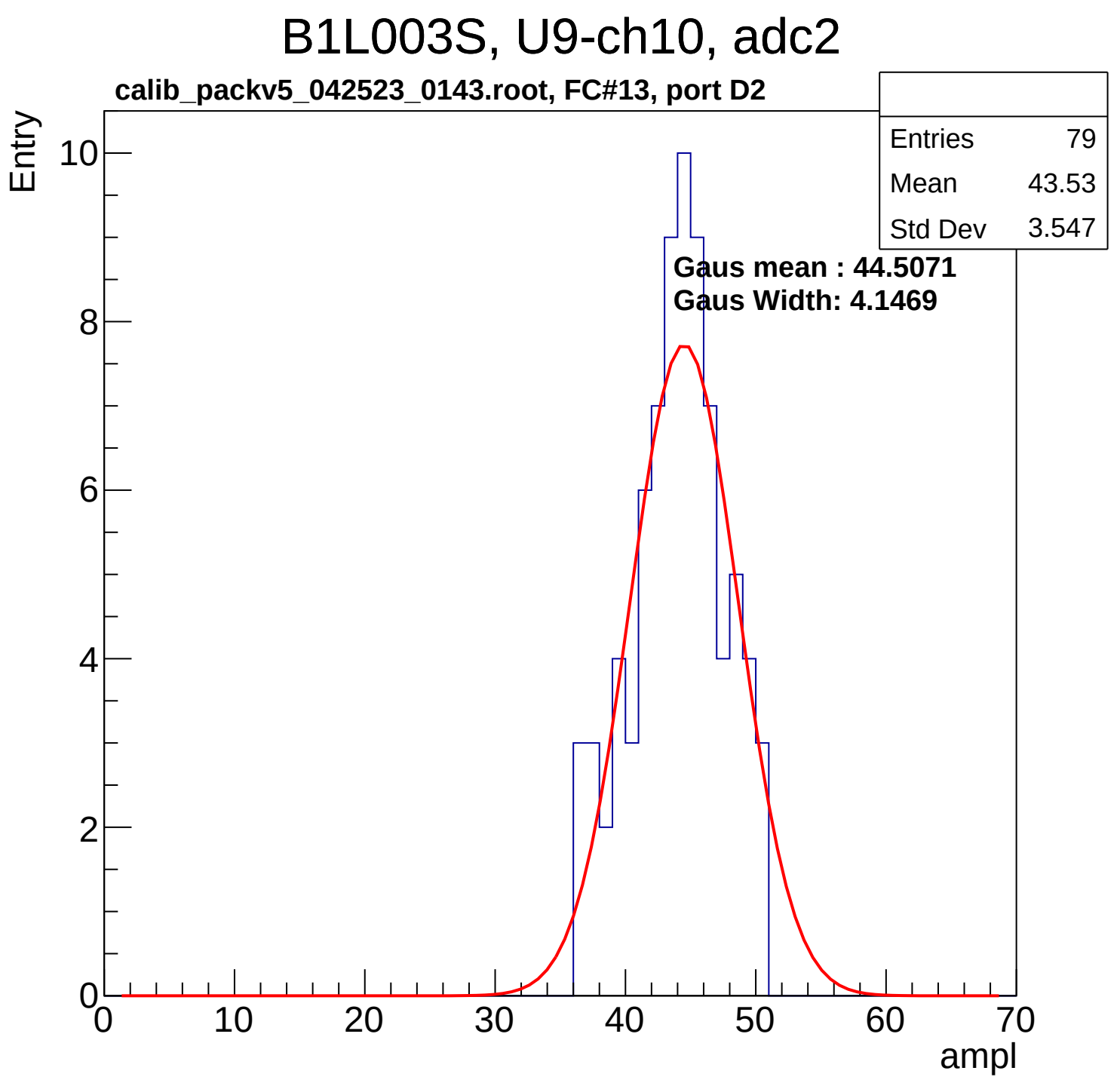
B1L003S, U9-ch10, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 43.53
Std Dev 3.547
Gaus mean : 44.5071
Gaus Width: 4.1469
Entry
ampl
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0
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60
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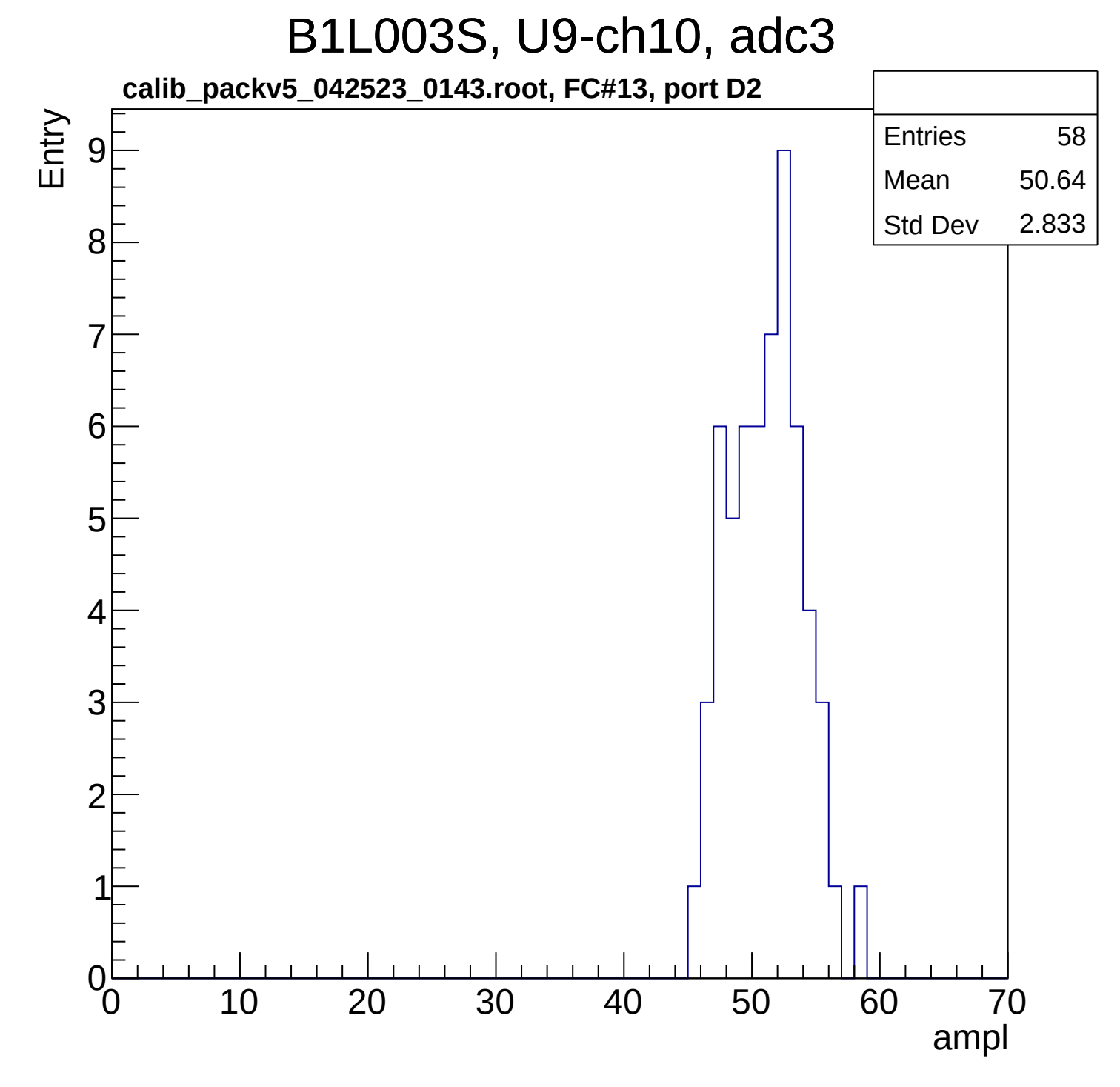
B1L003S, U9-ch10, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 50.64
Std Dev 2.833
Entry
ampl
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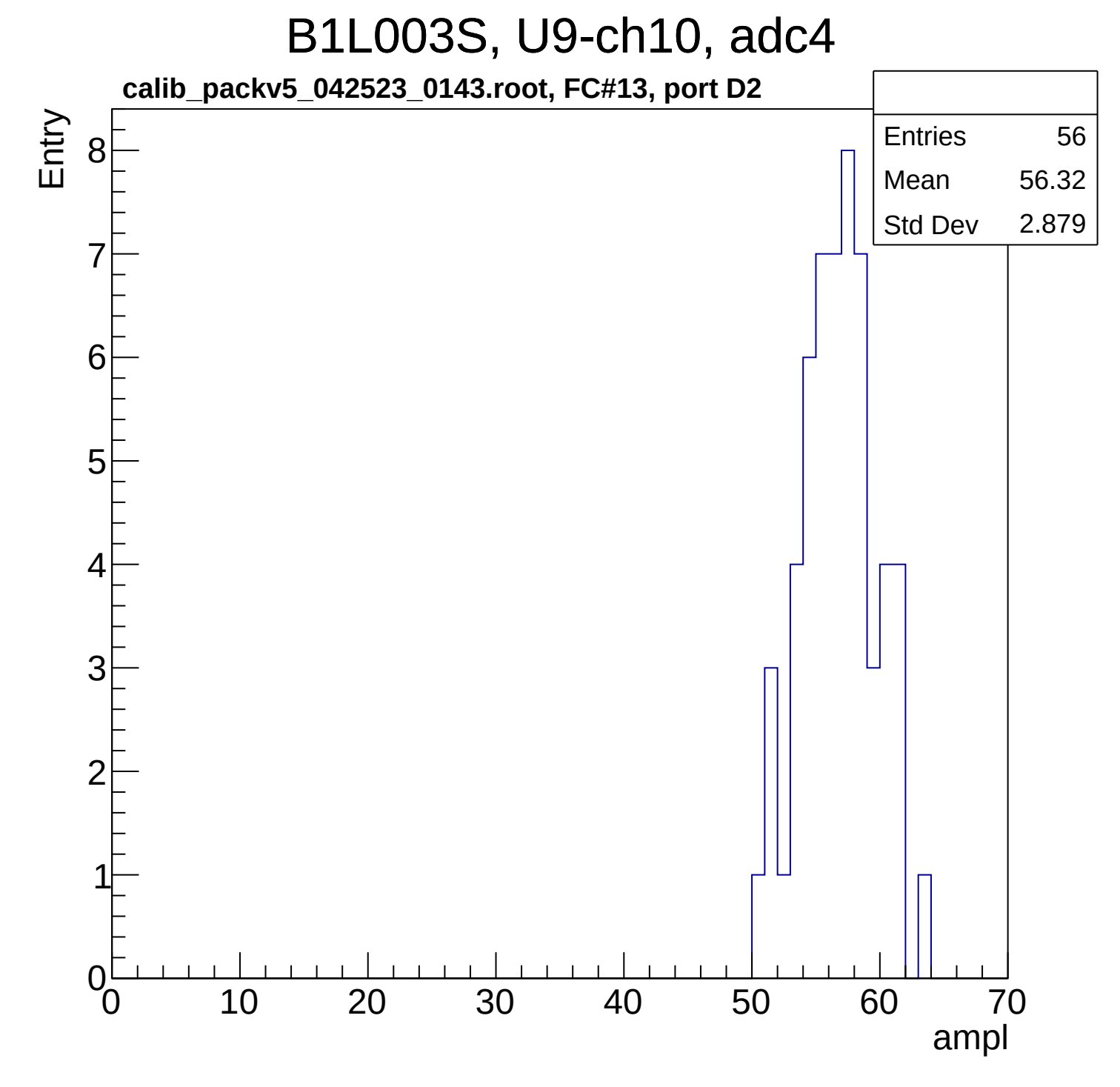
B1L003S, U9-ch10, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 56.32
Std Dev 2.879
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ampl
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0
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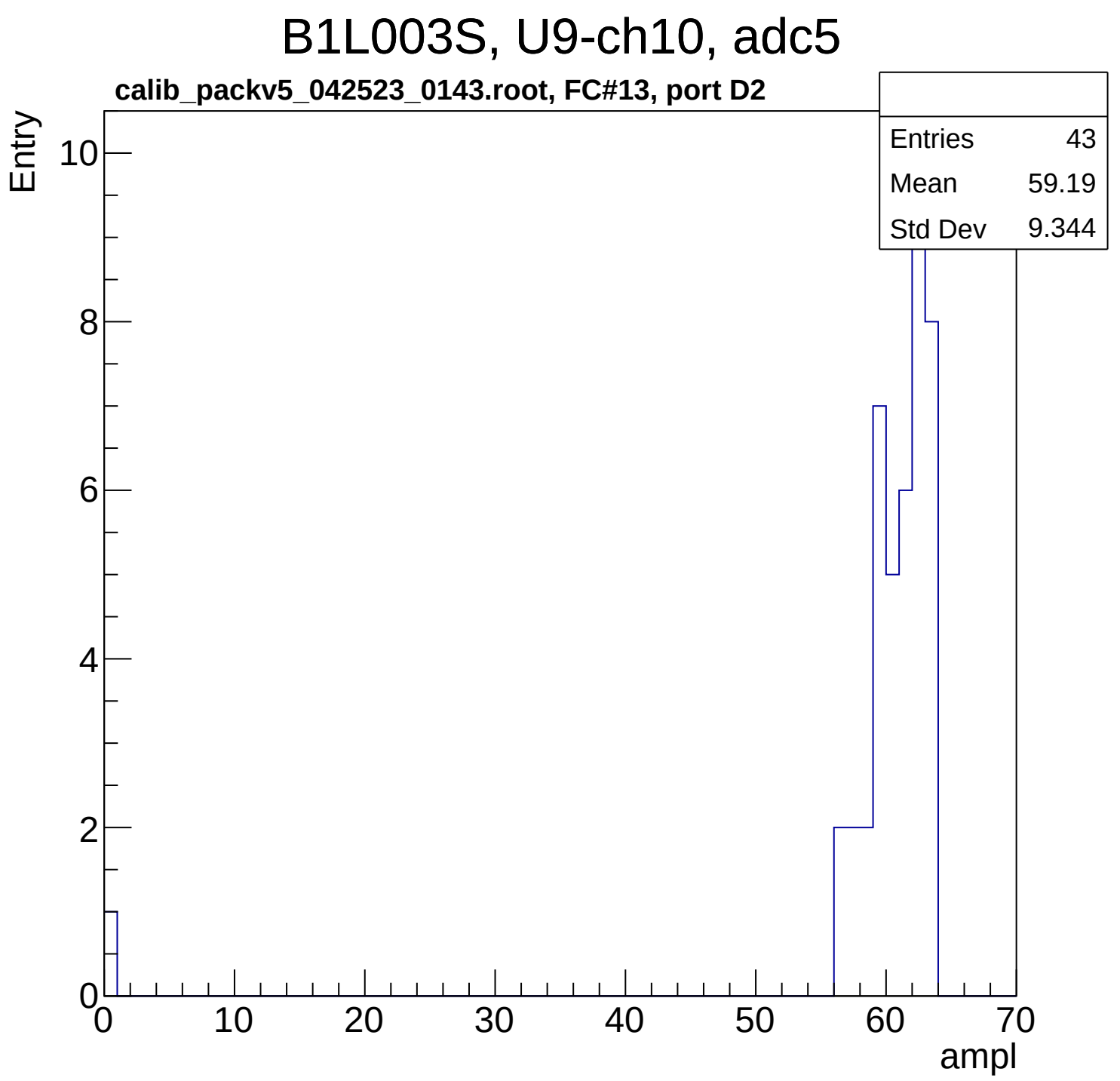
B1L003S, U9-ch10, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 59.19
Std Dev 9.344
Entry
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10
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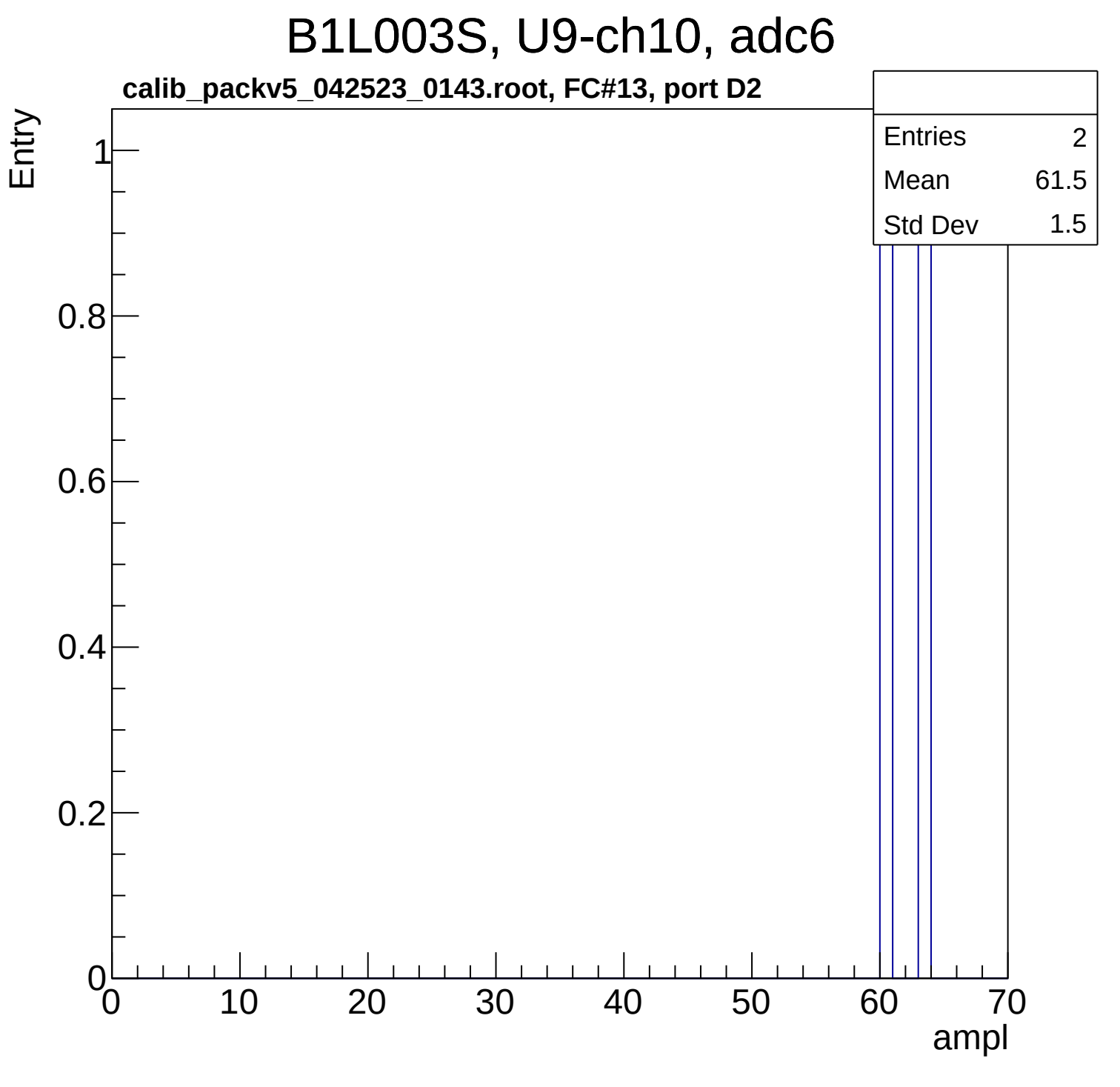
50
60
70
ampl


B1L003S, U9-ch10, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 61.5
Std Dev 1.5
Entry
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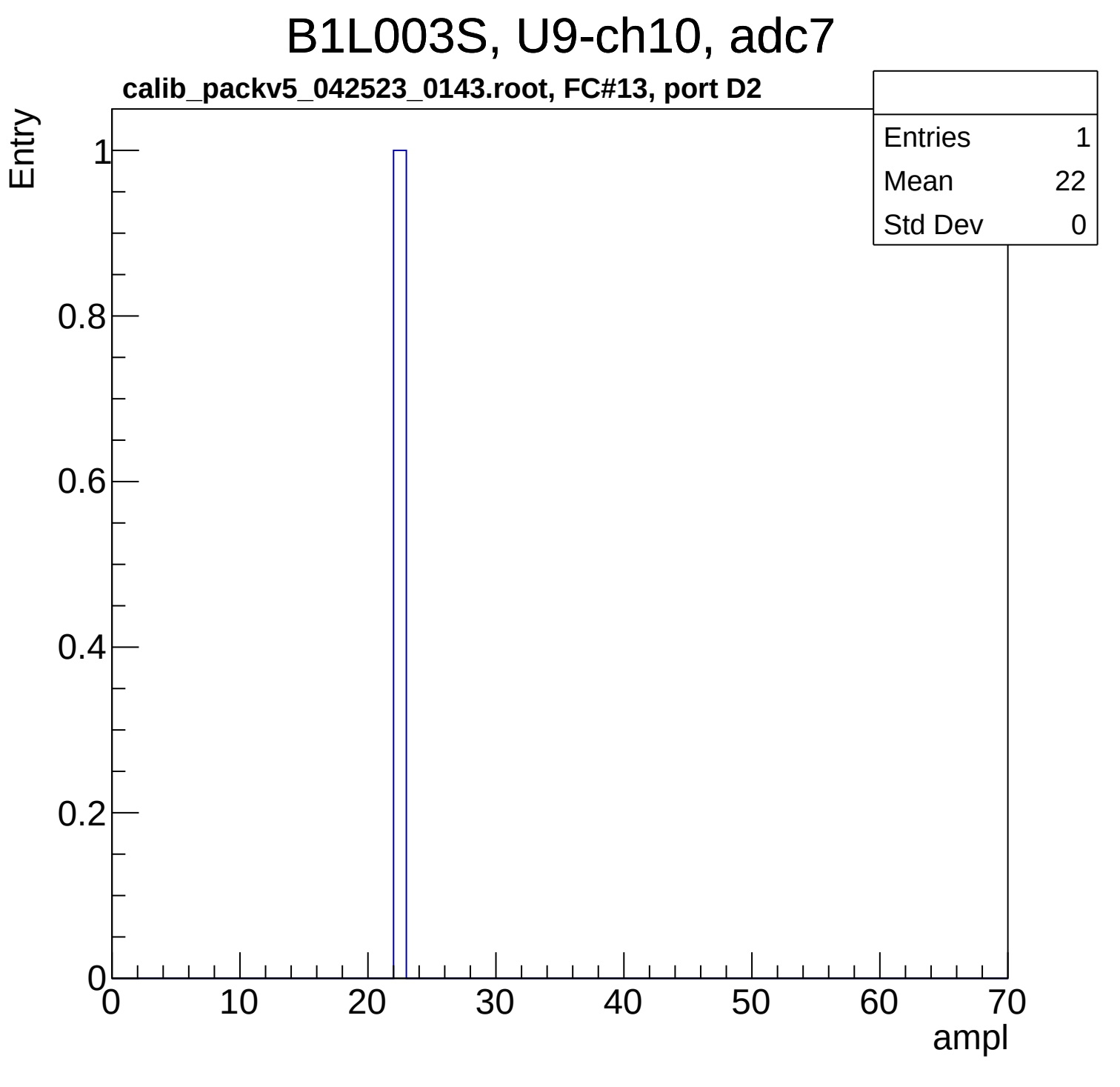
70
ampl


B1L003S, U9-ch10, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 22
Std Dev 0
Entry
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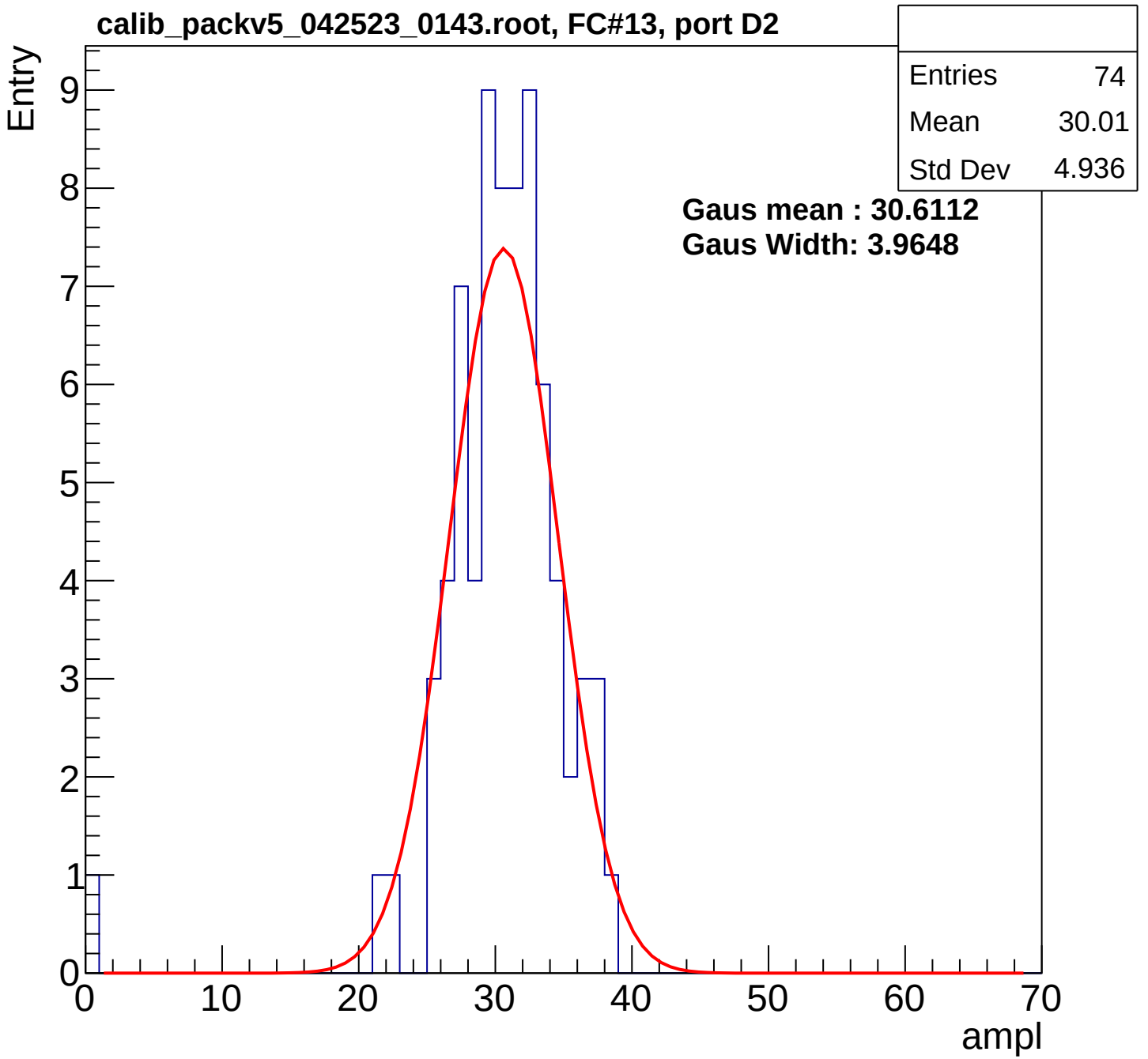
70
ampl


B1L003S, U9-ch11, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 30.01
Std Dev 4.936
Gaus mean : 30.6112
Gaus Width: 3.9648
Entry
ampl
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0
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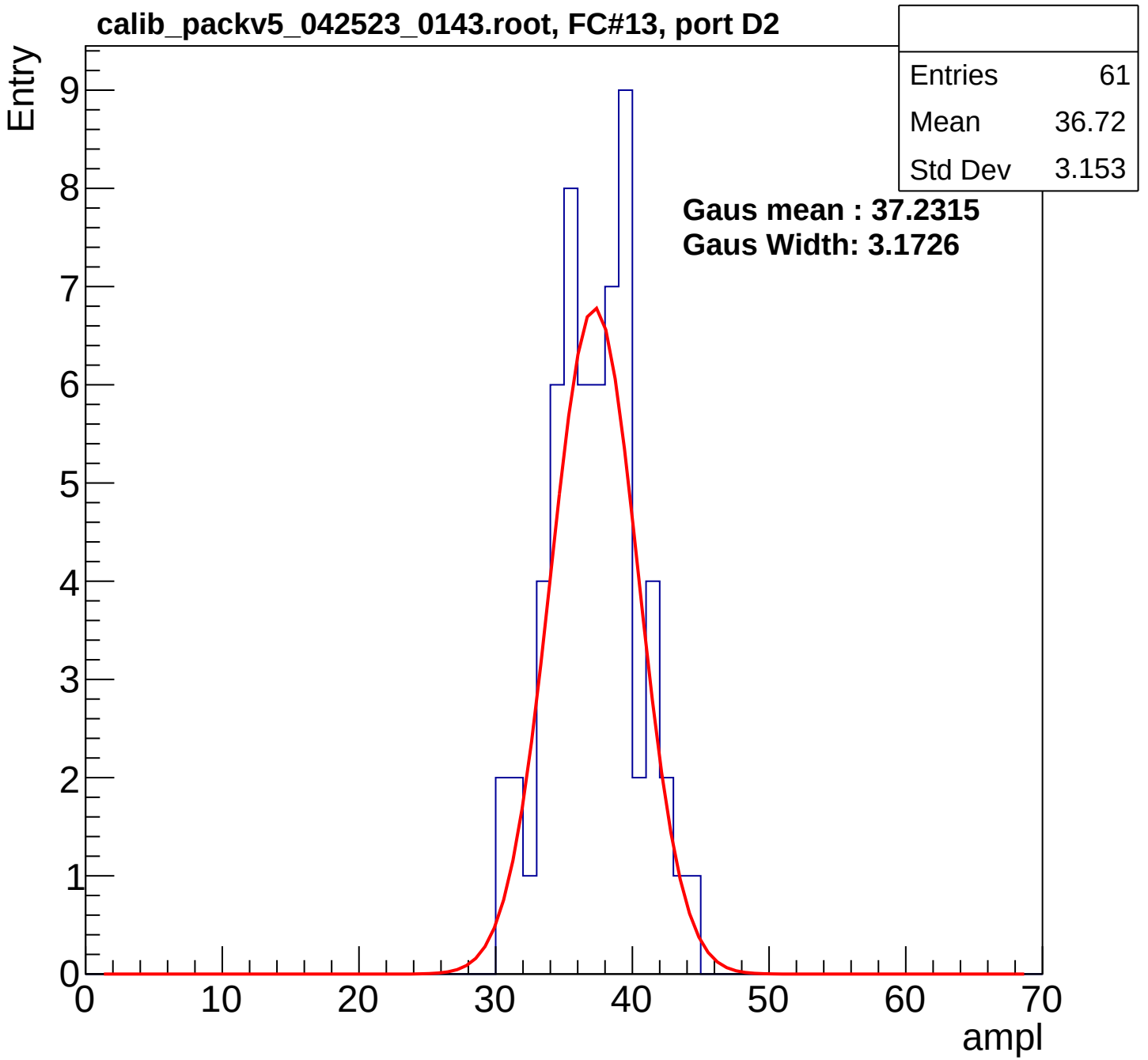
B1L003S, U9-ch11, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.72
Std Dev 3.153
Gaus mean : 37.2315
Gaus Width: 3.1726
Entry
ampl
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2
3
4
5
6
7
8
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0
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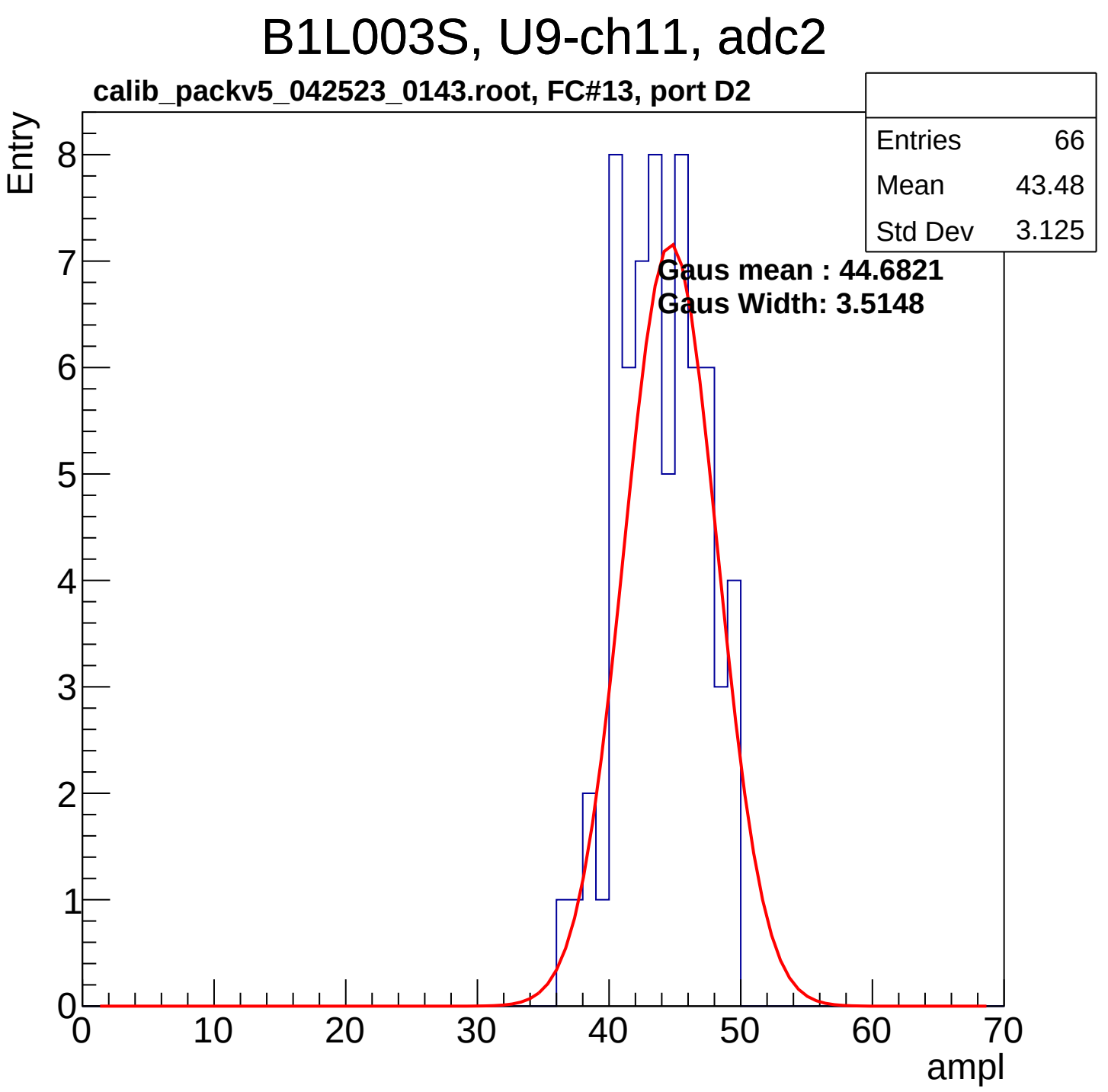
B1L003S, U9-ch11, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 43.48
Std Dev 3.125
Gaus mean : 44.6821
Gaus Width: 3.5148
Entry
ampl
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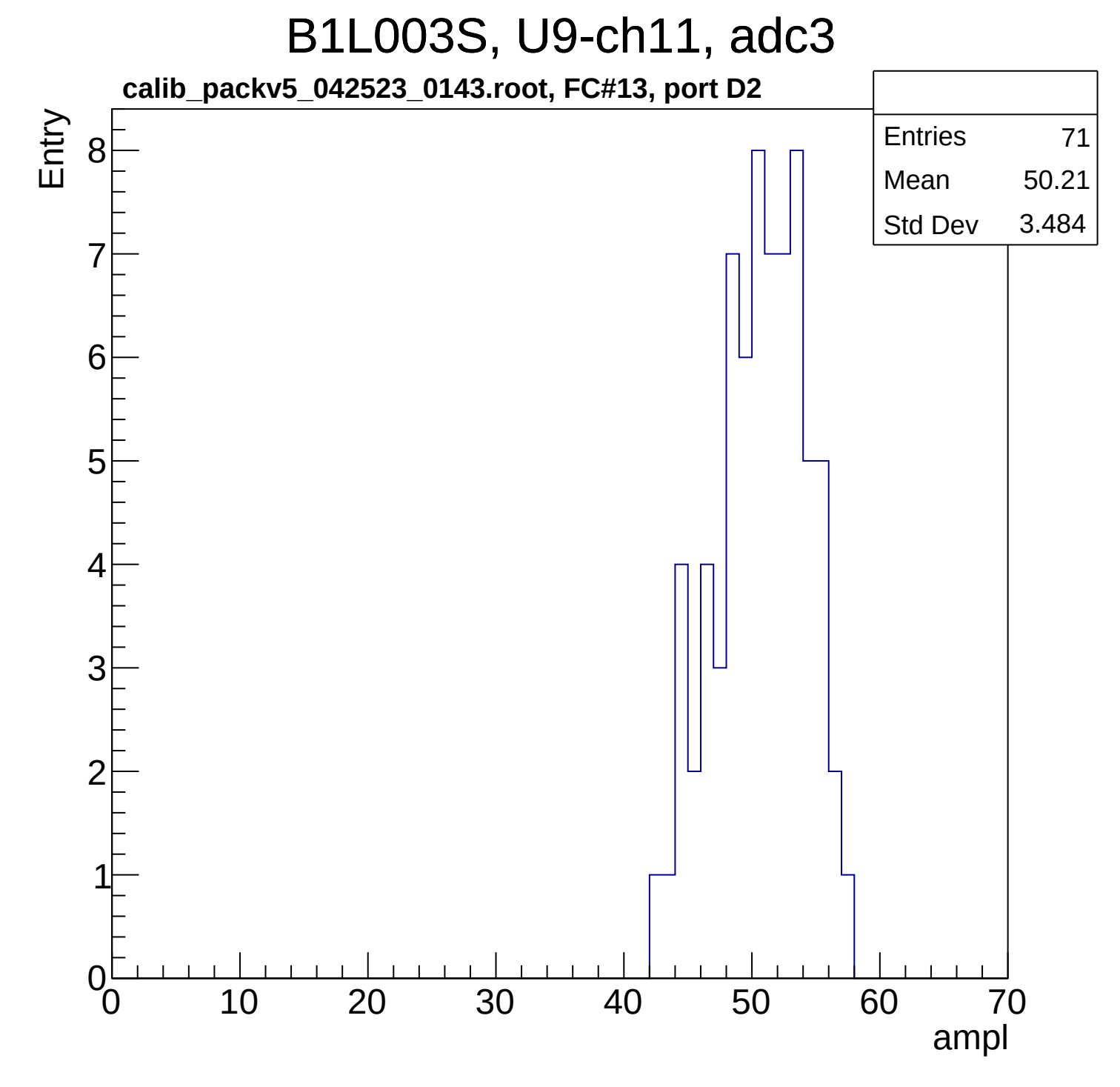
B1L003S, U9-ch11, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 50.21
Std Dev 3.484
Entry
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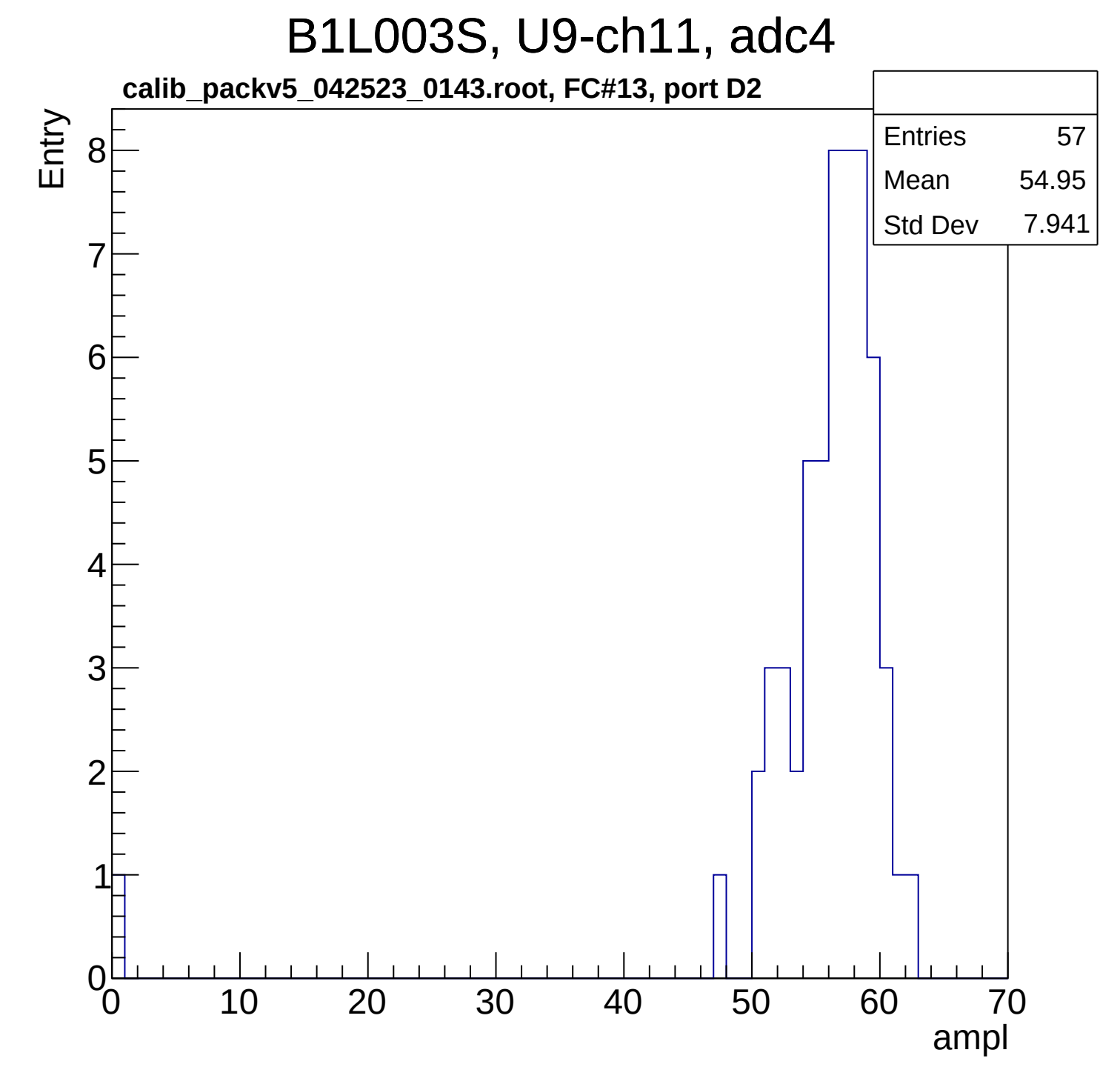
ampl


B1L003S, U9-ch11, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 54.95
Std Dev 7.941
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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60
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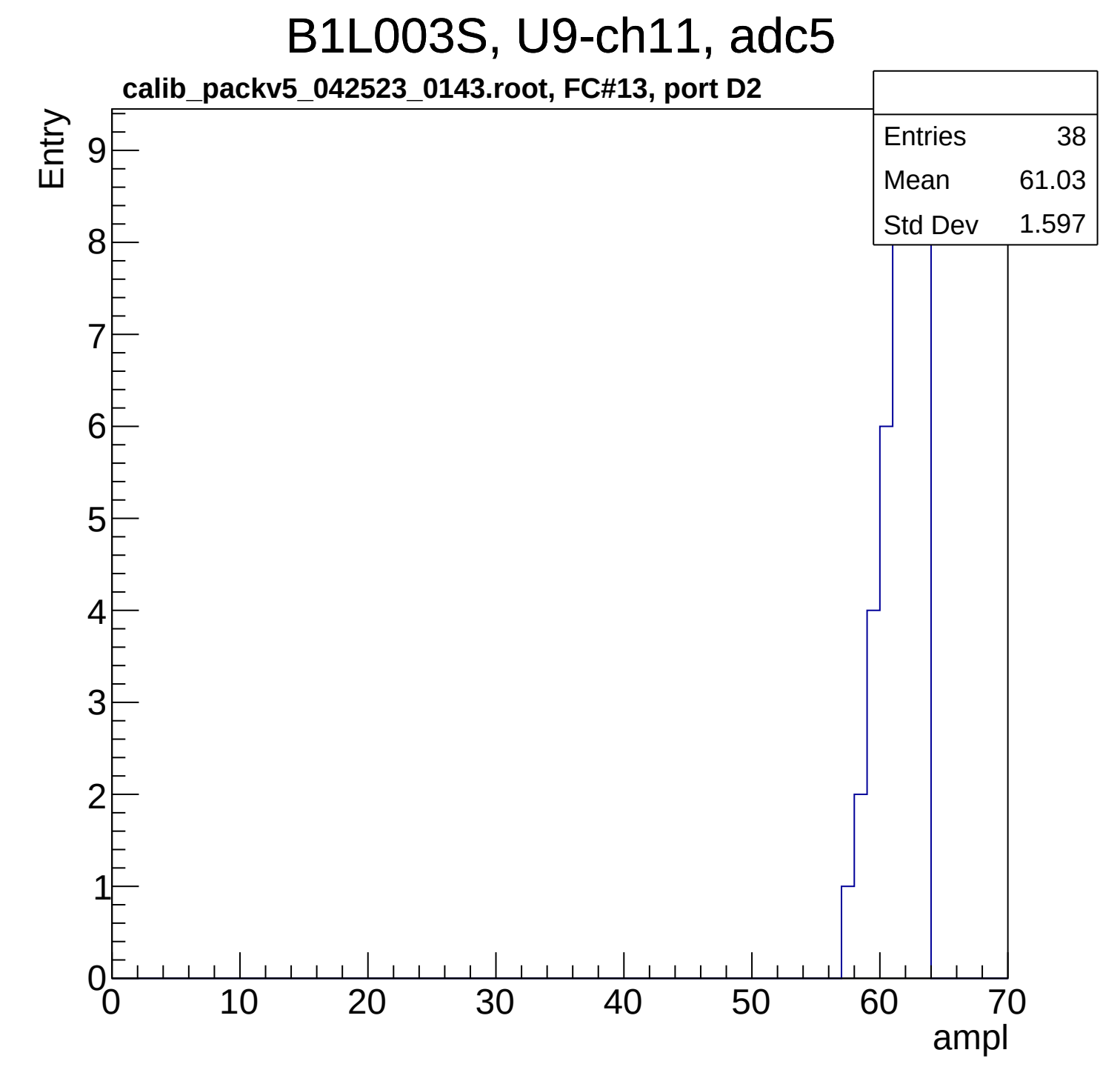
B1L003S, U9-ch11, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 61.03
Std Dev 1.597
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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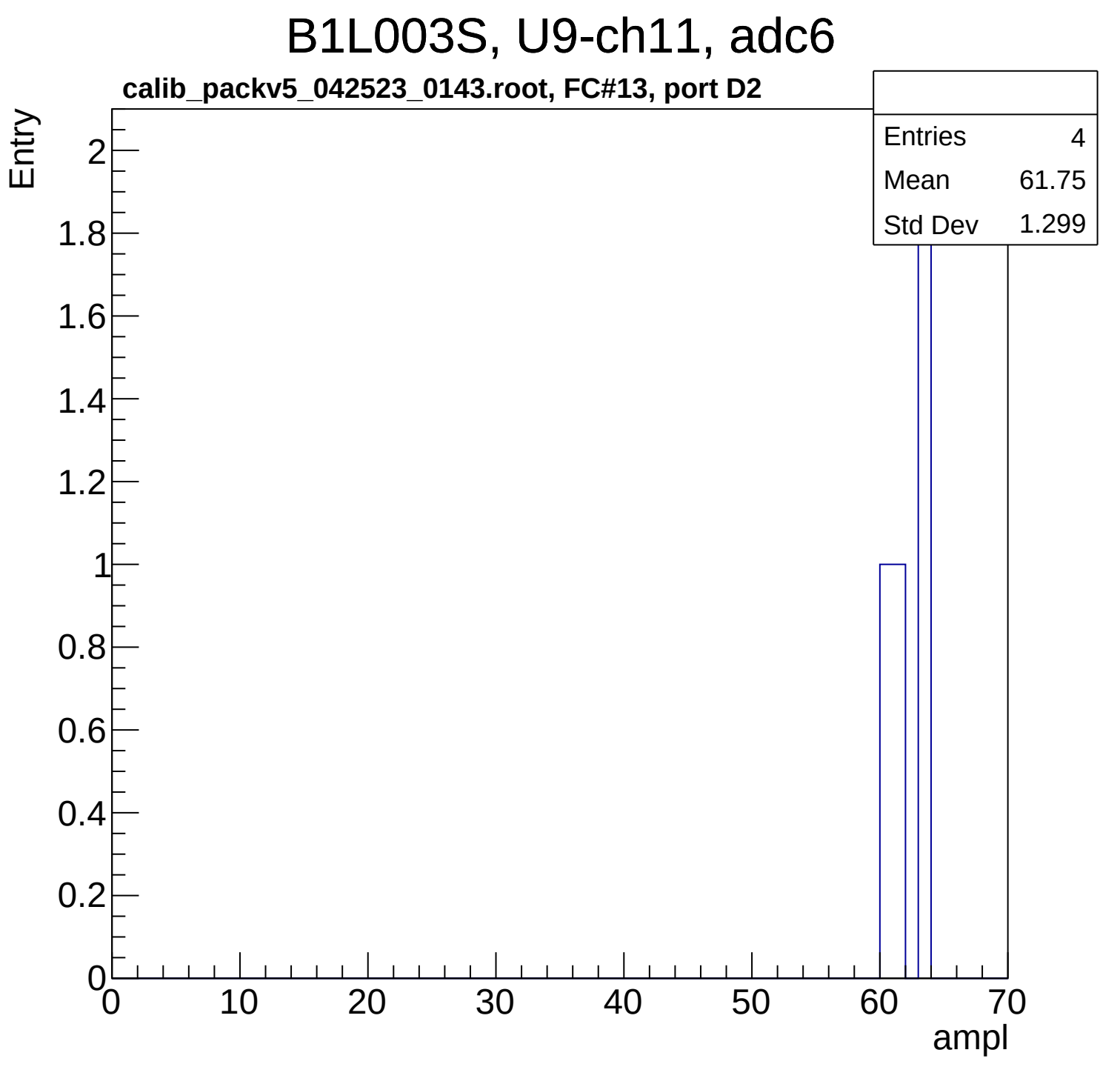
B1L003S, U9-ch11, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.75
Std Dev 1.299
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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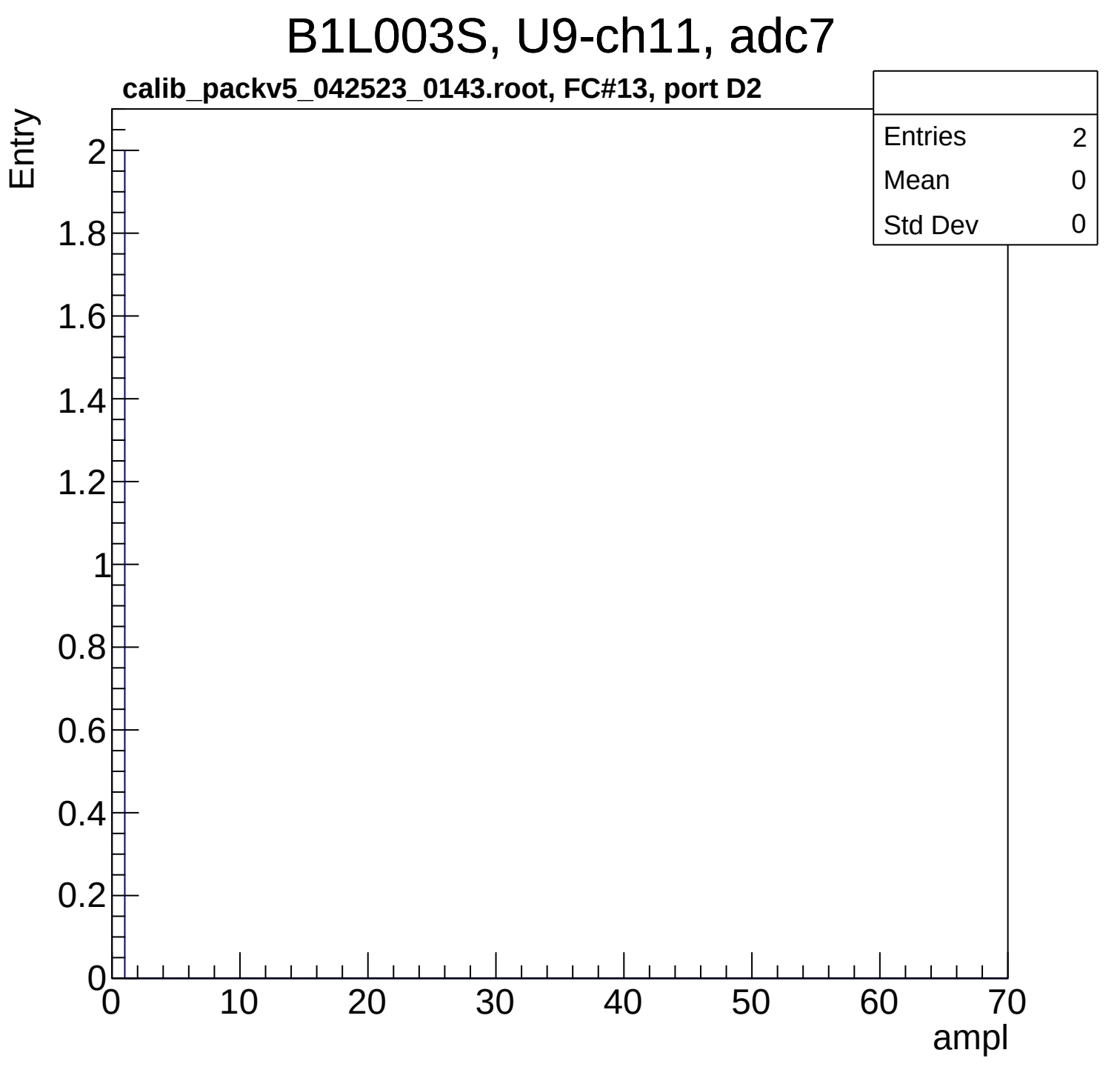
B1L003S, U9-ch11, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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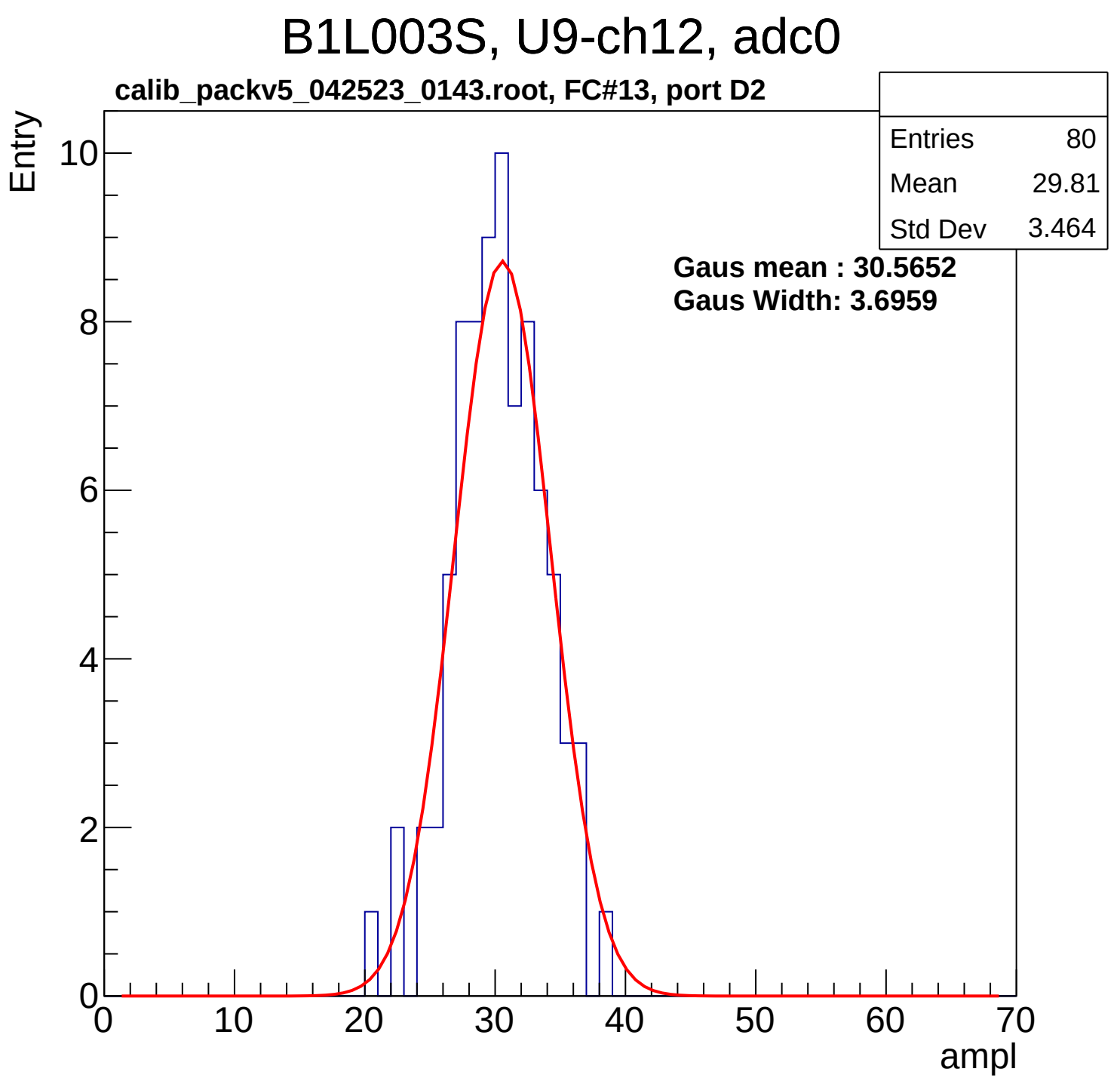
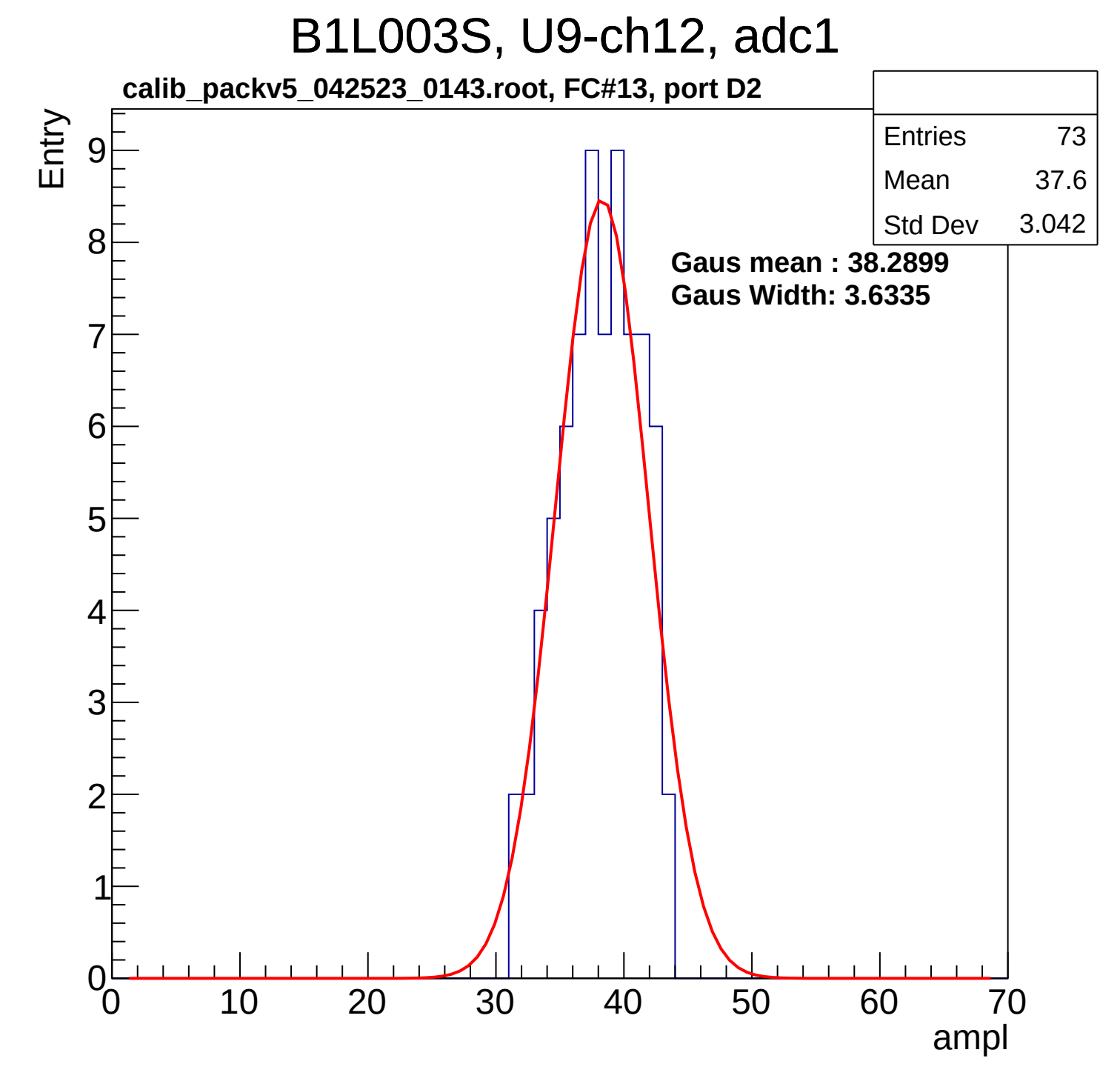
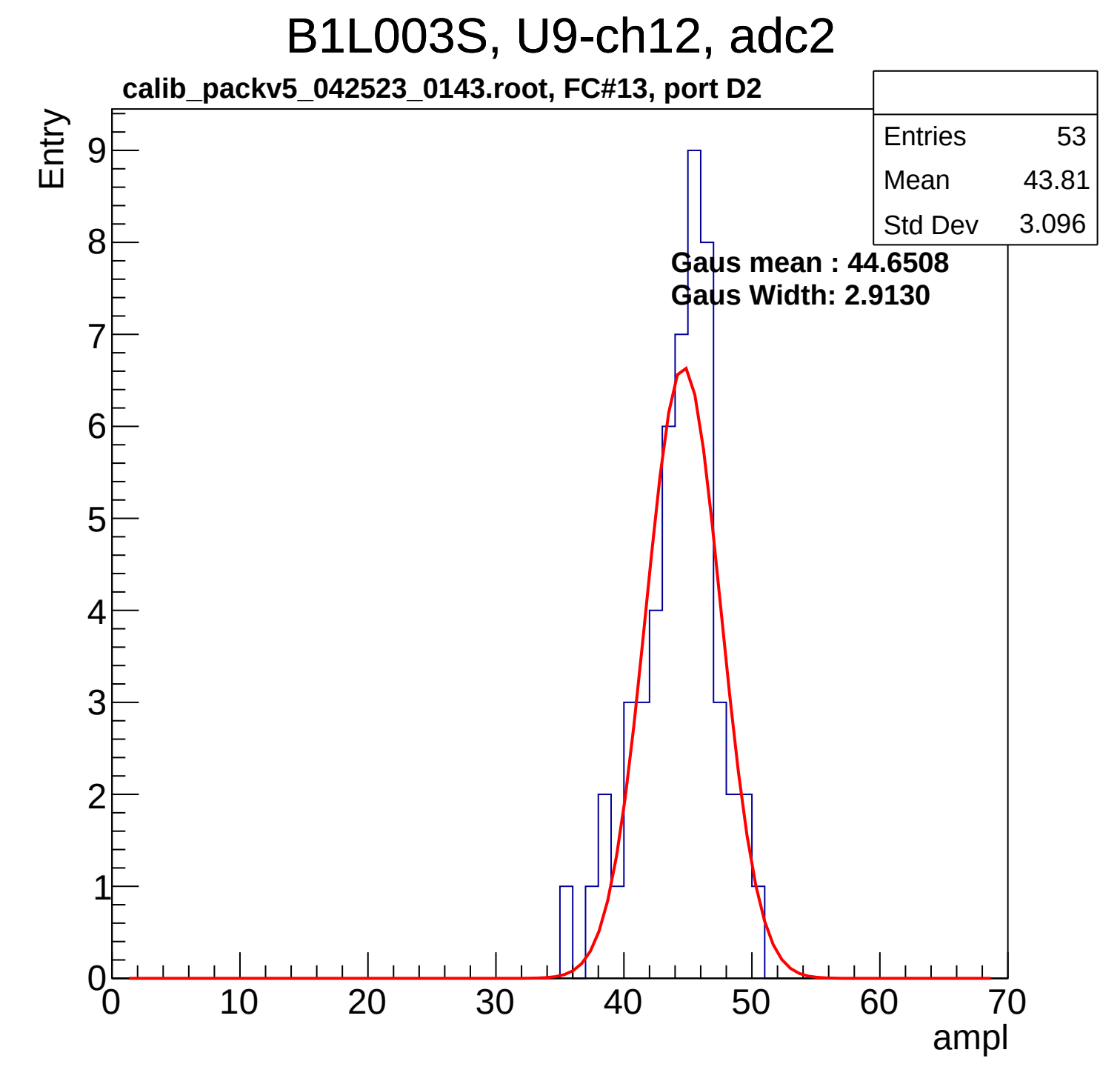

B1L003S, U9-ch12, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 29.81
Std Dev 3.464
Gaus mean : 30.5652
Gaus Width: 3.6959
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch12, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 37.6
Std Dev 3.042
Gaus mean : 38.2899
Gaus Width: 3.6335
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch12, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 43.81
Std Dev 3.096
Gaus mean : 44.6508
Gaus Width: 2.9130
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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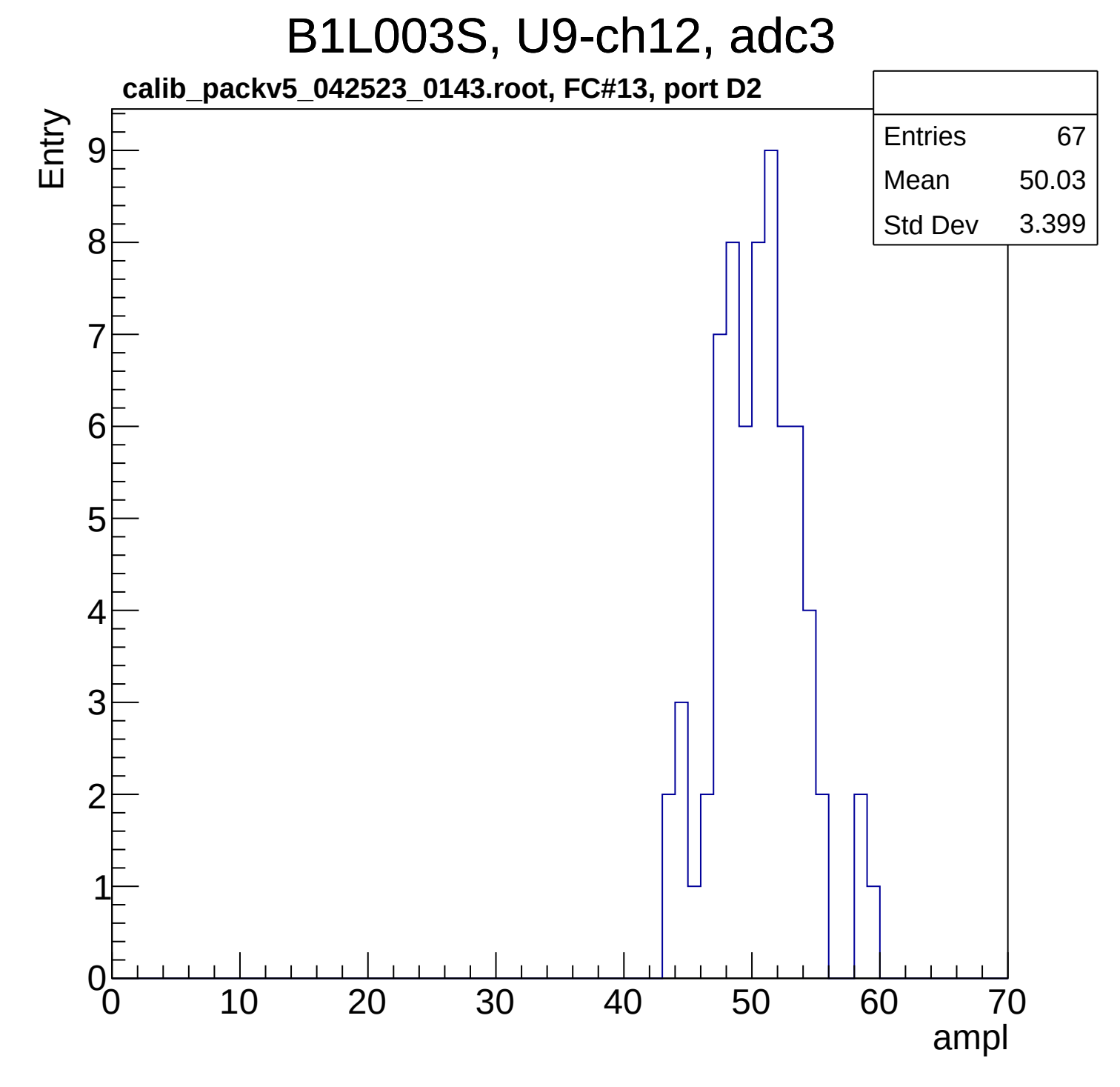
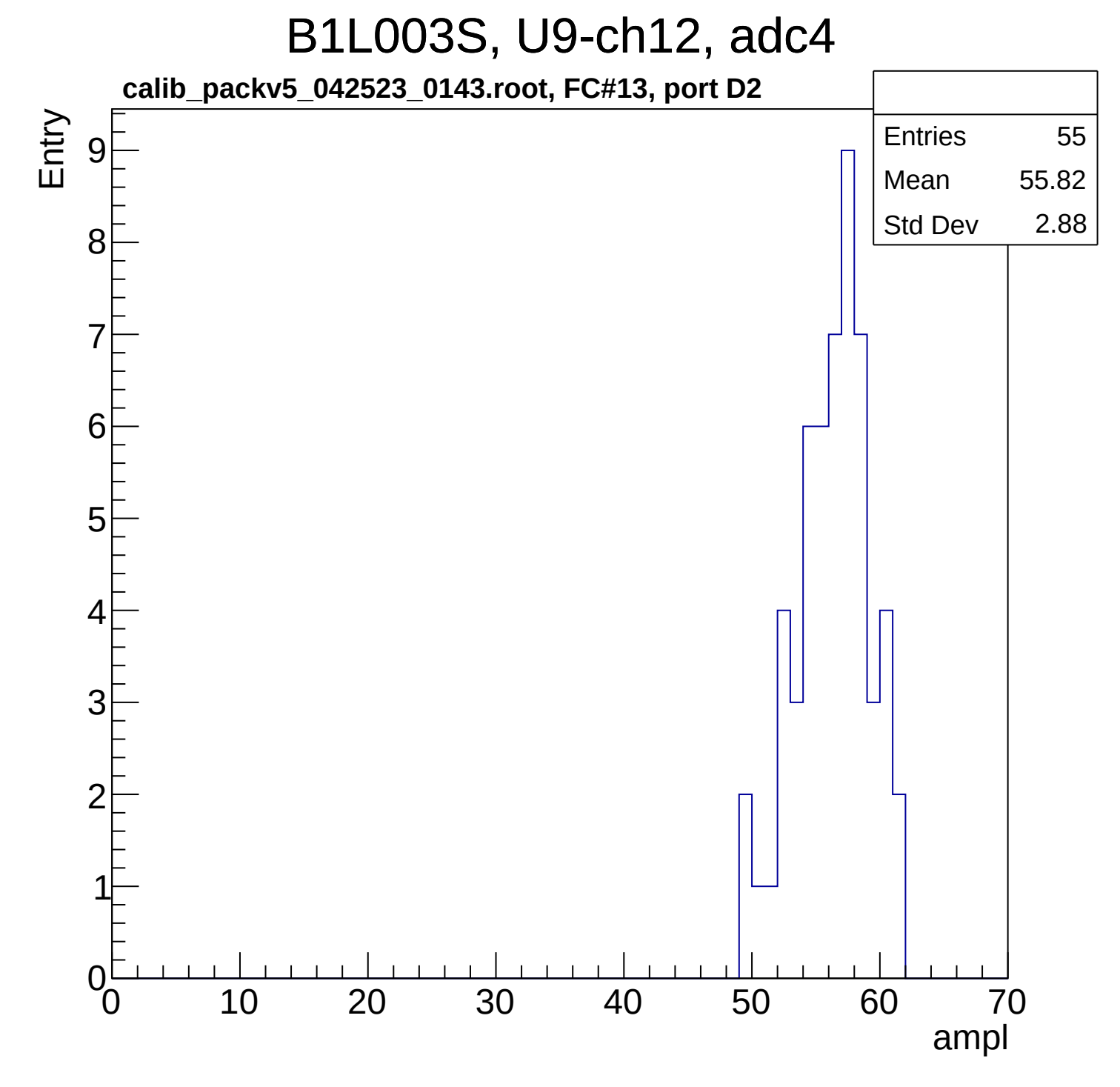

B1L003S, U9-ch12, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 50.03
Std Dev 3.399
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch12, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 55.82
Std Dev 2.88
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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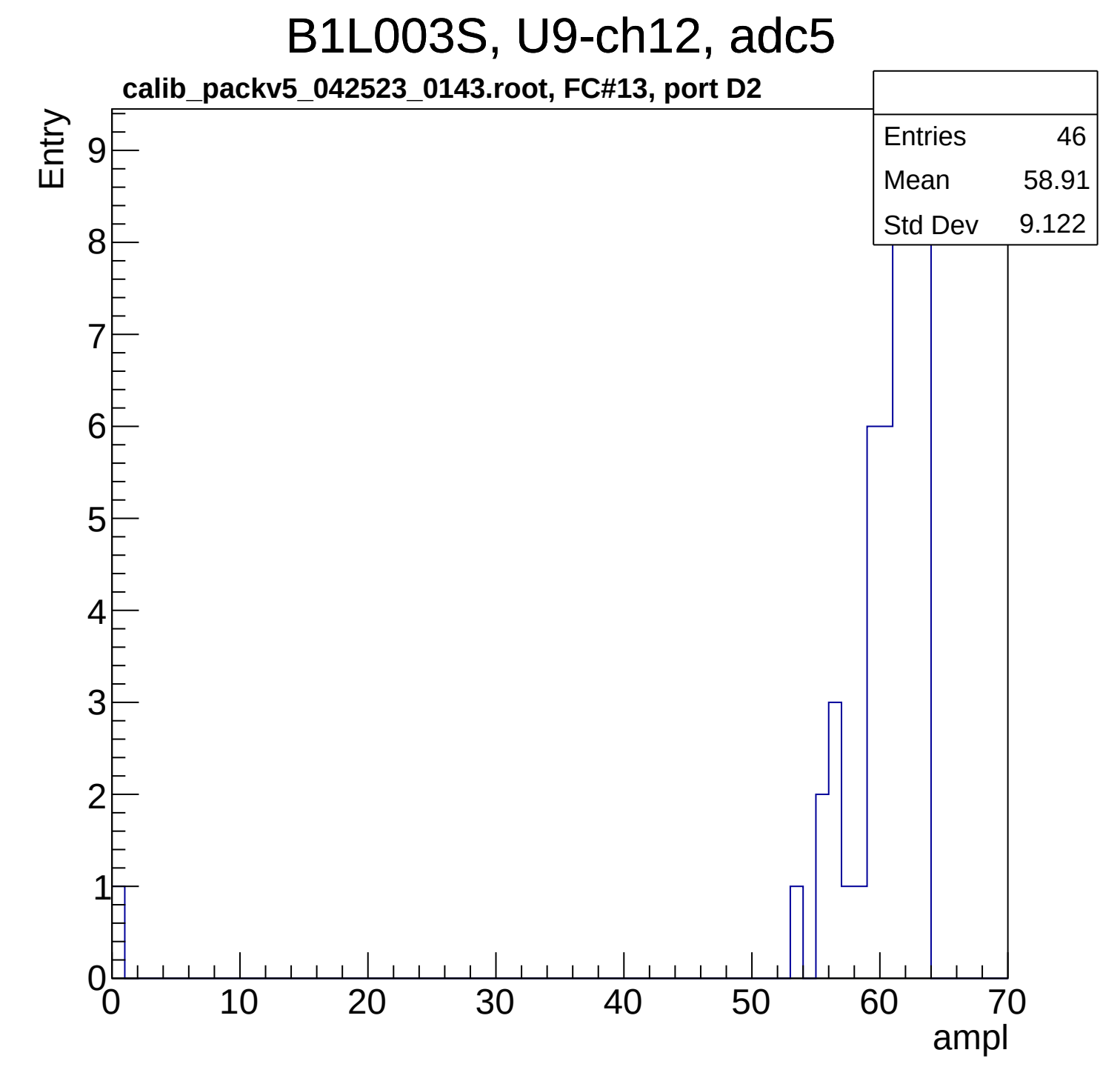
B1L003S, U9-ch12, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 58.91
Std Dev 9.122
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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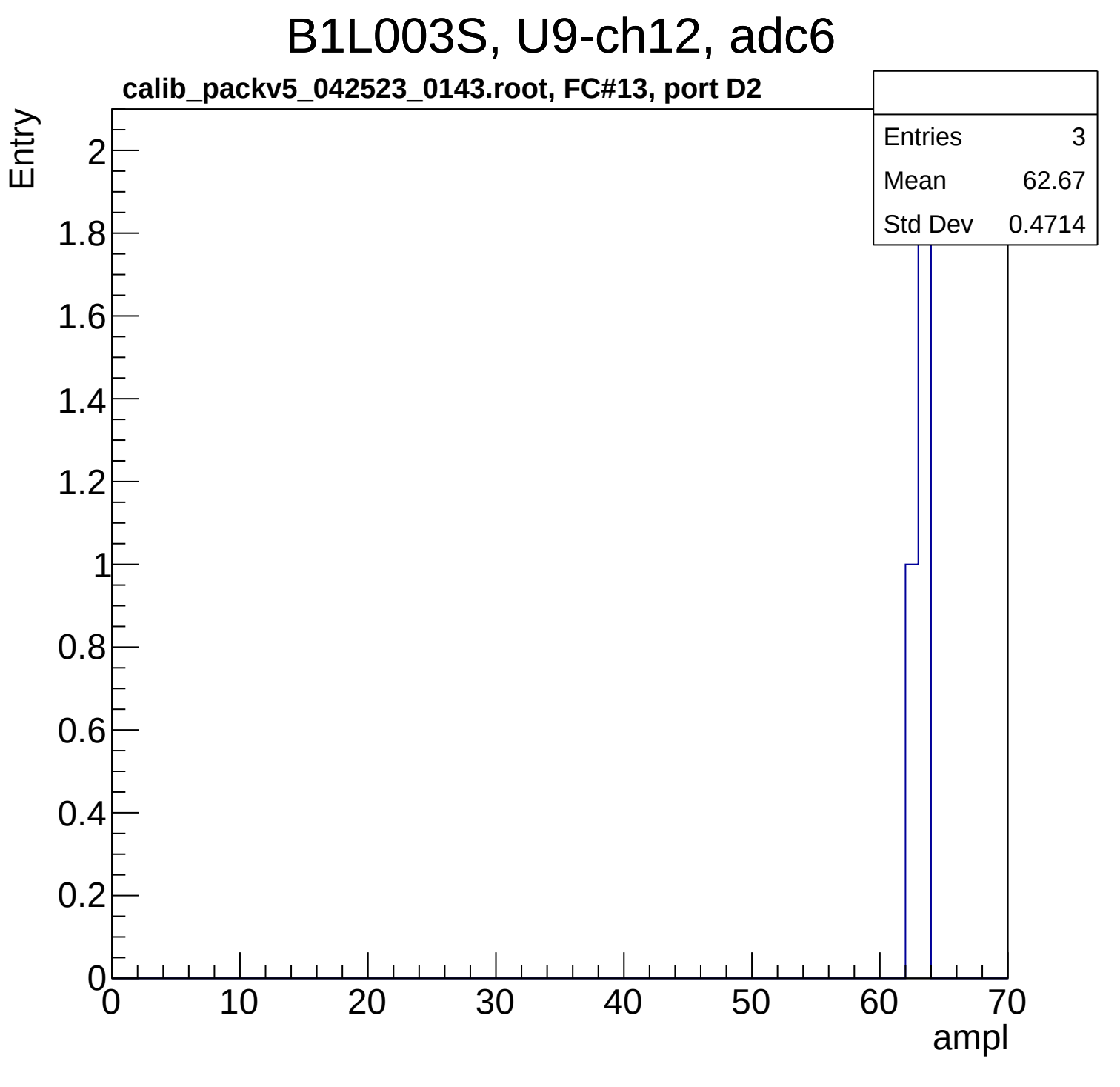
B1L003S, U9-ch12, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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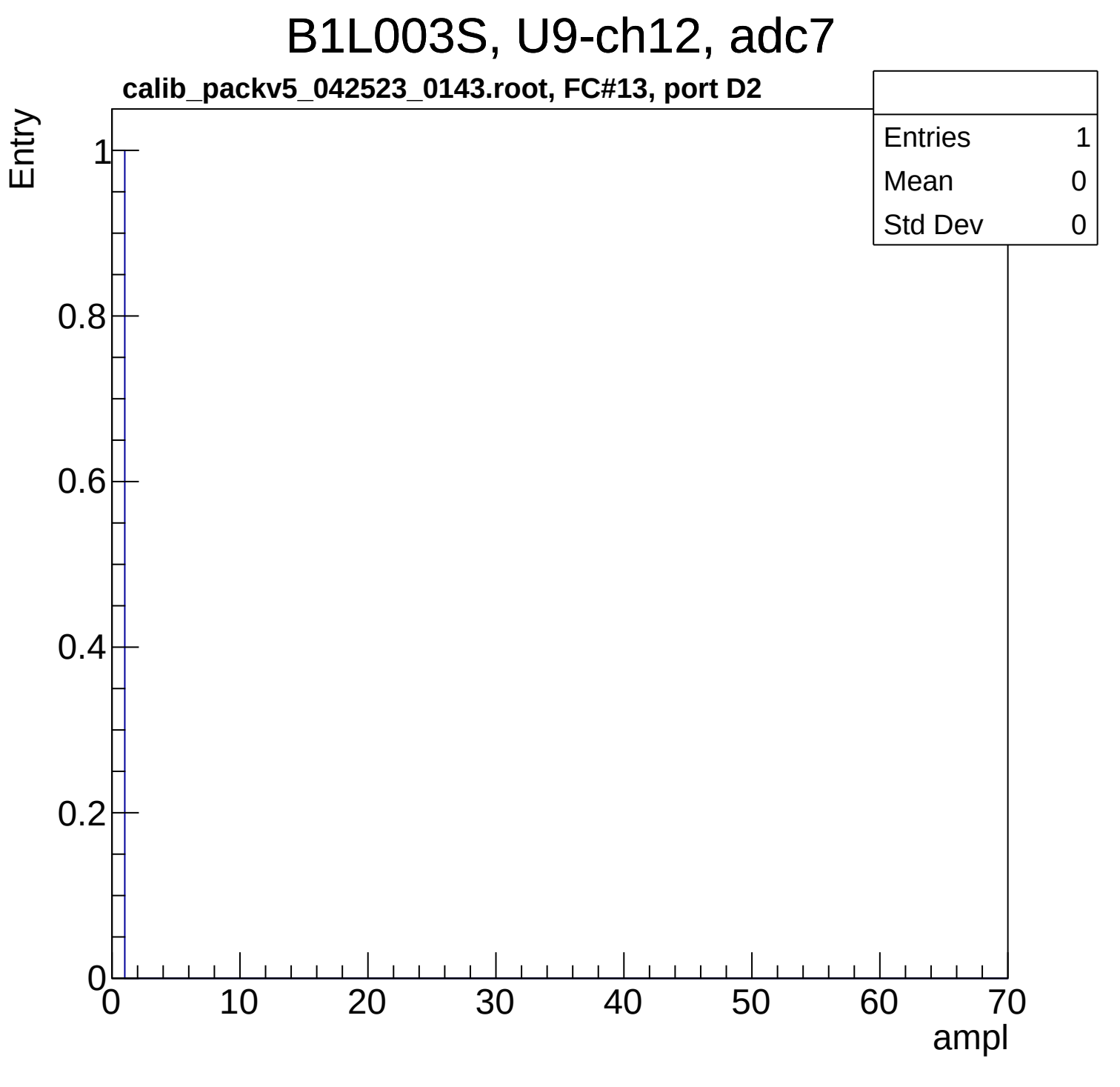
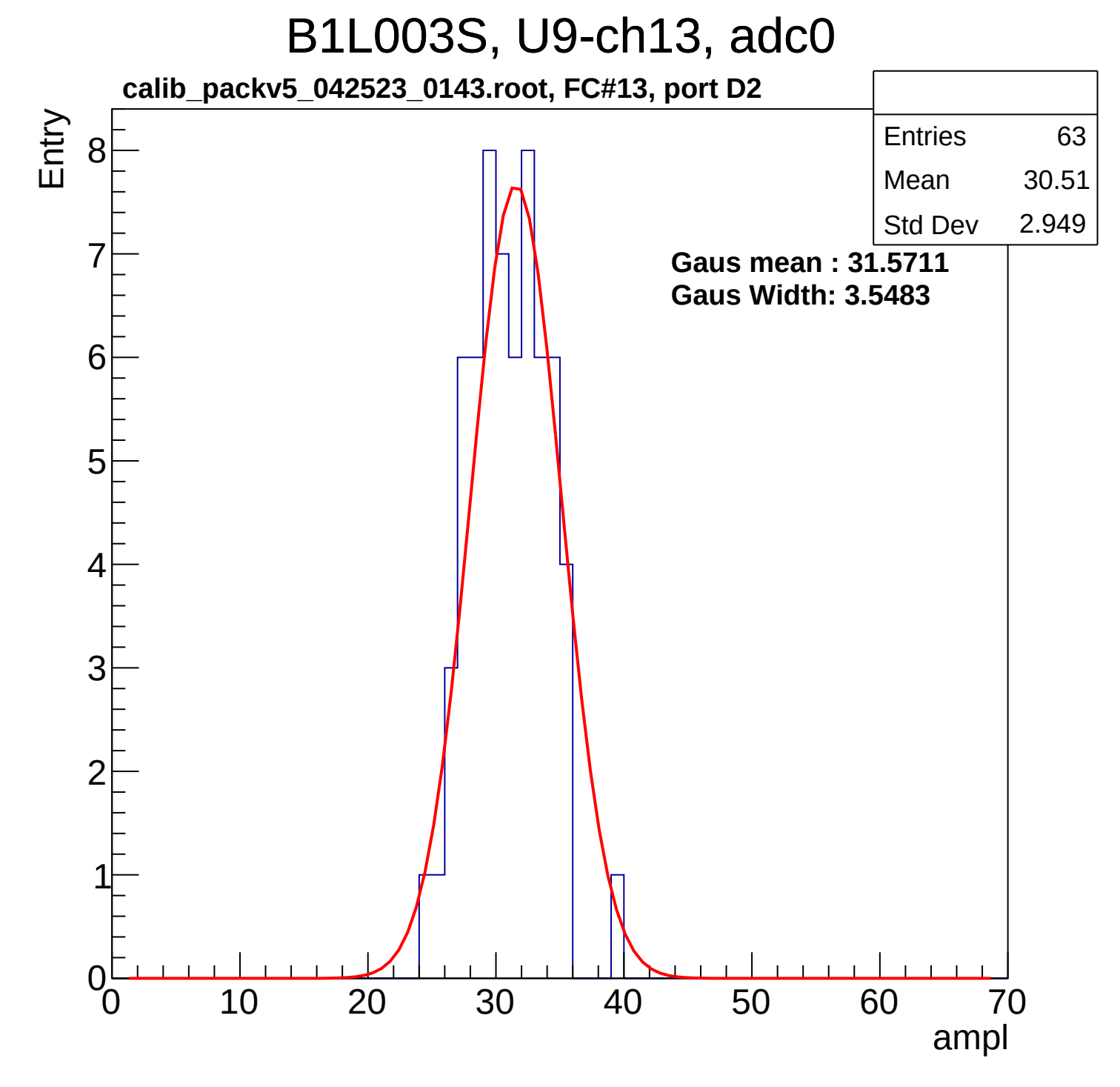

B1L003S, U9-ch12, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch13, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 30.51
Std Dev 2.949
Gaus mean : 31.5711
Gaus Width: 3.5483
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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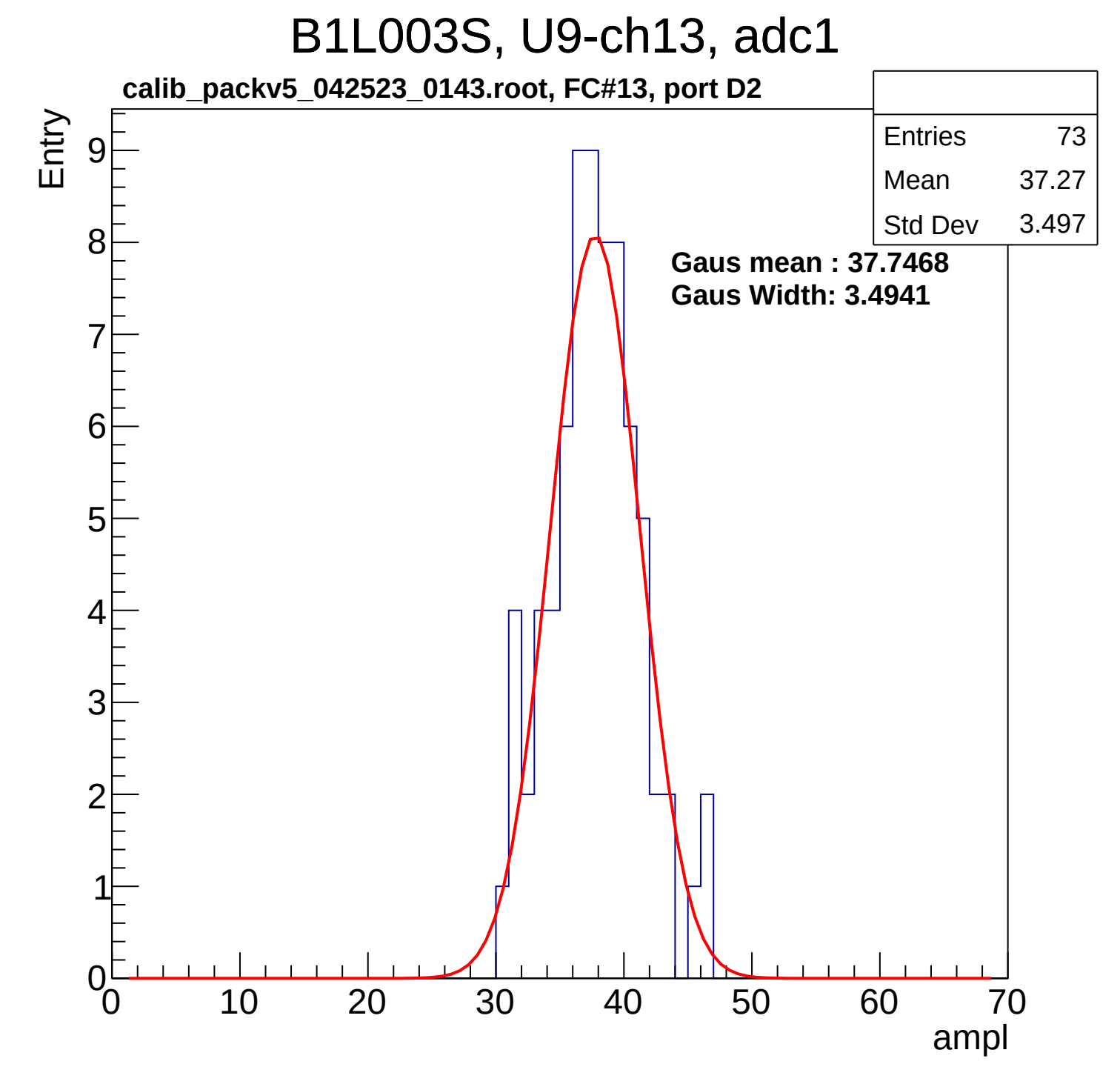
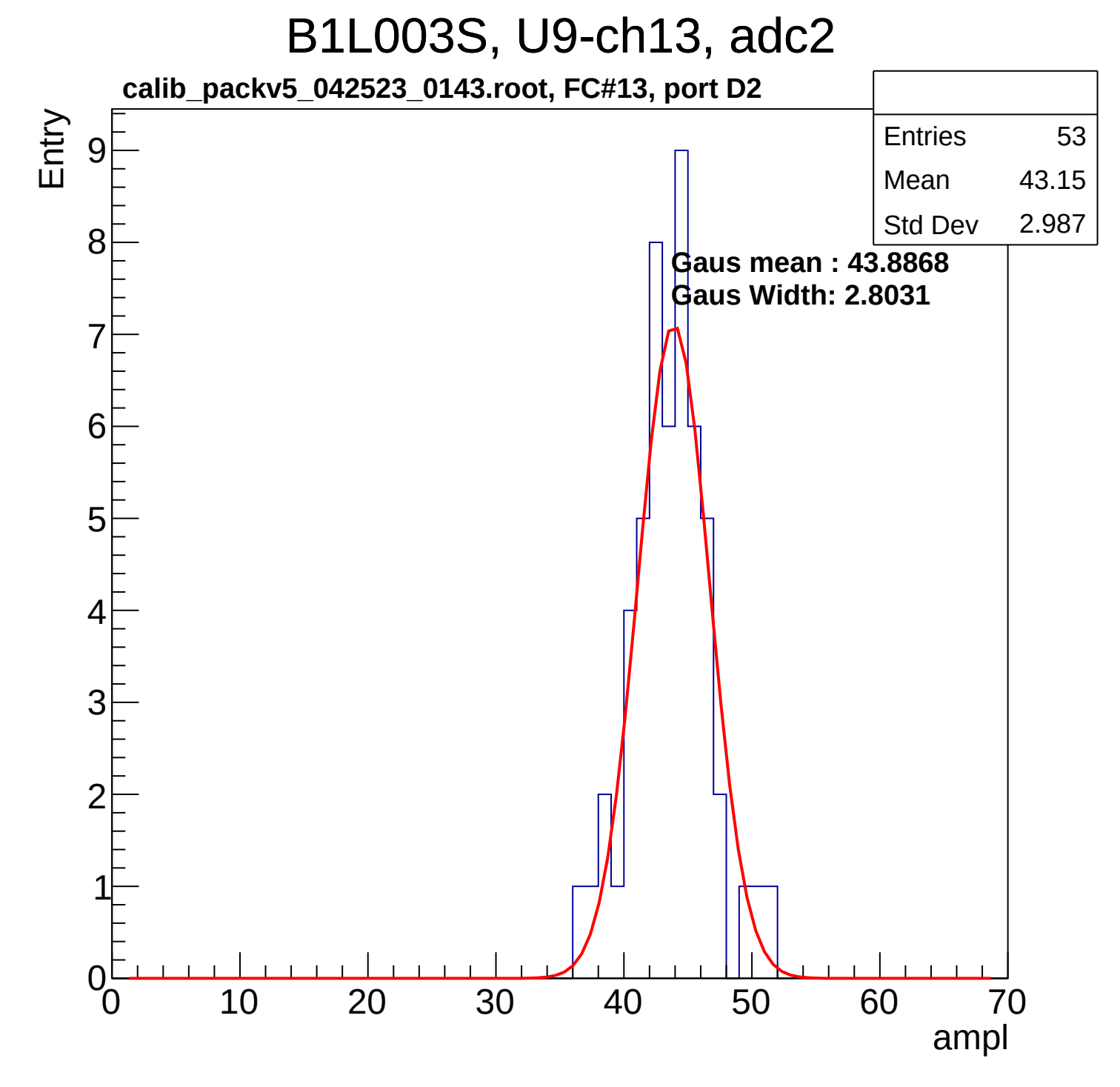

B1L003S, U9-ch13, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 37.27
Std Dev 3.497
Gaus mean : 37.7468
Gaus Width: 3.4941
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch13, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 43.15
Std Dev 2.987
Gaus mean : 43.8868
Gaus Width: 2.8031
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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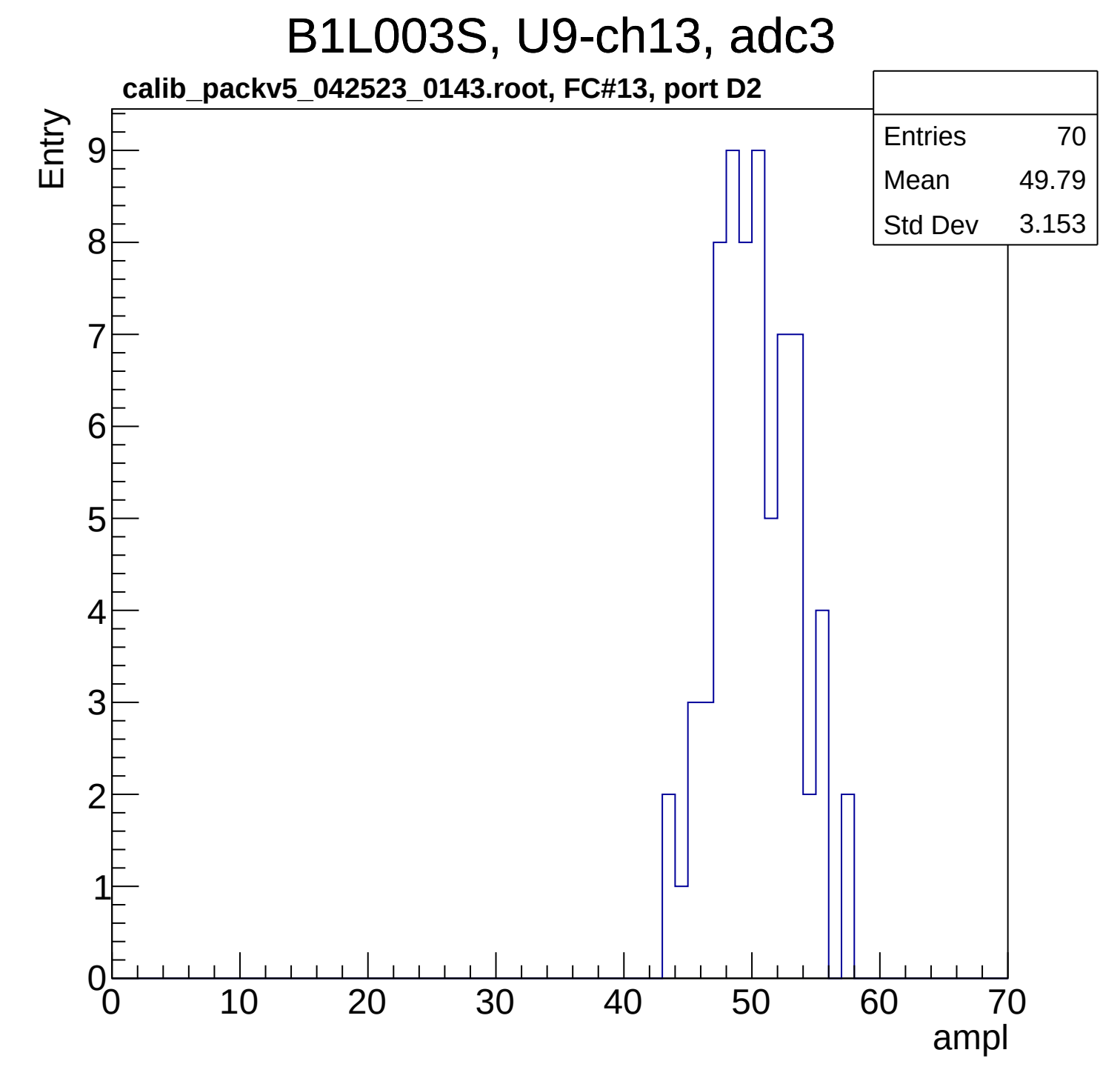
B1L003S, U9-ch13, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 49.79
Std Dev 3.153
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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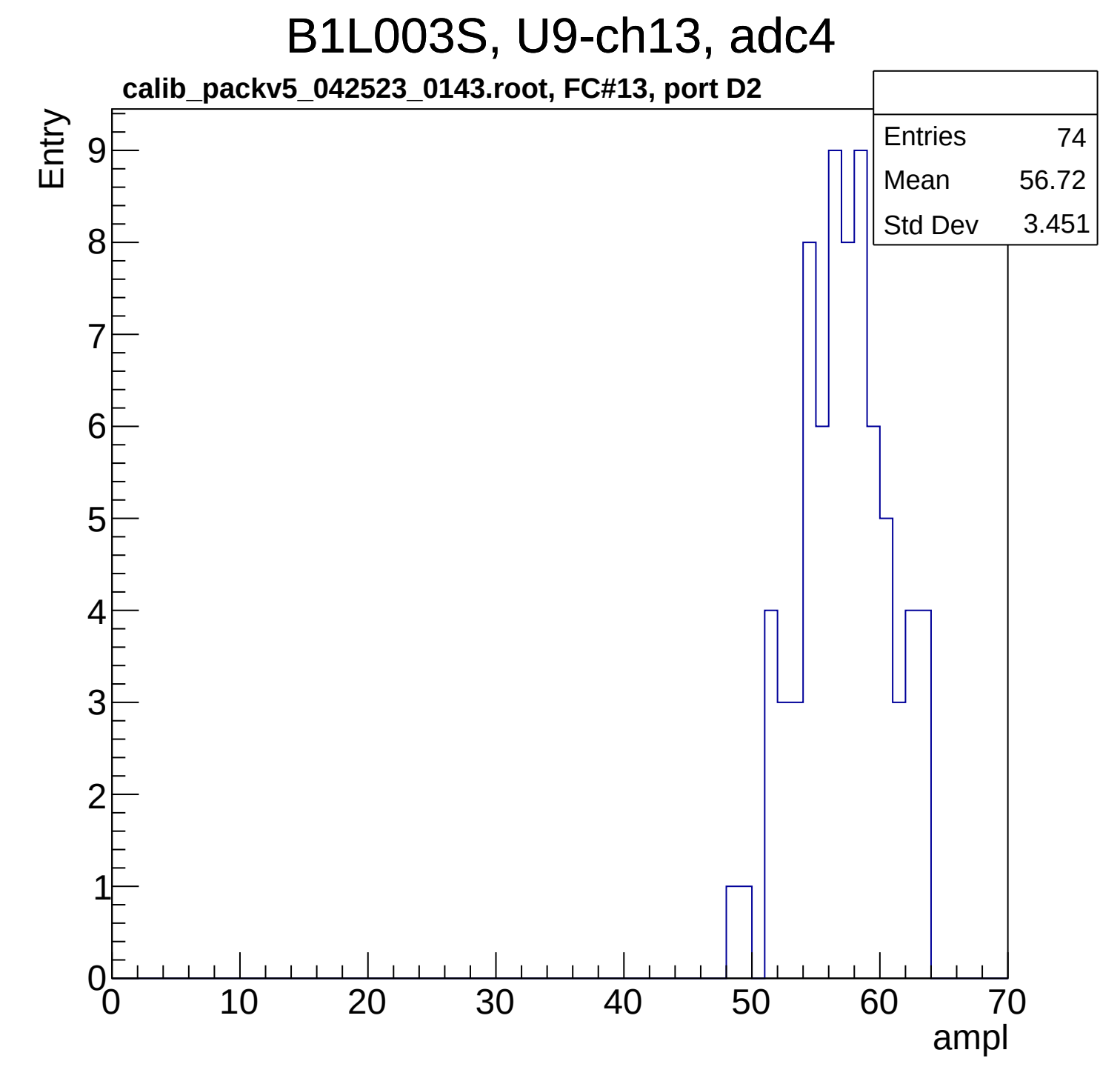
B1L003S, U9-ch13, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 56.72
Std Dev 3.451
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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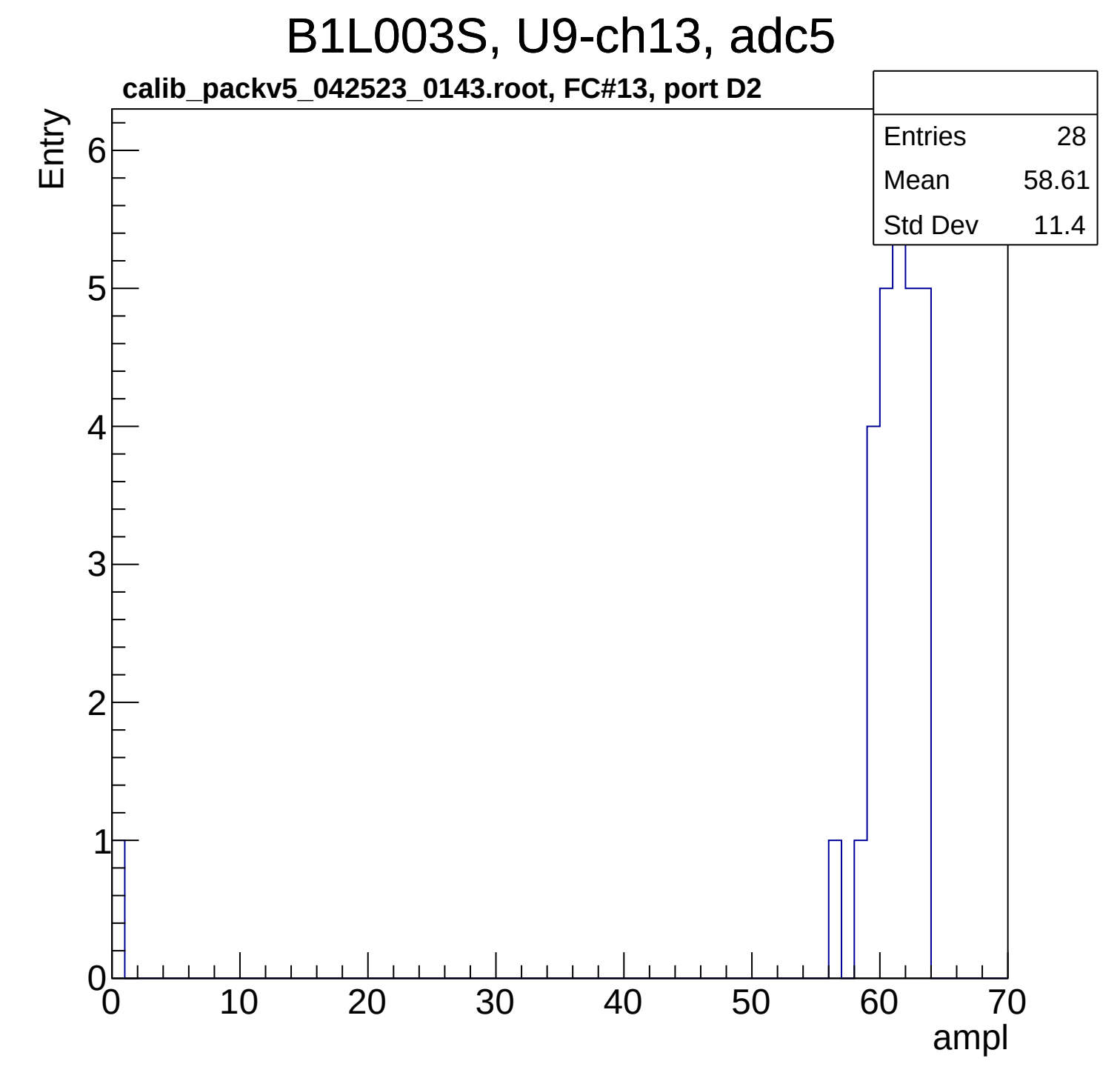
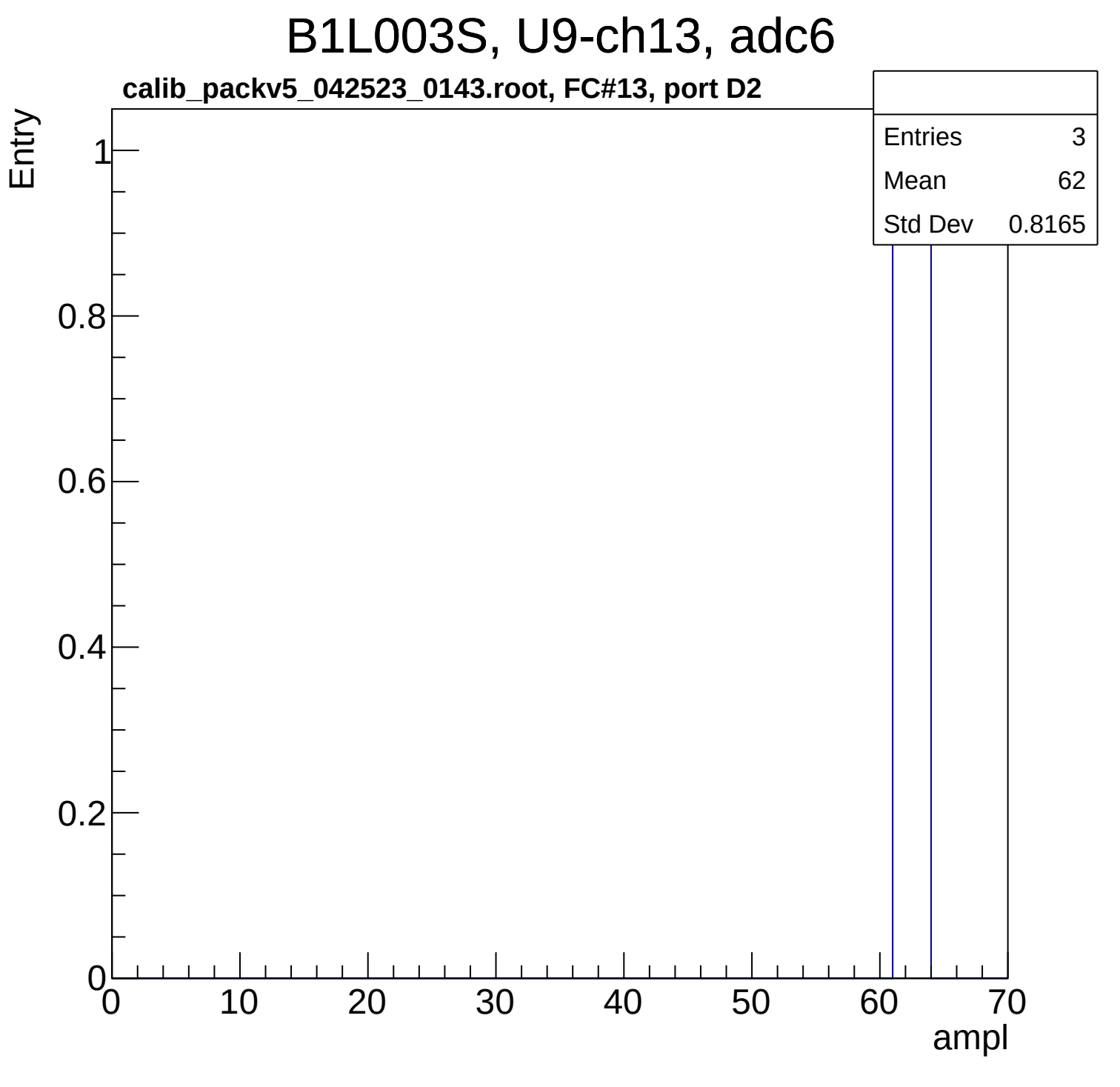

B1L003S, U9-ch13, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 28
Mean 58.61
Std Dev 11.4
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch13, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62
Std Dev 0.8165
Entry
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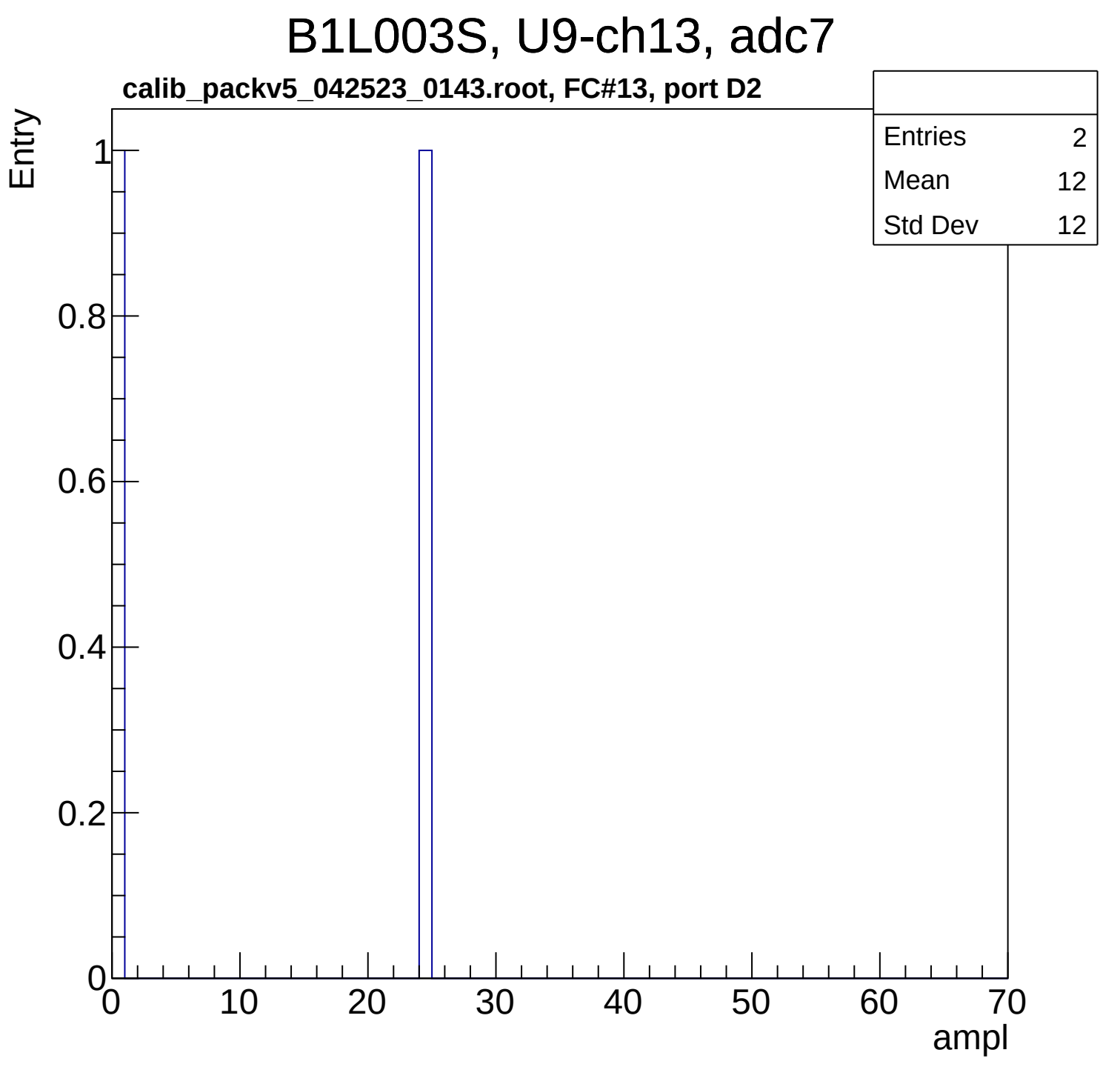
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch13, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12
Std Dev 12
Entry
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0.6
0.4
0.2
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10
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30
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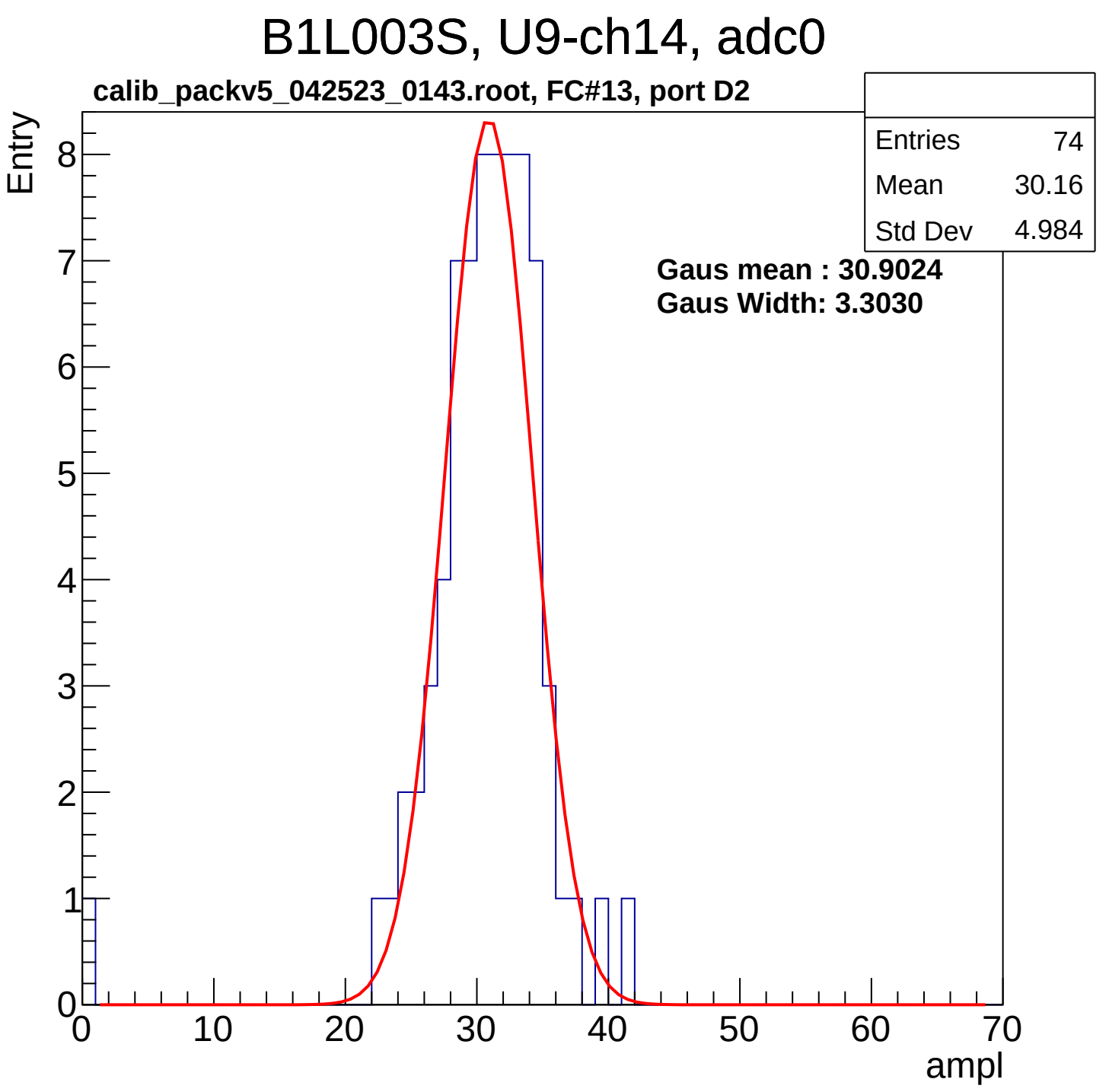
50
60
70
ampl


B1L003S, U9-ch14, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 30.16
Std Dev 4.984
Gaus mean : 30.9024
Gaus Width: 3.3030
Entry
ampl
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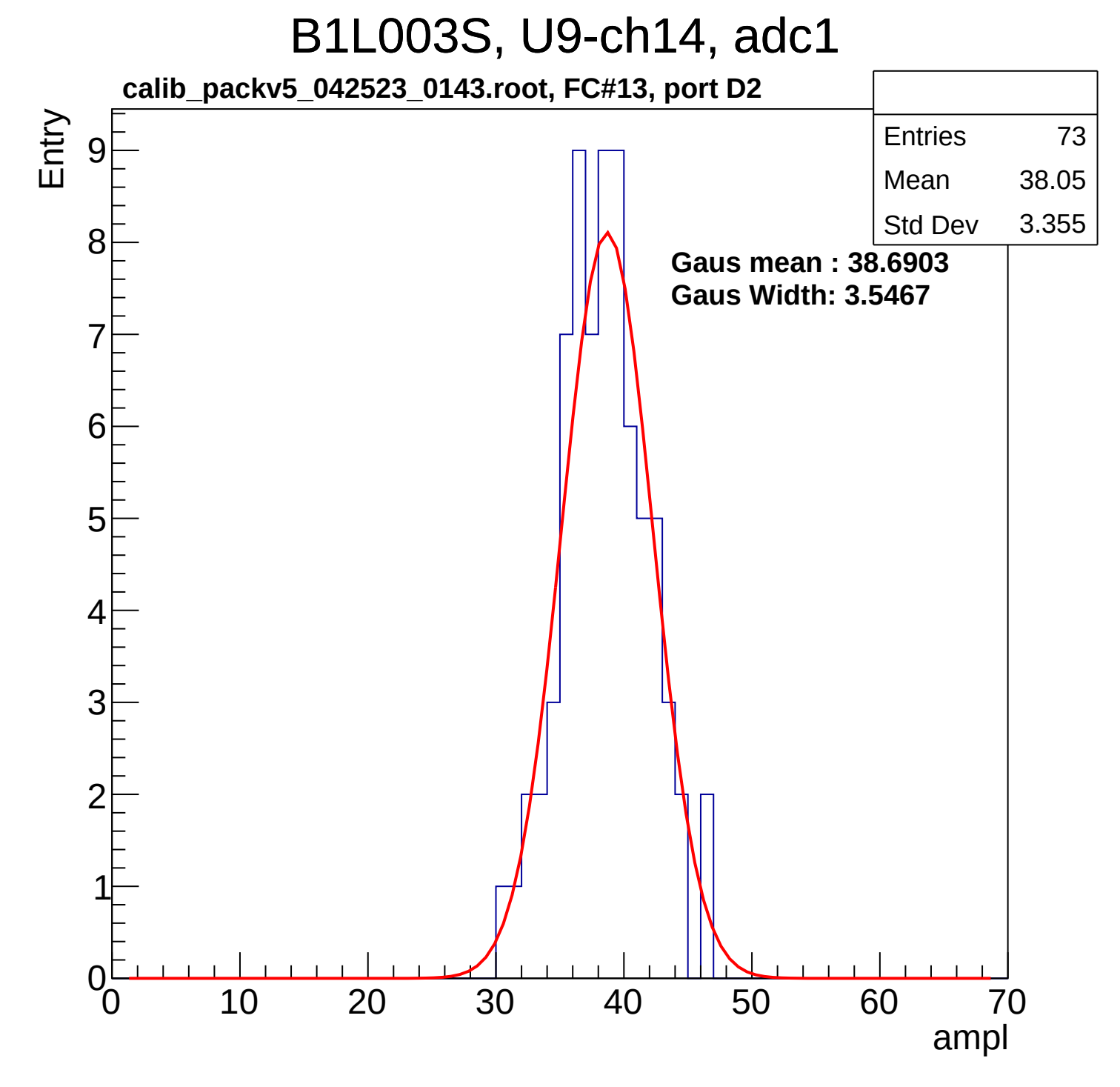
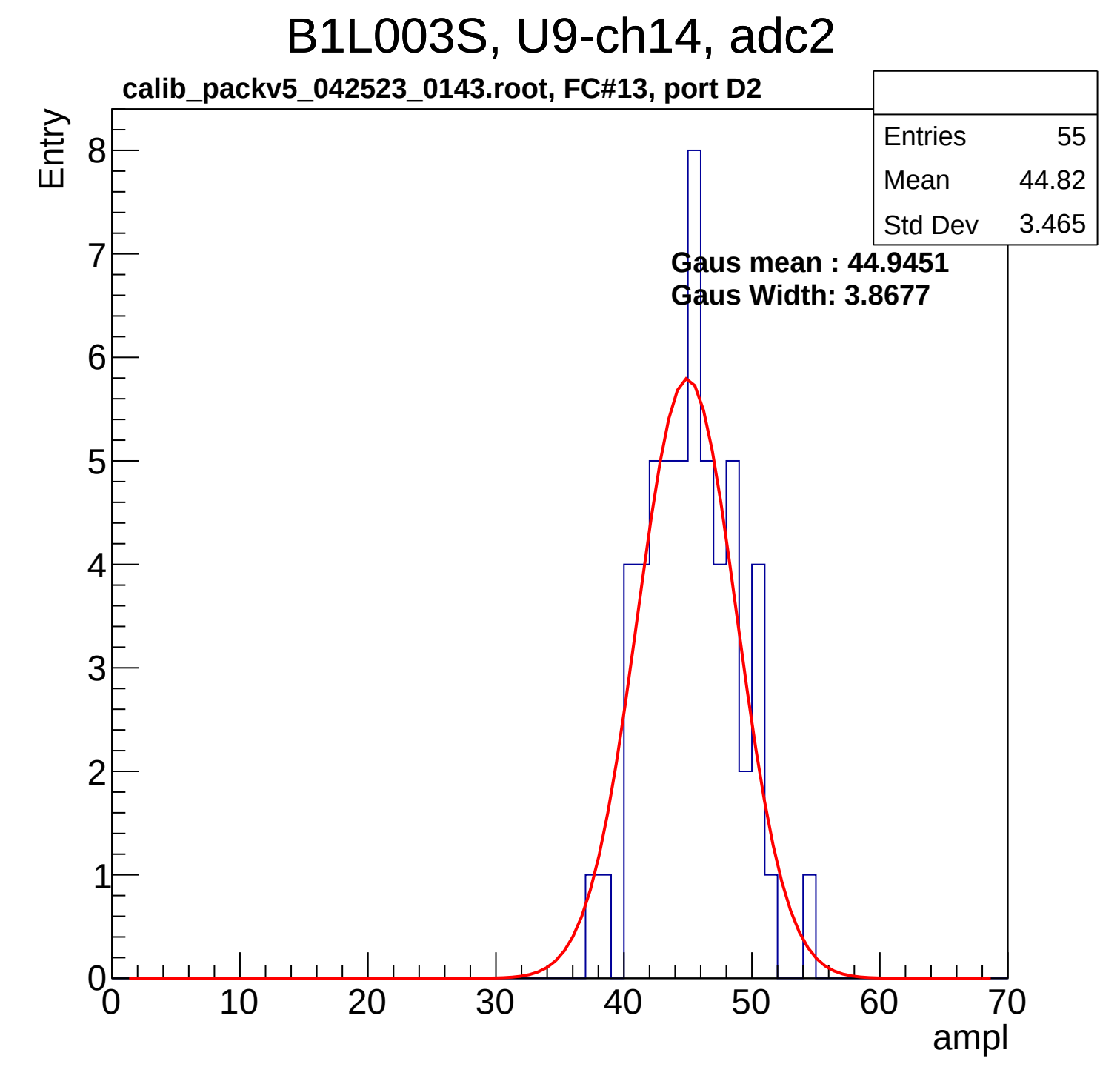
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch14, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 38.05
Std Dev 3.355
Gaus mean : 38.6903
Gaus Width: 3.5467
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch14, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 44.82
Std Dev 3.465
Gaus mean : 44.9451
Gaus Width: 3.8677
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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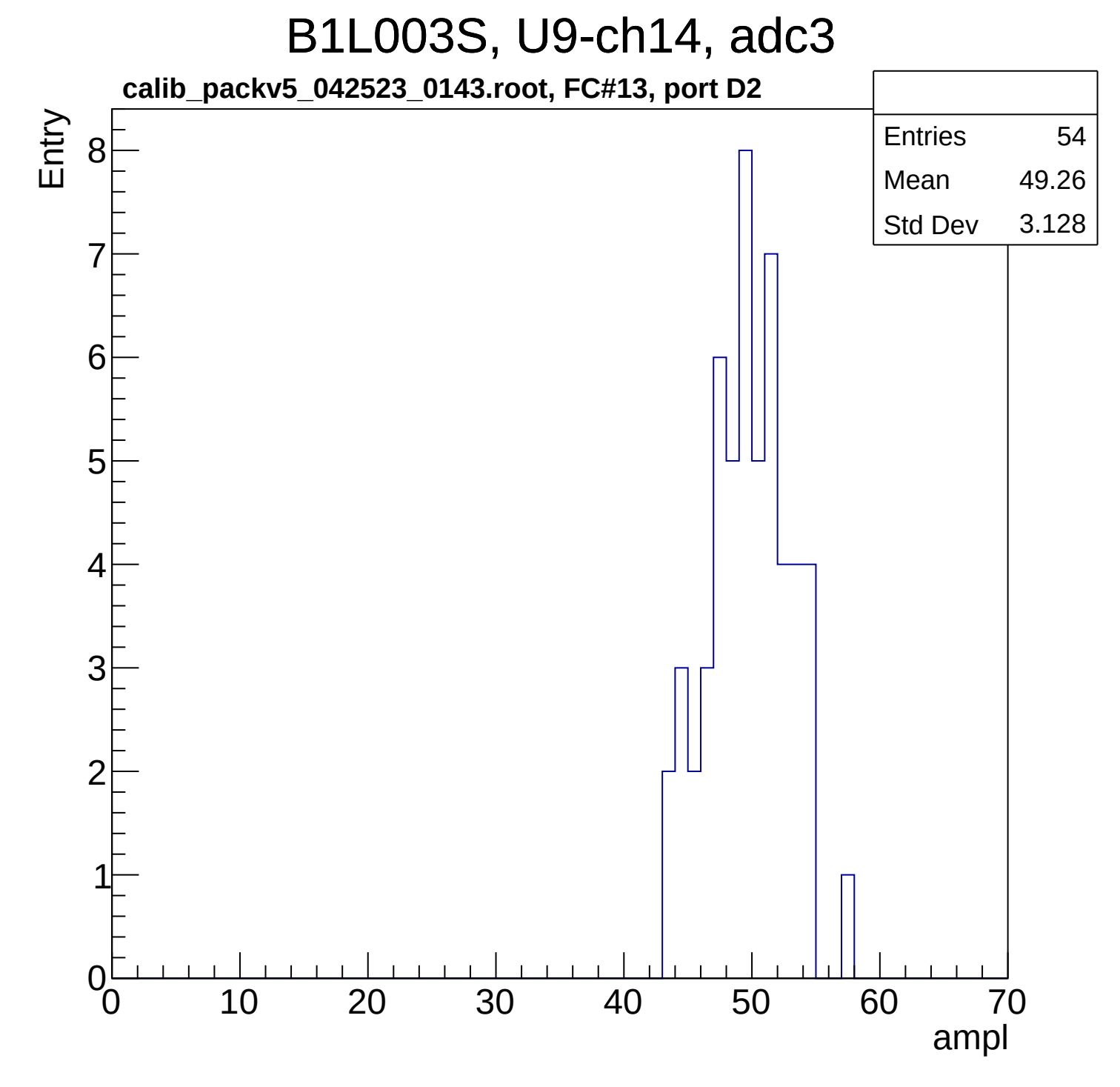
B1L003S, U9-ch14, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 49.26
Std Dev 3.128
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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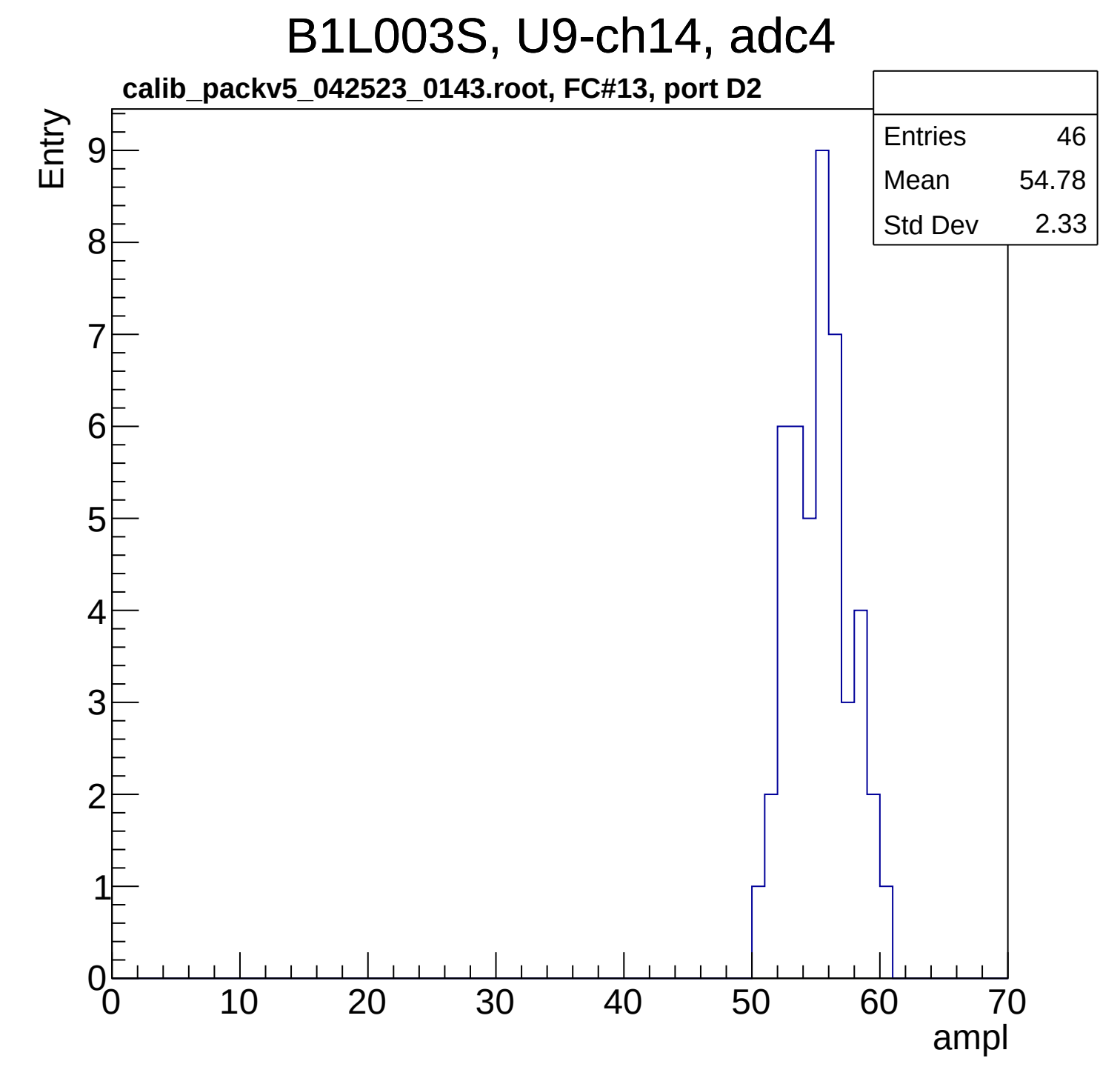
40
50
60
70


B1L003S, U9-ch14, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 54.78
Std Dev 2.33
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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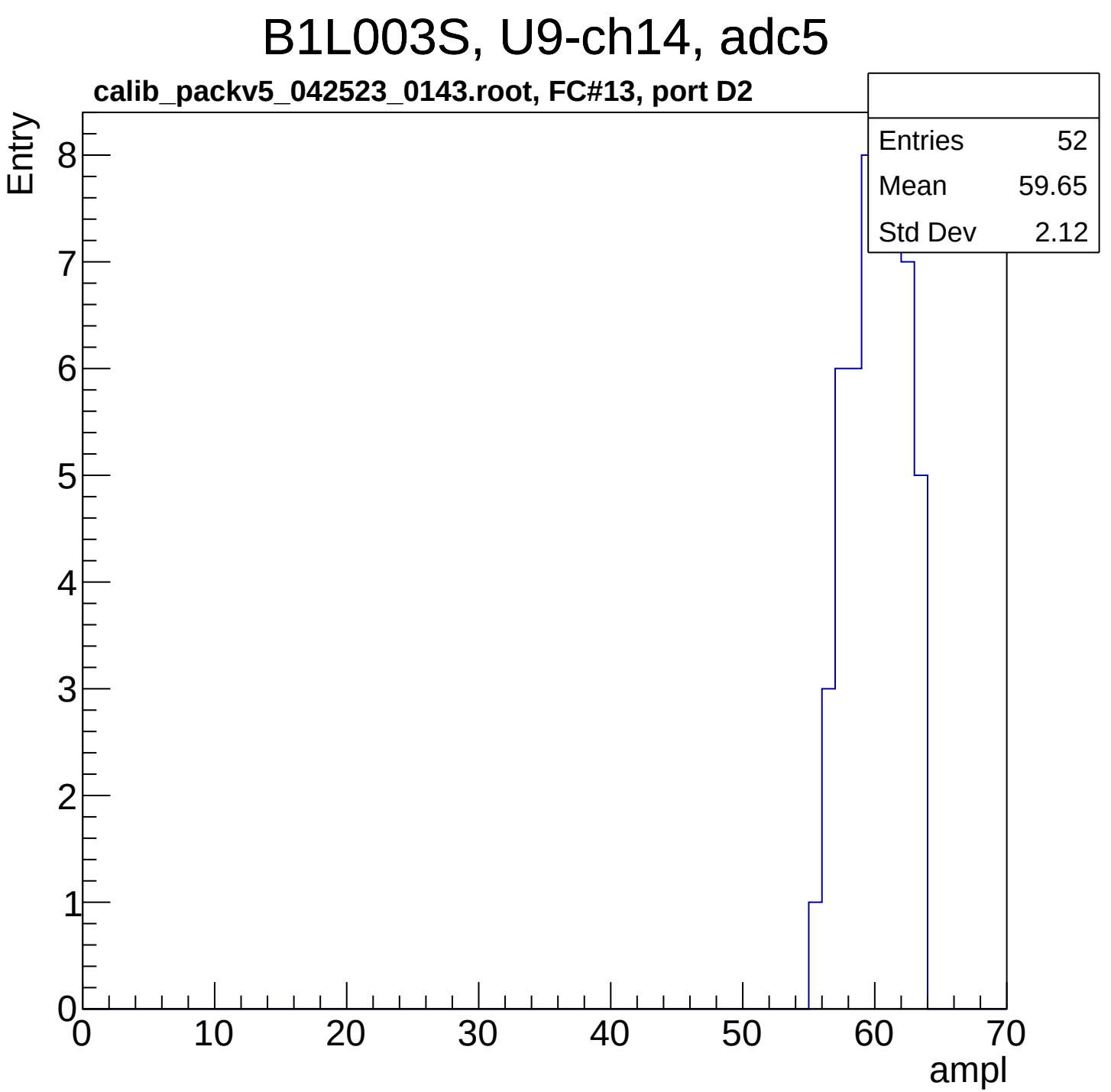
B1L003S, U9-ch14, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 59.65
Std Dev 2.12
Entry
ampl
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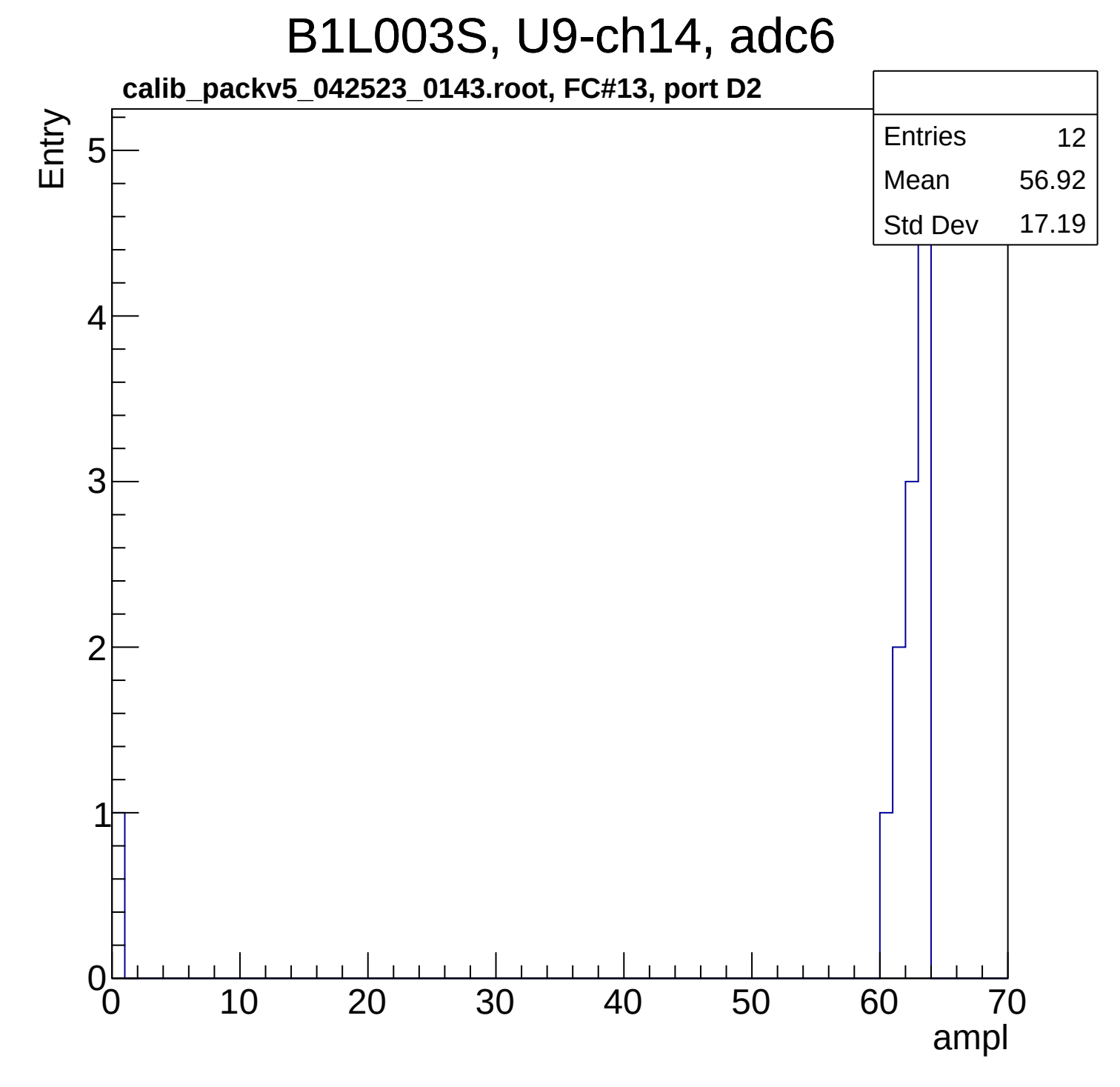
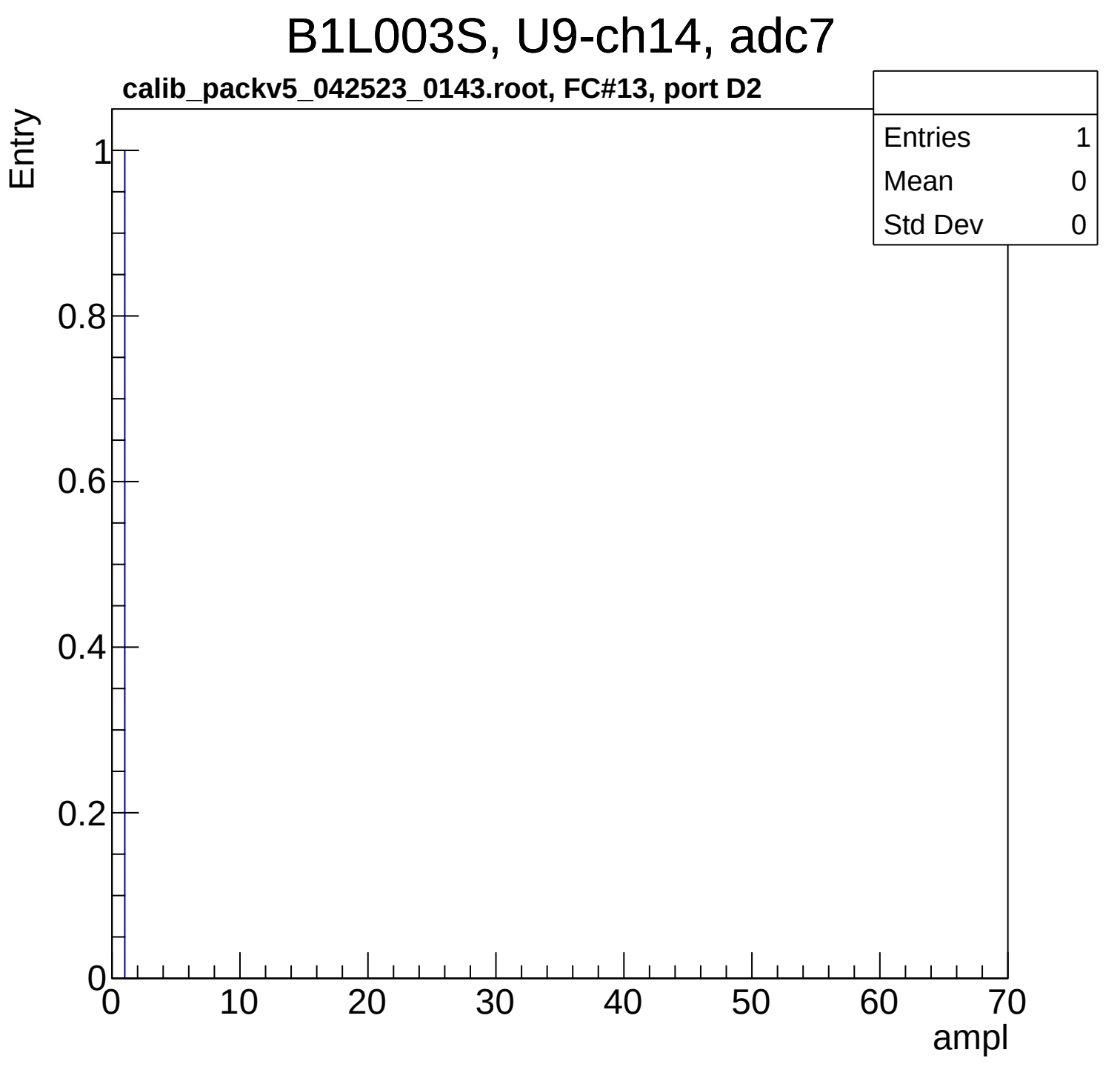
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch14, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 56.92
Std Dev 17.19
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch14, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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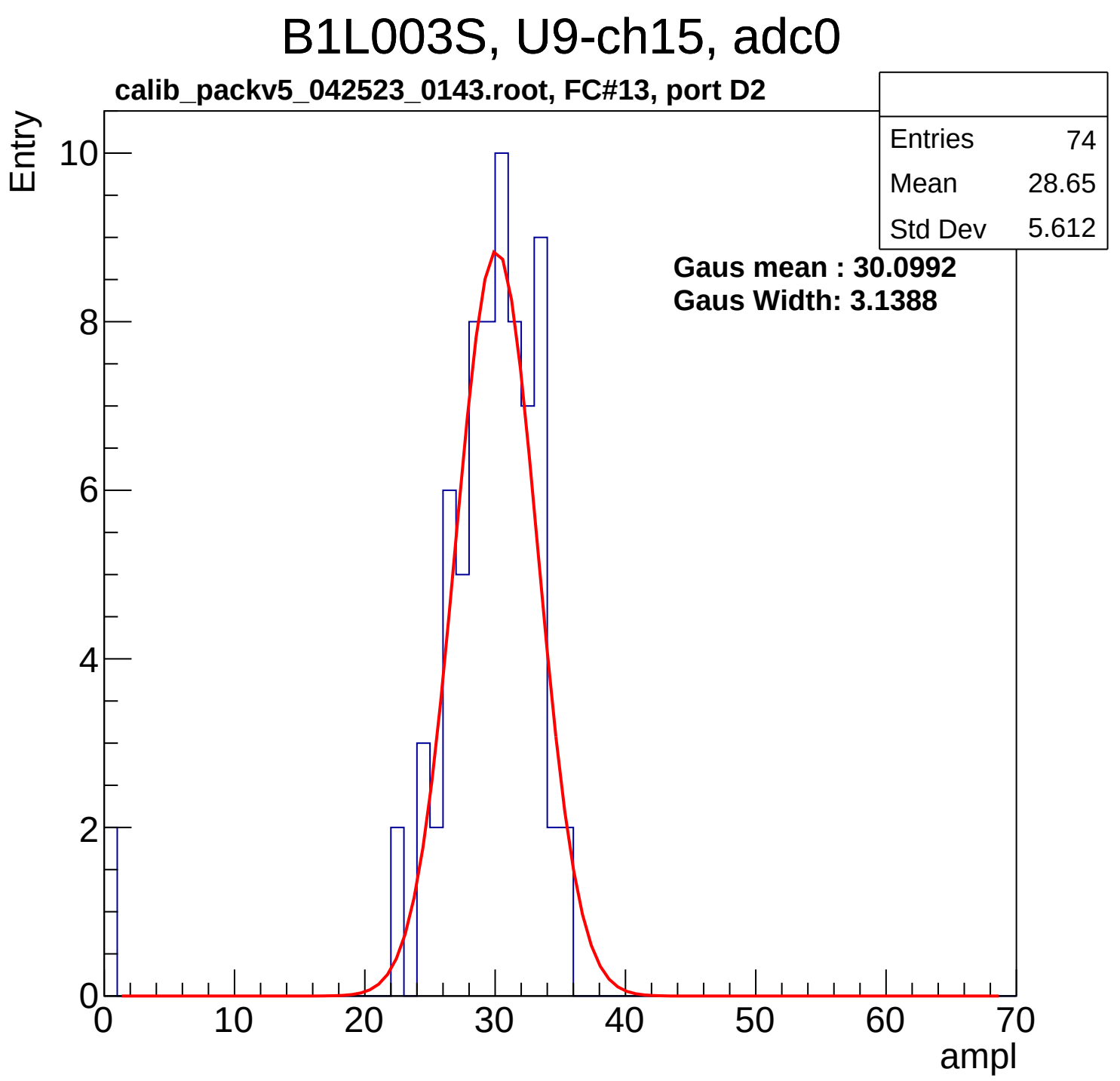
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch15, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 28.65
Std Dev 5.612
Gaus mean : 30.0992
Gaus Width: 3.1388
Entry
ampl
0
2
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6
8
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0
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40
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60
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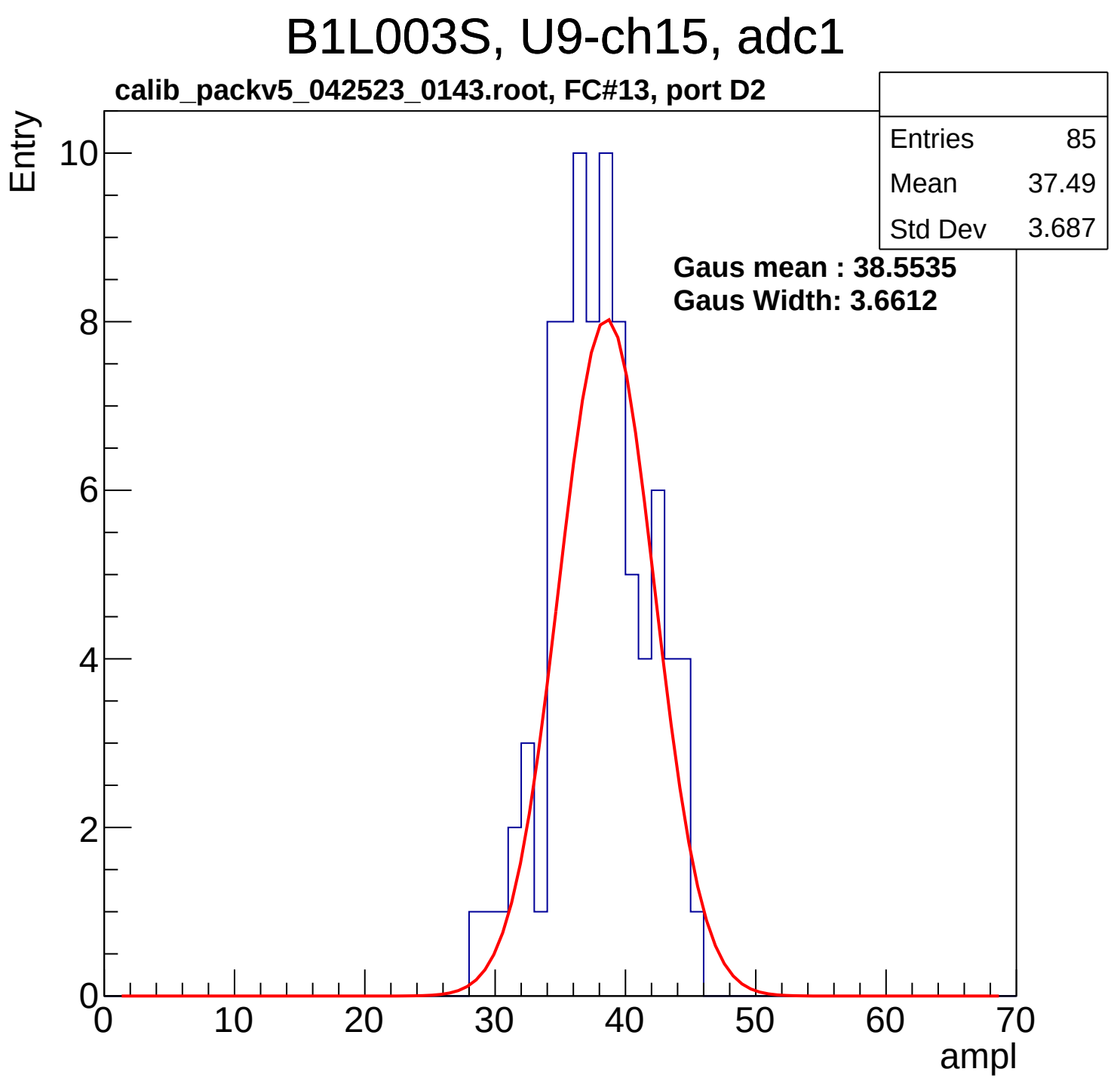
B1L003S, U9-ch15, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 37.49
Std Dev 3.687
Gaus mean : 38.5535
Gaus Width: 3.6612
Entry
ampl
0
2
4
6
8
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0
10
20
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40
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60
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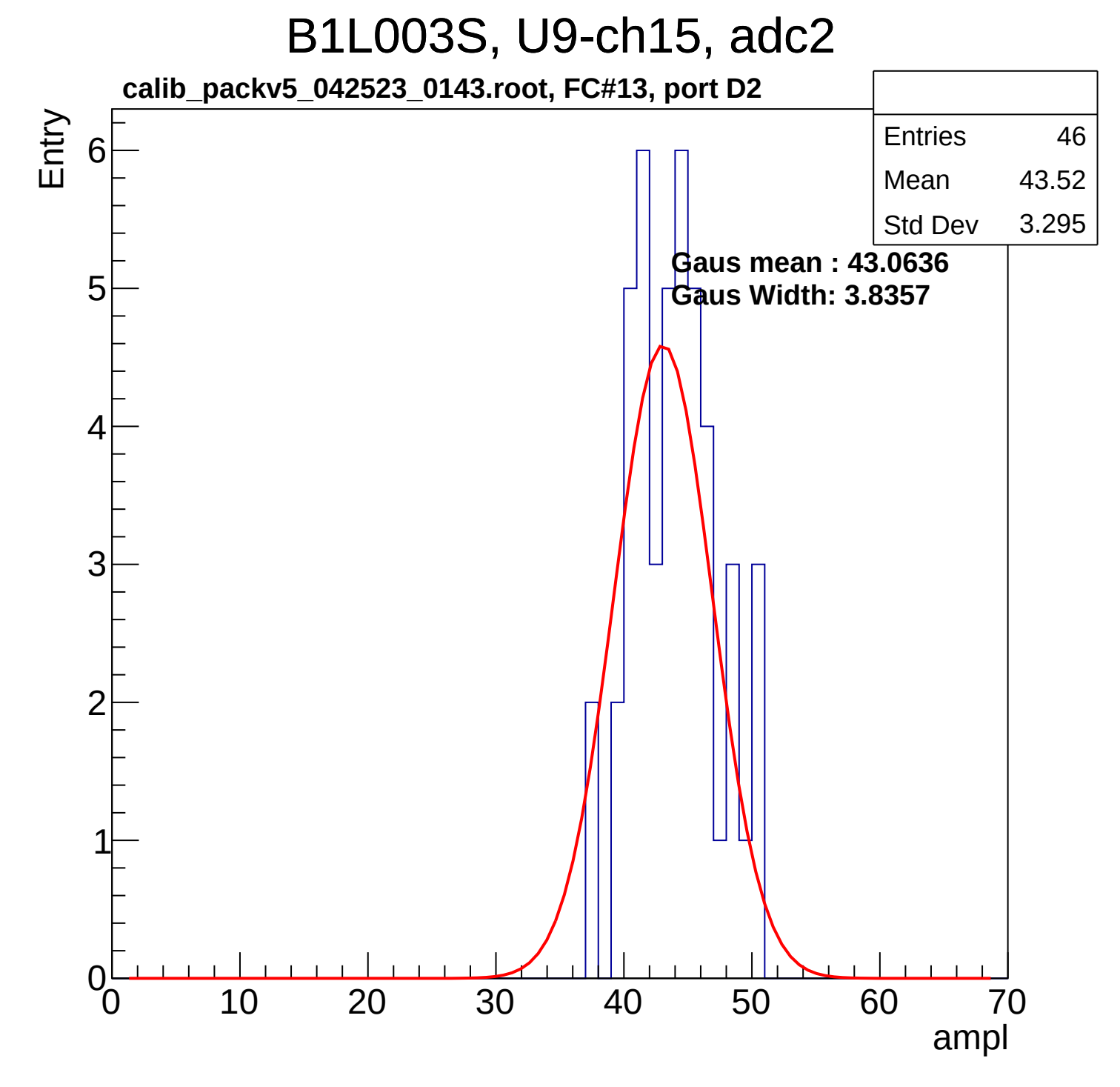
B1L003S, U9-ch15, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 43.52
Std Dev 3.295
Gaus mean : 43.0636
Gaus Width: 3.8357
Entry
ampl
0
1
2
3
4
5
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0
10
20
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40
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60
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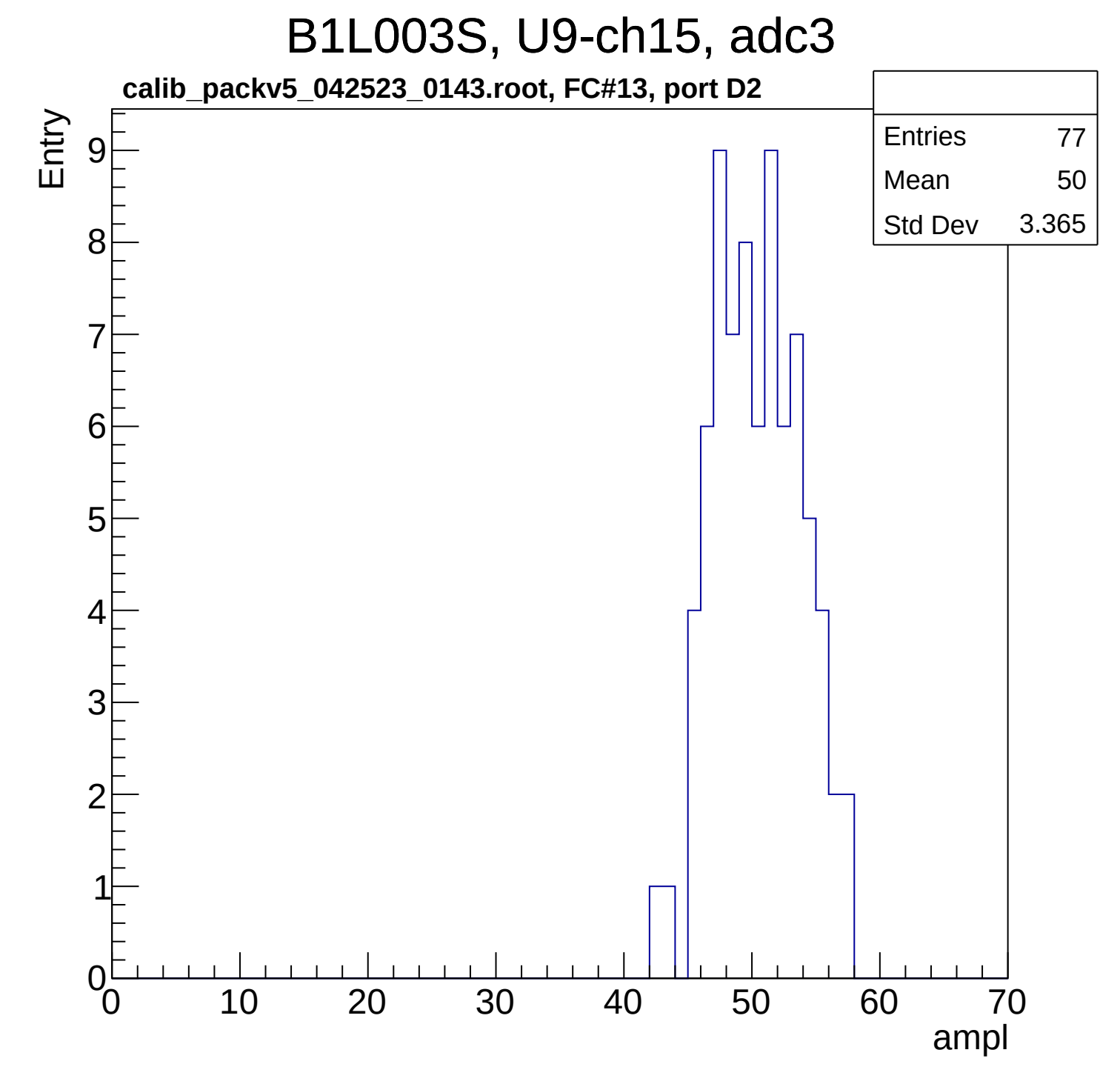
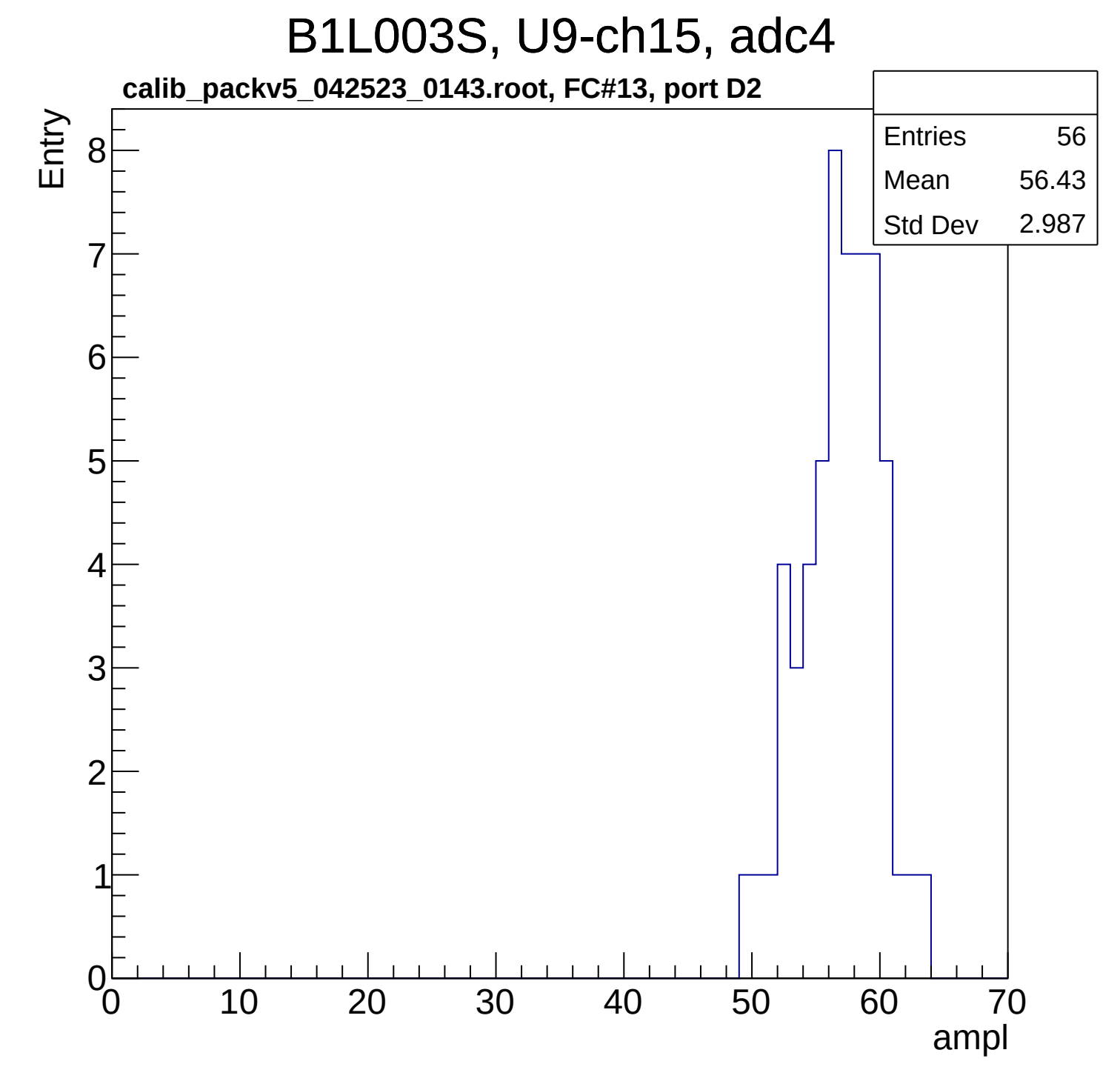

B1L003S, U9-ch15, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 50
Std Dev 3.365
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch15, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 56.43
Std Dev 2.987
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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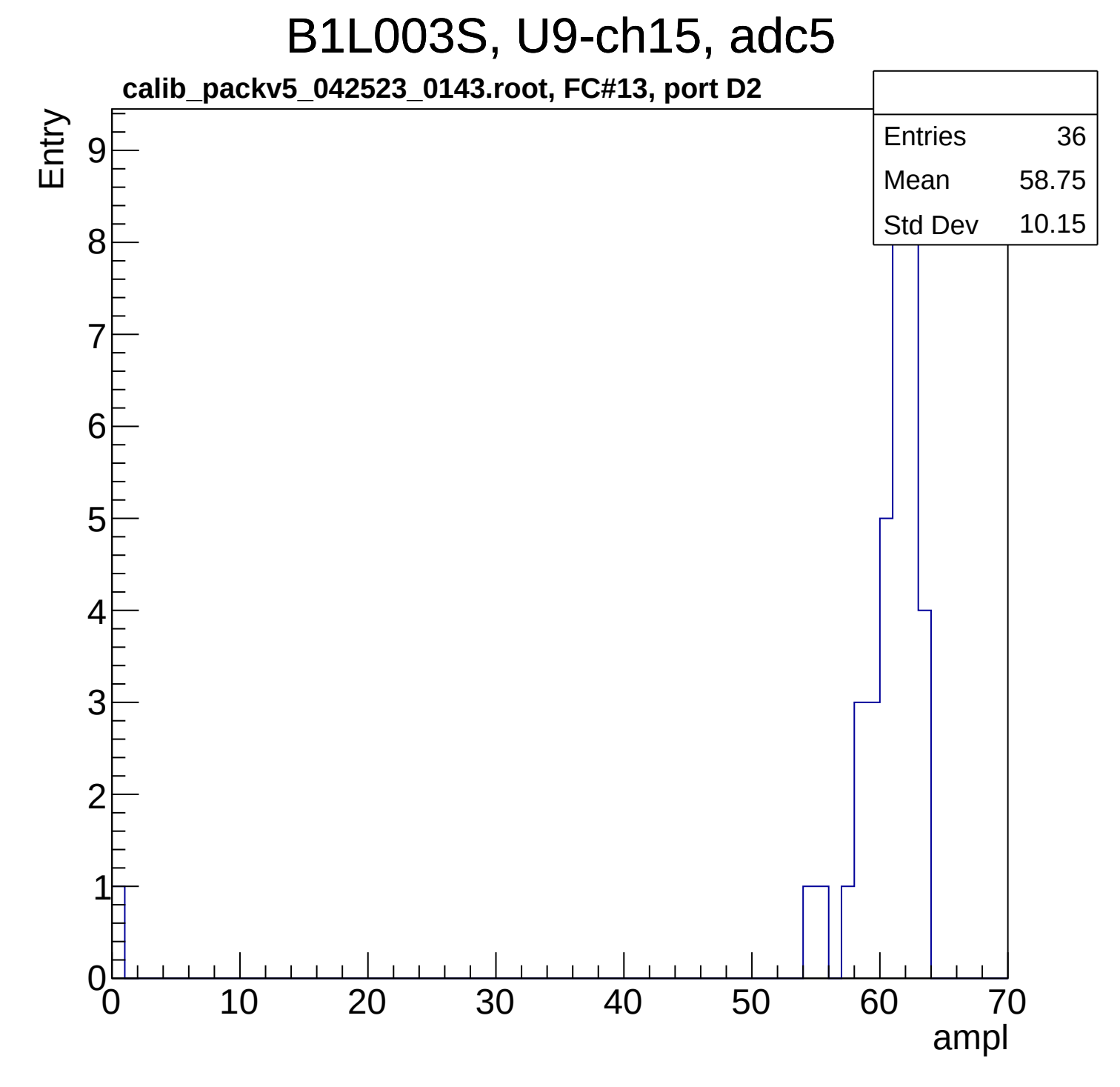
B1L003S, U9-ch15, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 58.75
Std Dev 10.15
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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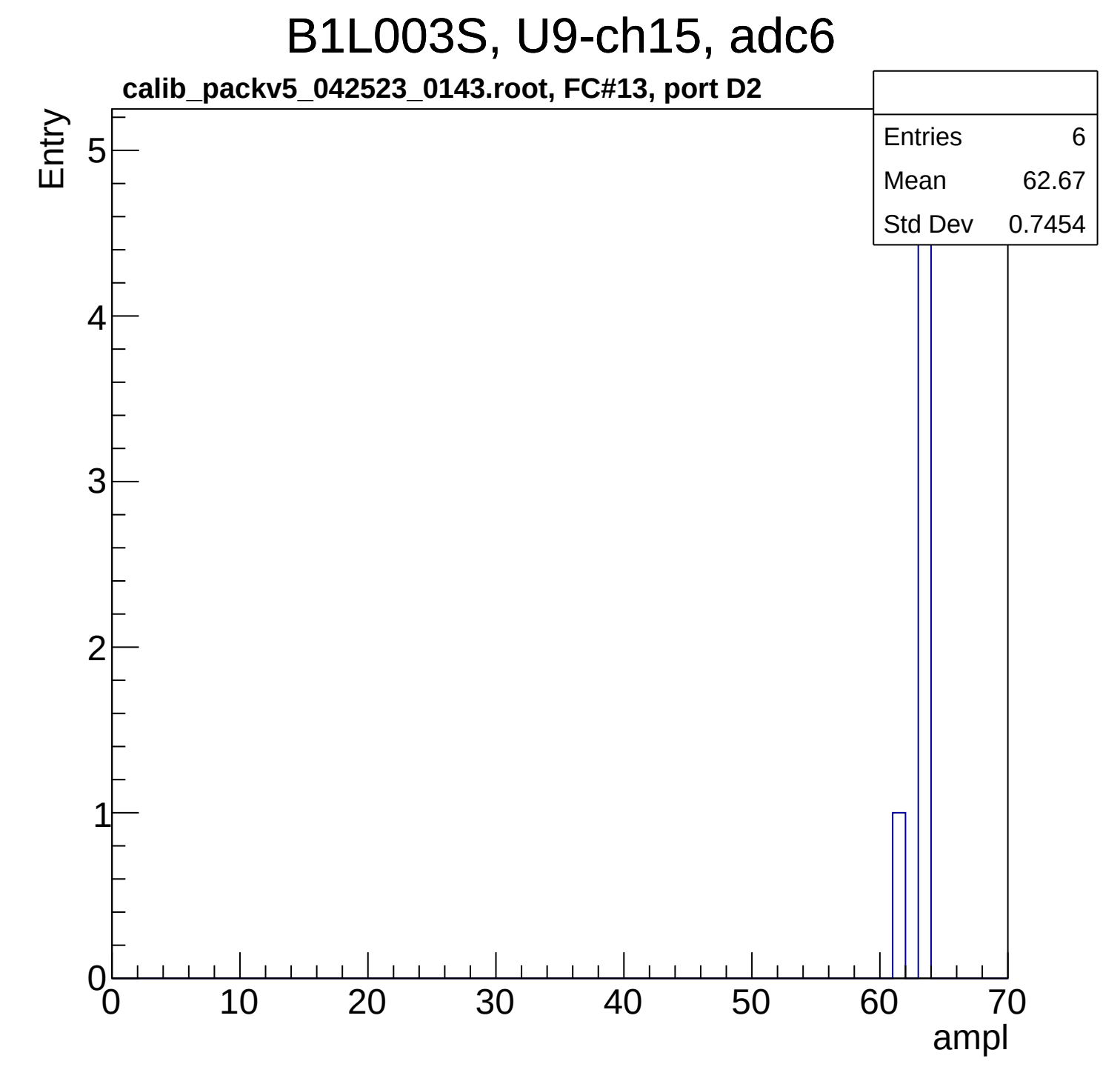
B1L003S, U9-ch15, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 62.67
Std Dev 0.7454
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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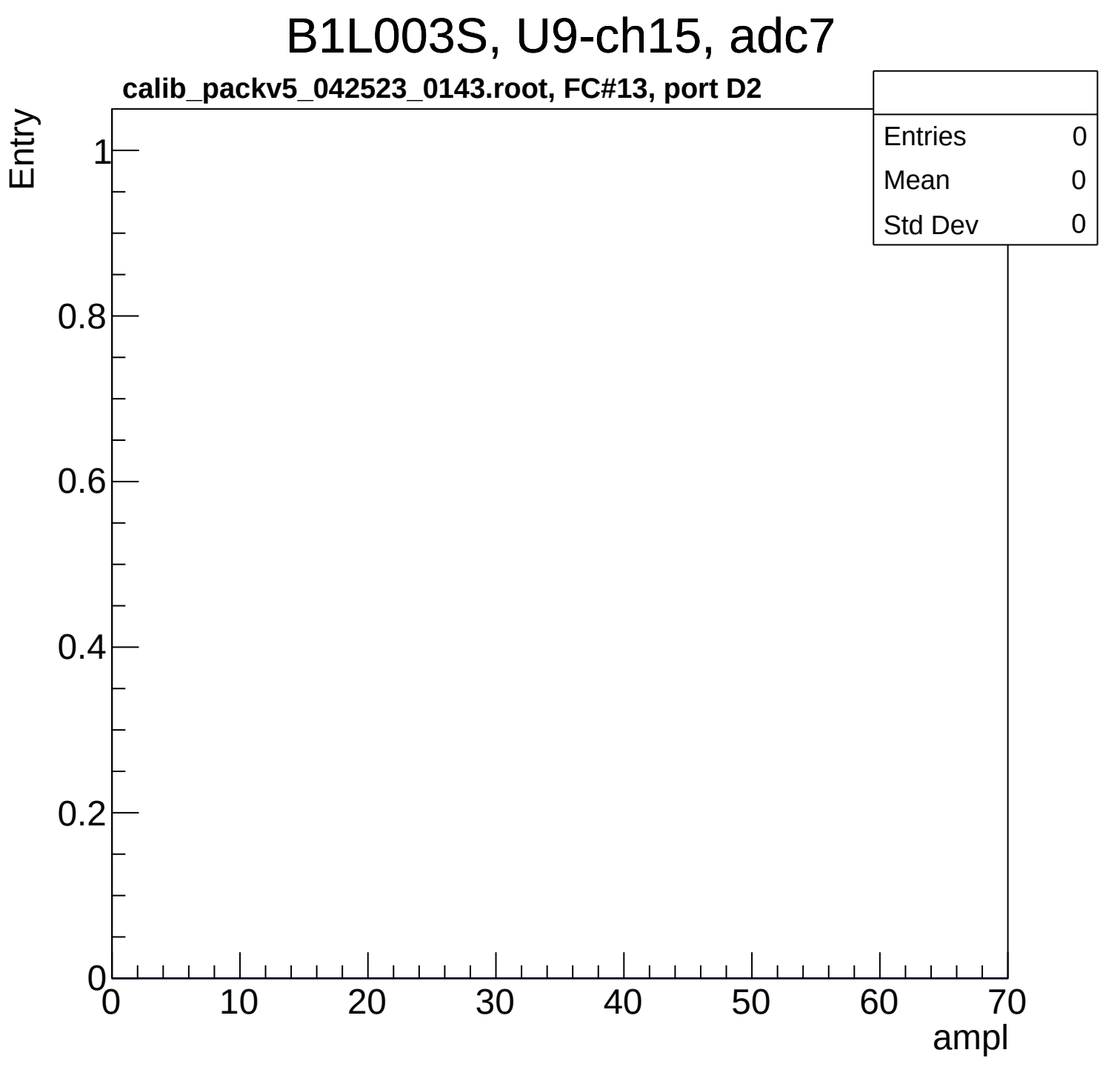
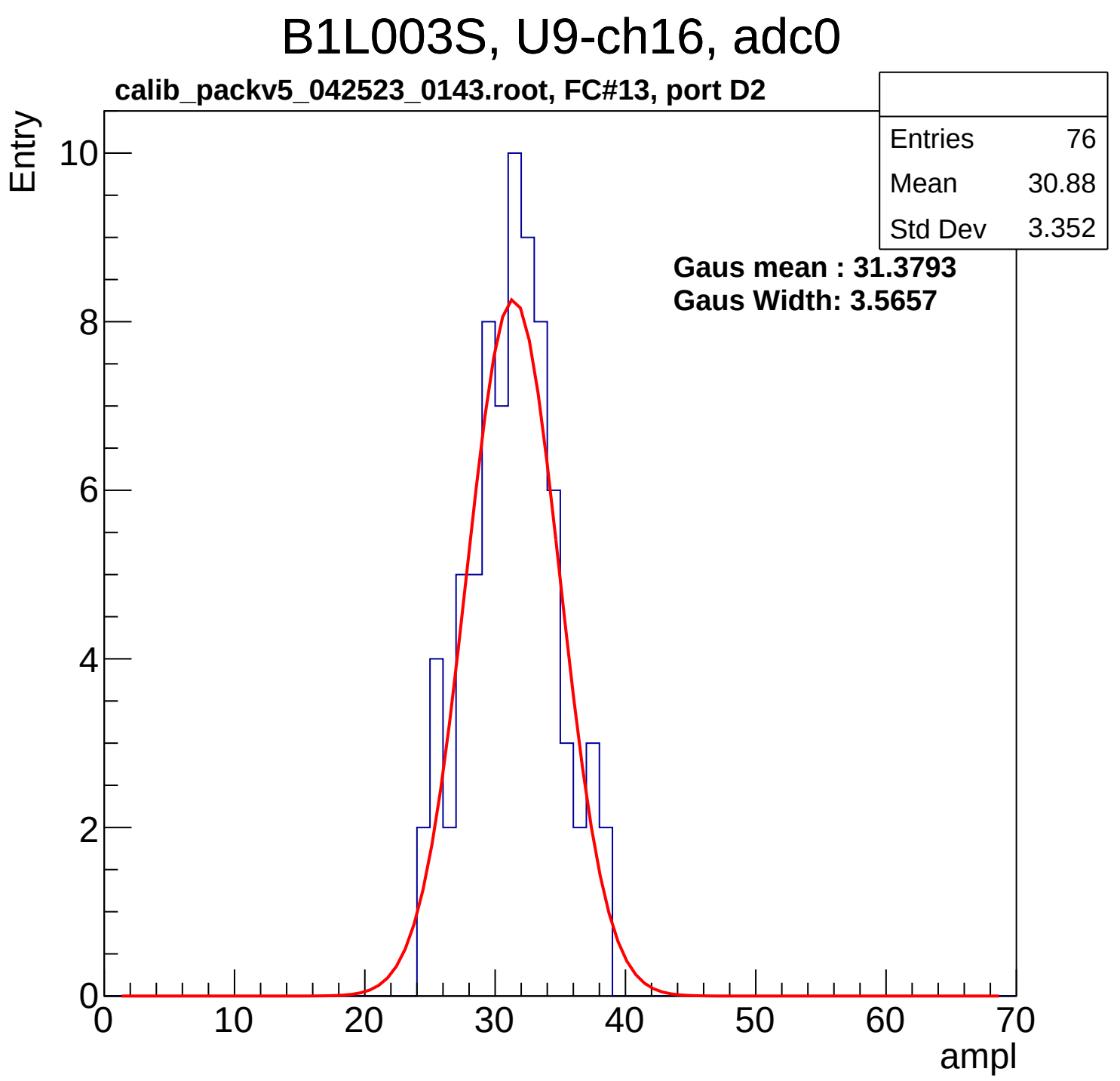
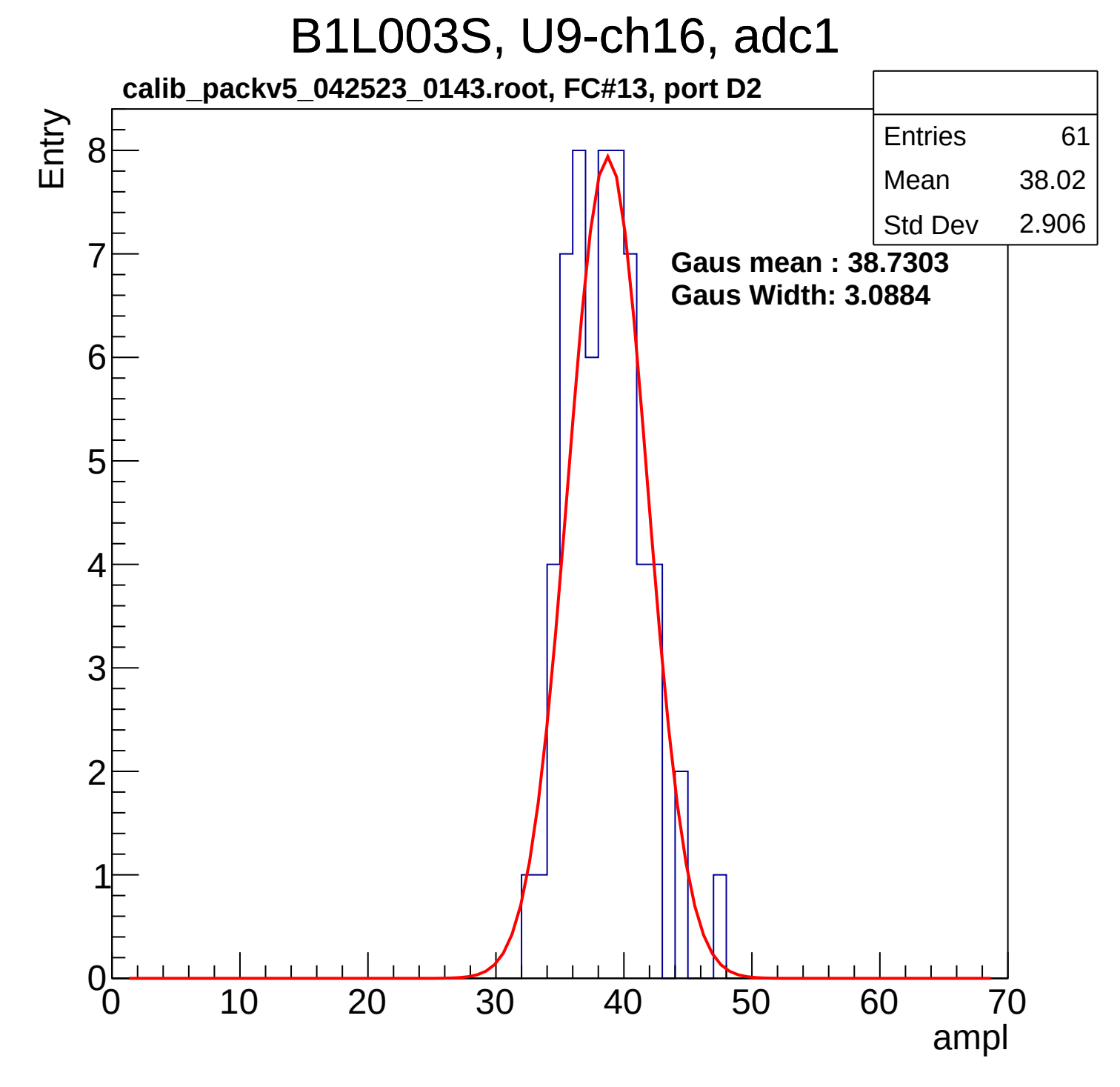

B1L003S, U9-ch15, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch16, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 30.88
Std Dev 3.352
Gaus mean : 31.3793
Gaus Width: 3.5657
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch16, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 38.02
Std Dev 2.906
Gaus mean : 38.7303
Gaus Width: 3.0884
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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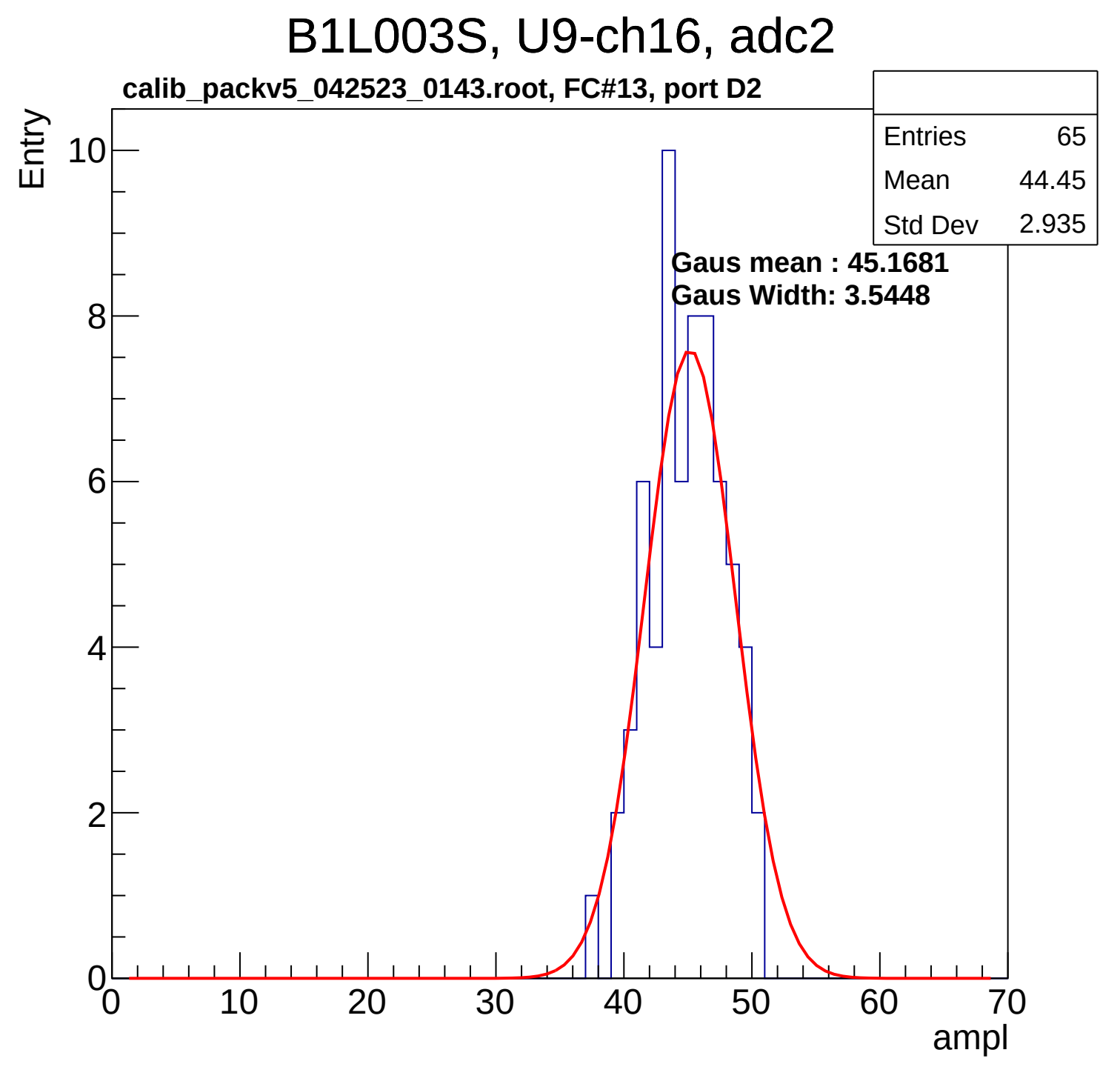
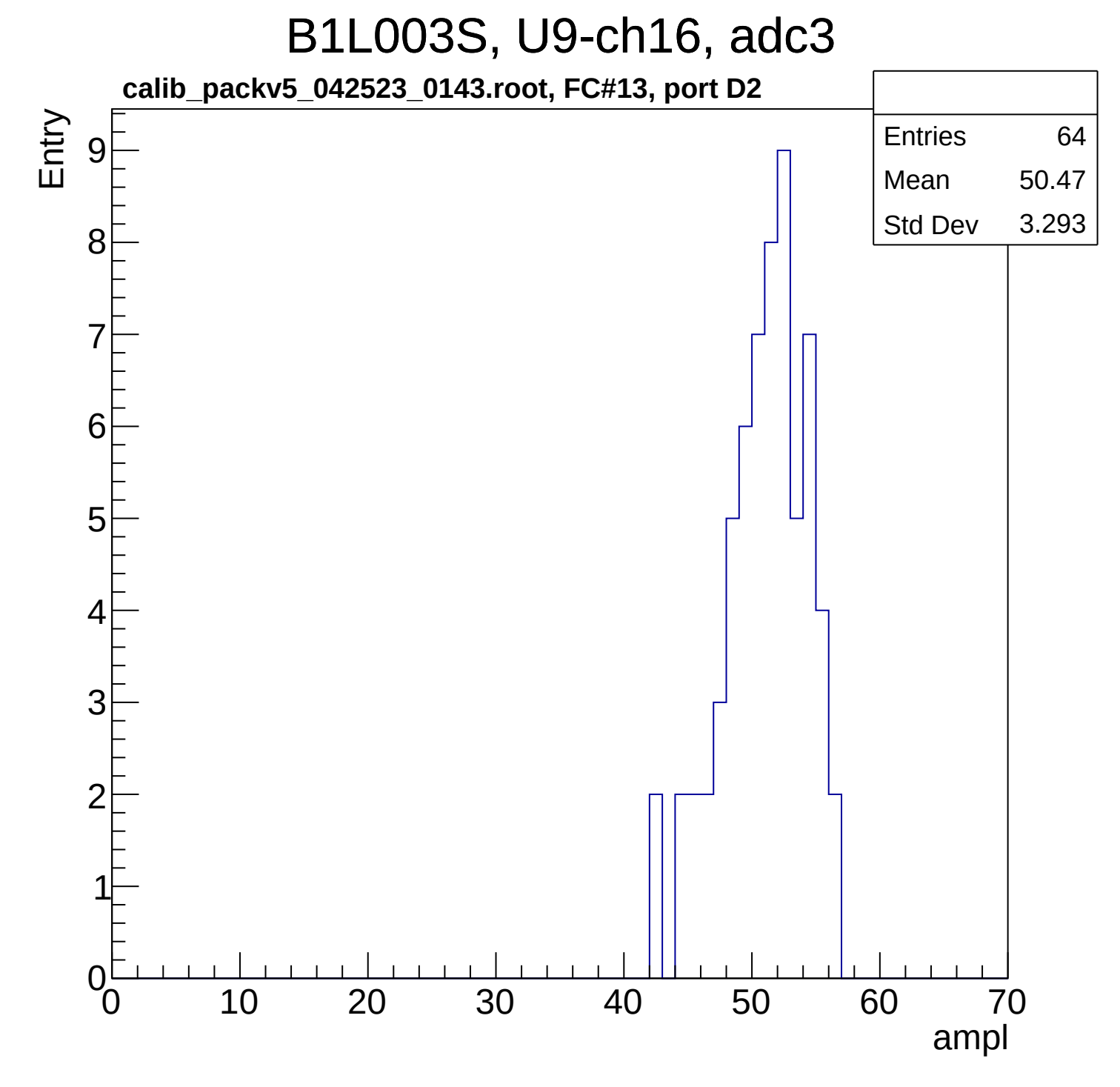
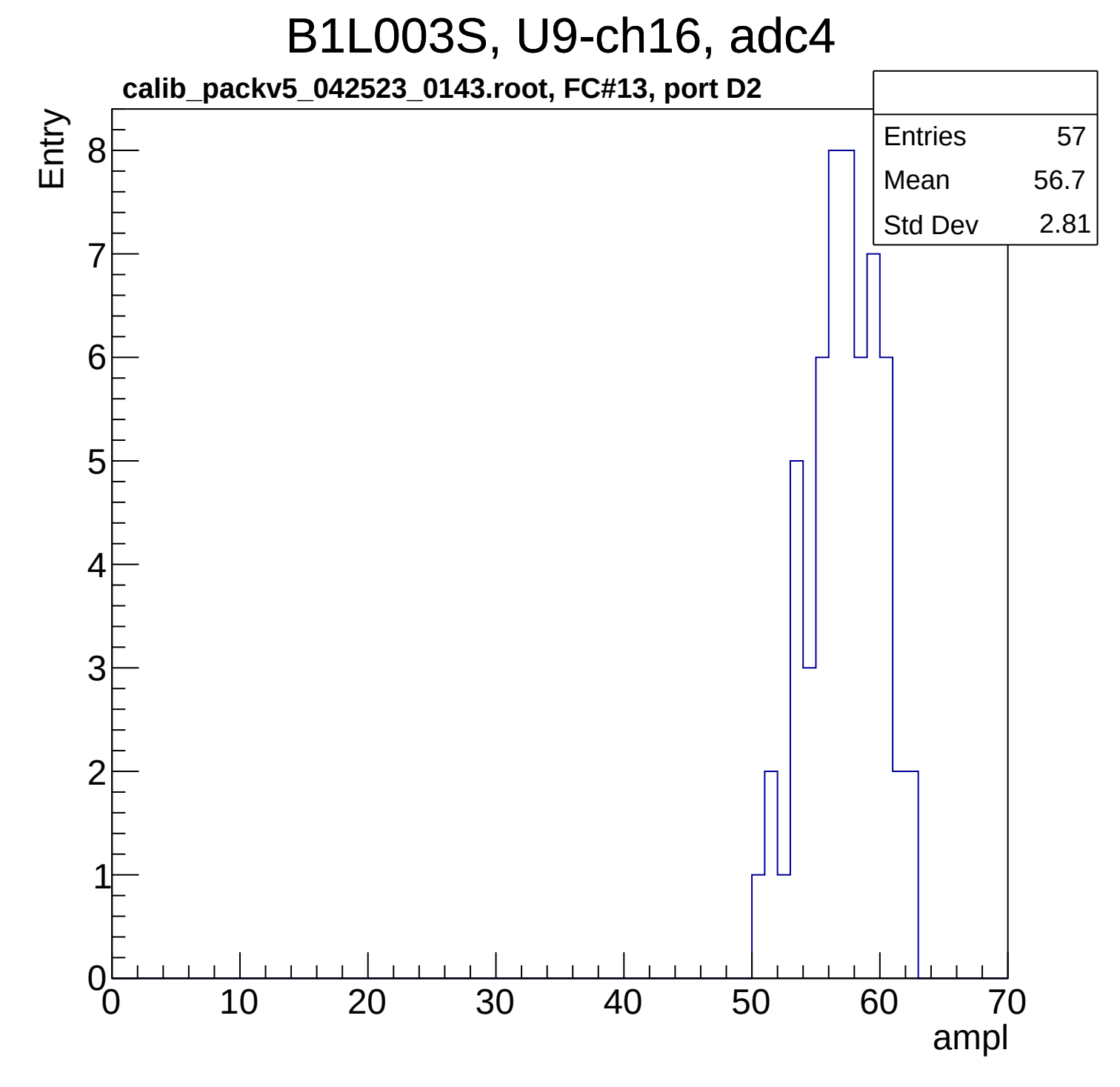
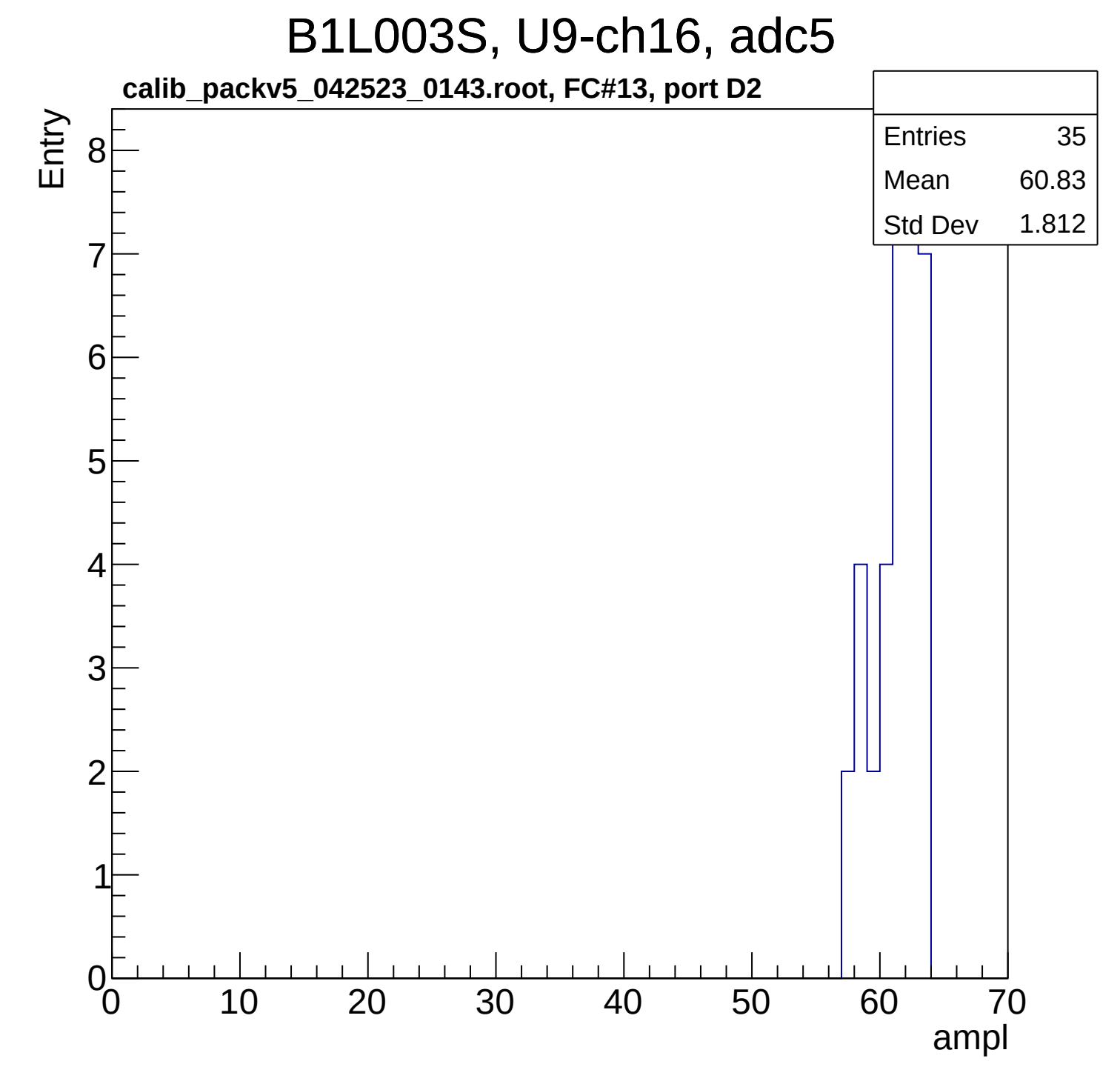

B1L003S, U9-ch16, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 44.45
Std Dev 2.935
Gaus mean : 45.1681
Gaus Width: 3.5448
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch16, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 50.47
Std Dev 3.293
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch16, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 56.7
Std Dev 2.81
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch16, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 60.83
Std Dev 1.812
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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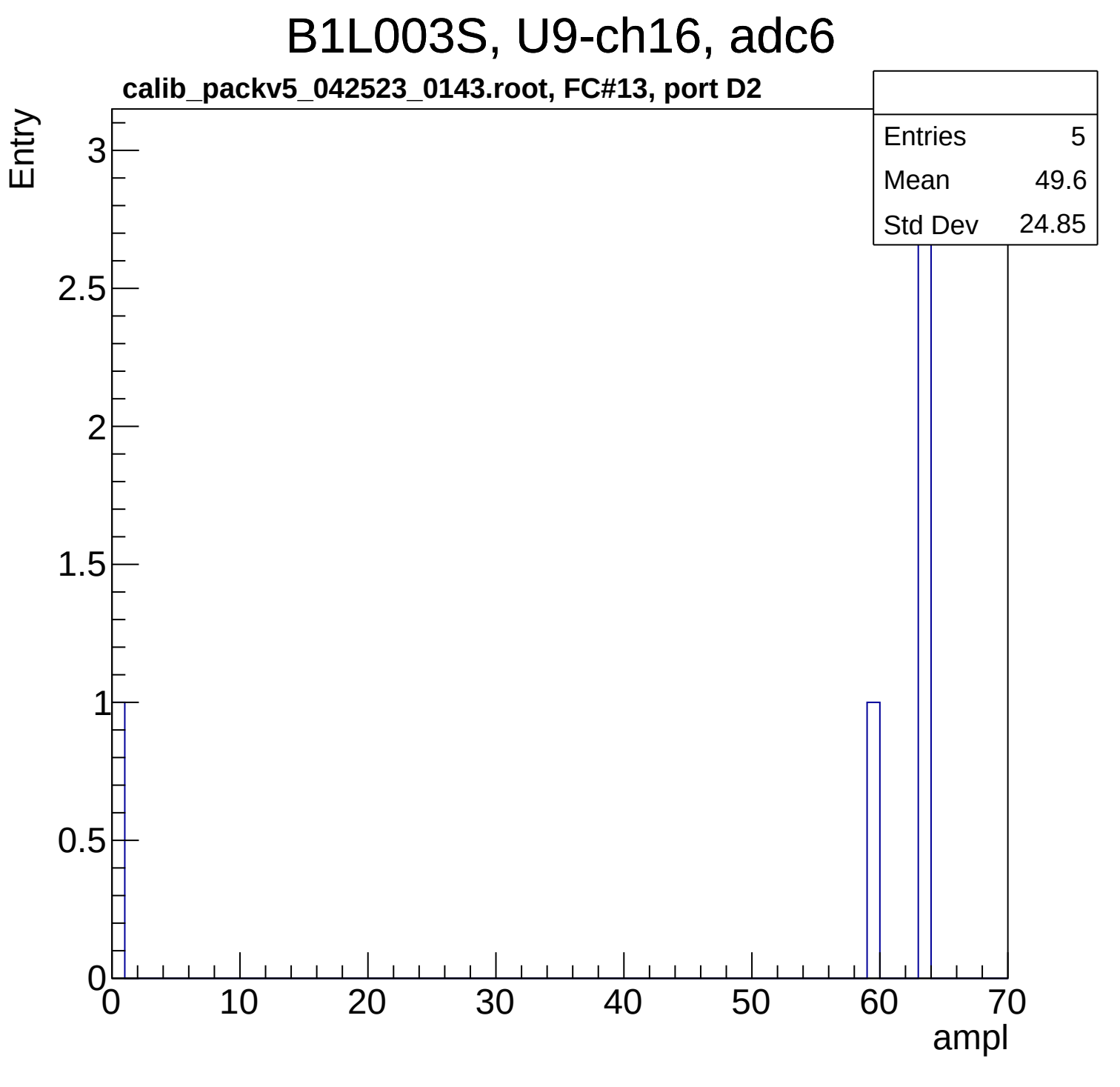
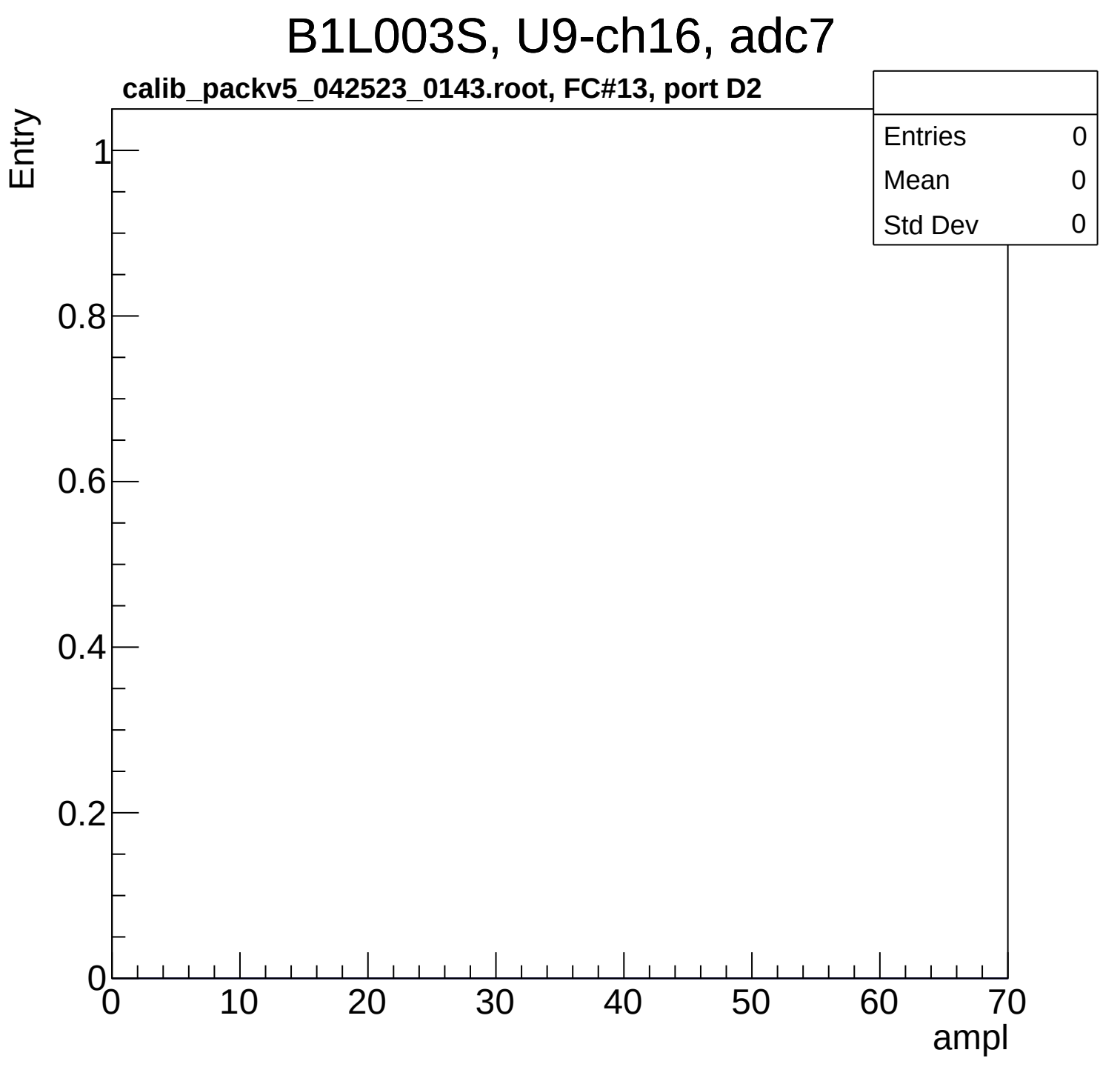
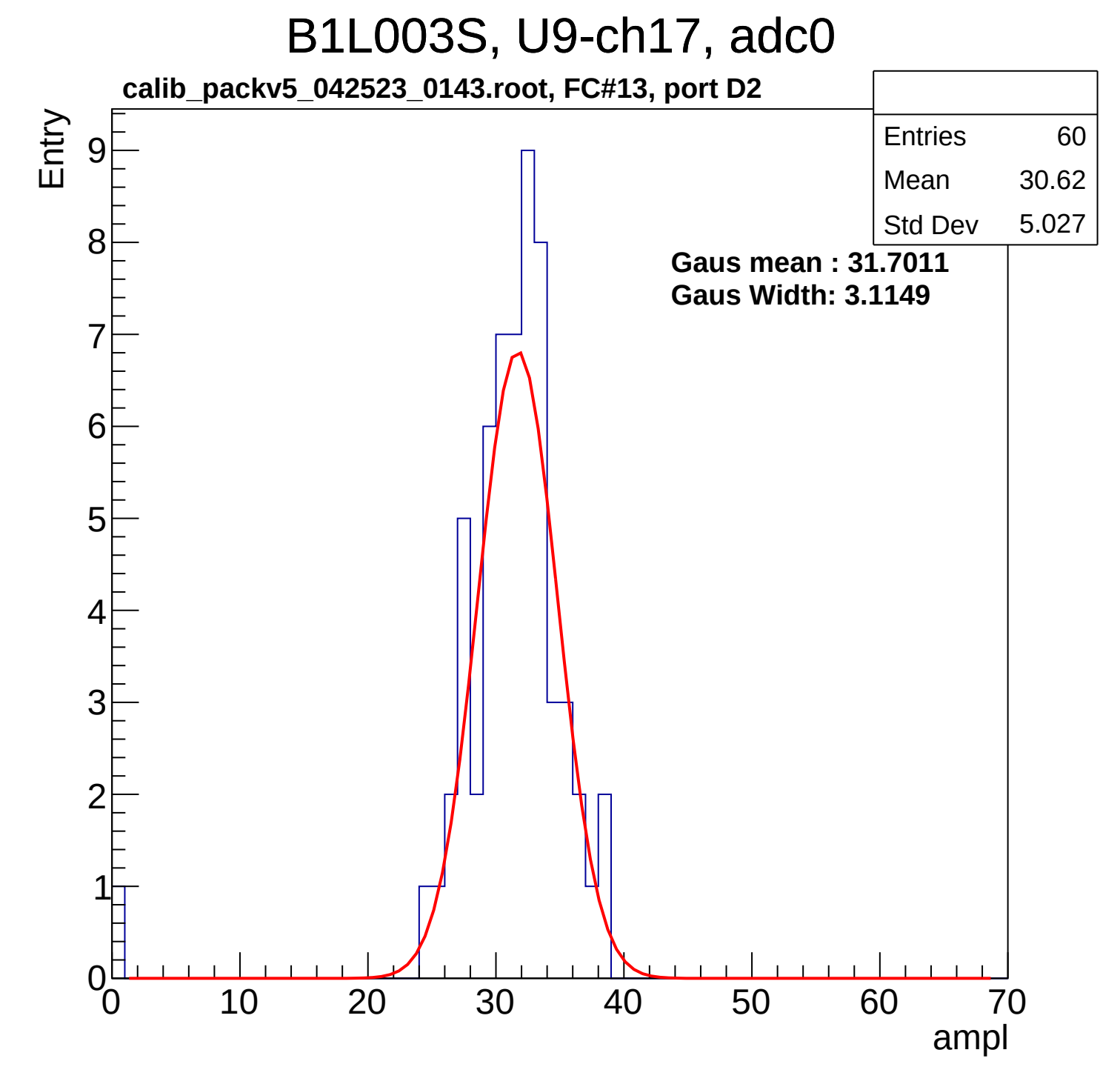
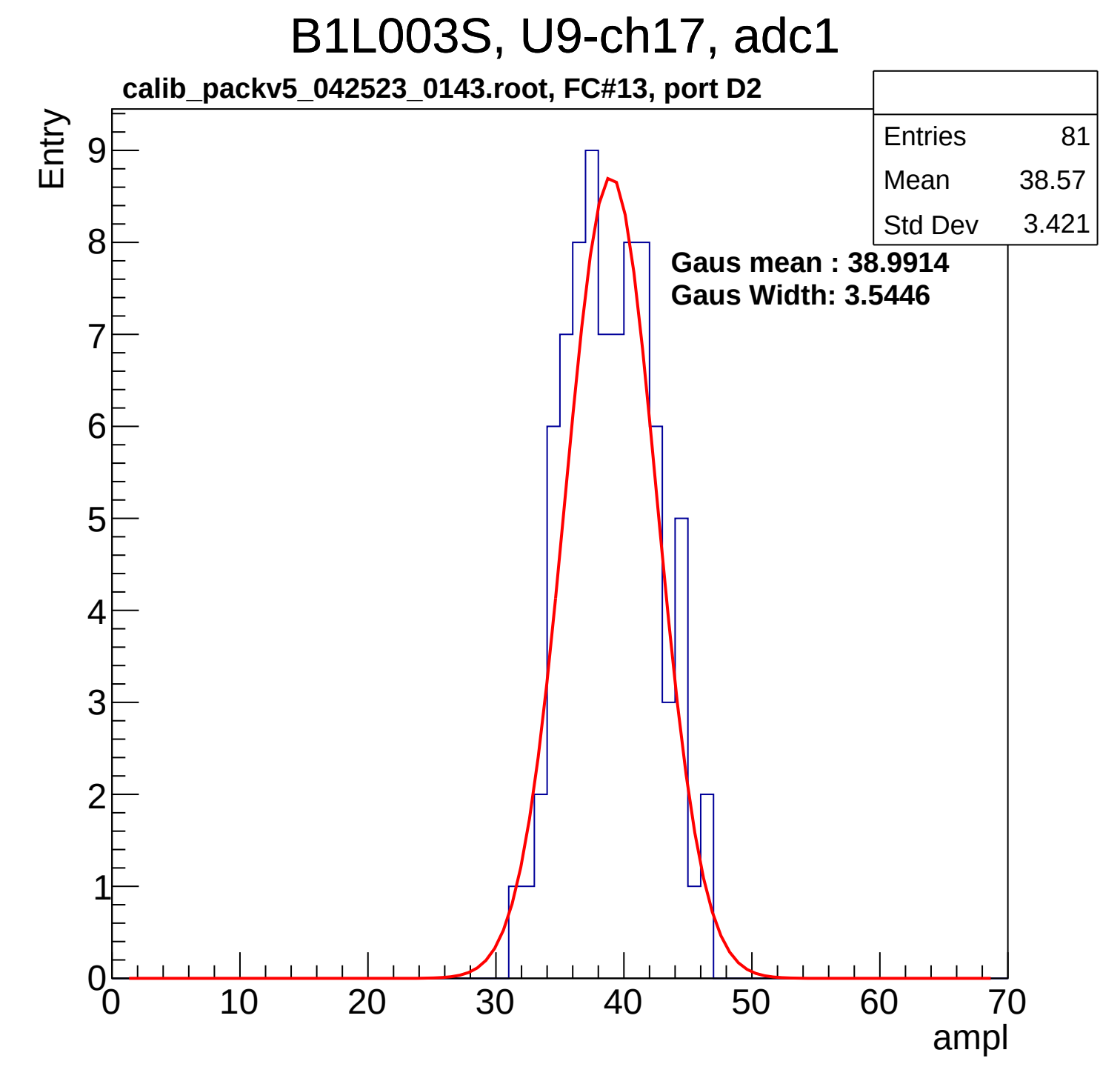
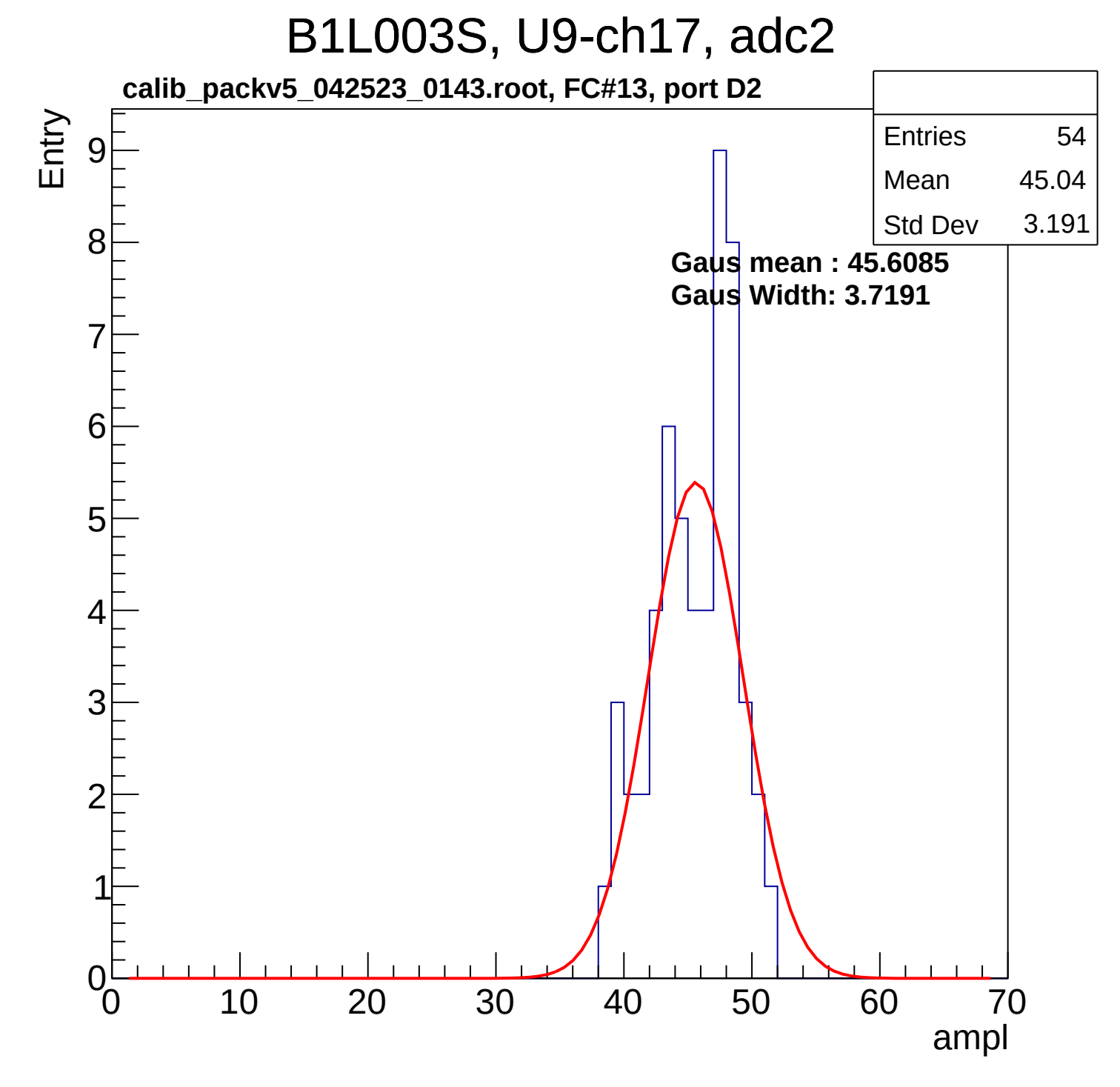
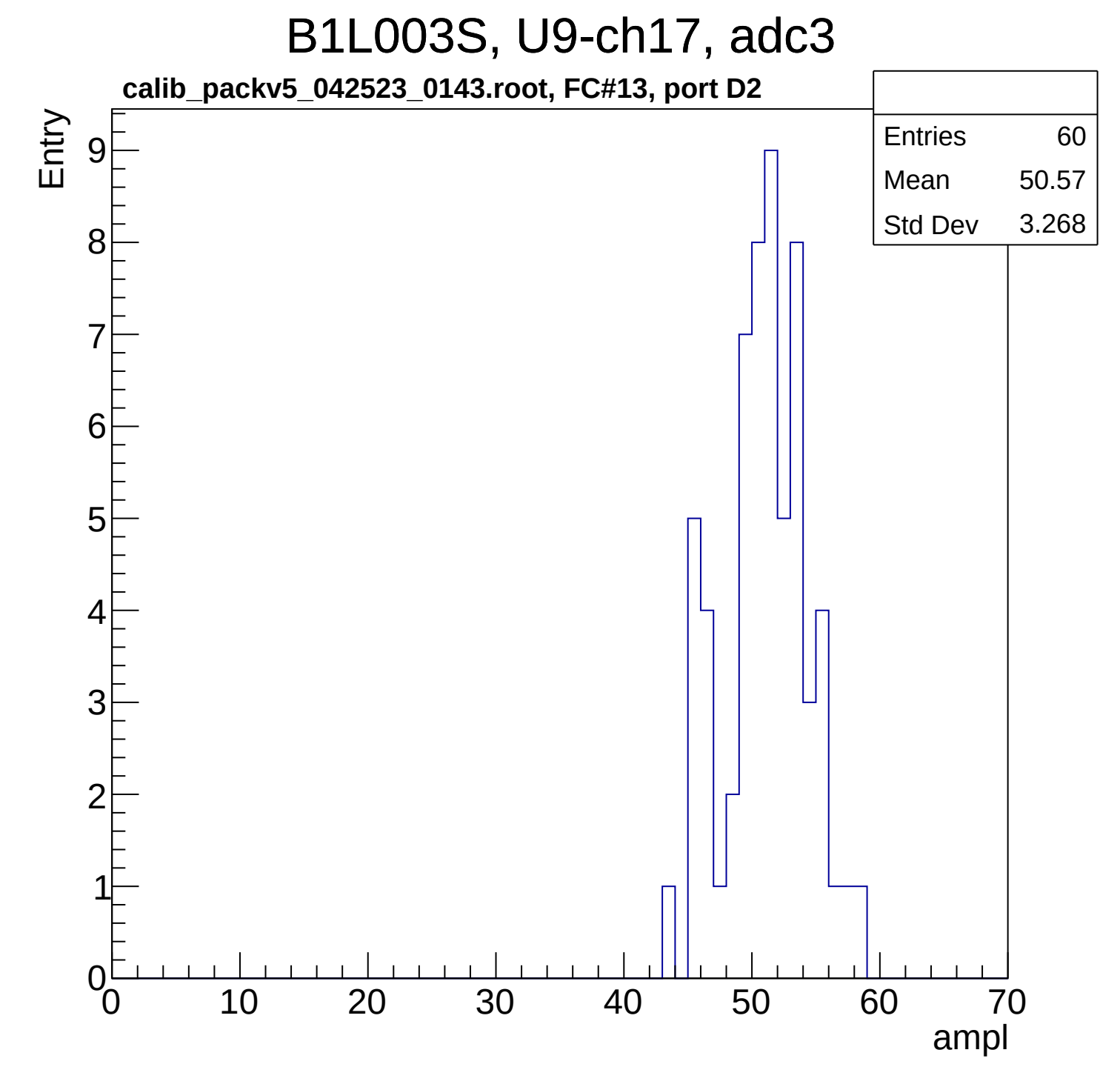

B1L003S, U9-ch16, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 49.6
Std Dev 24.85
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch16, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch17, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 30.62
Std Dev 5.027
Gaus mean : 31.7011
Gaus Width: 3.1149
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch17, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 38.57
Std Dev 3.421
Gaus mean : 38.9914
Gaus Width: 3.5446
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch17, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 45.04
Std Dev 3.191
Gaus mean : 45.6085
Gaus Width: 3.7191
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch17, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 50.57
Std Dev 3.268
Entry
ampl
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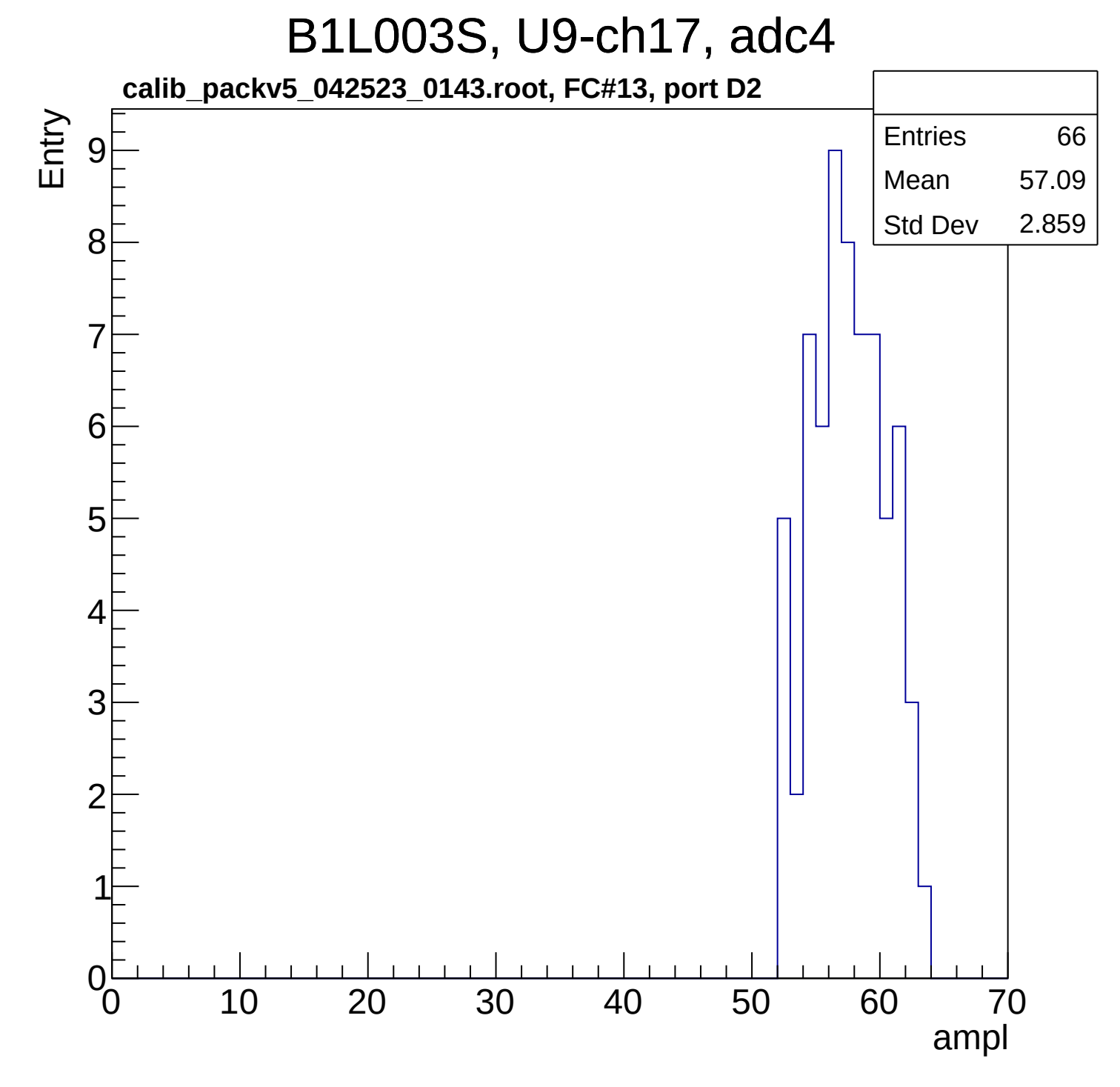
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch17, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 57.09
Std Dev 2.859
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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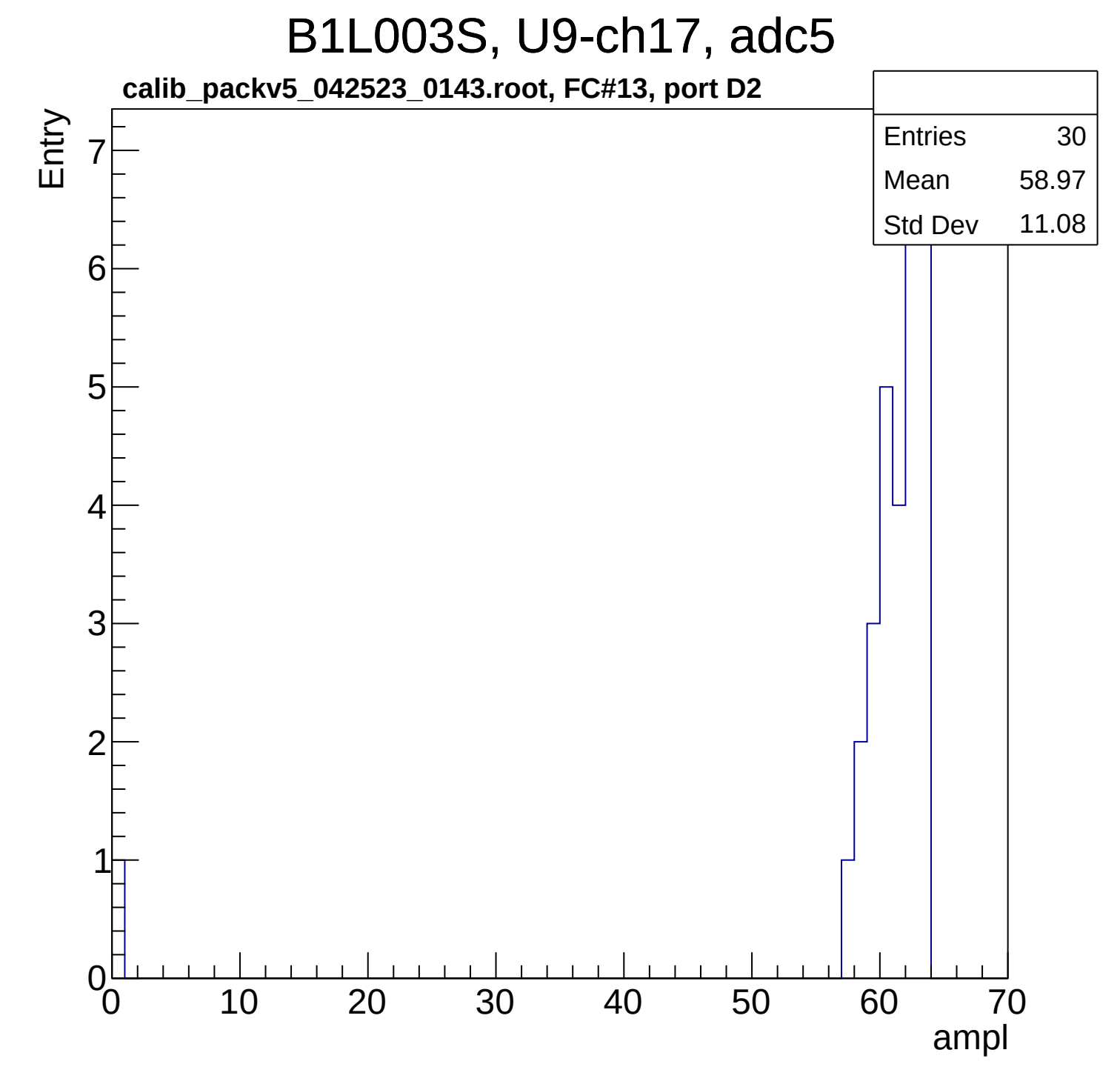
B1L003S, U9-ch17, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 30
Mean 58.97
Std Dev 11.08
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
30
40
50
60
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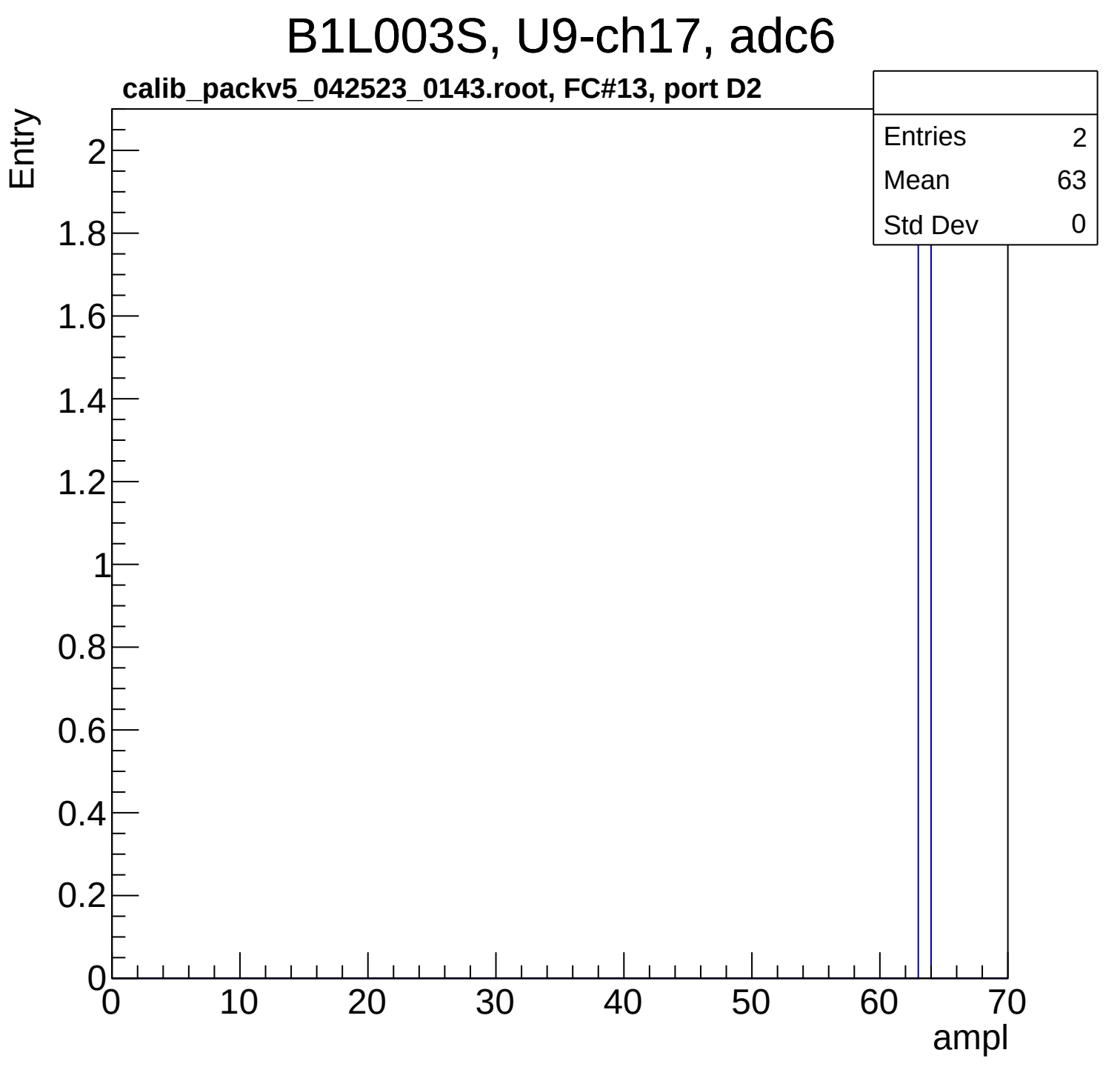
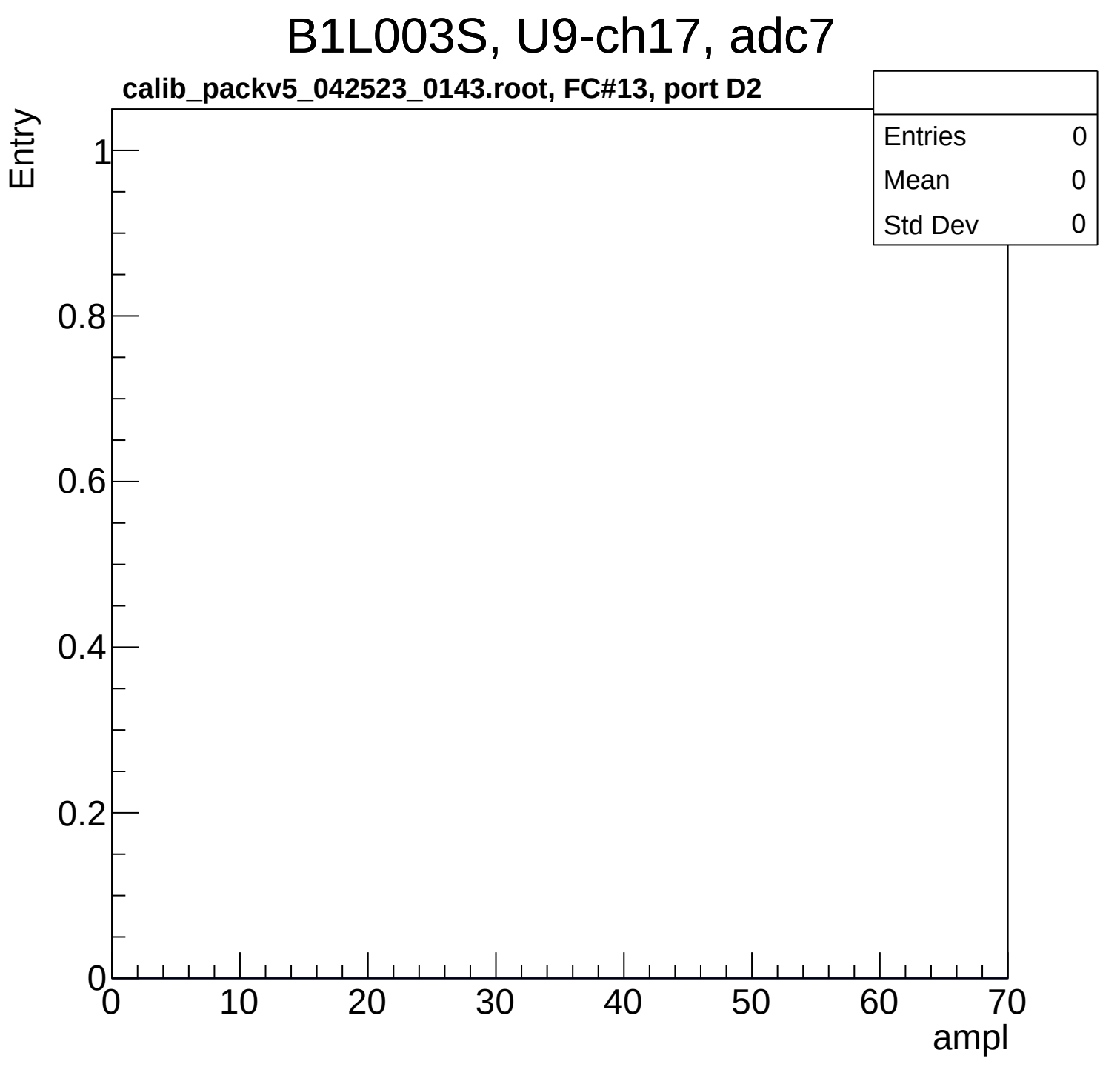
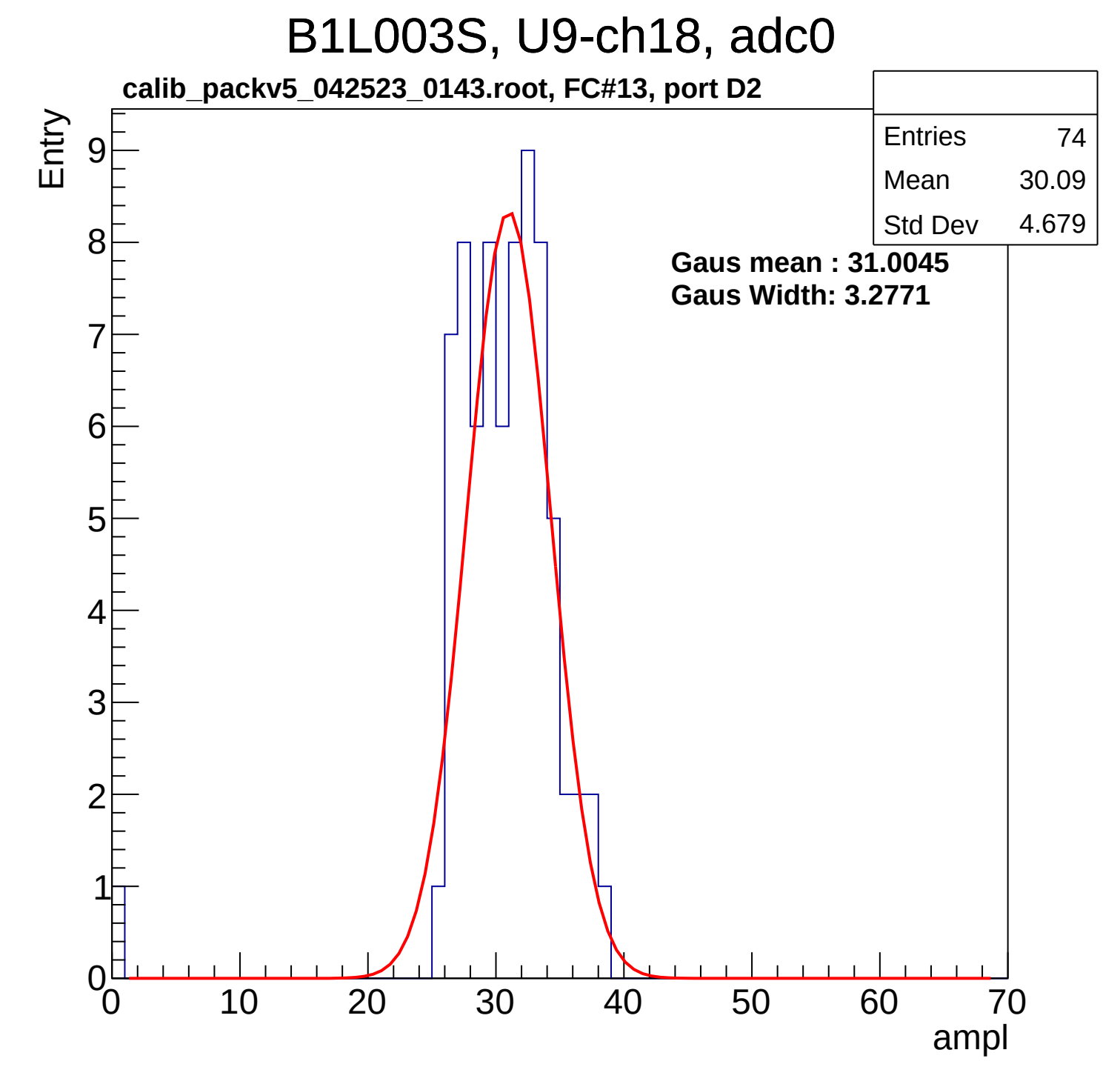
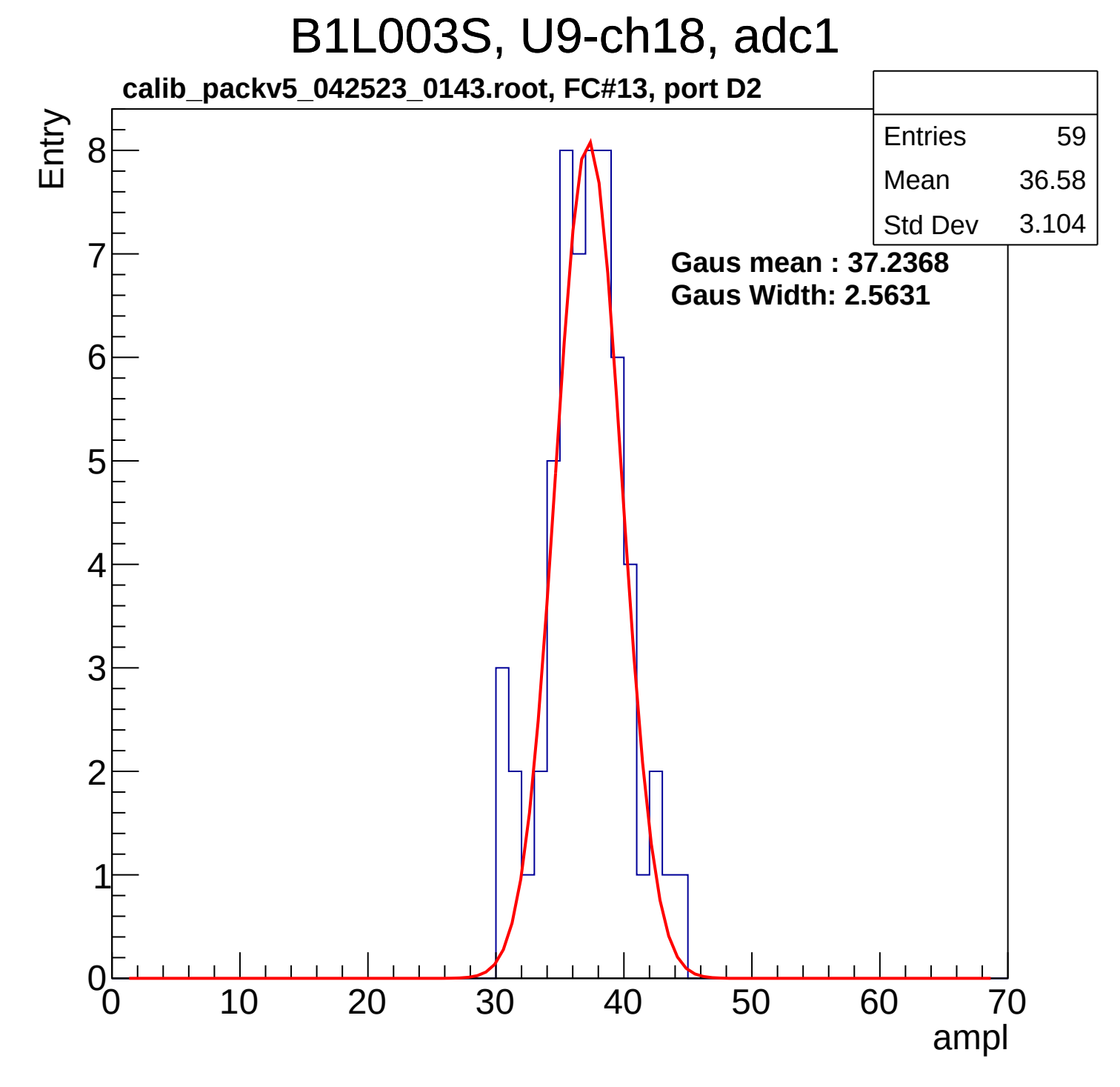
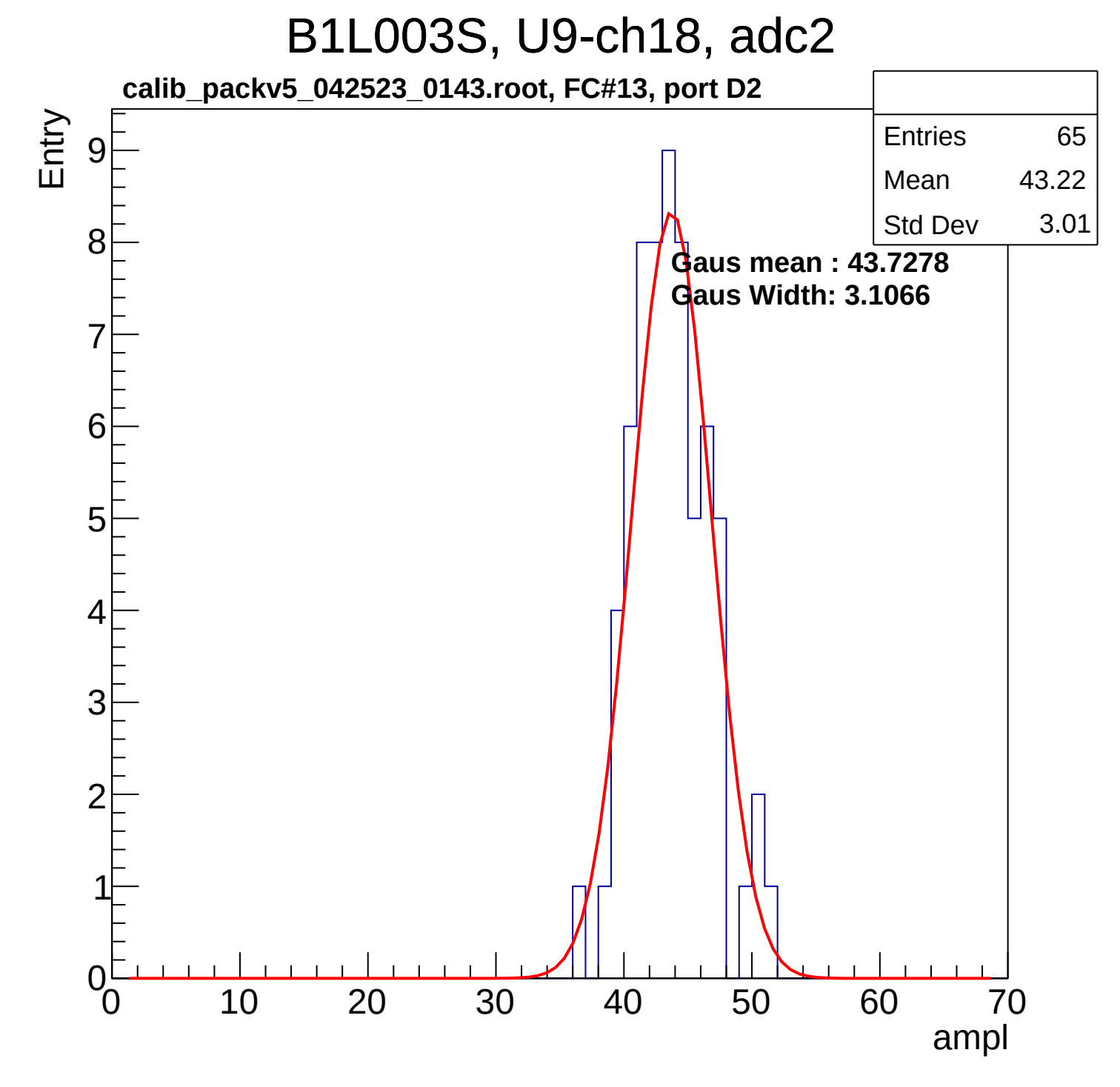
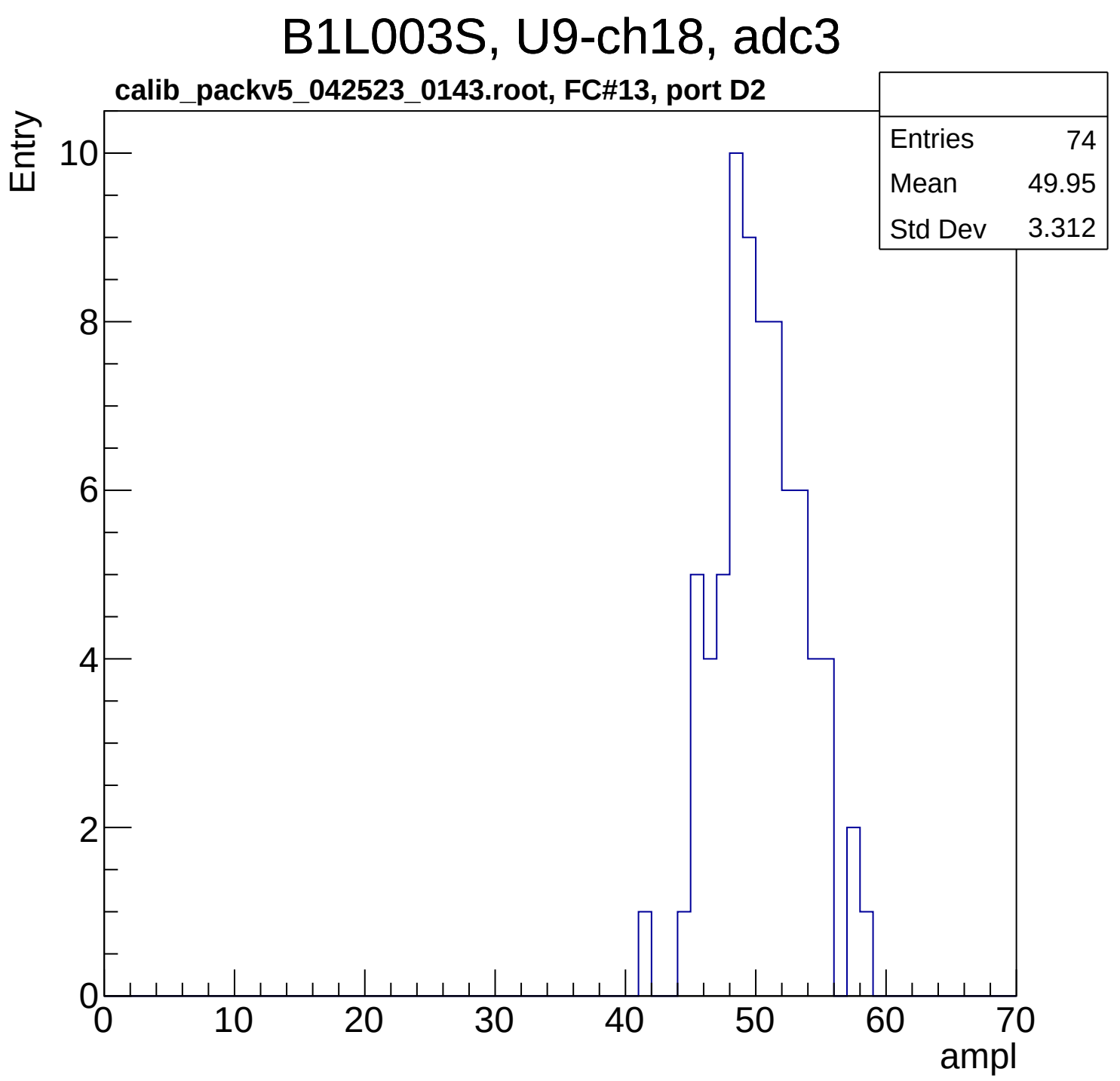

B1L003S, U9-ch17, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

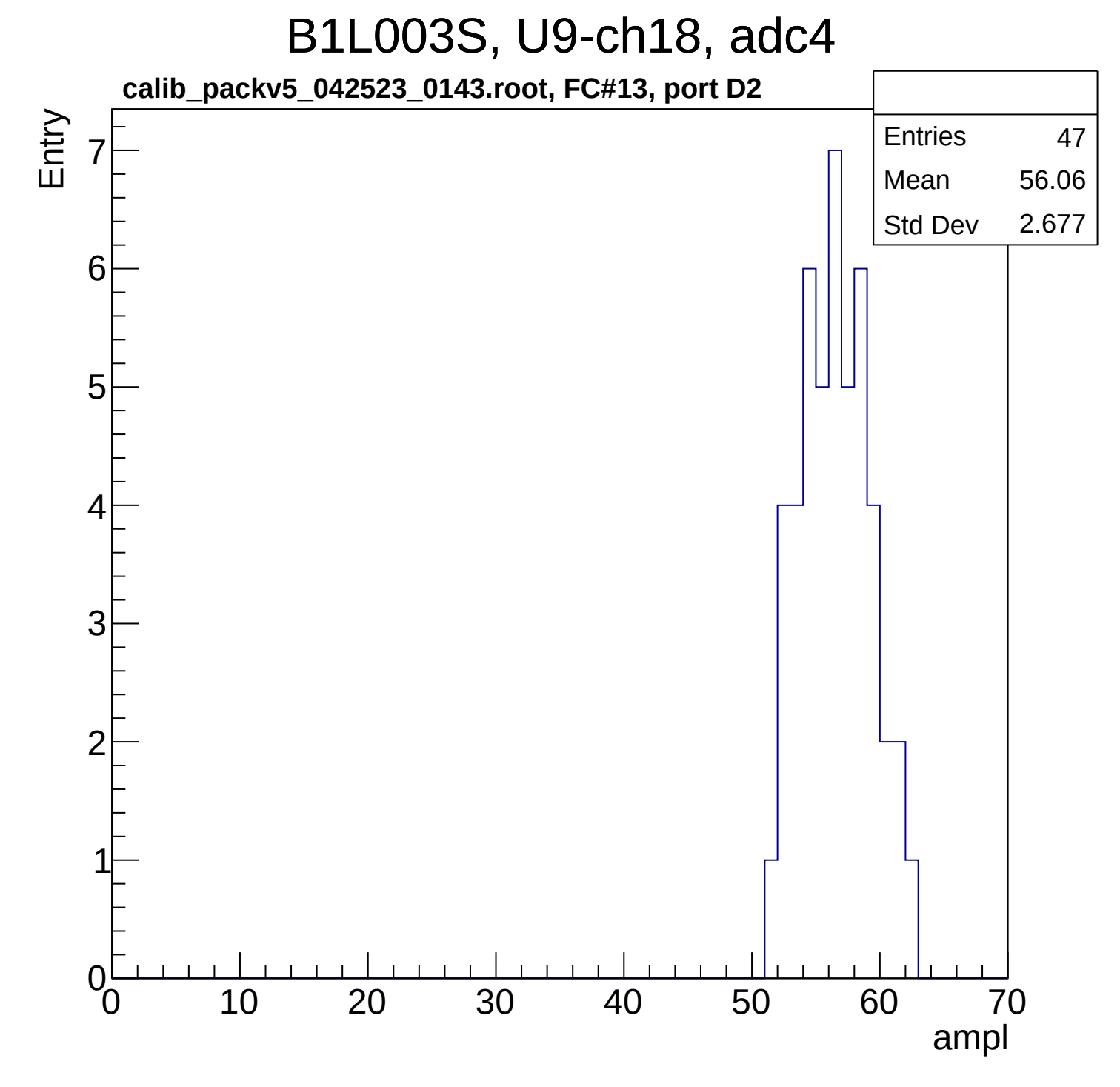

B1L003S, U9-ch17, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch18, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 30.09
Std Dev 4.679
Gaus mean : 31.0045
Gaus Width: 3.2771
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch18, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 36.58
Std Dev 3.104
Gaus mean : 37.2368
Gaus Width: 2.5631
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch18, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 43.22
Std Dev 3.01
Gaus mean : 43.7278
Gaus Width: 3.1066
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch18, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 49.95
Std Dev 3.312
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch18, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 56.06
Std Dev 2.677
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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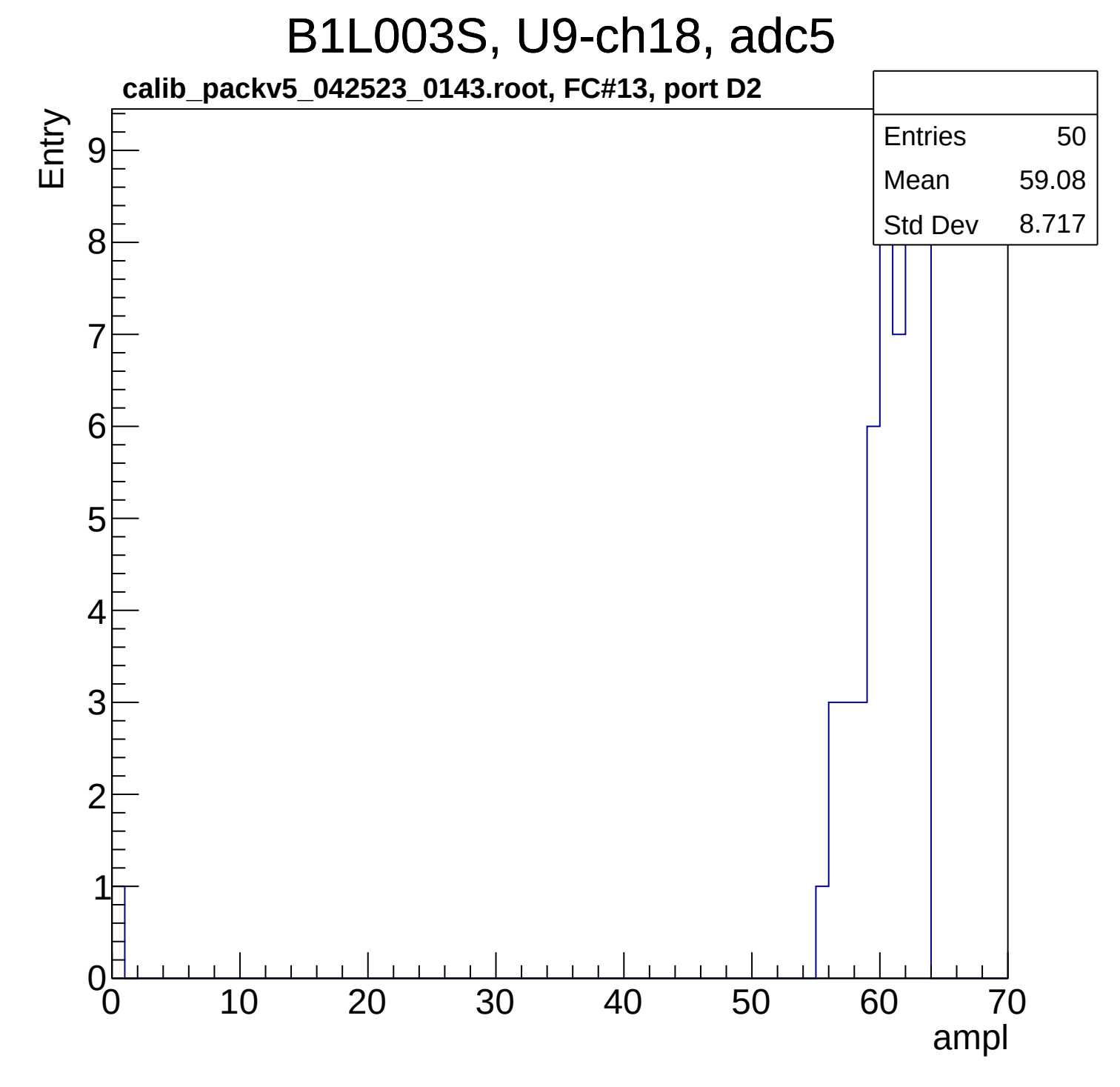
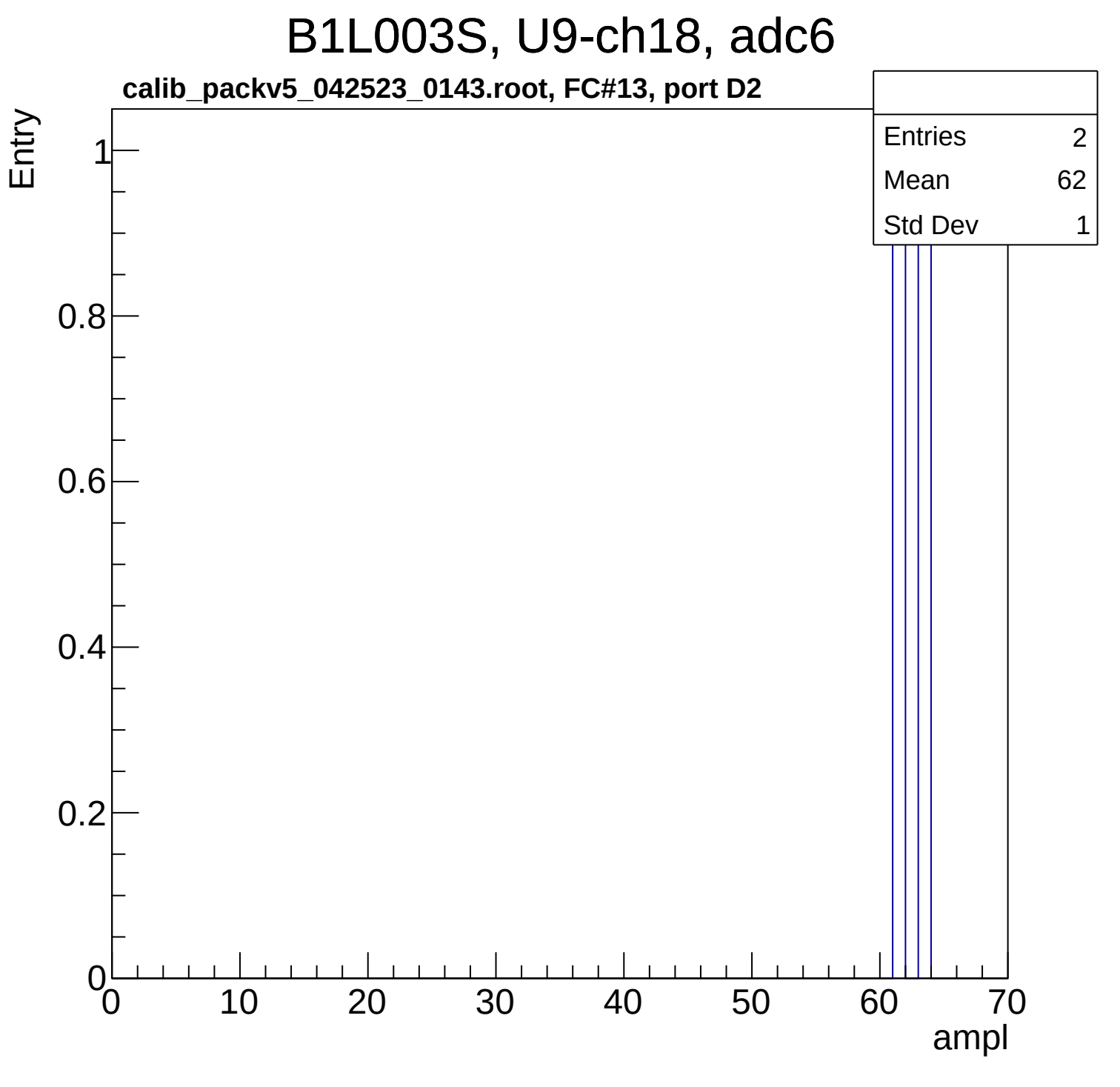
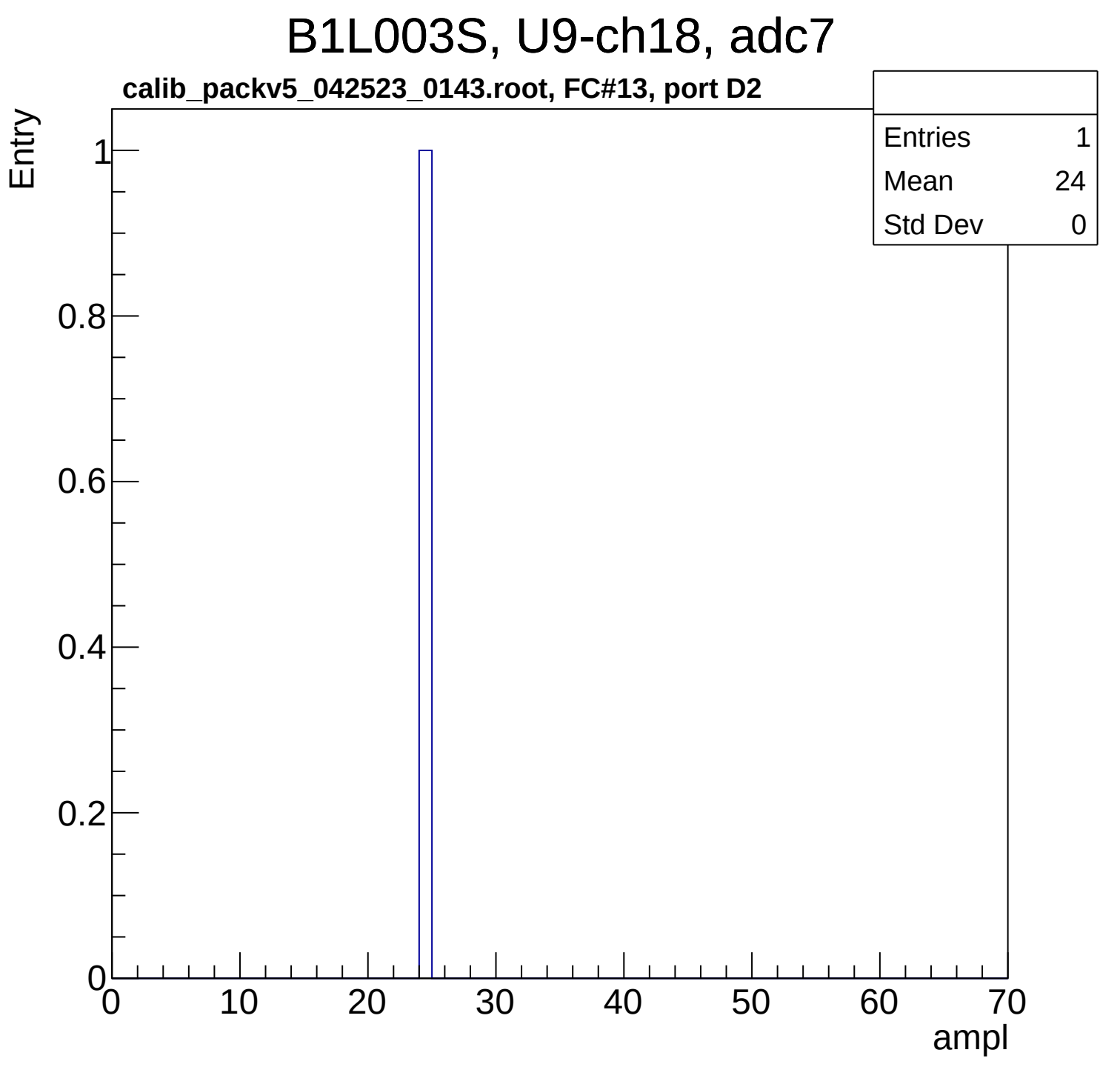

B1L003S, U9-ch18, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 59.08
Std Dev 8.717
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch18, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch18, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 24
Std Dev 0
Entry
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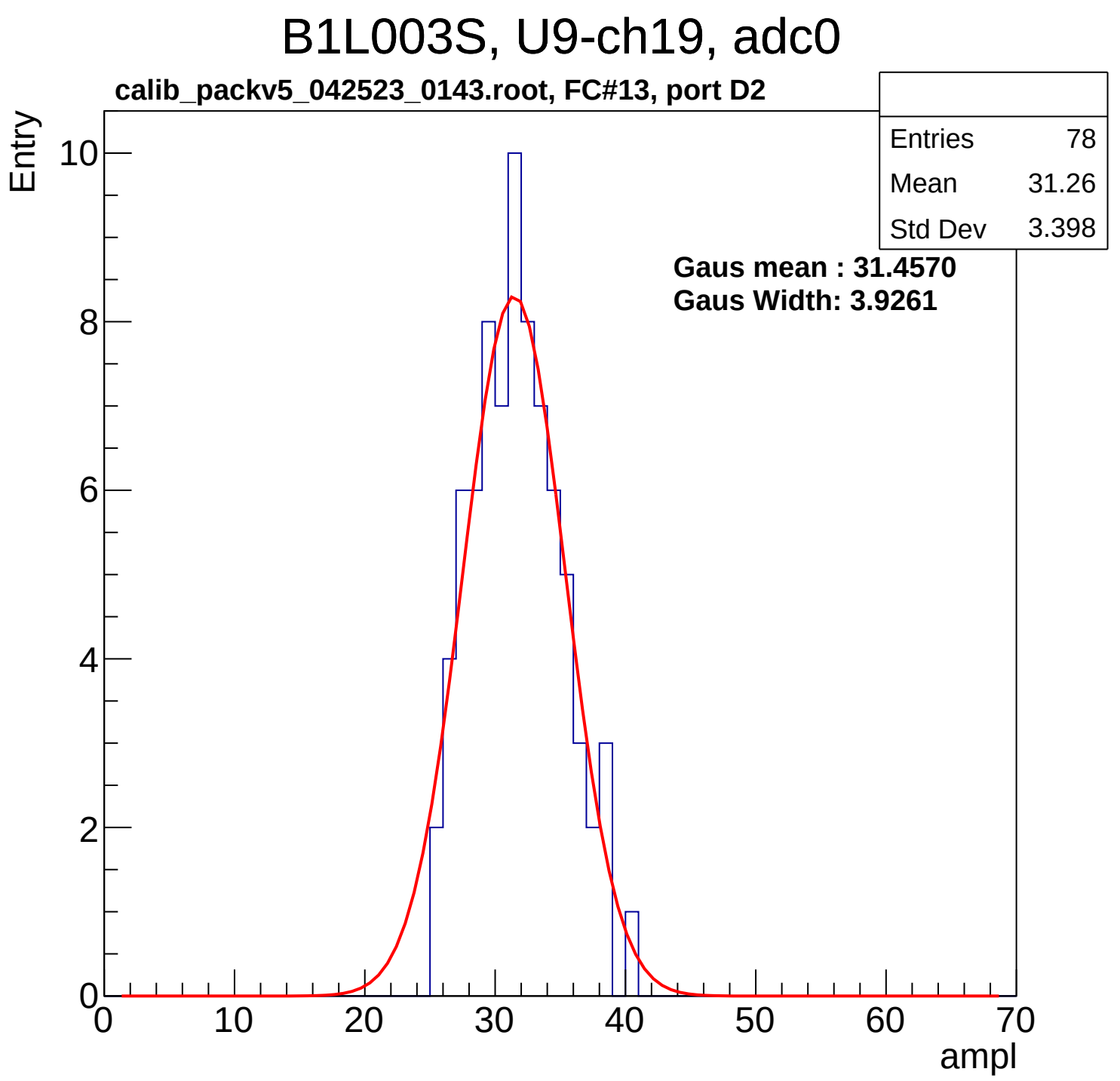
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch19, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 31.26
Std Dev 3.398
Gaus mean : 31.4570
Gaus Width: 3.9261
Entry
ampl
0
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6
8
10
0
10
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60
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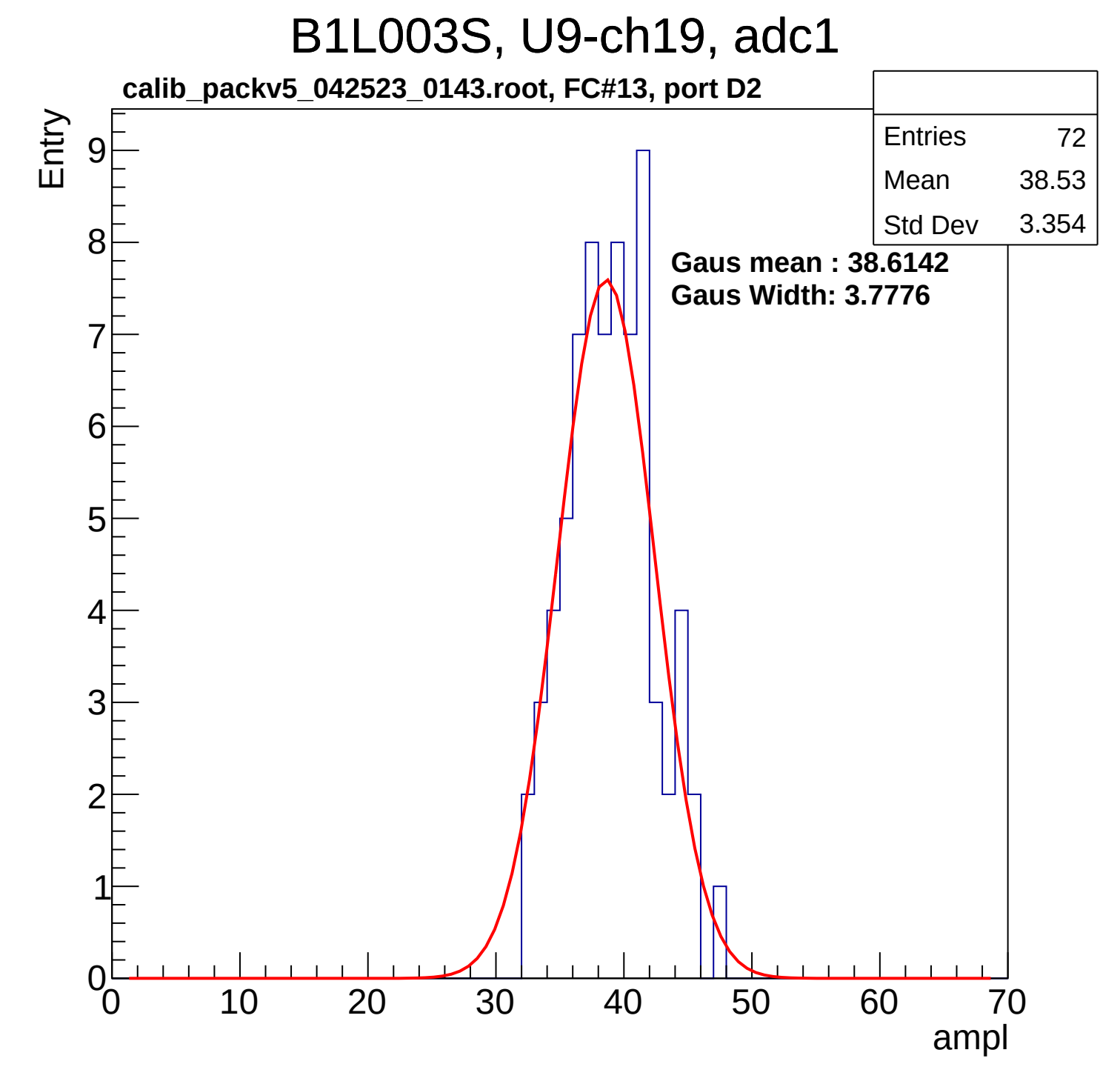
B1L003S, U9-ch19, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 38.53
Std Dev 3.354
Gaus mean : 38.6142
Gaus Width: 3.7776
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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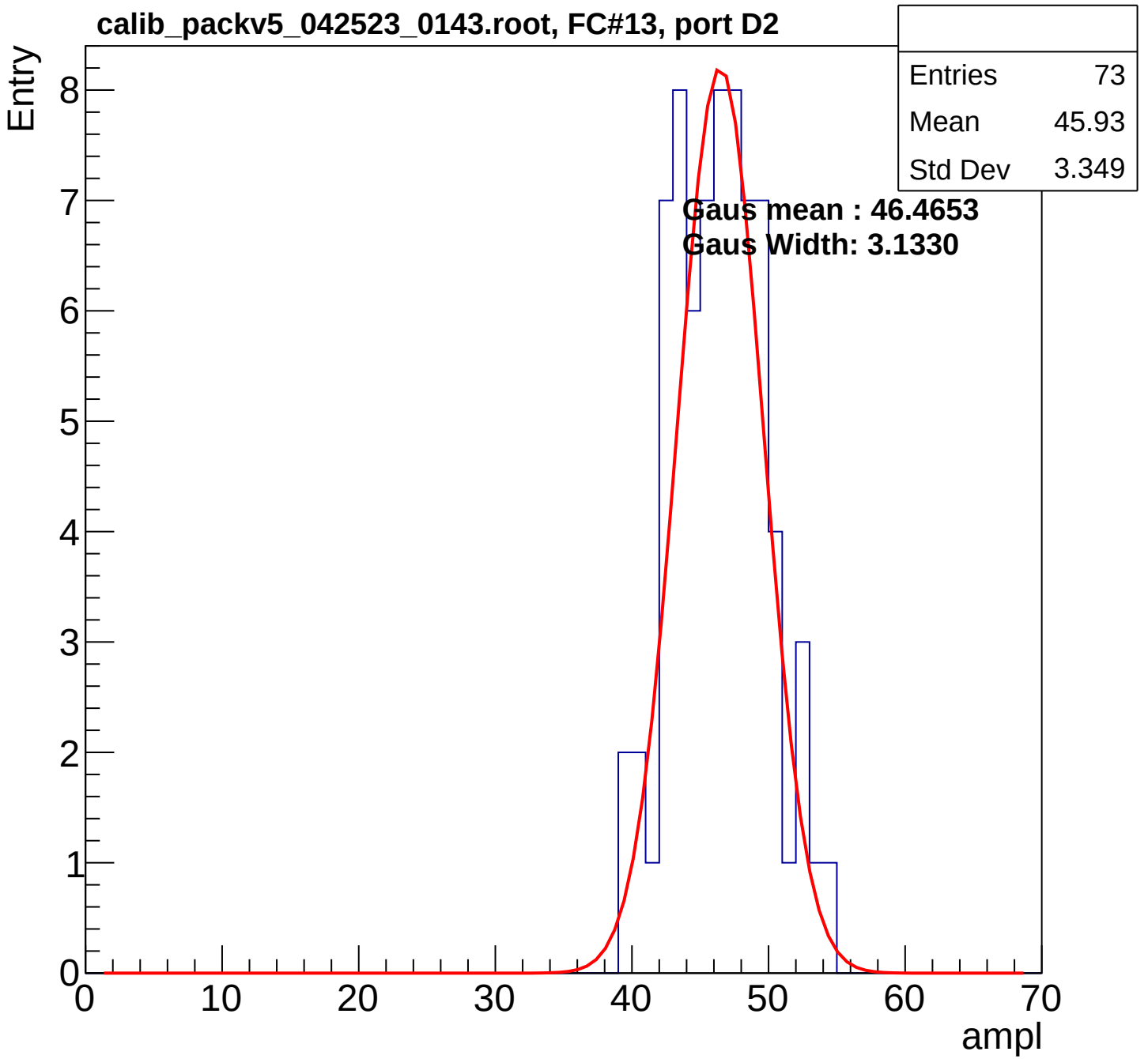
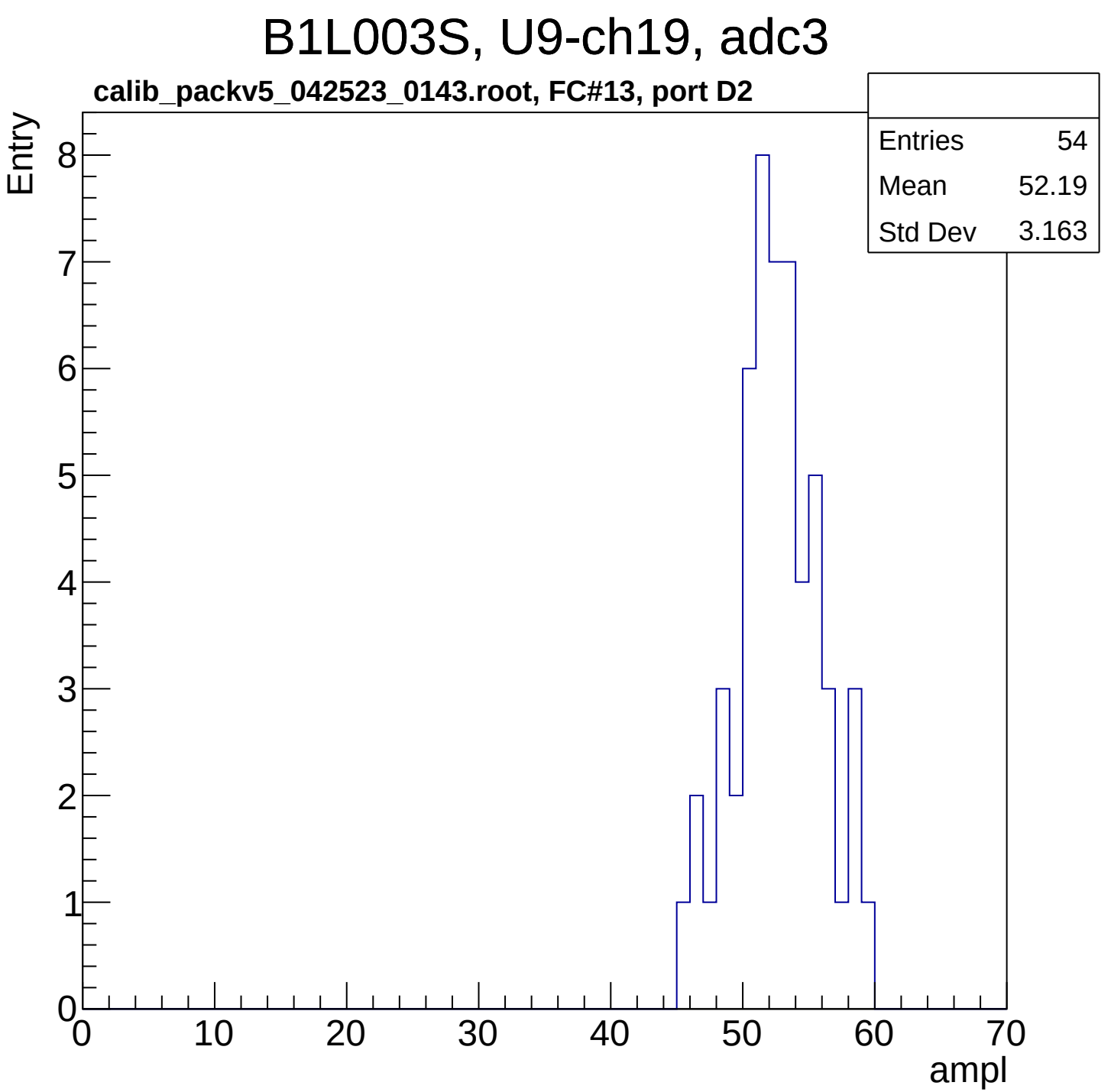

B1L003S, U9-ch19, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 45.93
Std Dev 3.349
Gaus mean : 46.4653
Gaus Width: 3.1330
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch19, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 52.19
Std Dev 3.163
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
50
60
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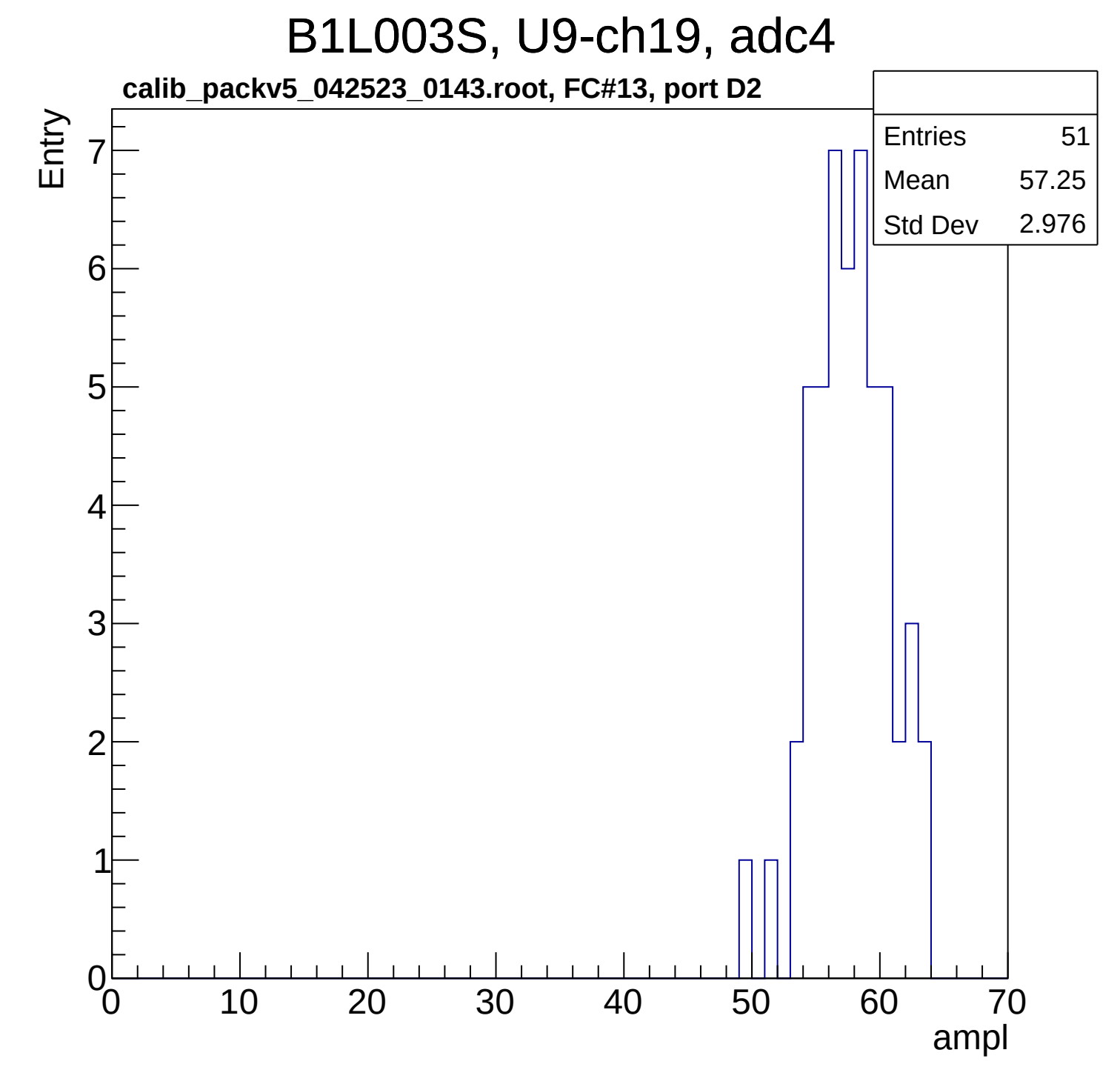
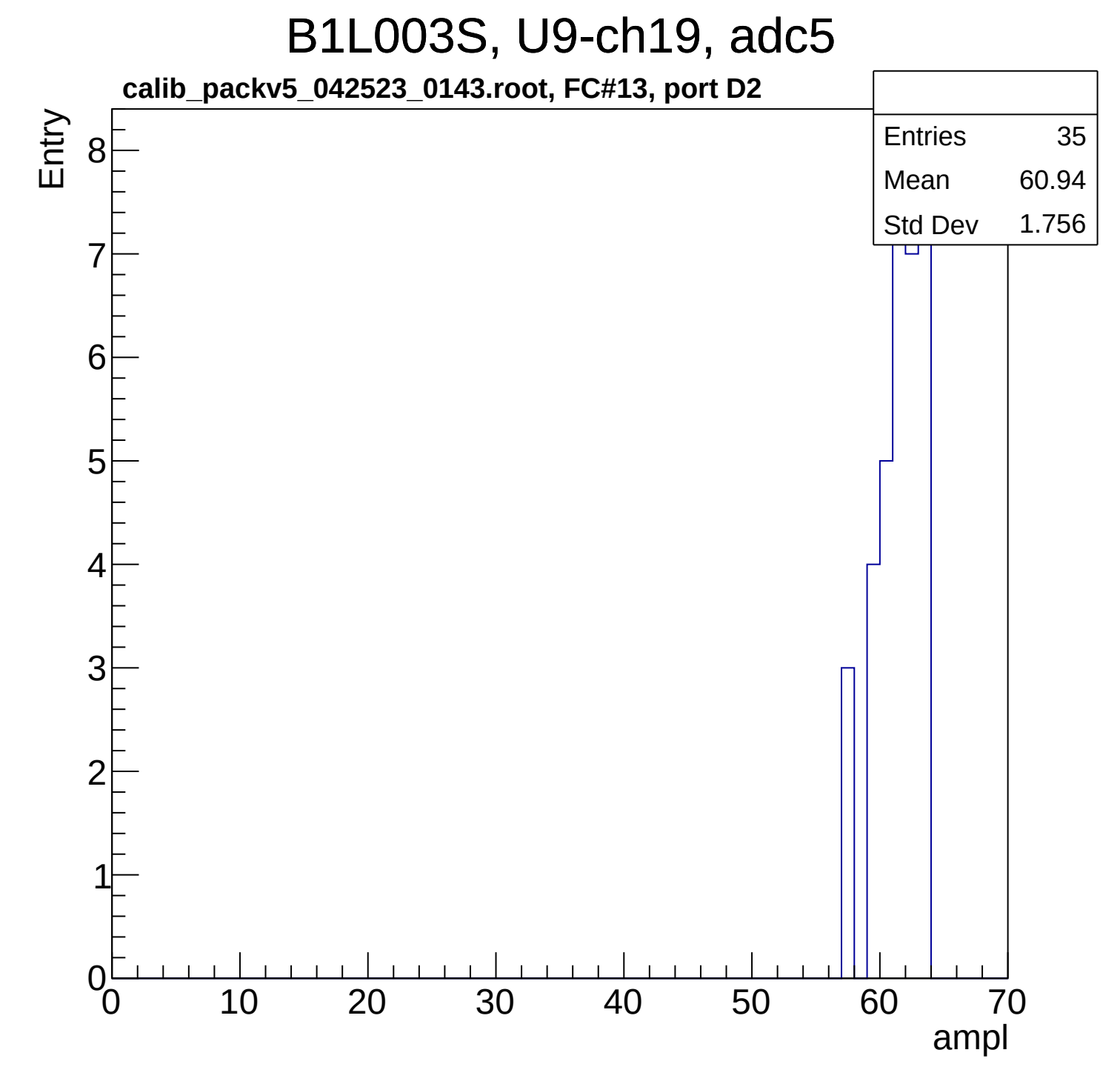

B1L003S, U9-ch19, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 57.25
Std Dev 2.976
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch19, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 60.94
Std Dev 1.756
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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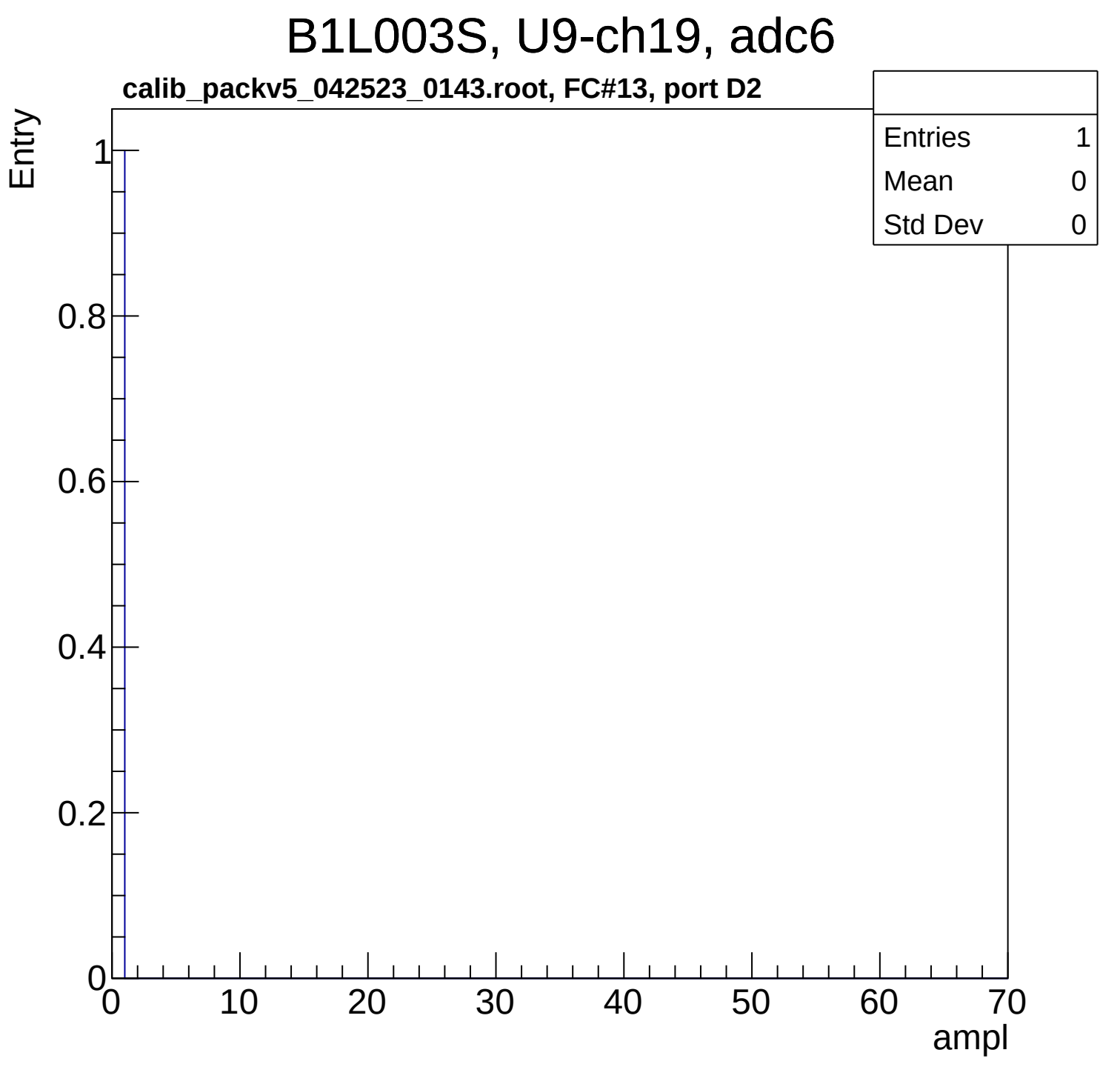
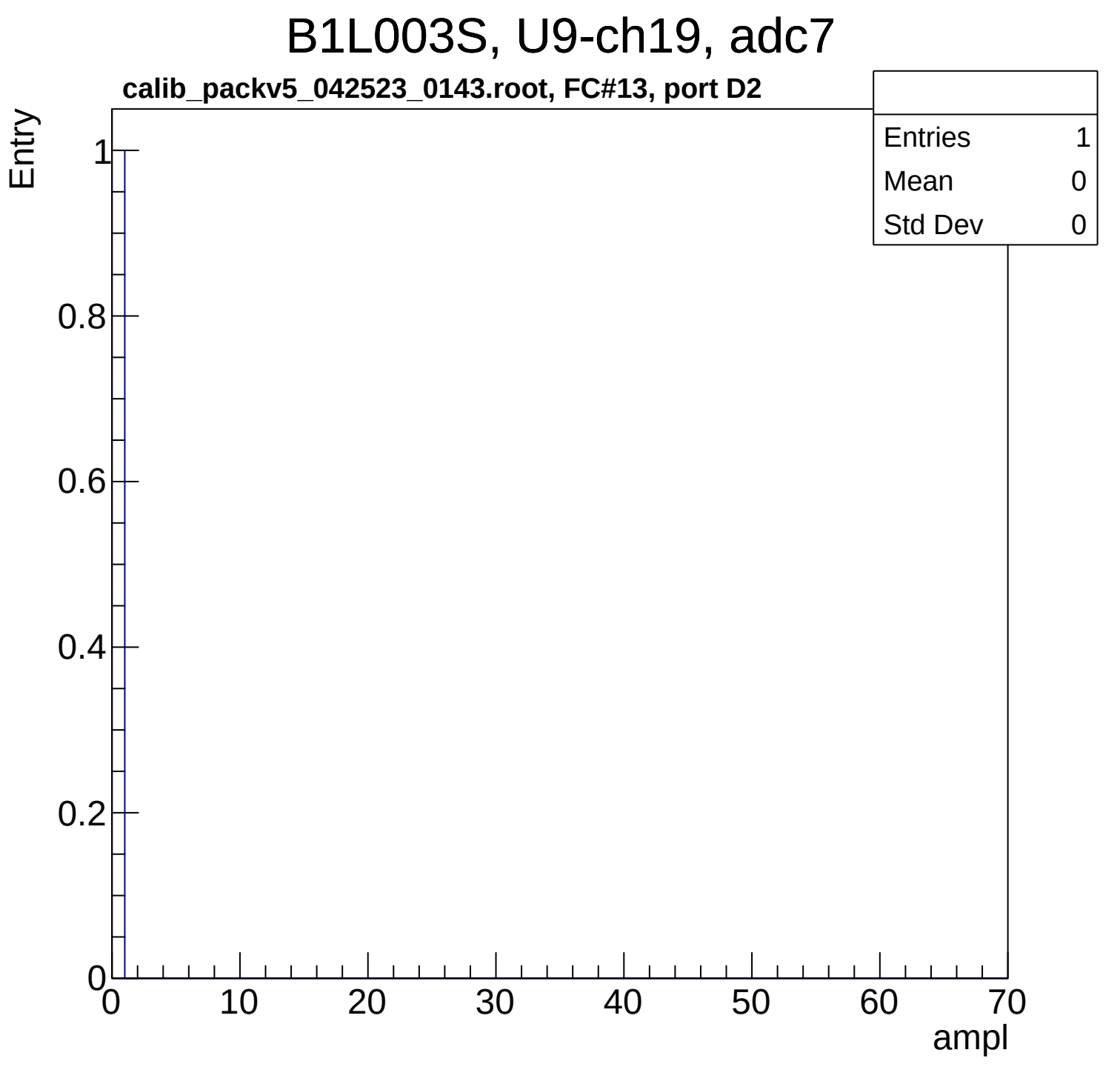
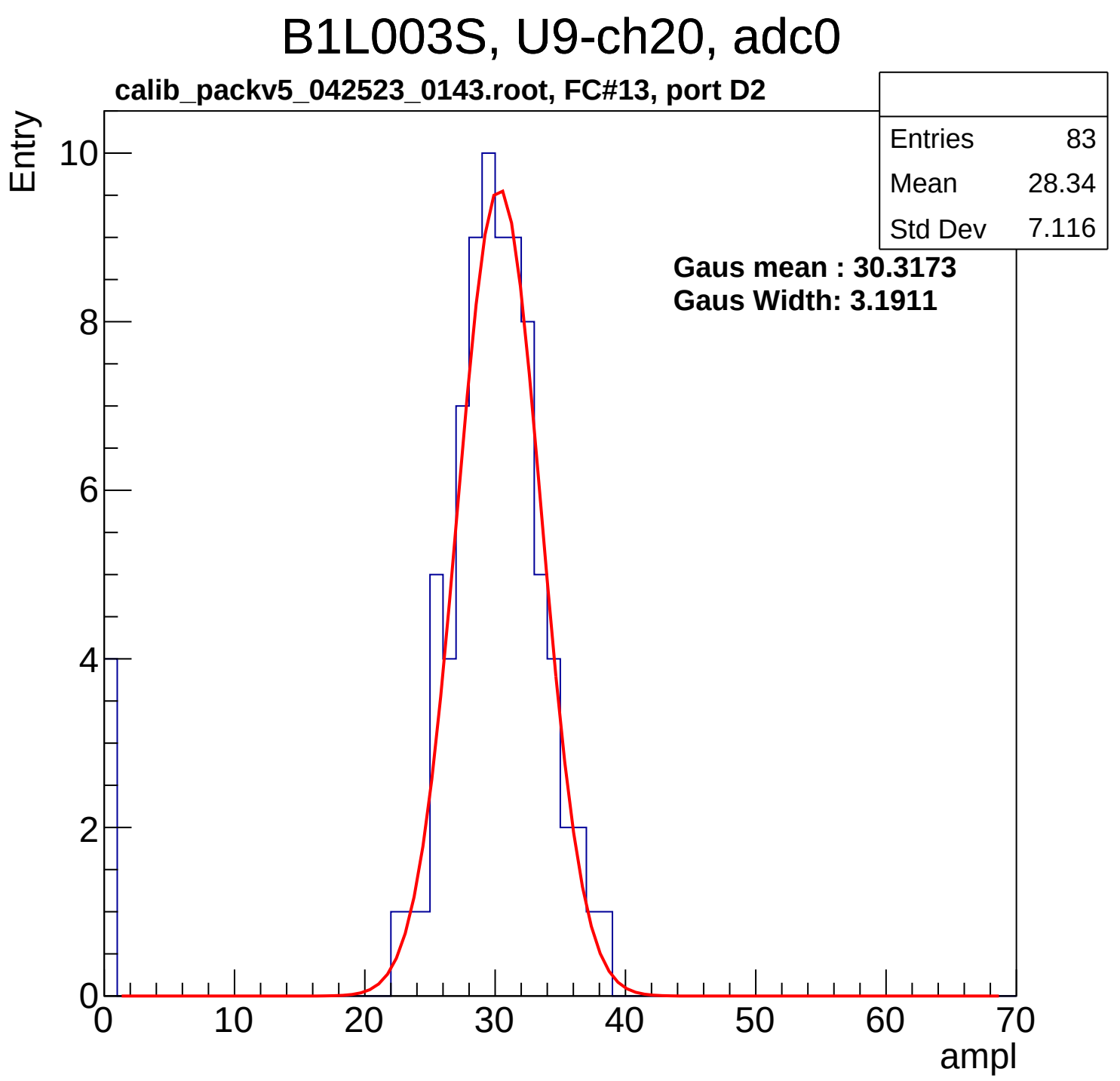
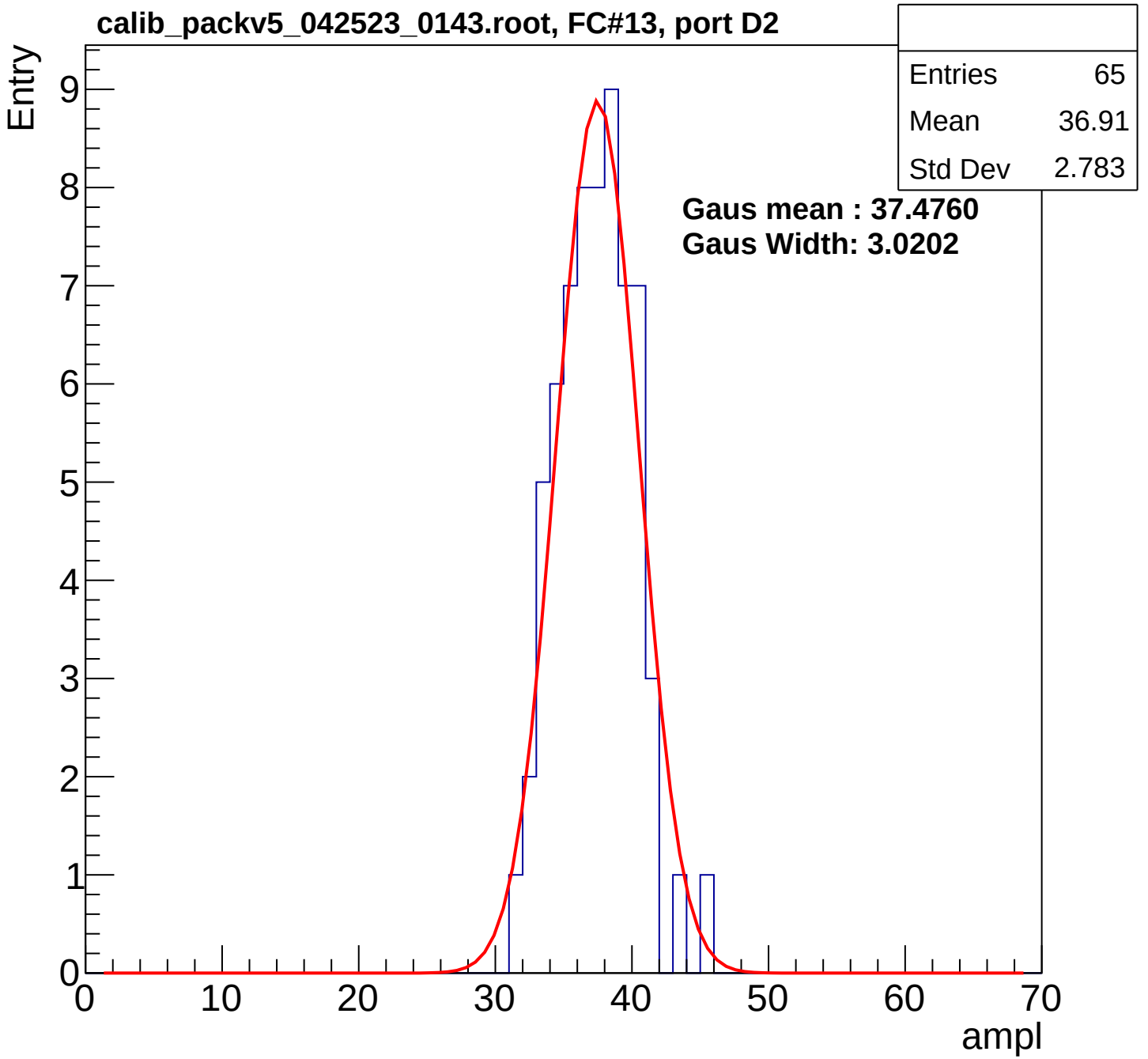
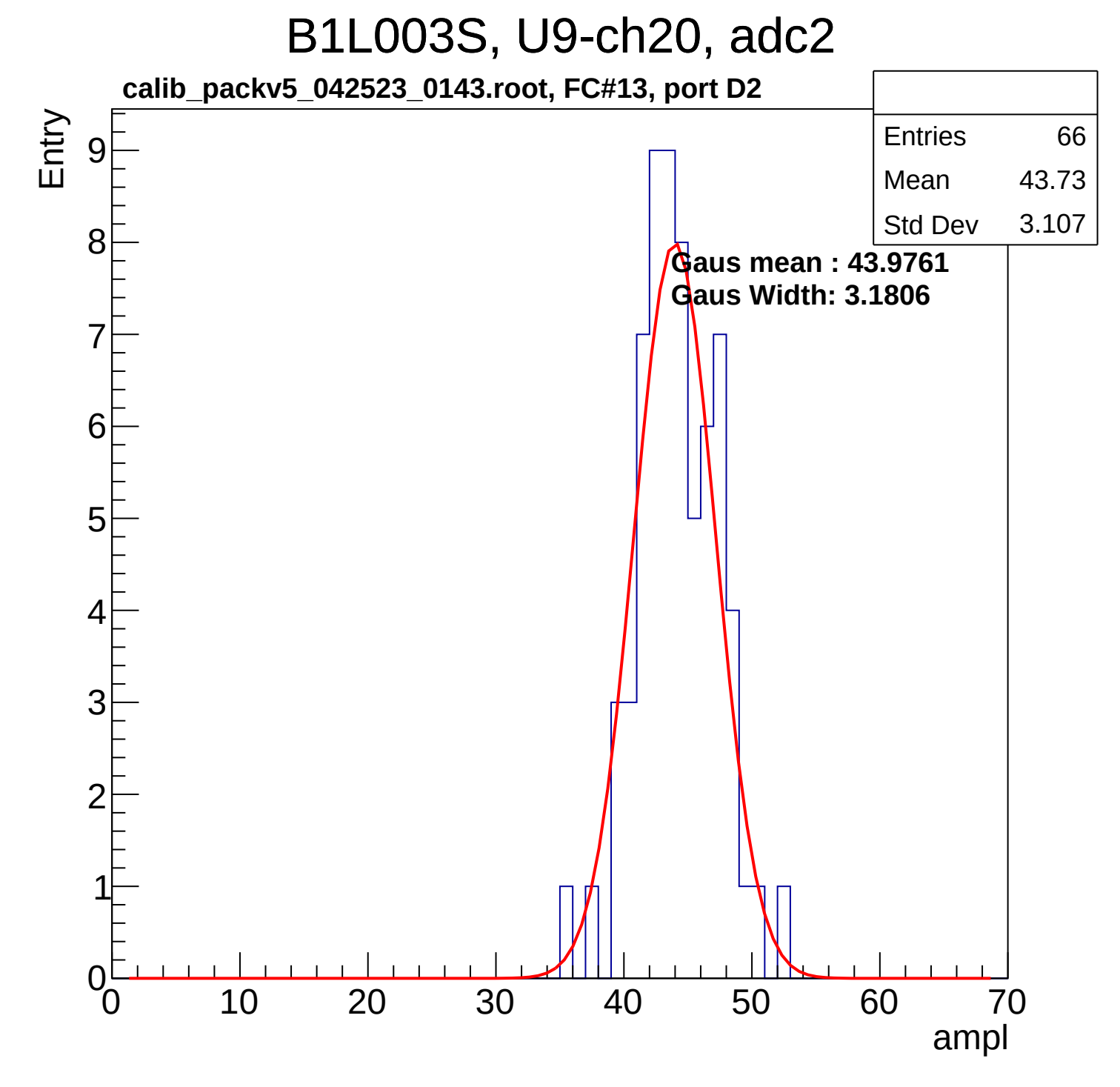

B1L003S, U9-ch19, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch19, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch20, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 28.34
Std Dev 7.116
Gaus mean : 30.3173
Gaus Width: 3.1911
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch20, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 36.91
Std Dev 2.783
Gaus mean : 37.4760
Gaus Width: 3.0202
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch20, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 43.73
Std Dev 3.107
Gaus mean : 43.9761
Gaus Width: 3.1806
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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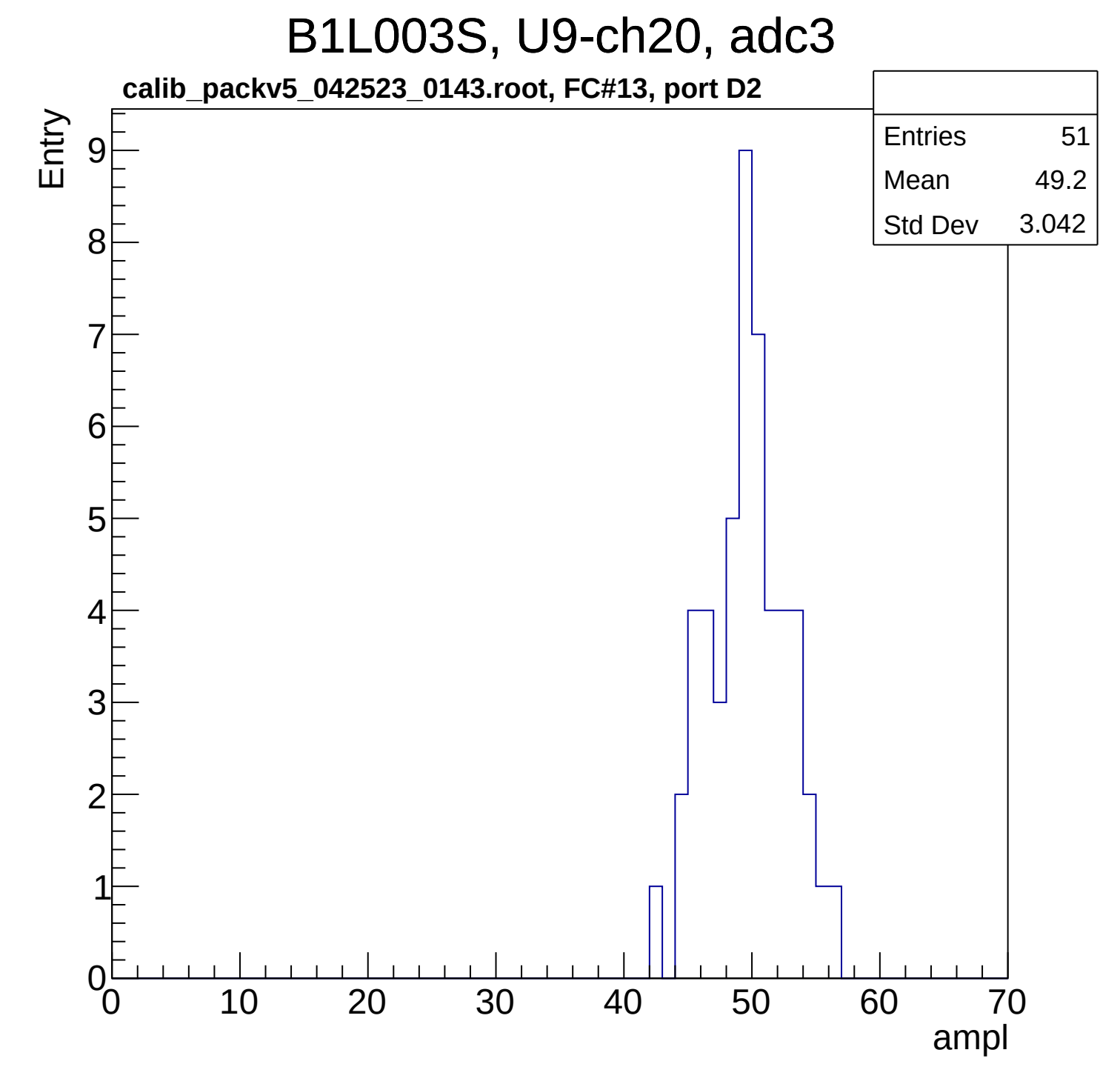
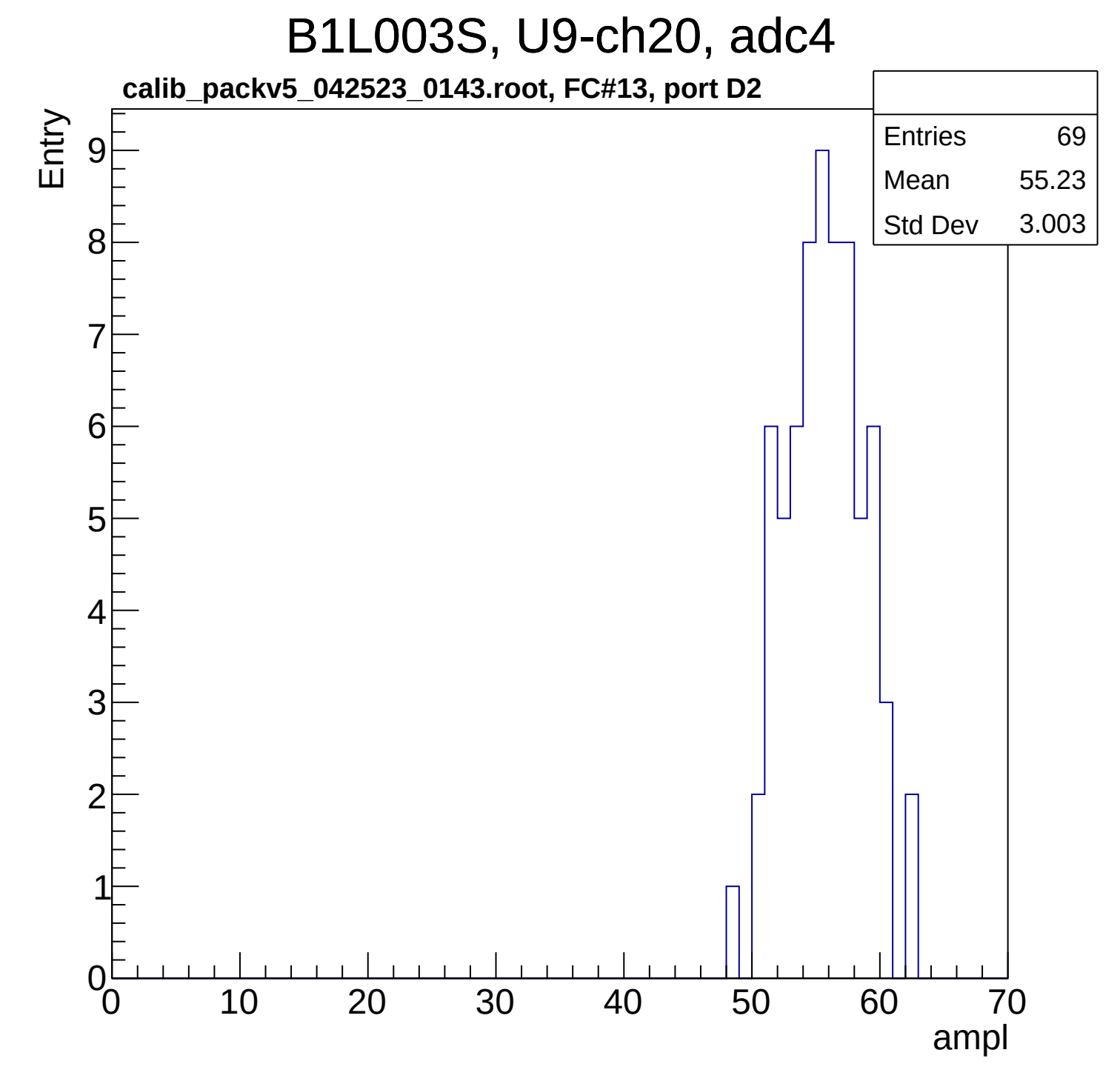
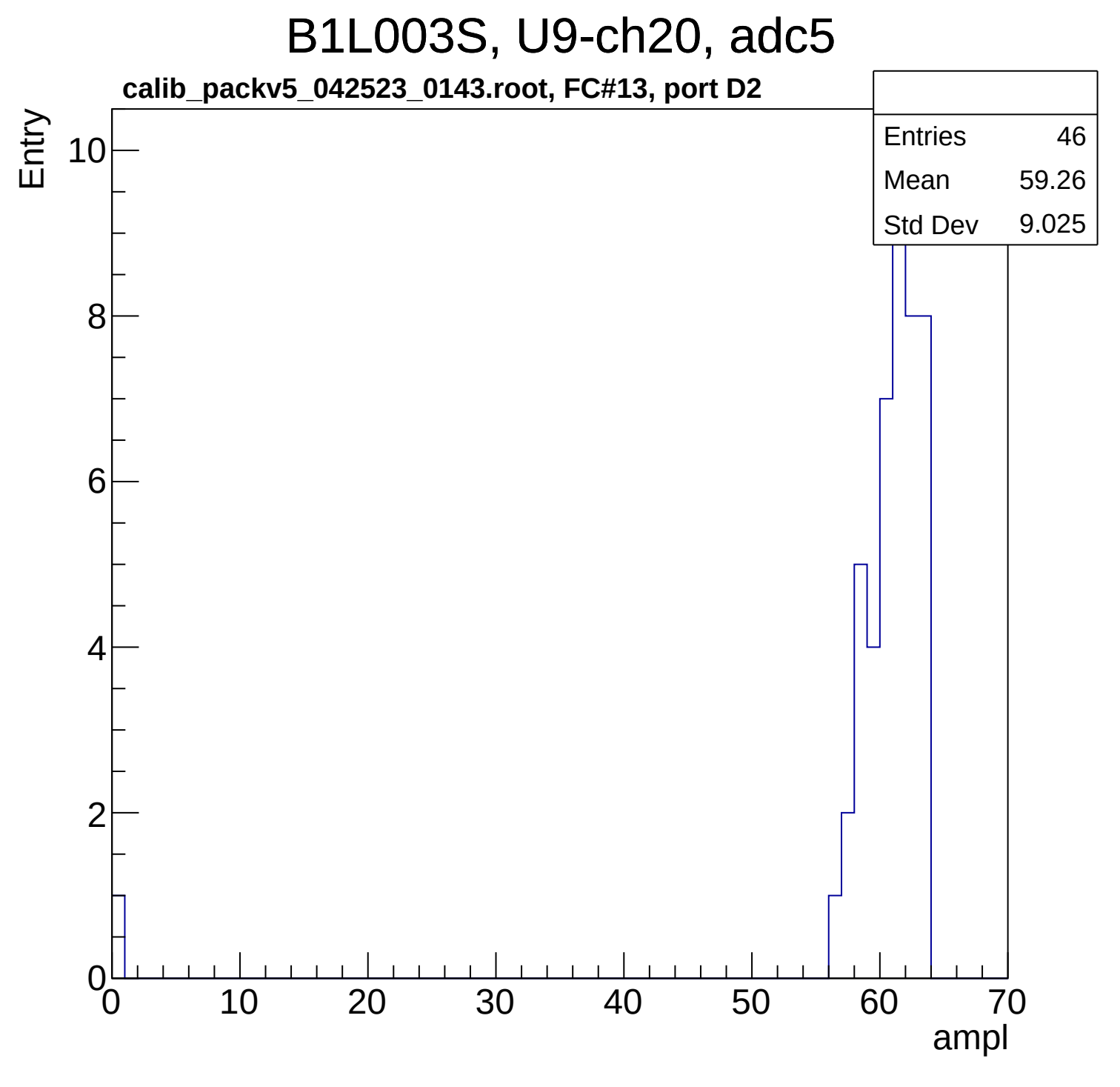
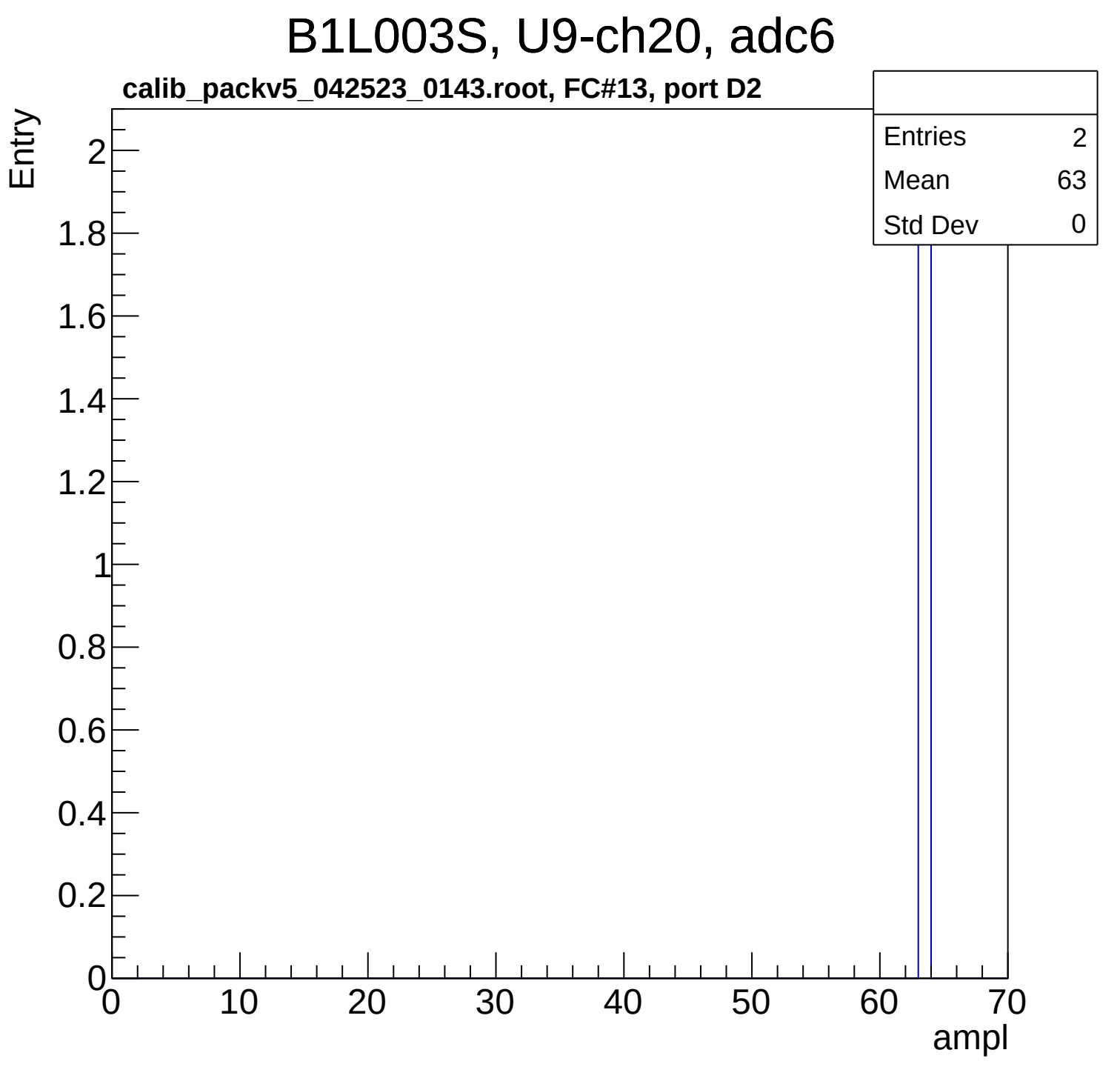
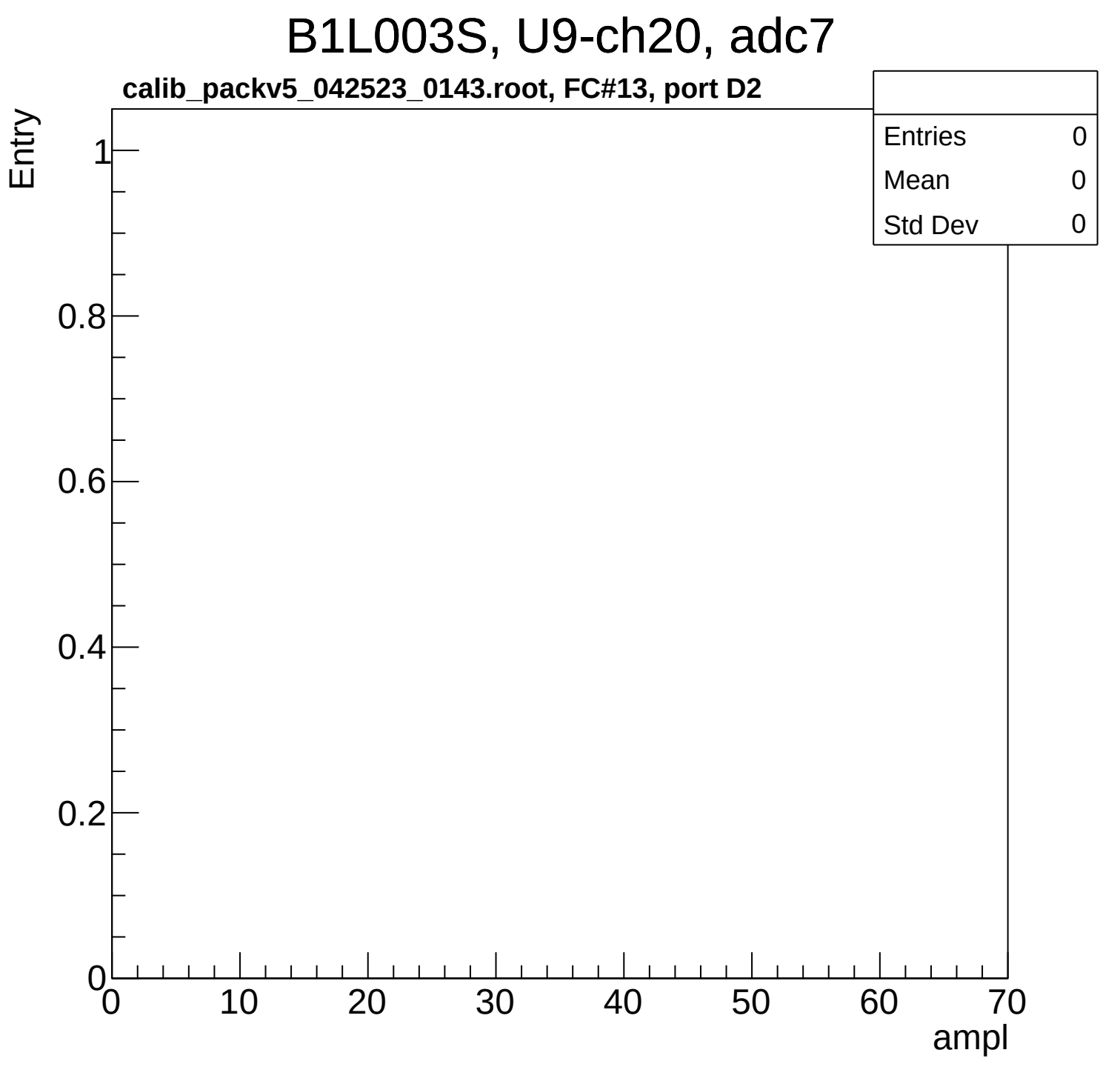
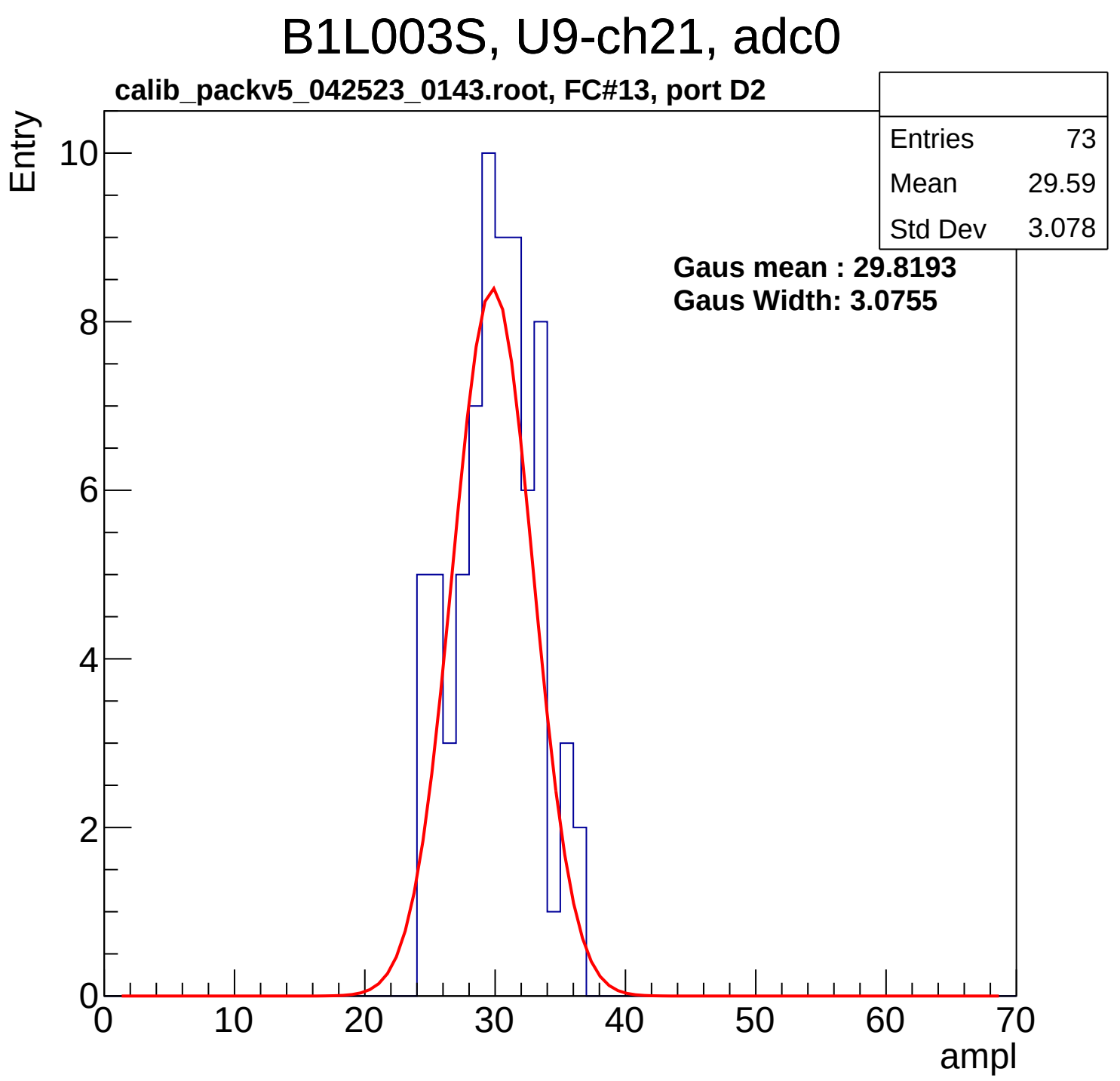

B1L003S, U9-ch20, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 49.2
Std Dev 3.042
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

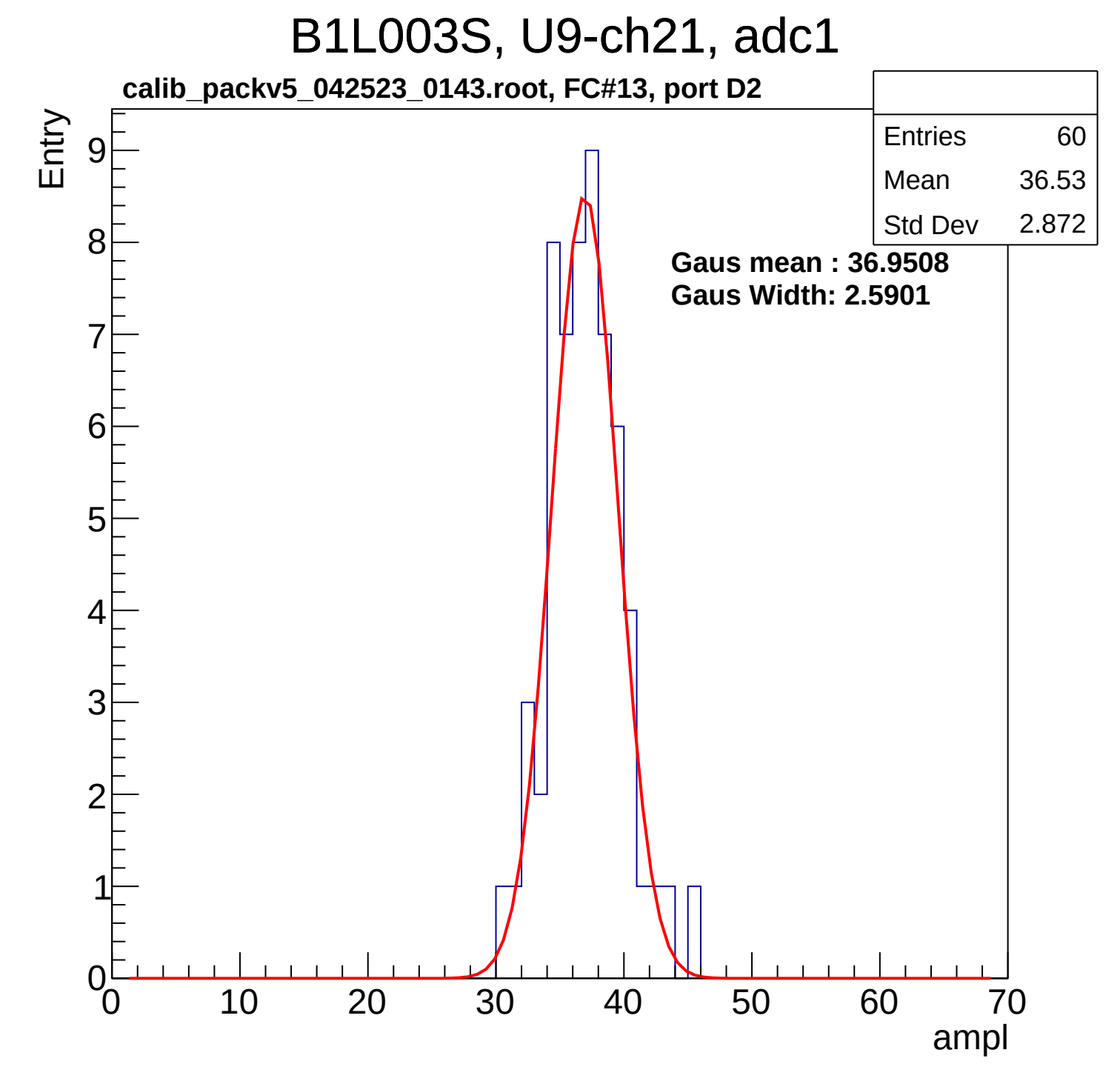

B1L003S, U9-ch20, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 55.23
Std Dev 3.003
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

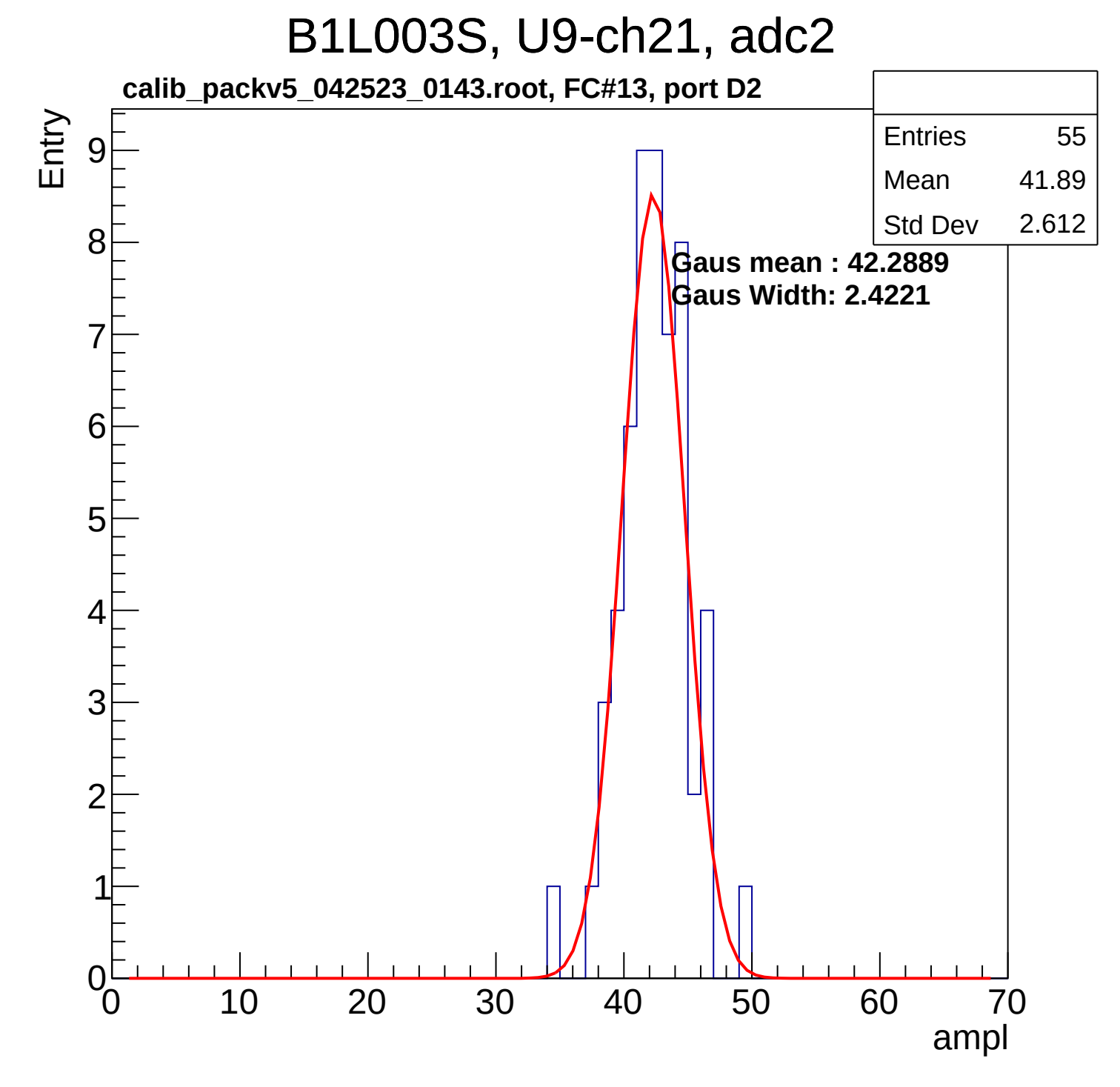

B1L003S, U9-ch20, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 59.26
Std Dev 9.025
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

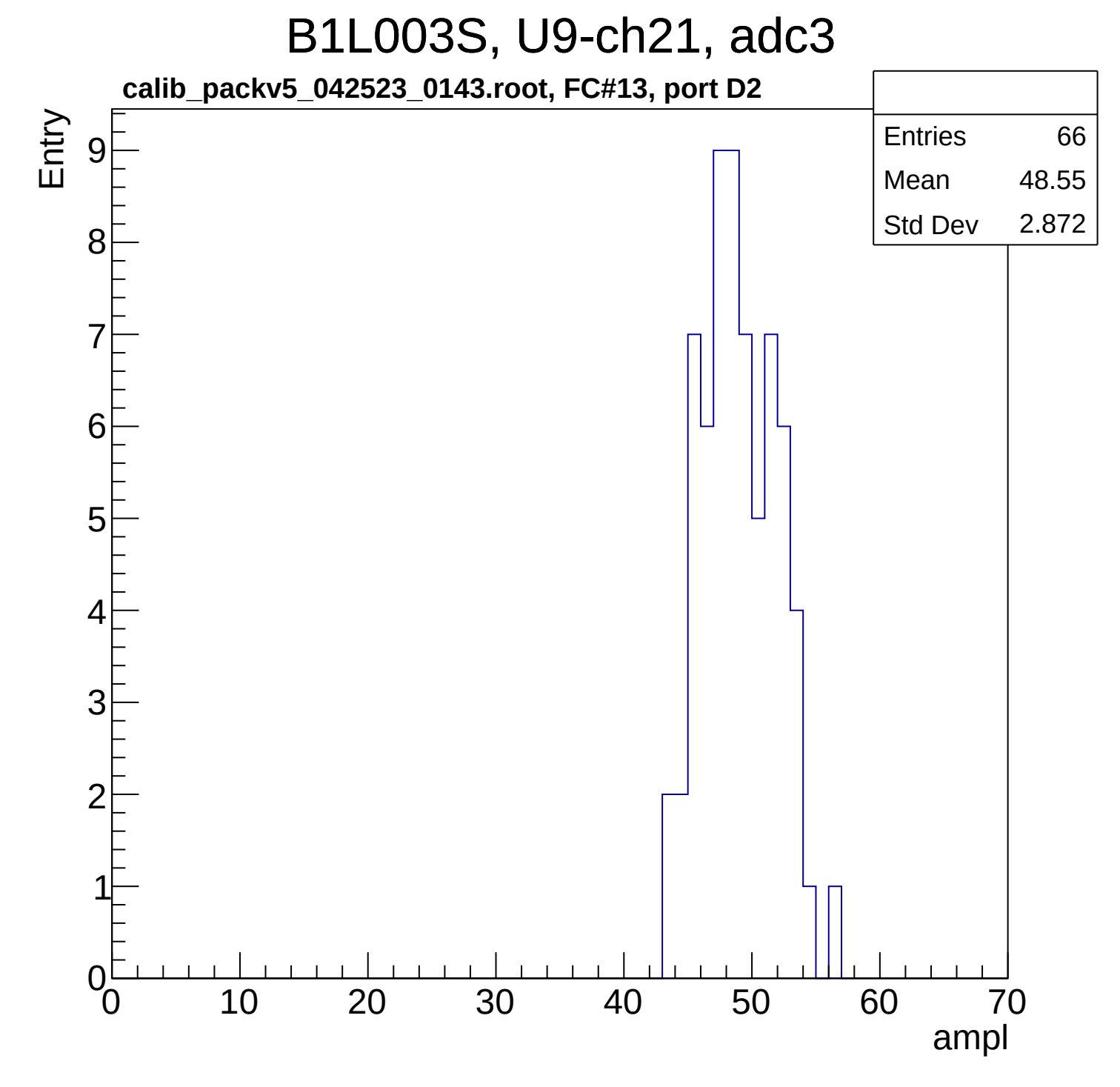

B1L003S, U9-ch20, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch20, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch21, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 29.59
Std Dev 3.078
Gaus mean : 29.8193
Gaus Width: 3.0755
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch21, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 36.53
Std Dev 2.872
Gaus mean : 36.9508
Gaus Width: 2.5901
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch21, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 41.89
Std Dev 2.612
Gaus mean : 42.2889
Gaus Width: 2.4221
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch21, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 48.55
Std Dev 2.872
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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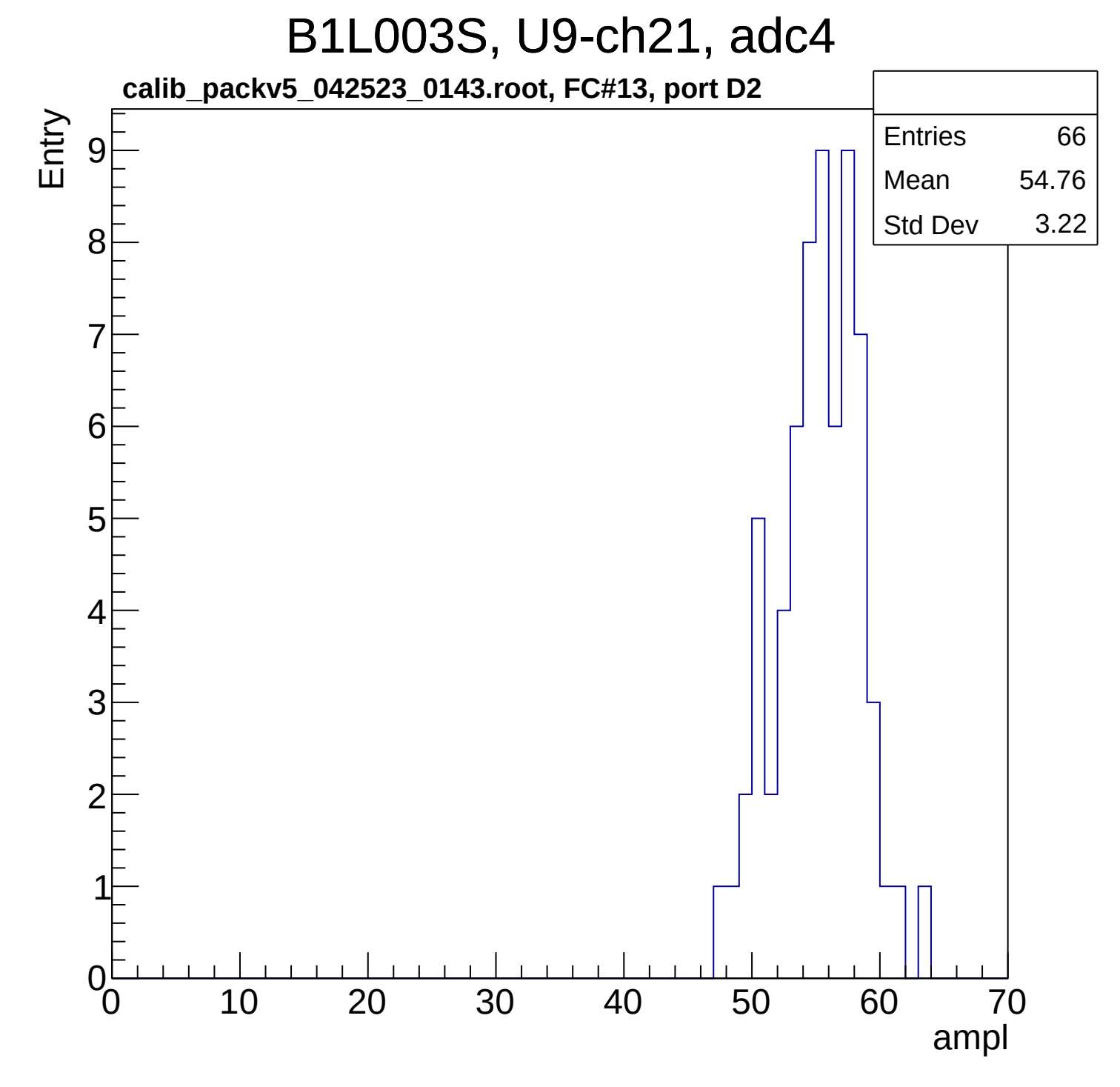
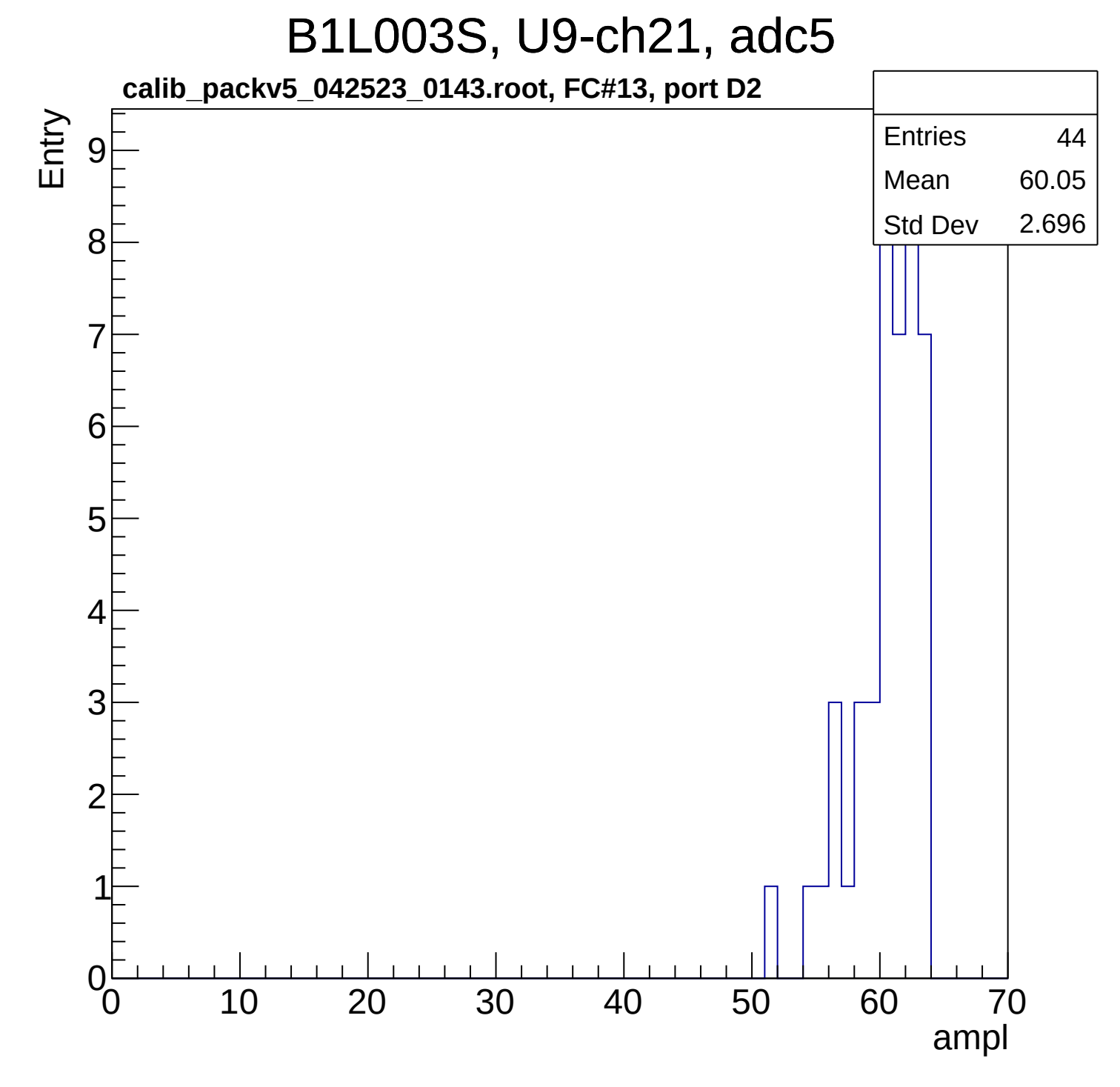

B1L003S, U9-ch21, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 54.76
Std Dev 3.22
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch21, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 60.05
Std Dev 2.696
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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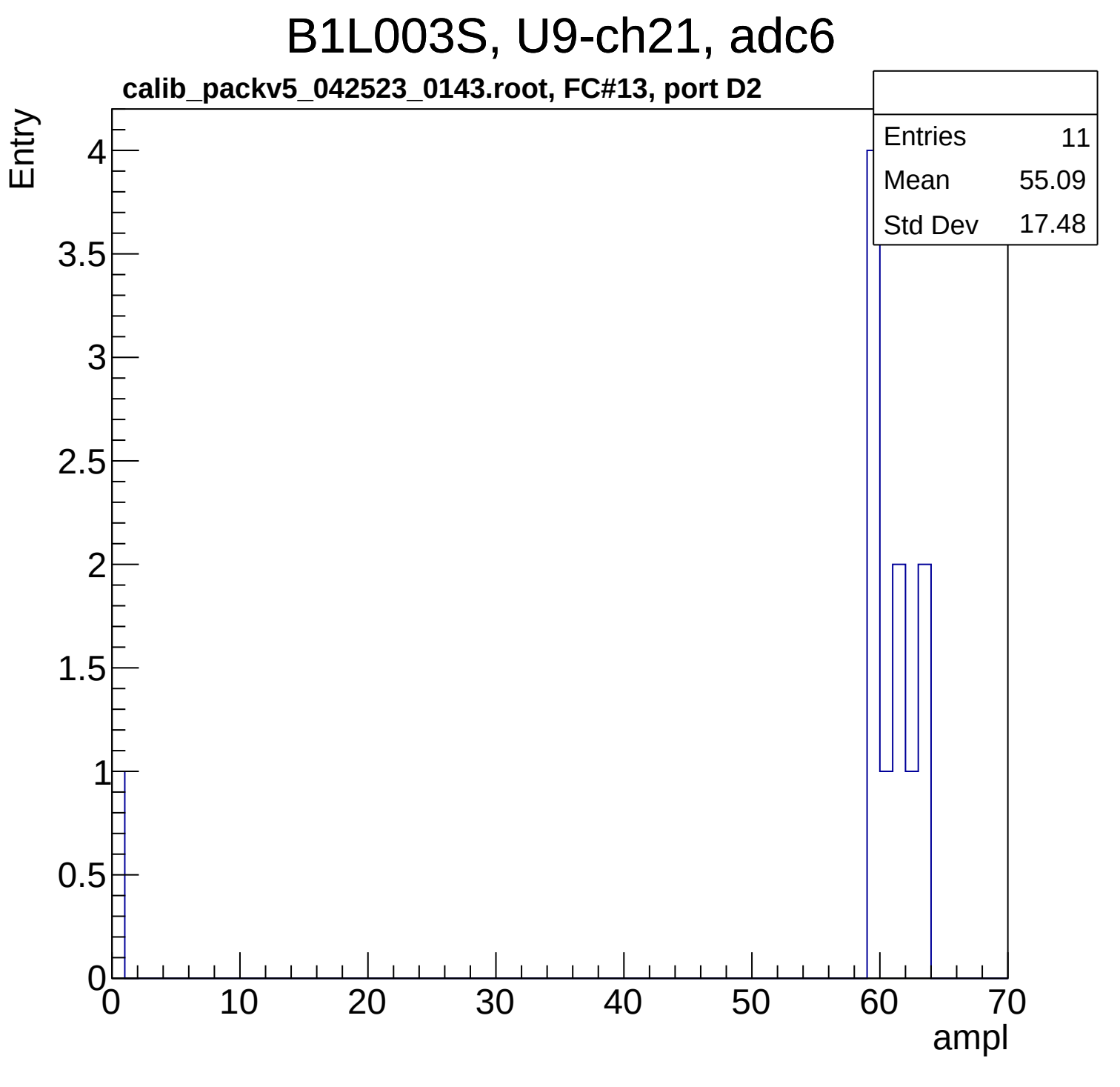
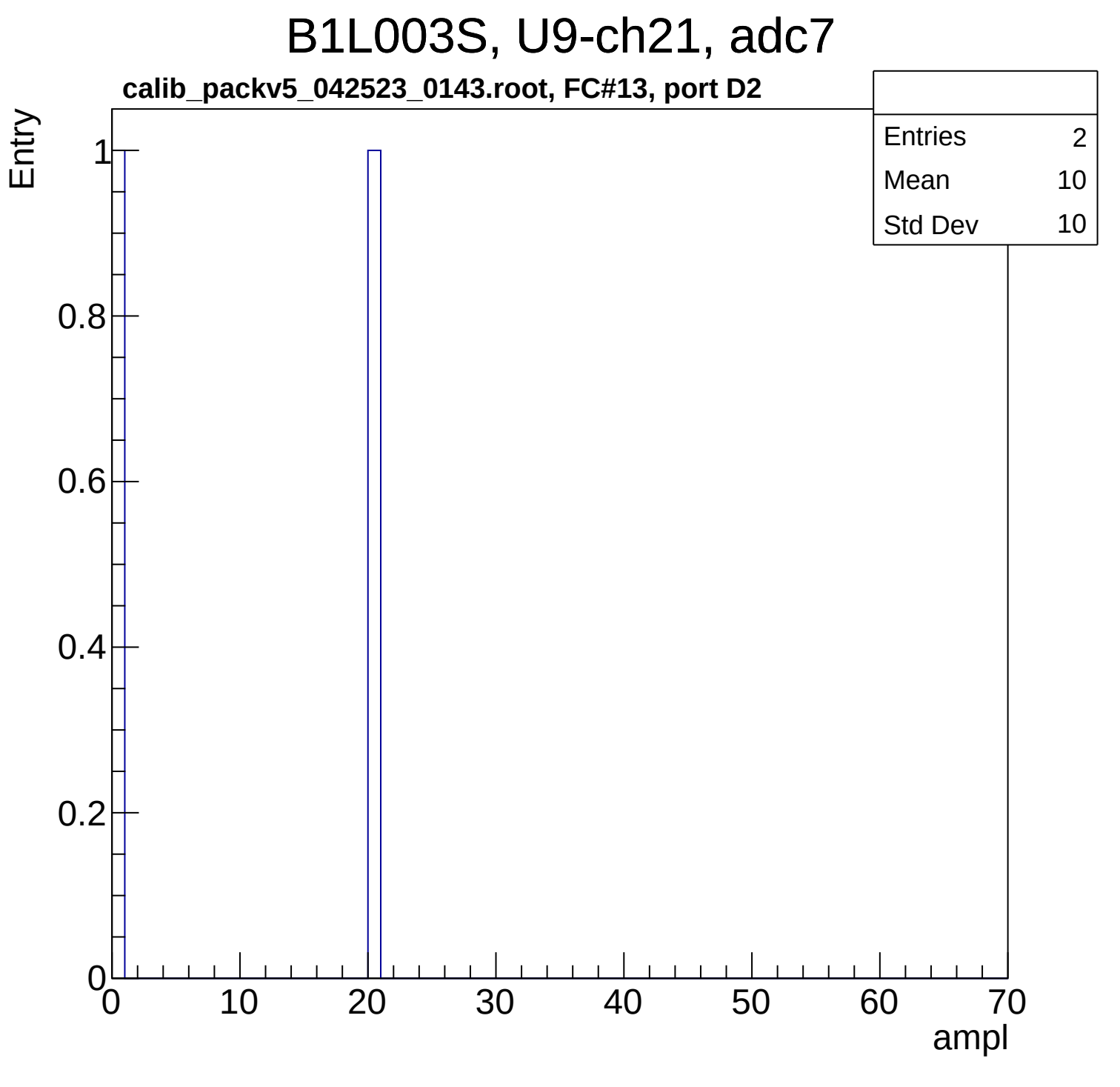
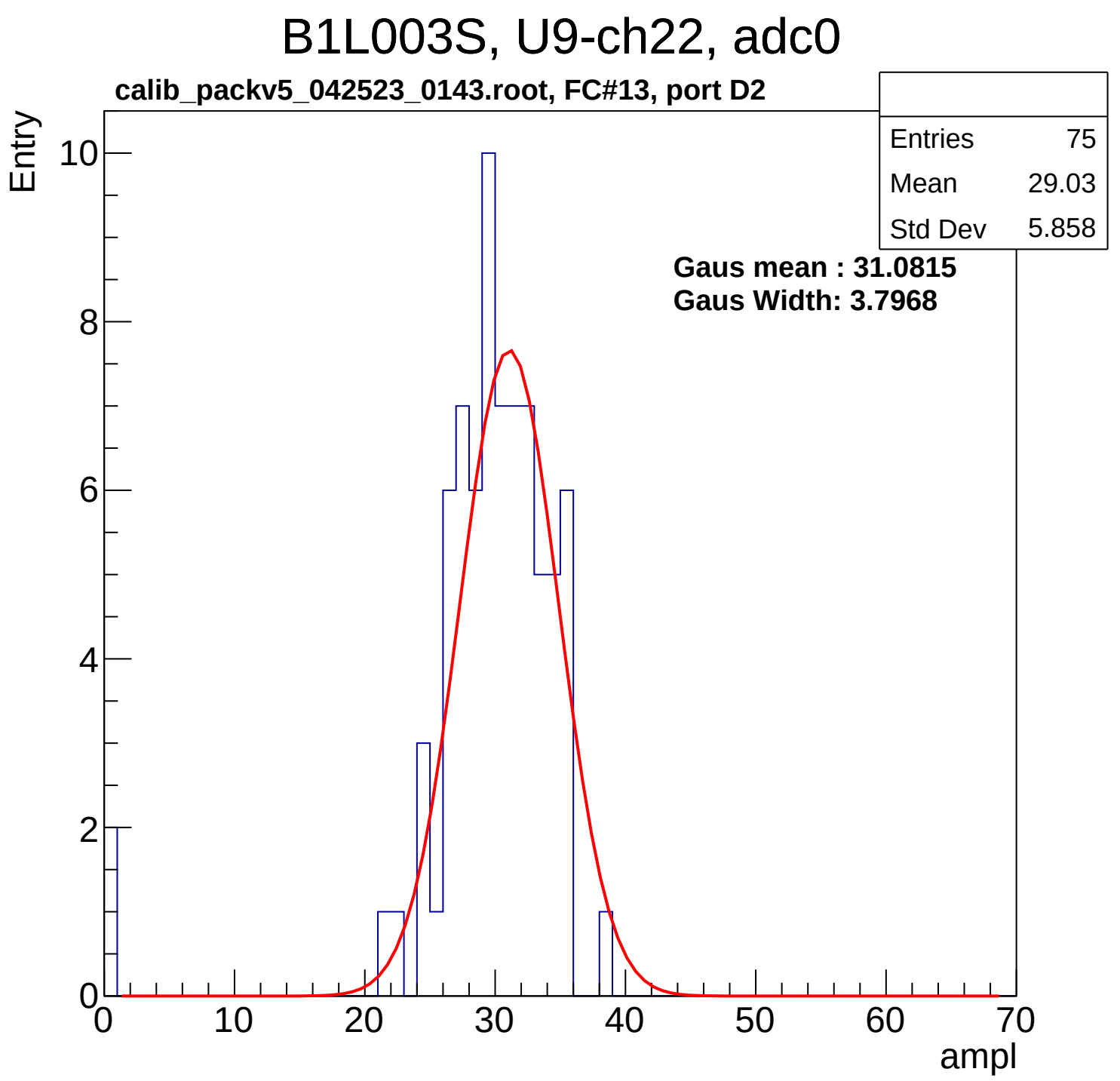
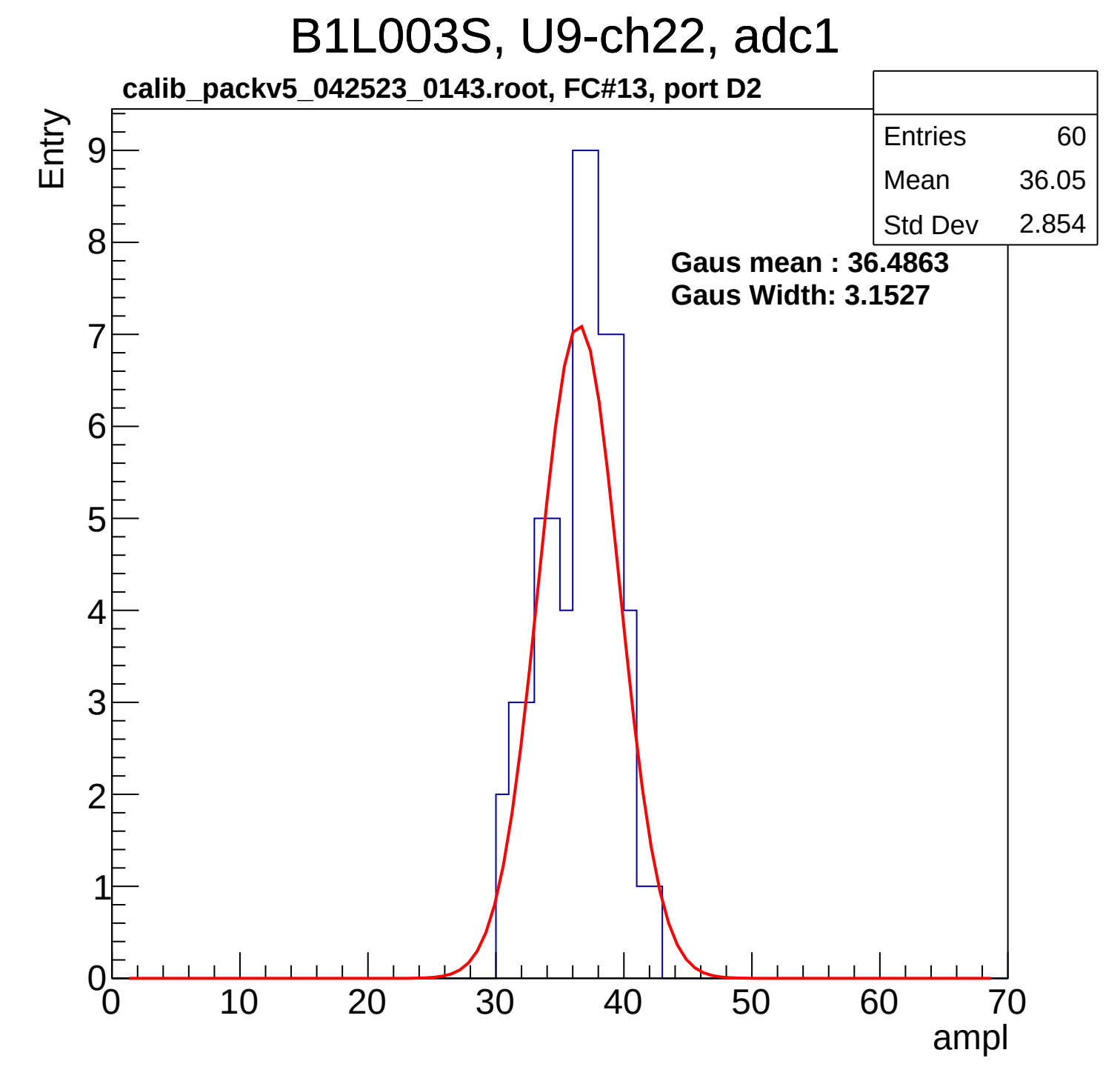
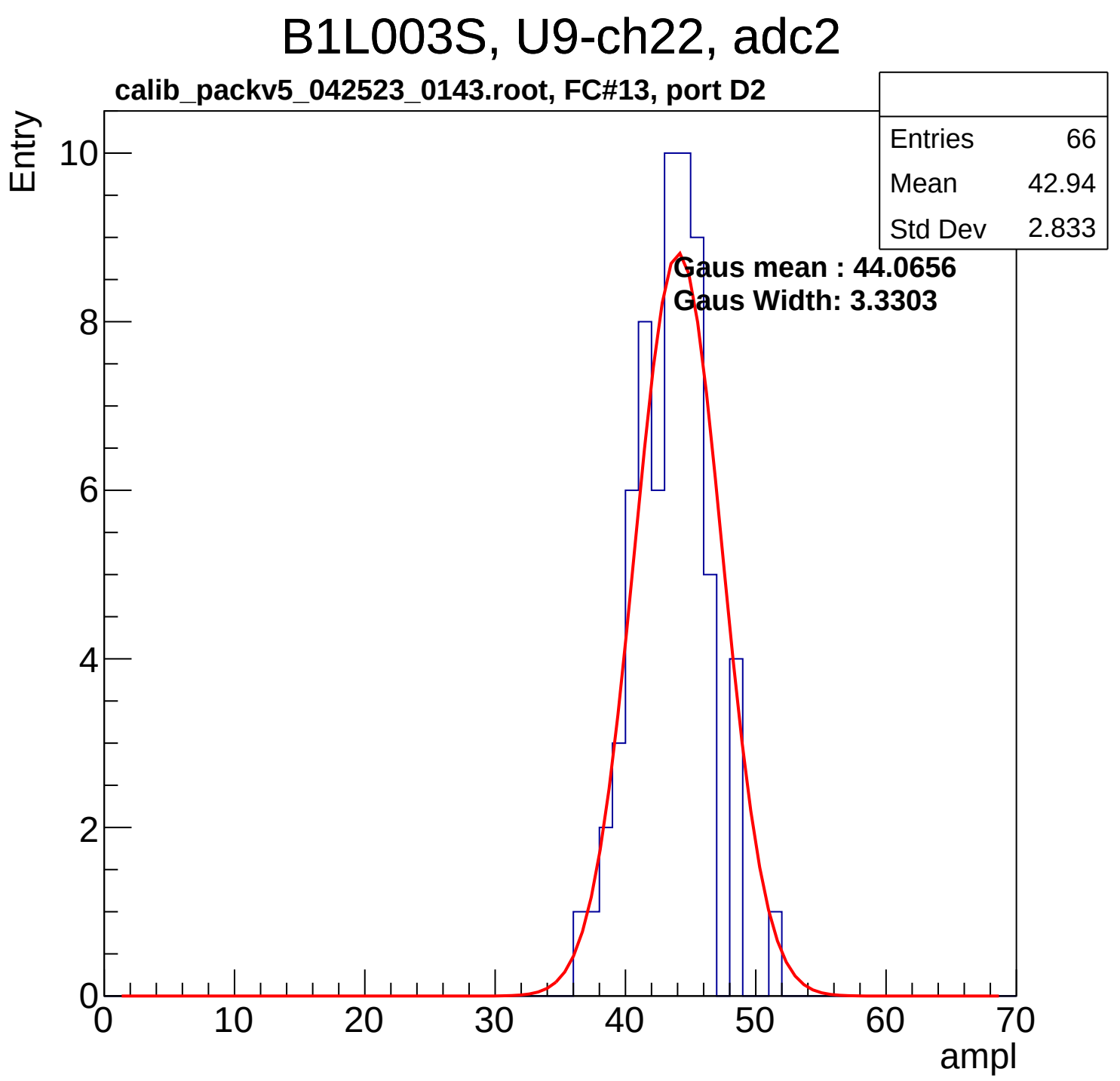
40
50
60
70

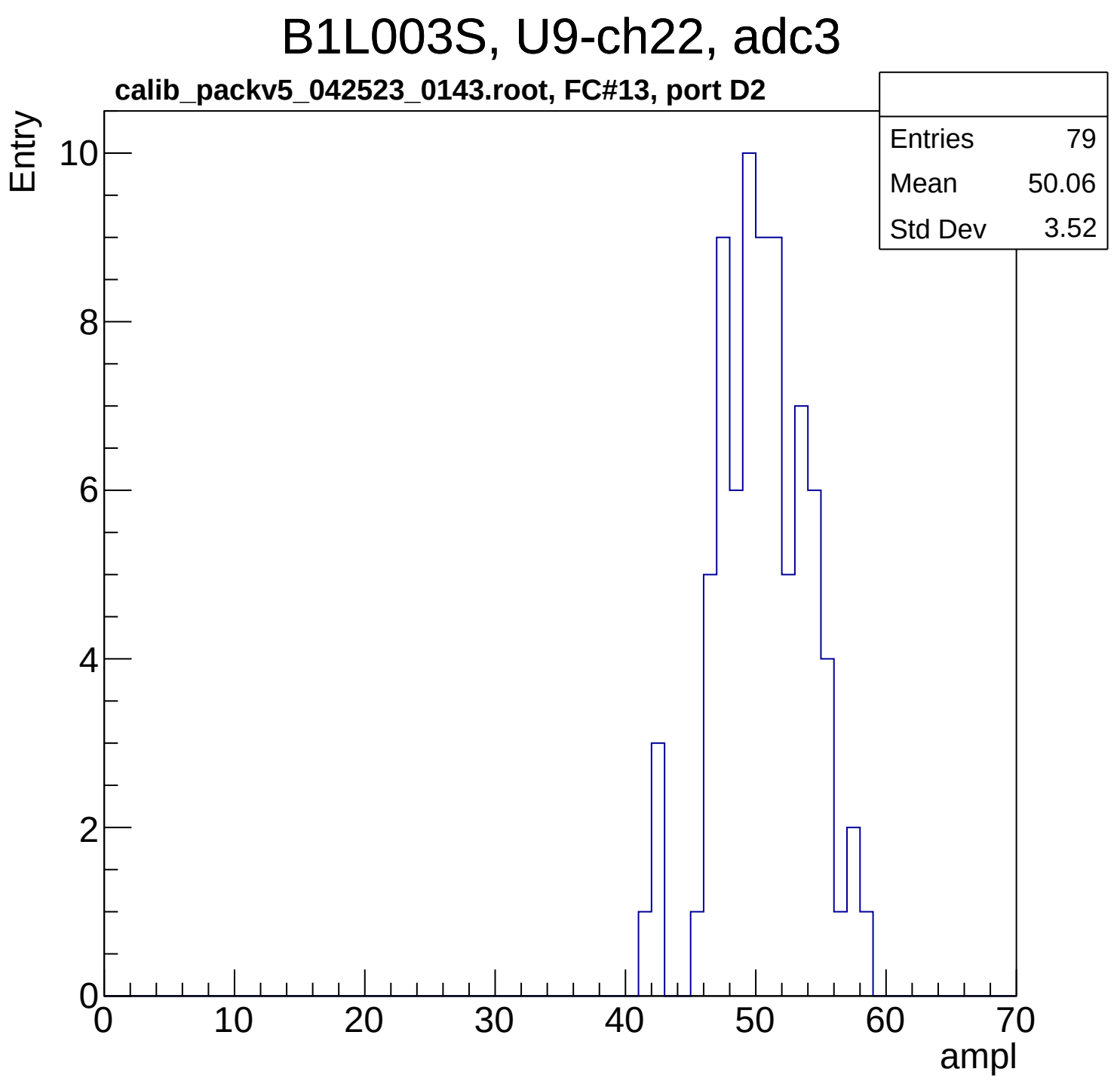

B1L003S, U9-ch21, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 55.09
Std Dev 17.48
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U9-ch21, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 10
Std Dev 10
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch22, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 29.03
Std Dev 5.858
Gaus mean : 31.0815
Gaus Width: 3.7968
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch22, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 36.05
Std Dev 2.854
Gaus mean : 36.4863
Gaus Width: 3.1527
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch22, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 42.94
Std Dev 2.833
Gaus mean : 44.0656
Gaus Width: 3.3303
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch22, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 50.06
Std Dev 3.52
Entry
0
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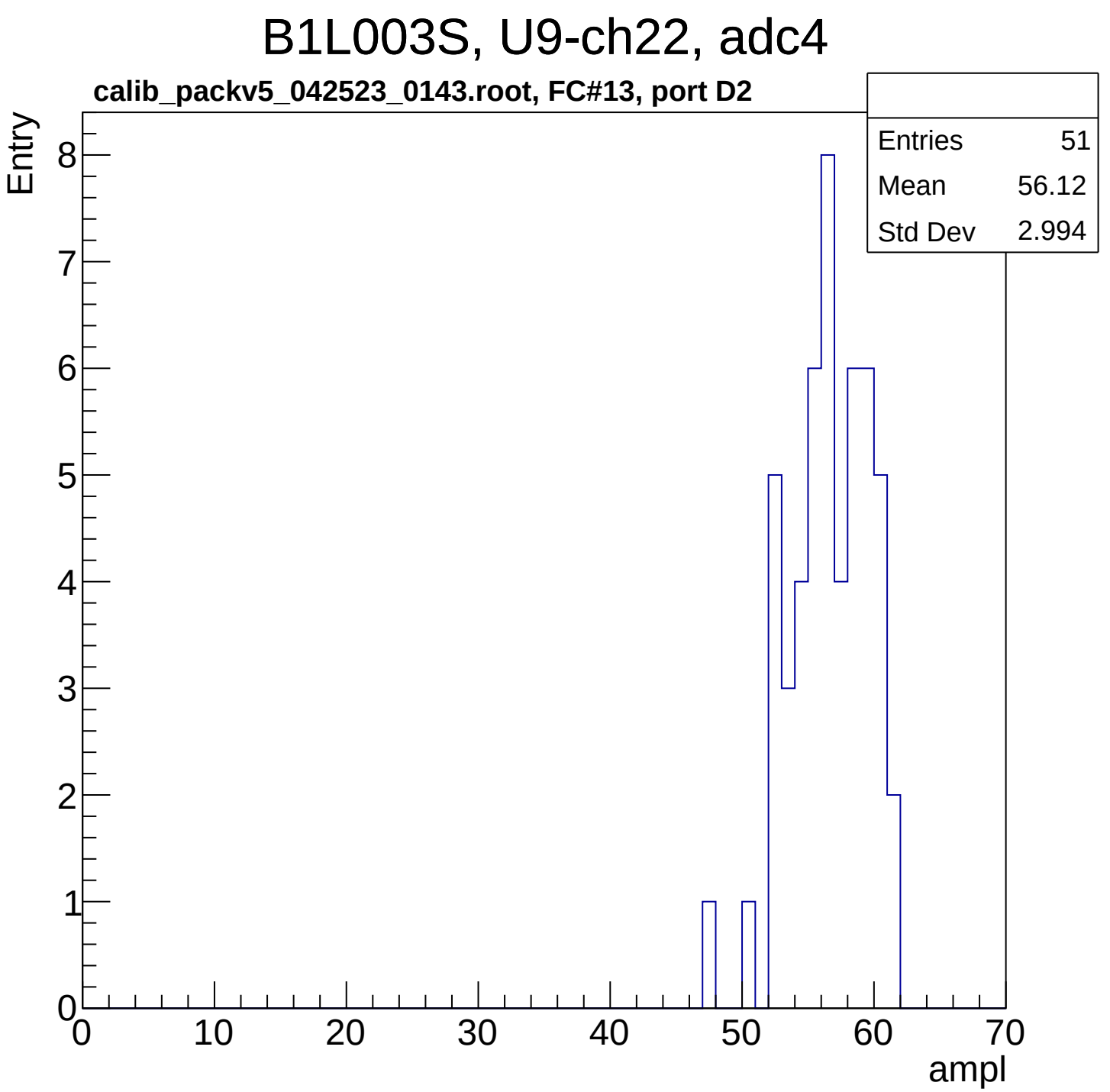
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch22, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 56.12
Std Dev 2.994
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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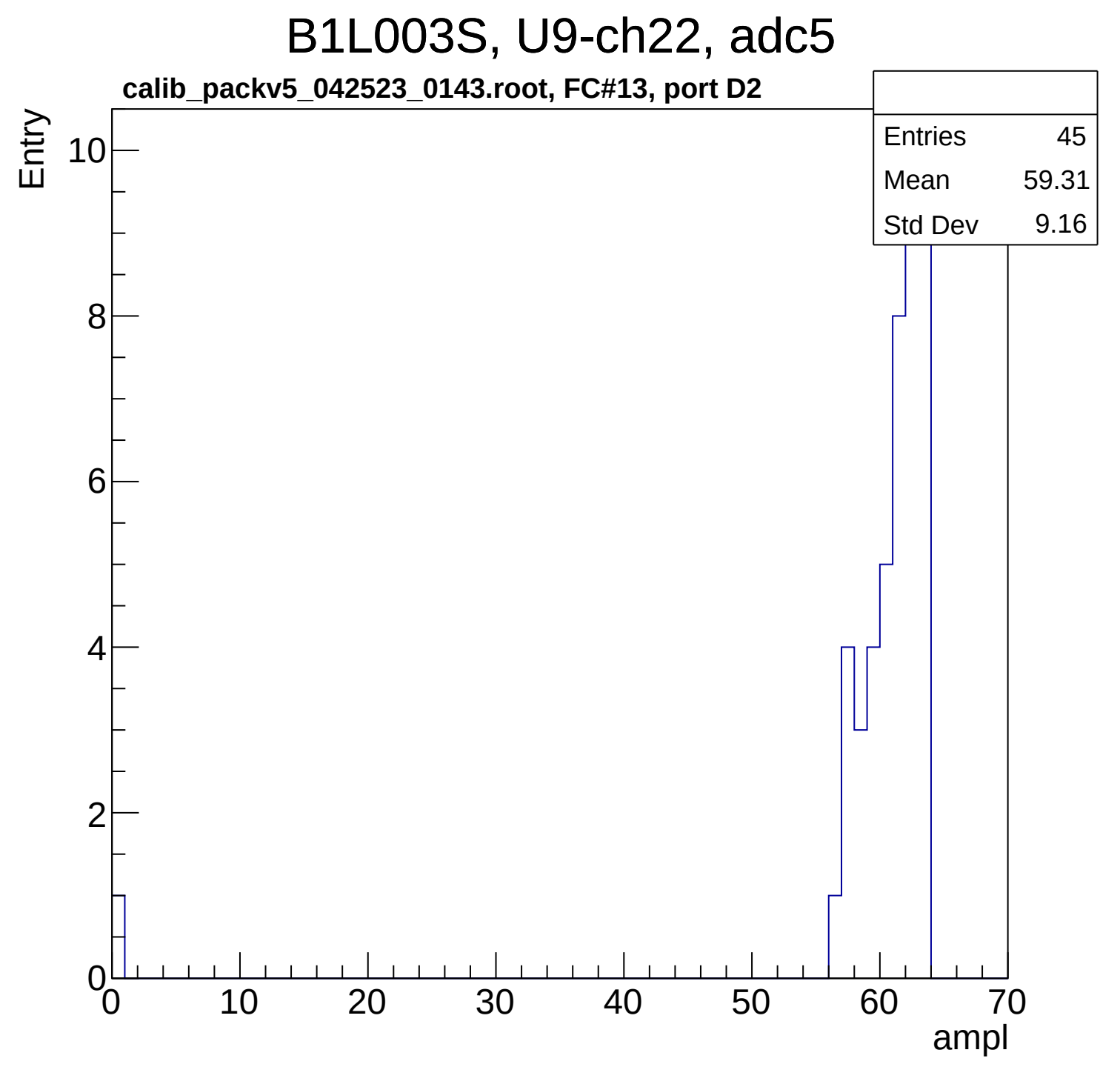
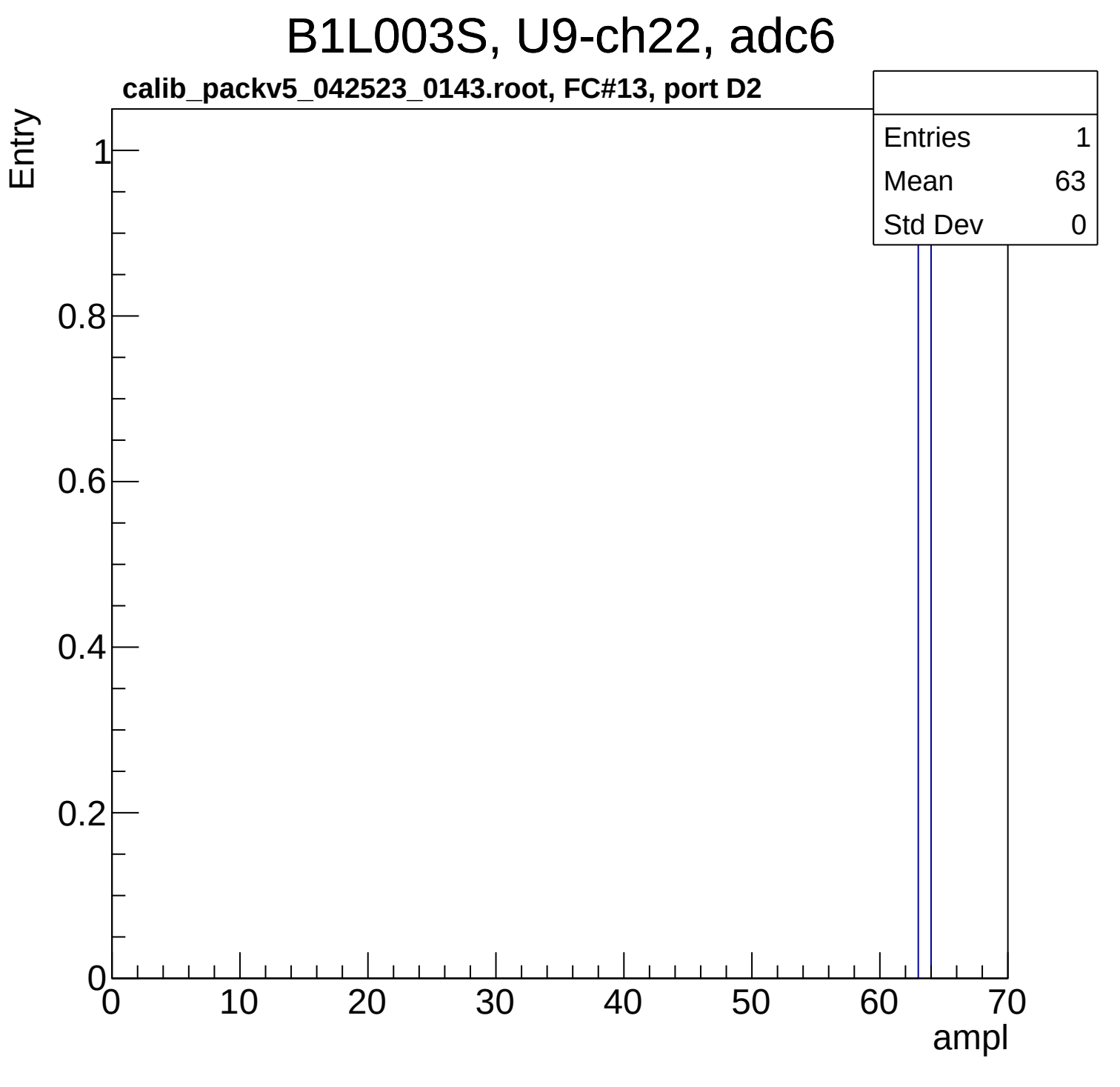
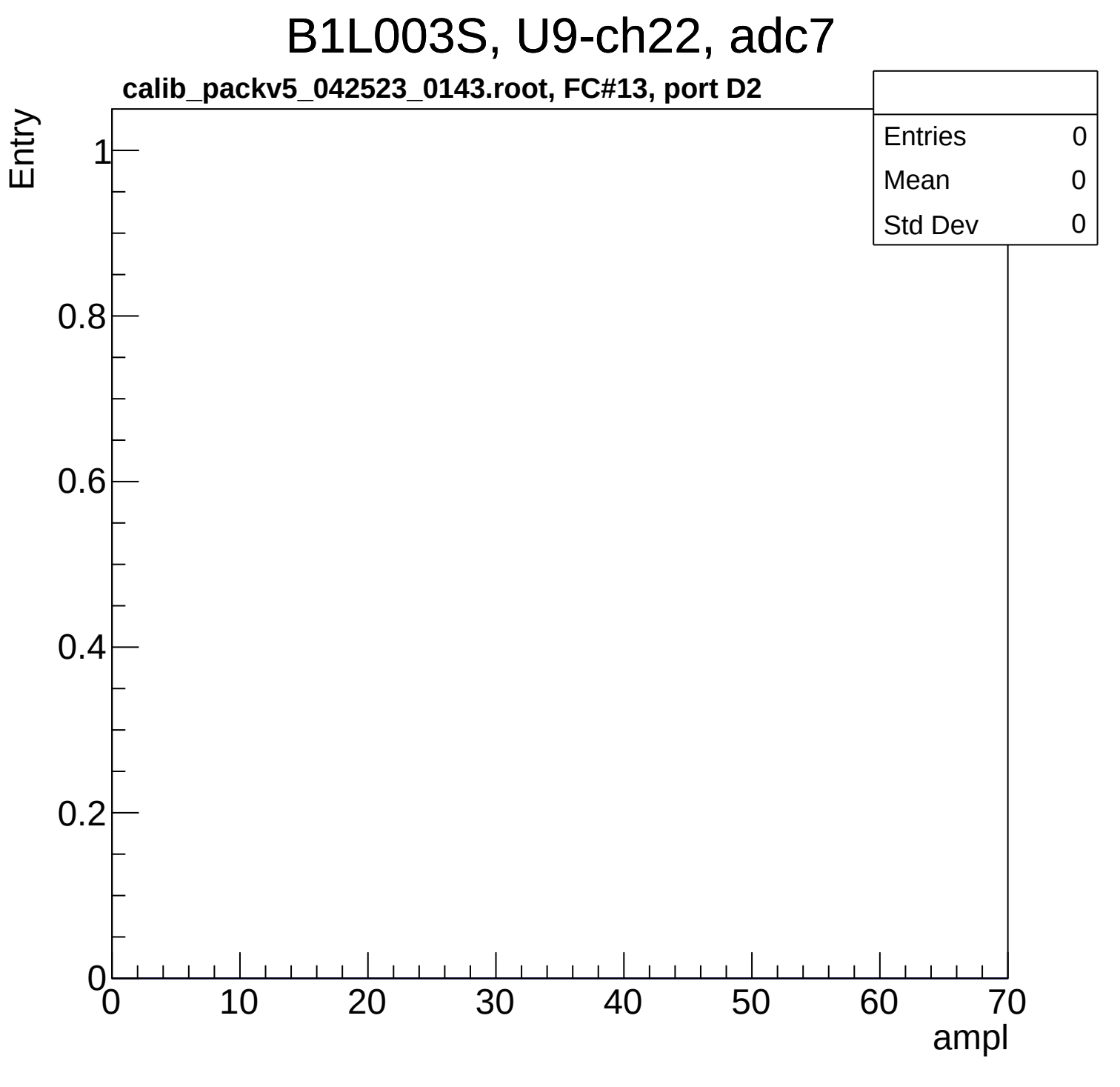
40
50
60
70


B1L003S, U9-ch22, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 59.31
Std Dev 9.16
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch22, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch22, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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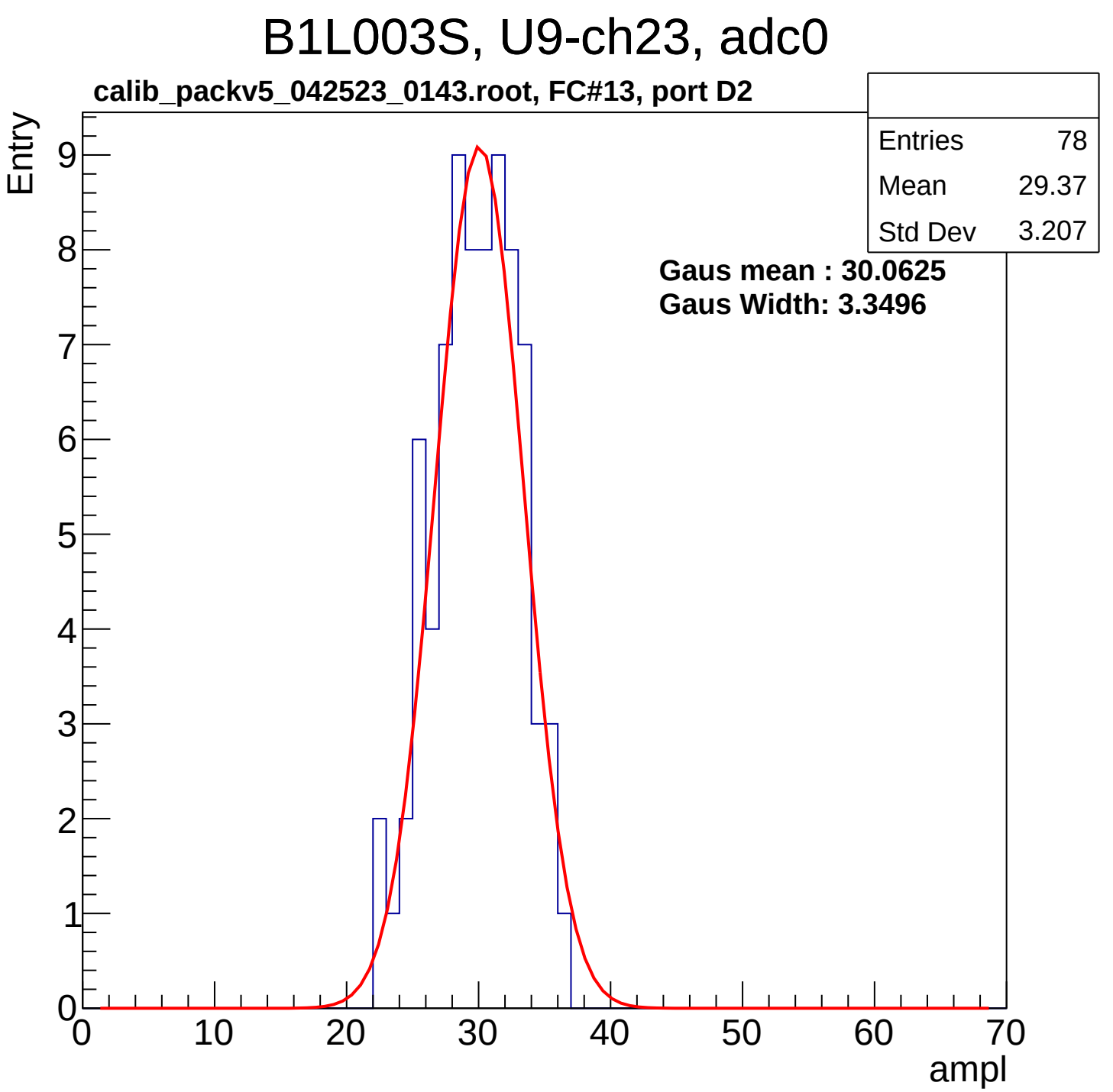
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch23, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 29.37
Std Dev 3.207
Gaus mean : 30.0625
Gaus Width: 3.3496
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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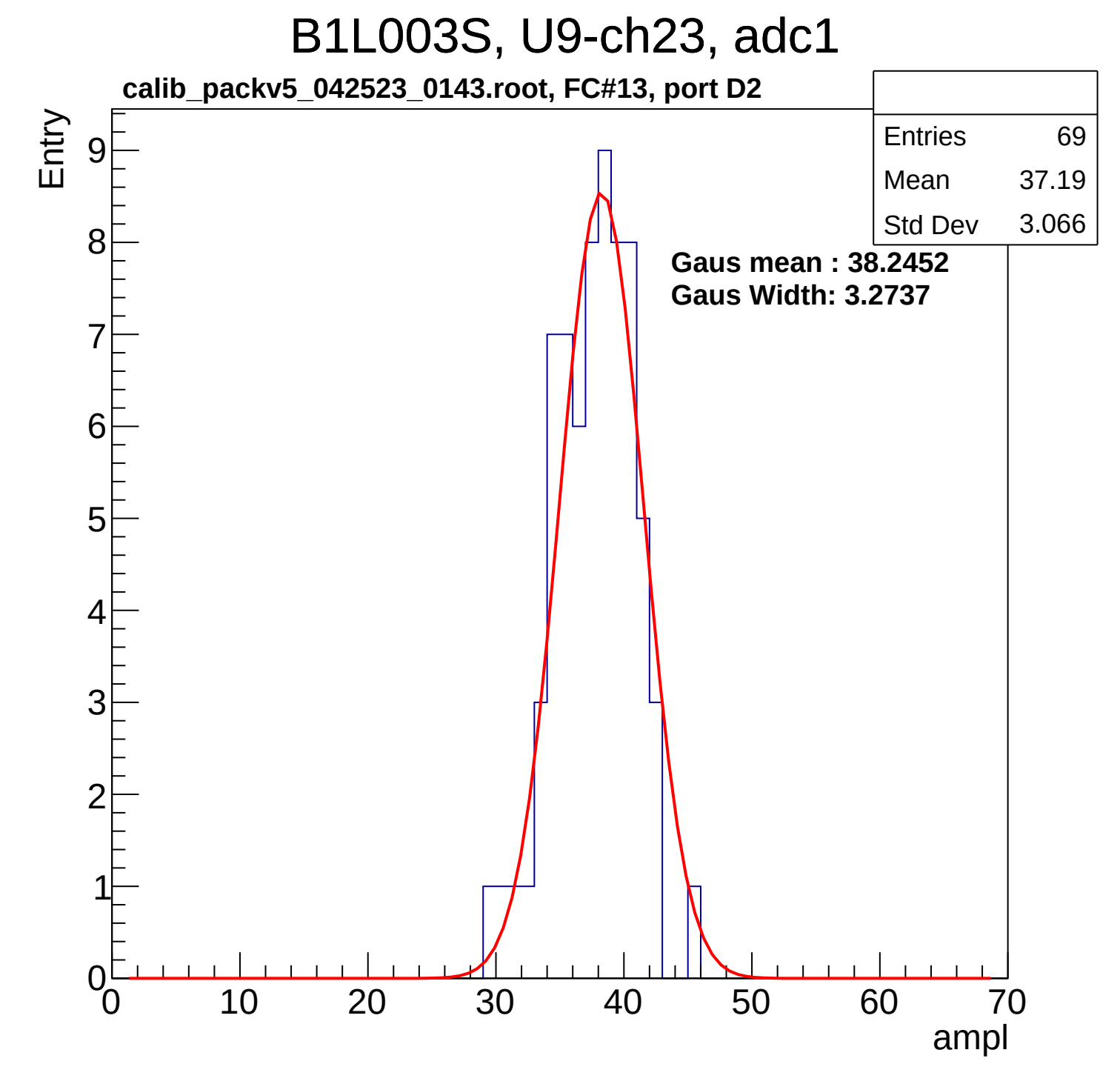
B1L003S, U9-ch23, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 37.19
Std Dev 3.066
Gaus mean : 38.2452
Gaus Width: 3.2737
Entry
ampl
0
1
2
3
4
5
6
7
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0
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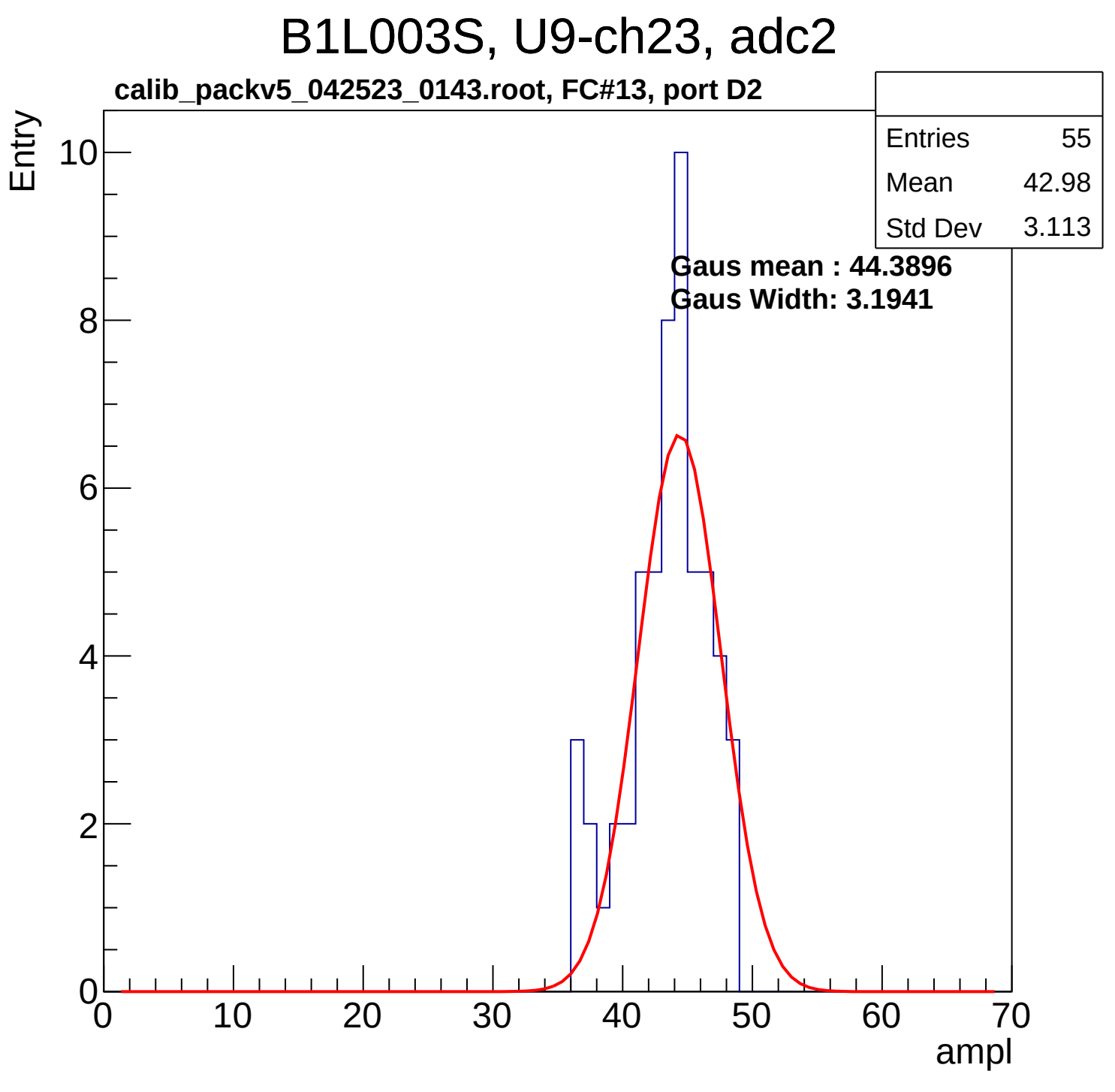
B1L003S, U9-ch23, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 42.98
Std Dev 3.113
Gaus mean : 44.3896
Gaus Width: 3.1941
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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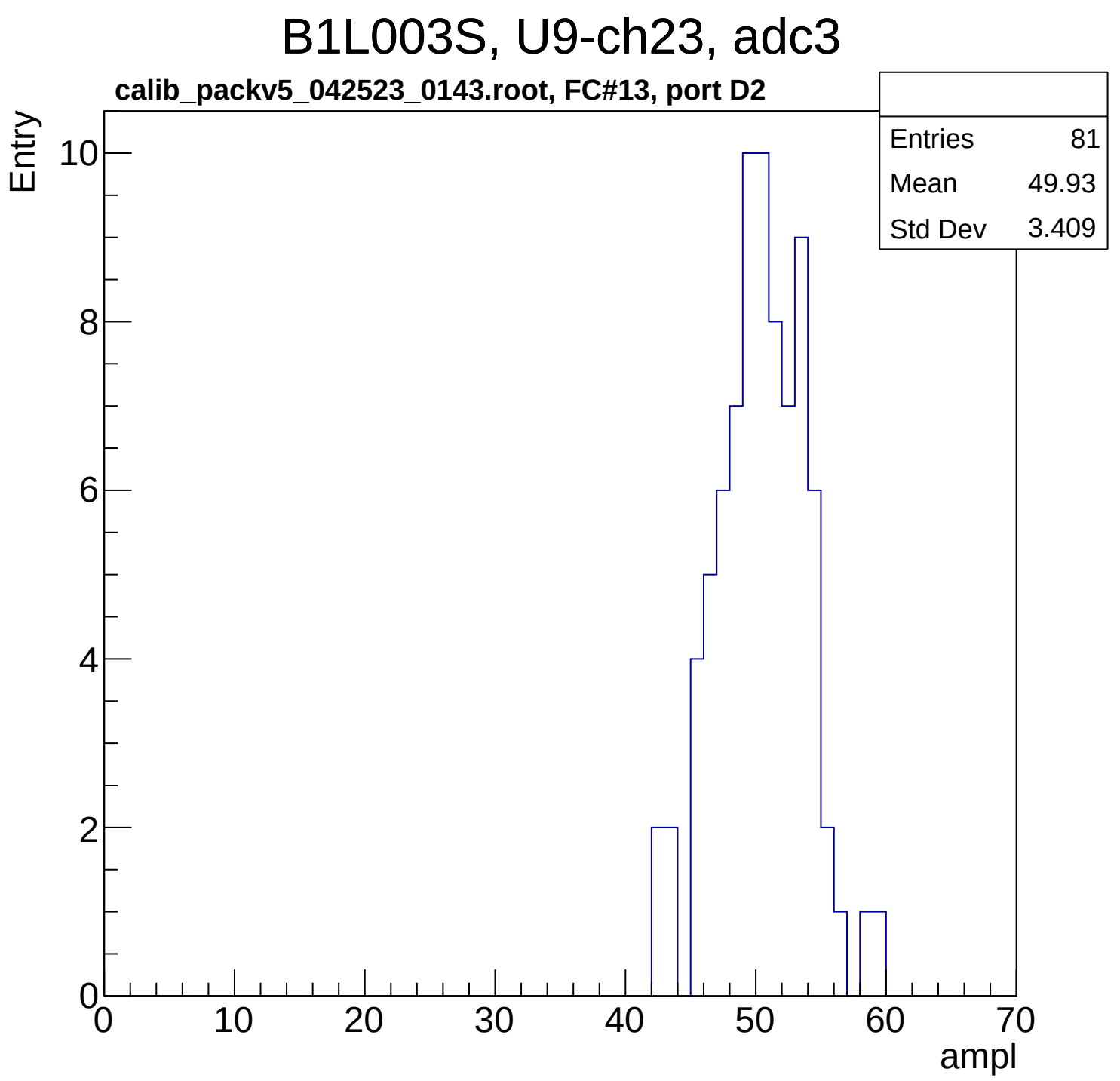
B1L003S, U9-ch23, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 49.93
Std Dev 3.409
Entry
0
2
4
6
8
10
0
10
20
30
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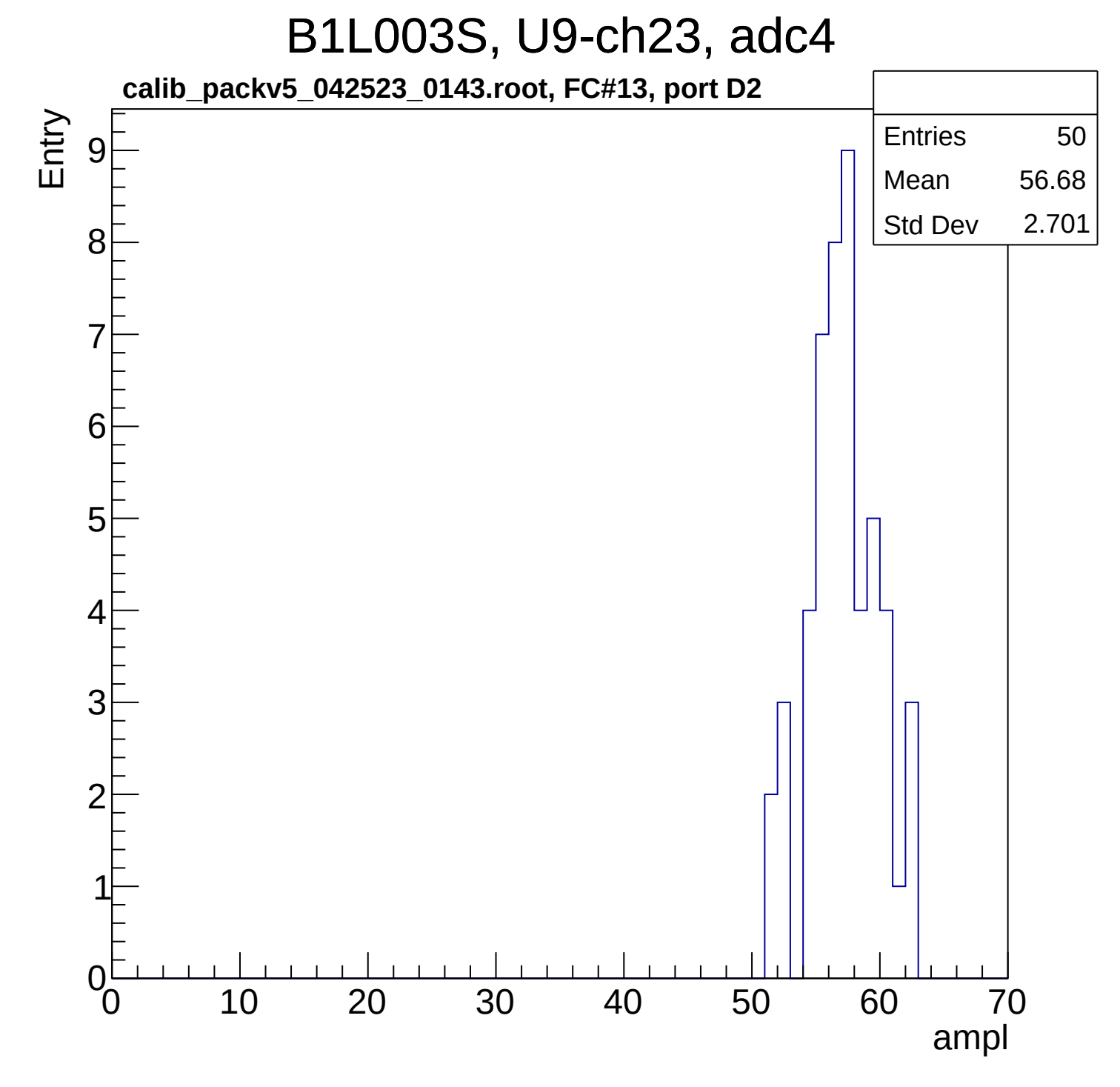
50
60
70
ampl


B1L003S, U9-ch23, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 56.68
Std Dev 2.701
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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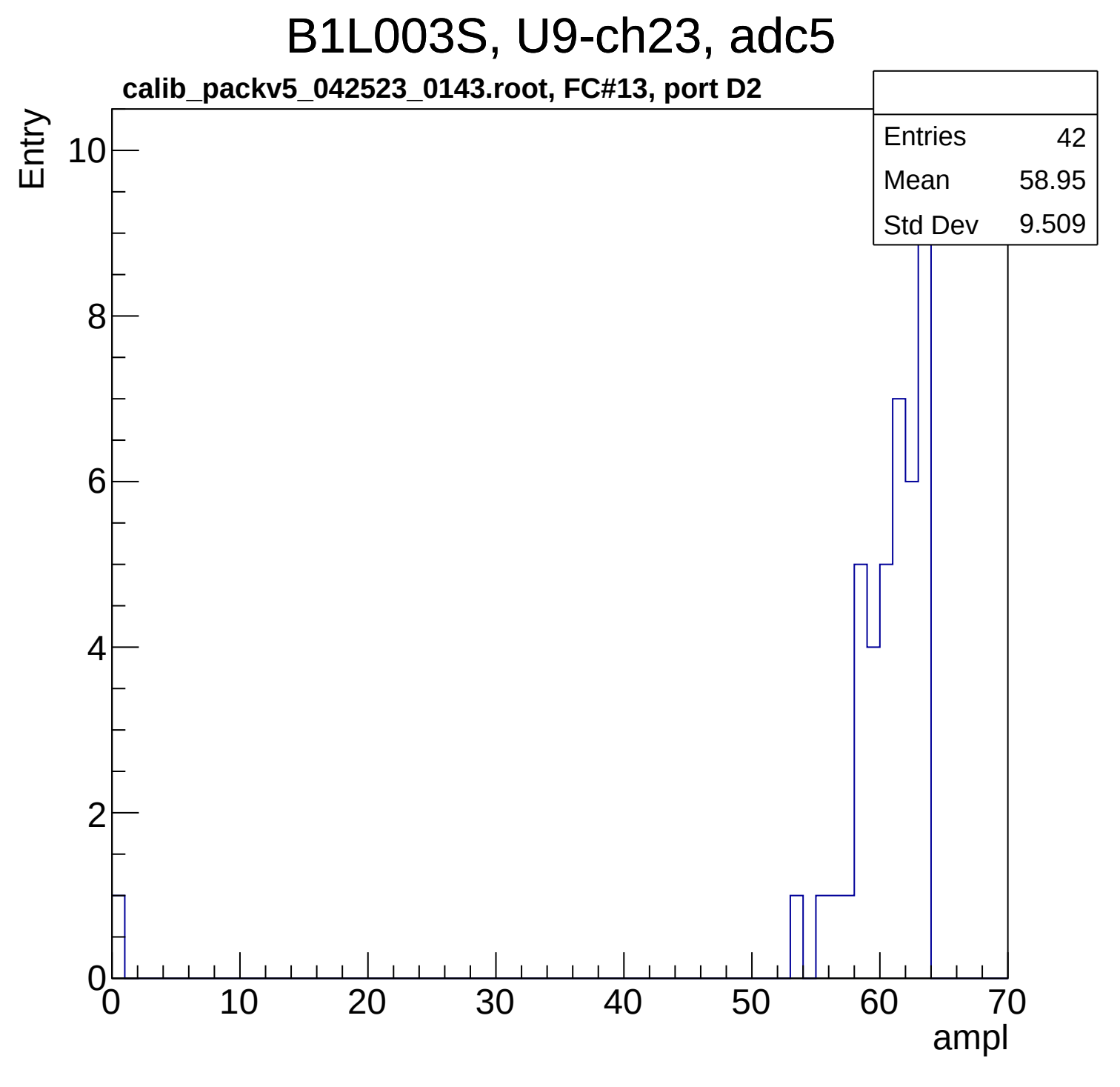
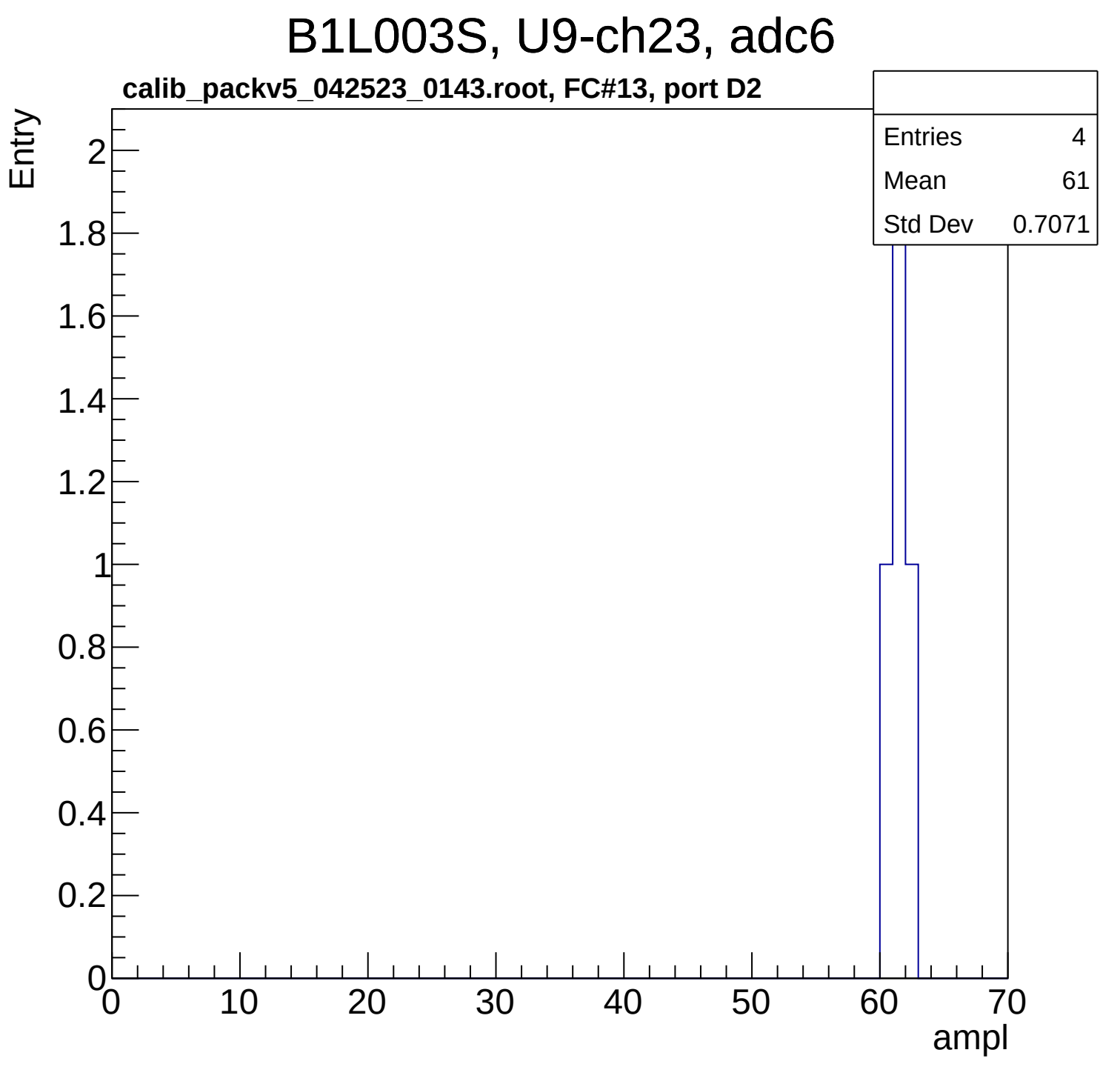
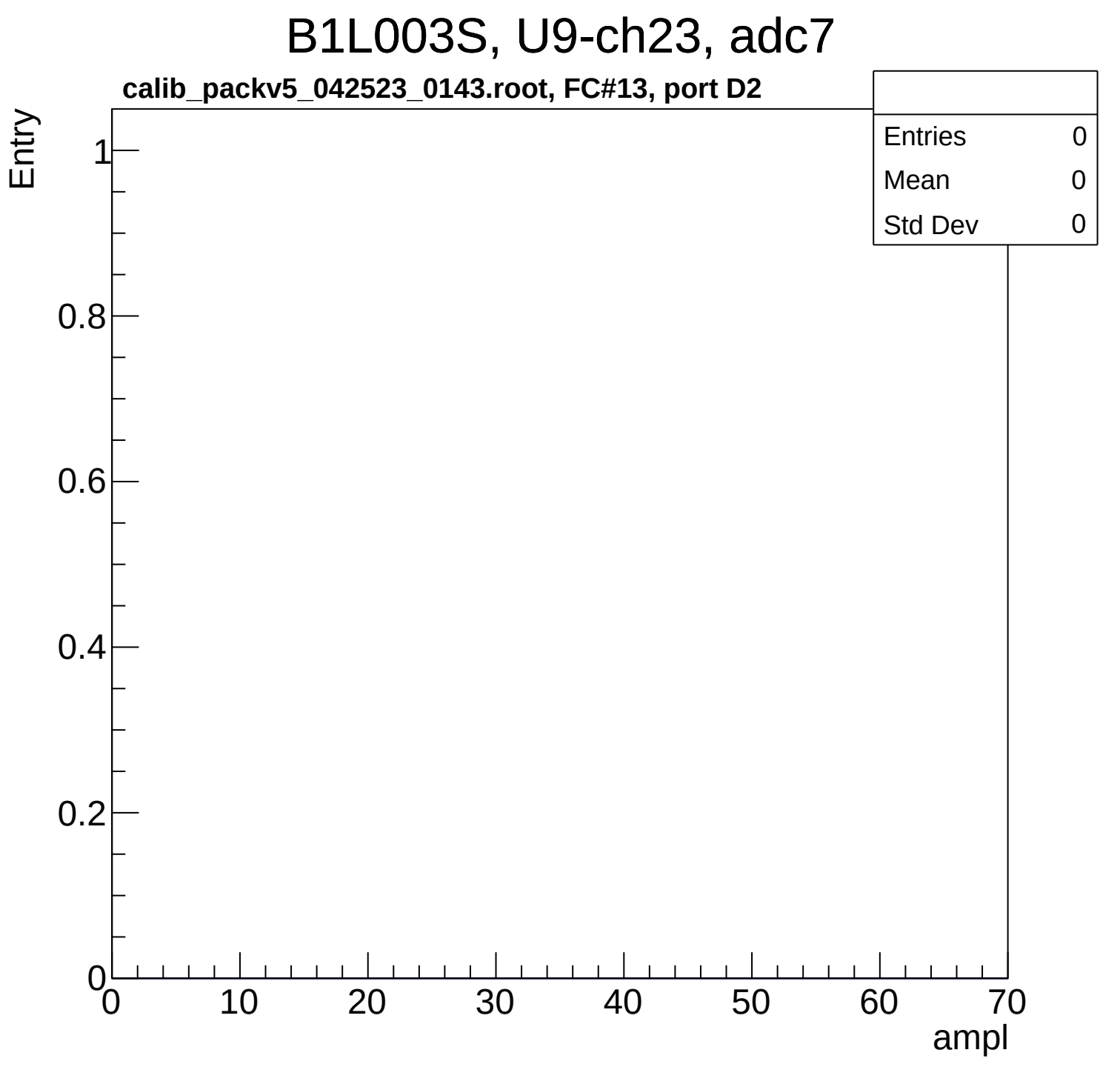
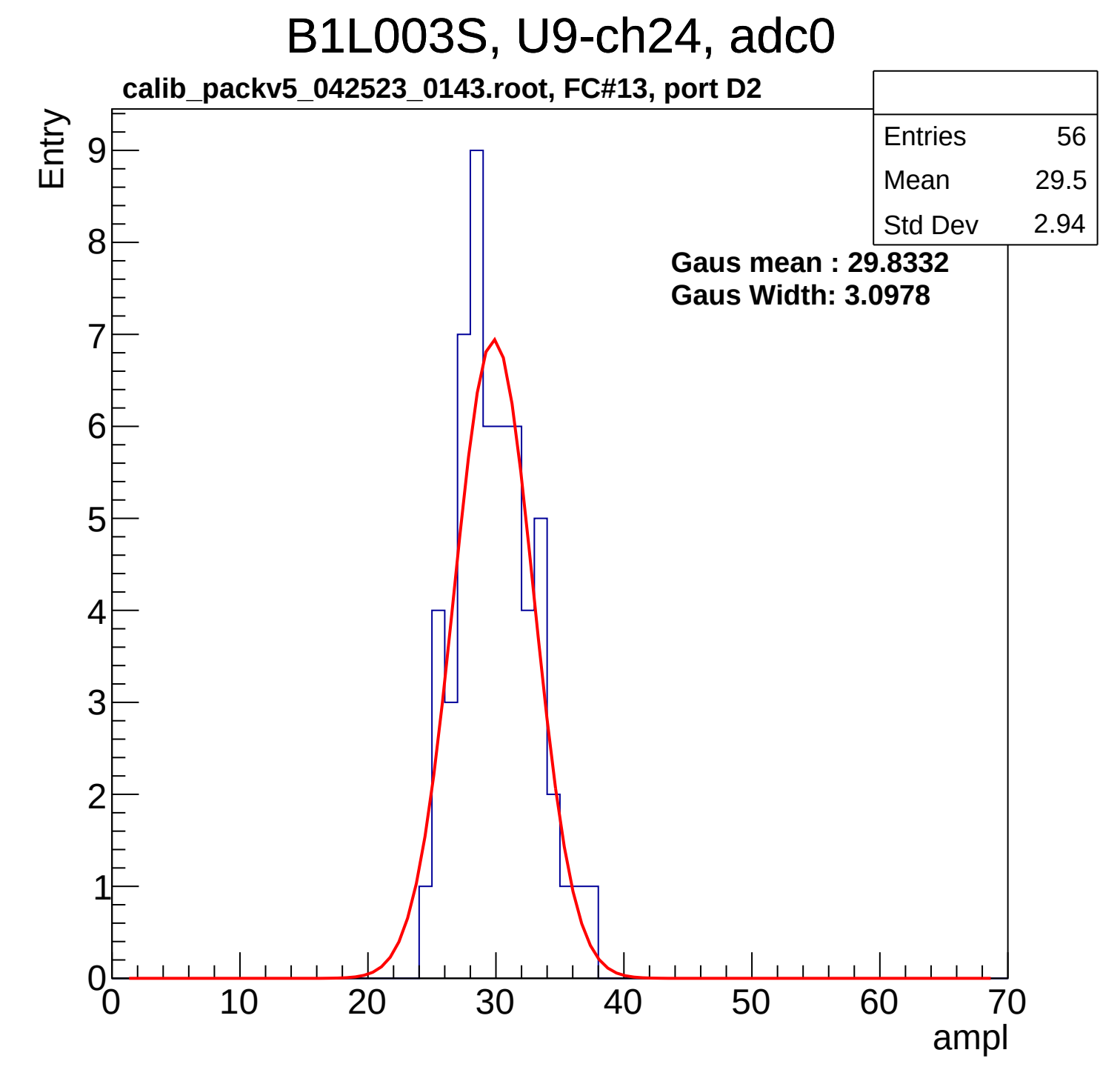
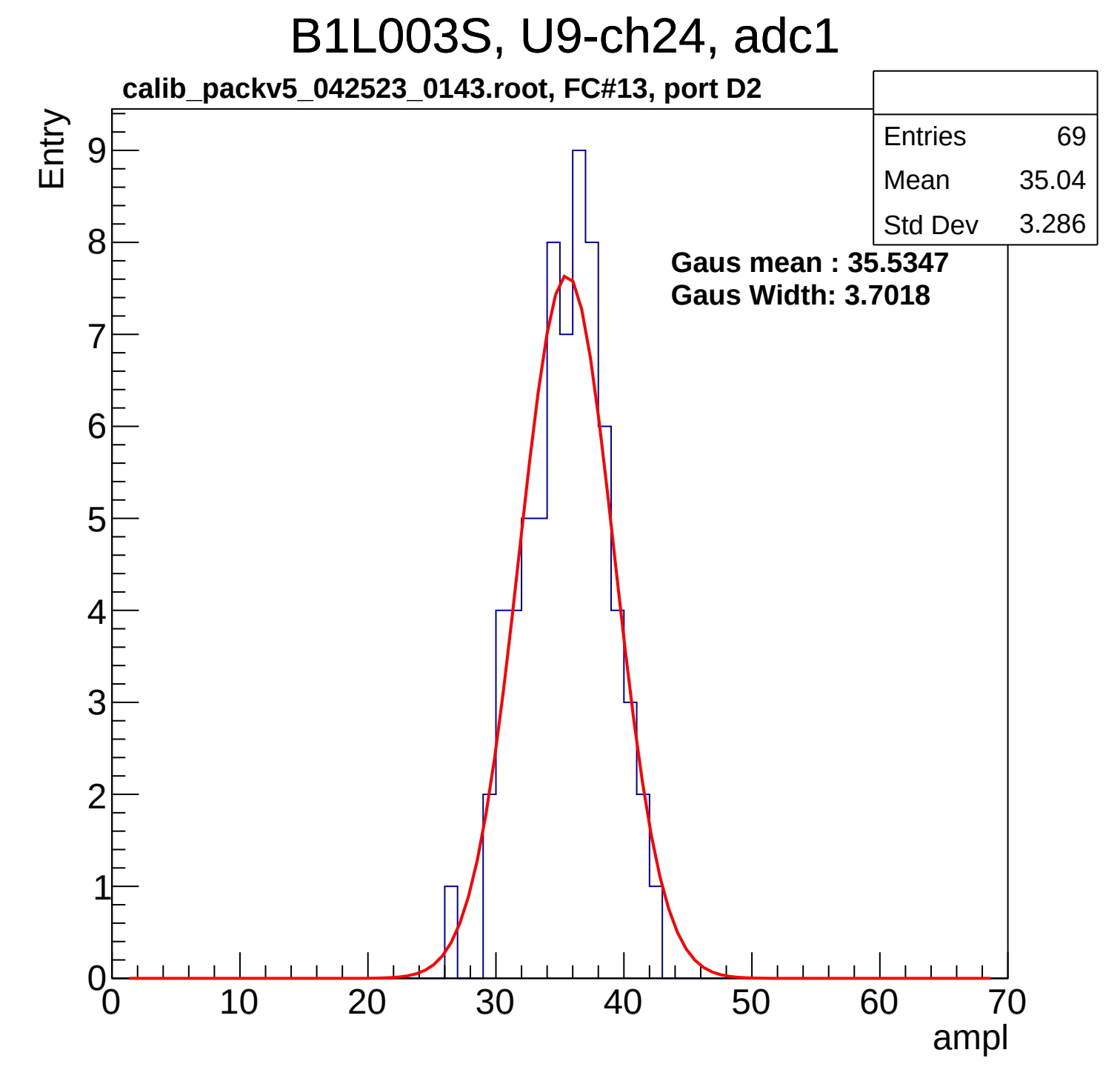
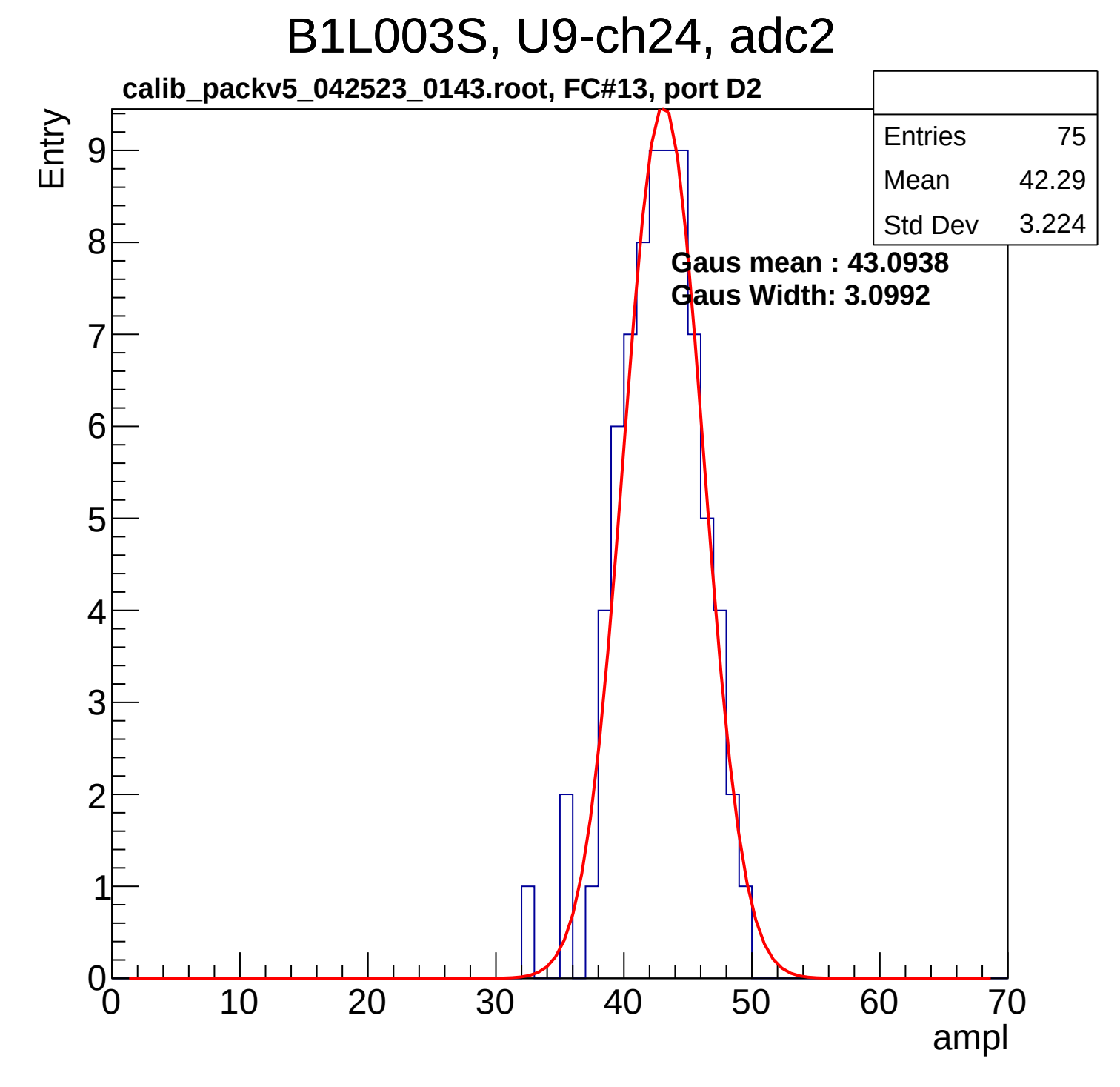

B1L003S, U9-ch23, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 58.95
Std Dev 9.509
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

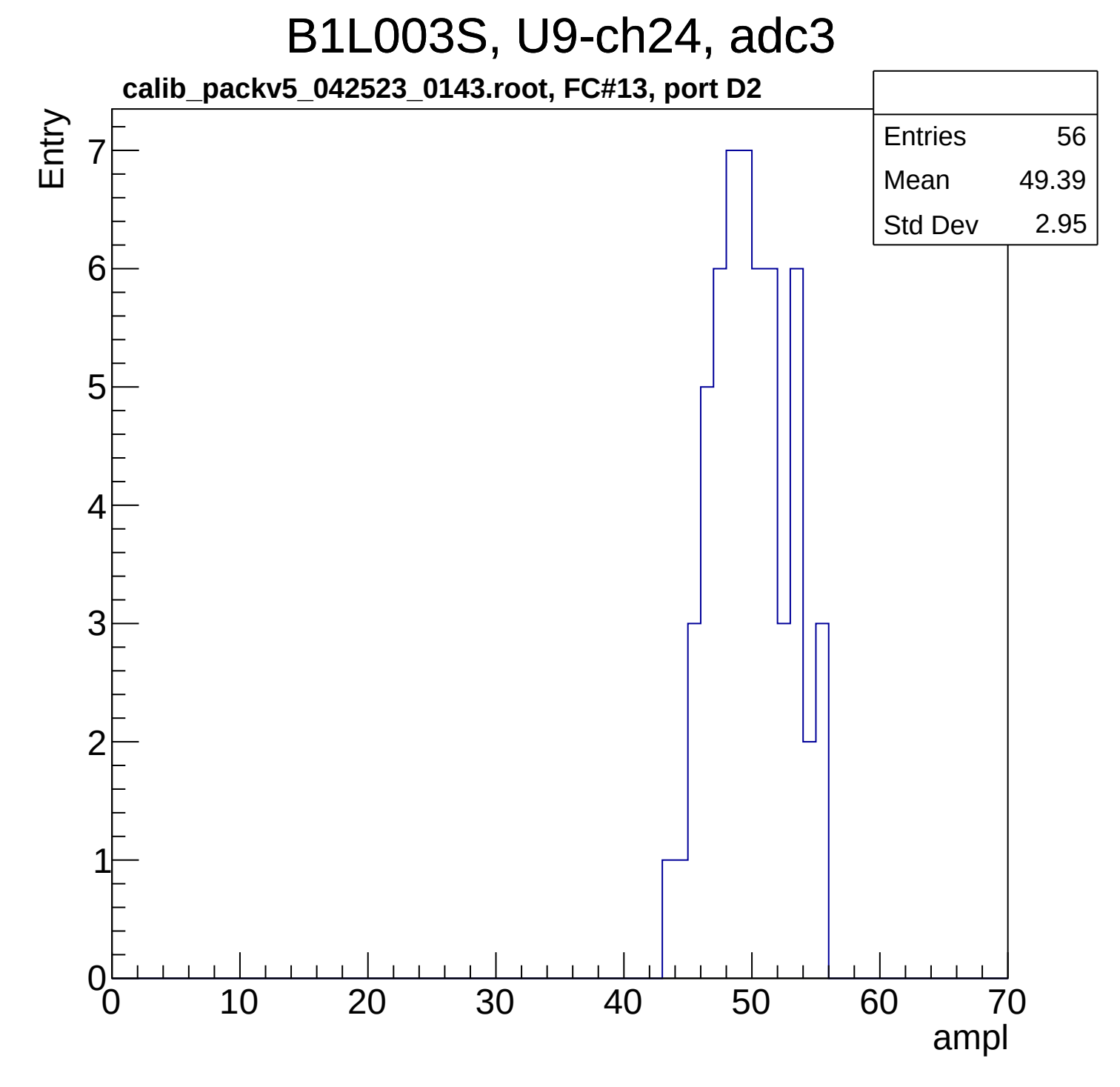

B1L003S, U9-ch23, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

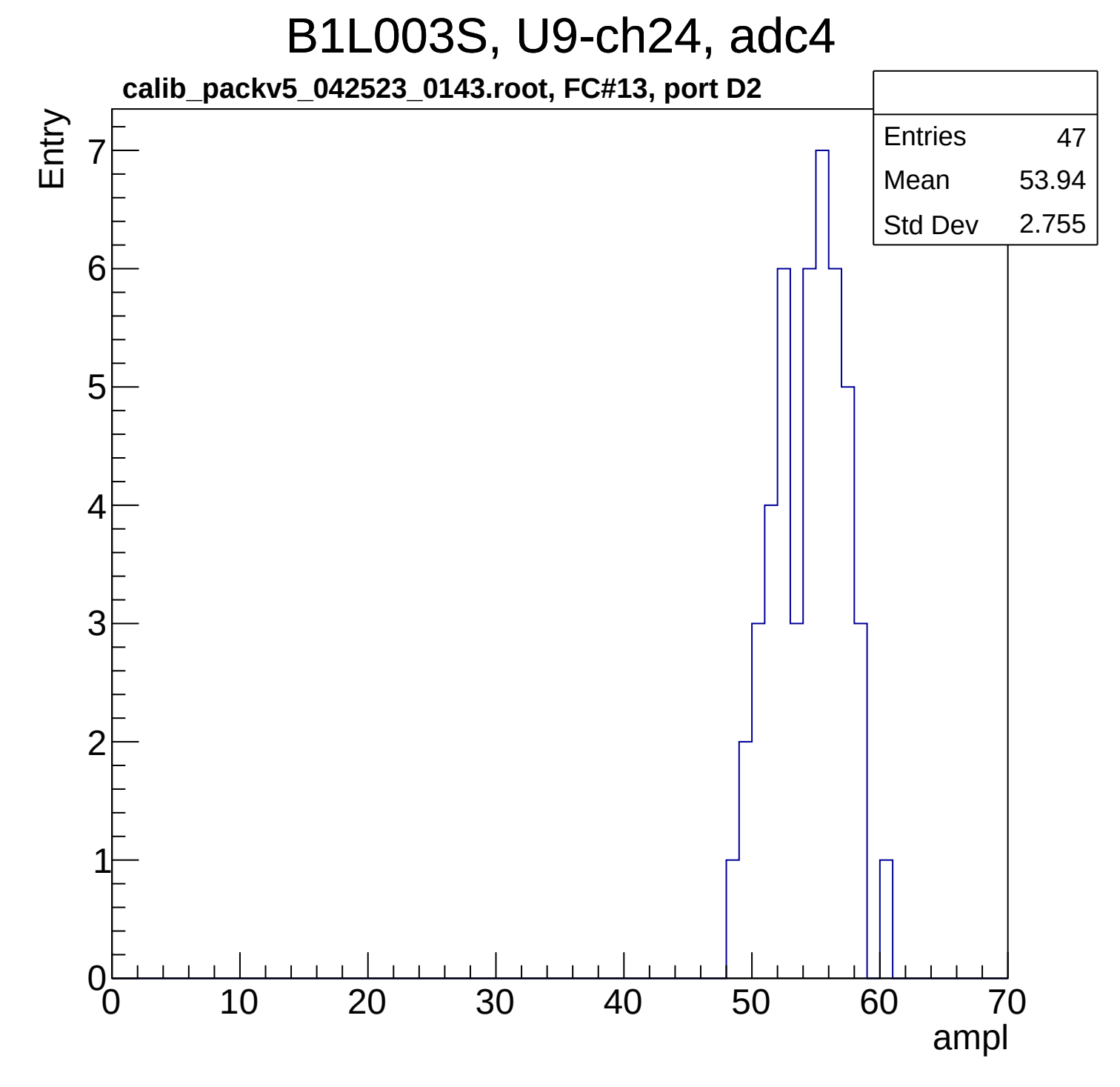

B1L003S, U9-ch23, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

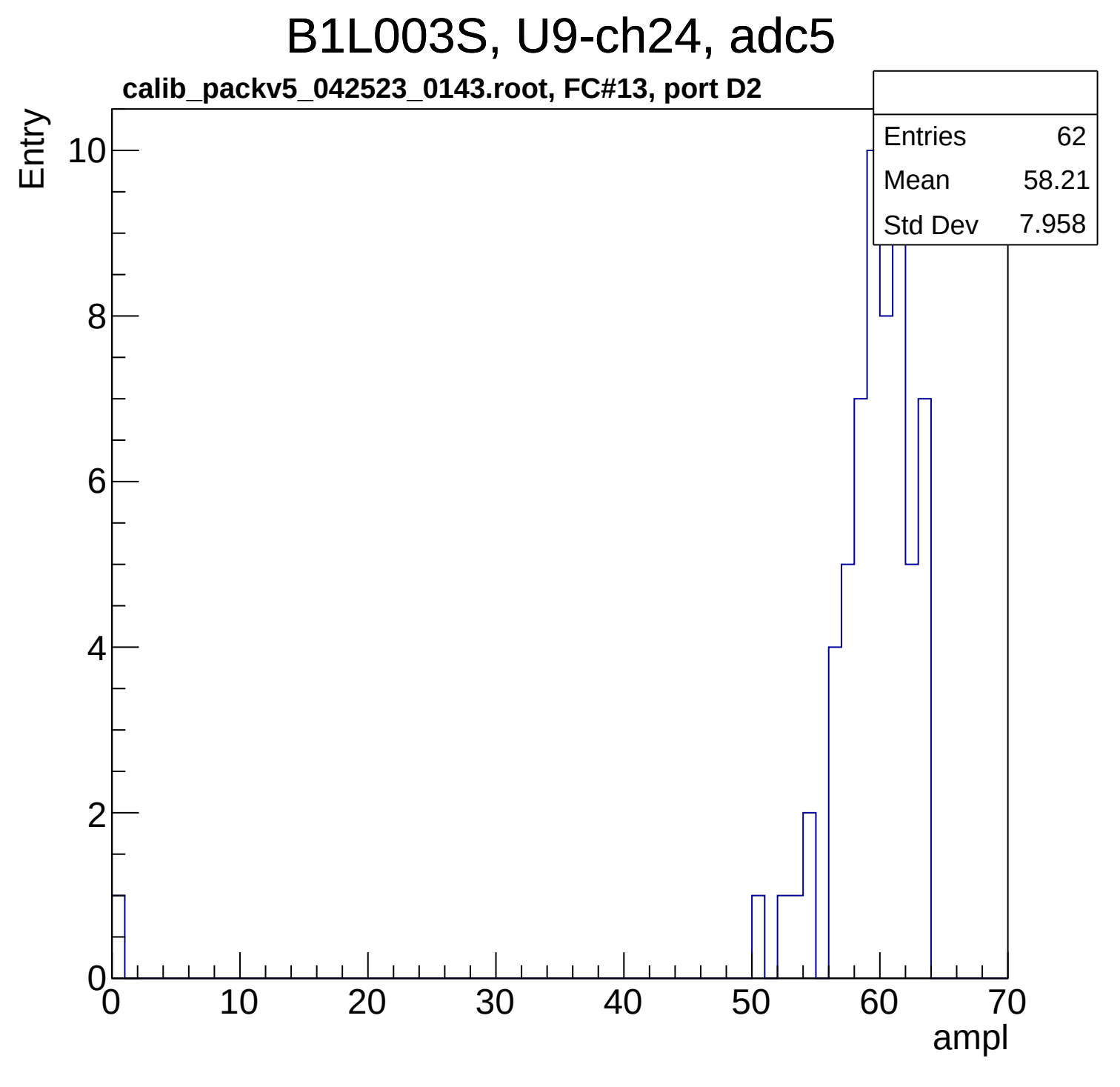

B1L003S, U9-ch24, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 29.5
Std Dev 2.94
Gaus mean : 29.8332
Gaus Width: 3.0978
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

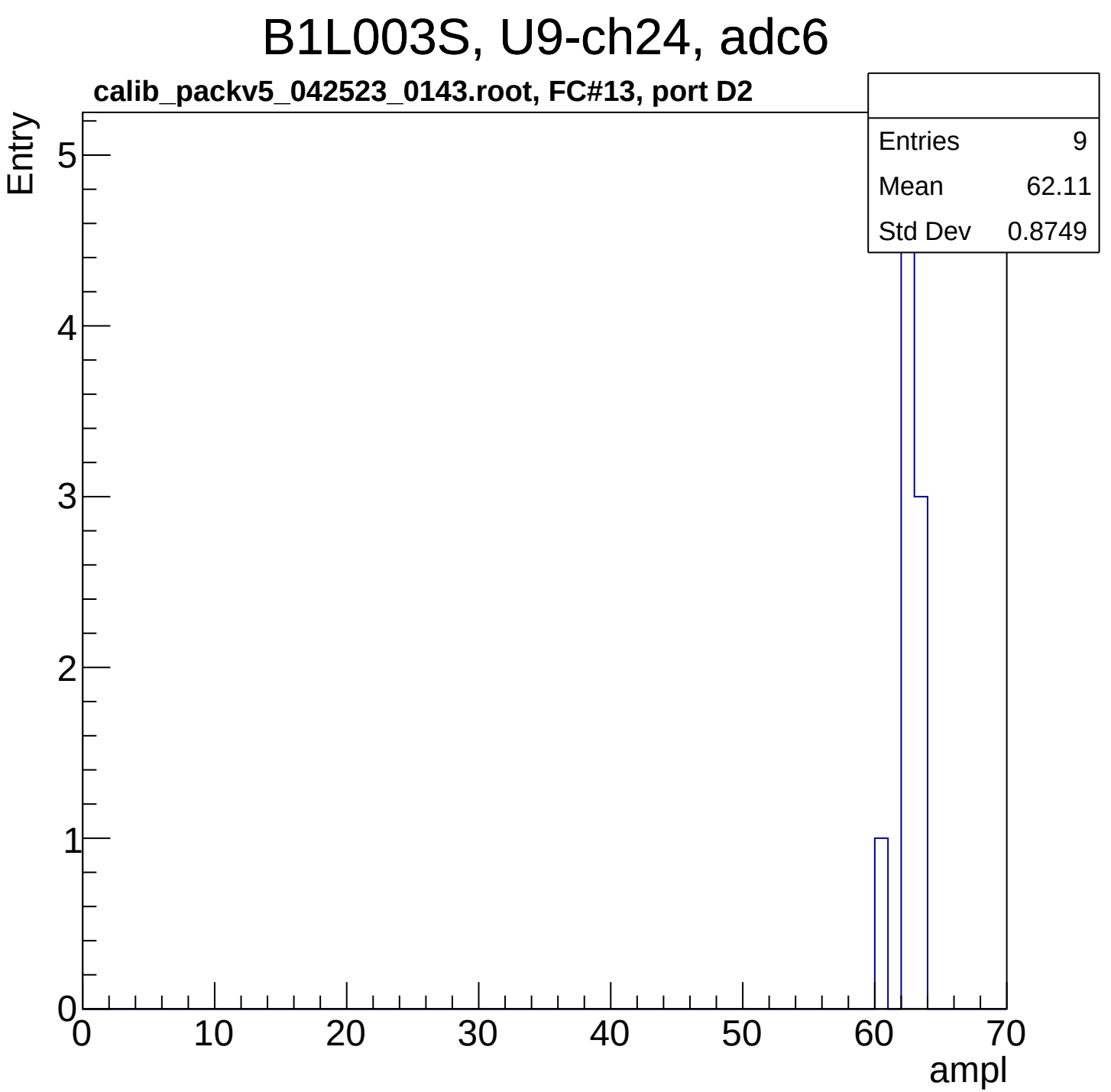

B1L003S, U9-ch24, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 35.04
Std Dev 3.286
Gaus mean : 35.5347
Gaus Width: 3.7018
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

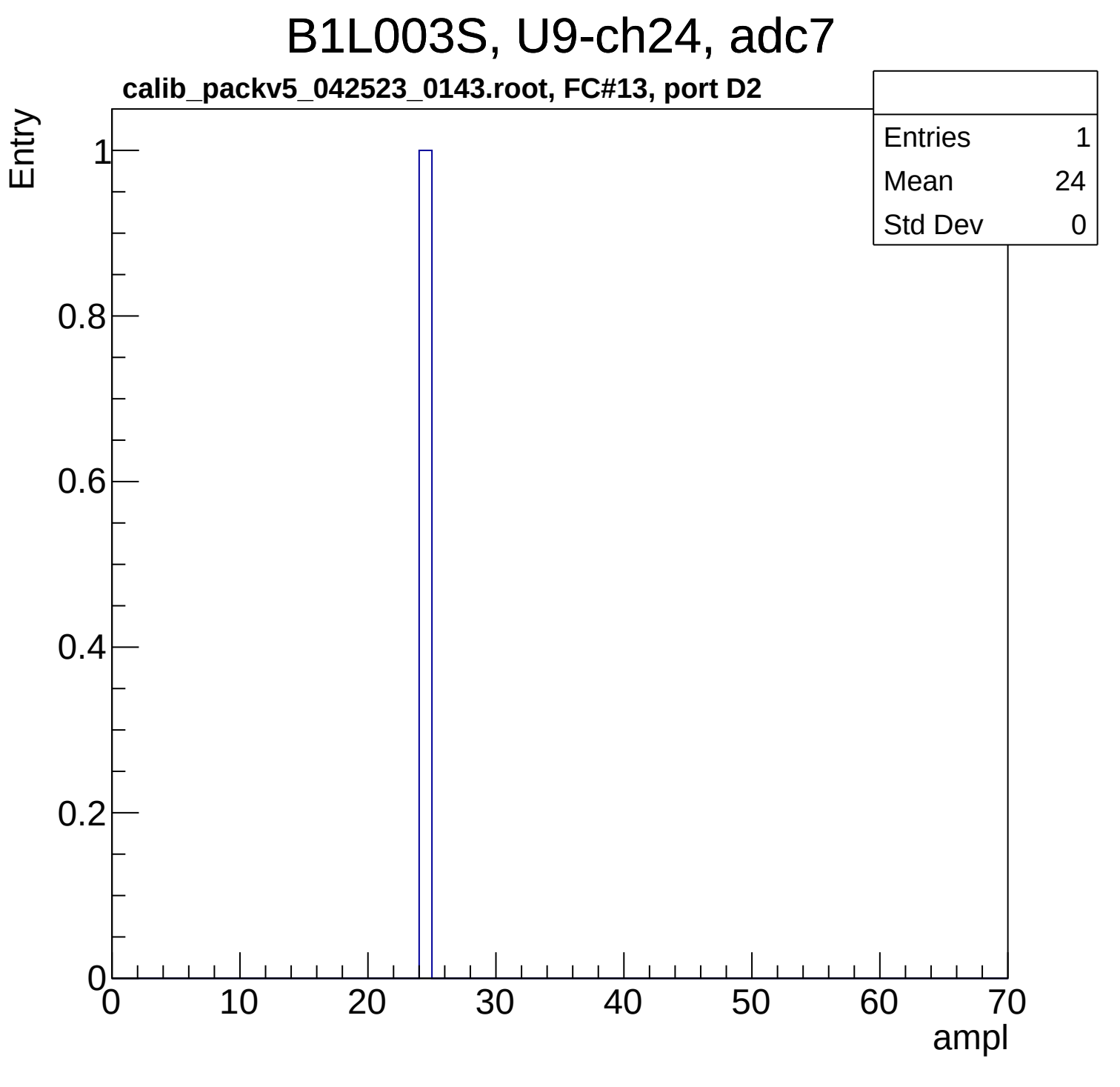

B1L003S, U9-ch24, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 42.29
Std Dev 3.224
Gaus mean : 43.0938
Gaus Width: 3.0992
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch24, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 49.39
Std Dev 2.95
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch24, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 53.94
Std Dev 2.755
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch24, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 58.21
Std Dev 7.958
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch24, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 62.11
Std Dev 0.8749
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch24, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 24
Std Dev 0
Entry
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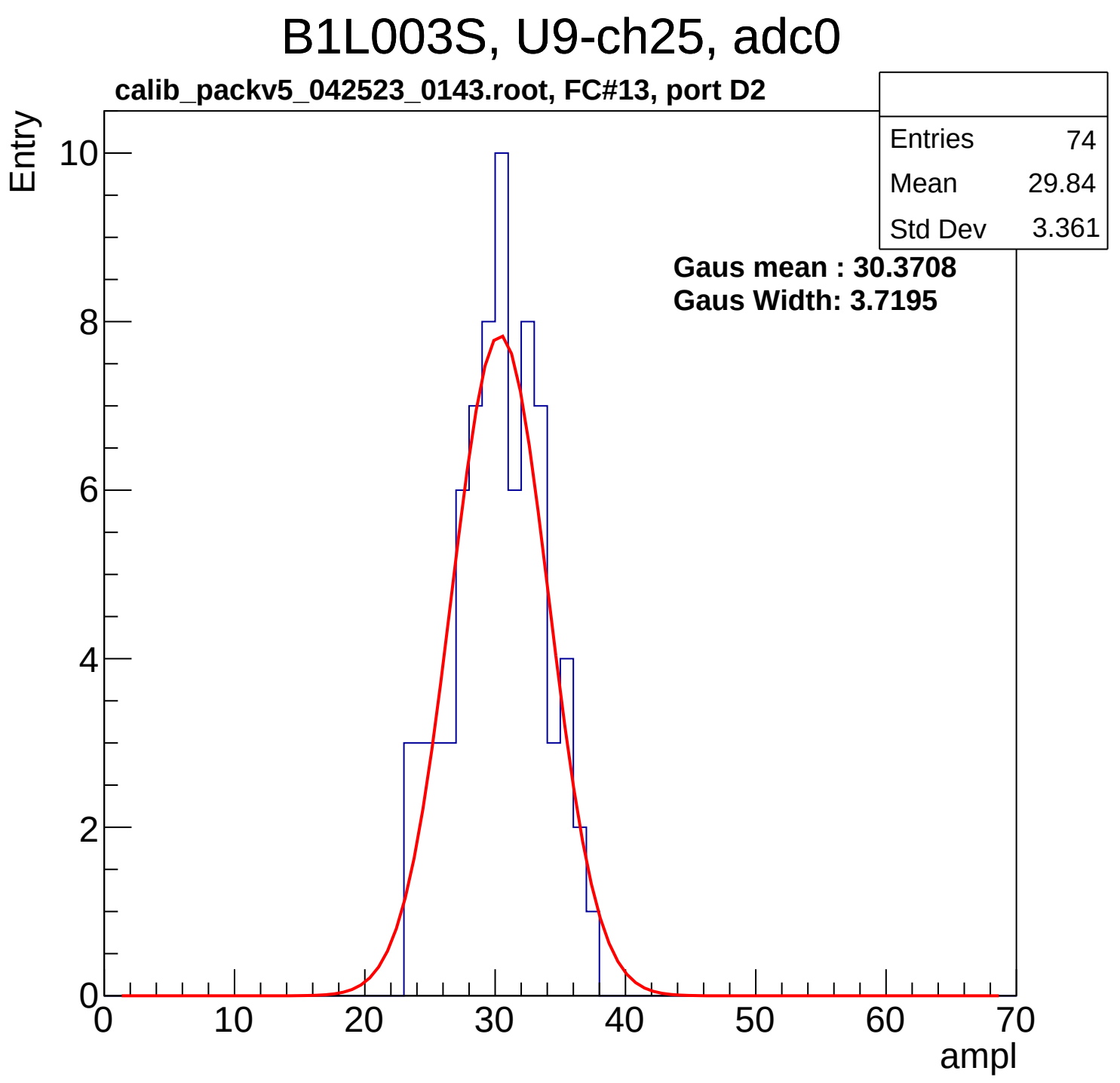
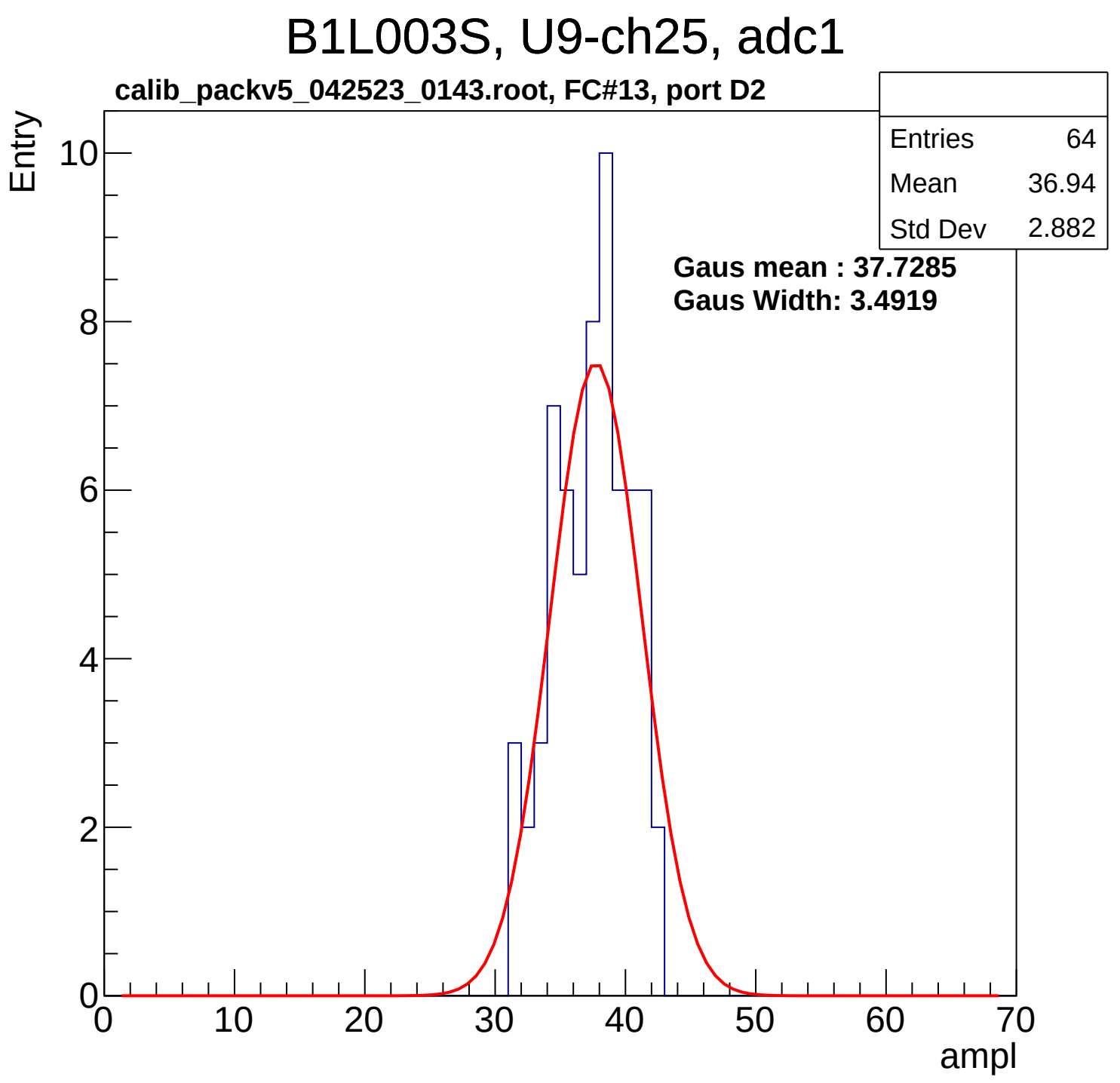
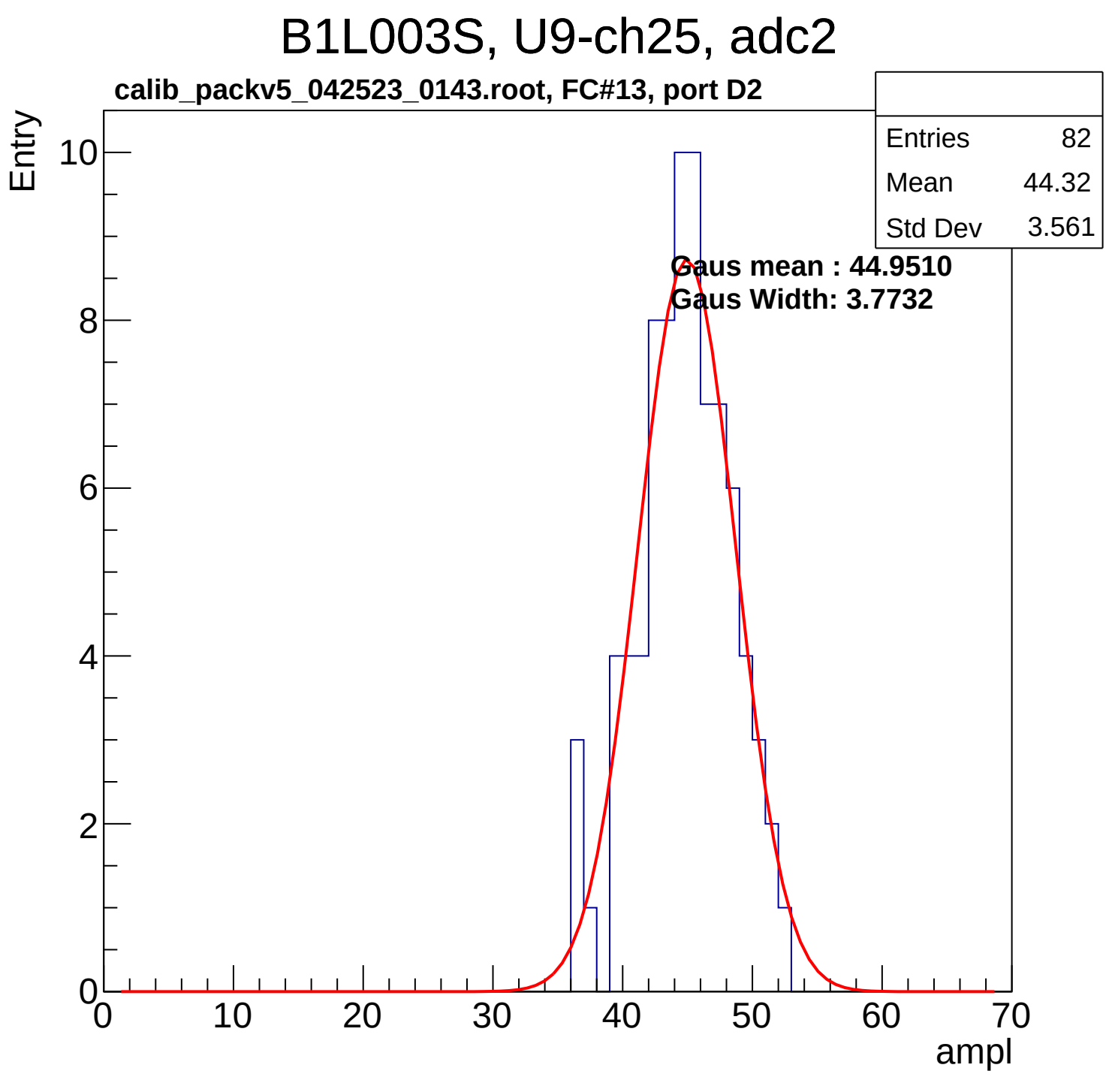
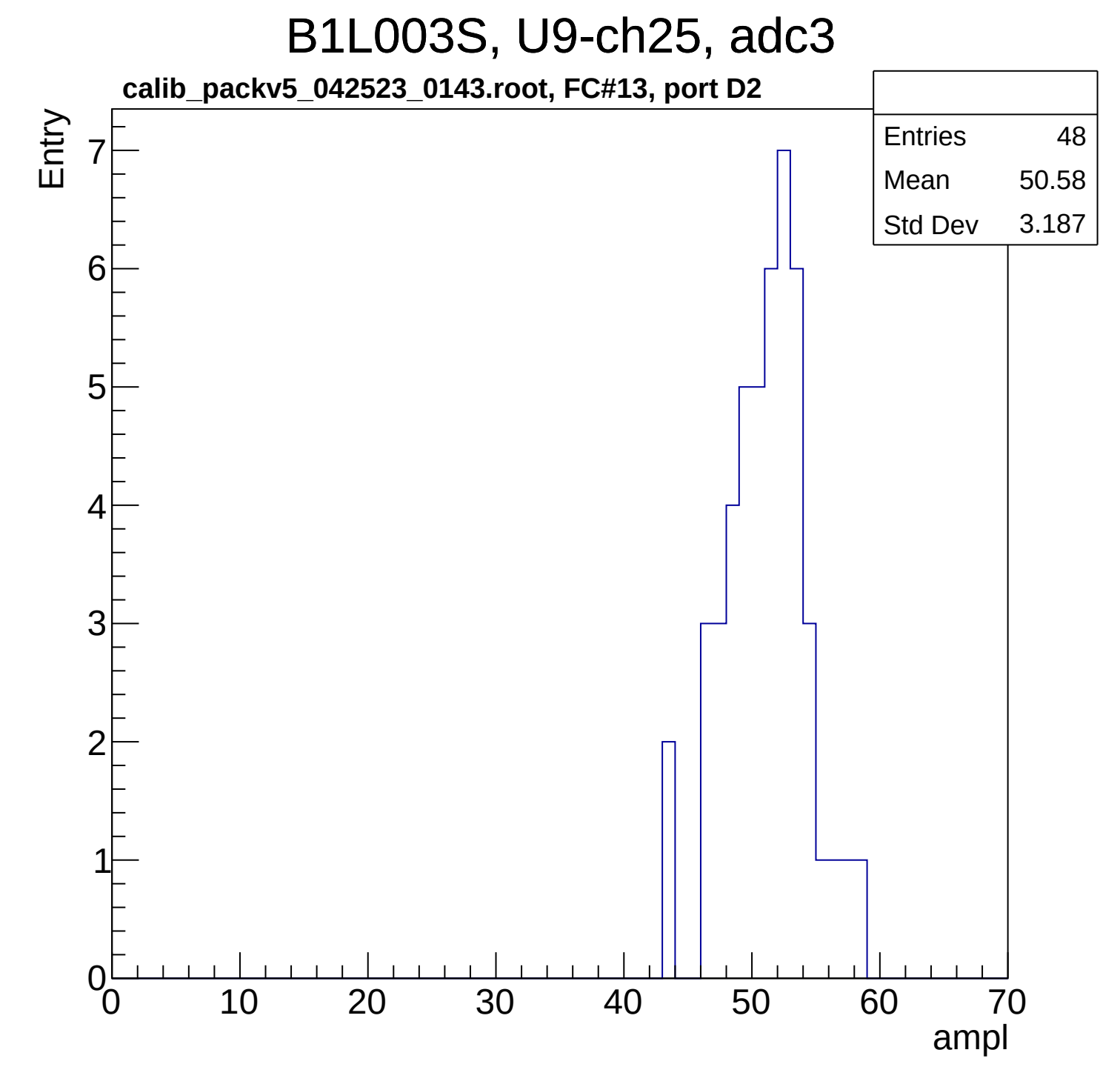
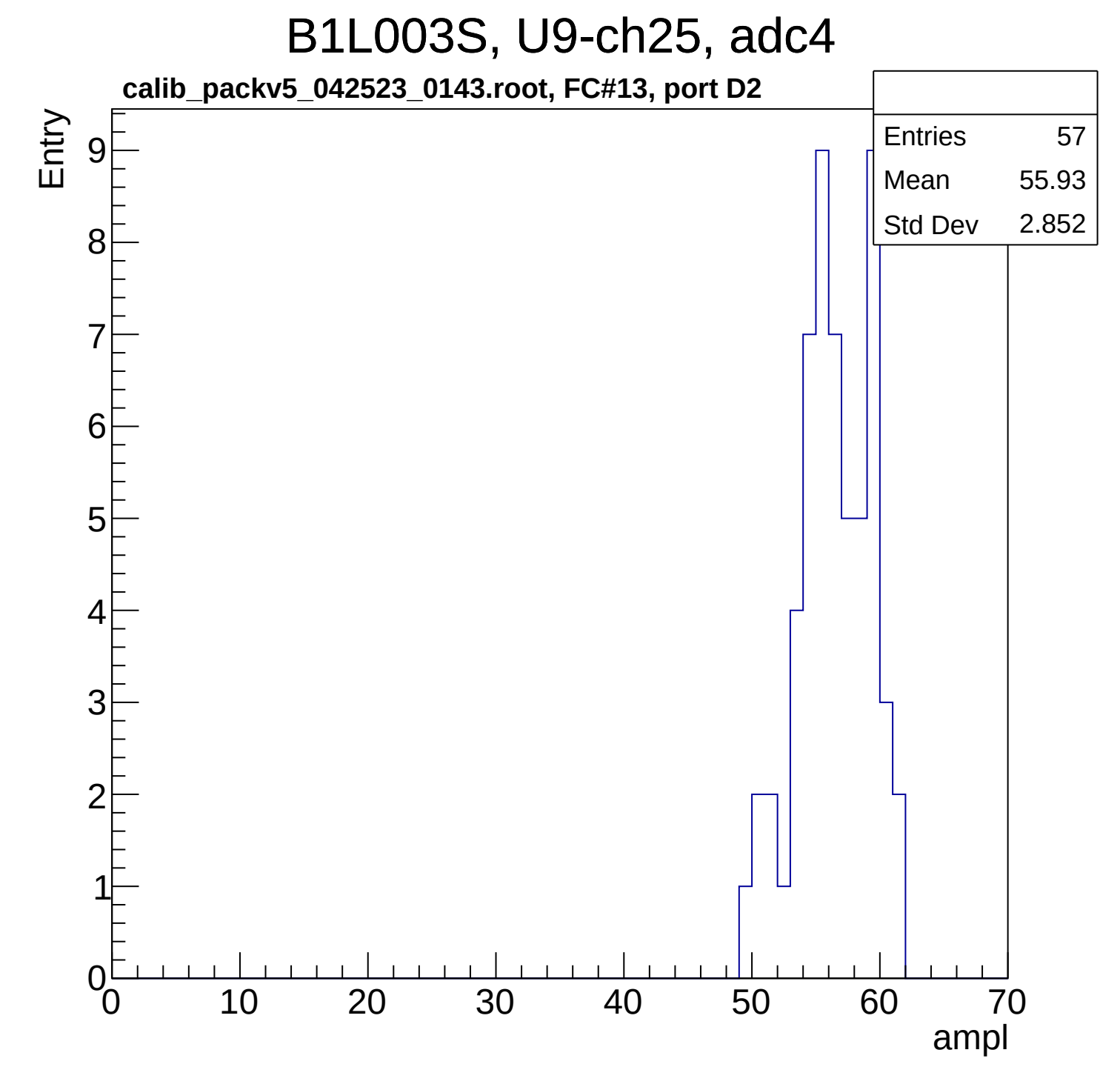
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch25, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 29.84
Std Dev 3.361
Gaus mean : 30.3708
Gaus Width: 3.7195
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch25, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 36.94
Std Dev 2.882
Gaus mean : 37.7285
Gaus Width: 3.4919
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch25, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 44.32
Std Dev 3.561
Gaus mean : 44.9510
Gaus Width: 3.7732
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch25, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 50.58
Std Dev 3.187
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch25, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 55.93
Std Dev 2.852
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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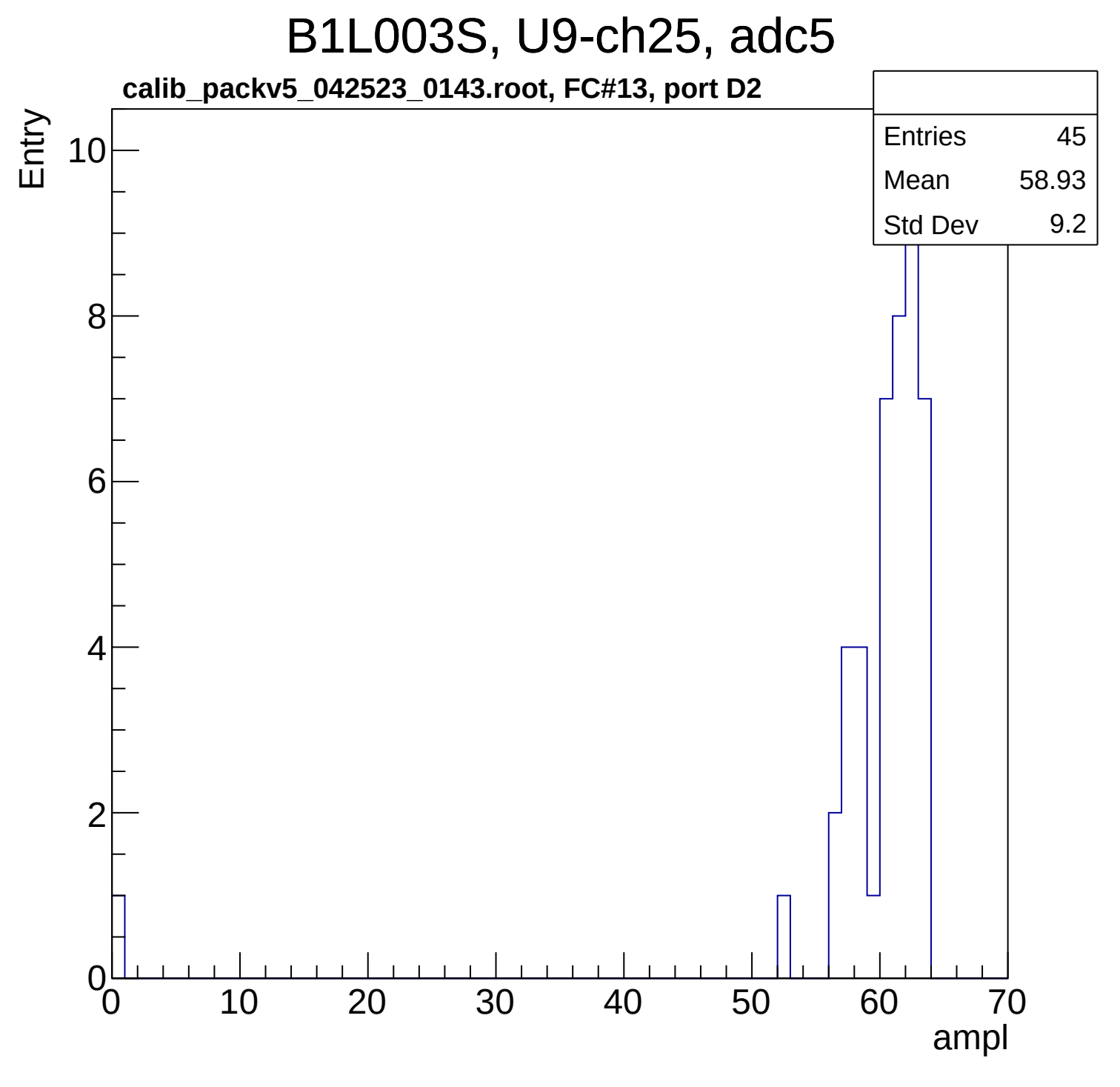
B1L003S, U9-ch25, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.93
Std Dev 9.2
Entry
0
2
4
6
8
10
0
10
20
30
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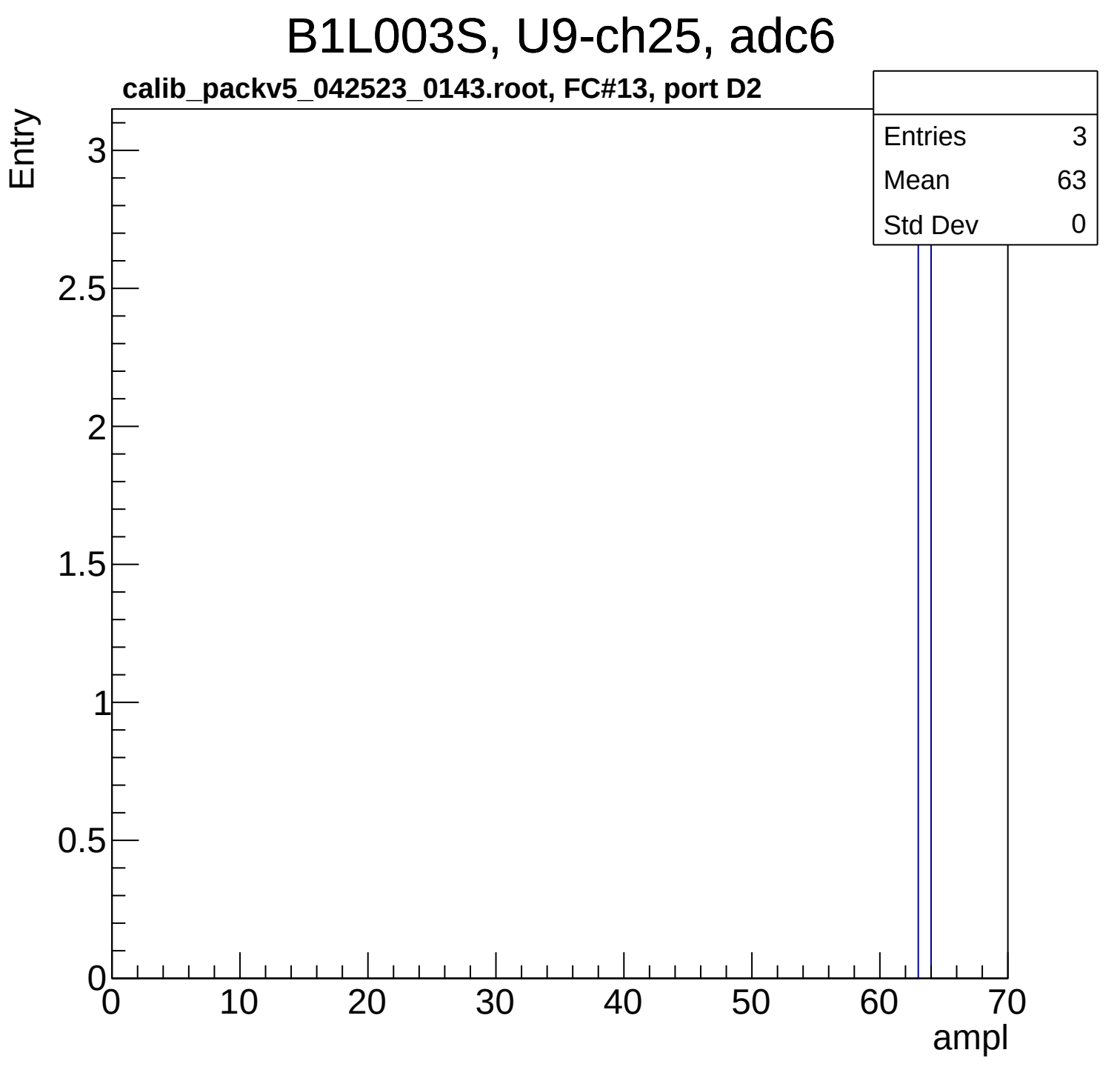
50
60
70
ampl


B1L003S, U9-ch25, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 63
Std Dev 0
Entry
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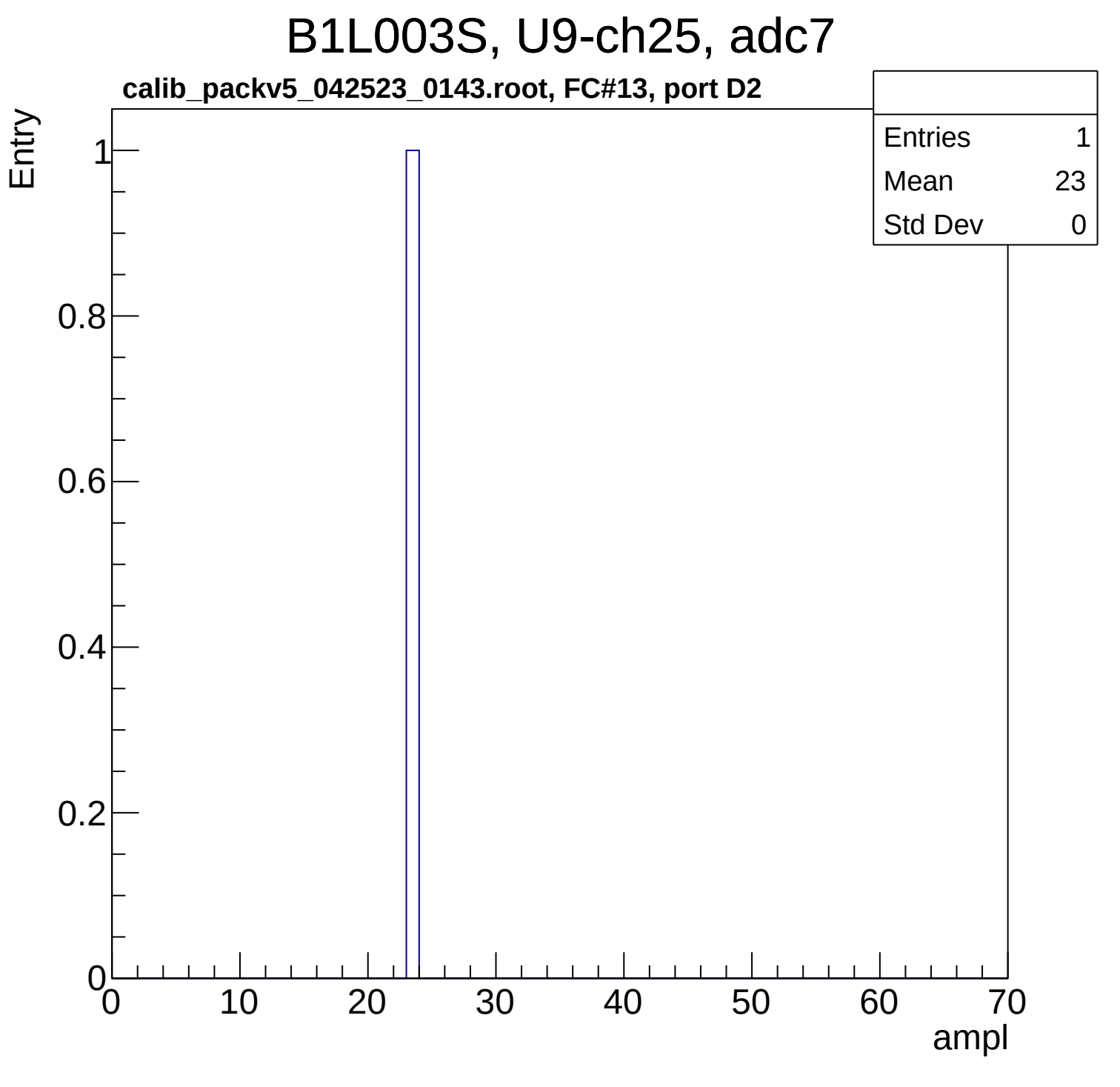
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch25, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 23
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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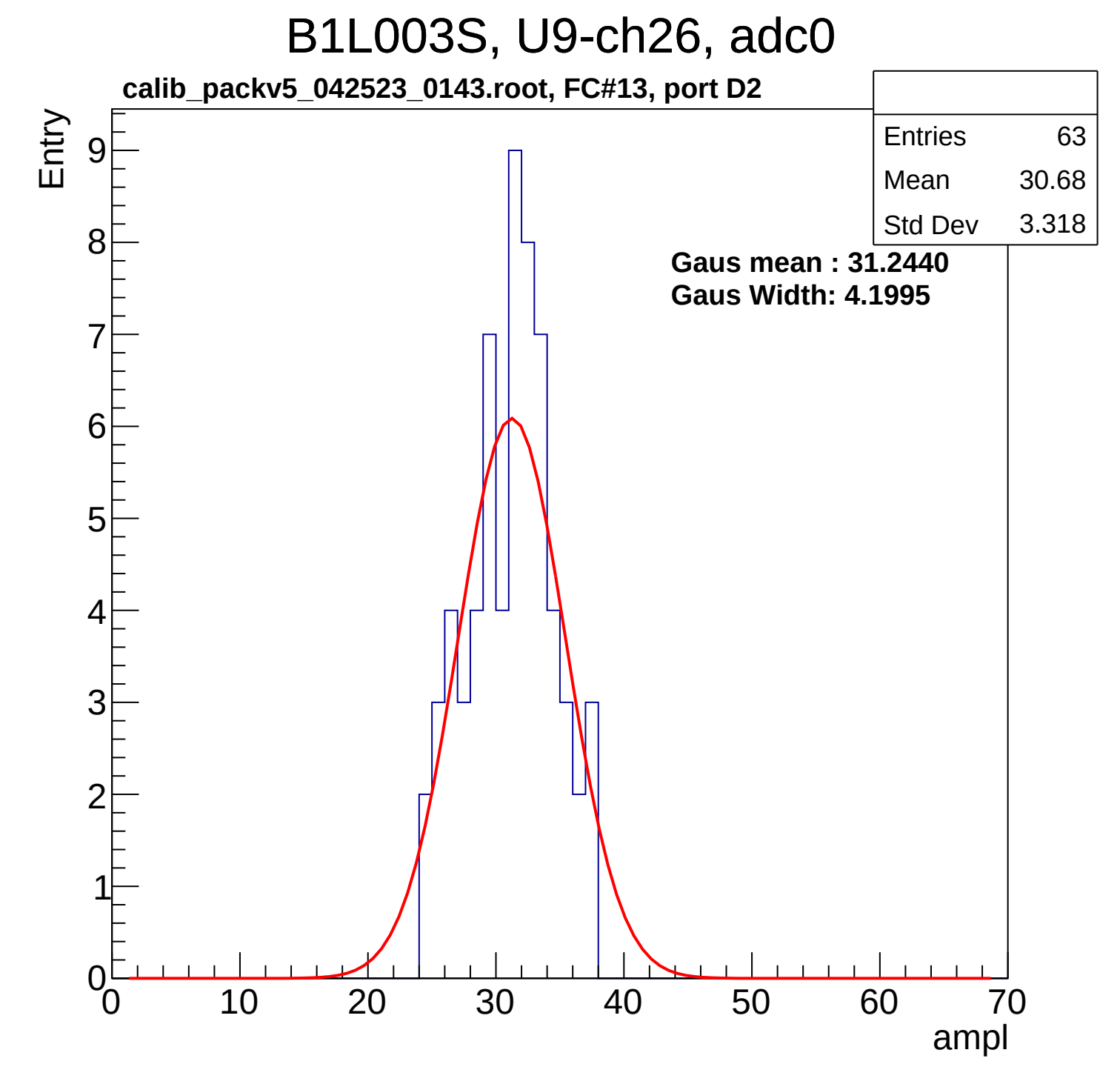
30
40
50
60
70
ampl


B1L003S, U9-ch26, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 30.68
Std Dev 3.318
Gaus mean : 31.2440
Gaus Width: 4.1995
Entry
ampl
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2
3
4
5
6
7
8
9
0
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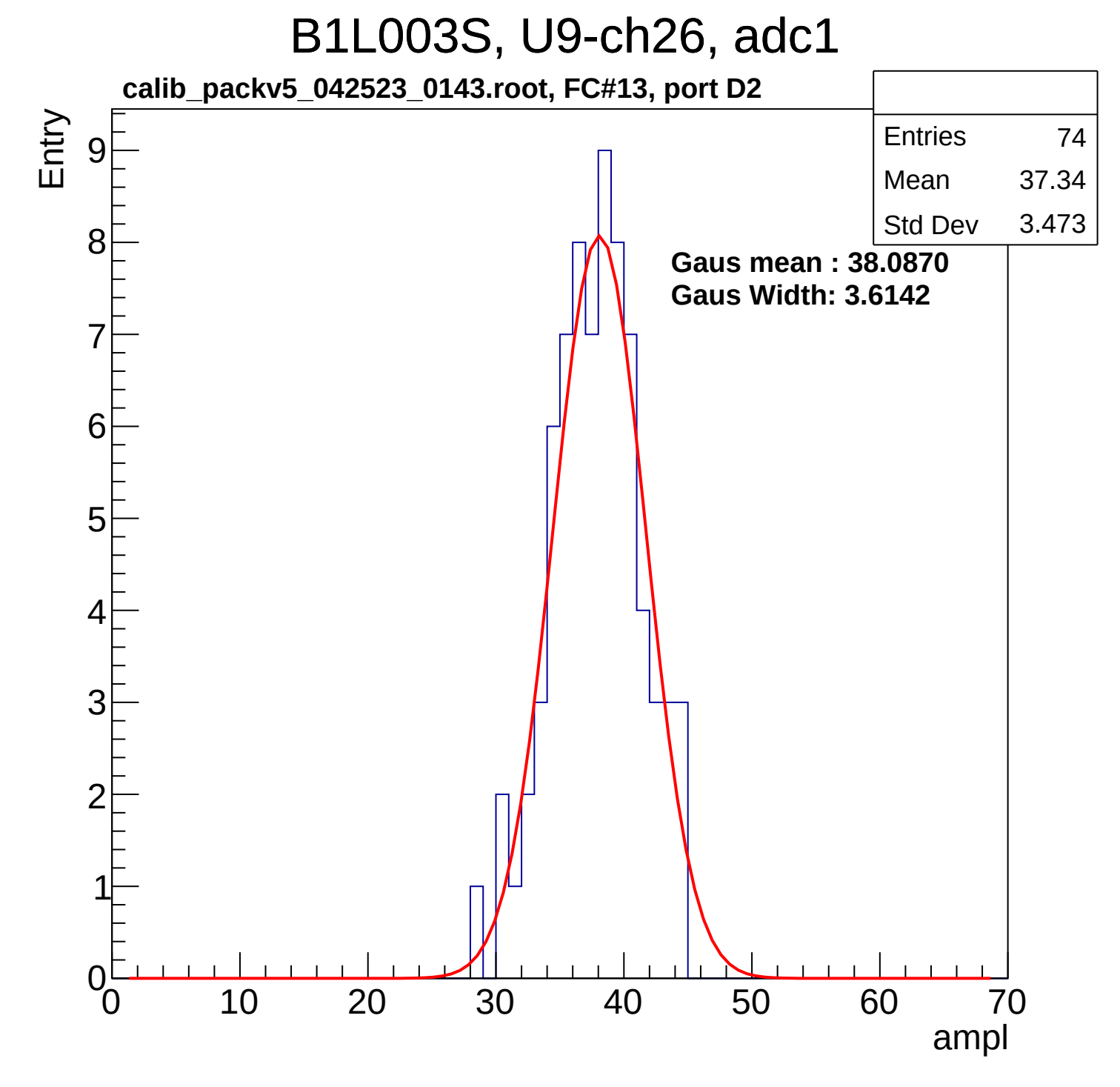
30
40
50
60
70


B1L003S, U9-ch26, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 37.34
Std Dev 3.473
Gaus mean : 38.0870
Gaus Width: 3.6142
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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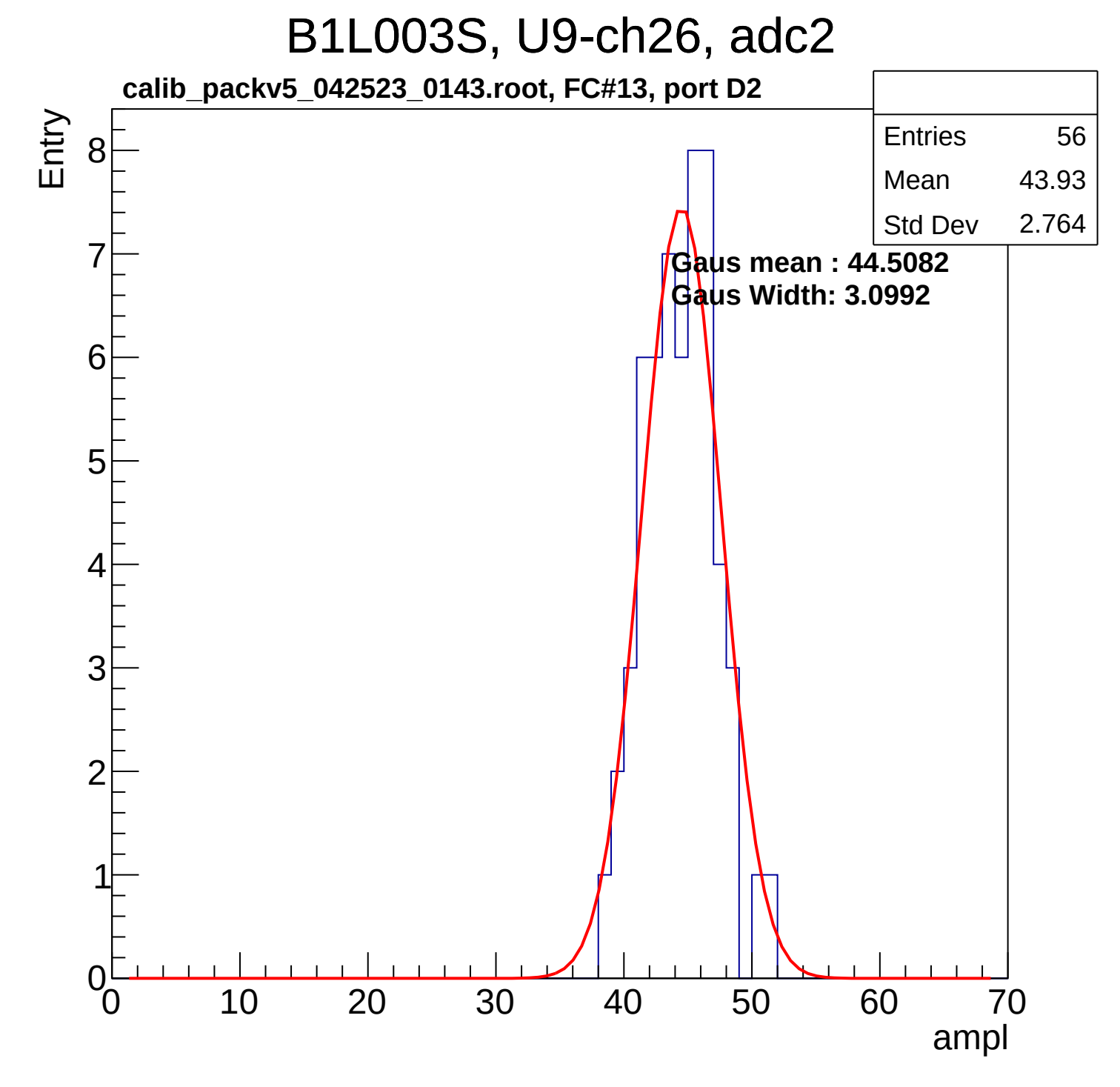
B1L003S, U9-ch26, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 43.93
Std Dev 2.764
Gaus mean : 44.5082
Gaus Width: 3.0992
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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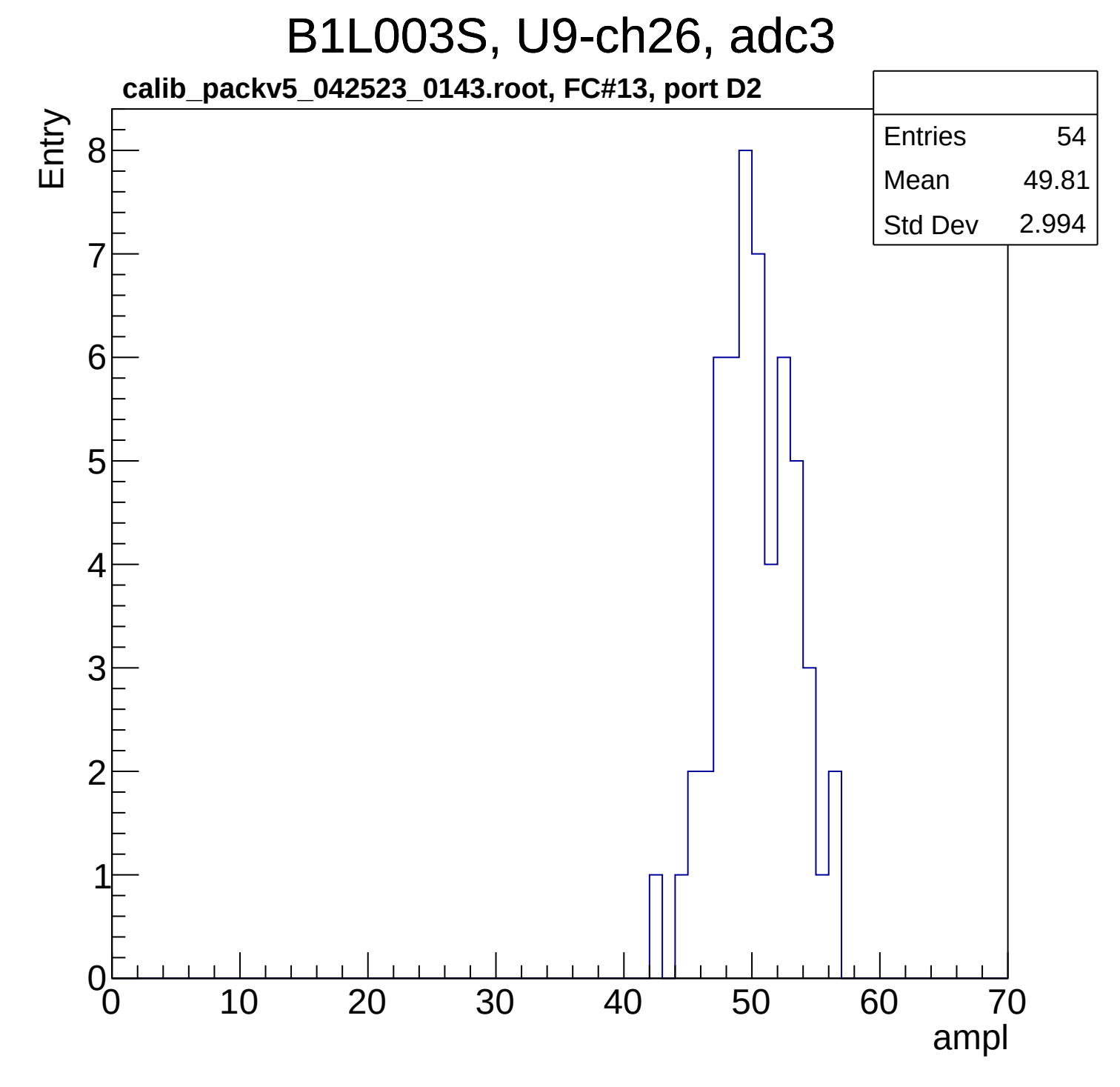
B1L003S, U9-ch26, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 49.81
Std Dev 2.994
Entry
ampl
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1
2
3
4
5
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7
8
0
10
20
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40
50
60
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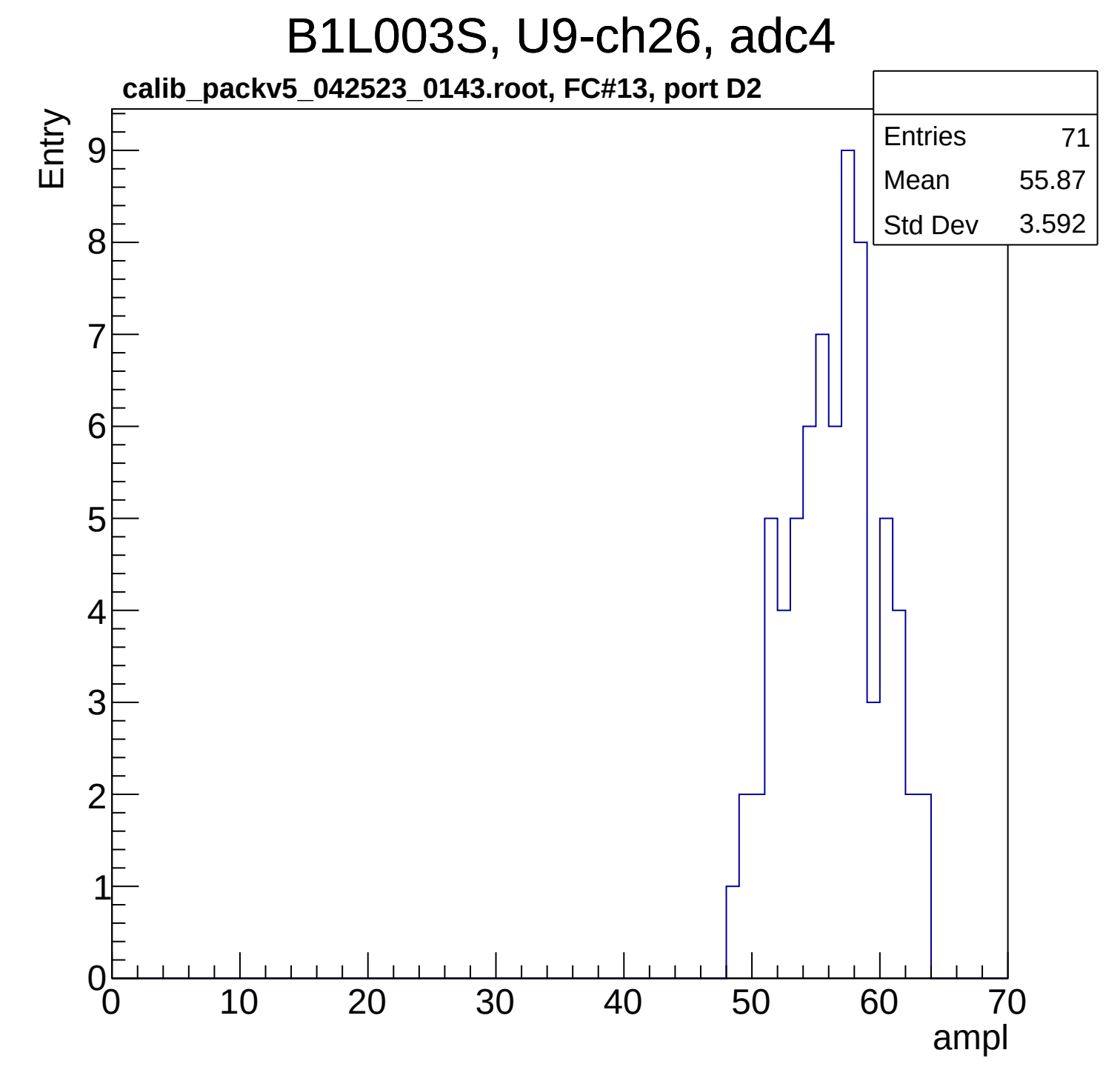
B1L003S, U9-ch26, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 55.87
Std Dev 3.592
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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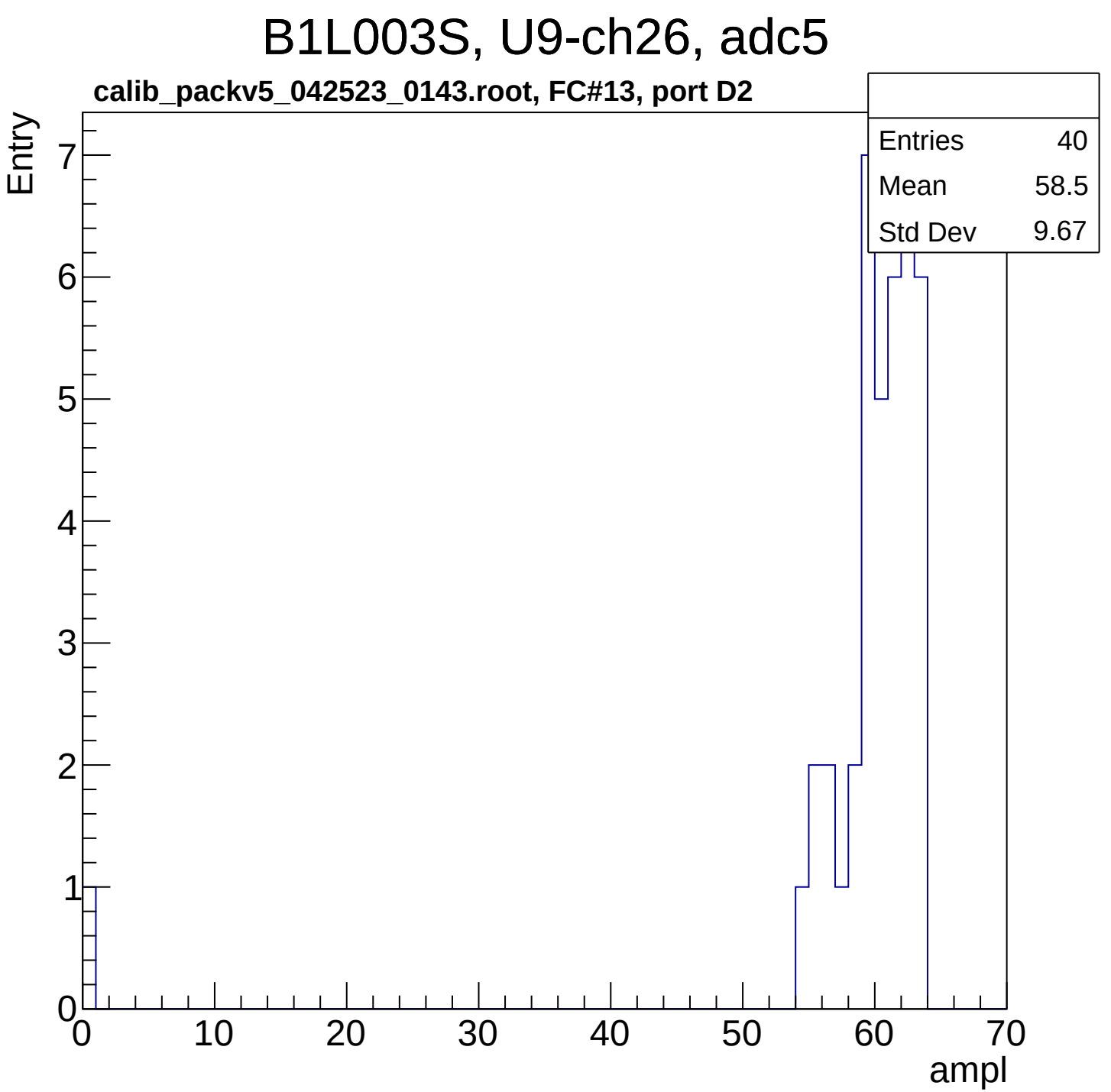
B1L003S, U9-ch26, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 58.5
Std Dev 9.67
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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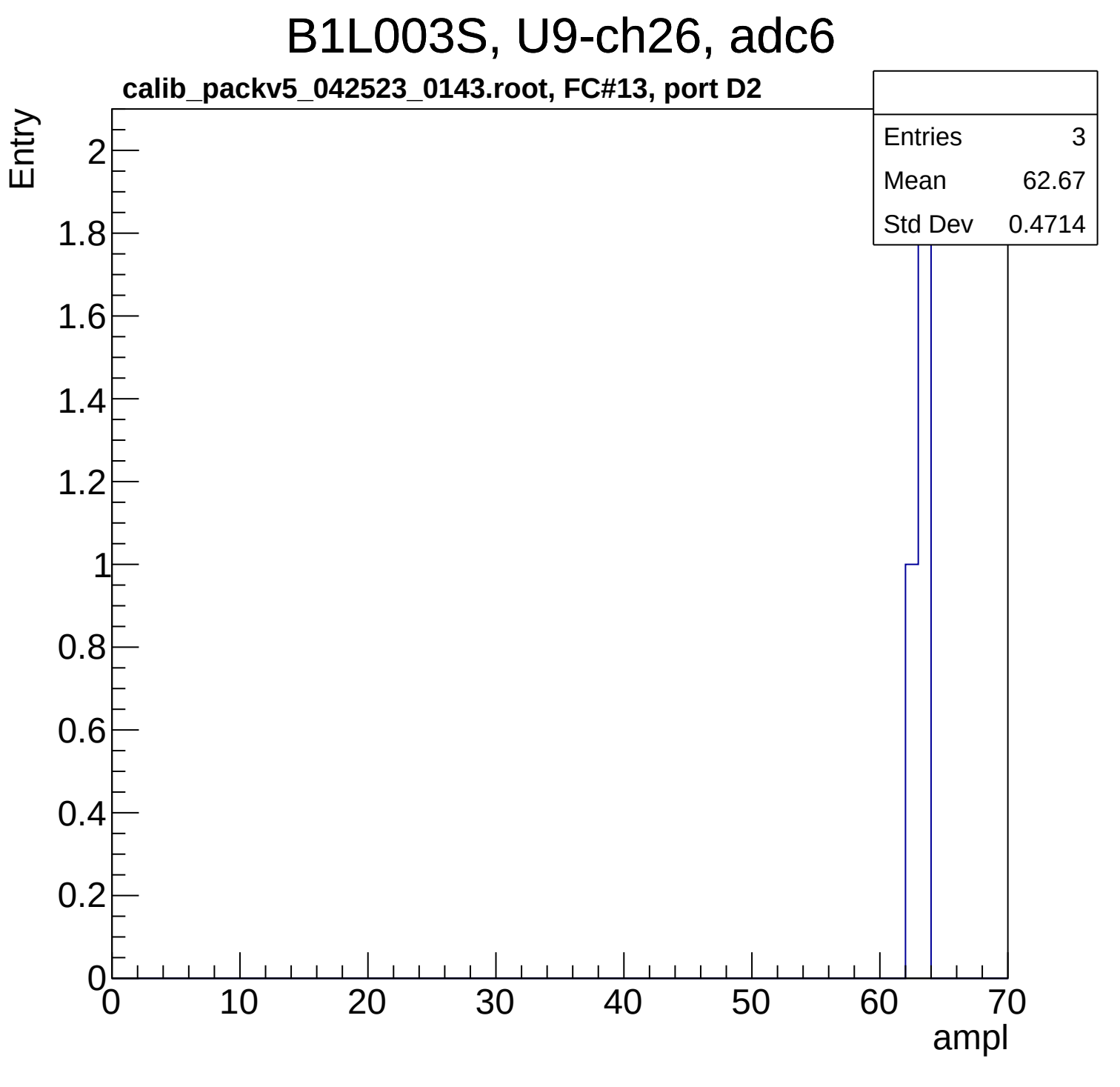
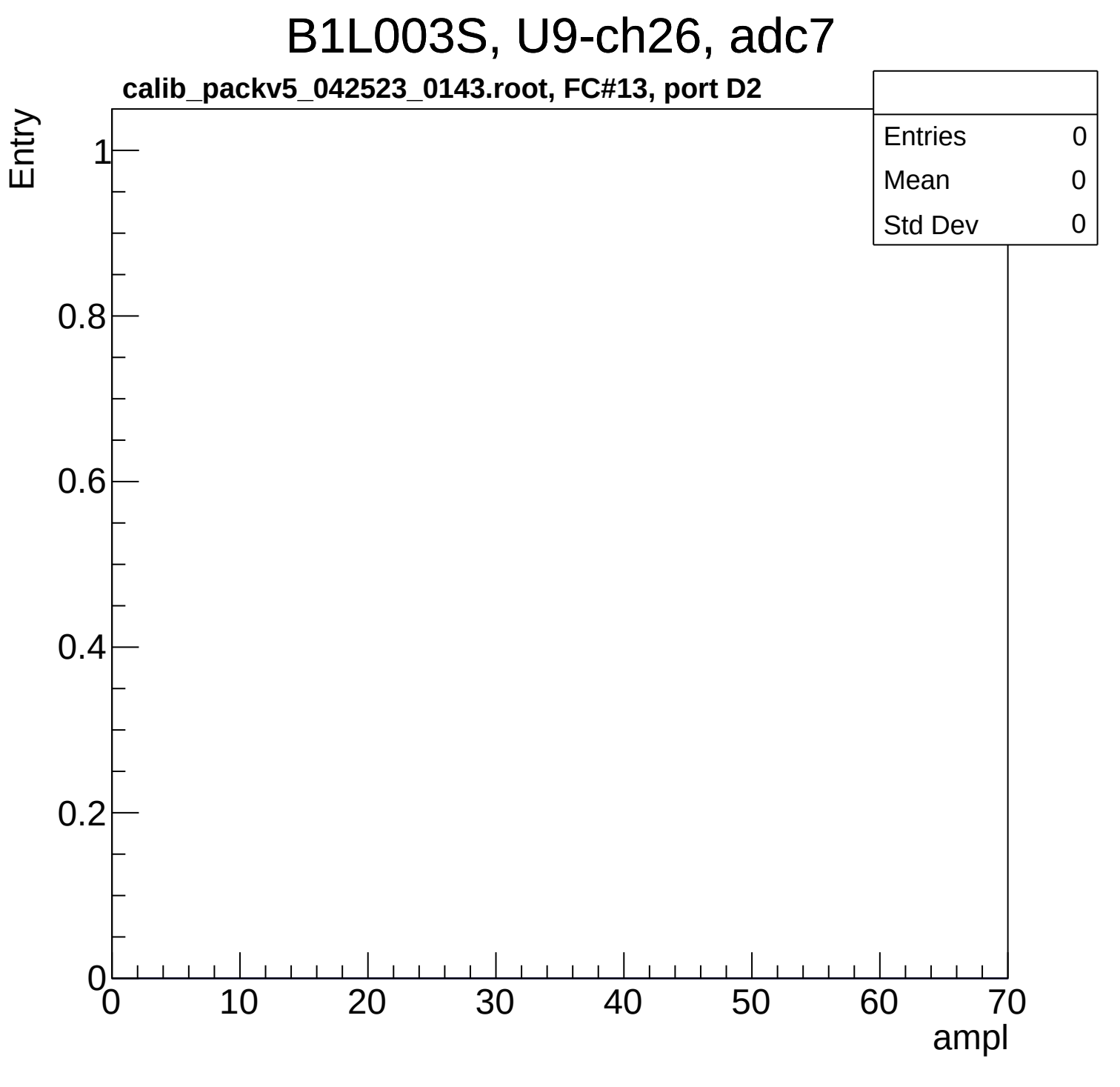
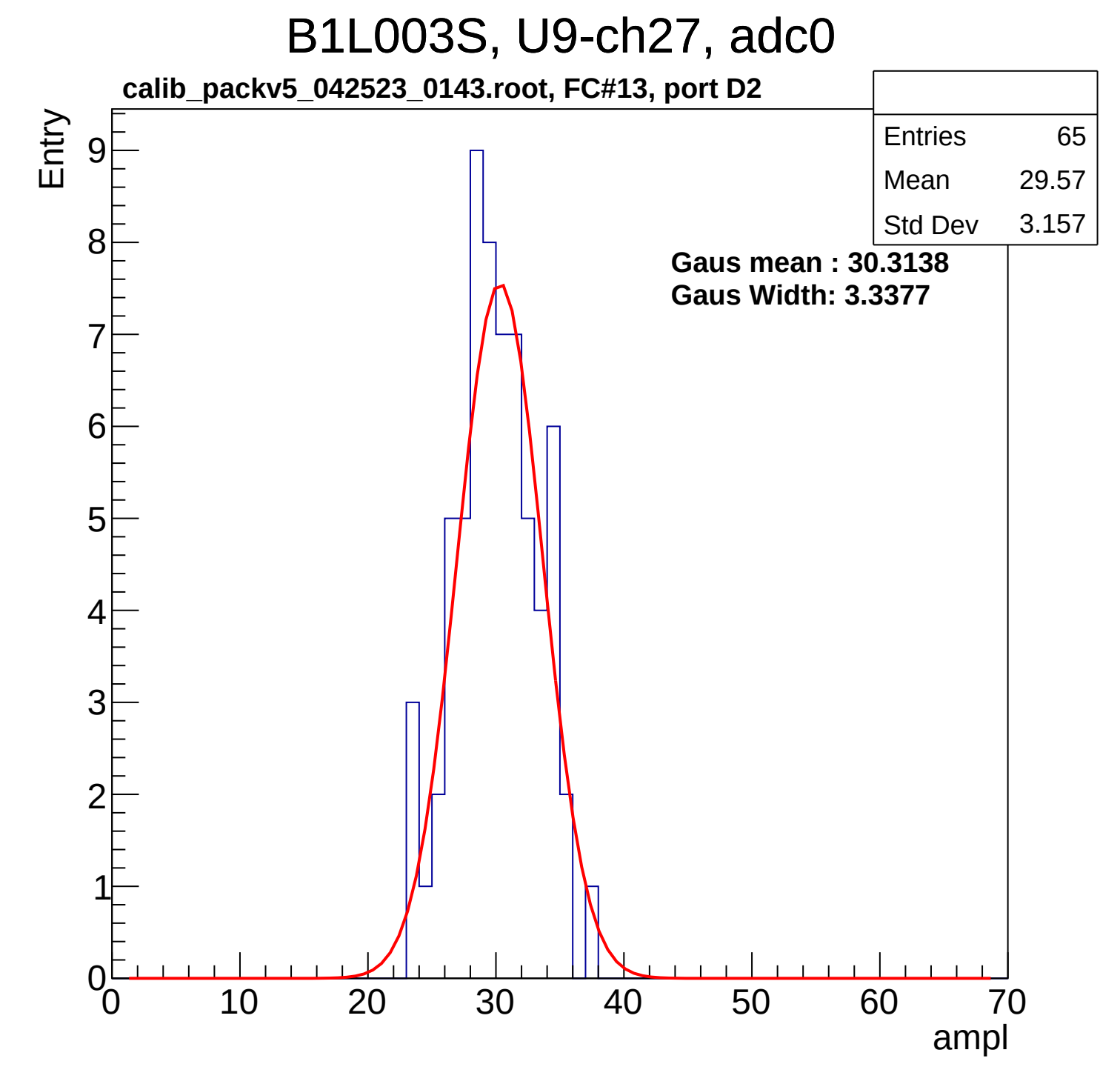

B1L003S, U9-ch26, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch26, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch27, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 29.57
Std Dev 3.157
Gaus mean : 30.3138
Gaus Width: 3.3377
Entry
ampl
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2
3
4
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6
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8
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0
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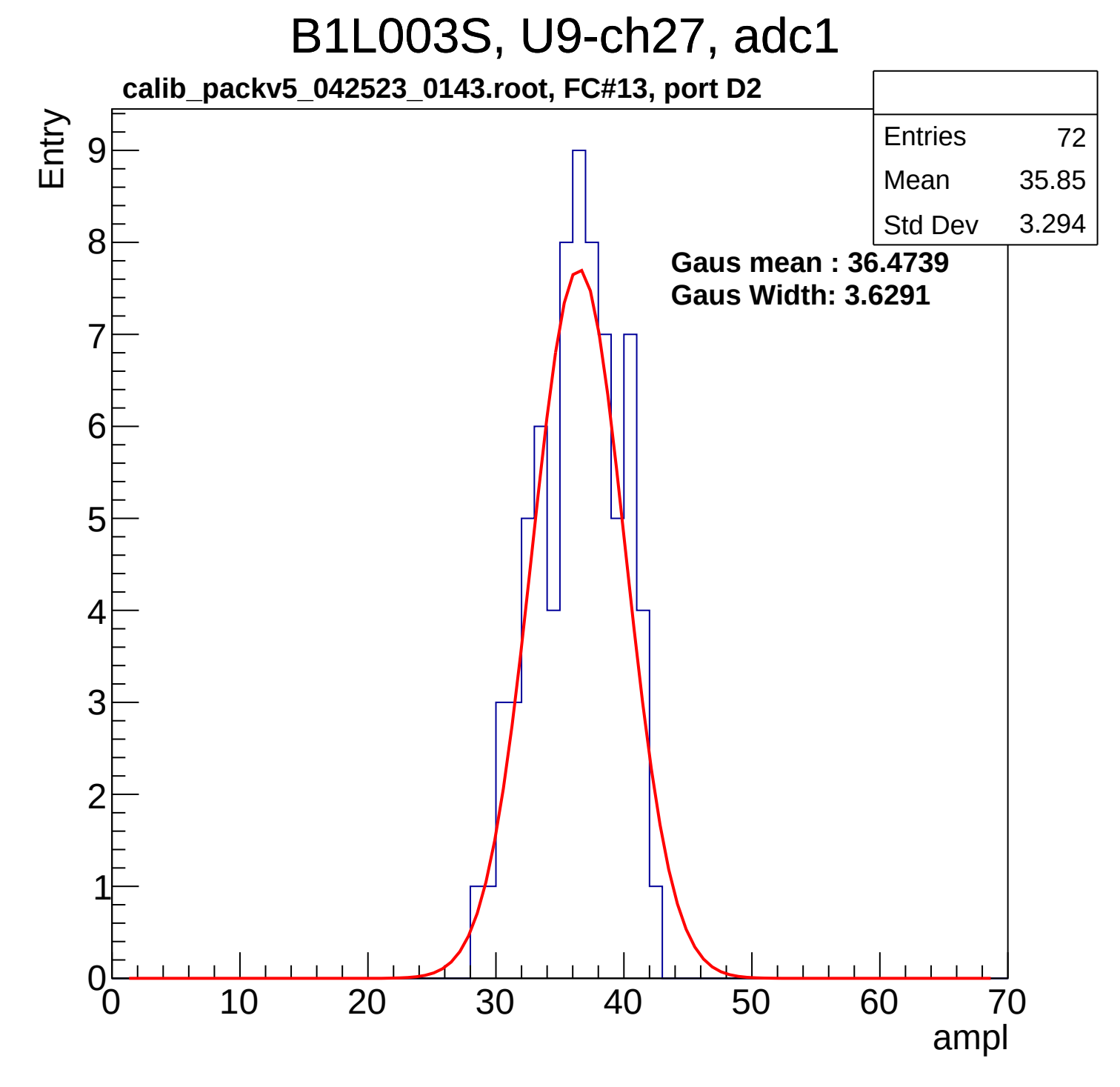
B1L003S, U9-ch27, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 35.85
Std Dev 3.294
Gaus mean : 36.4739
Gaus Width: 3.6291
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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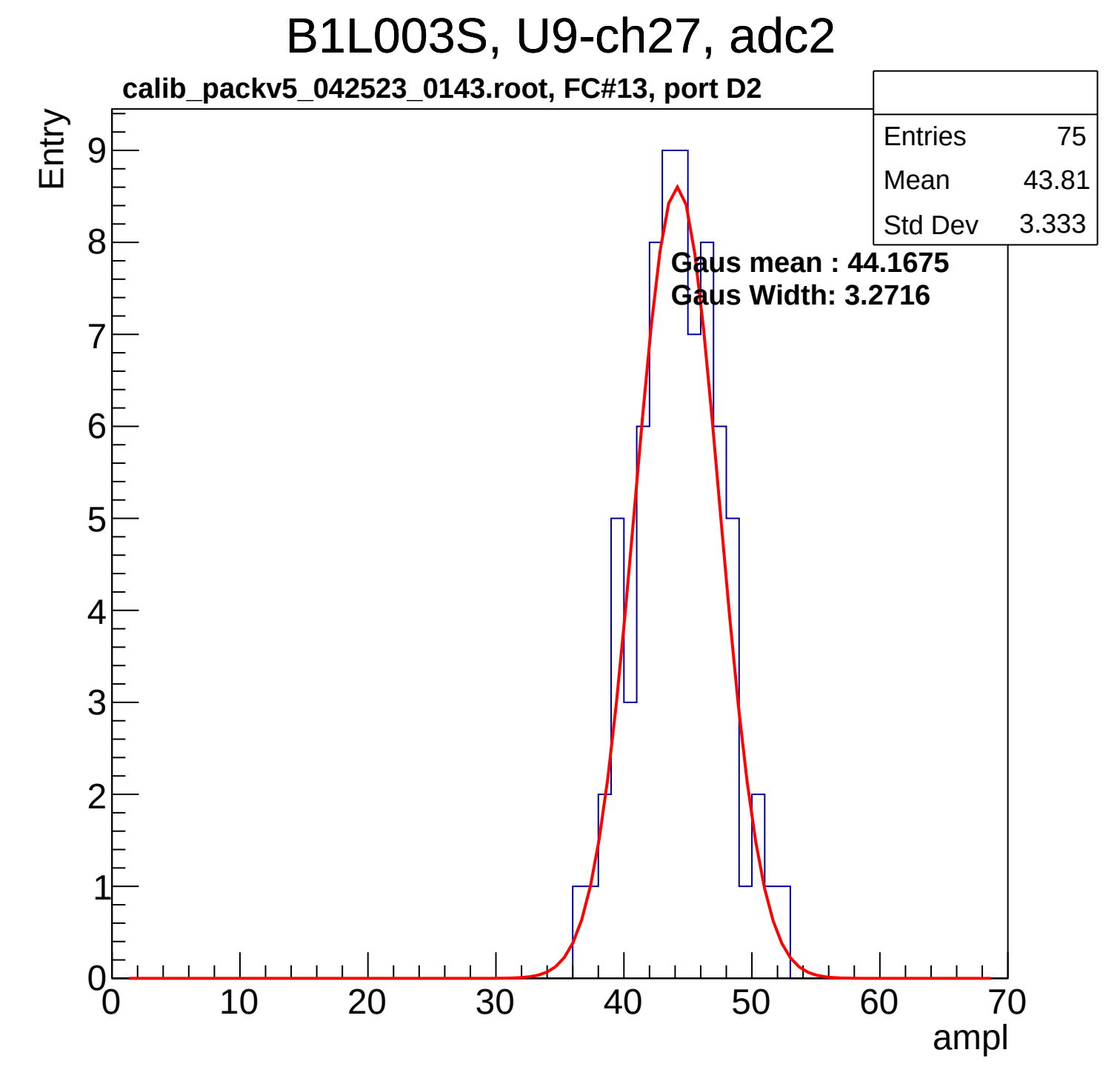
B1L003S, U9-ch27, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 43.81
Std Dev 3.333
Gaus mean : 44.1675
Gaus Width: 3.2716
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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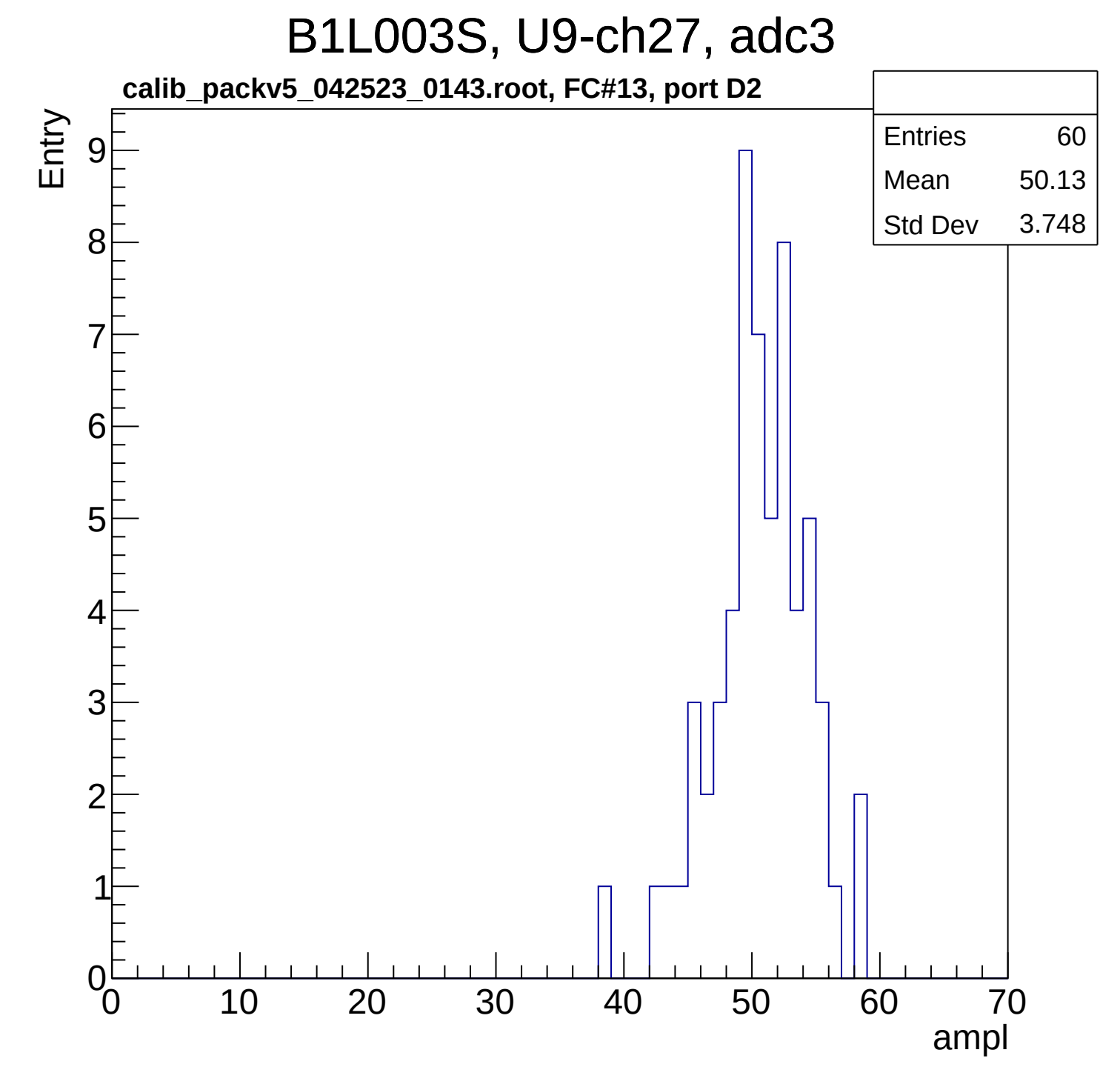
B1L003S, U9-ch27, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 50.13
Std Dev 3.748
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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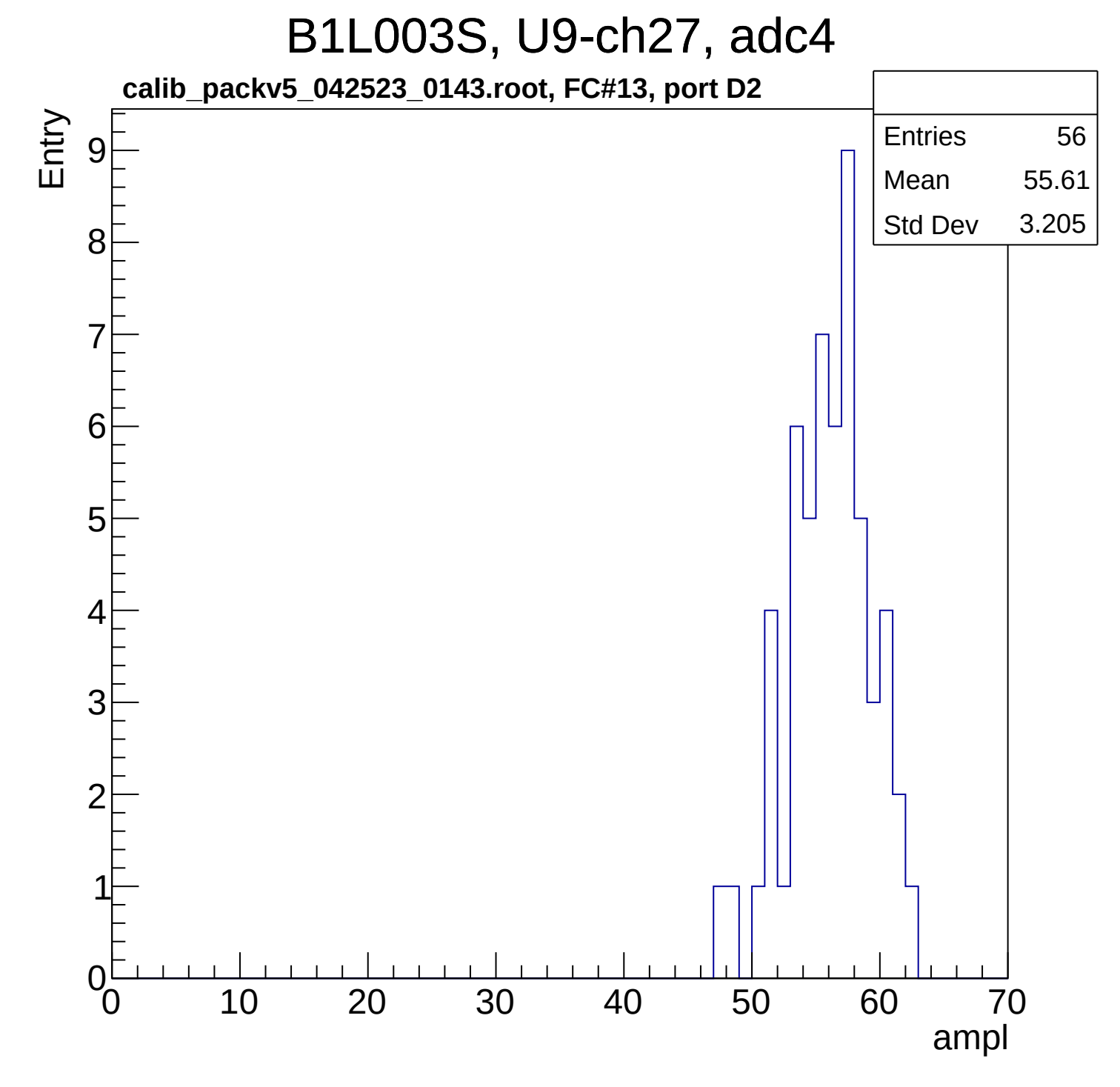
B1L003S, U9-ch27, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 55.61
Std Dev 3.205
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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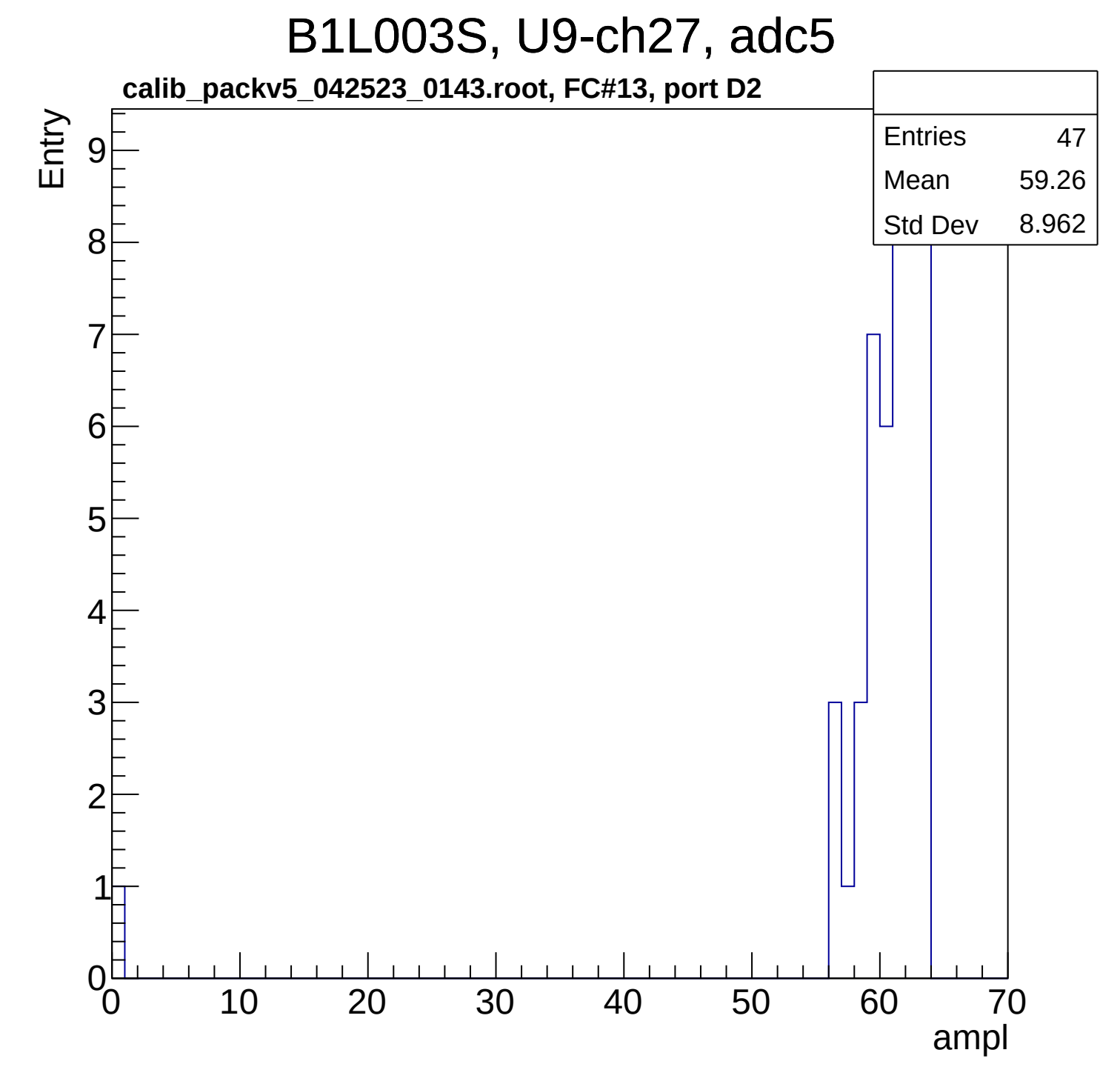
B1L003S, U9-ch27, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 59.26
Std Dev 8.962
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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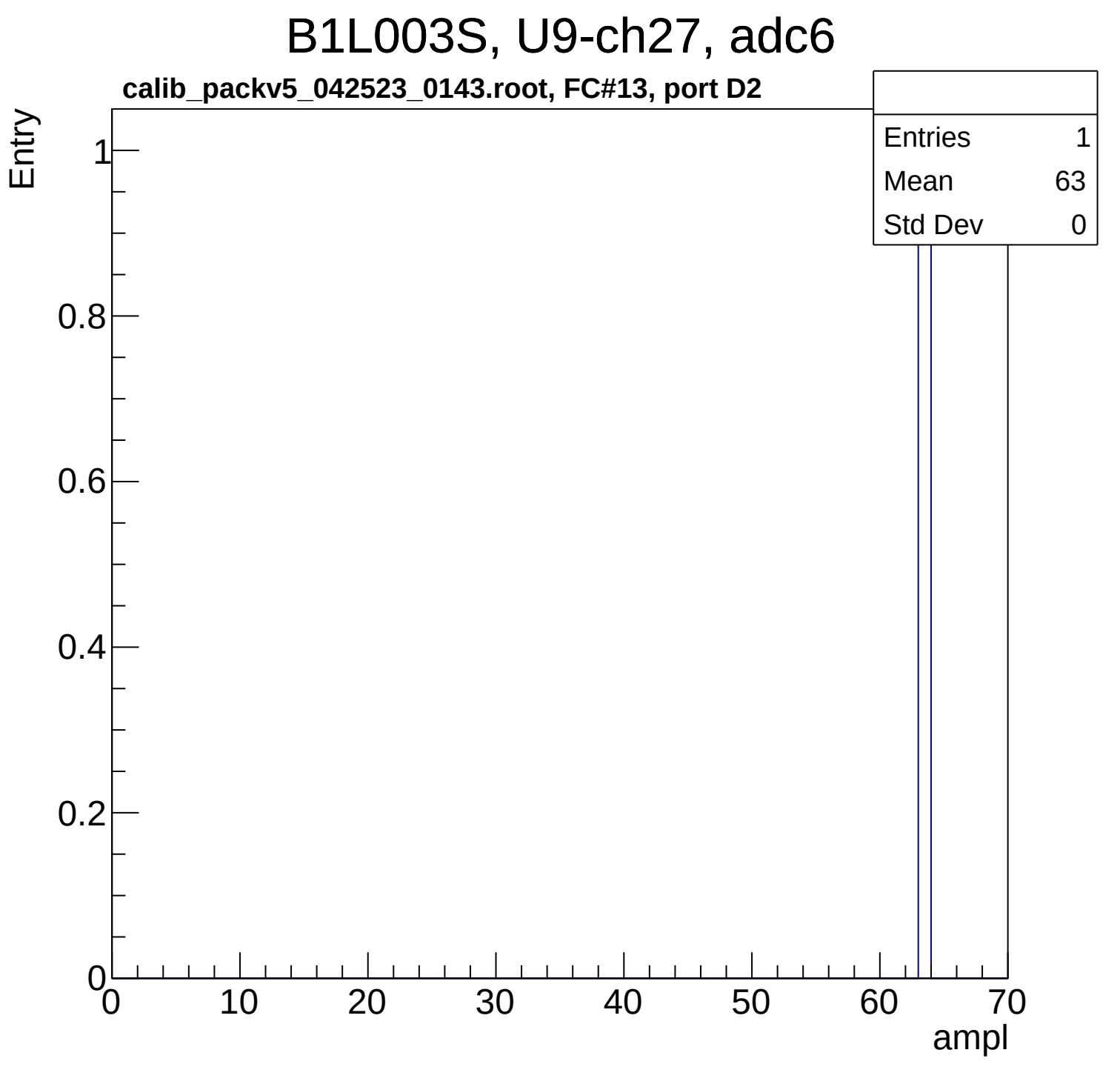
B1L003S, U9-ch27, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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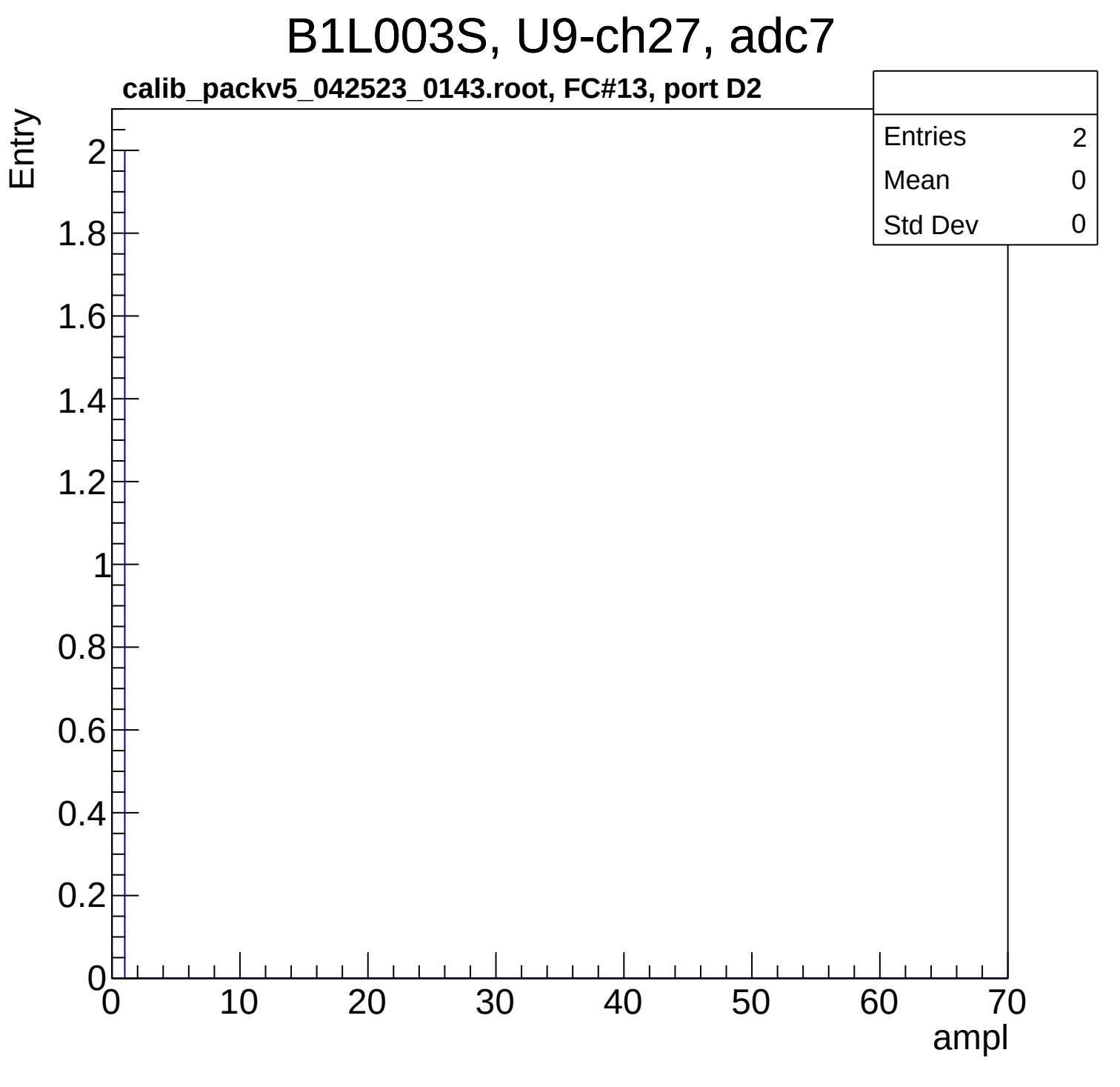
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch27, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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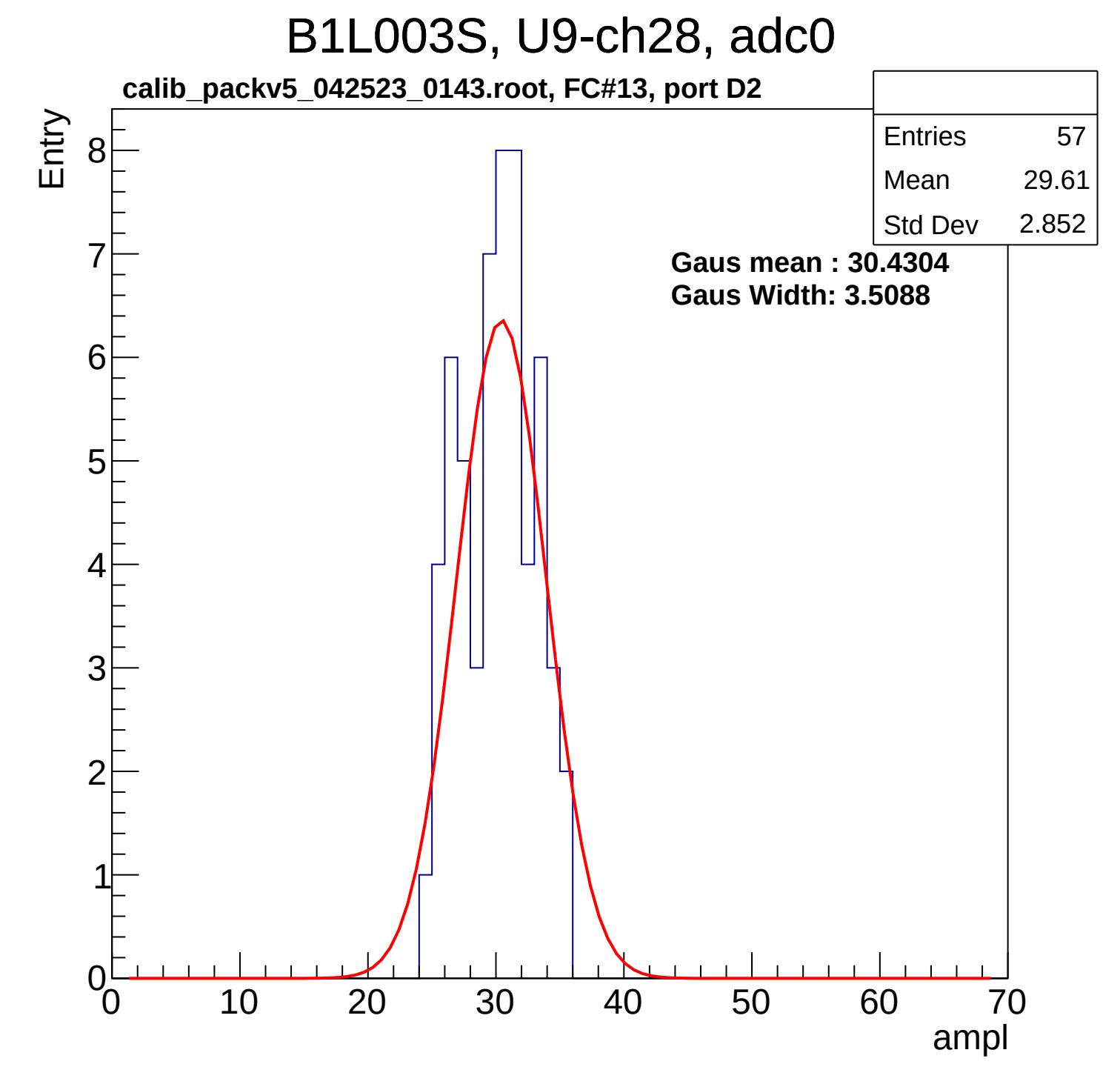
B1L003S, U9-ch28, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 29.61
Std Dev 2.852
Gaus mean : 30.4304
Gaus Width: 3.5088
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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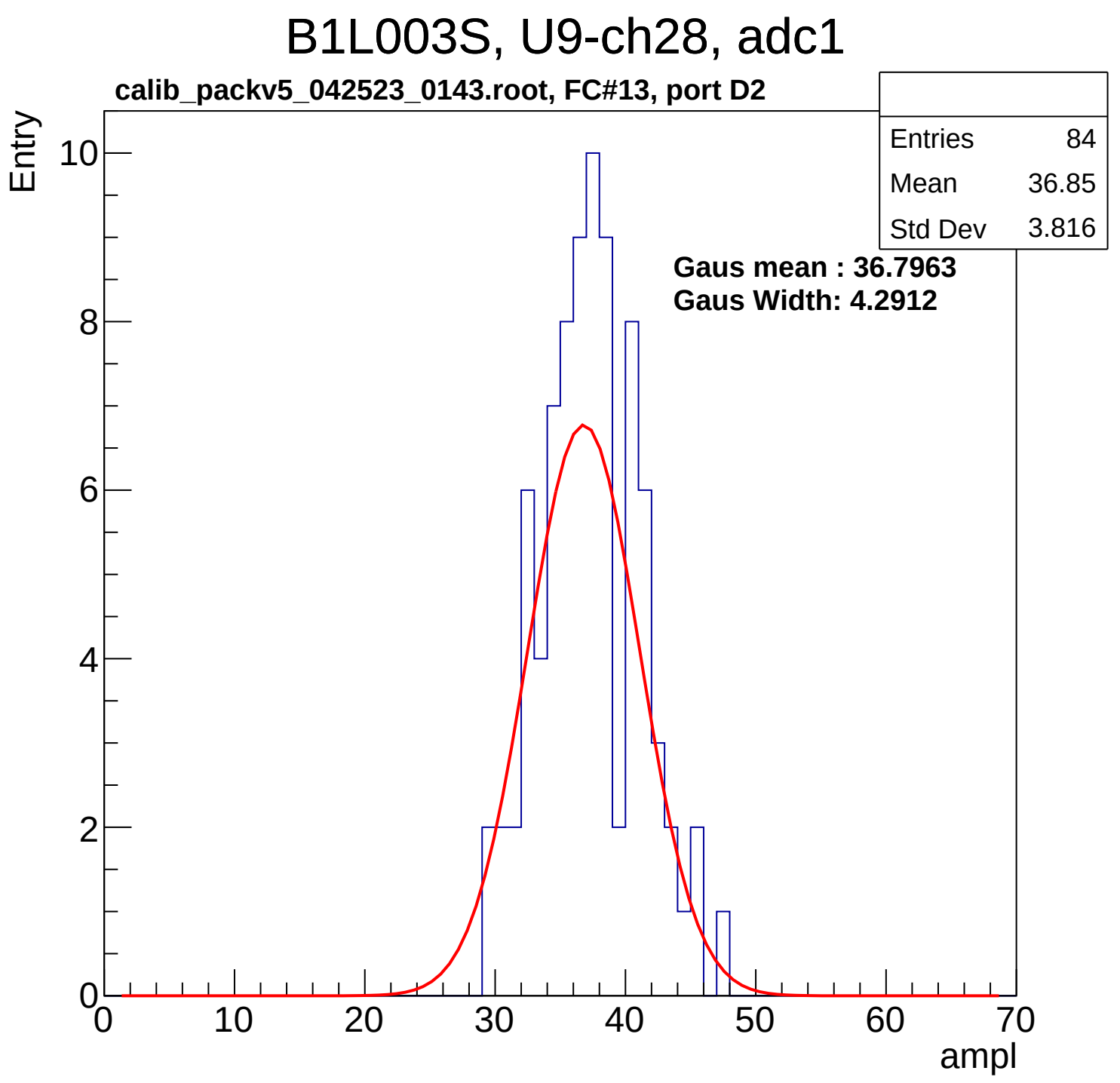
B1L003S, U9-ch28, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 84
Mean 36.85
Std Dev 3.816
Gaus mean : 36.7963
Gaus Width: 4.2912
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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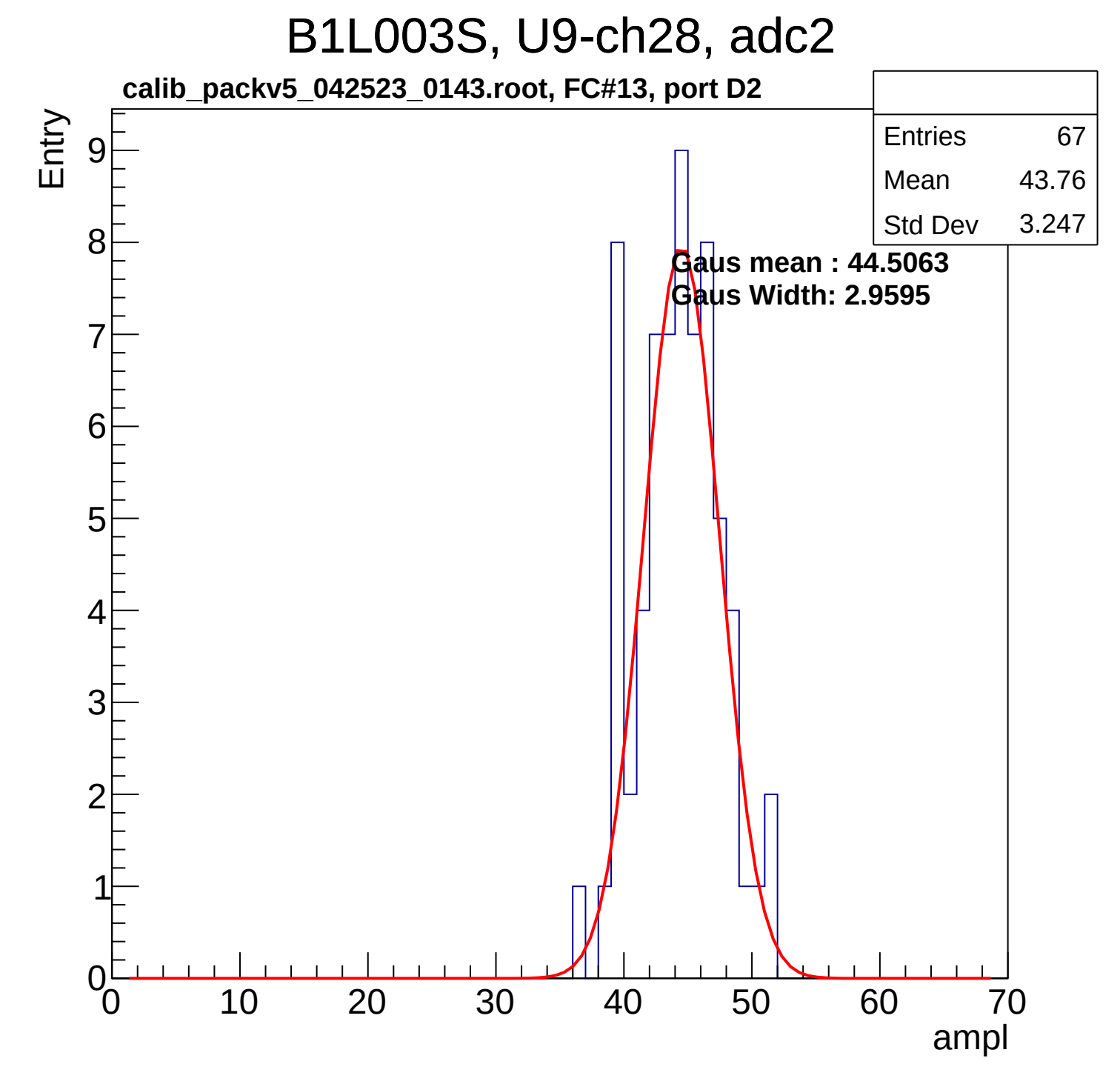
B1L003S, U9-ch28, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 43.76
Std Dev 3.247
Gaus mean : 44.5063
Gaus Width: 2.9595
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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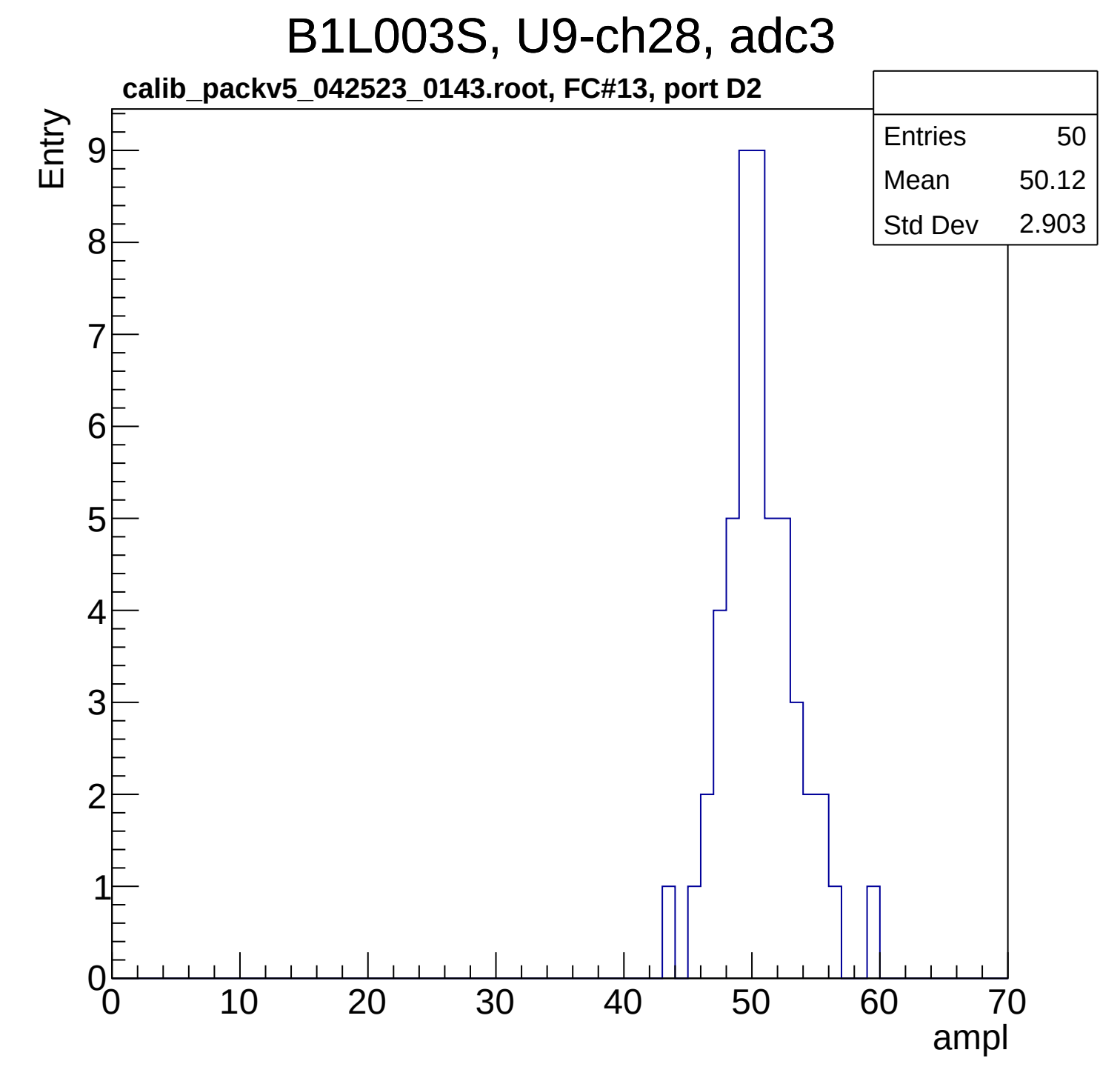
B1L003S, U9-ch28, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 50.12
Std Dev 2.903
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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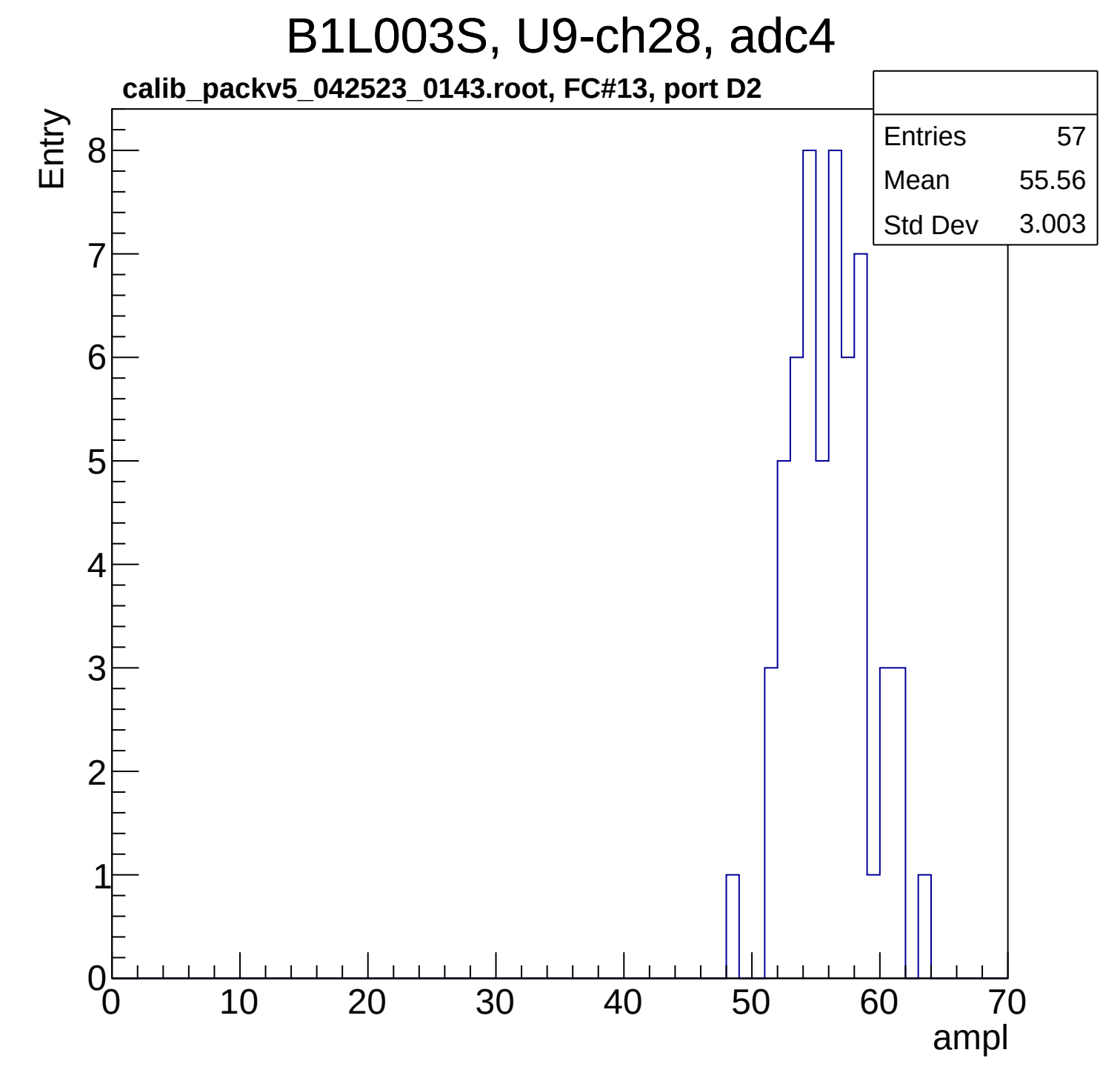
B1L003S, U9-ch28, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 55.56
Std Dev 3.003
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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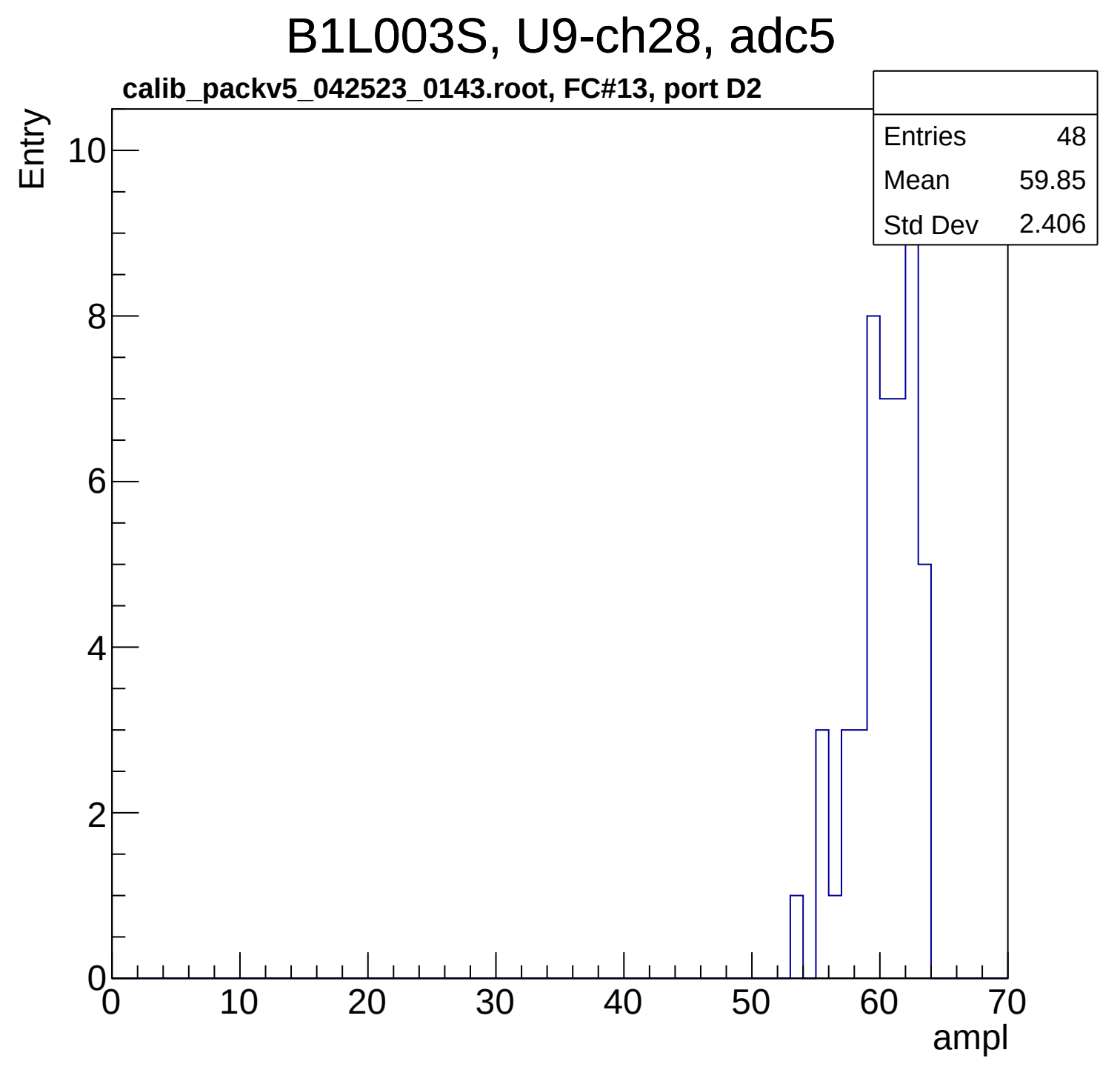
B1L003S, U9-ch28, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 59.85
Std Dev 2.406
Entry
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2
4
6
8
10
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10
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30
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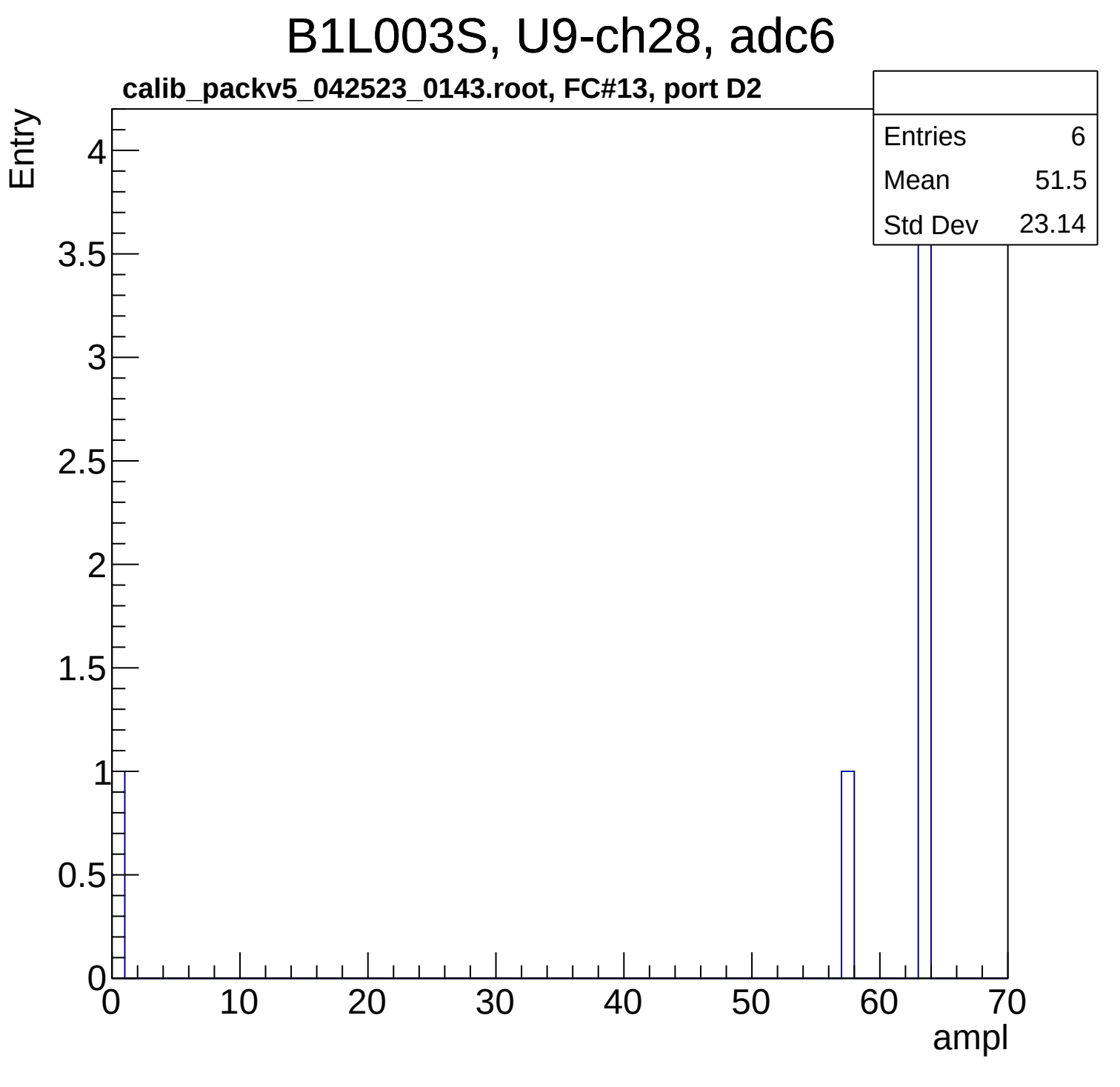
50
60
70
ampl


B1L003S, U9-ch28, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 51.5
Std Dev 23.14
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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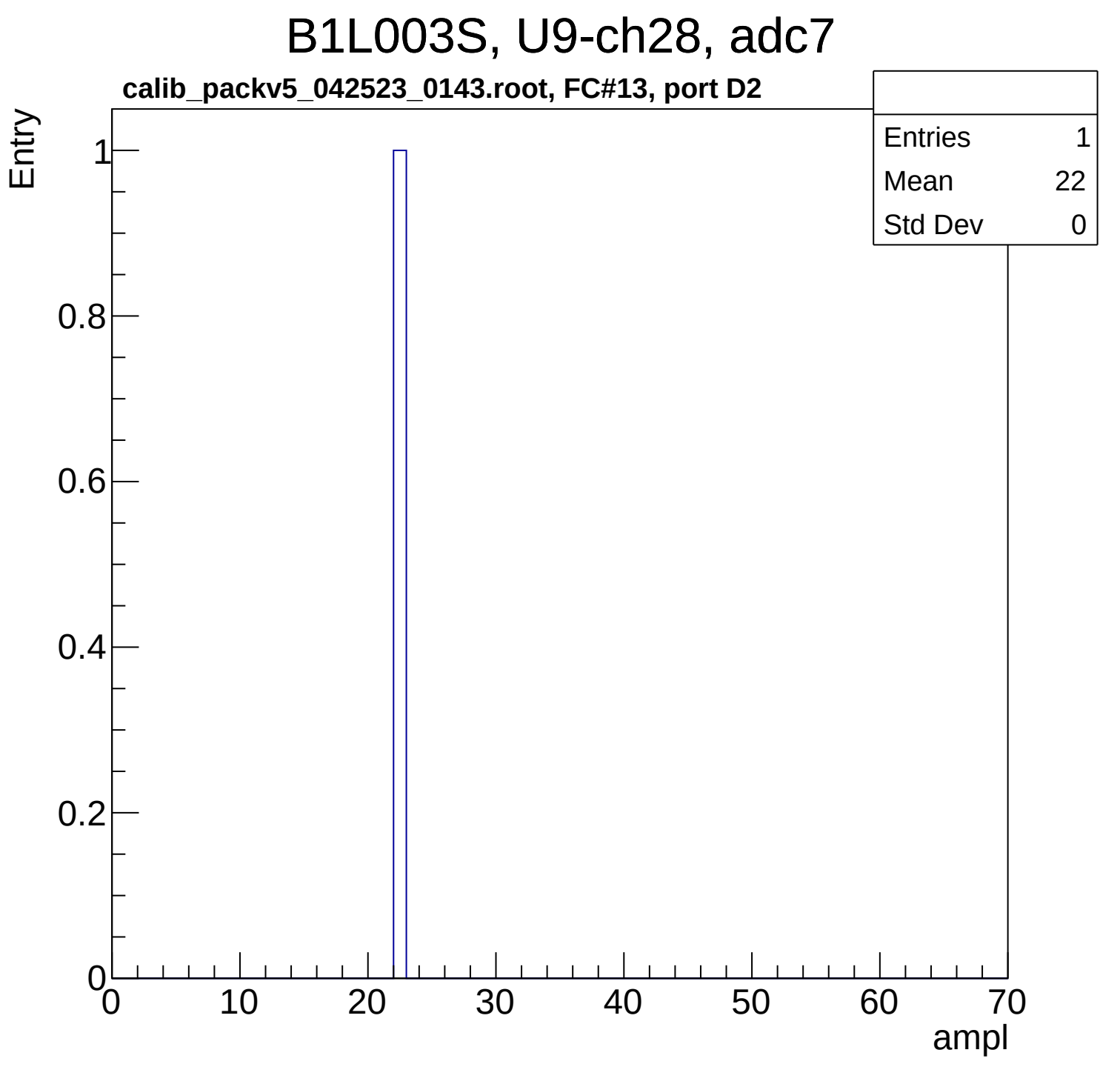
B1L003S, U9-ch28, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 22
Std Dev 0
Entry
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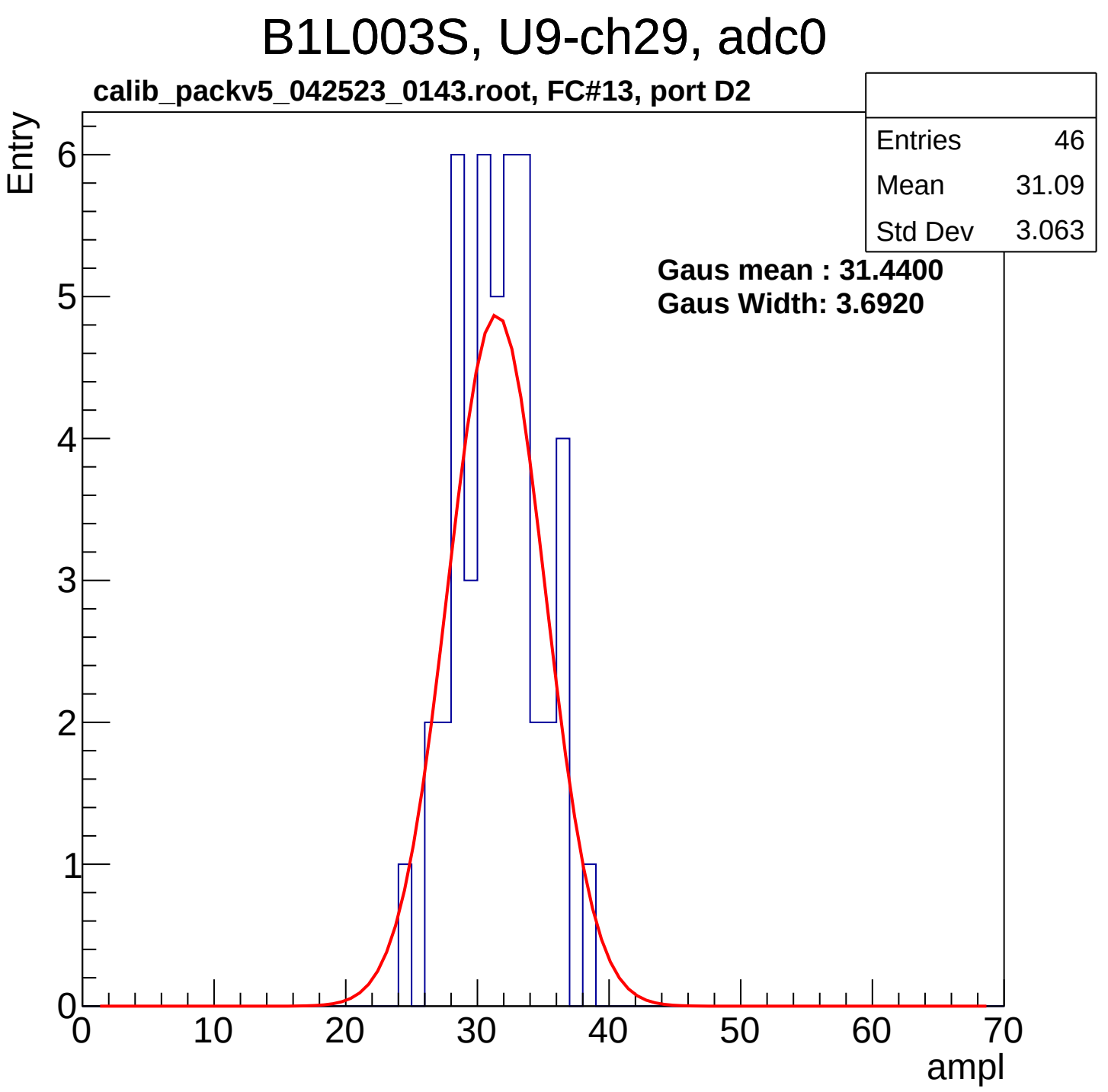
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch29, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 31.09
Std Dev 3.063
Gaus mean : 31.4400
Gaus Width: 3.6920
Entry
ampl
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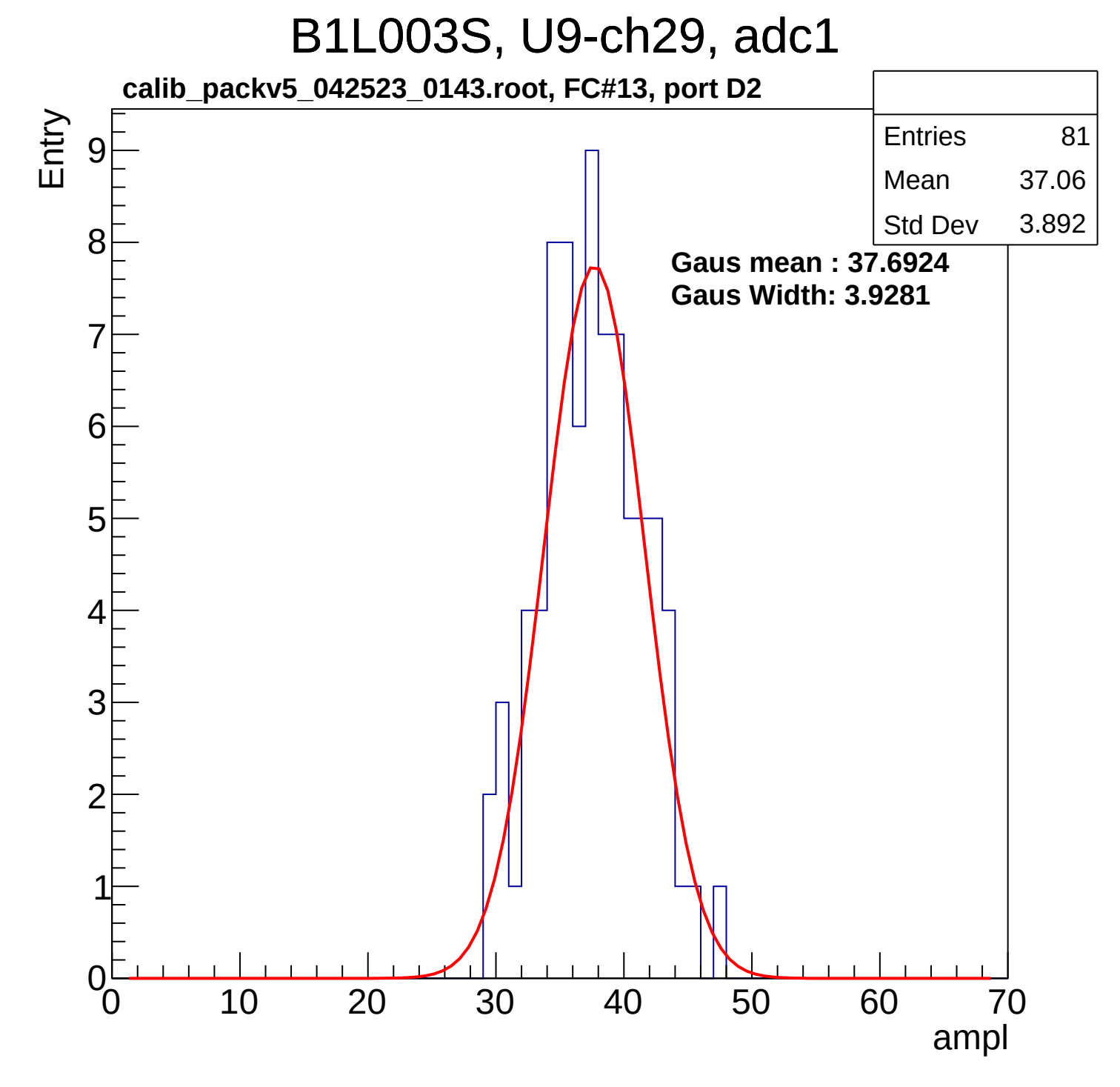
3
4
5
6
0
10
20
30
40
50
60
70


B1L003S, U9-ch29, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 37.06
Std Dev 3.892
Gaus mean : 37.6924
Gaus Width: 3.9281
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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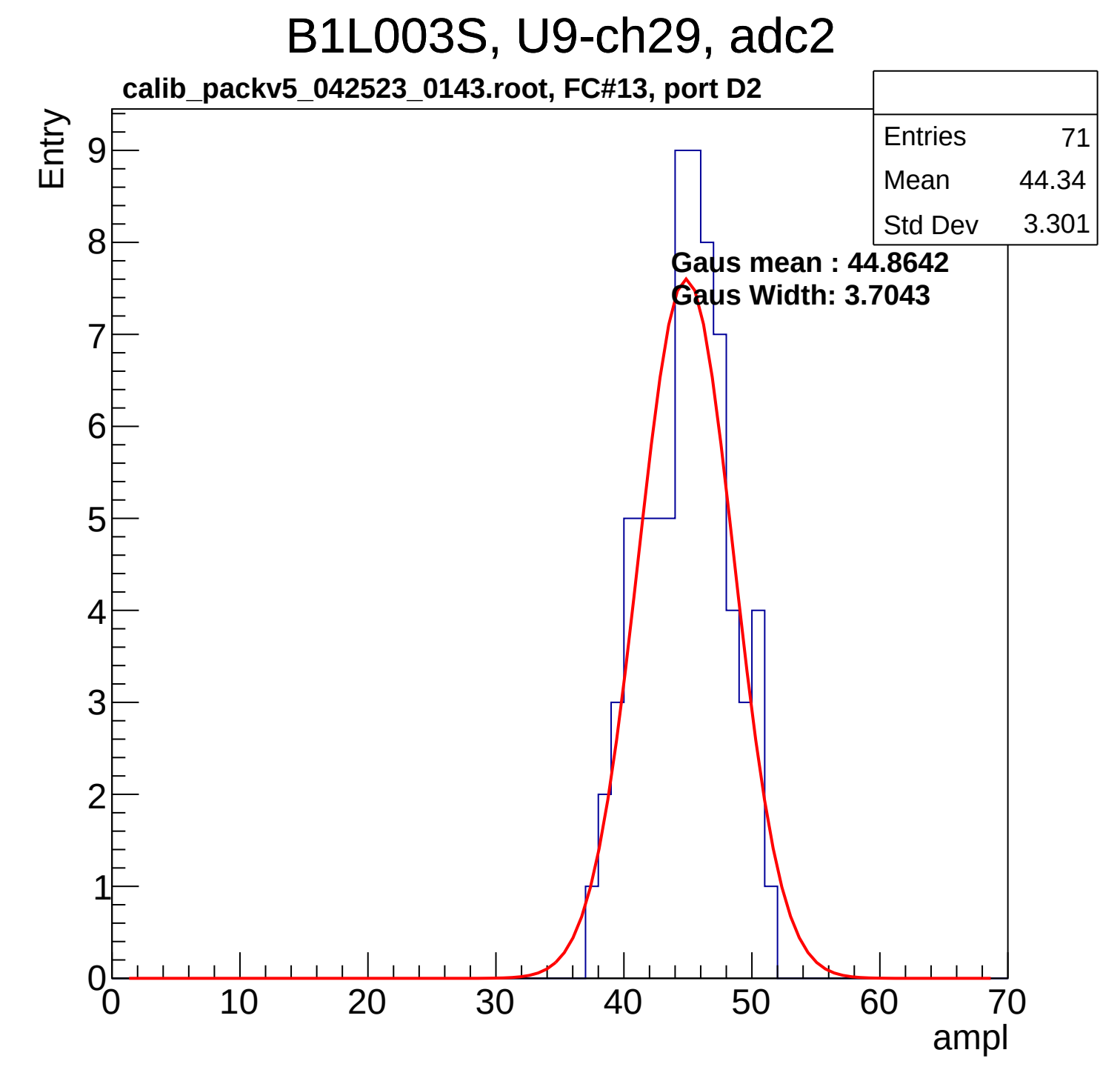
B1L003S, U9-ch29, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 44.34
Std Dev 3.301
Gaus mean : 44.8642
Gaus Width: 3.7043
Entry
ampl
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2
3
4
5
6
7
8
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0
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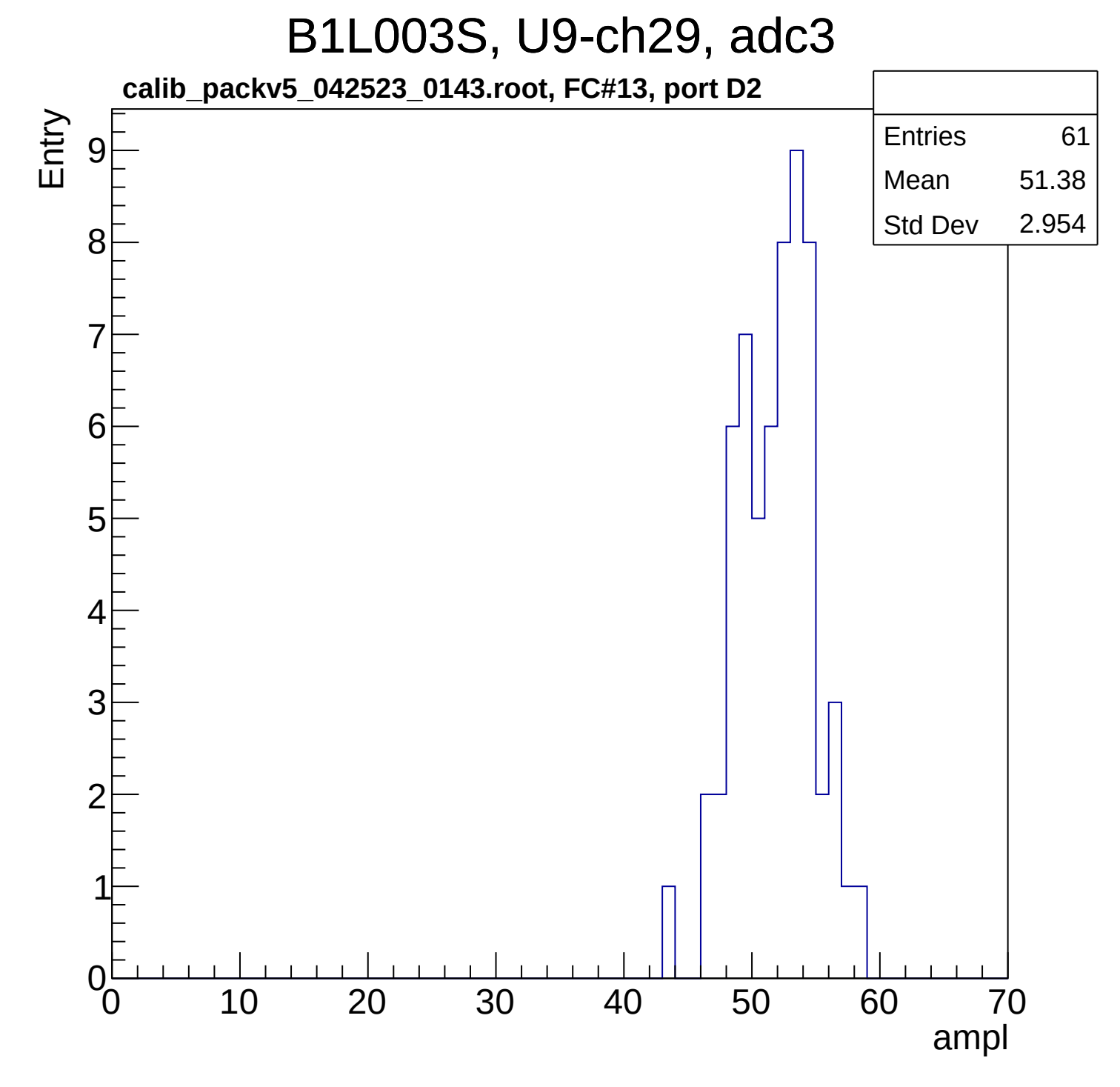
B1L003S, U9-ch29, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 51.38
Std Dev 2.954
Entry
ampl
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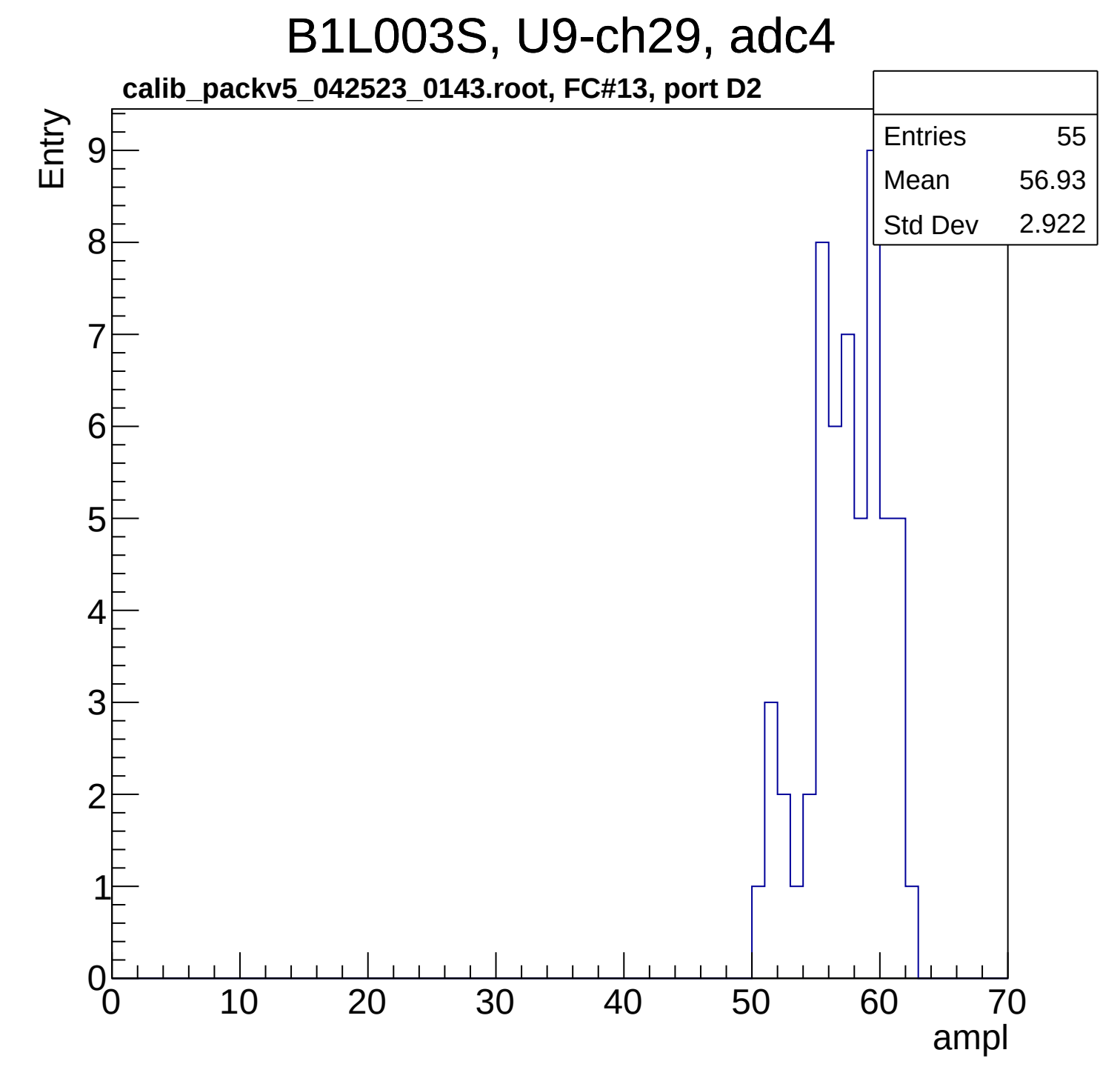
B1L003S, U9-ch29, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 56.93
Std Dev 2.922
Entry
ampl
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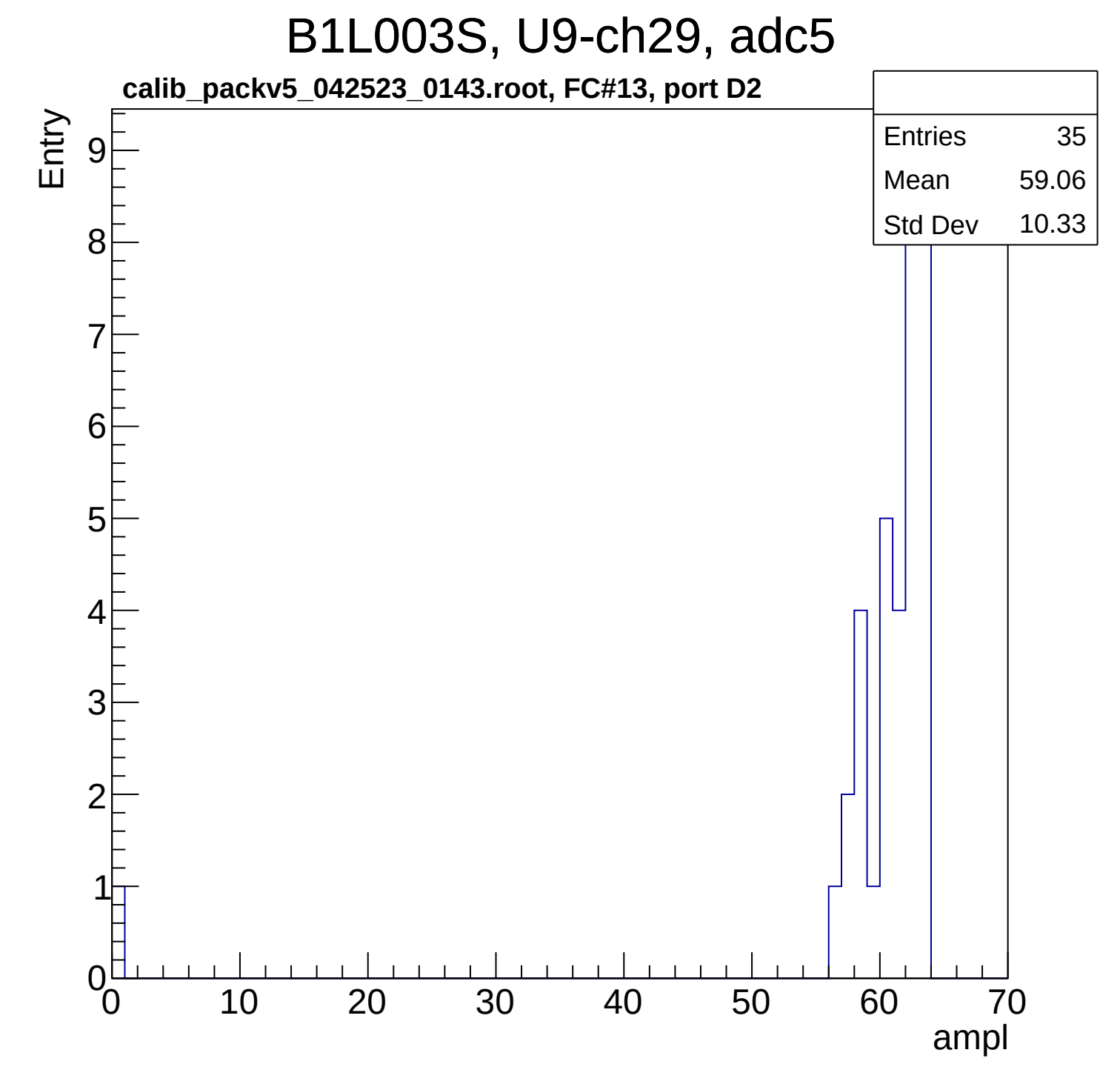
B1L003S, U9-ch29, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 59.06
Std Dev 10.33
Entry
ampl
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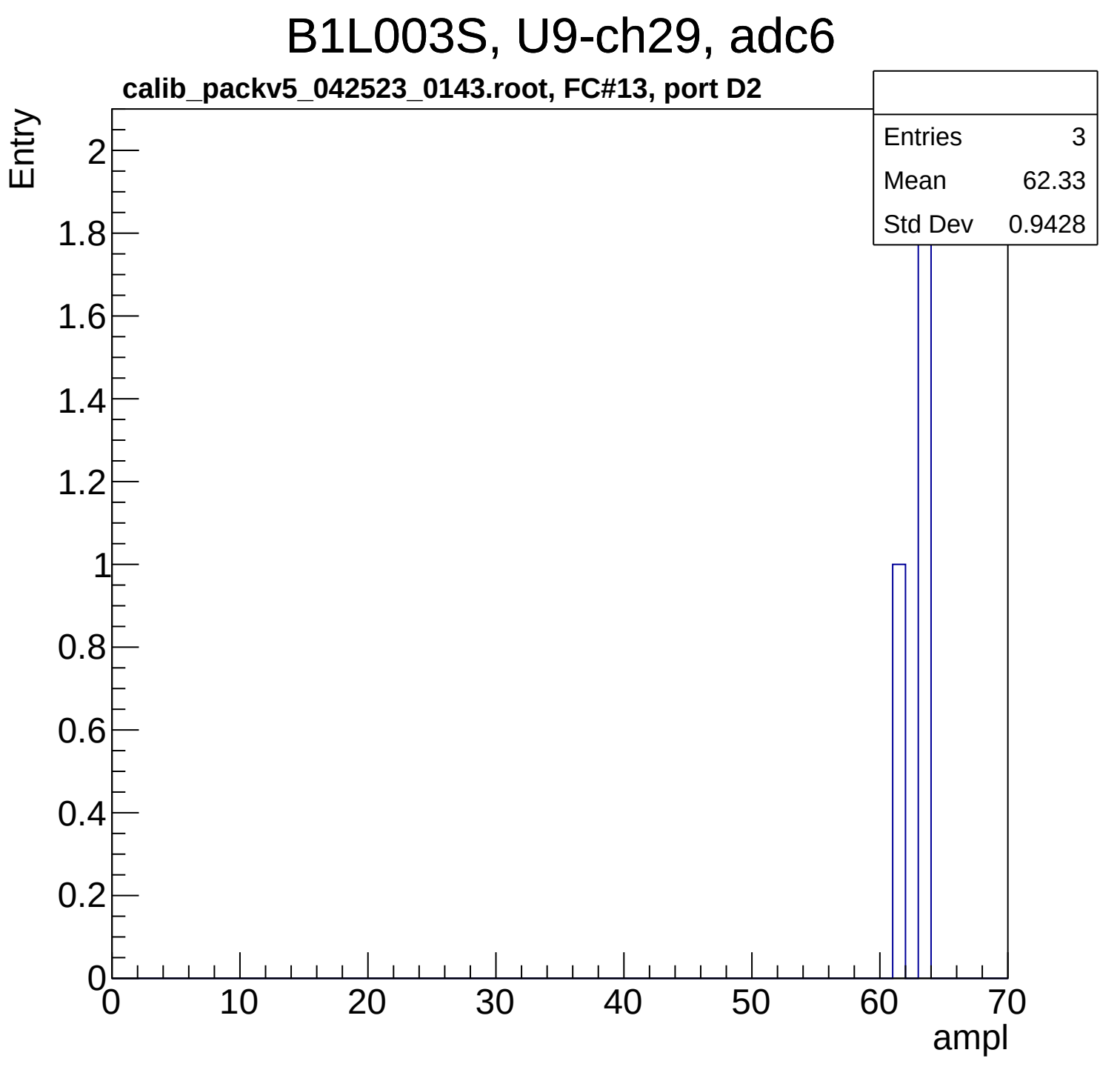
B1L003S, U9-ch29, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
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0.2
0.4
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1.2
1.4
1.6
1.8
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60
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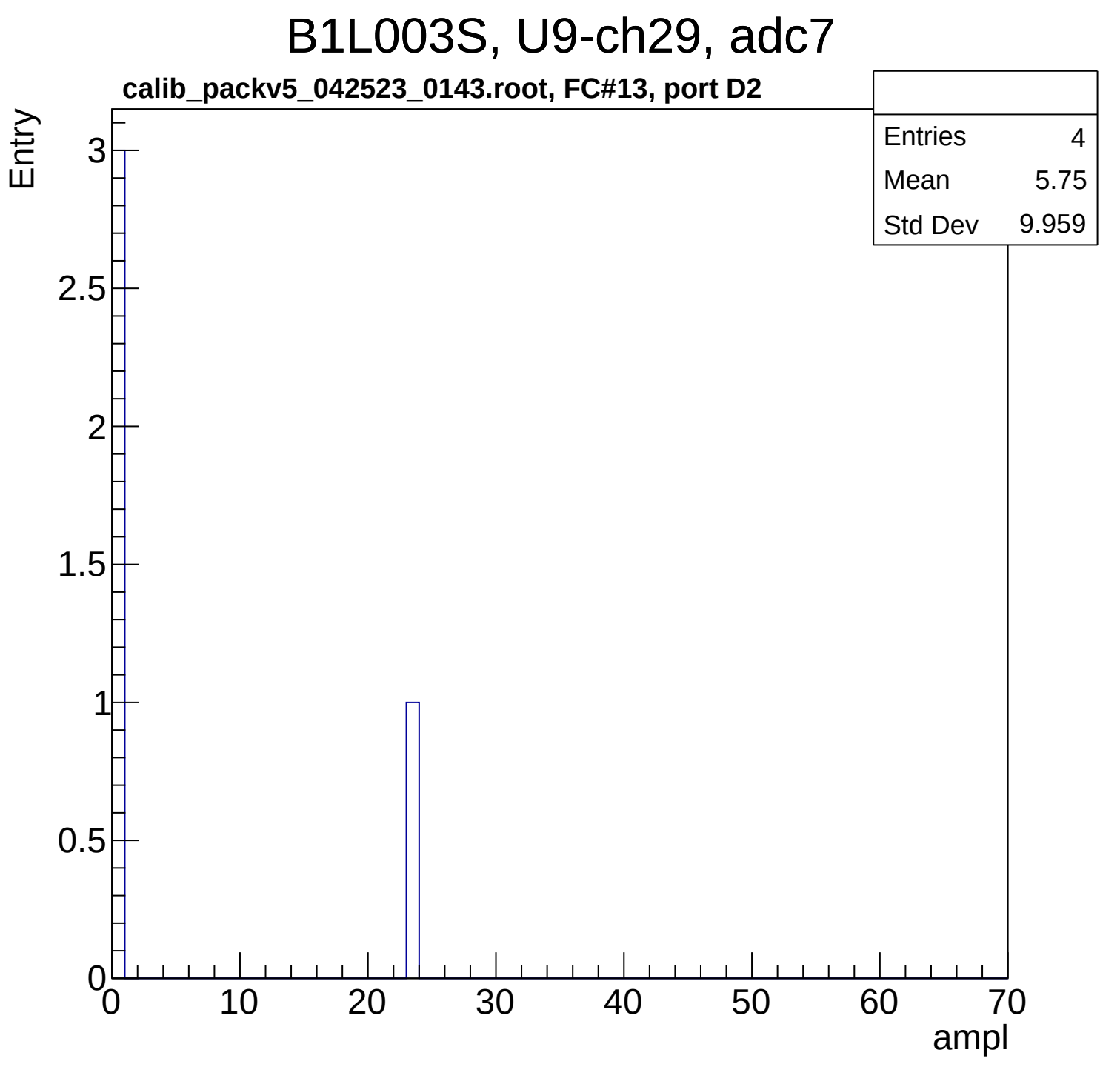
B1L003S, U9-ch29, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 5.75
Std Dev 9.959
Entry
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0
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60
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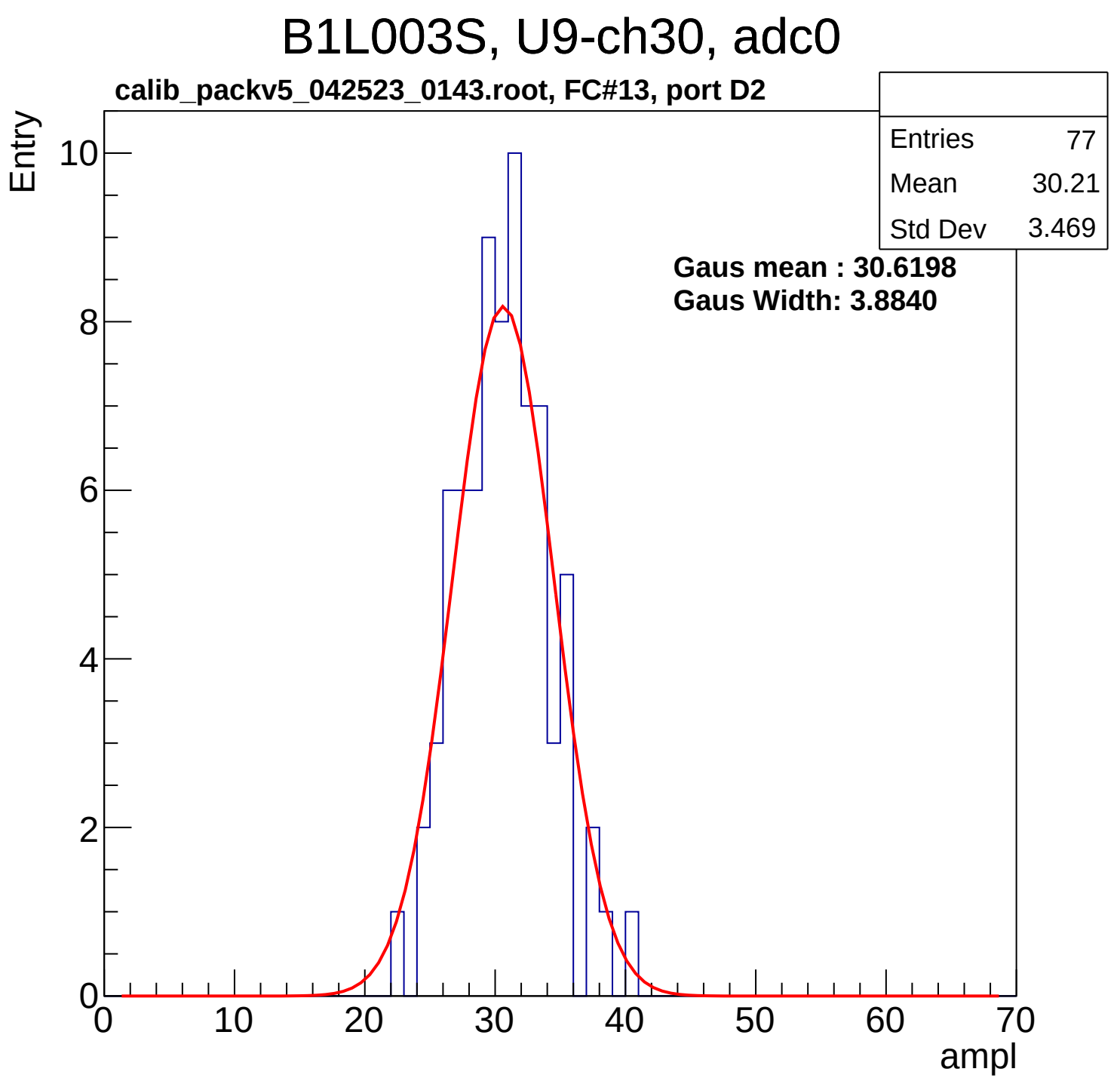
B1L003S, U9-ch30, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 30.21
Std Dev 3.469
Gaus mean : 30.6198
Gaus Width: 3.8840
Entry
ampl
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4
6
8
10
0
10
20
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40
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60
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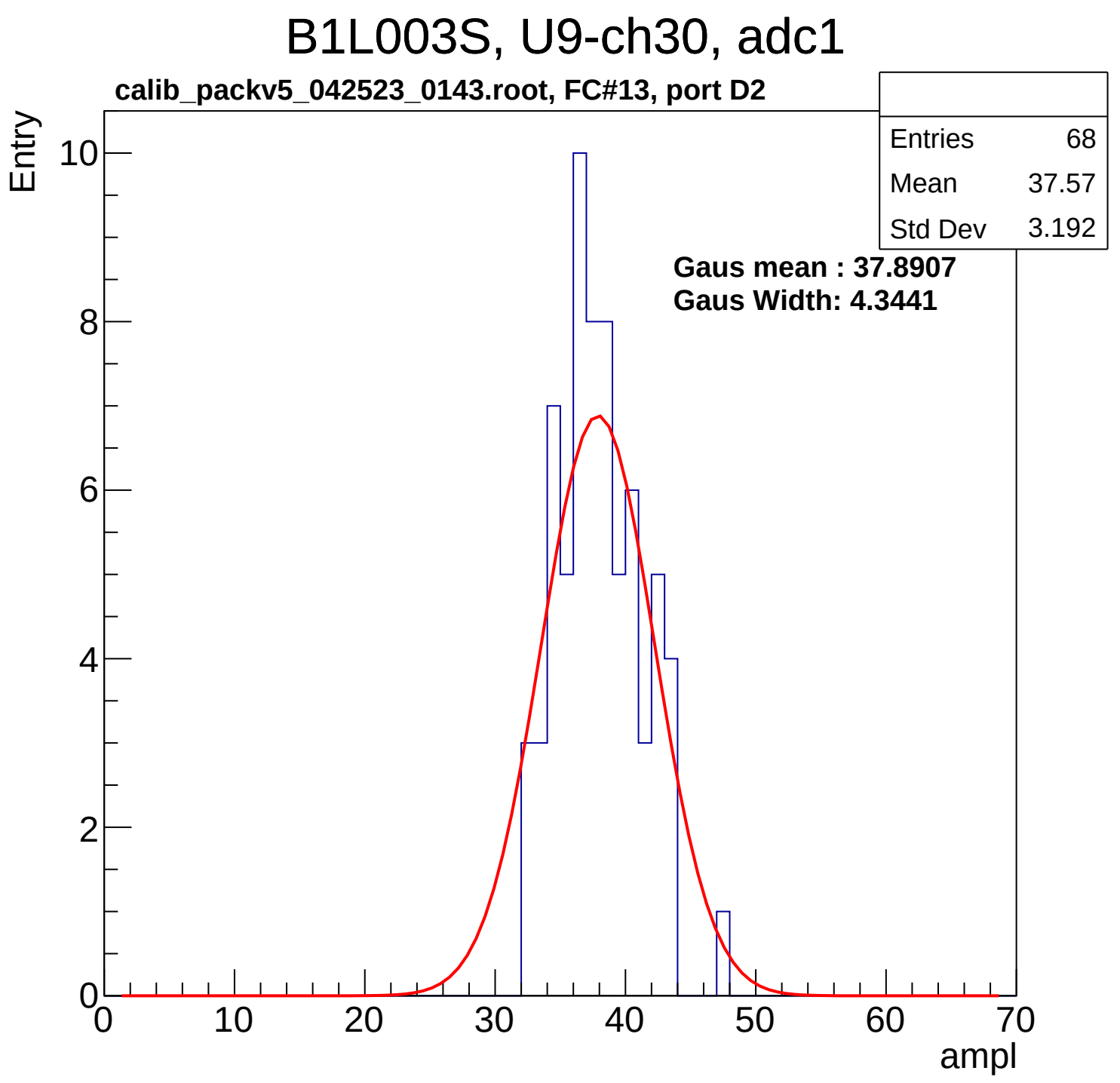
B1L003S, U9-ch30, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 37.57
Std Dev 3.192
Gaus mean : 37.8907
Gaus Width: 4.3441
Entry
ampl
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6
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0
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40
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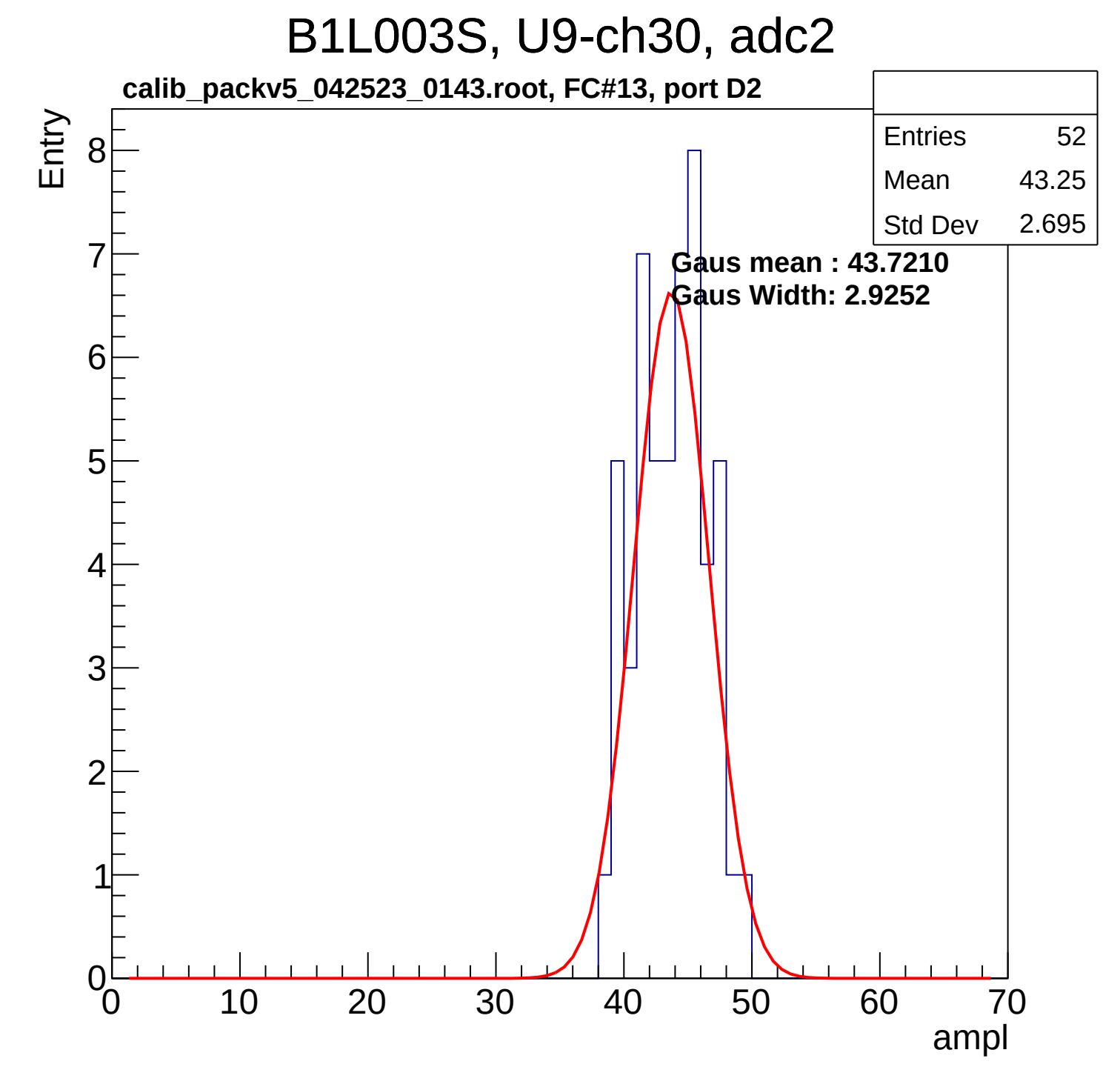
B1L003S, U9-ch30, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 43.25
Std Dev 2.695
Gaus mean : 43.7210
Gaus Width: 2.9252
Entry
ampl
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5
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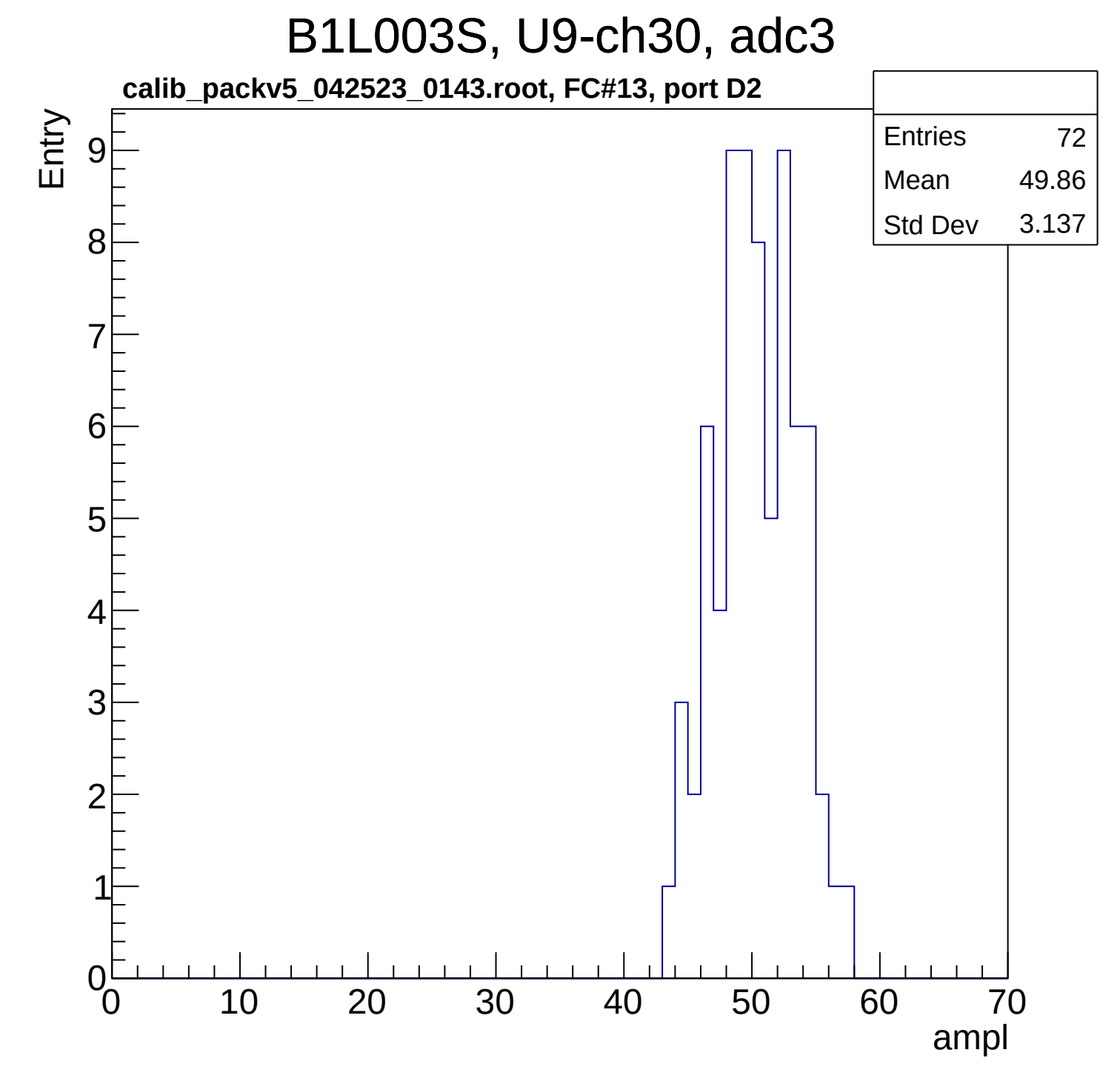
B1L003S, U9-ch30, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 49.86
Std Dev 3.137
Entry
ampl
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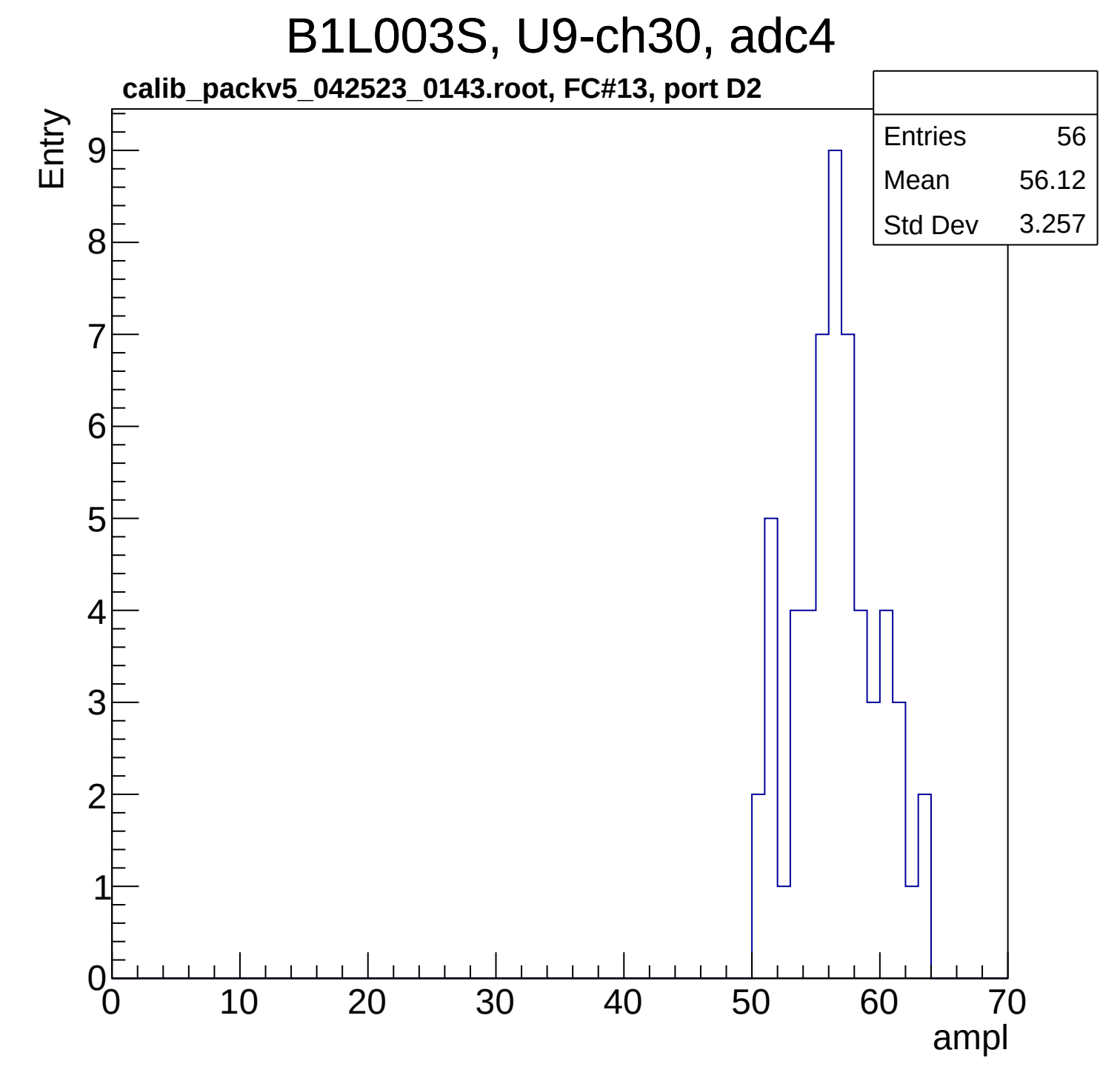
B1L003S, U9-ch30, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 56.12
Std Dev 3.257
Entry
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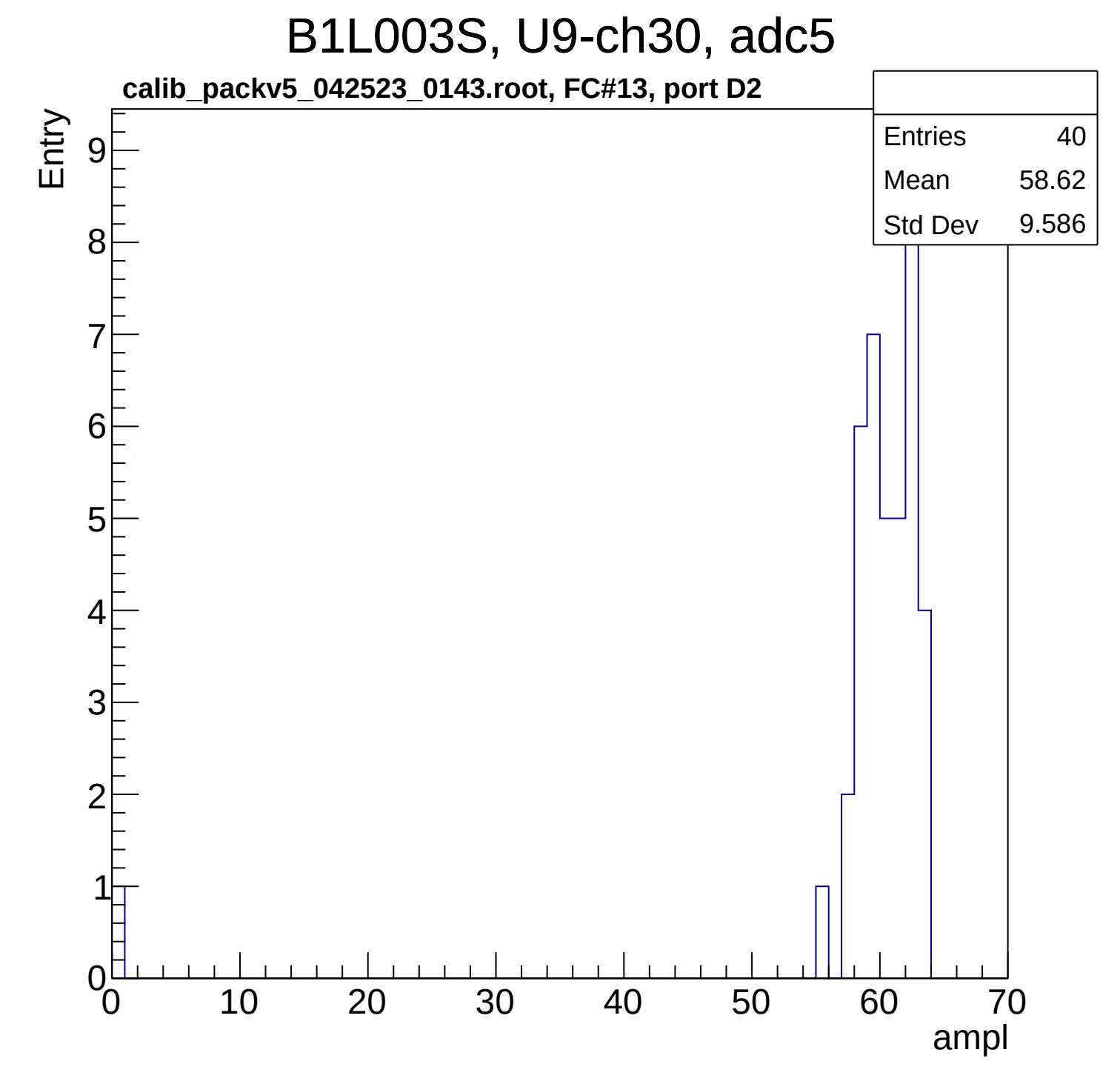
B1L003S, U9-ch30, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 58.62
Std Dev 9.586
Entry
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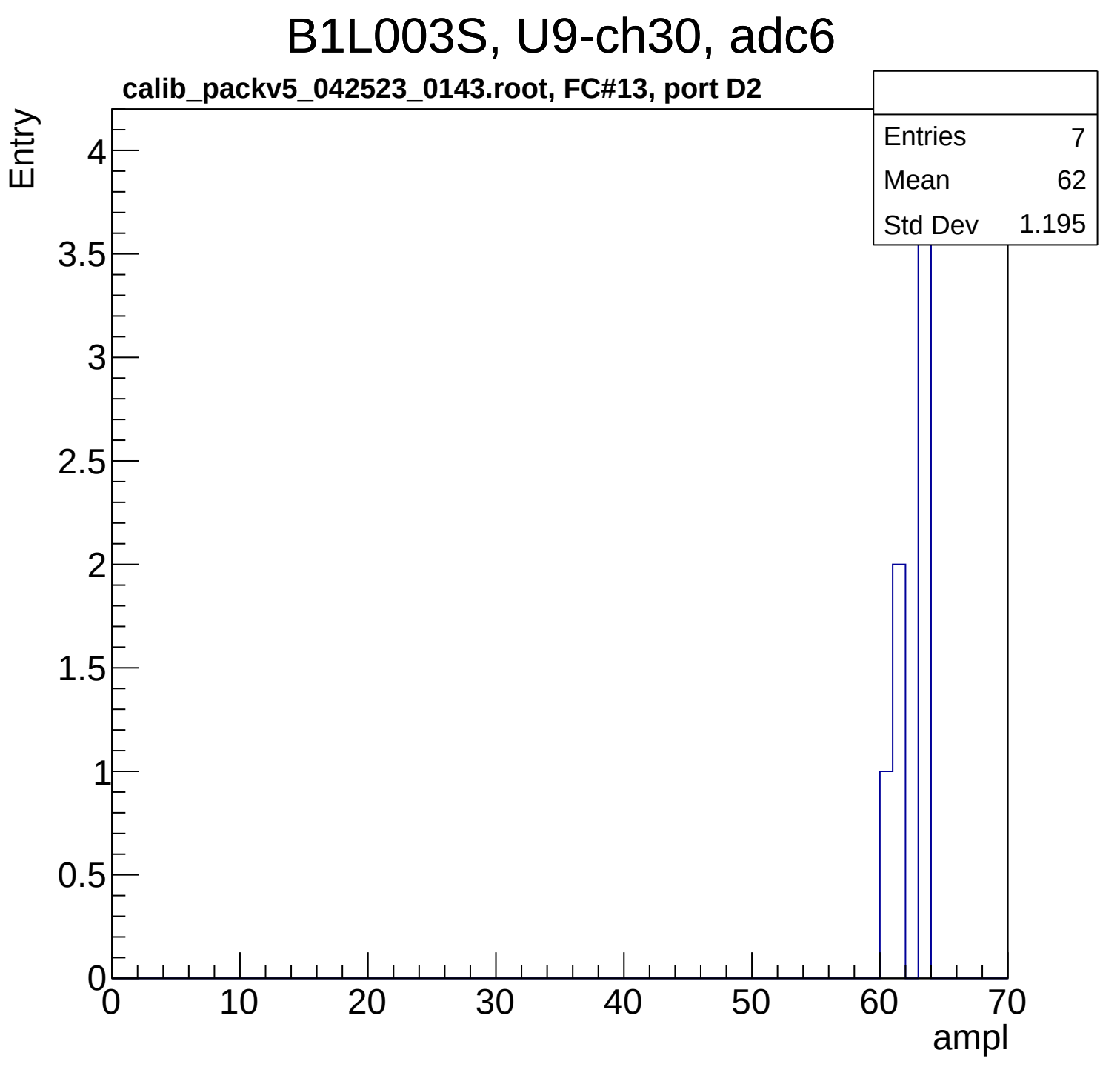
B1L003S, U9-ch30, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62
Std Dev 1.195
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
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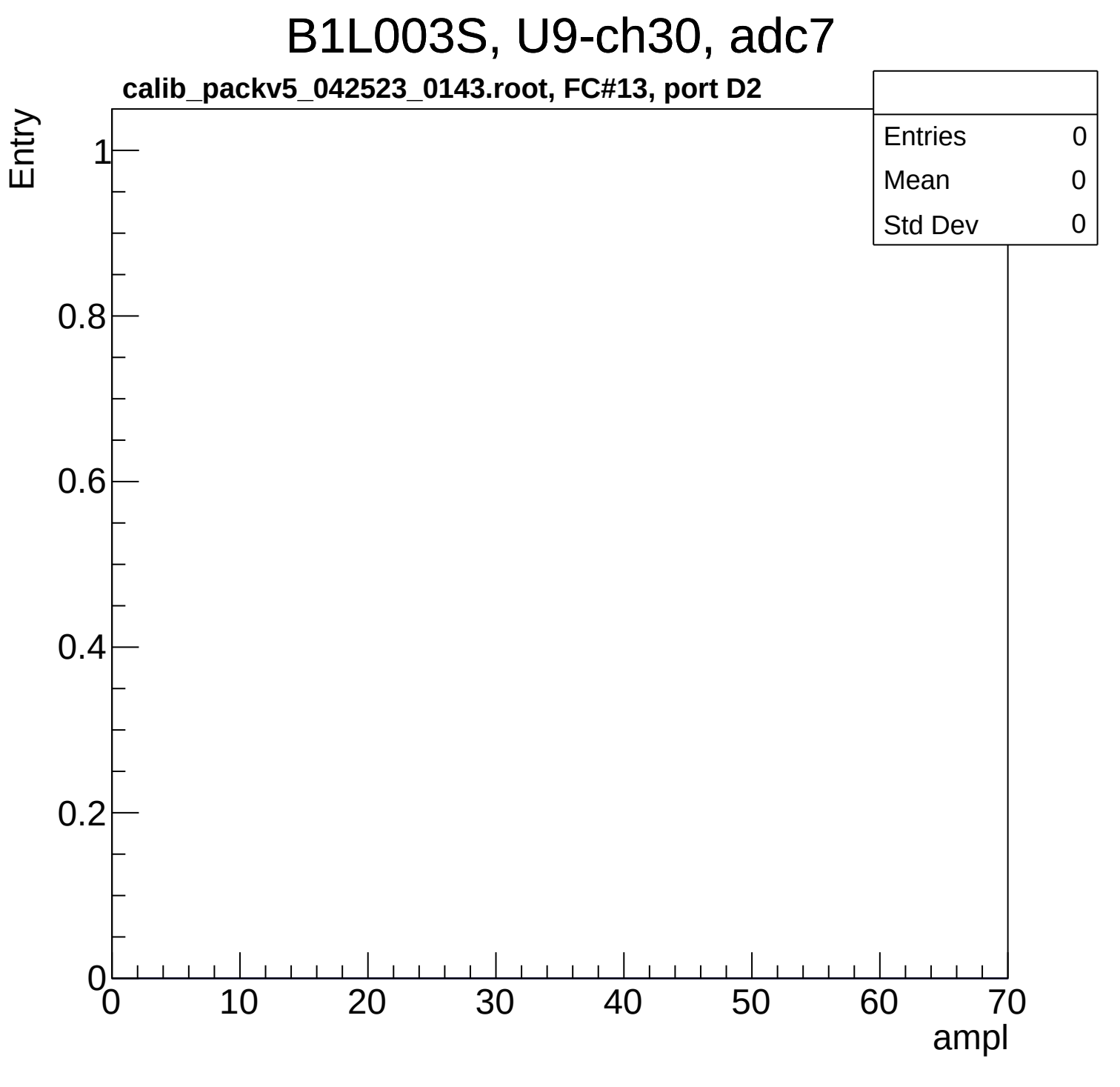
60
70


B1L003S, U9-ch30, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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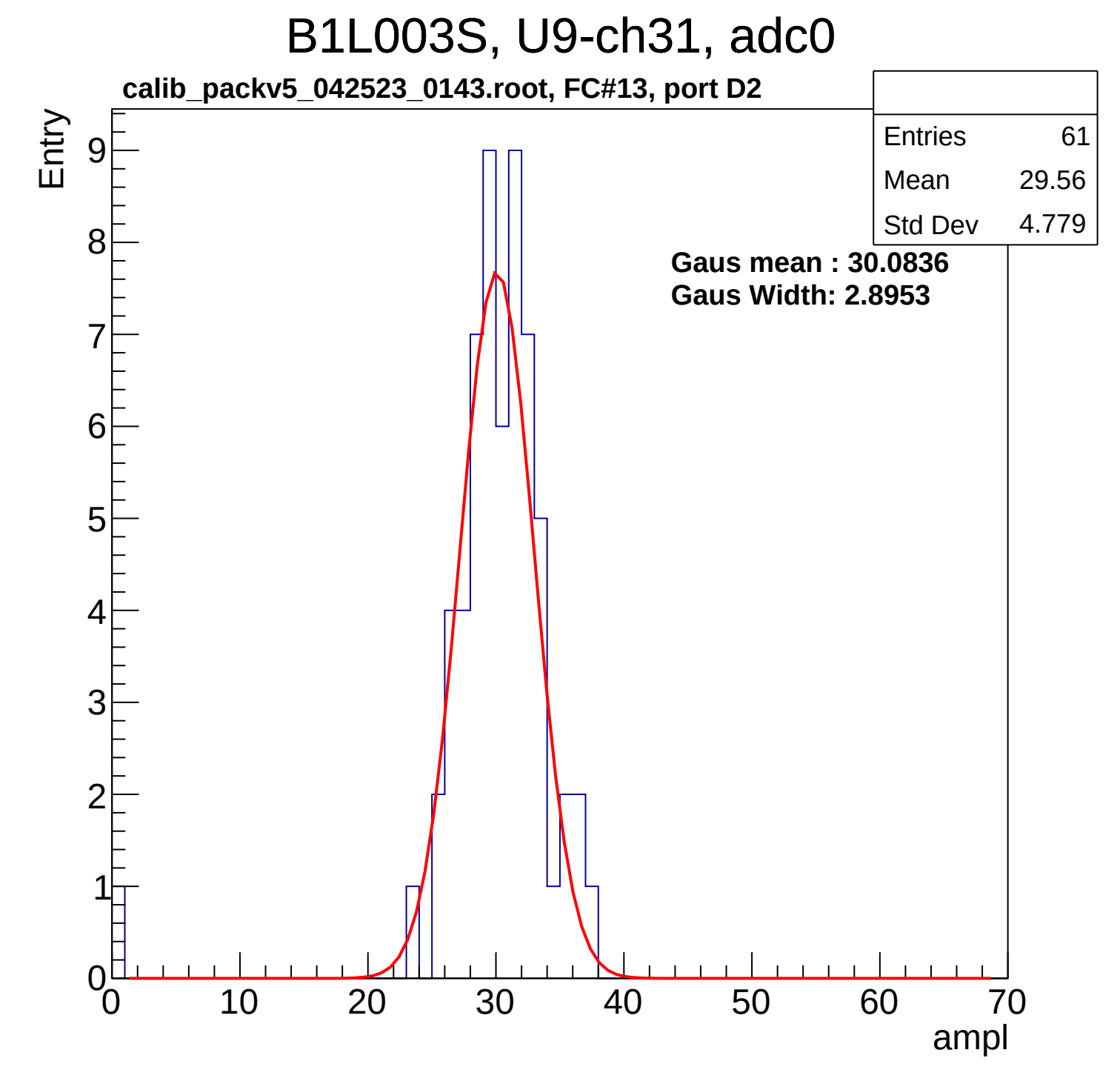
30
40
50
60
70
ampl


B1L003S, U9-ch31, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 29.56
Std Dev 4.779
Gaus mean : 30.0836
Gaus Width: 2.8953
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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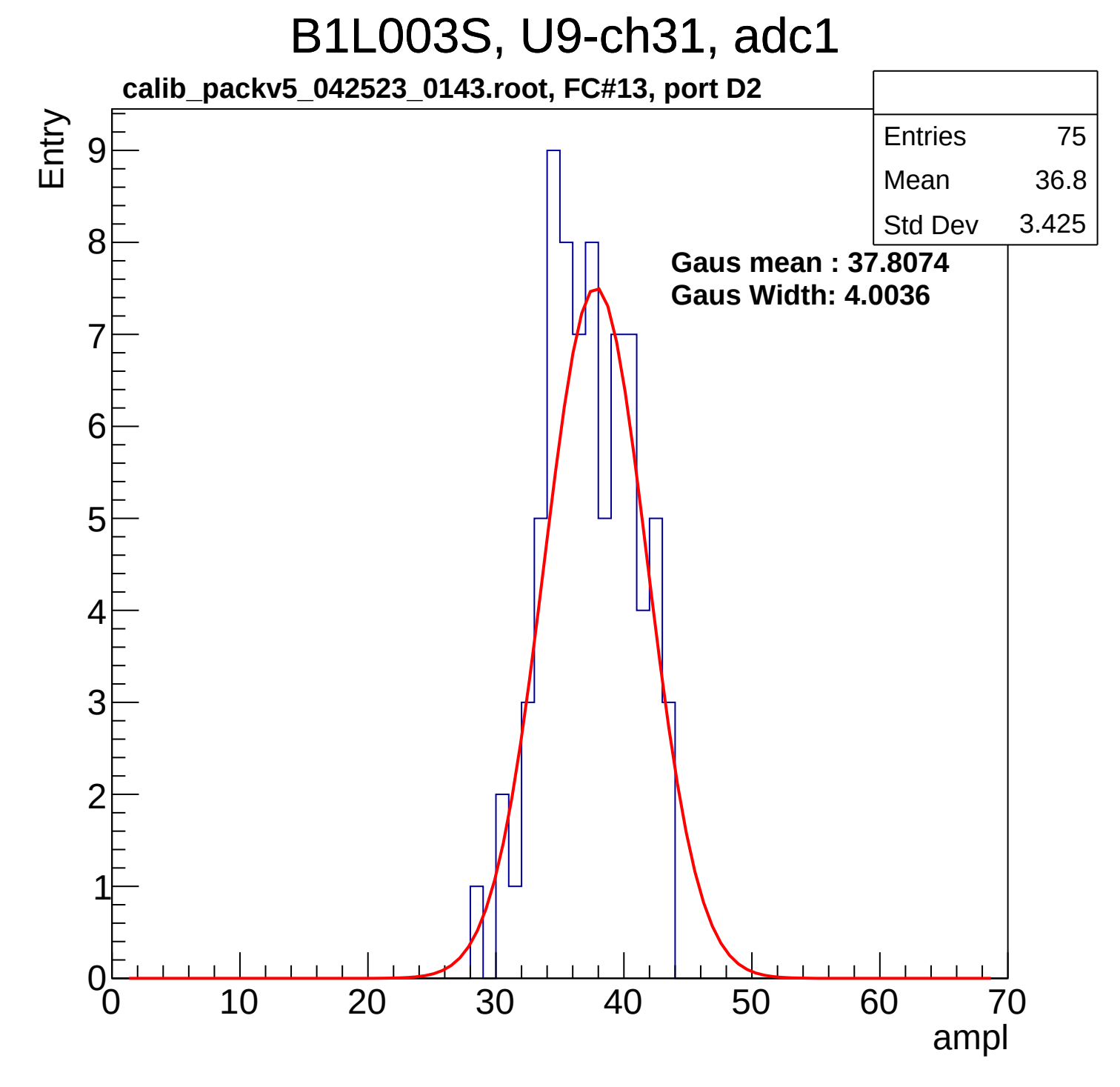
B1L003S, U9-ch31, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 36.8
Std Dev 3.425
Gaus mean : 37.8074
Gaus Width: 4.0036
Entry
ampl
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2
3
4
5
6
7
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9
0
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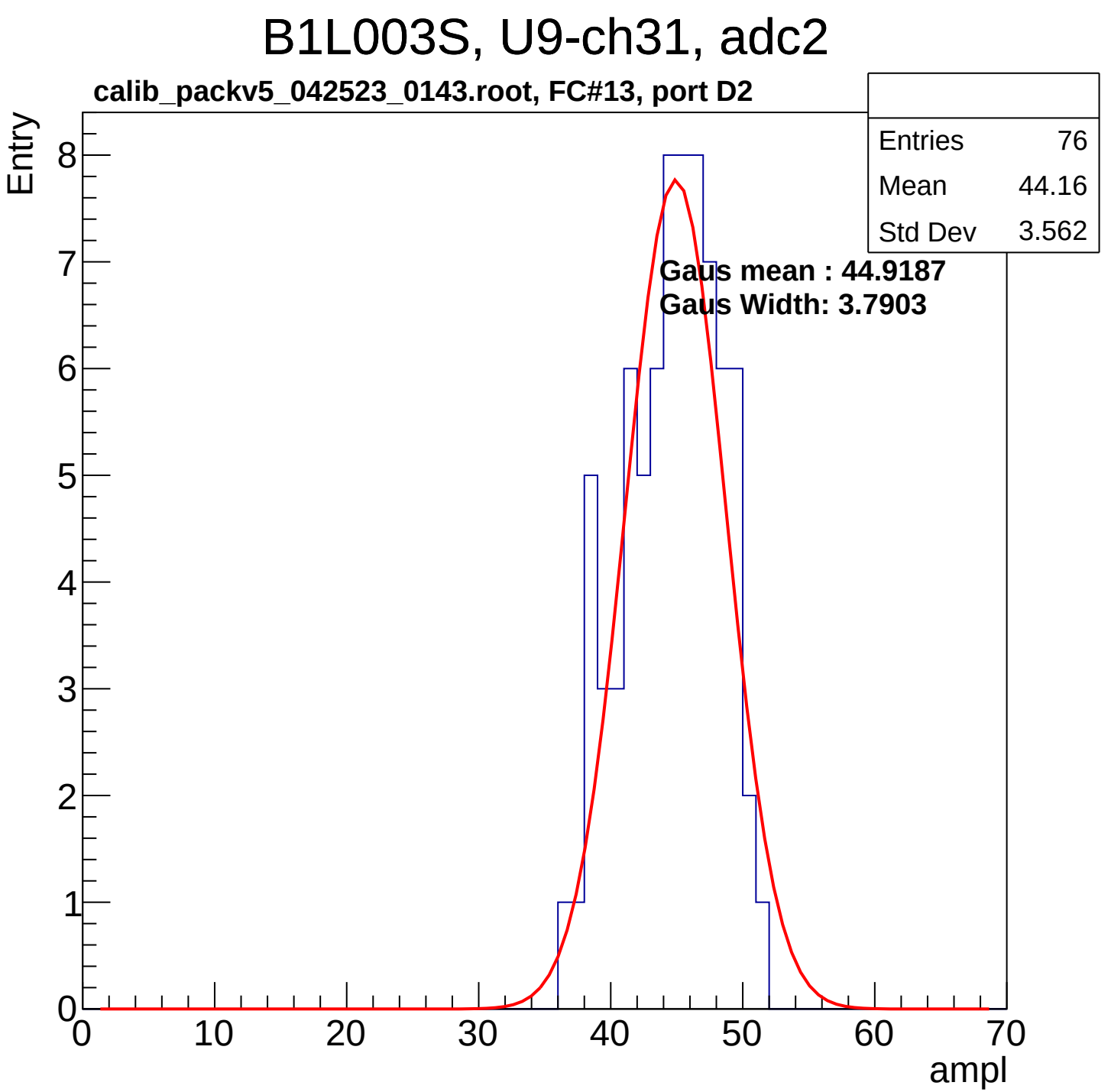
B1L003S, U9-ch31, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 44.16
Std Dev 3.562
Gaus mean : 44.9187
Gaus Width: 3.7903
Entry
ampl
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1
2
3
4
5
6
7
8
0
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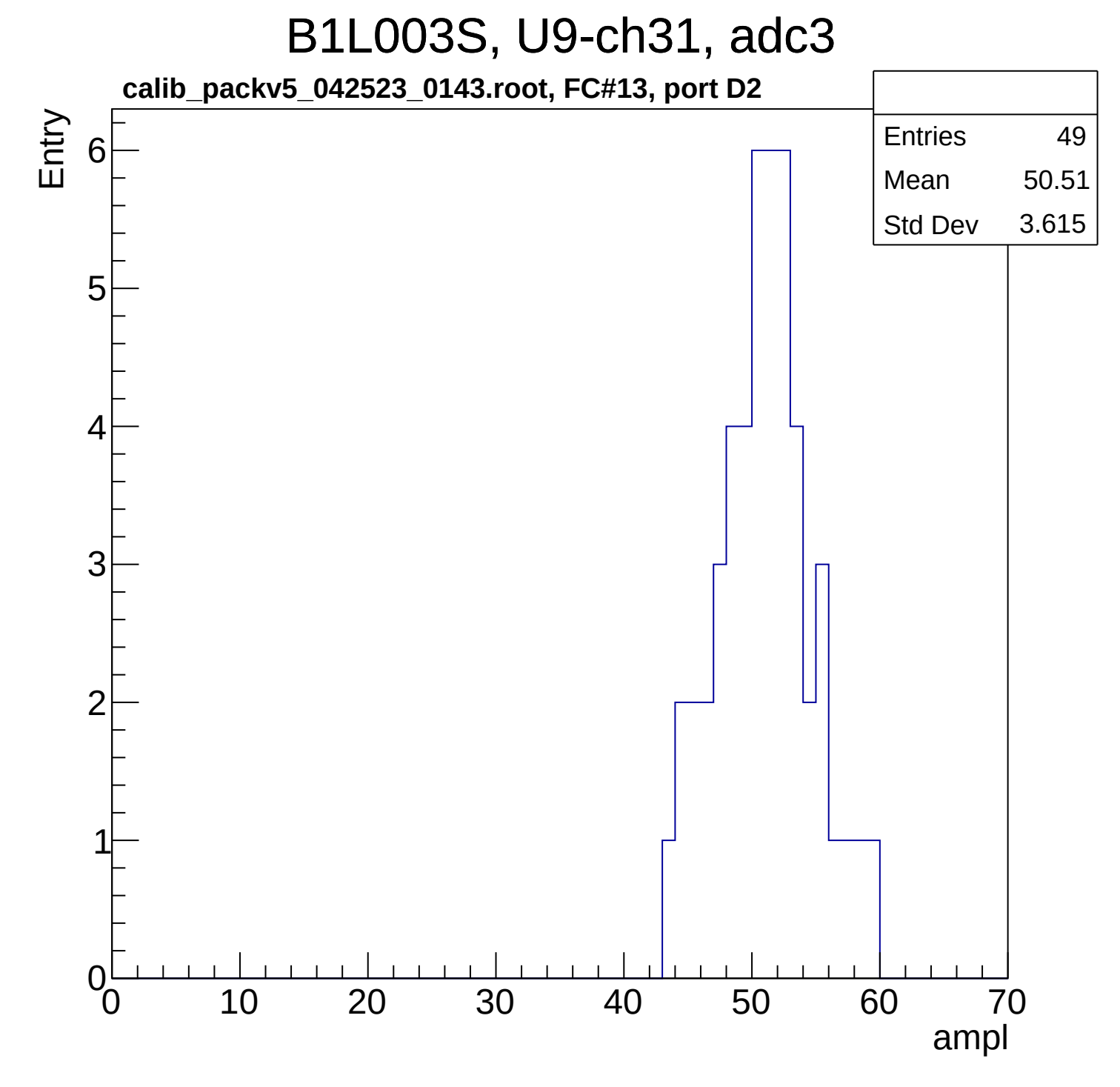
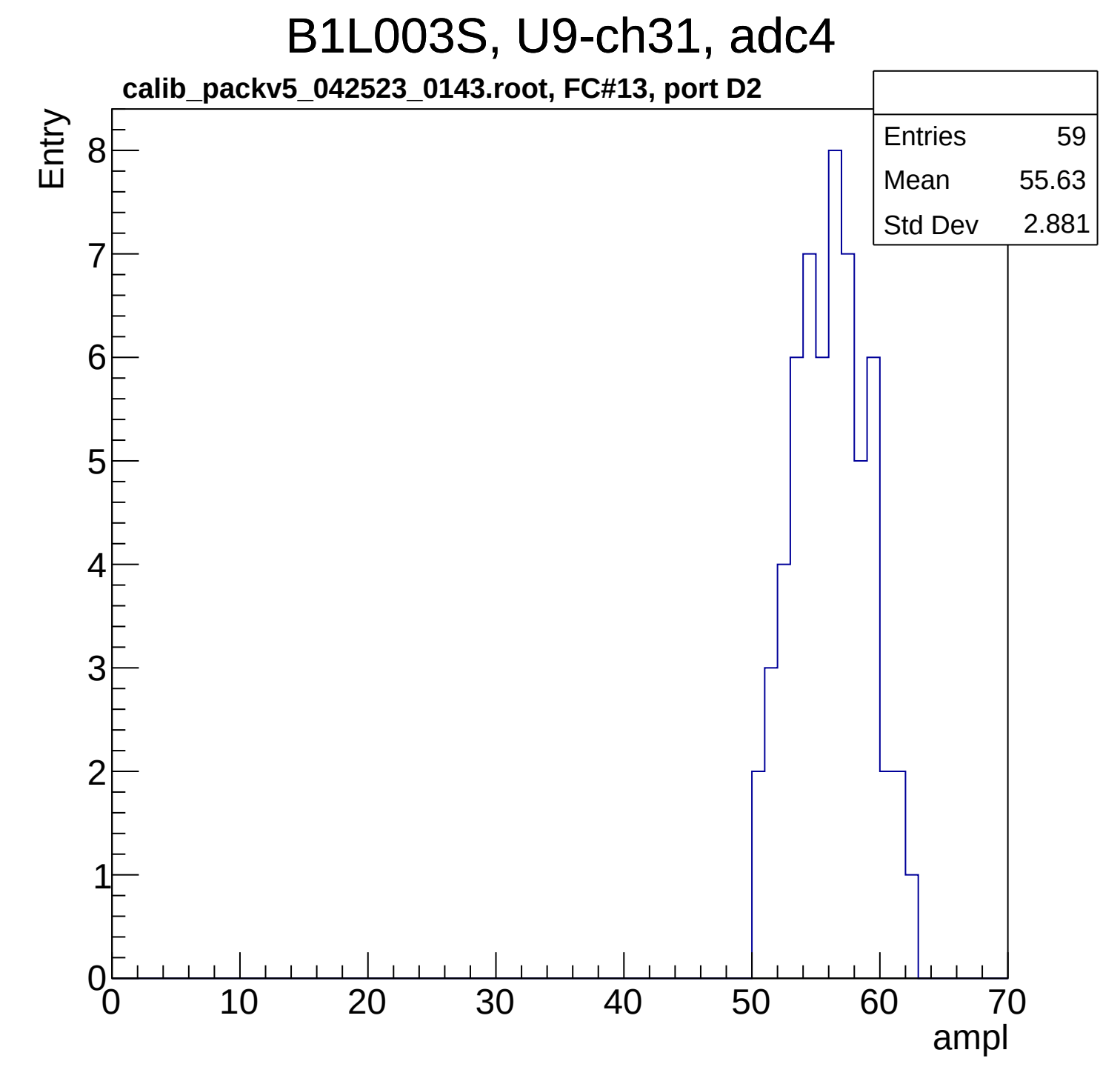
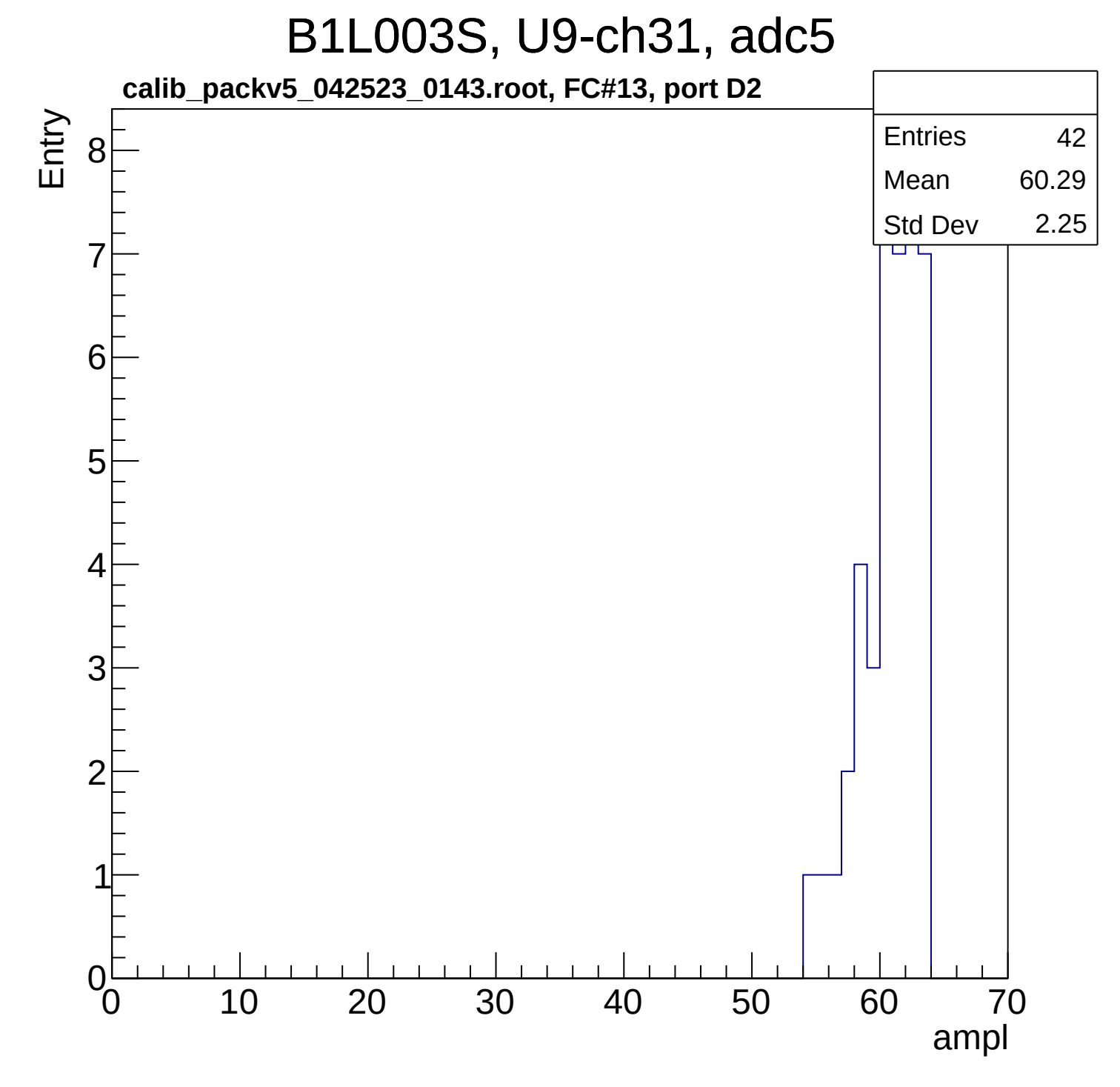

B1L003S, U9-ch31, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 50.51
Std Dev 3.615
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch31, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 55.63
Std Dev 2.881
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch31, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 60.29
Std Dev 2.25
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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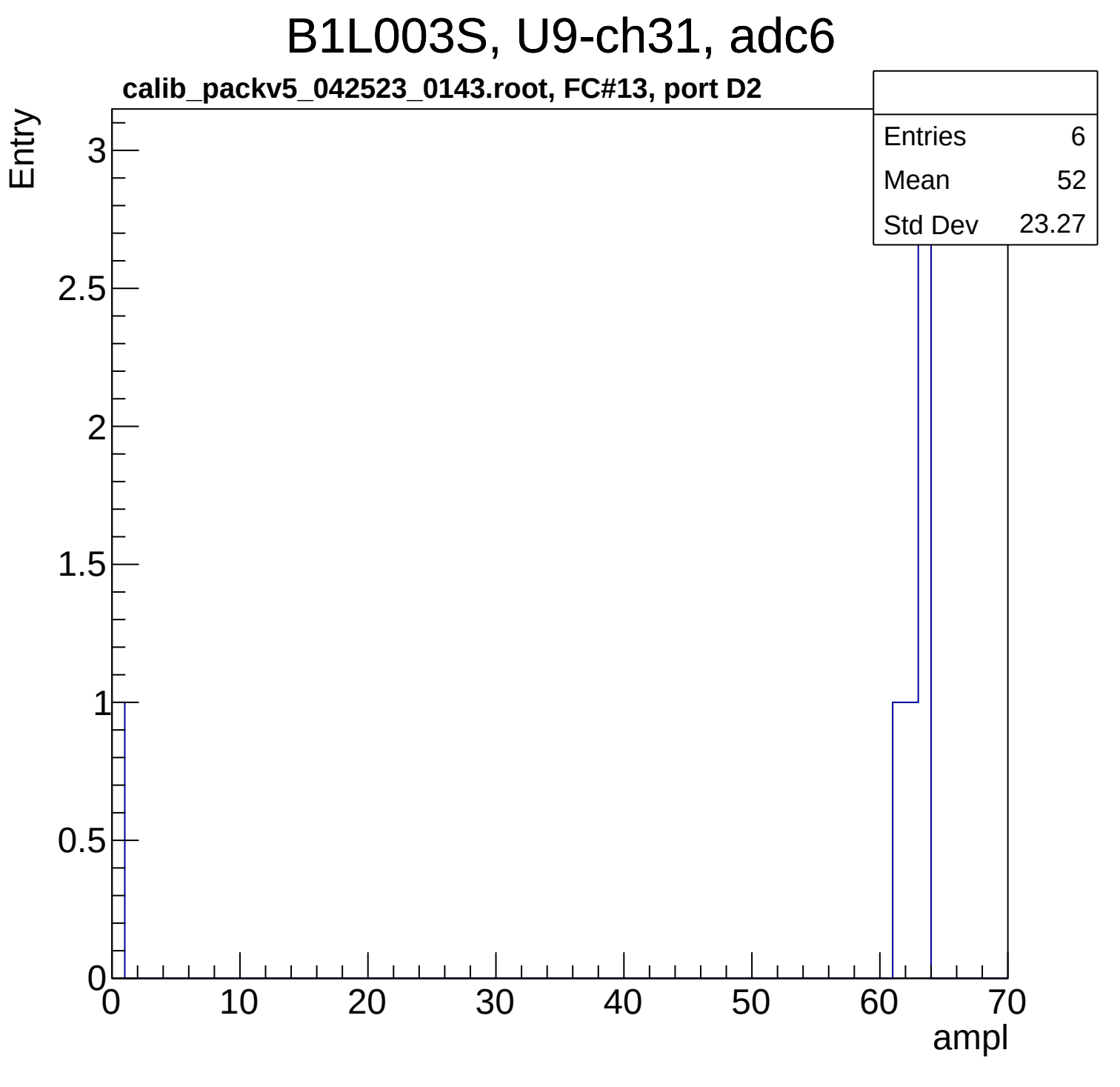
B1L003S, U9-ch31, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 52
Std Dev 23.27
Entry
ampl
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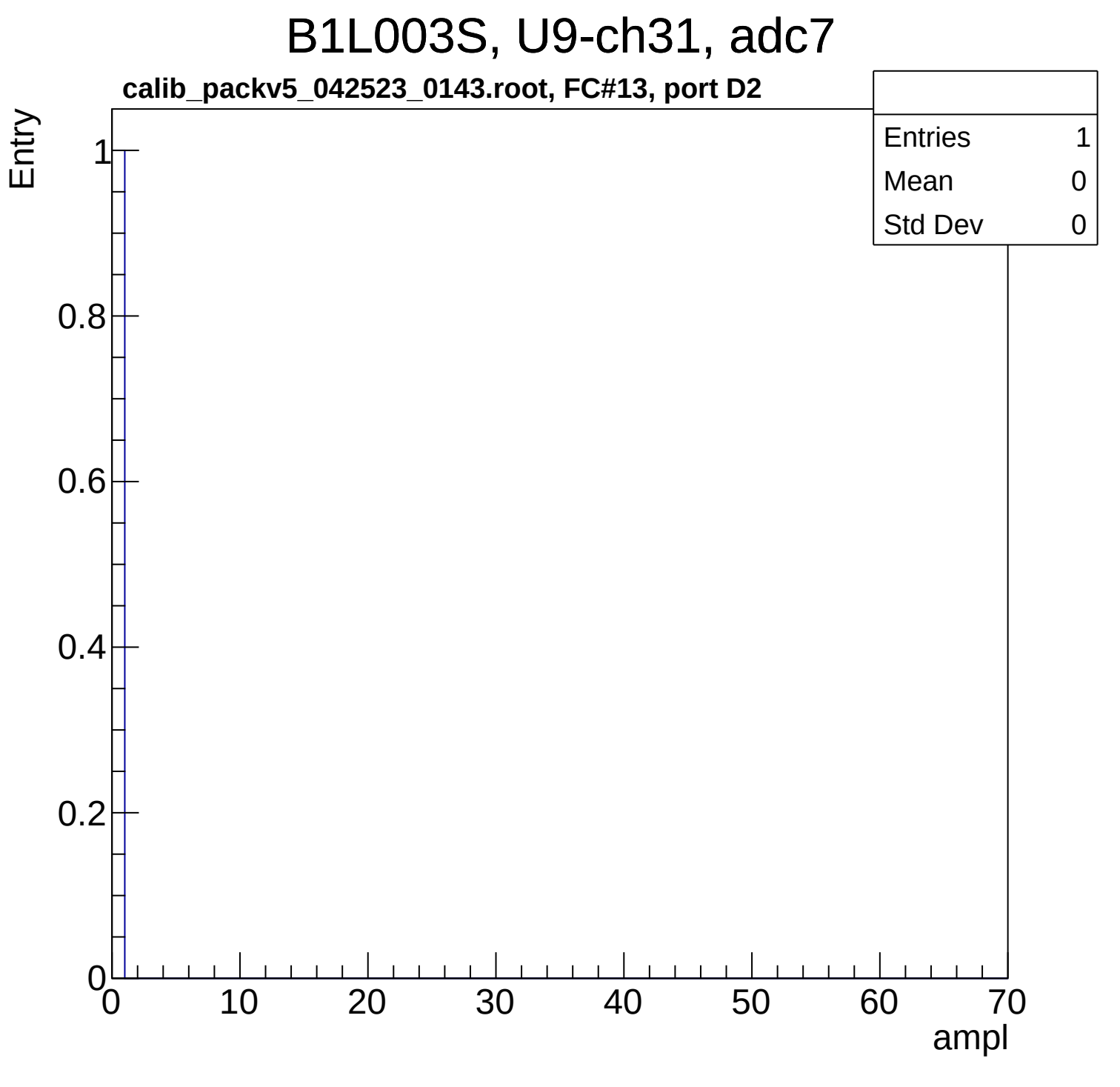
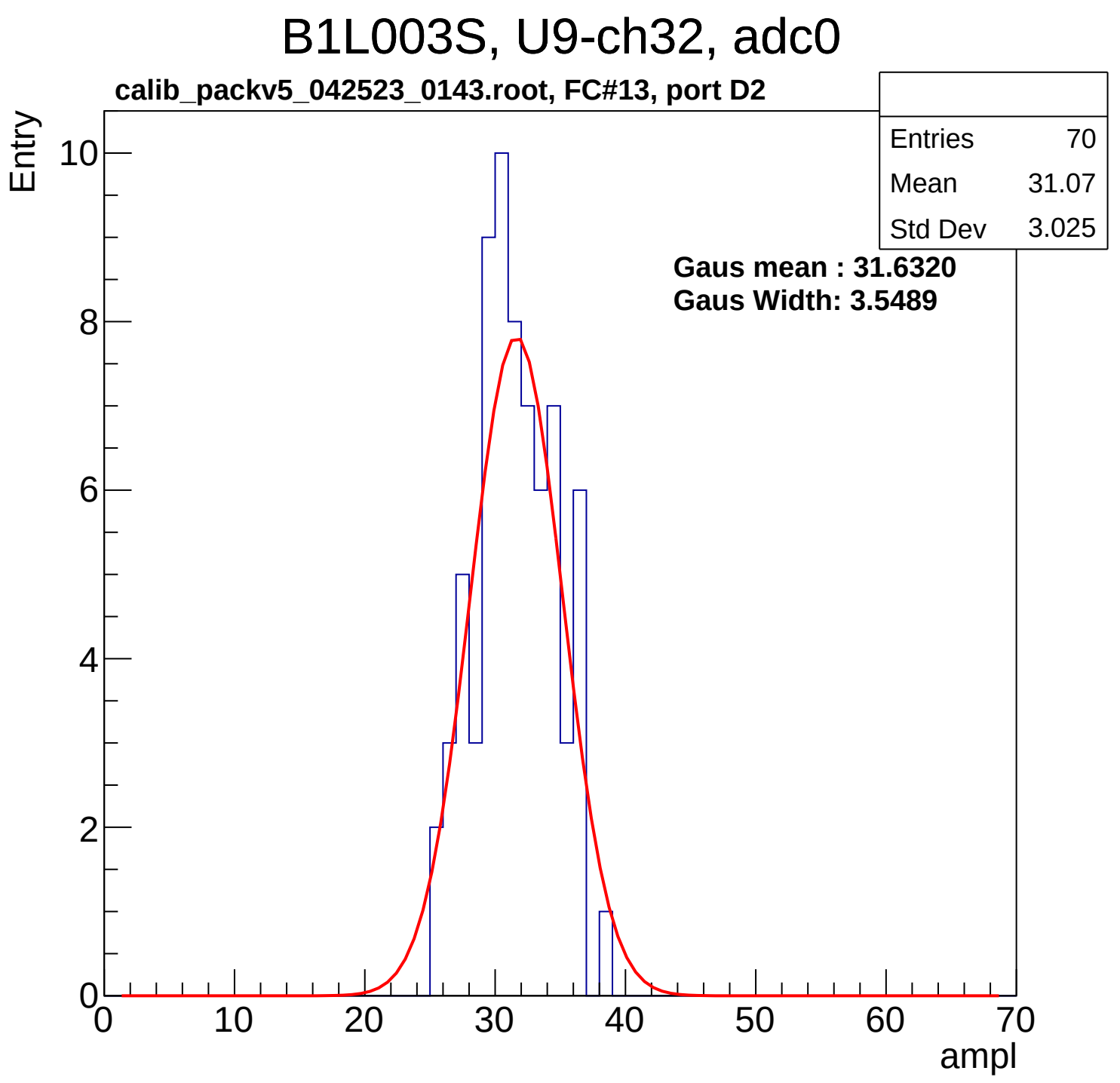
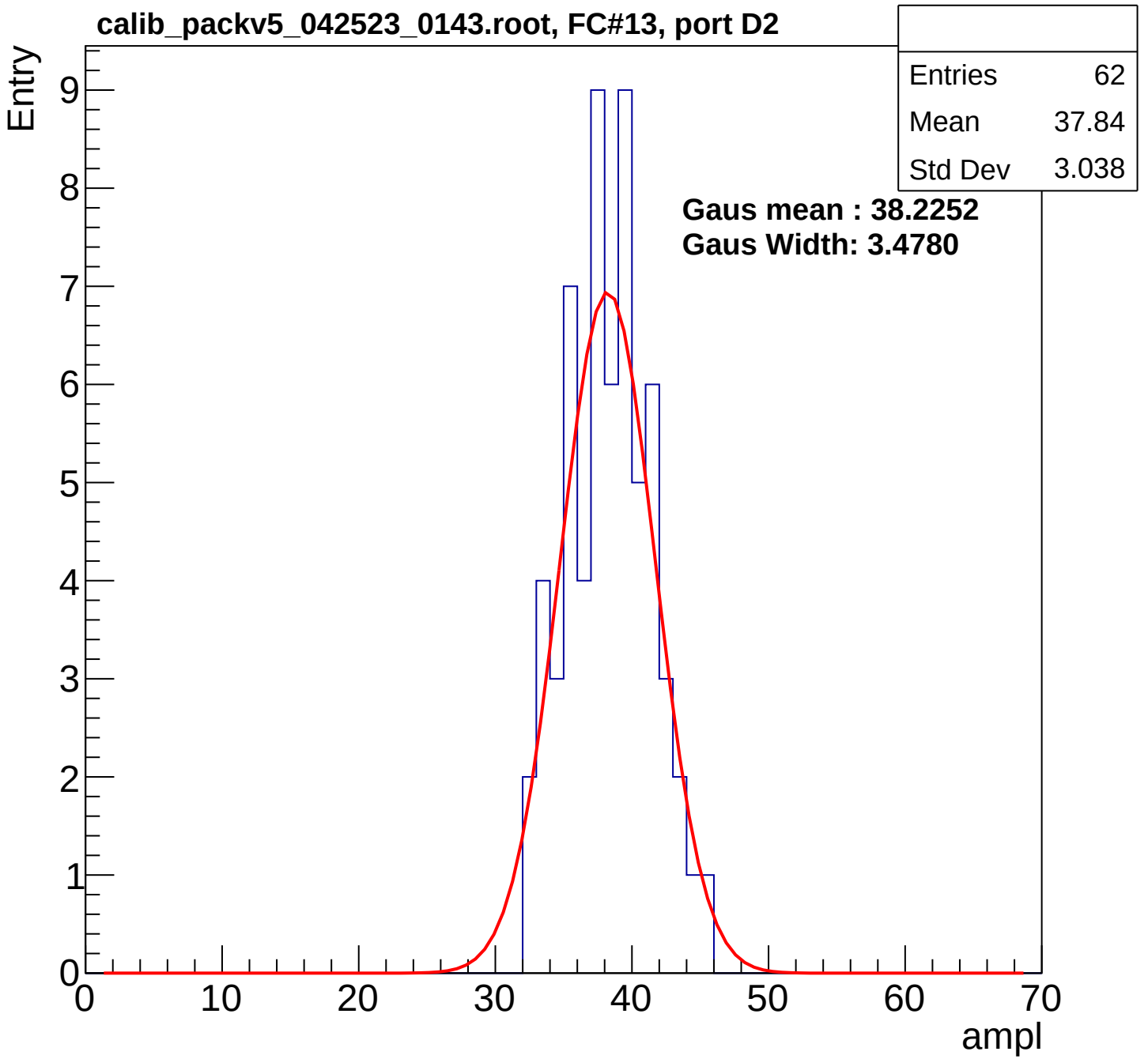
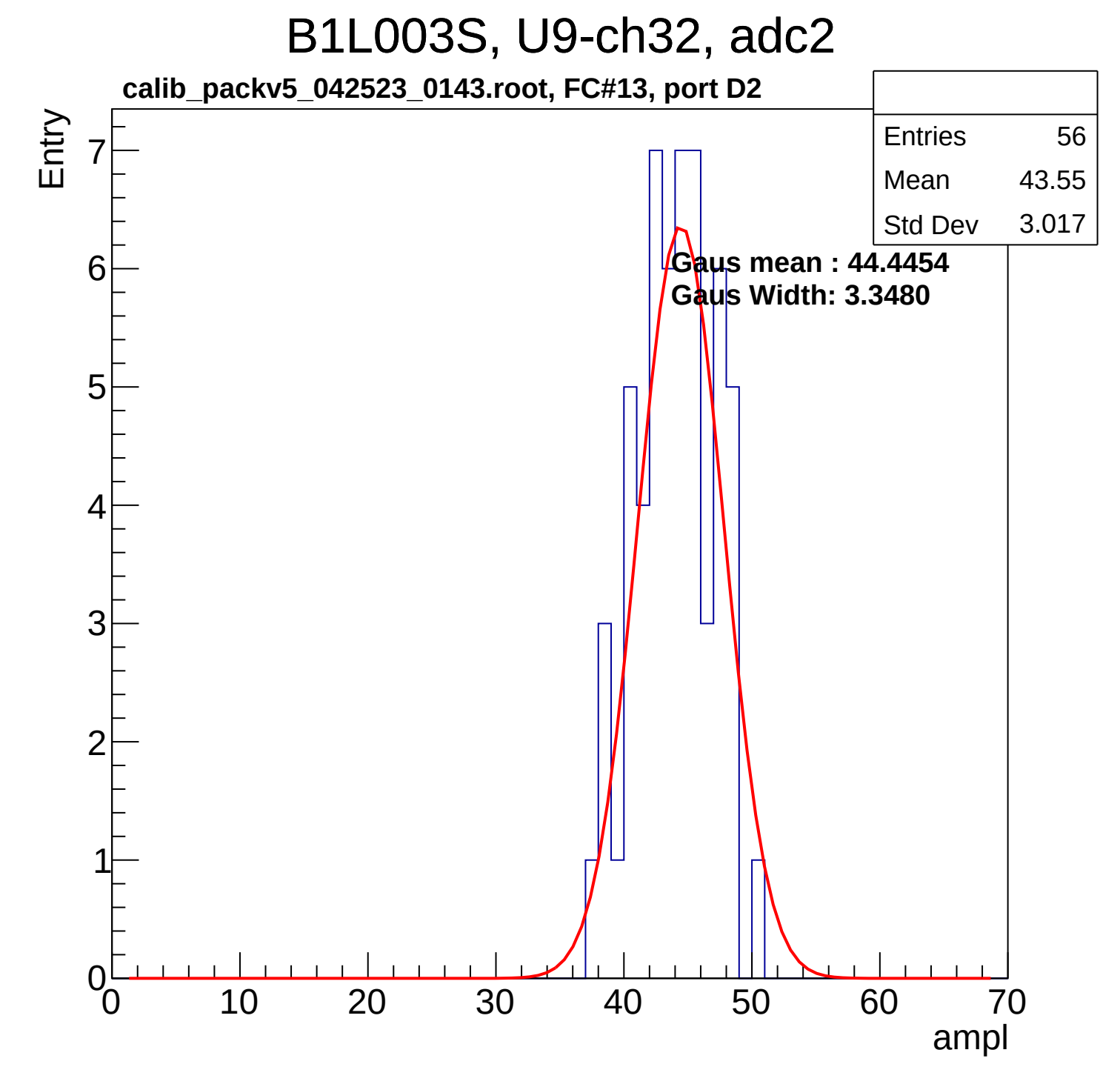
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch31, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch32, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 31.07
Std Dev 3.025
Gaus mean : 31.6320
Gaus Width: 3.5489
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch32, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 37.84
Std Dev 3.038
Gaus mean : 38.2252
Gaus Width: 3.4780
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch32, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 43.55
Std Dev 3.017
Gaus mean : 44.4454
Gaus Width: 3.3480
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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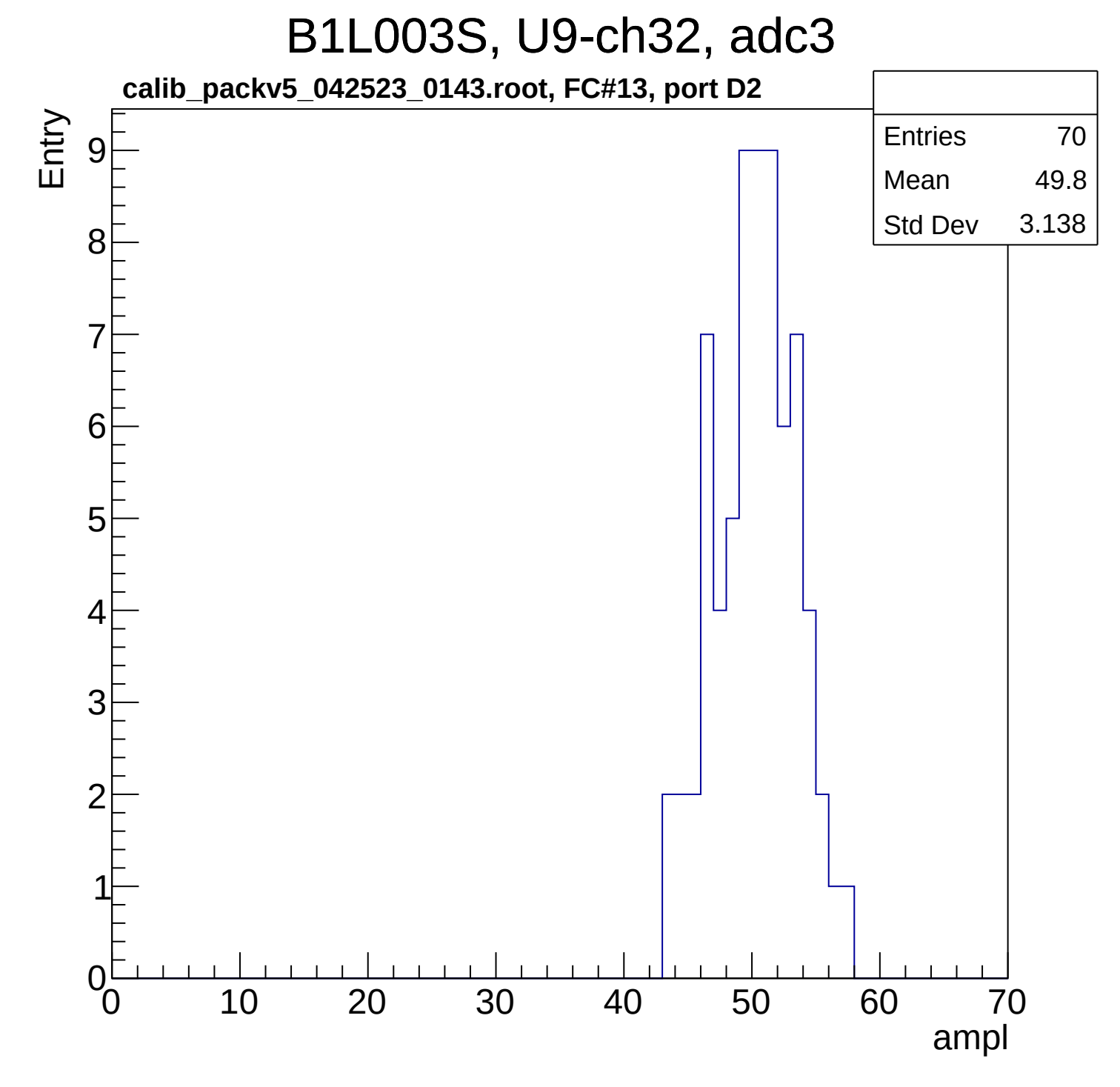
B1L003S, U9-ch32, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 49.8
Std Dev 3.138
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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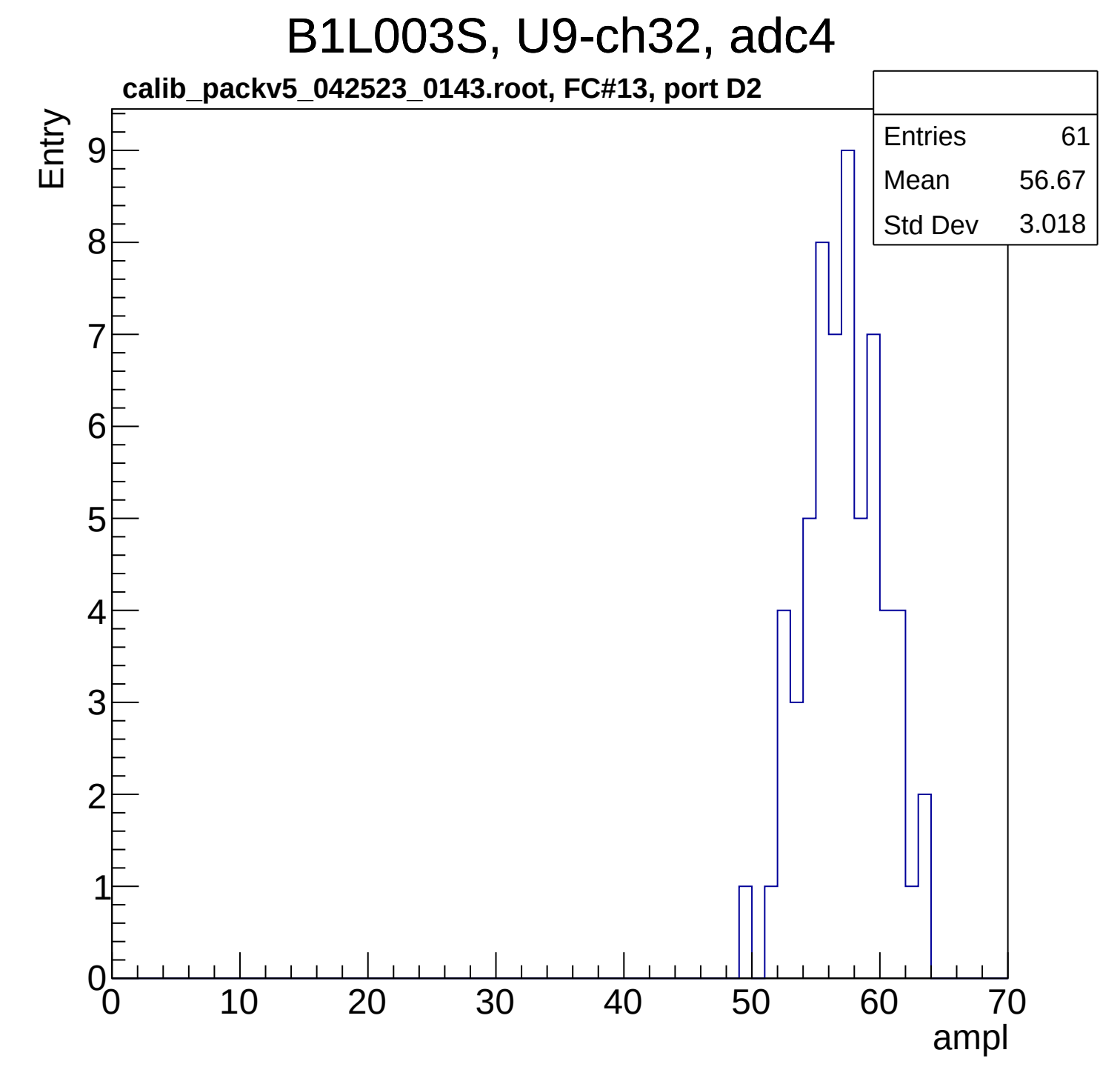
B1L003S, U9-ch32, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 56.67
Std Dev 3.018
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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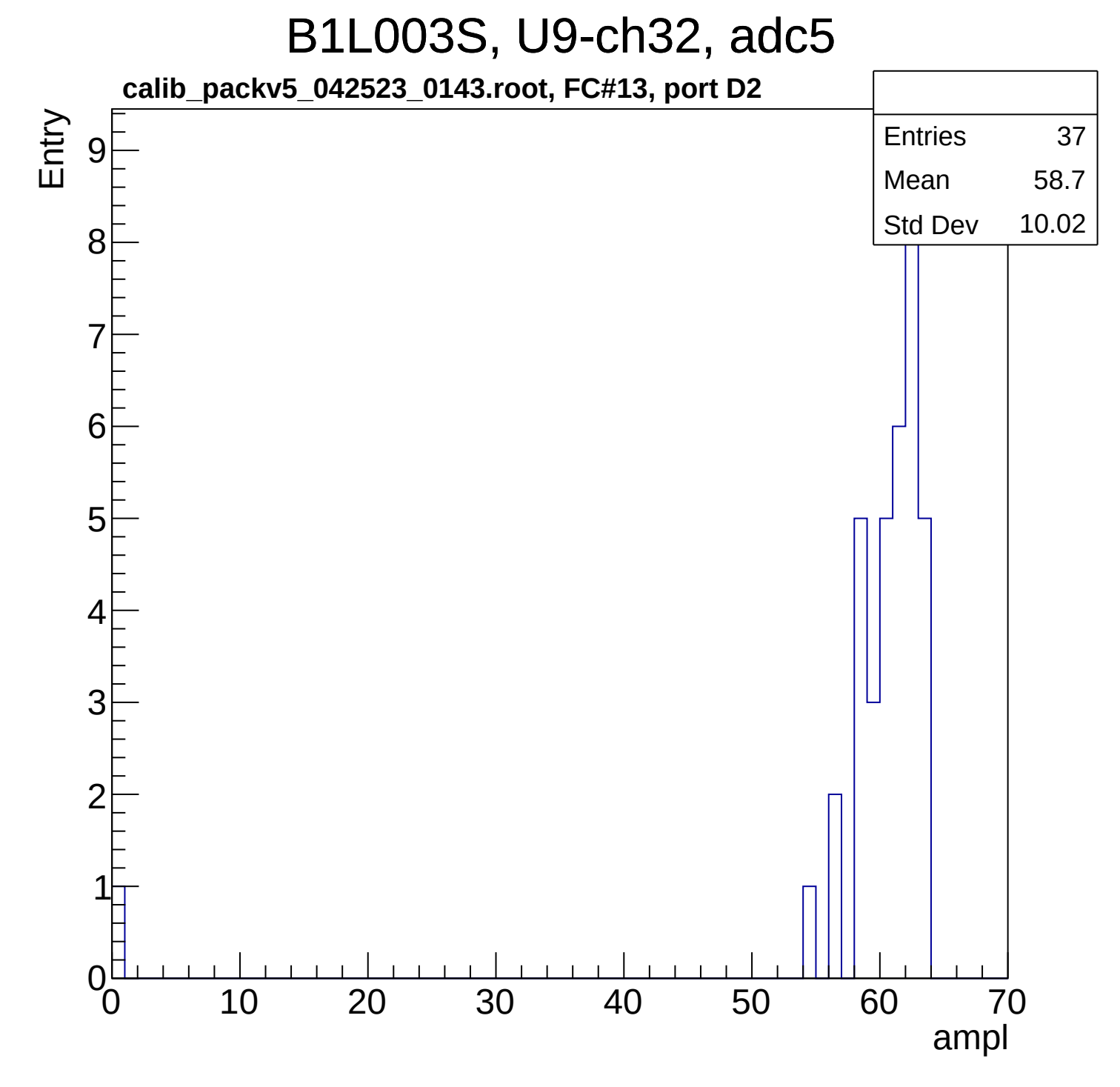
B1L003S, U9-ch32, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 58.7
Std Dev 10.02
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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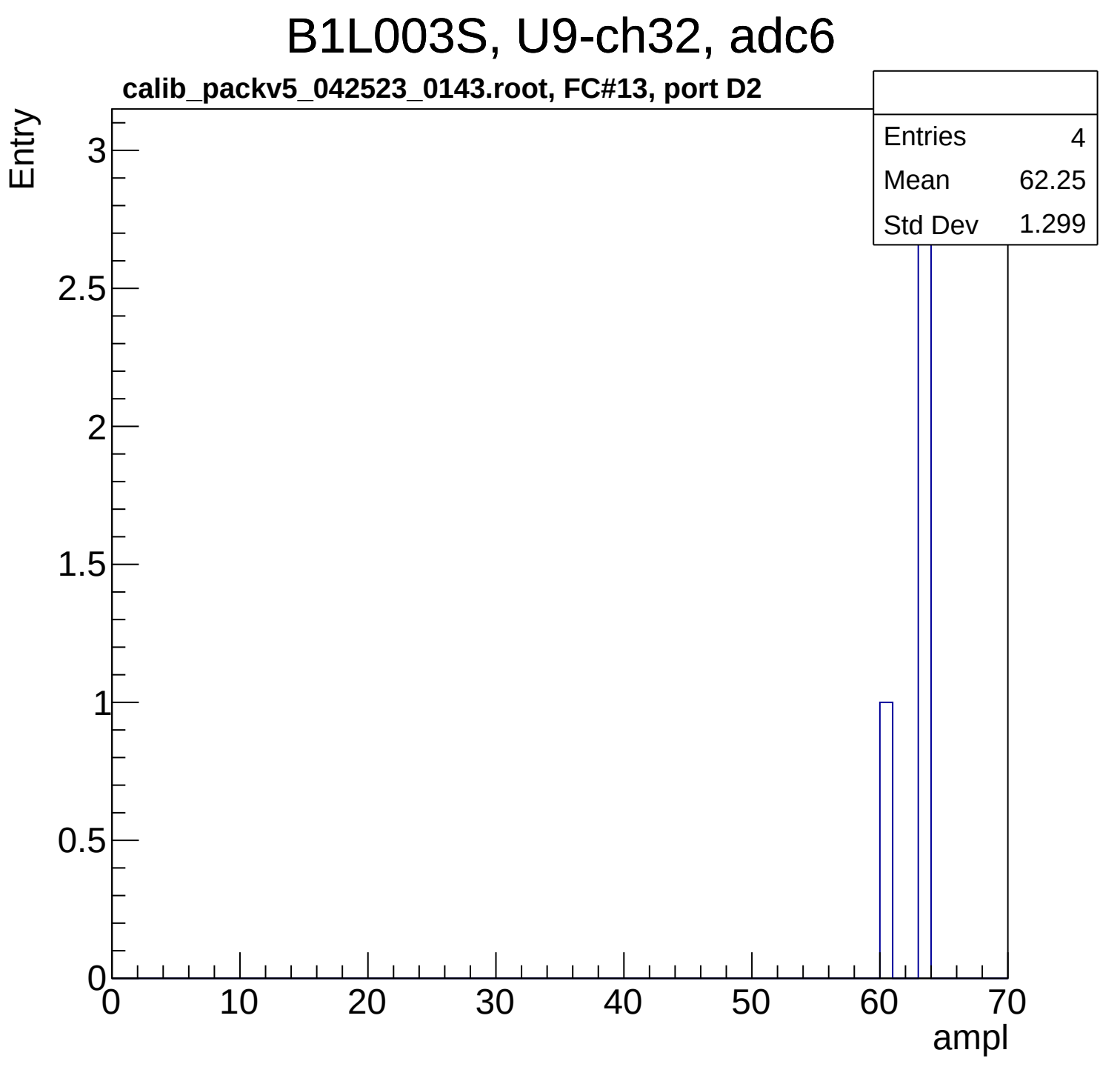
B1L003S, U9-ch32, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.25
Std Dev 1.299
Entry
ampl
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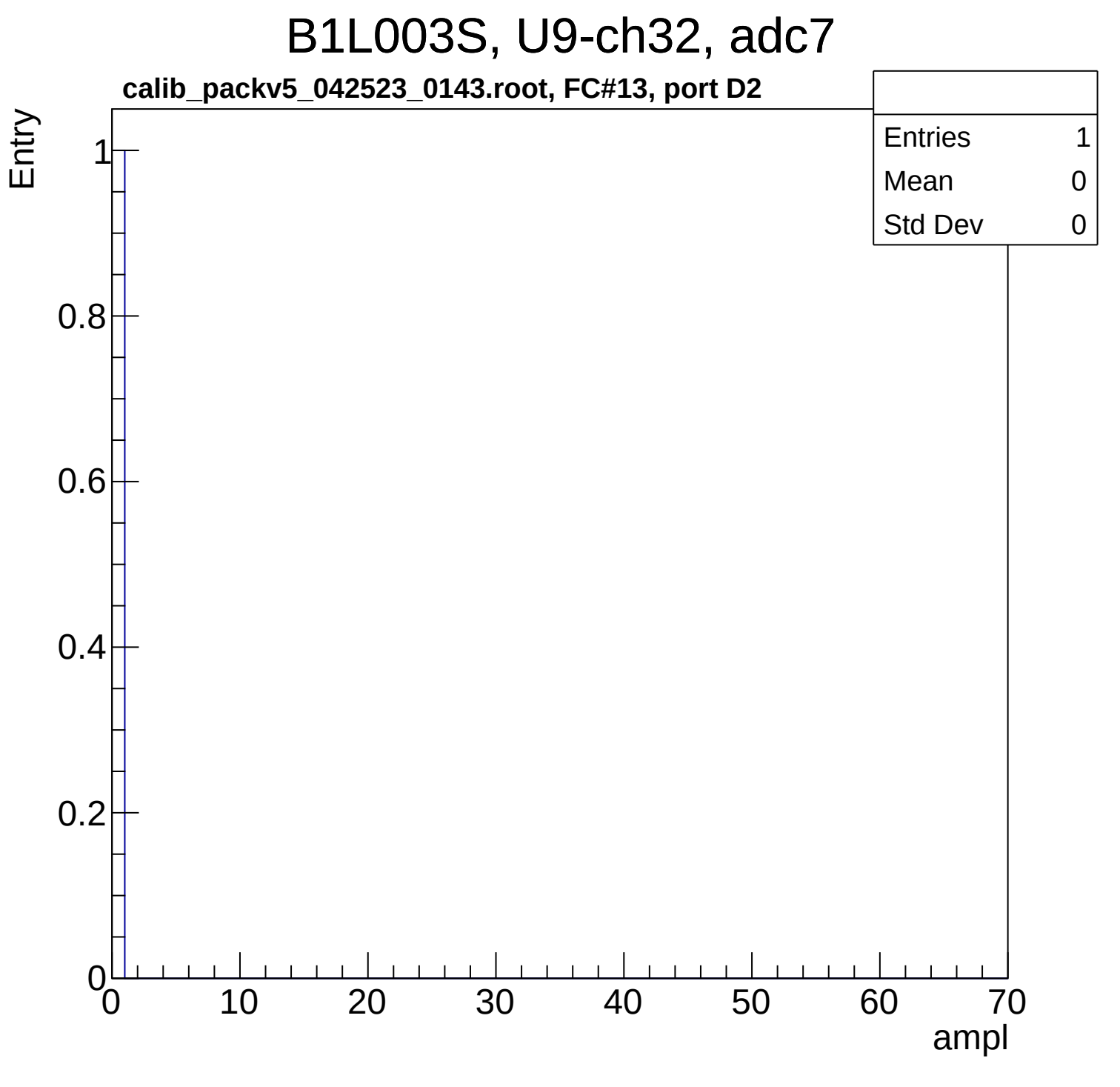
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch32, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
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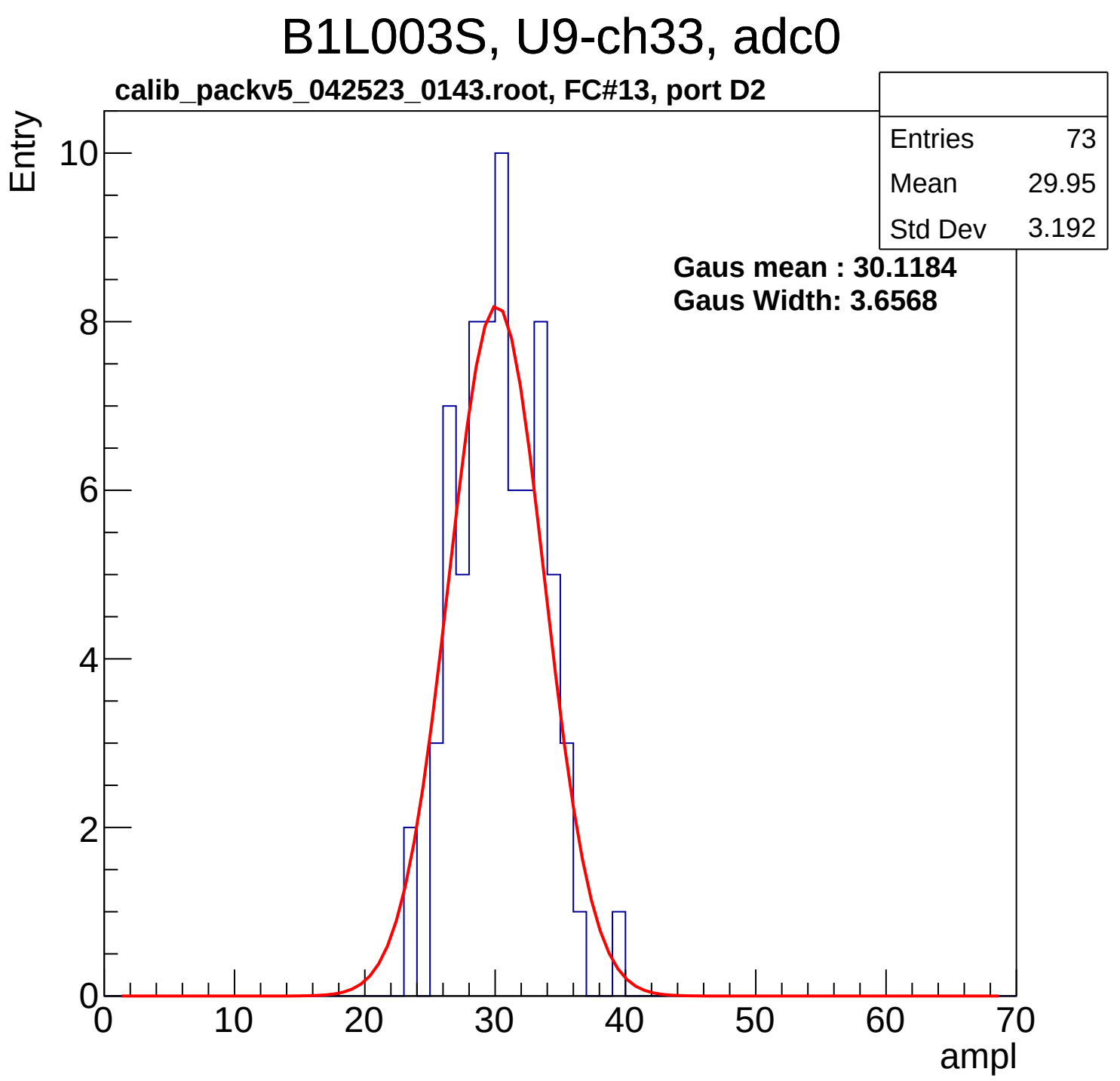
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch33, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 29.95
Std Dev 3.192
Gaus mean : 30.1184
Gaus Width: 3.6568
Entry
ampl
0
2
4
6
8
10
0
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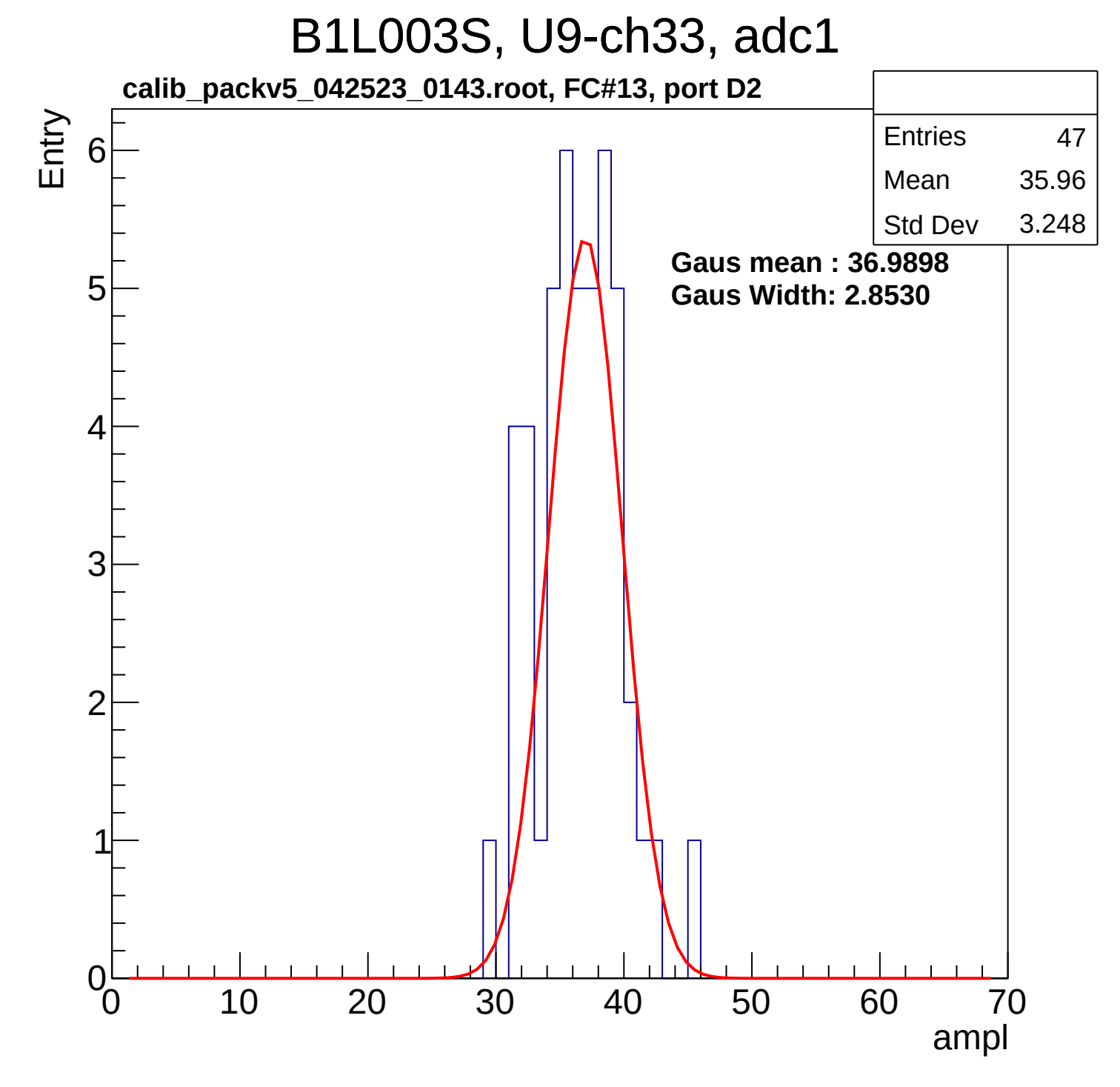
20
30
40
50
60
70


B1L003S, U9-ch33, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 35.96
Std Dev 3.248
Gaus mean : 36.9898
Gaus Width: 2.8530
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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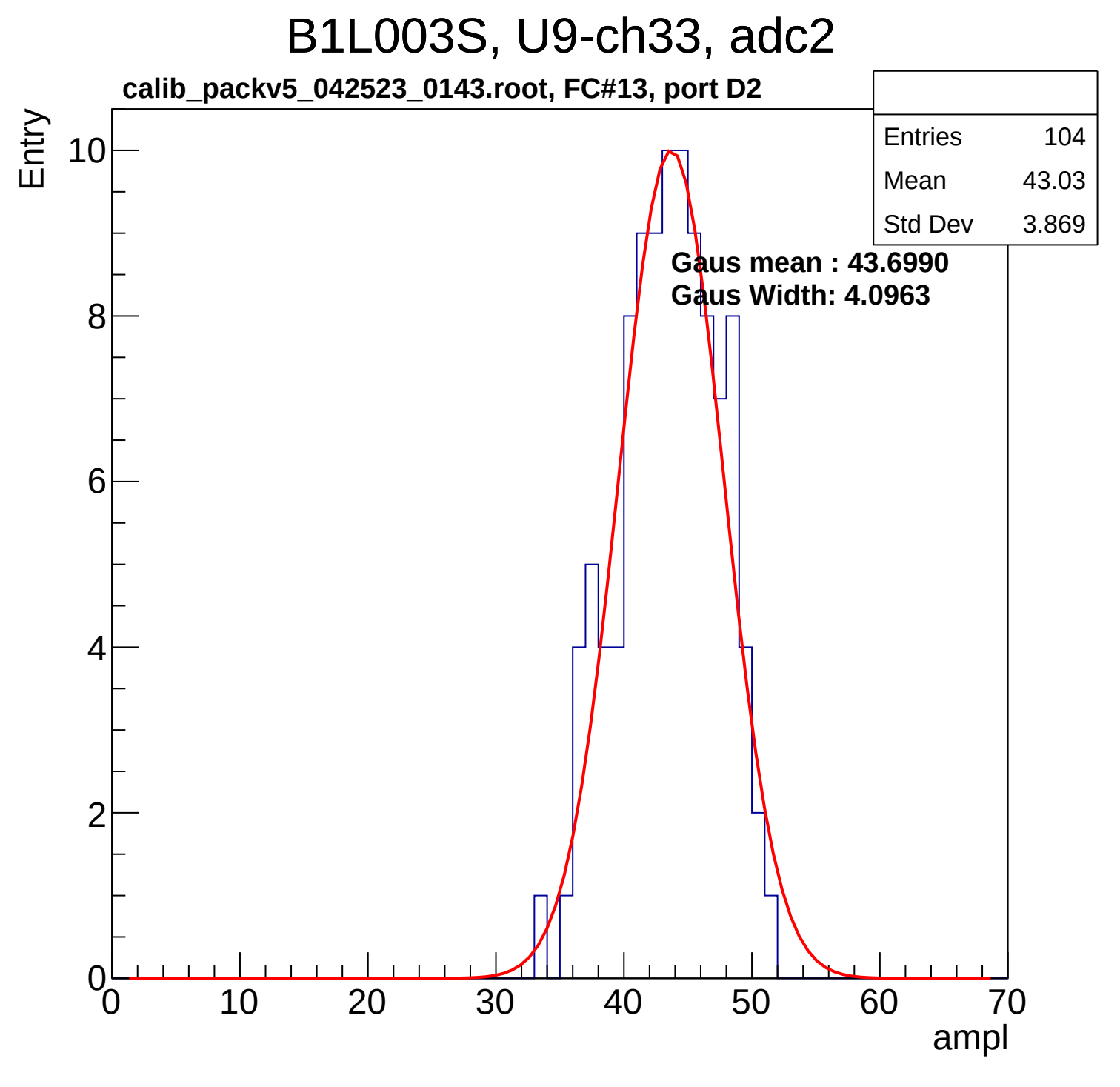
B1L003S, U9-ch33, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 104
Mean 43.03
Std Dev 3.869
Gaus mean : 43.6990
Gaus Width: 4.0963
Entry
ampl
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2
4
6
8
10
0
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20
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40
50
60
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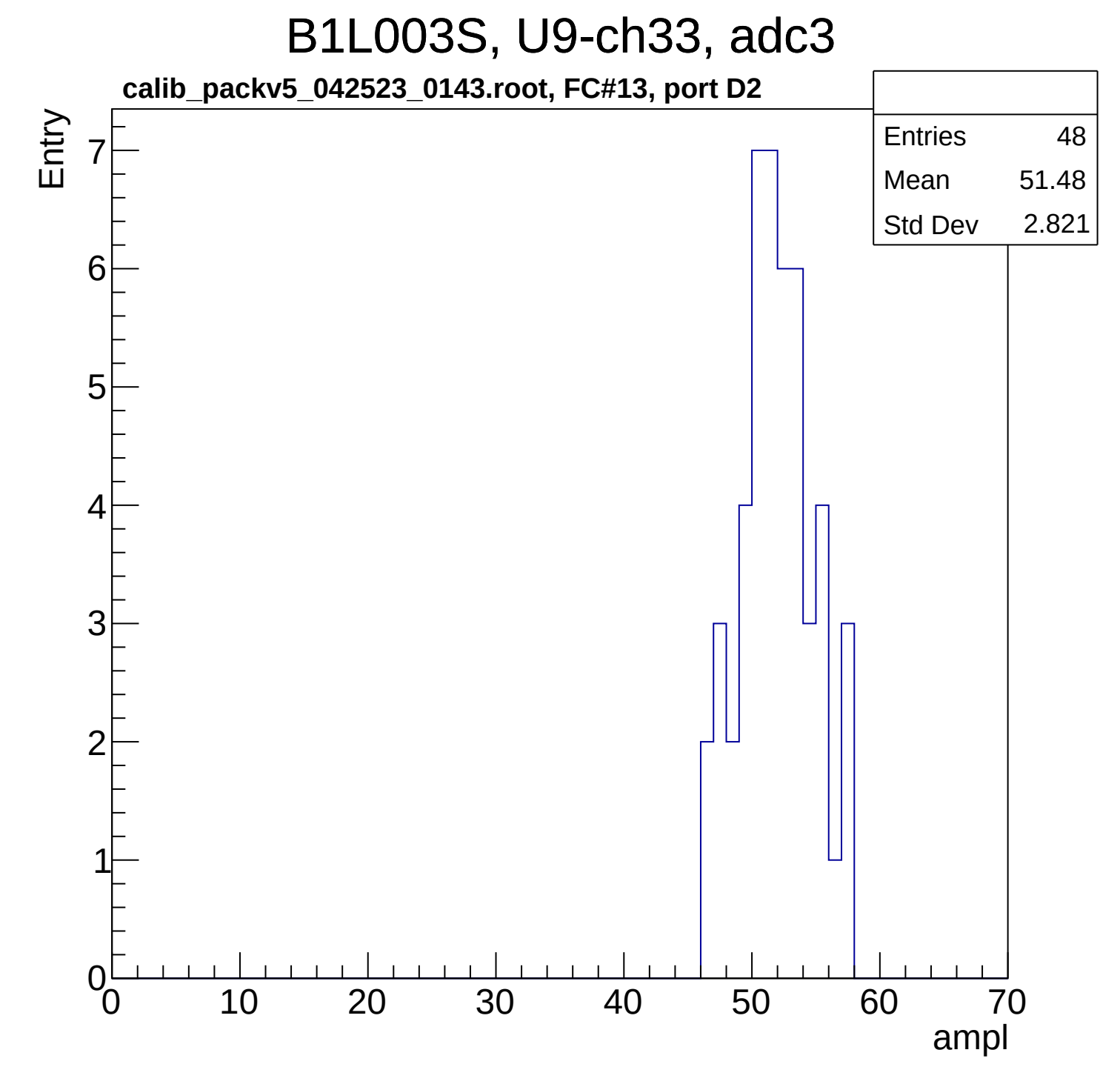
B1L003S, U9-ch33, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 51.48
Std Dev 2.821
Entry
ampl
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0
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60
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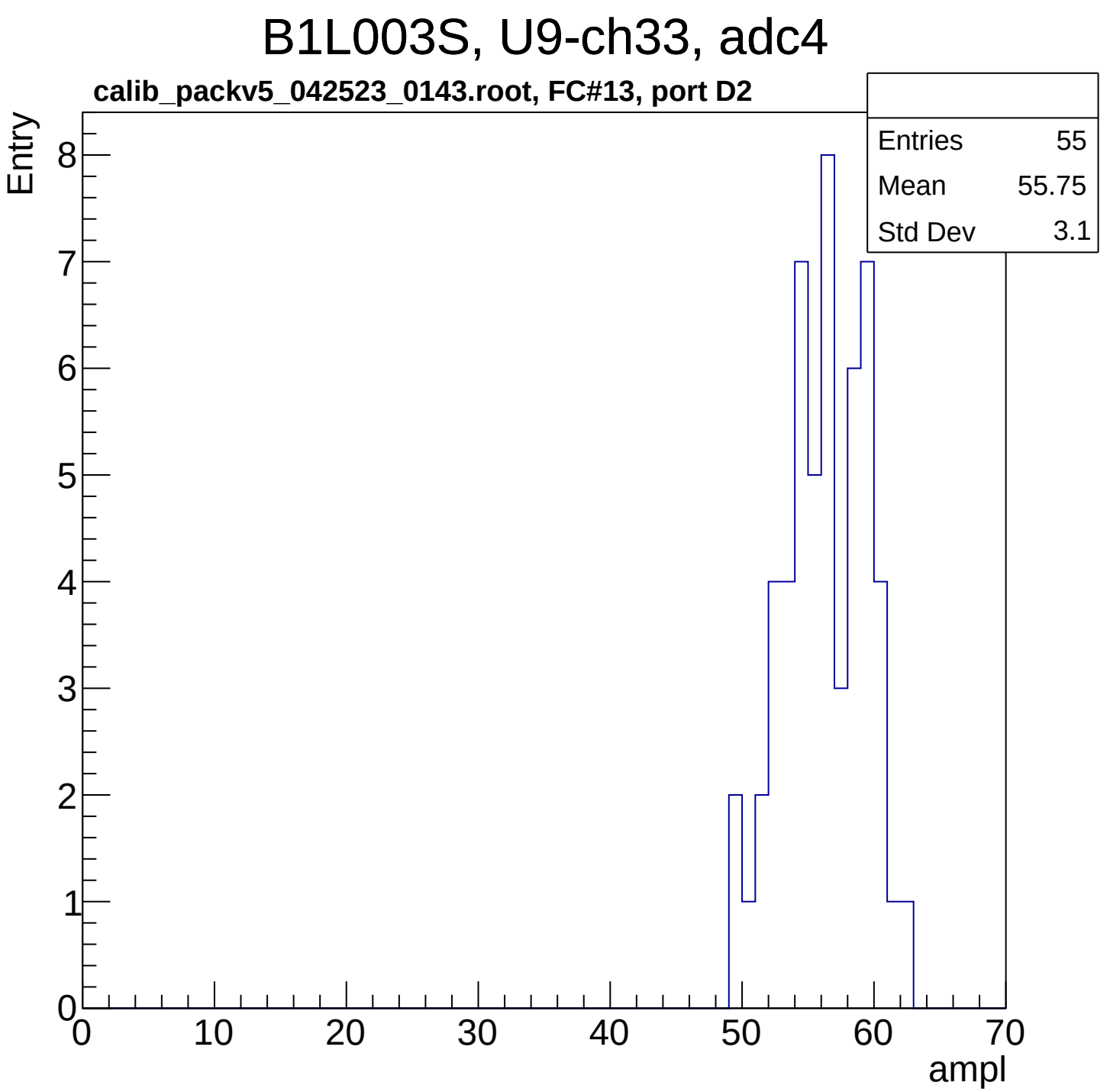
B1L003S, U9-ch33, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 55.75
Std Dev 3.1
Entry
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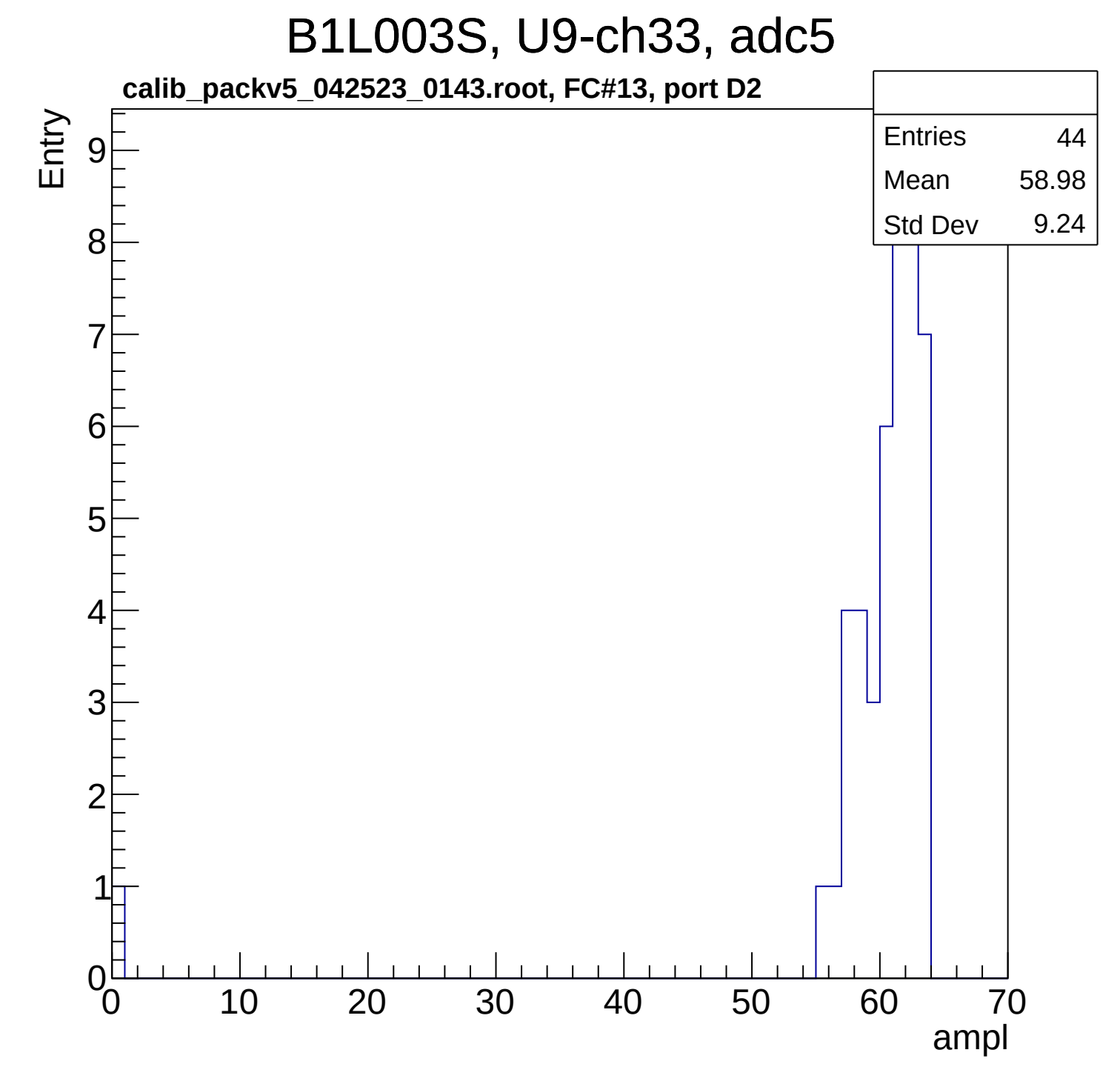
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch33, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 58.98
Std Dev 9.24
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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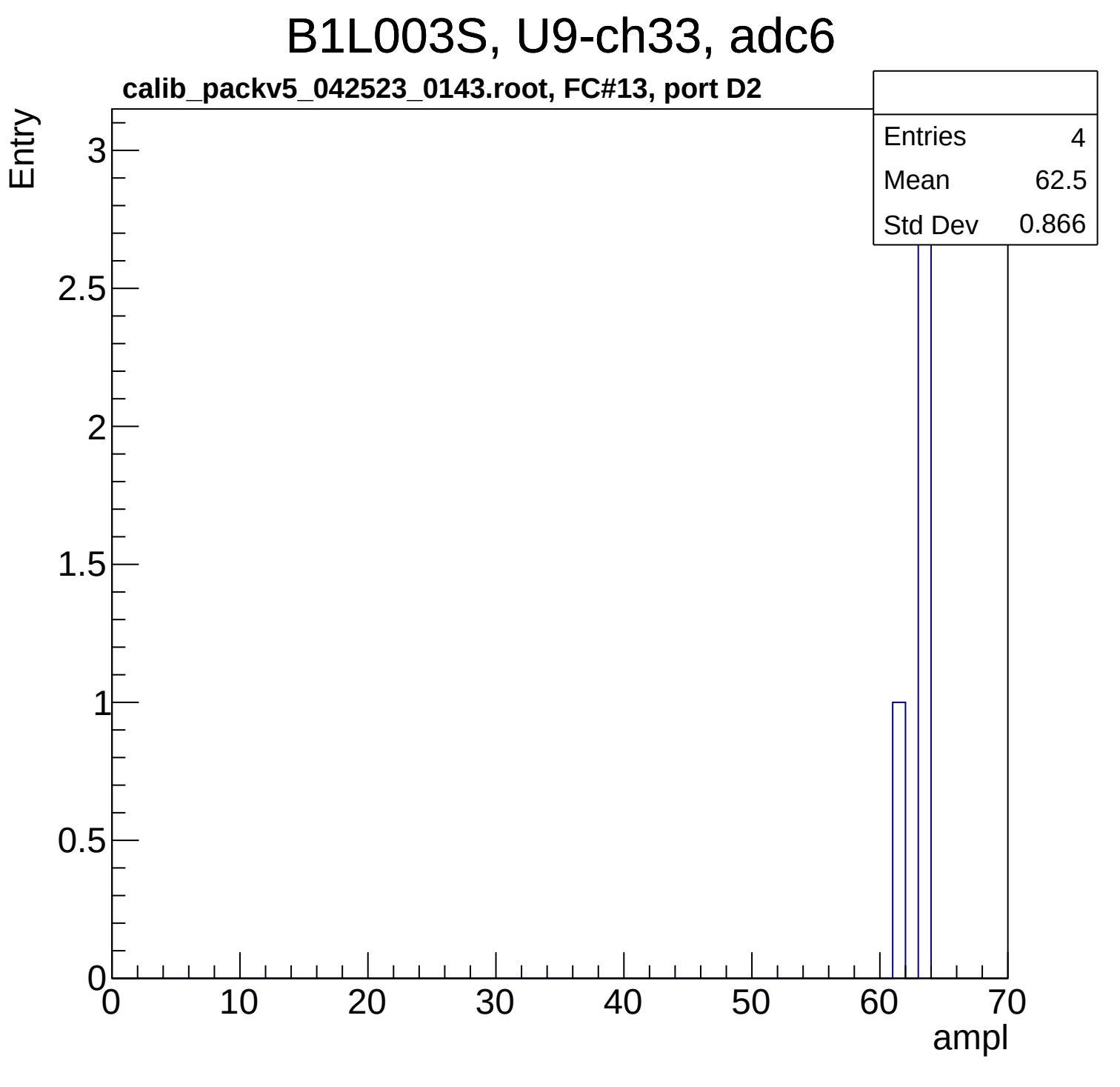
B1L003S, U9-ch33, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.5
Std Dev 0.866
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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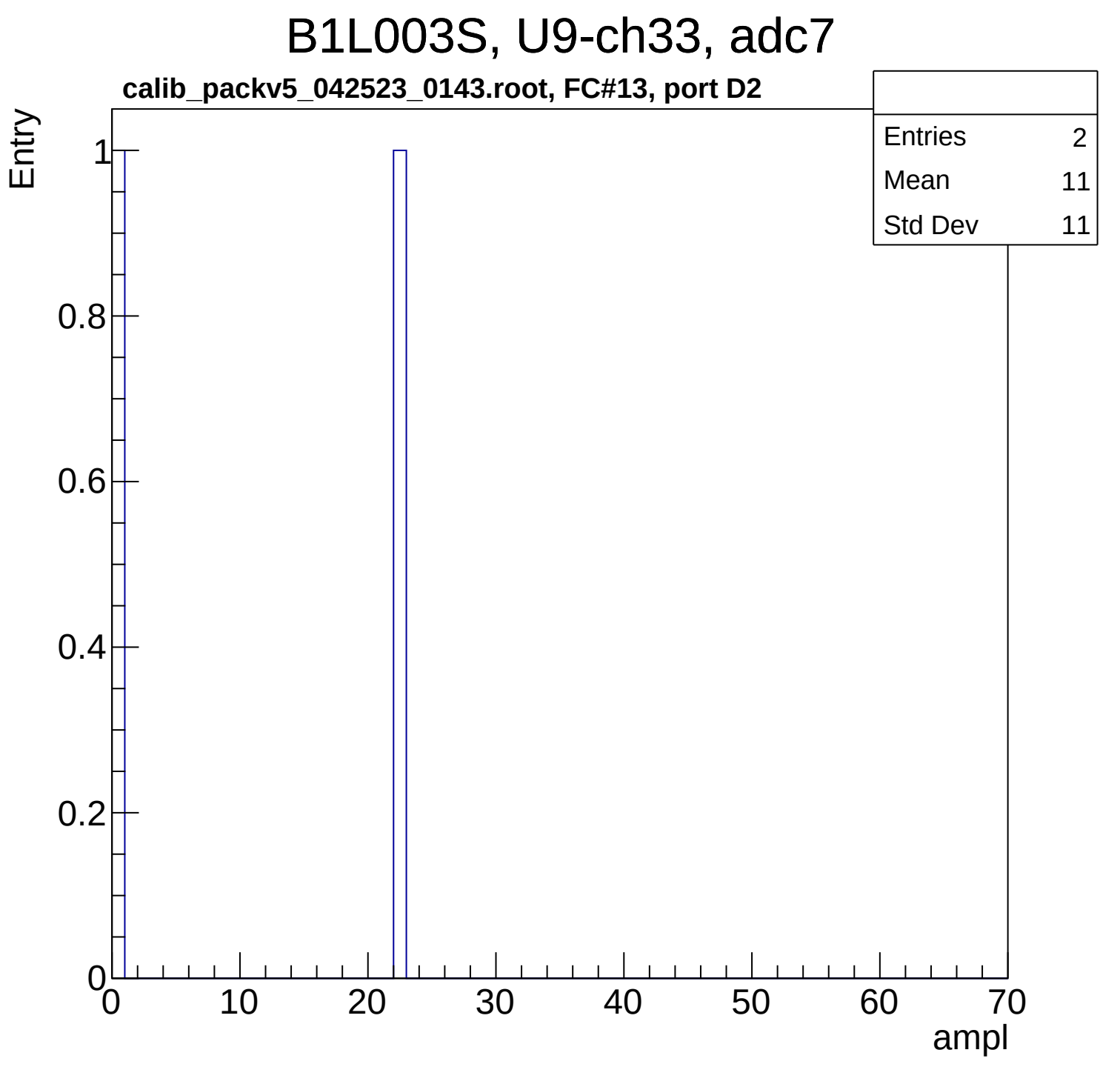
40
50
60
70


B1L003S, U9-ch33, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11
Std Dev 11
Entry
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0.6
0.4
0.2
0
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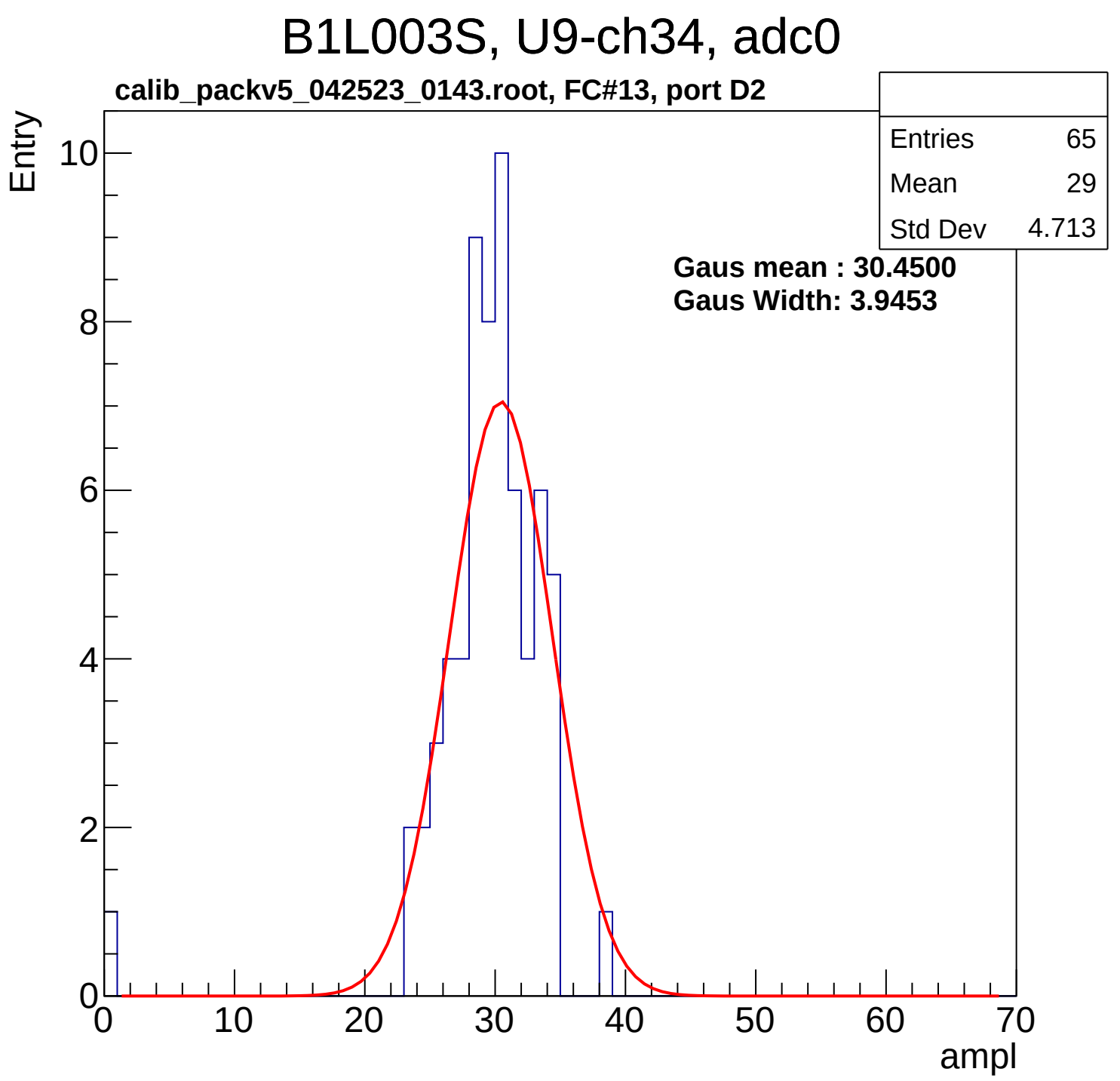
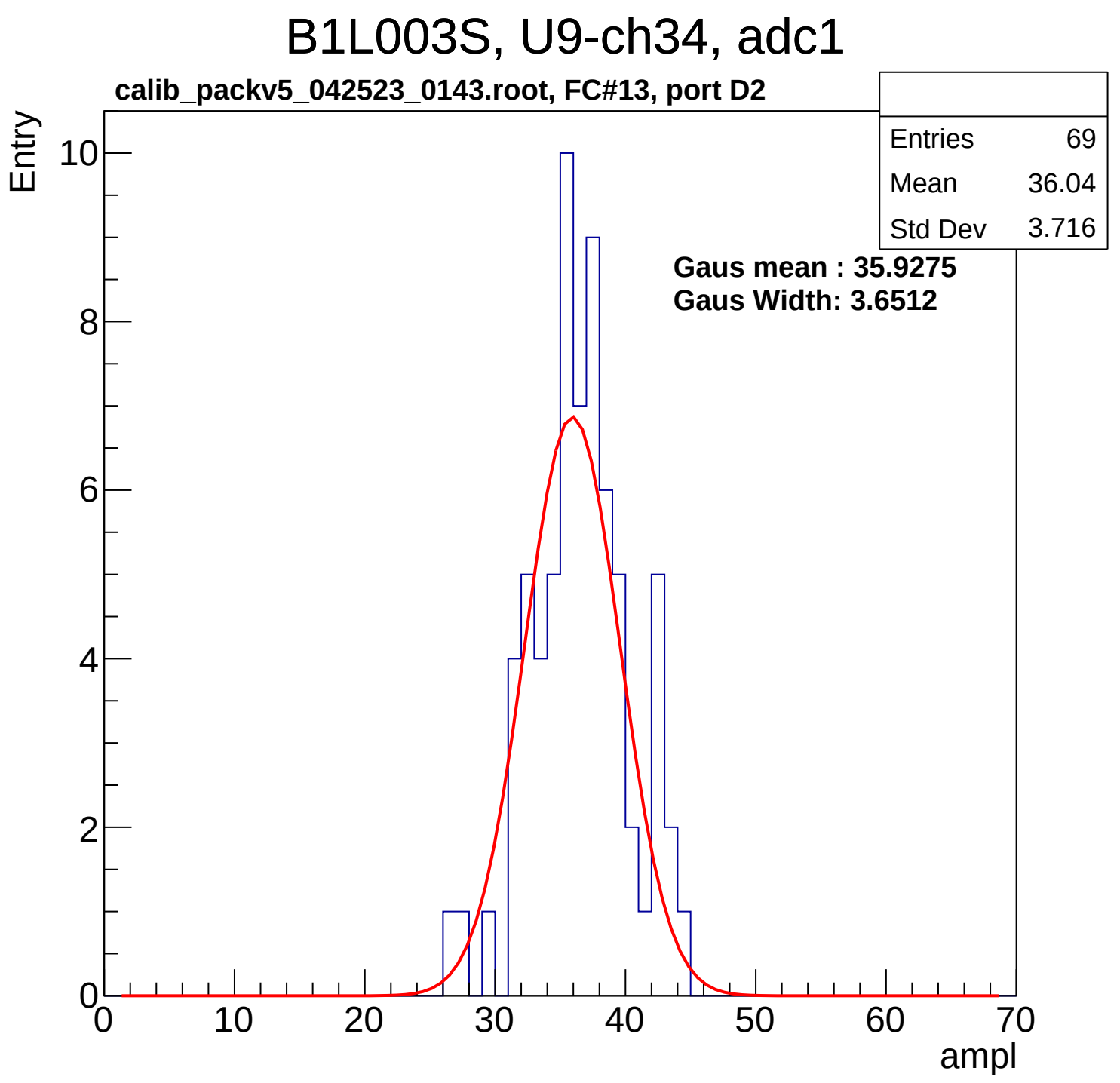
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch34, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 29
Std Dev 4.713
Gaus mean : 30.4500
Gaus Width: 3.9453
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch34, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 36.04
Std Dev 3.716
Gaus mean : 35.9275
Gaus Width: 3.6512
Entry
ampl
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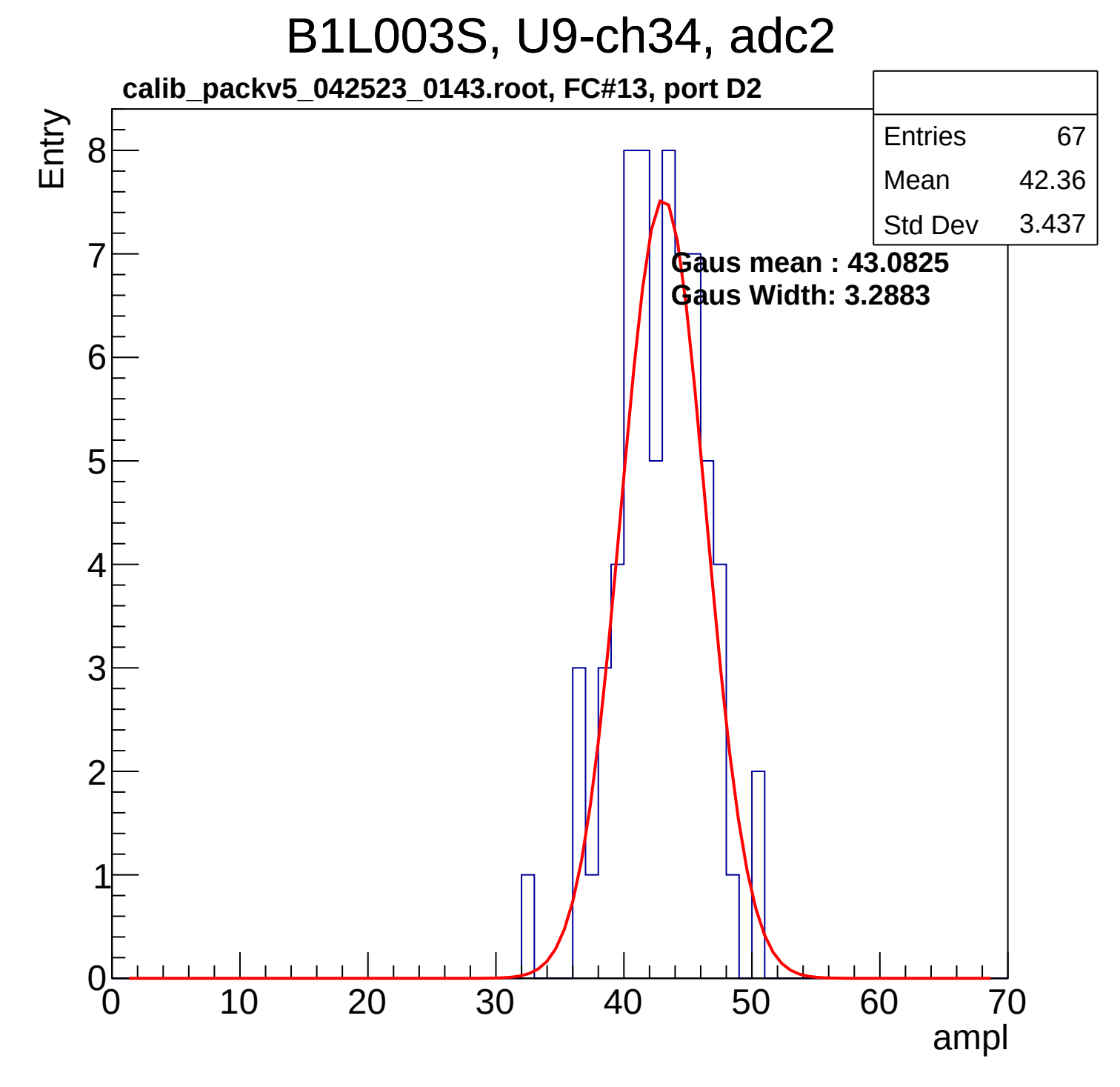
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch34, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 42.36
Std Dev 3.437
Gaus mean : 43.0825
Gaus Width: 3.2883
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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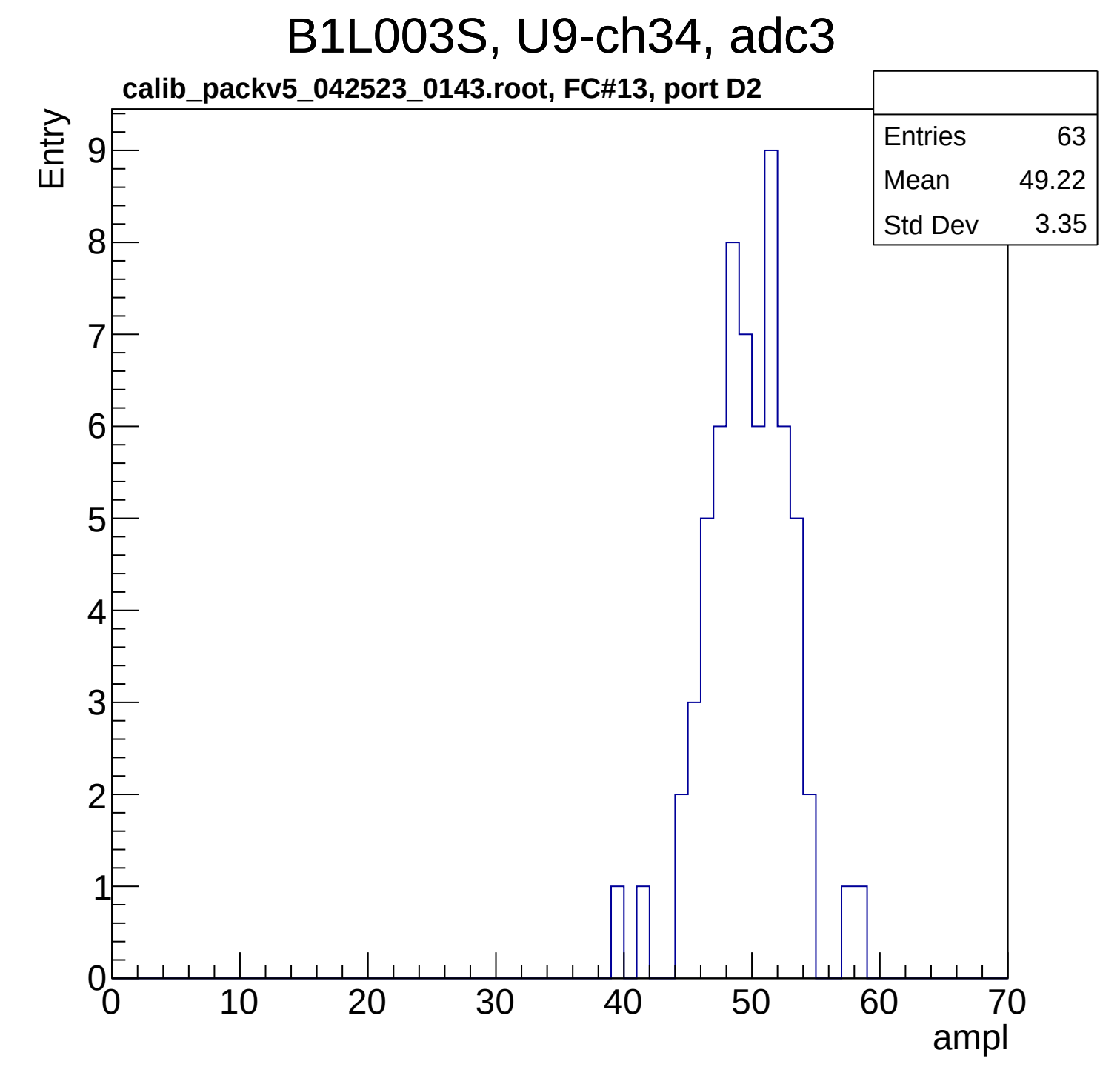
B1L003S, U9-ch34, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 49.22
Std Dev 3.35
Entry
ampl
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2
3
4
5
6
7
8
9
0
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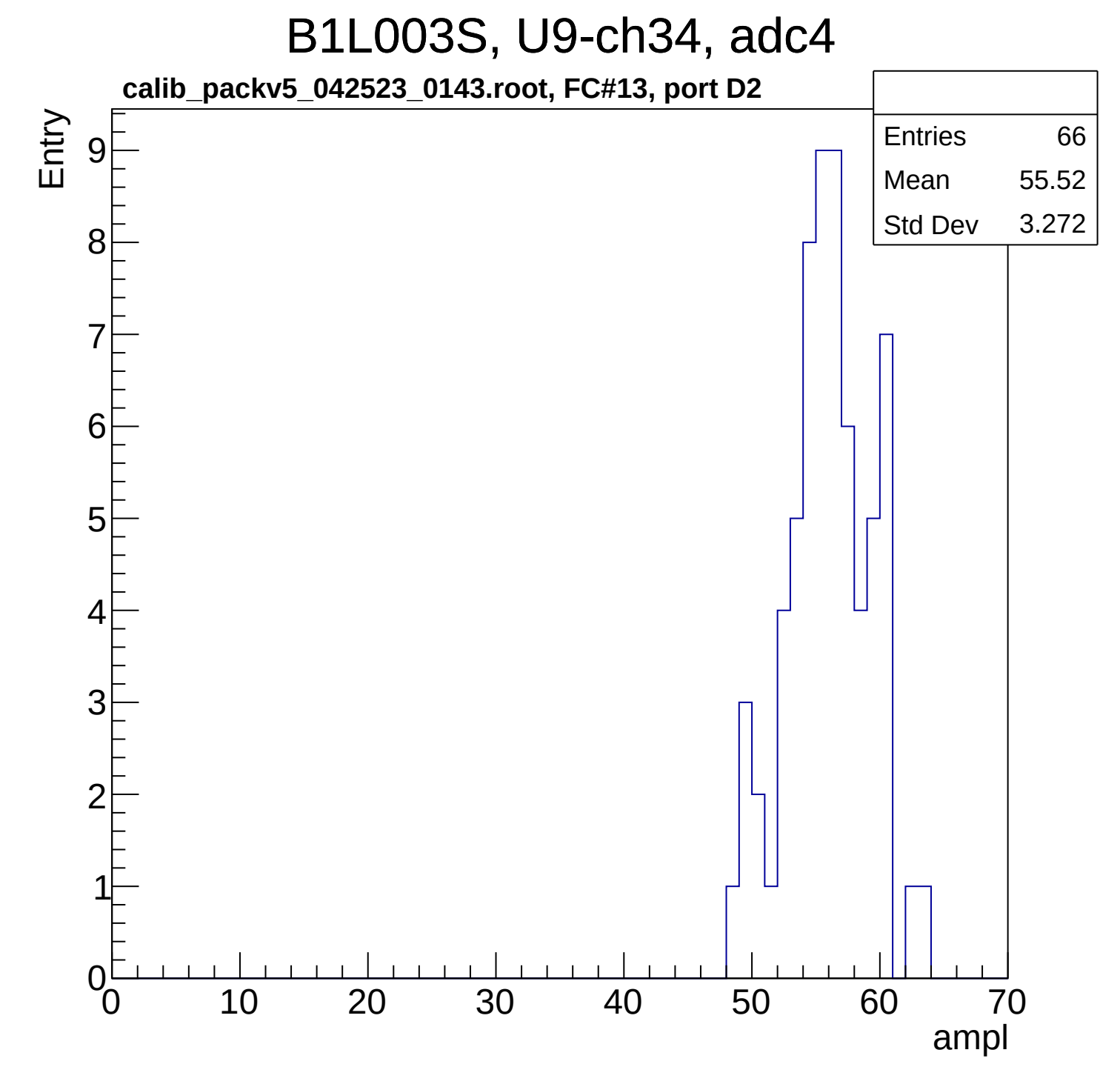
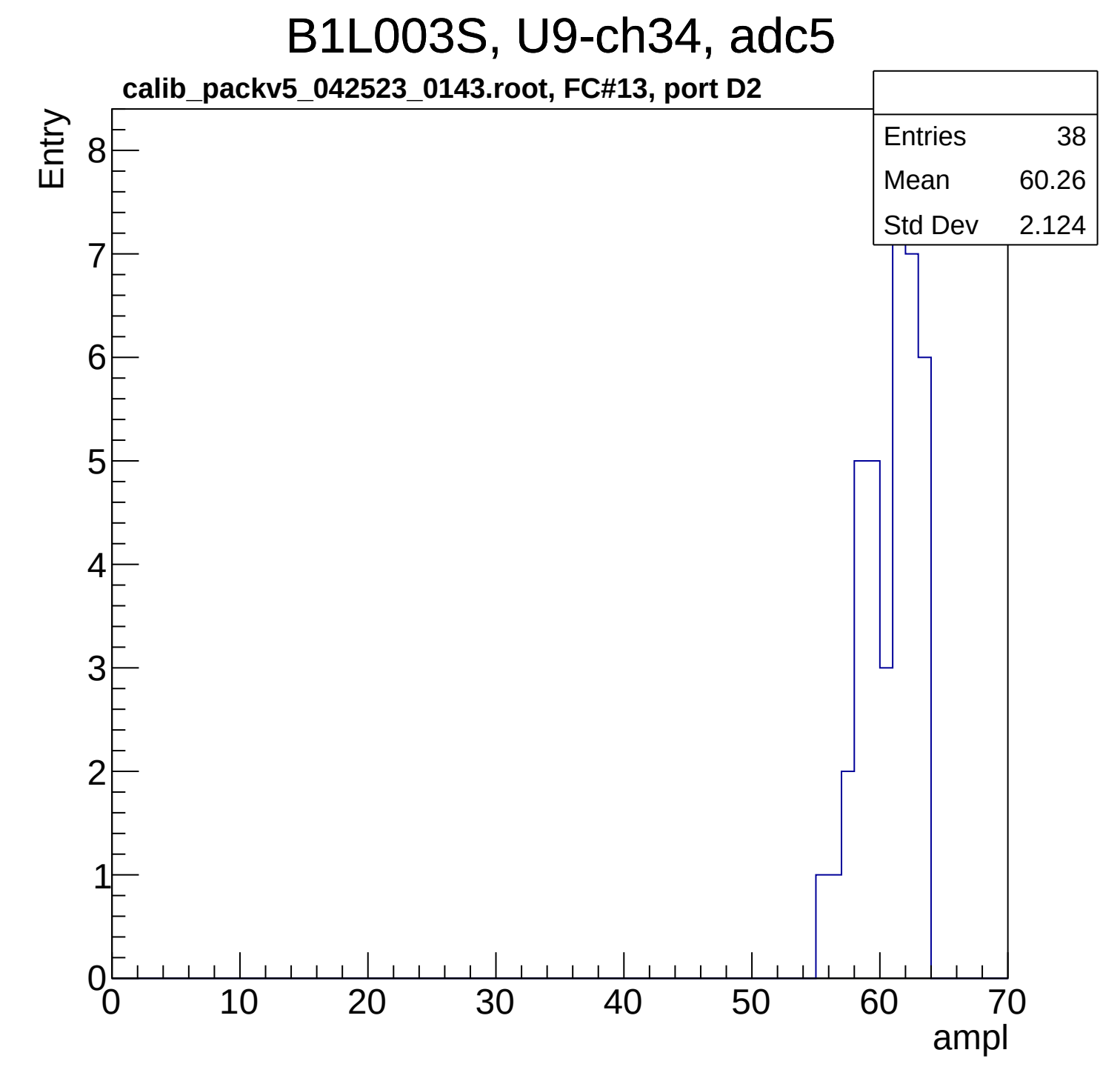

B1L003S, U9-ch34, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 55.52
Std Dev 3.272
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch34, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 60.26
Std Dev 2.124
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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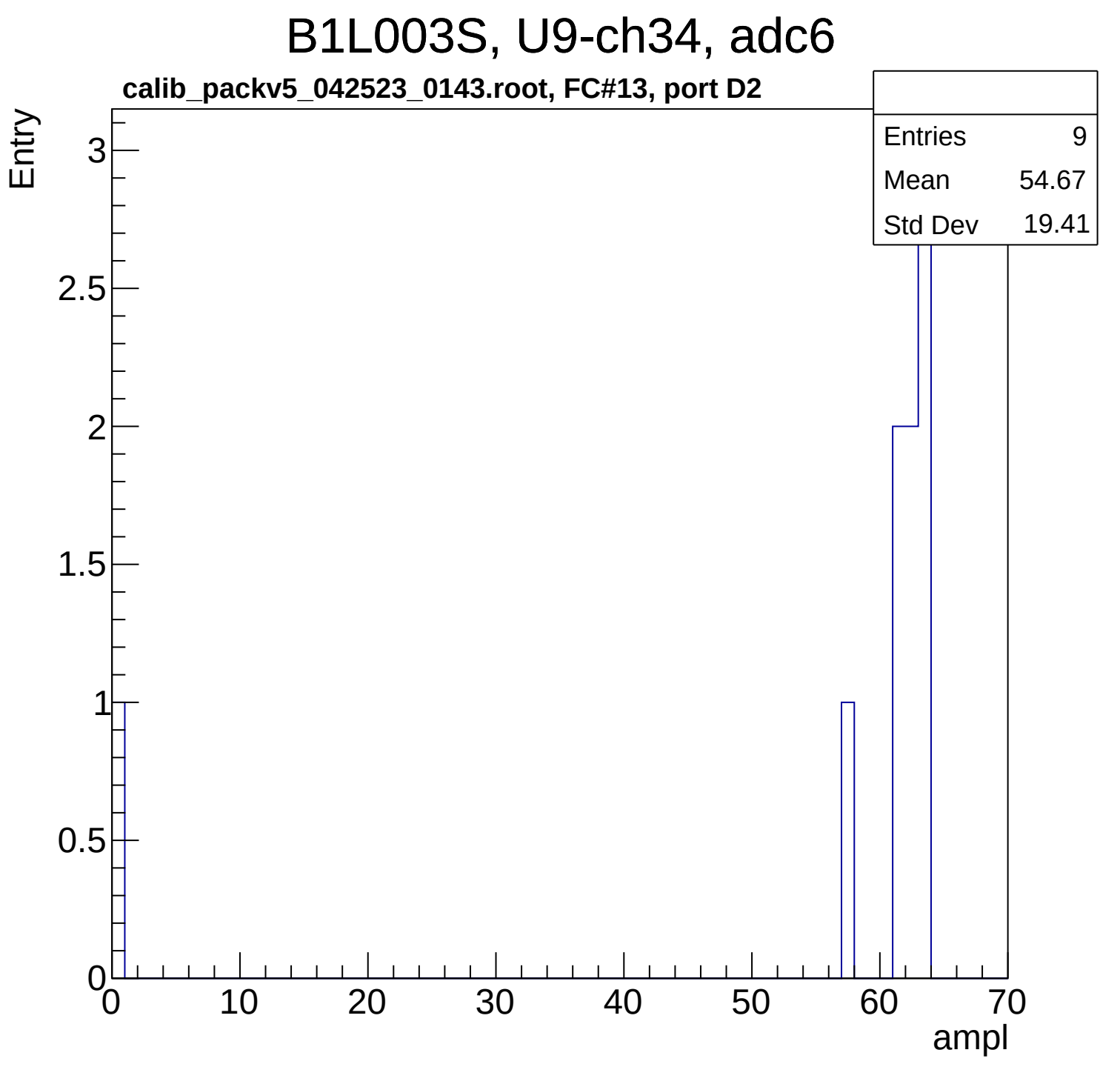
B1L003S, U9-ch34, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 54.67
Std Dev 19.41
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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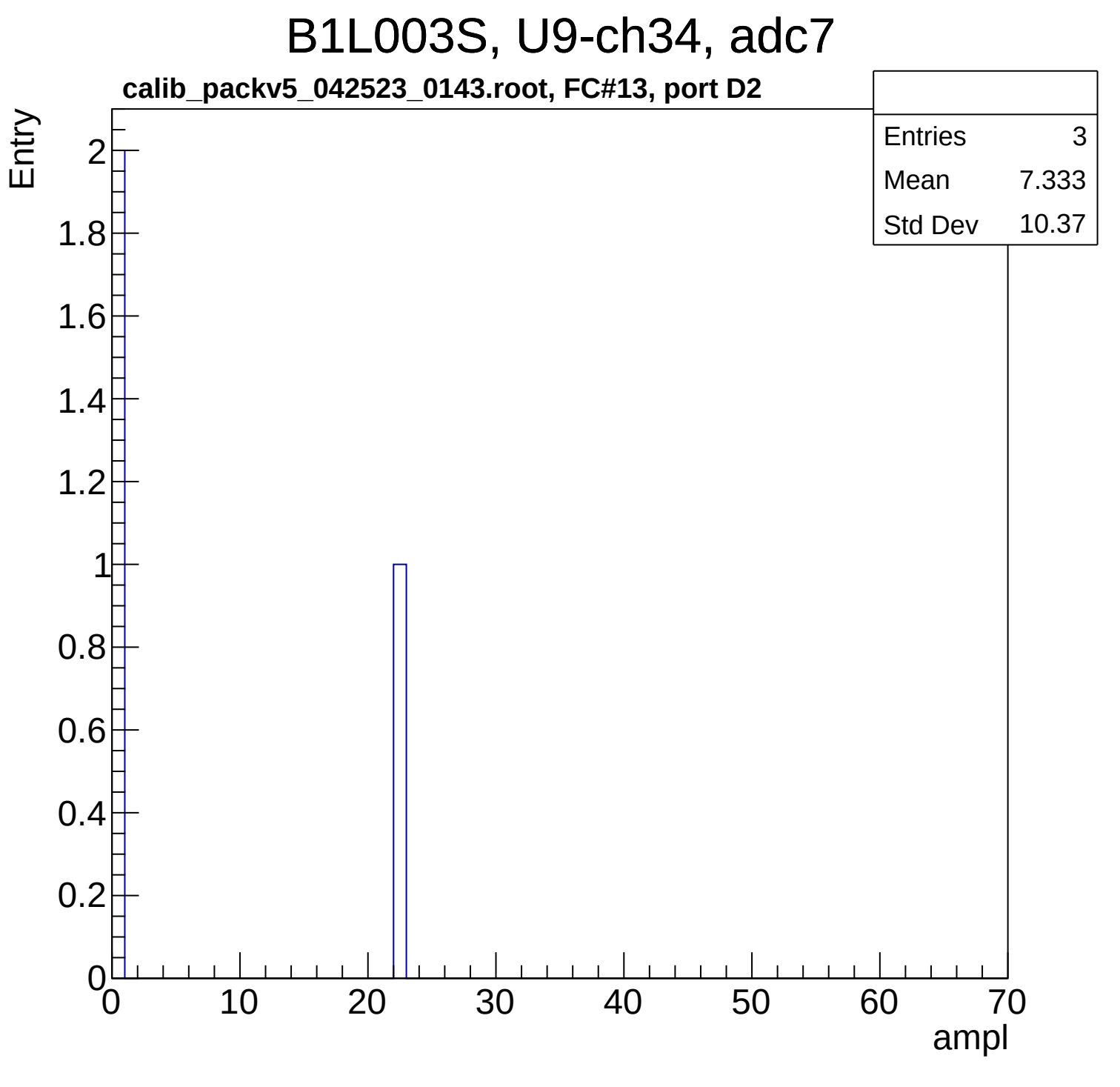
B1L003S, U9-ch34, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
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60
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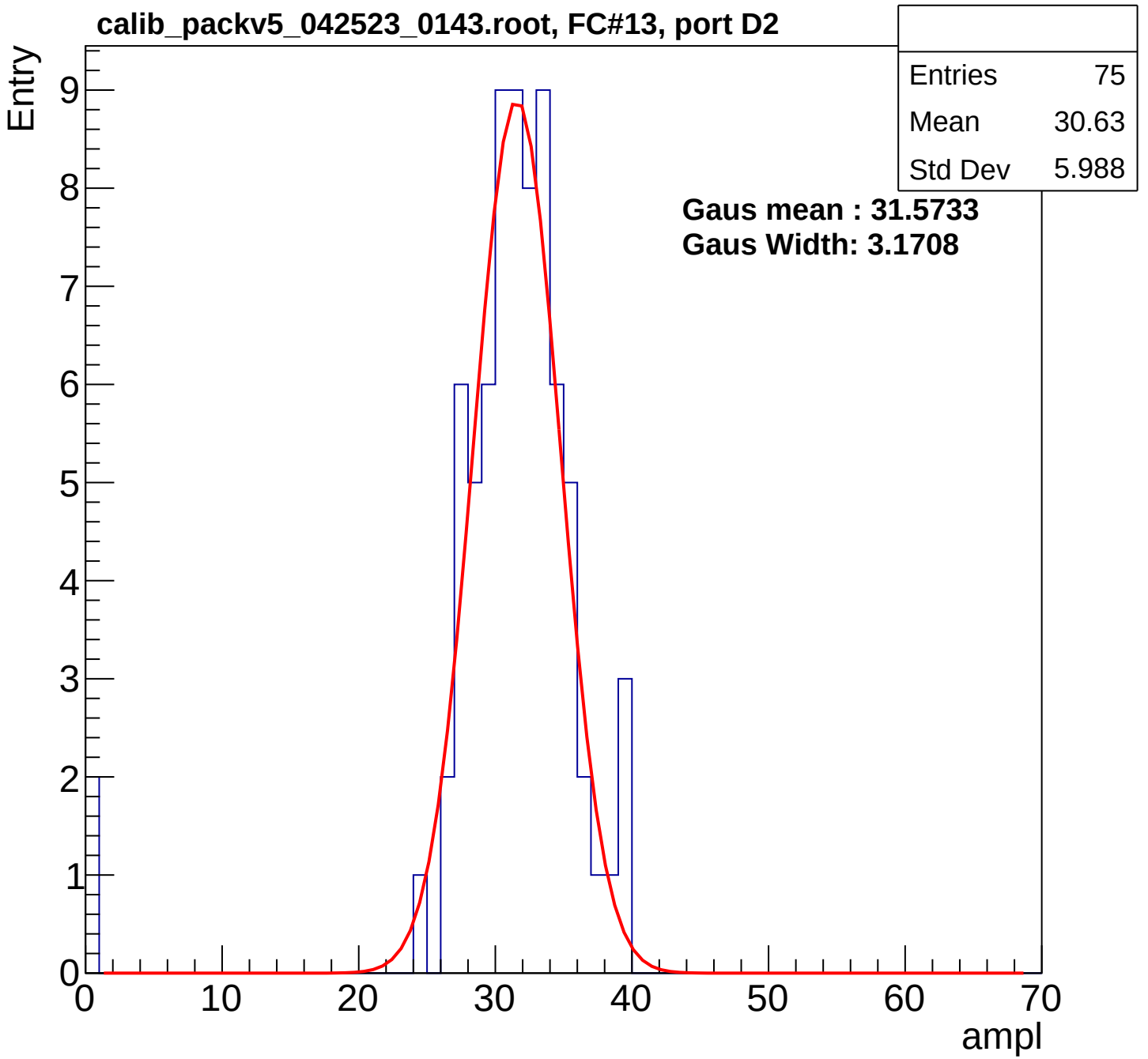
B1L003S, U9-ch35, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 30.63
Std Dev 5.988
Gaus mean : 31.5733
Gaus Width: 3.1708
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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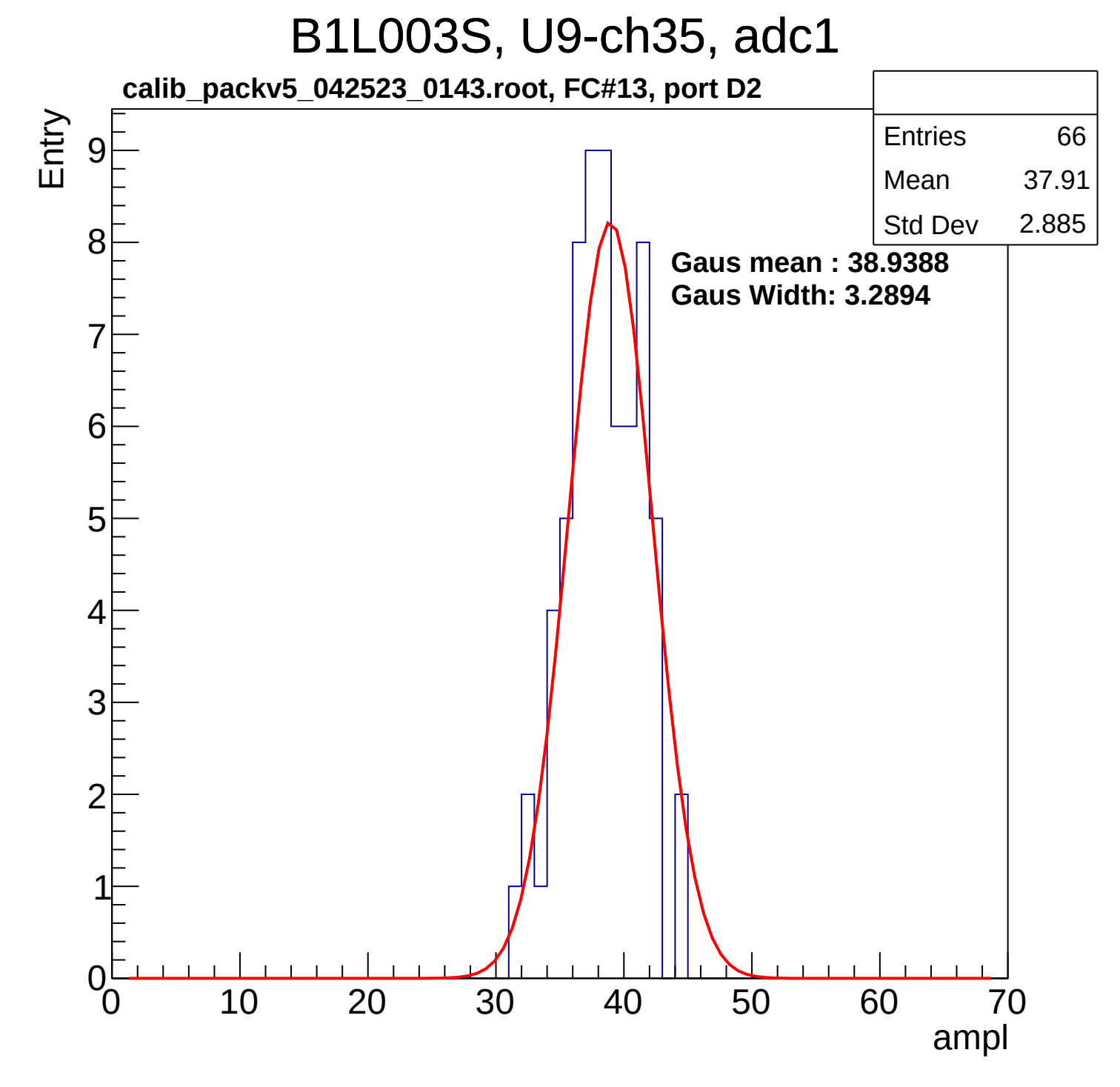
B1L003S, U9-ch35, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 37.91
Std Dev 2.885
Gaus mean : 38.9388
Gaus Width: 3.2894
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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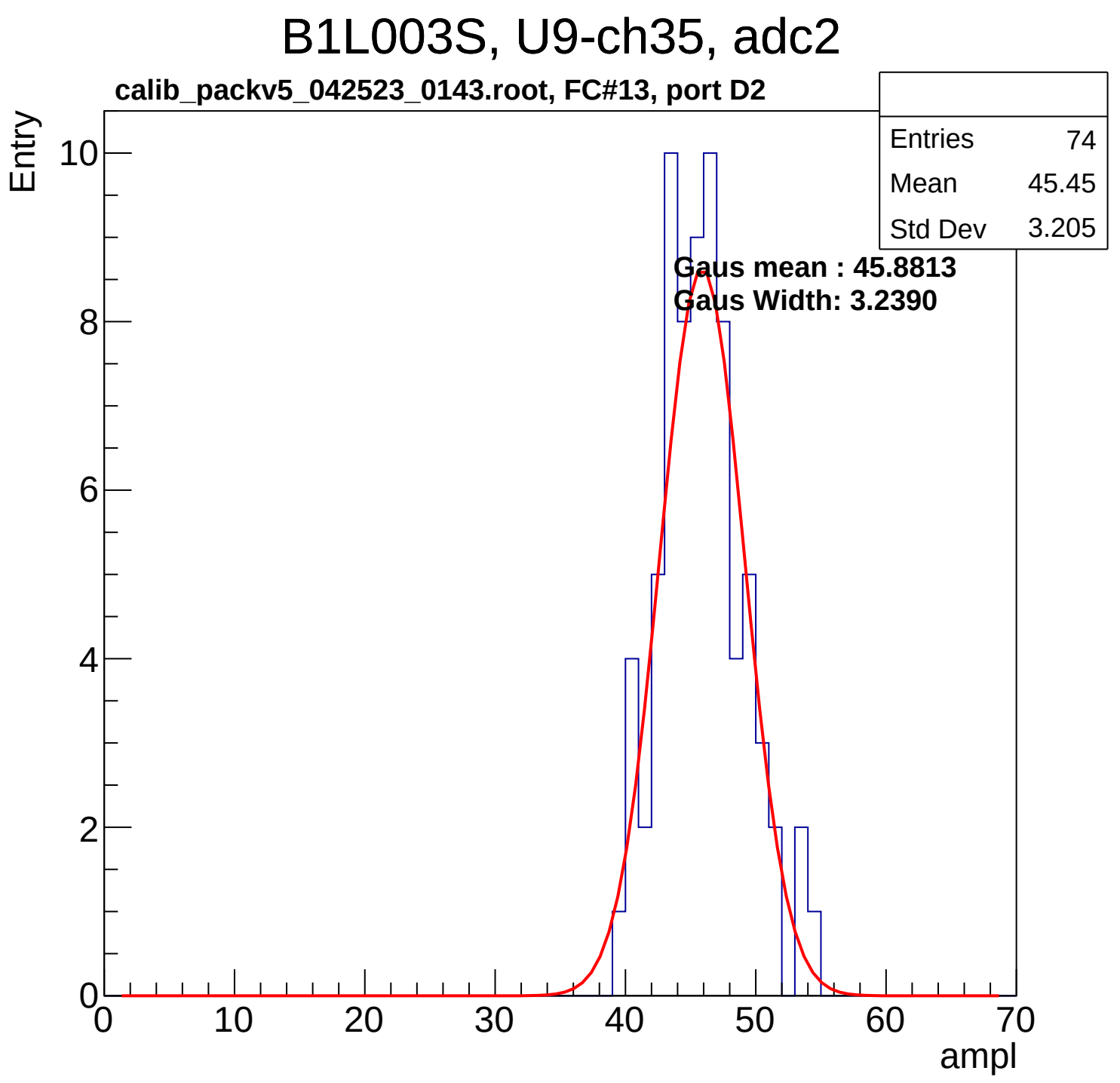
B1L003S, U9-ch35, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 45.45
Std Dev 3.205
Gaus mean : 45.8813
Gaus Width: 3.2390
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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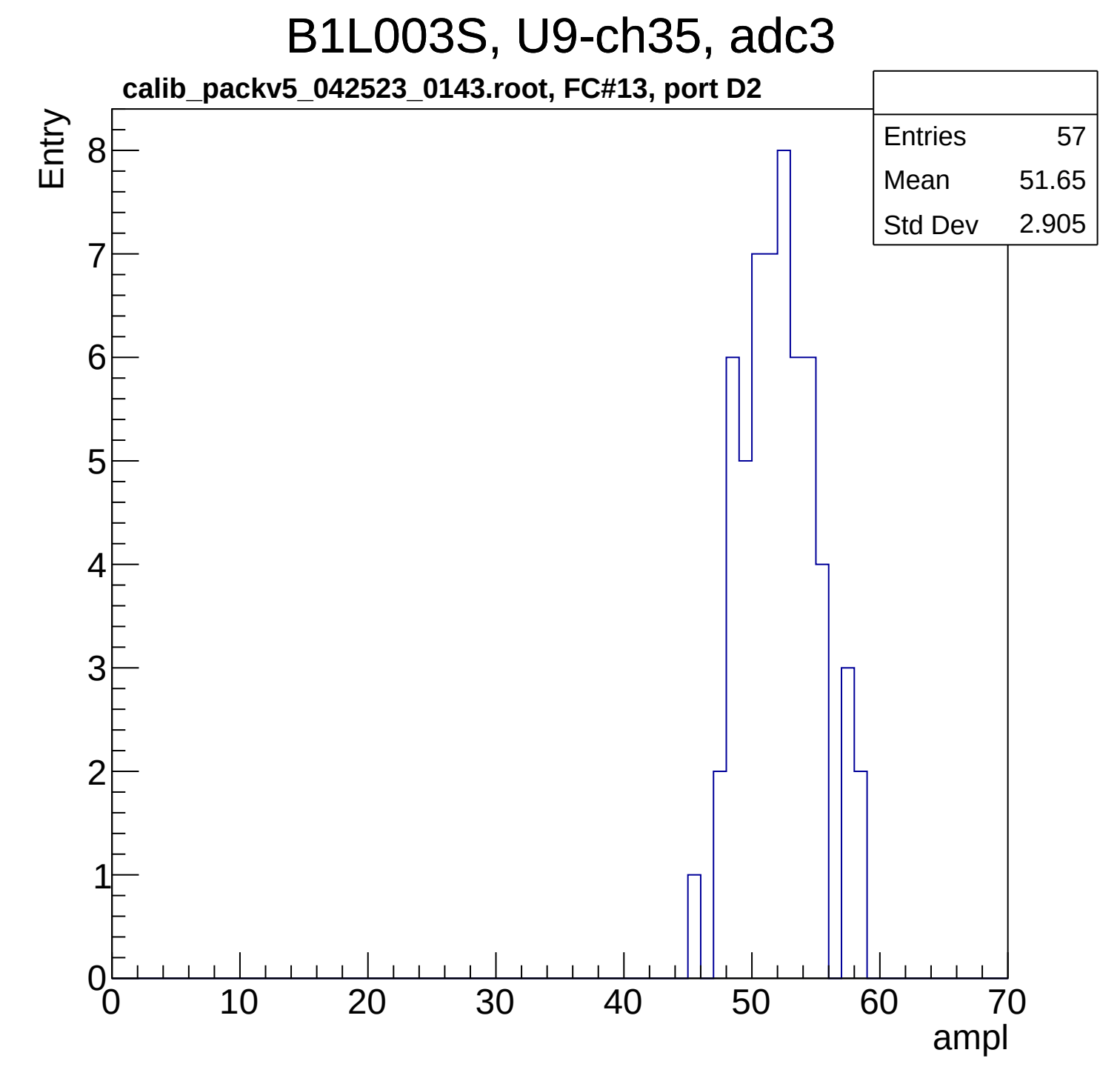
B1L003S, U9-ch35, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 51.65
Std Dev 2.905
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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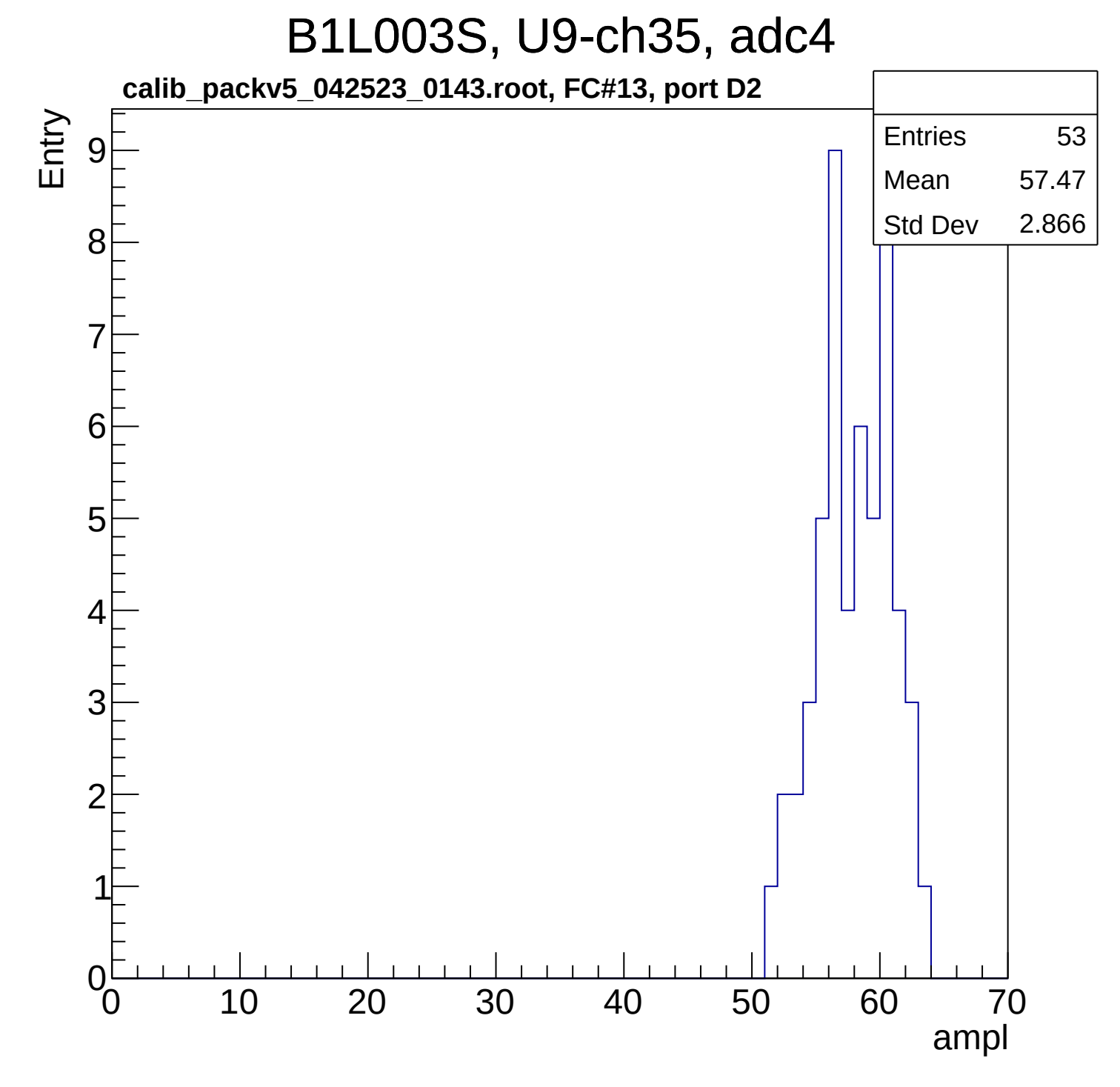
B1L003S, U9-ch35, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 57.47
Std Dev 2.866
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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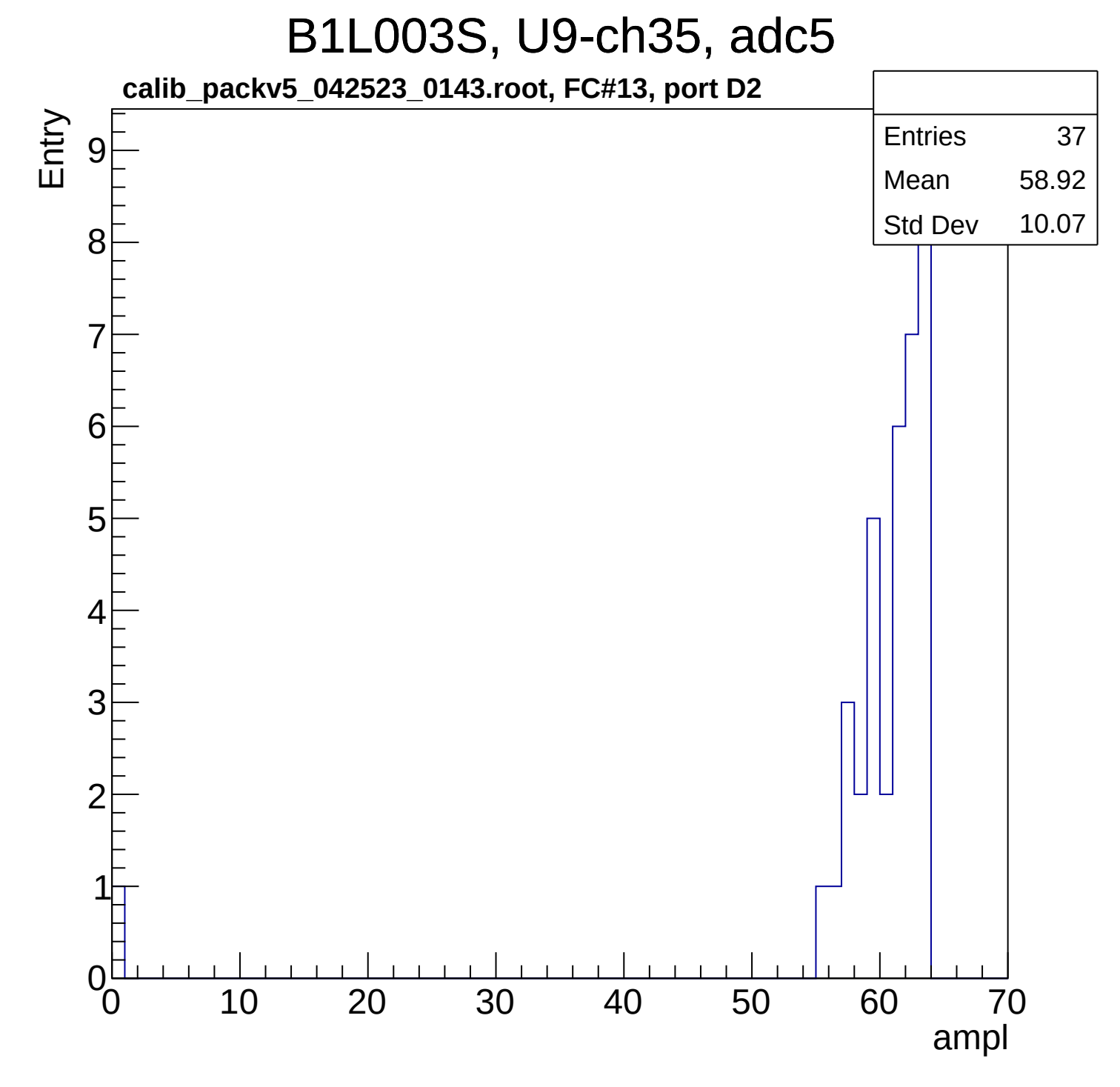
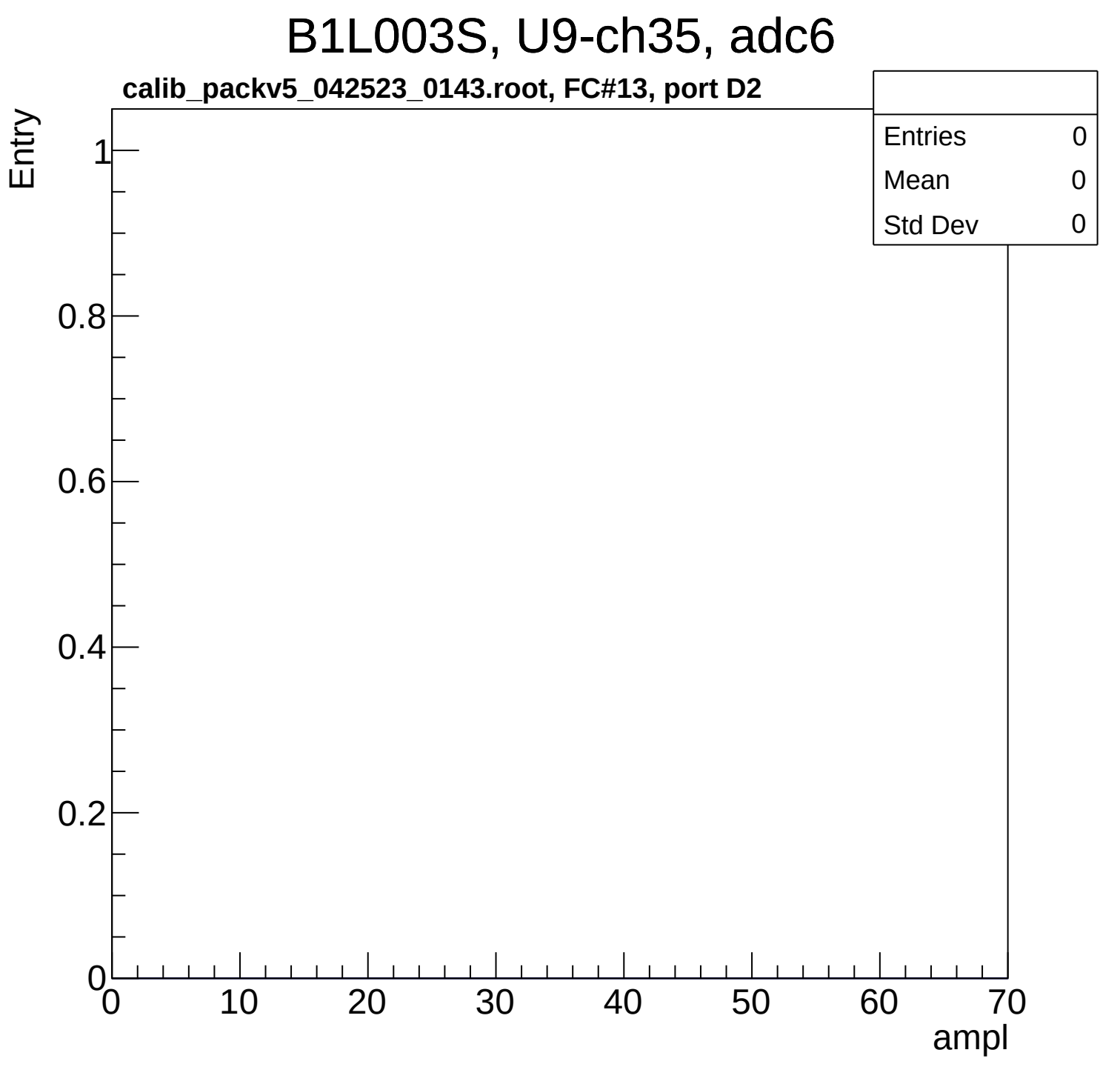
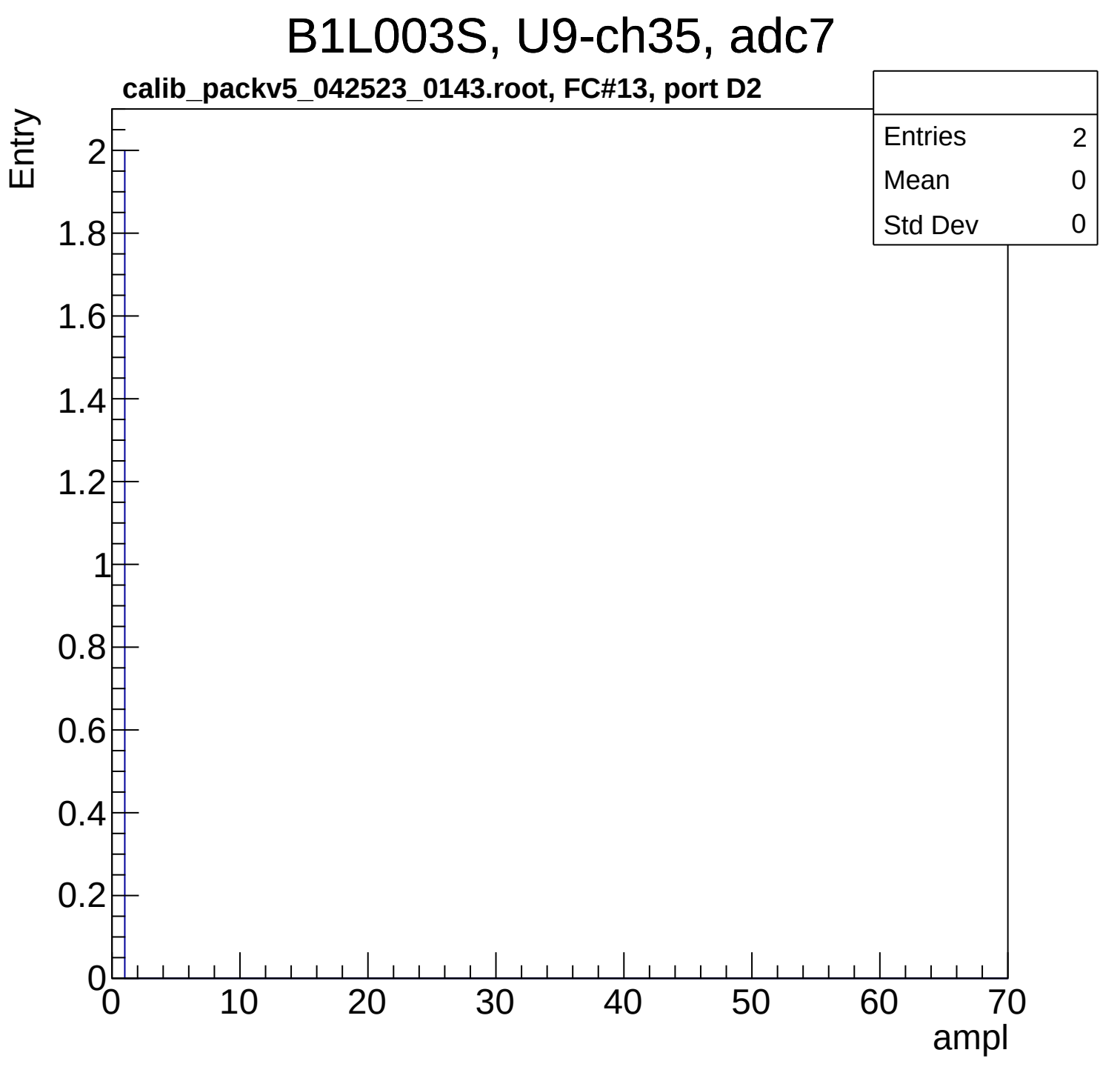
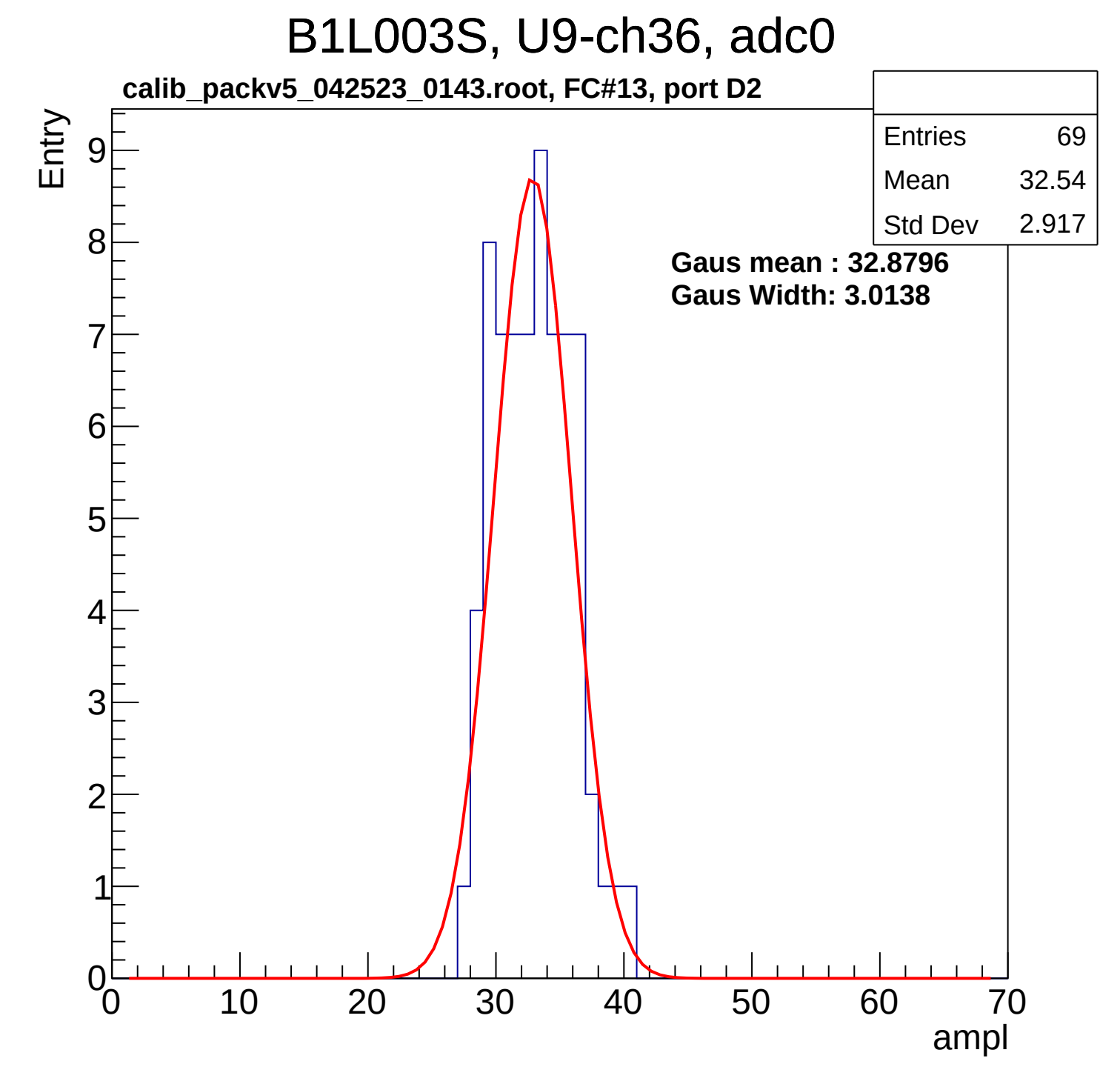

B1L003S, U9-ch35, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 58.92
Std Dev 10.07
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch35, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch35, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch36, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 32.54
Std Dev 2.917
Gaus mean : 32.8796
Gaus Width: 3.0138
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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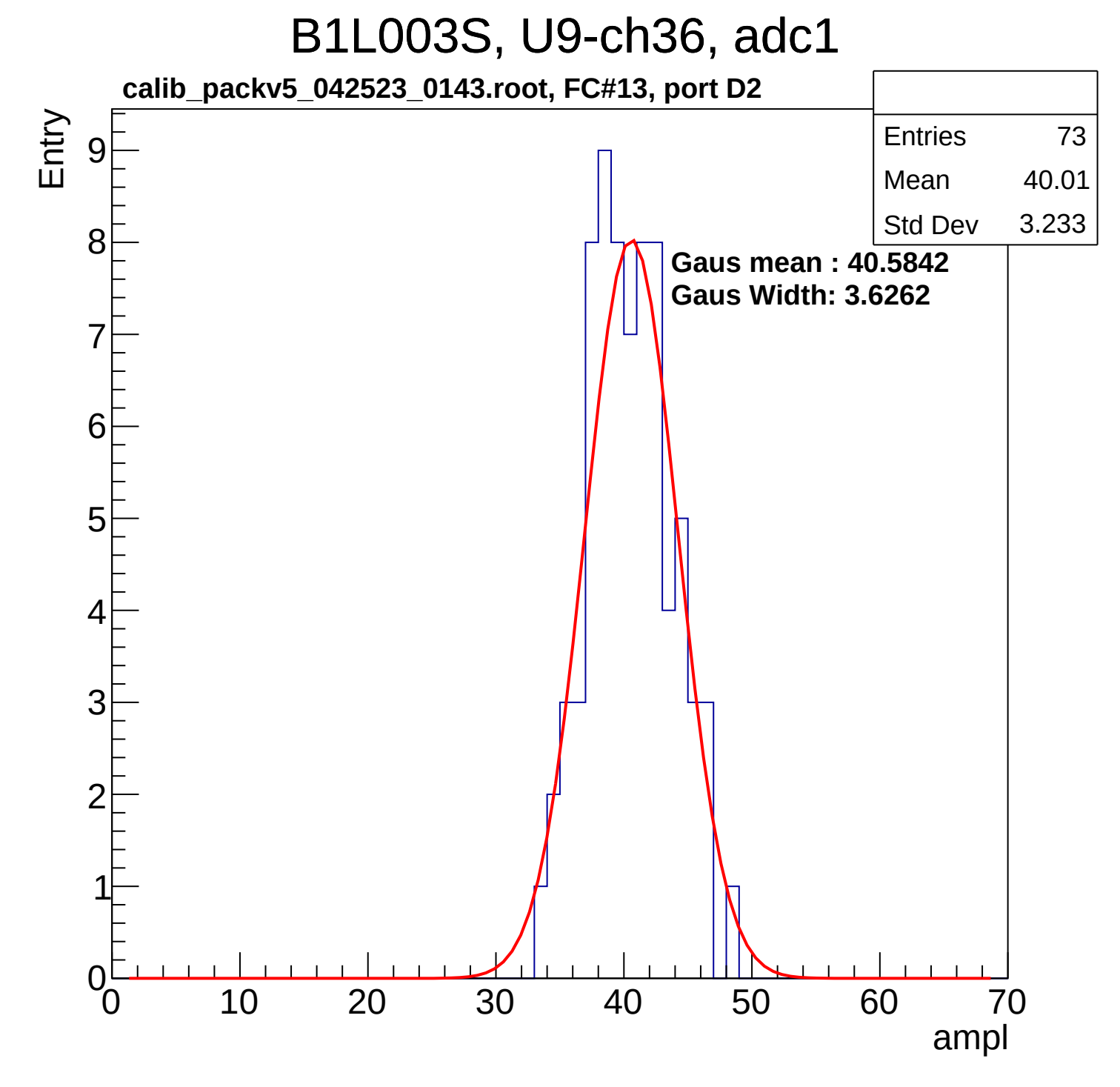
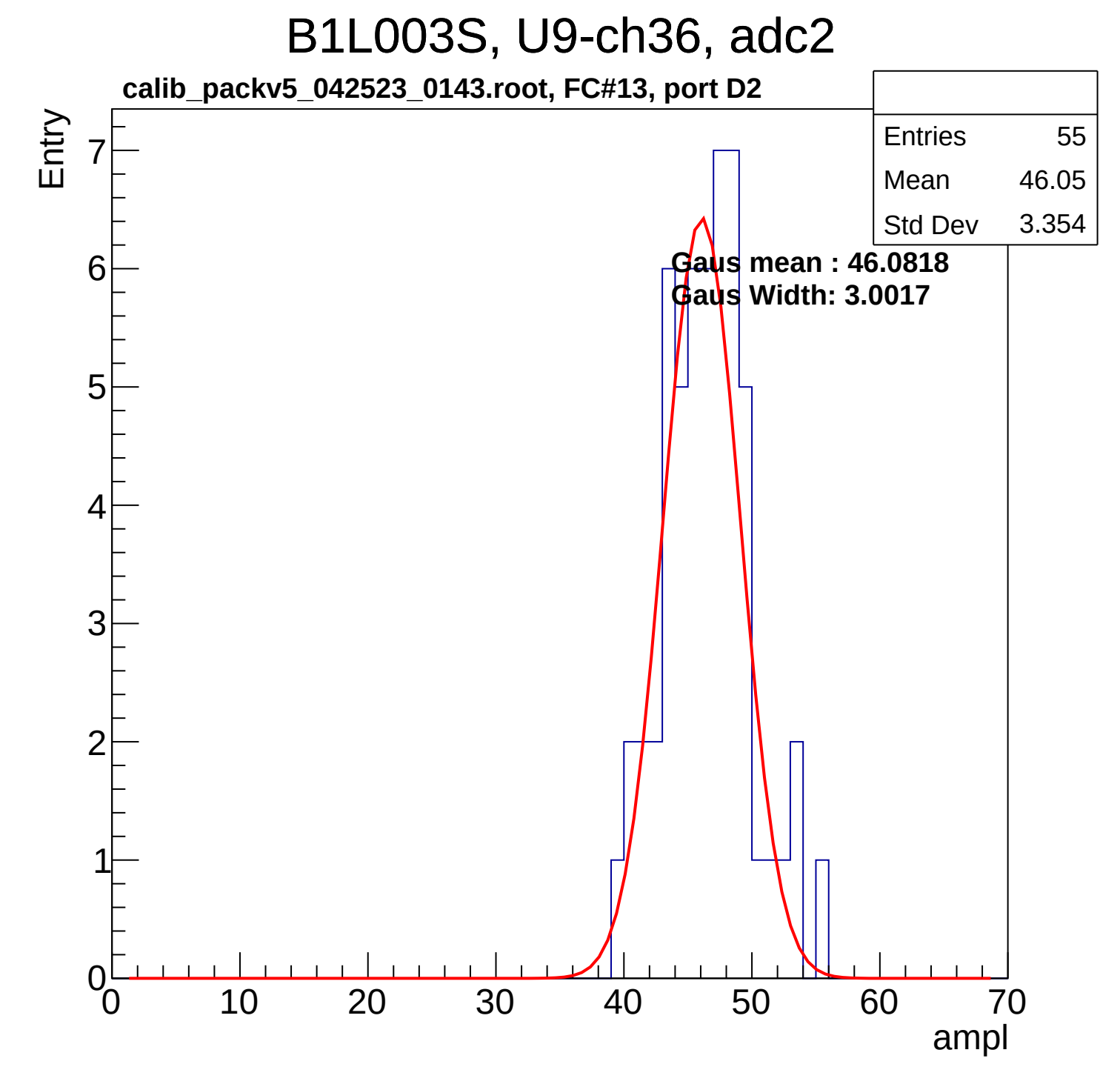

B1L003S, U9-ch36, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 40.01
Std Dev 3.233
Gaus mean : 40.5842
Gaus Width: 3.6262
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch36, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 46.05
Std Dev 3.354
Gaus mean : 46.0818
Gaus Width: 3.0017
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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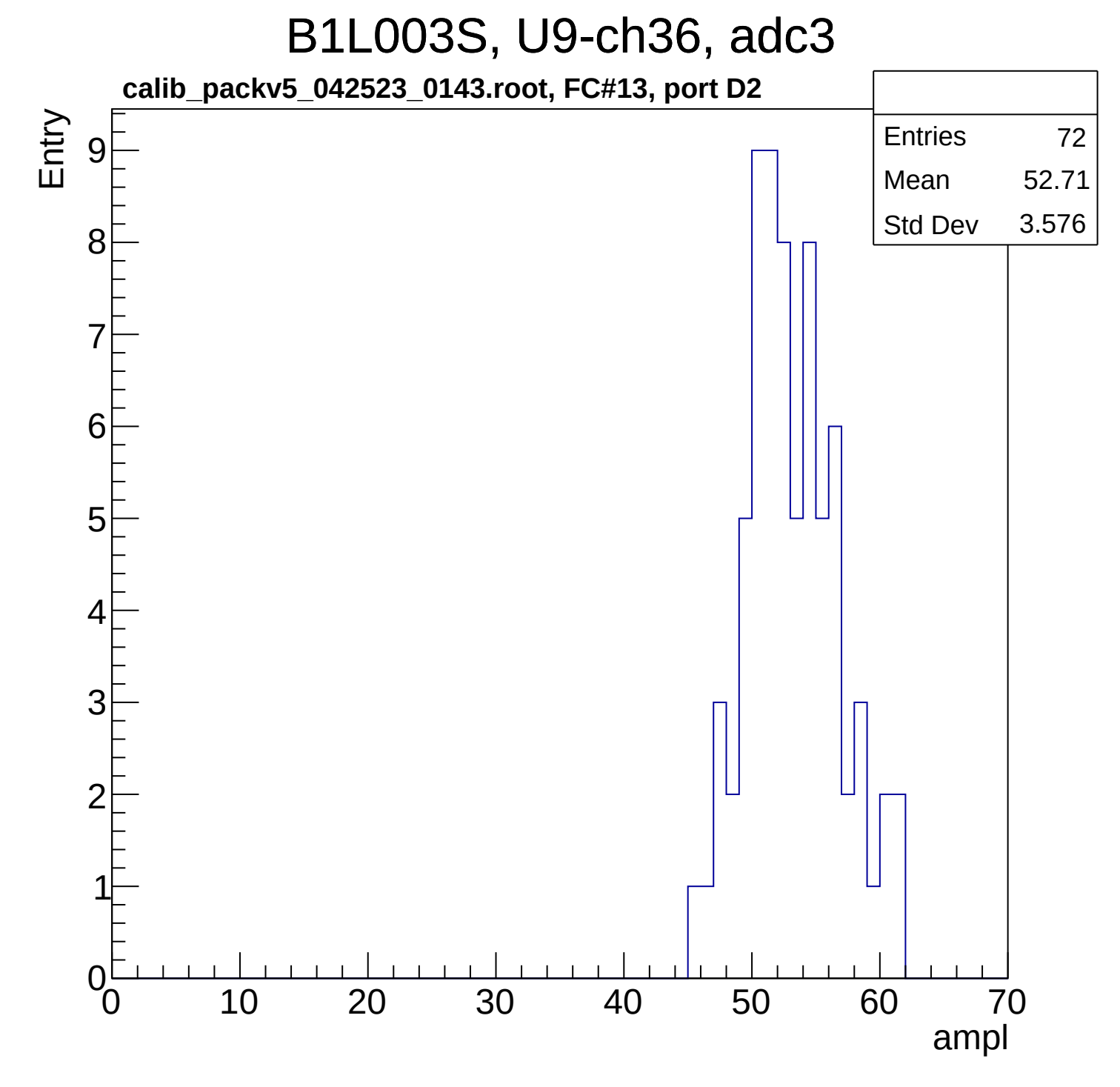
B1L003S, U9-ch36, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 52.71
Std Dev 3.576
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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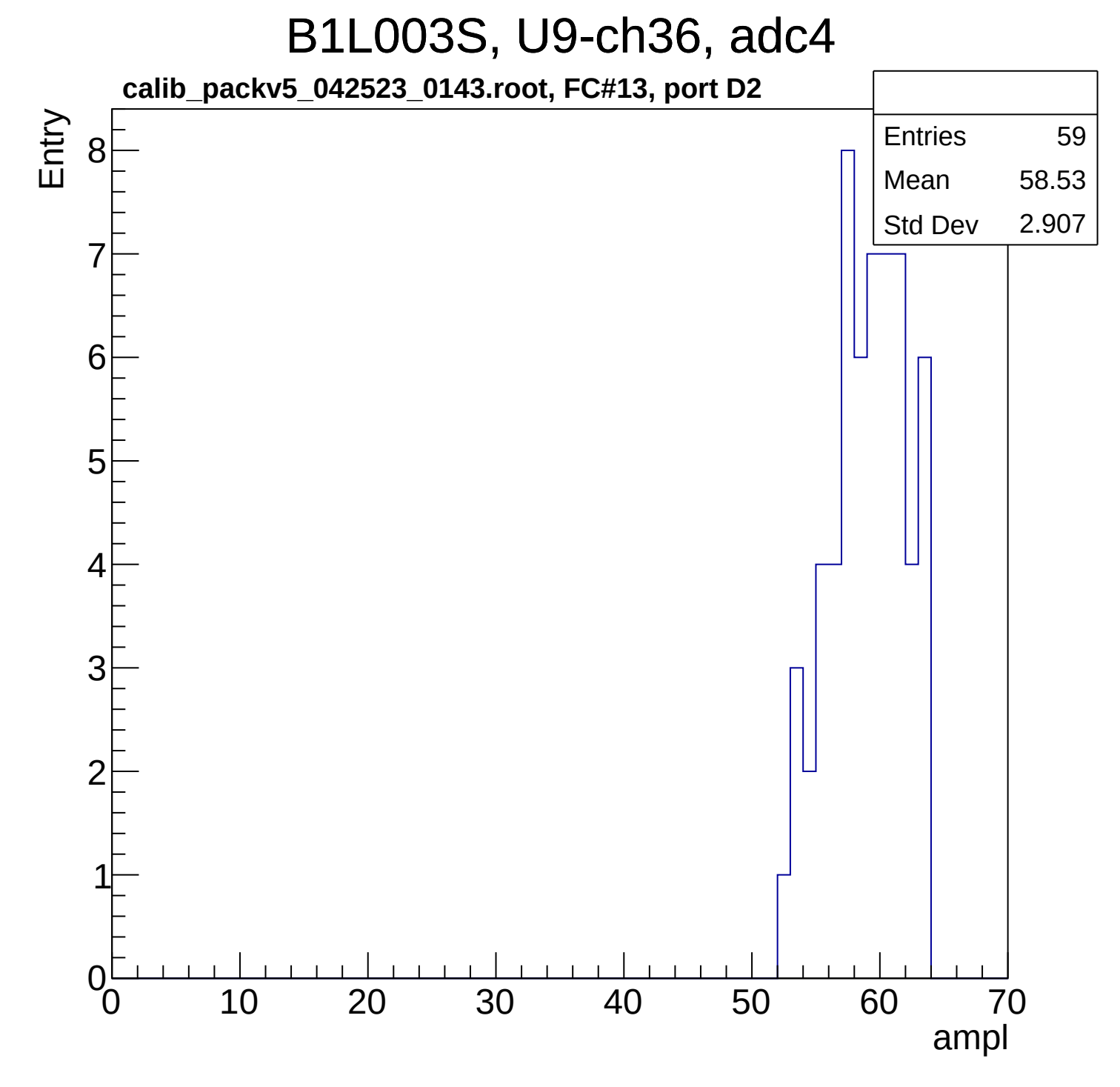
B1L003S, U9-ch36, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 58.53
Std Dev 2.907
Entry
ampl
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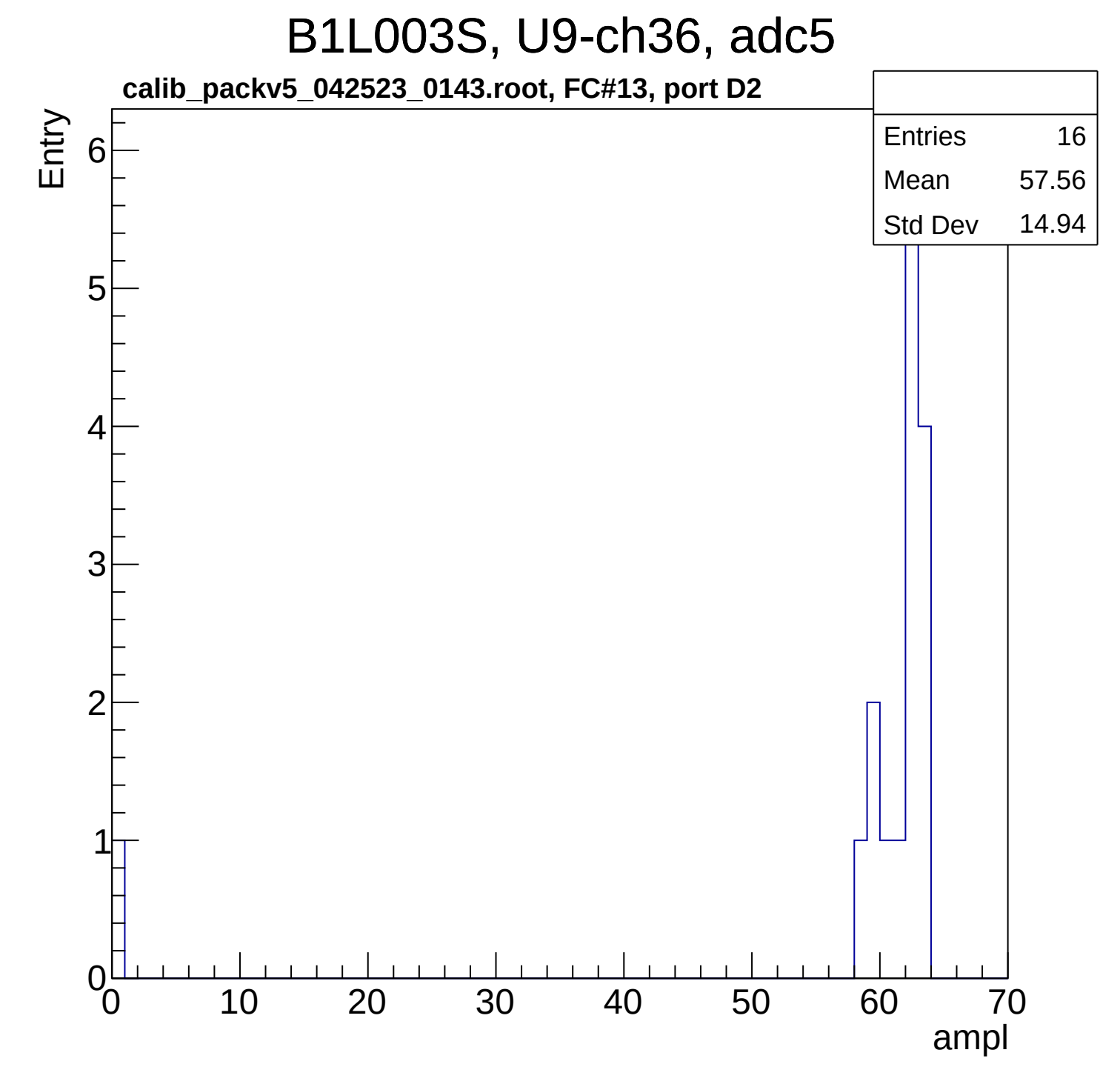
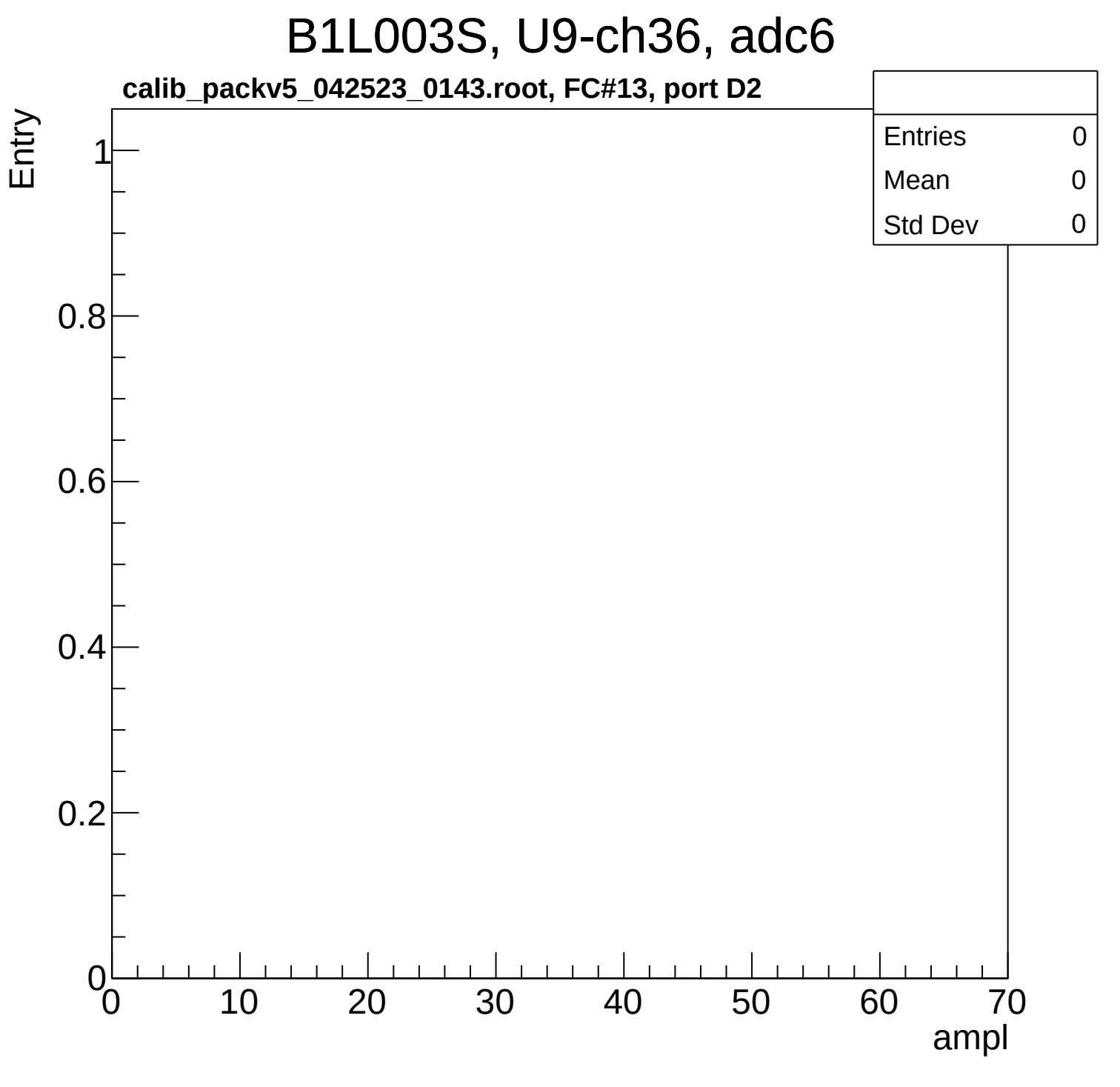
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch36, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 16
Mean 57.56
Std Dev 14.94
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch36, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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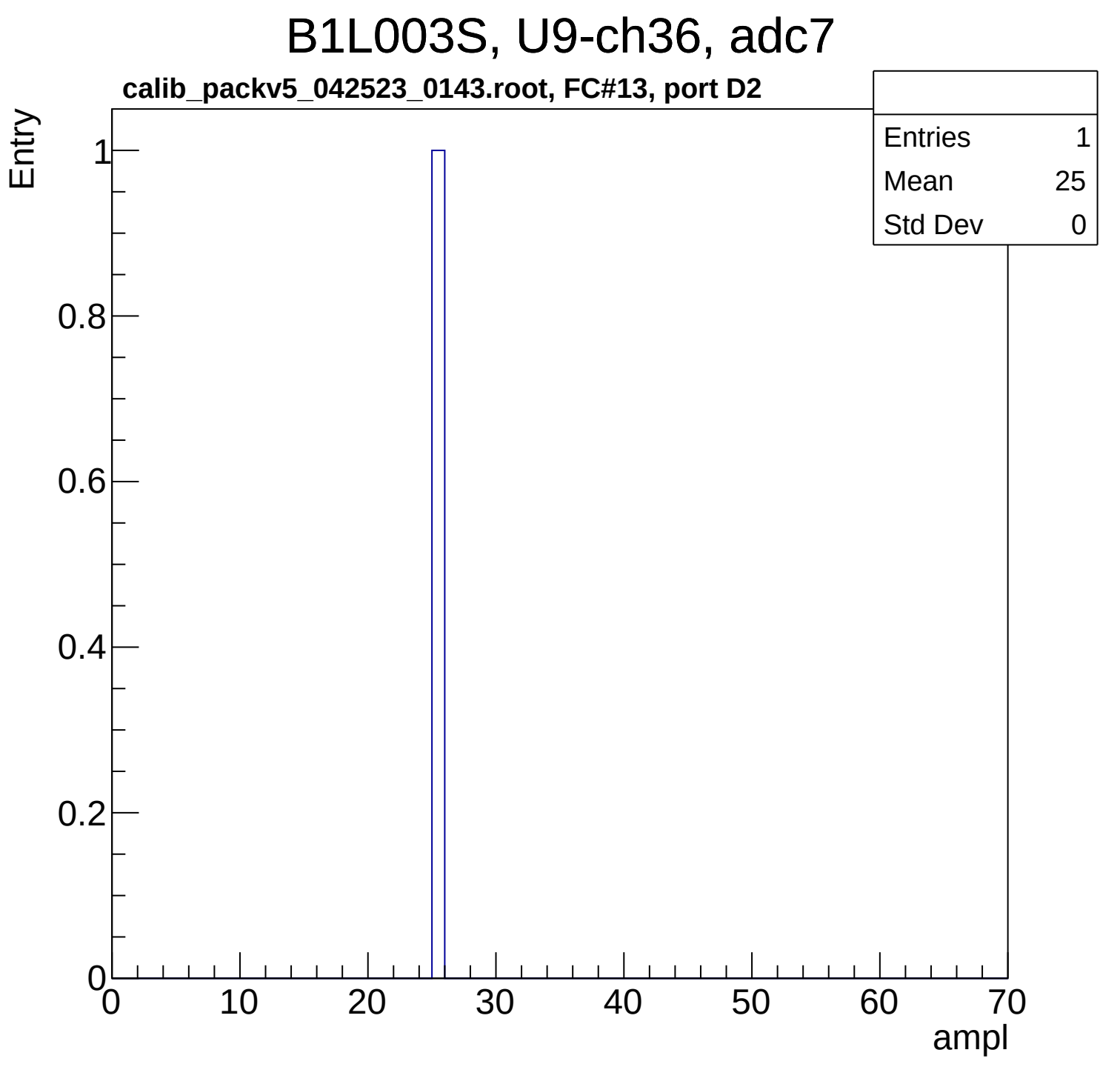
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch36, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 25
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
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10
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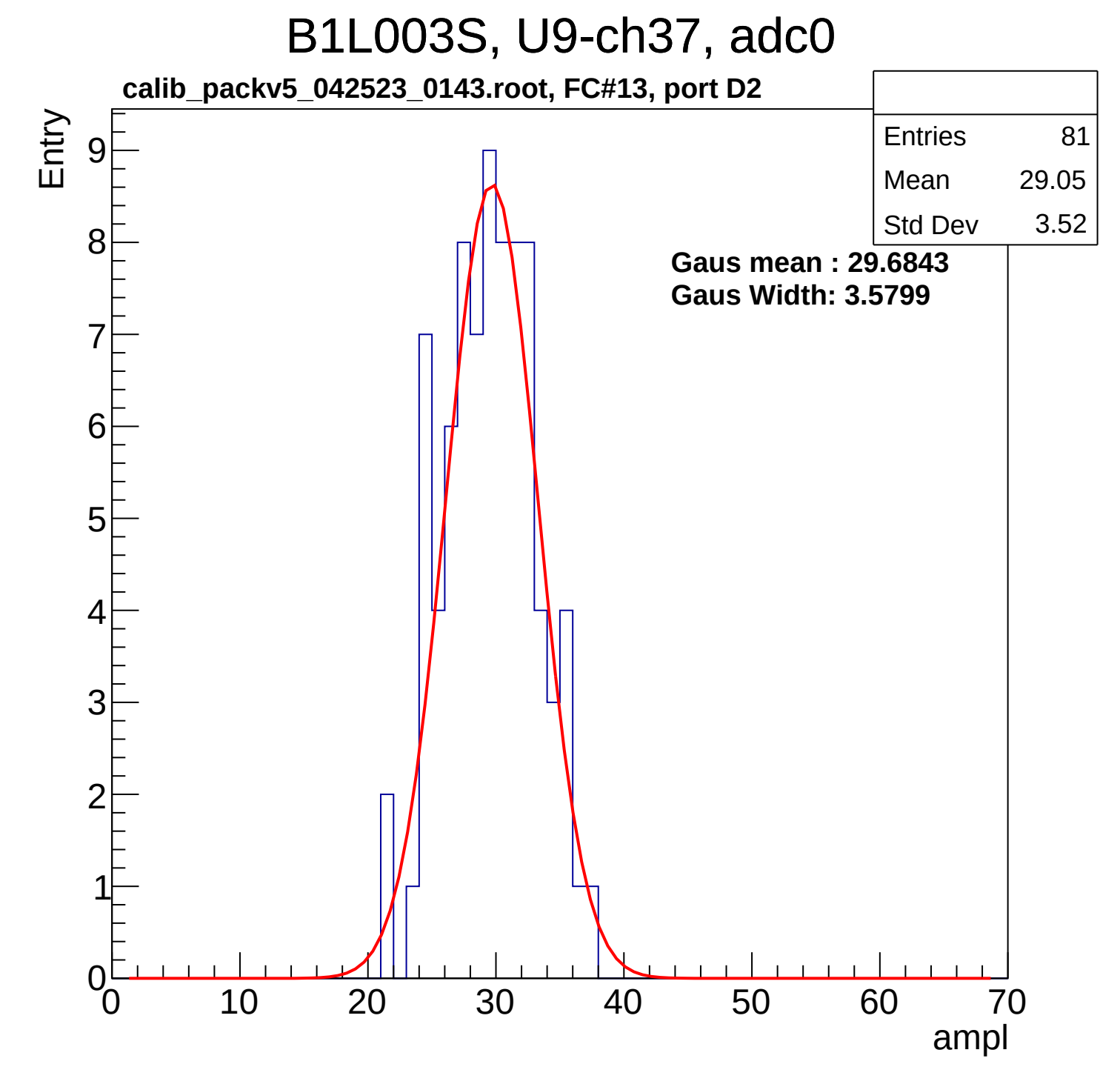
30
40
50
60
70
ampl


B1L003S, U9-ch37, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 29.05
Std Dev 3.52
Gaus mean : 29.6843
Gaus Width: 3.5799
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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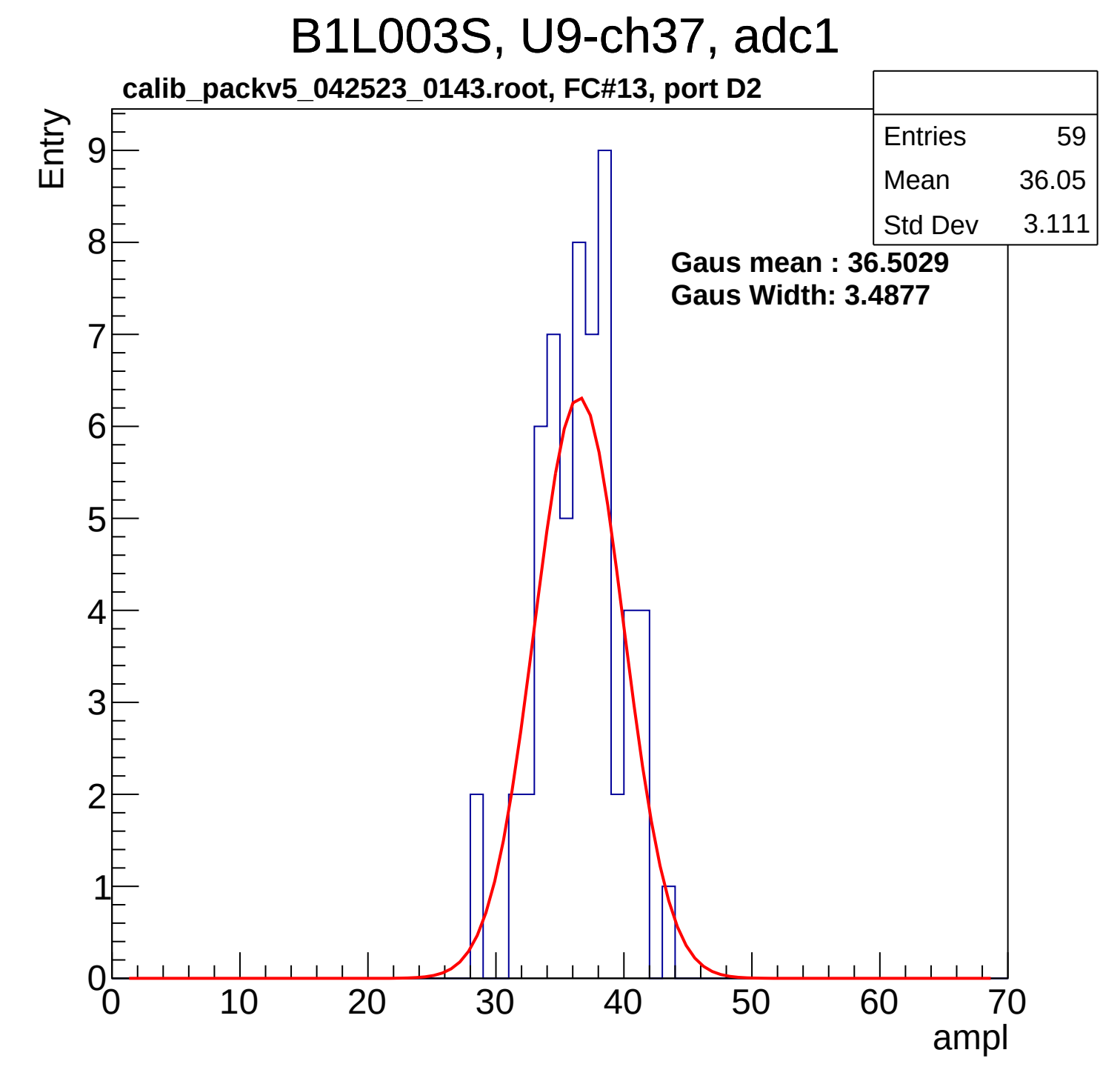
B1L003S, U9-ch37, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 36.05
Std Dev 3.111
Gaus mean : 36.5029
Gaus Width: 3.4877
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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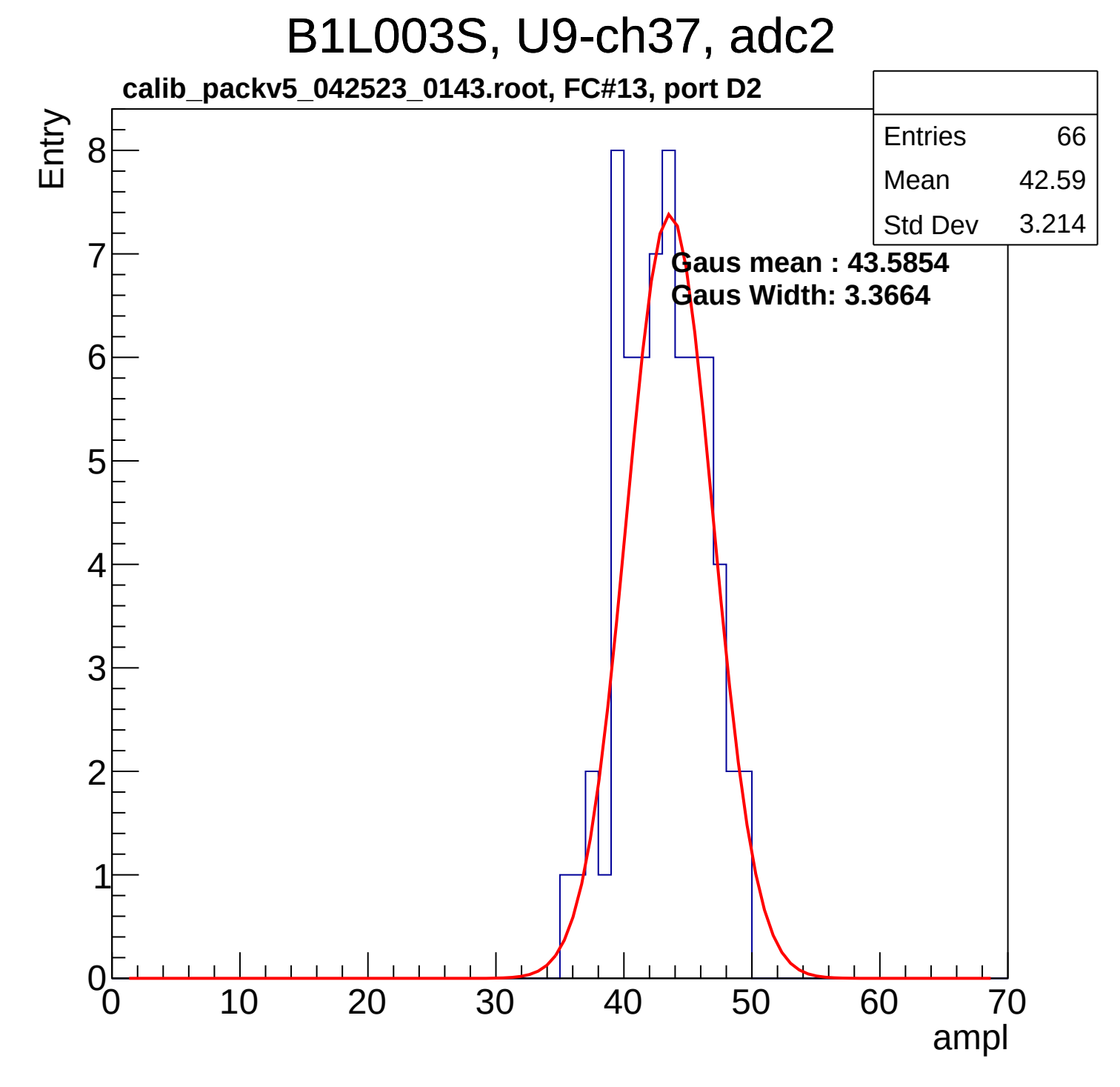
B1L003S, U9-ch37, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 42.59
Std Dev 3.214
Gaus mean : 43.5854
Gaus Width: 3.3664
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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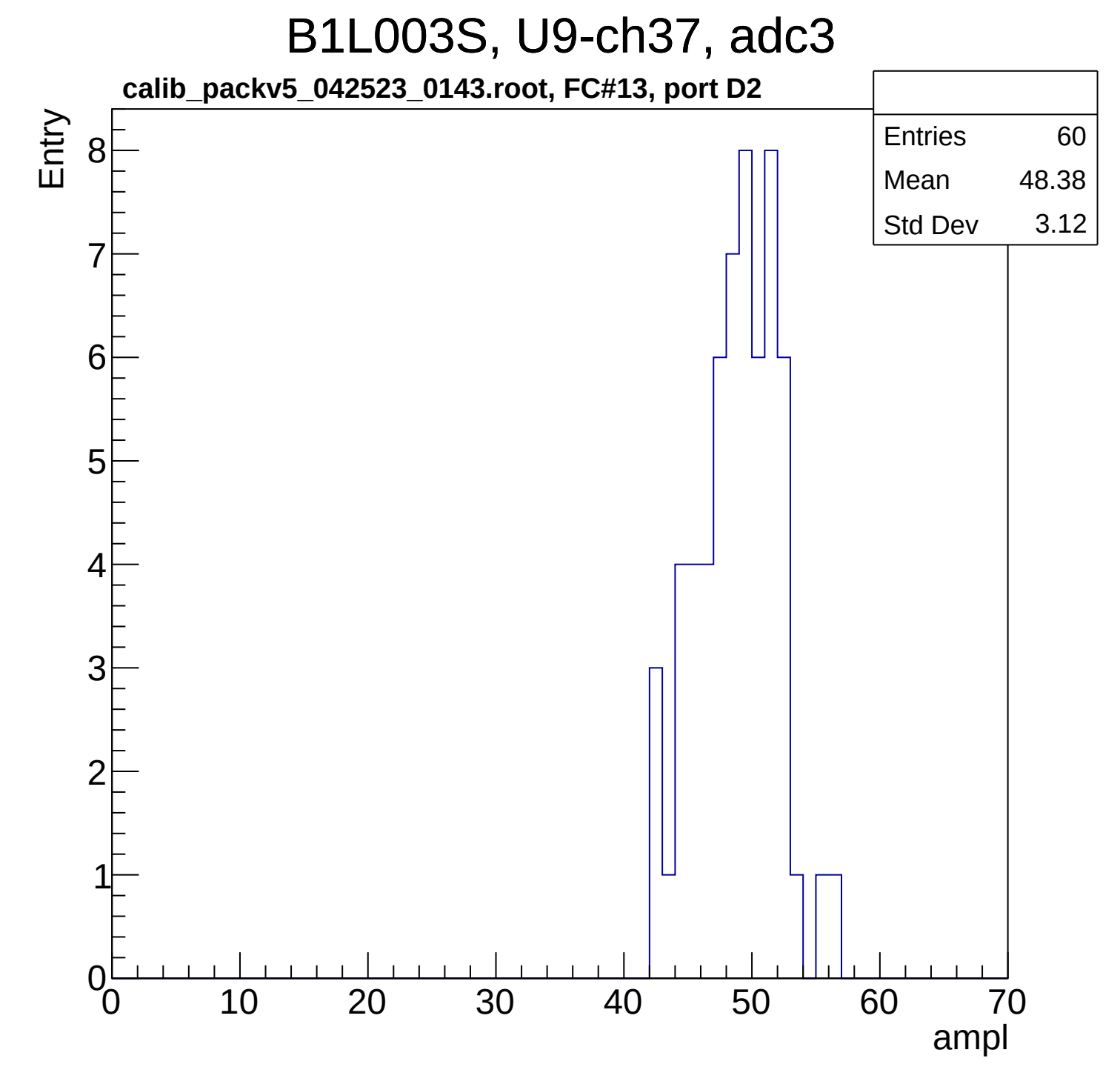
B1L003S, U9-ch37, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 48.38
Std Dev 3.12
Entry
ampl
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4
5
6
7
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0
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40
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60
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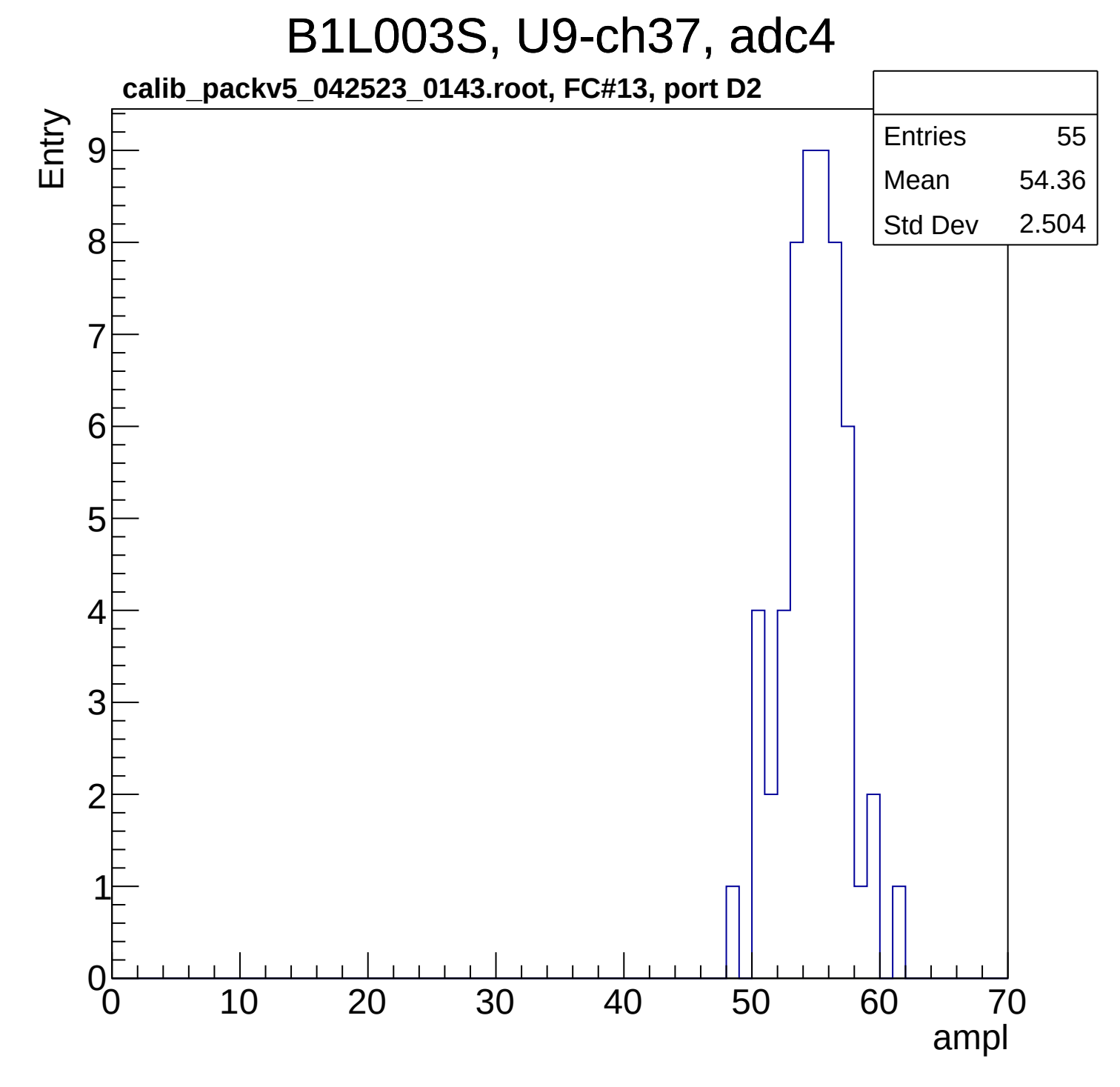
B1L003S, U9-ch37, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 54.36
Std Dev 2.504
Entry
ampl
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2
3
4
5
6
7
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0
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60
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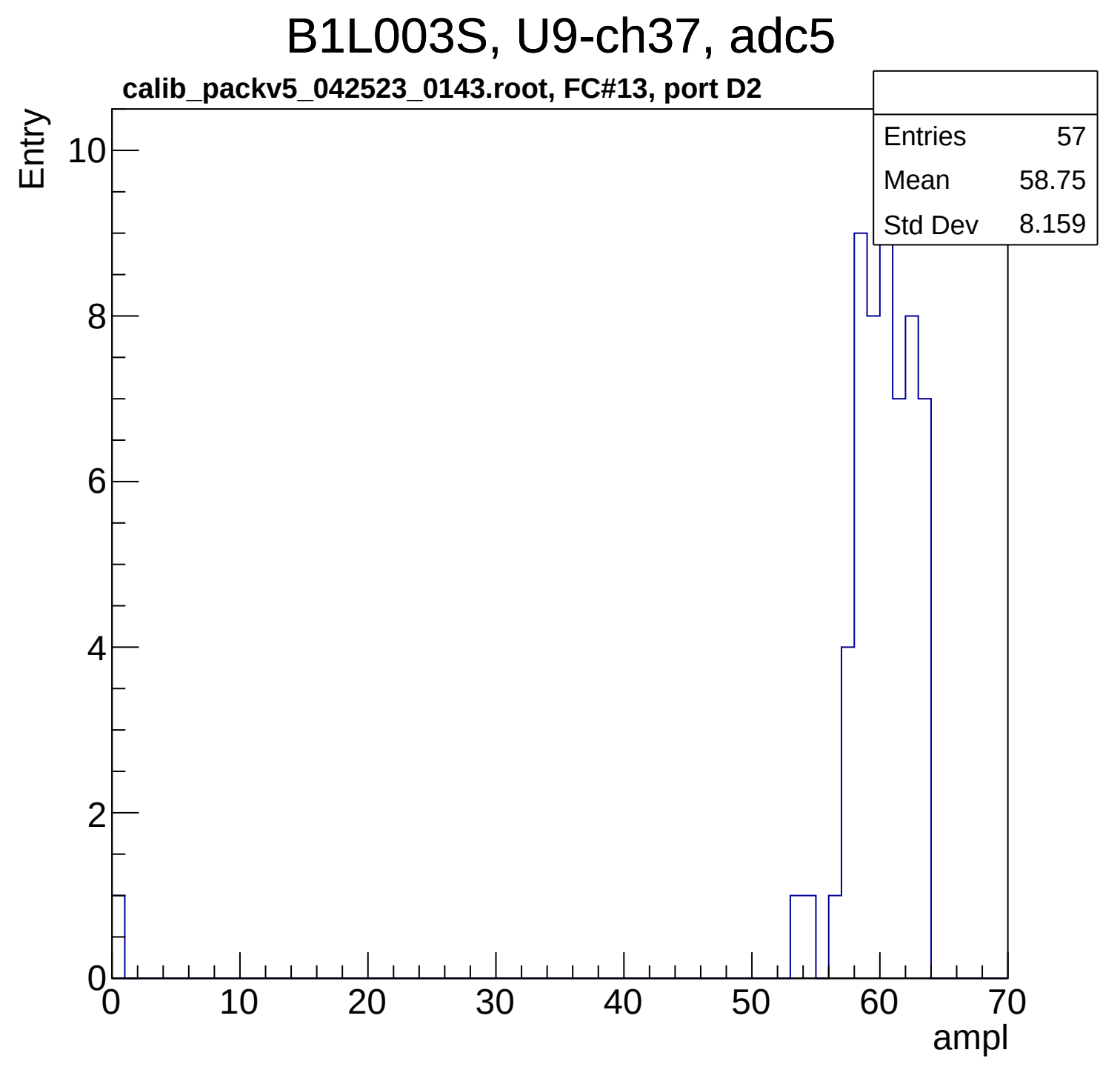
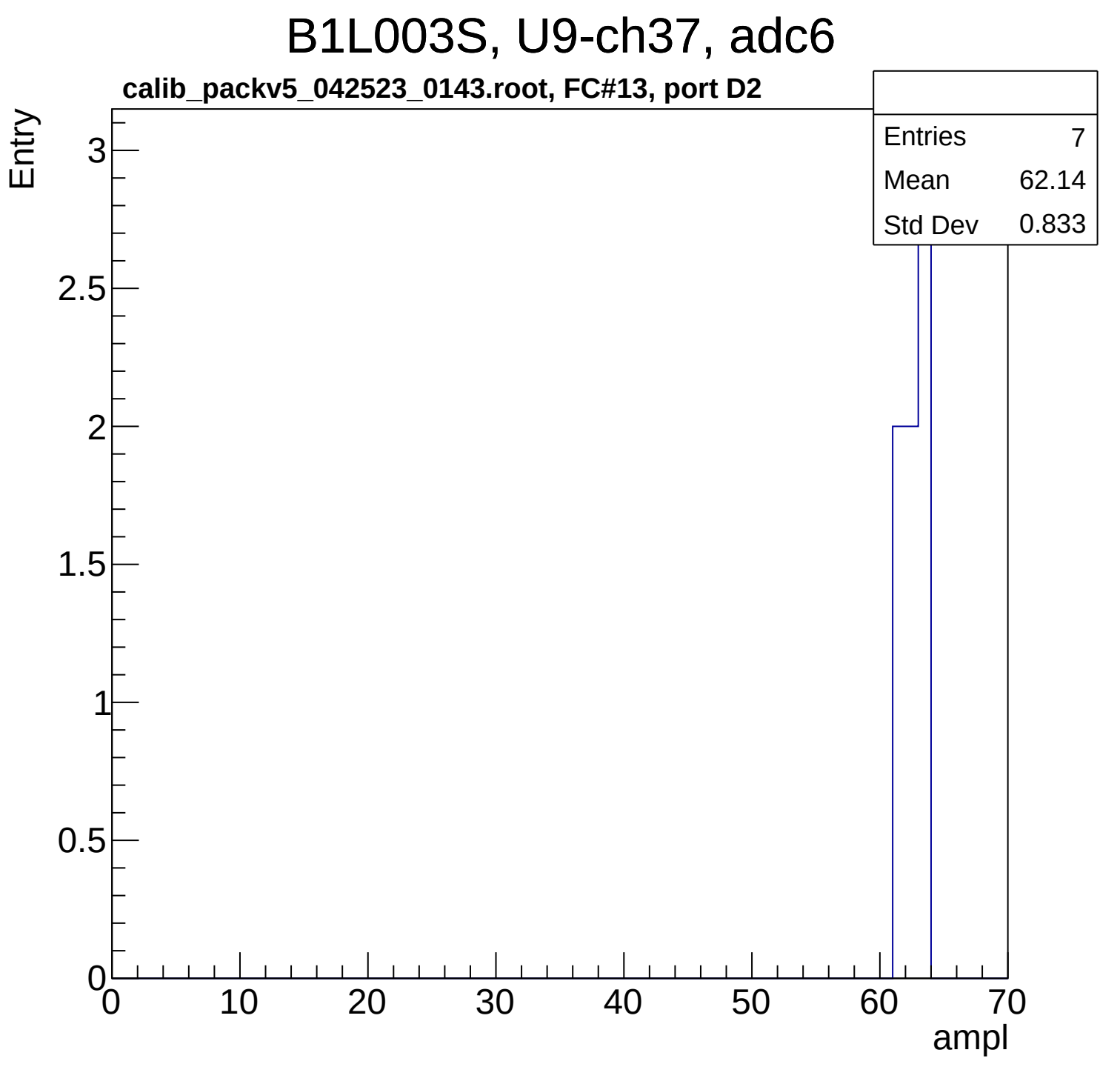

B1L003S, U9-ch37, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 58.75
Std Dev 8.159
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch37, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.14
Std Dev 0.833
Entry
ampl
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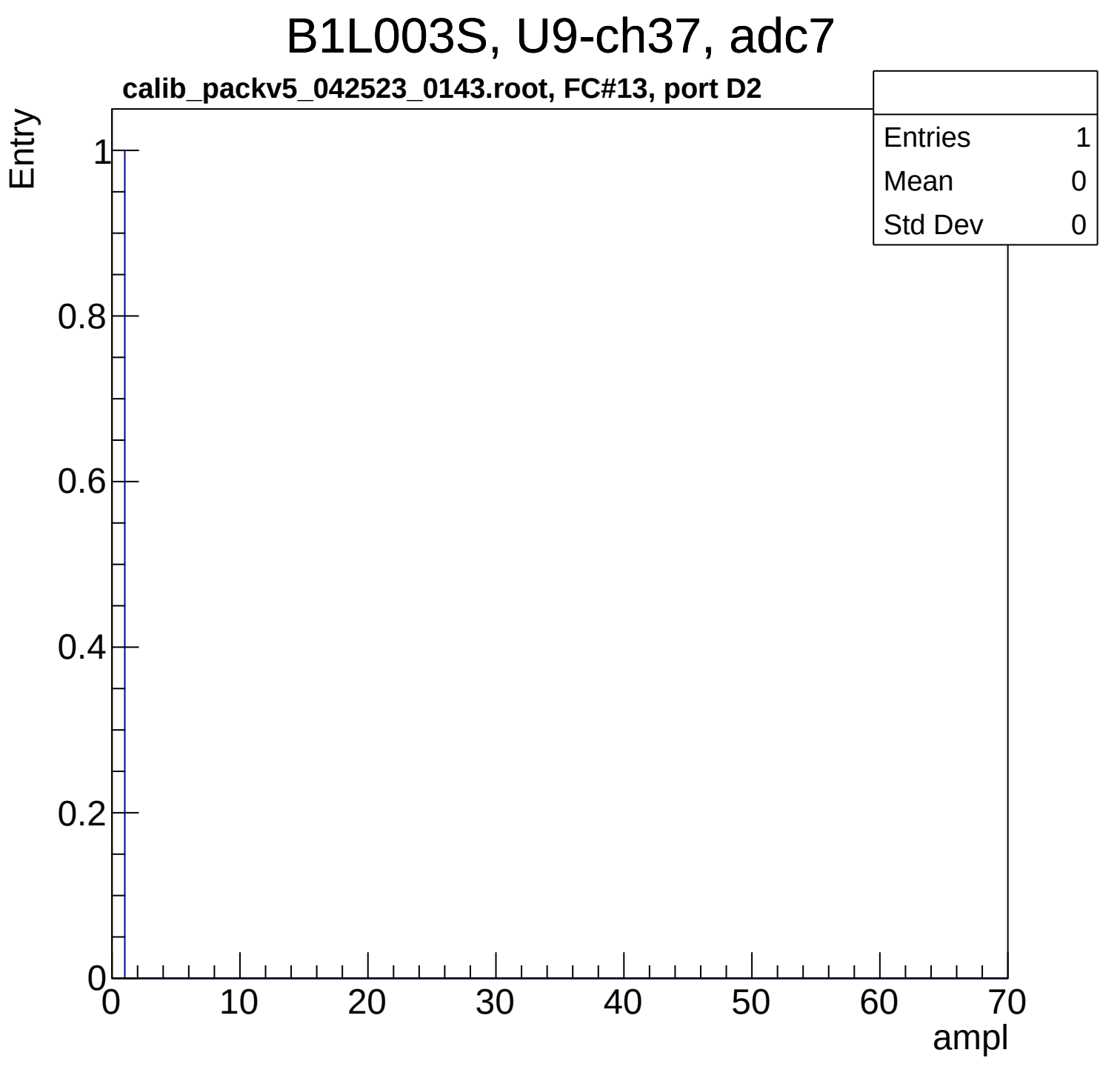
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch37, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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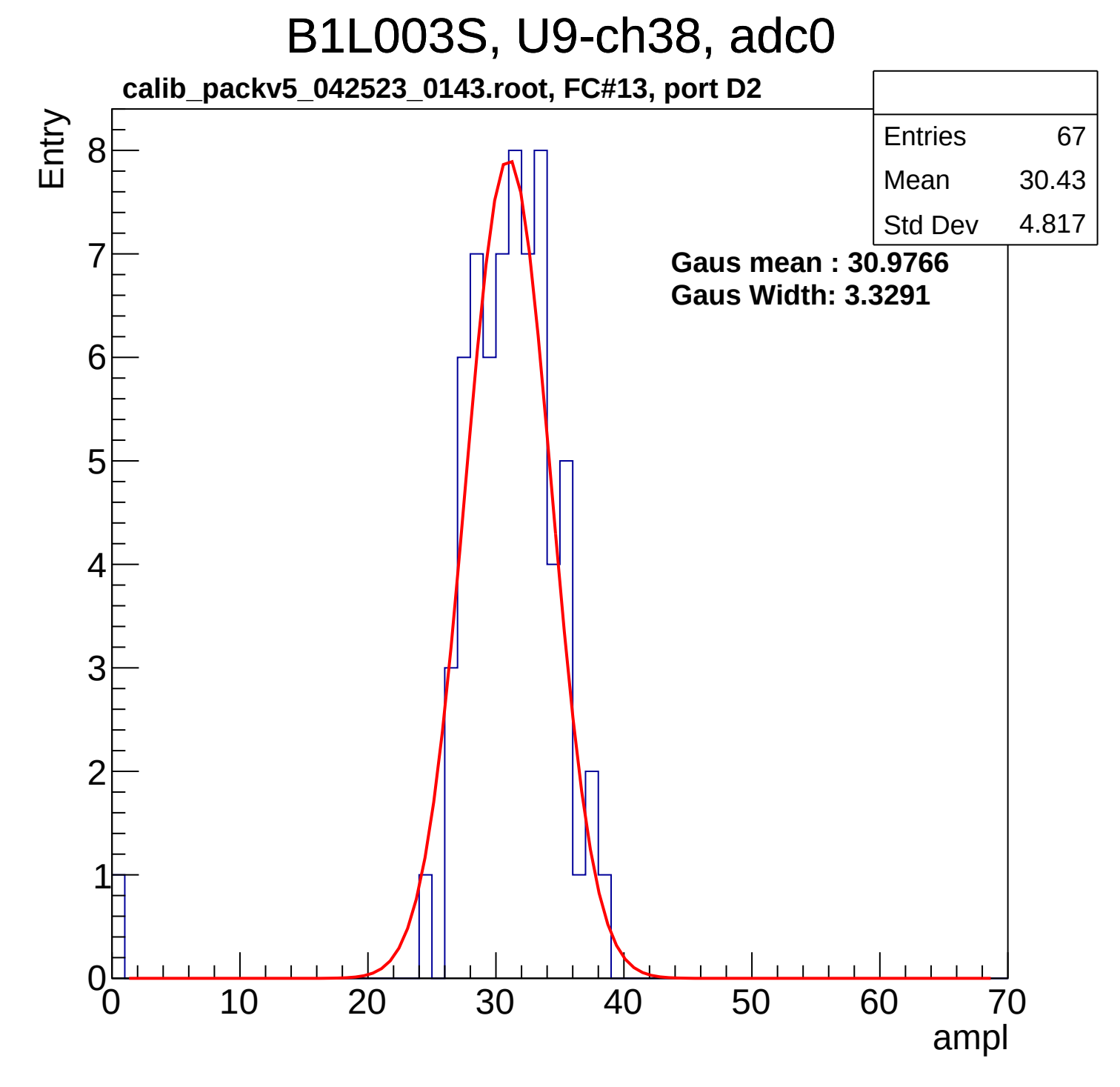
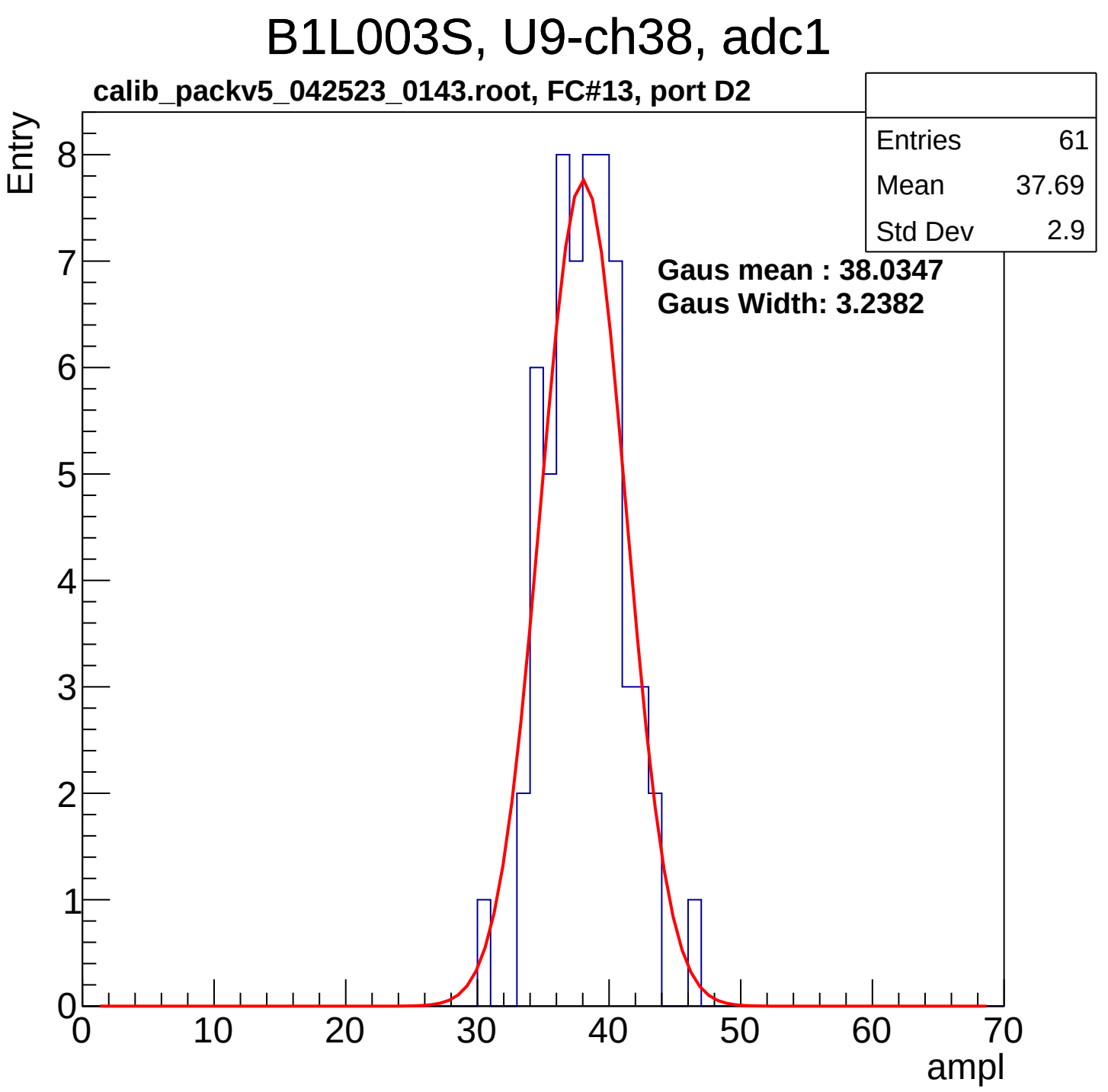
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch38, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 30.43
Std Dev 4.817
Gaus mean : 30.9766
Gaus Width: 3.3291
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch38, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 37.69
Std Dev 2.9
Gaus mean : 38.0347
Gaus Width: 3.2382
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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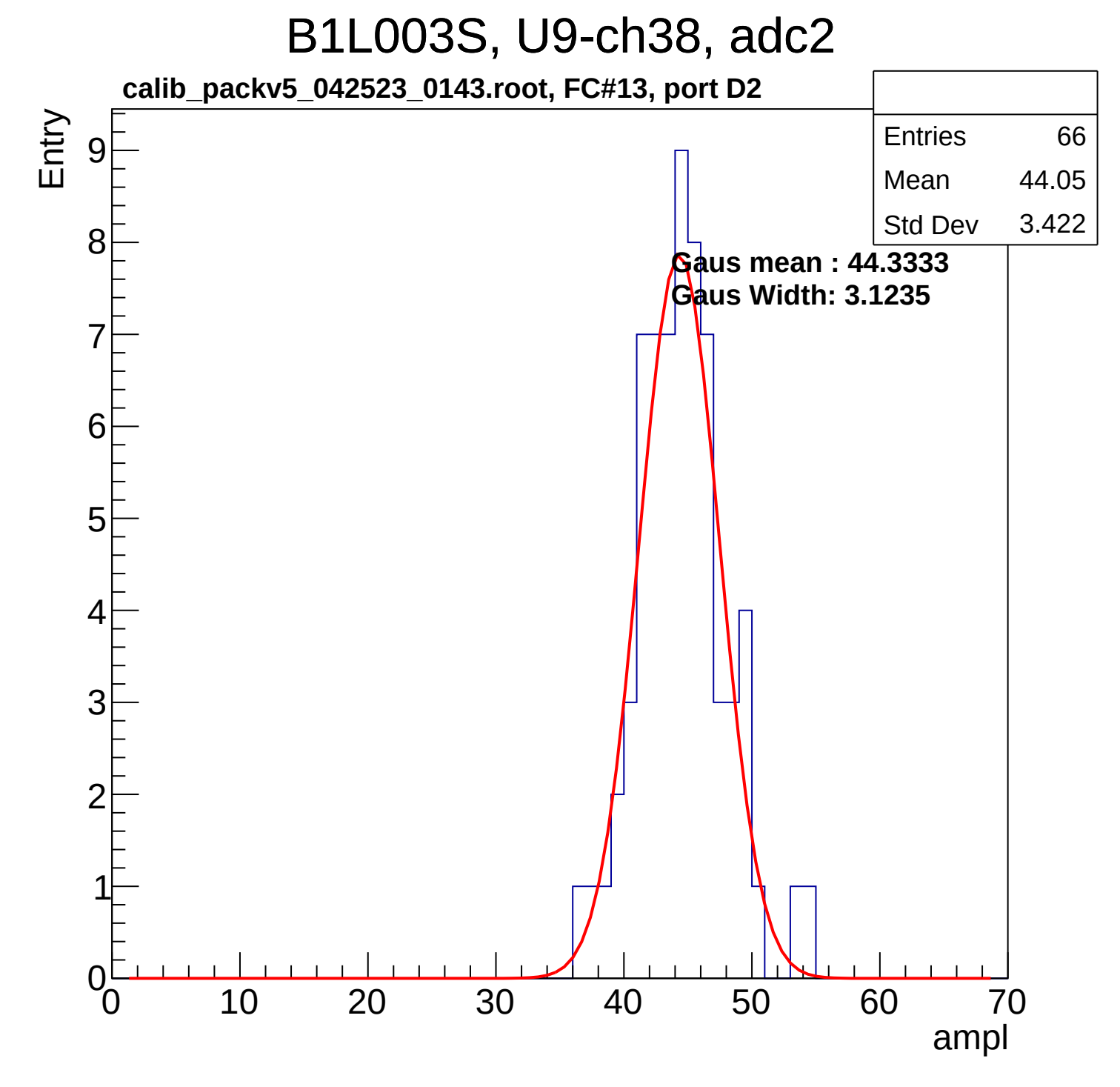
B1L003S, U9-ch38, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 44.05
Std Dev 3.422
Gaus mean : 44.3333
Gaus Width: 3.1235
Entry
ampl
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3
4
5
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7
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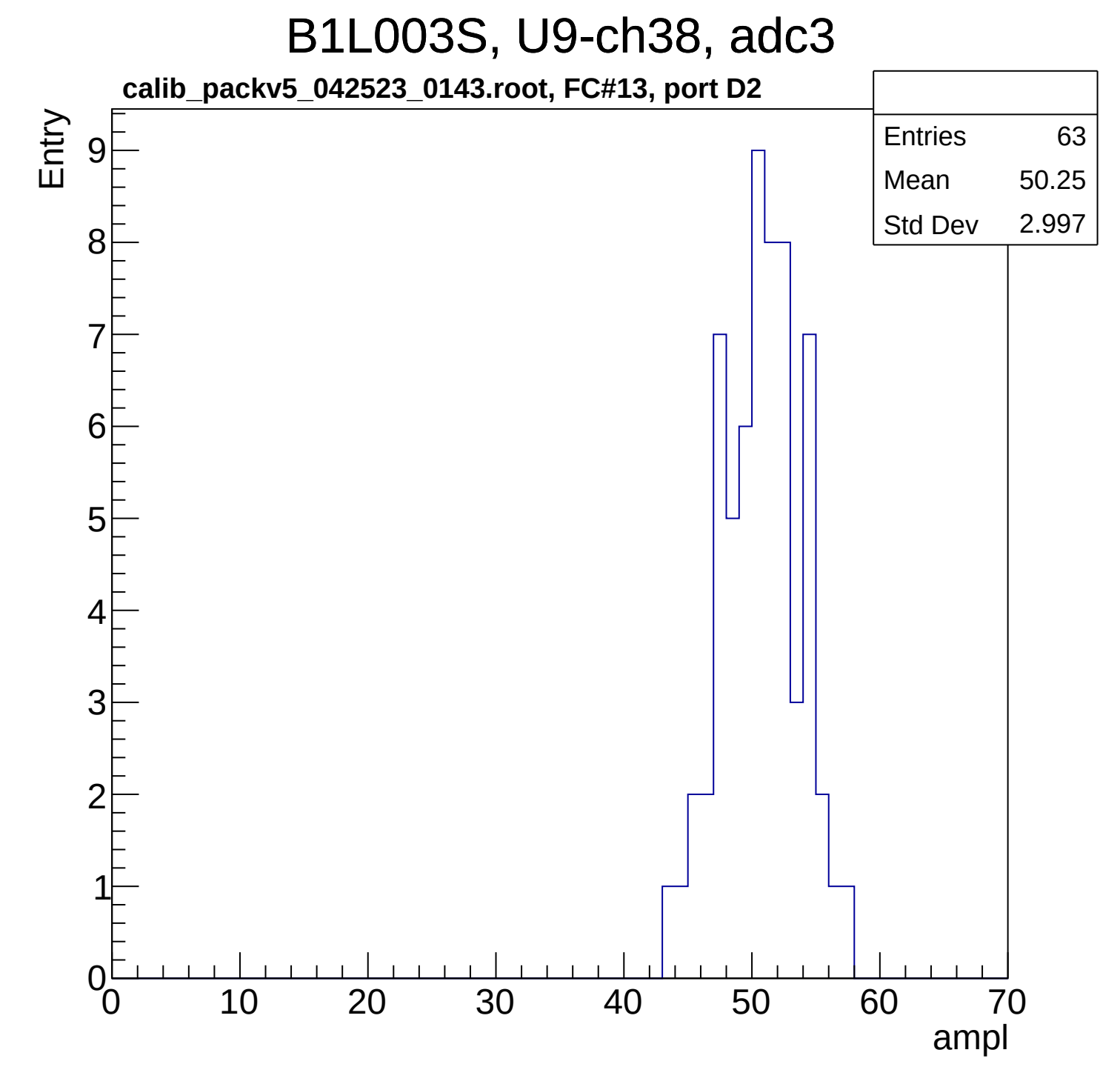
B1L003S, U9-ch38, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 50.25
Std Dev 2.997
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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60
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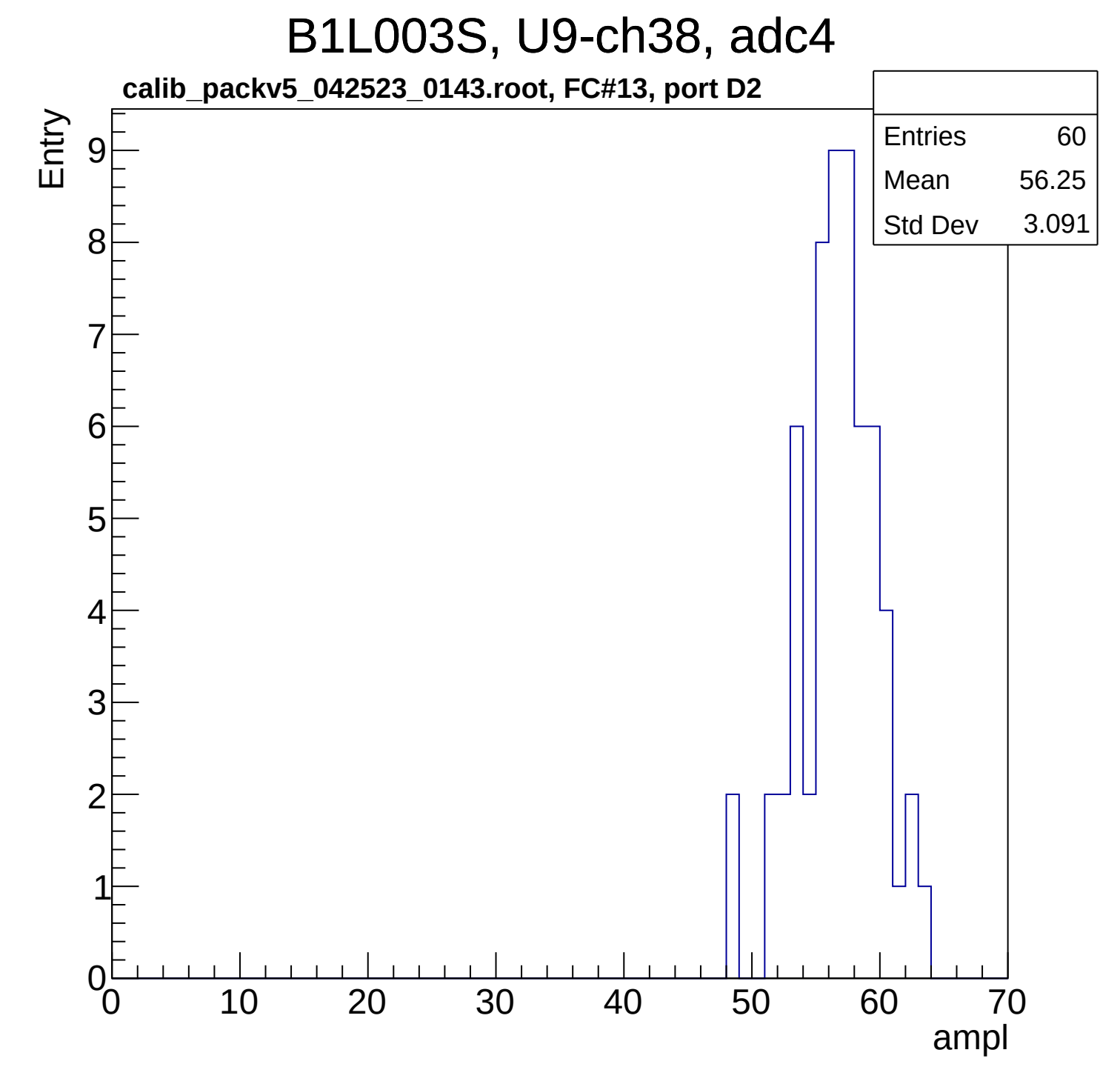
B1L003S, U9-ch38, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 56.25
Std Dev 3.091
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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60
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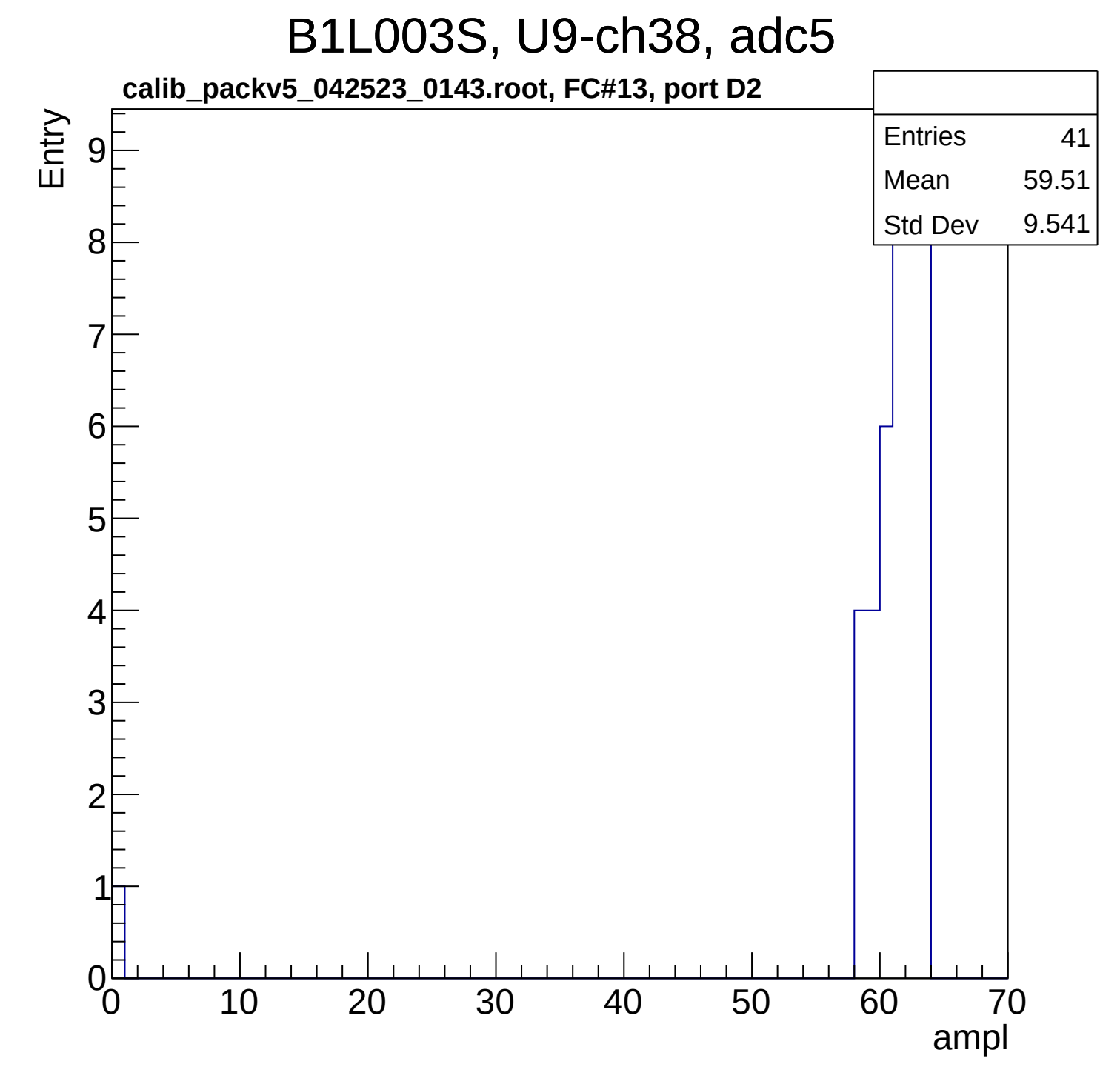
B1L003S, U9-ch38, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 59.51
Std Dev 9.541
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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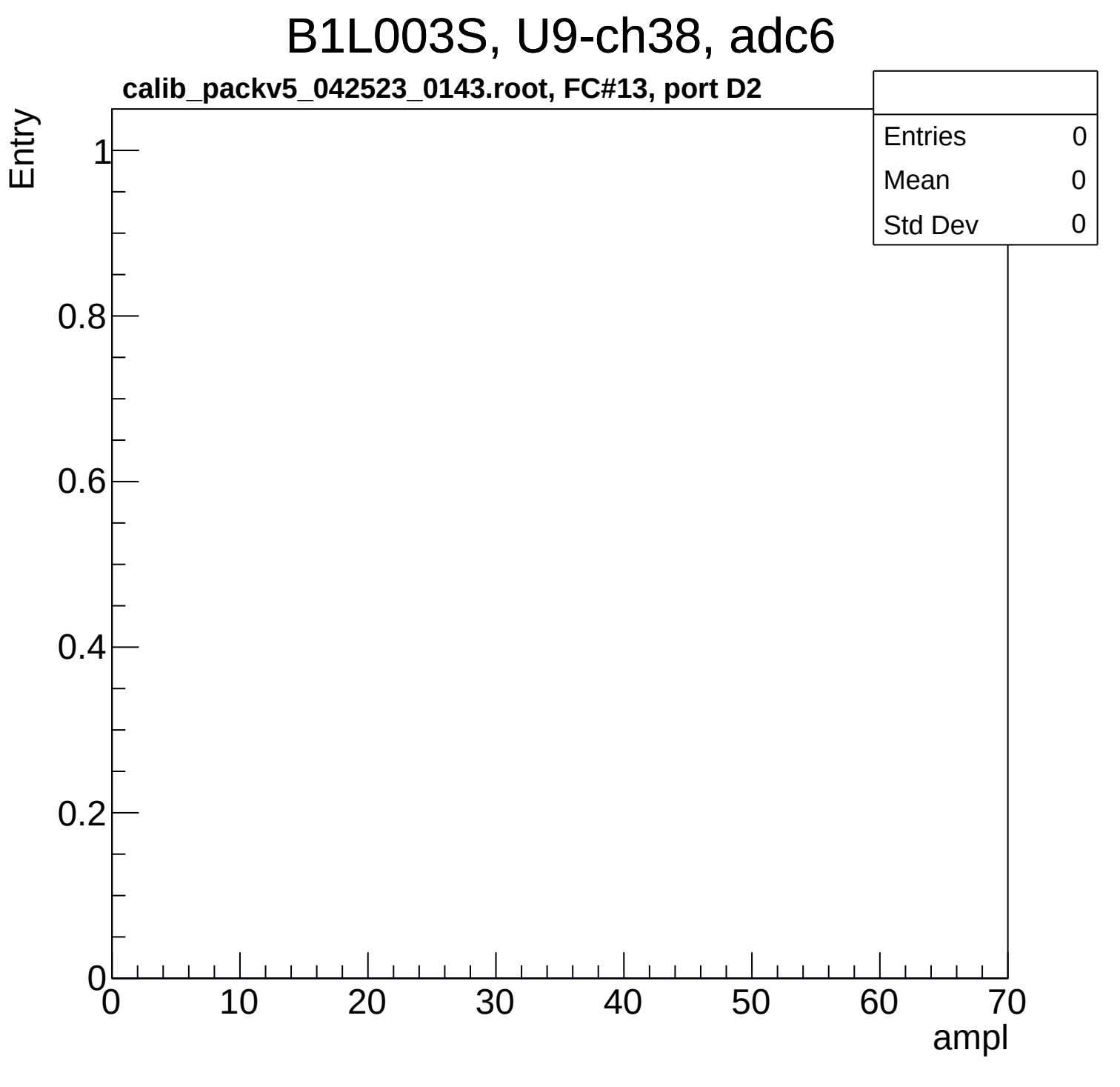
B1L003S, U9-ch38, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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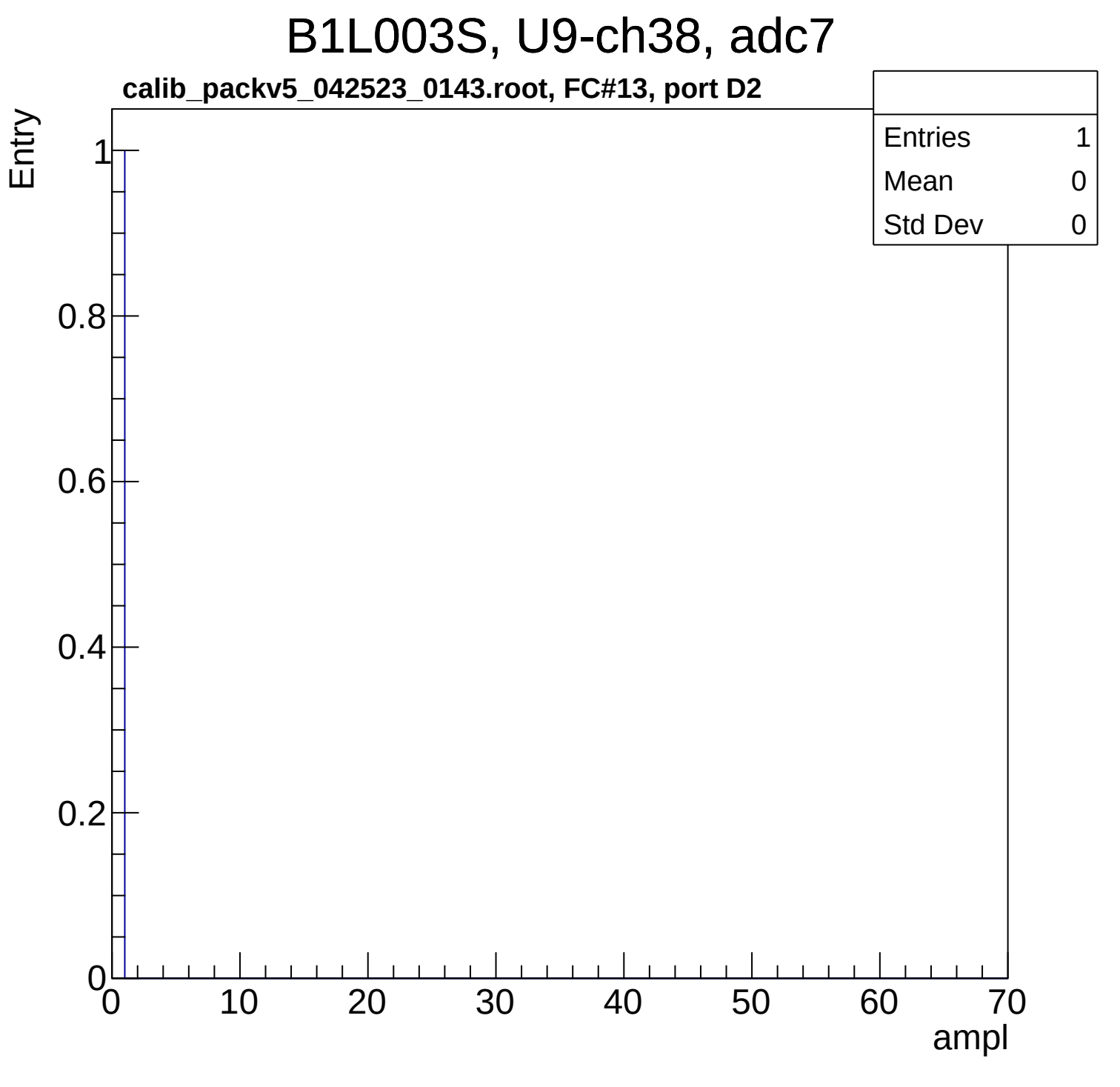
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch38, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
30
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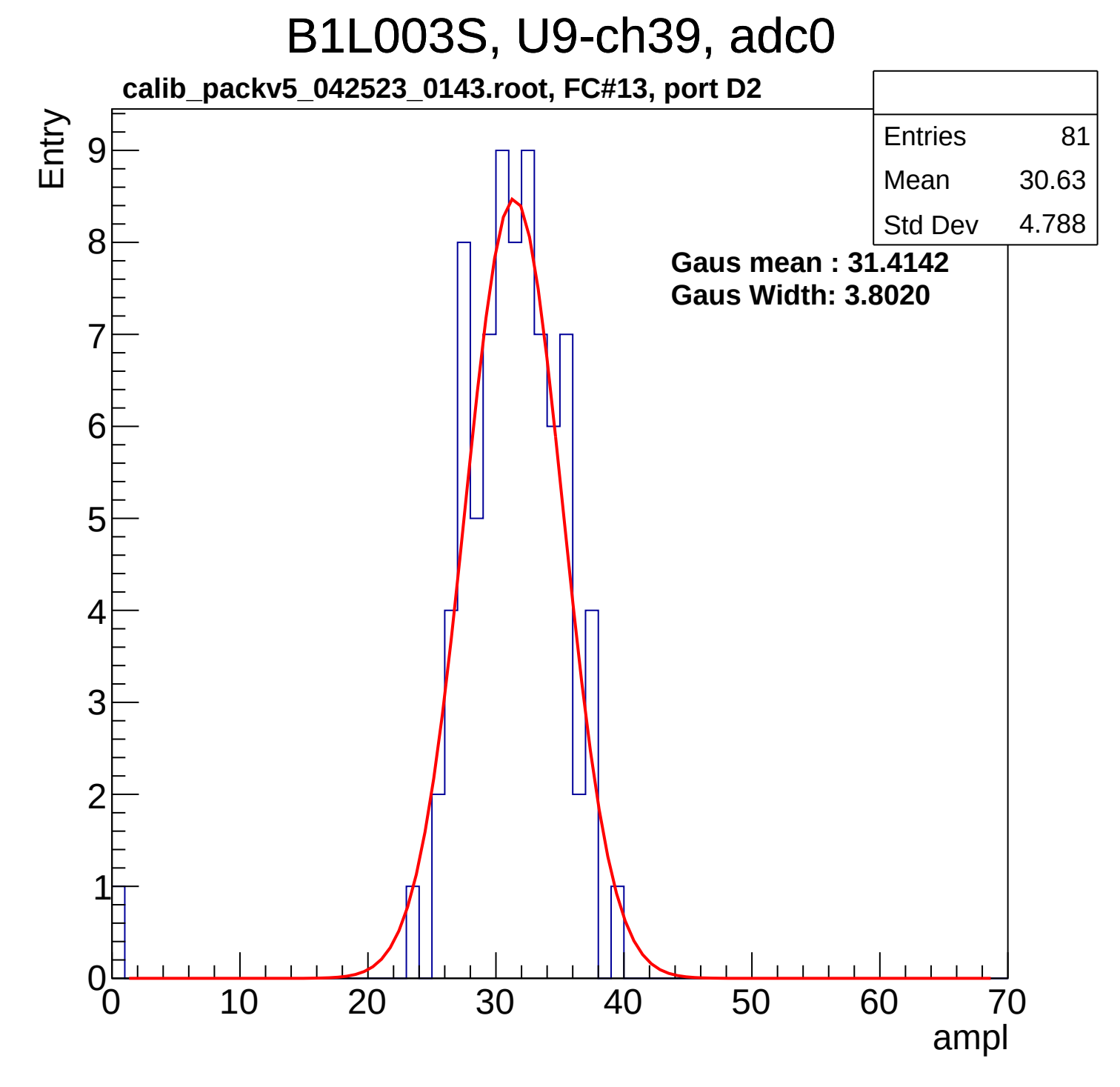
50
60
70
ampl


B1L003S, U9-ch39, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 30.63
Std Dev 4.788
Gaus mean : 31.4142
Gaus Width: 3.8020
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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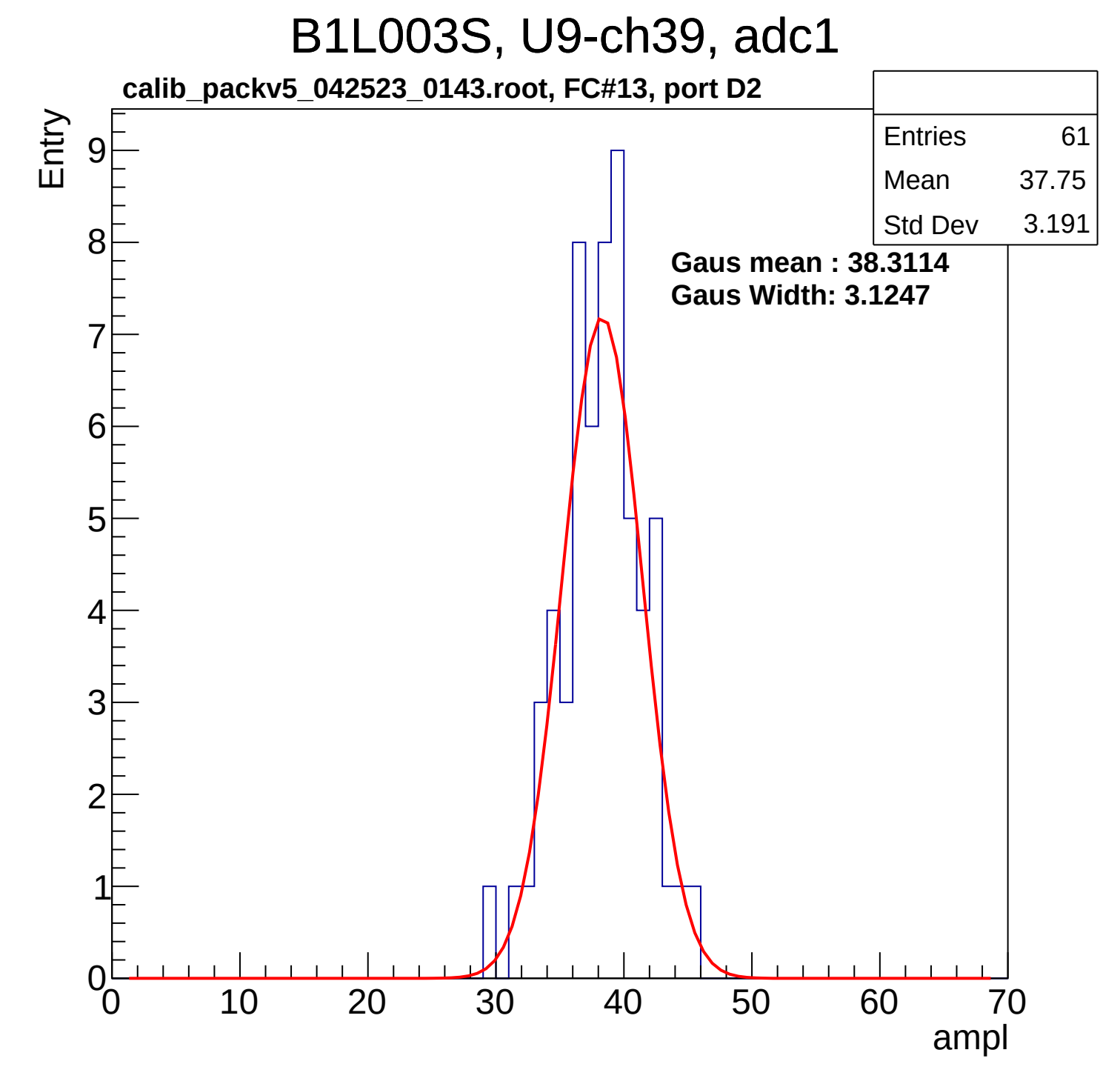
B1L003S, U9-ch39, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 37.75
Std Dev 3.191
Gaus mean : 38.3114
Gaus Width: 3.1247
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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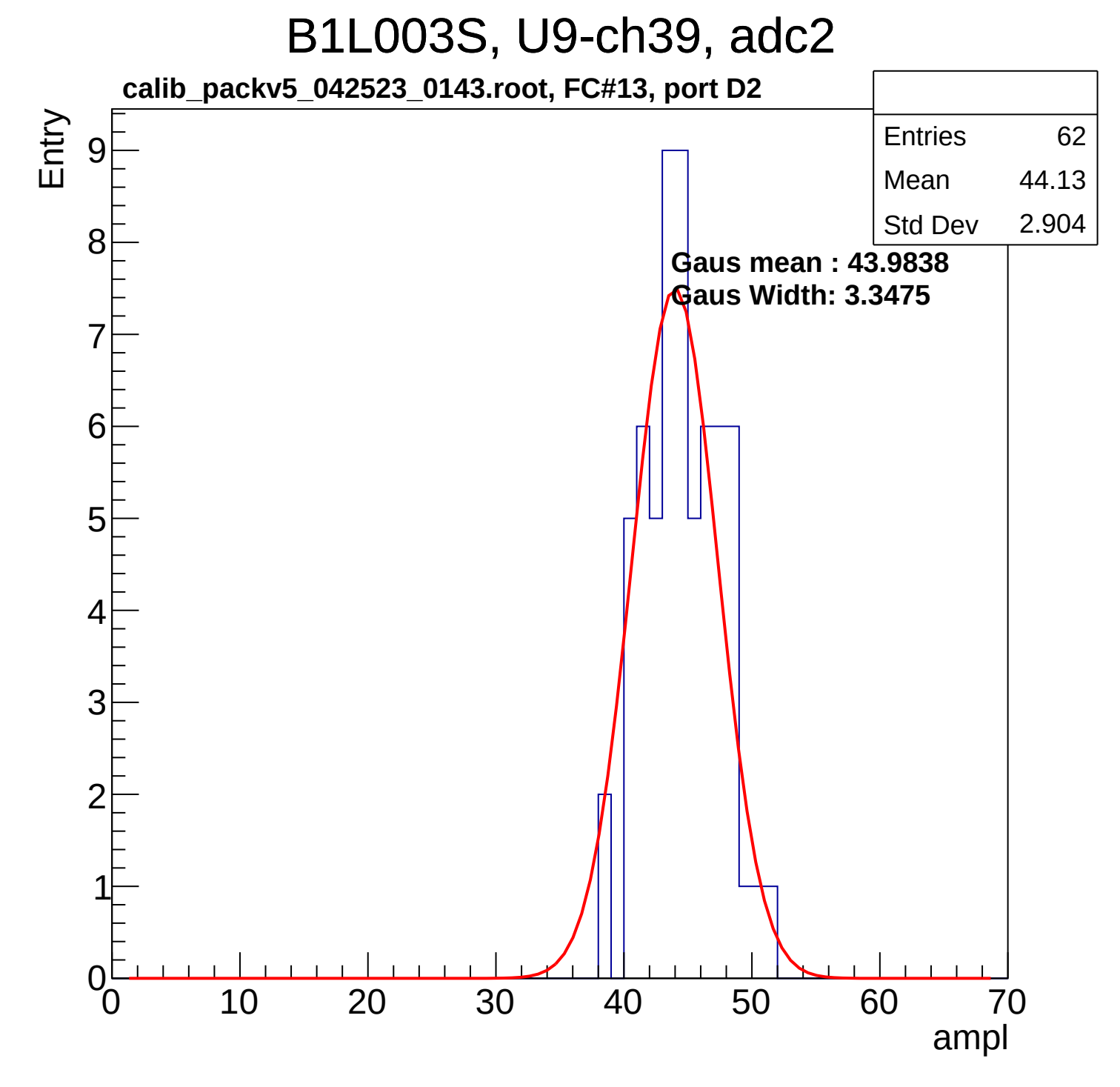
B1L003S, U9-ch39, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 44.13
Std Dev 2.904
Gaus mean : 43.9838
Gaus Width: 3.3475
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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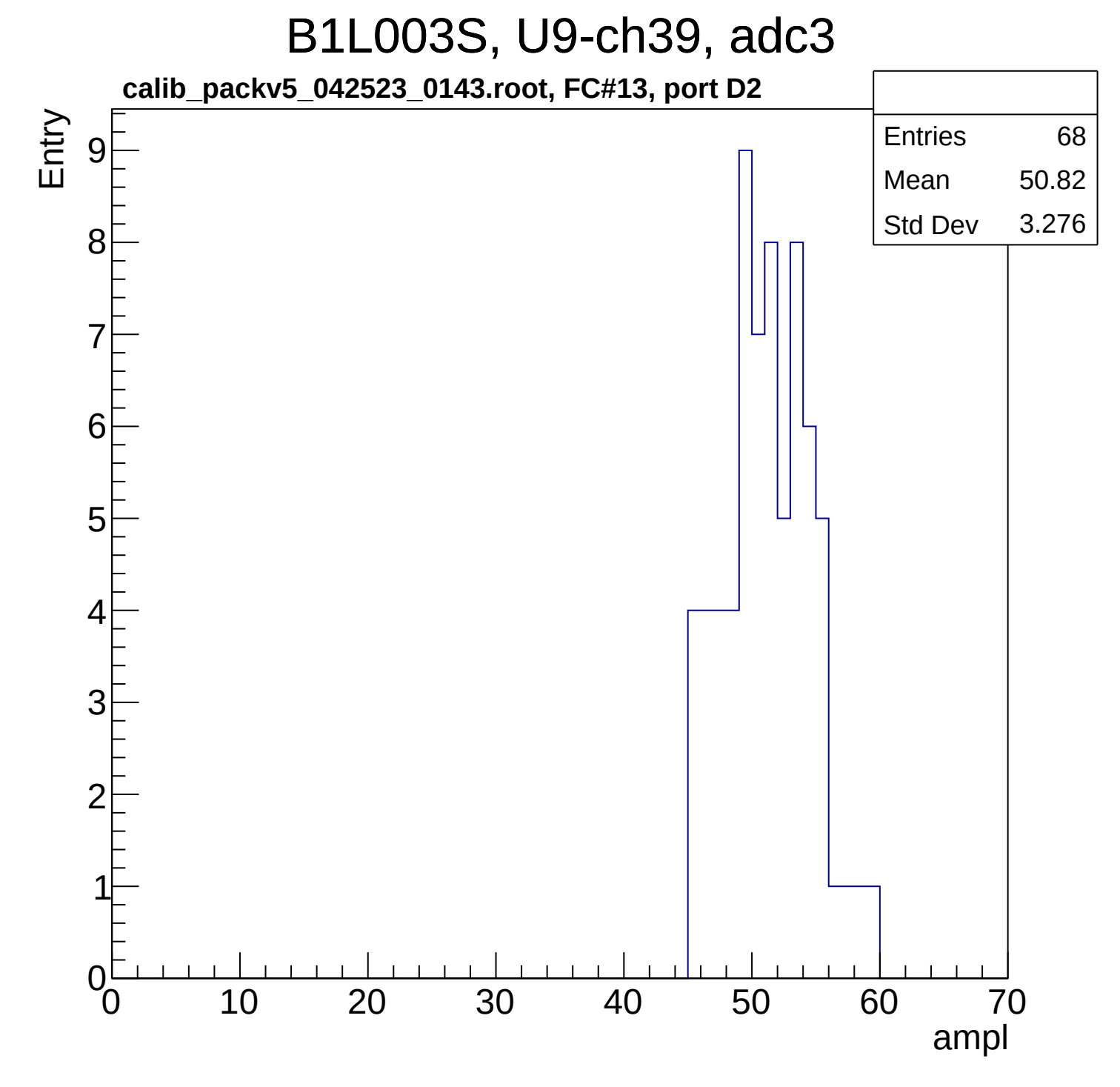
B1L003S, U9-ch39, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 50.82
Std Dev 3.276
Entry
ampl
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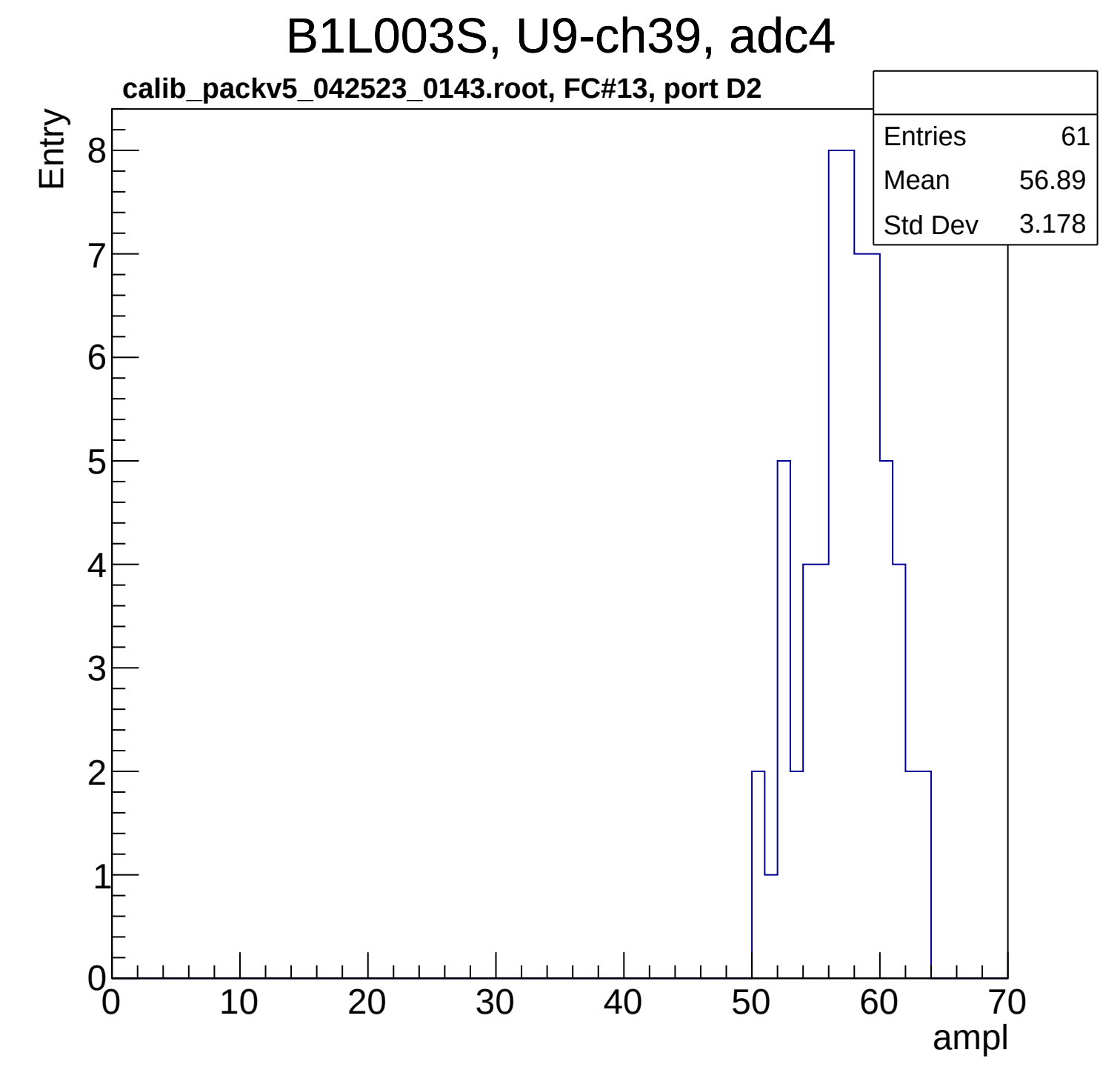
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch39, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 56.89
Std Dev 3.178
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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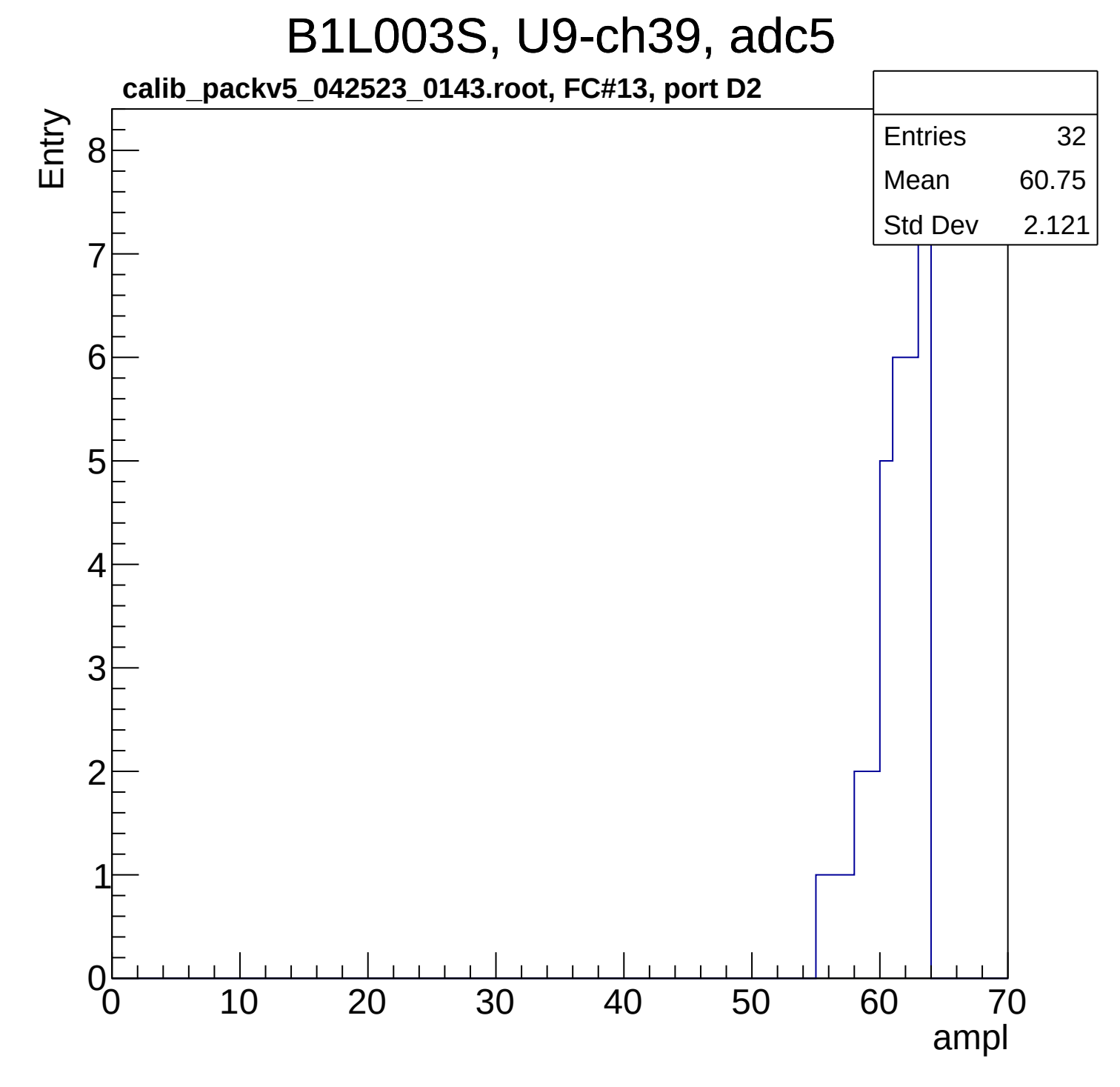
B1L003S, U9-ch39, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 32
Mean 60.75
Std Dev 2.121
Entry
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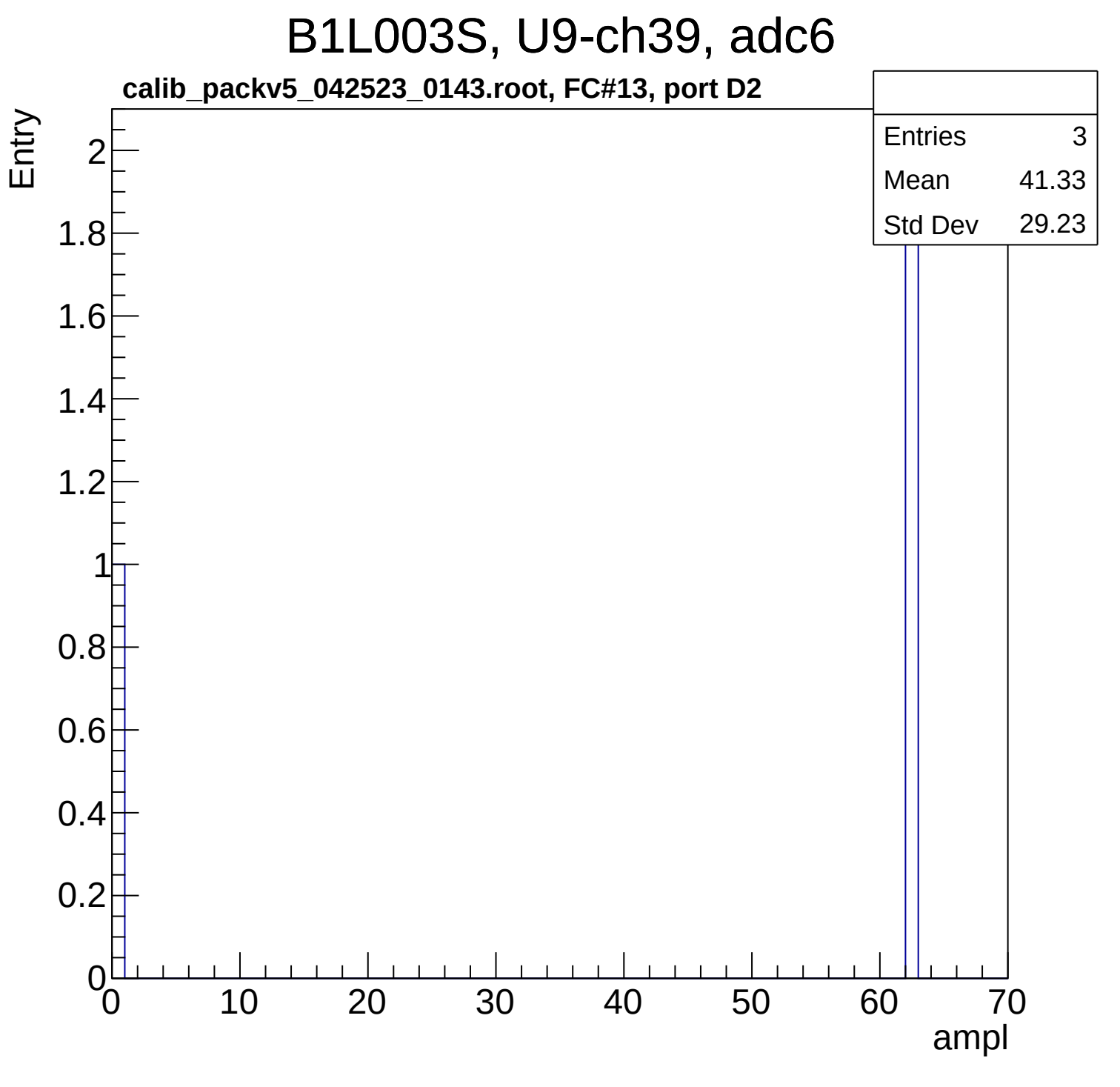
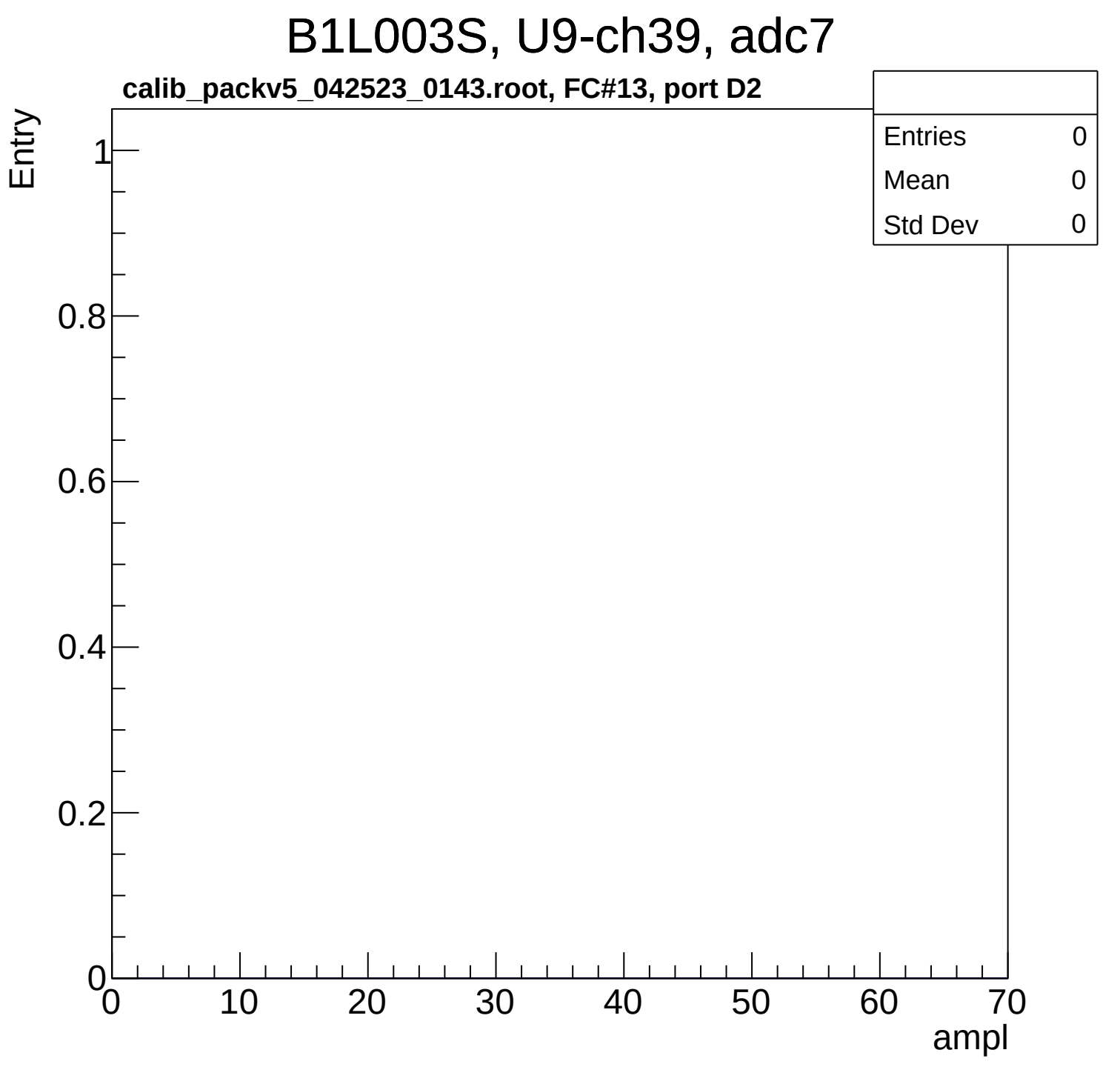
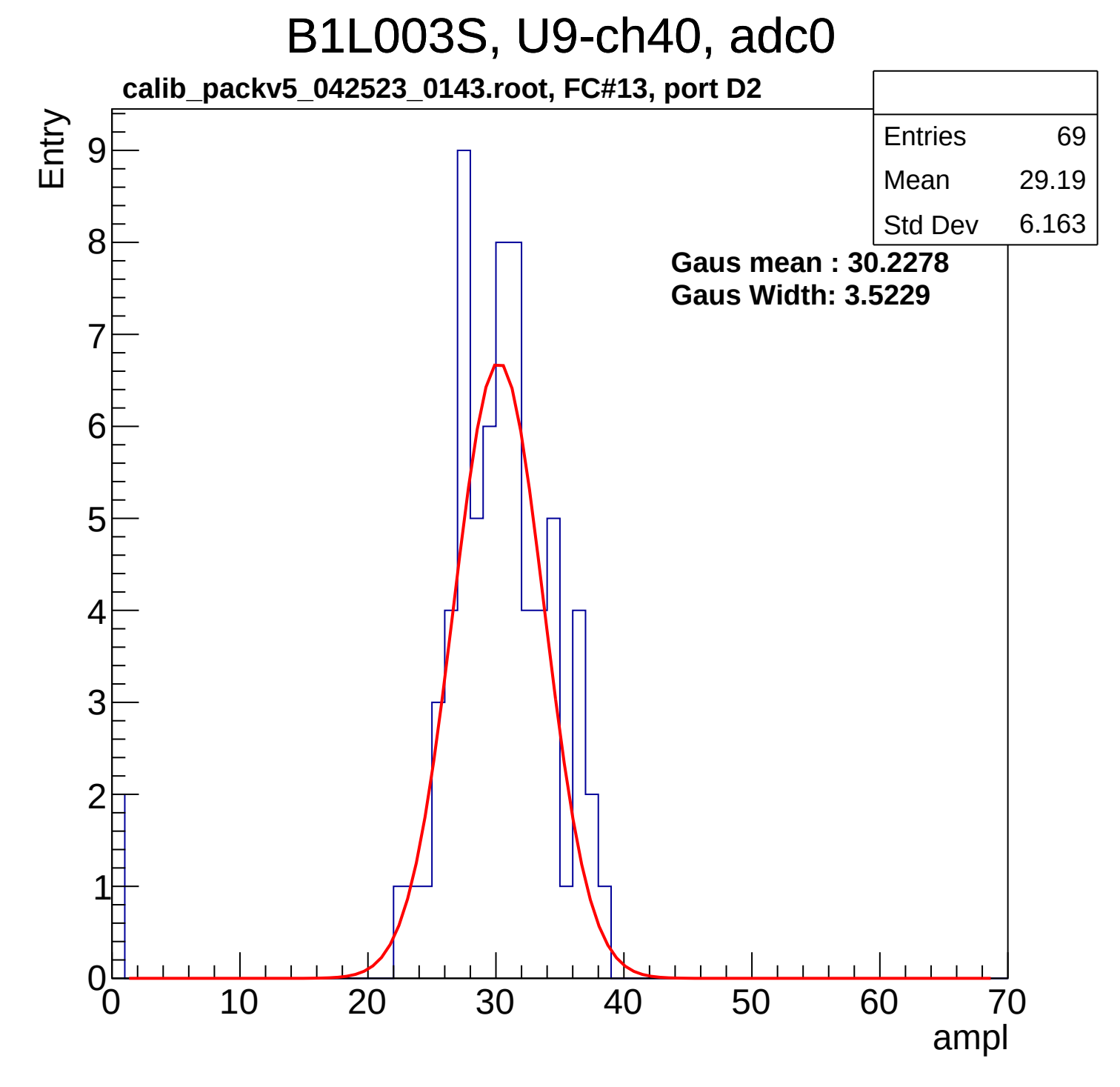
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch39, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 41.33
Std Dev 29.23
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


B1L003S, U9-ch39, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch40, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 29.19
Std Dev 6.163
Gaus mean : 30.2278
Gaus Width: 3.5229
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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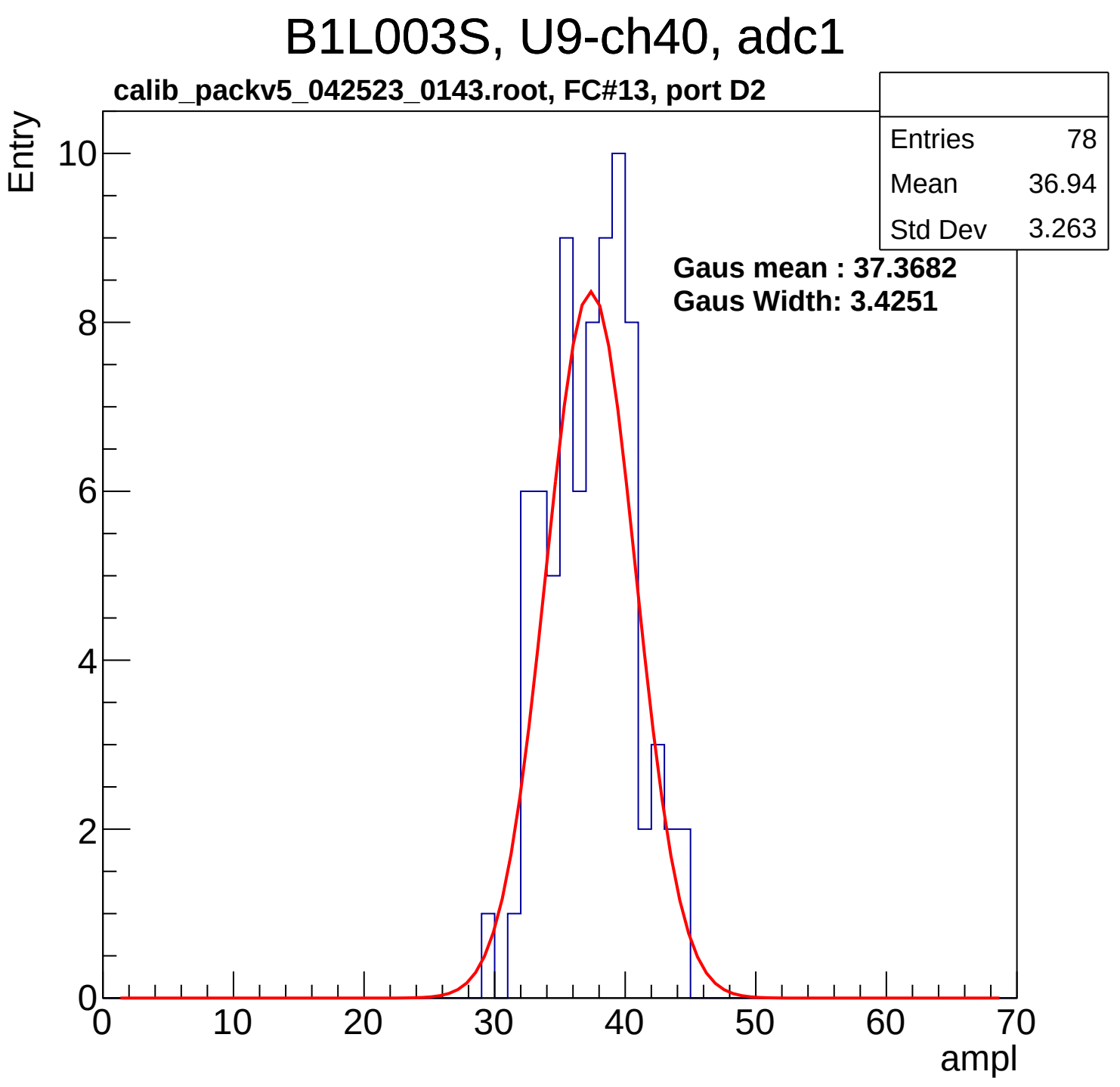
B1L003S, U9-ch40, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 36.94
Std Dev 3.263
Gaus mean : 37.3682
Gaus Width: 3.4251
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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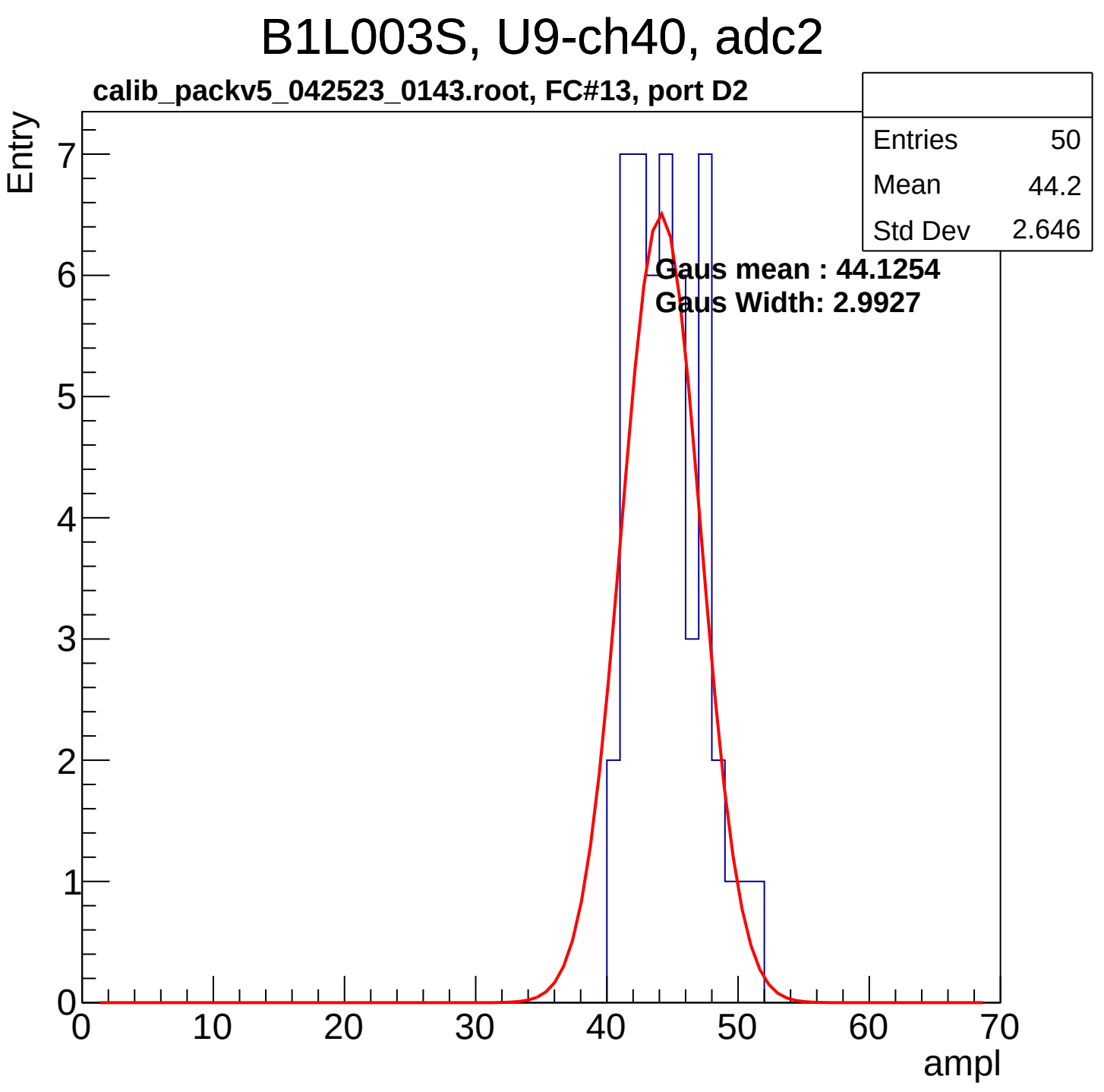
B1L003S, U9-ch40, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 44.2
Std Dev 2.646
Gaus mean : 44.1254
Gaus Width: 2.9927
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
50
60
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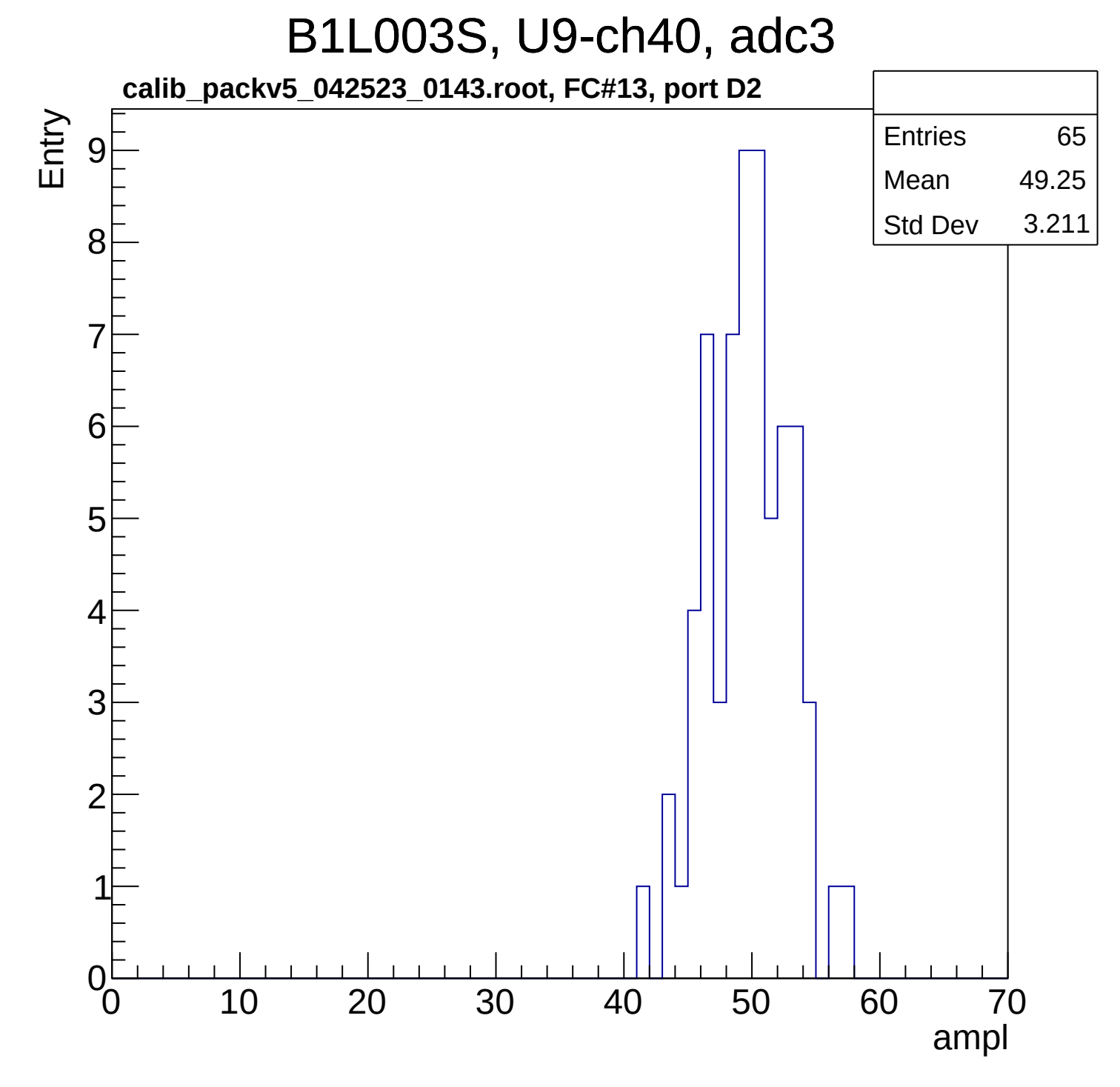
B1L003S, U9-ch40, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 49.25
Std Dev 3.211
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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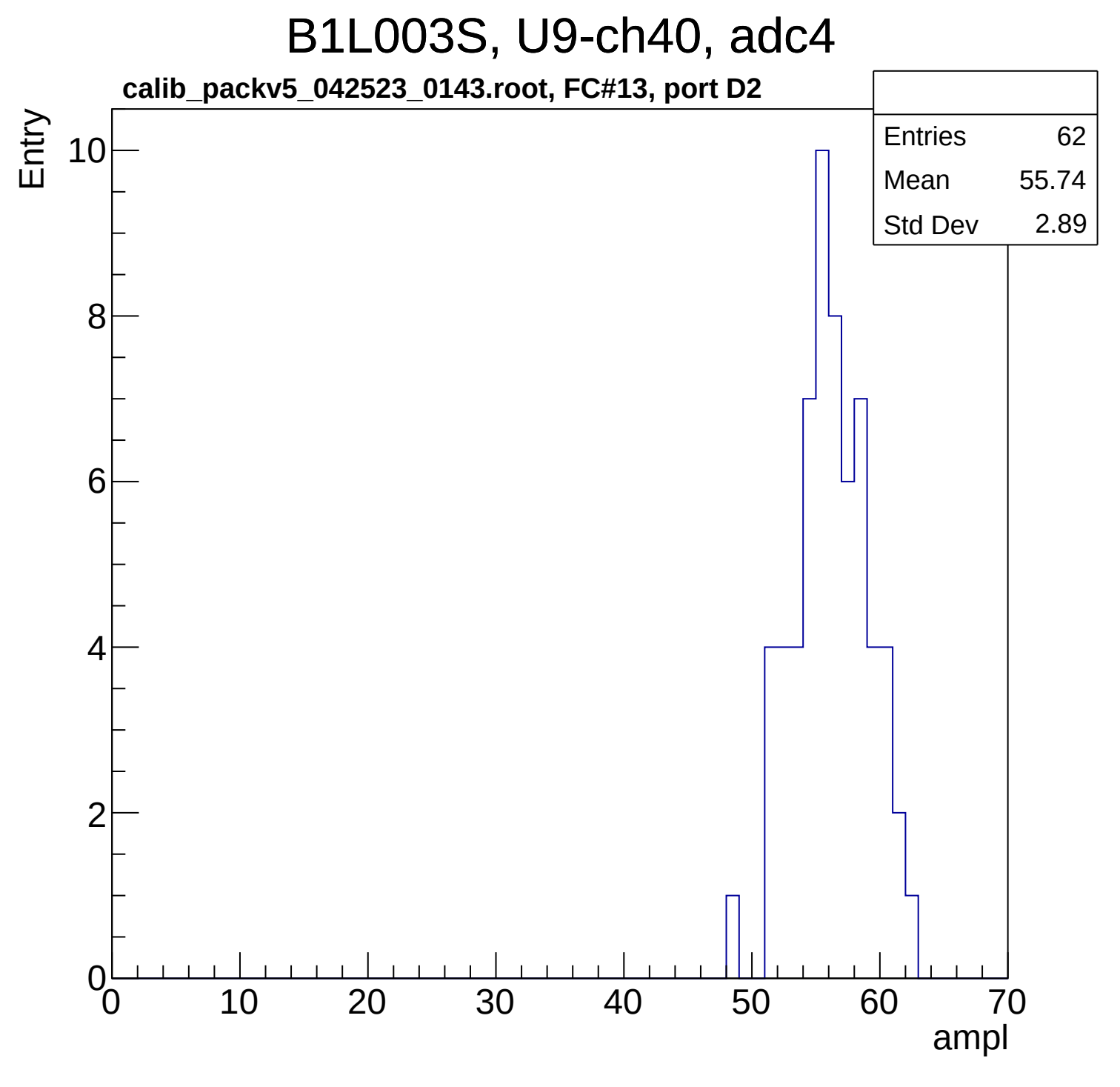
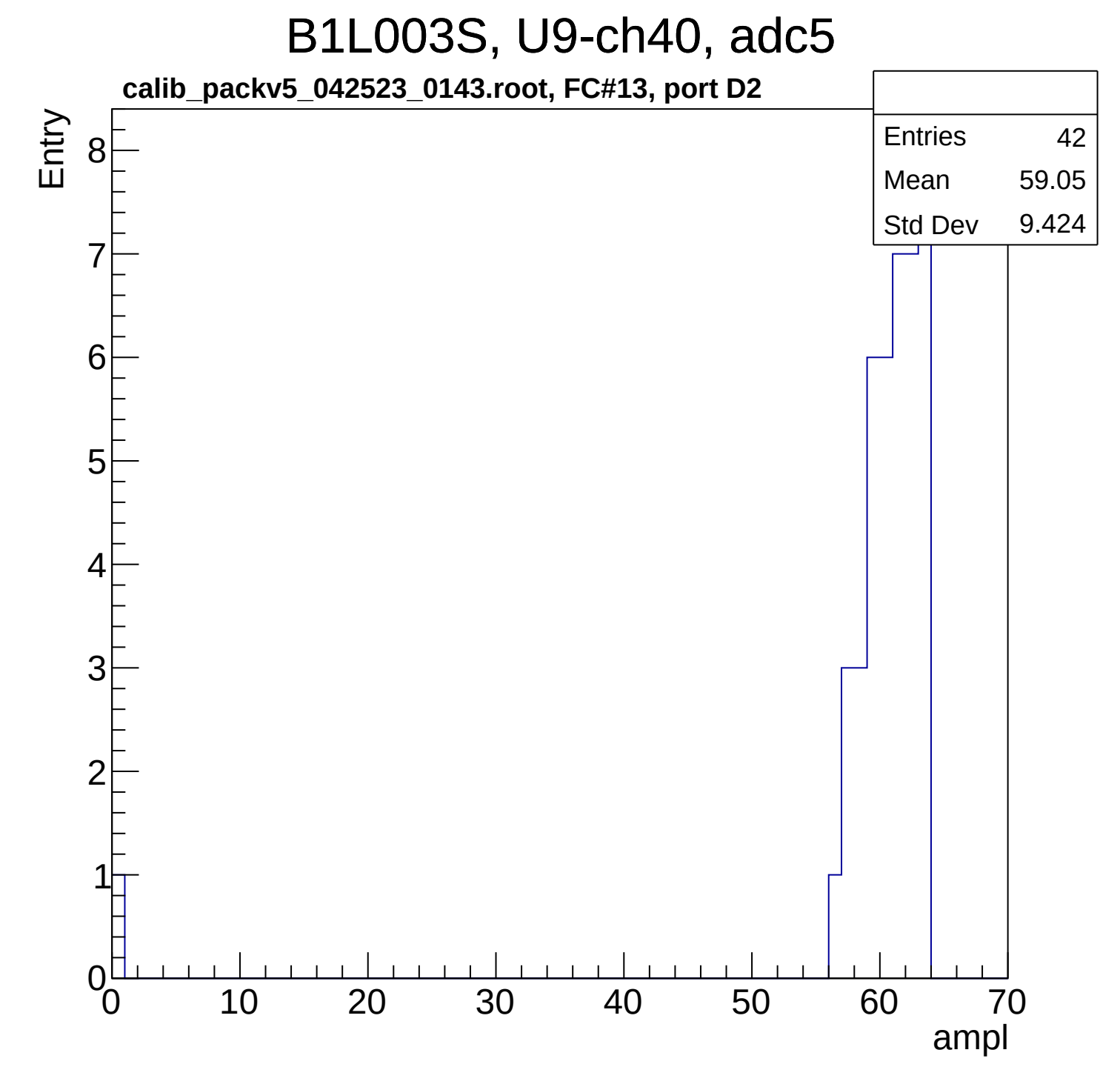

B1L003S, U9-ch40, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 55.74
Std Dev 2.89
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch40, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 59.05
Std Dev 9.424
Entry
ampl
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2
3
4
5
6
7
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0
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20
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60
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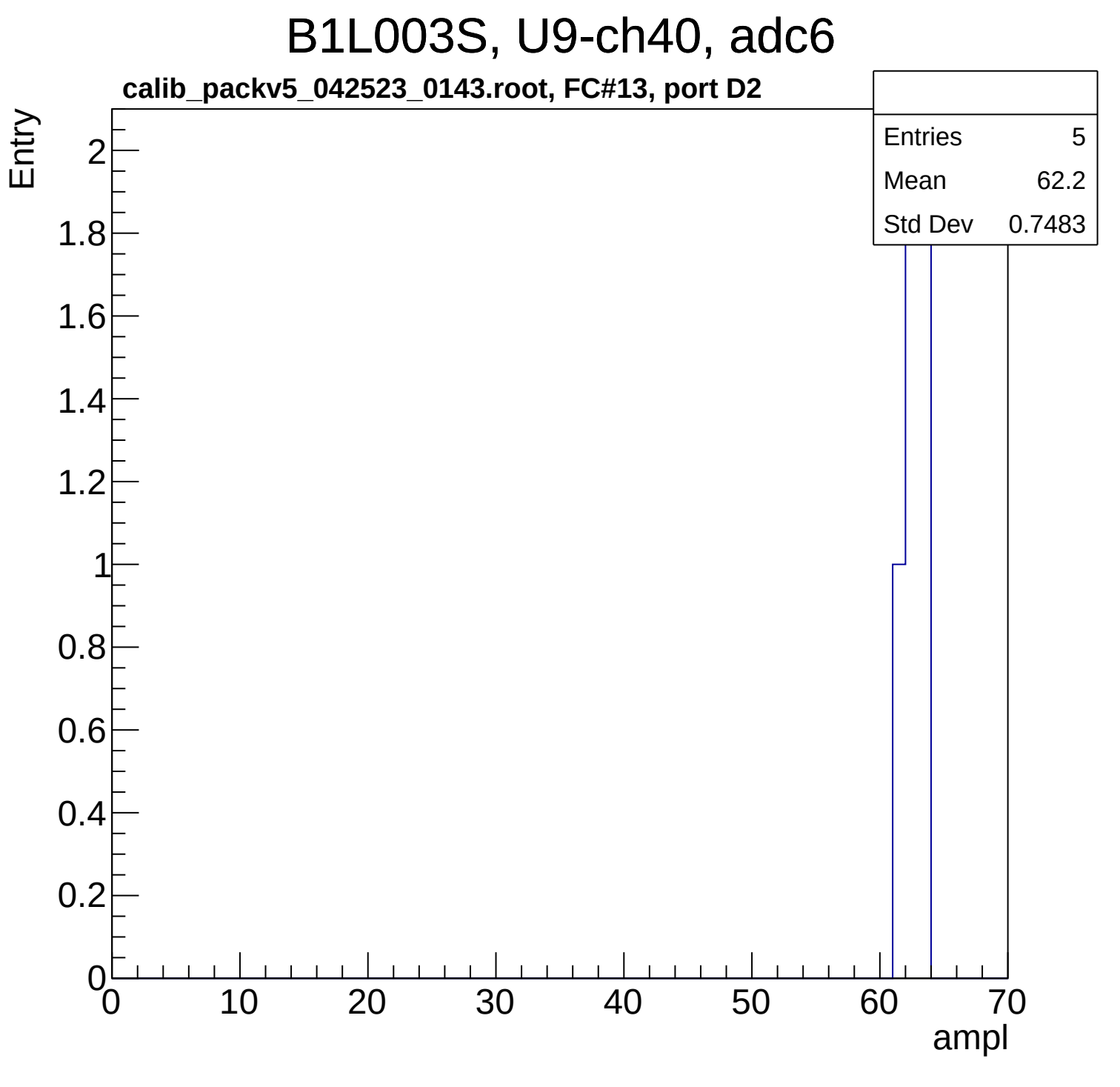
B1L003S, U9-ch40, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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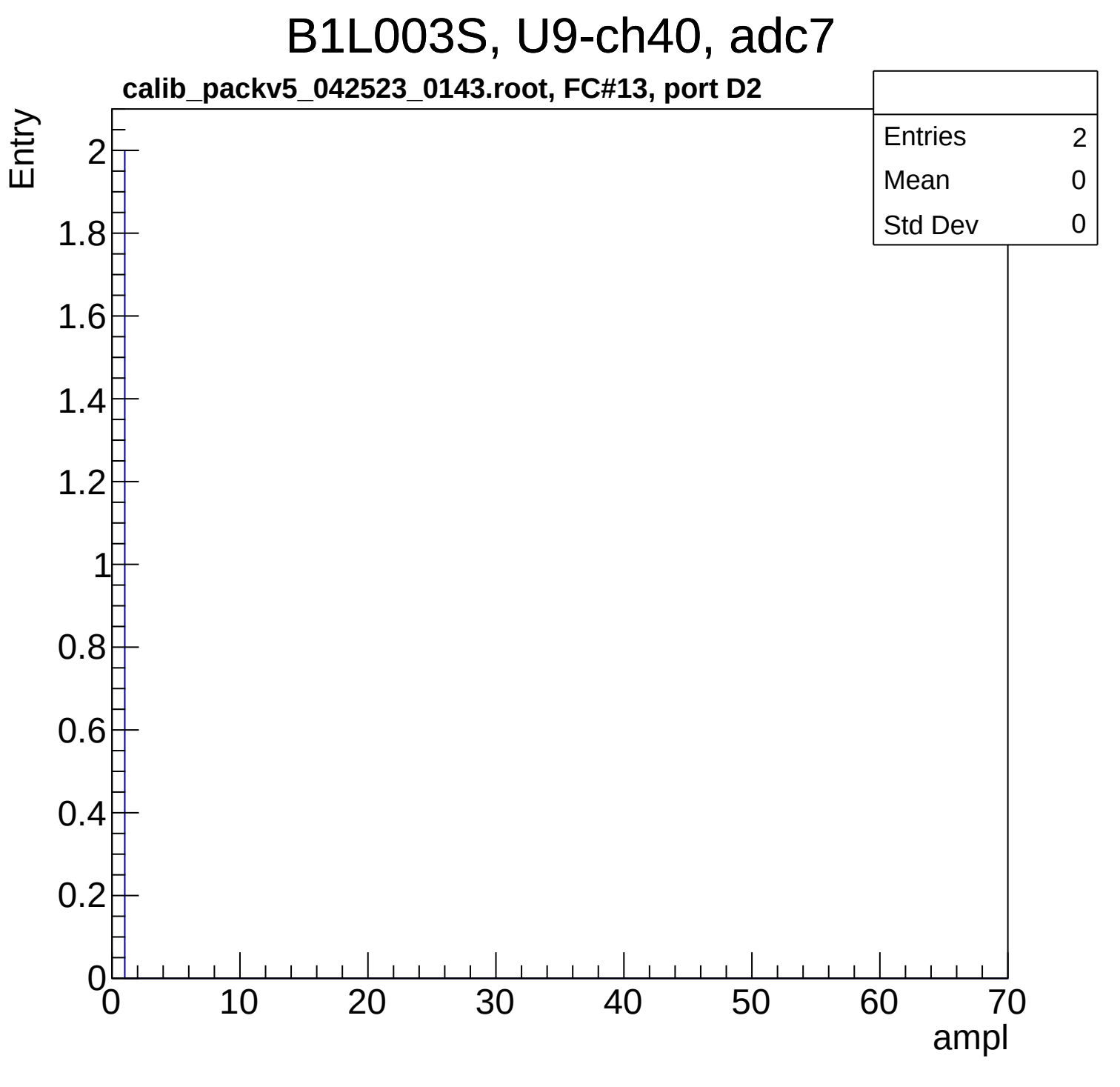
B1L003S, U9-ch40, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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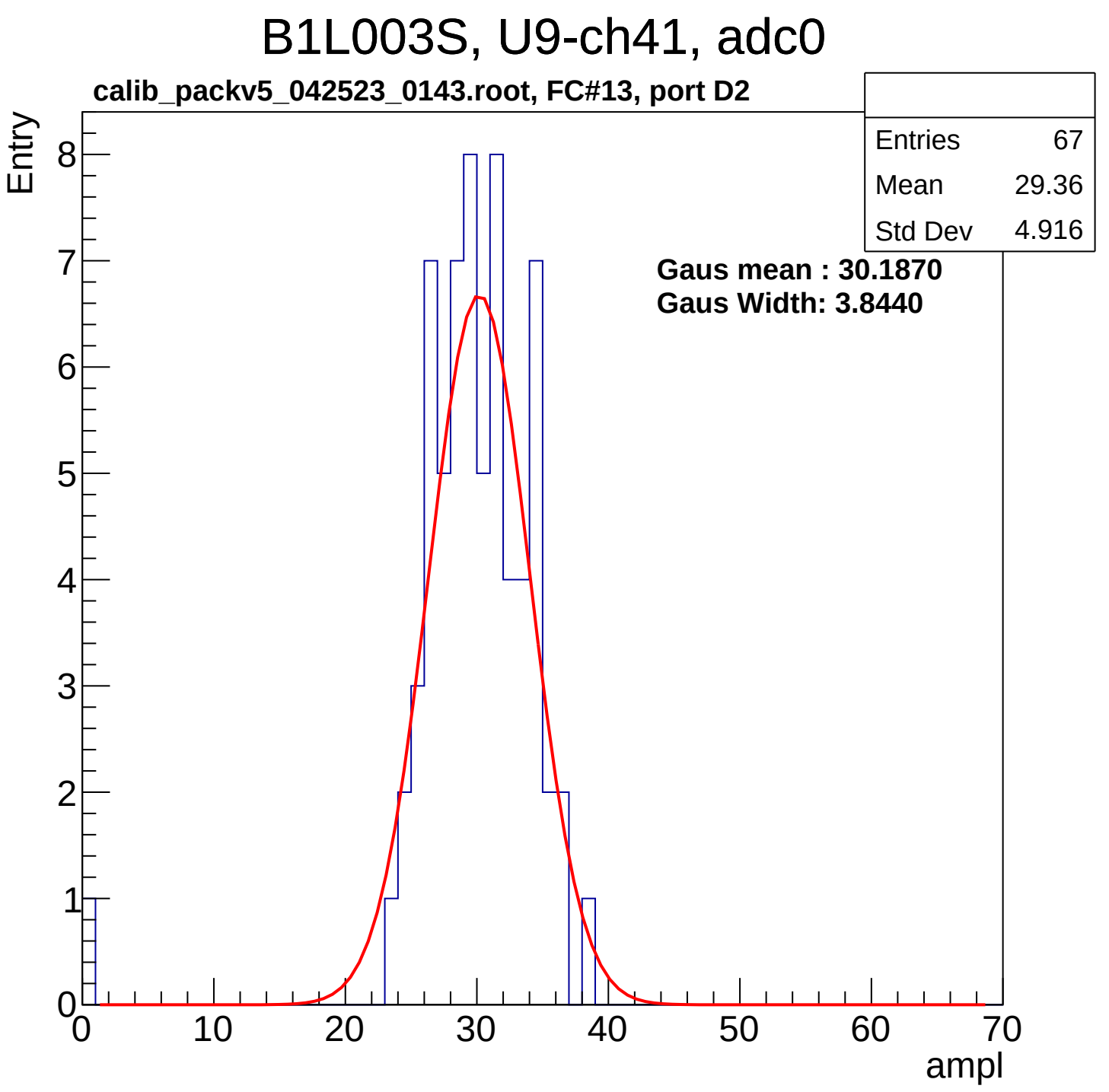
B1L003S, U9-ch41, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 29.36
Std Dev 4.916
Gaus mean : 30.1870
Gaus Width: 3.8440
Entry
ampl
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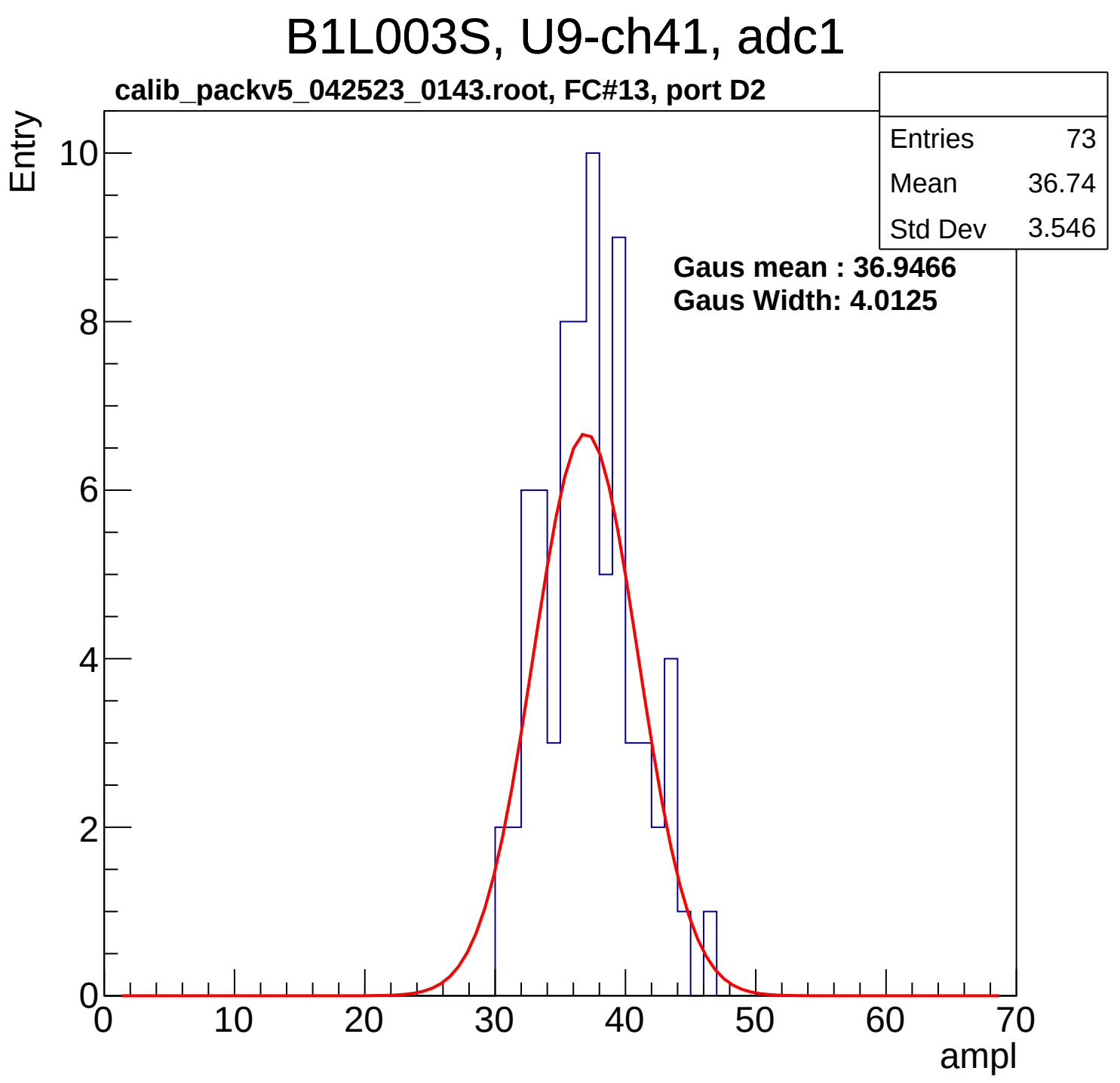
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch41, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 36.74
Std Dev 3.546
Gaus mean : 36.9466
Gaus Width: 4.0125
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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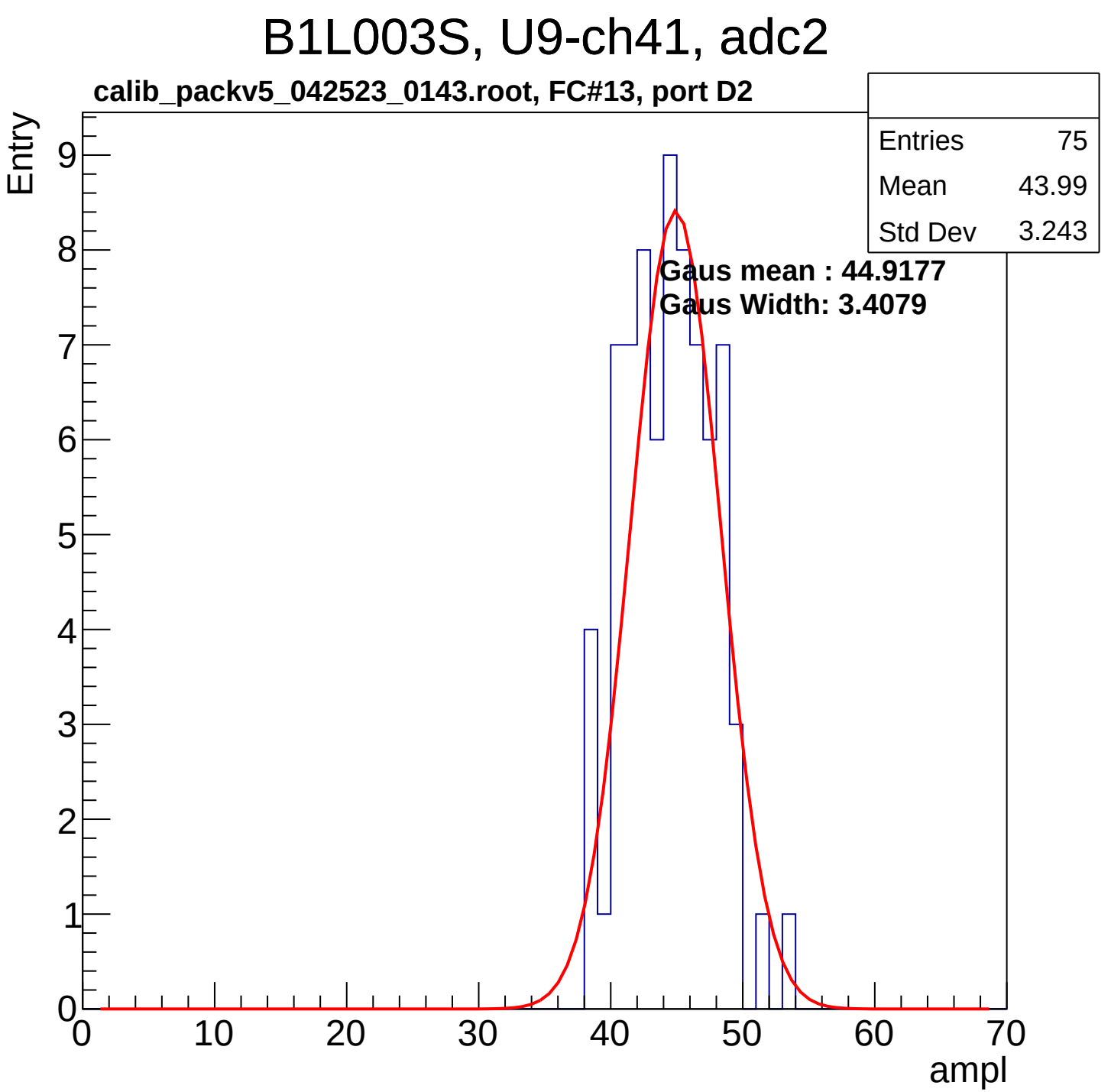
B1L003S, U9-ch41, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 43.99
Std Dev 3.243
Gaus mean : 44.9177
Gaus Width: 3.4079
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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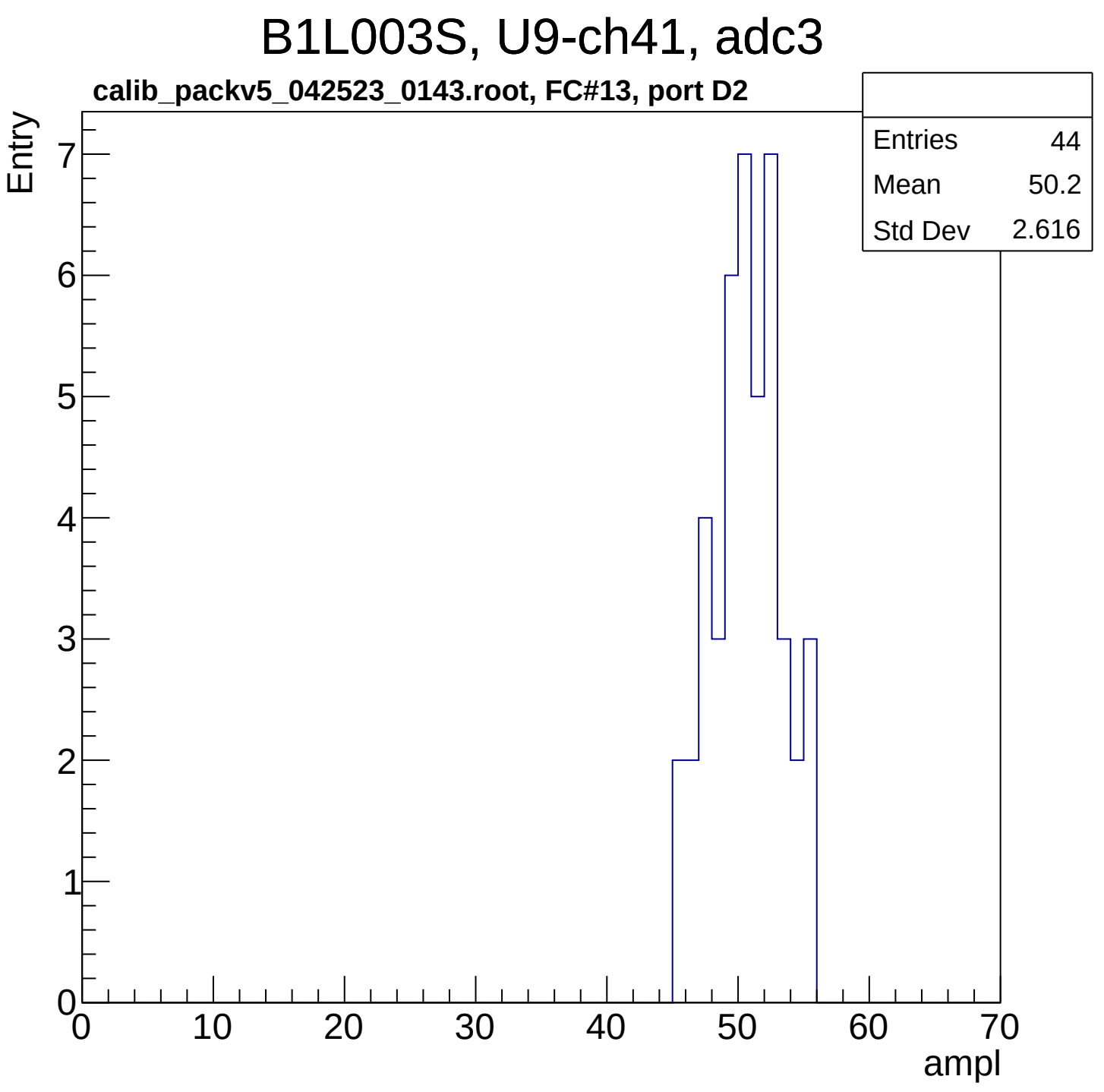
B1L003S, U9-ch41, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 50.2
Std Dev 2.616
Entry
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2
3
4
5
6
7
0
10
20
30
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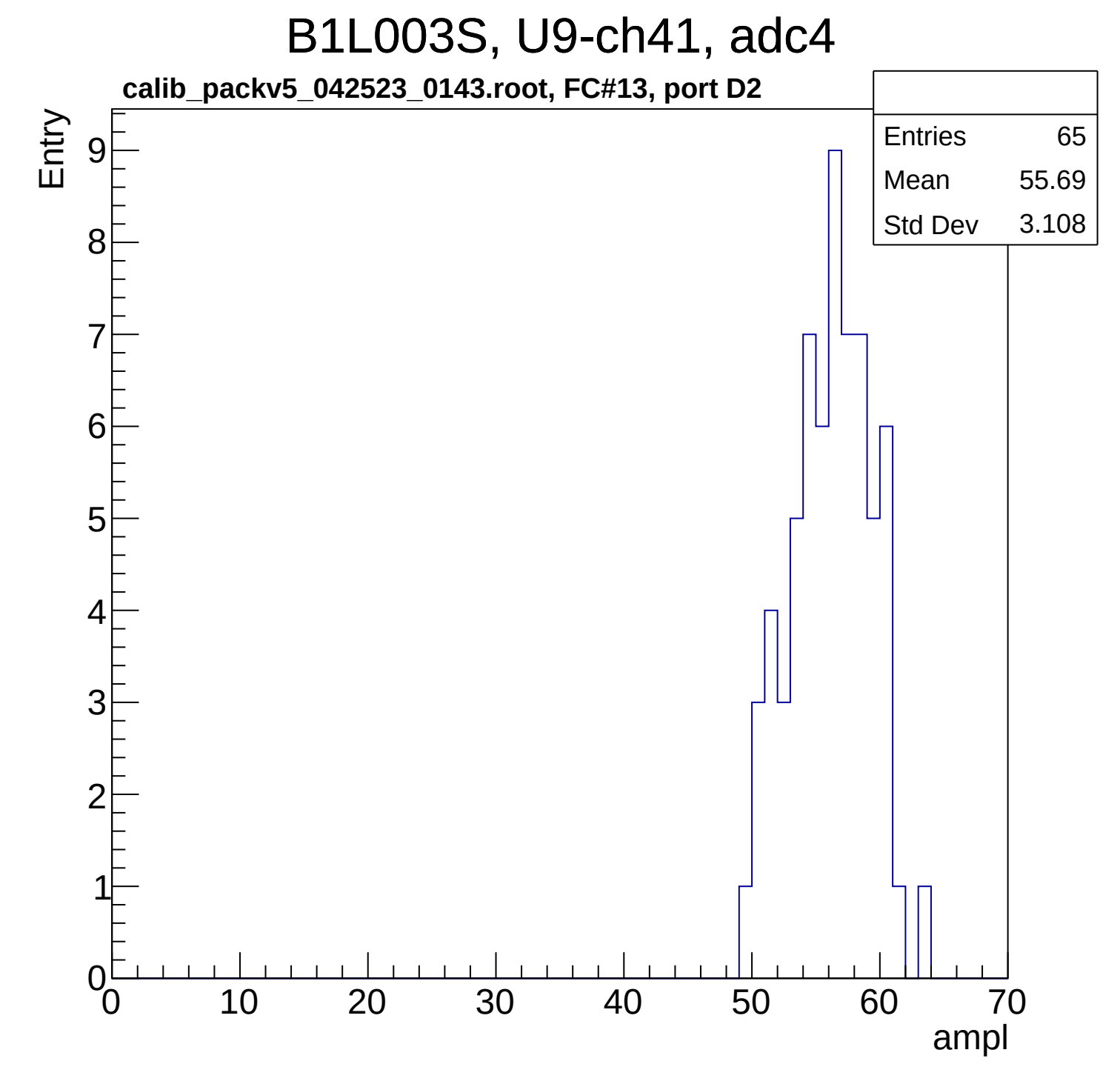
50
60
70
ampl


B1L003S, U9-ch41, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 55.69
Std Dev 3.108
Entry
ampl
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2
3
4
5
6
7
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0
10
20
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40
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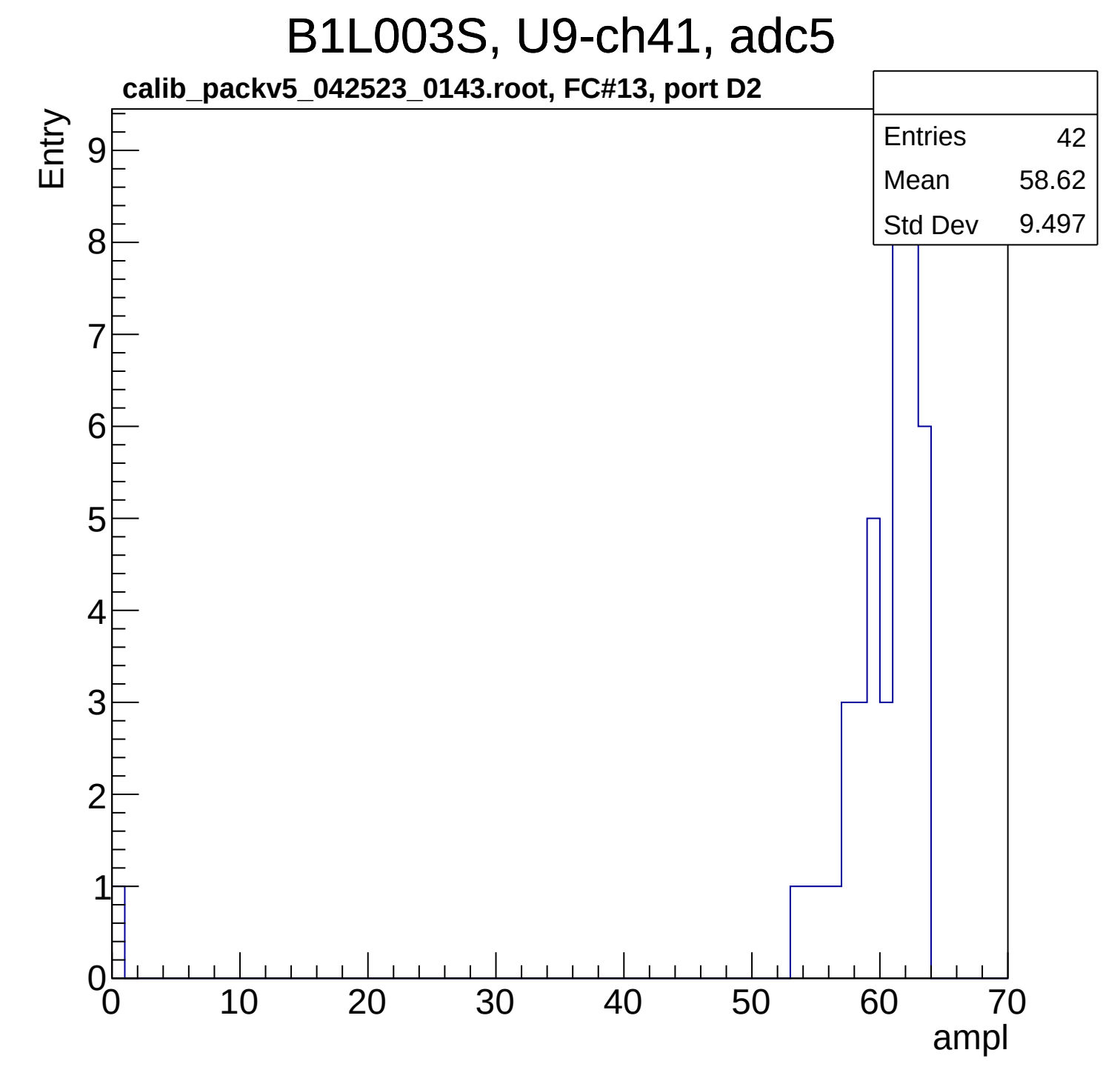
B1L003S, U9-ch41, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 58.62
Std Dev 9.497
Entry
ampl
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4
5
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7
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0
10
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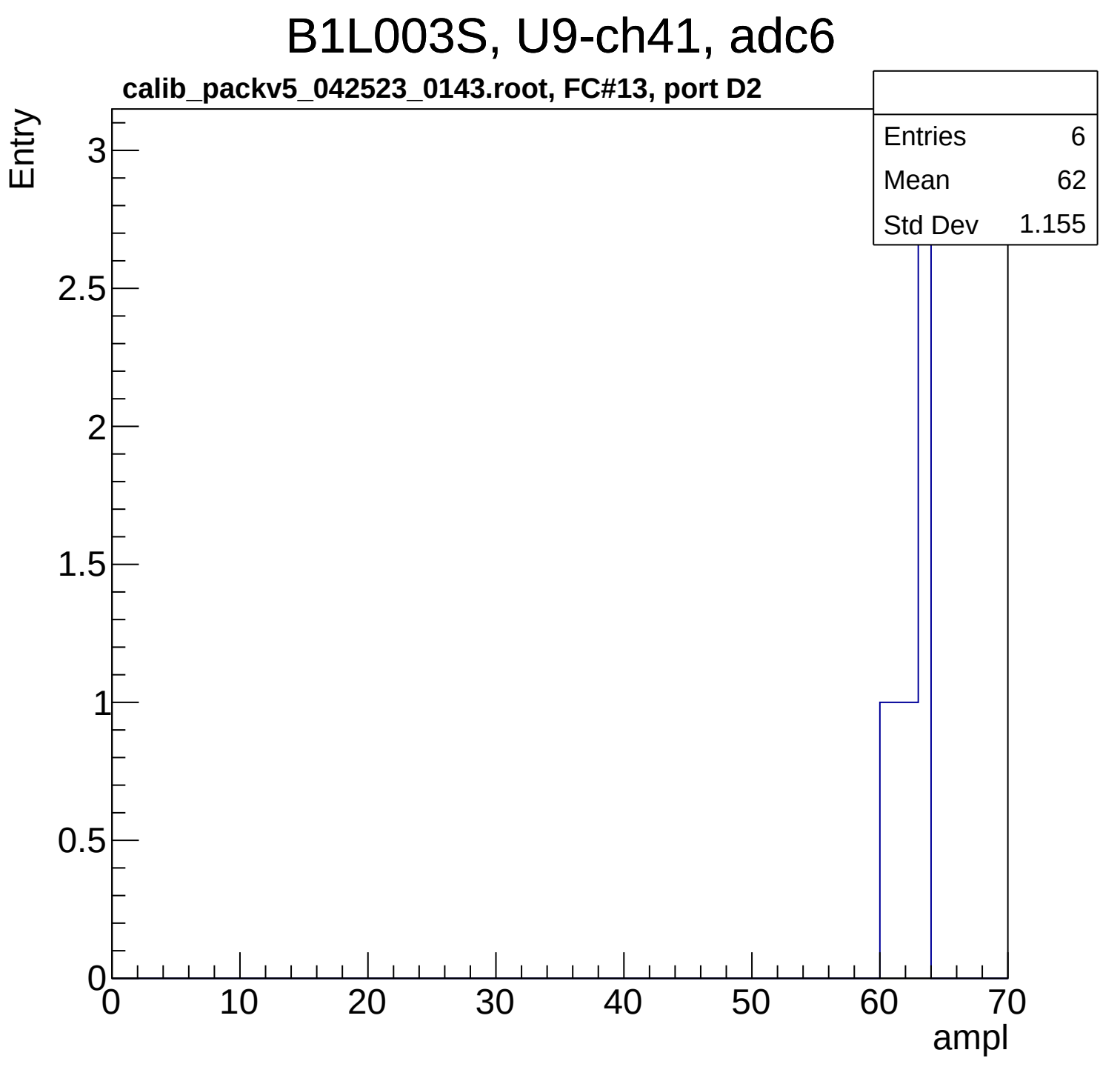
B1L003S, U9-ch41, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 62
Std Dev 1.155
Entry
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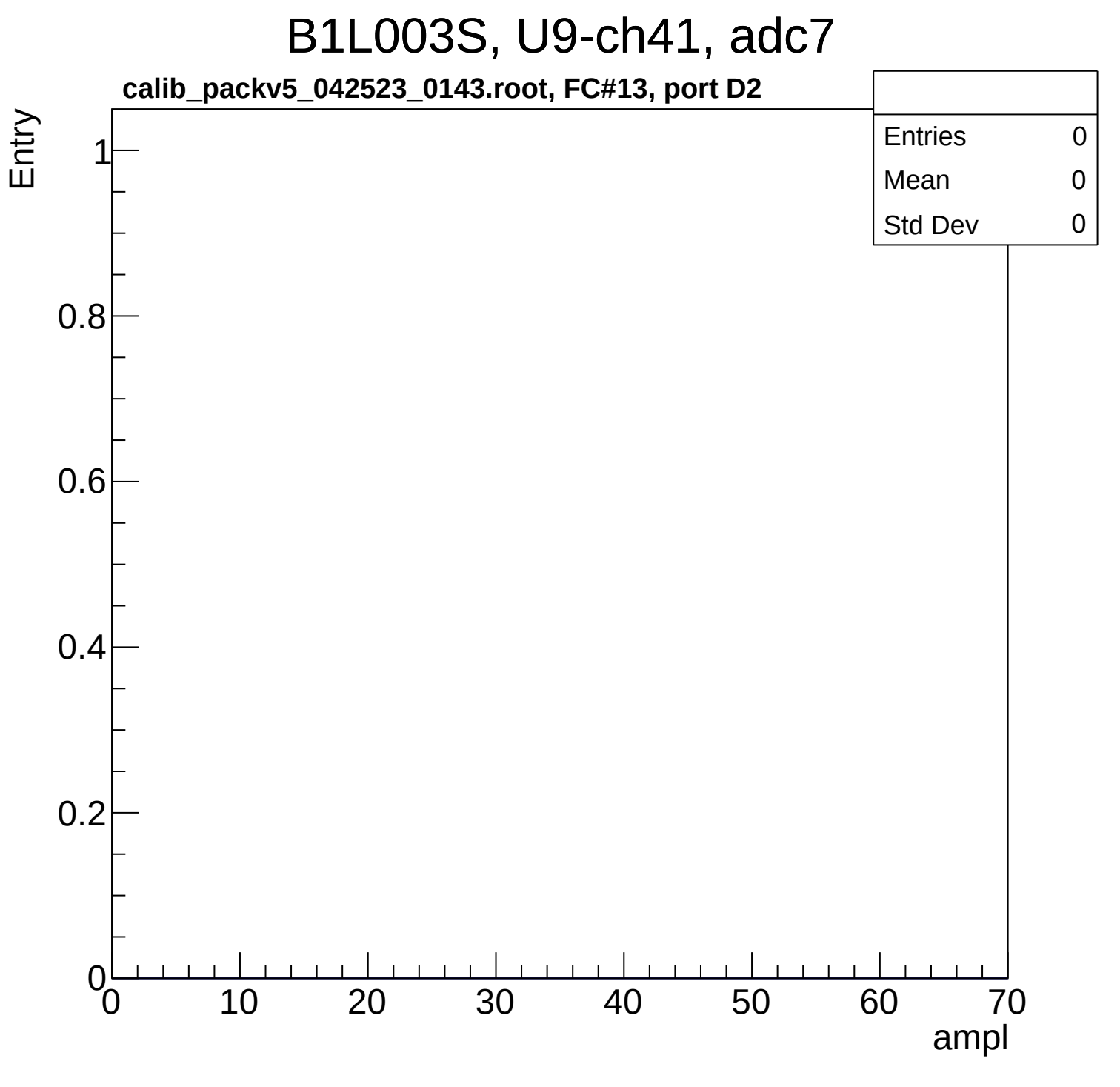
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch41, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.4
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0
0
10
20
30
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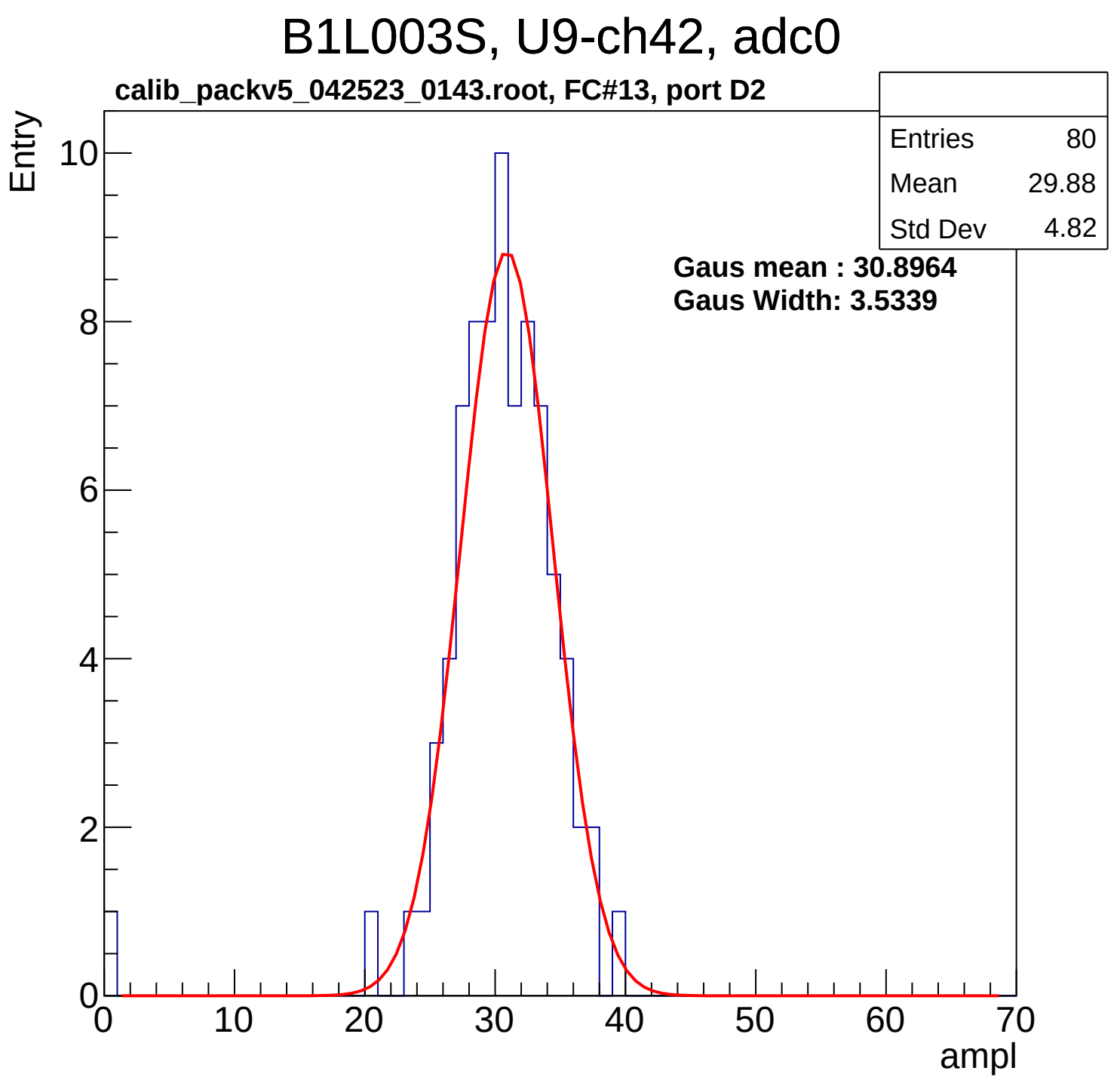
50
60
70
ampl


B1L003S, U9-ch42, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 29.88
Std Dev 4.82
Gaus mean : 30.8964
Gaus Width: 3.5339
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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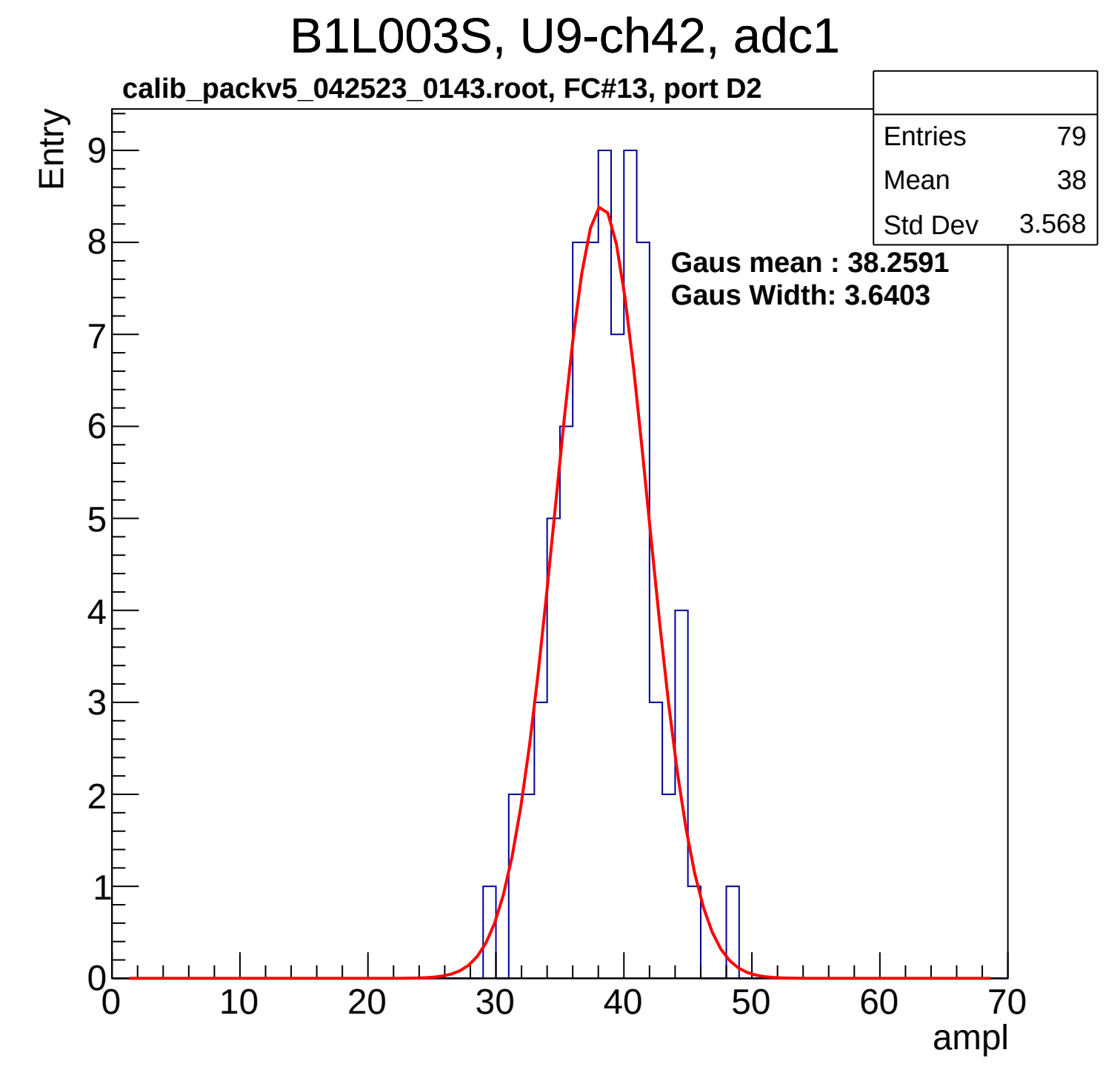
B1L003S, U9-ch42, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 38
Std Dev 3.568
Gaus mean : 38.2591
Gaus Width: 3.6403
Entry
ampl
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2
3
4
5
6
7
8
9
0
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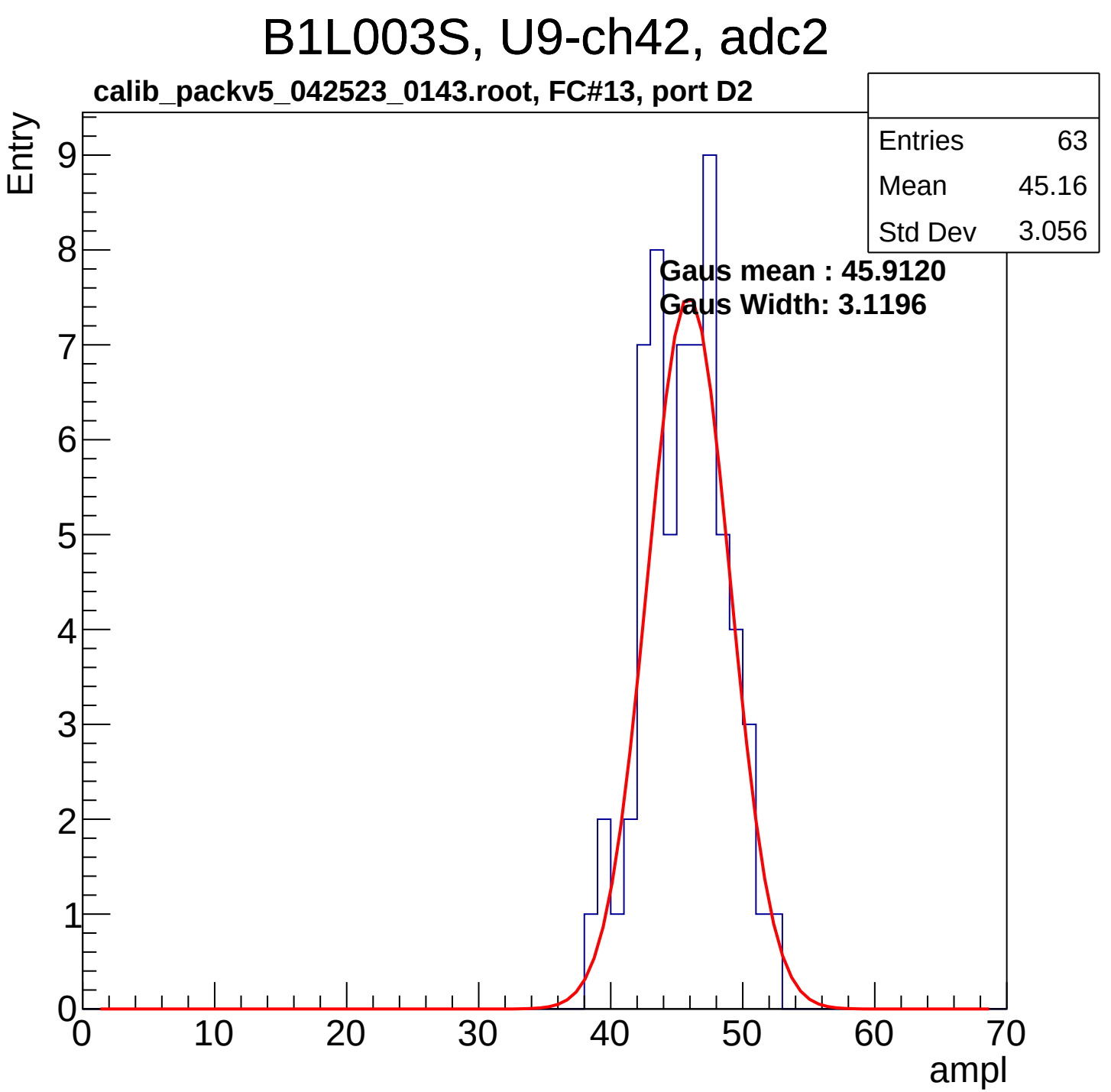
B1L003S, U9-ch42, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 45.16
Std Dev 3.056
Gaus mean : 45.9120
Gaus Width: 3.1196
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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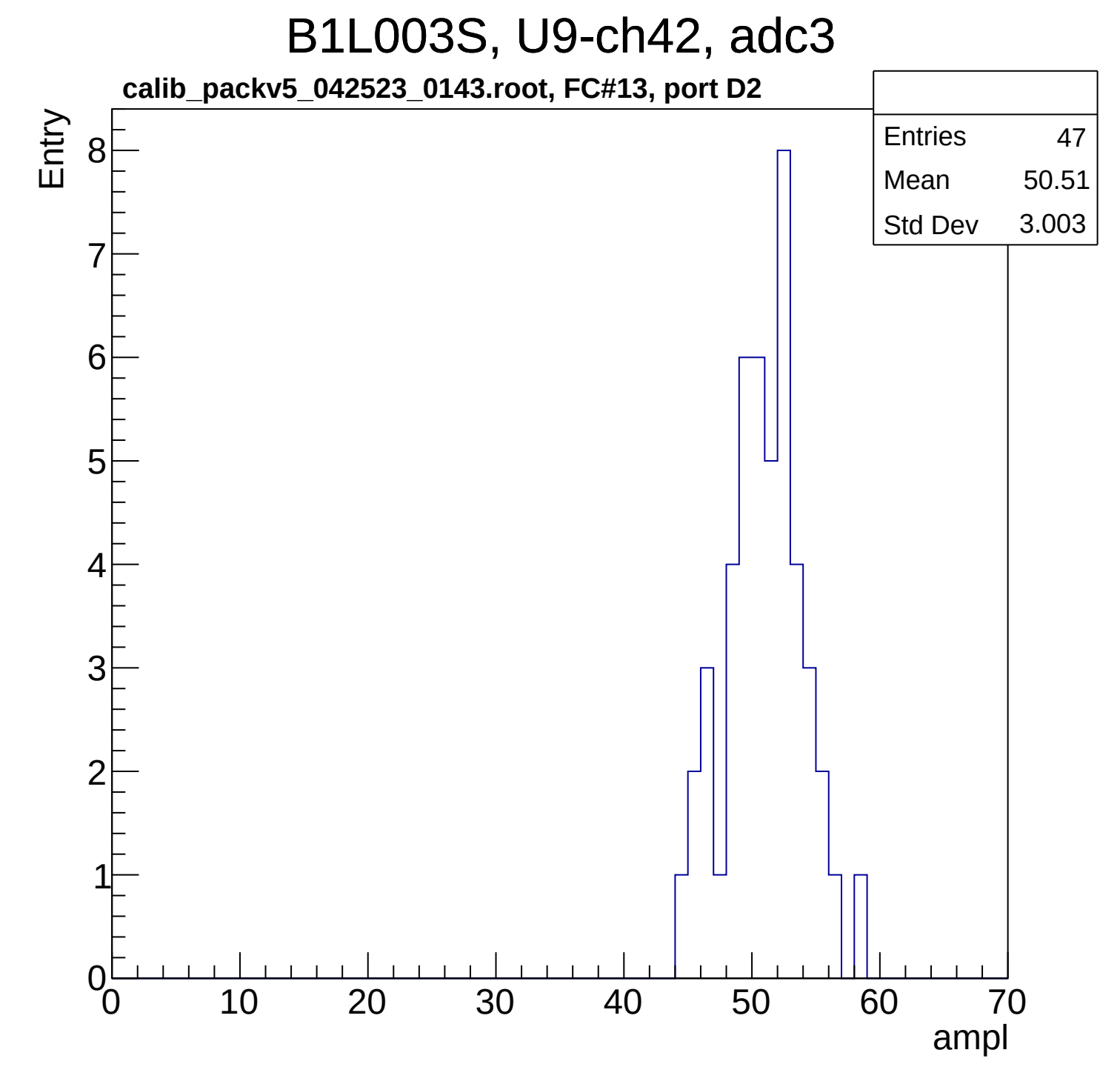
B1L003S, U9-ch42, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 50.51
Std Dev 3.003
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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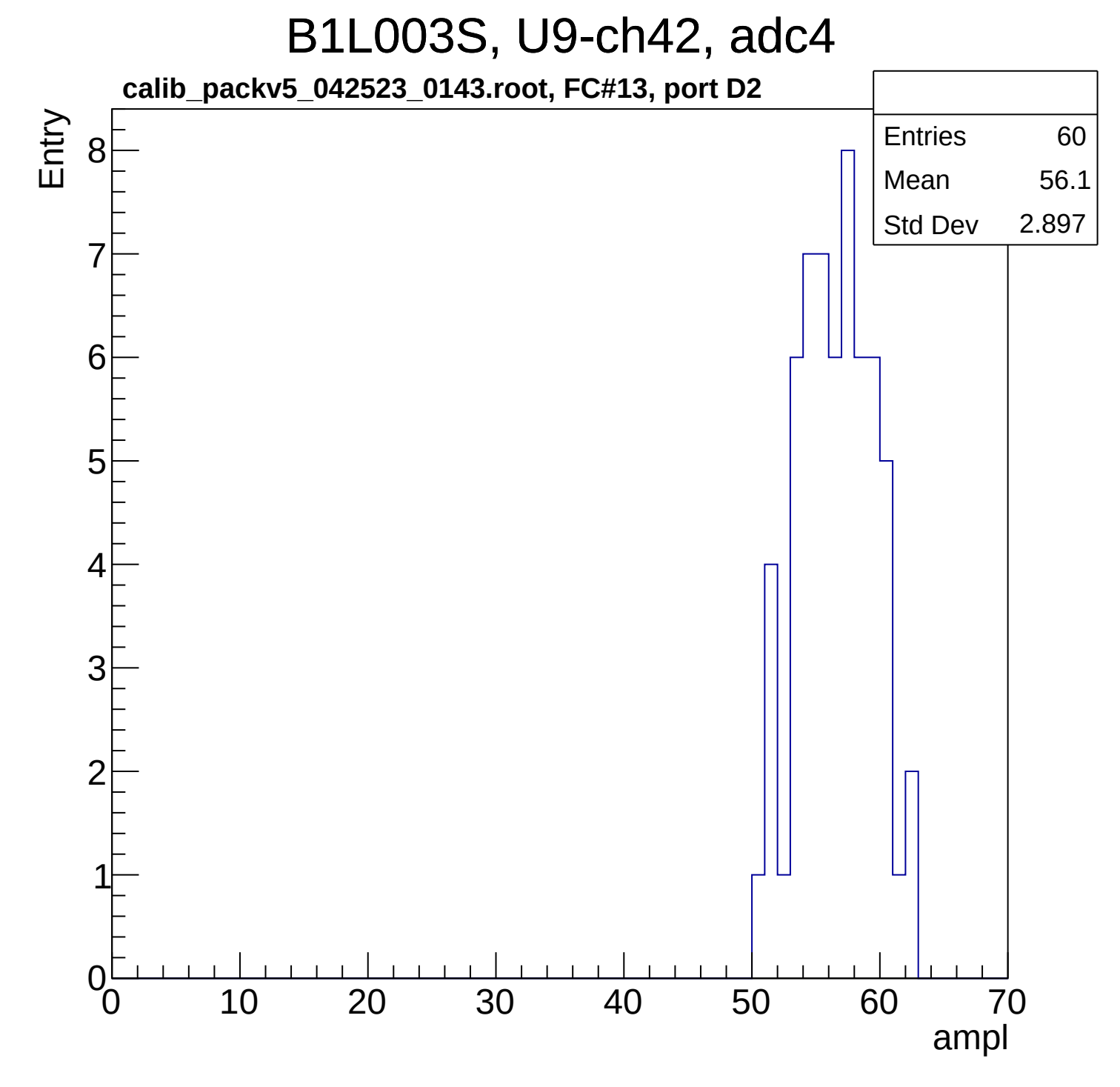
B1L003S, U9-ch42, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 56.1
Std Dev 2.897
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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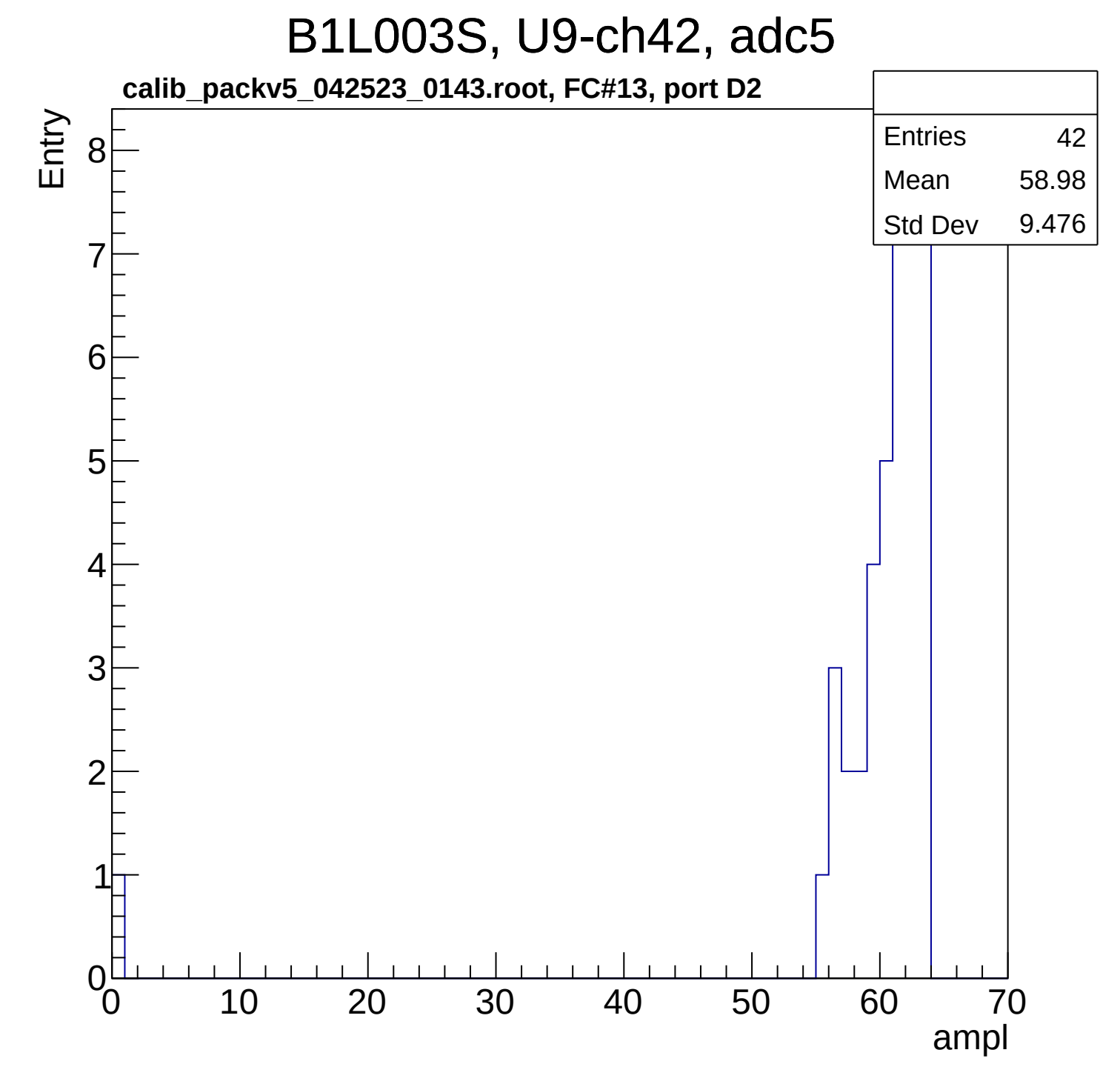
B1L003S, U9-ch42, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 58.98
Std Dev 9.476
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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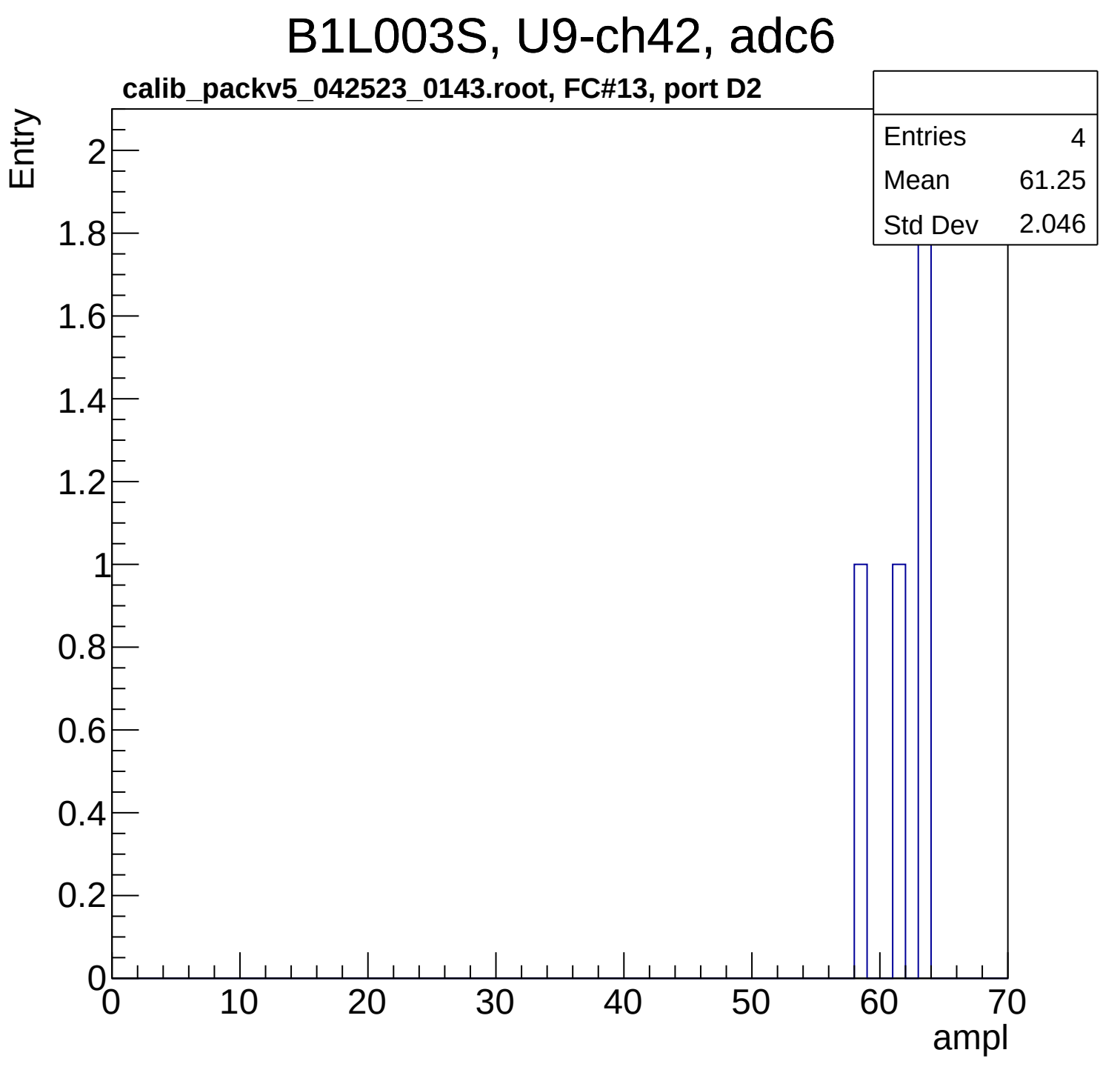
B1L003S, U9-ch42, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.25
Std Dev 2.046
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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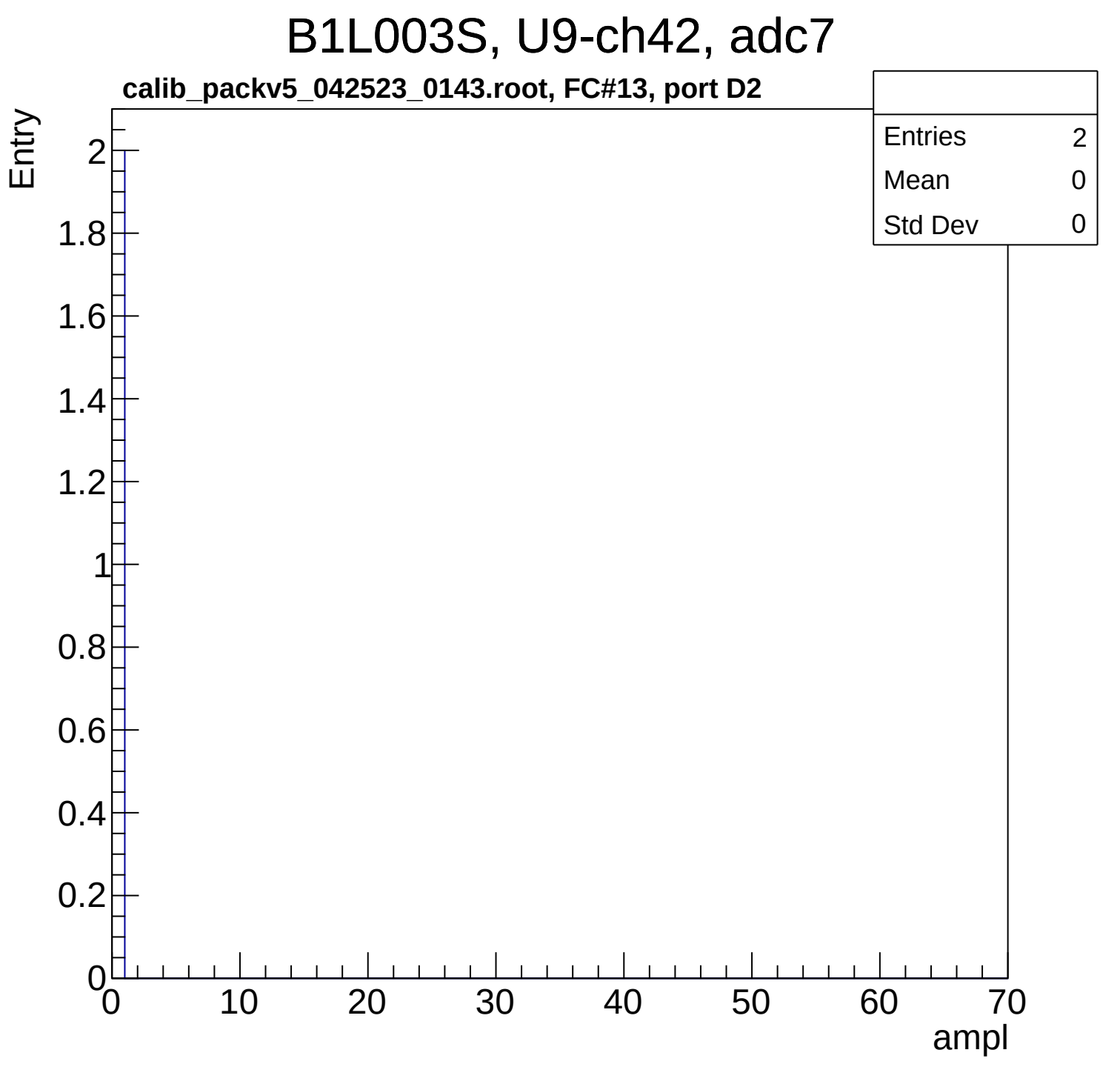
B1L003S, U9-ch42, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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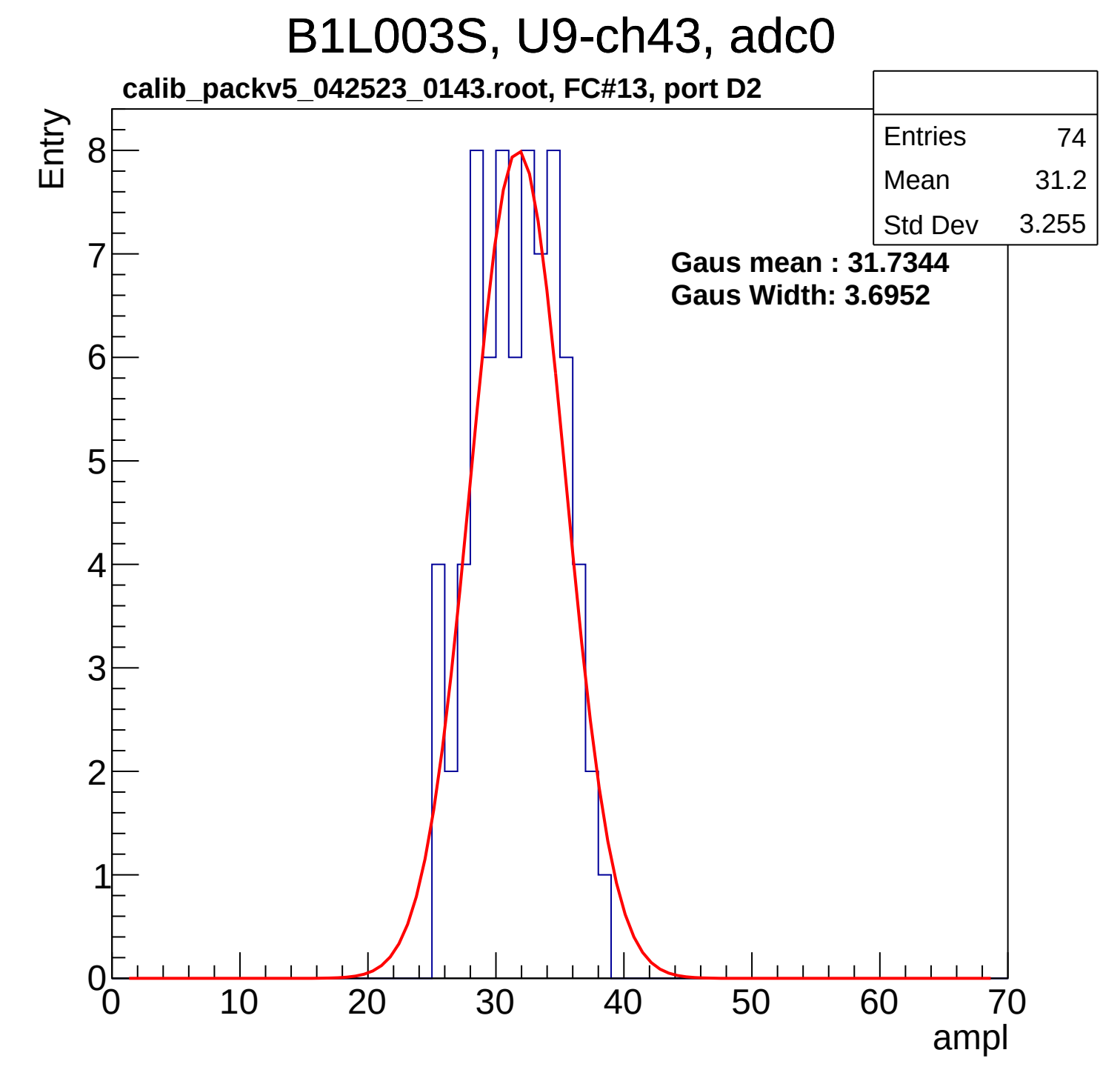
B1L003S, U9-ch43, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 31.2
Std Dev 3.255
Gaus mean : 31.7344
Gaus Width: 3.6952
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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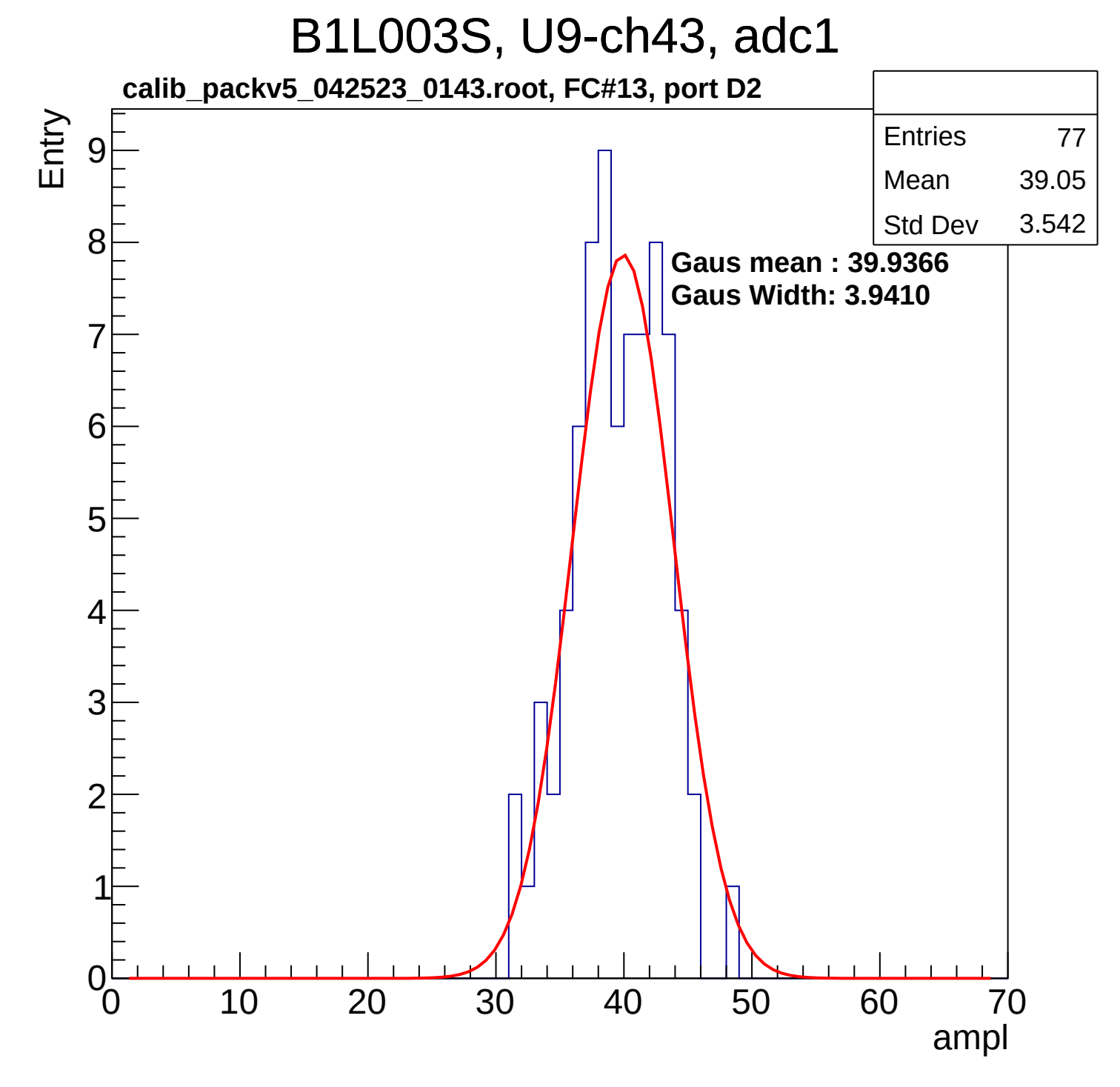
B1L003S, U9-ch43, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 39.05
Std Dev 3.542
Gaus mean : 39.9366
Gaus Width: 3.9410
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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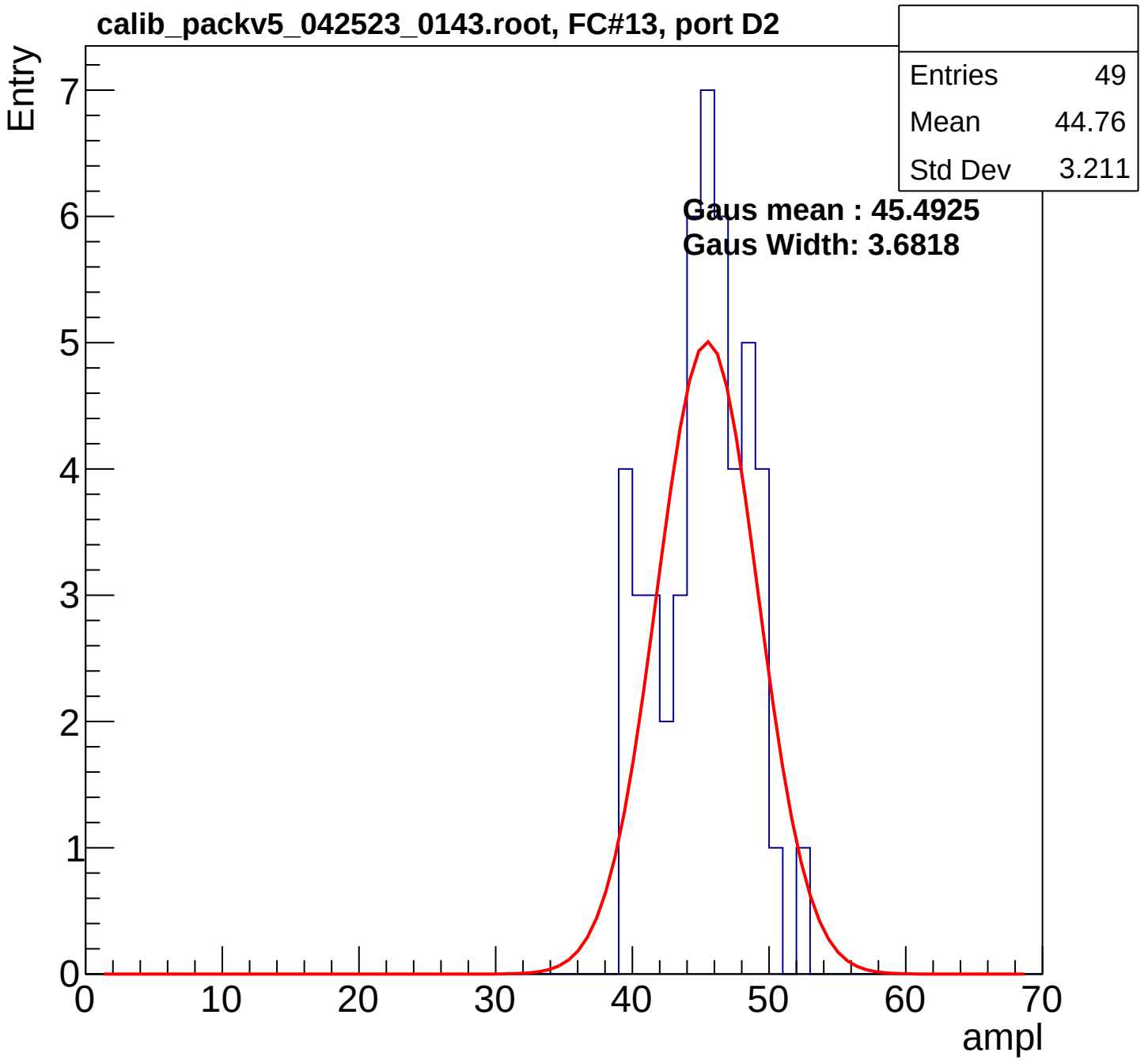
B1L003S, U9-ch43, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 44.76
Std Dev 3.211
Gaus mean : 45.4925
Gaus Width: 3.6818
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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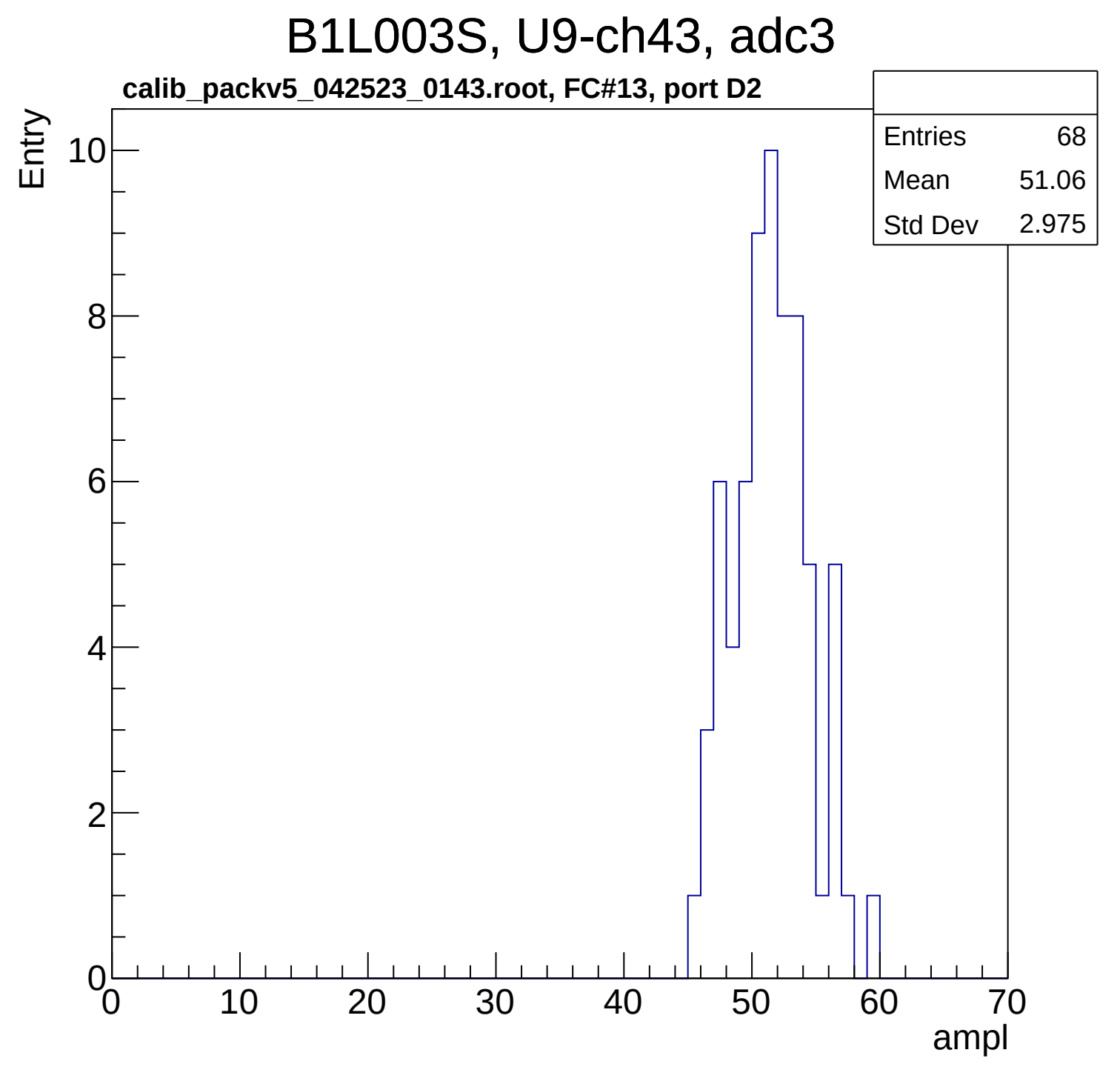
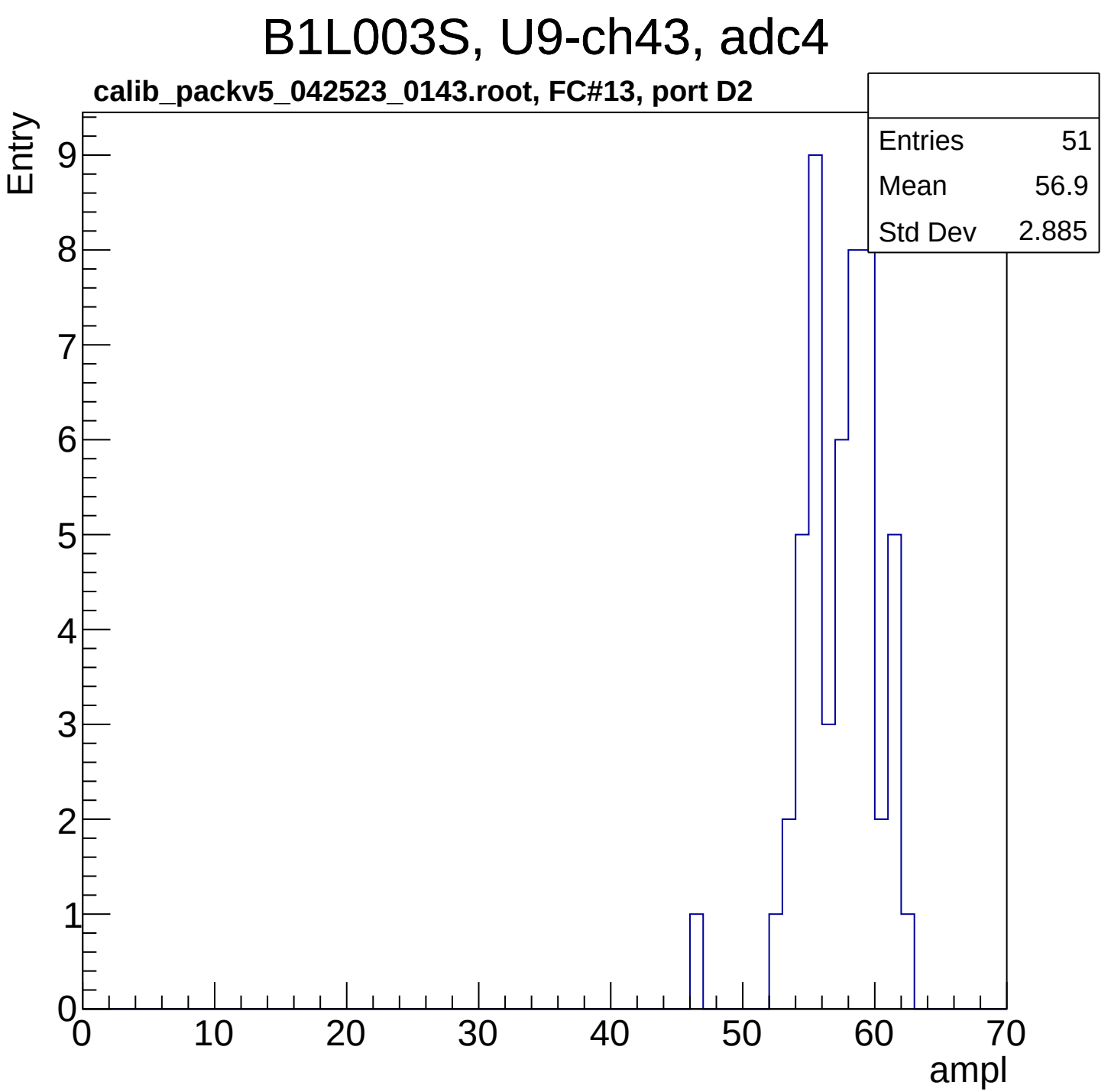

B1L003S, U9-ch43, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 51.06
Std Dev 2.975
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch43, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 56.9
Std Dev 2.885
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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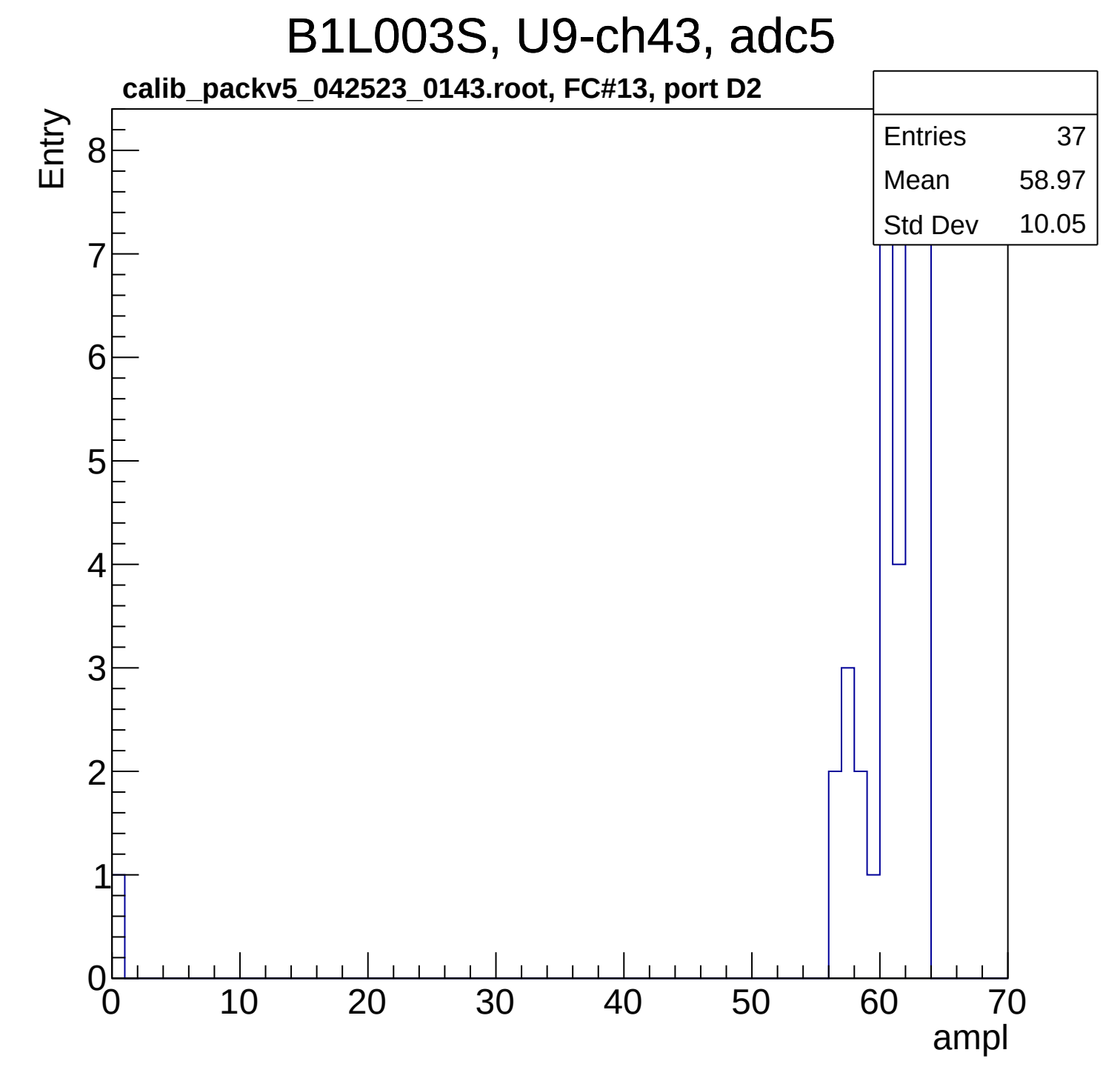
B1L003S, U9-ch43, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 58.97
Std Dev 10.05
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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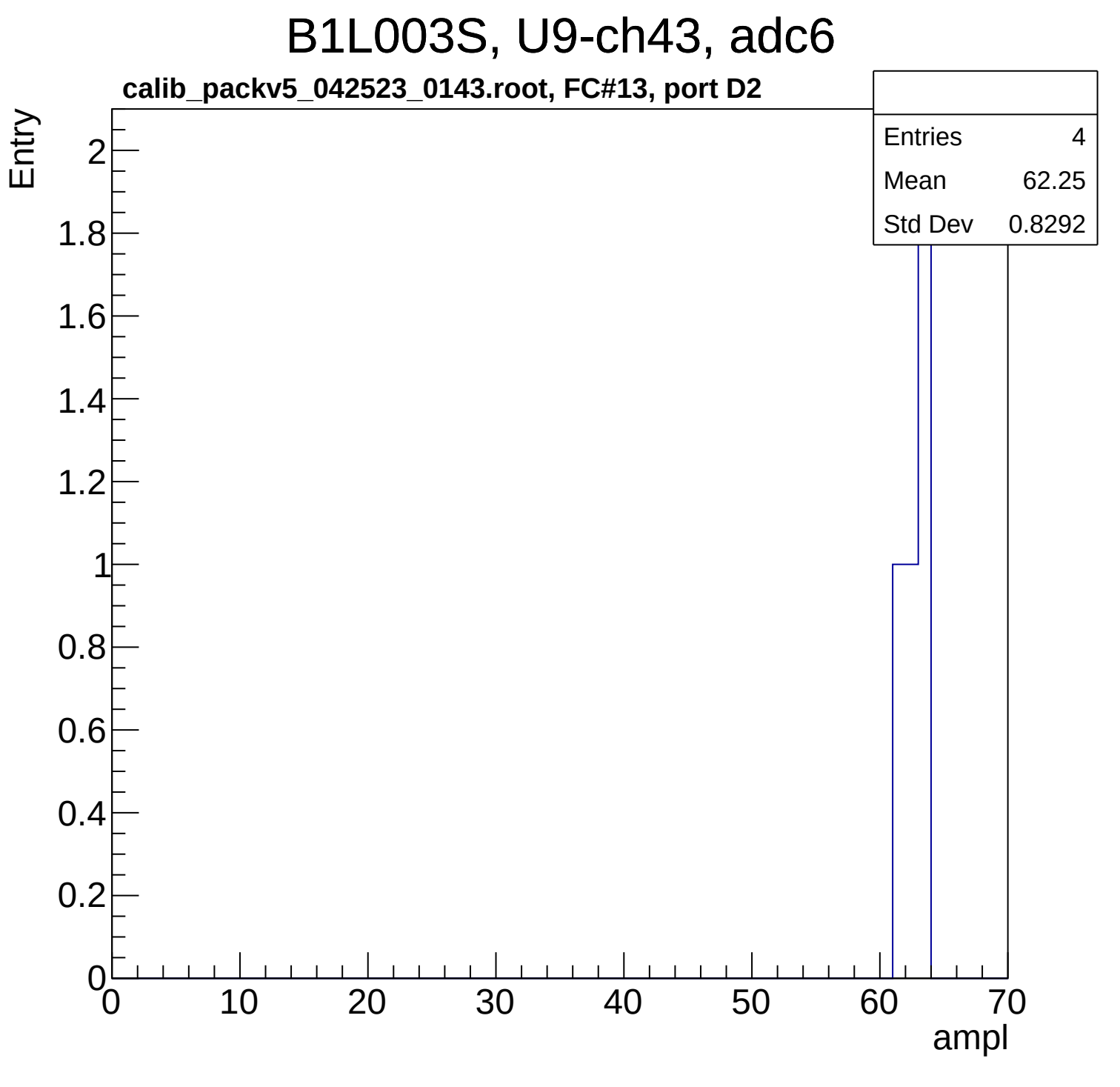
B1L003S, U9-ch43, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
30
40
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60
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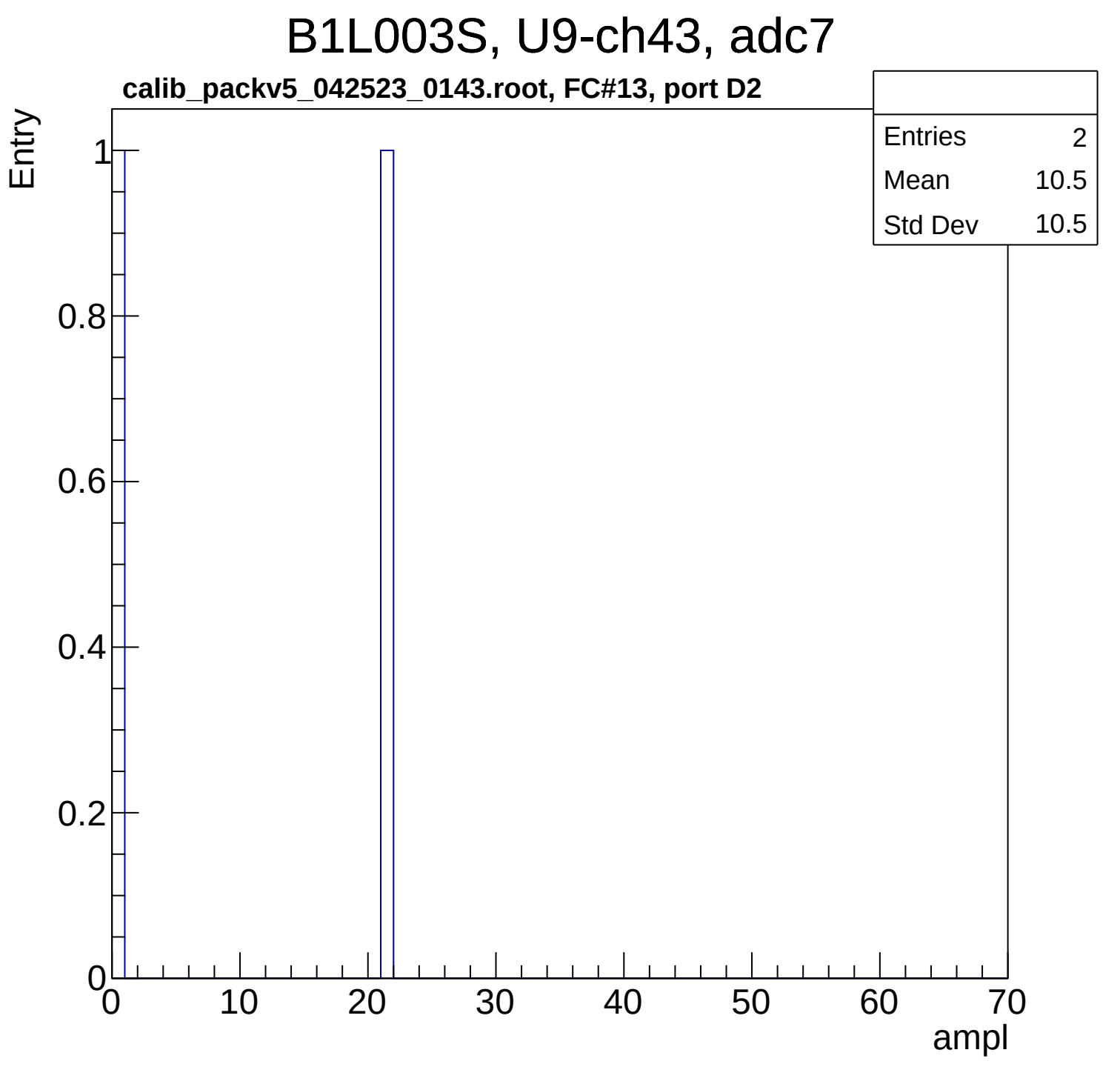
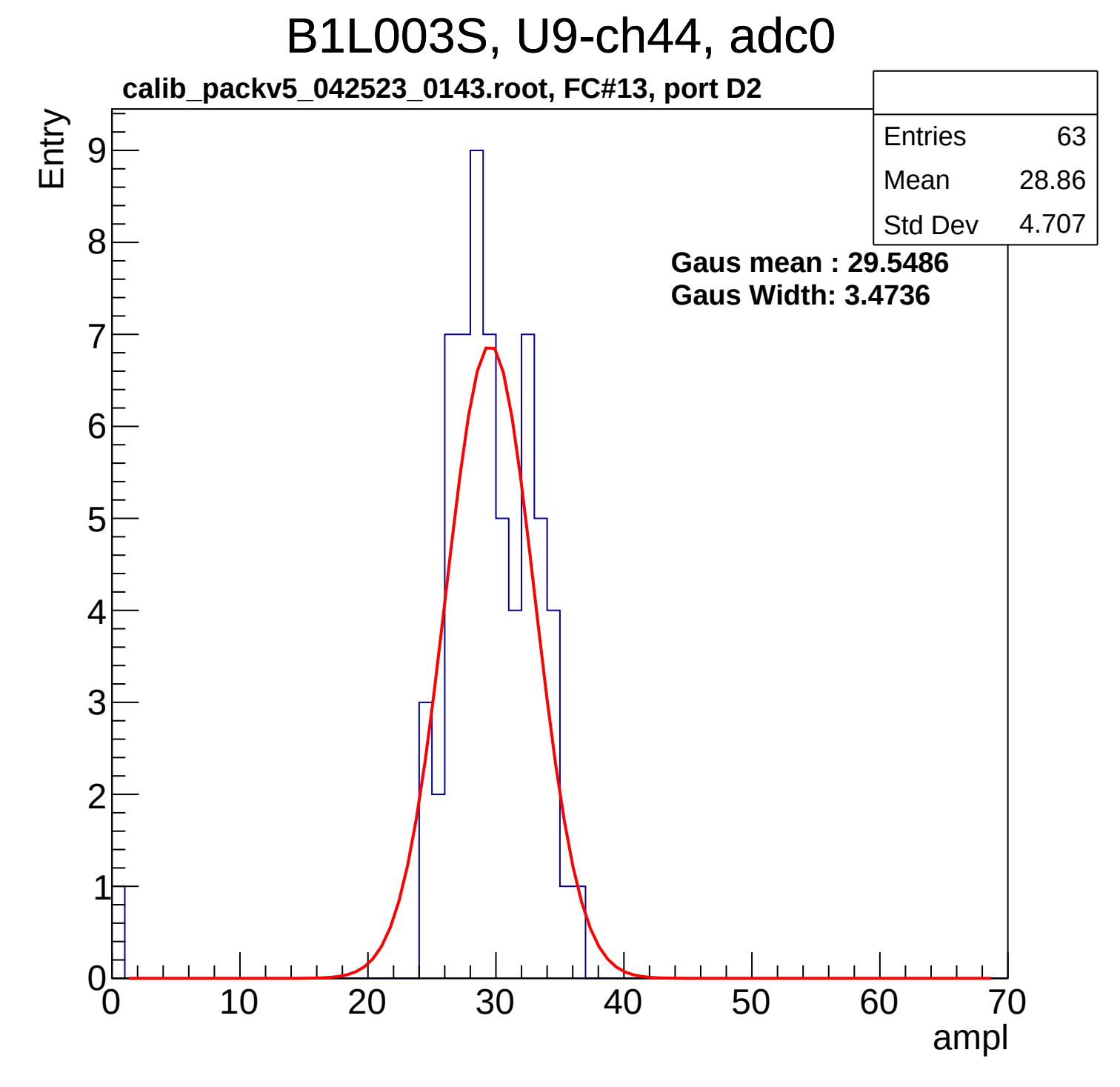

B1L003S, U9-ch43, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch44, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 28.86
Std Dev 4.707
Gaus mean : 29.5486
Gaus Width: 3.4736
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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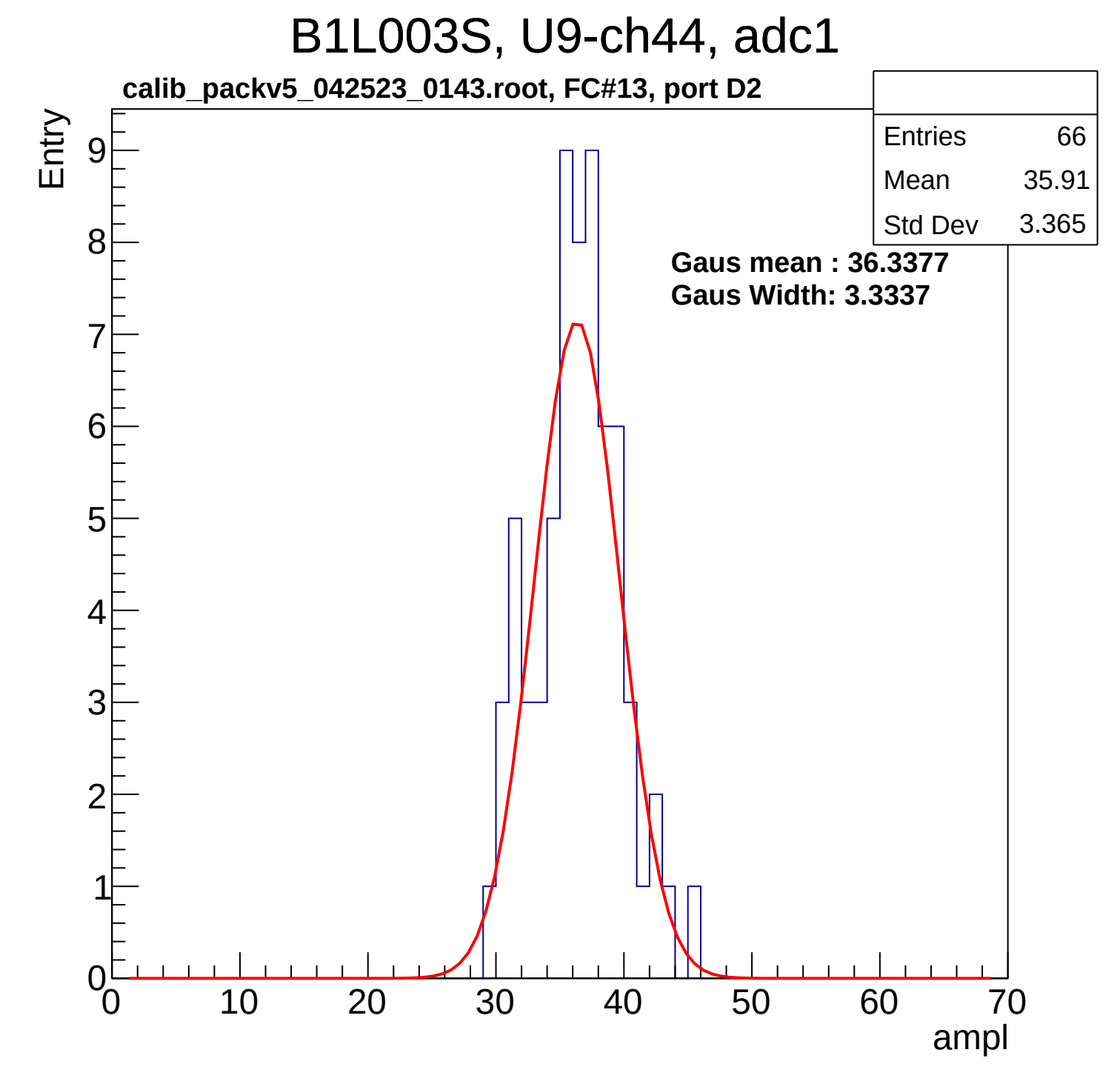
B1L003S, U9-ch44, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 35.91
Std Dev 3.365
Gaus mean : 36.3377
Gaus Width: 3.3337
Entry
ampl
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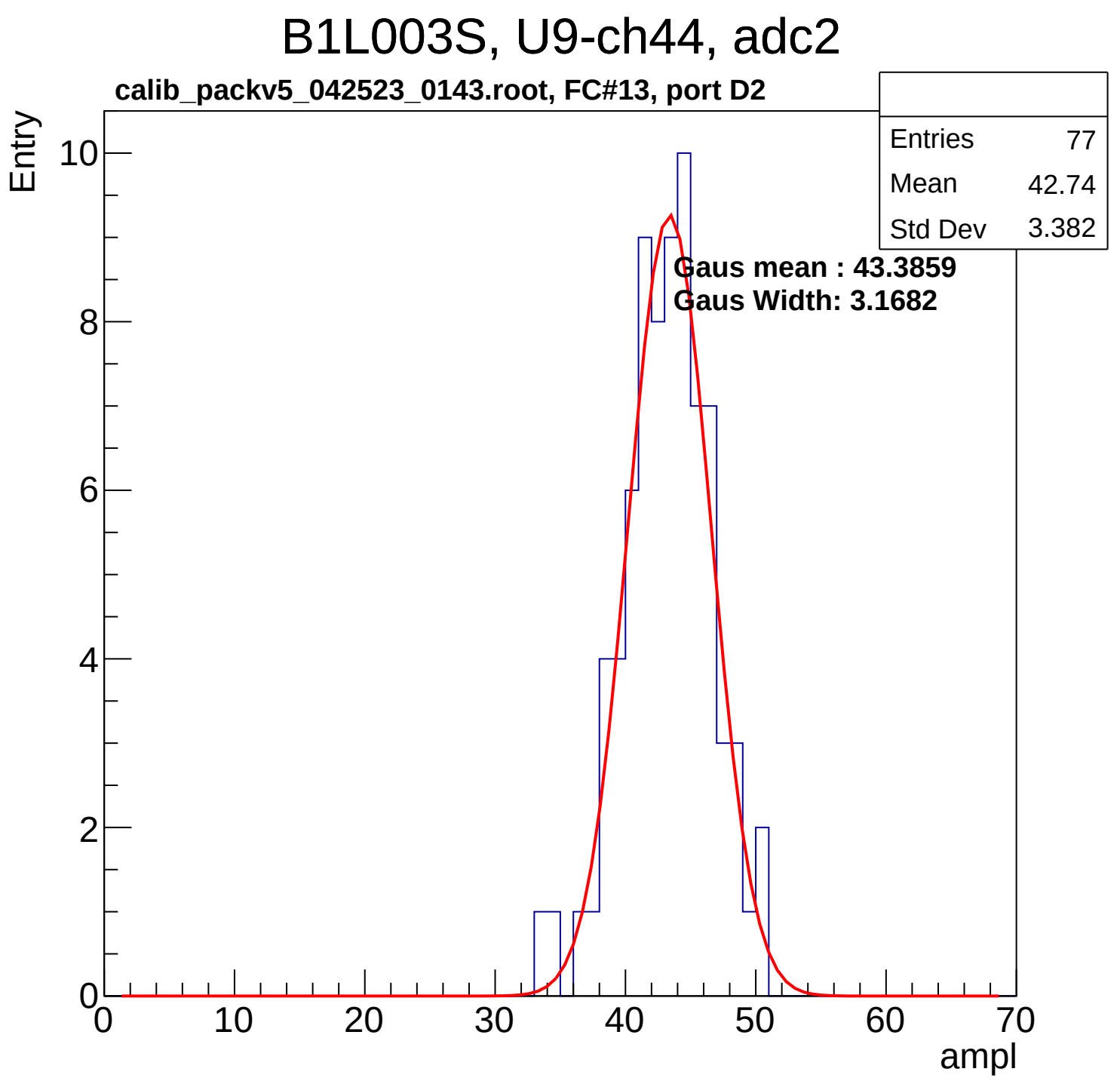
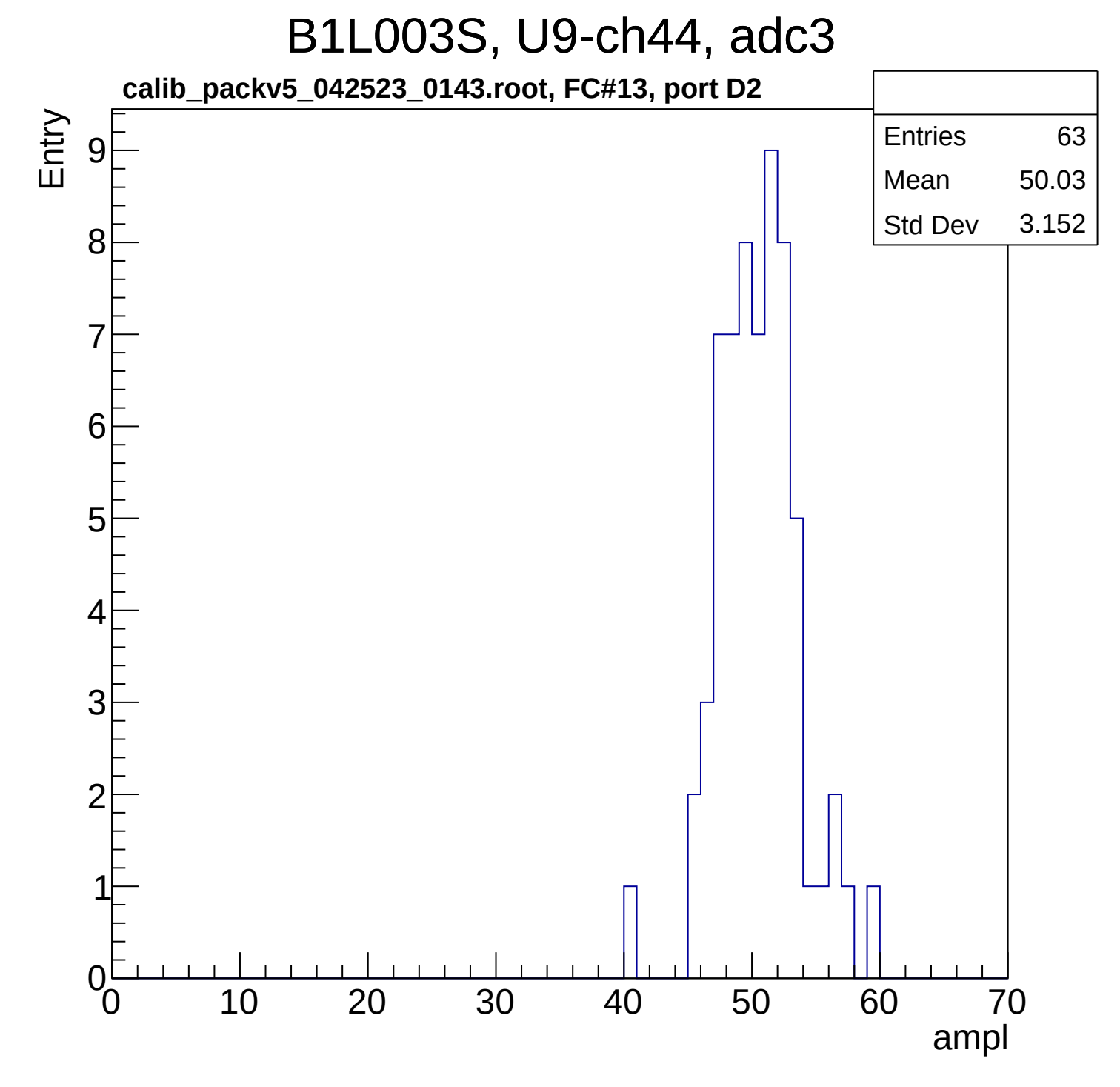
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch44, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 42.74
Std Dev 3.382
Gaus mean : 43.3859
Gaus Width: 3.1682
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch44, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 50.03
Std Dev 3.152
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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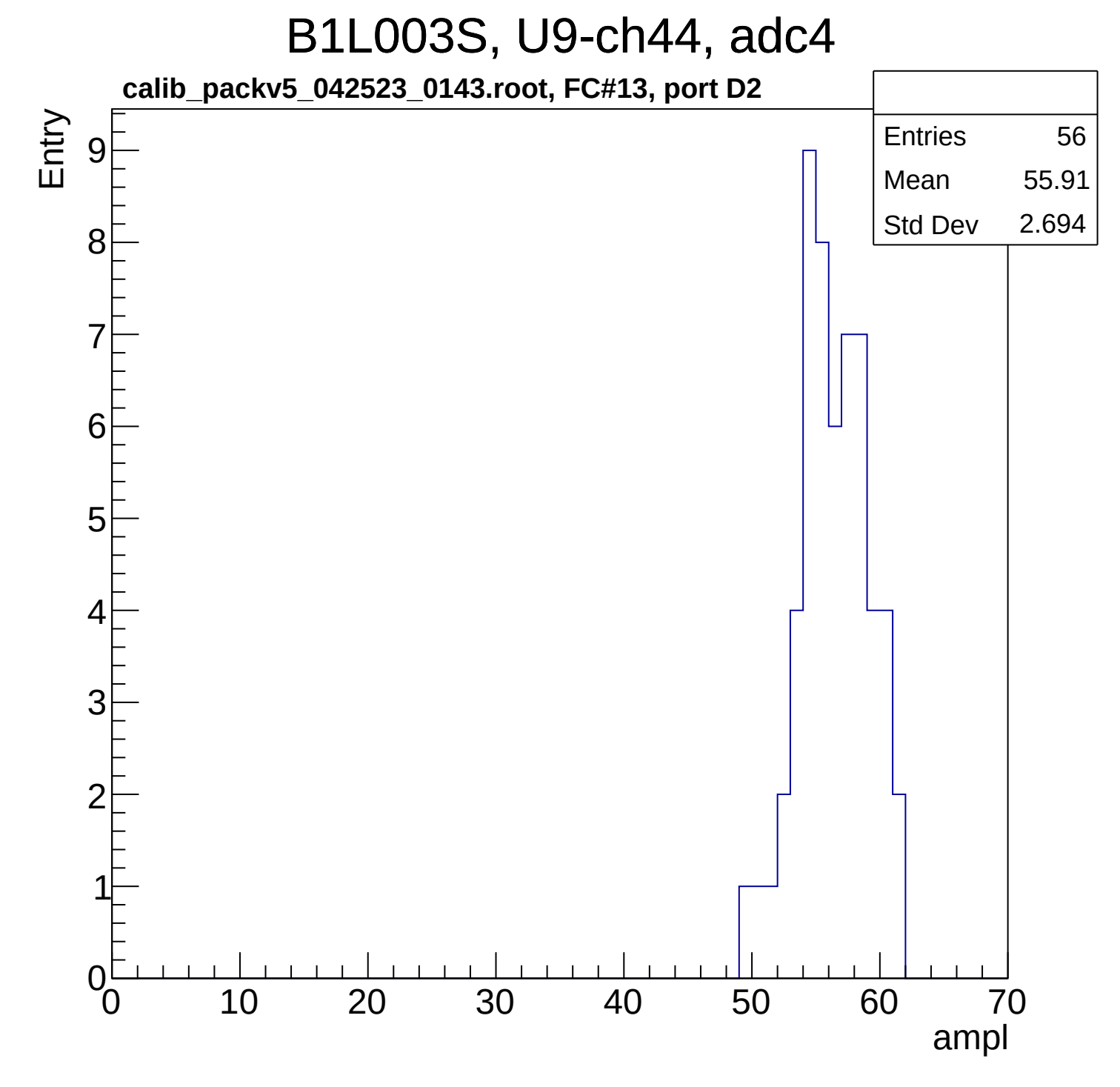
B1L003S, U9-ch44, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 55.91
Std Dev 2.694
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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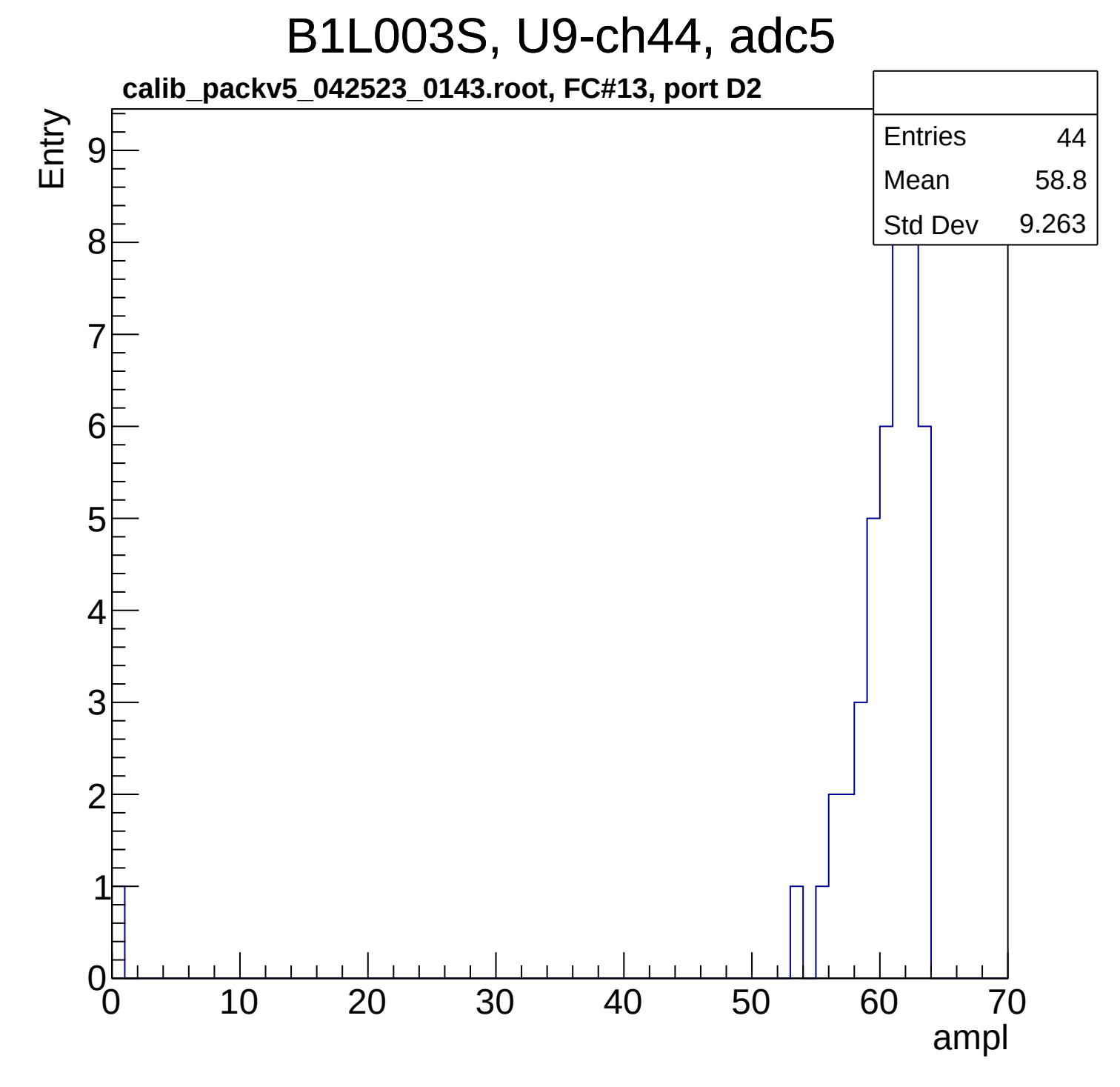
B1L003S, U9-ch44, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 58.8
Std Dev 9.263
Entry
ampl
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3
4
5
6
7
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0
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60
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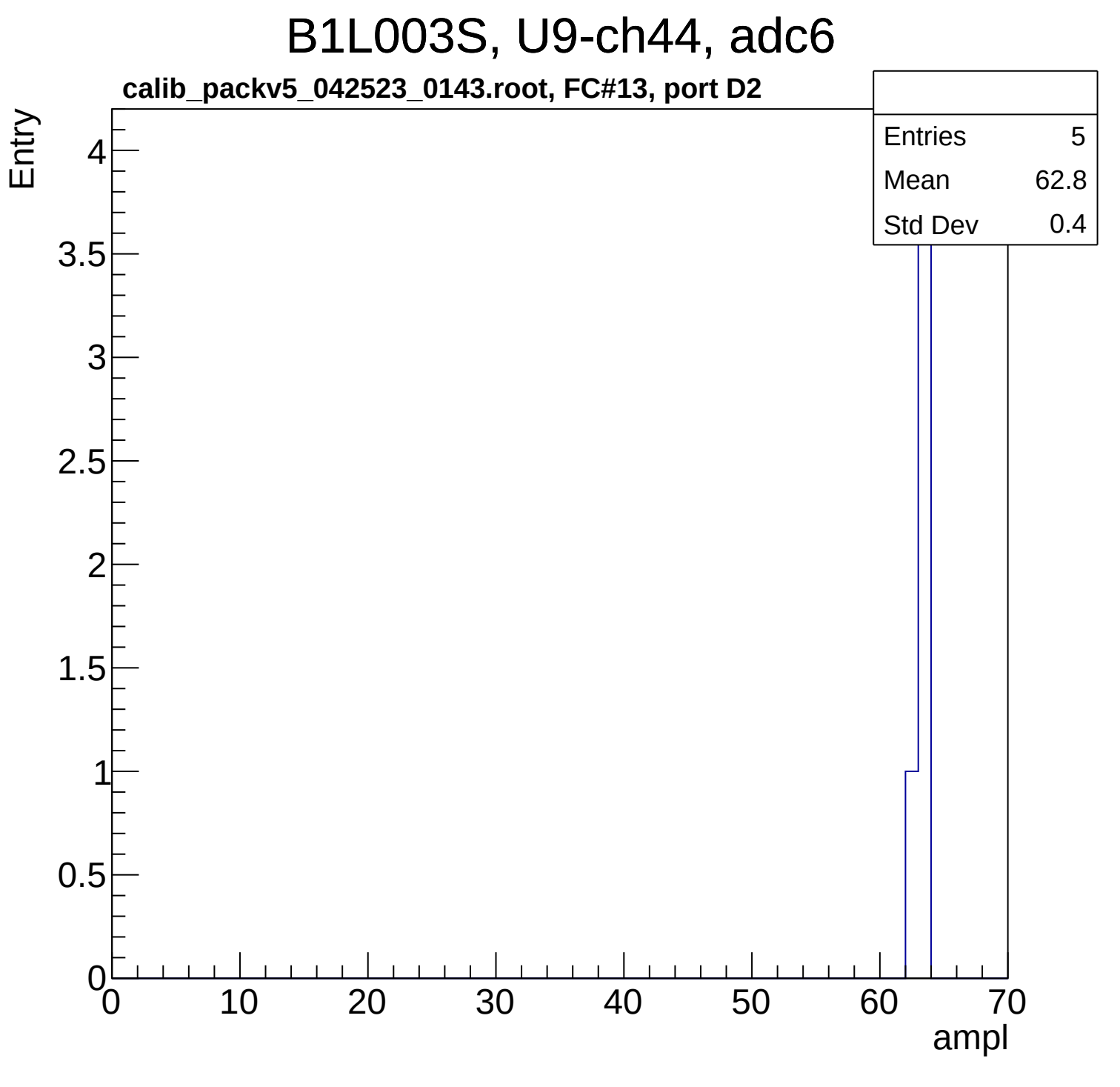
B1L003S, U9-ch44, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.8
Std Dev 0.4
Entry
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
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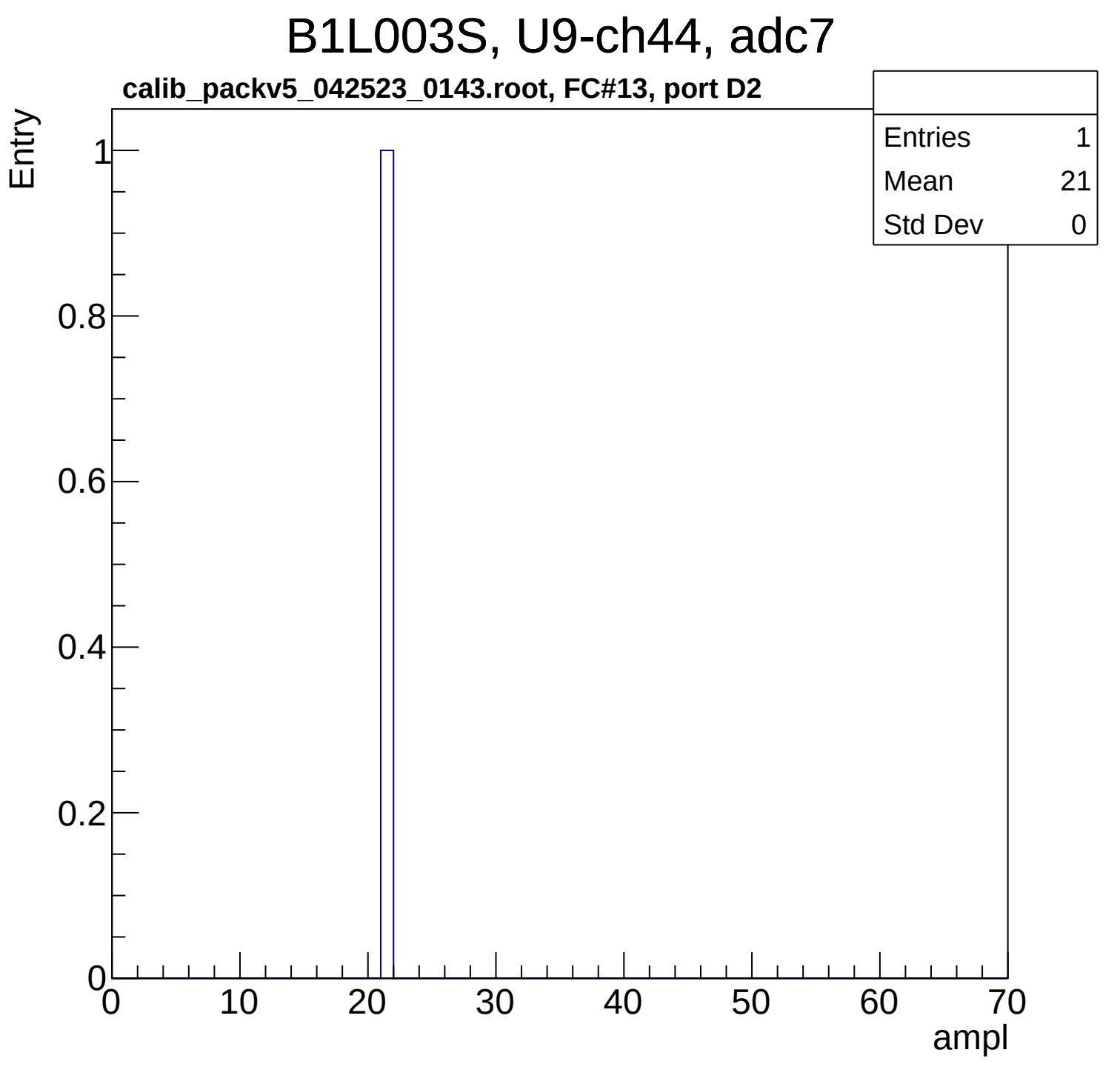
50
60
70
ampl


B1L003S, U9-ch44, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 21
Std Dev 0
Entry
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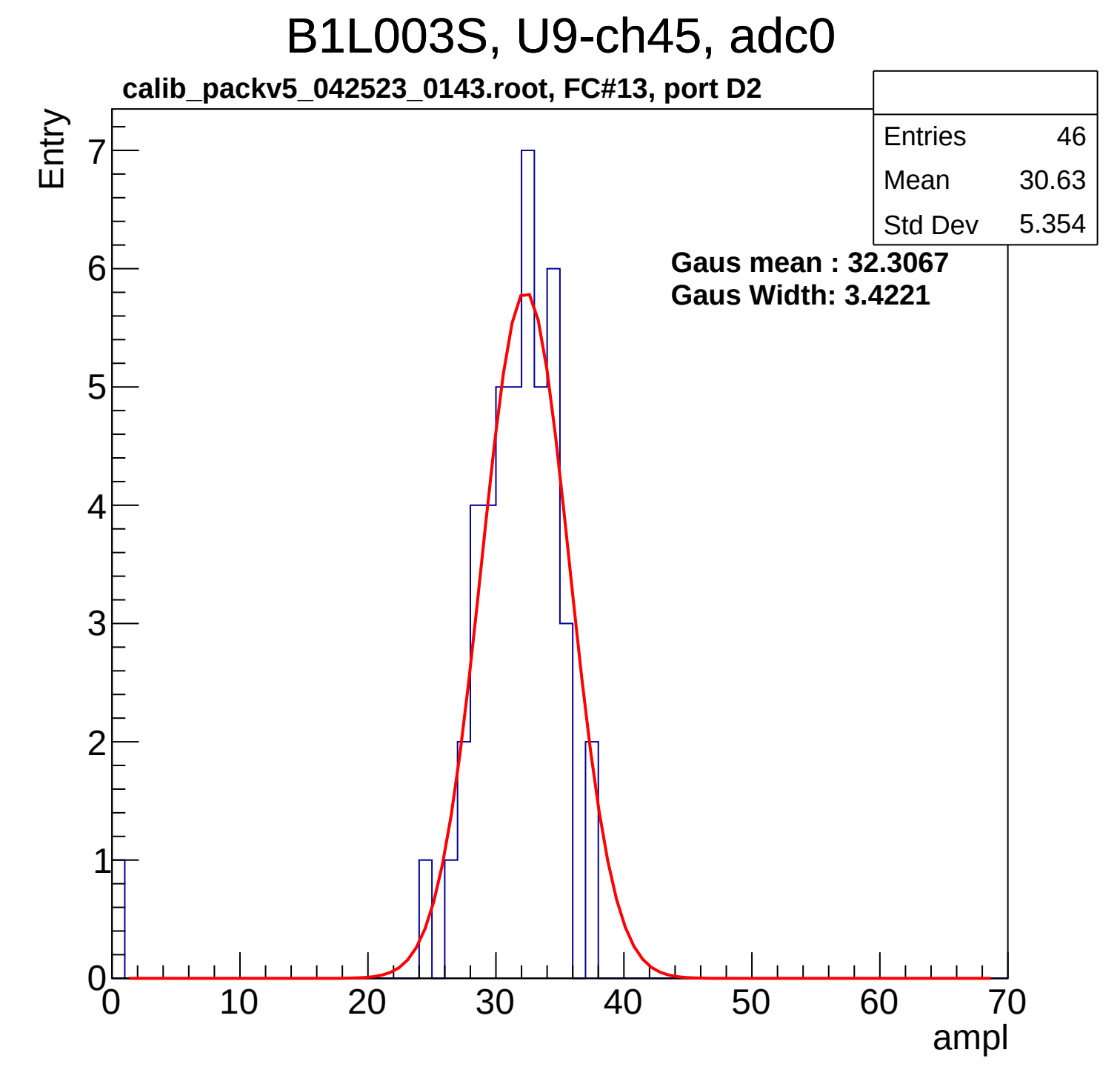
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch45, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 30.63
Std Dev 5.354
Gaus mean : 32.3067
Gaus Width: 3.4221
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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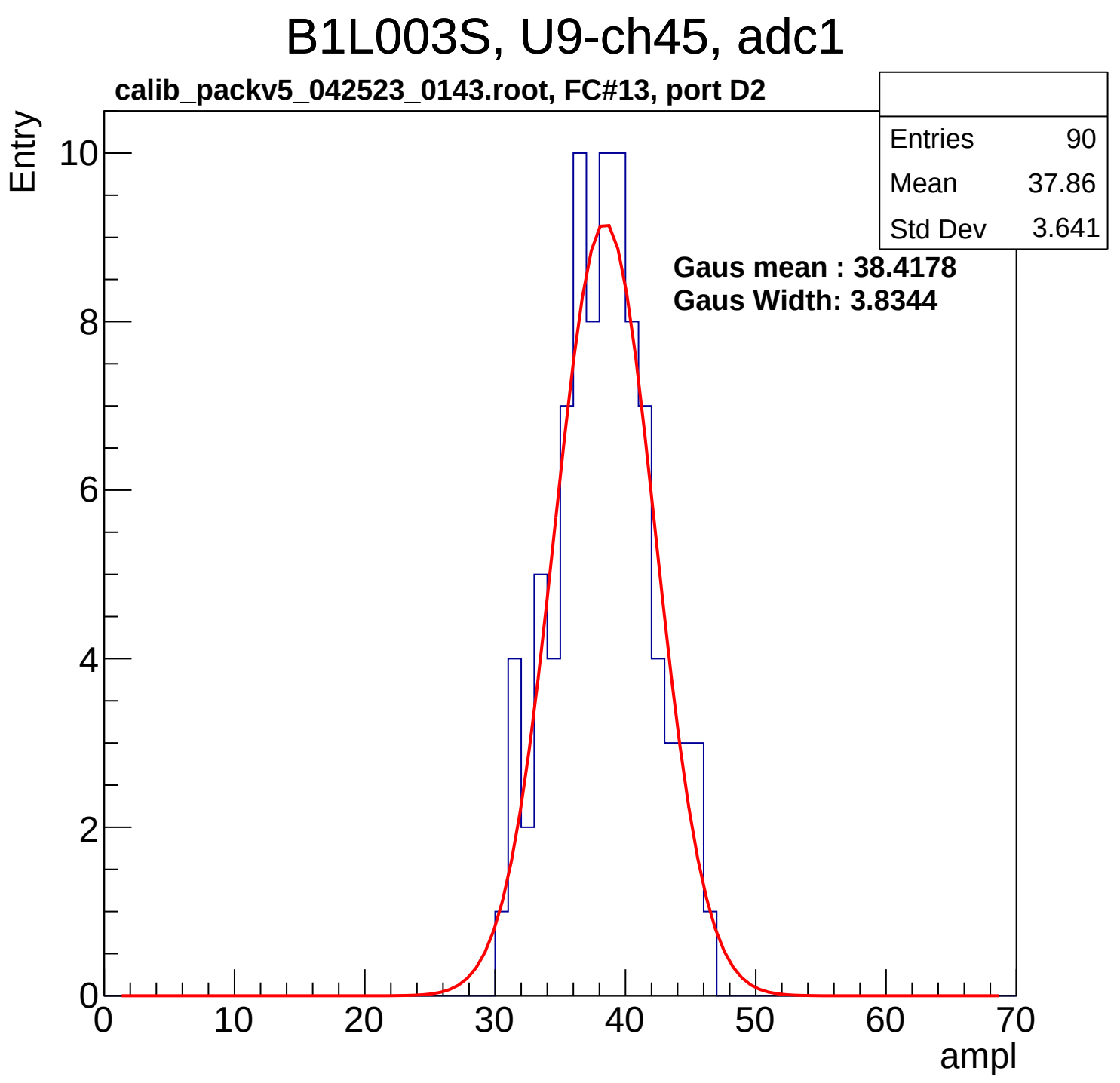
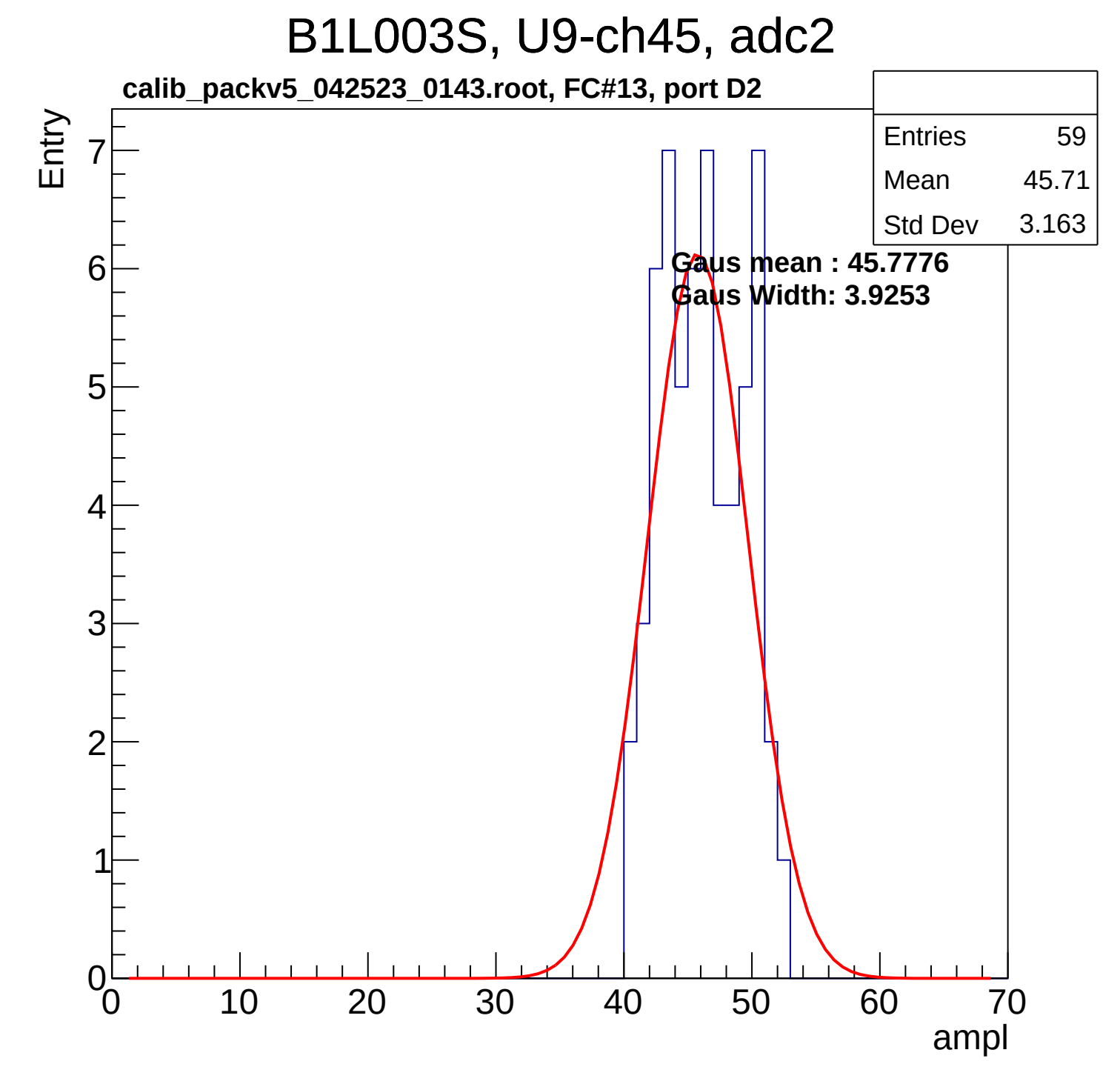

B1L003S, U9-ch45, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 90
Mean 37.86
Std Dev 3.641
Gaus mean : 38.4178
Gaus Width: 3.8344
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch45, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 45.71
Std Dev 3.163
Gaus mean : 45.7776
Gaus Width: 3.9253
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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60
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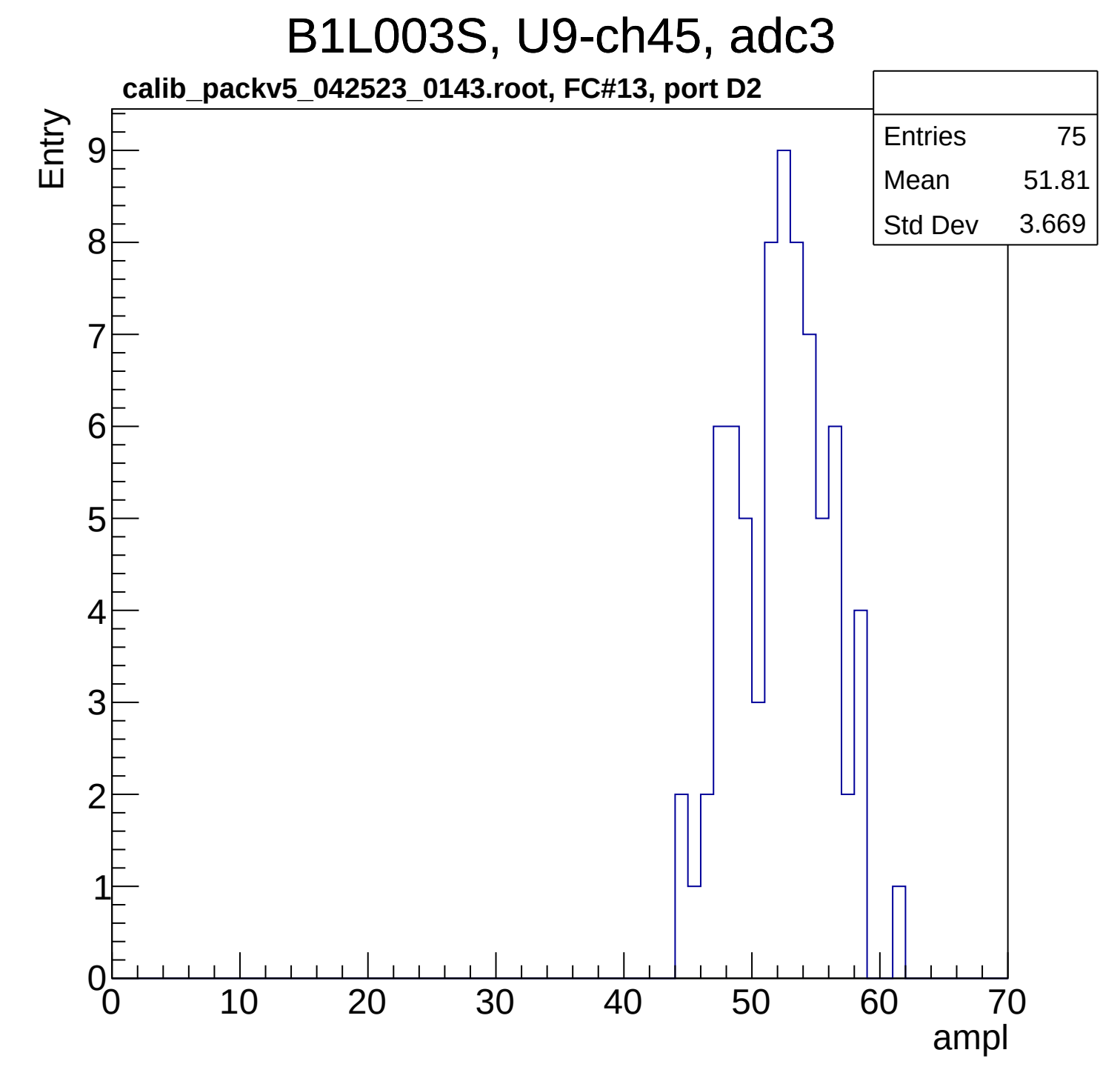
B1L003S, U9-ch45, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 51.81
Std Dev 3.669
Entry
ampl
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3
4
5
6
7
8
9
0
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40
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60
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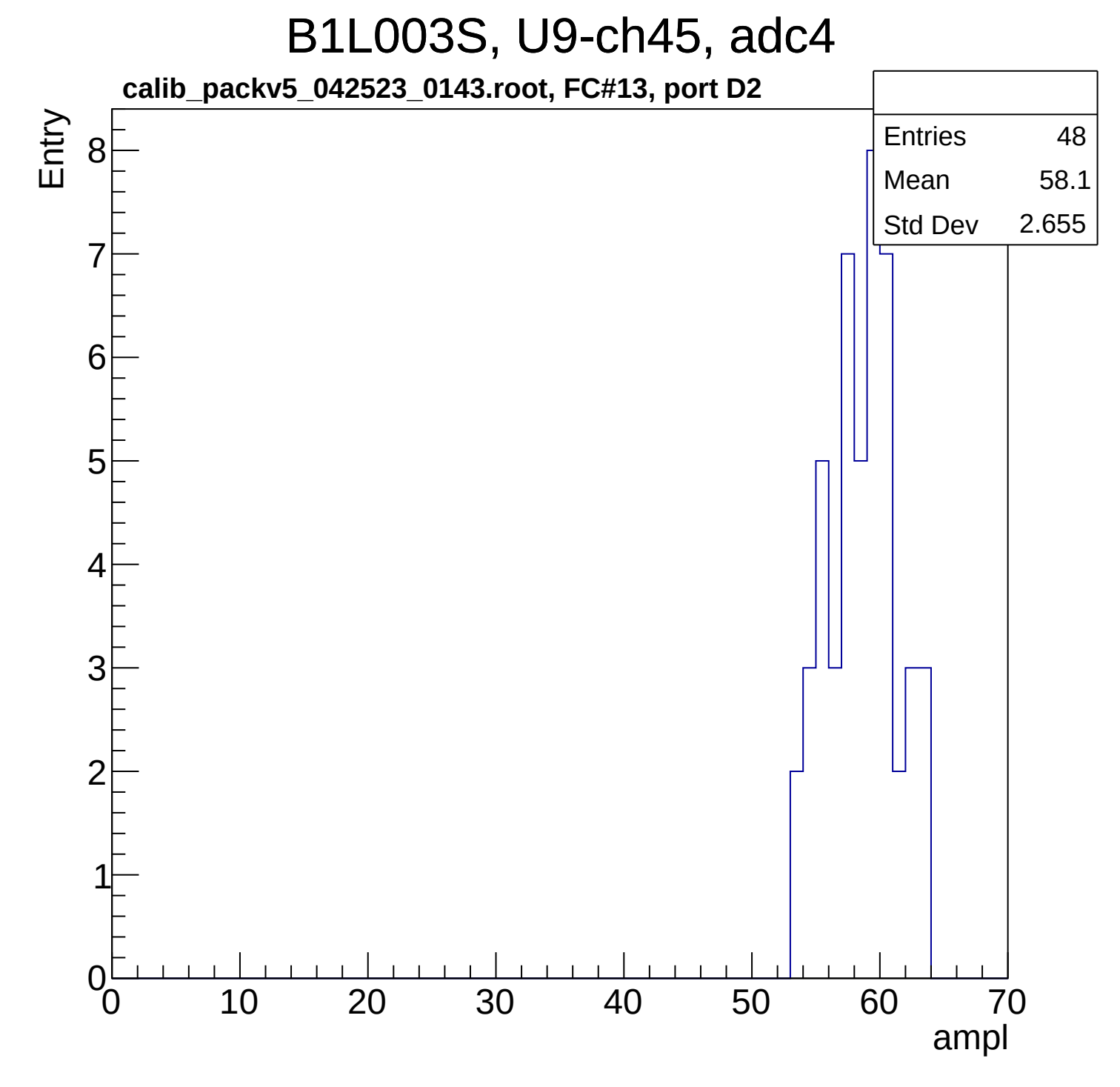
B1L003S, U9-ch45, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 58.1
Std Dev 2.655
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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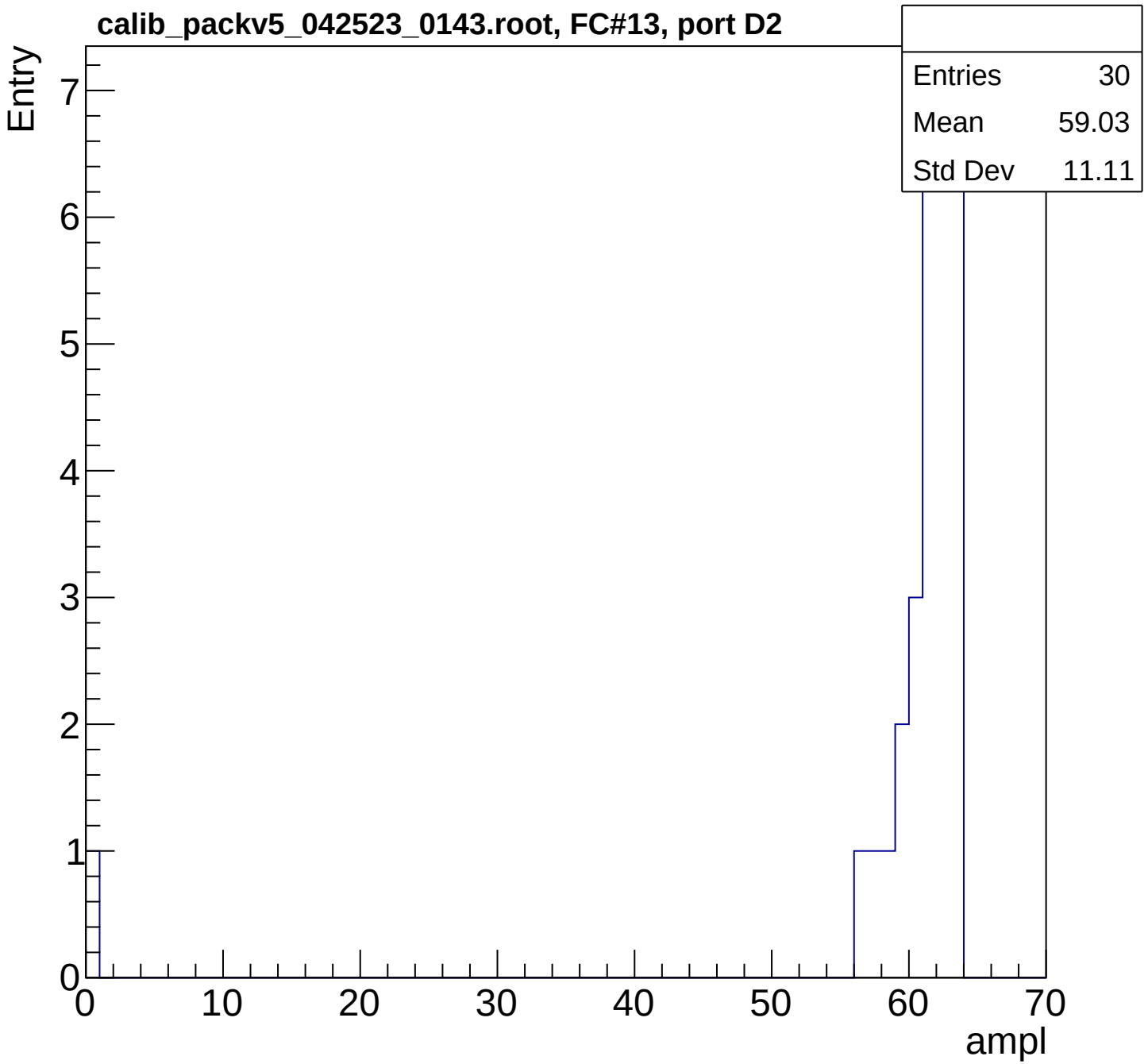
40
50
60
70


B1L003S, U9-ch45, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 30
Mean 59.03
Std Dev 11.11
Entry
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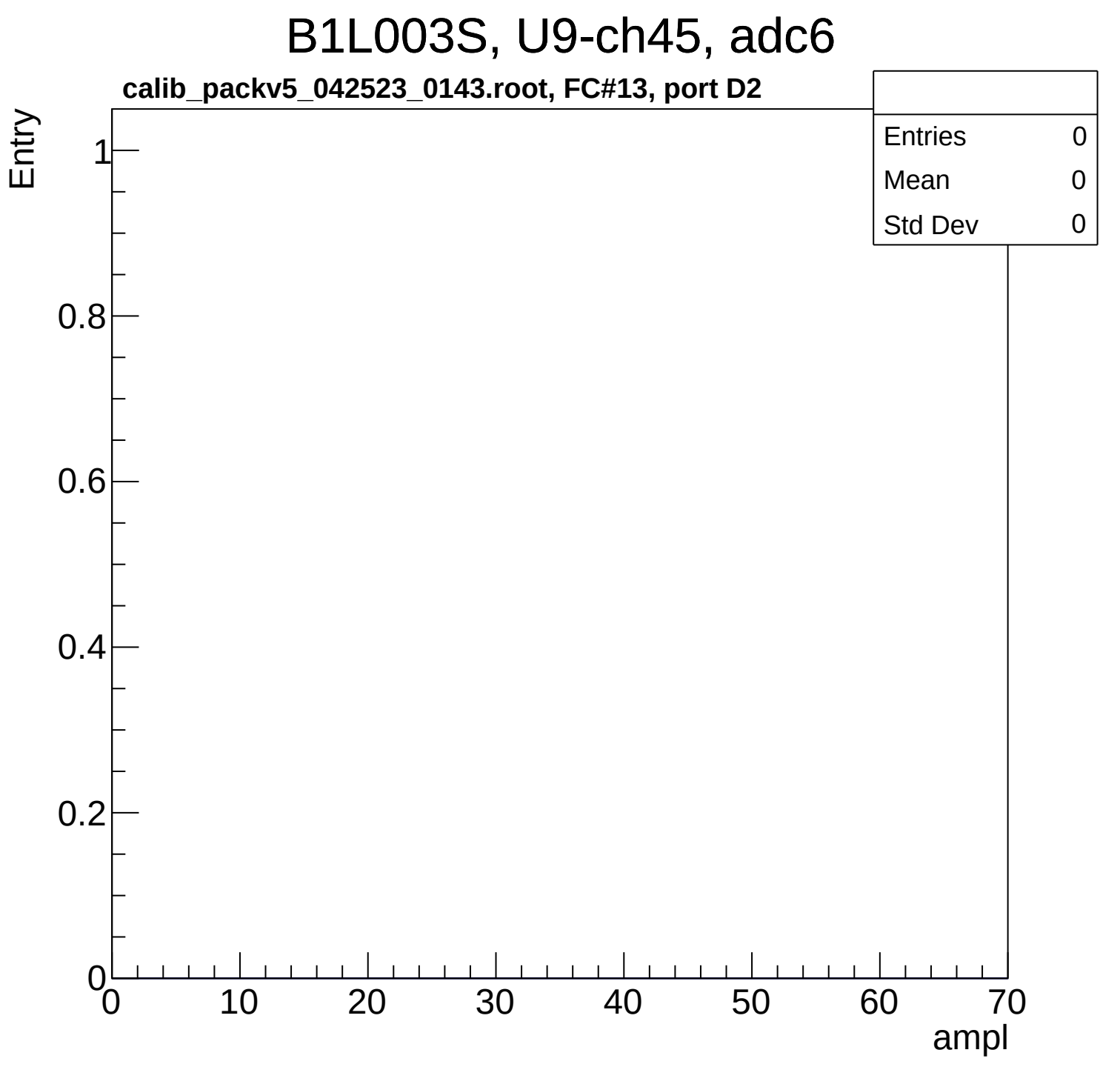
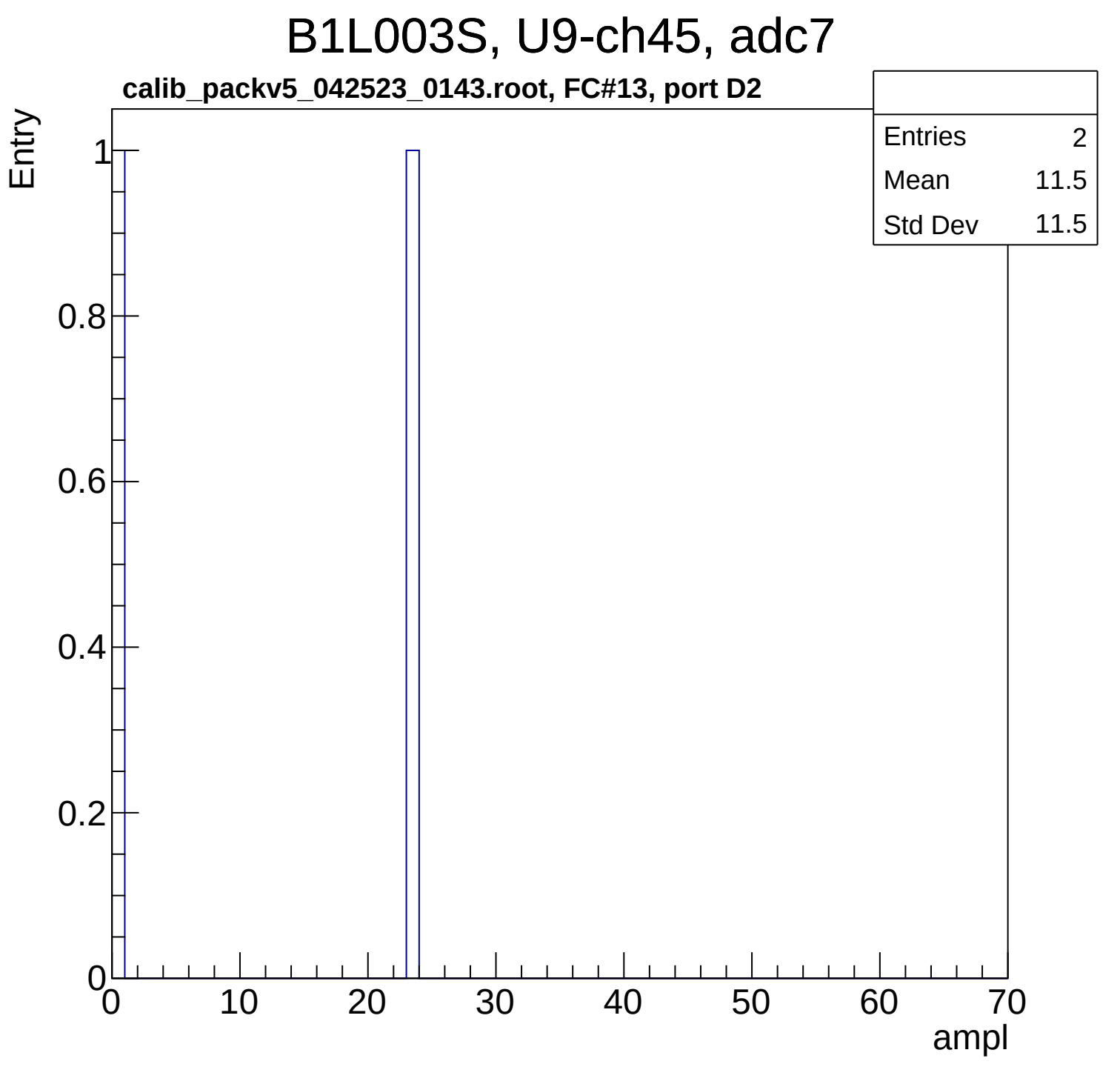
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch45, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch45, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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0.6
0.4
0.2
0
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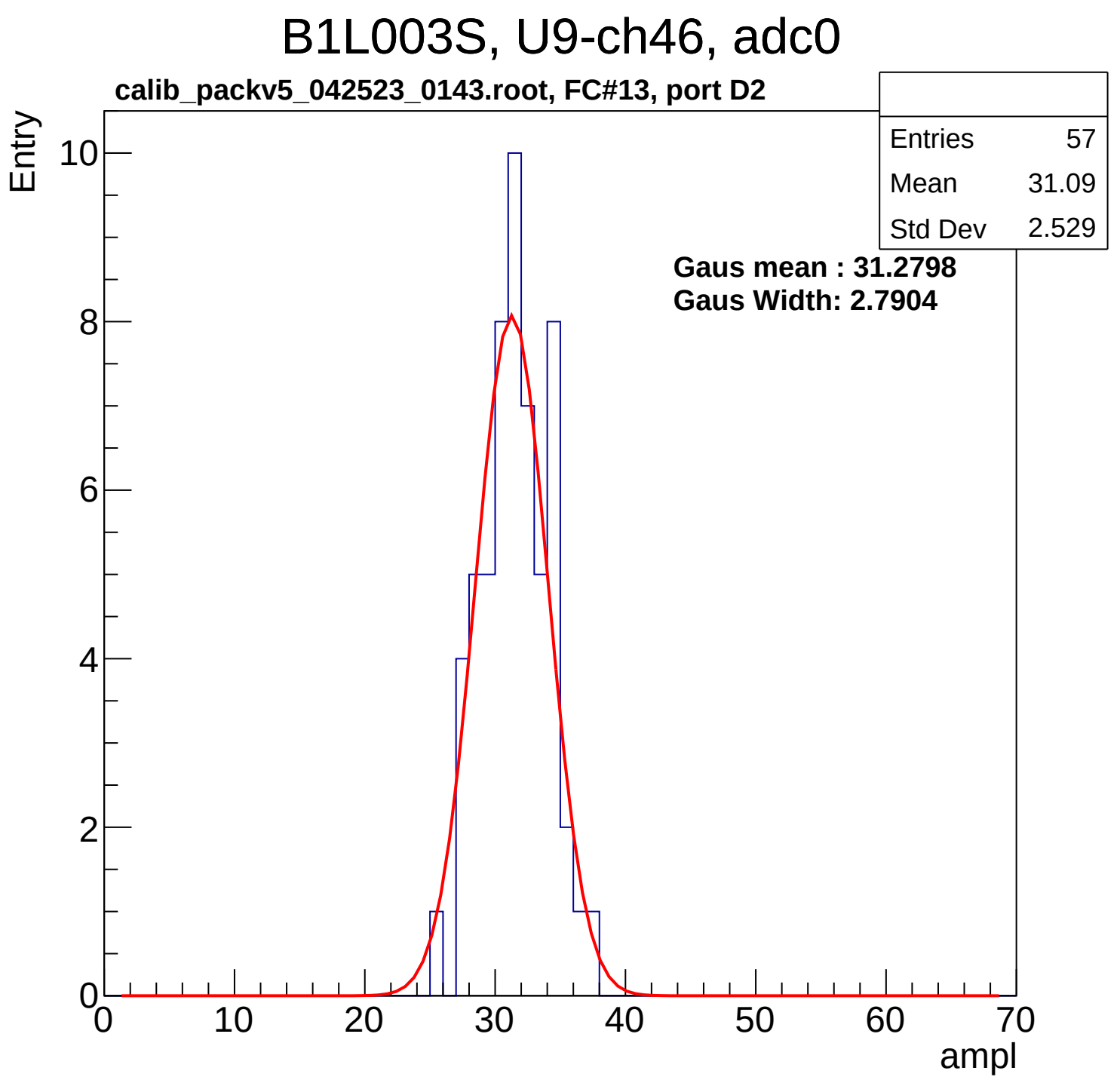
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch46, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 31.09
Std Dev 2.529
Gaus mean : 31.2798
Gaus Width: 2.7904
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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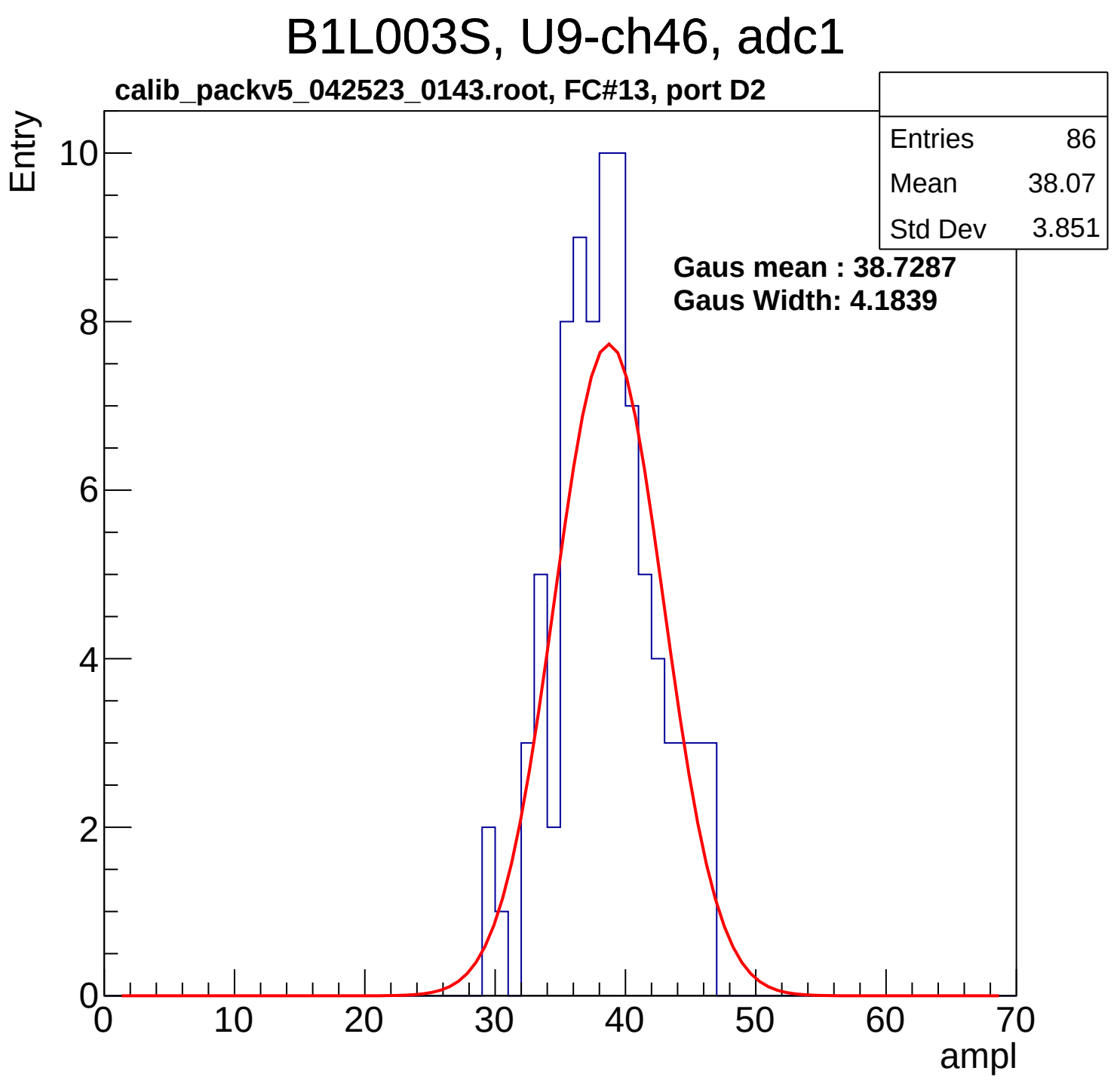
B1L003S, U9-ch46, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 86
Mean 38.07
Std Dev 3.851
Gaus mean : 38.7287
Gaus Width: 4.1839
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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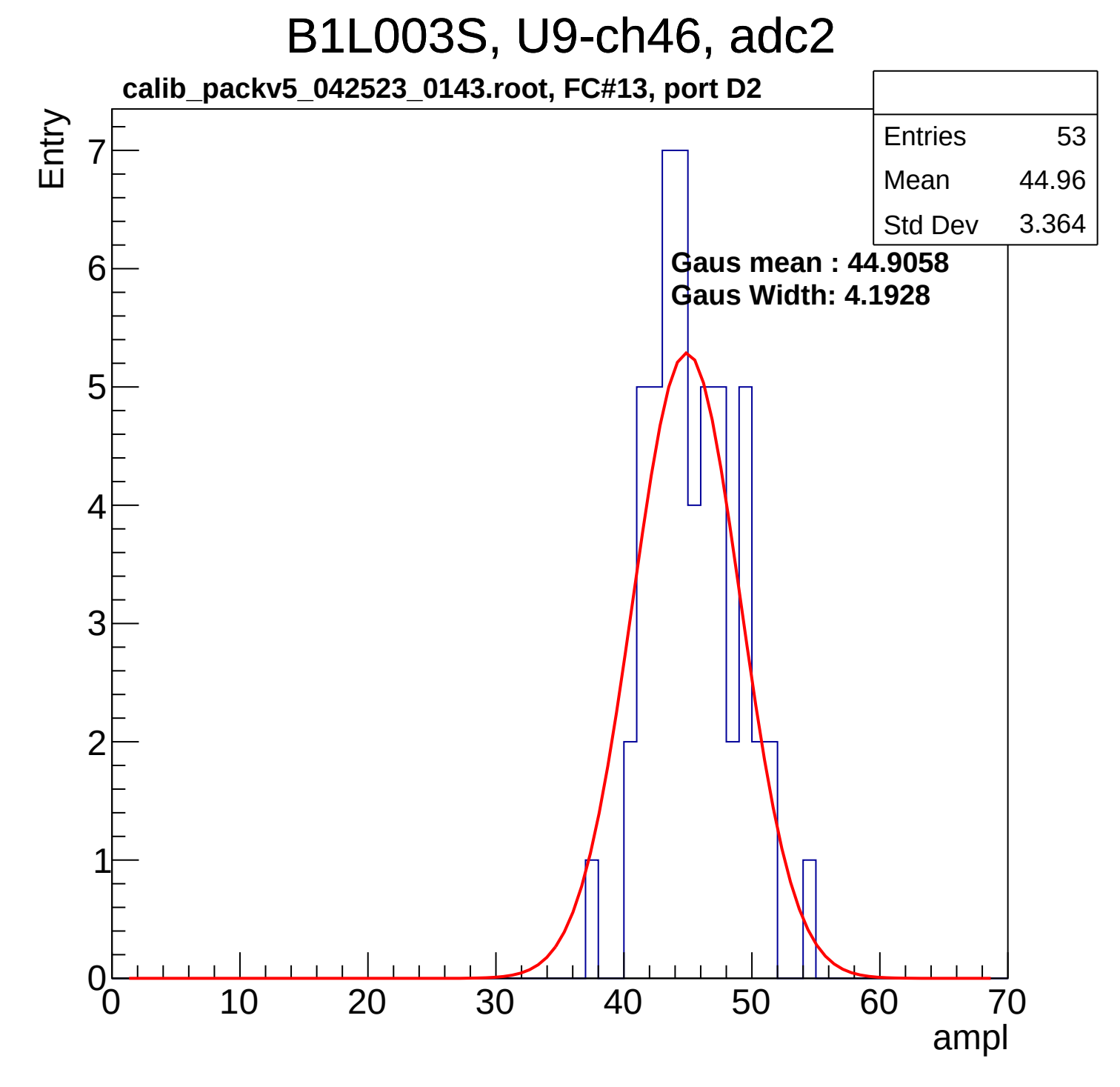
B1L003S, U9-ch46, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 44.96
Std Dev 3.364
Gaus mean : 44.9058
Gaus Width: 4.1928
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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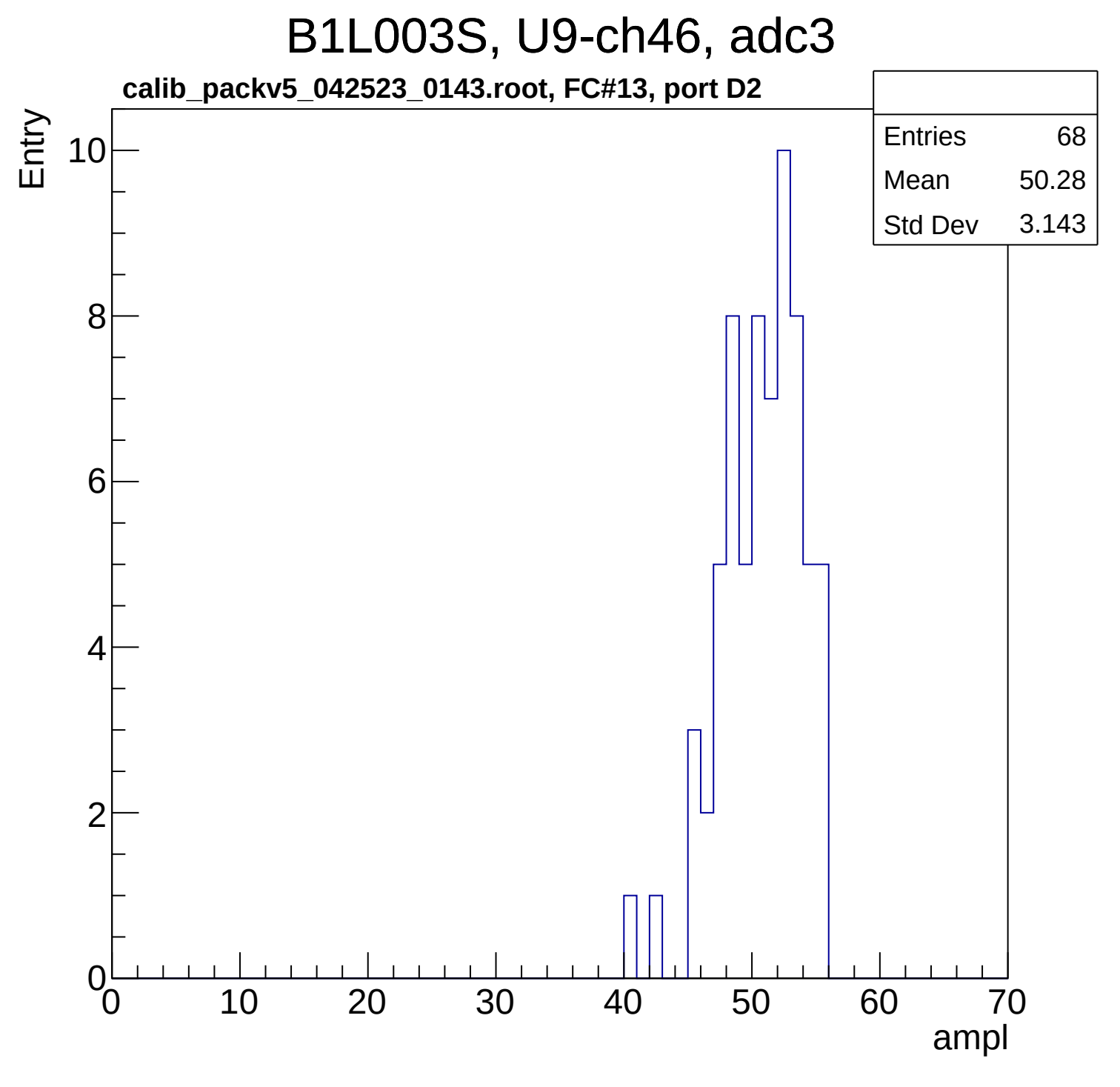
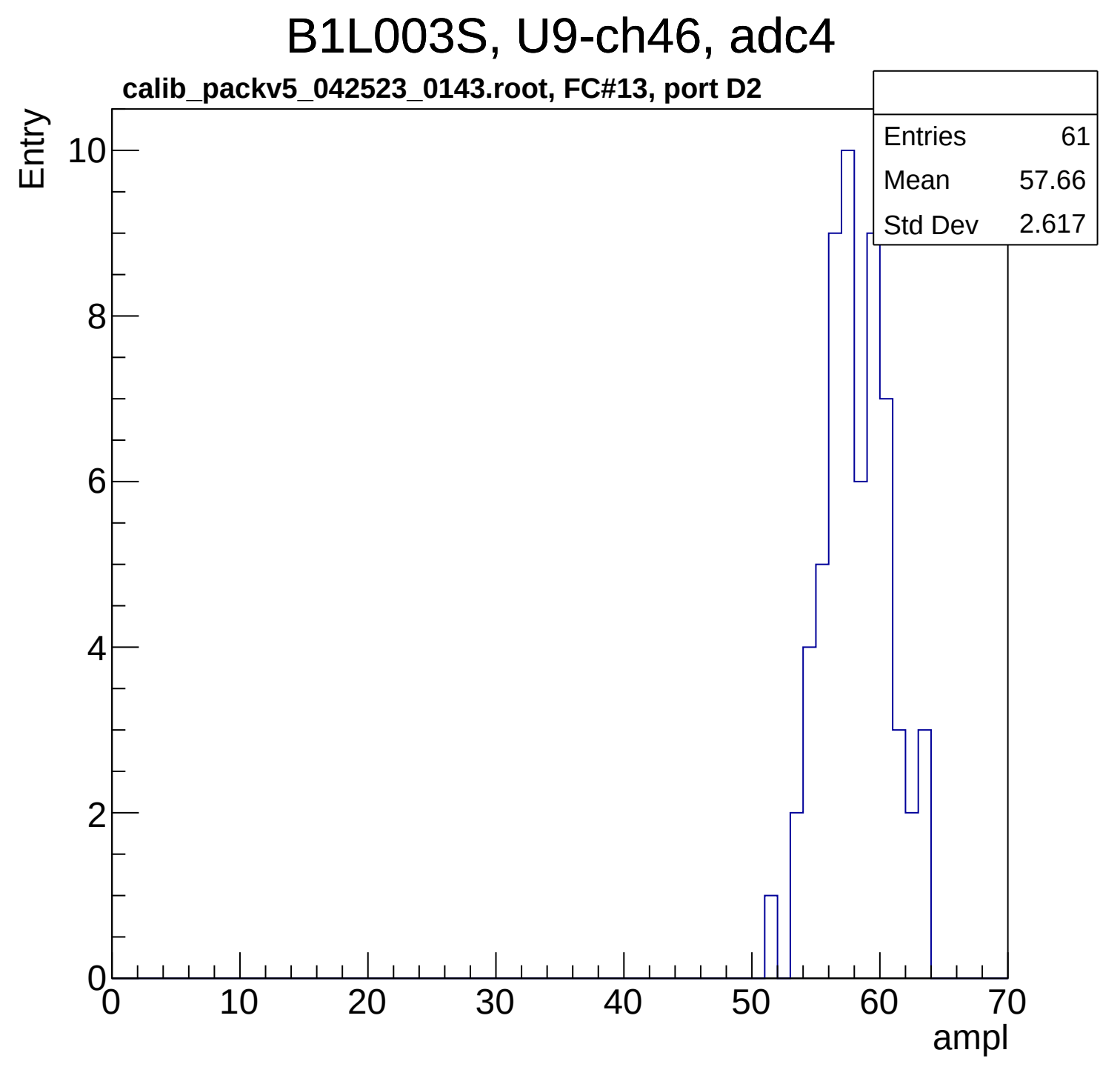
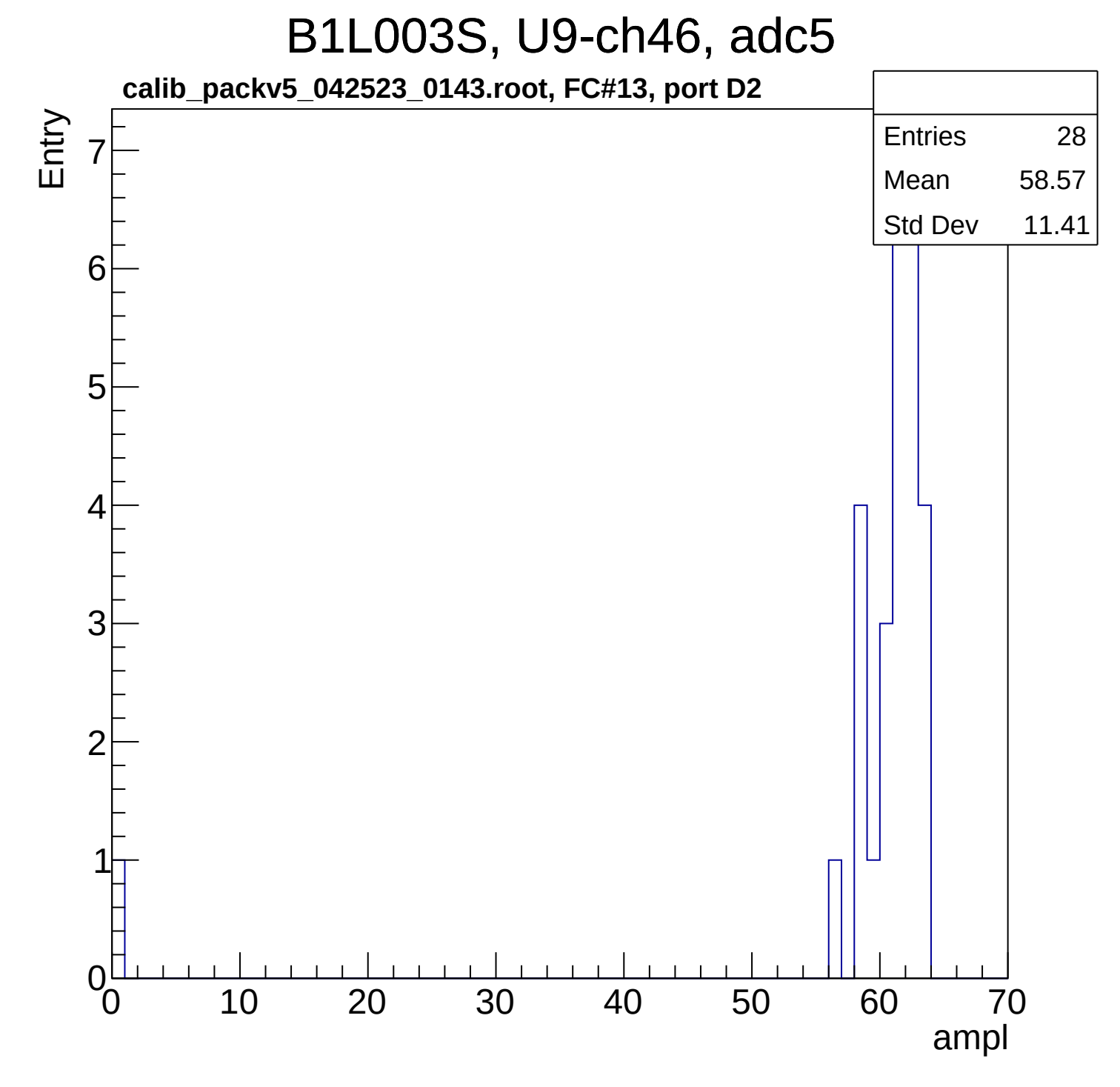

B1L003S, U9-ch46, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 50.28
Std Dev 3.143
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch46, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 57.66
Std Dev 2.617
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch46, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 28
Mean 58.57
Std Dev 11.41
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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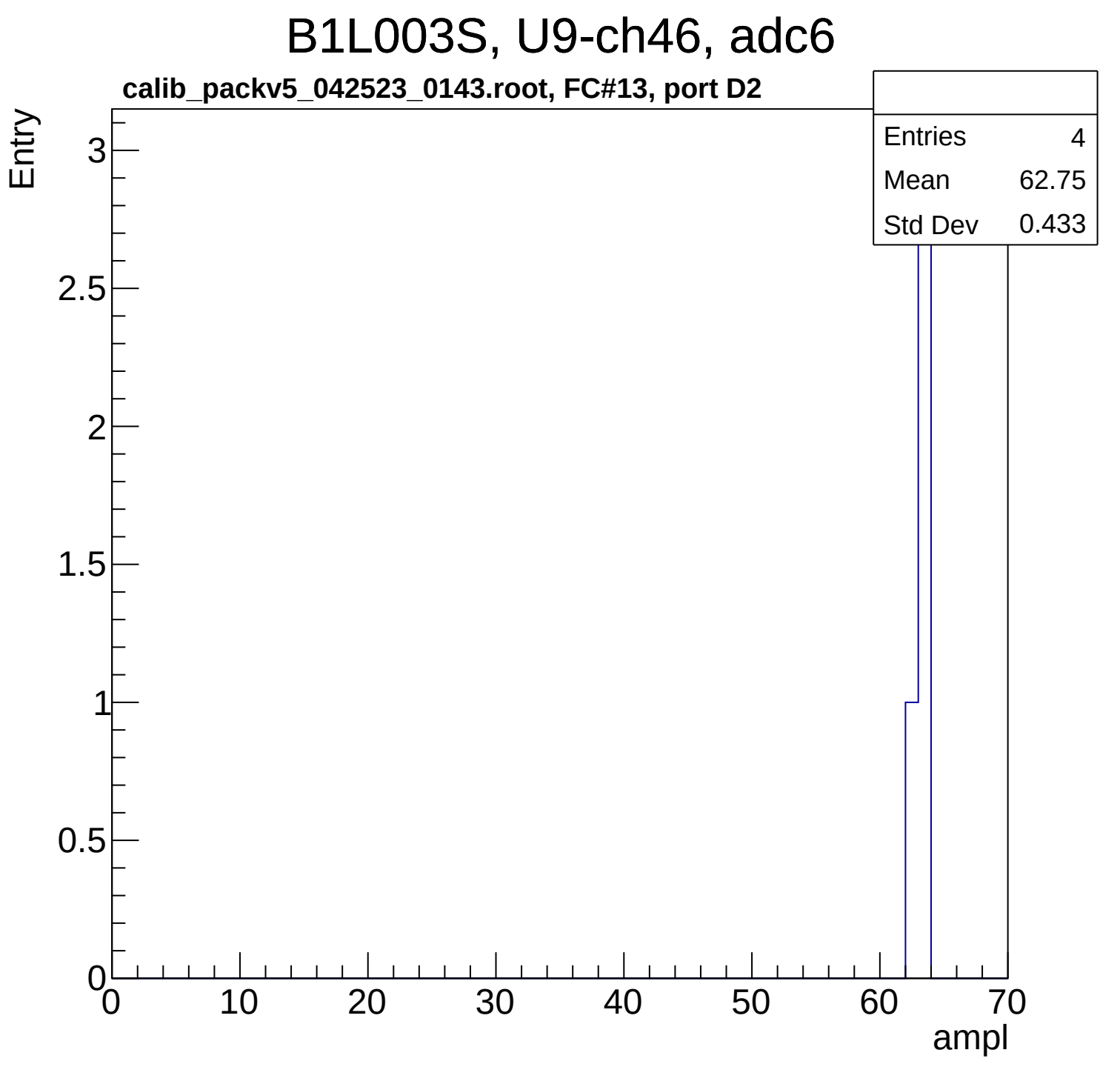
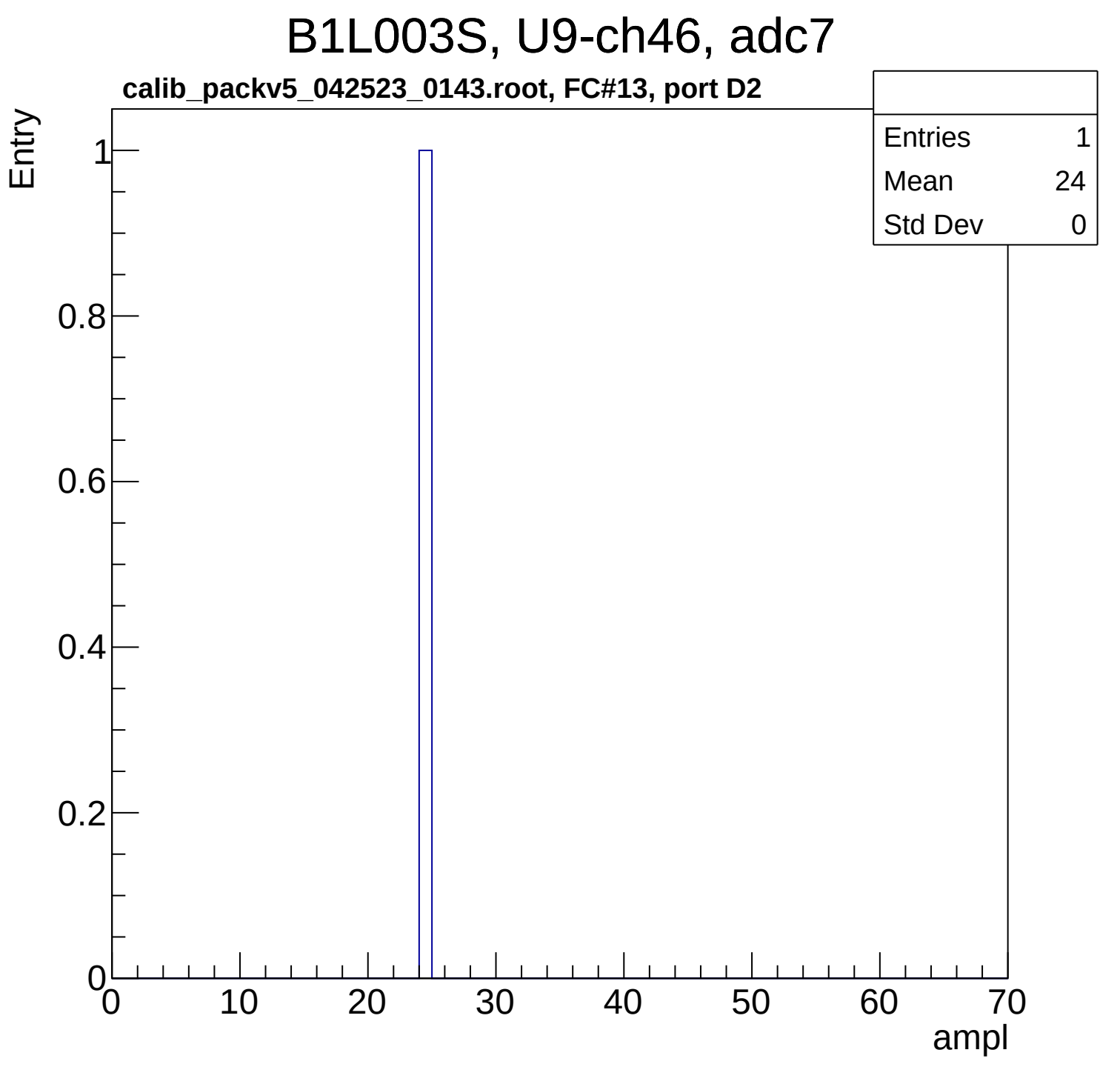

B1L003S, U9-ch46, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch46, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 24
Std Dev 0
Entry
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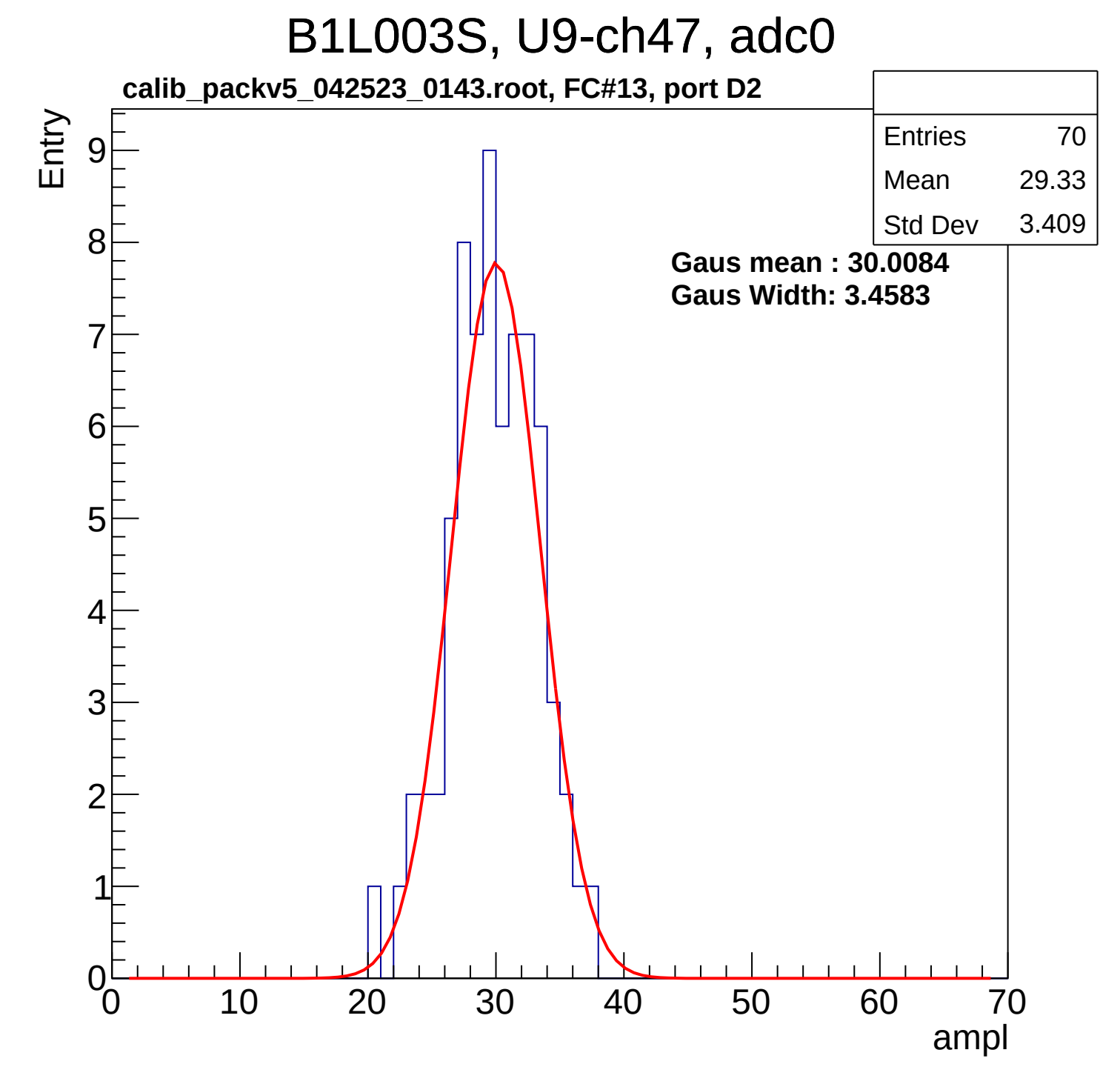
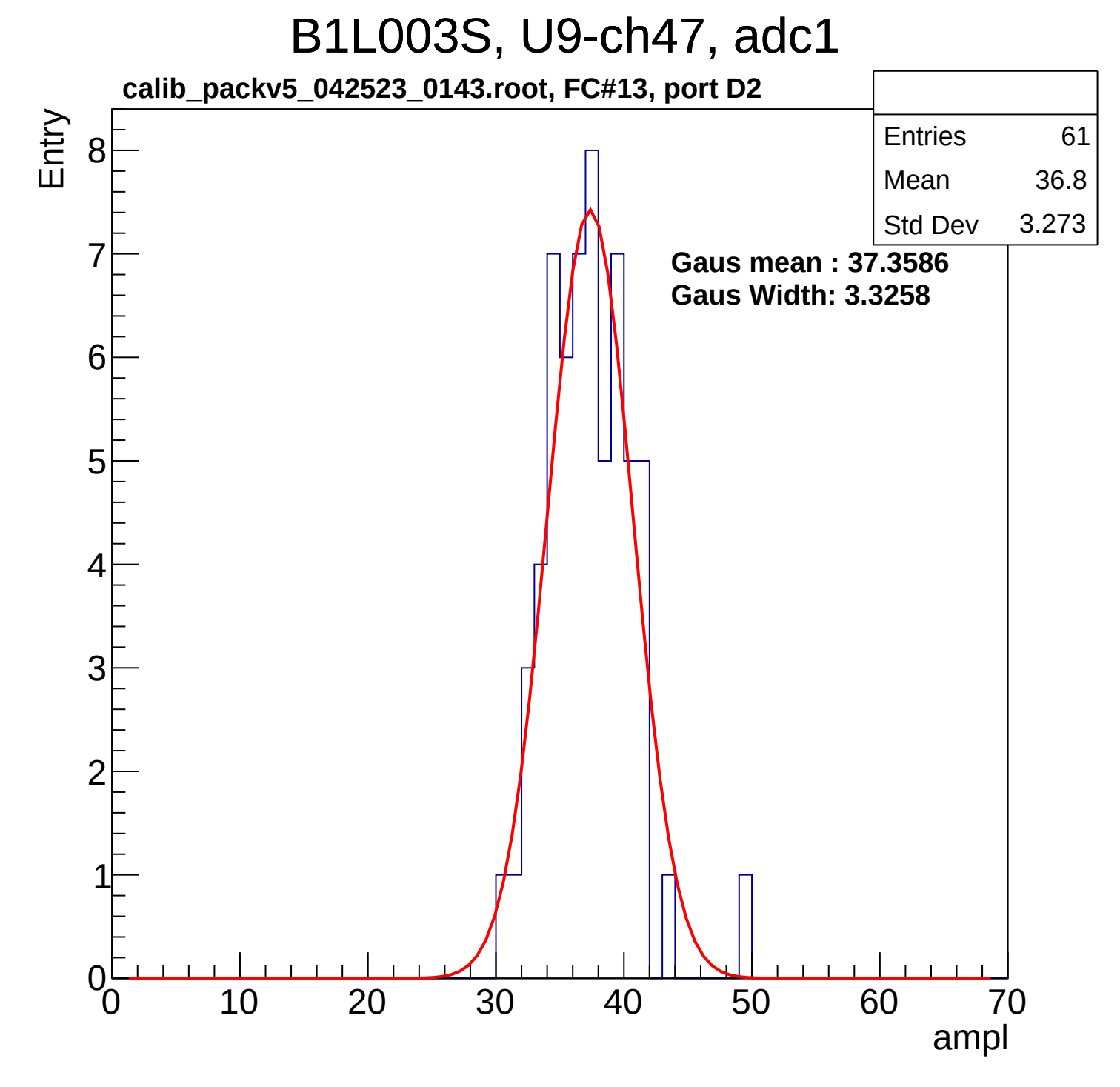
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch47, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 29.33
Std Dev 3.409
Gaus mean : 30.0084
Gaus Width: 3.4583
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch47, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.8
Std Dev 3.273
Gaus mean : 37.3586
Gaus Width: 3.3258
Entry
ampl
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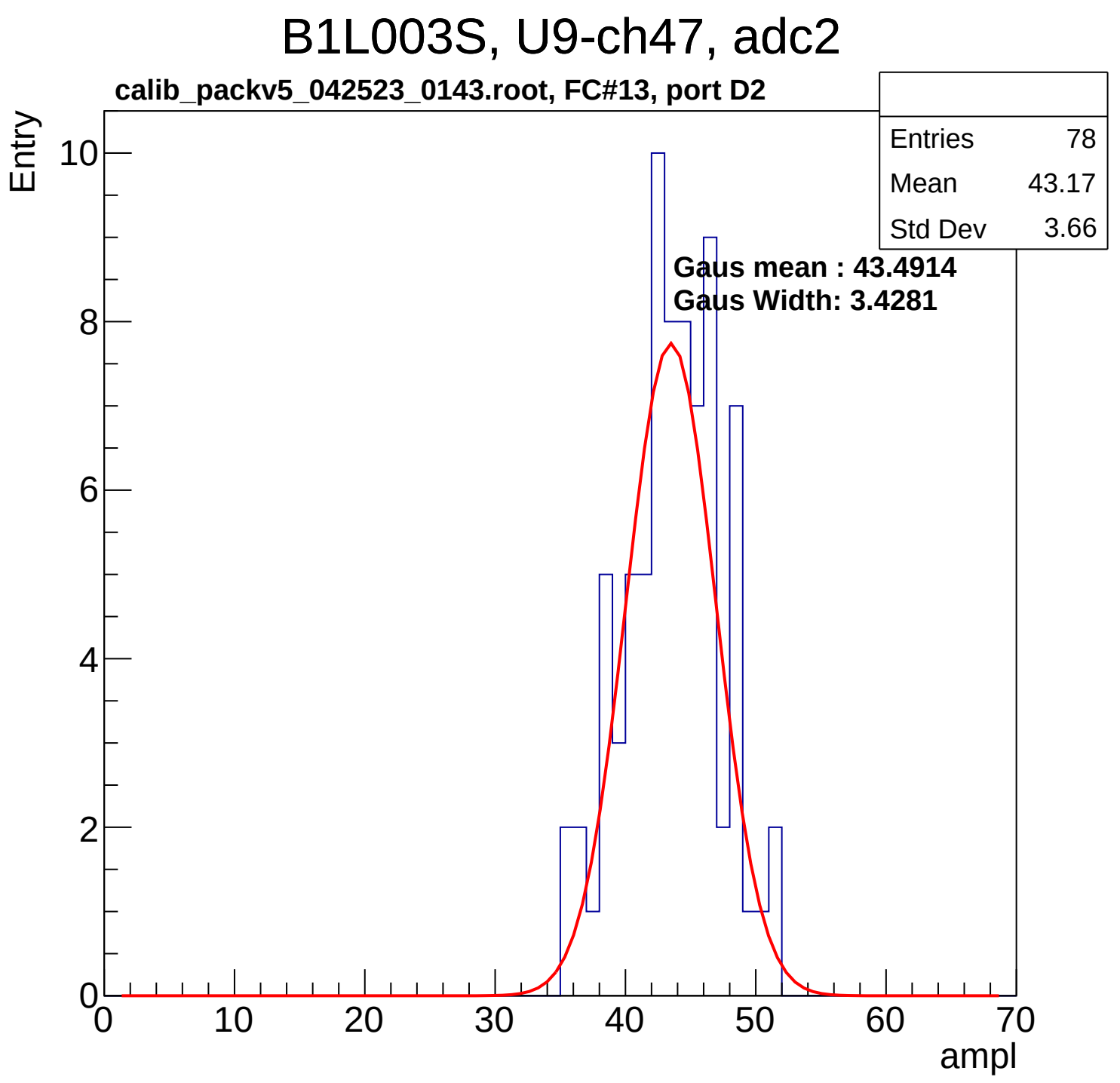
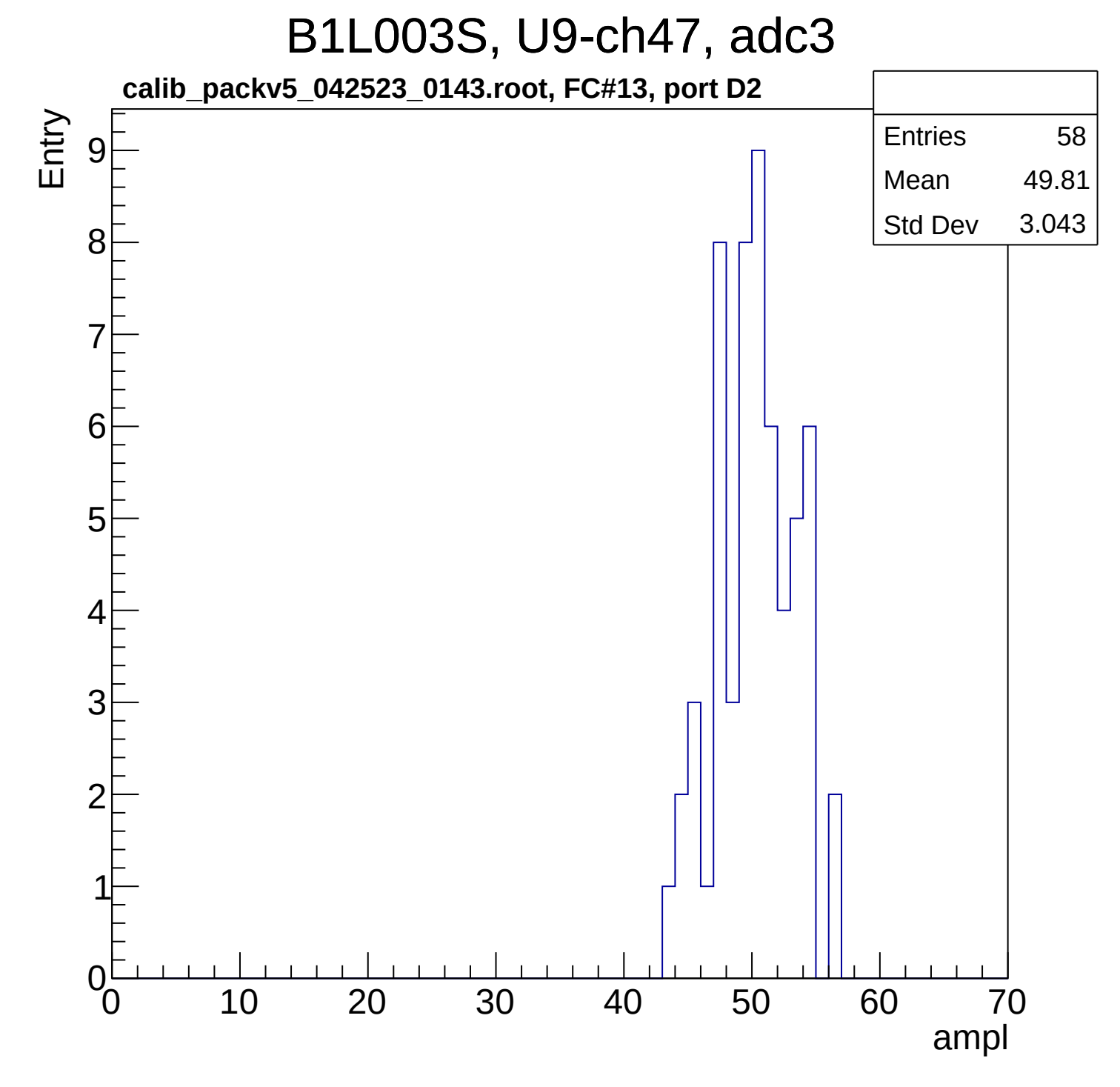
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch47, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 43.17
Std Dev 3.66
Gaus mean : 43.4914
Gaus Width: 3.4281
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch47, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 49.81
Std Dev 3.043
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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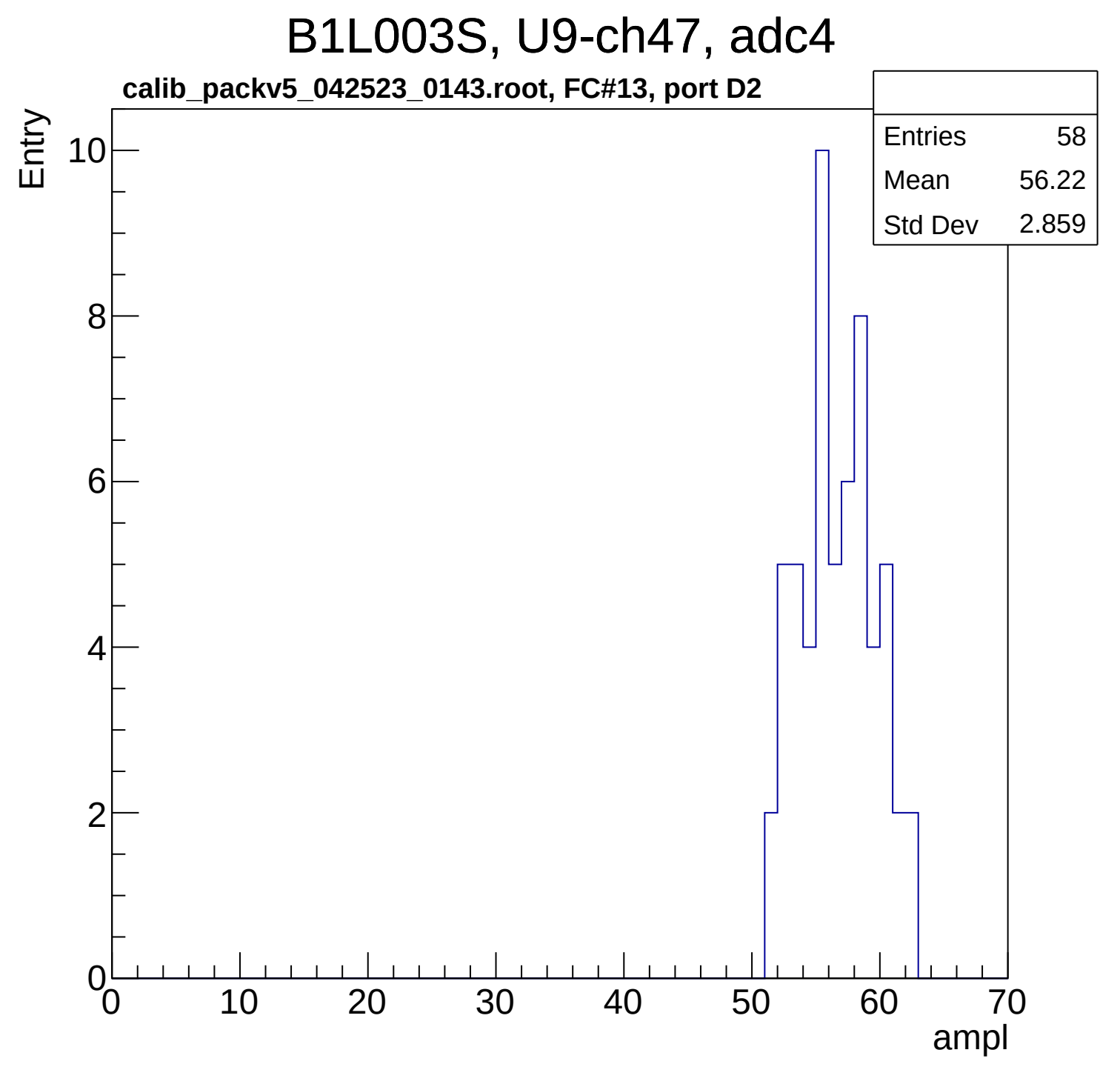
B1L003S, U9-ch47, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 56.22
Std Dev 2.859
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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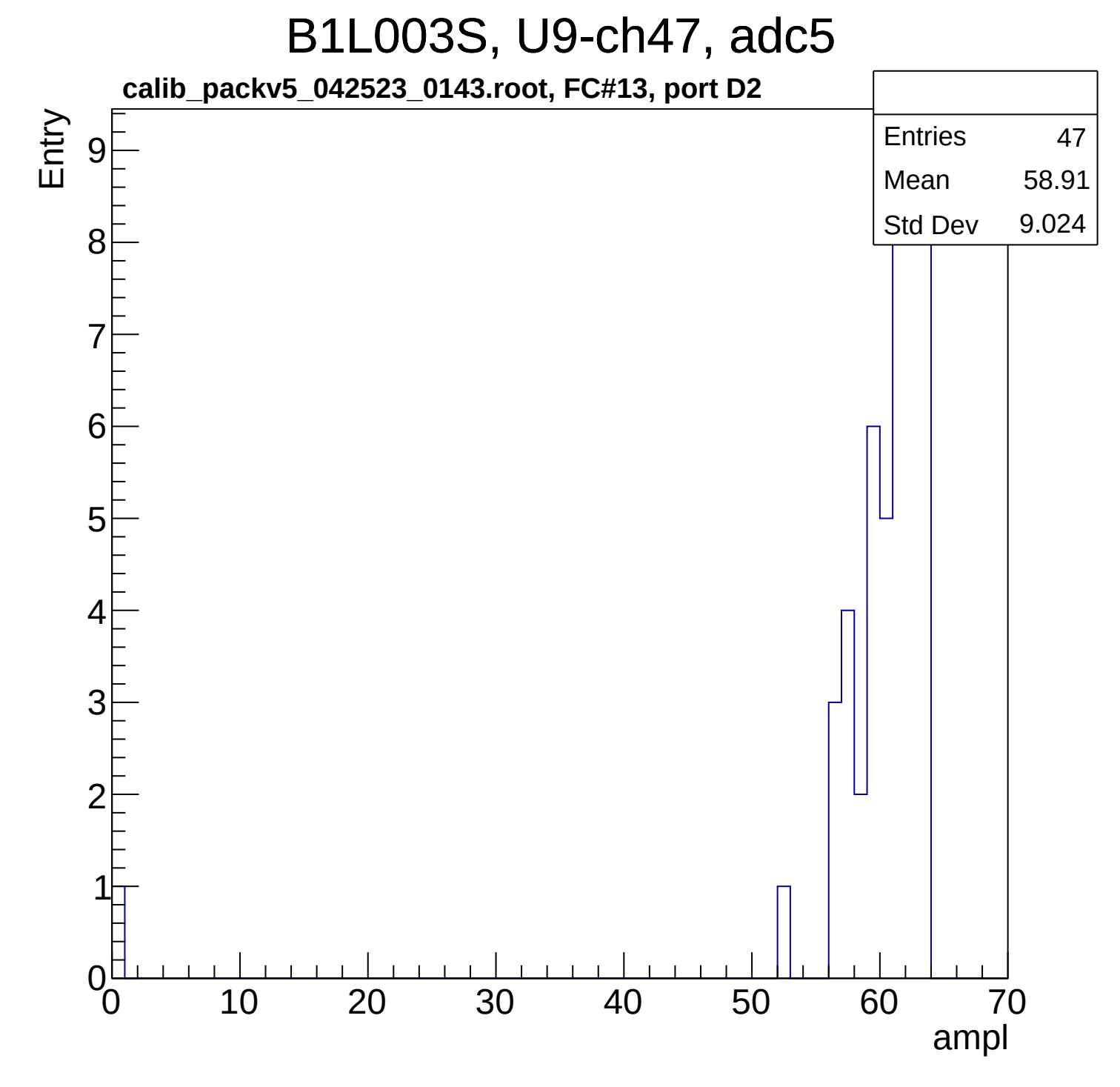
B1L003S, U9-ch47, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.91
Std Dev 9.024
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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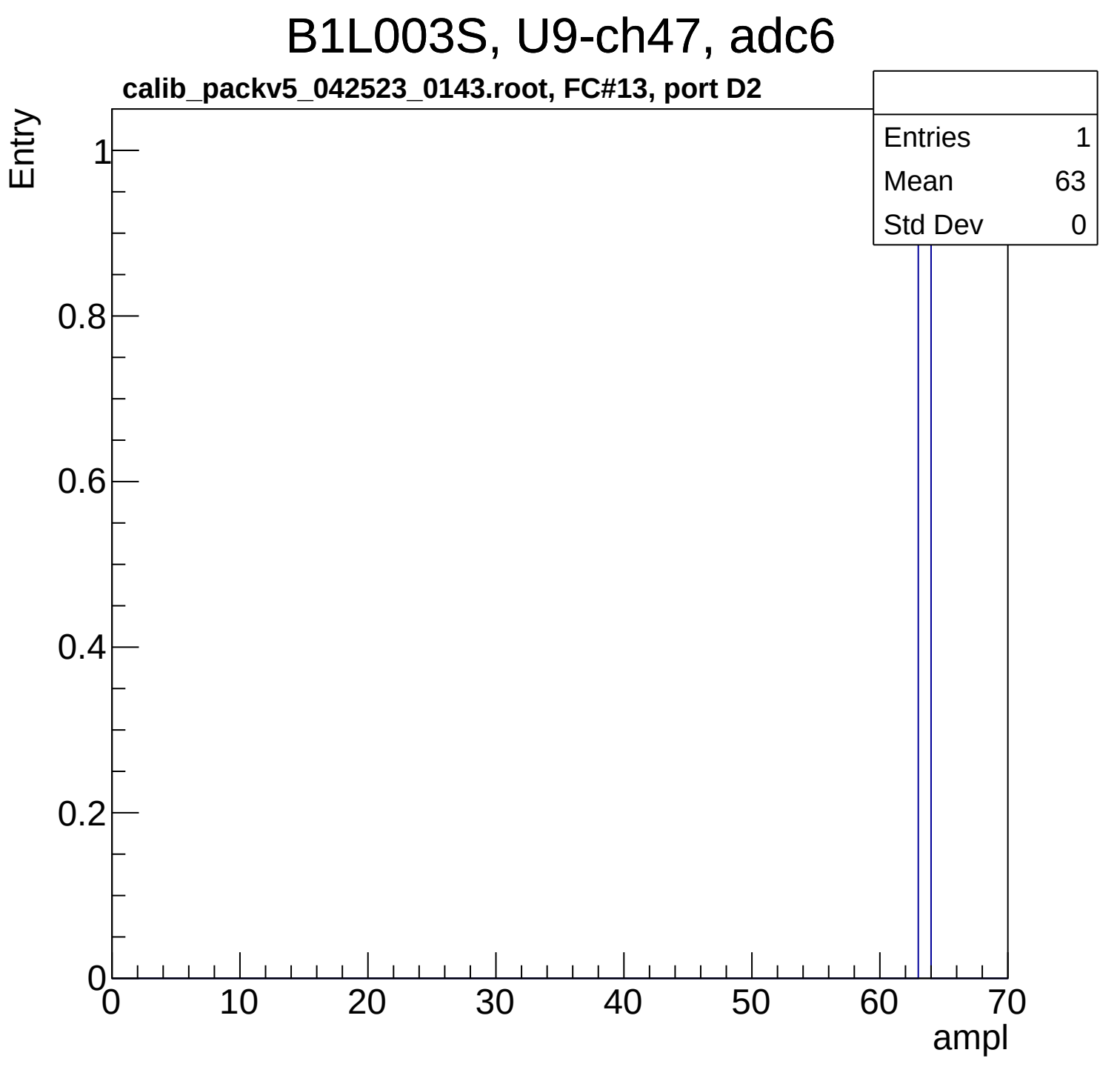
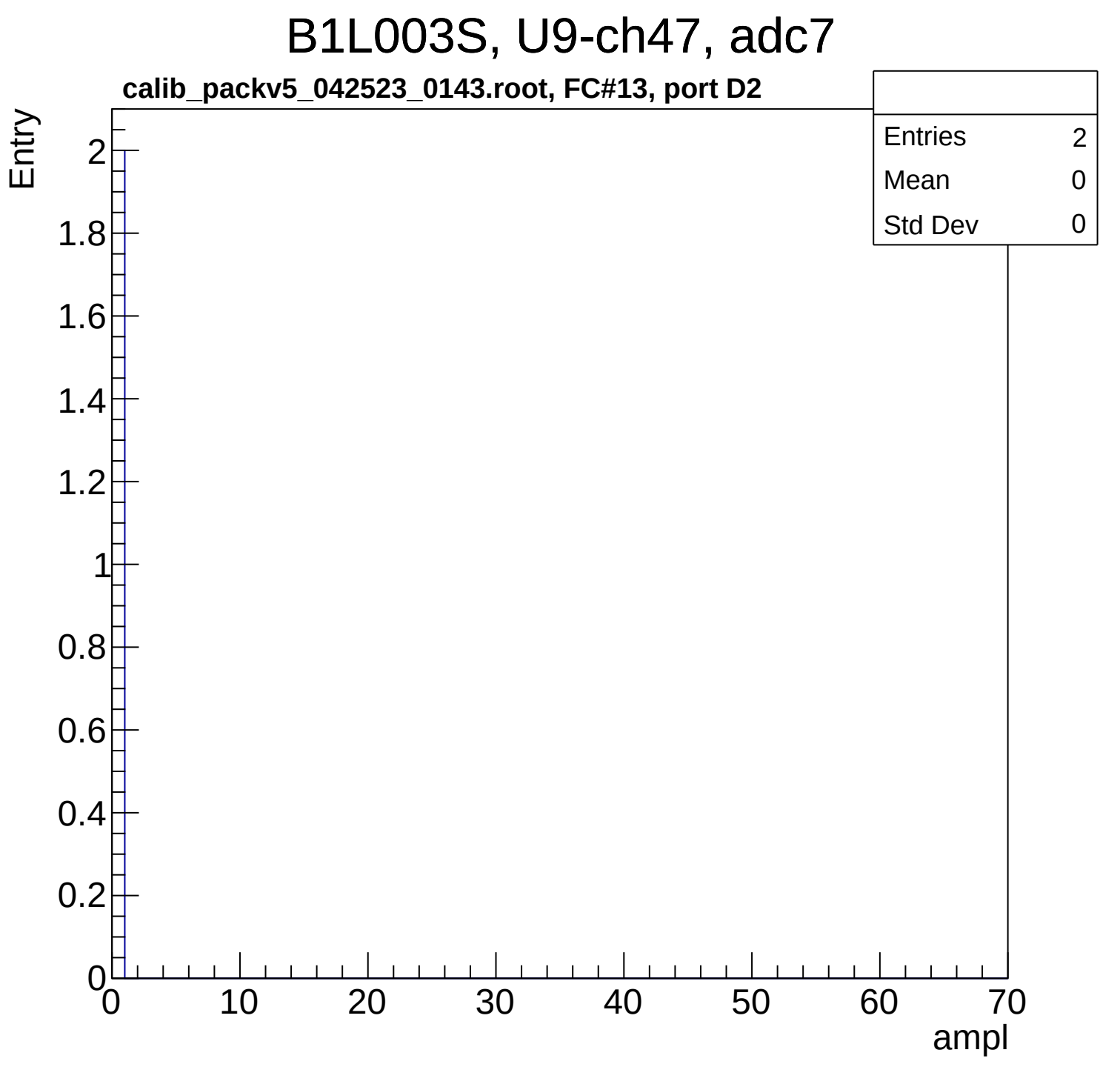
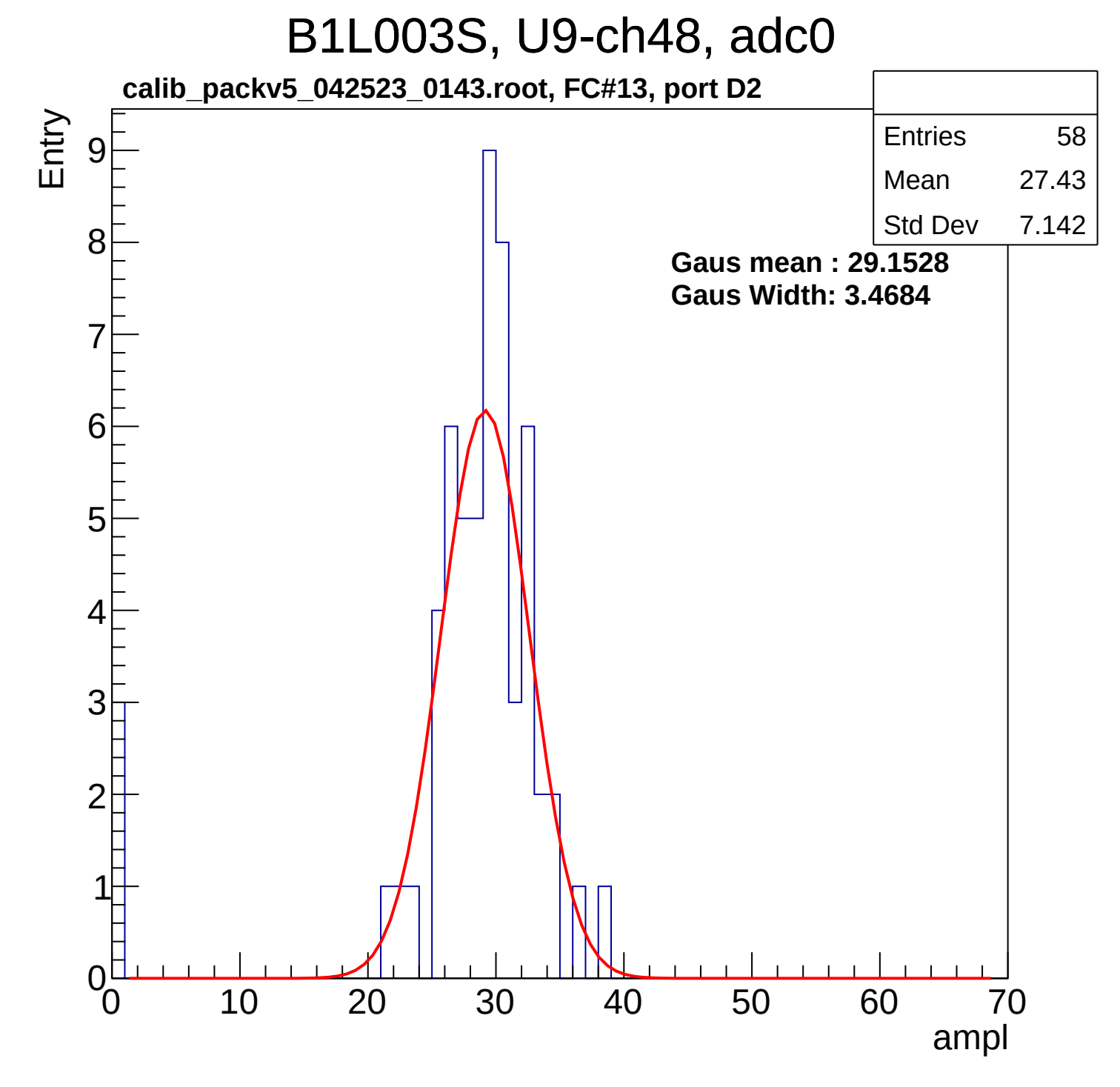

B1L003S, U9-ch47, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch47, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch48, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 27.43
Std Dev 7.142
Gaus mean : 29.1528
Gaus Width: 3.4684
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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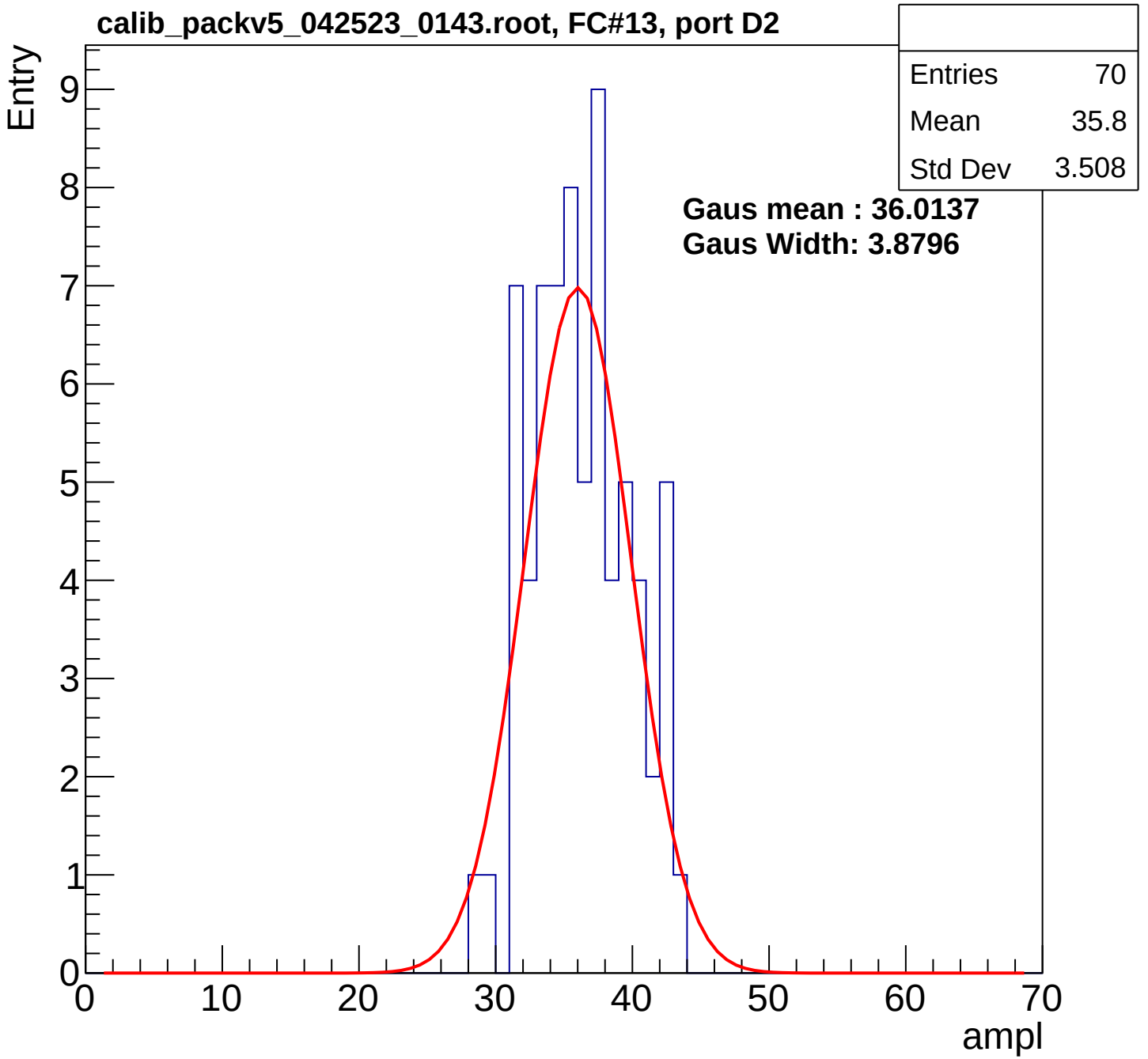
B1L003S, U9-ch48, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 35.8
Std Dev 3.508
Gaus mean : 36.0137
Gaus Width: 3.8796
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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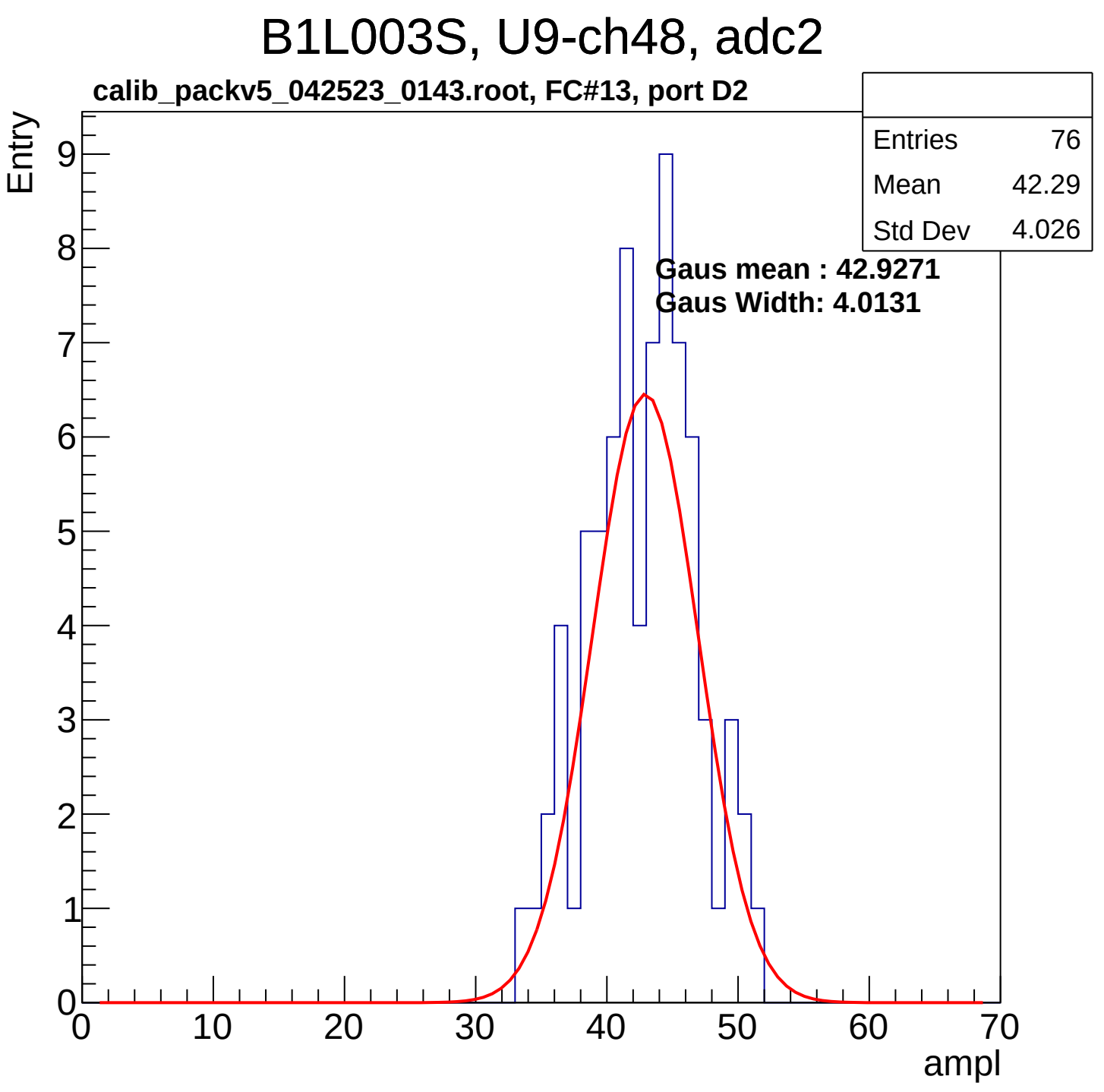
B1L003S, U9-ch48, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 42.29
Std Dev 4.026
Gaus mean : 42.9271
Gaus Width: 4.0131
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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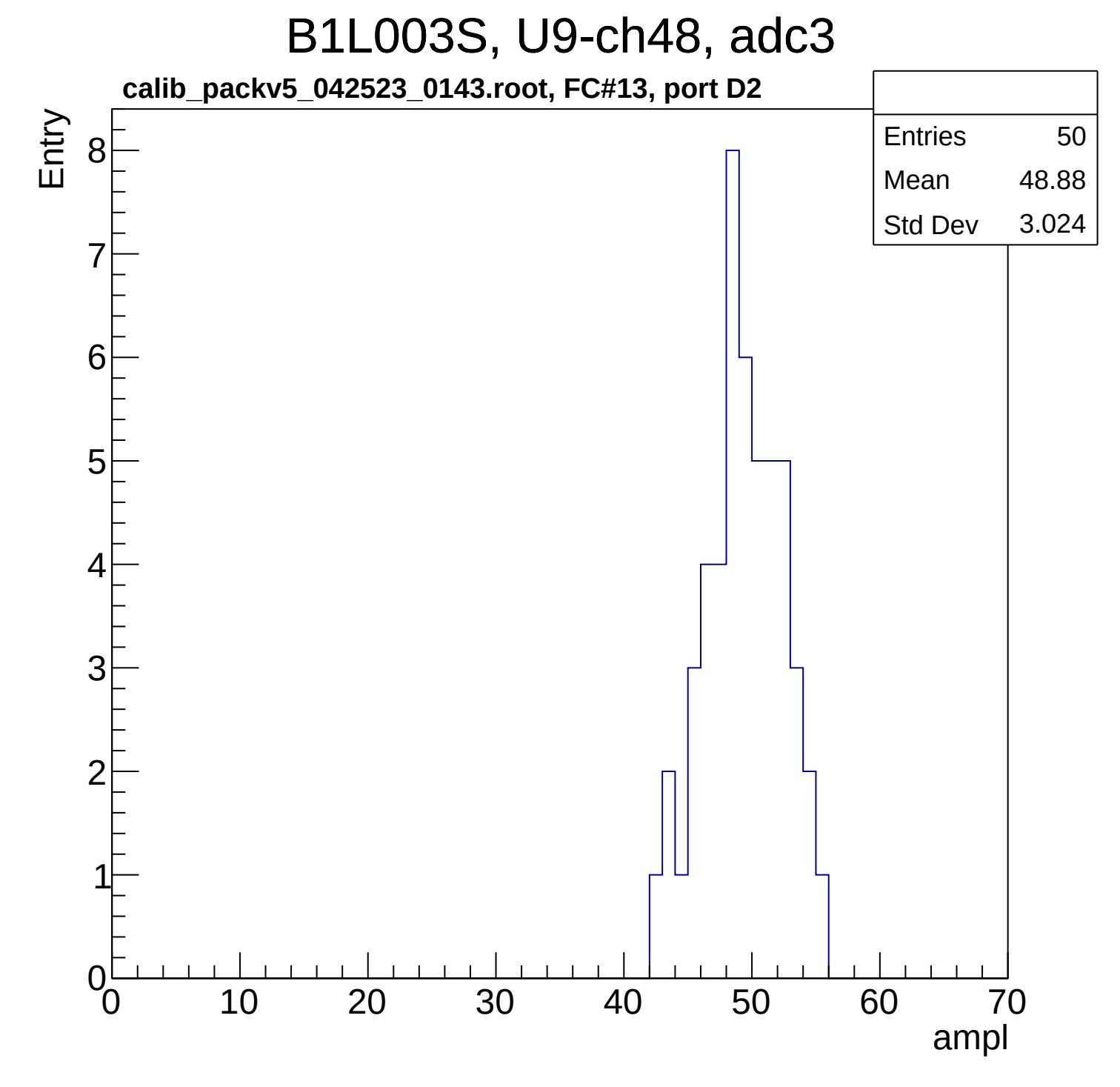
B1L003S, U9-ch48, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 48.88
Std Dev 3.024
Entry
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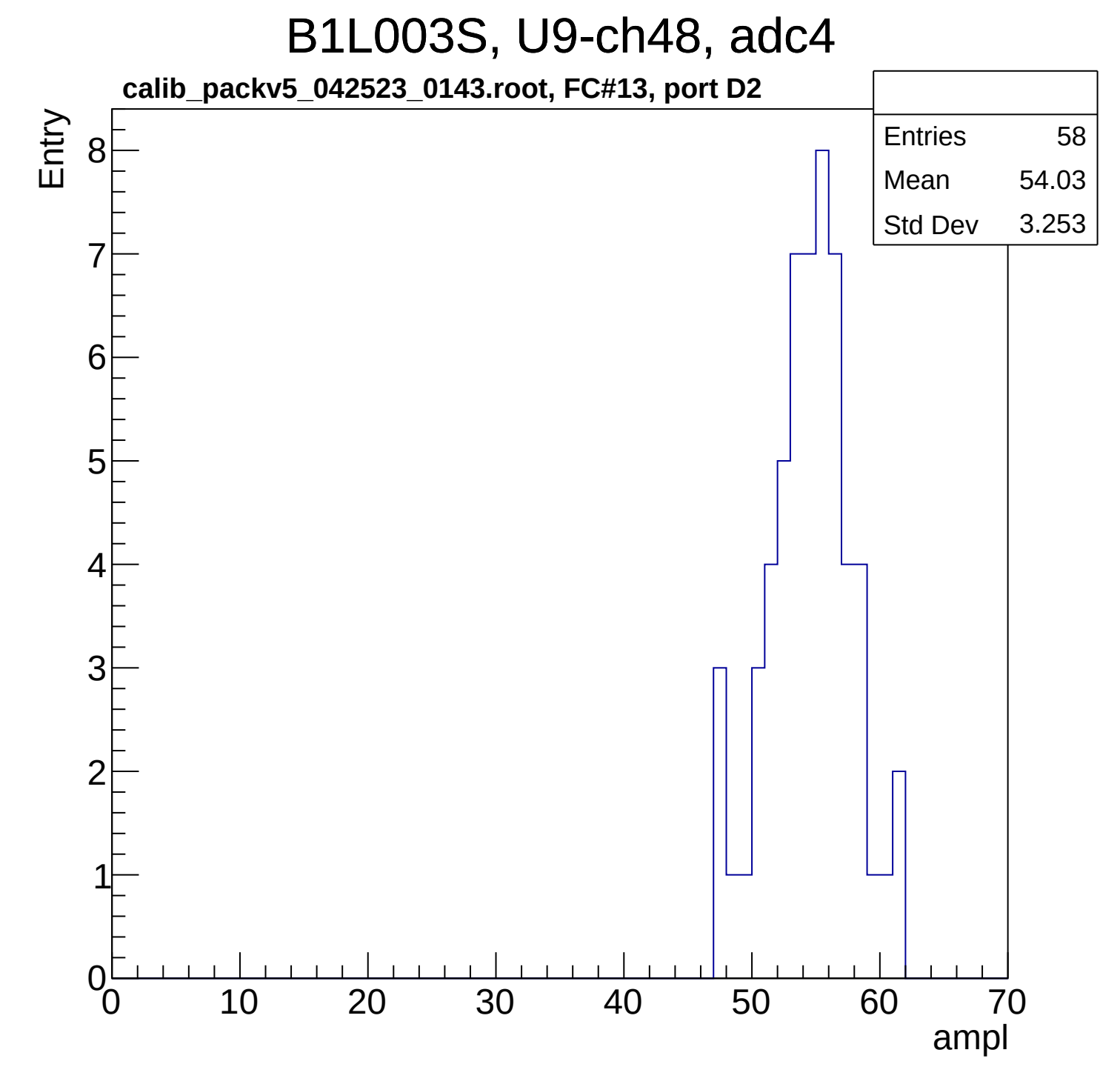
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch48, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 54.03
Std Dev 3.253
Entry
ampl
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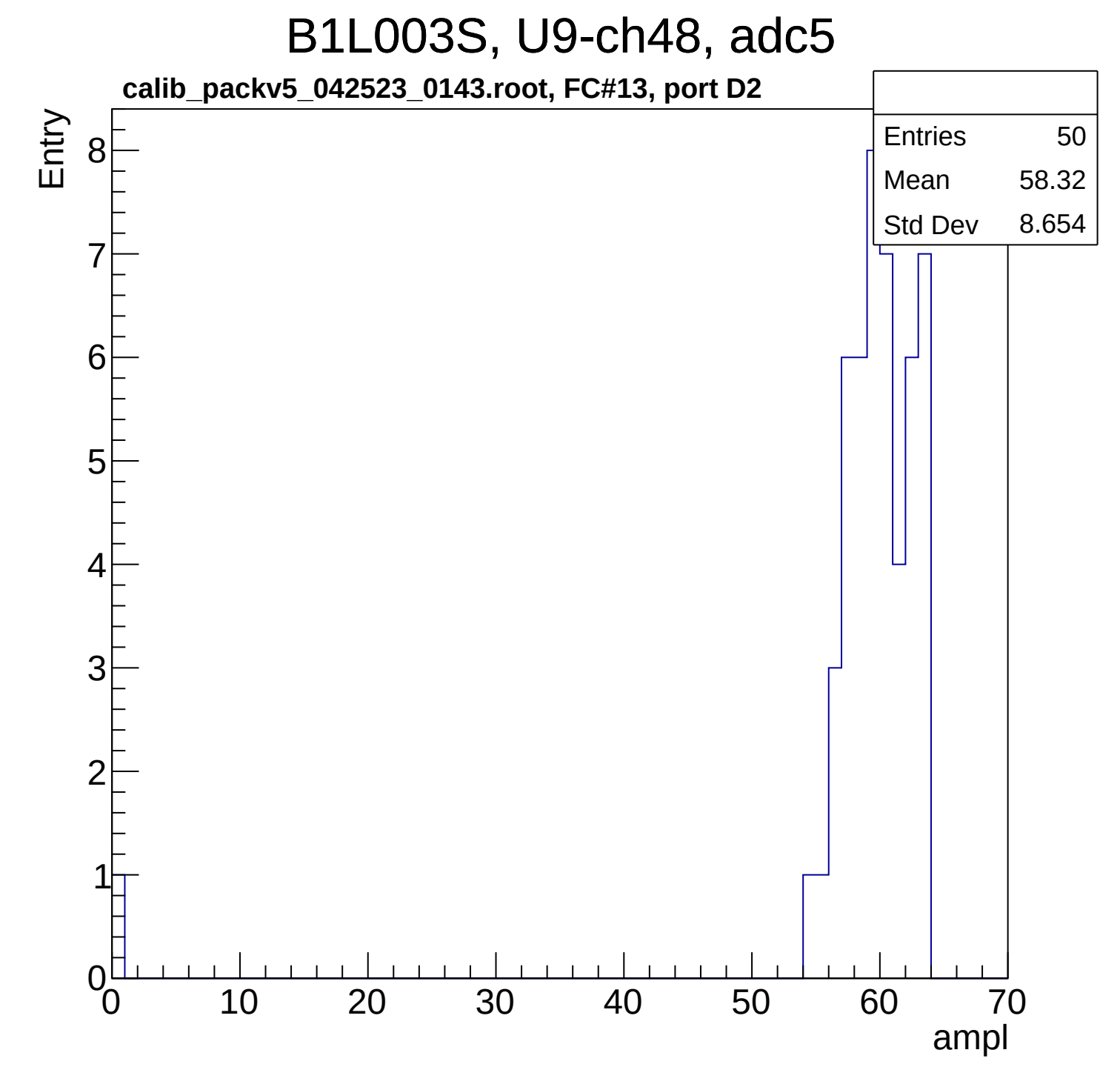
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch48, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 58.32
Std Dev 8.654
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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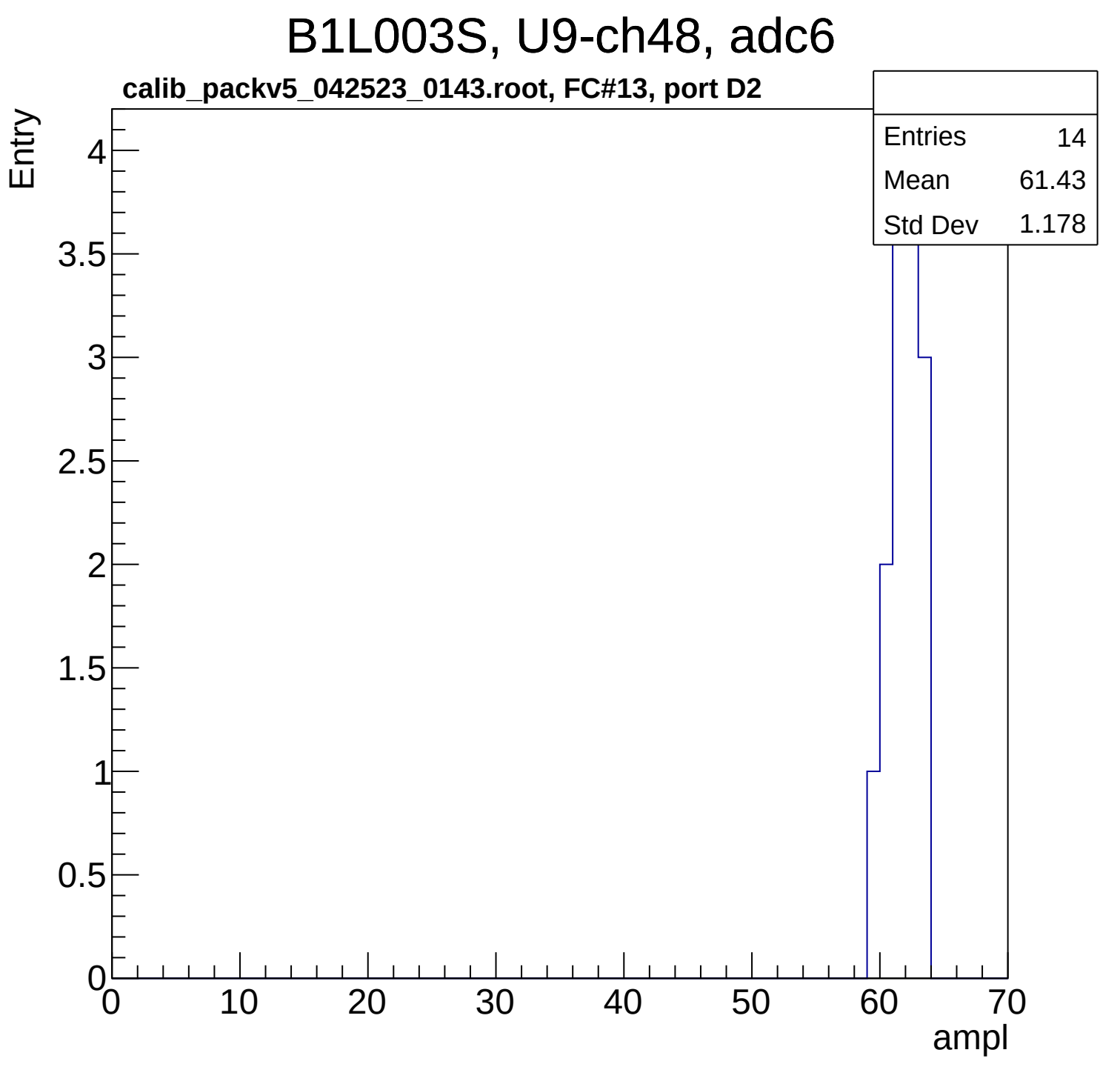
50
60
70


B1L003S, U9-ch48, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 14
Mean 61.43
Std Dev 1.178
Entry
ampl
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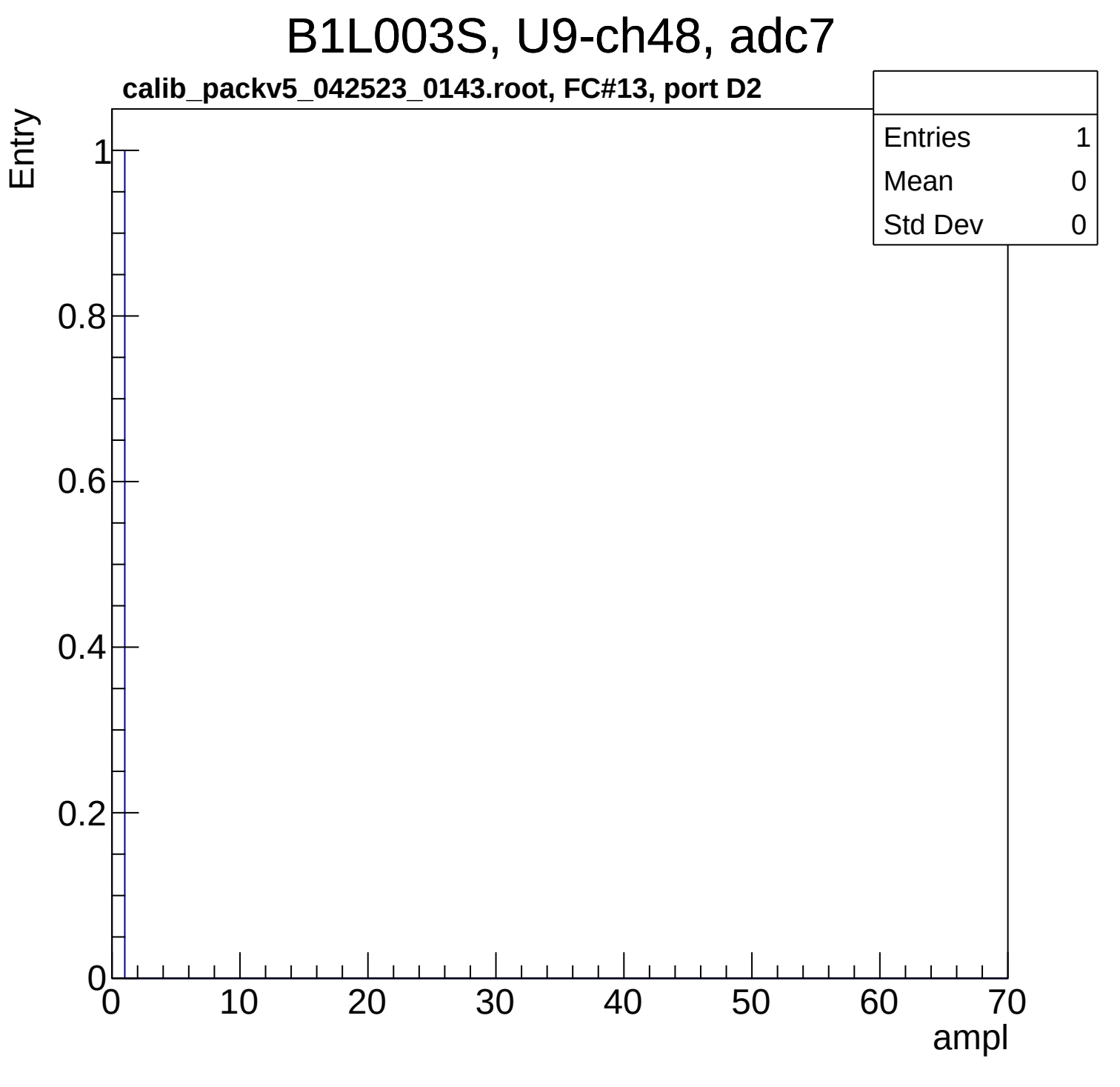
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U9-ch48, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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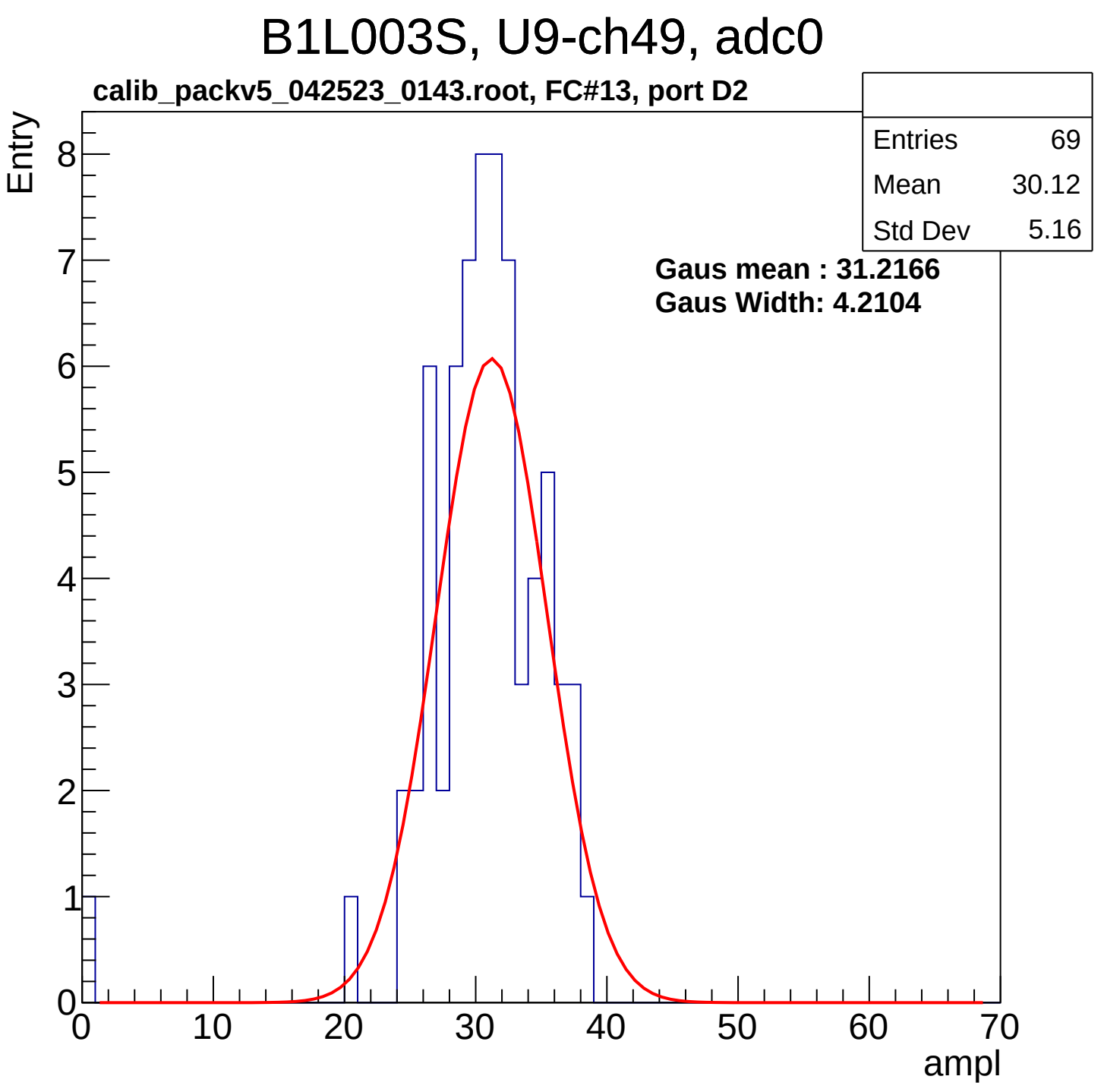
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch49, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 30.12
Std Dev 5.16
Gaus mean : 31.2166
Gaus Width: 4.2104
Entry
ampl
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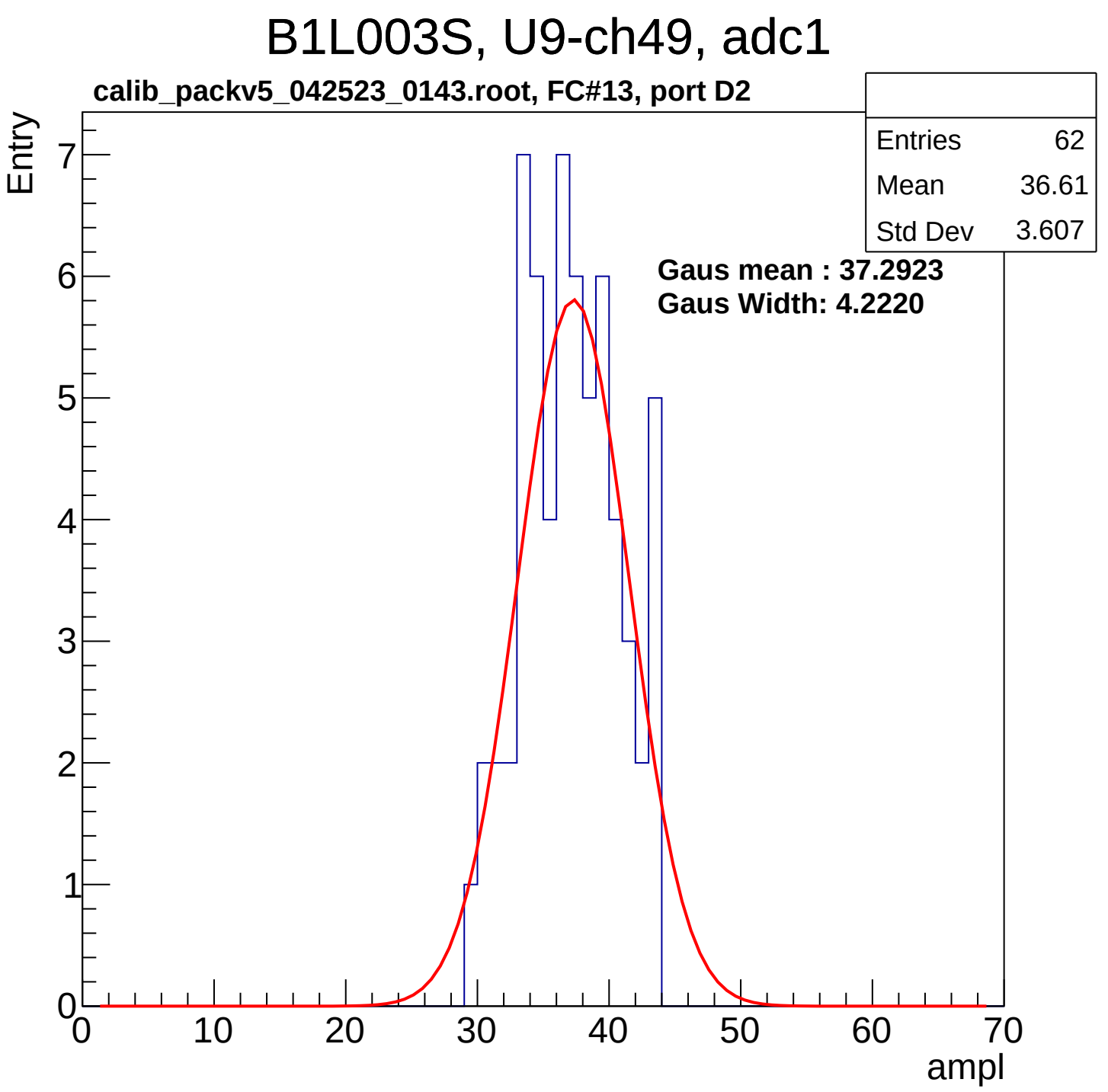
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch49, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 36.61
Std Dev 3.607
Gaus mean : 37.2923
Gaus Width: 4.2220
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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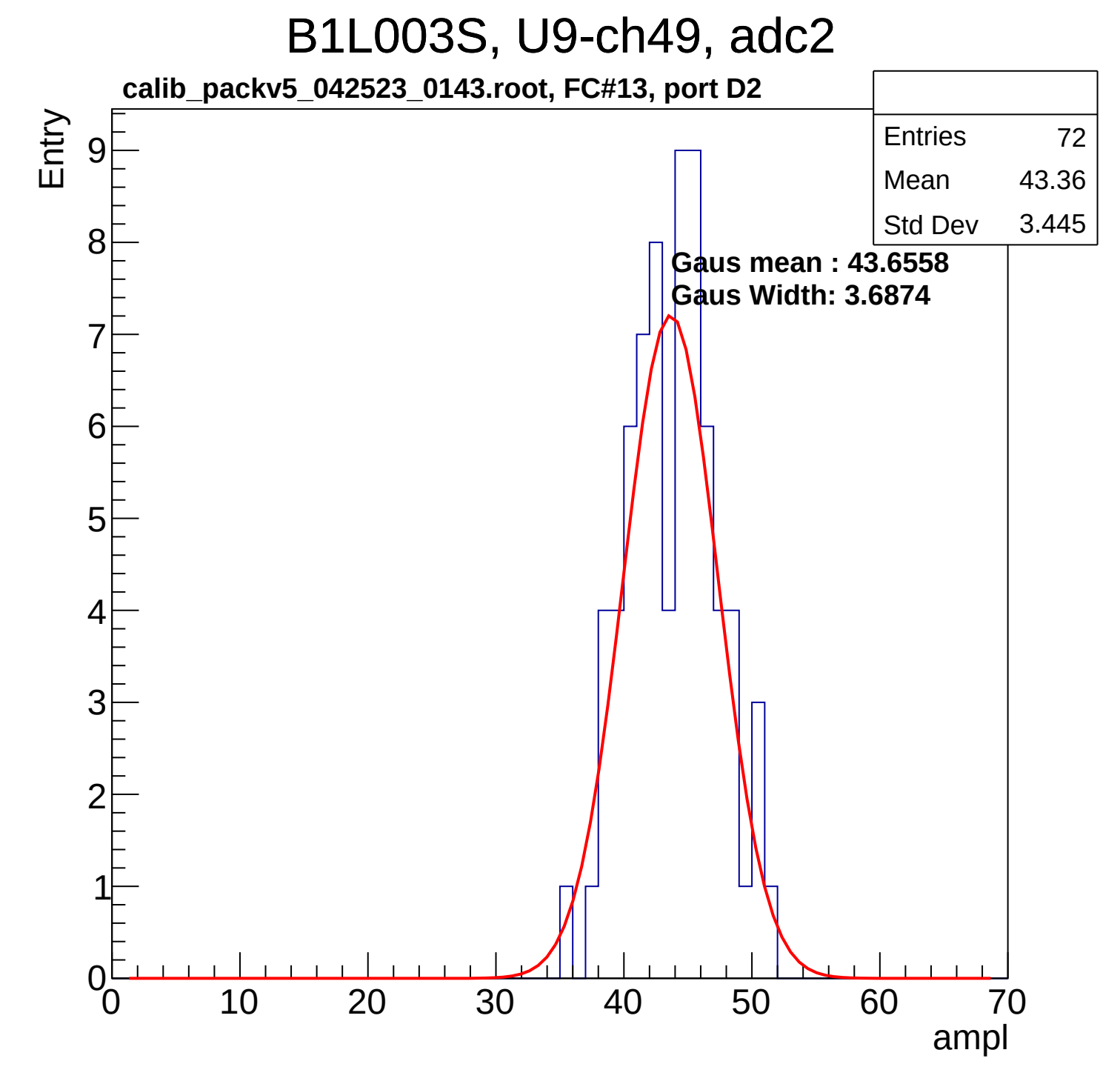
B1L003S, U9-ch49, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 43.36
Std Dev 3.445
Gaus mean : 43.6558
Gaus Width: 3.6874
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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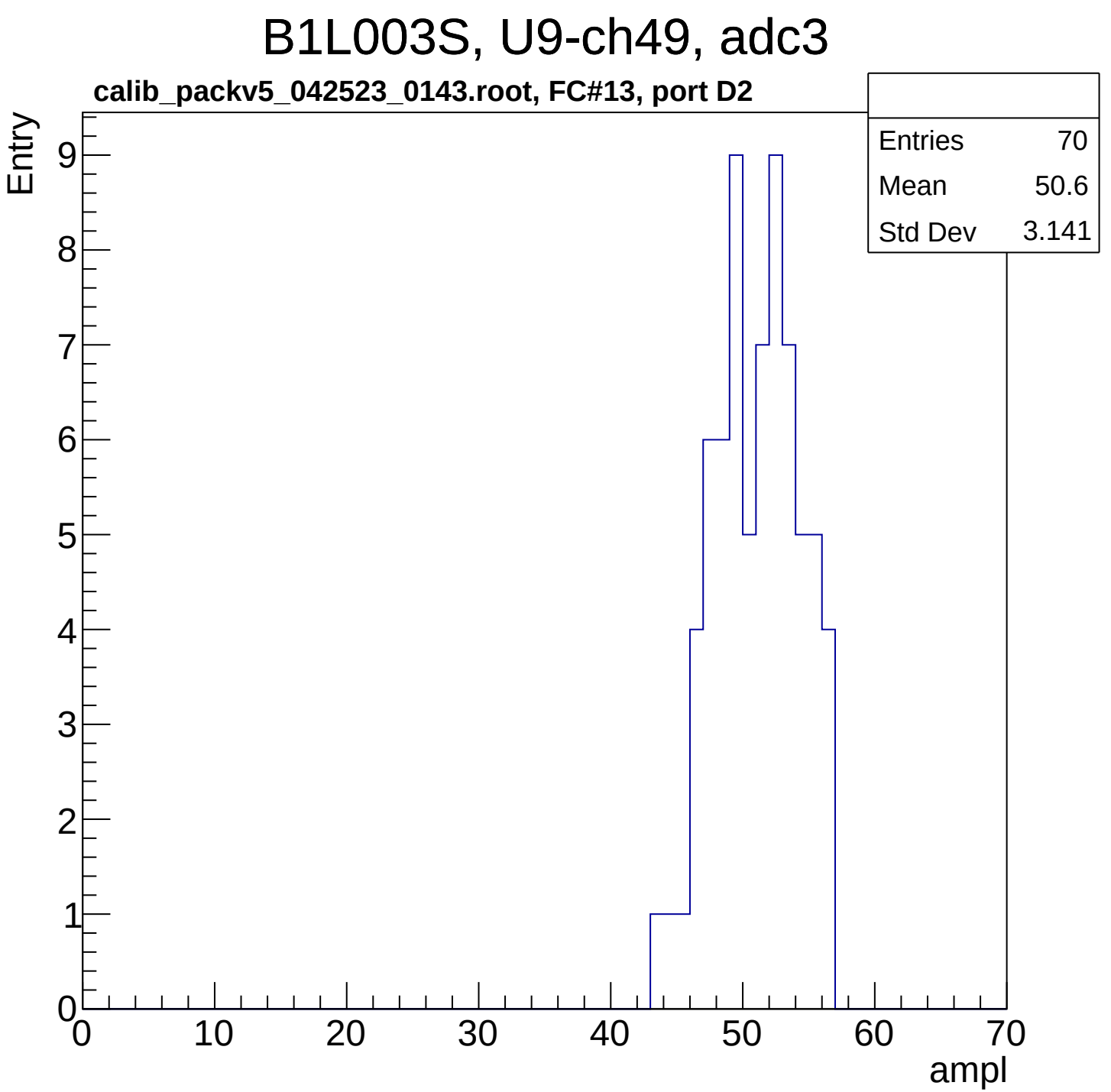
B1L003S, U9-ch49, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 50.6
Std Dev 3.141
Entry
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3
4
5
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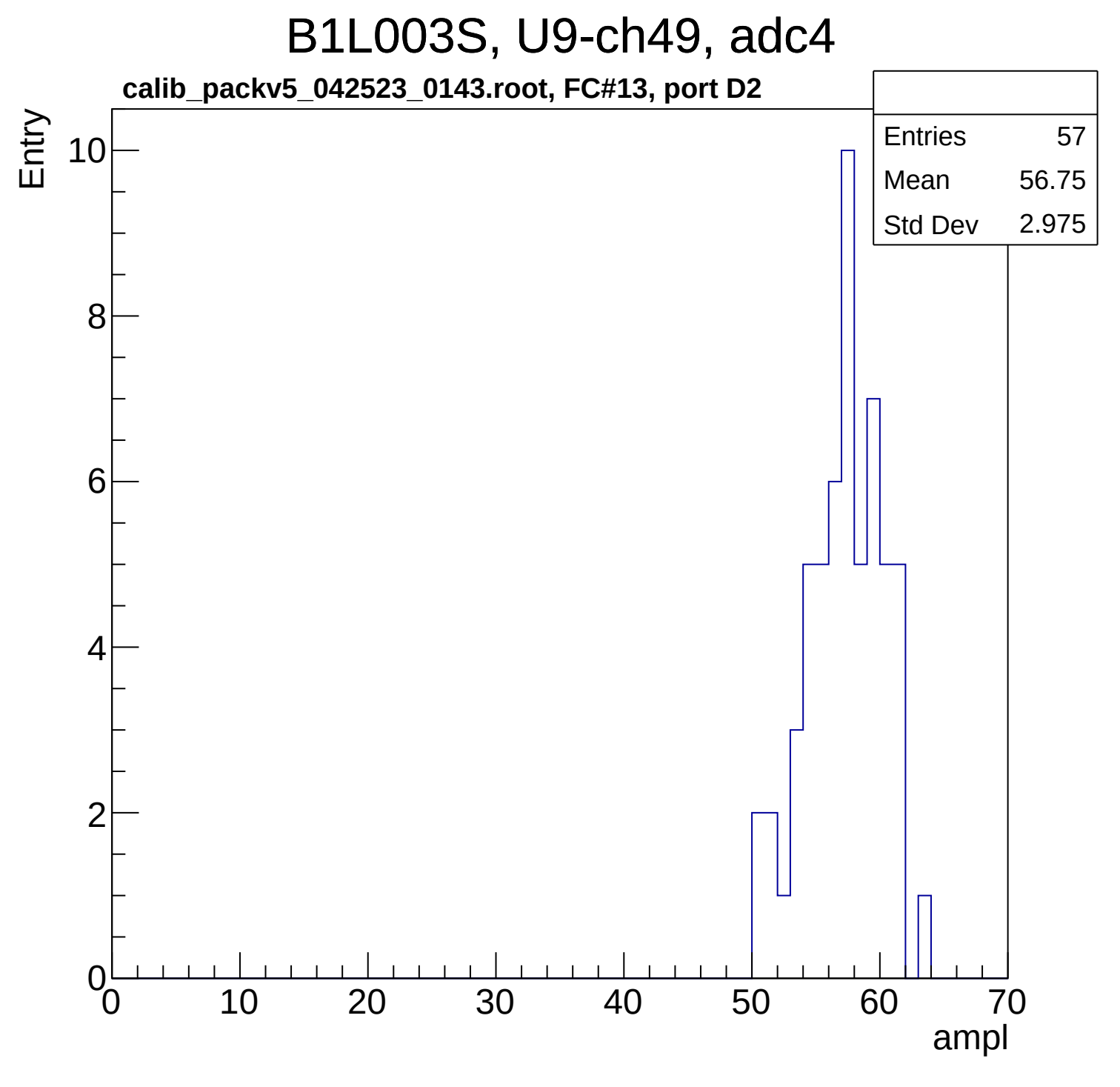
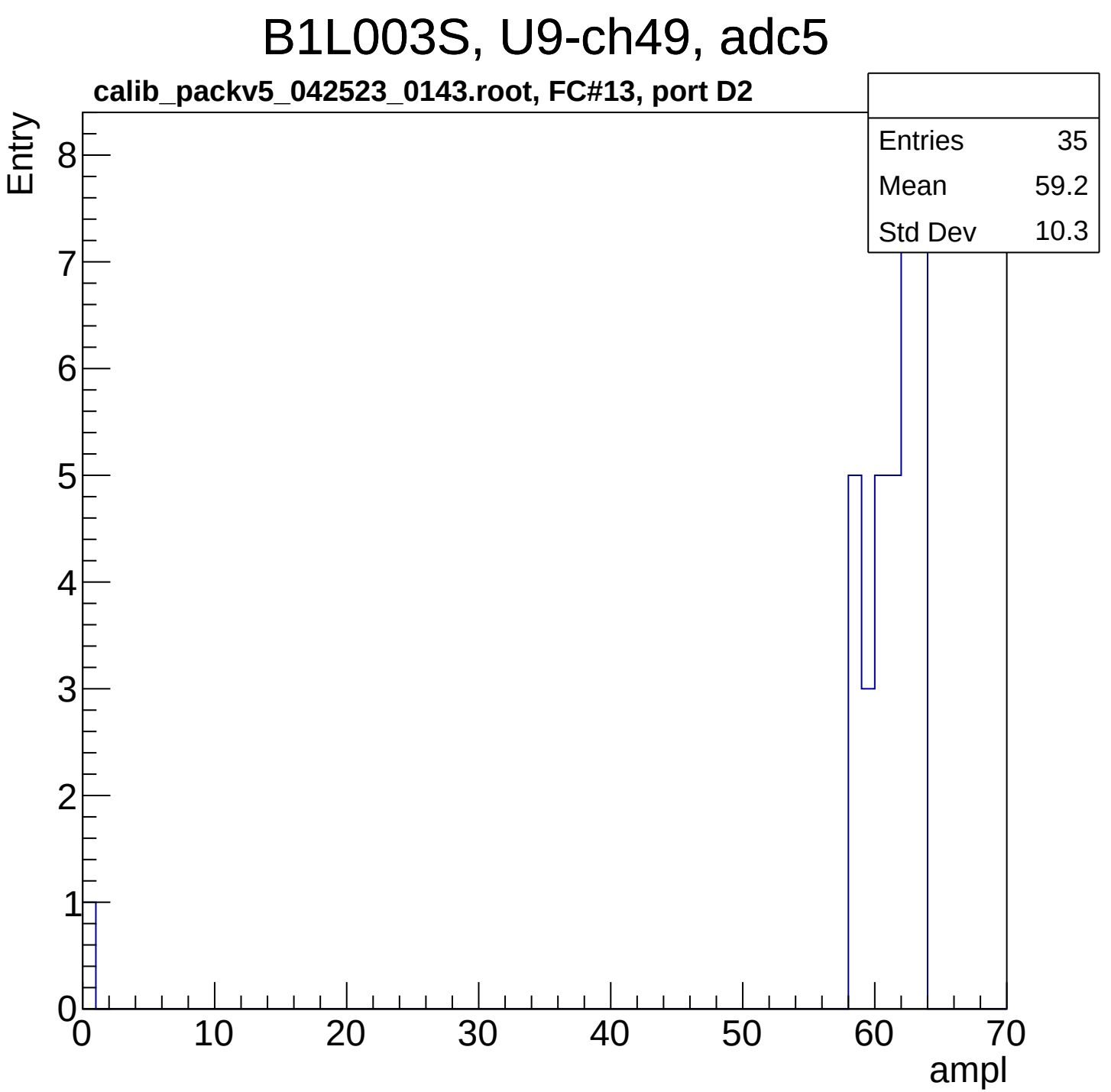
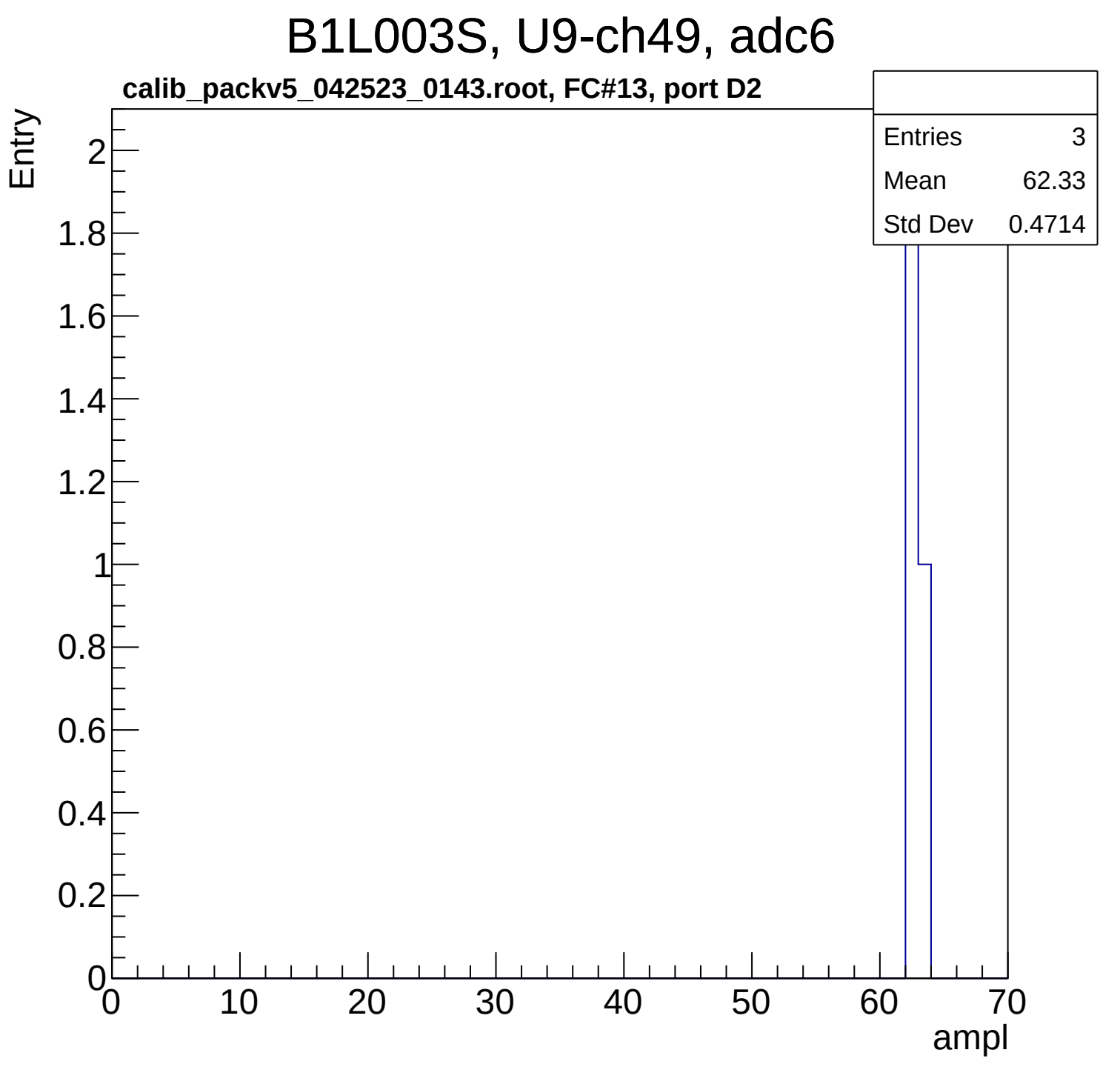
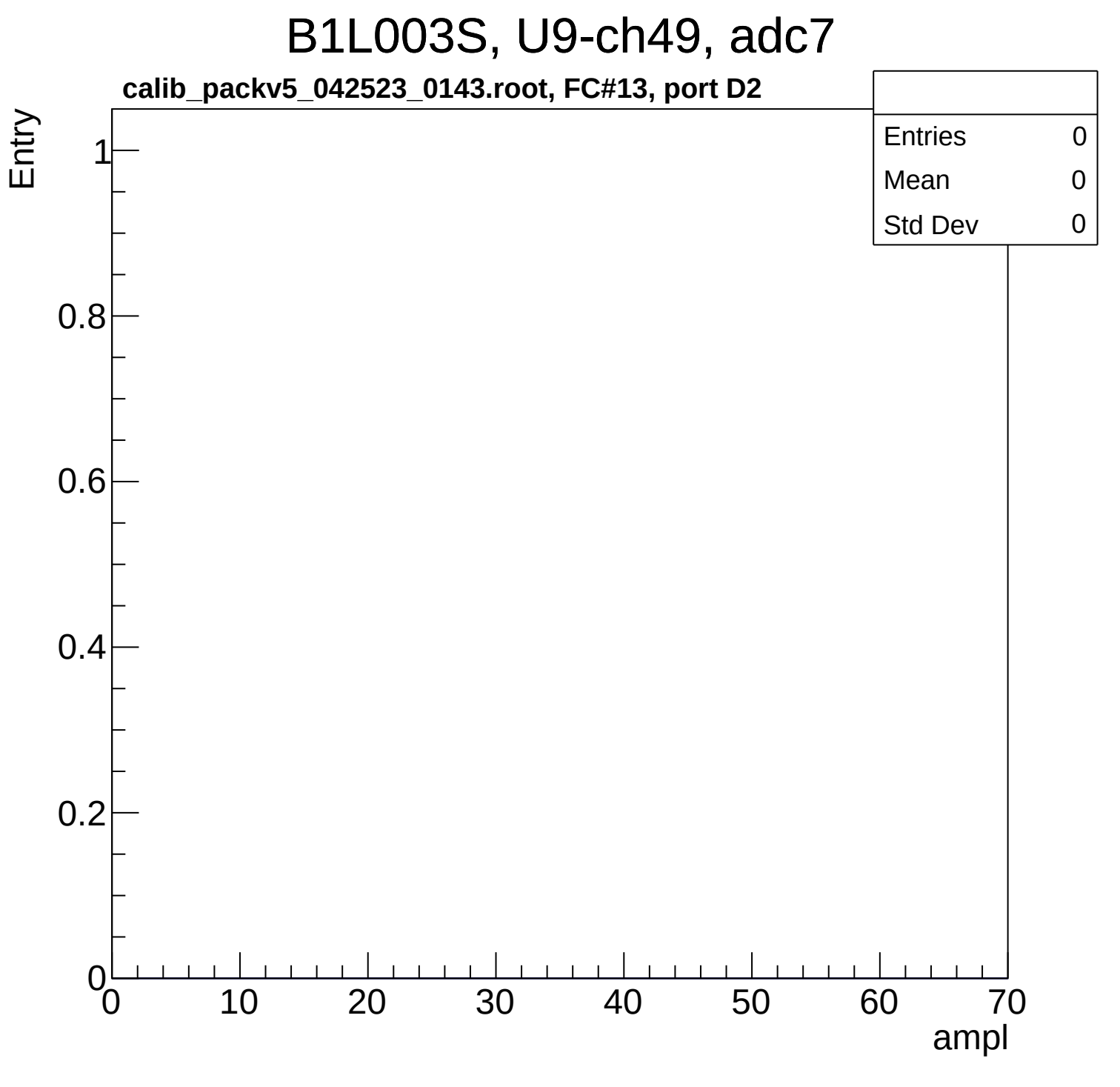
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch49, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 56.75
Std Dev 2.975
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch49, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 59.2
Std Dev 10.3
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch49, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch49, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
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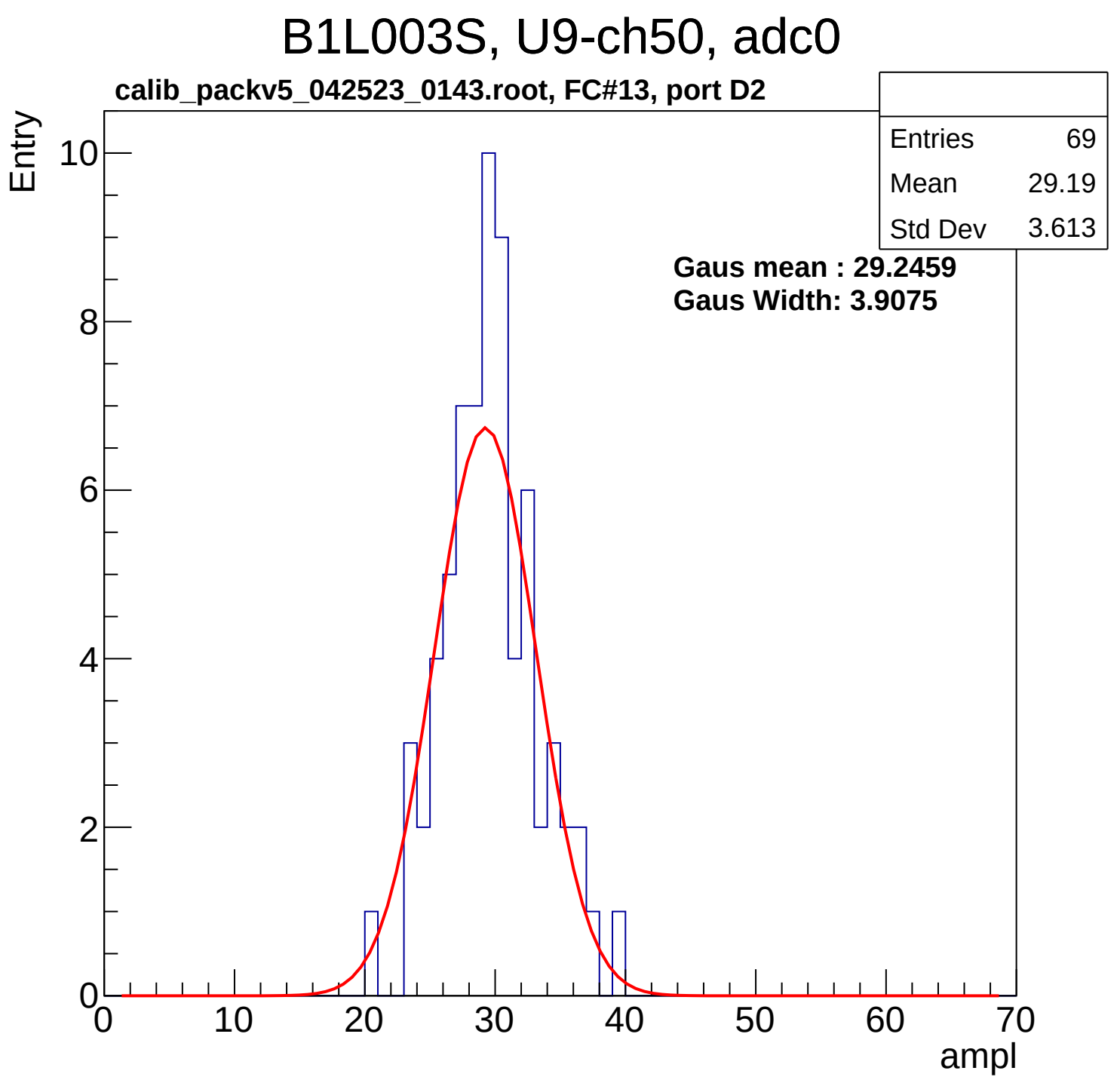
ampl


B1L003S, U9-ch50, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 29.19
Std Dev 3.613
Gaus mean : 29.2459
Gaus Width: 3.9075
Entry
ampl
0
2
4
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8
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0
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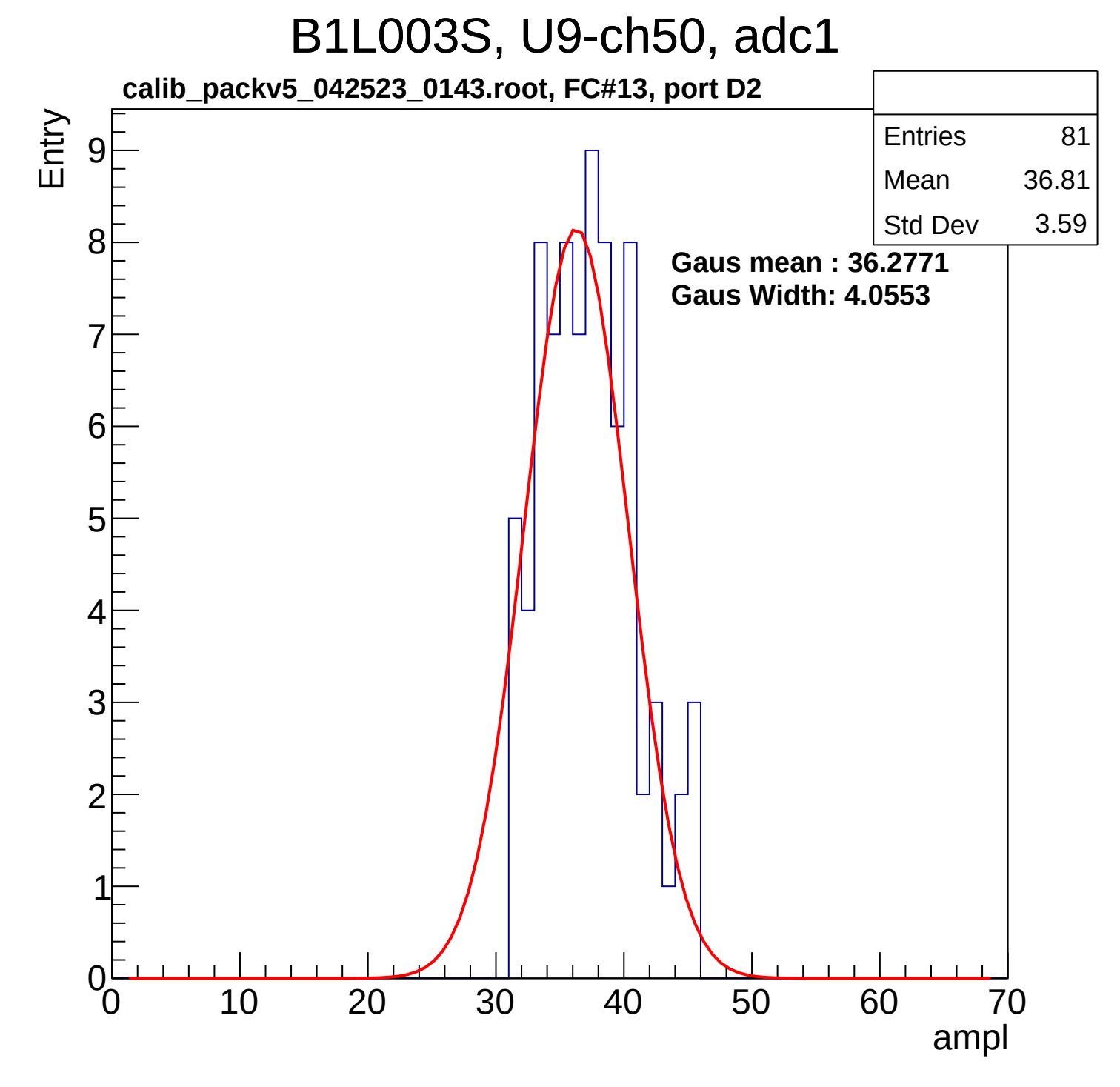
B1L003S, U9-ch50, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 36.81
Std Dev 3.59
Gaus mean : 36.2771
Gaus Width: 4.0553
Entry
ampl
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1
2
3
4
5
6
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8
9
0
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60
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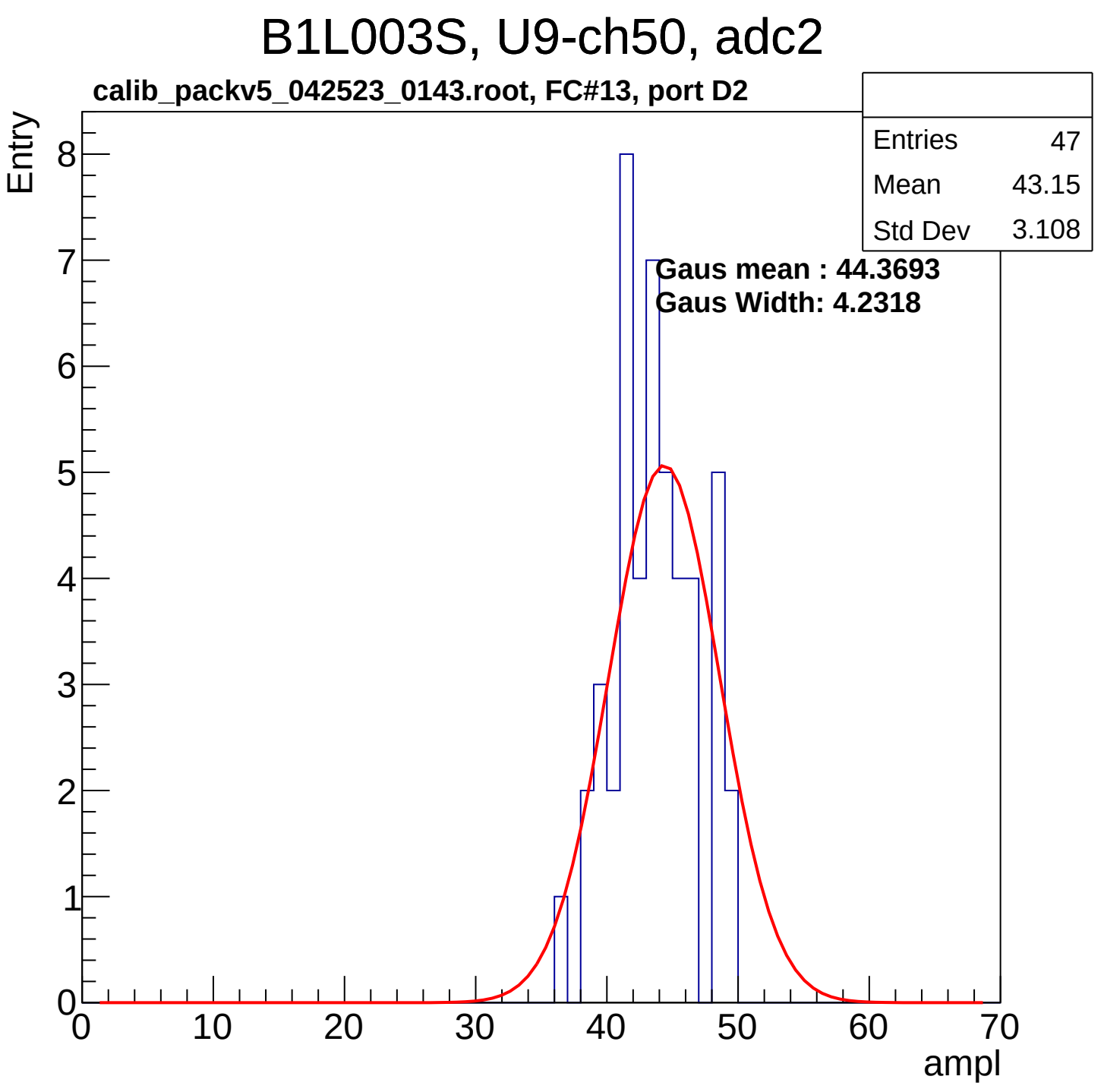
B1L003S, U9-ch50, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 43.15
Std Dev 3.108
Gaus mean : 44.3693
Gaus Width: 4.2318
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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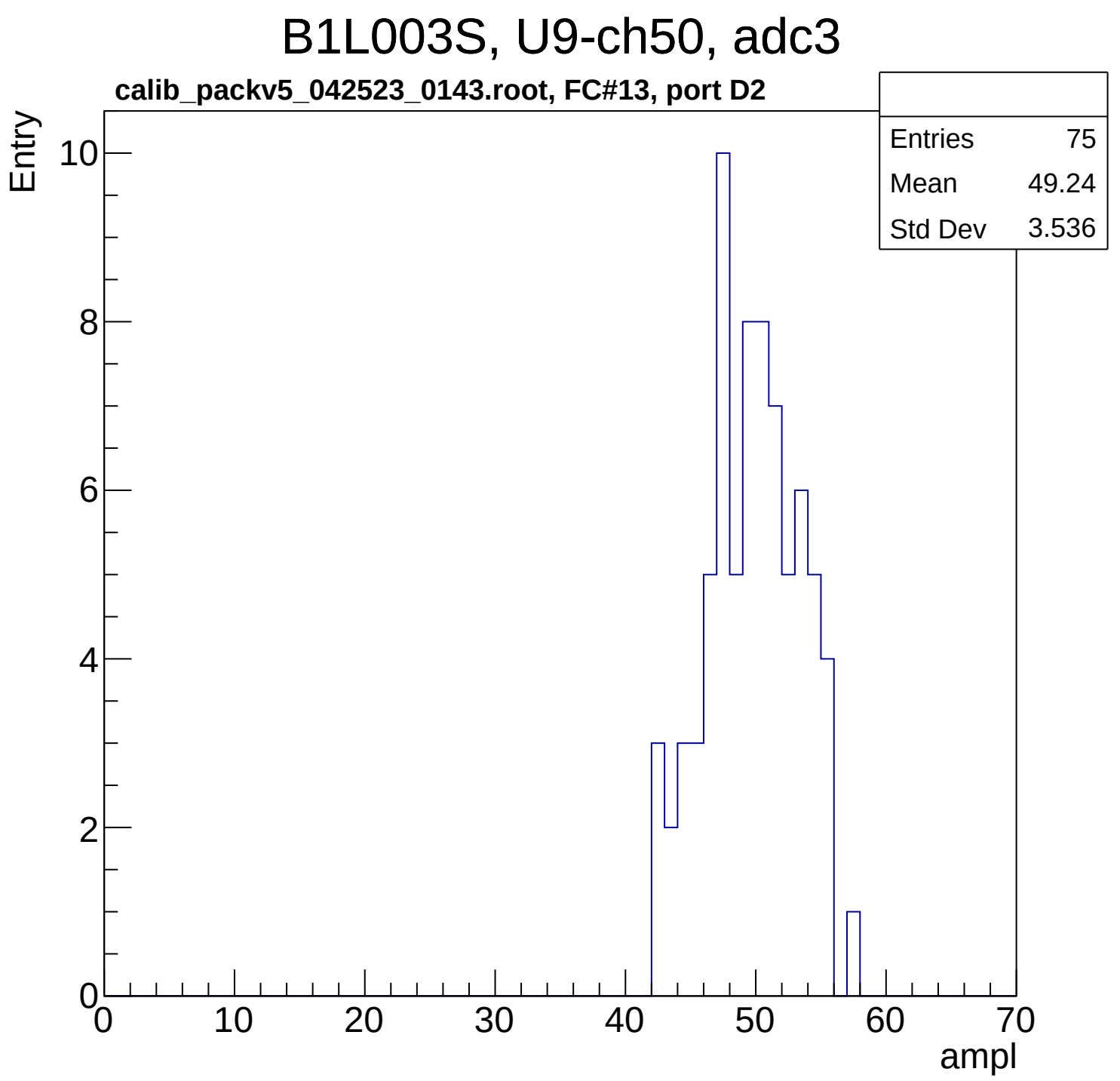
B1L003S, U9-ch50, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 49.24
Std Dev 3.536
Entry
ampl
0
2
4
6
8
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0
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40
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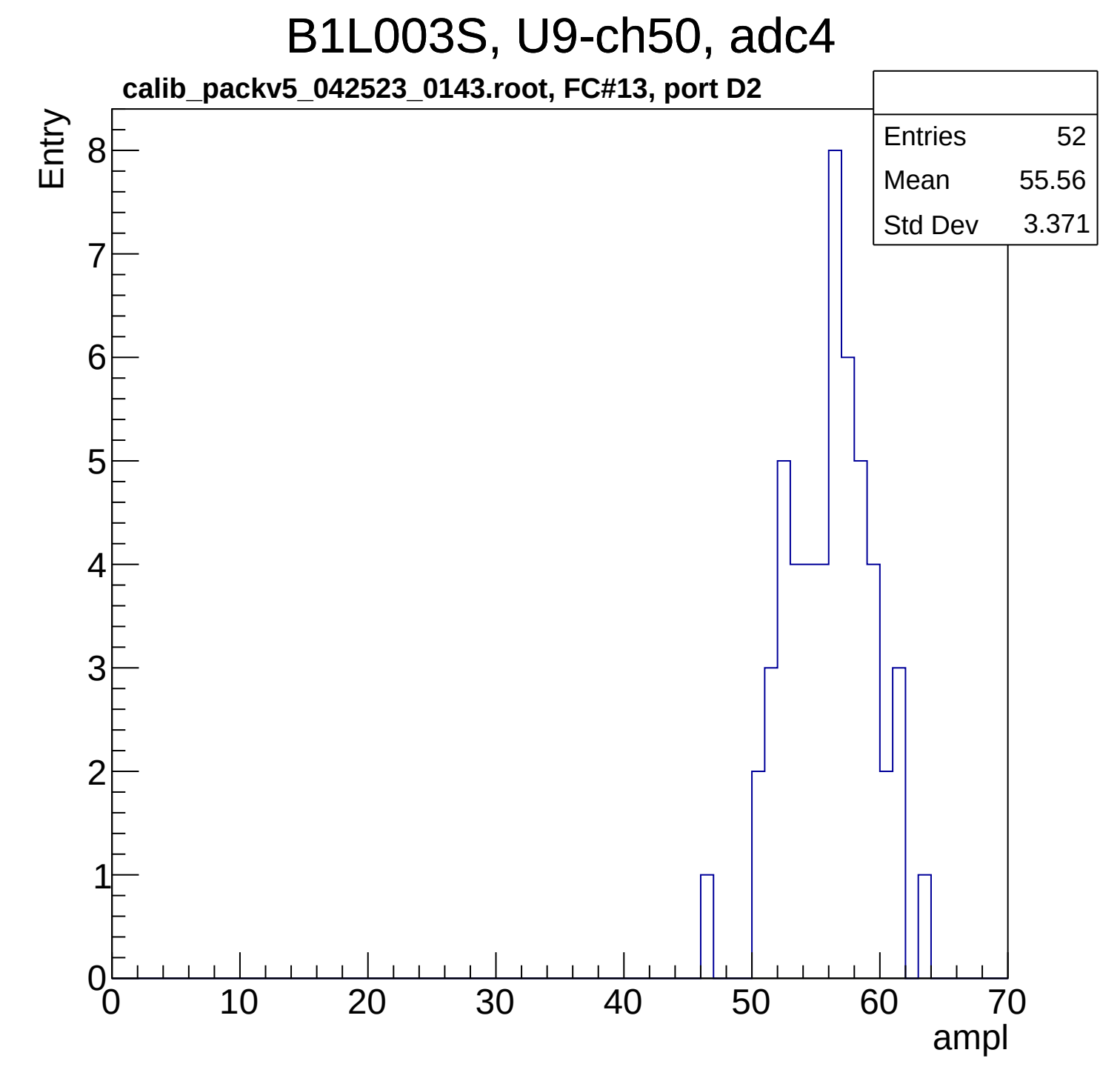
B1L003S, U9-ch50, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 55.56
Std Dev 3.371
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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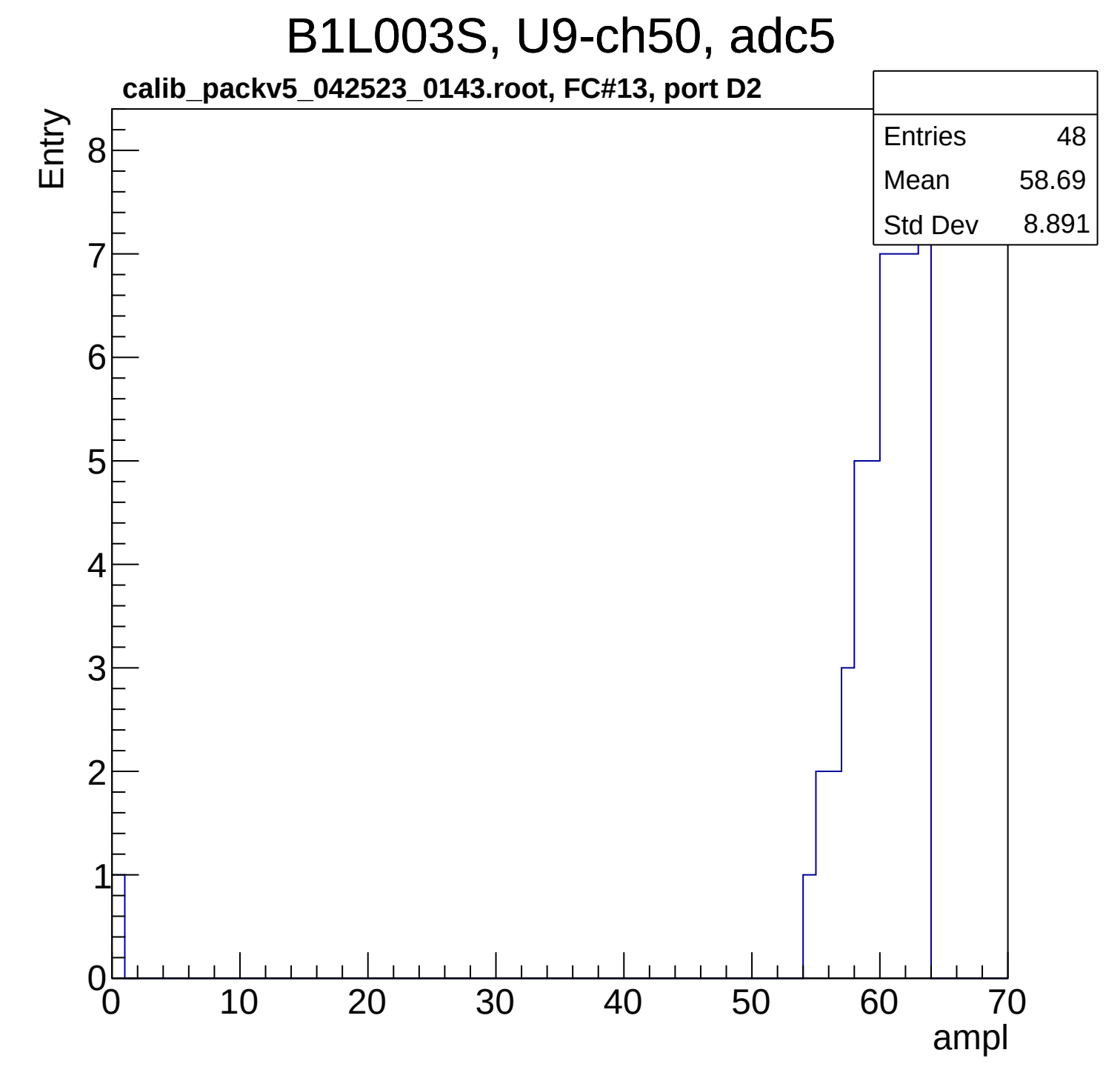
B1L003S, U9-ch50, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 58.69
Std Dev 8.891
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
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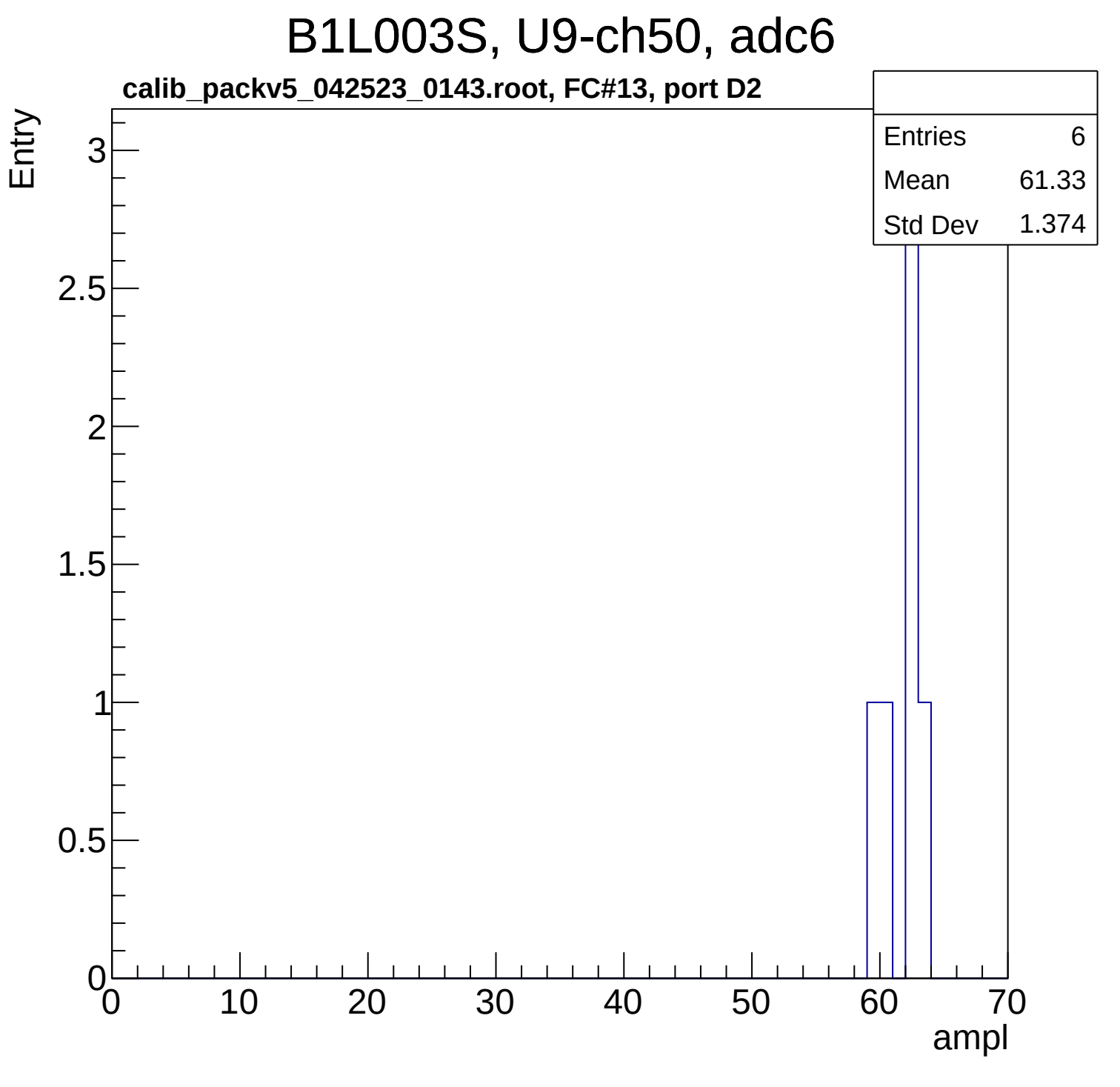
50
60
70
ampl


B1L003S, U9-ch50, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 61.33
Std Dev 1.374
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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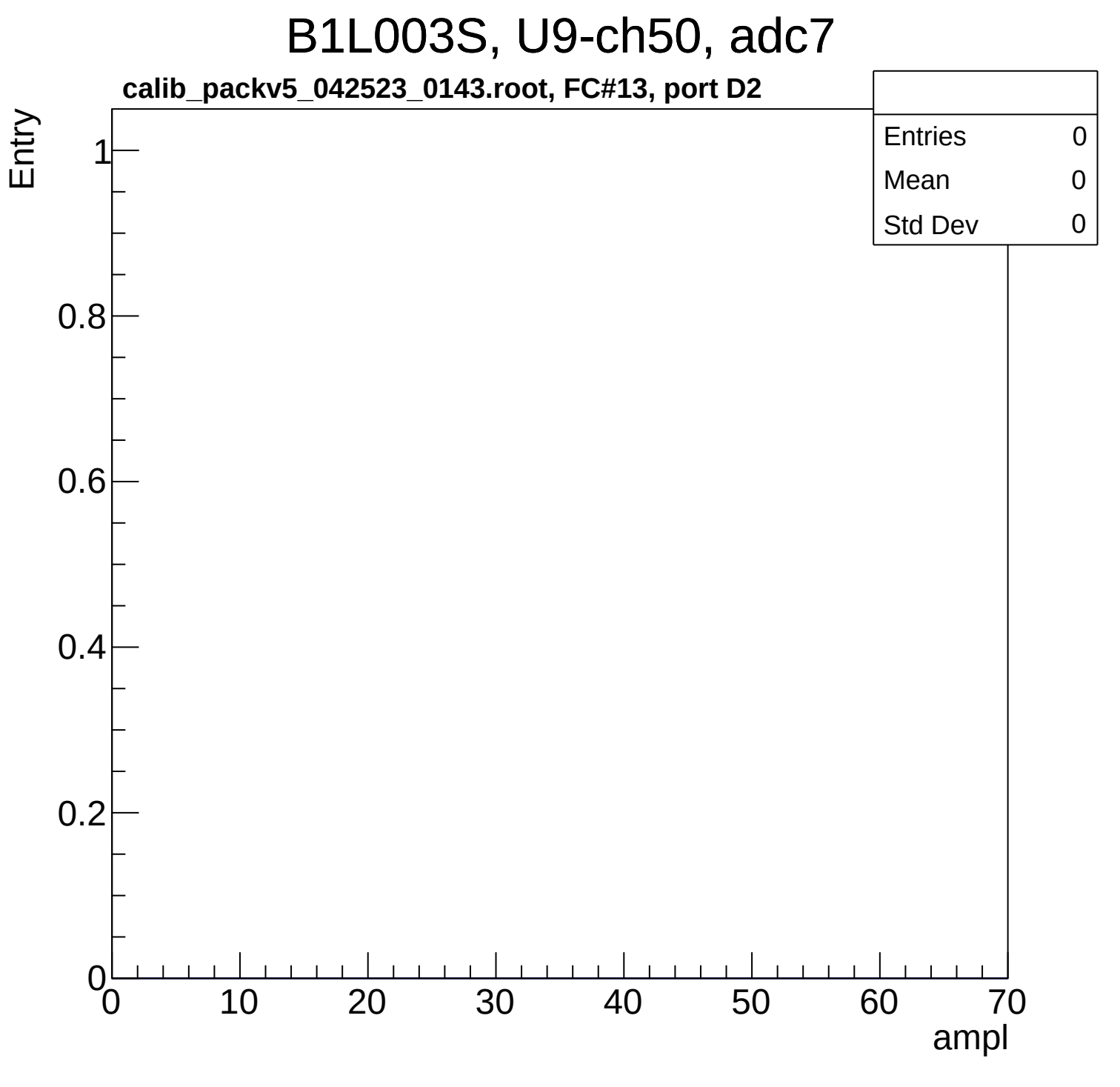
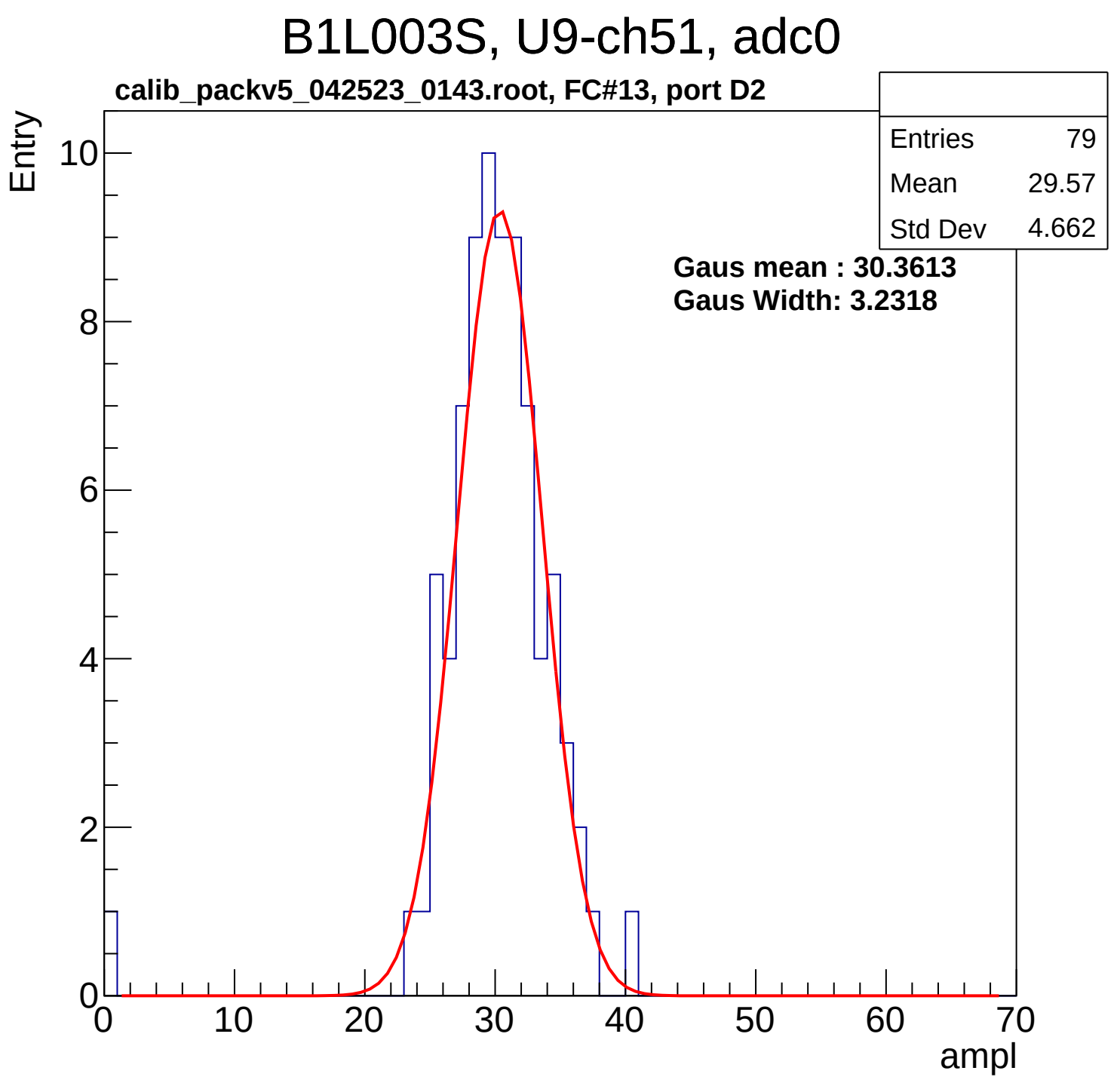
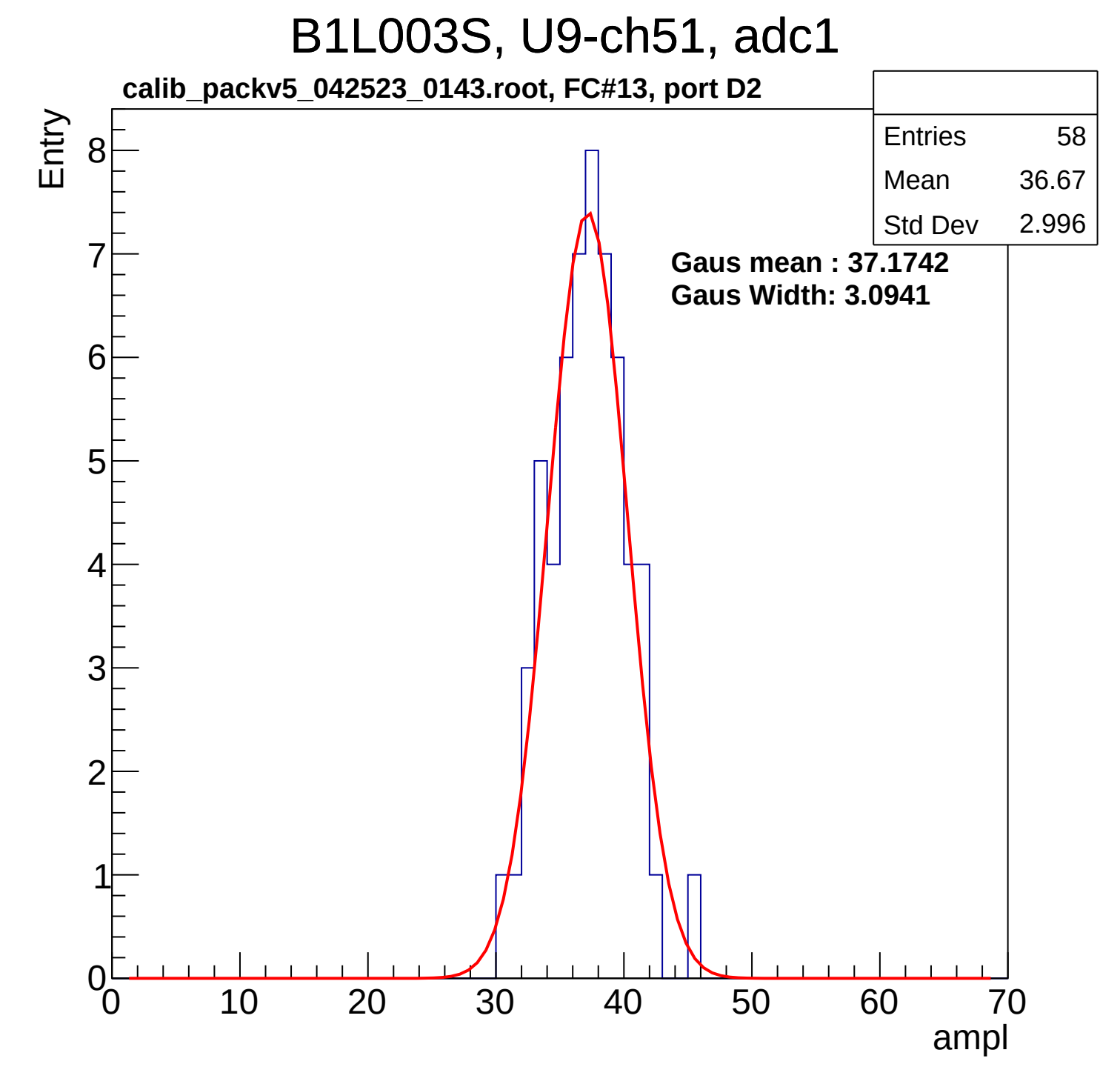
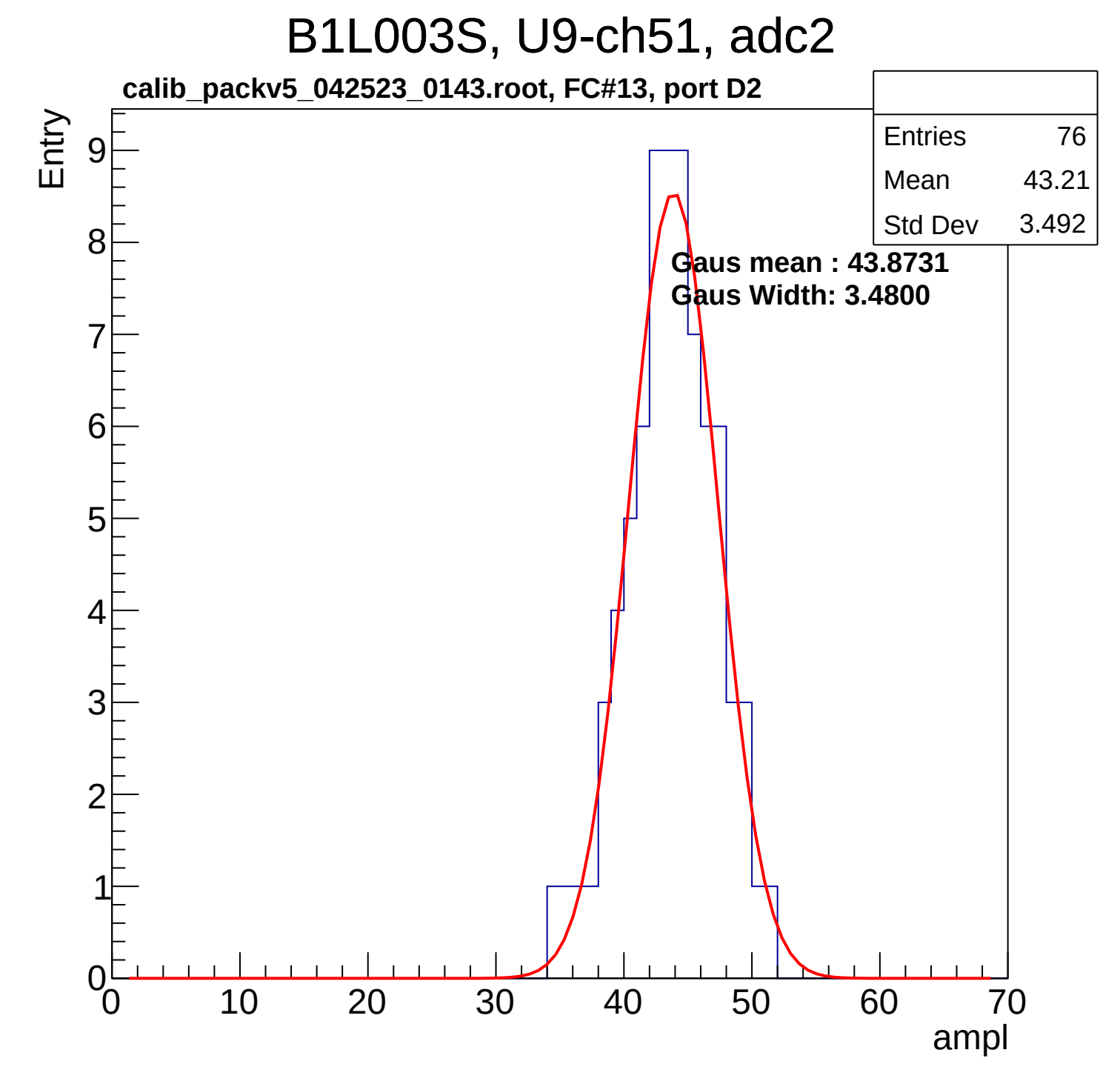

B1L003S, U9-ch50, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch51, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 29.57
Std Dev 4.662
Gaus mean : 30.3613
Gaus Width: 3.2318
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch51, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 36.67
Std Dev 2.996
Gaus mean : 37.1742
Gaus Width: 3.0941
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch51, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 43.21
Std Dev 3.492
Gaus mean : 43.8731
Gaus Width: 3.4800
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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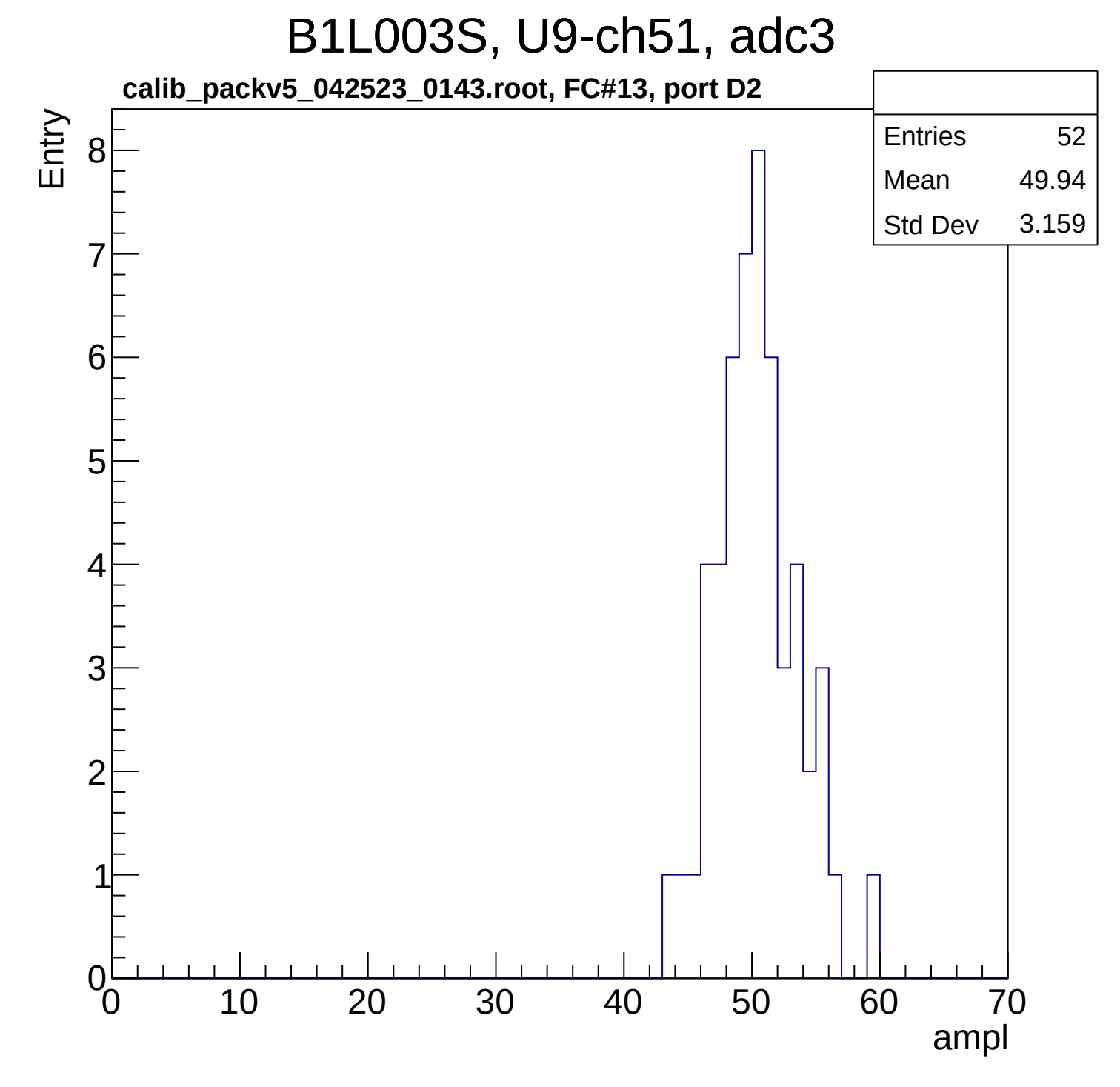
B1L003S, U9-ch51, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 49.94
Std Dev 3.159
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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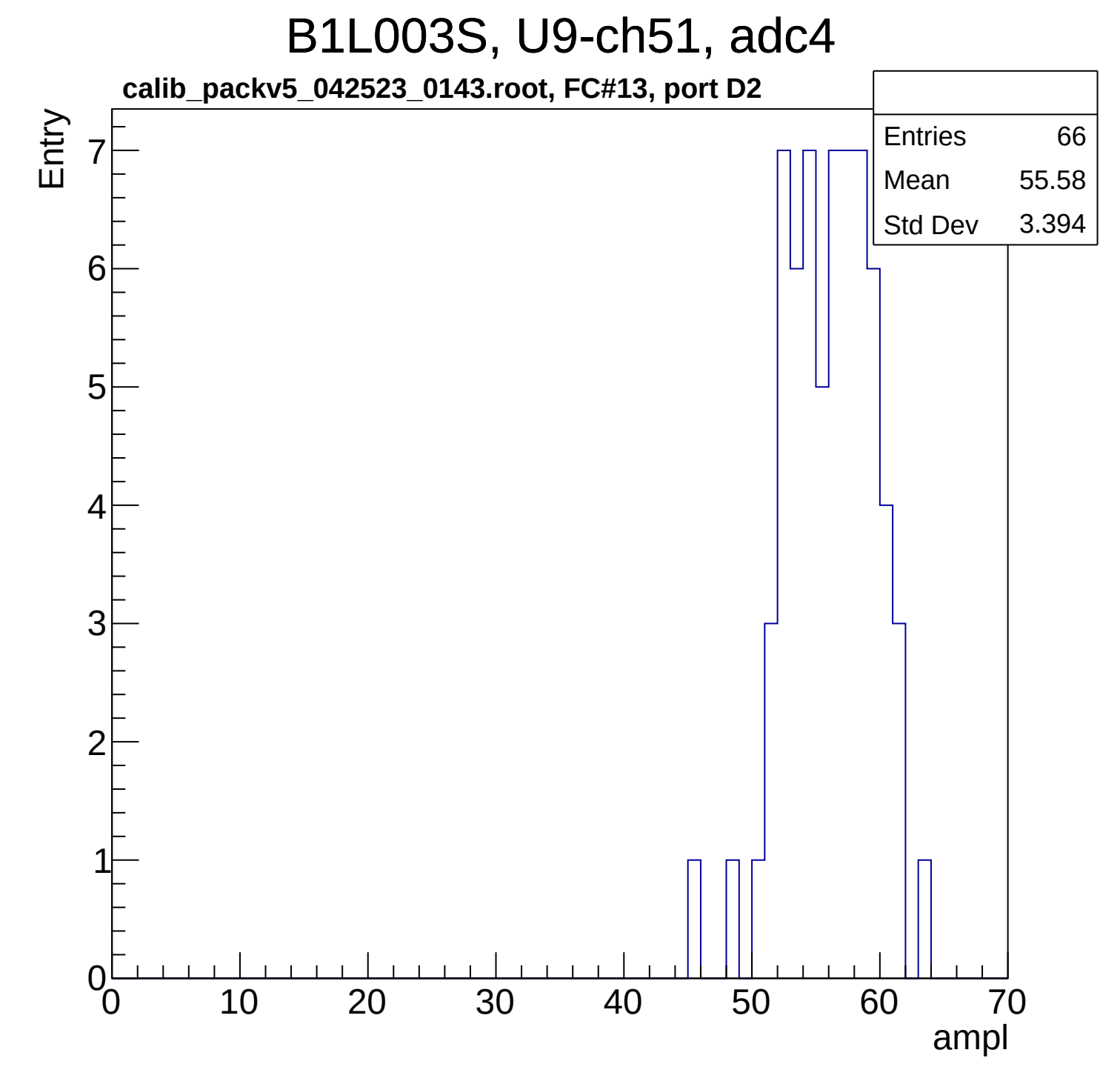
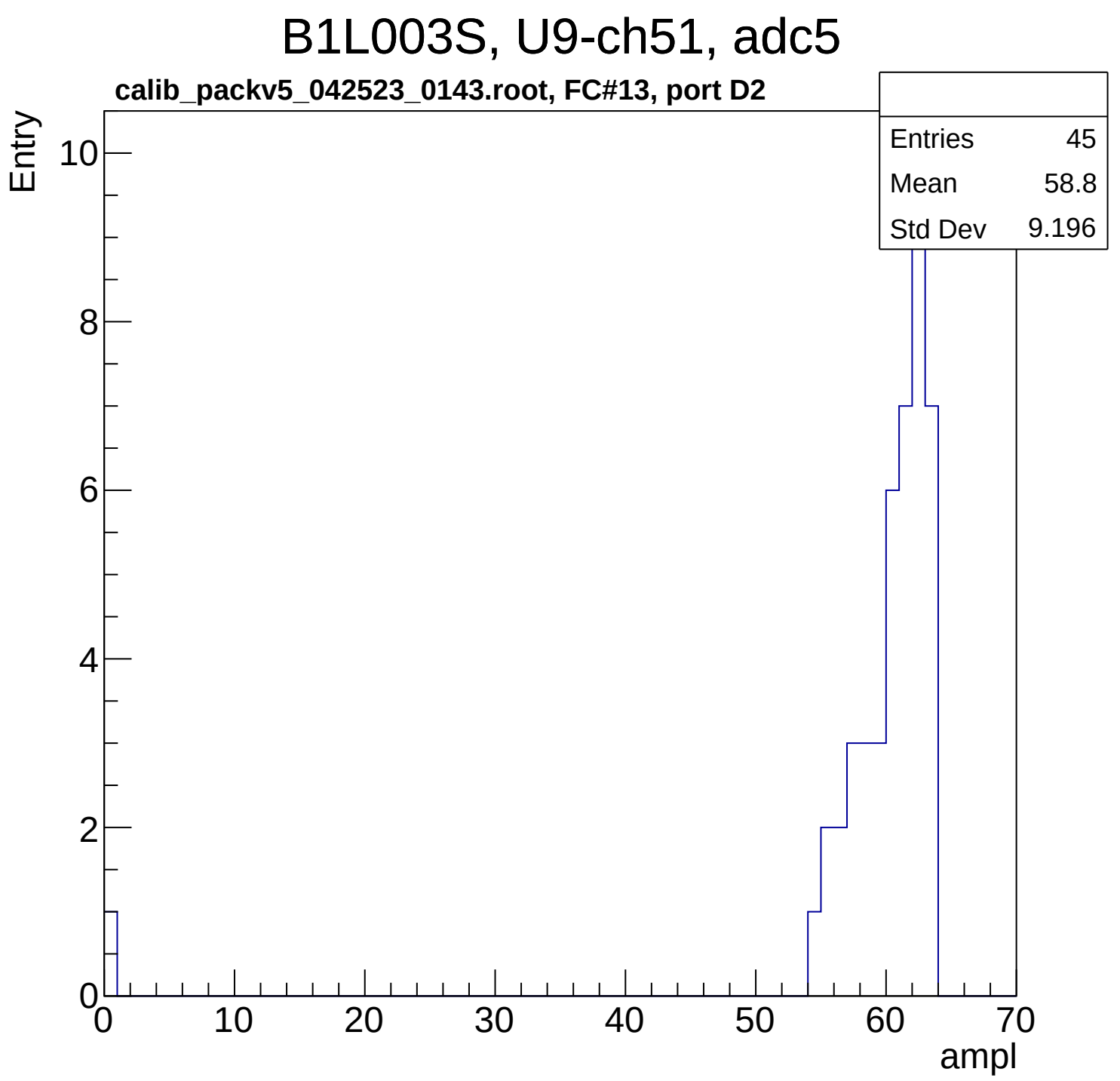
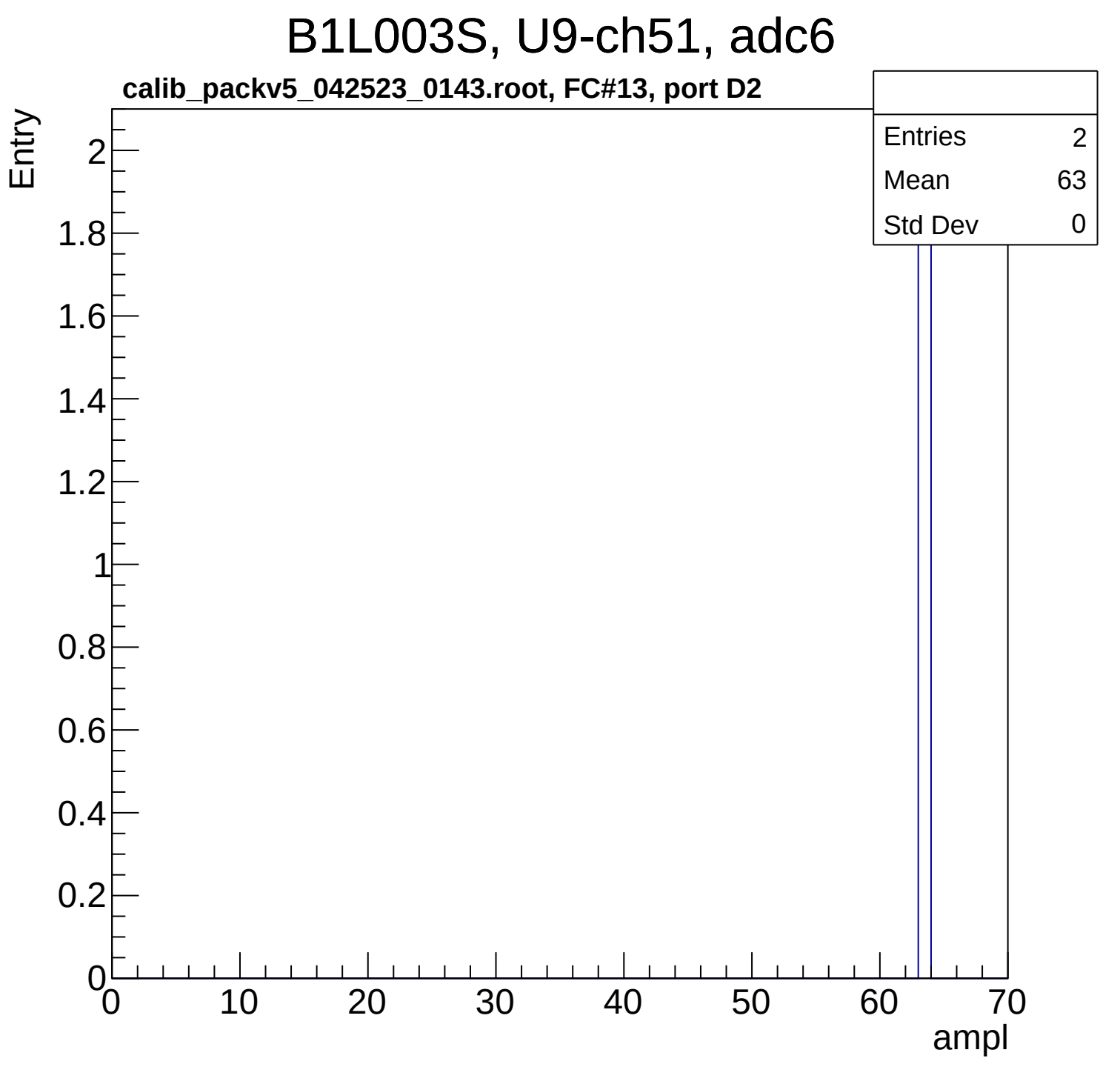
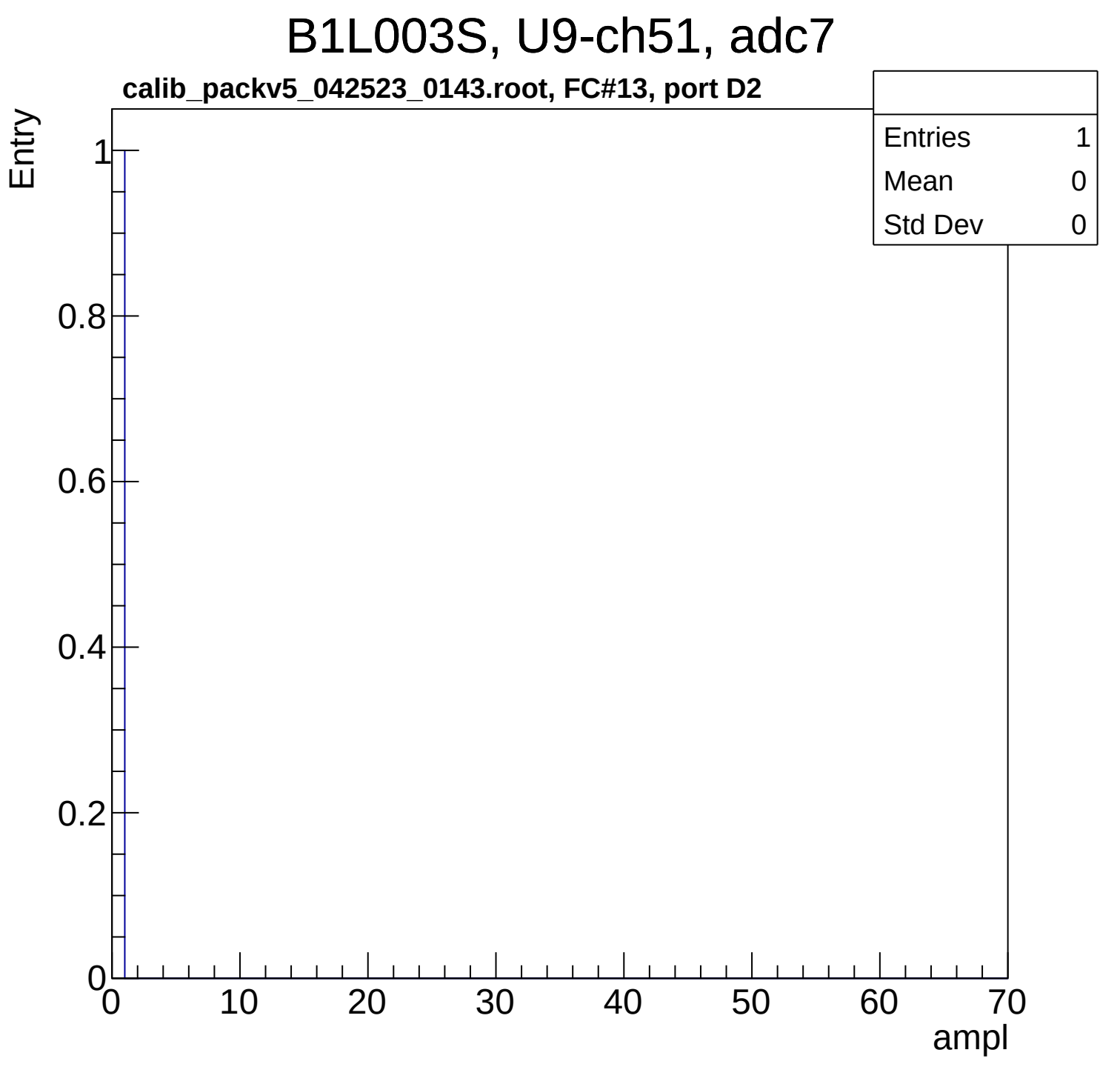

B1L003S, U9-ch51, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 55.58
Std Dev 3.394
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch51, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.8
Std Dev 9.196
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch51, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch51, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
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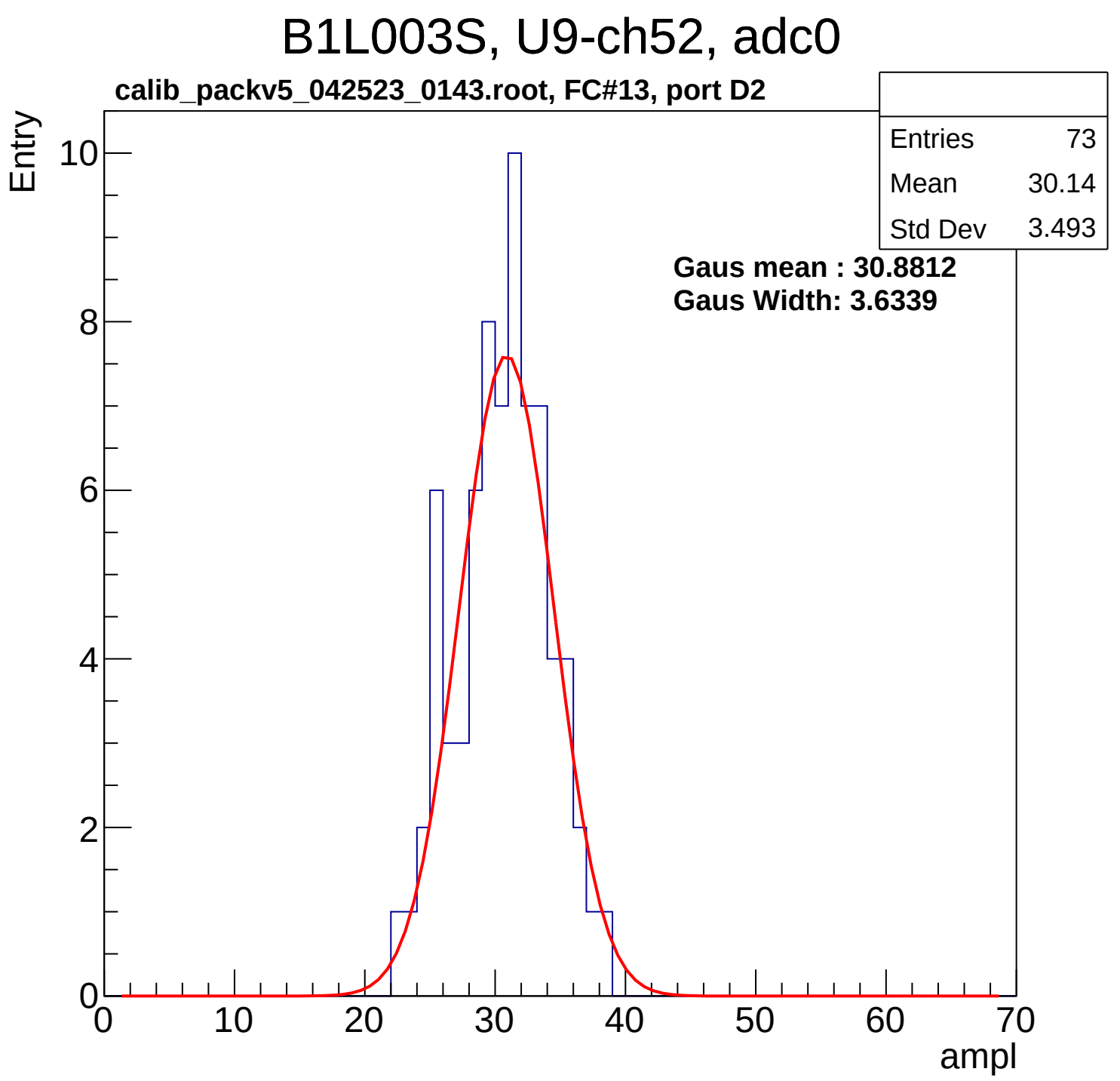
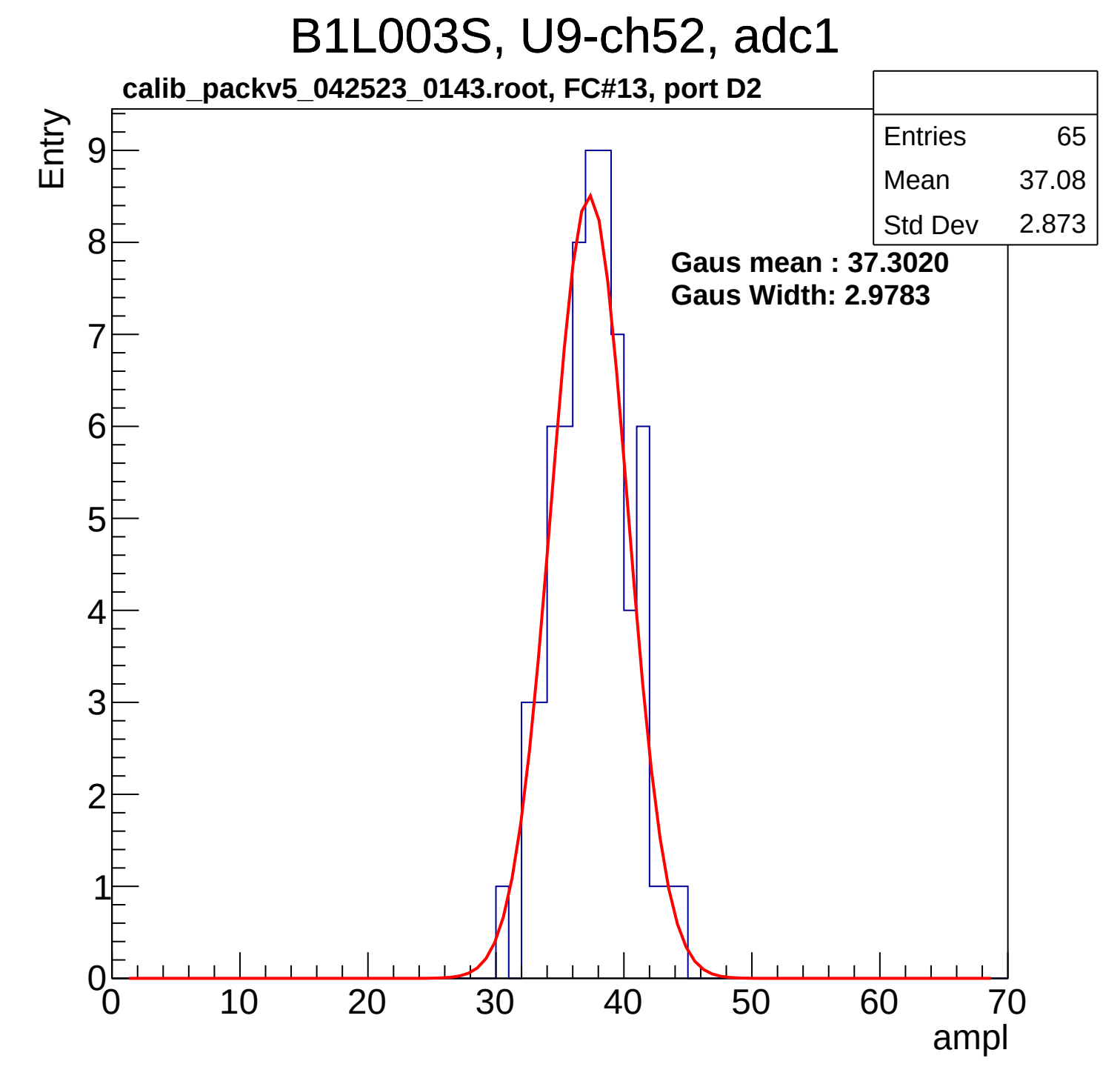
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch52, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 30.14
Std Dev 3.493
Gaus mean : 30.8812
Gaus Width: 3.6339
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch52, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 37.08
Std Dev 2.873
Gaus mean : 37.3020
Gaus Width: 2.9783
Entry
ampl
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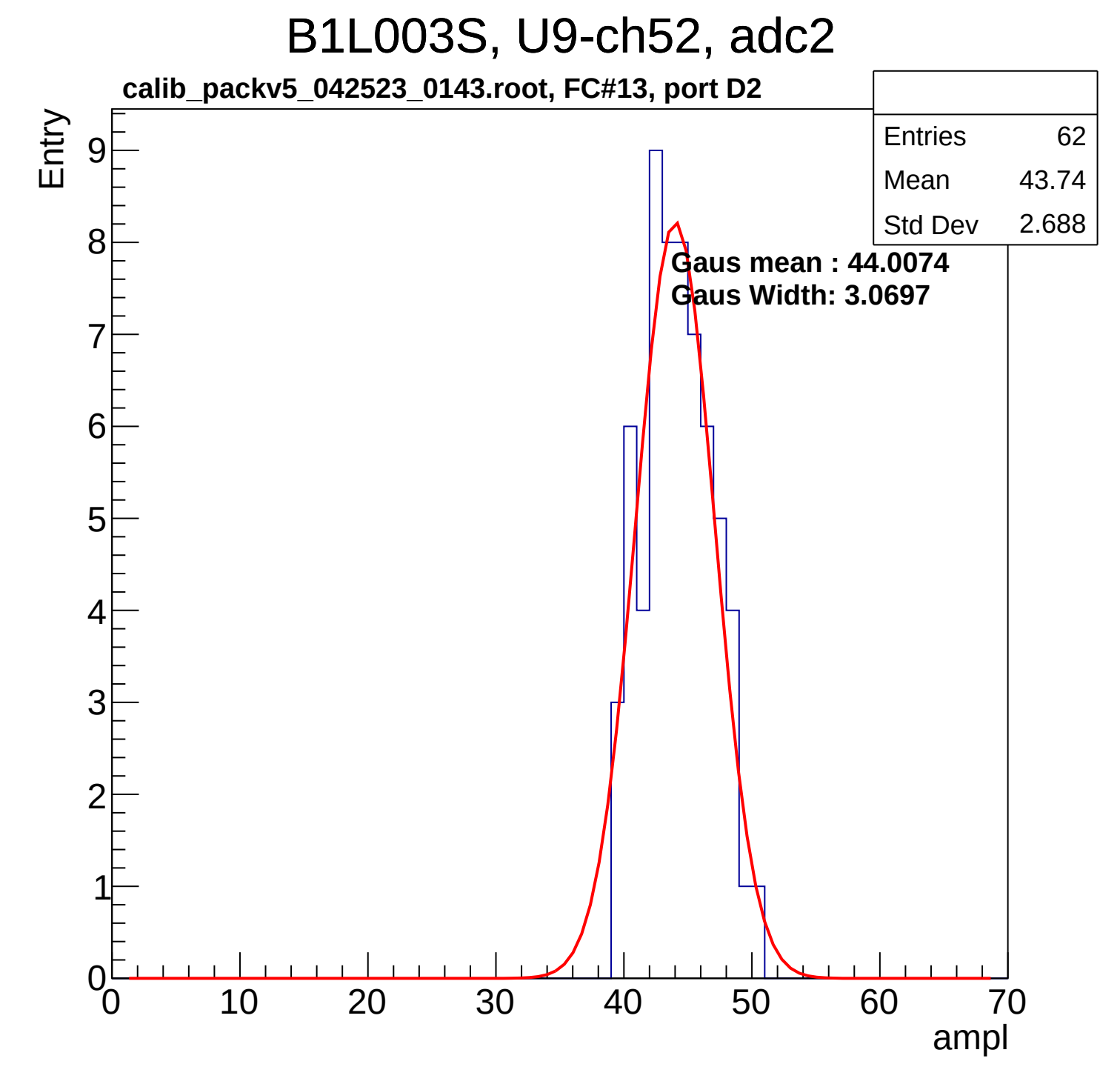
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch52, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 43.74
Std Dev 2.688
Gaus mean : 44.0074
Gaus Width: 3.0697
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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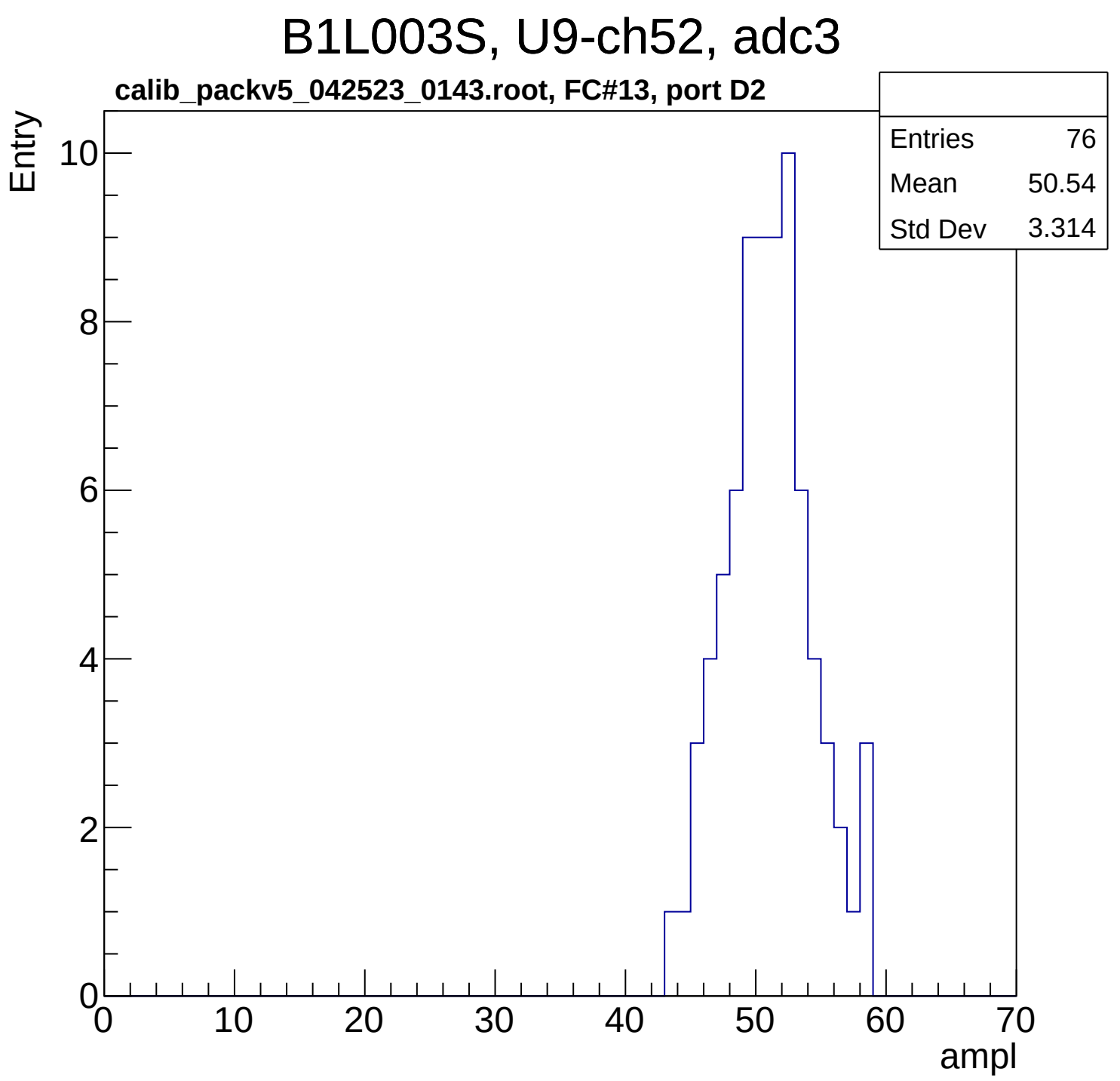
B1L003S, U9-ch52, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 50.54
Std Dev 3.314
Entry
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2
4
6
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10
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10
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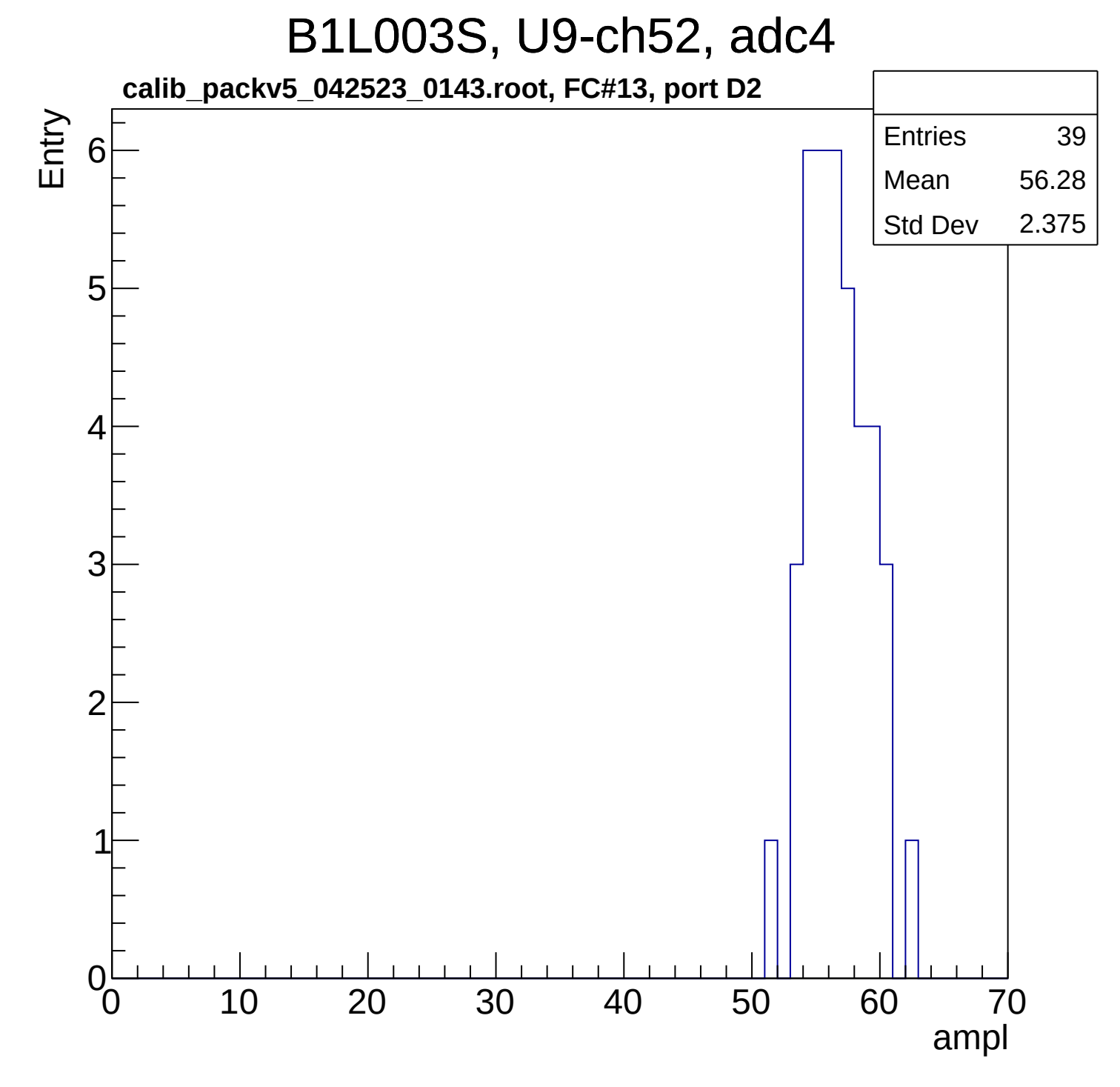
50
60
70
ampl


B1L003S, U9-ch52, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 56.28
Std Dev 2.375
Entry
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1
2
3
4
5
6
0
10
20
30
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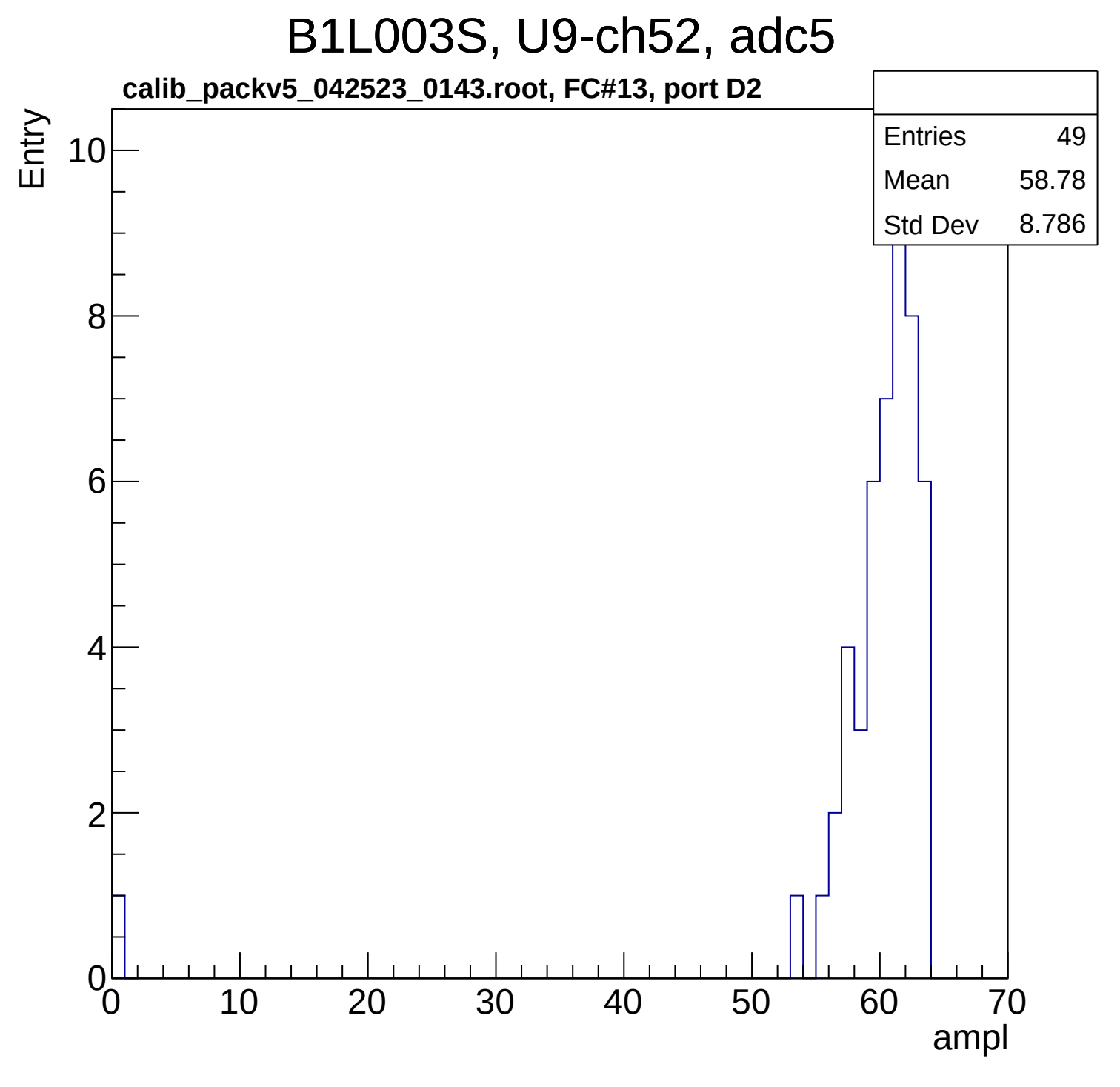
50
60
70
ampl


B1L003S, U9-ch52, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 58.78
Std Dev 8.786
Entry
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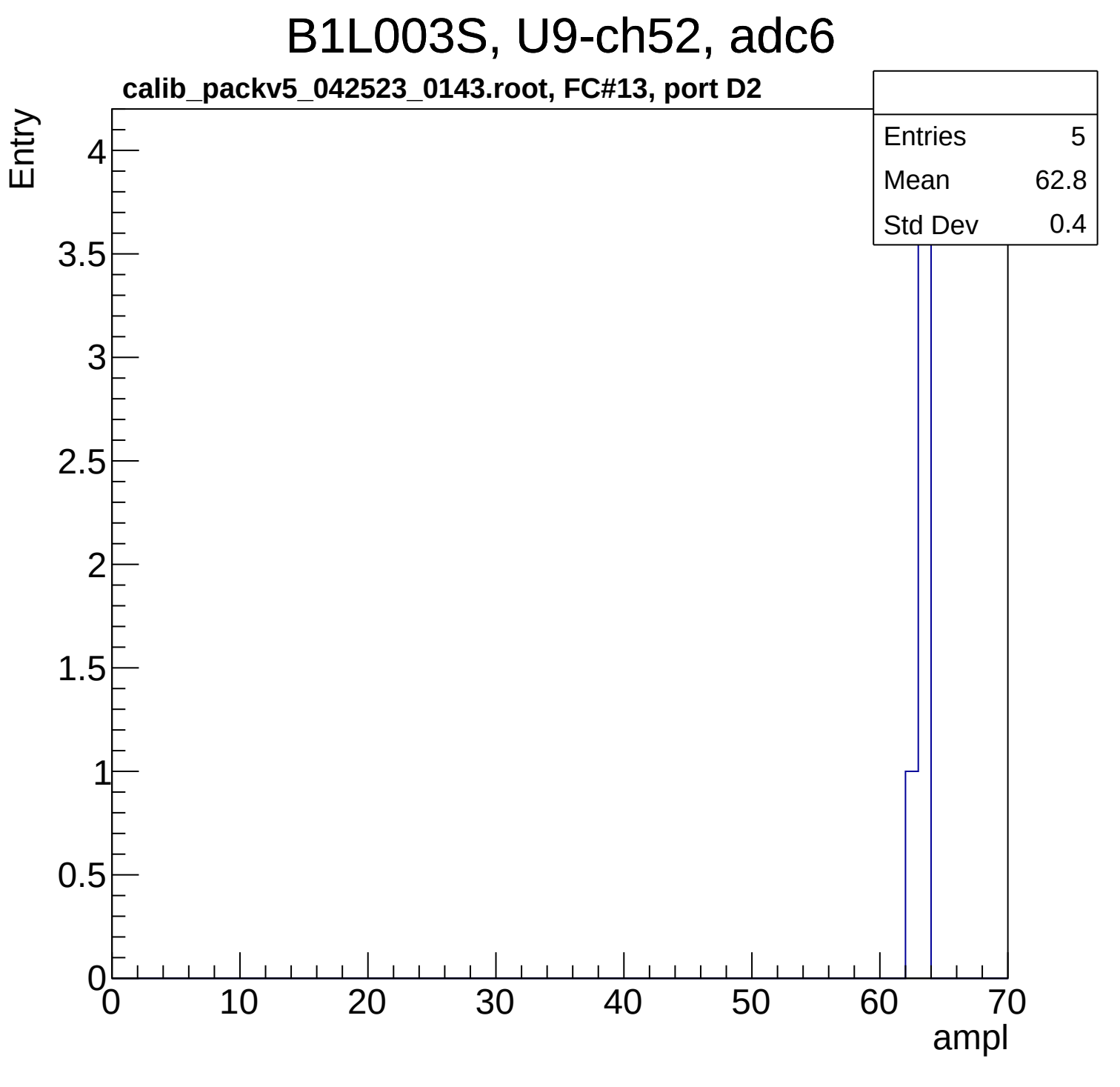
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch52, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.8
Std Dev 0.4
Entry
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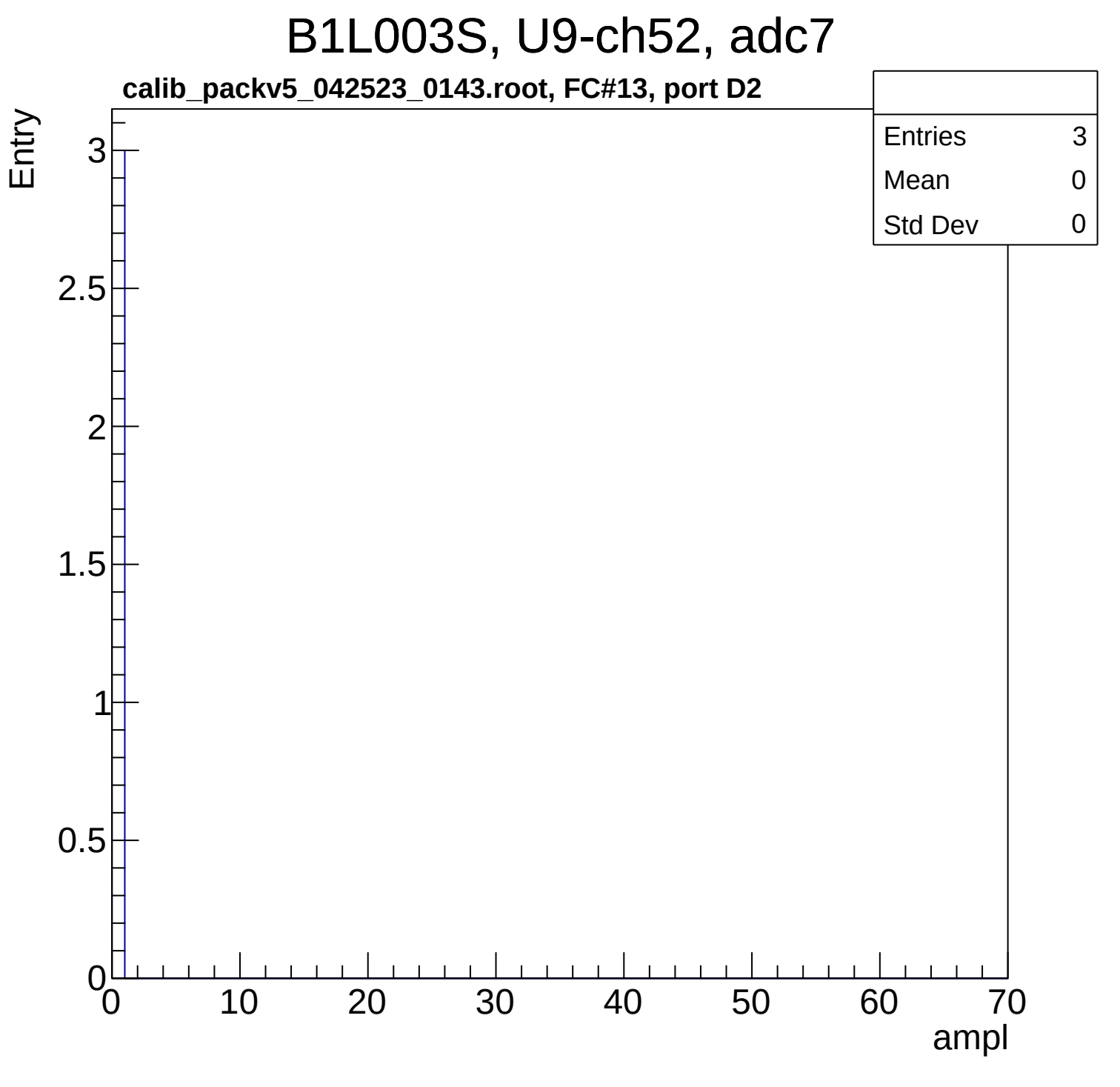
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch52, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 0
Std Dev 0
Entry
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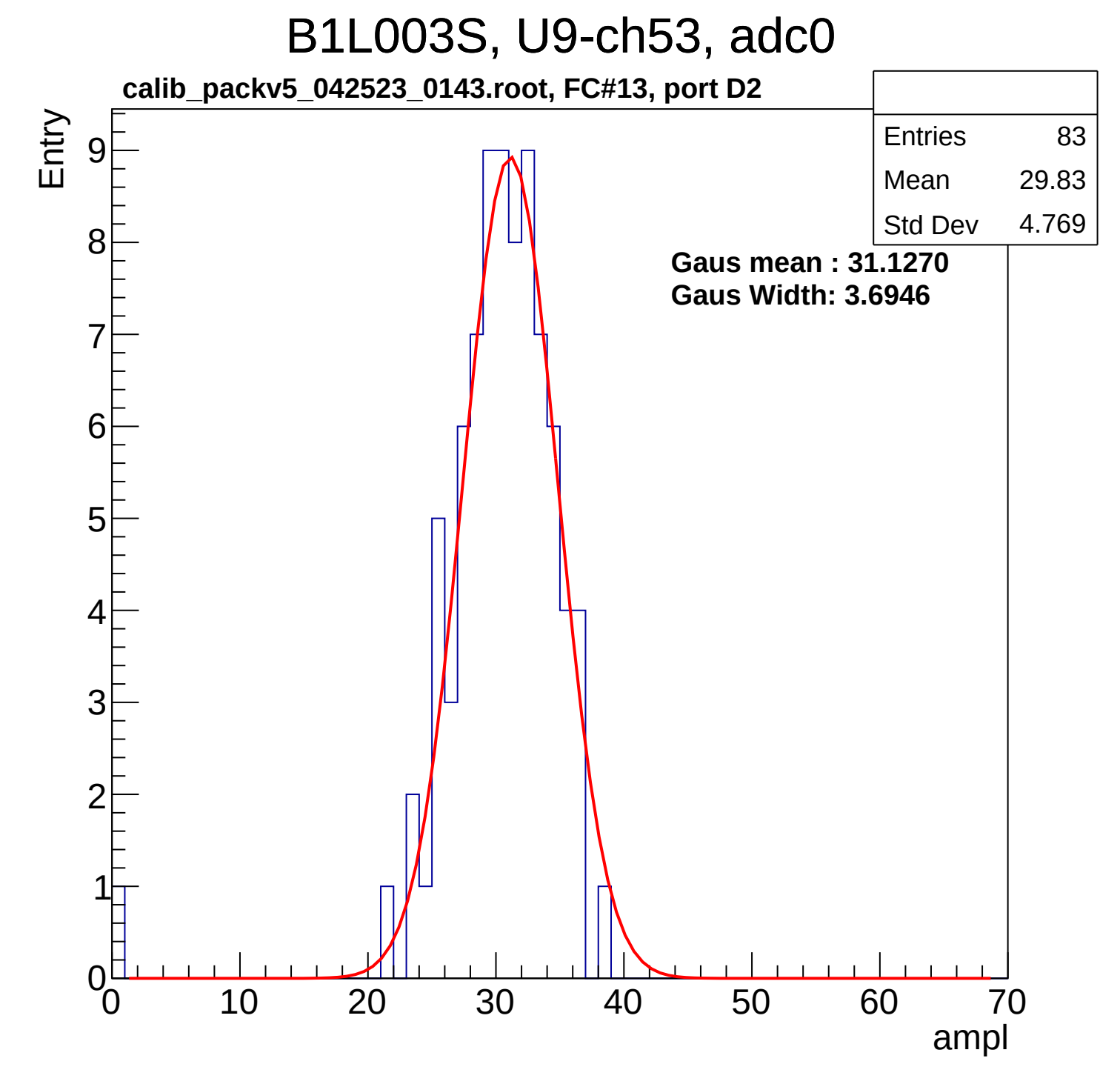
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch53, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 29.83
Std Dev 4.769
Gaus mean : 31.1270
Gaus Width: 3.6946
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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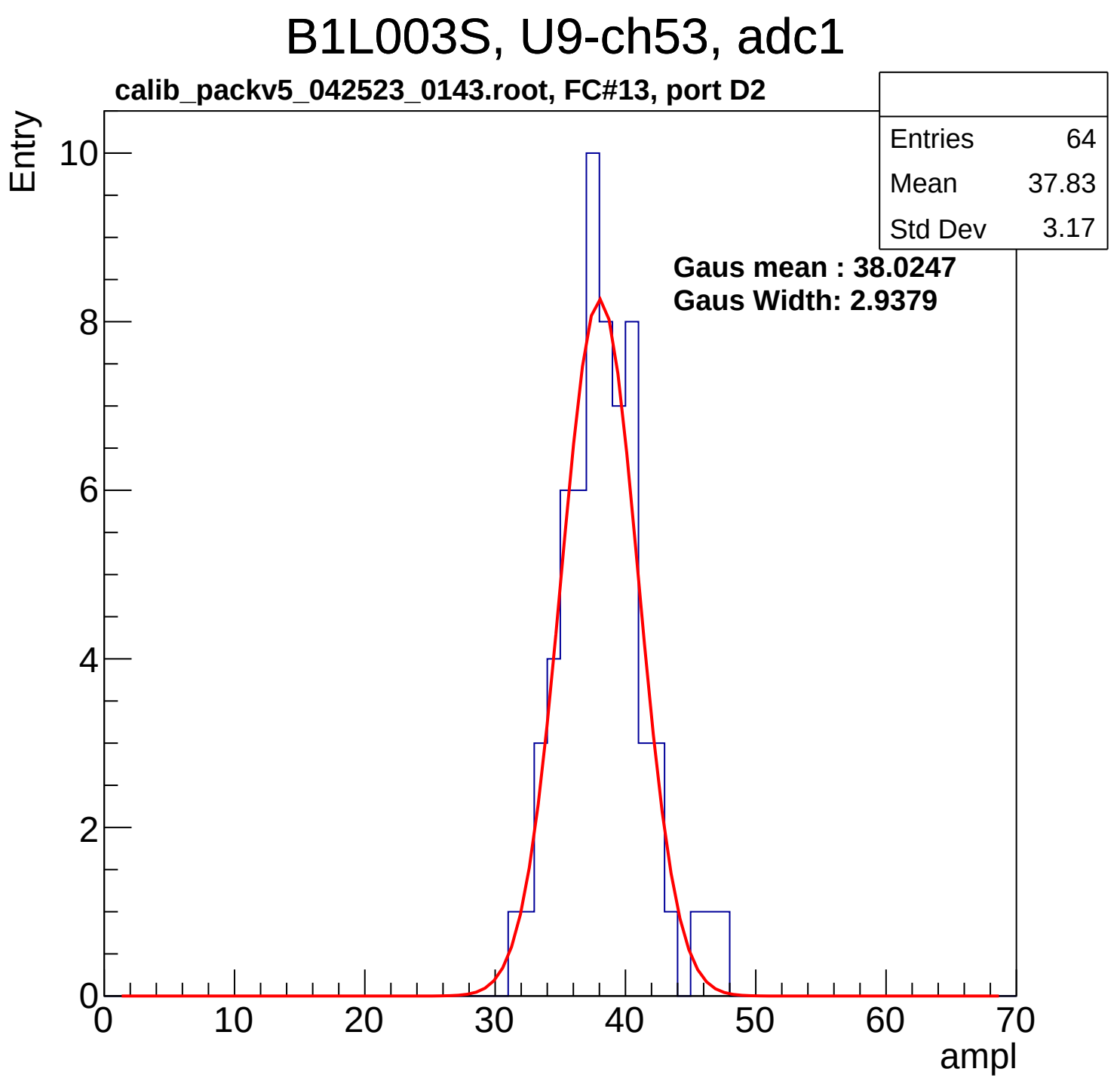
B1L003S, U9-ch53, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 37.83
Std Dev 3.17
Gaus mean : 38.0247
Gaus Width: 2.9379
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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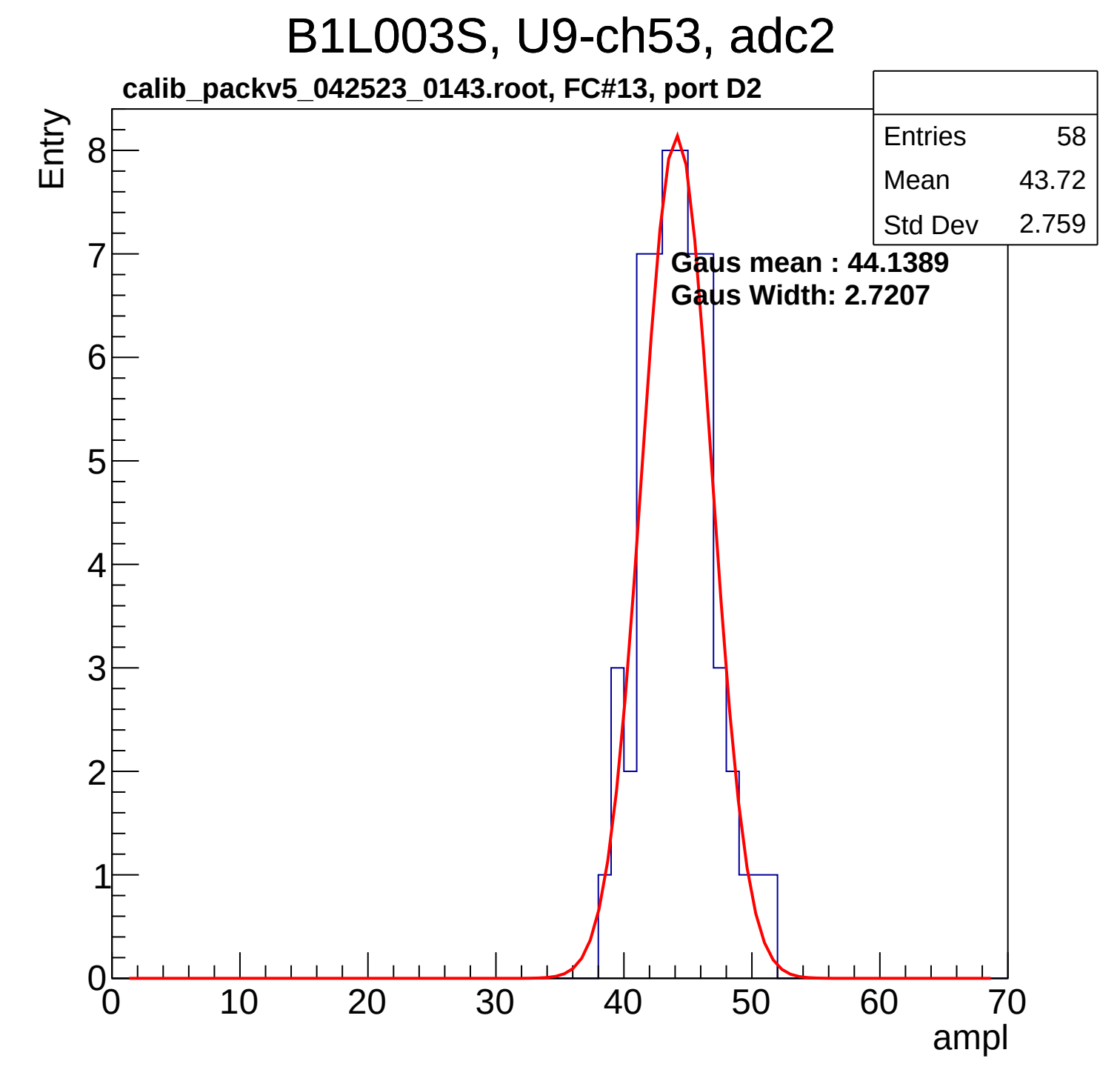
B1L003S, U9-ch53, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 43.72
Std Dev 2.759
Gaus mean : 44.1389
Gaus Width: 2.7207
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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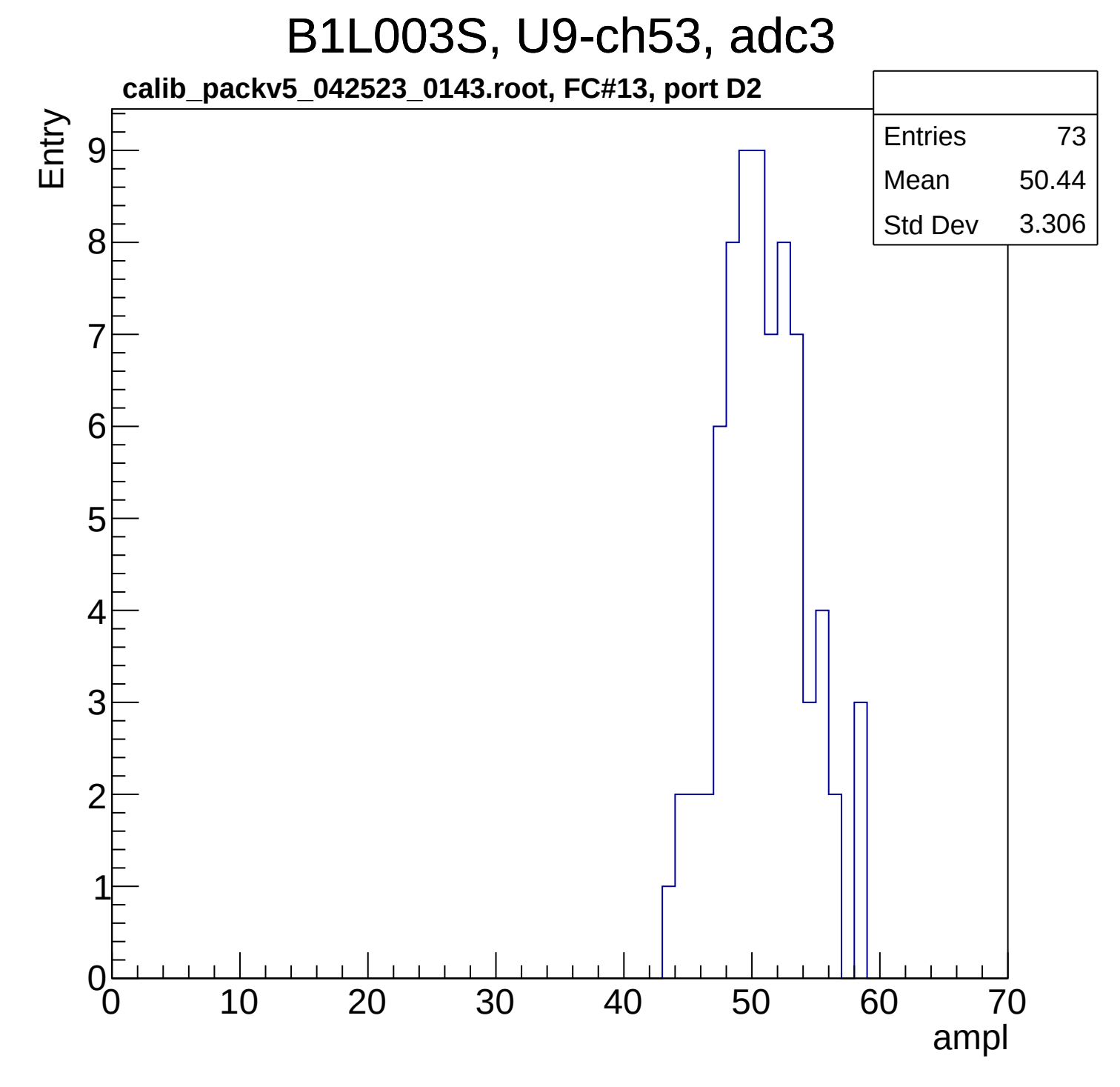
B1L003S, U9-ch53, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 50.44
Std Dev 3.306
Entry
ampl
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2
3
4
5
6
7
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0
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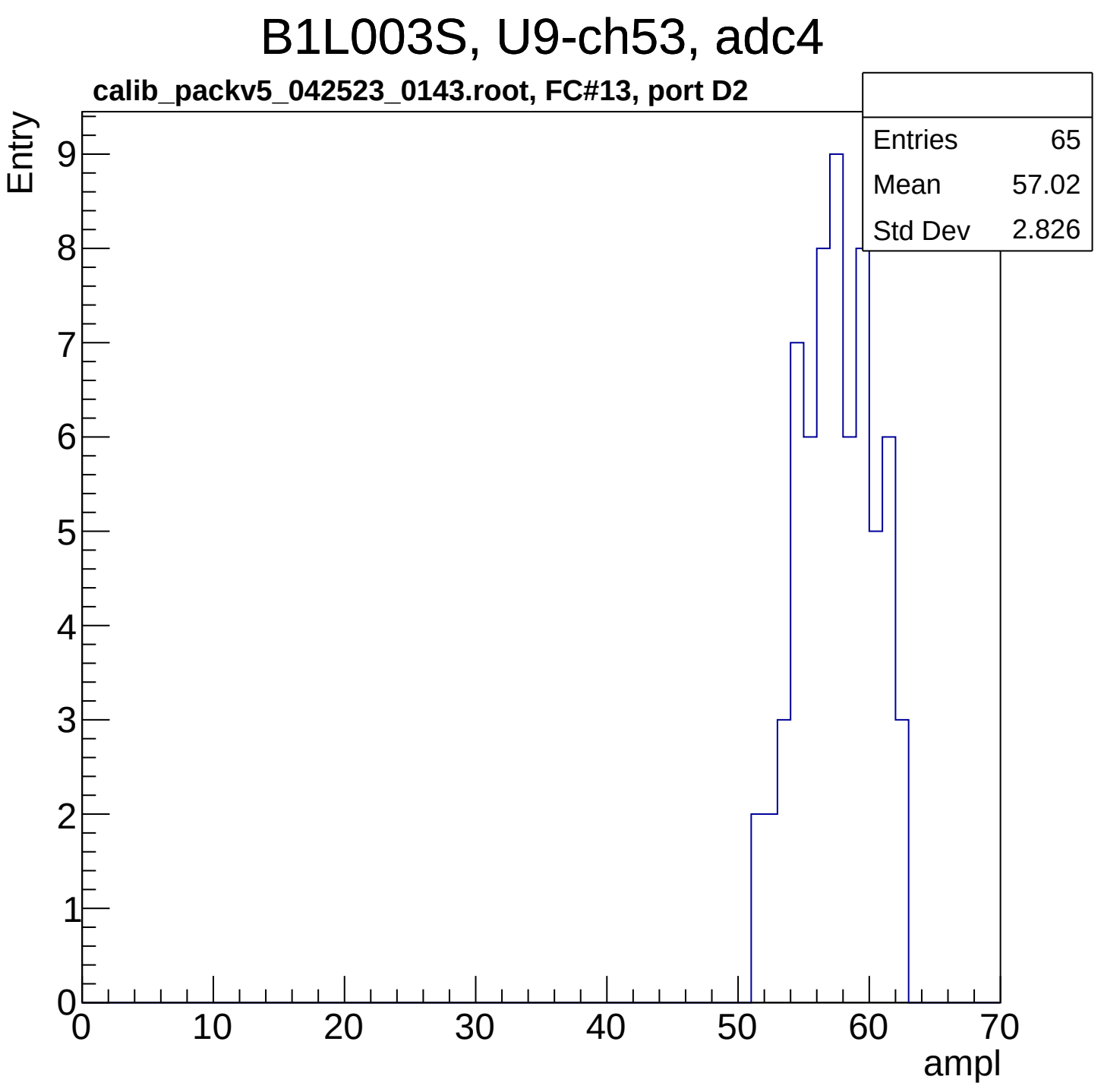
B1L003S, U9-ch53, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 57.02
Std Dev 2.826
Entry
ampl
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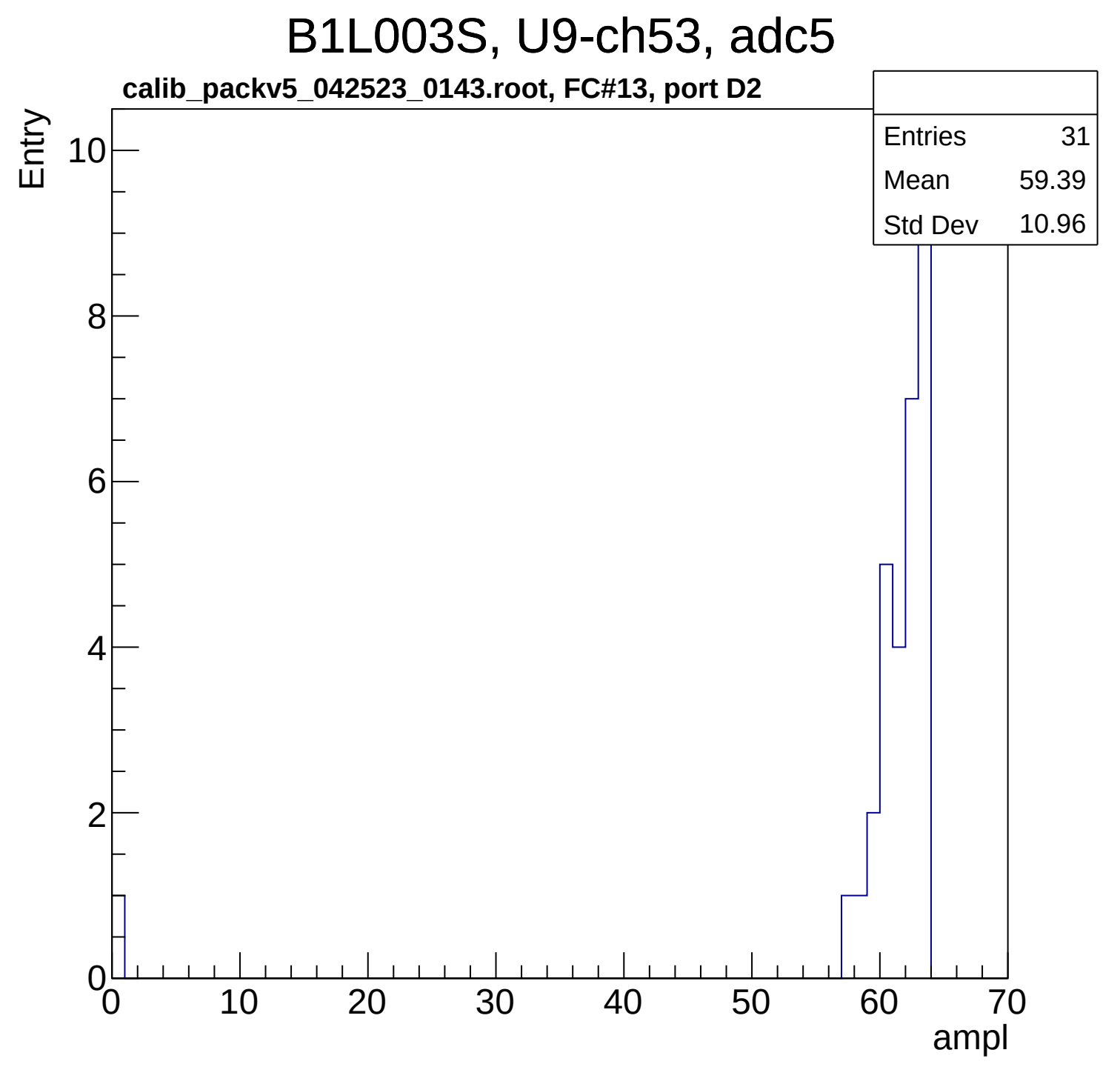
B1L003S, U9-ch53, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 31
Mean 59.39
Std Dev 10.96
Entry
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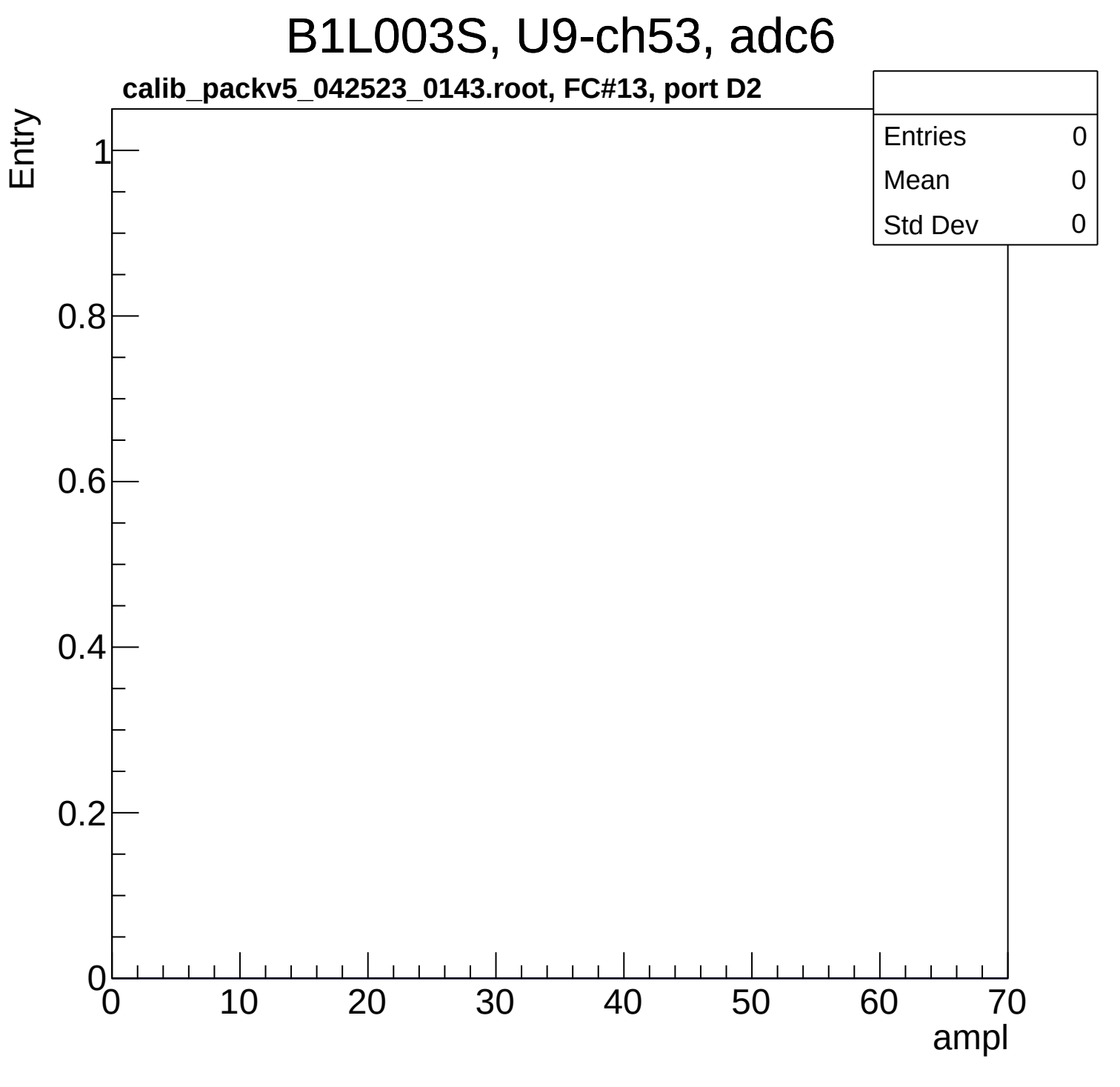
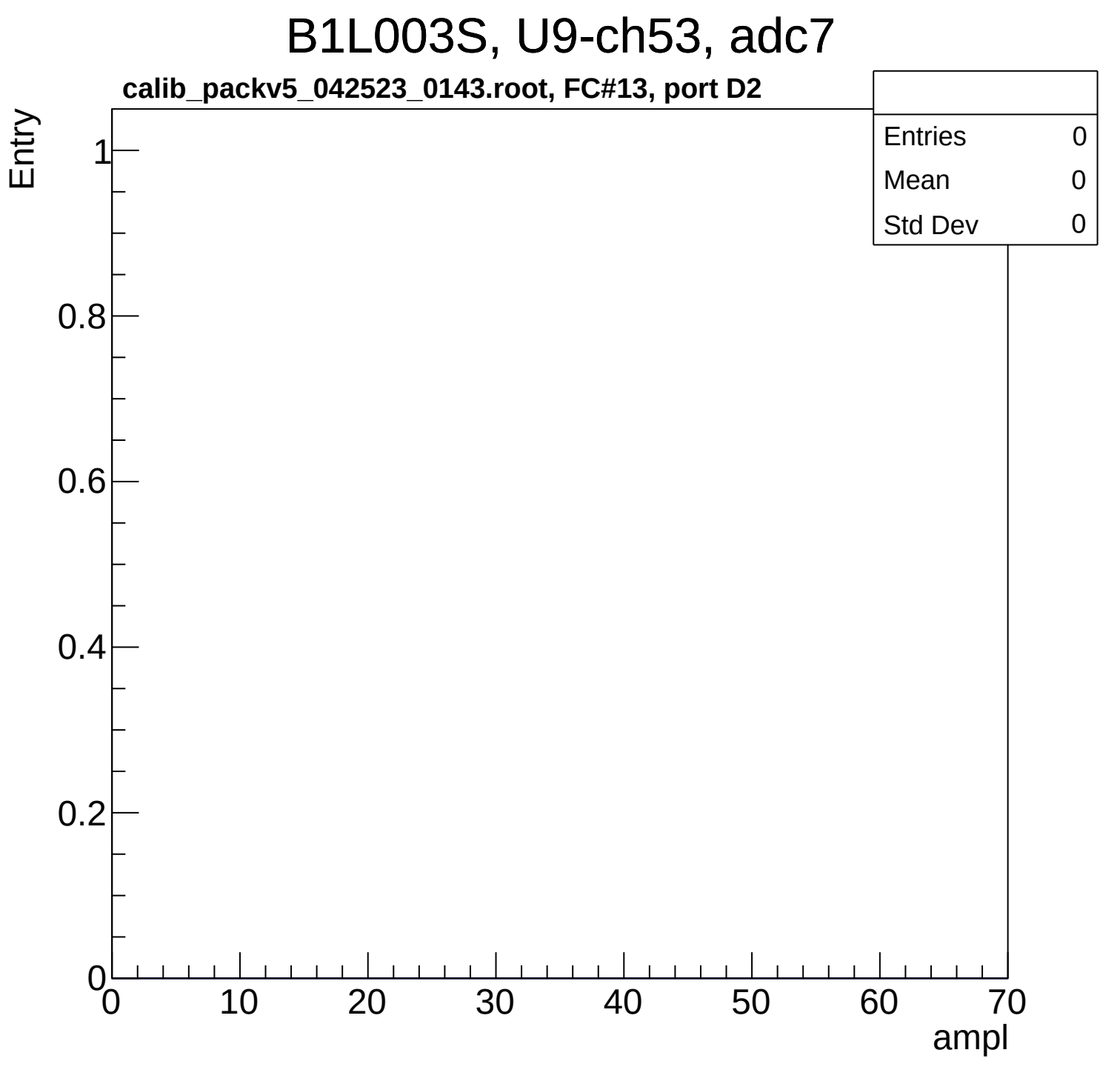
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch53, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch53, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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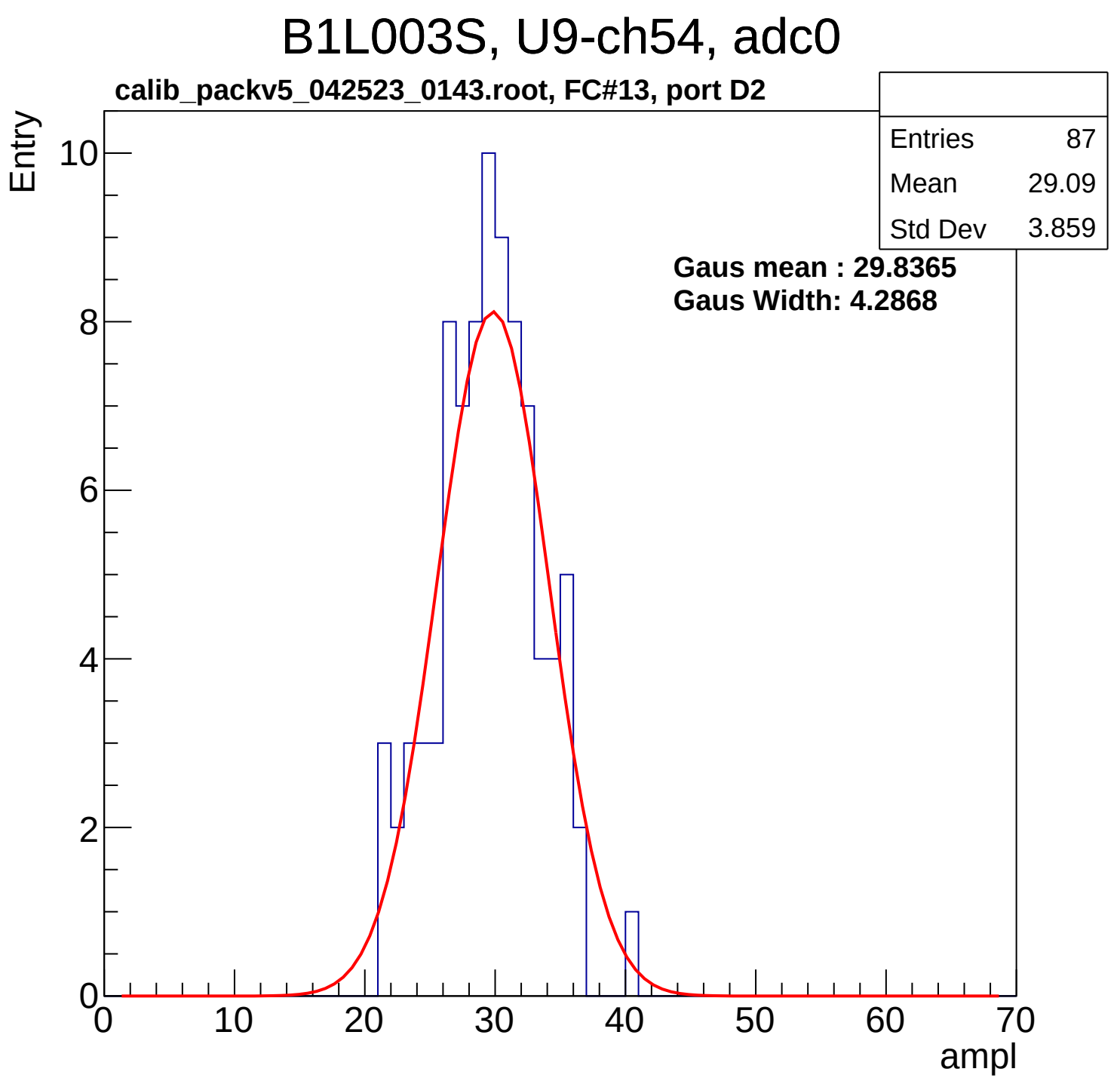
50
60
70
ampl


B1L003S, U9-ch54, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 87
Mean 29.09
Std Dev 3.859
Gaus mean : 29.8365
Gaus Width: 4.2868
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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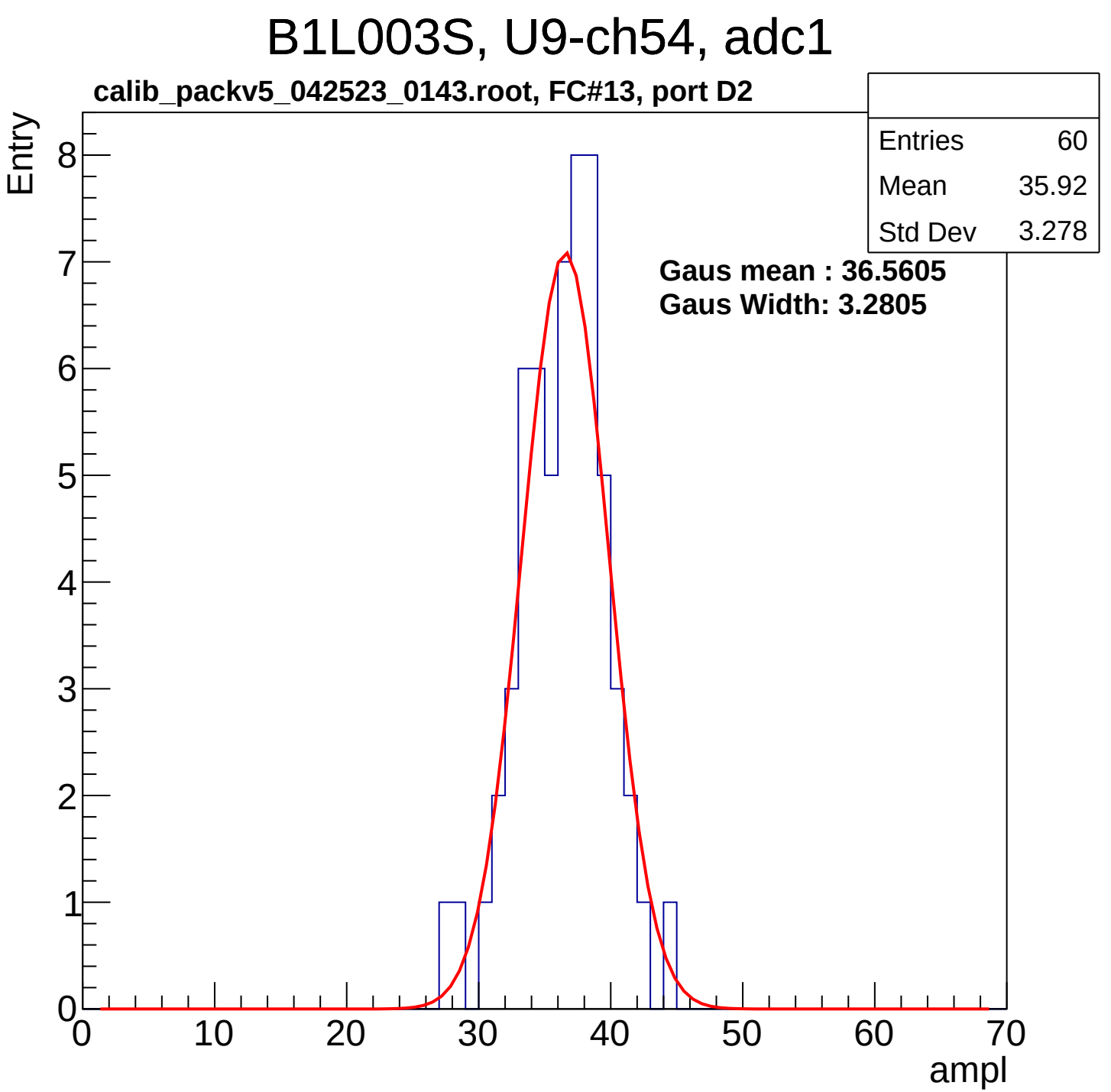
B1L003S, U9-ch54, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 35.92
Std Dev 3.278
Gaus mean : 36.5605
Gaus Width: 3.2805
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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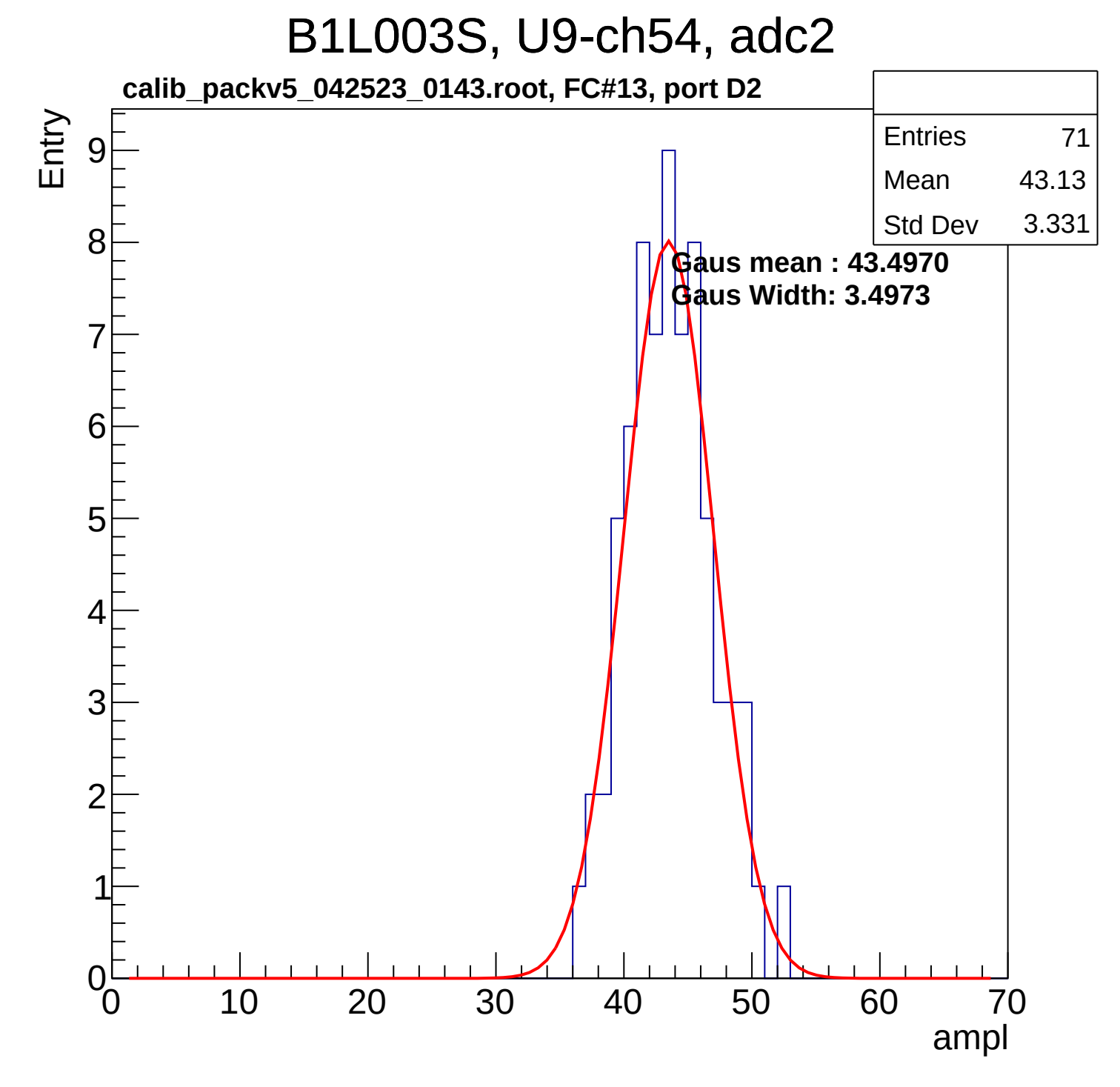
B1L003S, U9-ch54, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 43.13
Std Dev 3.331
Gaus mean : 43.4970
Gaus Width: 3.4973
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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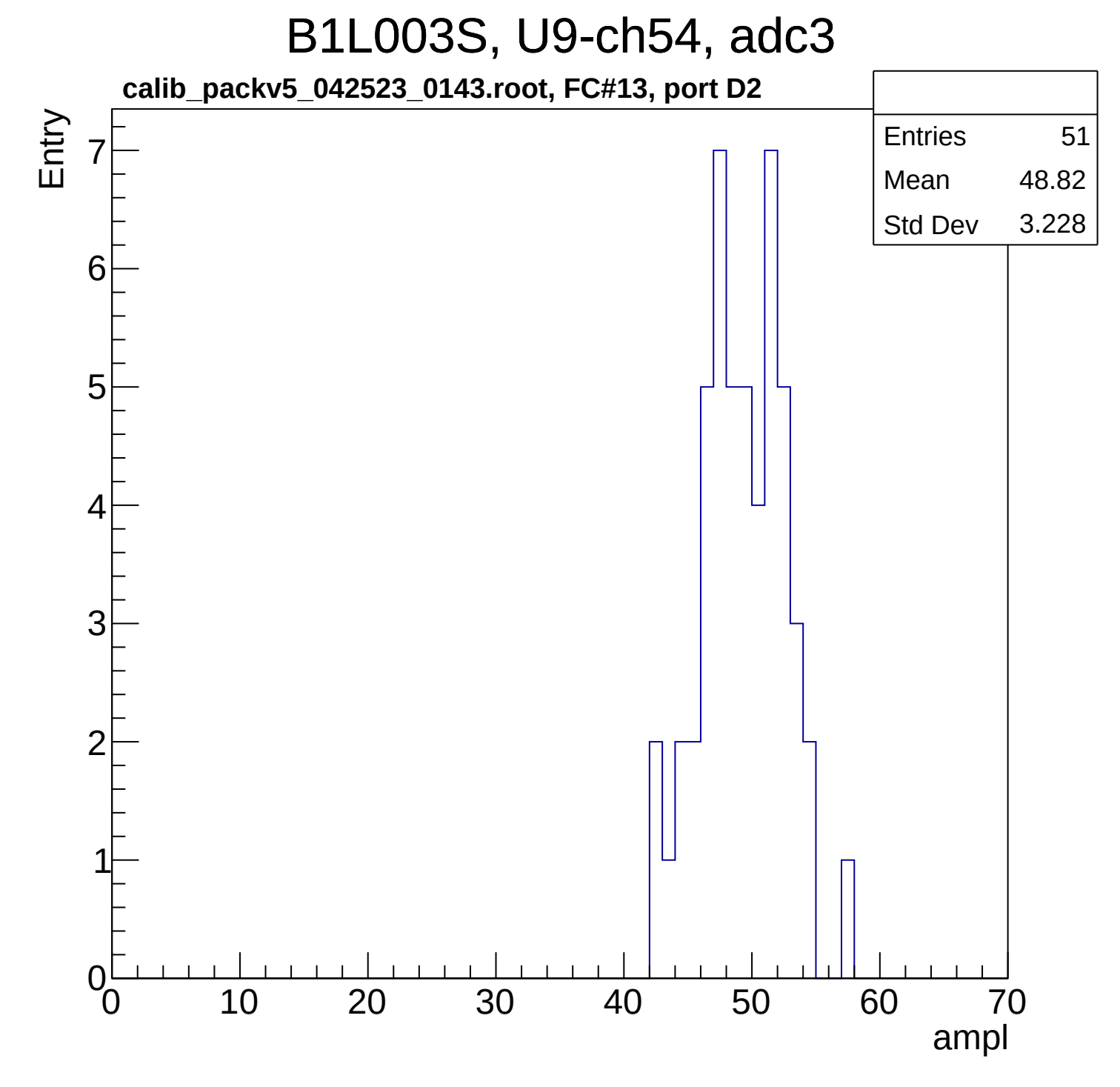
B1L003S, U9-ch54, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 48.82
Std Dev 3.228
Entry
ampl
0
1
2
3
4
5
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0
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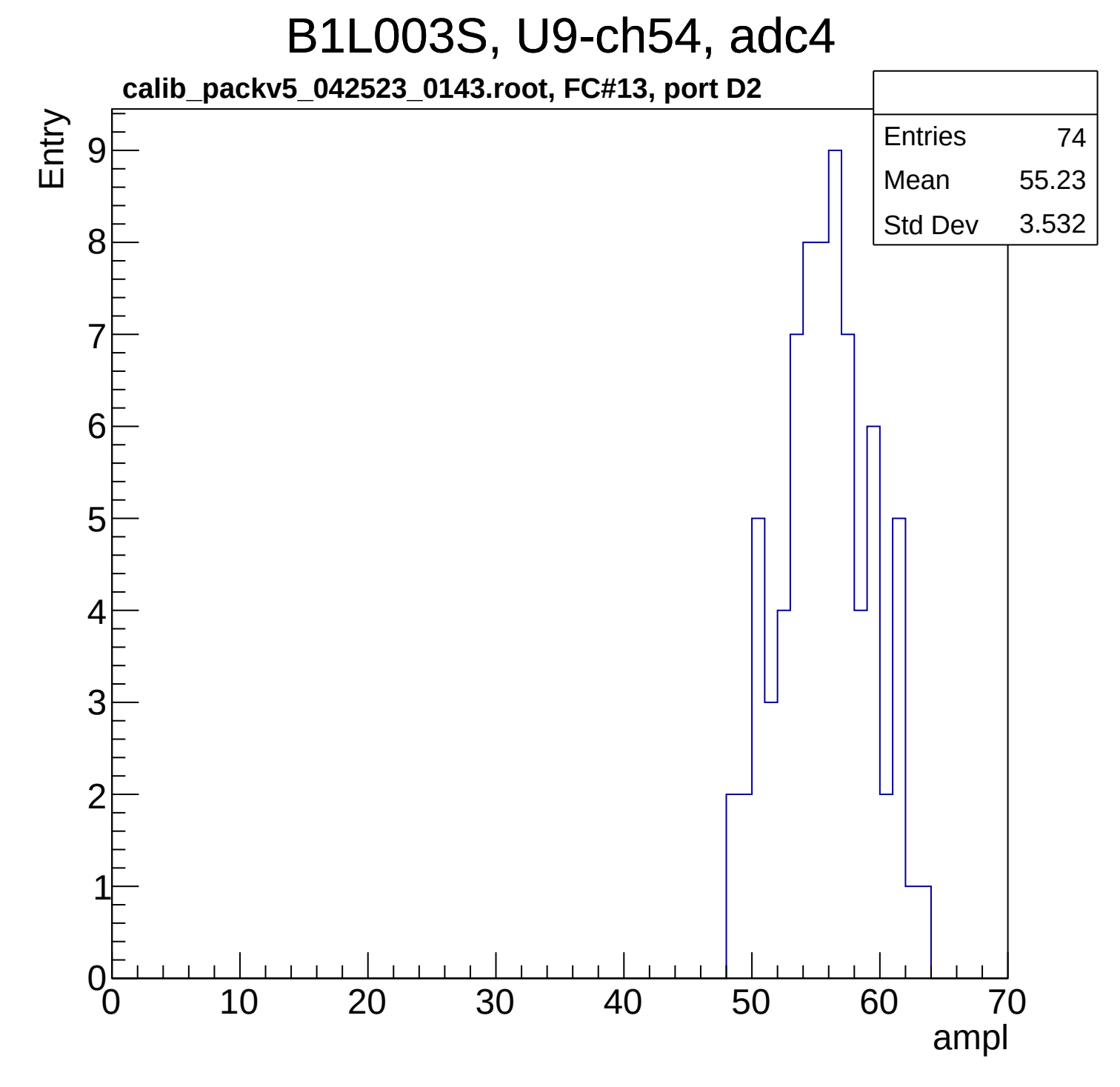
B1L003S, U9-ch54, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 55.23
Std Dev 3.532
Entry
ampl
0
1
2
3
4
5
6
7
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0
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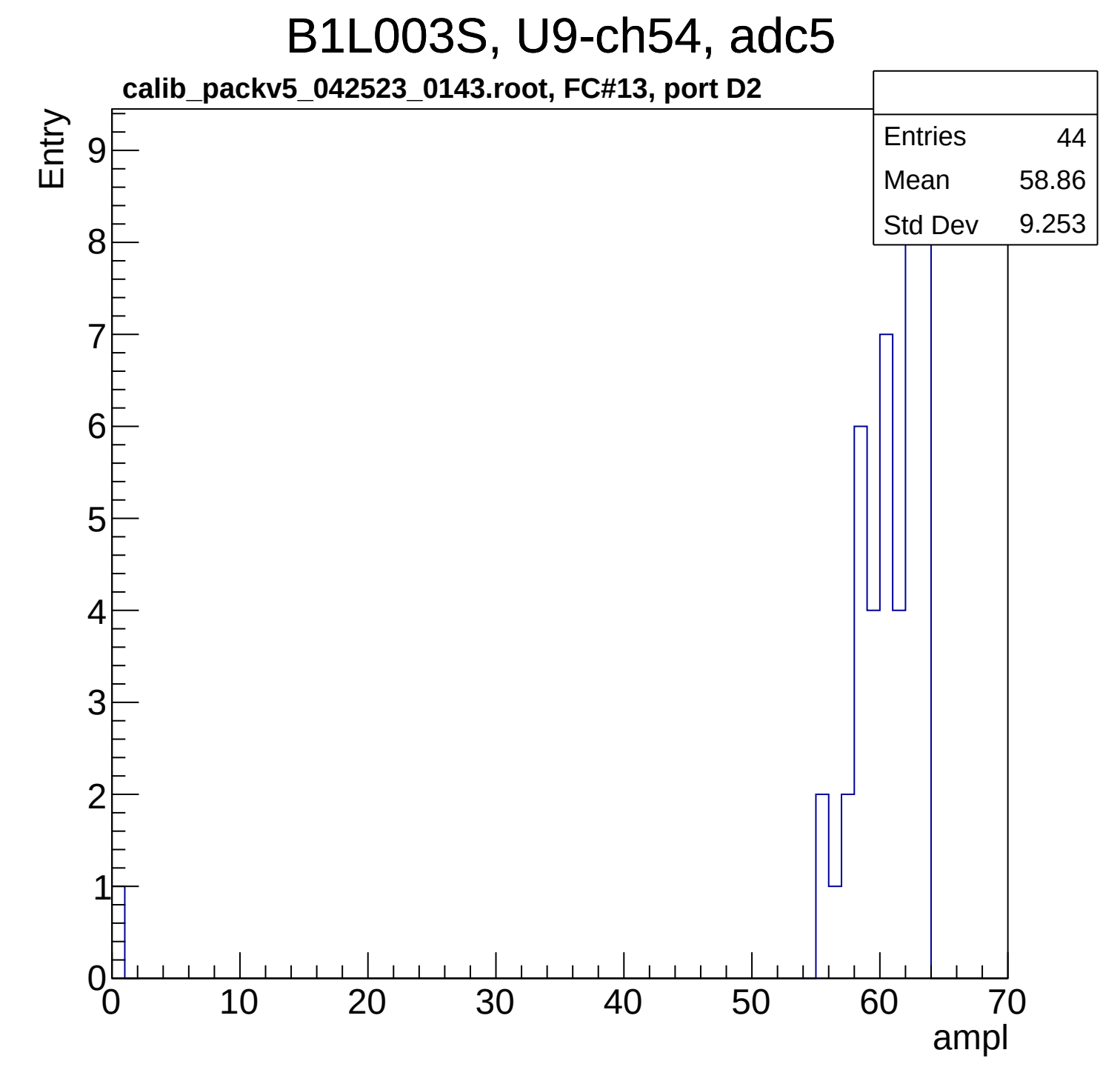
B1L003S, U9-ch54, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 58.86
Std Dev 9.253
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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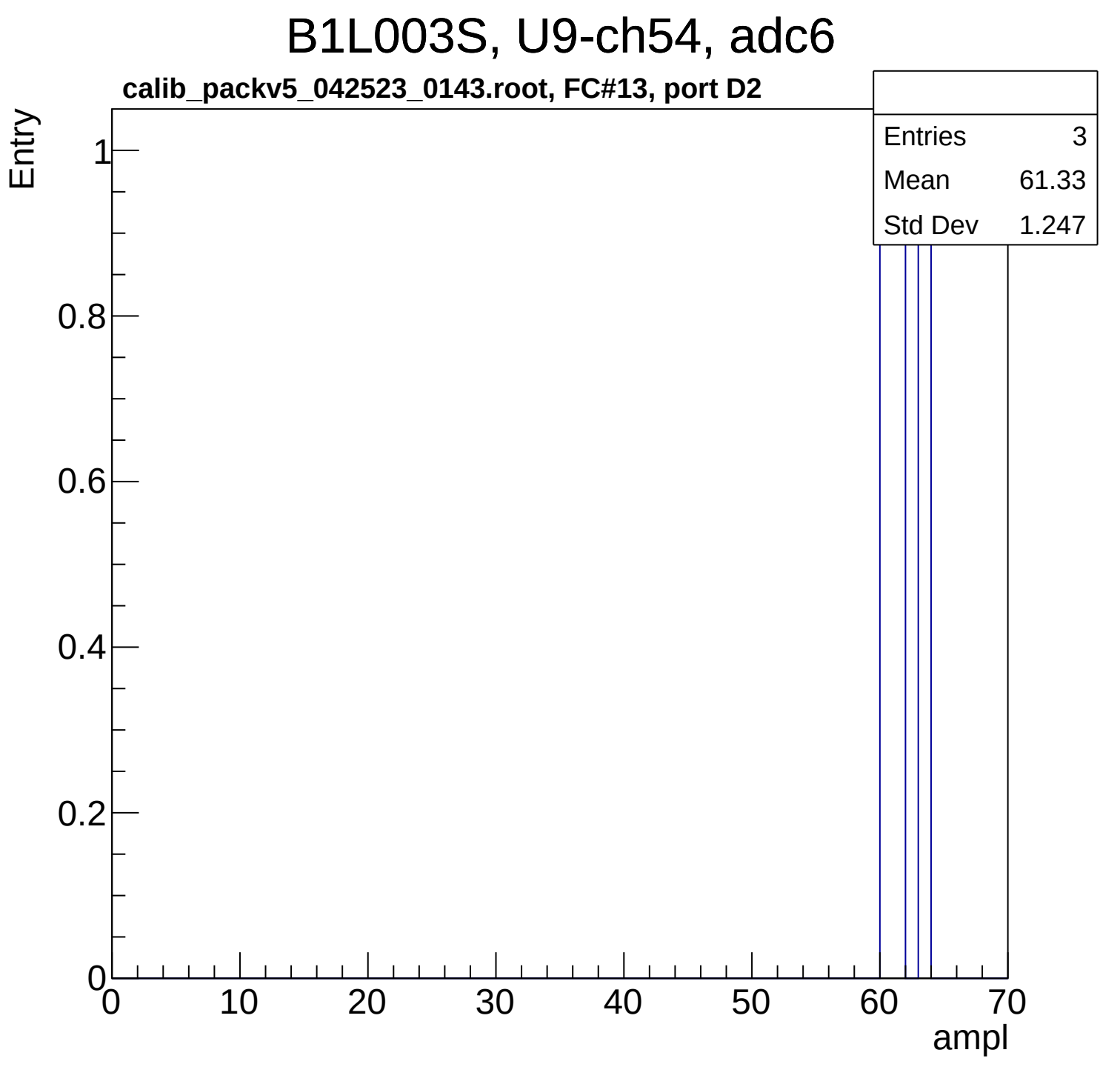
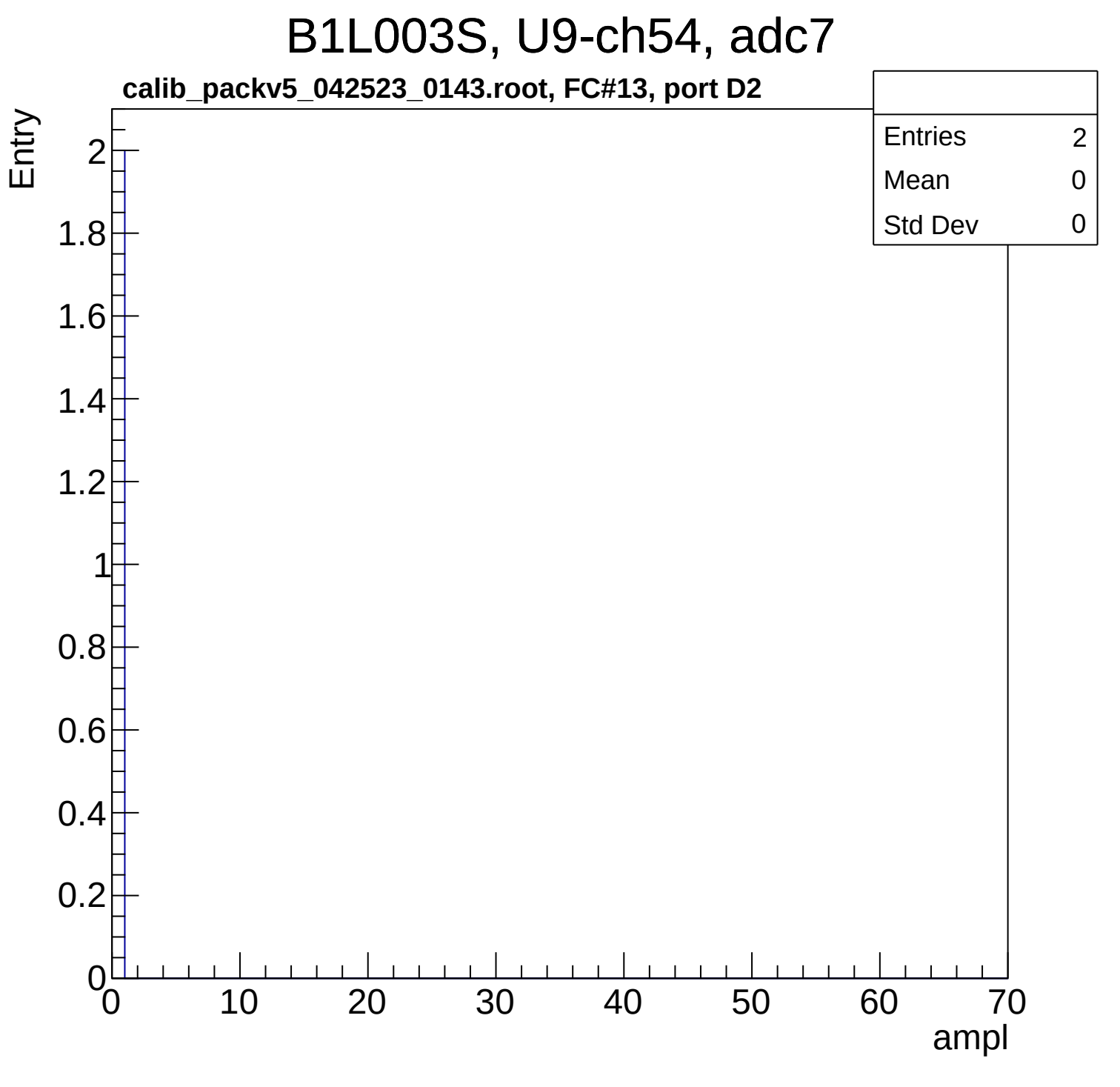
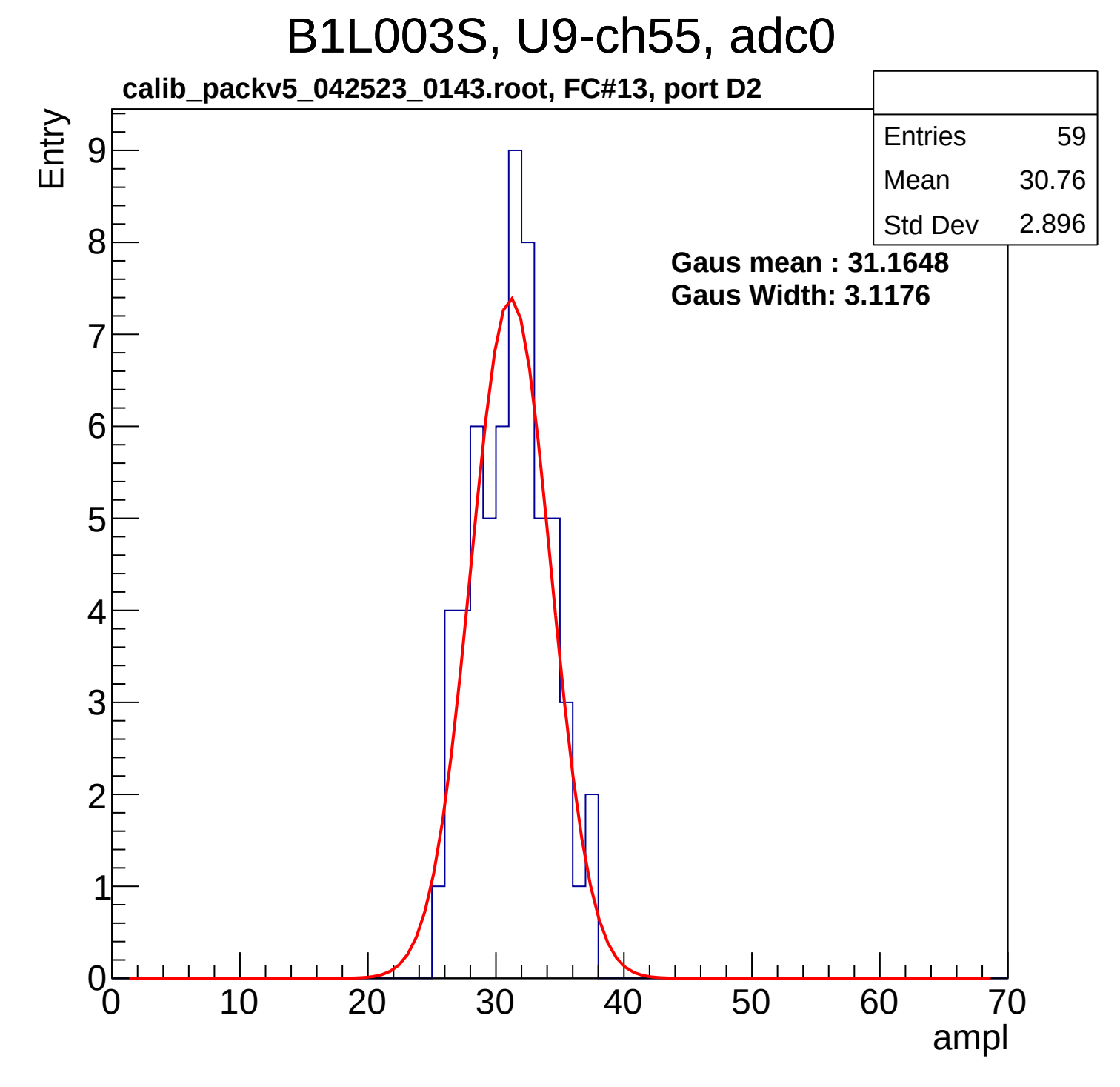

B1L003S, U9-ch54, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 61.33
Std Dev 1.247
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch54, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch55, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 30.76
Std Dev 2.896
Gaus mean : 31.1648
Gaus Width: 3.1176
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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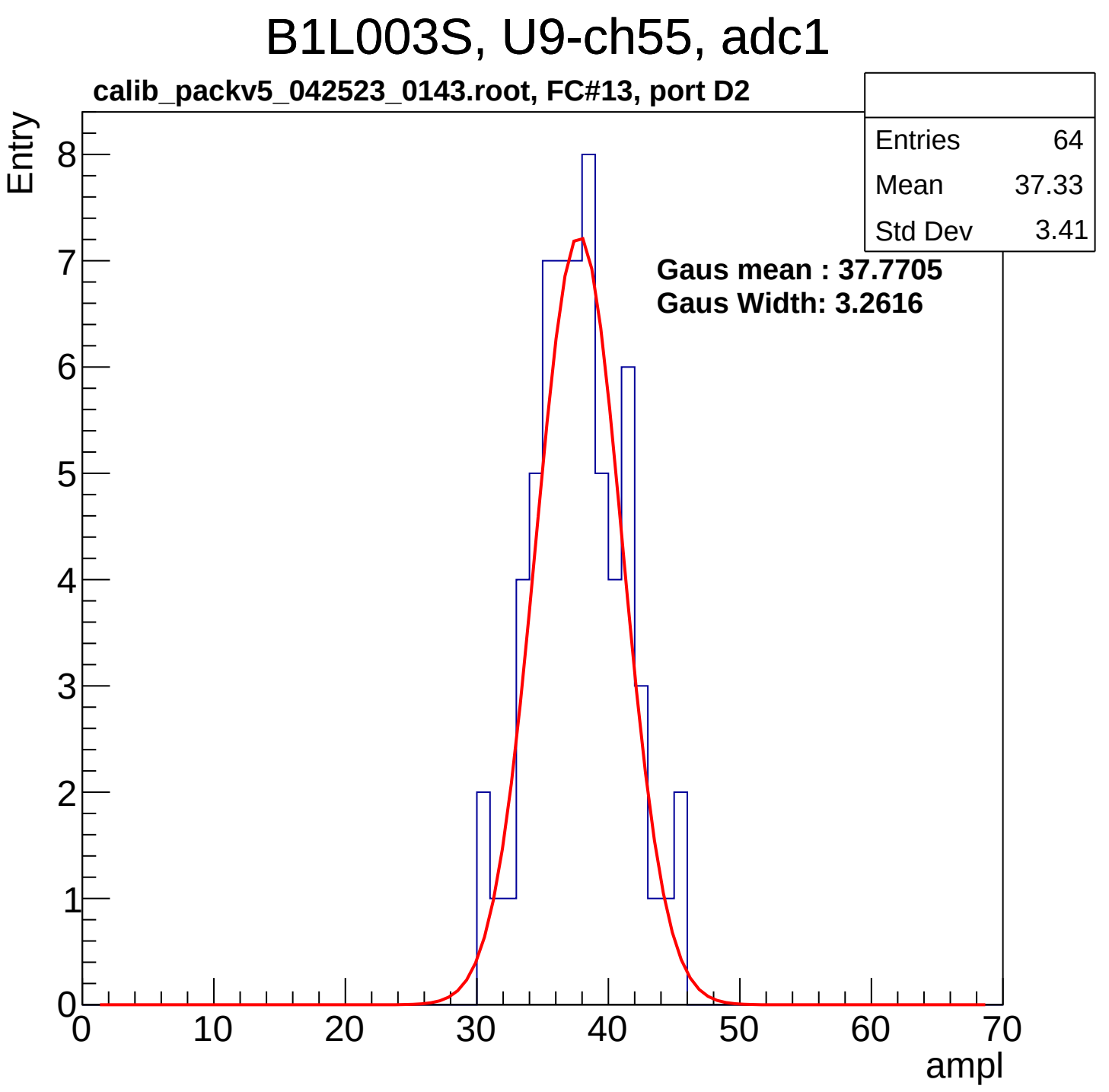
B1L003S, U9-ch55, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 37.33
Std Dev 3.41
Gaus mean : 37.7705
Gaus Width: 3.2616
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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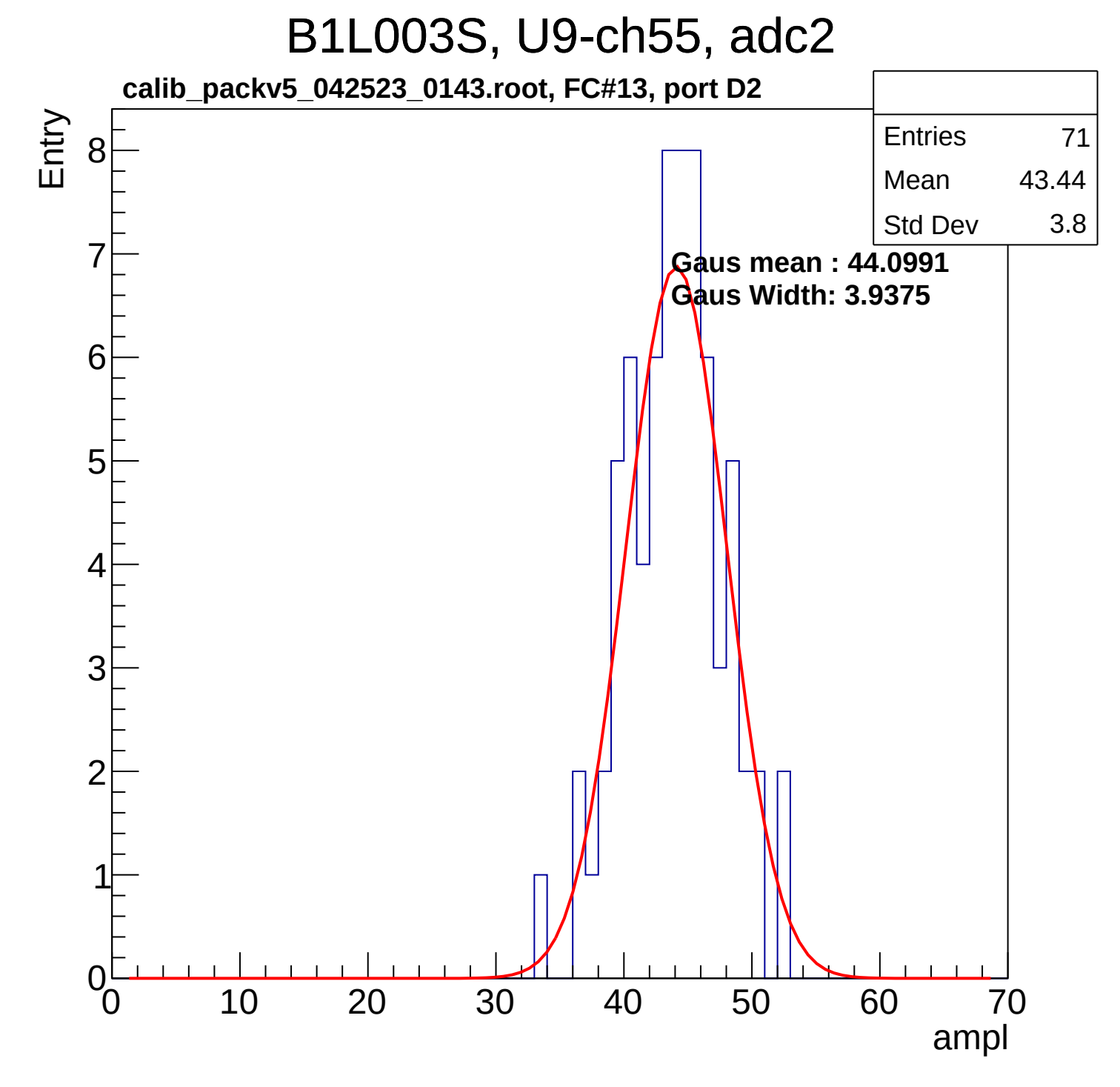
B1L003S, U9-ch55, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 43.44
Std Dev 3.8
Gaus mean : 44.0991
Gaus Width: 3.9375
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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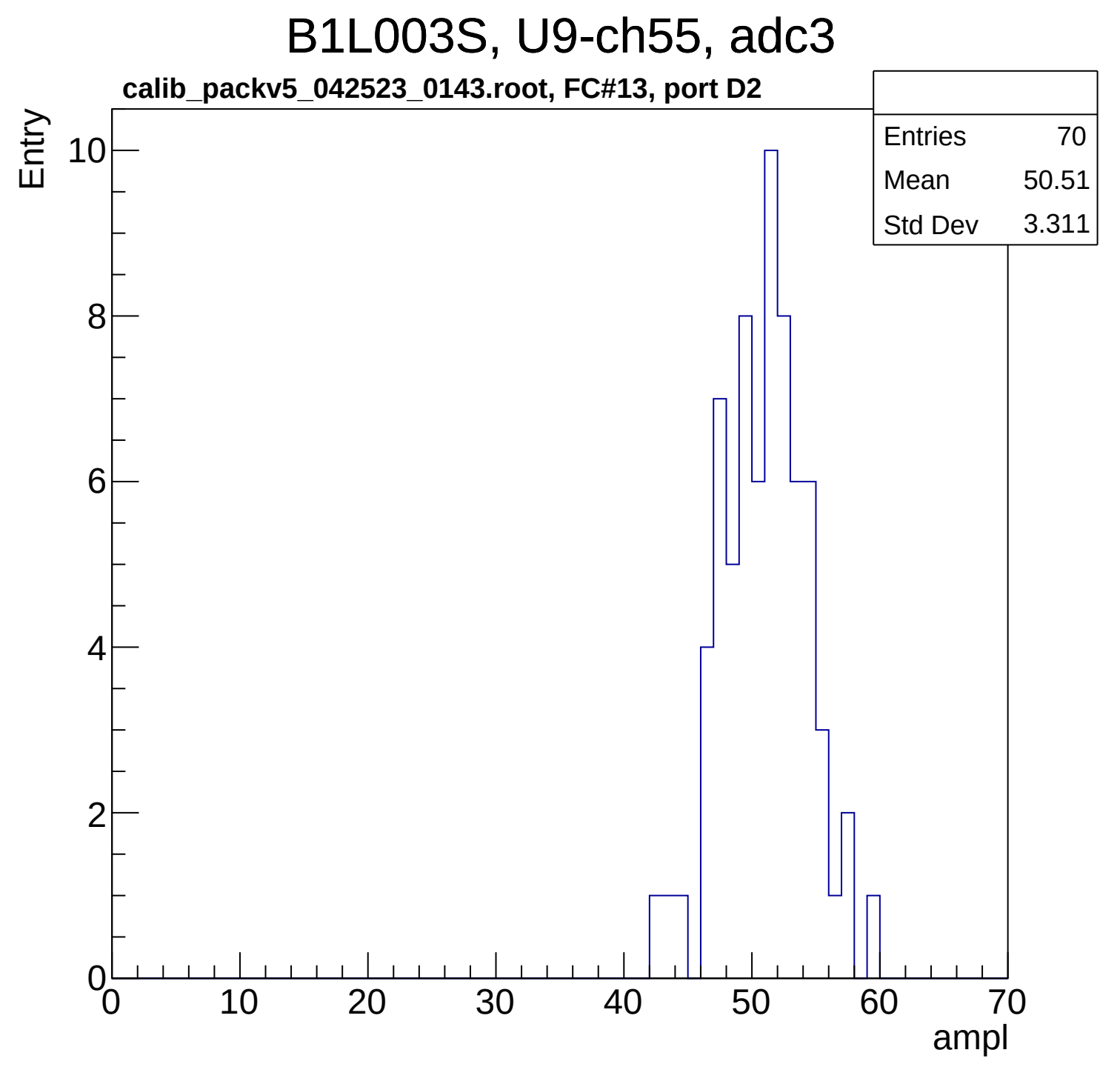
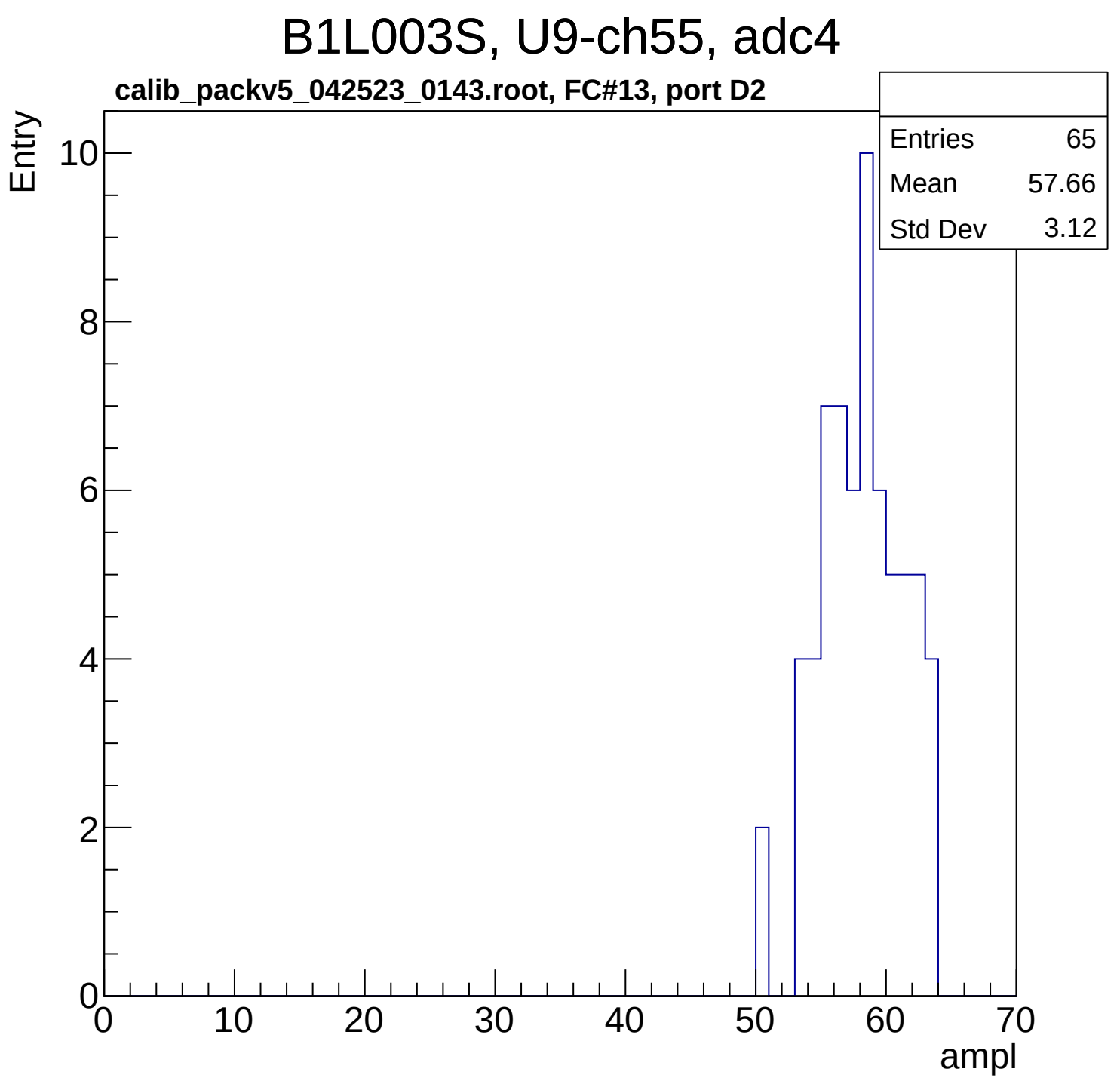
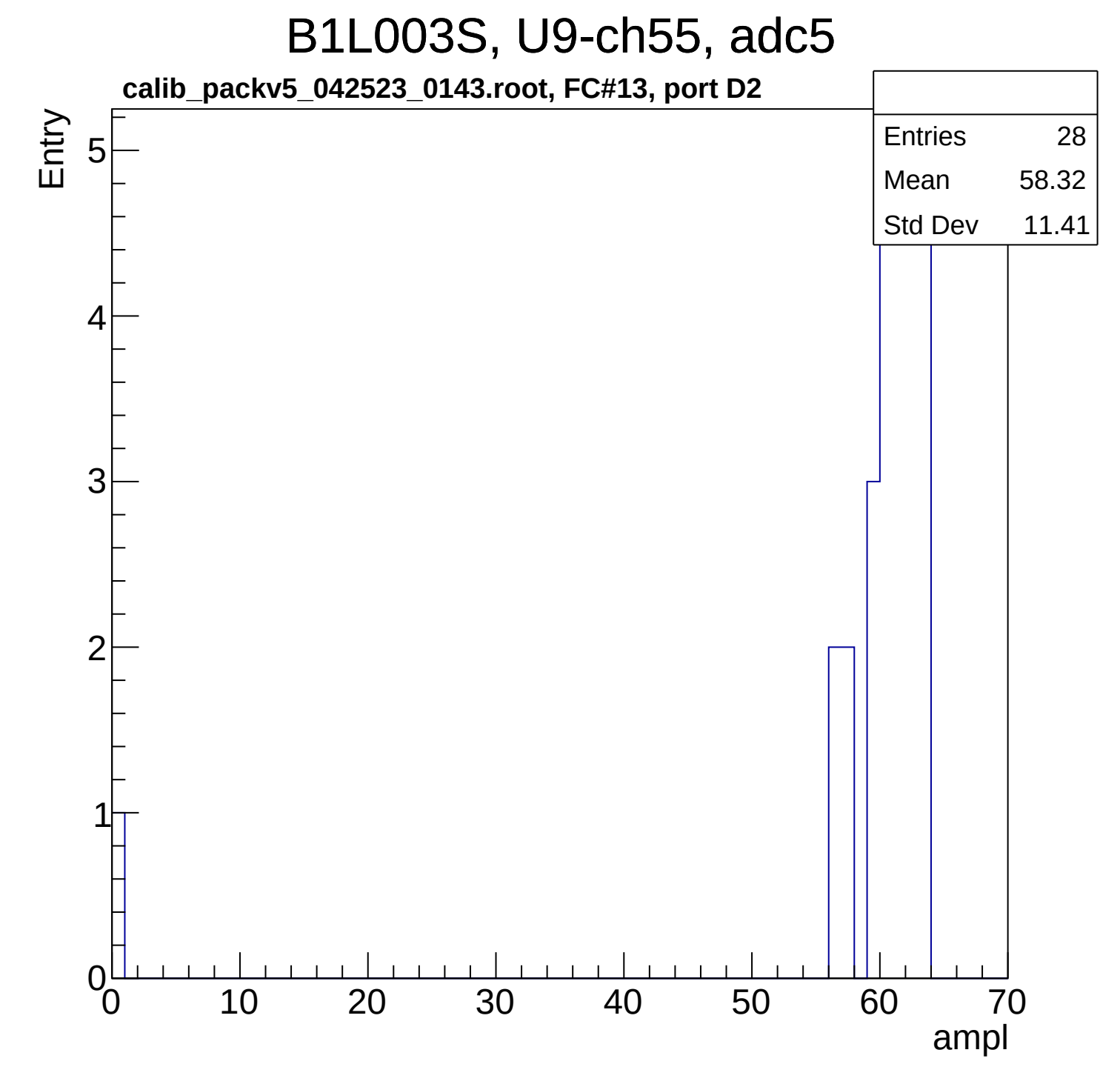
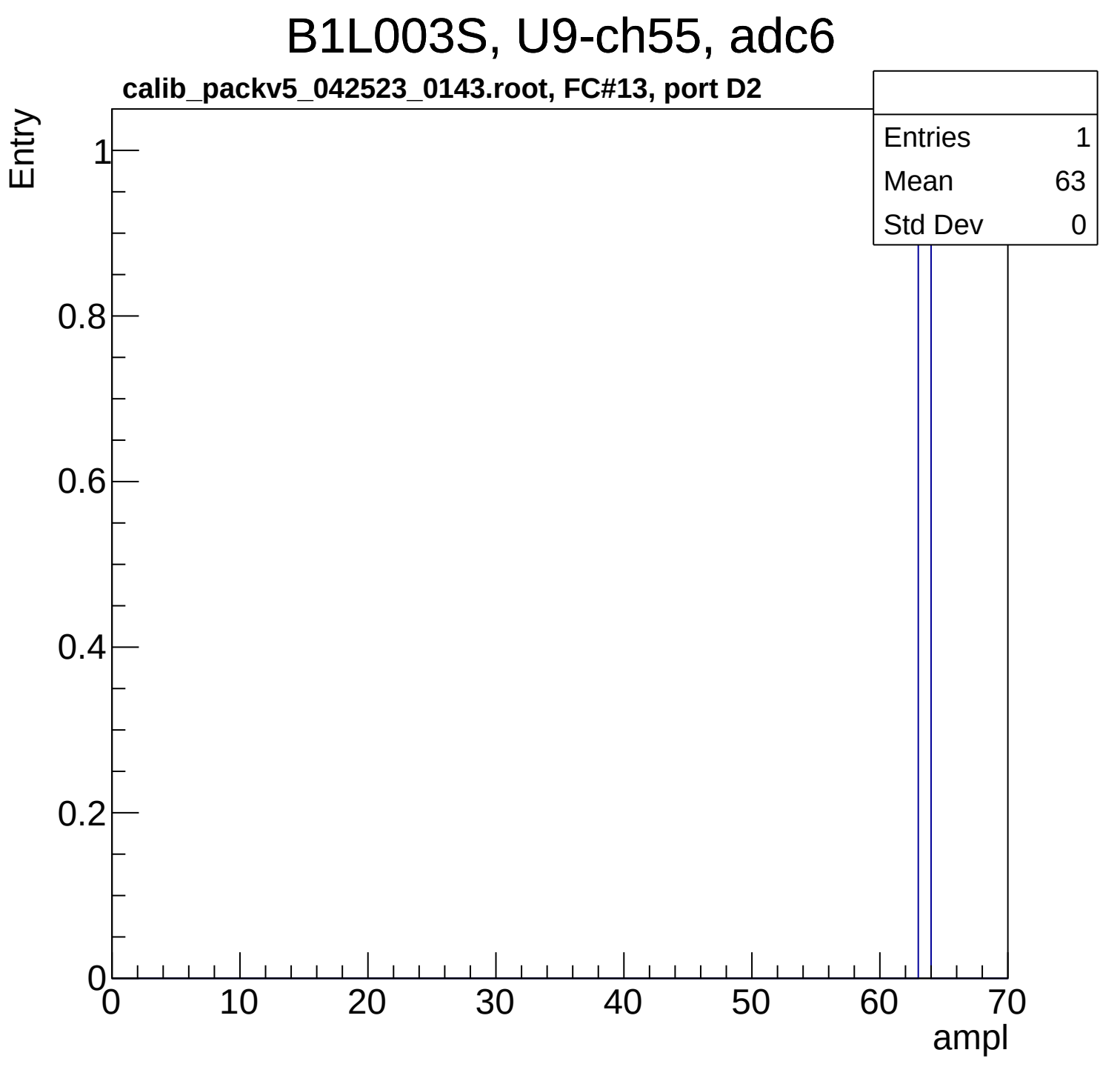

B1L003S, U9-ch55, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 50.51
Std Dev 3.311
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch55, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 57.66
Std Dev 3.12
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch55, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 28
Mean 58.32
Std Dev 11.41
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch55, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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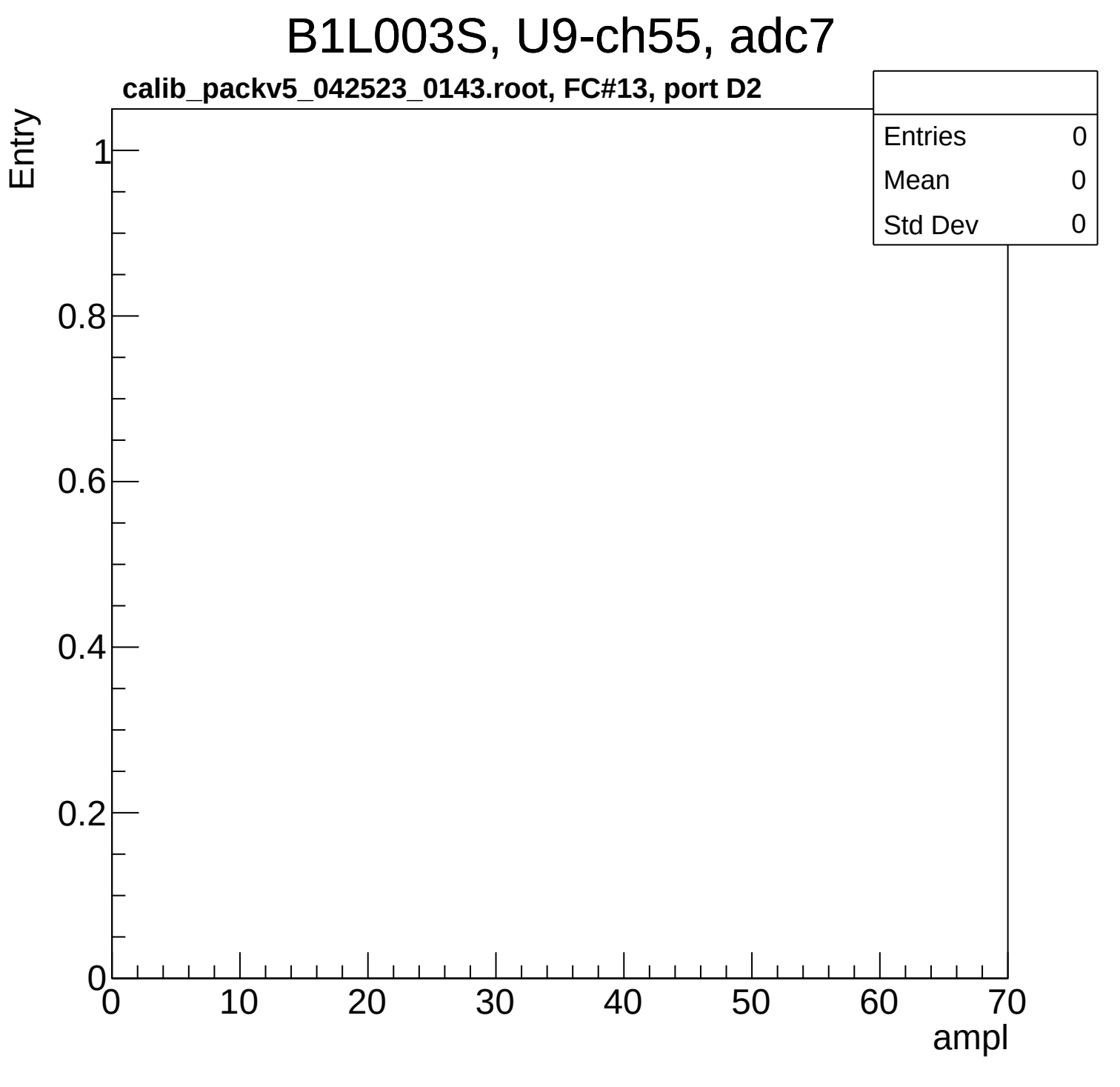
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch55, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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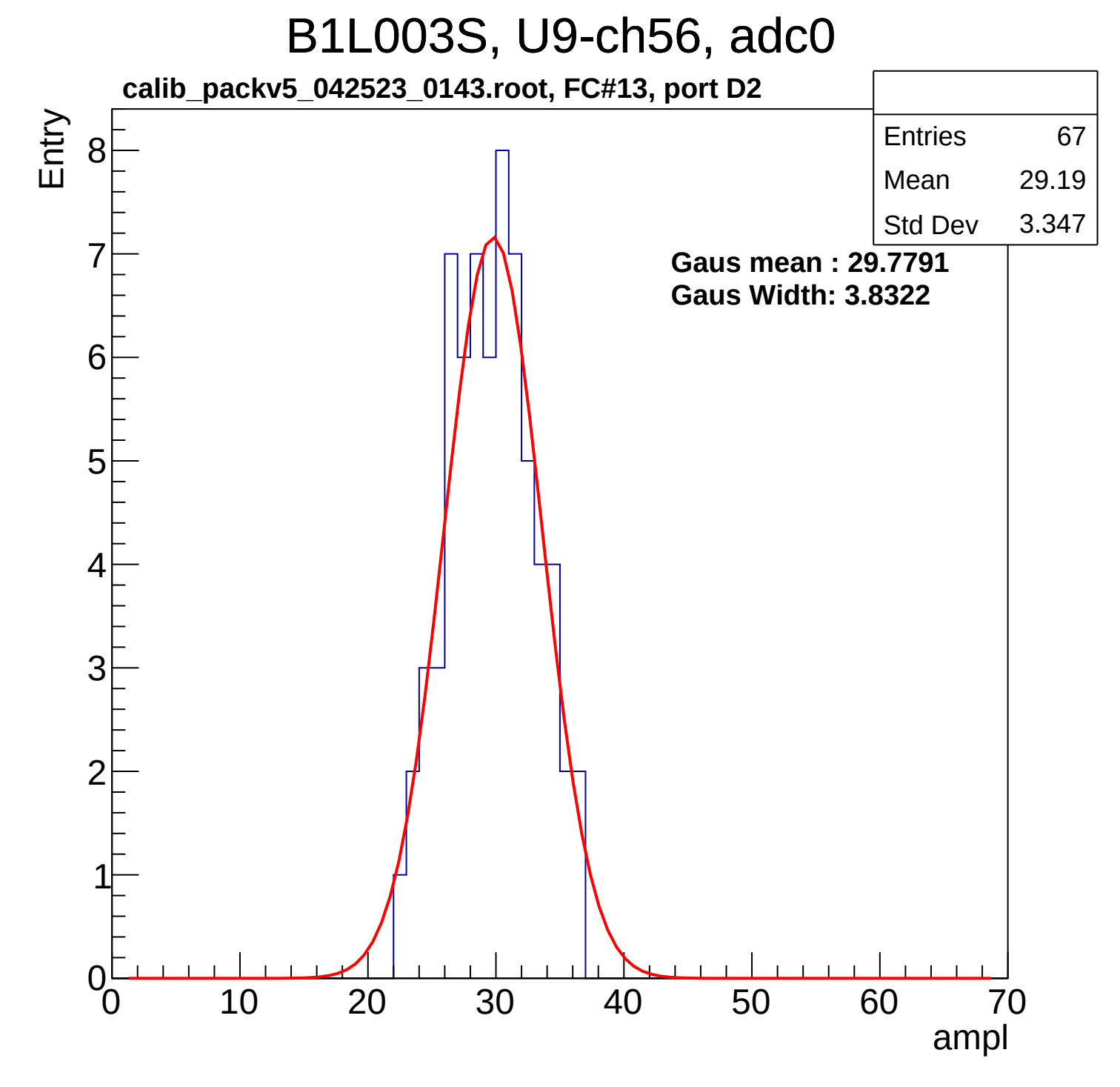
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch56, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 29.19
Std Dev 3.347
Gaus mean : 29.7791
Gaus Width: 3.8322
Entry
ampl
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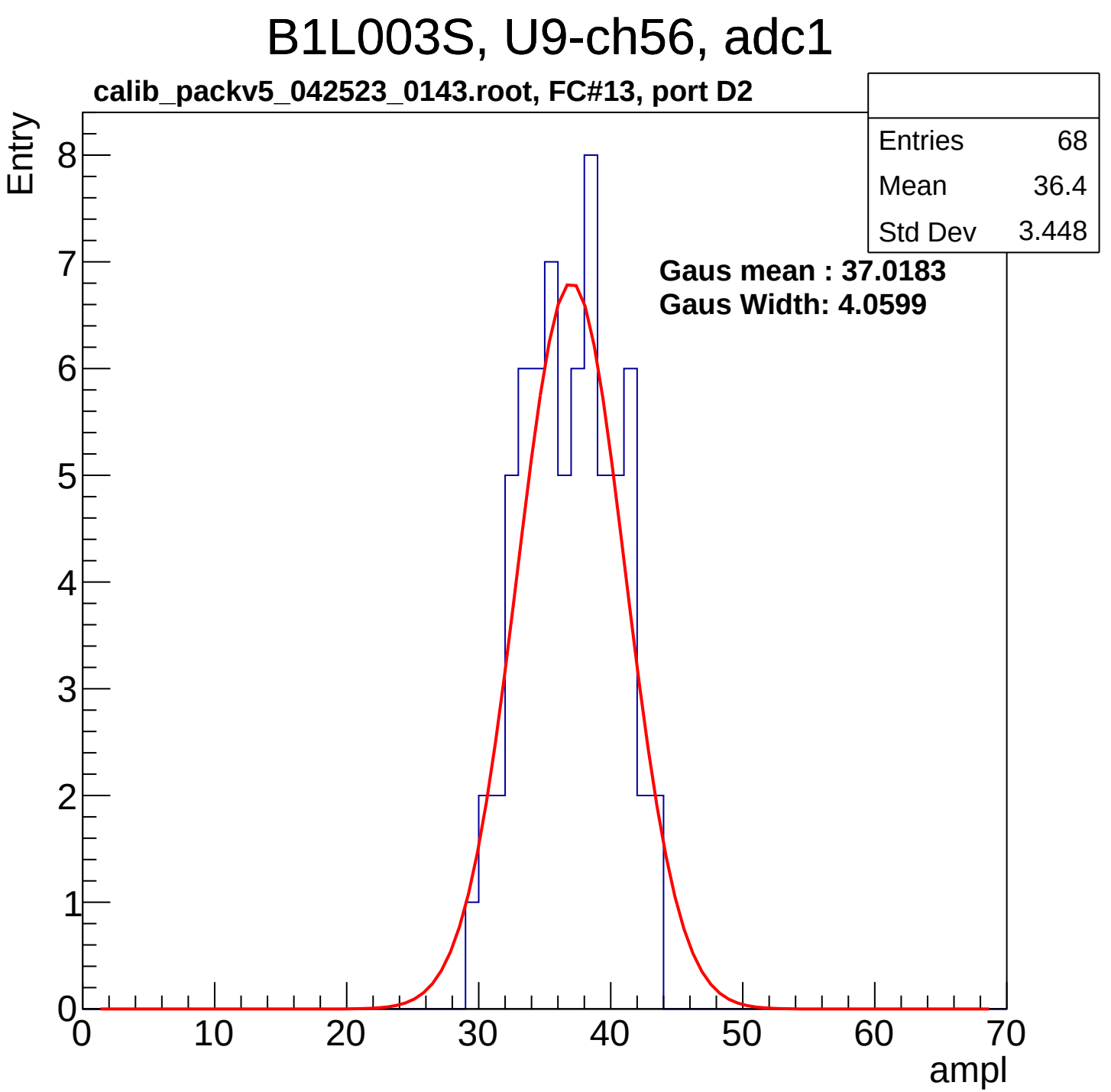
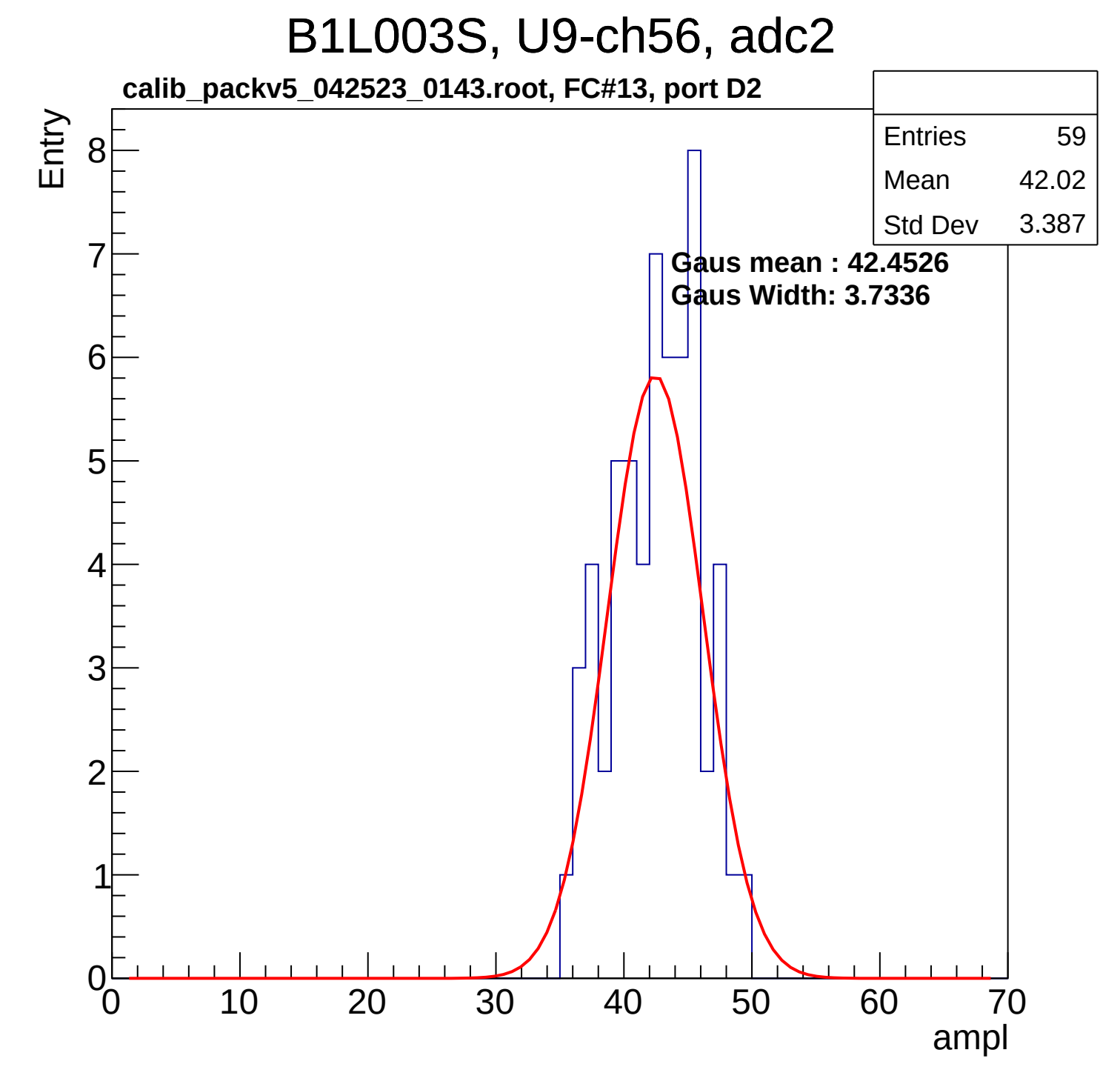
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch56, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 36.4
Std Dev 3.448
Gaus mean : 37.0183
Gaus Width: 4.0599
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch56, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 42.02
Std Dev 3.387
Gaus mean : 42.4526
Gaus Width: 3.7336
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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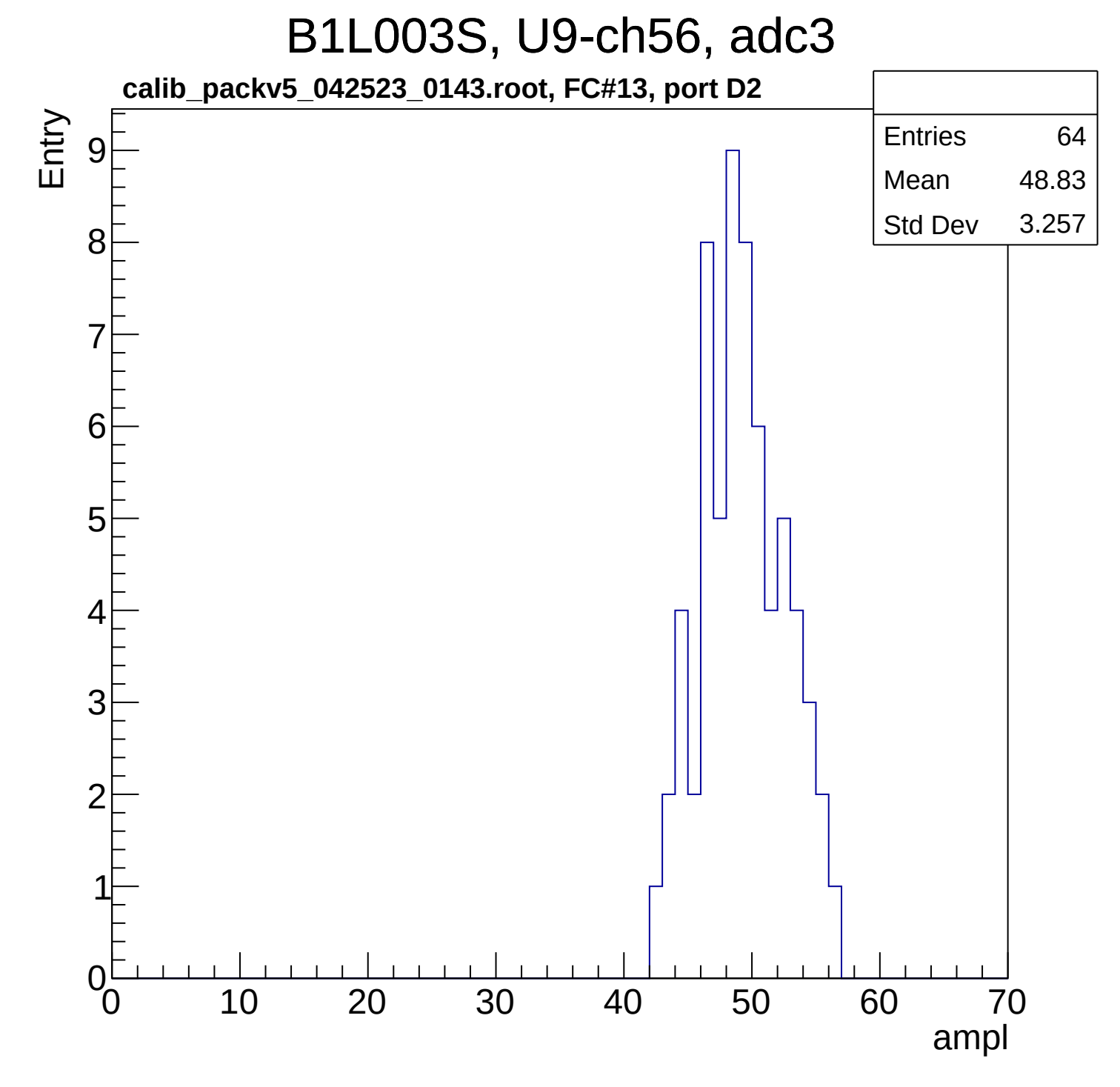
B1L003S, U9-ch56, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 48.83
Std Dev 3.257
Entry
ampl
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3
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5
6
7
8
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0
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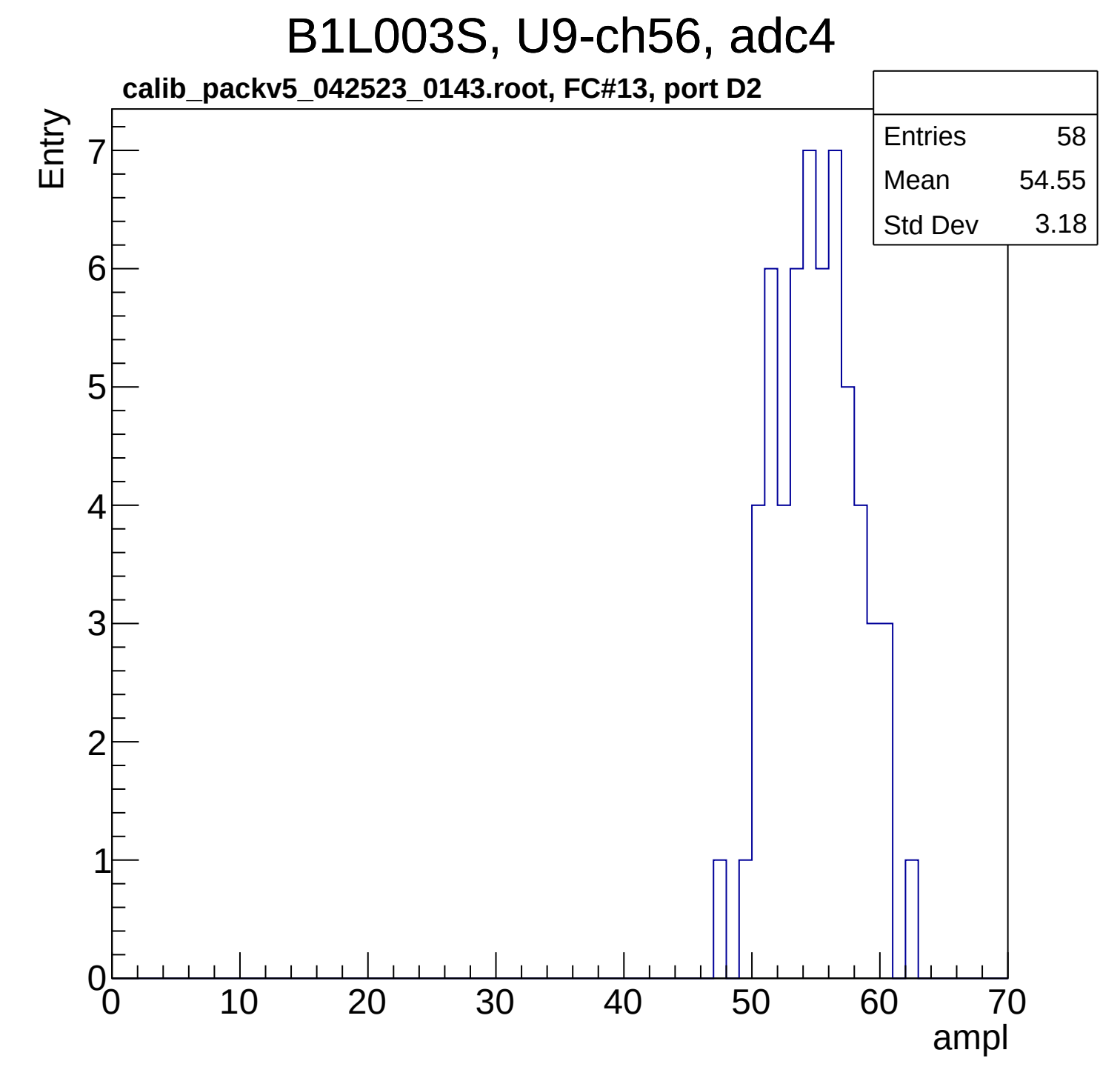
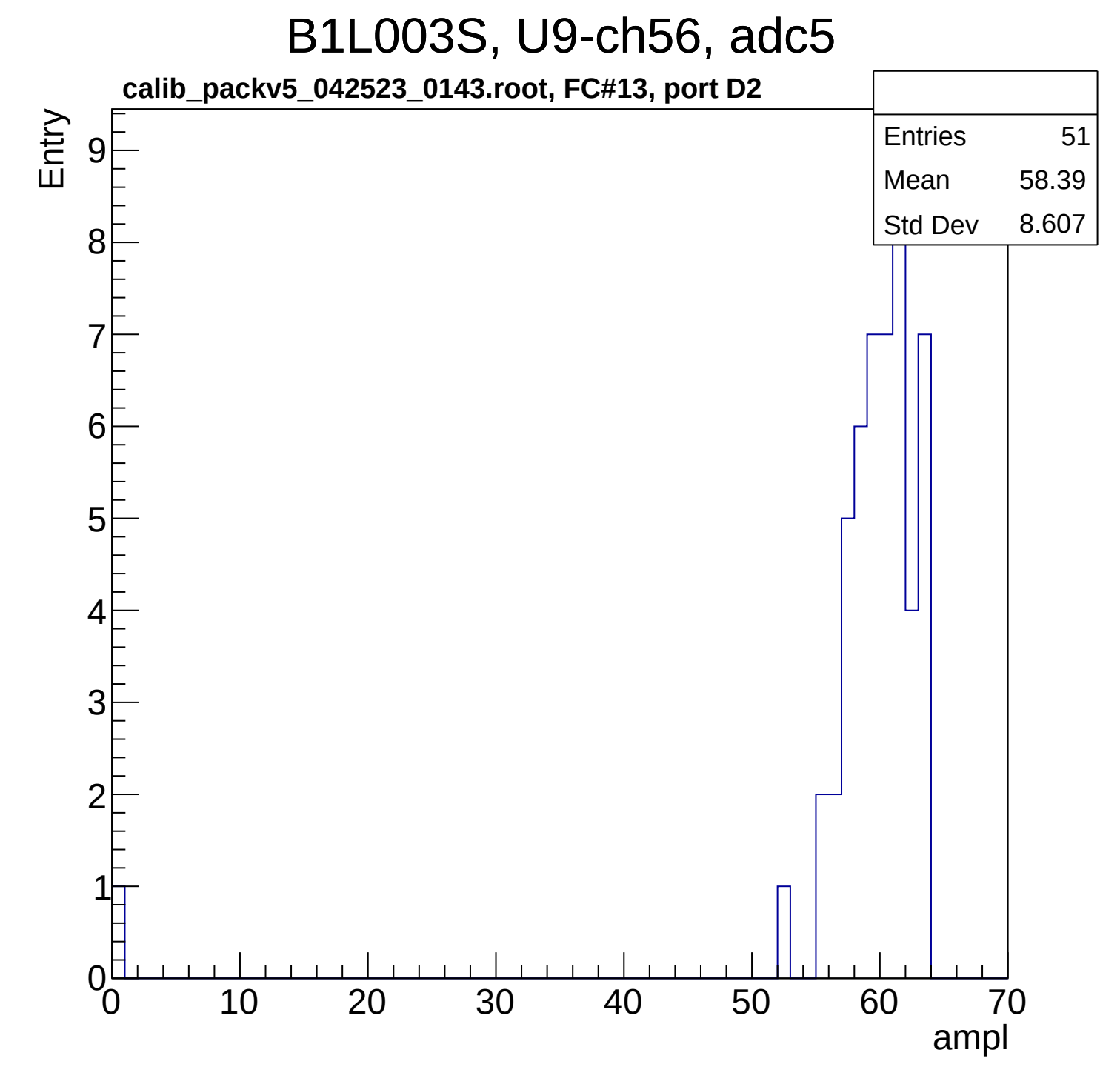
40
50
60
70


B1L003S, U9-ch56, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 54.55
Std Dev 3.18
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch56, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 58.39
Std Dev 8.607
Entry
ampl
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3
4
5
6
7
8
9
0
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40
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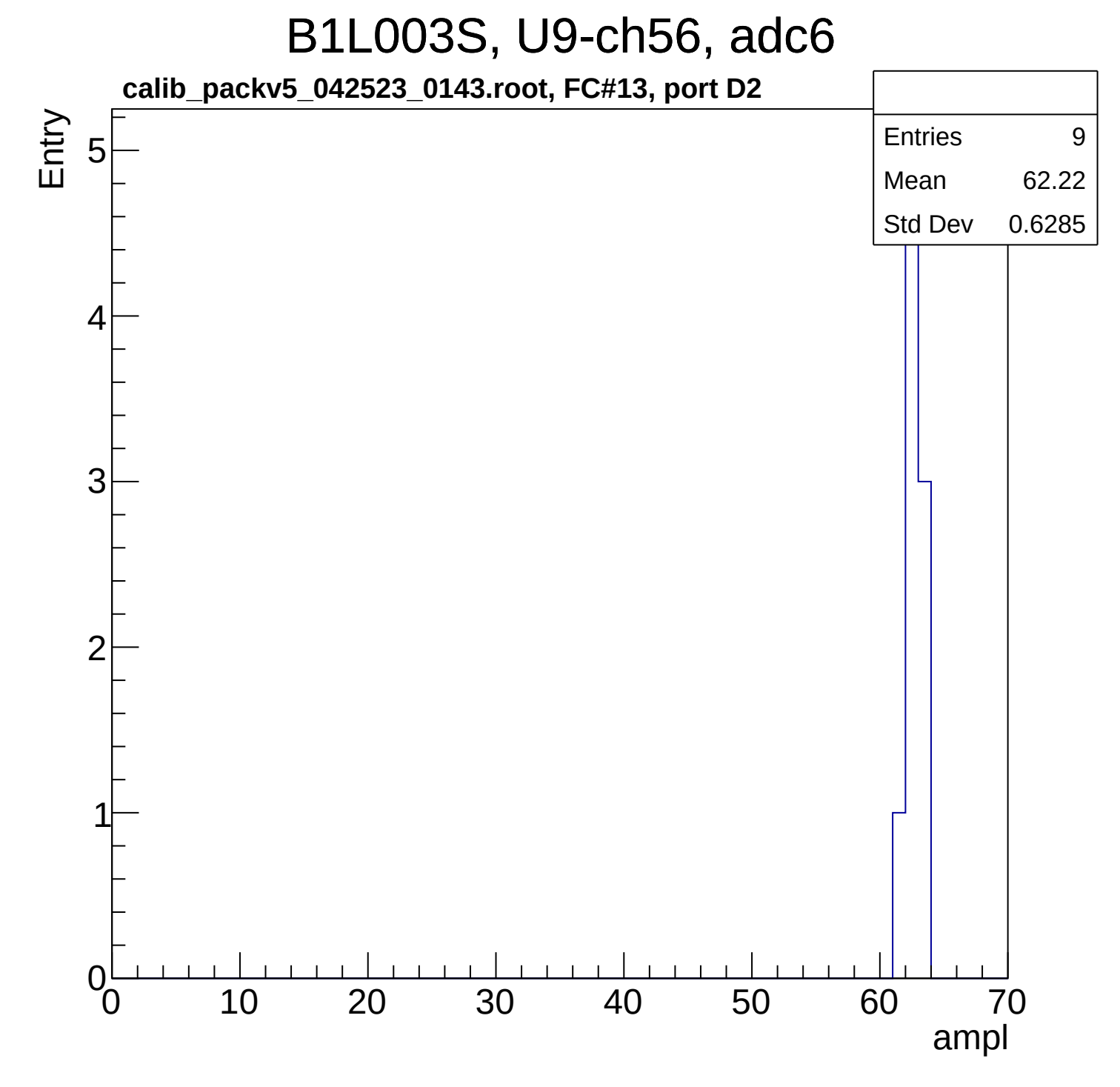
B1L003S, U9-ch56, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 62.22
Std Dev 0.6285
Entry
ampl
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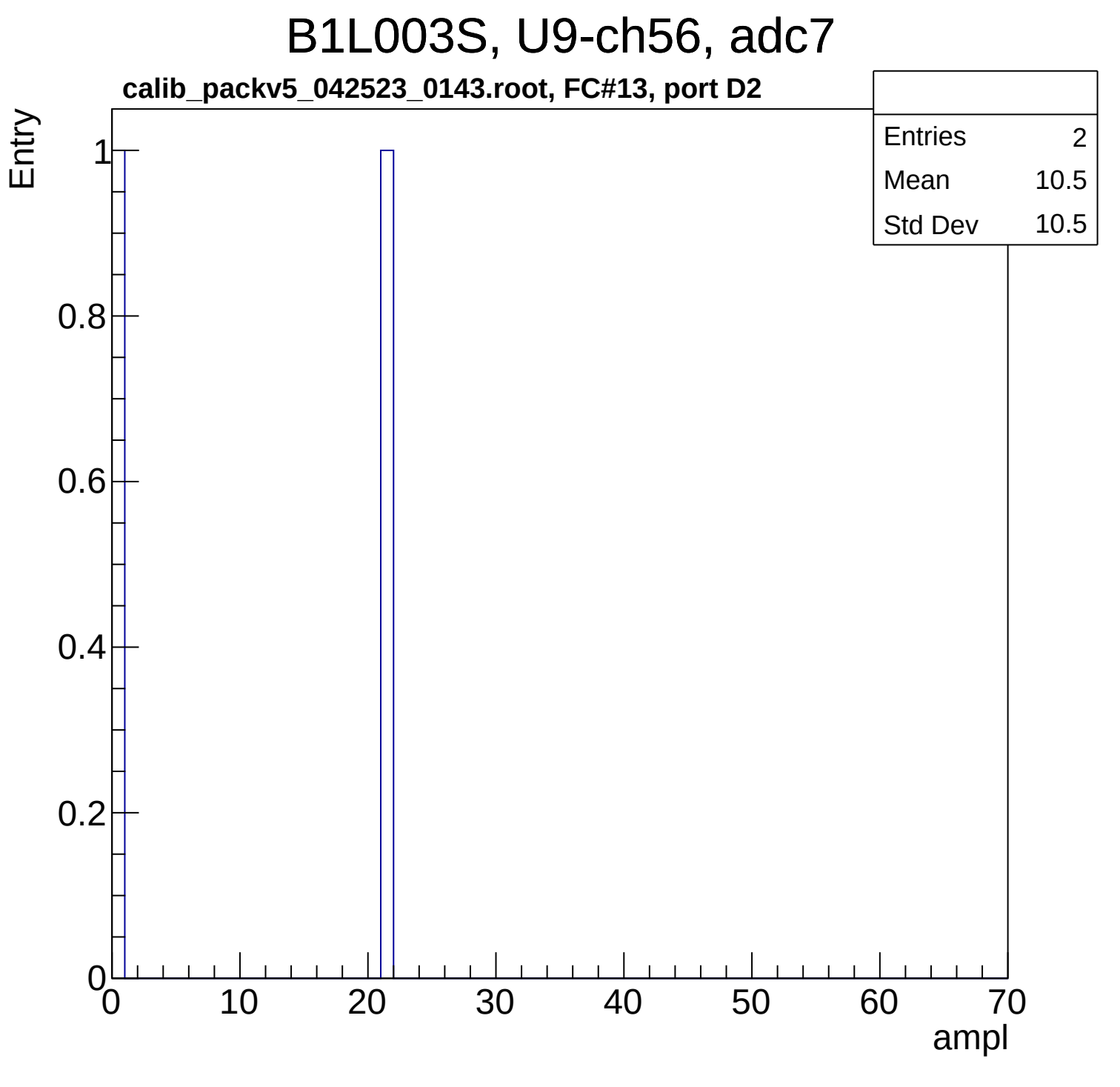
2
3
4
5
0
10
20
30
40
50
60
70


B1L003S, U9-ch56, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
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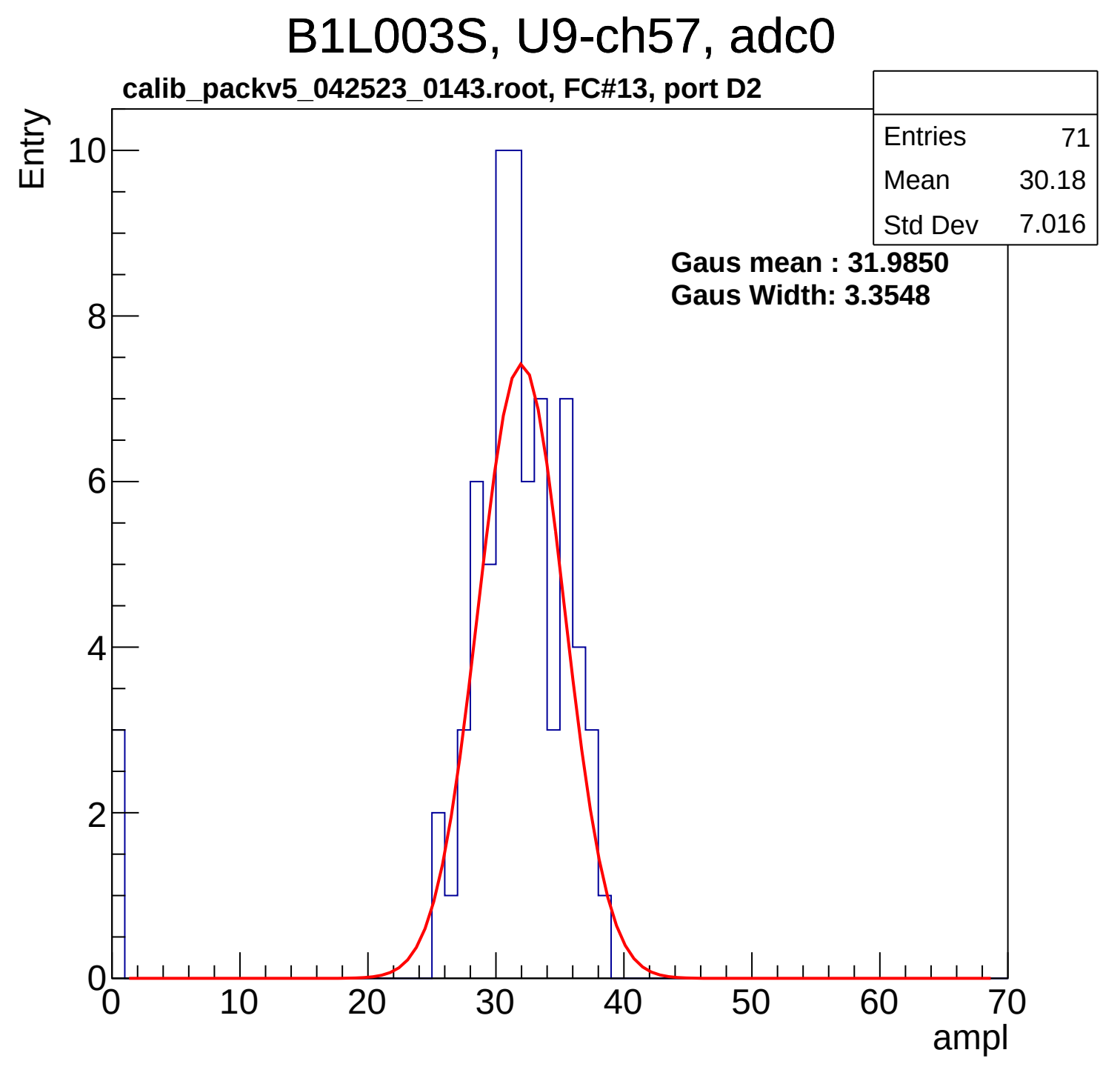
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch57, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 30.18
Std Dev 7.016
Gaus mean : 31.9850
Gaus Width: 3.3548
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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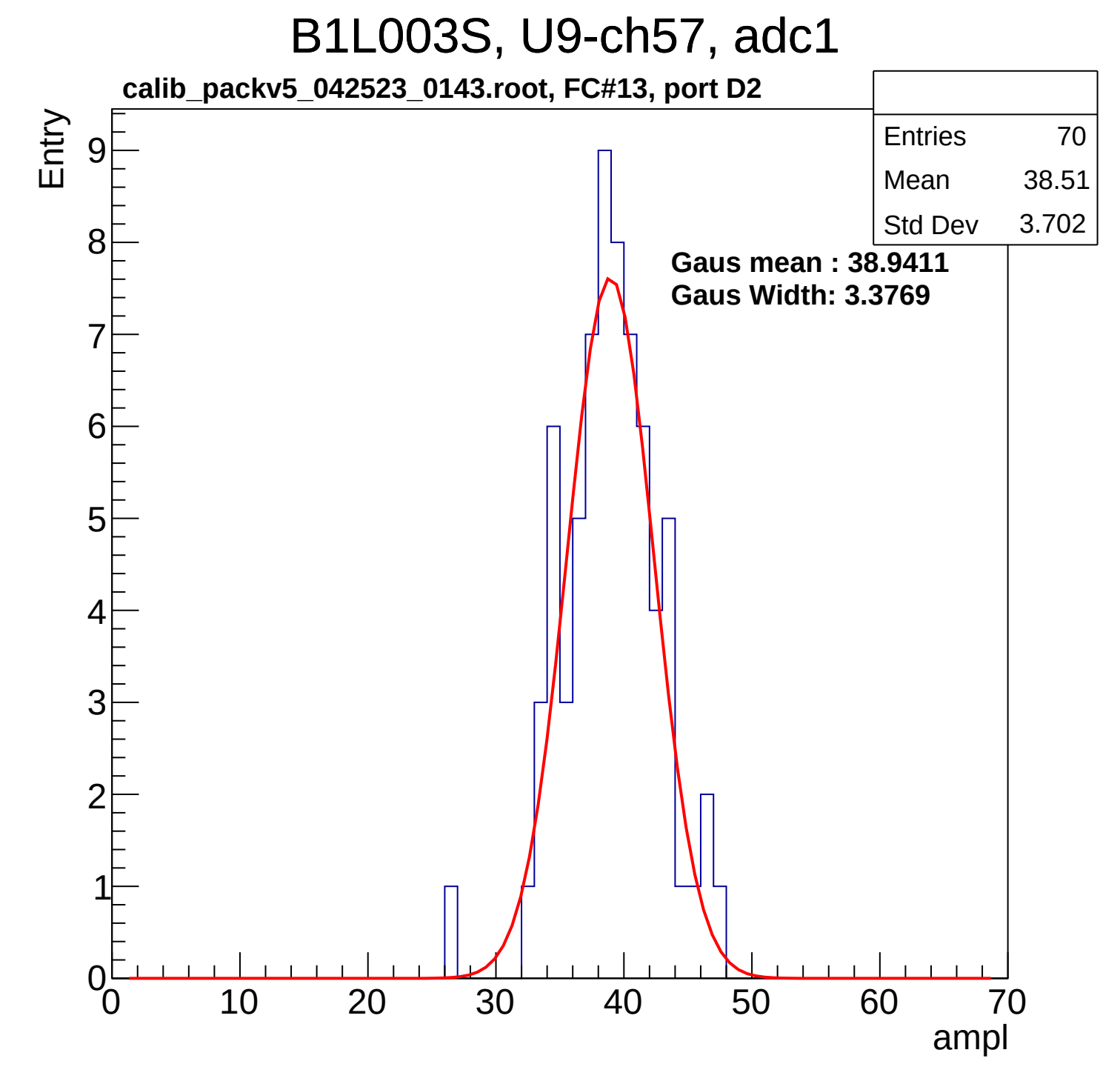
B1L003S, U9-ch57, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 38.51
Std Dev 3.702
Gaus mean : 38.9411
Gaus Width: 3.3769
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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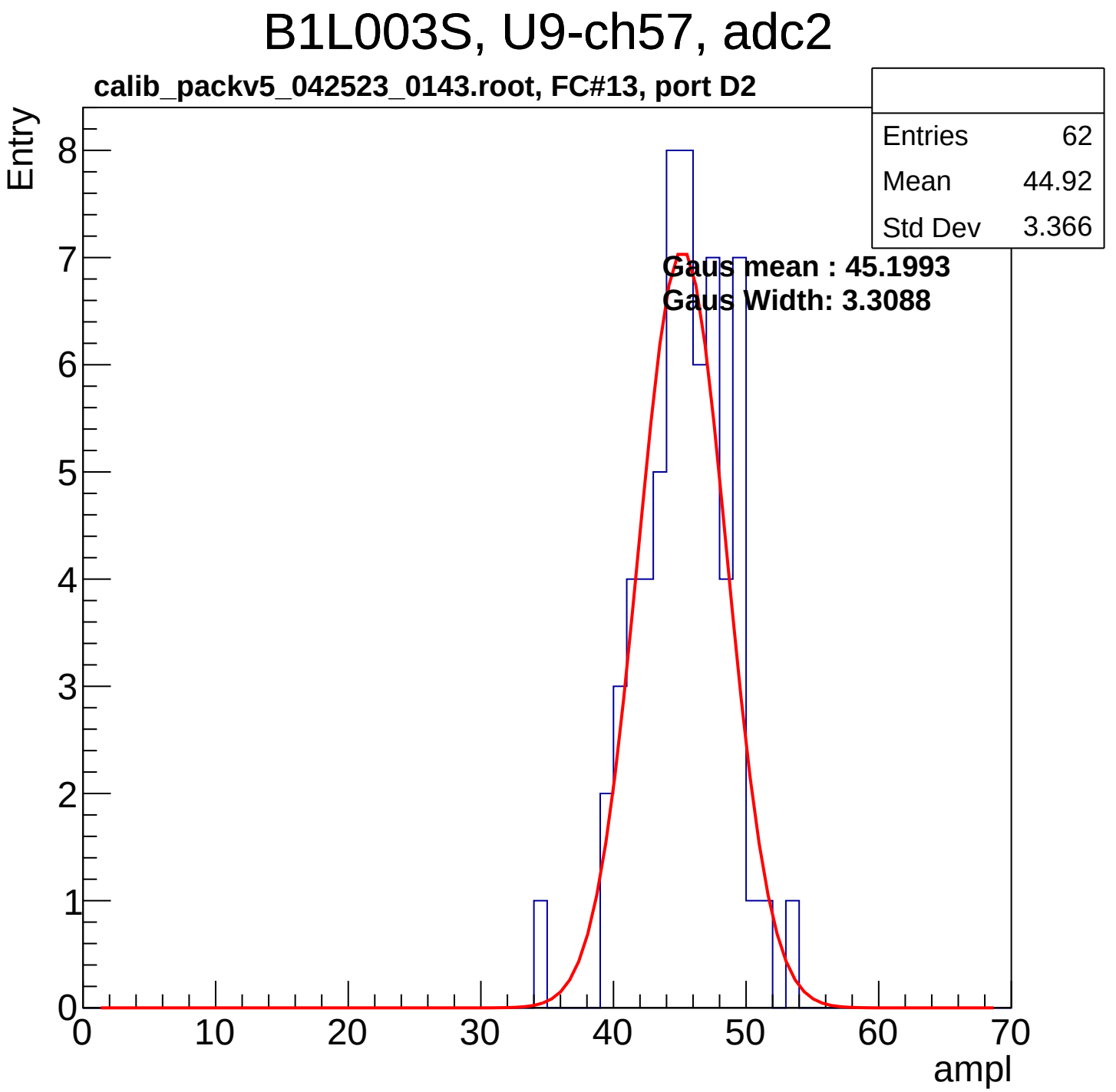
B1L003S, U9-ch57, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 44.92
Std Dev 3.366
Gaus mean : 45.1993
Gaus Width: 3.3088
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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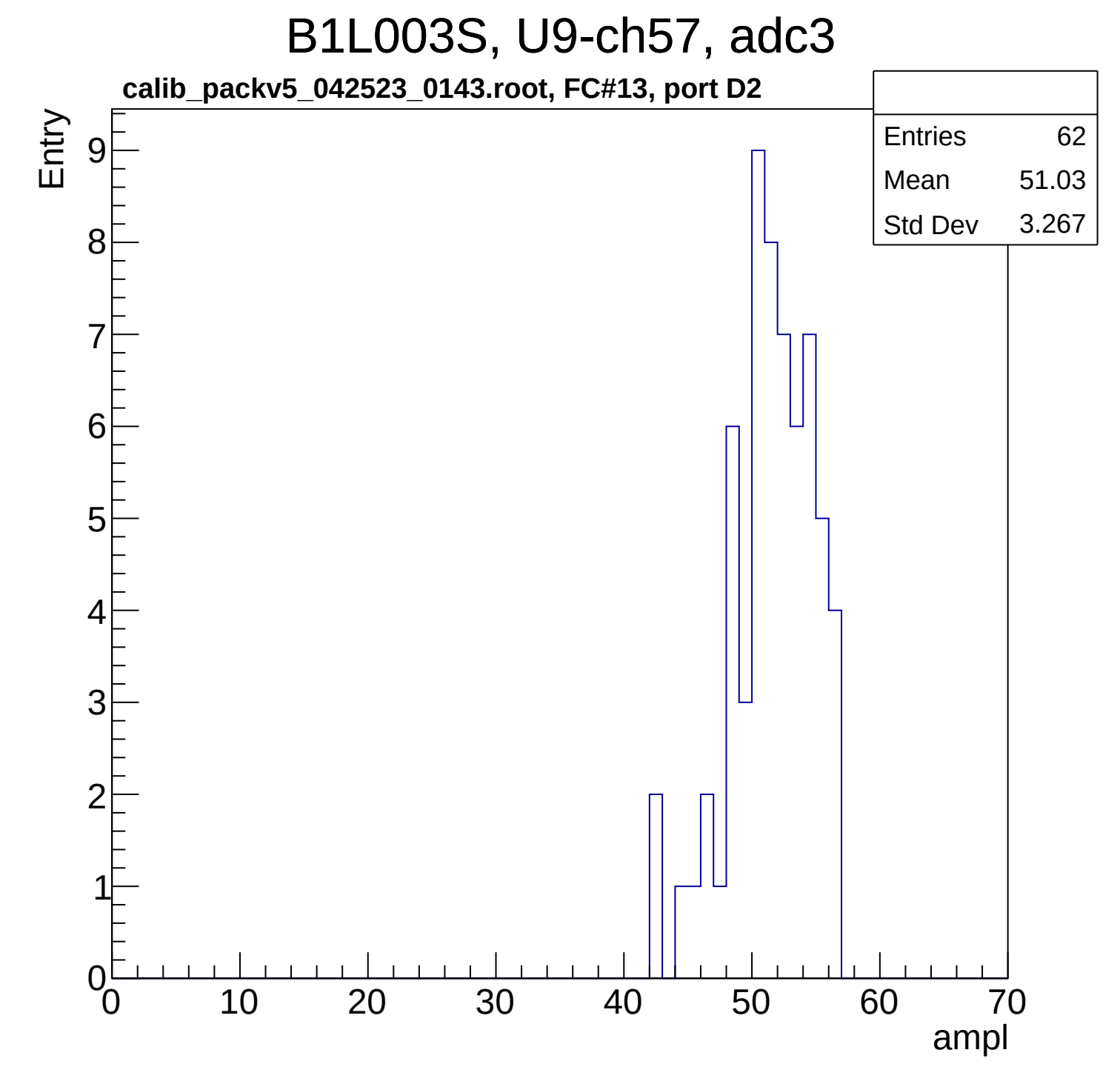
B1L003S, U9-ch57, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 51.03
Std Dev 3.267
Entry
ampl
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3
4
5
6
7
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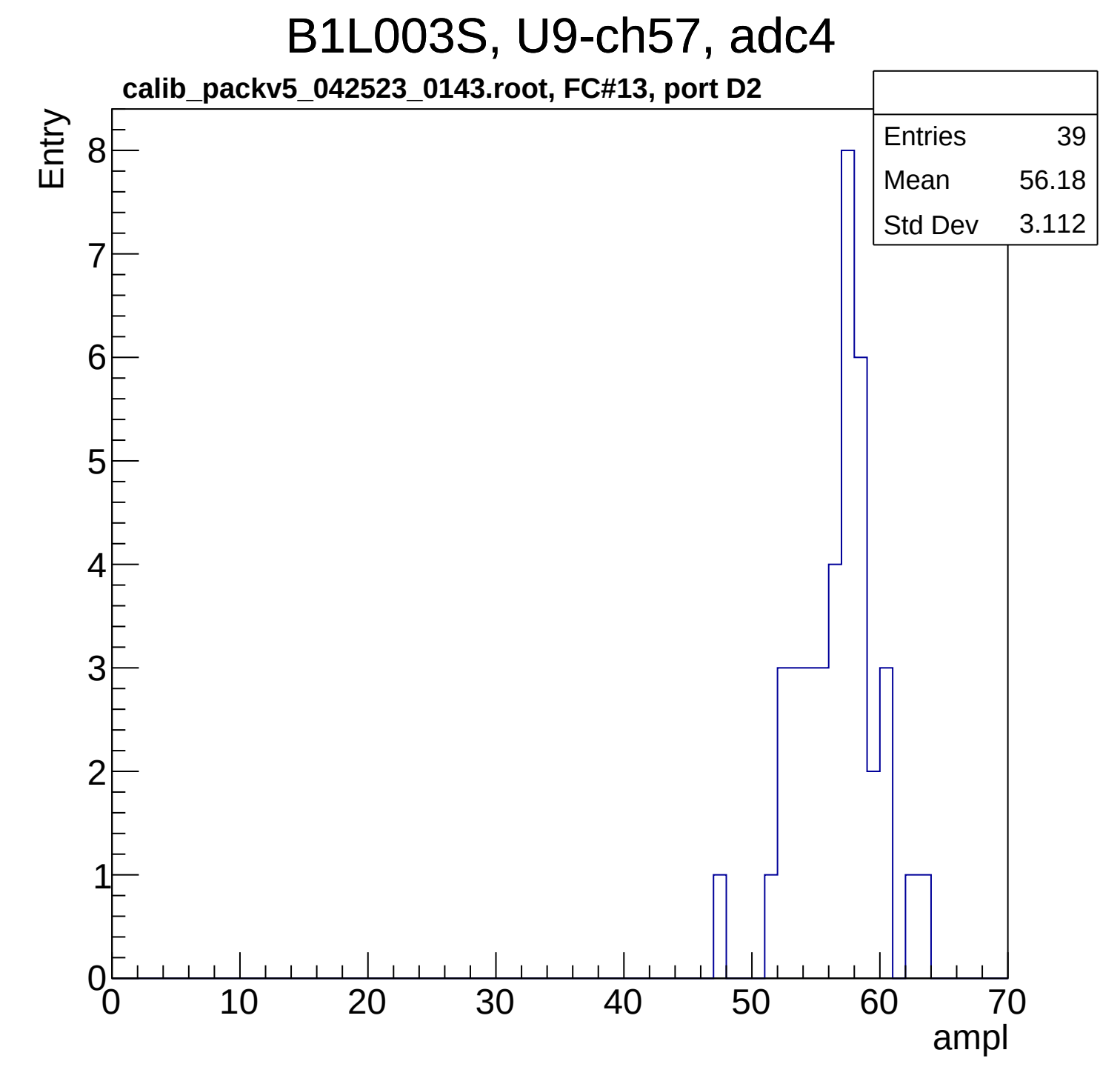
B1L003S, U9-ch57, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 56.18
Std Dev 3.112
Entry
ampl
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3
4
5
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0
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40
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60
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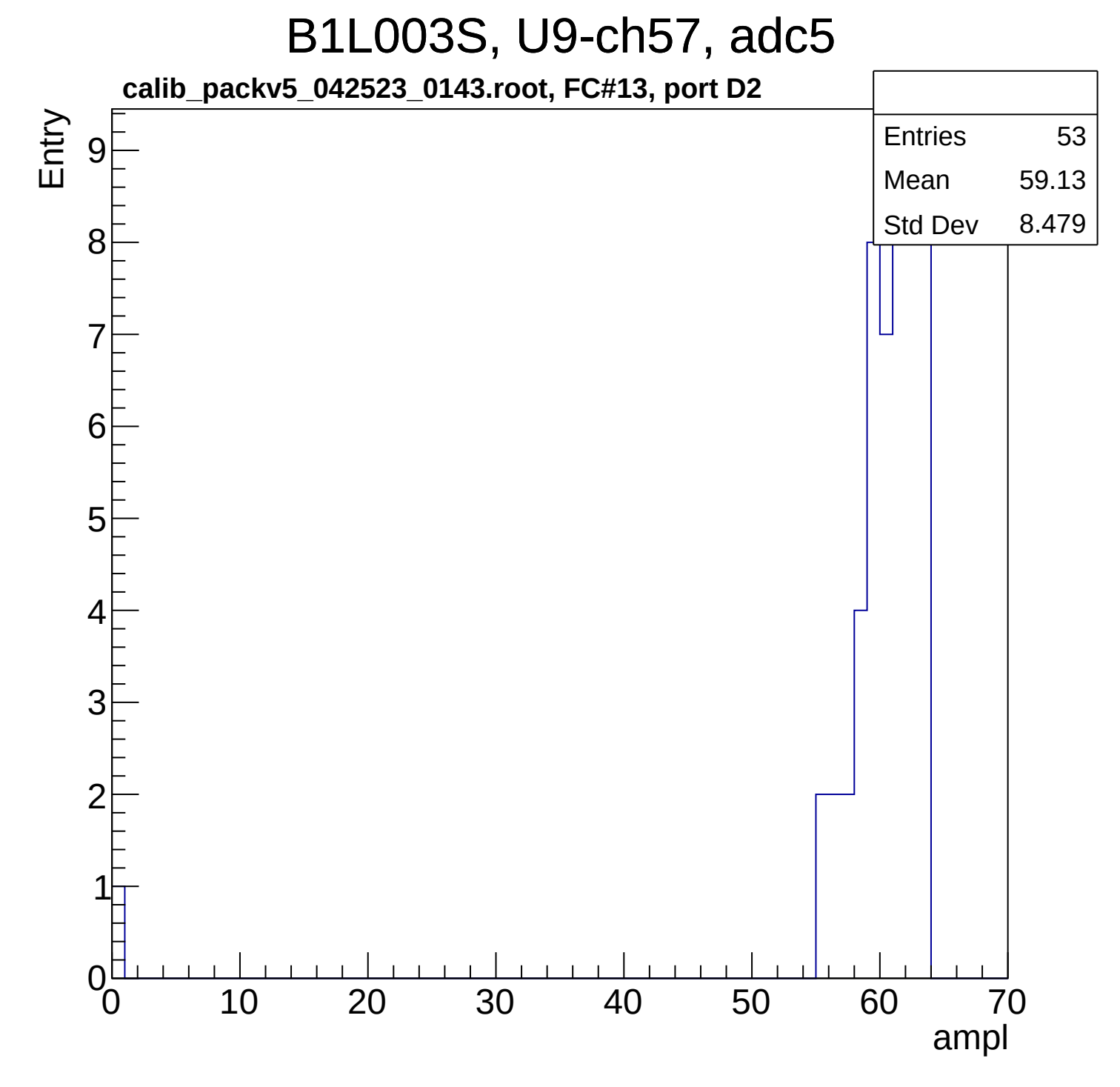
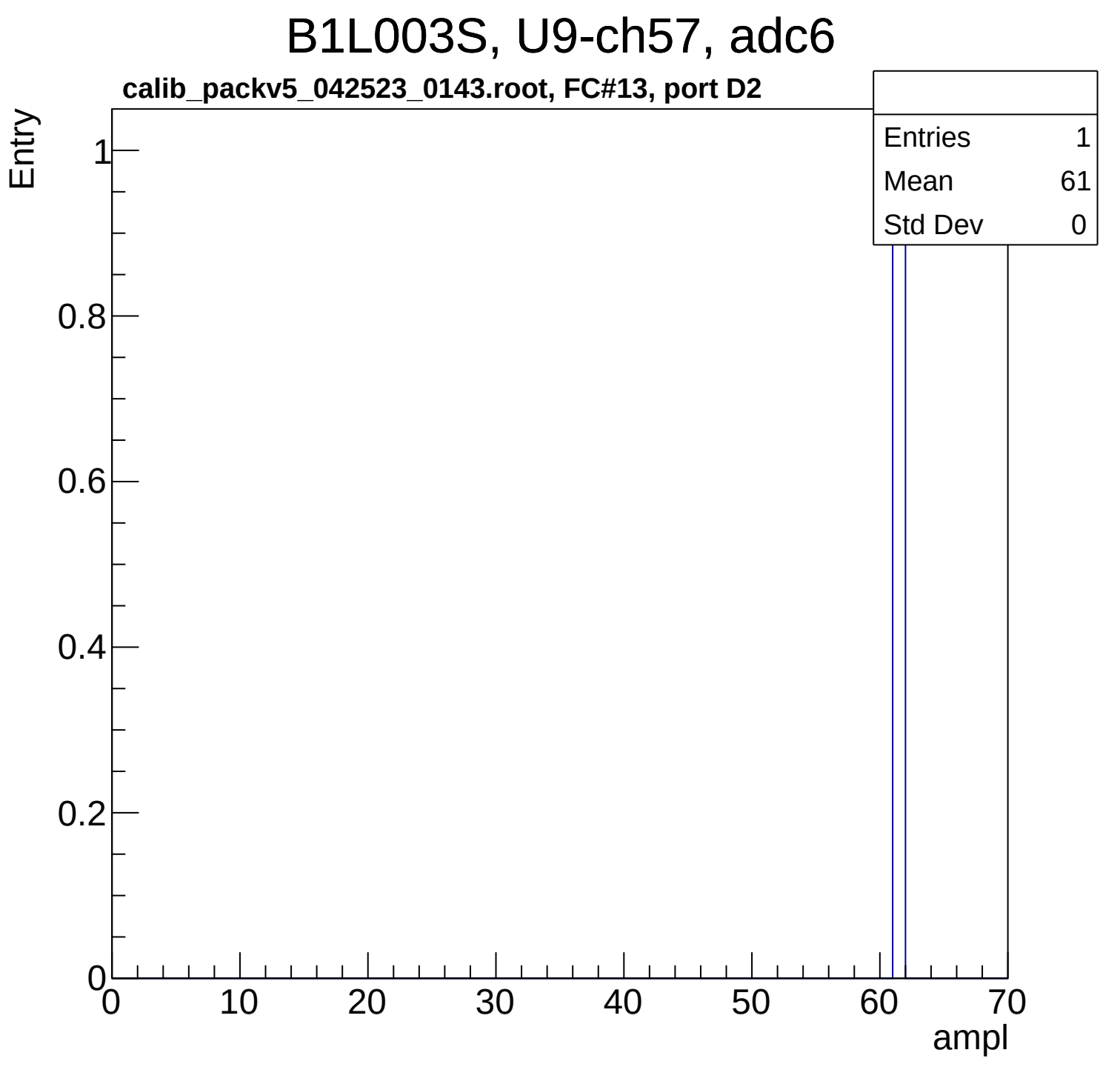

B1L003S, U9-ch57, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 59.13
Std Dev 8.479
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch57, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
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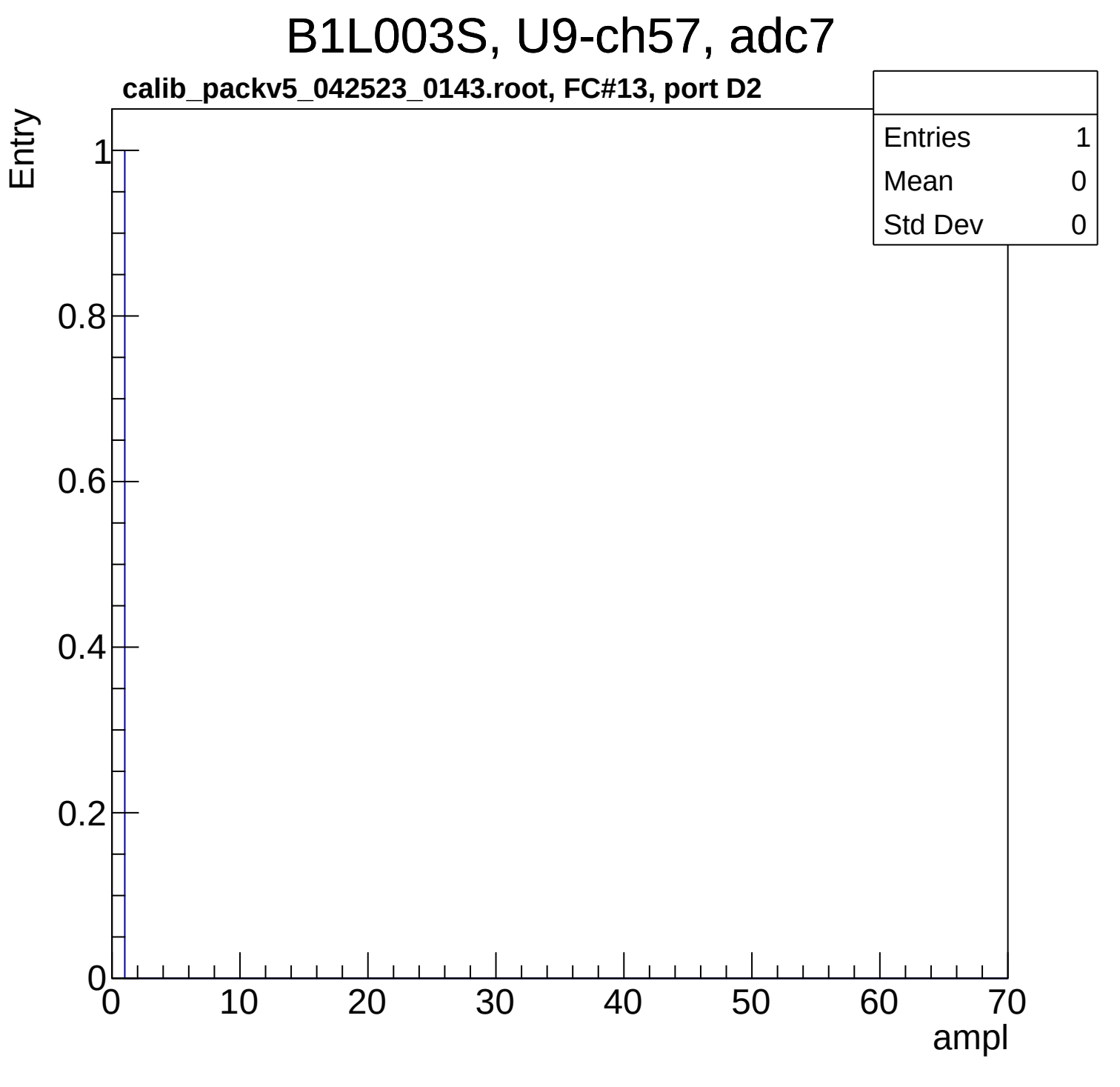
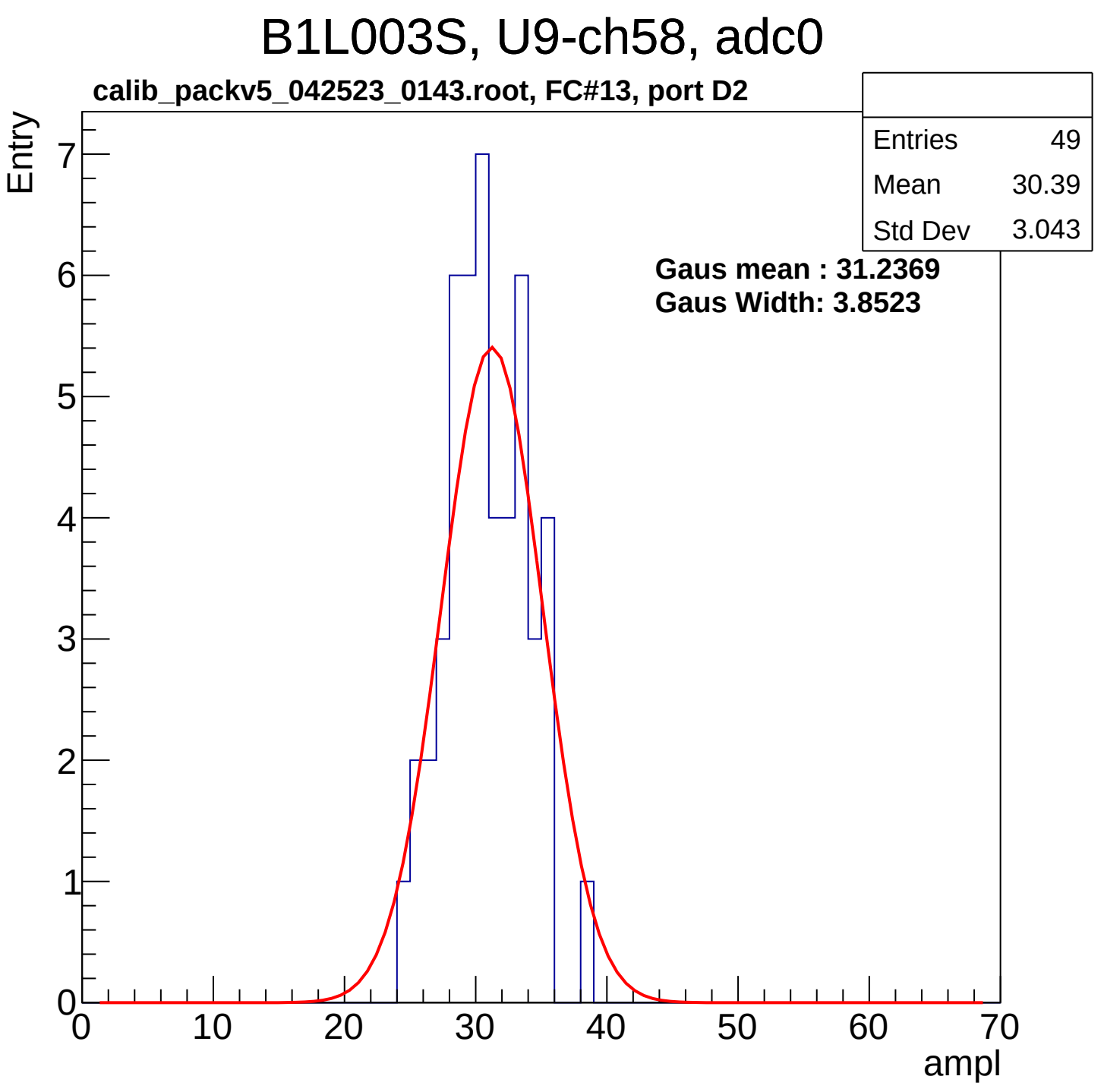
50
60
70
ampl


B1L003S, U9-ch57, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch58, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 30.39
Std Dev 3.043
Gaus mean : 31.2369
Gaus Width: 3.8523
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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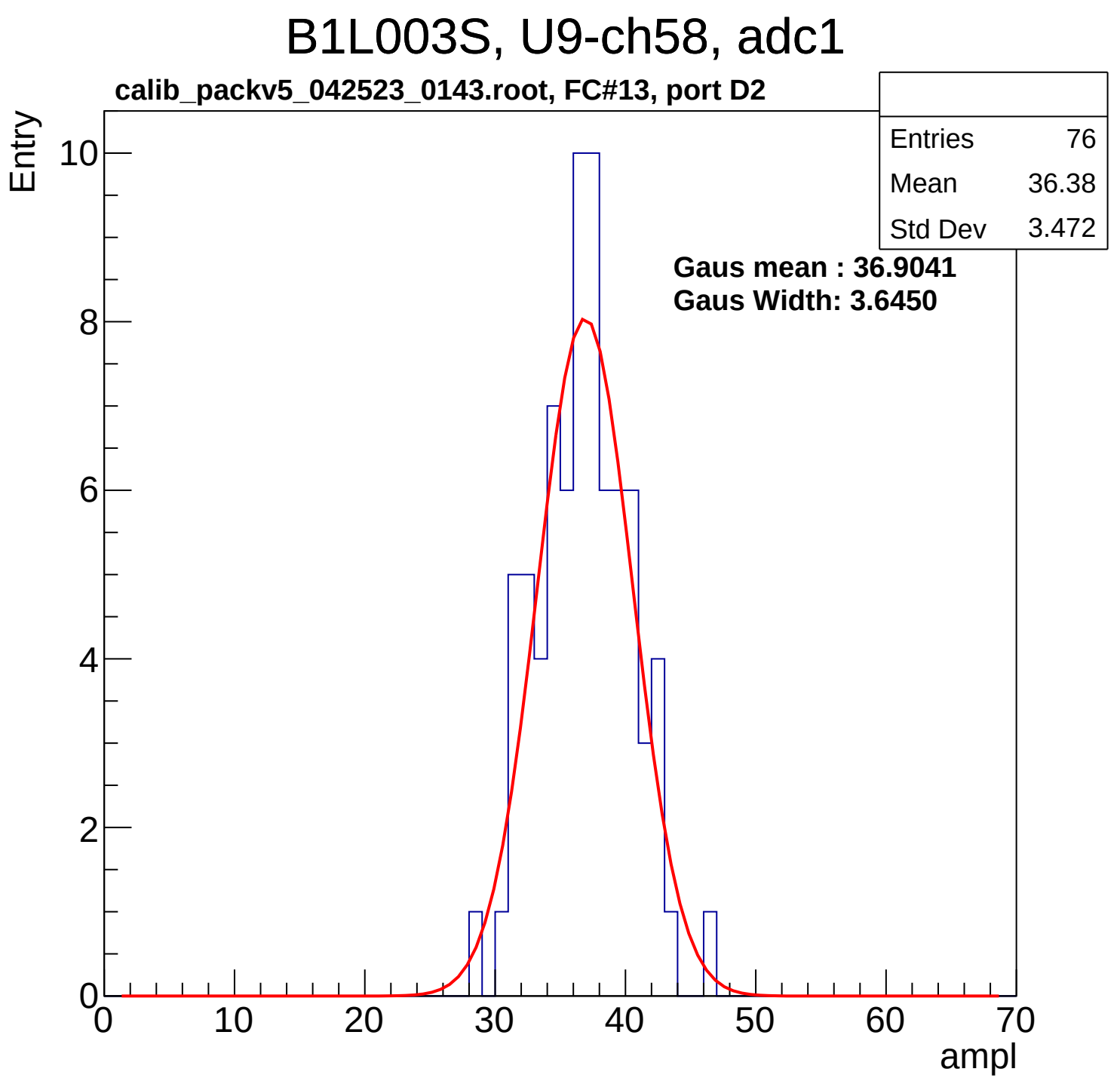
B1L003S, U9-ch58, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 36.38
Std Dev 3.472
Gaus mean : 36.9041
Gaus Width: 3.6450
Entry
ampl
0
2
4
6
8
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0
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20
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40
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60
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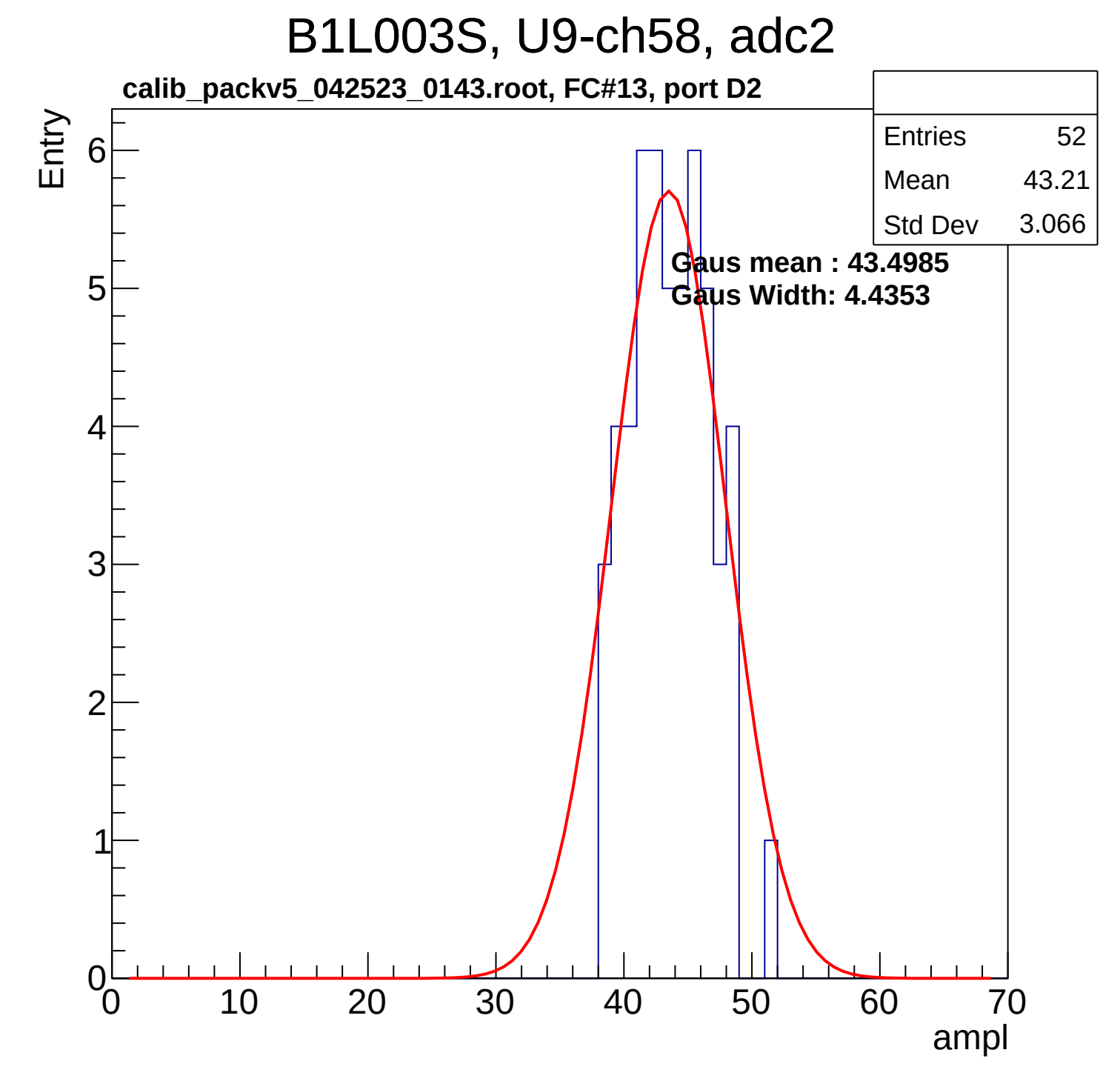
B1L003S, U9-ch58, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 43.21
Std Dev 3.066
Gaus mean : 43.4985
Gaus Width: 4.4353
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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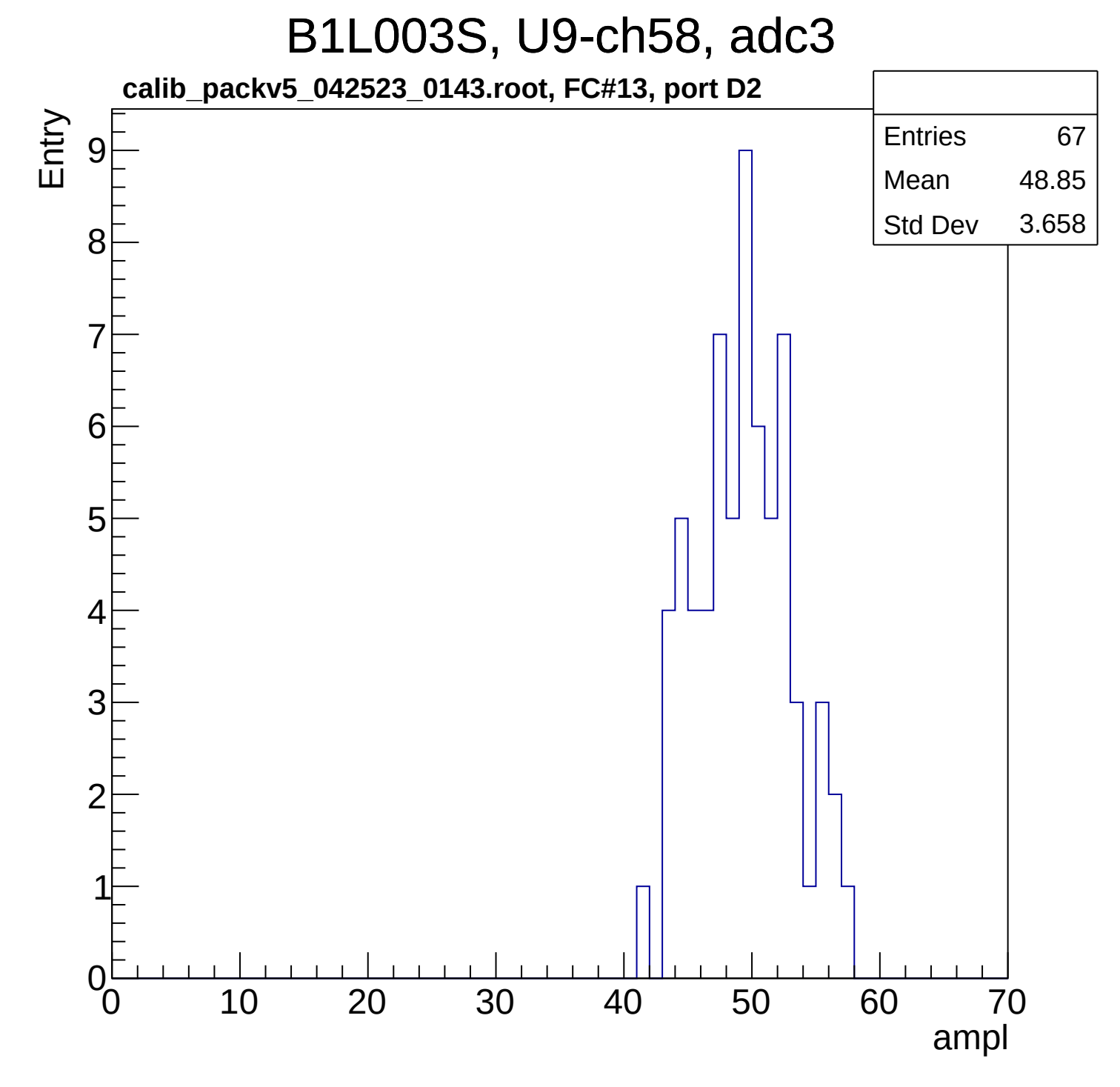
B1L003S, U9-ch58, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 48.85
Std Dev 3.658
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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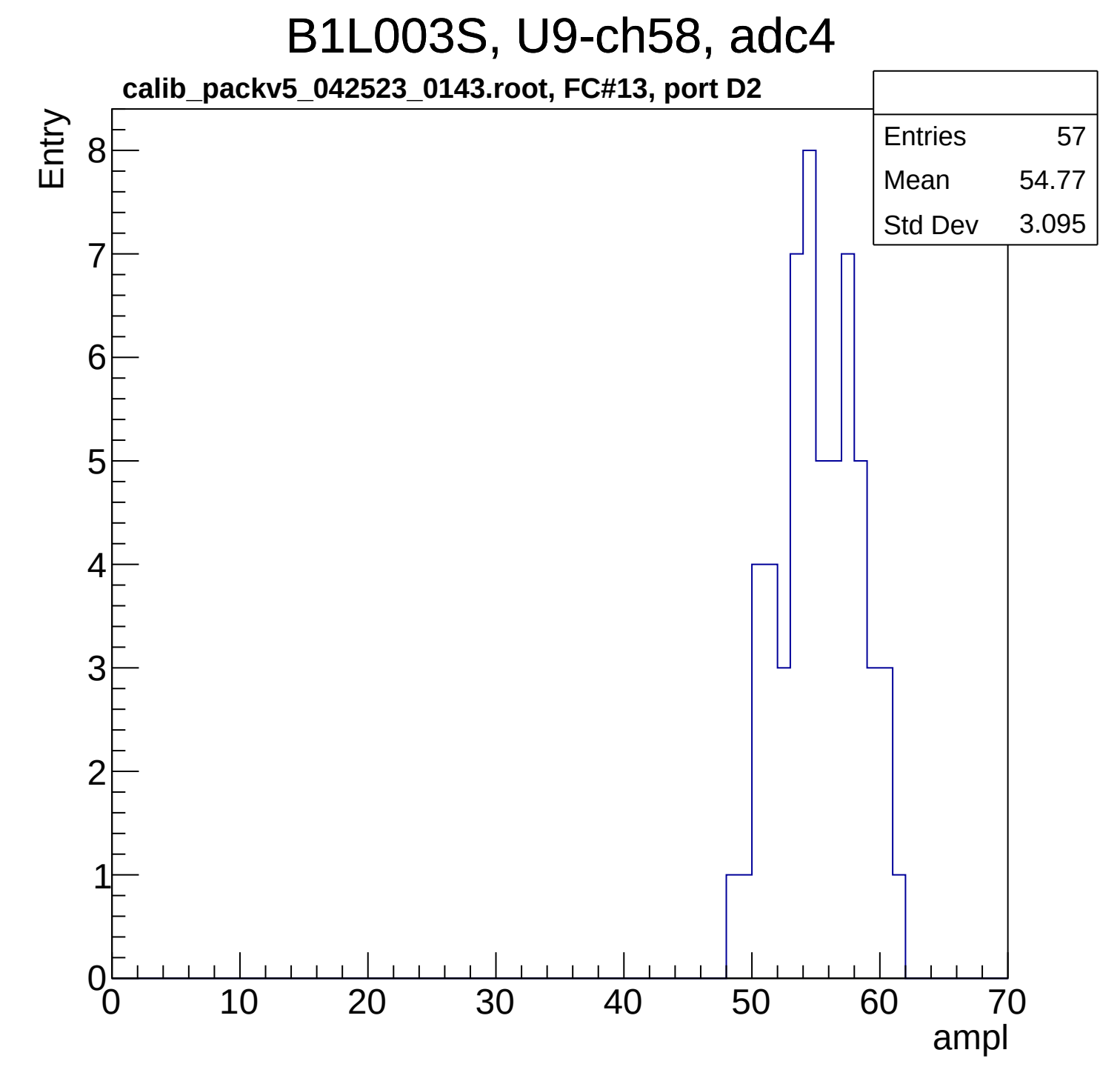
B1L003S, U9-ch58, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 54.77
Std Dev 3.095
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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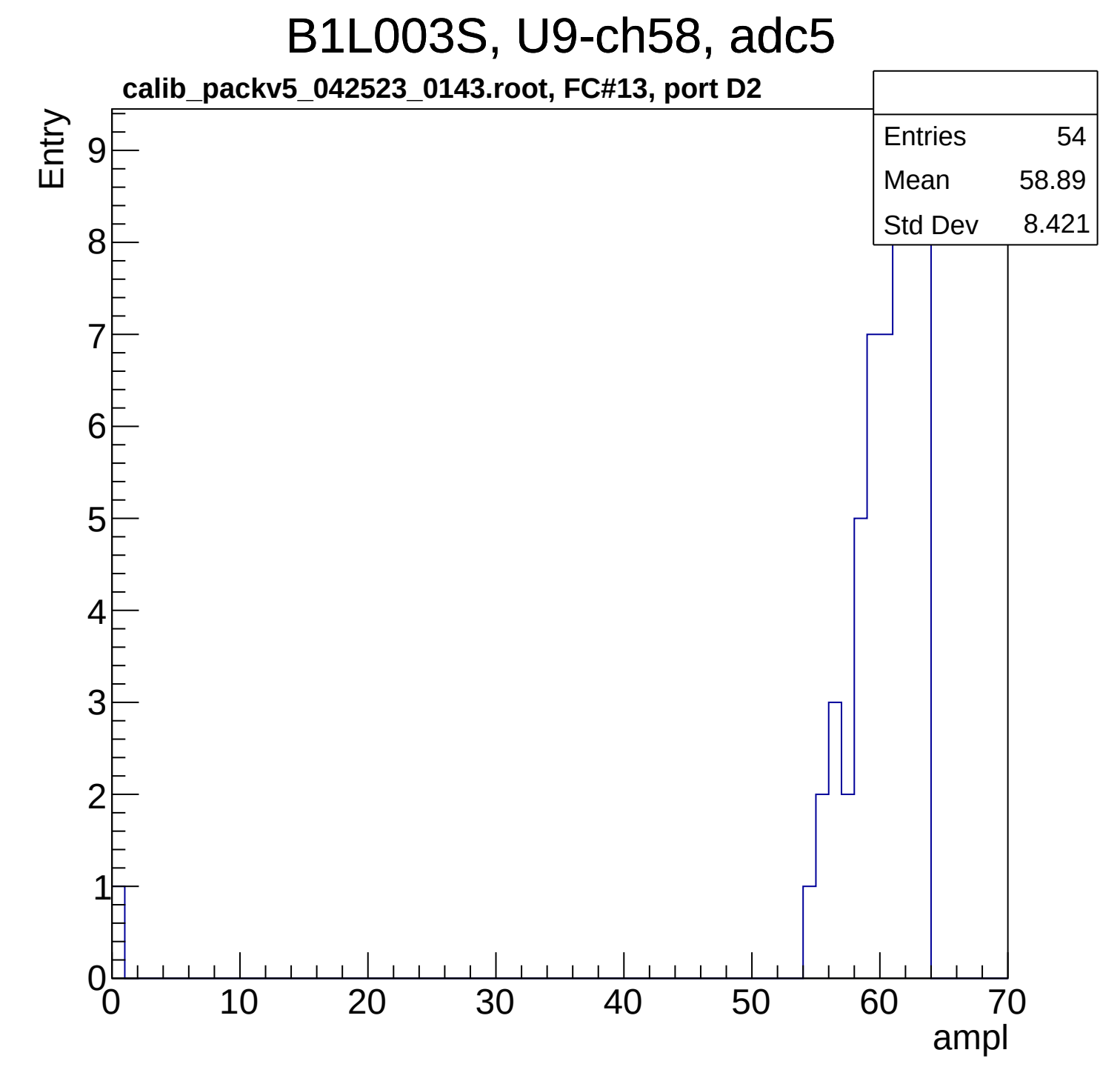
B1L003S, U9-ch58, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.89
Std Dev 8.421
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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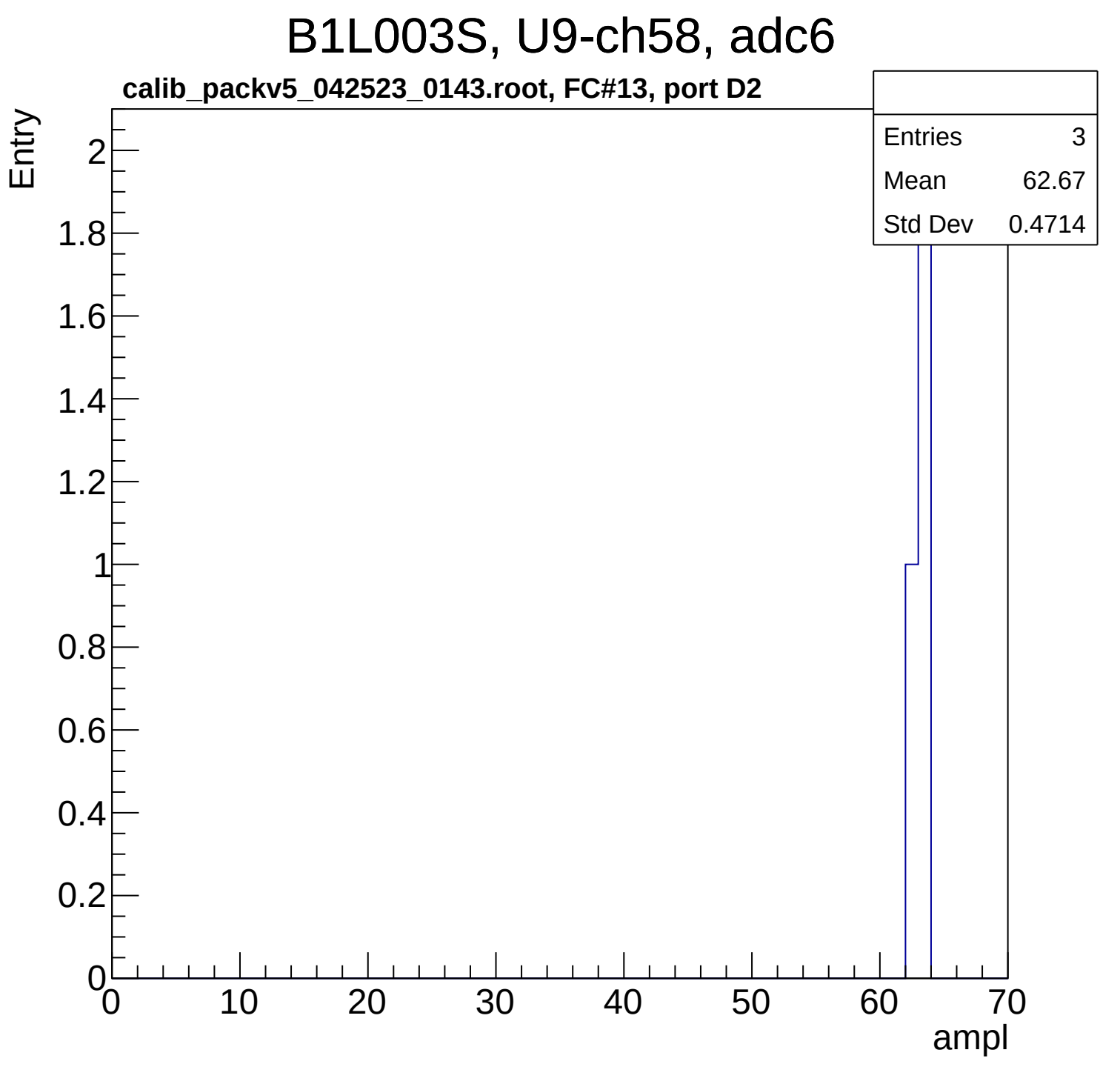
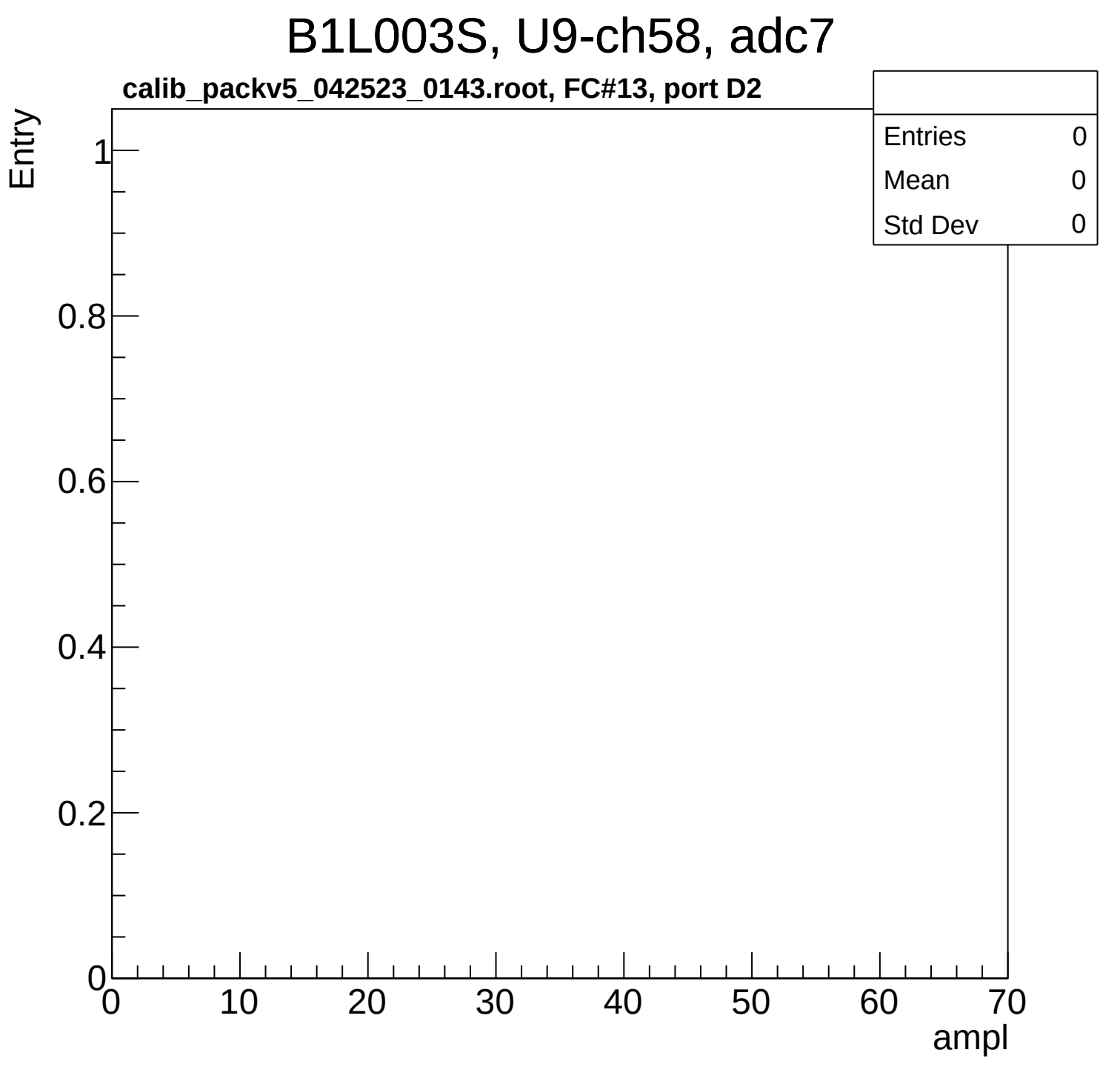

B1L003S, U9-ch58, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch58, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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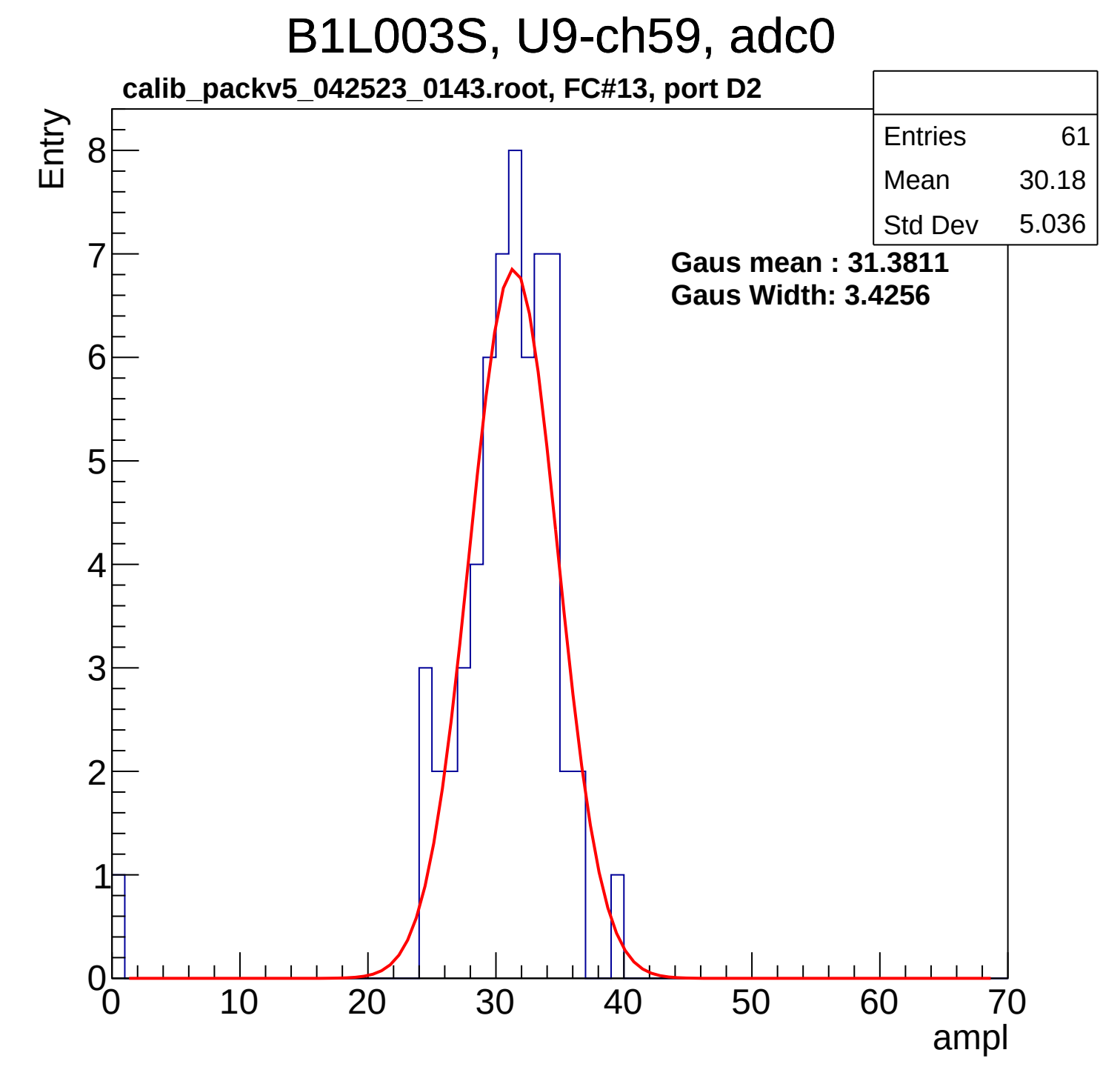
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch59, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 30.18
Std Dev 5.036
Gaus mean : 31.3811
Gaus Width: 3.4256
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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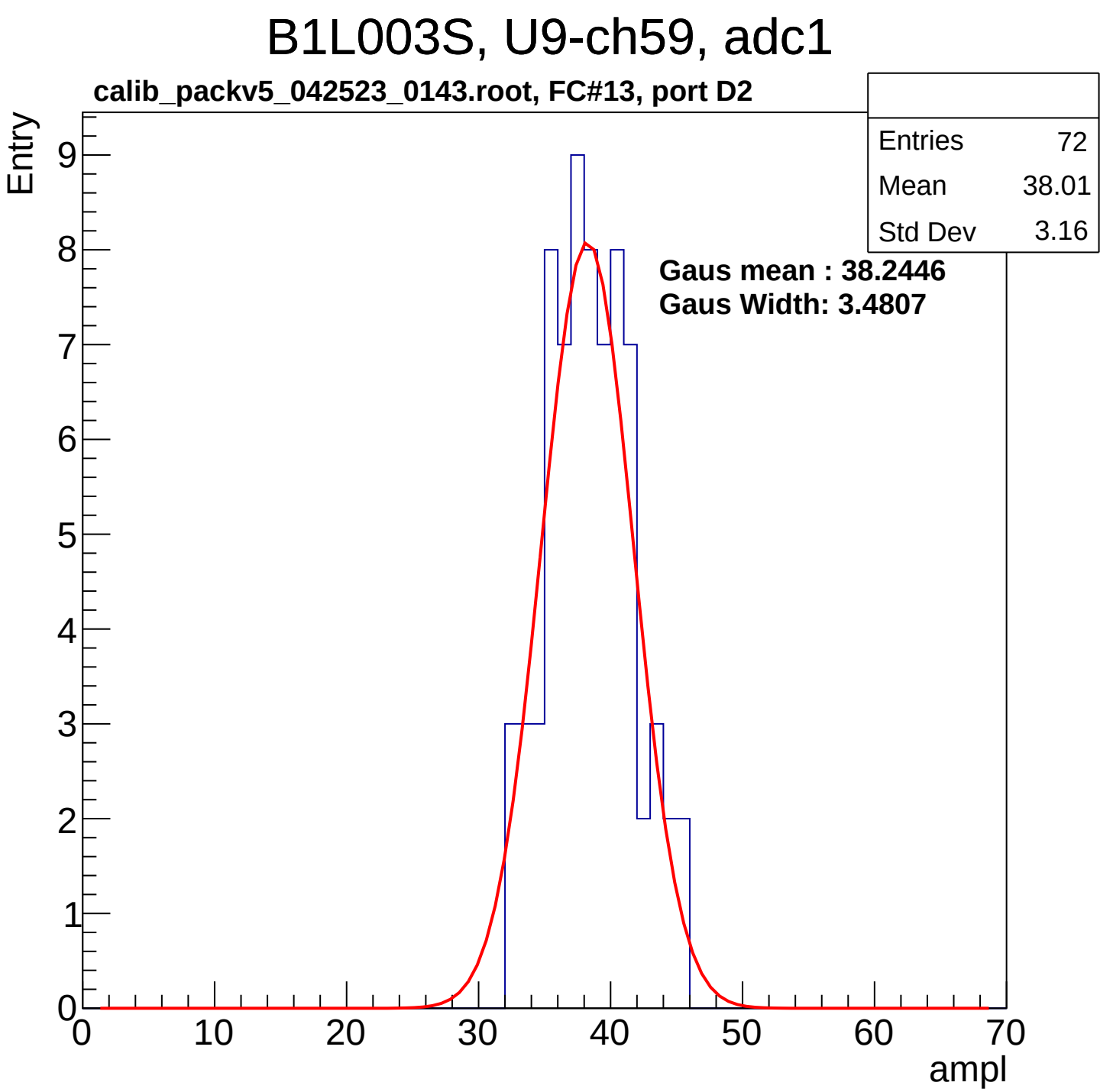
B1L003S, U9-ch59, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 38.01
Std Dev 3.16
Gaus mean : 38.2446
Gaus Width: 3.4807
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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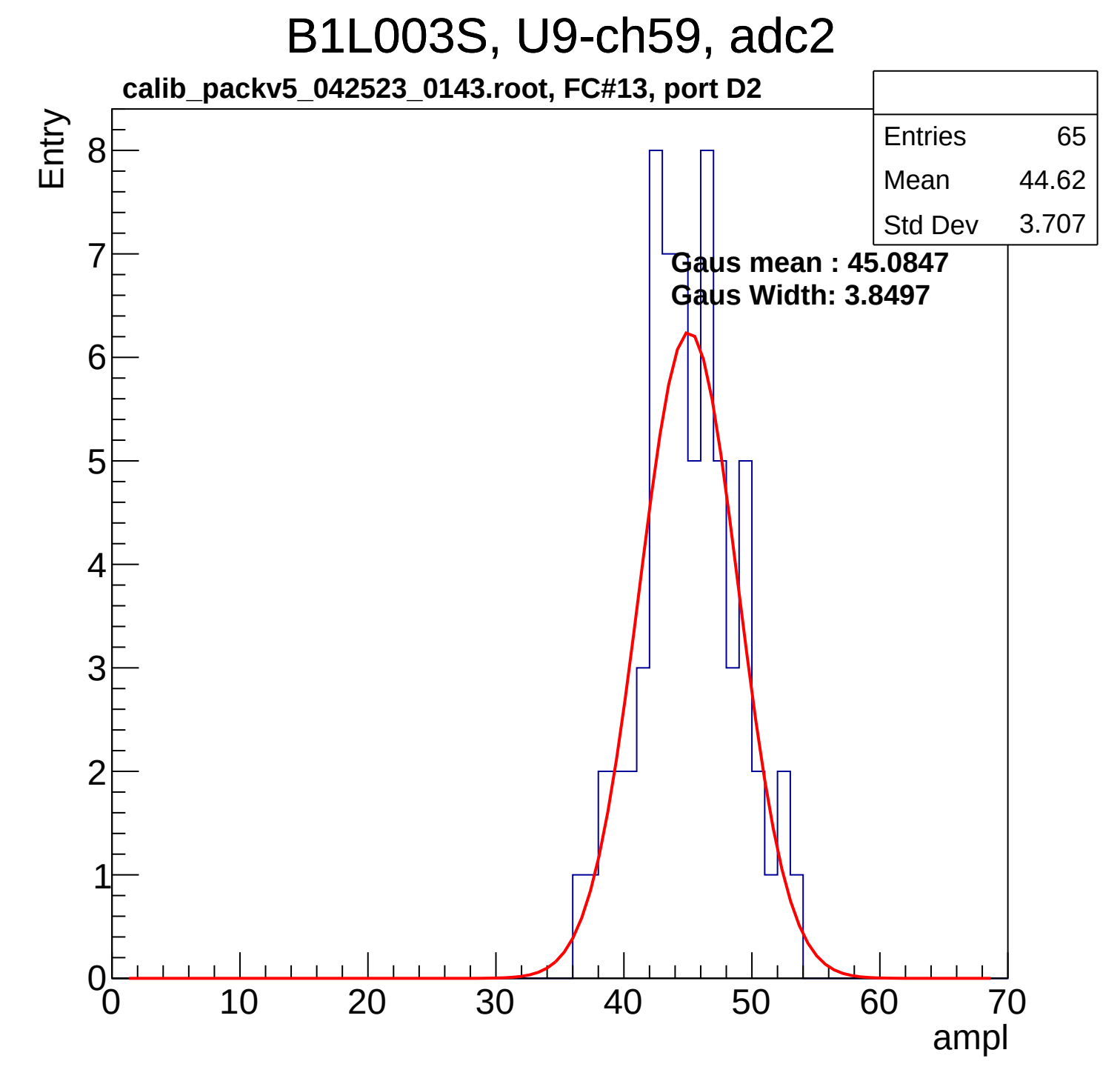
B1L003S, U9-ch59, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 44.62
Std Dev 3.707
Gaus mean : 45.0847
Gaus Width: 3.8497
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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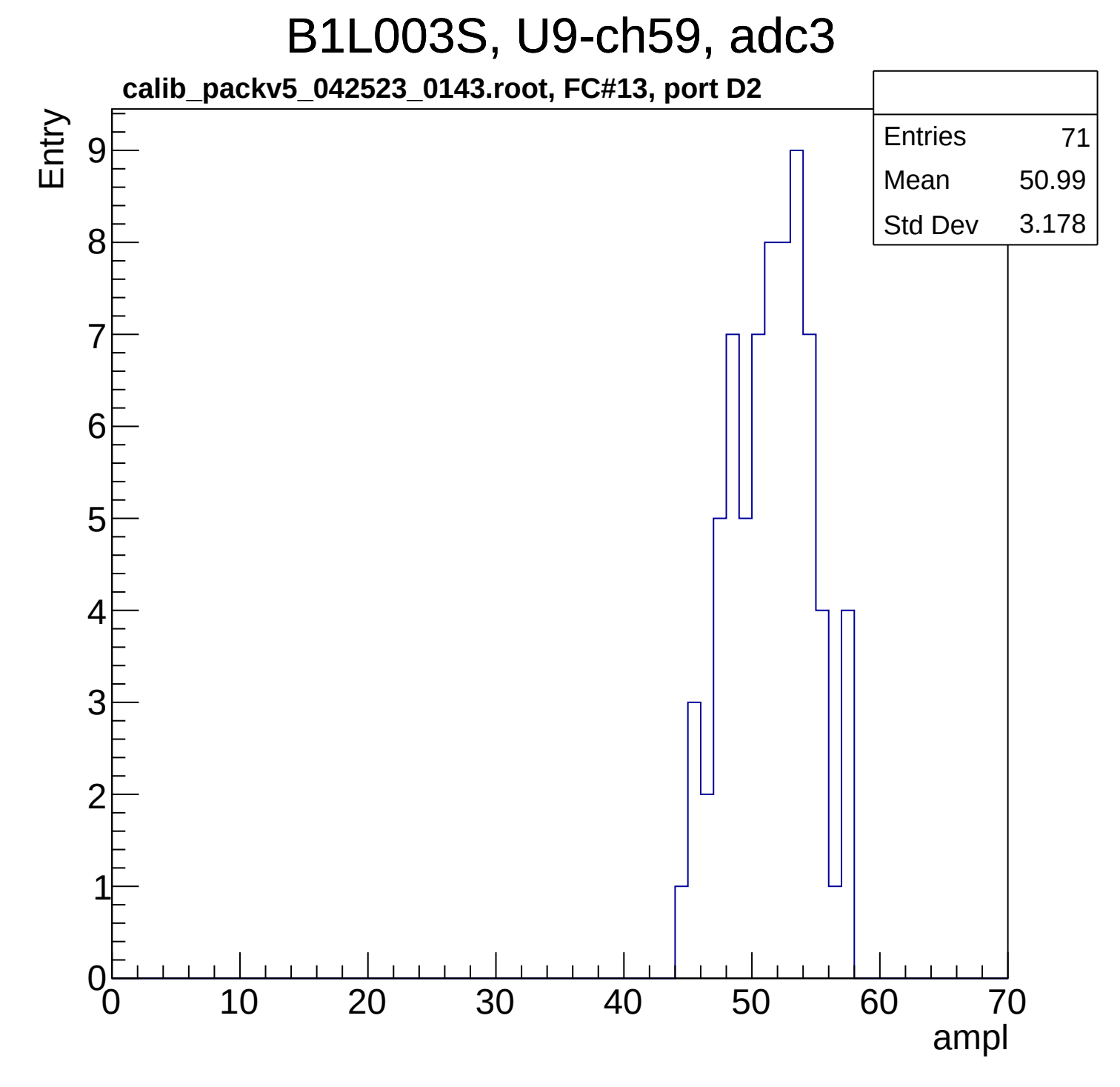
B1L003S, U9-ch59, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 50.99
Std Dev 3.178
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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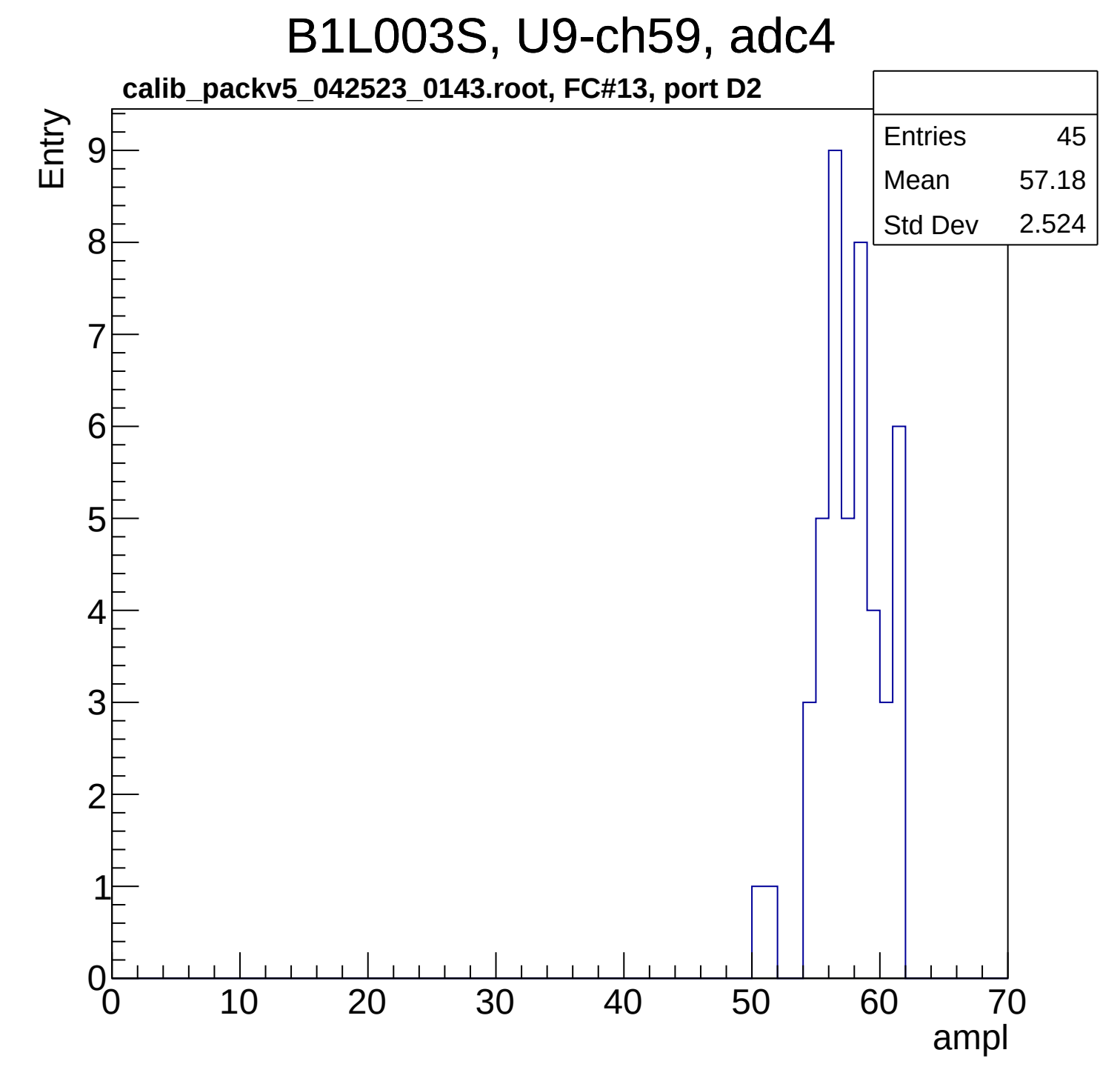
B1L003S, U9-ch59, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 57.18
Std Dev 2.524
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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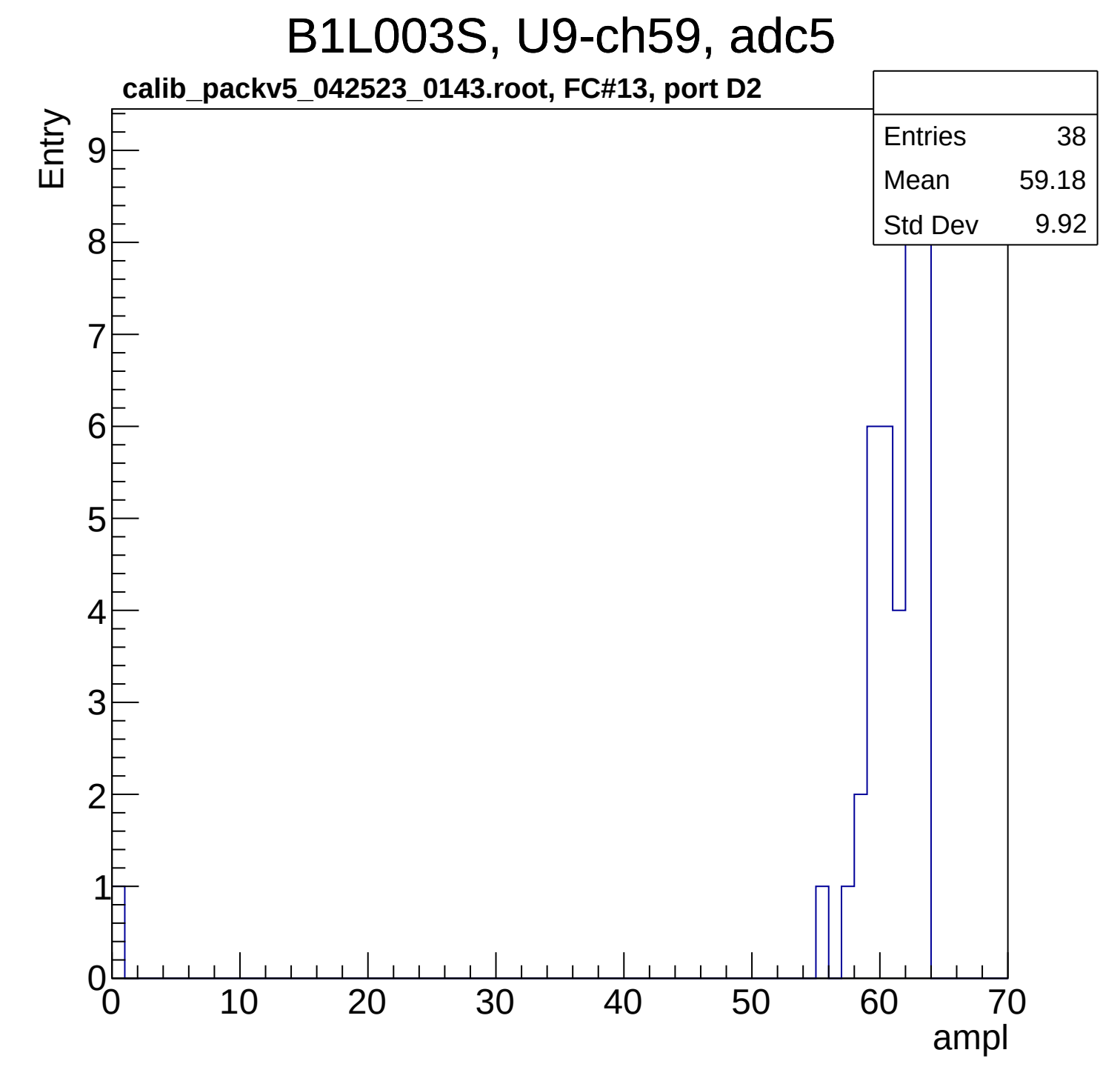
B1L003S, U9-ch59, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 59.18
Std Dev 9.92
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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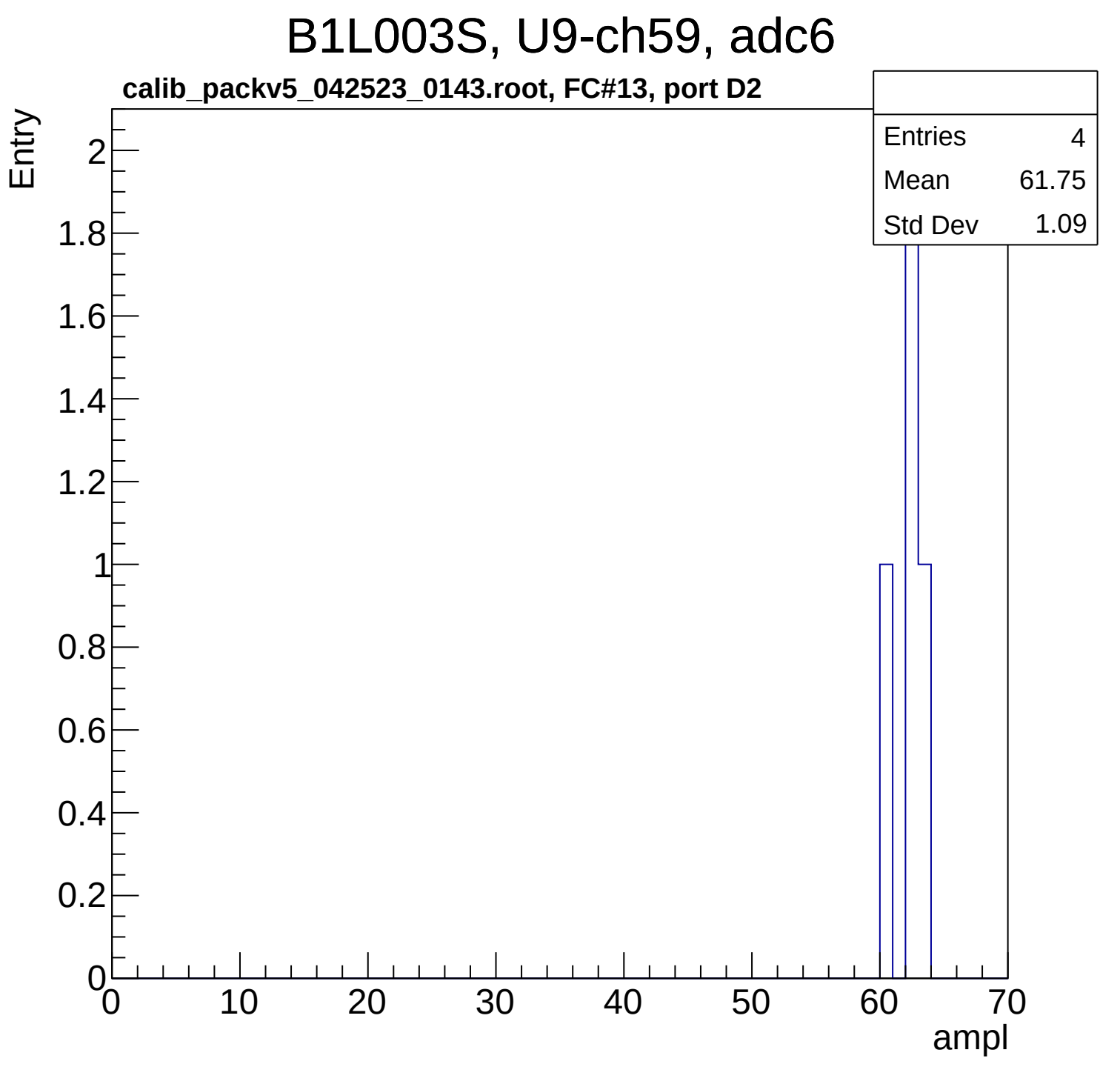
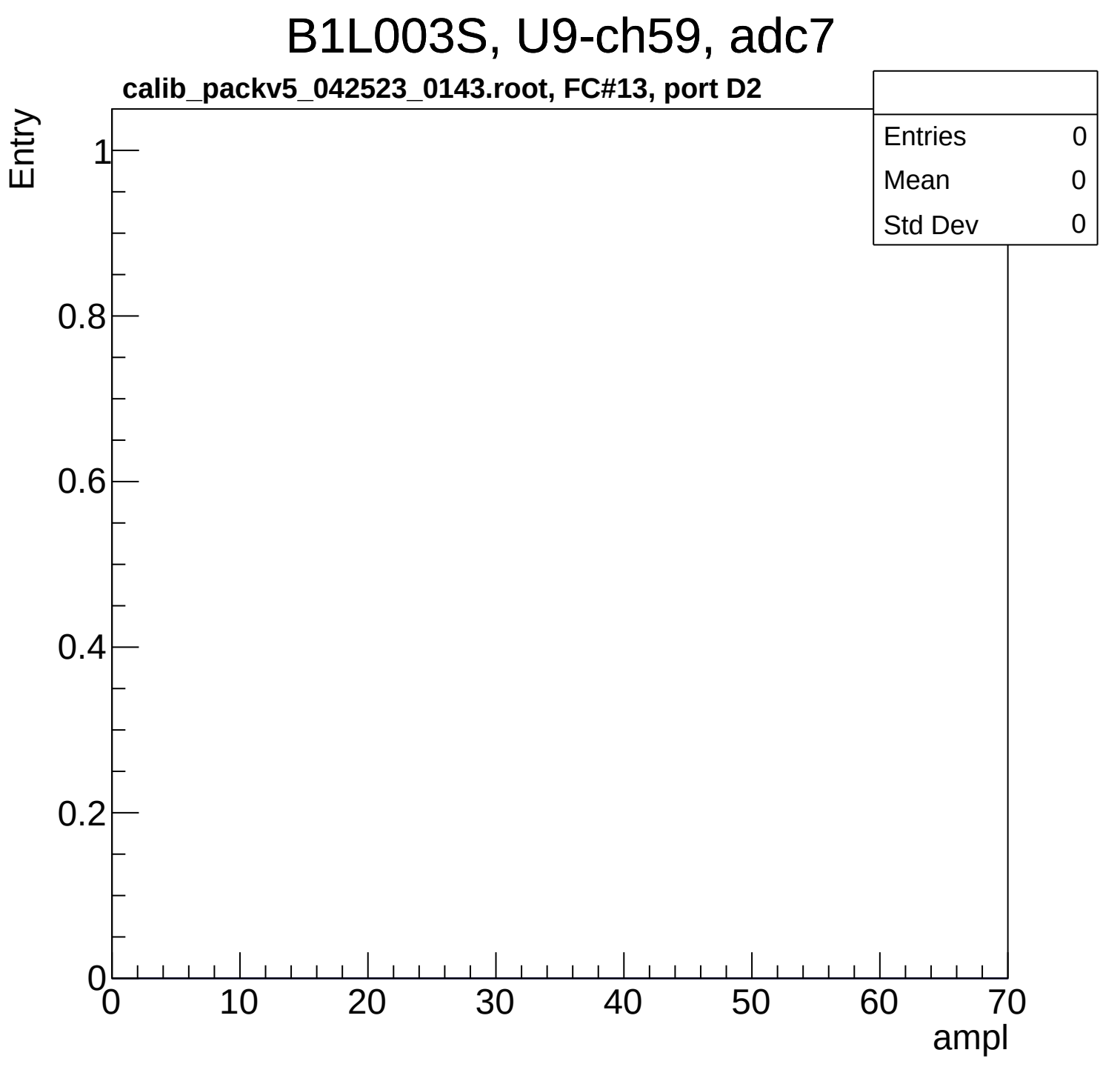
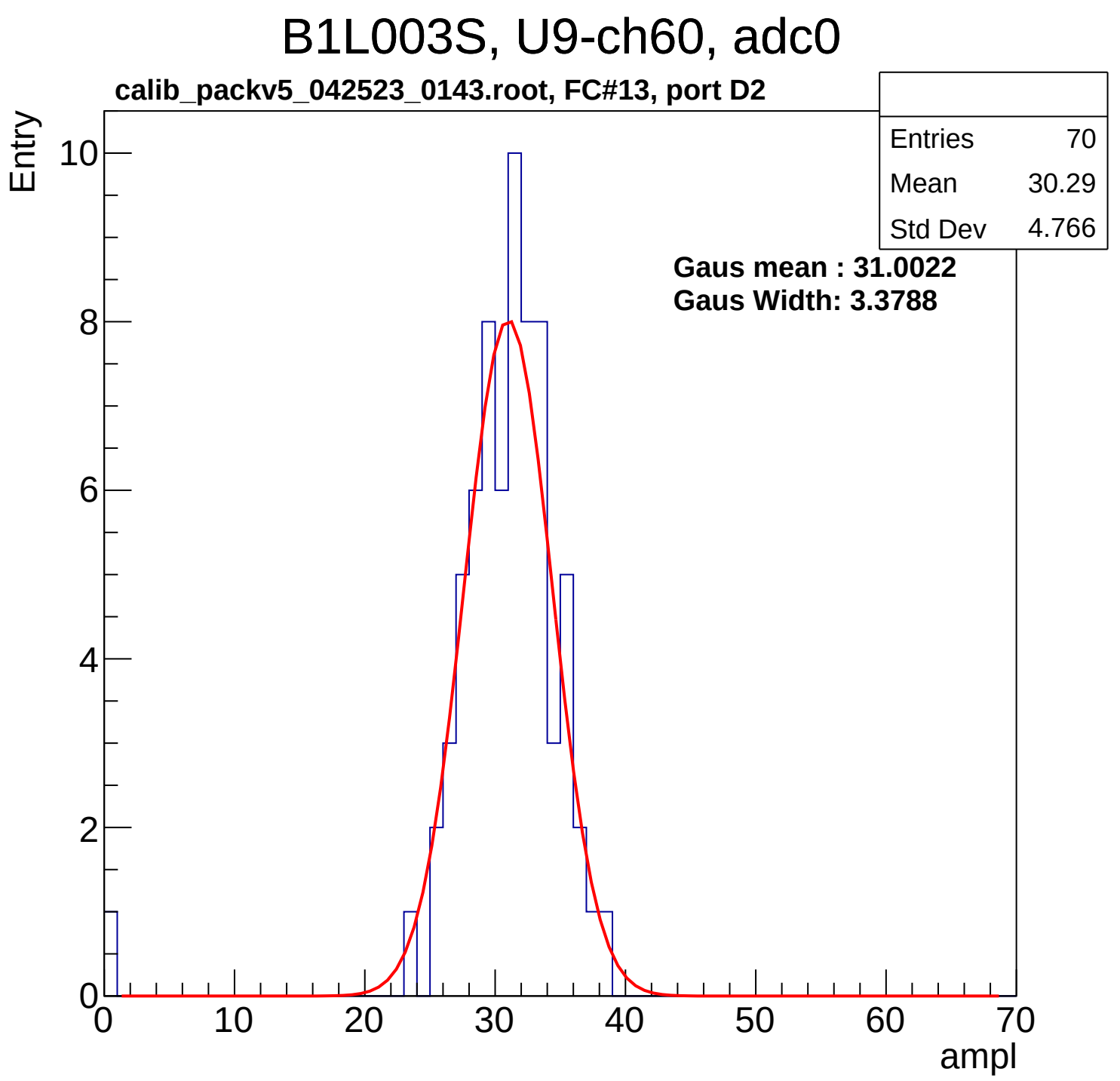
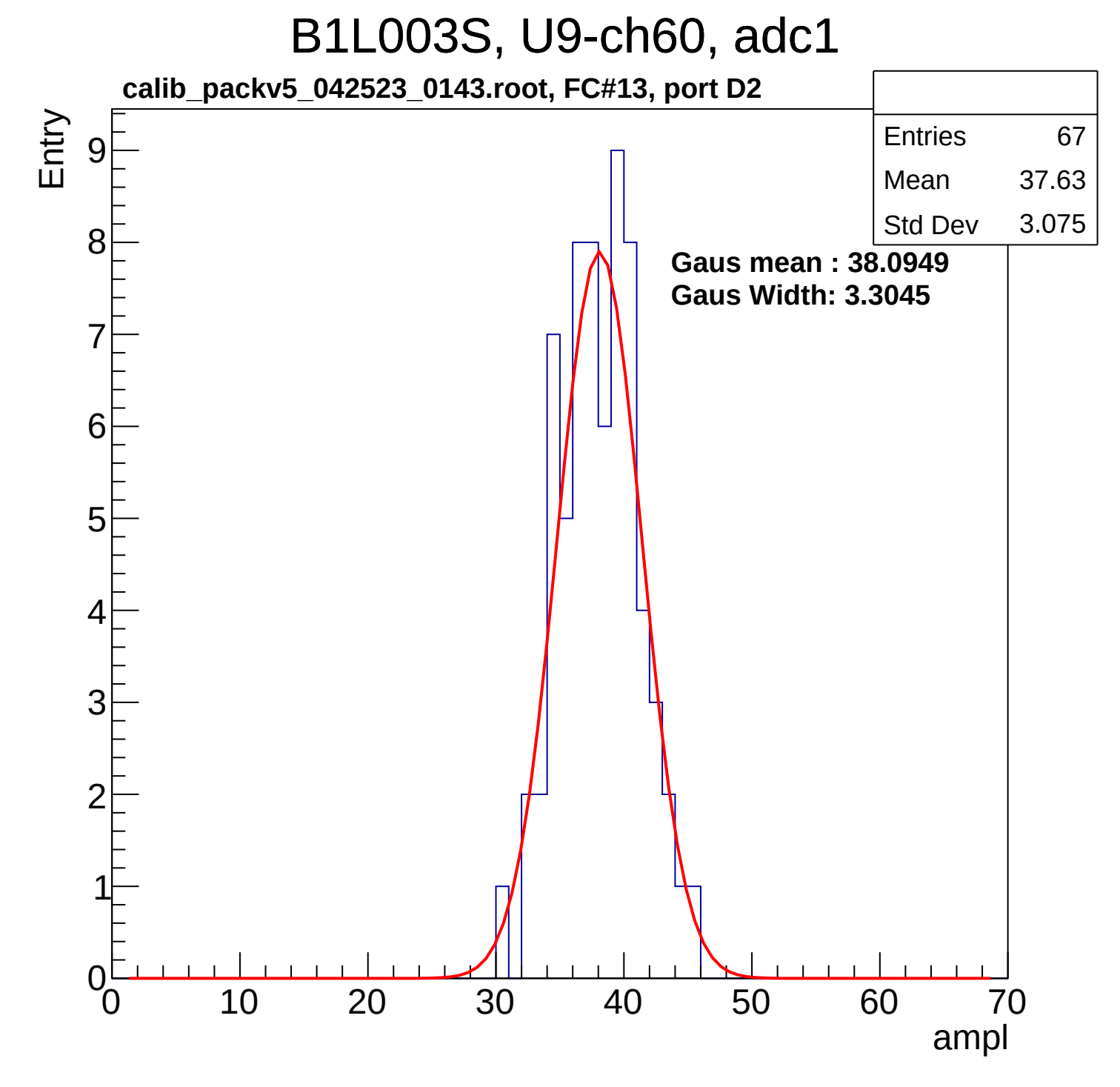

B1L003S, U9-ch59, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.75
Std Dev 1.09
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch59, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch60, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 30.29
Std Dev 4.766
Gaus mean : 31.0022
Gaus Width: 3.3788
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch60, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 37.63
Std Dev 3.075
Gaus mean : 38.0949
Gaus Width: 3.3045
Entry
ampl
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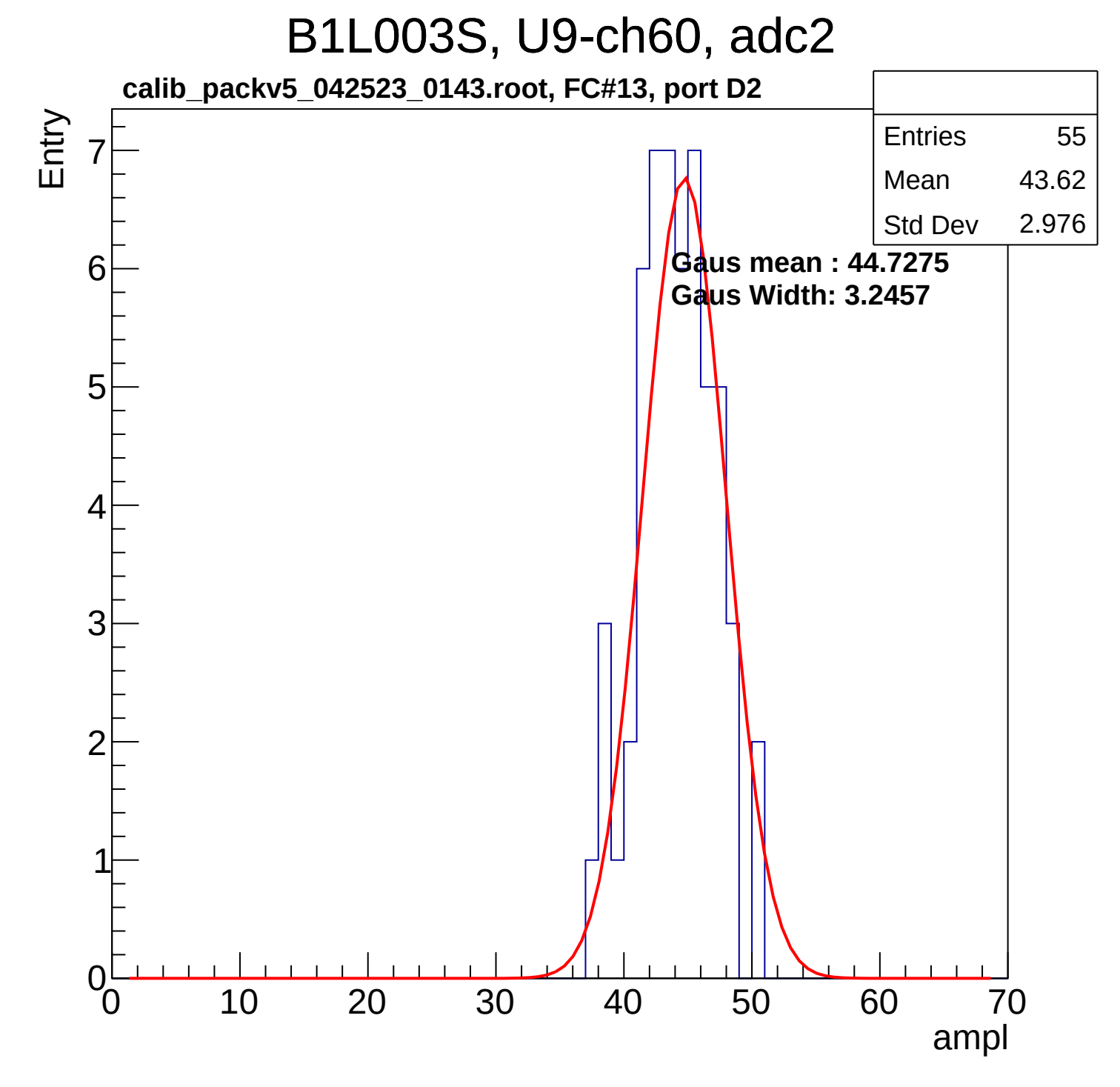
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch60, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 43.62
Std Dev 2.976
Gaus mean : 44.7275
Gaus Width: 3.2457
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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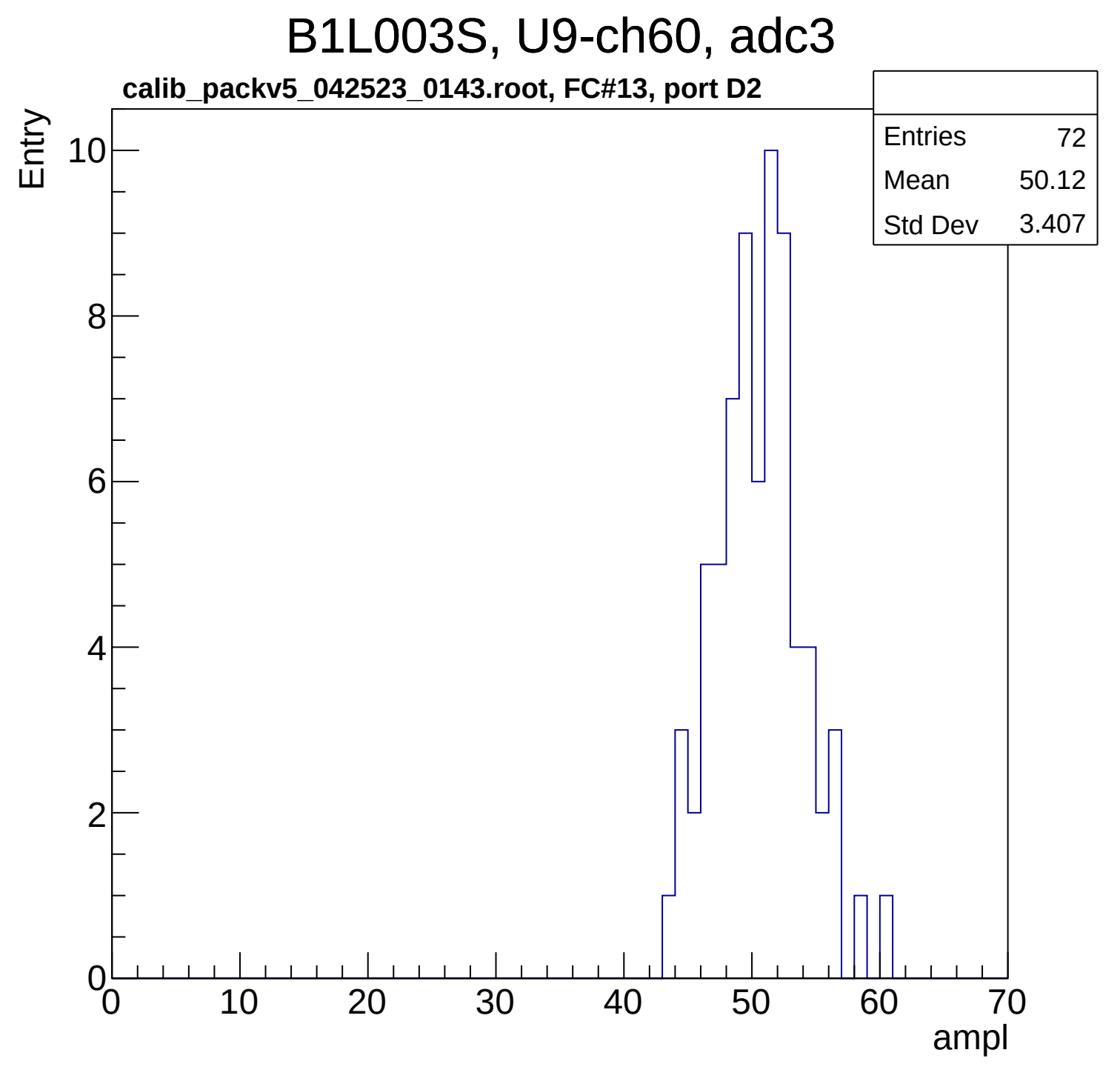
B1L003S, U9-ch60, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 50.12
Std Dev 3.407
Entry
ampl
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4
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0
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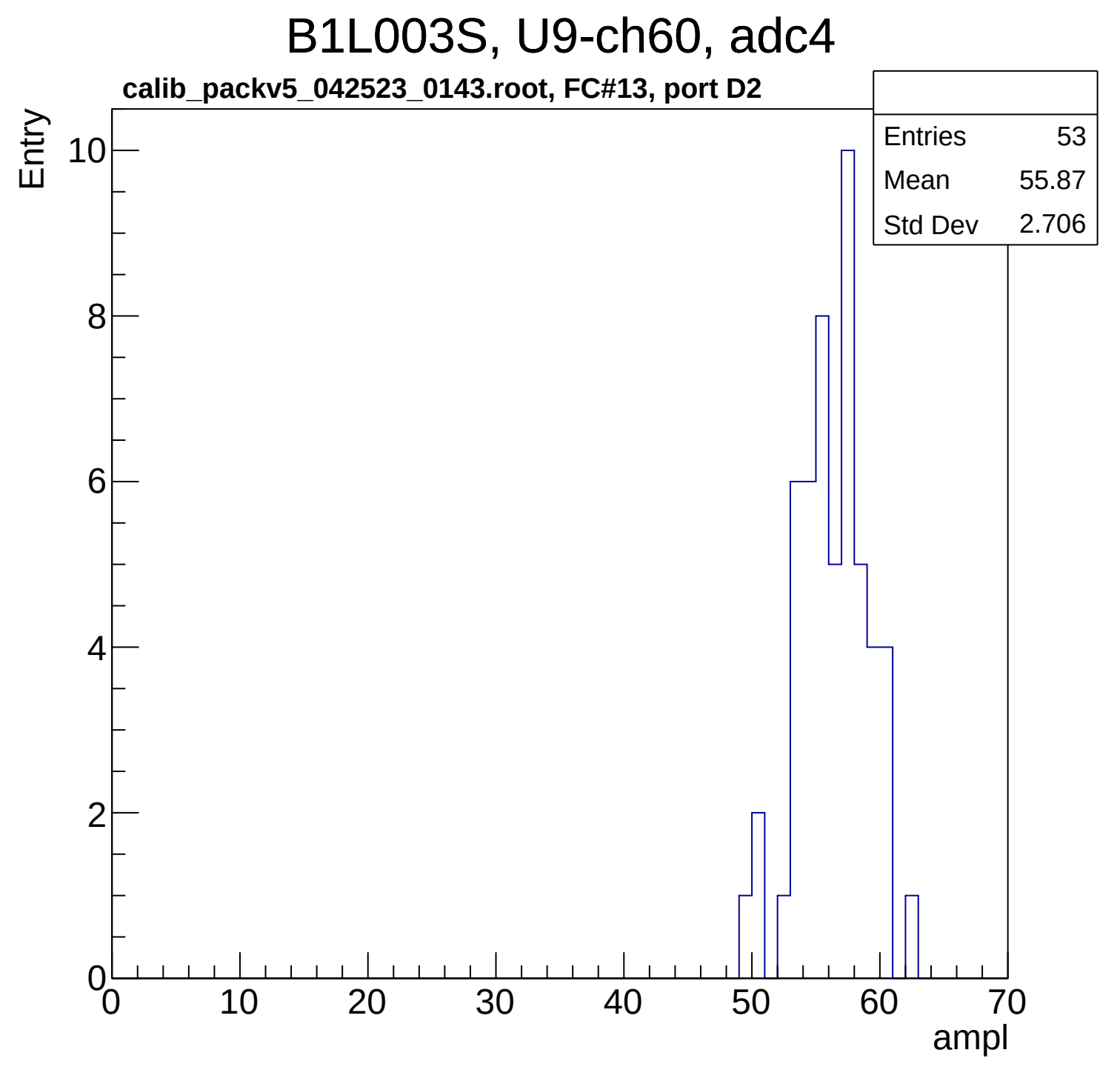
B1L003S, U9-ch60, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 55.87
Std Dev 2.706
Entry
ampl
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0
10
20
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40
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60
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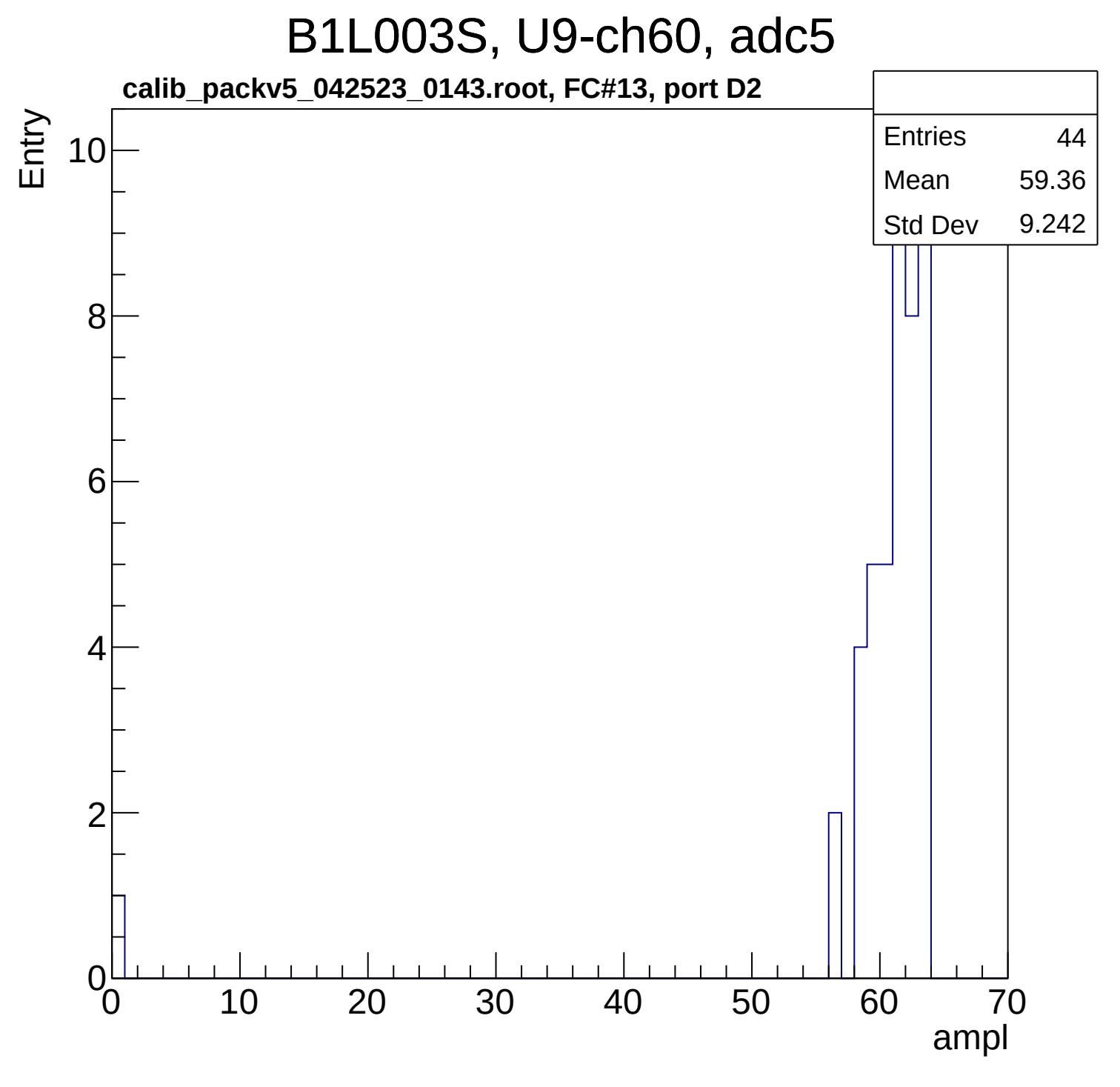
B1L003S, U9-ch60, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.36
Std Dev 9.242
Entry
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2
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6
8
10
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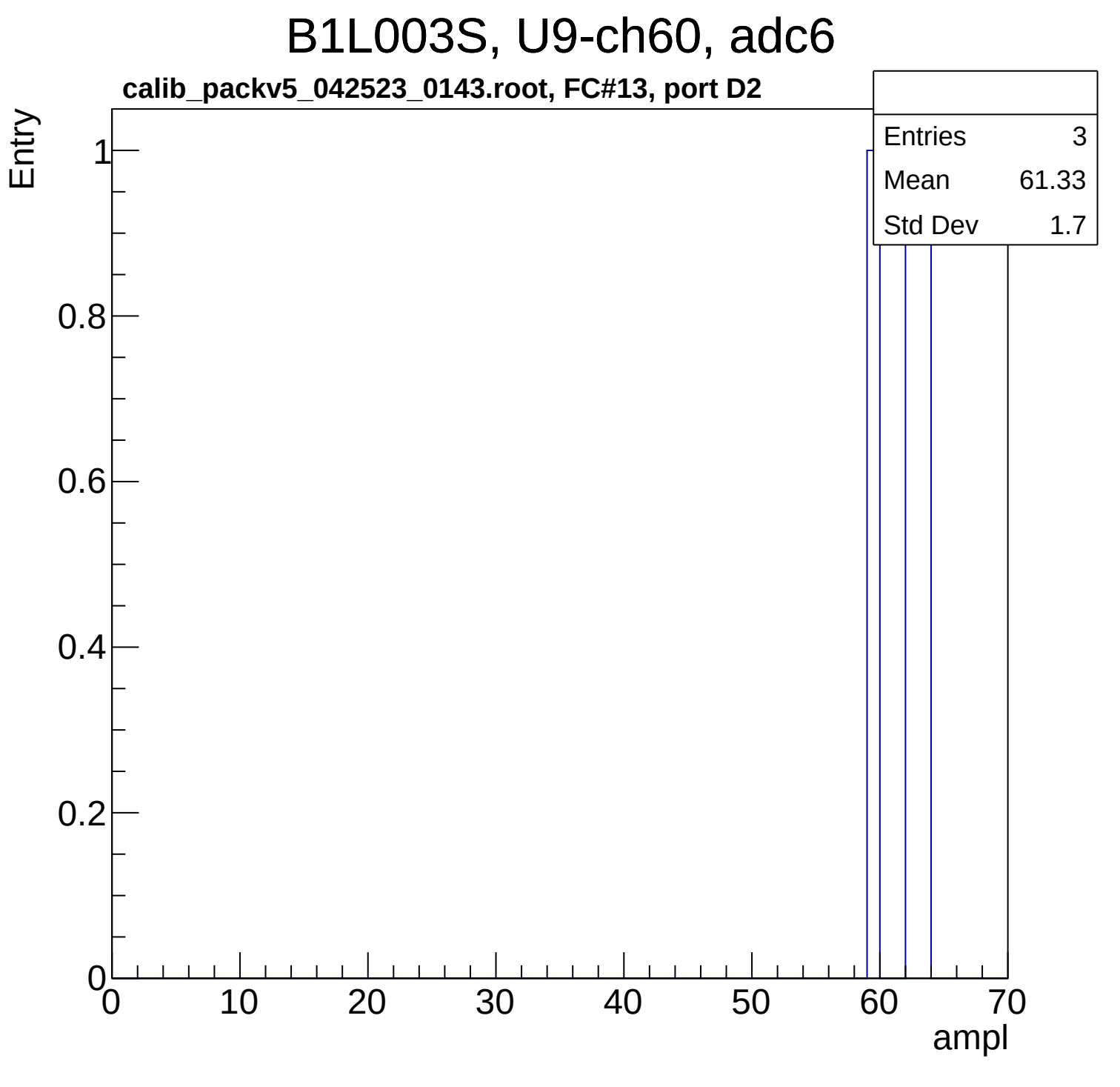
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch60, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 61.33
Std Dev 1.7
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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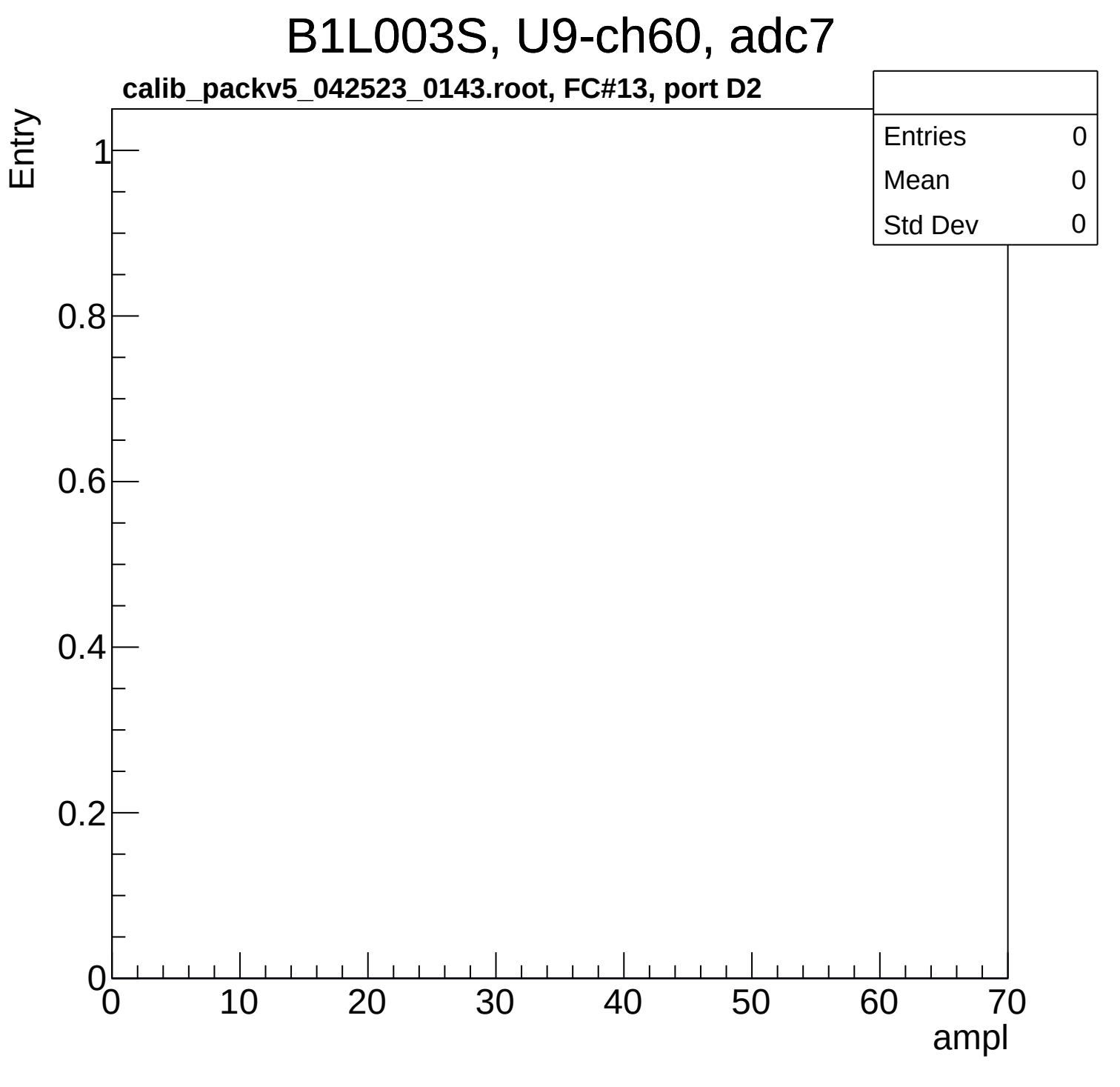
B1L003S, U9-ch60, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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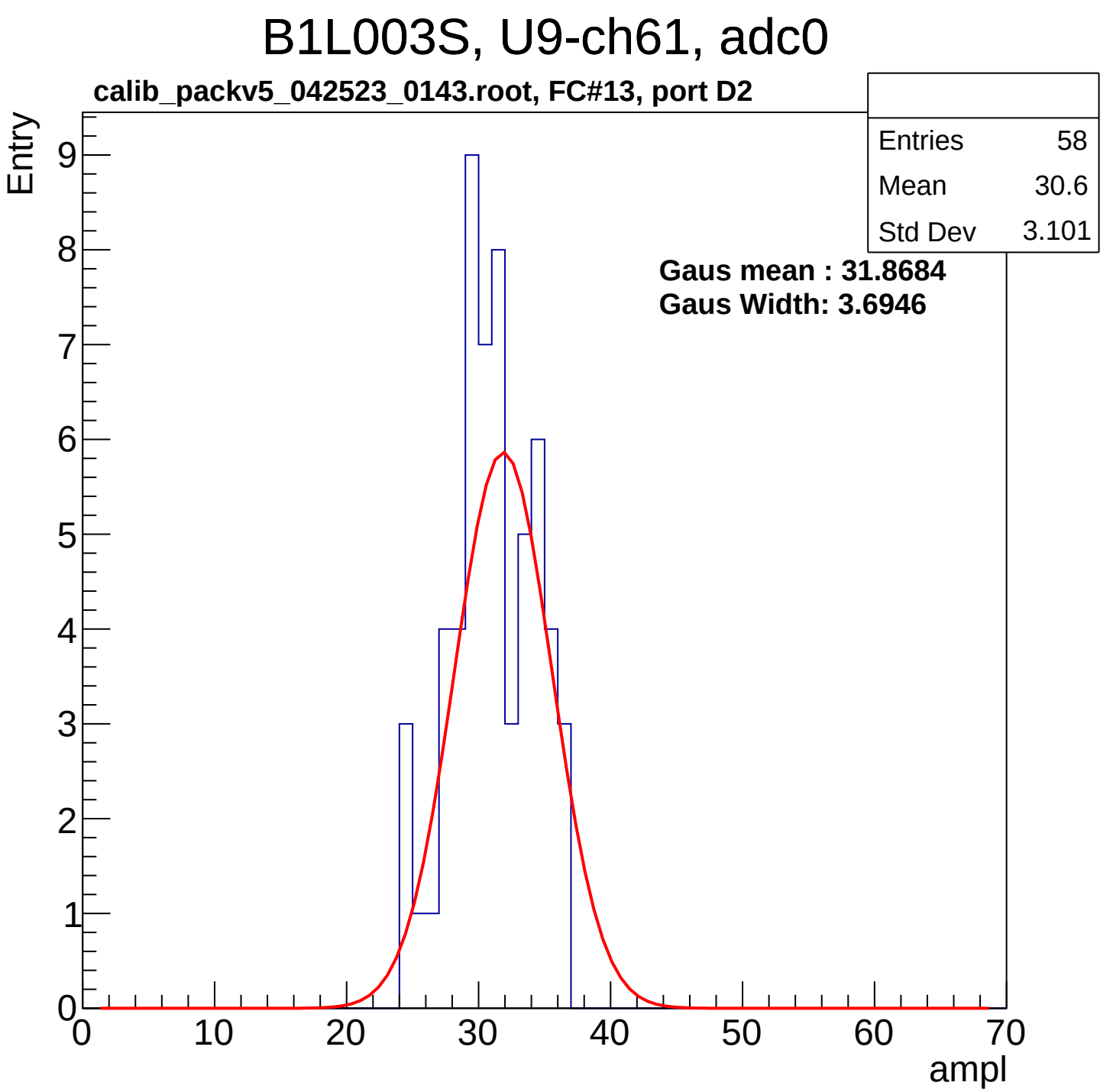
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch61, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 30.6
Std Dev 3.101
Gaus mean : 31.8684
Gaus Width: 3.6946
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
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60
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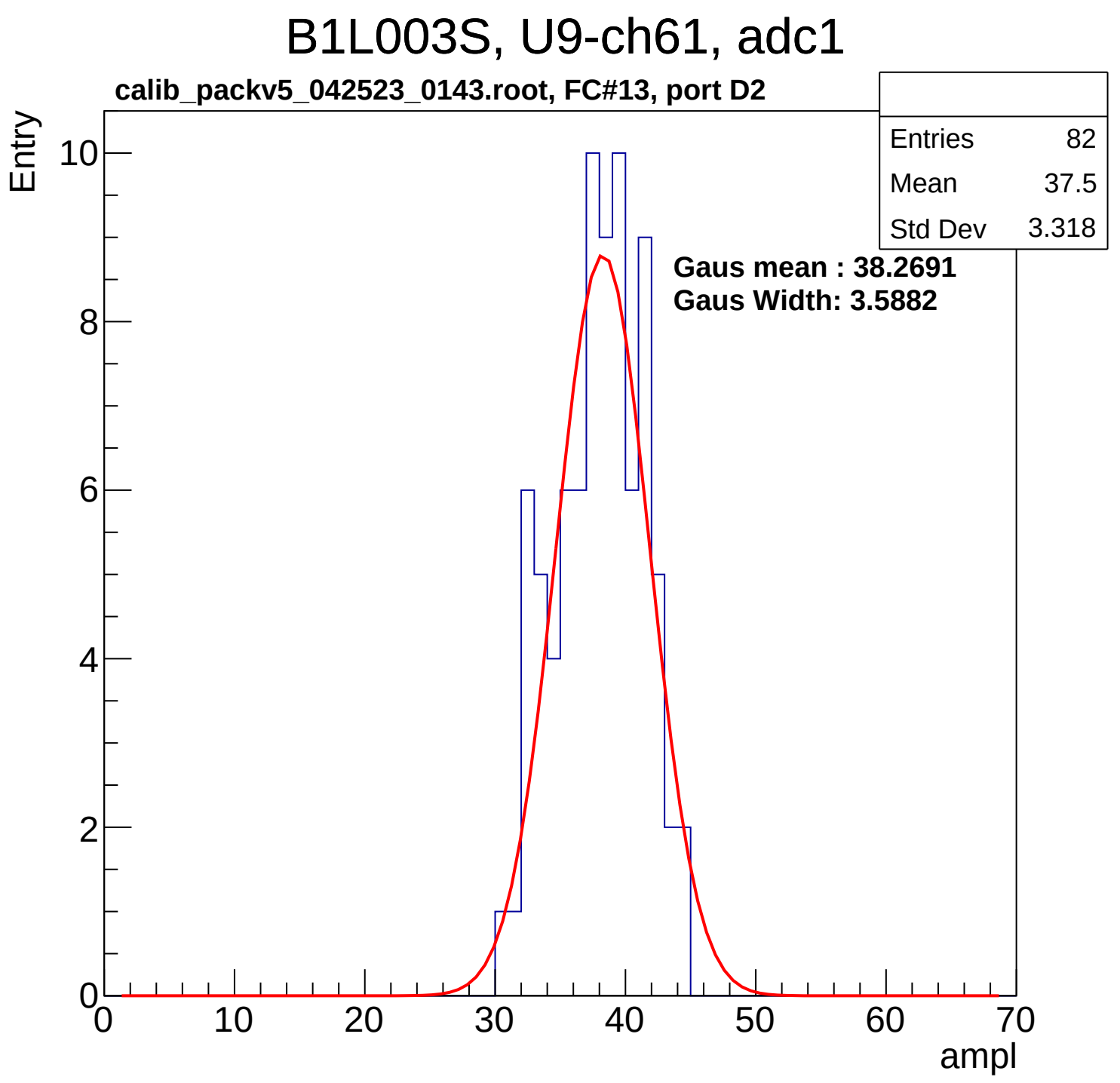
B1L003S, U9-ch61, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 37.5
Std Dev 3.318
Gaus mean : 38.2691
Gaus Width: 3.5882
Entry
ampl
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4
6
8
10
0
10
20
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40
50
60
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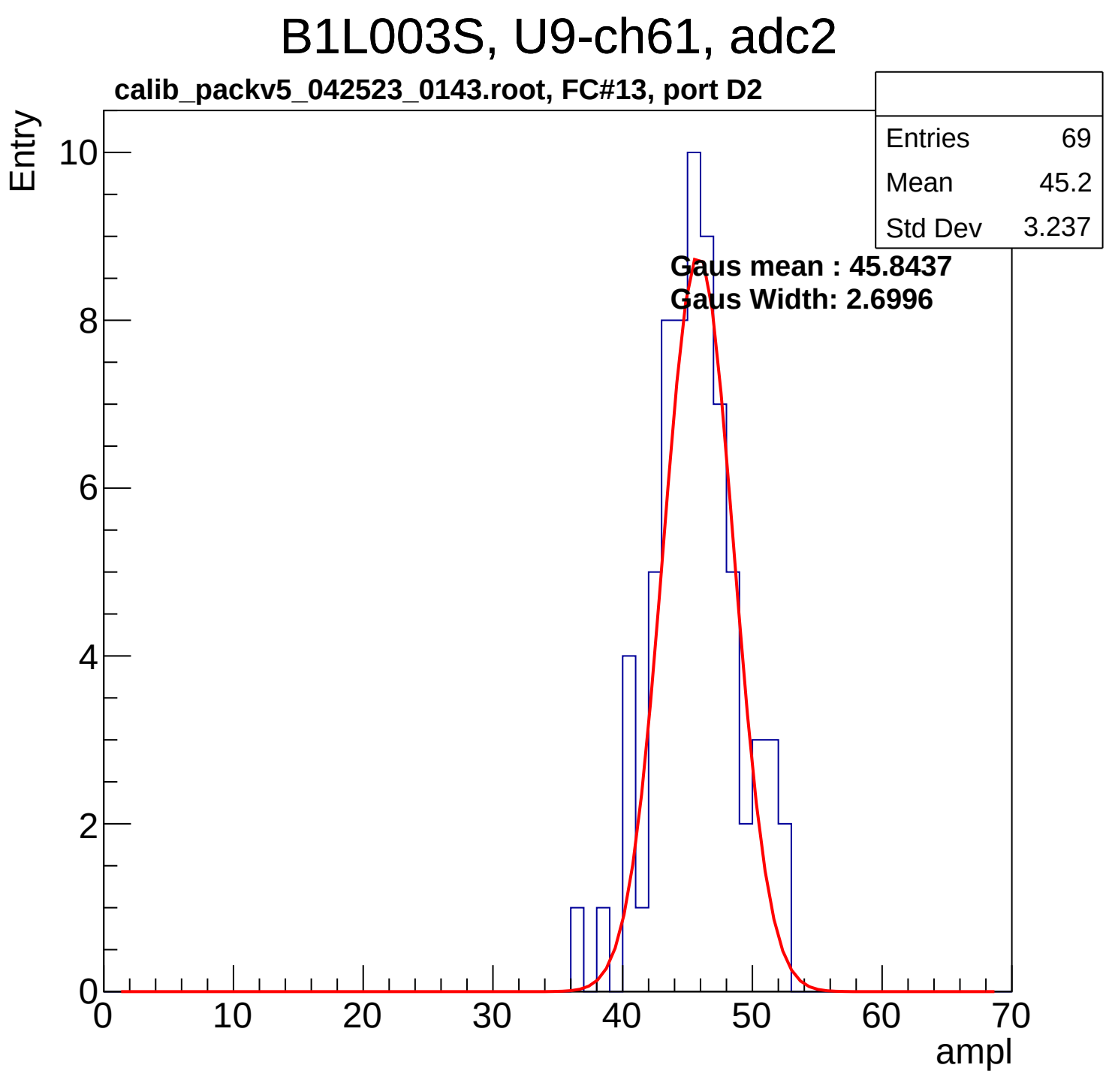
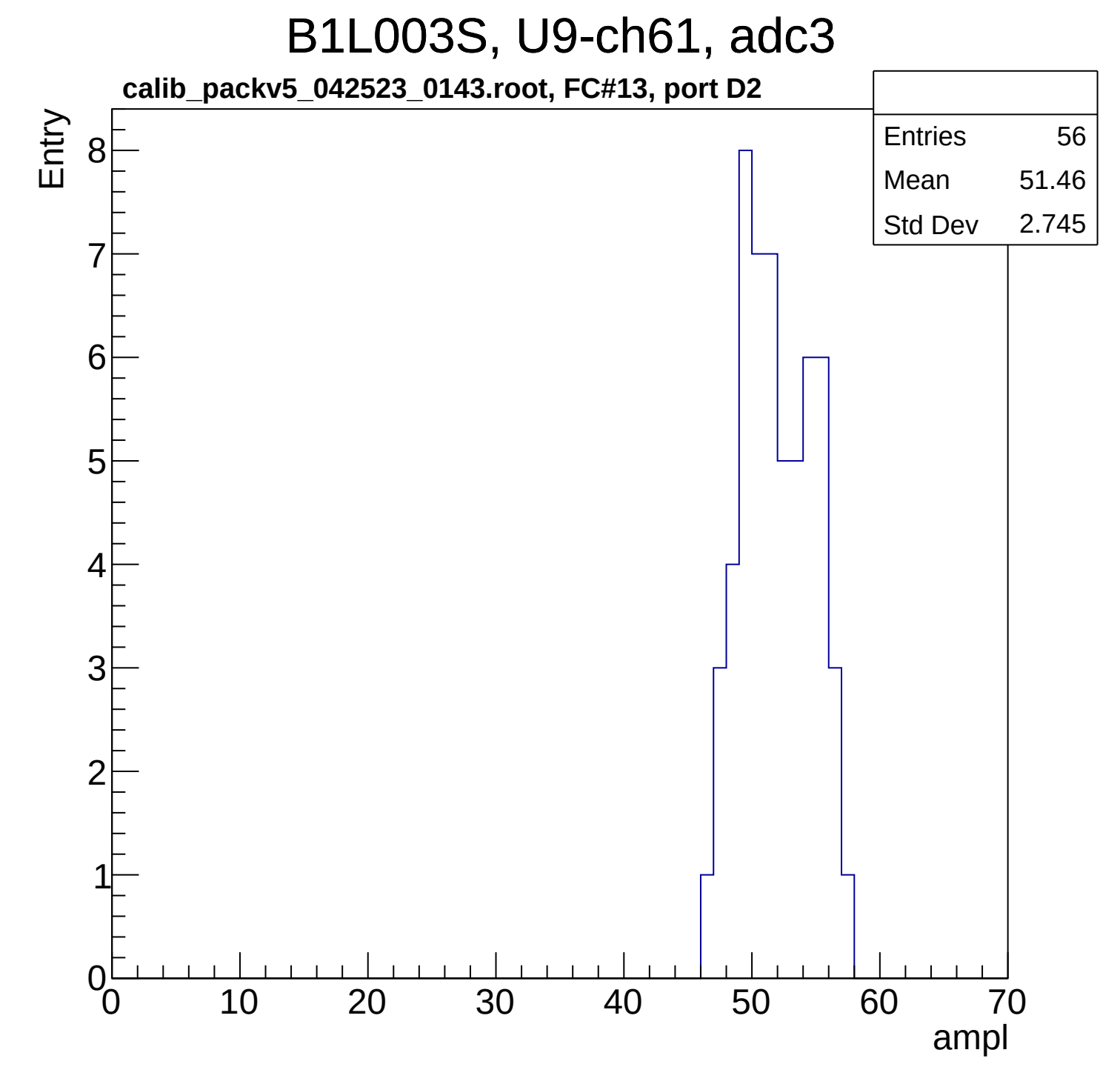

B1L003S, U9-ch61, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 45.2
Std Dev 3.237
Gaus mean : 45.8437
Gaus Width: 2.6996
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch61, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 51.46
Std Dev 2.745
Entry
ampl
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2
3
4
5
6
7
8
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60
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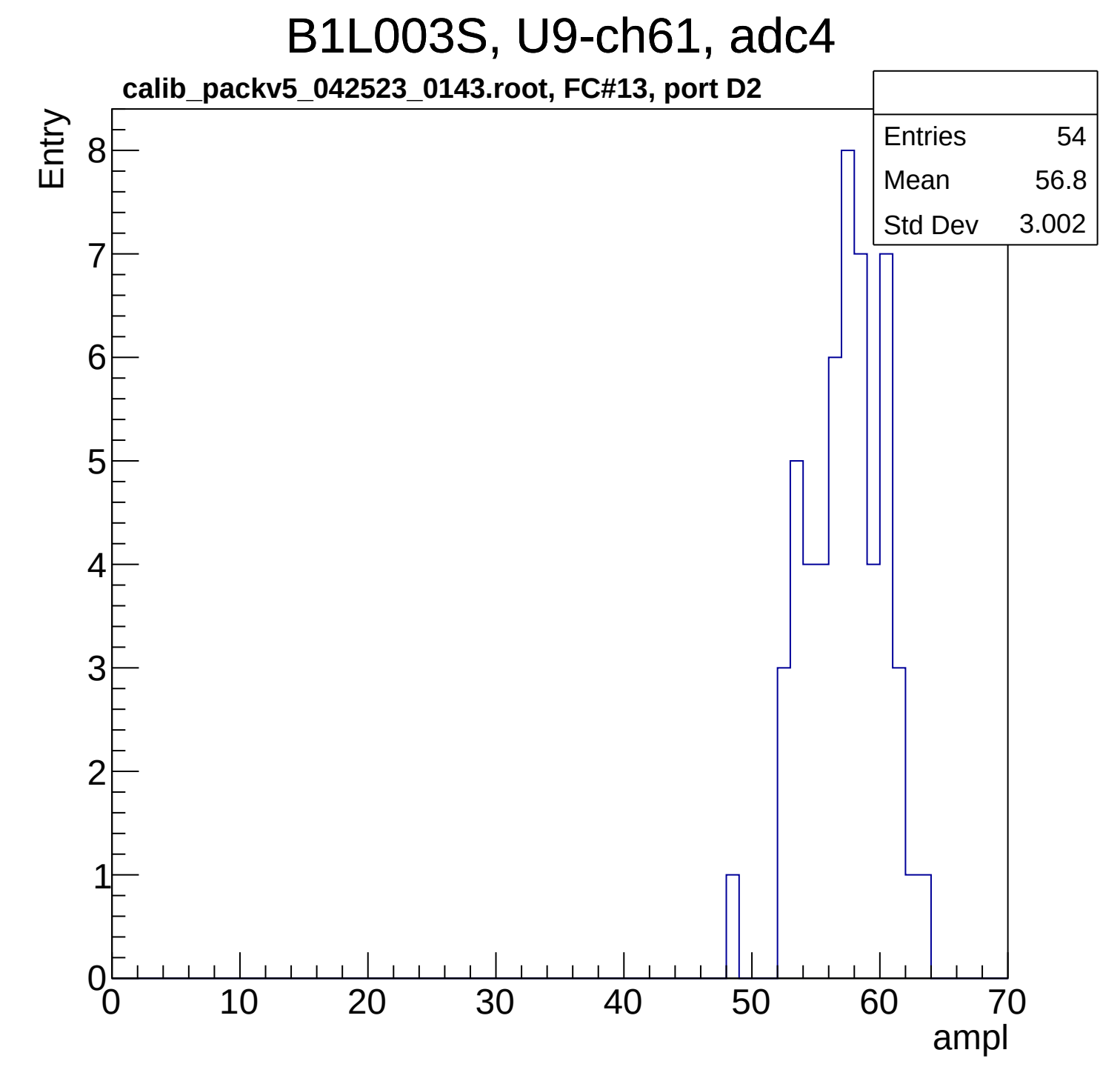
B1L003S, U9-ch61, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 56.8
Std Dev 3.002
Entry
ampl
0
1
2
3
4
5
6
7
8
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10
20
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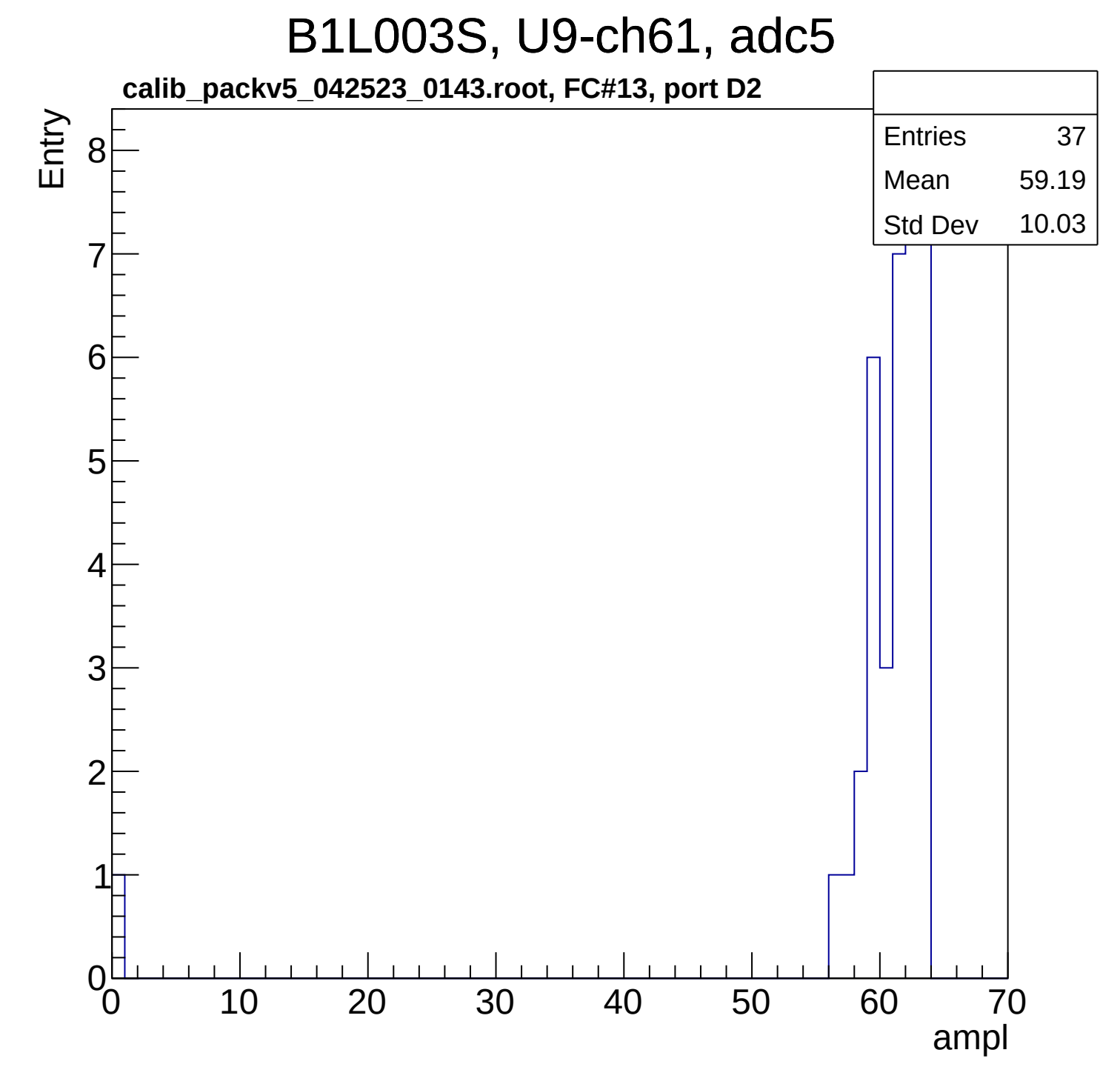
40
50
60
70


B1L003S, U9-ch61, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 59.19
Std Dev 10.03
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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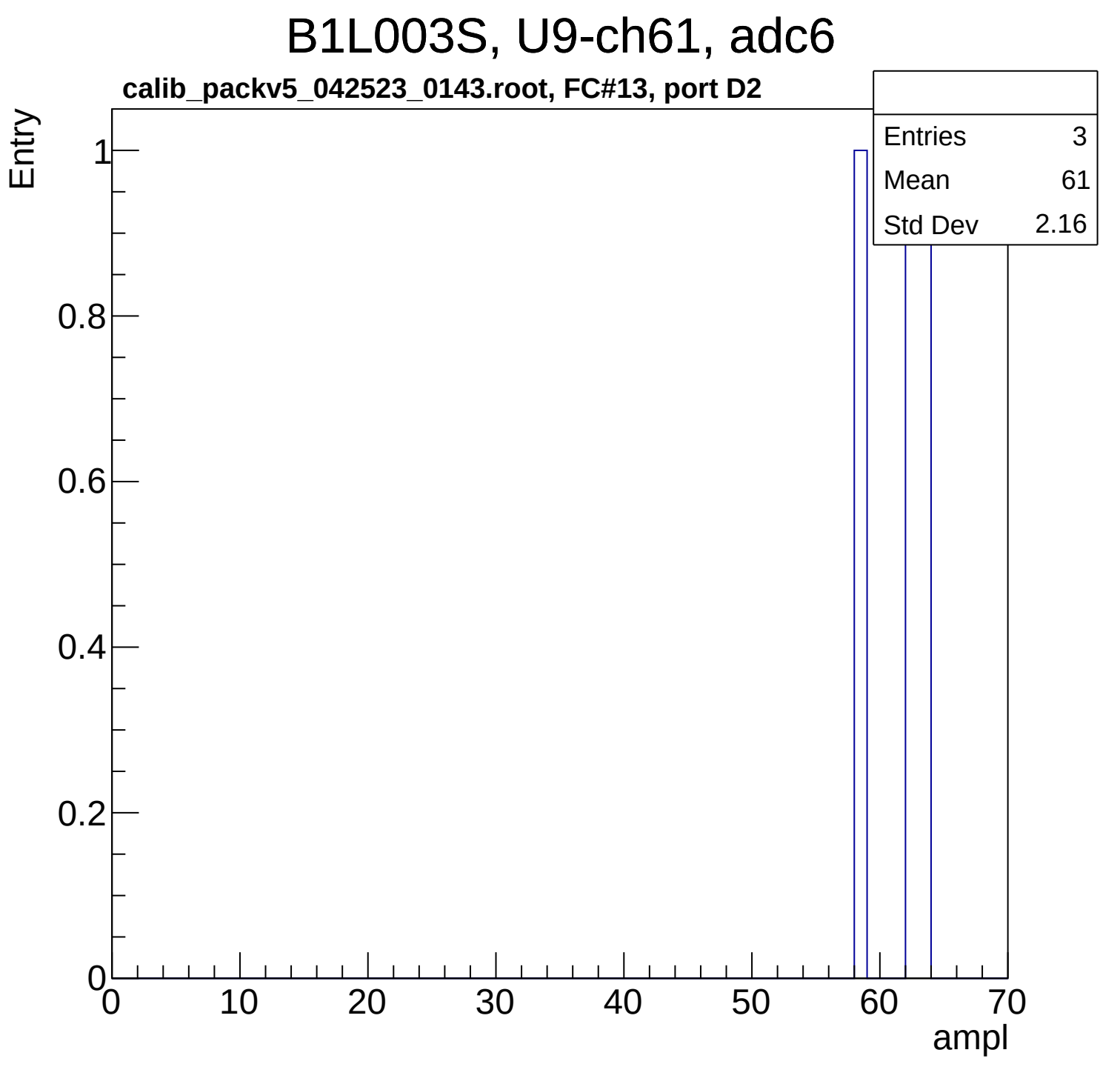
B1L003S, U9-ch61, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 61
Std Dev 2.16
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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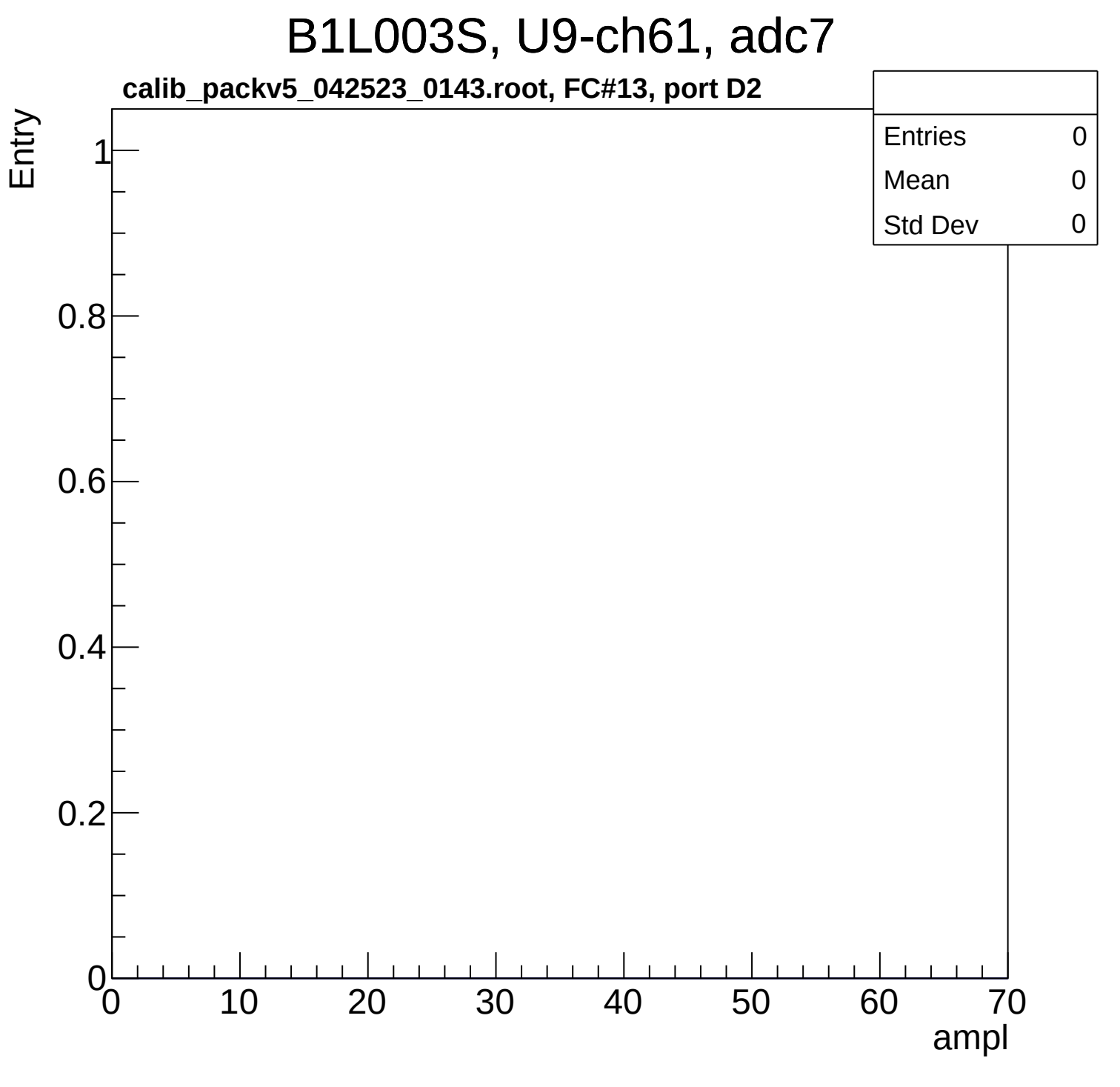
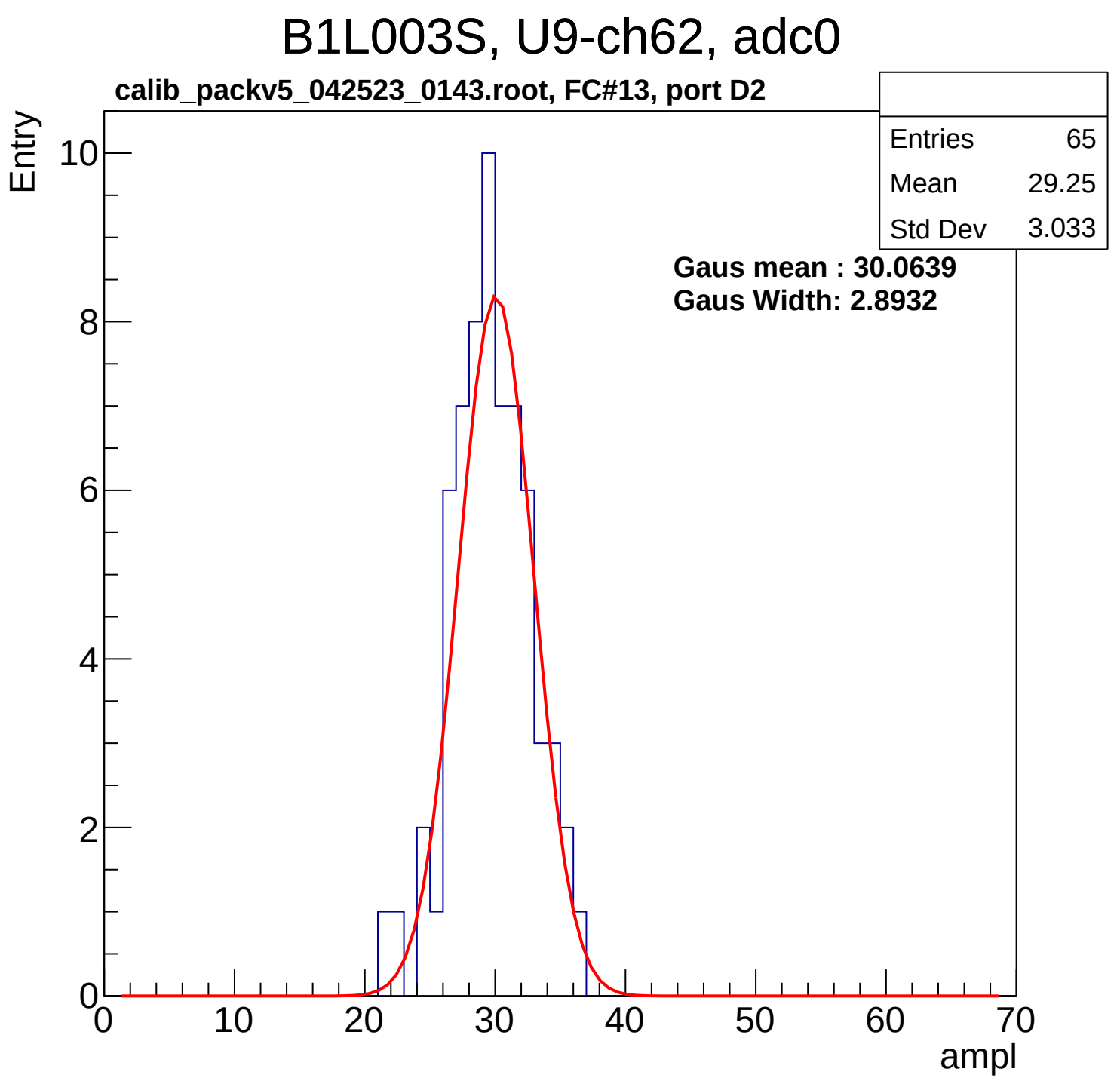
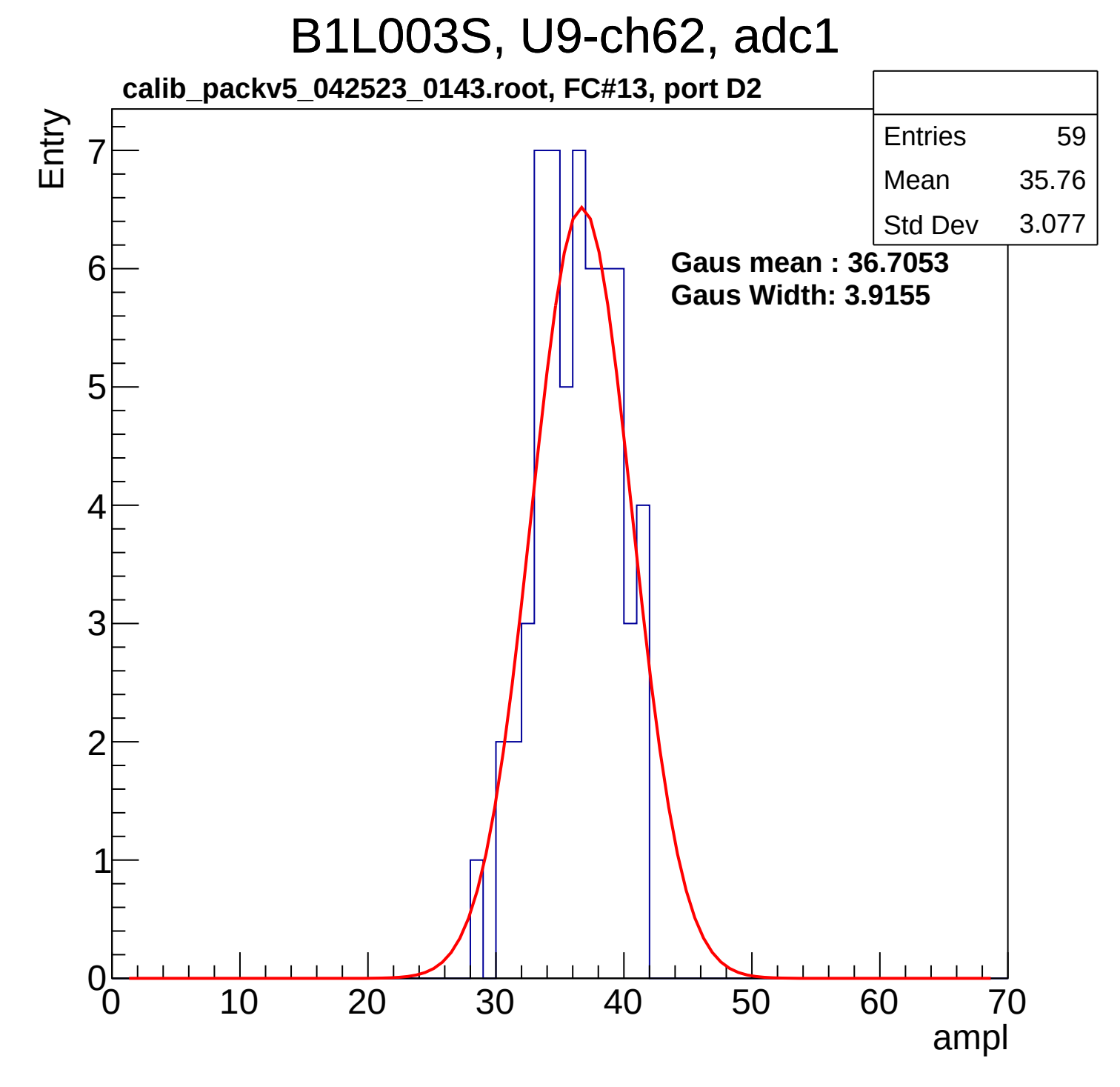
40
50
60
70
ampl


B1L003S, U9-ch61, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch62, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 29.25
Std Dev 3.033
Gaus mean : 30.0639
Gaus Width: 2.8932
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch62, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 35.76
Std Dev 3.077
Gaus mean : 36.7053
Gaus Width: 3.9155
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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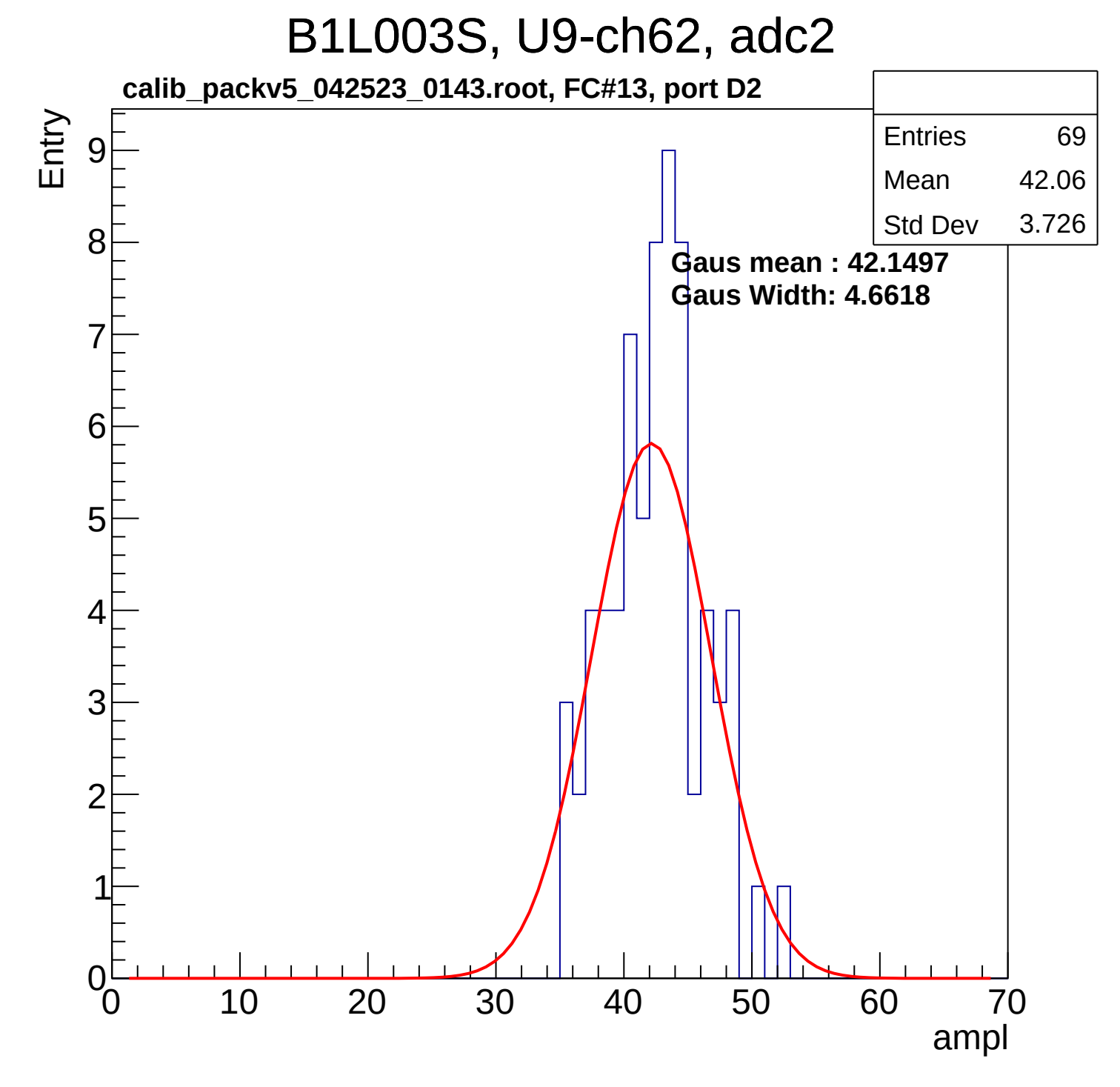
B1L003S, U9-ch62, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 42.06
Std Dev 3.726
Gaus mean : 42.1497
Gaus Width: 4.6618
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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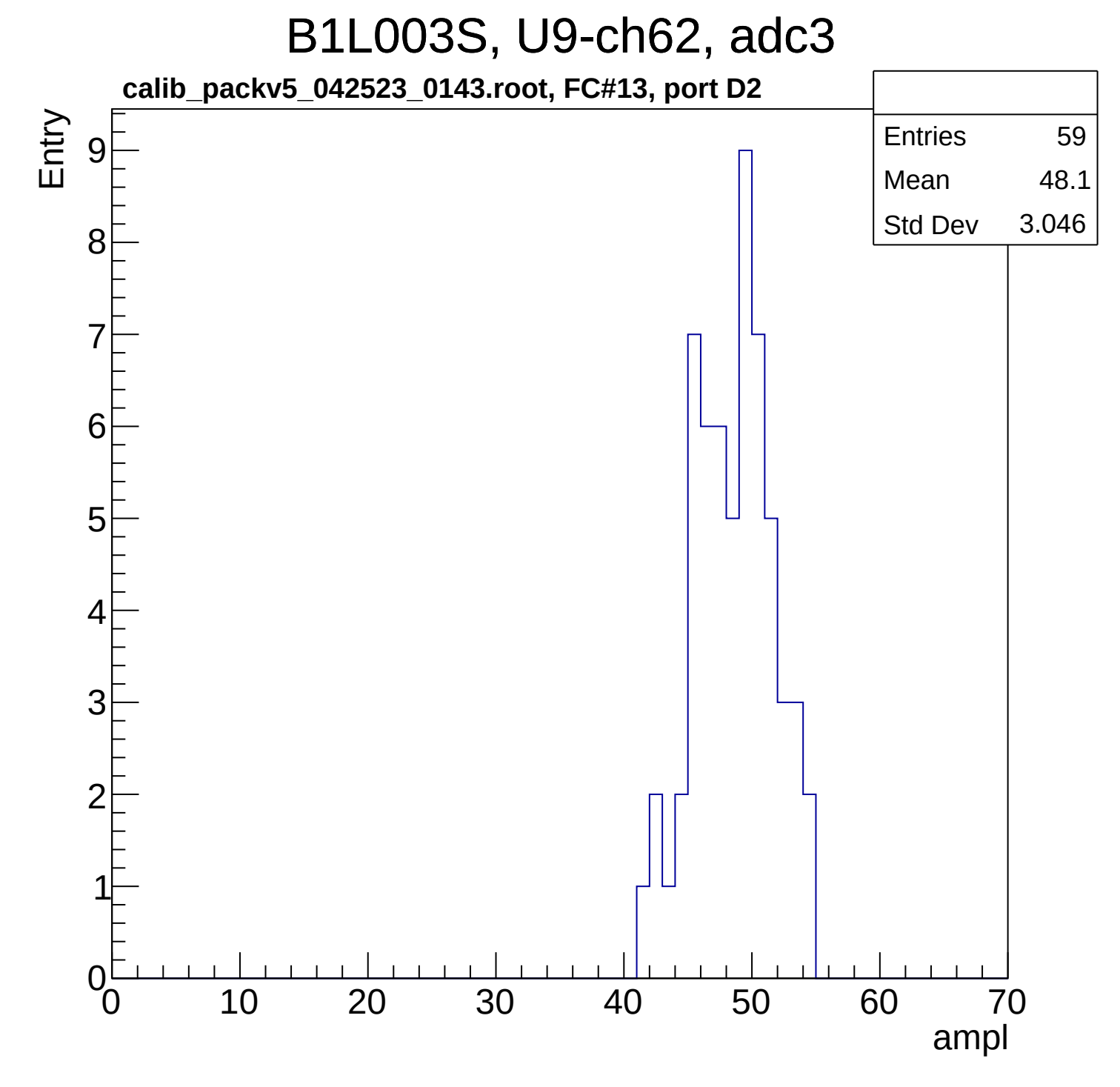
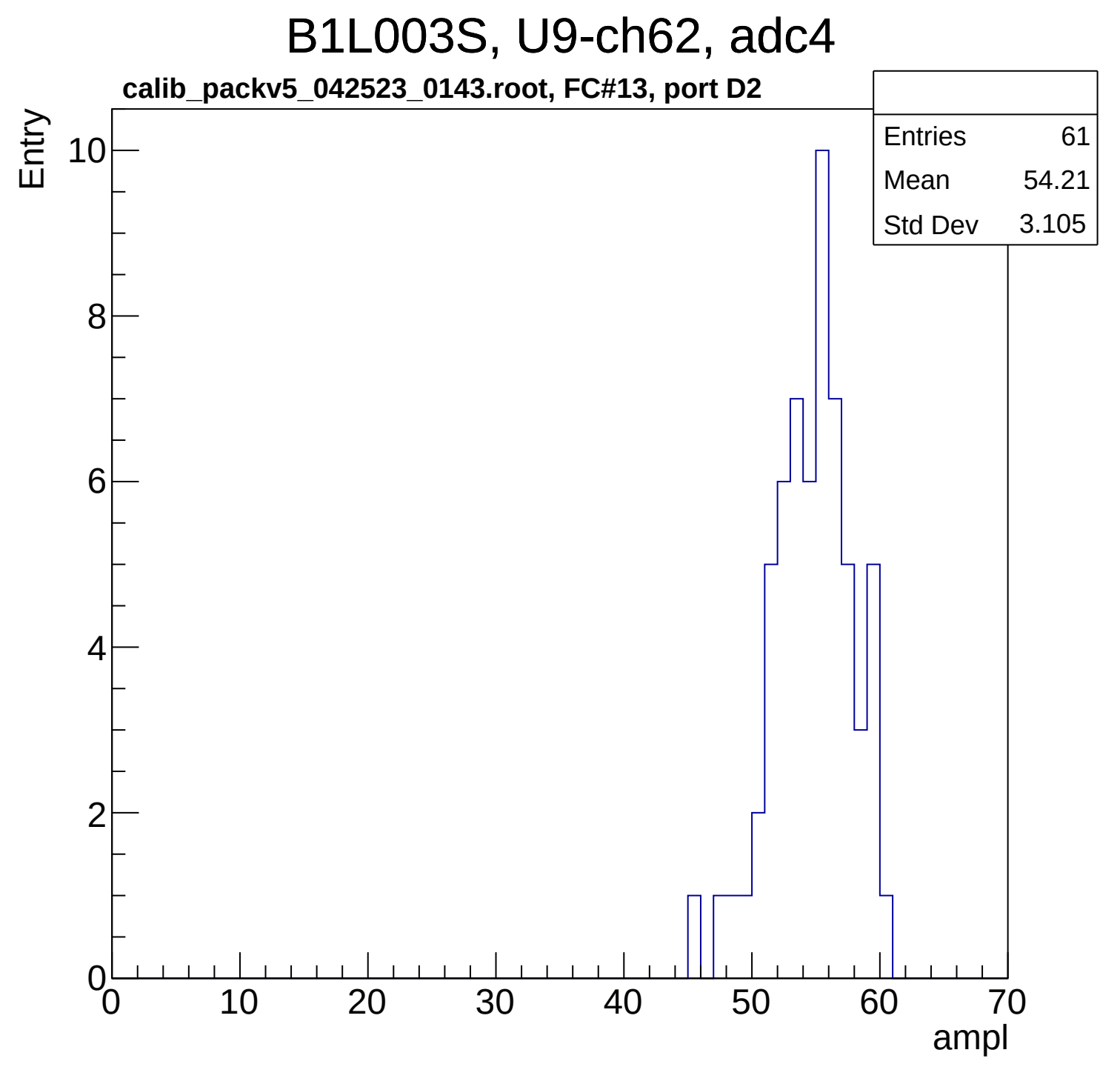
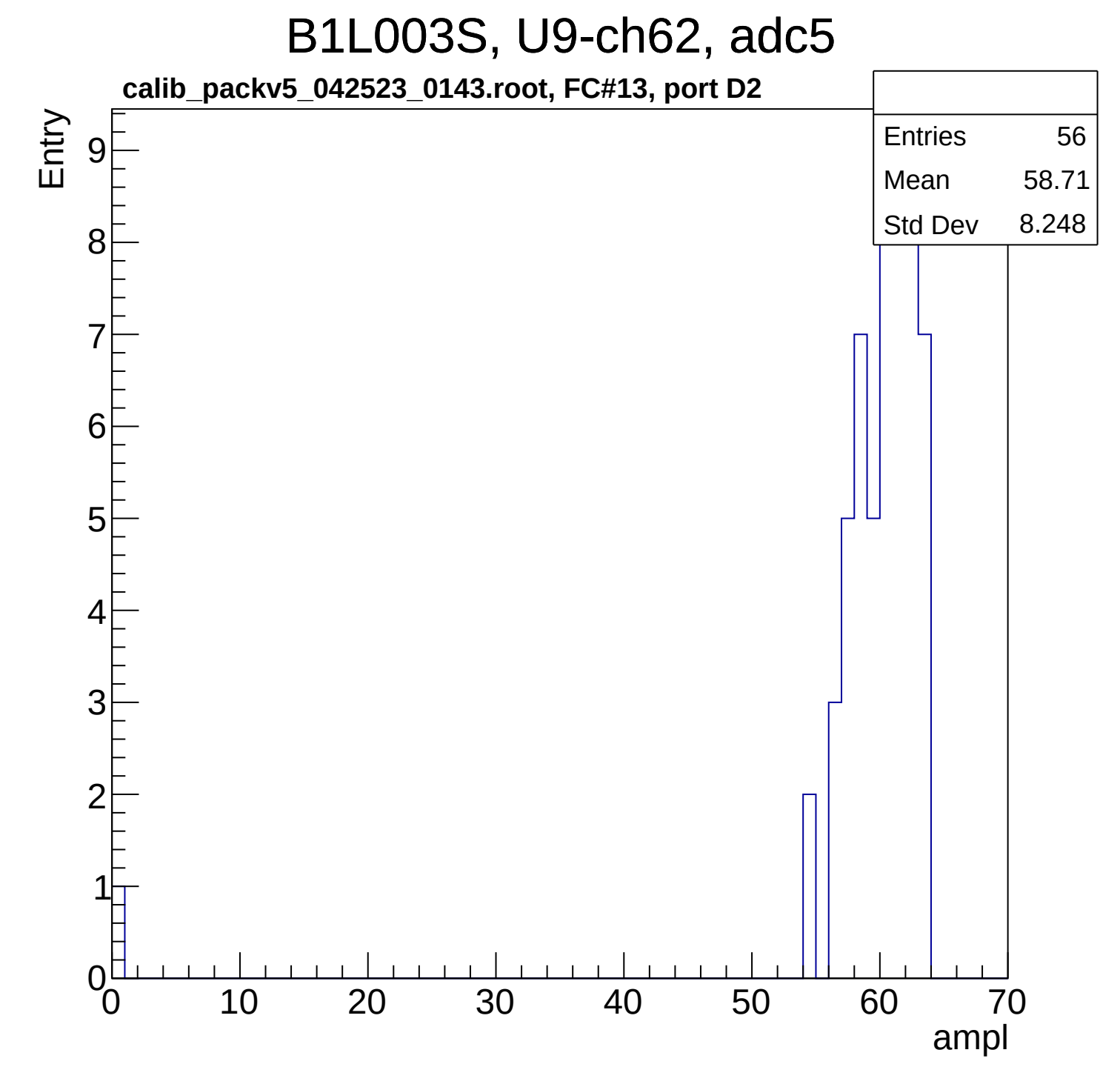
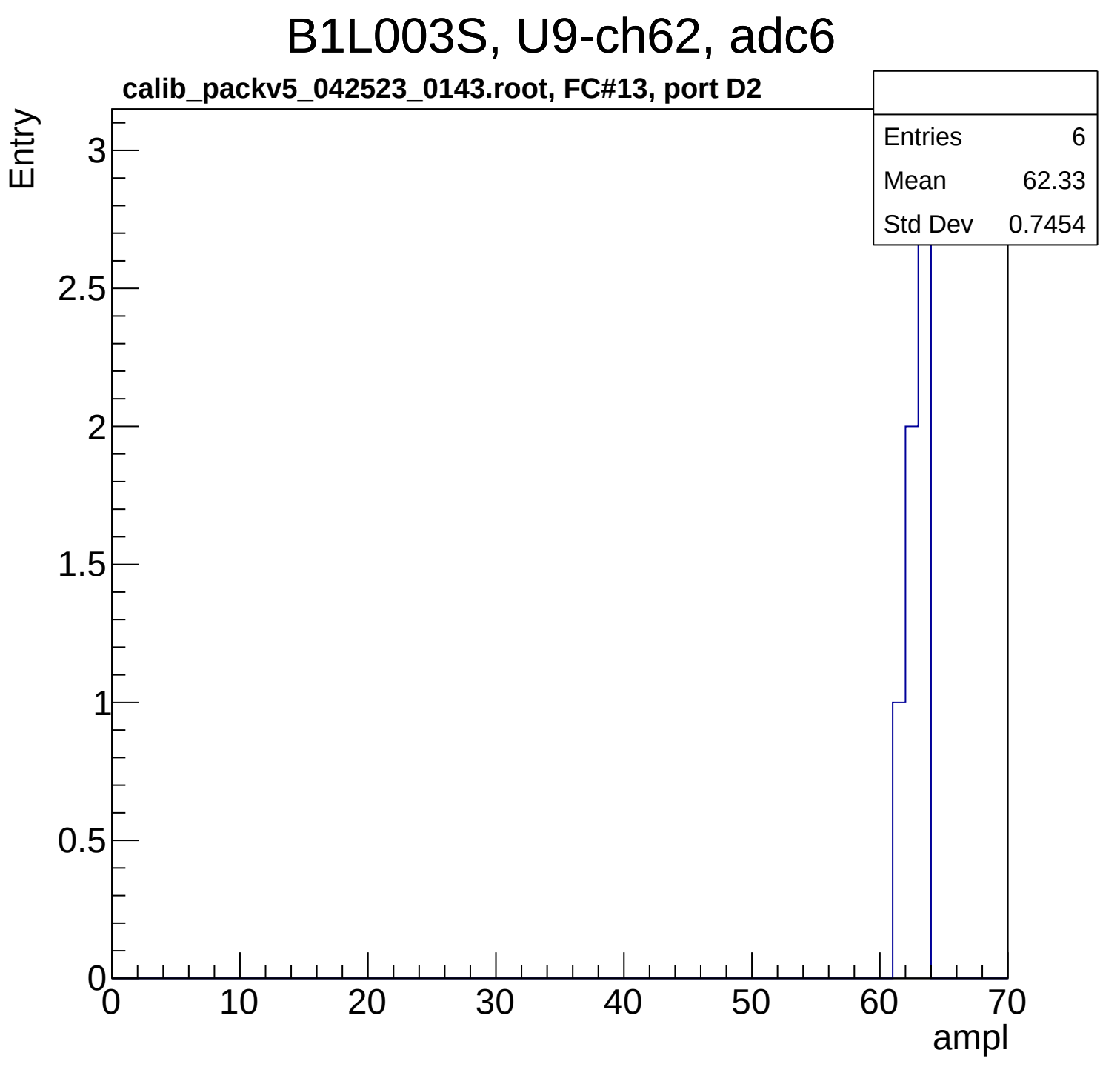
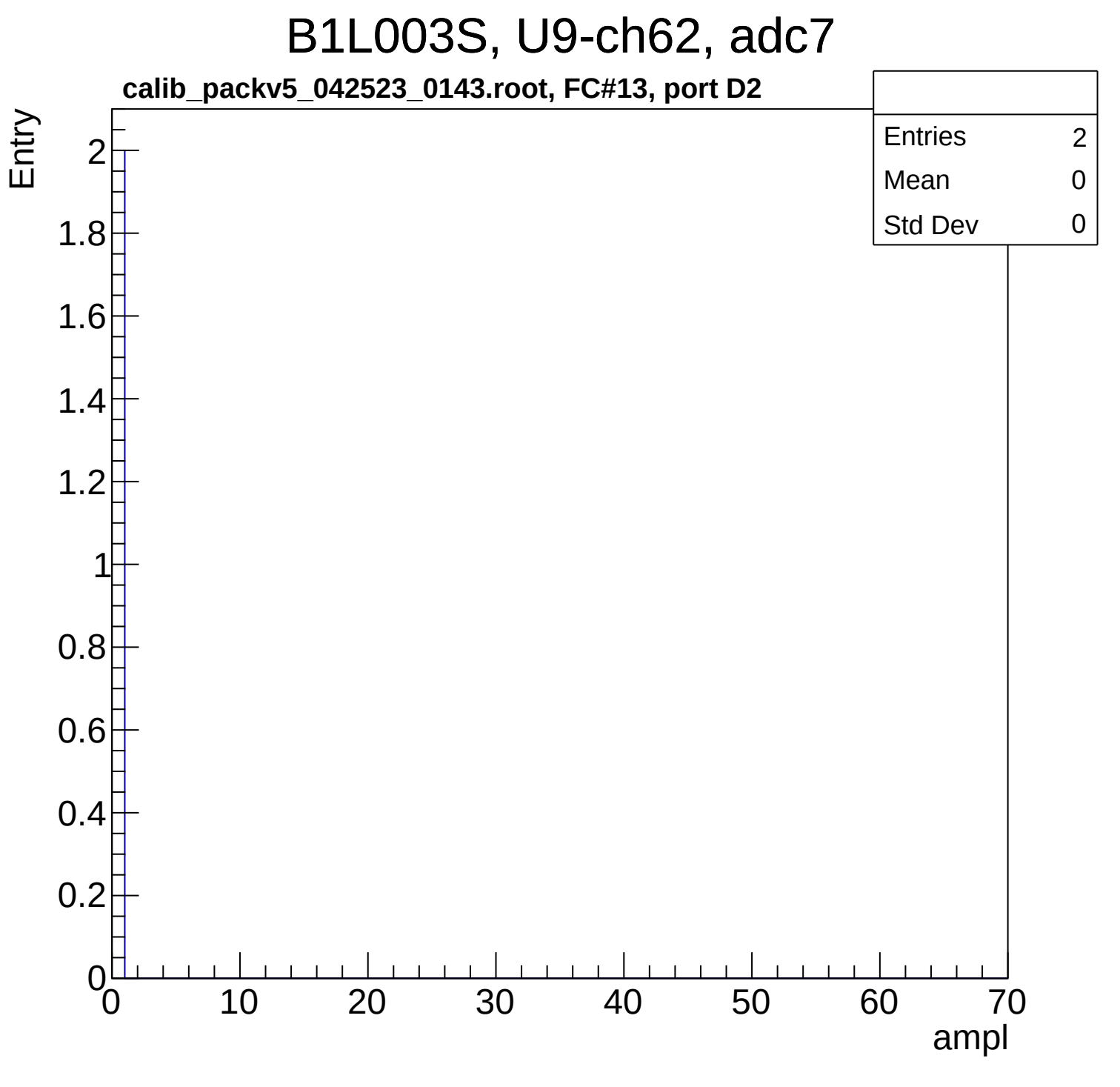

B1L003S, U9-ch62, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 48.1
Std Dev 3.046
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch62, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 54.21
Std Dev 3.105
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch62, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 58.71
Std Dev 8.248
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch62, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 62.33
Std Dev 0.7454
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch62, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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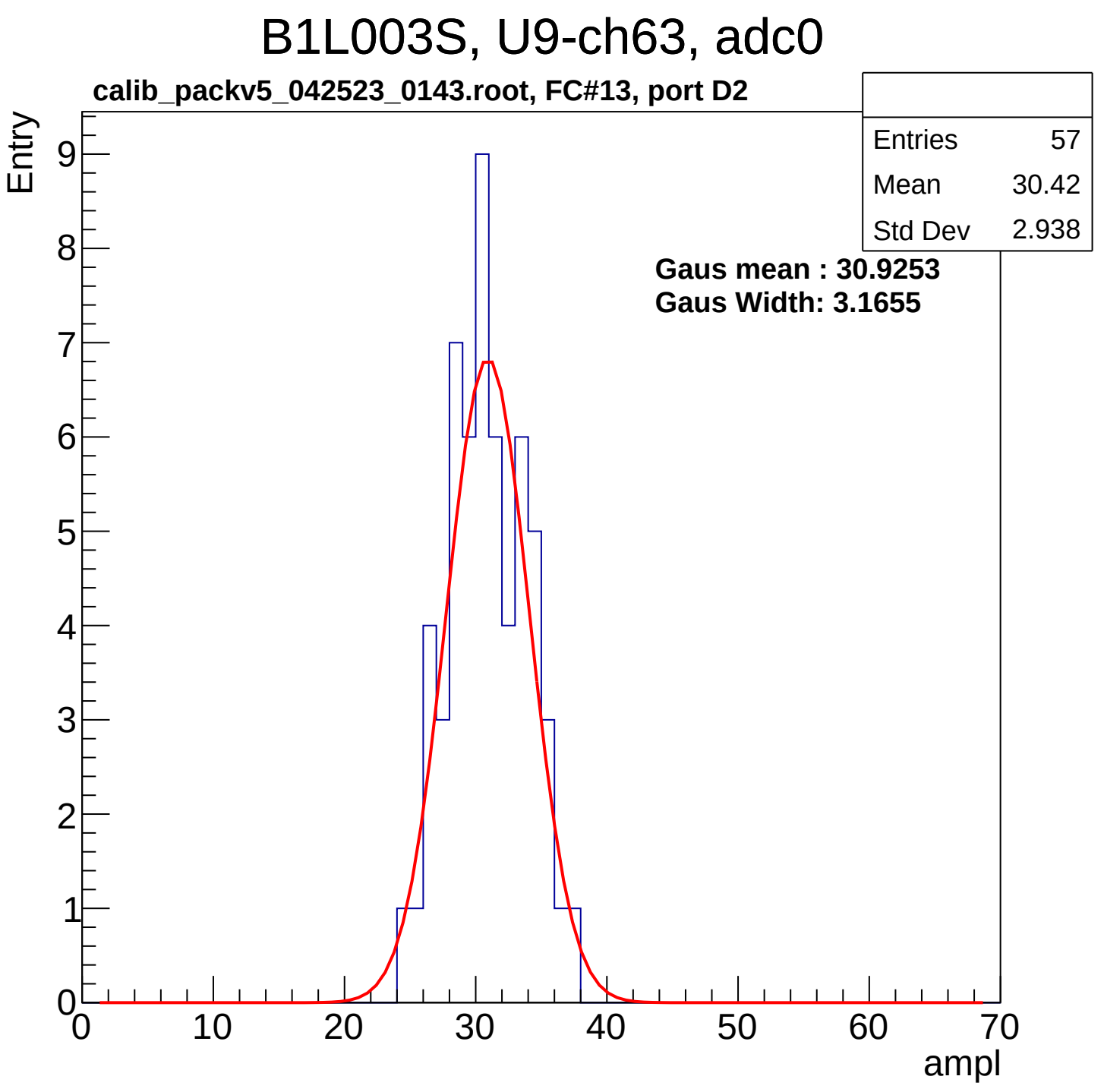
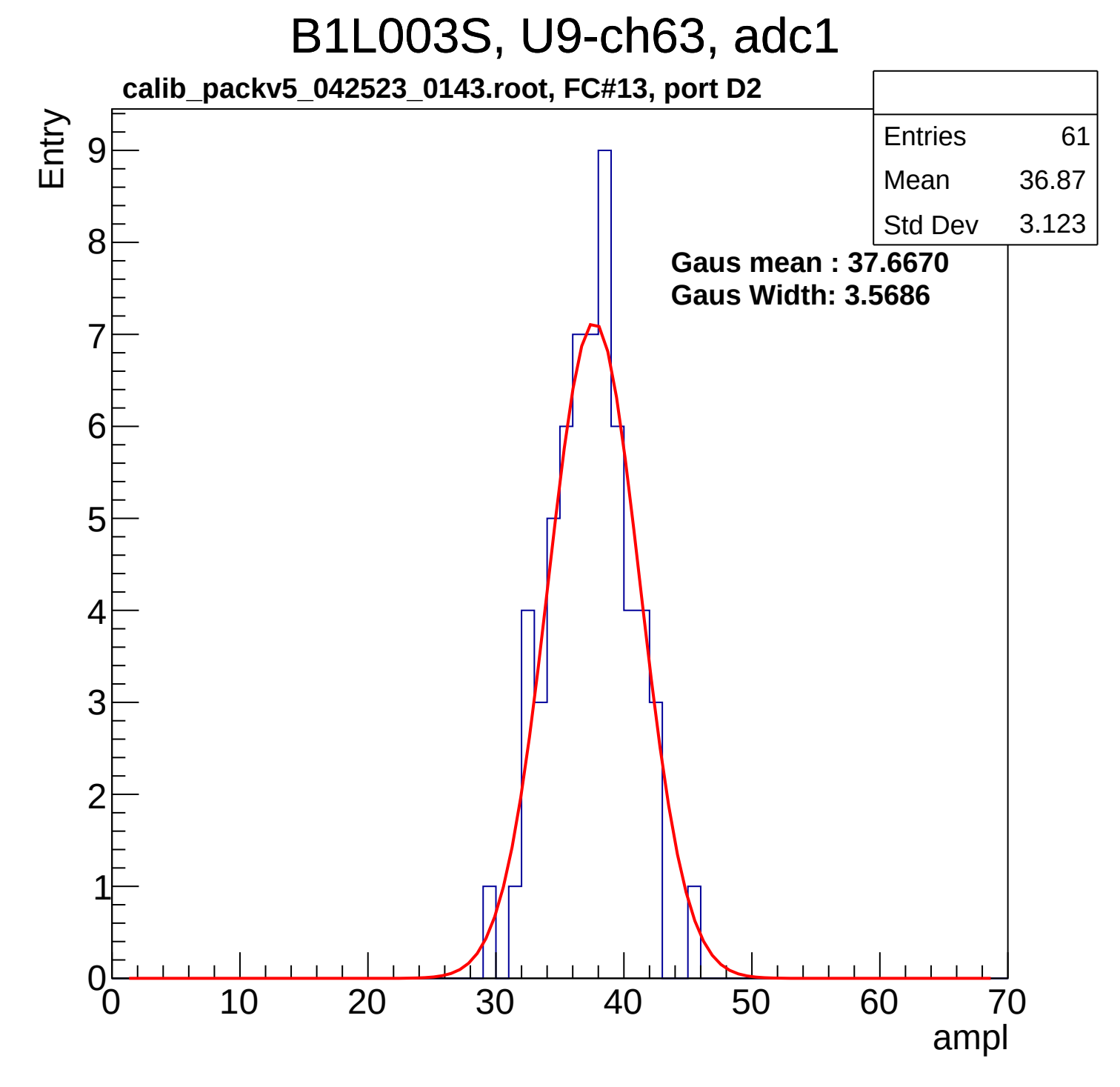
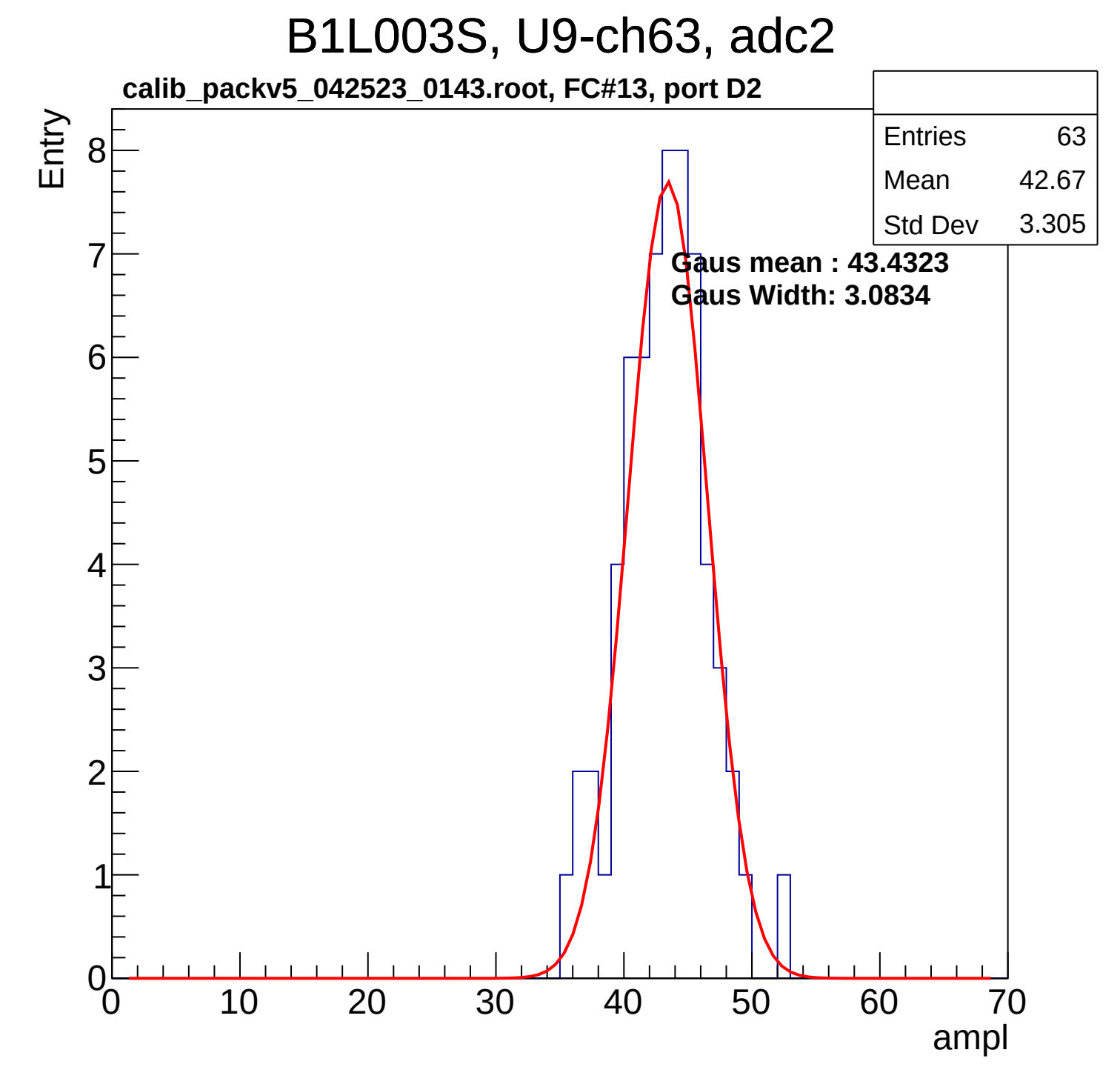
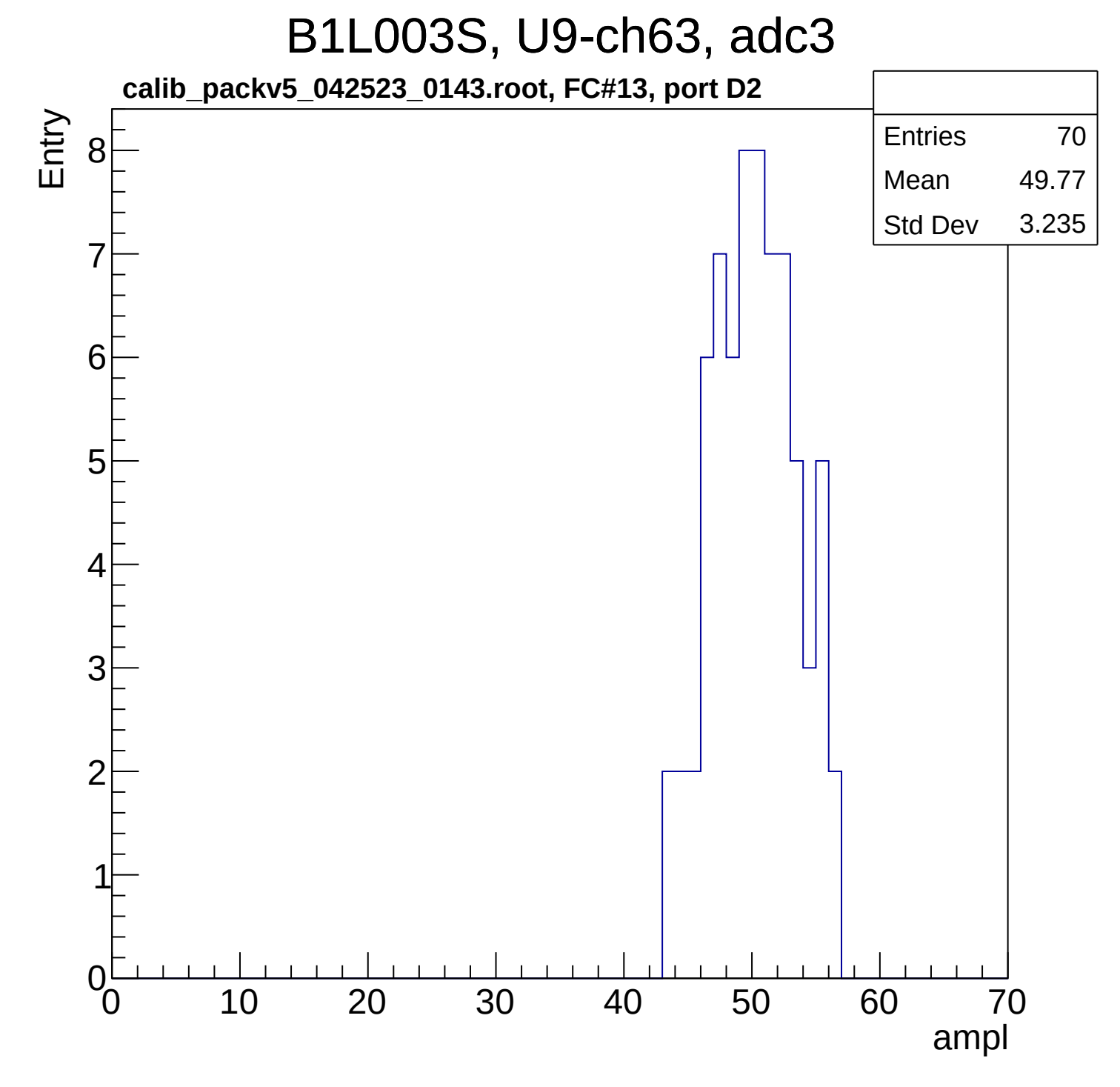
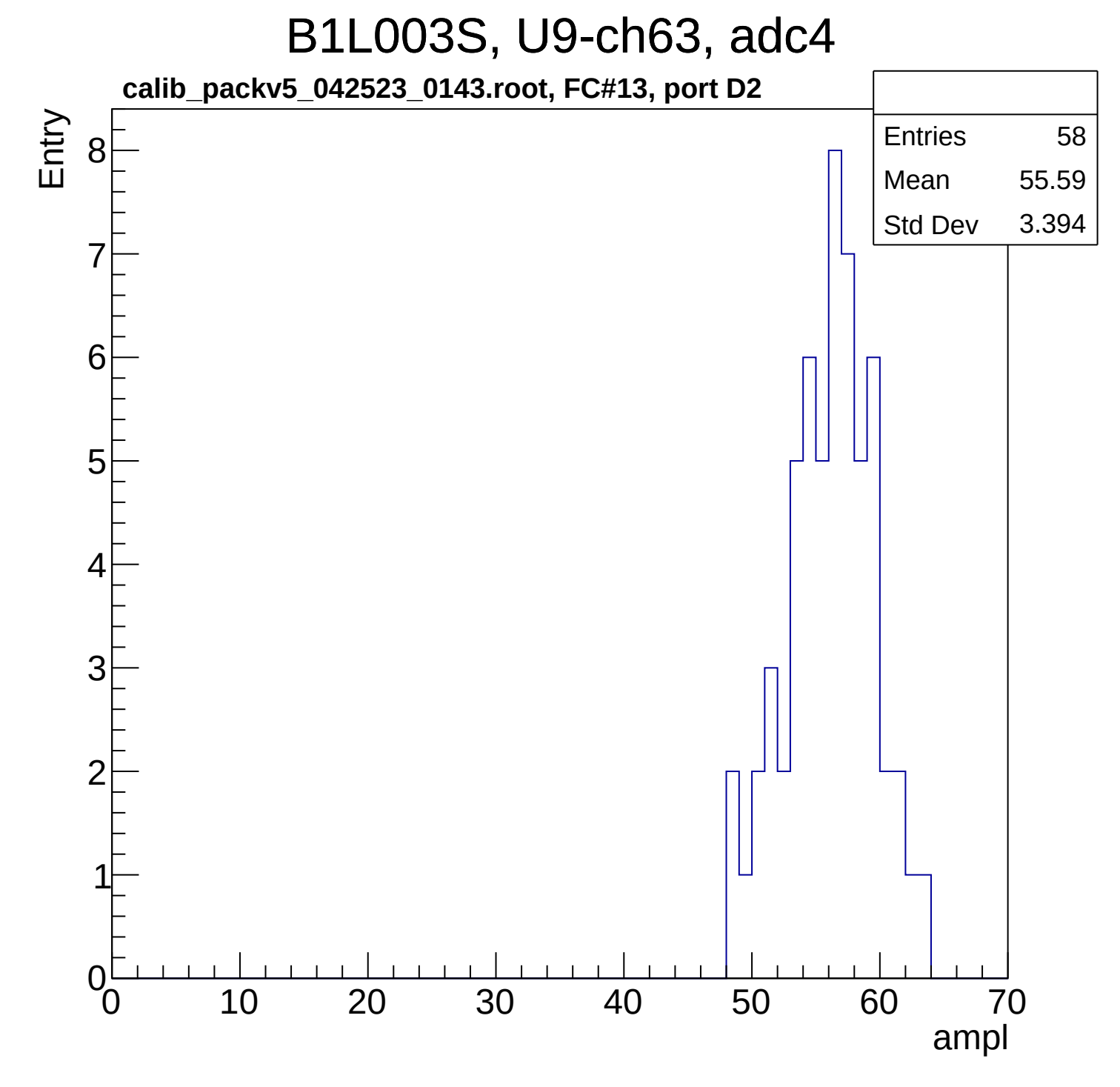
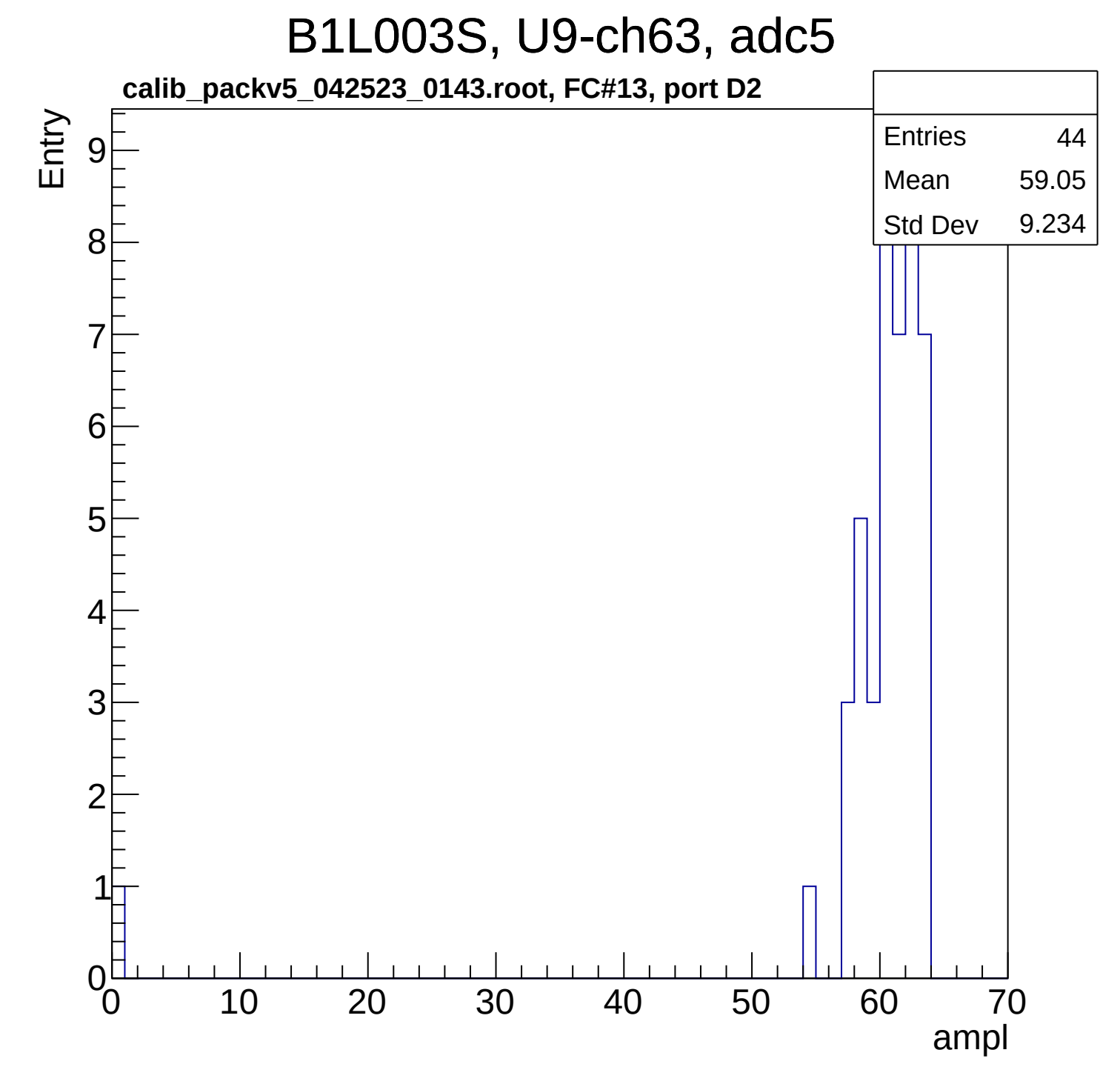

B1L003S, U9-ch63, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 30.42
Std Dev 2.938
Gaus mean : 30.9253
Gaus Width: 3.1655
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch63, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.87
Std Dev 3.123
Gaus mean : 37.6670
Gaus Width: 3.5686
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch63, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 42.67
Std Dev 3.305
Gaus mean : 43.4323
Gaus Width: 3.0834
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch63, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 49.77
Std Dev 3.235
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch63, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 55.59
Std Dev 3.394
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch63, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.05
Std Dev 9.234
Entry
ampl
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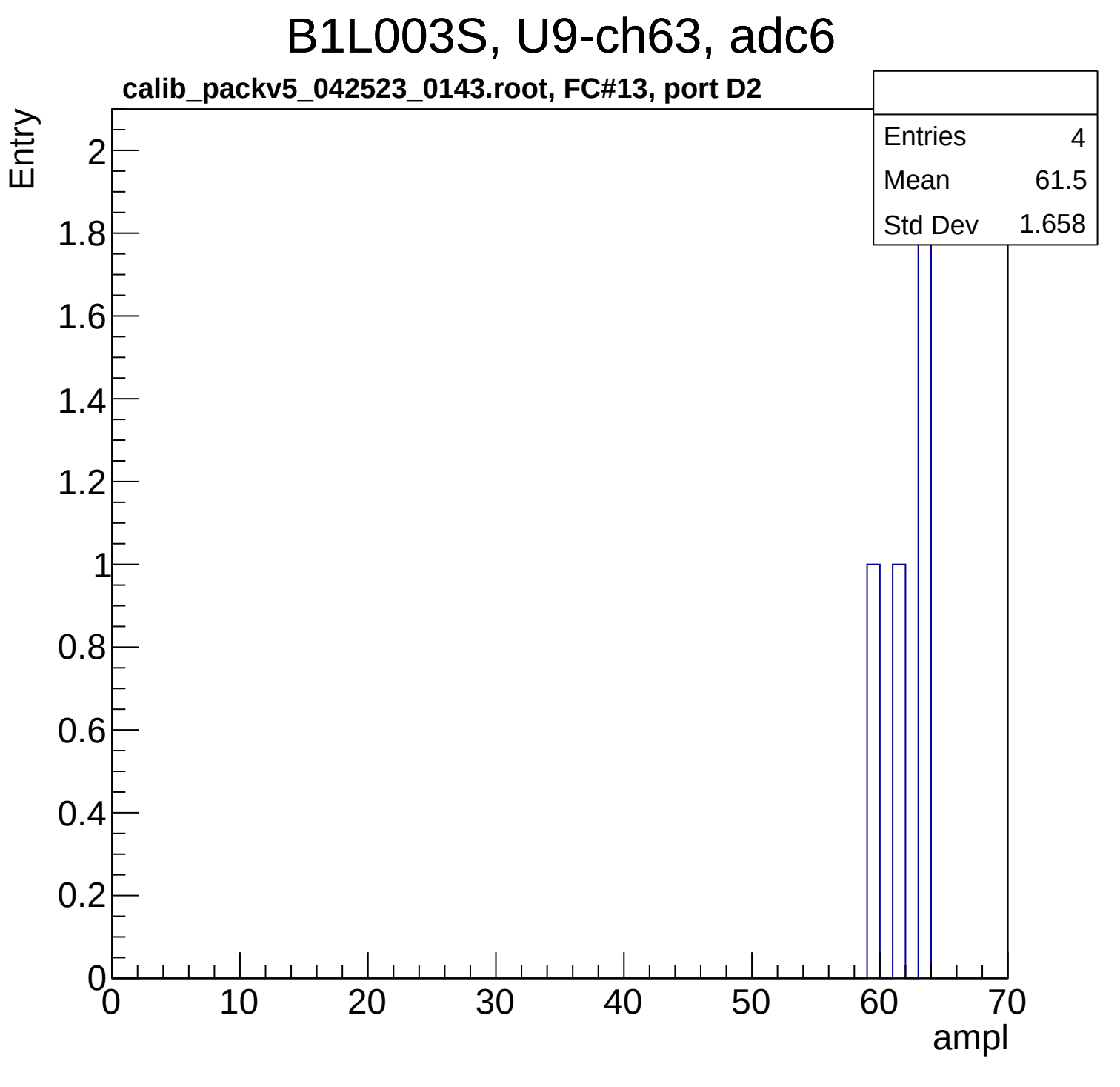
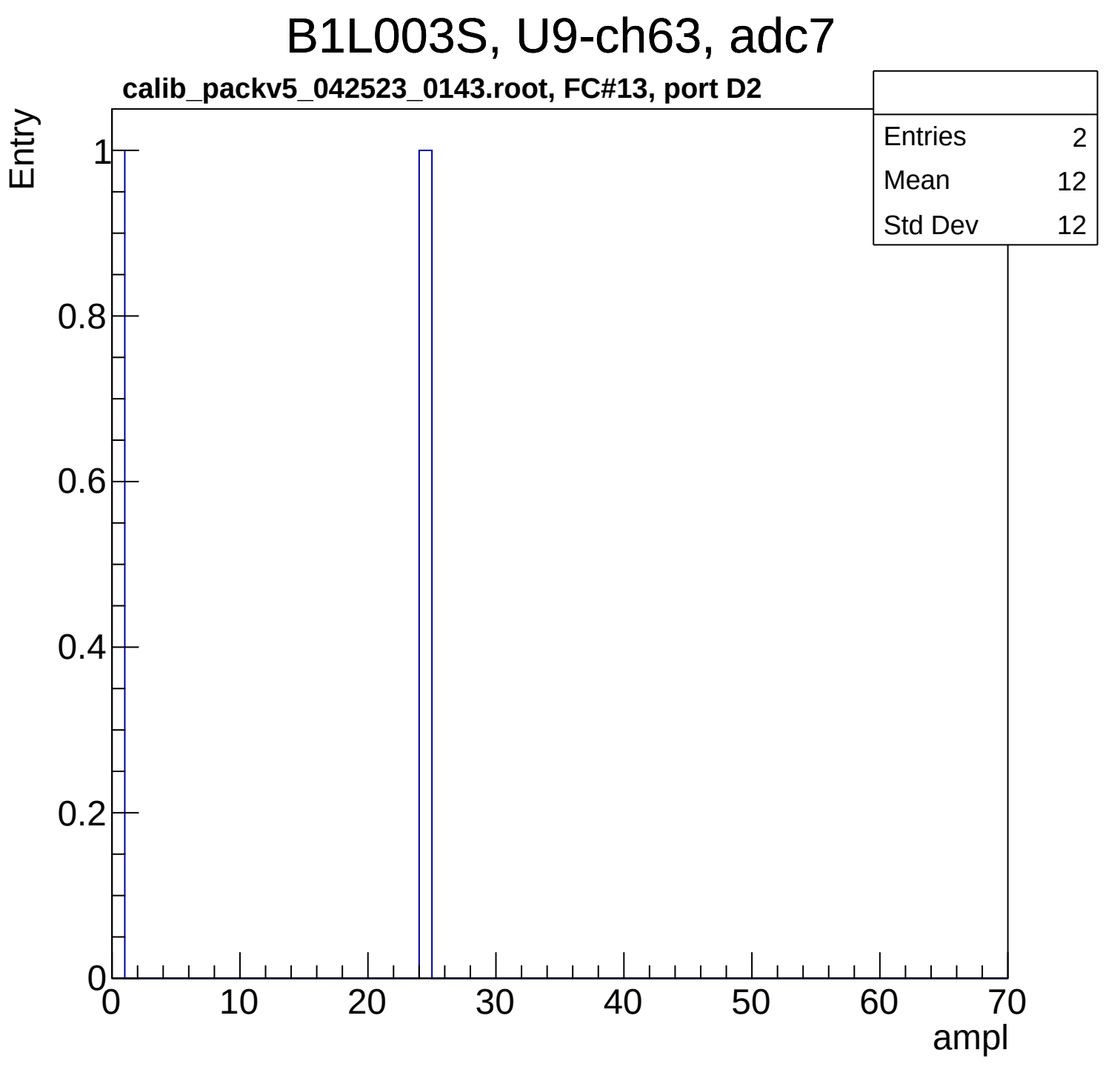
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch63, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.5
Std Dev 1.658
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


B1L003S, U9-ch63, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12
Std Dev 12
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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30
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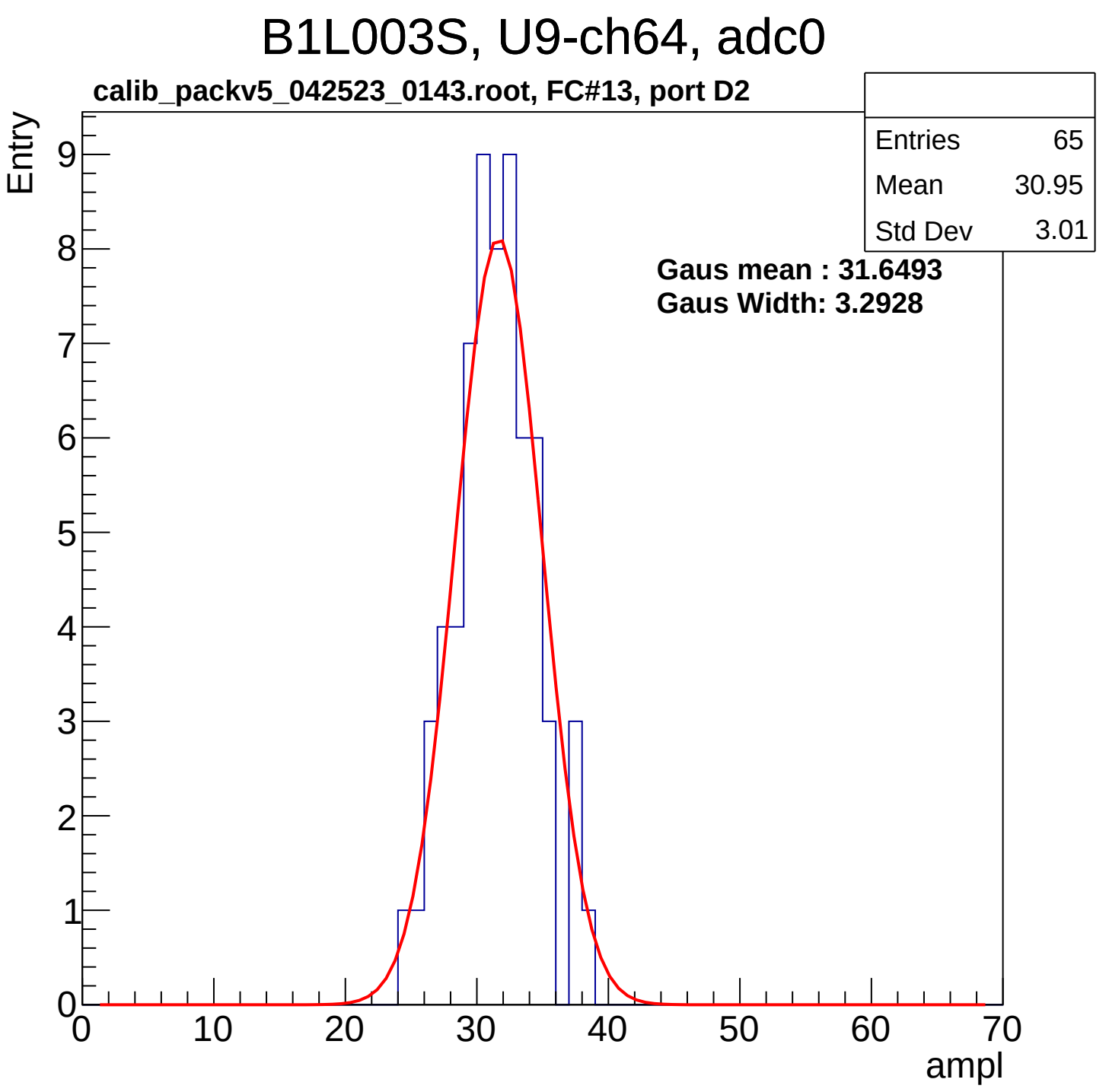
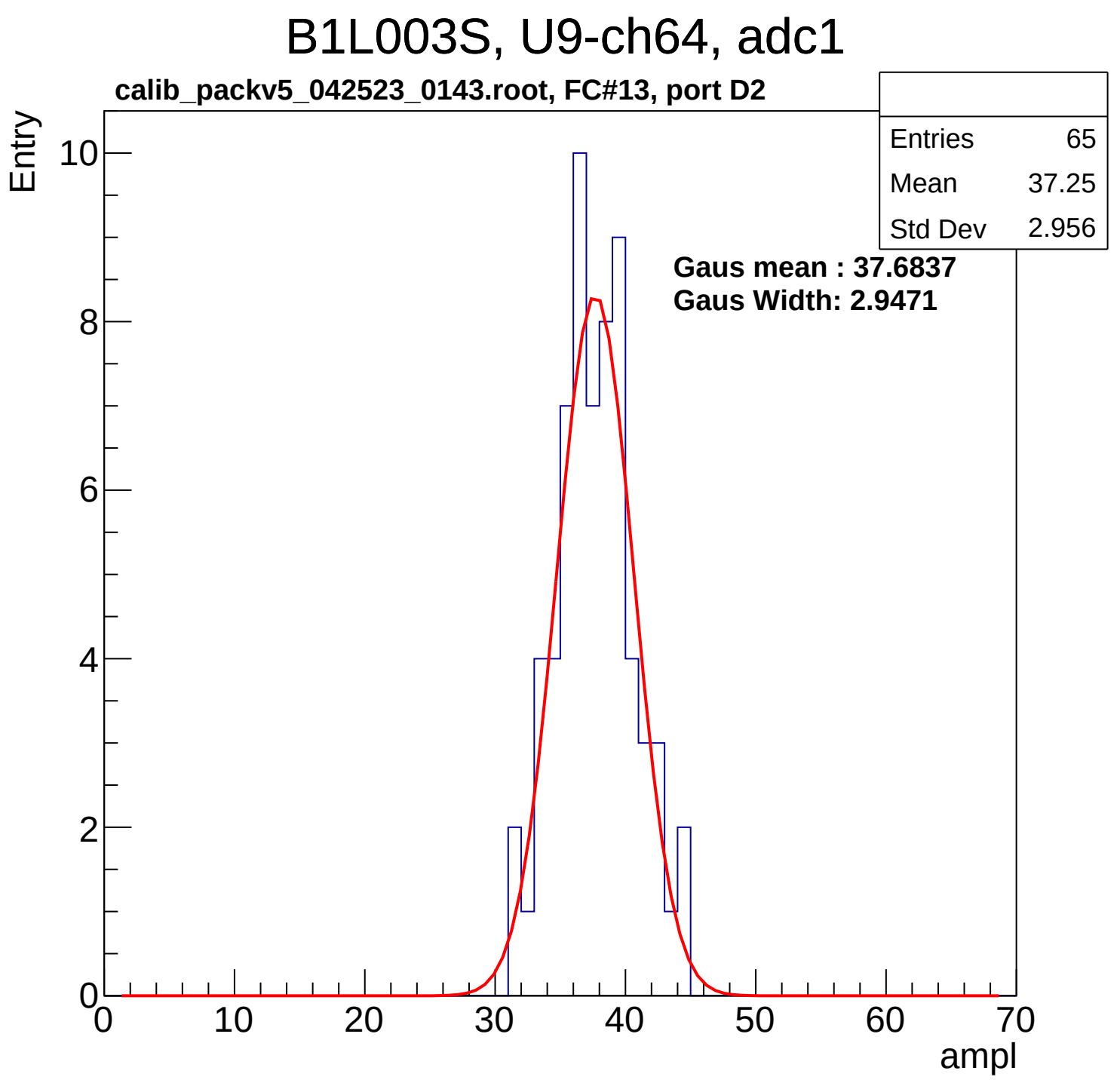
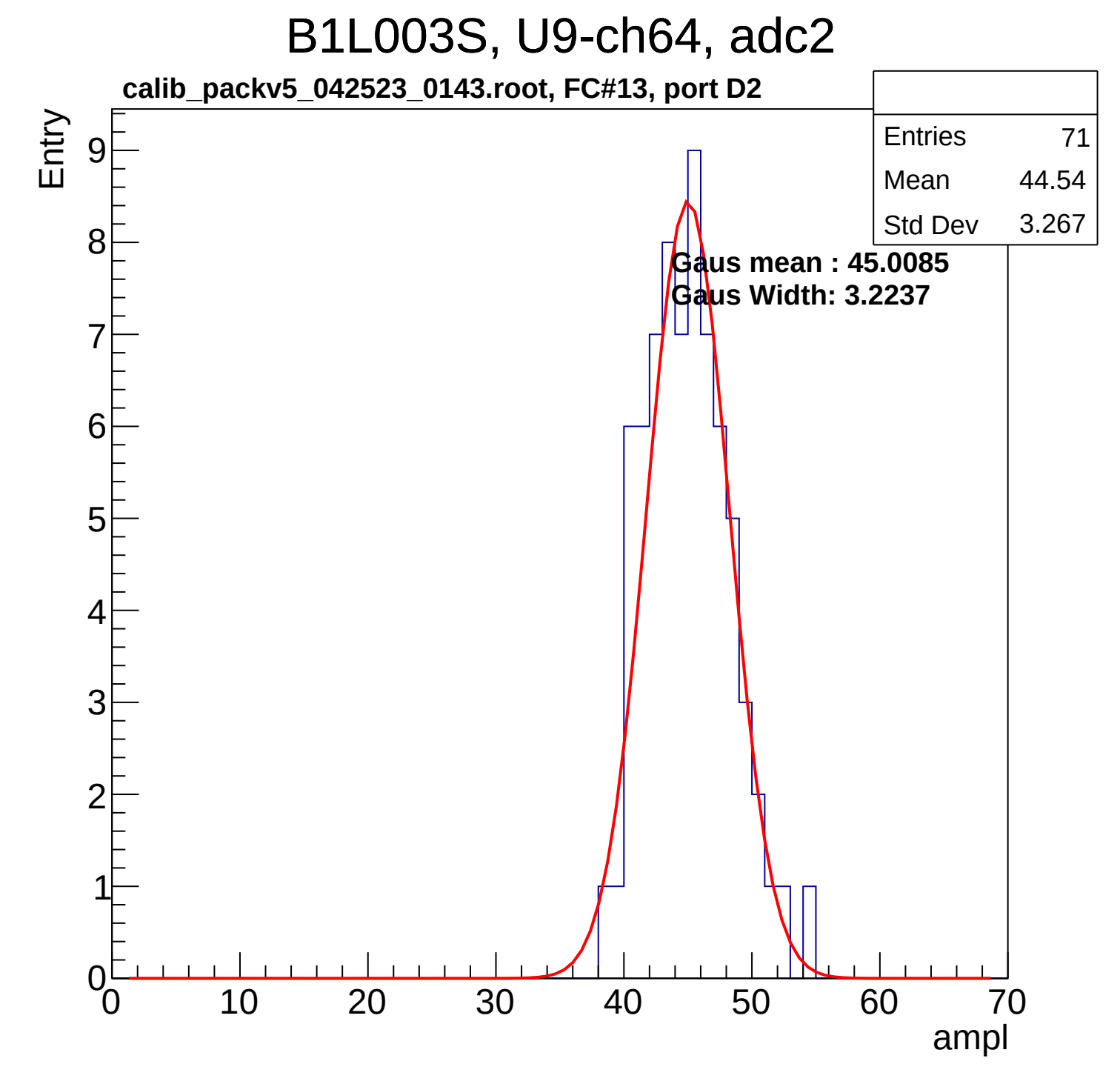
50
60
70
ampl


B1L003S, U9-ch64, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 30.95
Std Dev 3.01
Gaus mean : 31.6493
Gaus Width: 3.2928
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch64, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 37.25
Std Dev 2.956
Gaus mean : 37.6837
Gaus Width: 2.9471
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch64, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 44.54
Std Dev 3.267
Gaus mean : 45.0085
Gaus Width: 3.2237
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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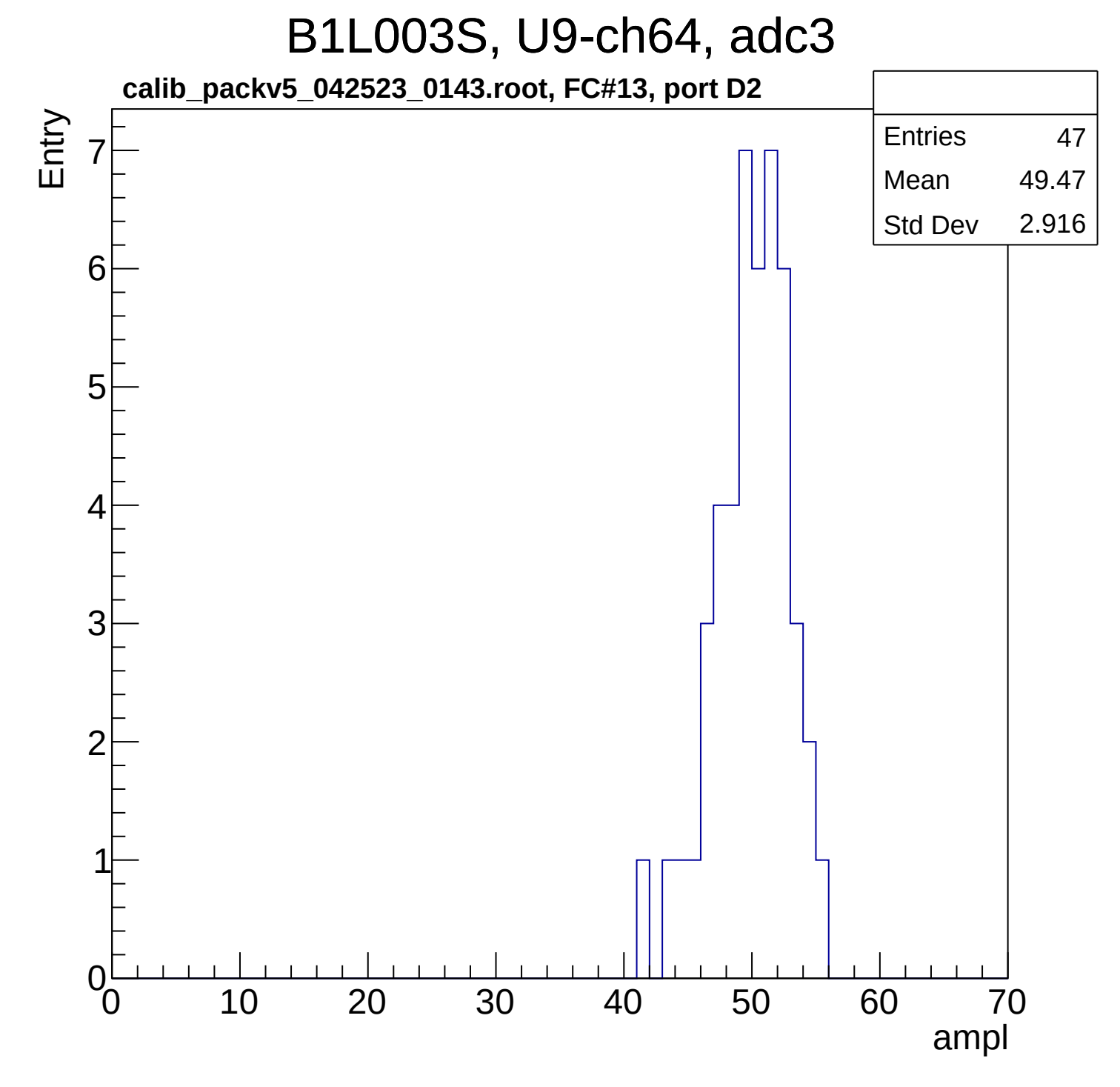
B1L003S, U9-ch64, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 49.47
Std Dev 2.916
Entry
ampl
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4
5
6
7
0
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40
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60
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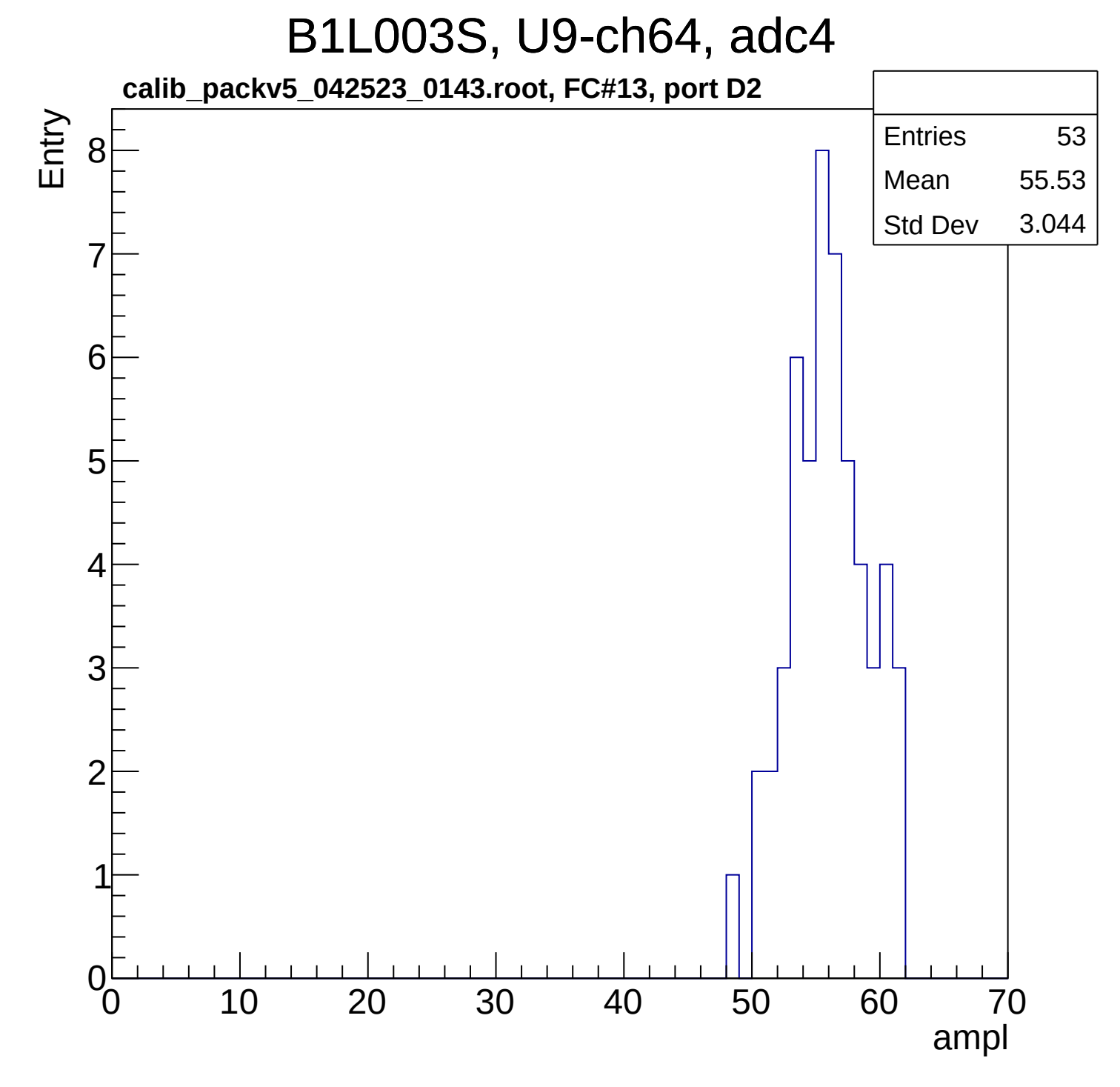
B1L003S, U9-ch64, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 55.53
Std Dev 3.044
Entry
ampl
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2
3
4
5
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0
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60
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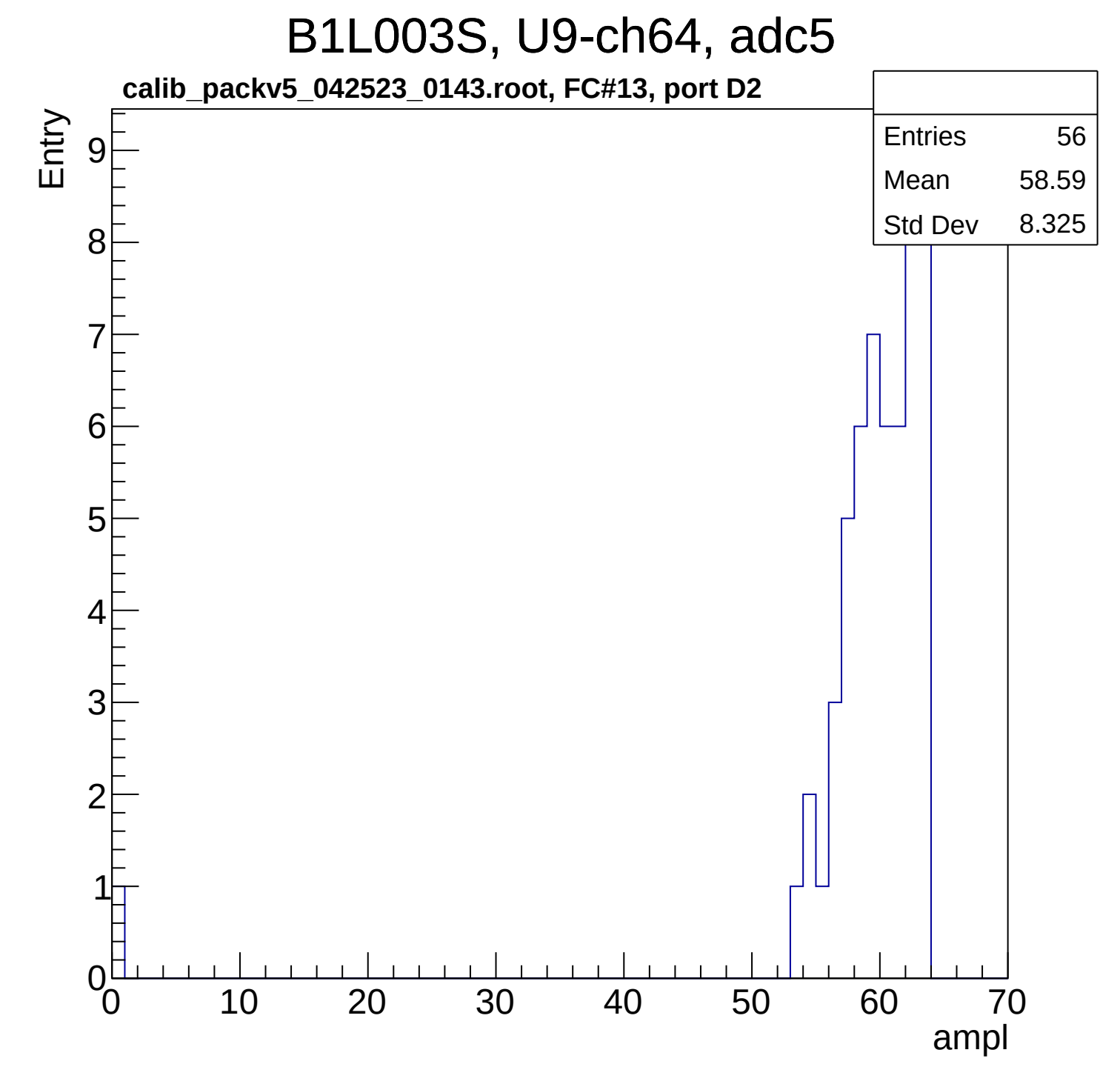
B1L003S, U9-ch64, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 58.59
Std Dev 8.325
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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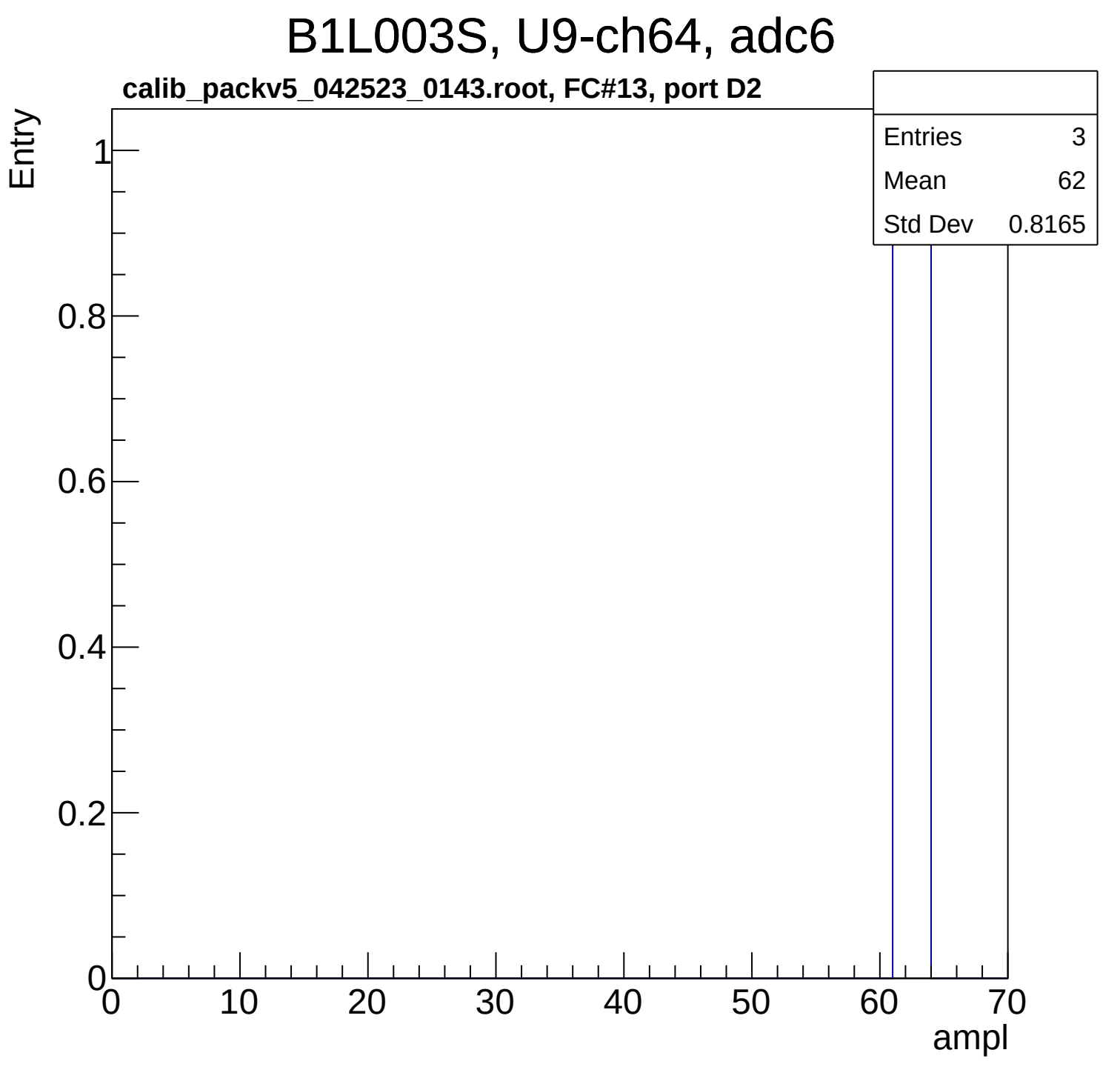
B1L003S, U9-ch64, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62
Std Dev 0.8165
Entry
1
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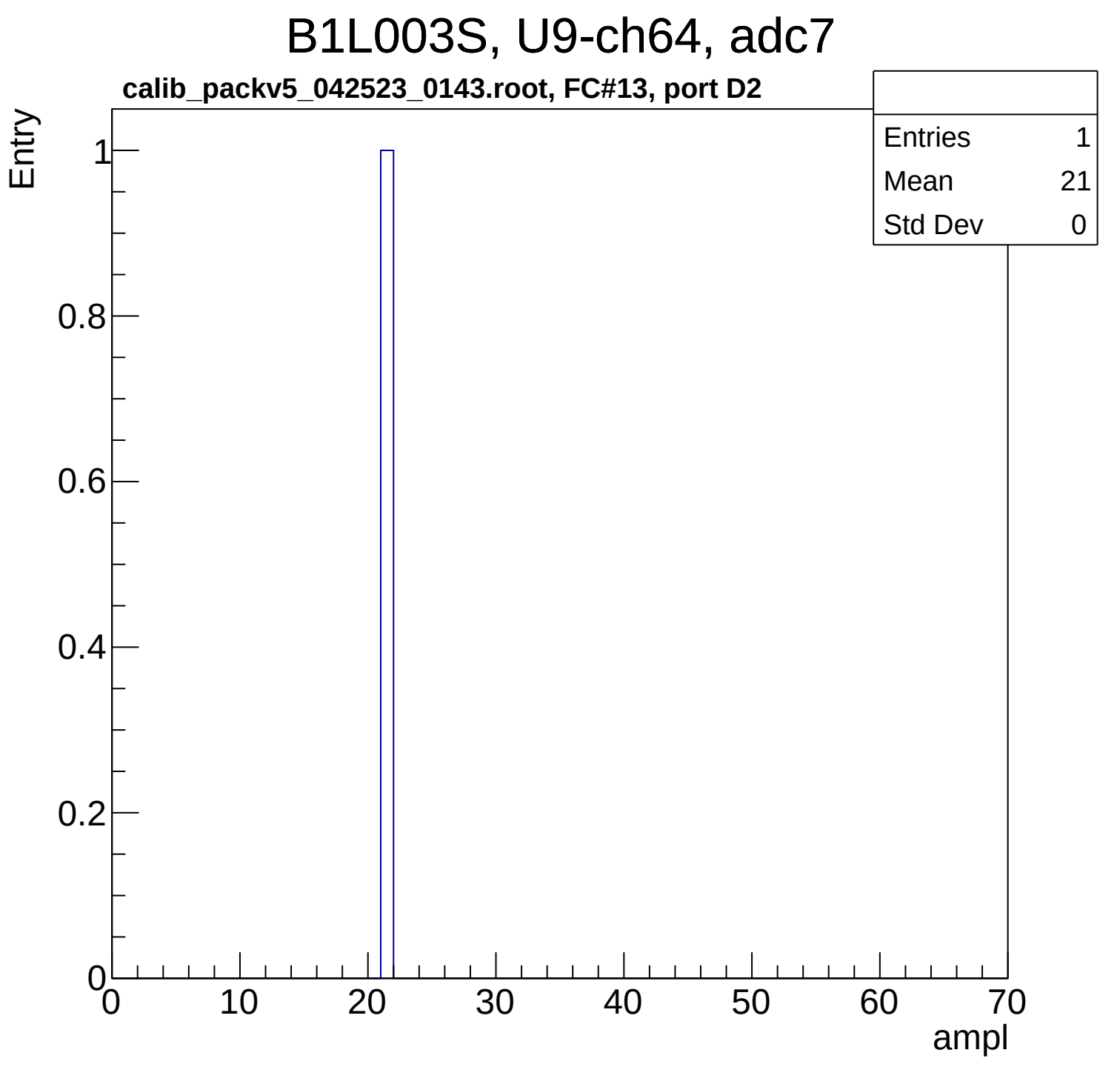
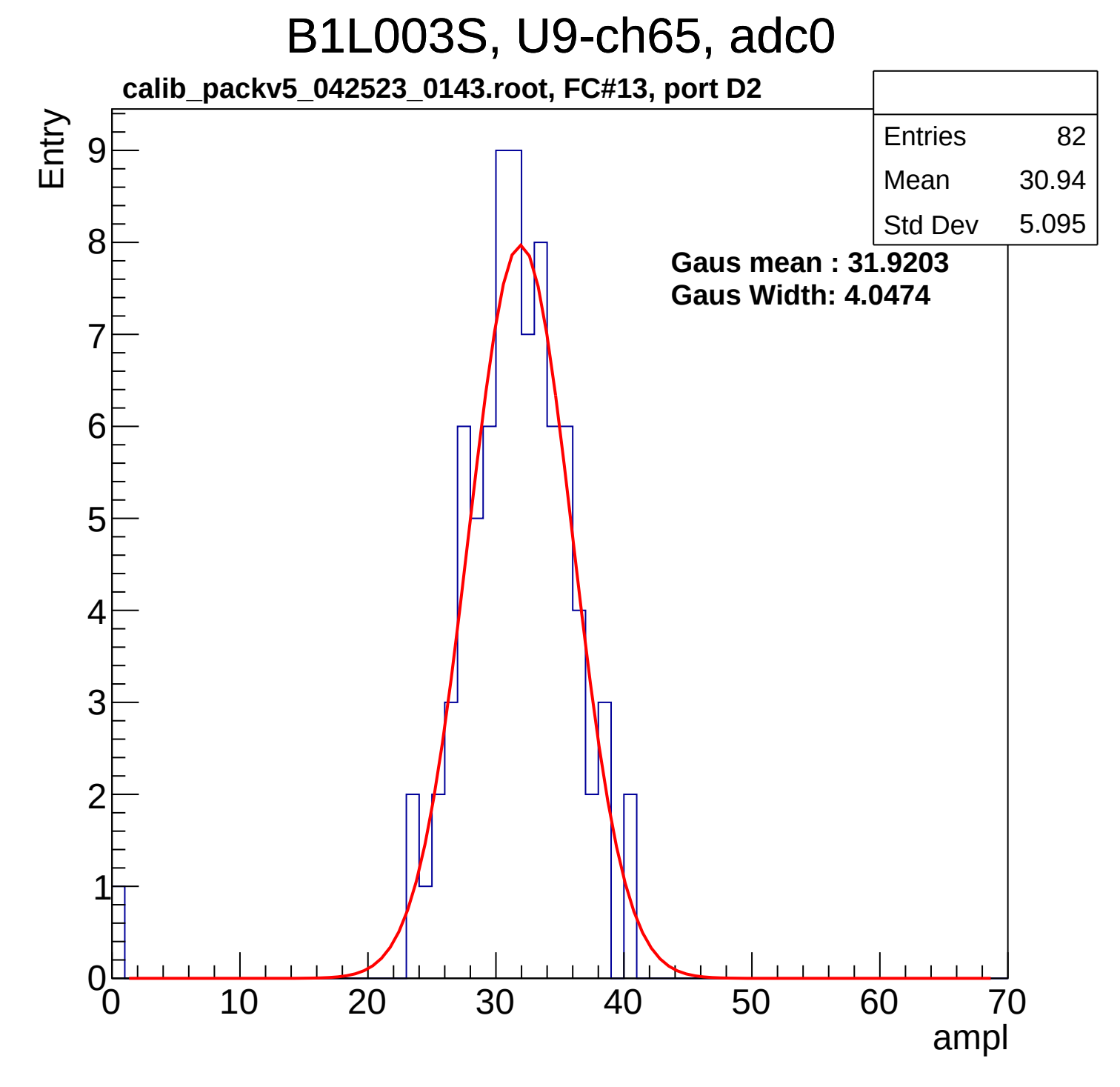
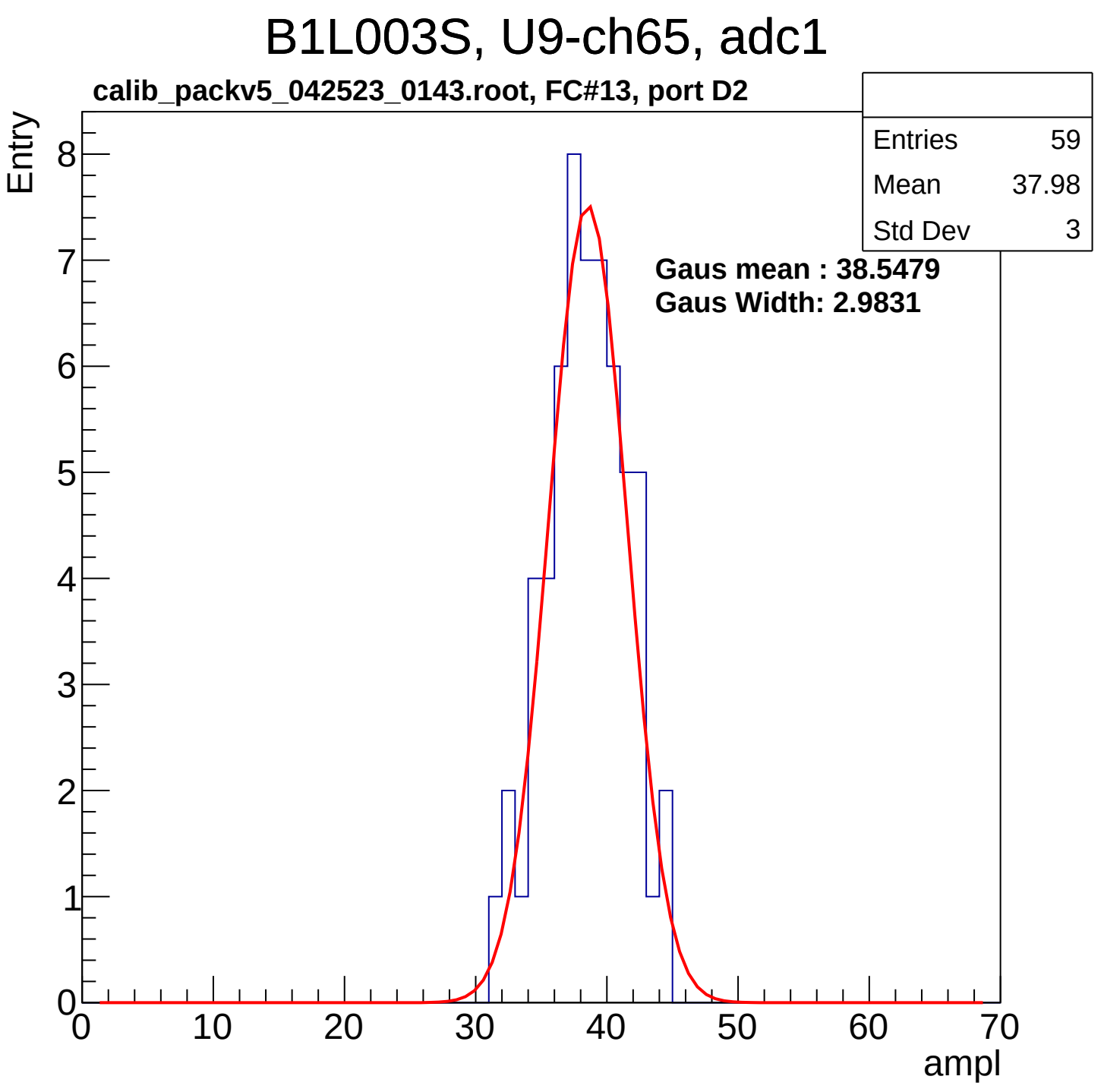
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch64, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch65, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 30.94
Std Dev 5.095
Gaus mean : 31.9203
Gaus Width: 4.0474
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch65, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 37.98
Std Dev 3
Gaus mean : 38.5479
Gaus Width: 2.9831
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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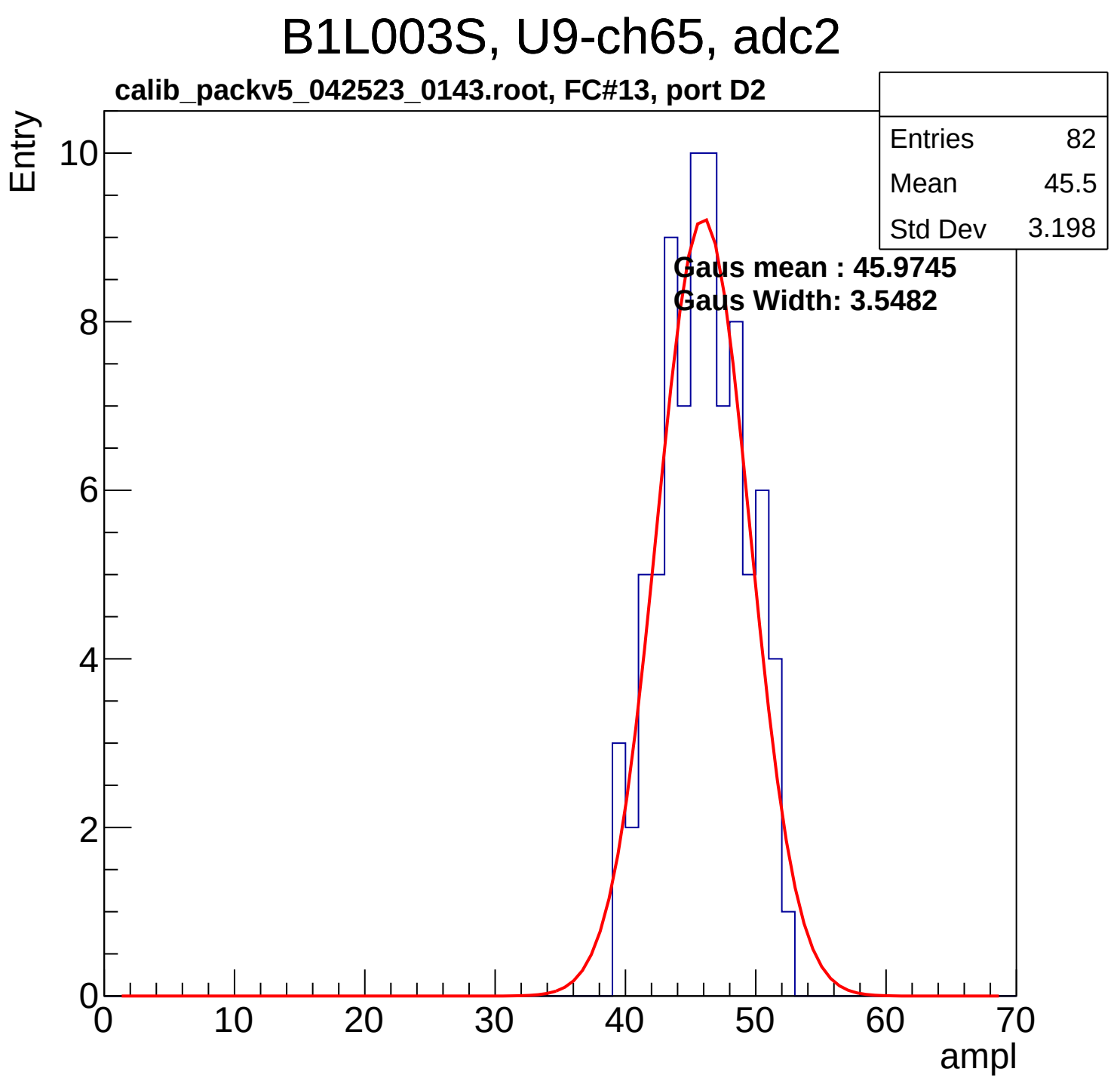
B1L003S, U9-ch65, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 45.5
Std Dev 3.198
Gaus mean : 45.9745
Gaus Width: 3.5482
Entry
ampl
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4
6
8
10
0
10
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30
40
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60
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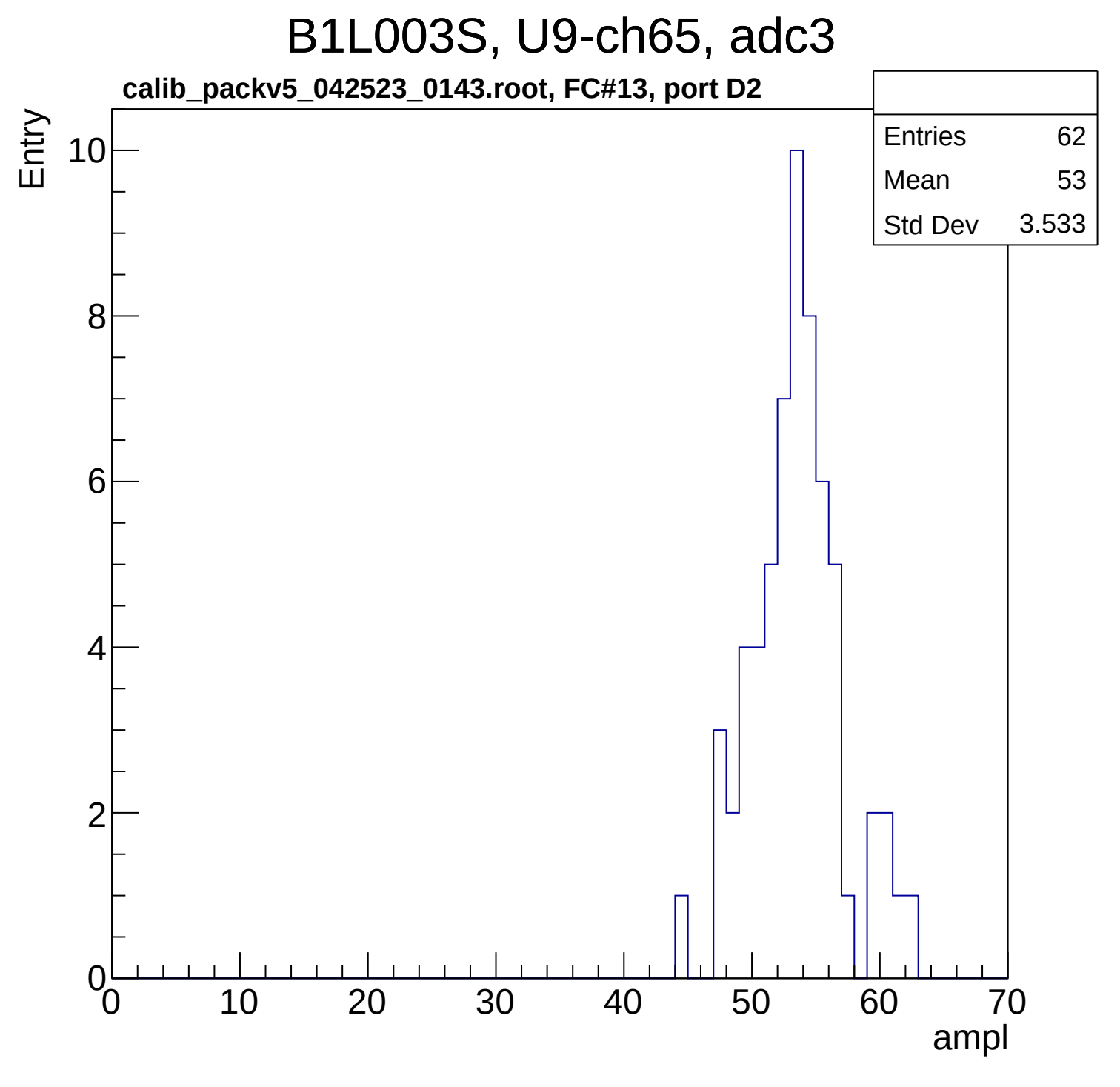
B1L003S, U9-ch65, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 53
Std Dev 3.533
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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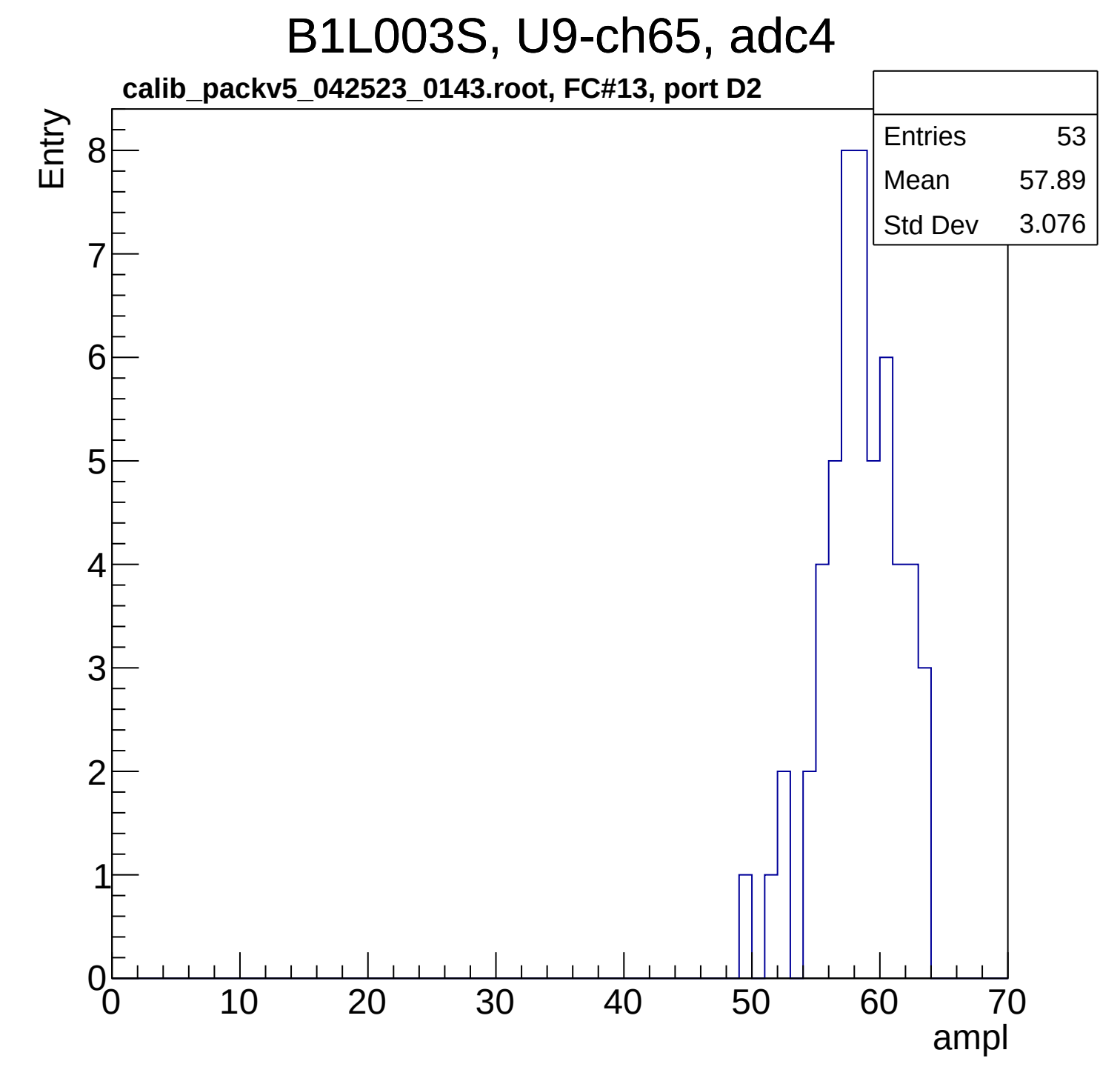
B1L003S, U9-ch65, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 57.89
Std Dev 3.076
Entry
ampl
0
1
2
3
4
5
6
7
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0
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40
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60
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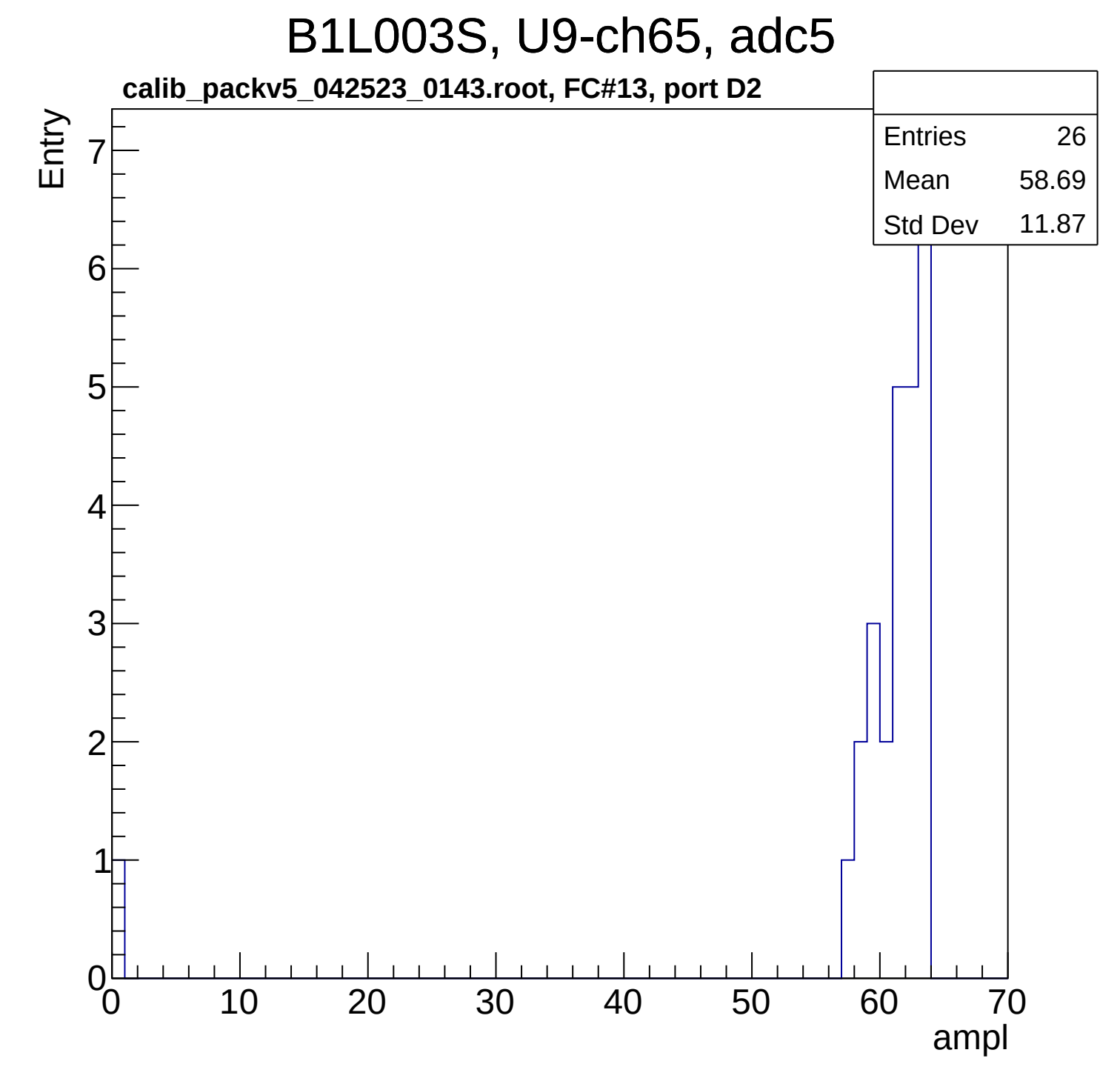
B1L003S, U9-ch65, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 26
Mean 58.69
Std Dev 11.87
Entry
ampl
0
1
2
3
4
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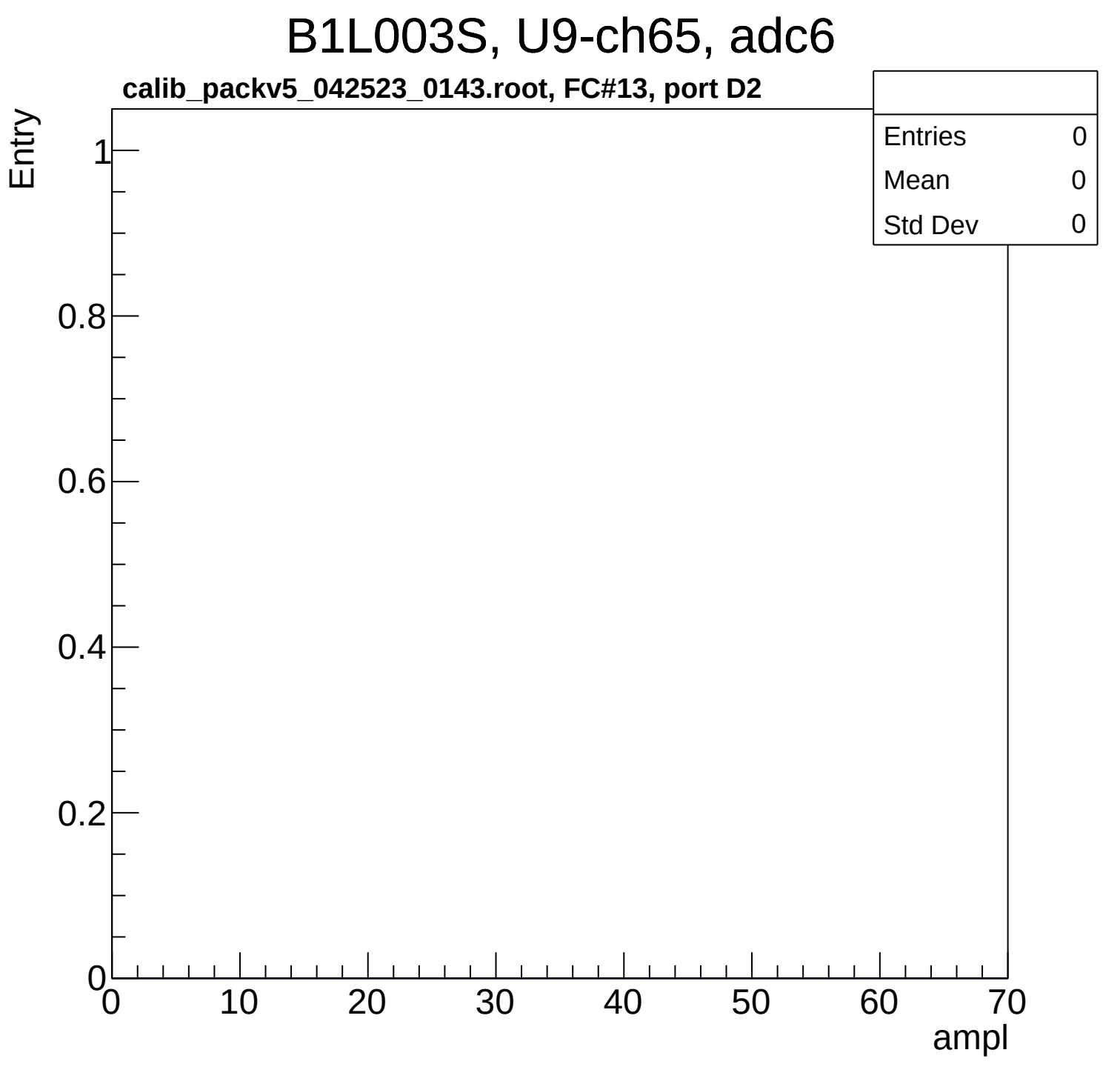
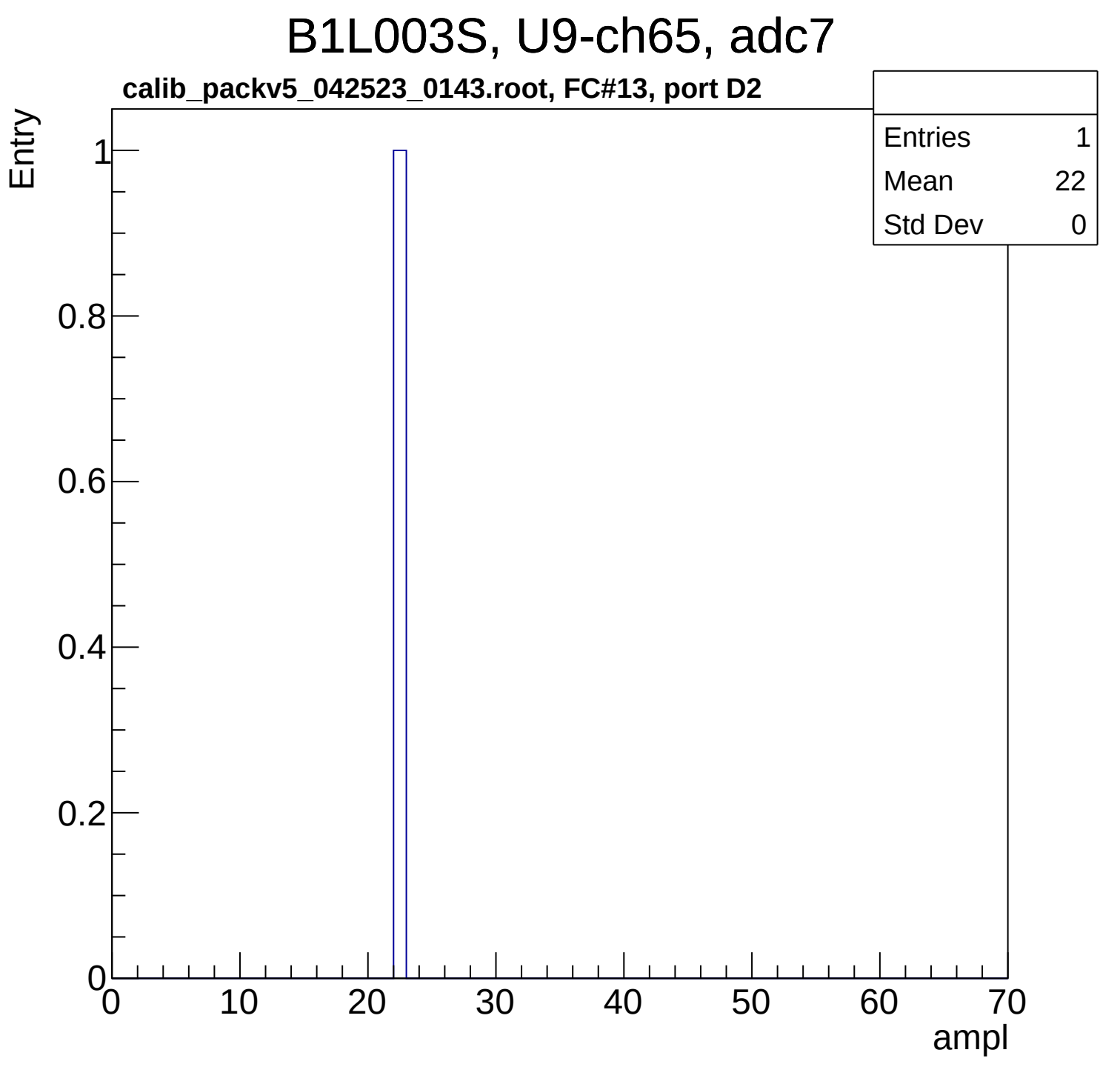

B1L003S, U9-ch65, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch65, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 22
Std Dev 0
Entry
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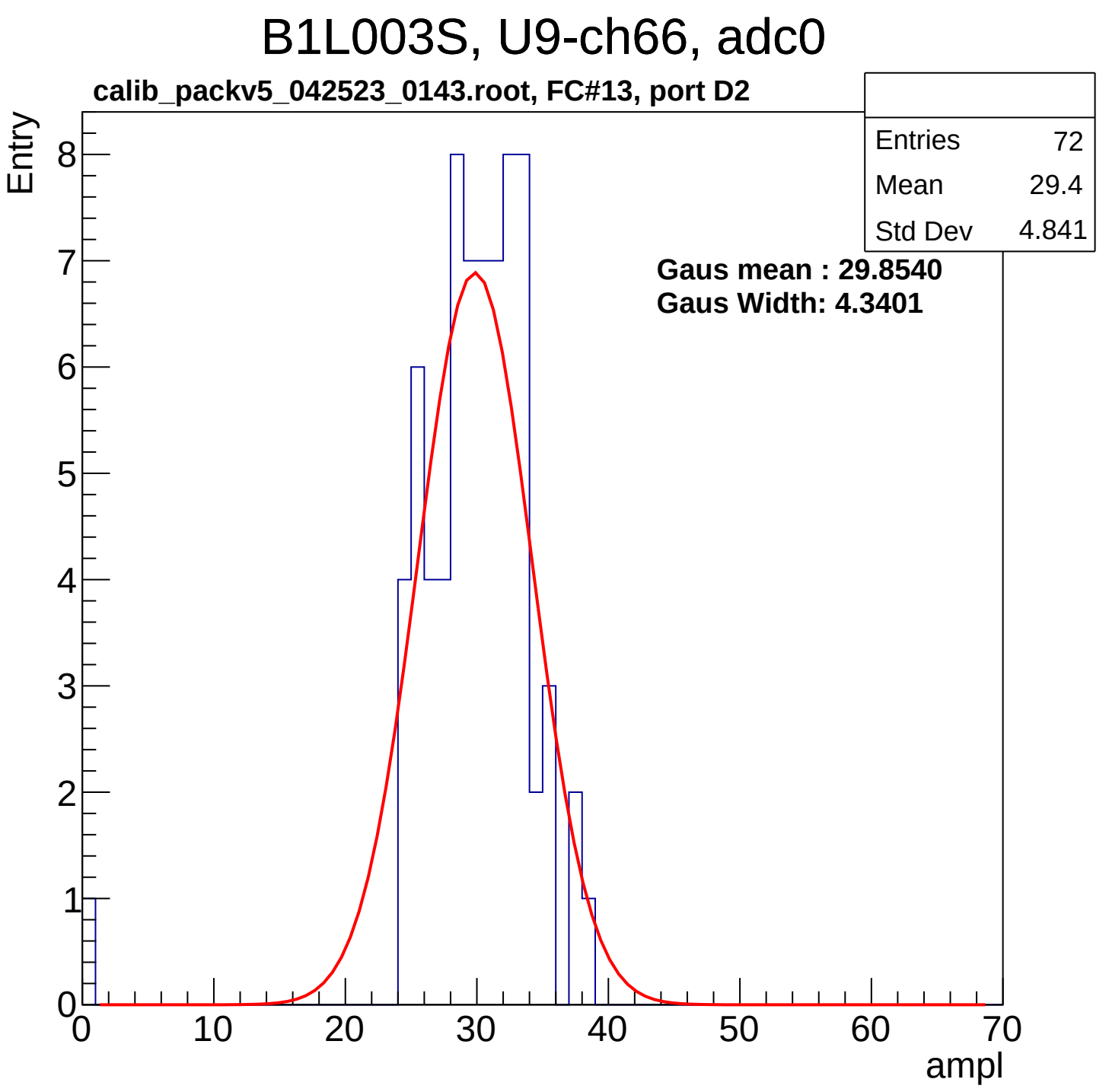
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch66, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 29.4
Std Dev 4.841
Gaus mean : 29.8540
Gaus Width: 4.3401
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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30
40
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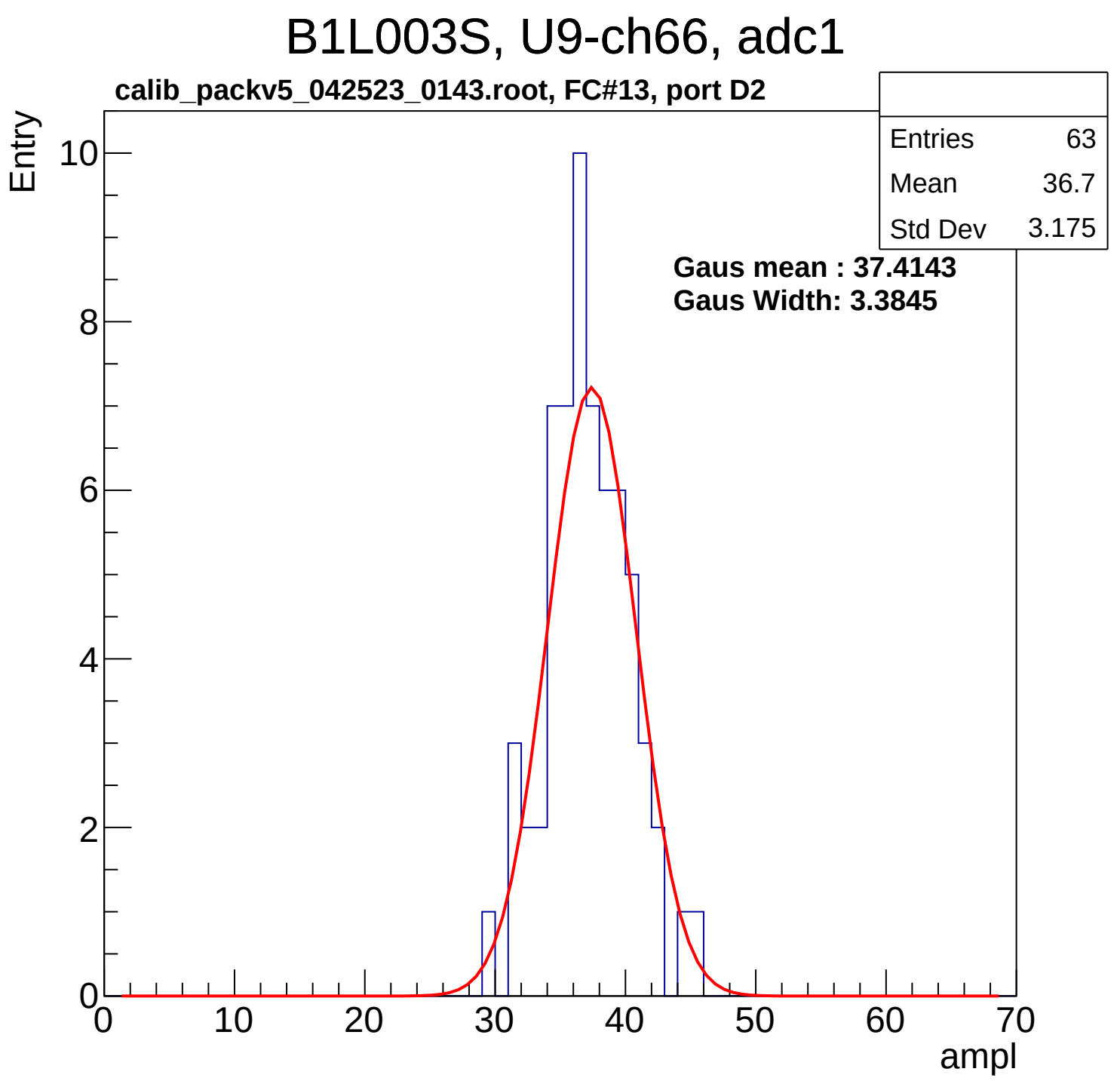
B1L003S, U9-ch66, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 36.7
Std Dev 3.175
Gaus mean : 37.4143
Gaus Width: 3.3845
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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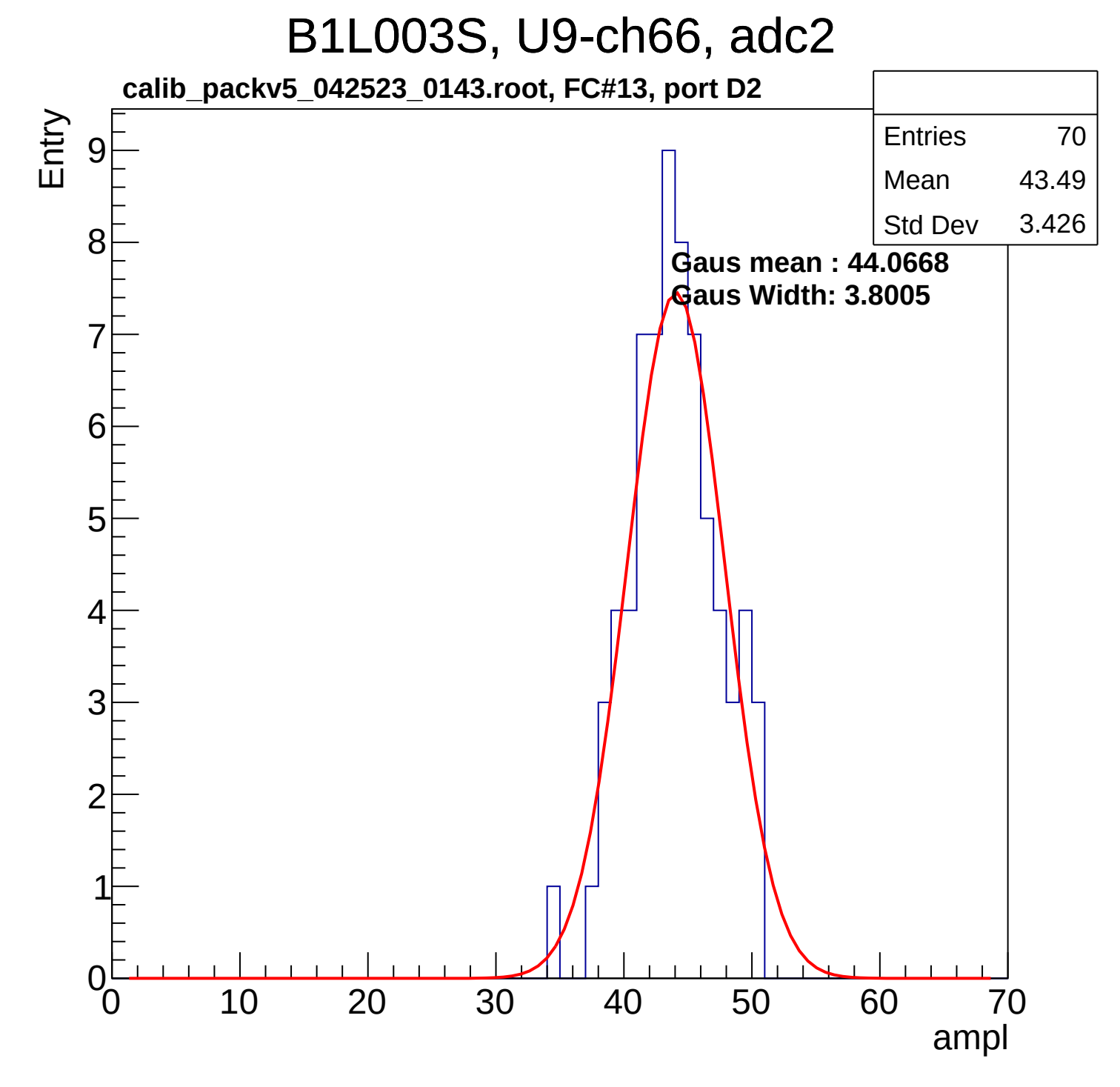
B1L003S, U9-ch66, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 43.49
Std Dev 3.426
Gaus mean : 44.0668
Gaus Width: 3.8005
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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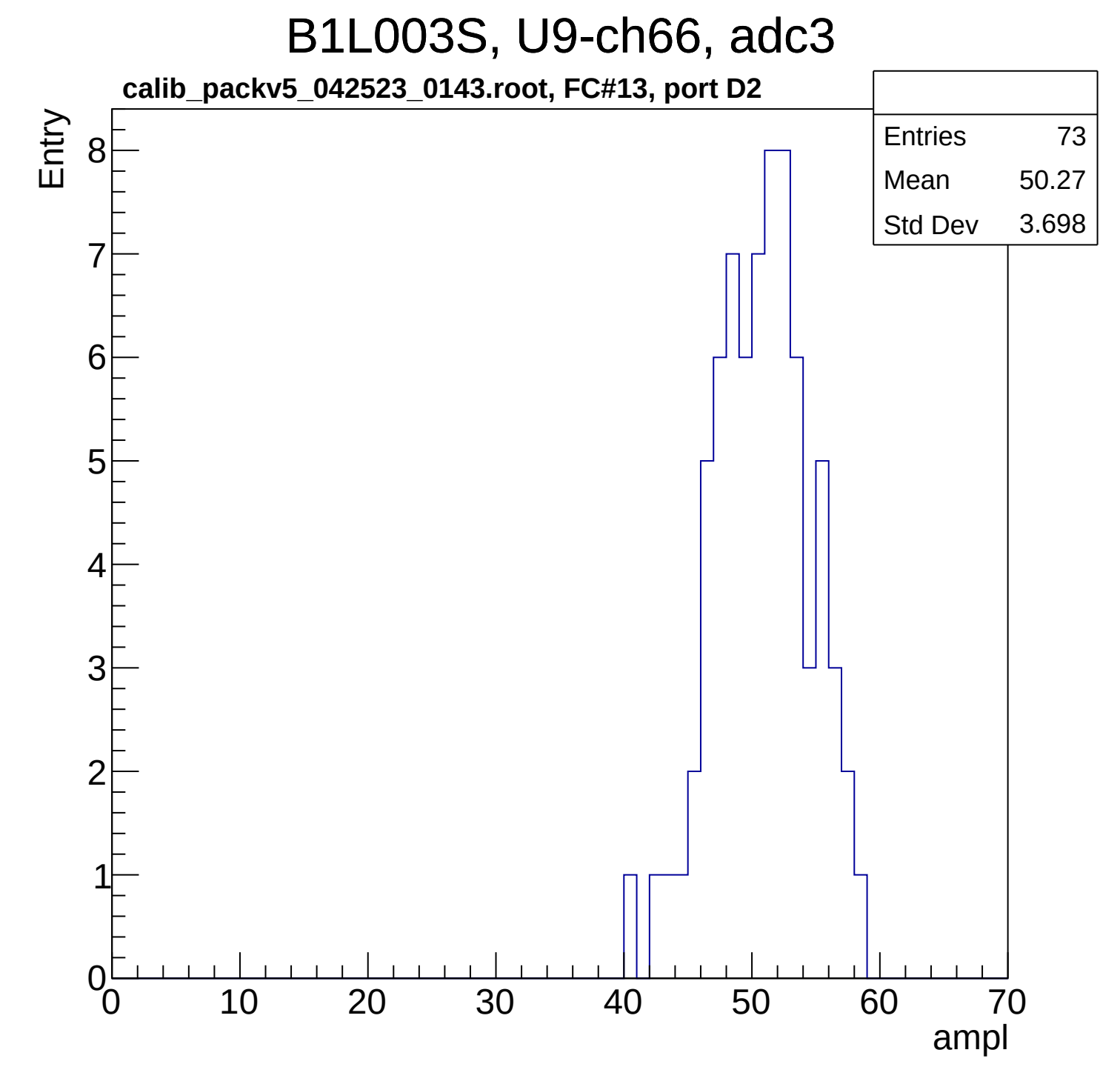
B1L003S, U9-ch66, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 50.27
Std Dev 3.698
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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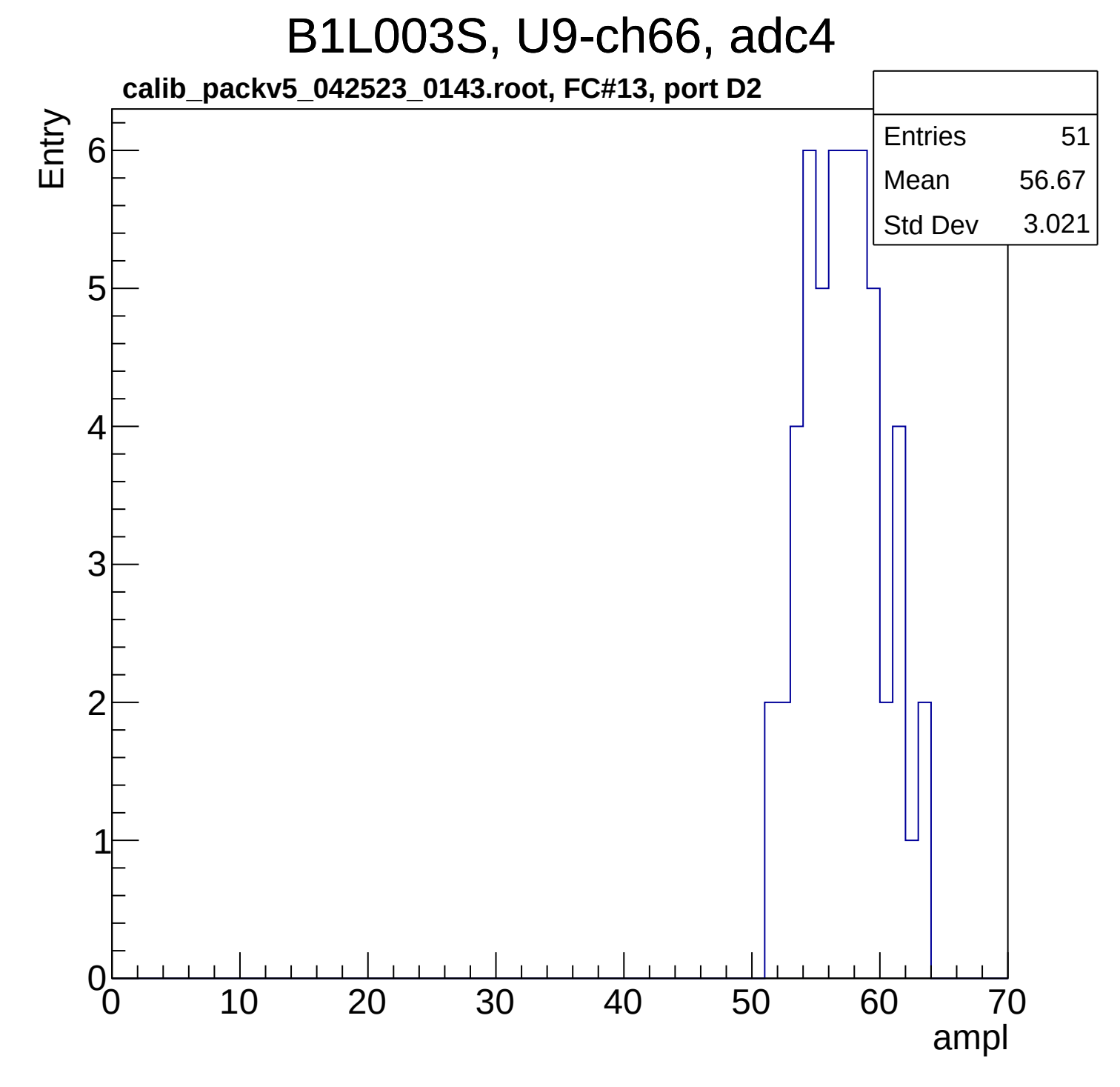
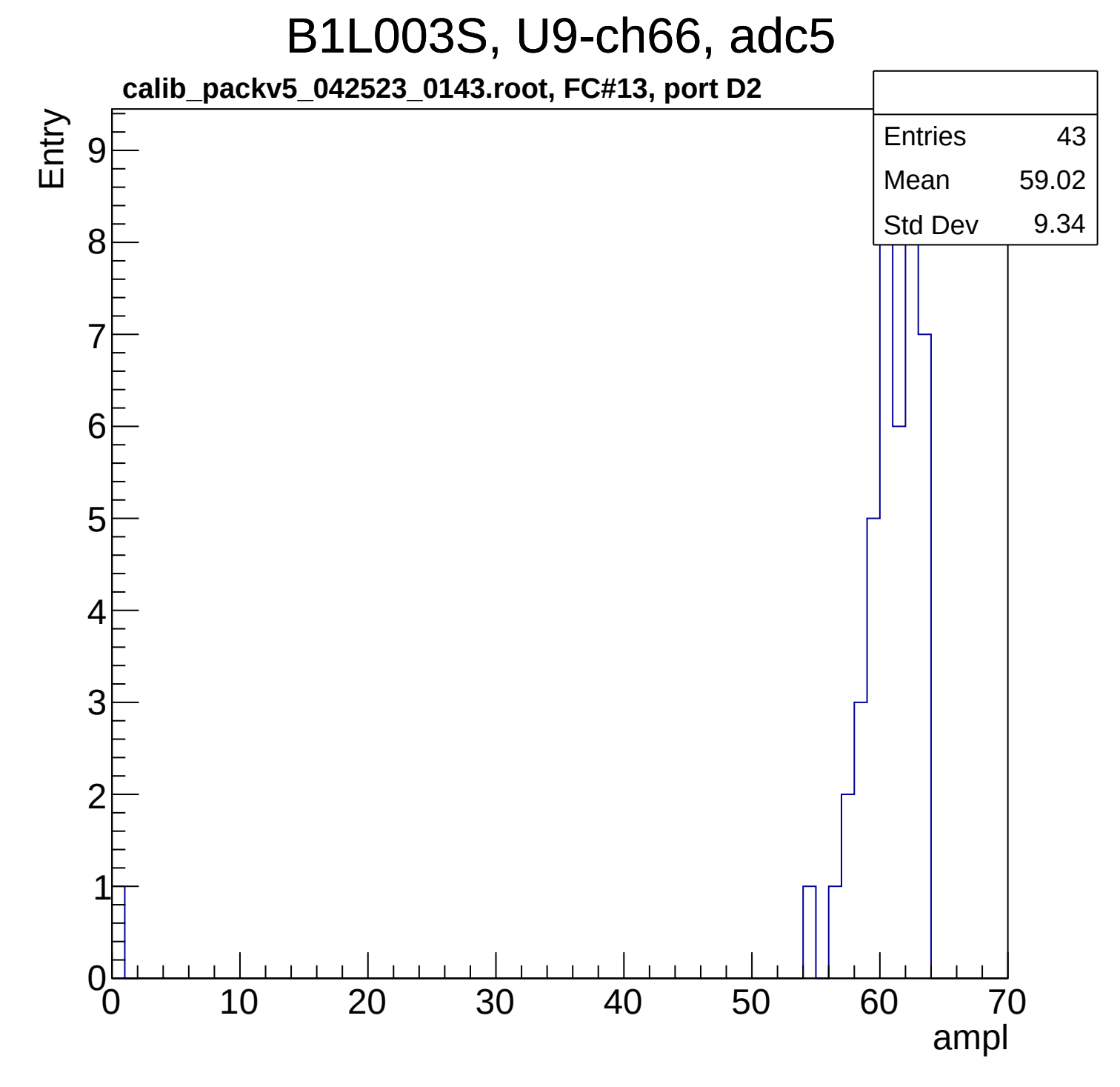
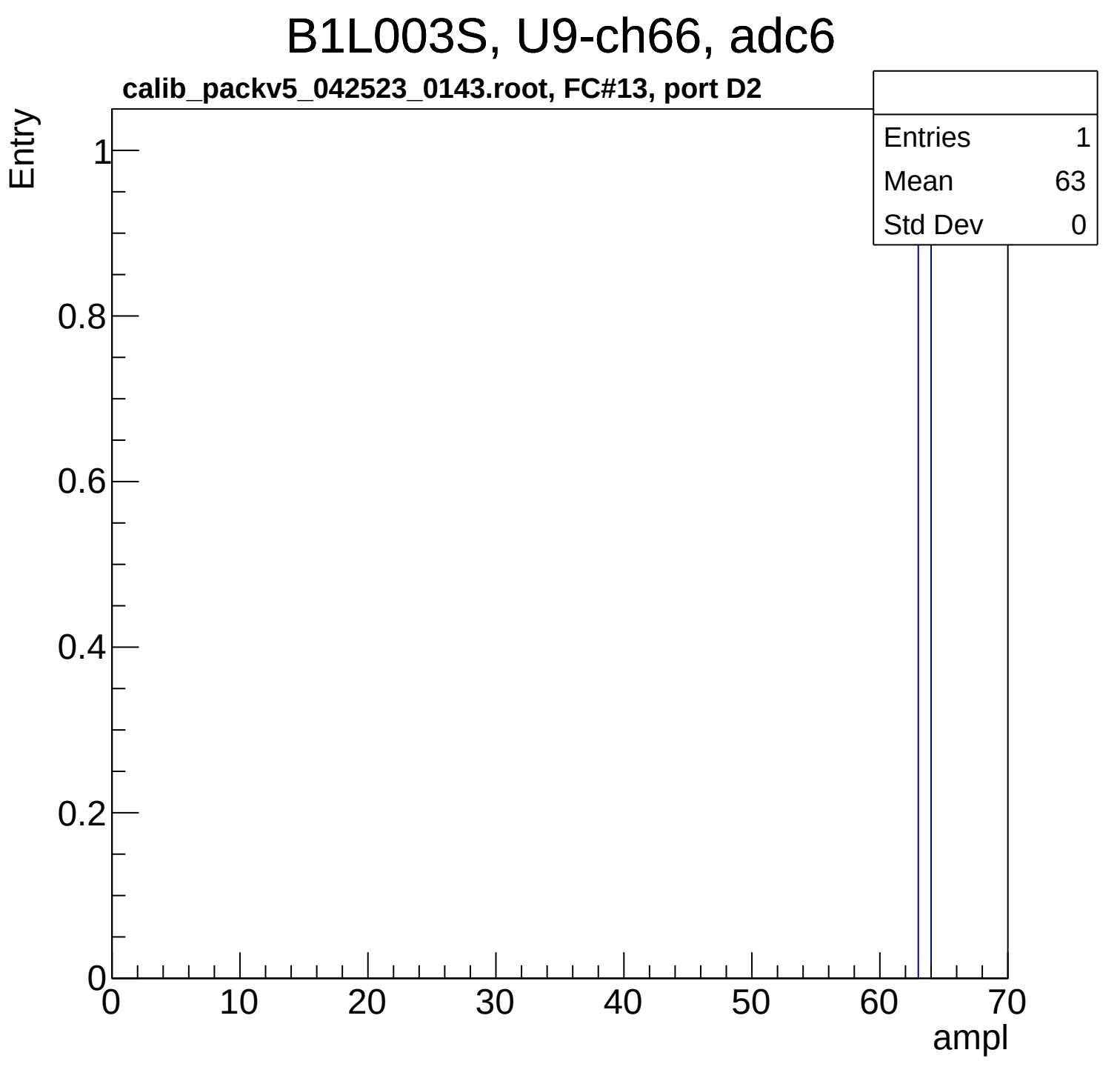
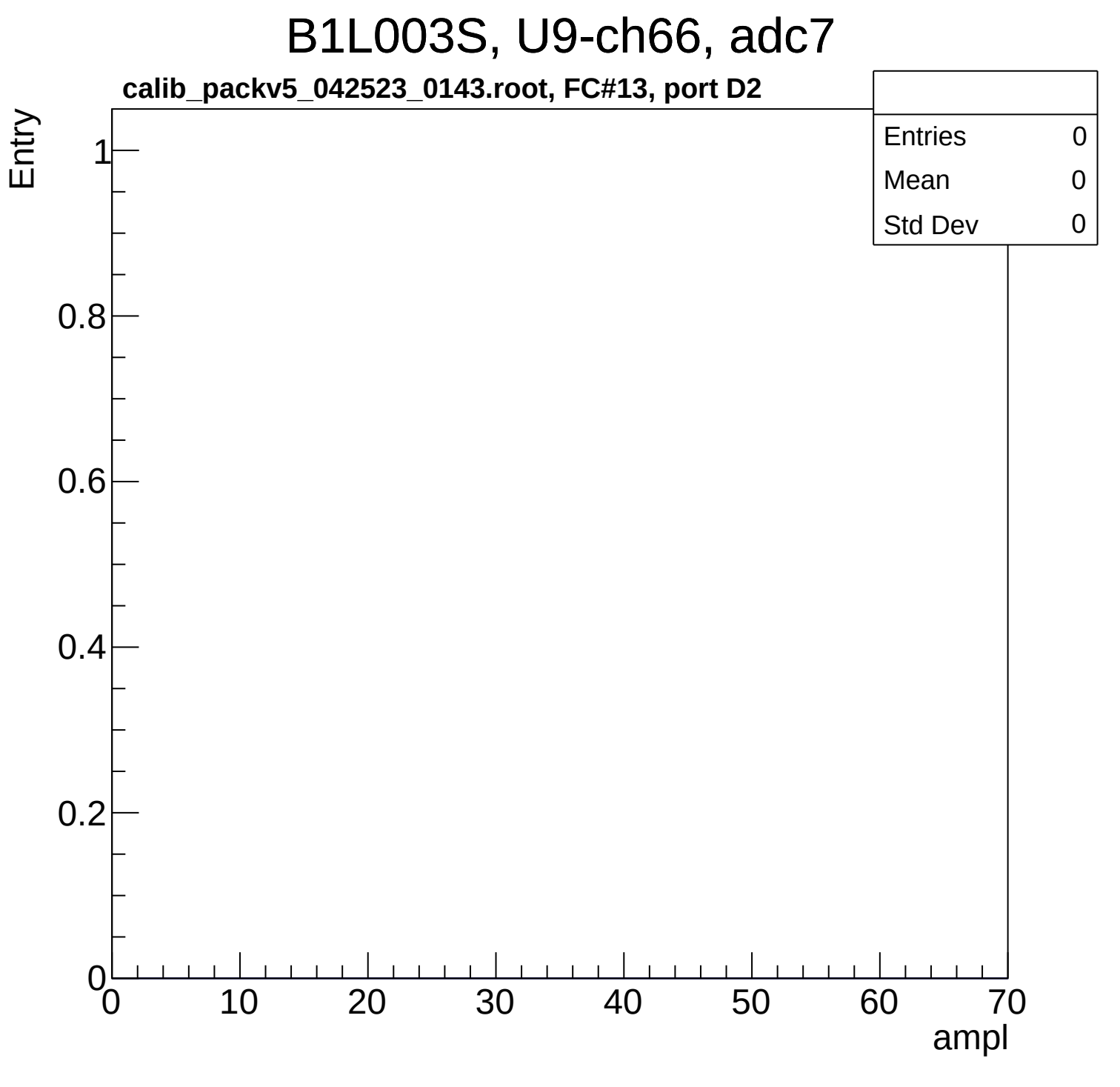

B1L003S, U9-ch66, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 56.67
Std Dev 3.021
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch66, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 59.02
Std Dev 9.34
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch66, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch66, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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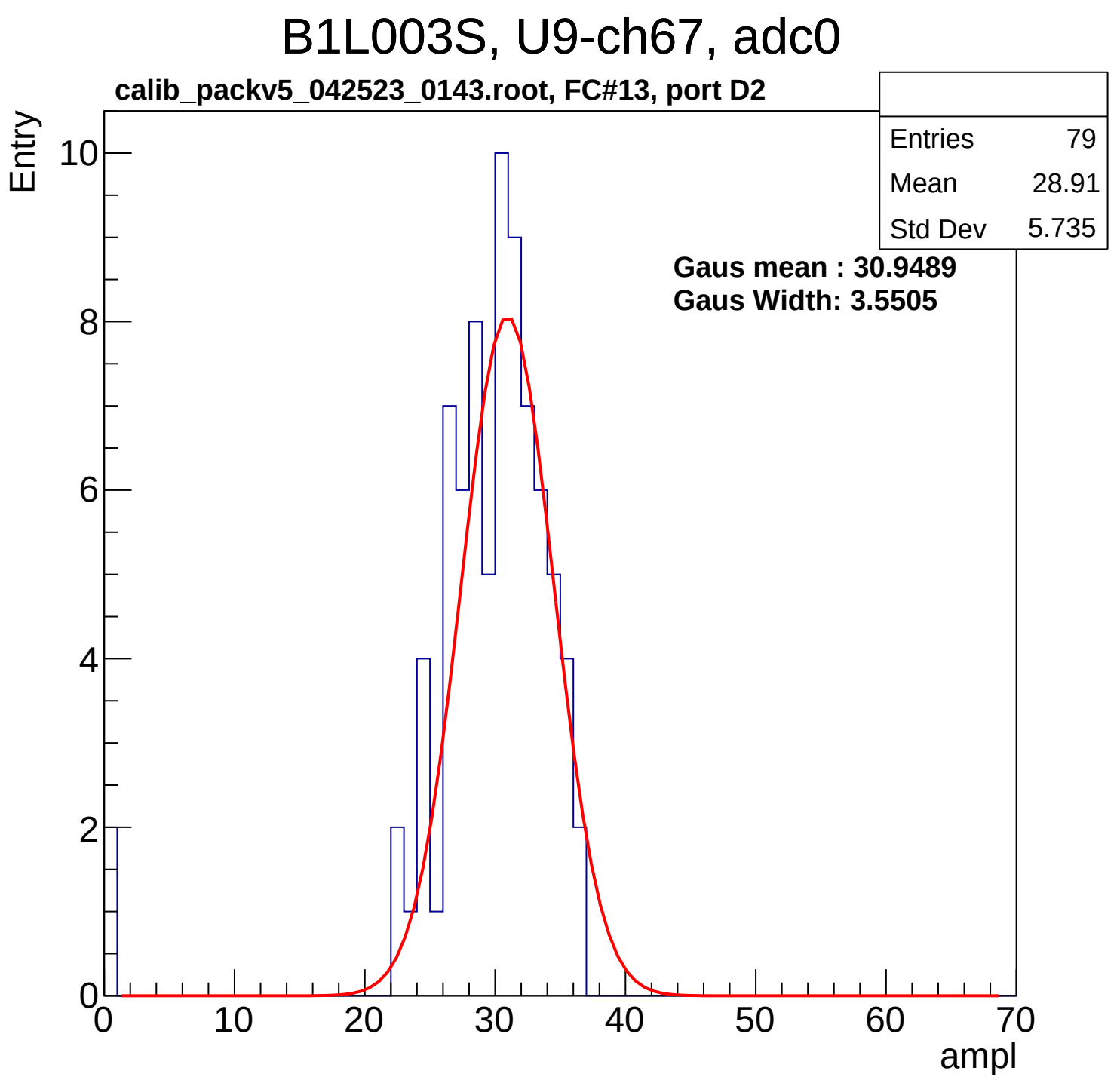
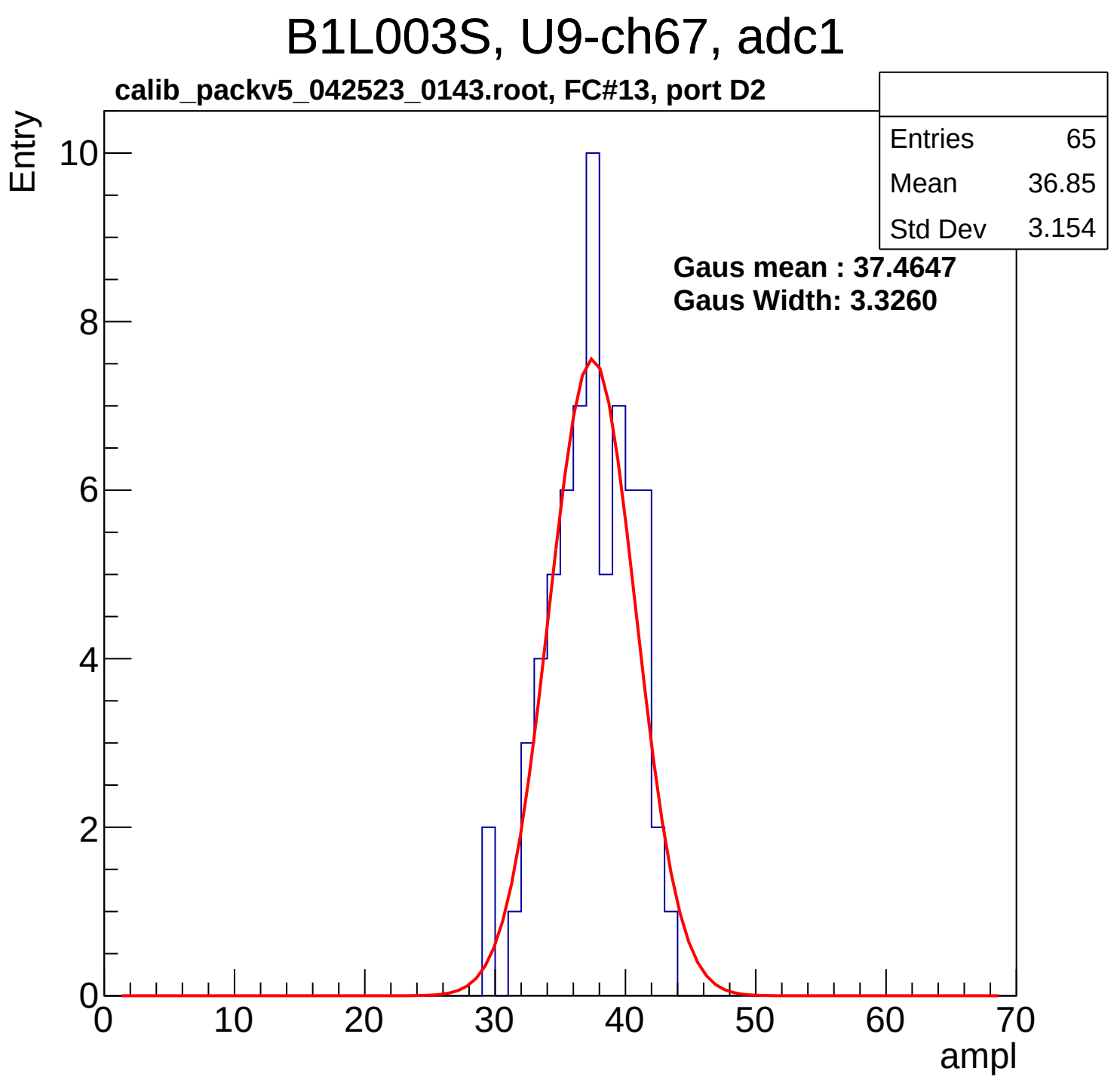
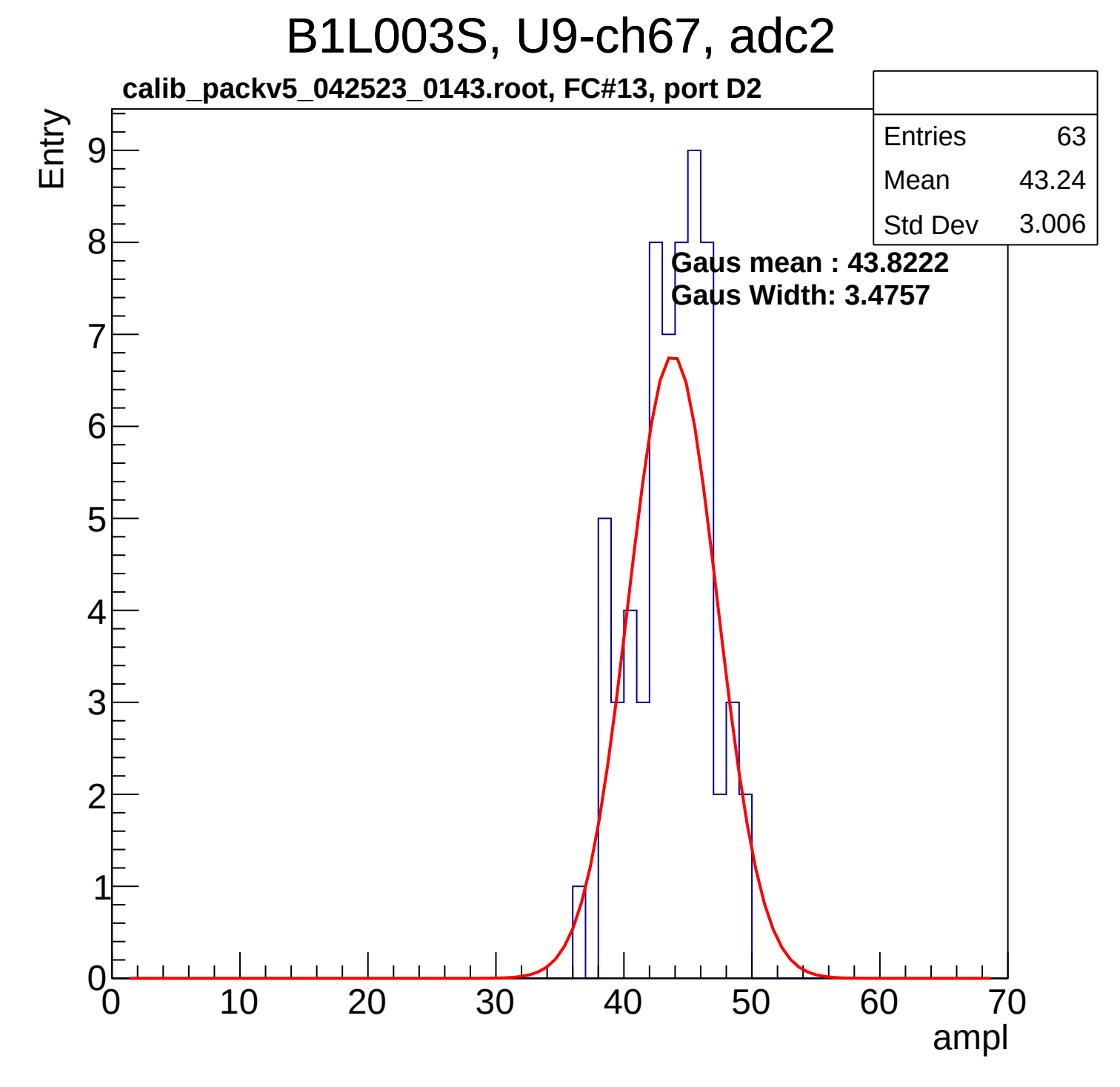
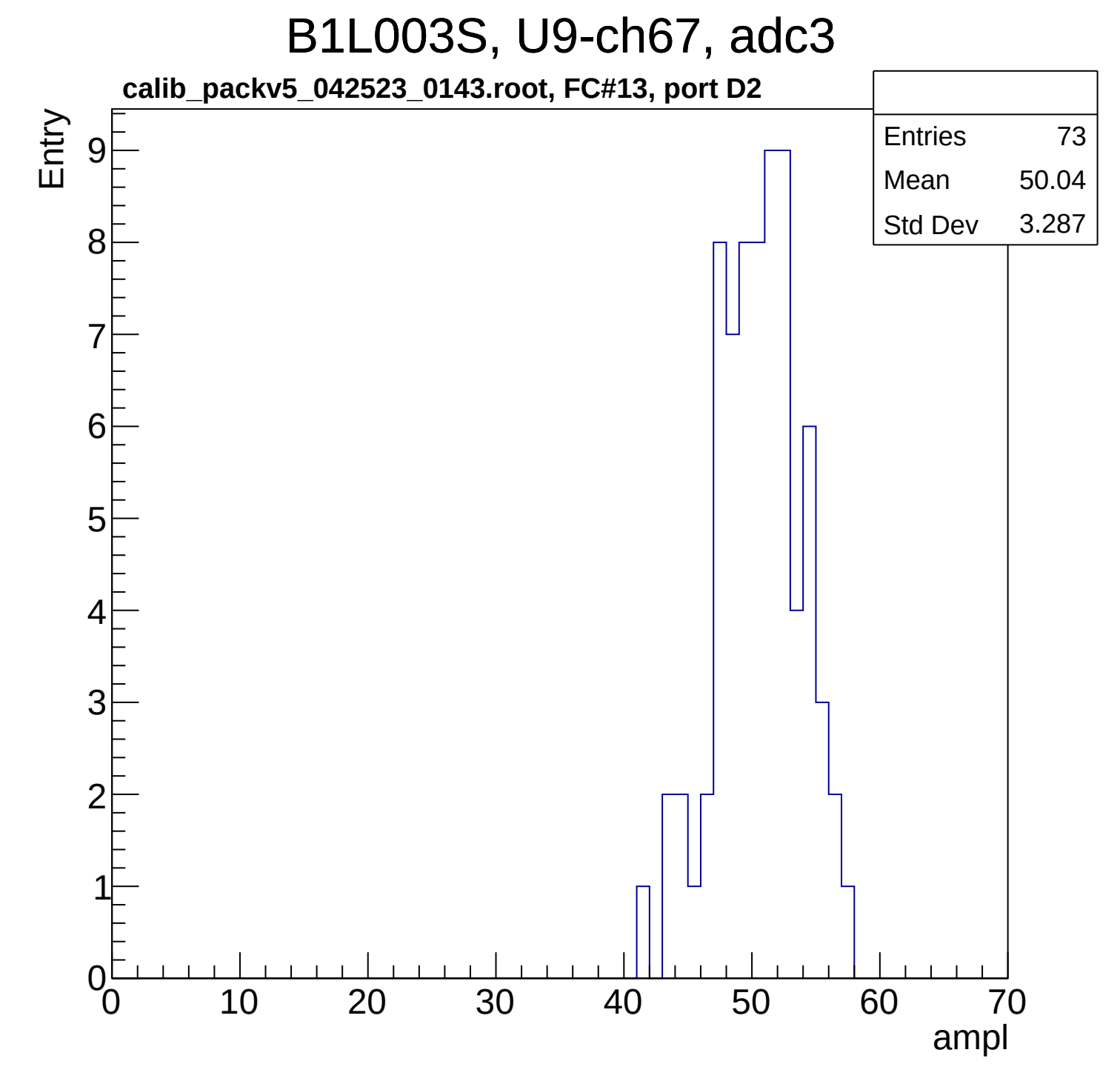
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch67, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 28.91
Std Dev 5.735
Gaus mean : 30.9489
Gaus Width: 3.5505
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch67, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 36.85
Std Dev 3.154
Gaus mean : 37.4647
Gaus Width: 3.3260
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch67, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 43.24
Std Dev 3.006
Gaus mean : 43.8222
Gaus Width: 3.4757
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch67, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 50.04
Std Dev 3.287
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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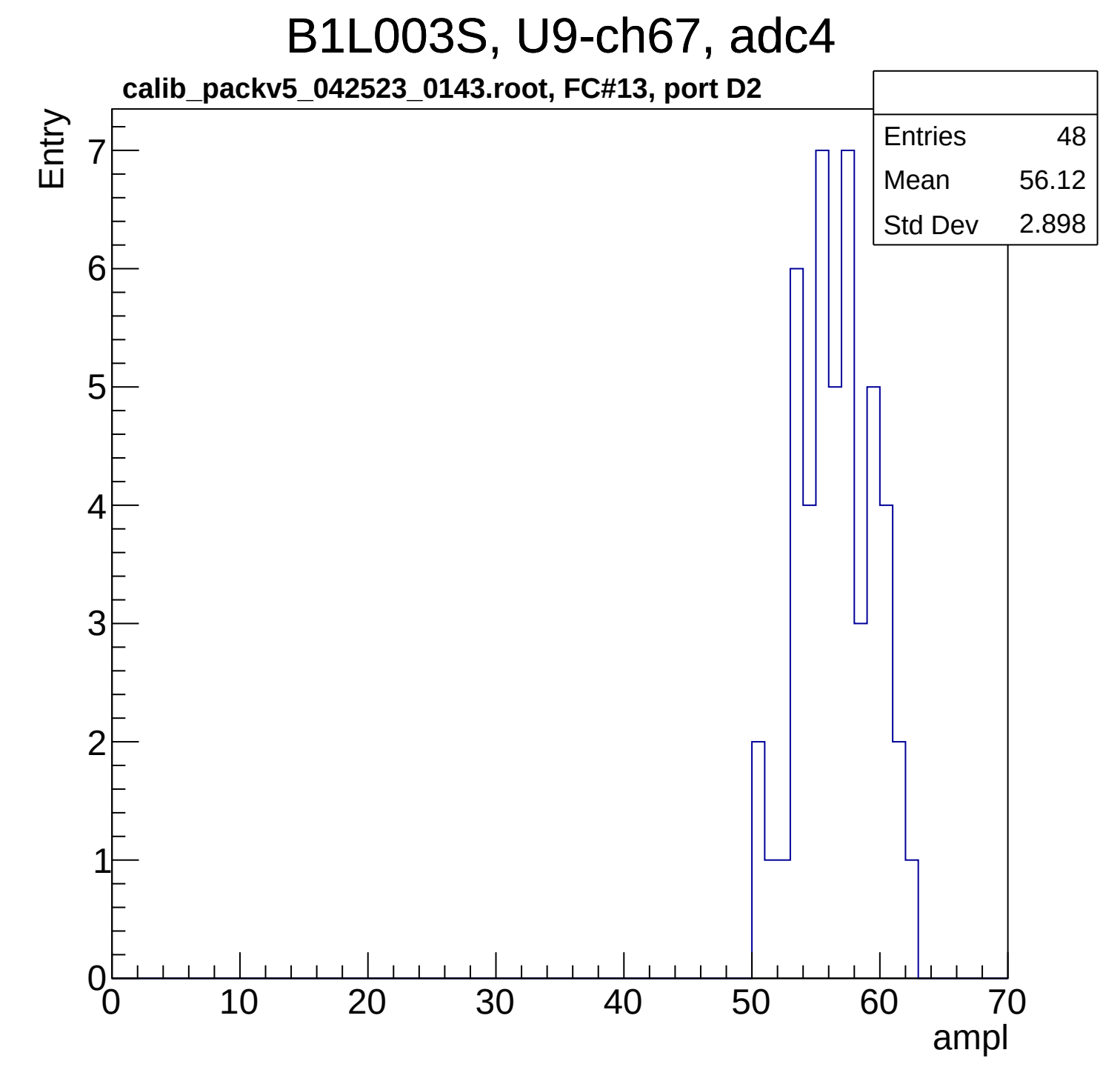
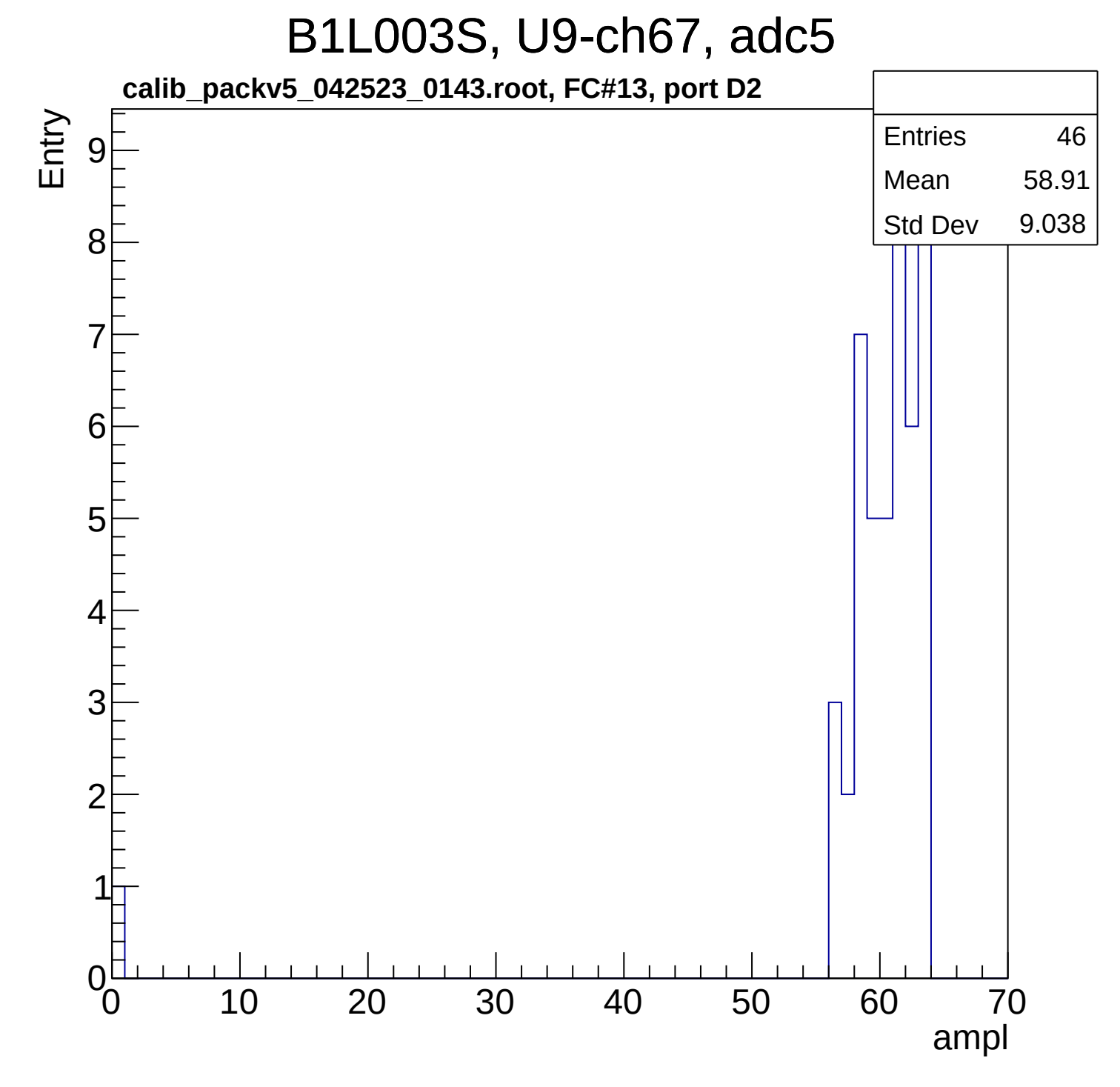

B1L003S, U9-ch67, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 56.12
Std Dev 2.898
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch67, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 58.91
Std Dev 9.038
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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60
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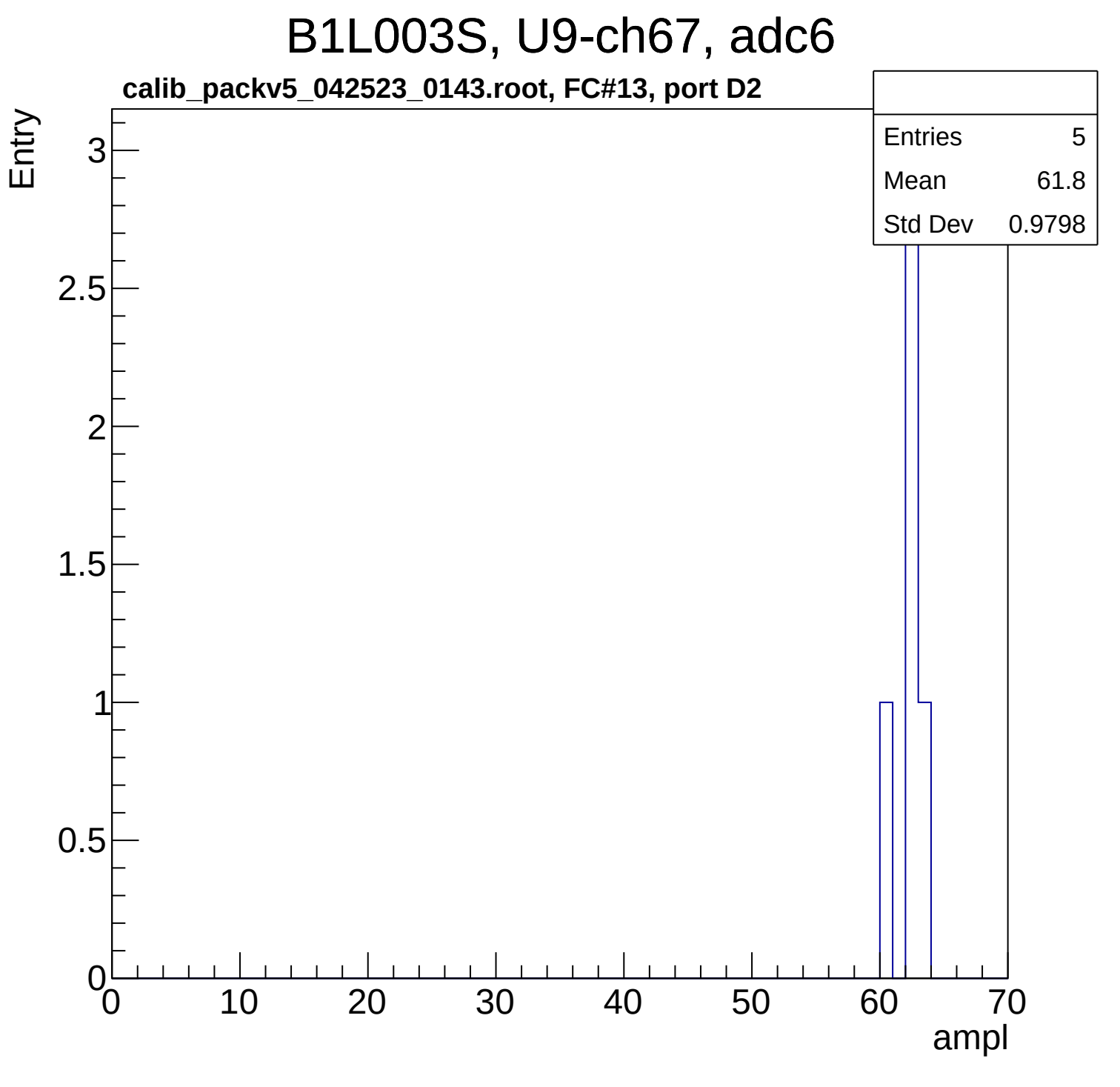
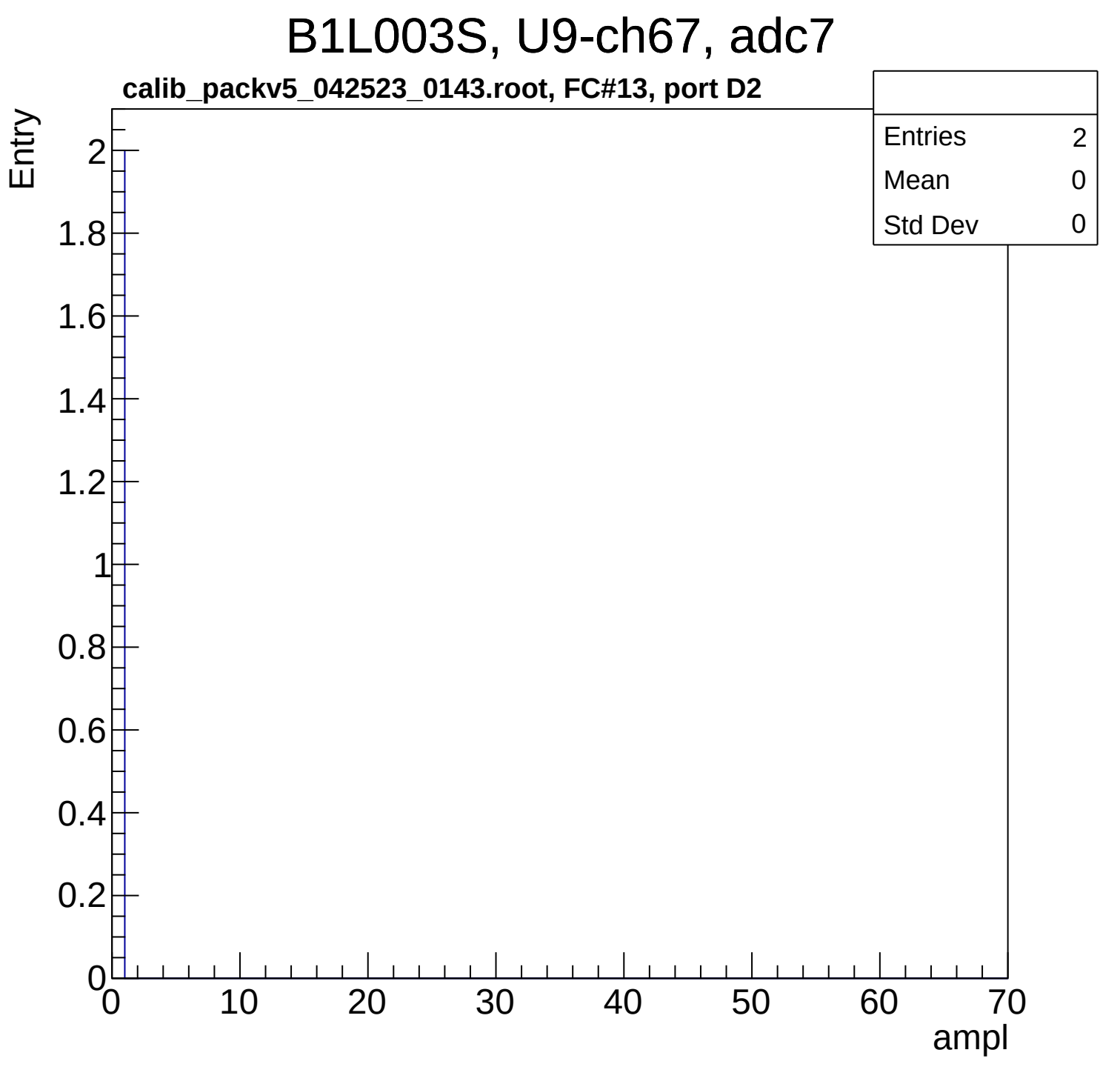

B1L003S, U9-ch67, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.8
Std Dev 0.9798
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch67, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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30
40
50
60
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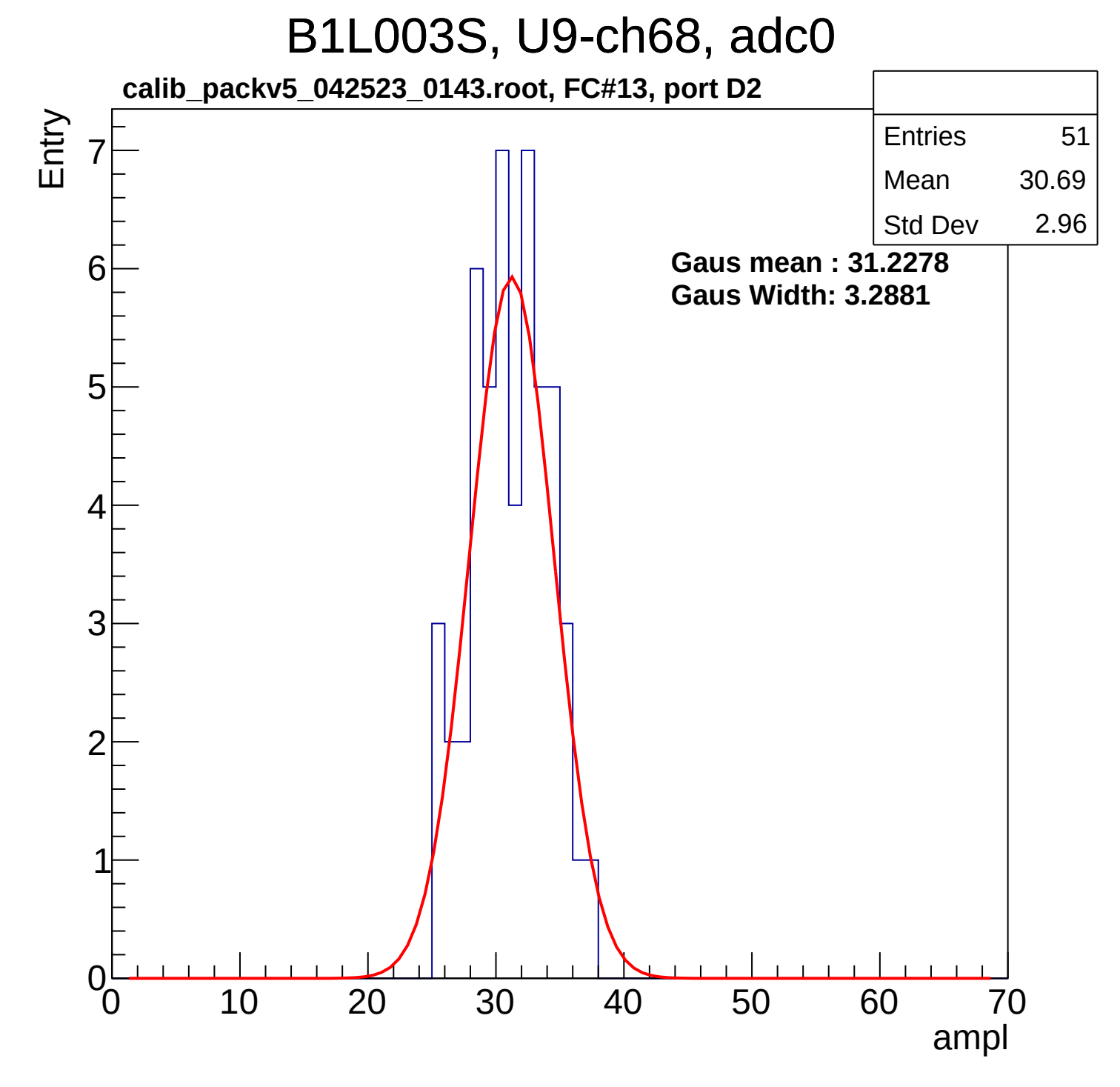
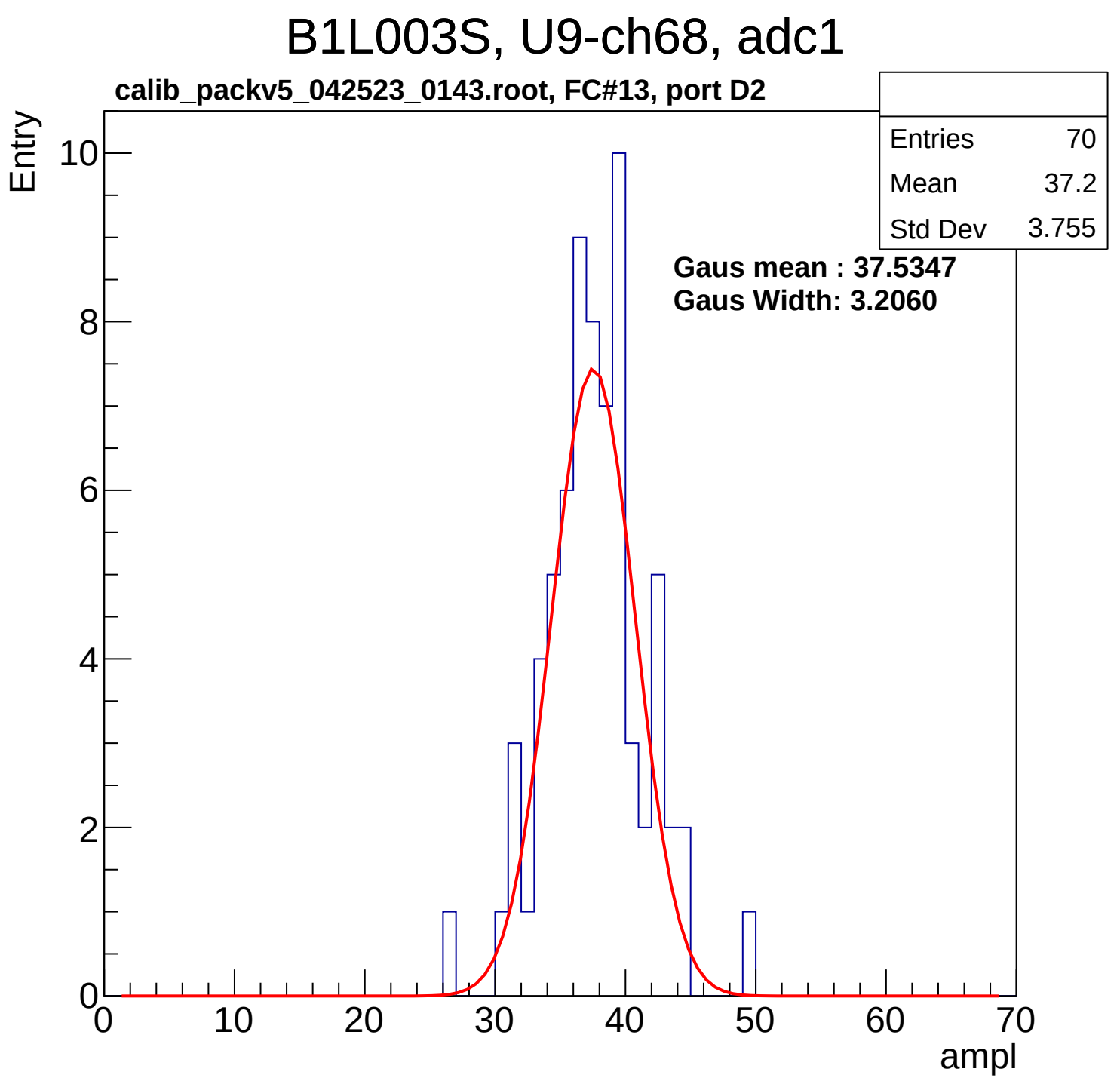
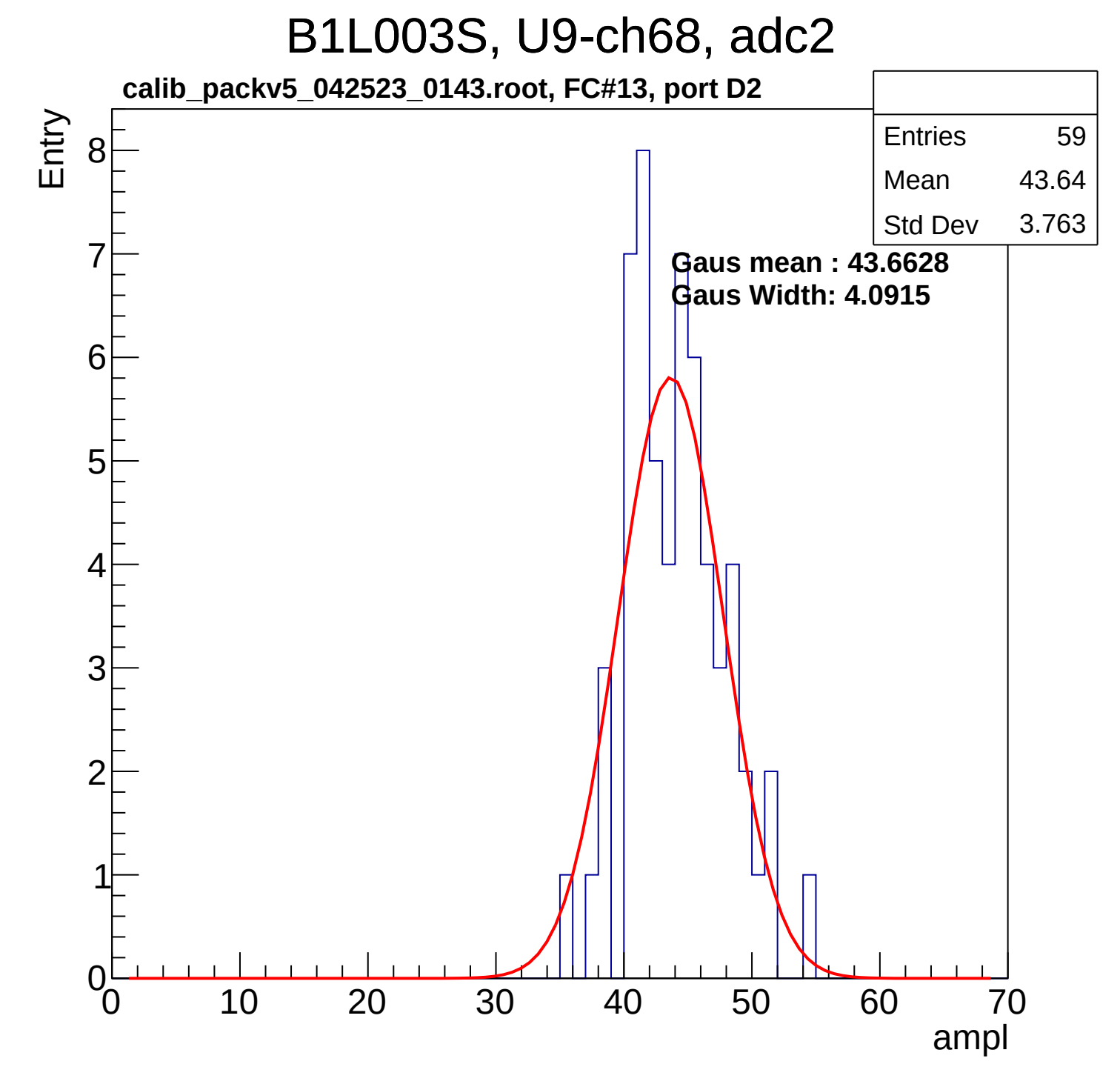

B1L003S, U9-ch68, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 30.69
Std Dev 2.96
Gaus mean : 31.2278
Gaus Width: 3.2881
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch68, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 37.2
Std Dev 3.755
Gaus mean : 37.5347
Gaus Width: 3.2060
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch68, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 43.64
Std Dev 3.763
Gaus mean : 43.6628
Gaus Width: 4.0915
Entry
ampl
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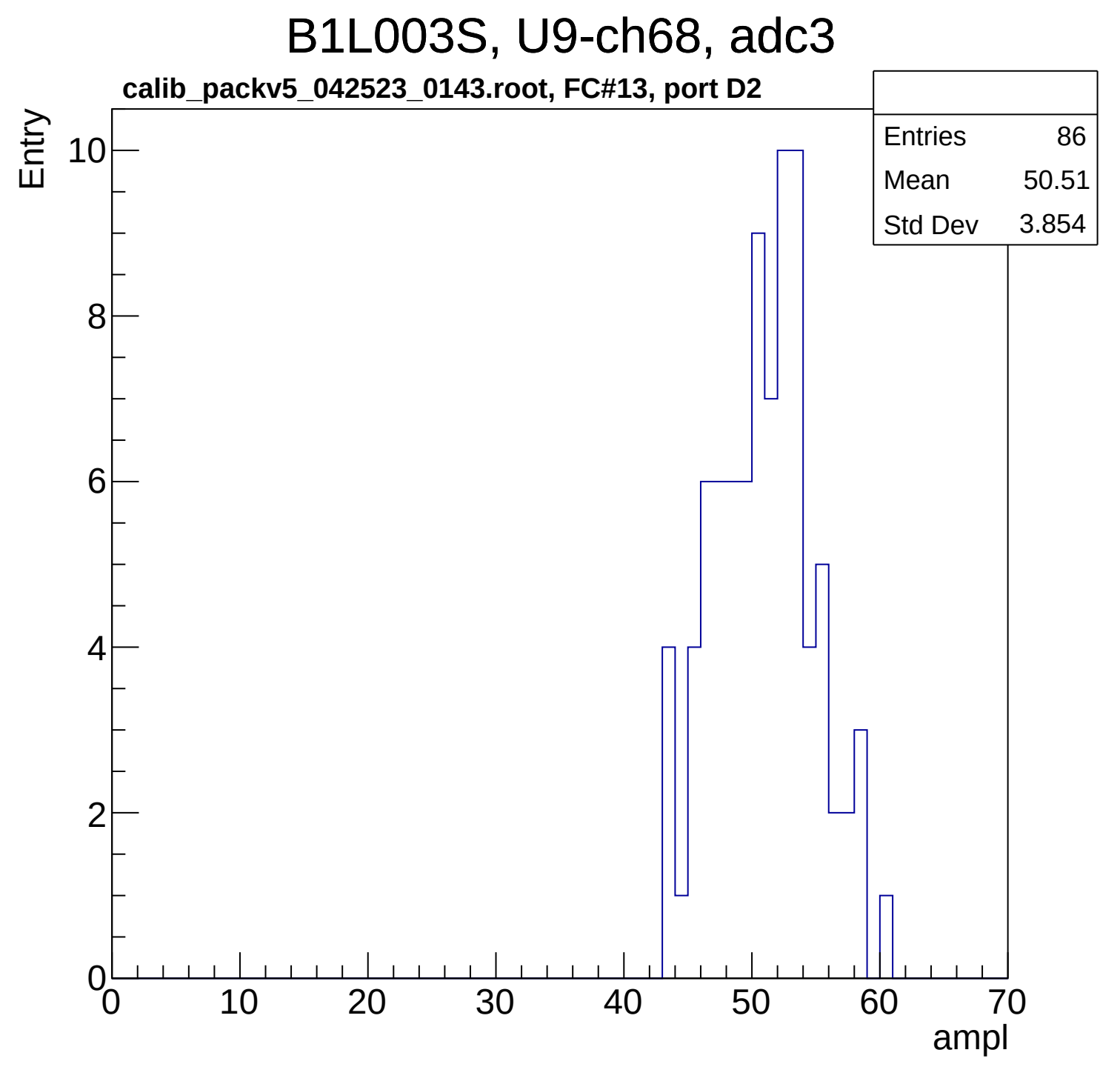
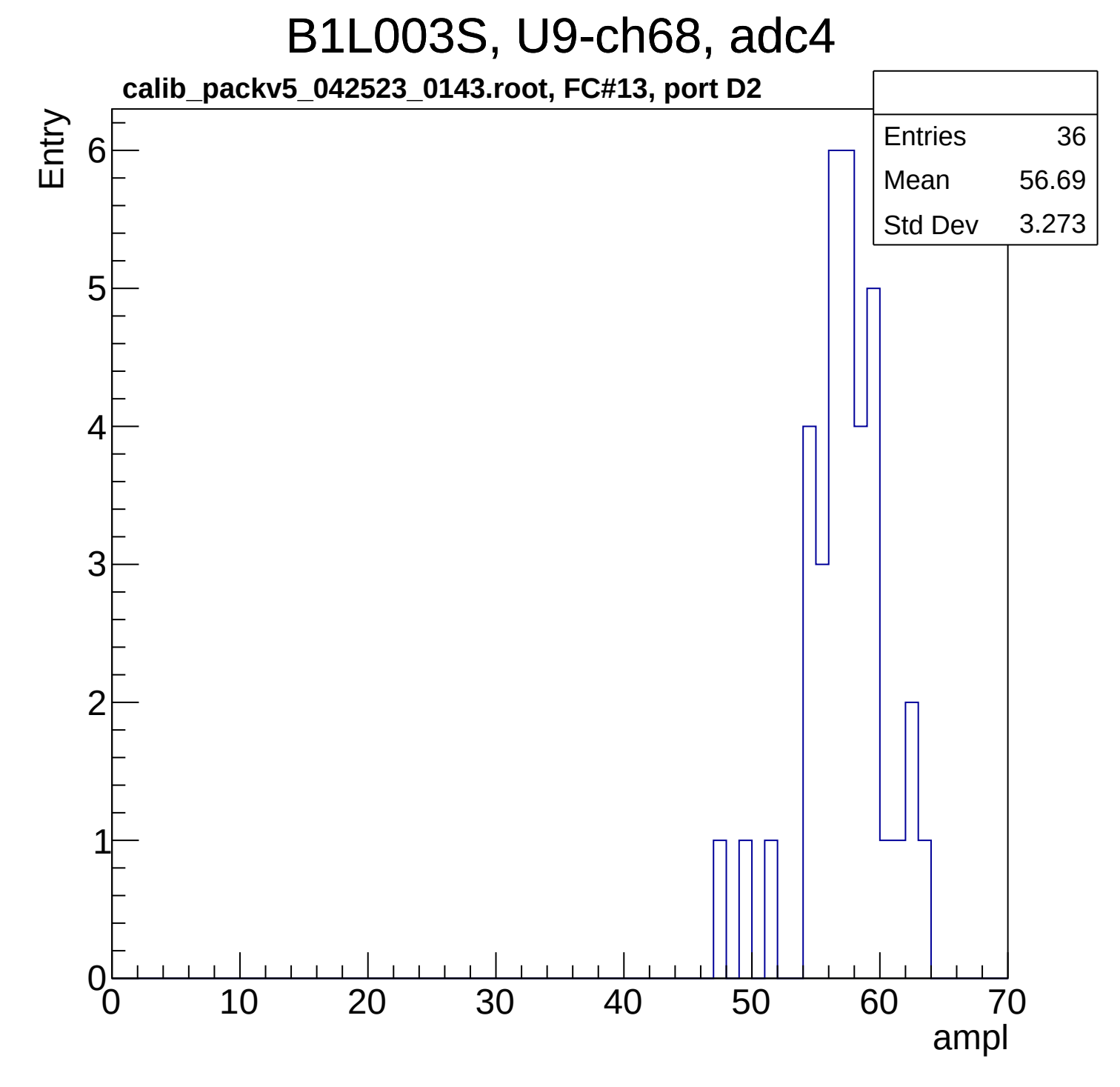
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch68, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 86
Mean 50.51
Std Dev 3.854
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch68, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 56.69
Std Dev 3.273
Entry
ampl
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3
4
5
6
0
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20
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40
50
60
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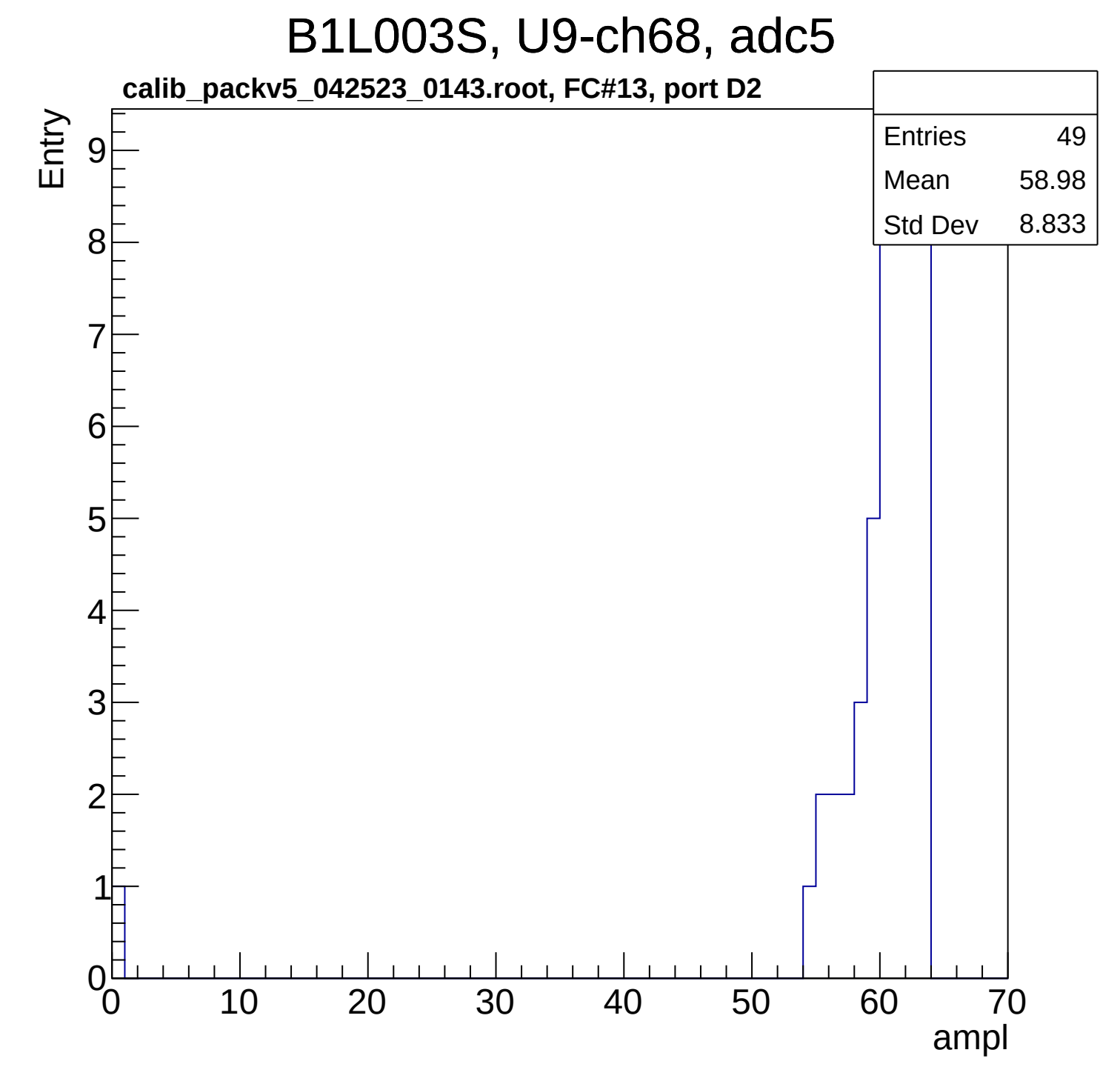
B1L003S, U9-ch68, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 58.98
Std Dev 8.833
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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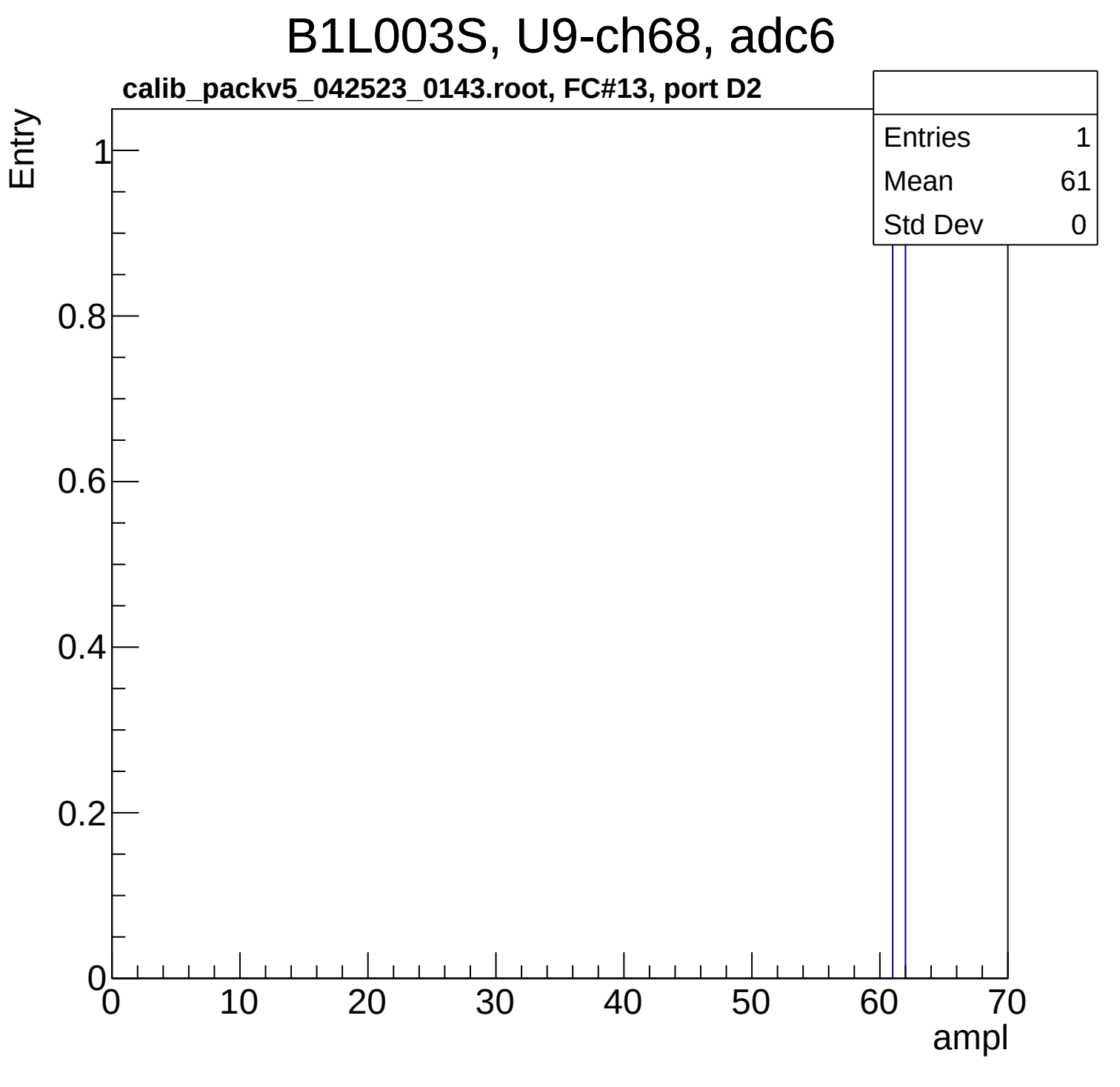
B1L003S, U9-ch68, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 61
Std Dev 0
Entry
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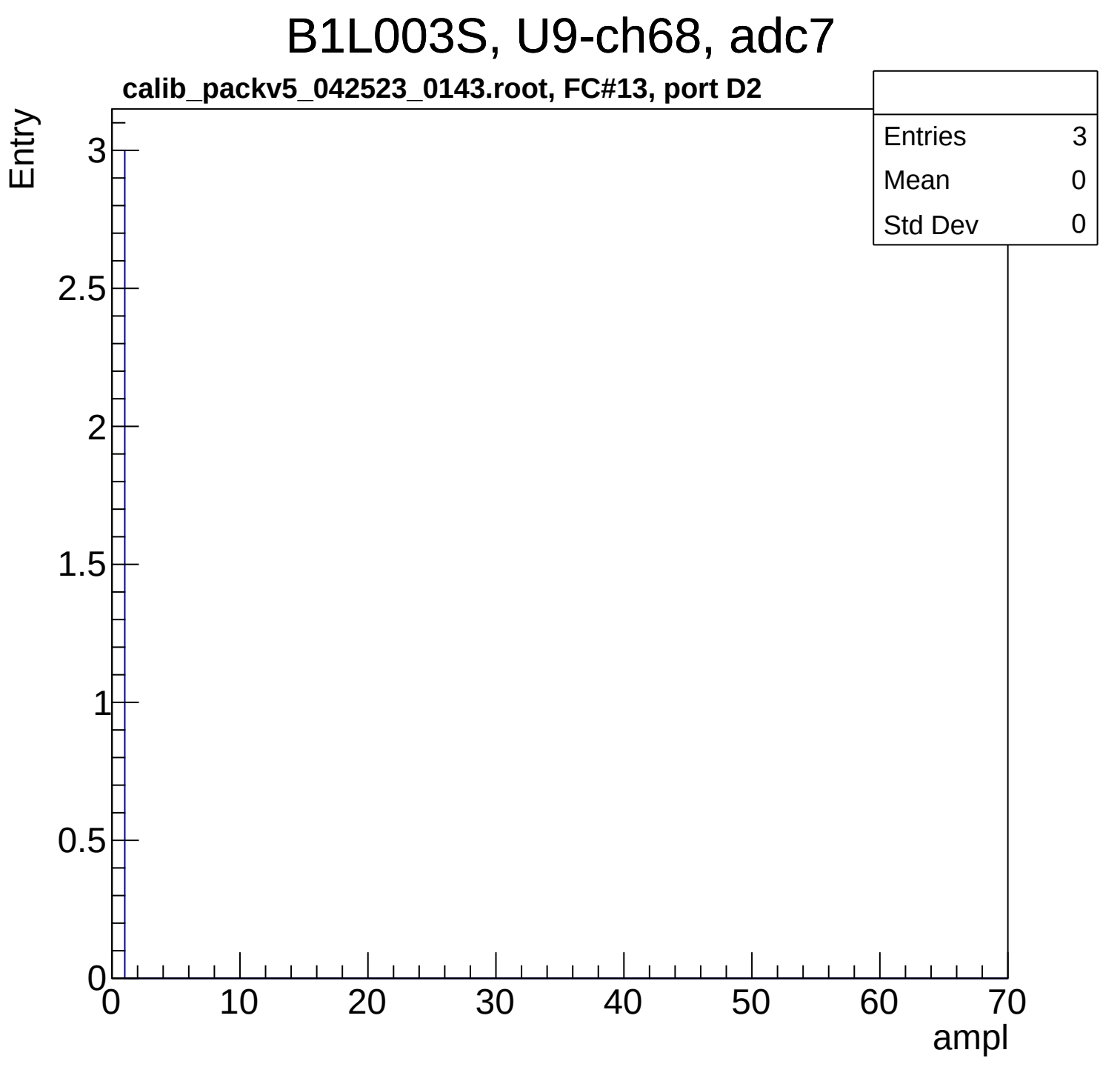
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch68, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 0
Std Dev 0
Entry
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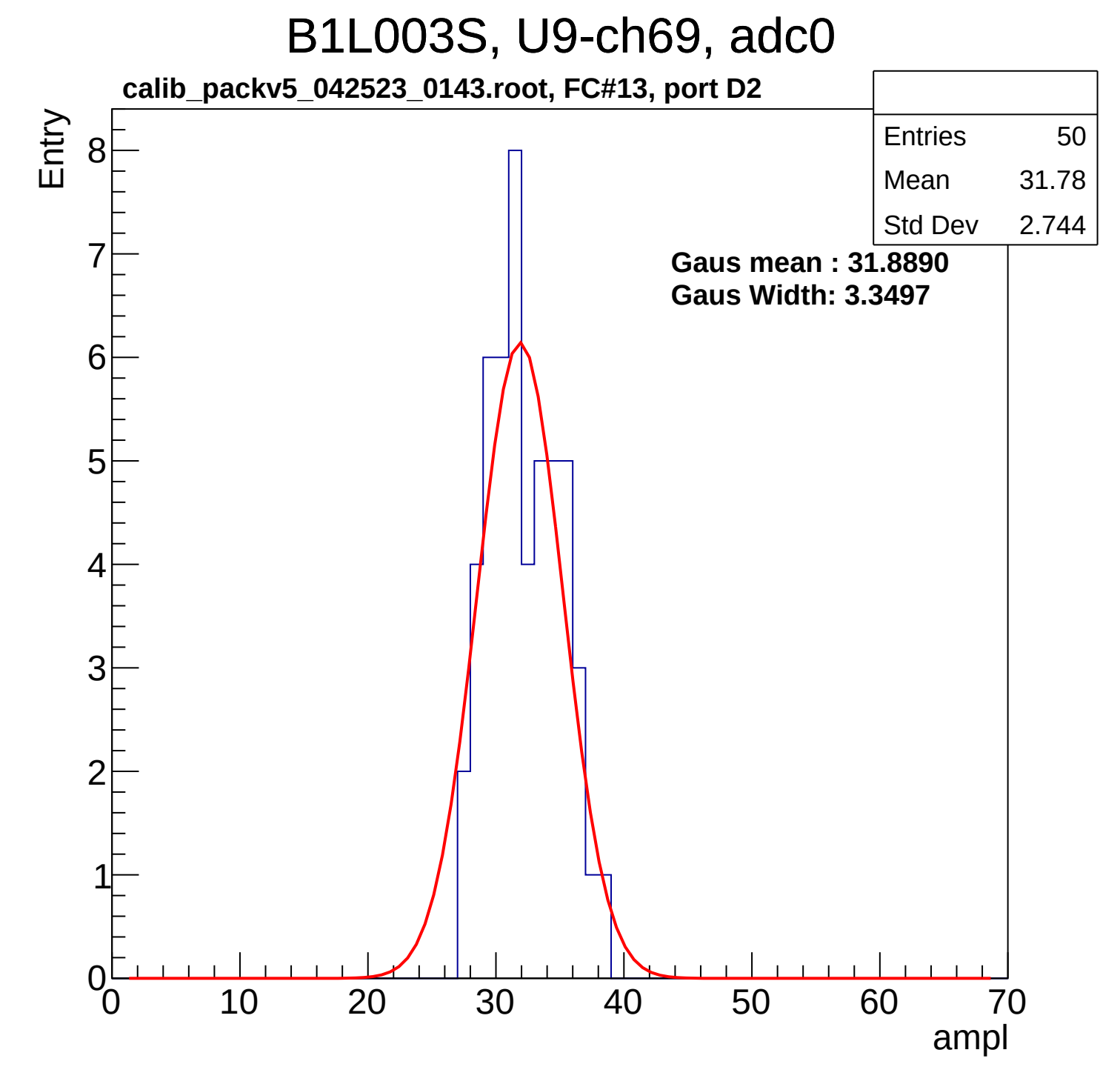
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch69, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 31.78
Std Dev 2.744
Gaus mean : 31.8890
Gaus Width: 3.3497
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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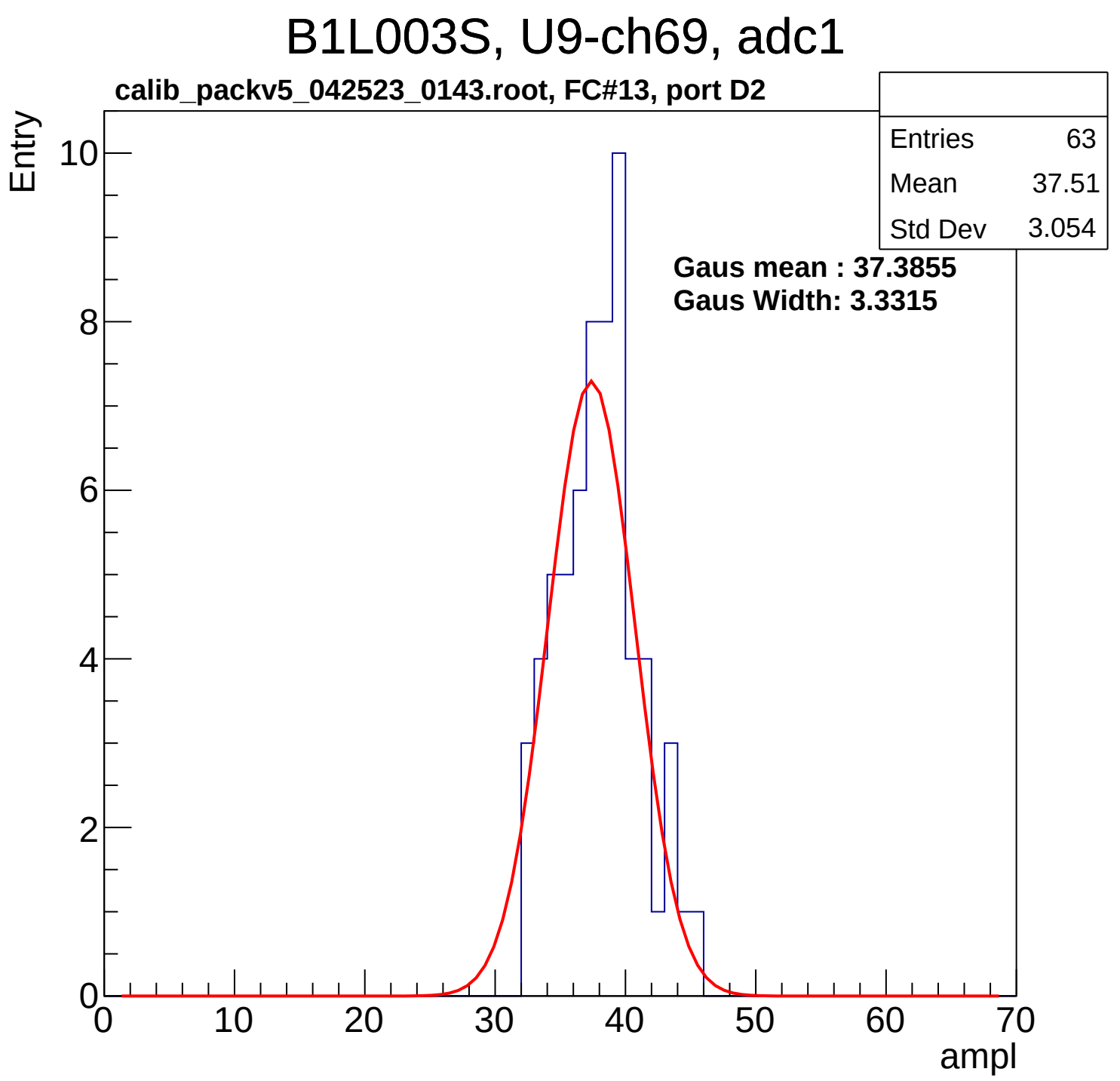
B1L003S, U9-ch69, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 37.51
Std Dev 3.054
Gaus mean : 37.3855
Gaus Width: 3.3315
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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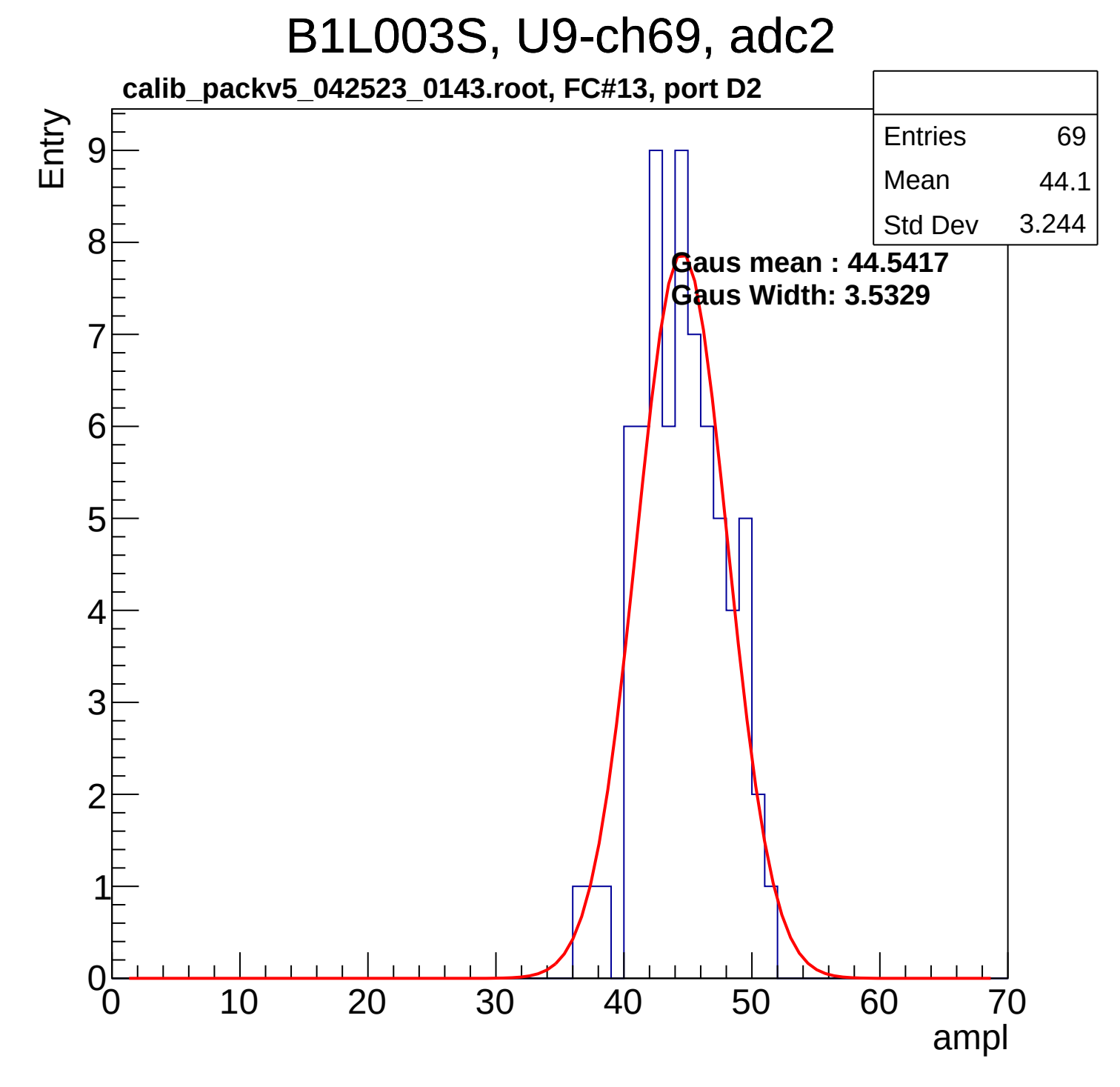
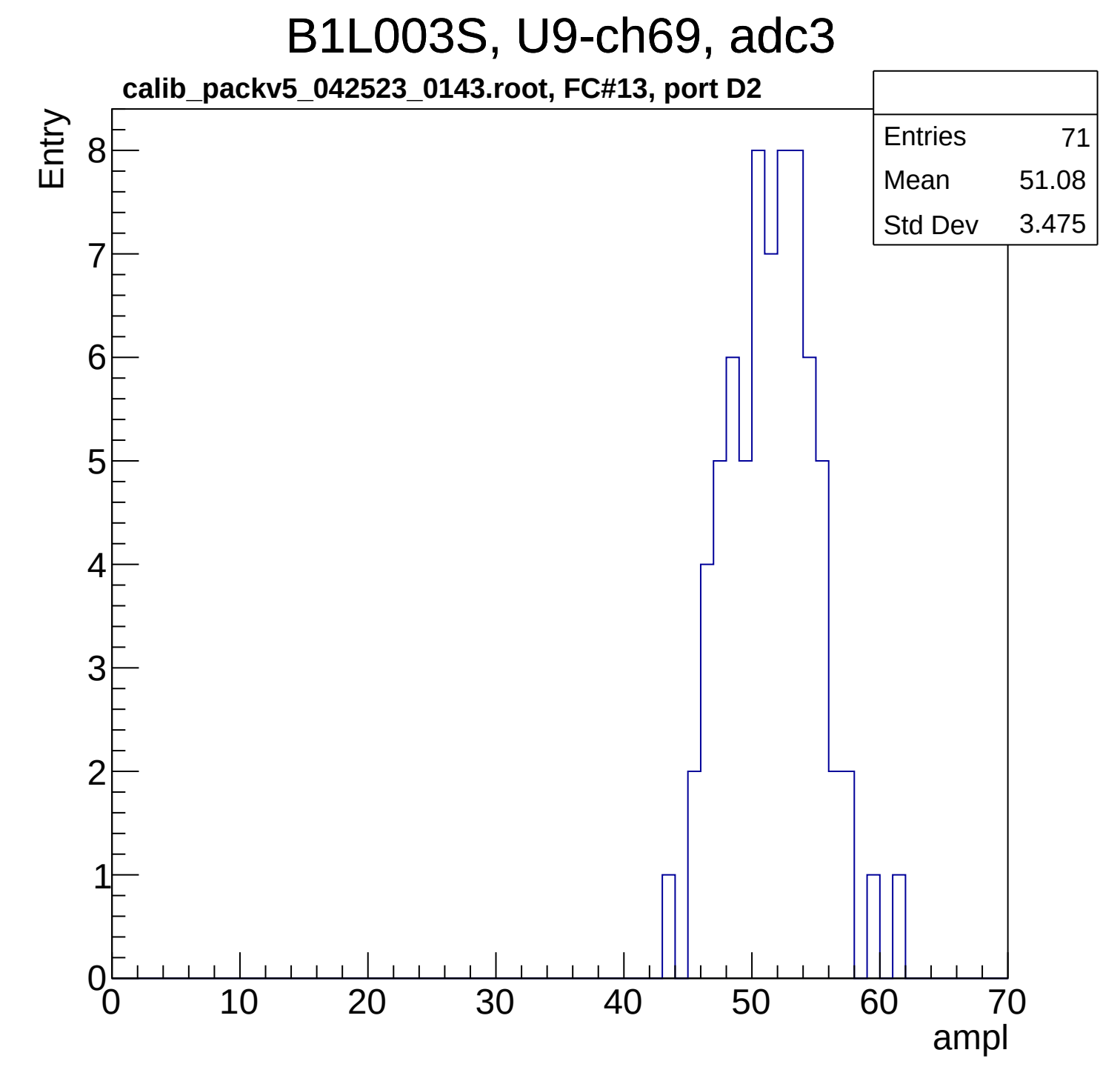

B1L003S, U9-ch69, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 44.1
Std Dev 3.244
Gaus mean : 44.5417
Gaus Width: 3.5329
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch69, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 51.08
Std Dev 3.475
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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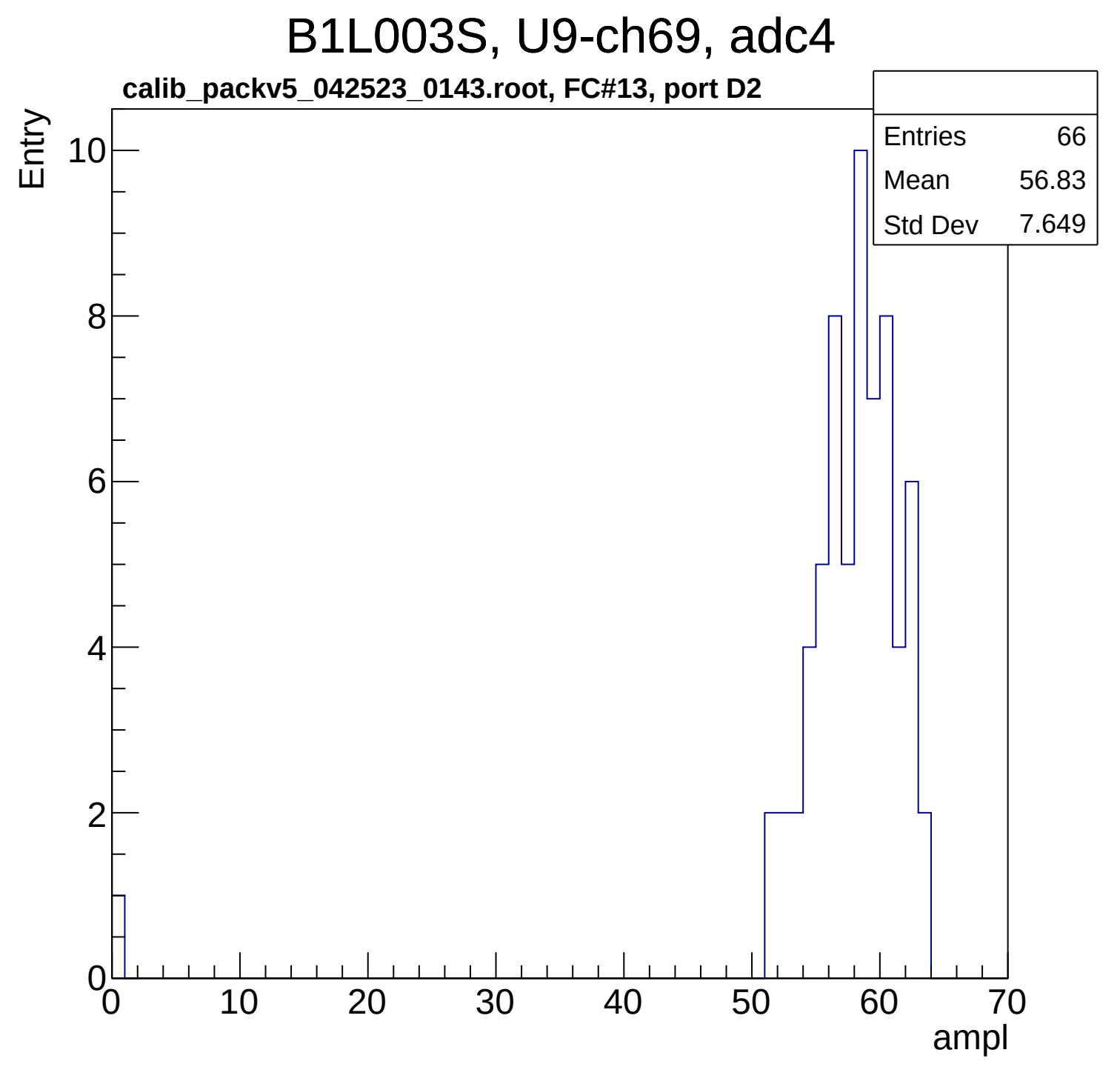
B1L003S, U9-ch69, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 56.83
Std Dev 7.649
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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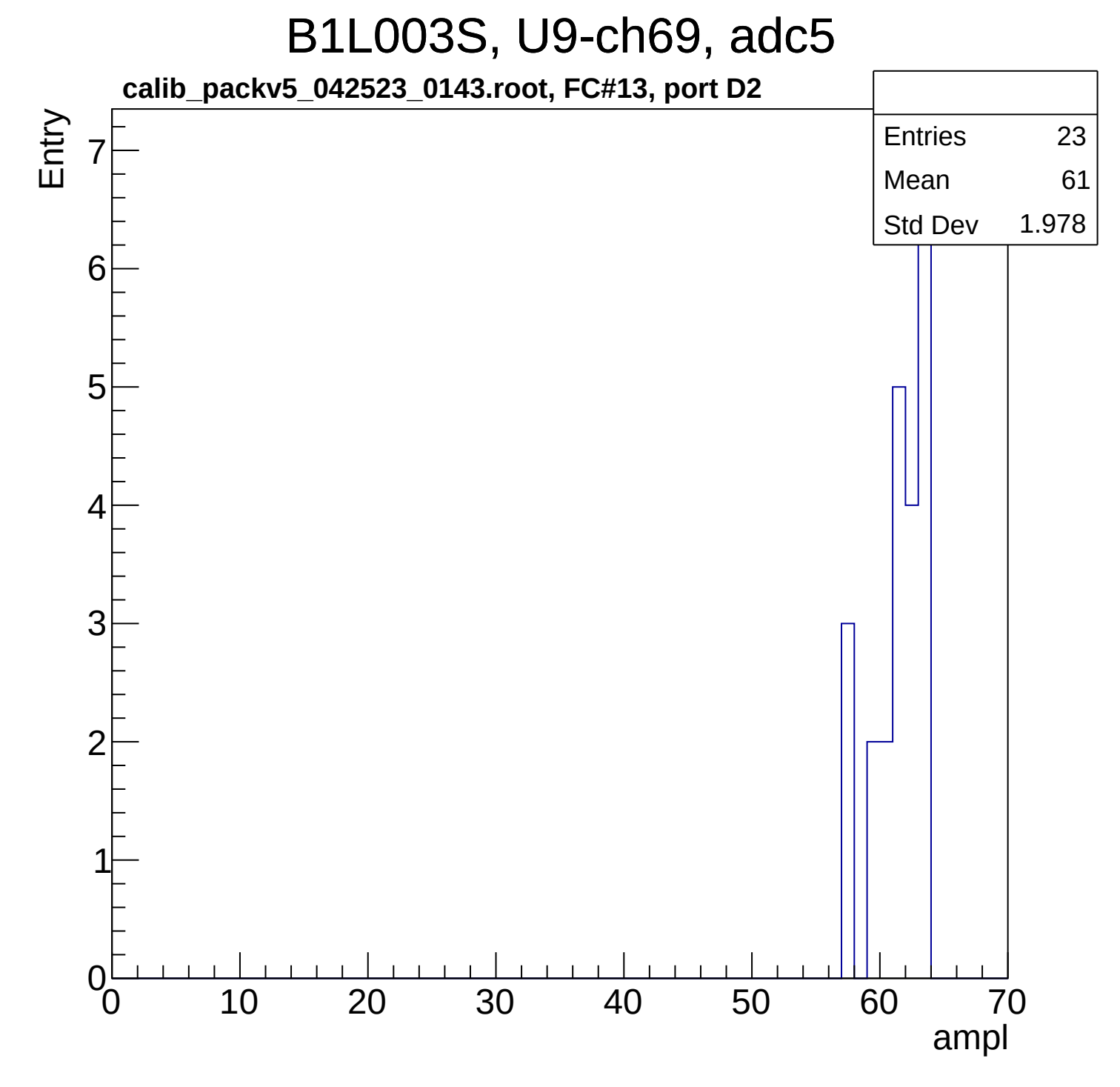
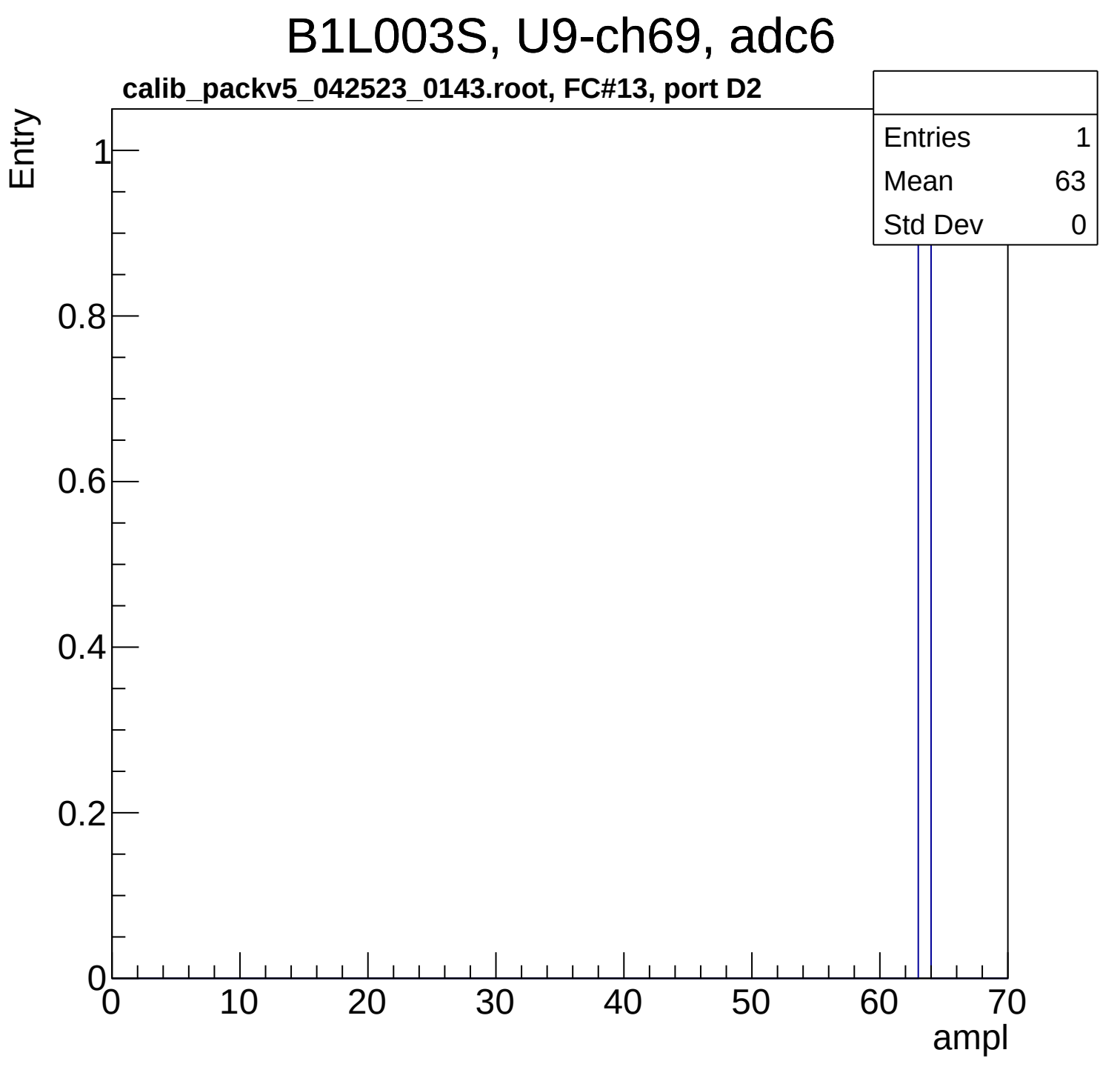
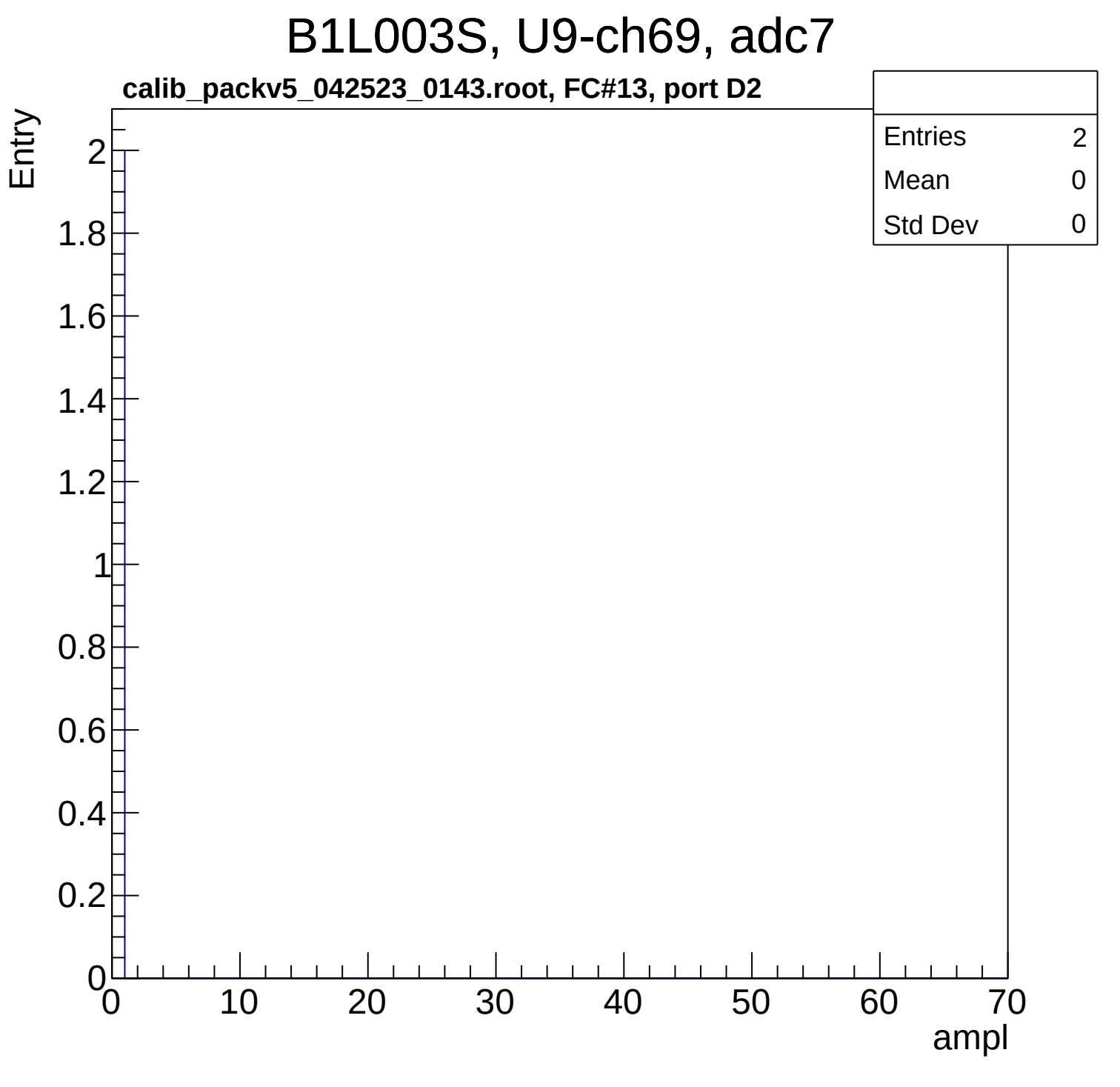

B1L003S, U9-ch69, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 23
Mean 61
Std Dev 1.978
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch69, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch69, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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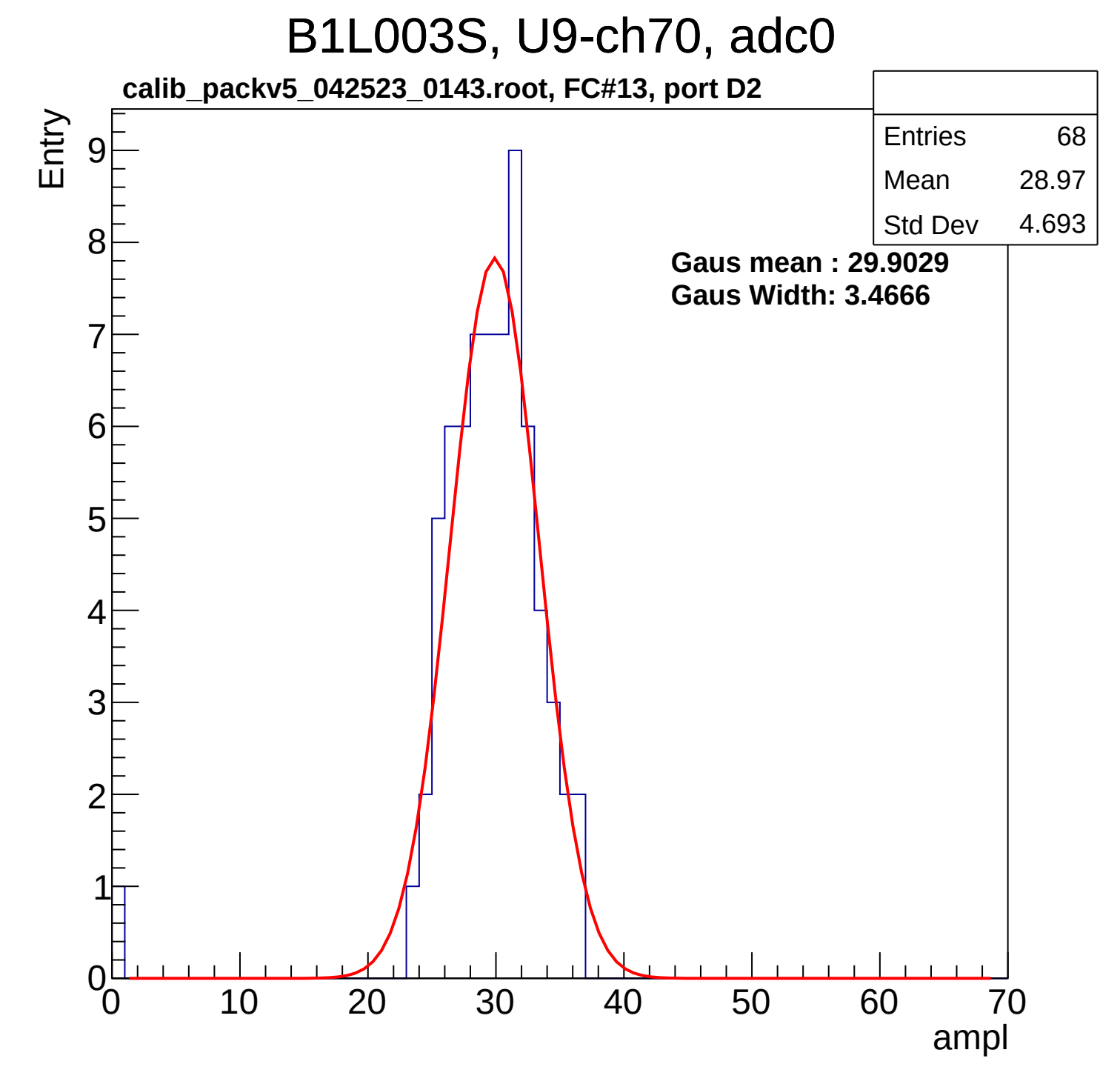
B1L003S, U9-ch70, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 28.97
Std Dev 4.693
Gaus mean : 29.9029
Gaus Width: 3.4666
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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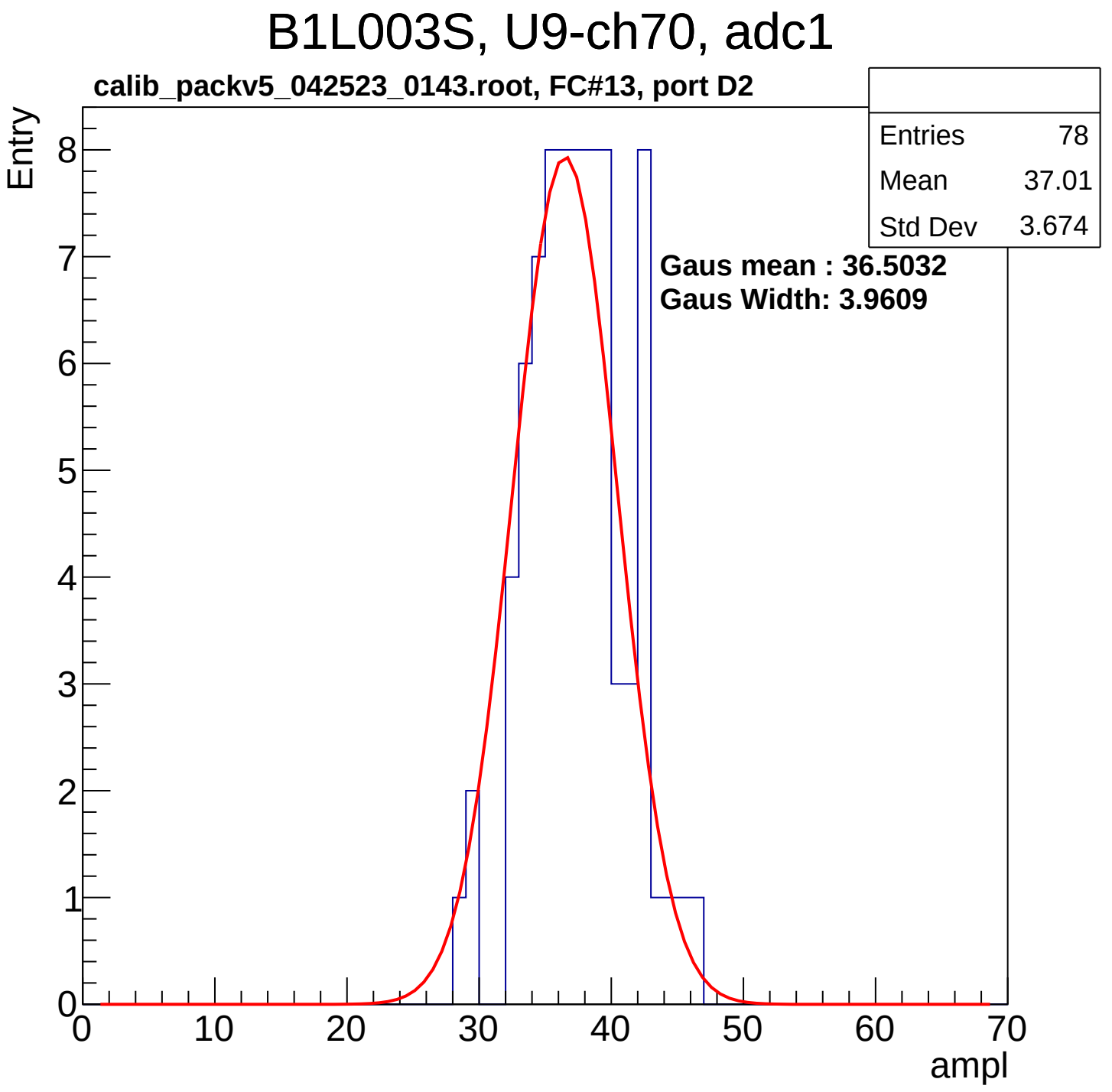
B1L003S, U9-ch70, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 37.01
Std Dev 3.674
Gaus mean : 36.5032
Gaus Width: 3.9609
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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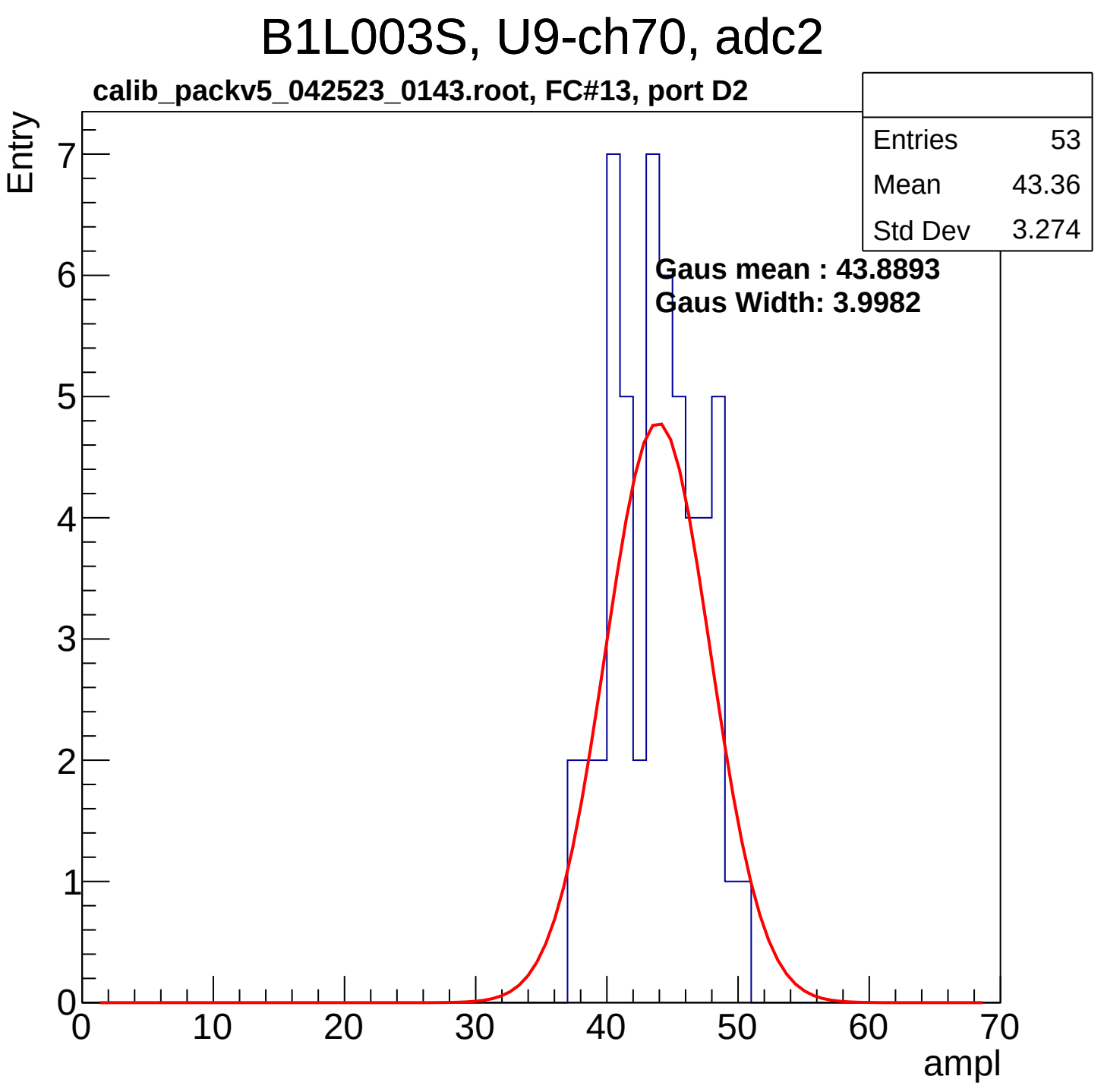
B1L003S, U9-ch70, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 43.36
Std Dev 3.274
Gaus mean : 43.8893
Gaus Width: 3.9982
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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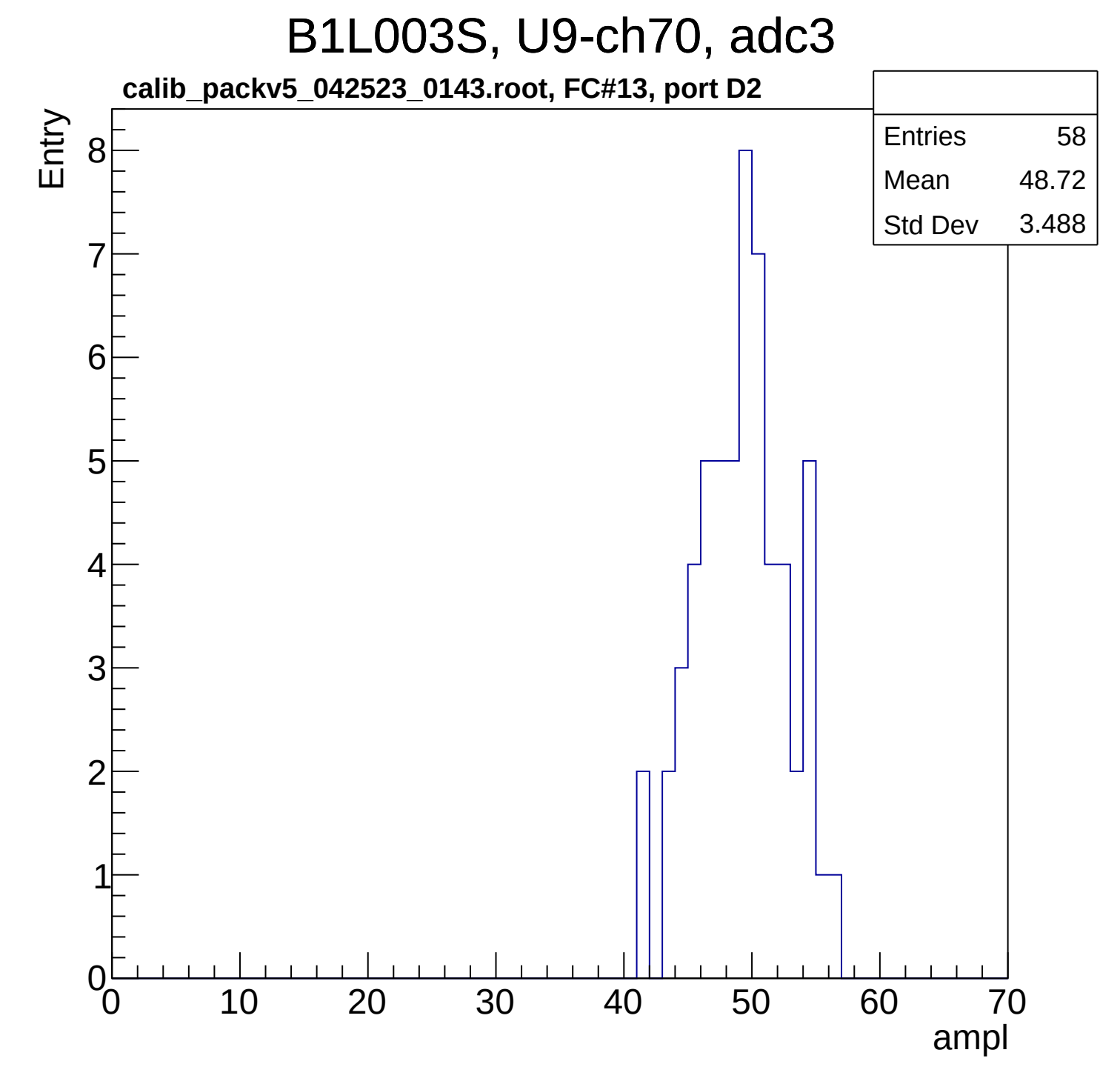
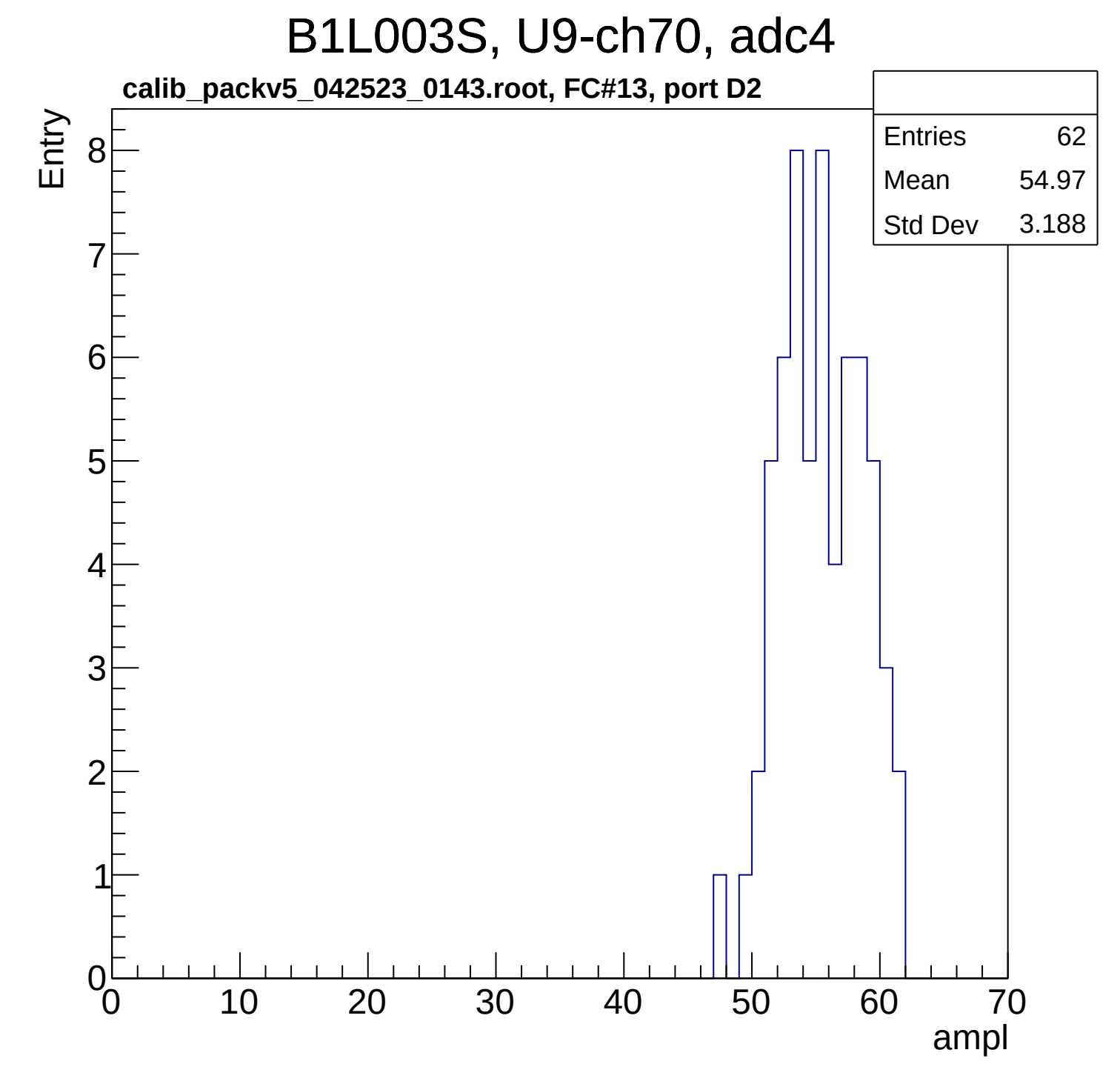
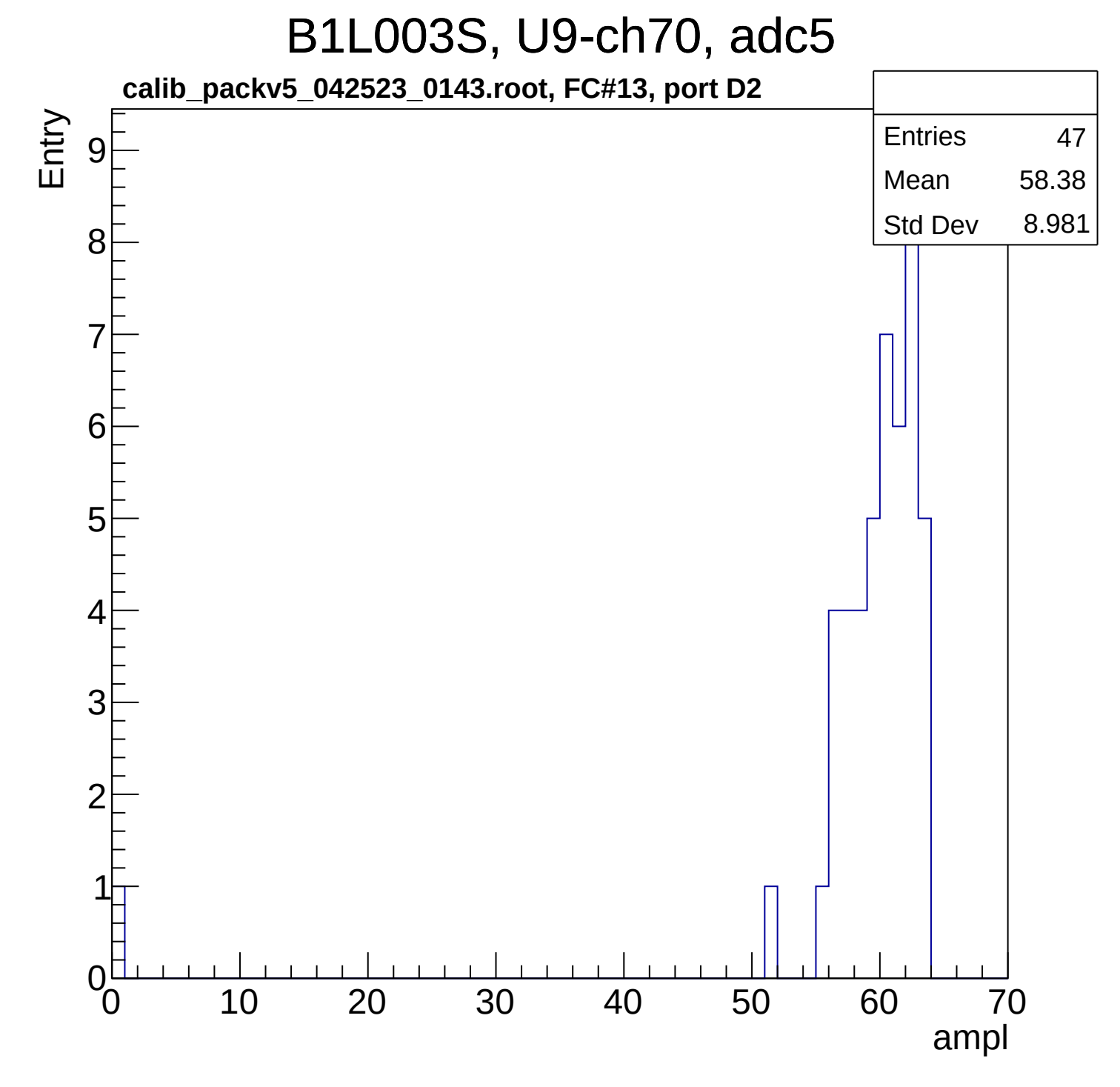

B1L003S, U9-ch70, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 48.72
Std Dev 3.488
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch70, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 54.97
Std Dev 3.188
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch70, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.38
Std Dev 8.981
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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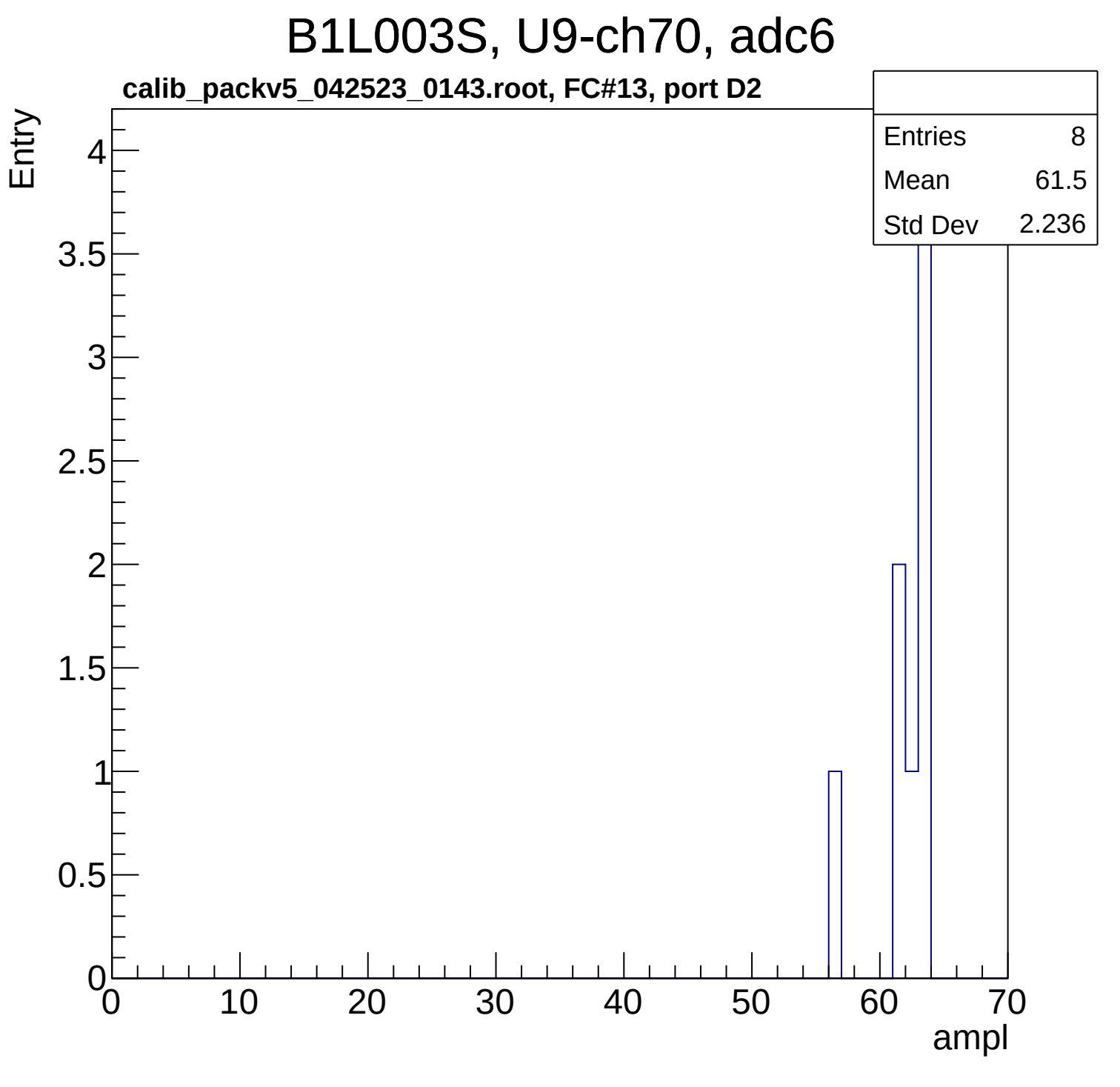
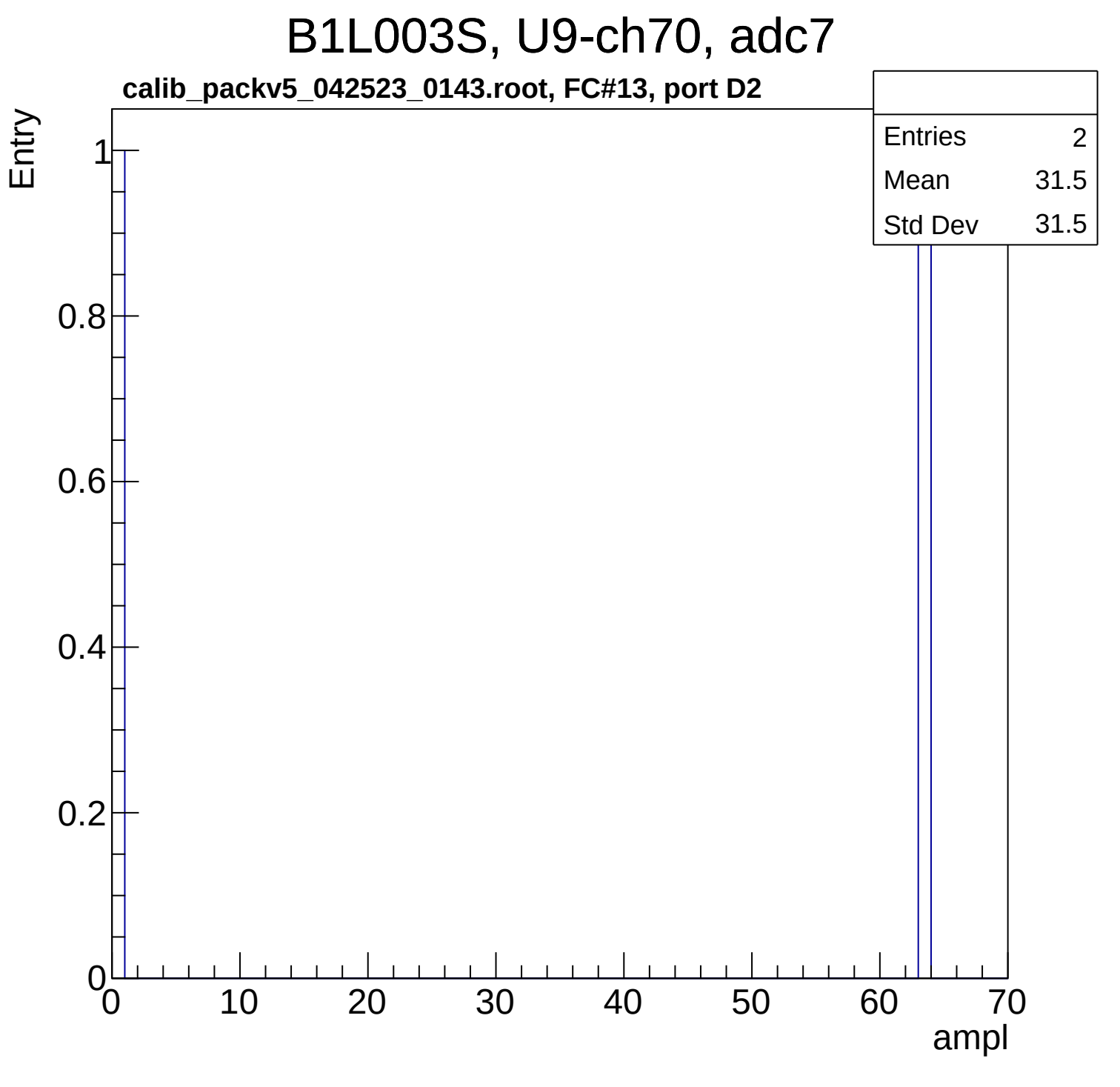
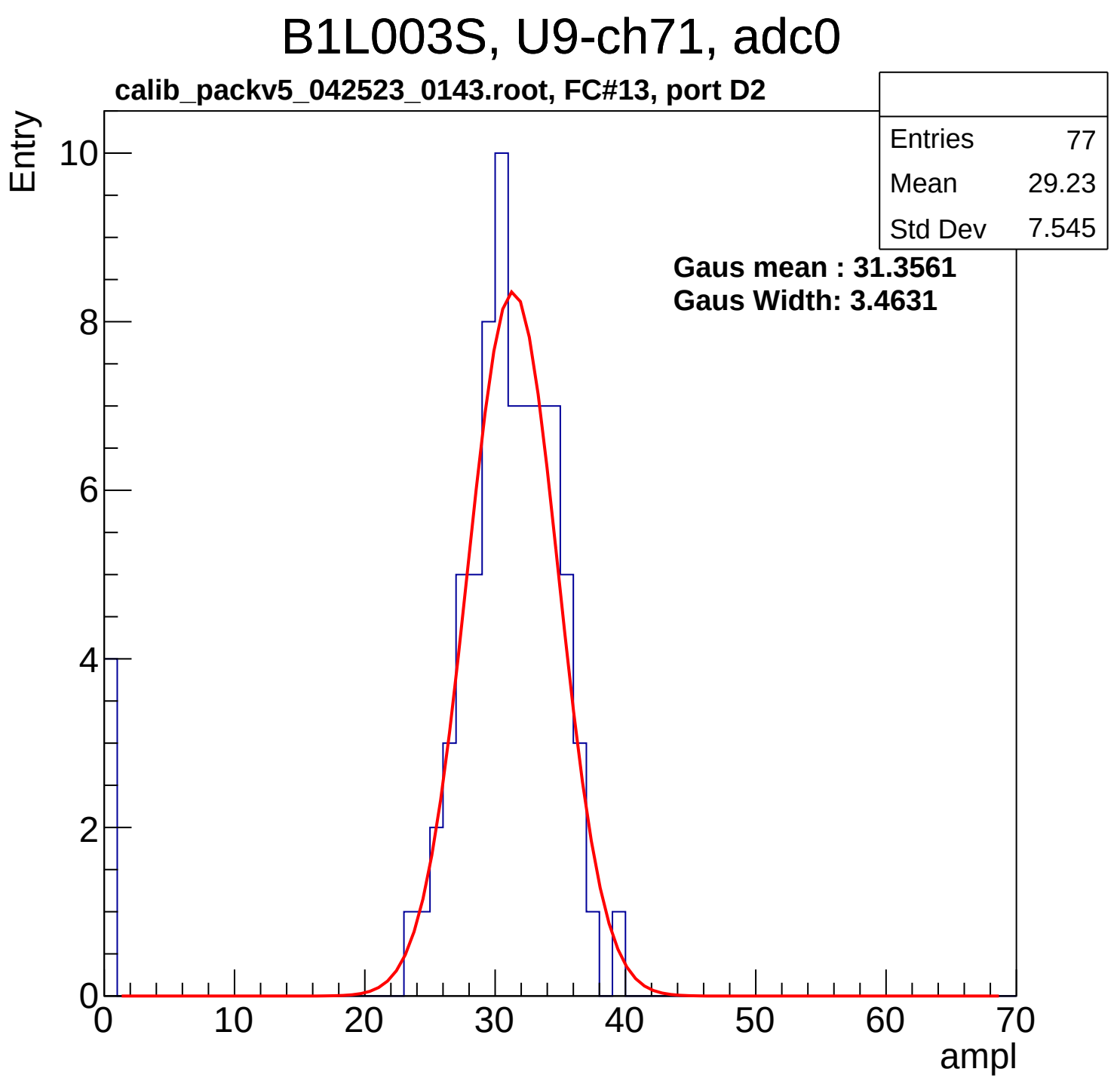
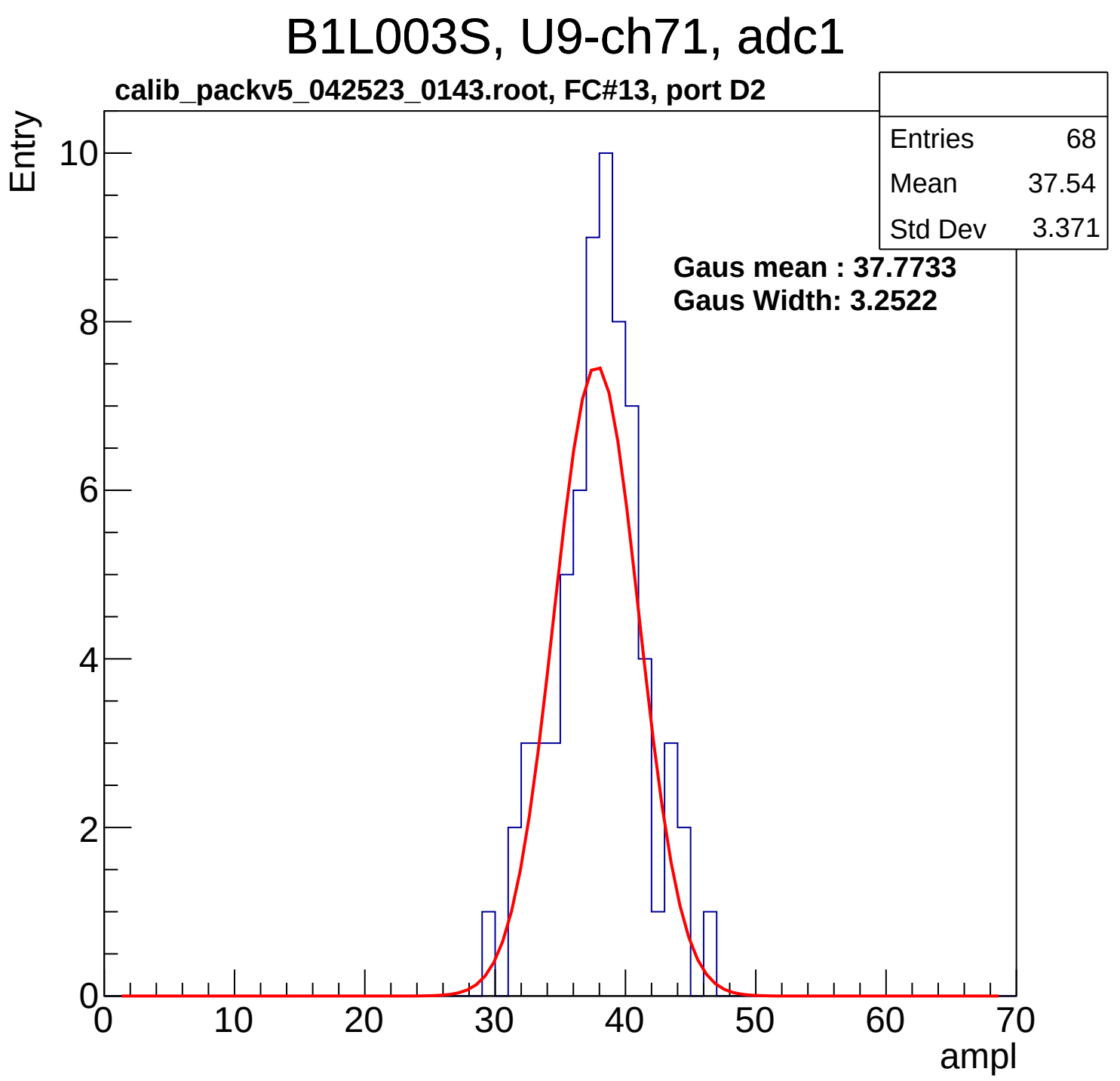
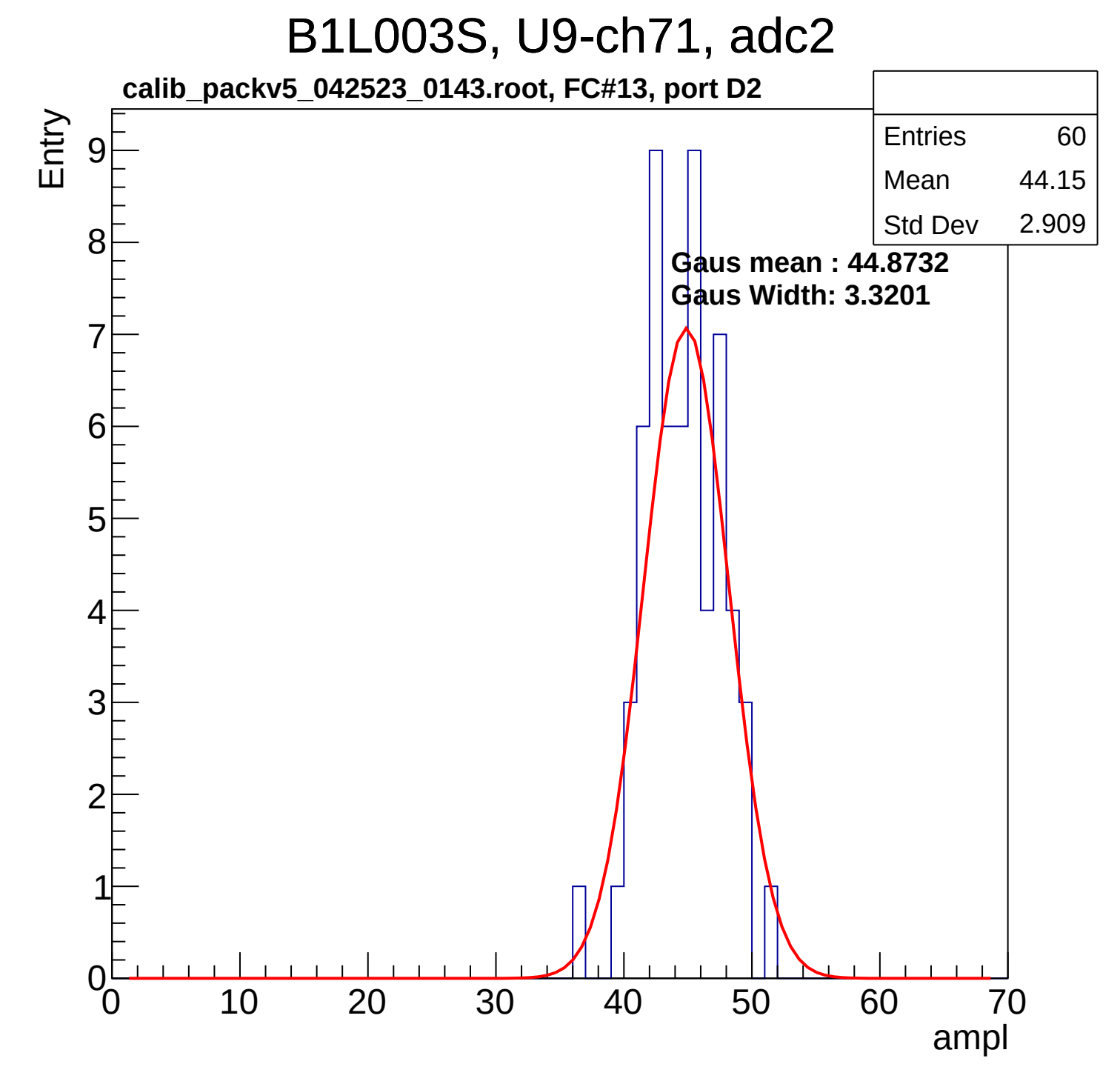
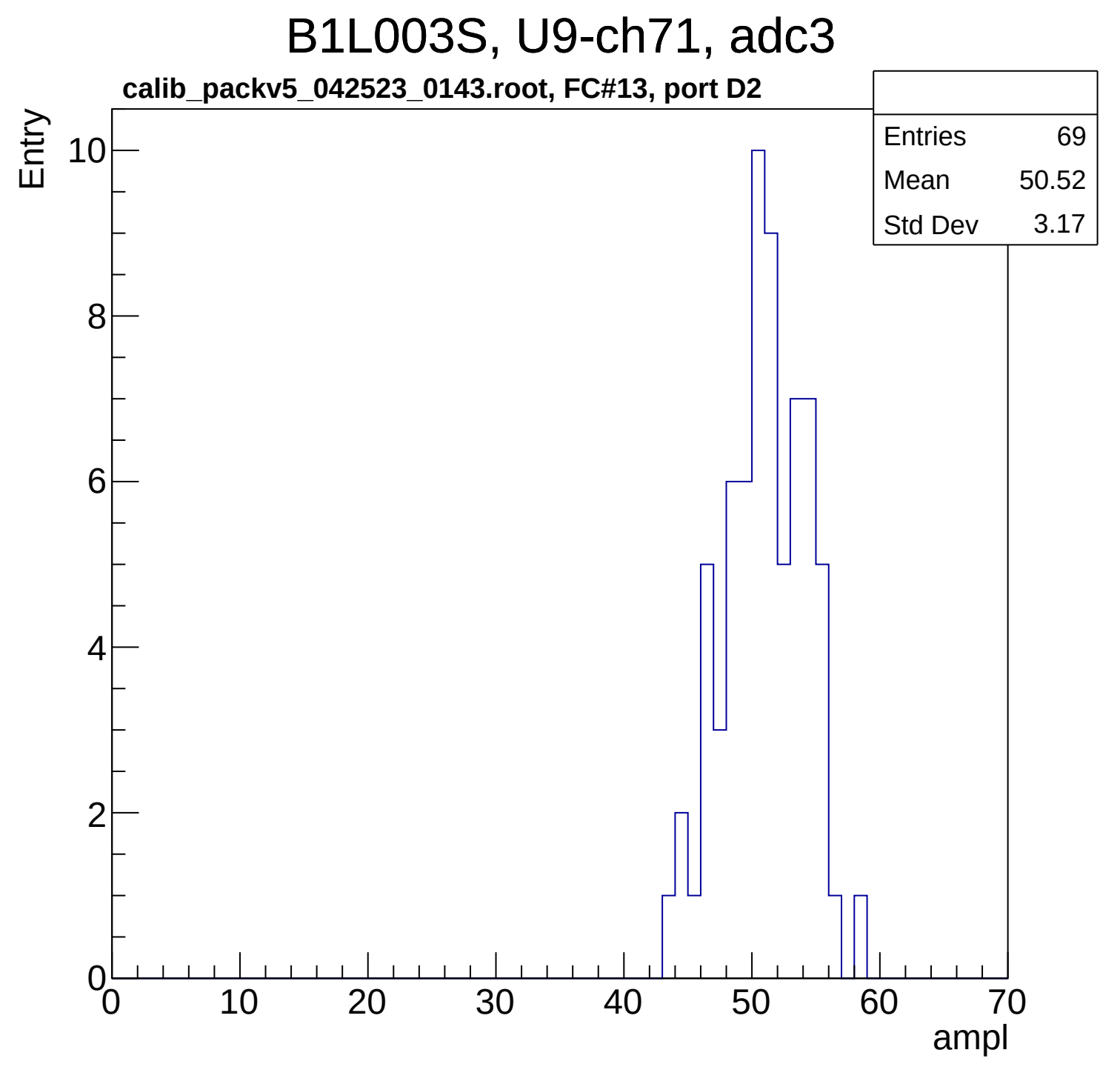

B1L003S, U9-ch70, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 61.5
Std Dev 2.236
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

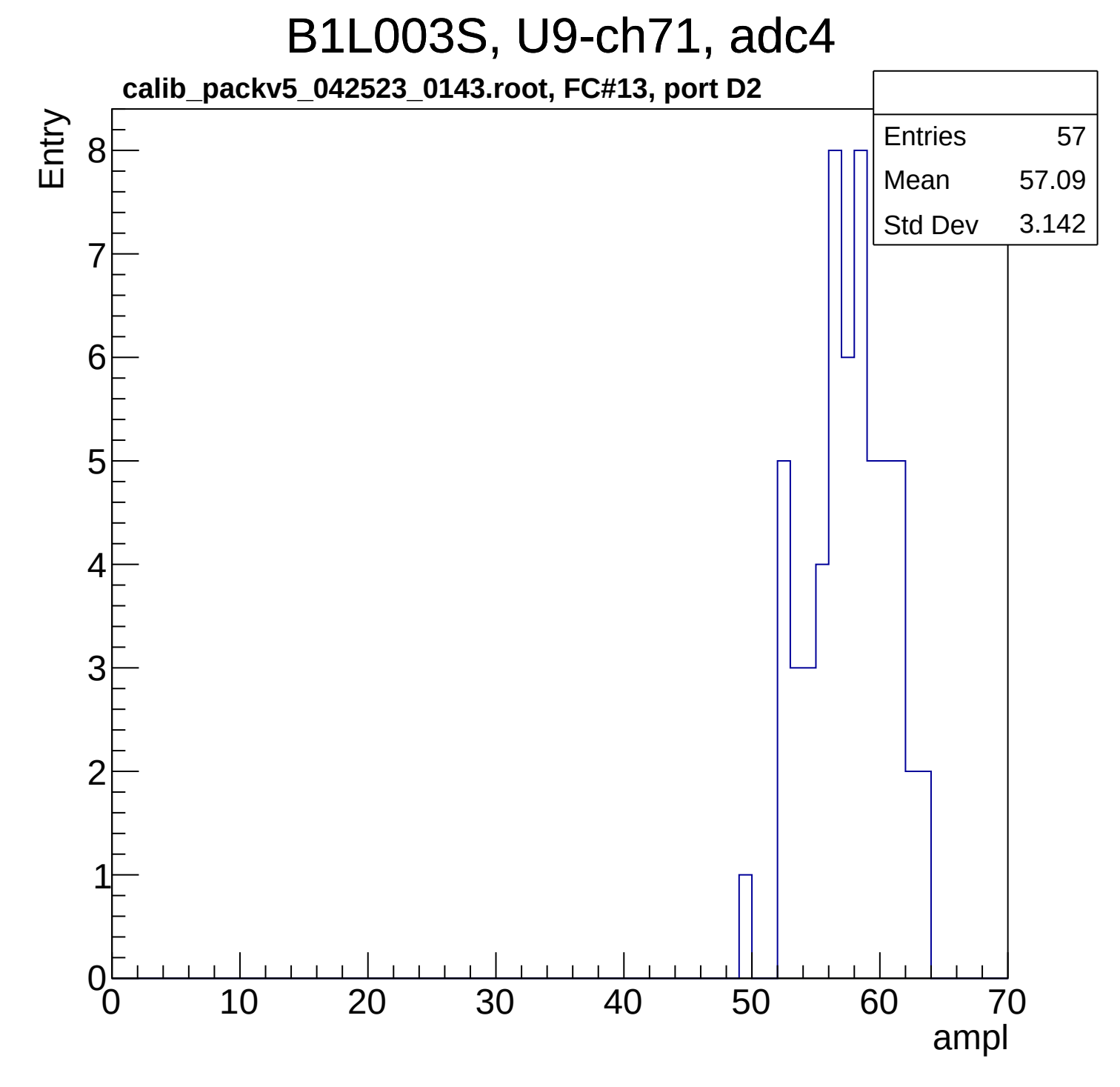

B1L003S, U9-ch70, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch71, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 29.23
Std Dev 7.545
Gaus mean : 31.3561
Gaus Width: 3.4631
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch71, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 37.54
Std Dev 3.371
Gaus mean : 37.7733
Gaus Width: 3.2522
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch71, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 44.15
Std Dev 2.909
Gaus mean : 44.8732
Gaus Width: 3.3201
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch71, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 50.52
Std Dev 3.17
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch71, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 57.09
Std Dev 3.142
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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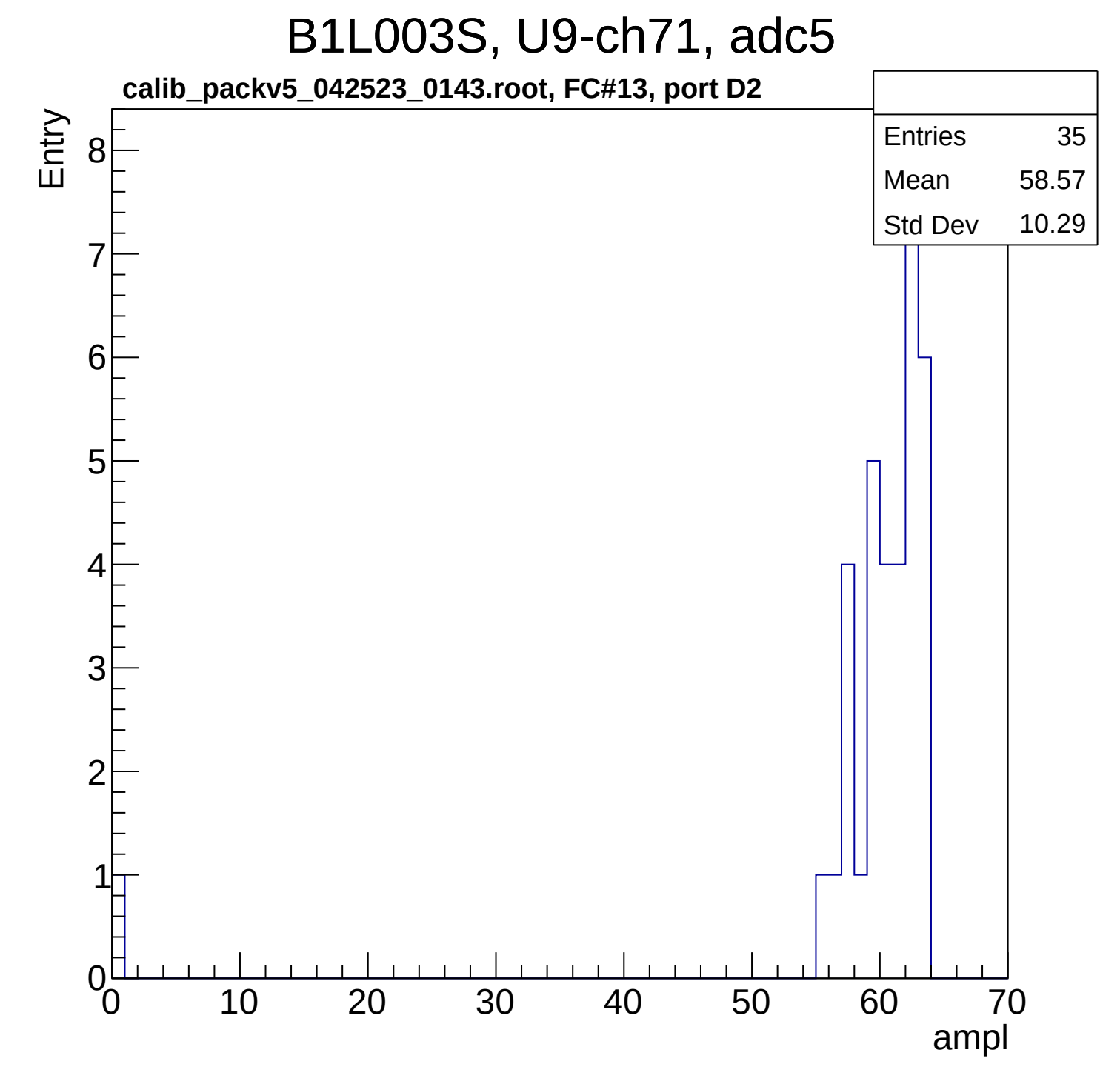
B1L003S, U9-ch71, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 35
Mean 58.57
Std Dev 10.29
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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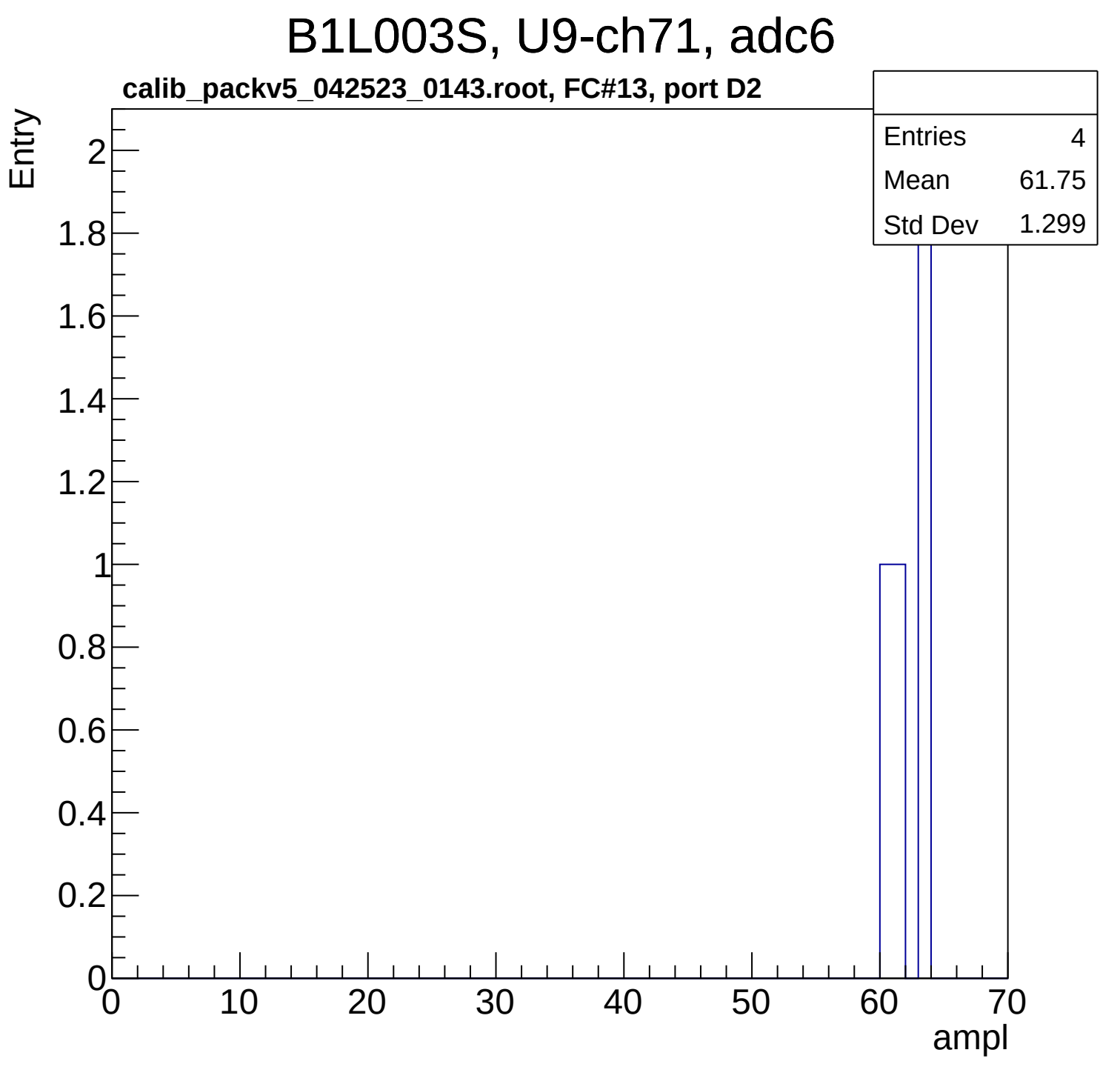
B1L003S, U9-ch71, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.75
Std Dev 1.299
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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40
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60
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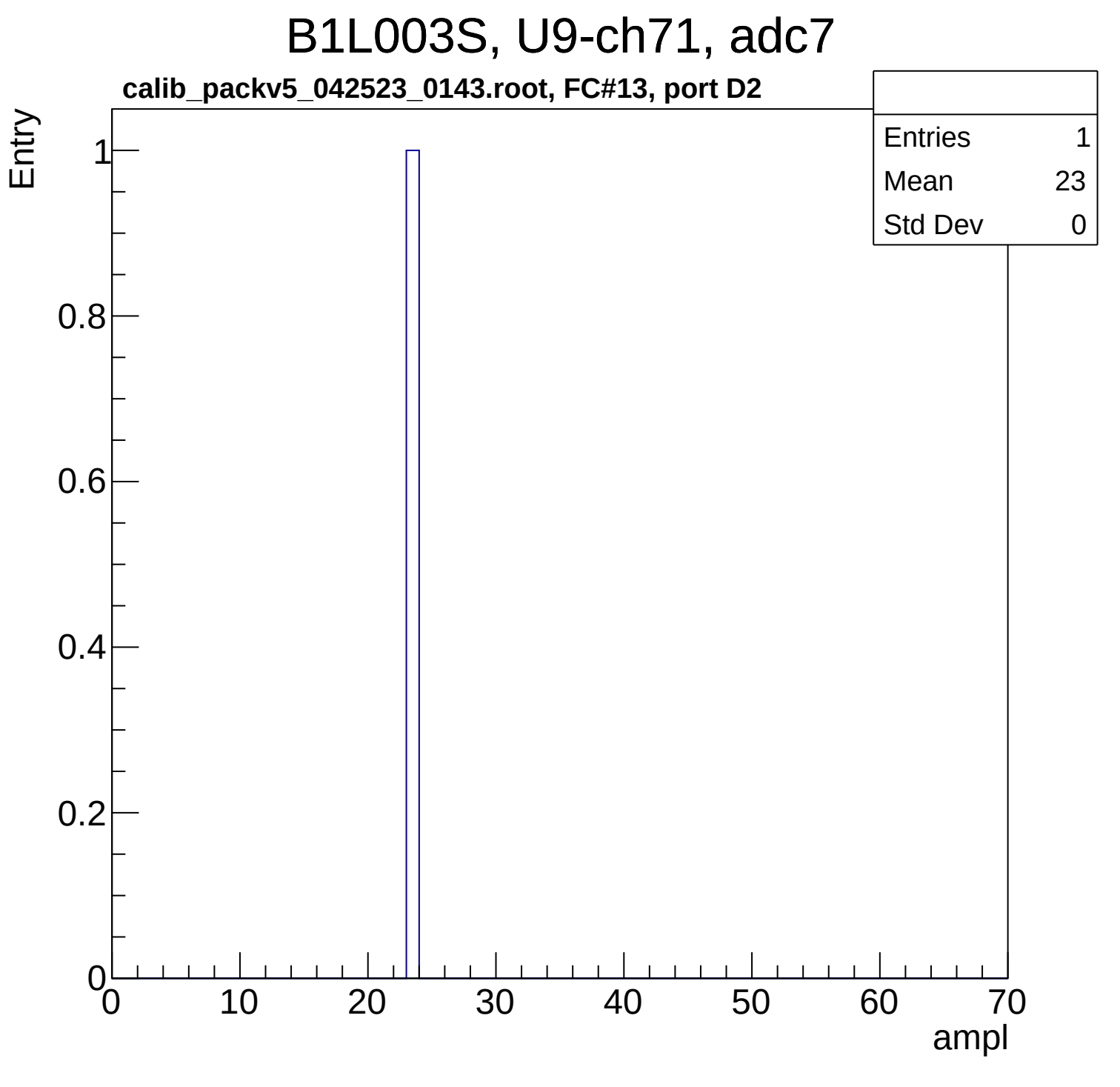
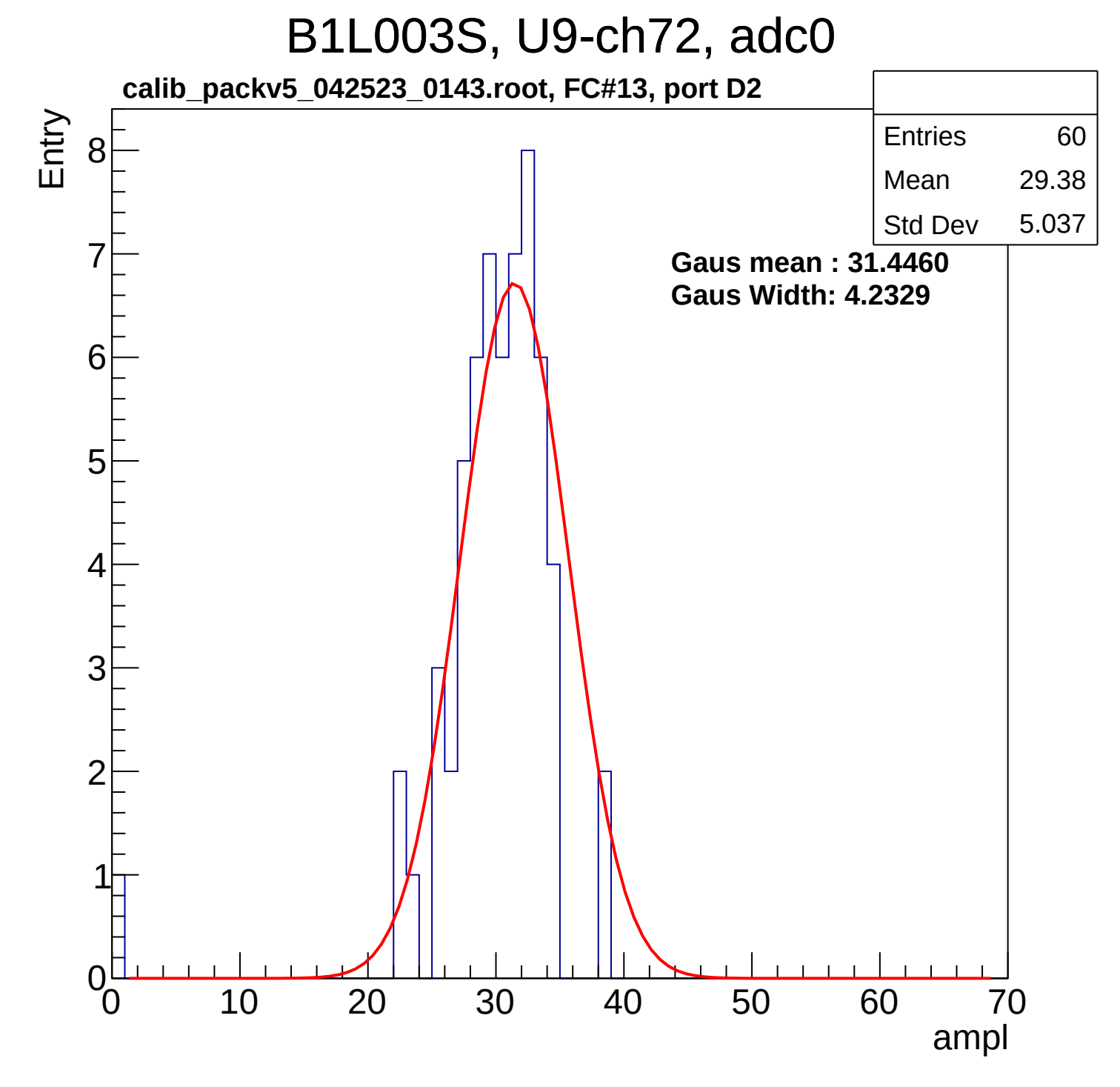
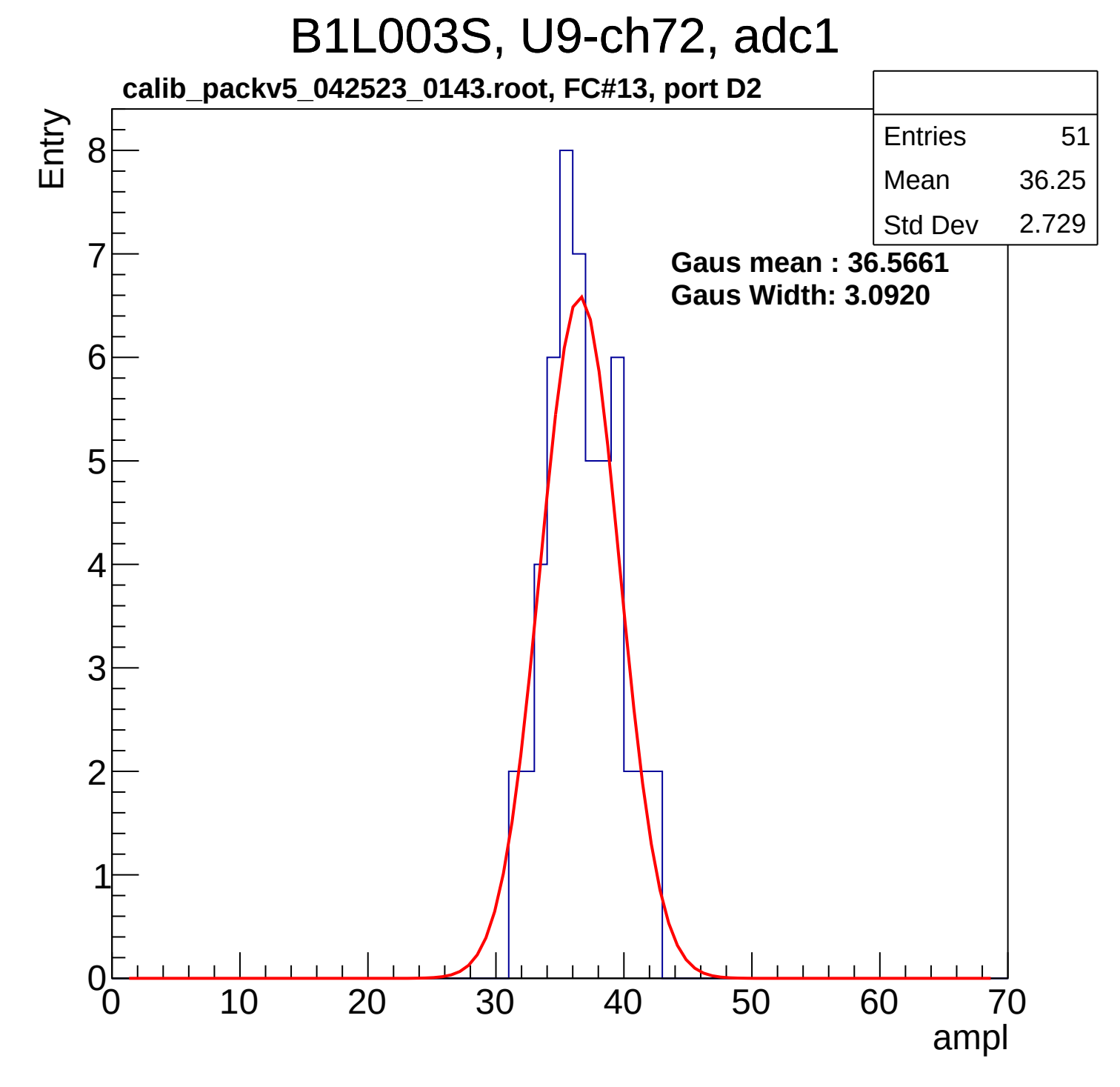
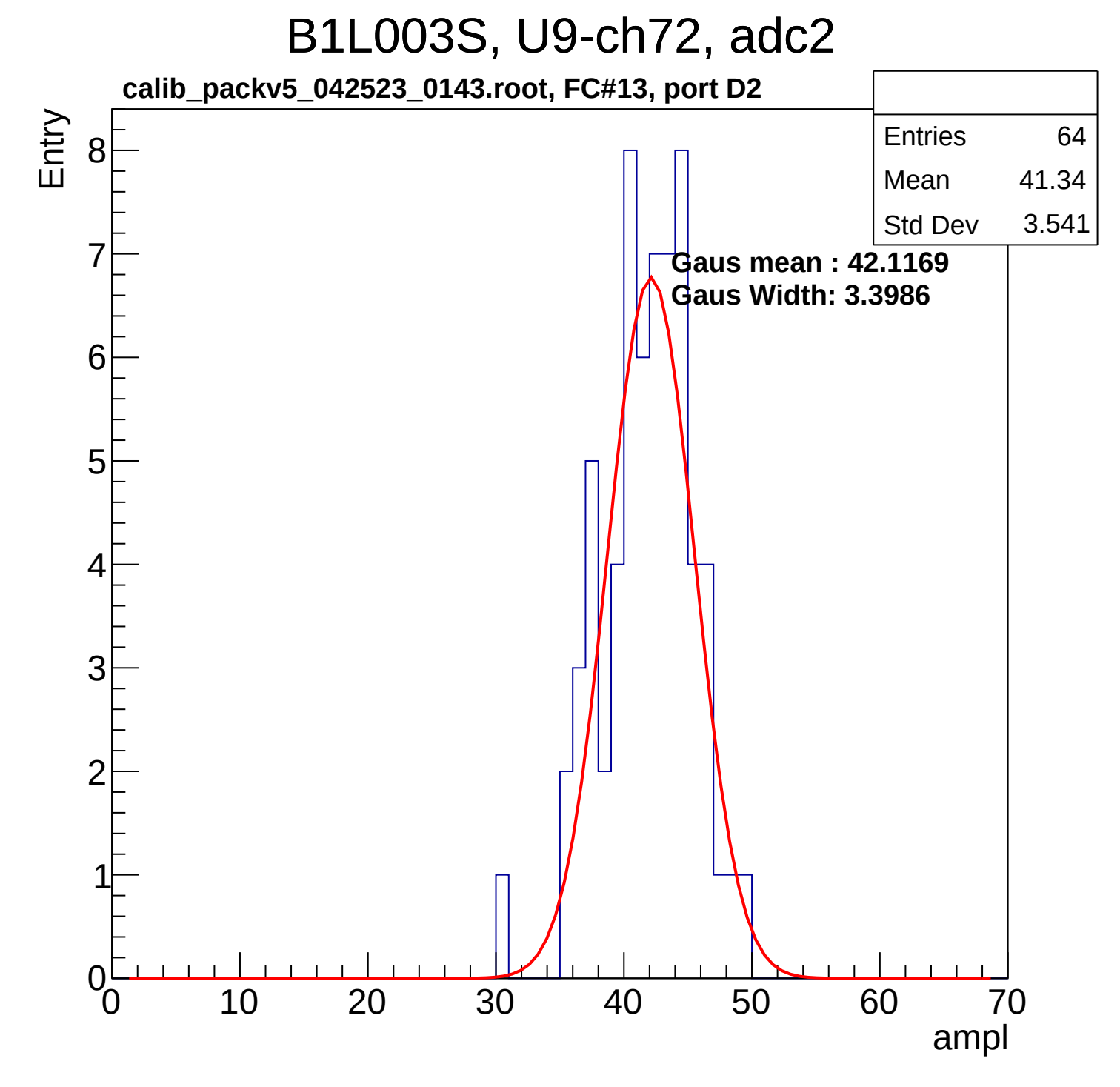

B1L003S, U9-ch71, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch72, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 29.38
Std Dev 5.037
Gaus mean : 31.4460
Gaus Width: 4.2329
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch72, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 36.25
Std Dev 2.729
Gaus mean : 36.5661
Gaus Width: 3.0920
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch72, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 41.34
Std Dev 3.541
Gaus mean : 42.1169
Gaus Width: 3.3986
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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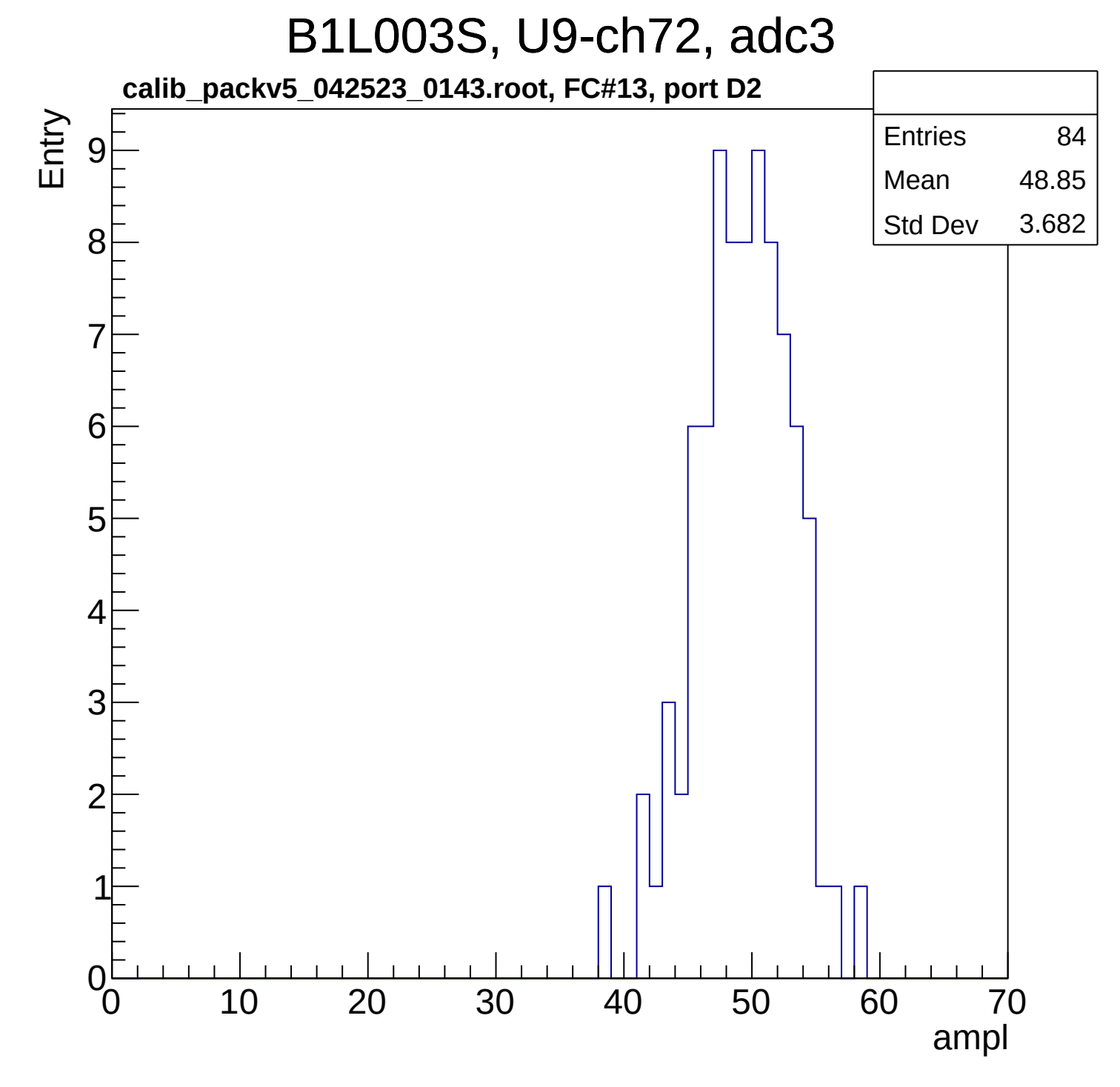
B1L003S, U9-ch72, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 84
Mean 48.85
Std Dev 3.682
Entry
ampl
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3
4
5
6
7
8
9
0
10
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40
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60
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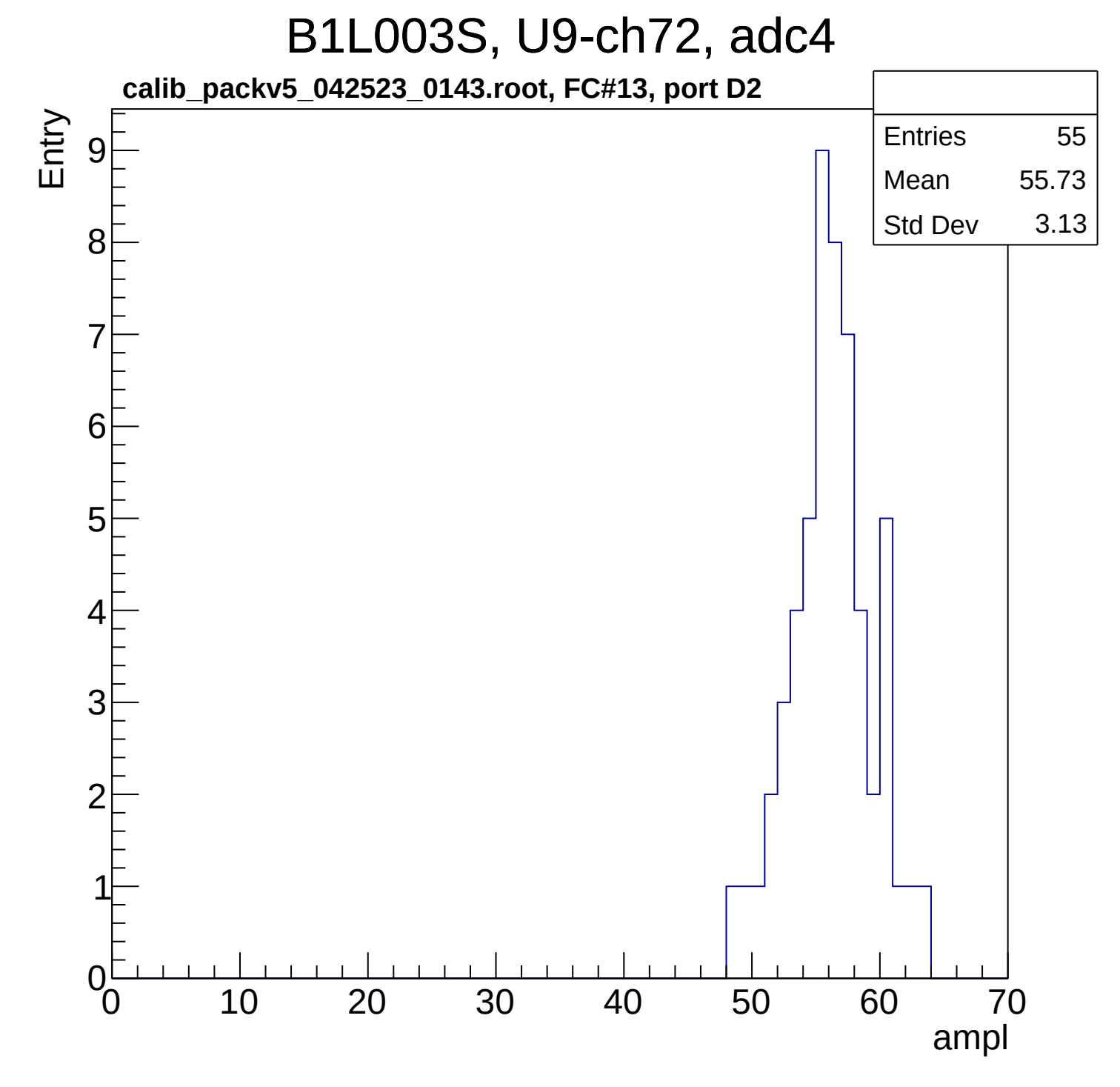
B1L003S, U9-ch72, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 55.73
Std Dev 3.13
Entry
ampl
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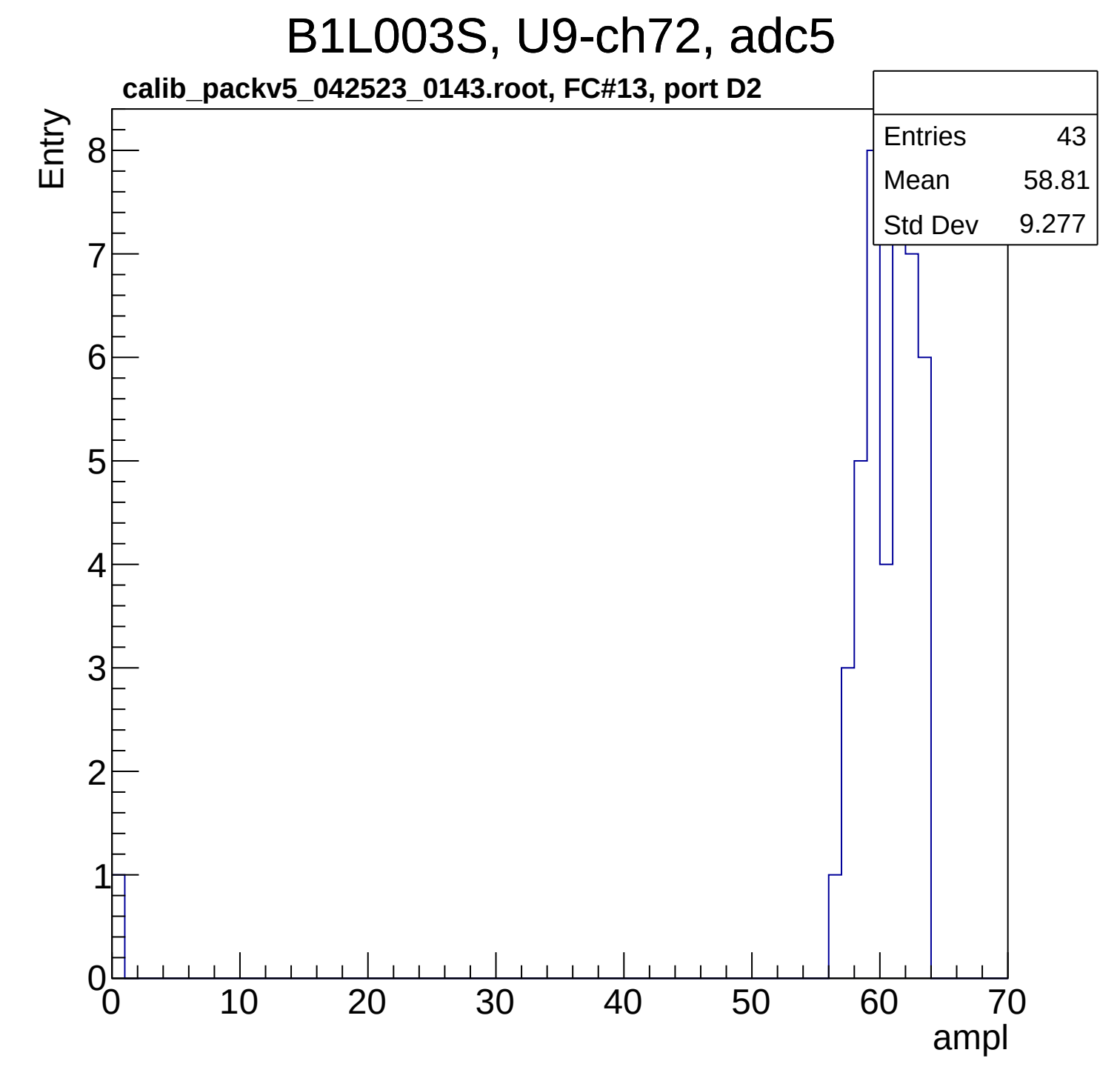
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch72, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 58.81
Std Dev 9.277
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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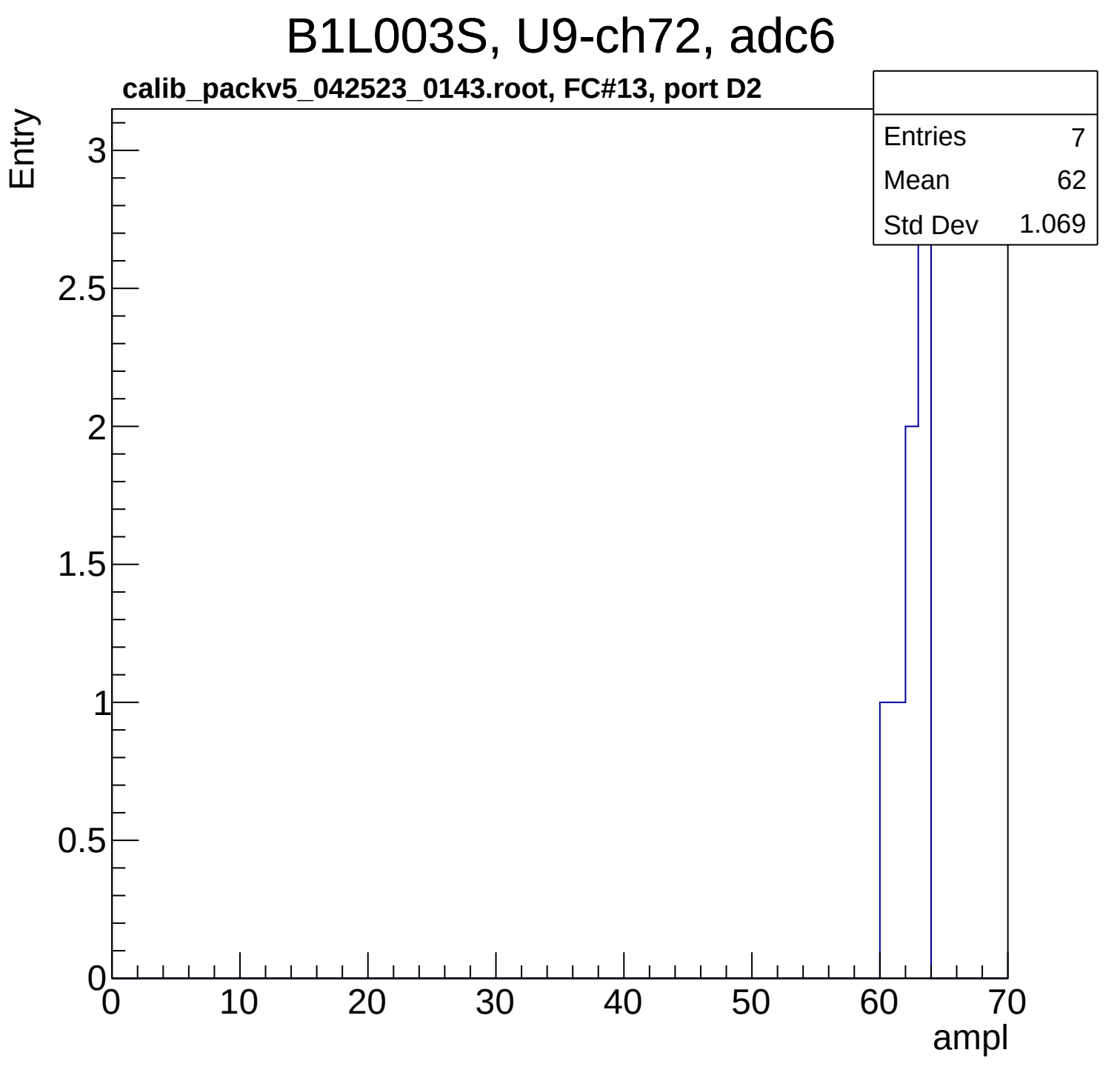
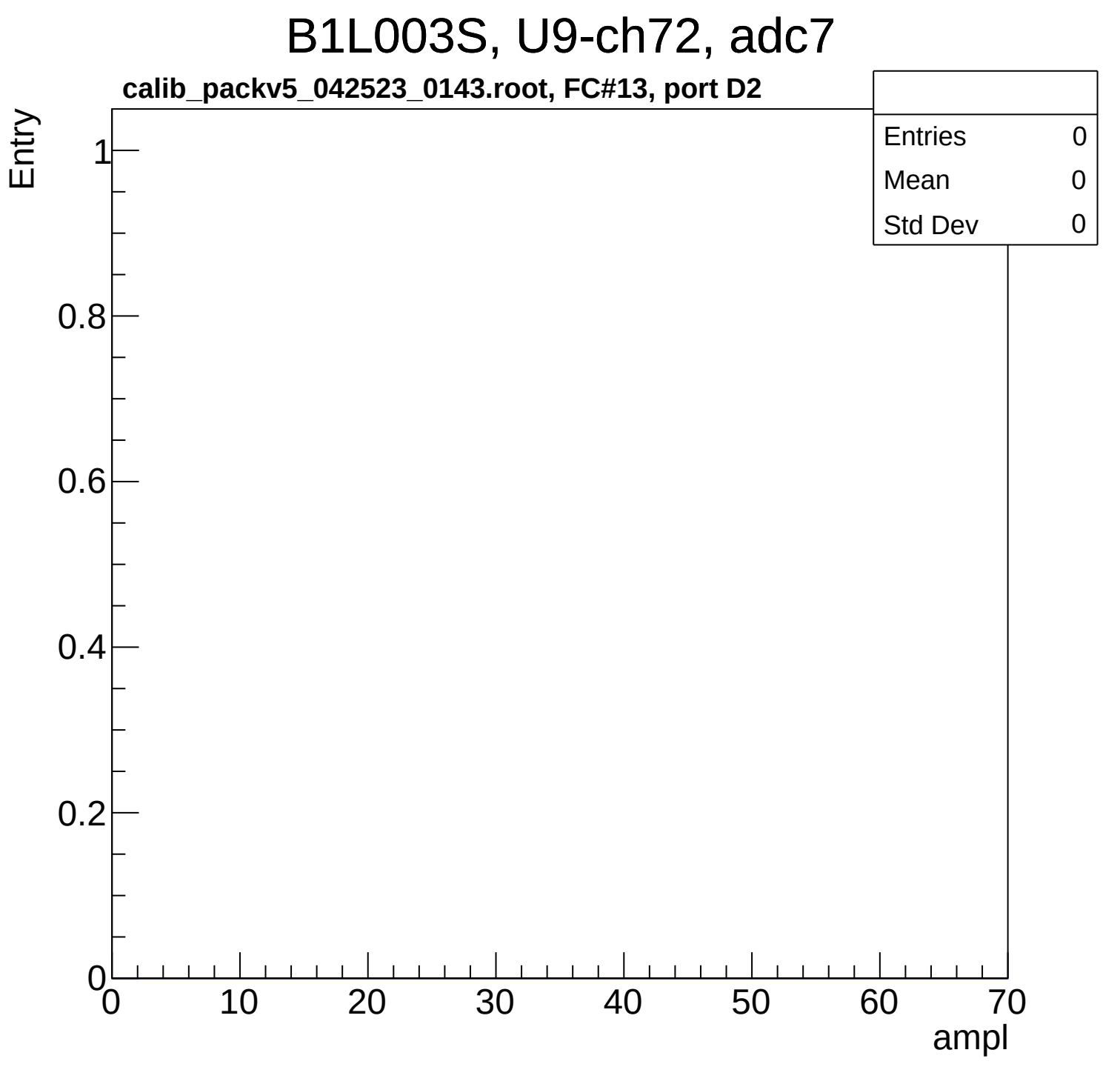

B1L003S, U9-ch72, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62
Std Dev 1.069
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch72, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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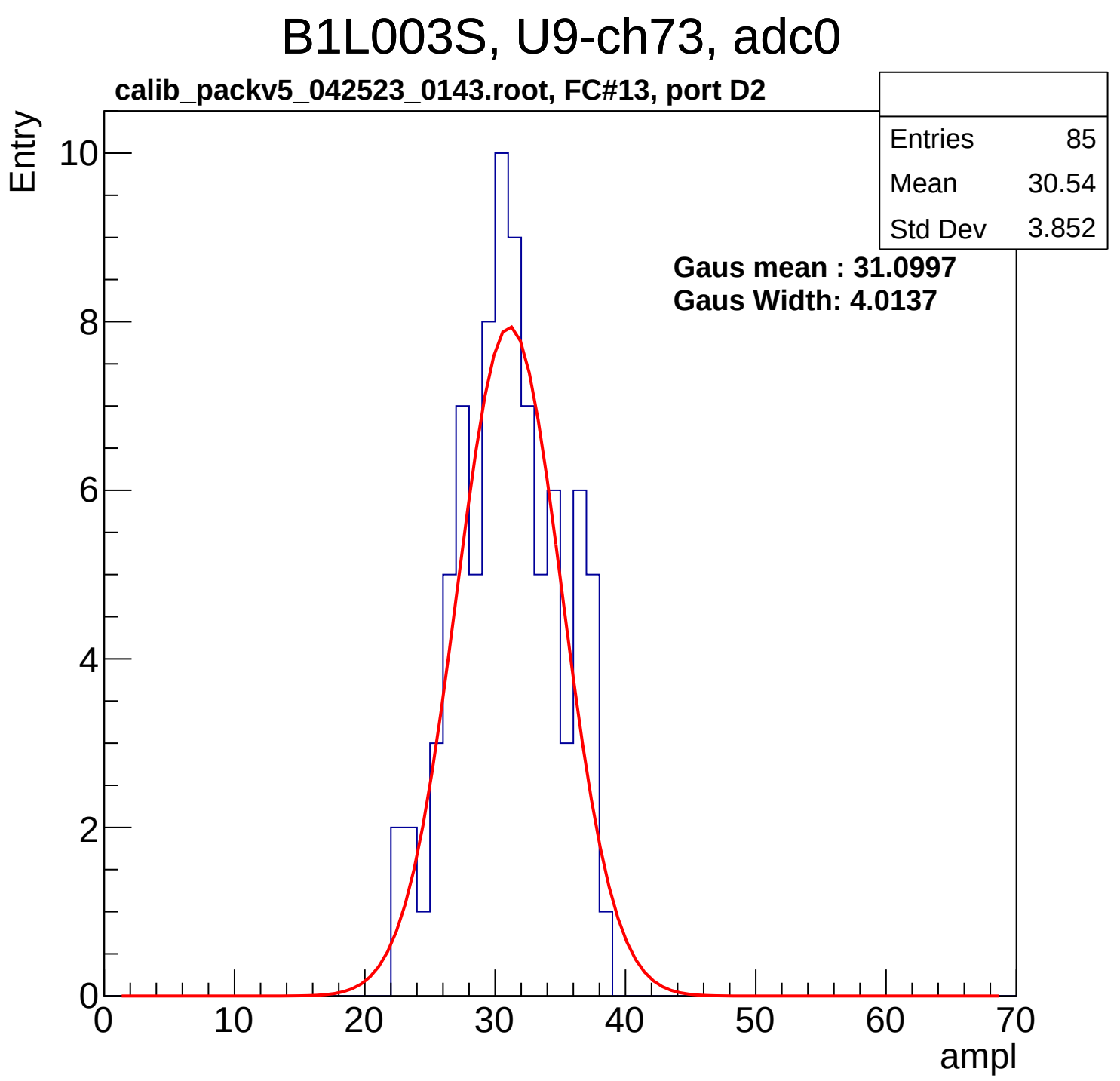
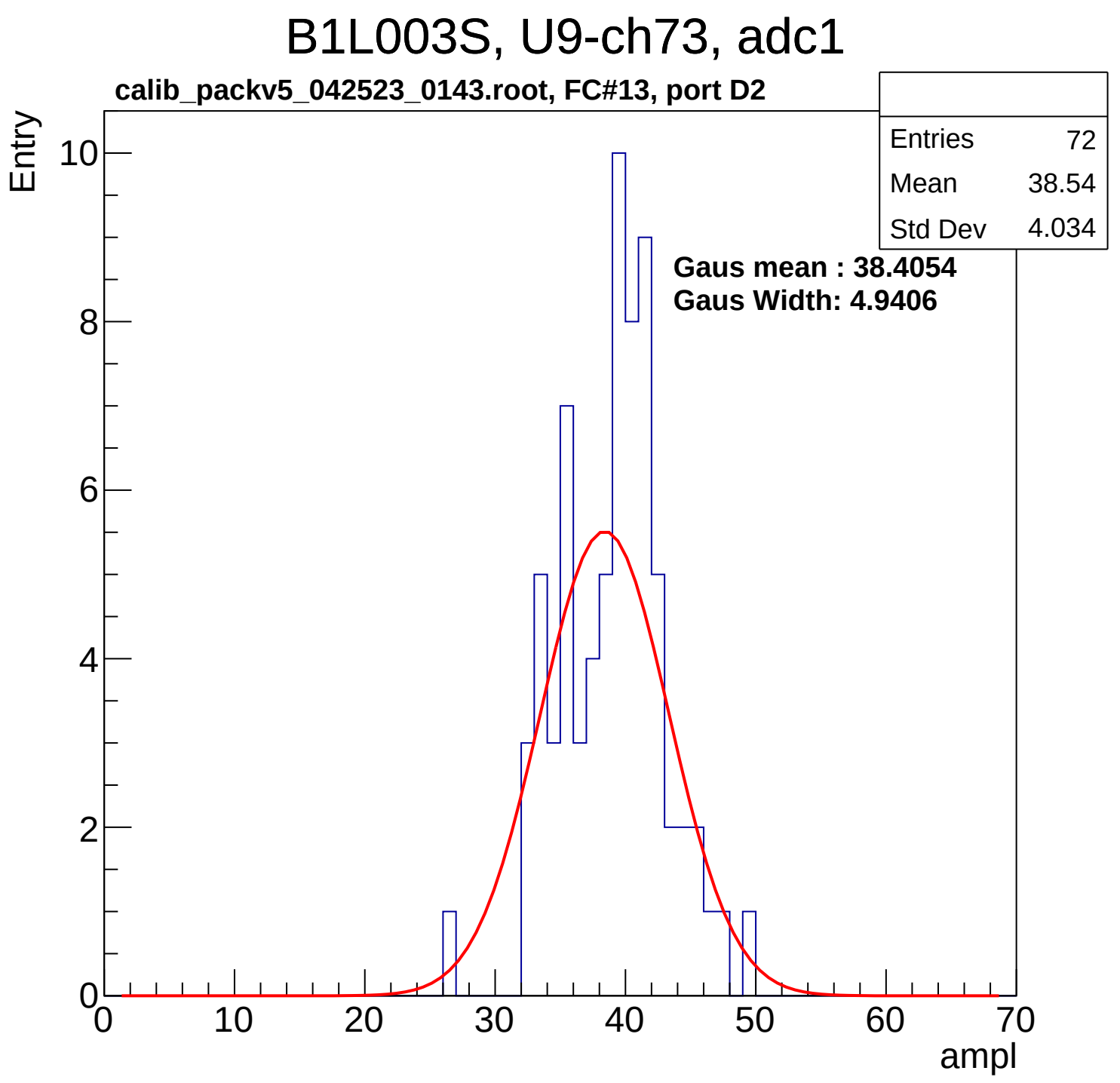
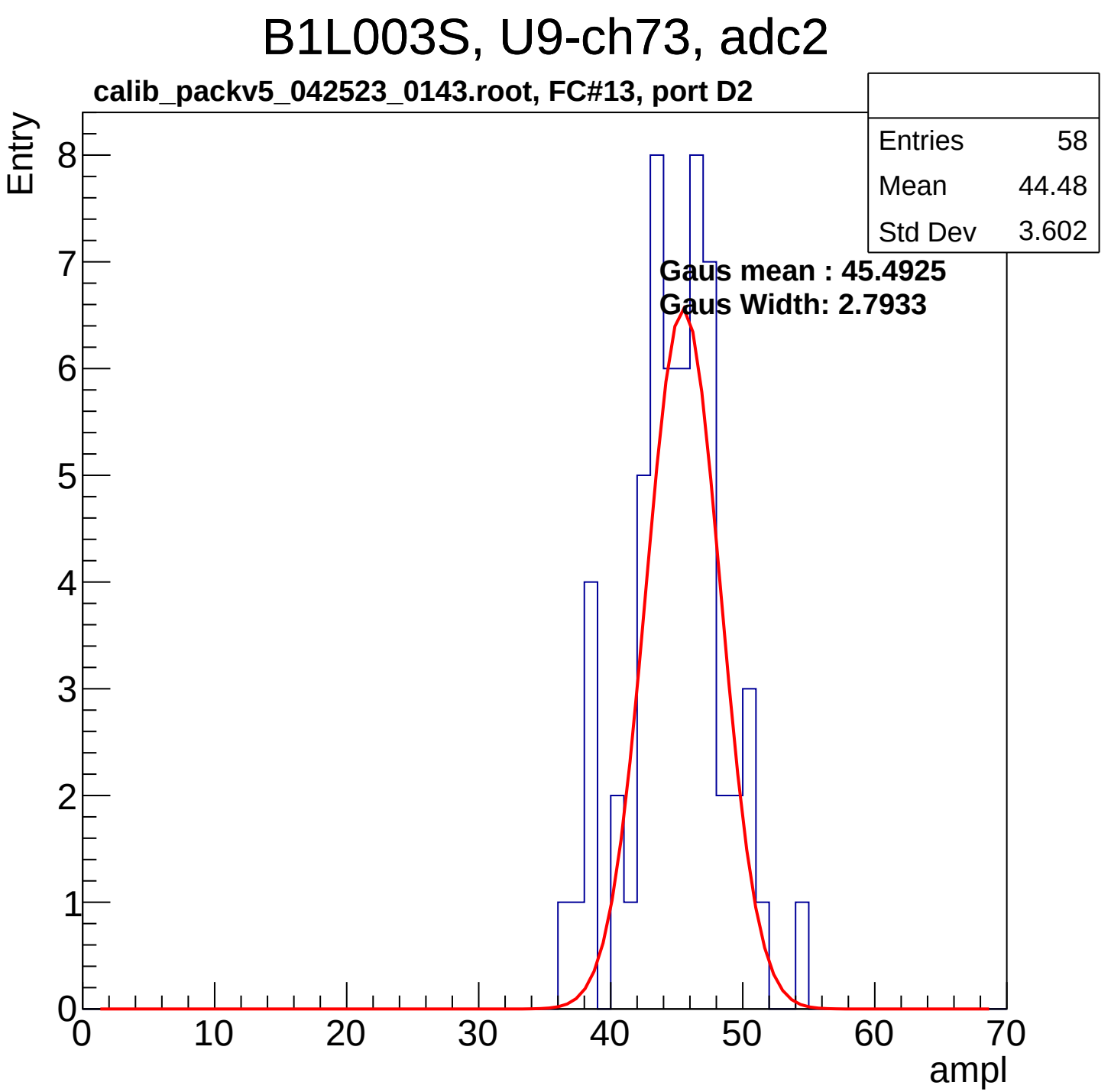
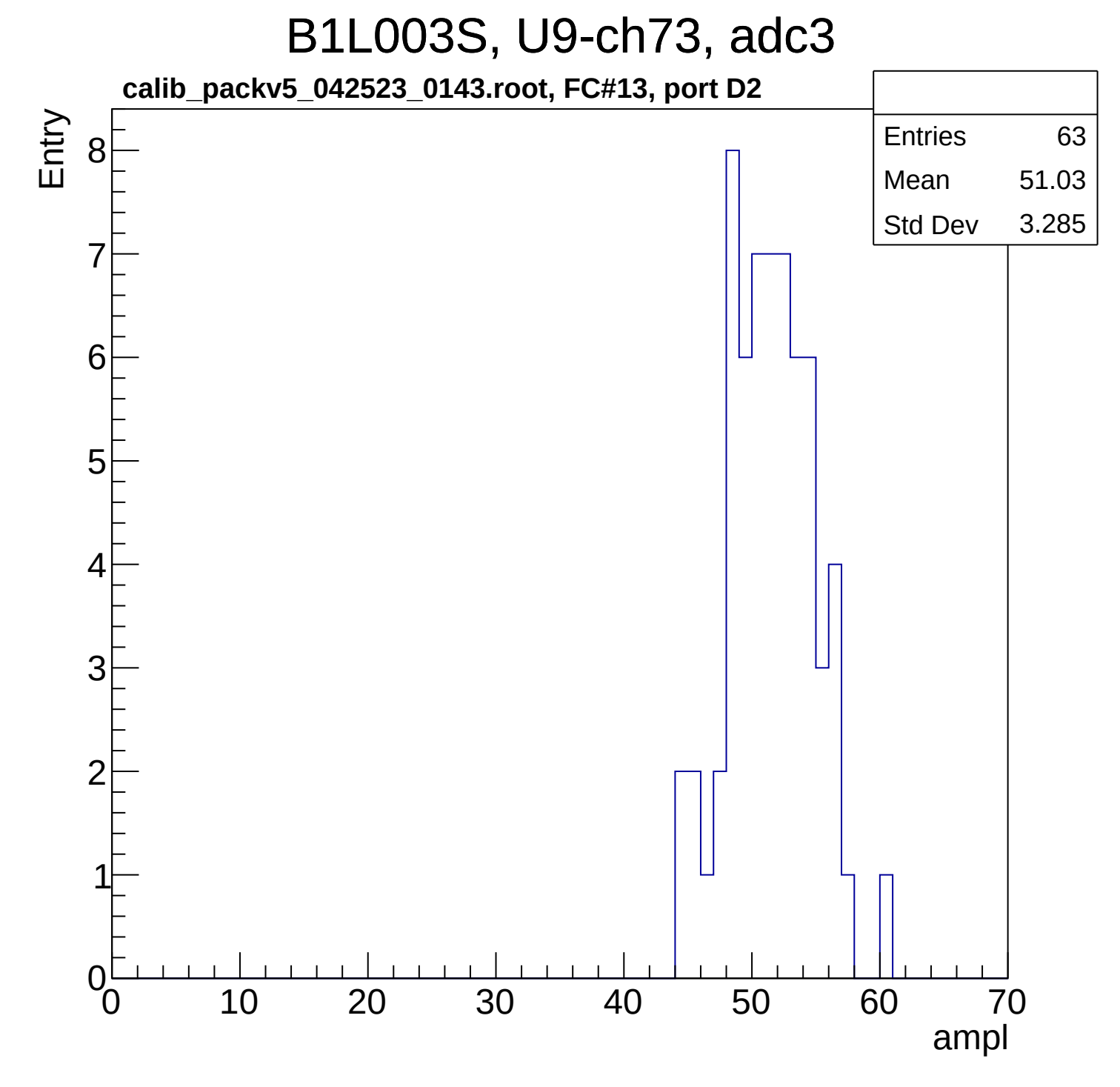
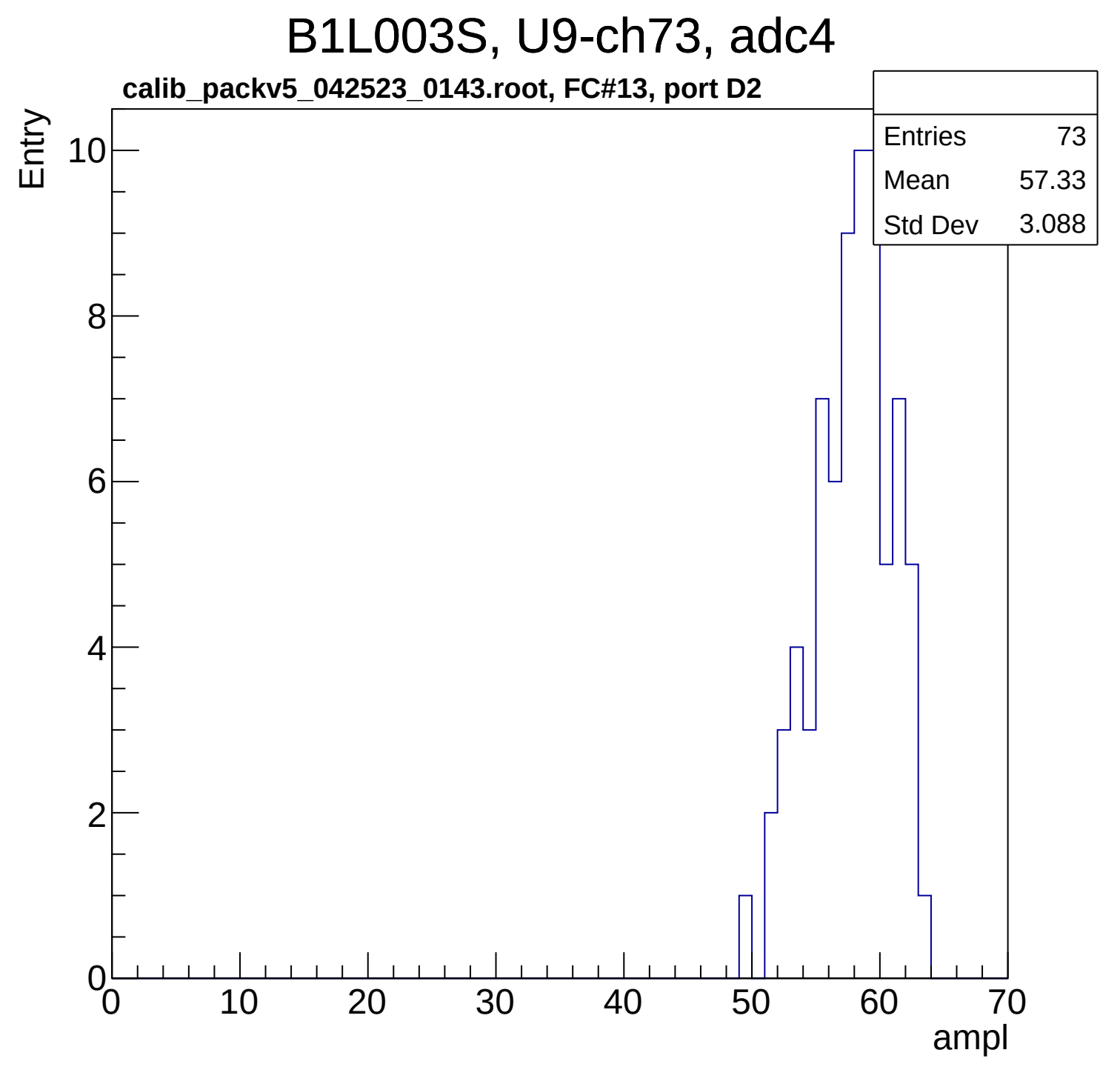
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

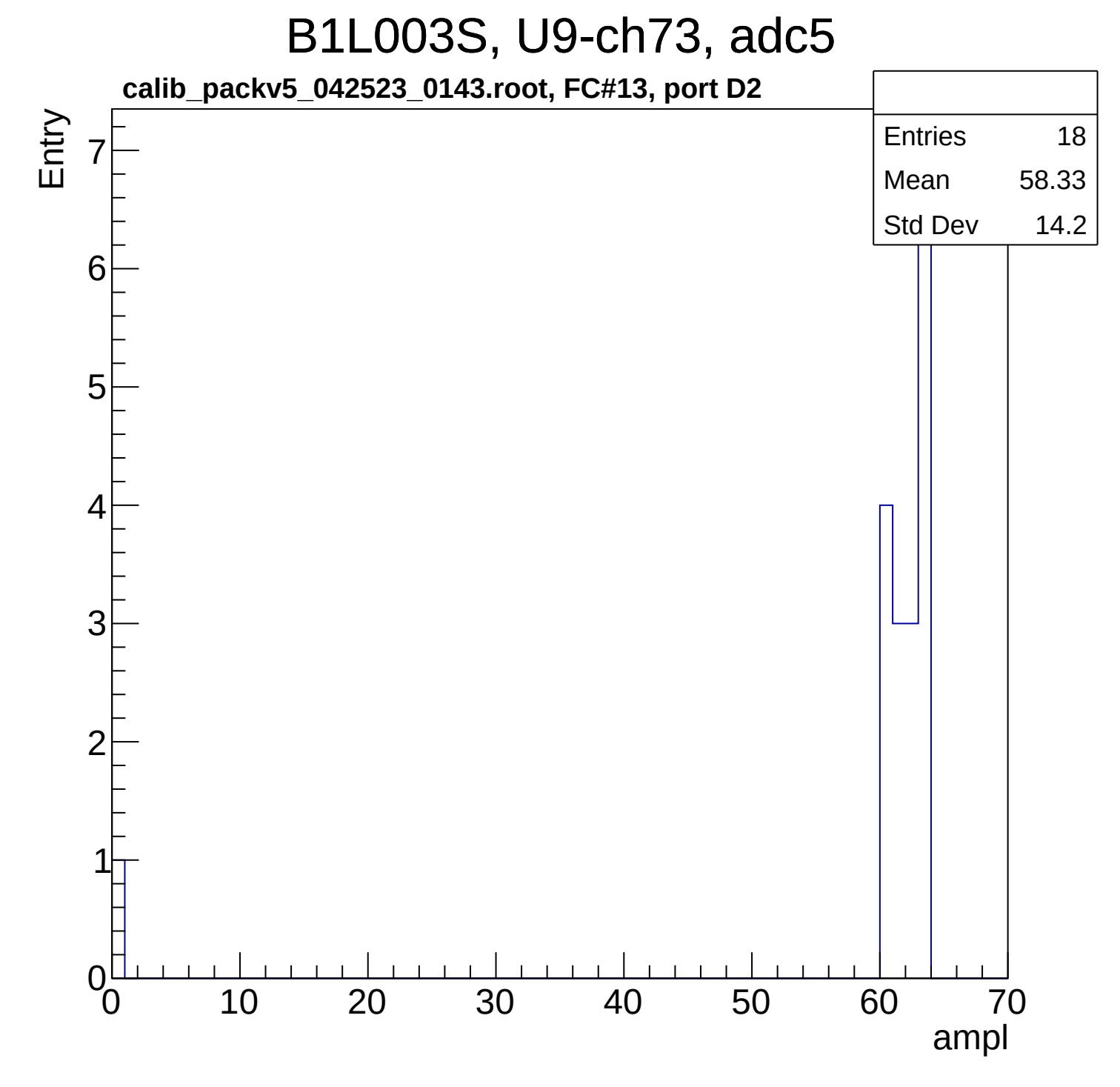

B1L003S, U9-ch73, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 30.54
Std Dev 3.852
Gaus mean : 31.0997
Gaus Width: 4.0137
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

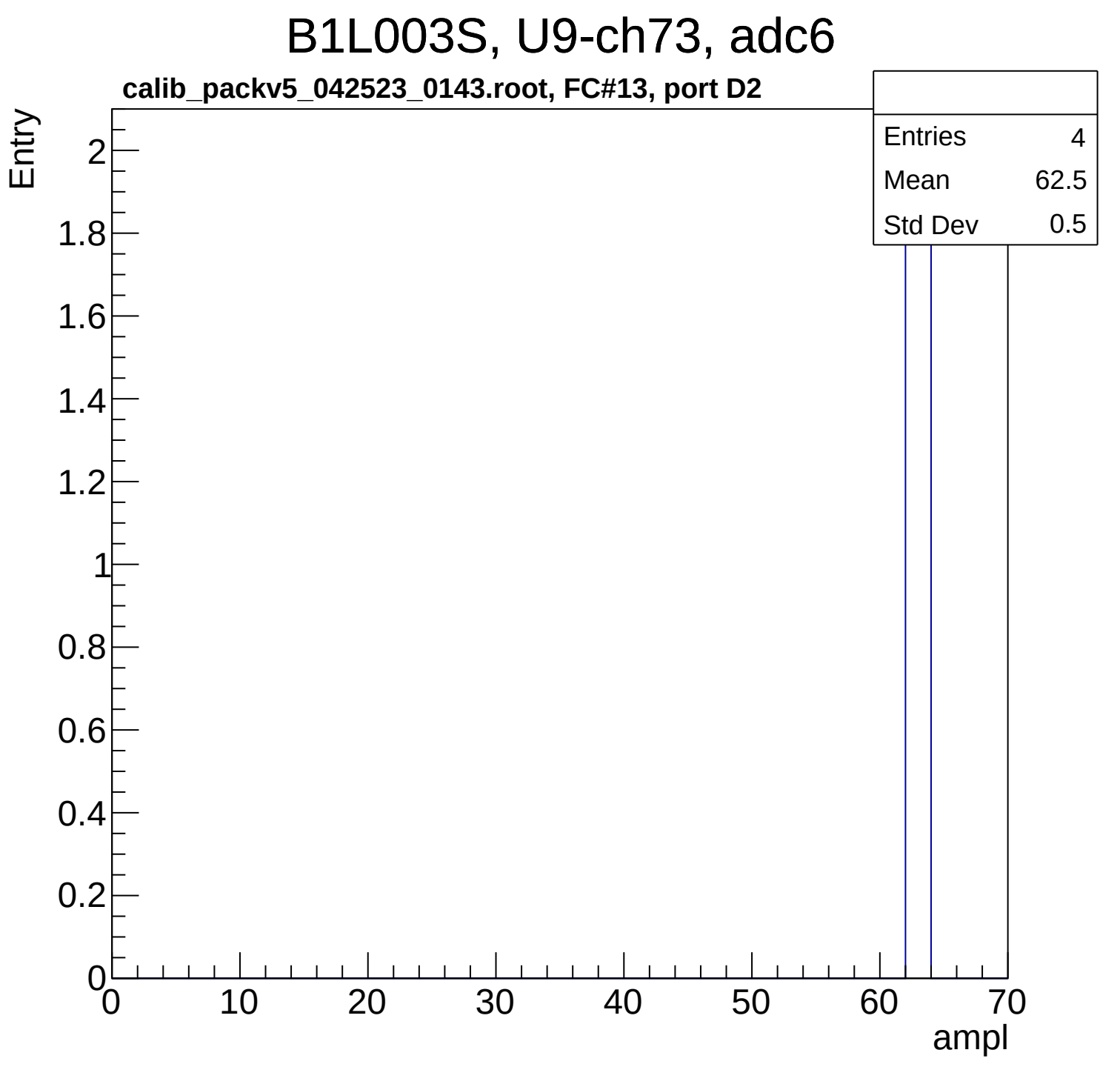

B1L003S, U9-ch73, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 38.54
Std Dev 4.034
Gaus mean : 38.4054
Gaus Width: 4.9406
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

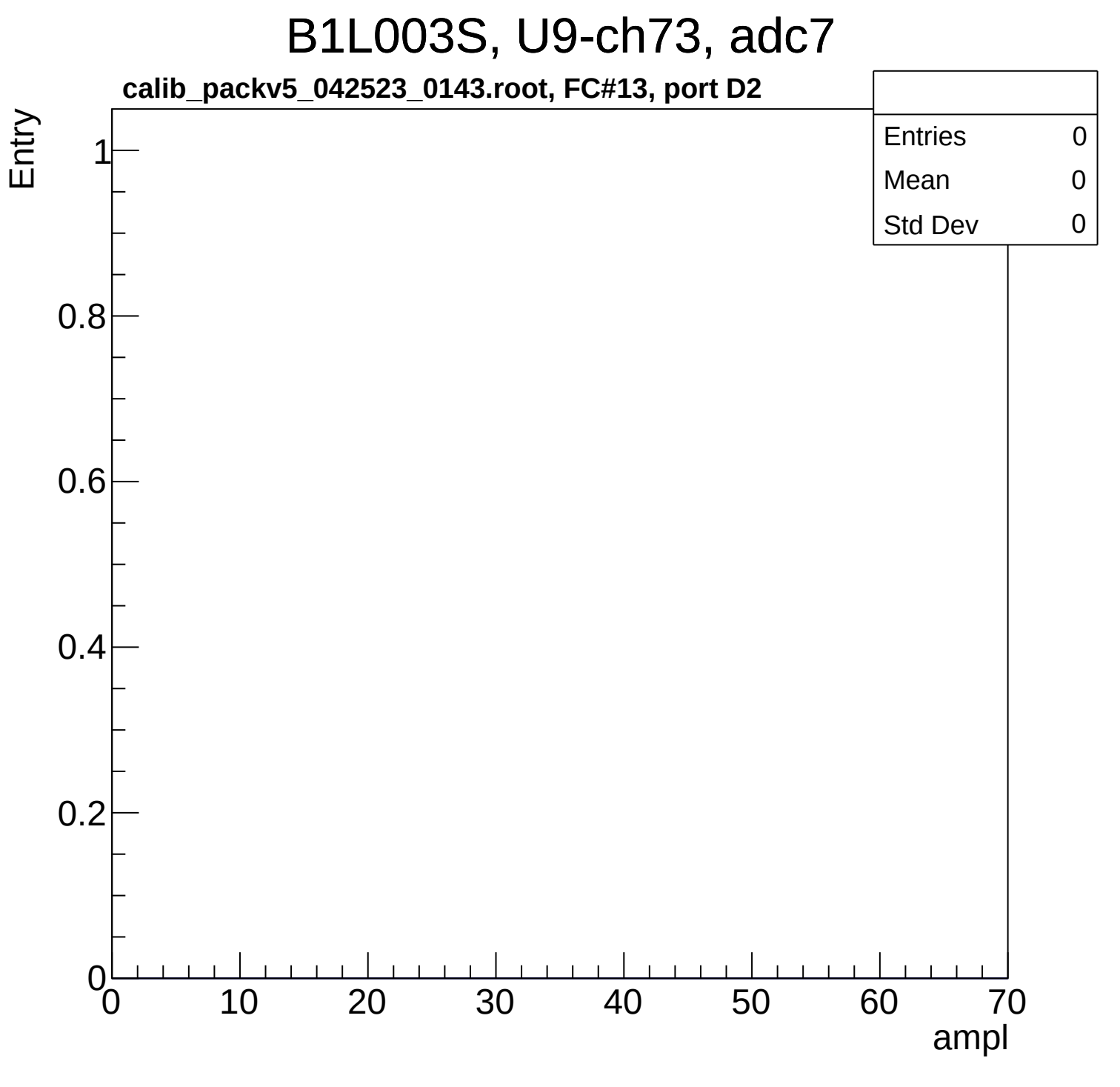

B1L003S, U9-ch73, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 44.48
Std Dev 3.602
Gaus mean : 45.4925
Gaus Width: 2.7933
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

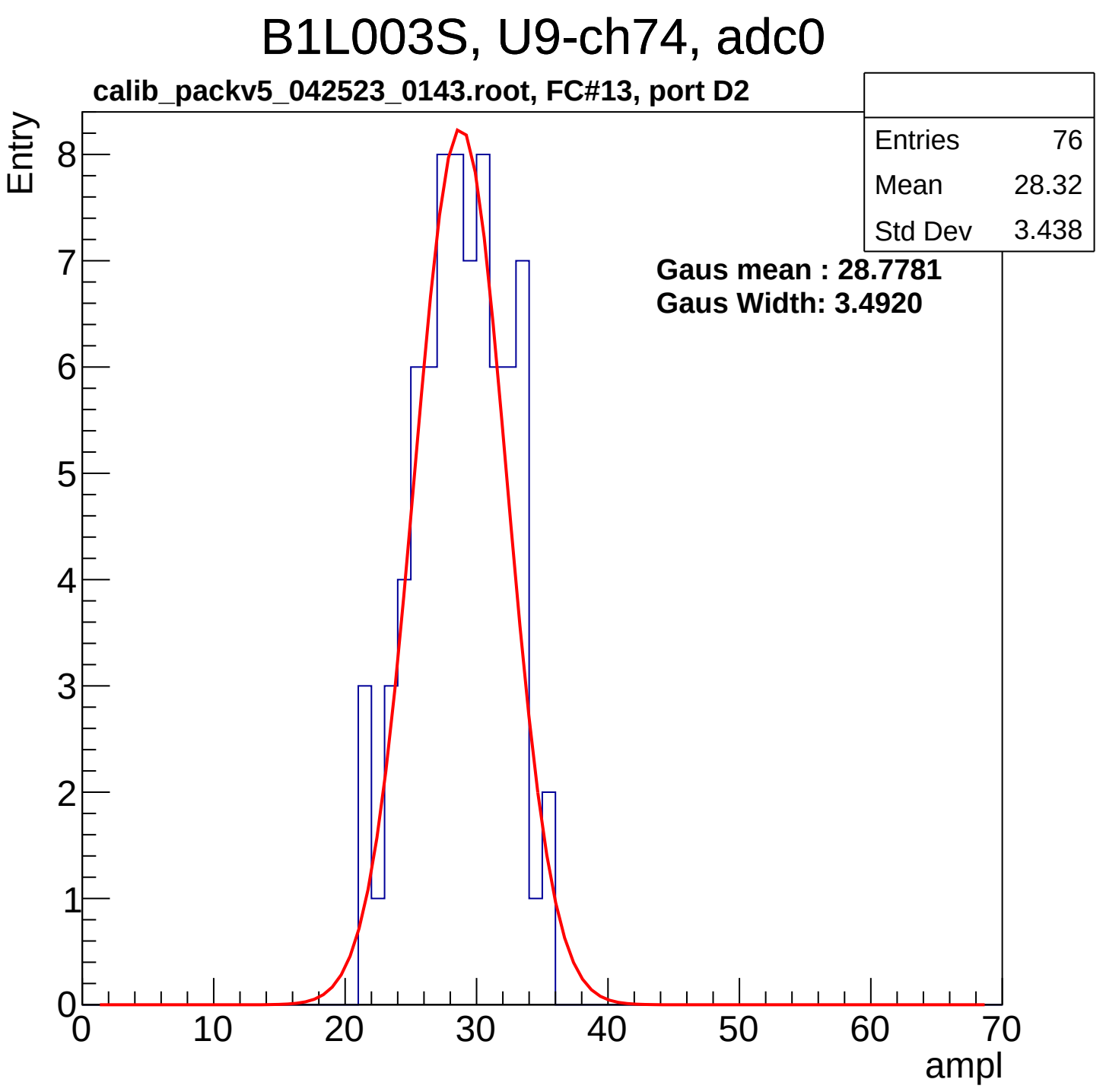

B1L003S, U9-ch73, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 51.03
Std Dev 3.285
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

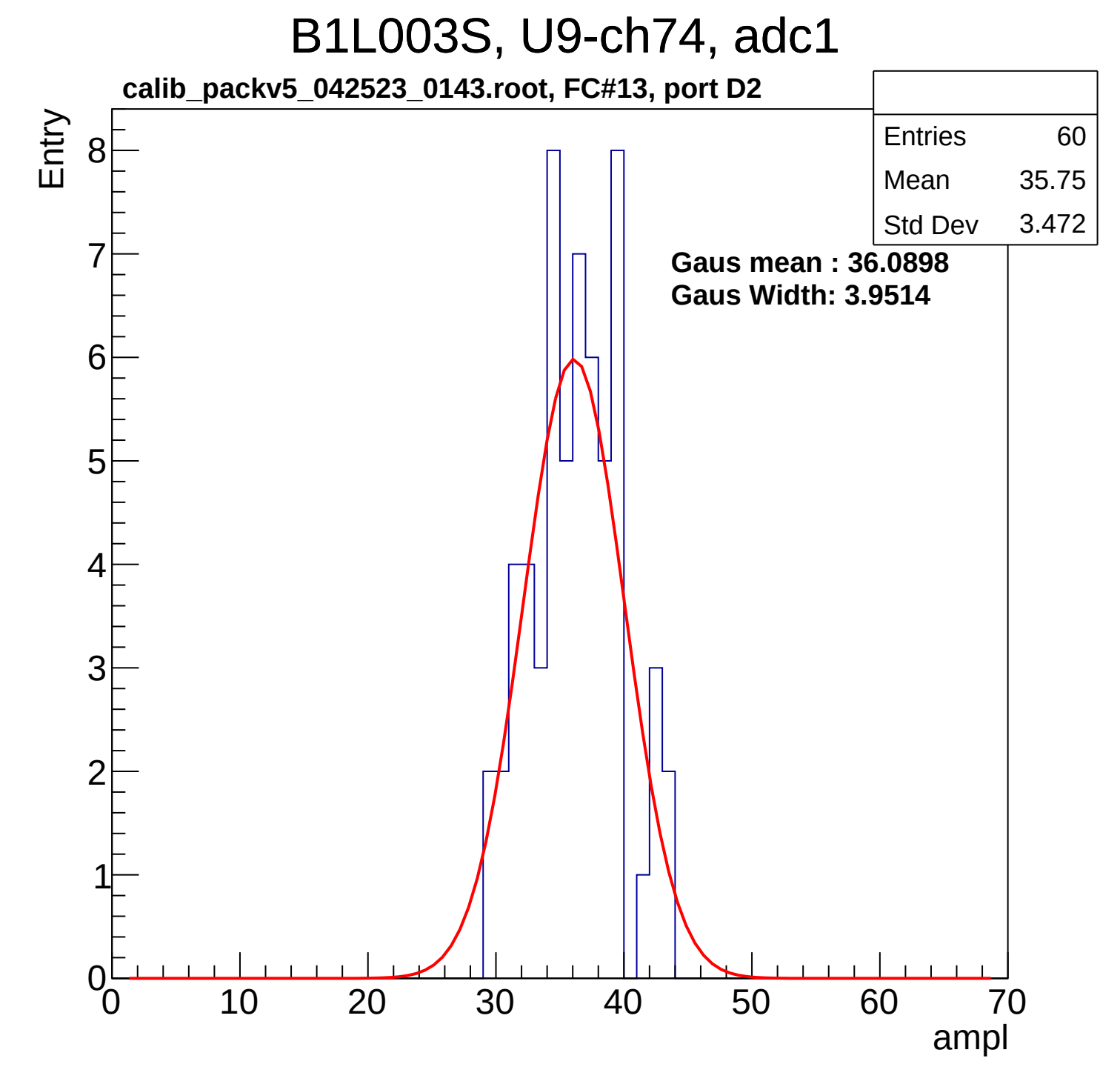

B1L003S, U9-ch73, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 57.33
Std Dev 3.088
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

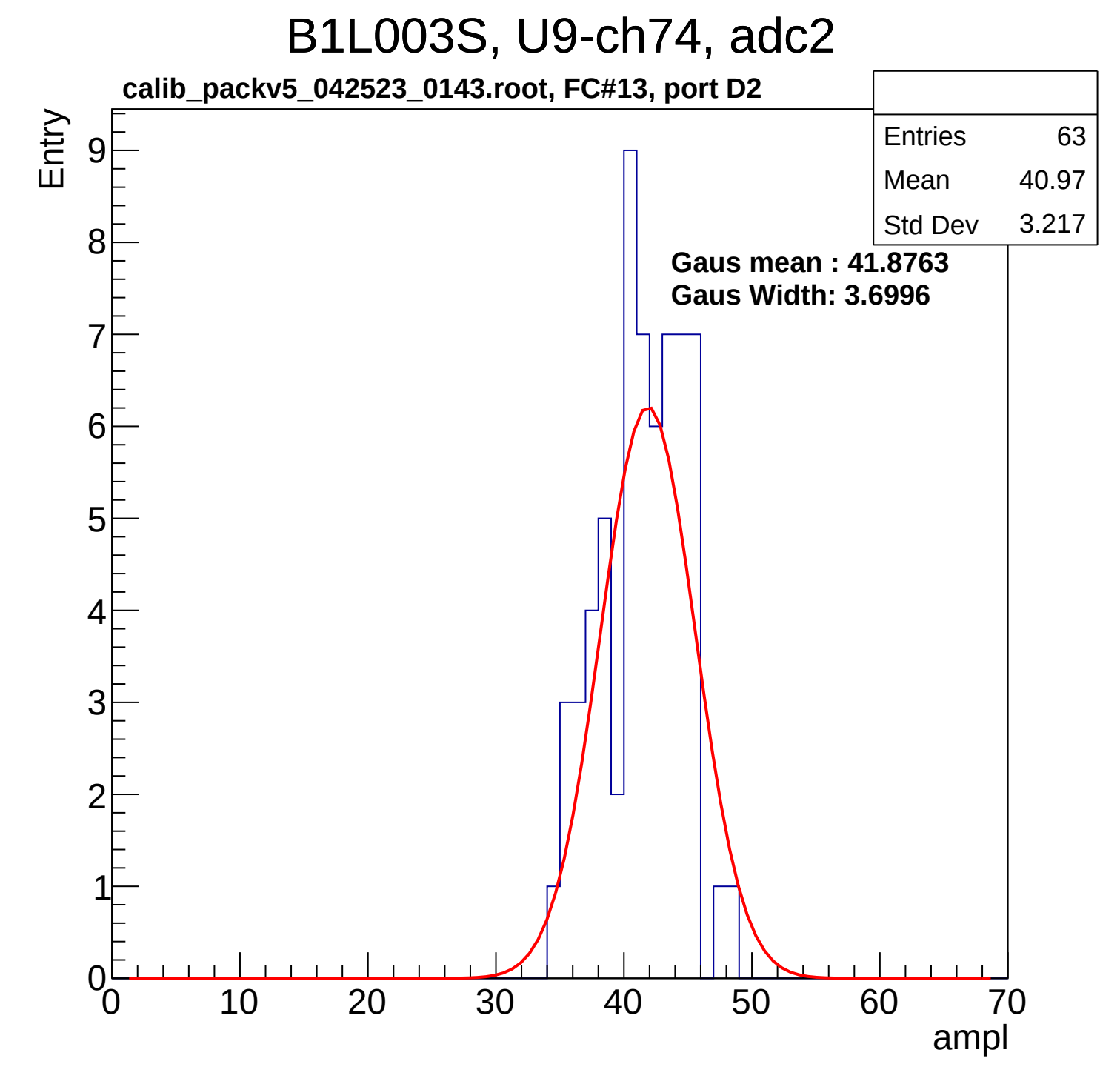

B1L003S, U9-ch73, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 18
Mean 58.33
Std Dev 14.2
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

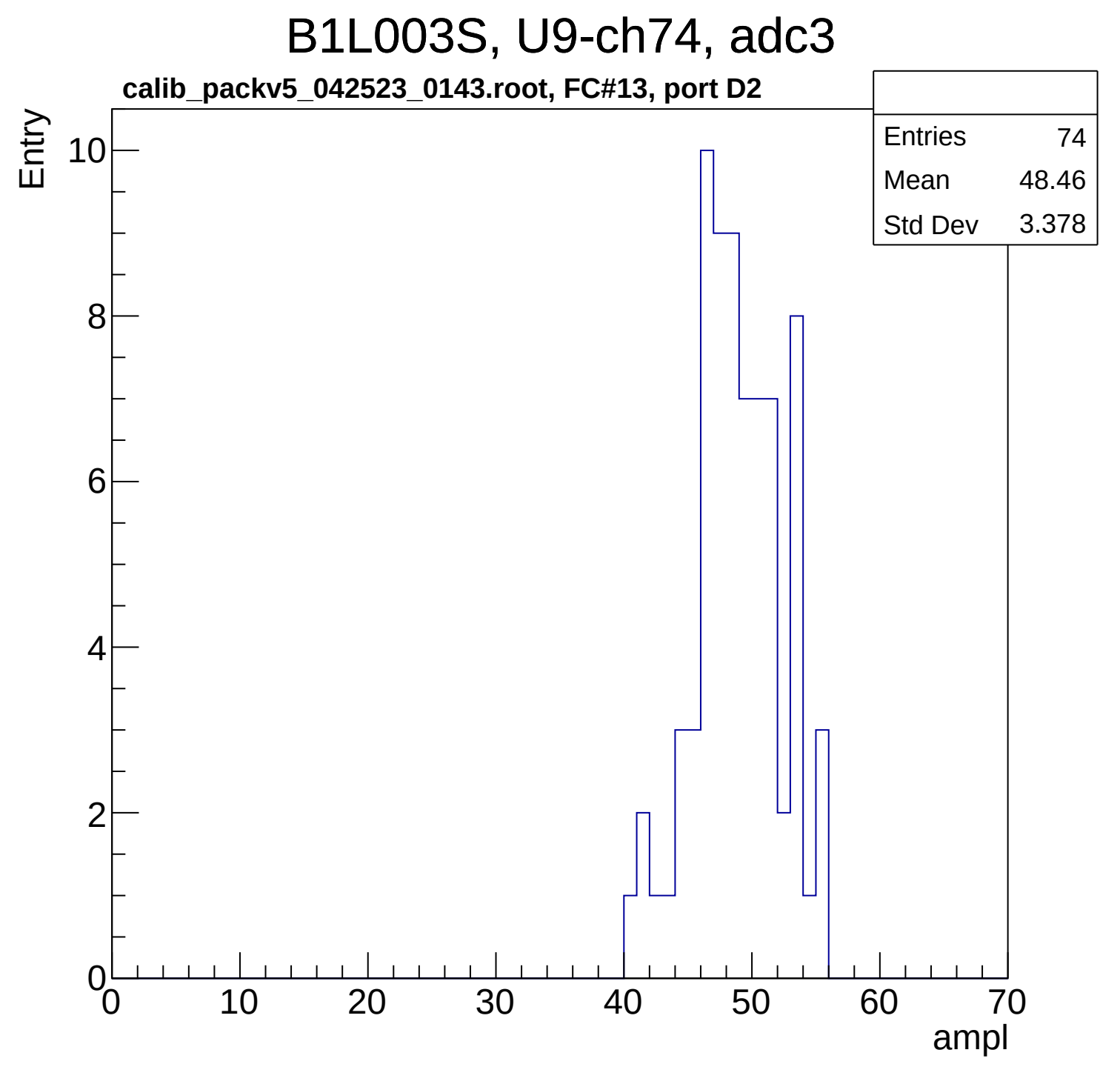

B1L003S, U9-ch73, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

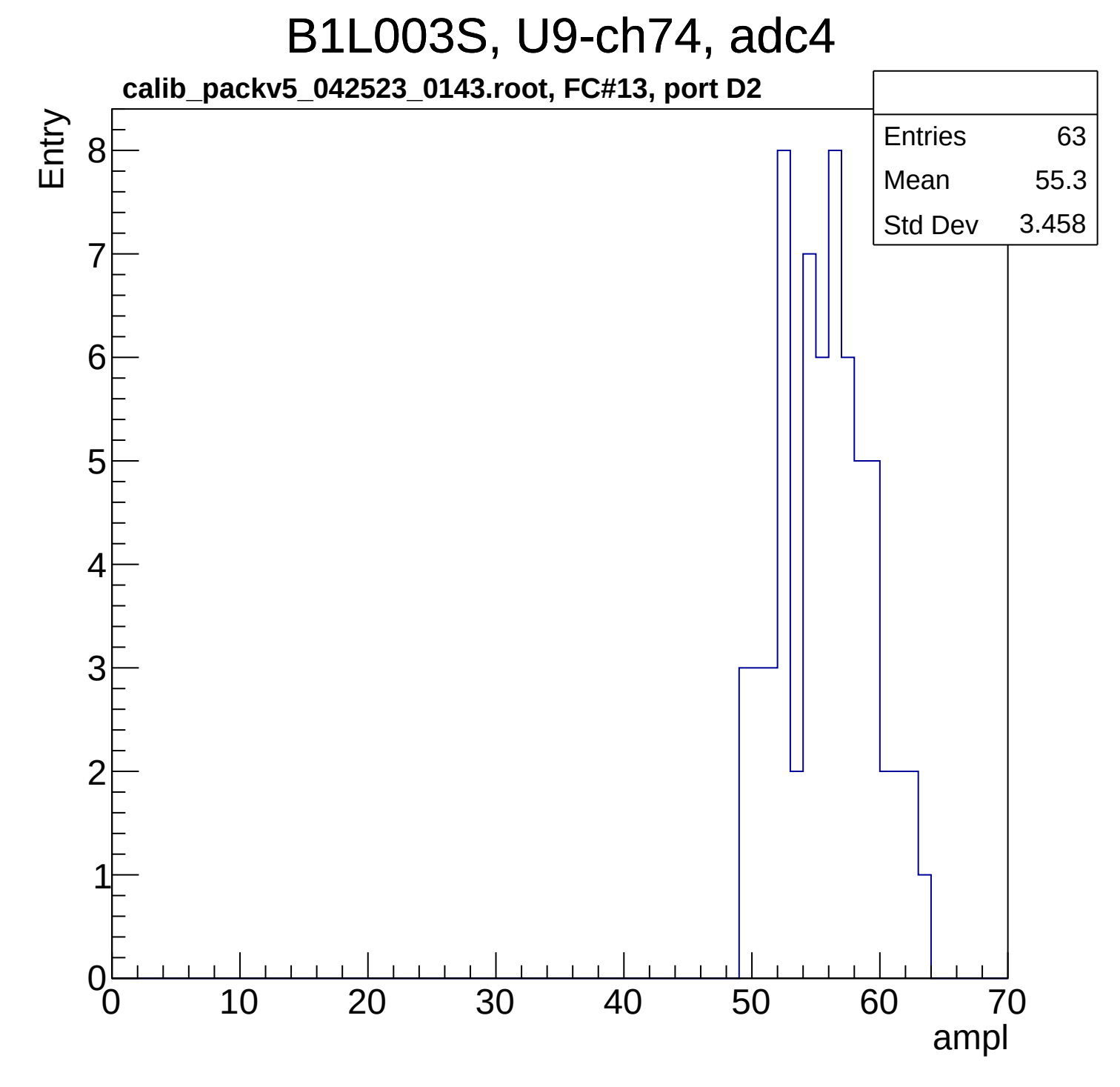

B1L003S, U9-ch73, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

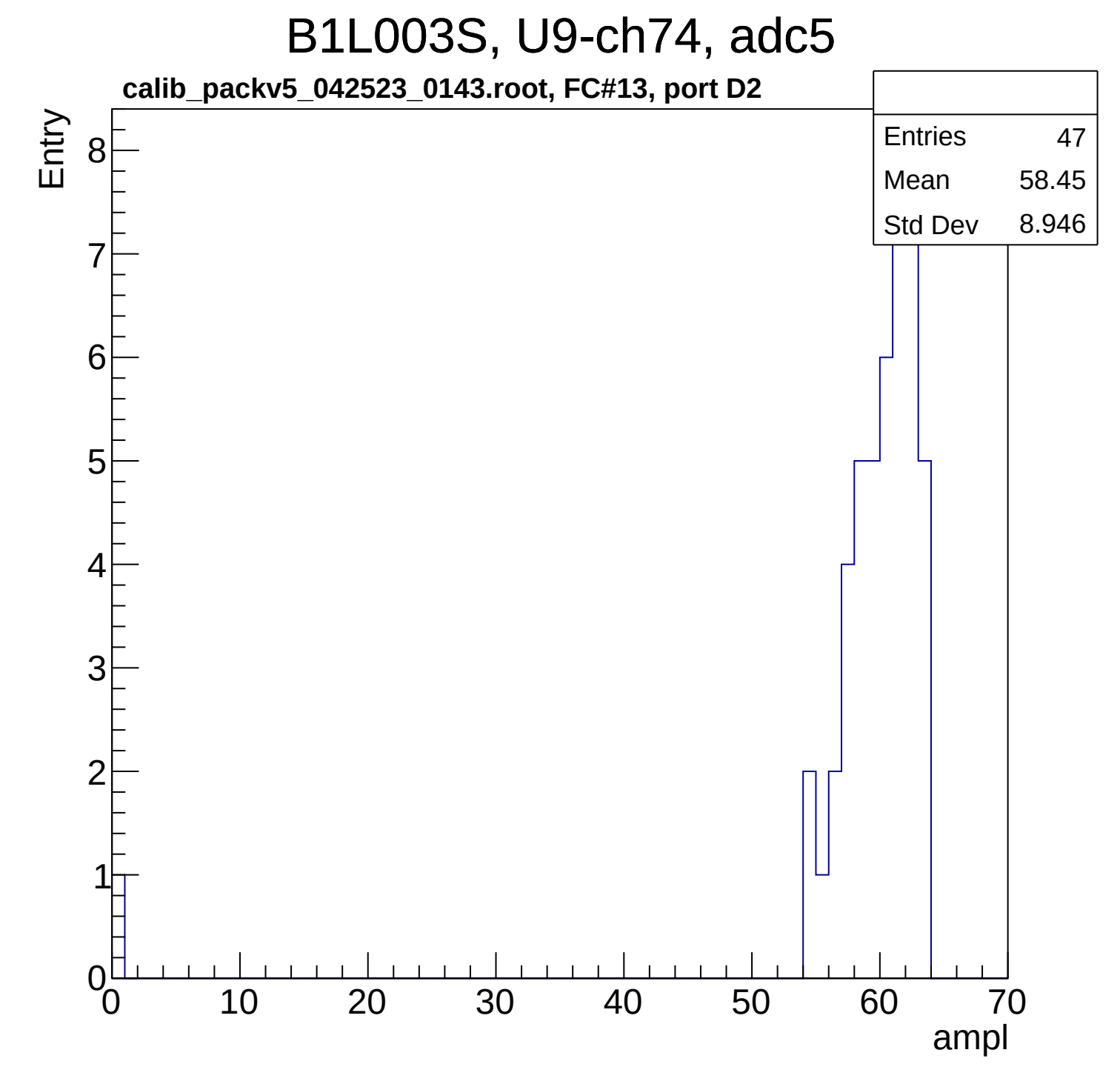

B1L003S, U9-ch74, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 28.32
Std Dev 3.438
Gaus mean : 28.7781
Gaus Width: 3.4920
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

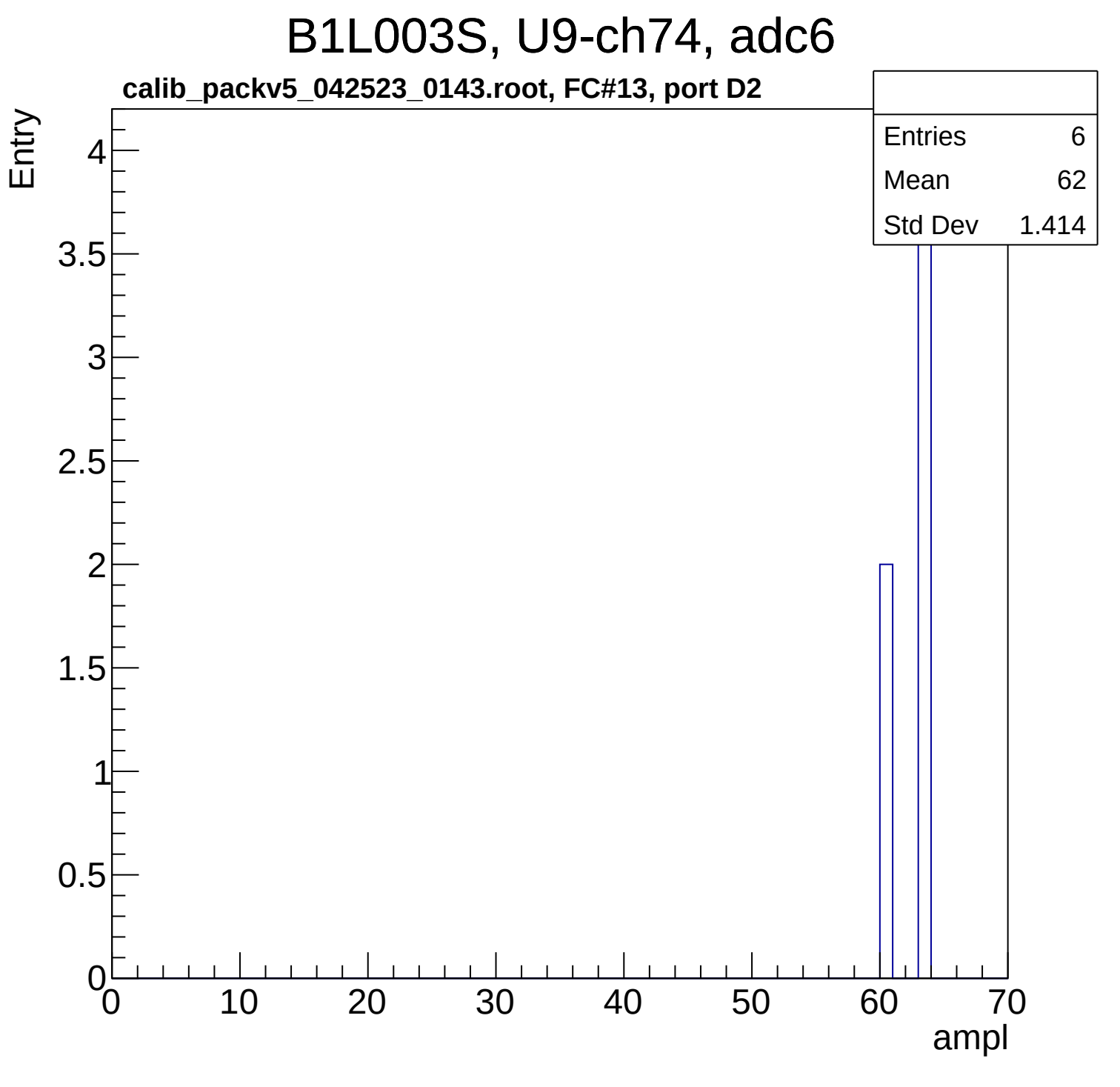

B1L003S, U9-ch74, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 35.75
Std Dev 3.472
Gaus mean : 36.0898
Gaus Width: 3.9514
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

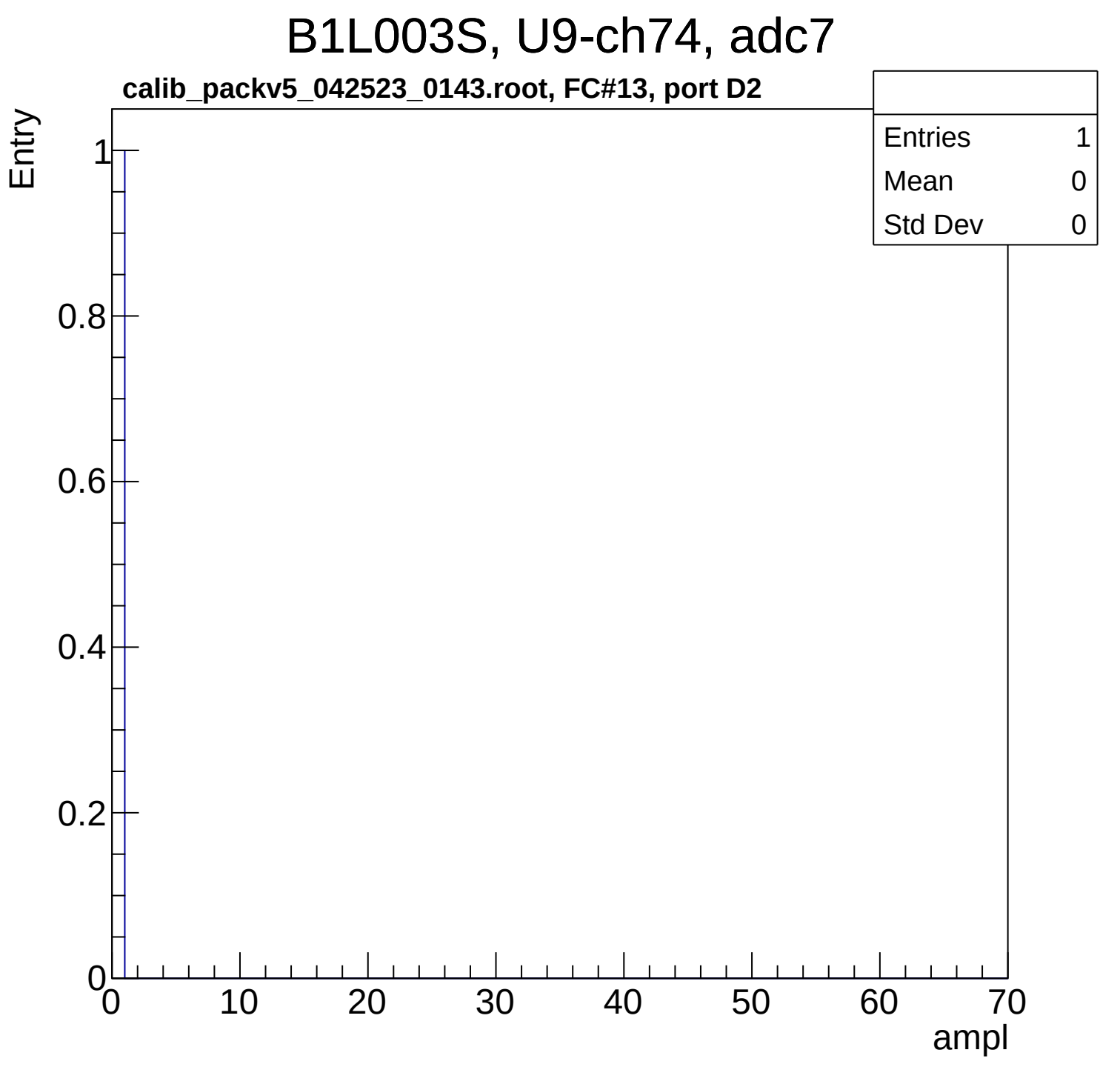

B1L003S, U9-ch74, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 40.97
Std Dev 3.217
Gaus mean : 41.8763
Gaus Width: 3.6996
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

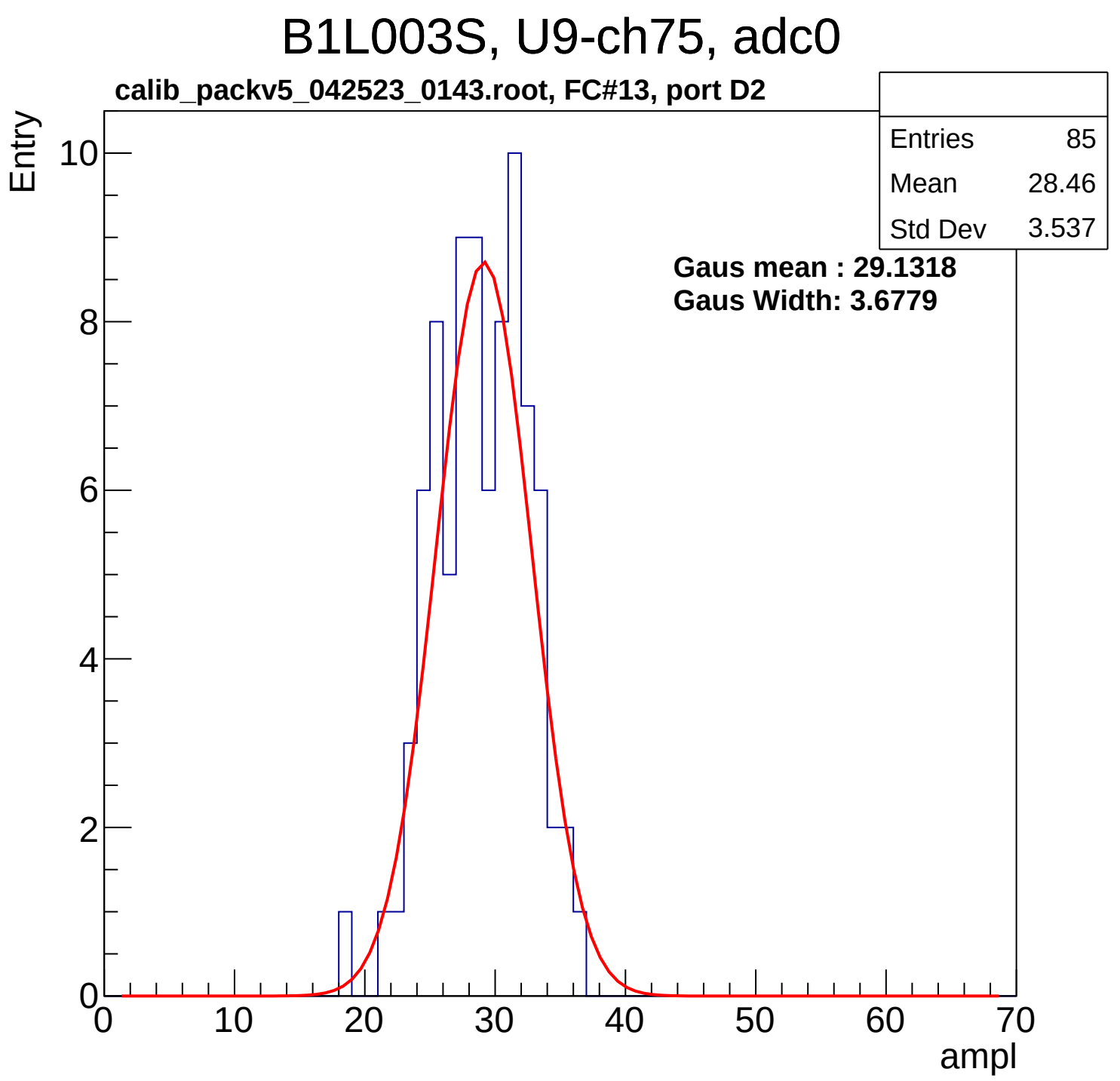

B1L003S, U9-ch74, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 48.46
Std Dev 3.378
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

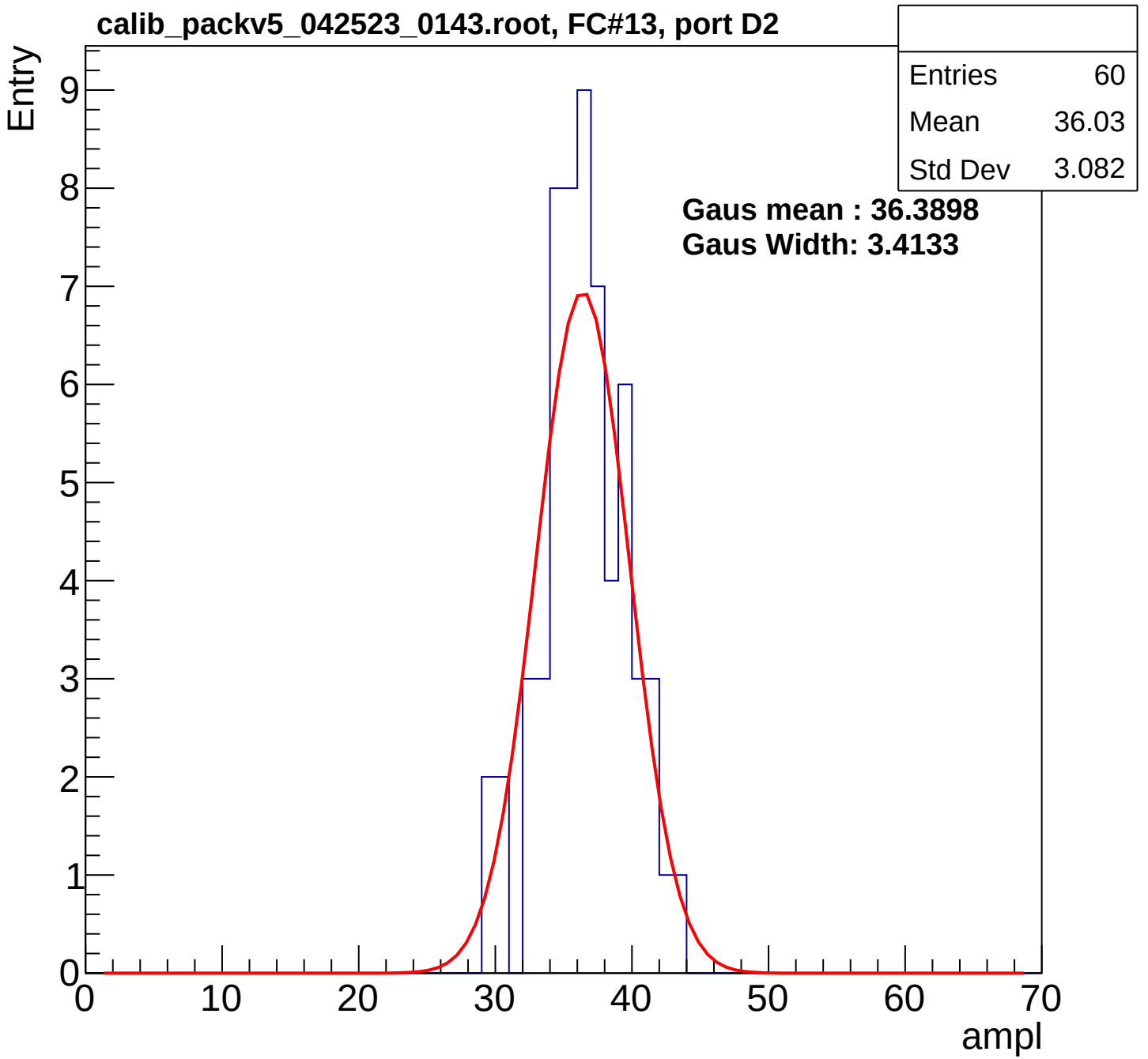

B1L003S, U9-ch74, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 55.3
Std Dev 3.458
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

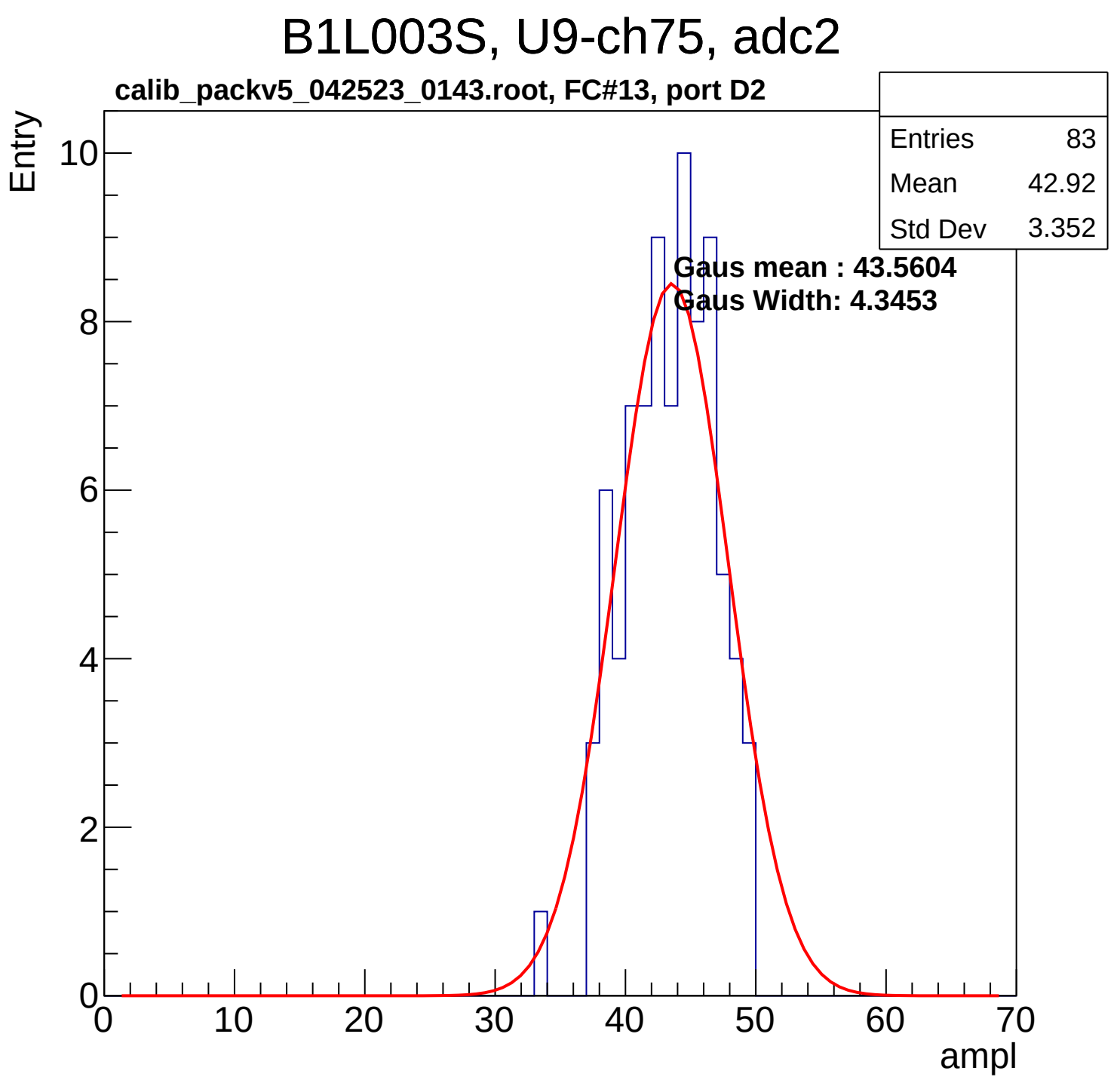

B1L003S, U9-ch74, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.45
Std Dev 8.946
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

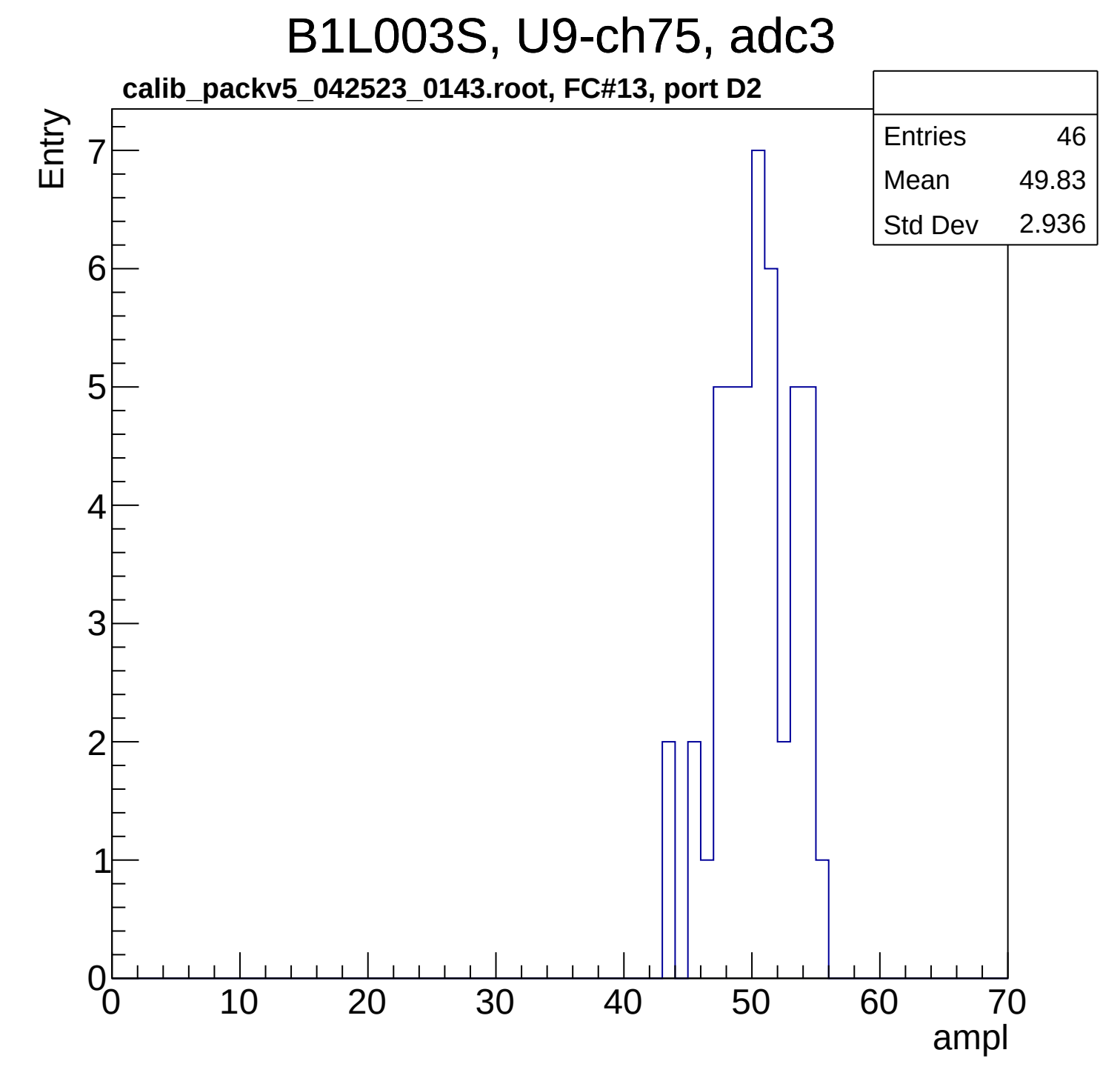

B1L003S, U9-ch74, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 62
Std Dev 1.414
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

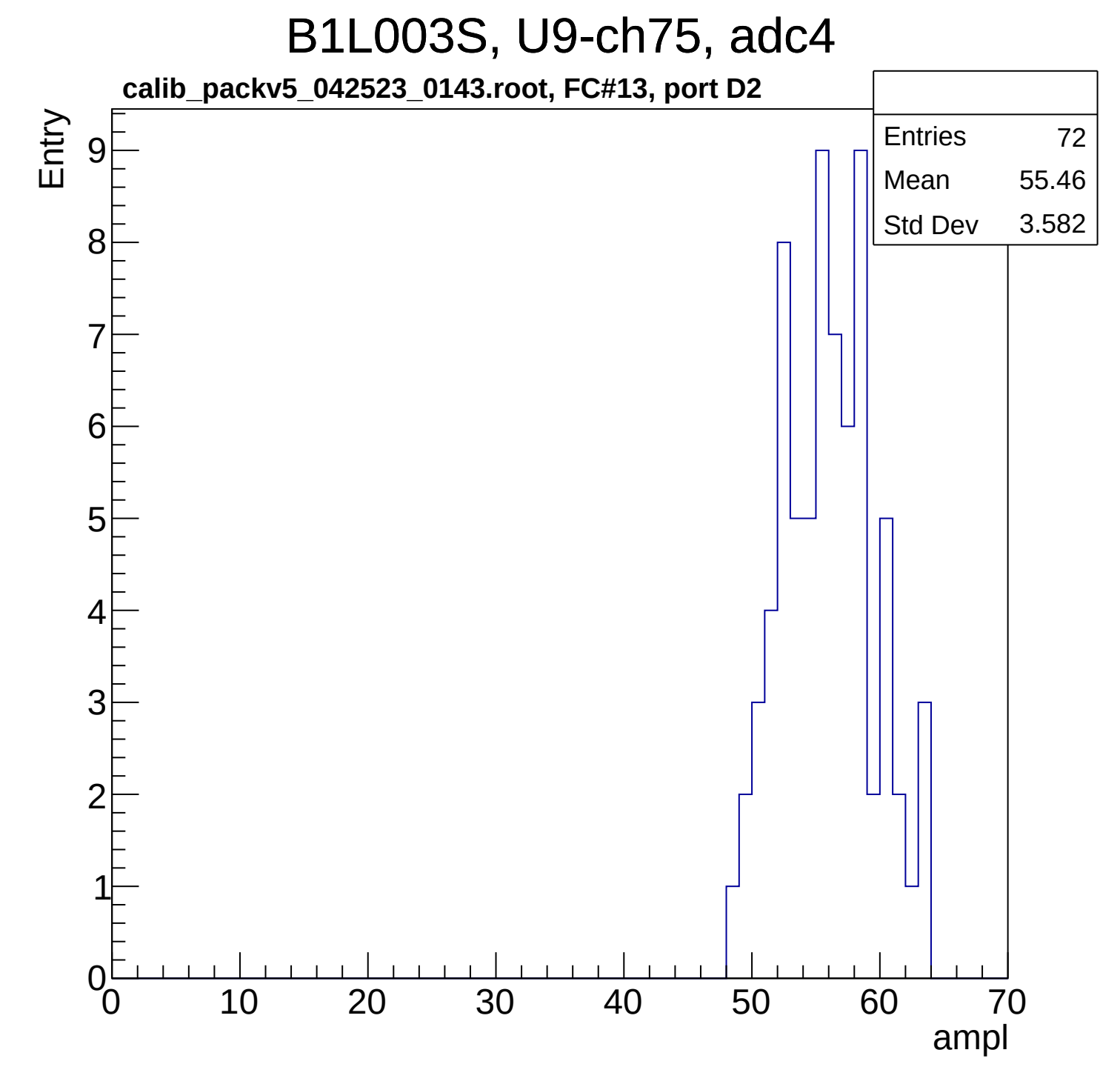

B1L003S, U9-ch74, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch75, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 28.46
Std Dev 3.537
Gaus mean : 29.1318
Gaus Width: 3.6779
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch75, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 36.03
Std Dev 3.082
Gaus mean : 36.3898
Gaus Width: 3.4133
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch75, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 42.92
Std Dev 3.352
Gaus mean : 43.5604
Gaus Width: 4.3453
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch75, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 49.83
Std Dev 2.936
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch75, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 55.46
Std Dev 3.582
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
50
60
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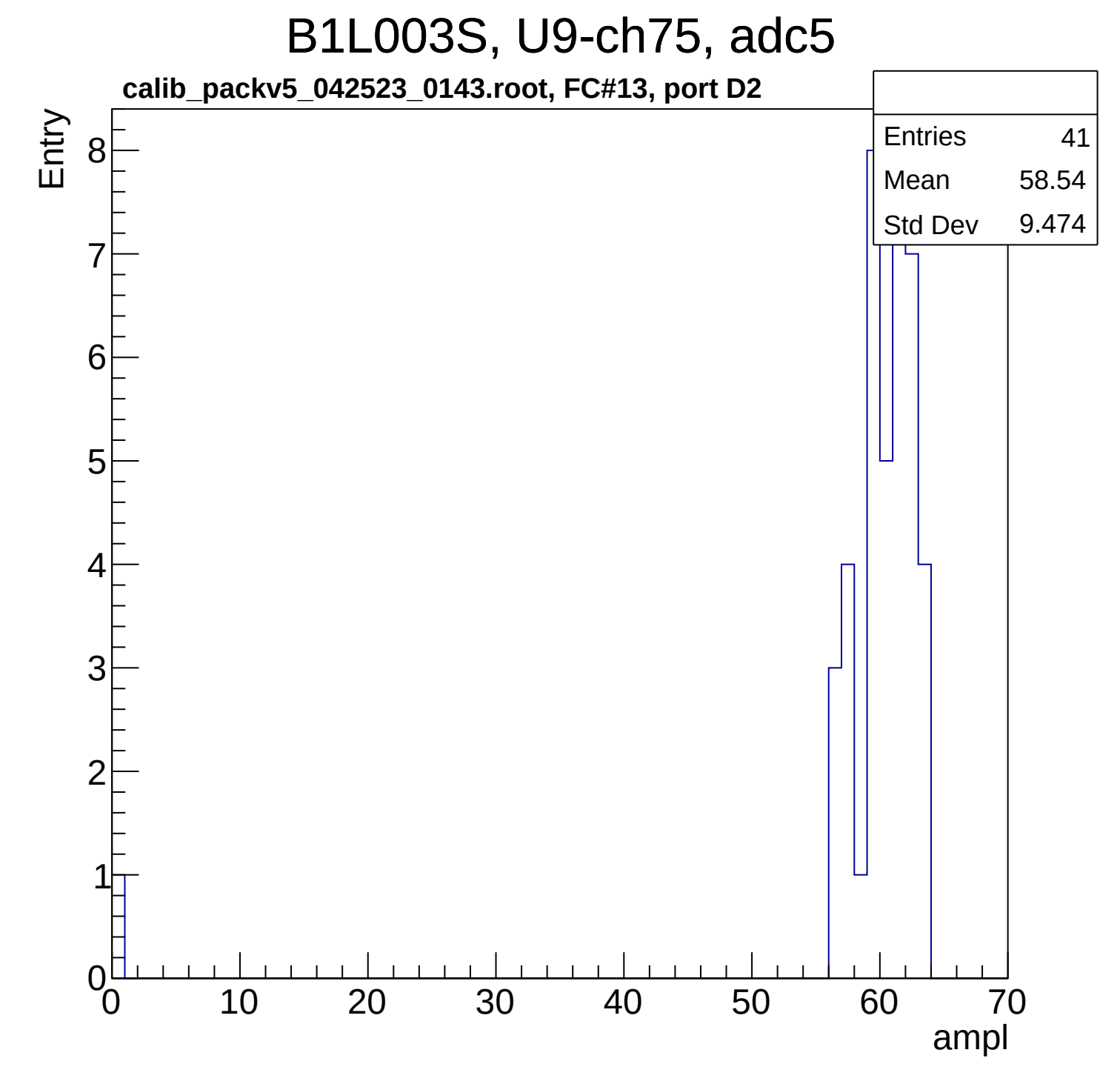
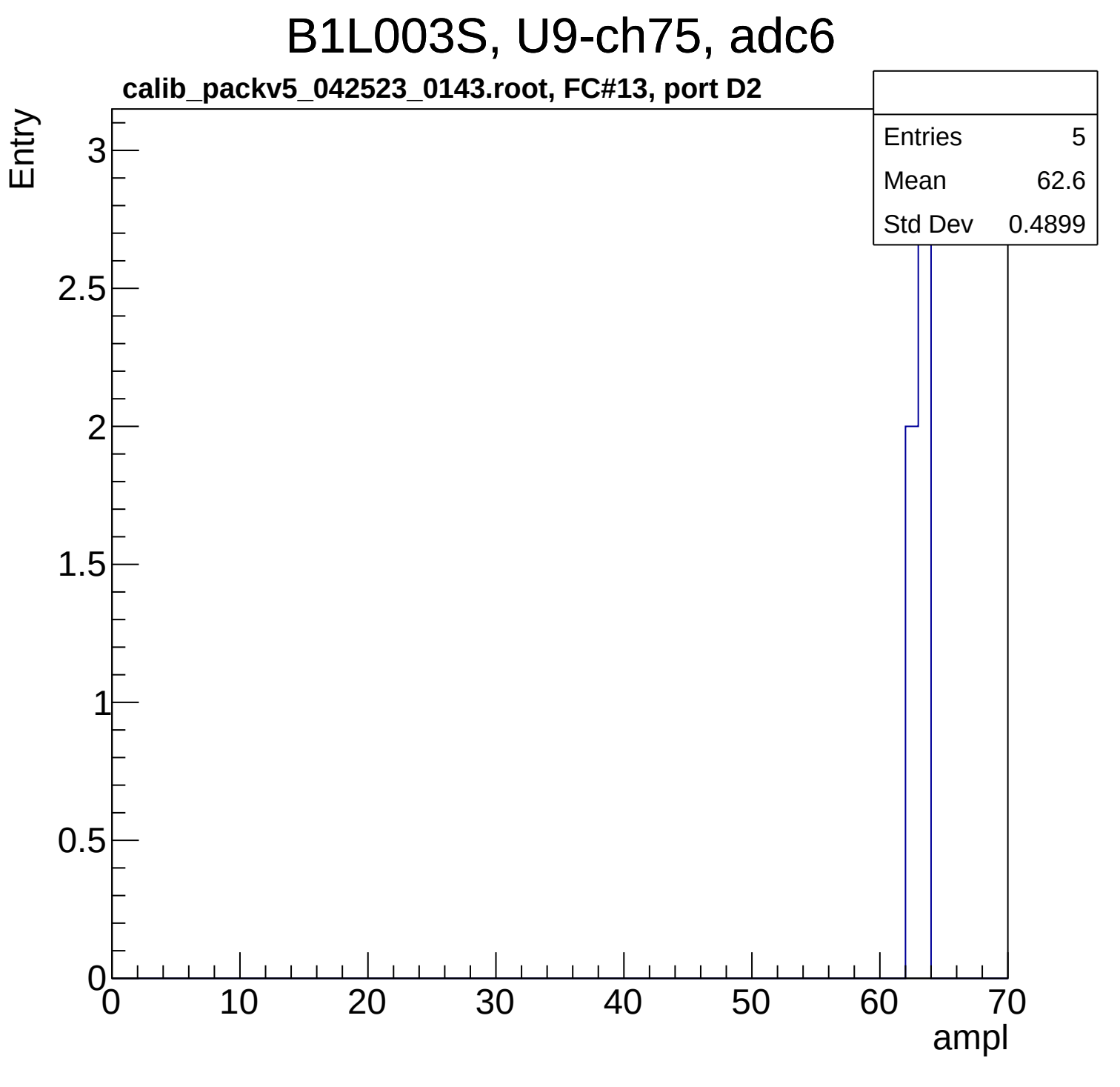
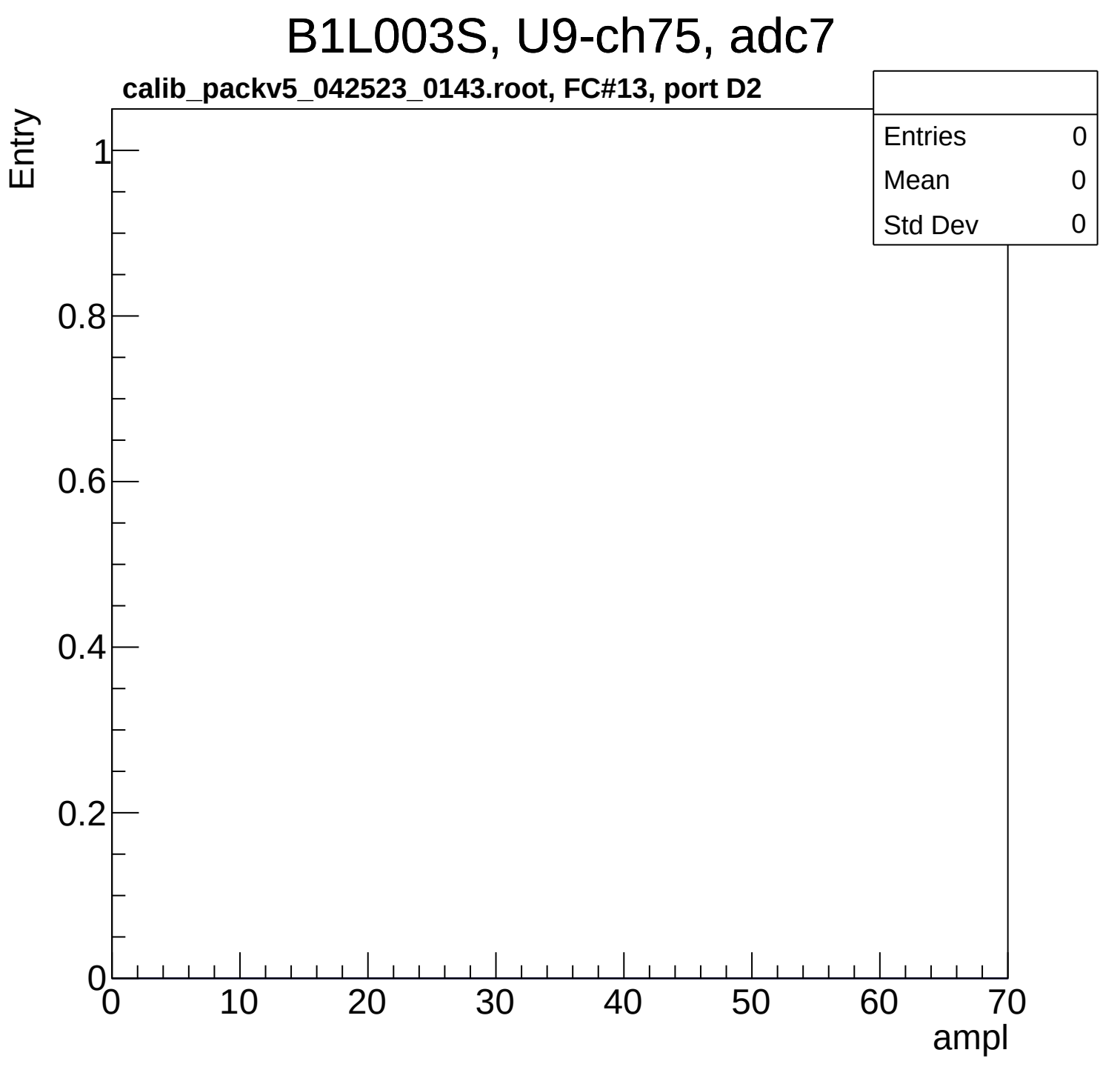
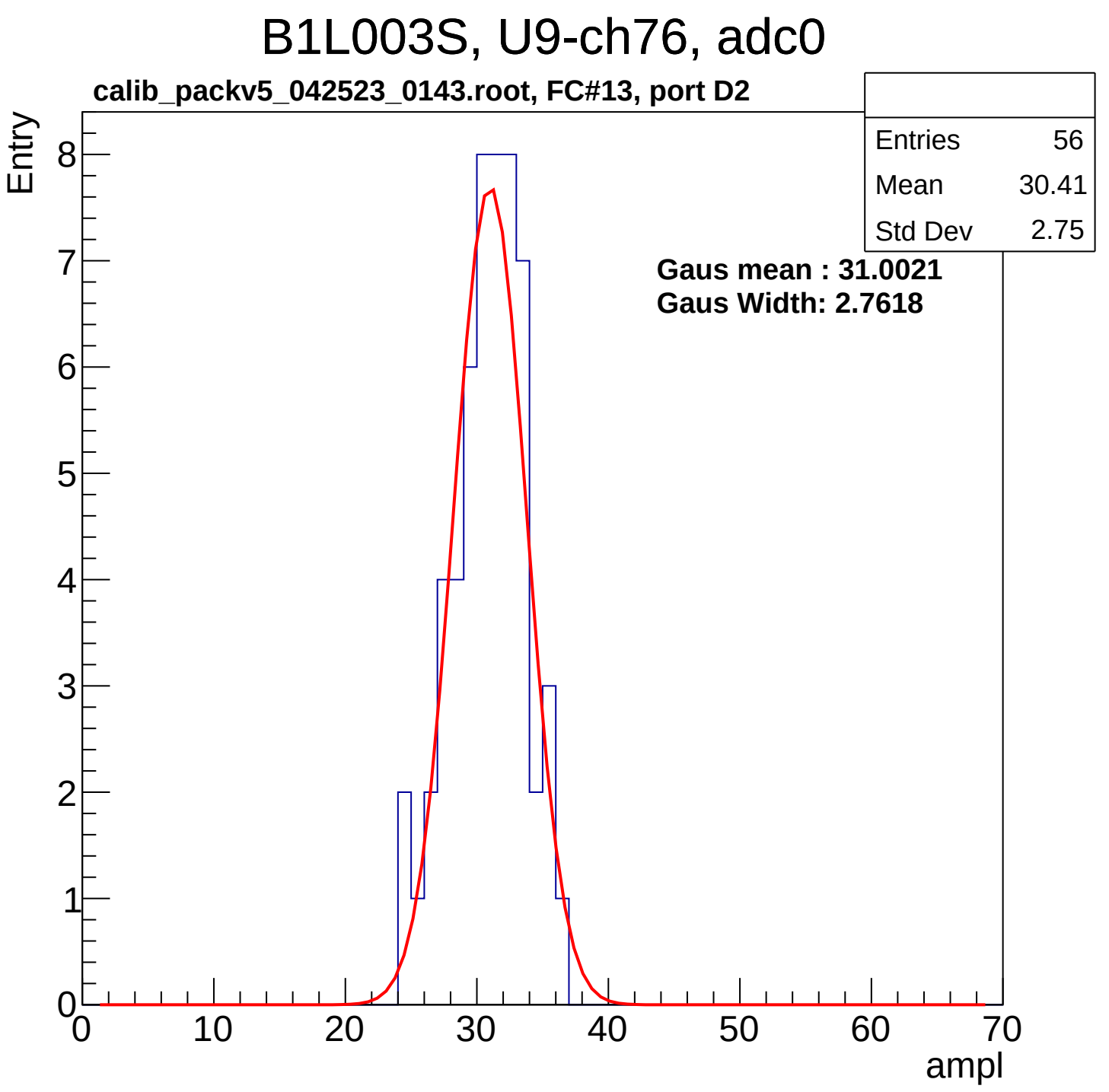
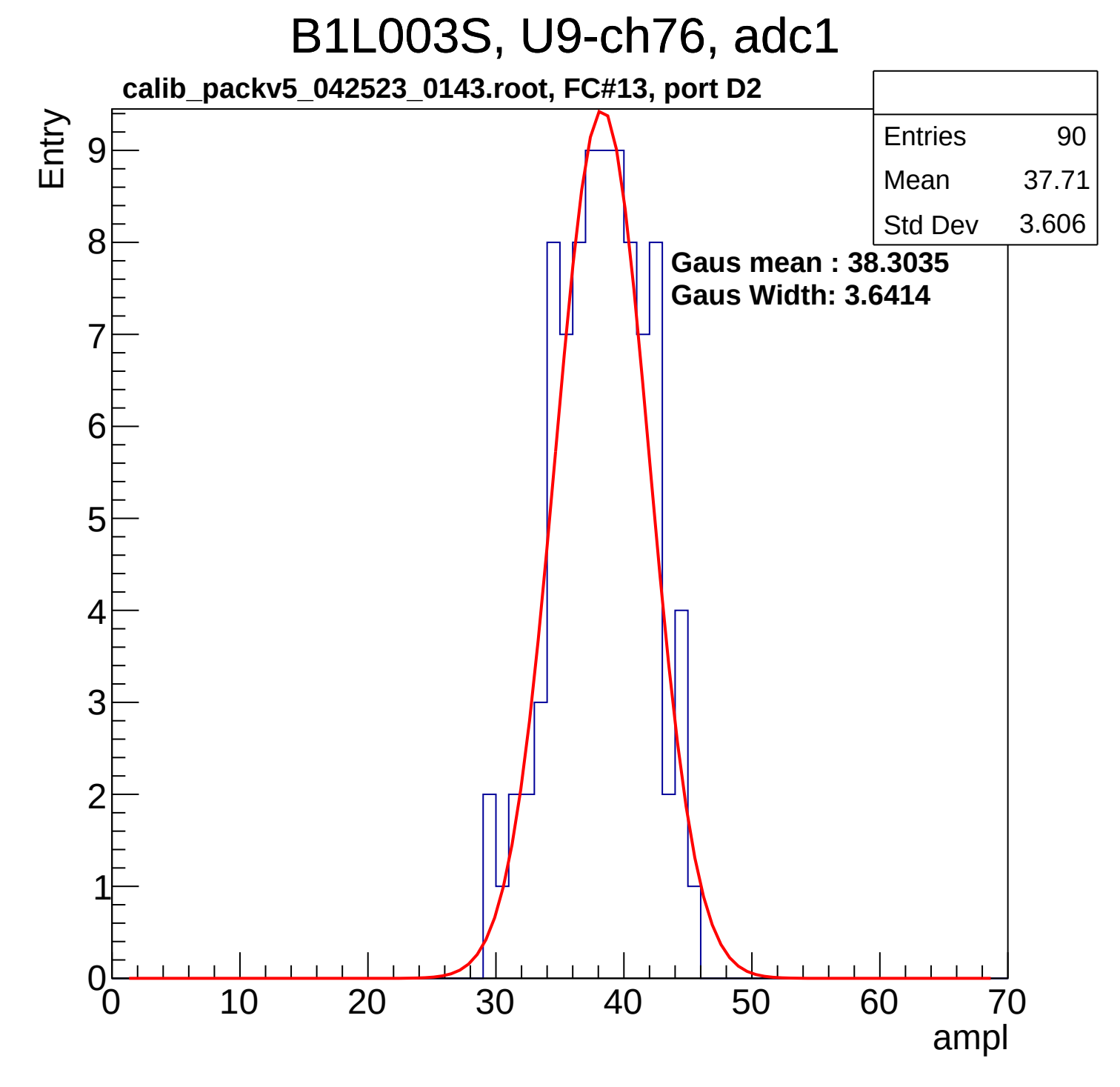
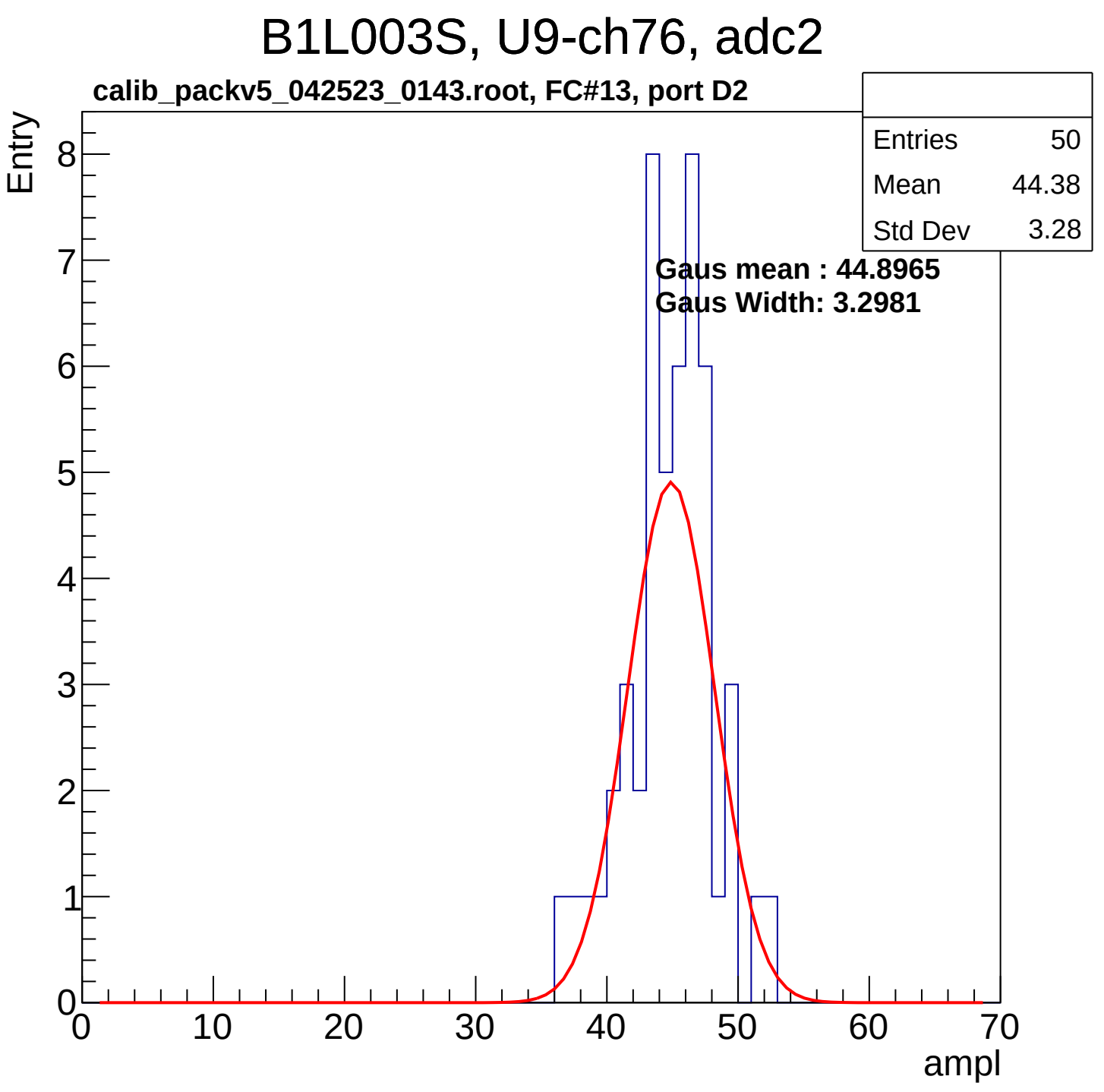

B1L003S, U9-ch75, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 58.54
Std Dev 9.474
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

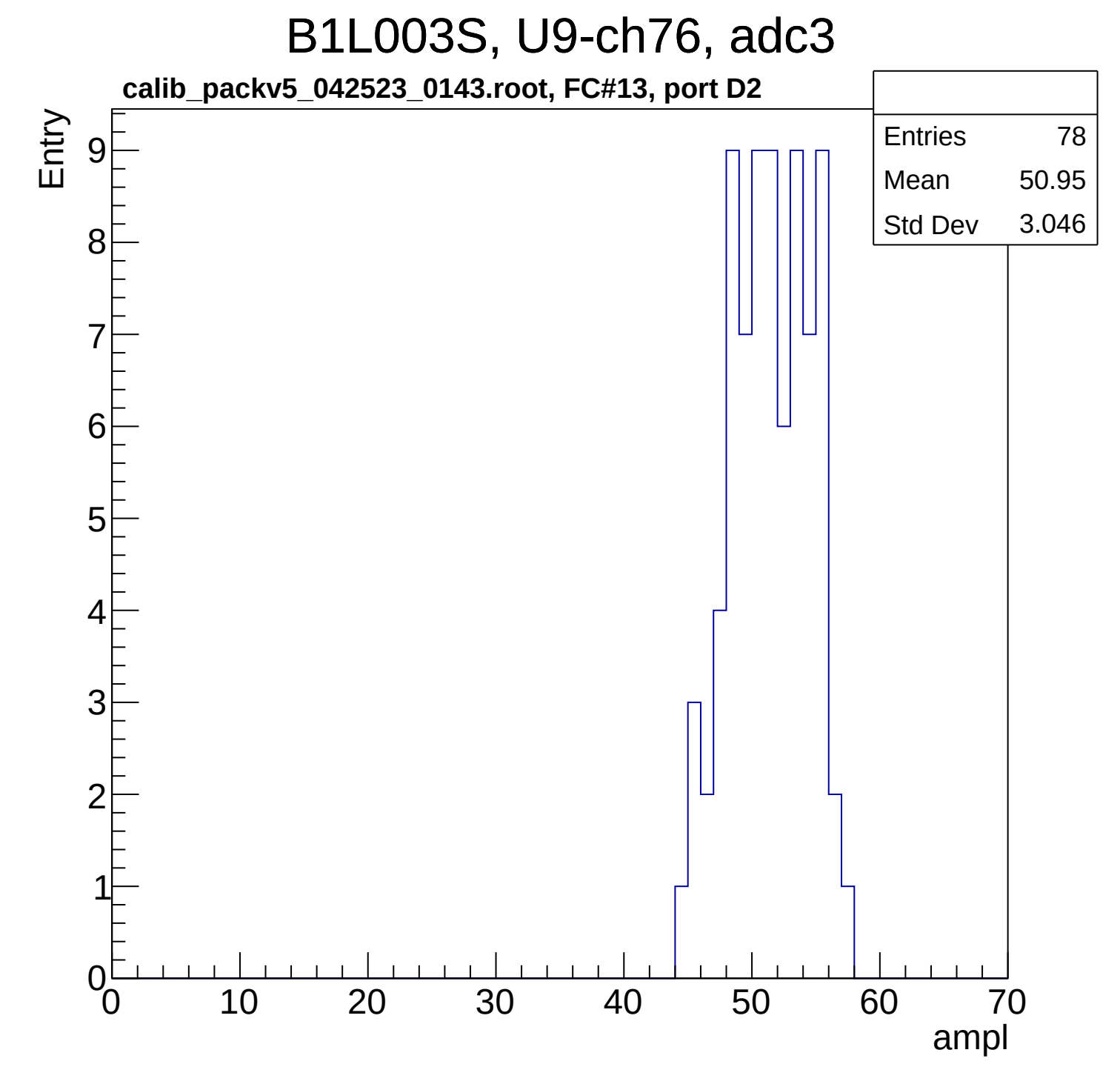

B1L003S, U9-ch75, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

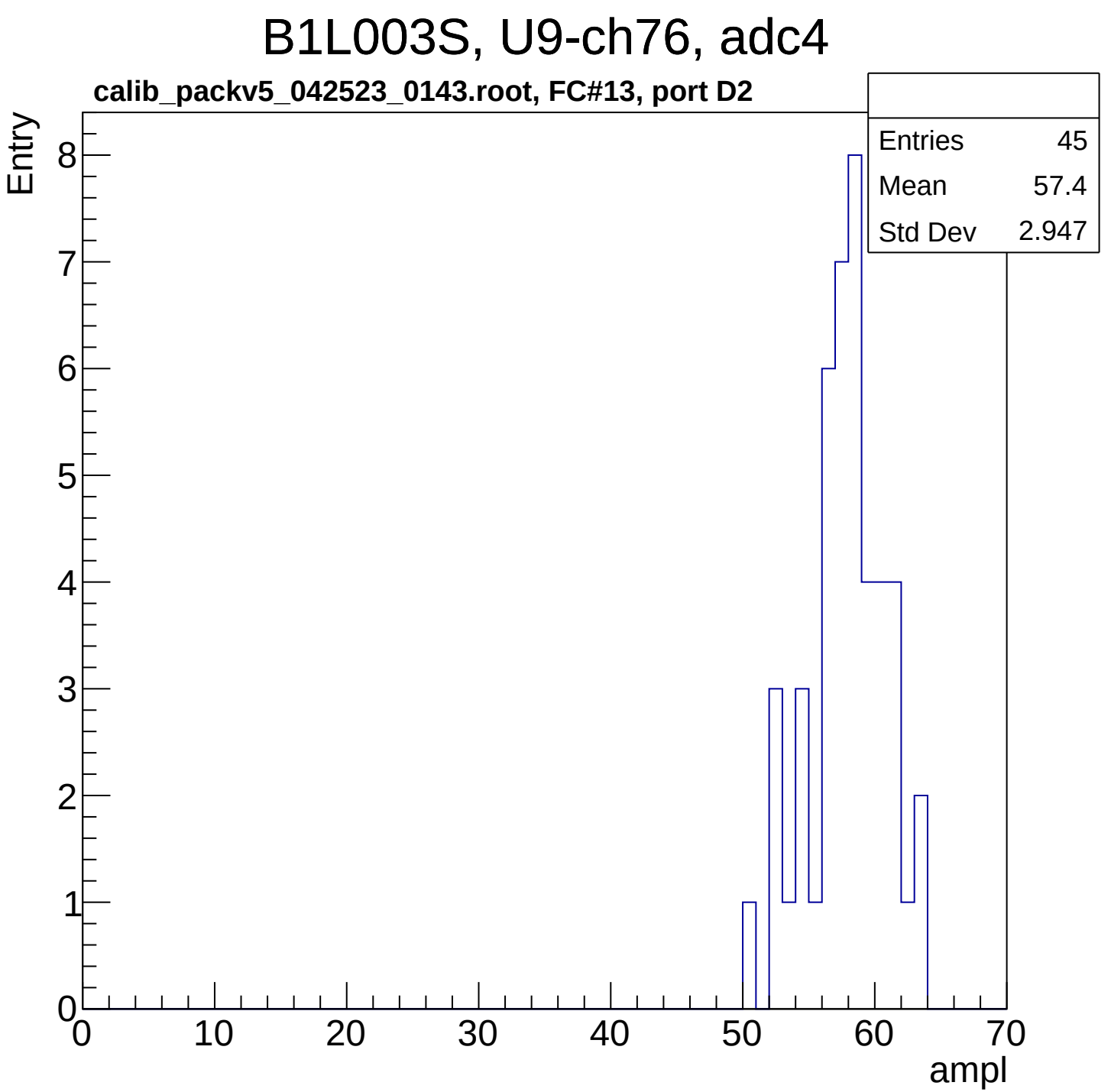

B1L003S, U9-ch75, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

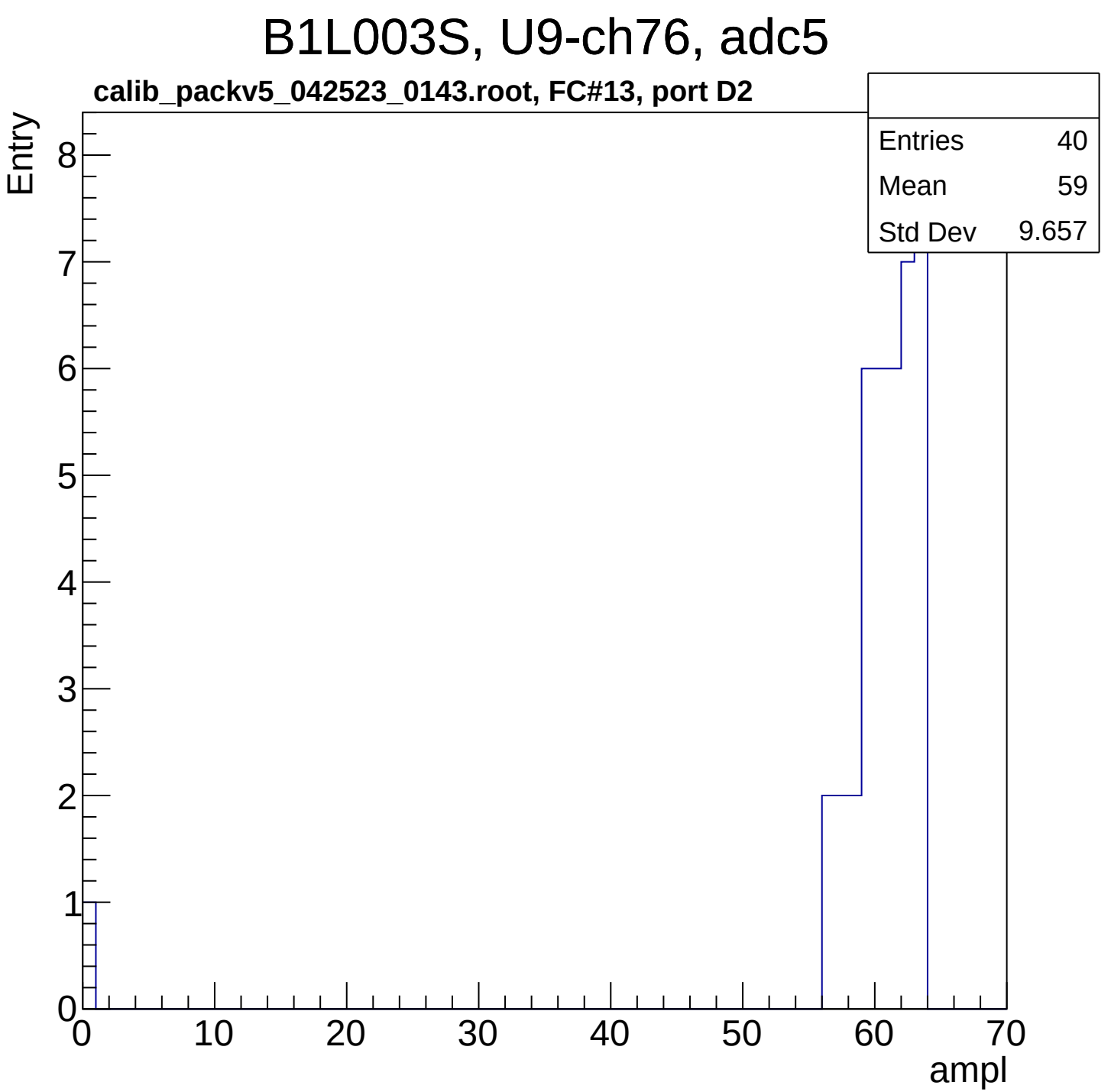

B1L003S, U9-ch76, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 30.41
Std Dev 2.75
Gaus mean : 31.0021
Gaus Width: 2.7618
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

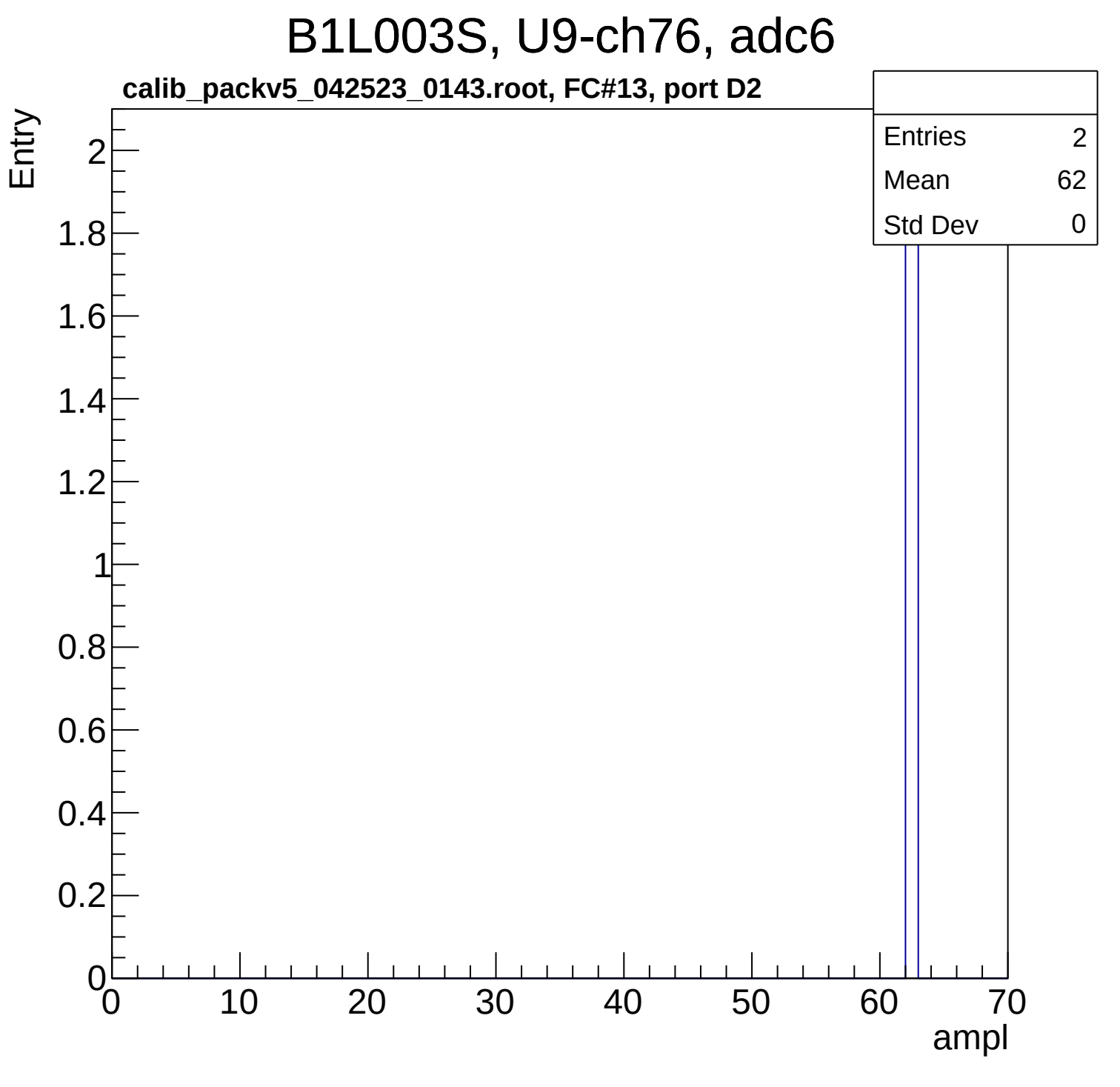

B1L003S, U9-ch76, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 90
Mean 37.71
Std Dev 3.606
Gaus mean : 38.3035
Gaus Width: 3.6414
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

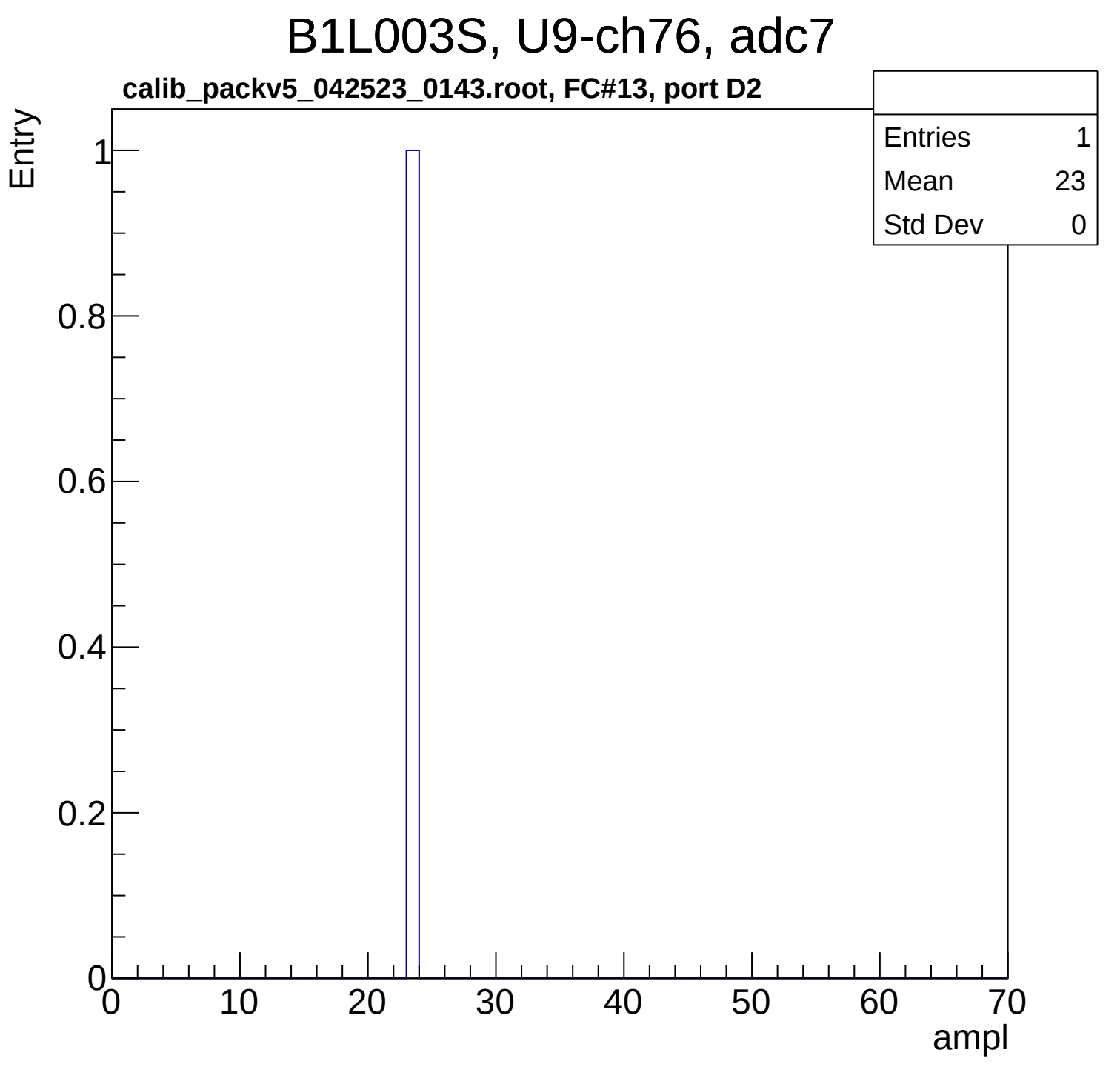

B1L003S, U9-ch76, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 44.38
Std Dev 3.28
Gaus mean : 44.8965
Gaus Width: 3.2981
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch76, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 50.95
Std Dev 3.046
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch76, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 57.4
Std Dev 2.947
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch76, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 59
Std Dev 9.657
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch76, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch76, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 23
Std Dev 0
Entry
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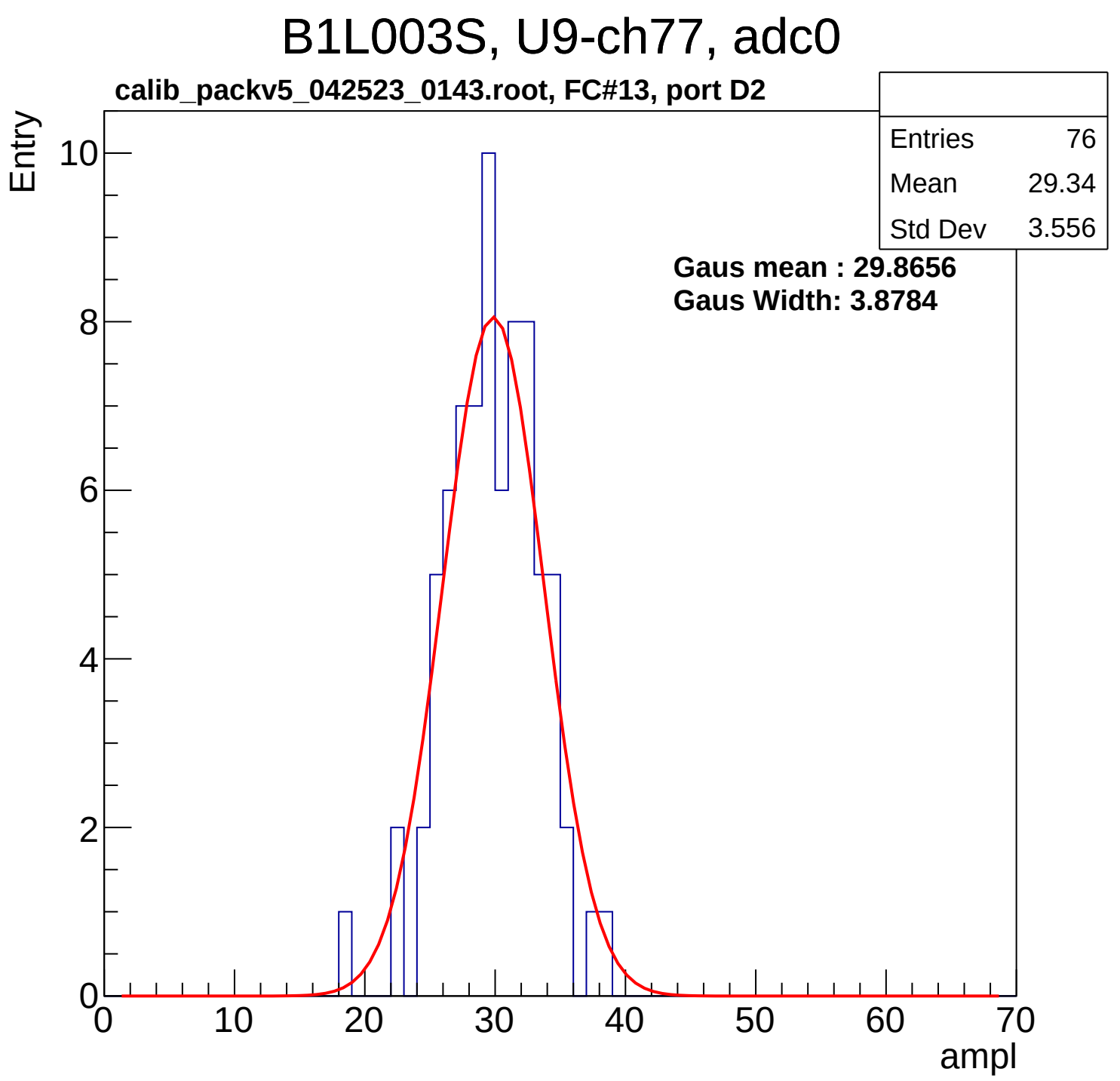
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch77, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 29.34
Std Dev 3.556
Gaus mean : 29.8656
Gaus Width: 3.8784
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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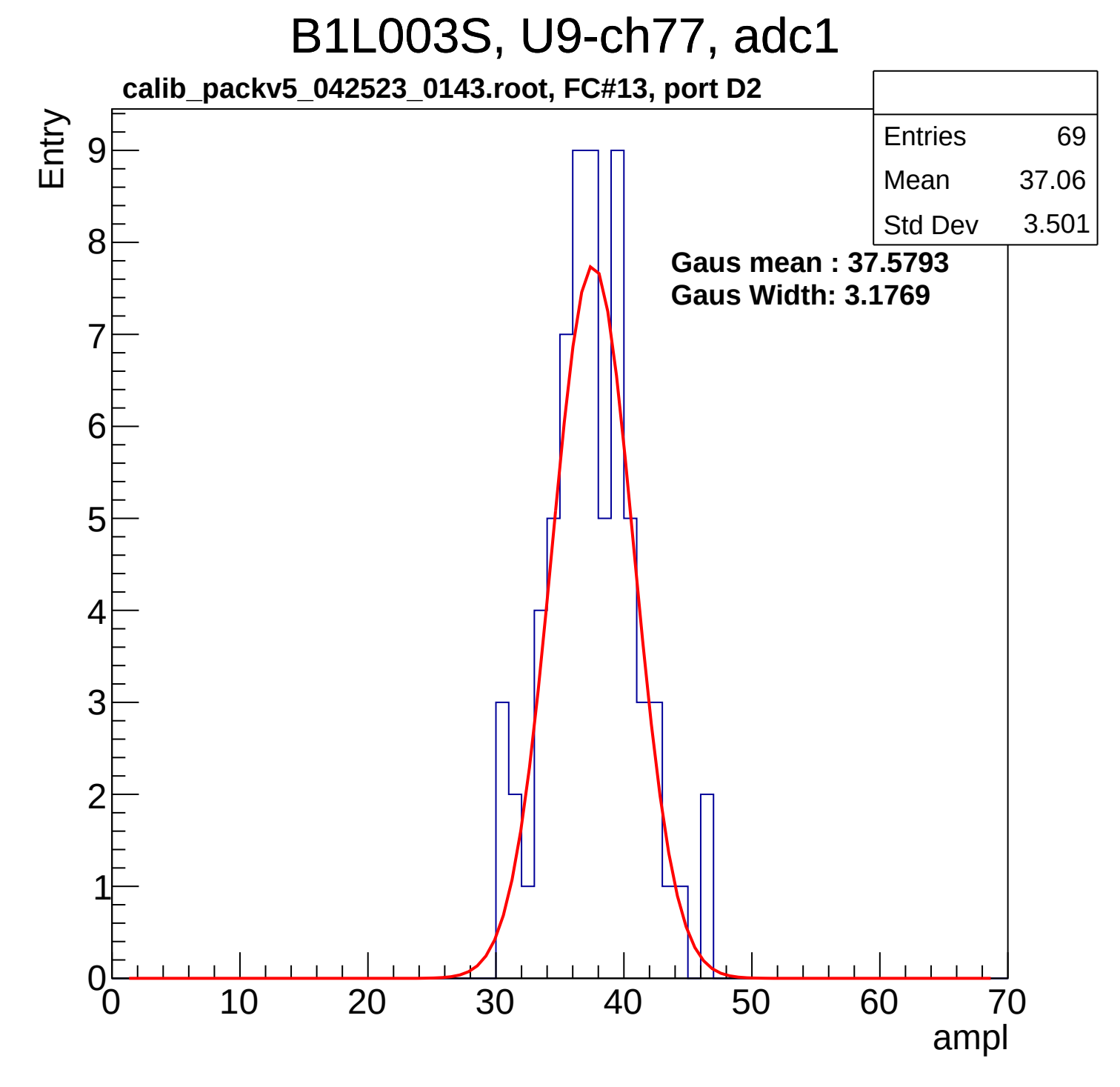
B1L003S, U9-ch77, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 37.06
Std Dev 3.501
Gaus mean : 37.5793
Gaus Width: 3.1769
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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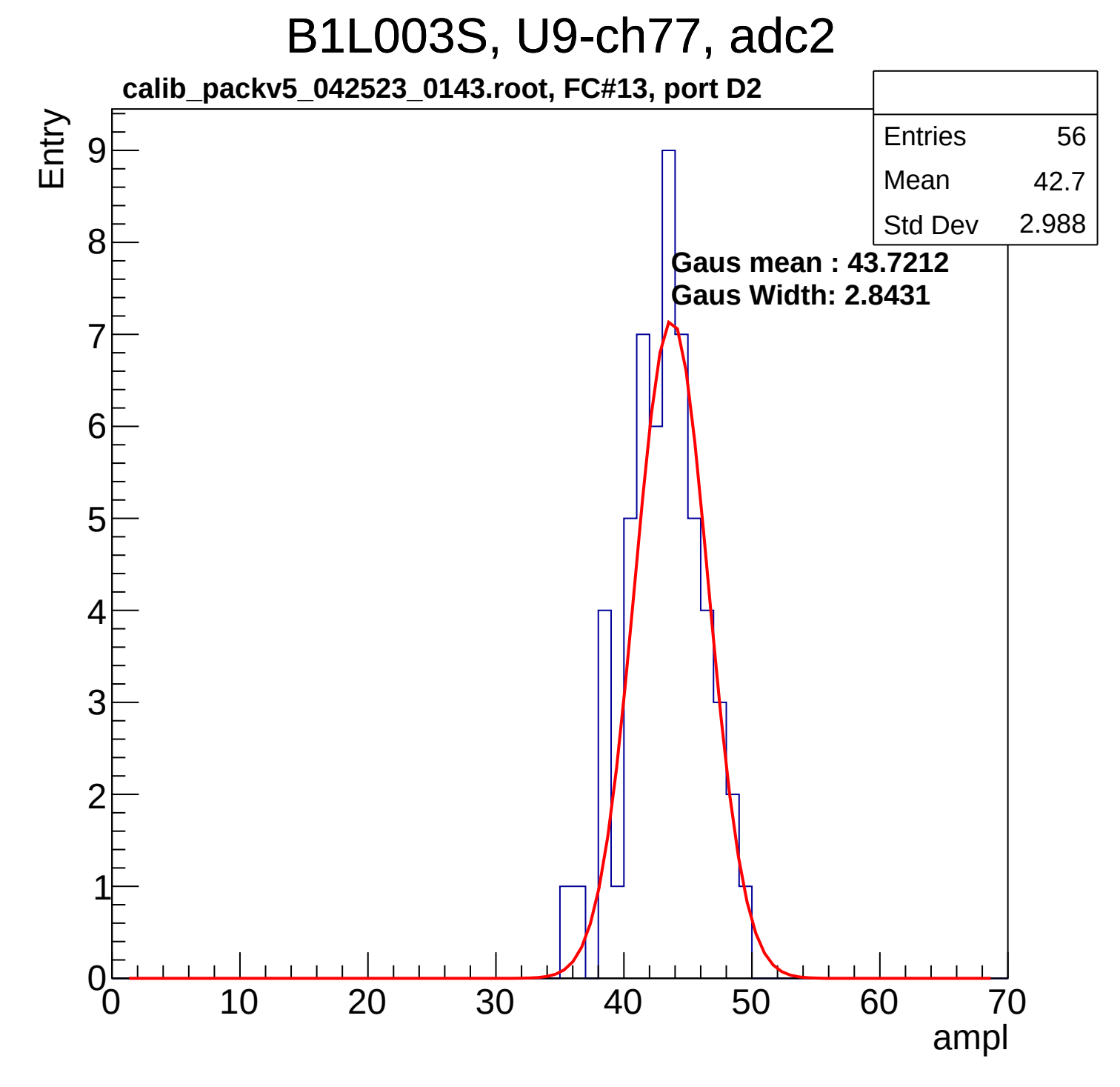
B1L003S, U9-ch77, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 42.7
Std Dev 2.988
Gaus mean : 43.7212
Gaus Width: 2.8431
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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60
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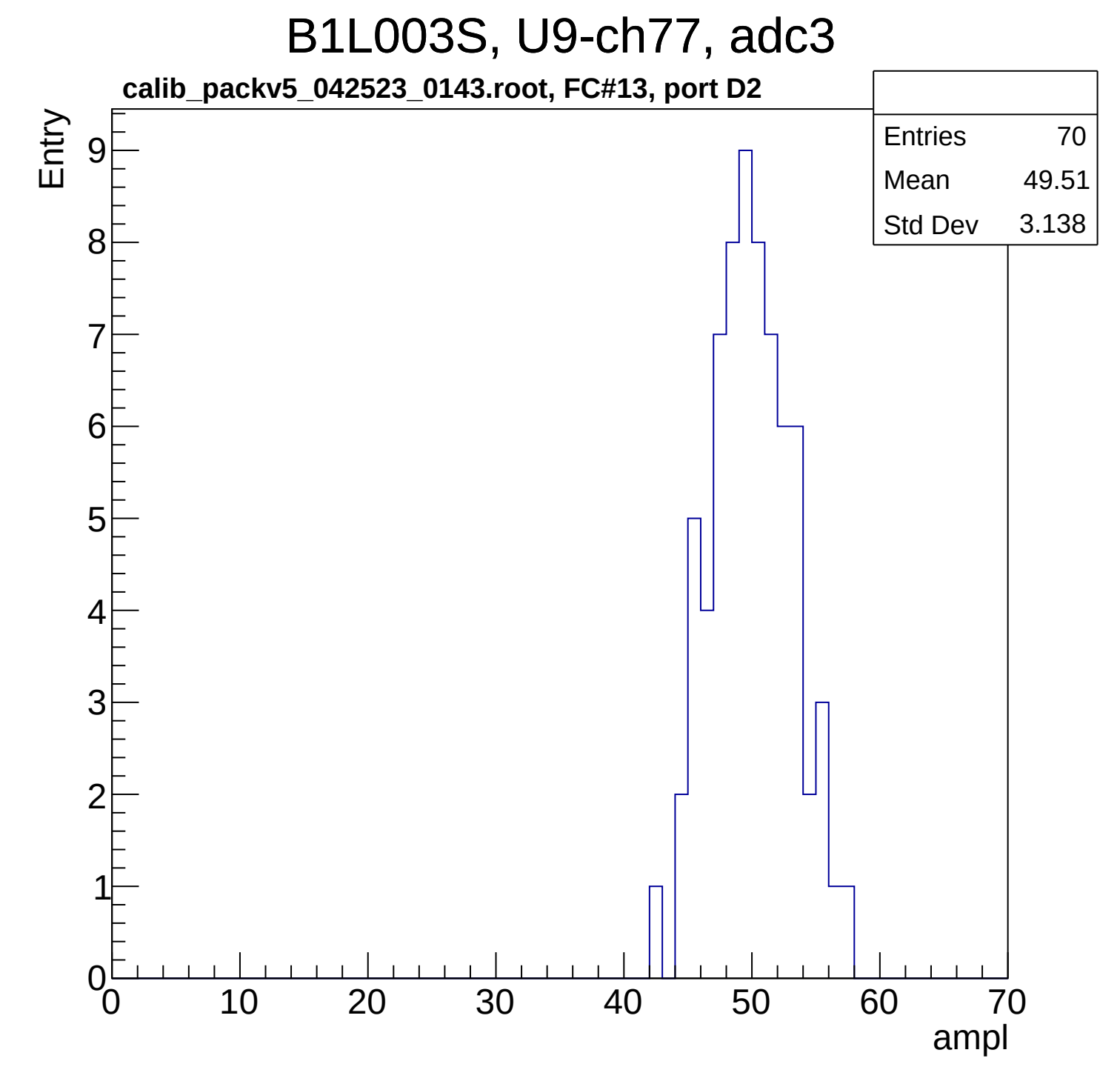
B1L003S, U9-ch77, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 49.51
Std Dev 3.138
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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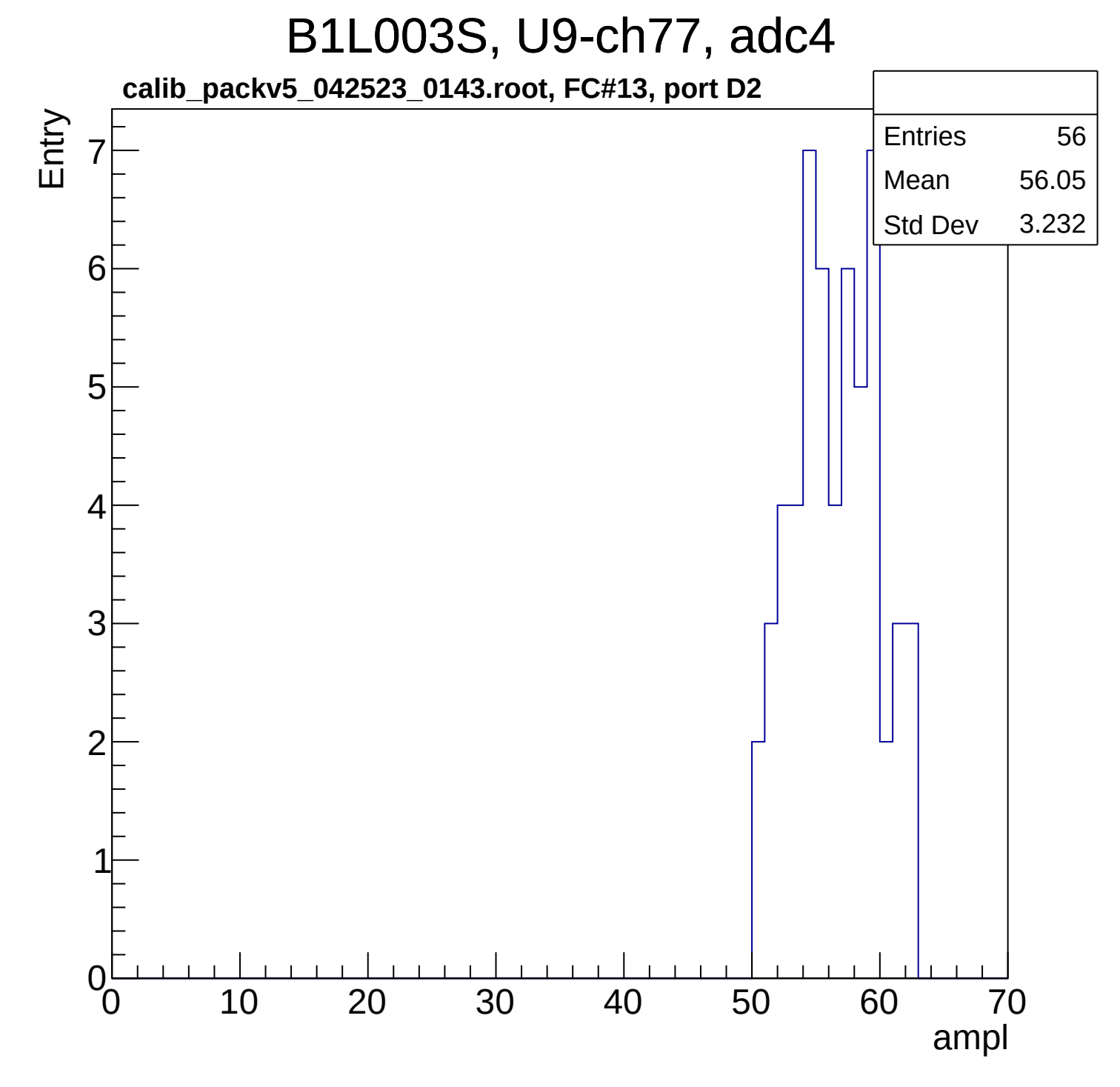
B1L003S, U9-ch77, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 56.05
Std Dev 3.232
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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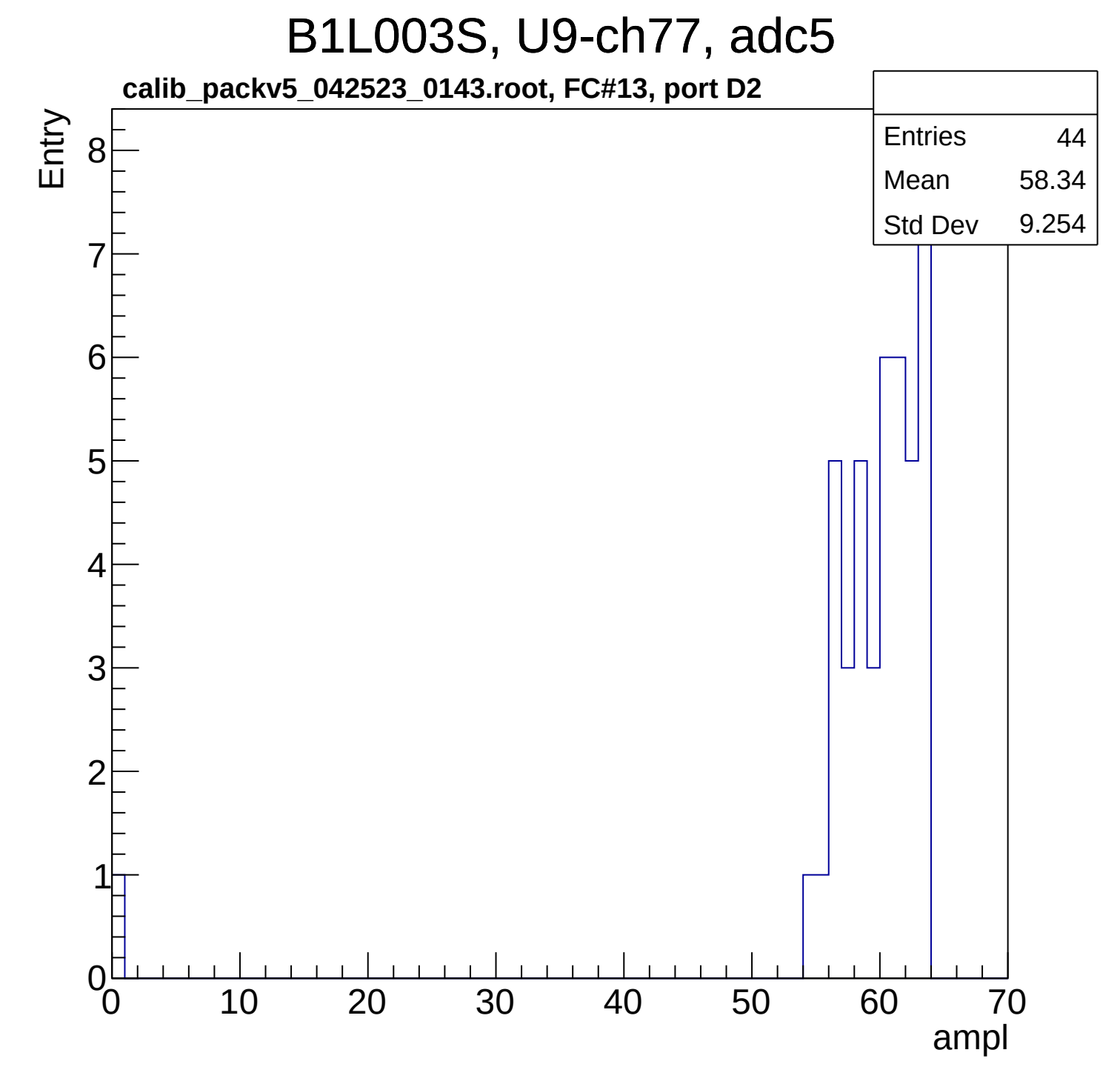
B1L003S, U9-ch77, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 58.34
Std Dev 9.254
Entry
ampl
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6
7
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0
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40
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60
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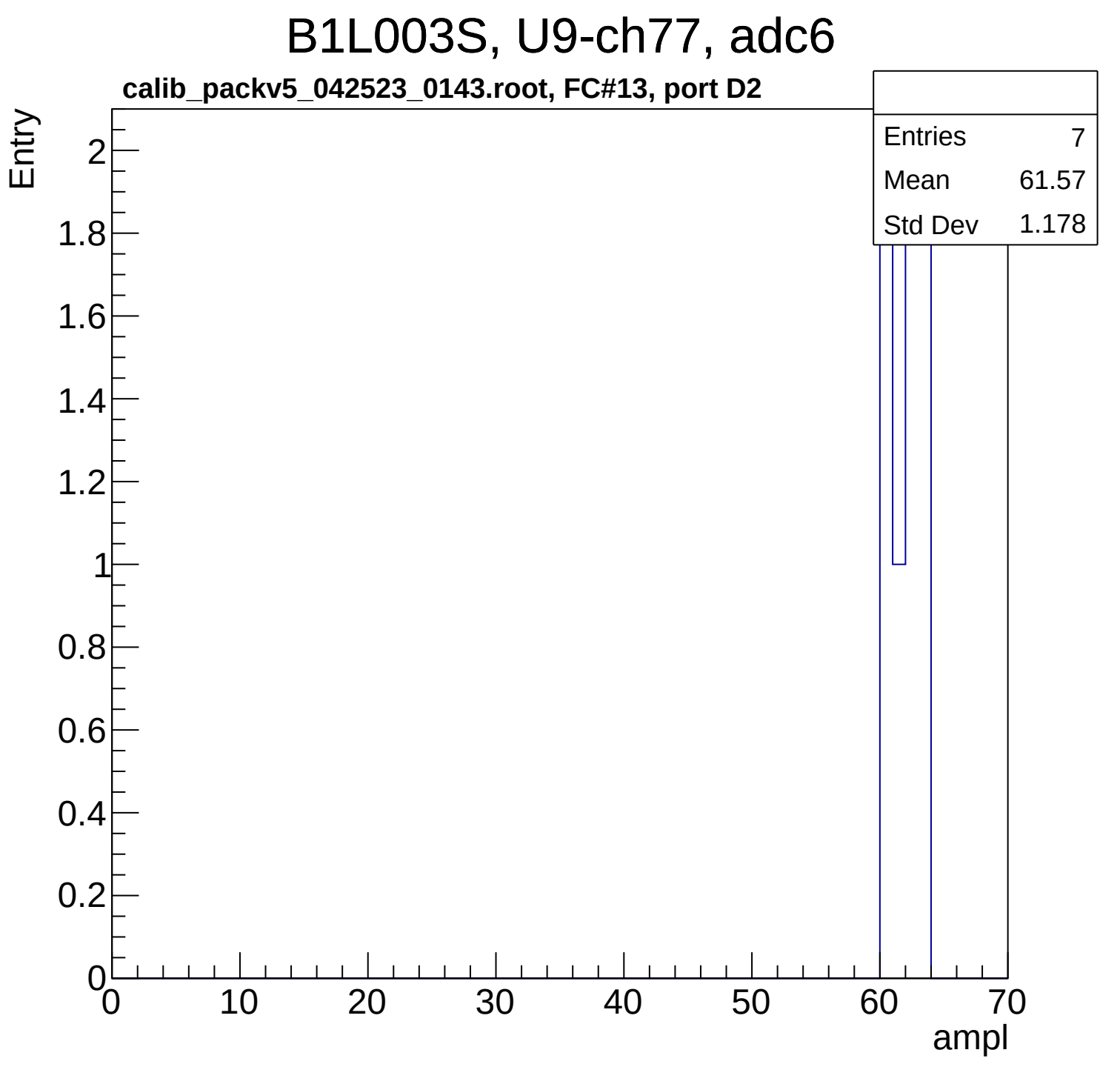
B1L003S, U9-ch77, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 61.57
Std Dev 1.178
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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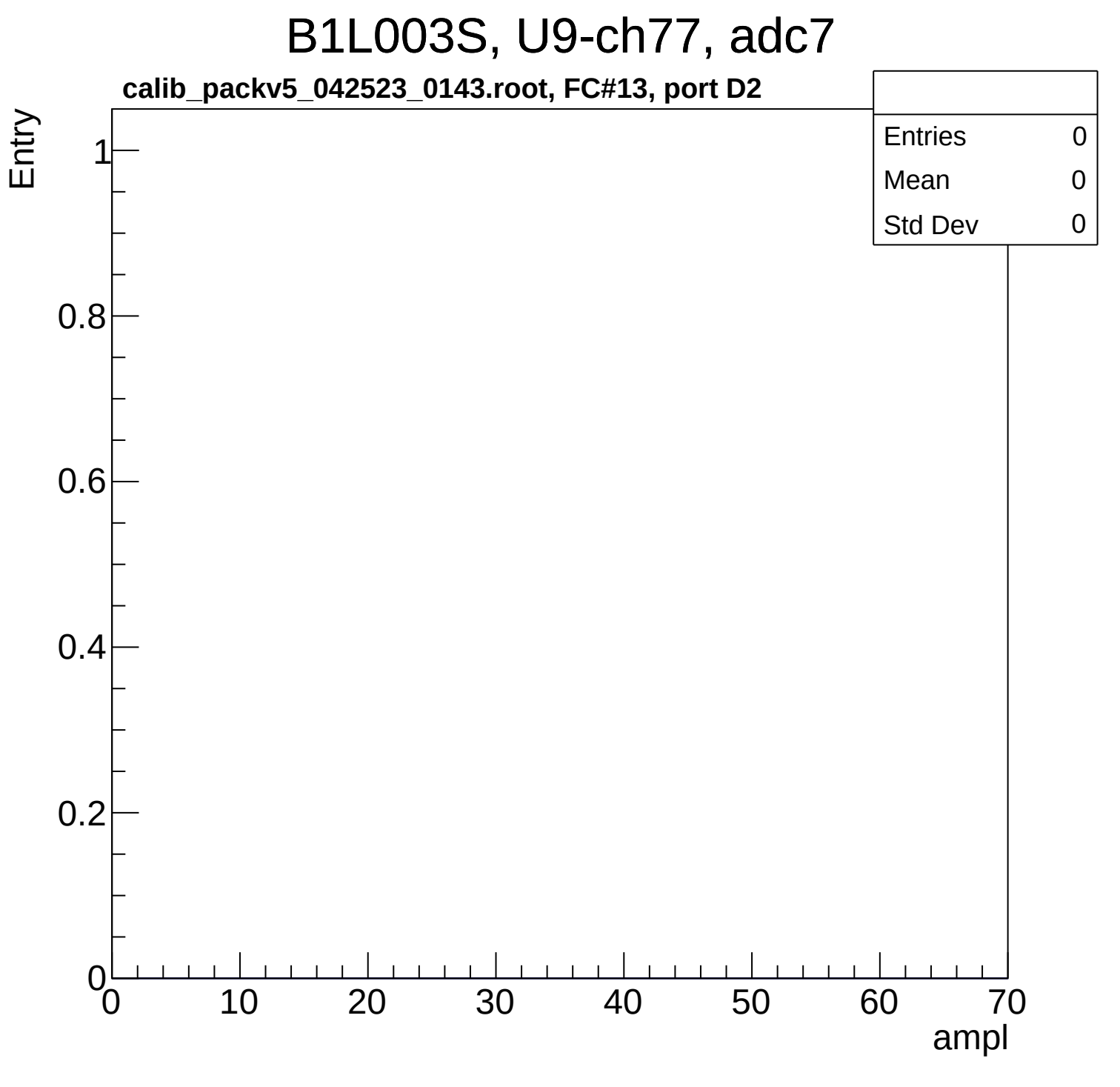
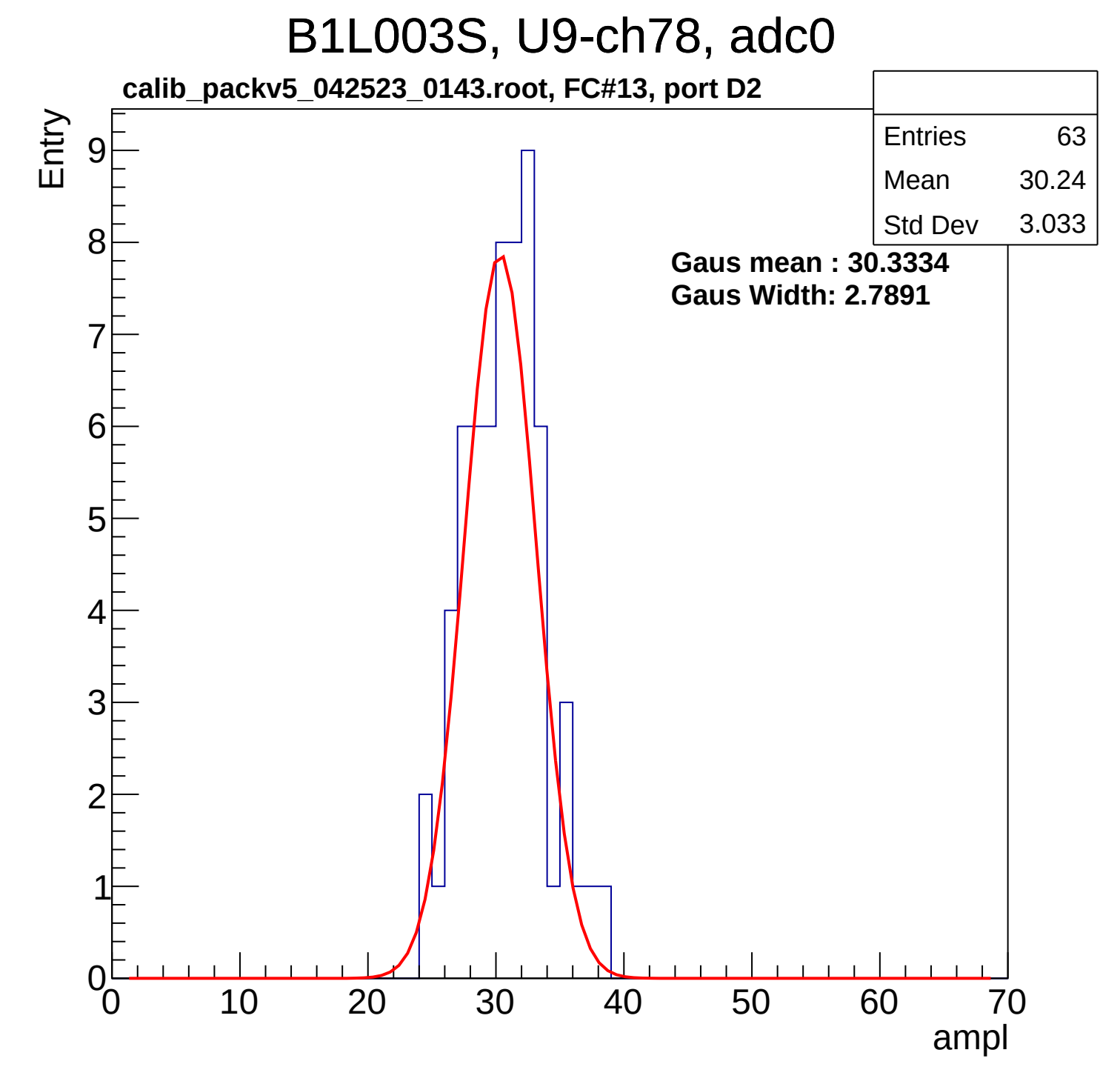

B1L003S, U9-ch77, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch78, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 30.24
Std Dev 3.033
Gaus mean : 30.3334
Gaus Width: 2.7891
Entry
ampl
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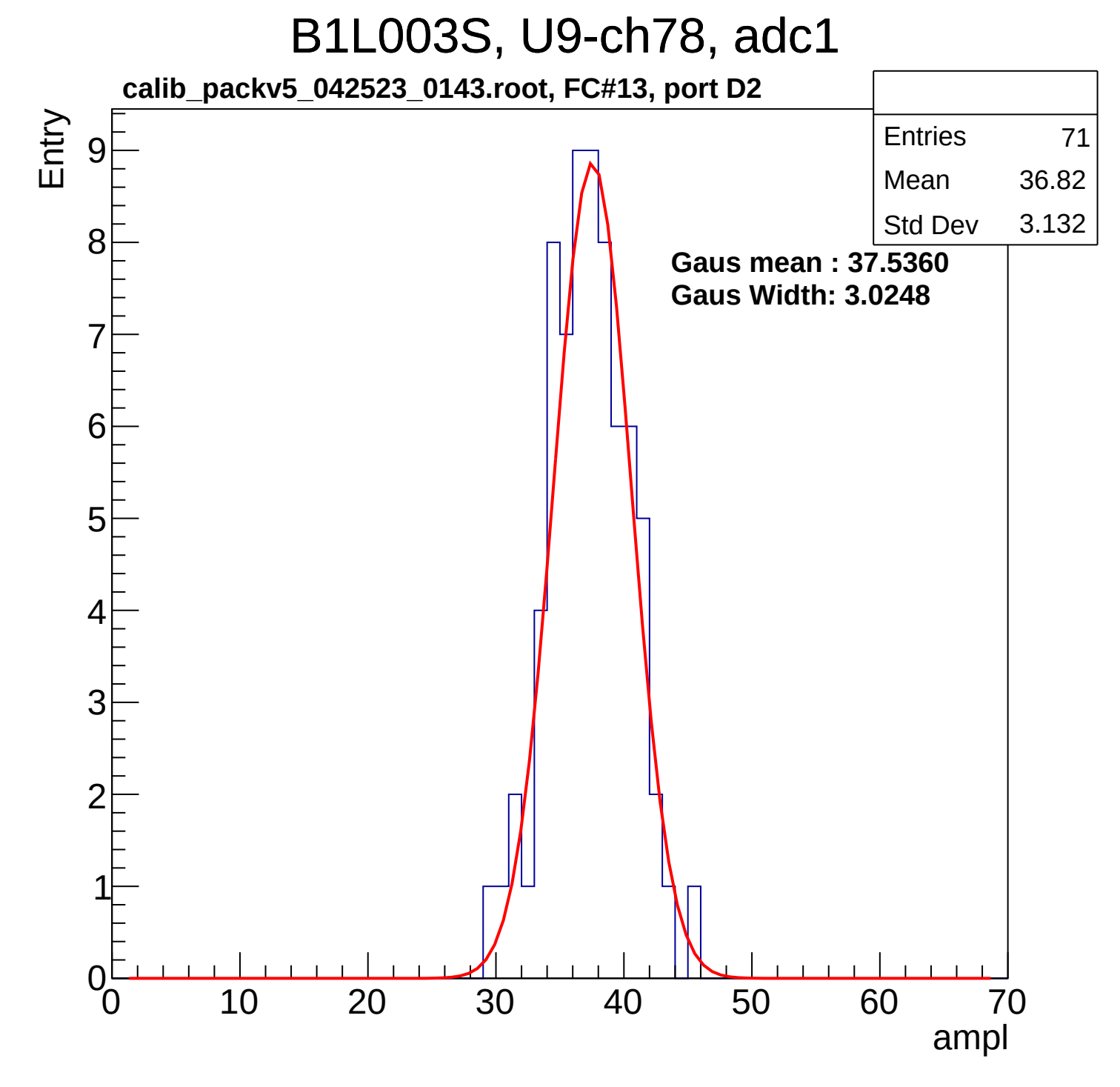
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch78, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 36.82
Std Dev 3.132
Gaus mean : 37.5360
Gaus Width: 3.0248
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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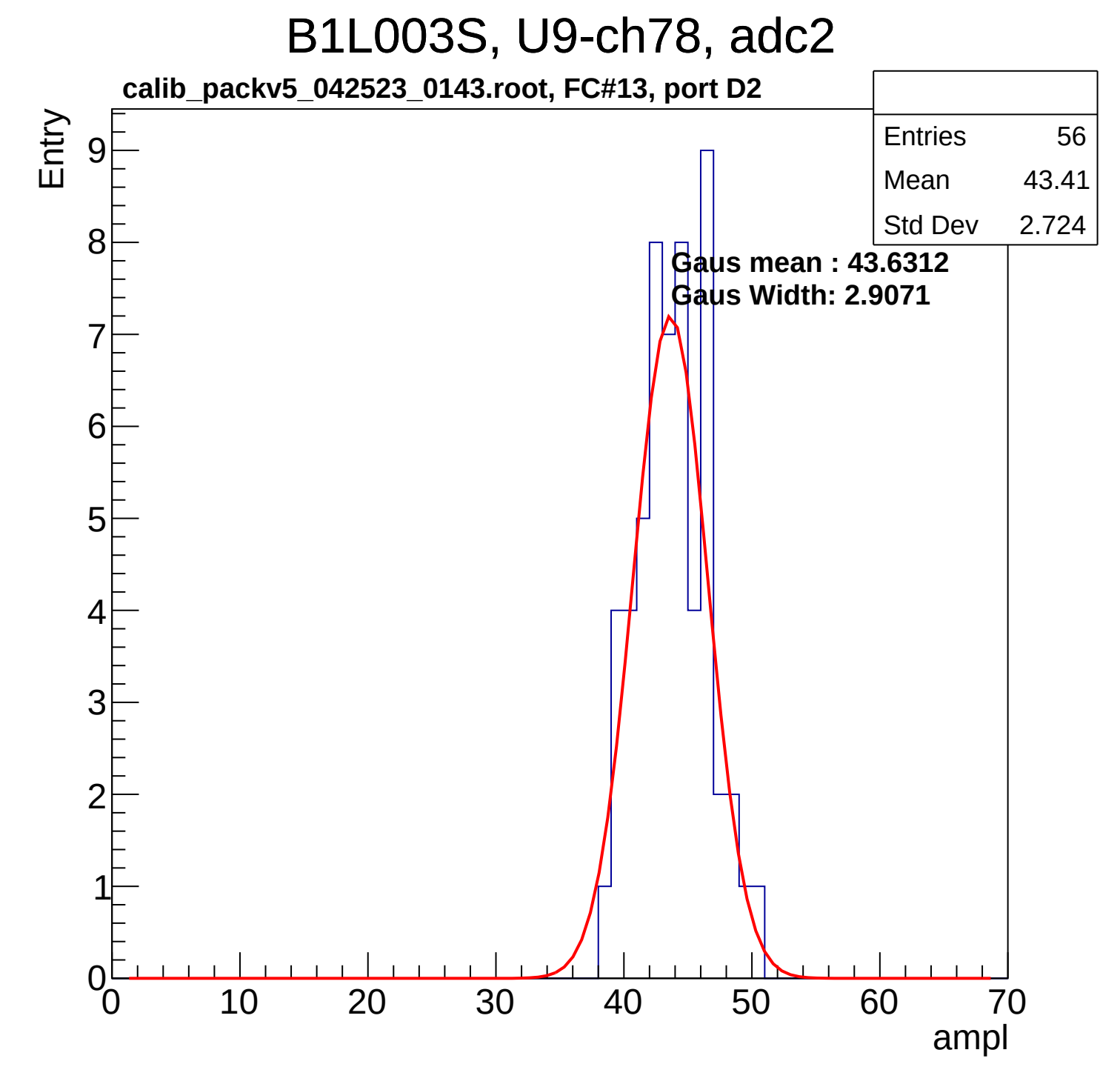
B1L003S, U9-ch78, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 43.41
Std Dev 2.724
Gaus mean : 43.6312
Gaus Width: 2.9071
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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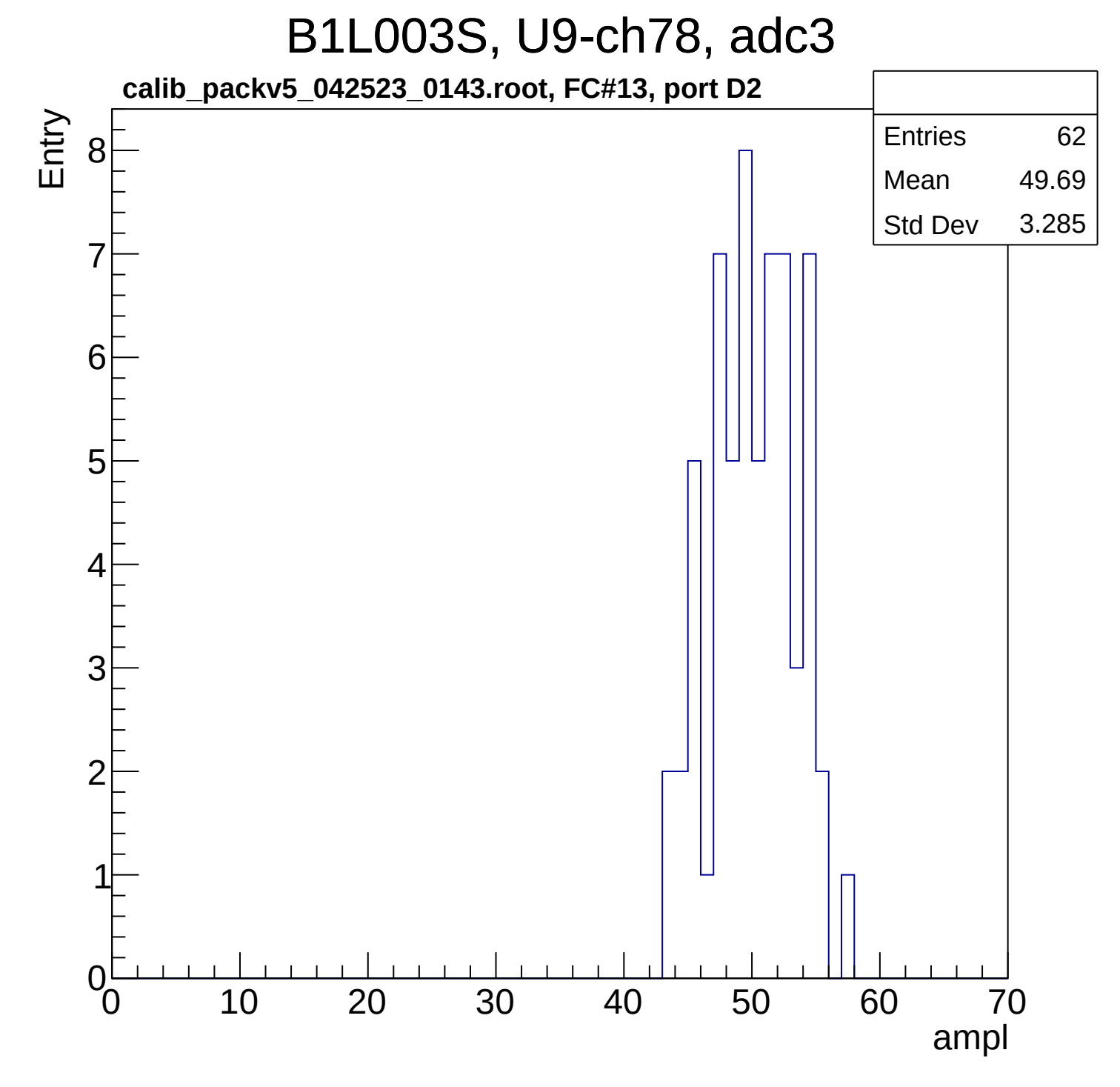
B1L003S, U9-ch78, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 49.69
Std Dev 3.285
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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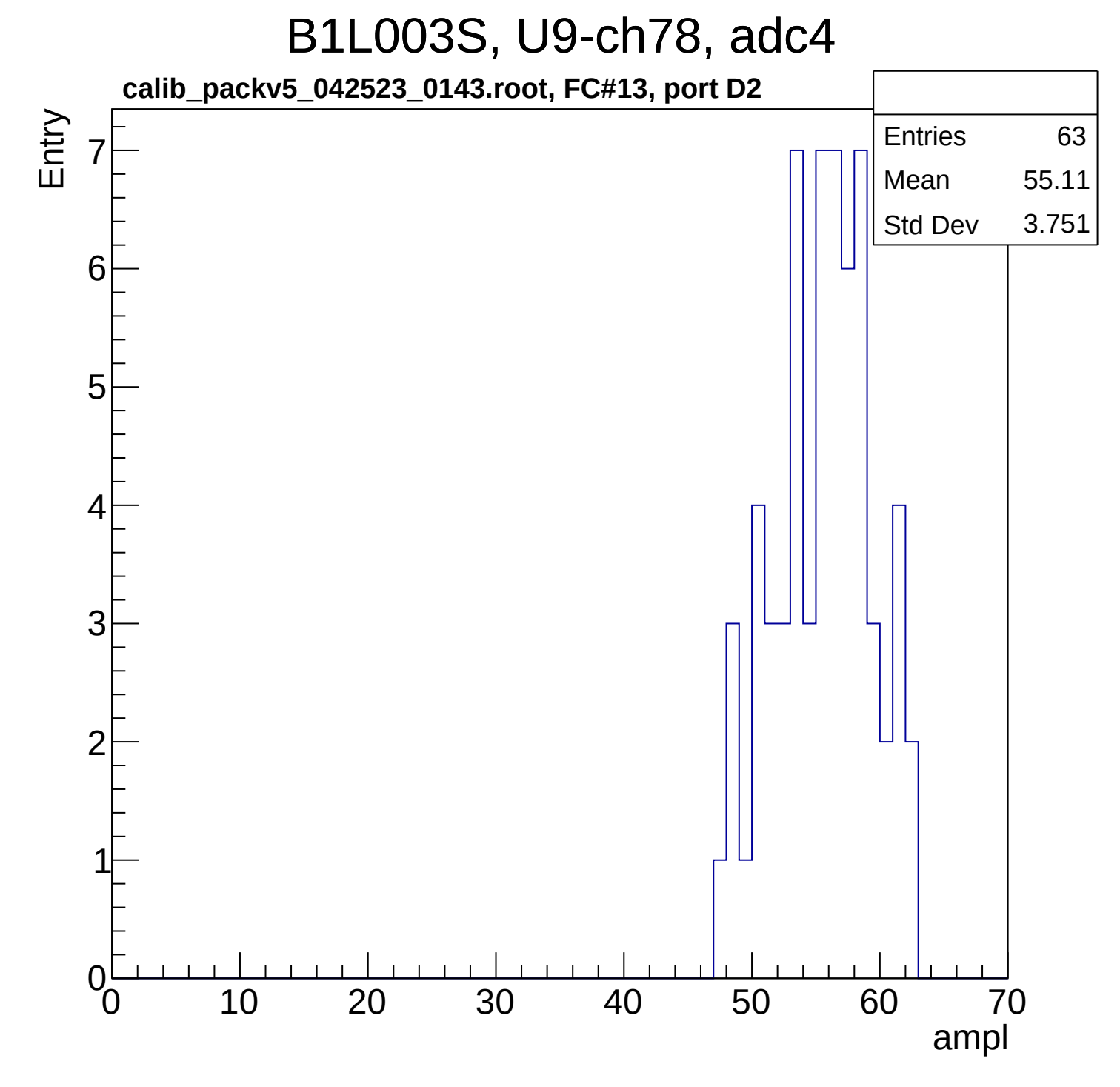
B1L003S, U9-ch78, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 55.11
Std Dev 3.751
Entry
ampl
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2
3
4
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6
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0
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20
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40
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60
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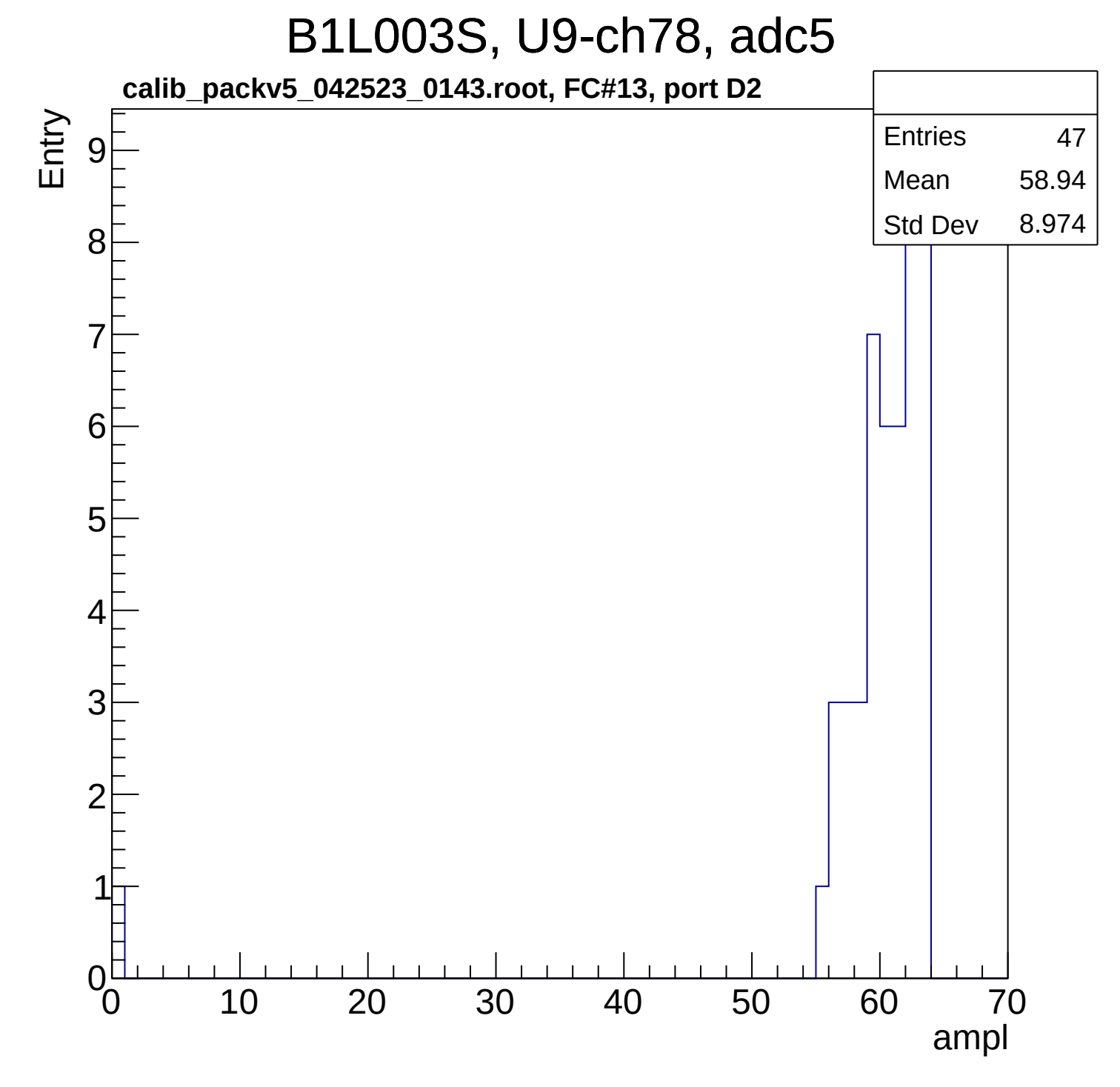
B1L003S, U9-ch78, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.94
Std Dev 8.974
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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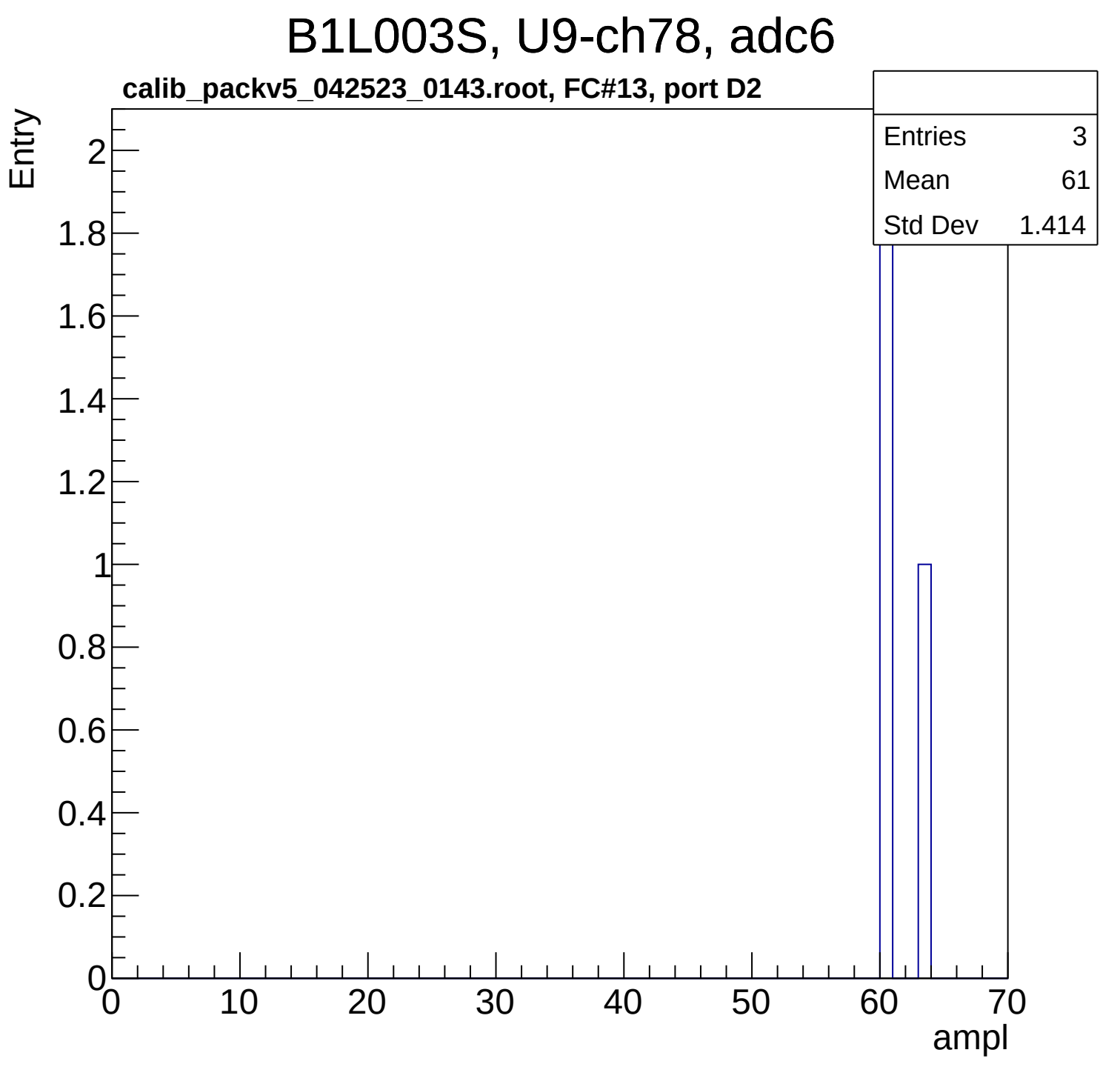
B1L003S, U9-ch78, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 61
Std Dev 1.414
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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40
50
60
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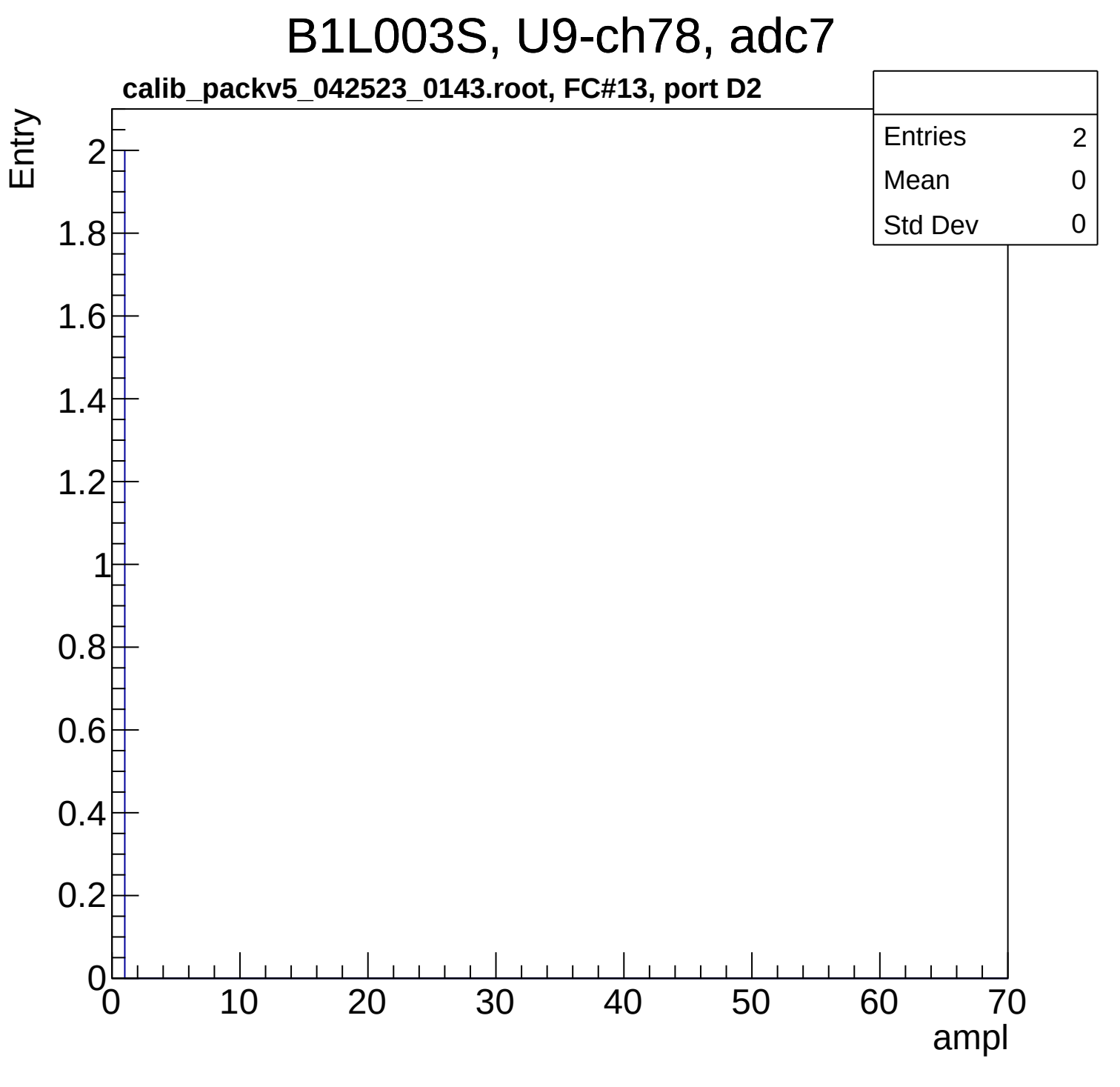
B1L003S, U9-ch78, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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60
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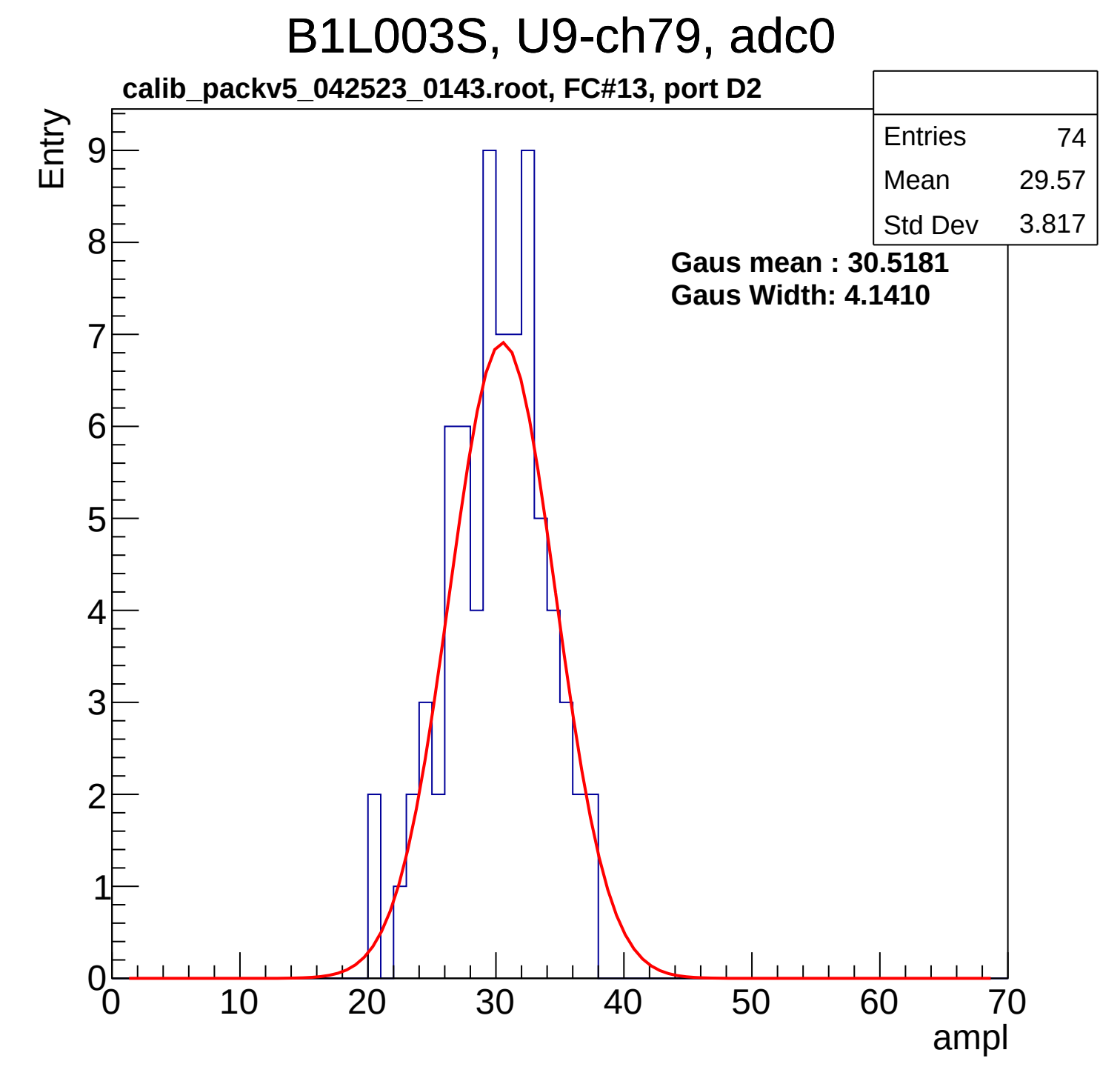
B1L003S, U9-ch79, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 29.57
Std Dev 3.817
Gaus mean : 30.5181
Gaus Width: 4.1410
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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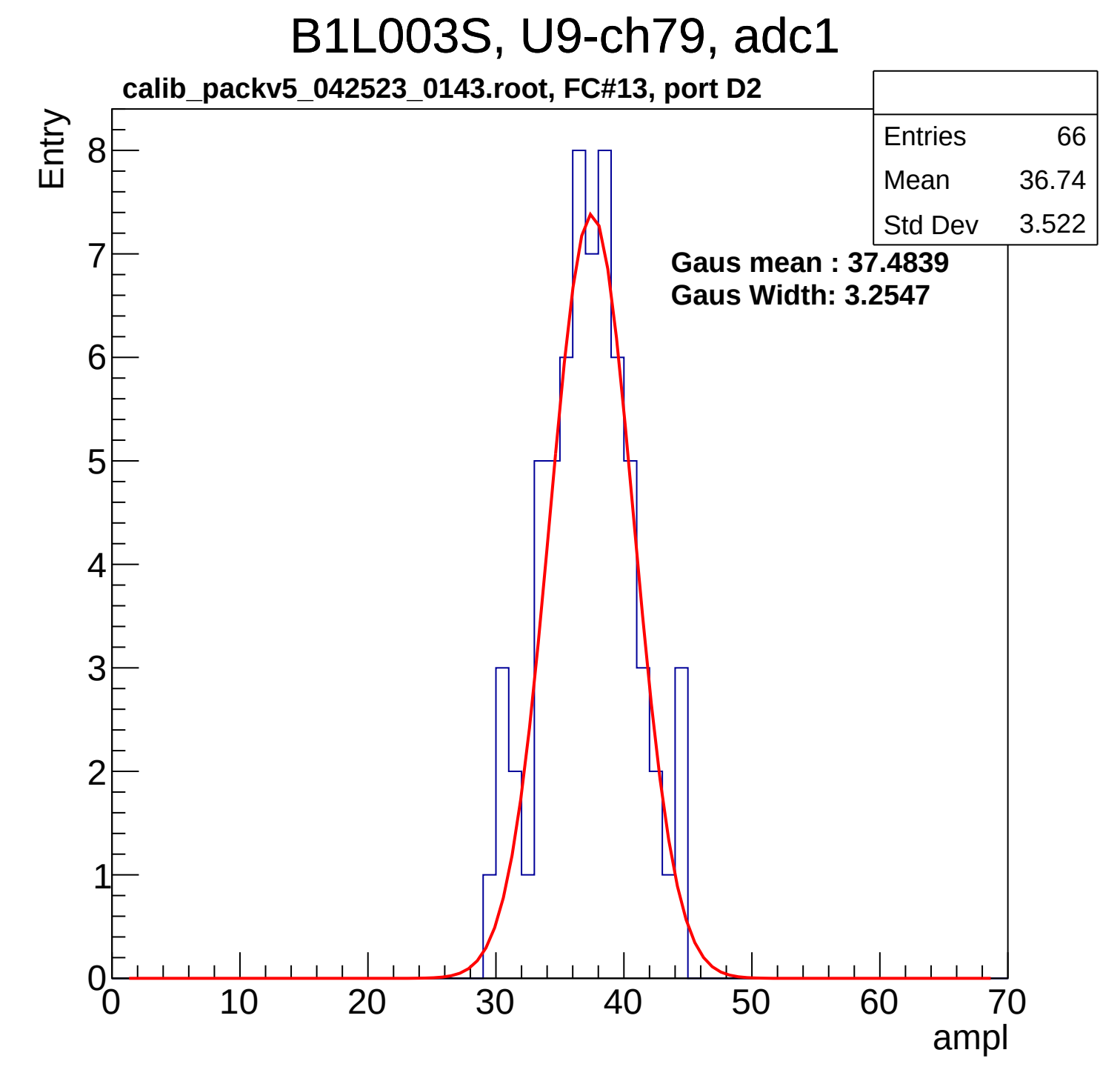
B1L003S, U9-ch79, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 36.74
Std Dev 3.522
Gaus mean : 37.4839
Gaus Width: 3.2547
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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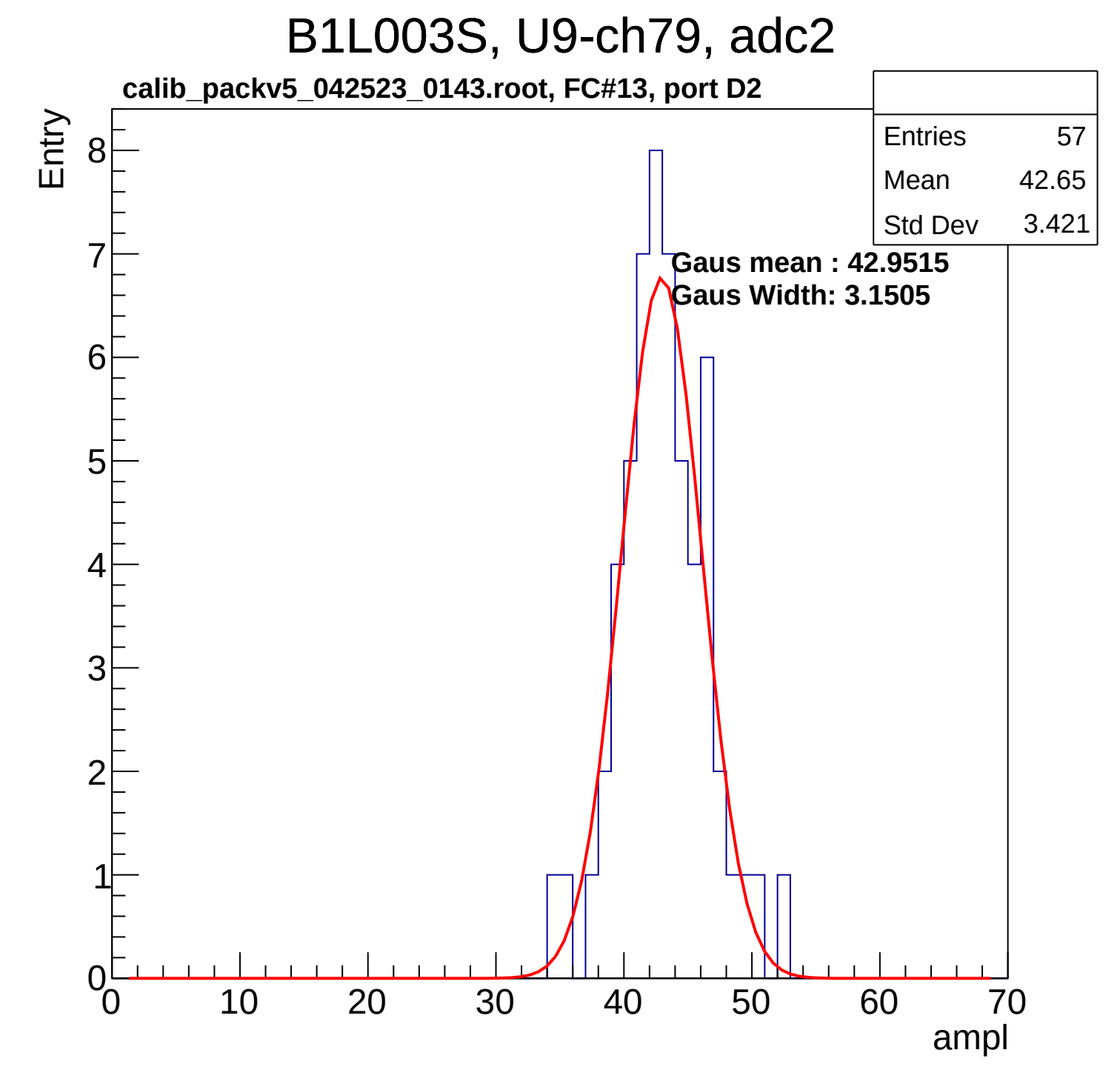
B1L003S, U9-ch79, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 42.65
Std Dev 3.421
Gaus mean : 42.9515
Gaus Width: 3.1505
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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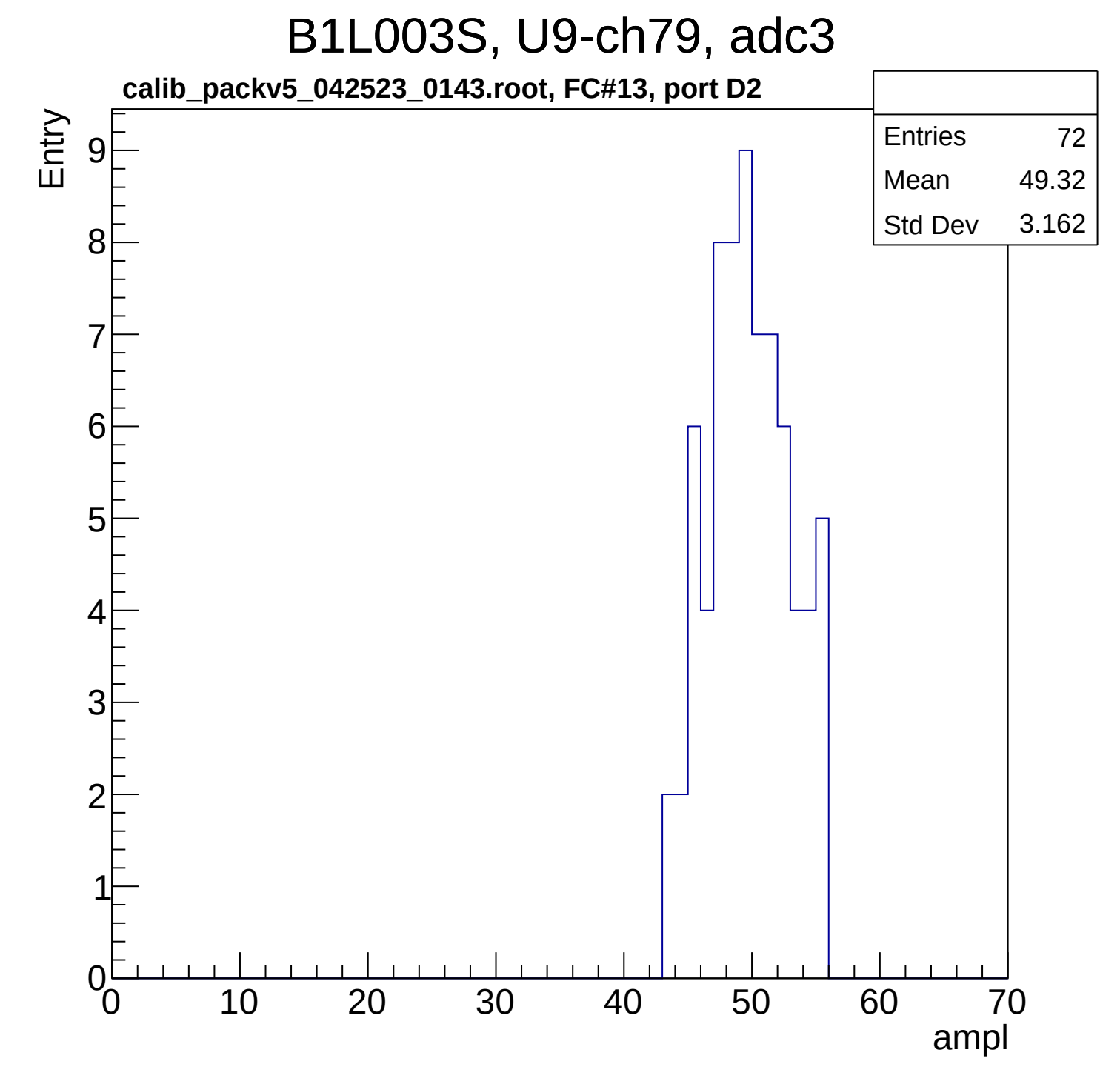
B1L003S, U9-ch79, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 49.32
Std Dev 3.162
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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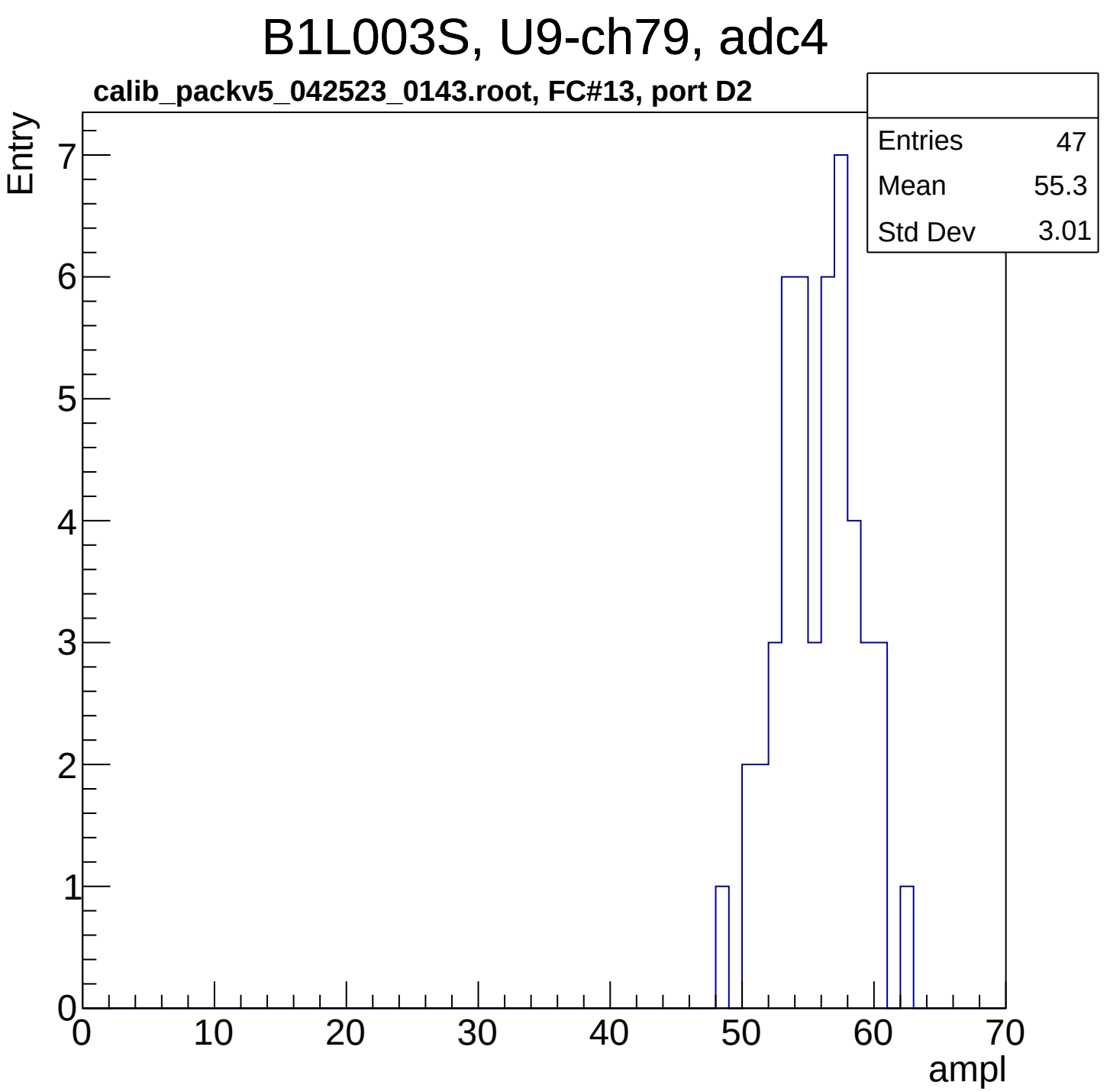
B1L003S, U9-ch79, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 55.3
Std Dev 3.01
Entry
ampl
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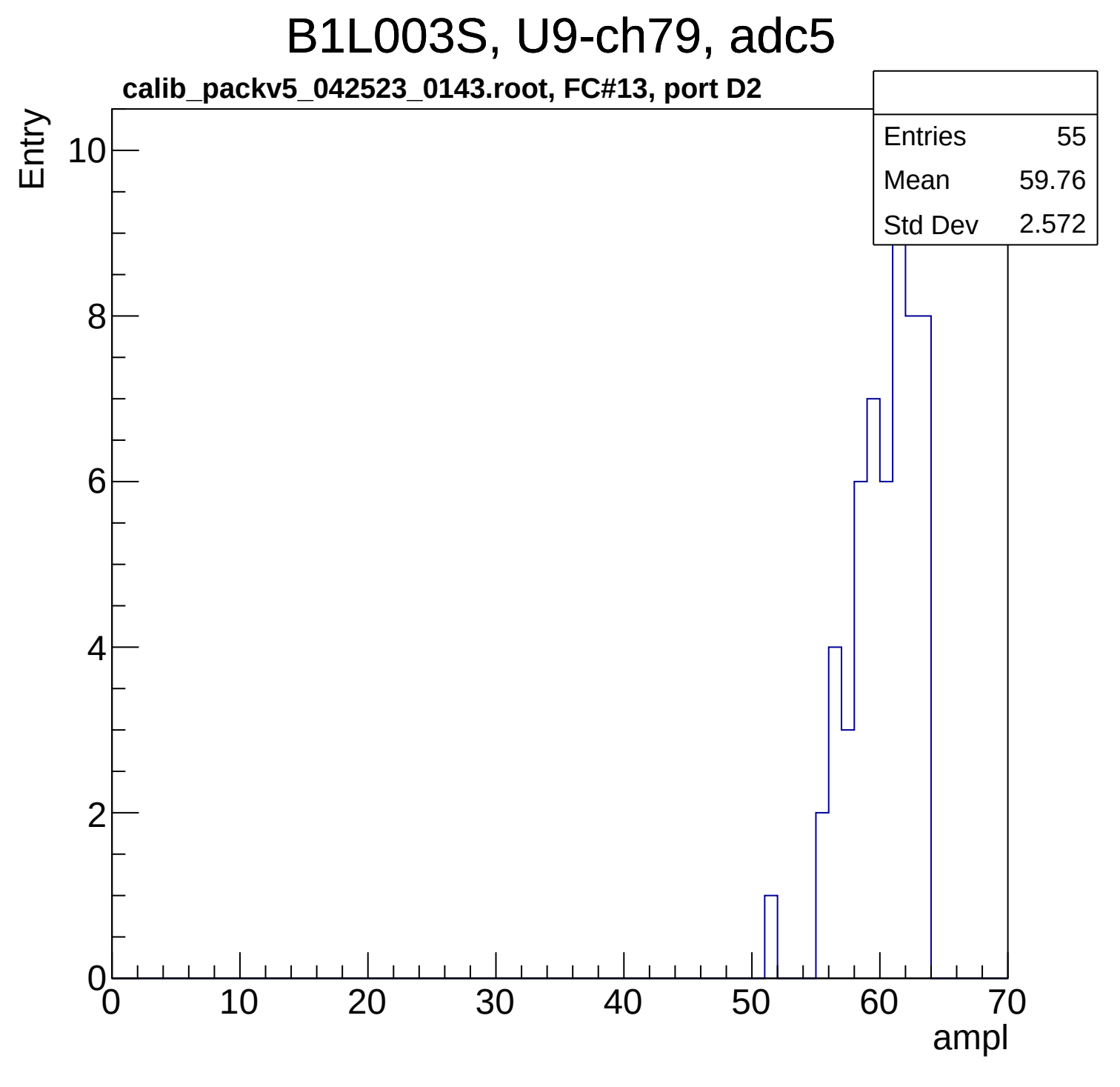
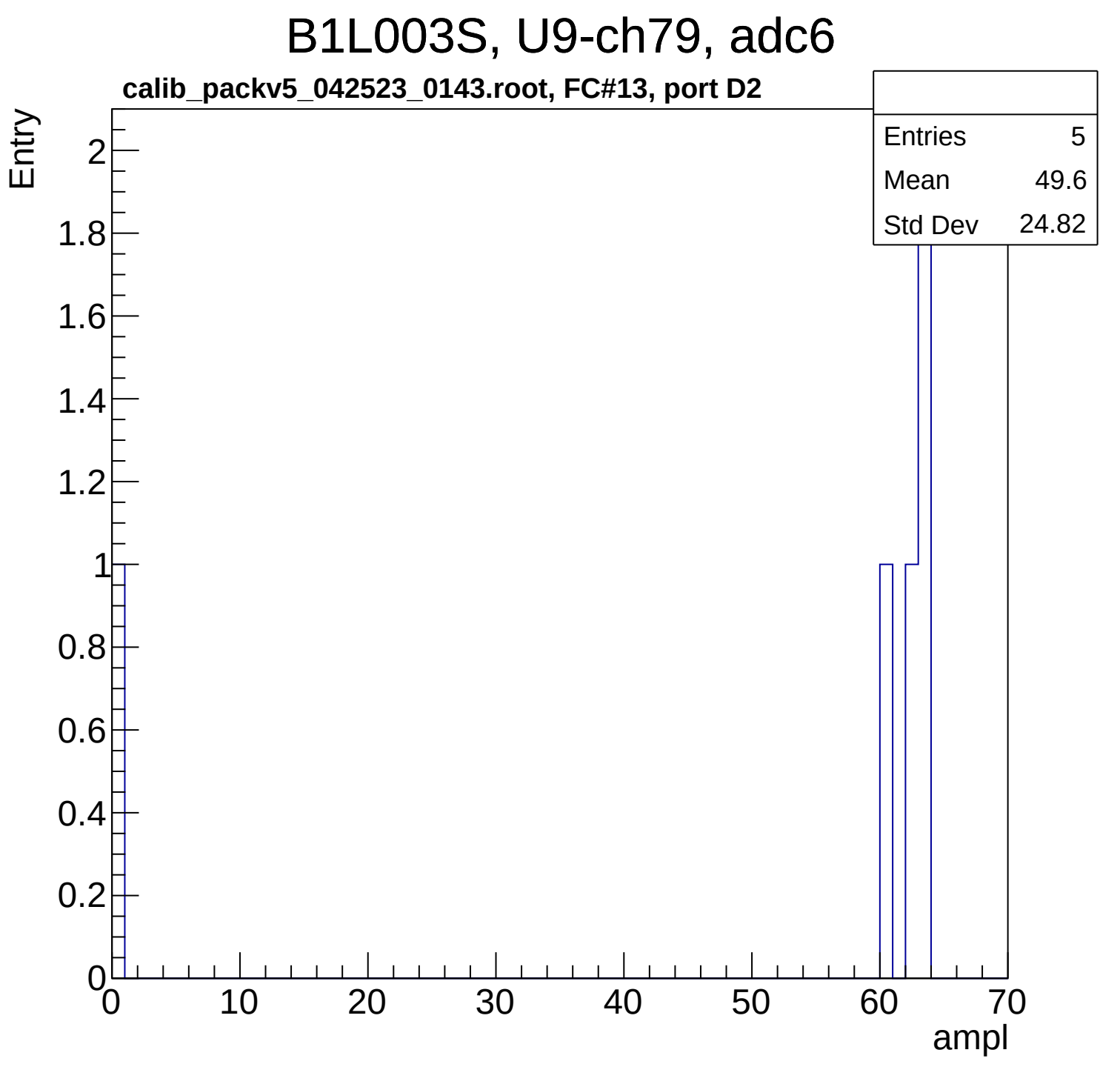
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch79, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 59.76
Std Dev 2.572
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch79, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 49.6
Std Dev 24.82
Entry
ampl
0
0.2
0.4
0.6
0.8
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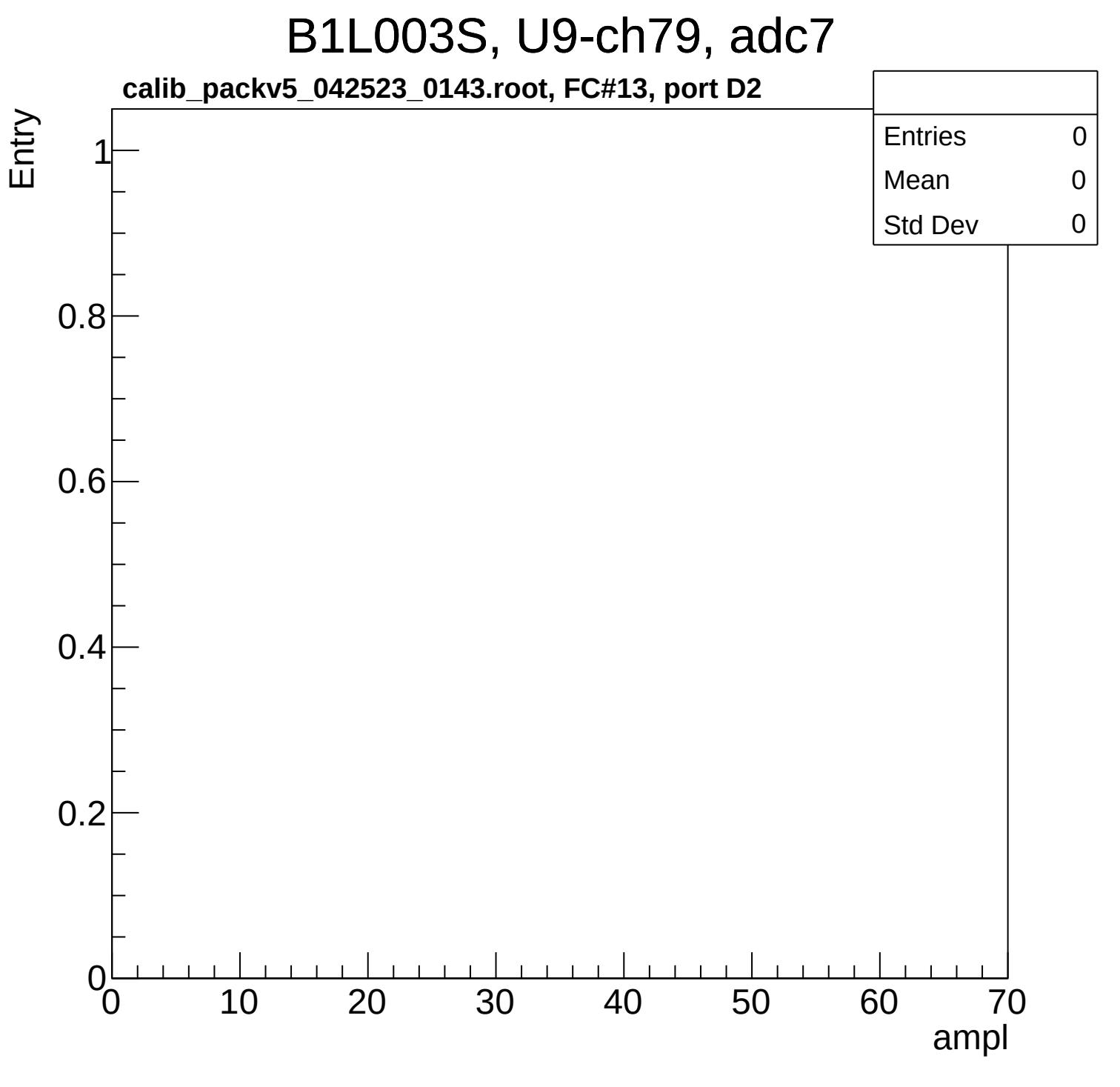
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch79, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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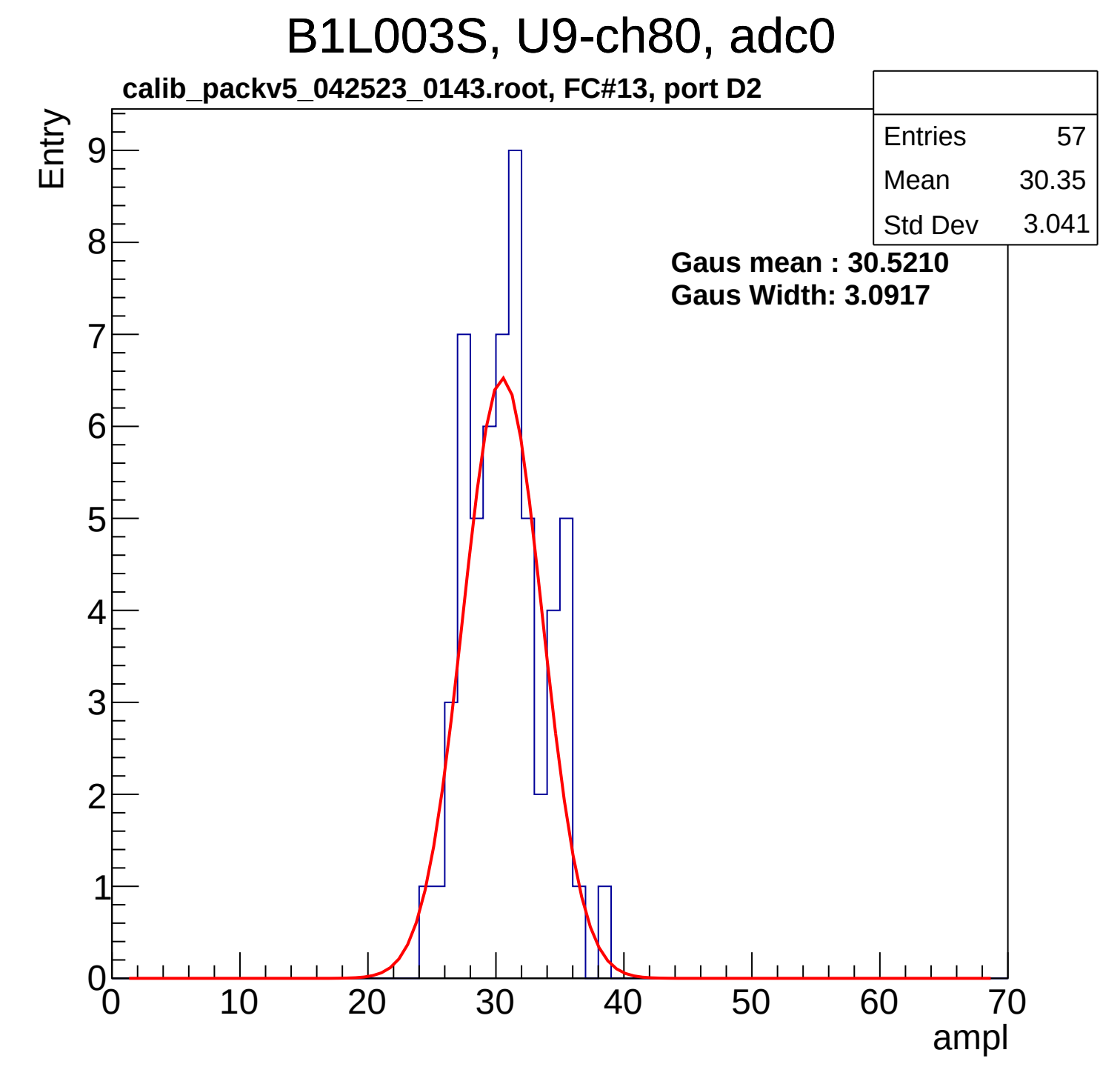
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch80, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 30.35
Std Dev 3.041
Gaus mean : 30.5210
Gaus Width: 3.0917
Entry
ampl
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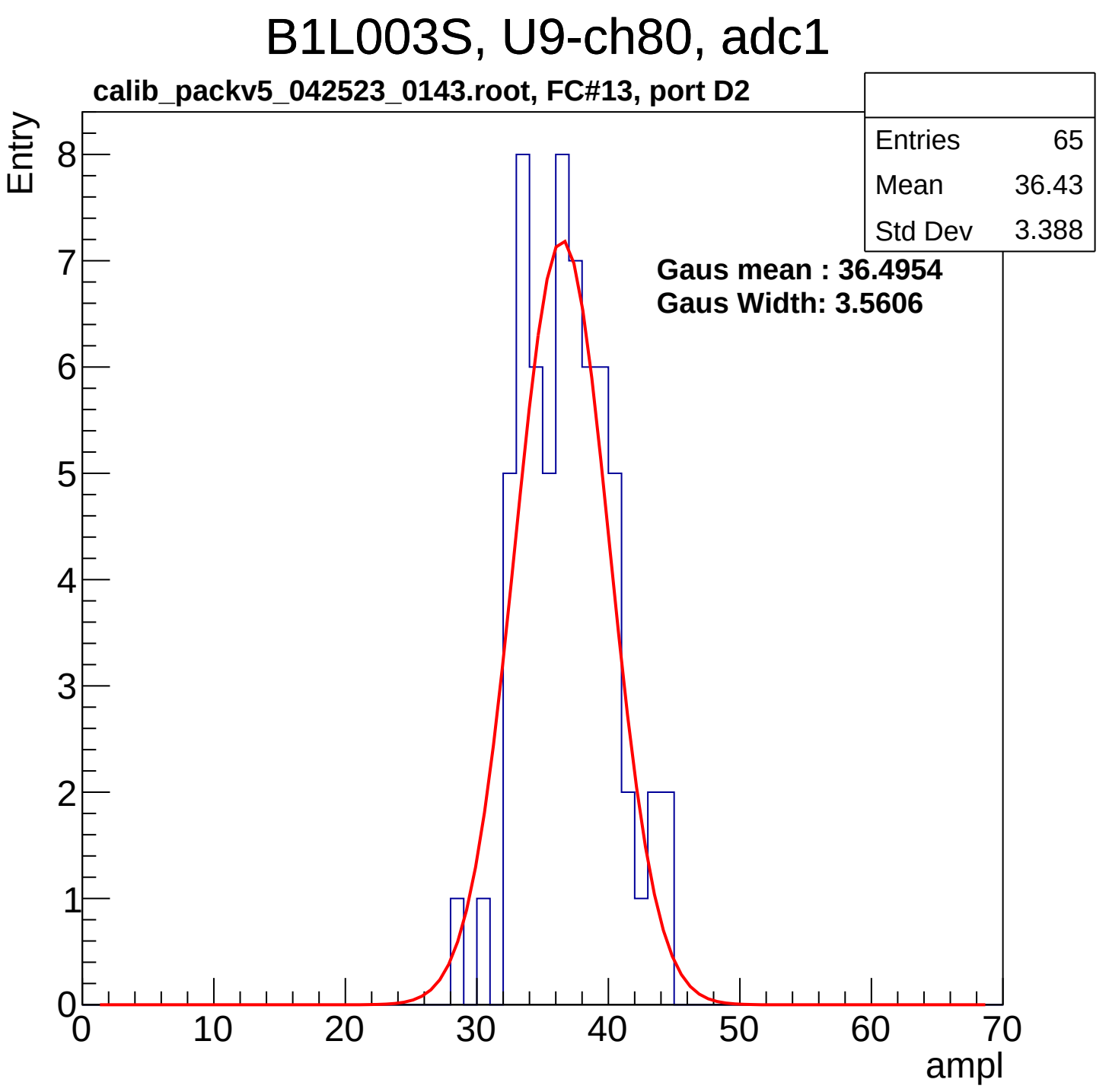
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch80, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 36.43
Std Dev 3.388
Gaus mean : 36.4954
Gaus Width: 3.5606
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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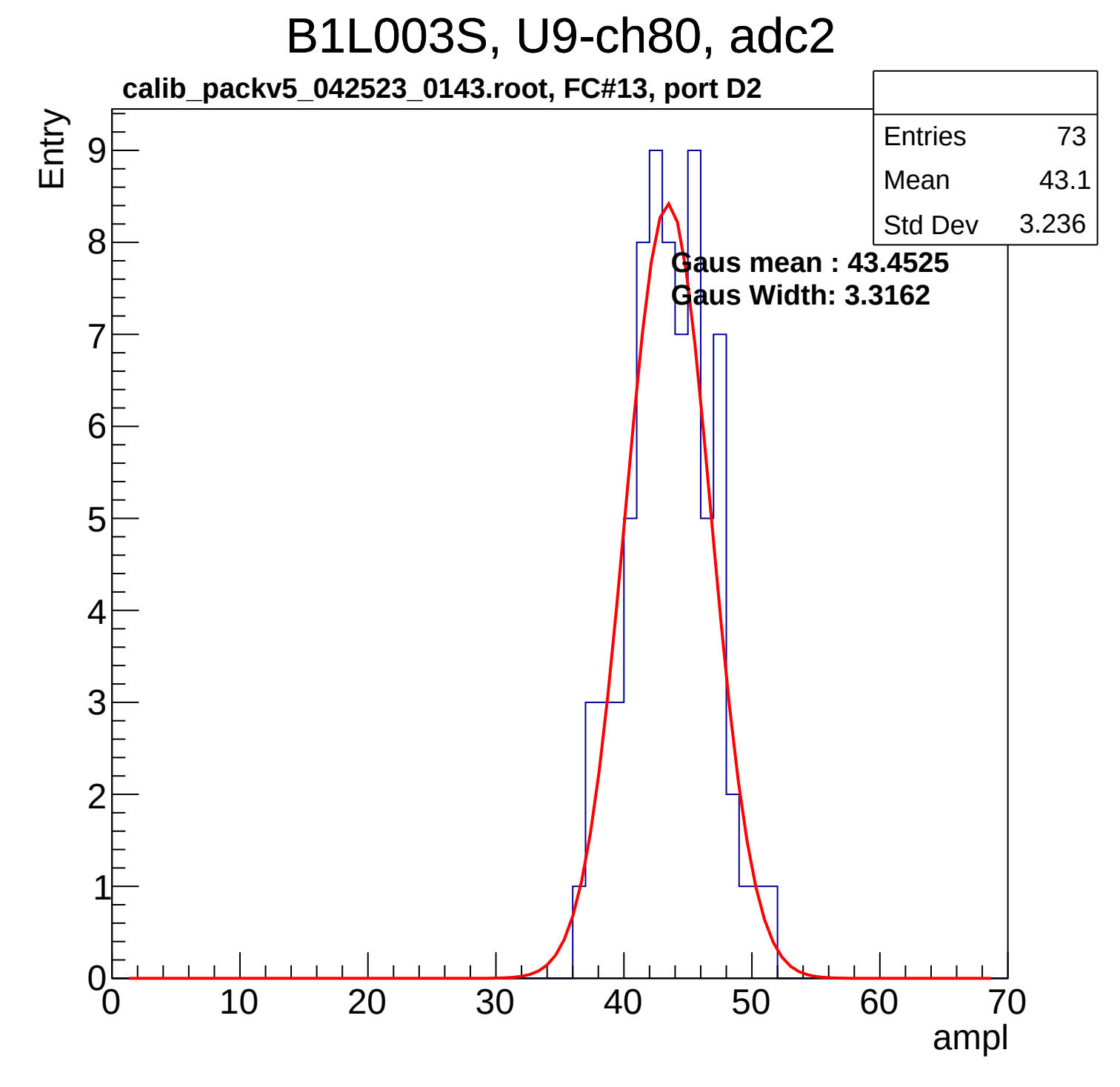
B1L003S, U9-ch80, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 43.1
Std Dev 3.236
Gaus mean : 43.4525
Gaus Width: 3.3162
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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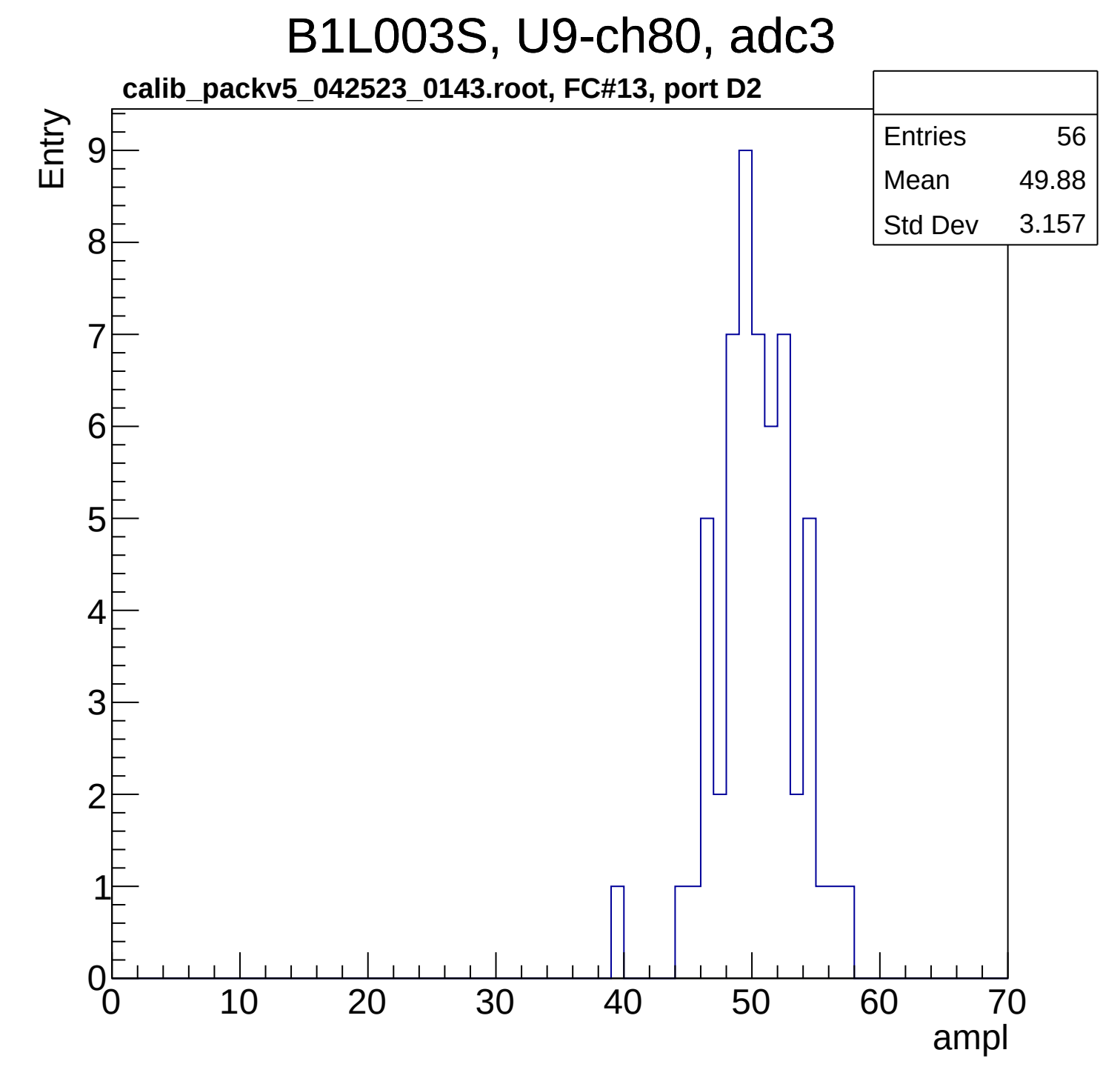
B1L003S, U9-ch80, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 49.88
Std Dev 3.157
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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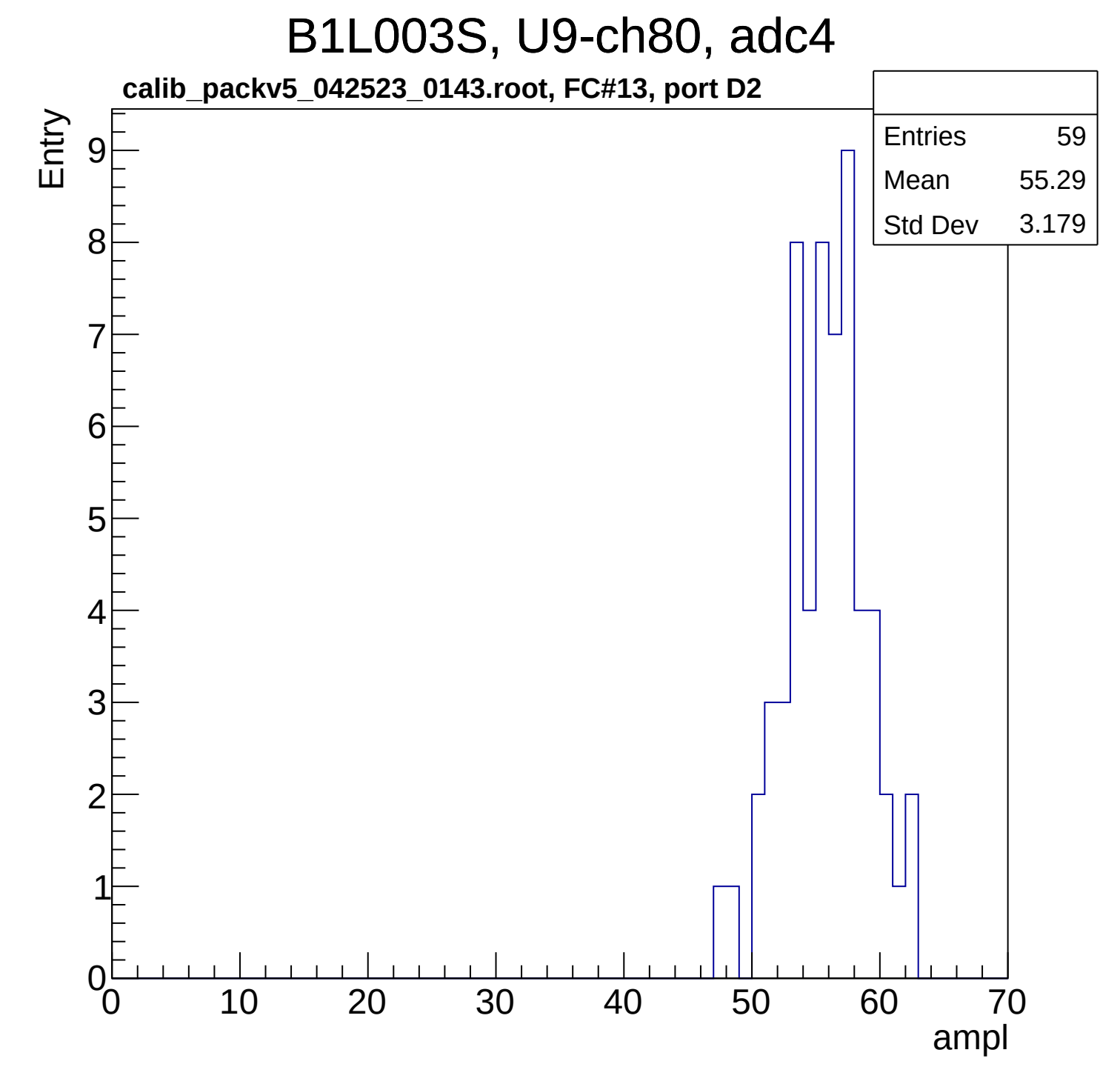
B1L003S, U9-ch80, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 55.29
Std Dev 3.179
Entry
ampl
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3
4
5
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7
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0
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20
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40
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60
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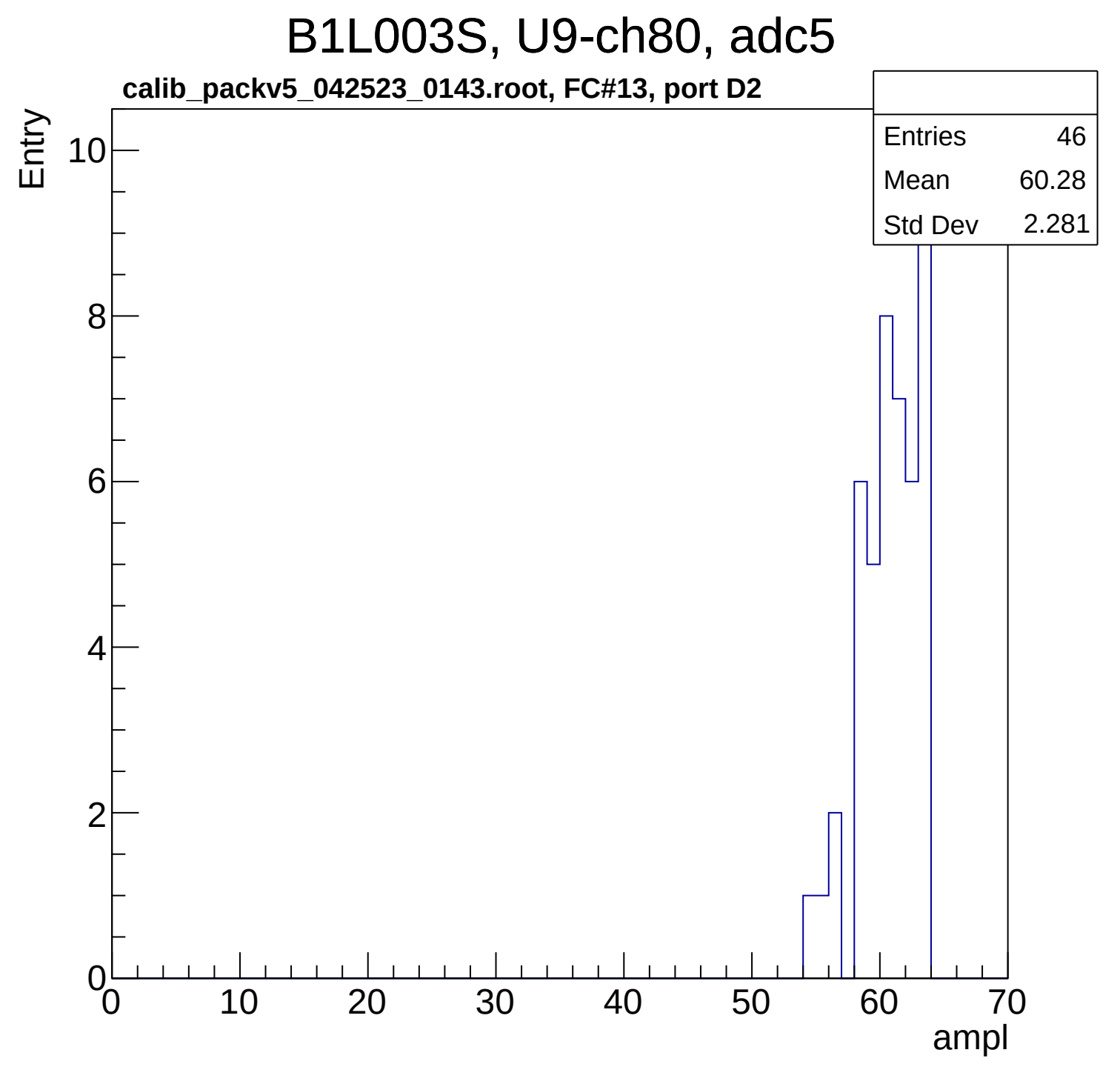
B1L003S, U9-ch80, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 60.28
Std Dev 2.281
Entry
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2
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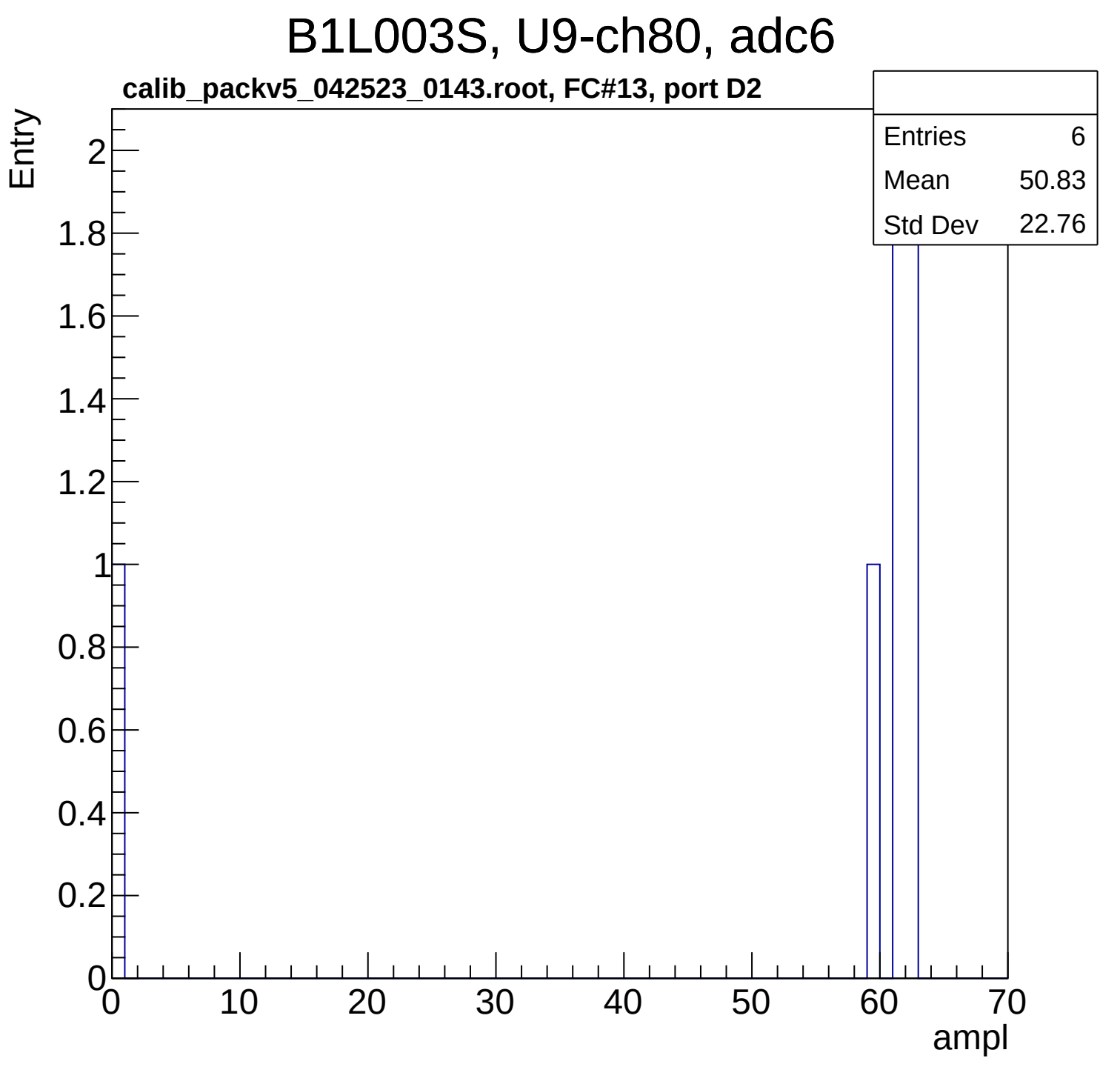
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch80, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 50.83
Std Dev 22.76
Entry
ampl
0
0.2
0.4
0.6
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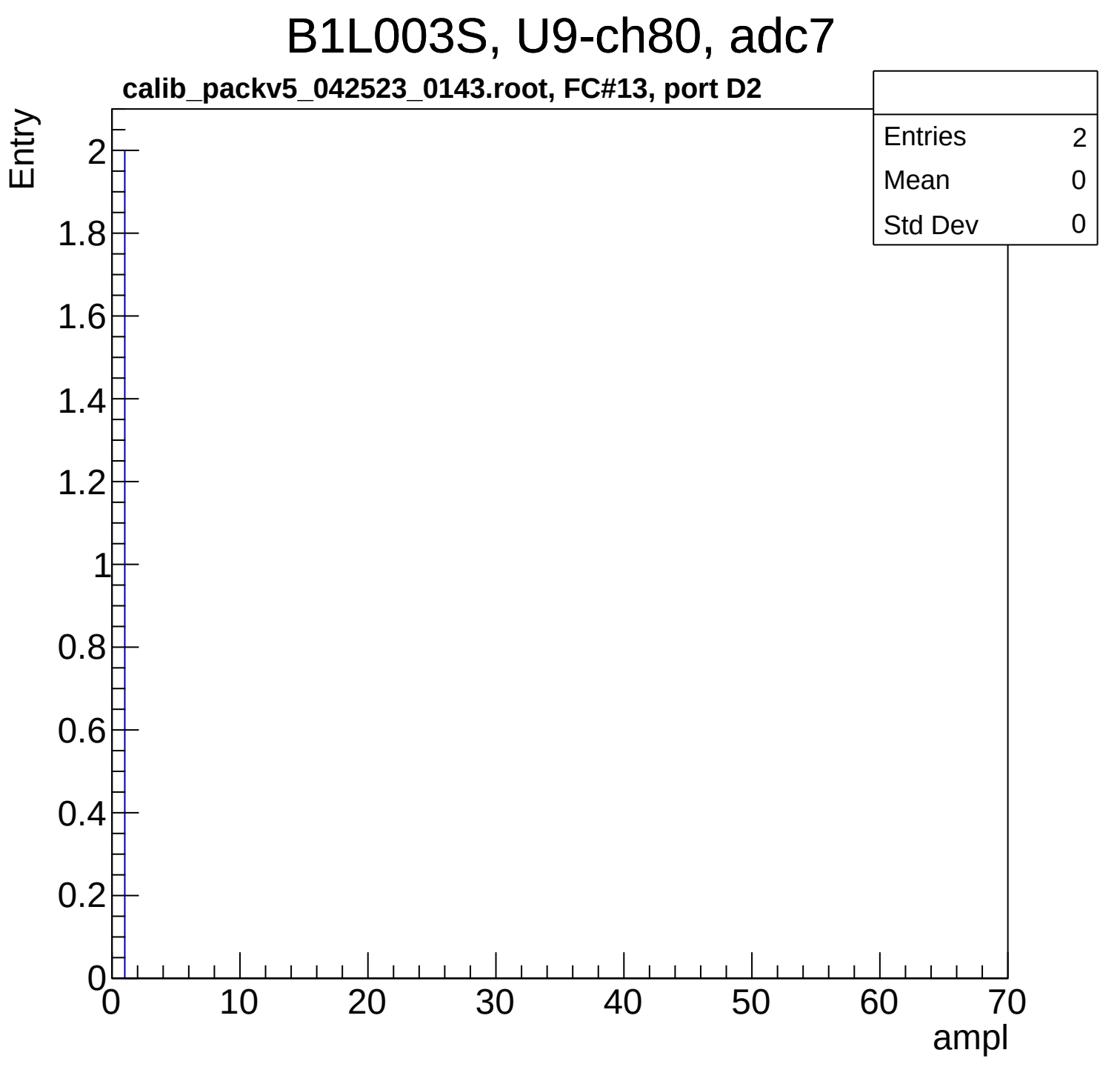
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch80, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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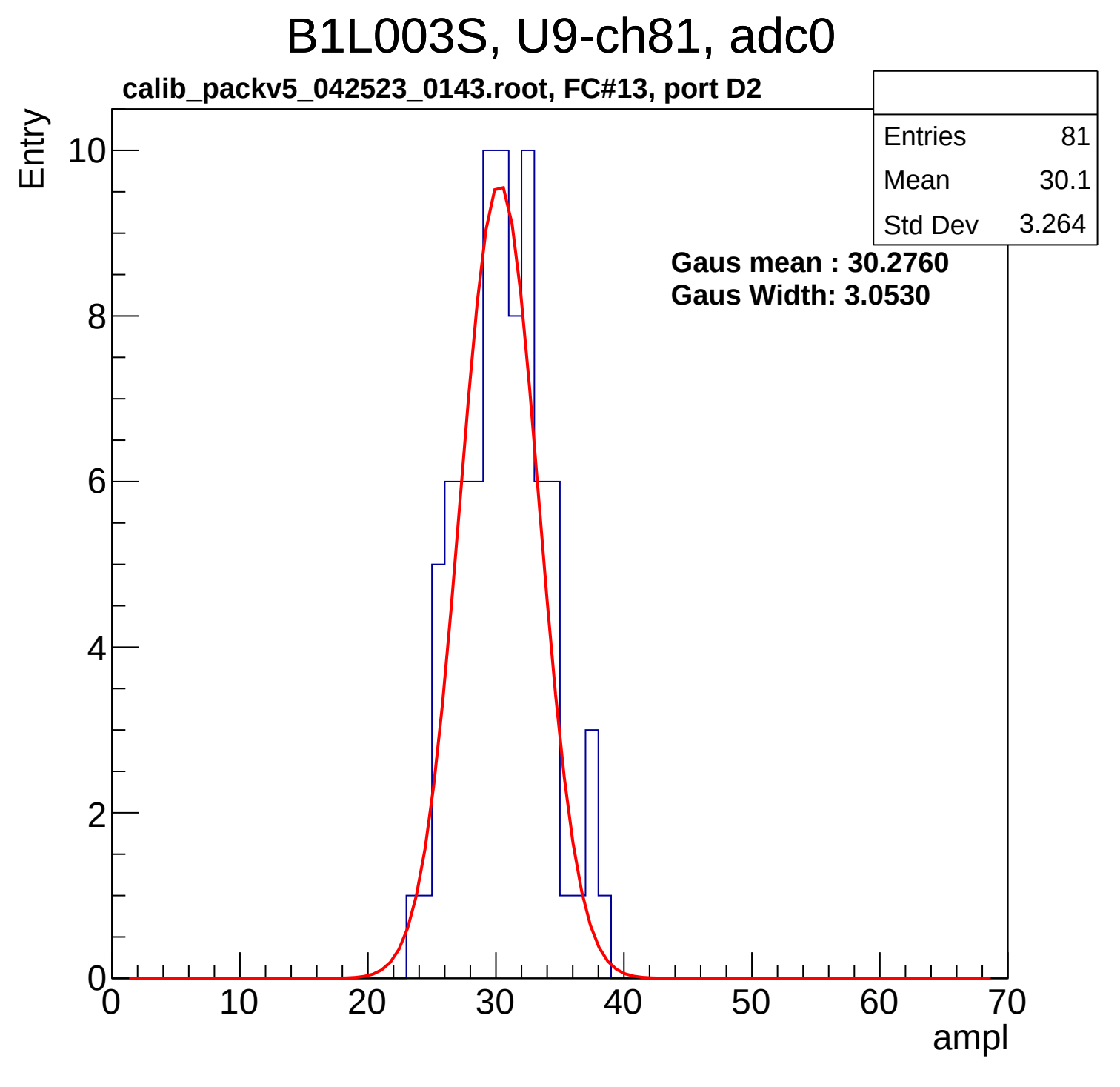
40
50
60
70


B1L003S, U9-ch81, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 30.1
Std Dev 3.264
Gaus mean : 30.2760
Gaus Width: 3.0530
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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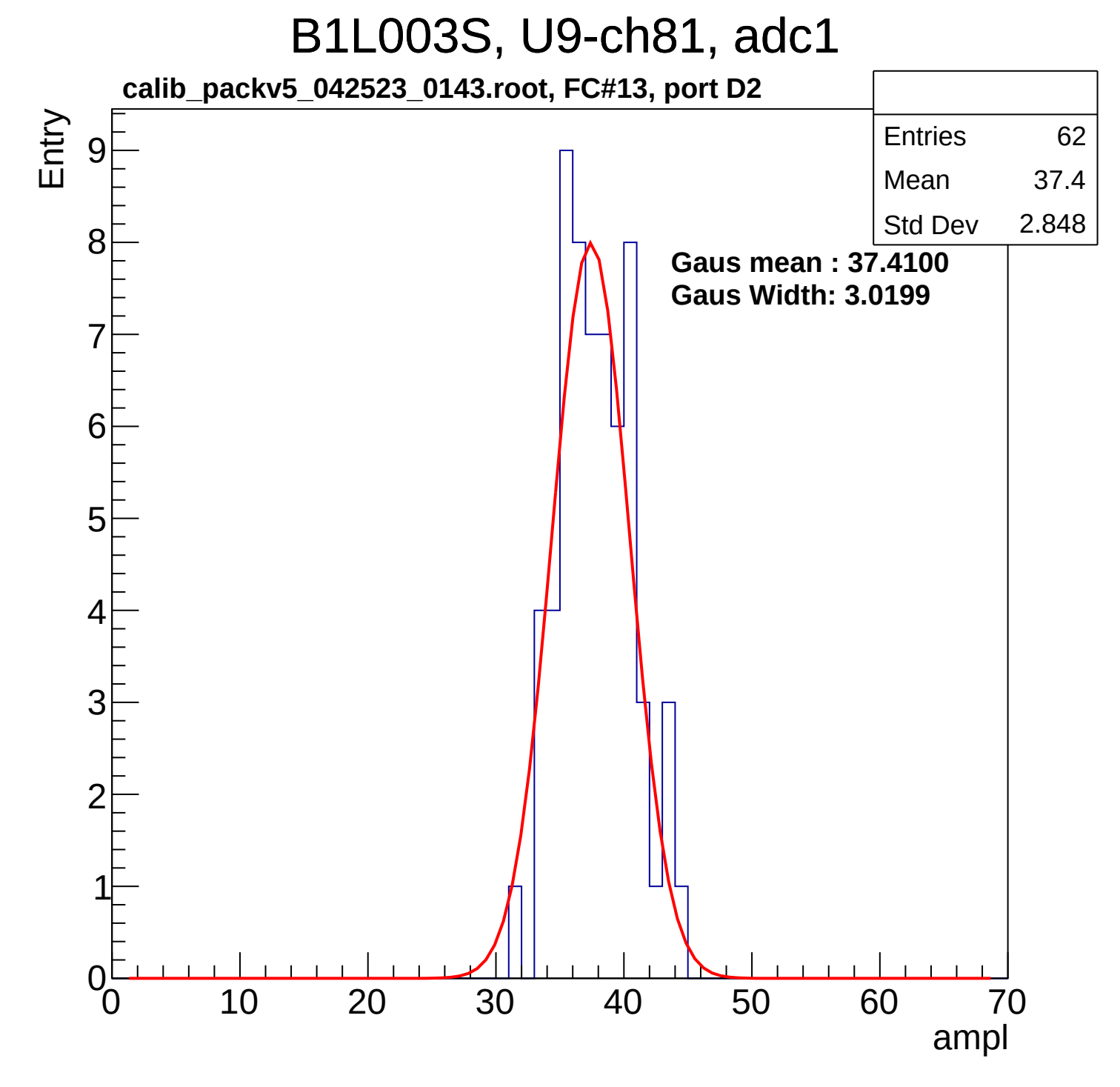
B1L003S, U9-ch81, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 37.4
Std Dev 2.848
Gaus mean : 37.4100
Gaus Width: 3.0199
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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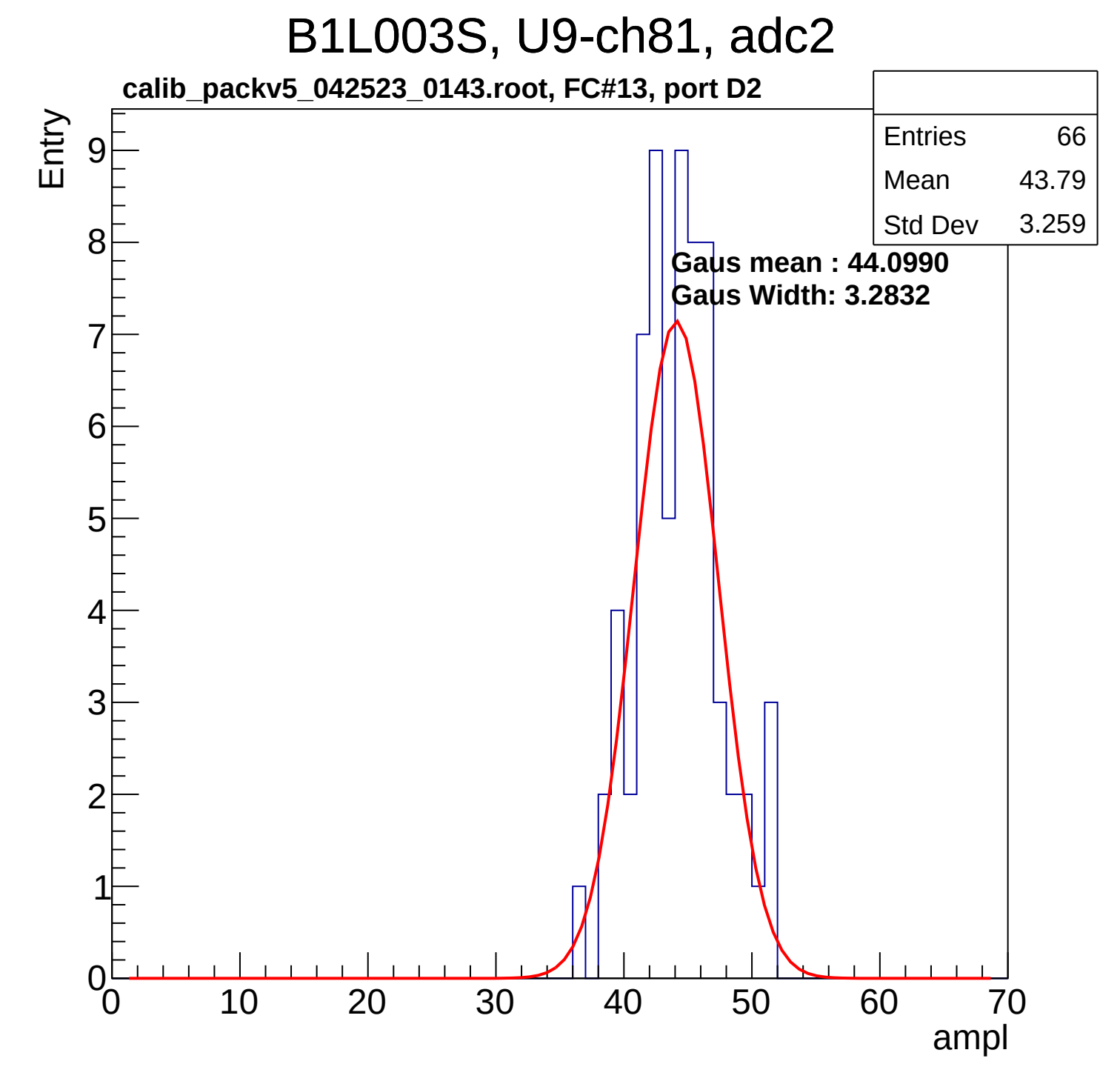
B1L003S, U9-ch81, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 43.79
Std Dev 3.259
Gaus mean : 44.0990
Gaus Width: 3.2832
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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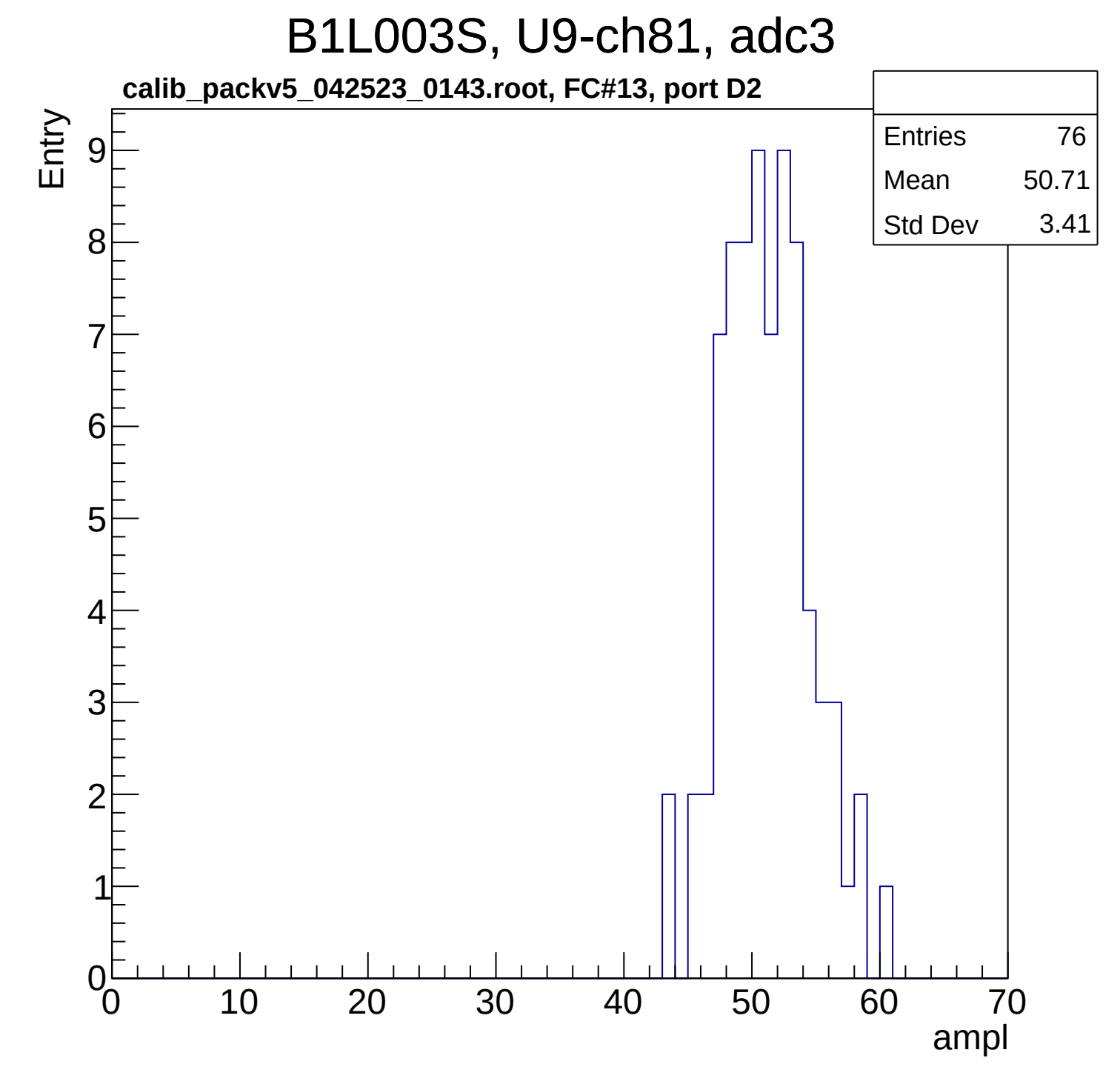
B1L003S, U9-ch81, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 50.71
Std Dev 3.41
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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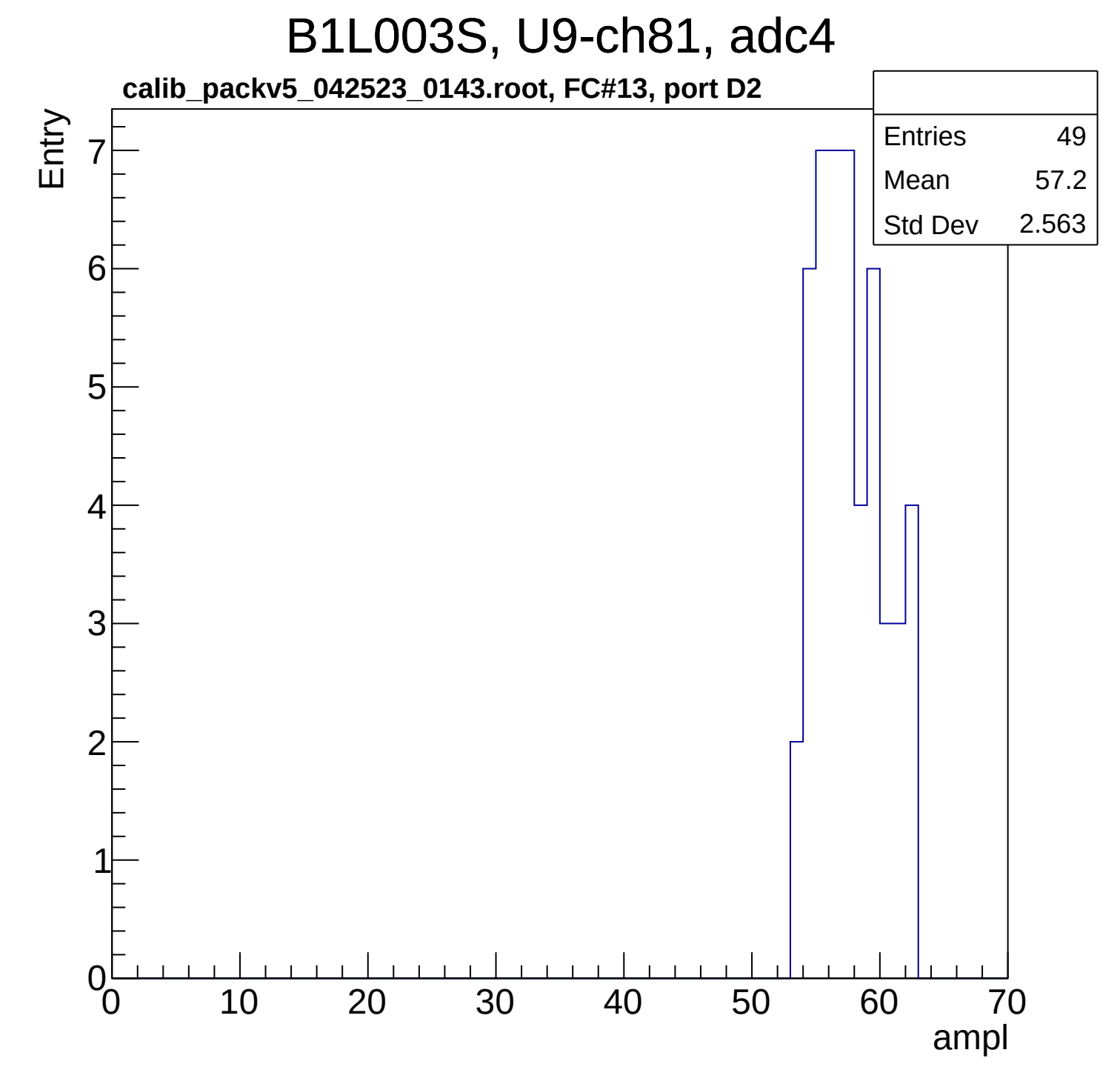
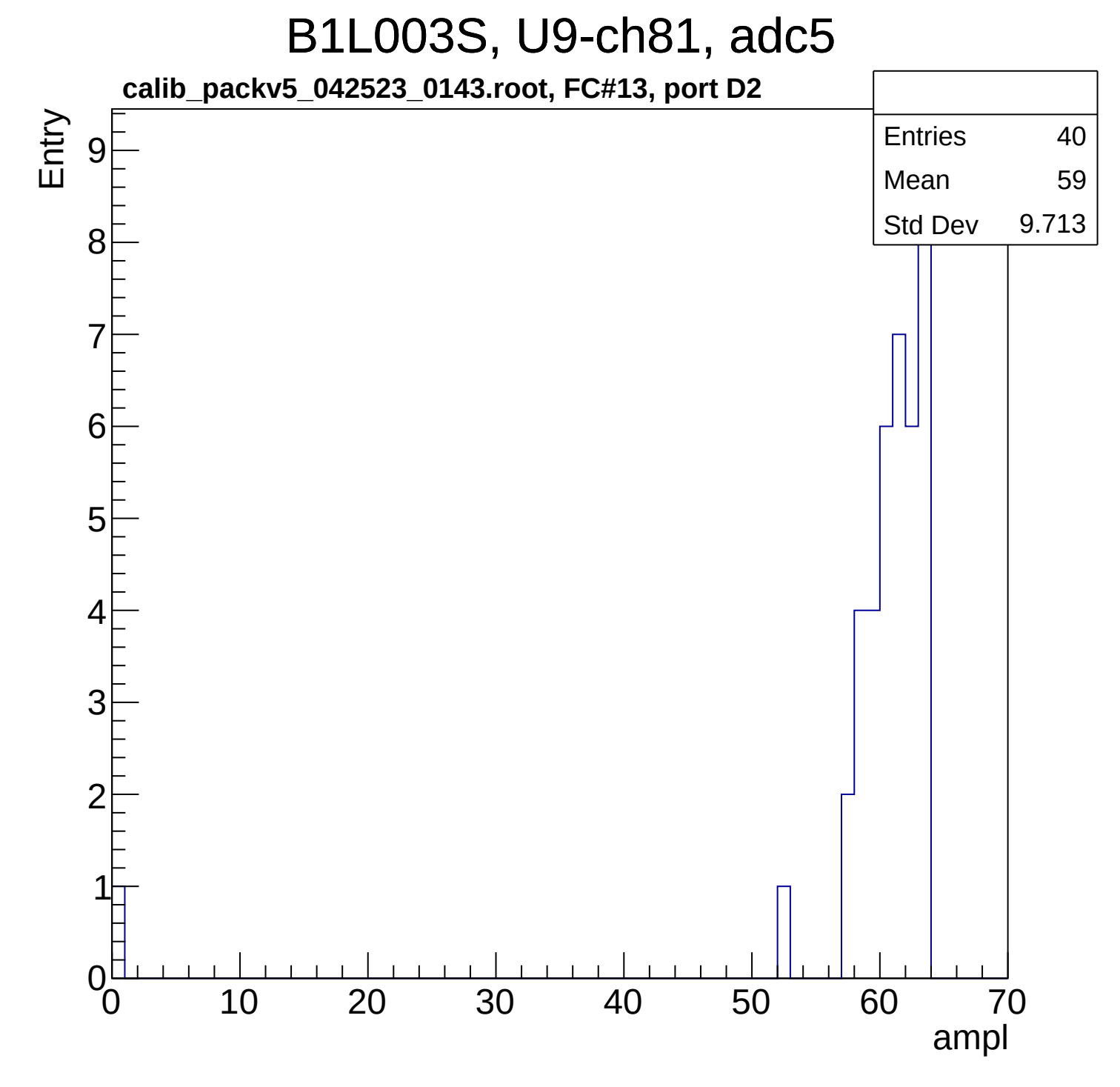

B1L003S, U9-ch81, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 57.2
Std Dev 2.563
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch81, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 59
Std Dev 9.713
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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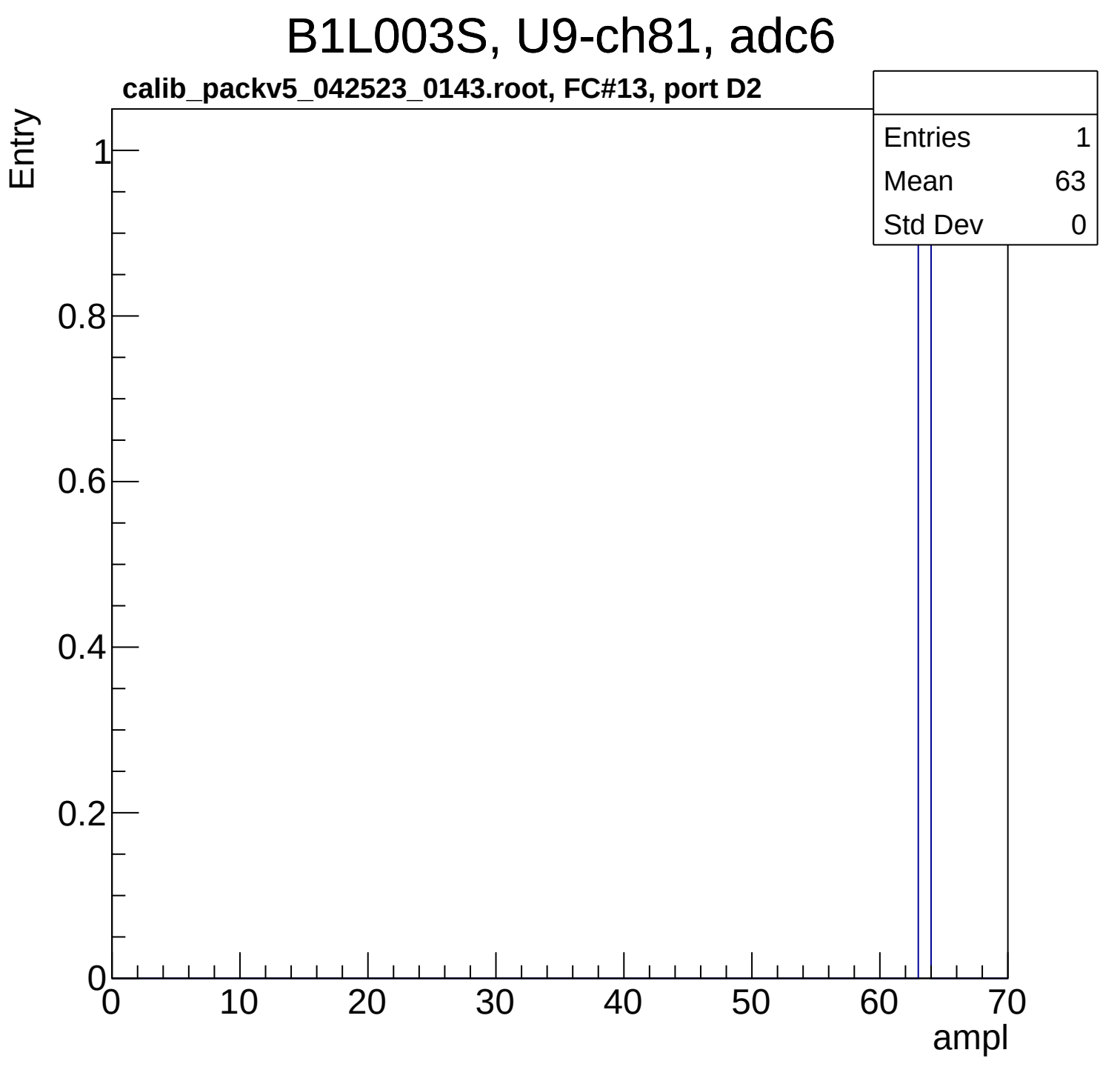
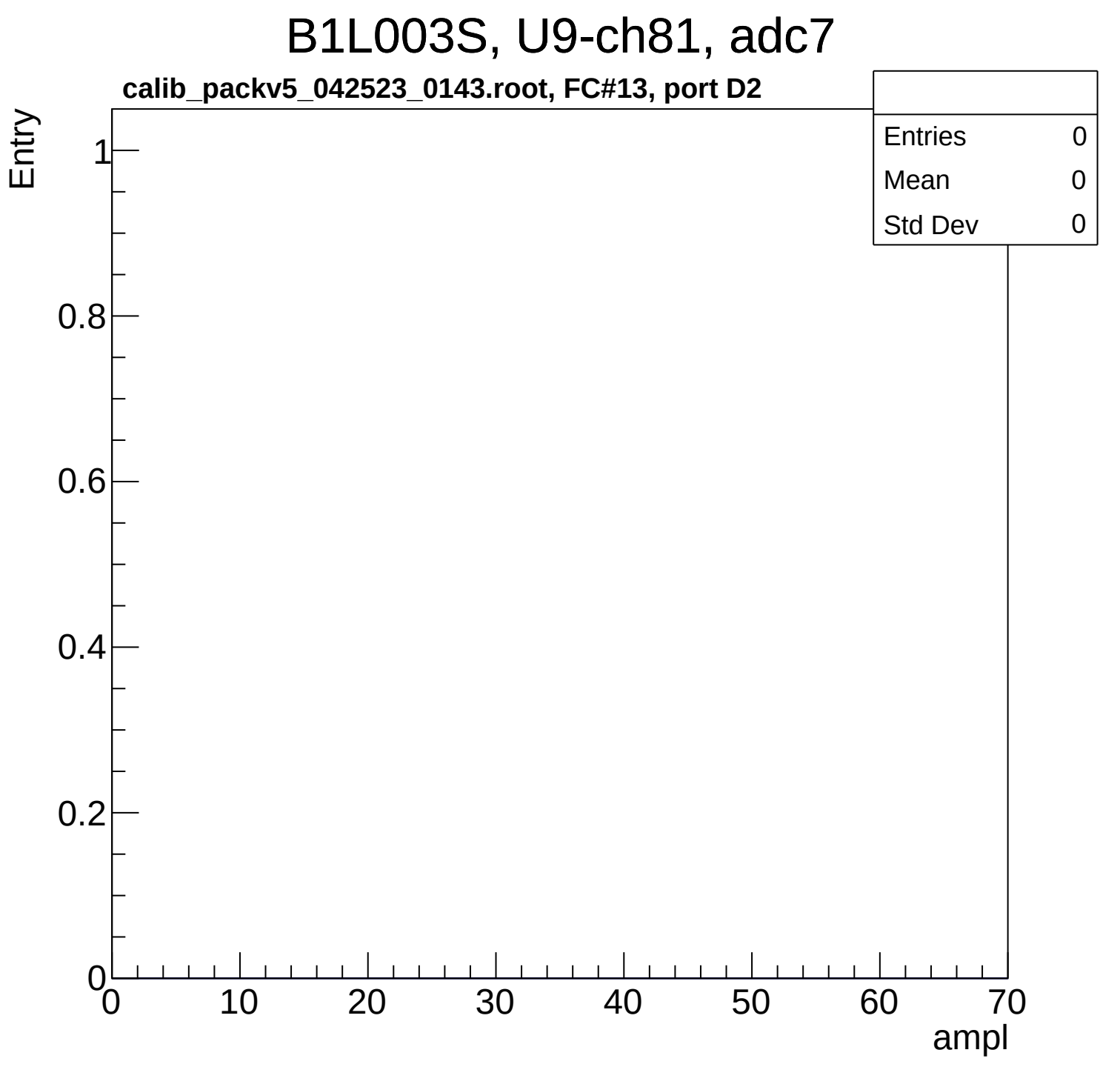
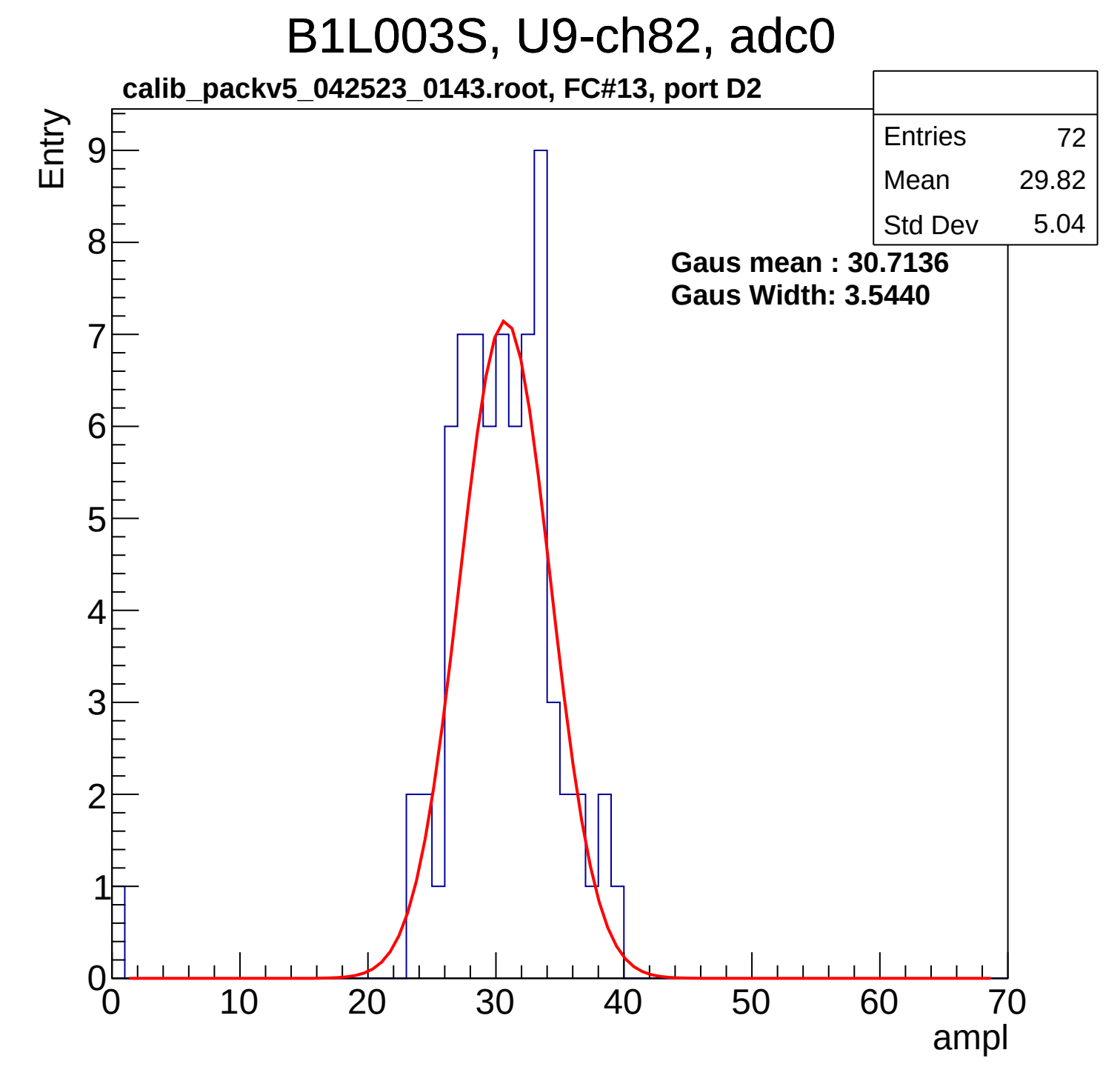
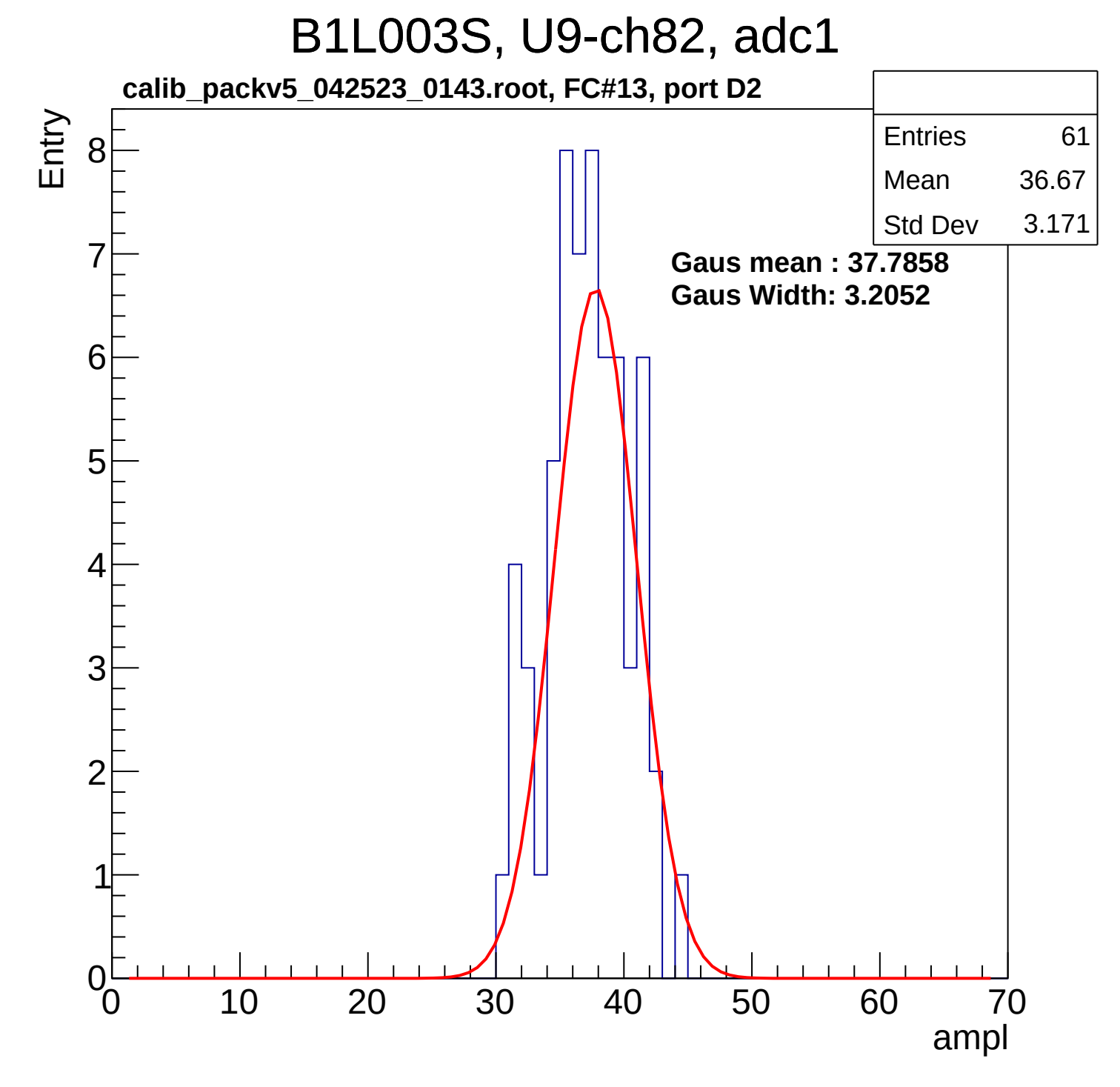

B1L003S, U9-ch81, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch81, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch82, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 29.82
Std Dev 5.04
Gaus mean : 30.7136
Gaus Width: 3.5440
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch82, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.67
Std Dev 3.171
Gaus mean : 37.7858
Gaus Width: 3.2052
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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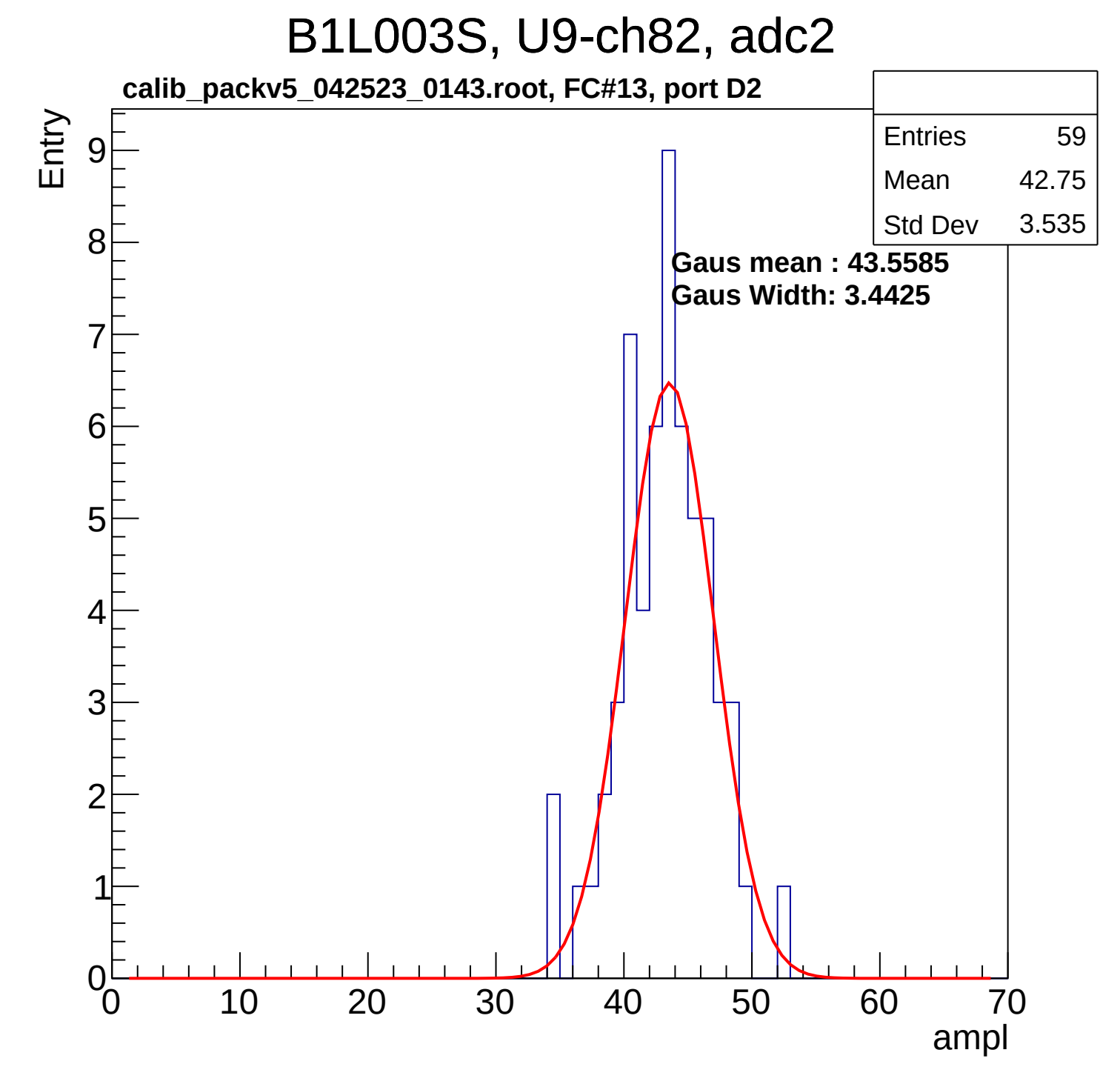
B1L003S, U9-ch82, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 42.75
Std Dev 3.535
Gaus mean : 43.5585
Gaus Width: 3.4425
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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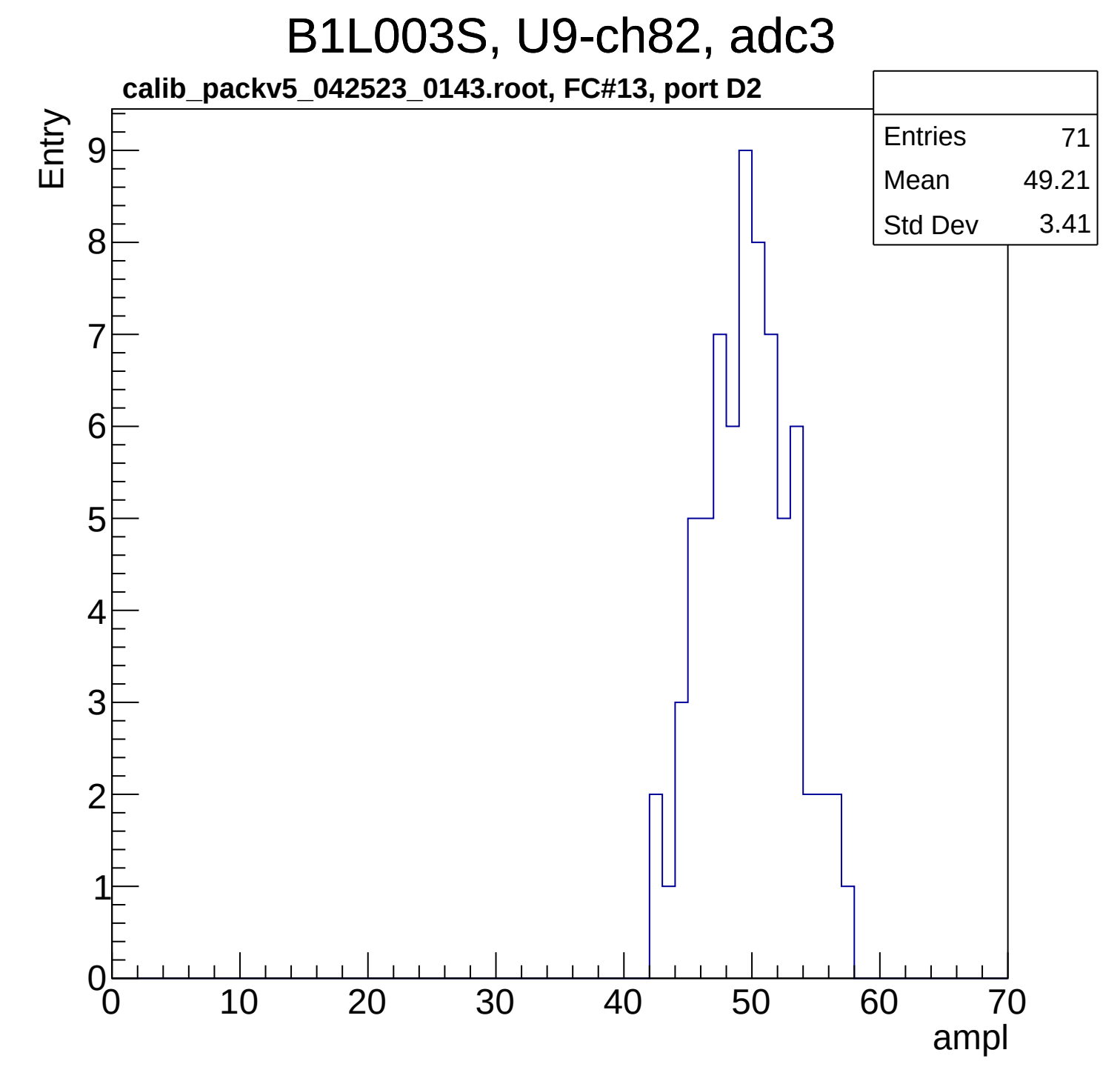
B1L003S, U9-ch82, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 49.21
Std Dev 3.41
Entry
ampl
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2
3
4
5
6
7
8
9
0
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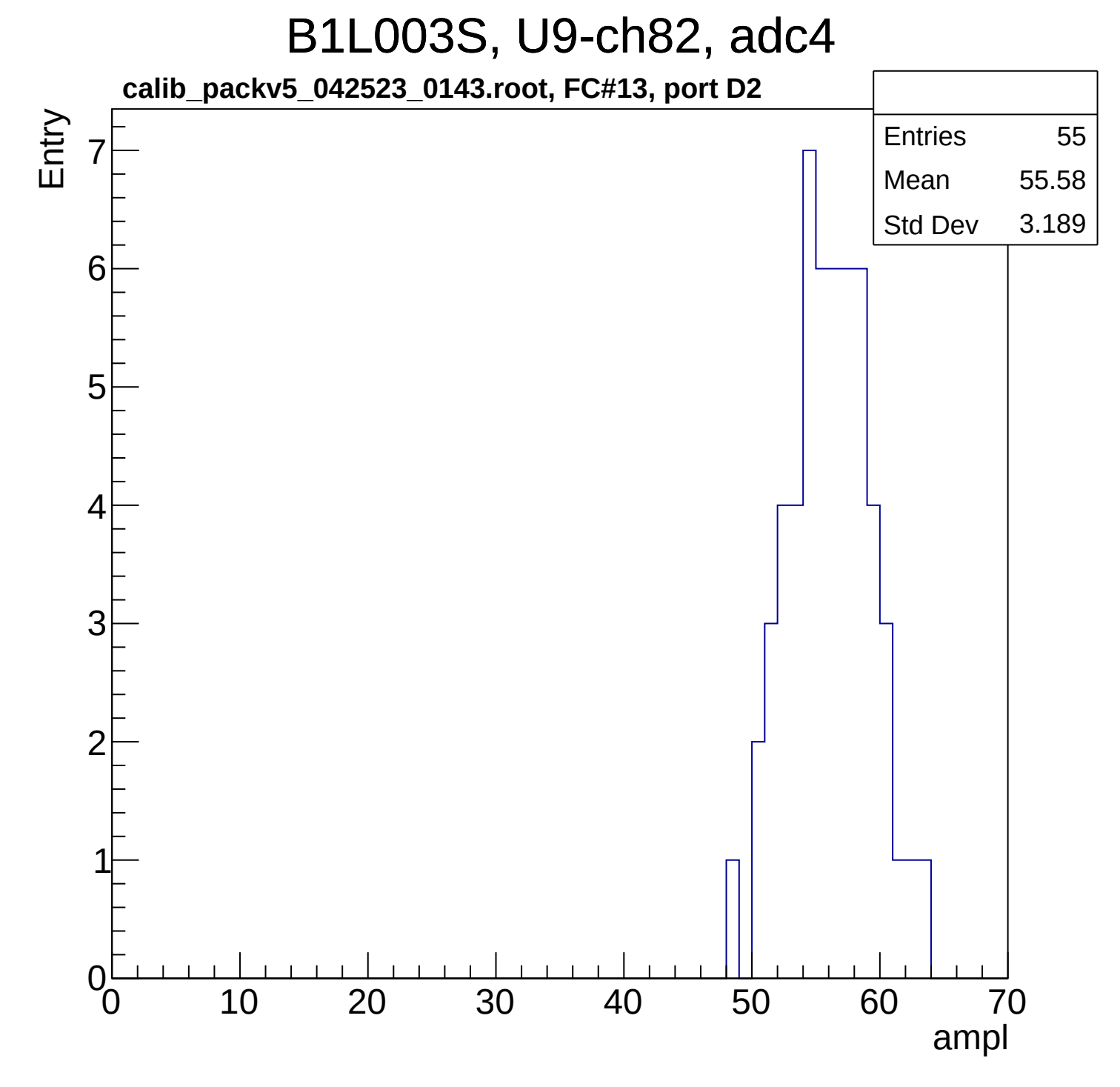
B1L003S, U9-ch82, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 55.58
Std Dev 3.189
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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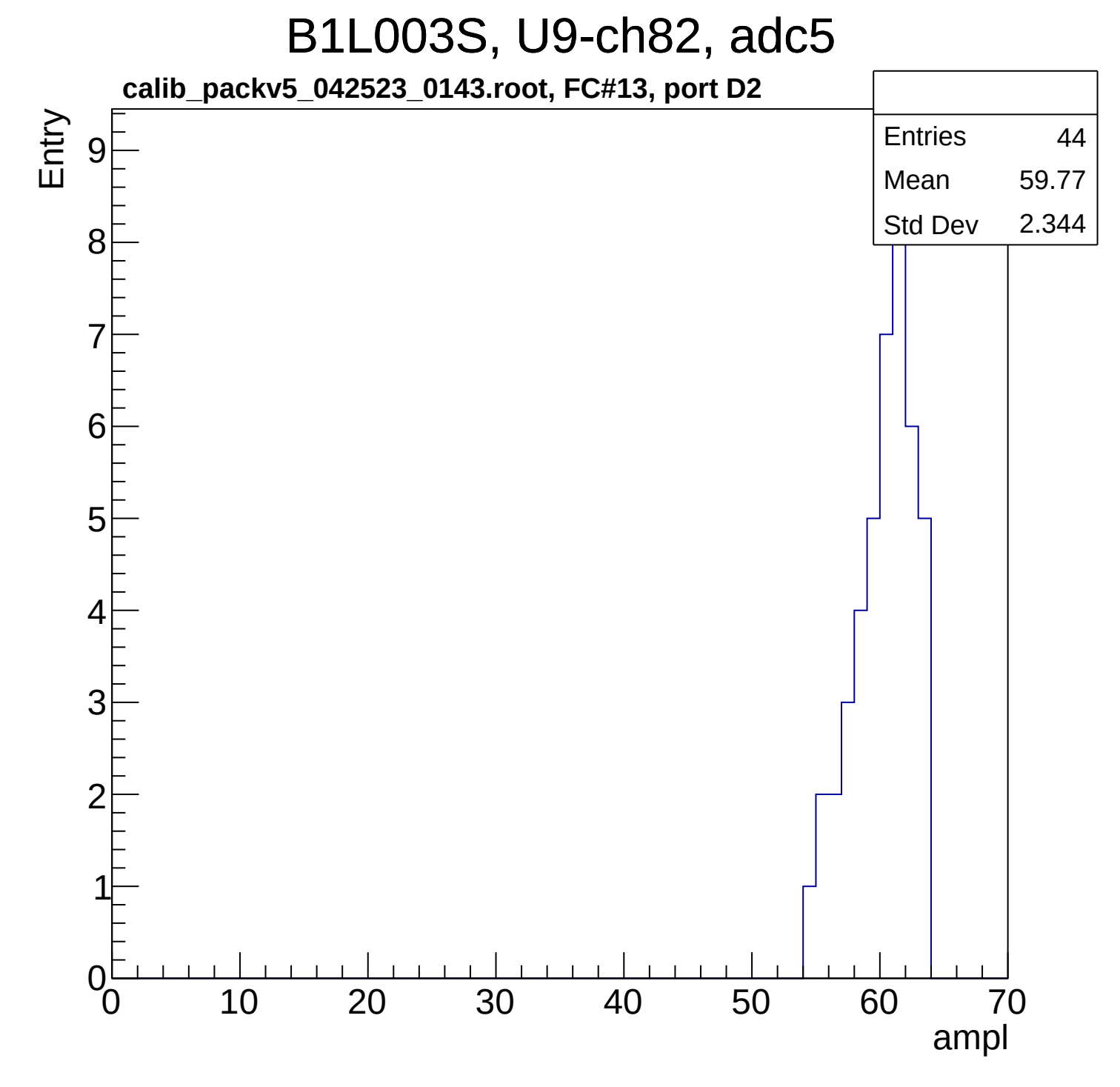
B1L003S, U9-ch82, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.77
Std Dev 2.344
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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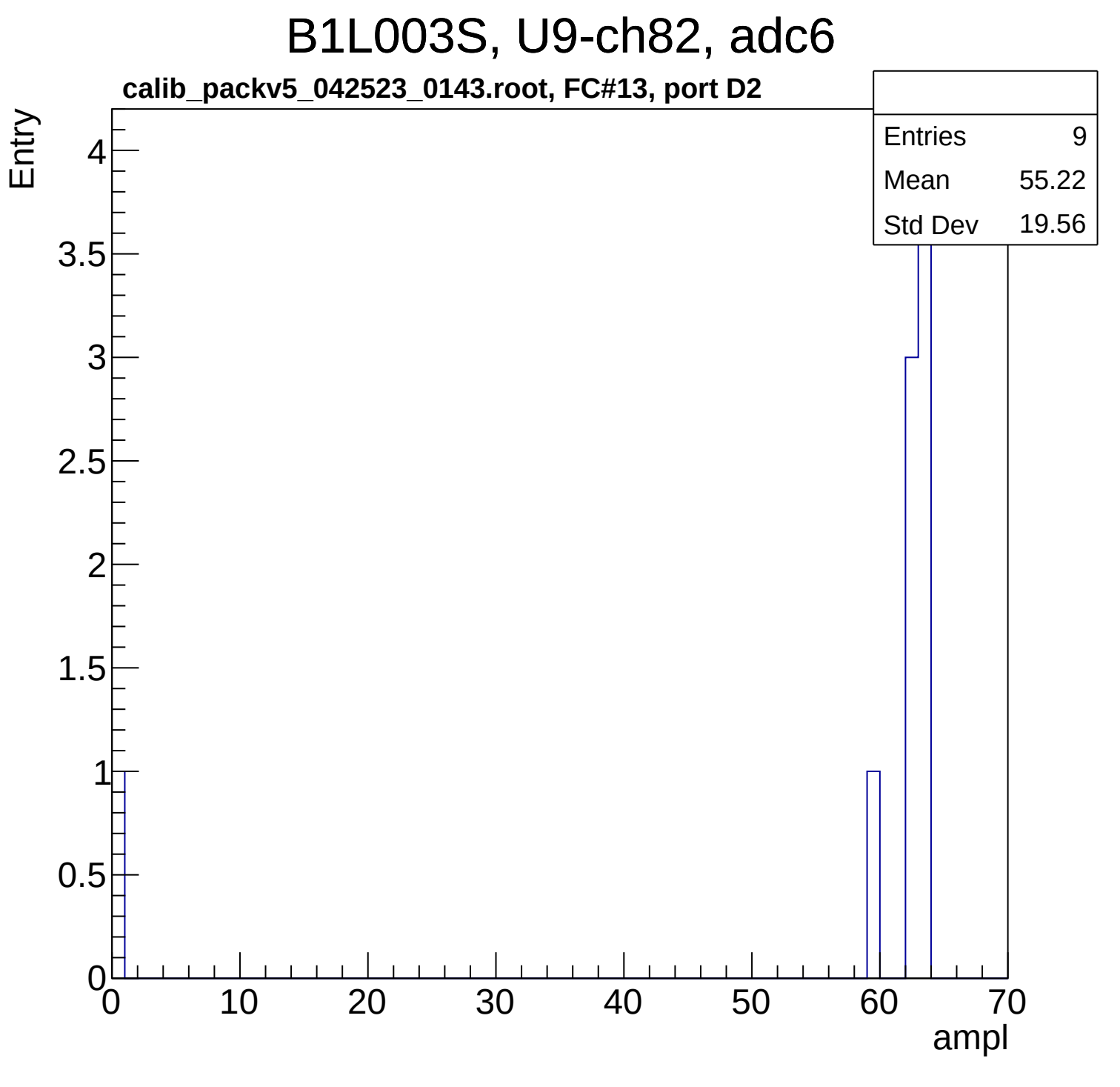
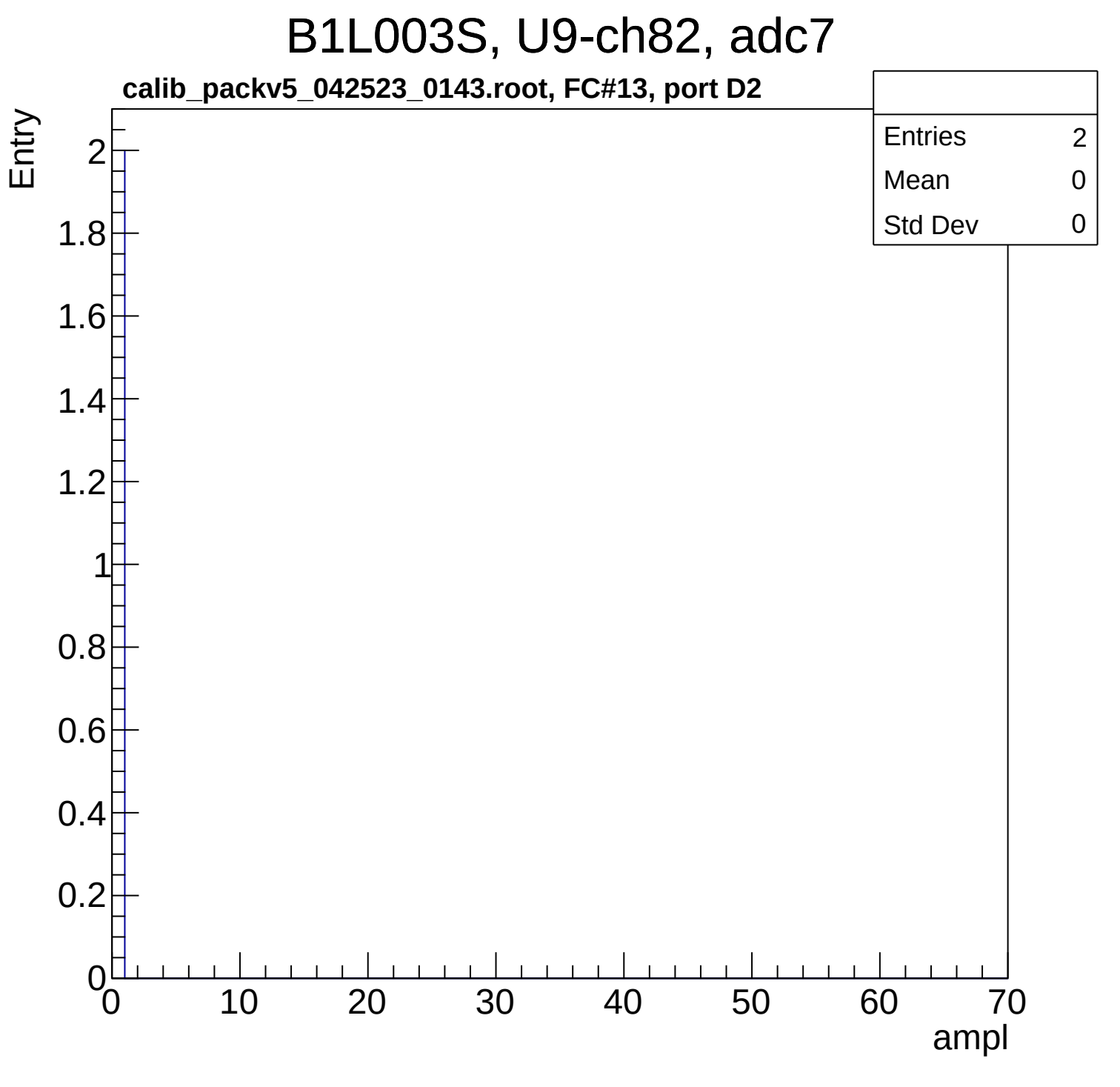
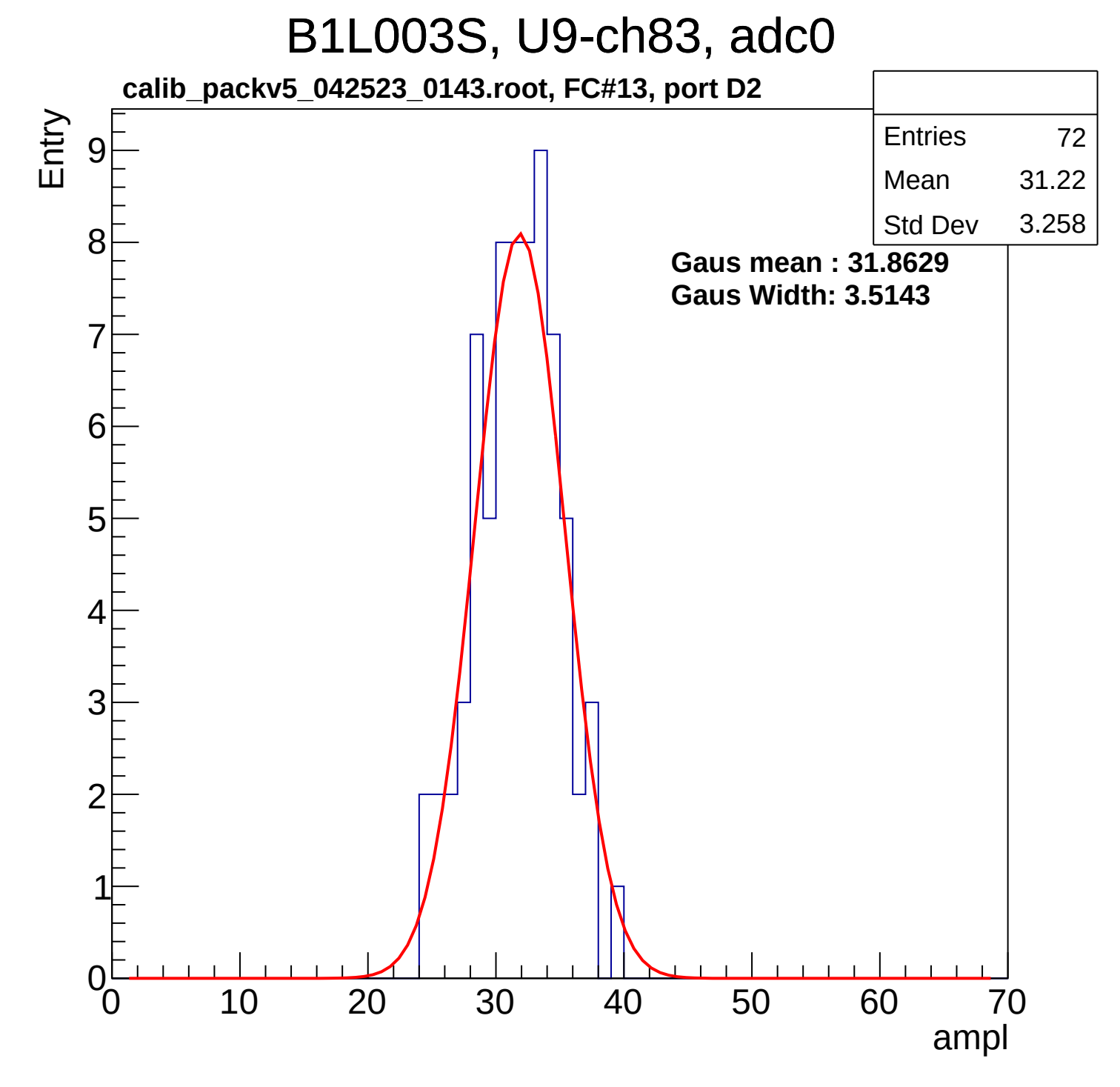

B1L003S, U9-ch82, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 55.22
Std Dev 19.56
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U9-ch82, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch83, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 31.22
Std Dev 3.258
Gaus mean : 31.8629
Gaus Width: 3.5143
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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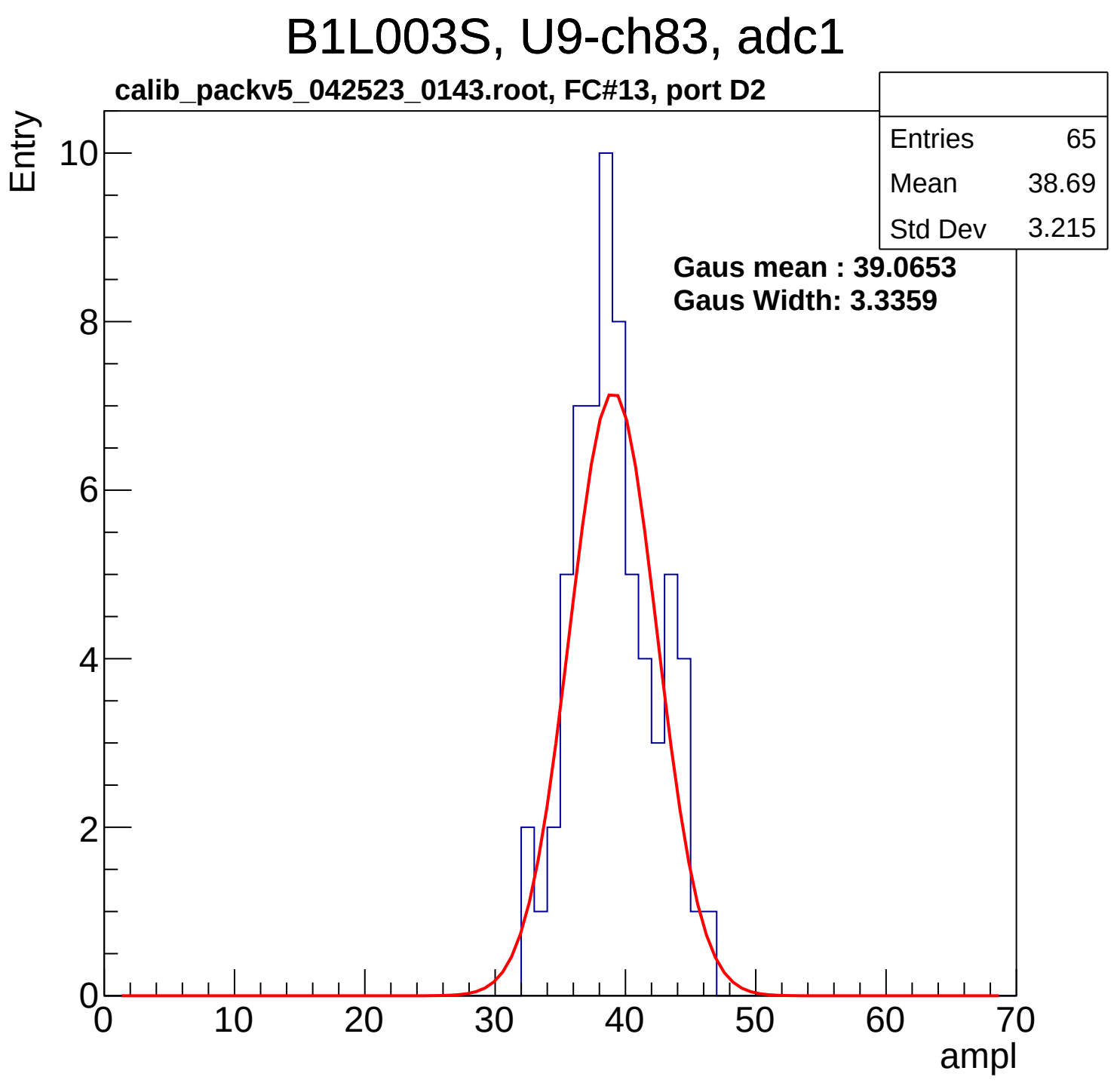
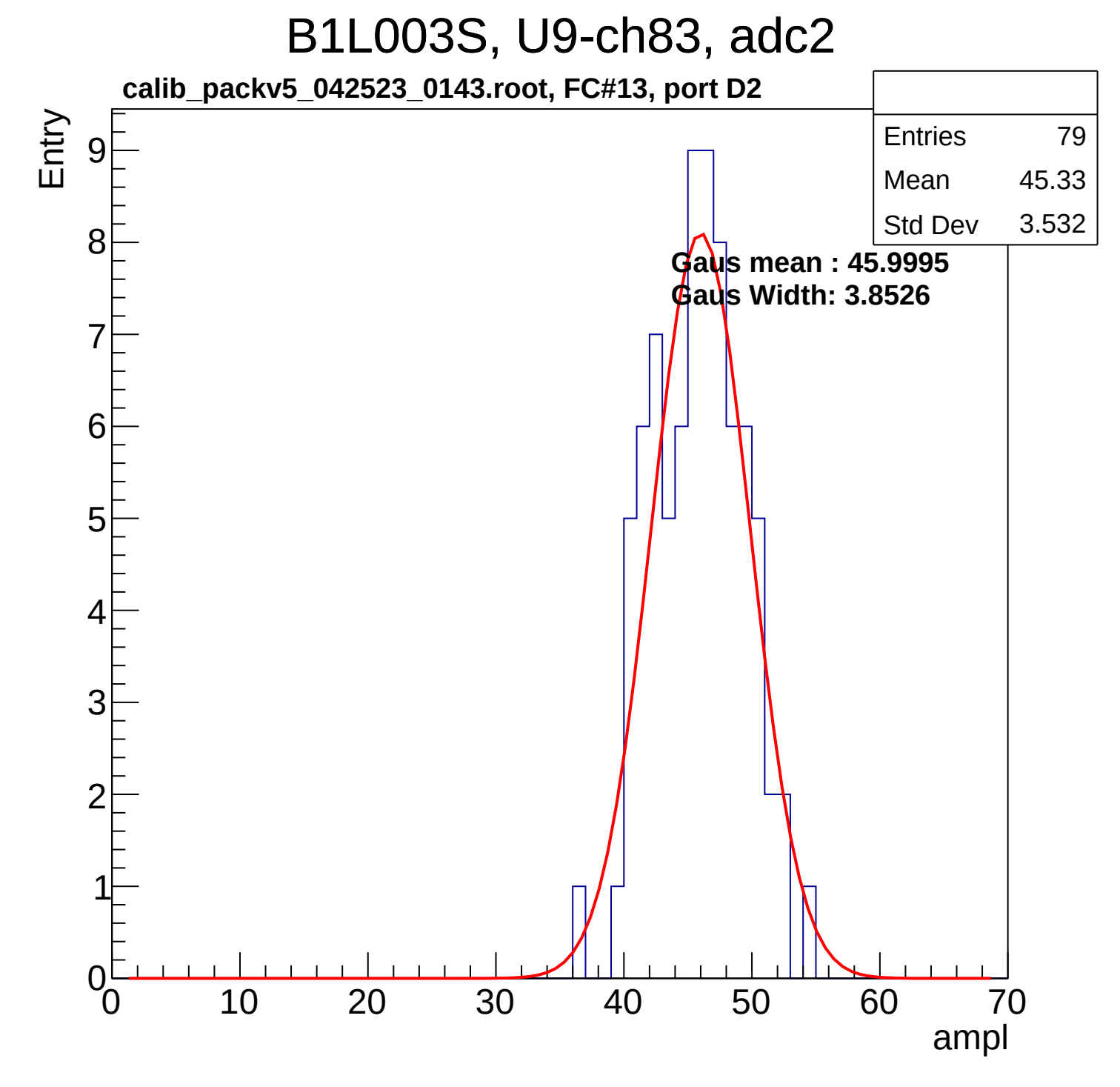
20
30
40
50
60
70


B1L003S, U9-ch83, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 38.69
Std Dev 3.215
Gaus mean : 39.0653
Gaus Width: 3.3359
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch83, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 45.33
Std Dev 3.532
Gaus mean : 45.9995
Gaus Width: 3.8526
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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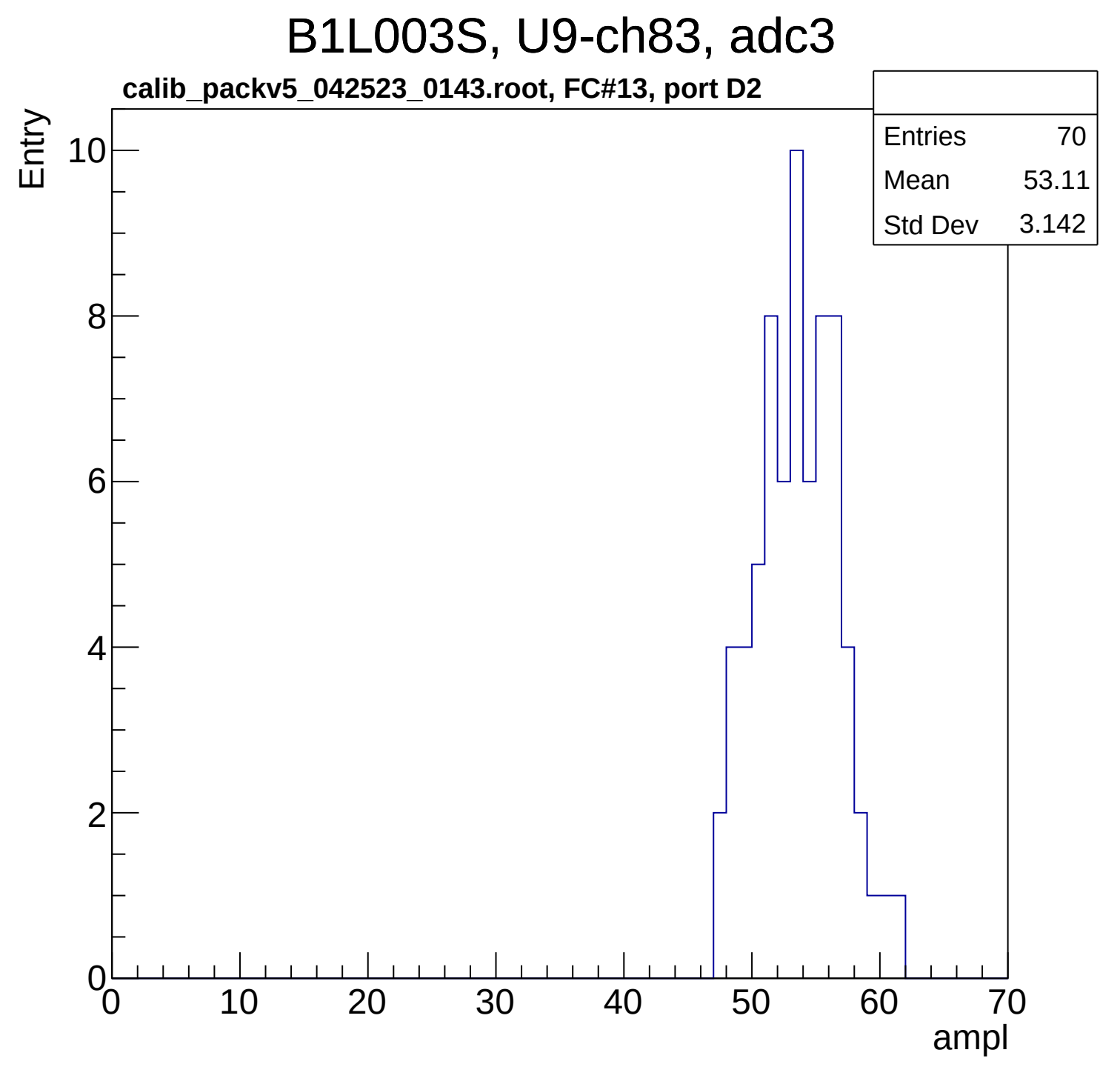
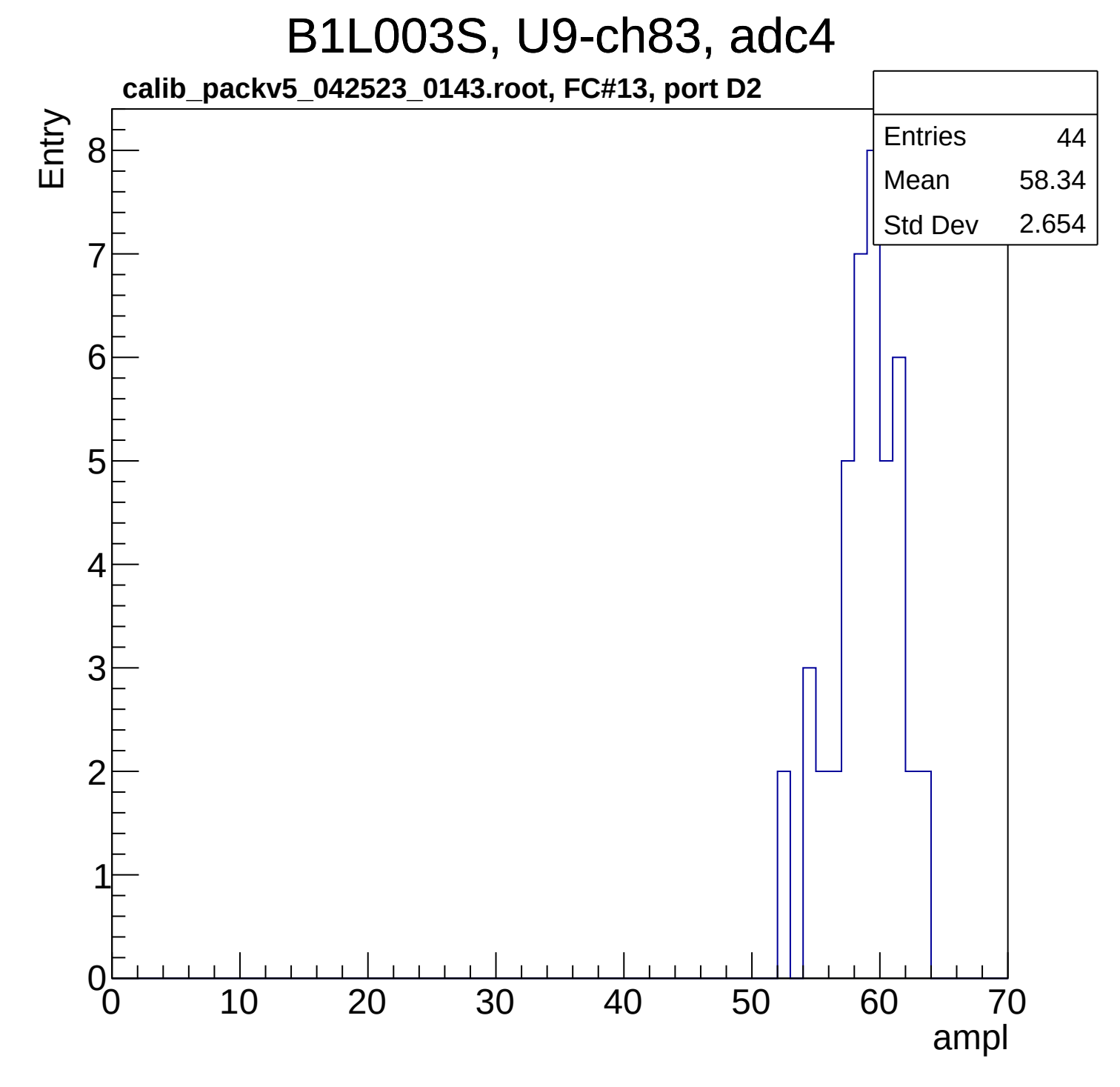

B1L003S, U9-ch83, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 53.11
Std Dev 3.142
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch83, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 58.34
Std Dev 2.654
Entry
ampl
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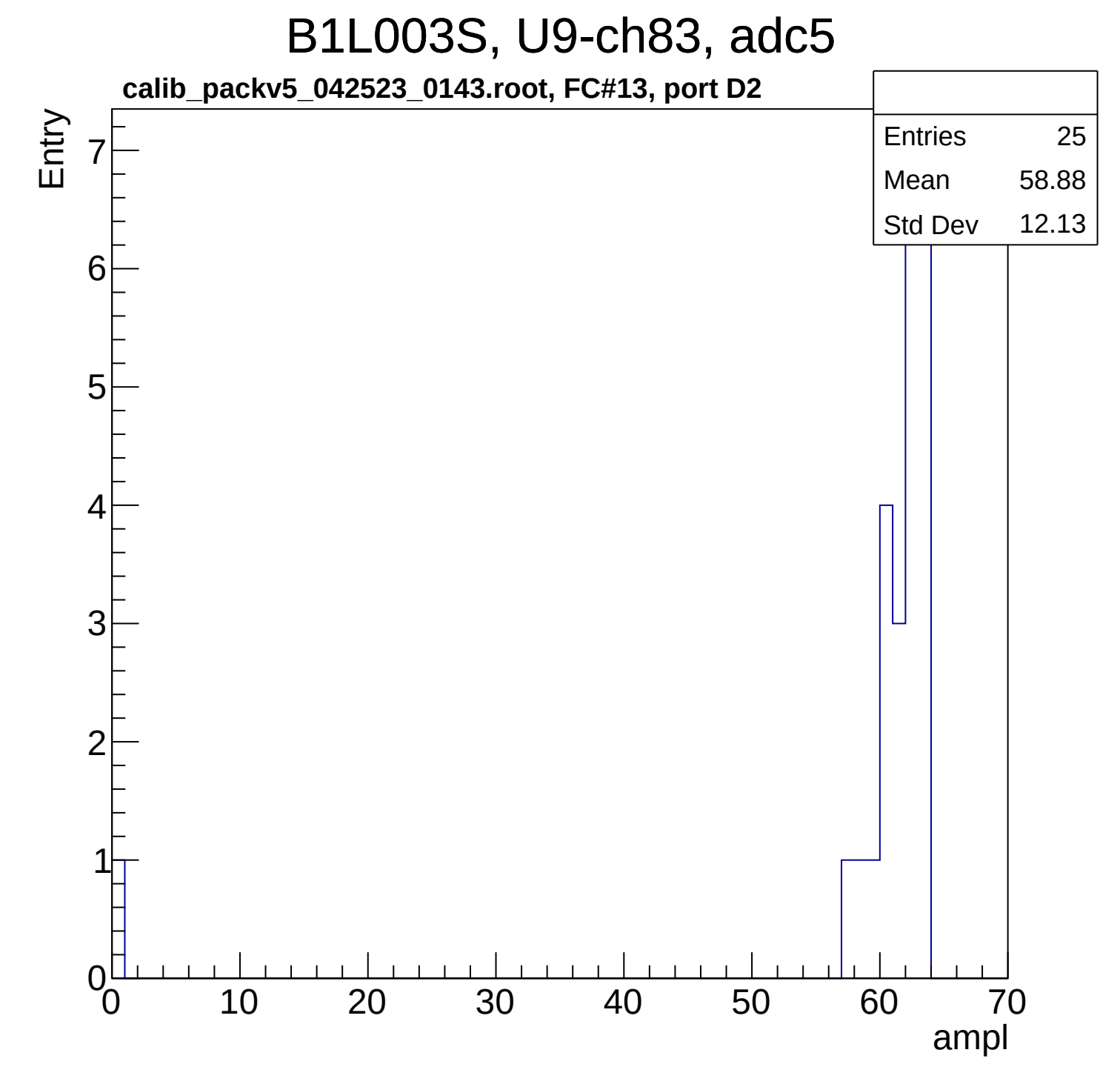
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch83, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 25
Mean 58.88
Std Dev 12.13
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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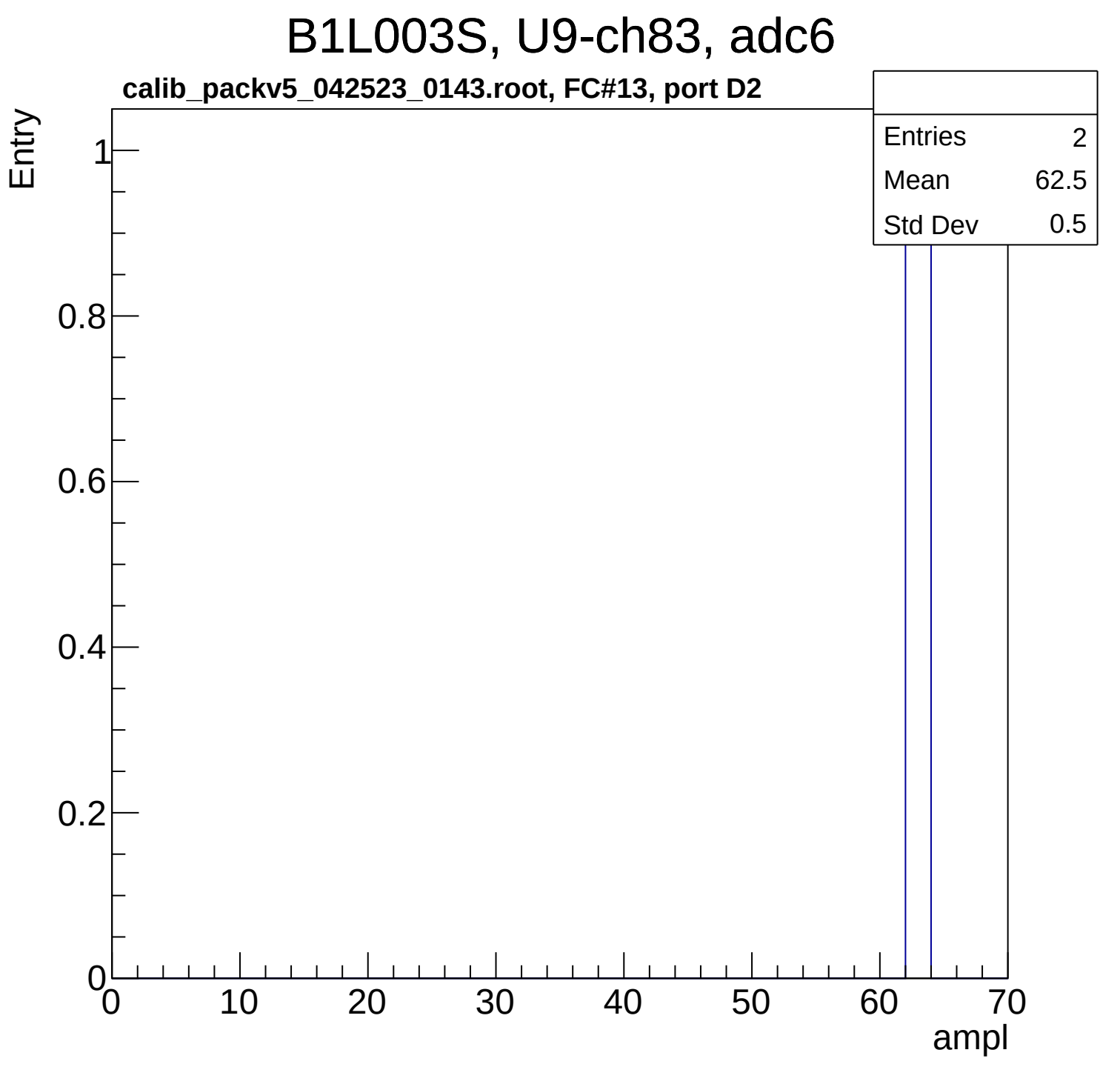
B1L003S, U9-ch83, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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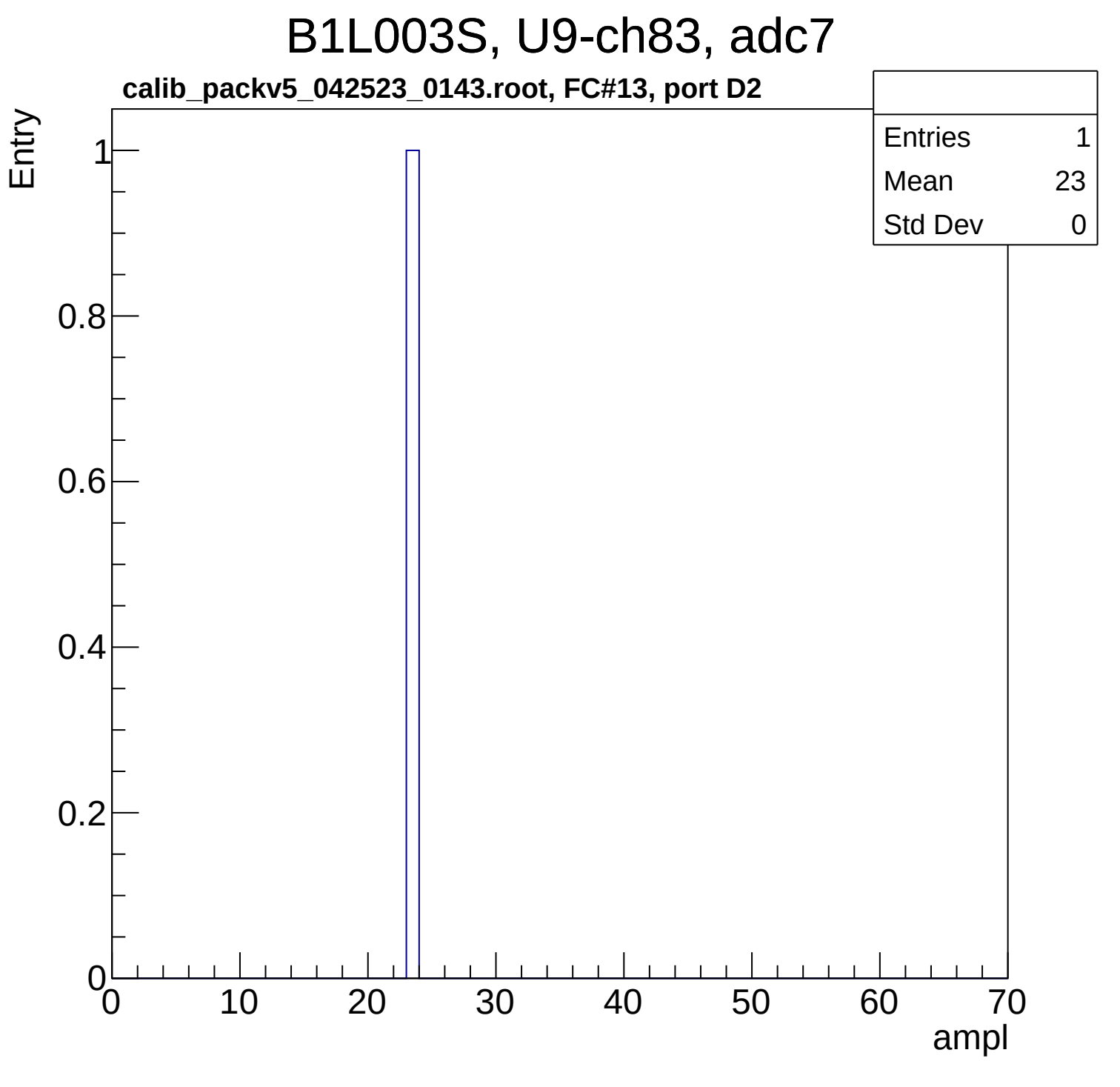
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch83, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 23
Std Dev 0
Entry
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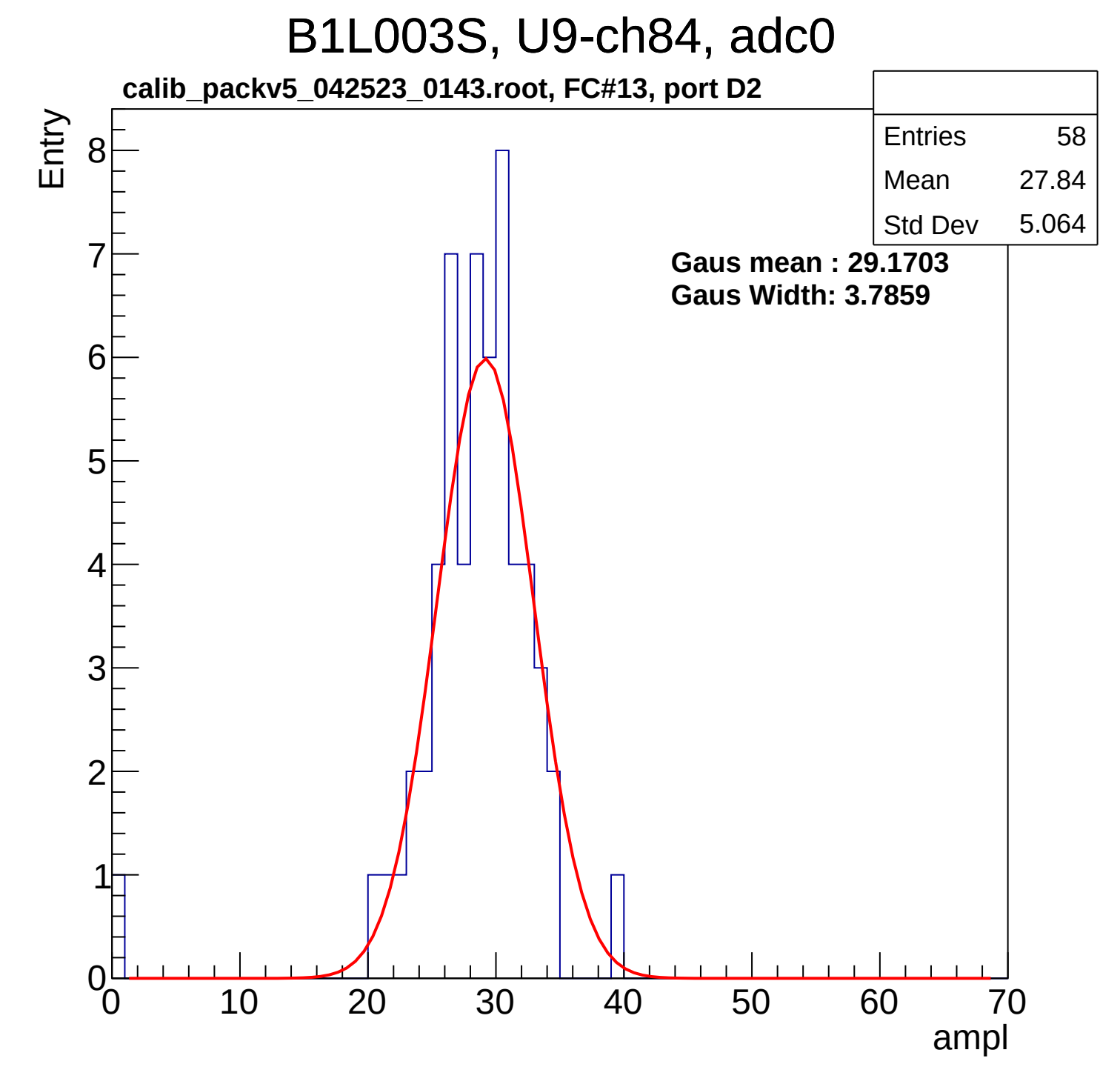
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch84, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 27.84
Std Dev 5.064
Gaus mean : 29.1703
Gaus Width: 3.7859
Entry
ampl
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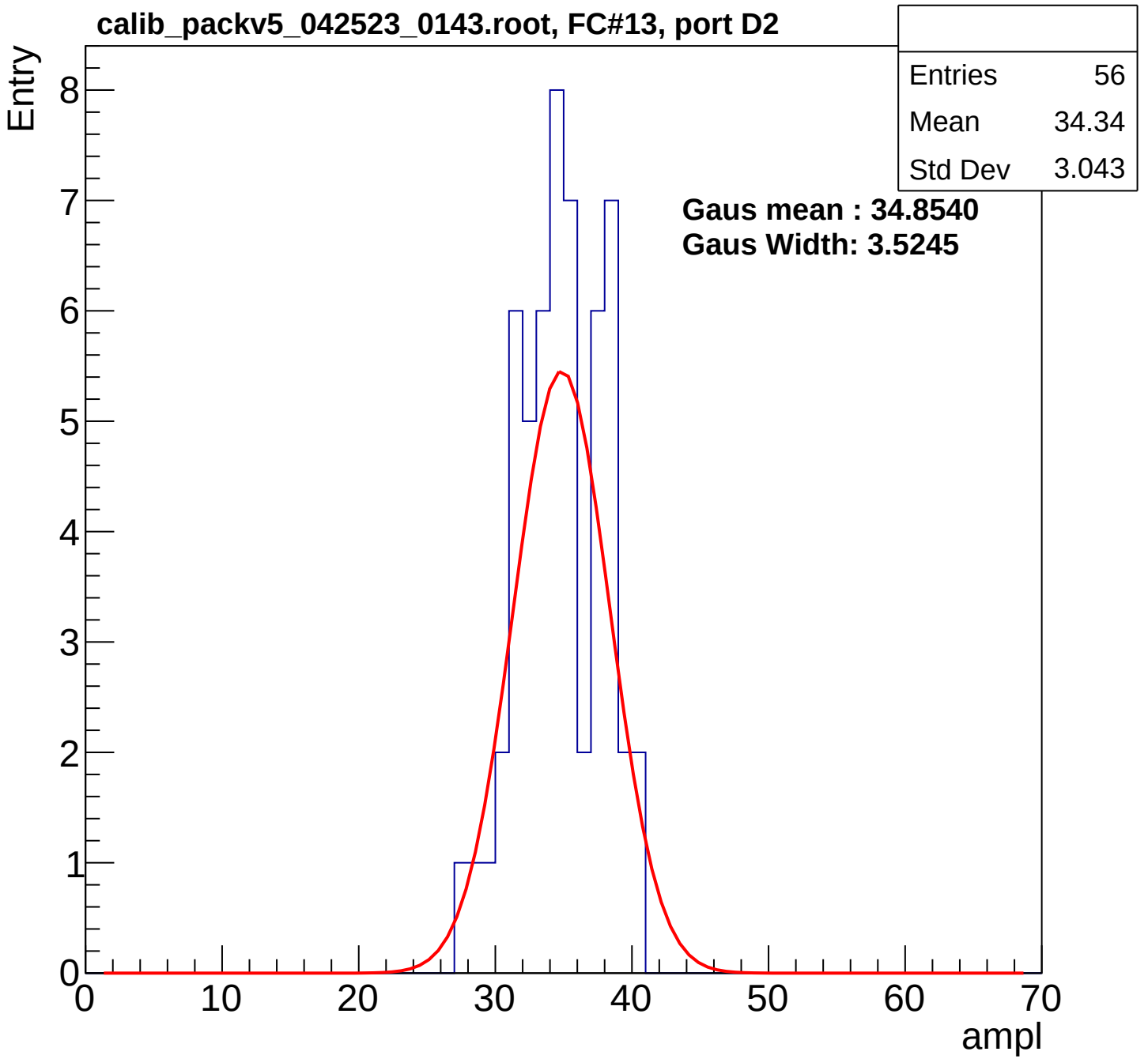
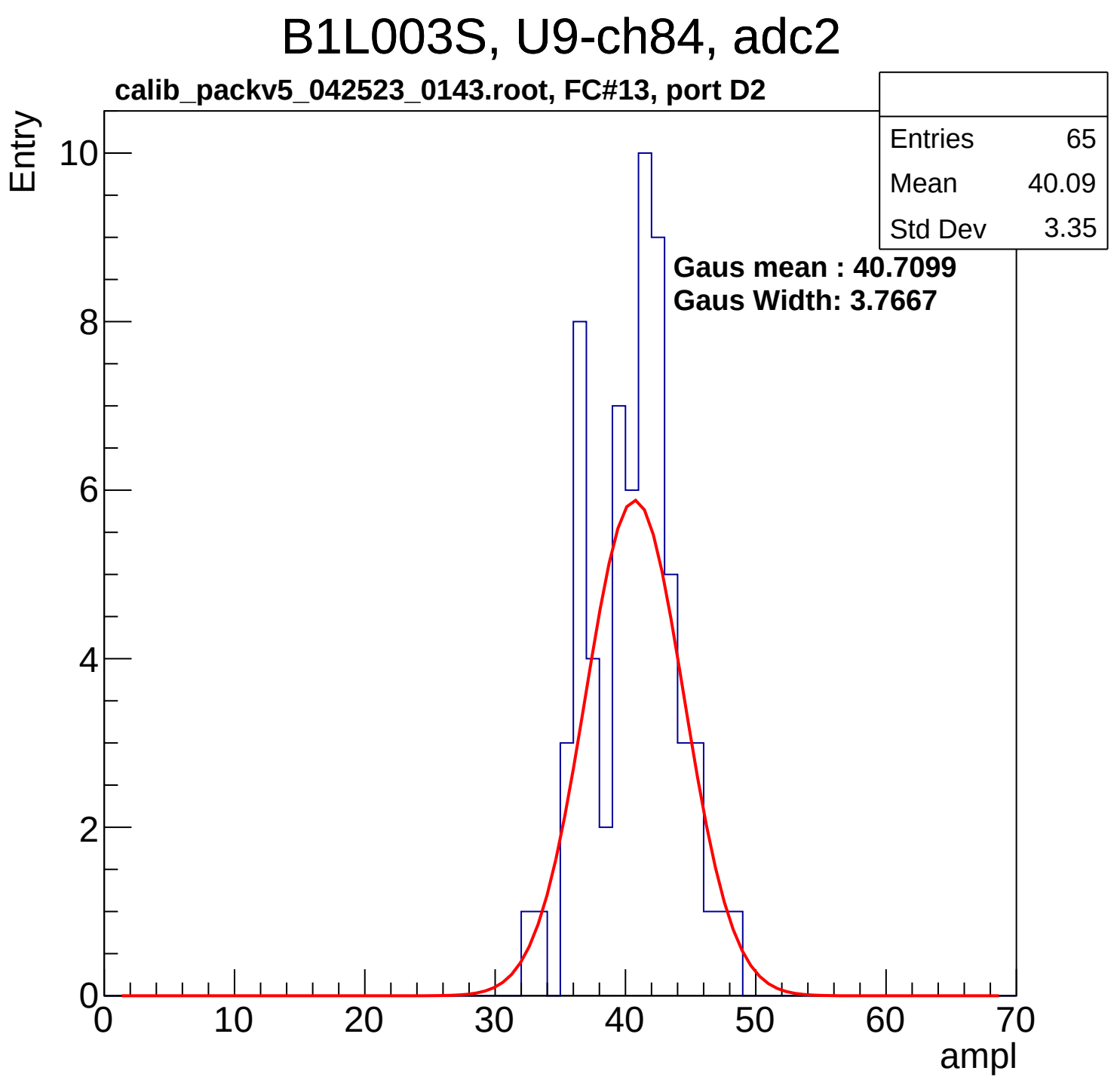
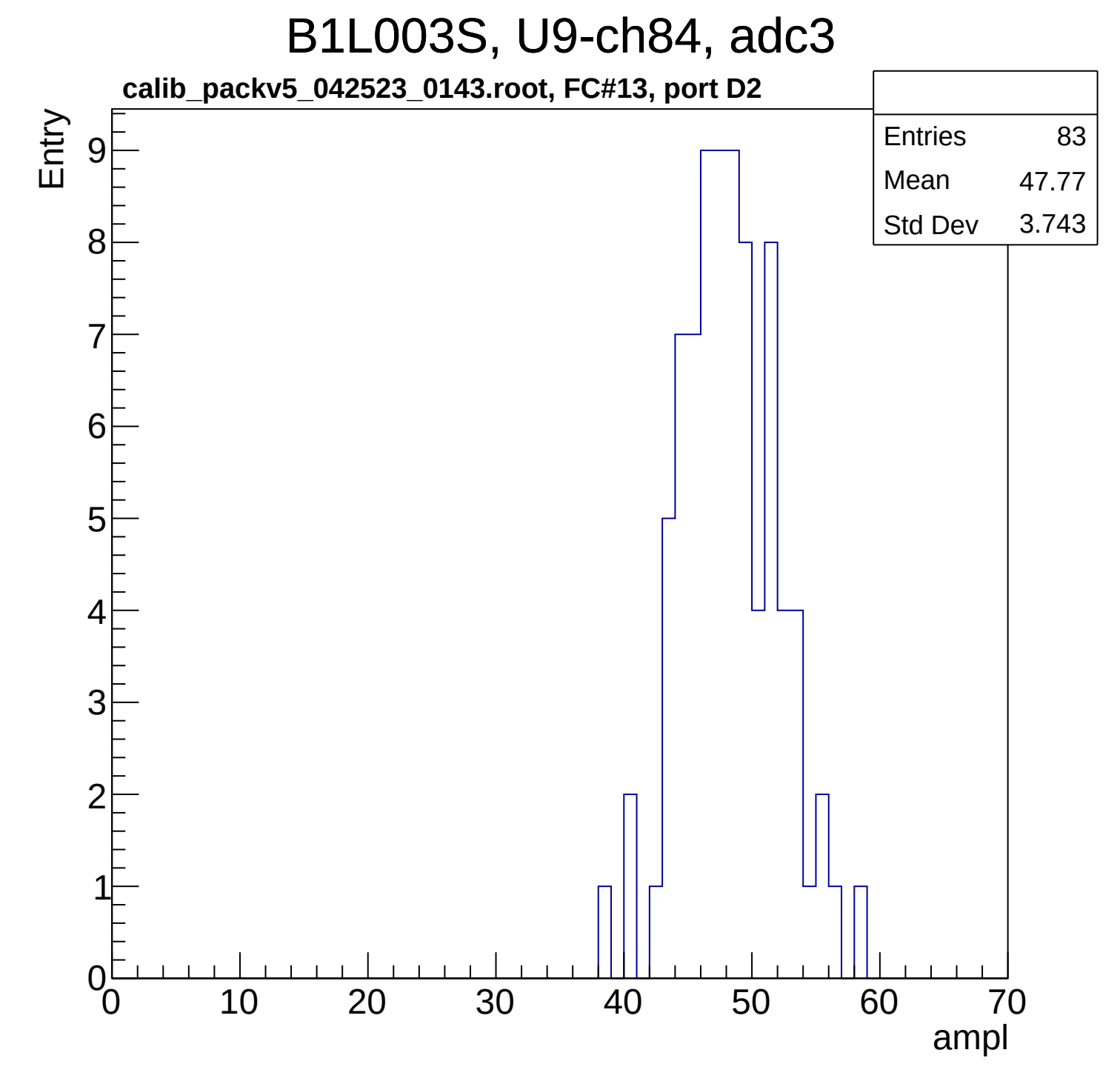
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch84, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 34.34
Std Dev 3.043
Gaus mean : 34.8540
Gaus Width: 3.5245
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch84, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 40.09
Std Dev 3.35
Gaus mean : 40.7099
Gaus Width: 3.7667
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch84, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 47.77
Std Dev 3.743
Entry
ampl
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4
5
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7
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0
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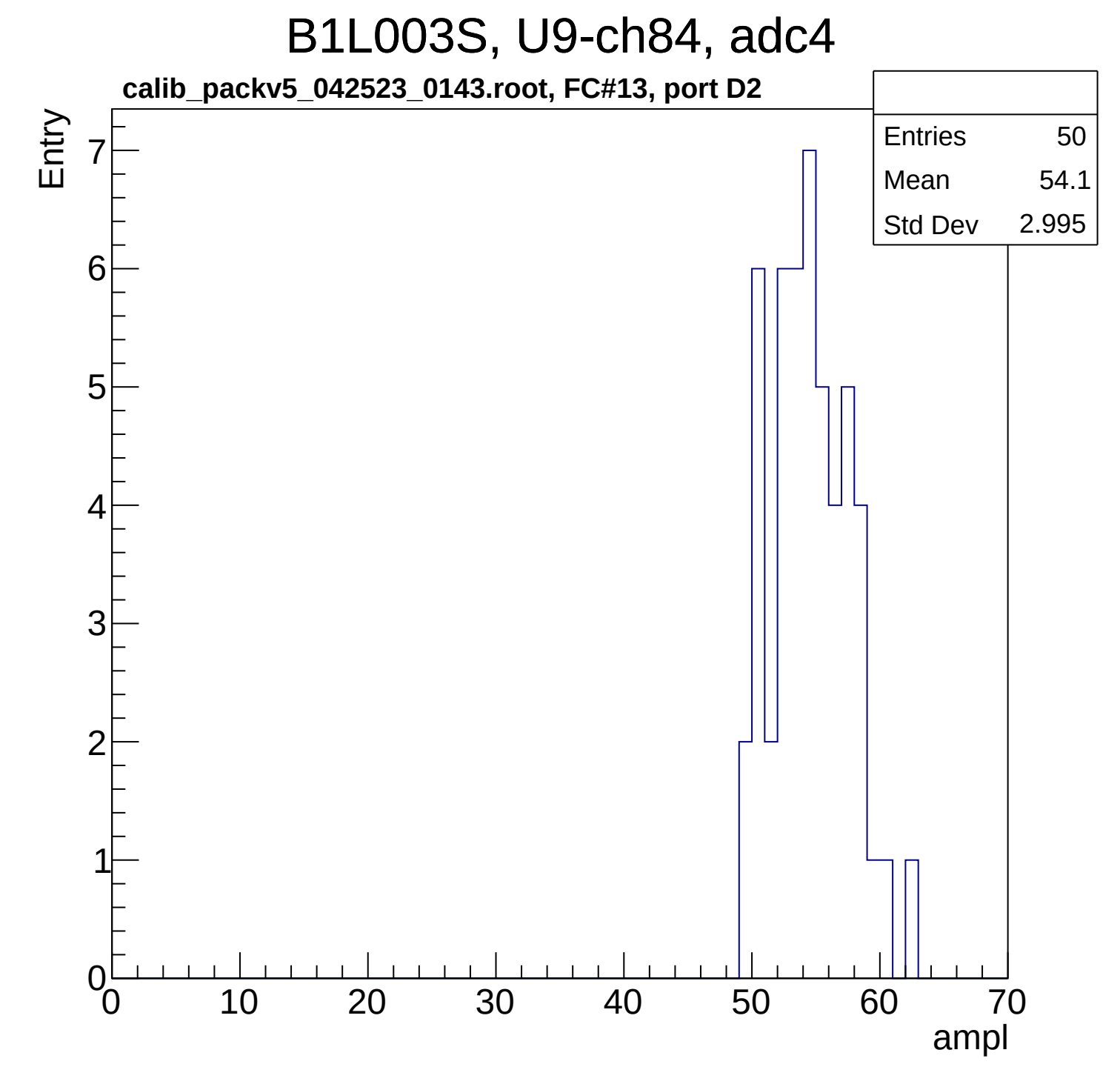
B1L003S, U9-ch84, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 54.1
Std Dev 2.995
Entry
ampl
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0
10
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40
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60
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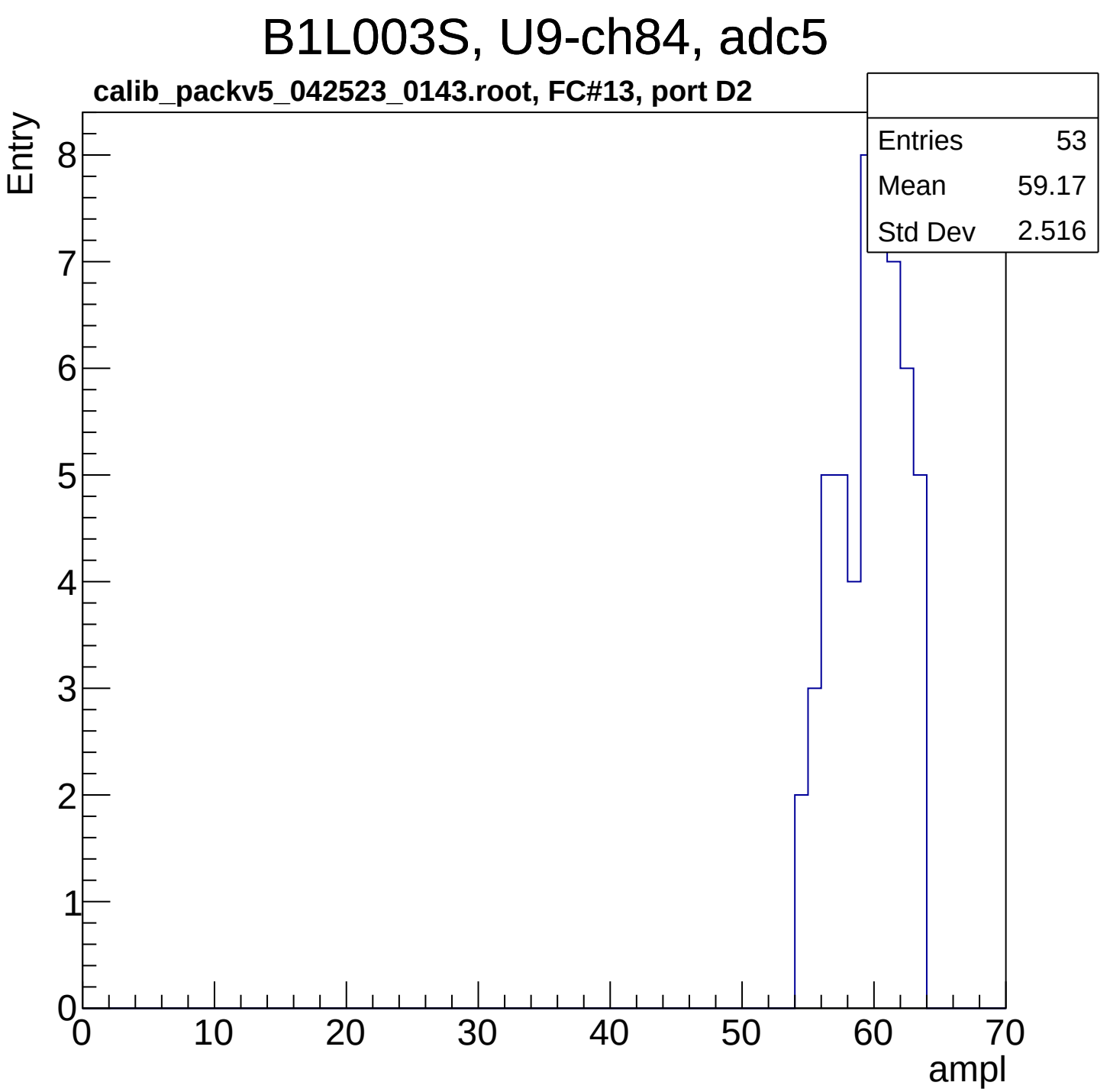
B1L003S, U9-ch84, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 59.17
Std Dev 2.516
Entry
0
1
2
3
4
5
6
7
8
0
10
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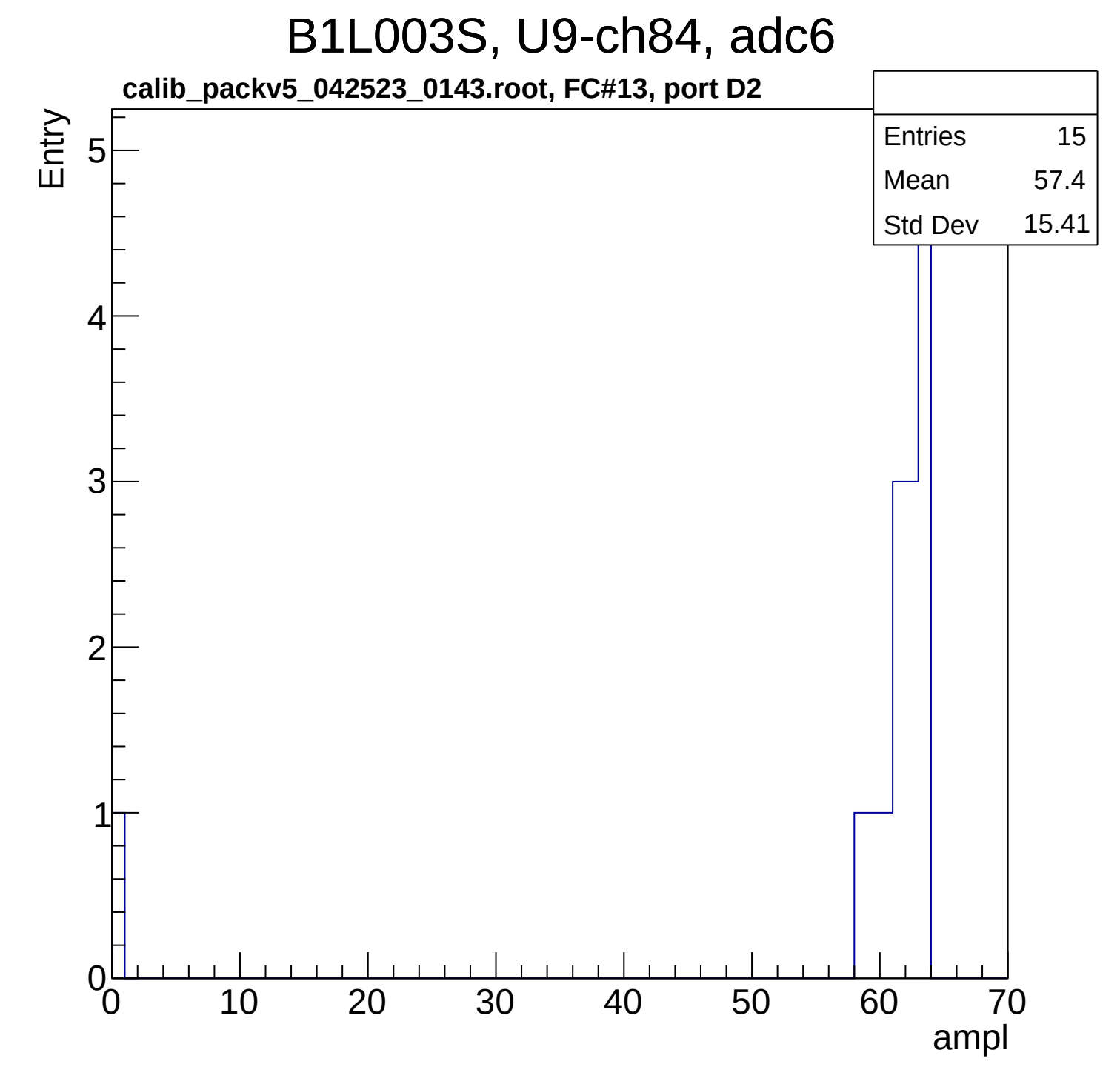
50
60
70
ampl


B1L003S, U9-ch84, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 15
Mean 57.4
Std Dev 15.41
Entry
0
1
2
3
4
5
0
10
20
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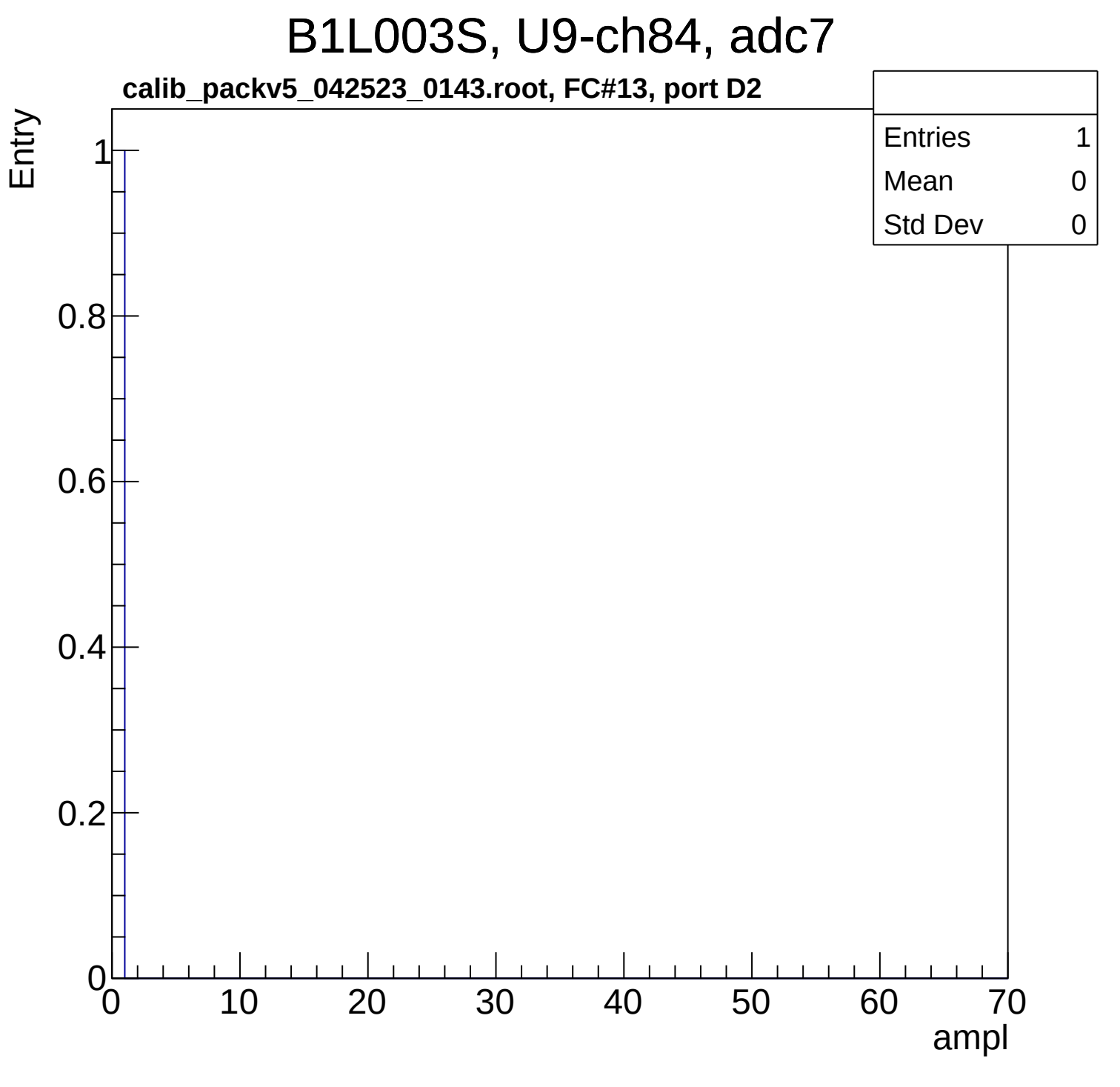
50
60
70
ampl


B1L003S, U9-ch84, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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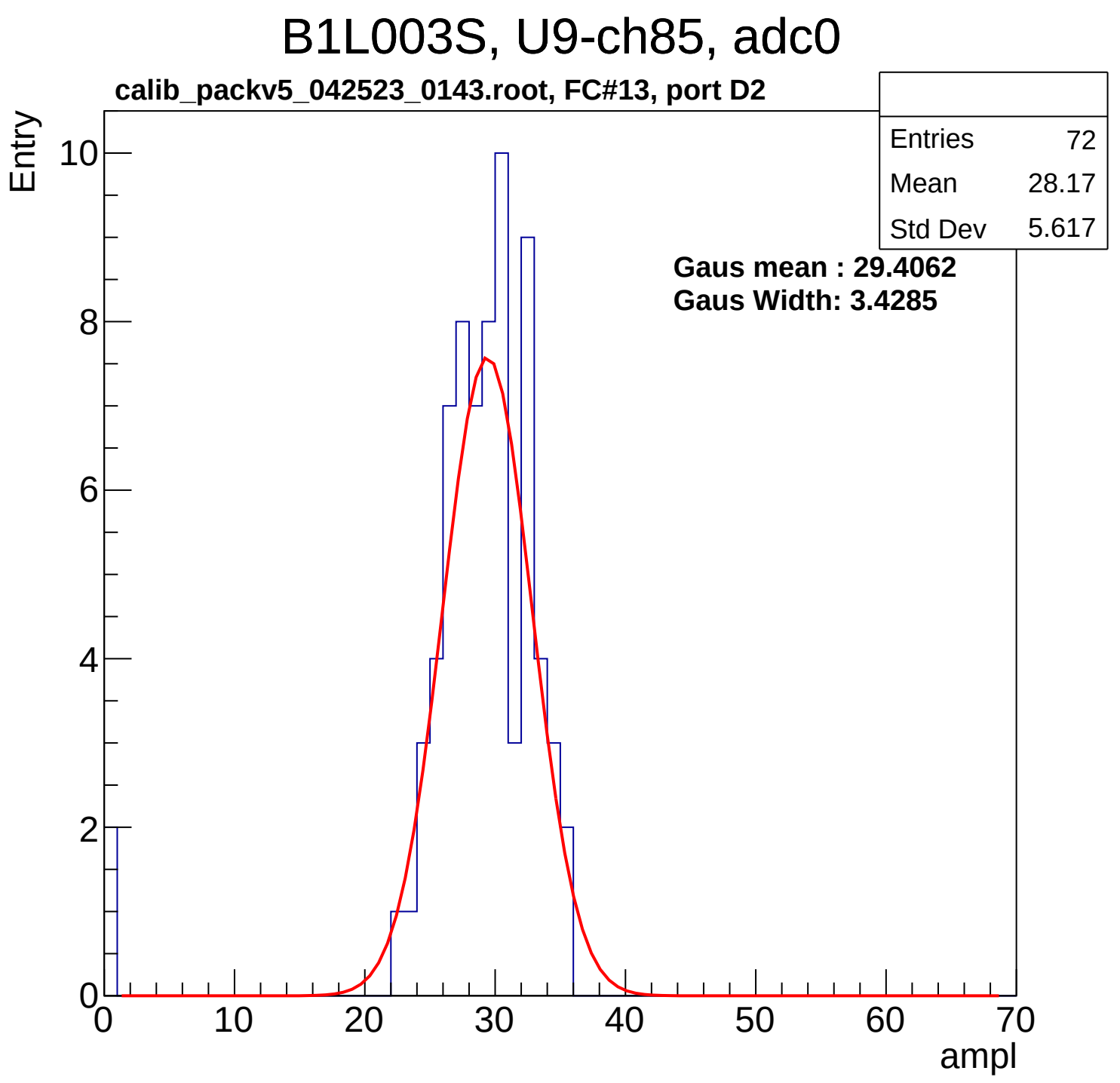
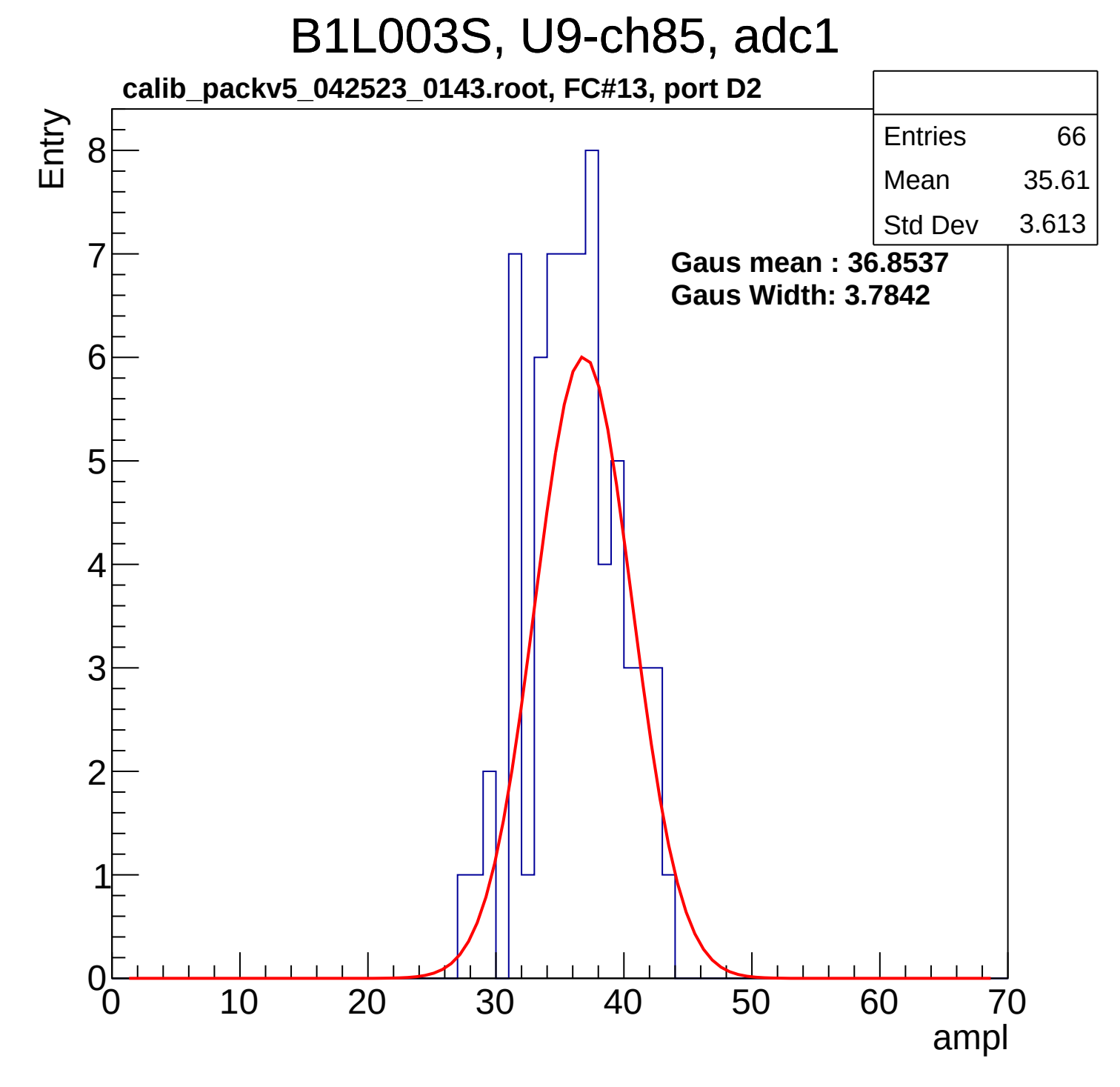
50
60
70
ampl


B1L003S, U9-ch85, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 28.17
Std Dev 5.617
Gaus mean : 29.4062
Gaus Width: 3.4285
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch85, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 35.61
Std Dev 3.613
Gaus mean : 36.8537
Gaus Width: 3.7842
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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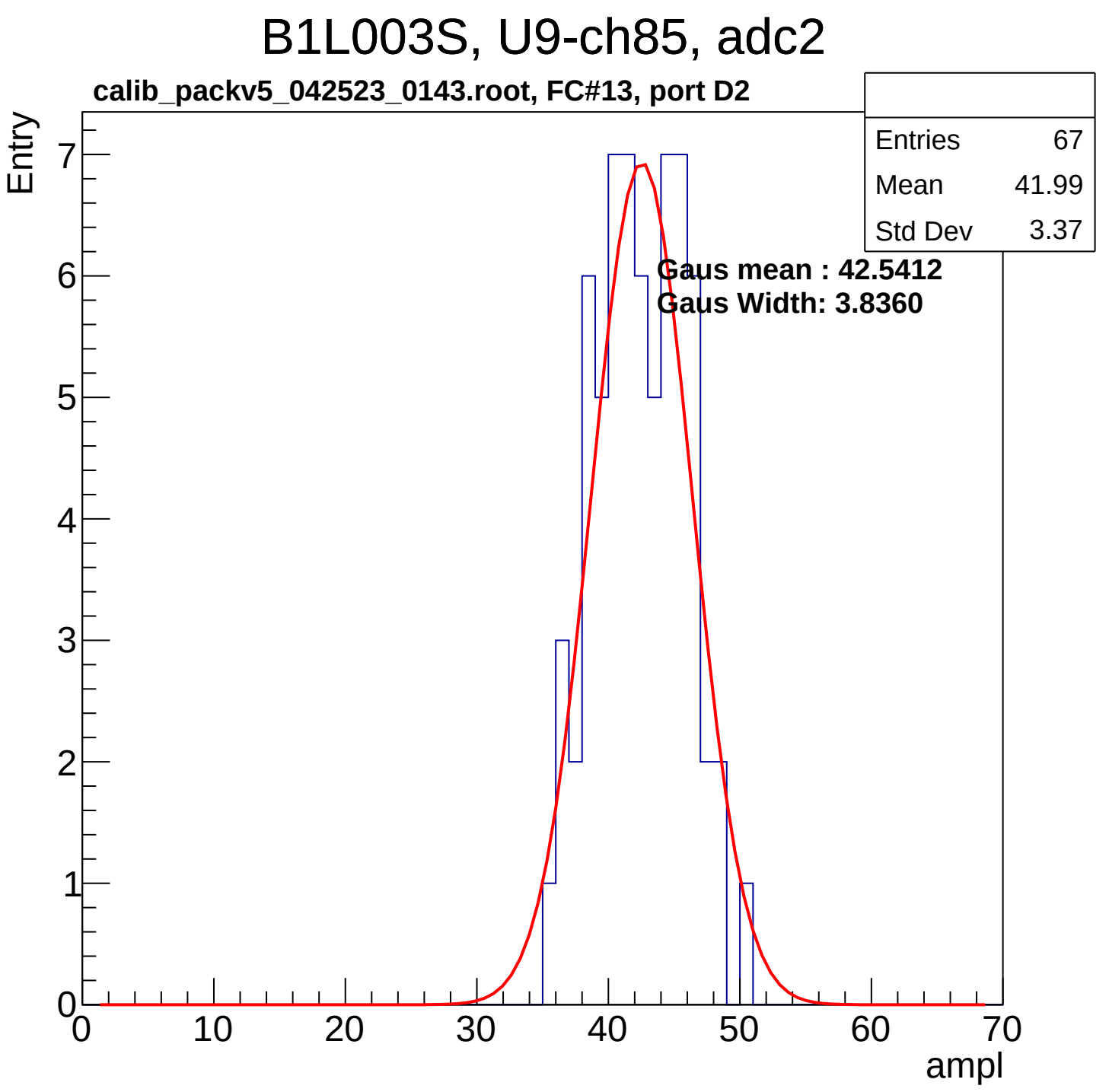
B1L003S, U9-ch85, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 41.99
Std Dev 3.37
Gaus mean : 42.5412
Gaus Width: 3.8360
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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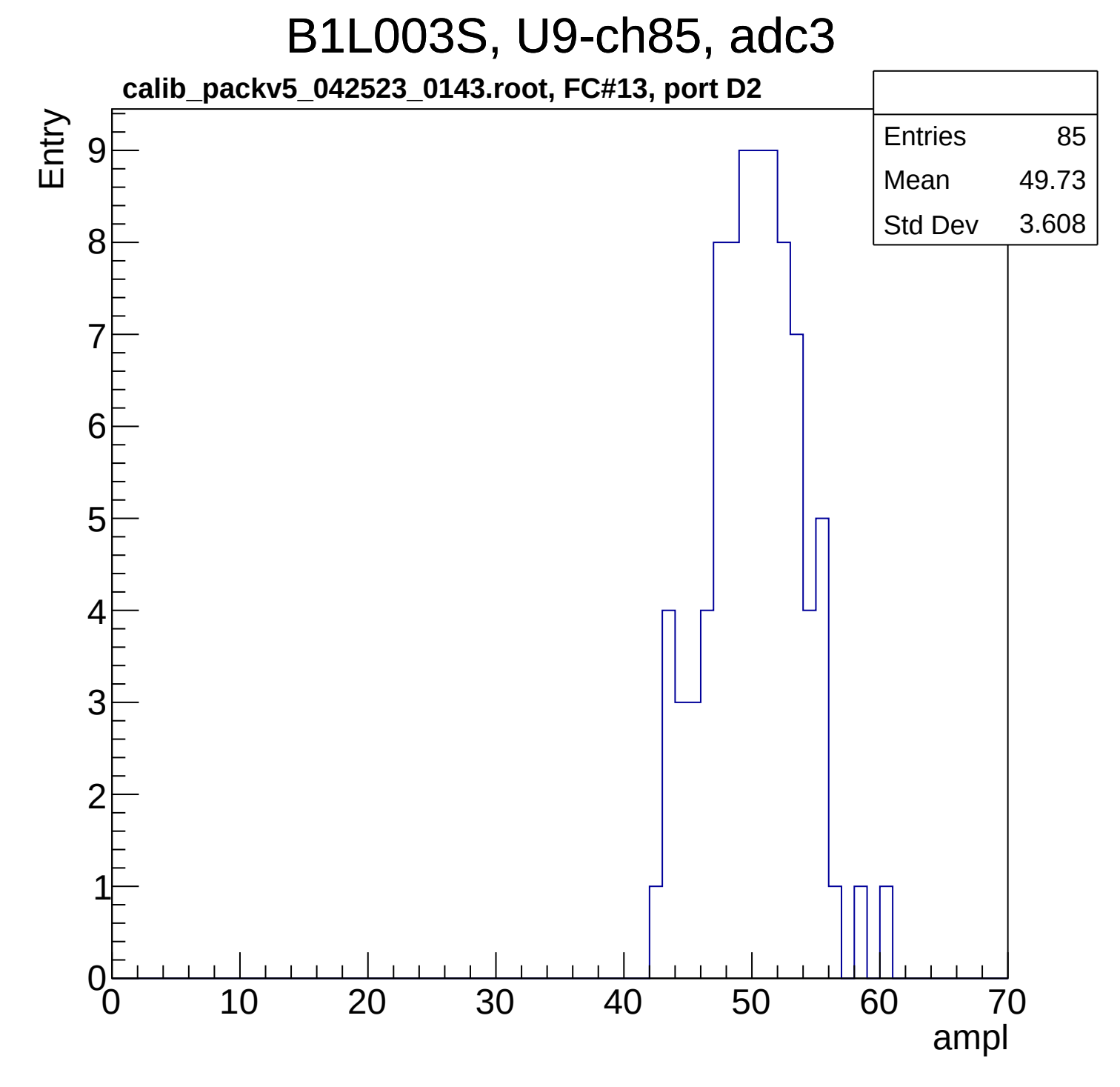
B1L003S, U9-ch85, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 49.73
Std Dev 3.608
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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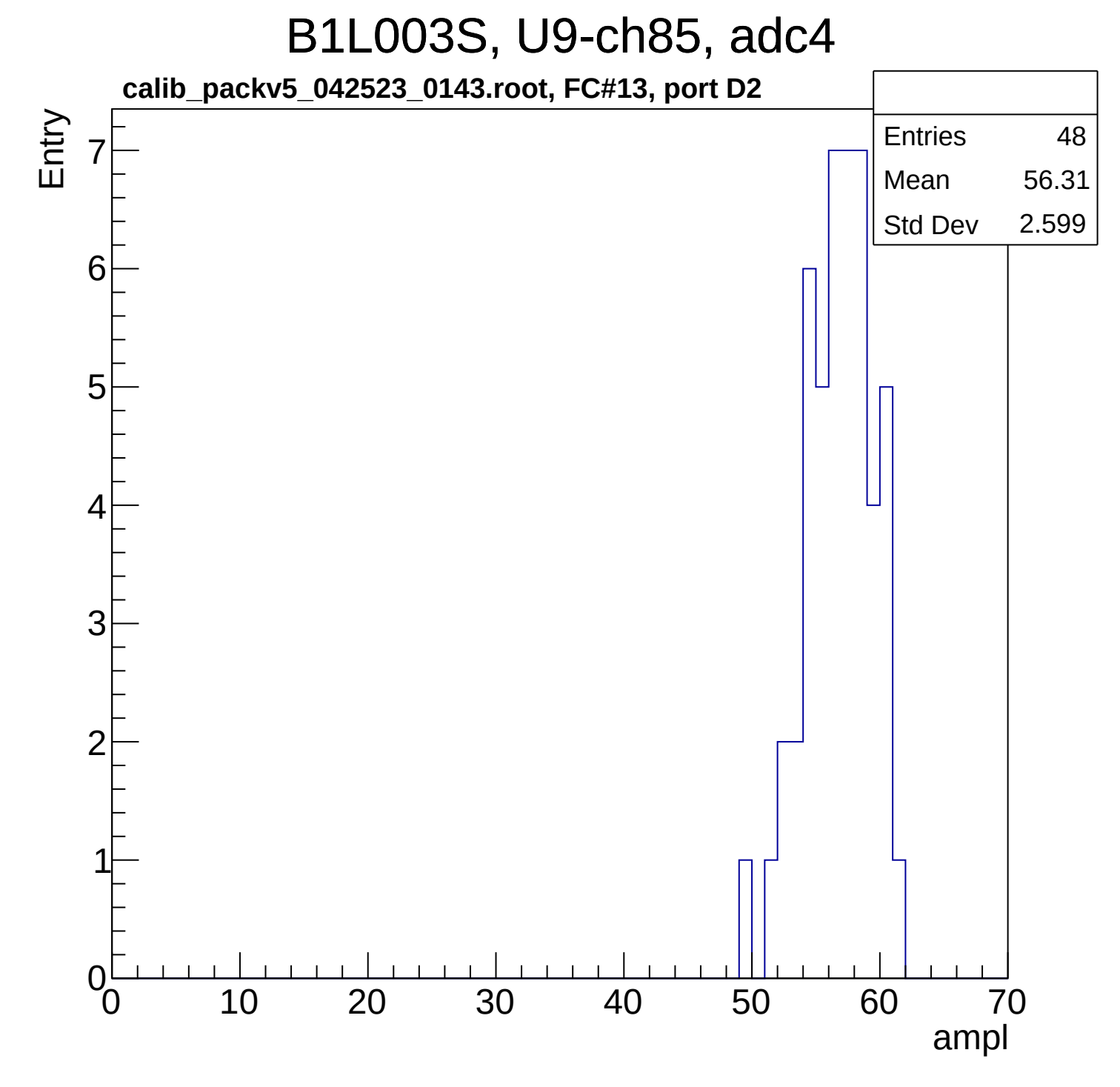
B1L003S, U9-ch85, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 56.31
Std Dev 2.599
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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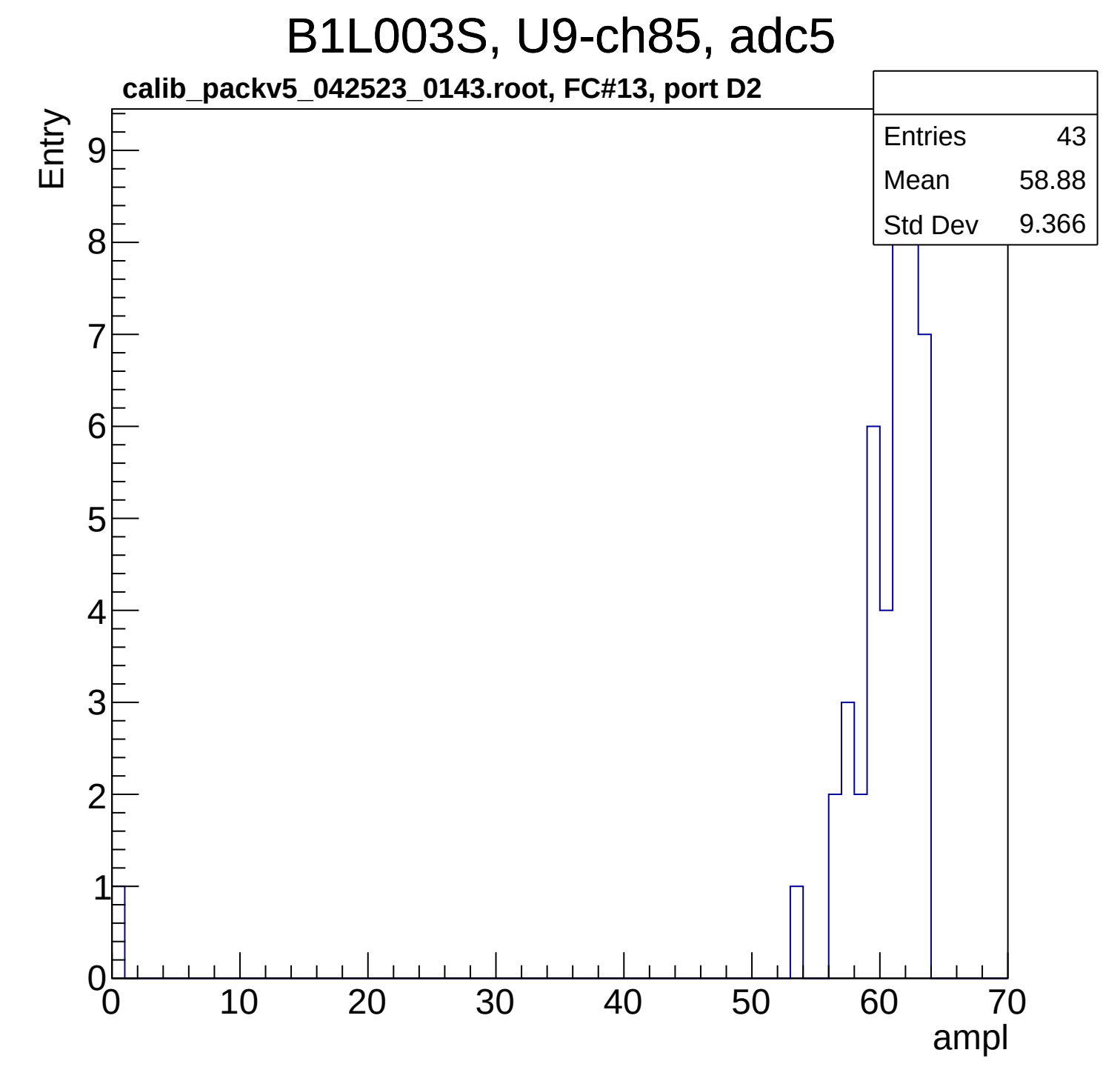
B1L003S, U9-ch85, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 58.88
Std Dev 9.366
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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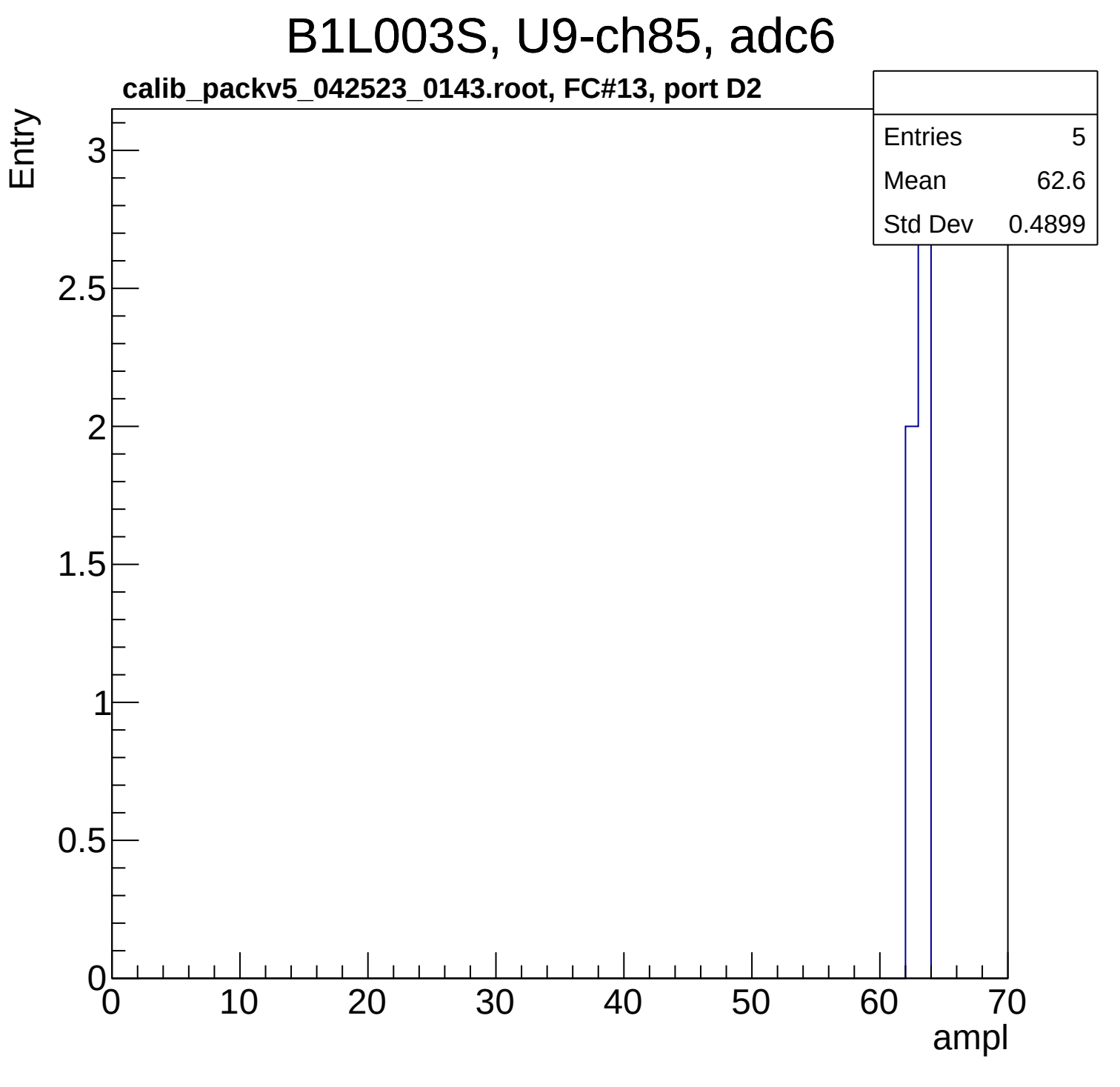
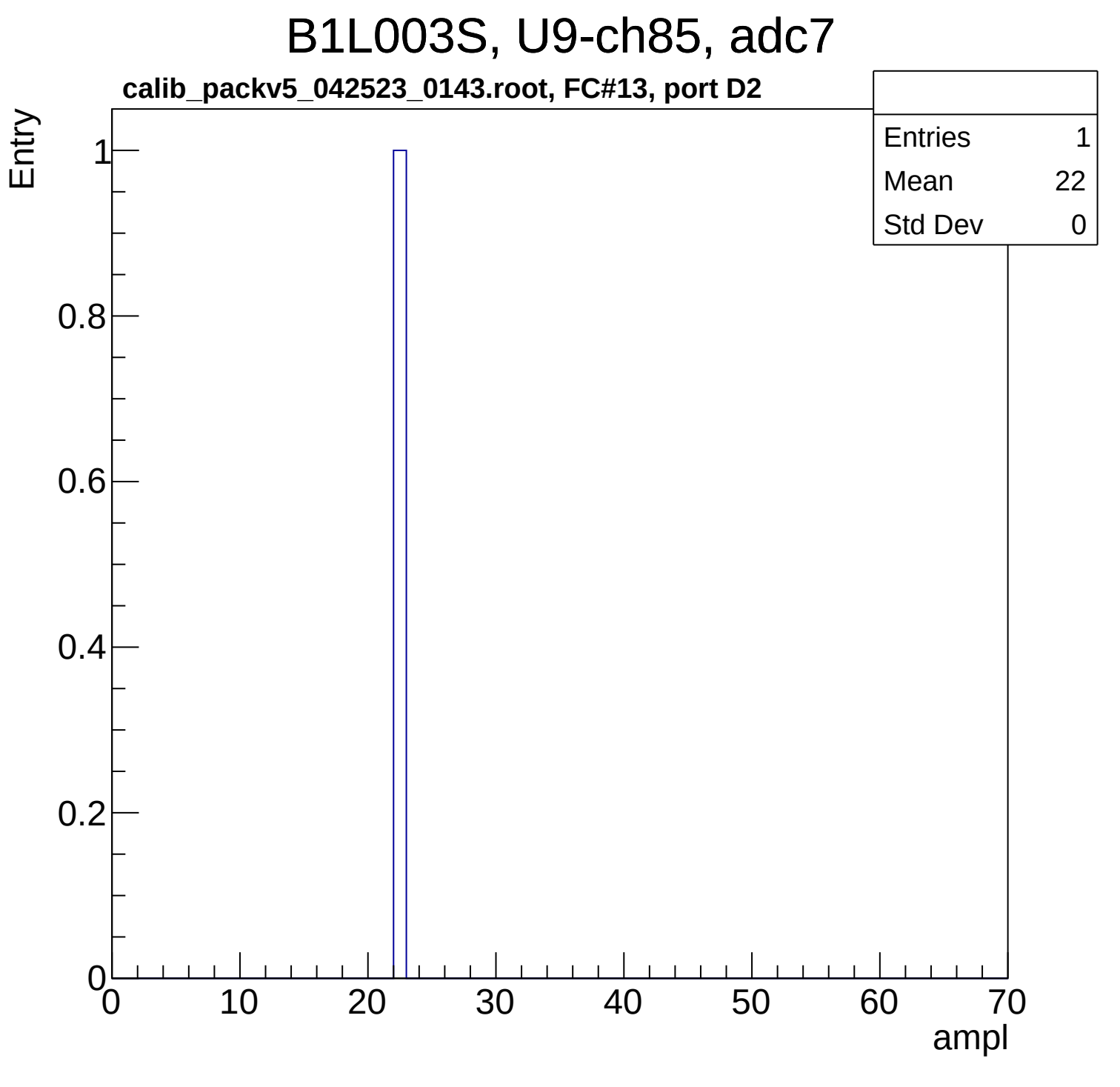

B1L003S, U9-ch85, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch85, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 22
Std Dev 0
Entry
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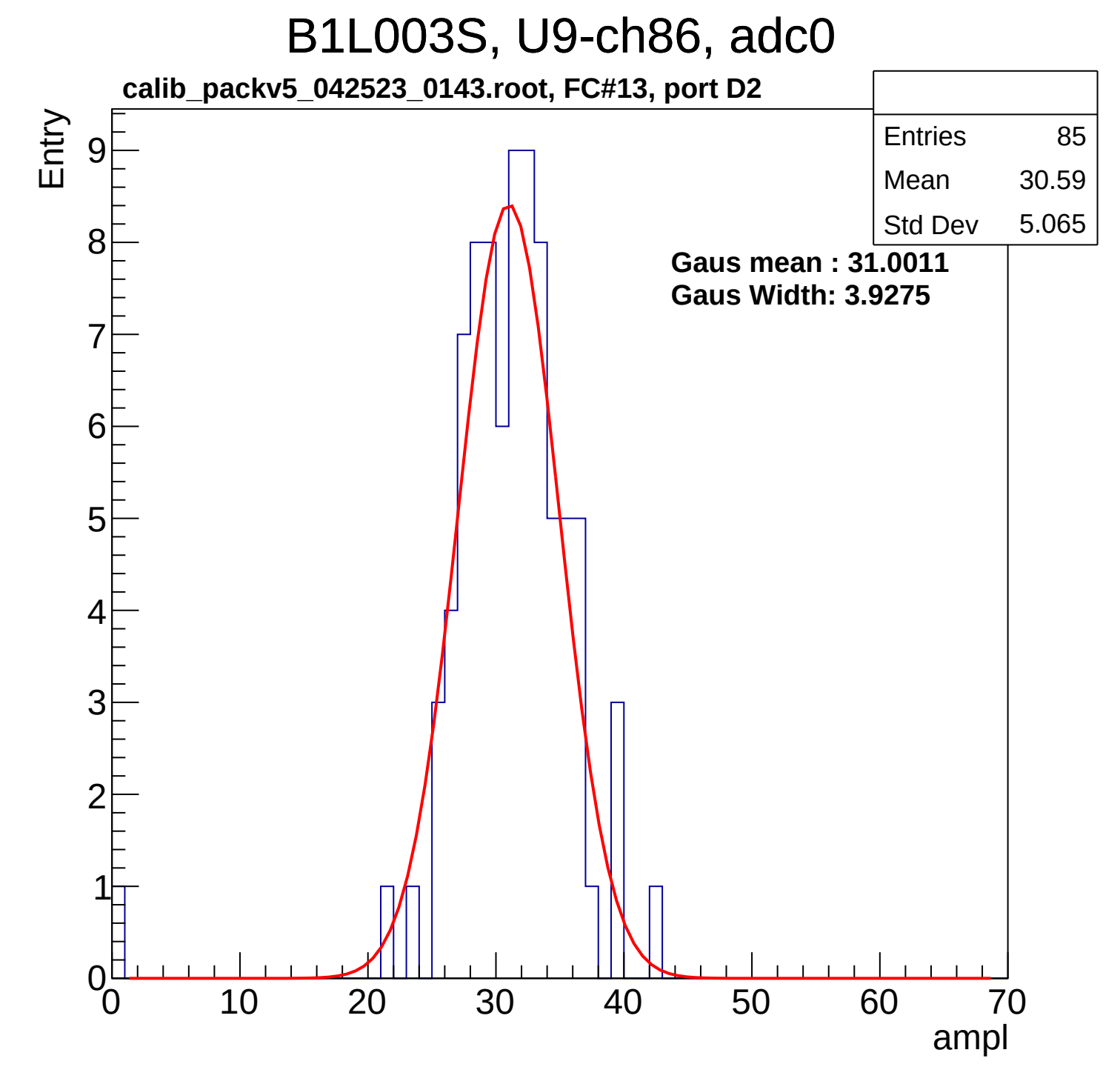
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch86, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 30.59
Std Dev 5.065
Gaus mean : 31.0011
Gaus Width: 3.9275
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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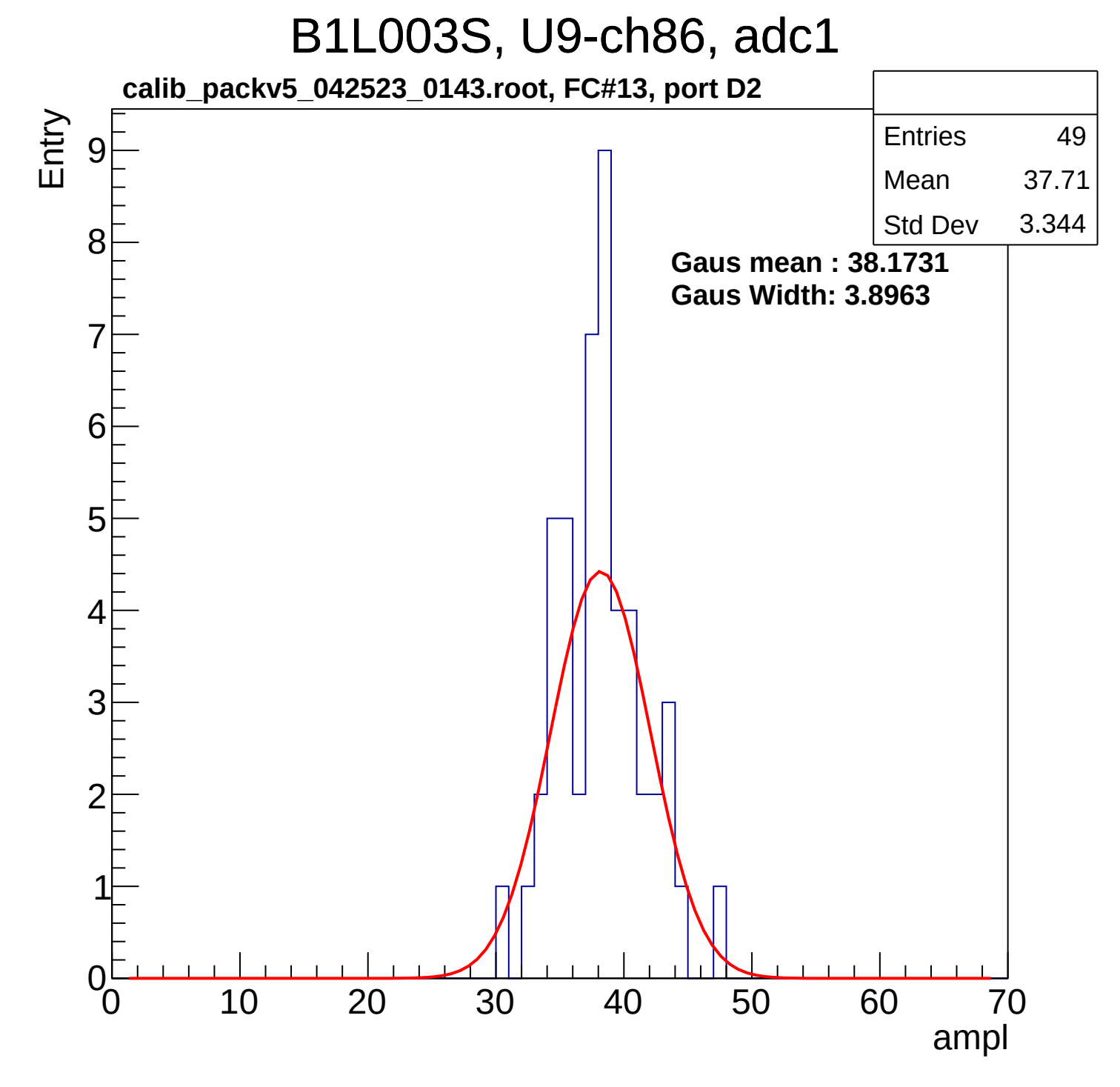
B1L003S, U9-ch86, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 37.71
Std Dev 3.344
Gaus mean : 38.1731
Gaus Width: 3.8963
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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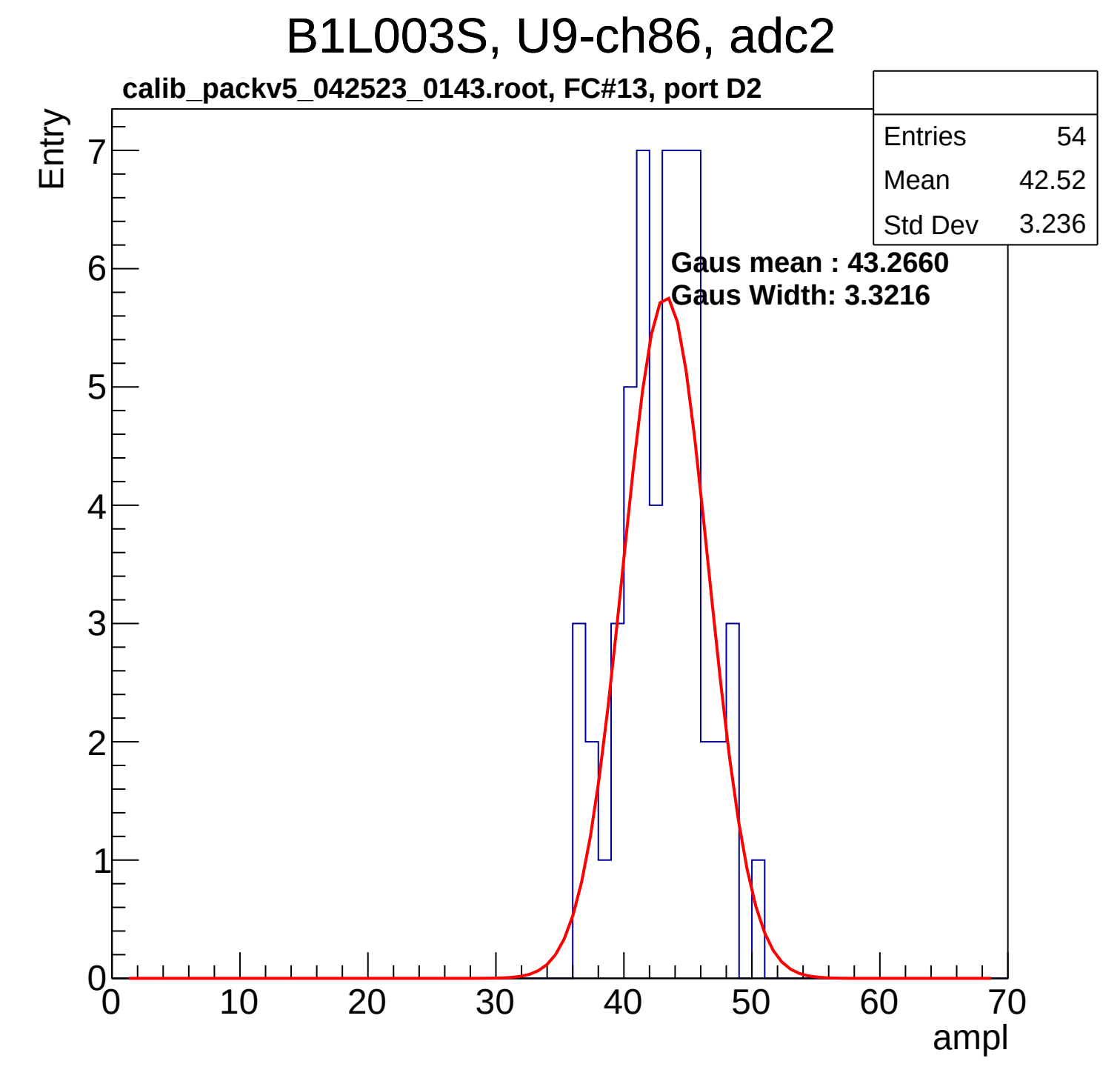
B1L003S, U9-ch86, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 42.52
Std Dev 3.236
Gaus mean : 43.2660
Gaus Width: 3.3216
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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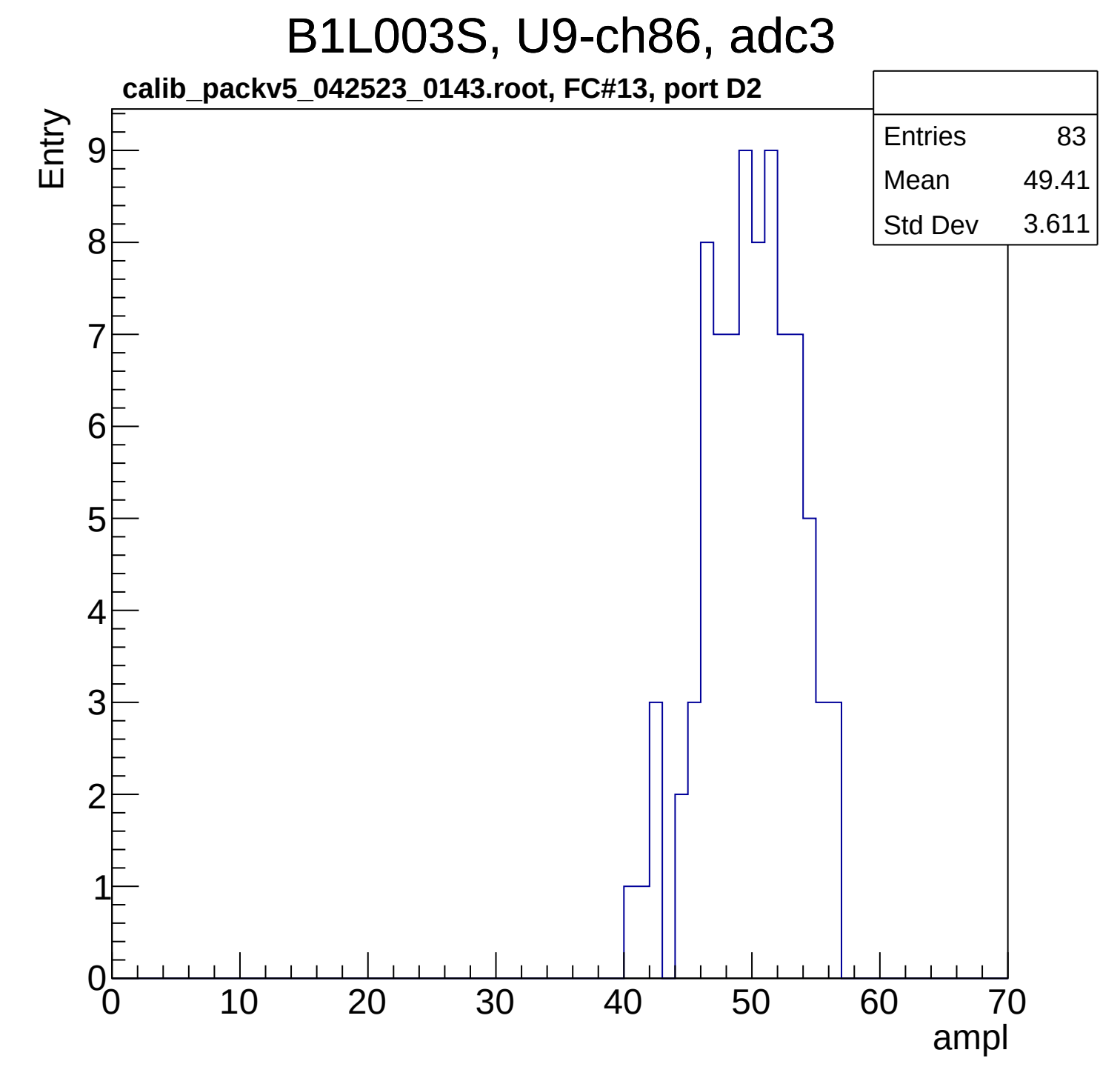
B1L003S, U9-ch86, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 49.41
Std Dev 3.611
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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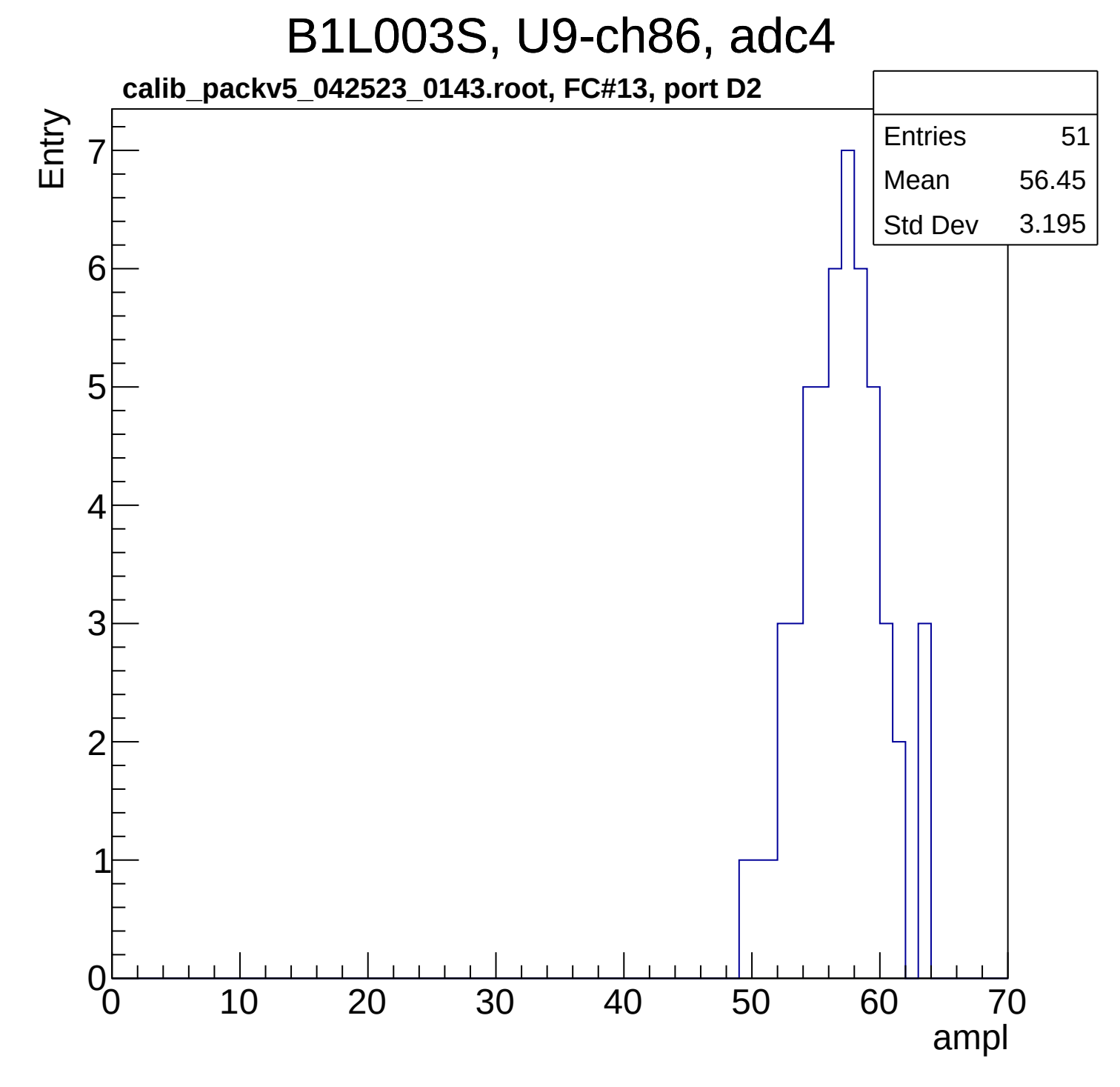
B1L003S, U9-ch86, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 56.45
Std Dev 3.195
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
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60
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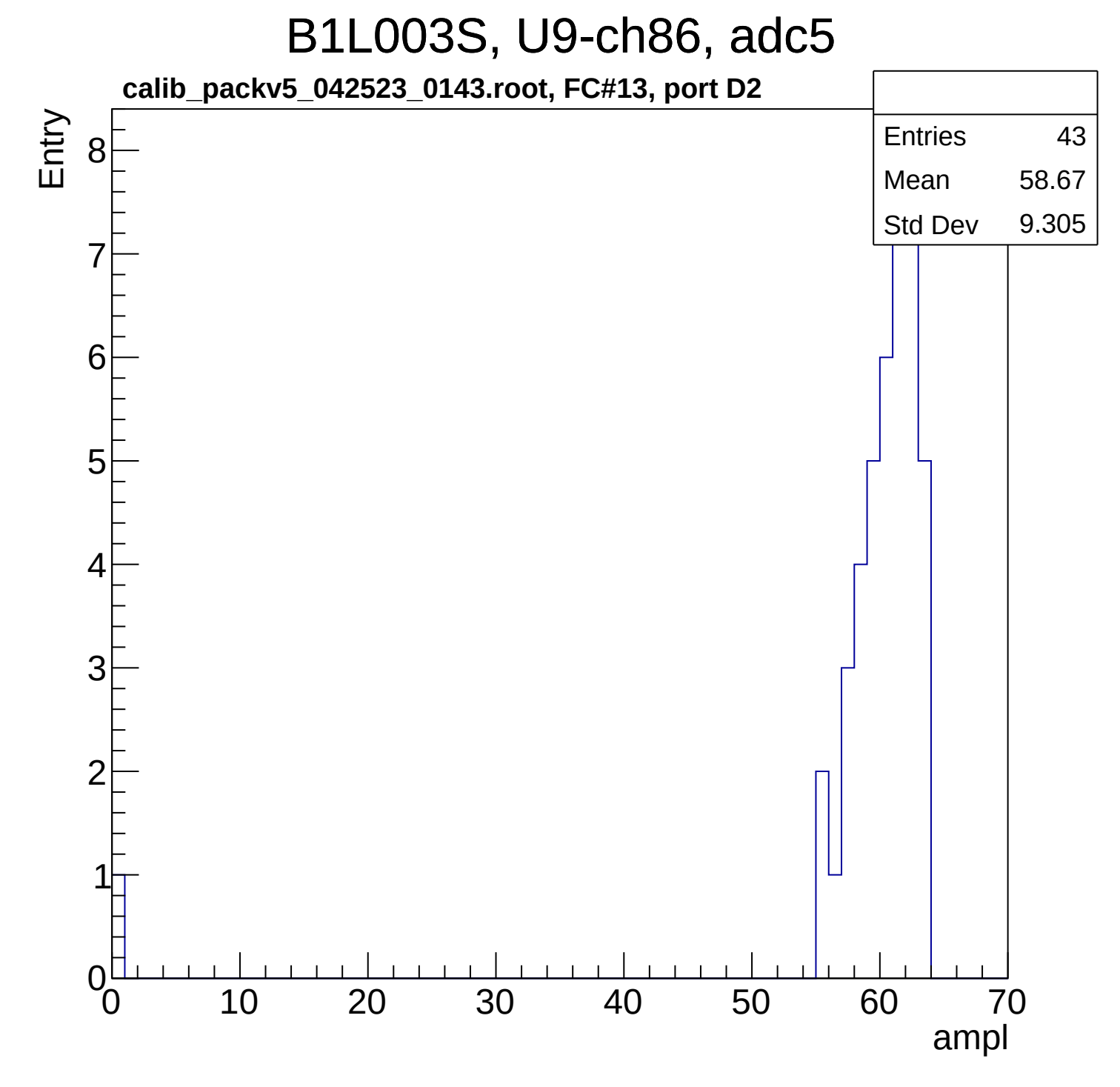
B1L003S, U9-ch86, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 58.67
Std Dev 9.305
Entry
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2
3
4
5
6
7
8
0
10
20
30
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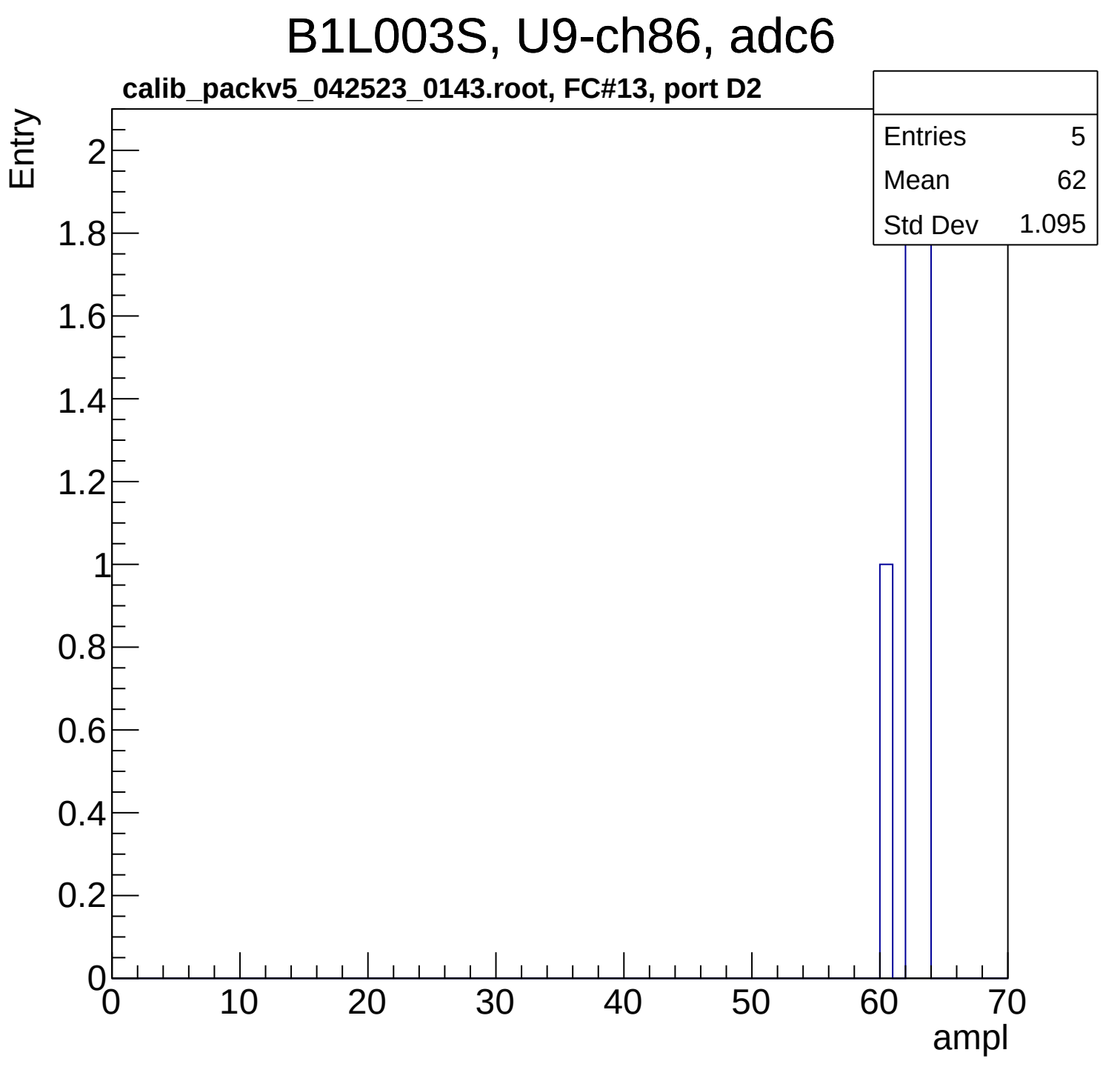
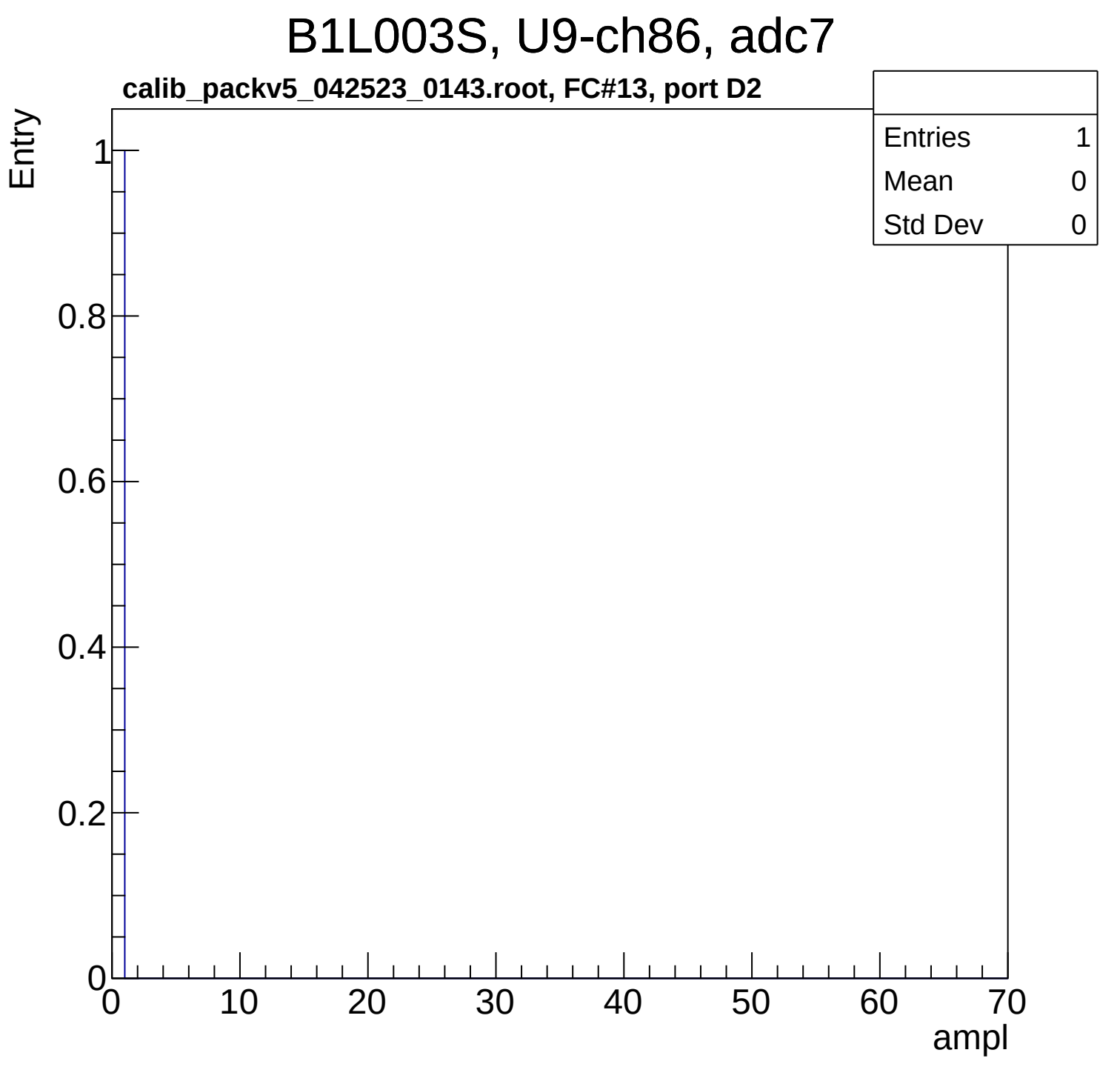
50
60
70
ampl


B1L003S, U9-ch86, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62
Std Dev 1.095
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch86, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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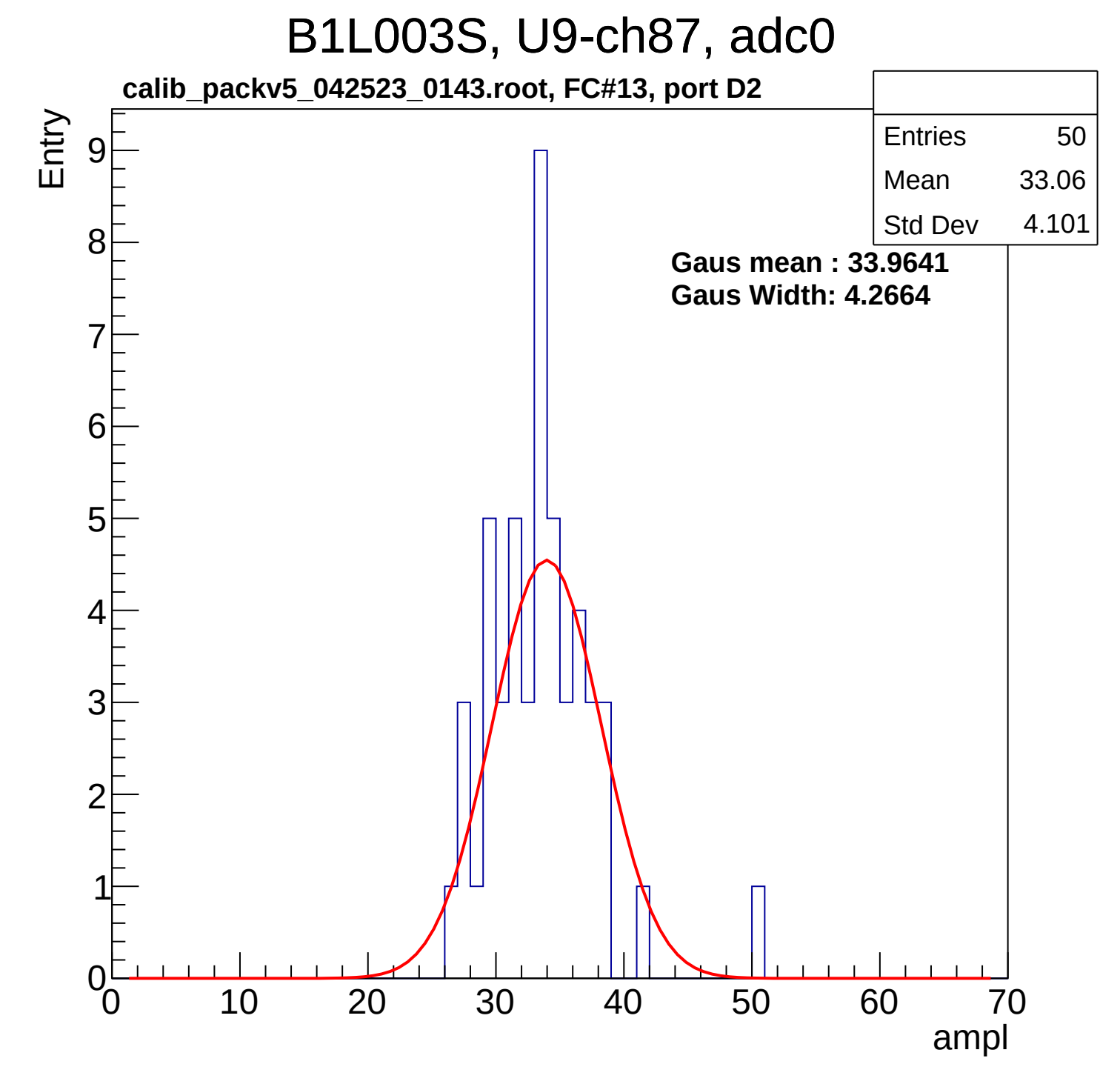
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch87, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 33.06
Std Dev 4.101
Gaus mean : 33.9641
Gaus Width: 4.2664
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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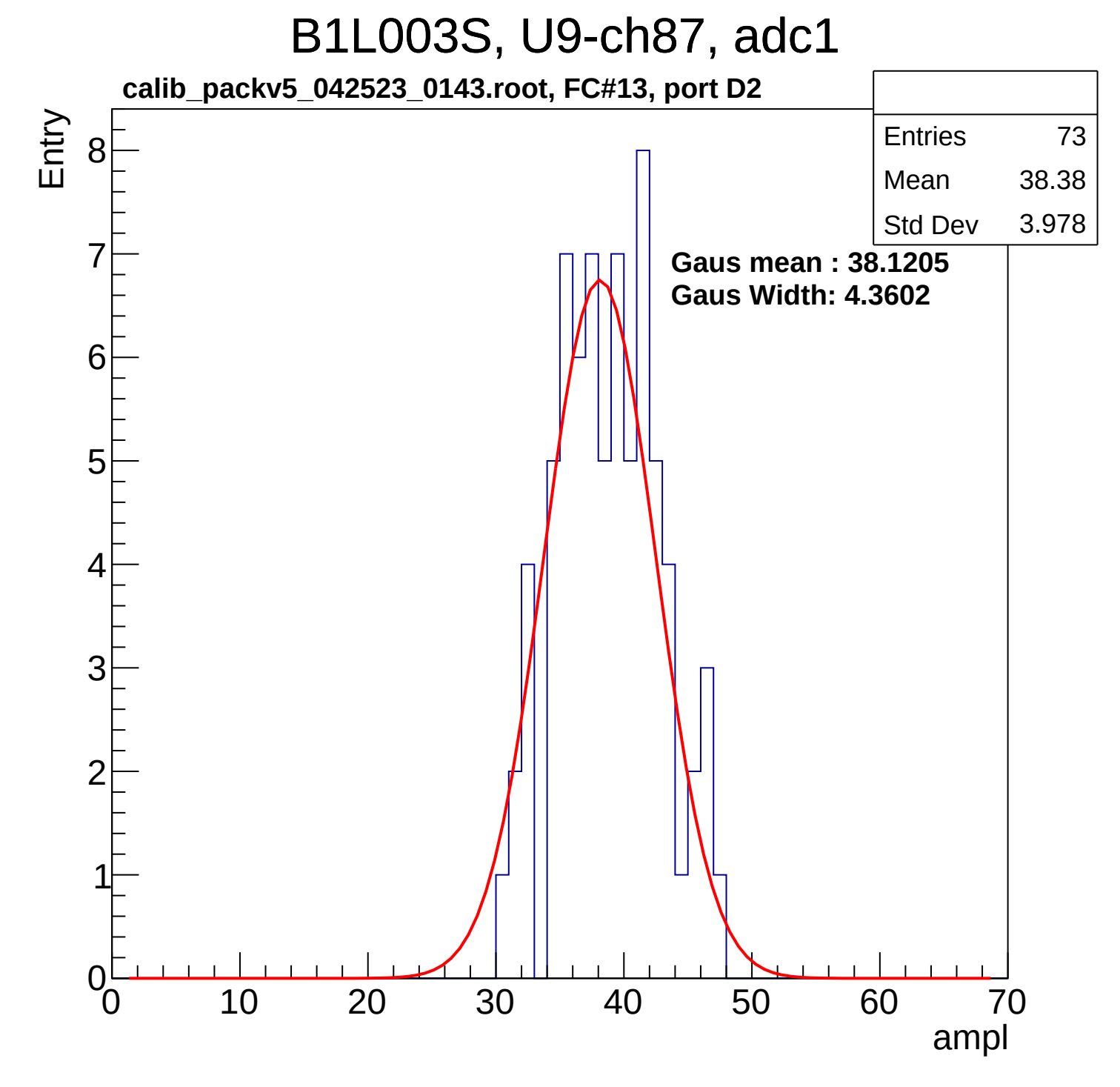
40
50
60
70


B1L003S, U9-ch87, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 38.38
Std Dev 3.978
Gaus mean : 38.1205
Gaus Width: 4.3602
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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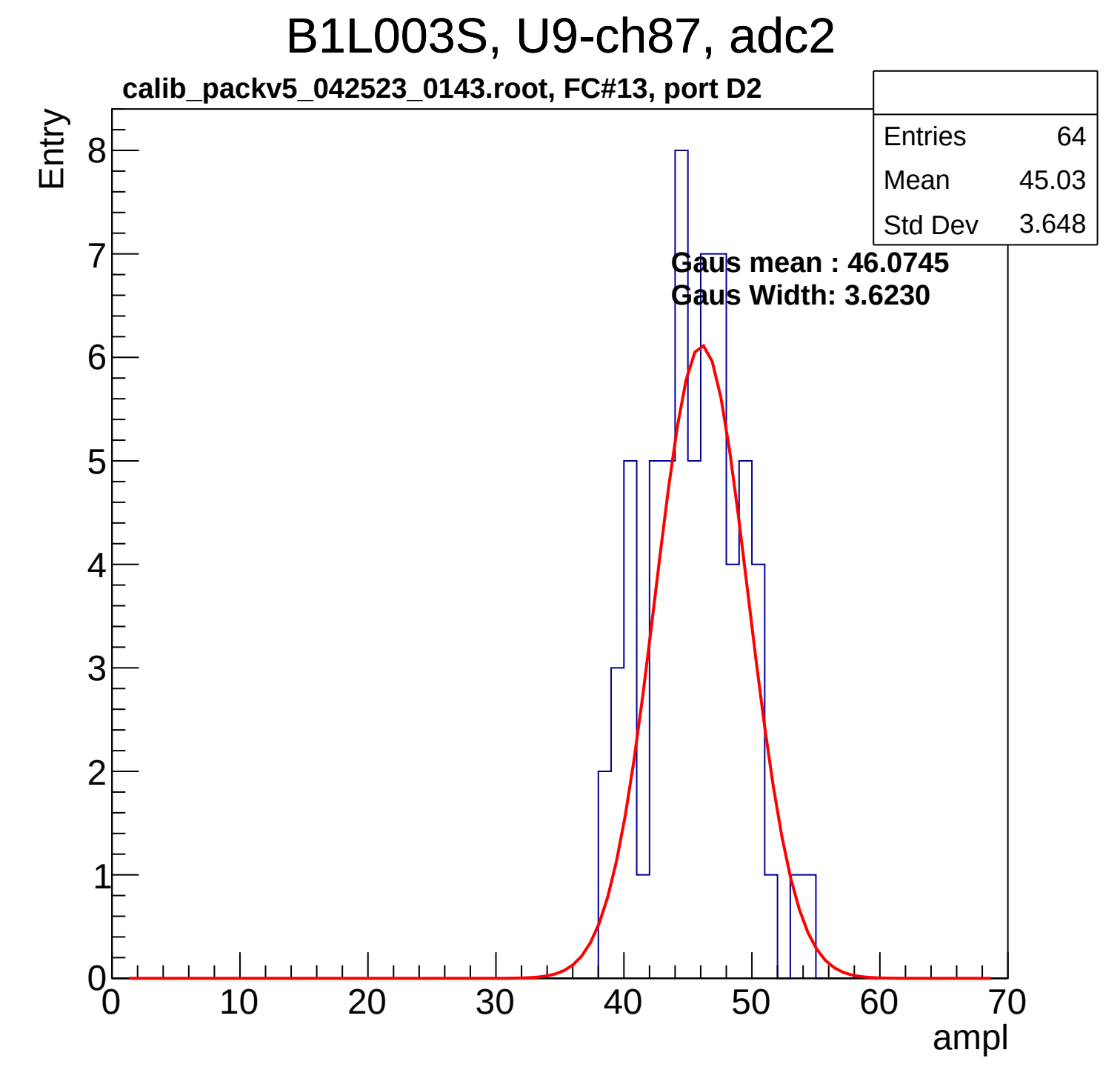
B1L003S, U9-ch87, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 45.03
Std Dev 3.648
Gaus mean : 46.0745
Gaus Width: 3.6230
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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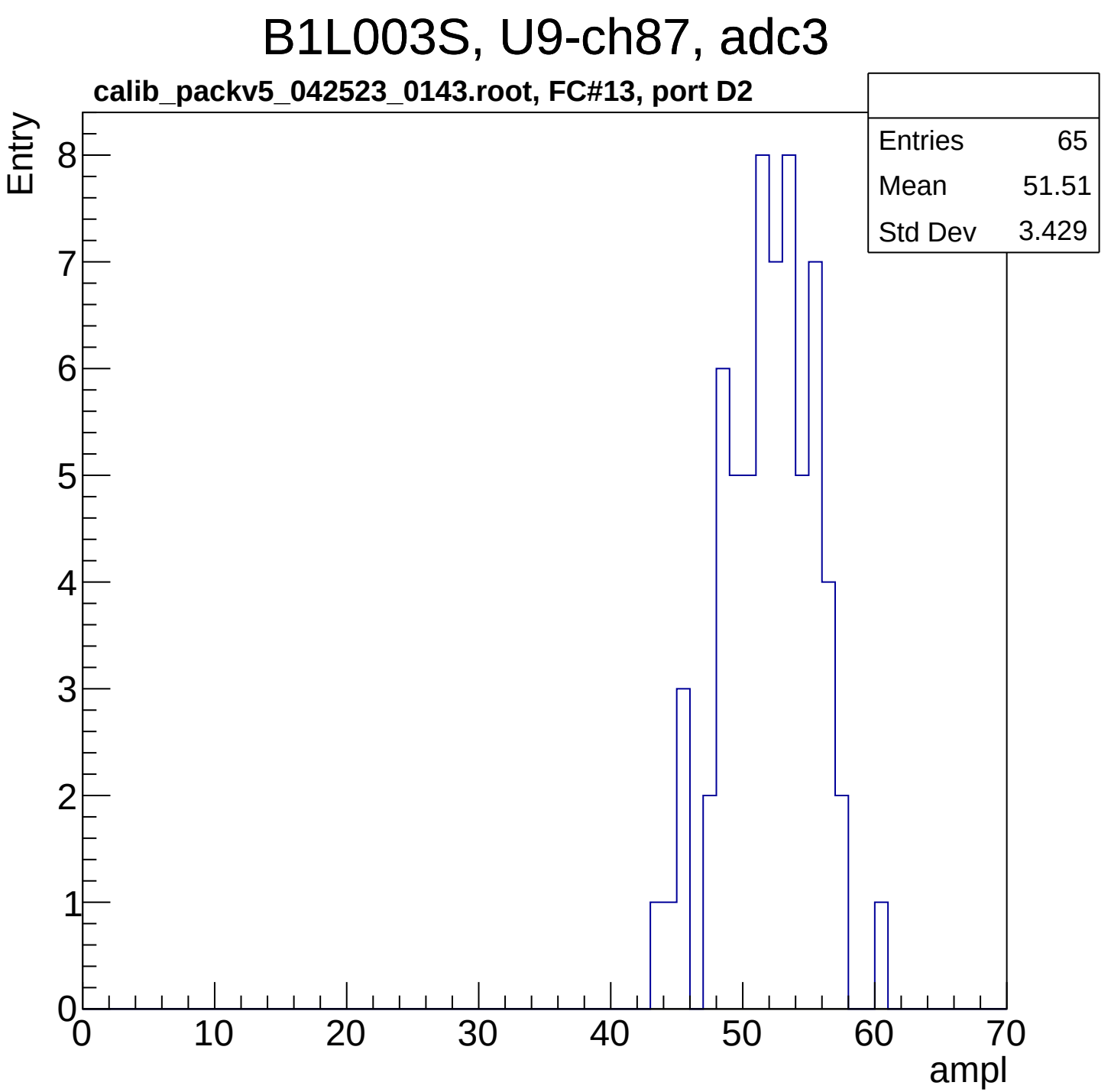
B1L003S, U9-ch87, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 51.51
Std Dev 3.429
Entry
ampl
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5
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7
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0
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40
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60
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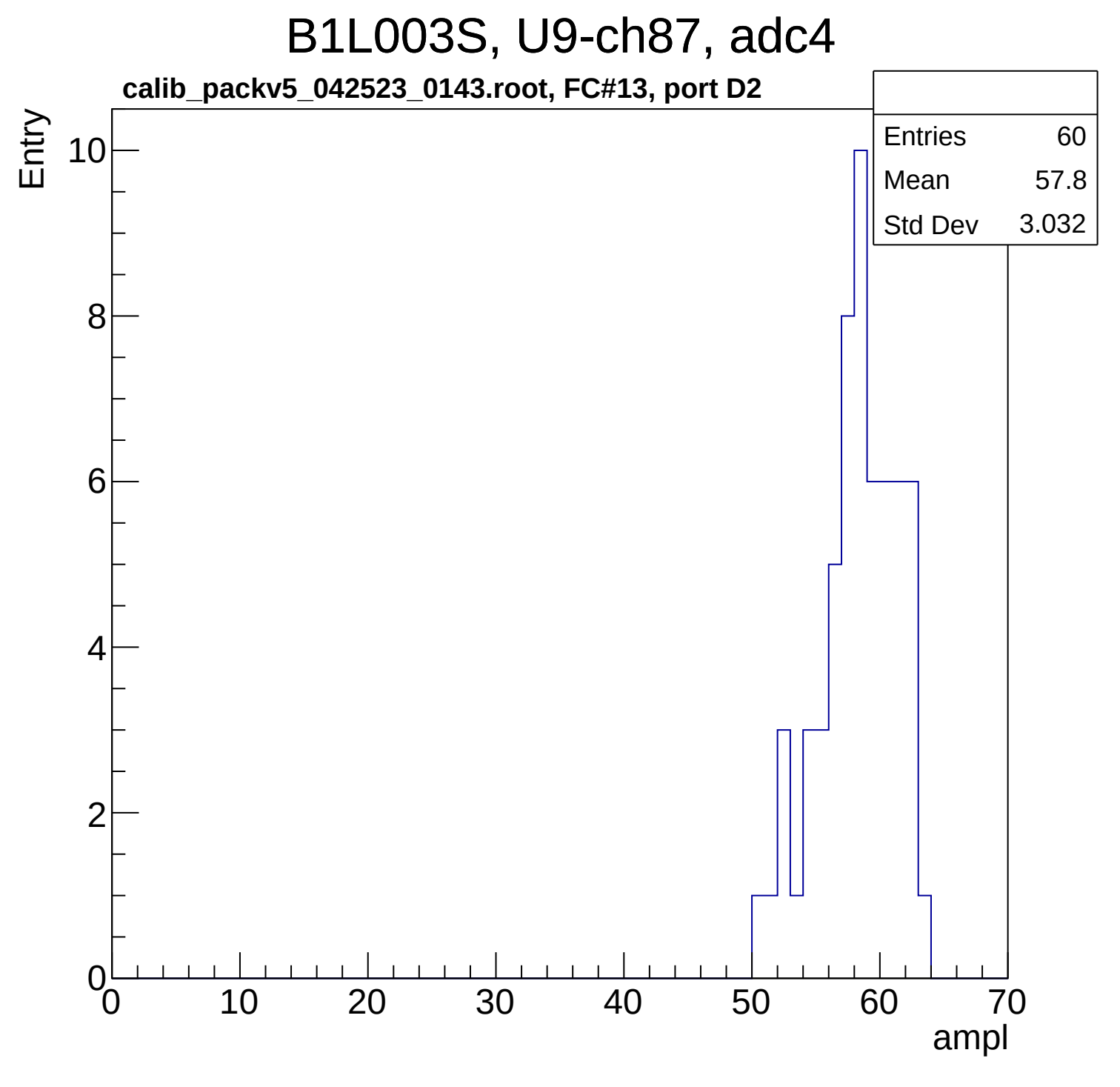
B1L003S, U9-ch87, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 57.8
Std Dev 3.032
Entry
ampl
0
2
4
6
8
10
0
10
20
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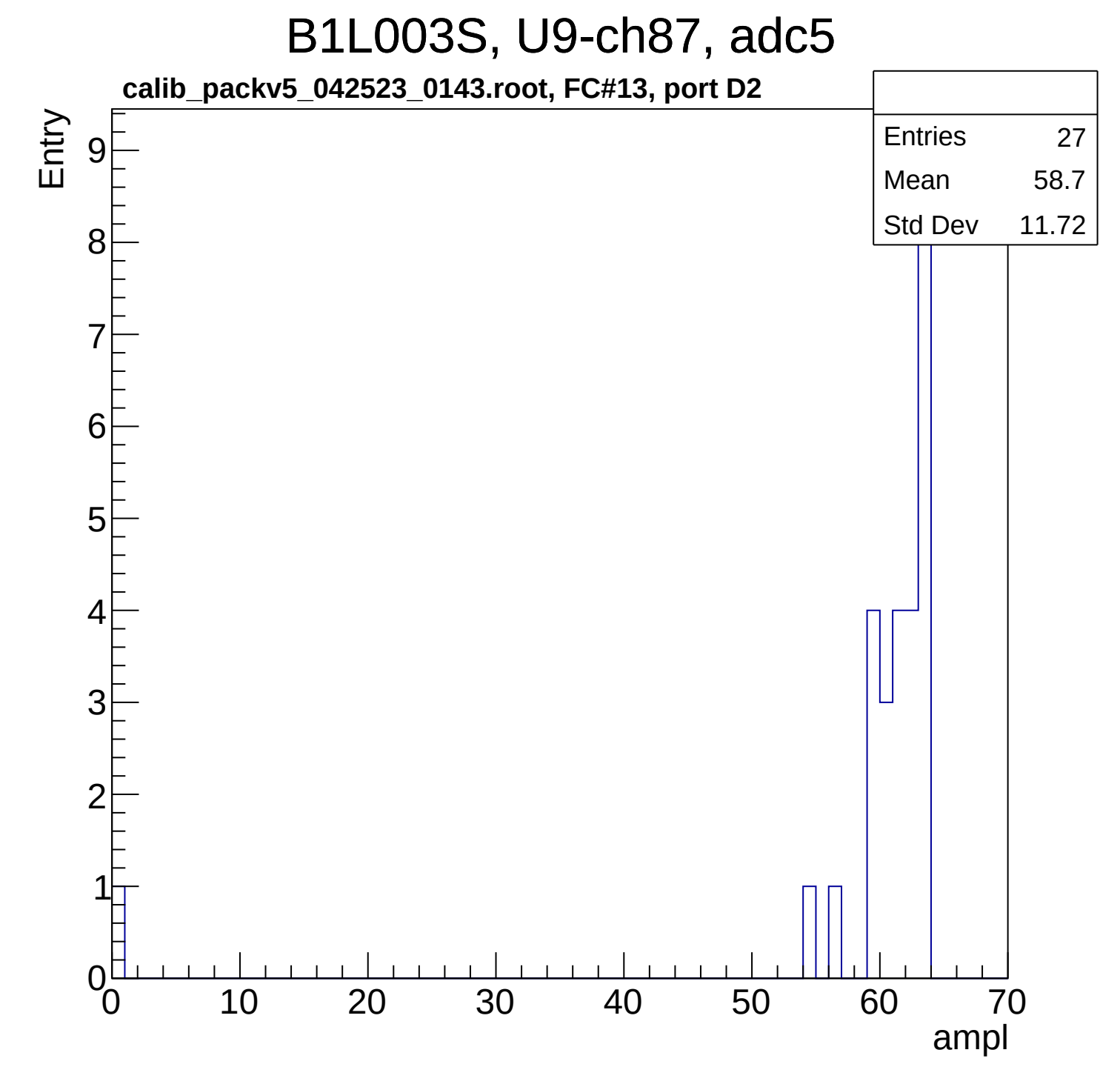
40
50
60
70


B1L003S, U9-ch87, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 27
Mean 58.7
Std Dev 11.72
Entry
ampl
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2
3
4
5
6
7
8
9
0
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50
60
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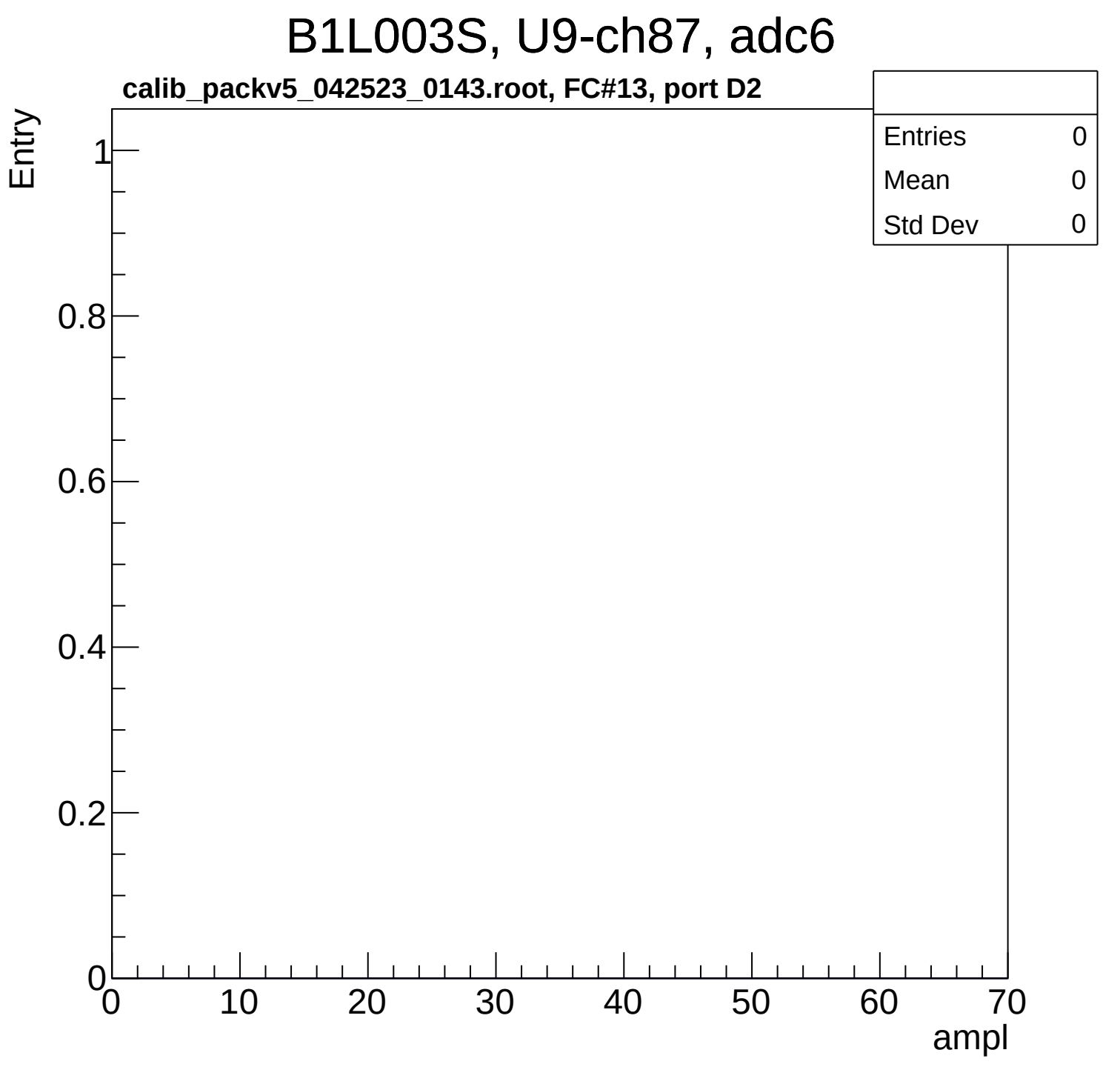
B1L003S, U9-ch87, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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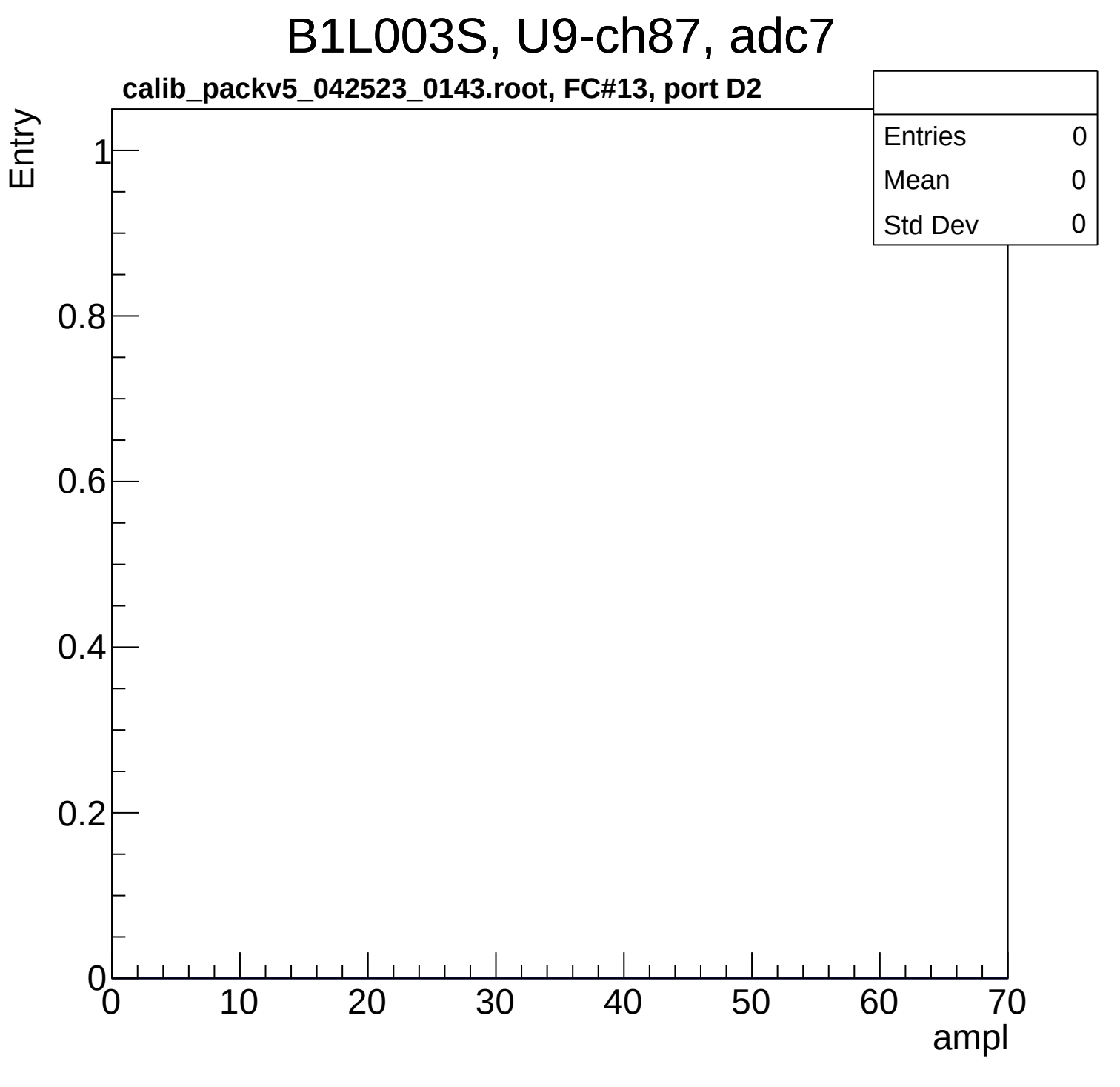
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch87, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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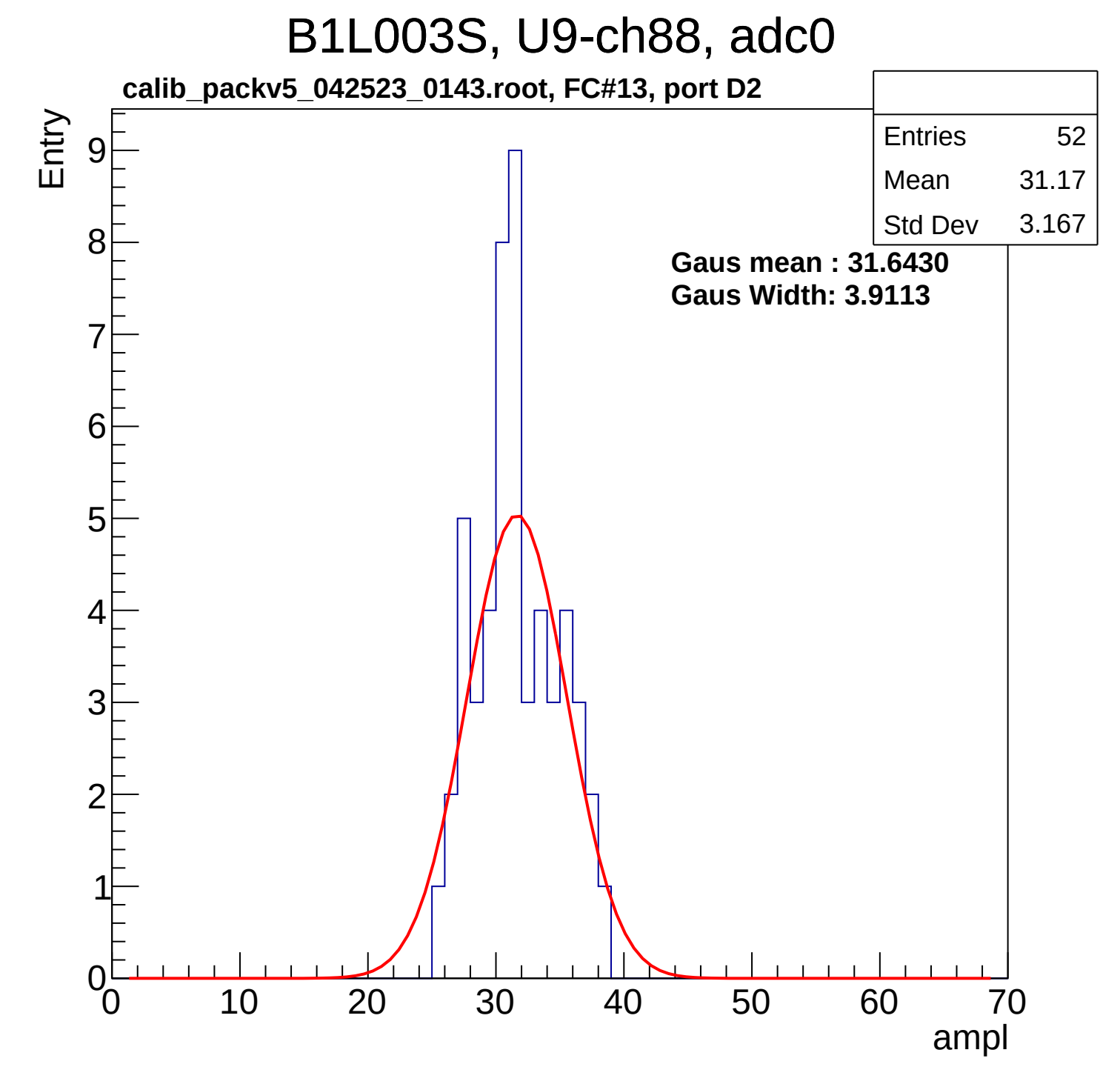
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch88, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 31.17
Std Dev 3.167
Gaus mean : 31.6430
Gaus Width: 3.9113
Entry
ampl
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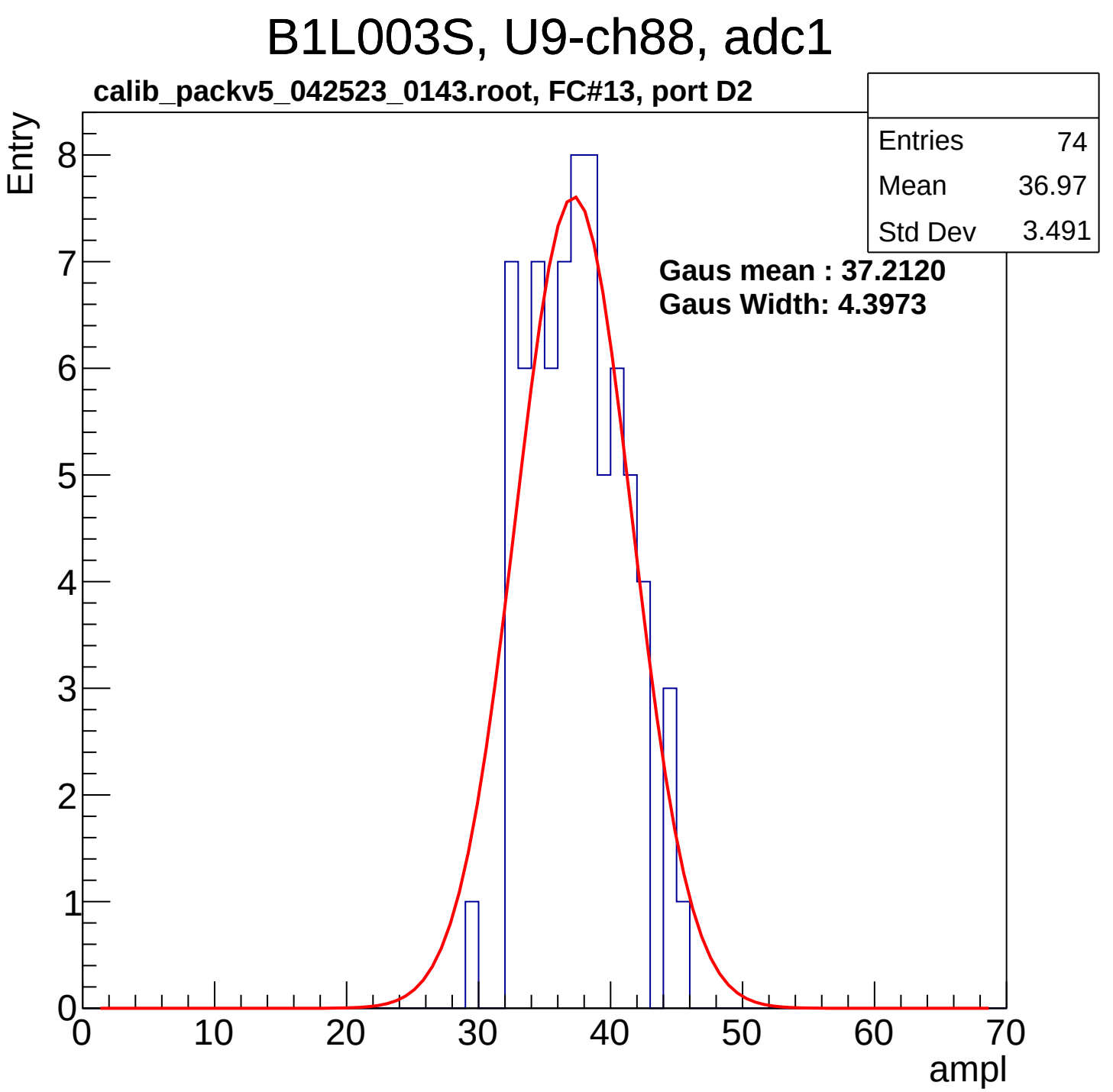
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch88, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 36.97
Std Dev 3.491
Gaus mean : 37.2120
Gaus Width: 4.3973
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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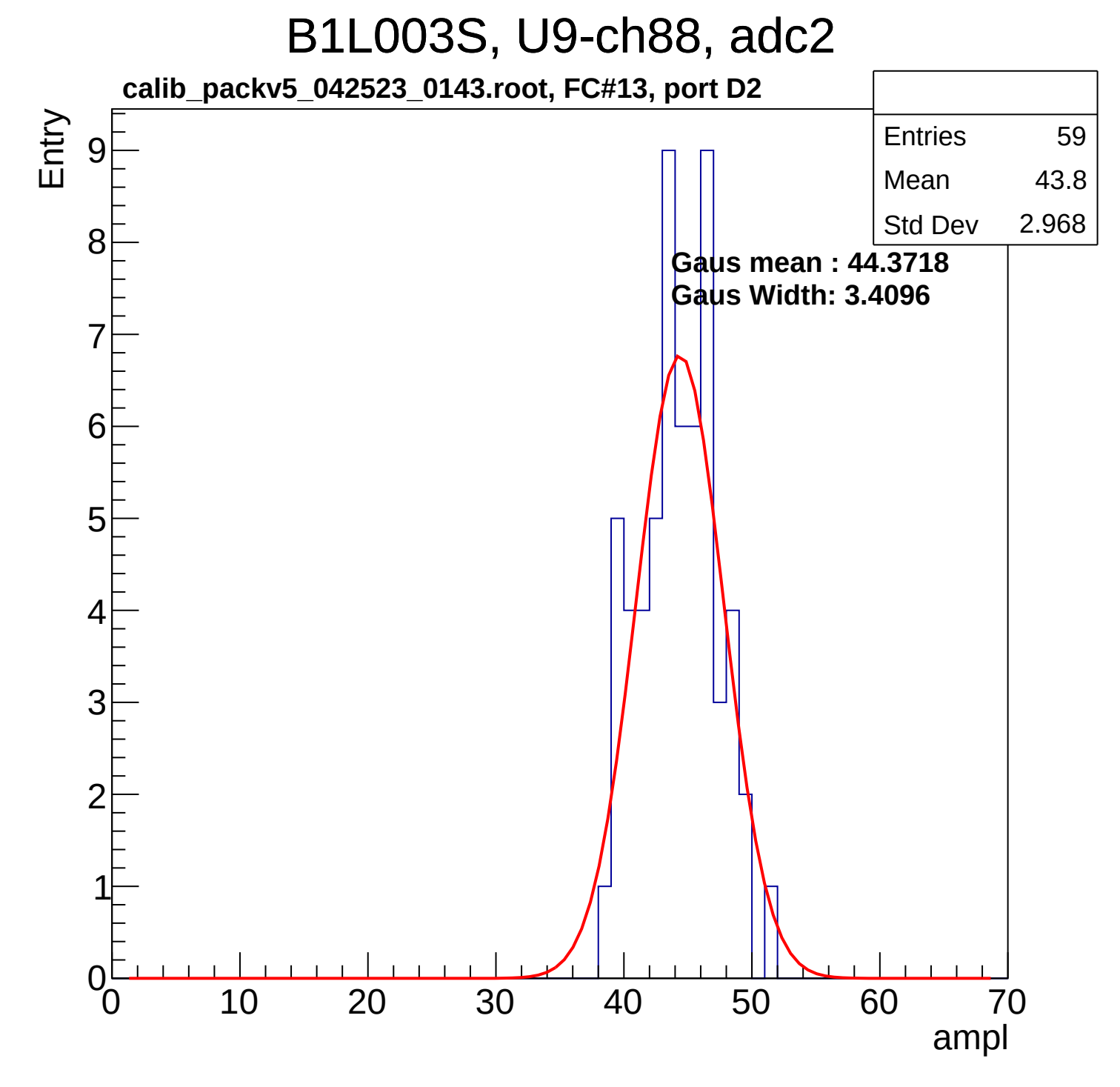
B1L003S, U9-ch88, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 43.8
Std Dev 2.968
Gaus mean : 44.3718
Gaus Width: 3.4096
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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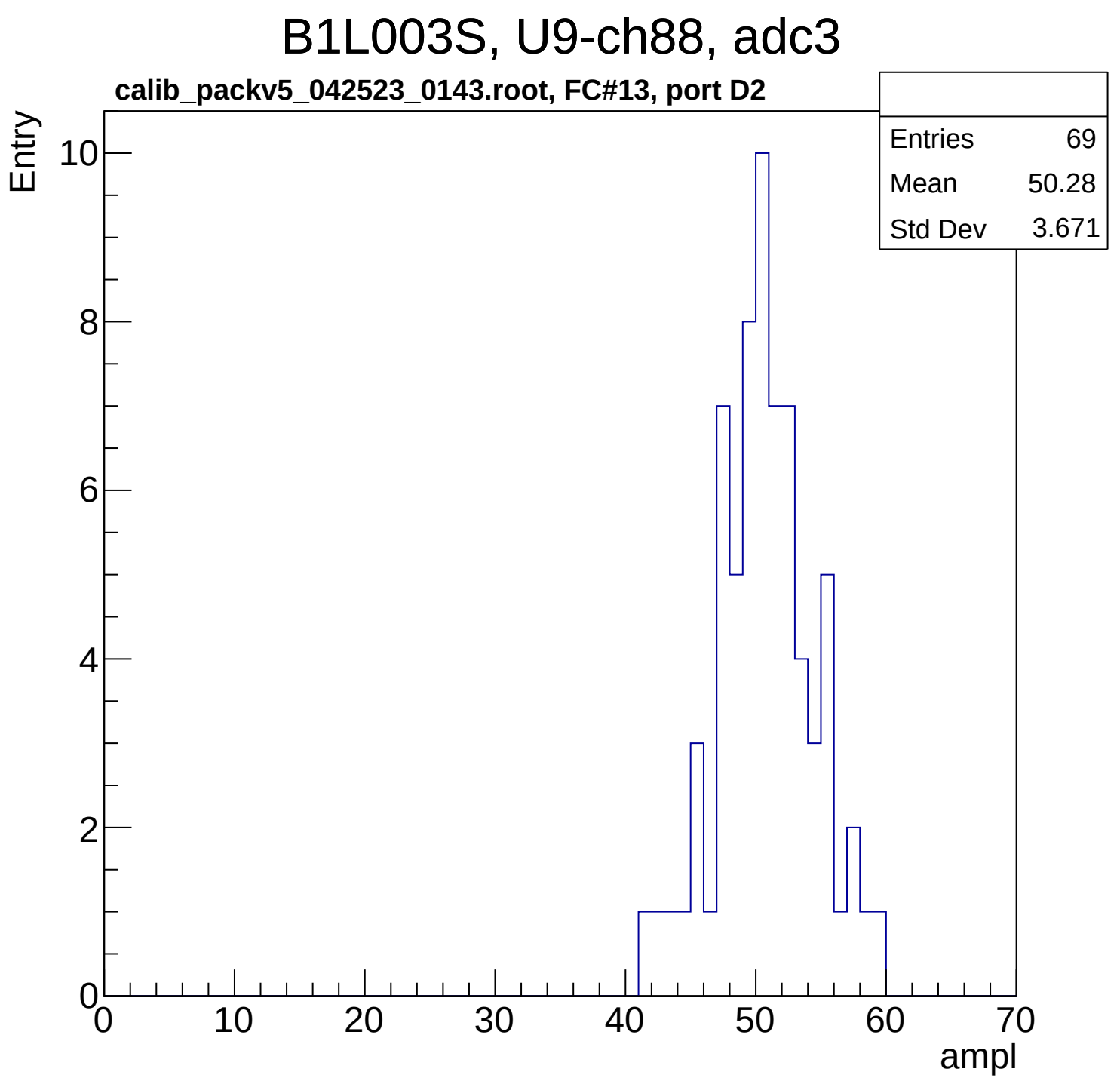
B1L003S, U9-ch88, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 50.28
Std Dev 3.671
Entry
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6
8
10
0
10
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30
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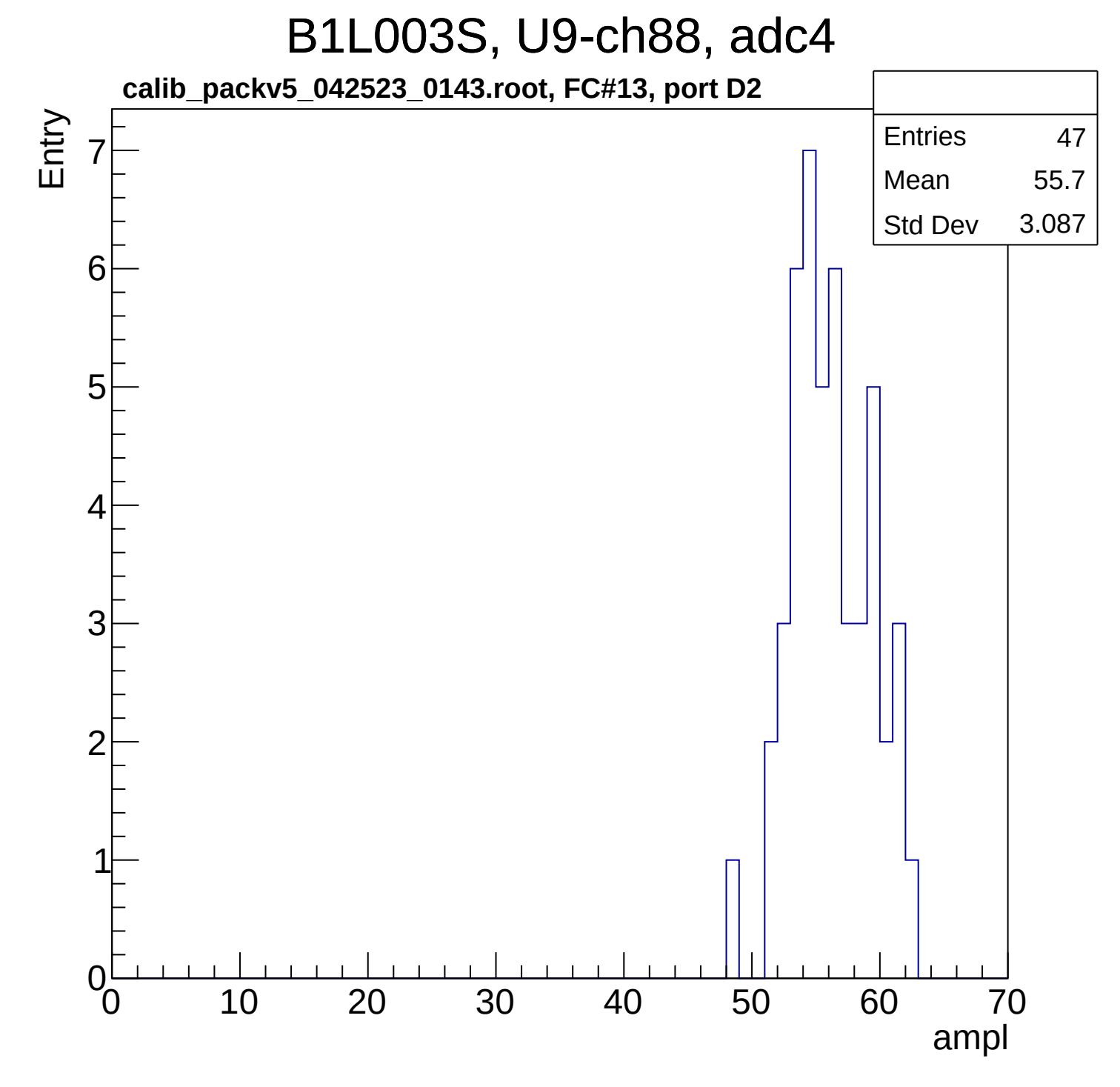
50
60
70
ampl


B1L003S, U9-ch88, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 55.7
Std Dev 3.087
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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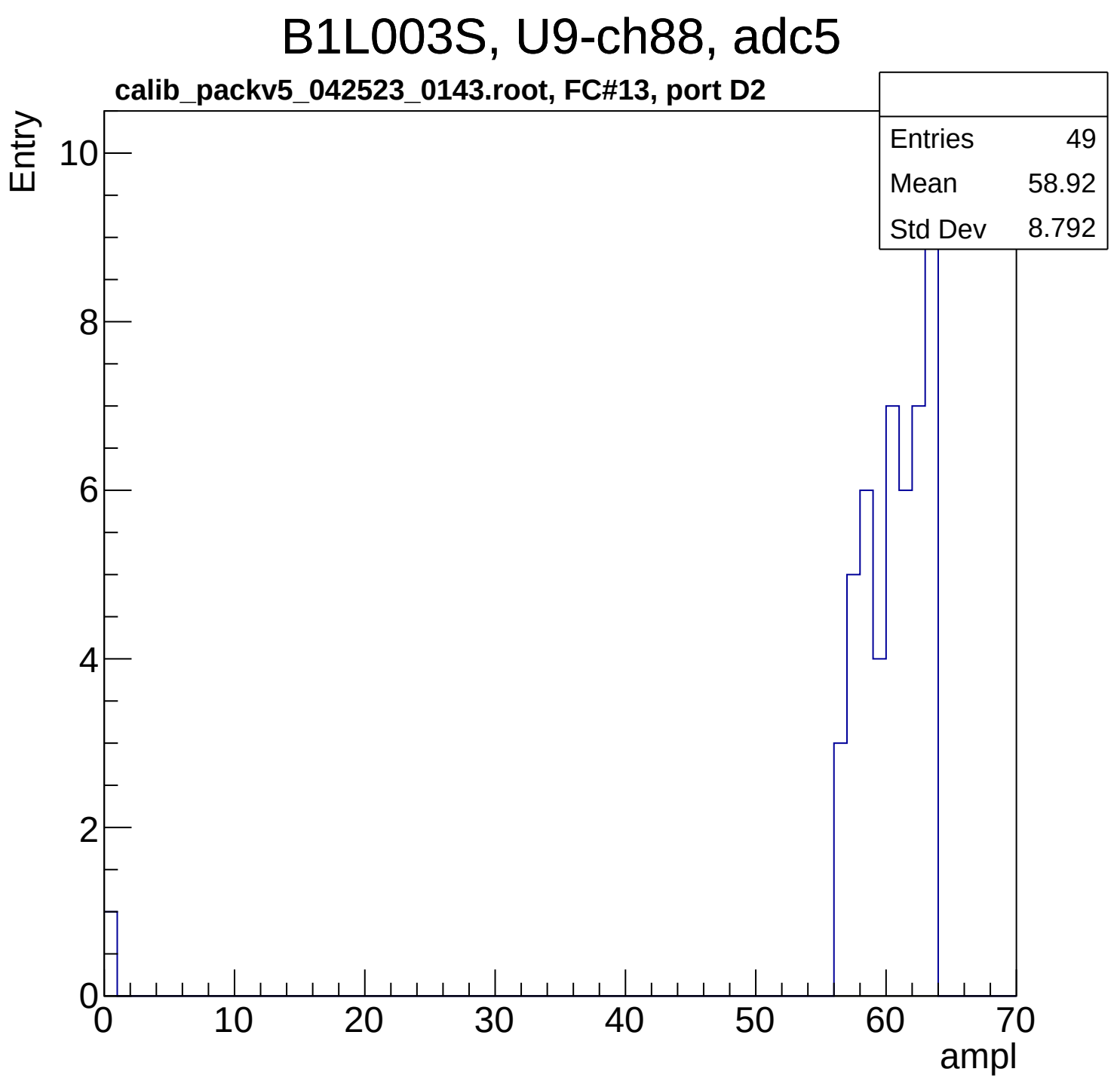
40
50
60
70


B1L003S, U9-ch88, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 58.92
Std Dev 8.792
Entry
0
2
4
6
8
10
0
10
20
30
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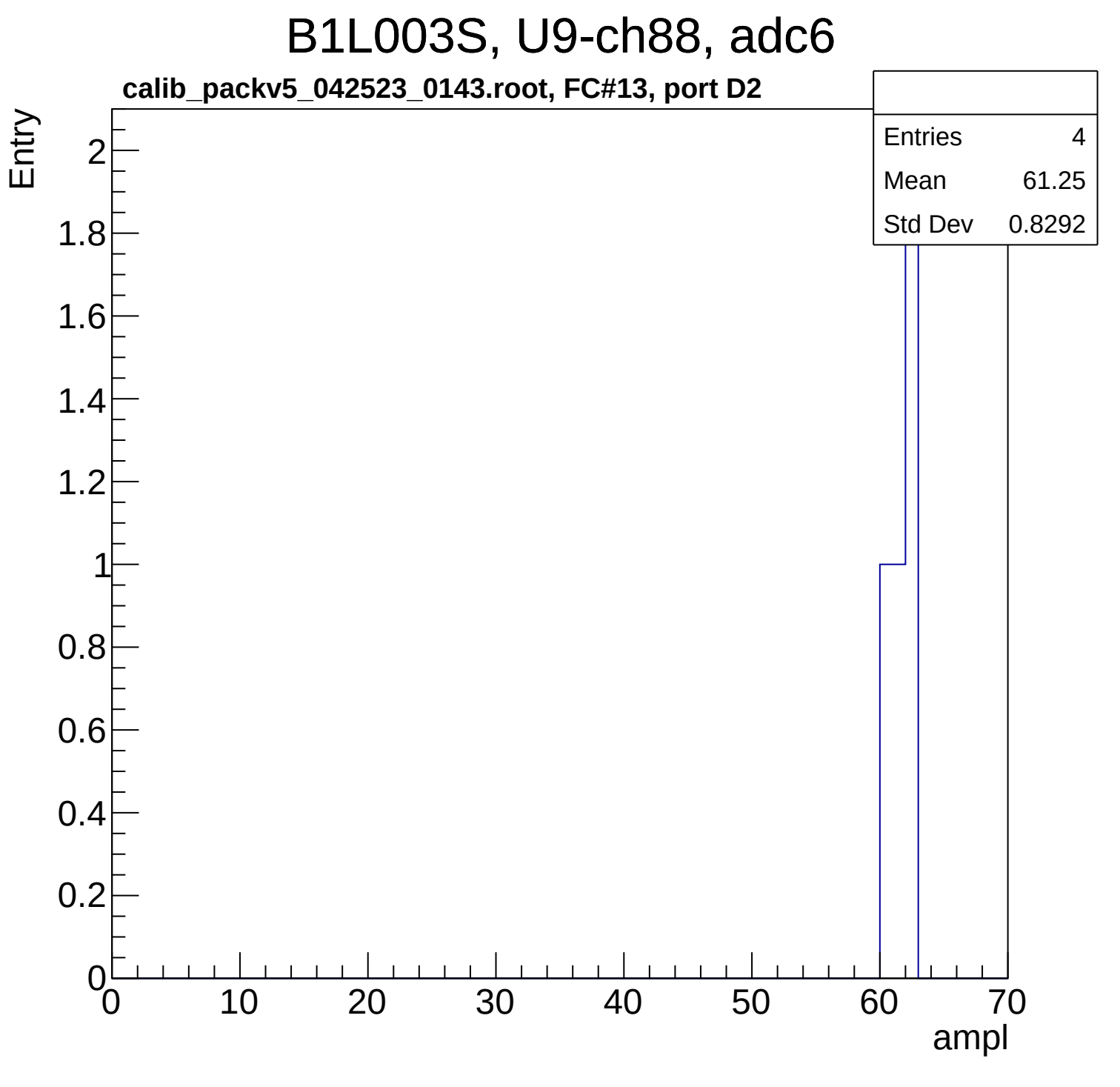
50
60
70
ampl


B1L003S, U9-ch88, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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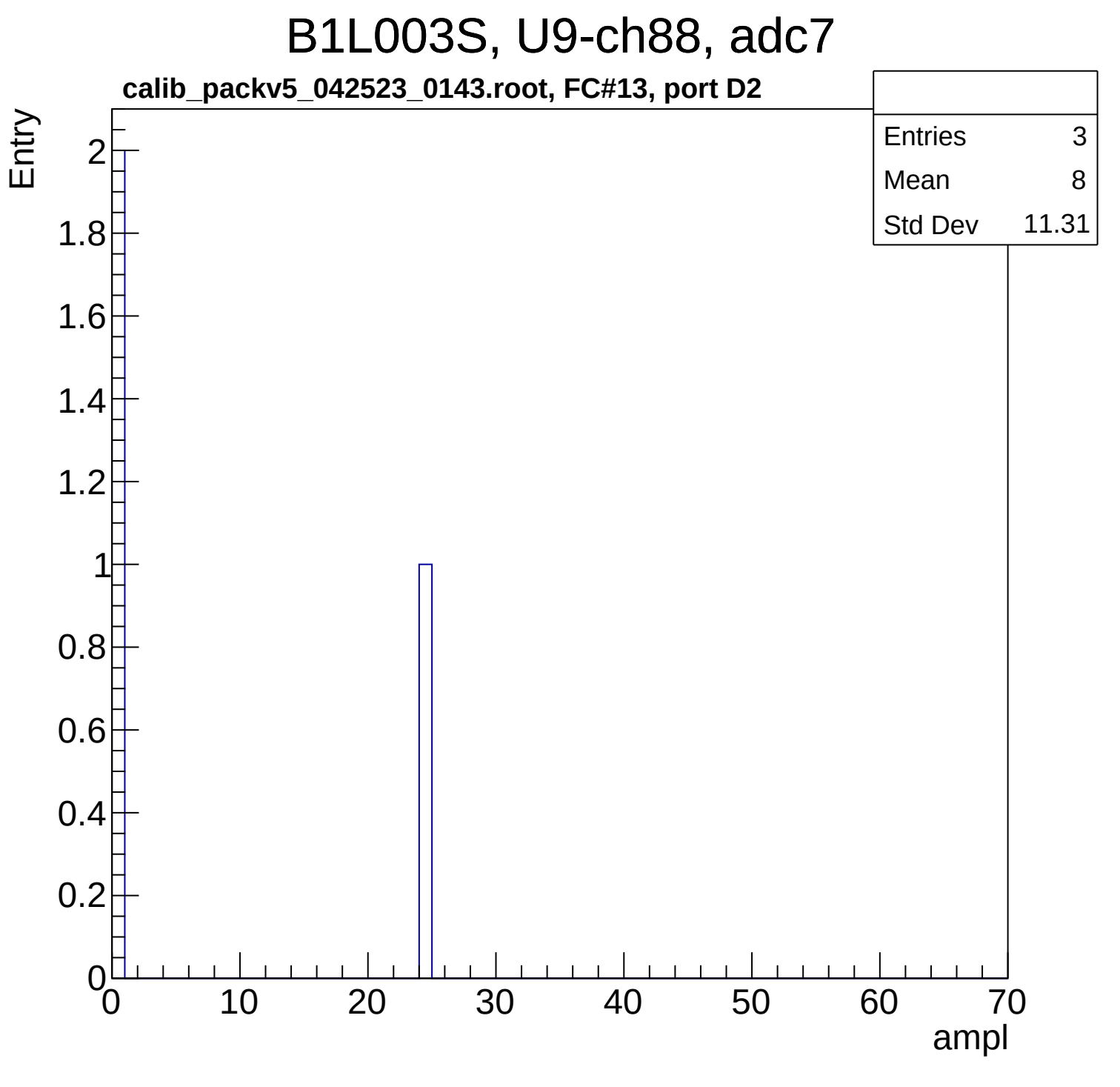
B1L003S, U9-ch88, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 8
Std Dev 11.31
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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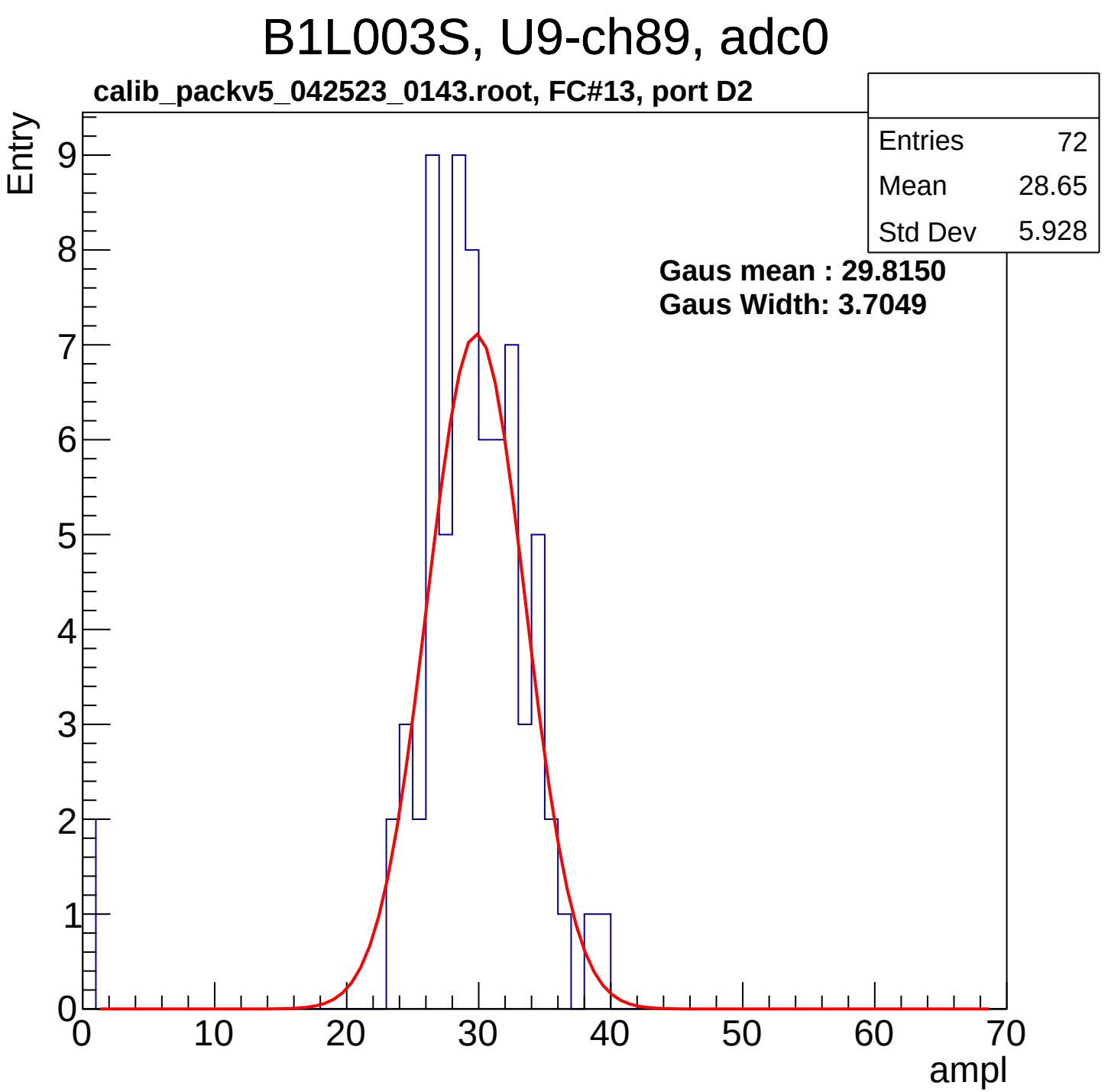
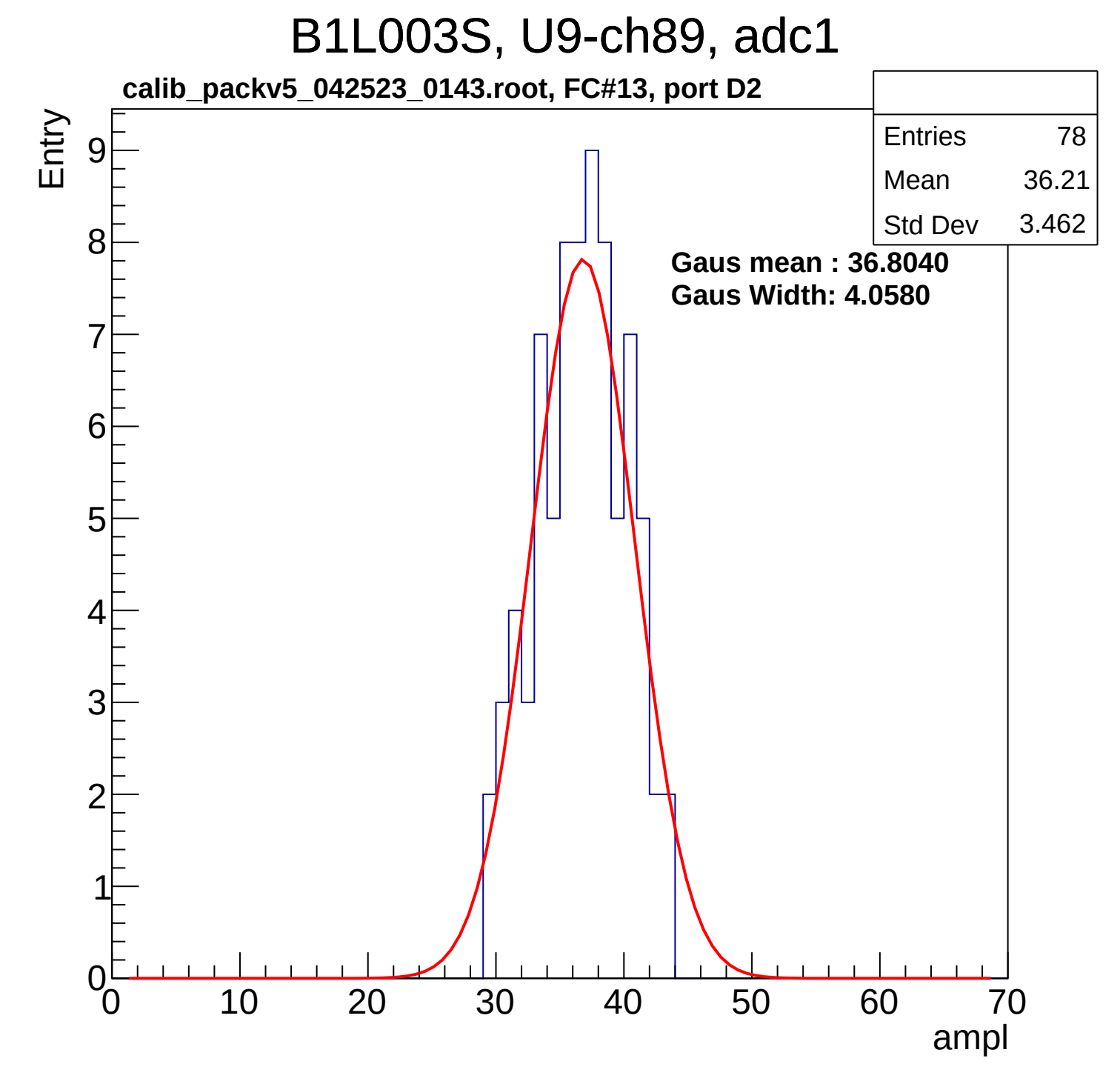

B1L003S, U9-ch89, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 28.65
Std Dev 5.928
Gaus mean : 29.8150
Gaus Width: 3.7049
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch89, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 36.21
Std Dev 3.462
Gaus mean : 36.8040
Gaus Width: 4.0580
Entry
ampl
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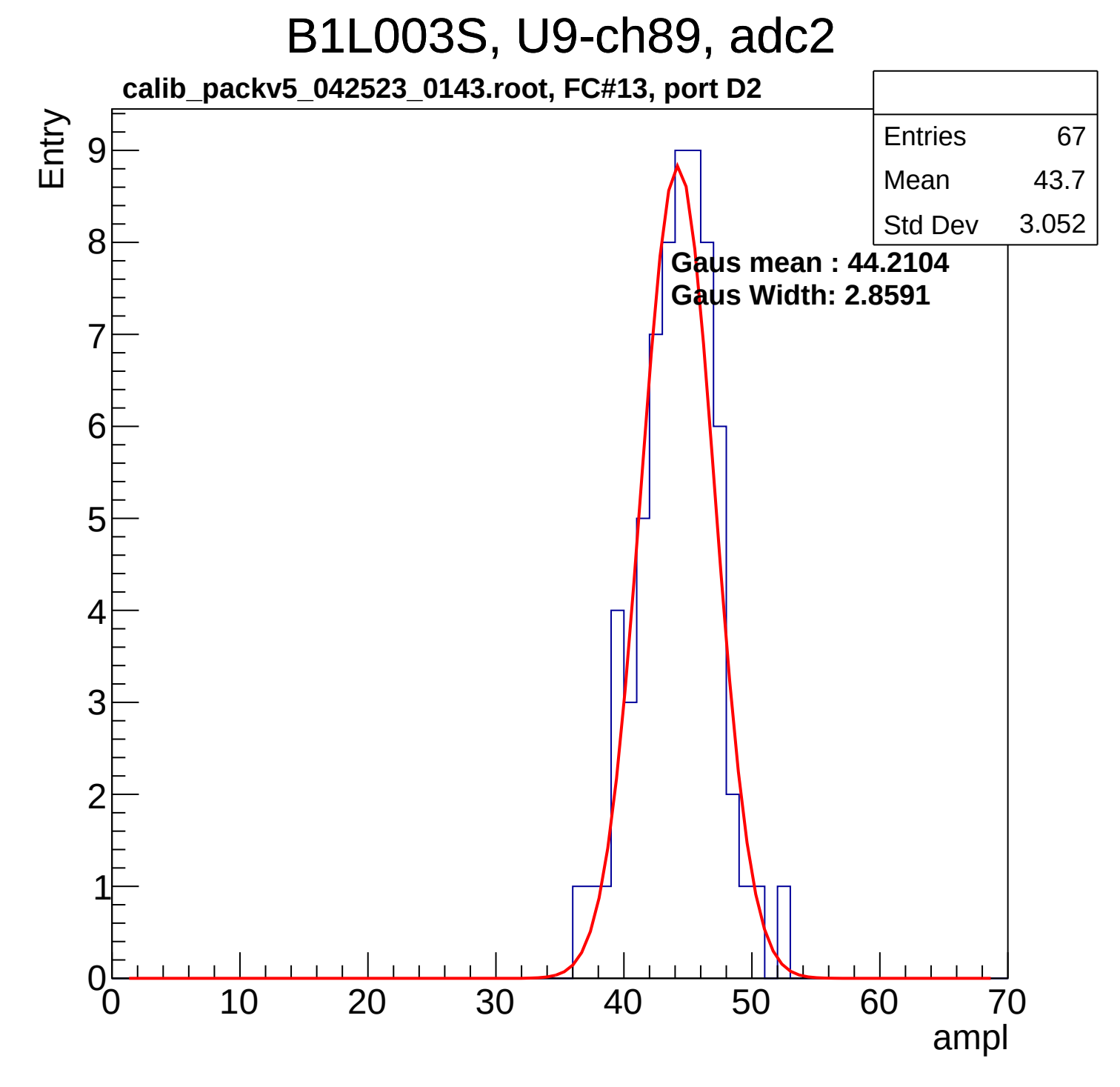
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch89, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 43.7
Std Dev 3.052
Gaus mean : 44.2104
Gaus Width: 2.8591
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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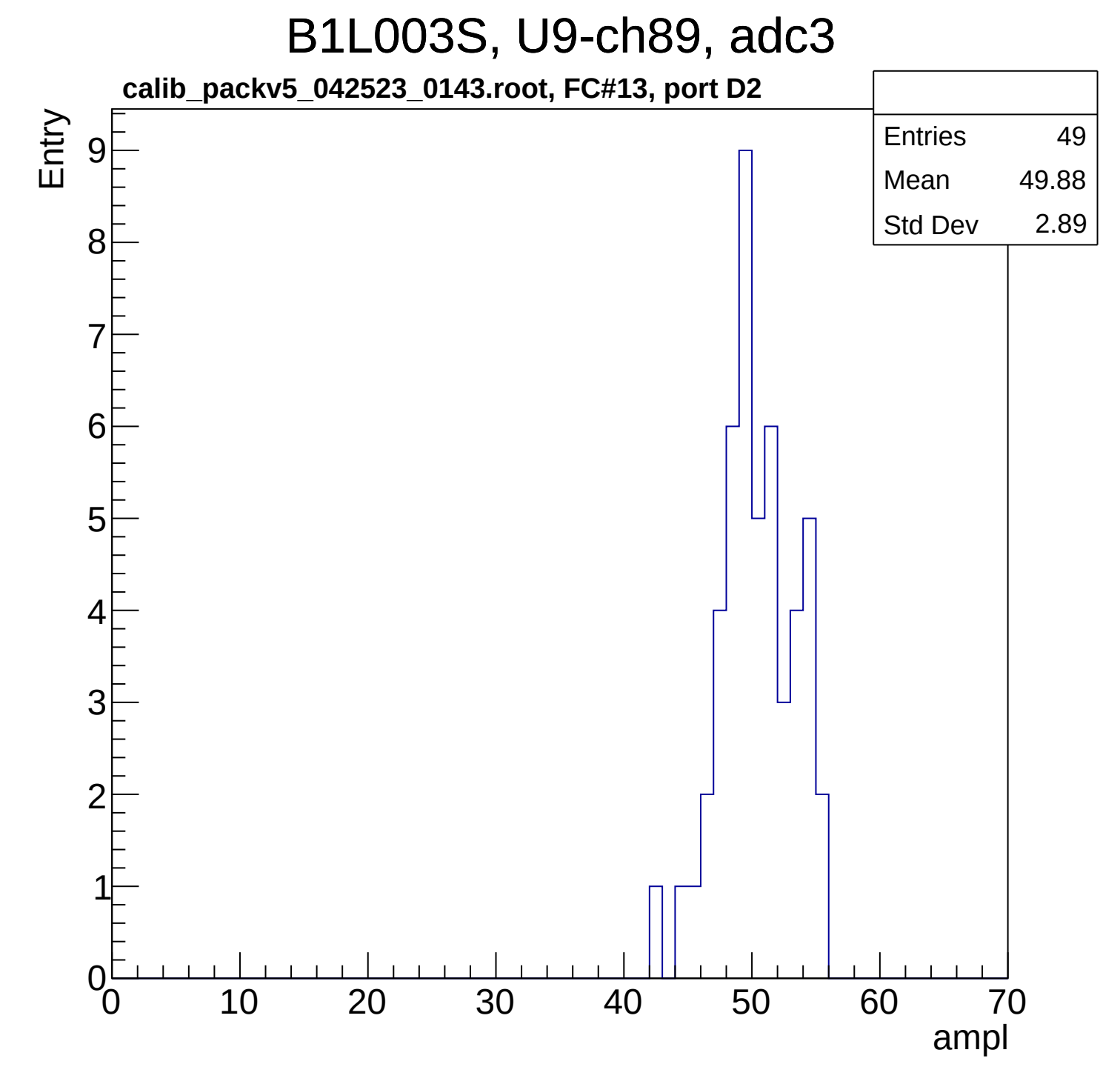
B1L003S, U9-ch89, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 49.88
Std Dev 2.89
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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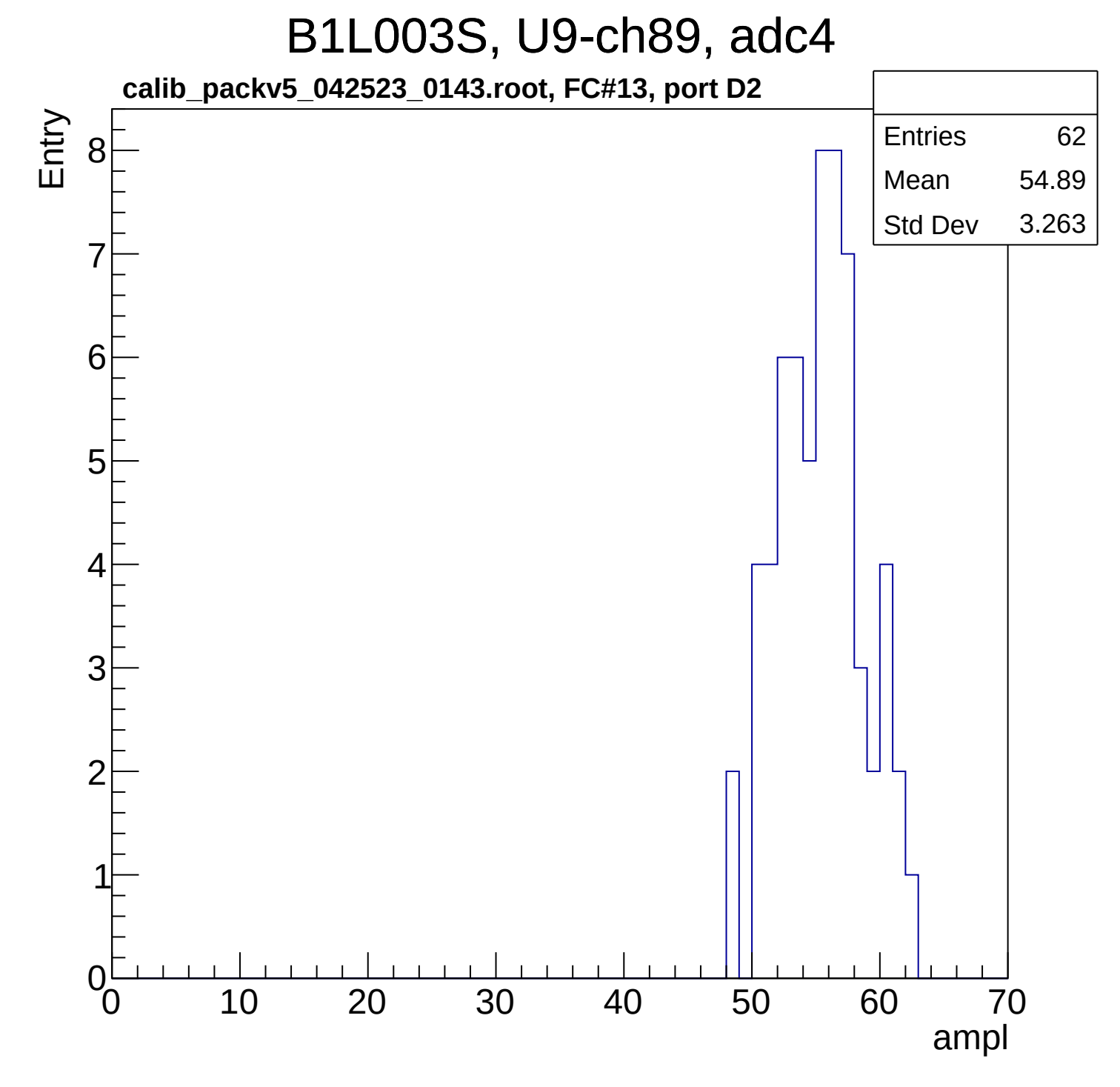
B1L003S, U9-ch89, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 54.89
Std Dev 3.263
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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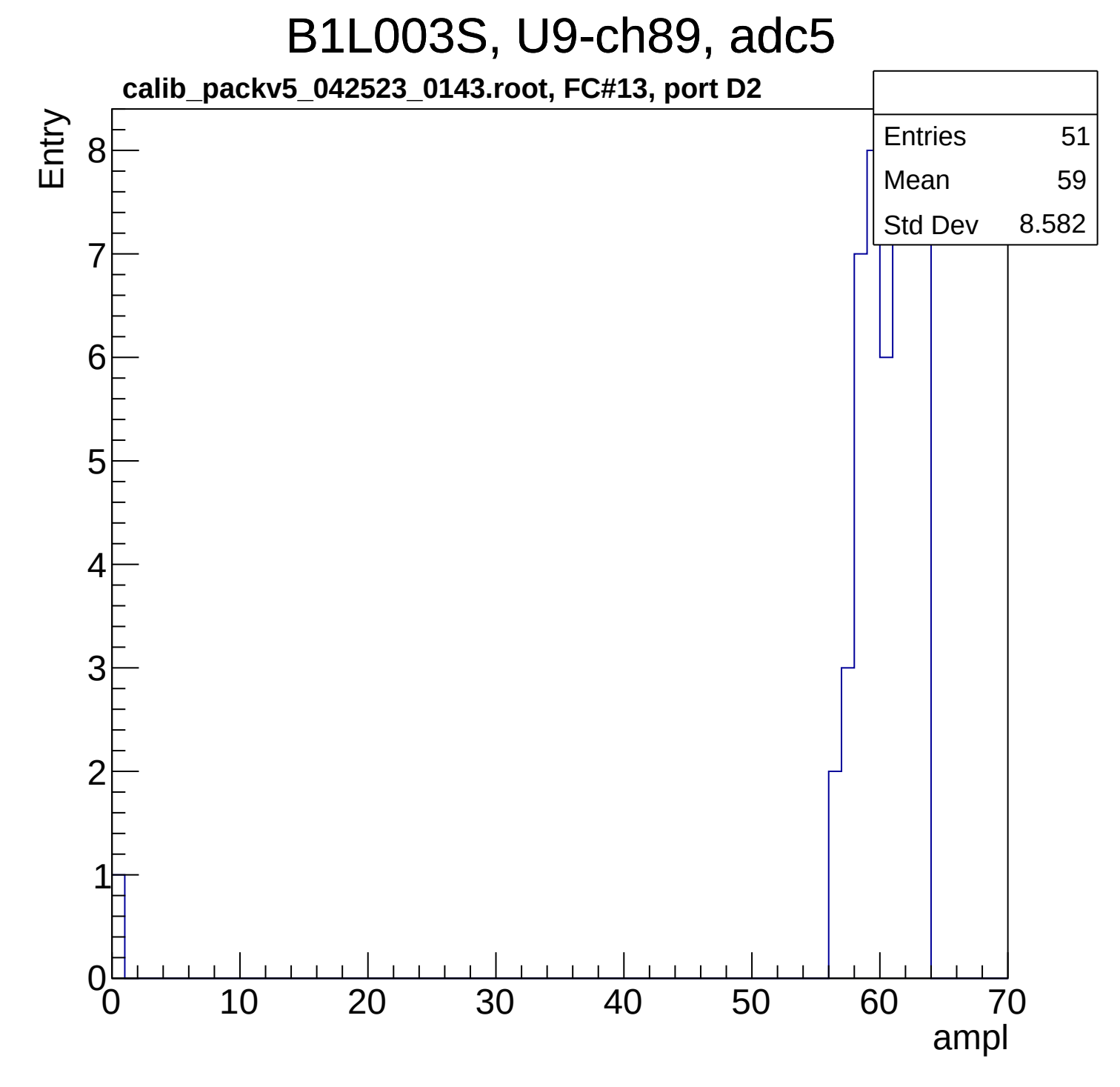
B1L003S, U9-ch89, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 59
Std Dev 8.582
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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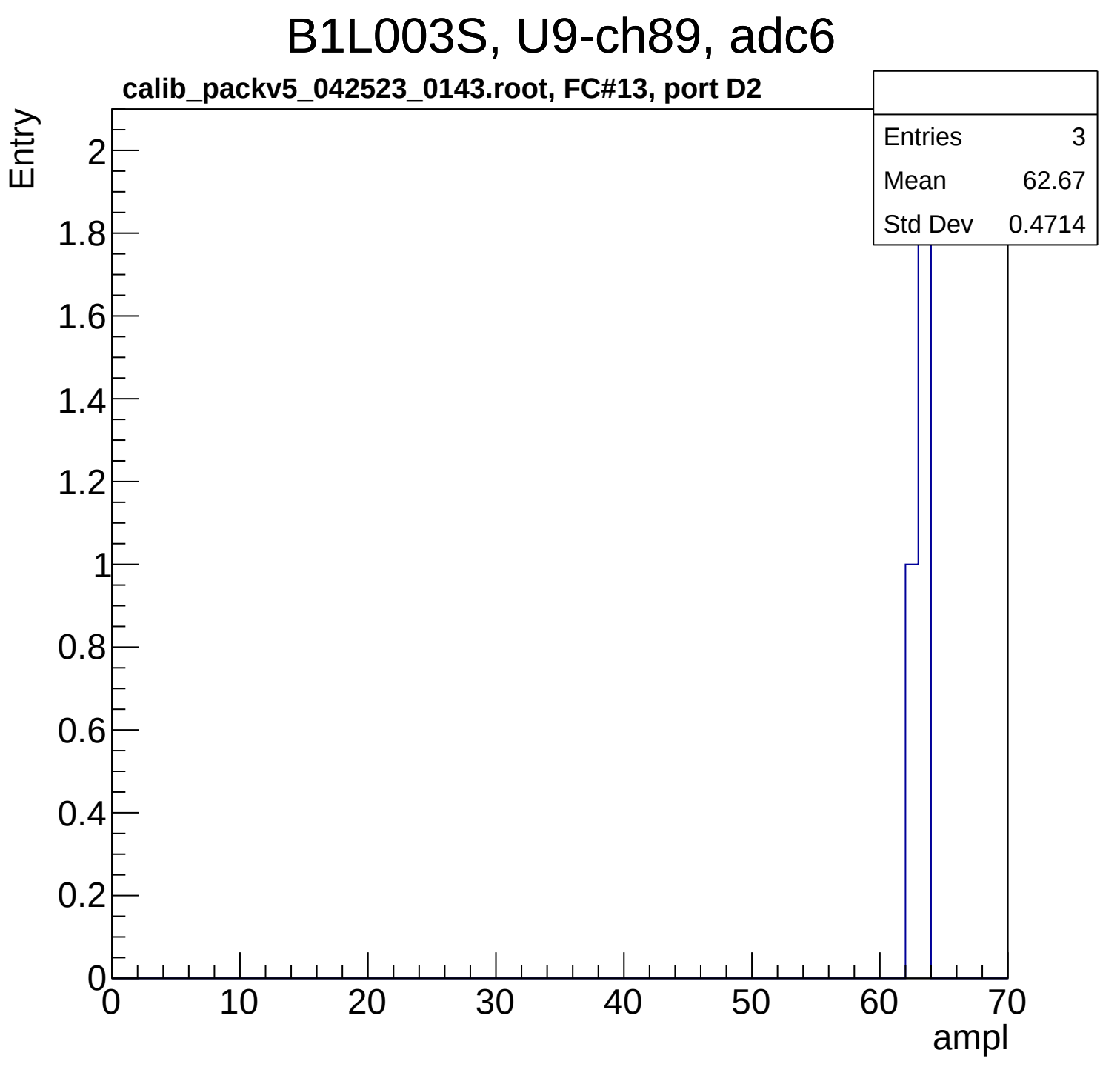
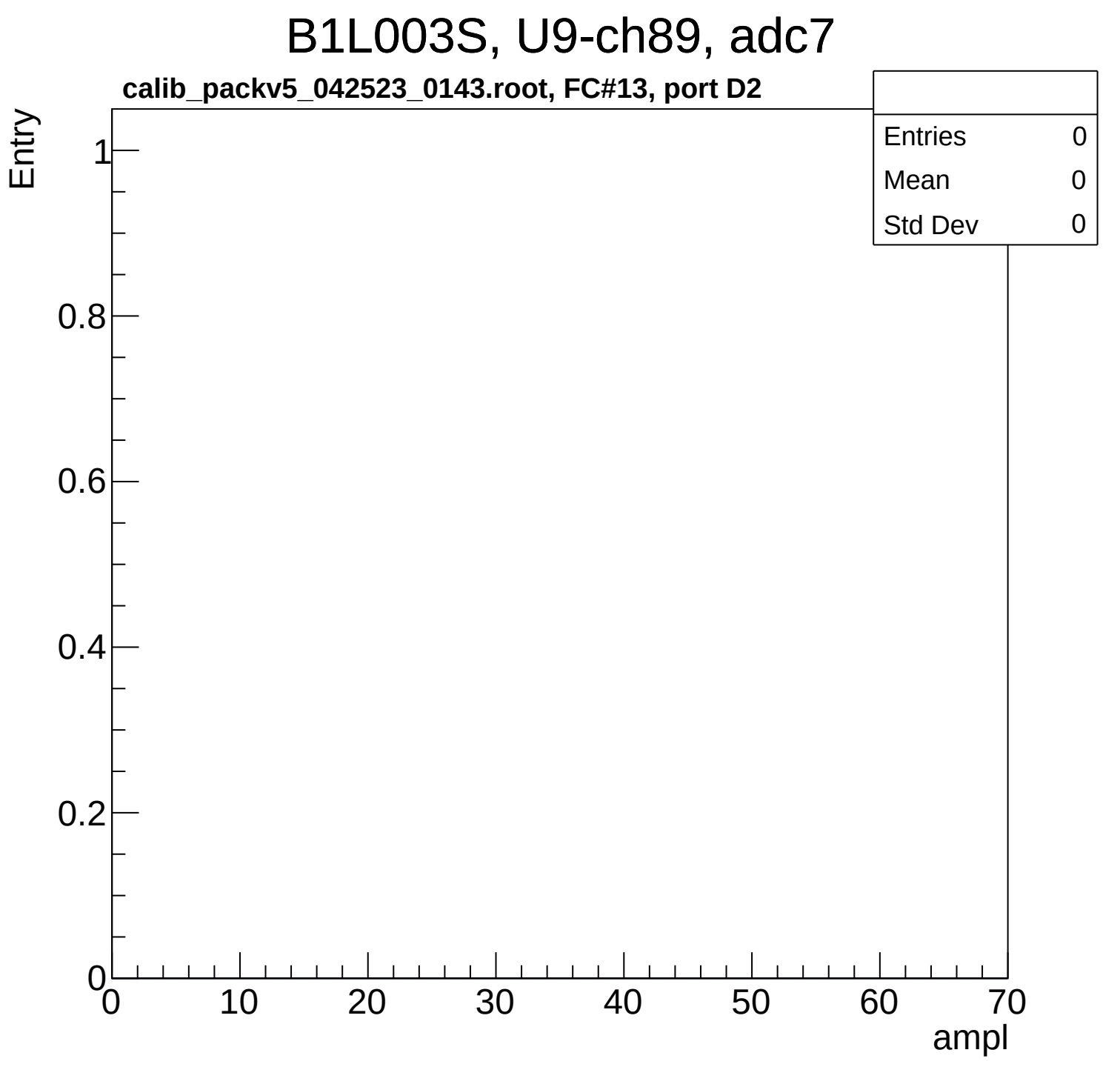

B1L003S, U9-ch89, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch89, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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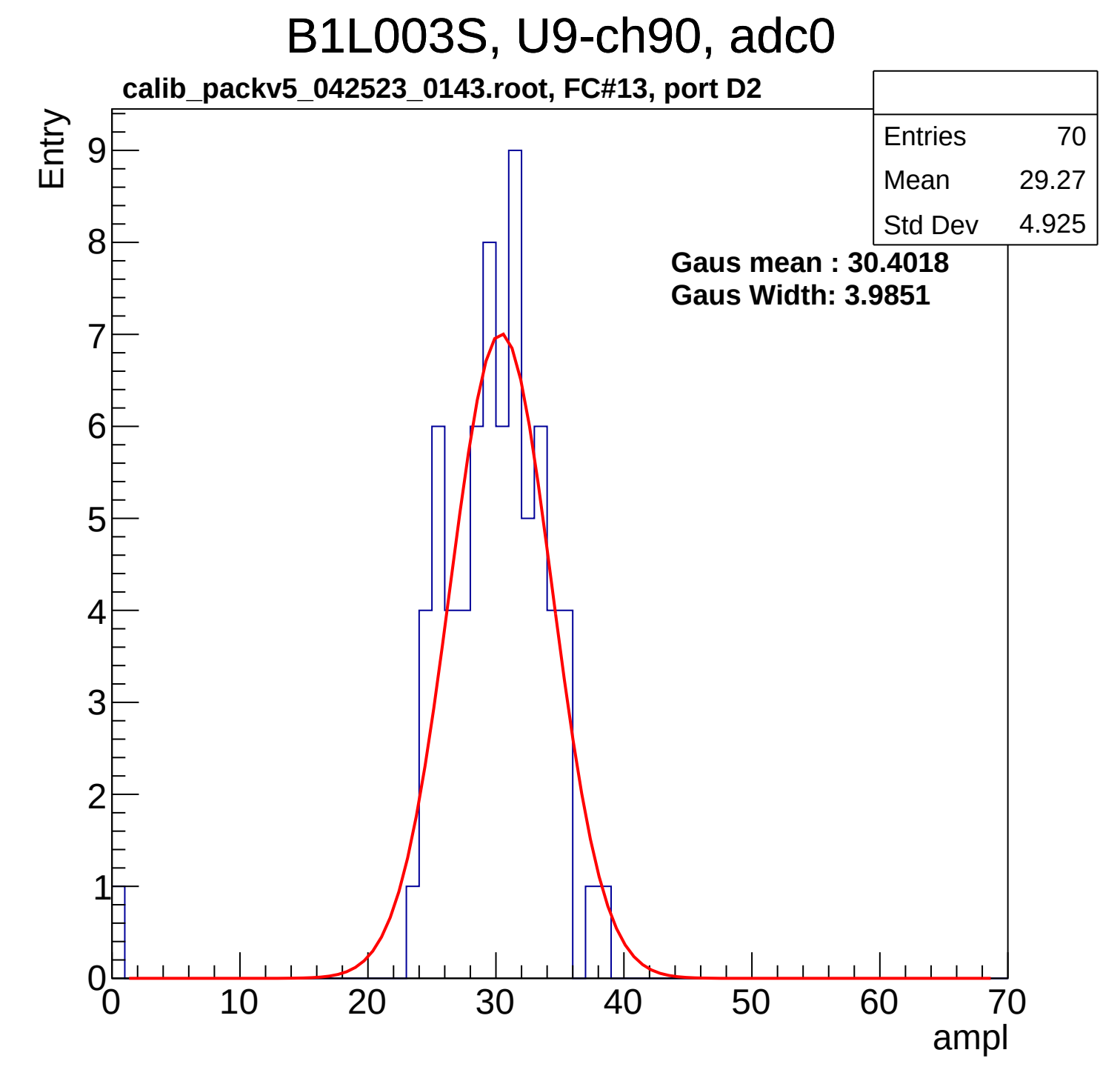
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch90, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 29.27
Std Dev 4.925
Gaus mean : 30.4018
Gaus Width: 3.9851
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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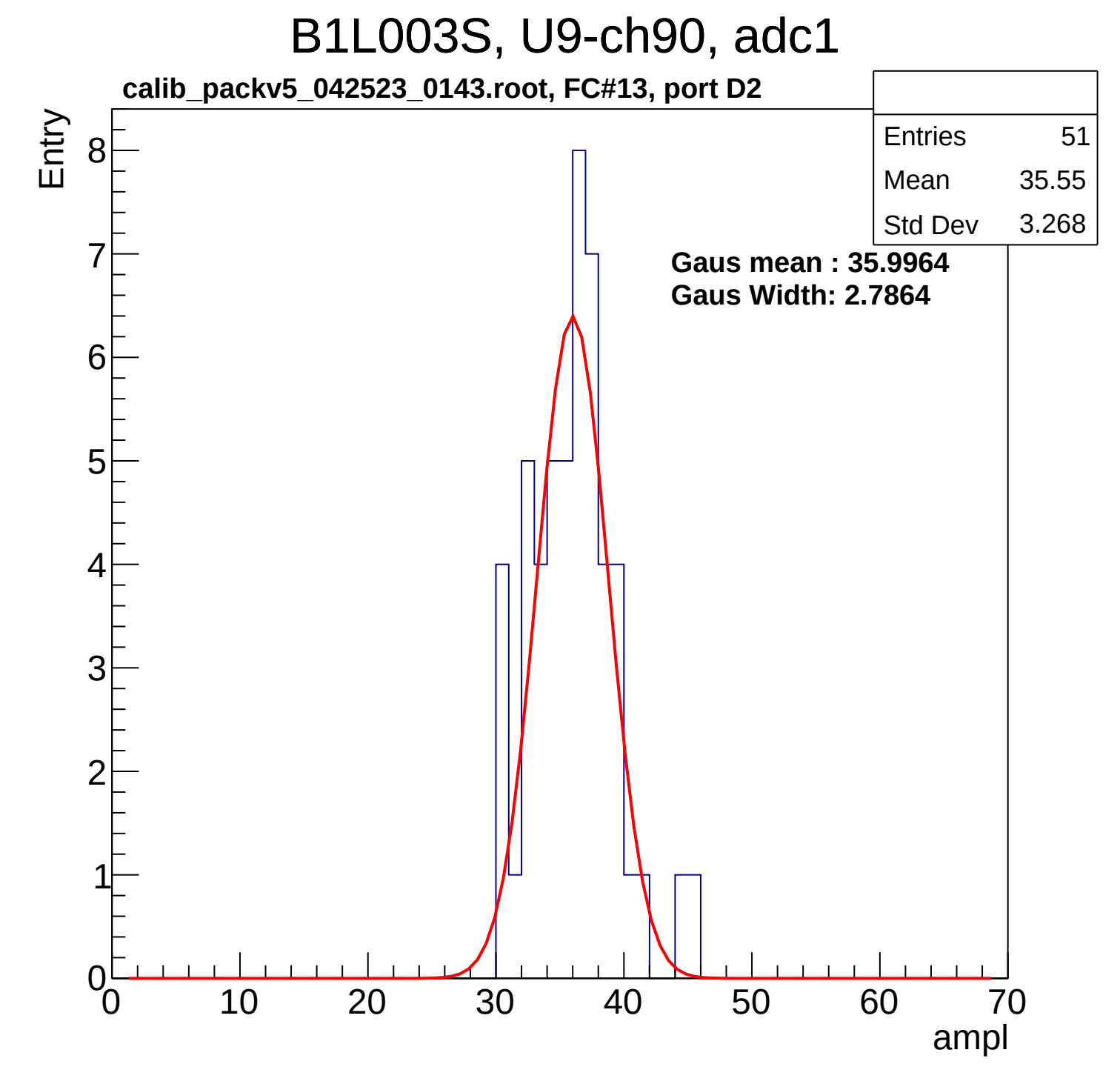
B1L003S, U9-ch90, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 35.55
Std Dev 3.268
Gaus mean : 35.9964
Gaus Width: 2.7864
Entry
ampl
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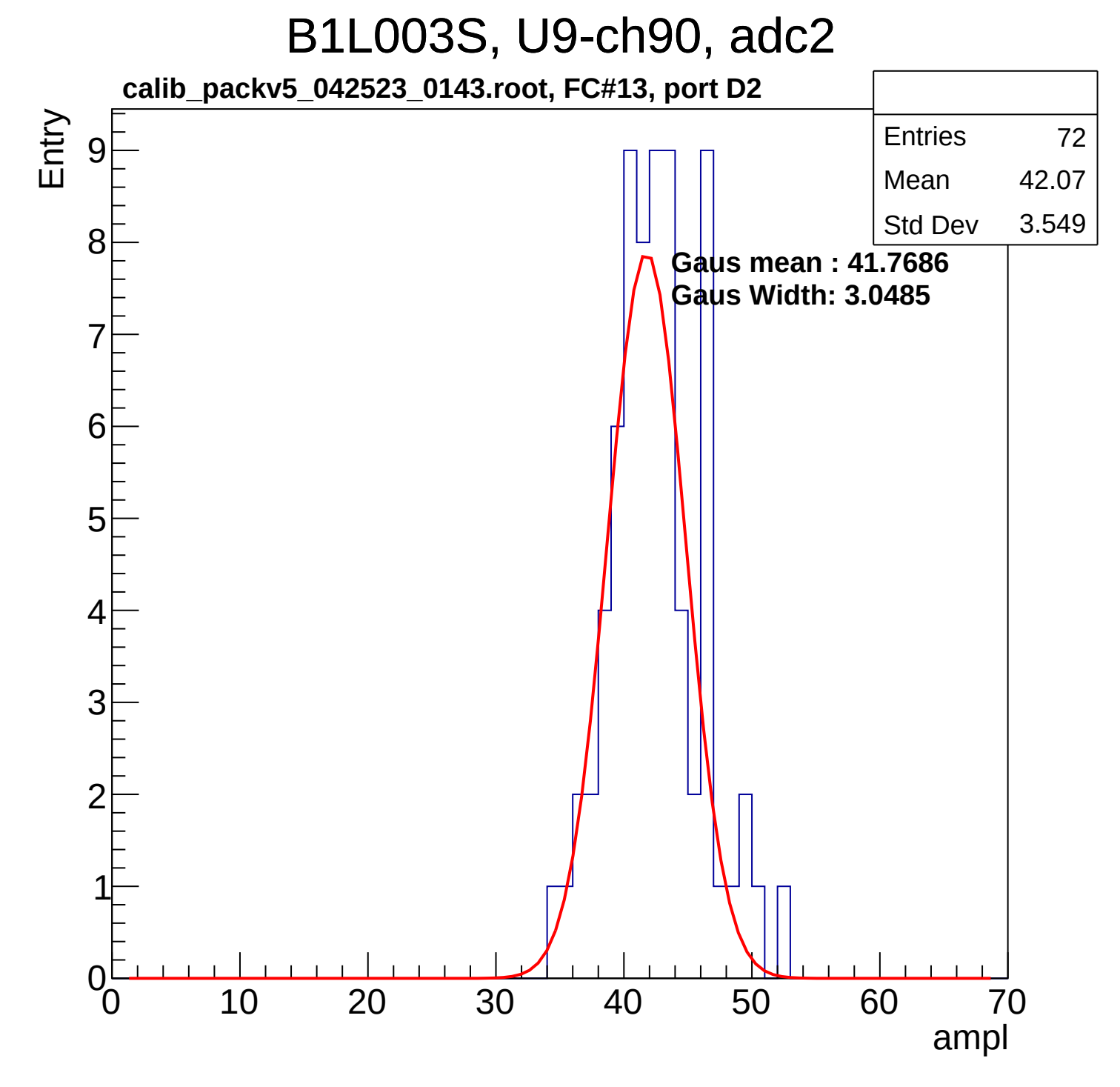
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch90, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 42.07
Std Dev 3.549
Gaus mean : 41.7686
Gaus Width: 3.0485
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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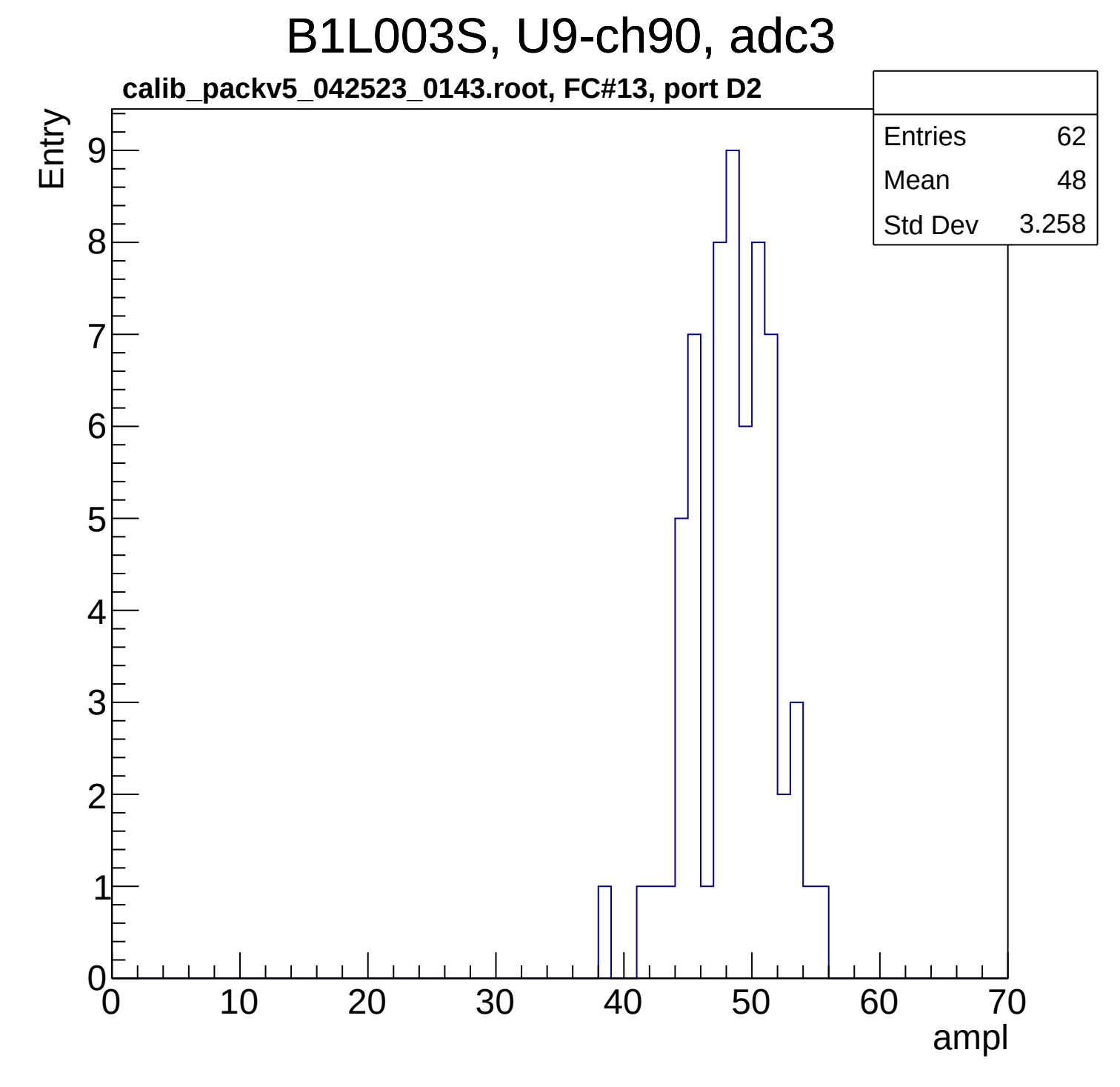
B1L003S, U9-ch90, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 48
Std Dev 3.258
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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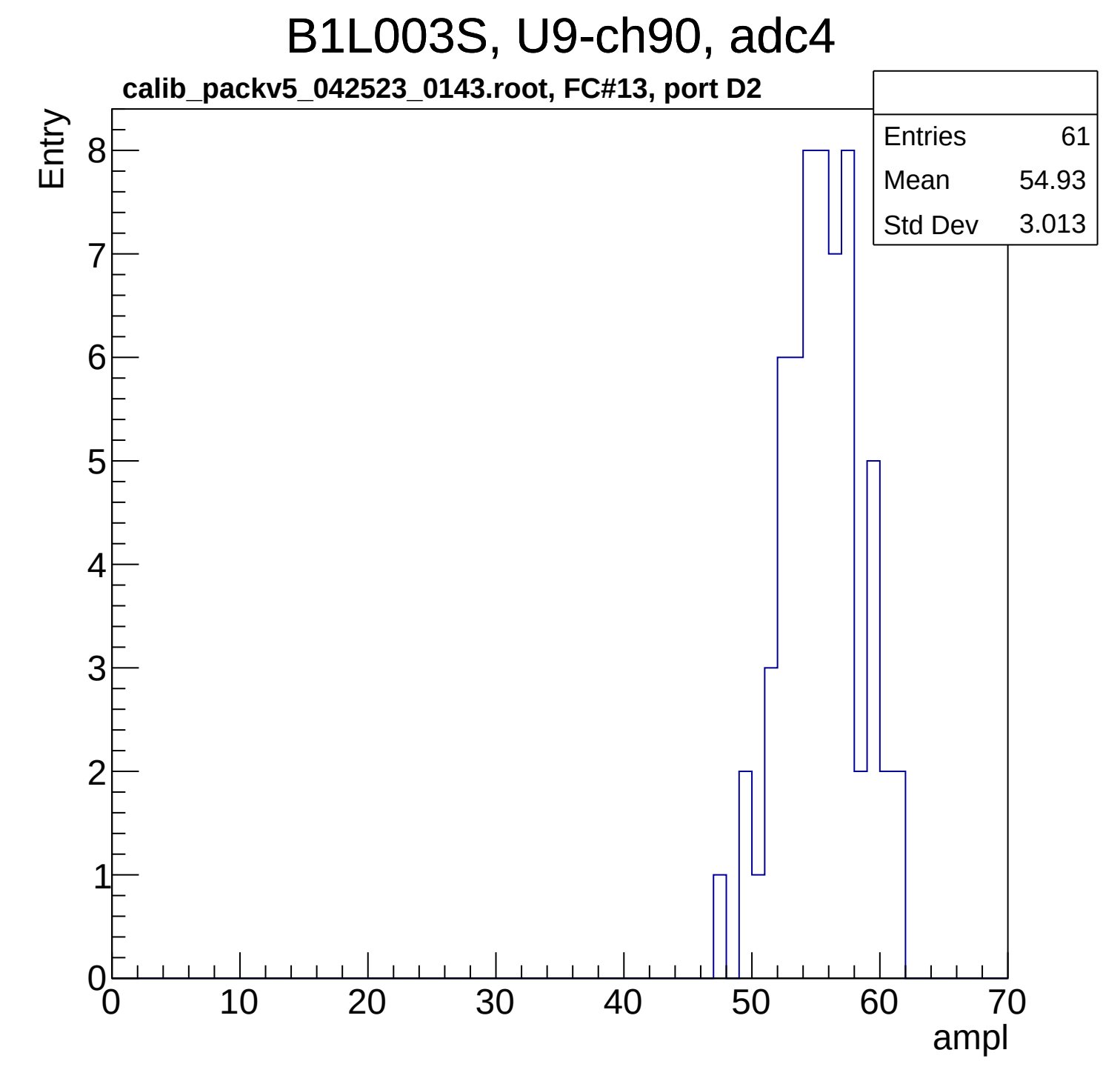
B1L003S, U9-ch90, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 54.93
Std Dev 3.013
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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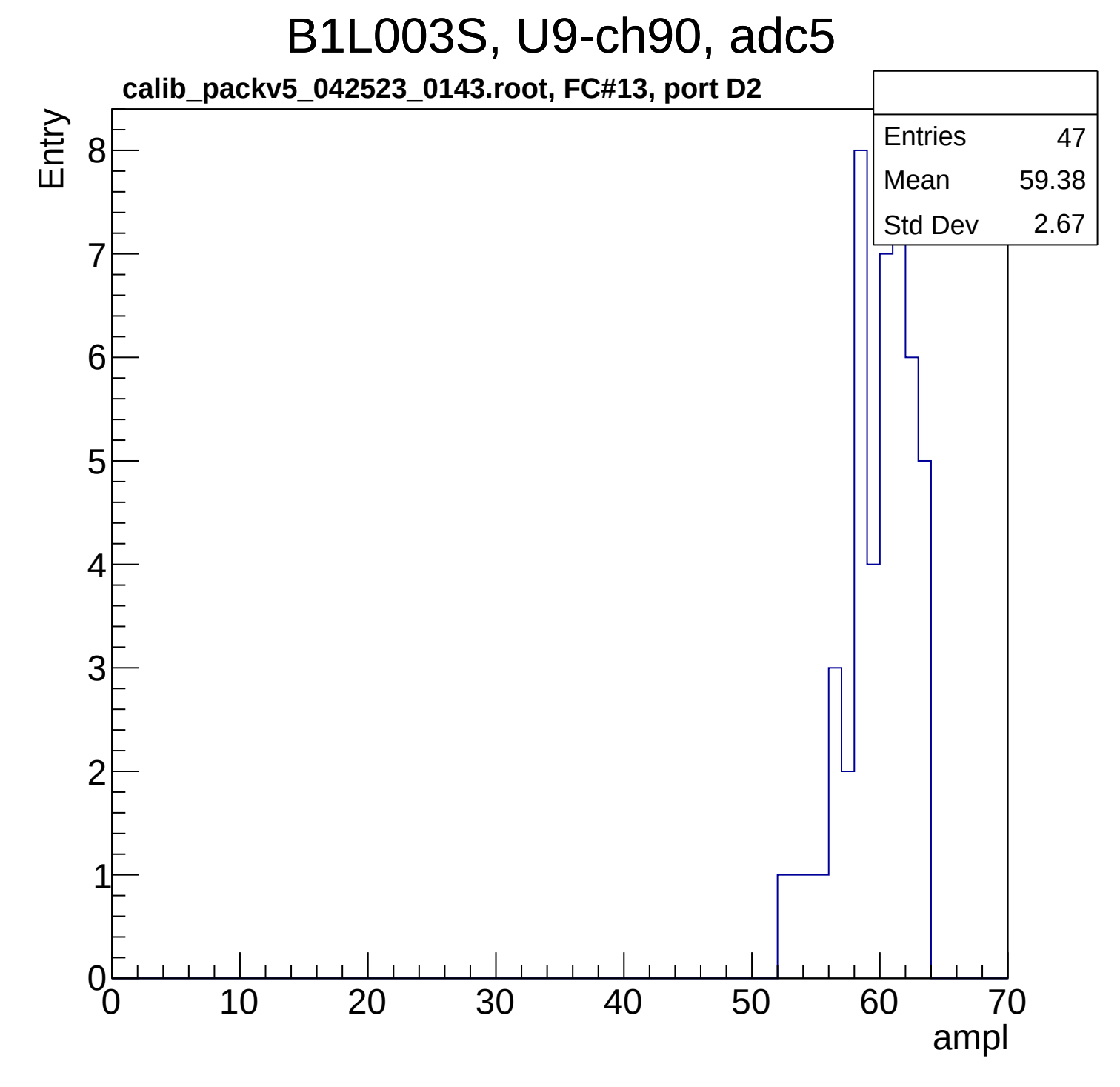
B1L003S, U9-ch90, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 59.38
Std Dev 2.67
Entry
ampl
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2
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5
6
7
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0
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20
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40
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60
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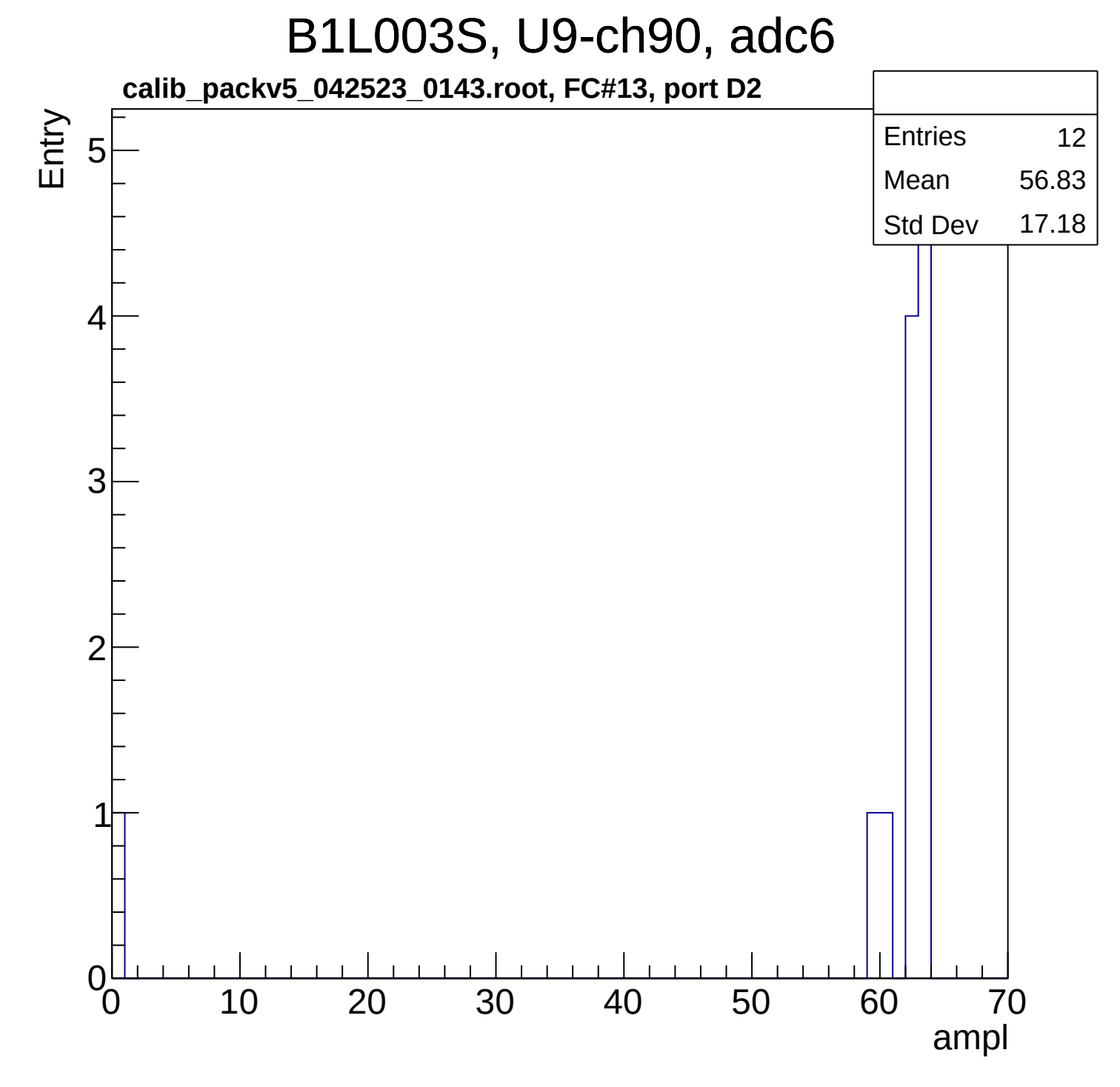
B1L003S, U9-ch90, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 56.83
Std Dev 17.18
Entry
ampl
0
1
2
3
4
5
0
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20
30
40
50
60
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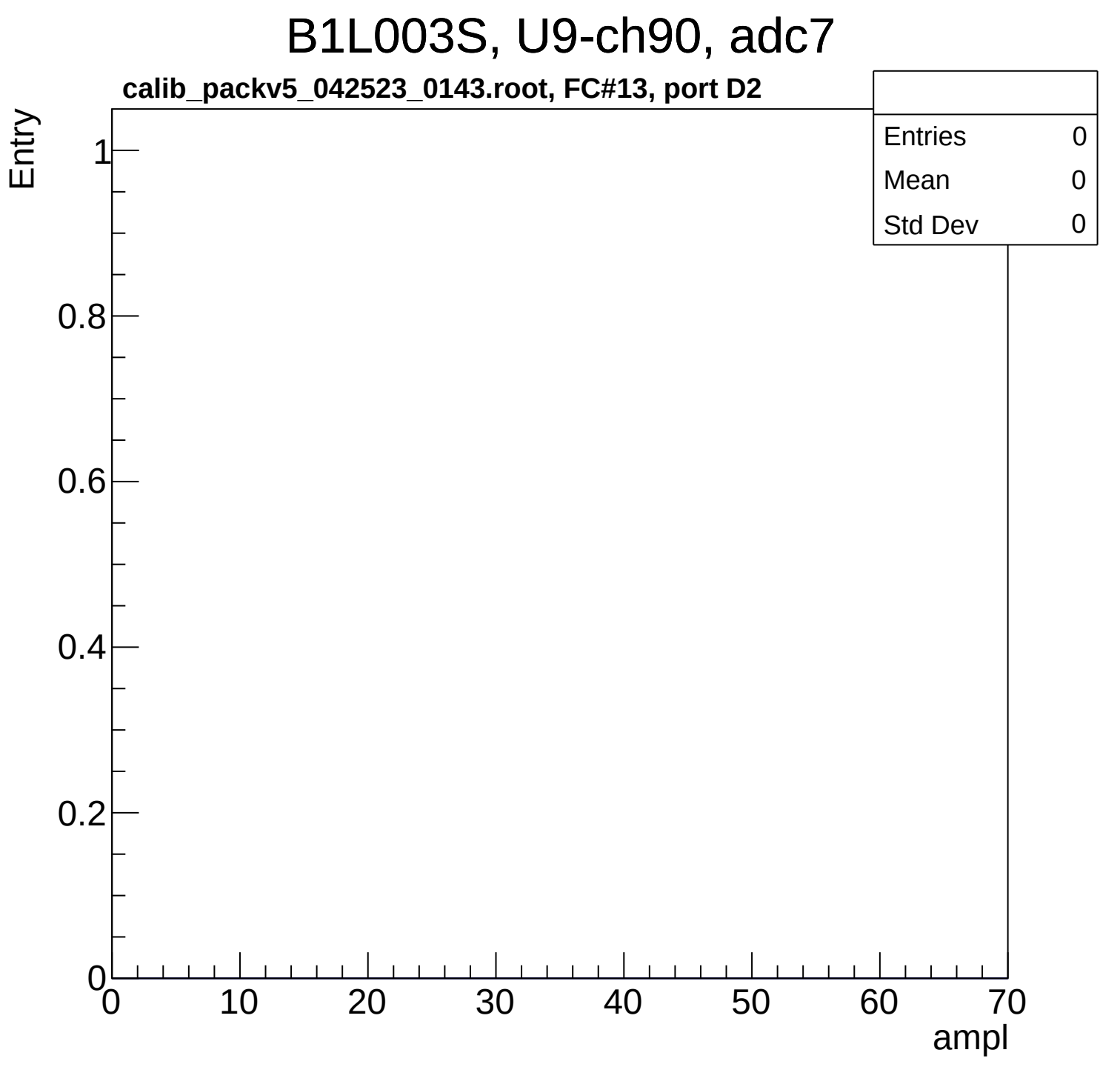
B1L003S, U9-ch90, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
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10
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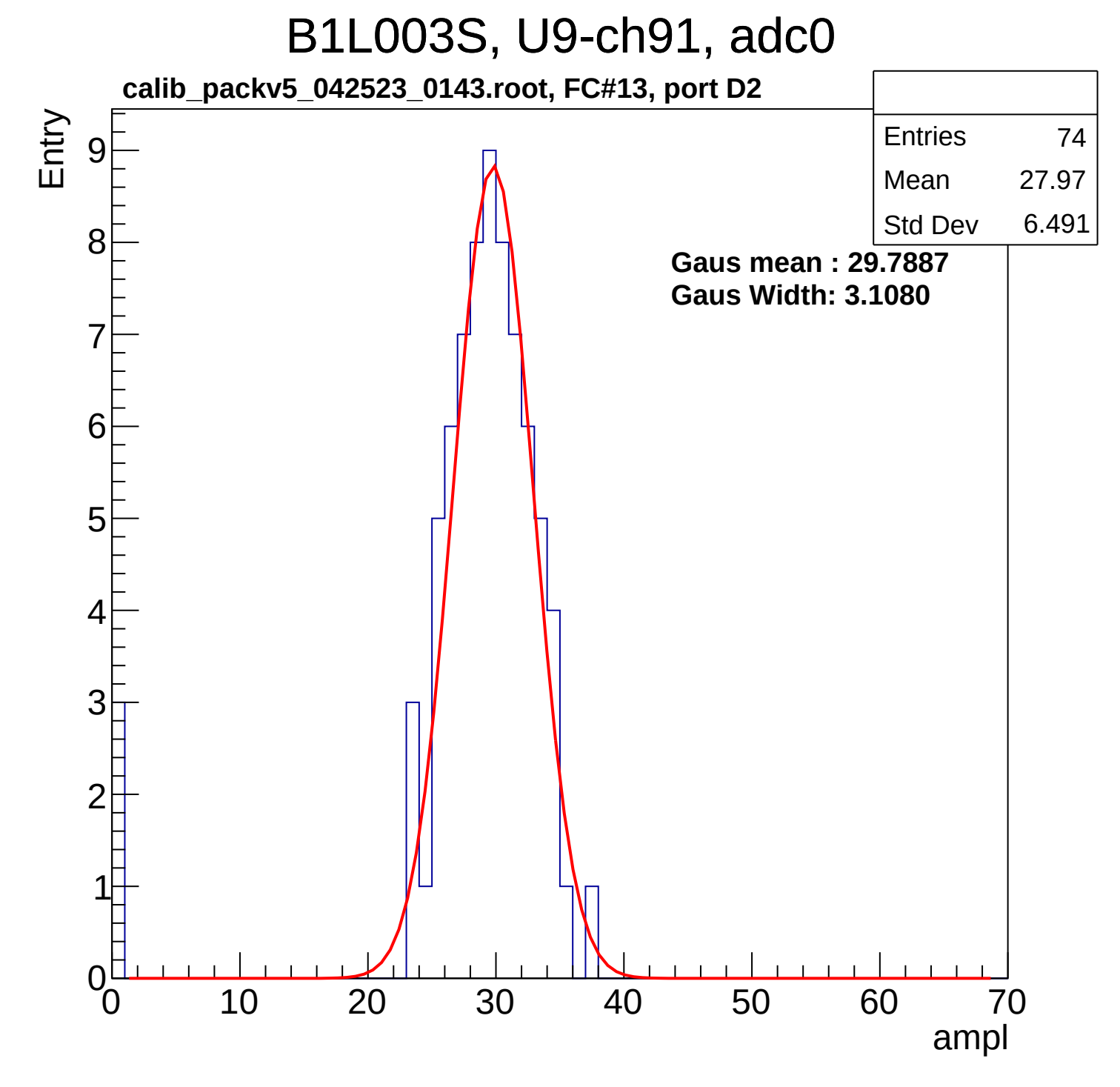
50
60
70
ampl


B1L003S, U9-ch91, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 27.97
Std Dev 6.491
Gaus mean : 29.7887
Gaus Width: 3.1080
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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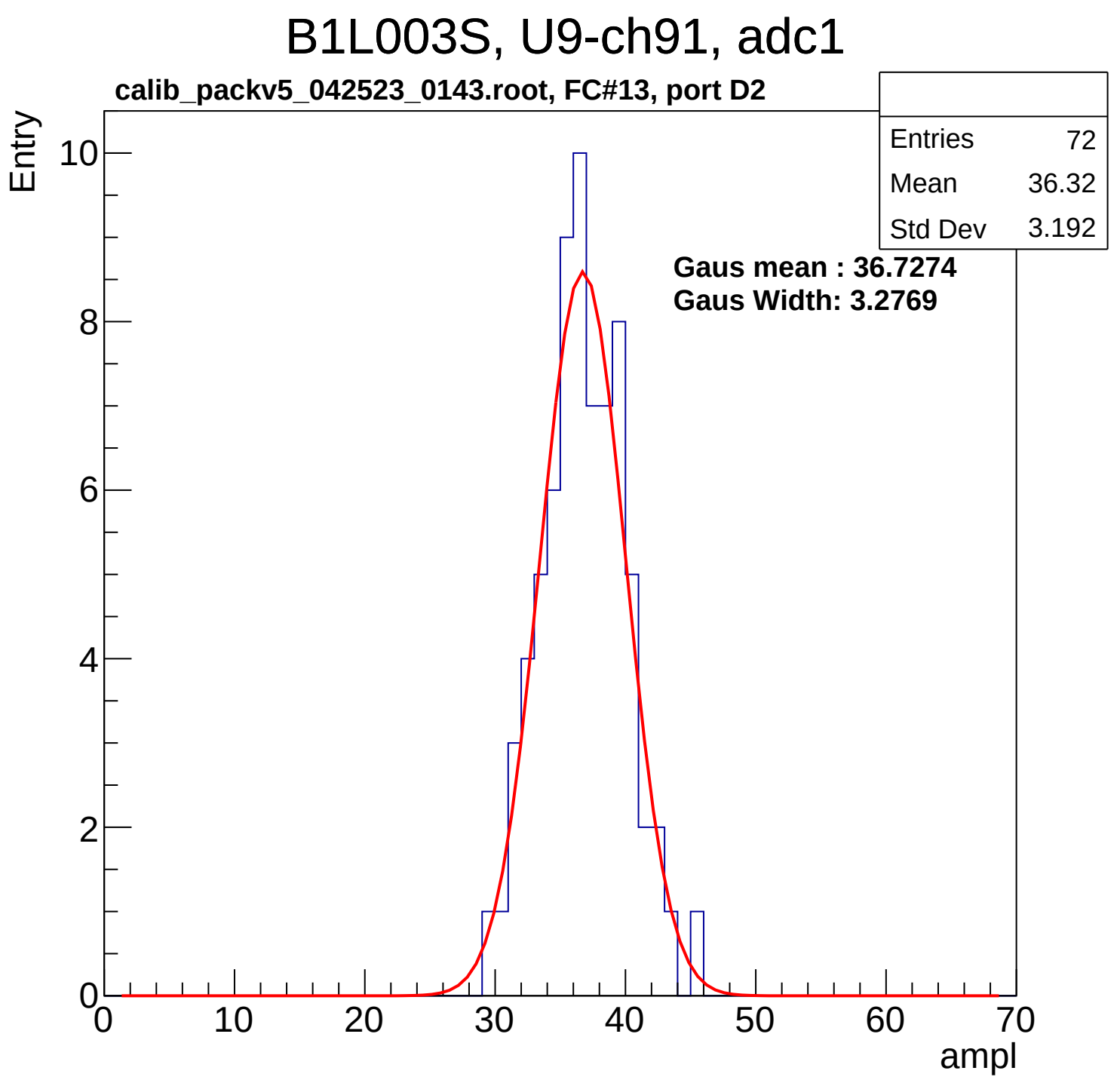
B1L003S, U9-ch91, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 36.32
Std Dev 3.192
Gaus mean : 36.7274
Gaus Width: 3.2769
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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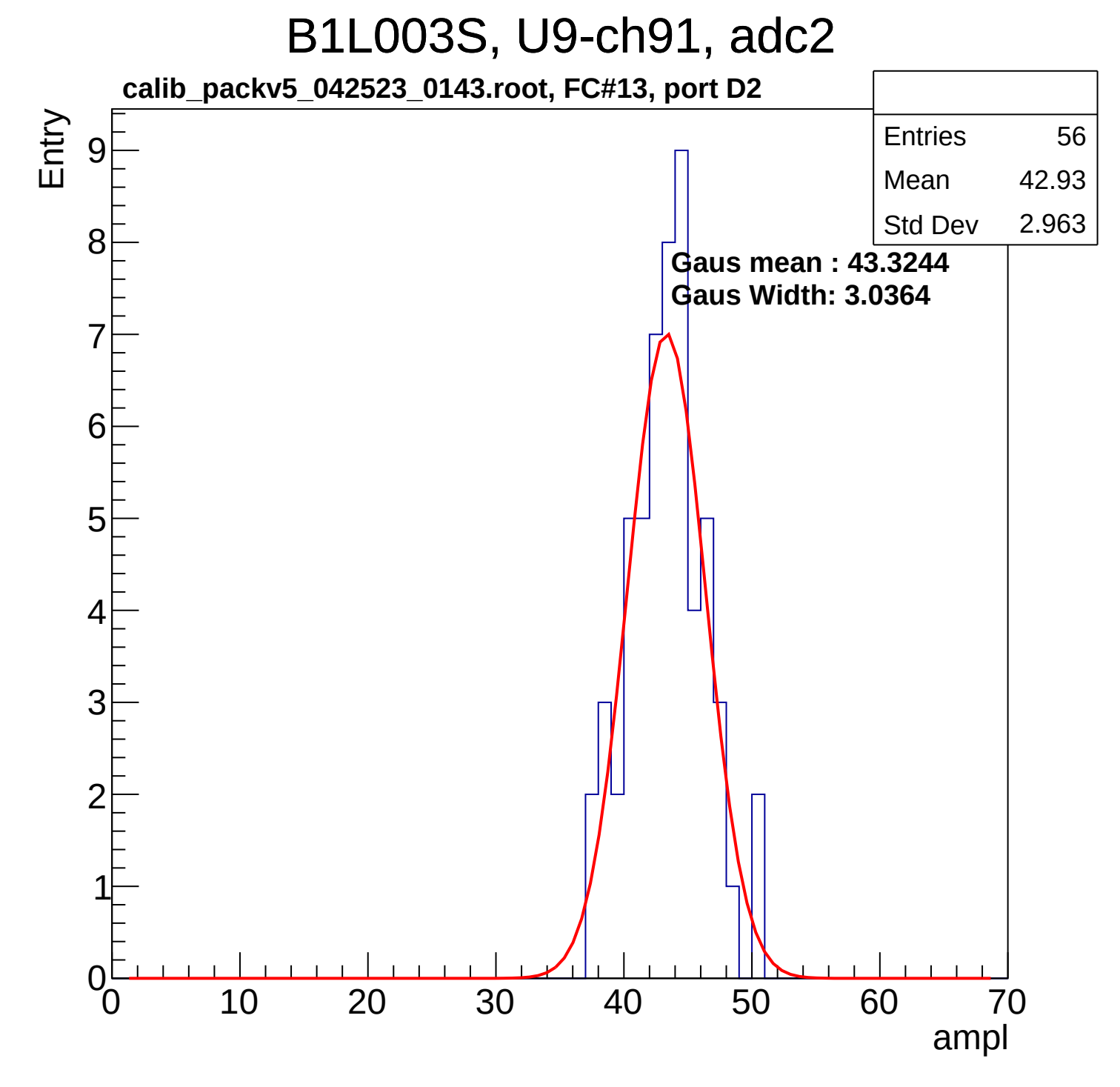
B1L003S, U9-ch91, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 42.93
Std Dev 2.963
Gaus mean : 43.3244
Gaus Width: 3.0364
Entry
ampl
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2
3
4
5
6
7
8
9
0
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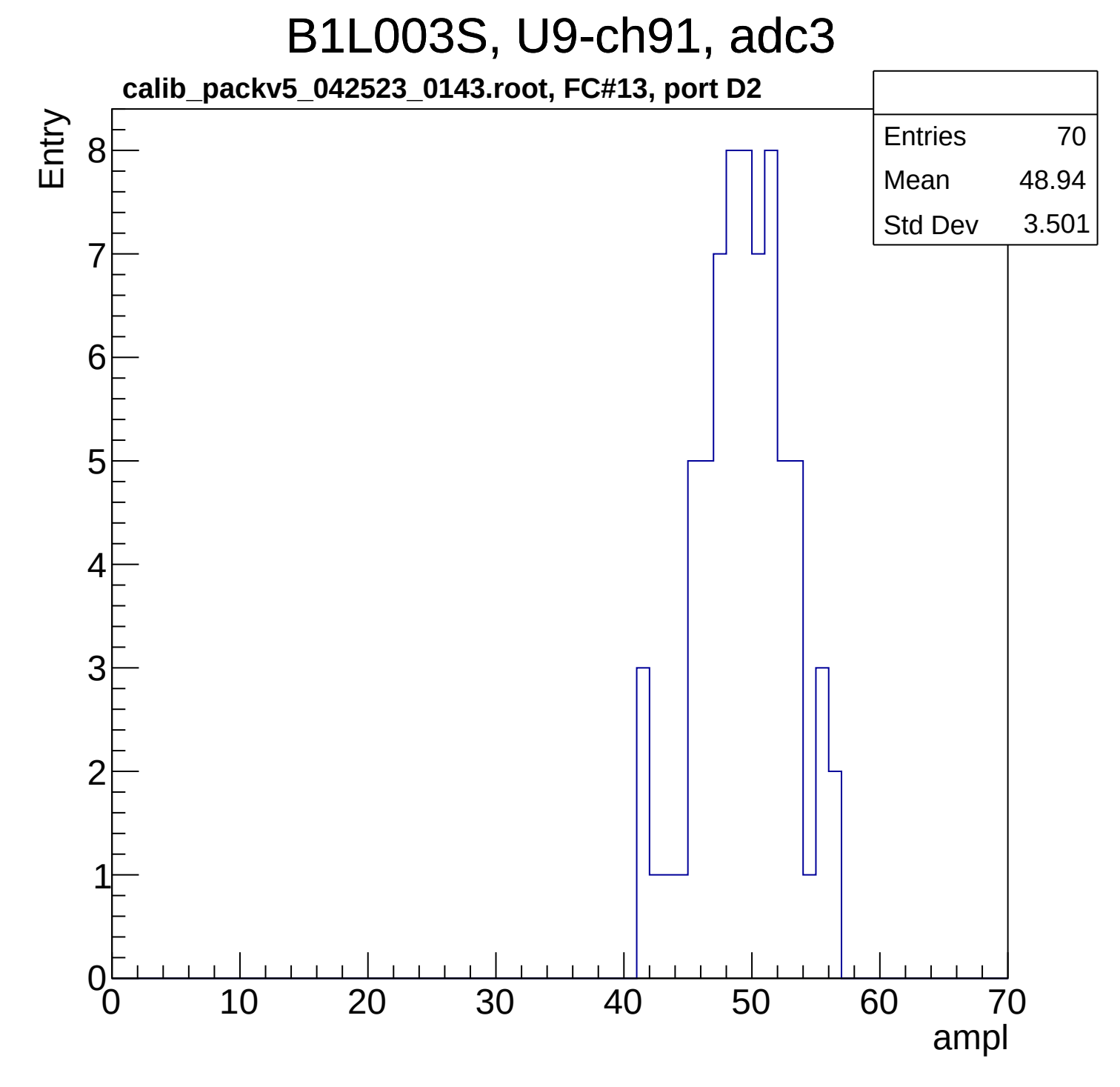
B1L003S, U9-ch91, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 48.94
Std Dev 3.501
Entry
ampl
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5
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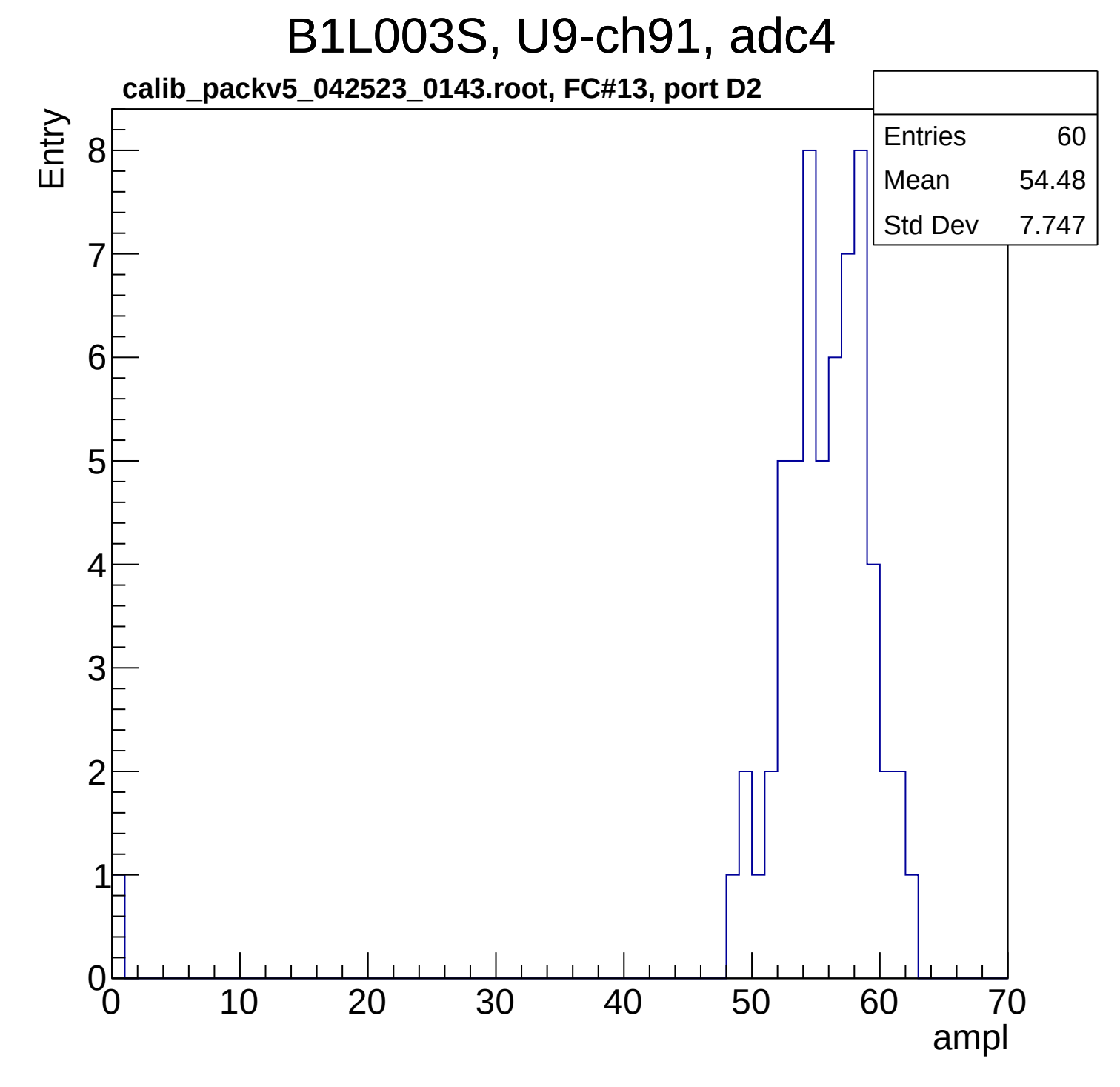
B1L003S, U9-ch91, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 54.48
Std Dev 7.747
Entry
ampl
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5
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0
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60
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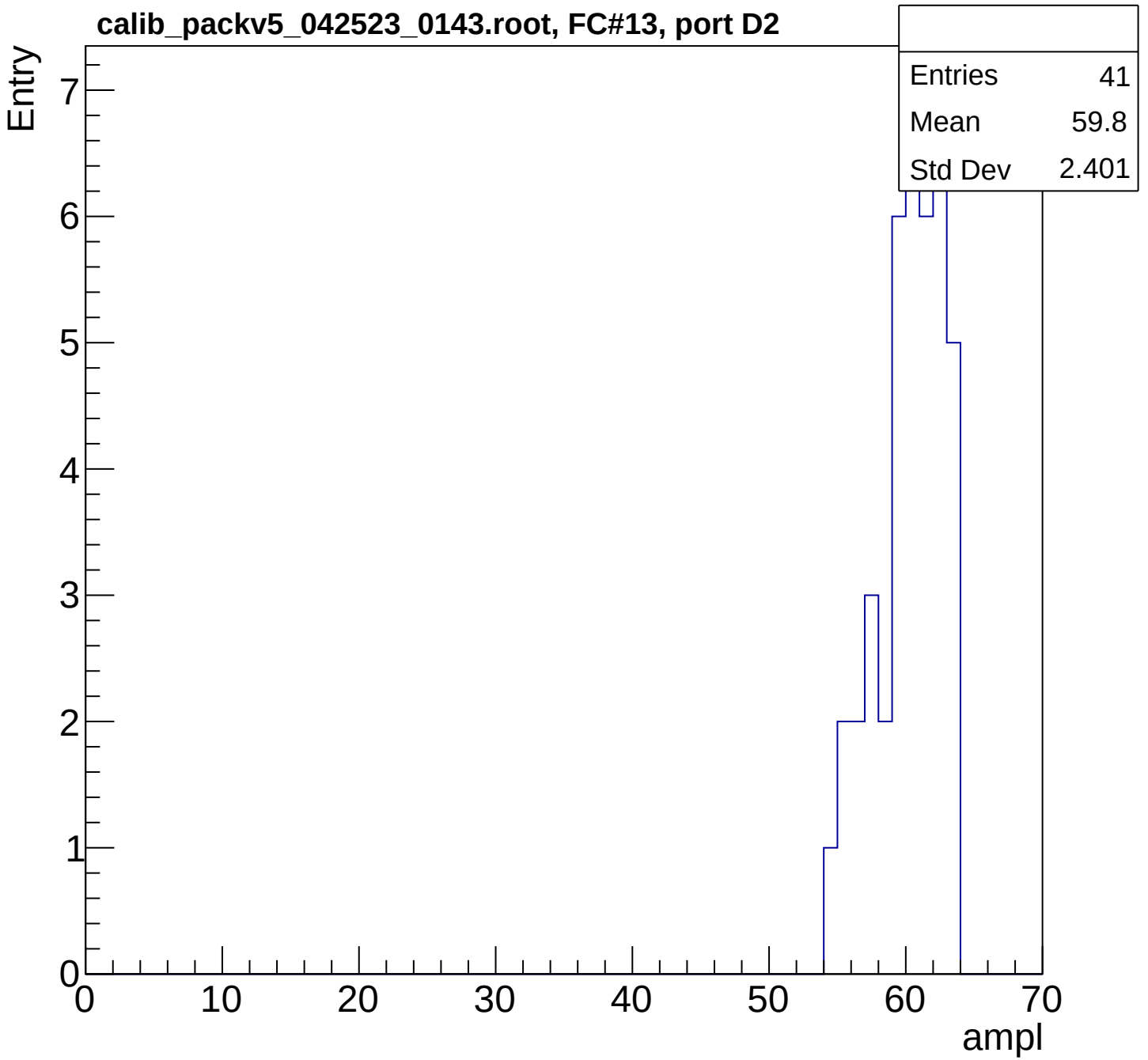
B1L003S, U9-ch91, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 59.8
Std Dev 2.401
Entry
ampl
0
1
2
3
4
5
6
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0
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40
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60
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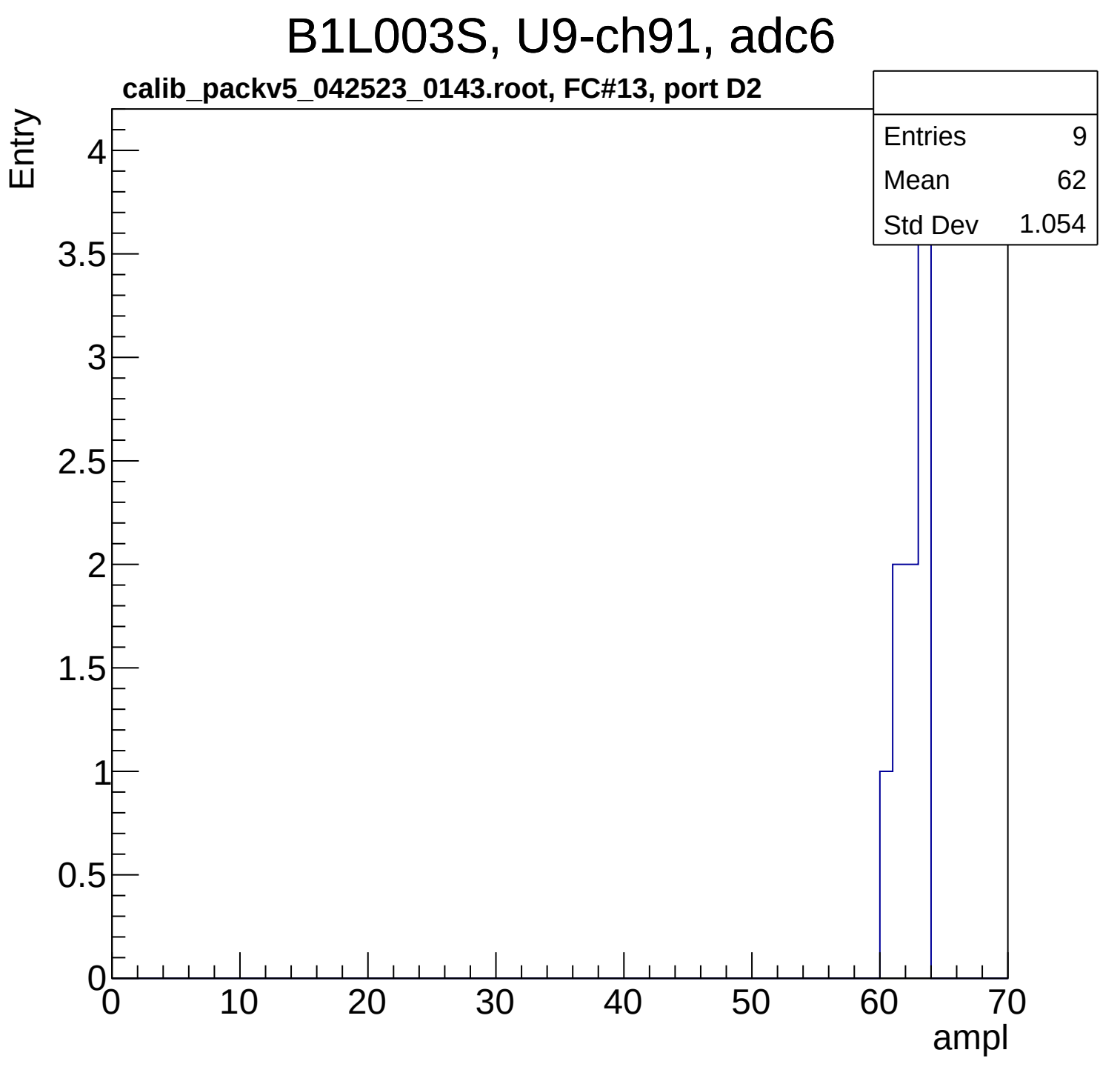
B1L003S, U9-ch91, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 62
Std Dev 1.054
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
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40
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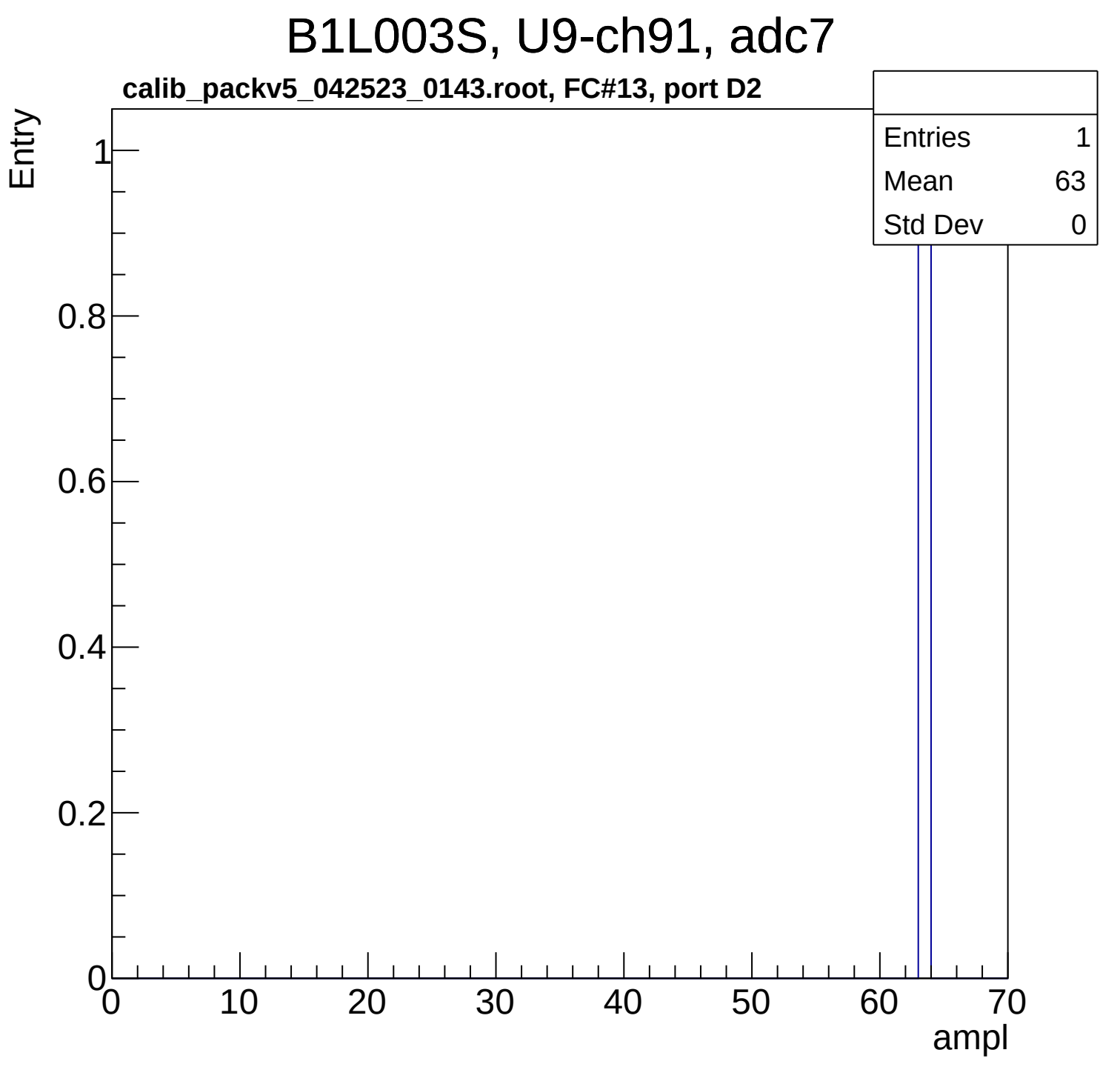
60
70


B1L003S, U9-ch91, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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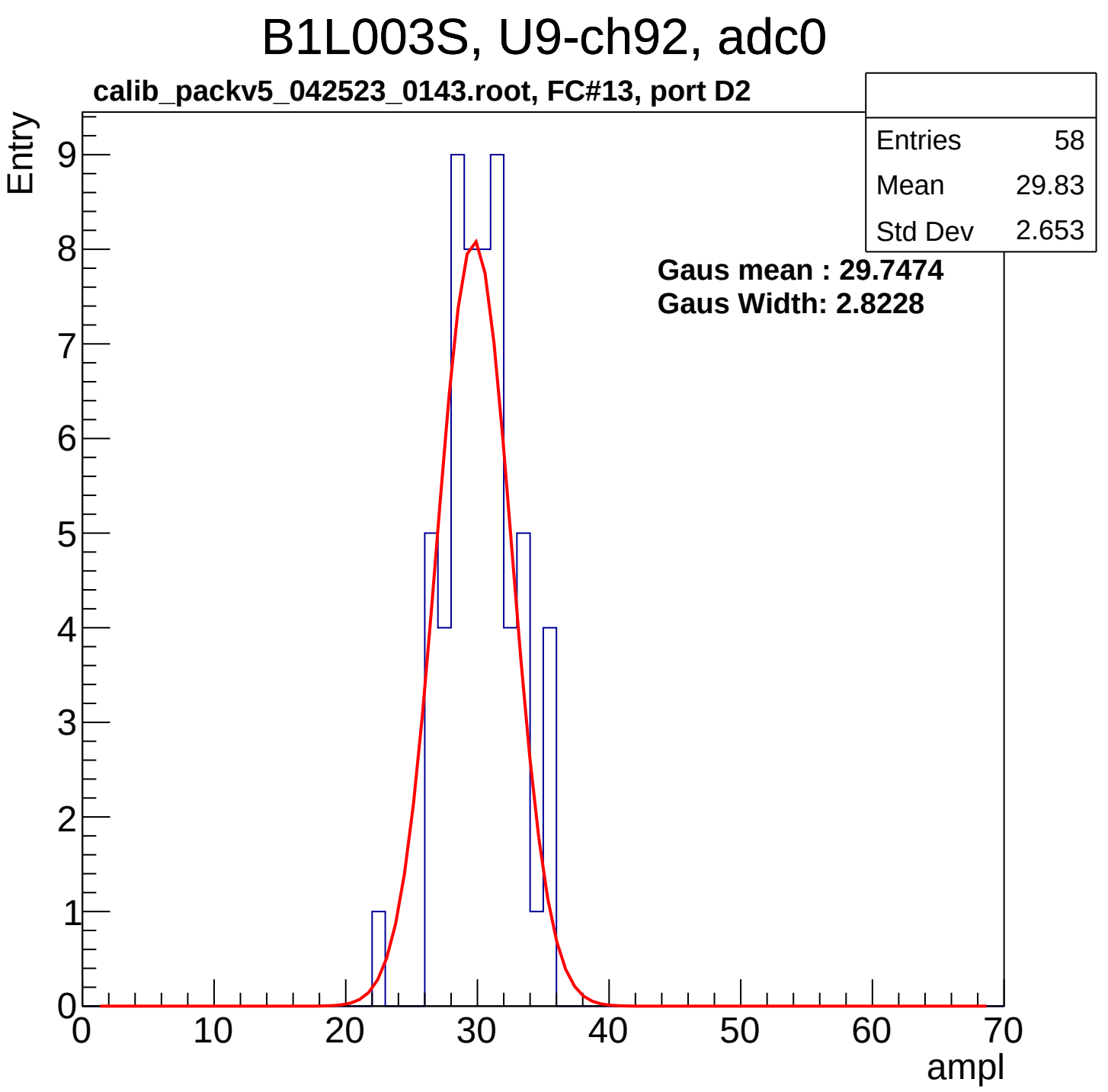
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch92, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 29.83
Std Dev 2.653
Gaus mean : 29.7474
Gaus Width: 2.8228
Entry
ampl
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30
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50
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1
2
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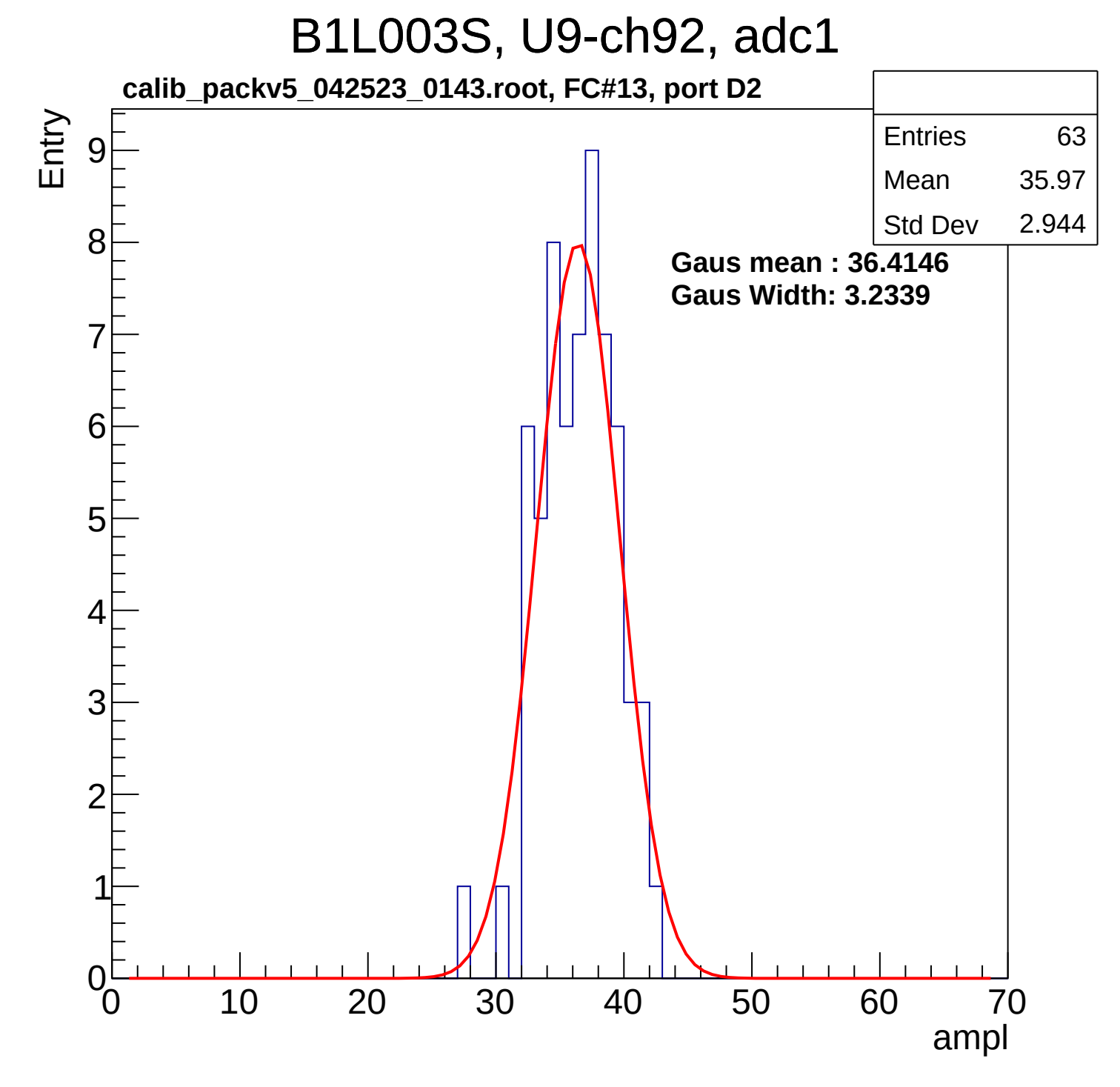
6
7
8
9


B1L003S, U9-ch92, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 35.97
Std Dev 2.944
Gaus mean : 36.4146
Gaus Width: 3.2339
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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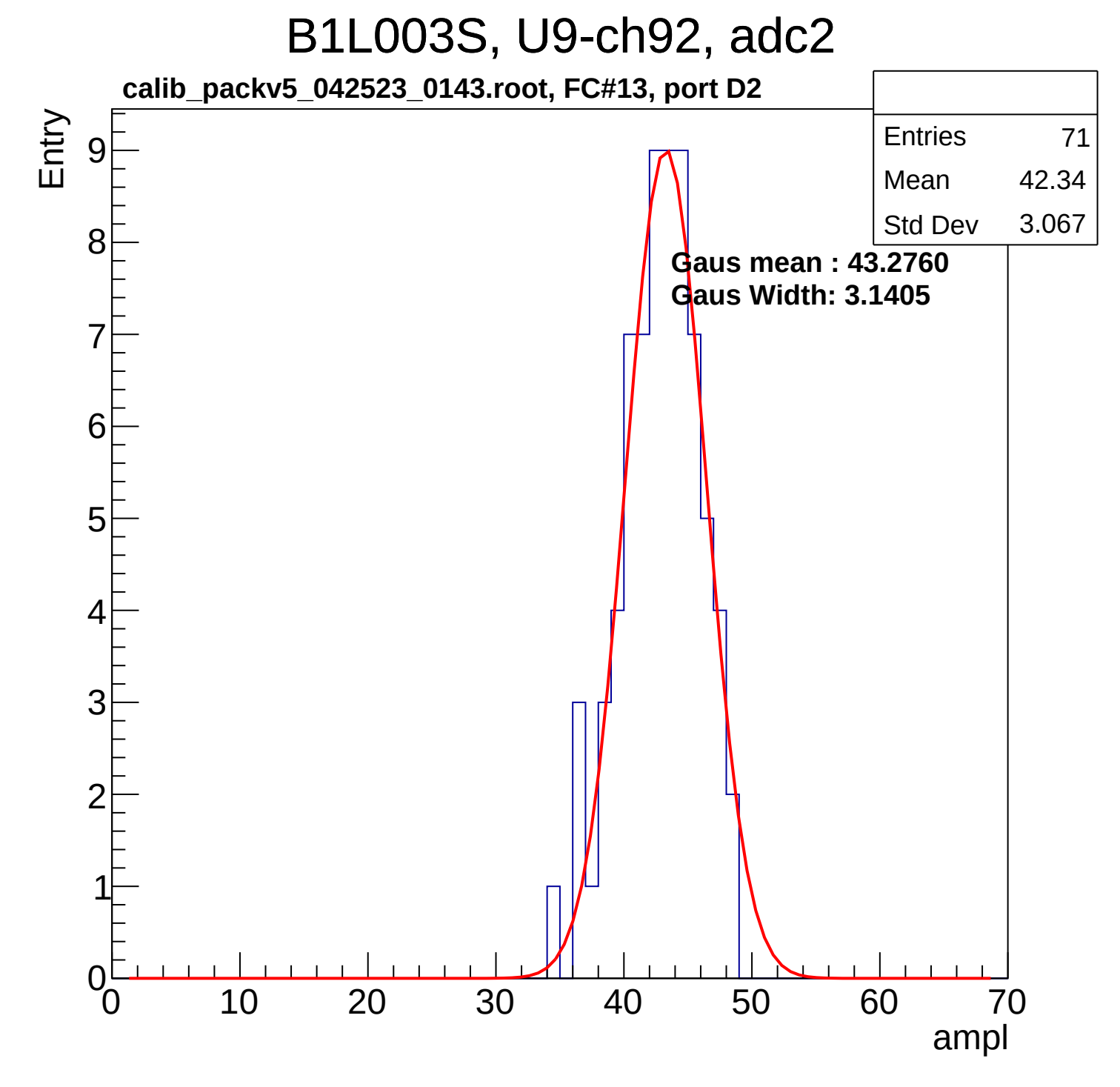
B1L003S, U9-ch92, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 42.34
Std Dev 3.067
Gaus mean : 43.2760
Gaus Width: 3.1405
Entry
ampl
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3
4
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6
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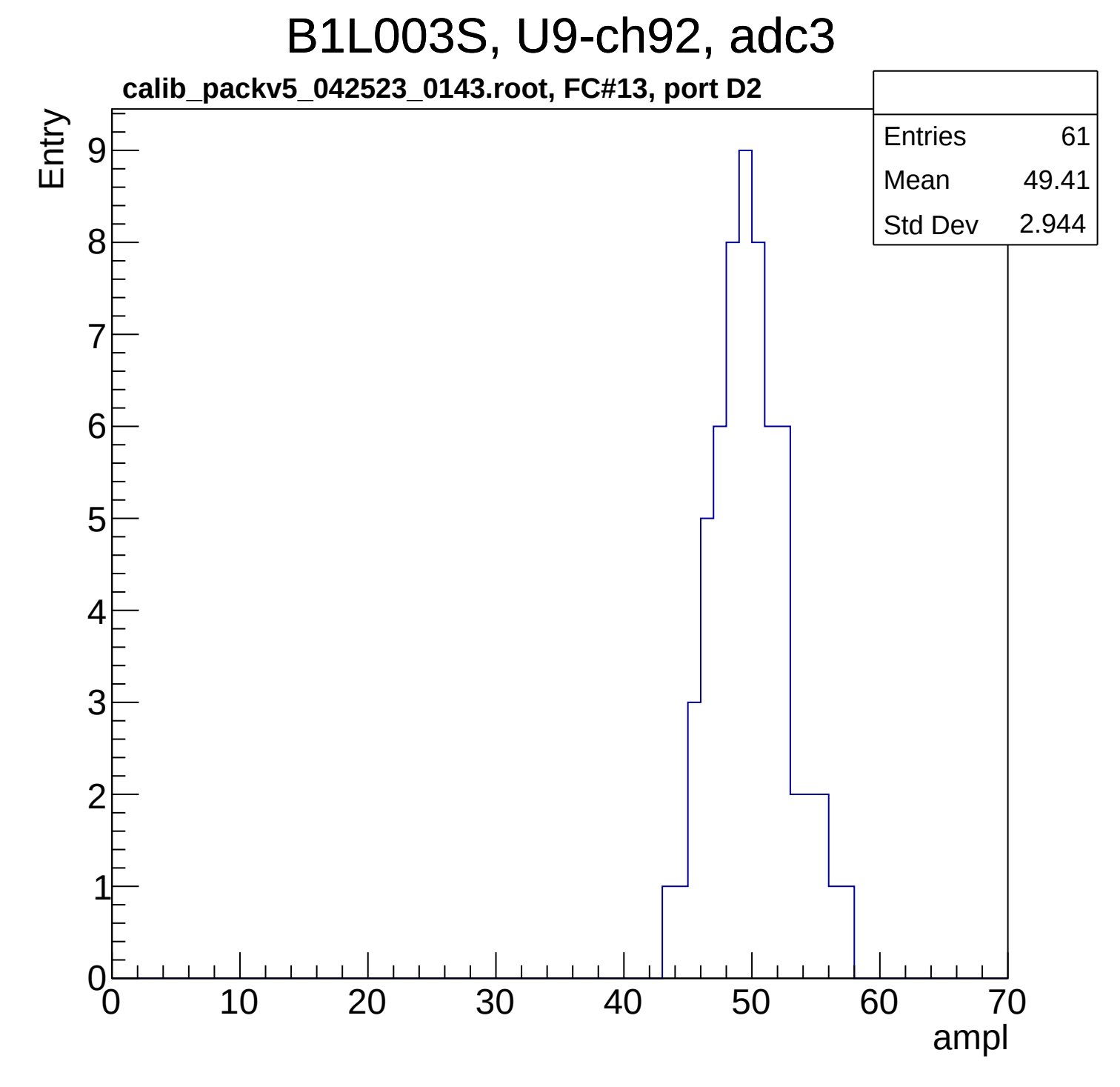
B1L003S, U9-ch92, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 49.41
Std Dev 2.944
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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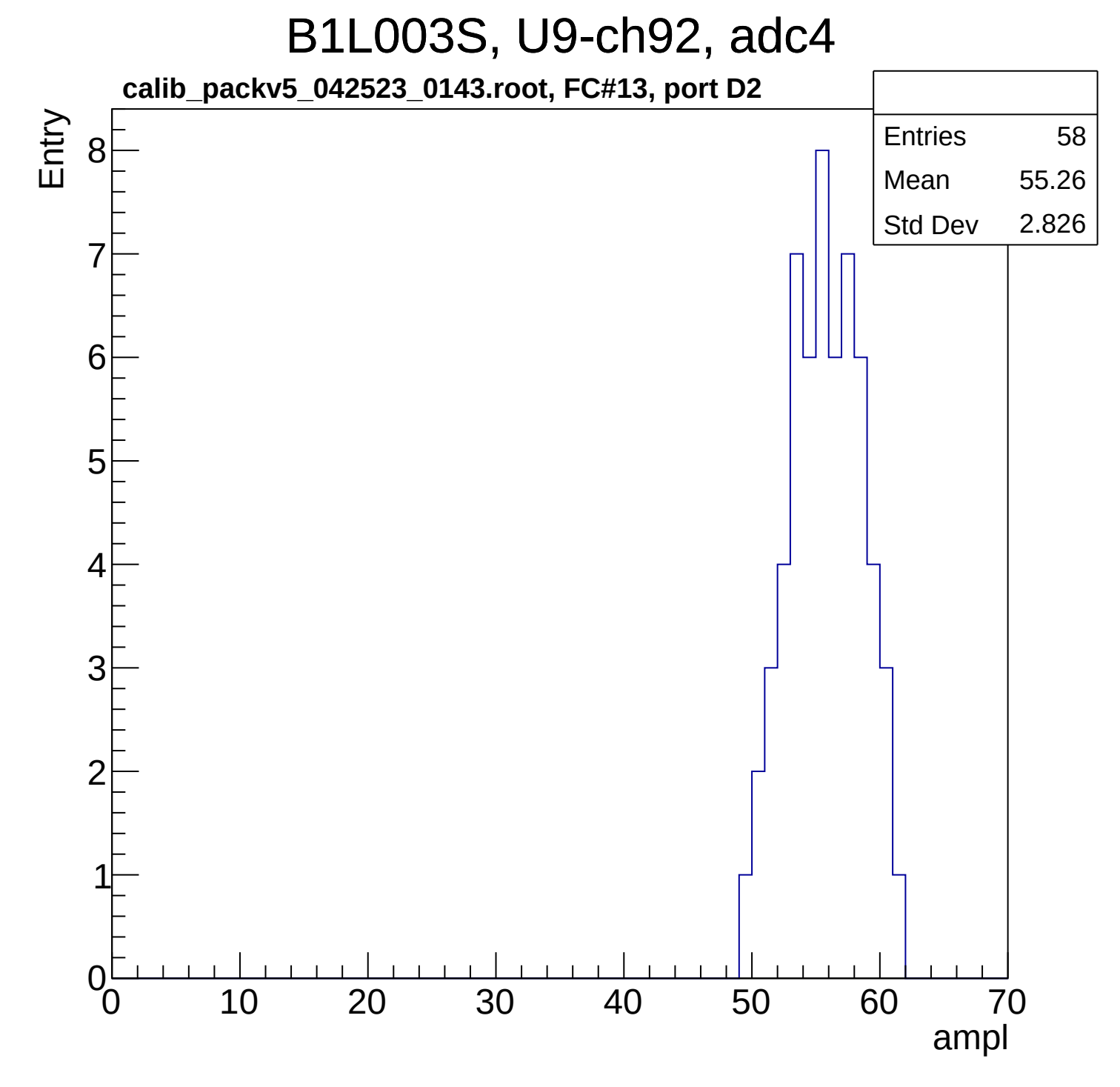
B1L003S, U9-ch92, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 55.26
Std Dev 2.826
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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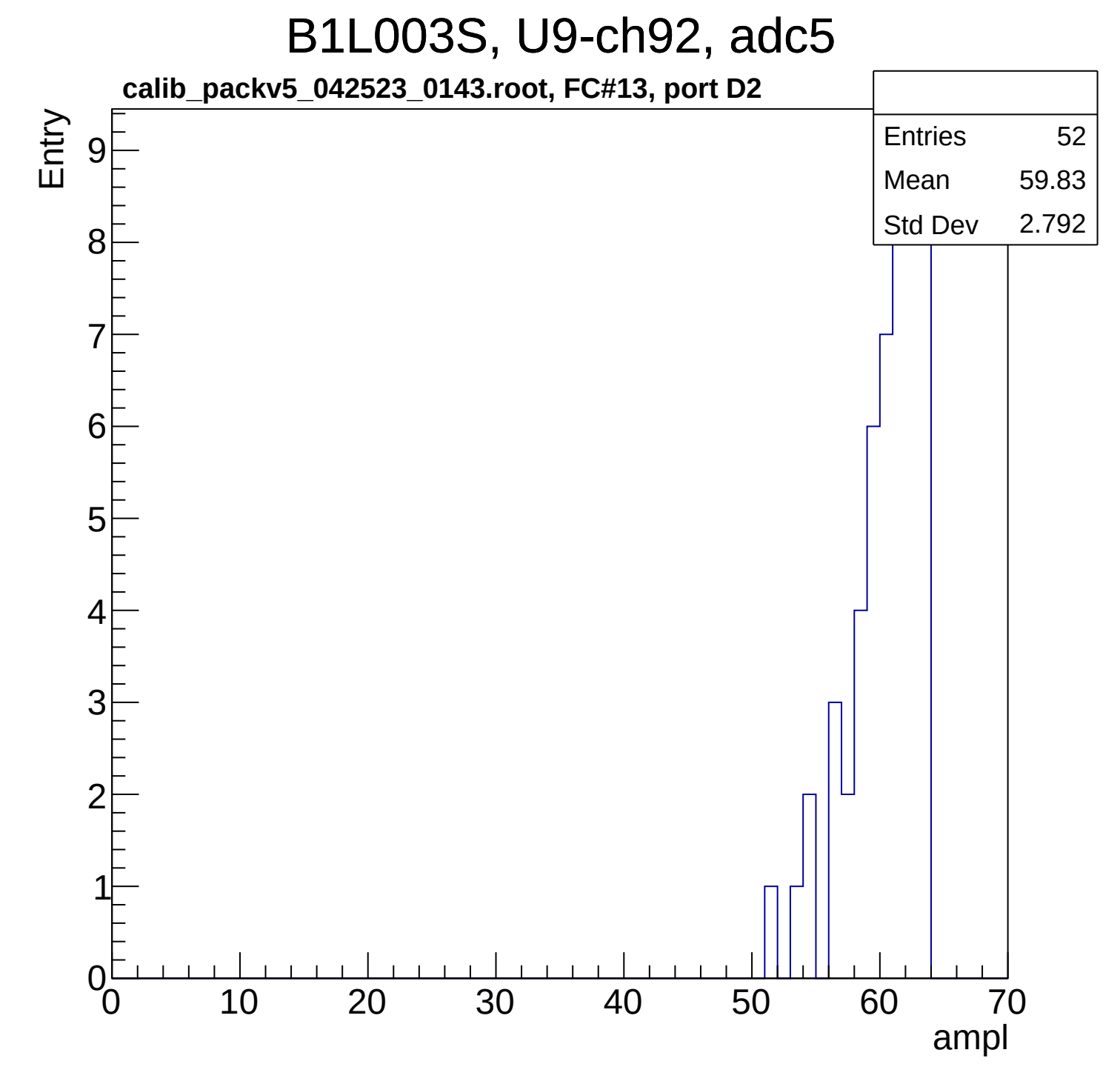
B1L003S, U9-ch92, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 59.83
Std Dev 2.792
Entry
ampl
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3
4
5
6
7
8
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0
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20
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60
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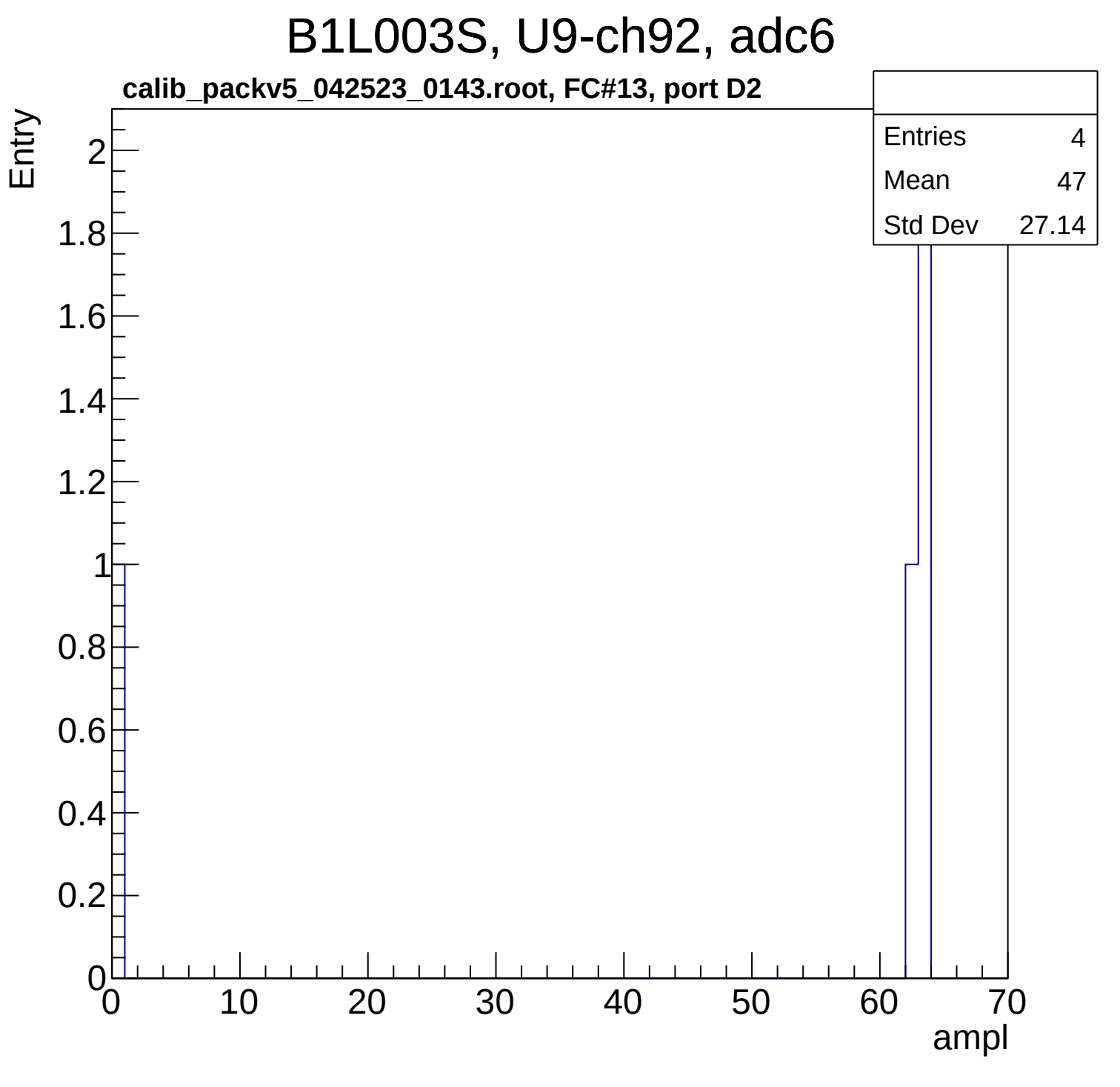
B1L003S, U9-ch92, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 47
Std Dev 27.14
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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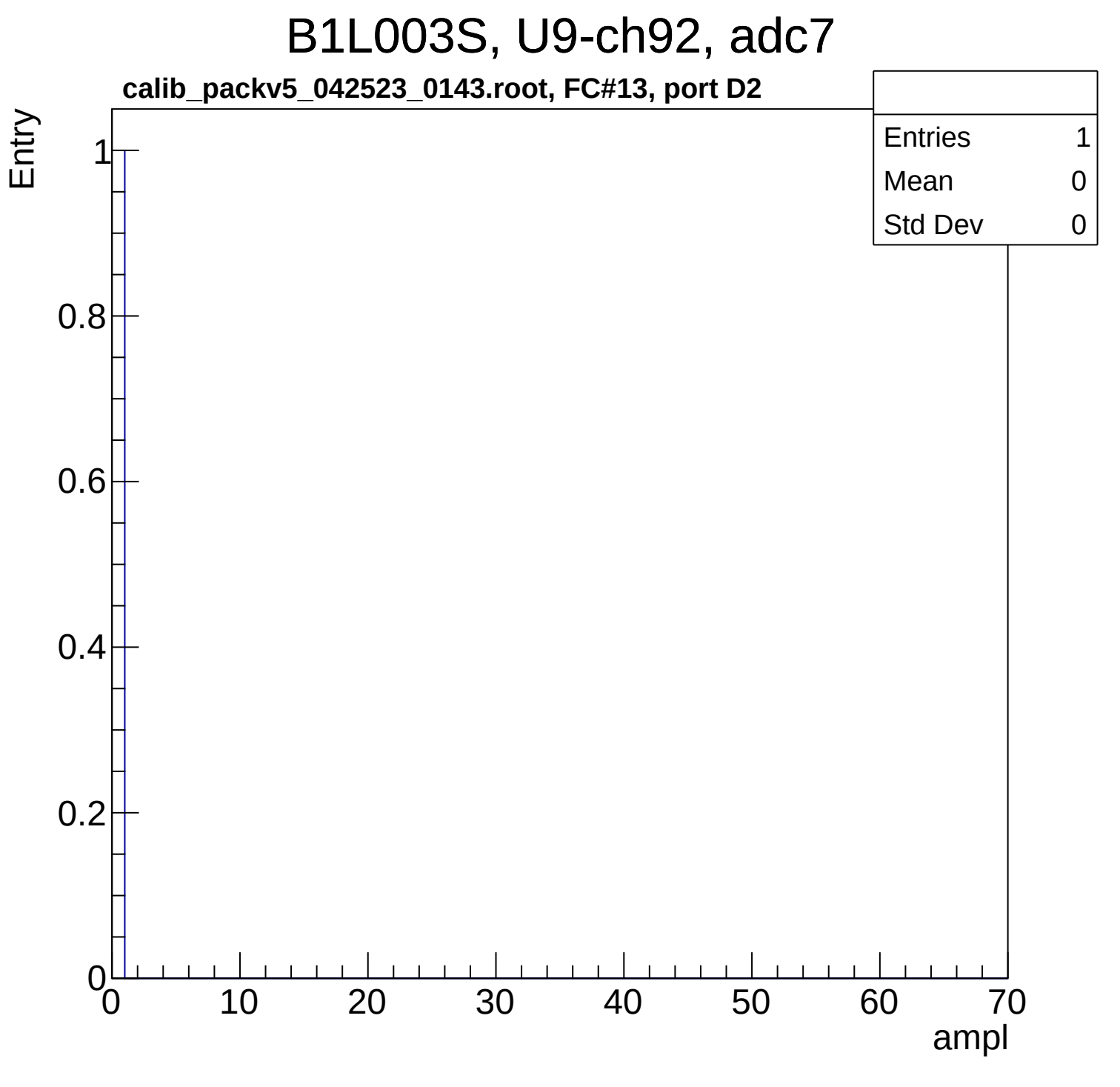
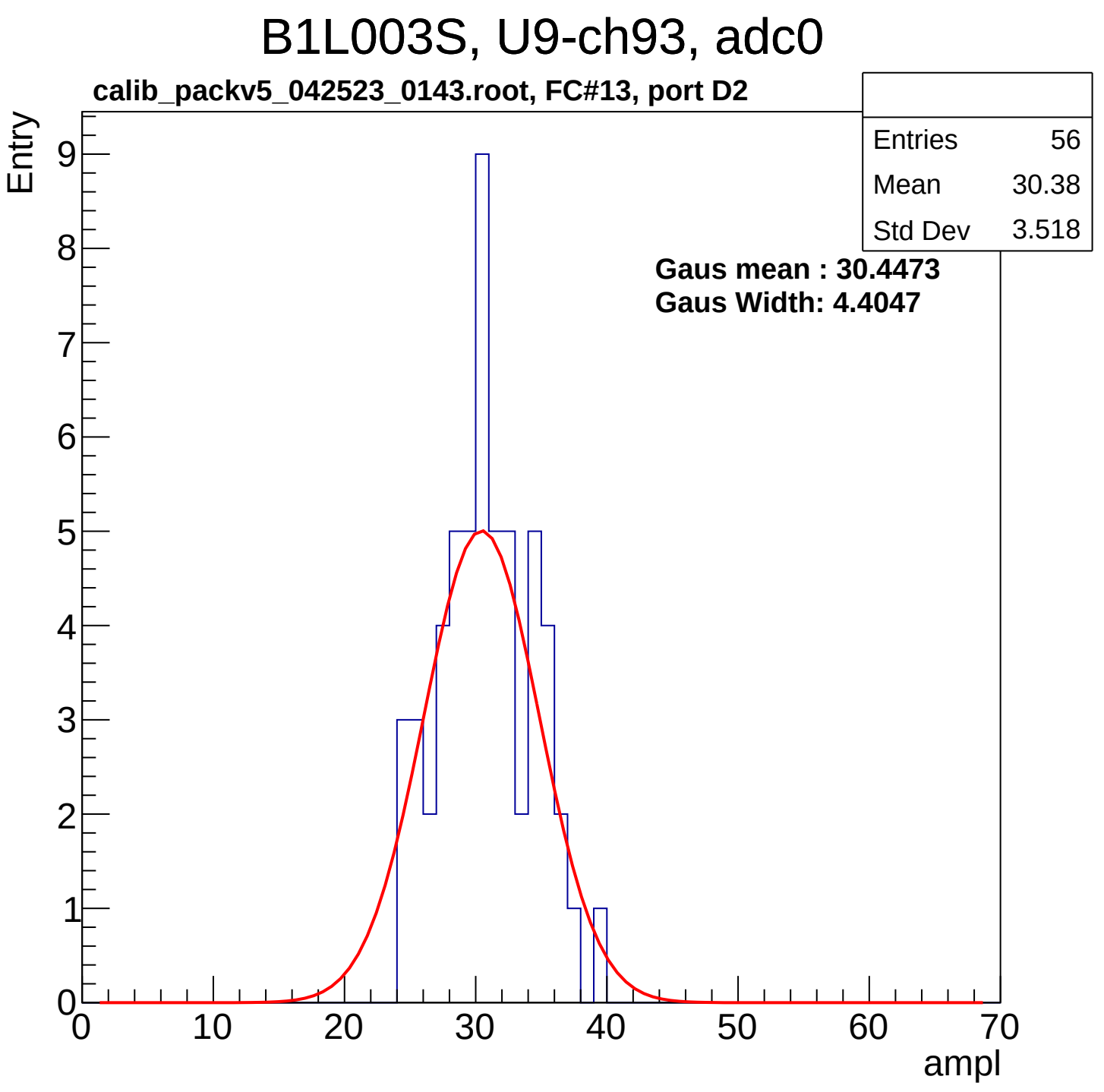

B1L003S, U9-ch92, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch93, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 30.38
Std Dev 3.518
Gaus mean : 30.4473
Gaus Width: 4.4047
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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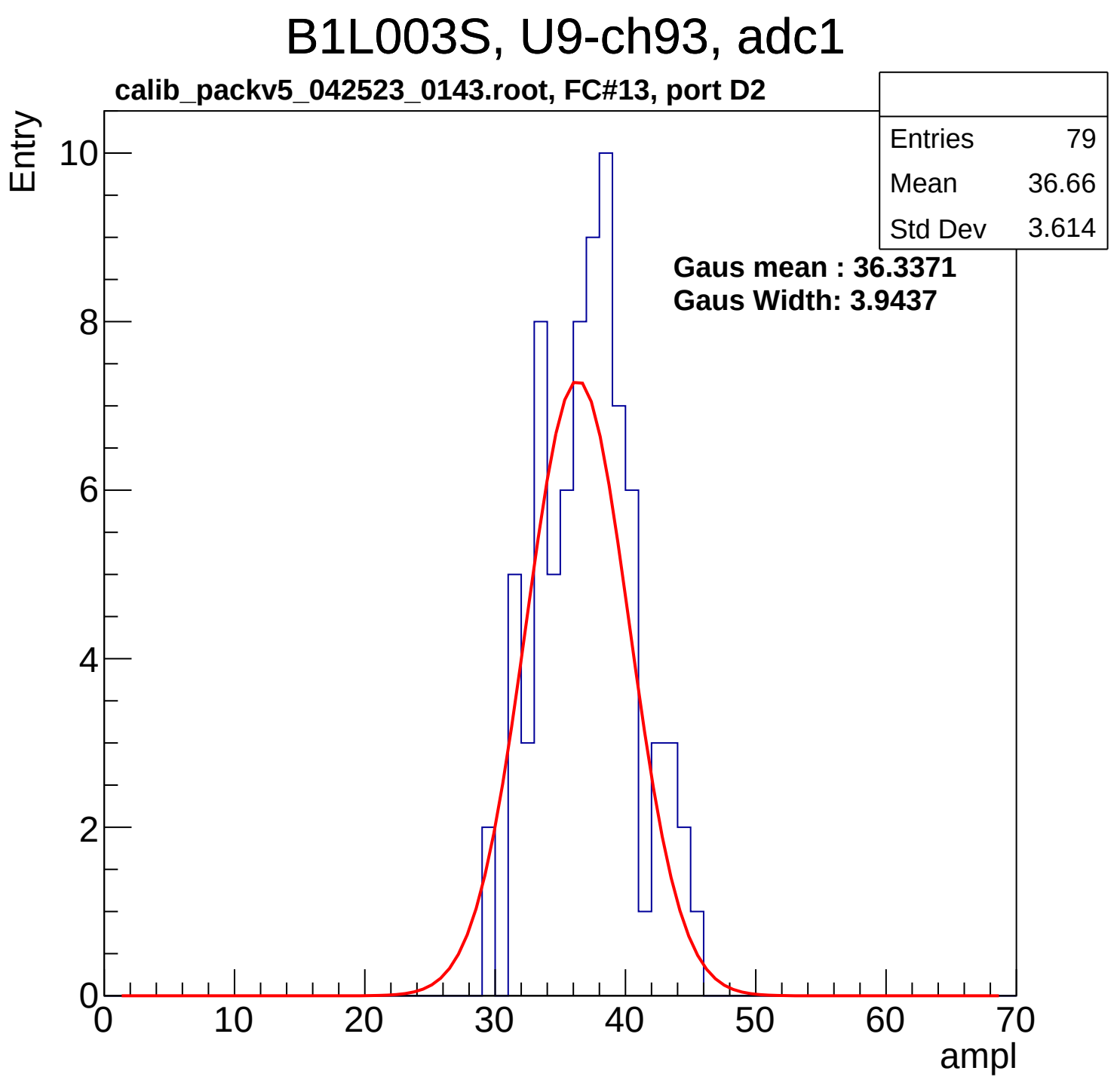
B1L003S, U9-ch93, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 36.66
Std Dev 3.614
Gaus mean : 36.3371
Gaus Width: 3.9437
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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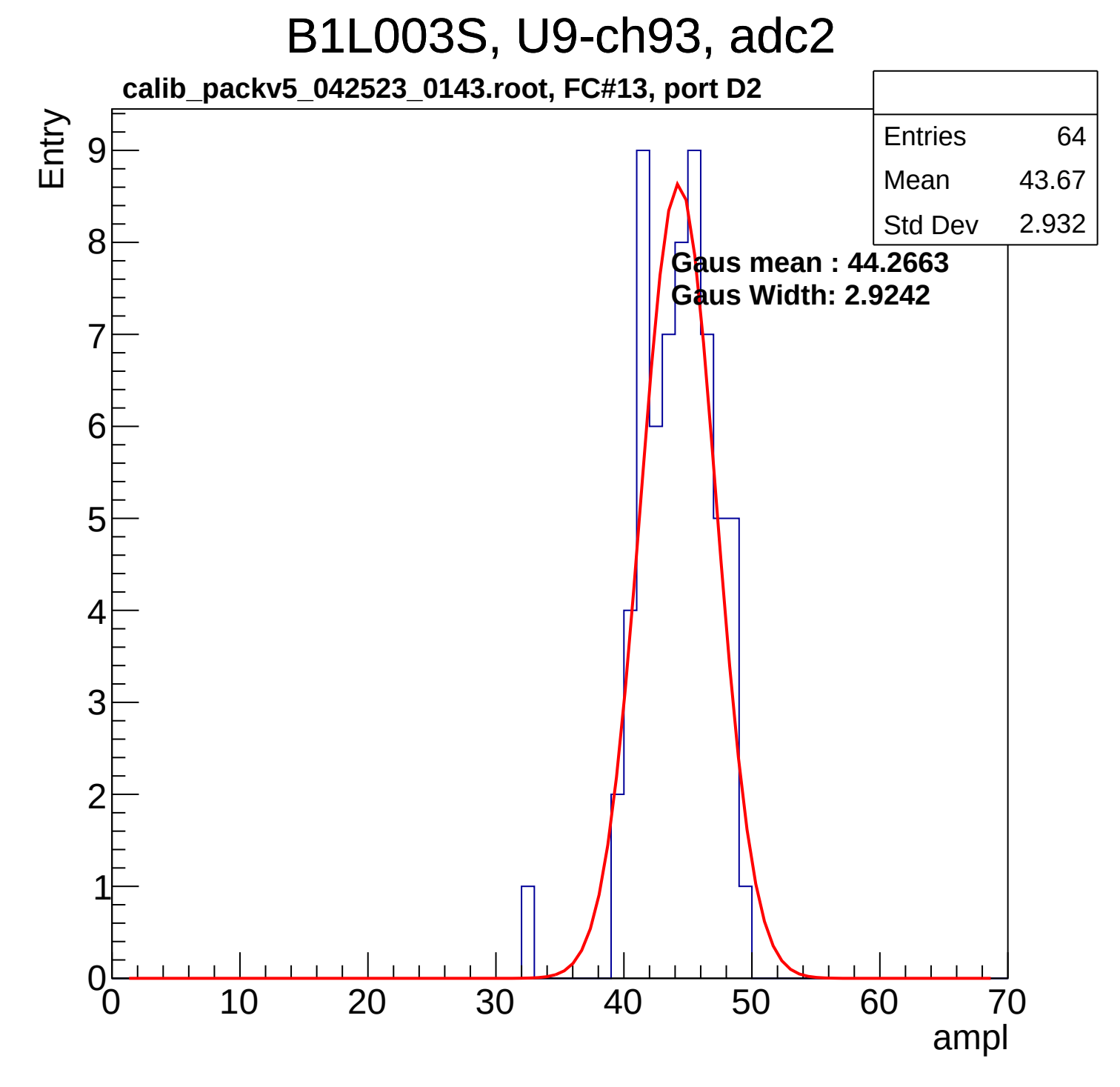
B1L003S, U9-ch93, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 43.67
Std Dev 2.932
Gaus mean : 44.2663
Gaus Width: 2.9242
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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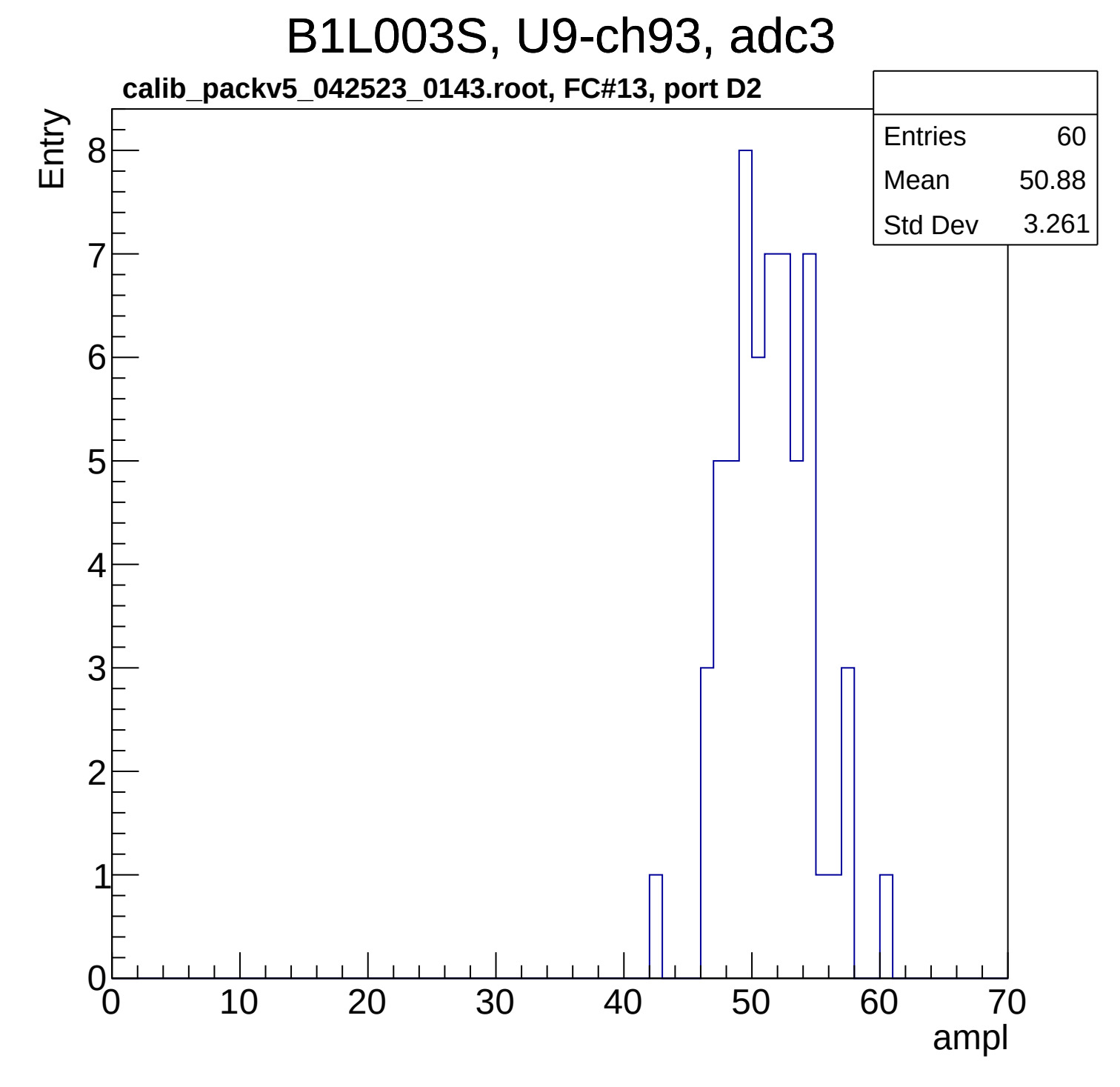
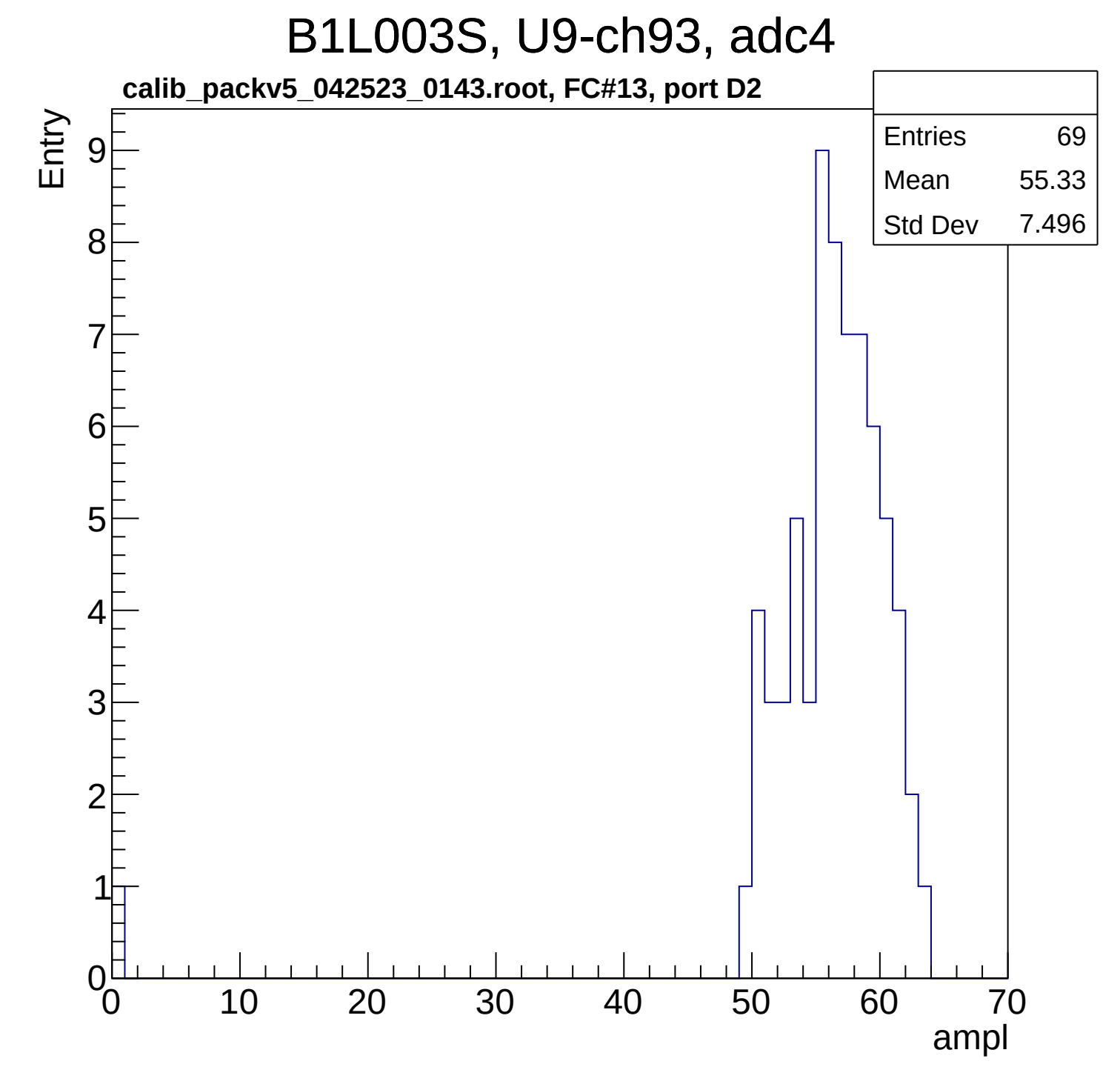

B1L003S, U9-ch93, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 50.88
Std Dev 3.261
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch93, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 55.33
Std Dev 7.496
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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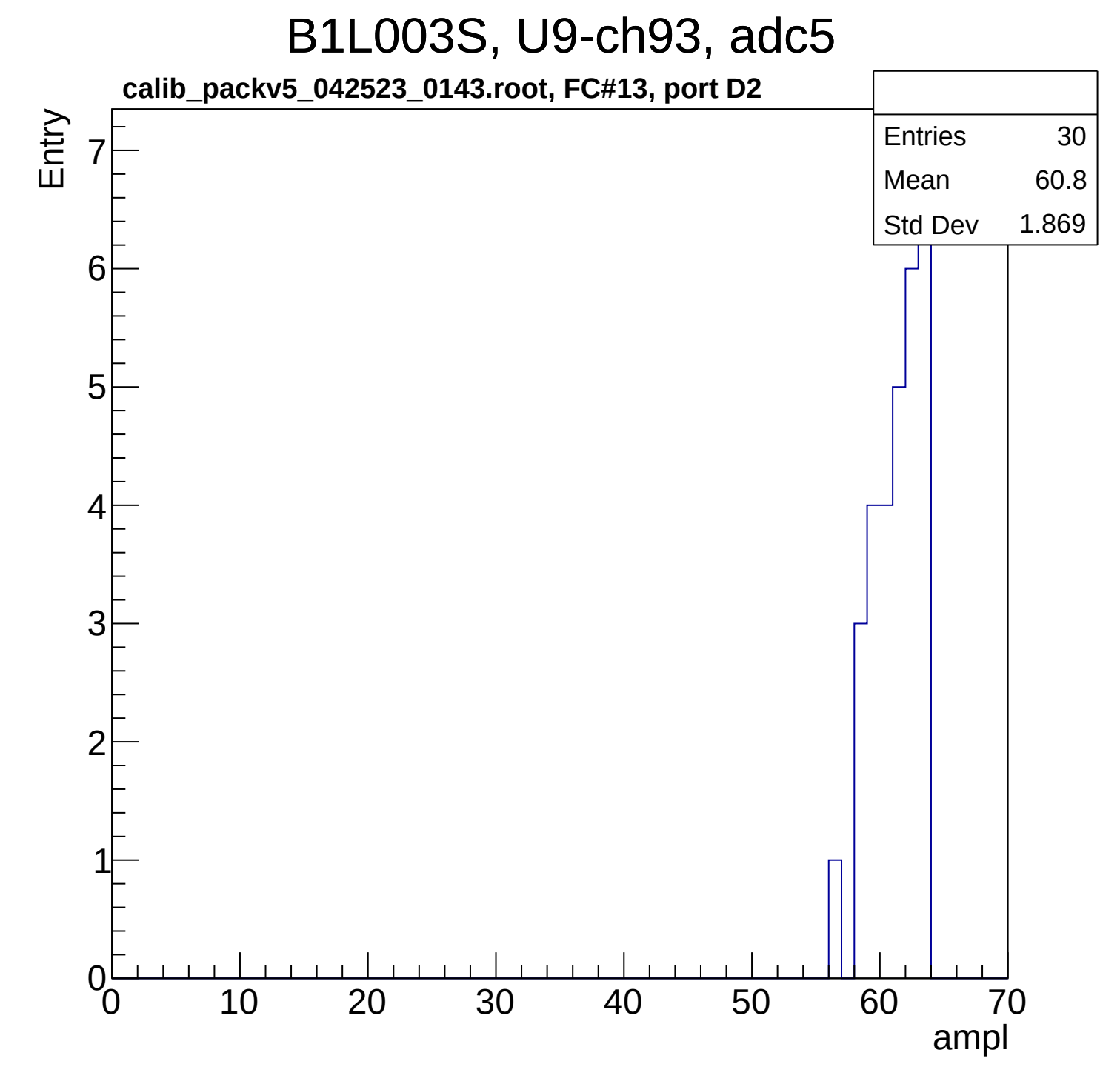
B1L003S, U9-ch93, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 30
Mean 60.8
Std Dev 1.869
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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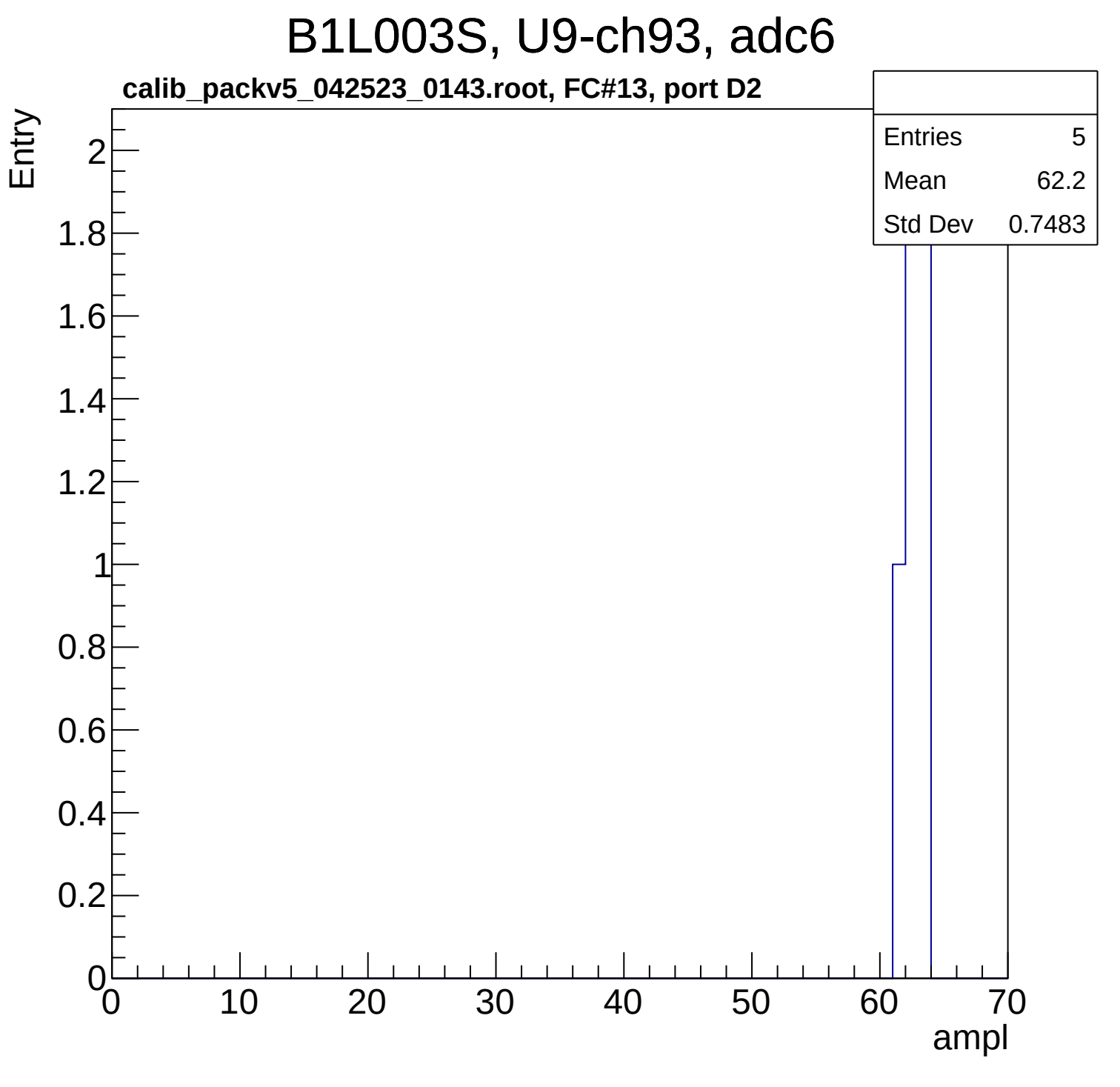
B1L003S, U9-ch93, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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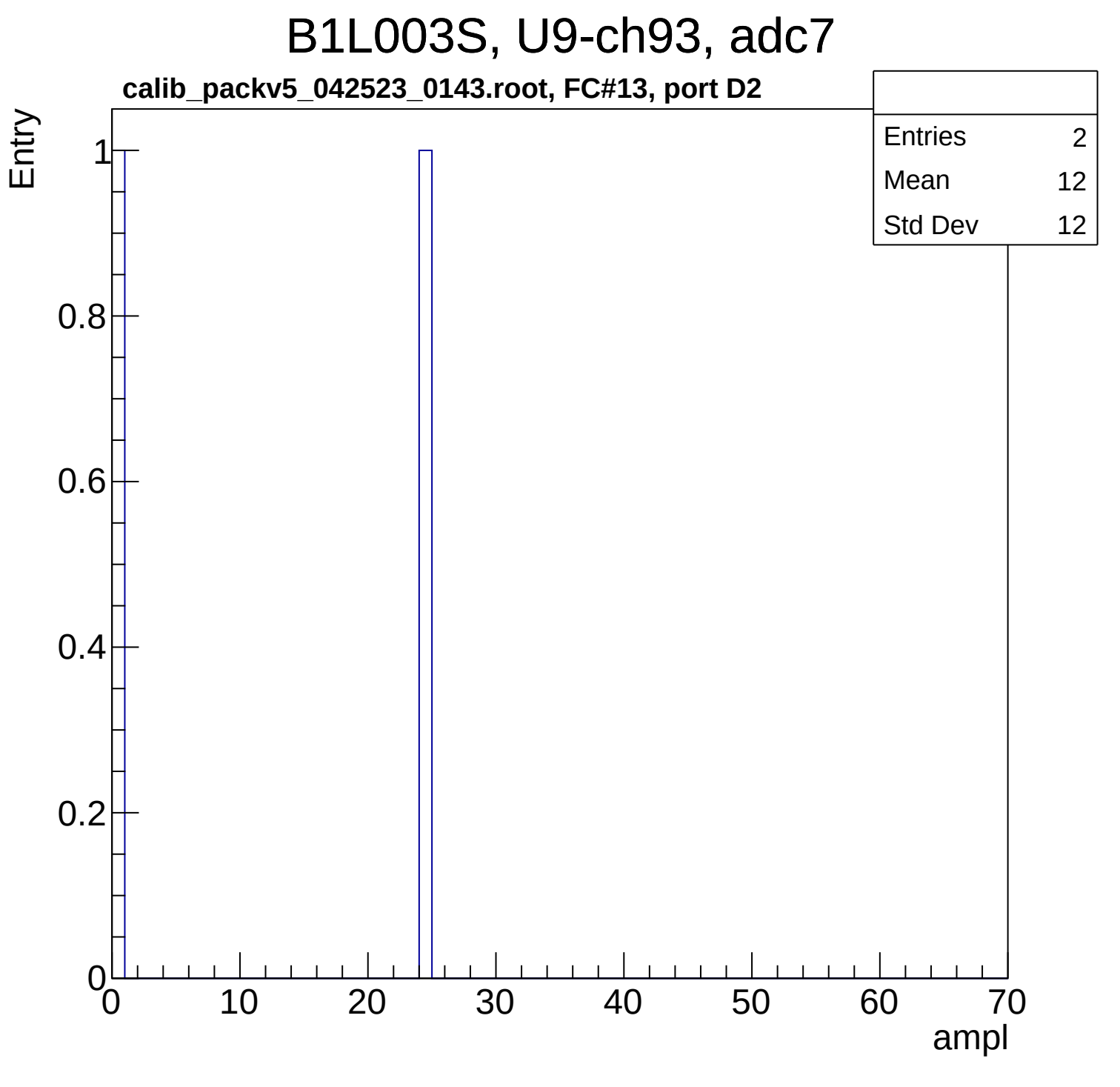
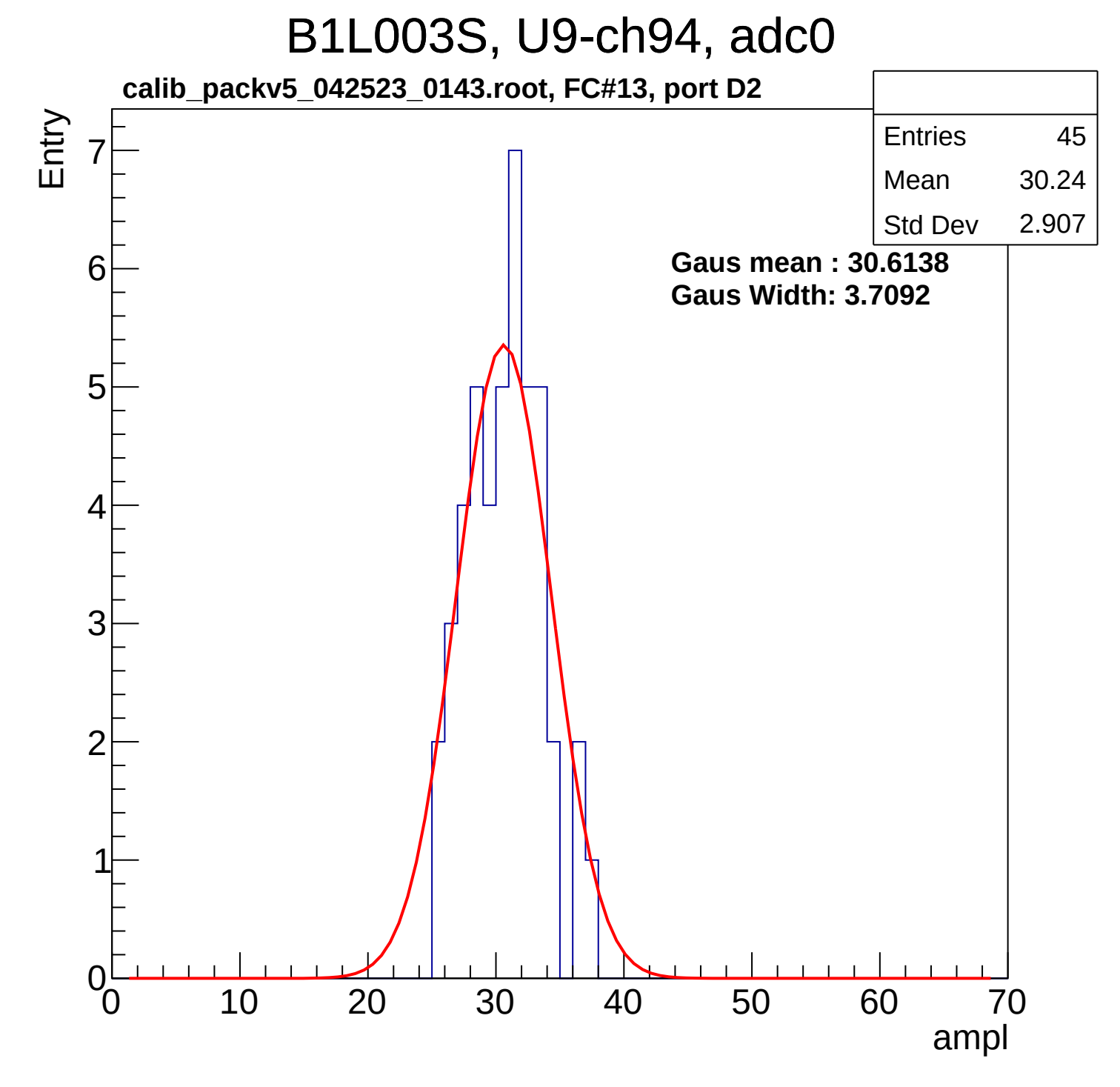
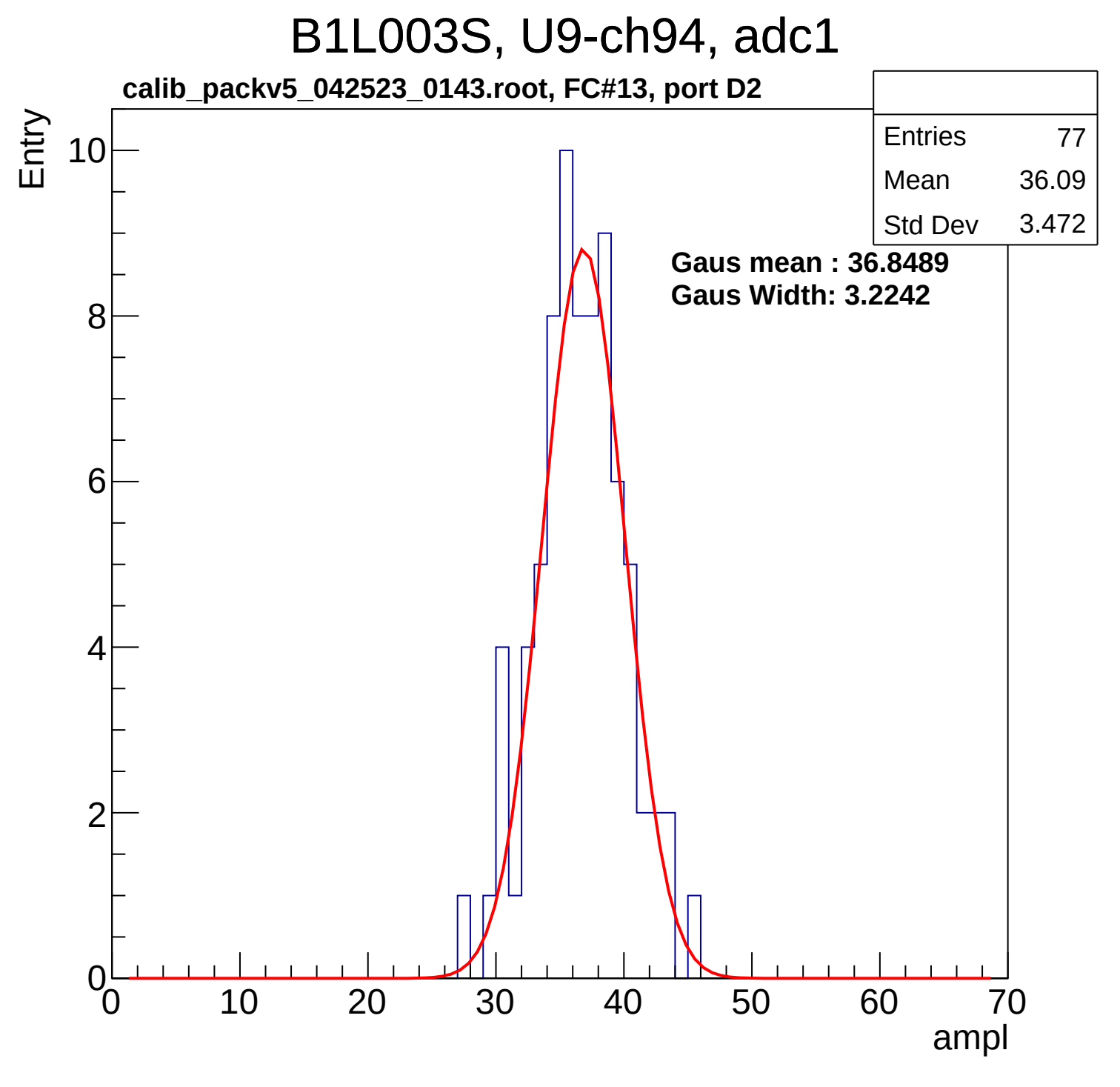
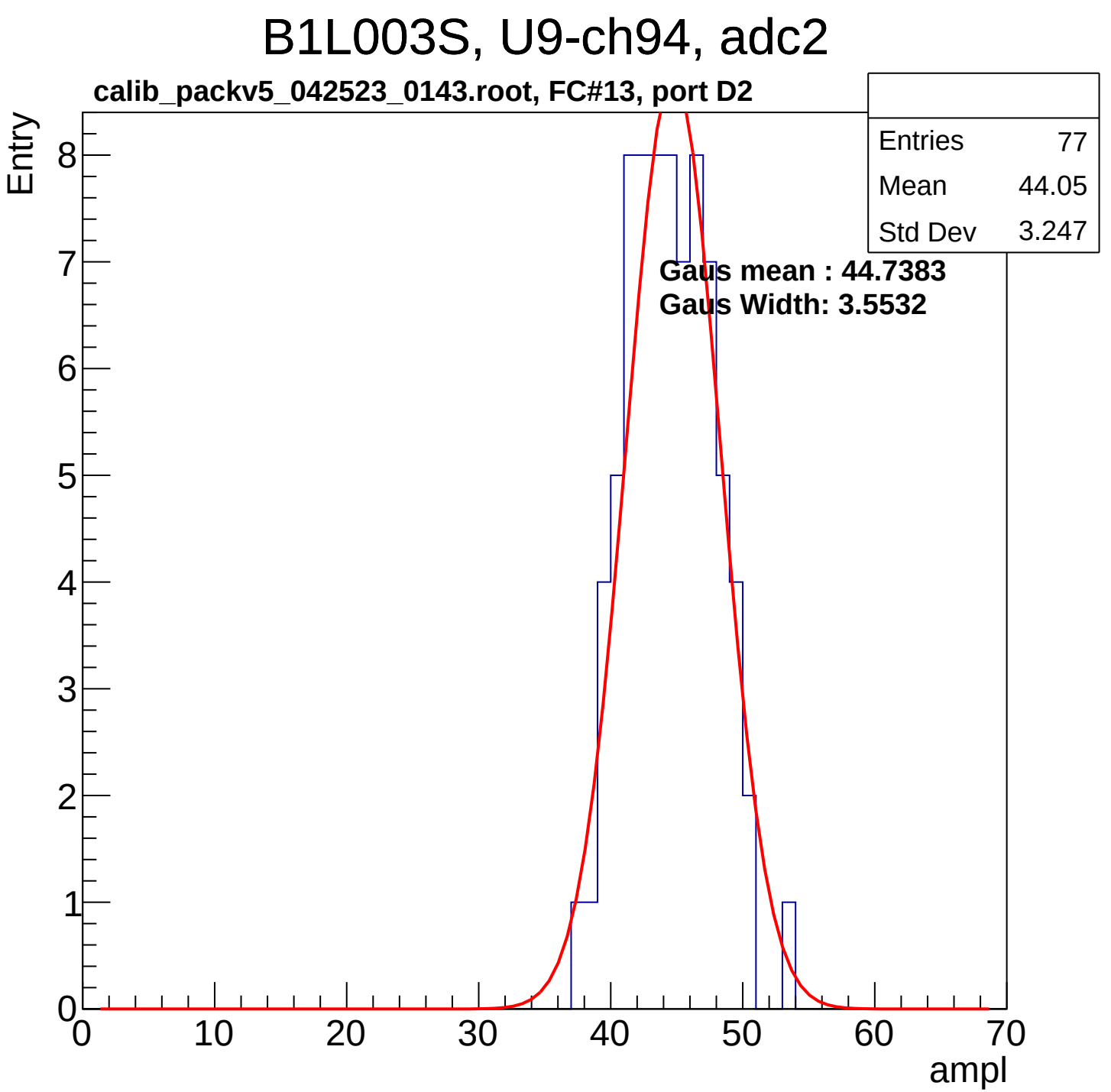

B1L003S, U9-ch93, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 12
Std Dev 12
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch94, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 30.24
Std Dev 2.907
Gaus mean : 30.6138
Gaus Width: 3.7092
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch94, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 36.09
Std Dev 3.472
Gaus mean : 36.8489
Gaus Width: 3.2242
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch94, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 44.05
Std Dev 3.247
Gaus mean : 44.7383
Gaus Width: 3.5532
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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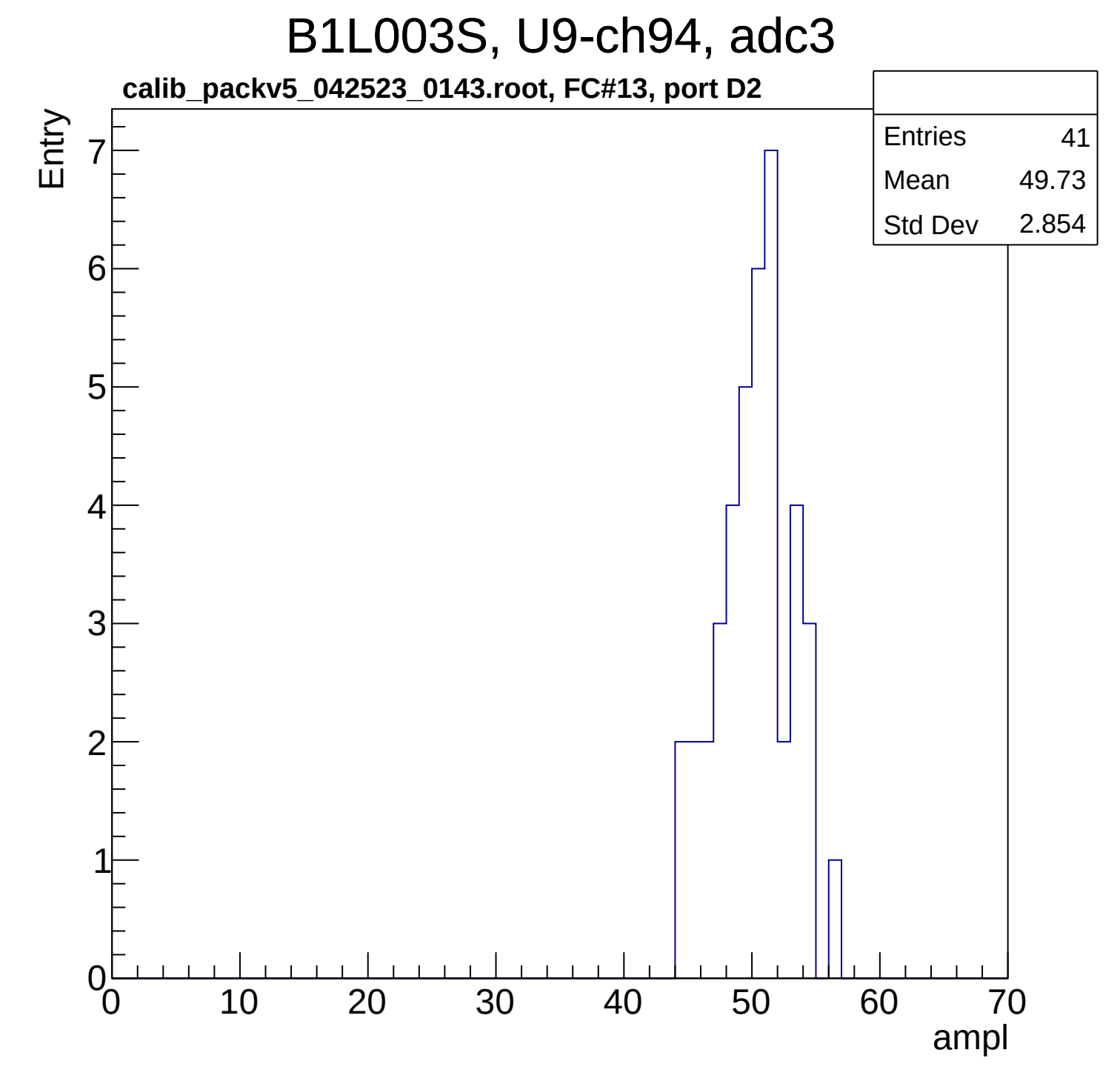
B1L003S, U9-ch94, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 49.73
Std Dev 2.854
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
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60
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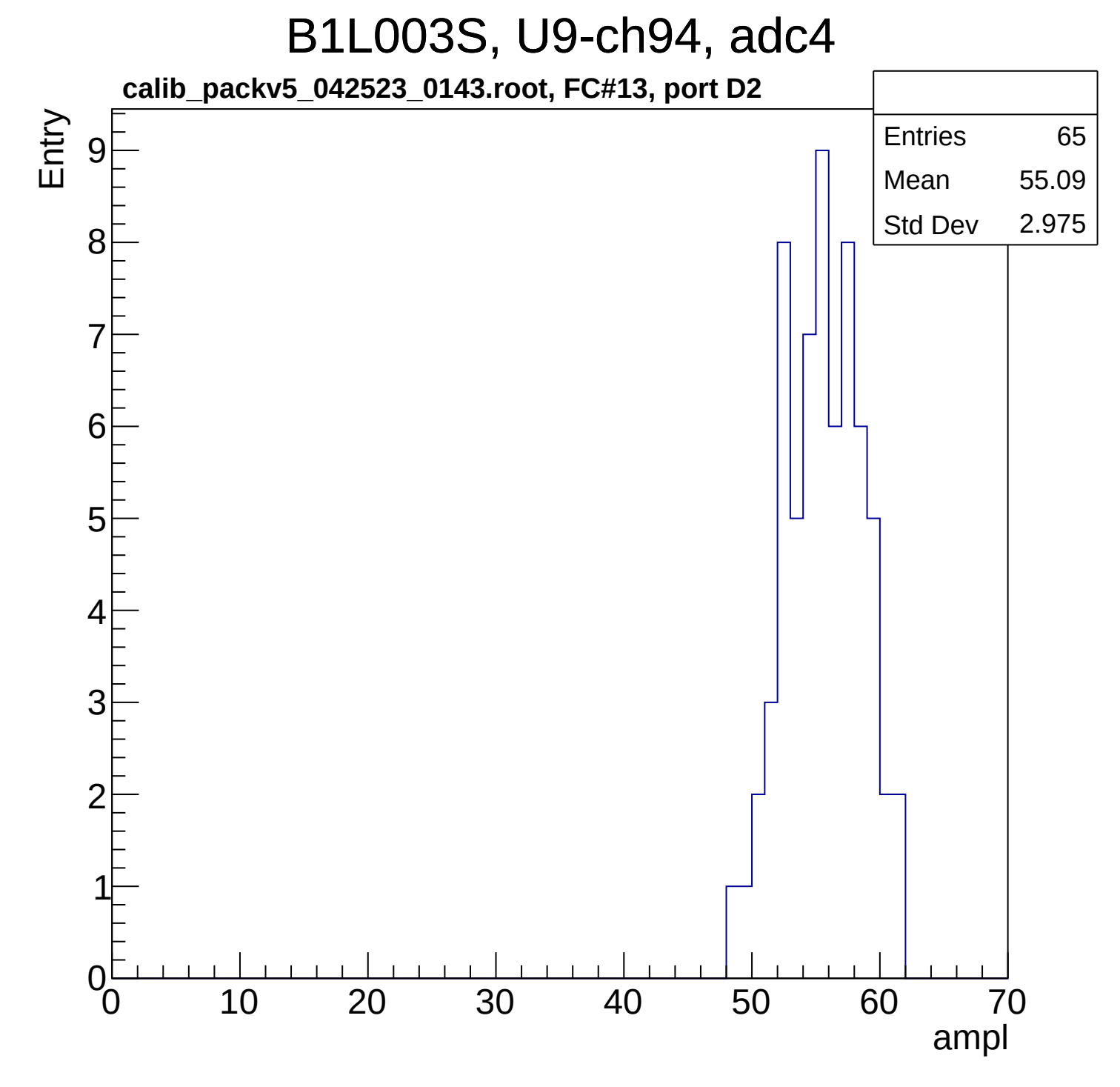
B1L003S, U9-ch94, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 55.09
Std Dev 2.975
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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60
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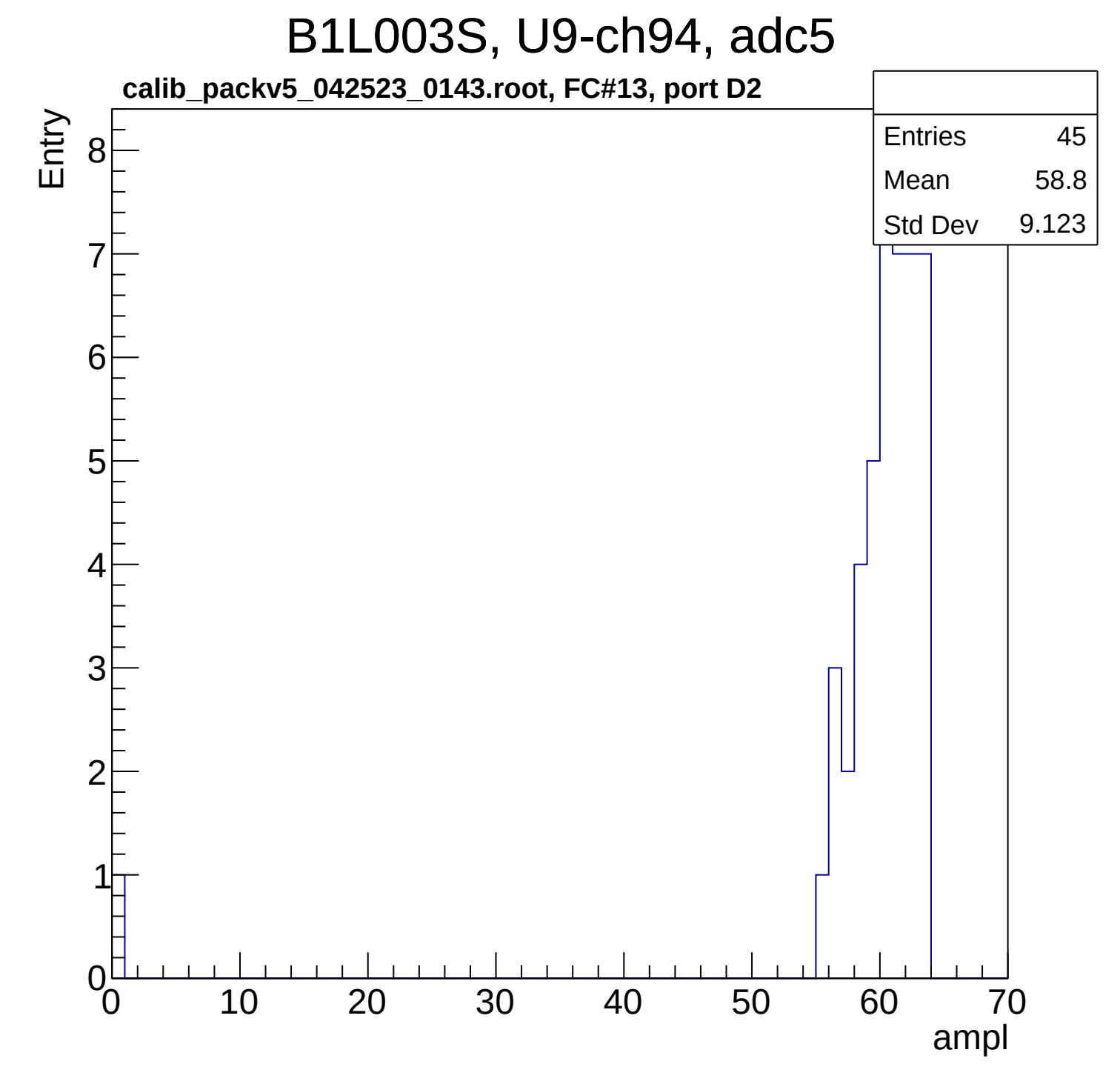
B1L003S, U9-ch94, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.8
Std Dev 9.123
Entry
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3
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5
6
7
8
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10
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30
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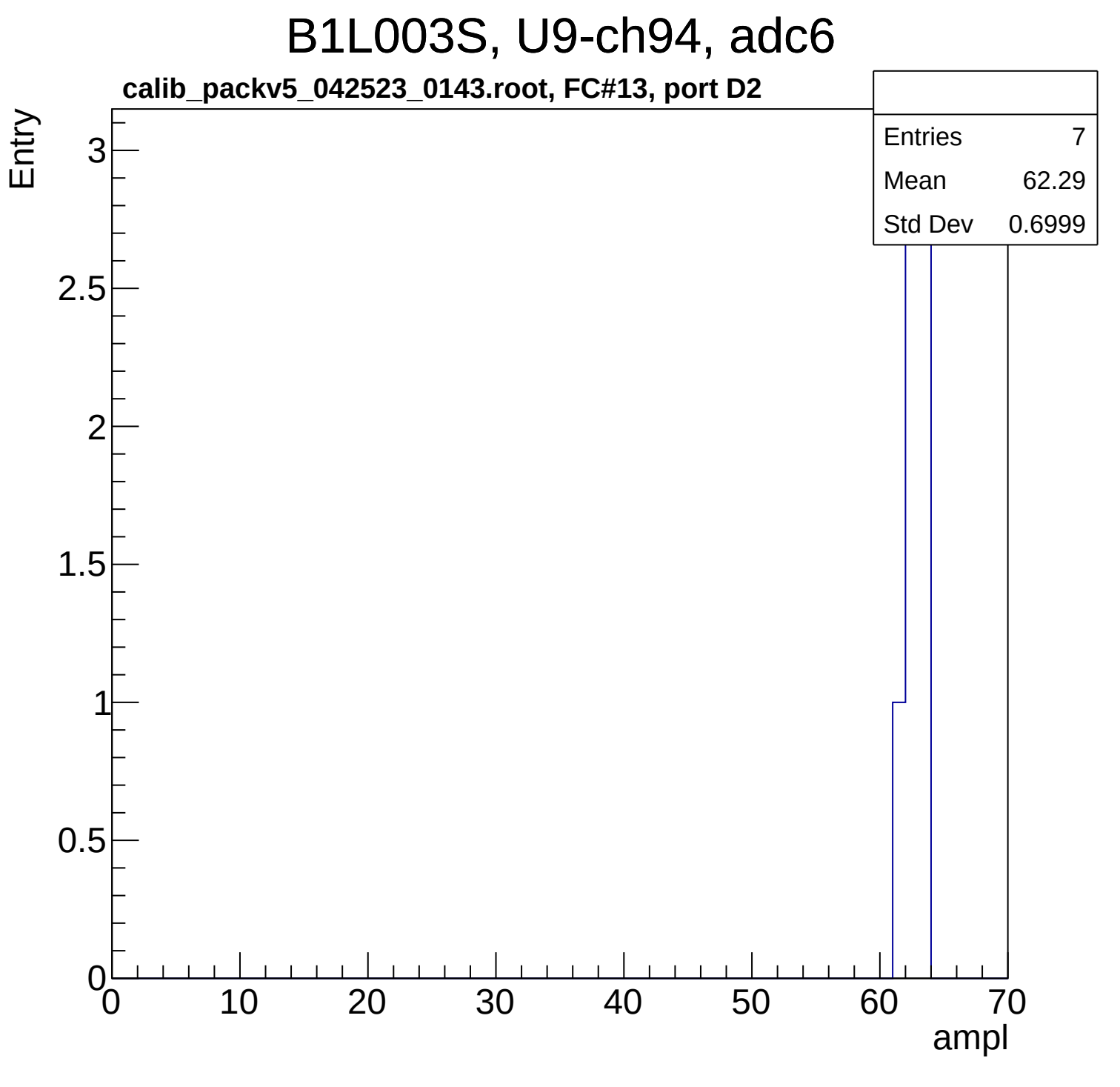
50
60
70
ampl


B1L003S, U9-ch94, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.29
Std Dev 0.6999
Entry
ampl
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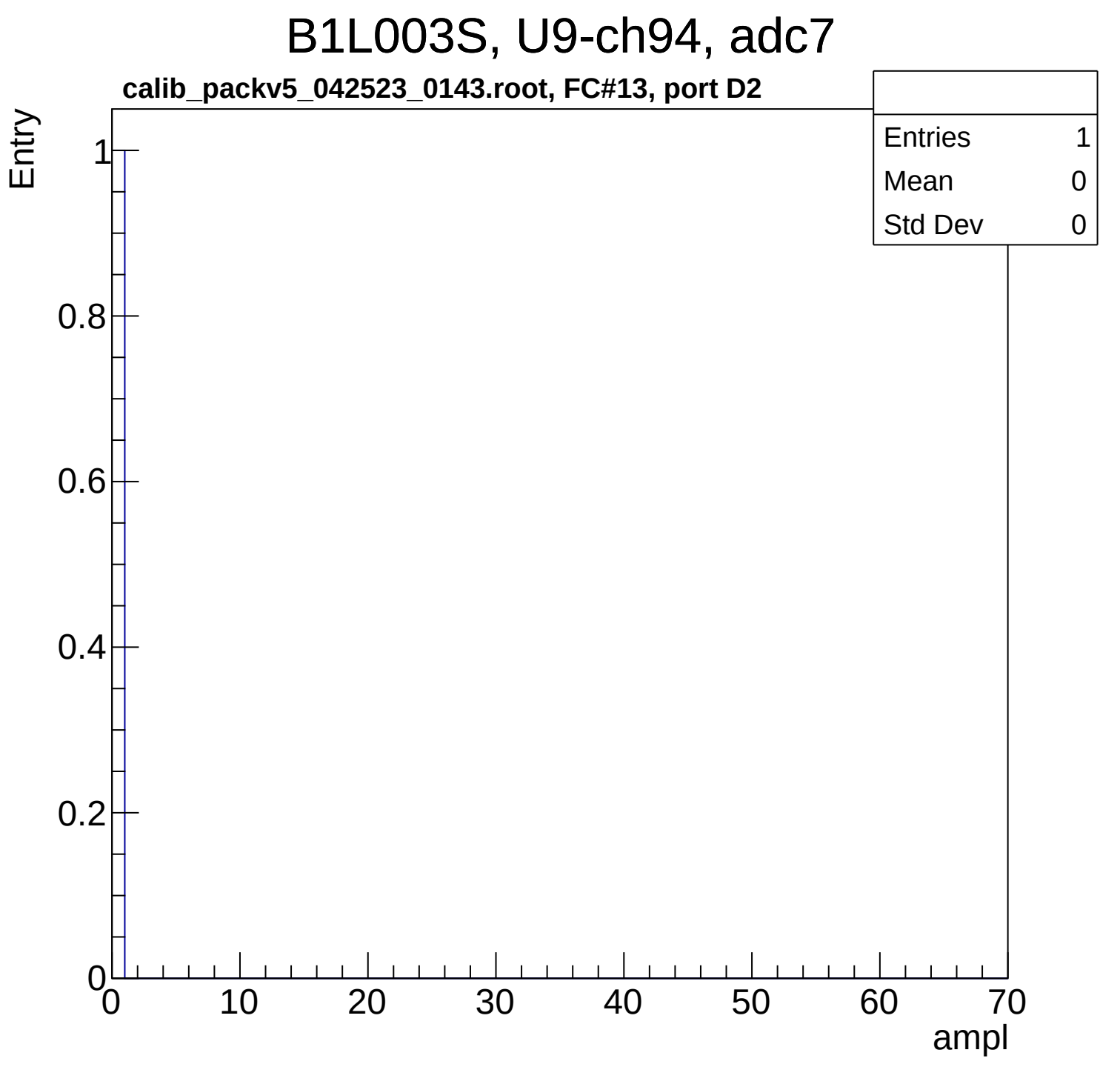
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch94, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
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0.6
0.4
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0
0
10
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30
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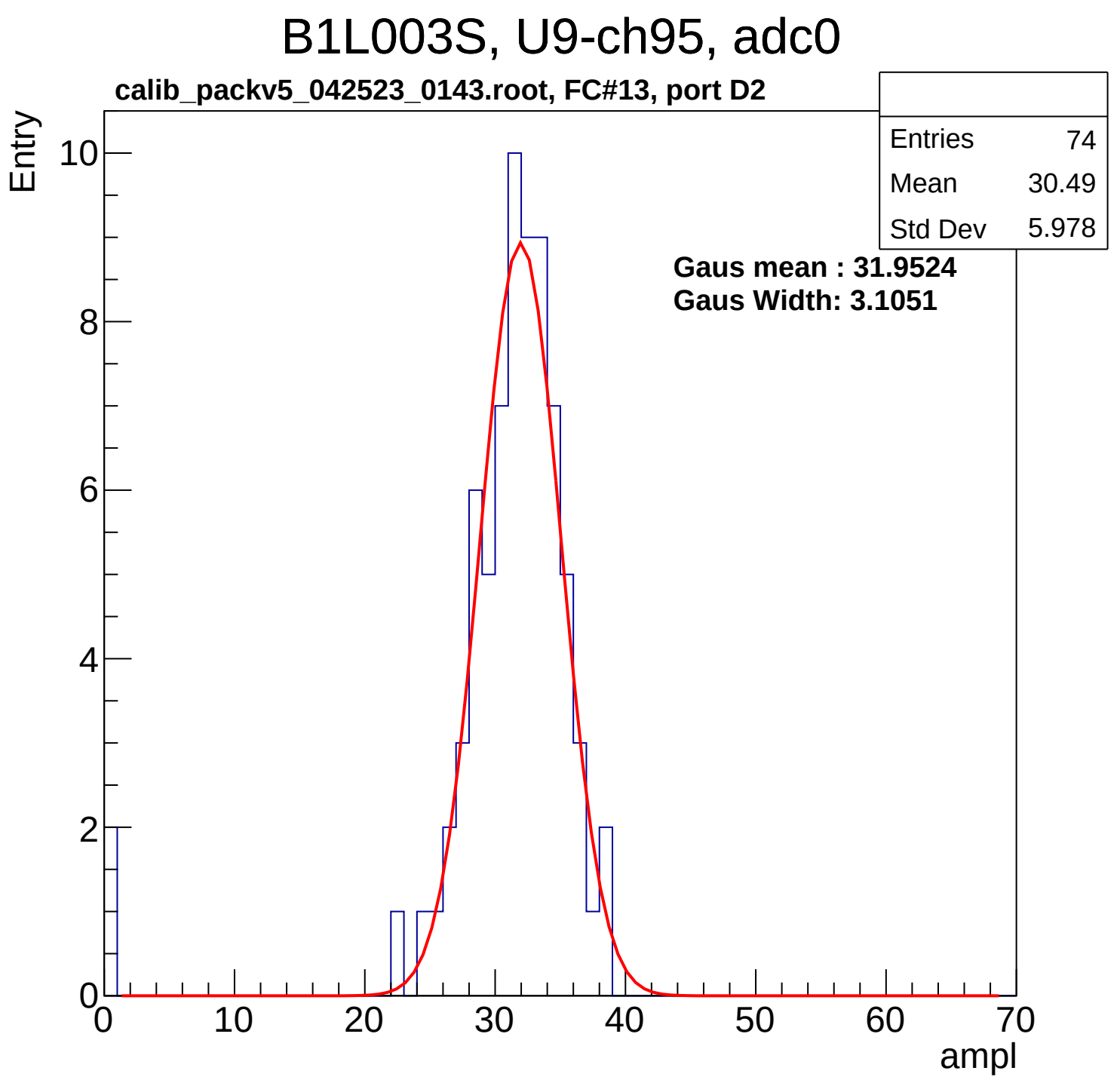
50
60
70
ampl


B1L003S, U9-ch95, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 30.49
Std Dev 5.978
Gaus mean : 31.9524
Gaus Width: 3.1051
Entry
ampl
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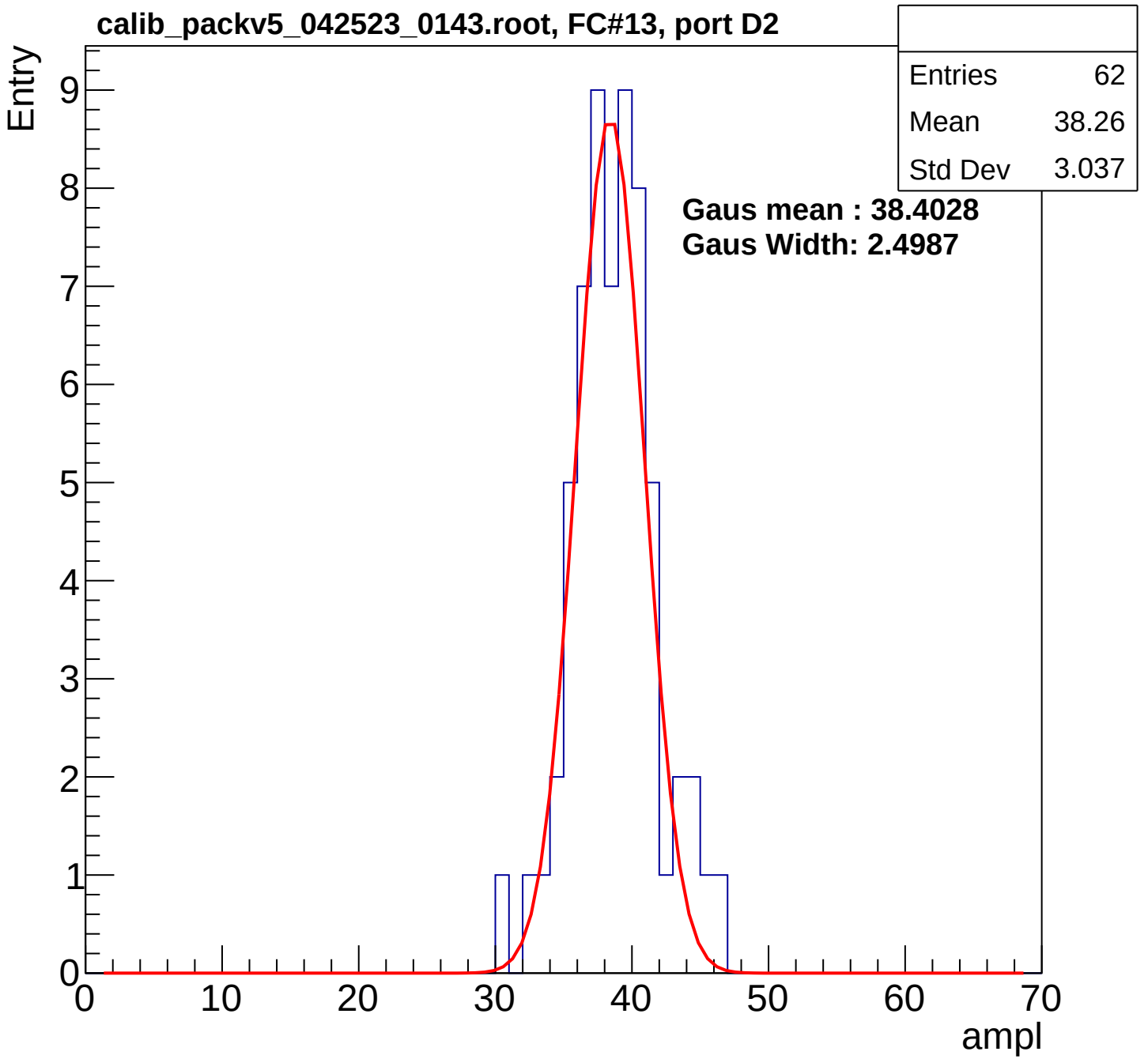
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch95, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 38.26
Std Dev 3.037
Gaus mean : 38.4028
Gaus Width: 2.4987
Entry
ampl
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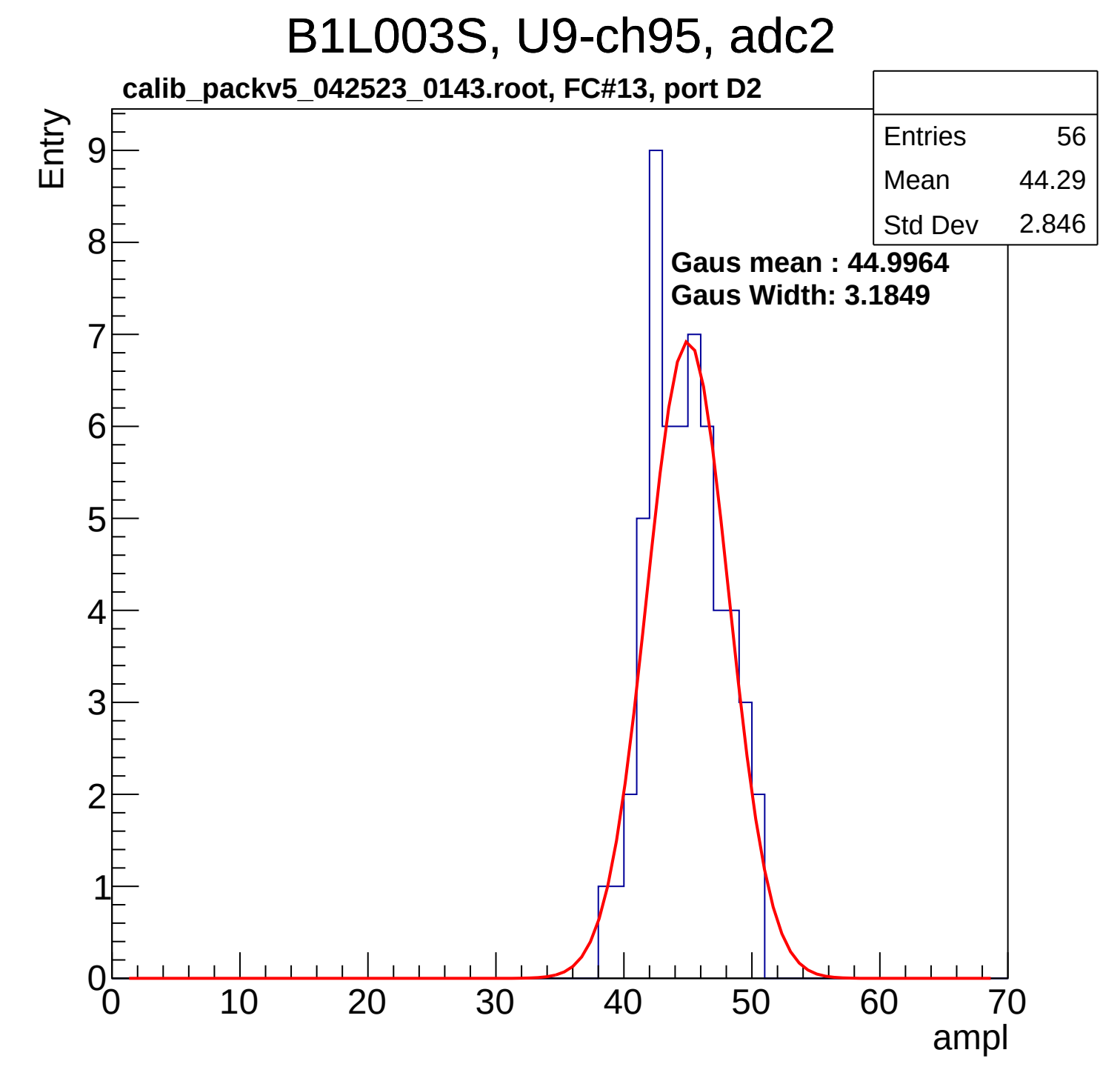
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch95, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 44.29
Std Dev 2.846
Gaus mean : 44.9964
Gaus Width: 3.1849
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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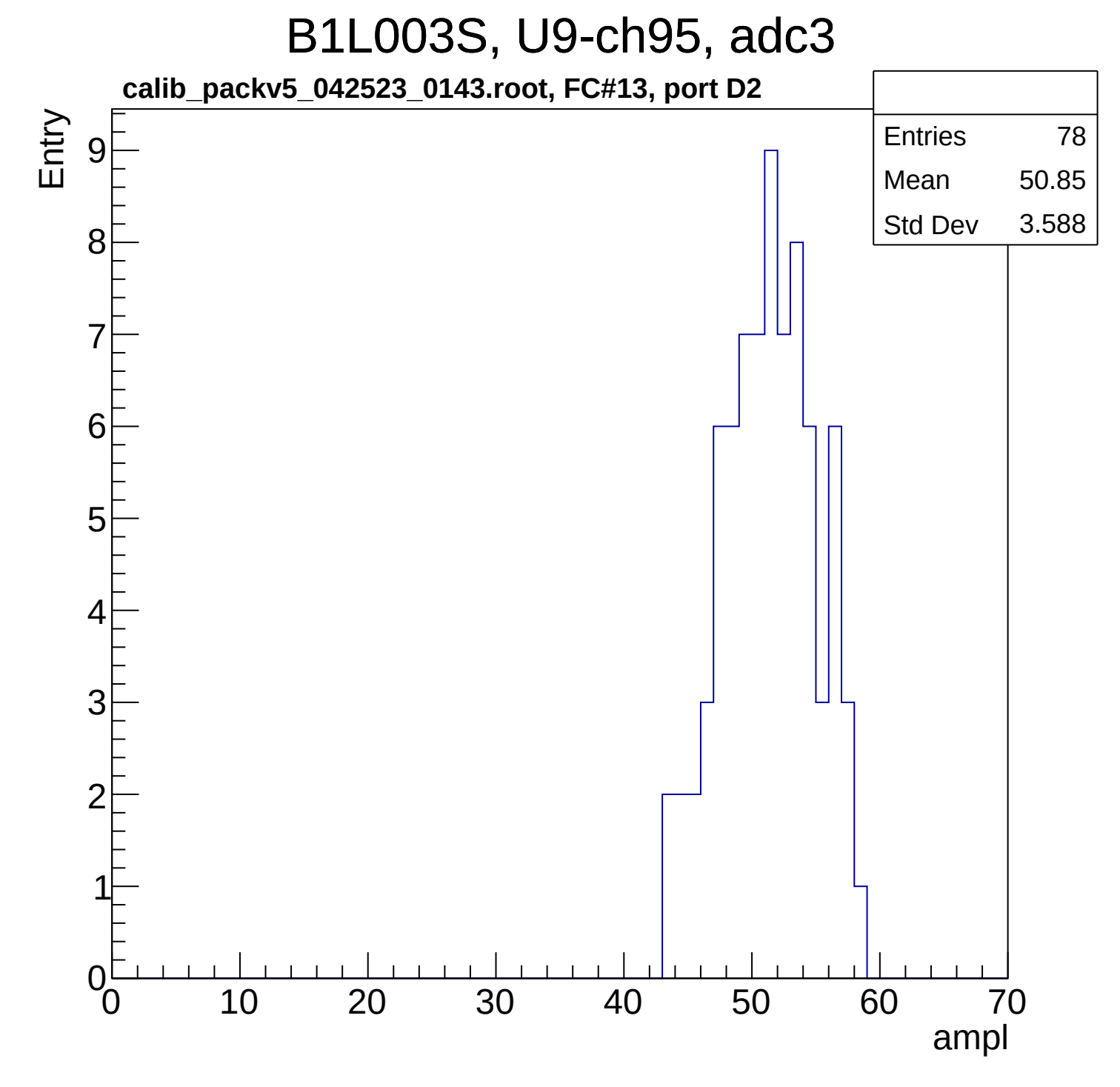
B1L003S, U9-ch95, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 50.85
Std Dev 3.588
Entry
ampl
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3
4
5
6
7
8
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0
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20
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40
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60
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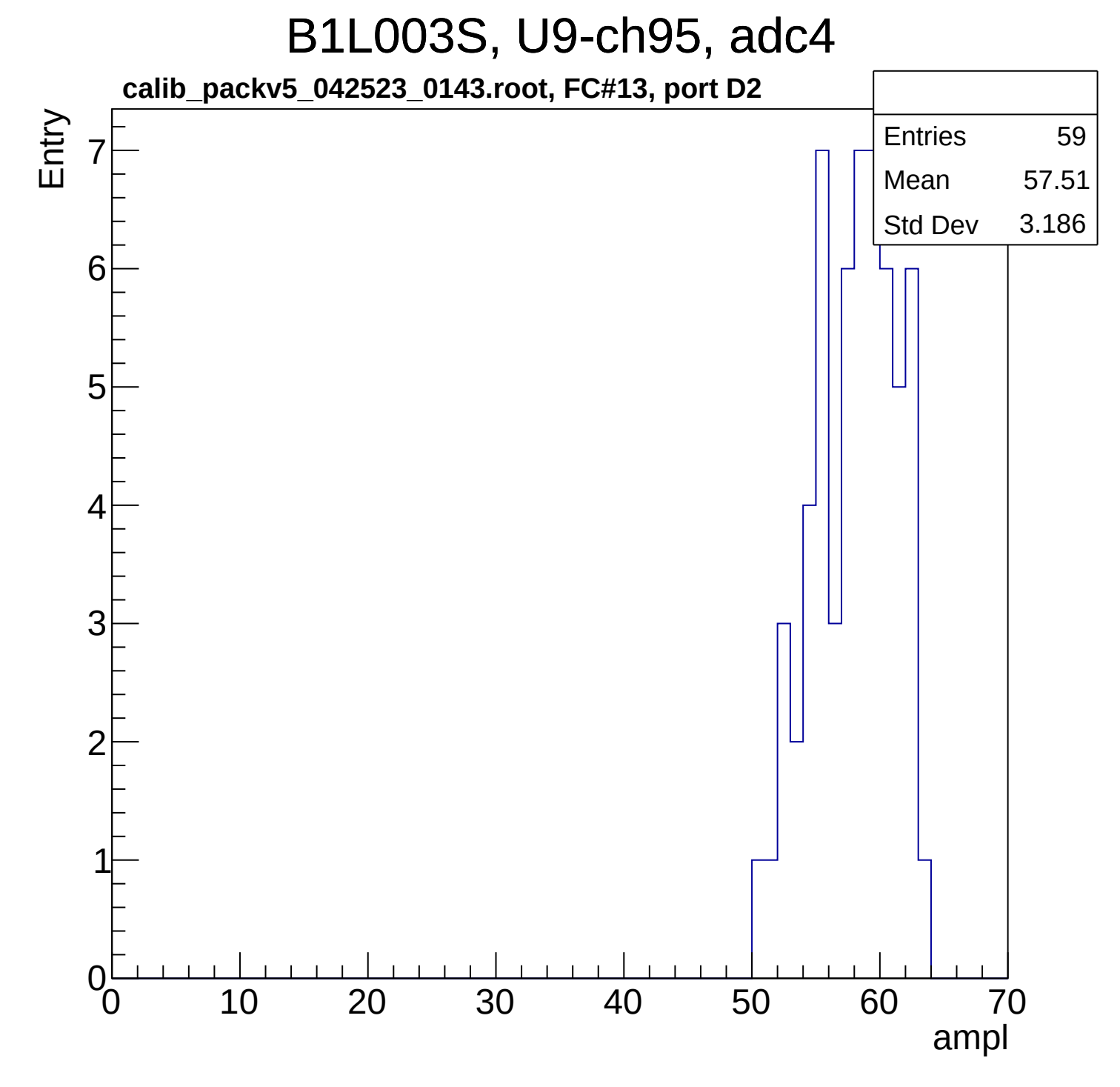
B1L003S, U9-ch95, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 57.51
Std Dev 3.186
Entry
ampl
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3
4
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6
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0
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40
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60
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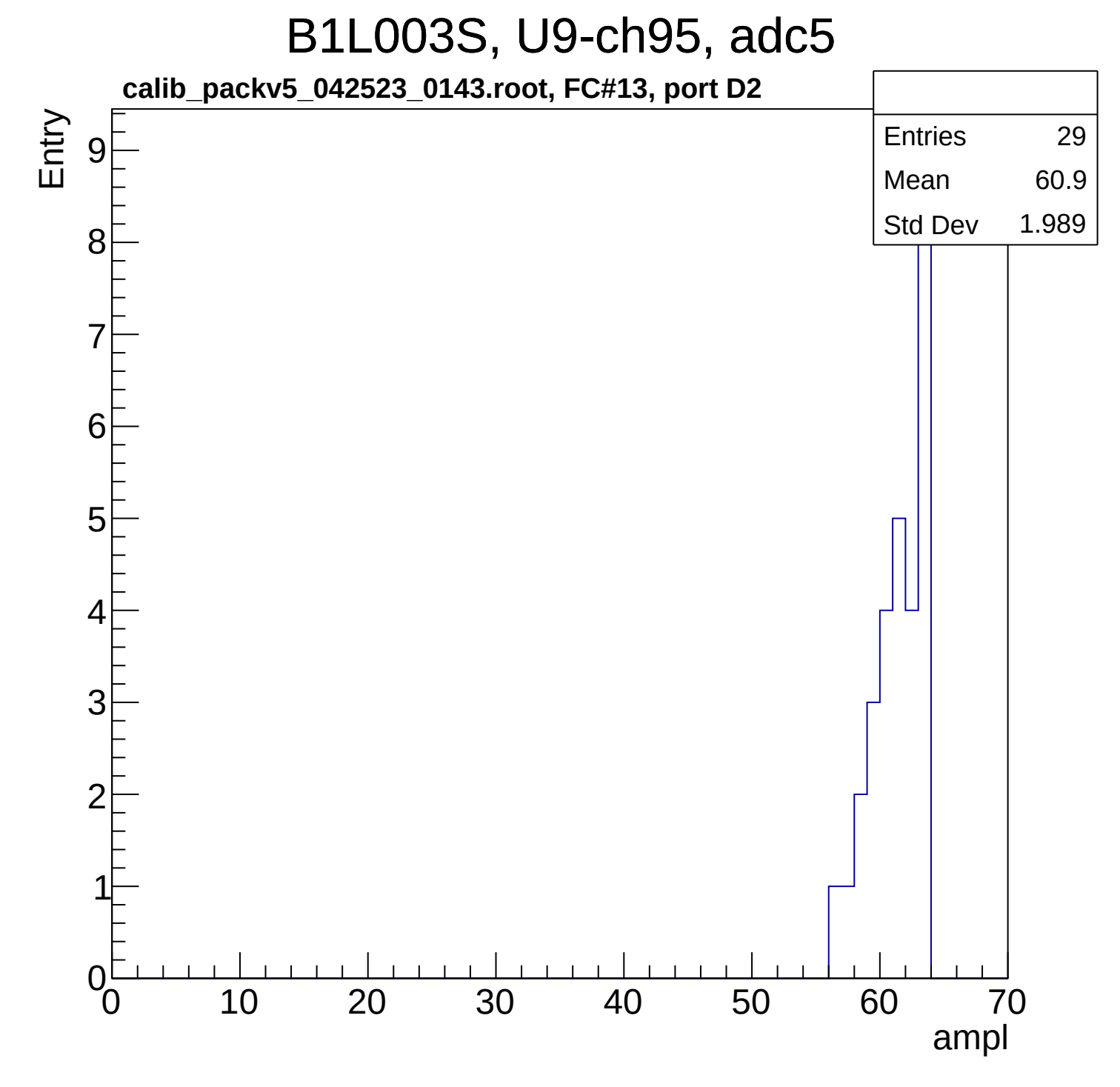
B1L003S, U9-ch95, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 29
Mean 60.9
Std Dev 1.989
Entry
0
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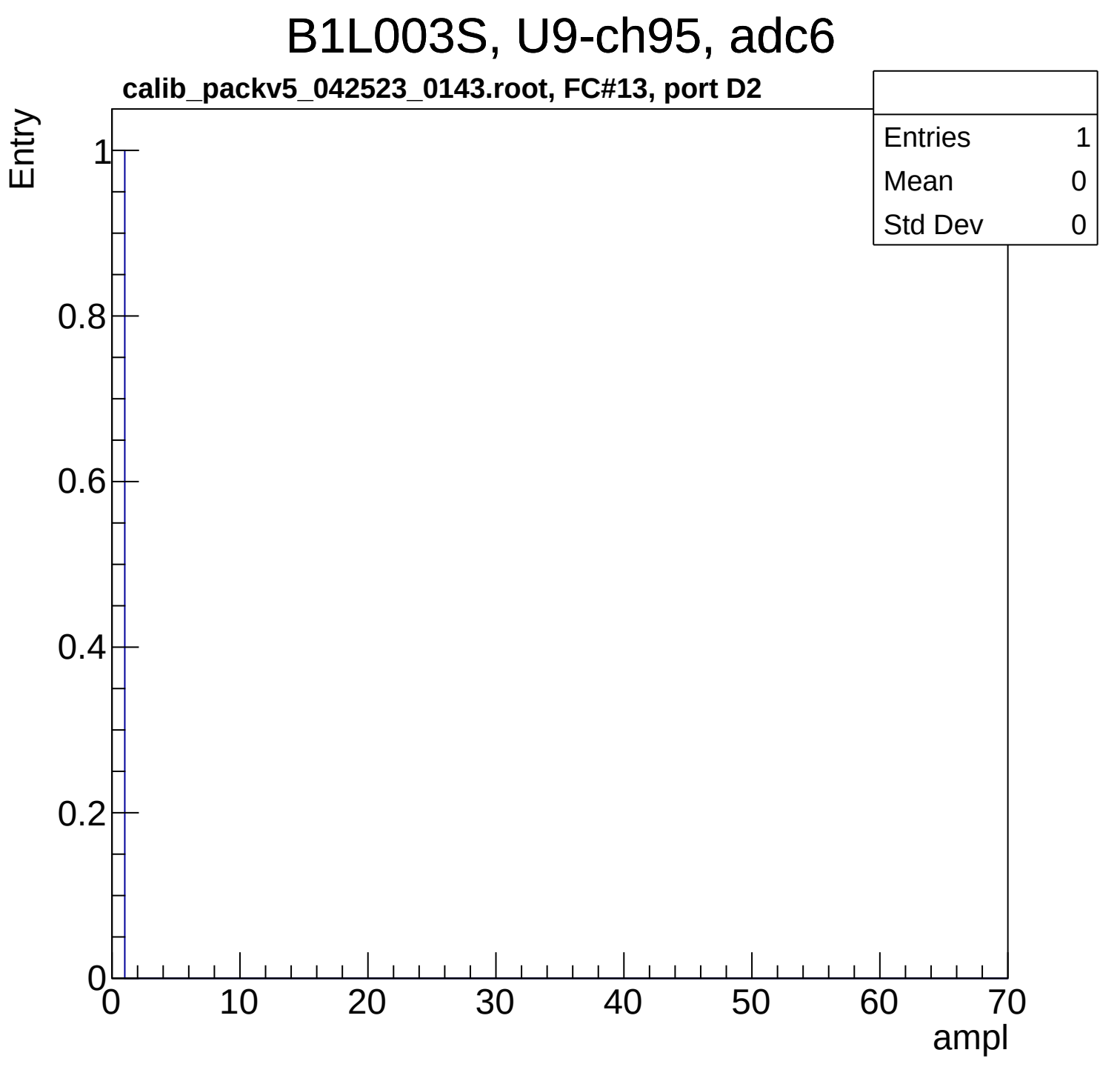
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch95, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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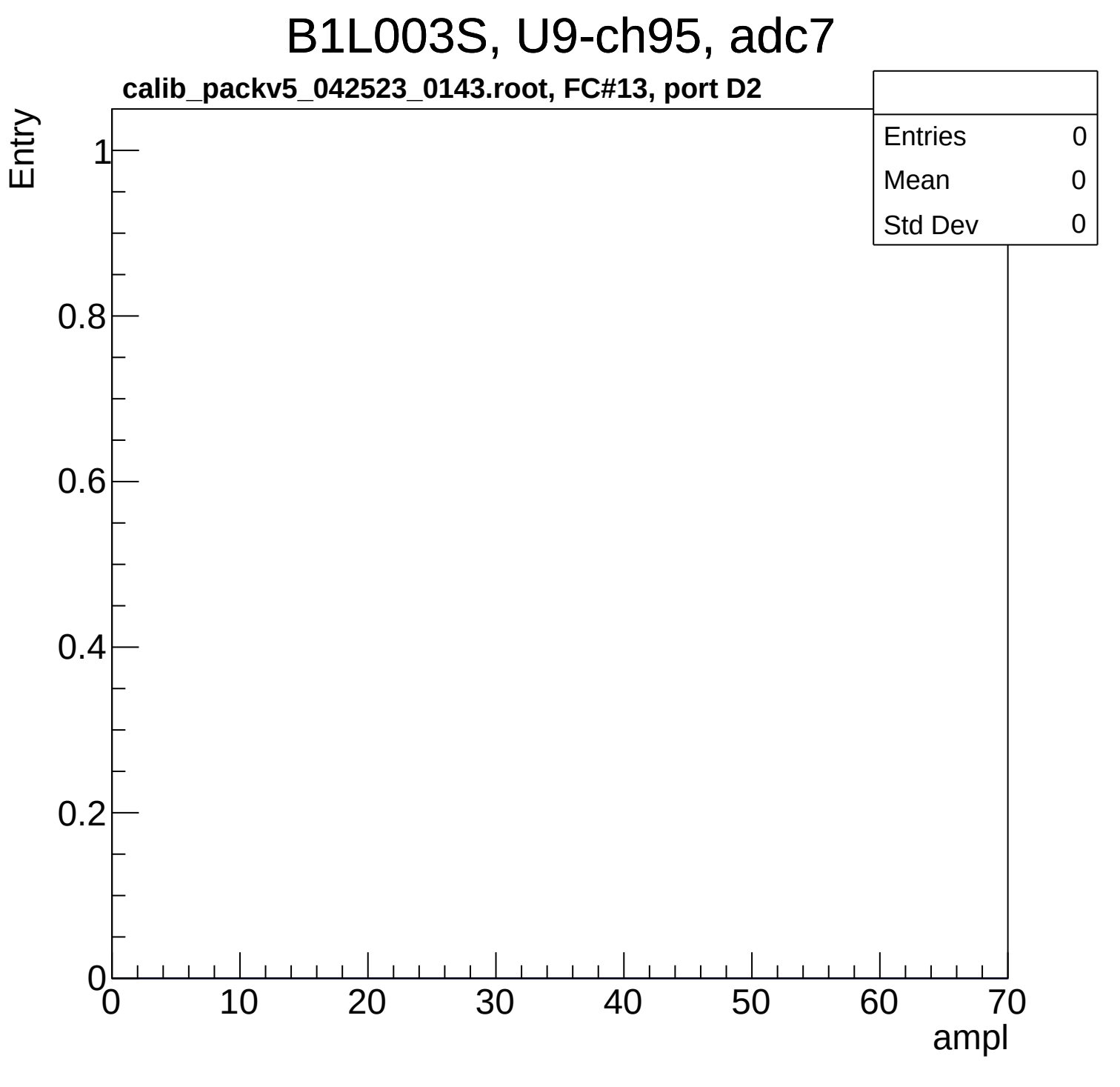
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch95, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
30
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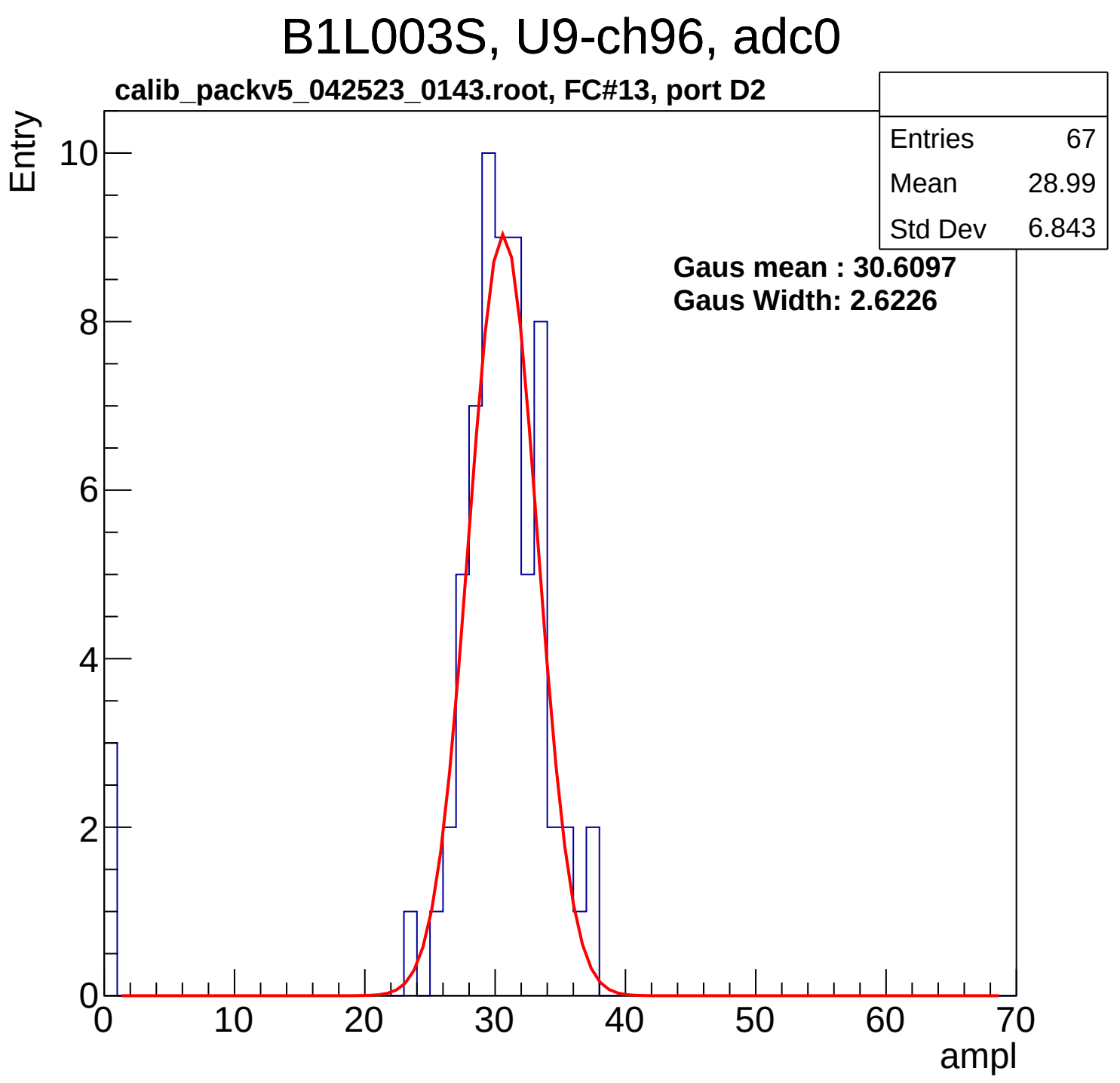
50
60
70
ampl


B1L003S, U9-ch96, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 28.99
Std Dev 6.843
Gaus mean : 30.6097
Gaus Width: 2.6226
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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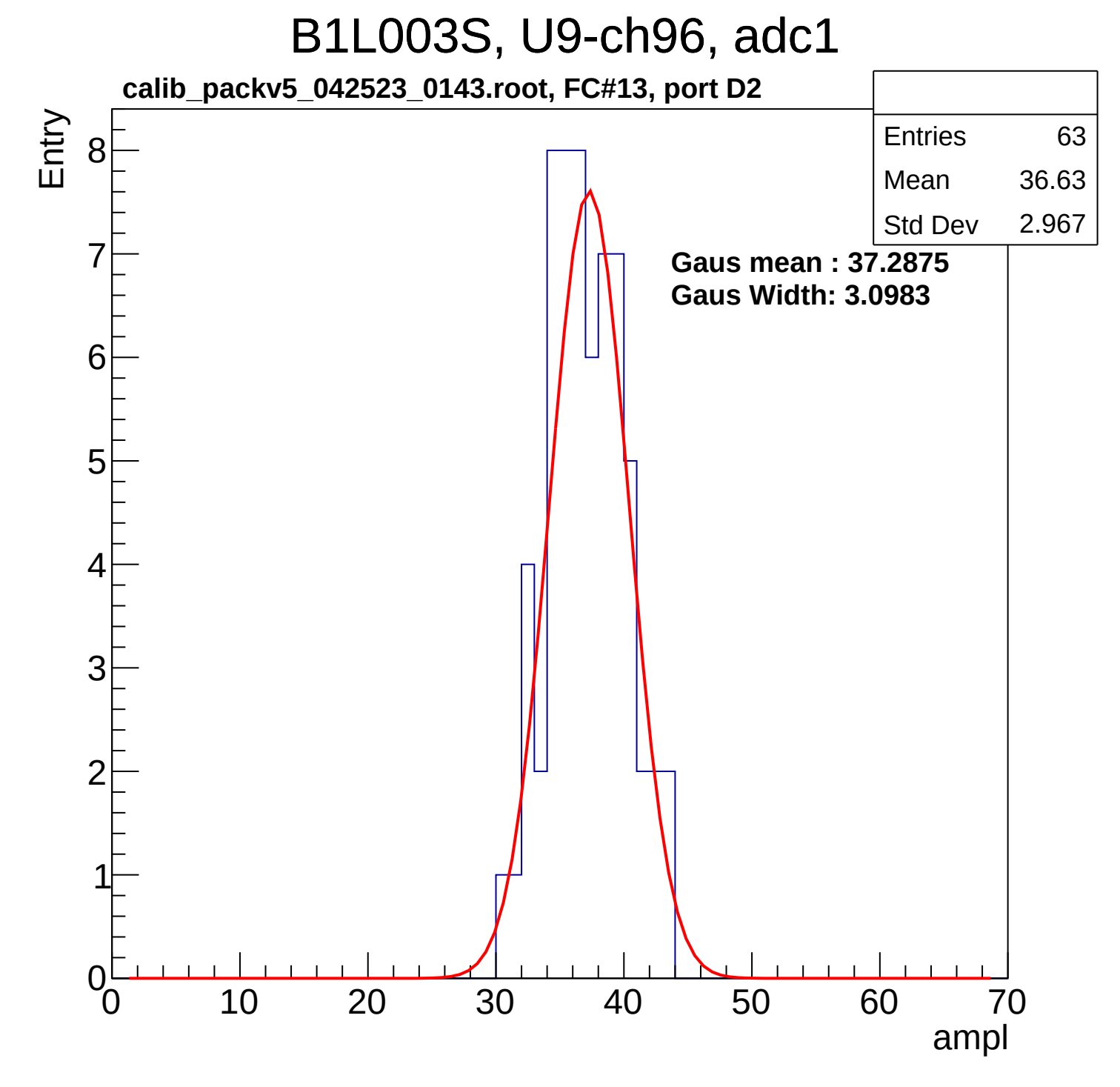
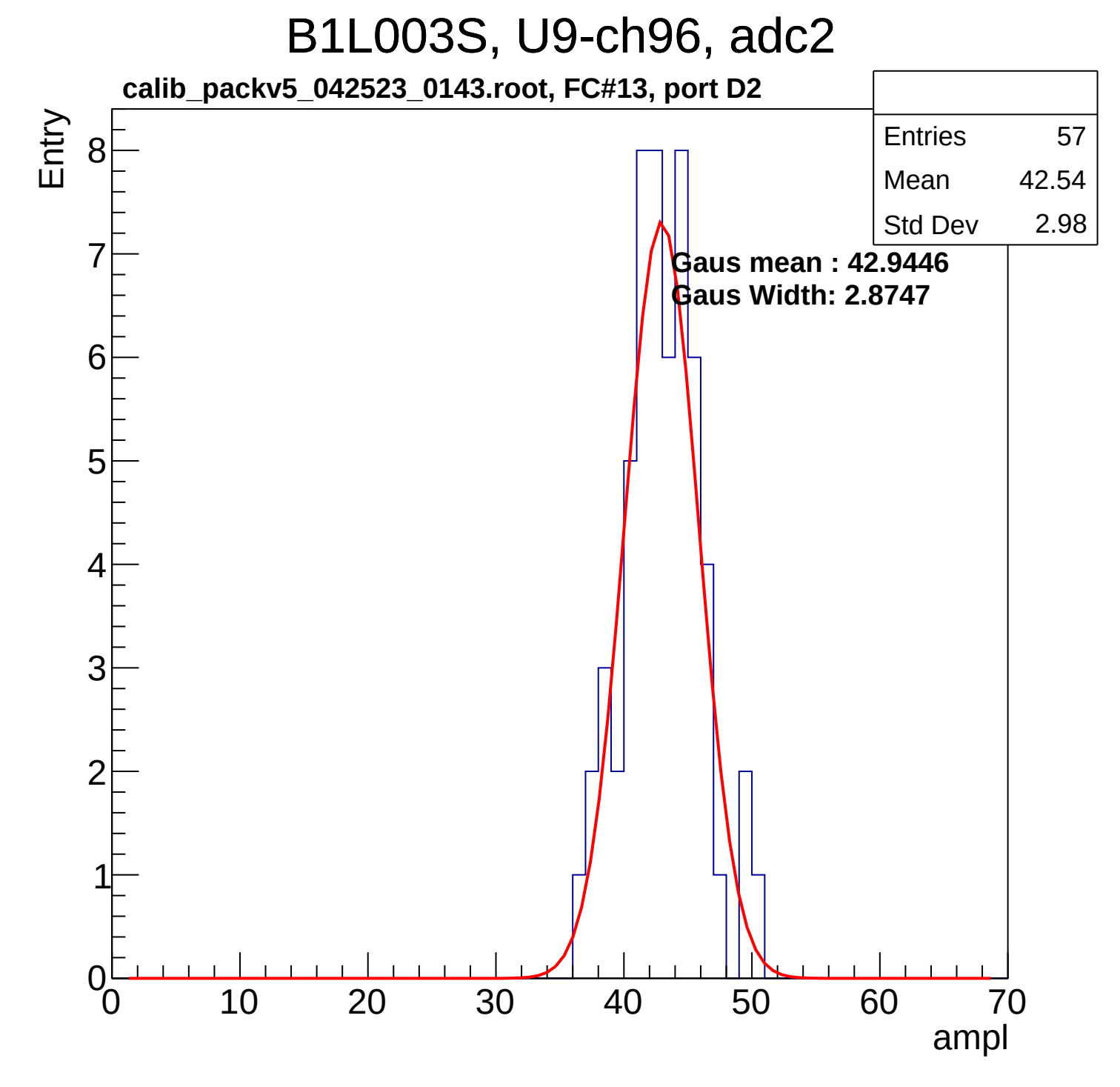

B1L003S, U9-ch96, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 36.63
Std Dev 2.967
Gaus mean : 37.2875
Gaus Width: 3.0983
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch96, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 42.54
Std Dev 2.98
Gaus mean : 42.9446
Gaus Width: 2.8747
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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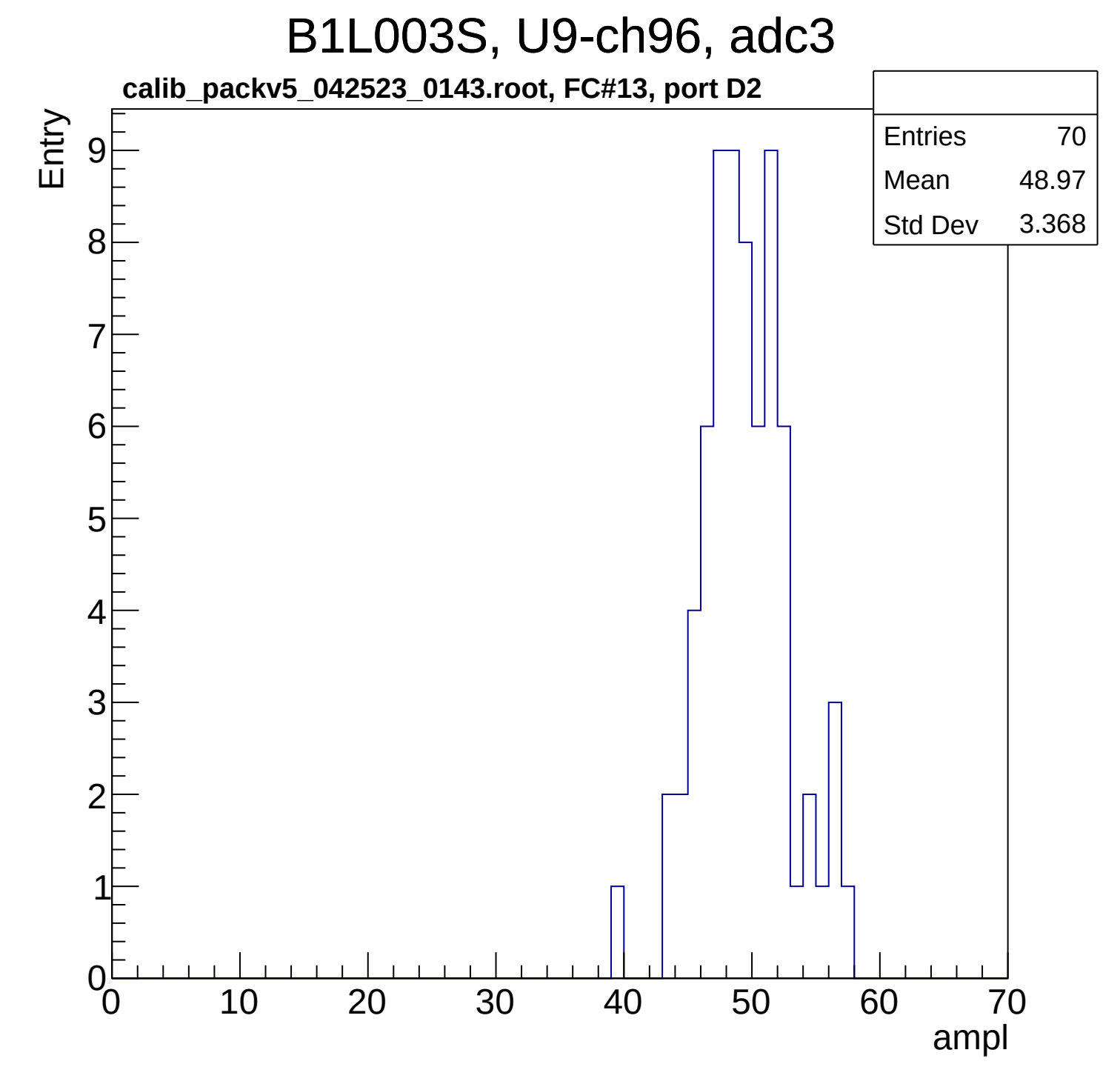
B1L003S, U9-ch96, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 48.97
Std Dev 3.368
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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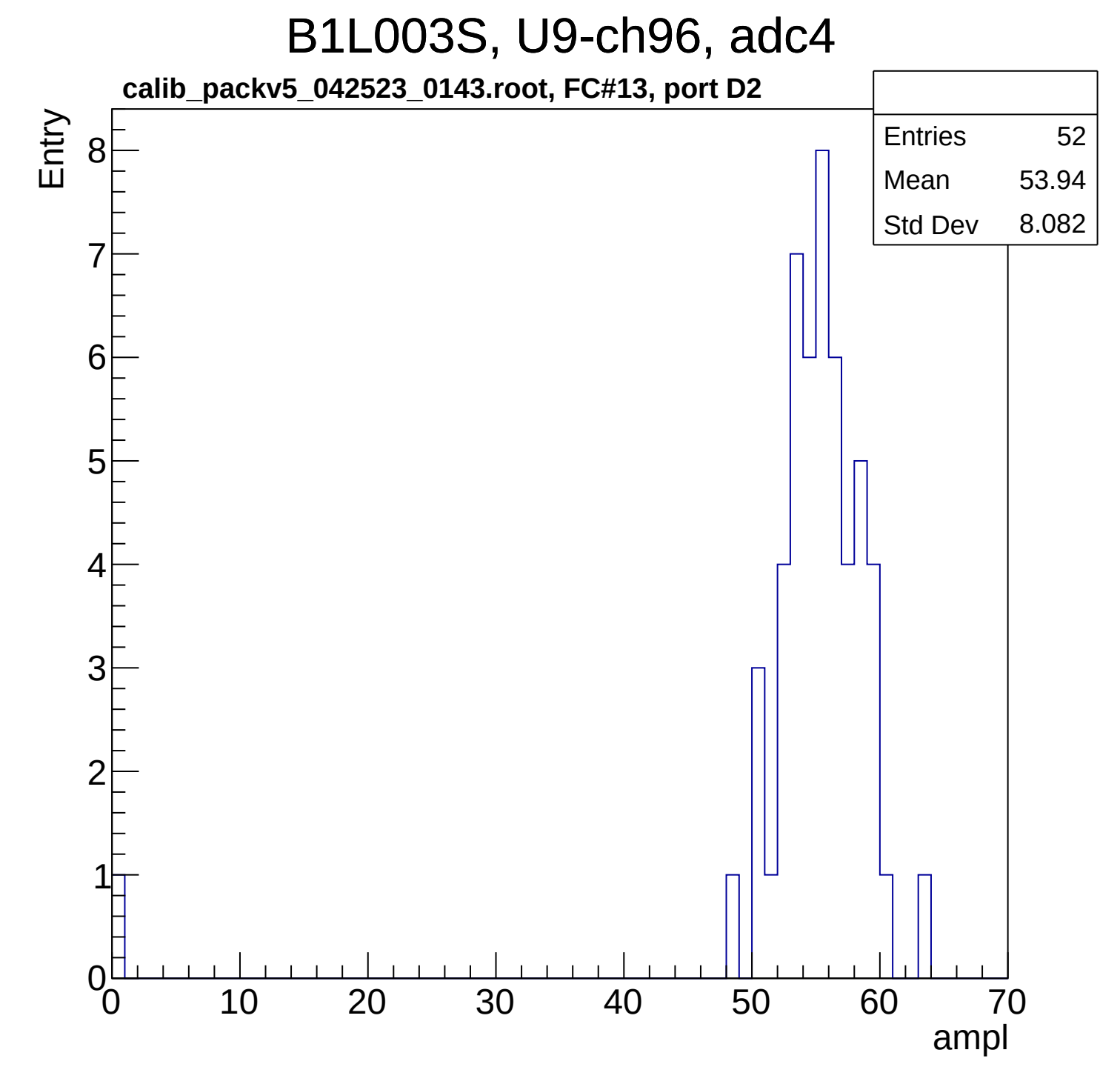
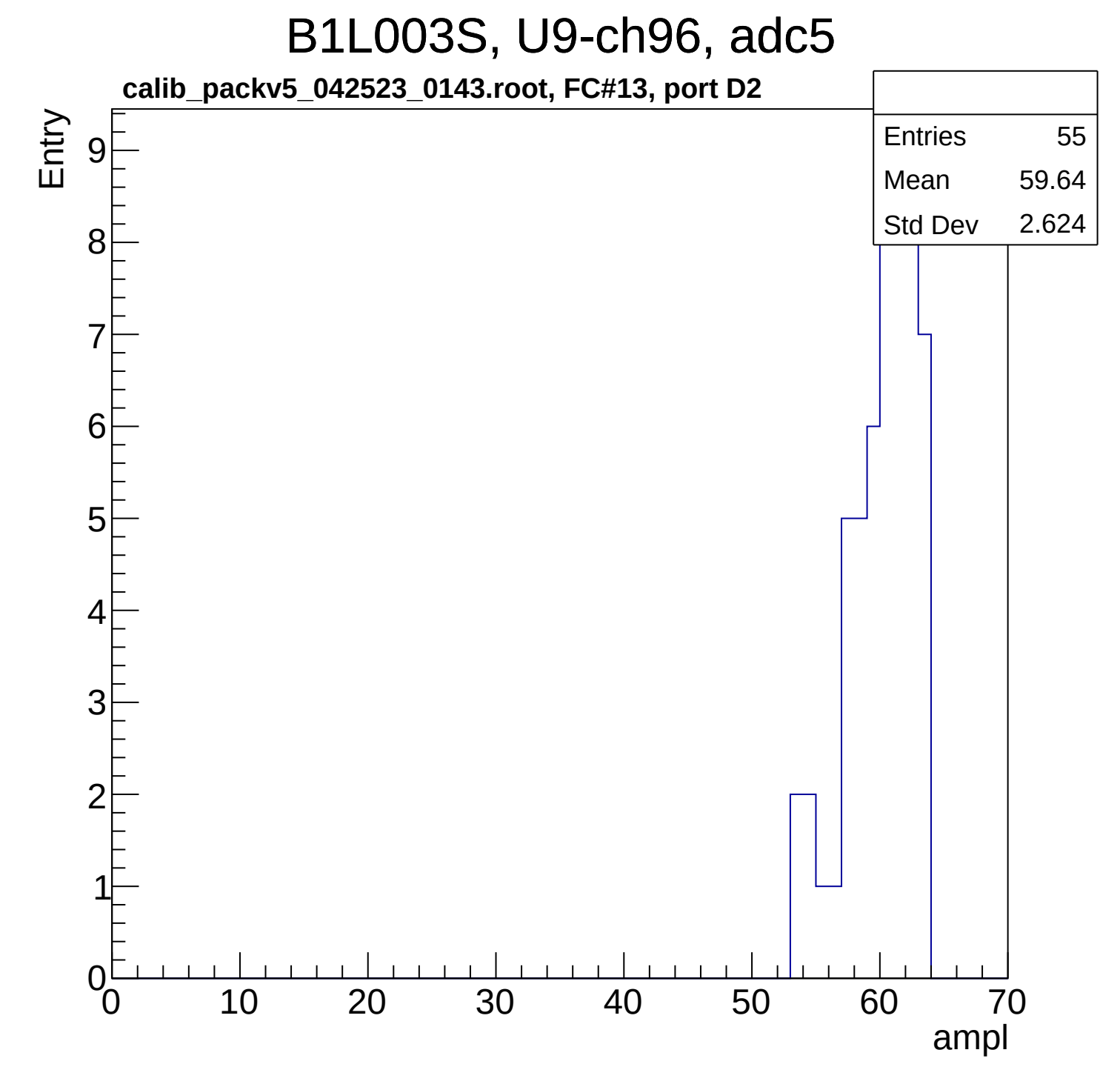

B1L003S, U9-ch96, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 53.94
Std Dev 8.082
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch96, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 59.64
Std Dev 2.624
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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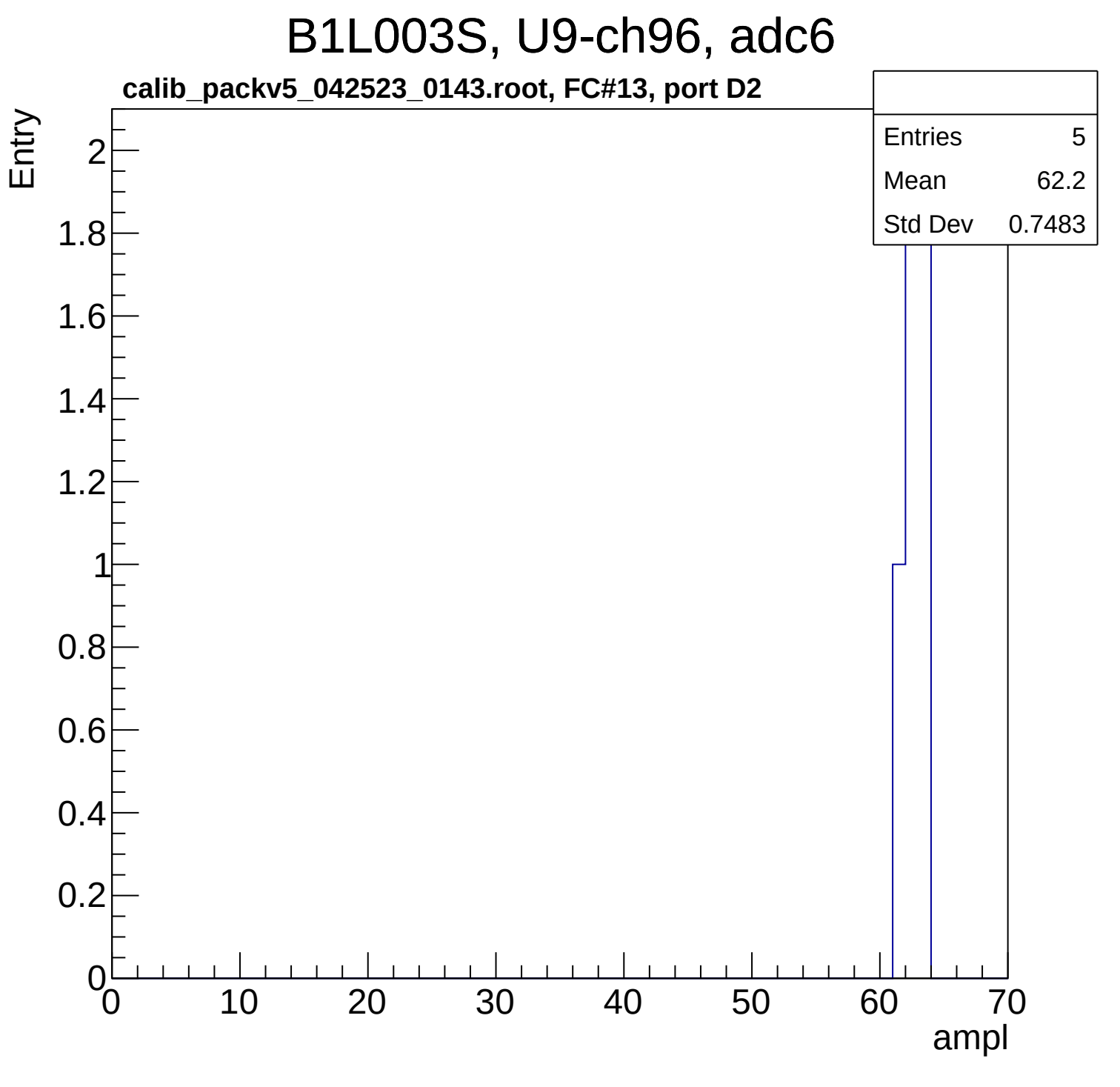
B1L003S, U9-ch96, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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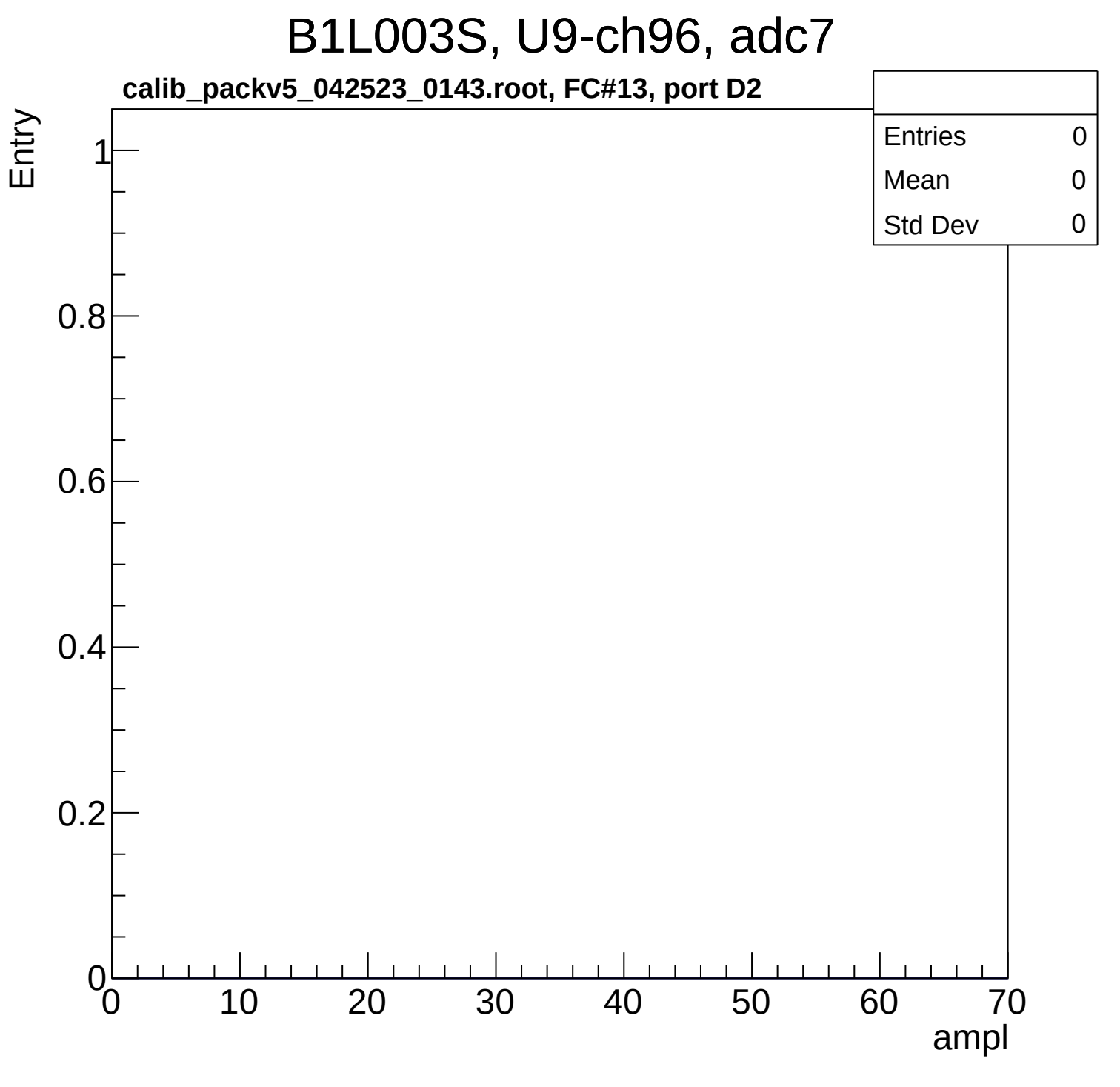
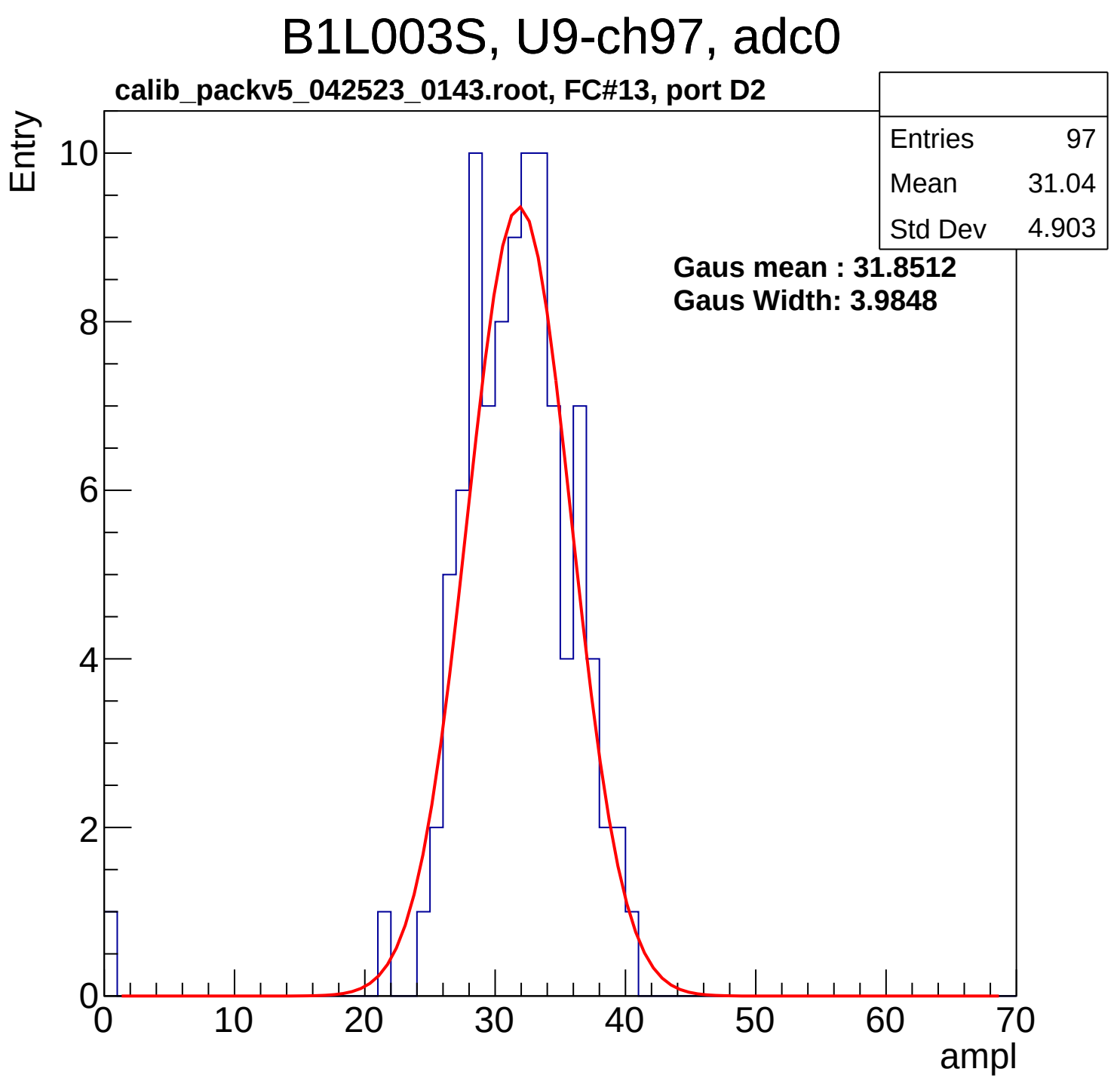
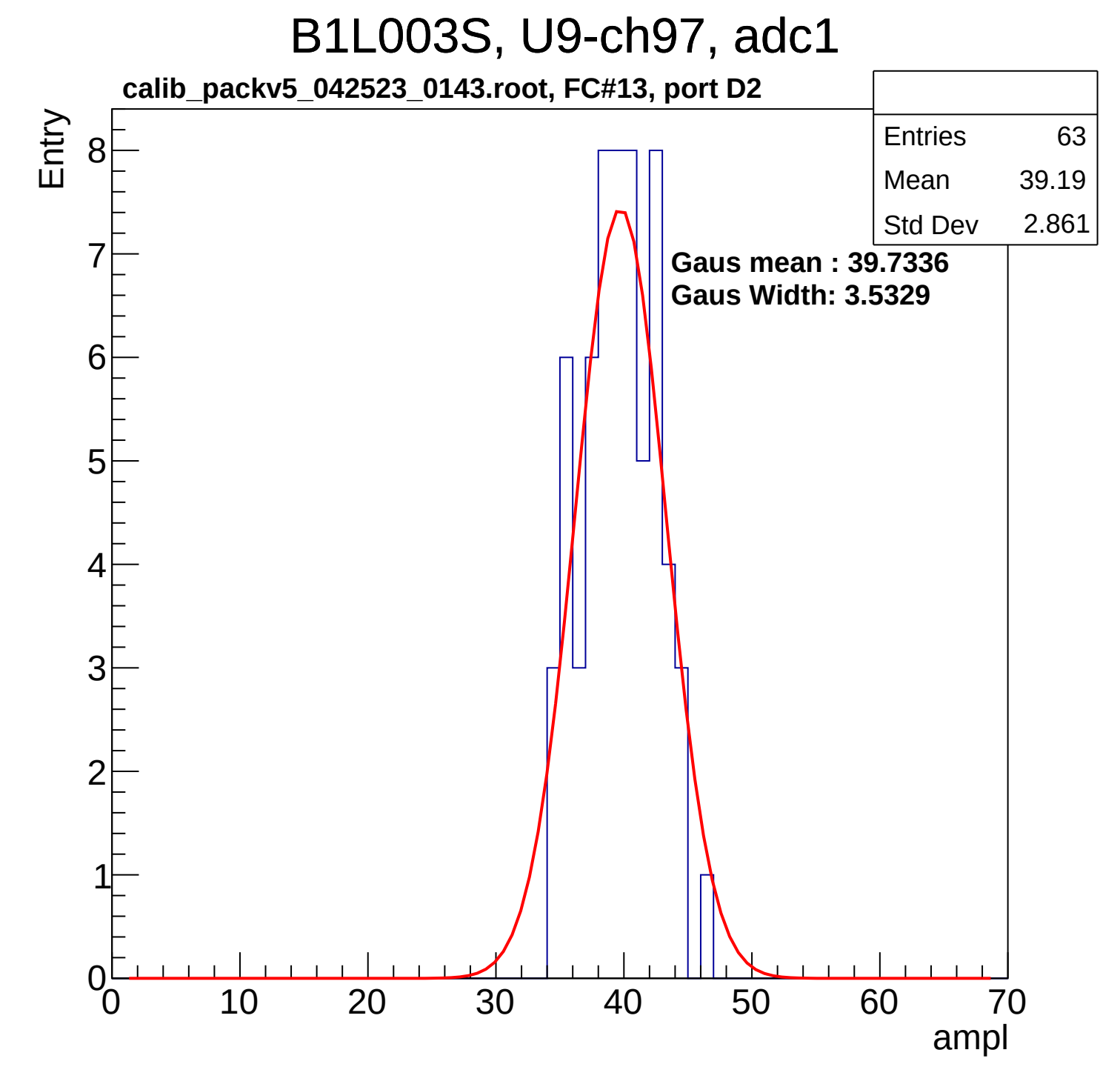

B1L003S, U9-ch96, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch97, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 97
Mean 31.04
Std Dev 4.903
Gaus mean : 31.8512
Gaus Width: 3.9848
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch97, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 39.19
Std Dev 2.861
Gaus mean : 39.7336
Gaus Width: 3.5329
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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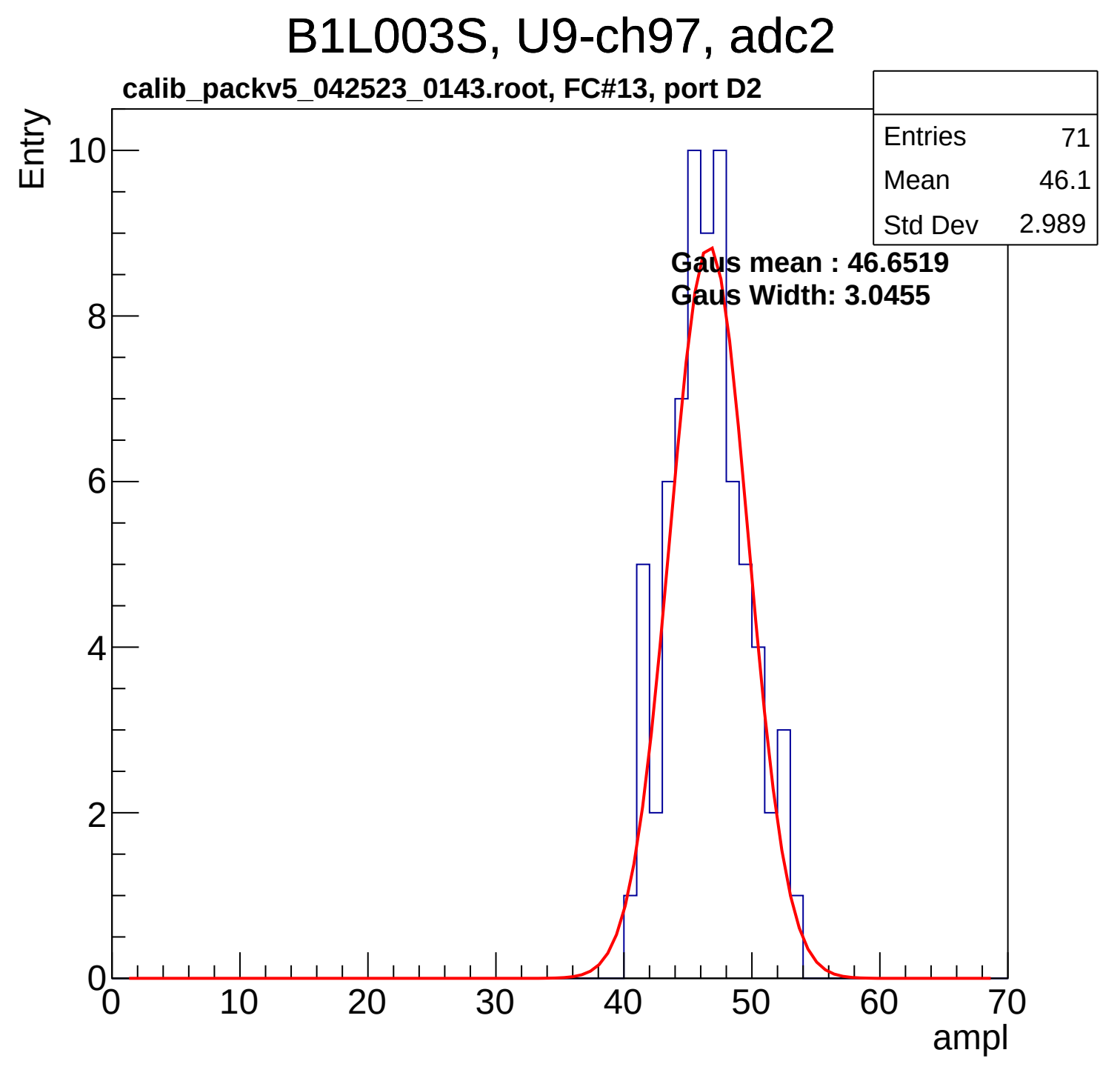
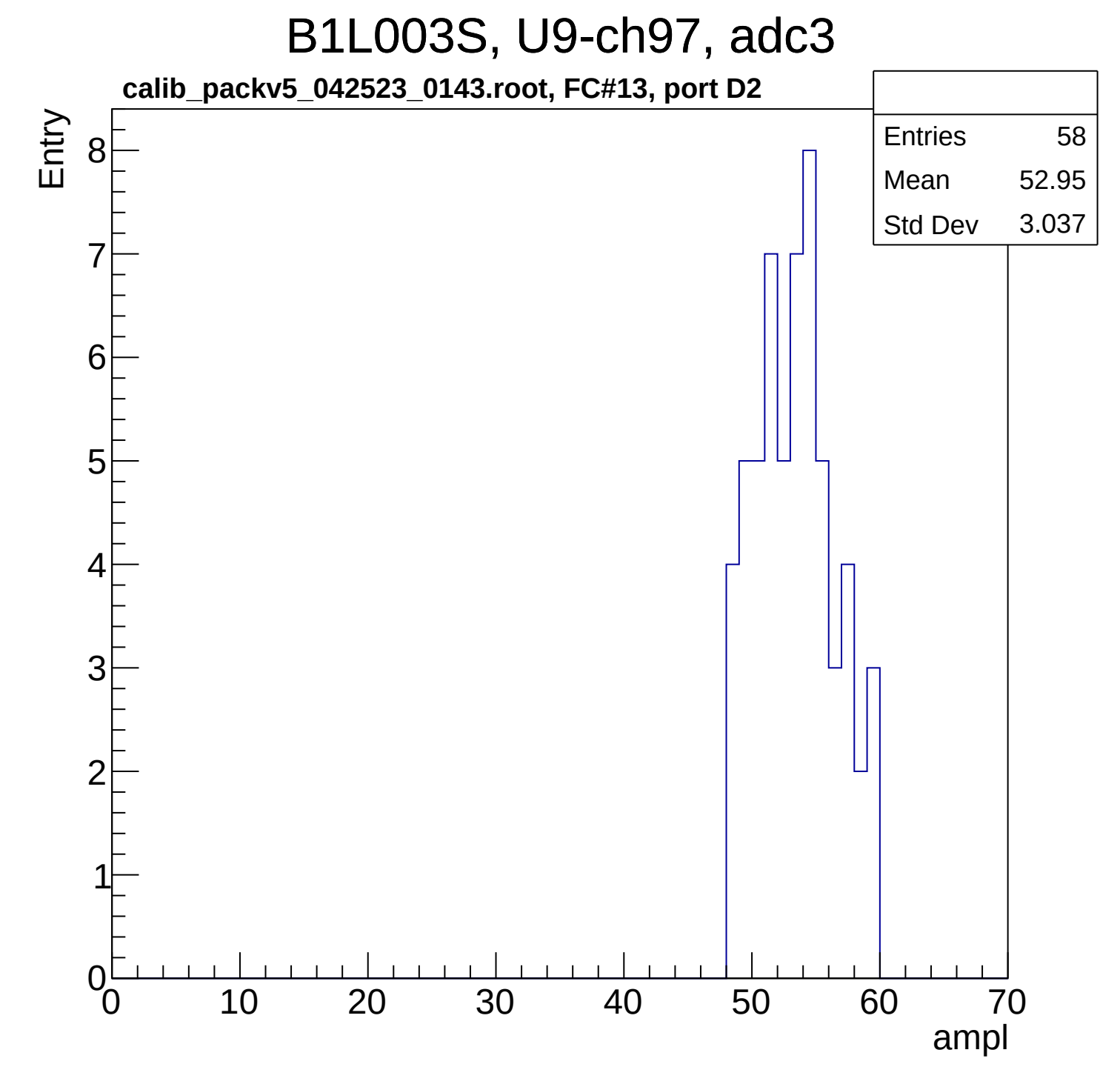

B1L003S, U9-ch97, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 46.1
Std Dev 2.989
Gaus mean : 46.6519
Gaus Width: 3.0455
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch97, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 52.95
Std Dev 3.037
Entry
ampl
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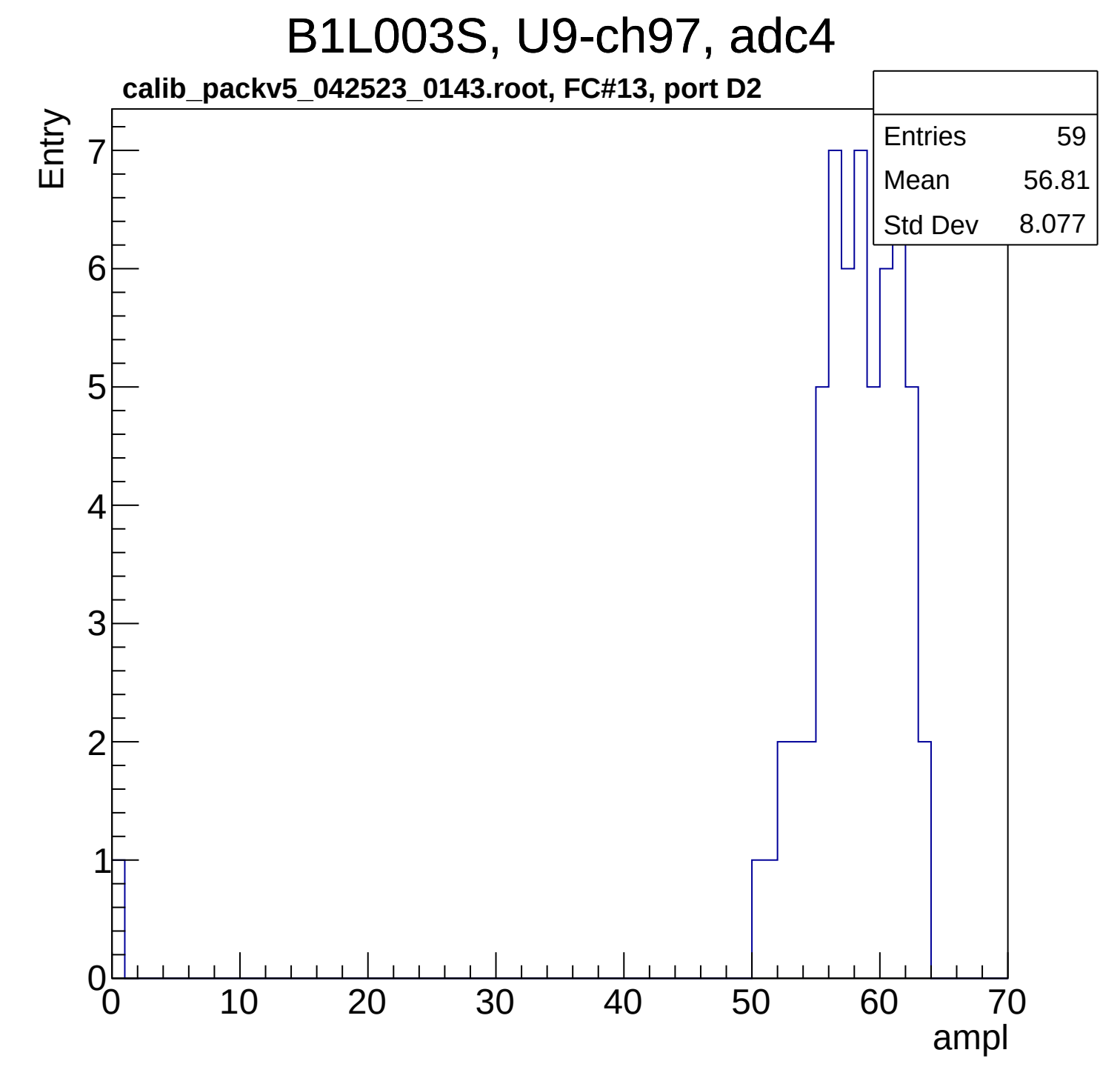
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch97, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 56.81
Std Dev 8.077
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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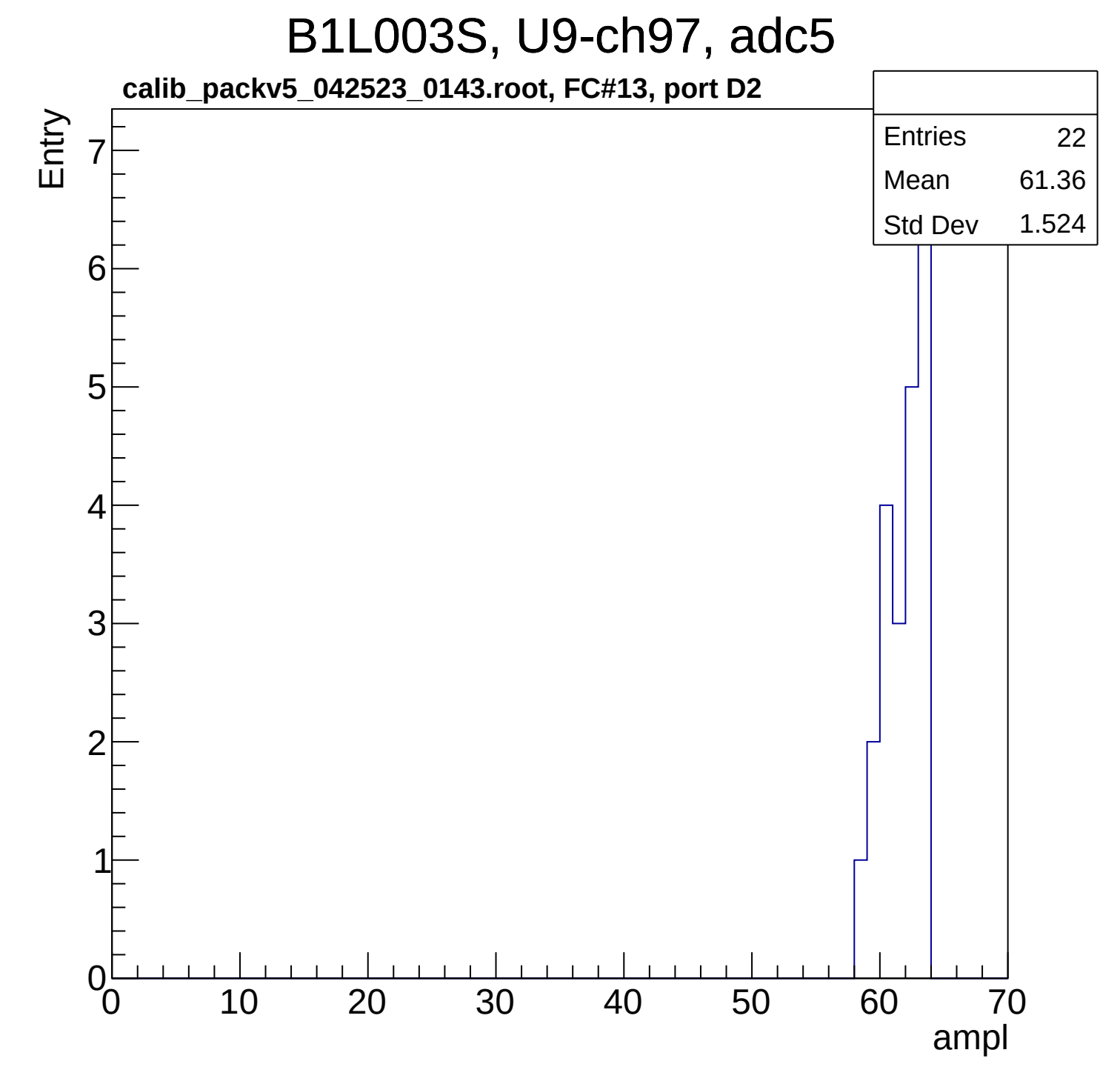
B1L003S, U9-ch97, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 22
Mean 61.36
Std Dev 1.524
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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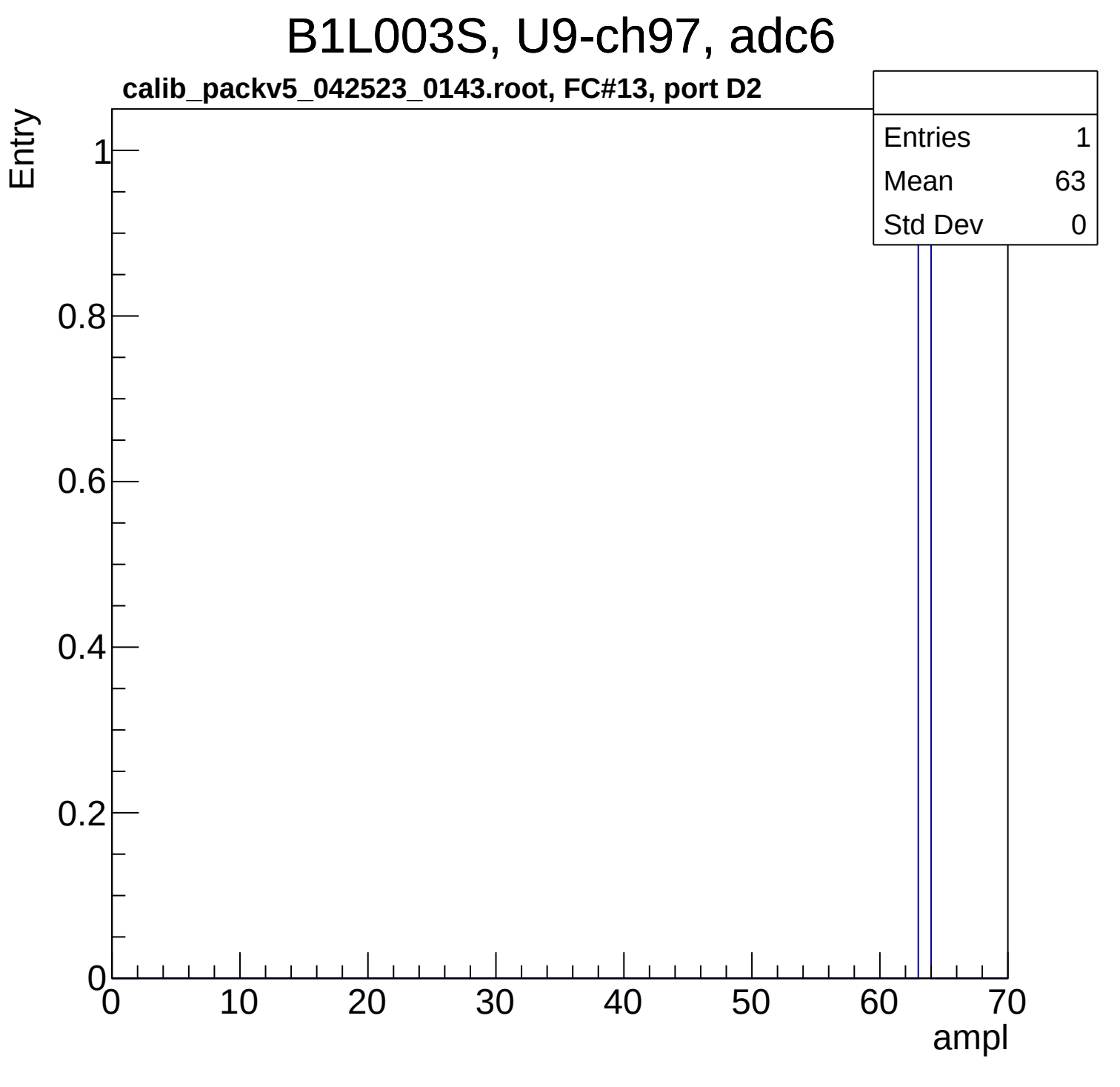
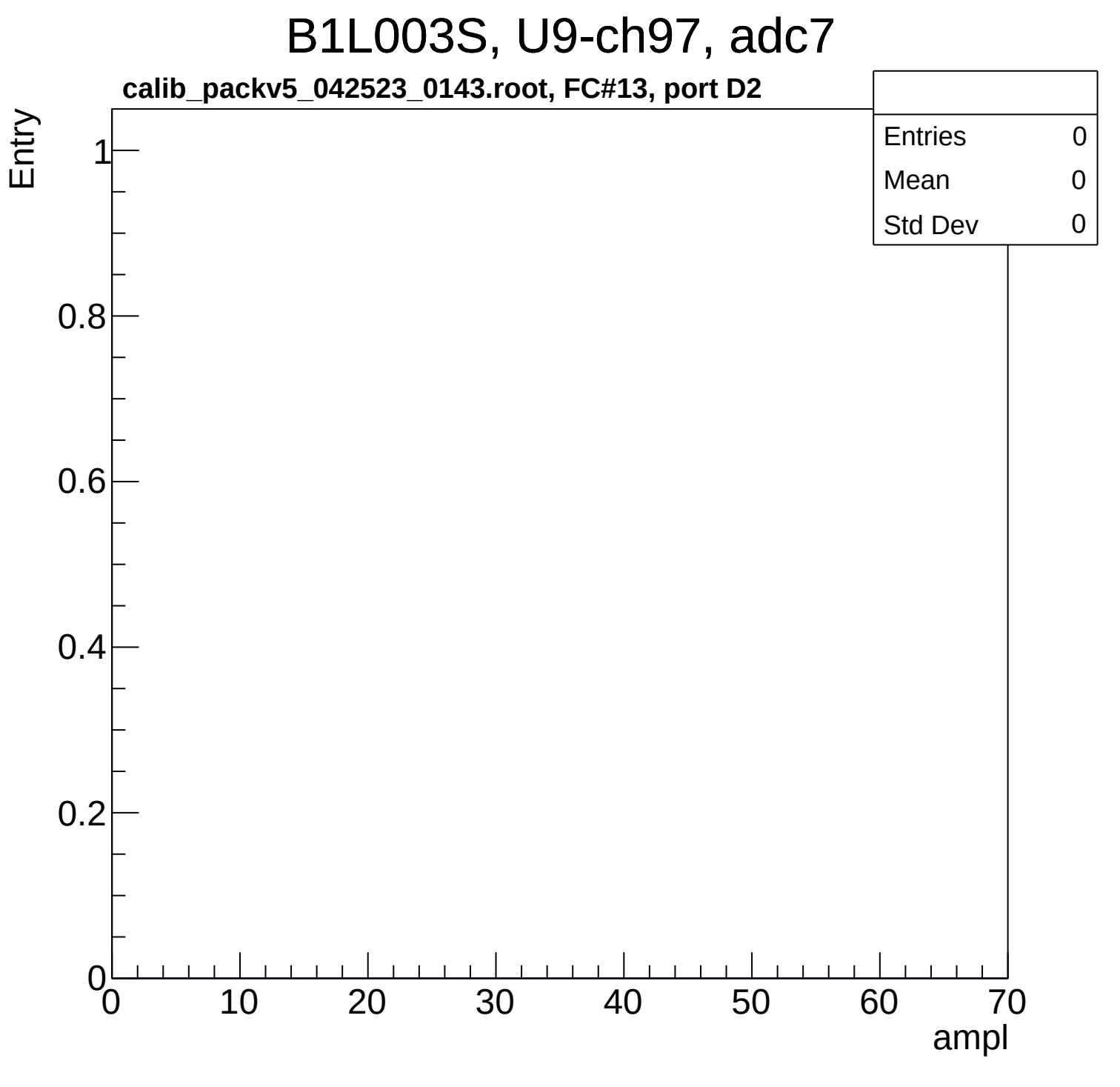
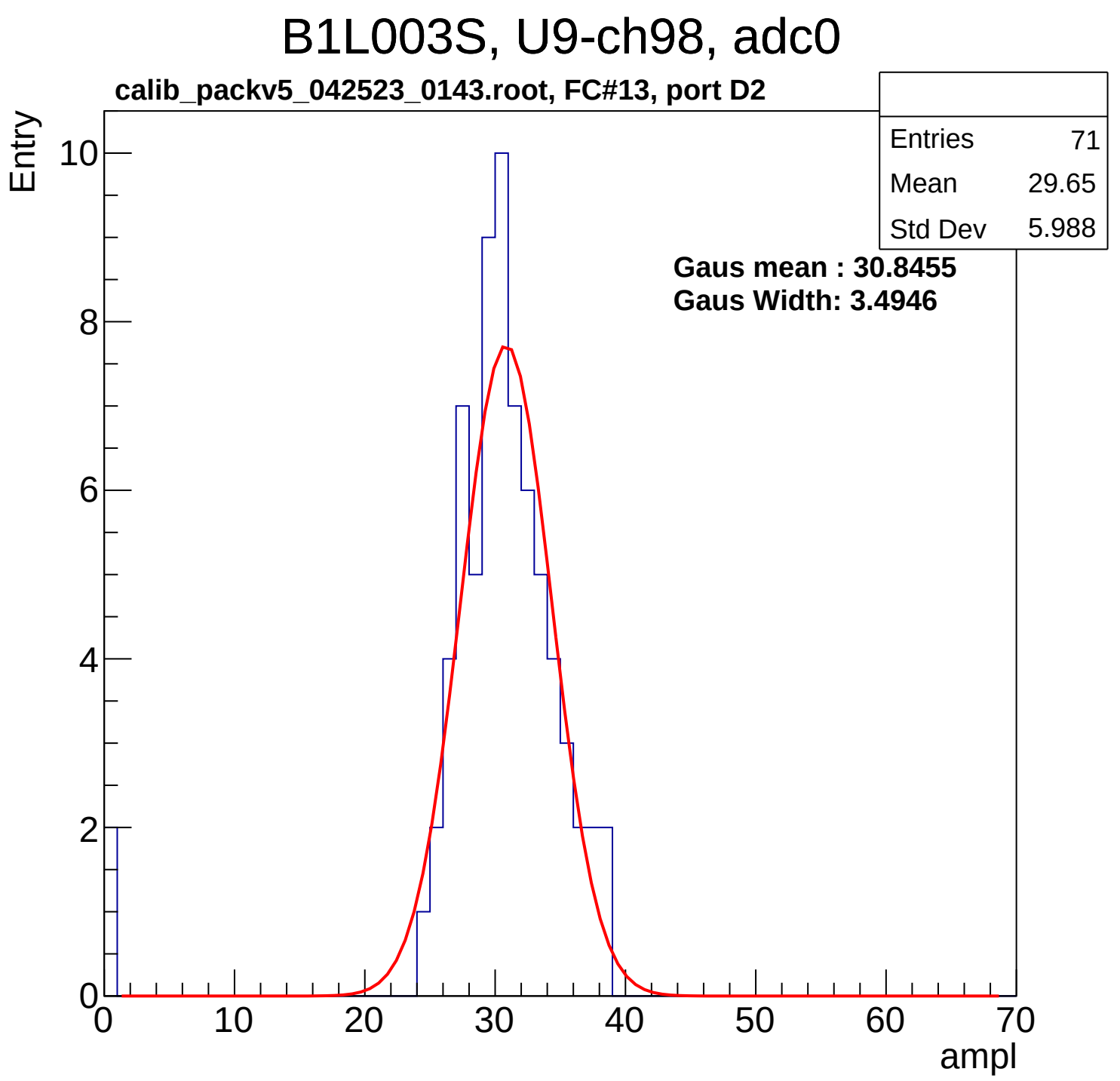
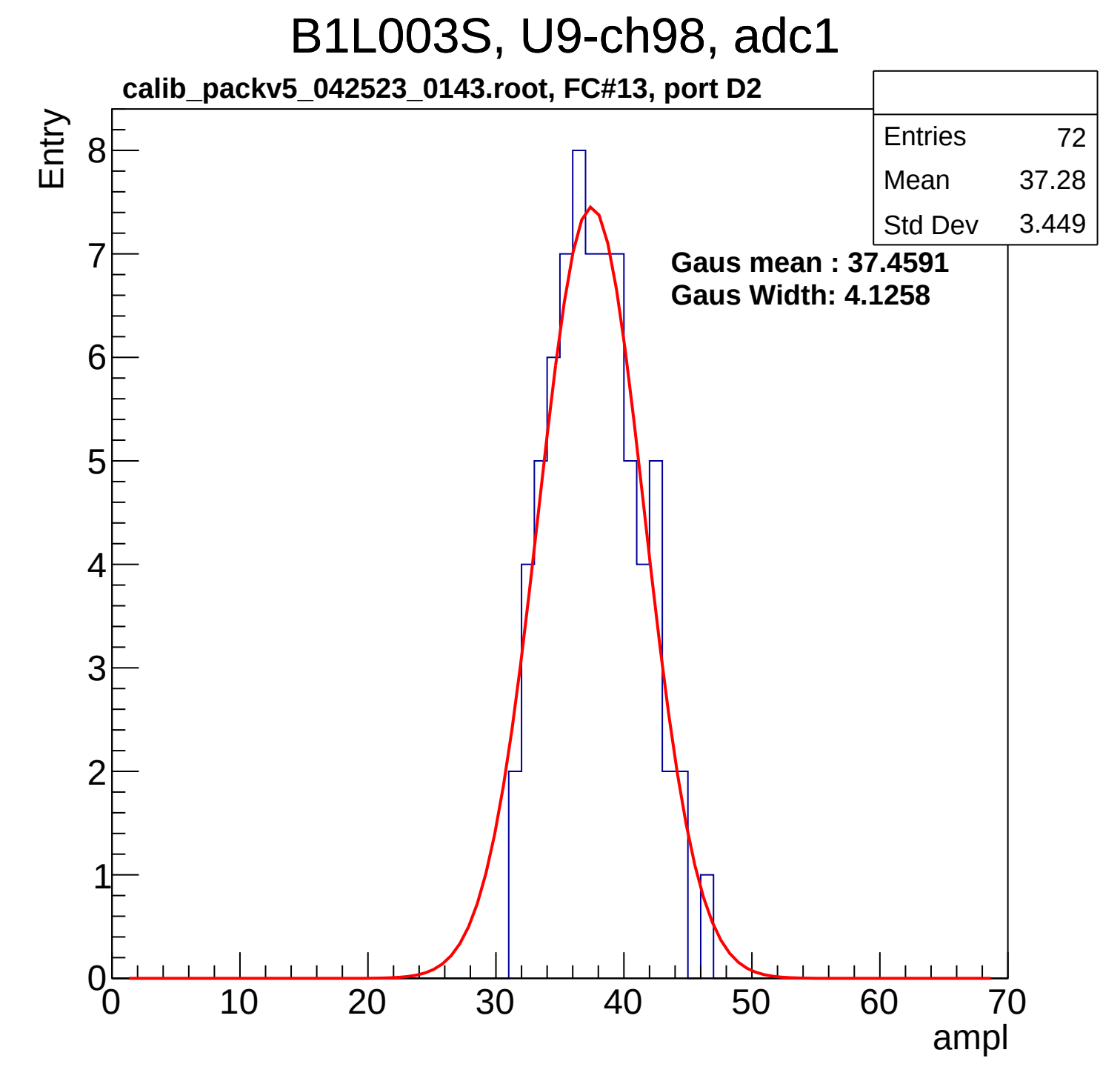

B1L003S, U9-ch97, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch97, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch98, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 29.65
Std Dev 5.988
Gaus mean : 30.8455
Gaus Width: 3.4946
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch98, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 37.28
Std Dev 3.449
Gaus mean : 37.4591
Gaus Width: 4.1258
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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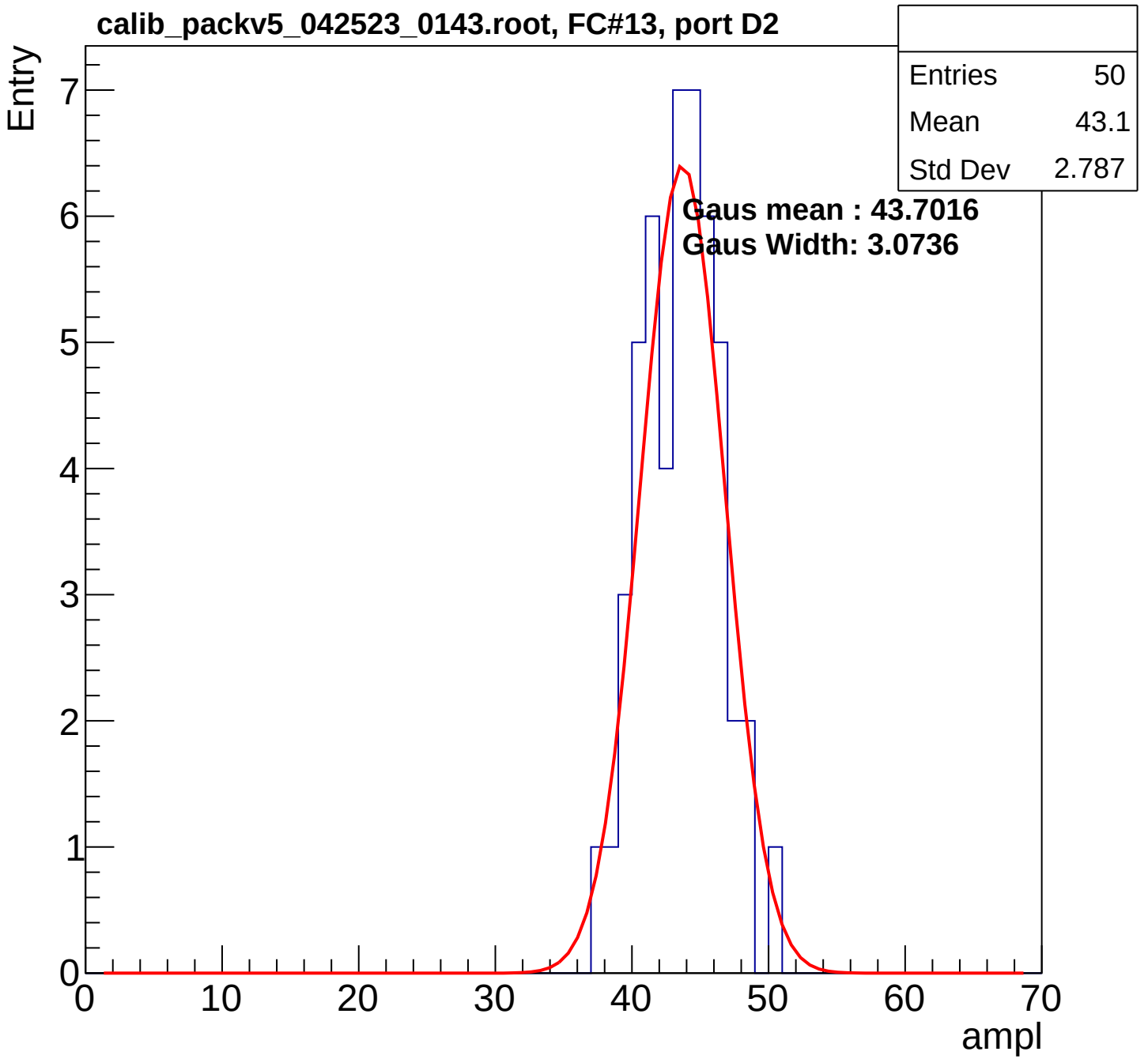
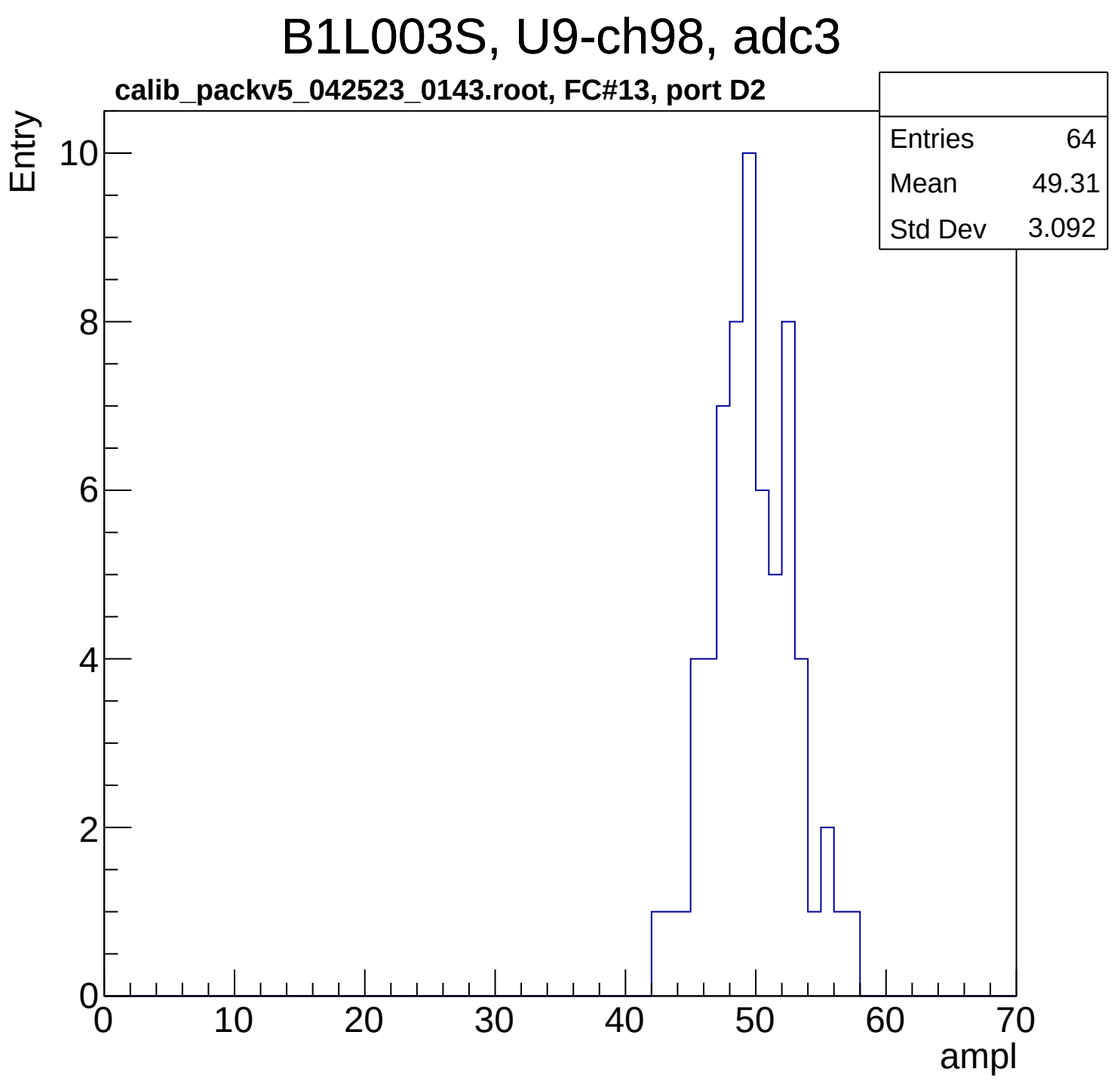
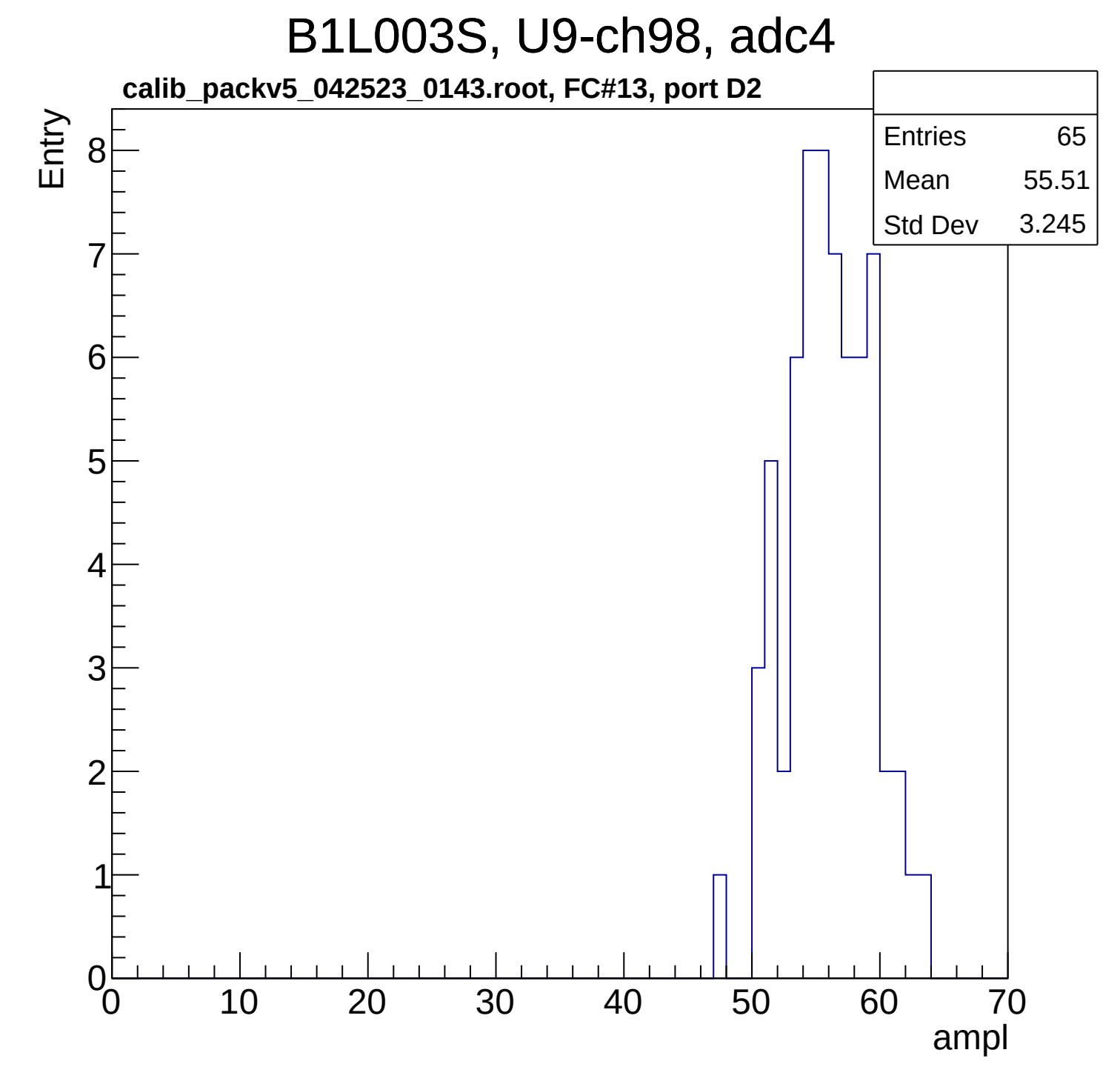

B1L003S, U9-ch98, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 43.1
Std Dev 2.787
Gaus mean : 43.7016
Gaus Width: 3.0736
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch98, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 49.31
Std Dev 3.092
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch98, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 55.51
Std Dev 3.245
Entry
ampl
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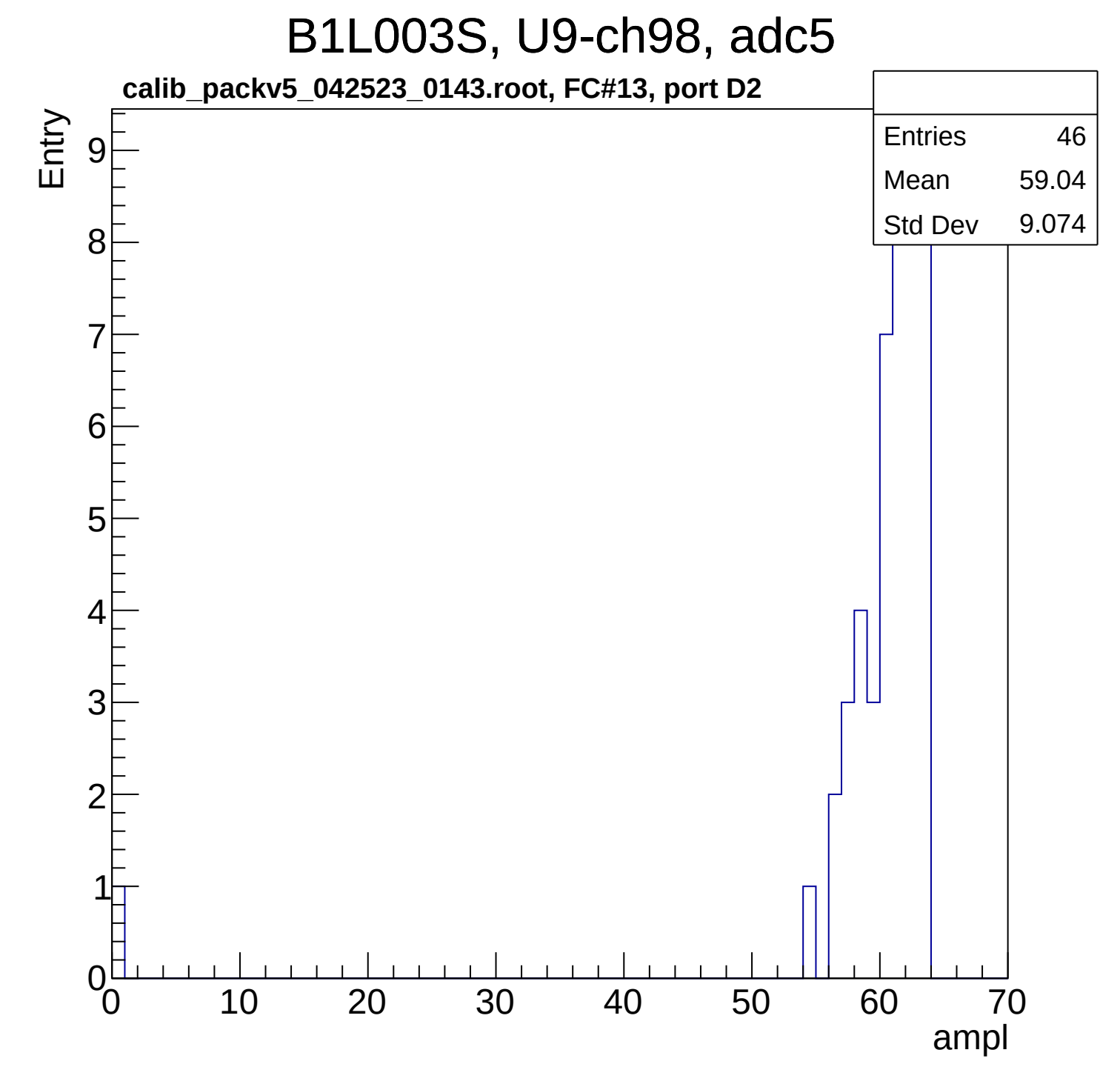
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch98, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 59.04
Std Dev 9.074
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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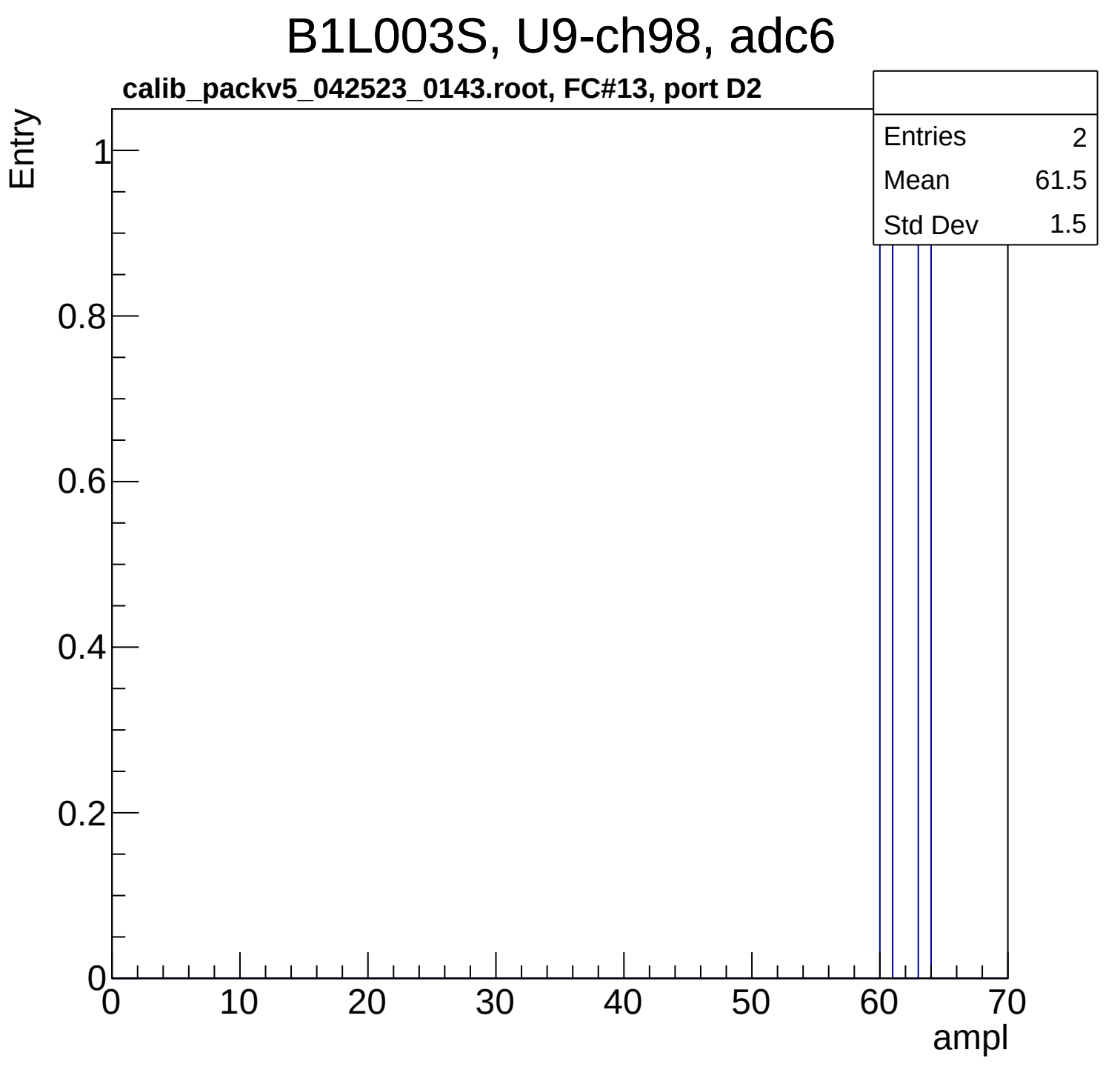
B1L003S, U9-ch98, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 61.5
Std Dev 1.5
Entry
ampl
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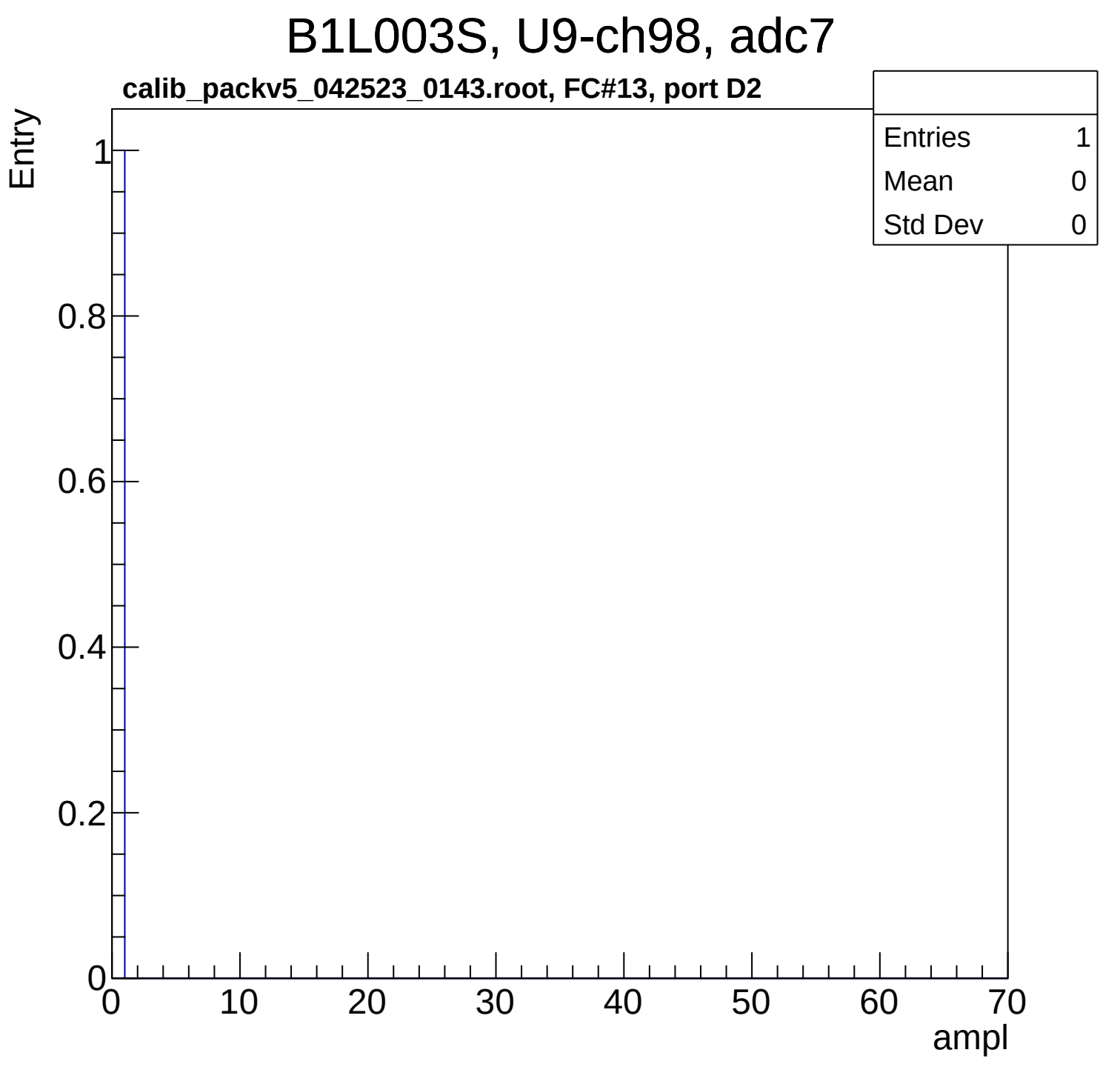
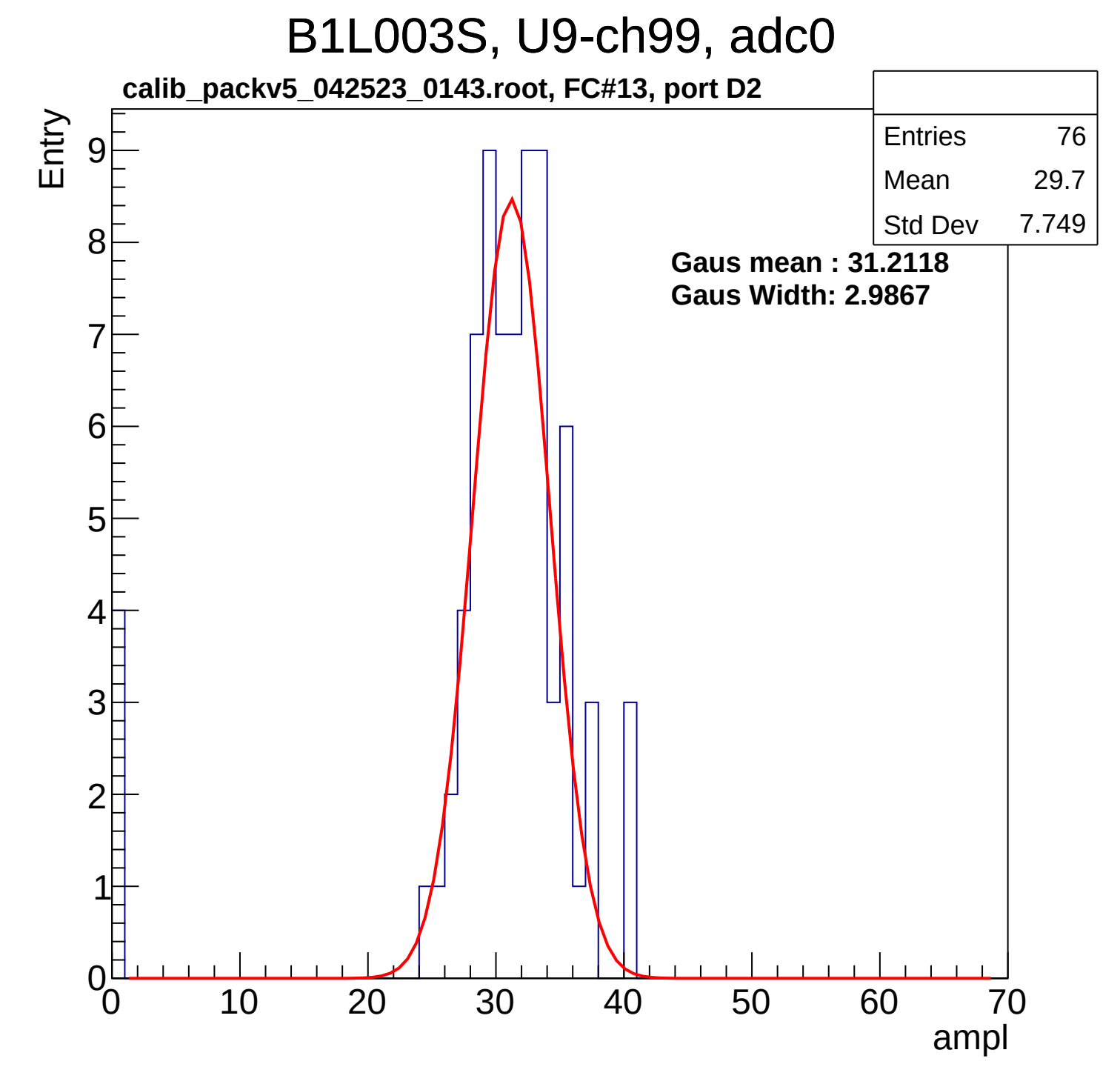
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L003S, U9-ch98, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch99, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 29.7
Std Dev 7.749
Gaus mean : 31.2118
Gaus Width: 2.9867
Entry
ampl
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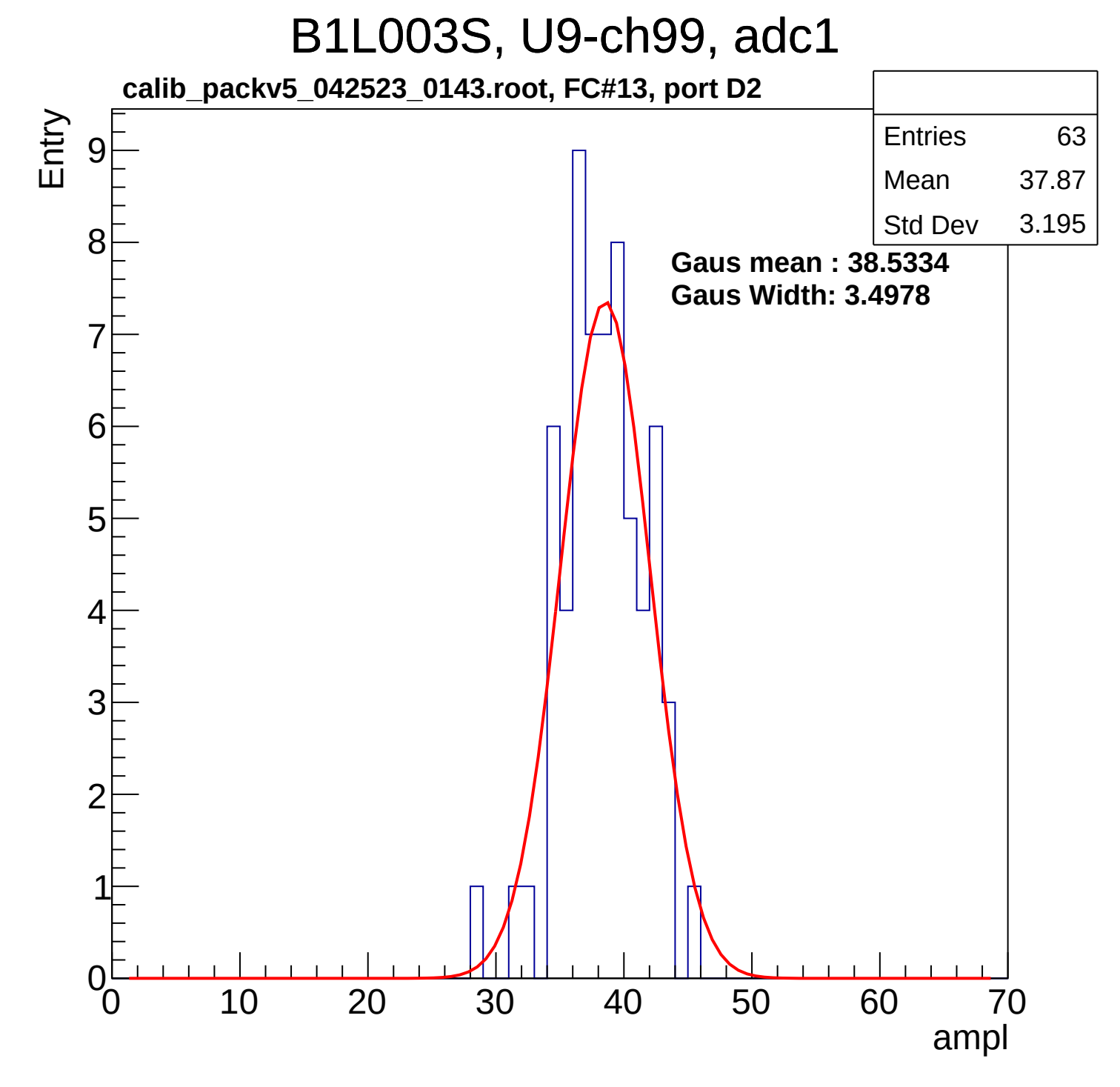
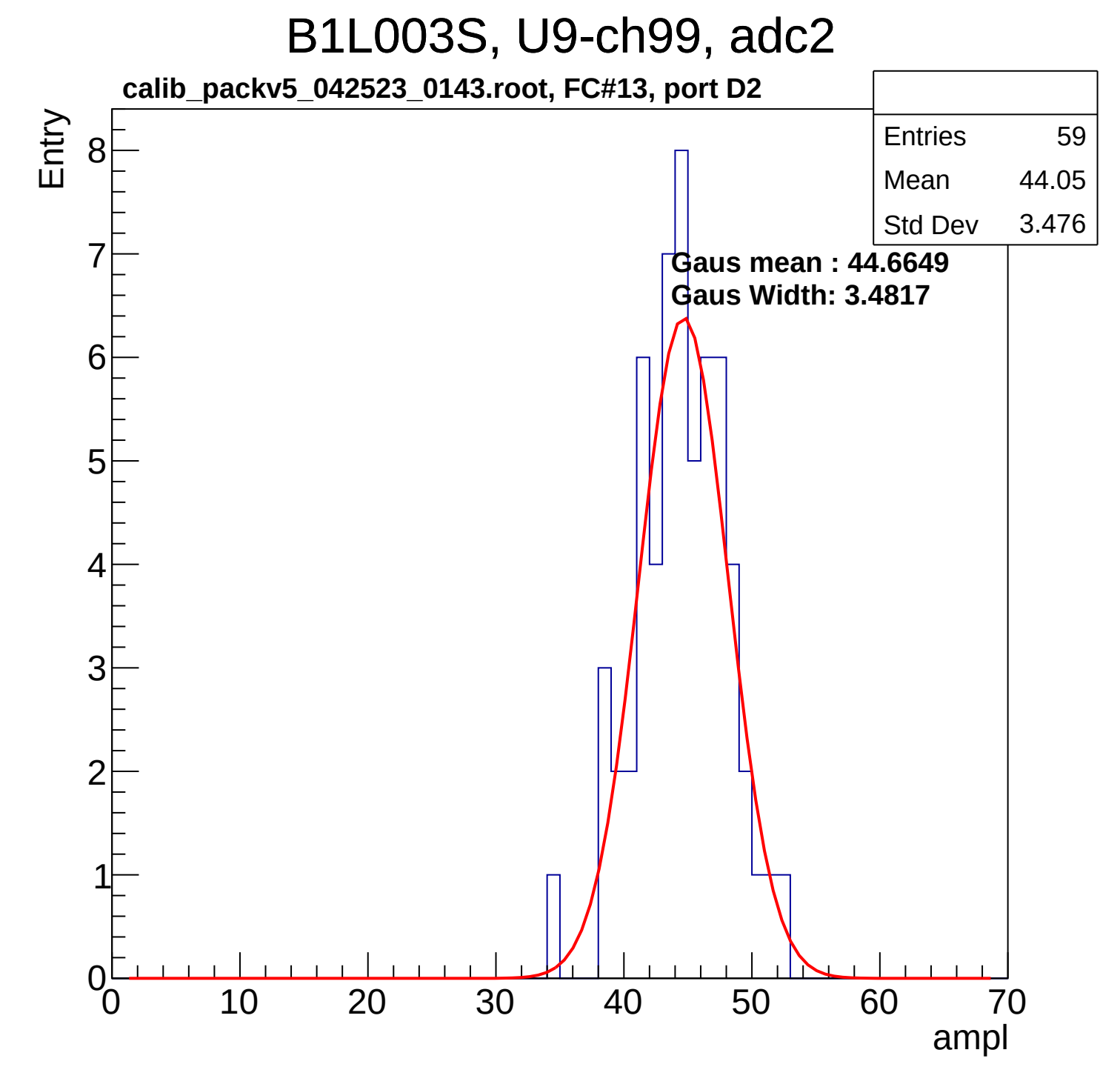
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch99, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 37.87
Std Dev 3.195
Gaus mean : 38.5334
Gaus Width: 3.4978
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch99, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 44.05
Std Dev 3.476
Gaus mean : 44.6649
Gaus Width: 3.4817
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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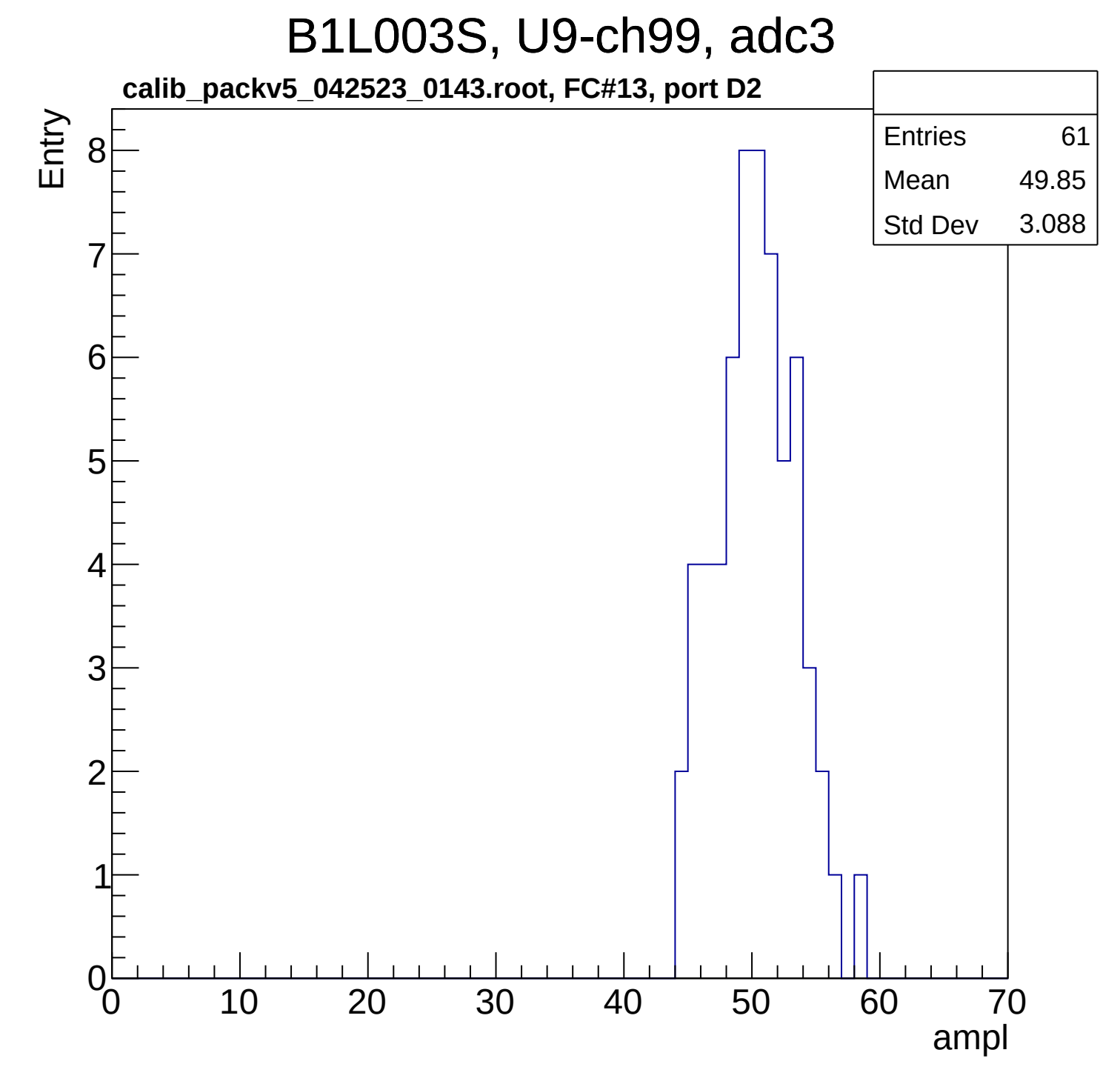
B1L003S, U9-ch99, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 49.85
Std Dev 3.088
Entry
0
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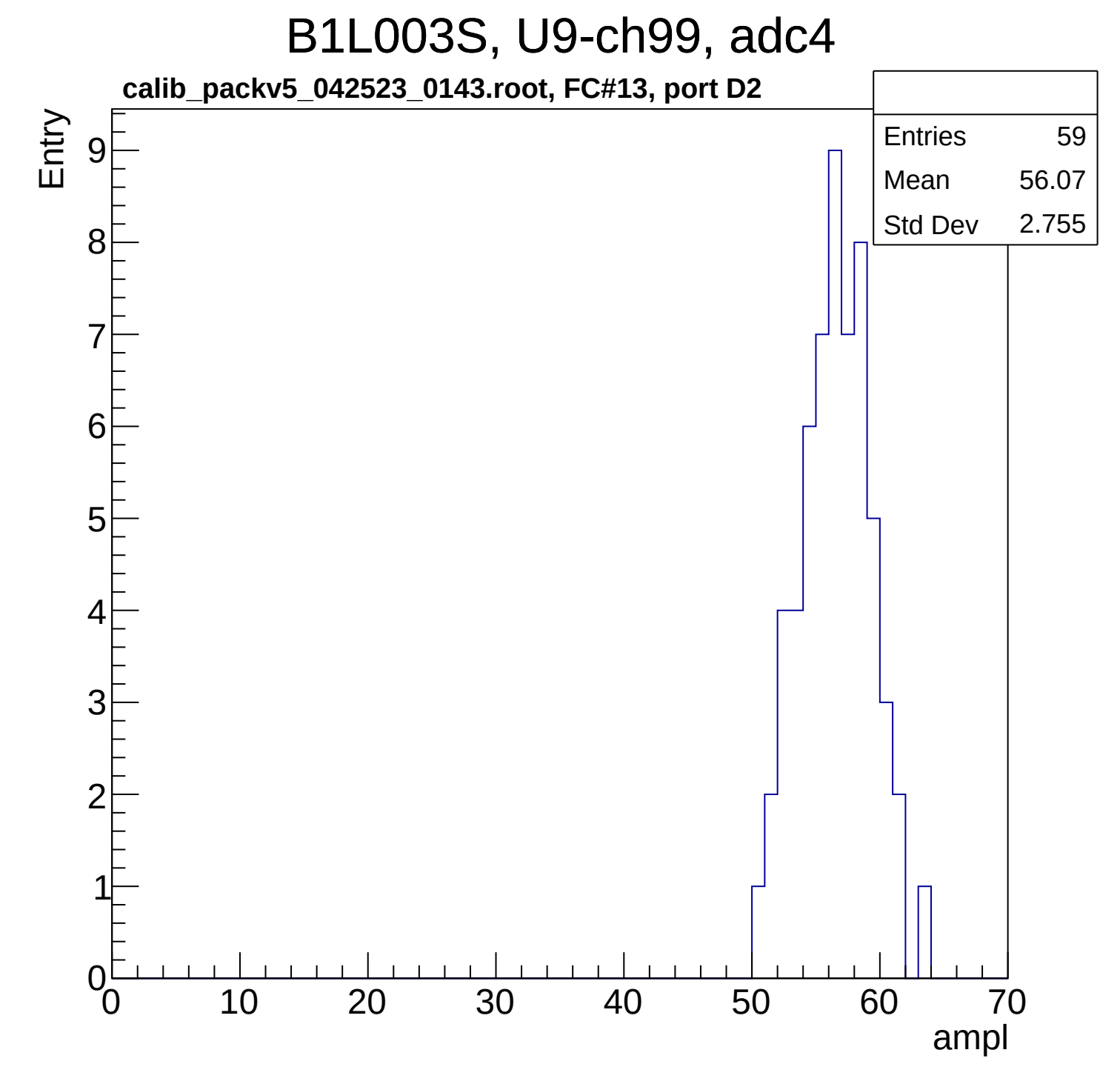
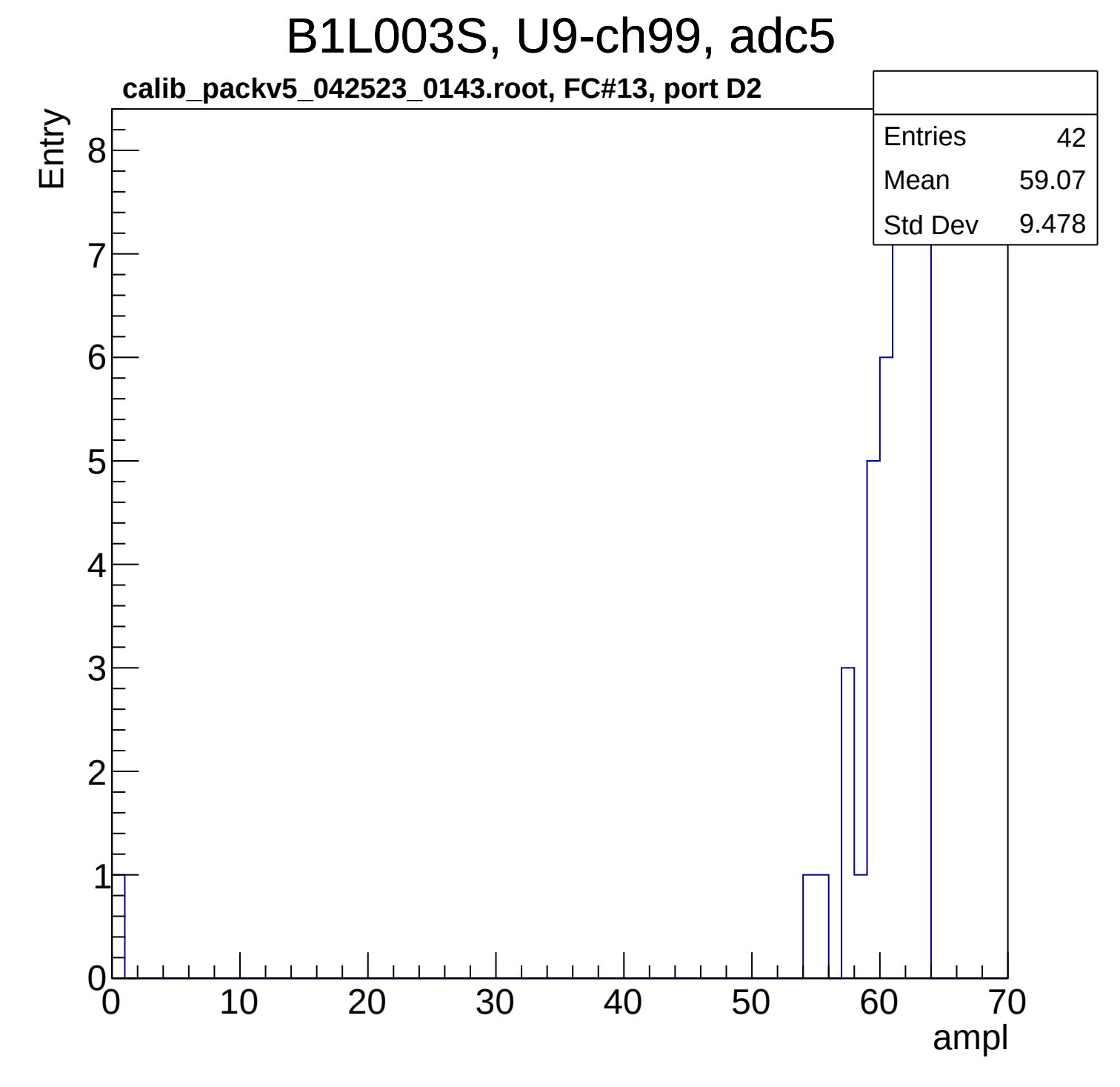
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch99, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 56.07
Std Dev 2.755
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch99, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 59.07
Std Dev 9.478
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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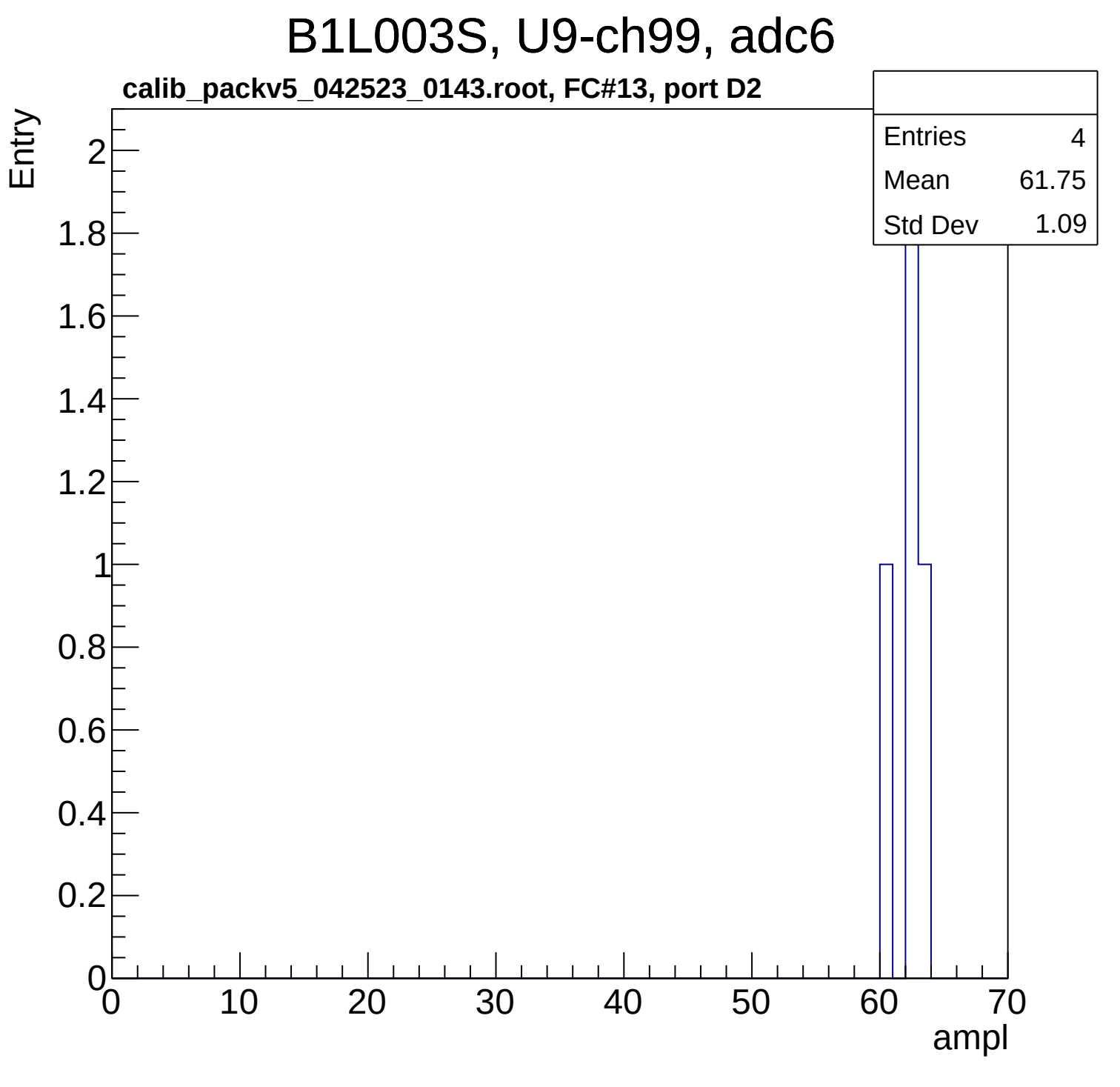
B1L003S, U9-ch99, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.75
Std Dev 1.09
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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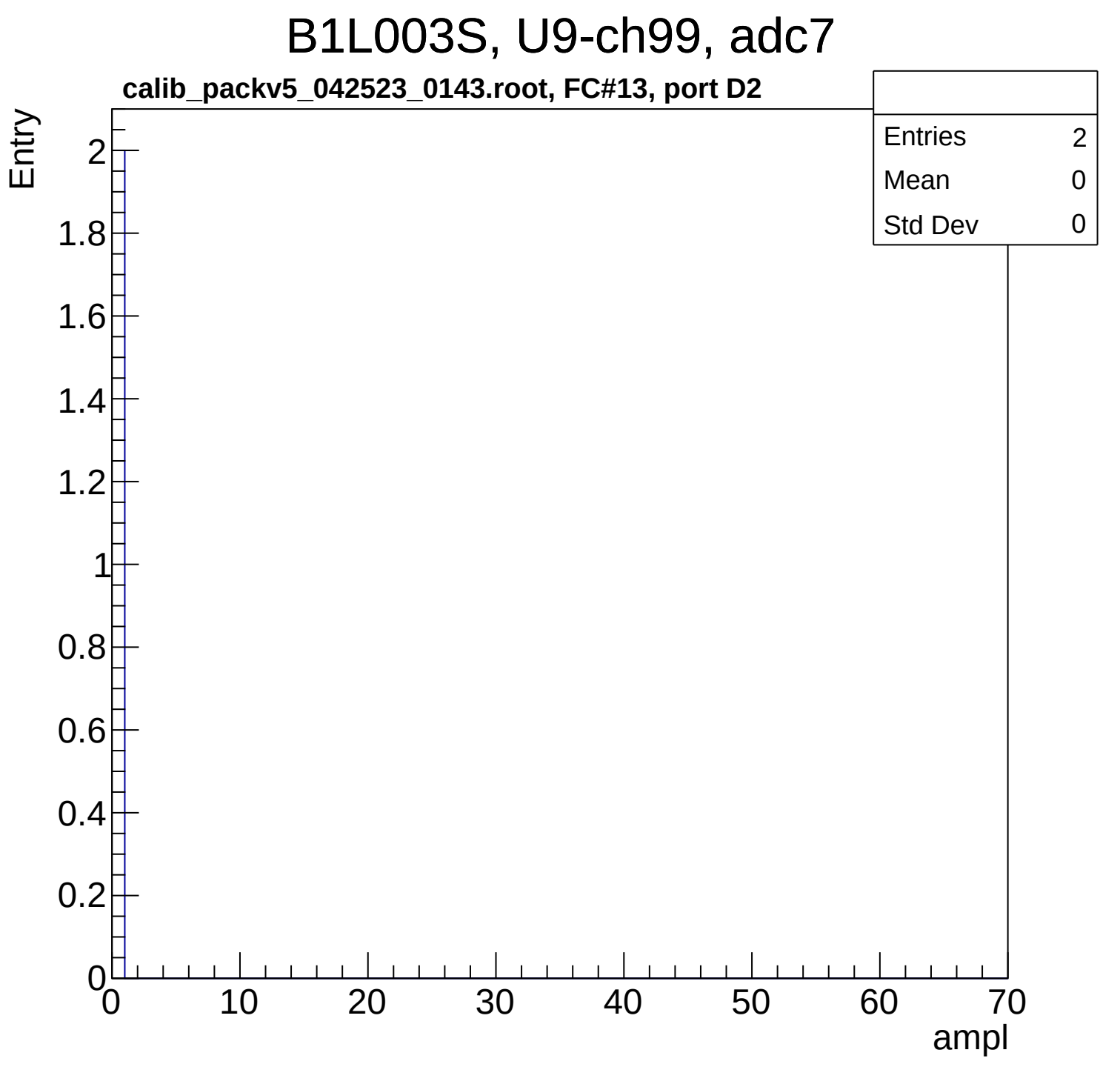
B1L003S, U9-ch99, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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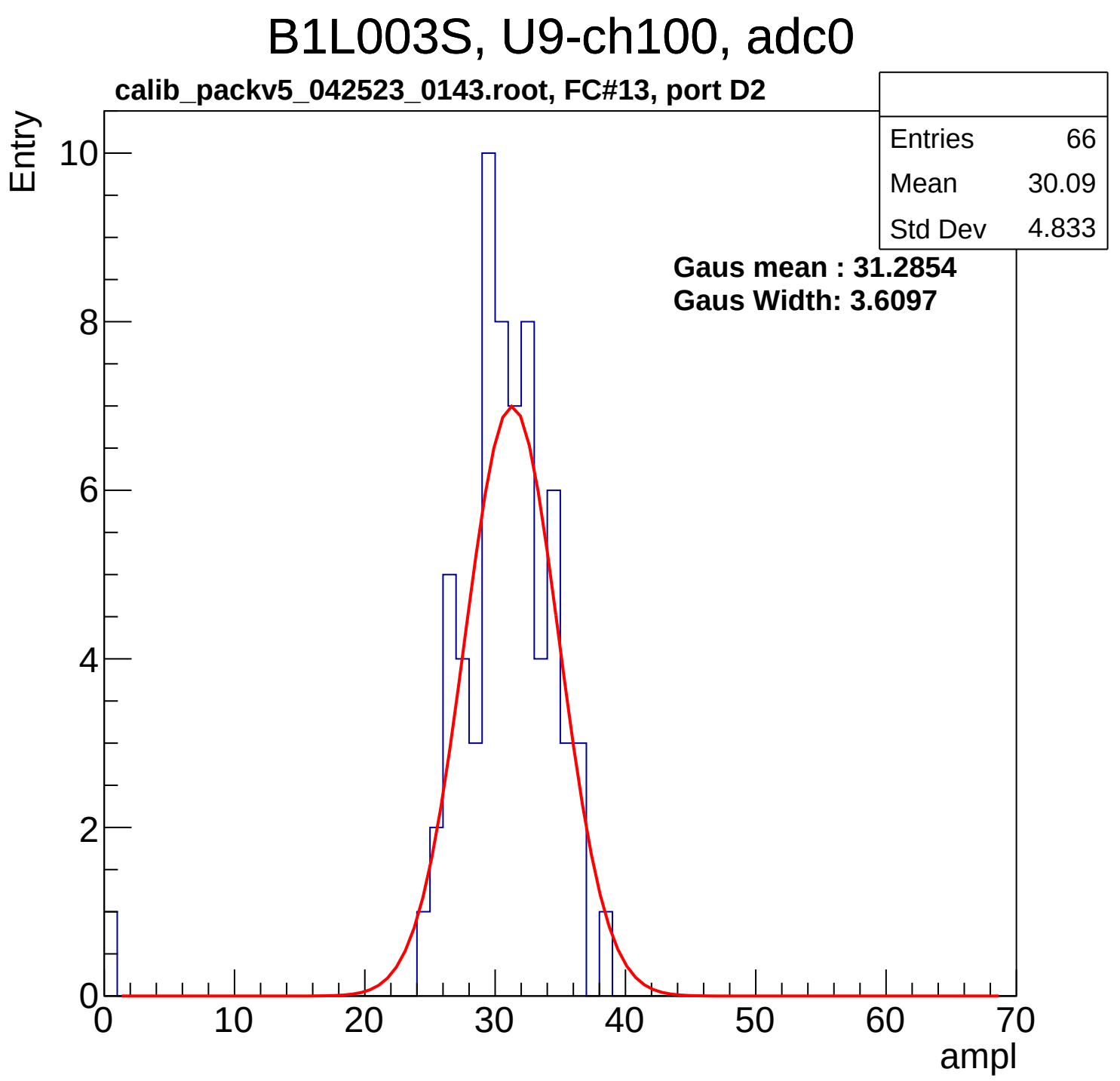
B1L003S, U9-ch100, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 30.09
Std Dev 4.833
Gaus mean : 31.2854
Gaus Width: 3.6097
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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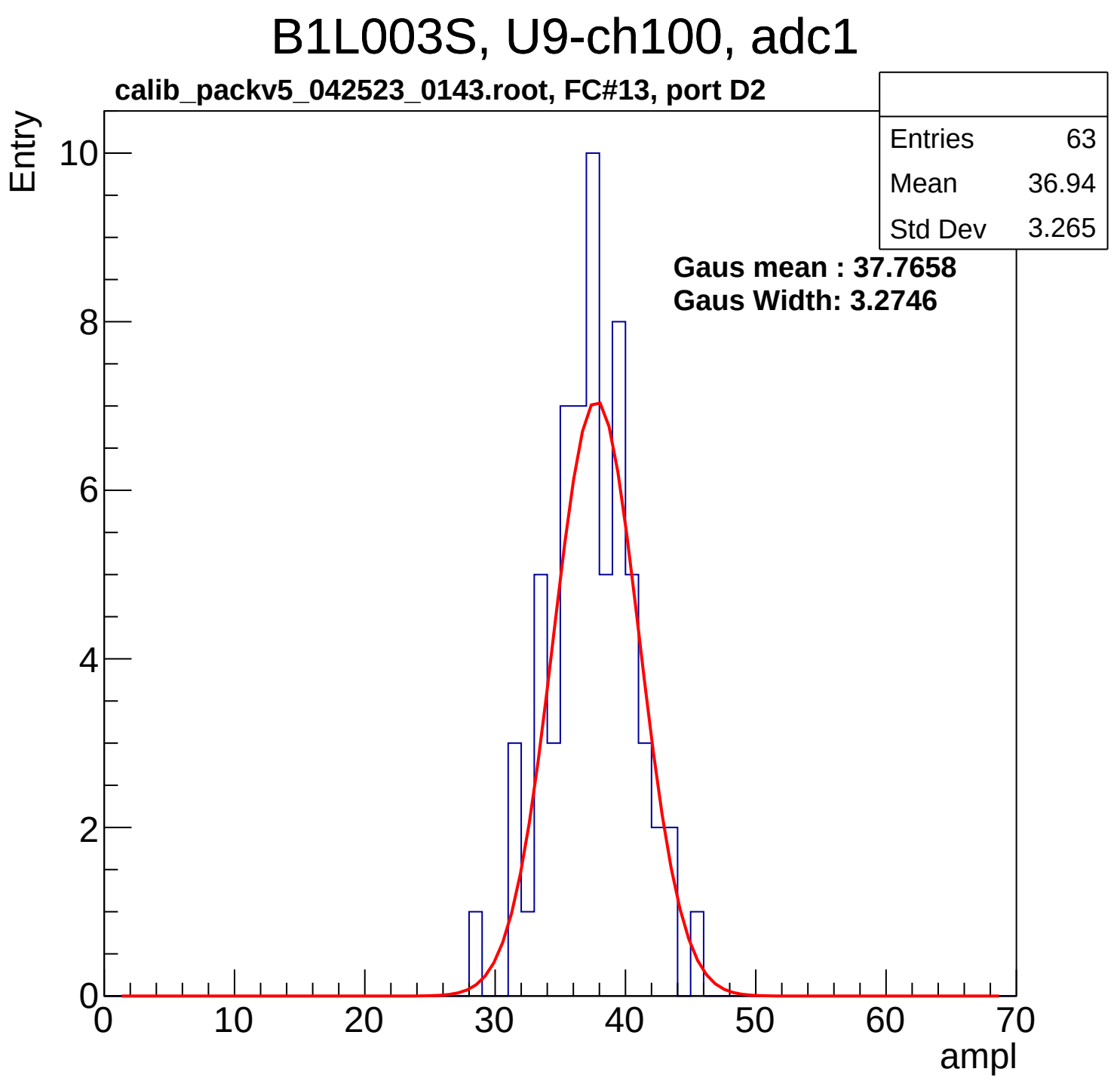
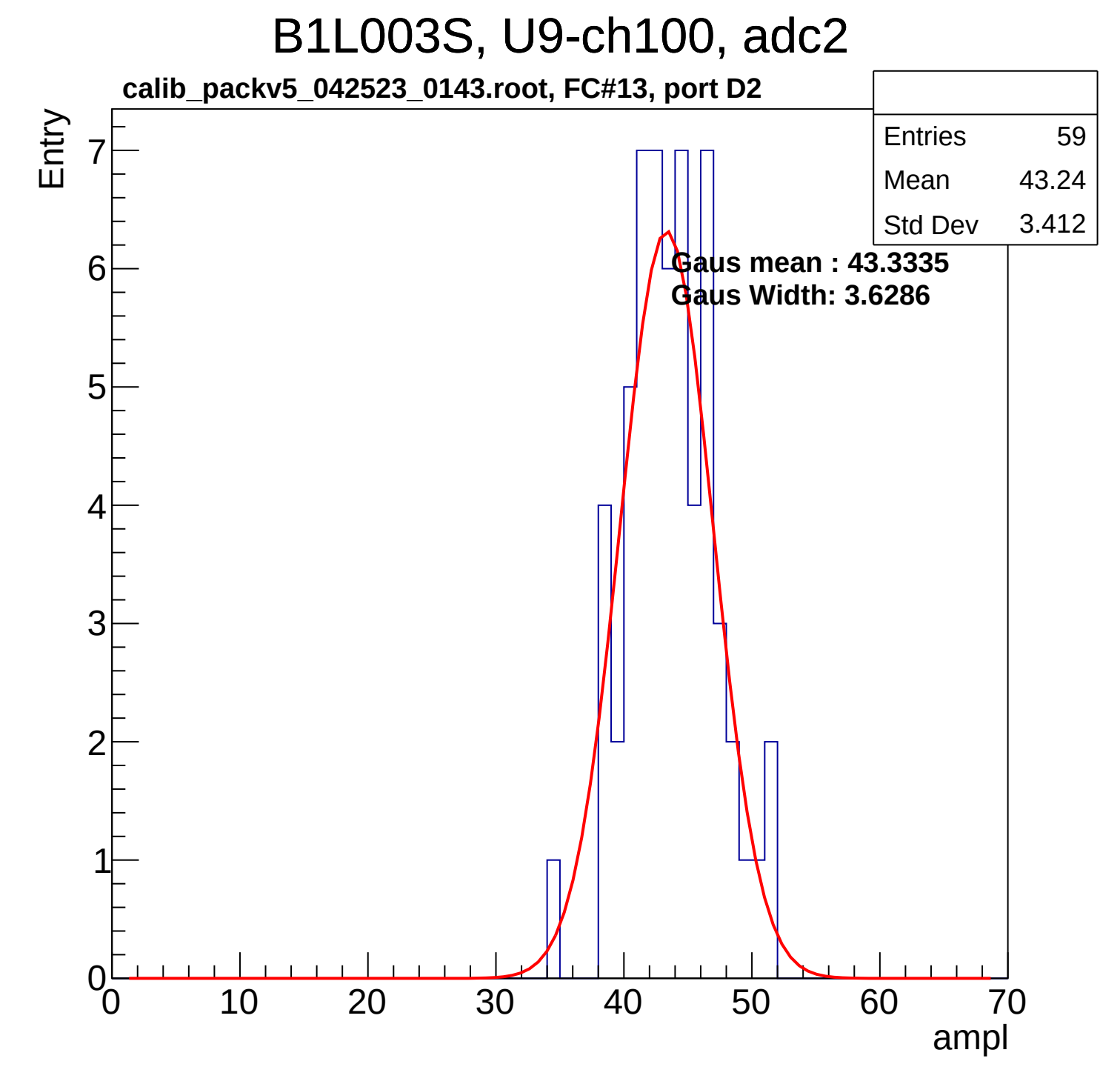

B1L003S, U9-ch100, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 36.94
Std Dev 3.265
Gaus mean : 37.7658
Gaus Width: 3.2746
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch100, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 43.24
Std Dev 3.412
Gaus mean : 43.3335
Gaus Width: 3.6286
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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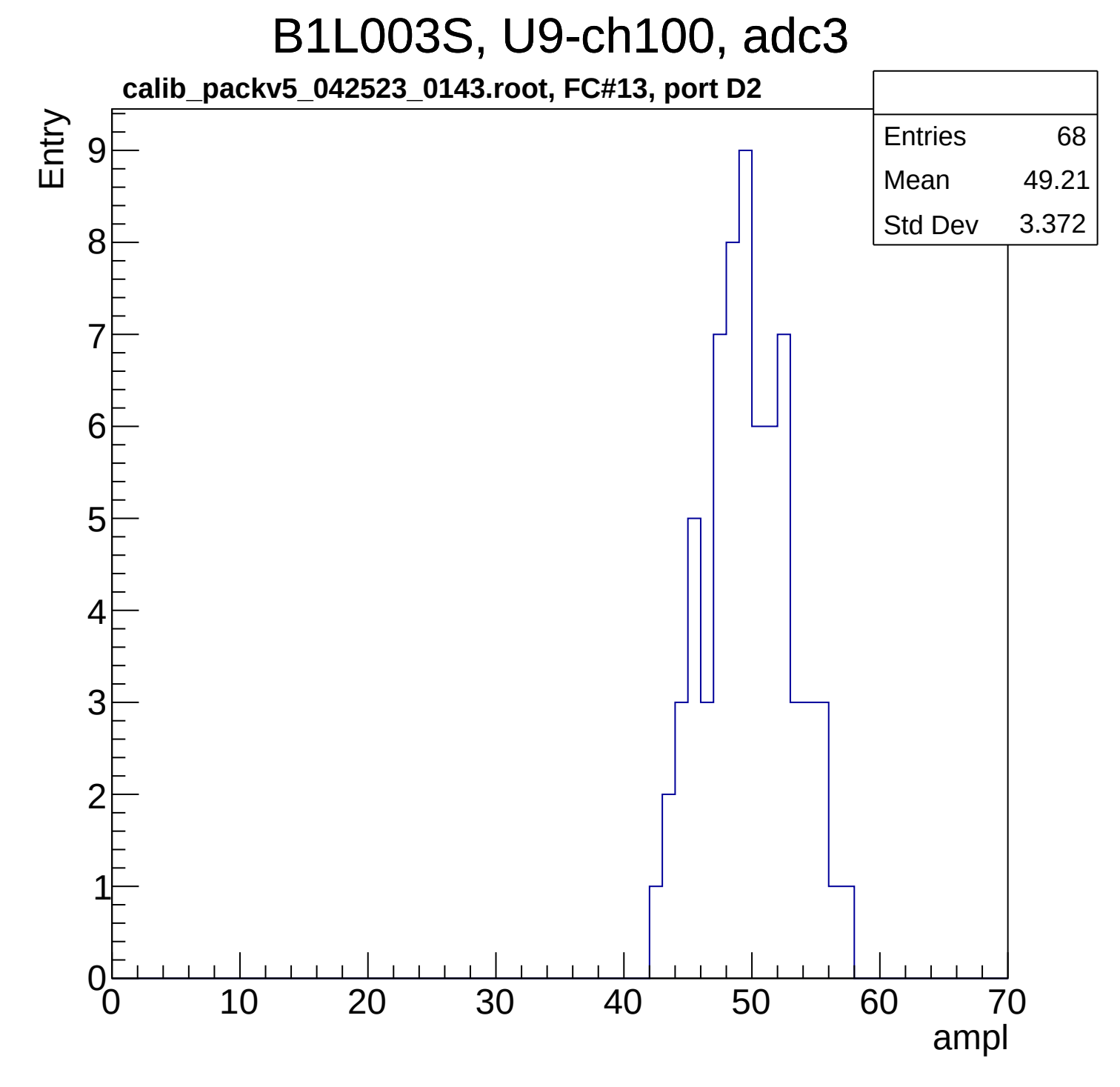
B1L003S, U9-ch100, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 49.21
Std Dev 3.372
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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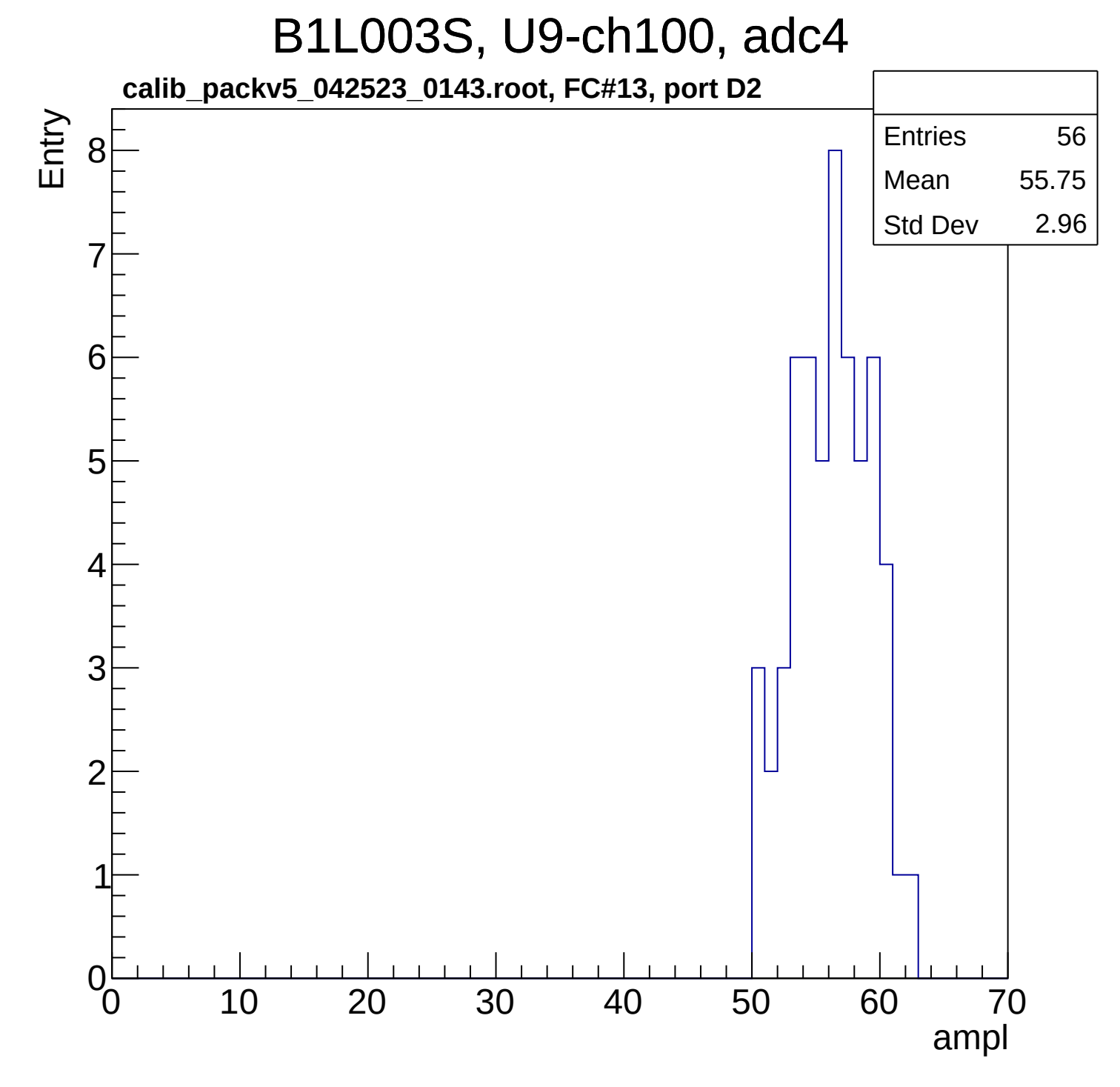
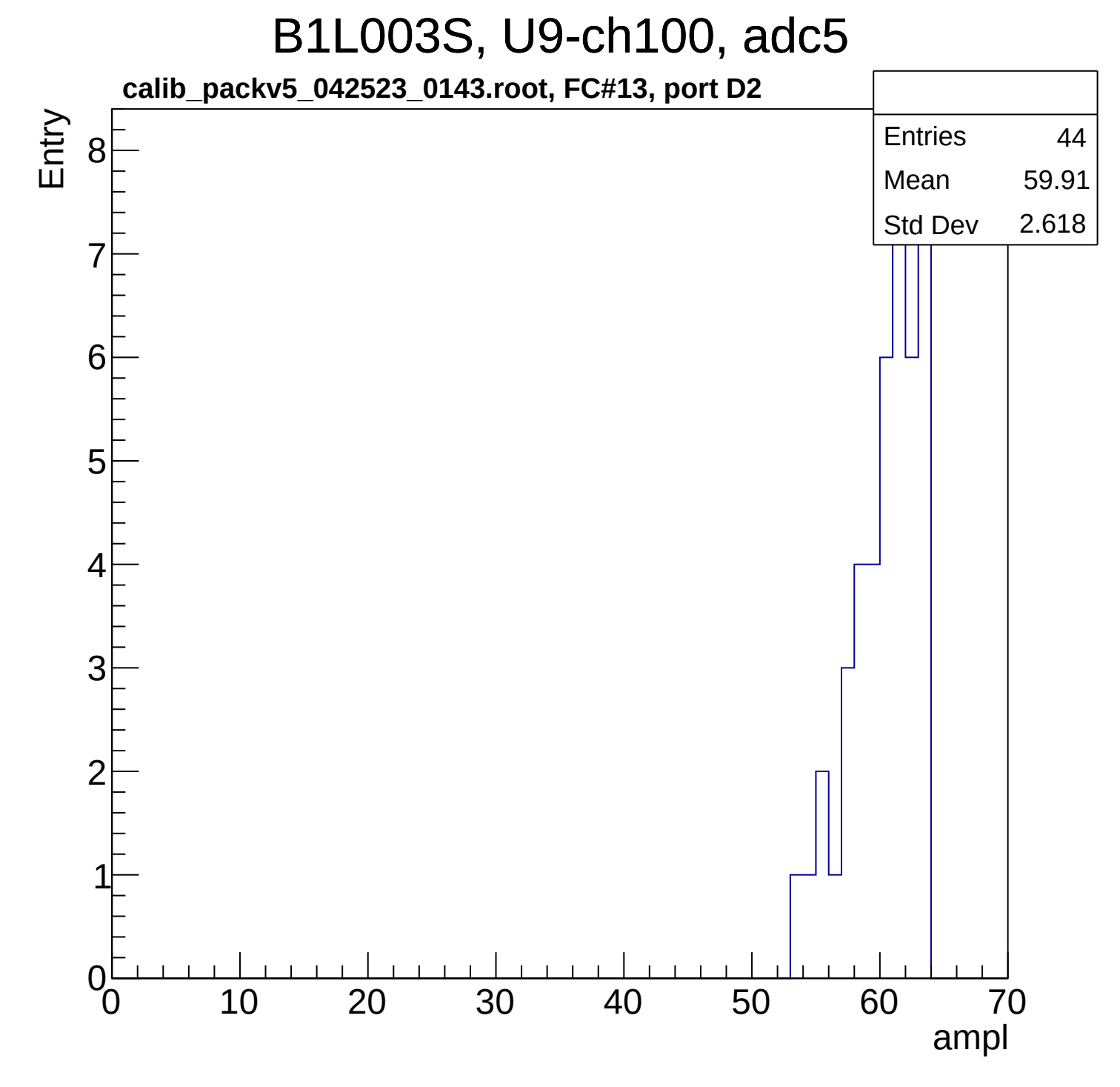
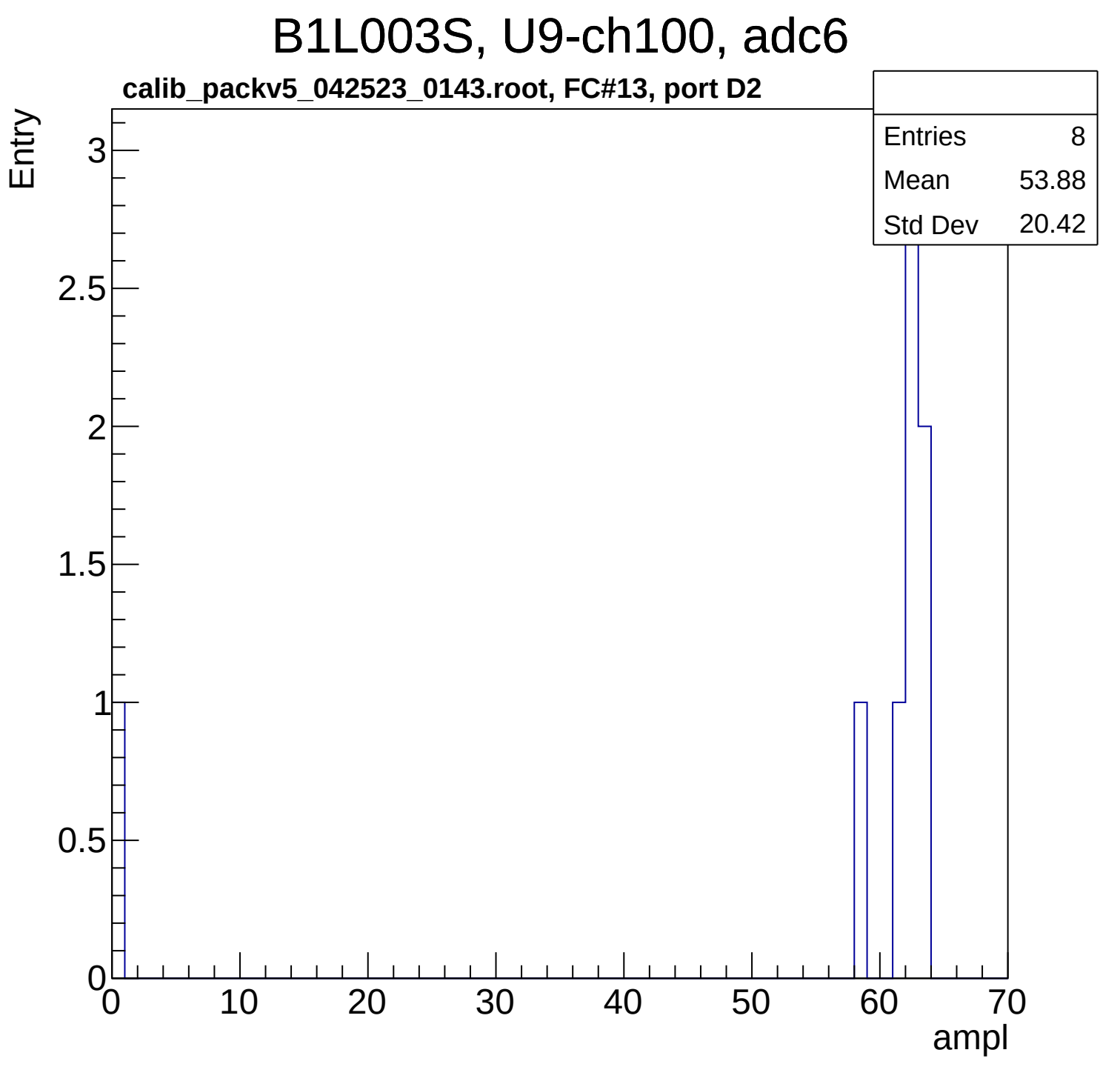
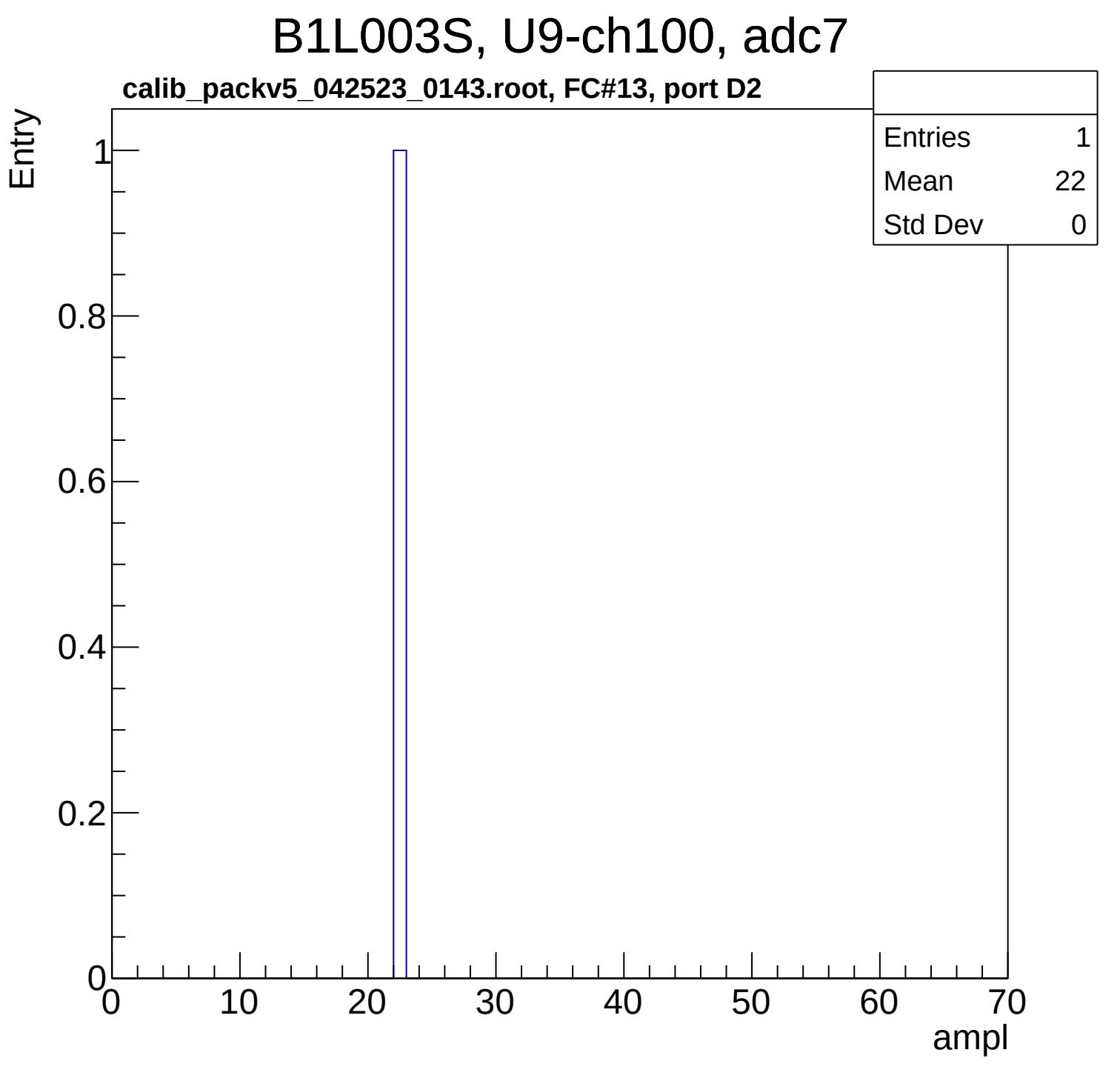
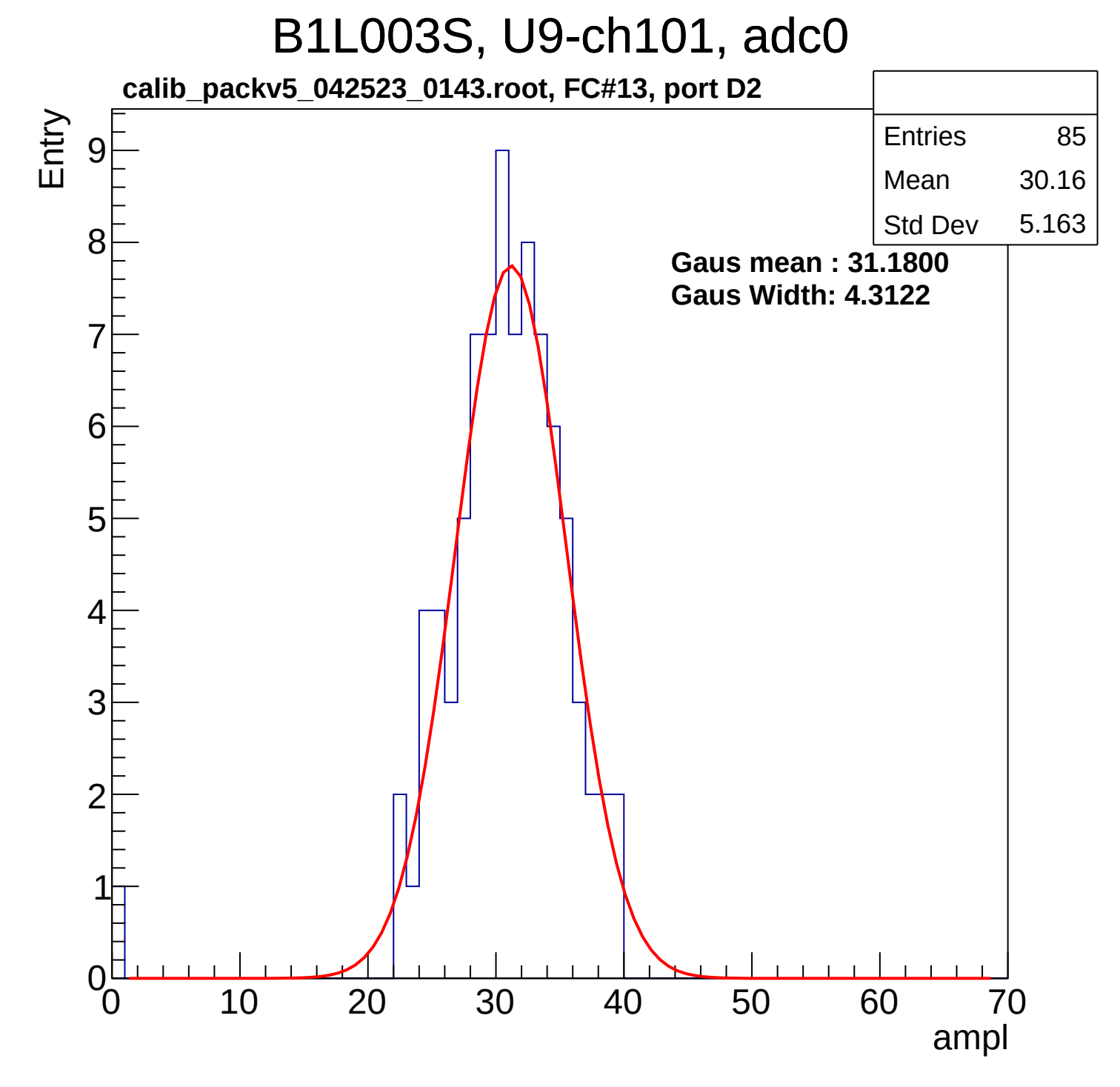
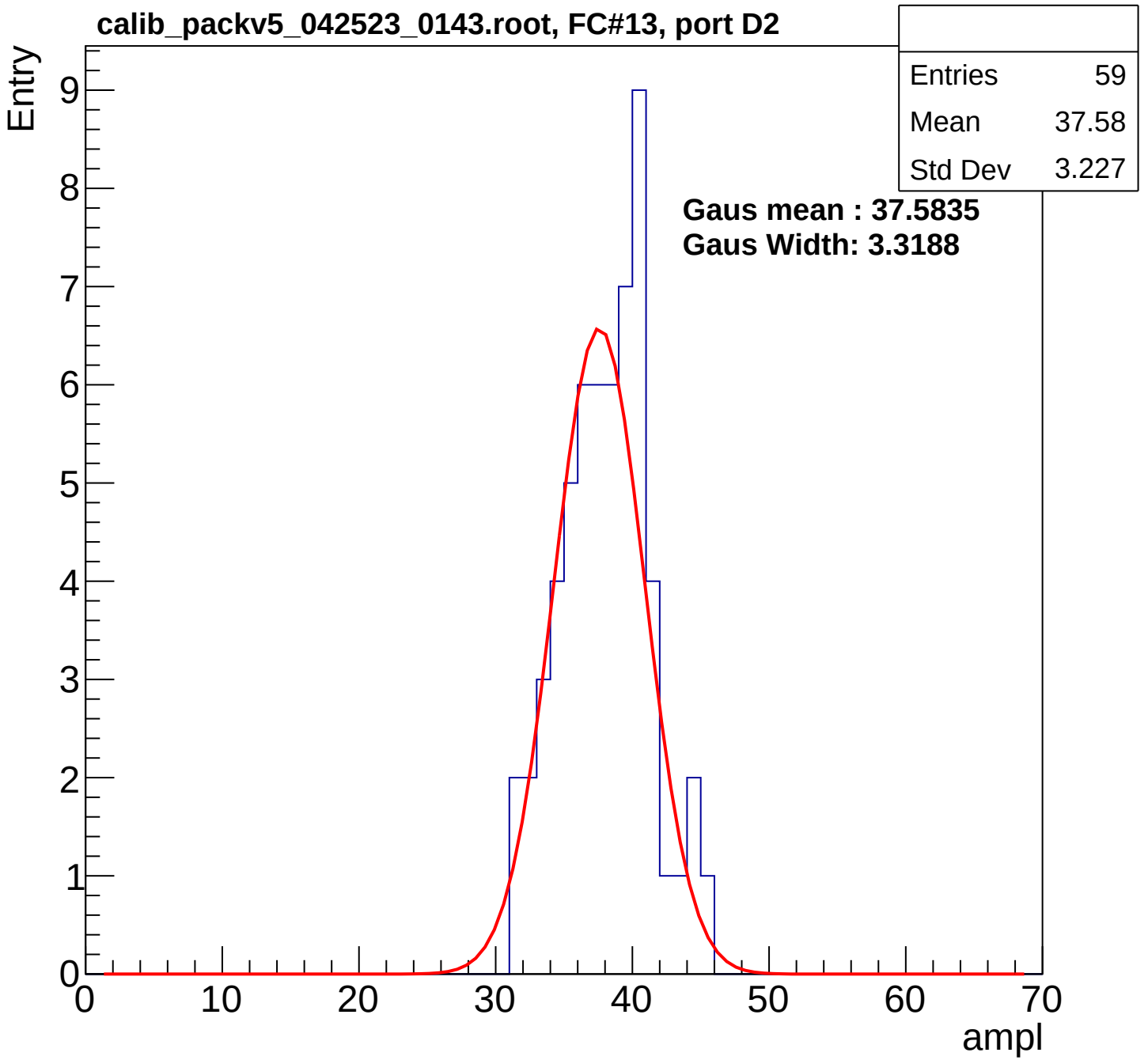

B1L003S, U9-ch100, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 55.75
Std Dev 2.96
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

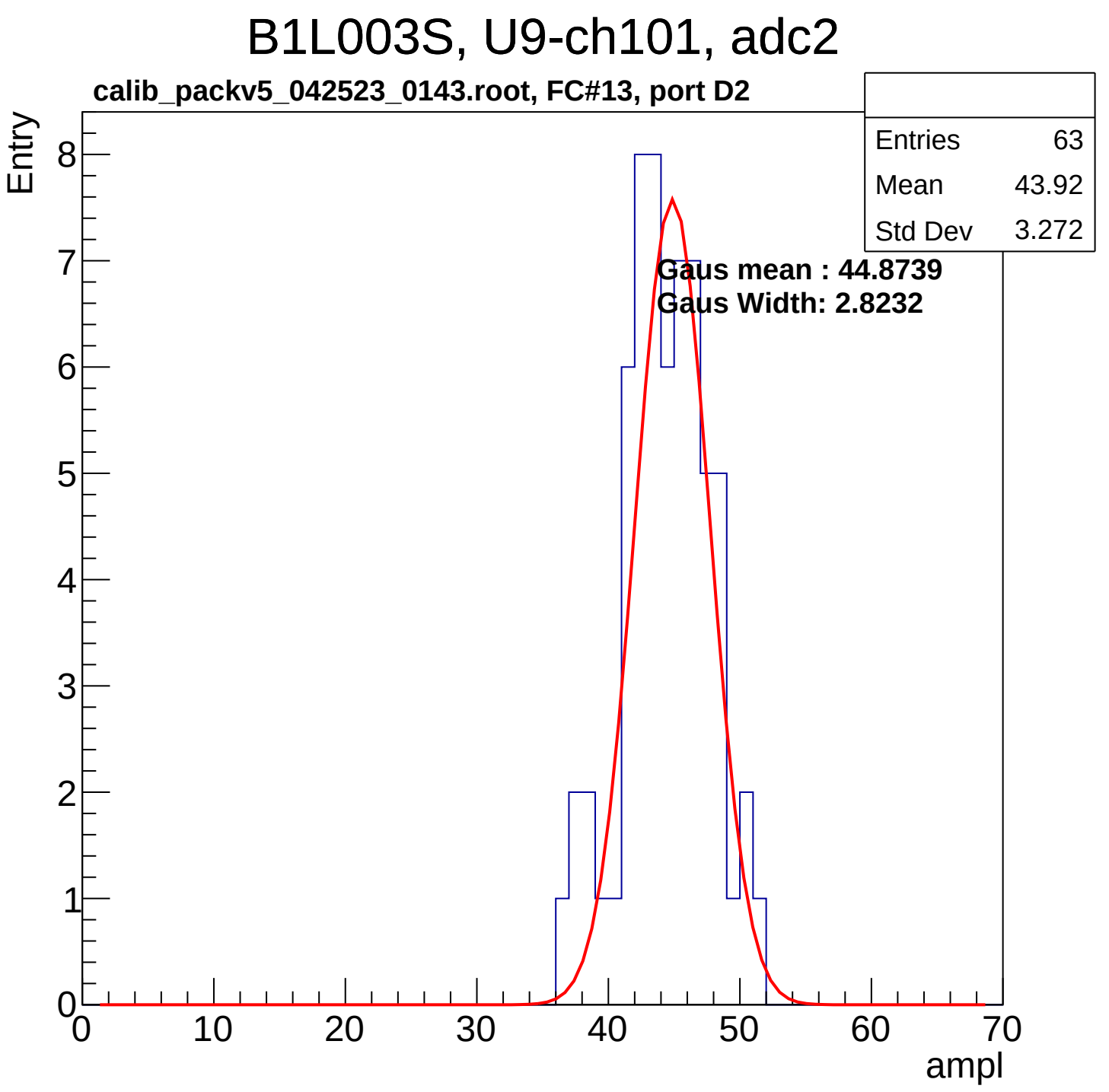

B1L003S, U9-ch100, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.91
Std Dev 2.618
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch100, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 53.88
Std Dev 20.42
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch100, adc7
calib_packv5_042523_0143.root, FC#13, port D2
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


B1L003S, U9-ch101, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 30.16
Std Dev 5.163
Gaus mean : 31.1800
Gaus Width: 4.3122
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch101, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 37.58
Std Dev 3.227
Gaus mean : 37.5835
Gaus Width: 3.3188
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch101, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 43.92
Std Dev 3.272
Gaus mean : 44.8739
Gaus Width: 2.8232
Entry
ampl
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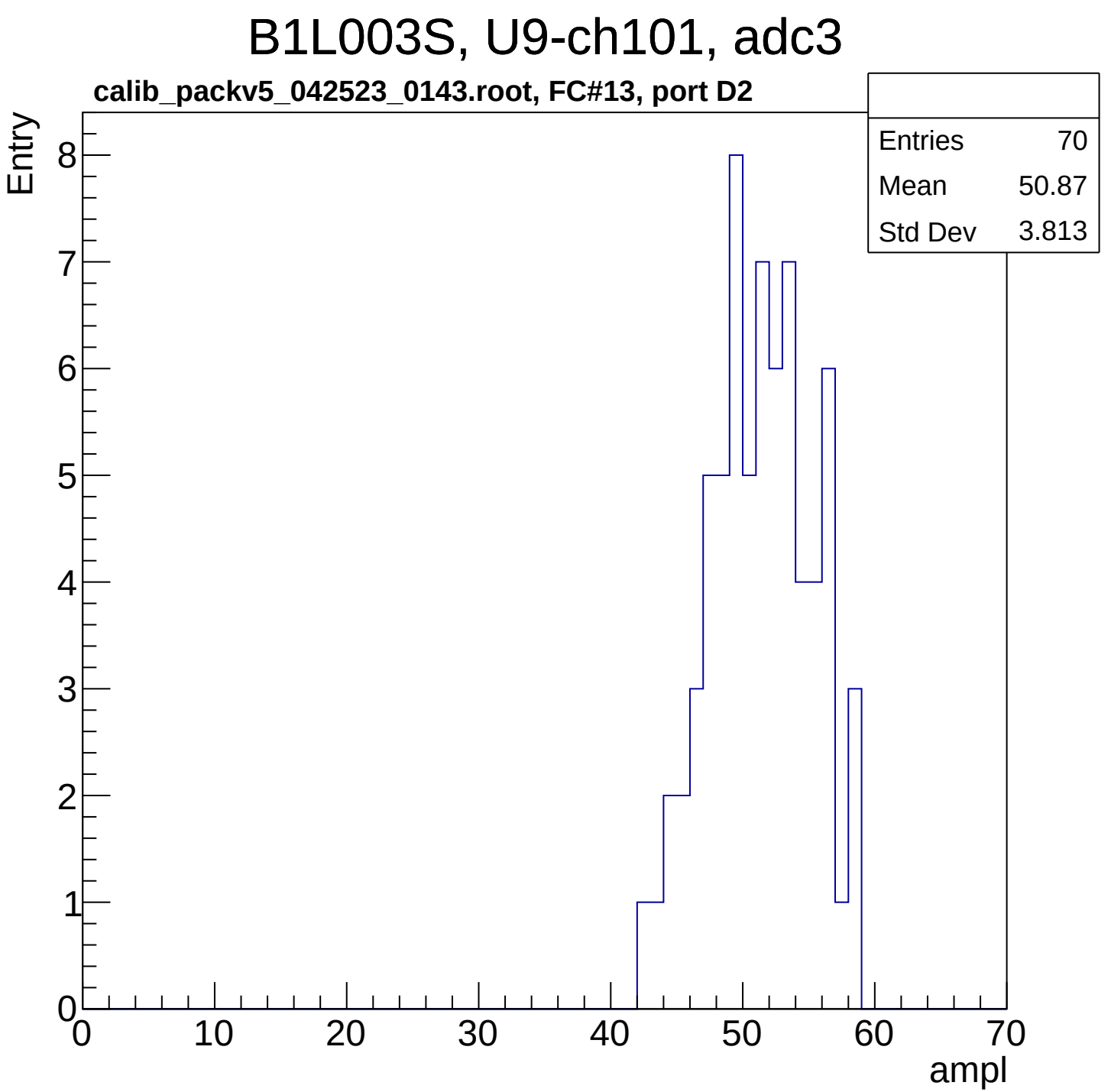
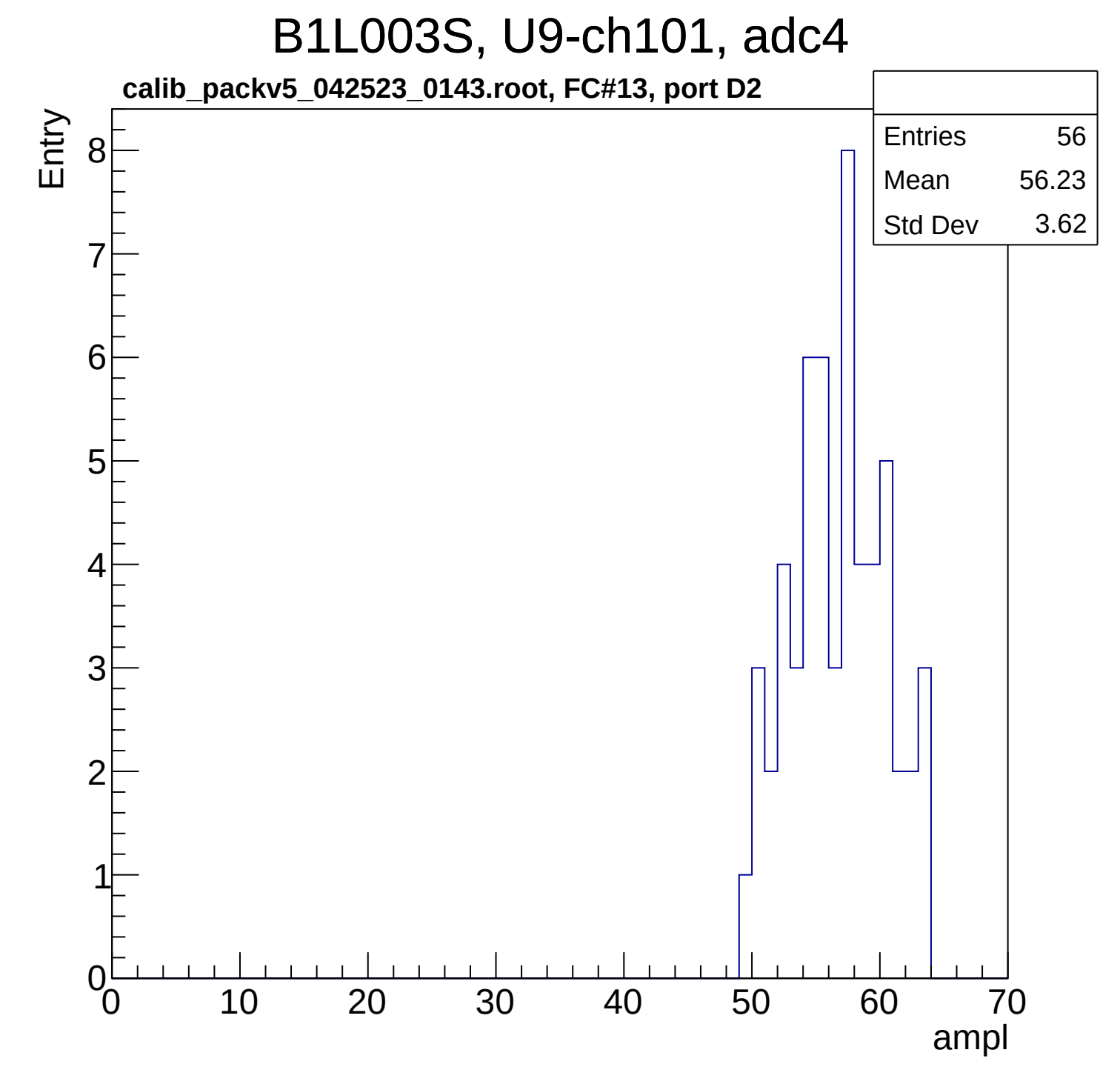
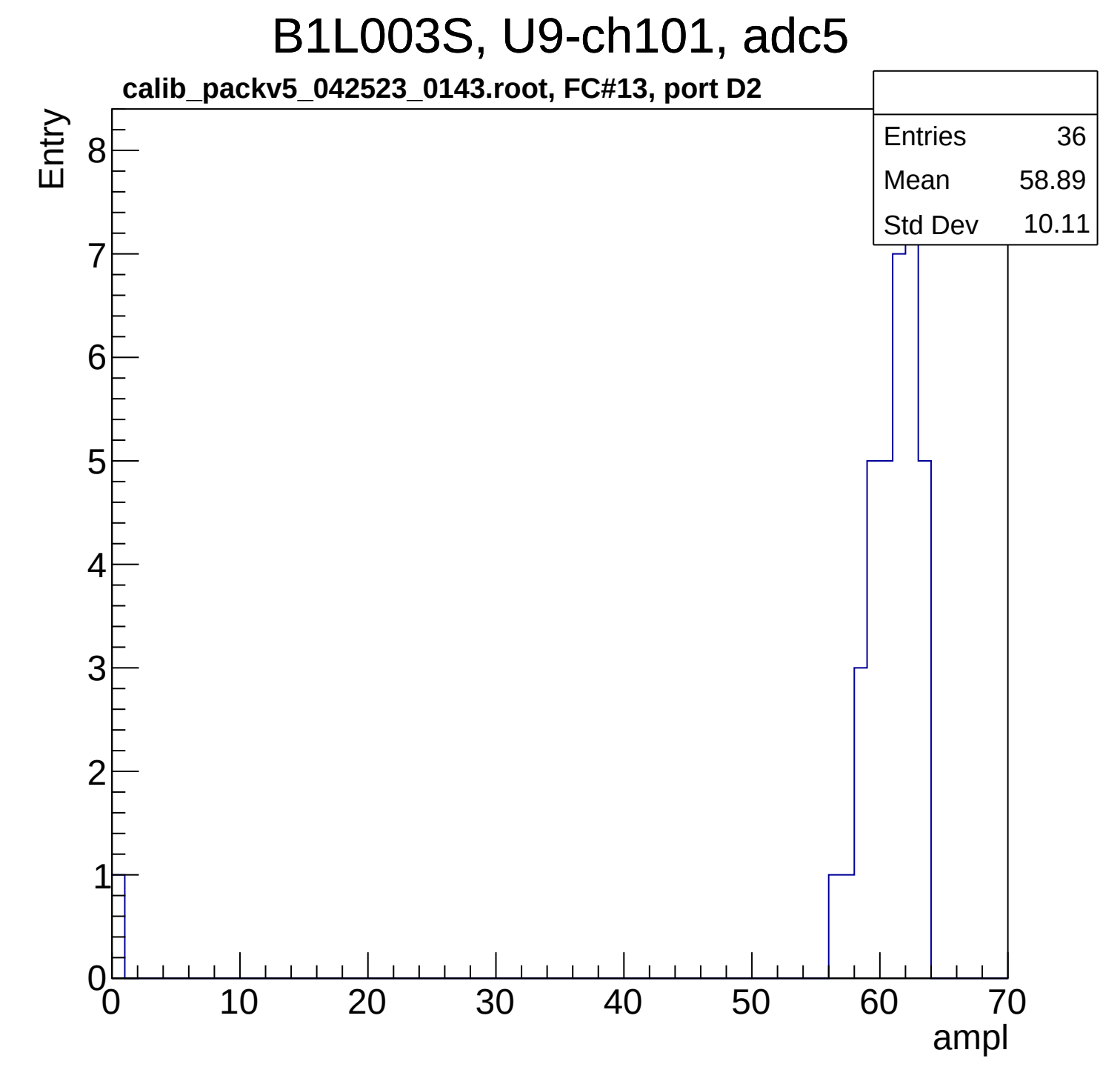
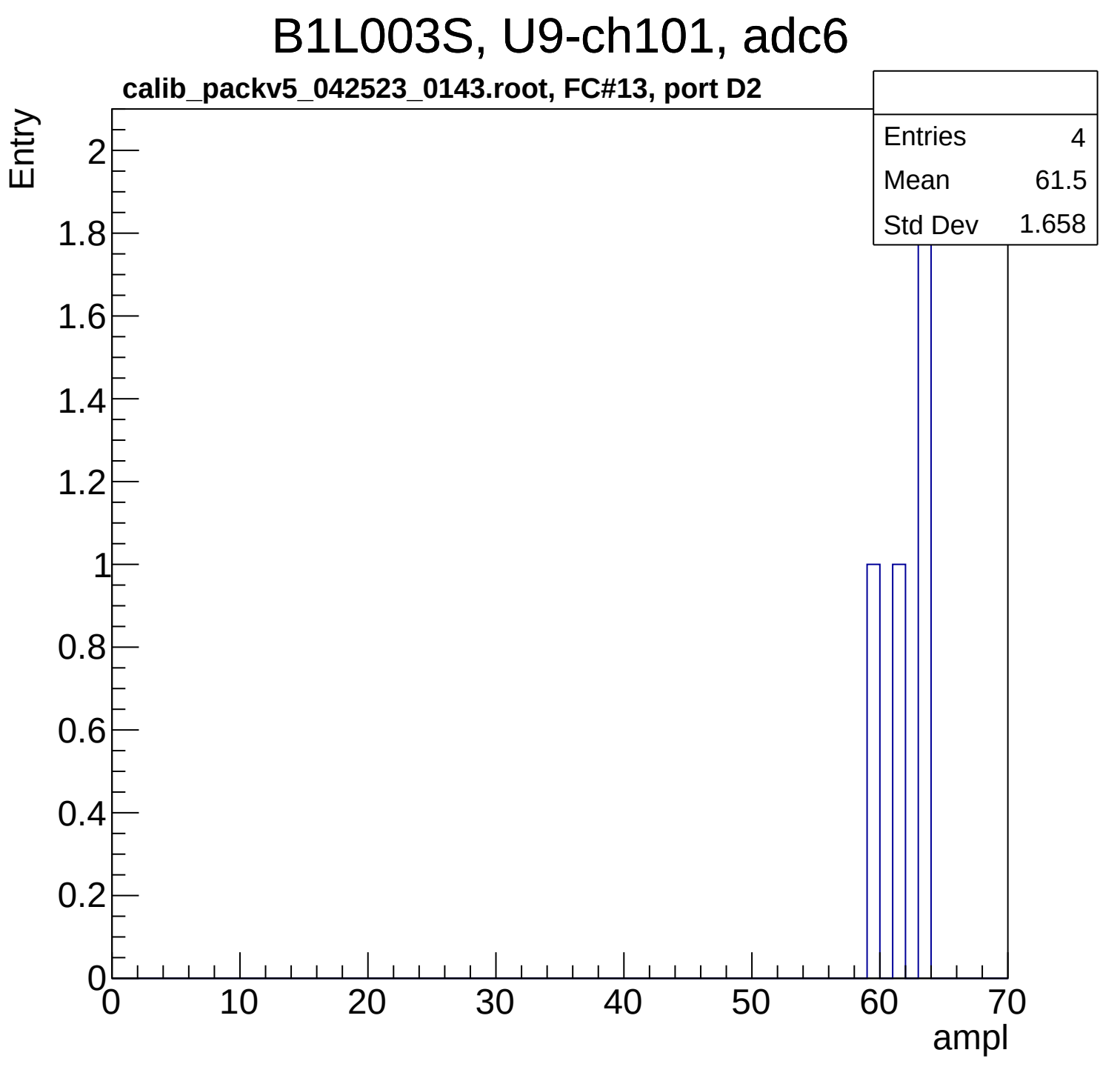
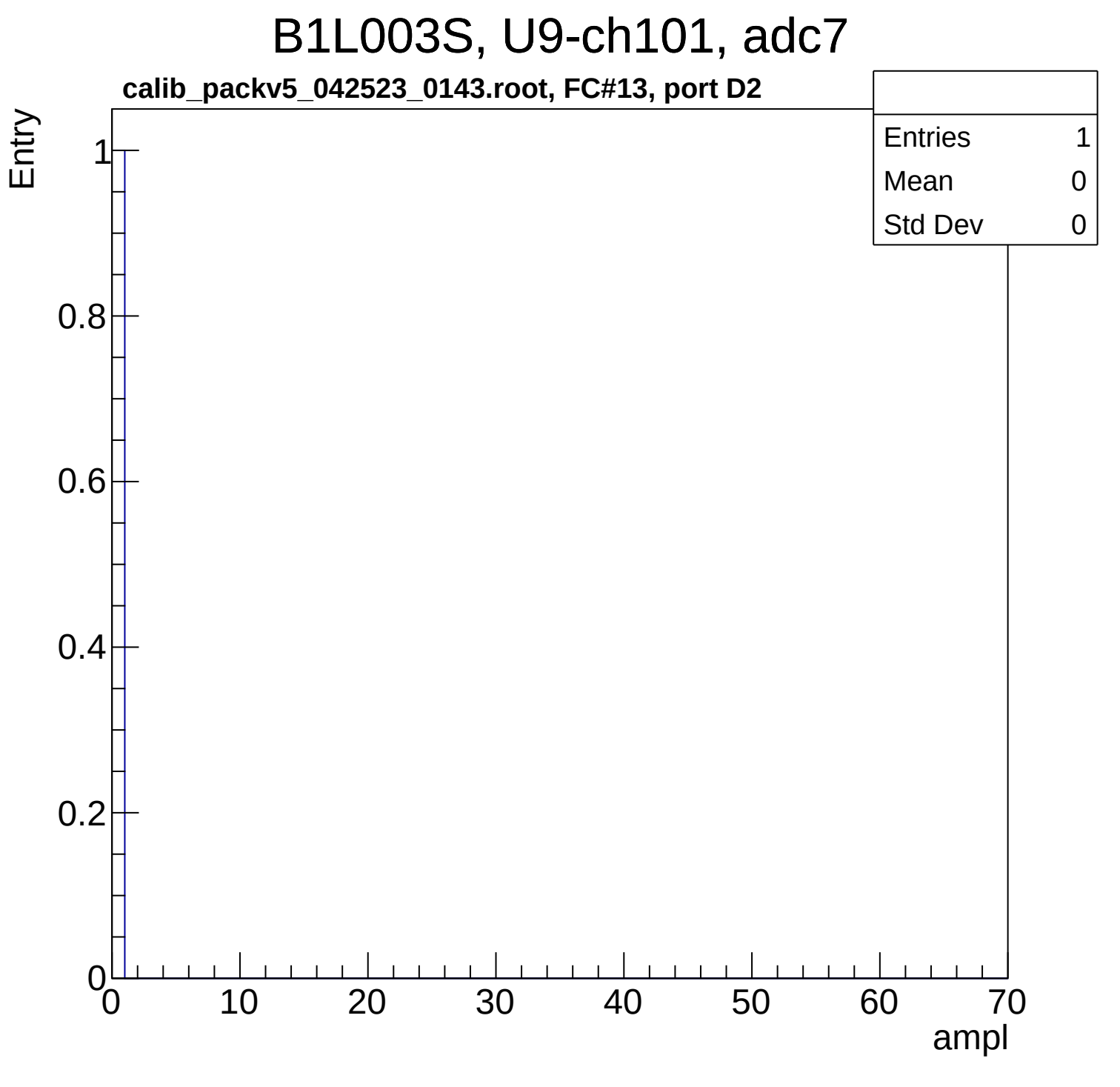
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

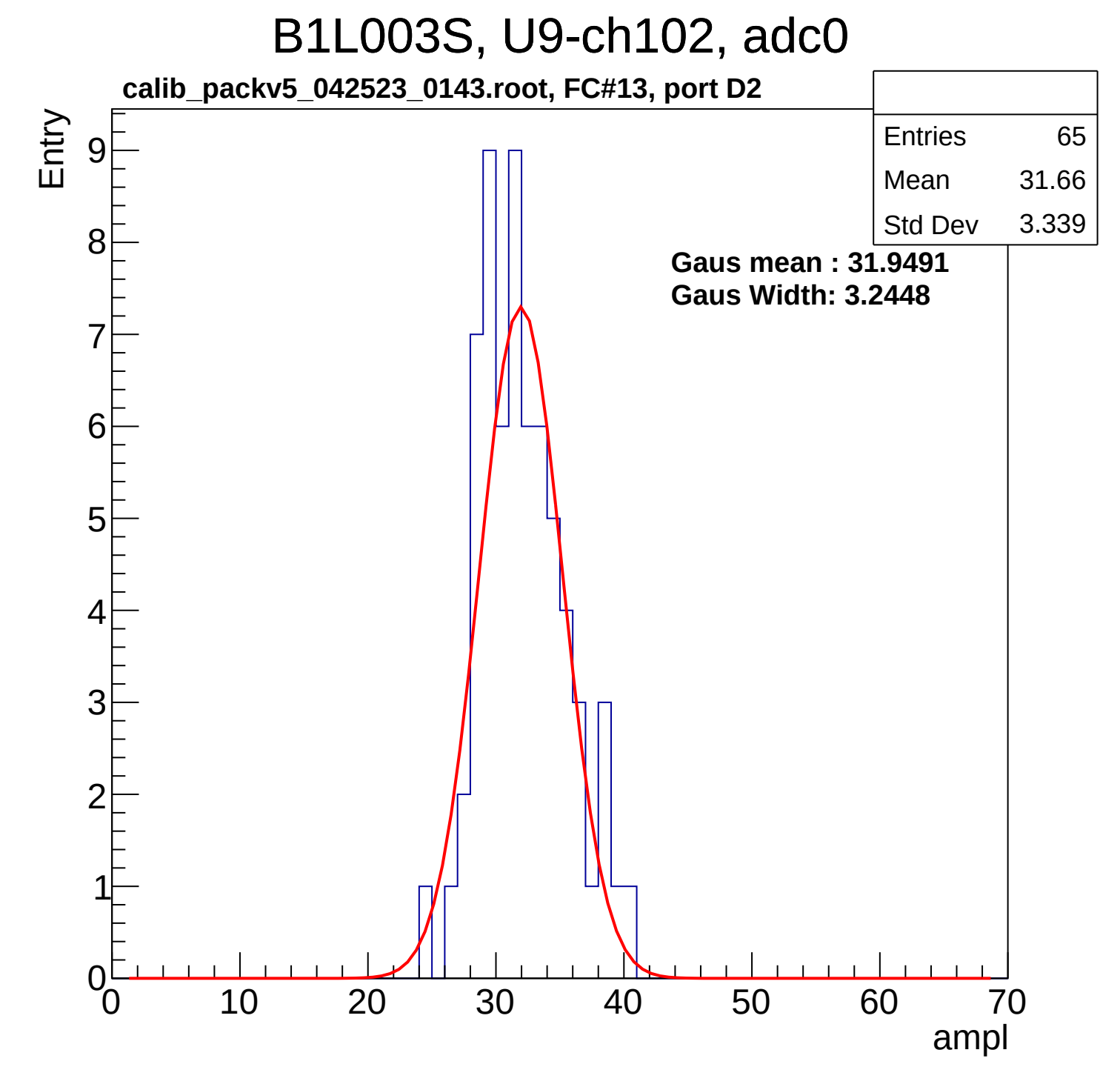

B1L003S, U9-ch101, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 50.87
Std Dev 3.813
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

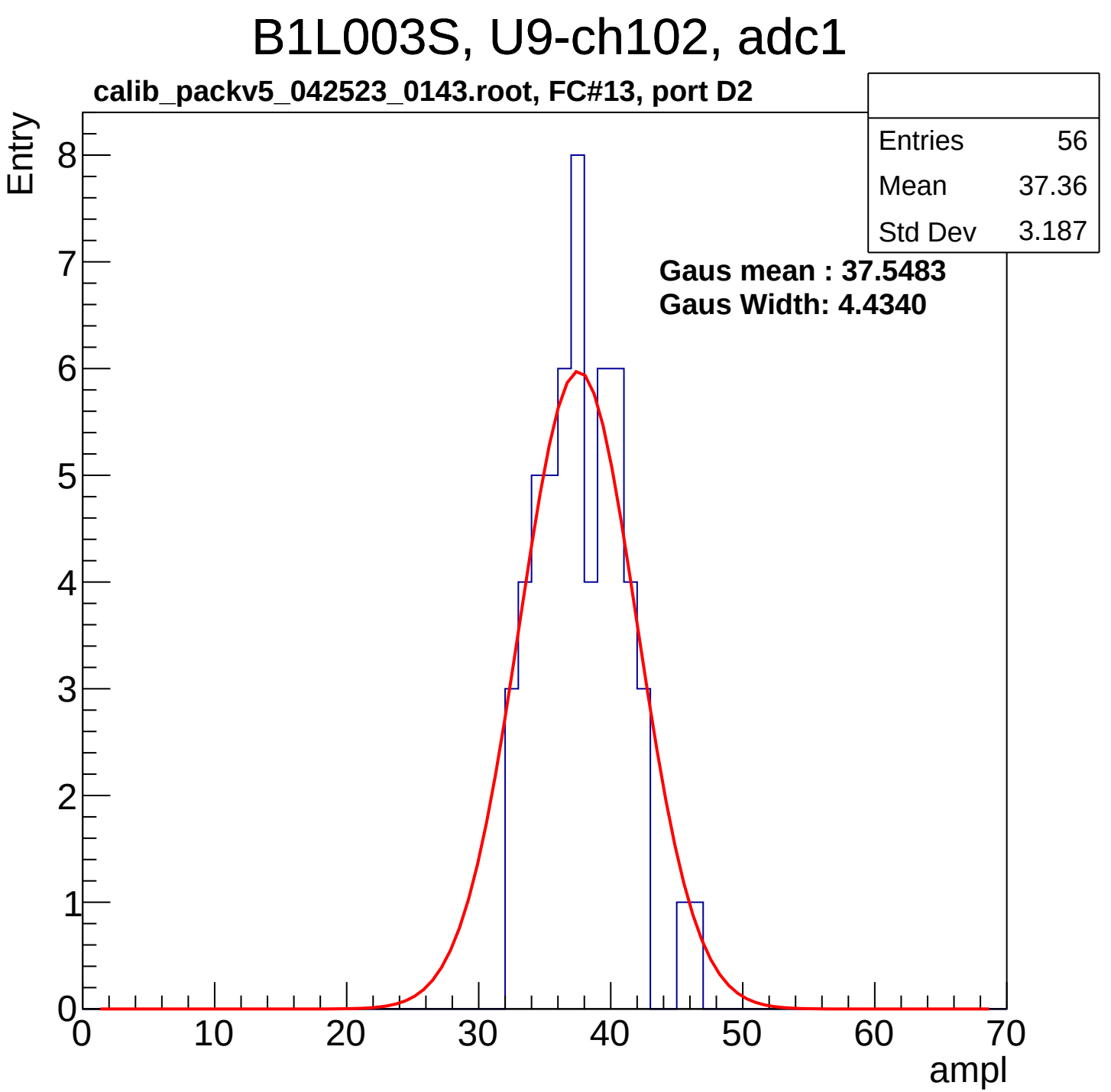

B1L003S, U9-ch101, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 56.23
Std Dev 3.62
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

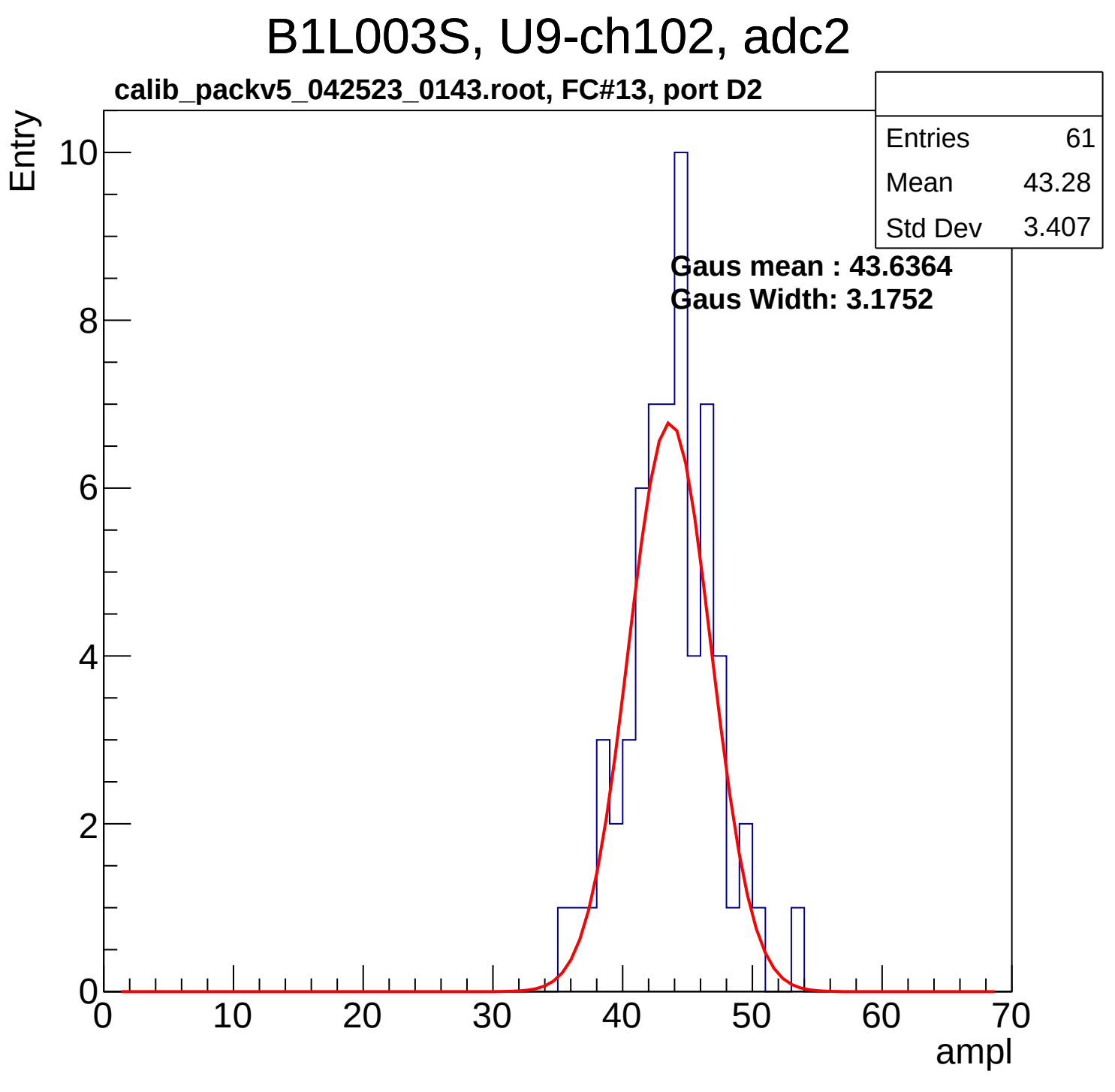

B1L003S, U9-ch101, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 58.89
Std Dev 10.11
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

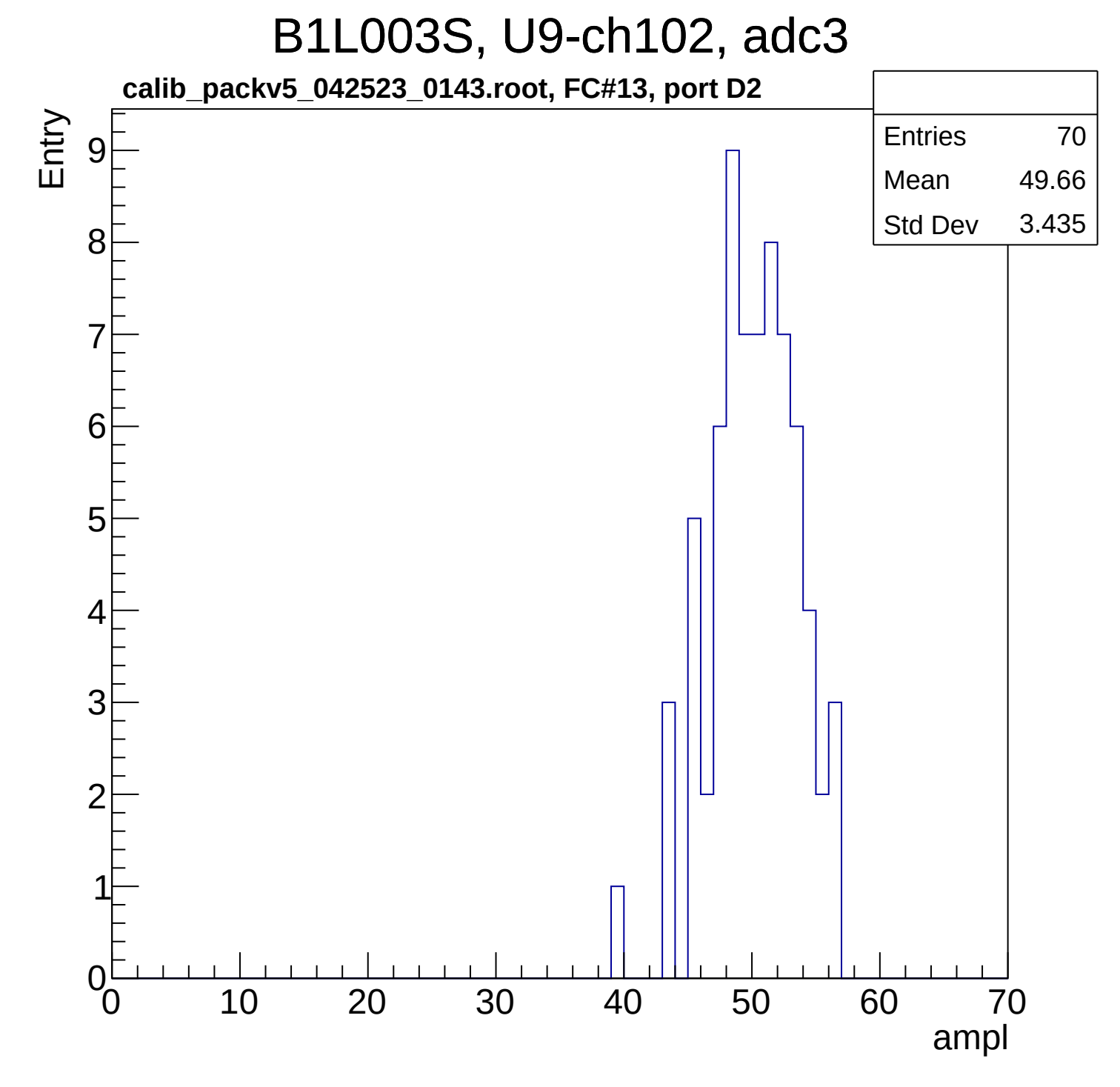

B1L003S, U9-ch101, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.5
Std Dev 1.658
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch101, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch102, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 31.66
Std Dev 3.339
Gaus mean : 31.9491
Gaus Width: 3.2448
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch102, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 37.36
Std Dev 3.187
Gaus mean : 37.5483
Gaus Width: 4.4340
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch102, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 43.28
Std Dev 3.407
Gaus mean : 43.6364
Gaus Width: 3.1752
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch102, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 49.66
Std Dev 3.435
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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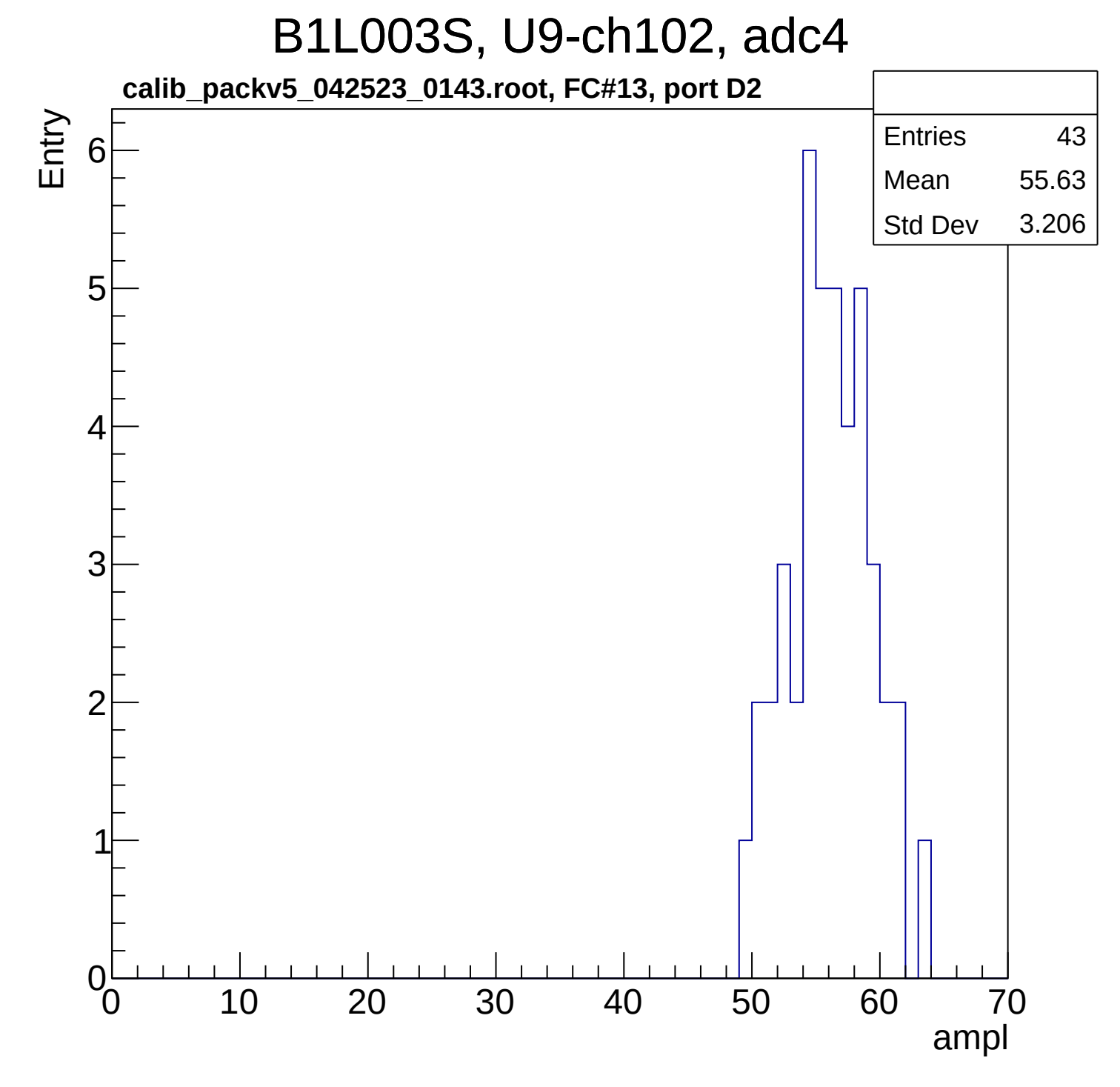
40
50
60
70


B1L003S, U9-ch102, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 55.63
Std Dev 3.206
Entry
ampl
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1
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3
4
5
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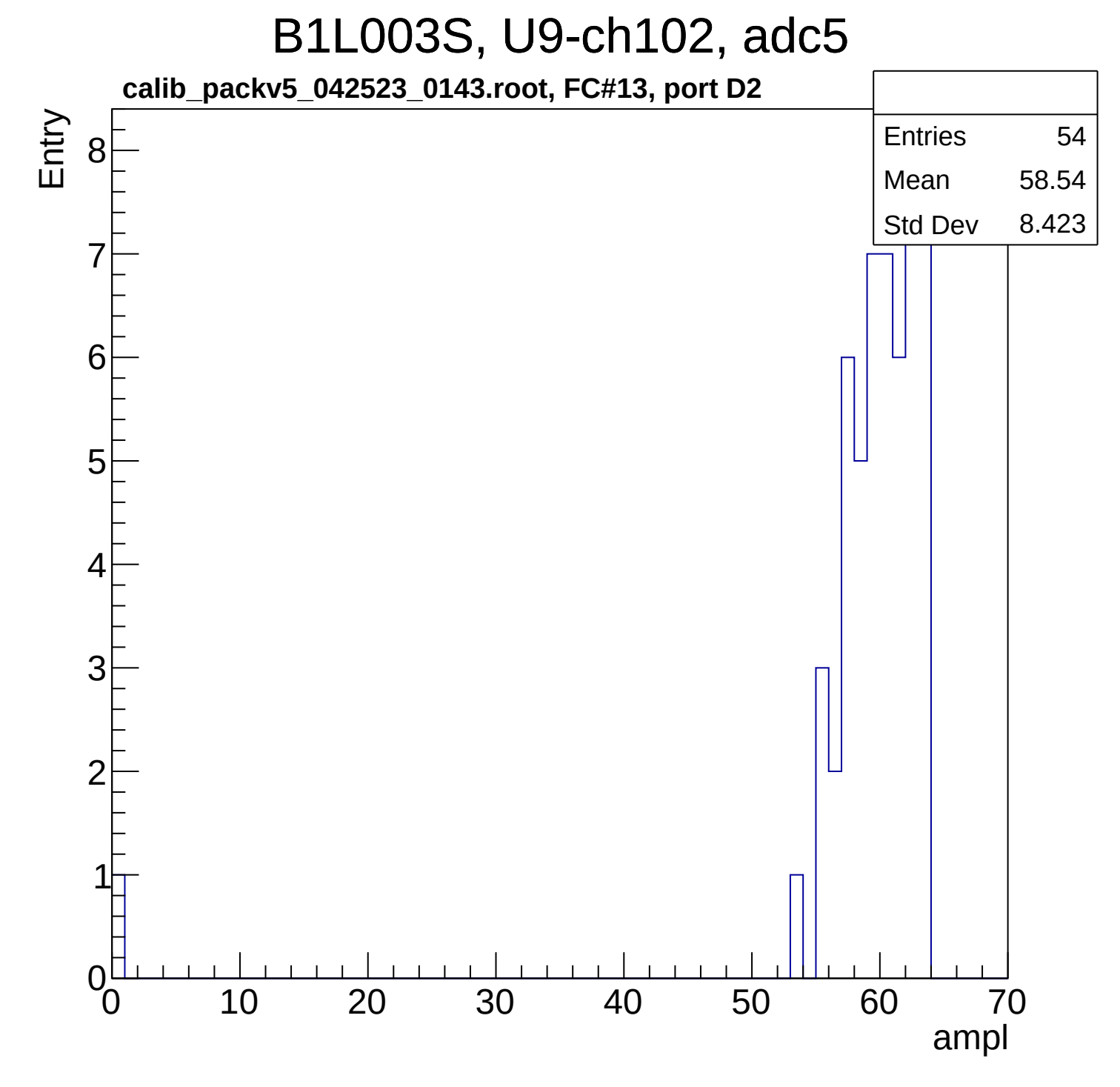
0
10
20
30
40
50
60
70


B1L003S, U9-ch102, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.54
Std Dev 8.423
Entry
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2
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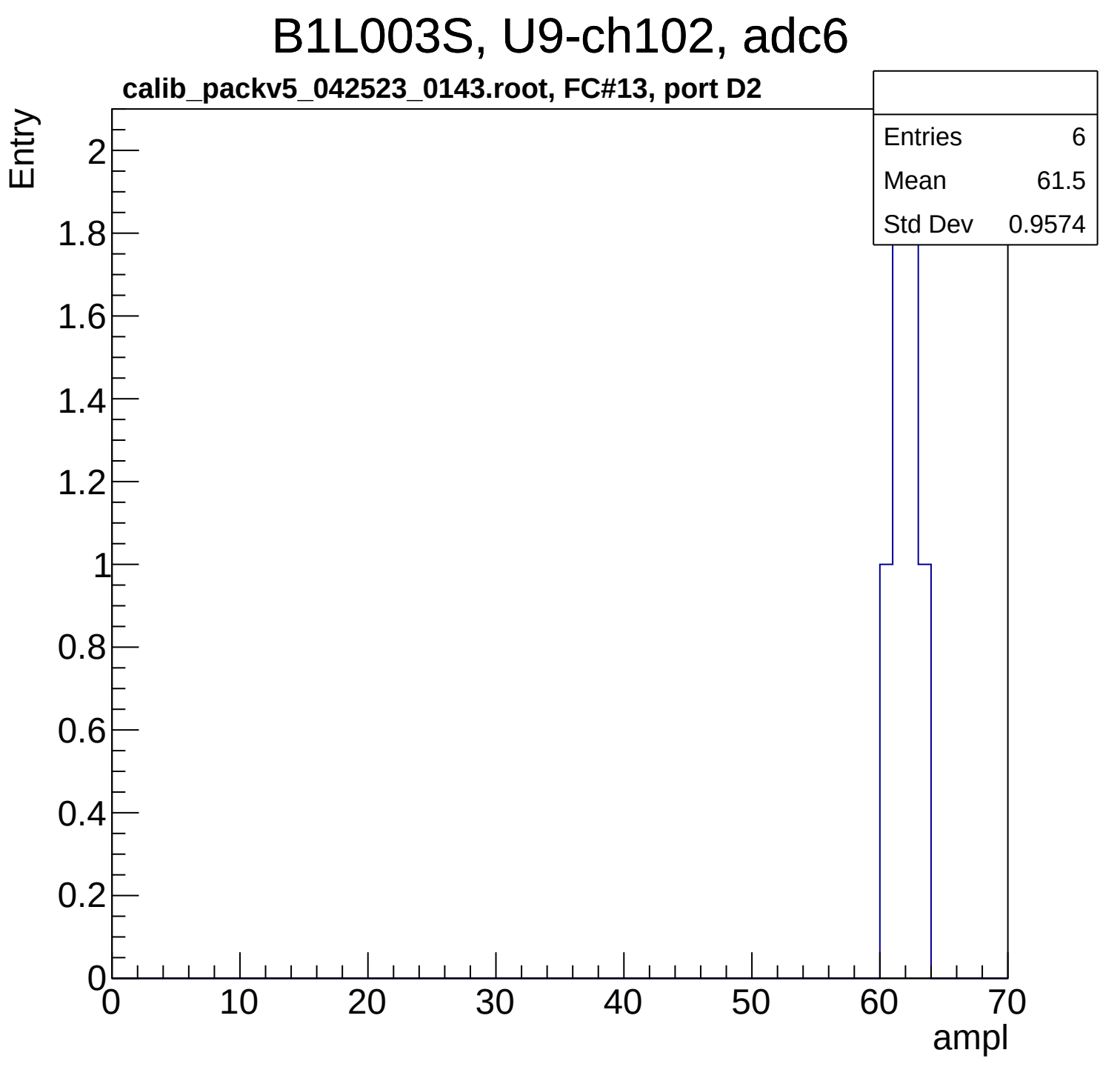
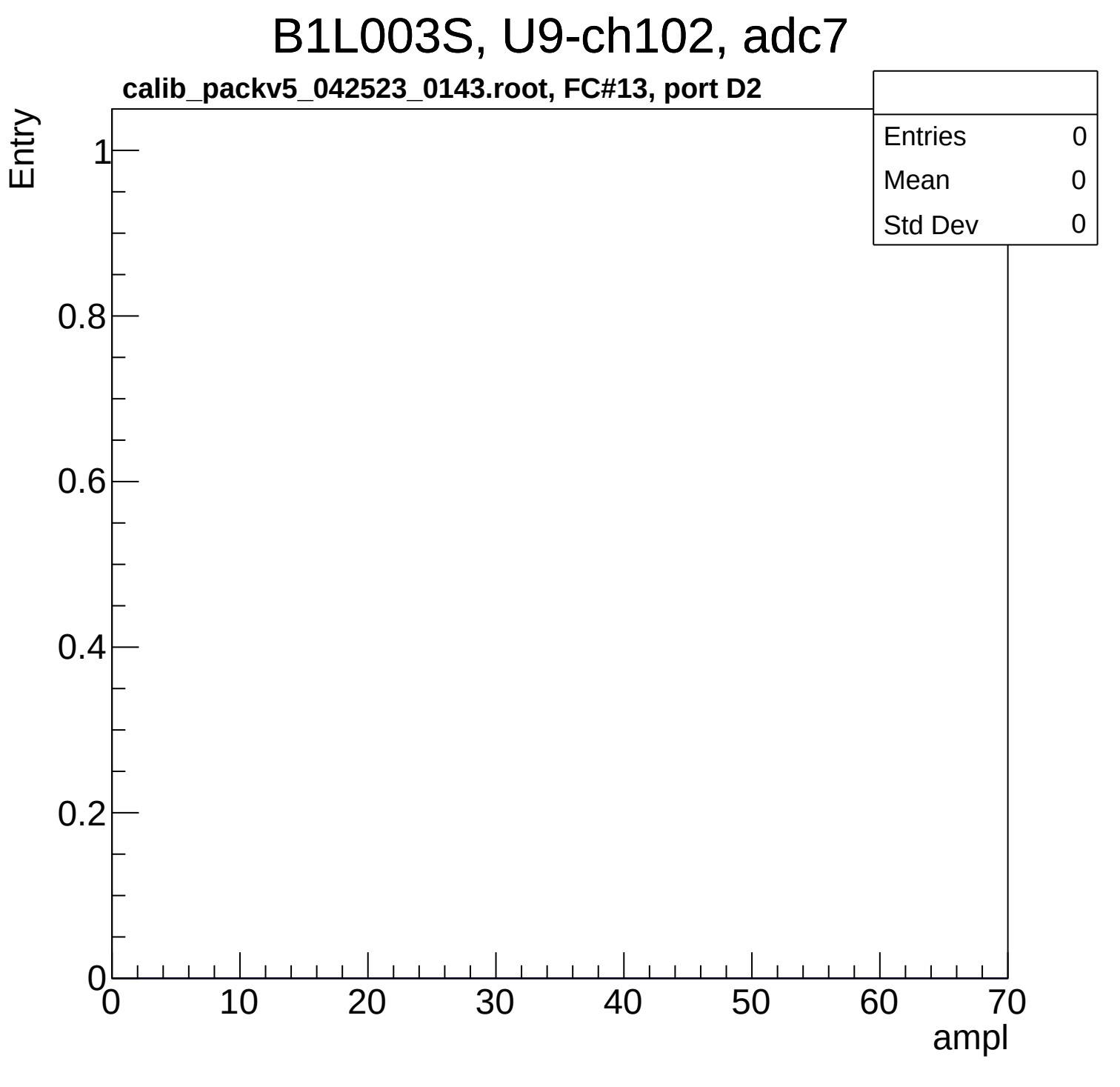
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch102, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 61.5
Std Dev 0.9574
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch102, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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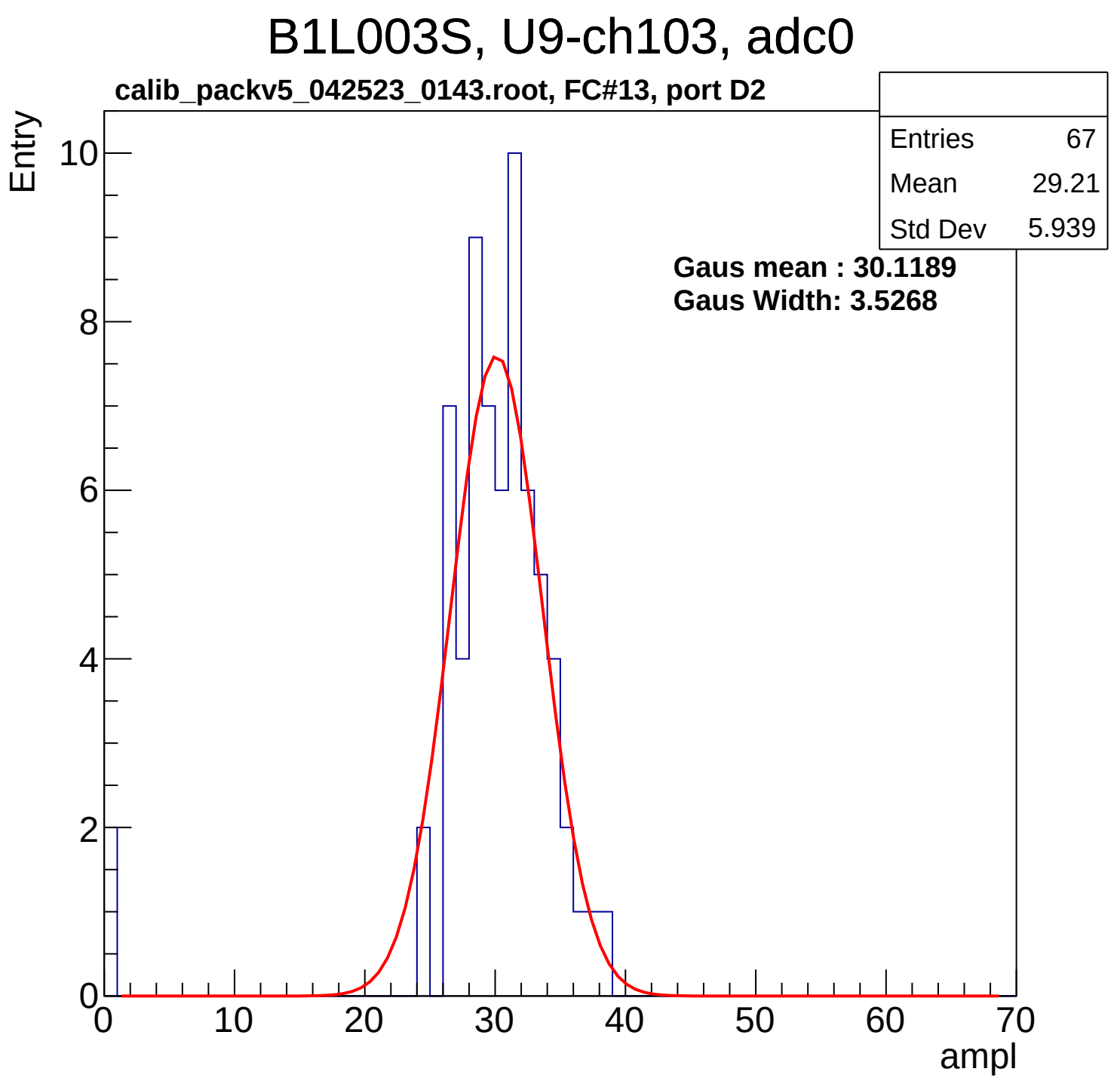
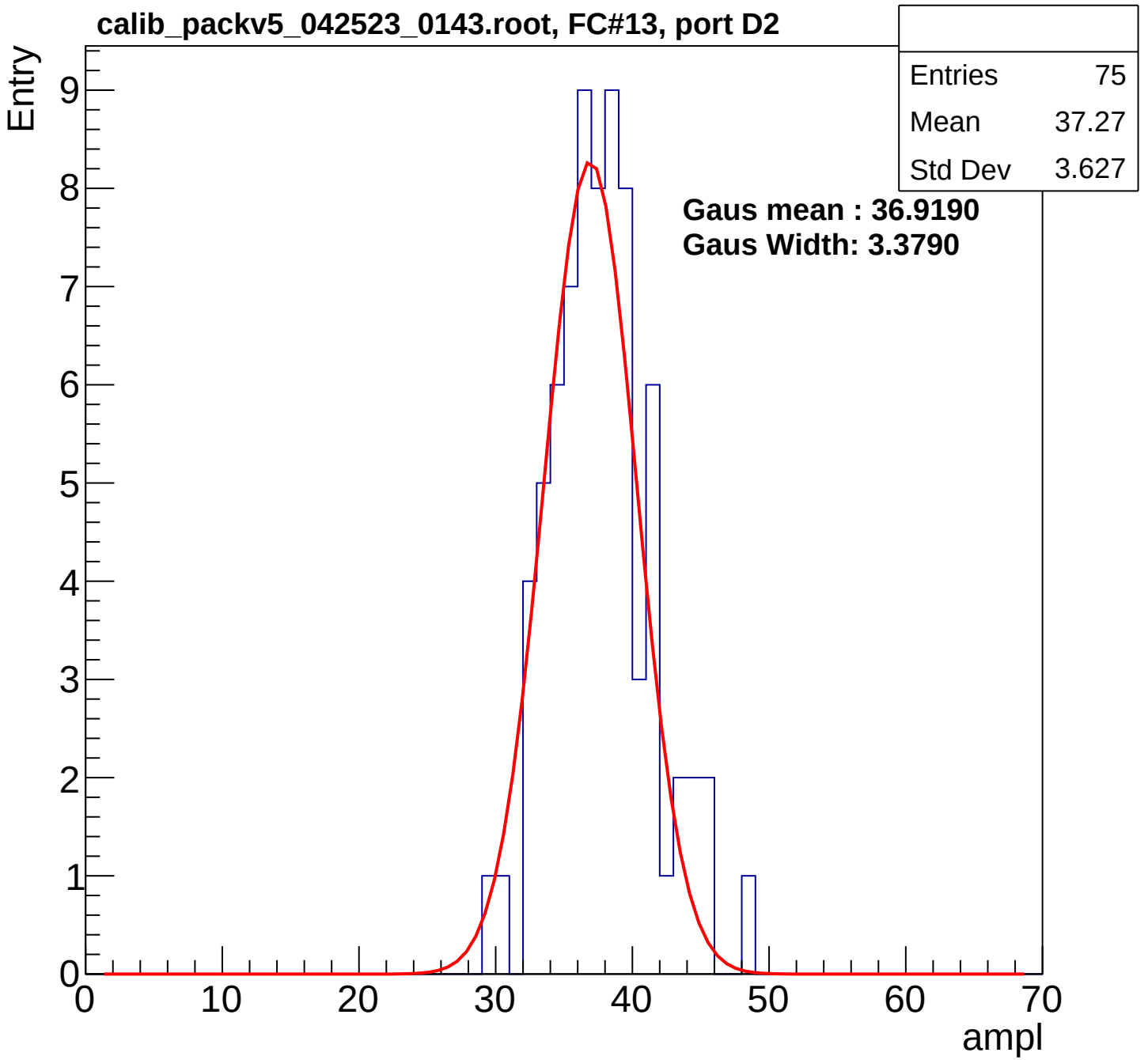
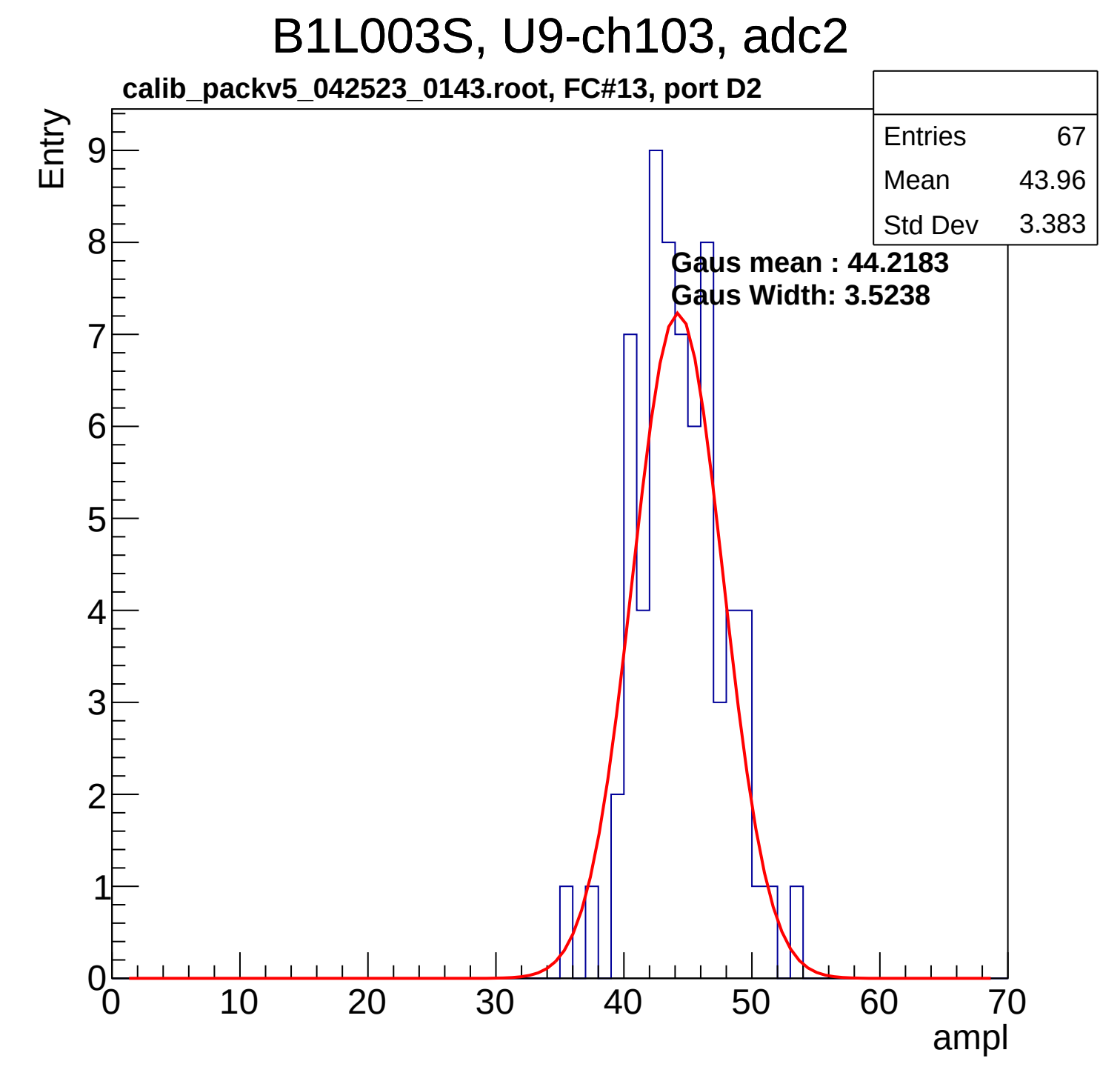
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch103, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 29.21
Std Dev 5.939
Gaus mean : 30.1189
Gaus Width: 3.5268
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch103, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 37.27
Std Dev 3.627
Gaus mean : 36.9190
Gaus Width: 3.3790
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch103, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 43.96
Std Dev 3.383
Gaus mean : 44.2183
Gaus Width: 3.5238
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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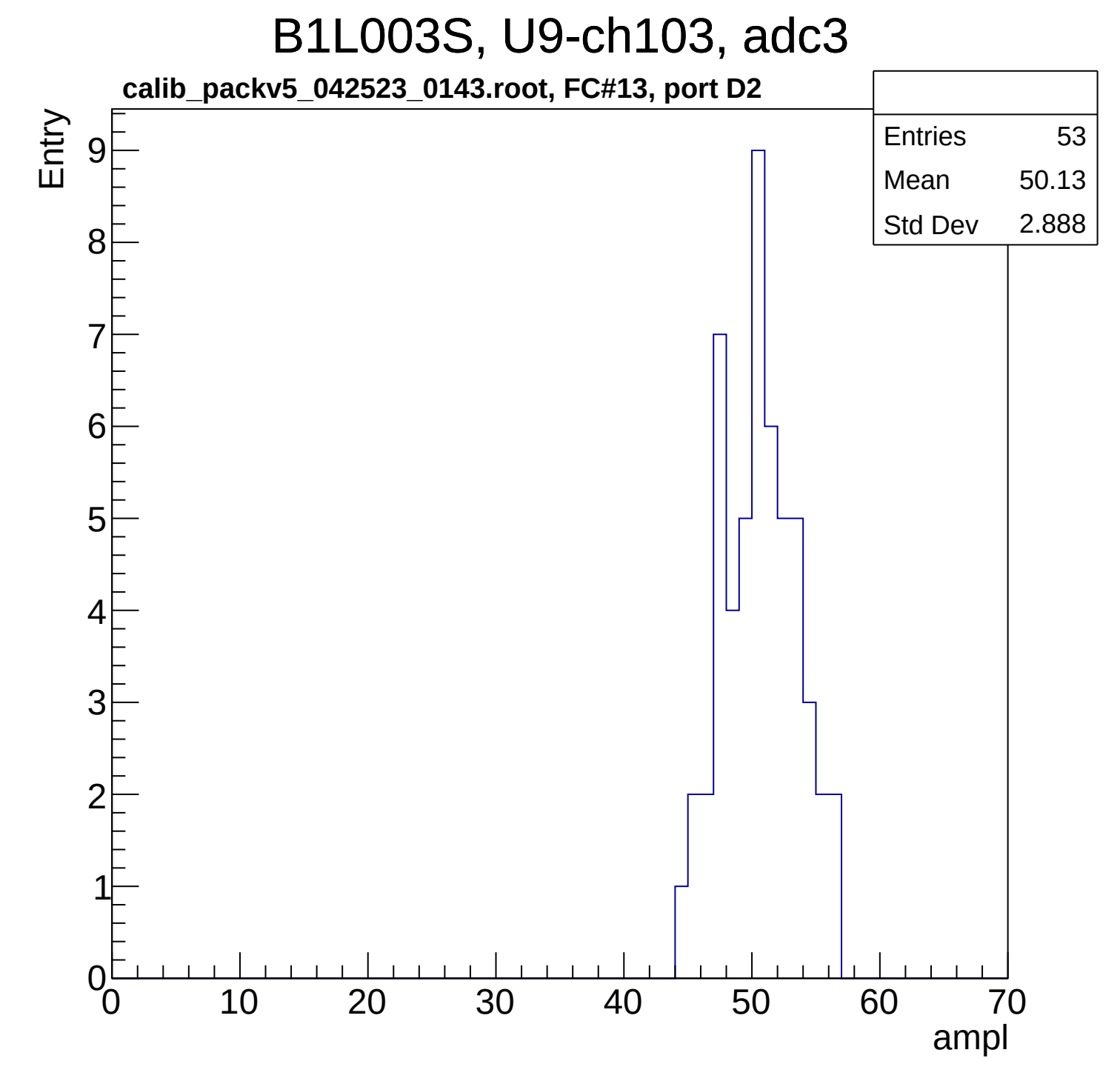
B1L003S, U9-ch103, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 50.13
Std Dev 2.888
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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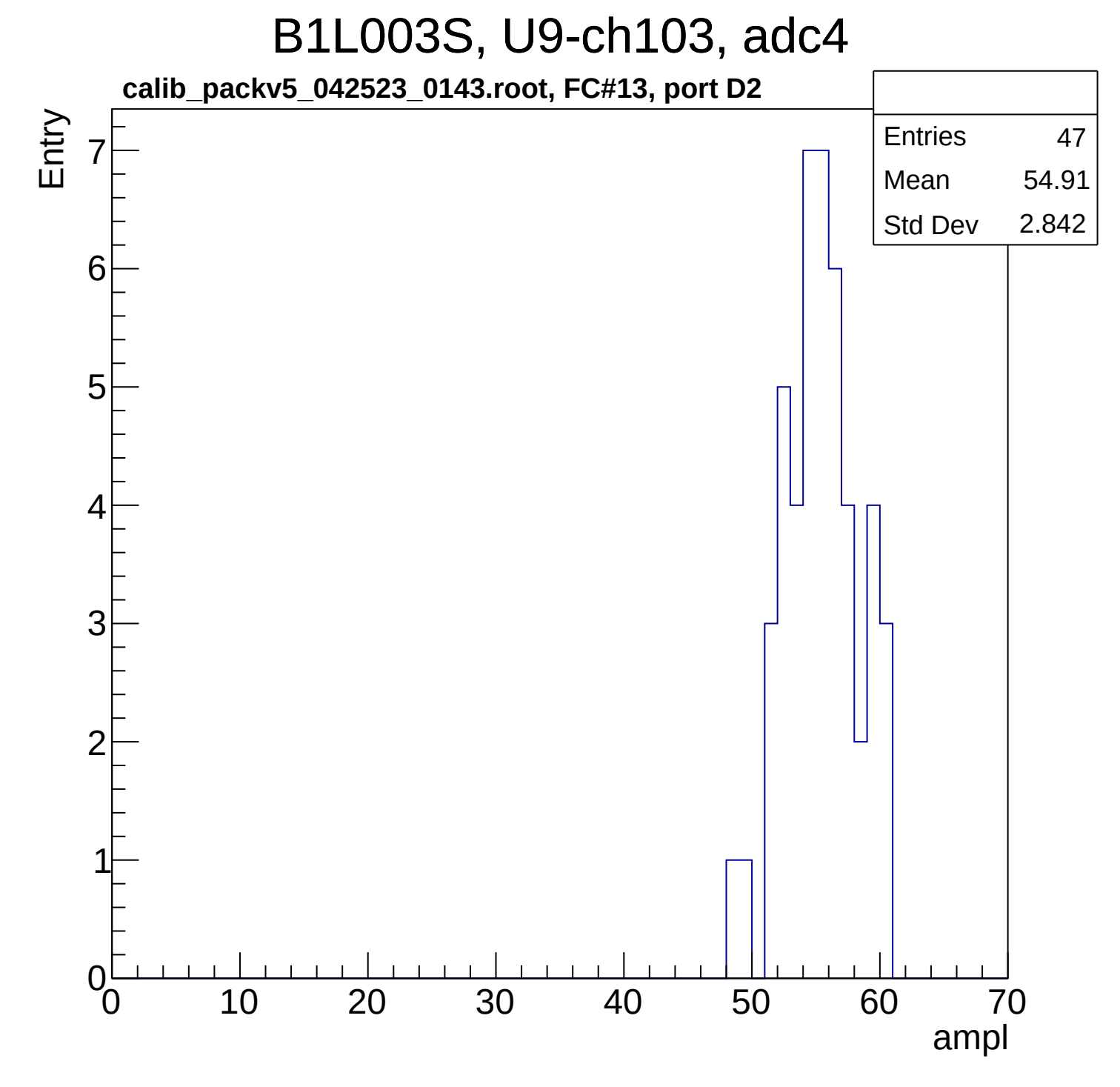
B1L003S, U9-ch103, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 54.91
Std Dev 2.842
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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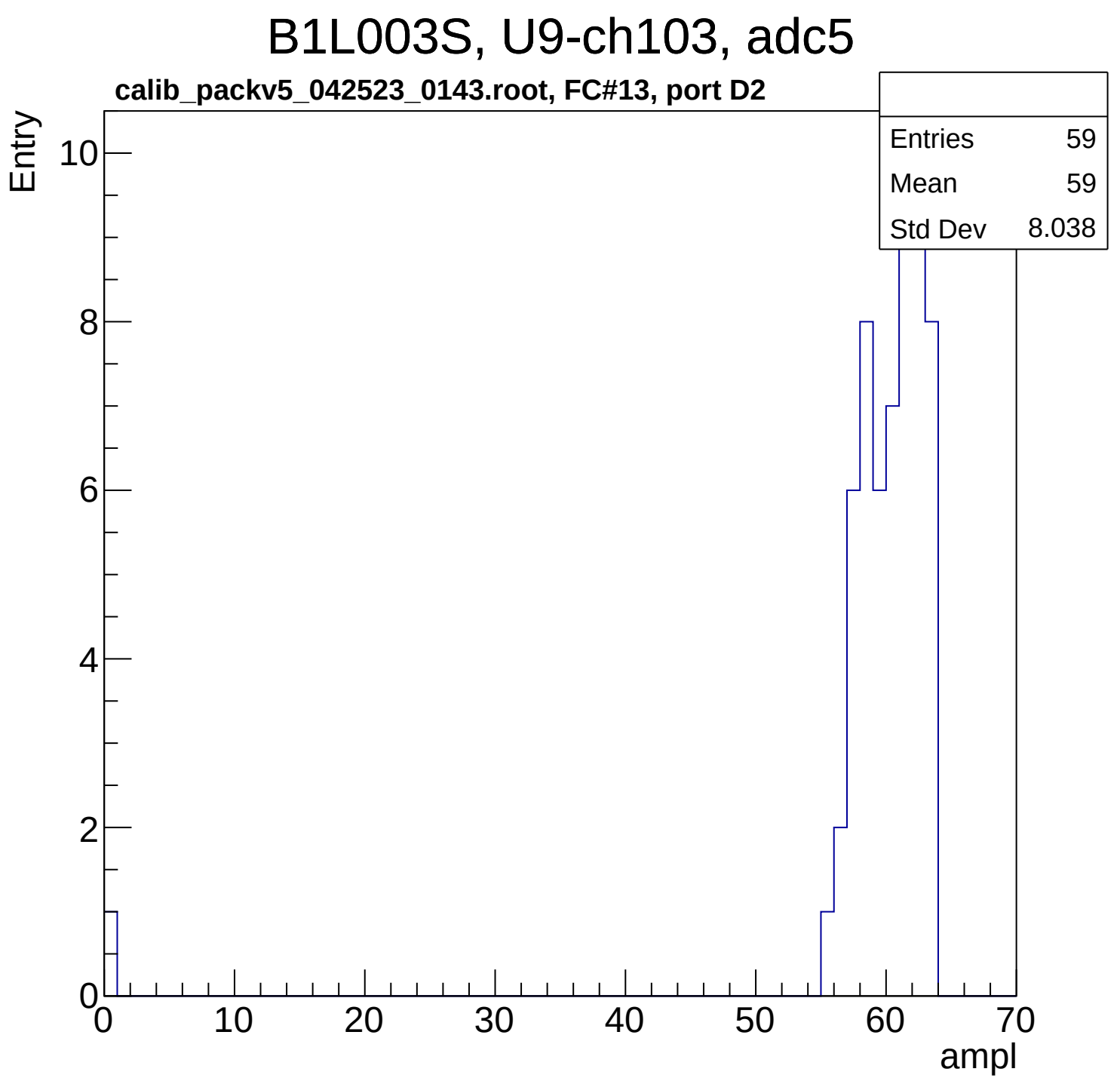
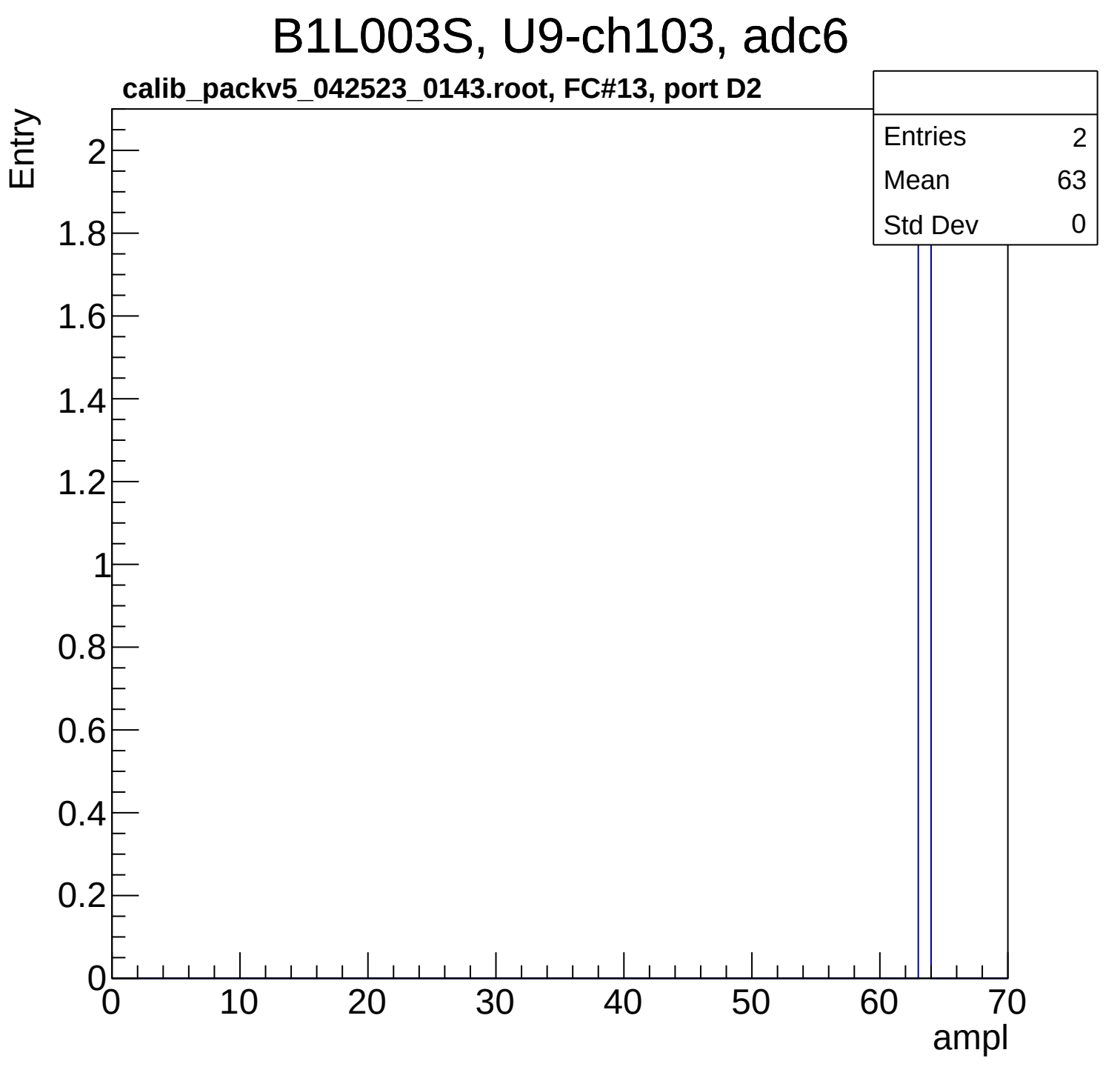
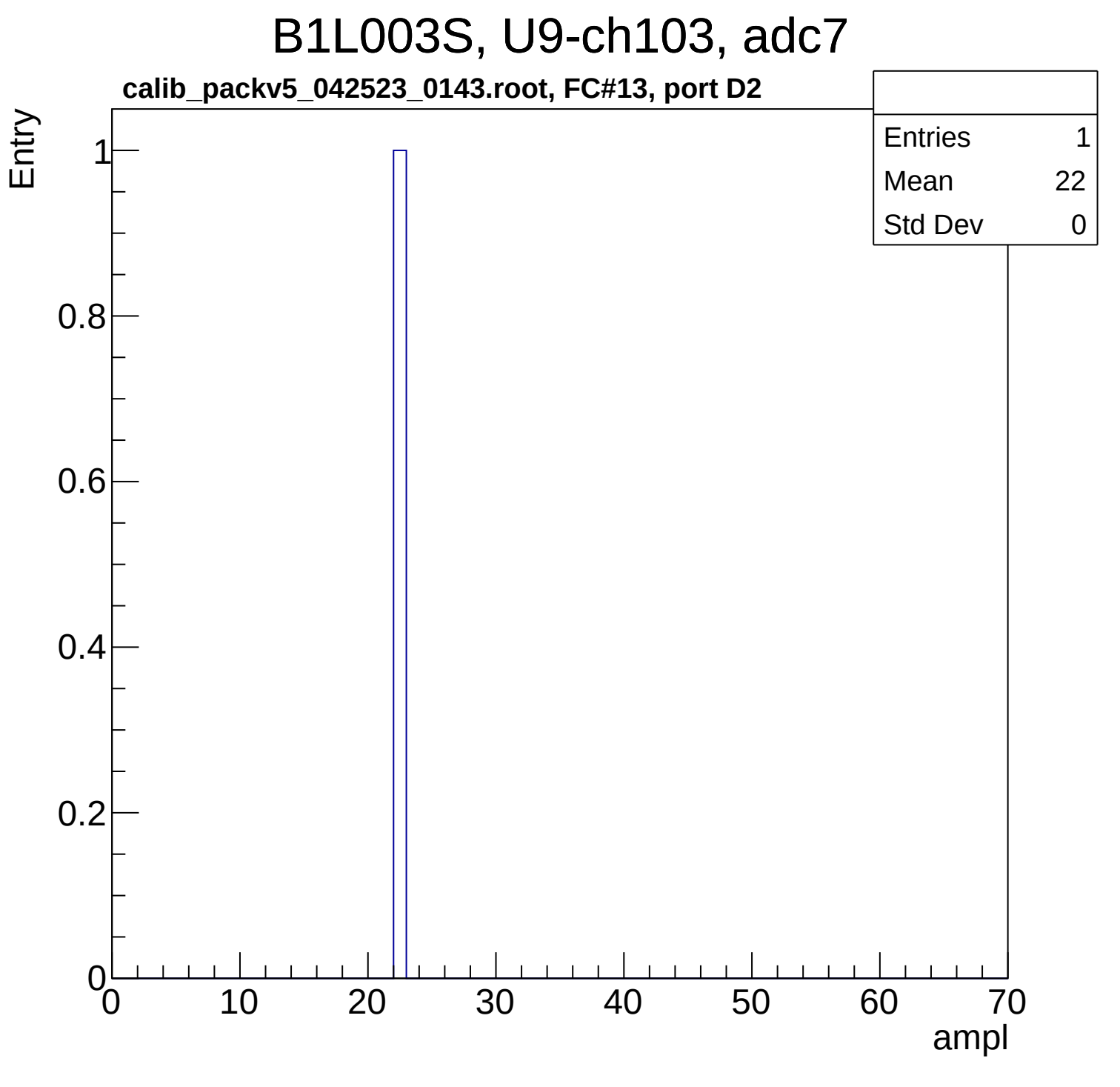
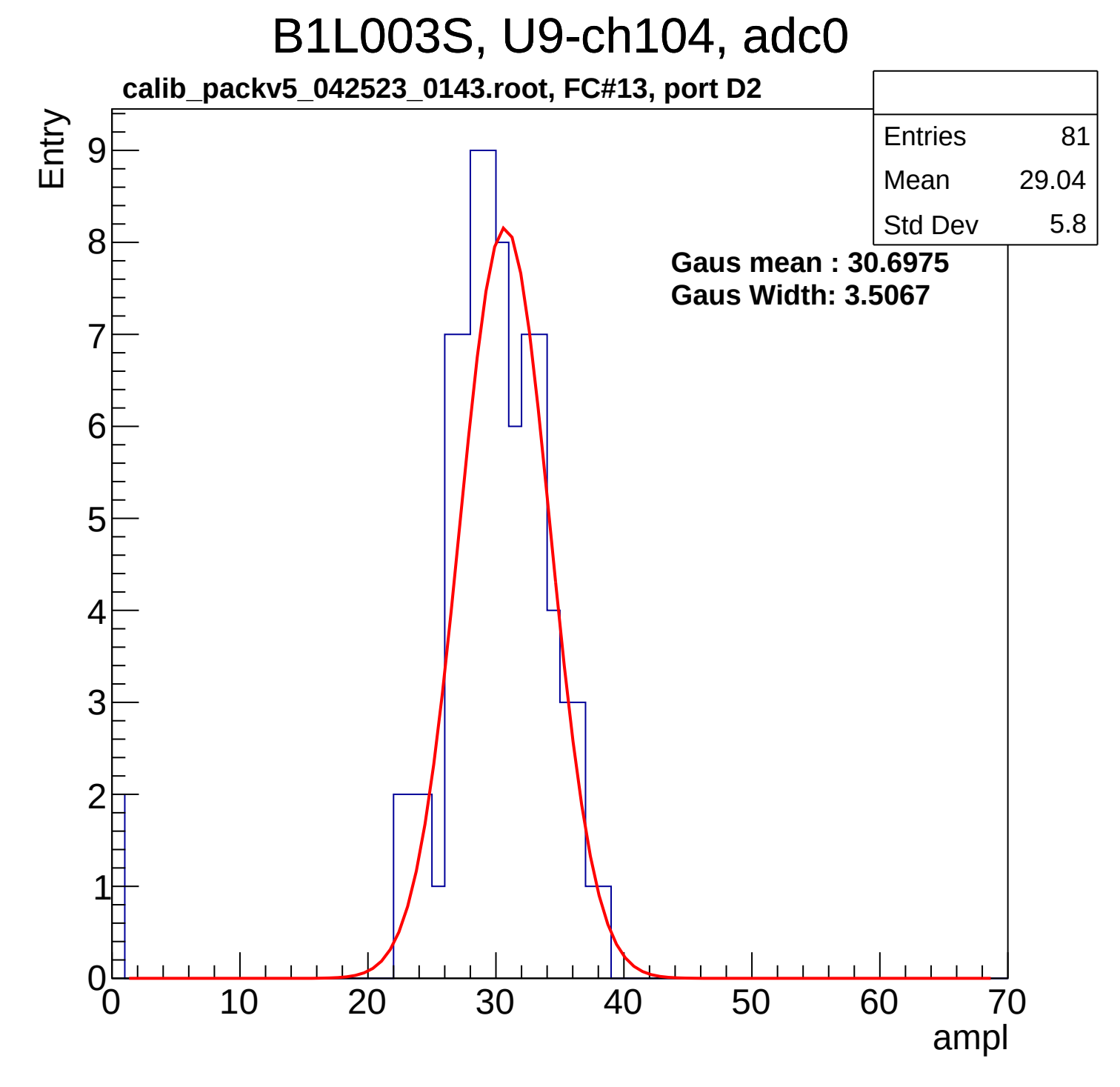

B1L003S, U9-ch103, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 59
Std Dev 8.038
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch103, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch103, adc7
calib_packv5_042523_0143.root, FC#13, port D2
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


B1L003S, U9-ch104, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 29.04
Std Dev 5.8
Gaus mean : 30.6975
Gaus Width: 3.5067
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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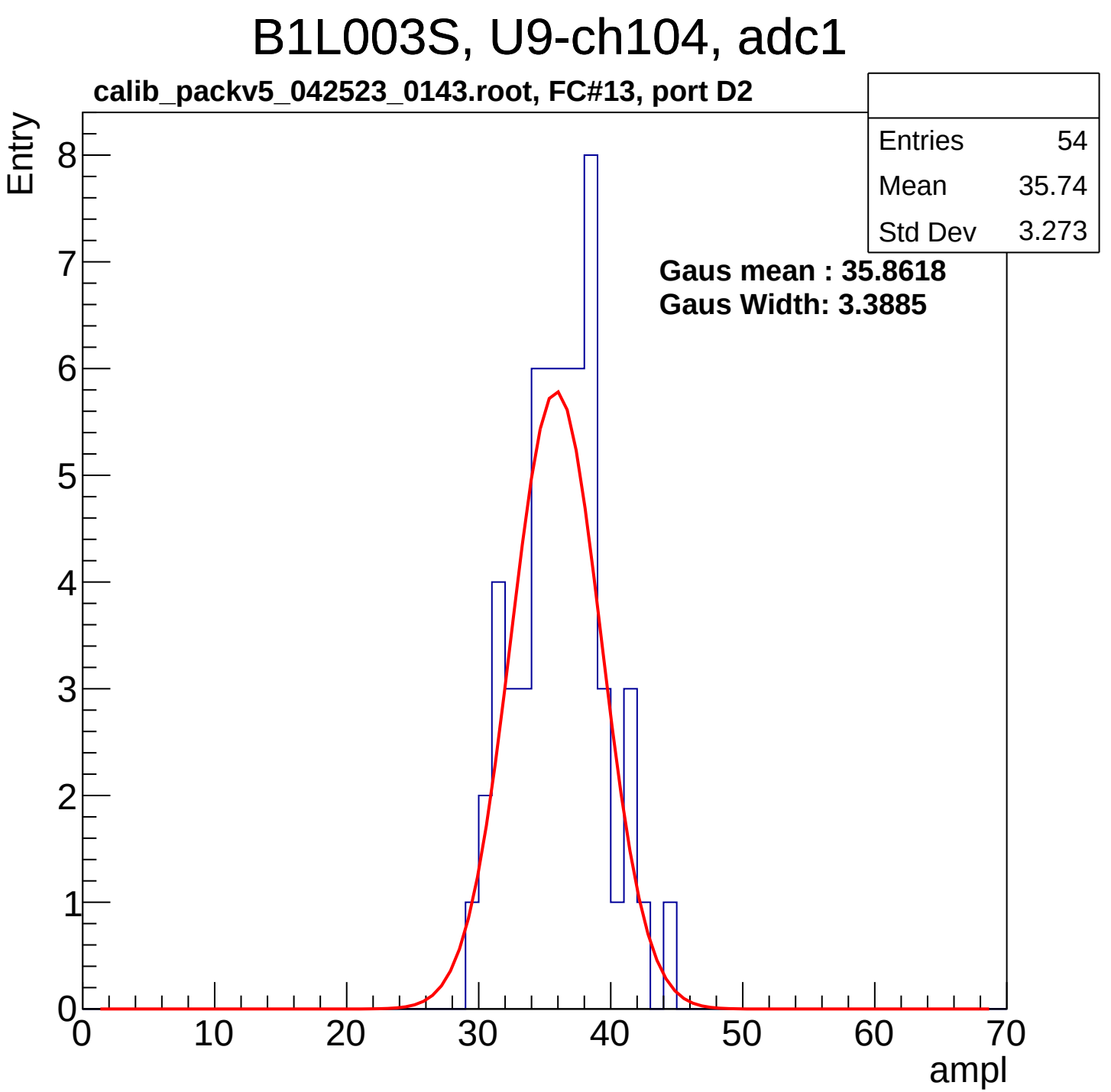
B1L003S, U9-ch104, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 35.74
Std Dev 3.273
Gaus mean : 35.8618
Gaus Width: 3.3885
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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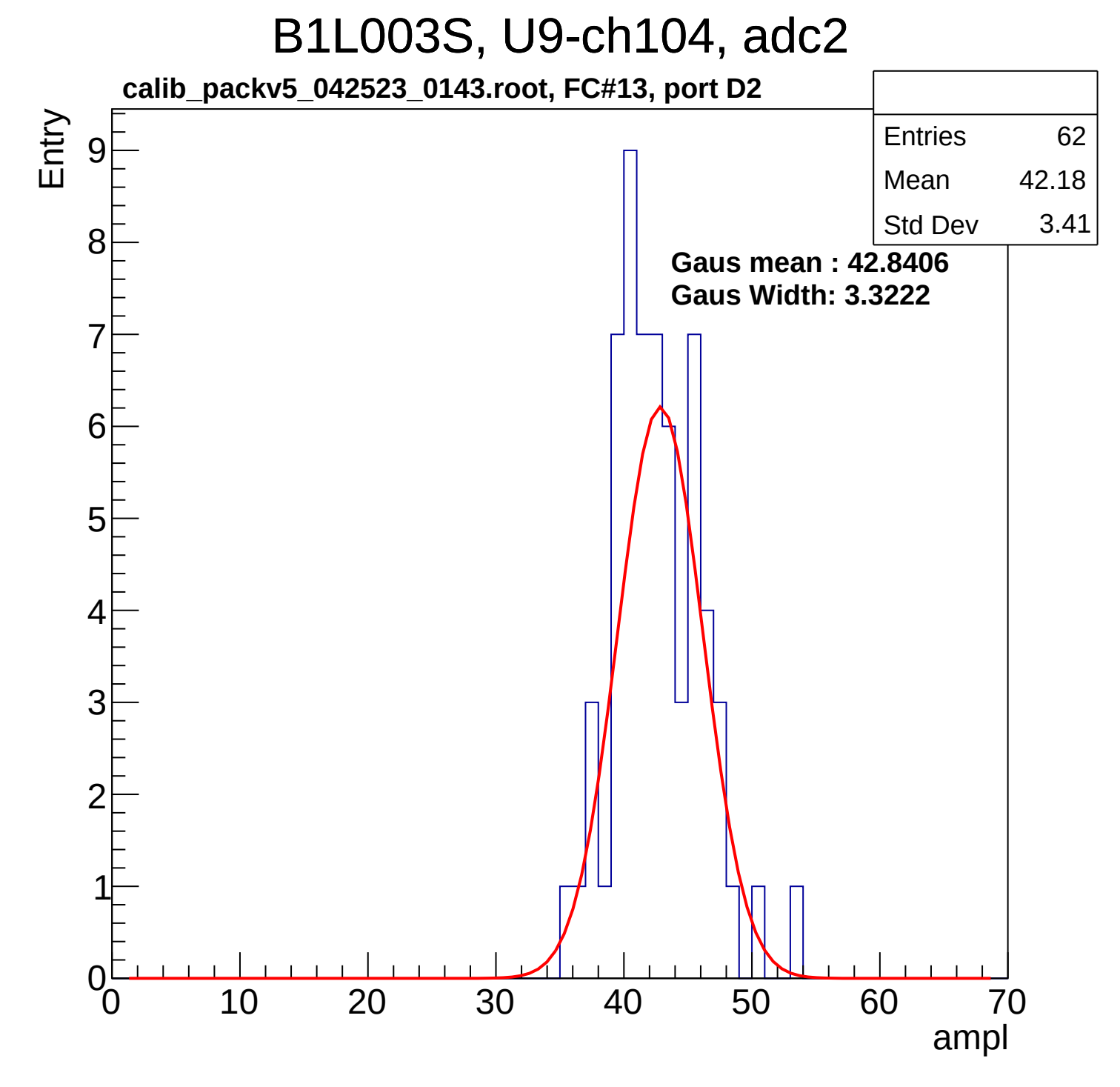
B1L003S, U9-ch104, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 42.18
Std Dev 3.41
Gaus mean : 42.8406
Gaus Width: 3.3222
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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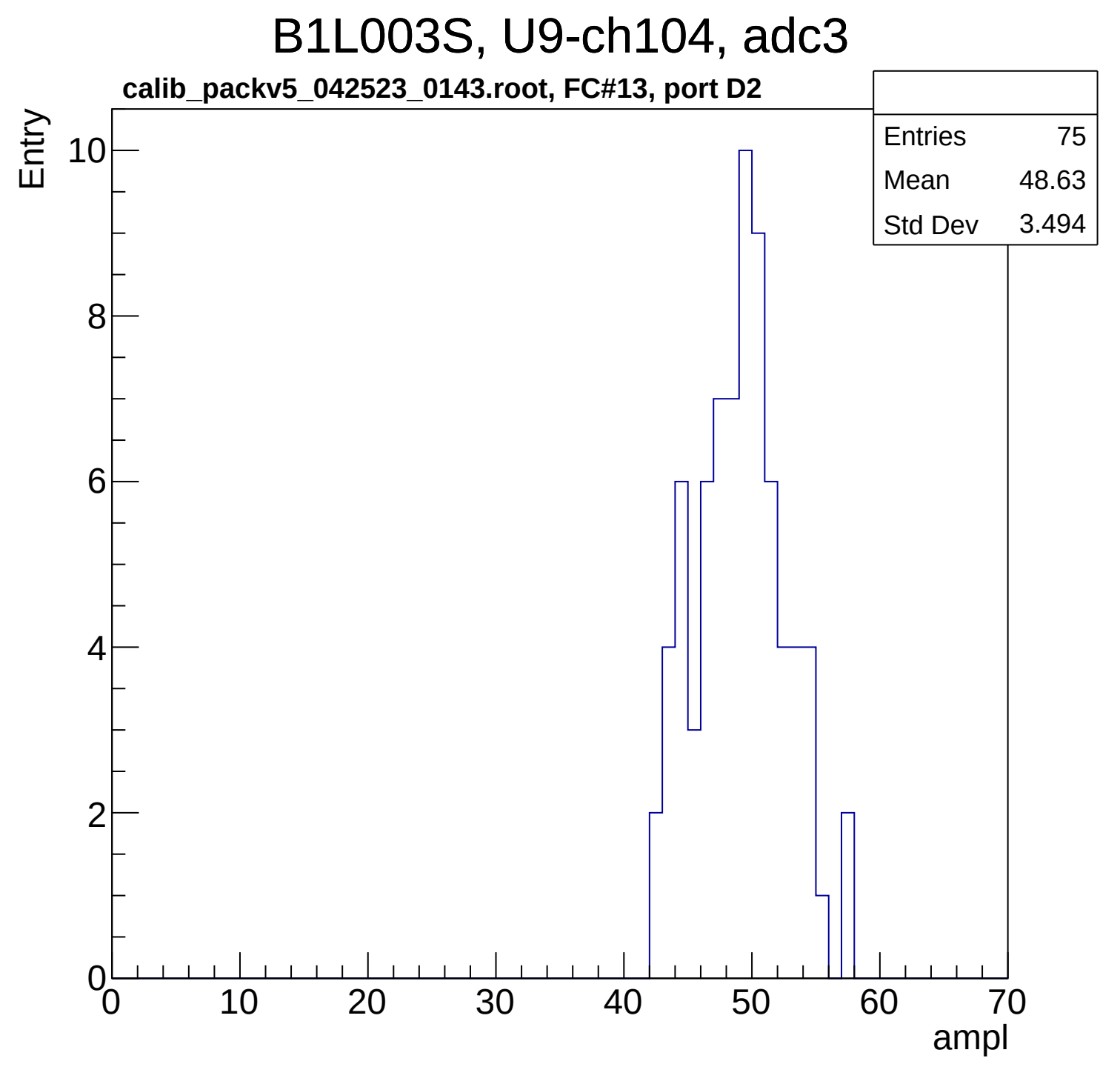
B1L003S, U9-ch104, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 48.63
Std Dev 3.494
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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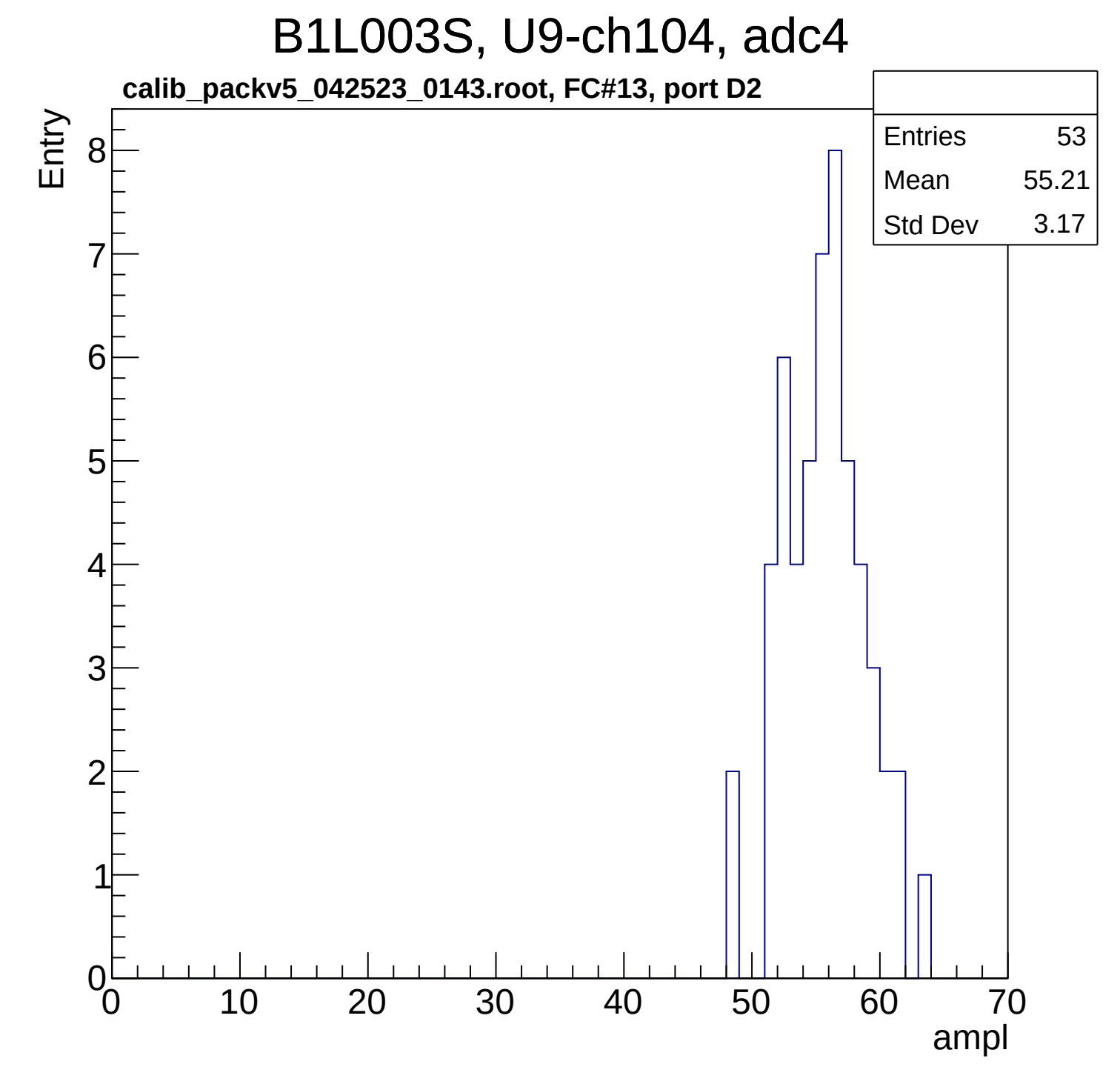
B1L003S, U9-ch104, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 55.21
Std Dev 3.17
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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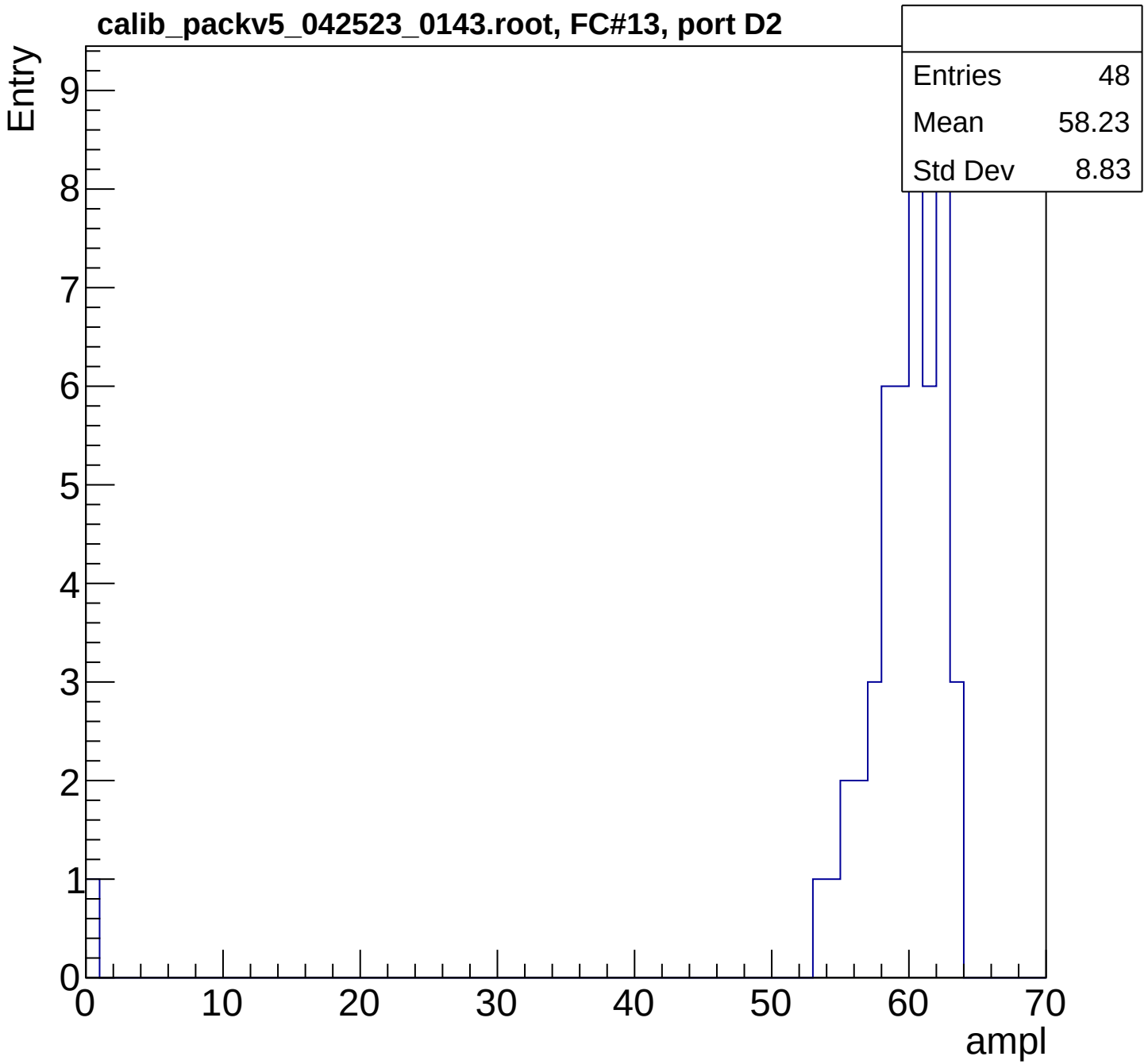
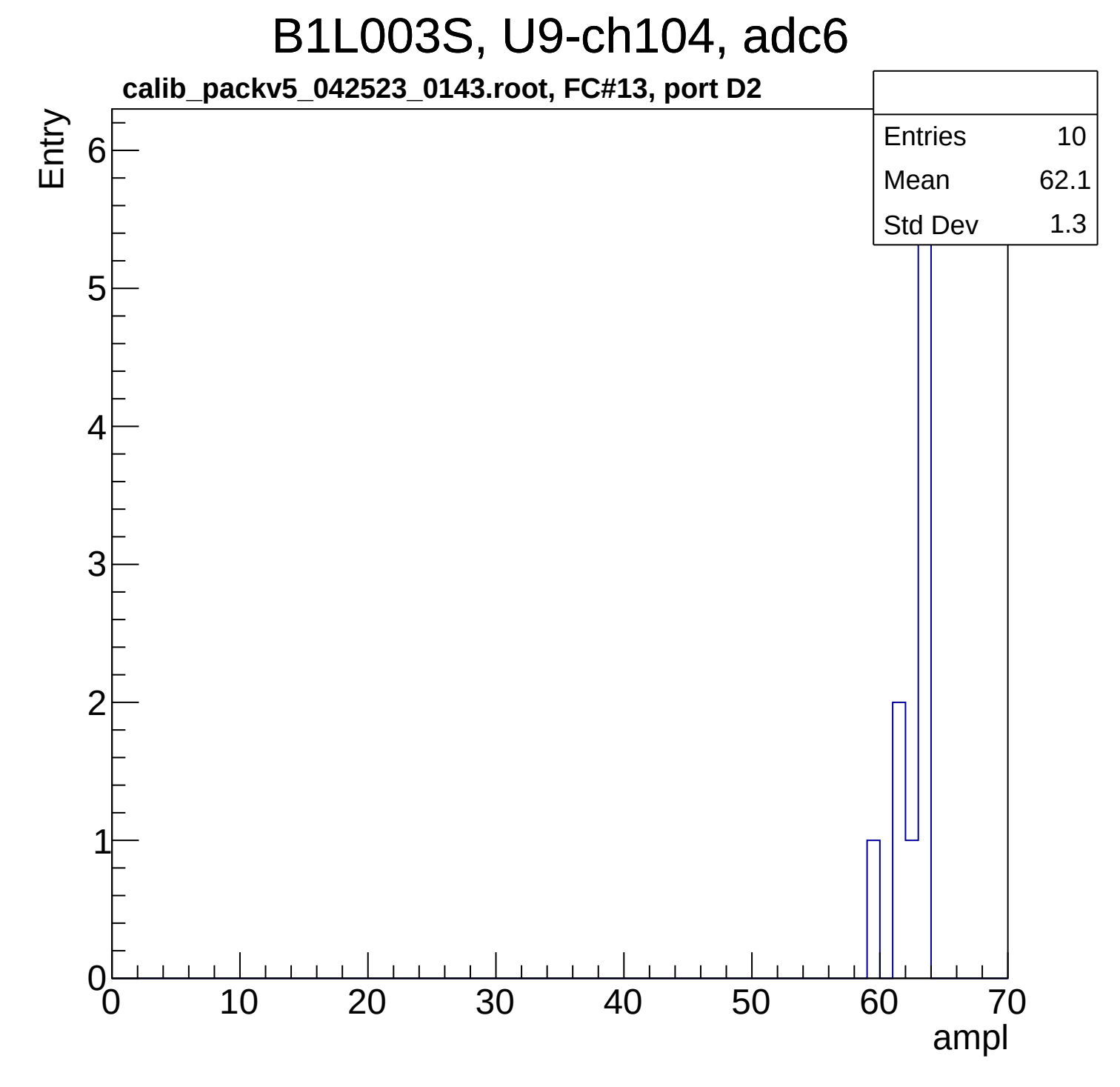
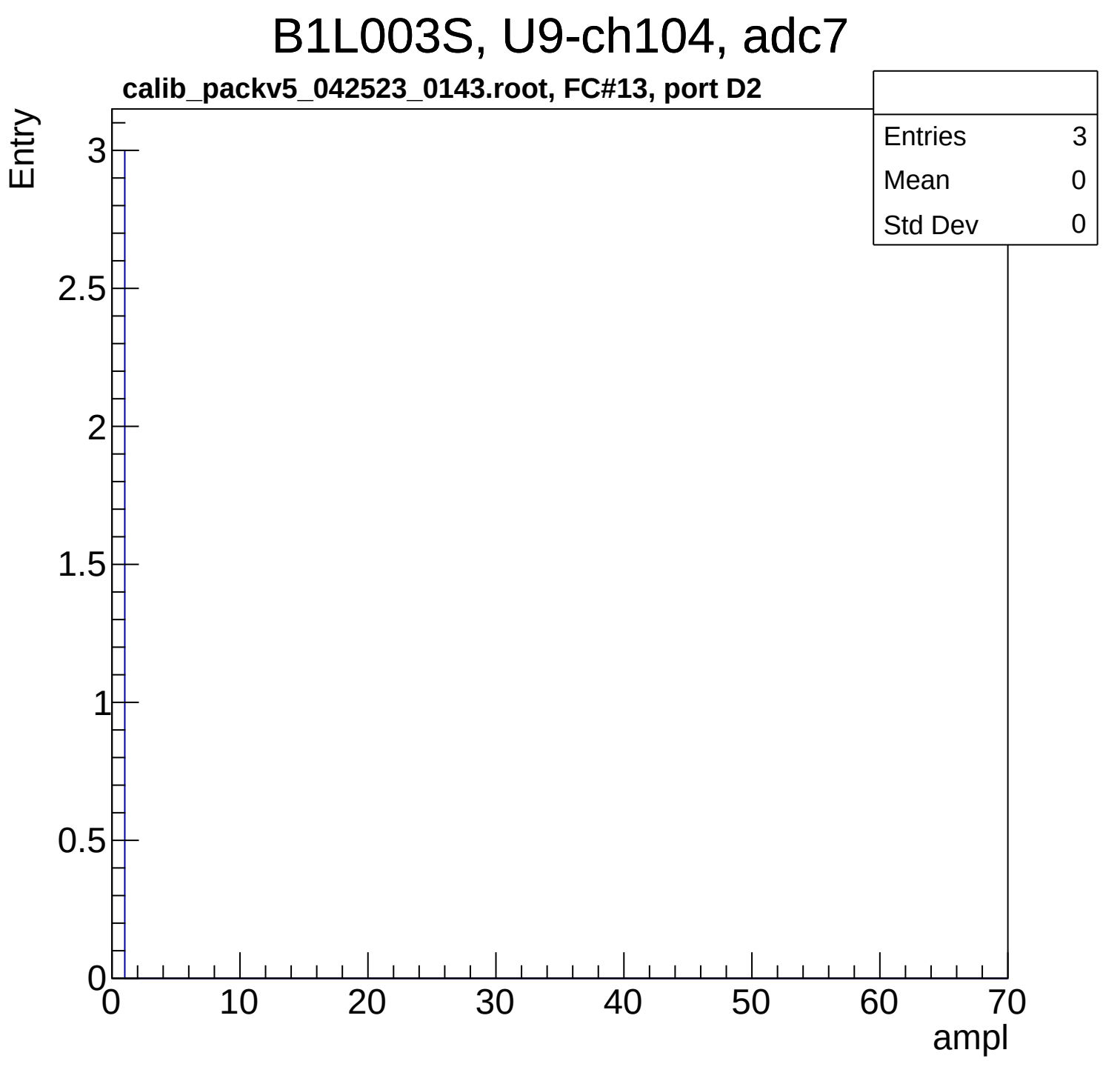
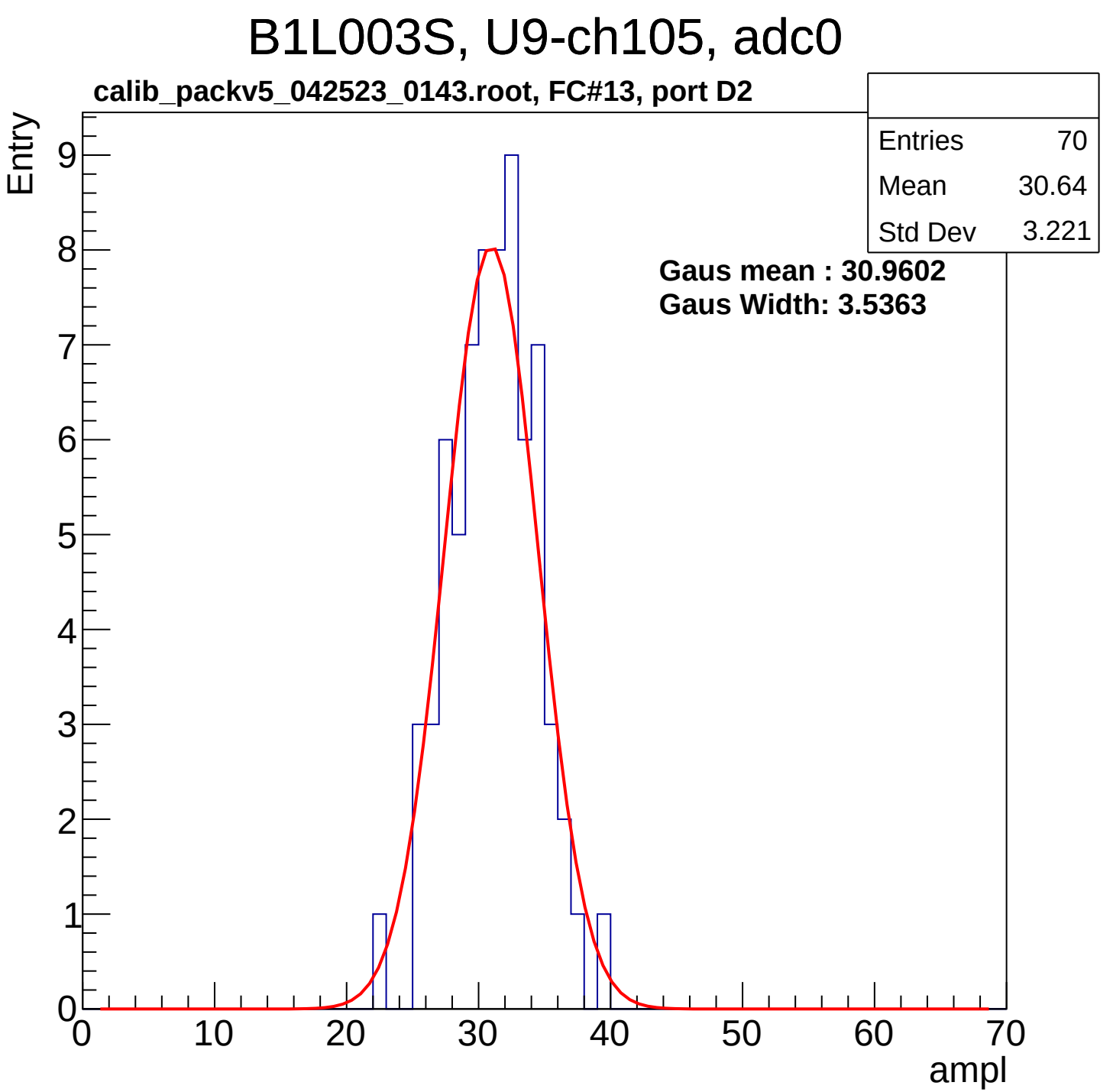
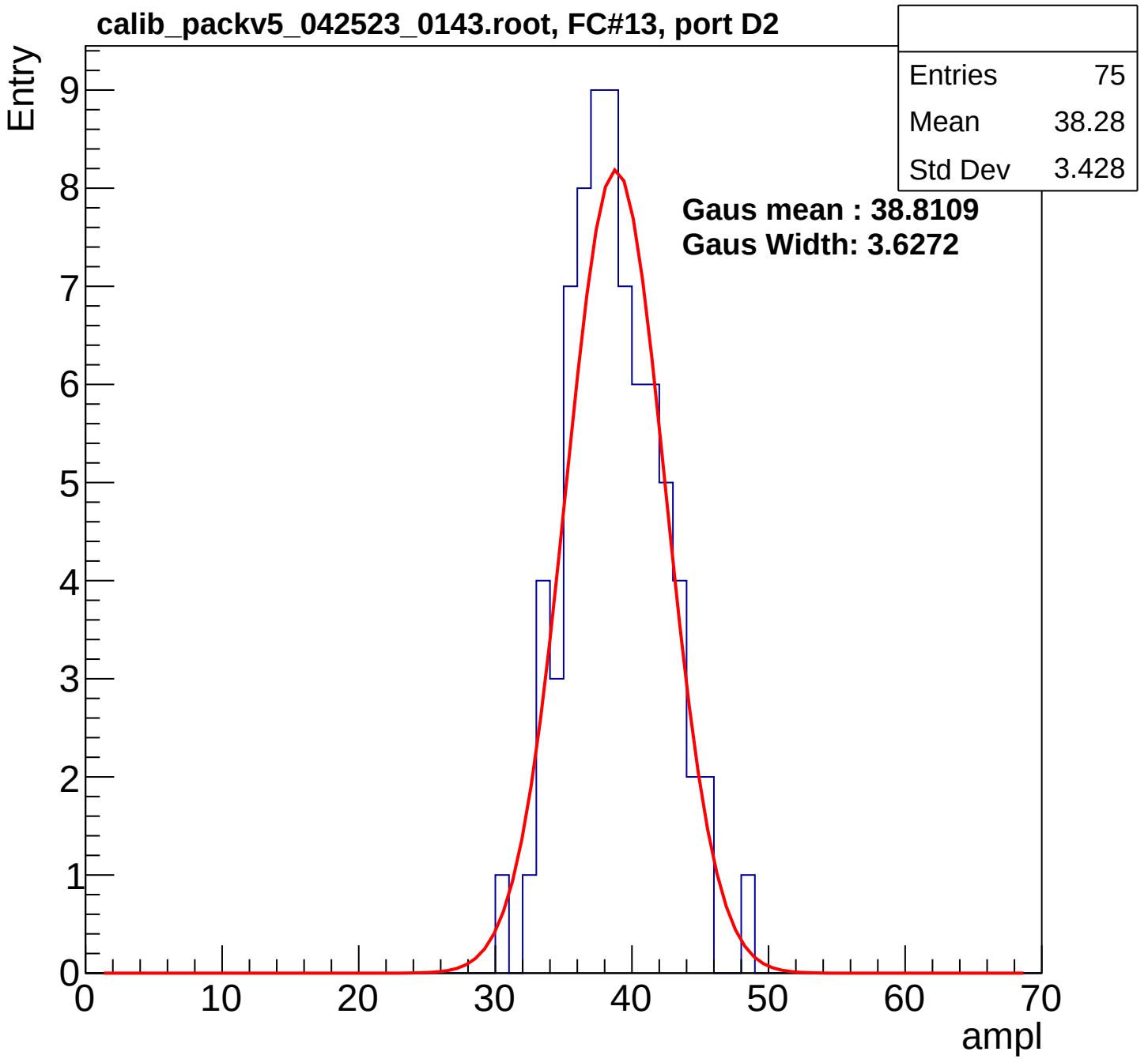
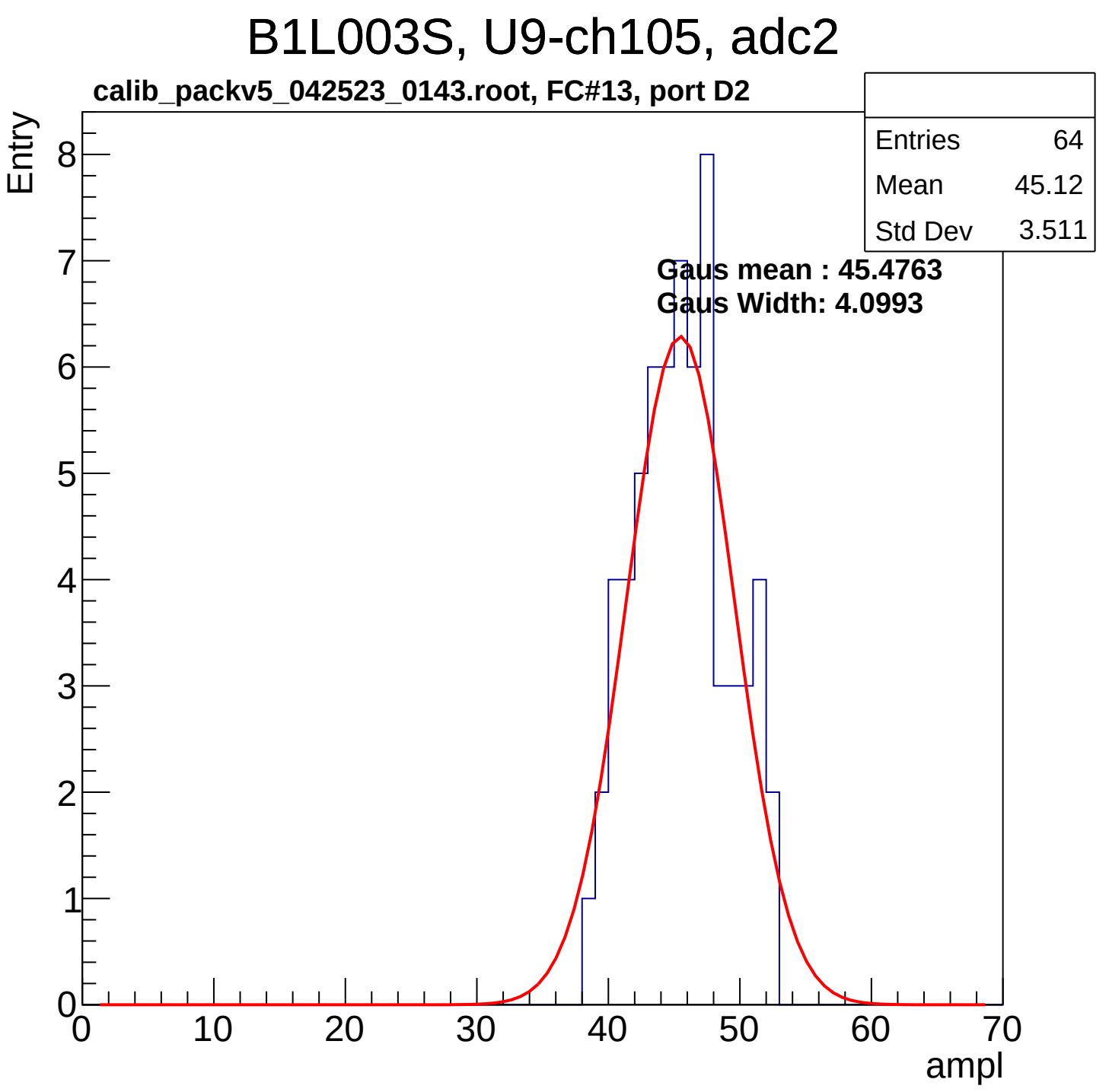

B1L003S, U9-ch104, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 58.23
Std Dev 8.83
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch104, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 62.1
Std Dev 1.3
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch104, adc7
calib_packv5_042523_0143.root, FC#13, port D2
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


B1L003S, U9-ch105, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 30.64
Std Dev 3.221
Gaus mean : 30.9602
Gaus Width: 3.5363
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch105, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 38.28
Std Dev 3.428
Gaus mean : 38.8109
Gaus Width: 3.6272
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch105, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 45.12
Std Dev 3.511
Gaus mean : 45.4763
Gaus Width: 4.0993
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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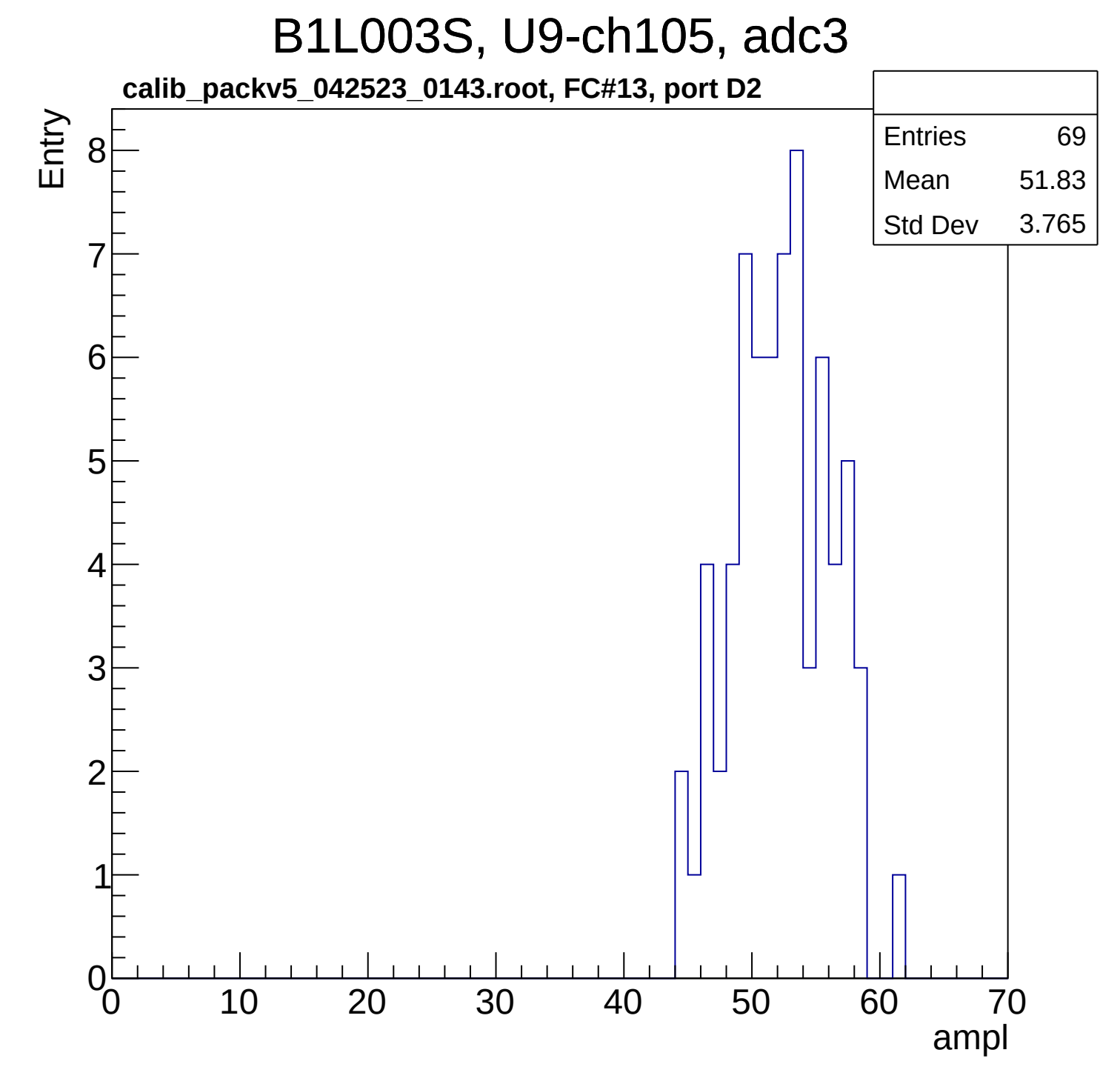
B1L003S, U9-ch105, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 51.83
Std Dev 3.765
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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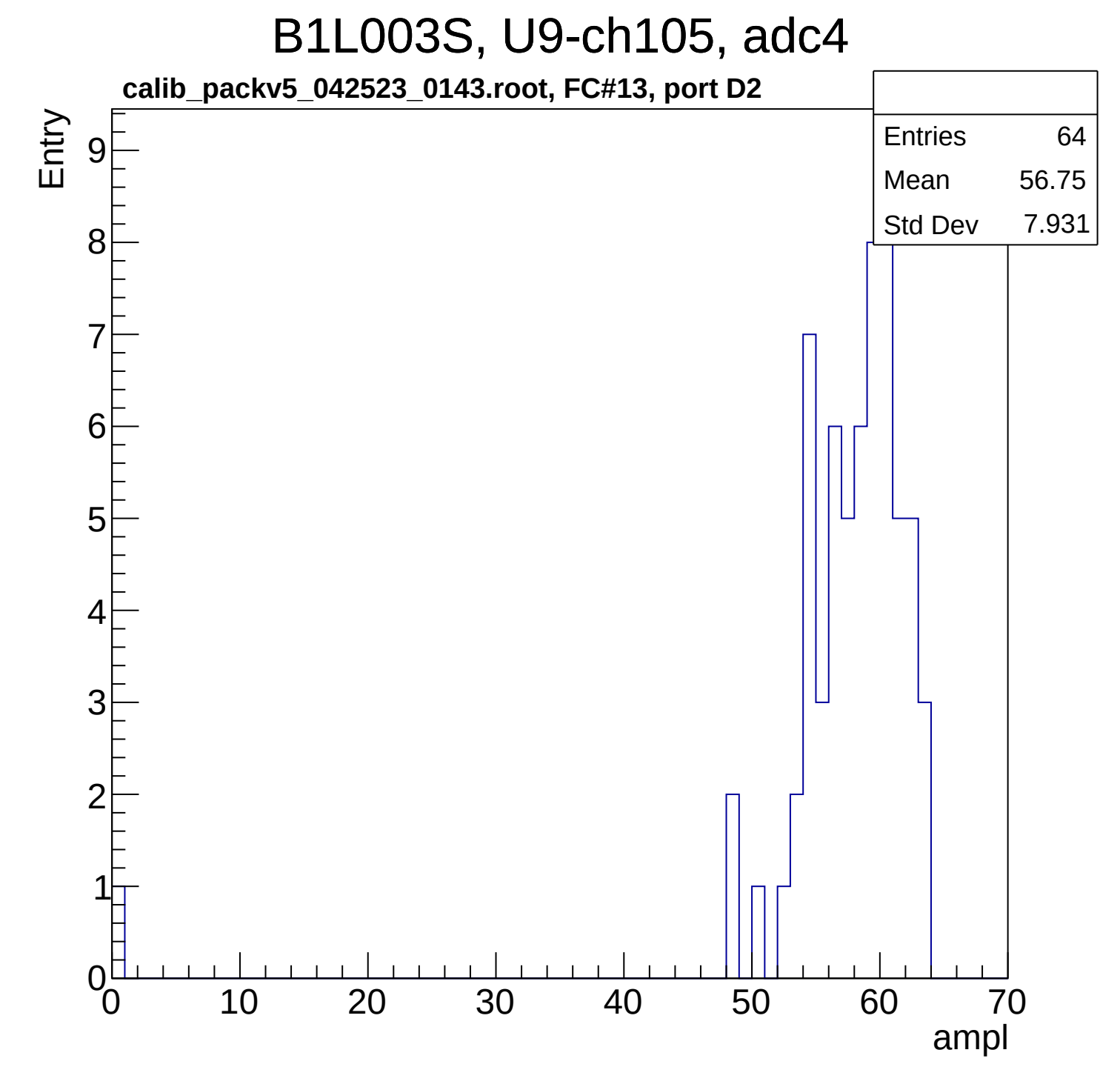
B1L003S, U9-ch105, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 56.75
Std Dev 7.931
Entry
ampl
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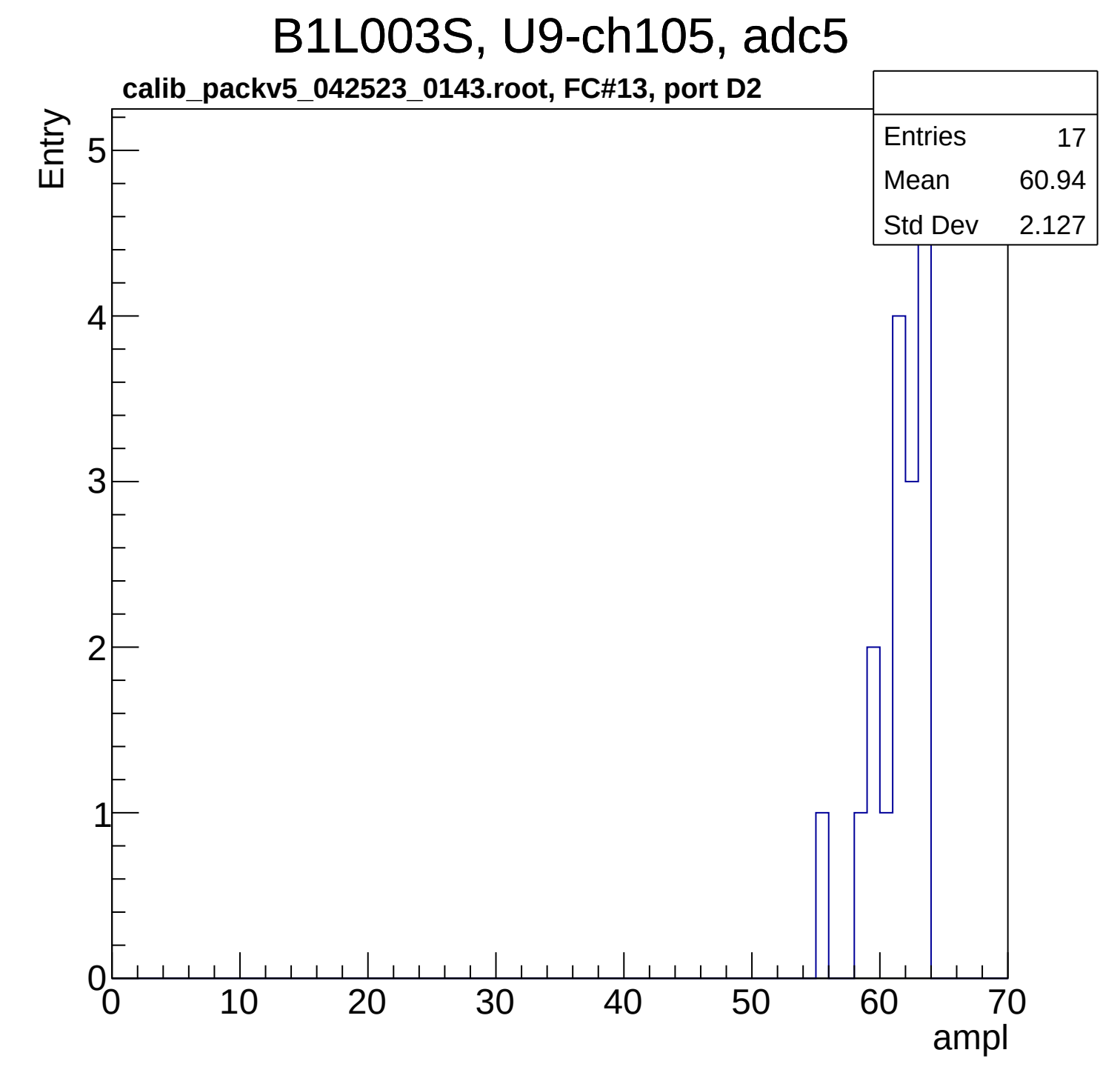
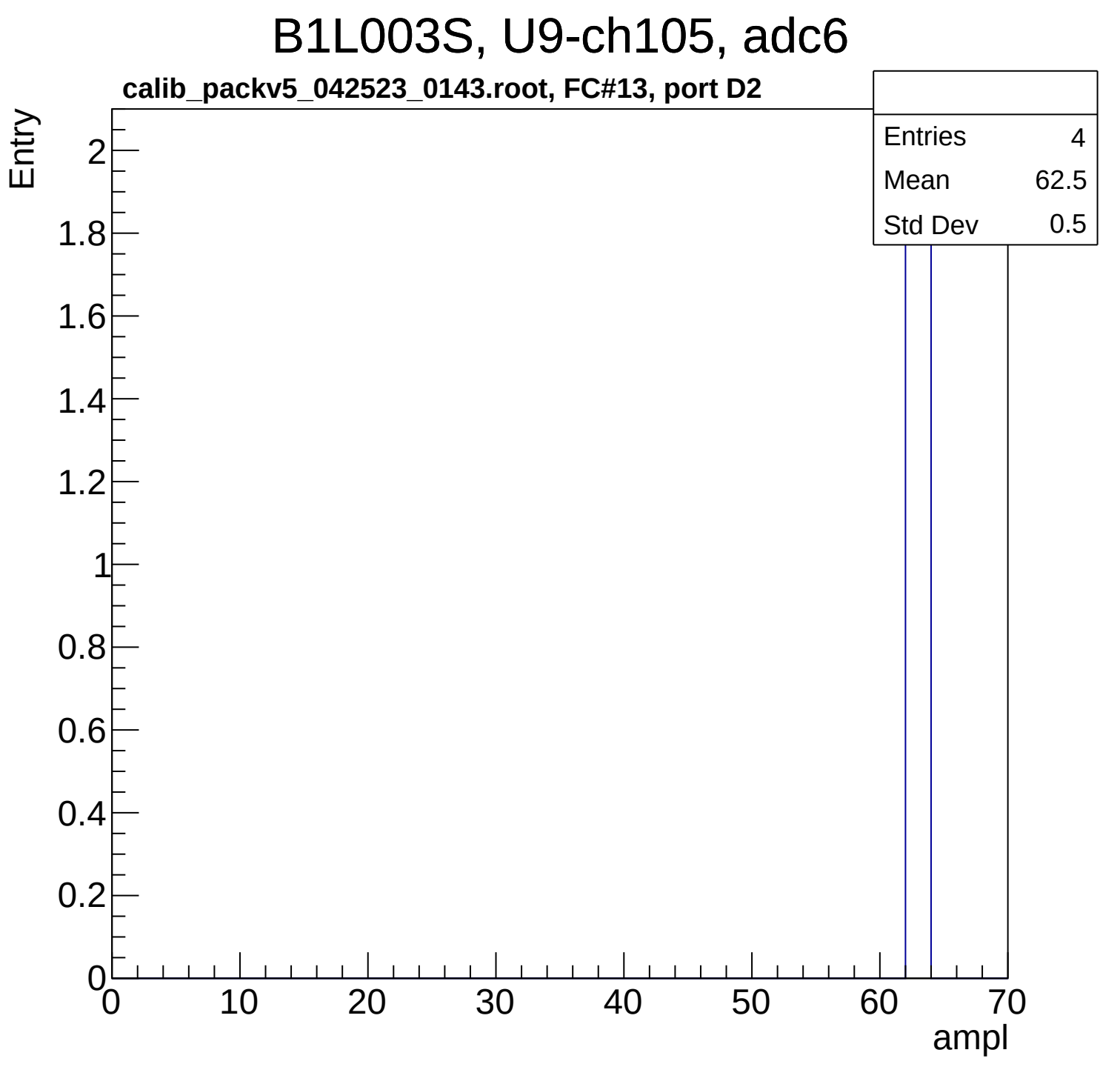
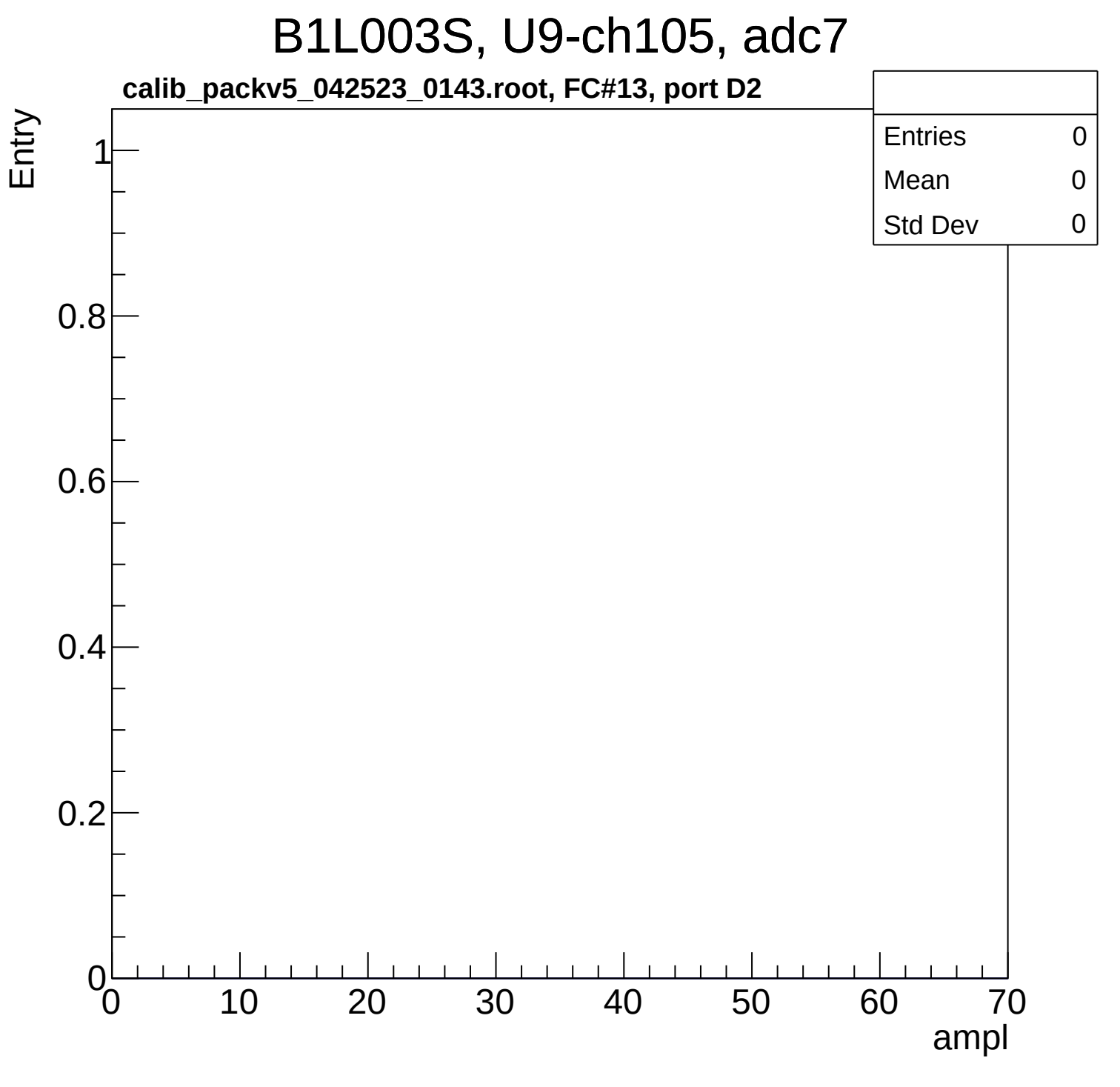
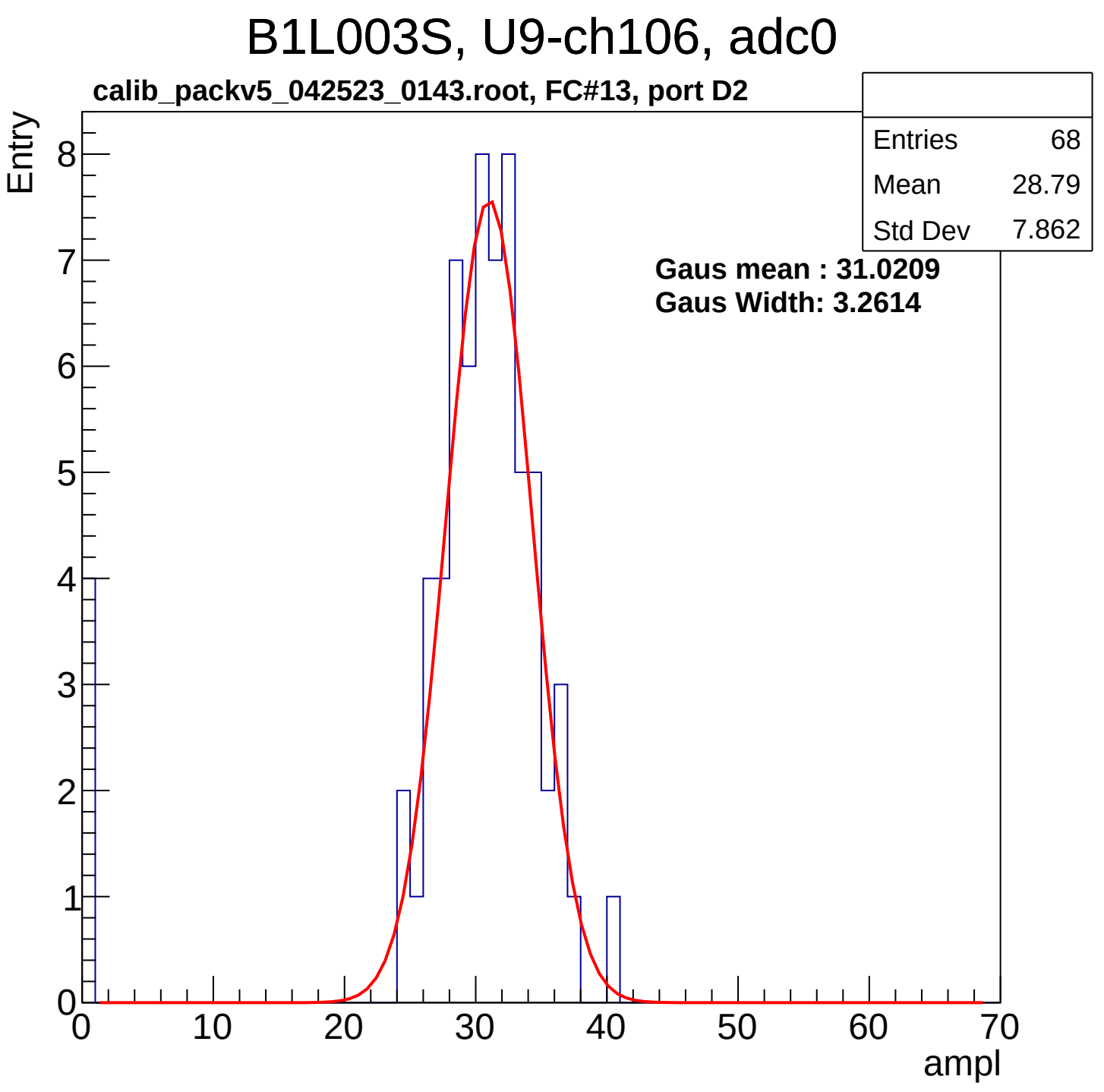
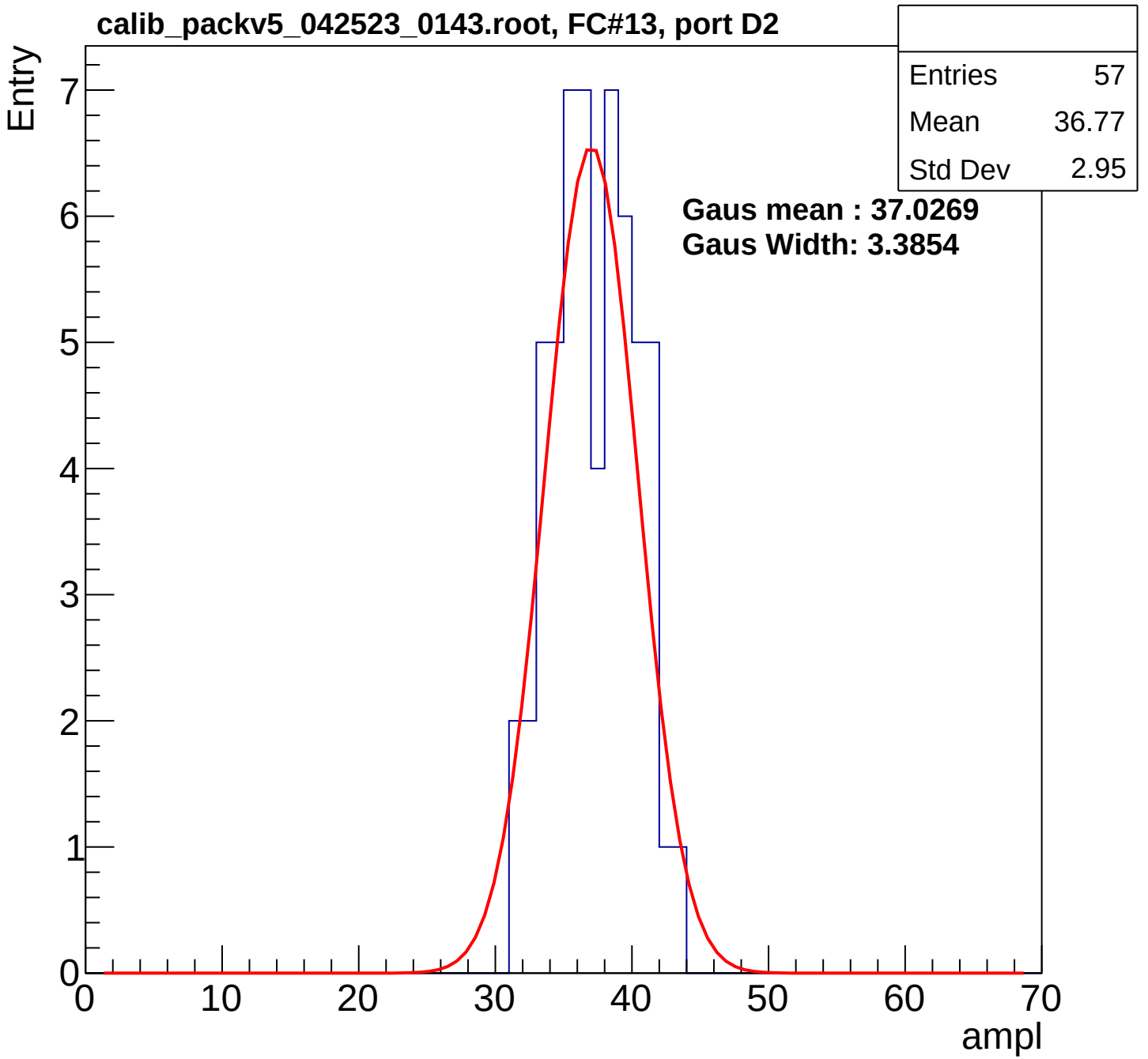
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch105, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 17
Mean 60.94
Std Dev 2.127
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L003S, U9-ch105, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch105, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch106, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 28.79
Std Dev 7.862
Gaus mean : 31.0209
Gaus Width: 3.2614
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch106, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 36.77
Std Dev 2.95
Gaus mean : 37.0269
Gaus Width: 3.3854
Entry
ampl
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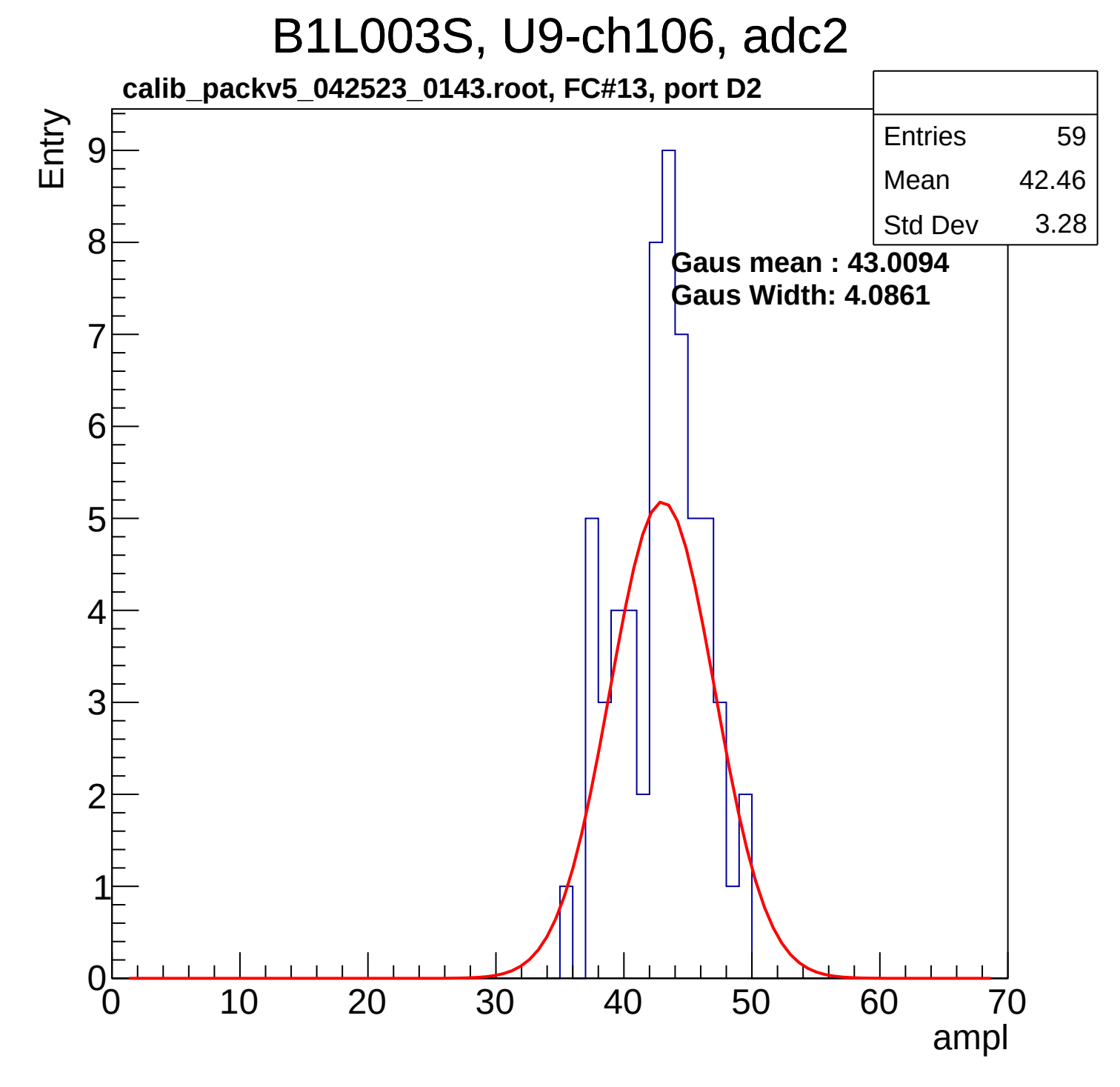
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch106, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 42.46
Std Dev 3.28
Gaus mean : 43.0094
Gaus Width: 4.0861
Entry
ampl
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2
3
4
5
6
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8
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0
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60
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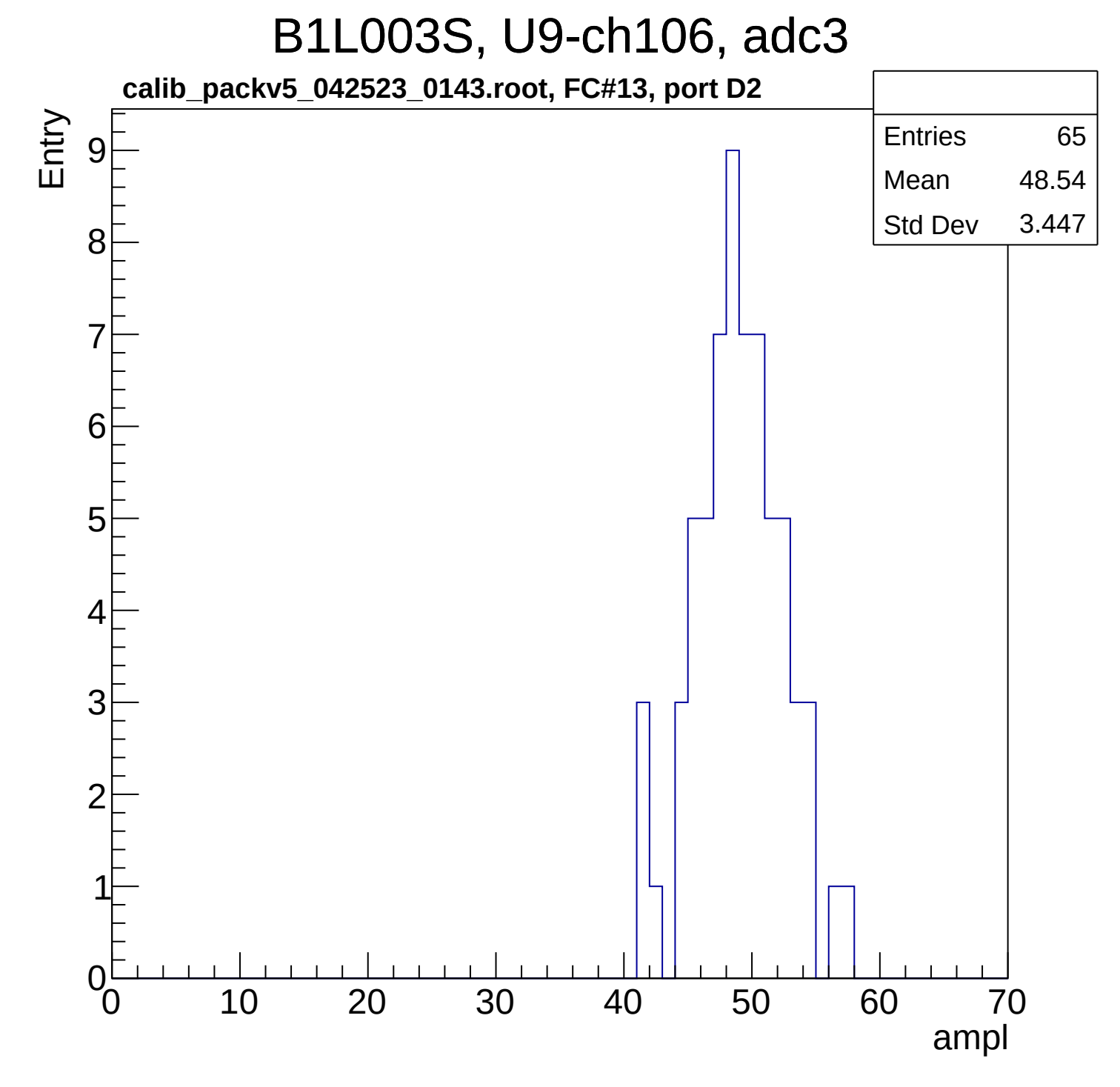
B1L003S, U9-ch106, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 48.54
Std Dev 3.447
Entry
ampl
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60
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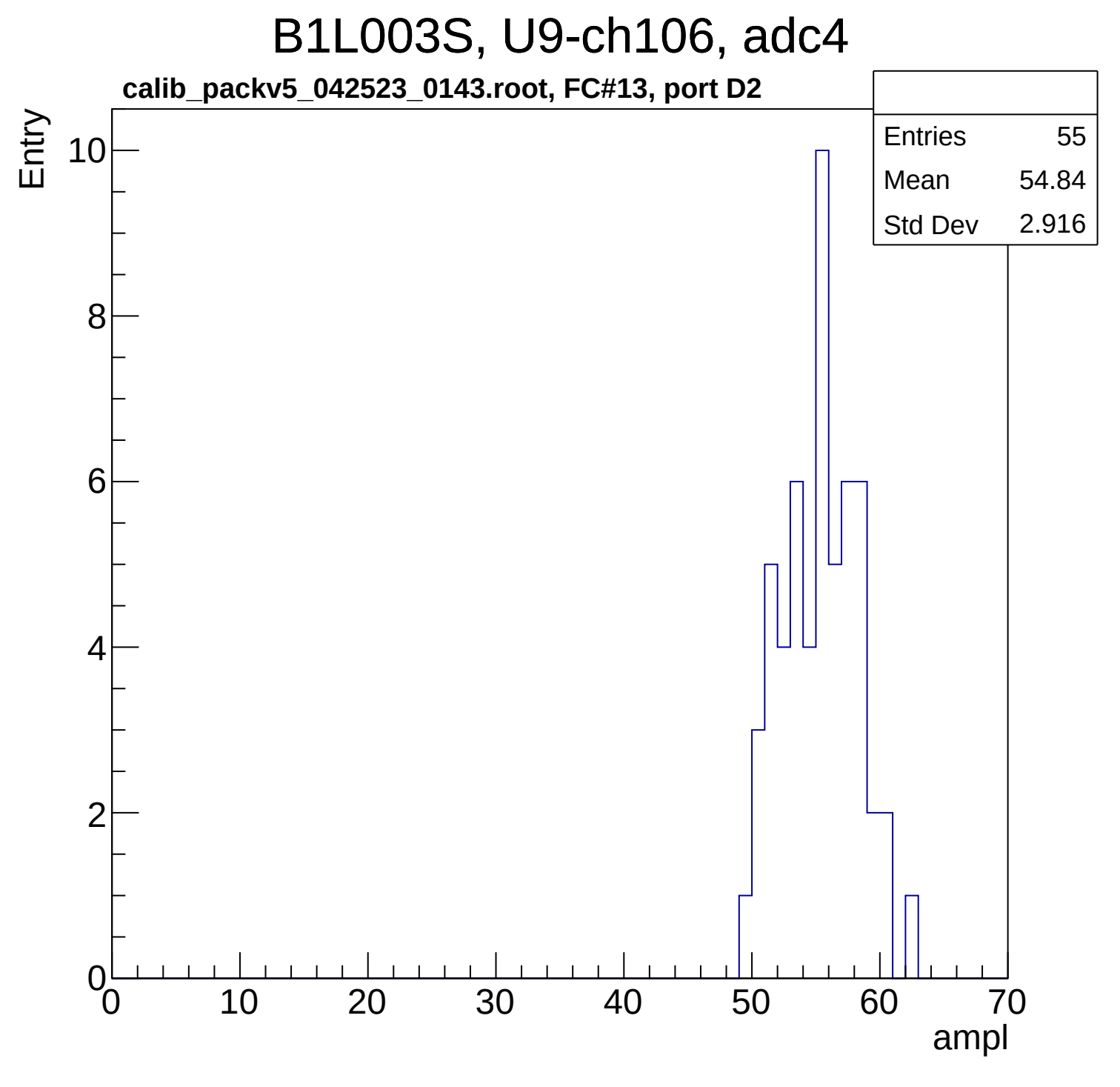
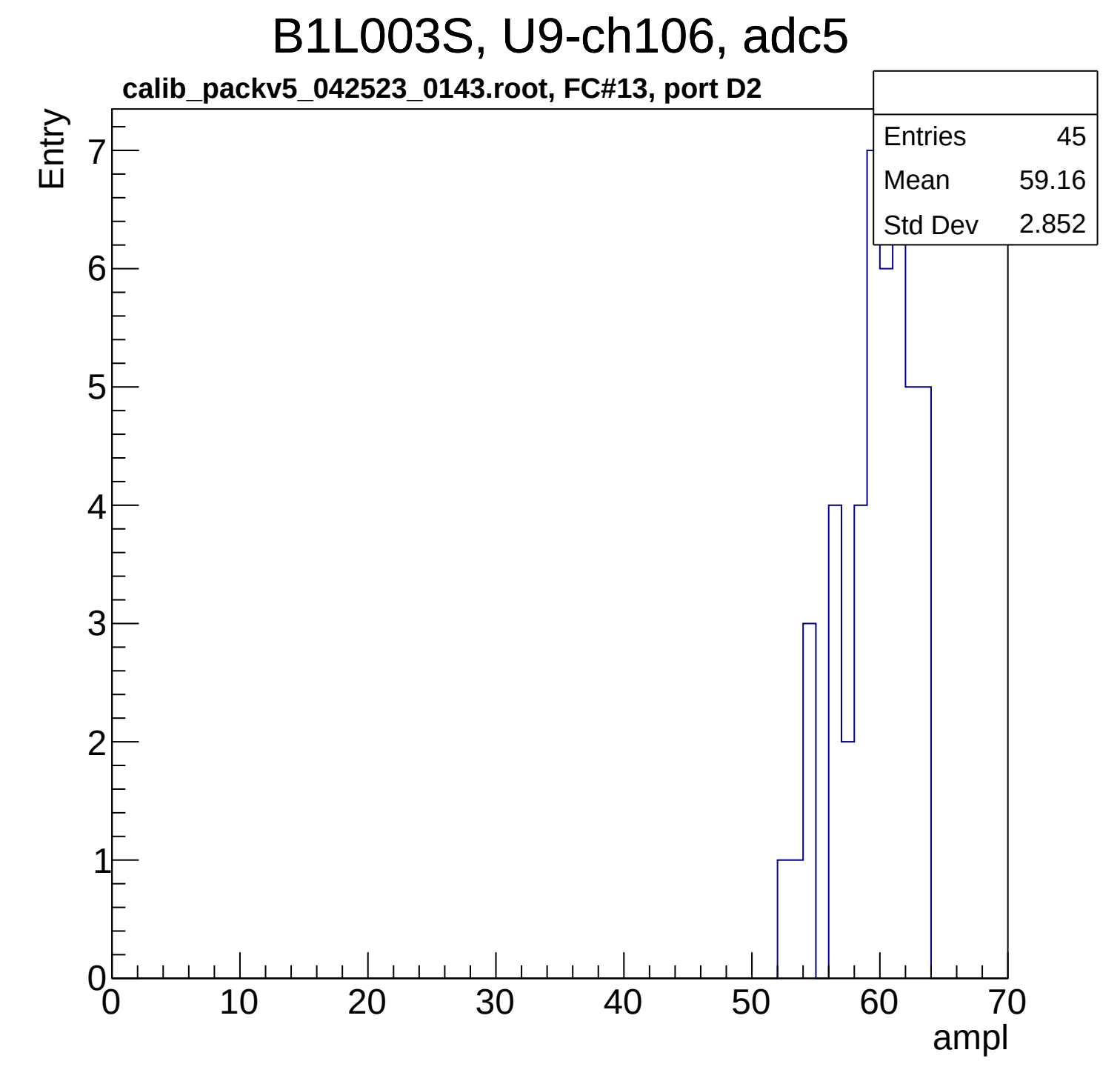

B1L003S, U9-ch106, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 54.84
Std Dev 2.916
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch106, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 59.16
Std Dev 2.852
Entry
ampl
0
1
2
3
4
5
6
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0
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60
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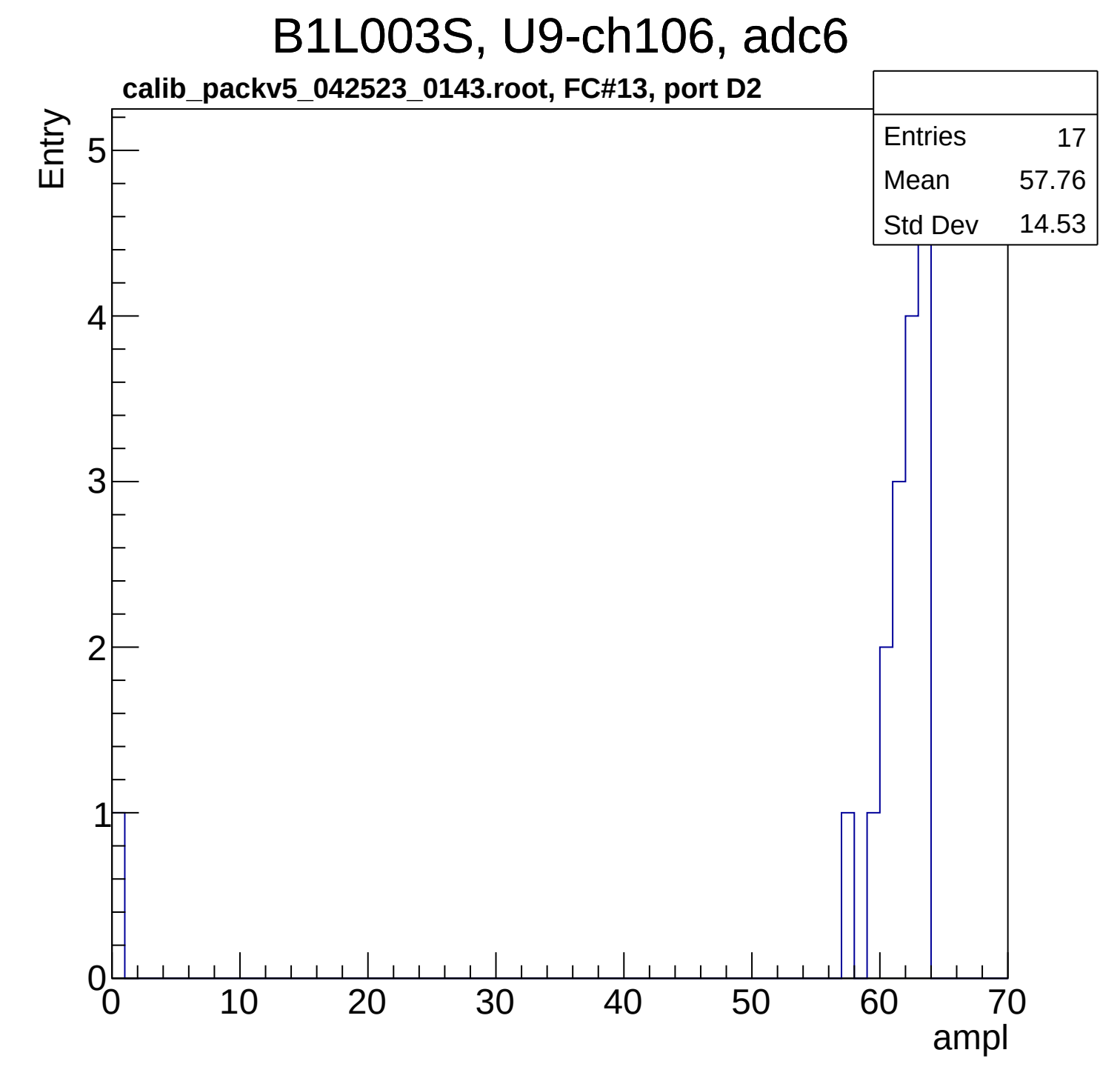
B1L003S, U9-ch106, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 17
Mean 57.76
Std Dev 14.53
Entry
ampl
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3
4
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40
50
60
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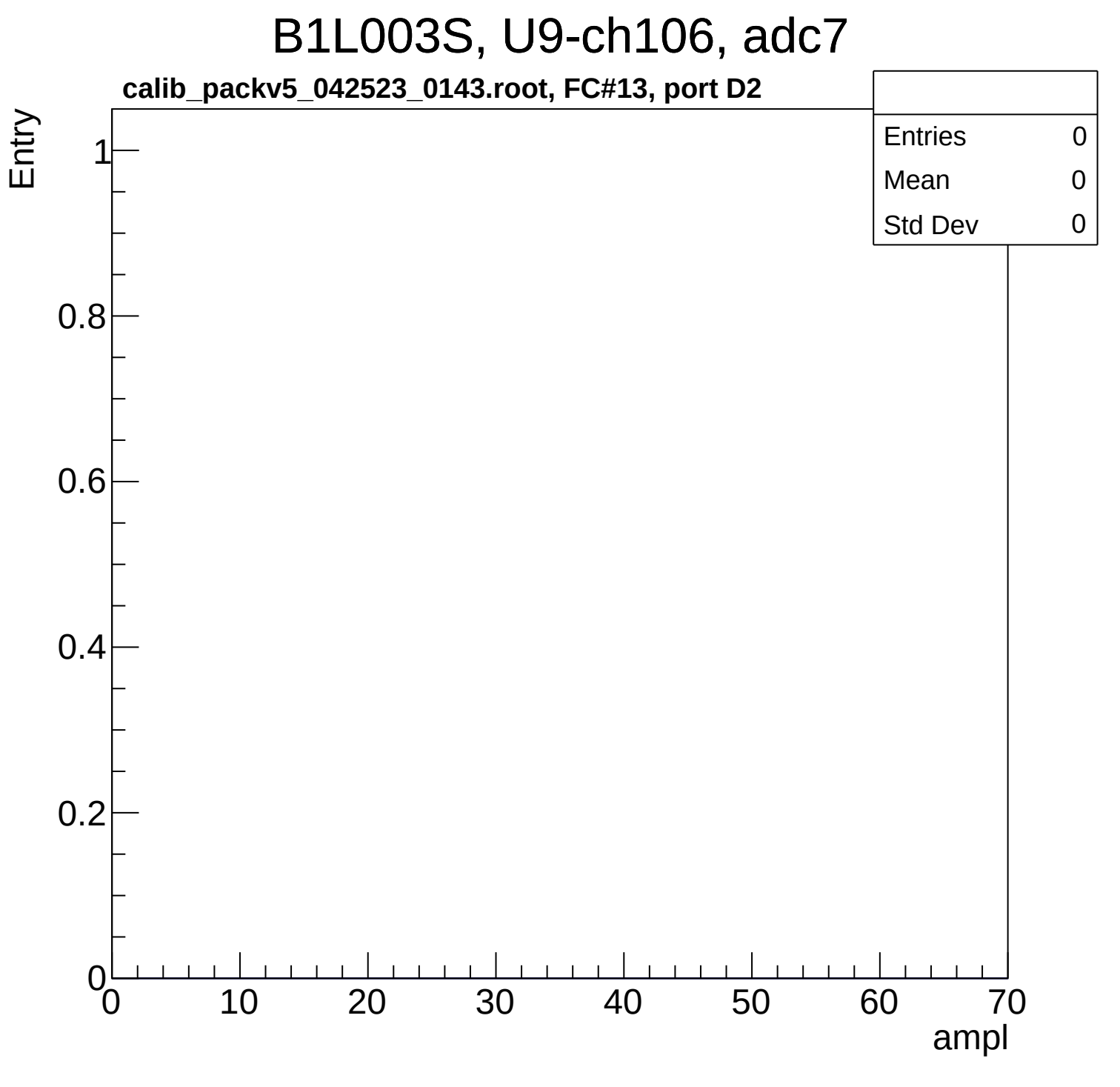
B1L003S, U9-ch106, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
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0
0
10
20
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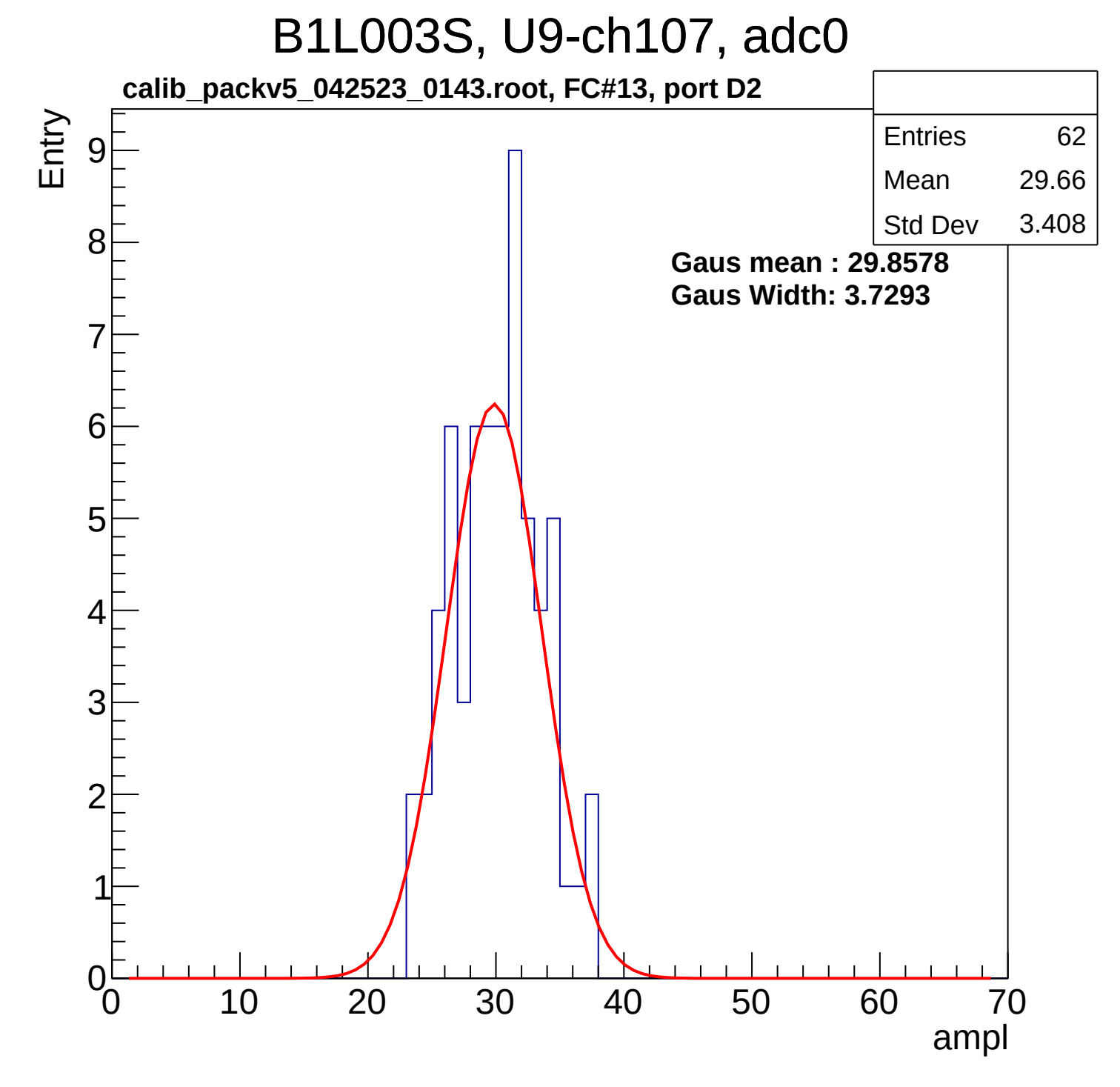
40
50
60
70
ampl


B1L003S, U9-ch107, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 29.66
Std Dev 3.408
Gaus mean : 29.8578
Gaus Width: 3.7293
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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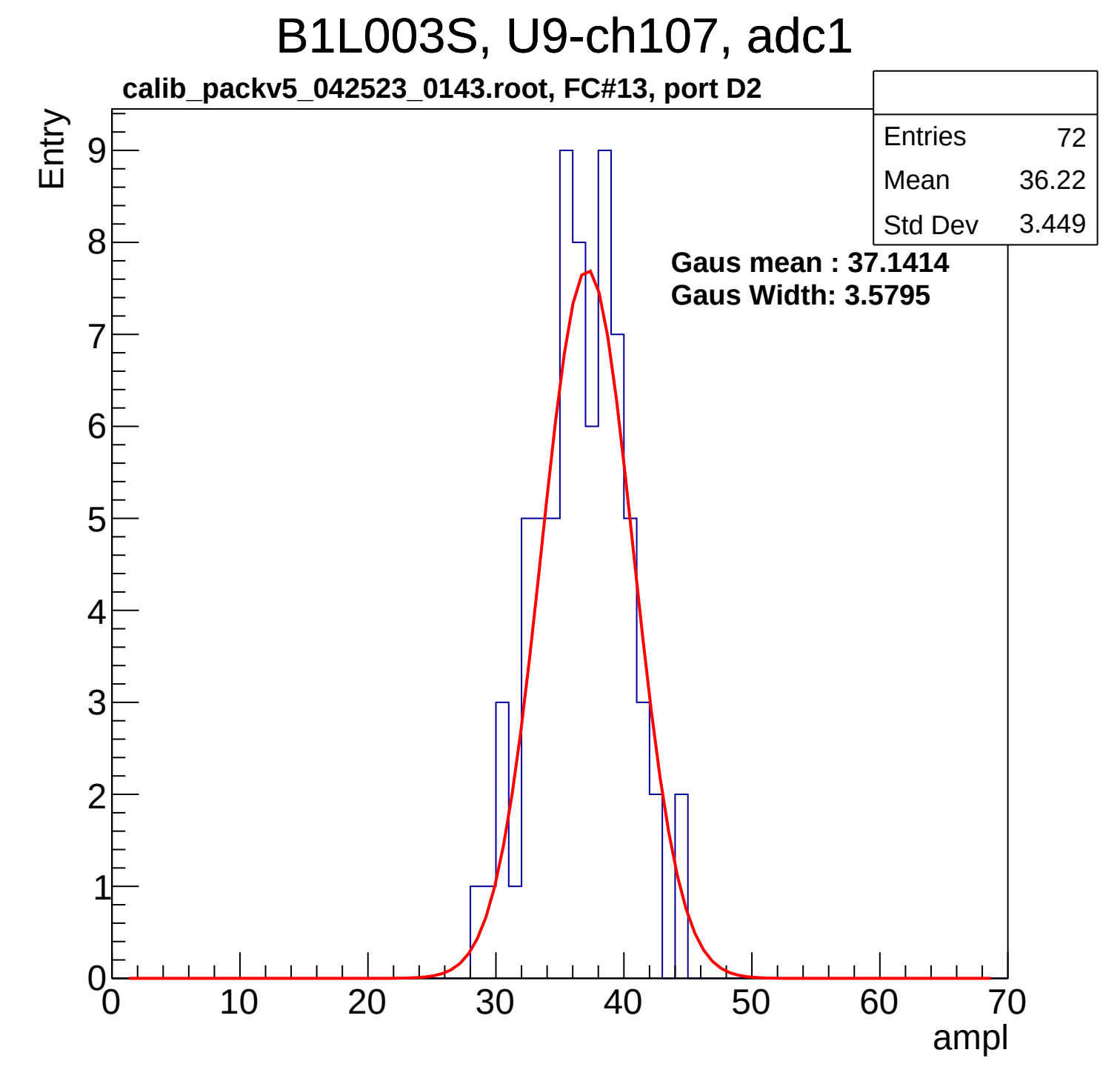
B1L003S, U9-ch107, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 36.22
Std Dev 3.449
Gaus mean : 37.1414
Gaus Width: 3.5795
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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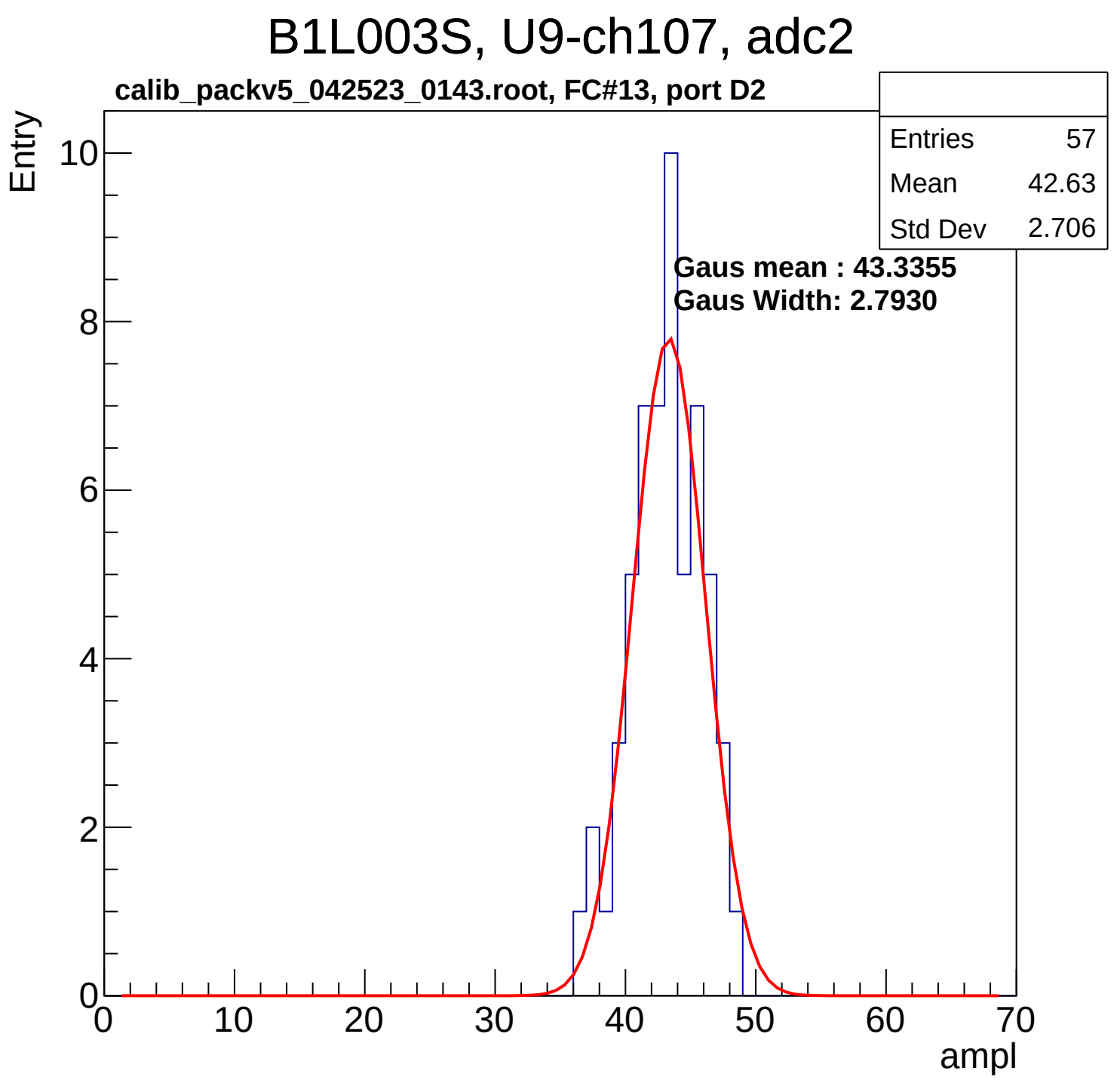
B1L003S, U9-ch107, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 42.63
Std Dev 2.706
Gaus mean : 43.3355
Gaus Width: 2.7930
Entry
ampl
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6
8
10
0
10
20
30
40
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60
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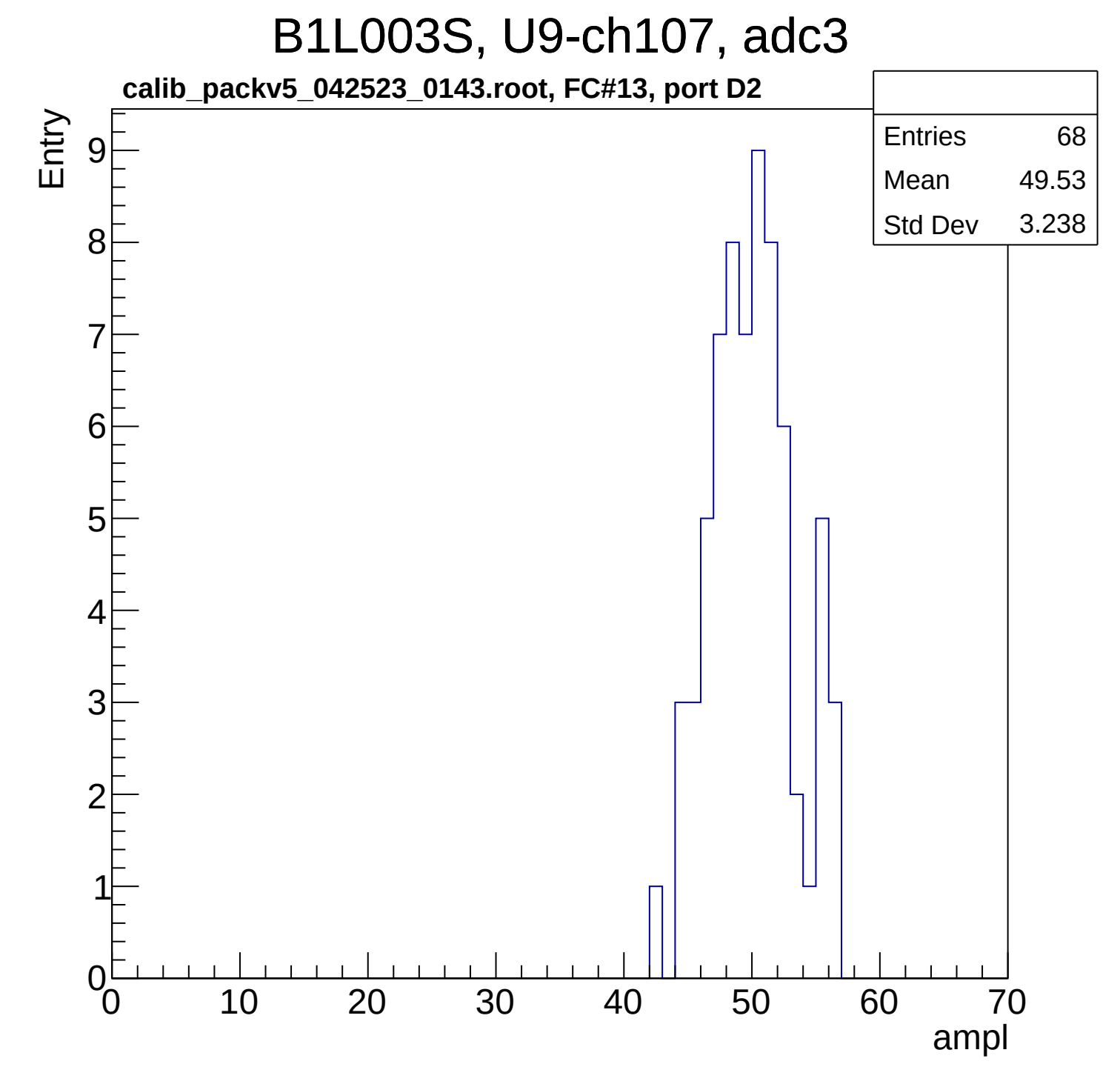
B1L003S, U9-ch107, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 49.53
Std Dev 3.238
Entry
ampl
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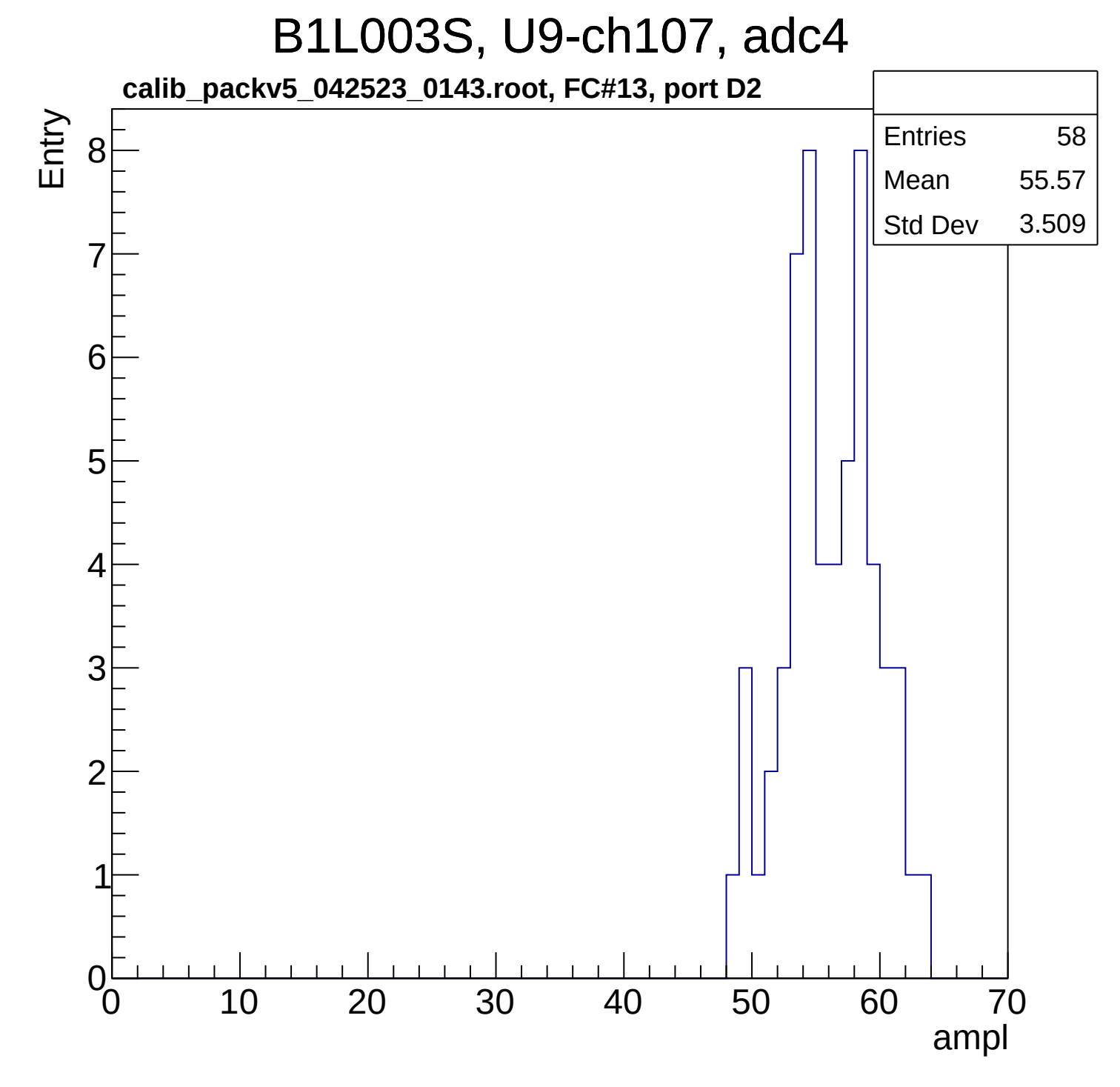
B1L003S, U9-ch107, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 55.57
Std Dev 3.509
Entry
ampl
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2
3
4
5
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0
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20
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40
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60
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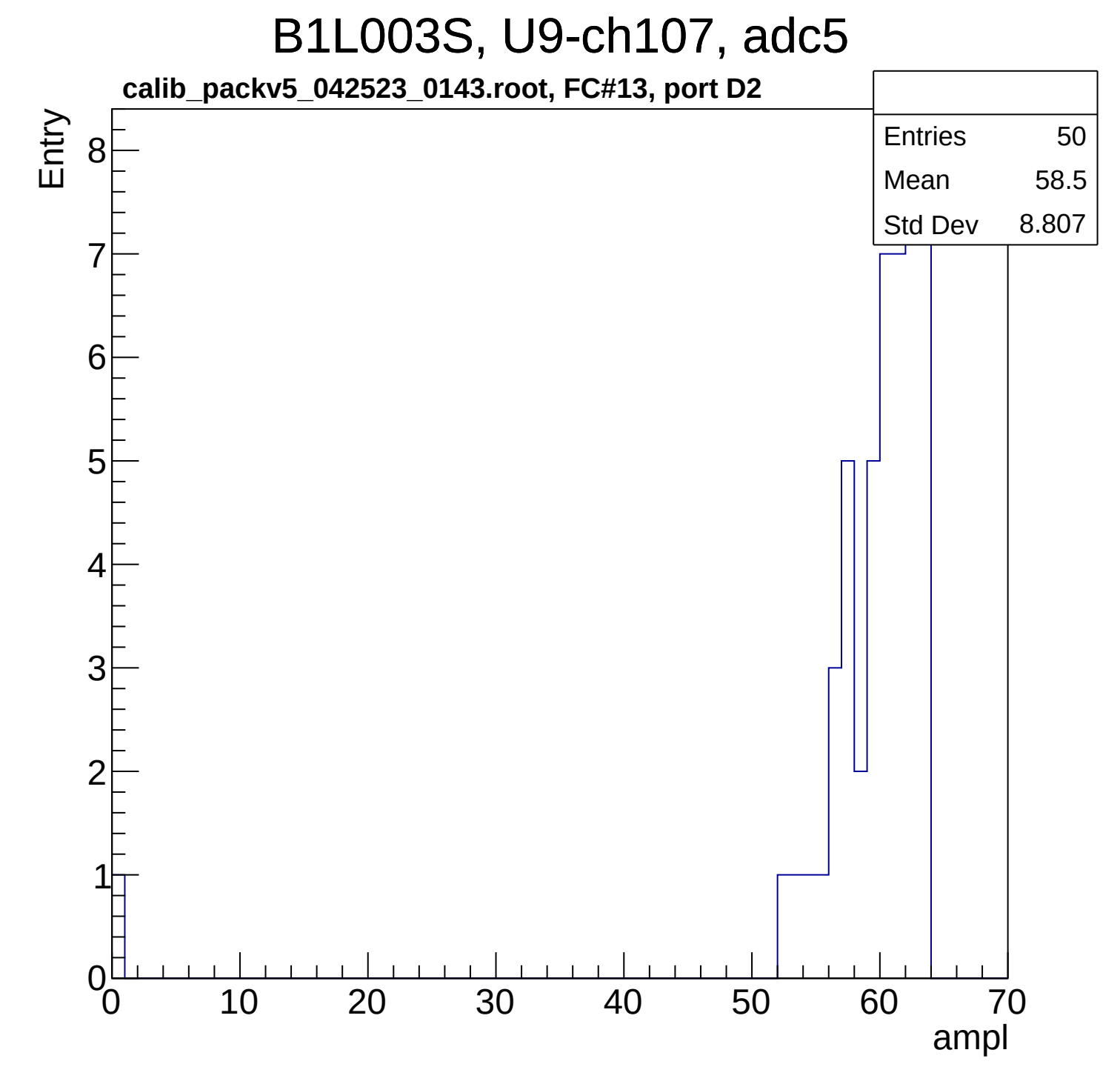
B1L003S, U9-ch107, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 58.5
Std Dev 8.807
Entry
ampl
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1
2
3
4
5
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0
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20
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40
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60
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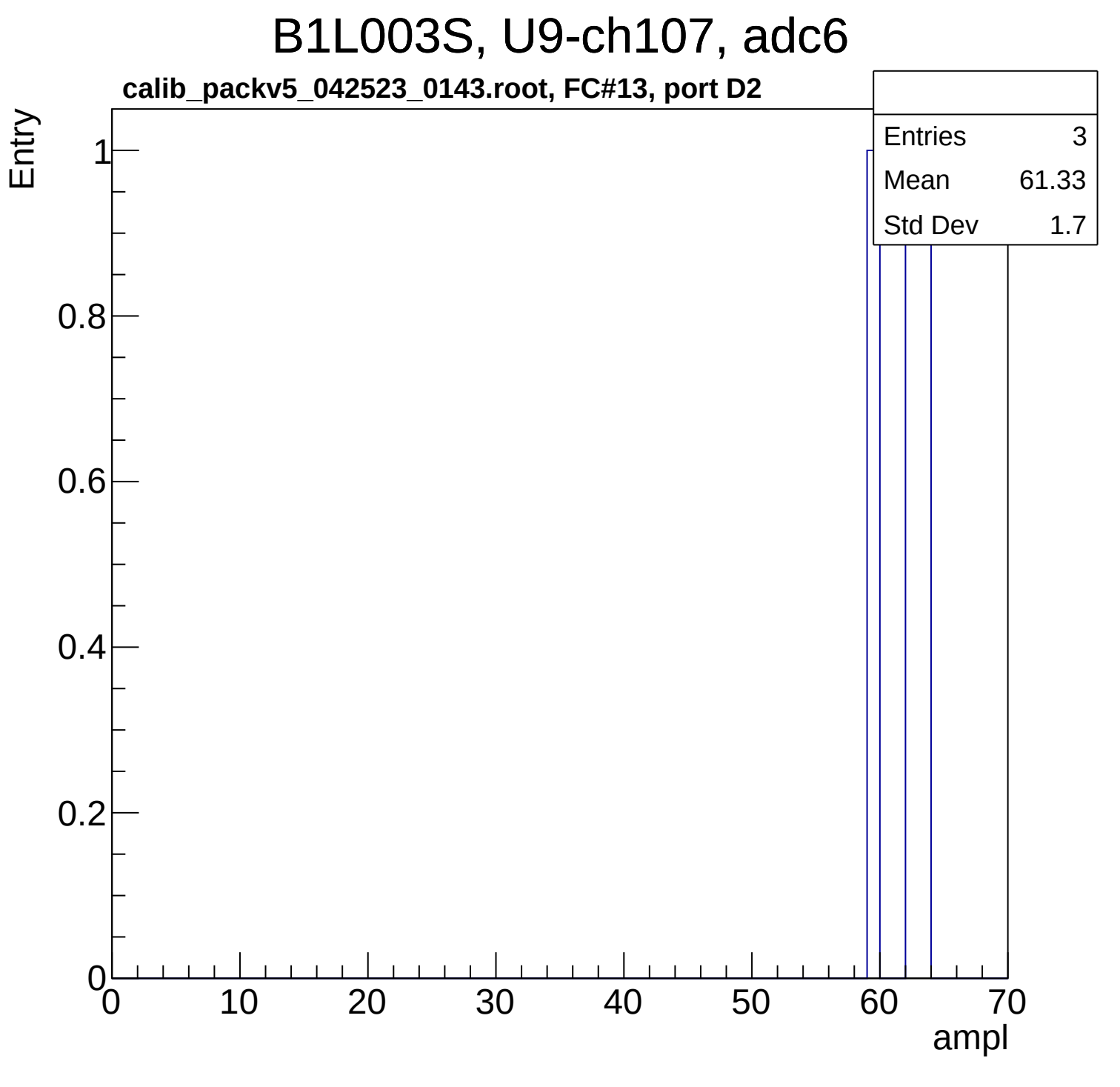
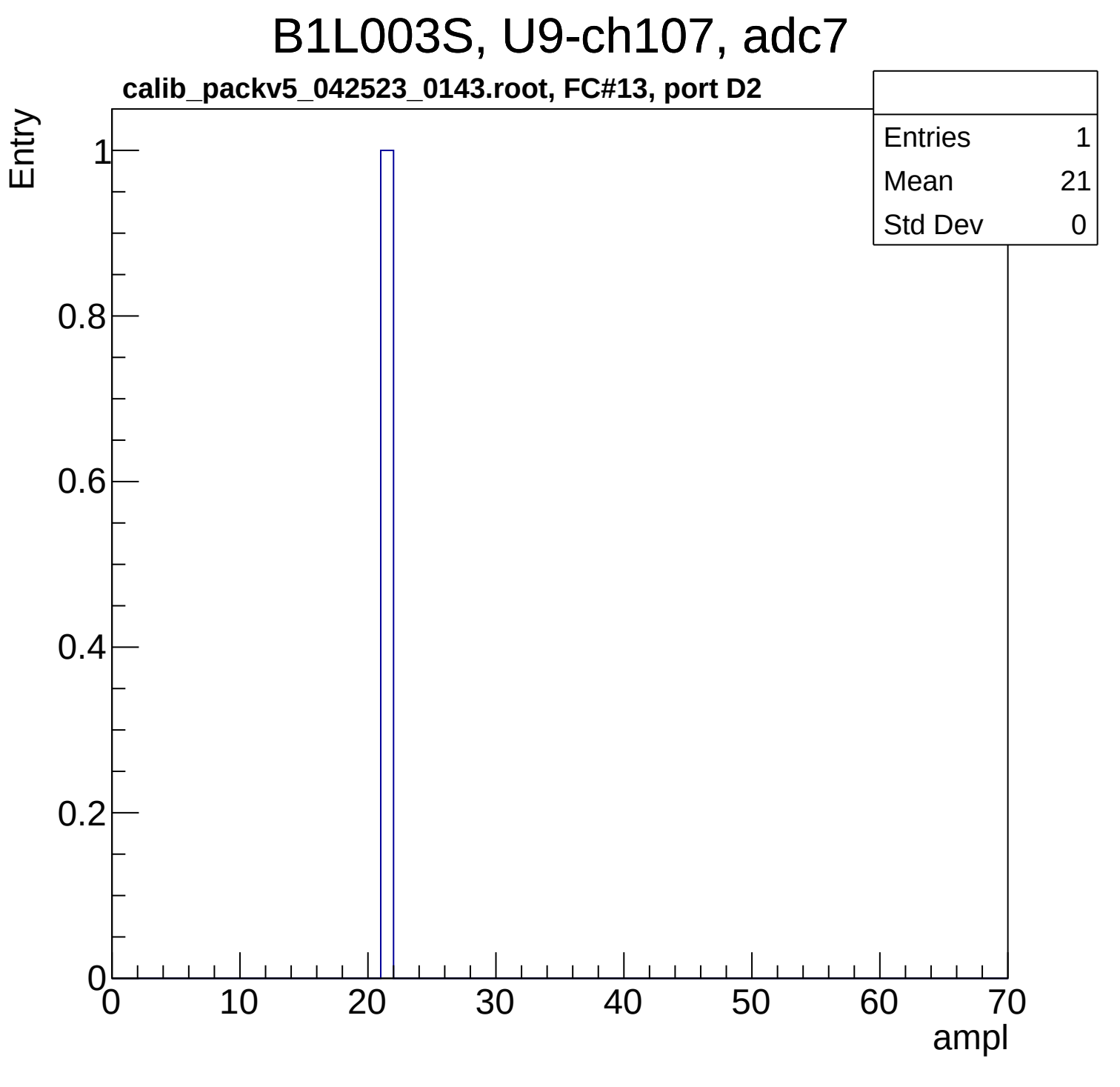

B1L003S, U9-ch107, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 61.33
Std Dev 1.7
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch107, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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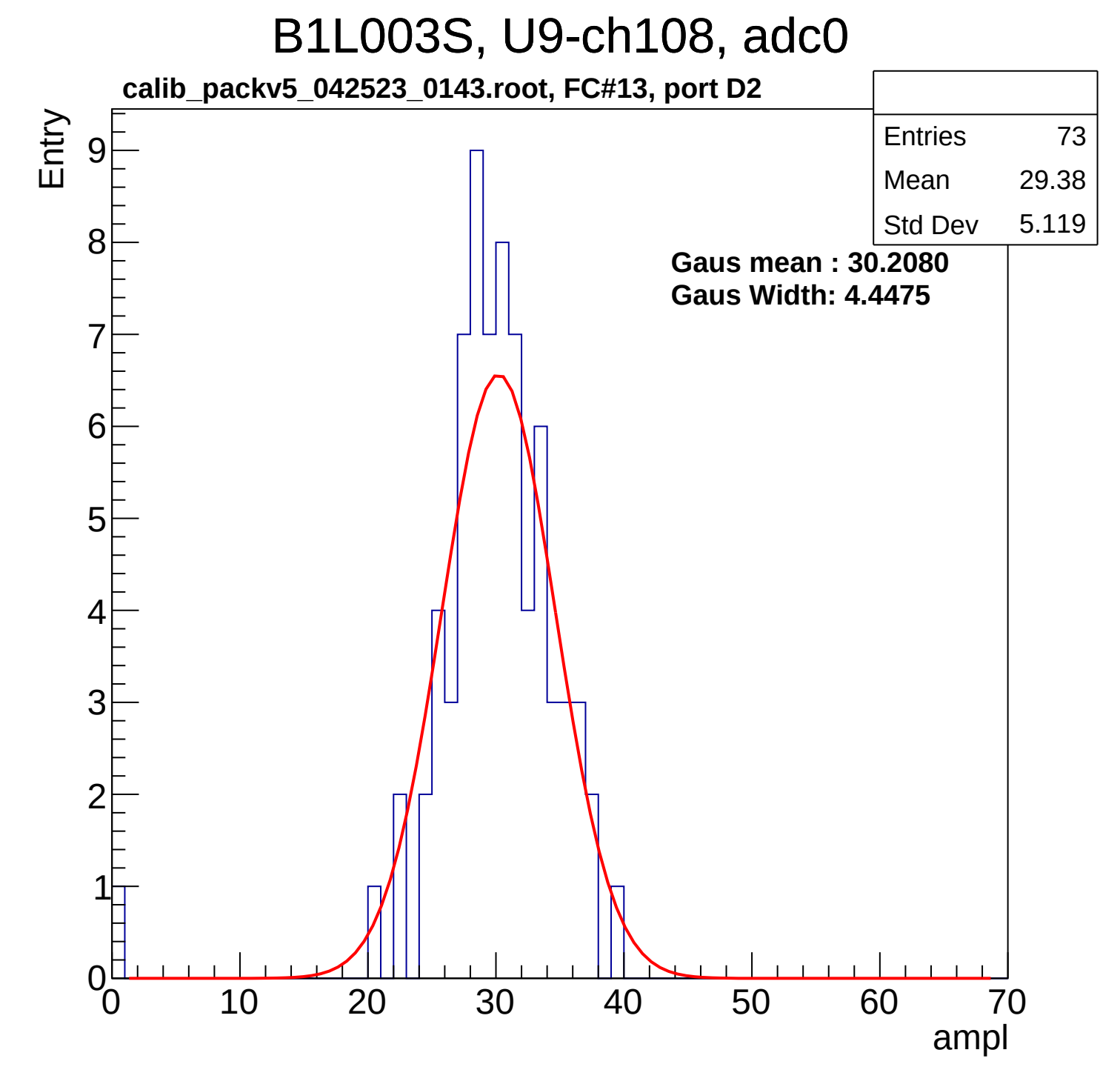
40
50
60
70
ampl


B1L003S, U9-ch108, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 29.38
Std Dev 5.119
Gaus mean : 30.2080
Gaus Width: 4.4475
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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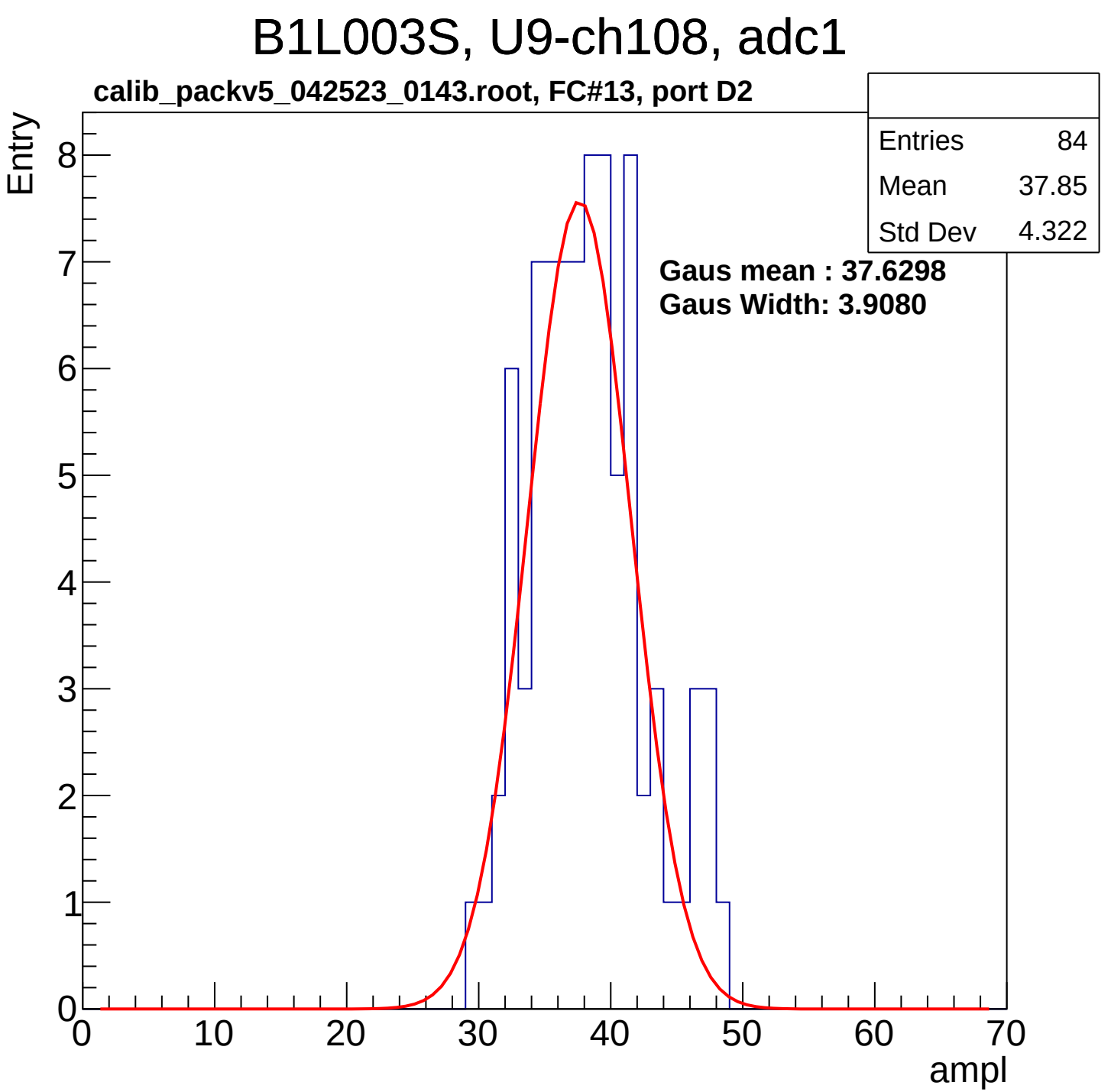
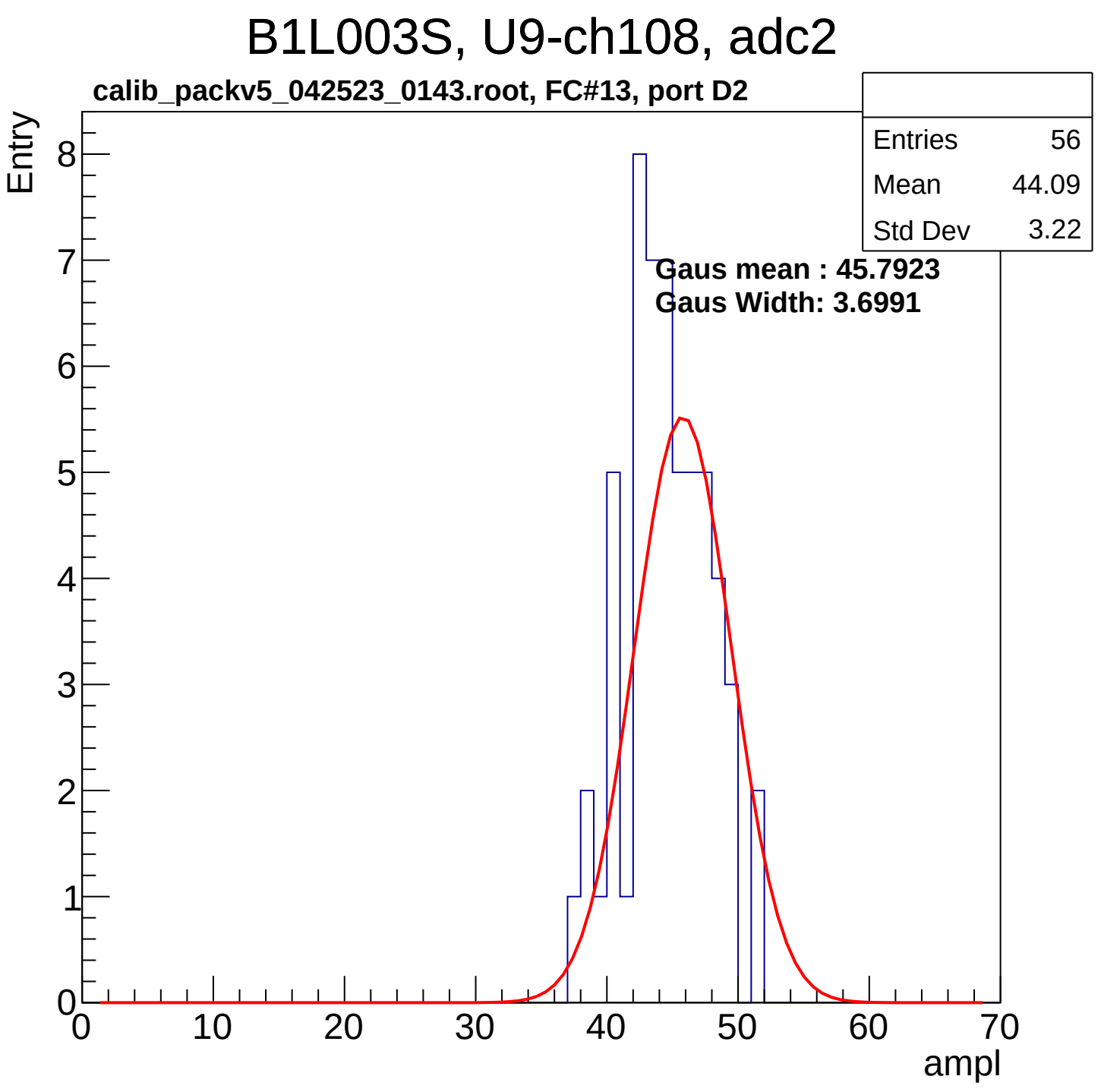

B1L003S, U9-ch108, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 84
Mean 37.85
Std Dev 4.322
Gaus mean : 37.6298
Gaus Width: 3.9080
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch108, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 44.09
Std Dev 3.22
Gaus mean : 45.7923
Gaus Width: 3.6991
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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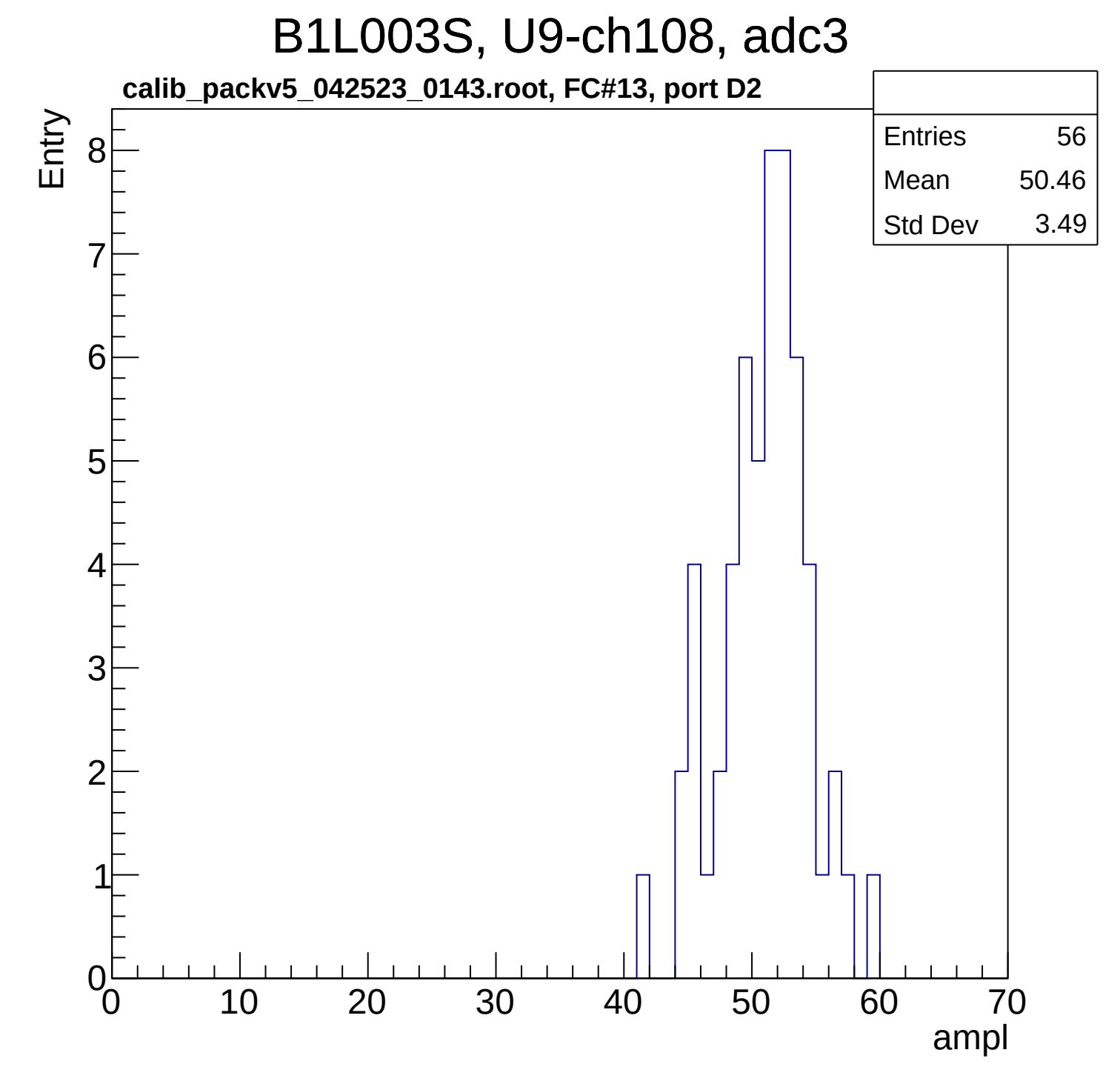
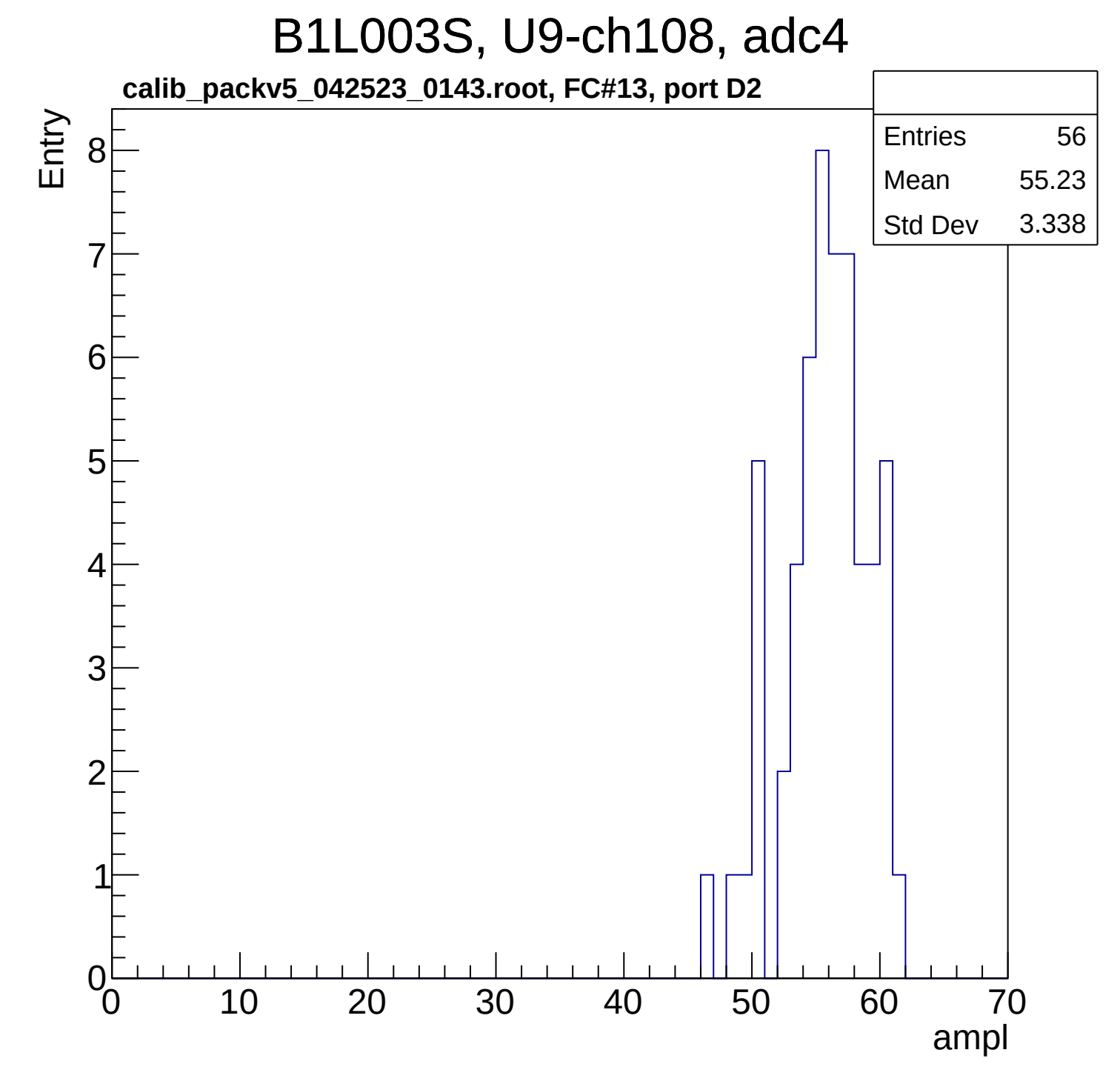
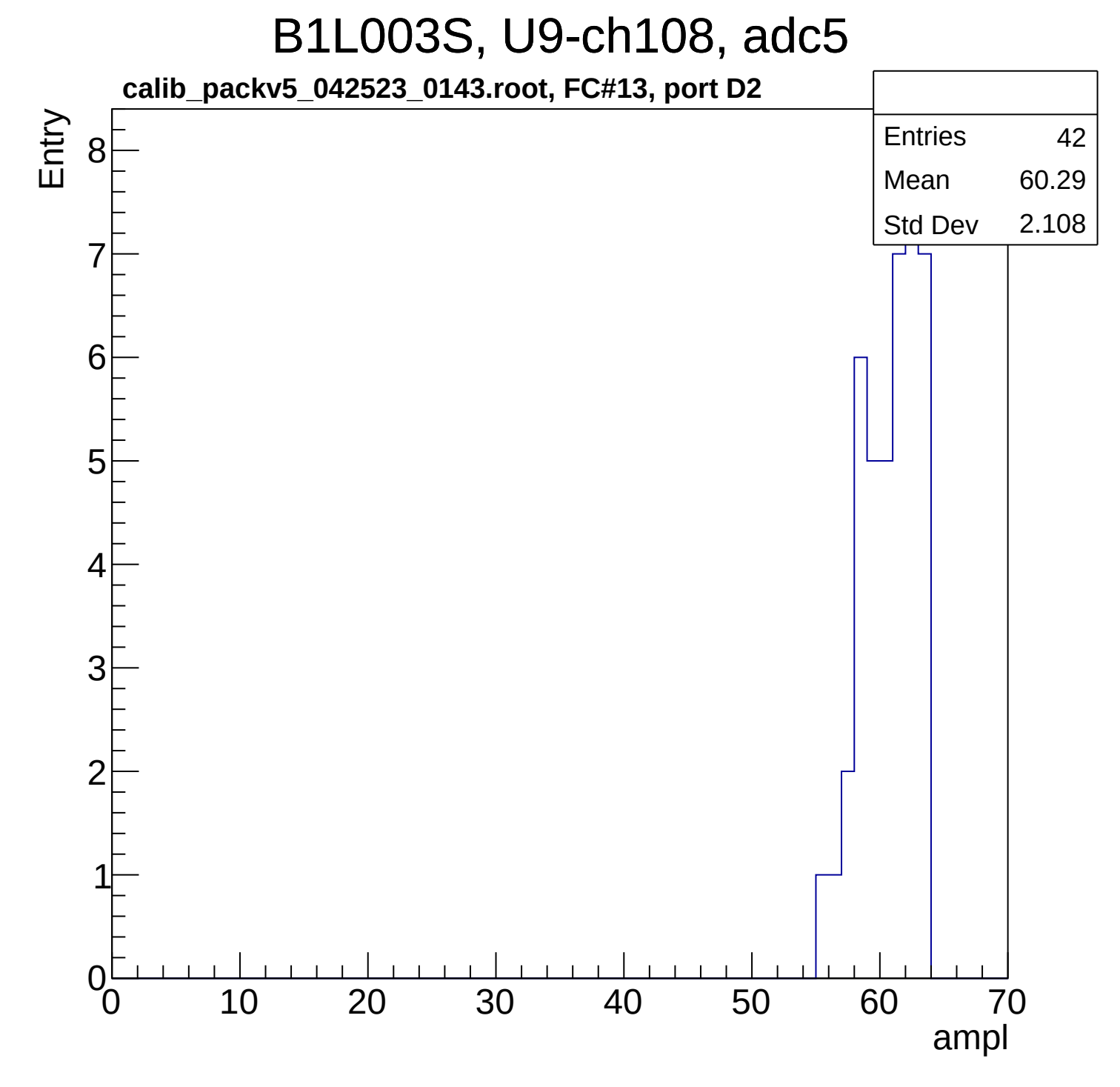
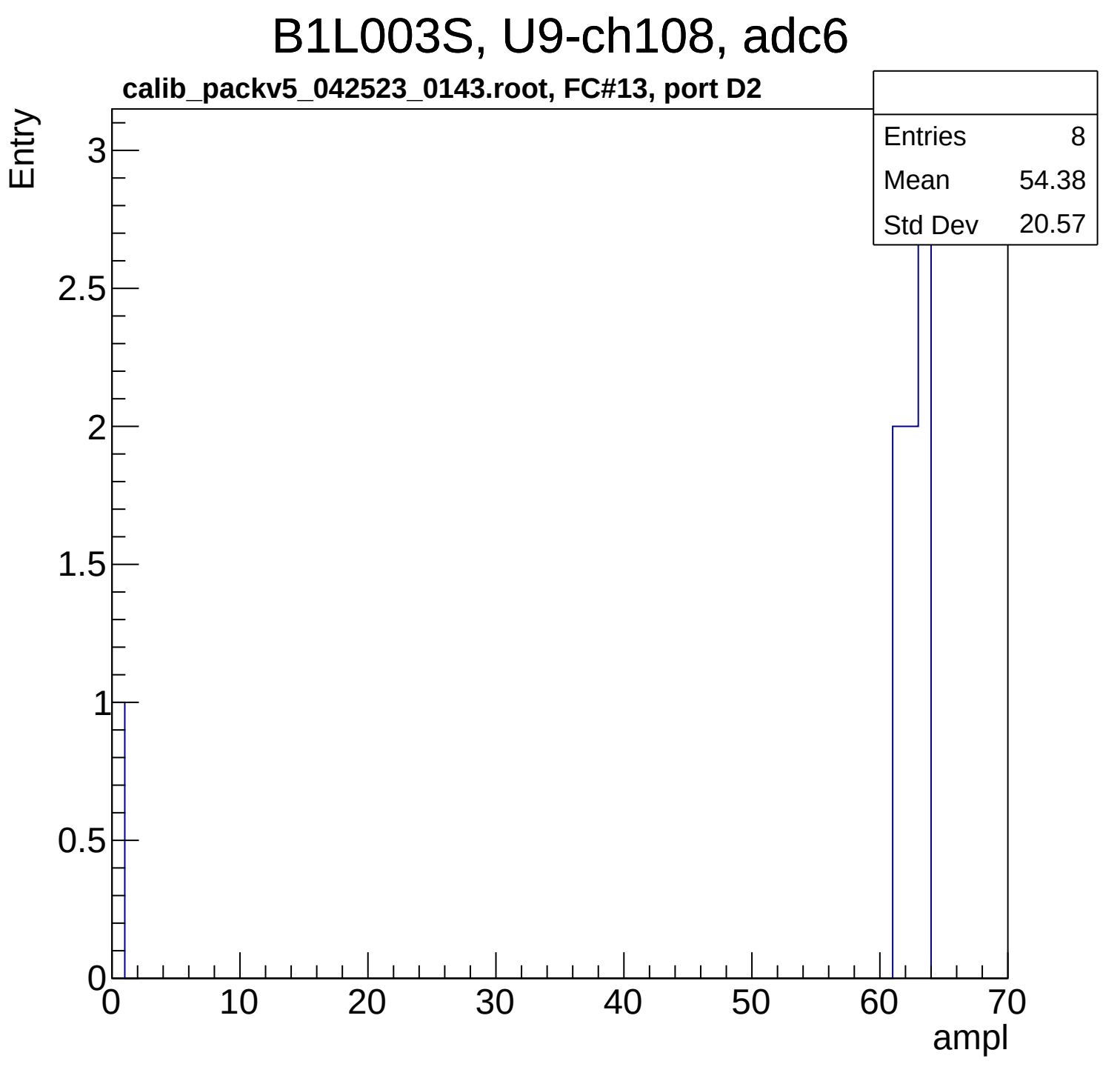
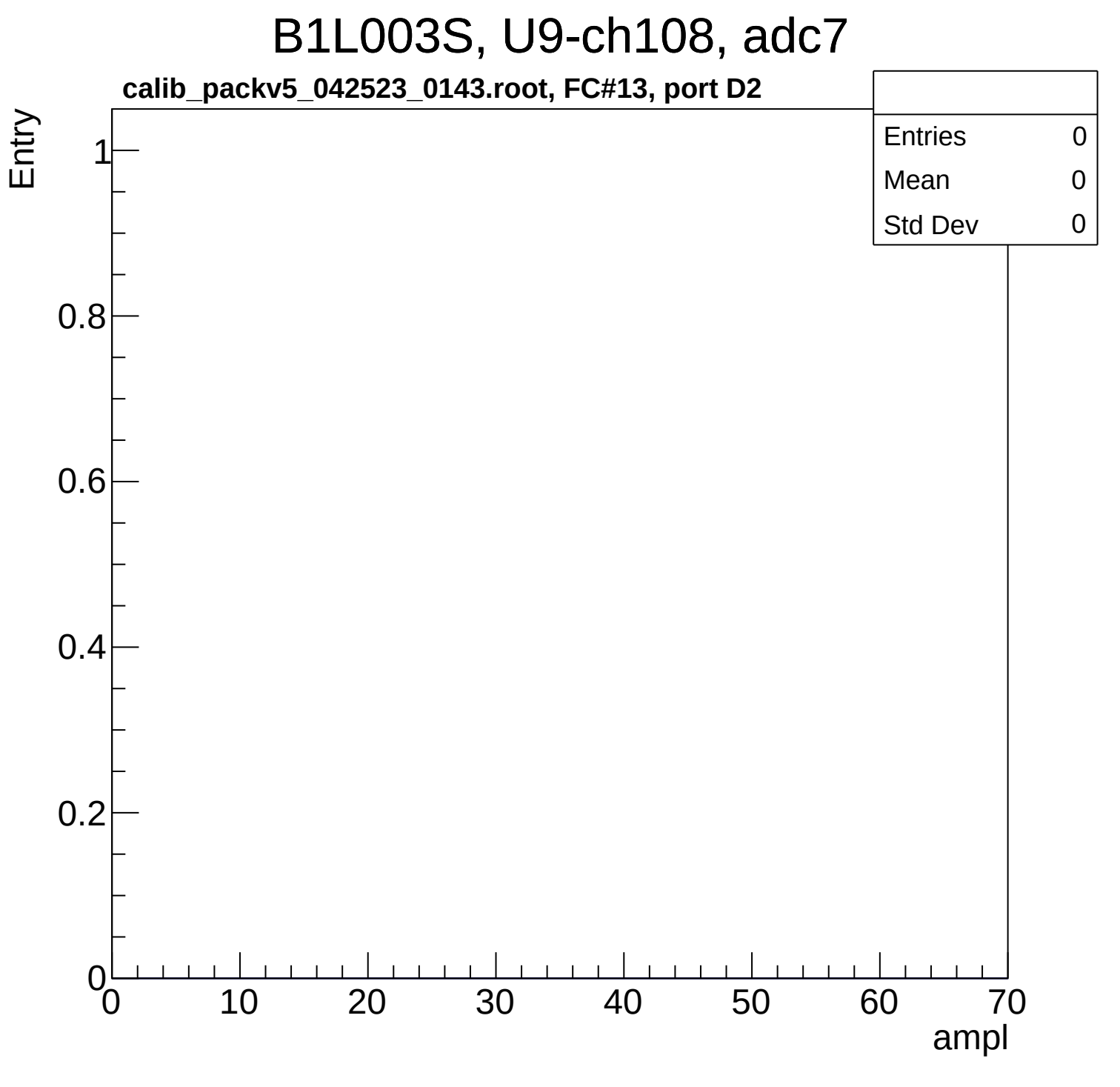
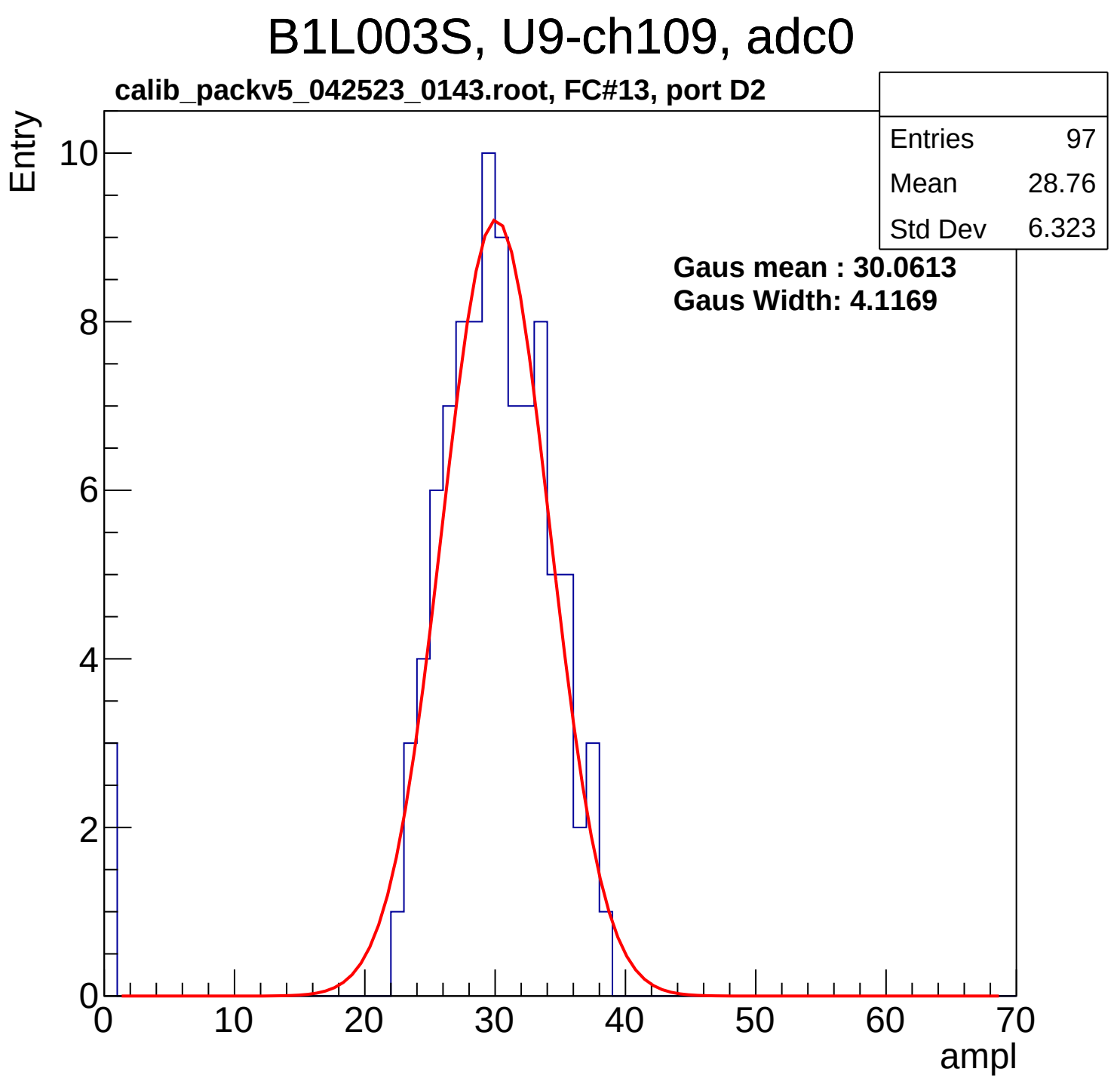

B1L003S, U9-ch108, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 50.46
Std Dev 3.49
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

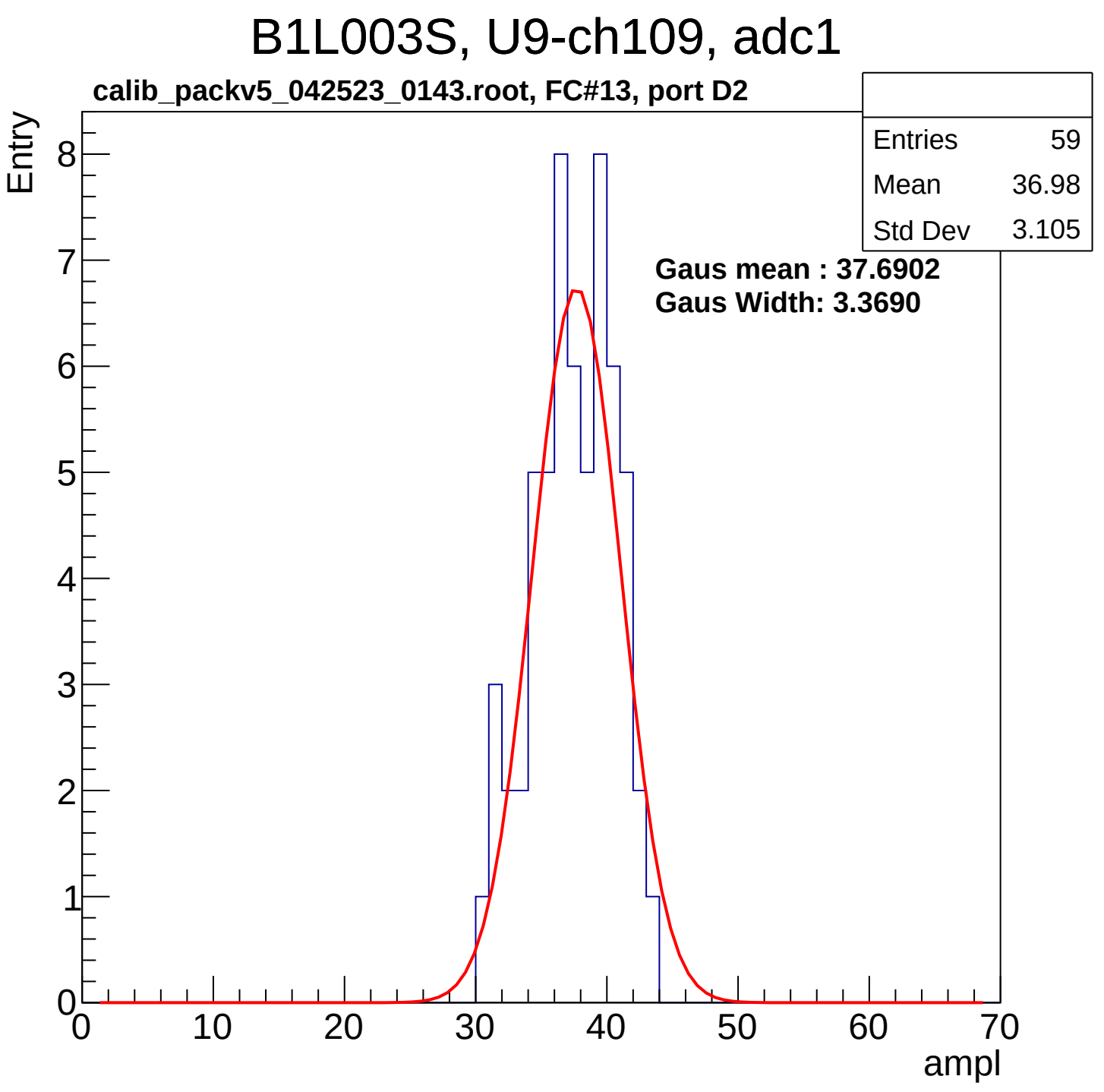

B1L003S, U9-ch108, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 55.23
Std Dev 3.338
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

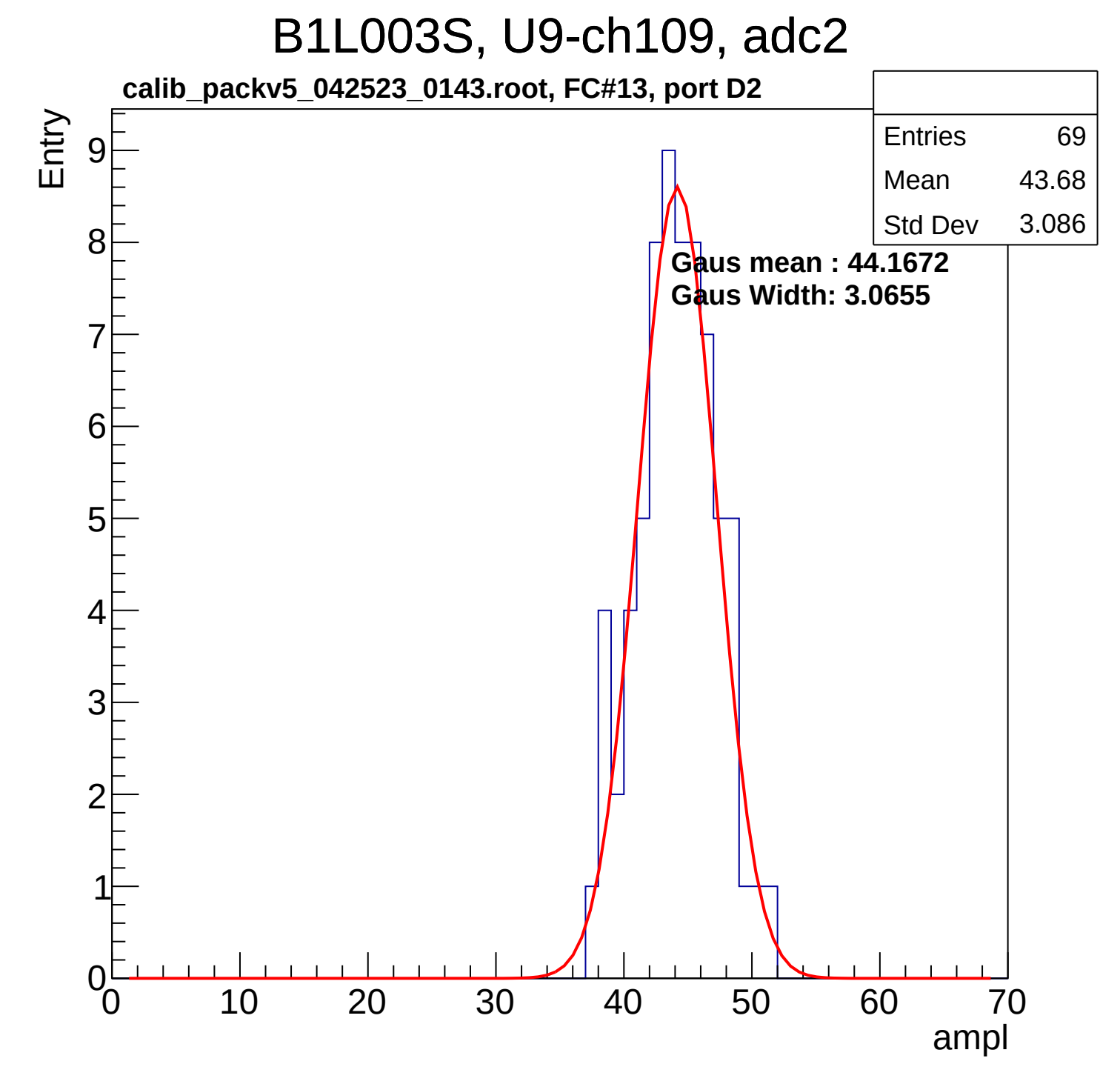

B1L003S, U9-ch108, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 60.29
Std Dev 2.108
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch108, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 54.38
Std Dev 20.57
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch108, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch109, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 97
Mean 28.76
Std Dev 6.323
Gaus mean : 30.0613
Gaus Width: 4.1169
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch109, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 36.98
Std Dev 3.105
Gaus mean : 37.6902
Gaus Width: 3.3690
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch109, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 43.68
Std Dev 3.086
Gaus mean : 44.1672
Gaus Width: 3.0655
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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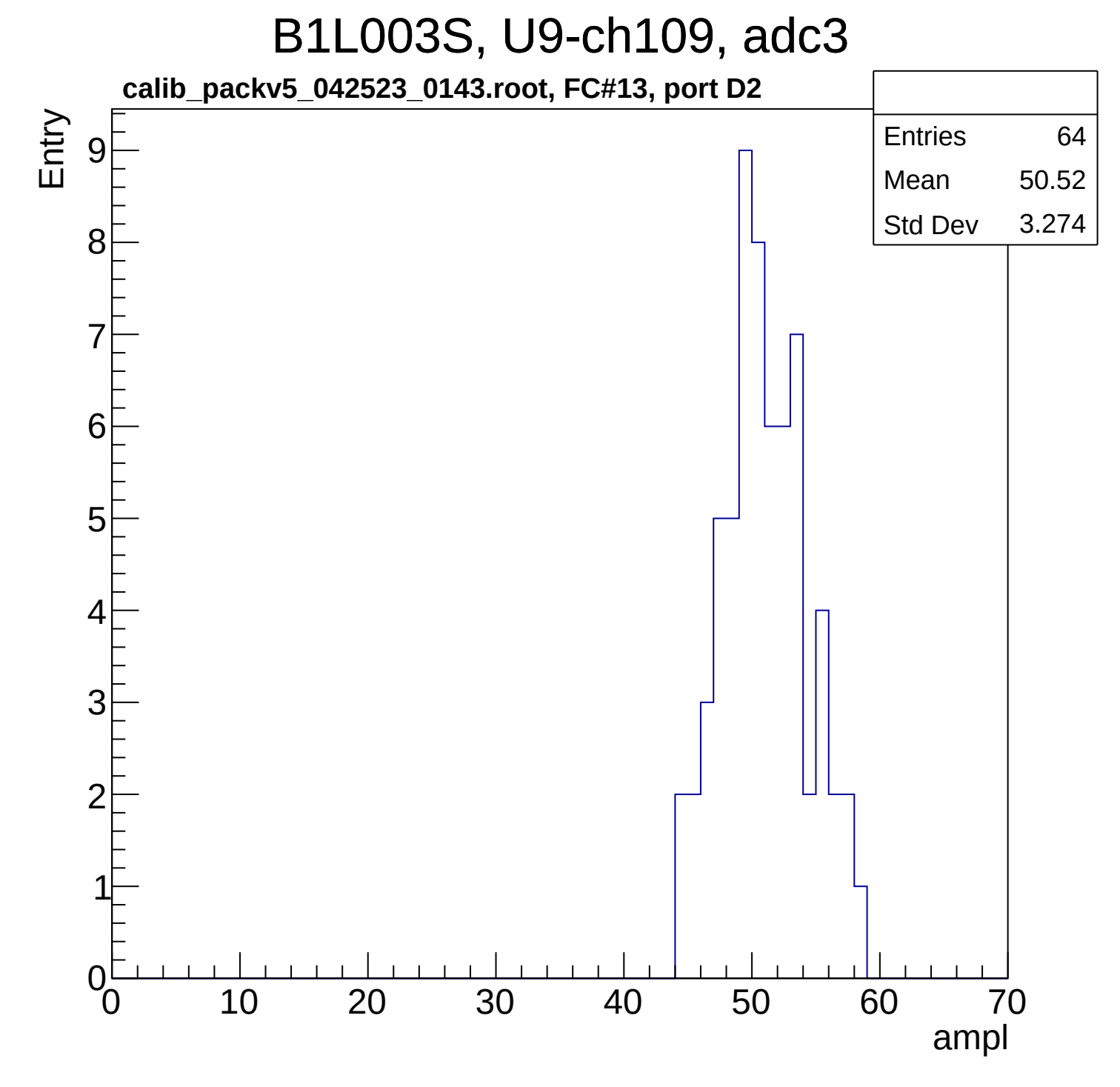
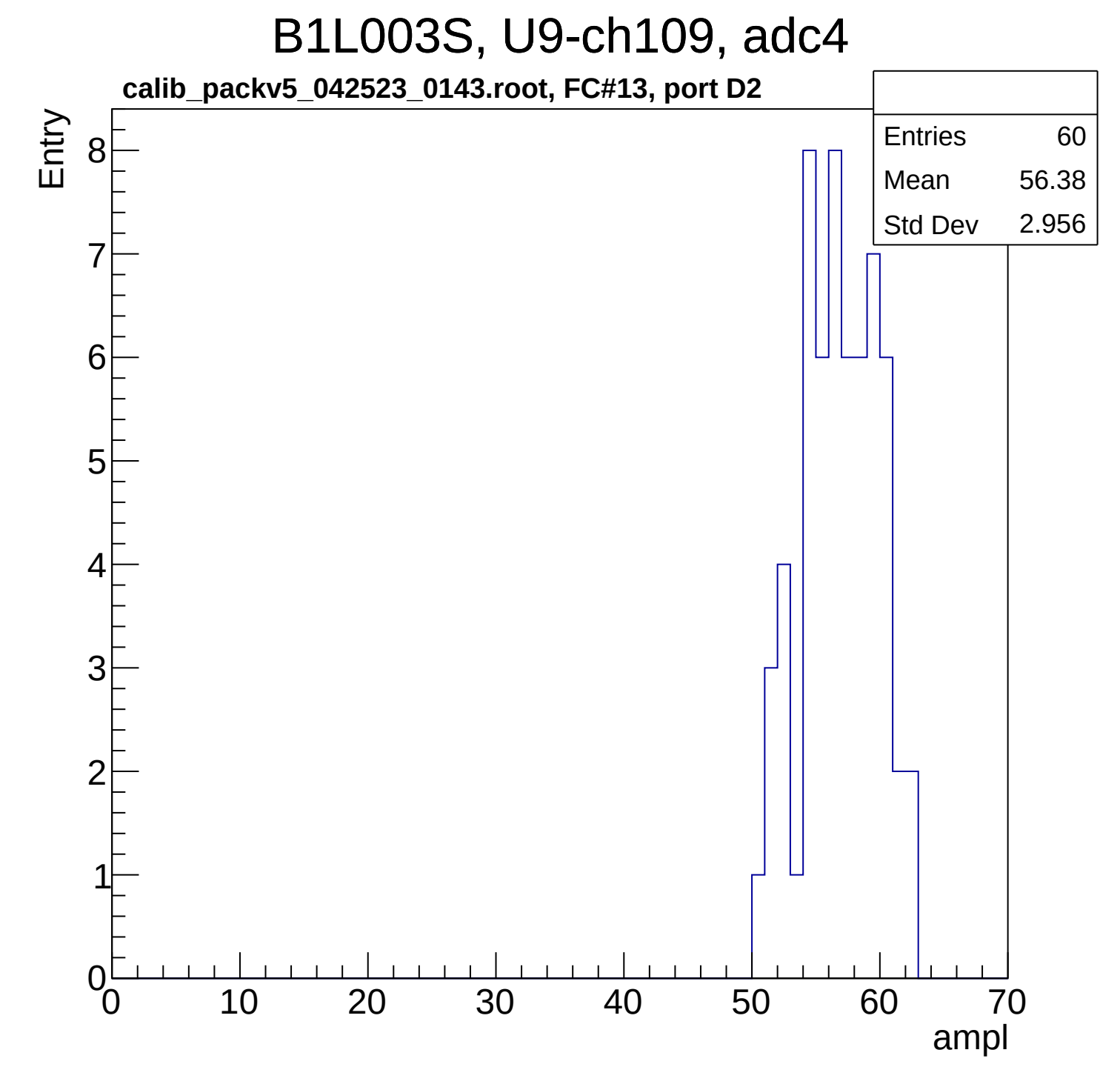
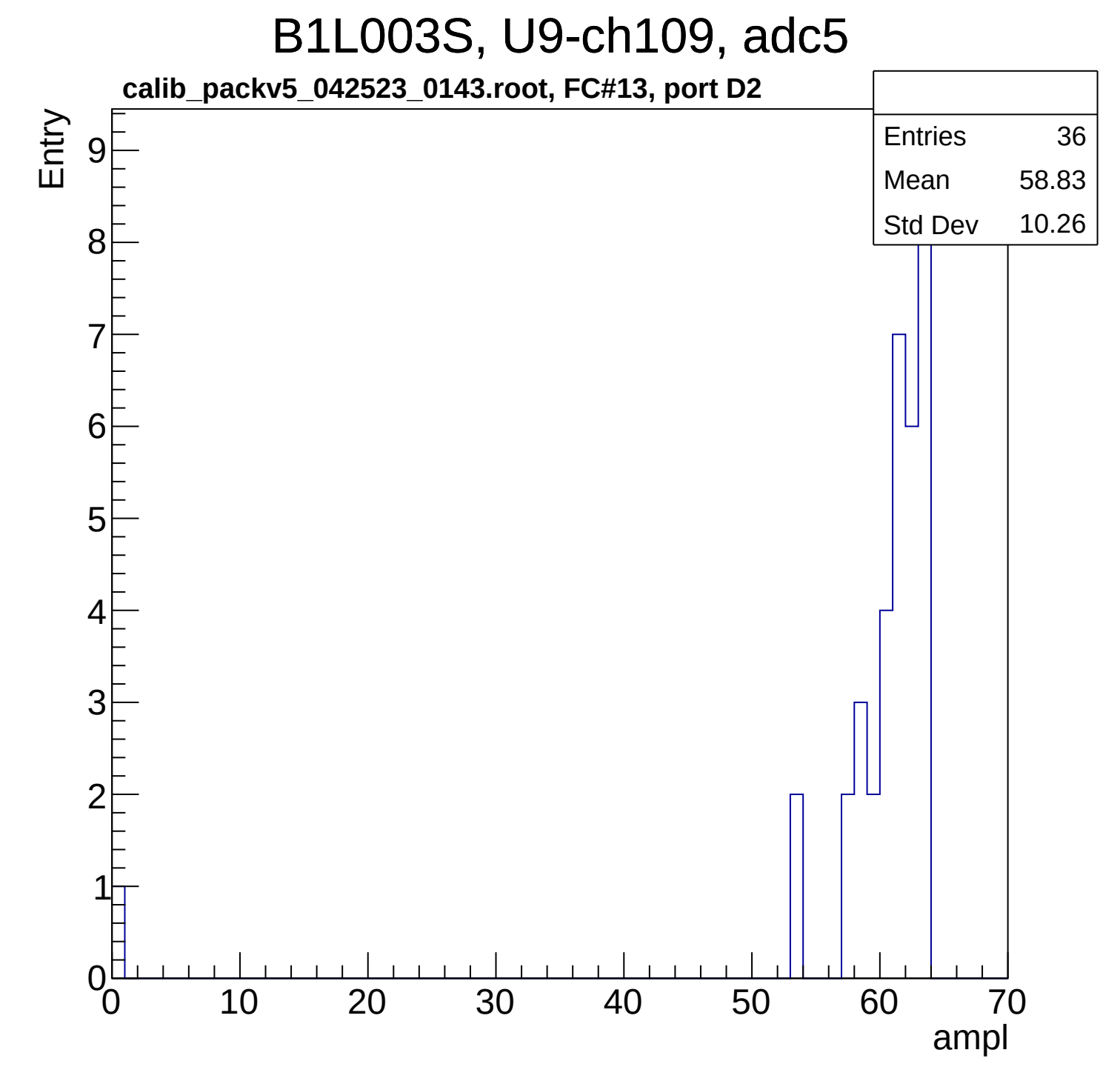
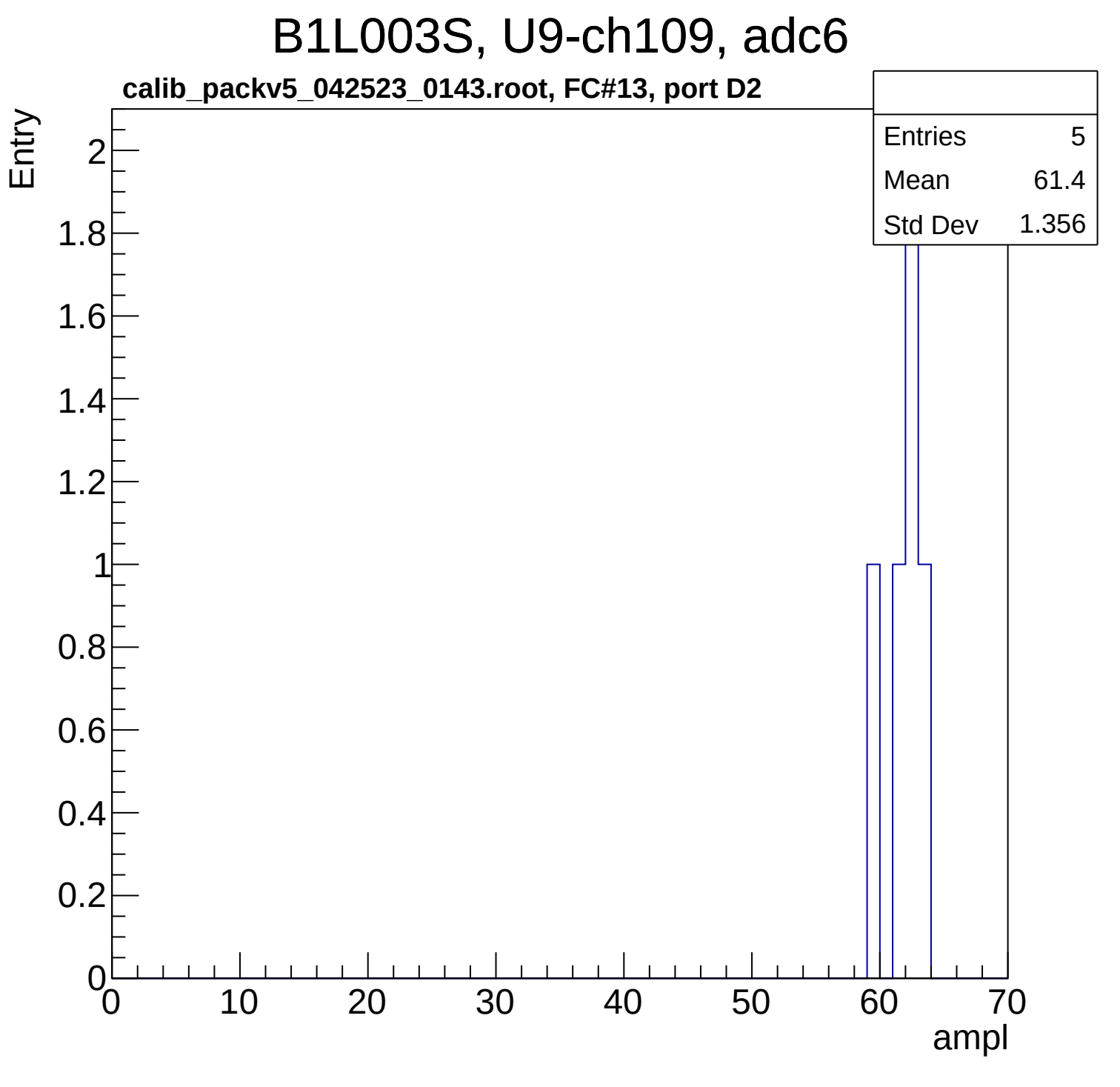
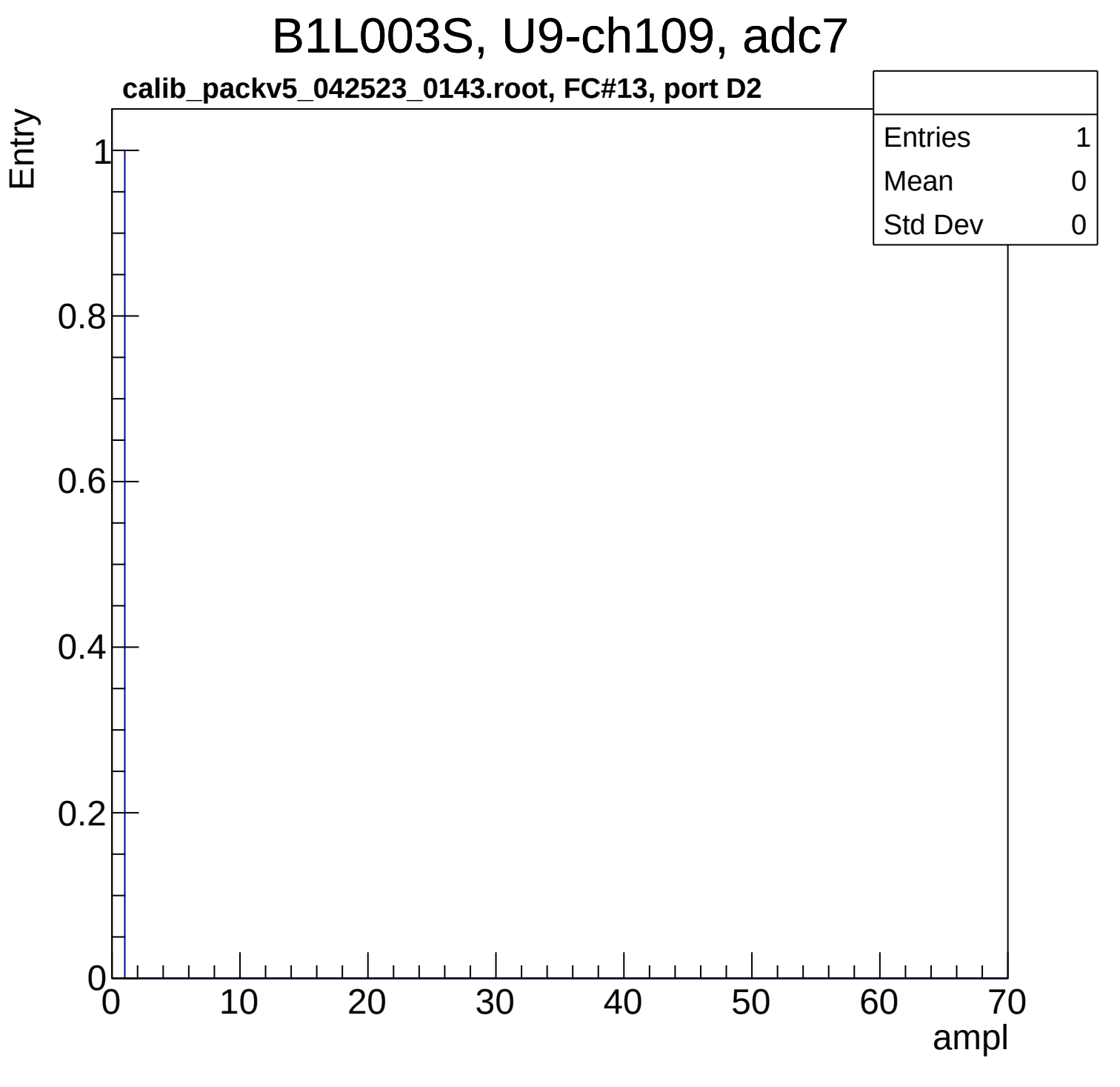
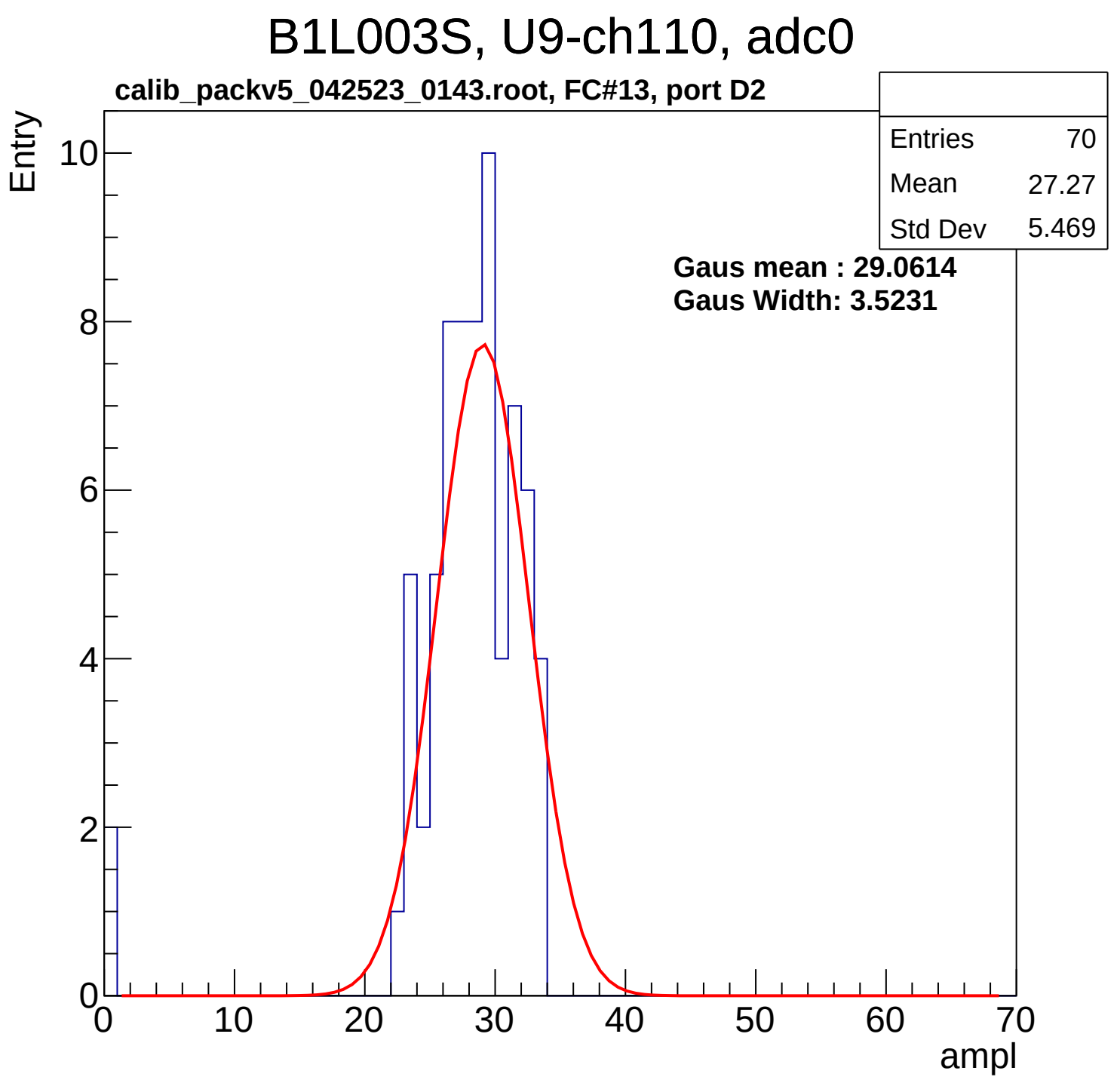

B1L003S, U9-ch109, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 50.52
Std Dev 3.274
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

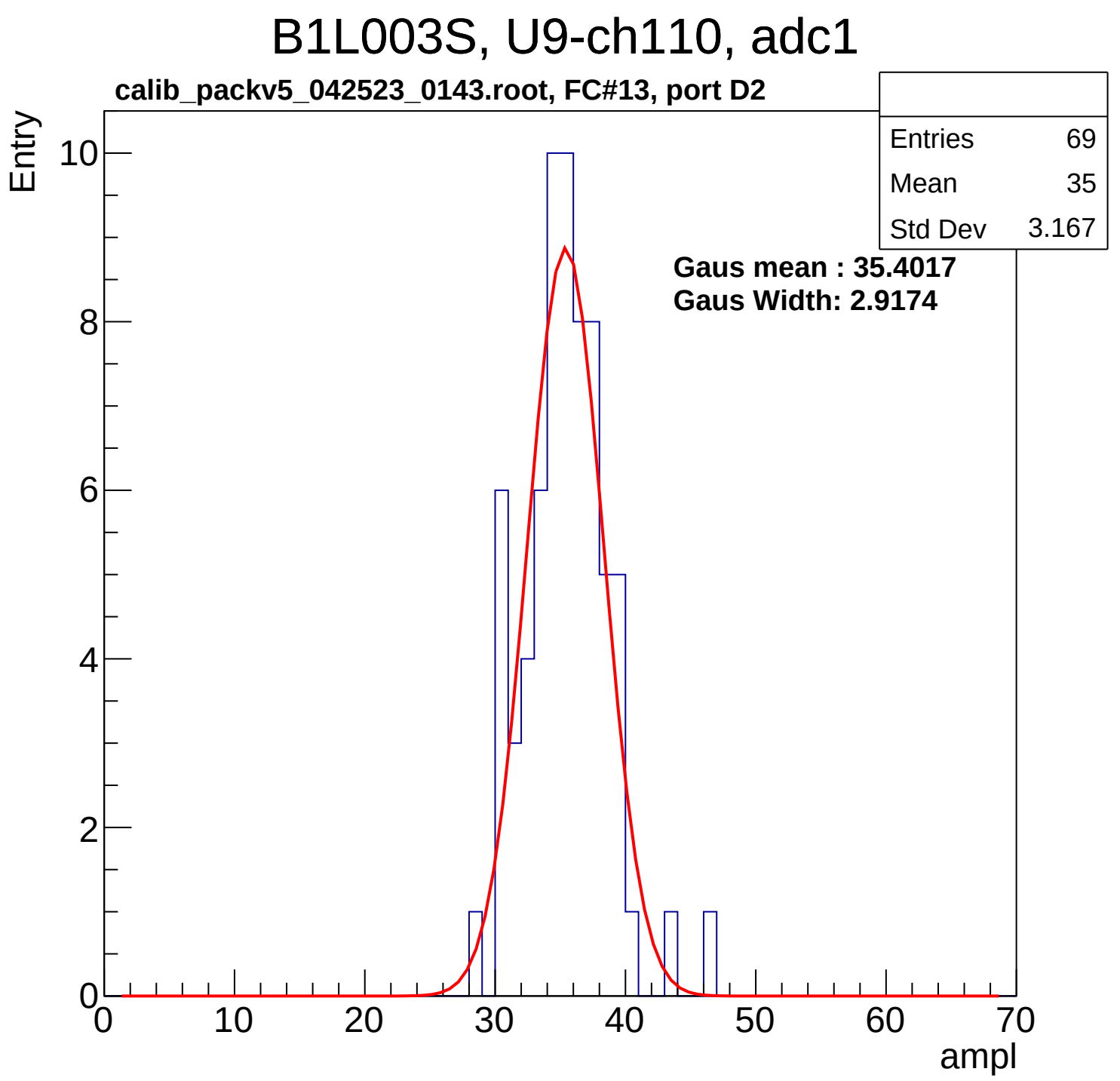

B1L003S, U9-ch109, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 56.38
Std Dev 2.956
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

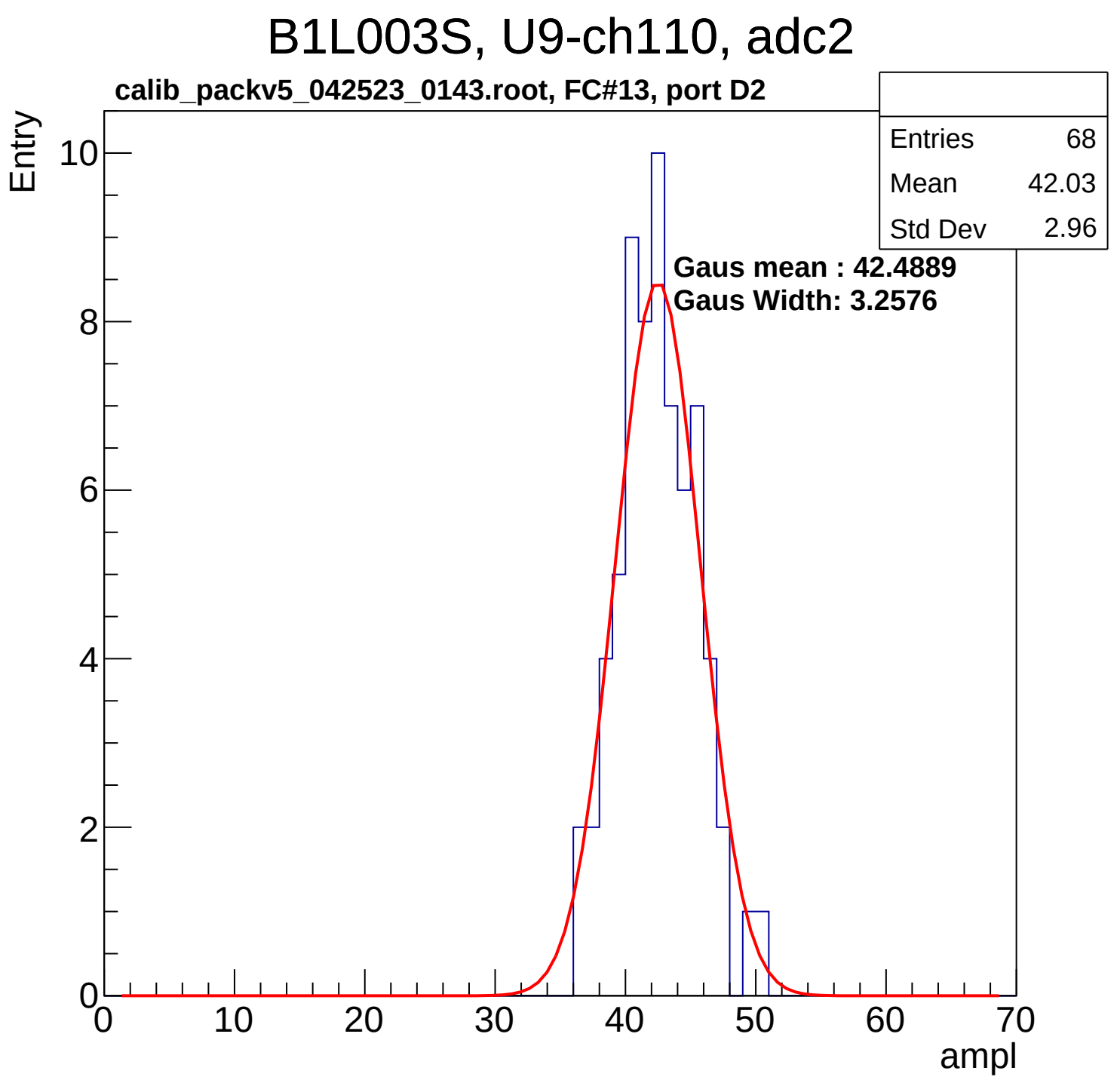

B1L003S, U9-ch109, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 58.83
Std Dev 10.26
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch109, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.4
Std Dev 1.356
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch109, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch110, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 27.27
Std Dev 5.469
Gaus mean : 29.0614
Gaus Width: 3.5231
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch110, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 35
Std Dev 3.167
Gaus mean : 35.4017
Gaus Width: 2.9174
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch110, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 42.03
Std Dev 2.96
Gaus mean : 42.4889
Gaus Width: 3.2576
Entry
ampl
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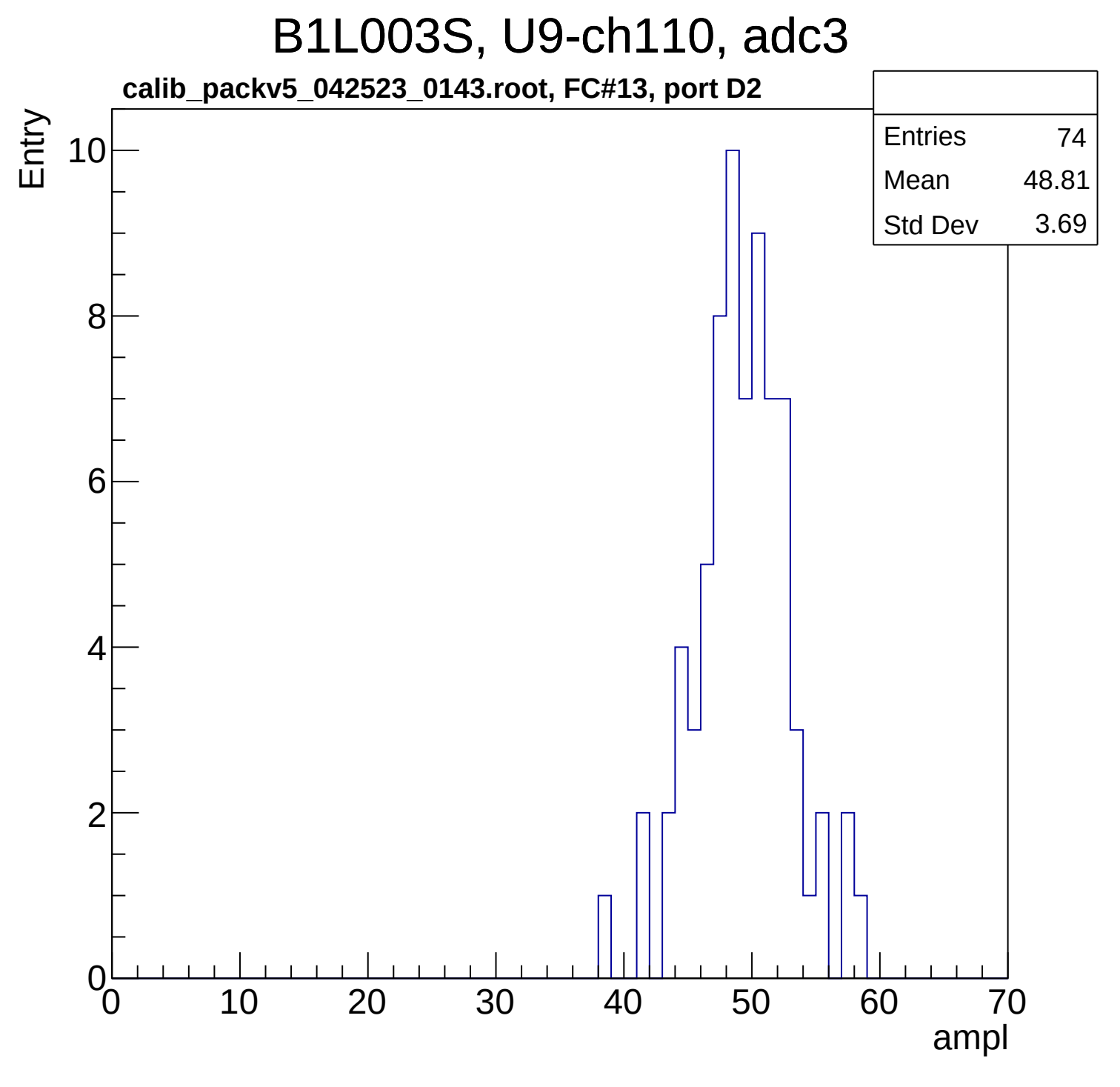
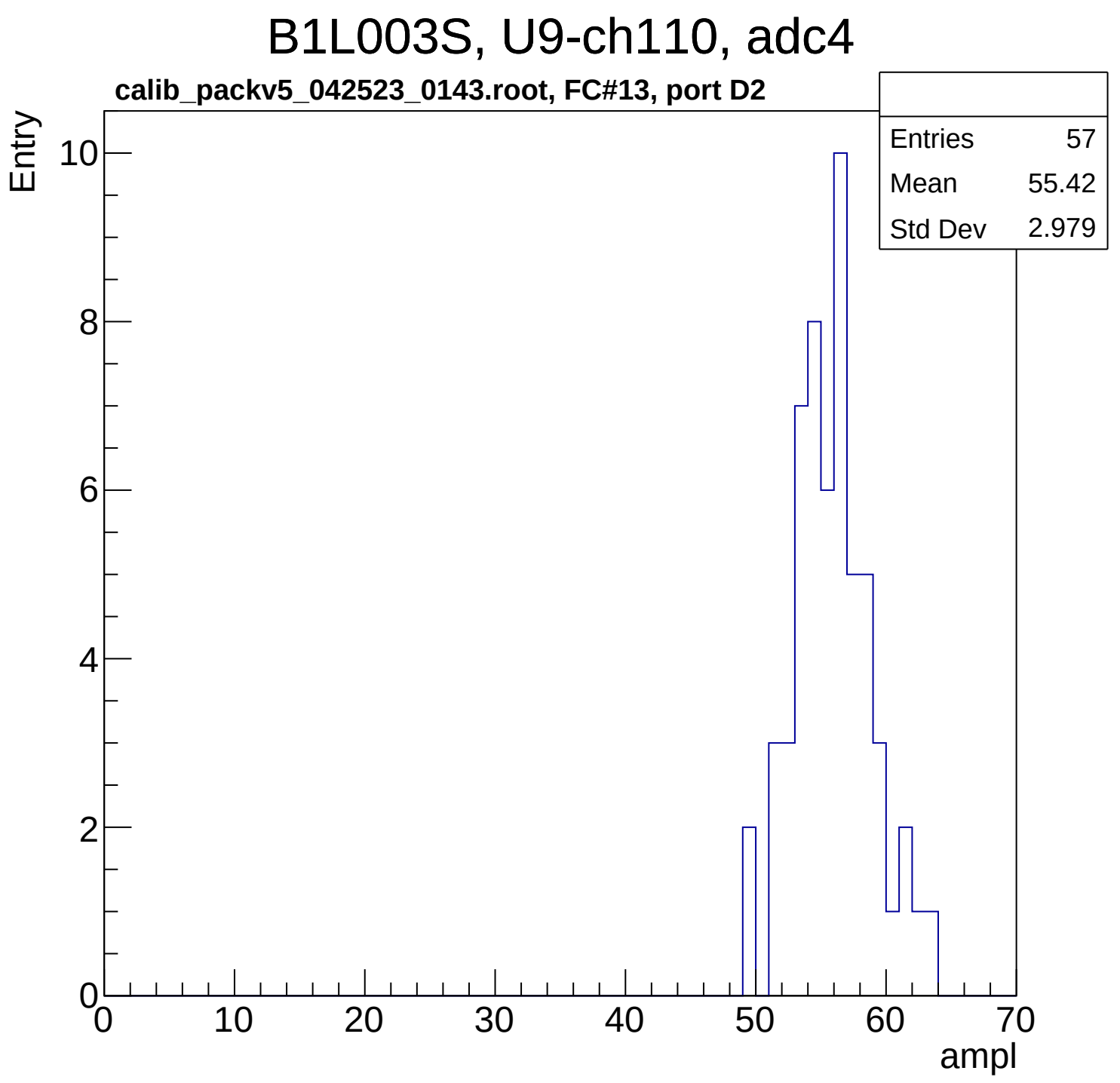
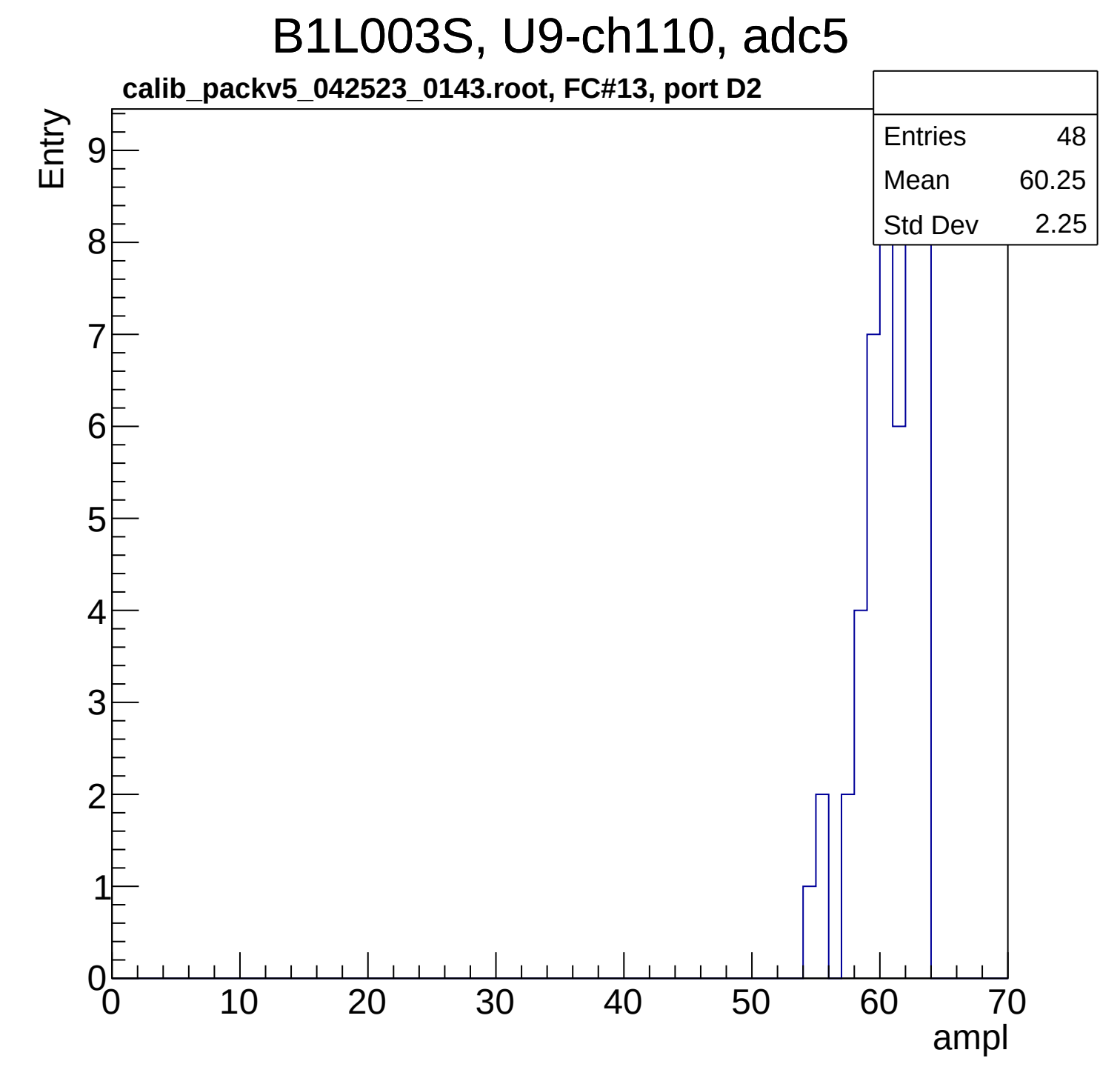
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch110, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 48.81
Std Dev 3.69
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch110, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 55.42
Std Dev 2.979
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch110, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 60.25
Std Dev 2.25
Entry
ampl
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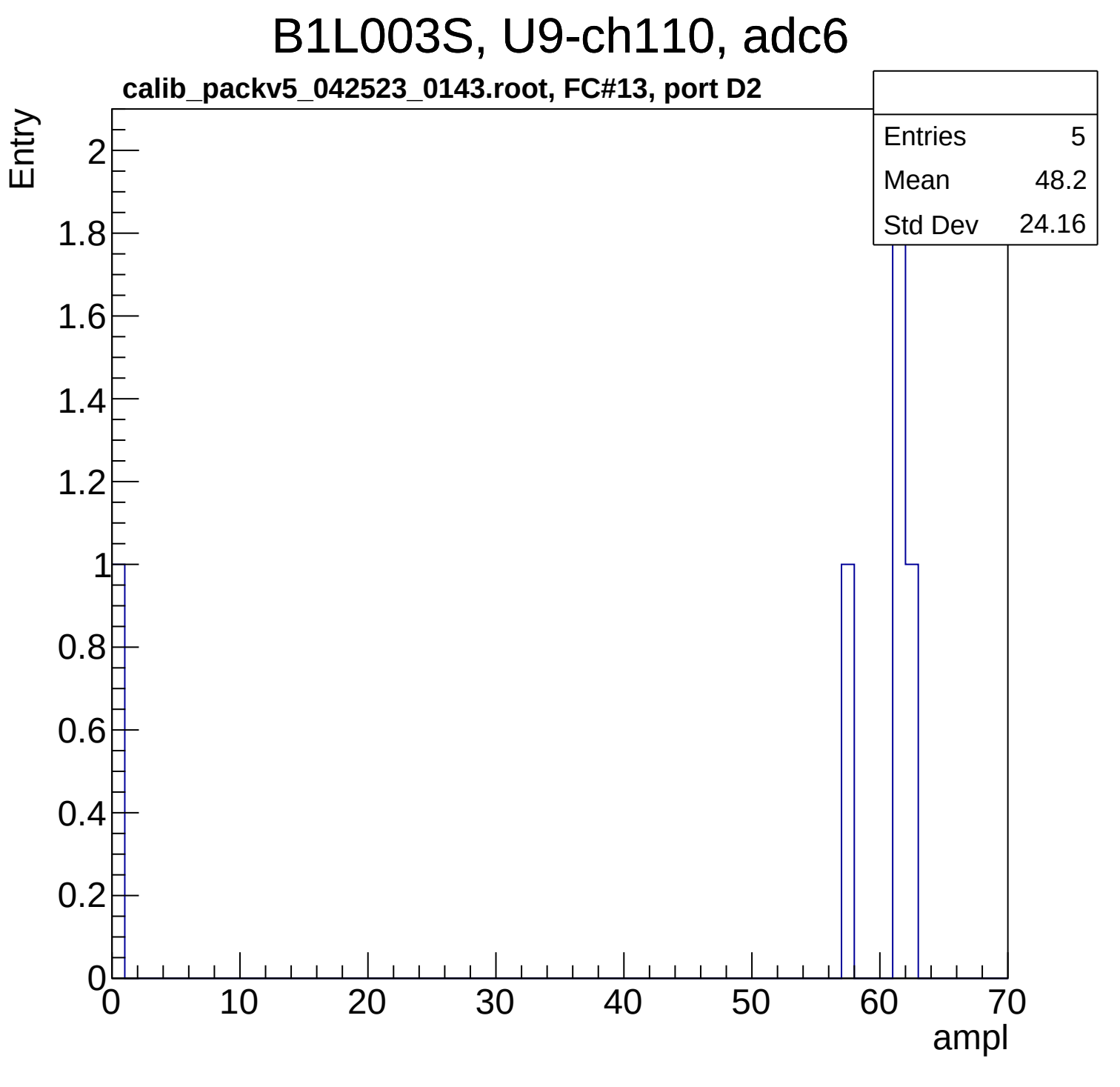
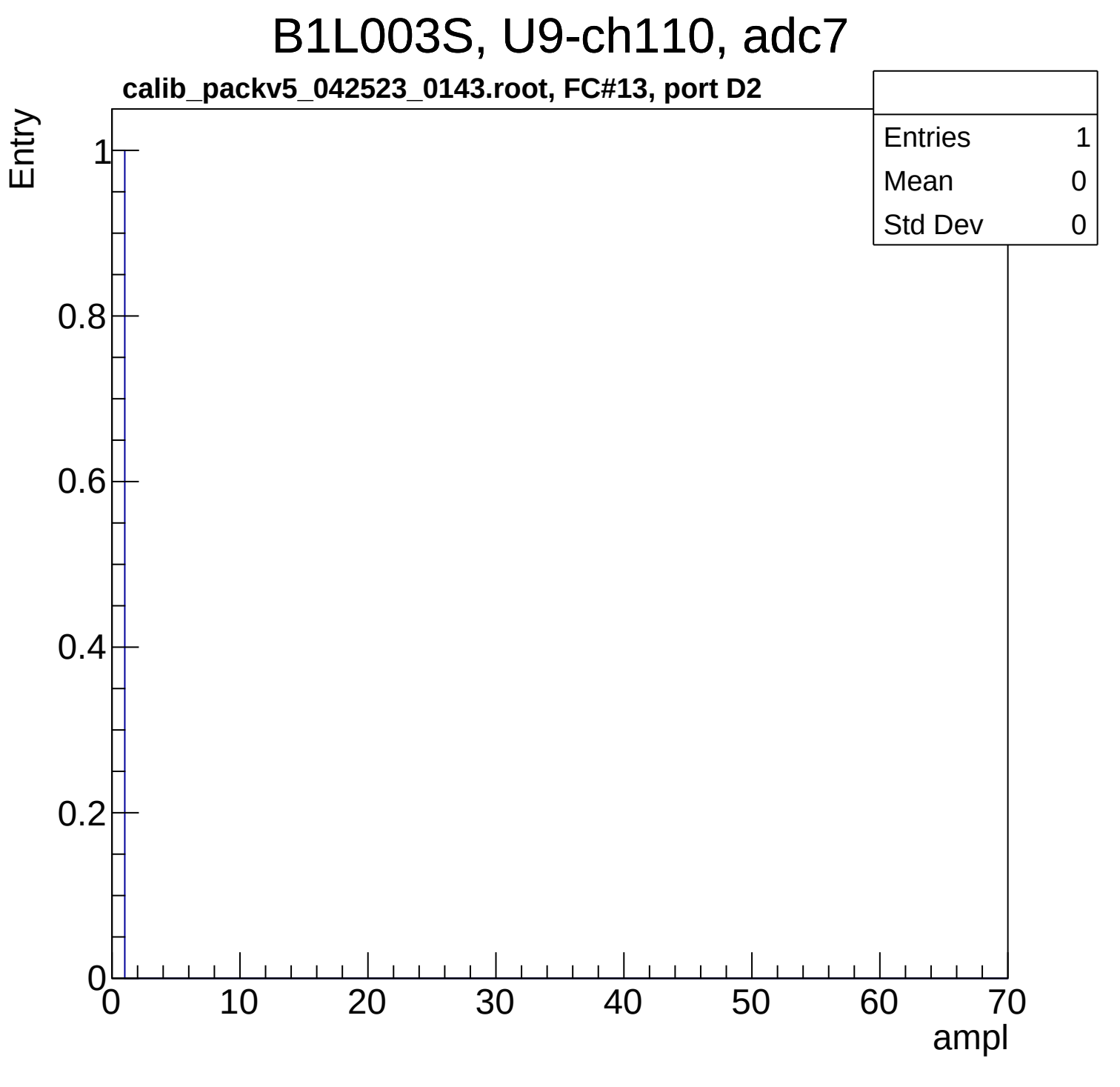
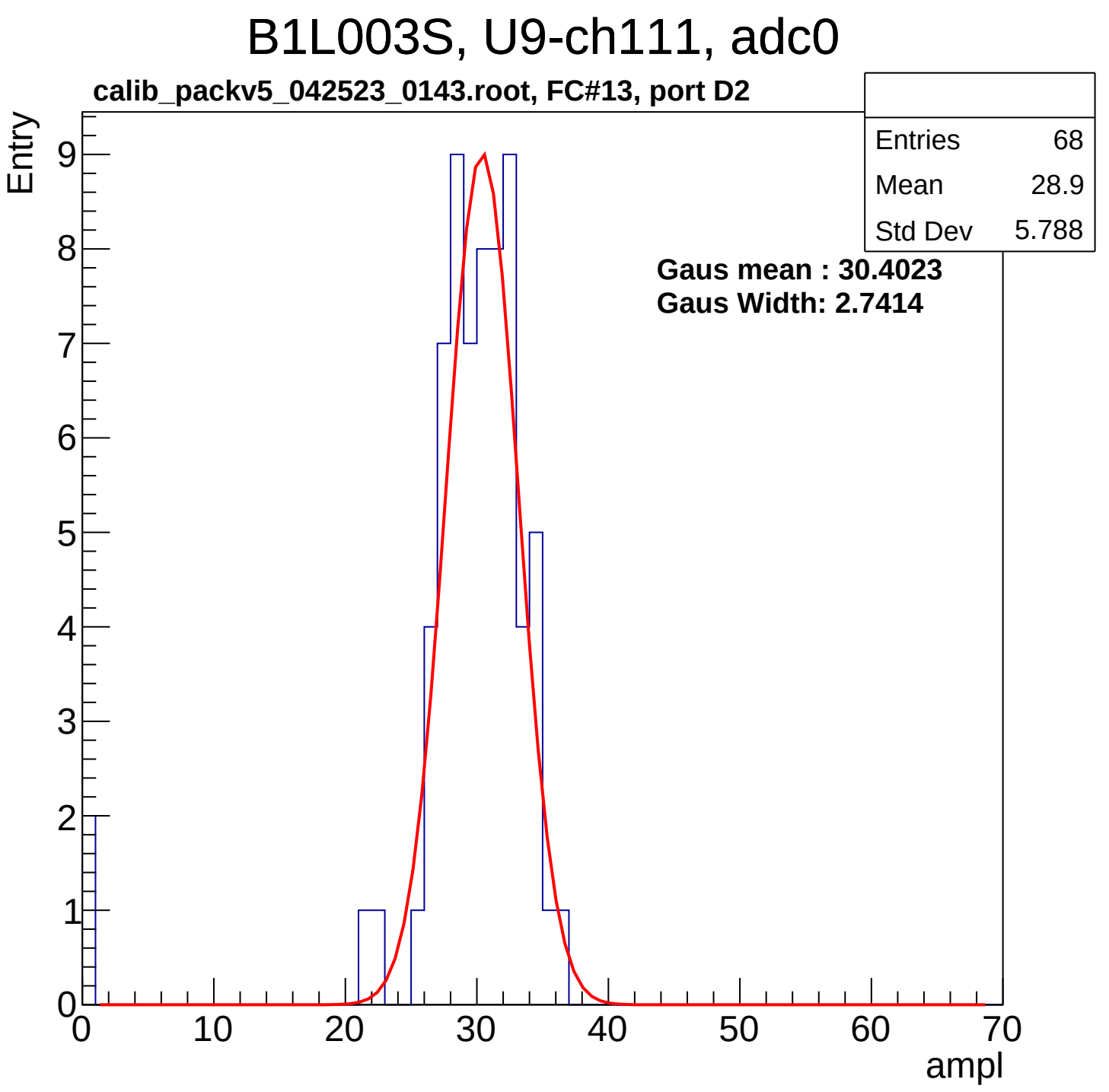
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch110, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 48.2
Std Dev 24.16
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


B1L003S, U9-ch110, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch111, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 28.9
Std Dev 5.788
Gaus mean : 30.4023
Gaus Width: 2.7414
Entry
ampl
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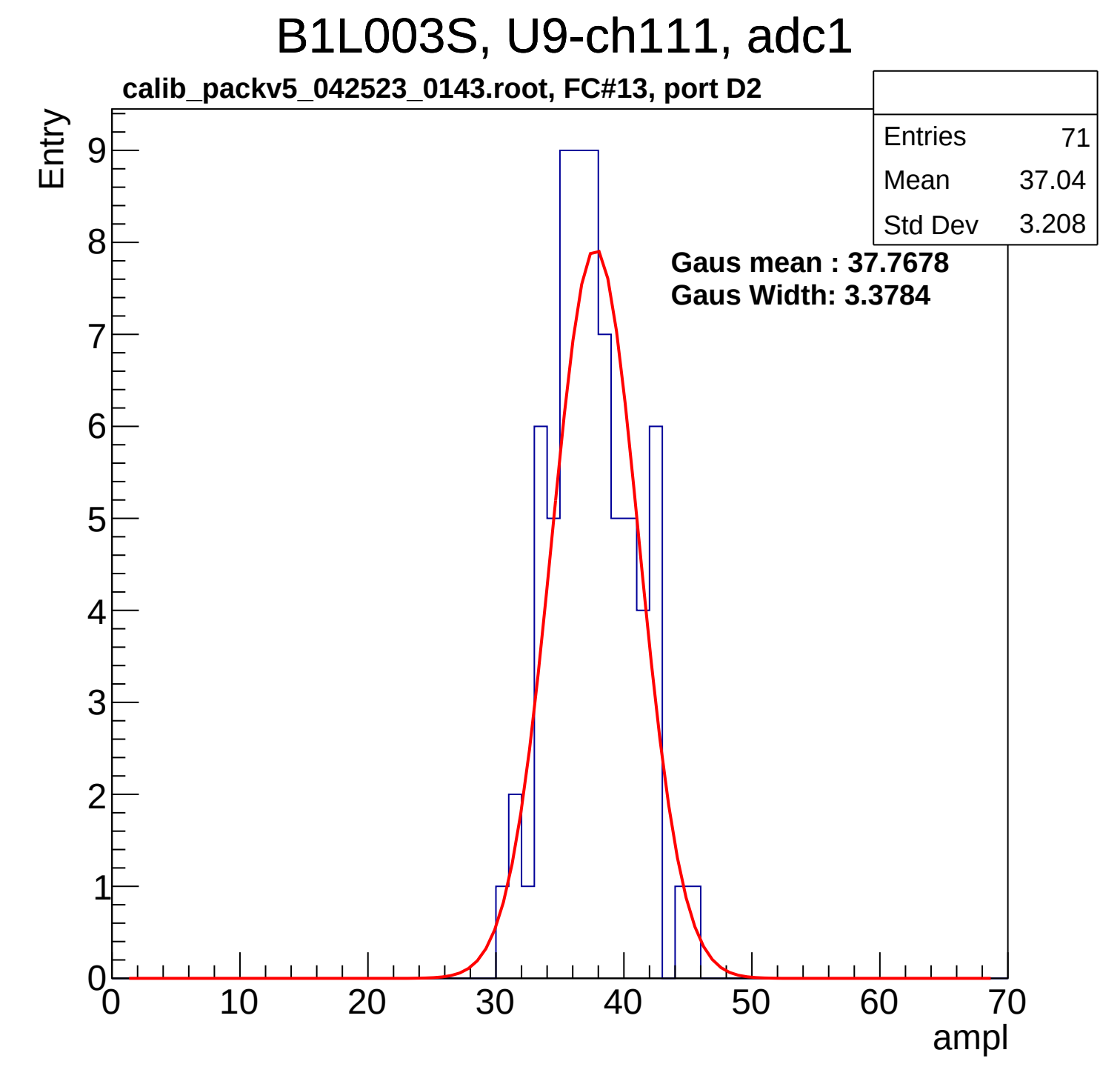
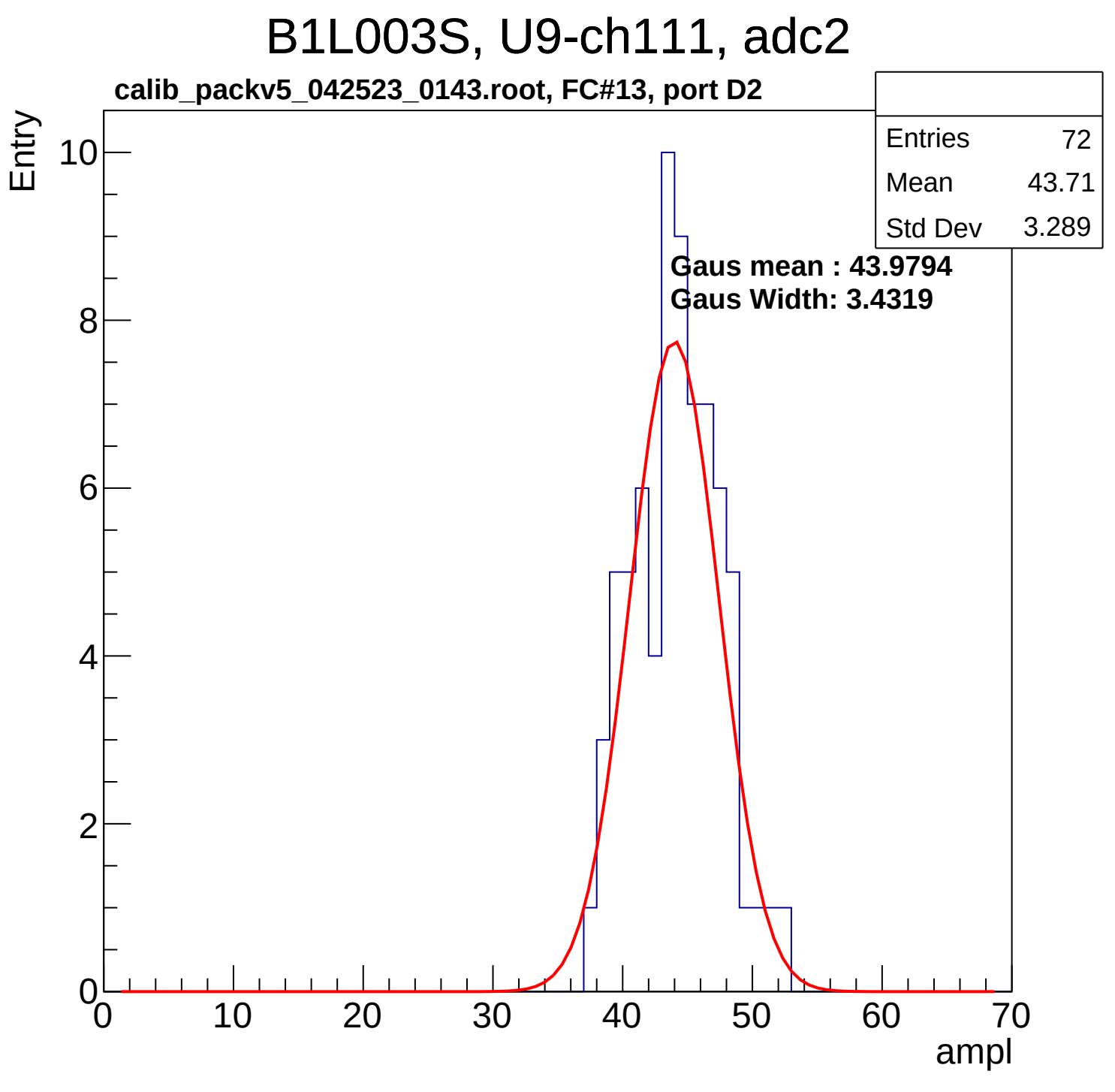
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch111, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 37.04
Std Dev 3.208
Gaus mean : 37.7678
Gaus Width: 3.3784
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch111, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 43.71
Std Dev 3.289
Gaus mean : 43.9794
Gaus Width: 3.4319
Entry
ampl
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2
4
6
8
10
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10
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50
60
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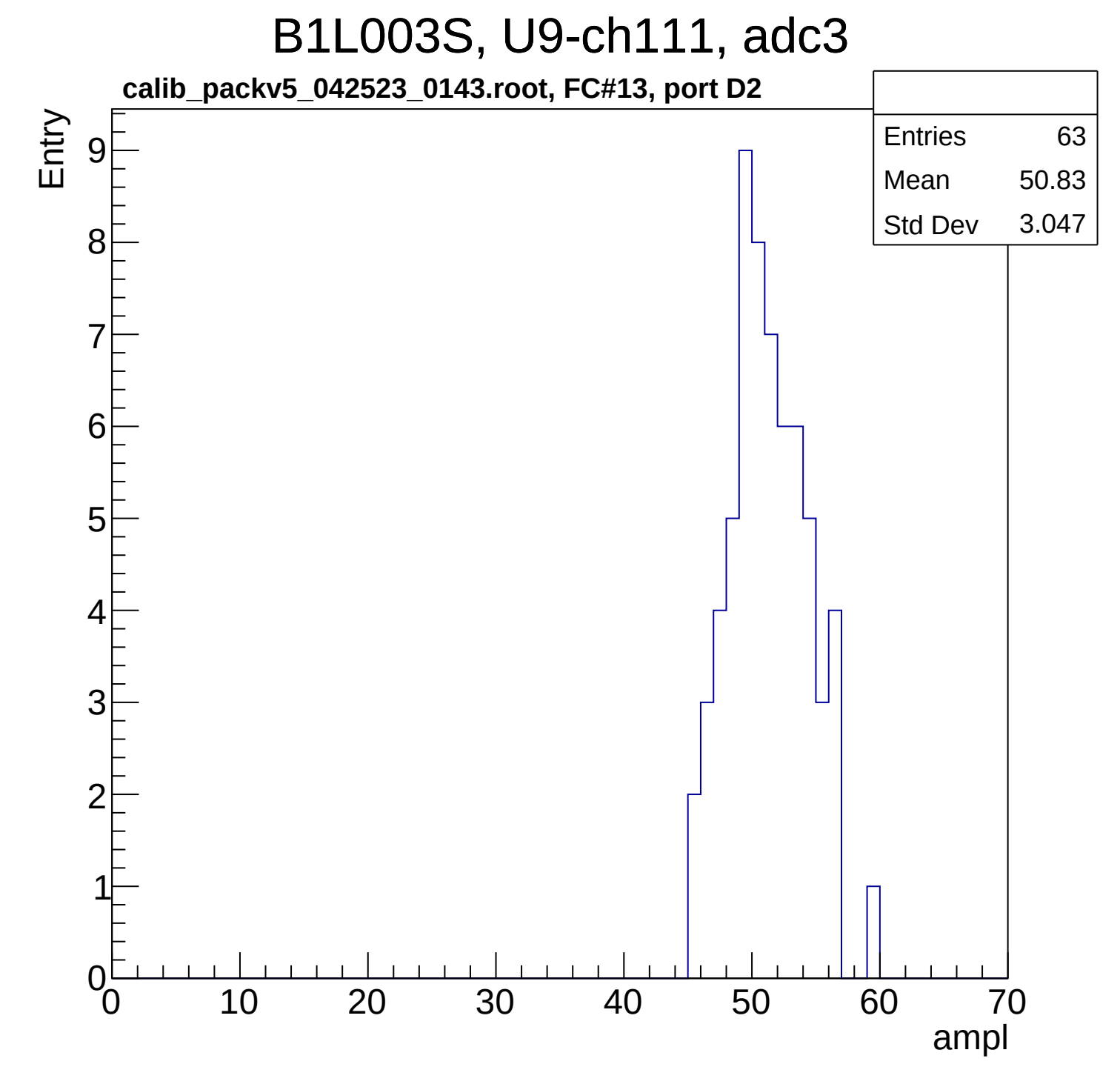
B1L003S, U9-ch111, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 50.83
Std Dev 3.047
Entry
ampl
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3
4
5
6
7
8
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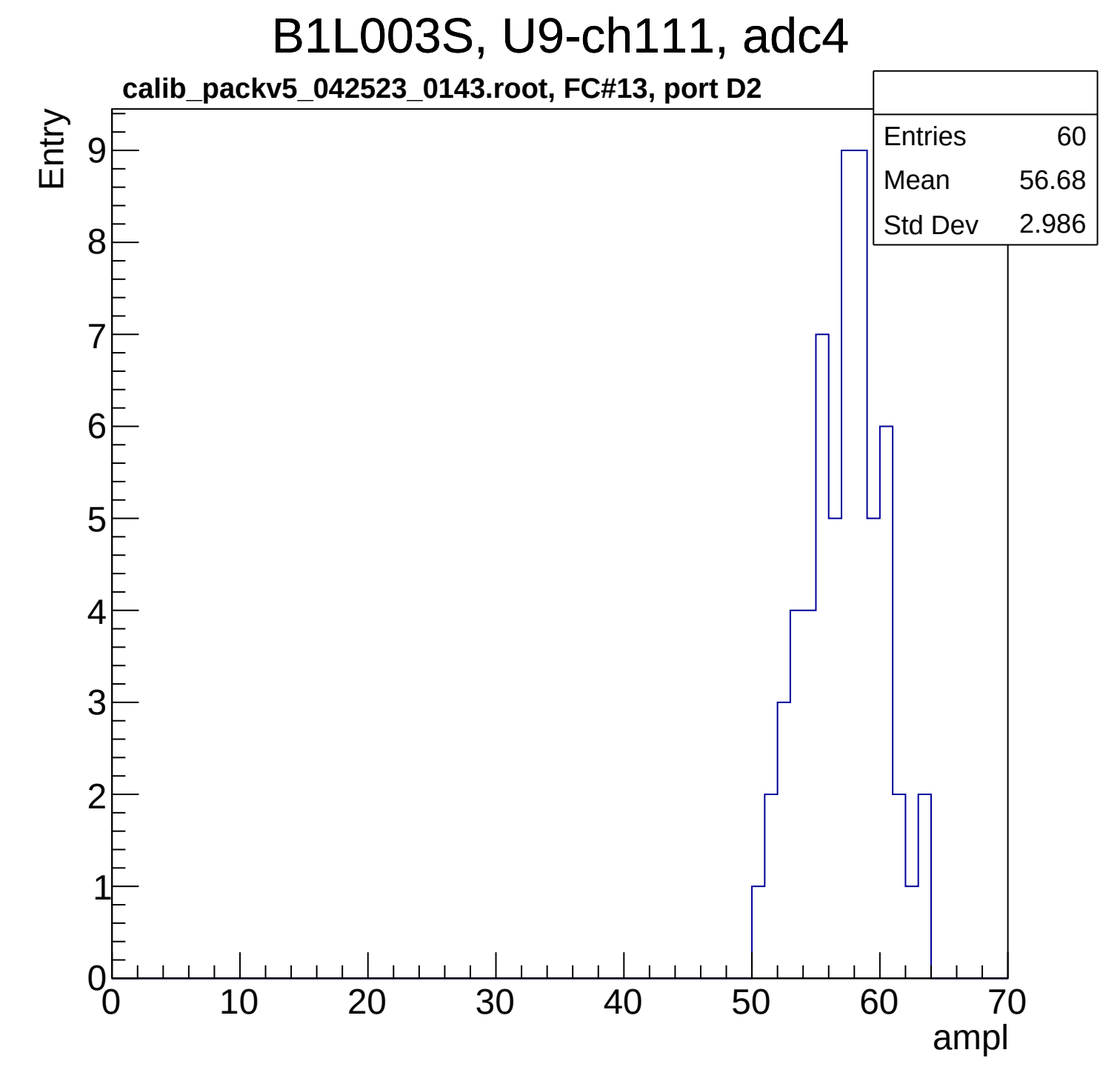
B1L003S, U9-ch111, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 56.68
Std Dev 2.986
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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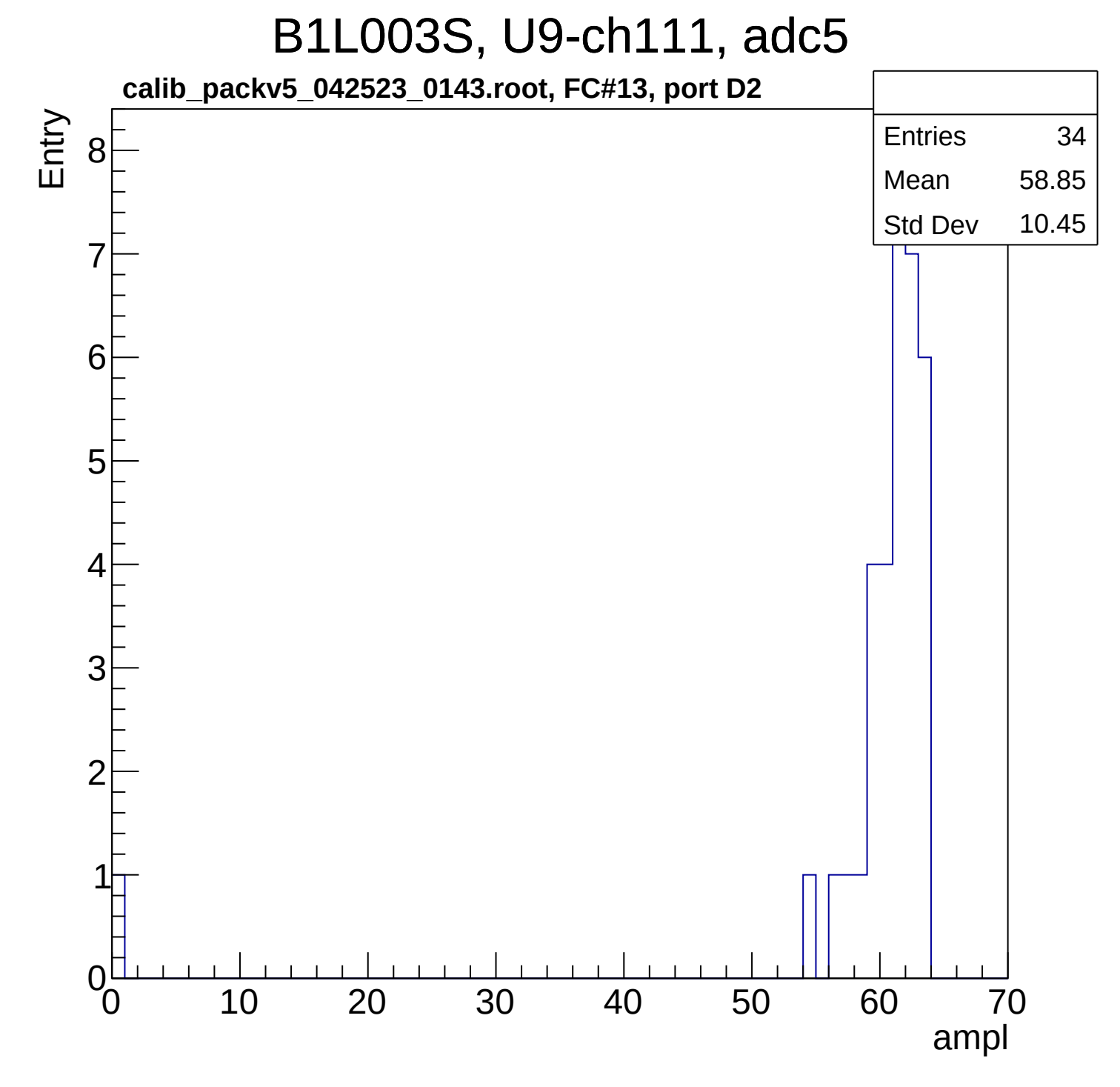
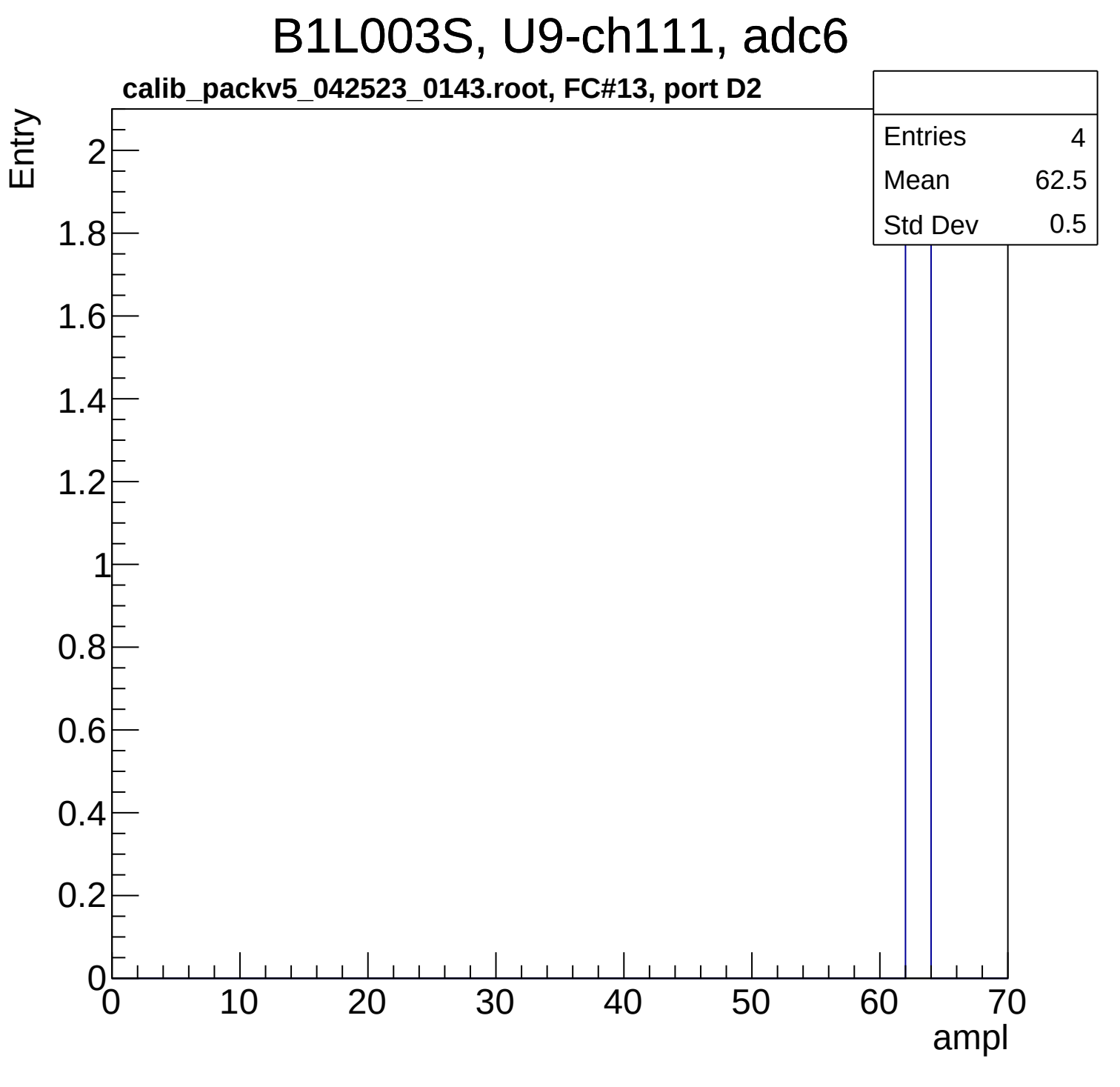

B1L003S, U9-ch111, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 34
Mean 58.85
Std Dev 10.45
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch111, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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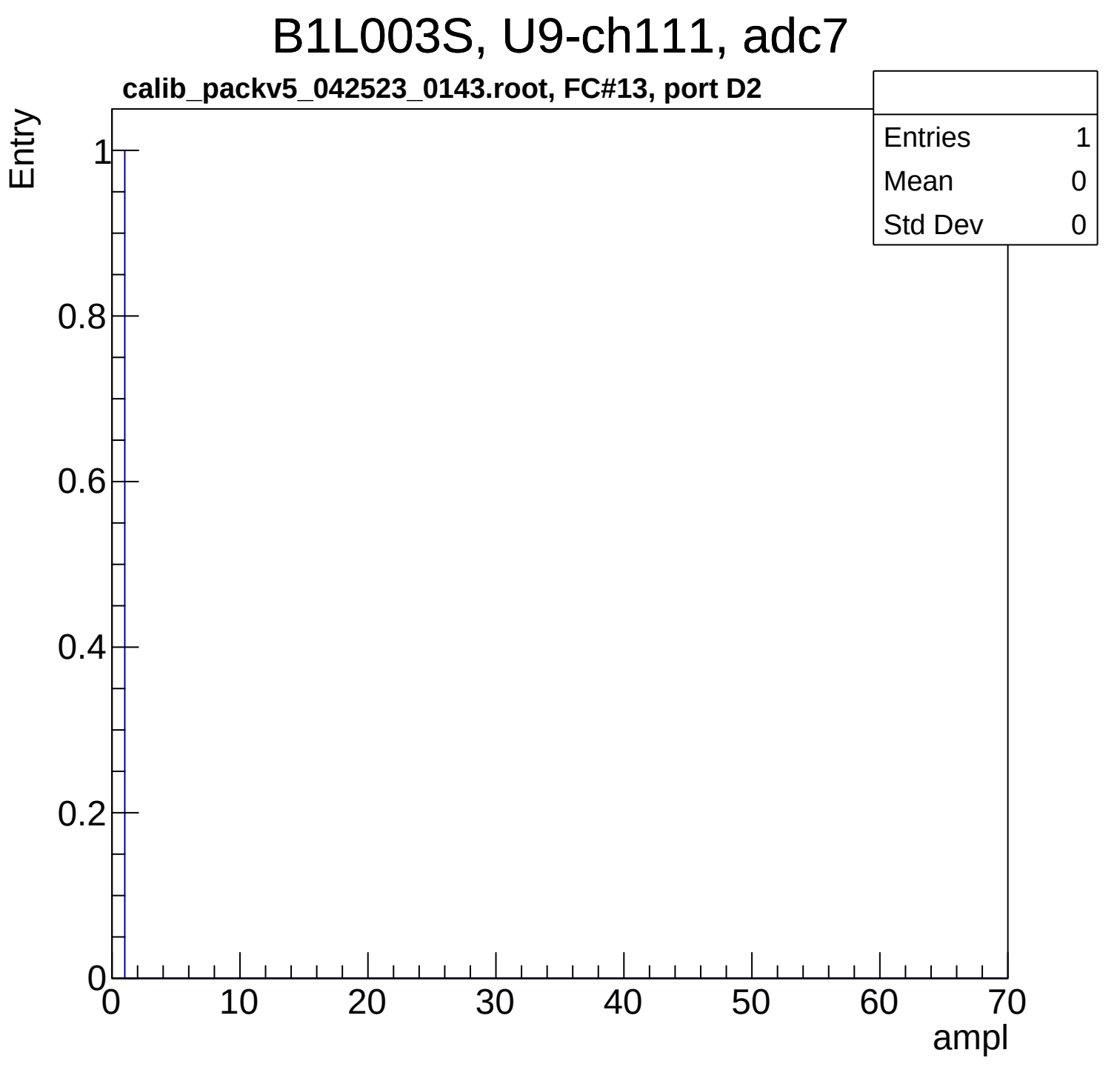
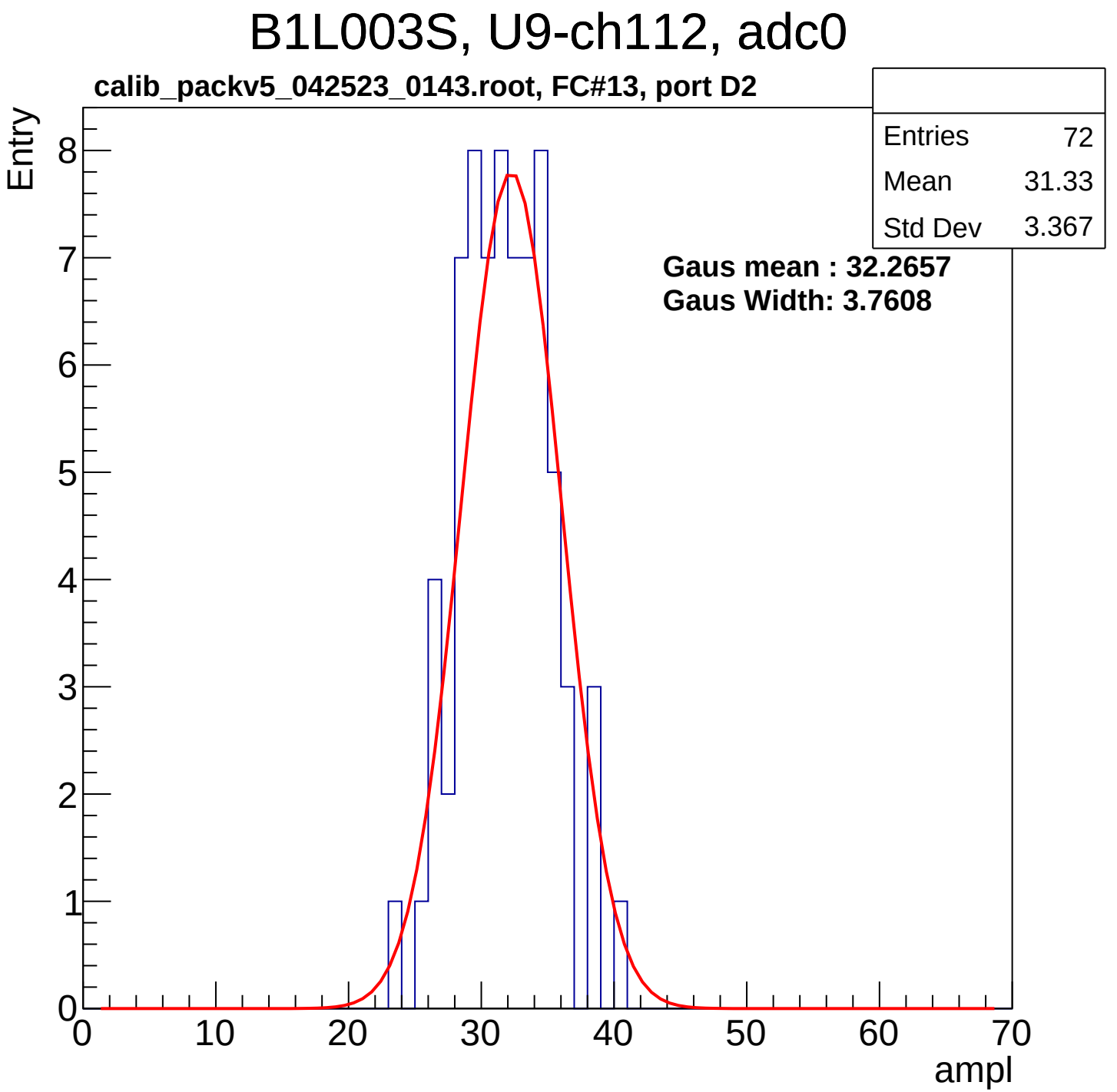

B1L003S, U9-ch111, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch112, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 31.33
Std Dev 3.367
Gaus mean : 32.2657
Gaus Width: 3.7608
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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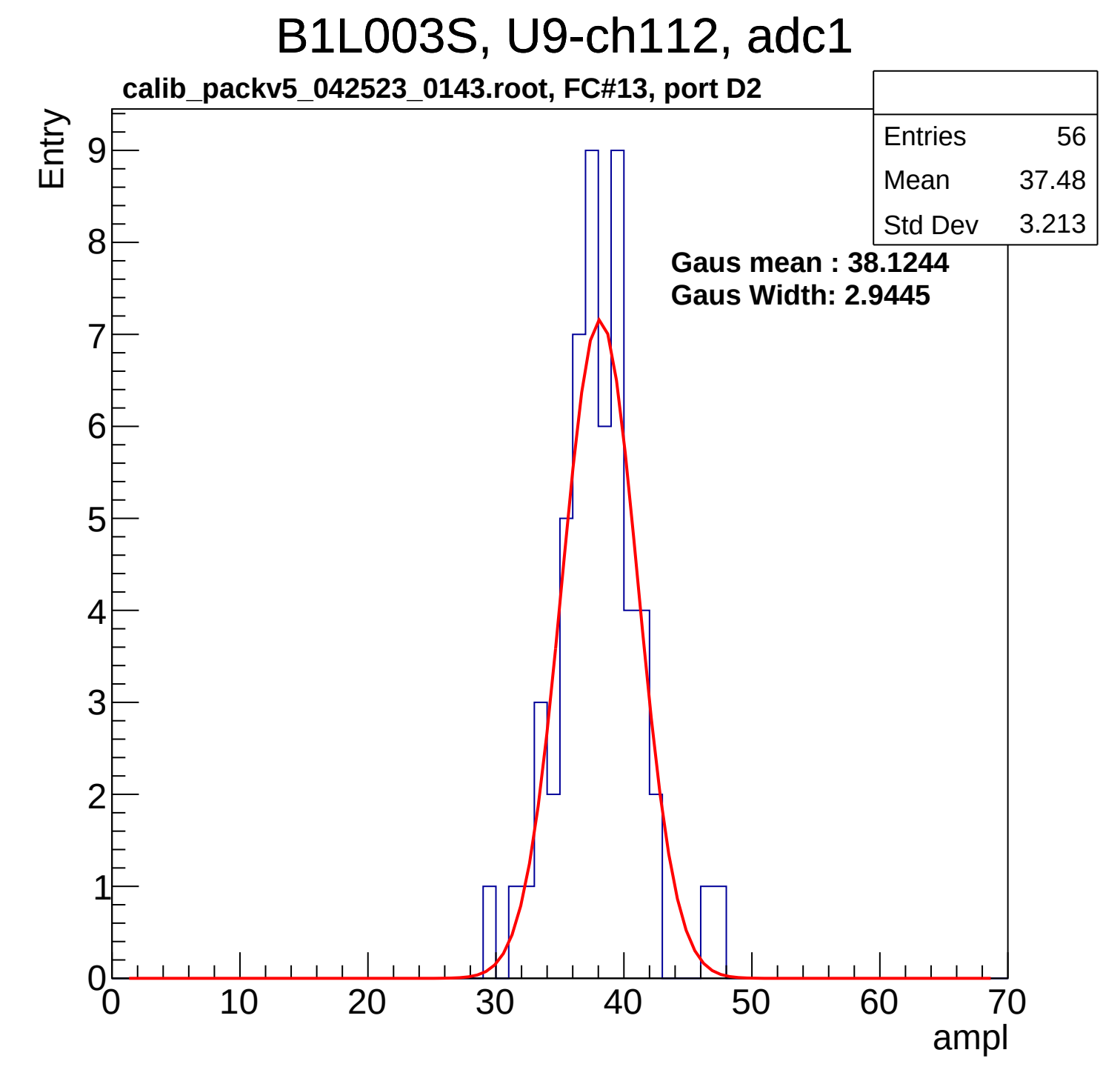
B1L003S, U9-ch112, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 37.48
Std Dev 3.213
Gaus mean : 38.1244
Gaus Width: 2.9445
Entry
ampl
0
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2
3
4
5
6
7
8
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0
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40
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60
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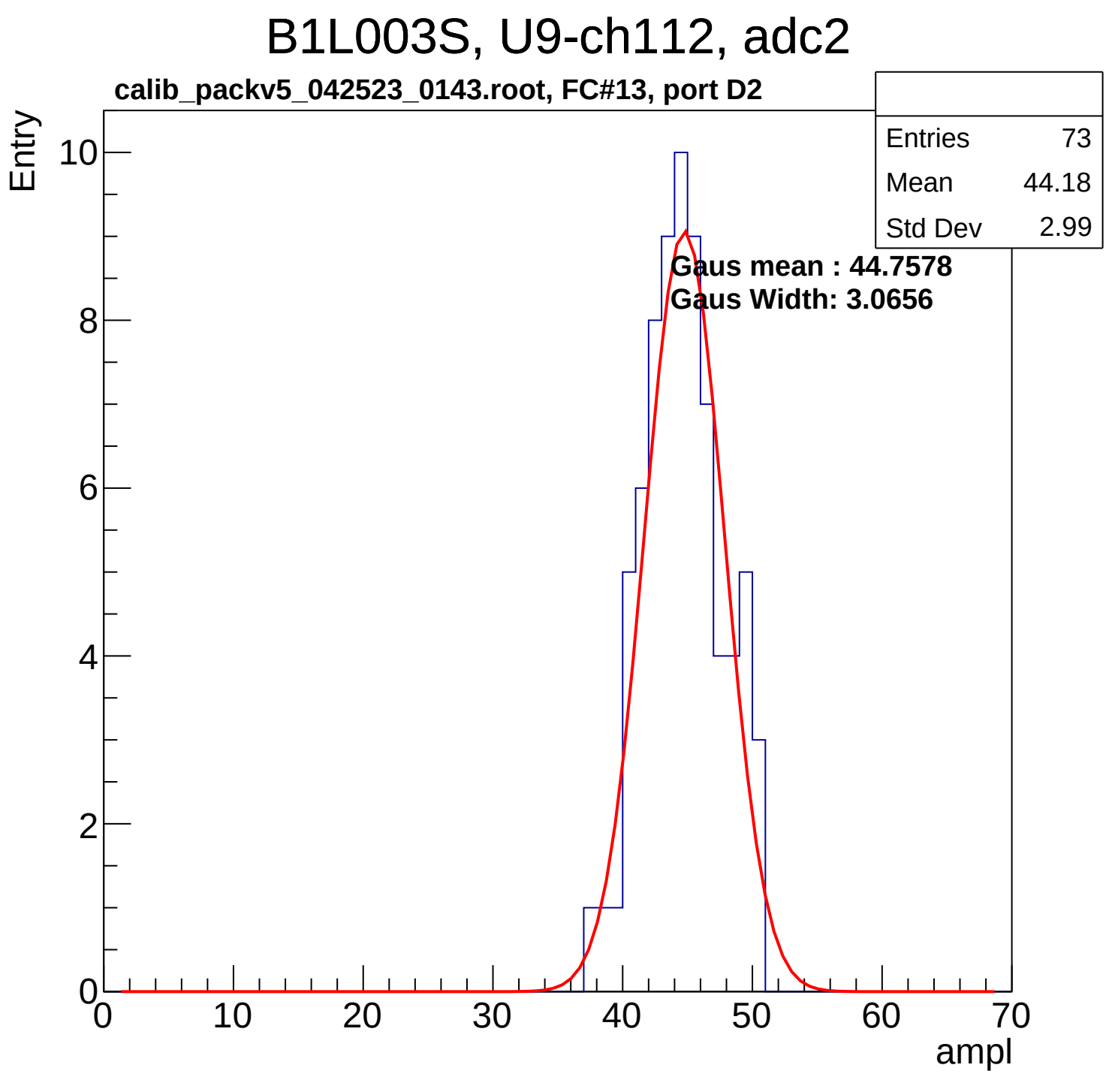
B1L003S, U9-ch112, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 44.18
Std Dev 2.99
Gaus mean : 44.7578
Gaus Width: 3.0656
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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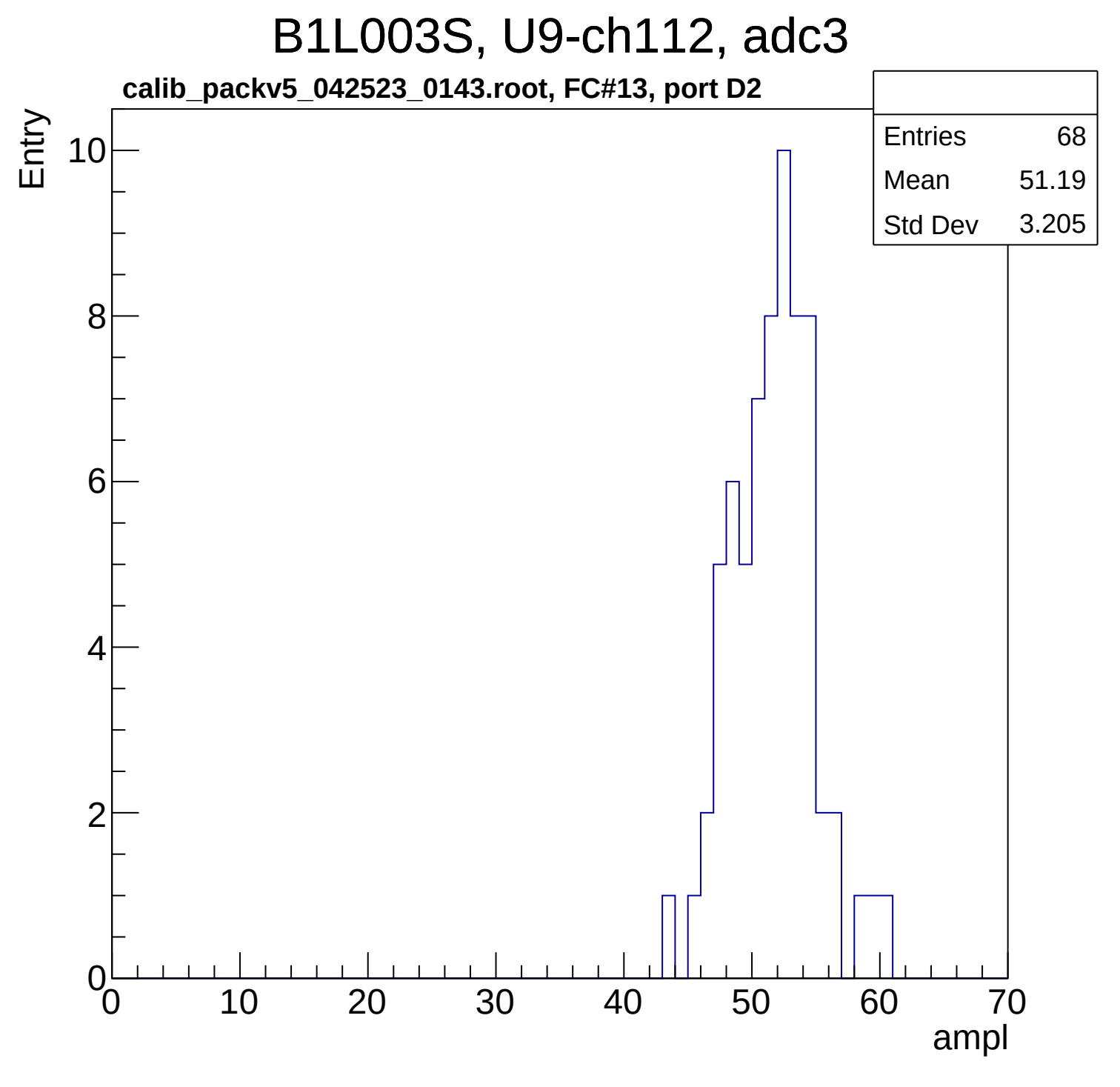
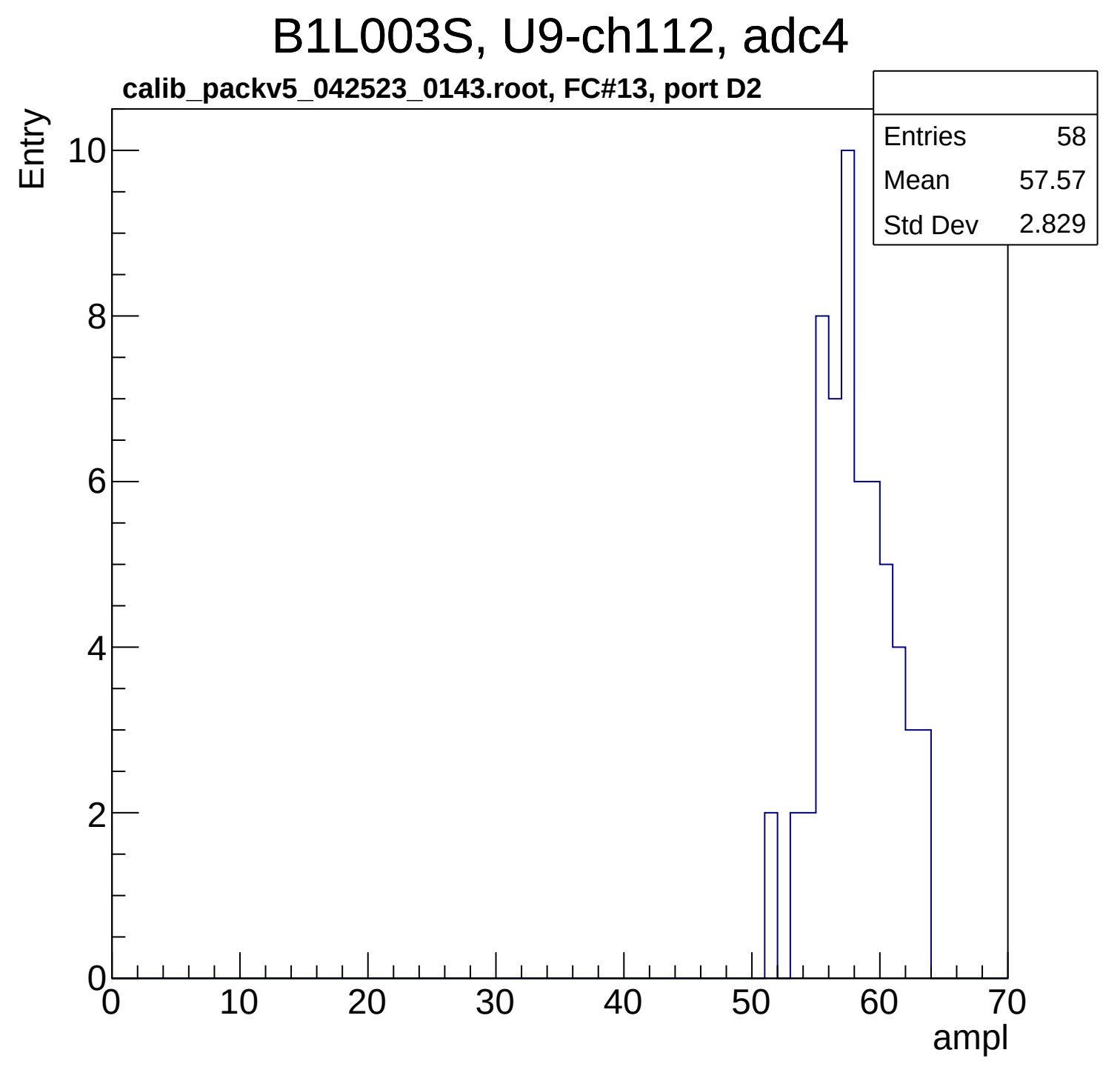
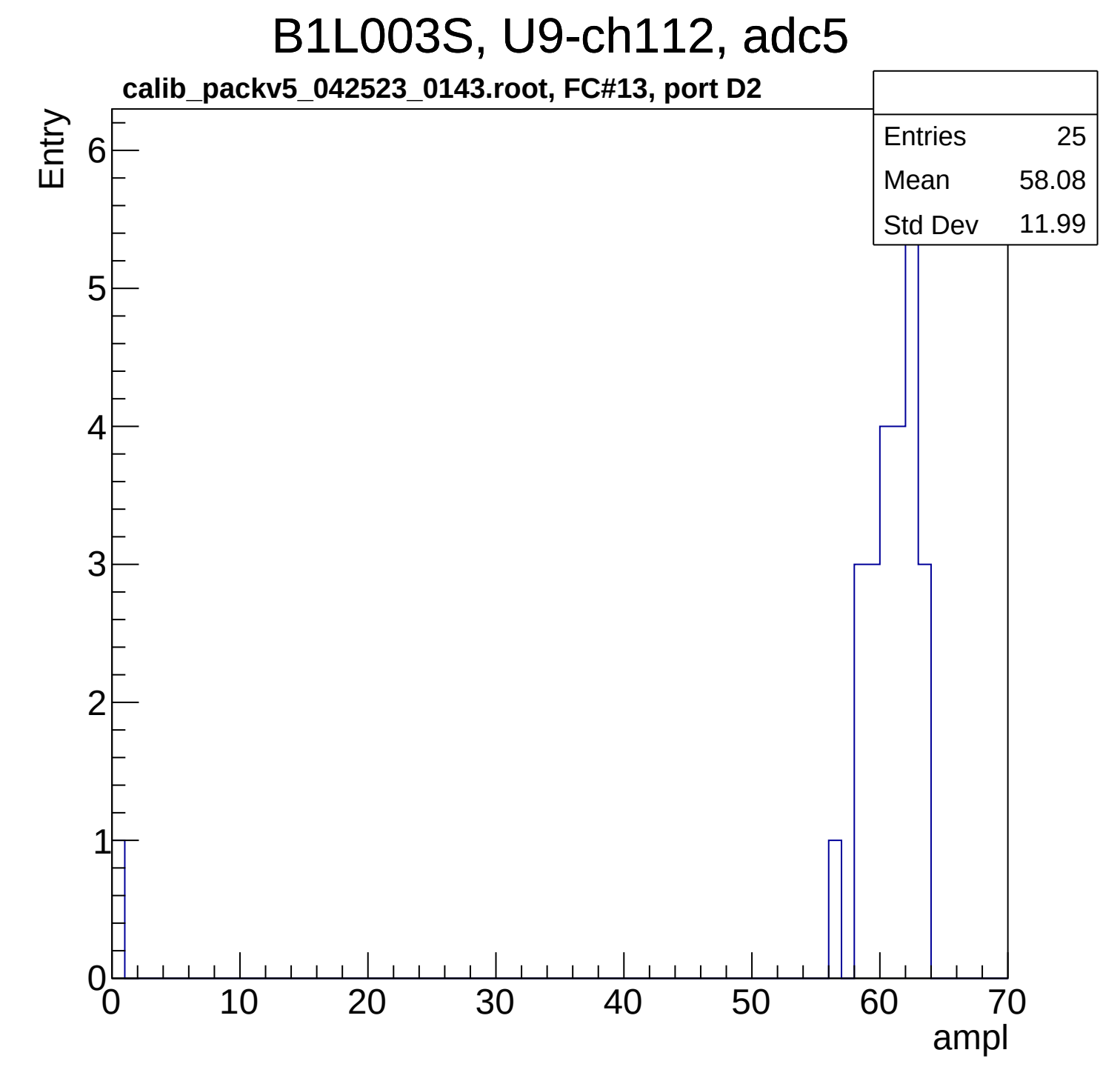
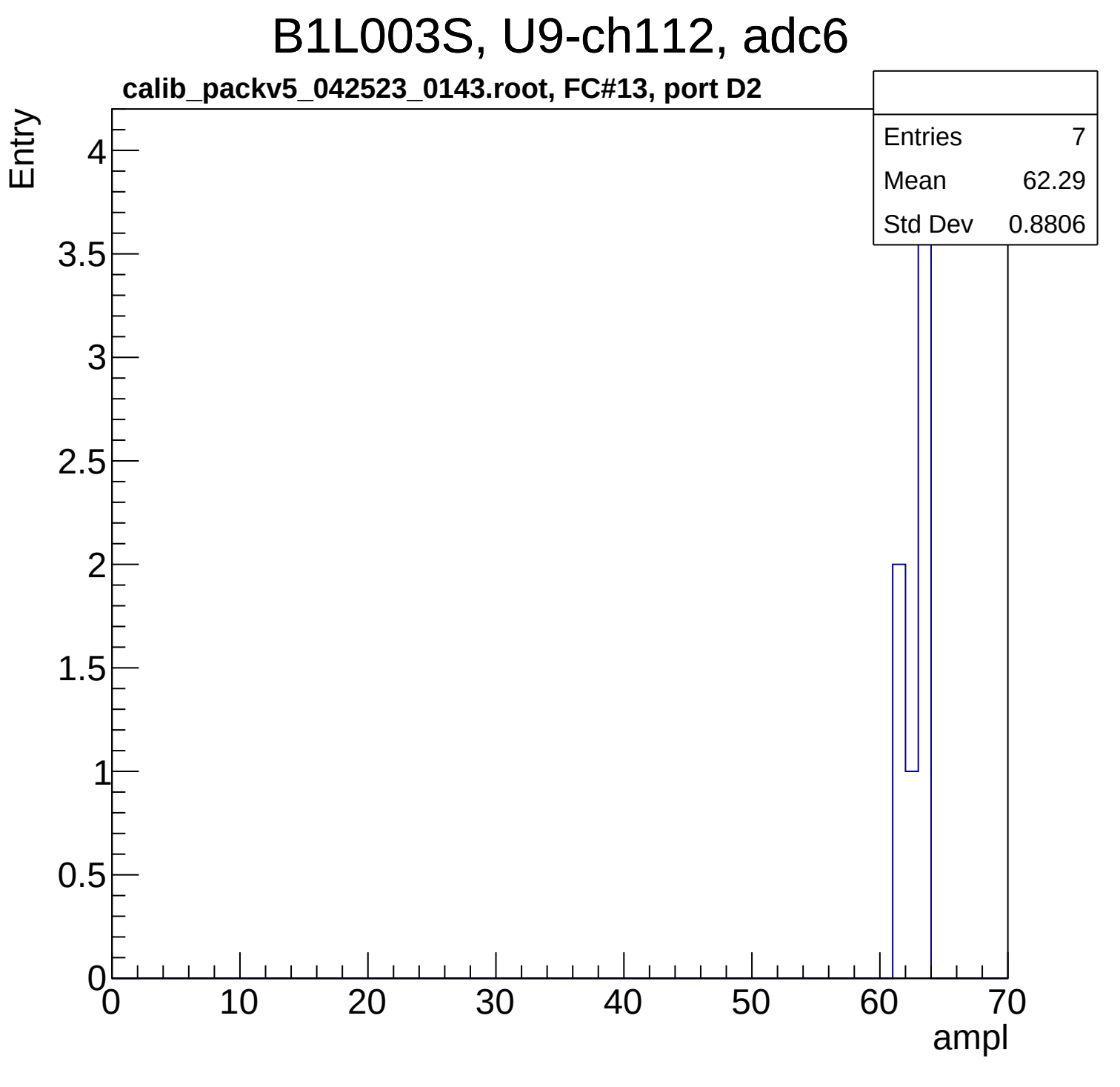
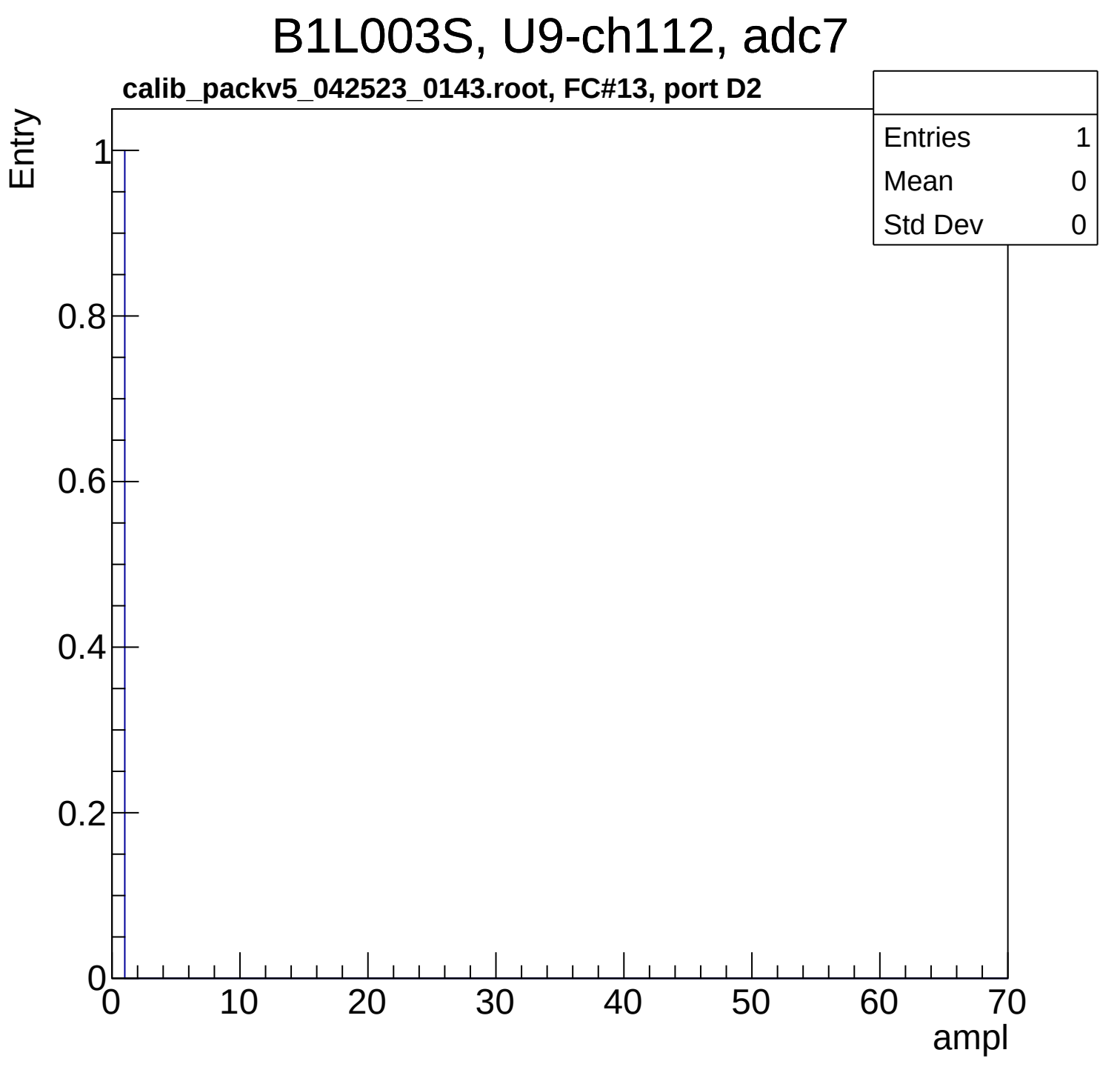
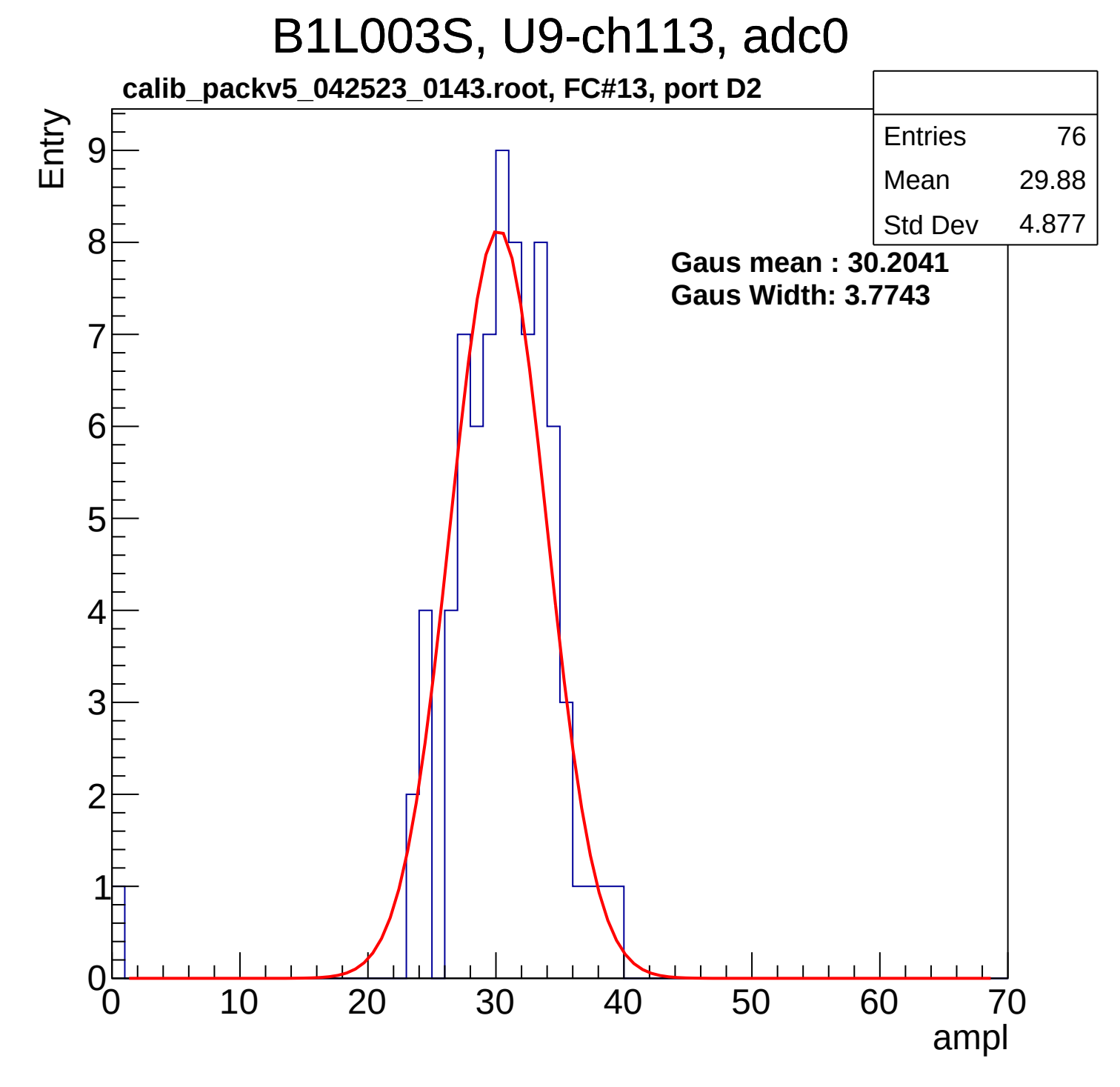

B1L003S, U9-ch112, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 51.19
Std Dev 3.205
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch112, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 57.57
Std Dev 2.829
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch112, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 25
Mean 58.08
Std Dev 11.99
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch112, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.29
Std Dev 0.8806
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U9-ch112, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch113, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 29.88
Std Dev 4.877
Gaus mean : 30.2041
Gaus Width: 3.7743
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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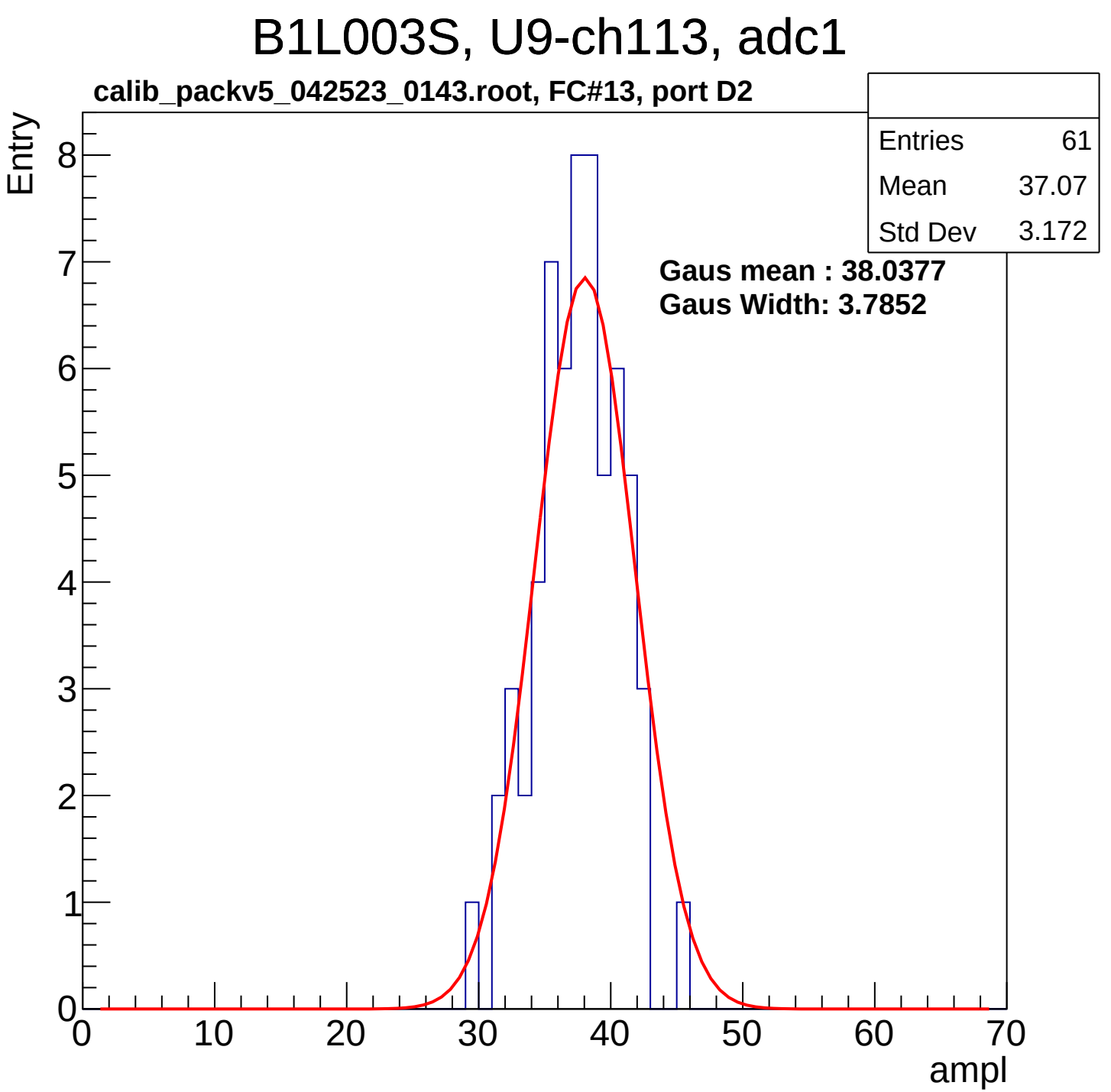
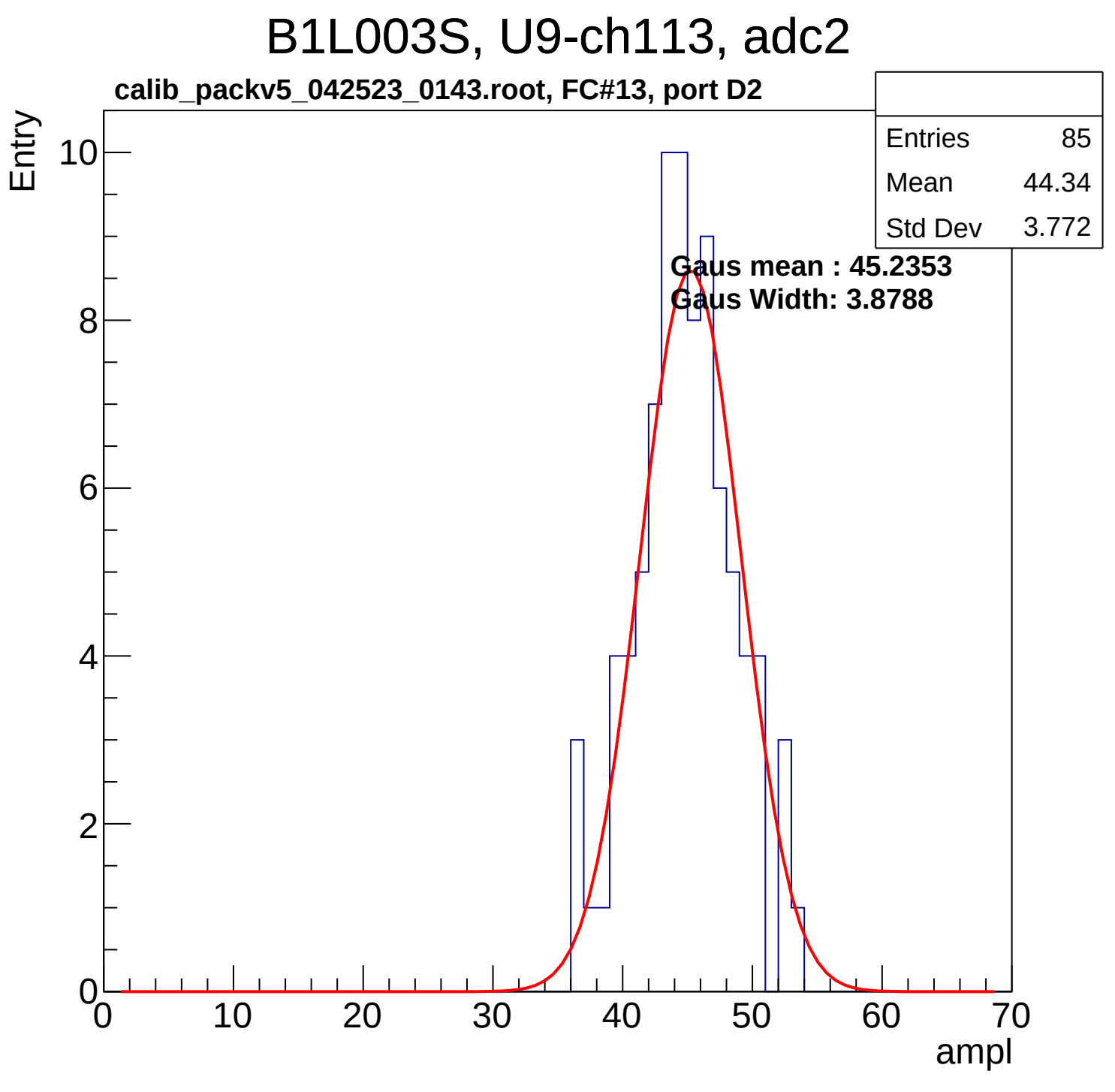
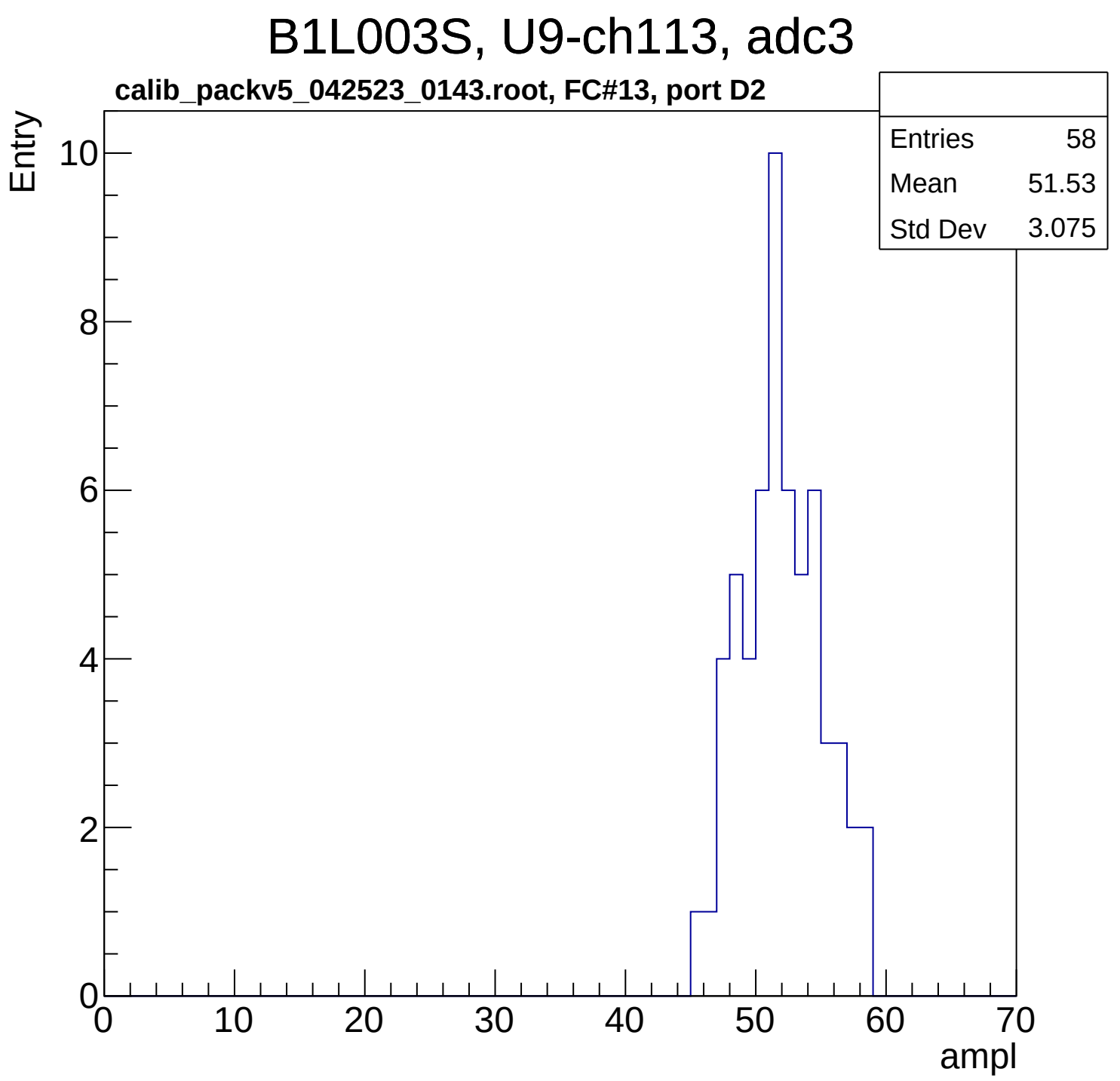
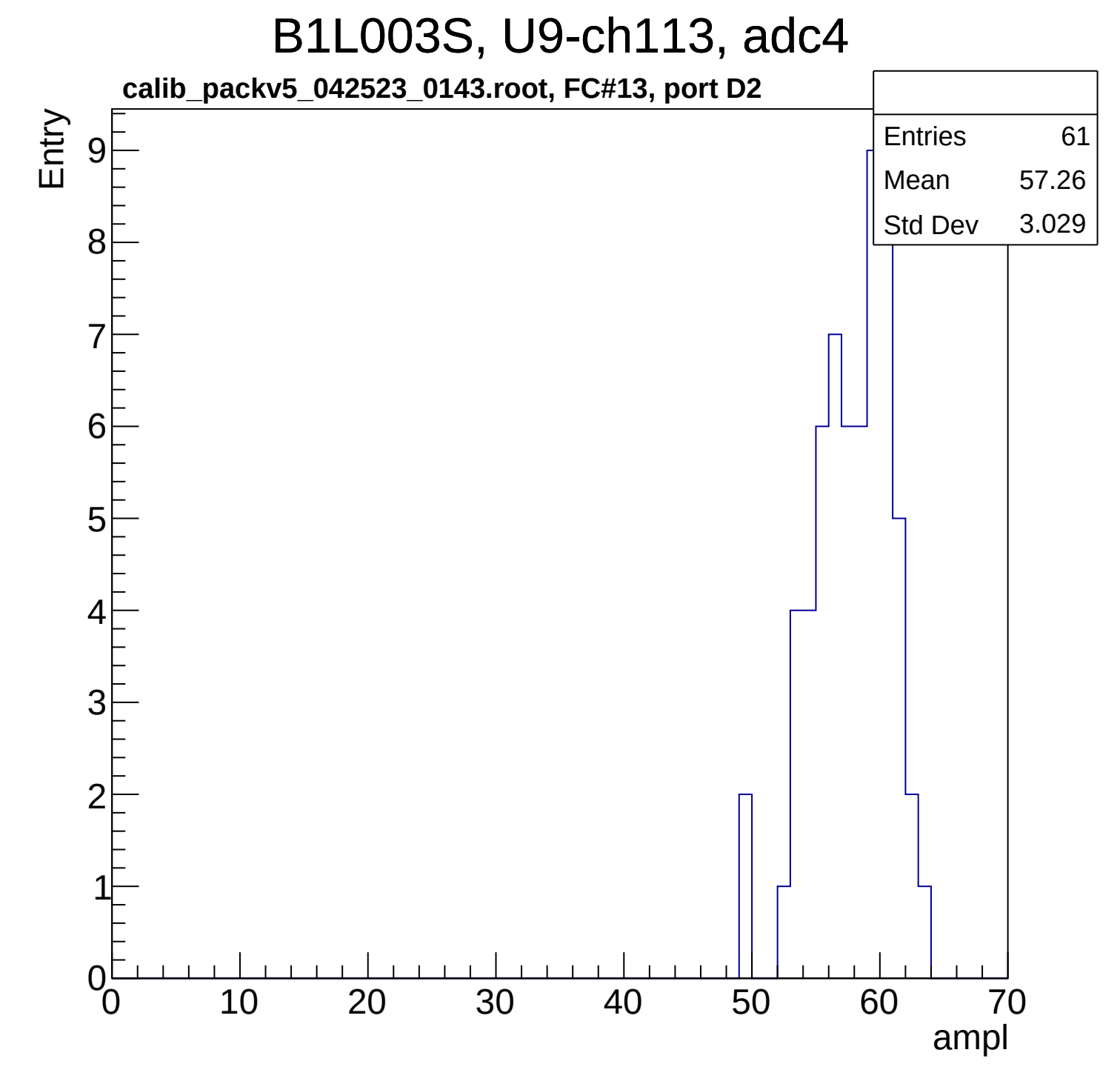

B1L003S, U9-ch113, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 37.07
Std Dev 3.172
Gaus mean : 38.0377
Gaus Width: 3.7852
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch113, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 44.34
Std Dev 3.772
Gaus mean : 45.2353
Gaus Width: 3.8788
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch113, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 51.53
Std Dev 3.075
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch113, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 57.26
Std Dev 3.029
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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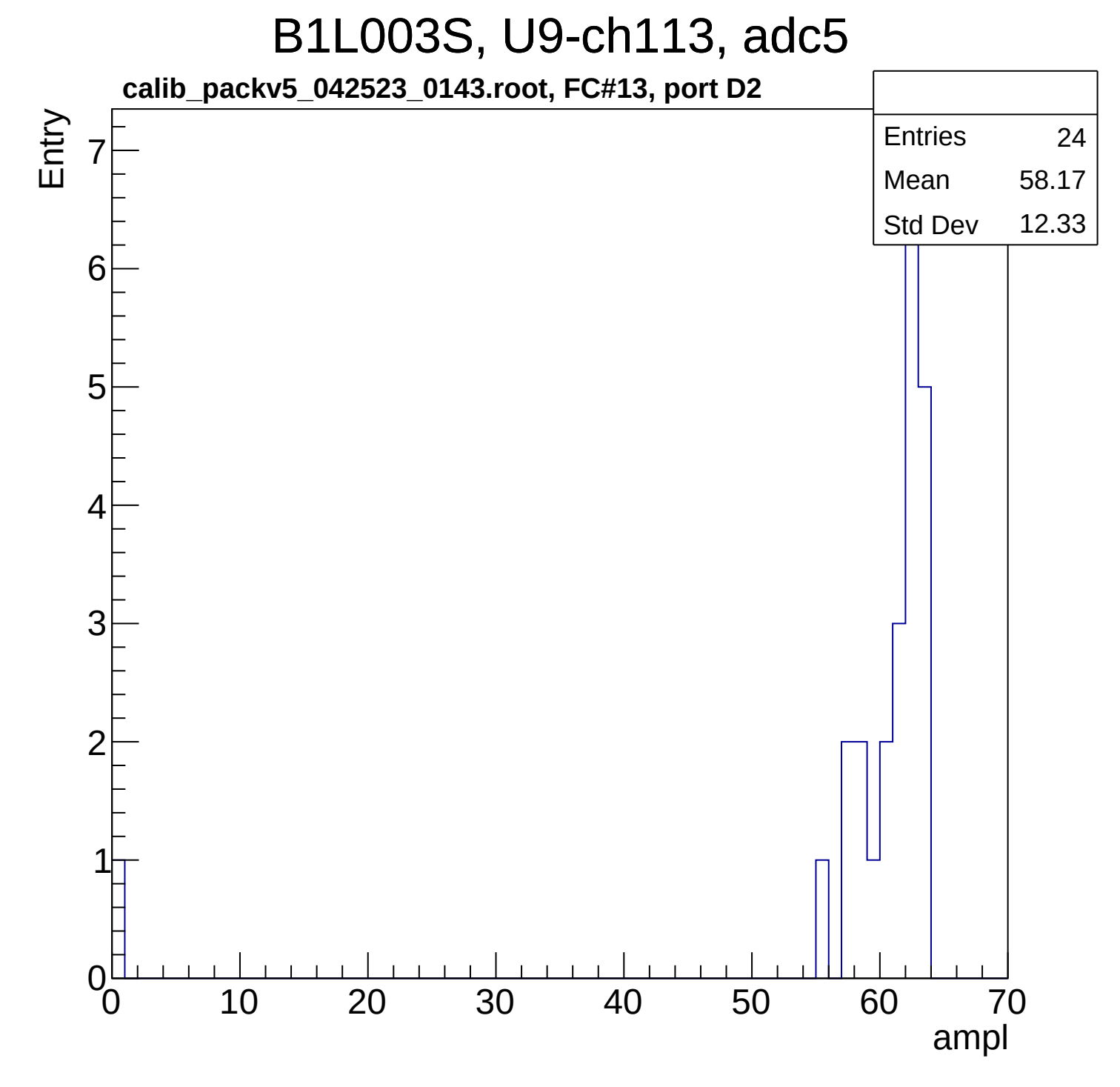
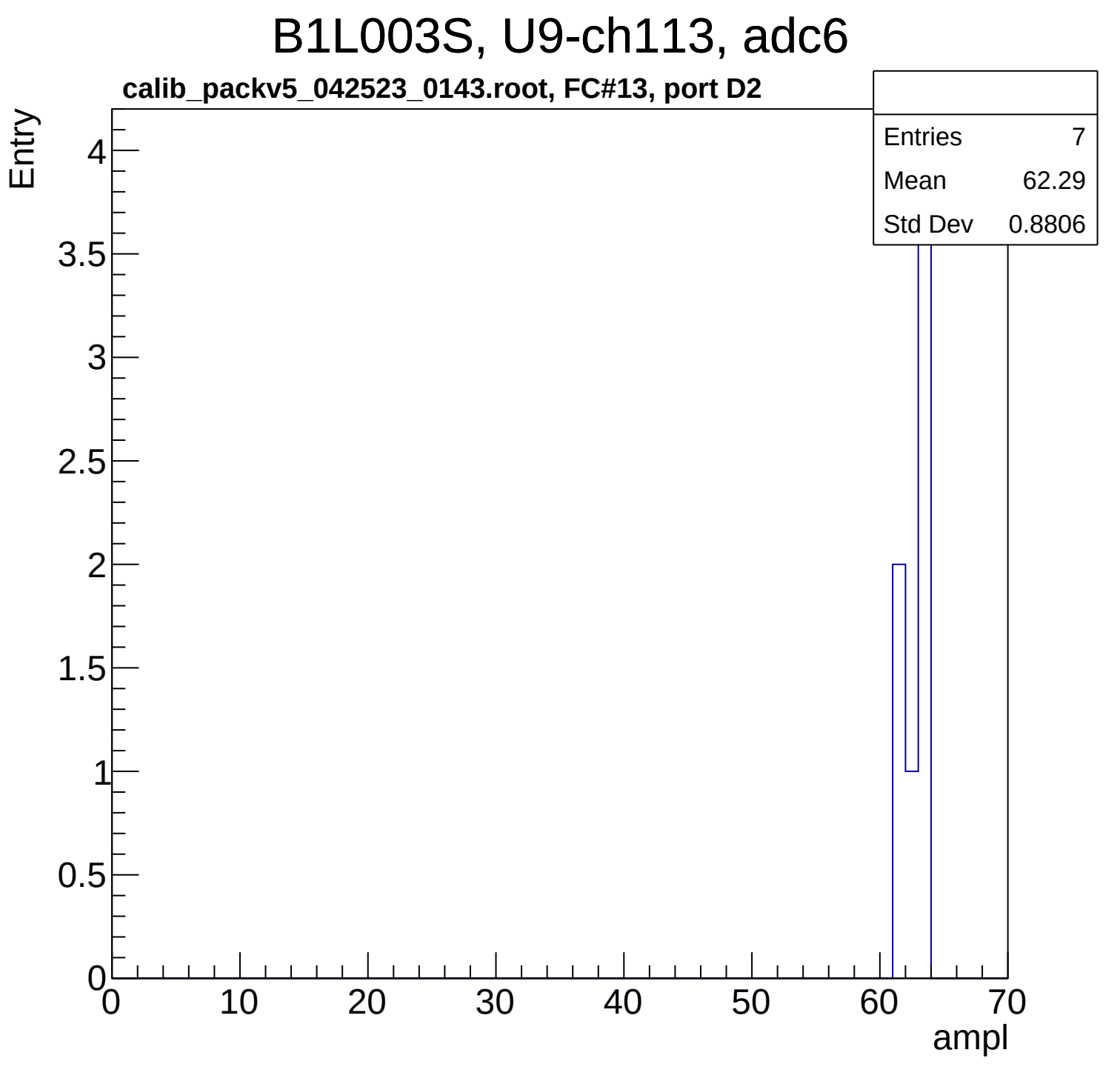
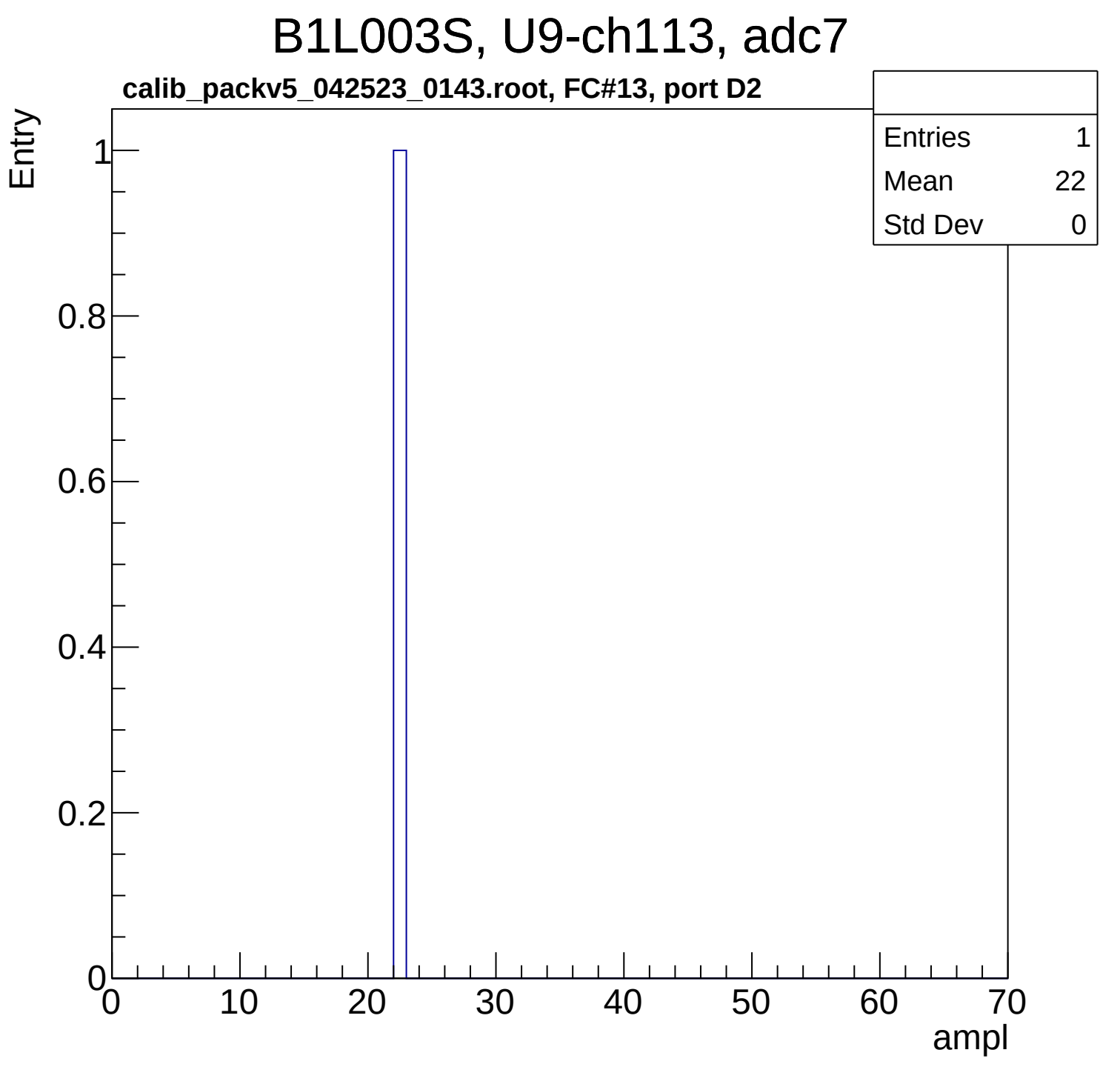
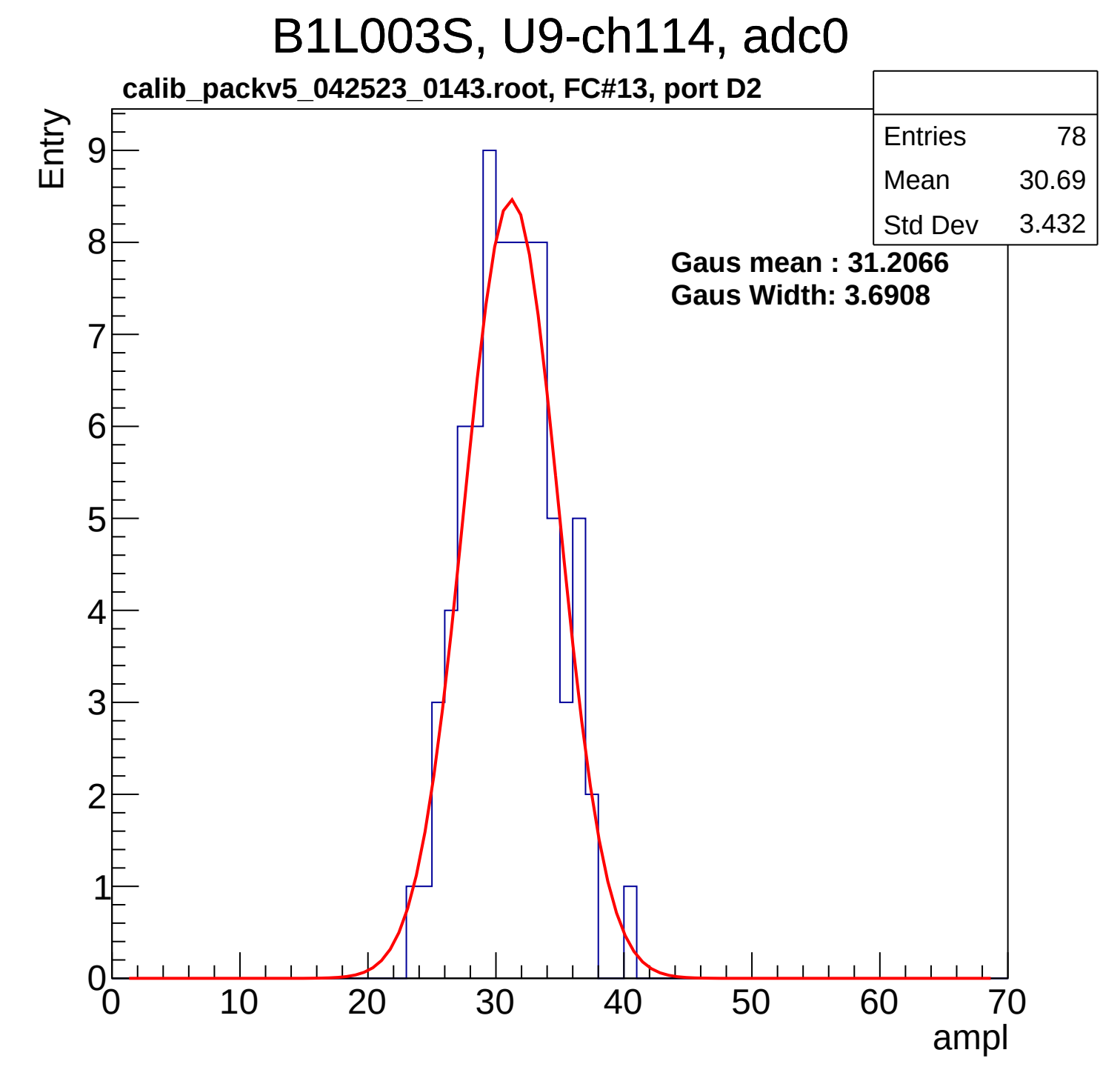
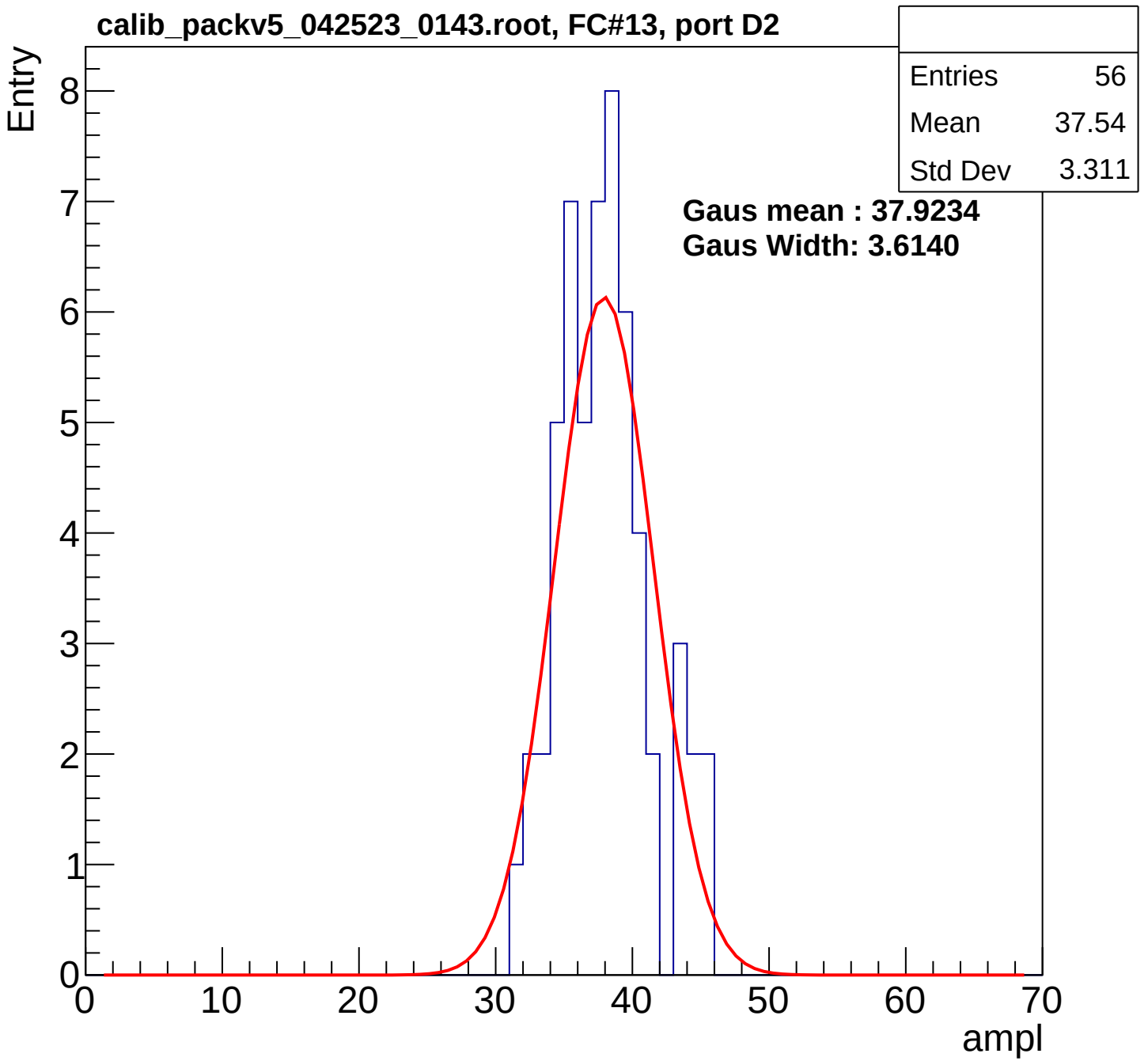
40
50
60
70


B1L003S, U9-ch113, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 24
Mean 58.17
Std Dev 12.33
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch113, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.29
Std Dev 0.8806
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U9-ch113, adc7
calib_packv5_042523_0143.root, FC#13, port D2
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


B1L003S, U9-ch114, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 30.69
Std Dev 3.432
Gaus mean : 31.2066
Gaus Width: 3.6908
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch114, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 37.54
Std Dev 3.311
Gaus mean : 37.9234
Gaus Width: 3.6140
Entry
ampl
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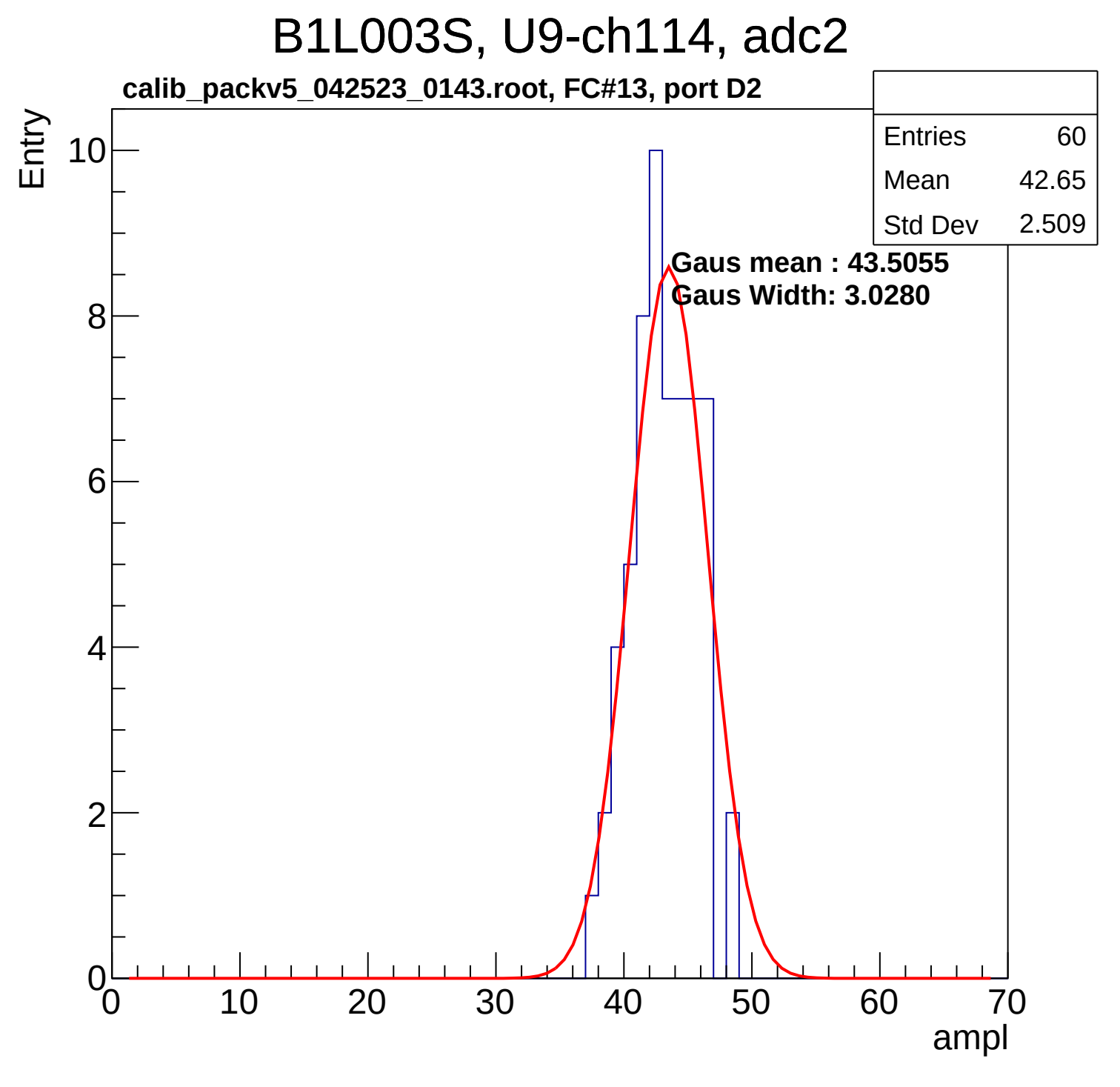
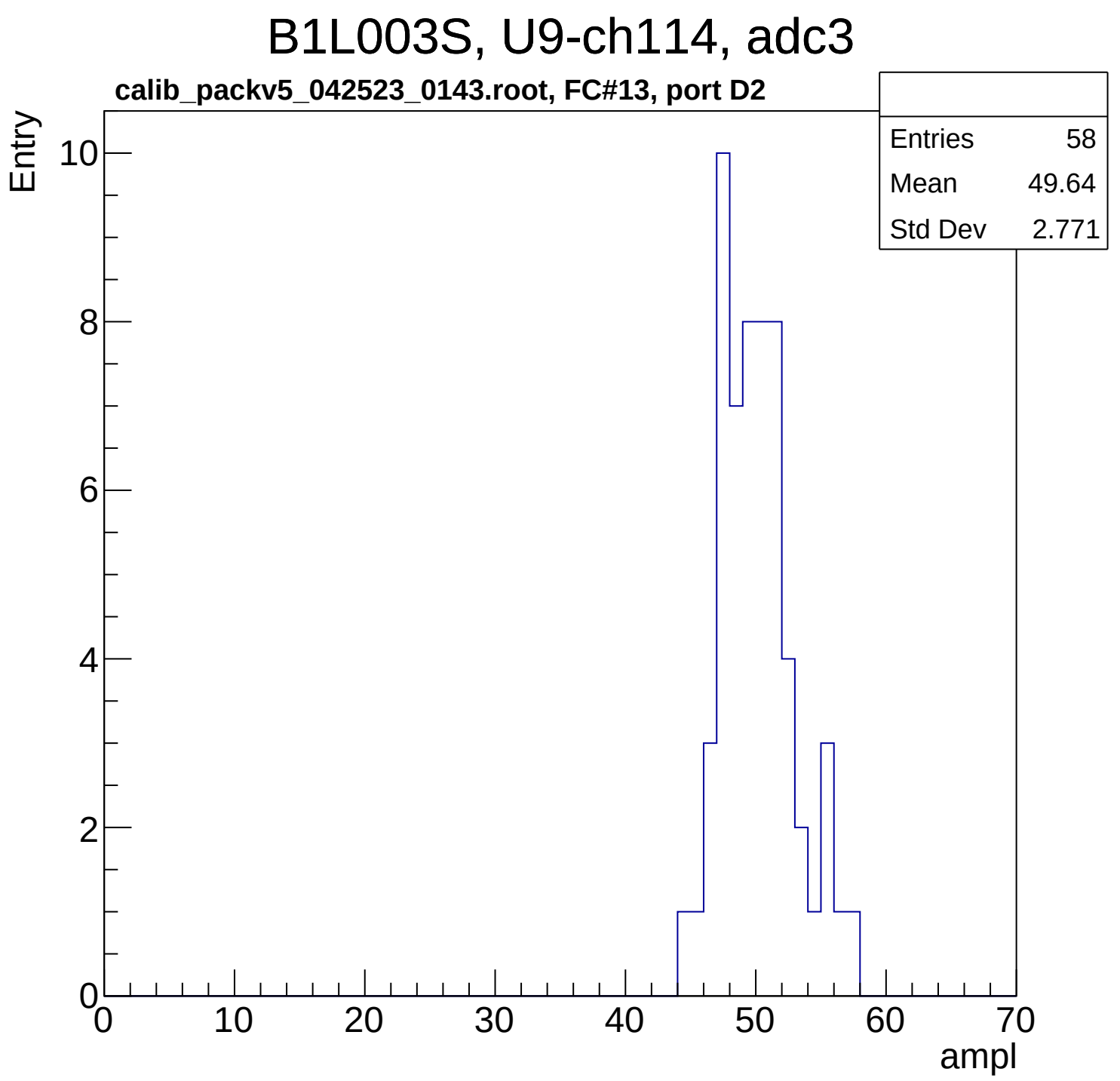
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch114, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 42.65
Std Dev 2.509
Gaus mean : 43.5055
Gaus Width: 3.0280
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch114, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 49.64
Std Dev 2.771
Entry
0
2
4
6
8
10
0
10
20
30
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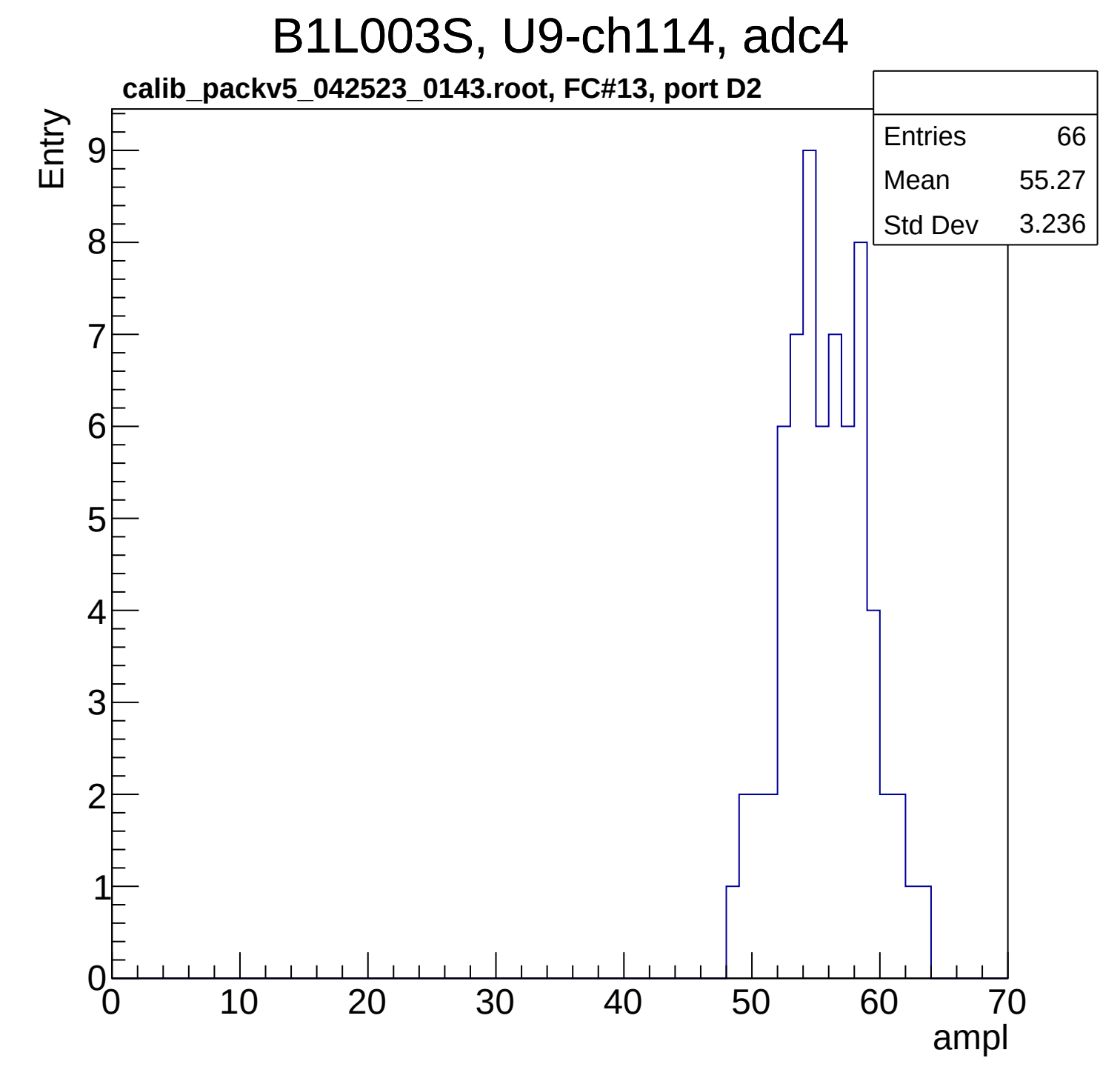
50
60
70
ampl


B1L003S, U9-ch114, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 55.27
Std Dev 3.236
Entry
ampl
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3
4
5
6
7
8
9
0
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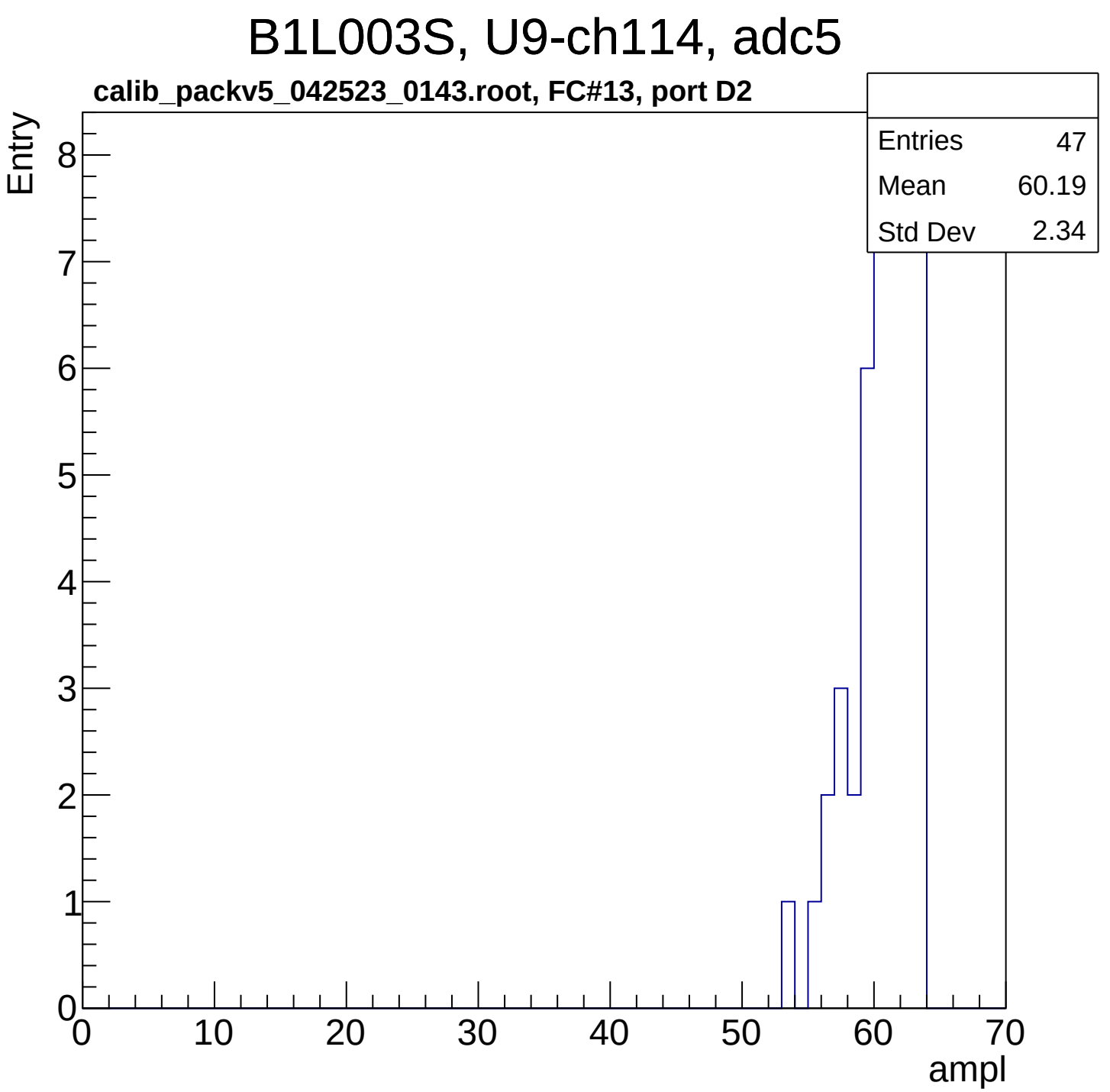
20
30
40
50
60
70


B1L003S, U9-ch114, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 60.19
Std Dev 2.34
Entry
ampl
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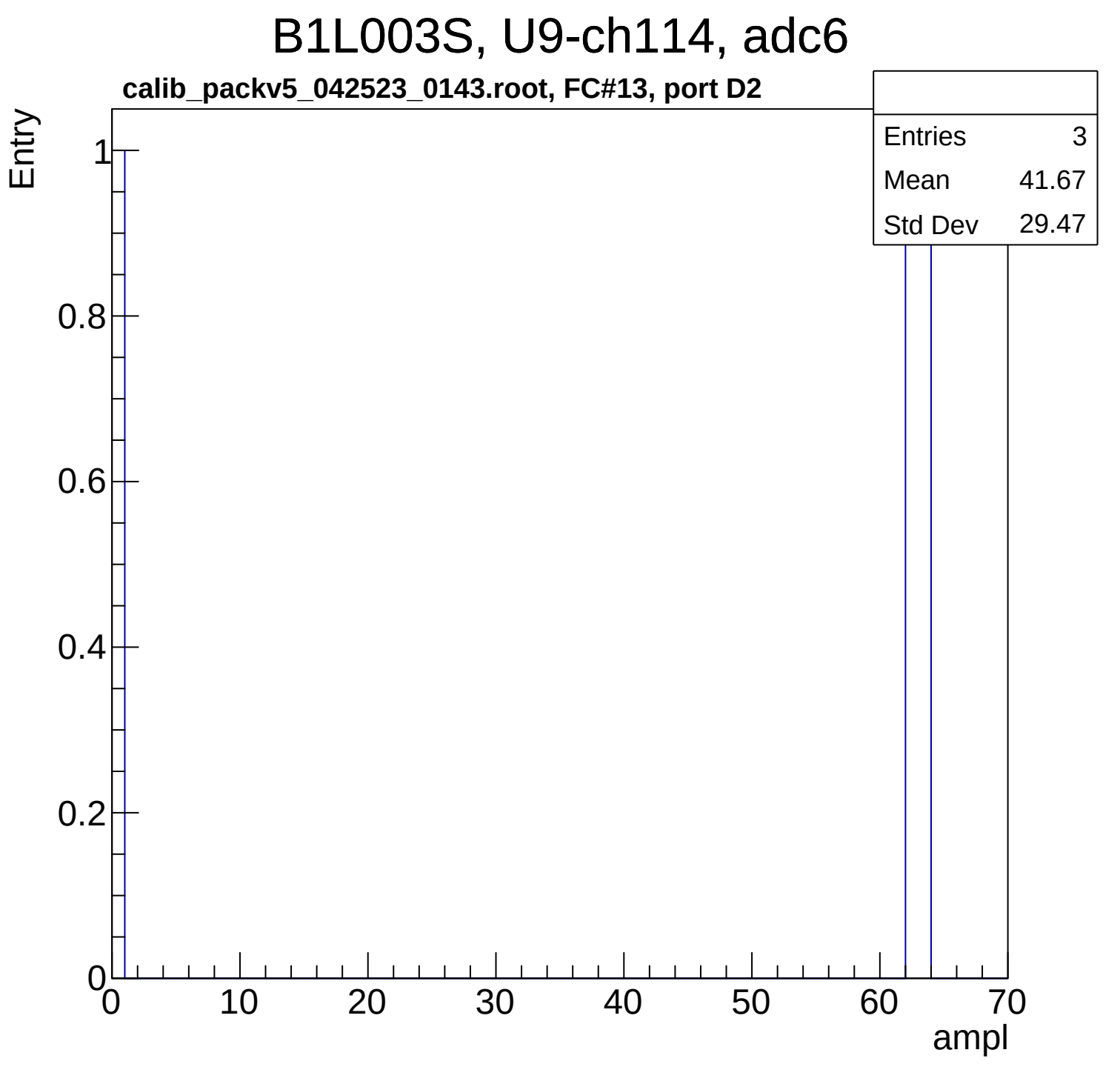
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch114, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 41.67
Std Dev 29.47
Entry
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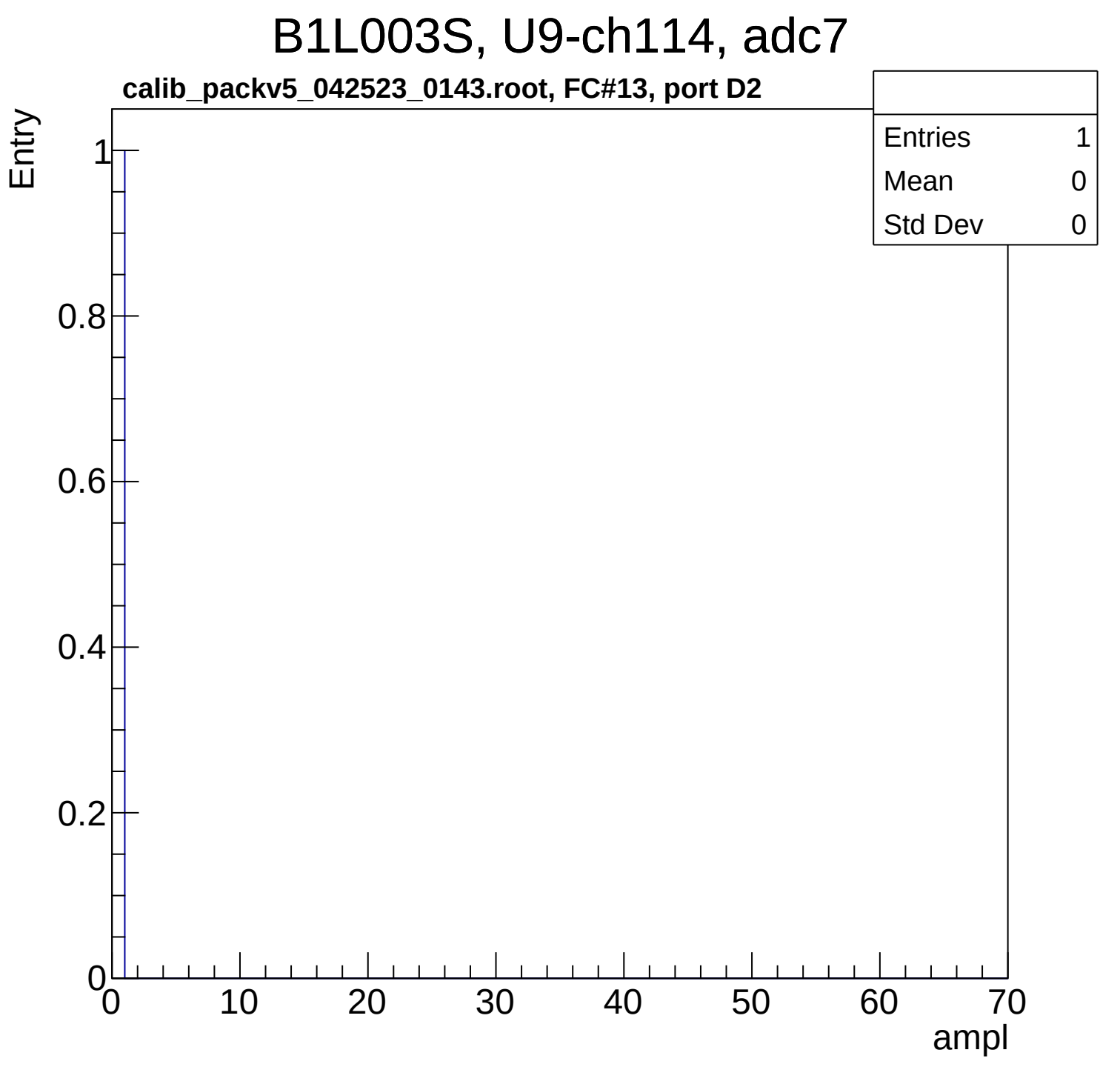
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch114, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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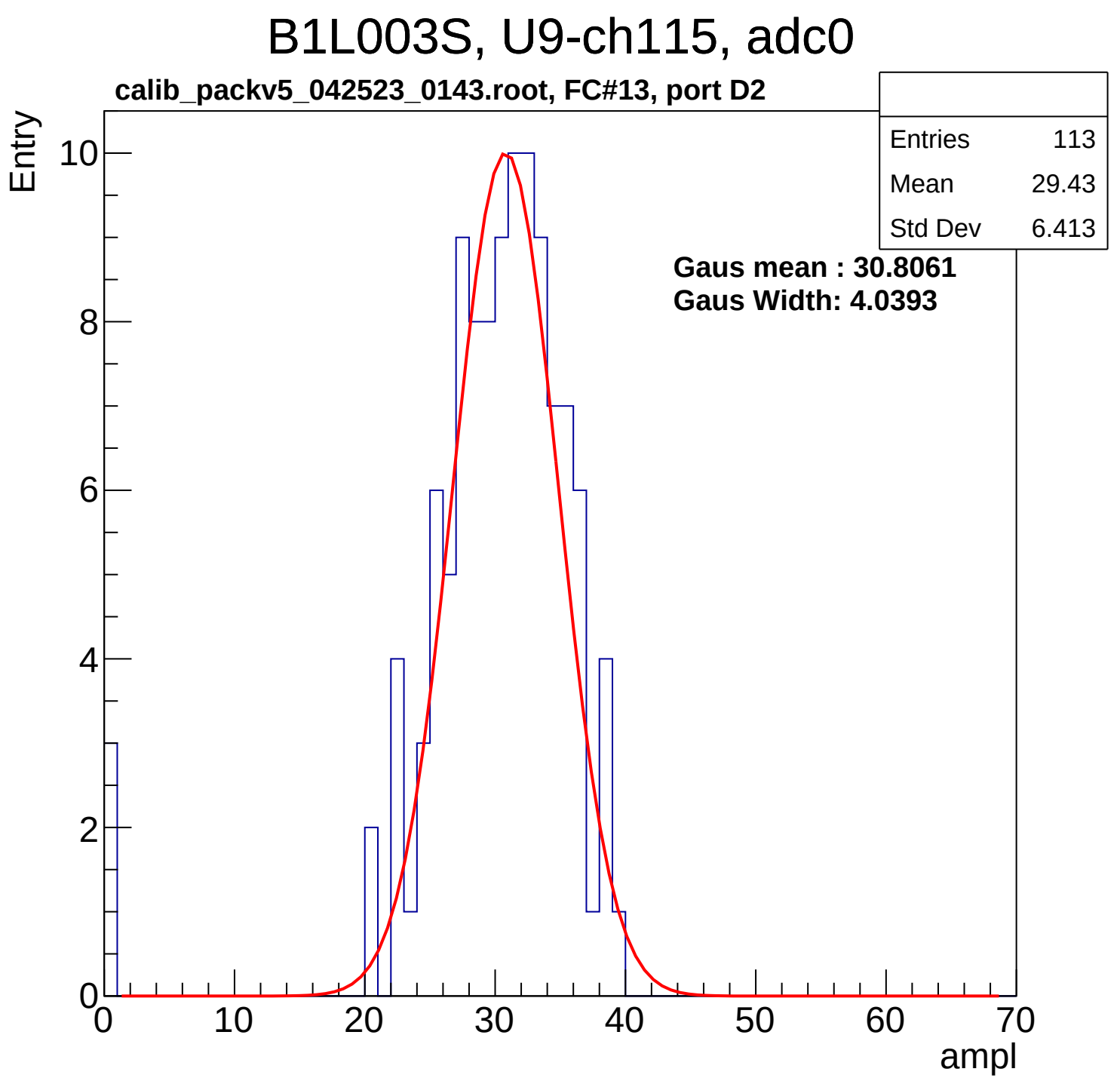
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch115, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 113
Mean 29.43
Std Dev 6.413
Gaus mean : 30.8061
Gaus Width: 4.0393
Entry
ampl
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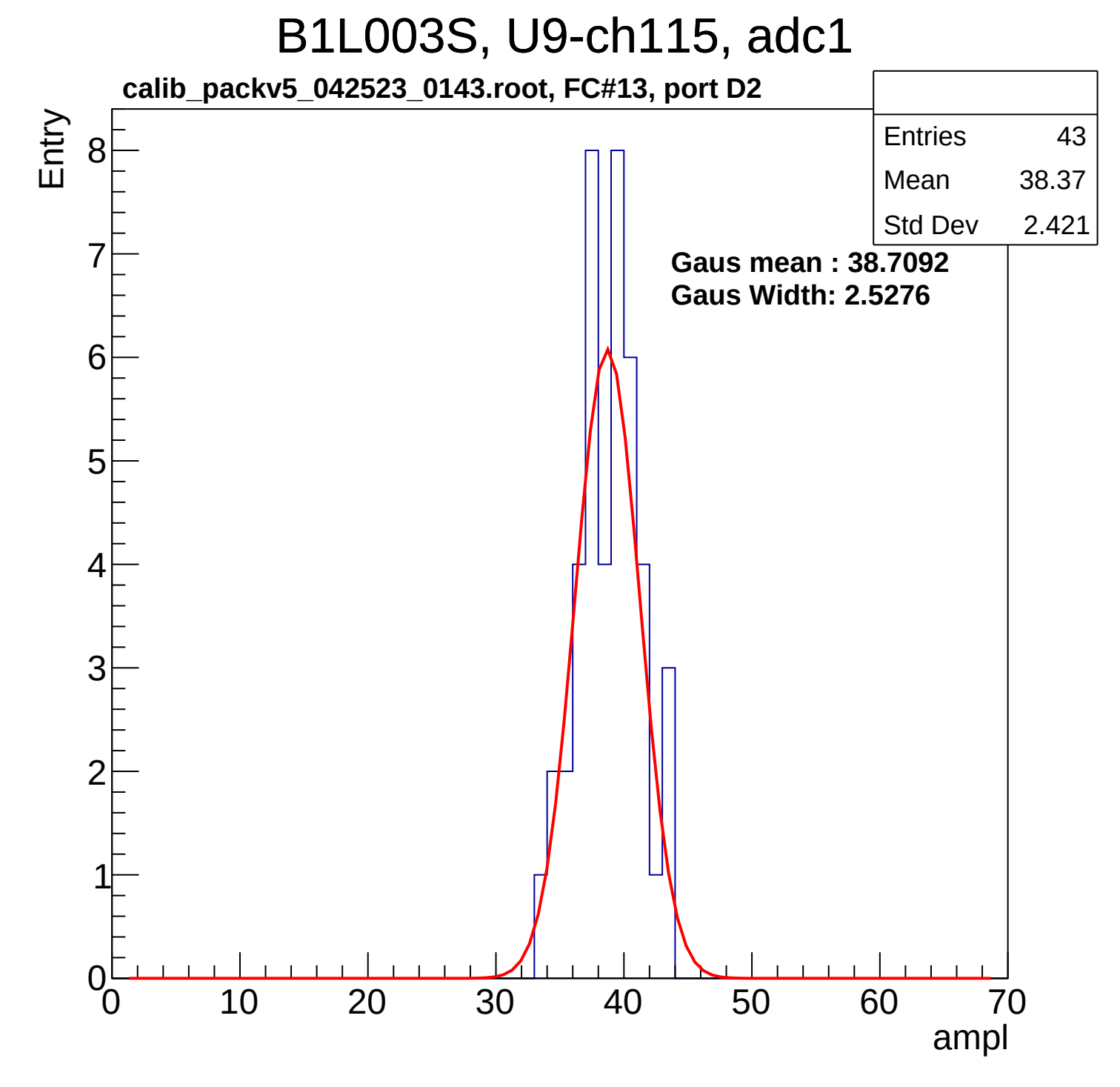
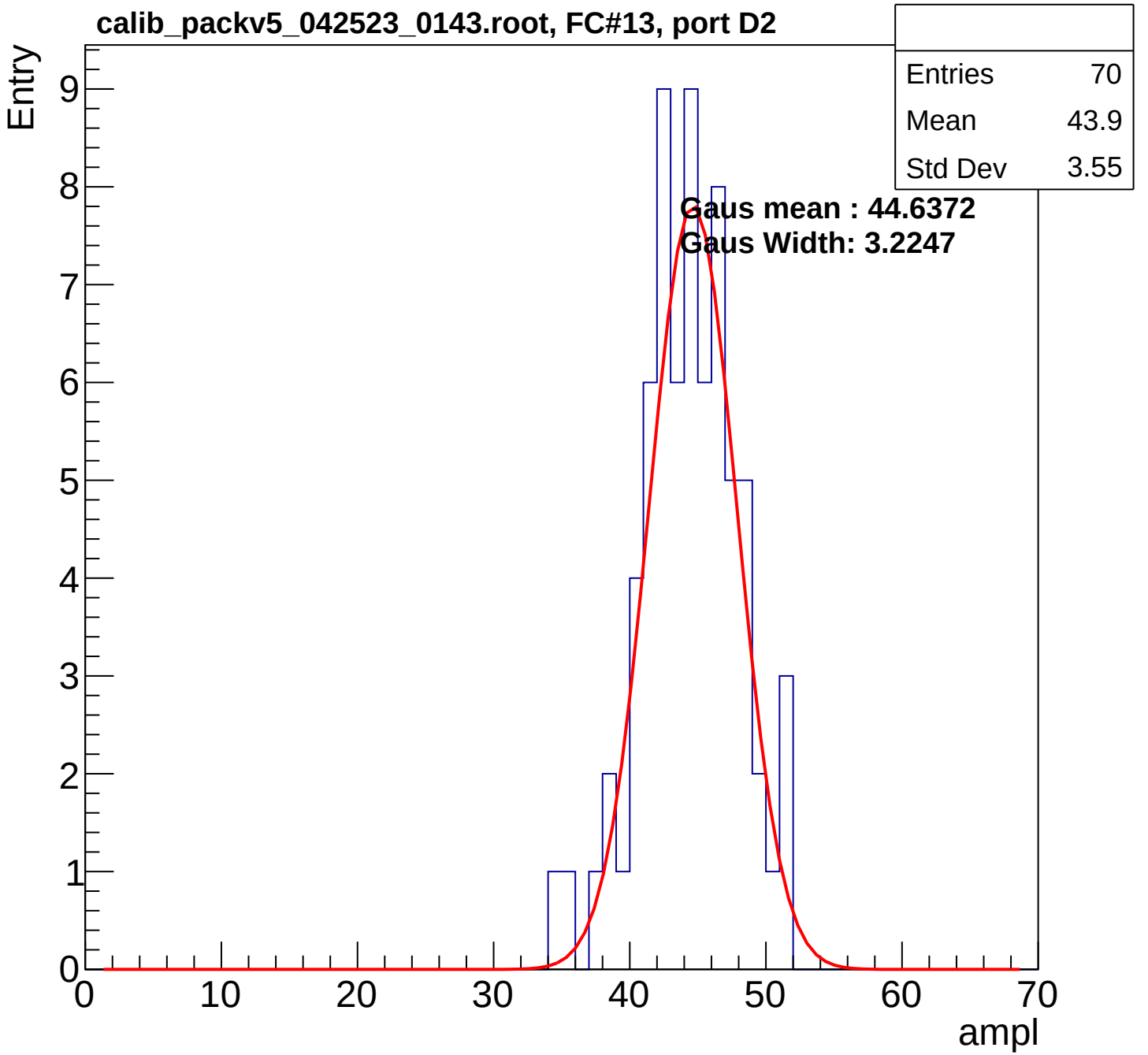
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch115, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 38.37
Std Dev 2.421
Gaus mean : 38.7092
Gaus Width: 2.5276
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch115, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 43.9
Std Dev 3.55
Gaus mean : 44.6372
Gaus Width: 3.2247
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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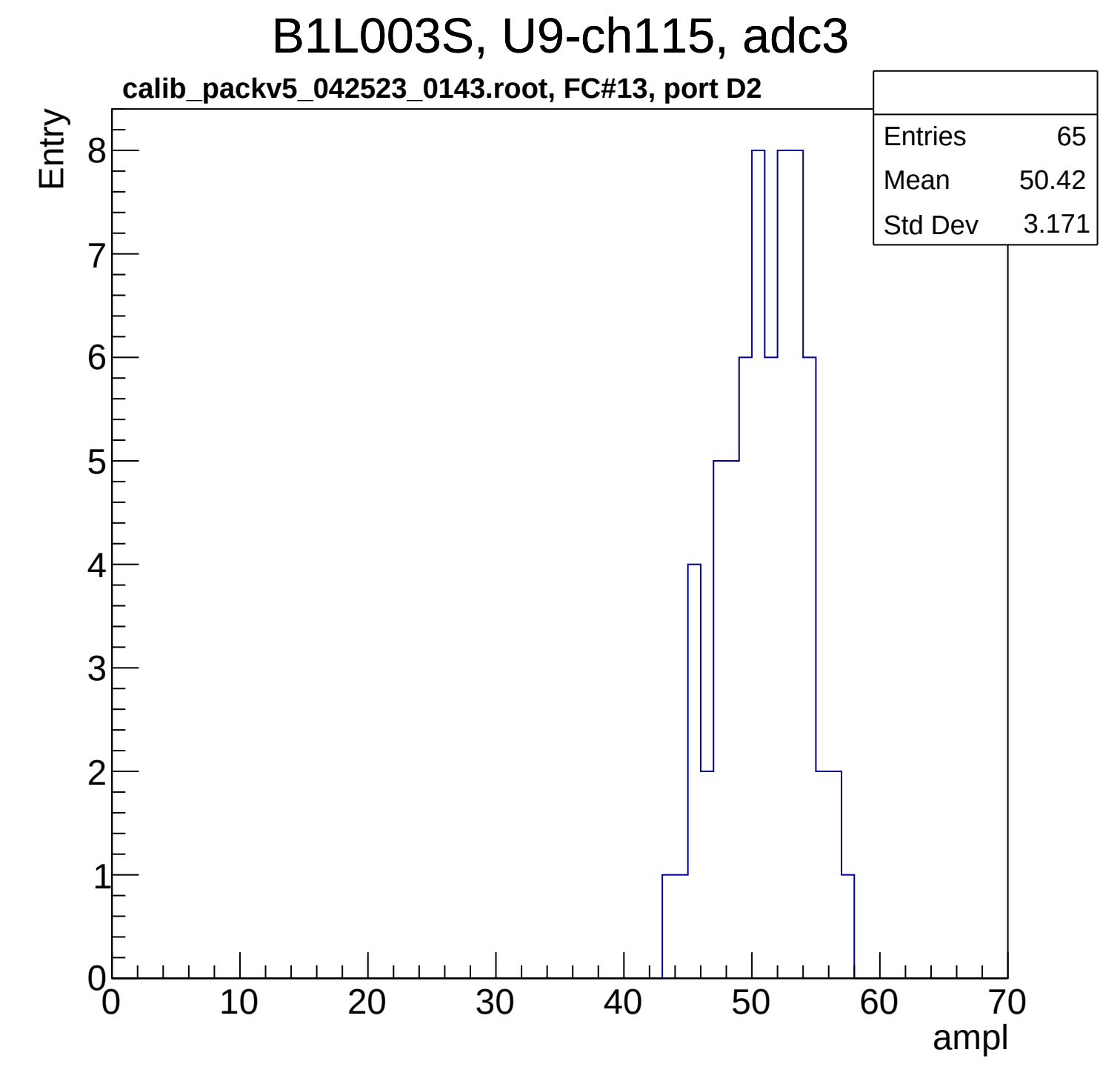
B1L003S, U9-ch115, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 50.42
Std Dev 3.171
Entry
ampl
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3
4
5
6
7
8
0
10
20
30
40
50
60
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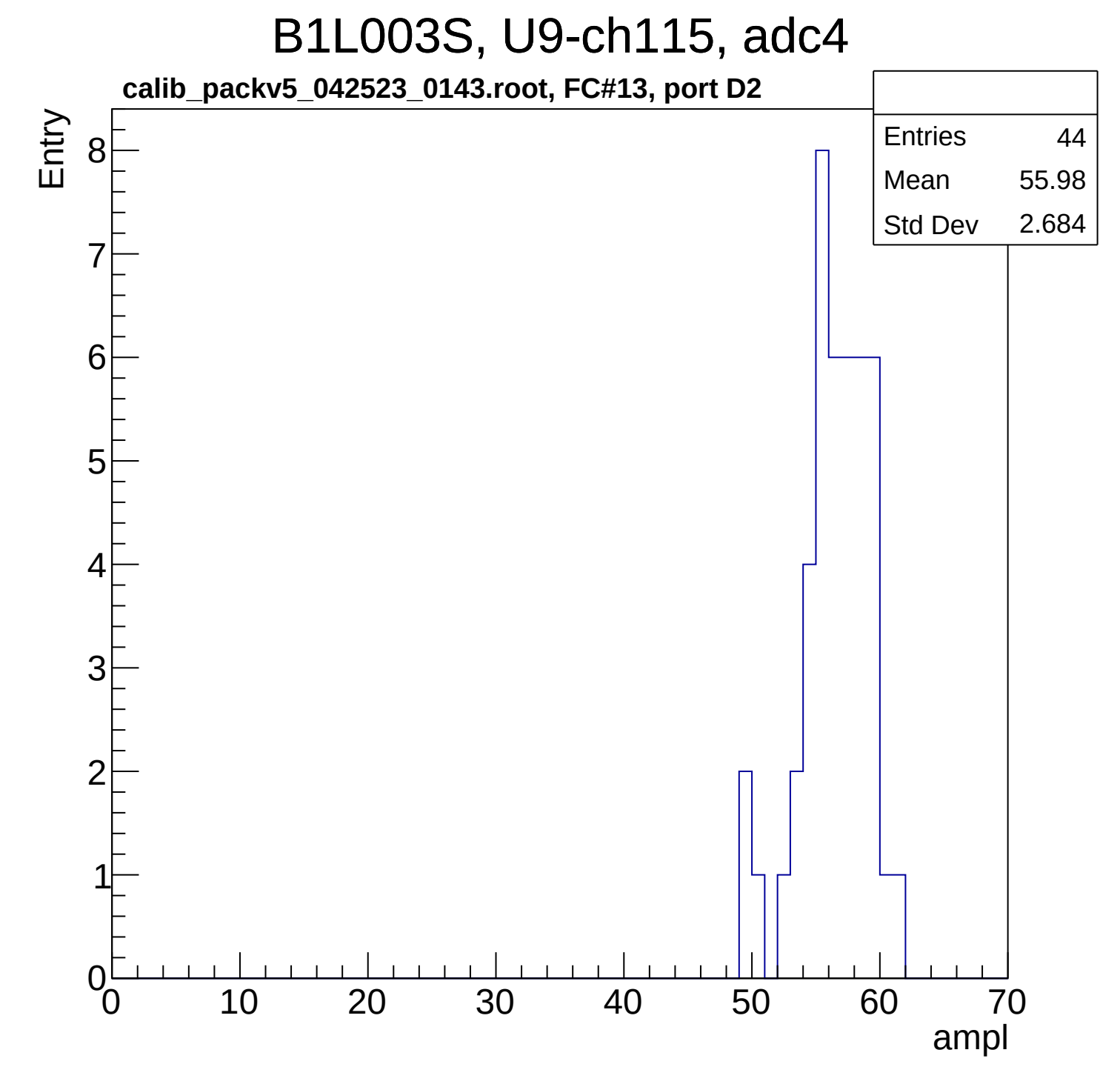
B1L003S, U9-ch115, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 55.98
Std Dev 2.684
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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60
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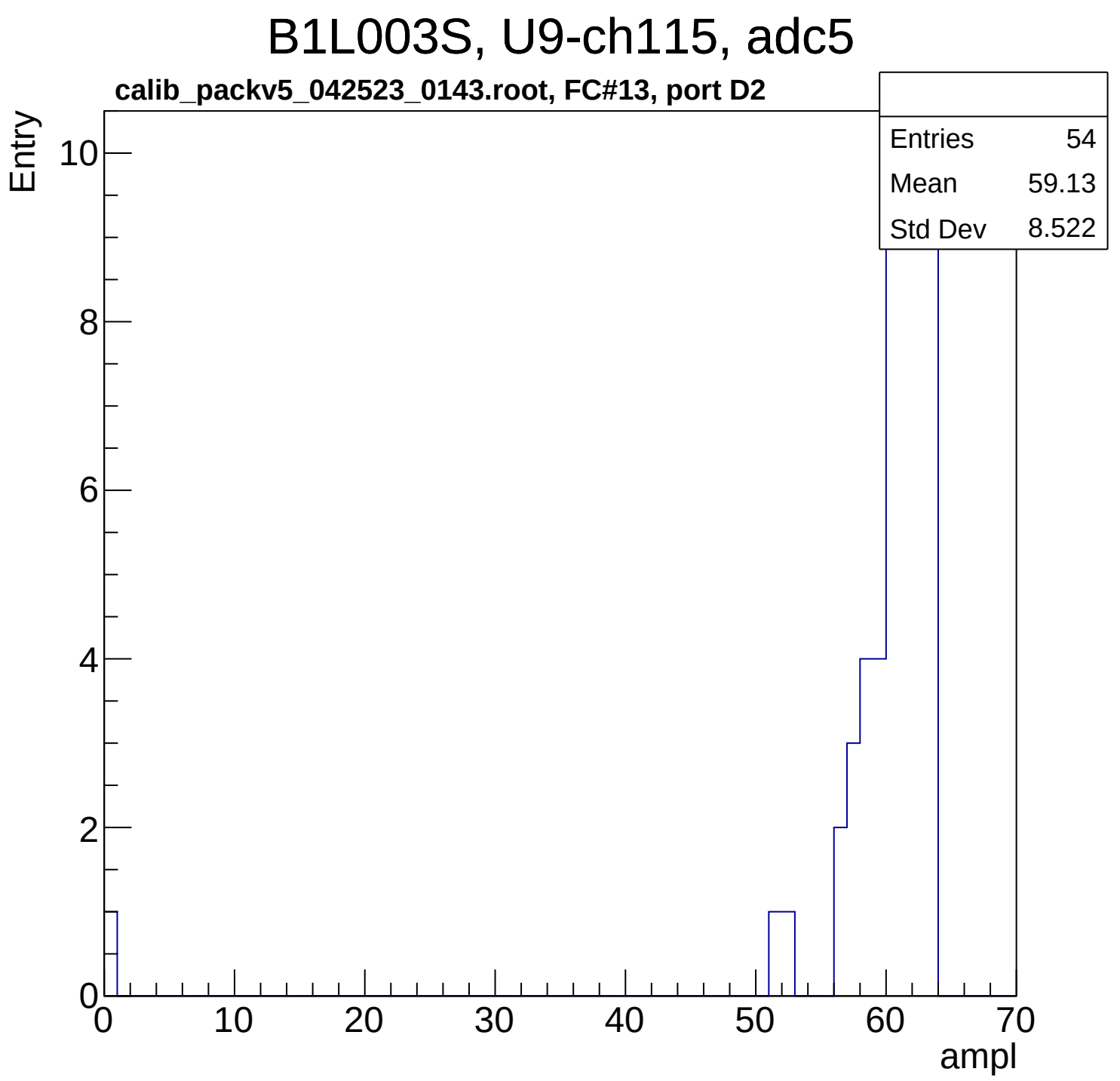
B1L003S, U9-ch115, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 59.13
Std Dev 8.522
Entry
0
2
4
6
8
10
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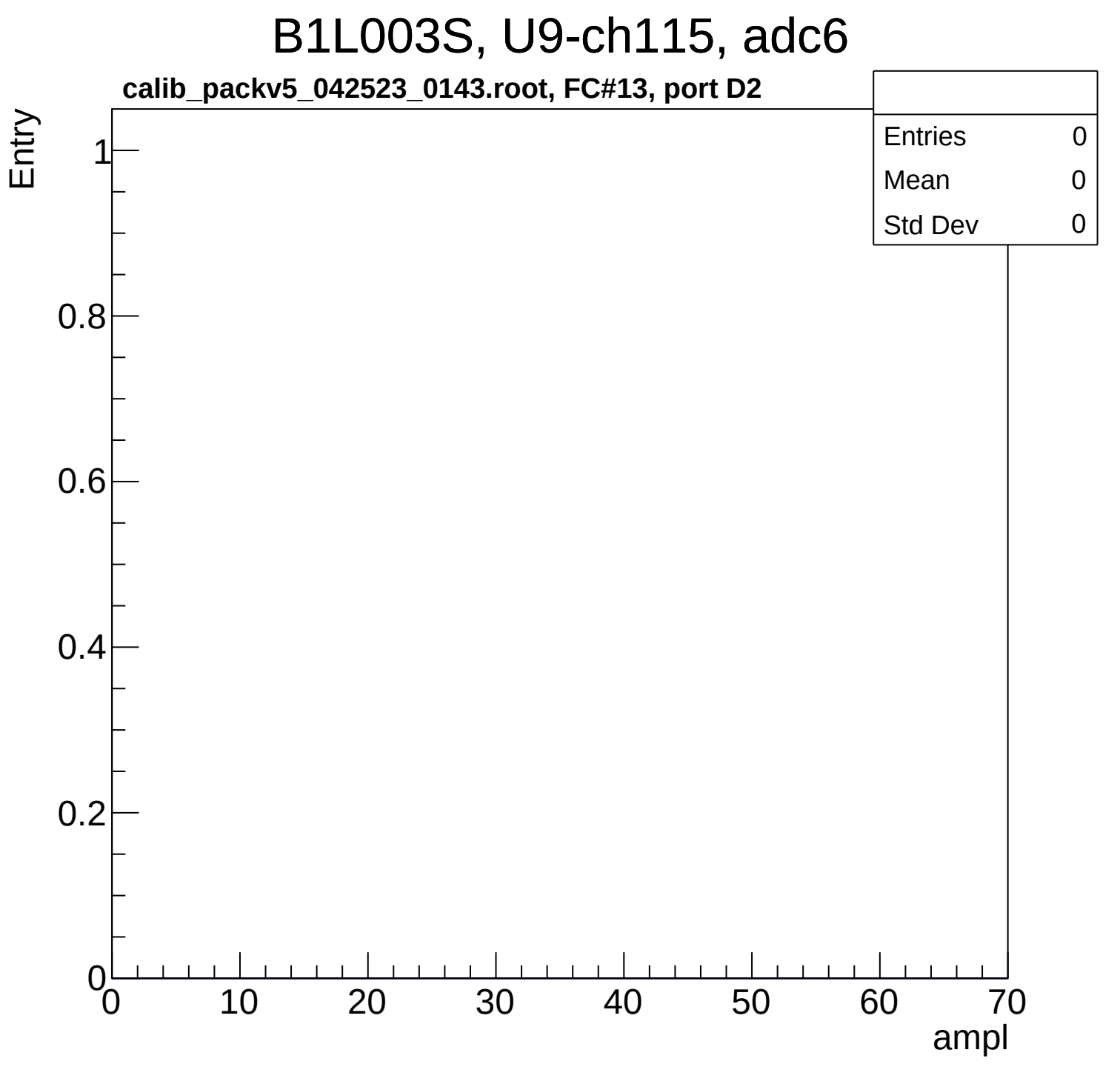
70
ampl


B1L003S, U9-ch115, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
20
30
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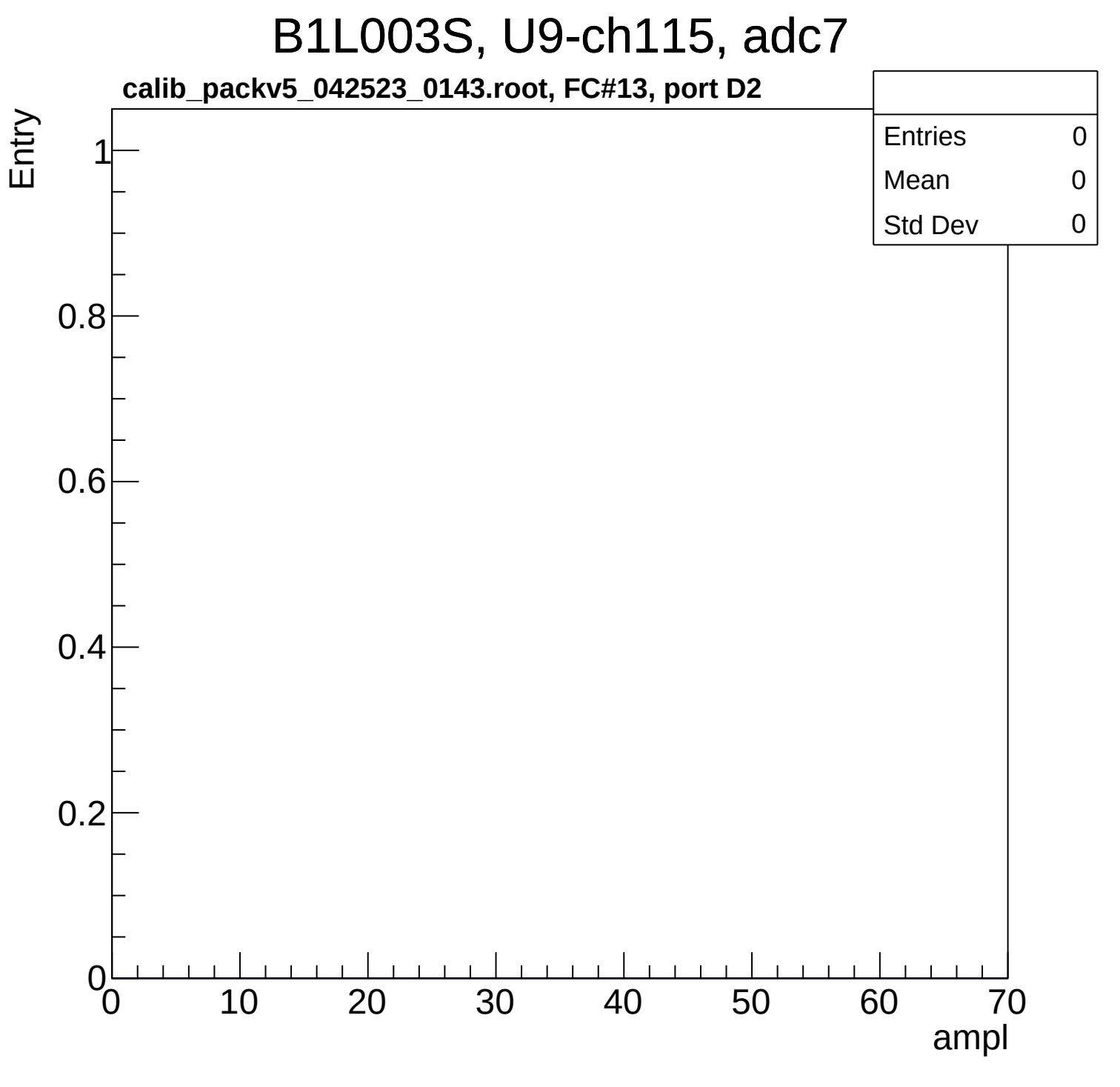
50
60
70
ampl


B1L003S, U9-ch115, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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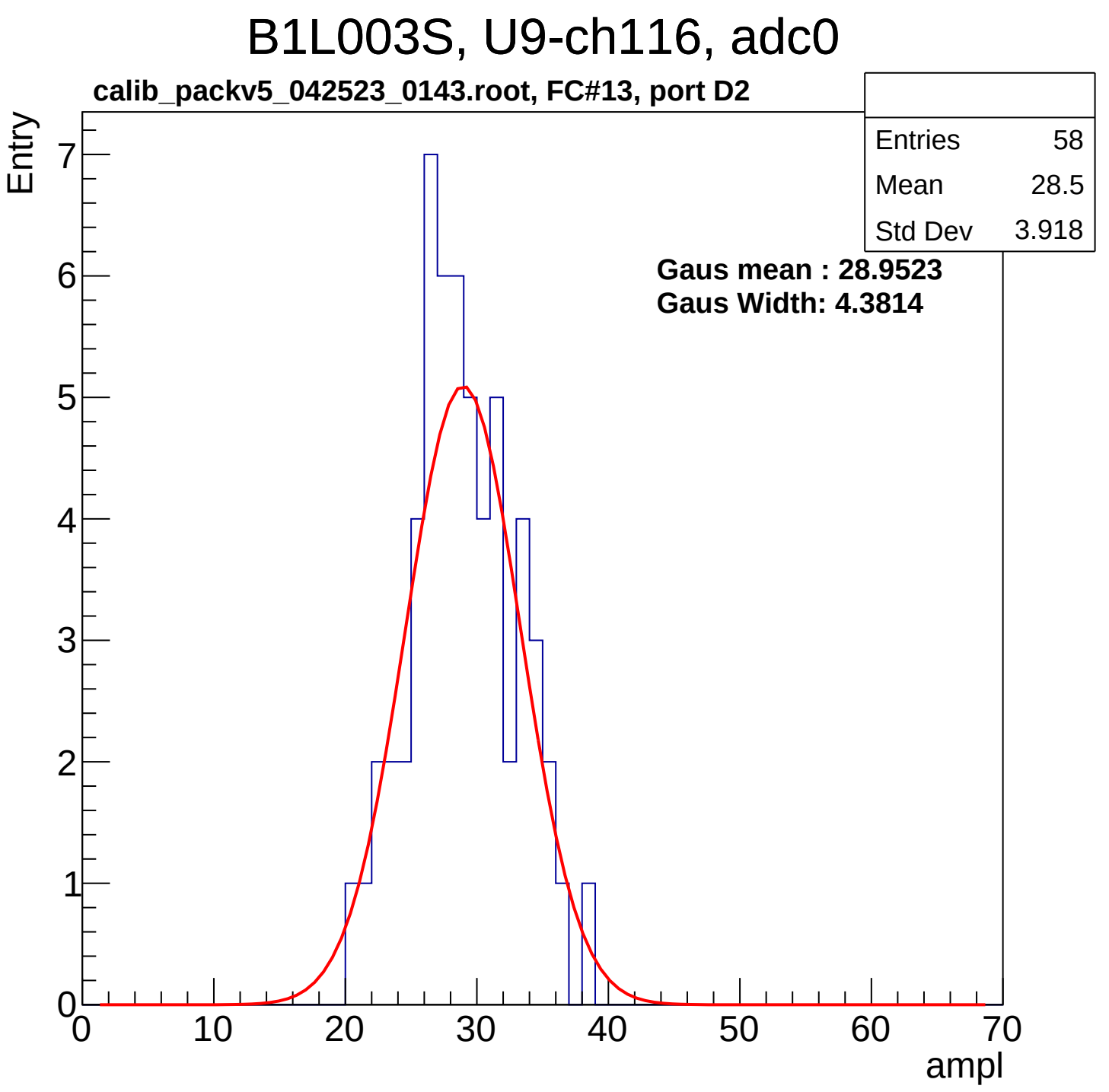
40
50
60
70
ampl


B1L003S, U9-ch116, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 28.5
Std Dev 3.918
Gaus mean : 28.9523
Gaus Width: 4.3814
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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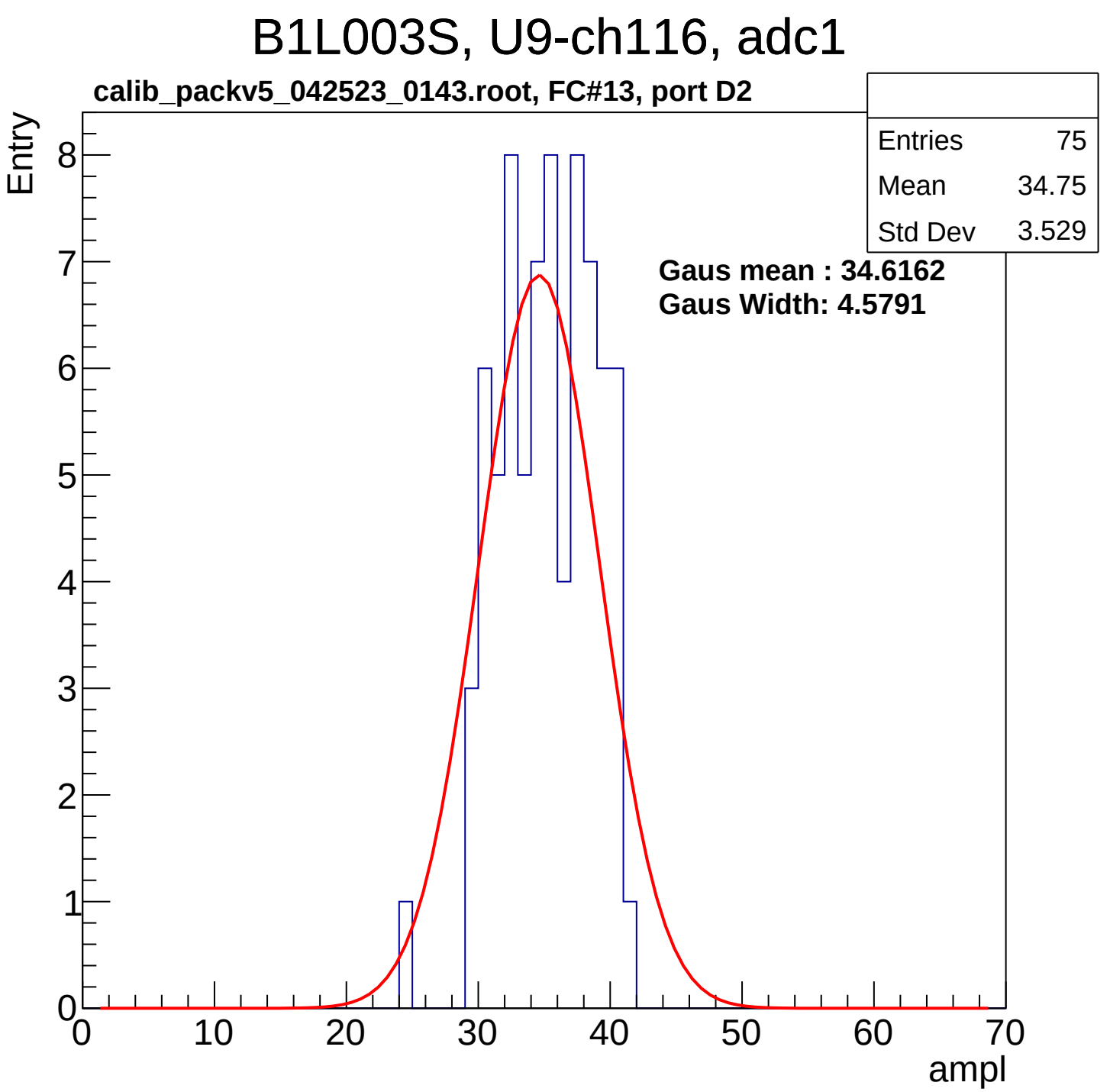
B1L003S, U9-ch116, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 34.75
Std Dev 3.529
Gaus mean : 34.6162
Gaus Width: 4.5791
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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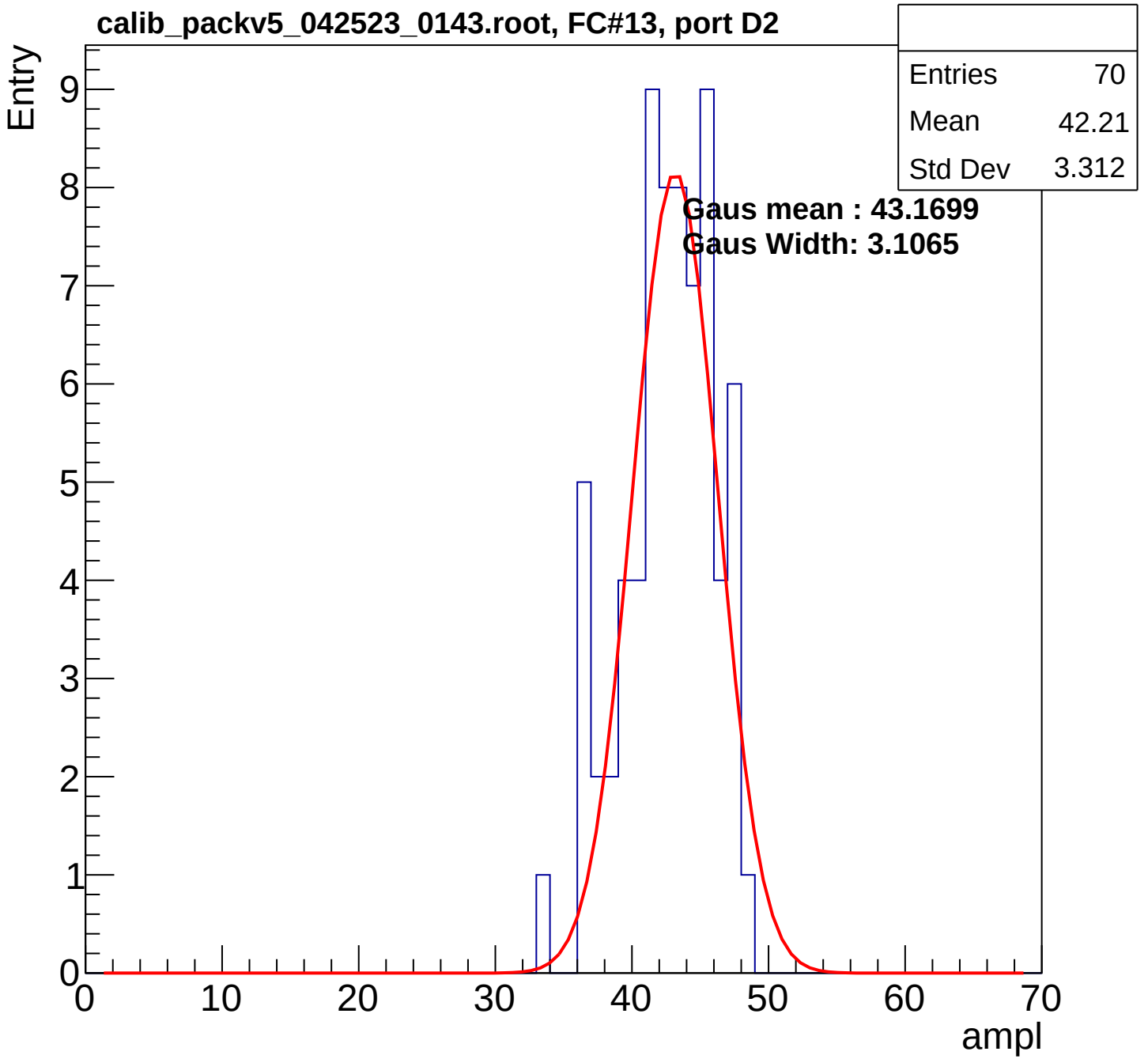
B1L003S, U9-ch116, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 42.21
Std Dev 3.312
Gaus mean : 43.1699
Gaus Width: 3.1065
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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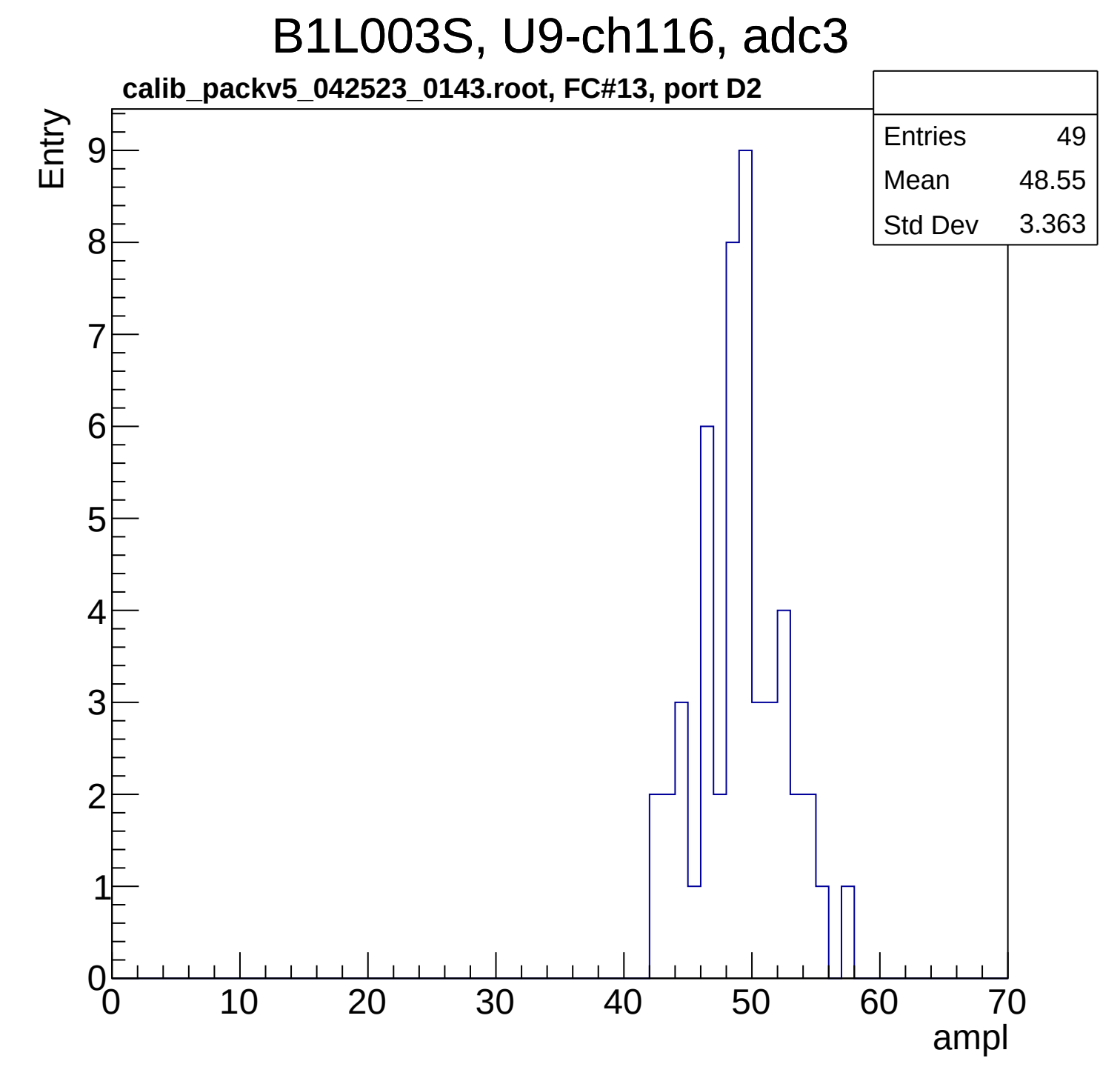
B1L003S, U9-ch116, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 48.55
Std Dev 3.363
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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60
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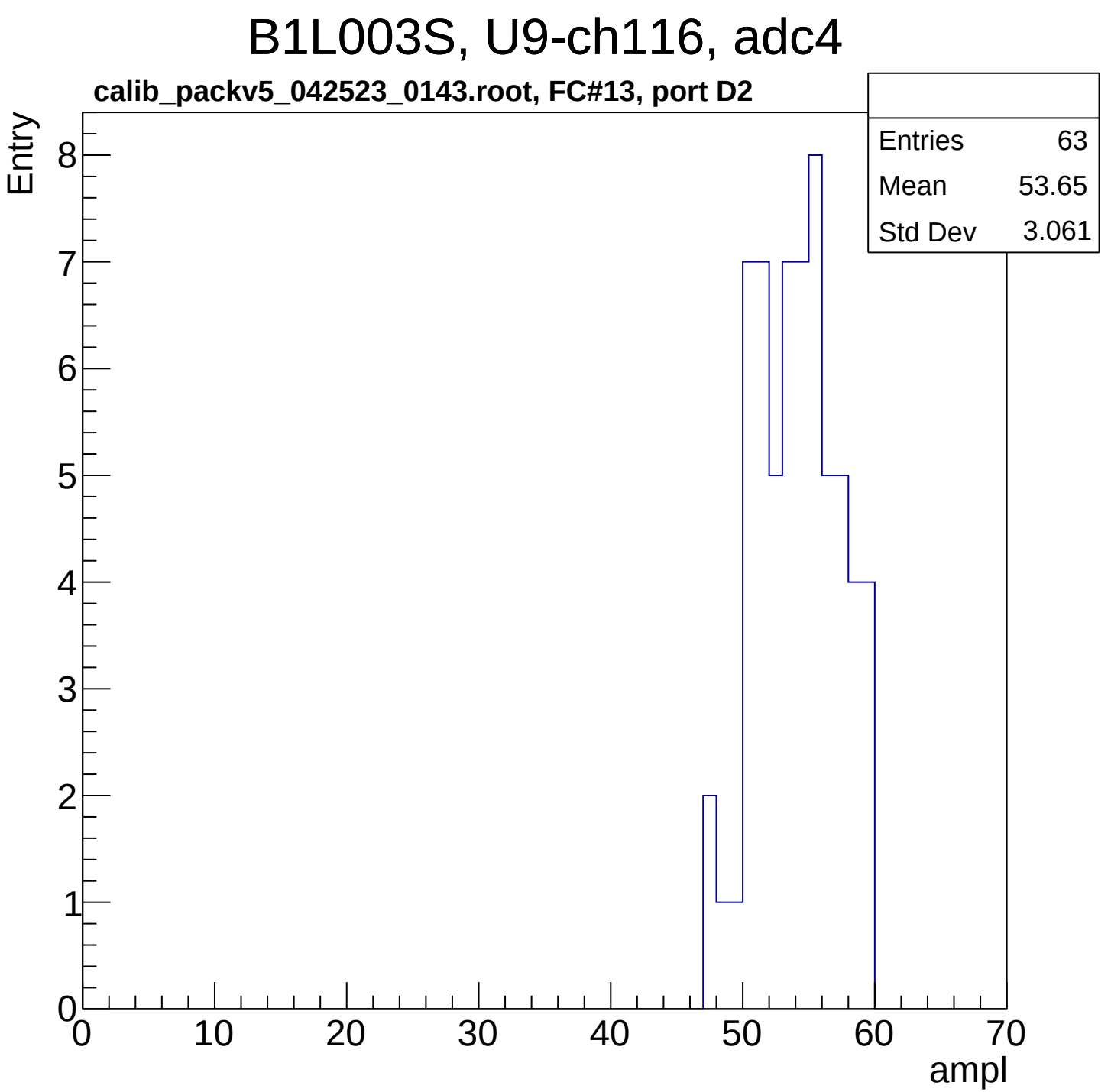
B1L003S, U9-ch116, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 53.65
Std Dev 3.061
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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60
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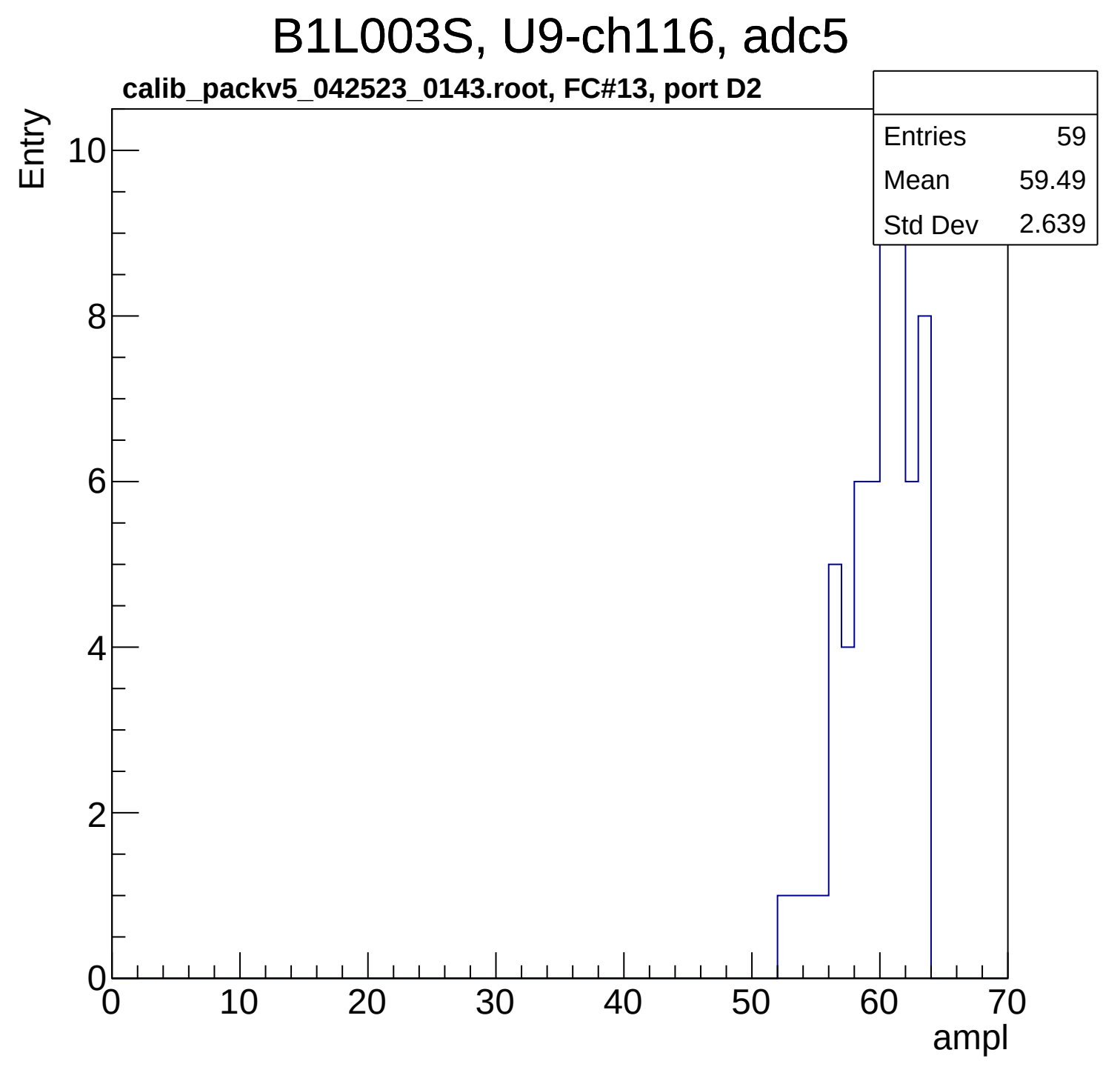
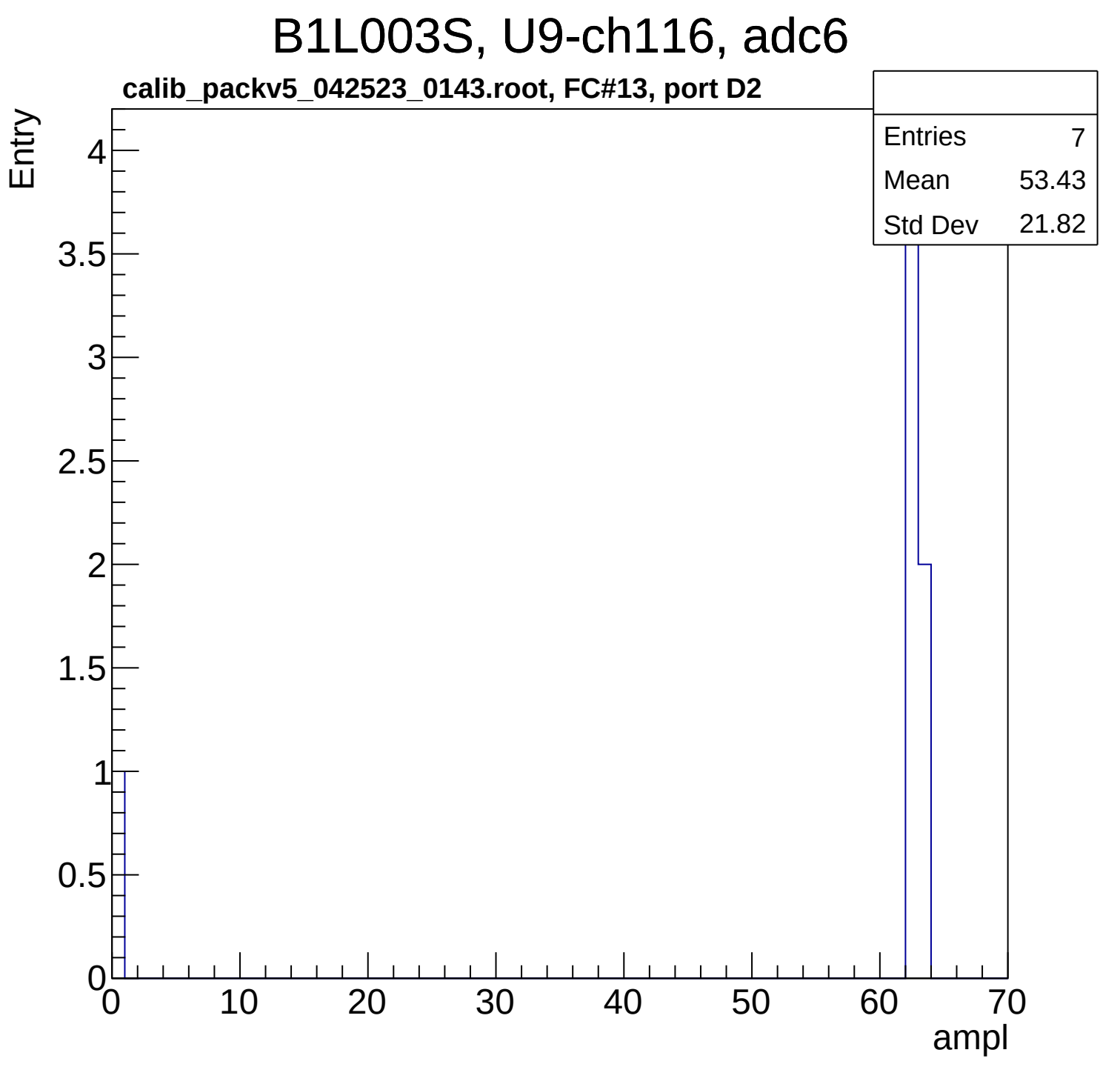
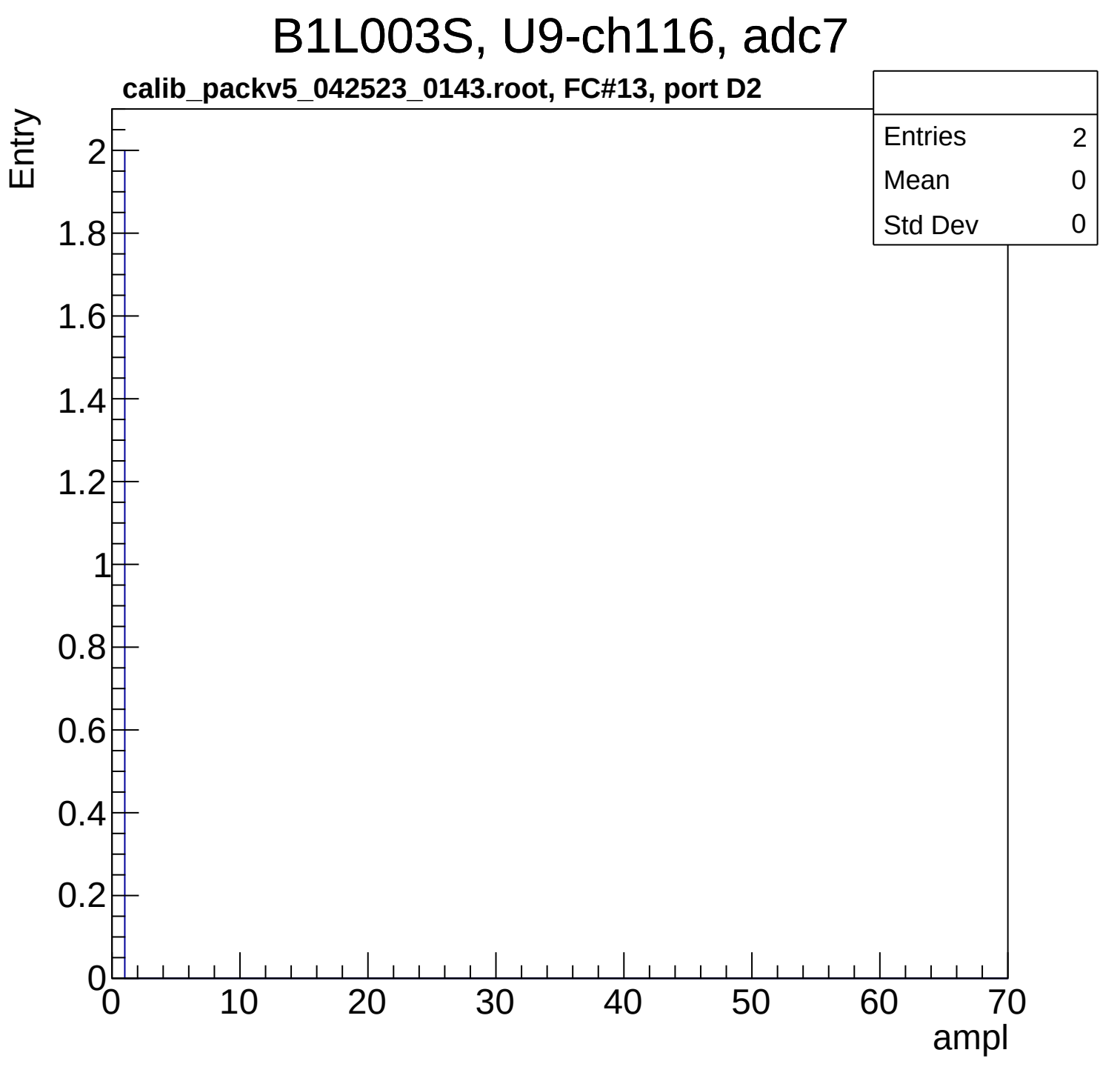
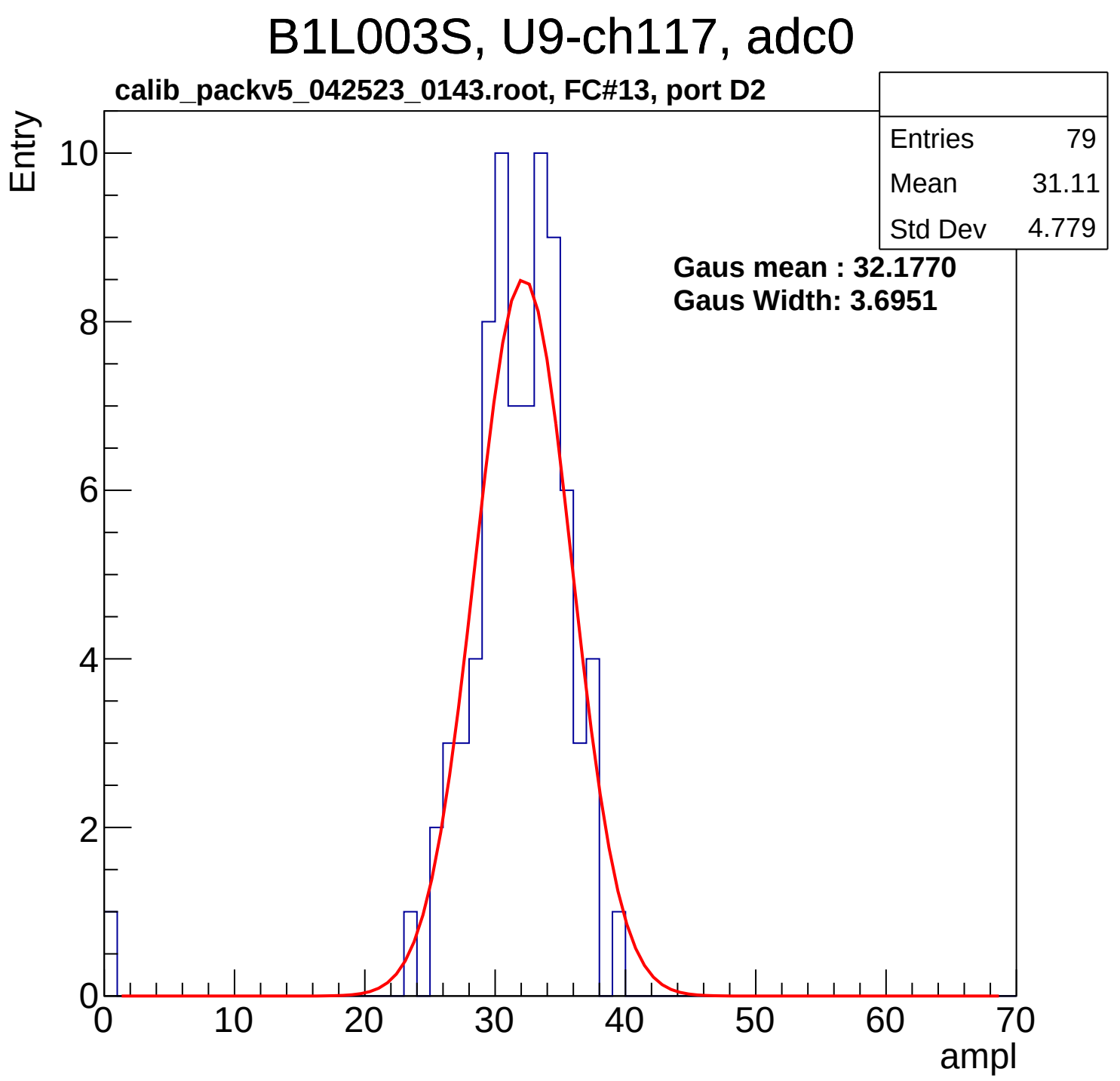
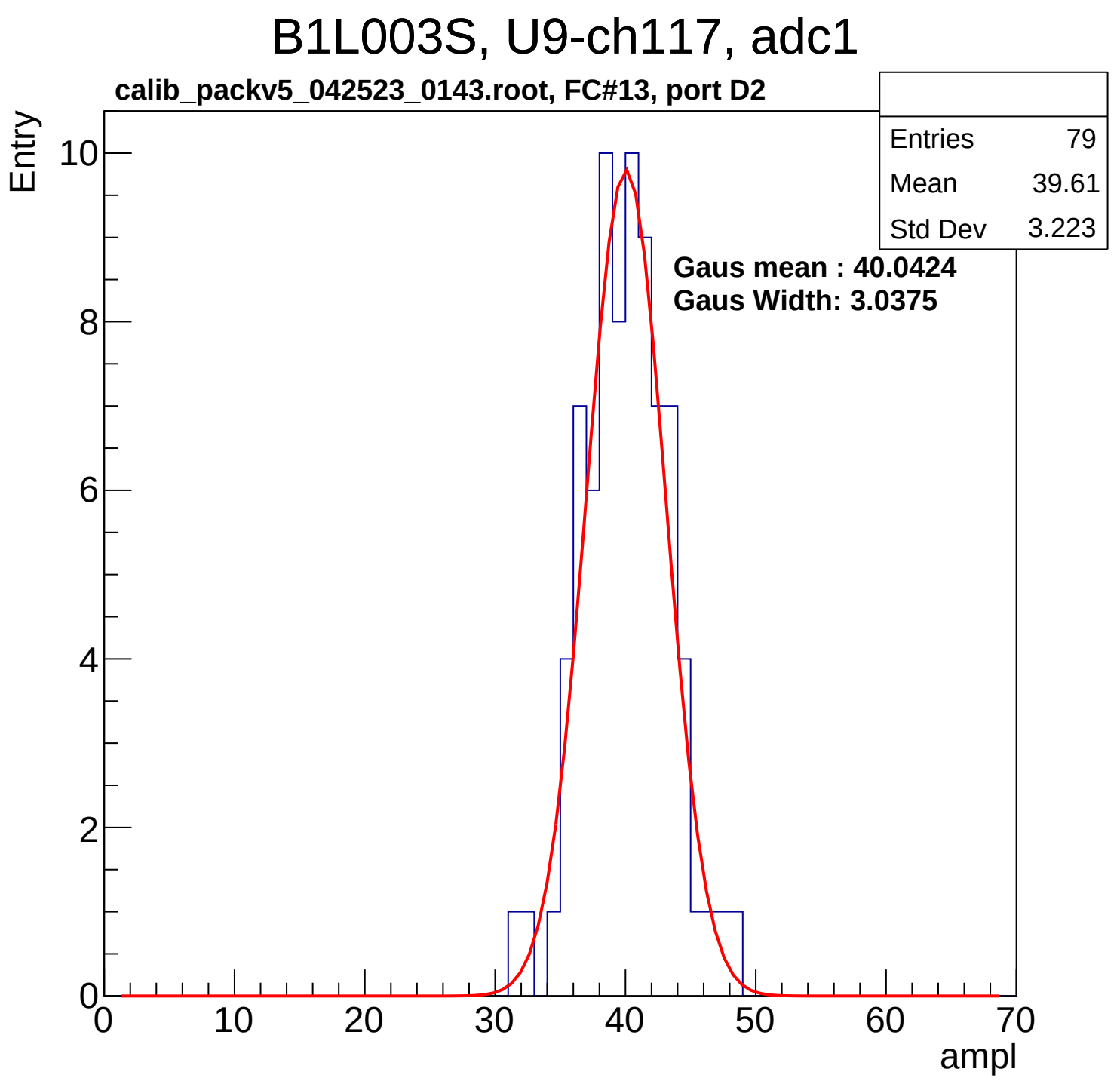
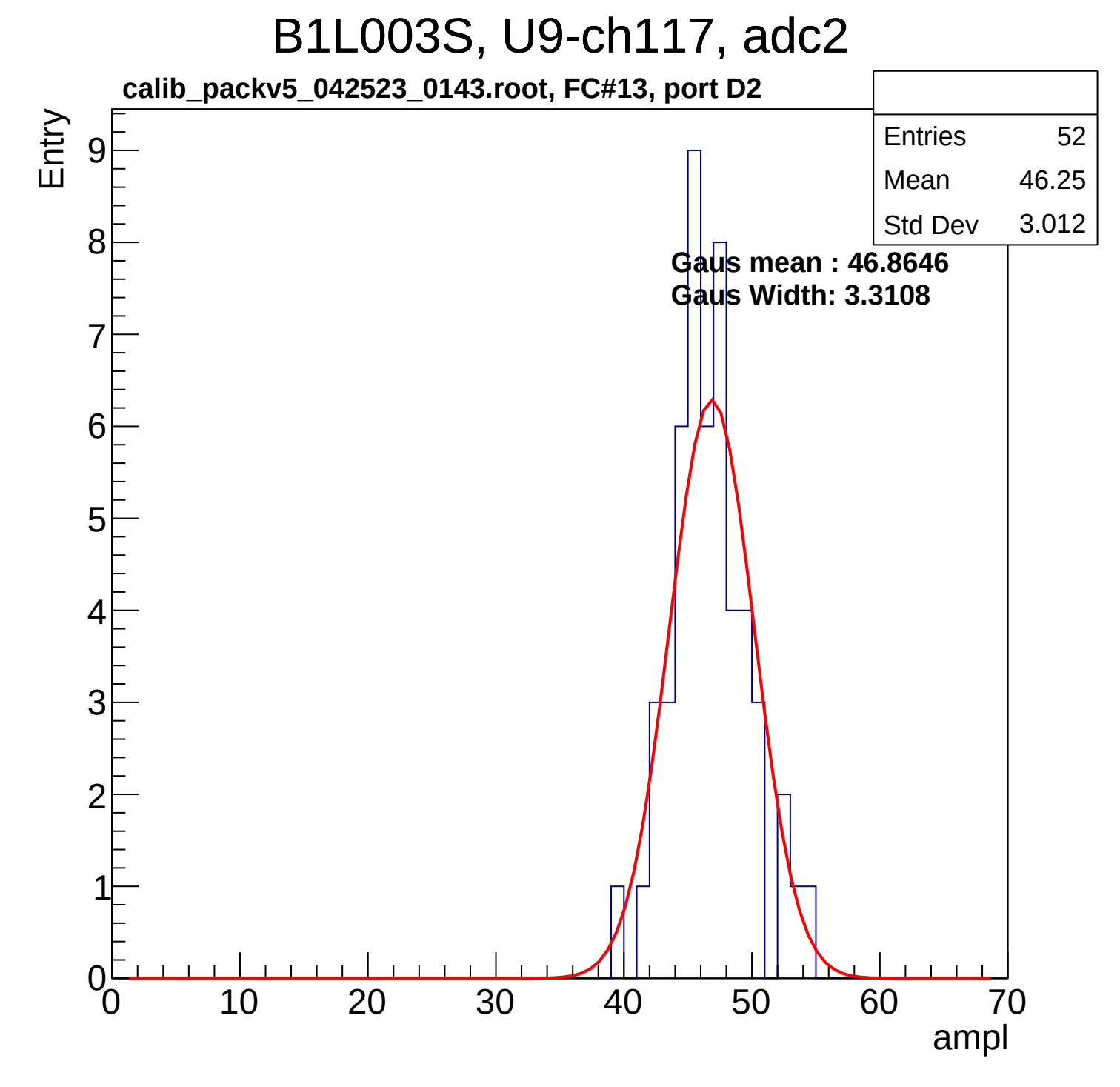

B1L003S, U9-ch116, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 59.49
Std Dev 2.639
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch116, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 53.43
Std Dev 21.82
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U9-ch116, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L003S, U9-ch117, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 31.11
Std Dev 4.779
Gaus mean : 32.1770
Gaus Width: 3.6951
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch117, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 39.61
Std Dev 3.223
Gaus mean : 40.0424
Gaus Width: 3.0375
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch117, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 46.25
Std Dev 3.012
Gaus mean : 46.8646
Gaus Width: 3.3108
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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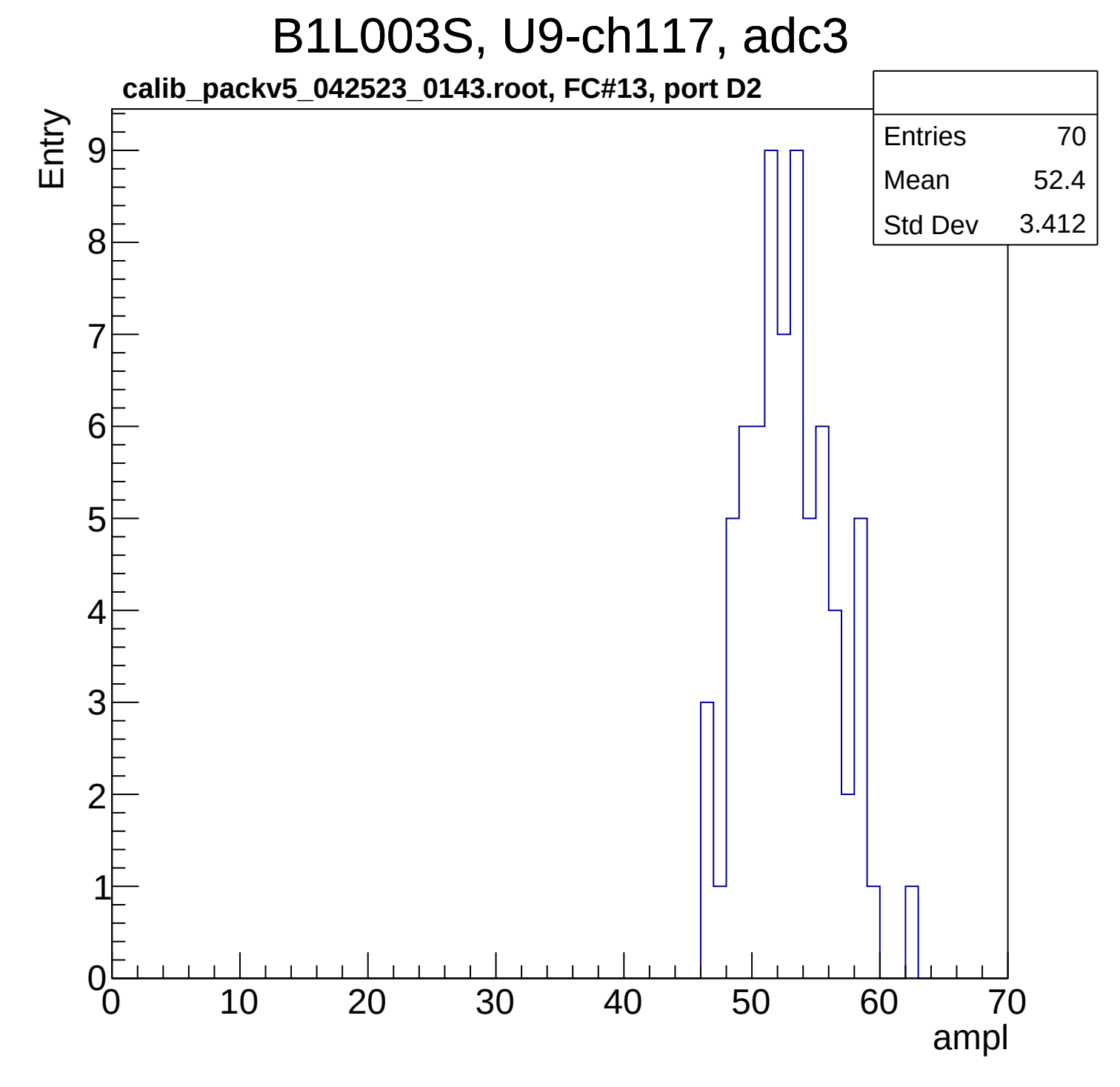
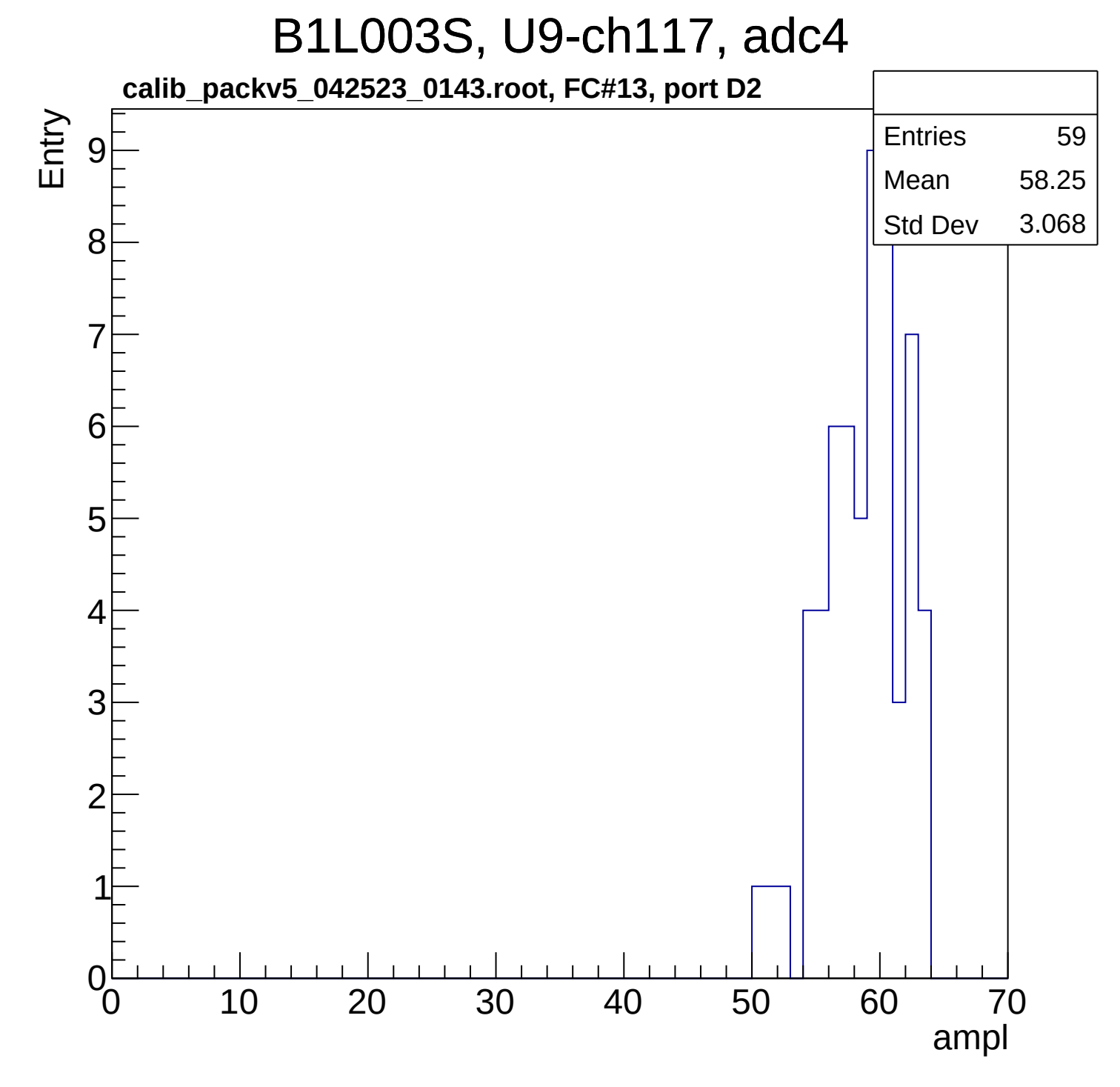

B1L003S, U9-ch117, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 52.4
Std Dev 3.412
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch117, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 58.25
Std Dev 3.068
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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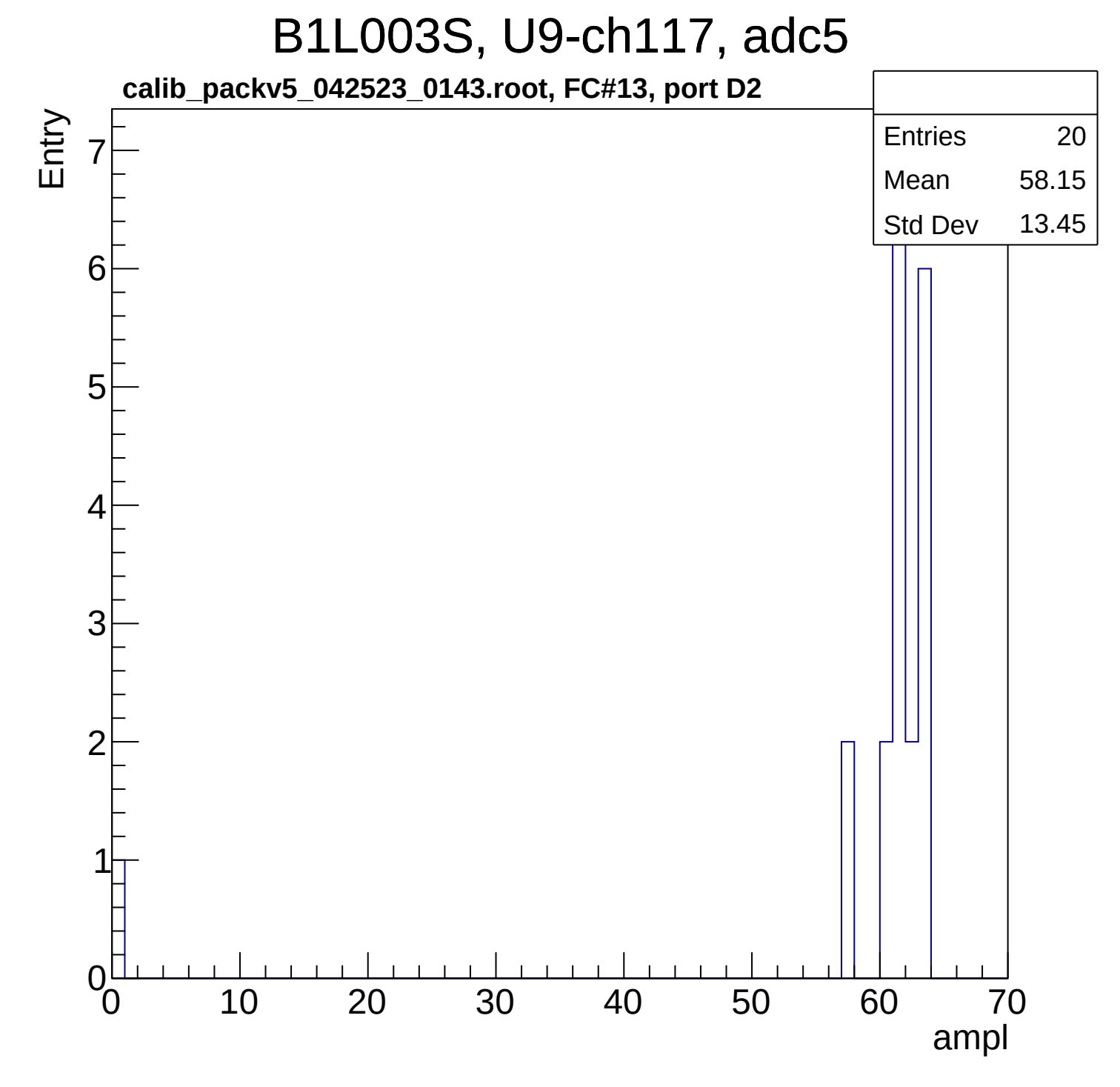
40
50
60
70


B1L003S, U9-ch117, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 20
Mean 58.15
Std Dev 13.45
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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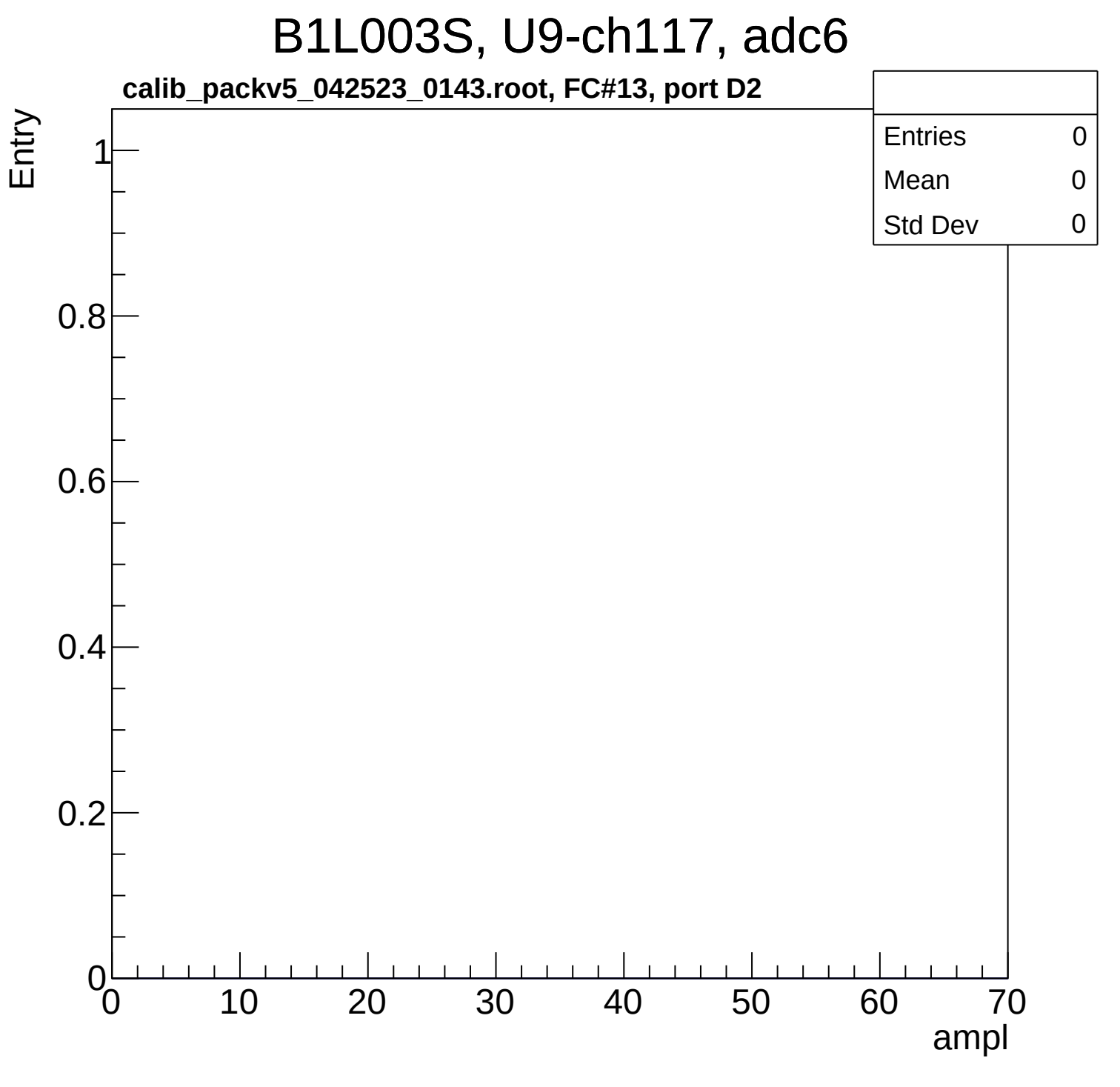
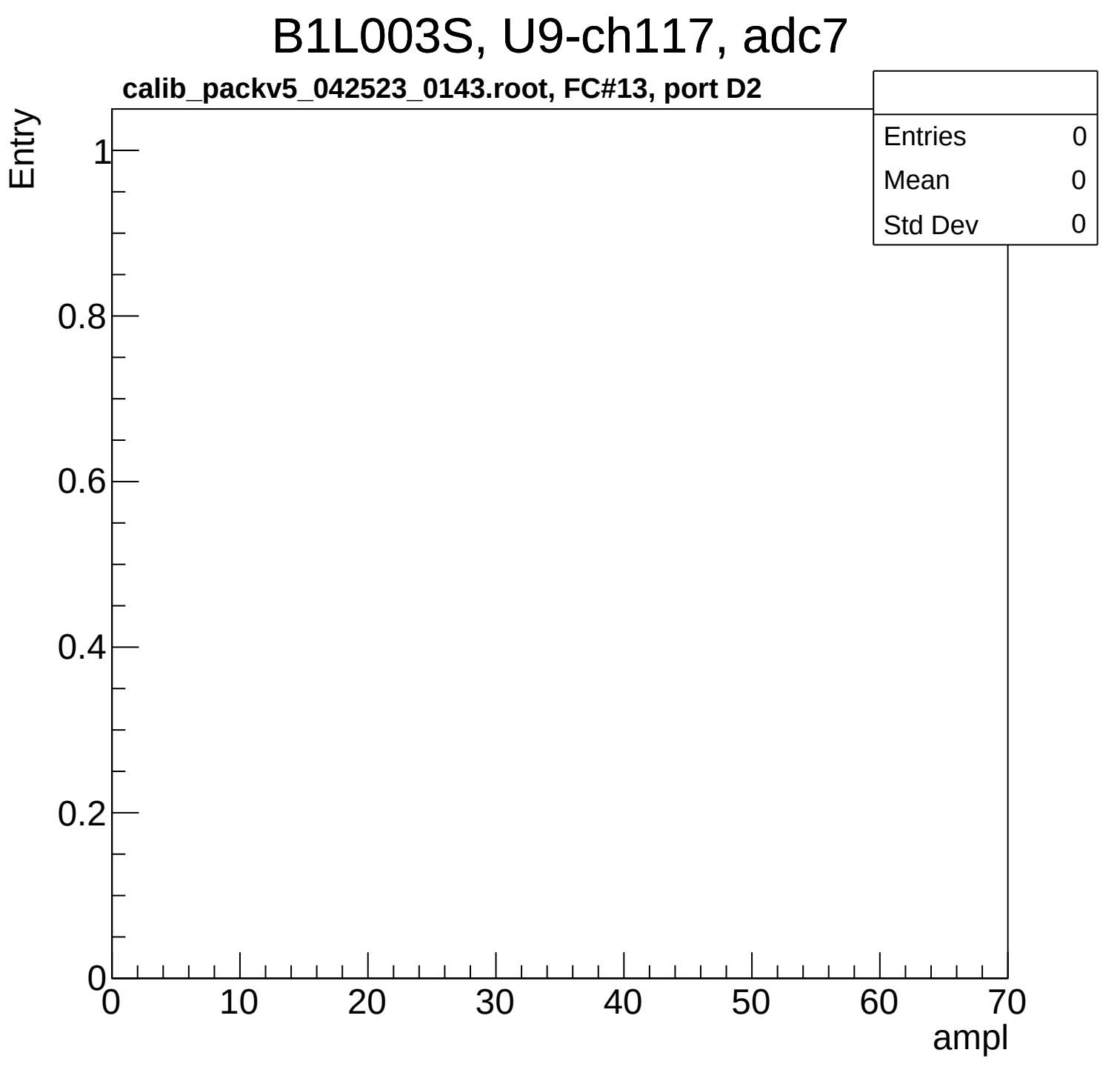
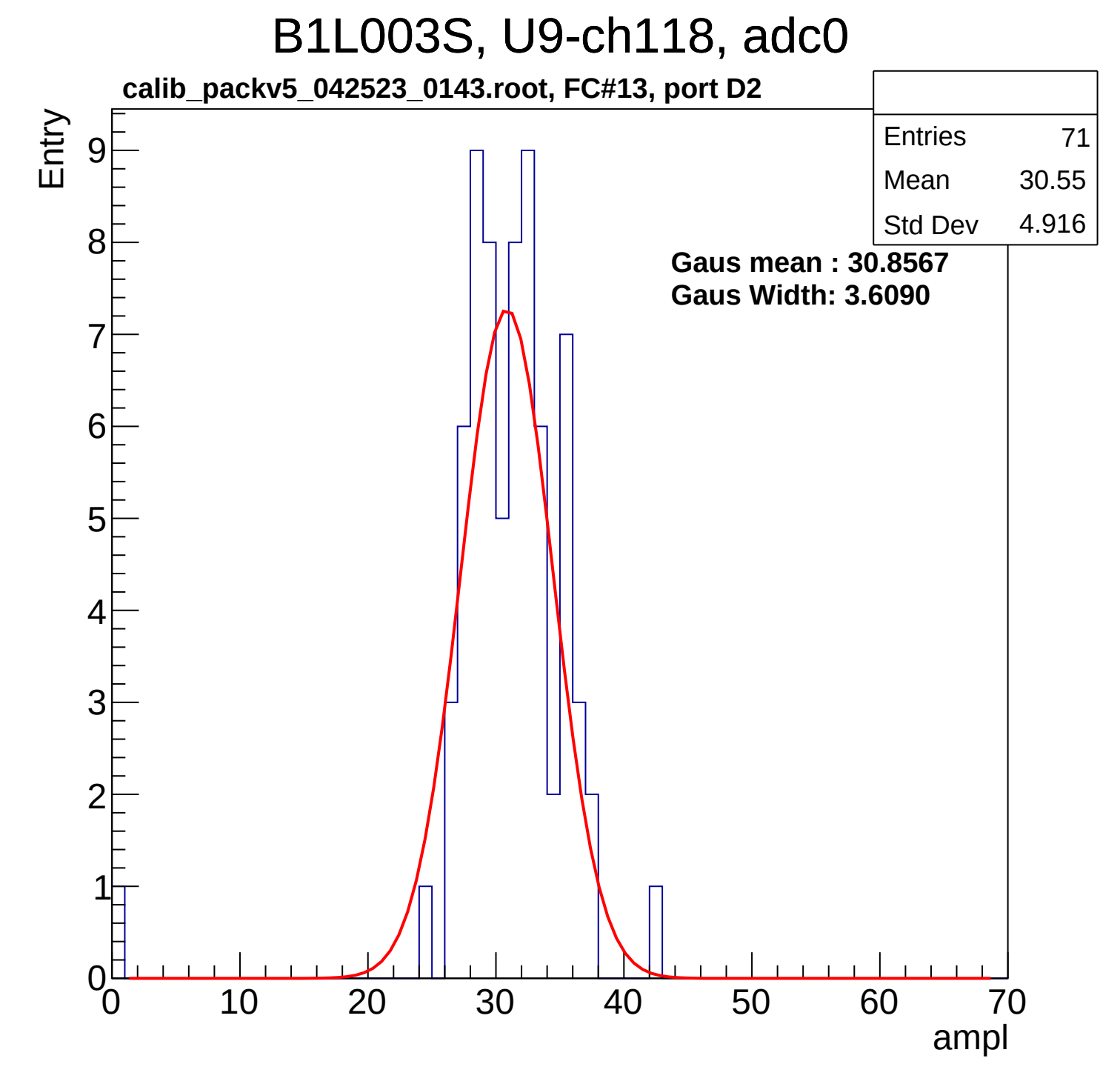
40
50
60
70


B1L003S, U9-ch117, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch117, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch118, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 30.55
Std Dev 4.916
Gaus mean : 30.8567
Gaus Width: 3.6090
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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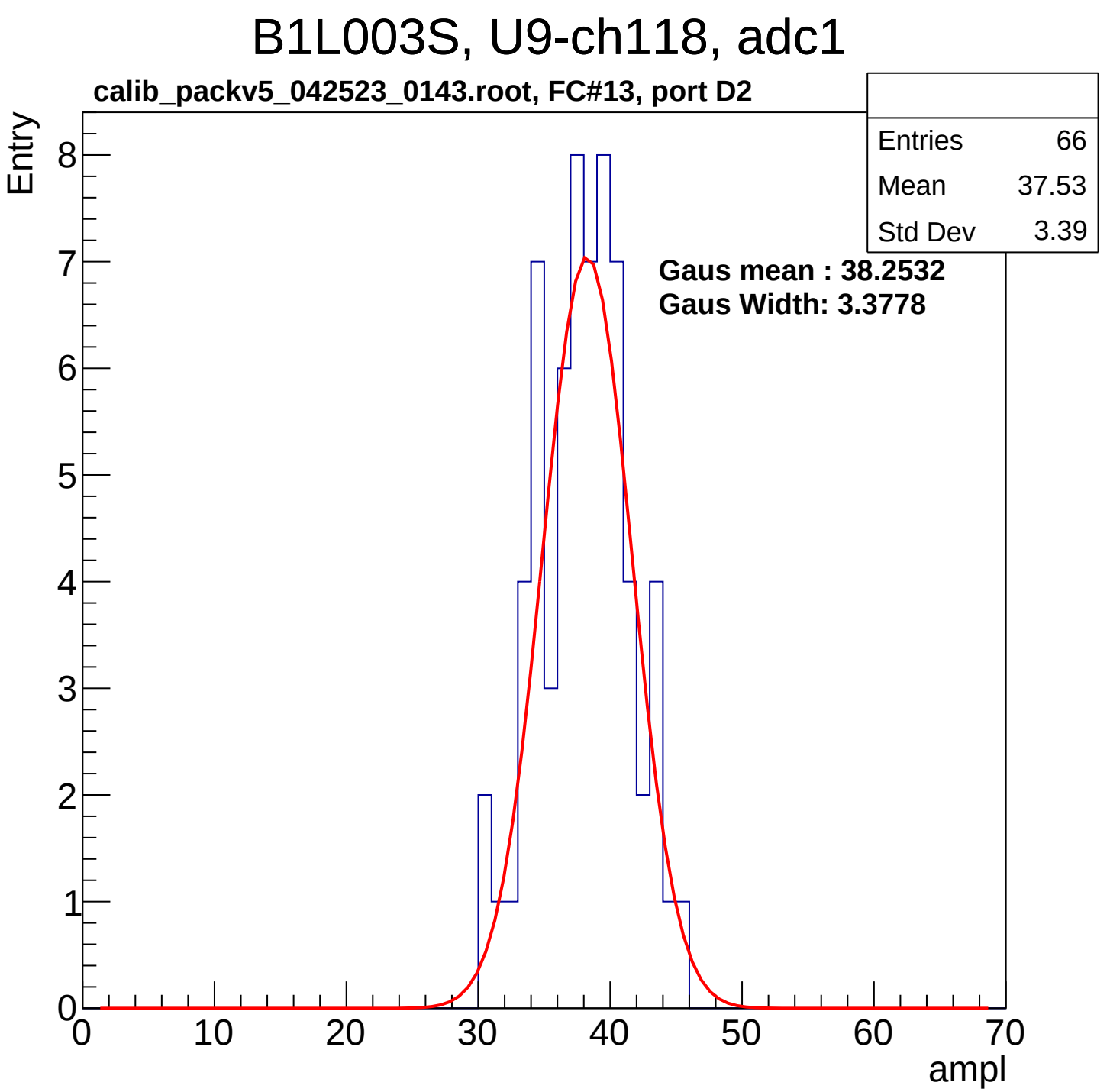
60
70


B1L003S, U9-ch118, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 37.53
Std Dev 3.39
Gaus mean : 38.2532
Gaus Width: 3.3778
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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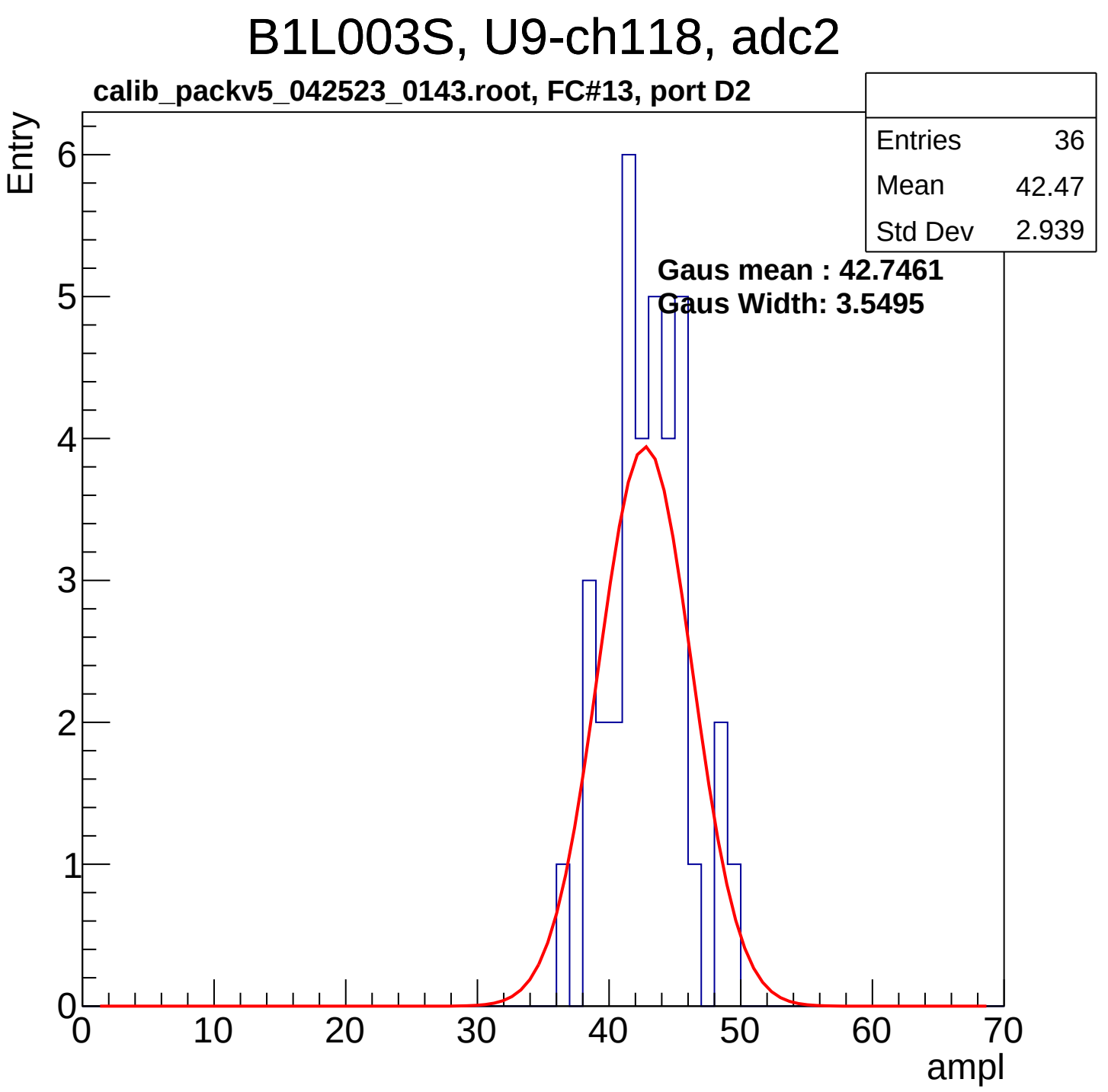
B1L003S, U9-ch118, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 42.47
Std Dev 2.939
Gaus mean : 42.7461
Gaus Width: 3.5495
Entry
ampl
0
1
2
3
4
5
6
0
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20
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40
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60
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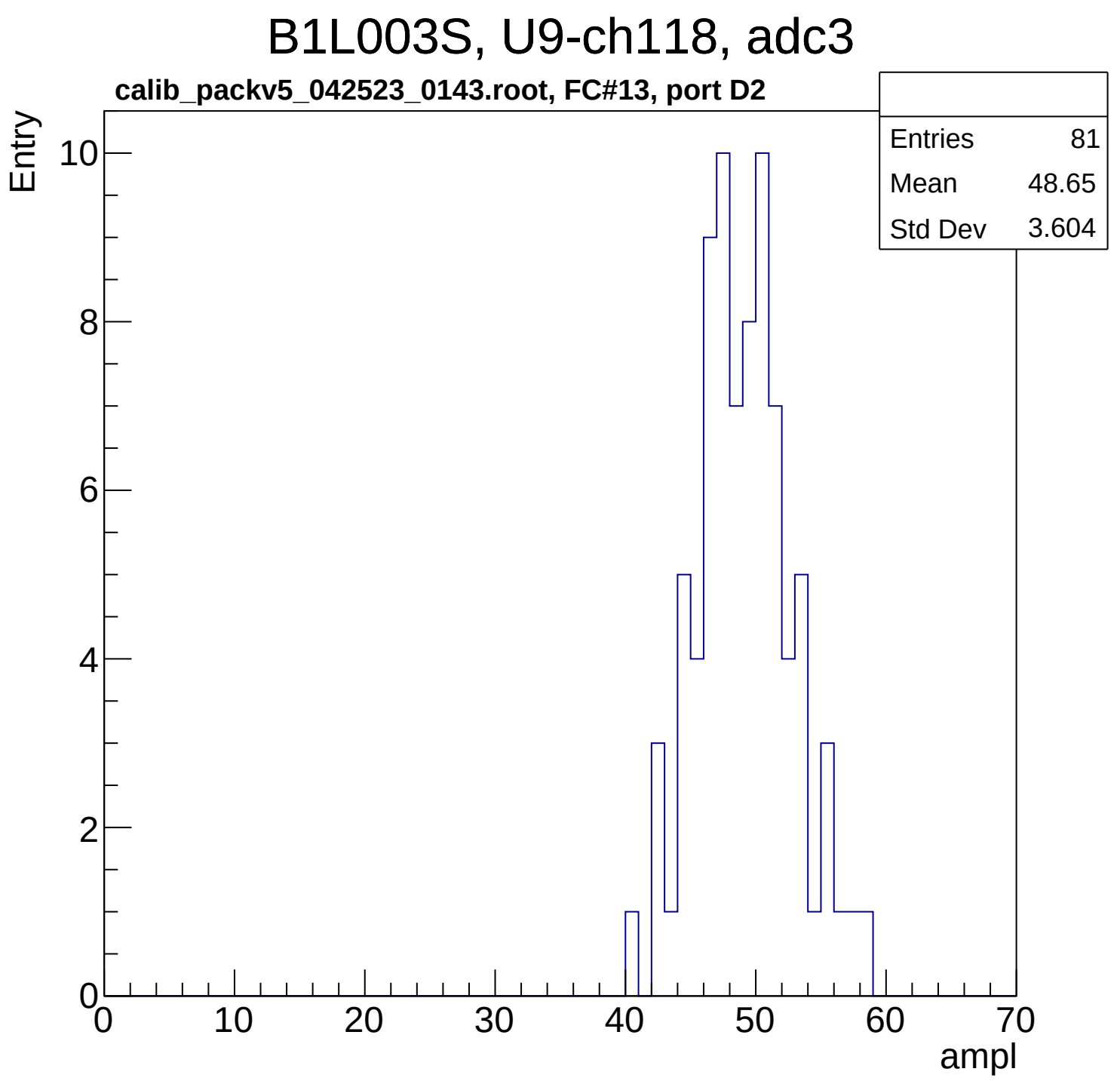
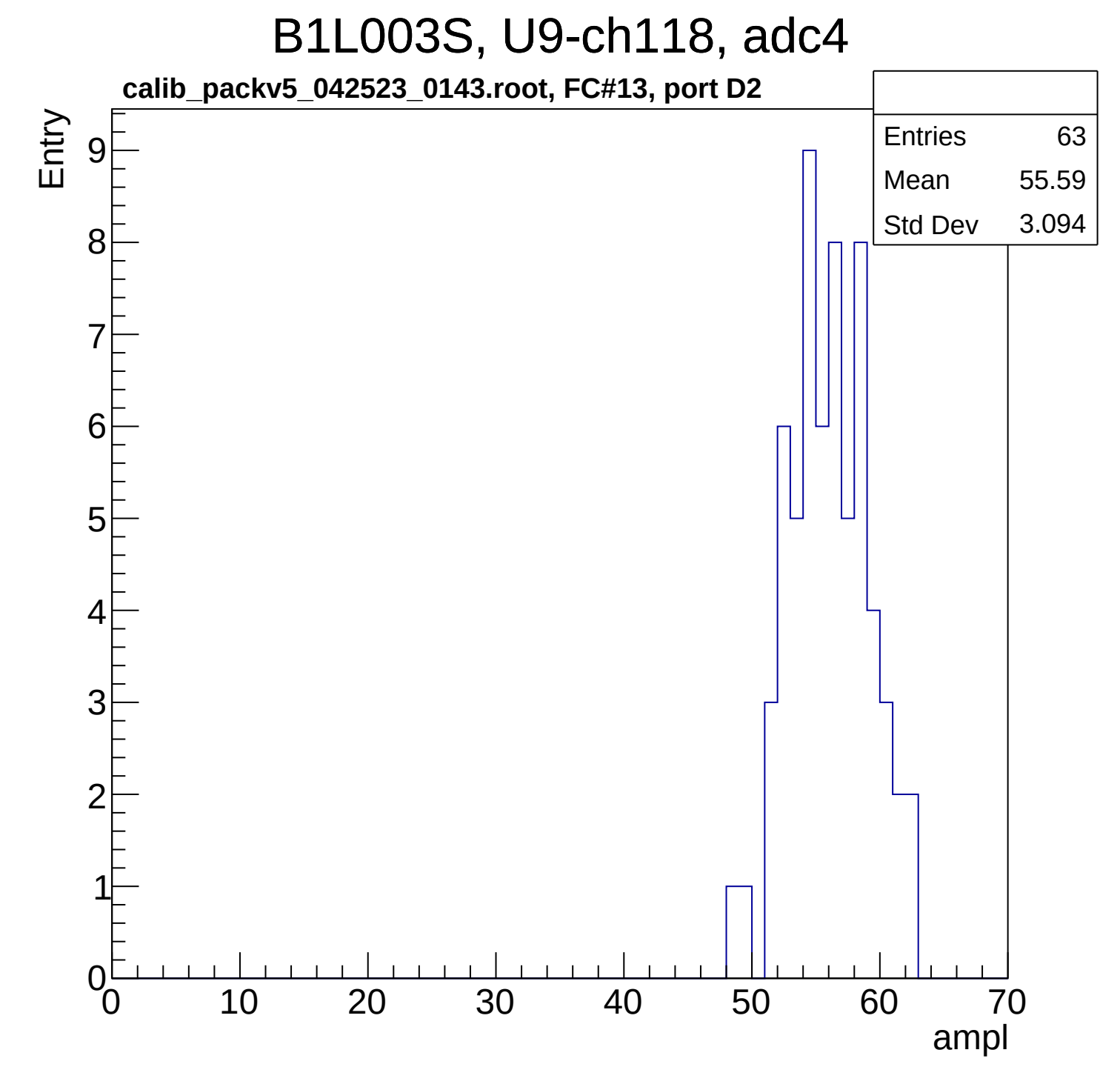

B1L003S, U9-ch118, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 48.65
Std Dev 3.604
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch118, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 55.59
Std Dev 3.094
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
50
60
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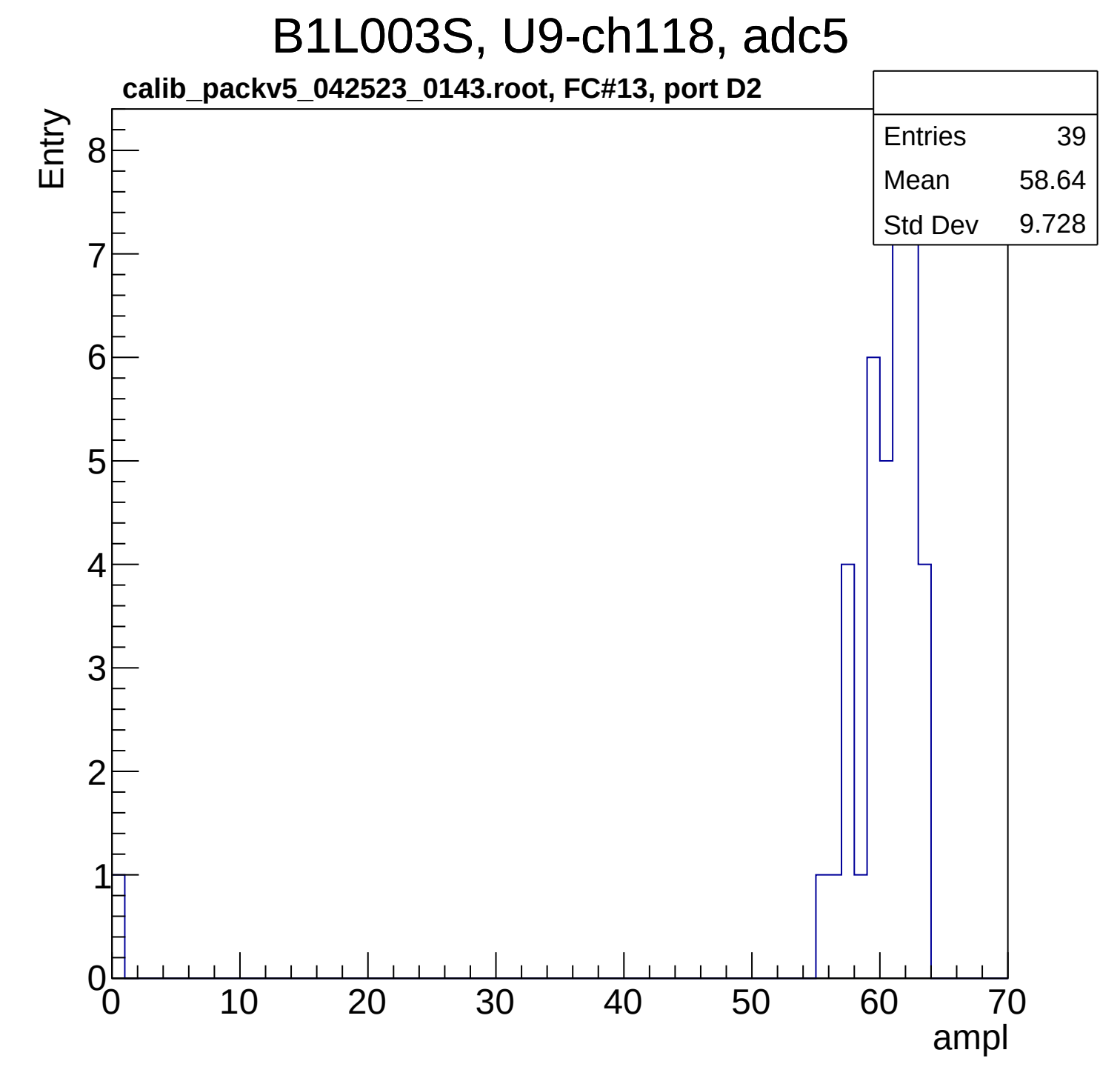
B1L003S, U9-ch118, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 58.64
Std Dev 9.728
Entry
ampl
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0
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40
50
60
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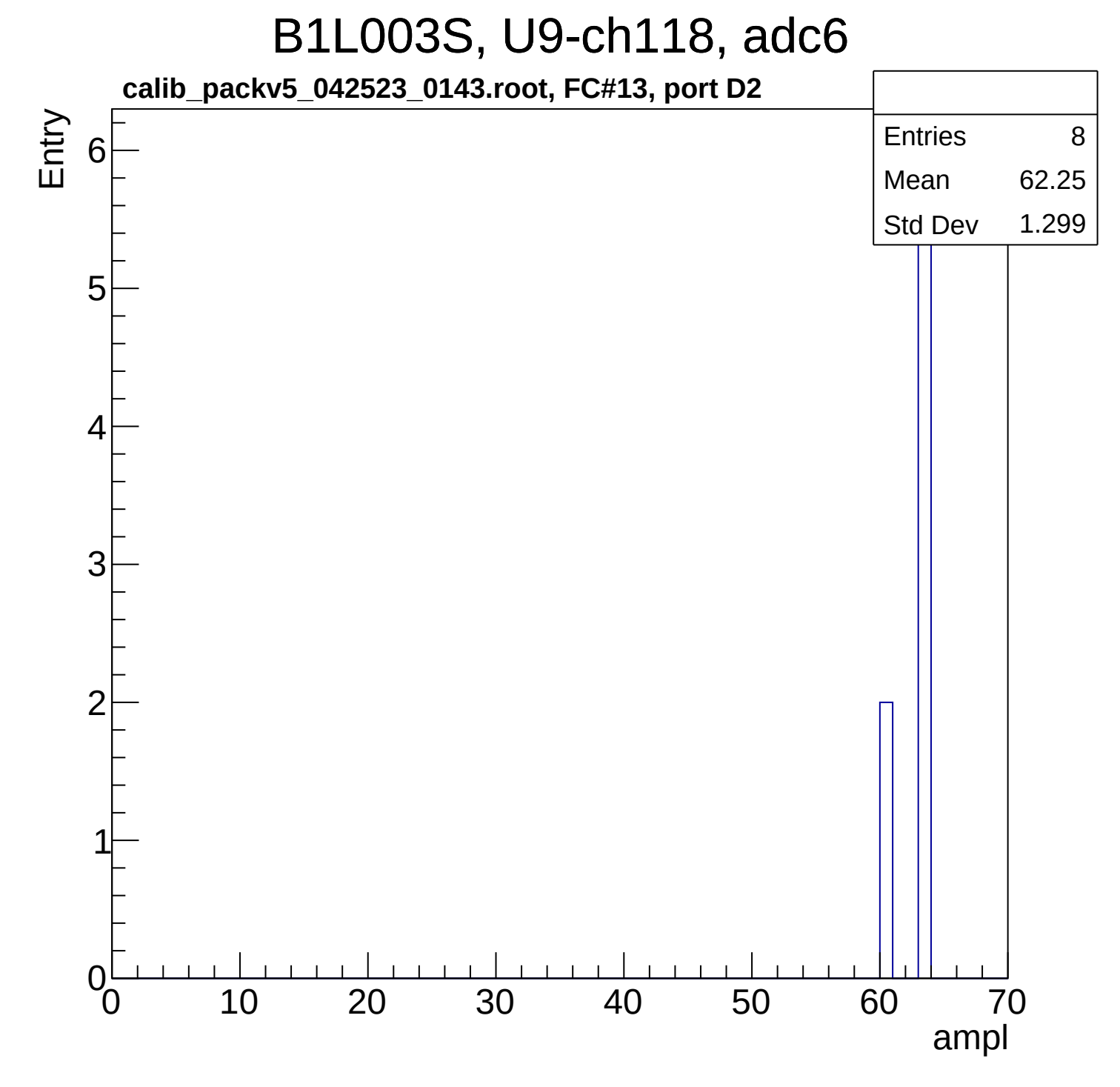
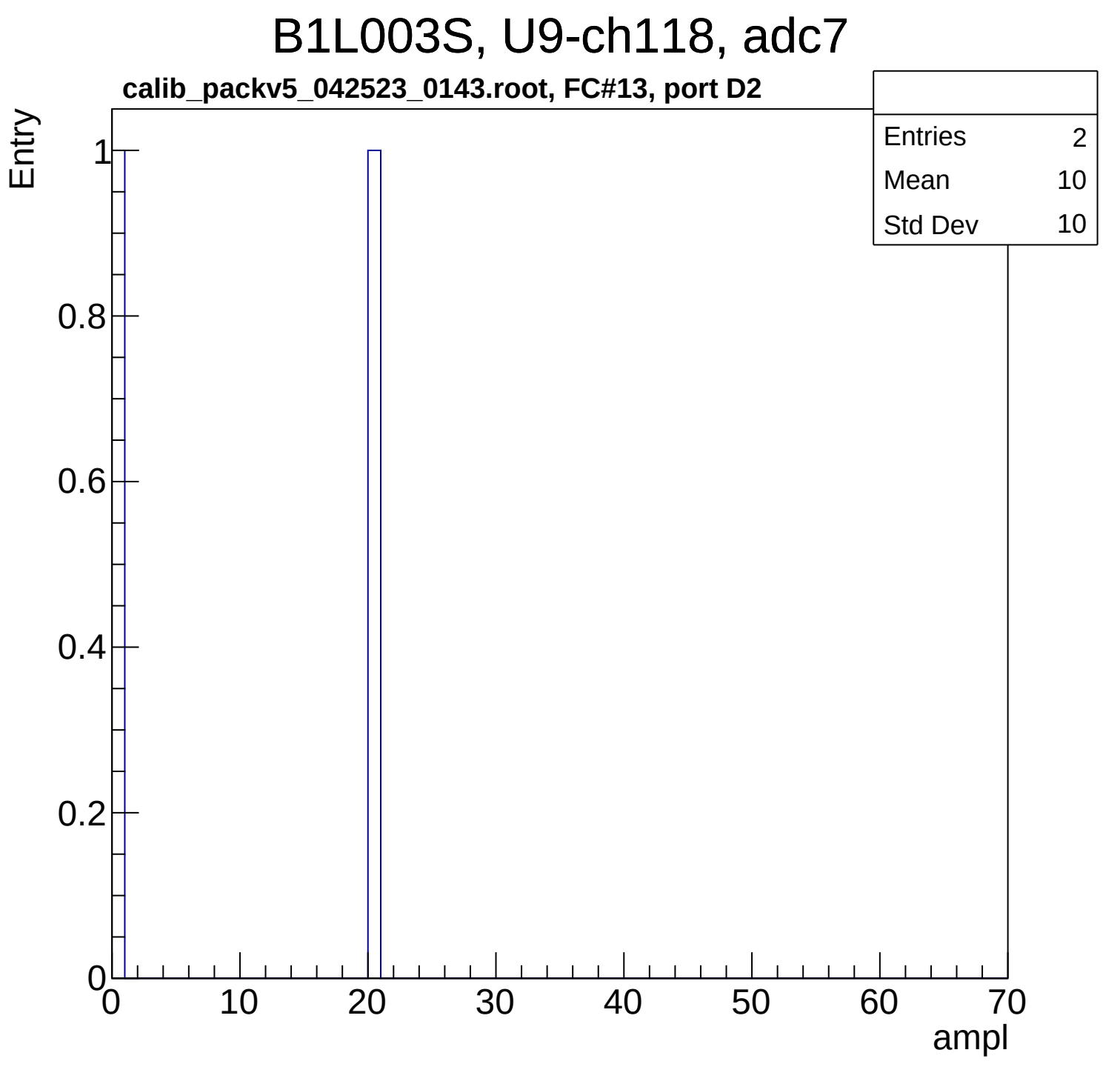

B1L003S, U9-ch118, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 62.25
Std Dev 1.299
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch118, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 10
Std Dev 10
Entry
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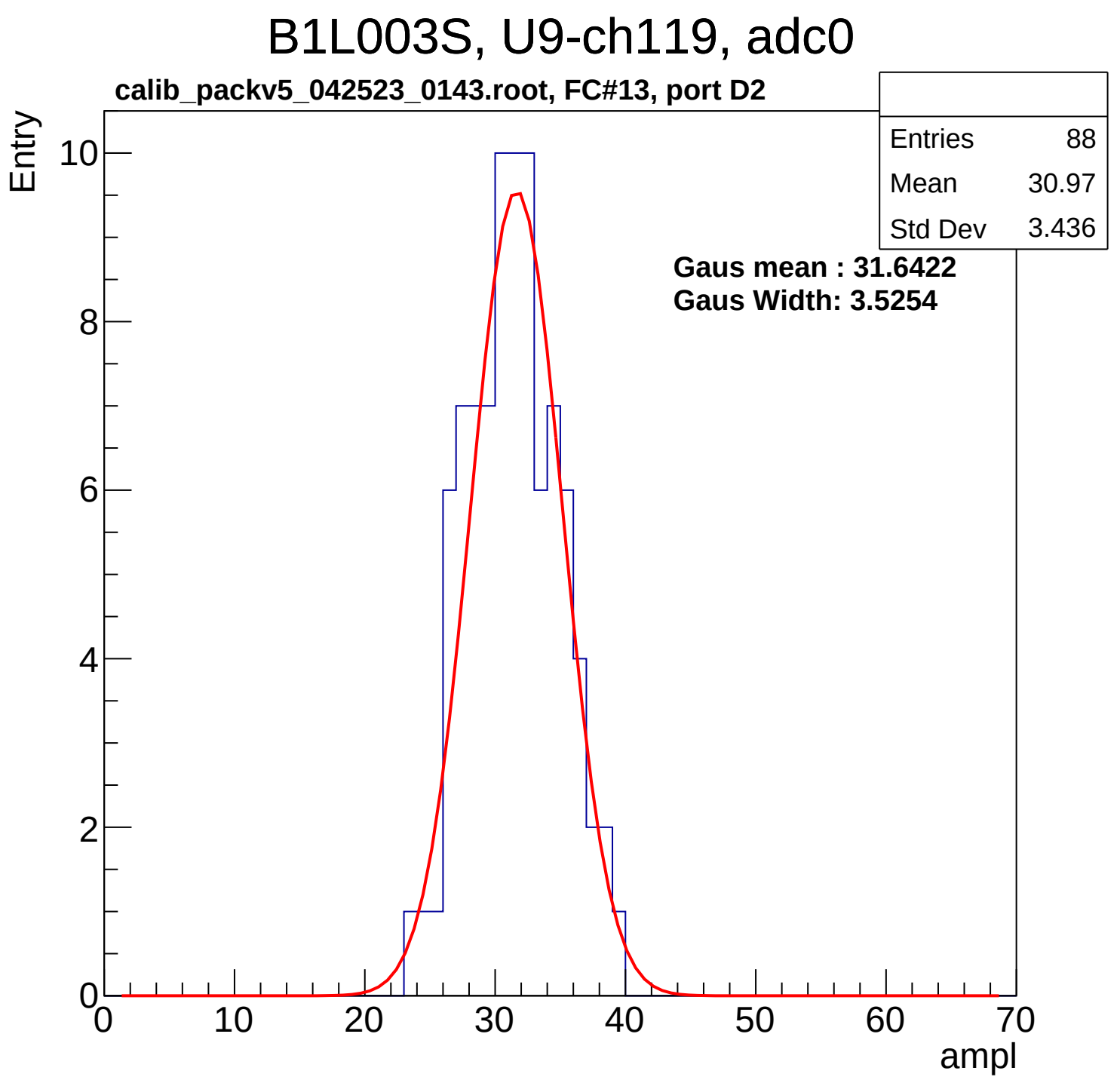
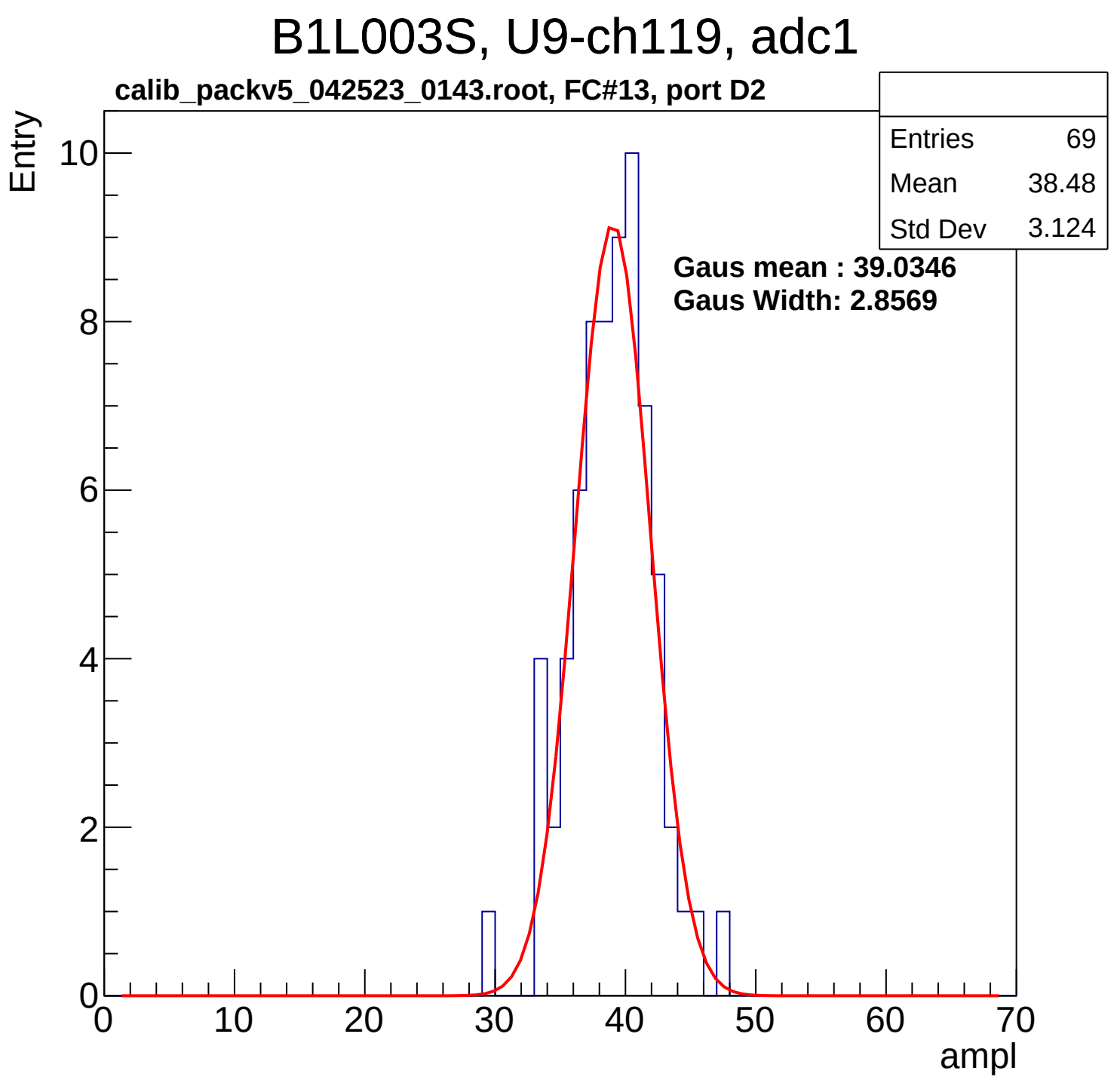
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch119, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 88
Mean 30.97
Std Dev 3.436
Gaus mean : 31.6422
Gaus Width: 3.5254
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch119, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 38.48
Std Dev 3.124
Gaus mean : 39.0346
Gaus Width: 2.8569
Entry
ampl
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4
6
8
10
0
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40
50
60
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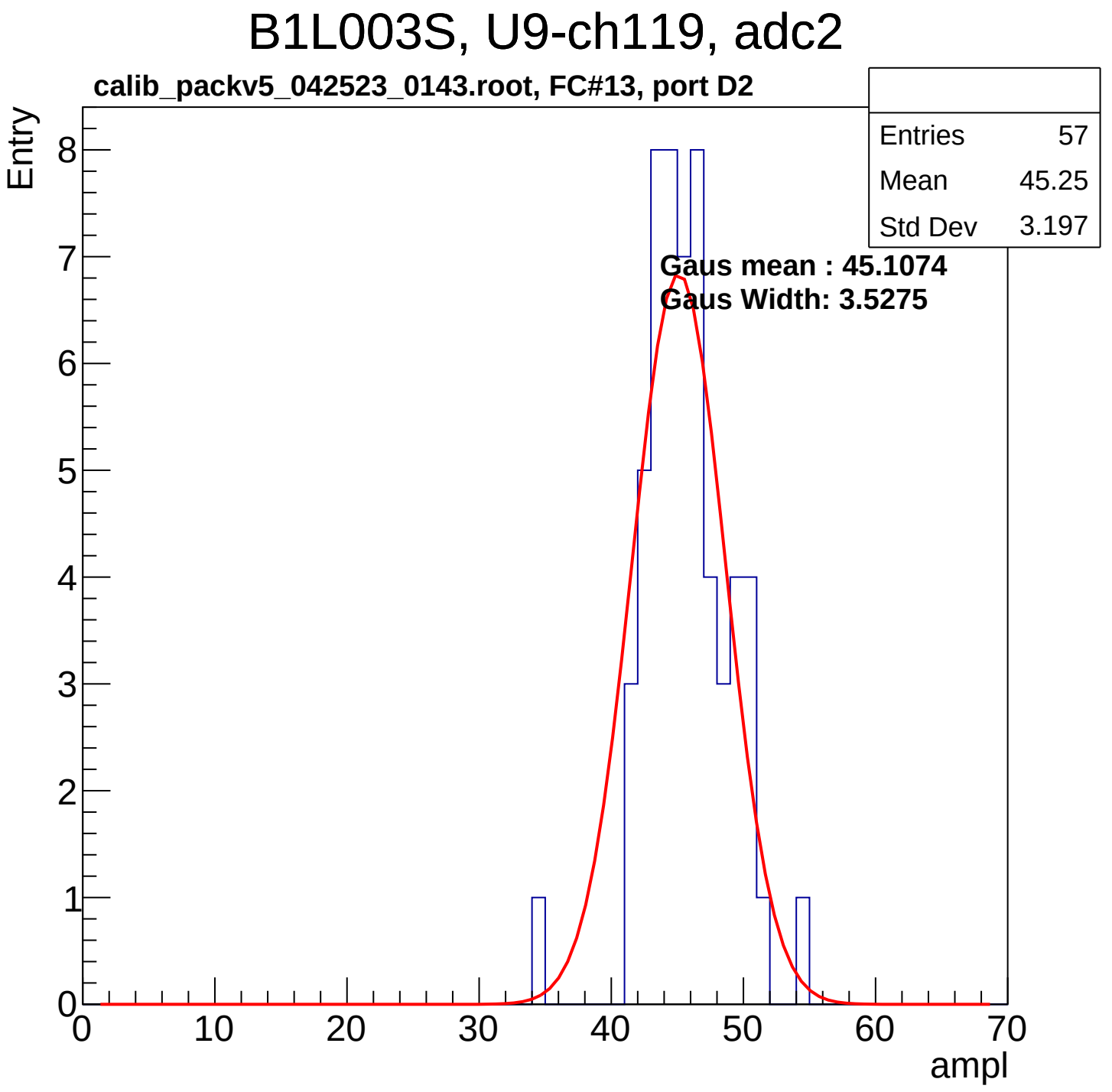
B1L003S, U9-ch119, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 45.25
Std Dev 3.197
Gaus mean : 45.1074
Gaus Width: 3.5275
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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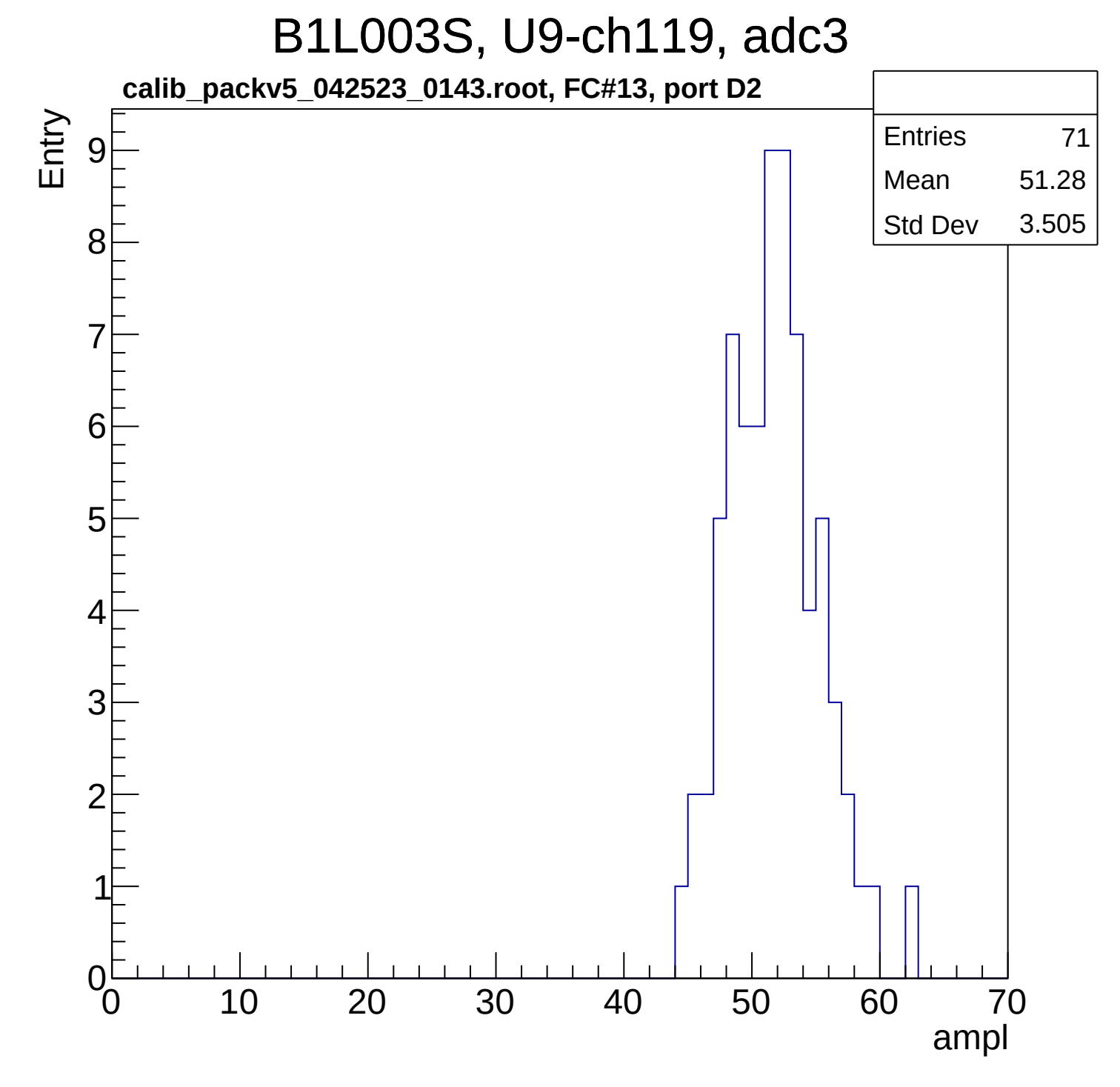
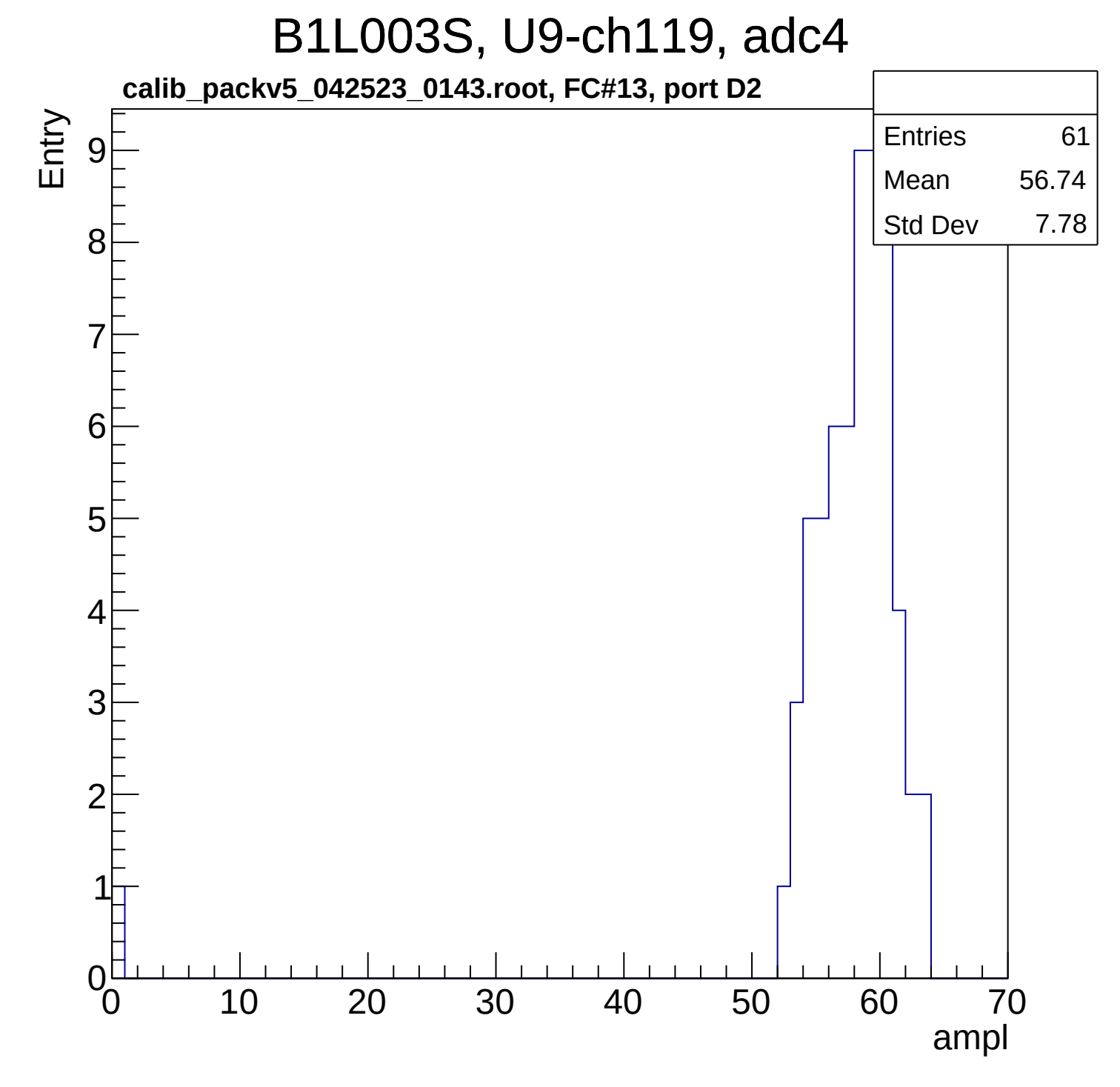

B1L003S, U9-ch119, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 51.28
Std Dev 3.505
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch119, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 56.74
Std Dev 7.78
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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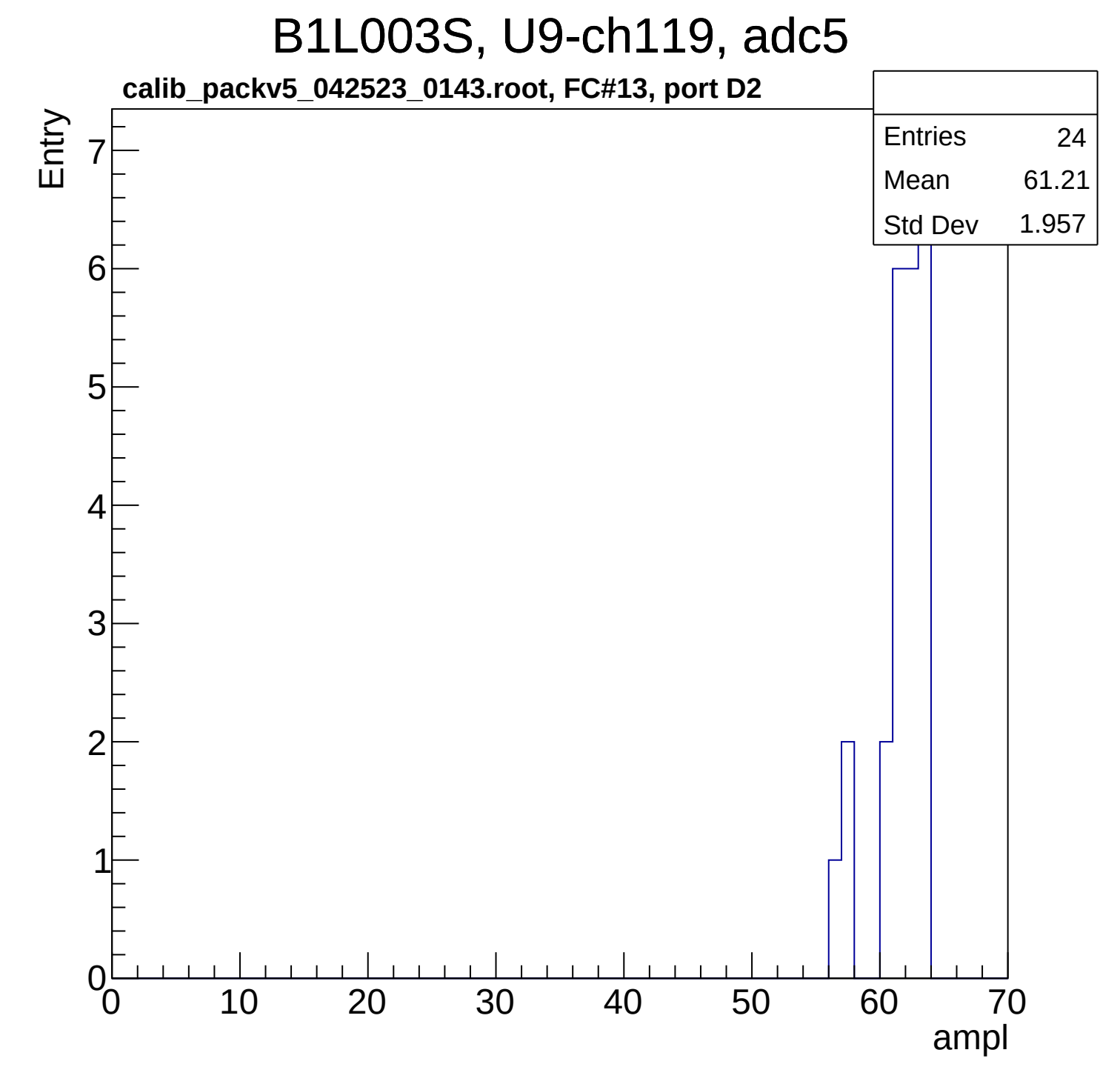
40
50
60
70


B1L003S, U9-ch119, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 24
Mean 61.21
Std Dev 1.957
Entry
ampl
0
1
2
3
4
5
6
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0
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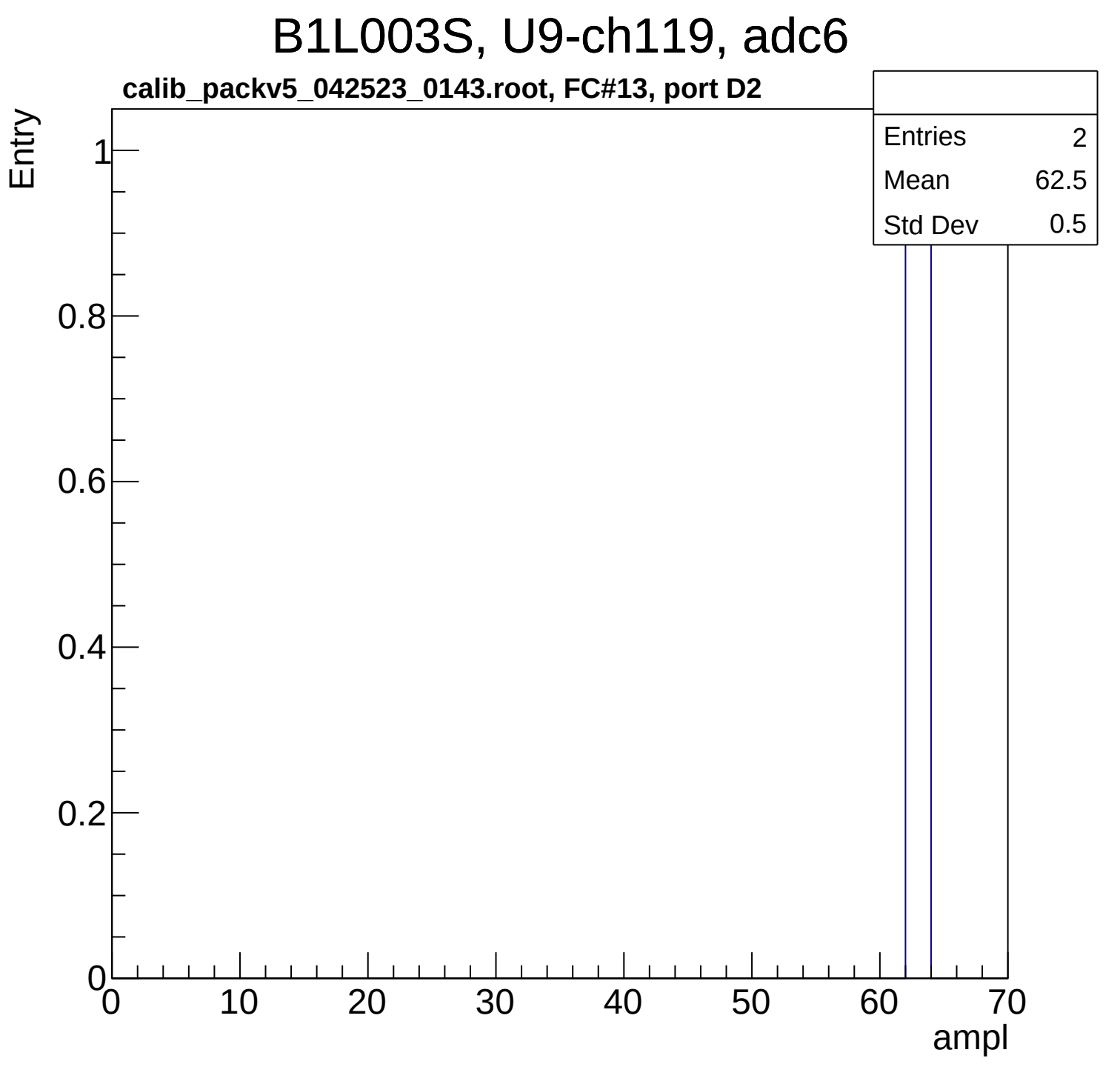
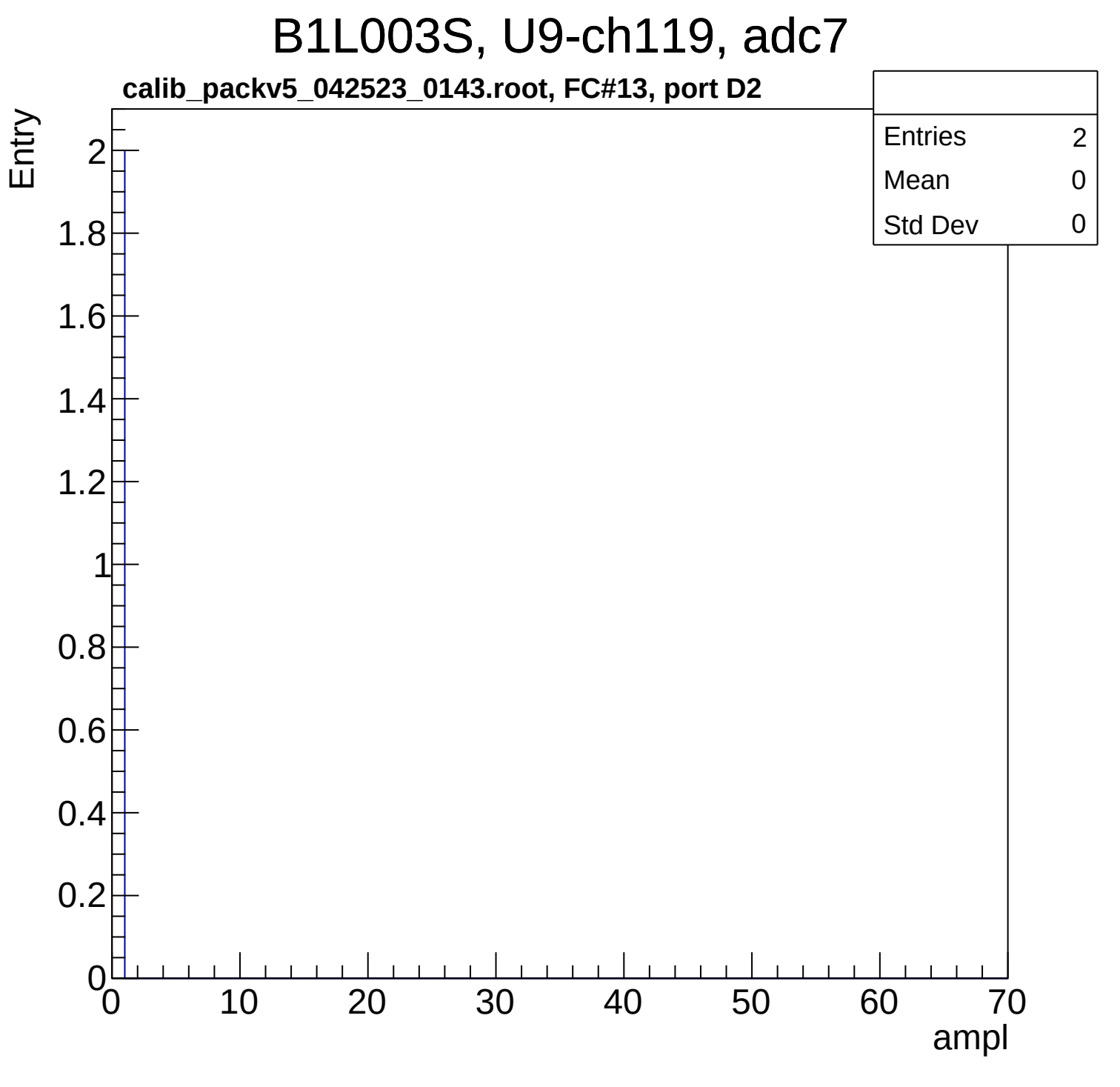

B1L003S, U9-ch119, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch119, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
30
40
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60
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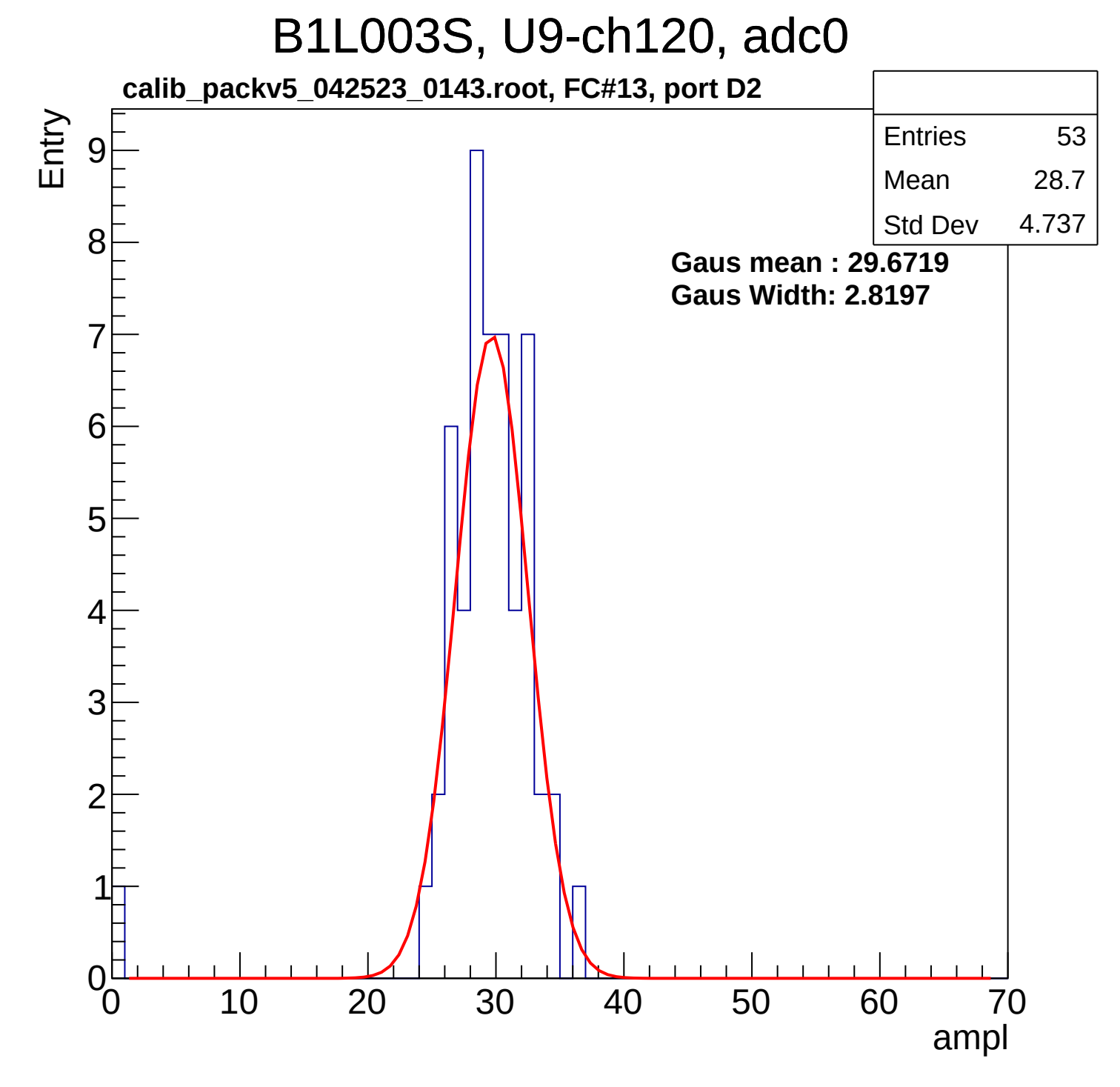
B1L003S, U9-ch120, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 28.7
Std Dev 4.737
Gaus mean : 29.6719
Gaus Width: 2.8197
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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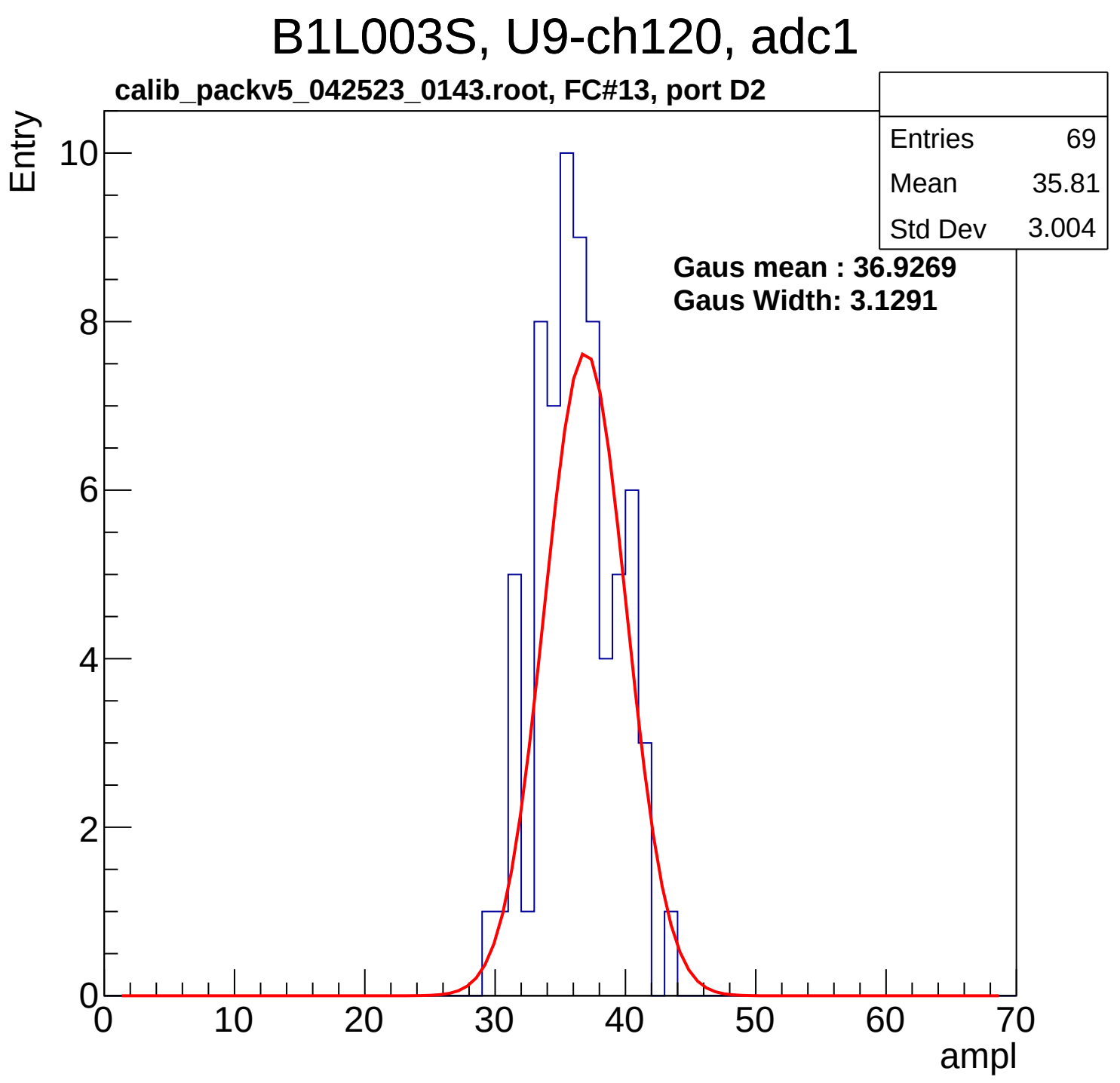
B1L003S, U9-ch120, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 35.81
Std Dev 3.004
Gaus mean : 36.9269
Gaus Width: 3.1291
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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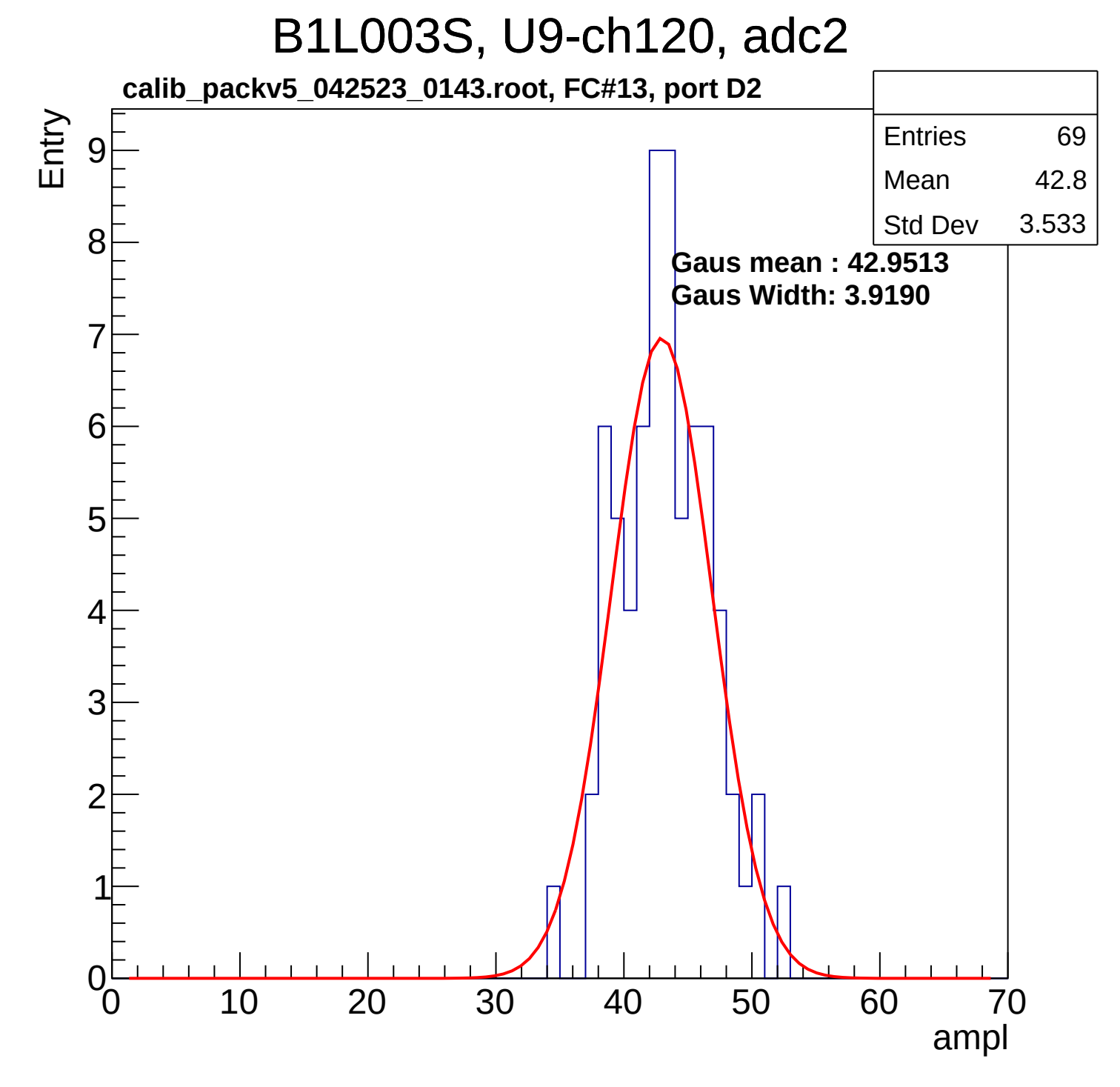
B1L003S, U9-ch120, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 42.8
Std Dev 3.533
Gaus mean : 42.9513
Gaus Width: 3.9190
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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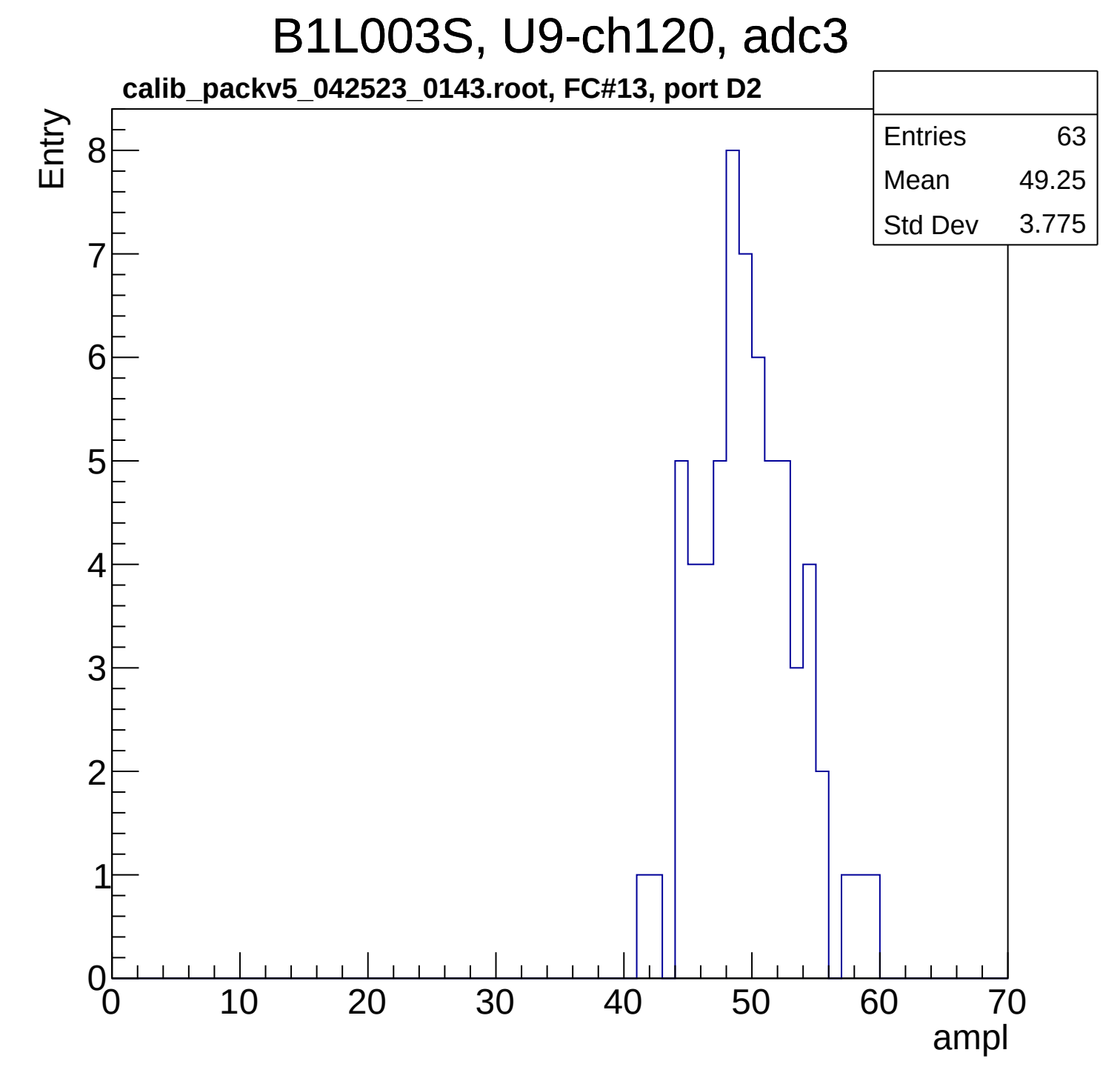
B1L003S, U9-ch120, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 49.25
Std Dev 3.775
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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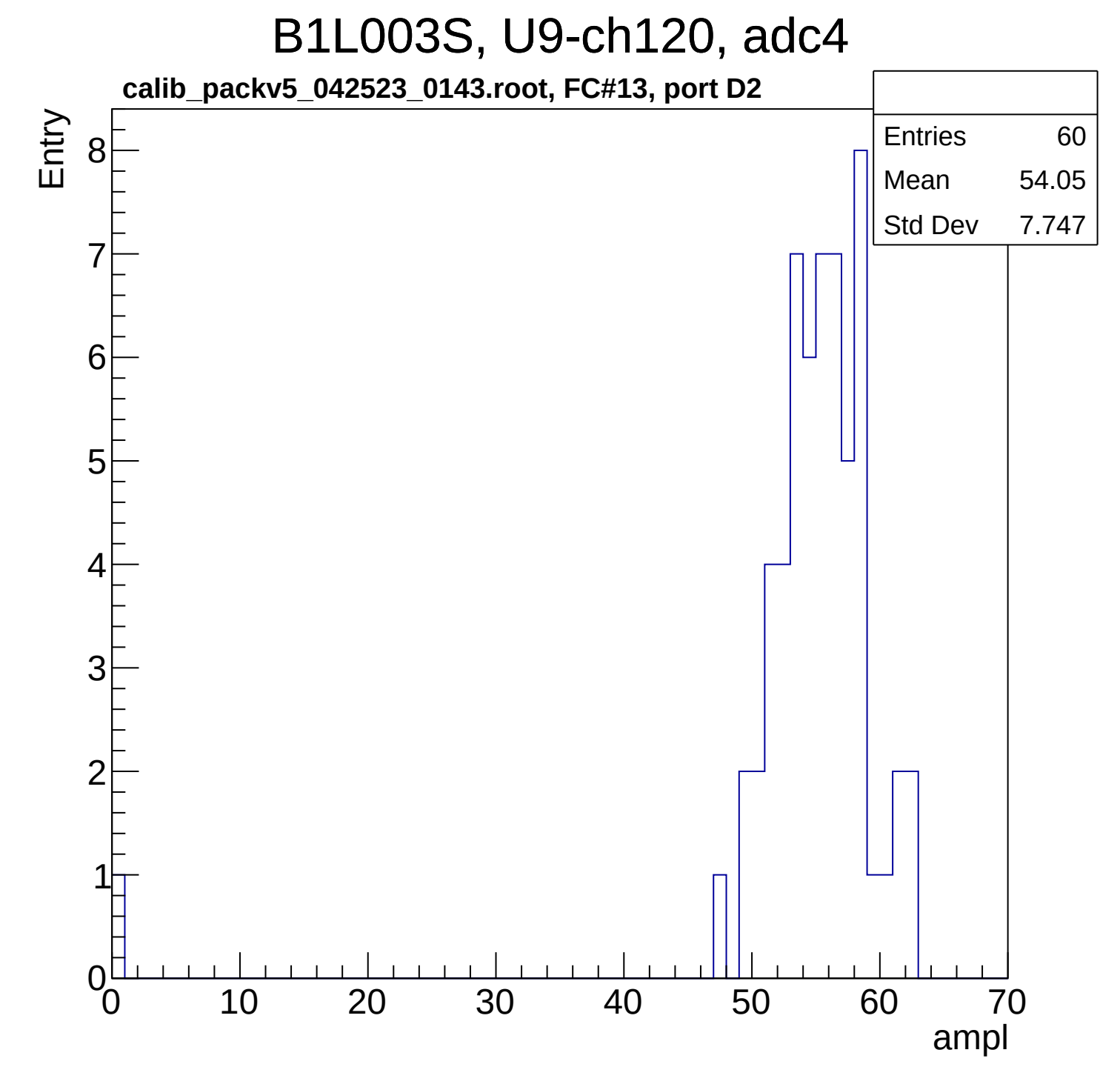
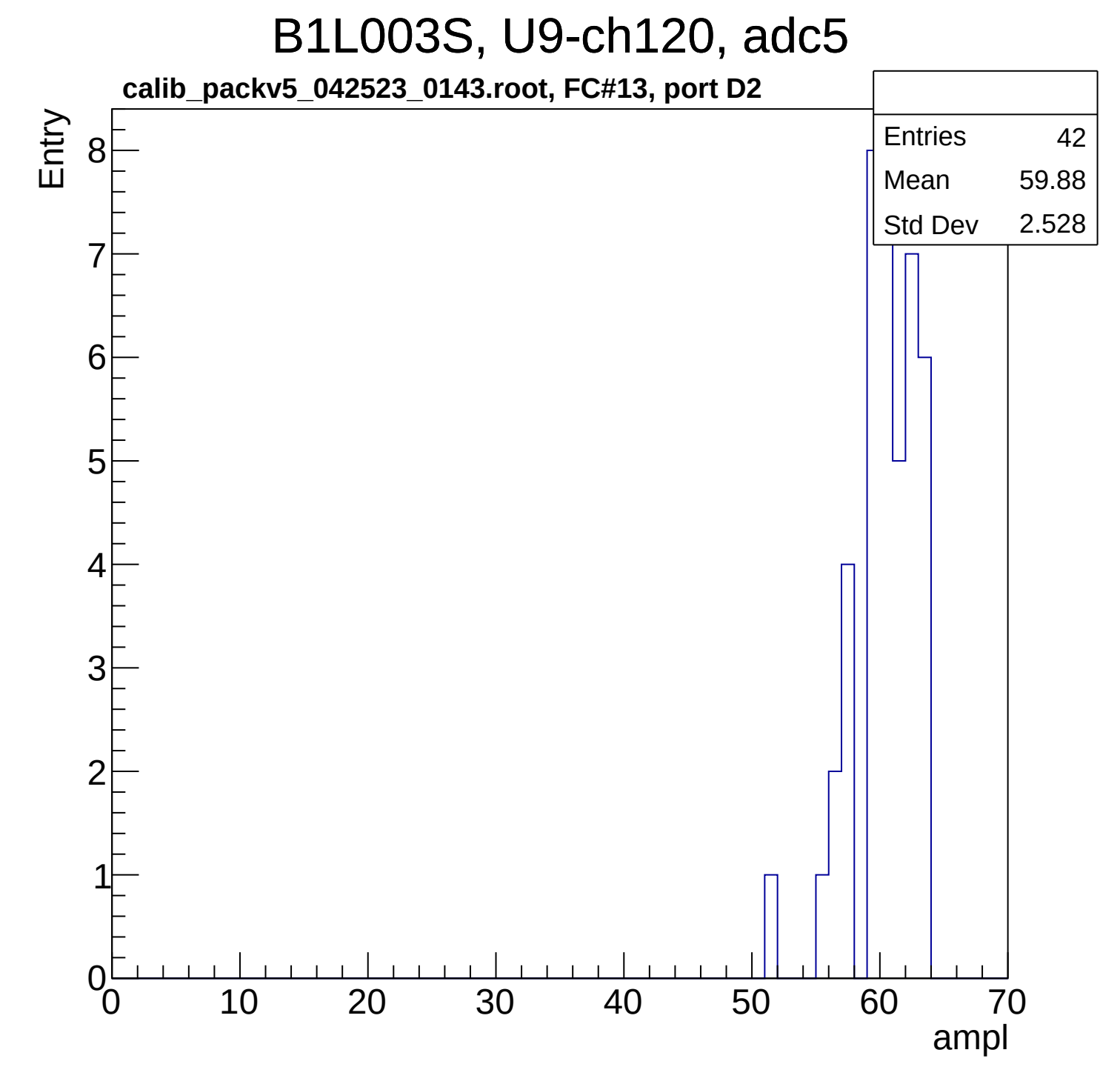

B1L003S, U9-ch120, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 54.05
Std Dev 7.747
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch120, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 59.88
Std Dev 2.528
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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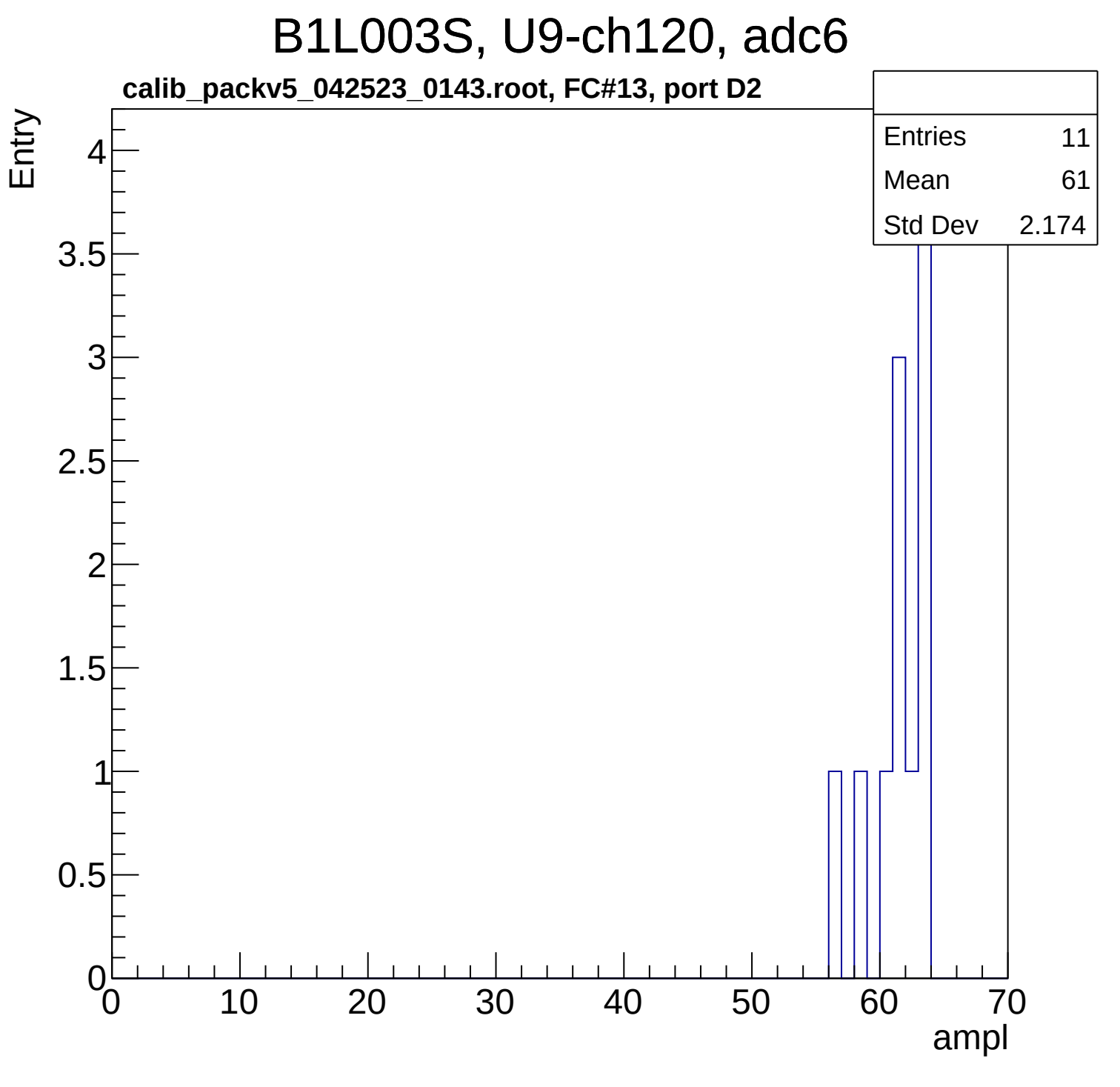
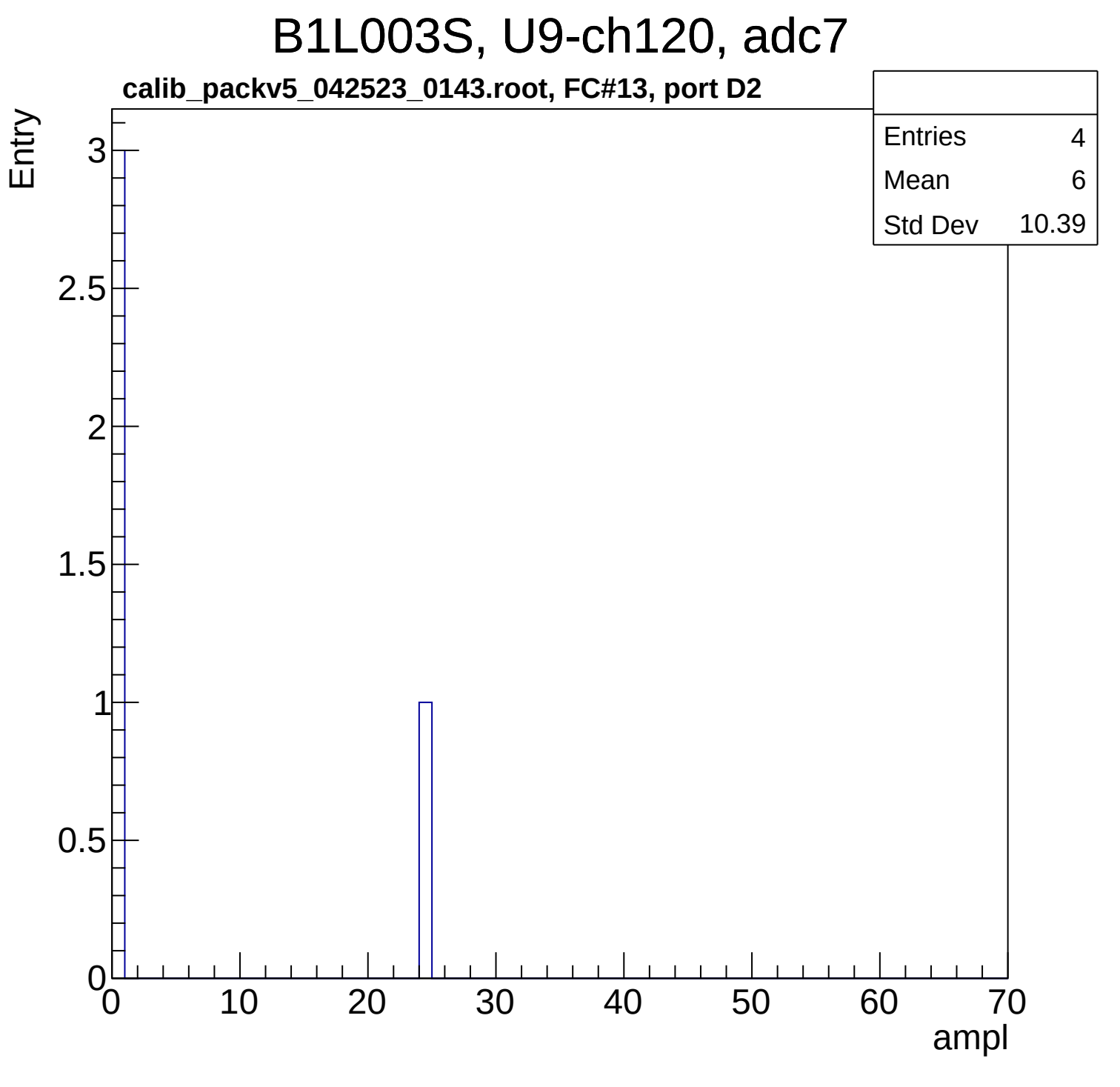
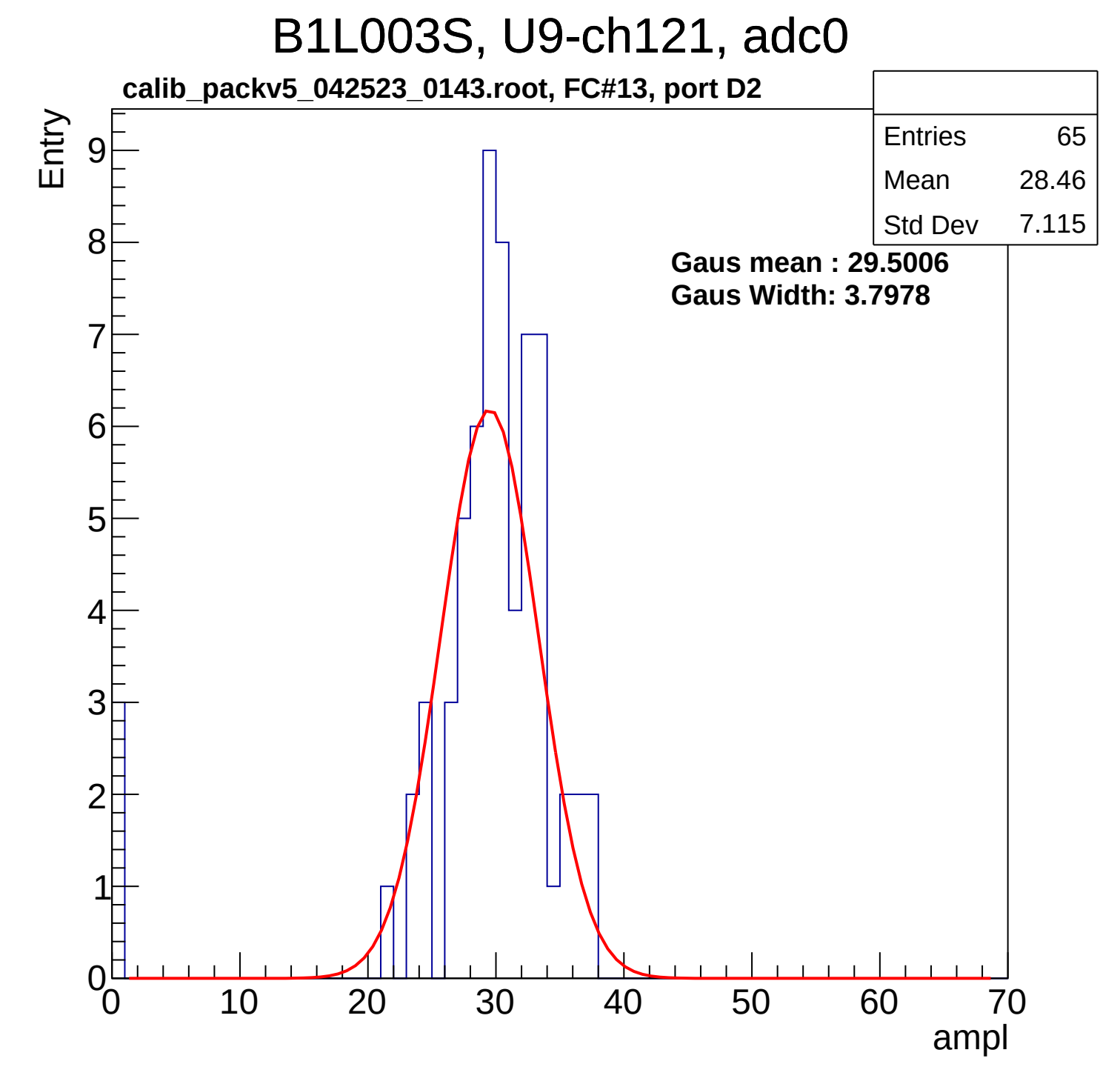

B1L003S, U9-ch120, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 61
Std Dev 2.174
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L003S, U9-ch120, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 6
Std Dev 10.39
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch121, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 28.46
Std Dev 7.115
Gaus mean : 29.5006
Gaus Width: 3.7978
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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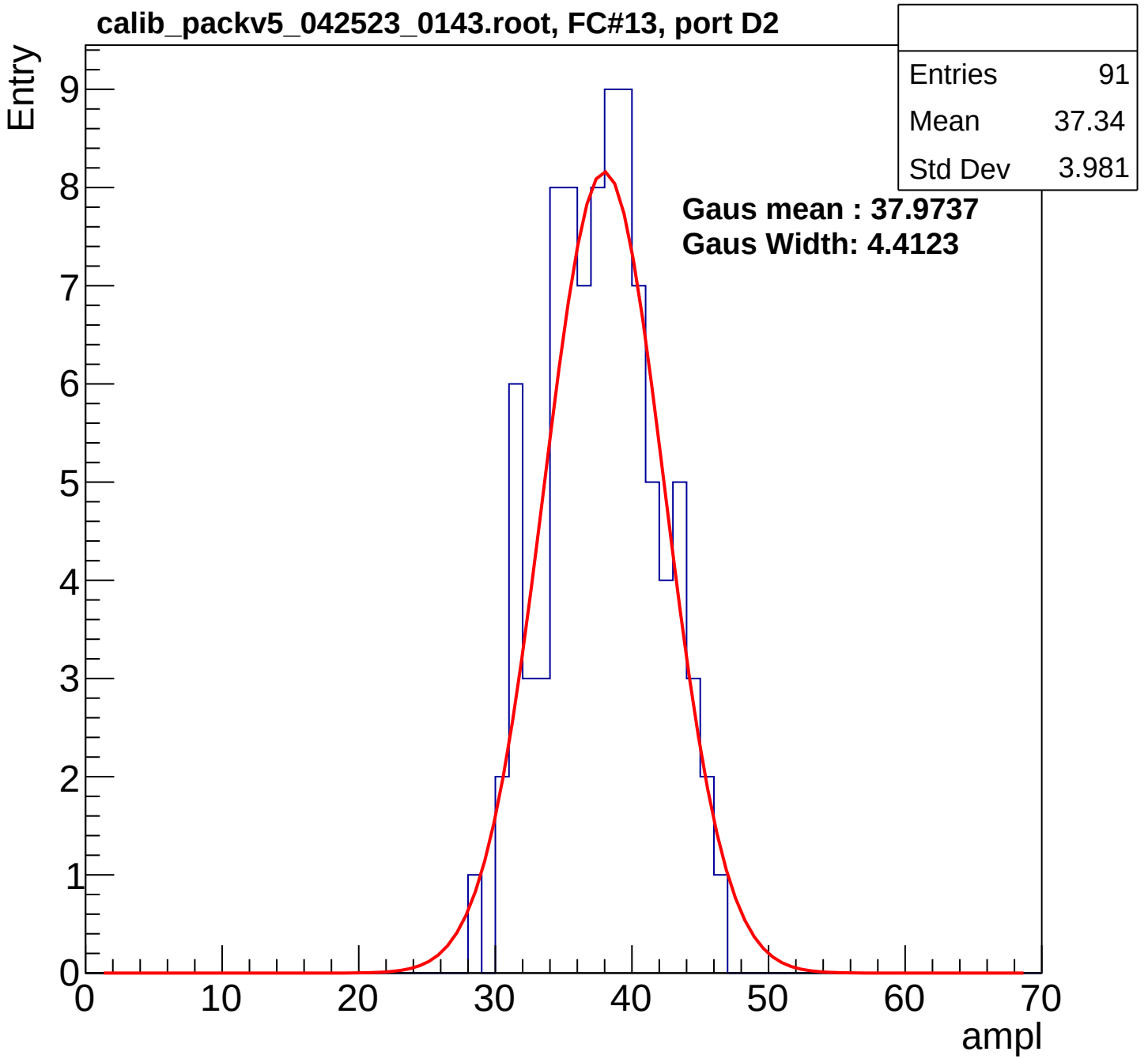
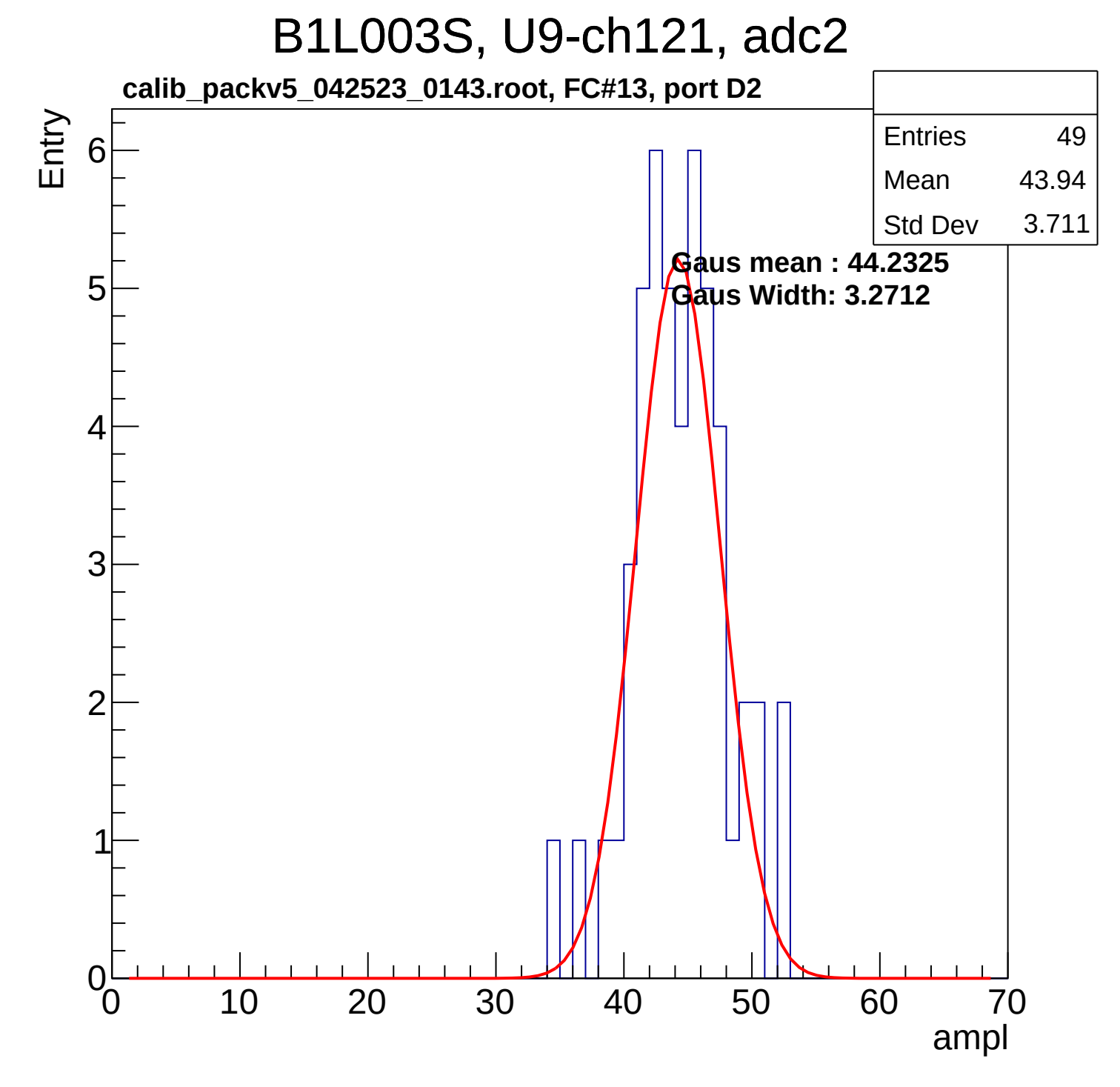
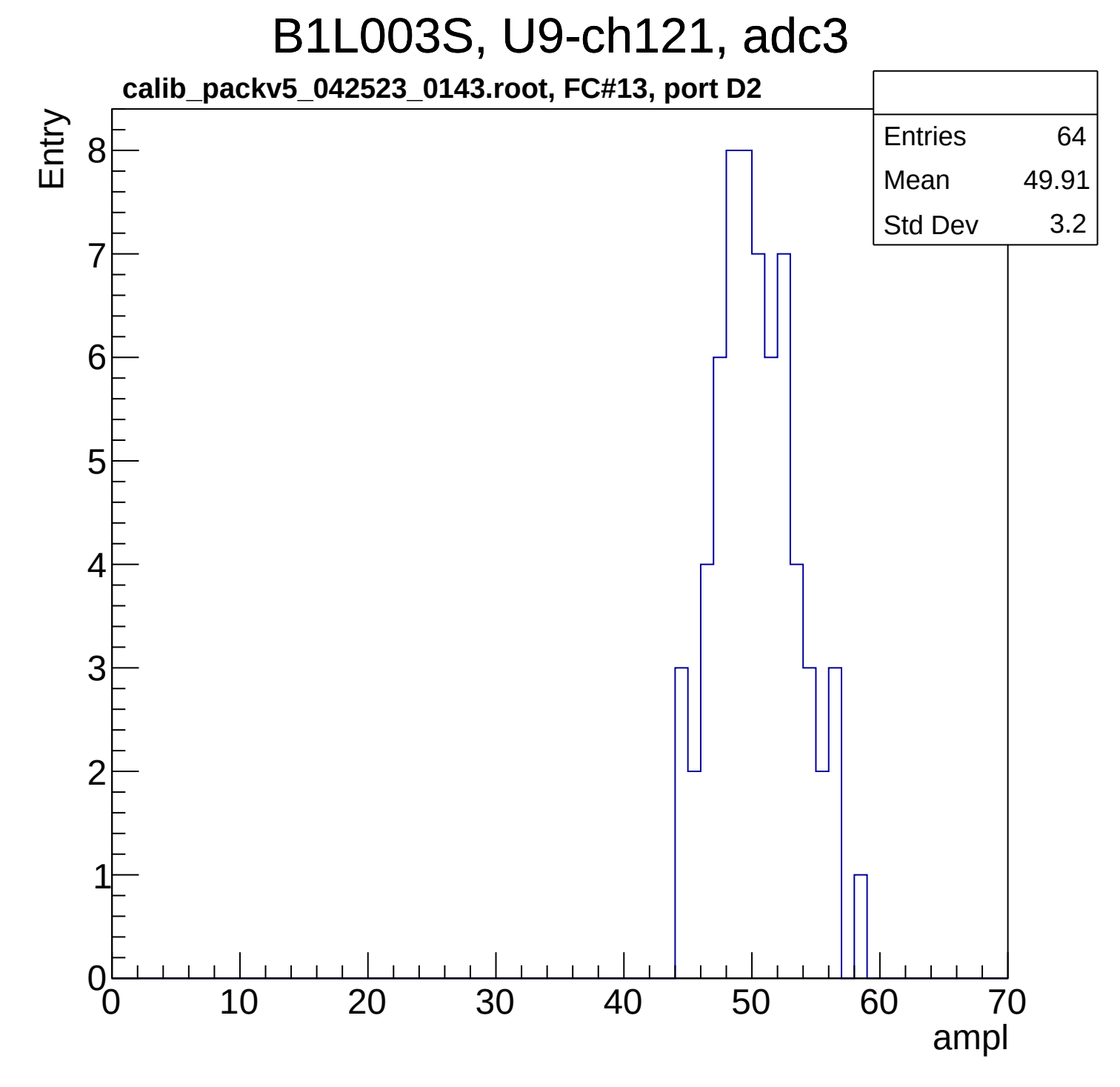

B1L003S, U9-ch121, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 91
Mean 37.34
Std Dev 3.981
Gaus mean : 37.9737
Gaus Width: 4.4123
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L003S, U9-ch121, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 43.94
Std Dev 3.711
Gaus mean : 44.2325
Gaus Width: 3.2712
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L003S, U9-ch121, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 49.91
Std Dev 3.2
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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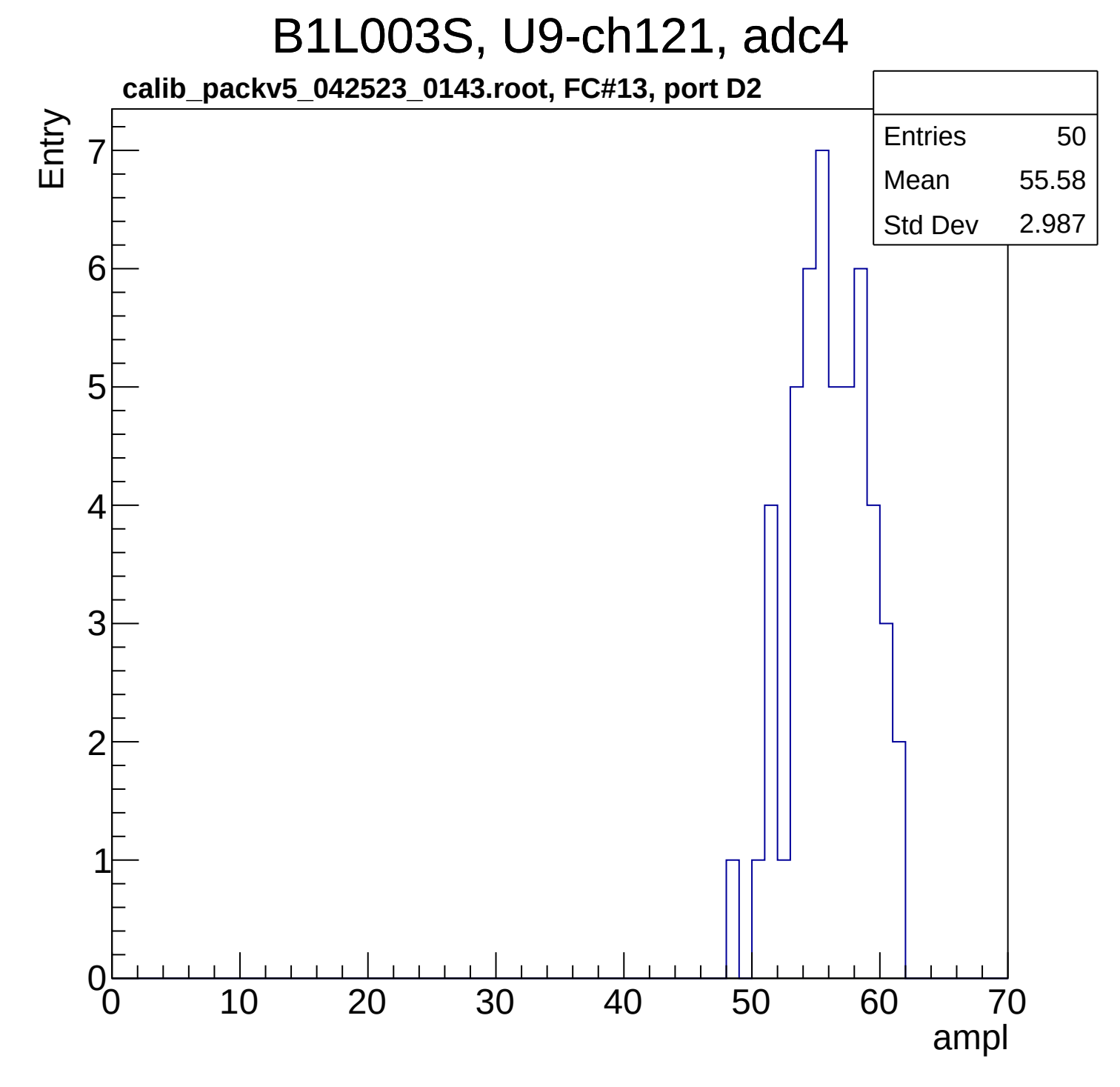
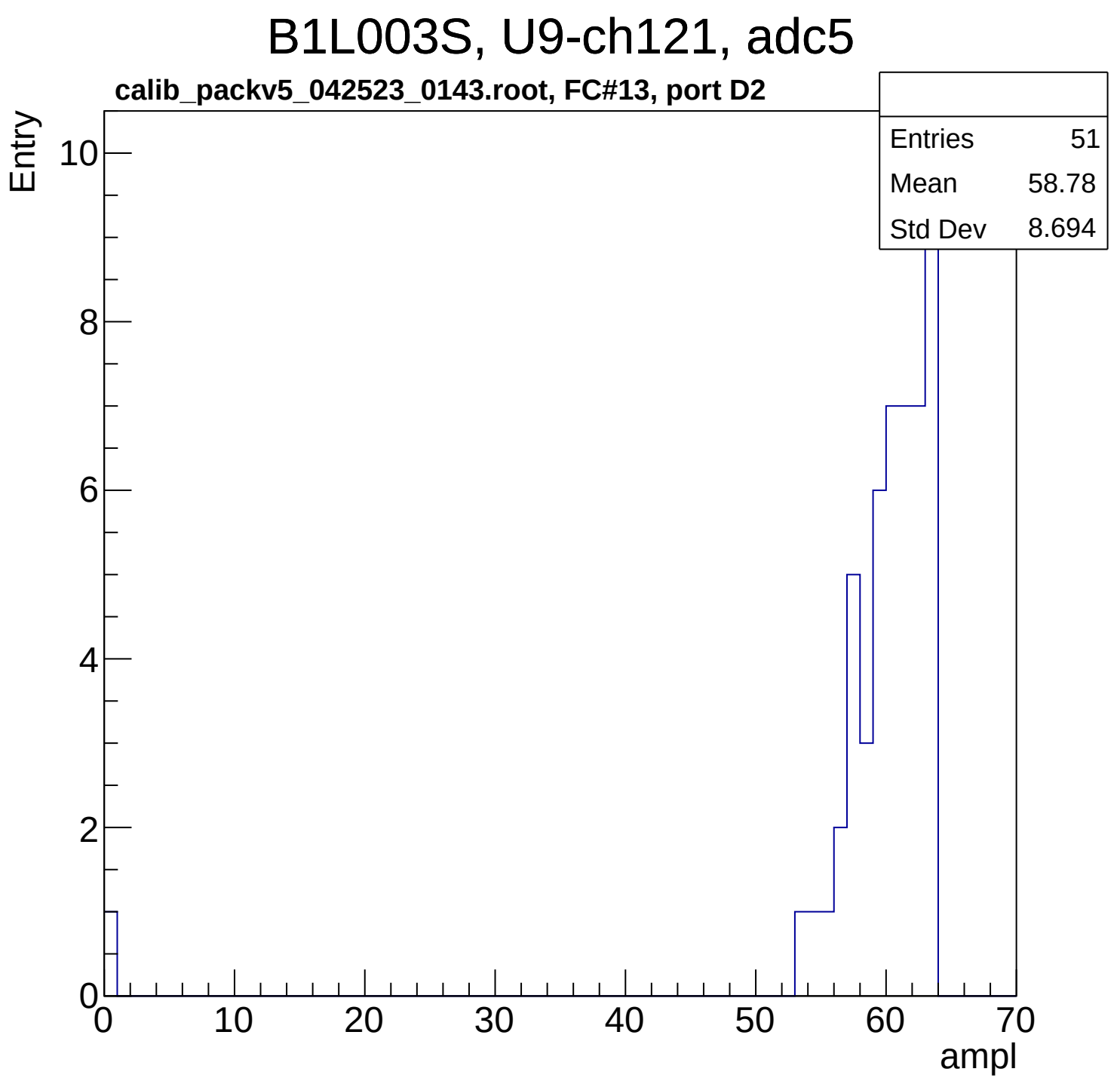
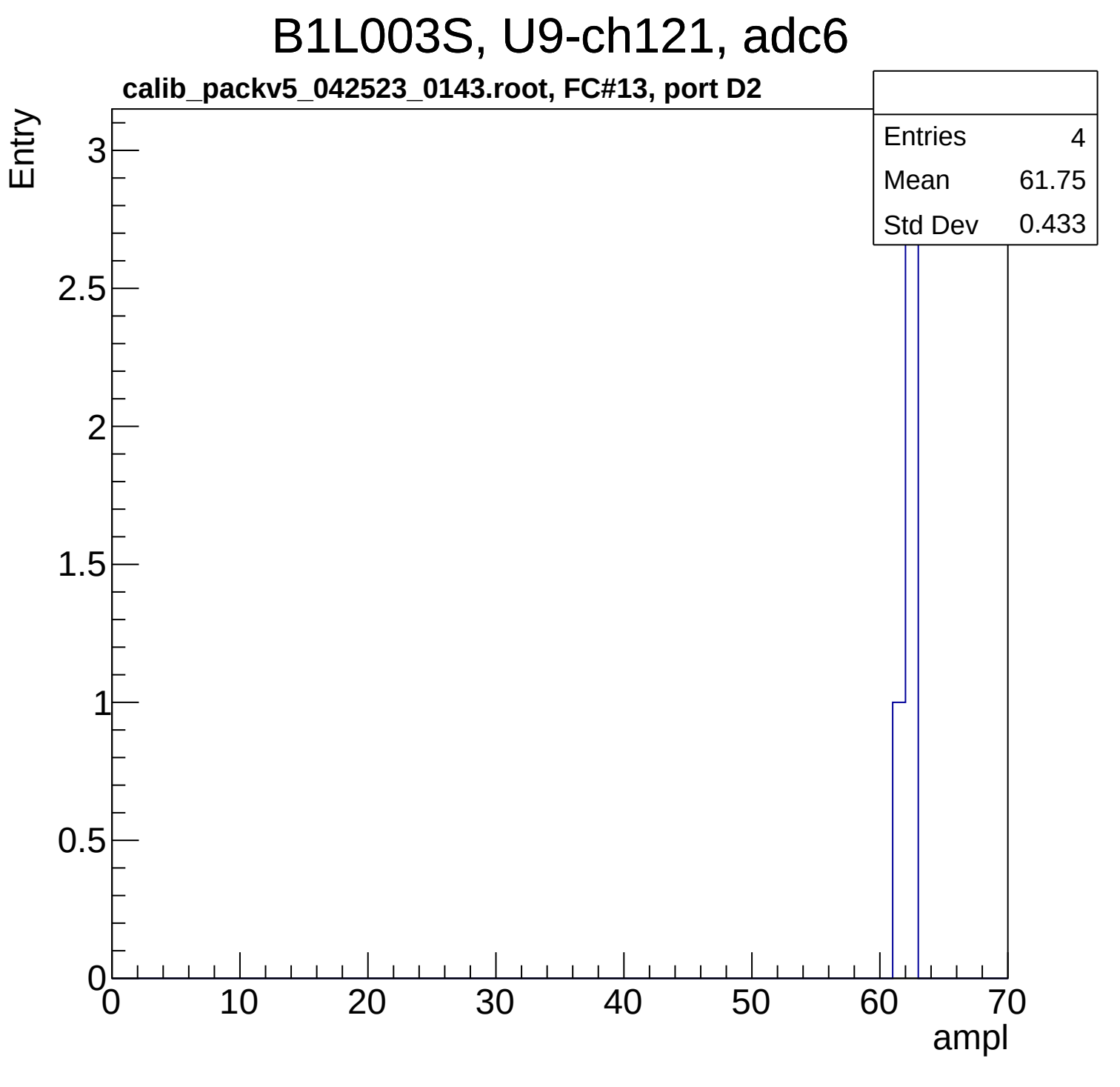

B1L003S, U9-ch121, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 55.58
Std Dev 2.987
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch121, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 58.78
Std Dev 8.694
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch121, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 61.75
Std Dev 0.433
Entry
ampl
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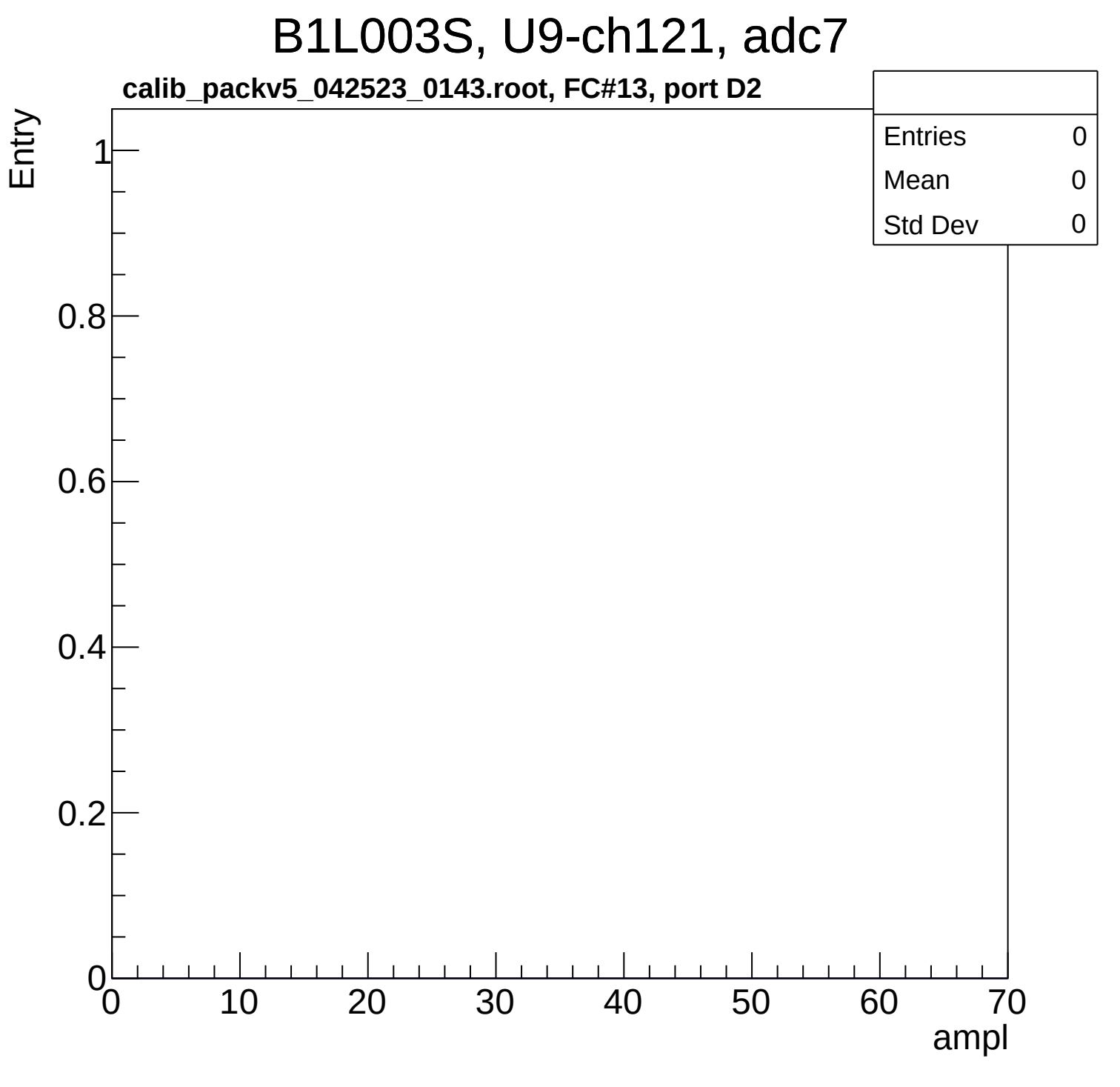
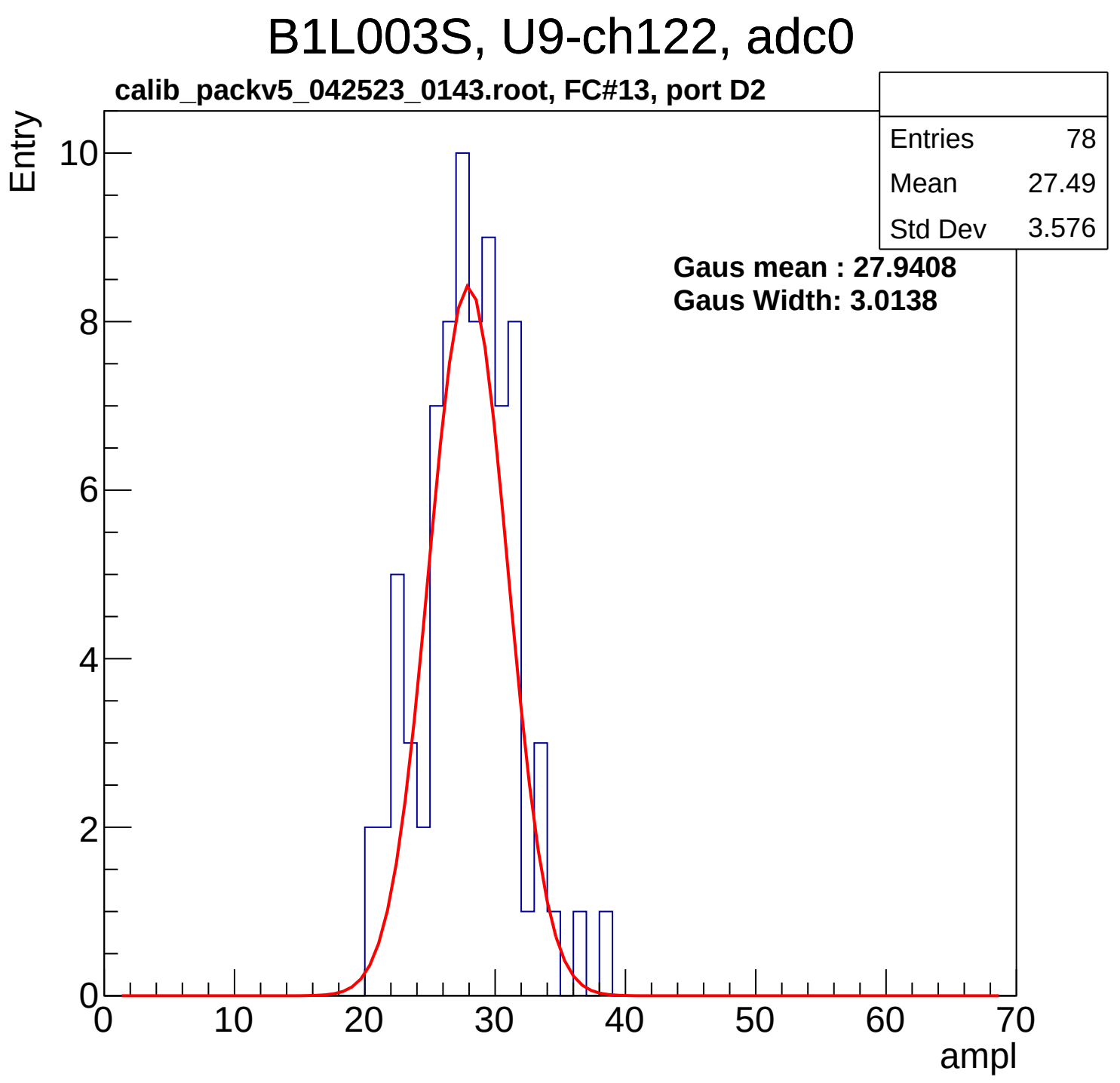
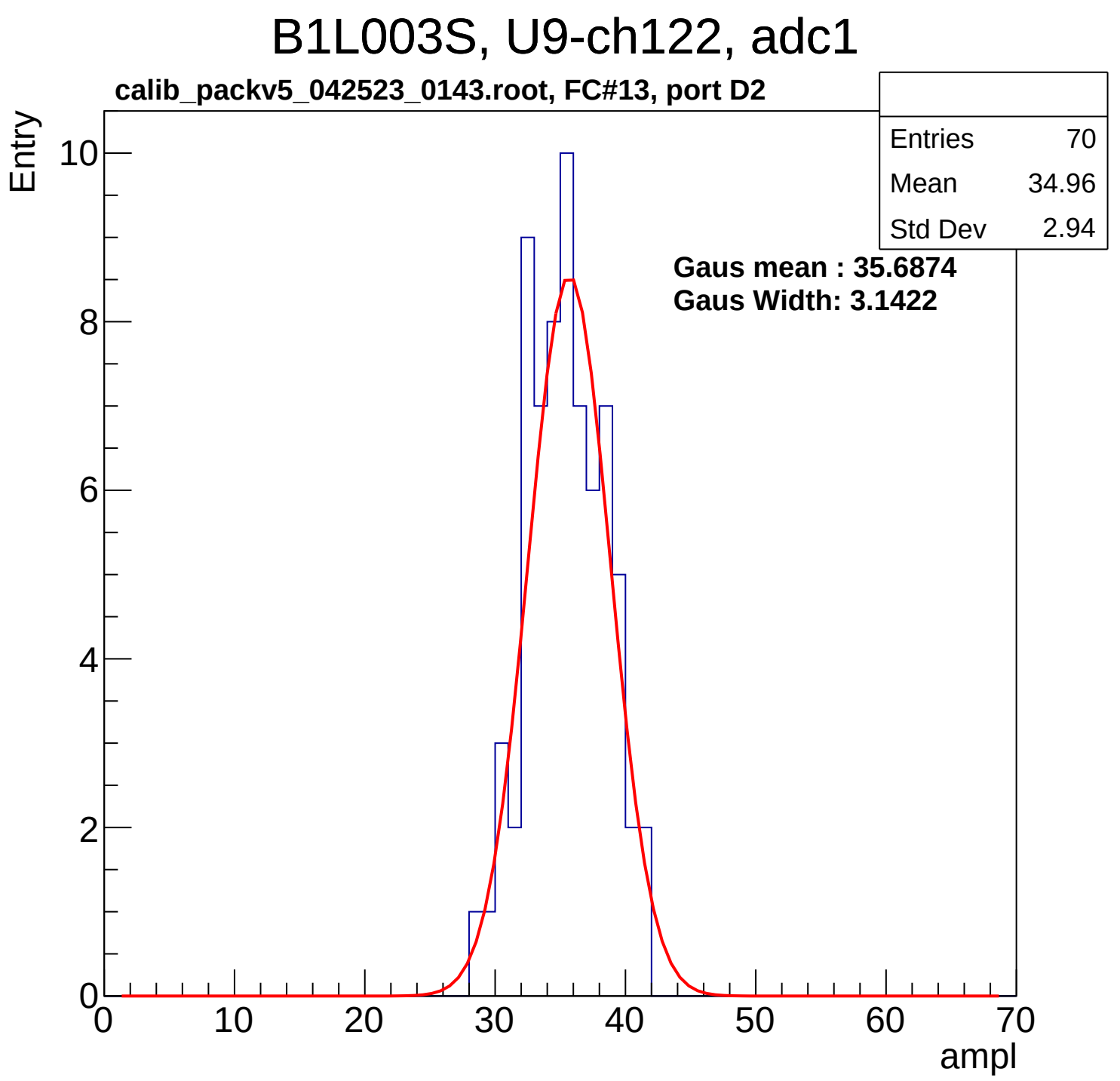
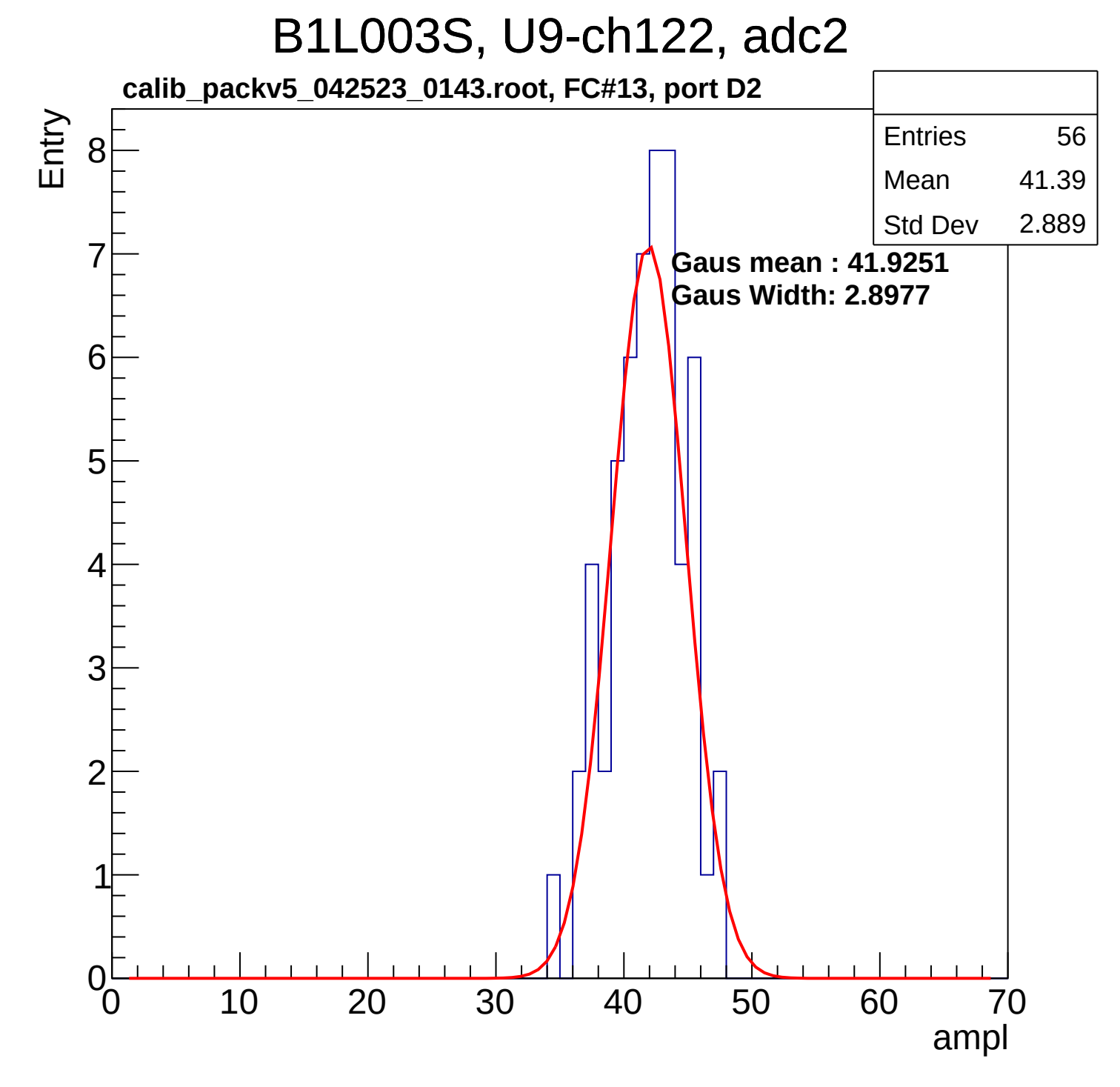
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U9-ch121, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch122, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 27.49
Std Dev 3.576
Gaus mean : 27.9408
Gaus Width: 3.0138
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch122, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 34.96
Std Dev 2.94
Gaus mean : 35.6874
Gaus Width: 3.1422
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L003S, U9-ch122, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 41.39
Std Dev 2.889
Gaus mean : 41.9251
Gaus Width: 2.8977
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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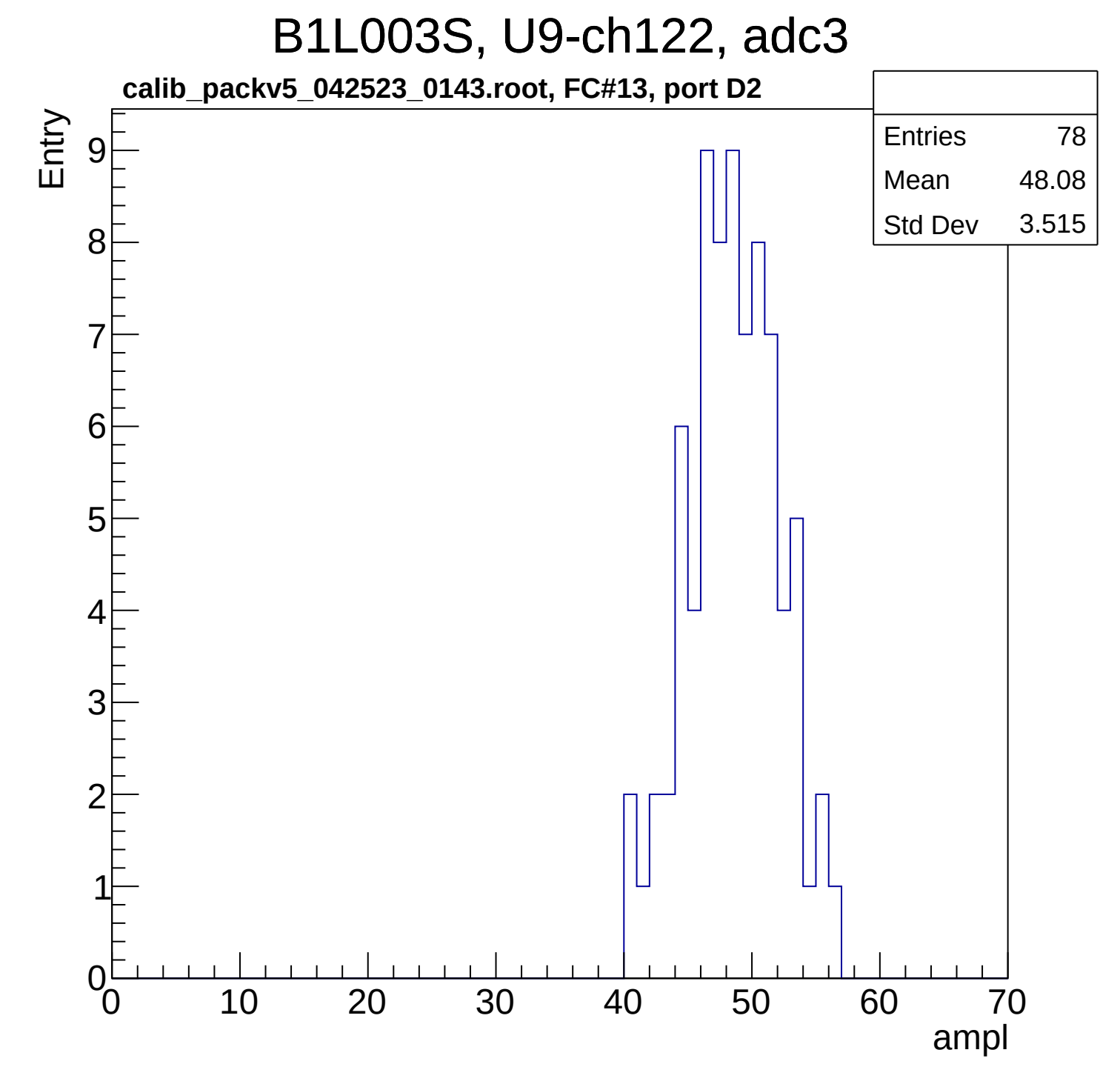
40
50
60
70


B1L003S, U9-ch122, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 48.08
Std Dev 3.515
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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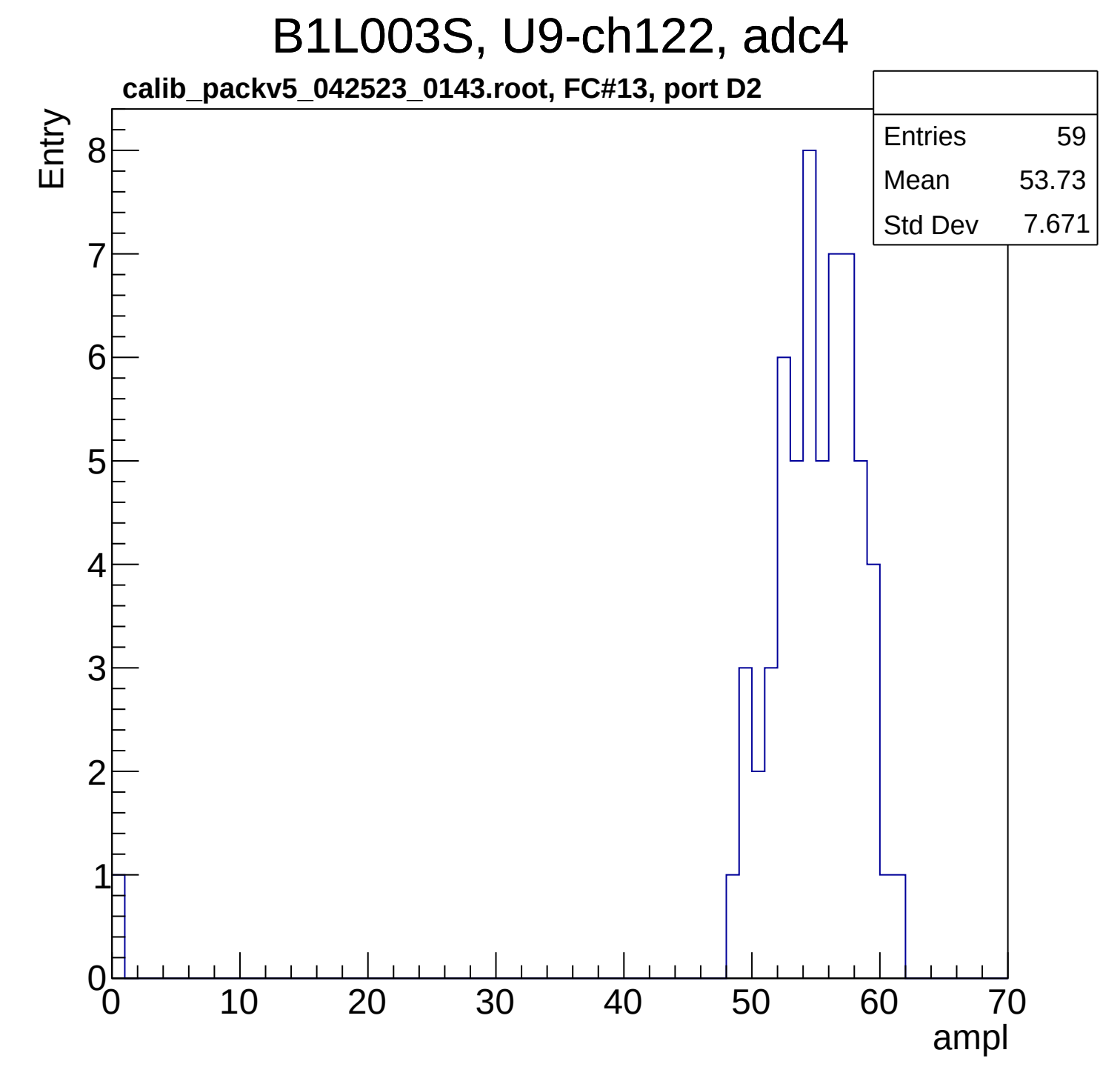
B1L003S, U9-ch122, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 53.73
Std Dev 7.671
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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60
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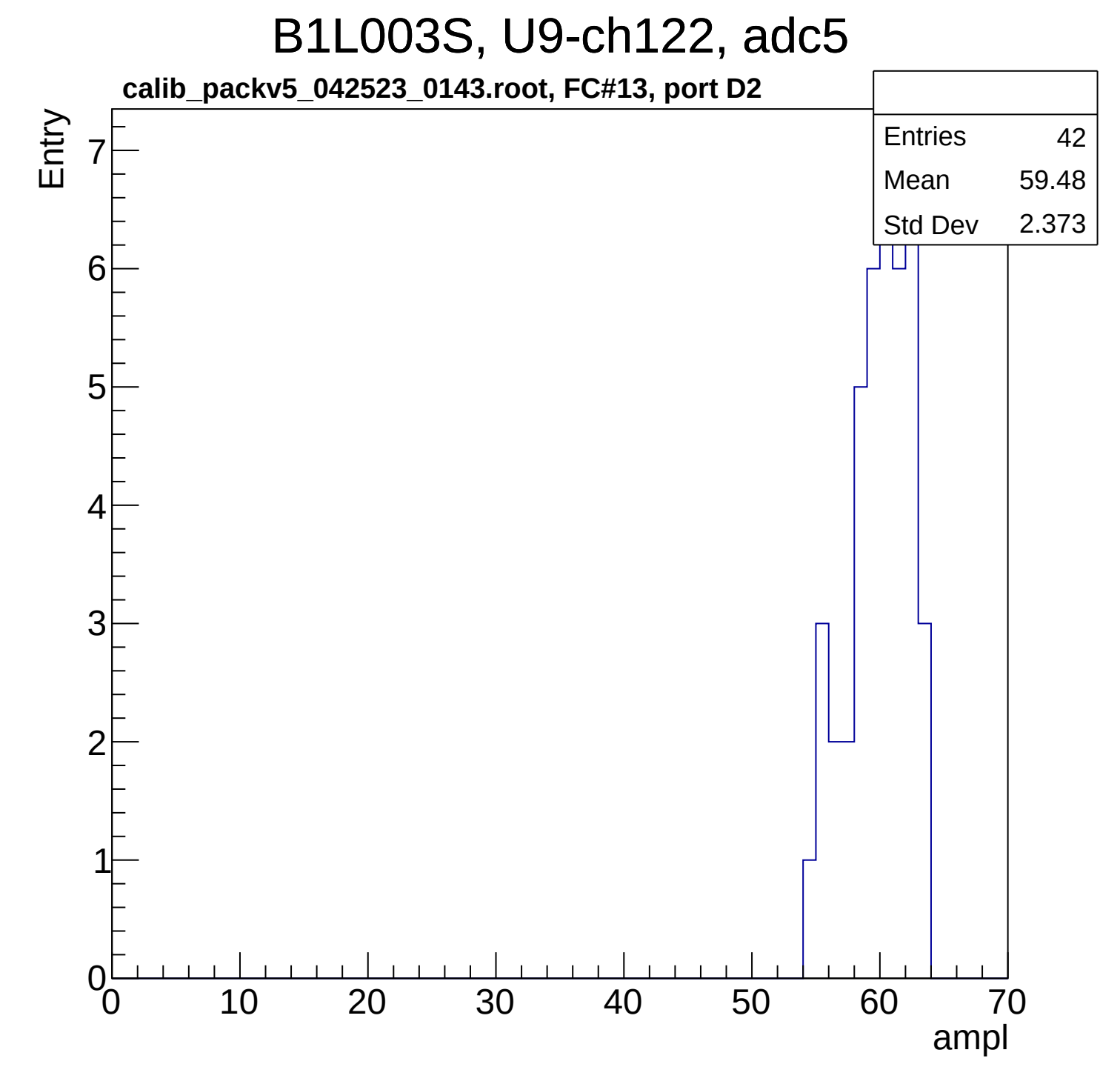
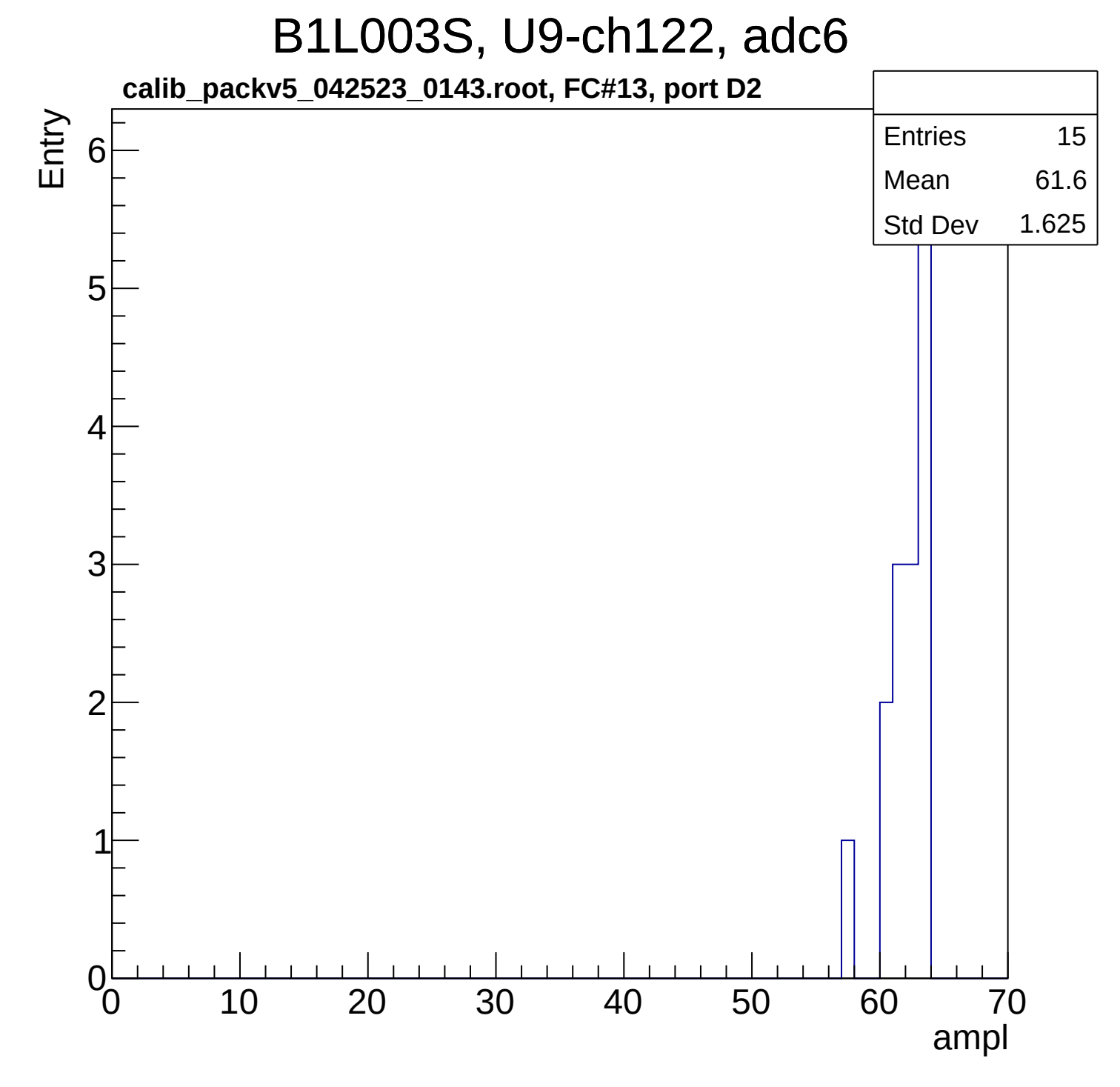

B1L003S, U9-ch122, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 59.48
Std Dev 2.373
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch122, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 15
Mean 61.6
Std Dev 1.625
Entry
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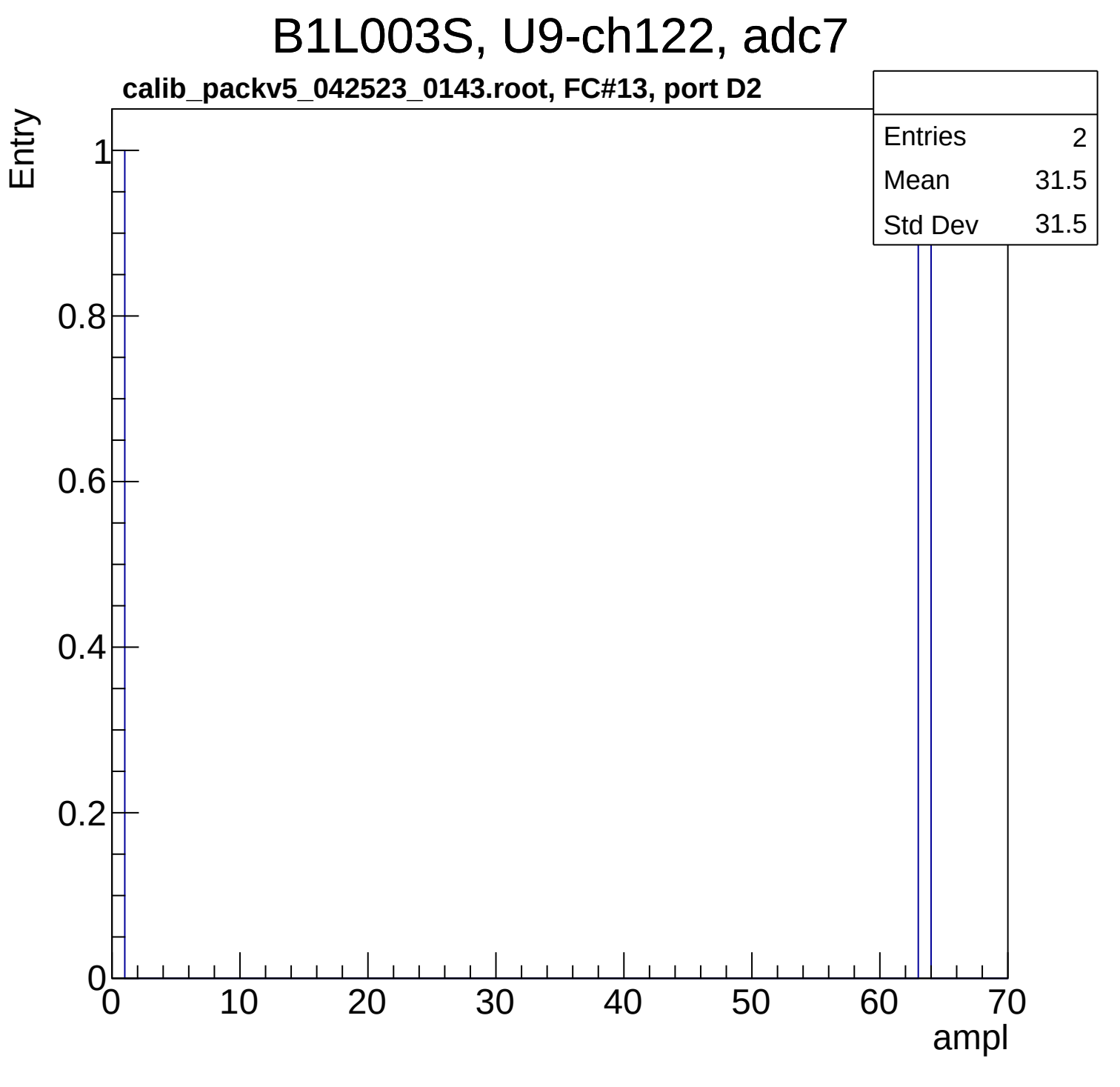
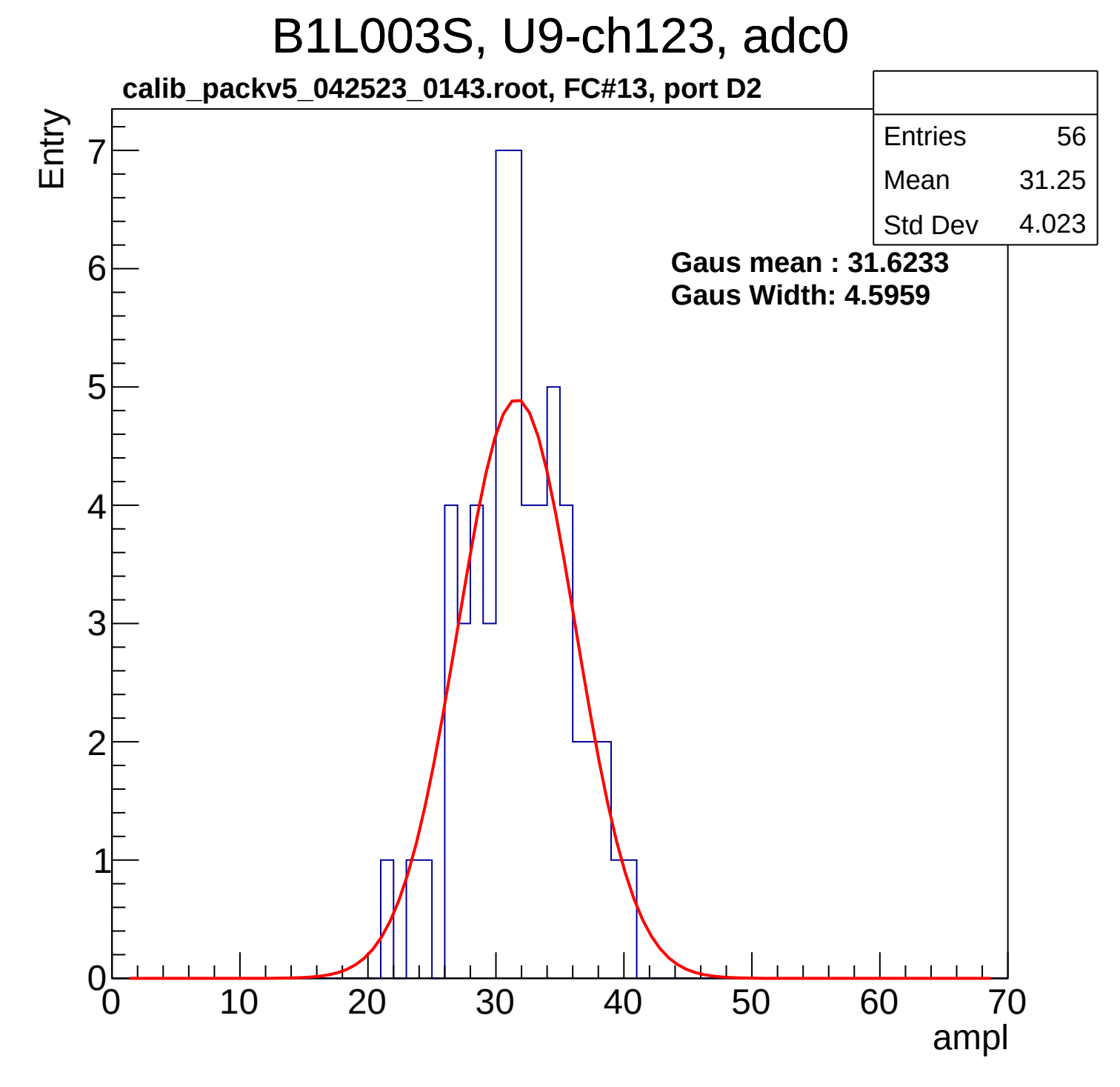
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch122, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch123, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 31.25
Std Dev 4.023
Gaus mean : 31.6233
Gaus Width: 4.5959
Entry
ampl
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1
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3
4
5
6
7
0
10
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60
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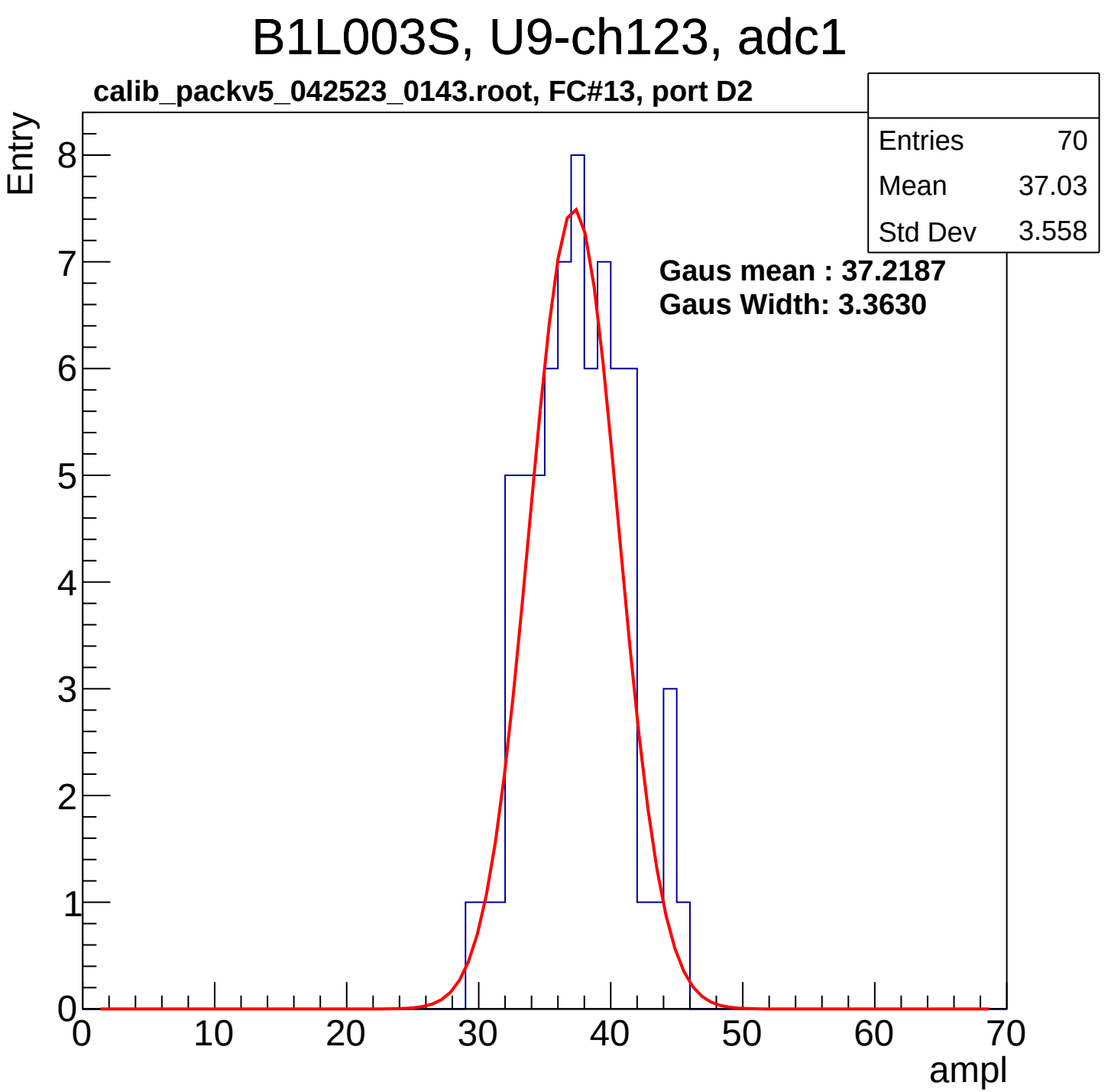
B1L003S, U9-ch123, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 37.03
Std Dev 3.558
Gaus mean : 37.2187
Gaus Width: 3.3630
Entry
ampl
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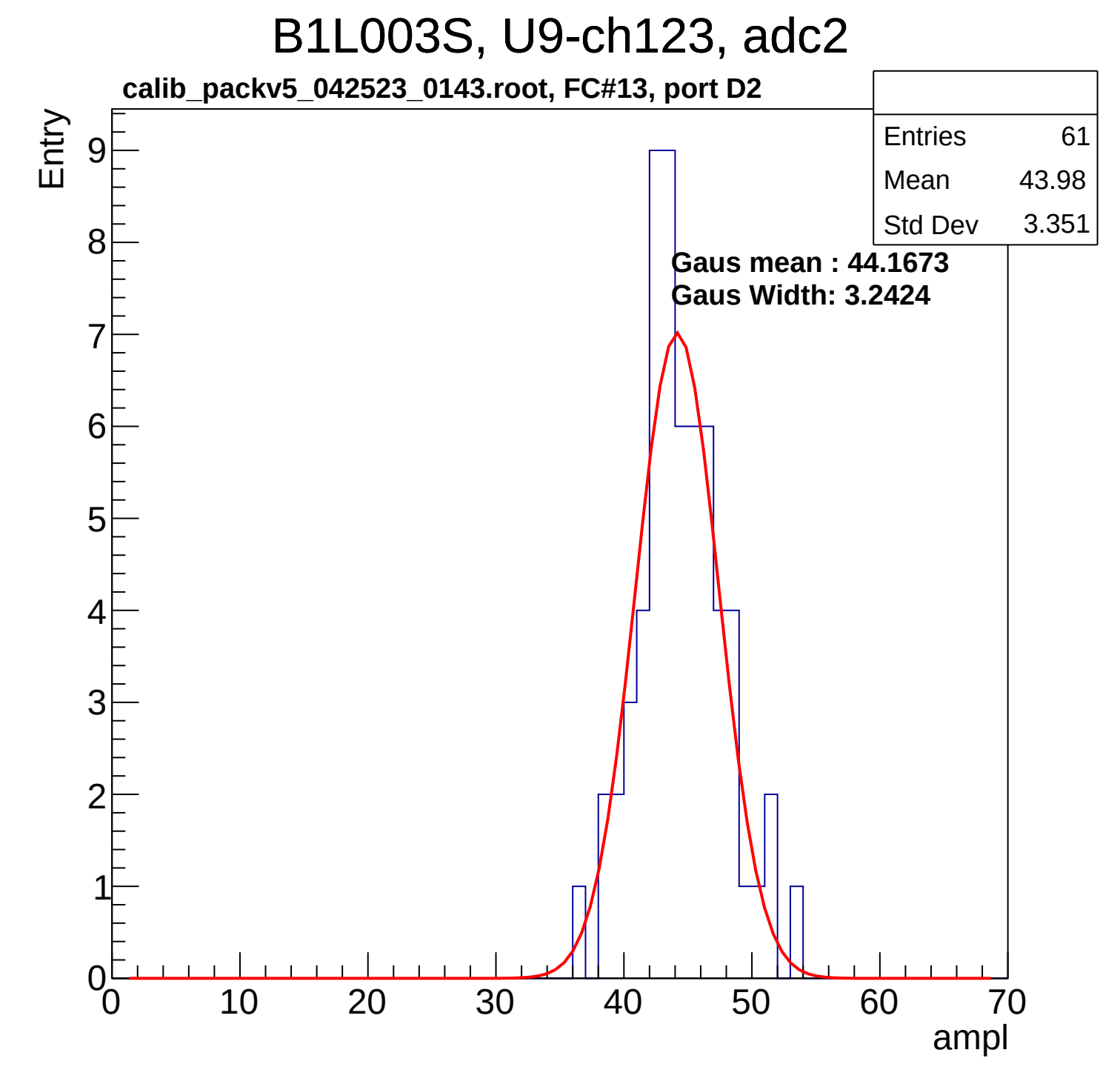
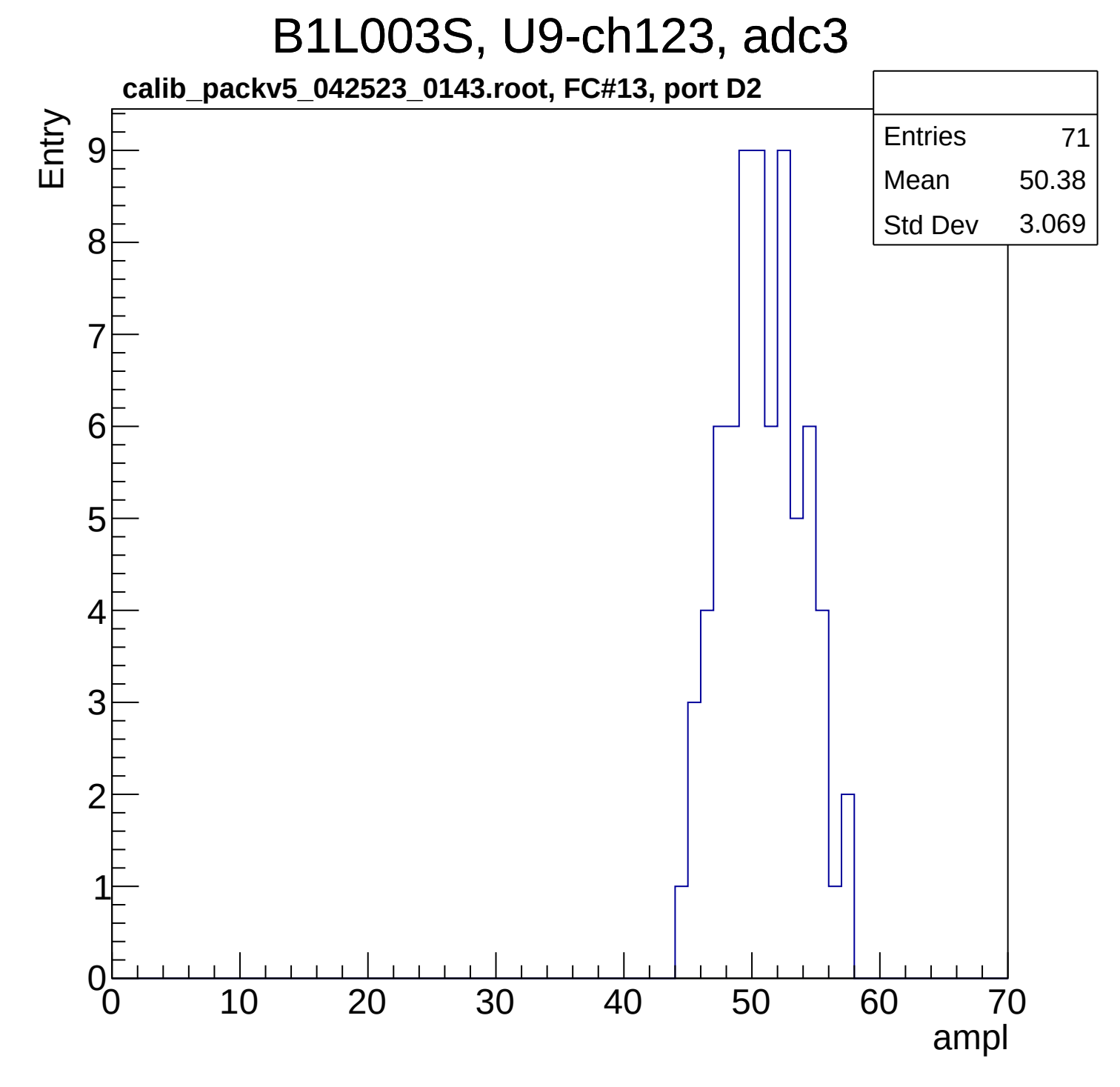
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch123, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 43.98
Std Dev 3.351
Gaus mean : 44.1673
Gaus Width: 3.2424
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch123, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 50.38
Std Dev 3.069
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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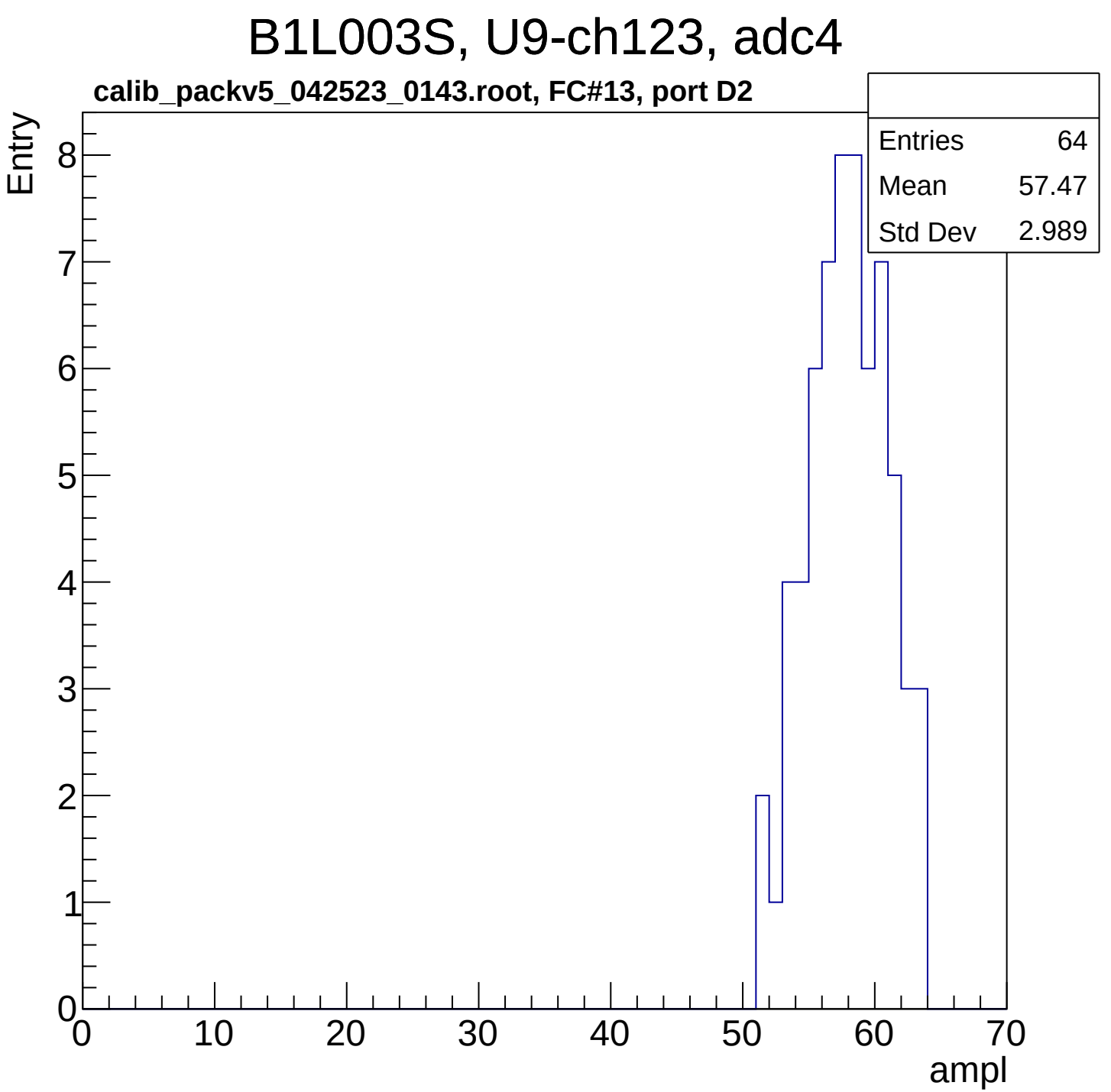
B1L003S, U9-ch123, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 57.47
Std Dev 2.989
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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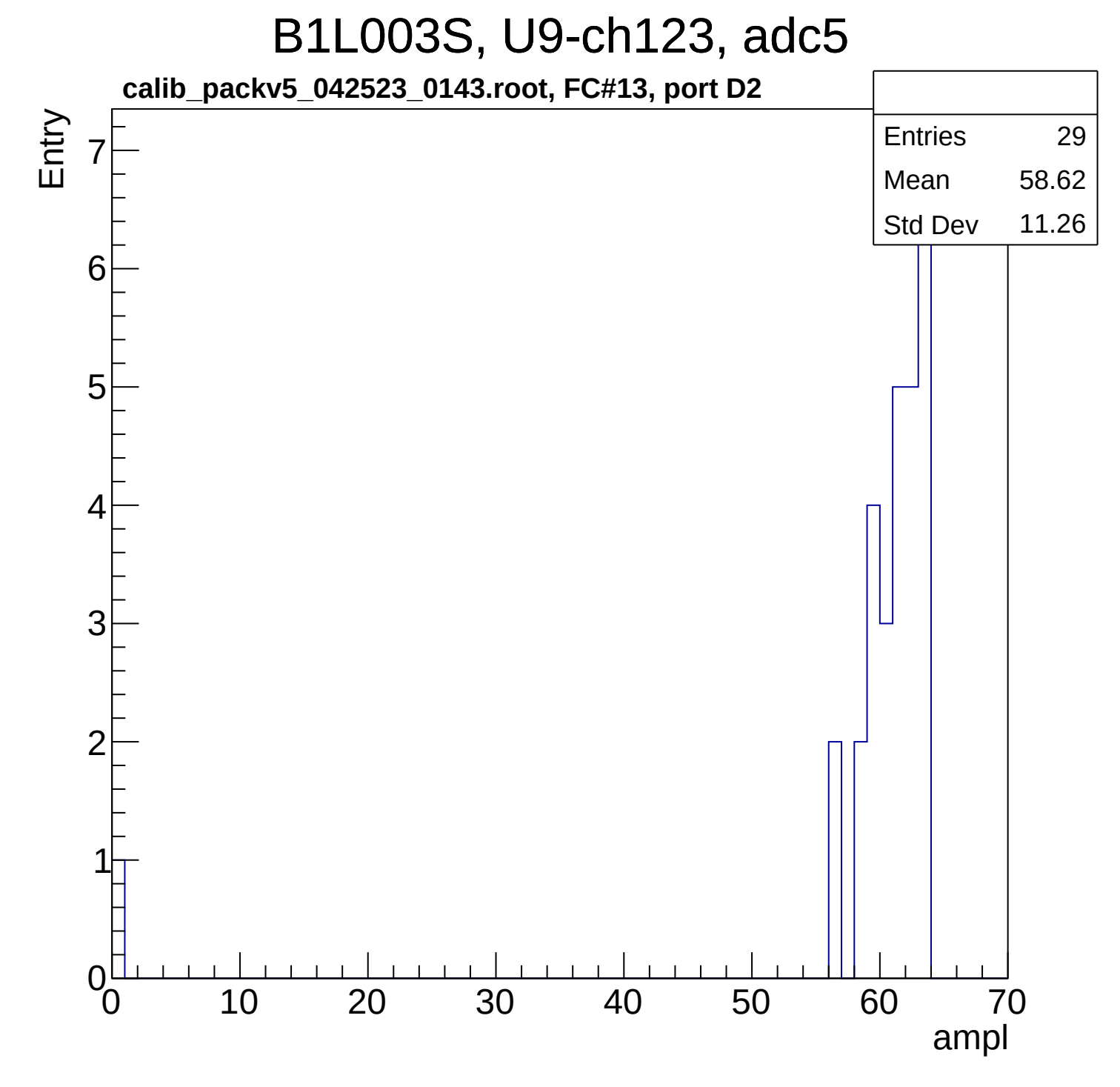
B1L003S, U9-ch123, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 29
Mean 58.62
Std Dev 11.26
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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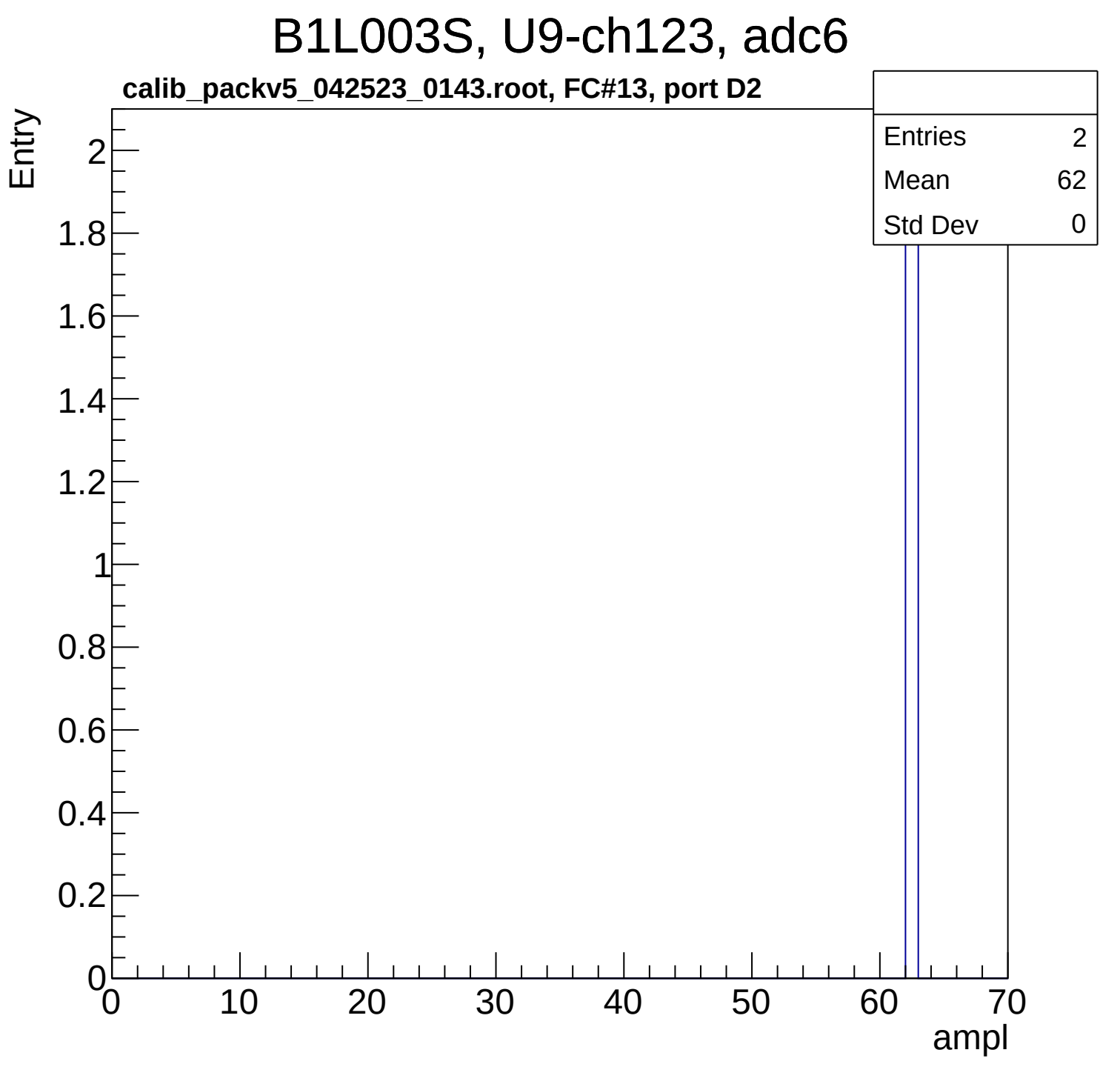
B1L003S, U9-ch123, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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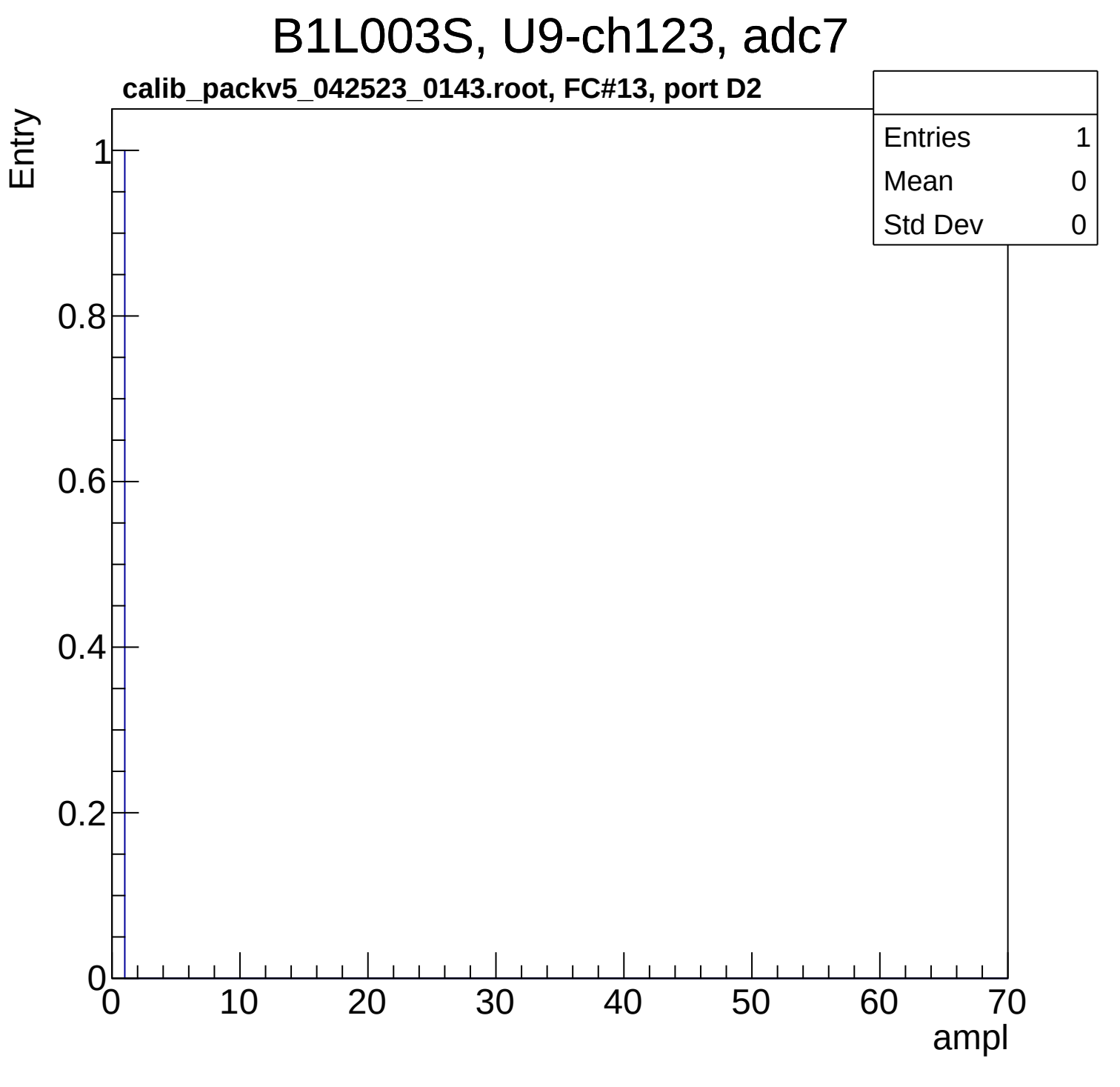
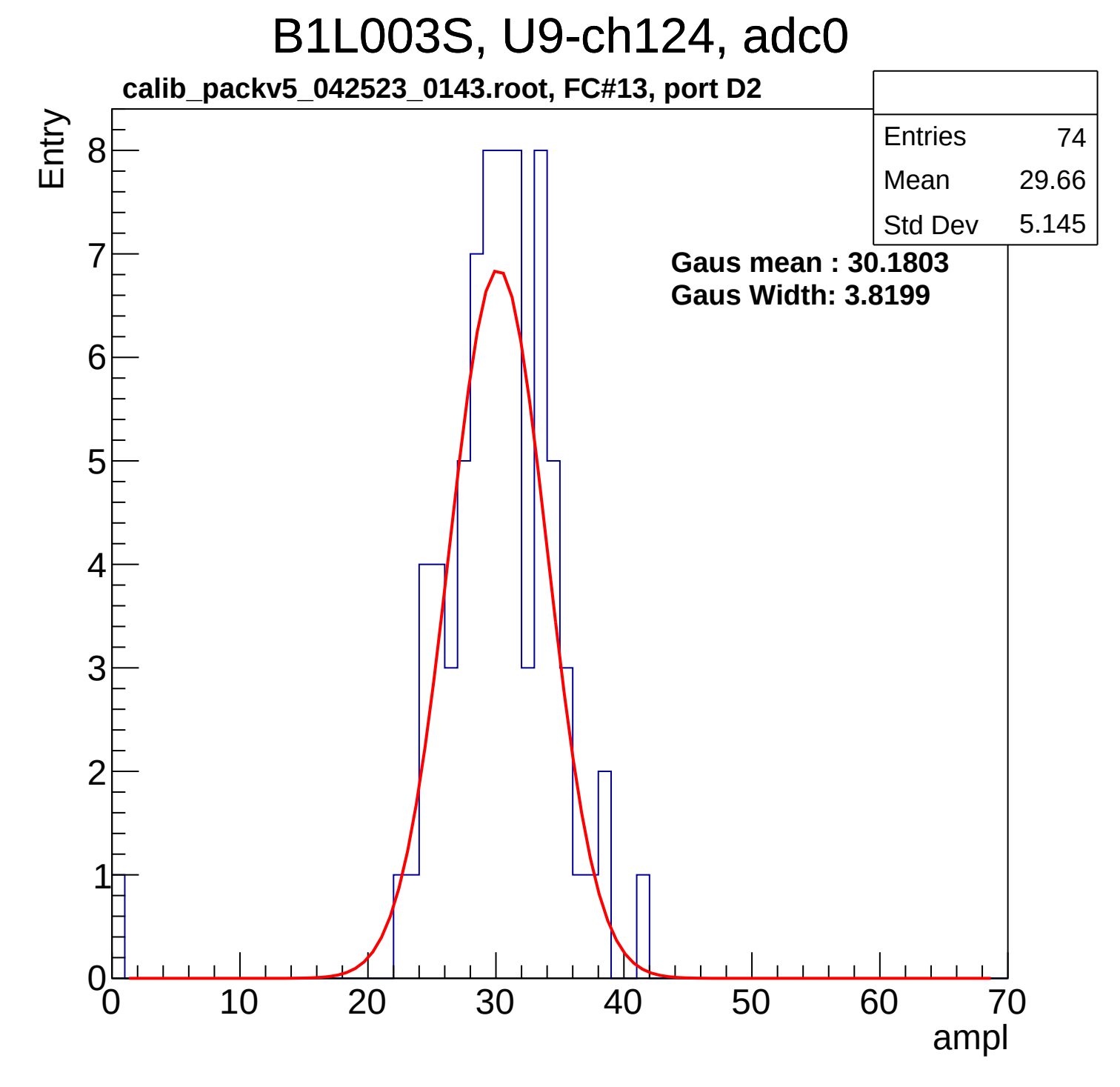
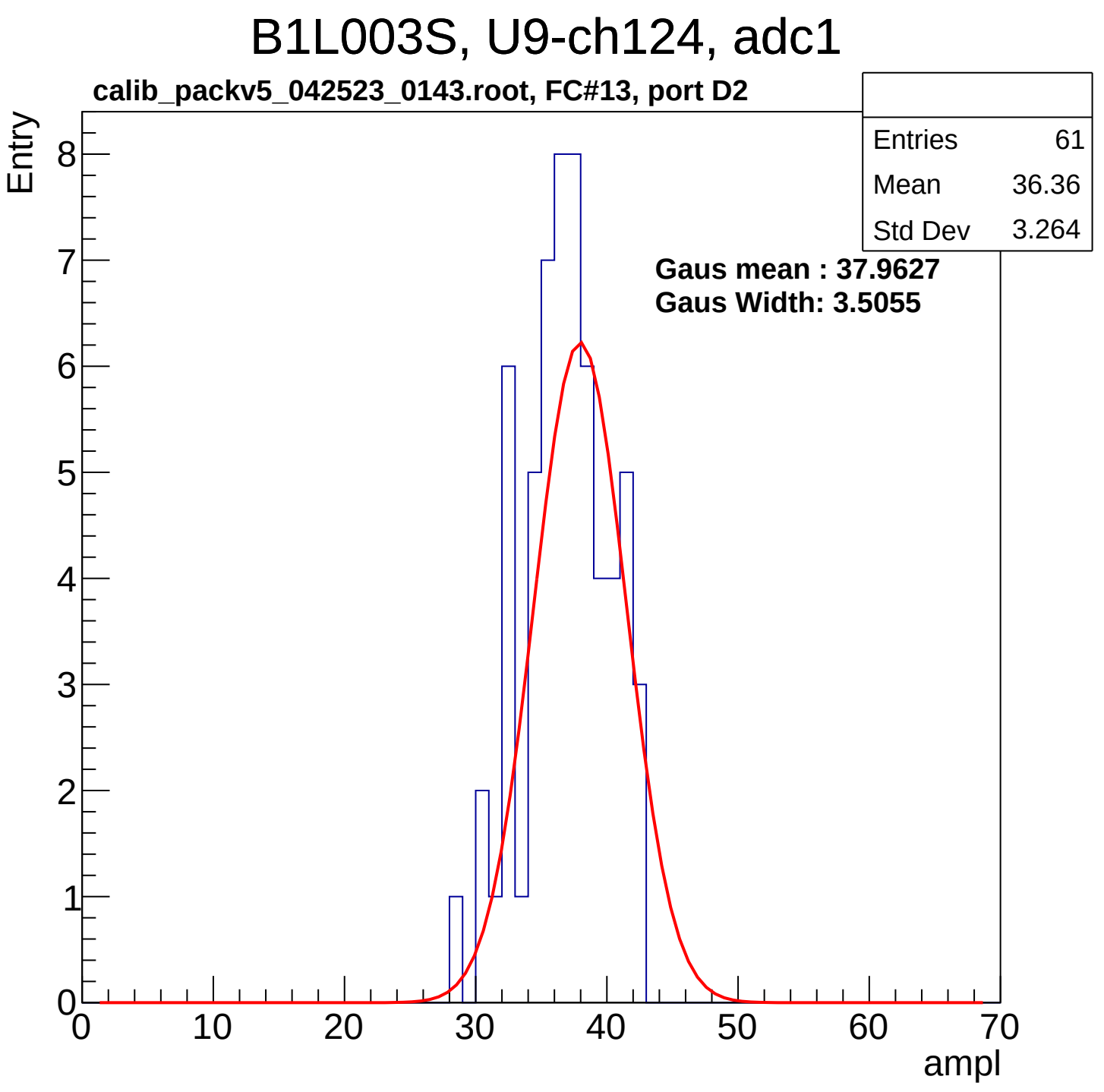
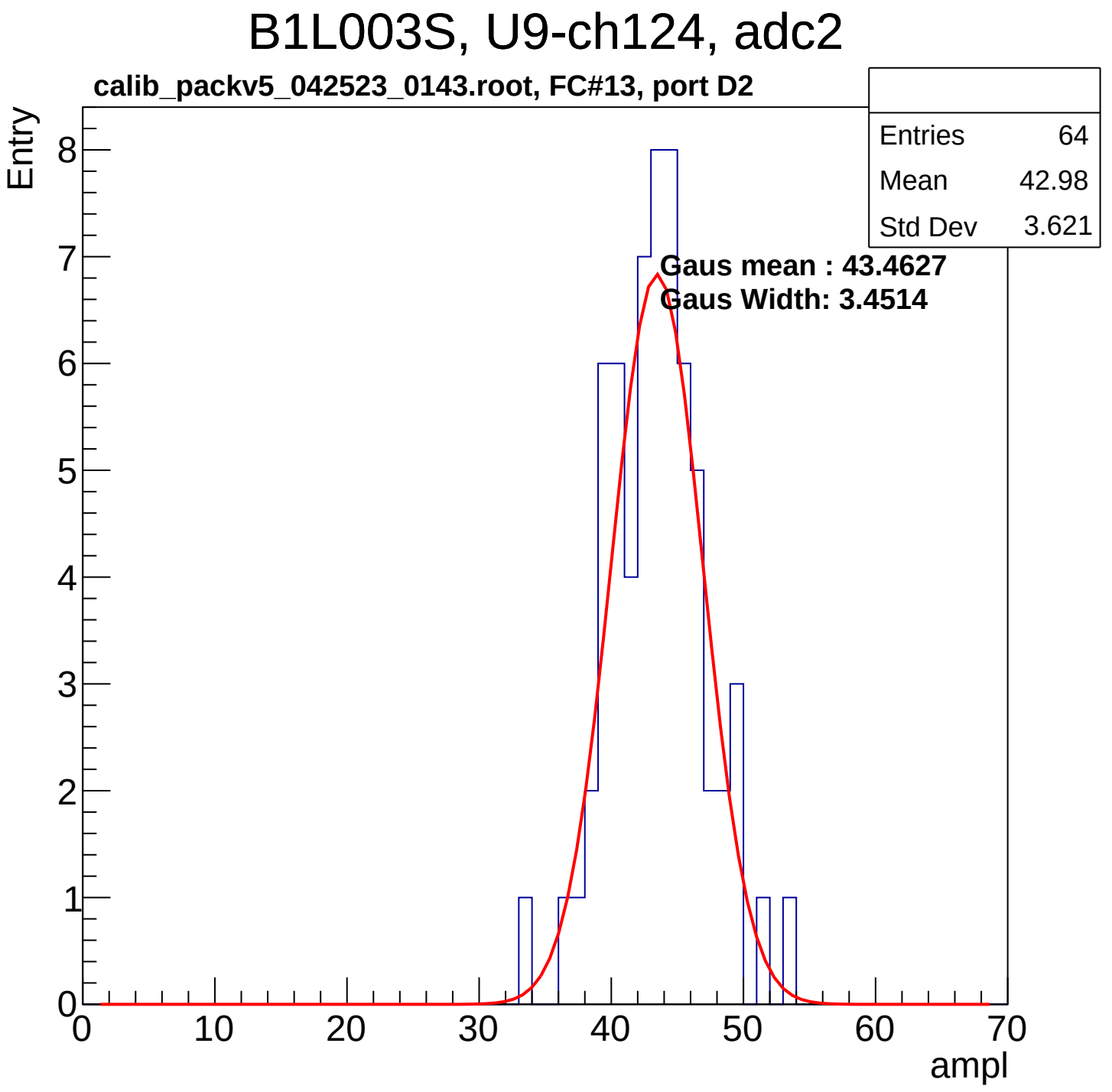

B1L003S, U9-ch123, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch124, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 29.66
Std Dev 5.145
Gaus mean : 30.1803
Gaus Width: 3.8199
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch124, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.36
Std Dev 3.264
Gaus mean : 37.9627
Gaus Width: 3.5055
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch124, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 42.98
Std Dev 3.621
Gaus mean : 43.4627
Gaus Width: 3.4514
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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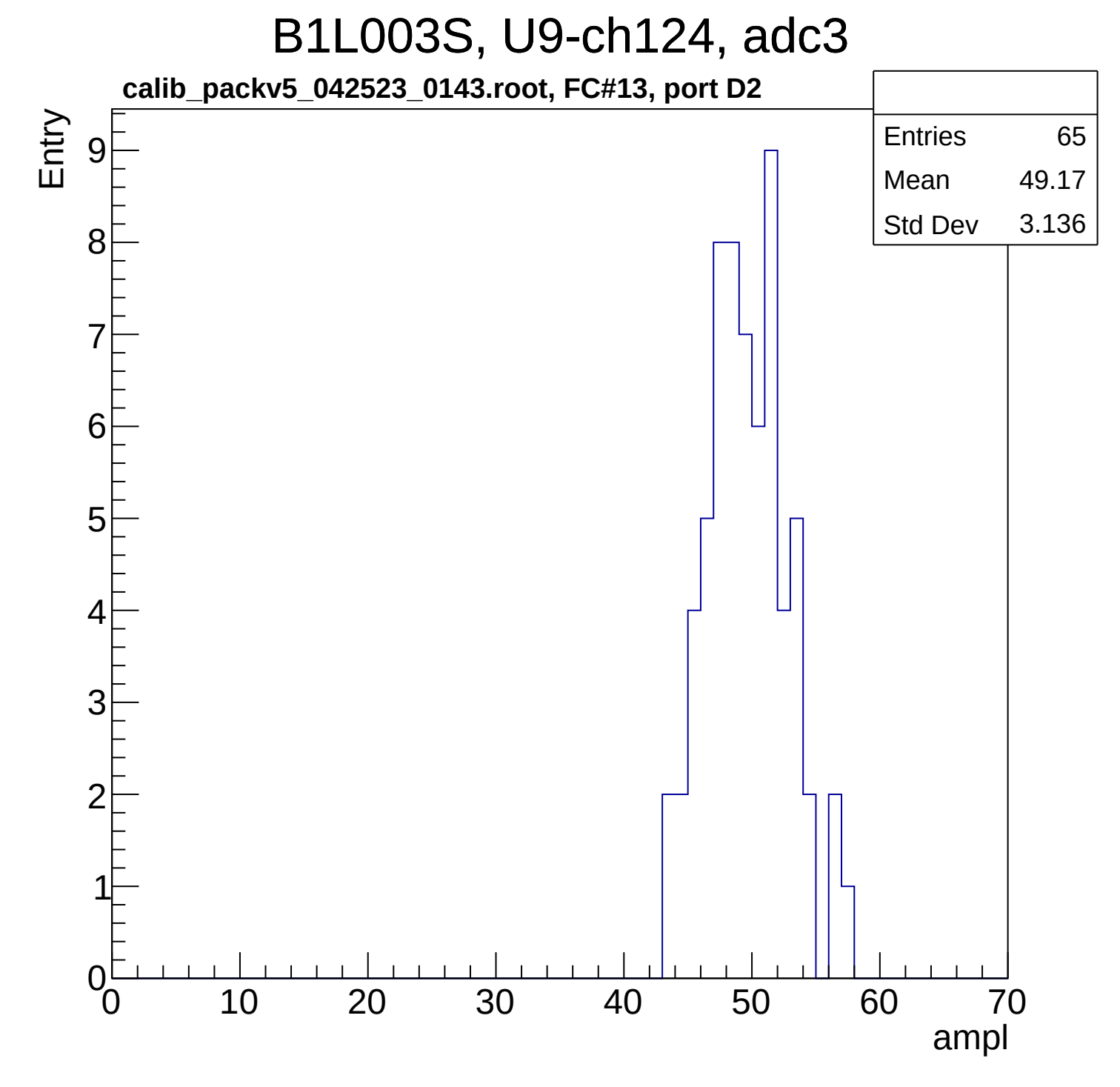
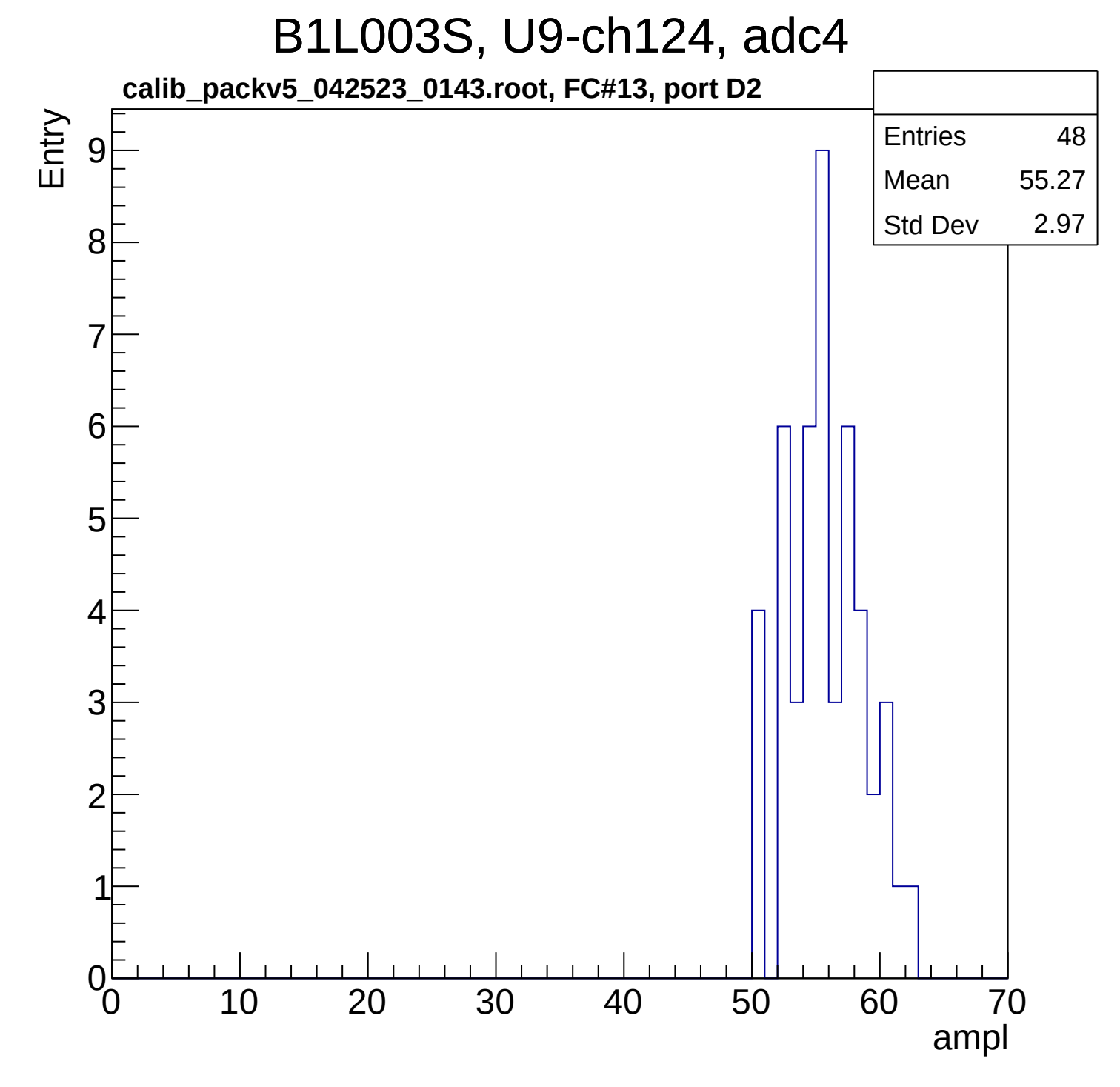

B1L003S, U9-ch124, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 49.17
Std Dev 3.136
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch124, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 55.27
Std Dev 2.97
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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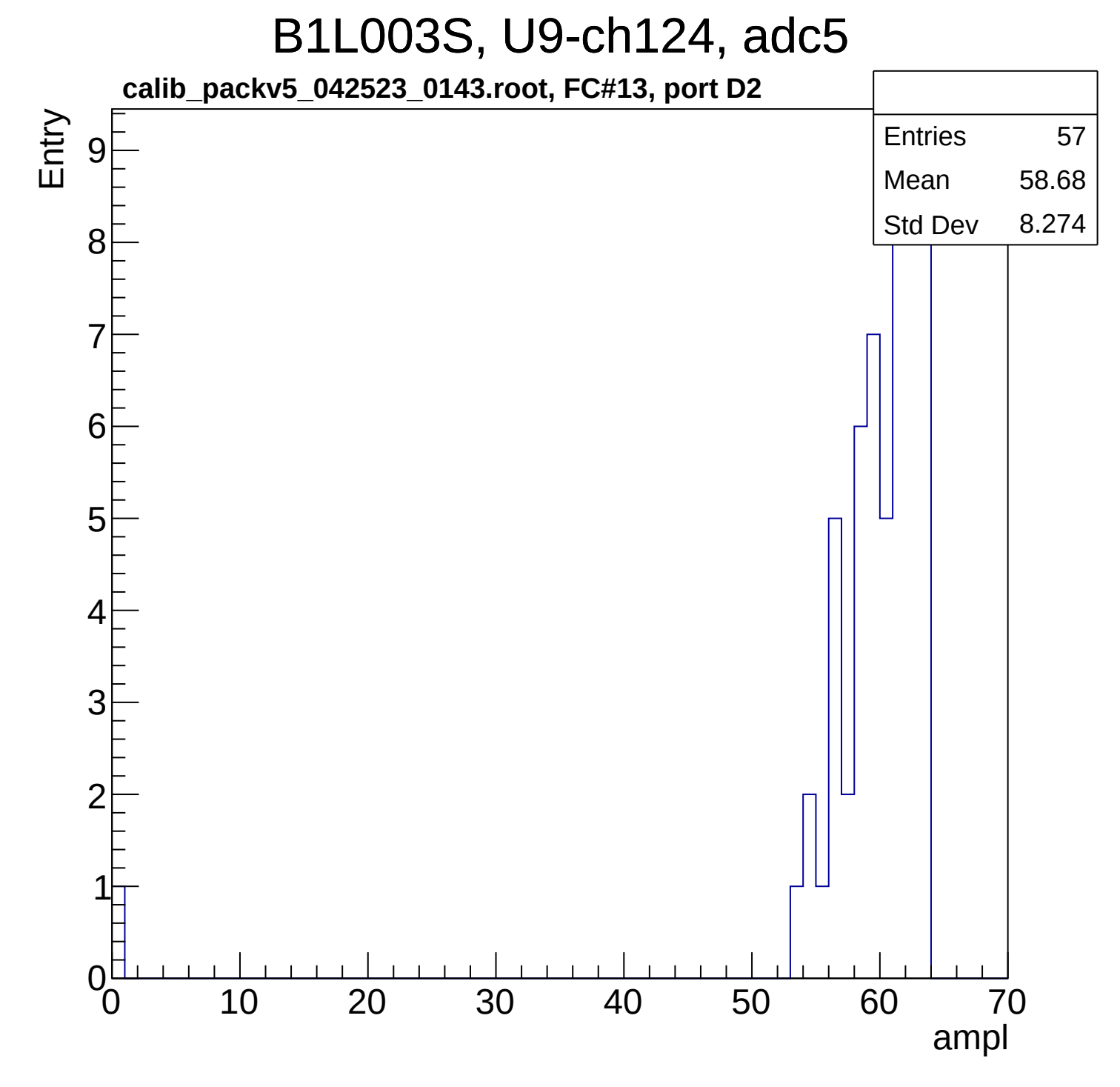
B1L003S, U9-ch124, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 58.68
Std Dev 8.274
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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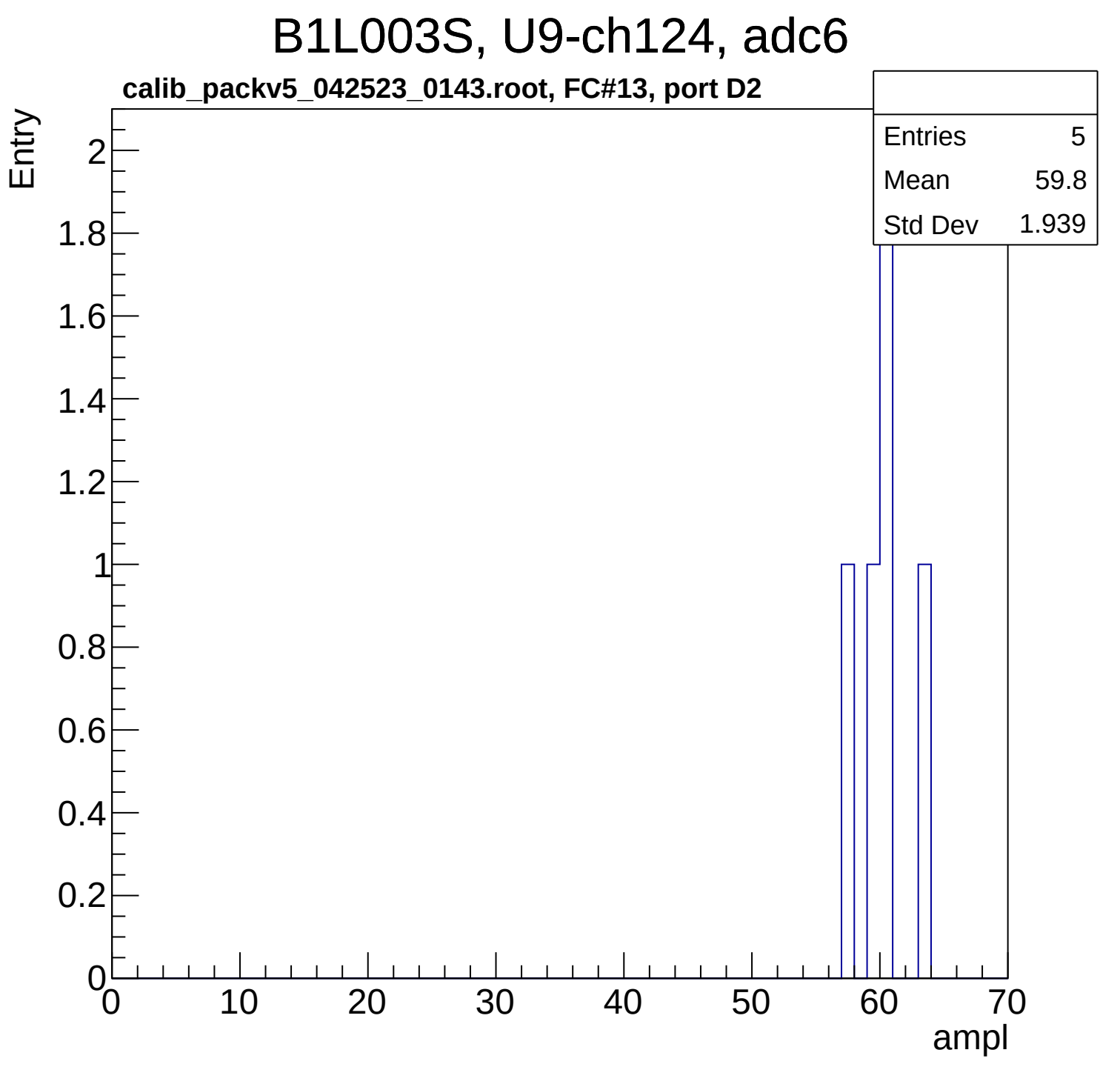
B1L003S, U9-ch124, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 59.8
Std Dev 1.939
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
30
40
50
60
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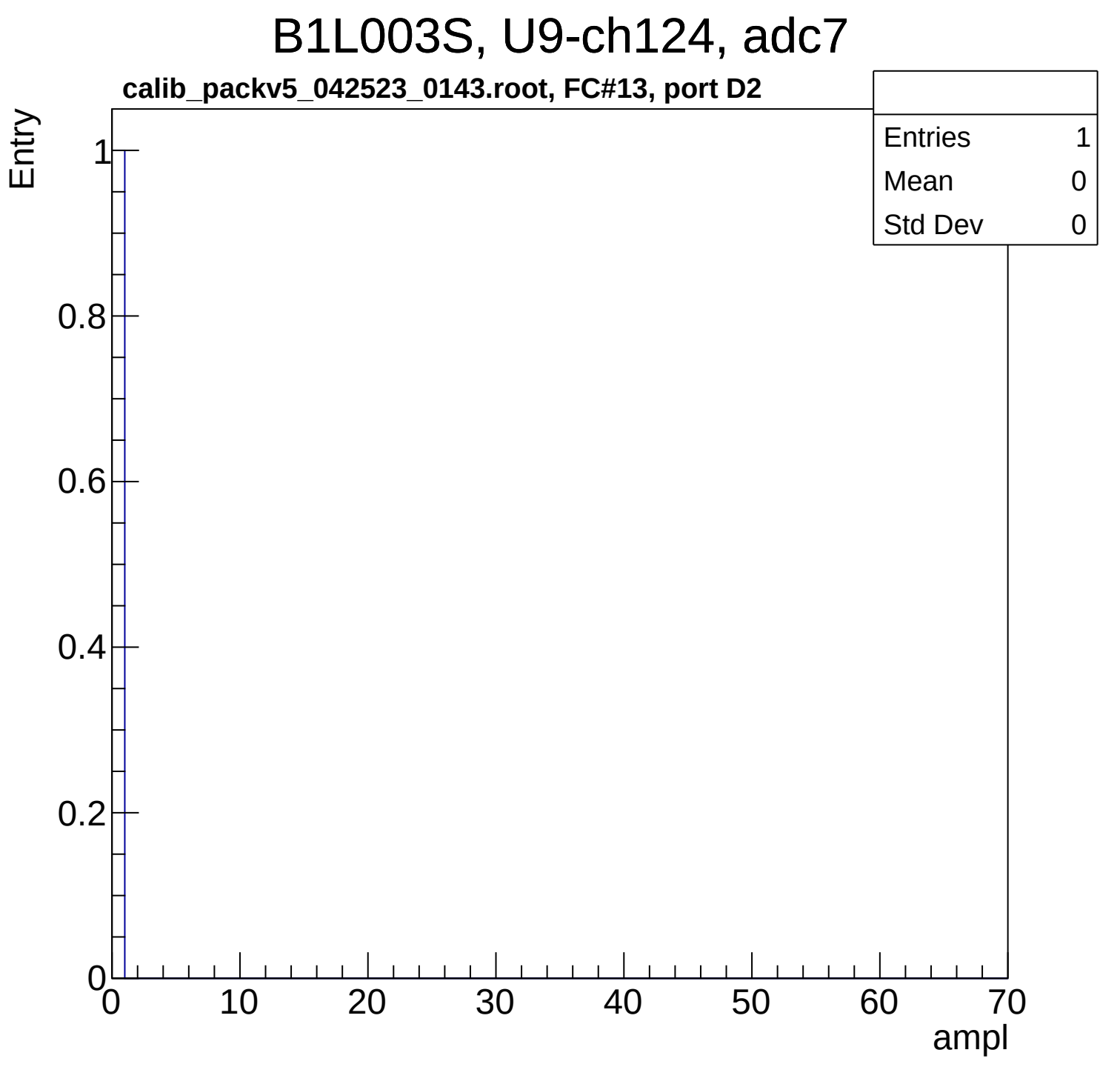
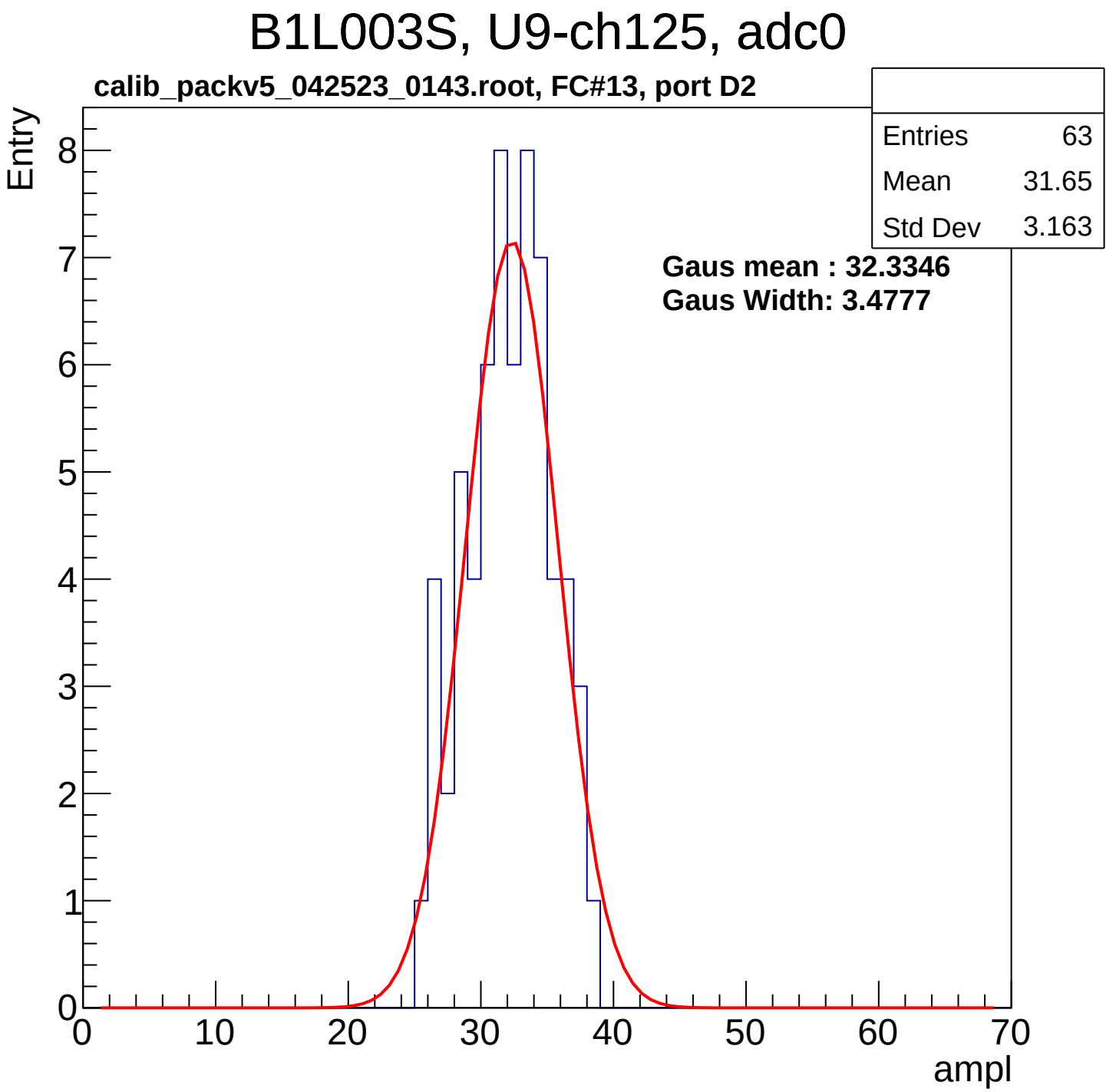

B1L003S, U9-ch124, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch125, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 31.65
Std Dev 3.163
Gaus mean : 32.3346
Gaus Width: 3.4777
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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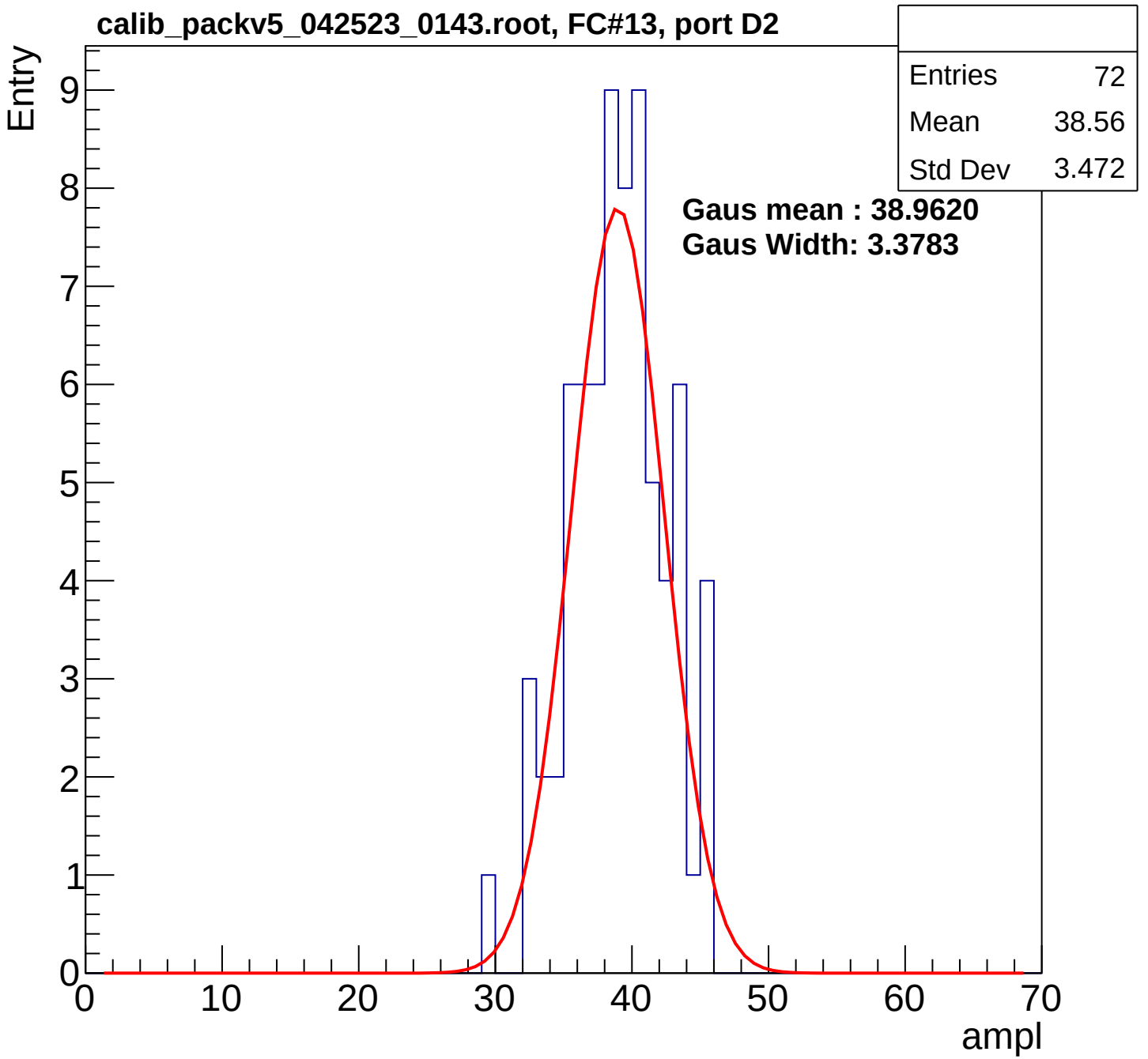
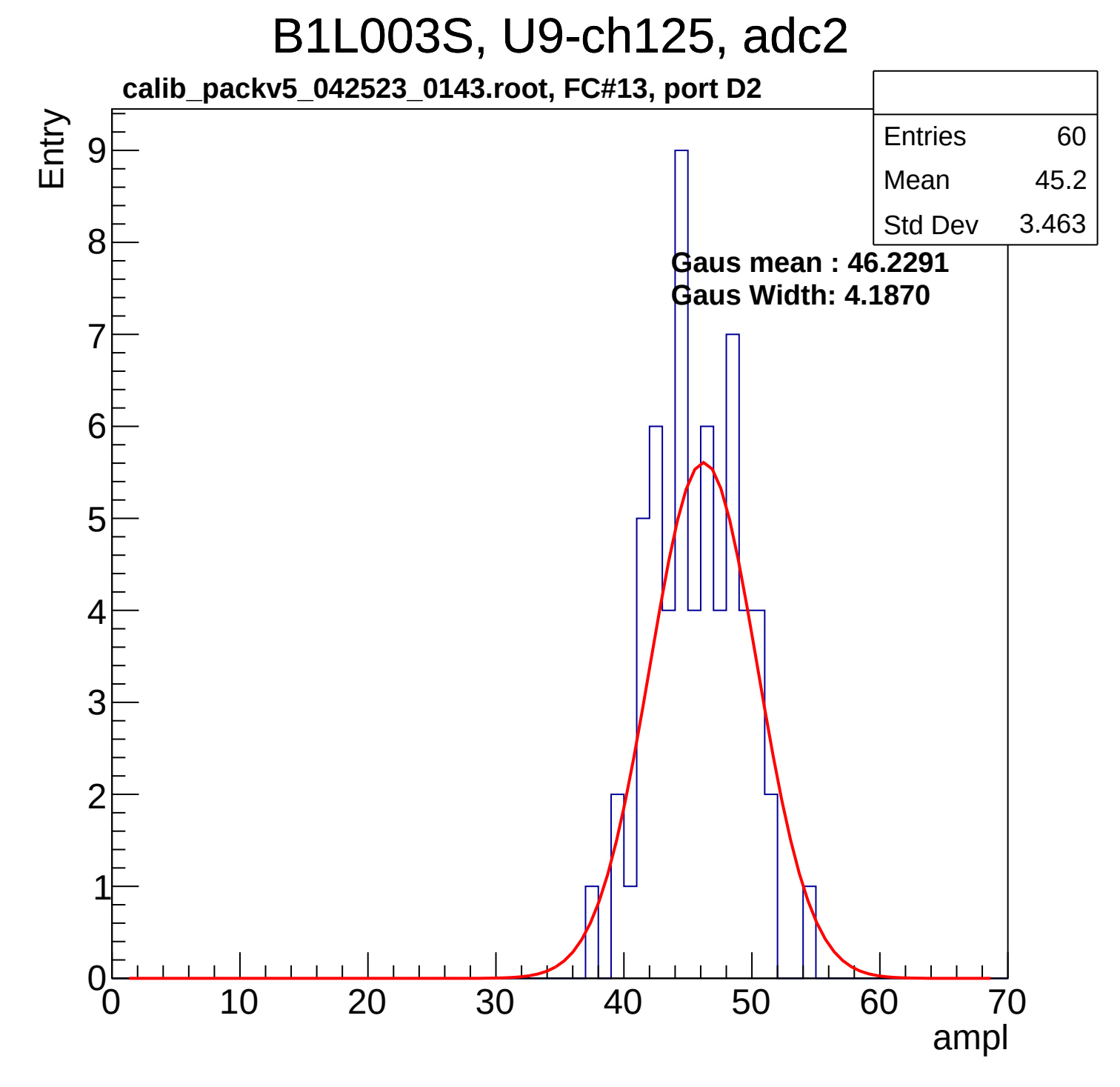

B1L003S, U9-ch125, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 38.56
Std Dev 3.472
Gaus mean : 38.9620
Gaus Width: 3.3783
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch125, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 45.2
Std Dev 3.463
Gaus mean : 46.2291
Gaus Width: 4.1870
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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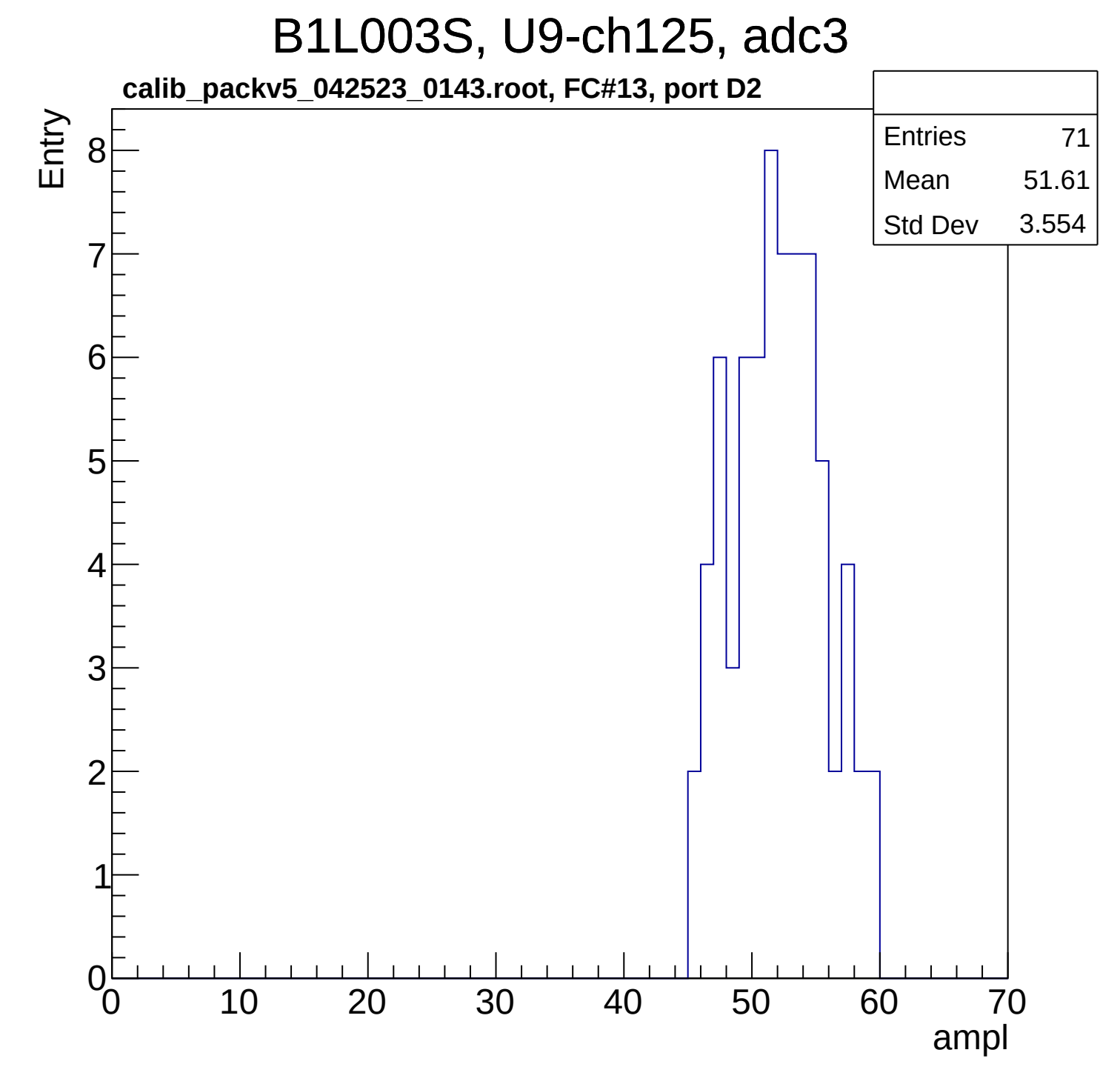
B1L003S, U9-ch125, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 51.61
Std Dev 3.554
Entry
ampl
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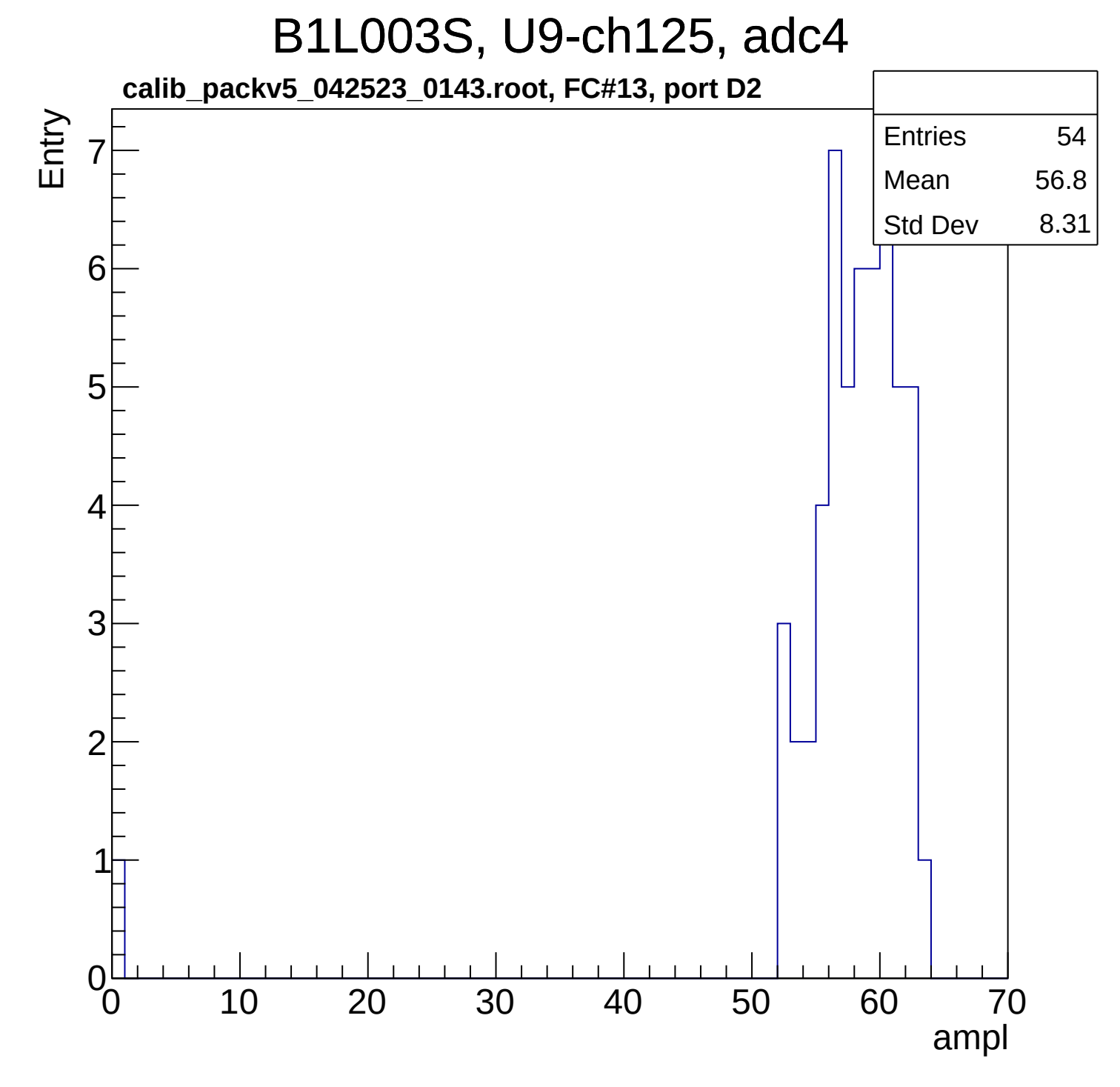
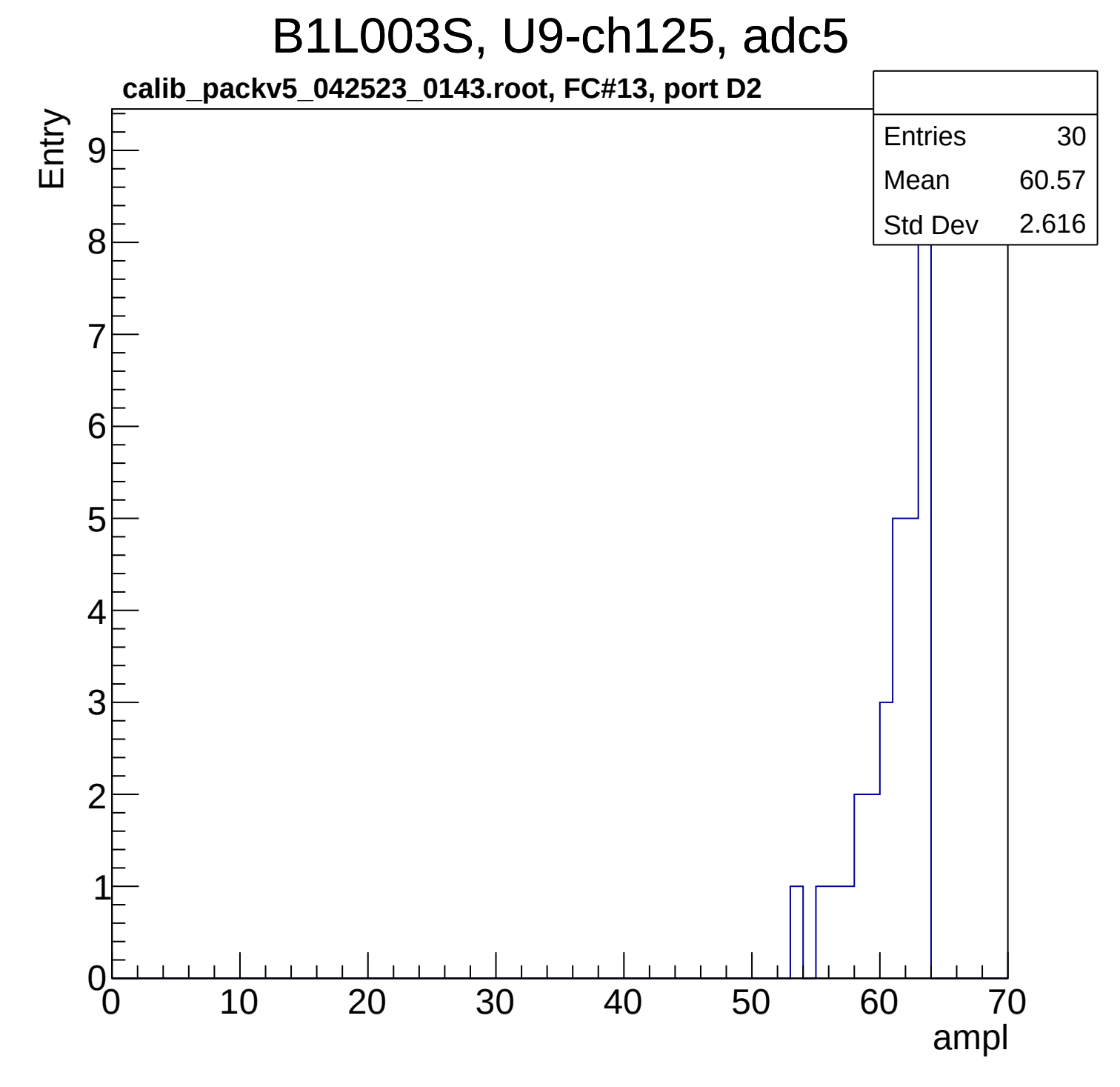
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch125, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 56.8
Std Dev 8.31
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U9-ch125, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 30
Mean 60.57
Std Dev 2.616
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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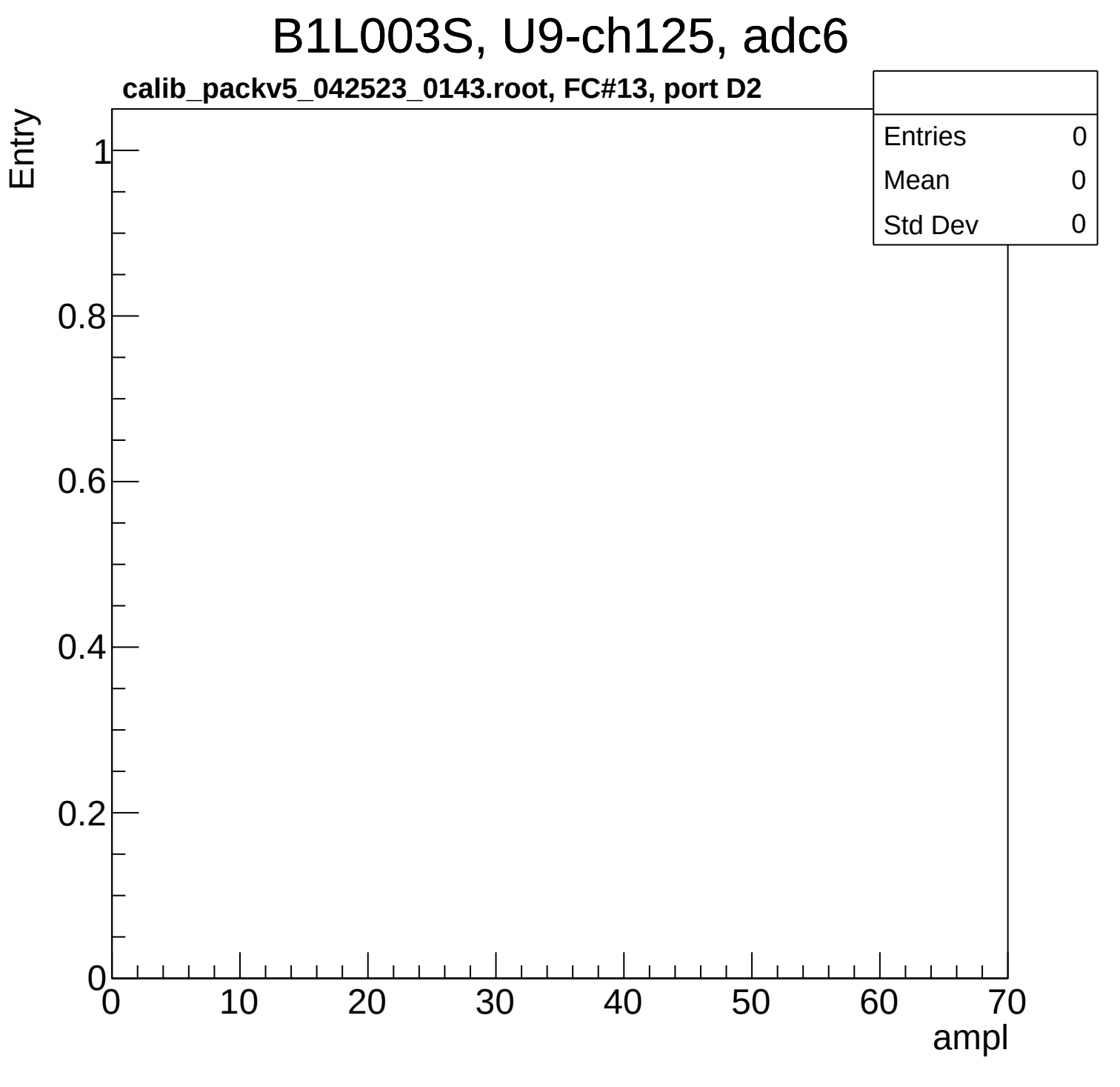
B1L003S, U9-ch125, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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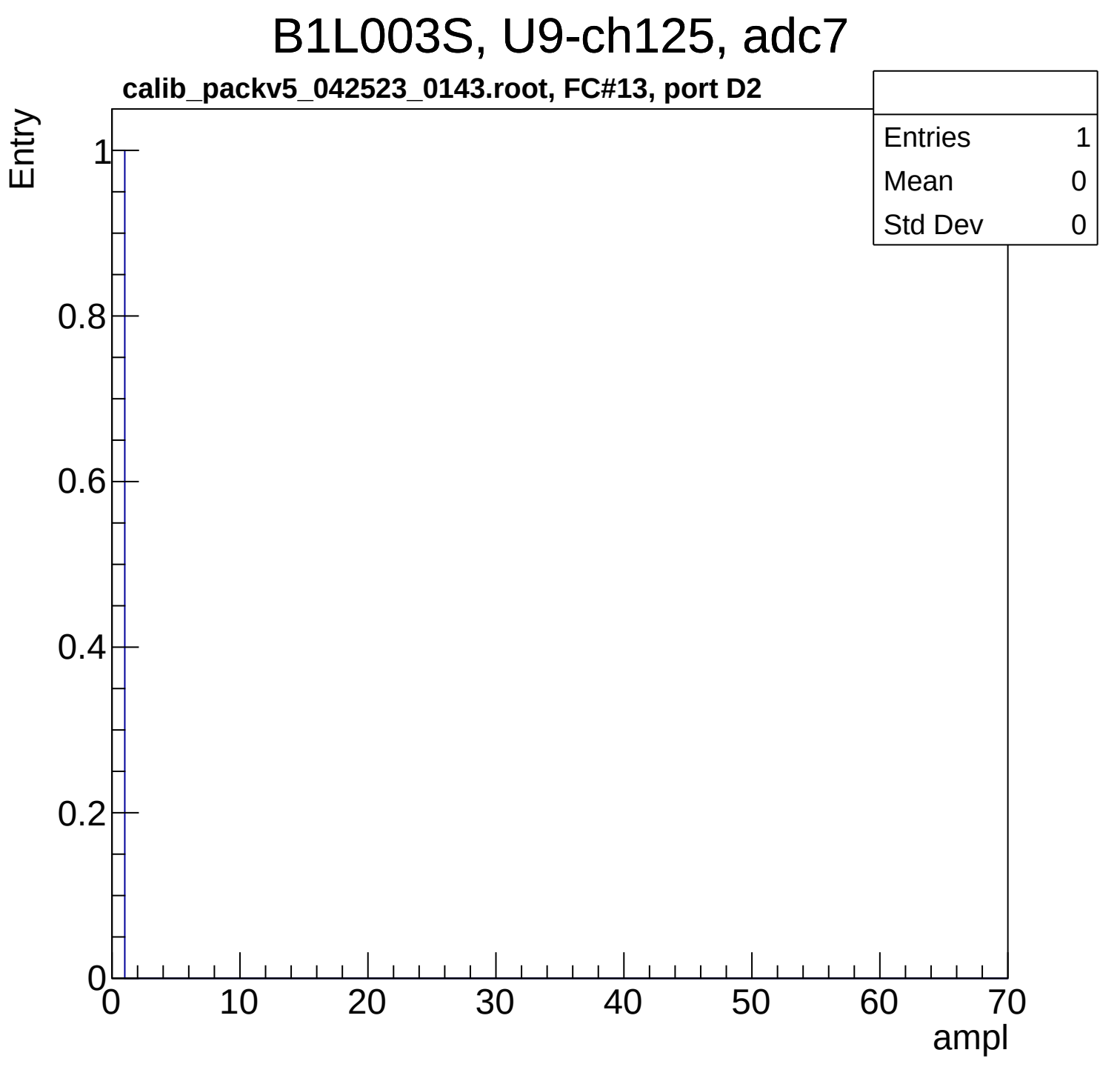
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch125, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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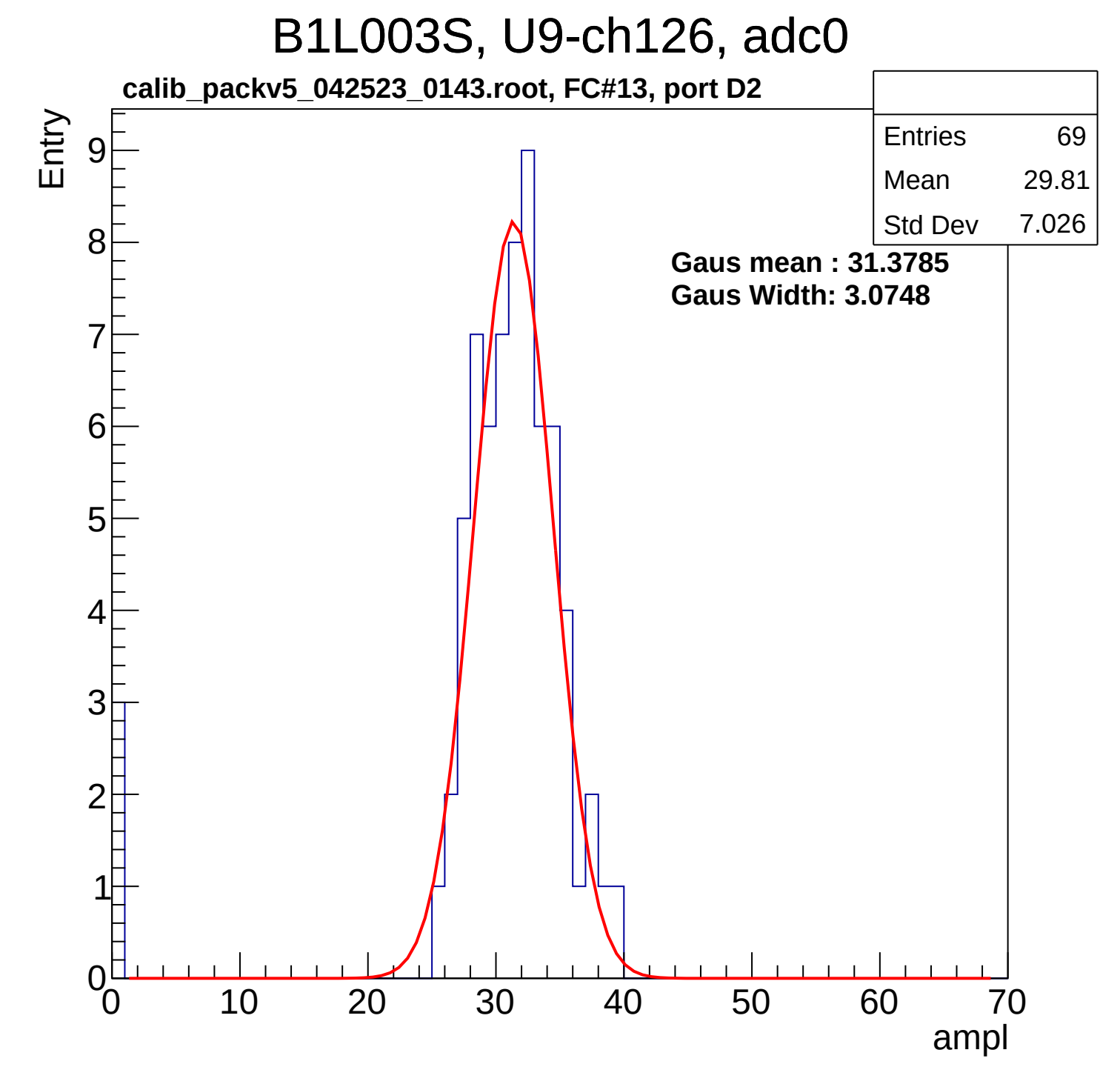
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch126, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 29.81
Std Dev 7.026
Gaus mean : 31.3785
Gaus Width: 3.0748
Entry
ampl
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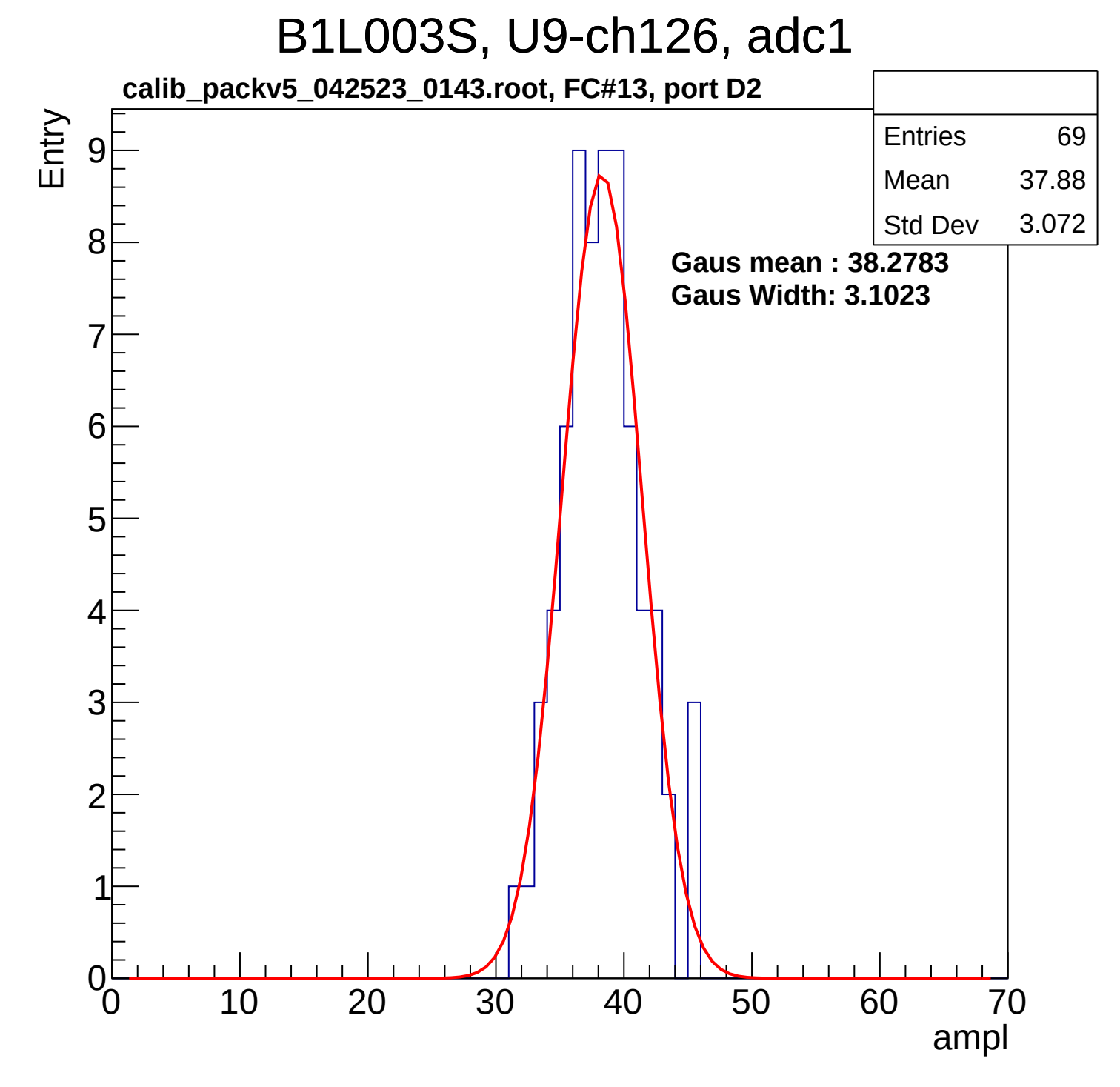
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch126, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 37.88
Std Dev 3.072
Gaus mean : 38.2783
Gaus Width: 3.1023
Entry
ampl
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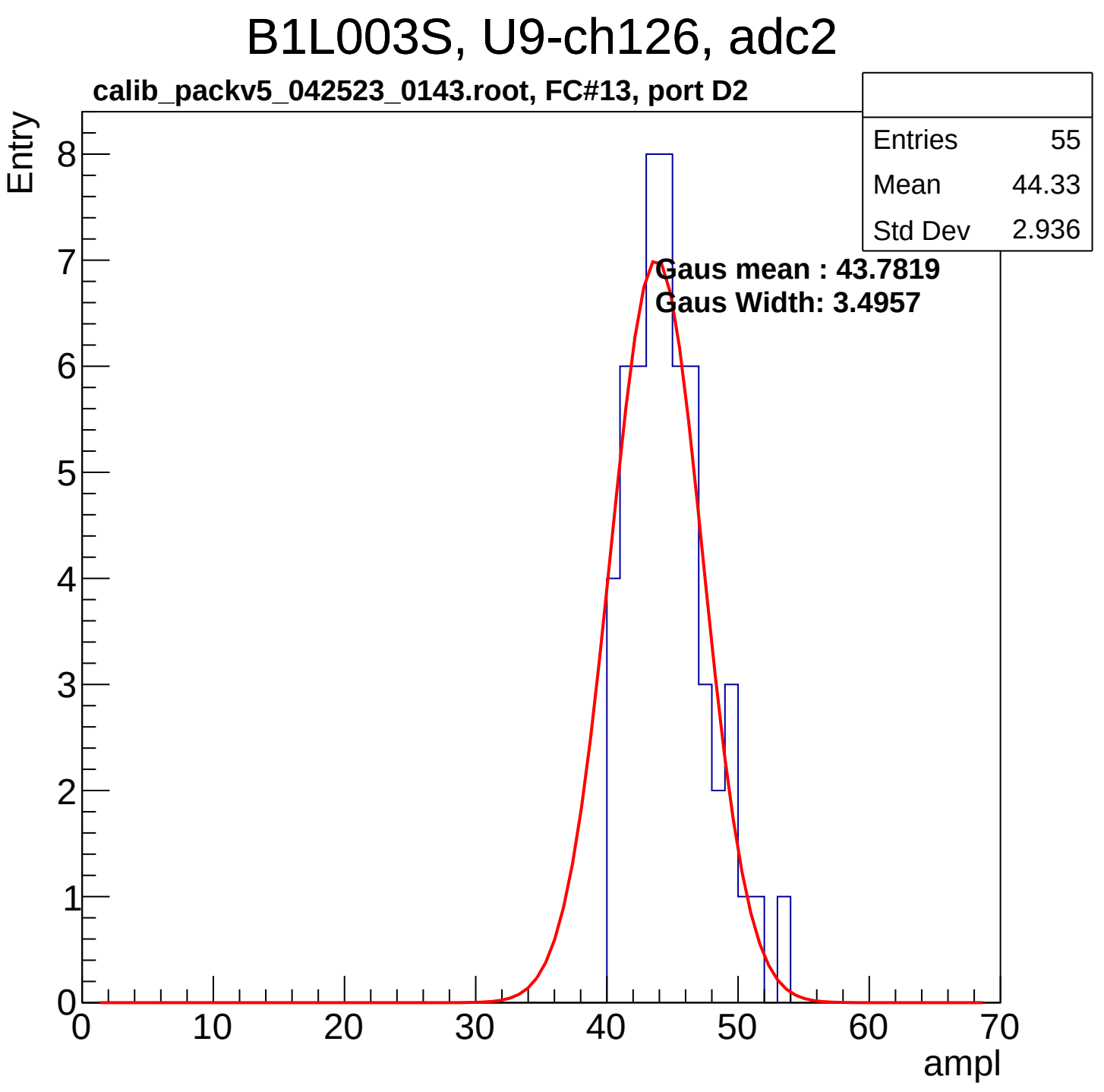
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch126, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 44.33
Std Dev 2.936
Gaus mean : 43.7819
Gaus Width: 3.4957
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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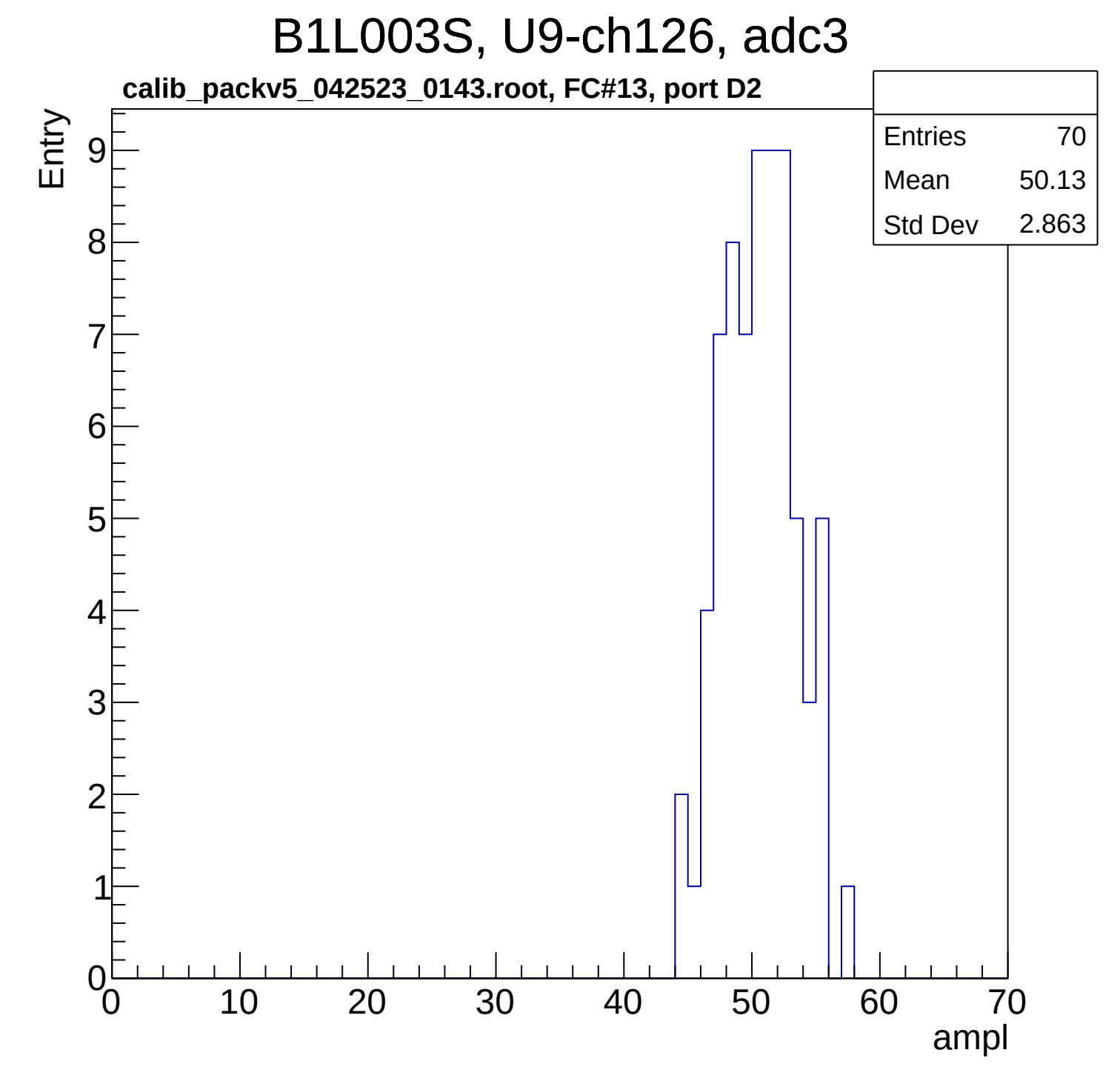
B1L003S, U9-ch126, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 50.13
Std Dev 2.863
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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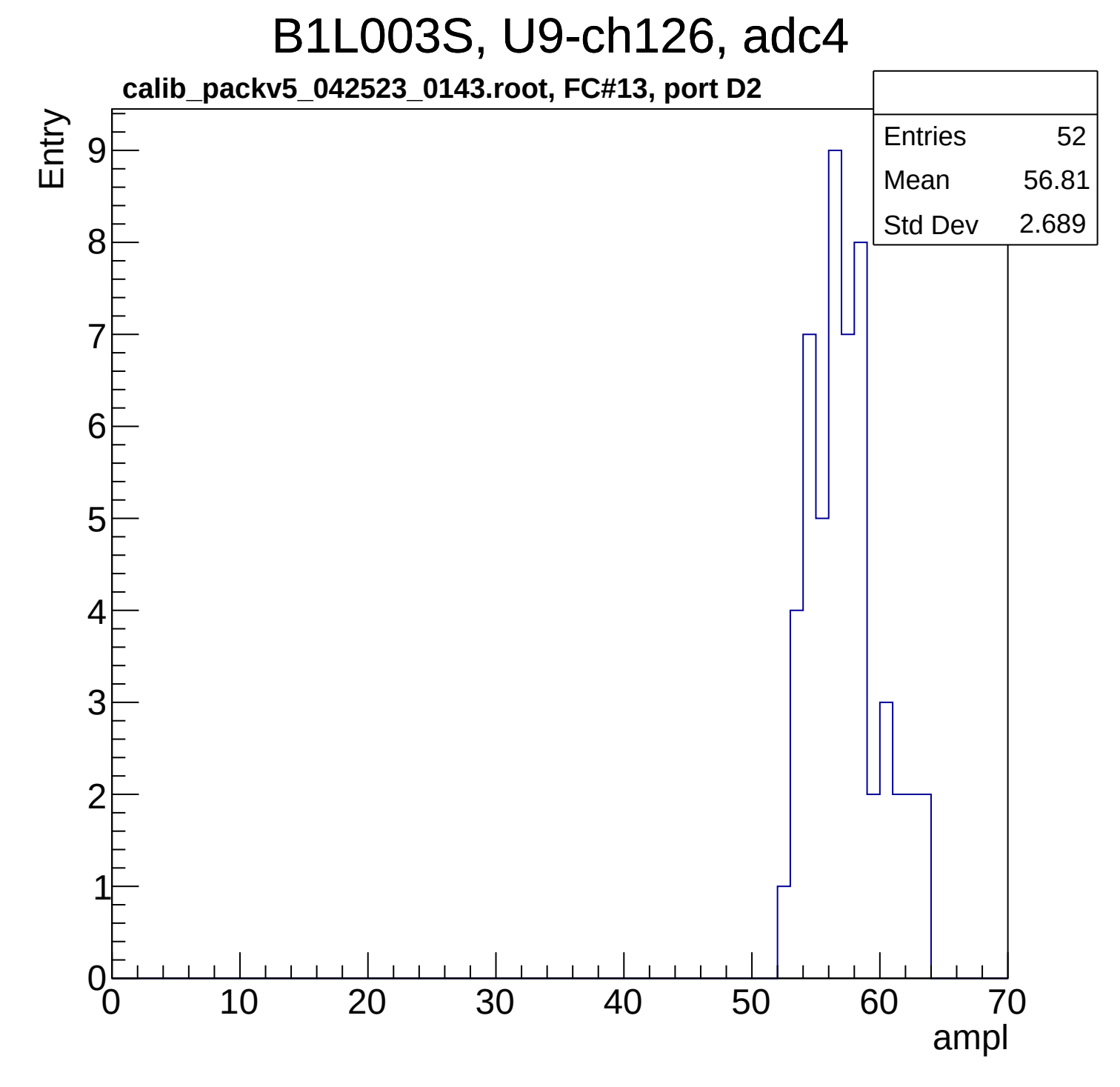
40
50
60
70


B1L003S, U9-ch126, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 56.81
Std Dev 2.689
Entry
ampl
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4
5
6
7
8
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0
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20
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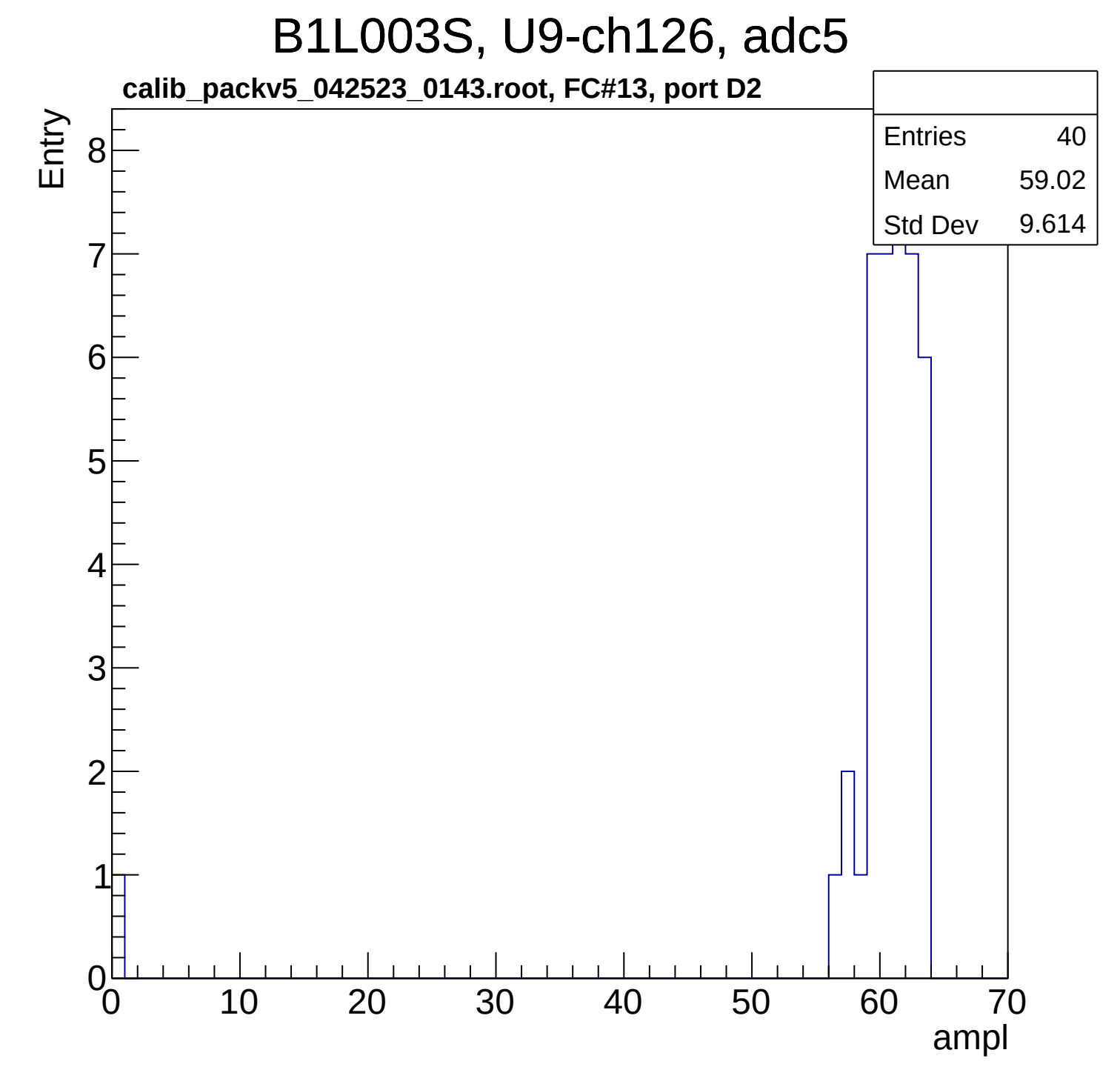
40
50
60
70


B1L003S, U9-ch126, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 59.02
Std Dev 9.614
Entry
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2
3
4
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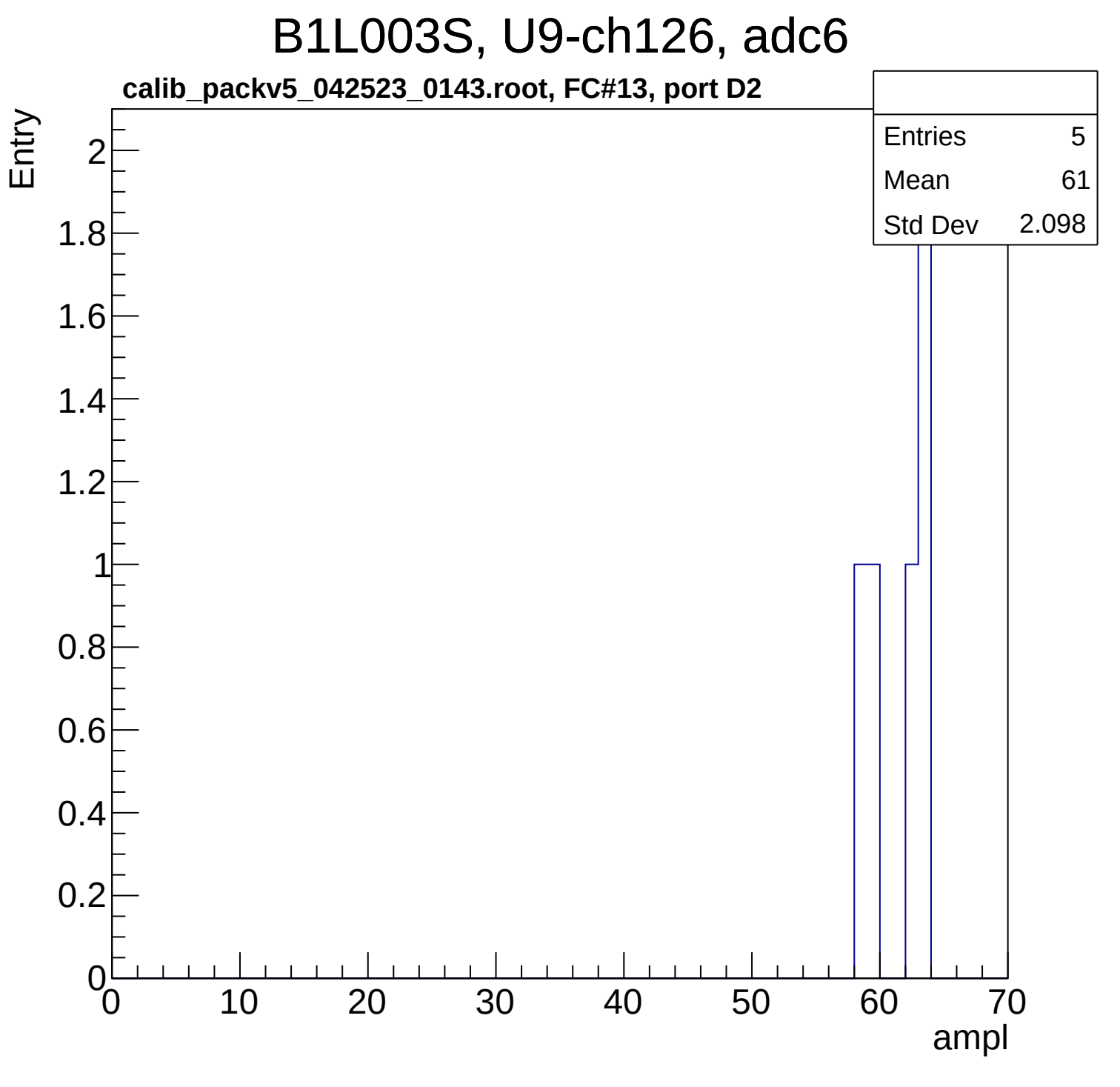
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch126, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61
Std Dev 2.098
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
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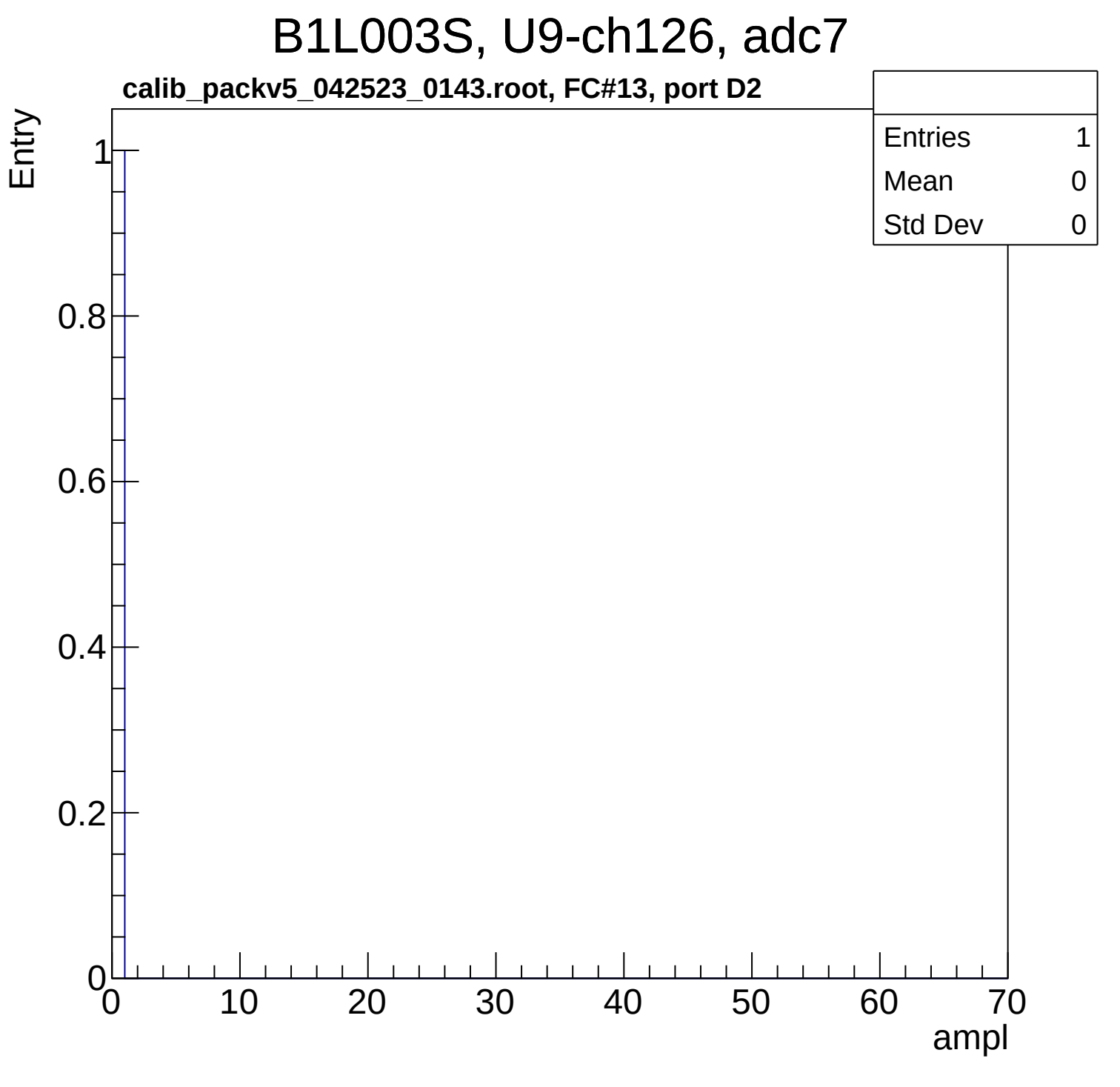
40
50
60
70


B1L003S, U9-ch126, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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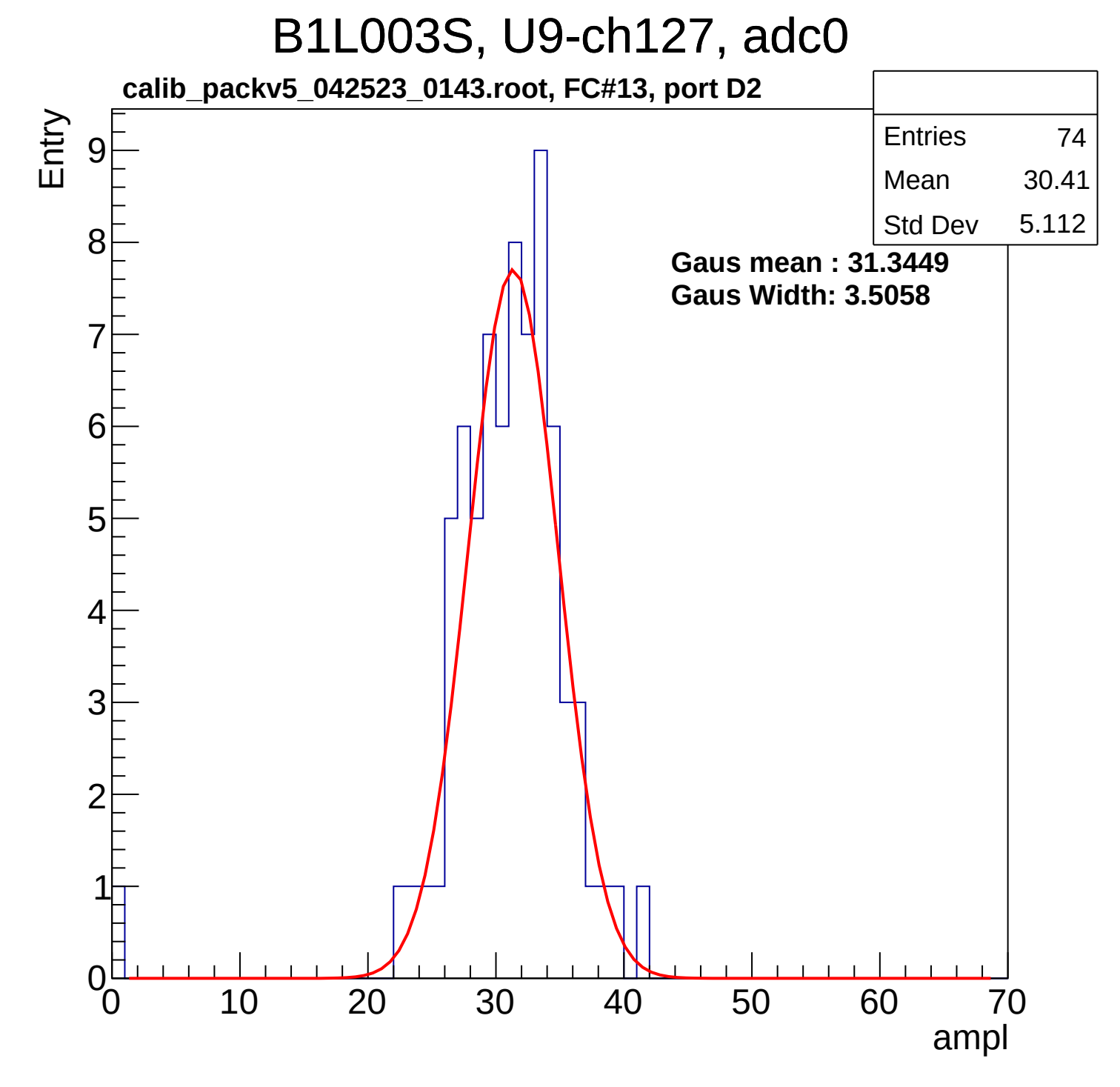
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch127, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 30.41
Std Dev 5.112
Gaus mean : 31.3449
Gaus Width: 3.5058
Entry
ampl
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2
3
4
5
6
7
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0
10
20
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40
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60
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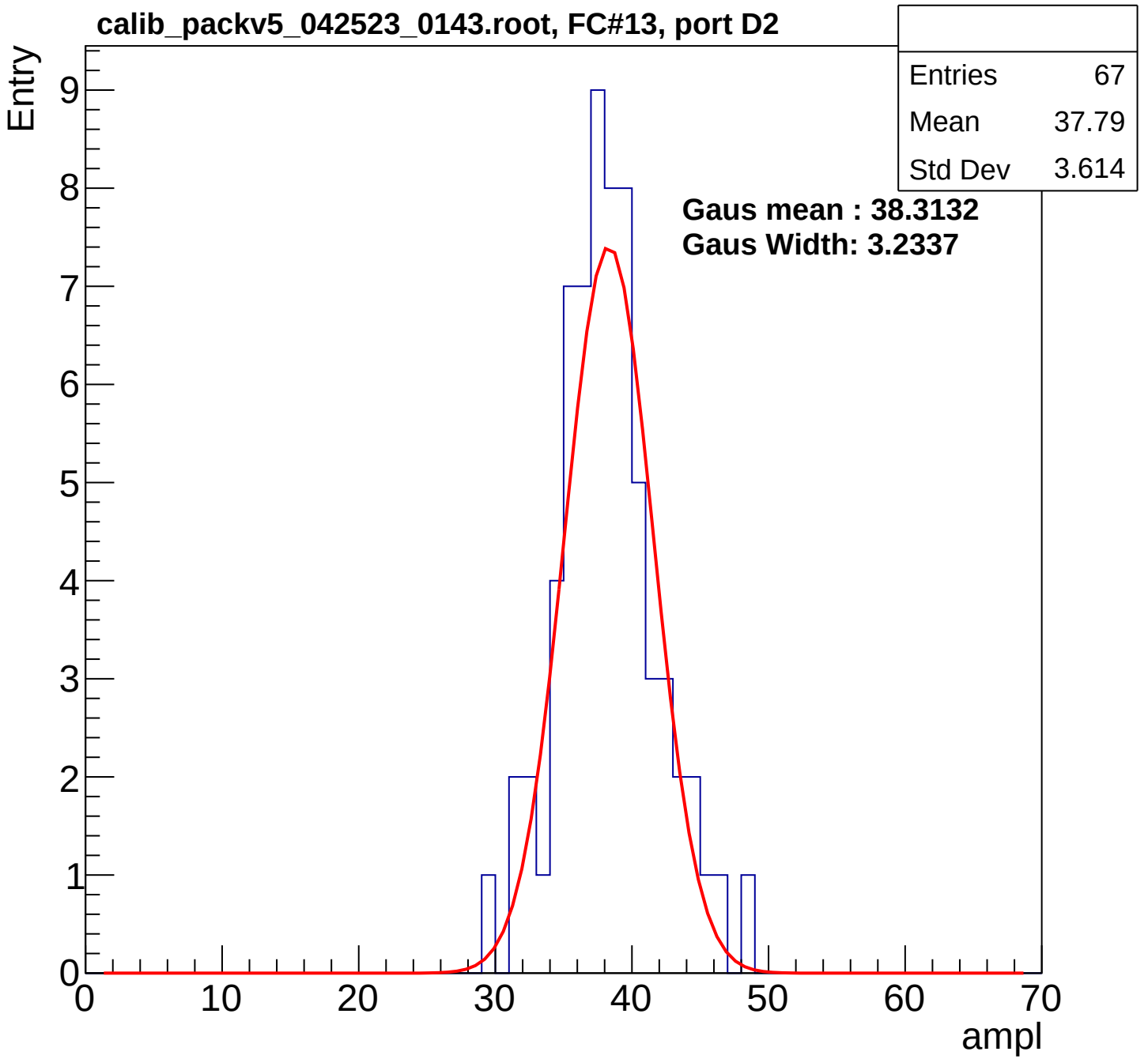
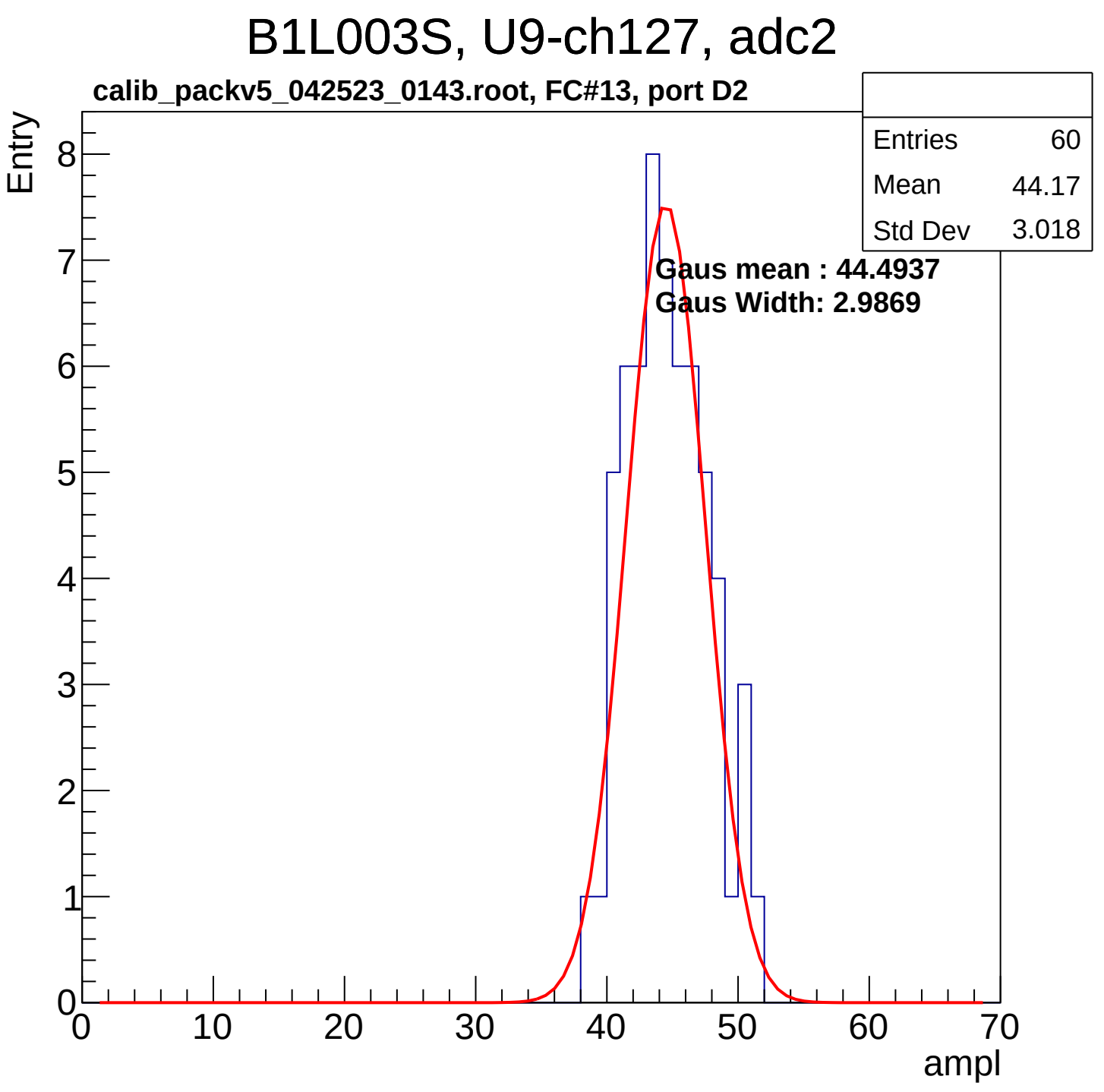
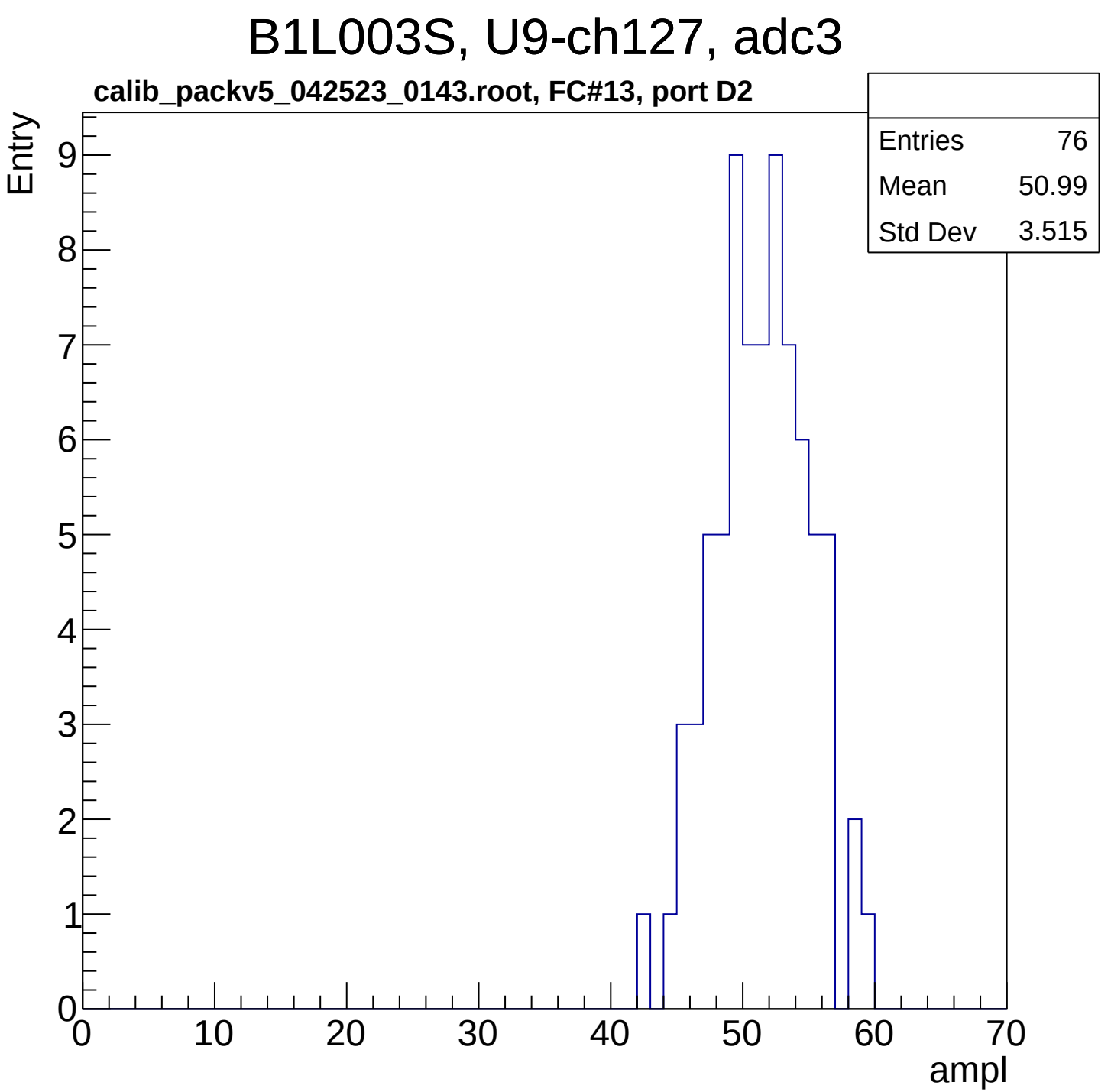
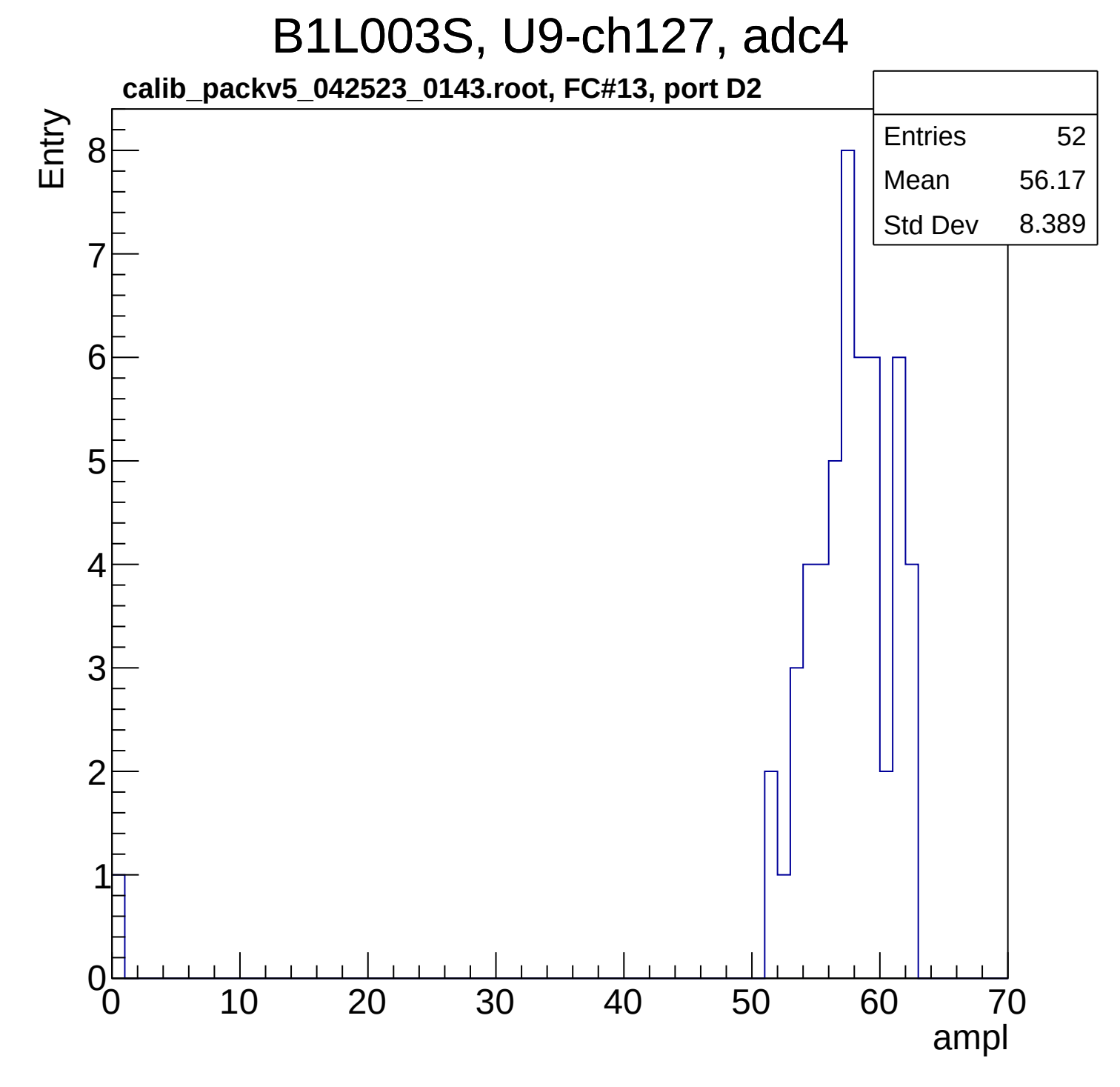
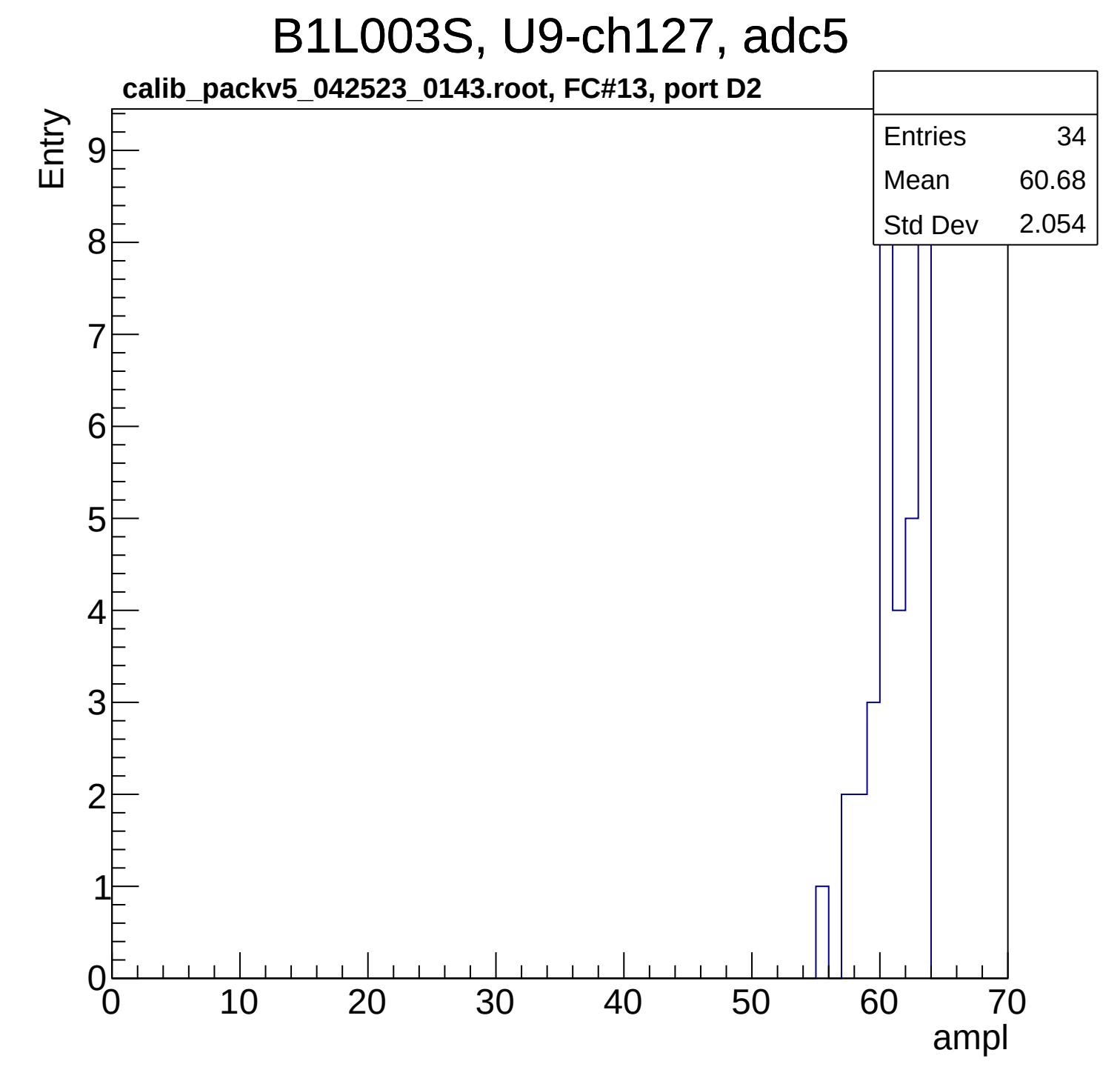
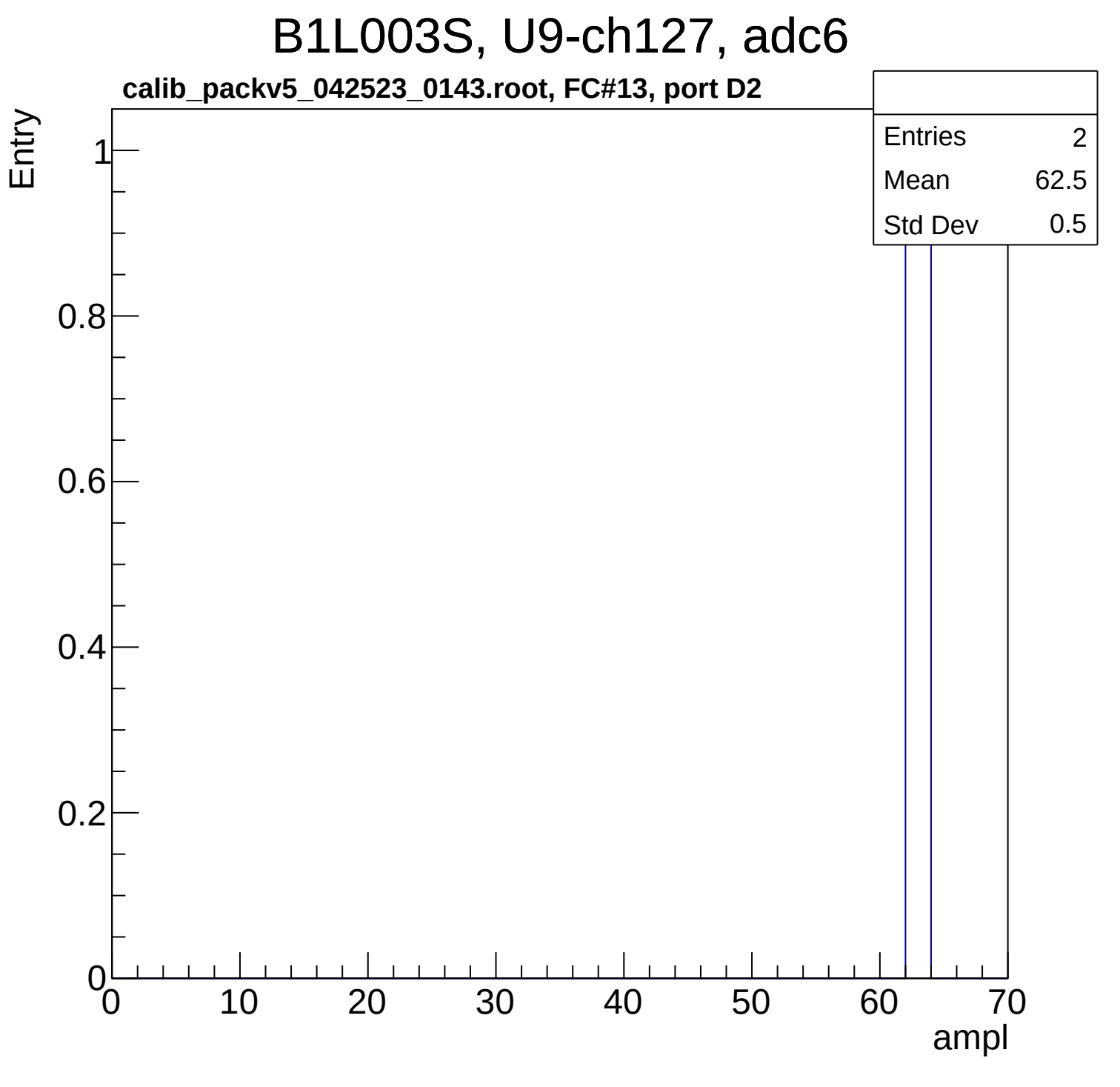

B1L003S, U9-ch127, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 37.79
Std Dev 3.614
Gaus mean : 38.3132
Gaus Width: 3.2337
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

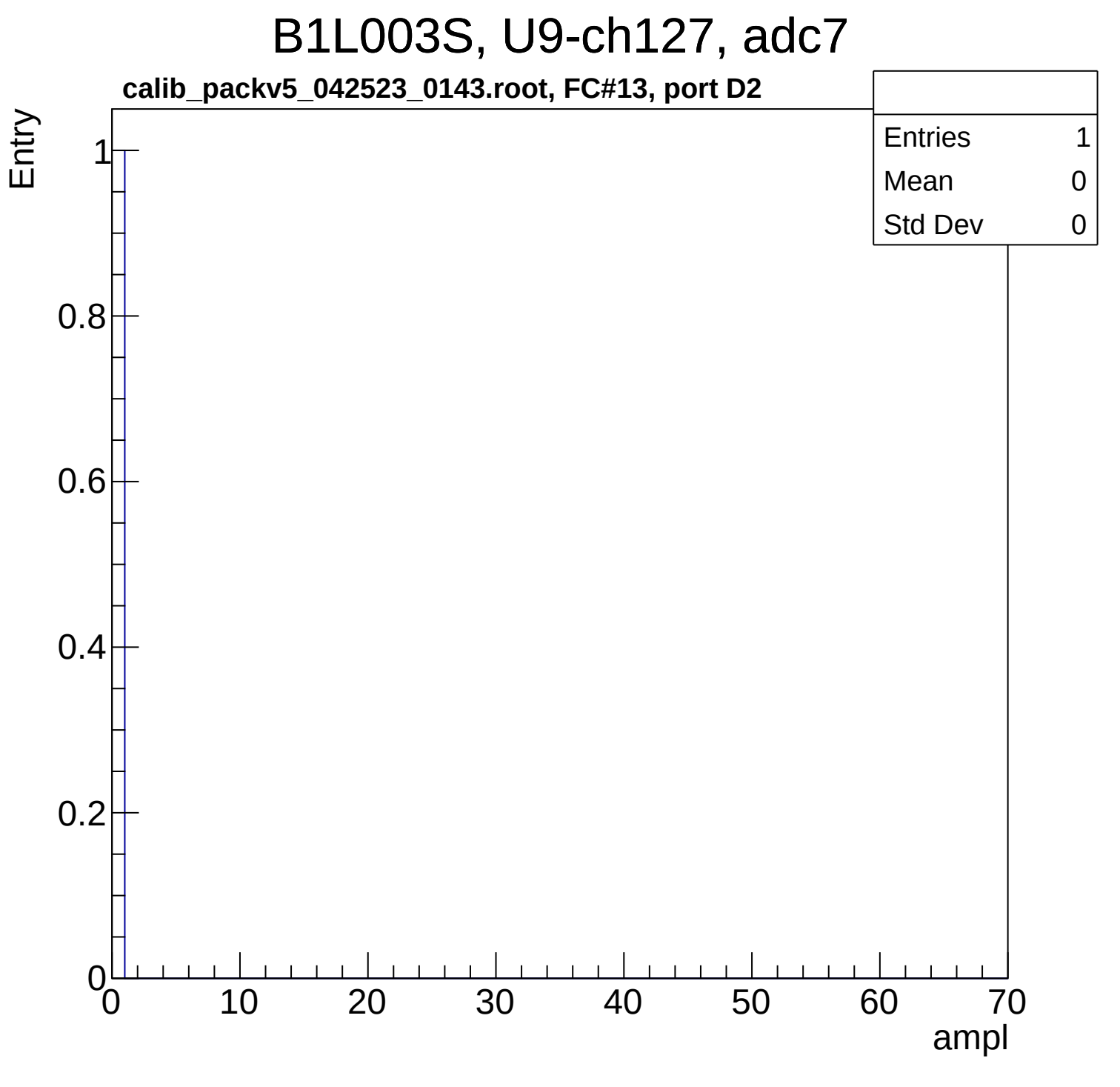

B1L003S, U9-ch127, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 44.17
Std Dev 3.018
Gaus mean : 44.4937
Gaus Width: 2.9869
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

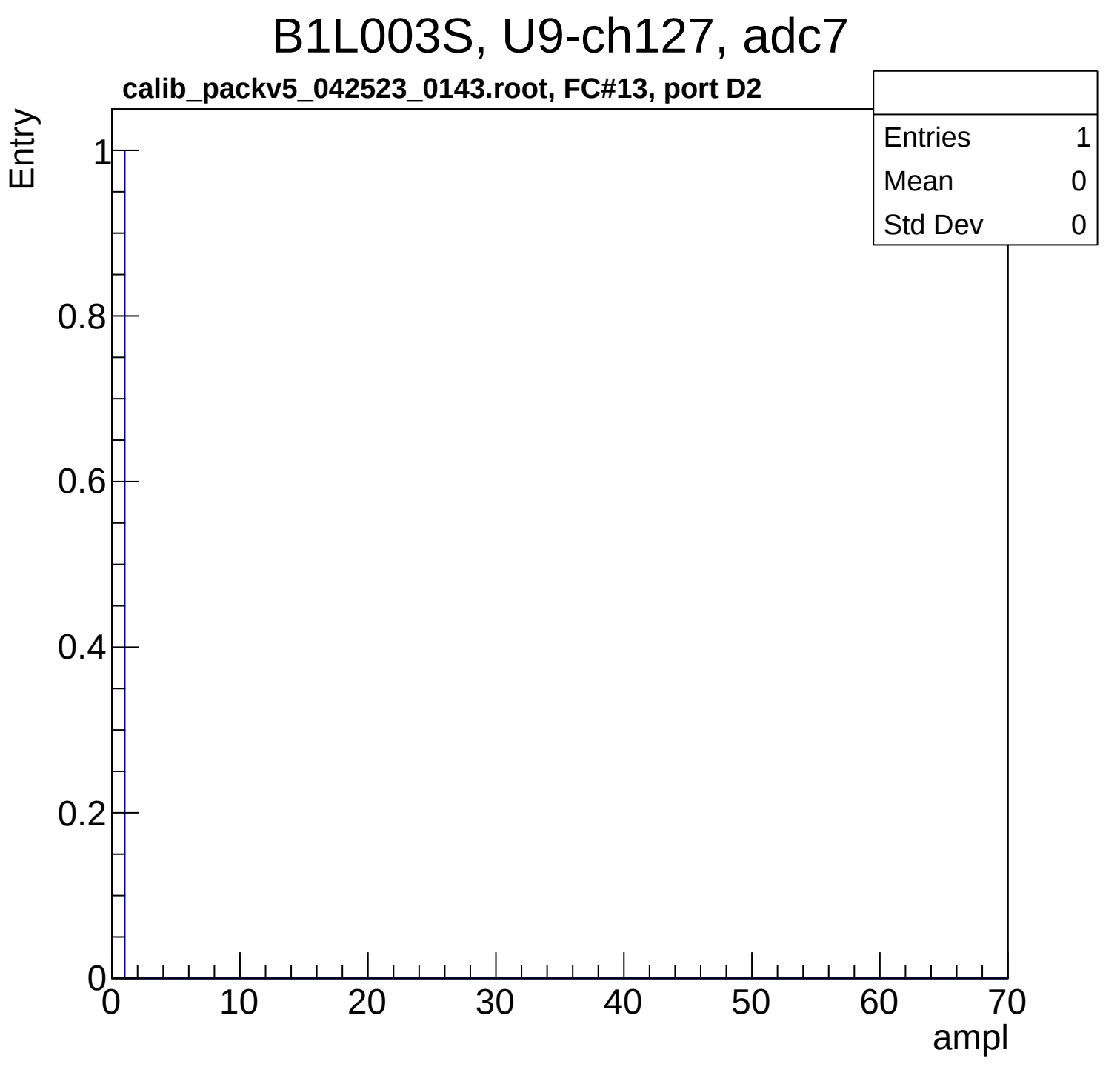

B1L003S, U9-ch127, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 50.99
Std Dev 3.515
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch127, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 56.17
Std Dev 8.389
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L003S, U9-ch127, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 34
Mean 60.68
Std Dev 2.054
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U9-ch127, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch127, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U9-ch127, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl