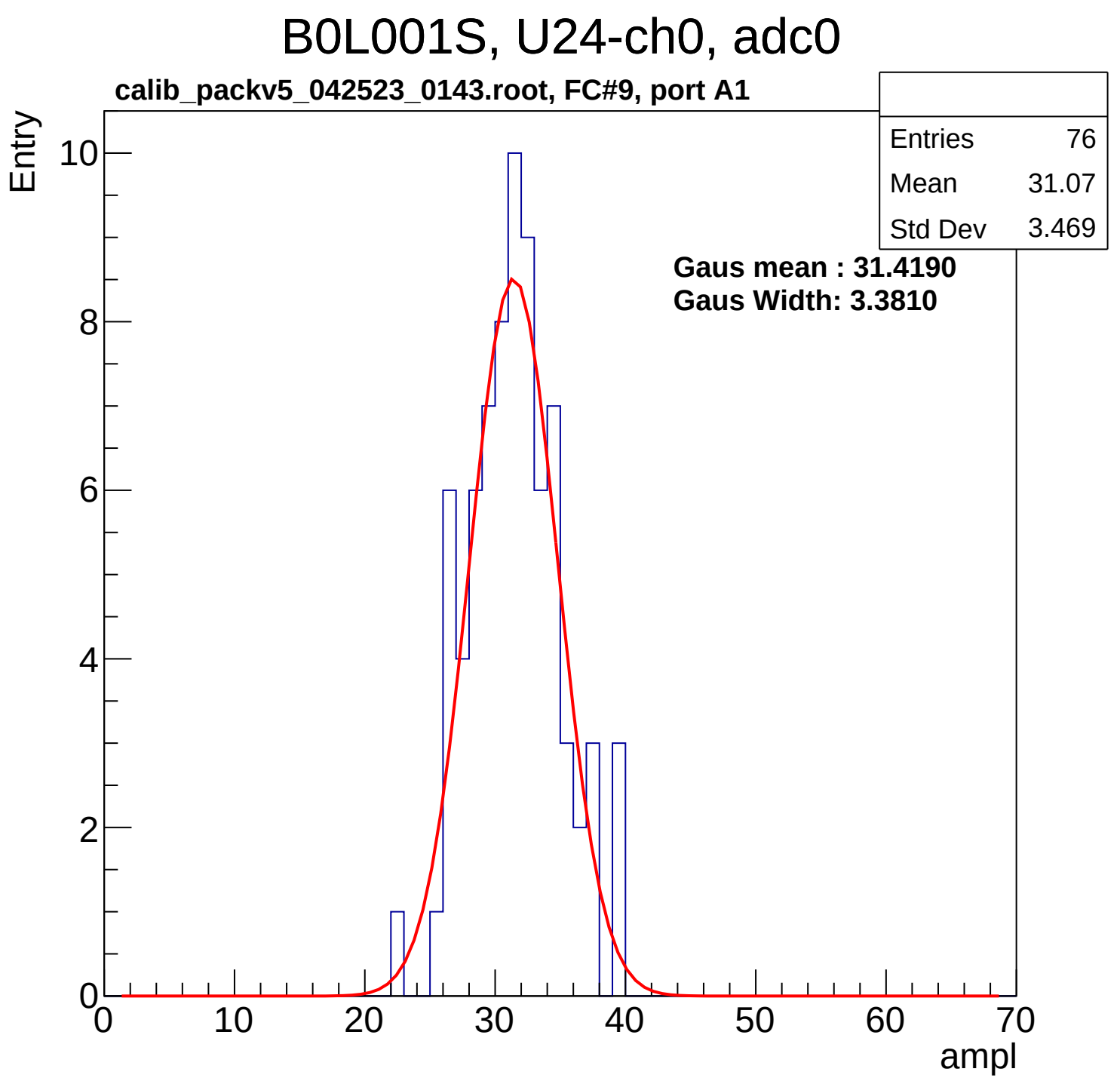
B0L001S, U24-ch0, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 31.07
Std Dev 3.469
Gaus mean : 31.4190
Gaus Width: 3.3810
Entry
ampl
0
2
4
6
8
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0
10
20
30
40
50
60
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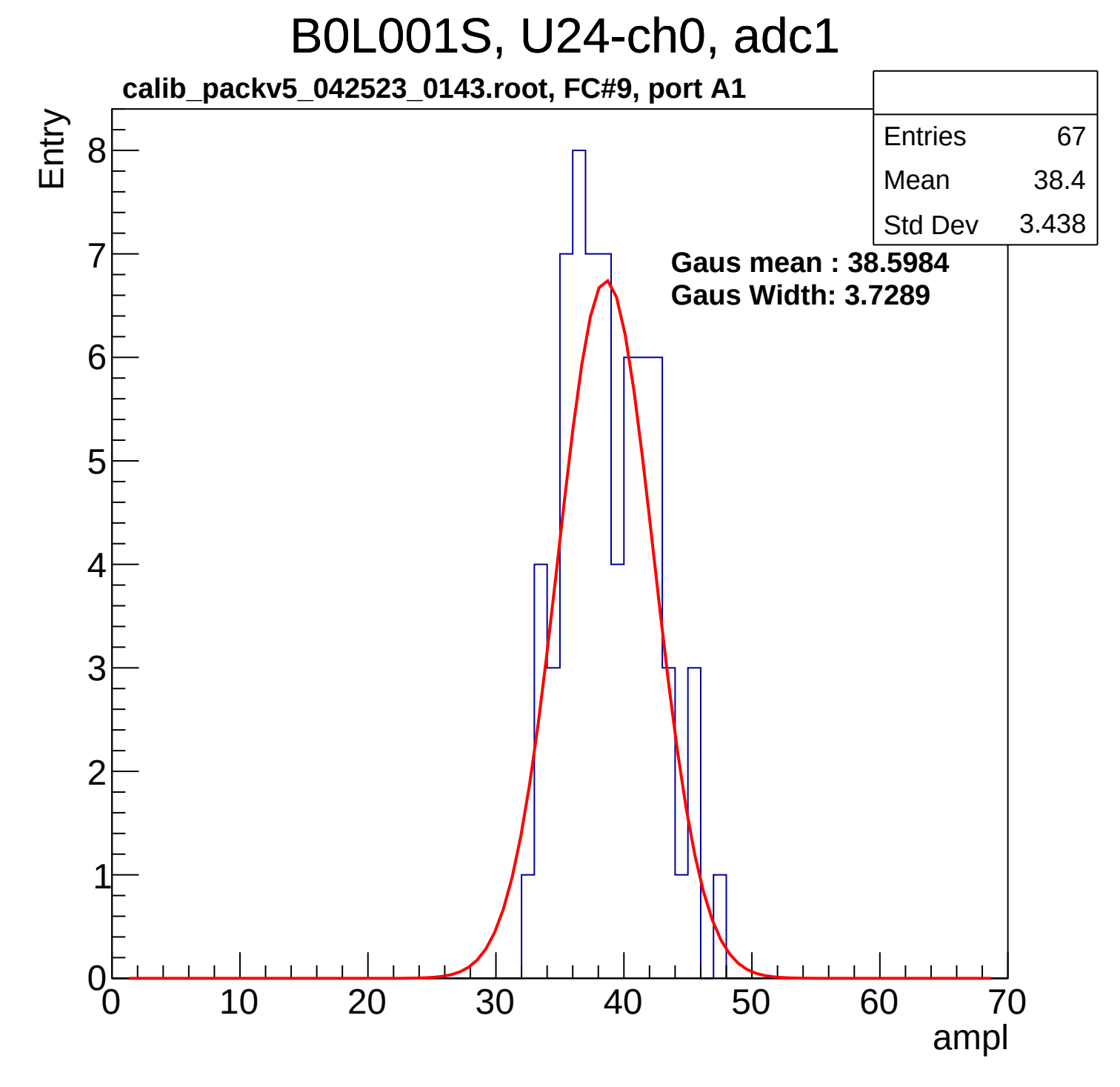
B0L001S, U24-ch0, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 38.4
Std Dev 3.438
Gaus mean : 38.5984
Gaus Width: 3.7289
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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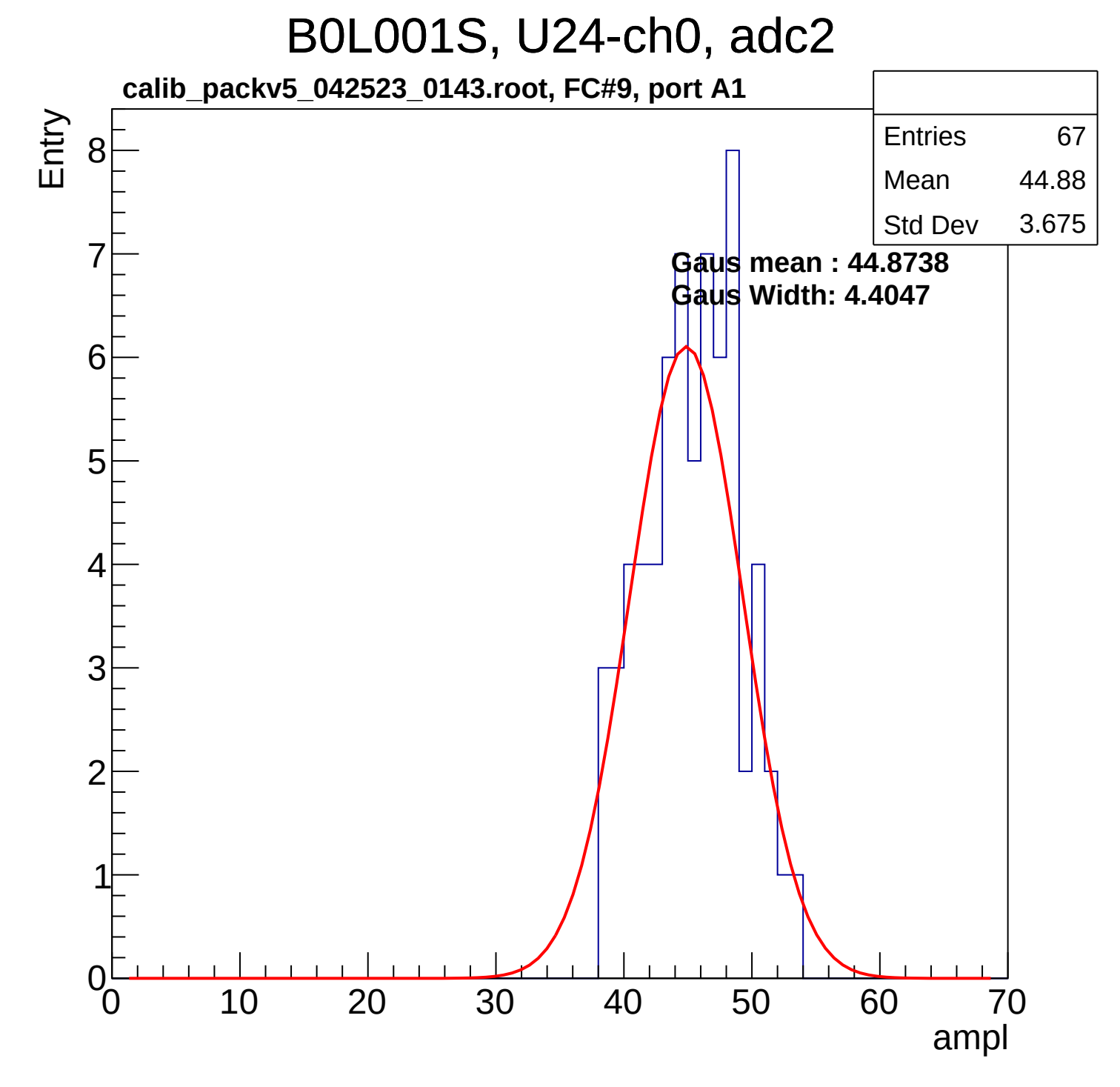
B0L001S, U24-ch0, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 44.88
Std Dev 3.675
Gaus mean : 44.8738
Gaus Width: 4.4047
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
50
60
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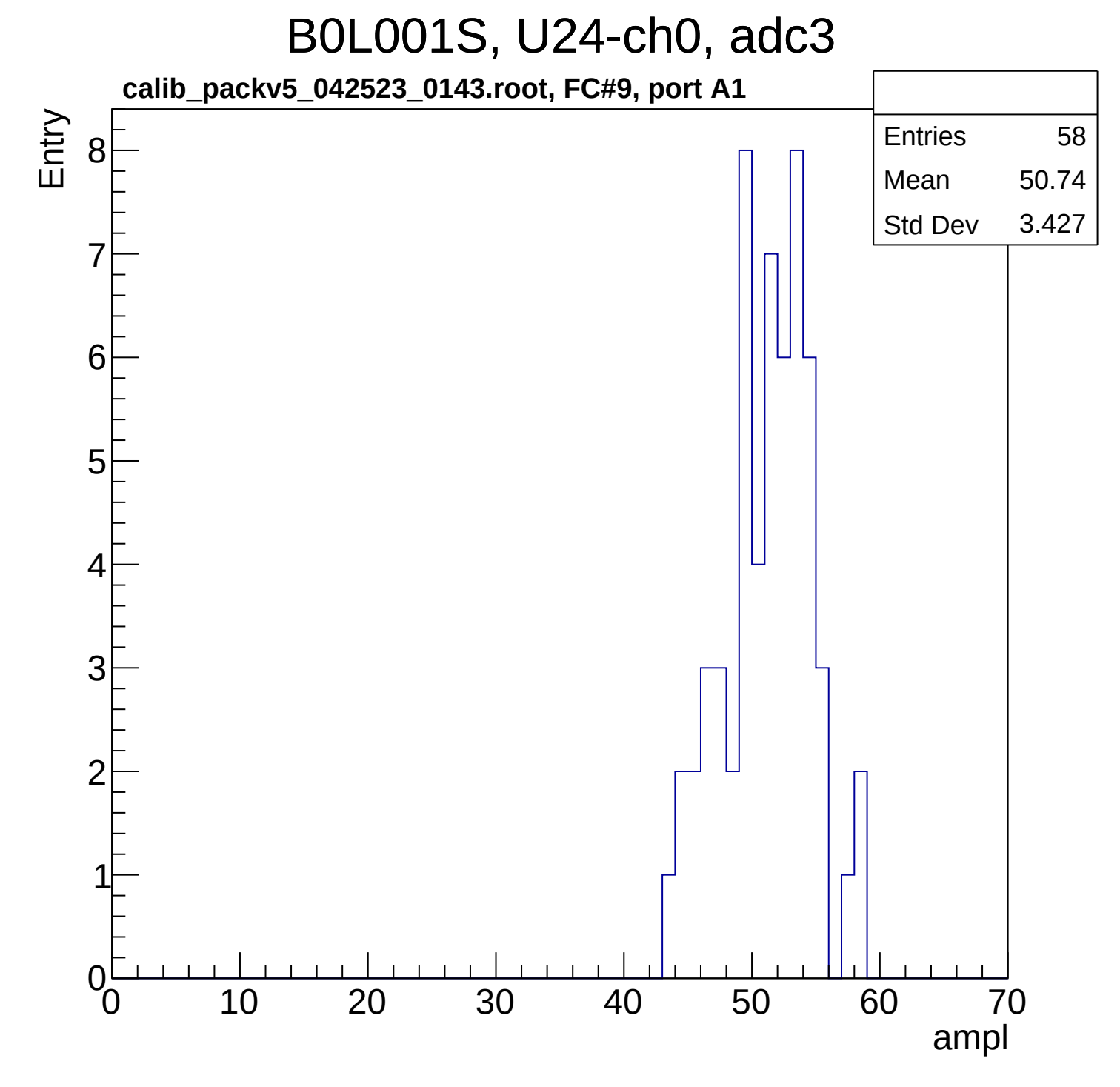
B0L001S, U24-ch0, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 50.74
Std Dev 3.427
Entry
ampl
0
1
2
3
4
5
6
7
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0
10
20
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40
50
60
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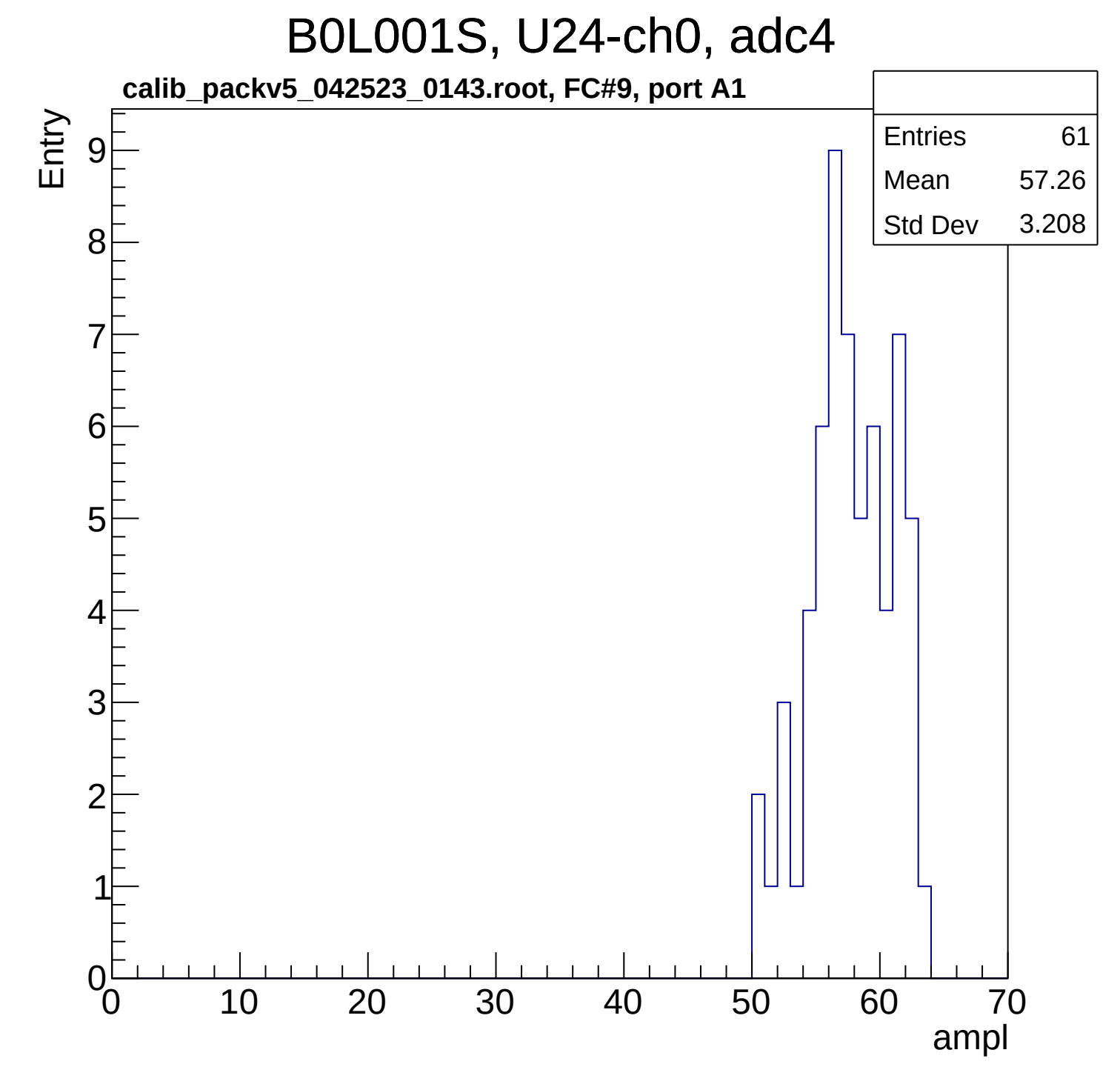
B0L001S, U24-ch0, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 57.26
Std Dev 3.208
Entry
ampl
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2
3
4
5
6
7
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0
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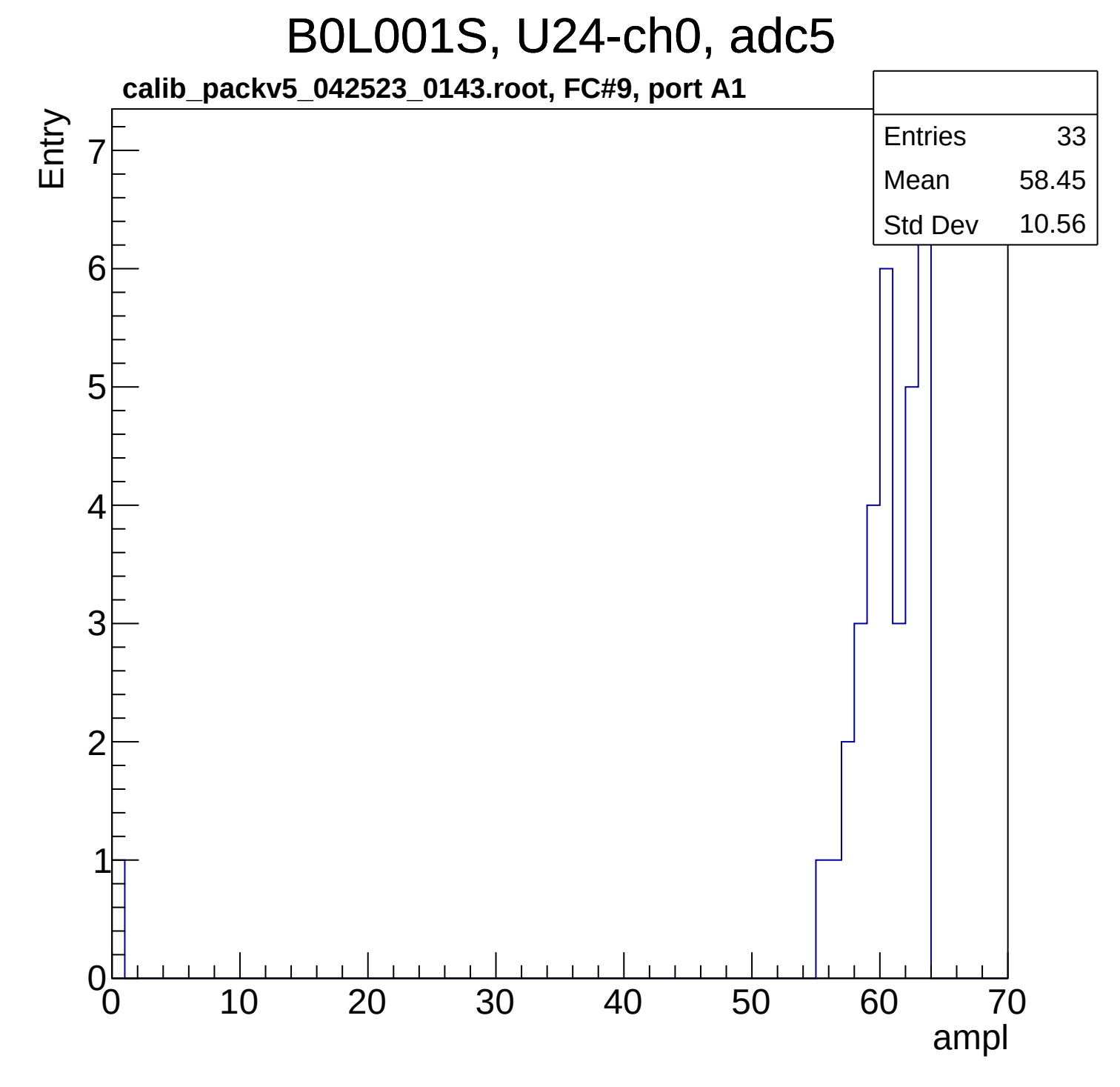
B0L001S, U24-ch0, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 58.45
Std Dev 10.56
Entry
ampl
0
1
2
3
4
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6
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0
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60
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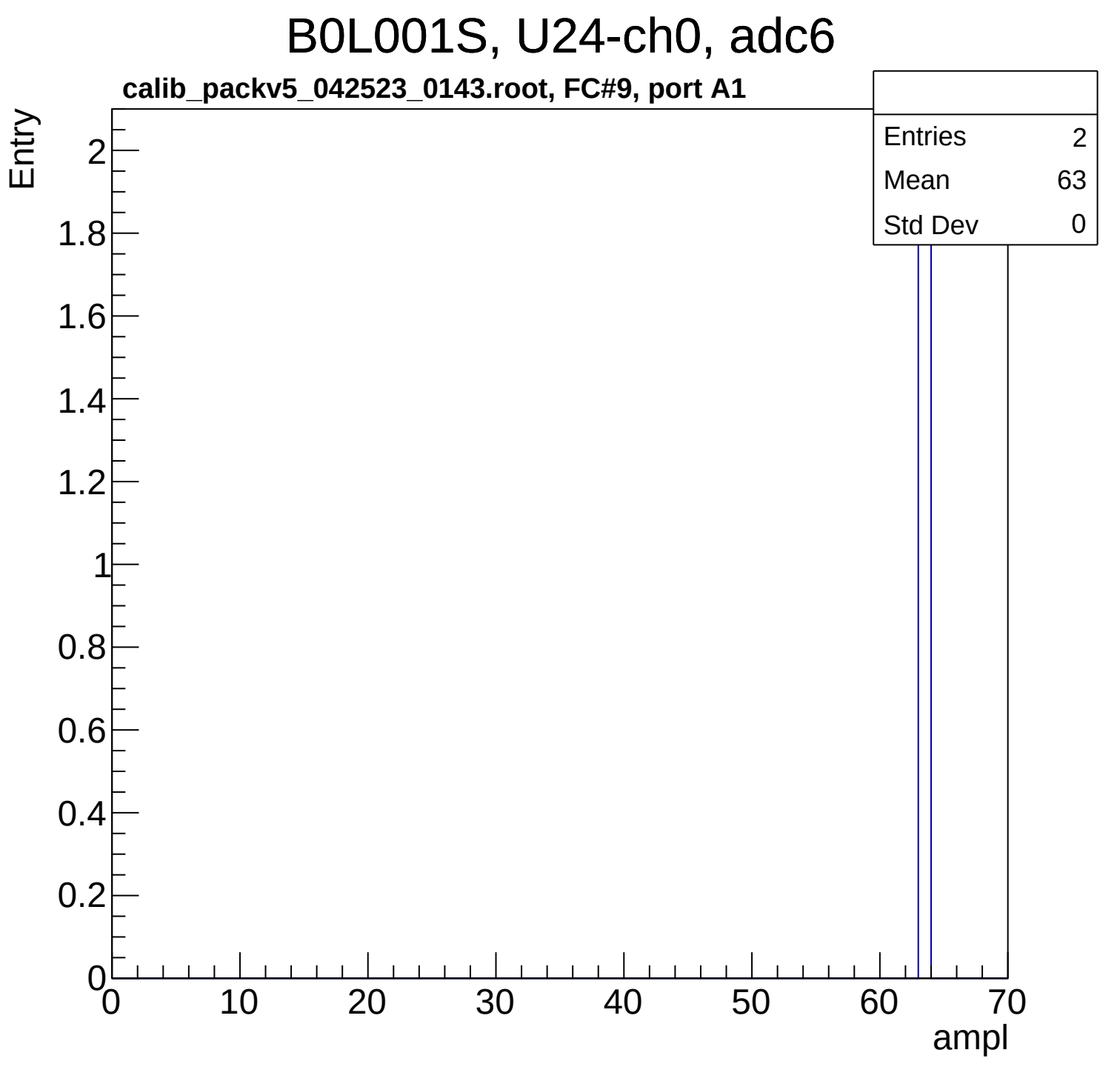
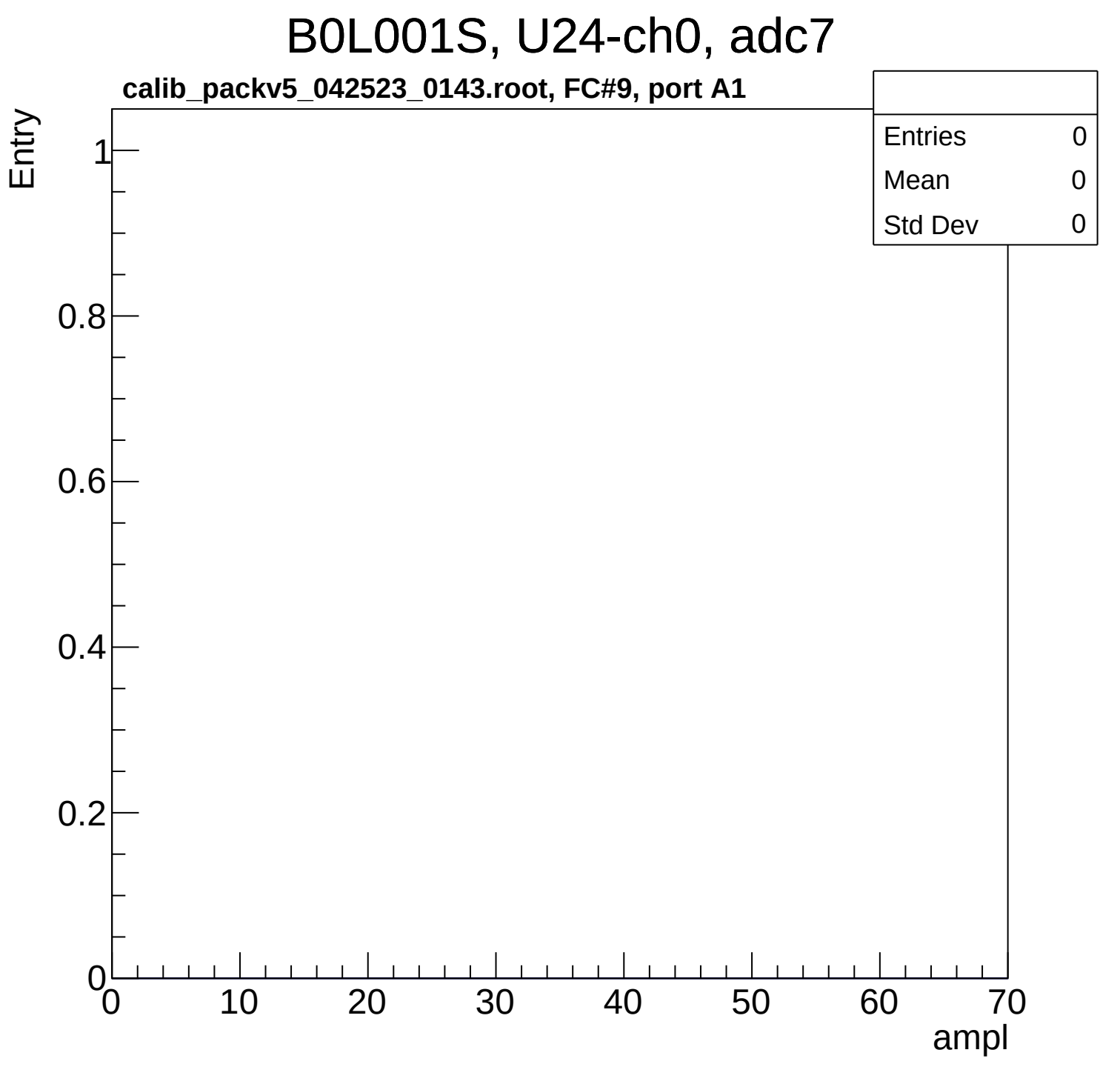
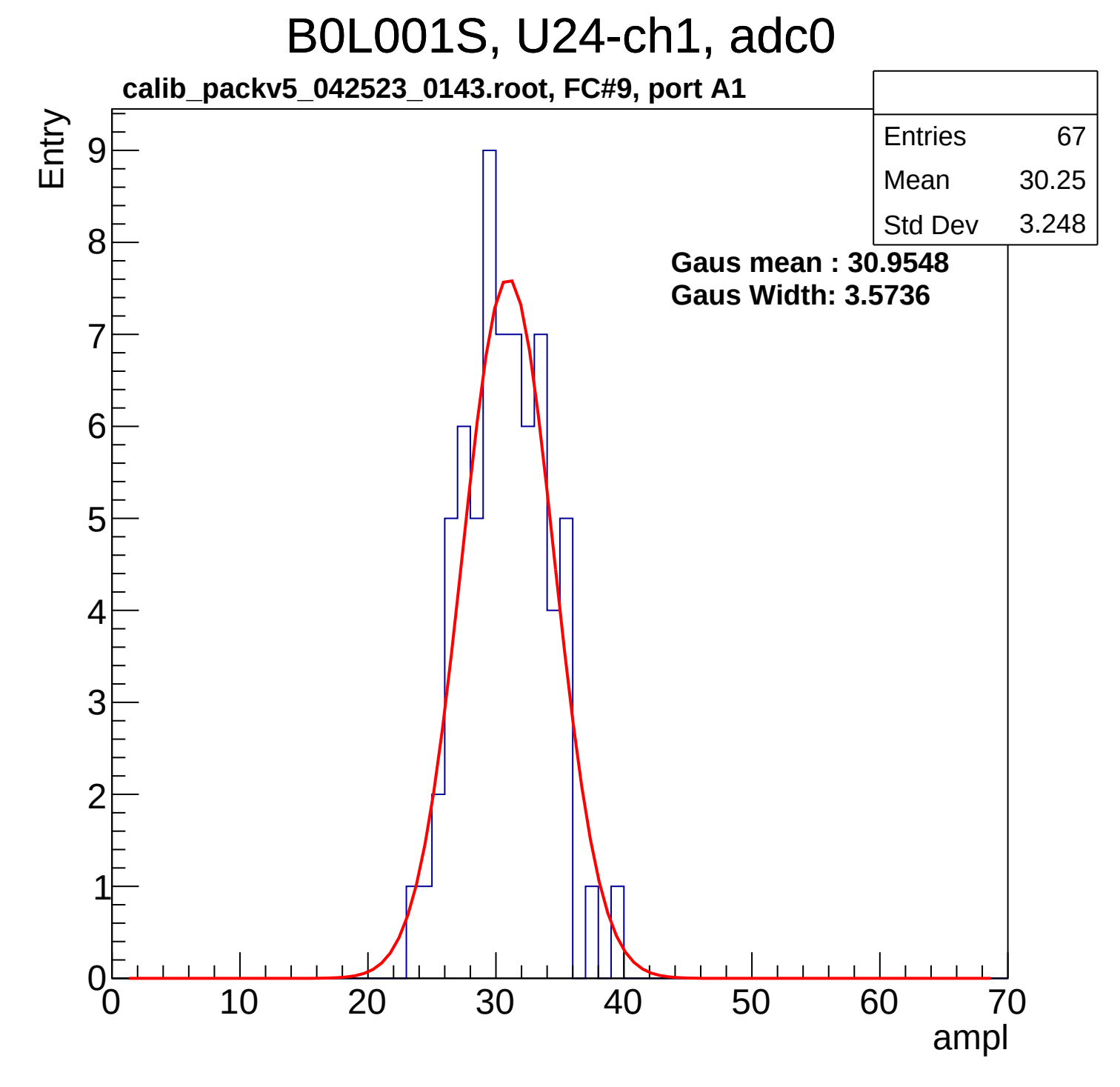
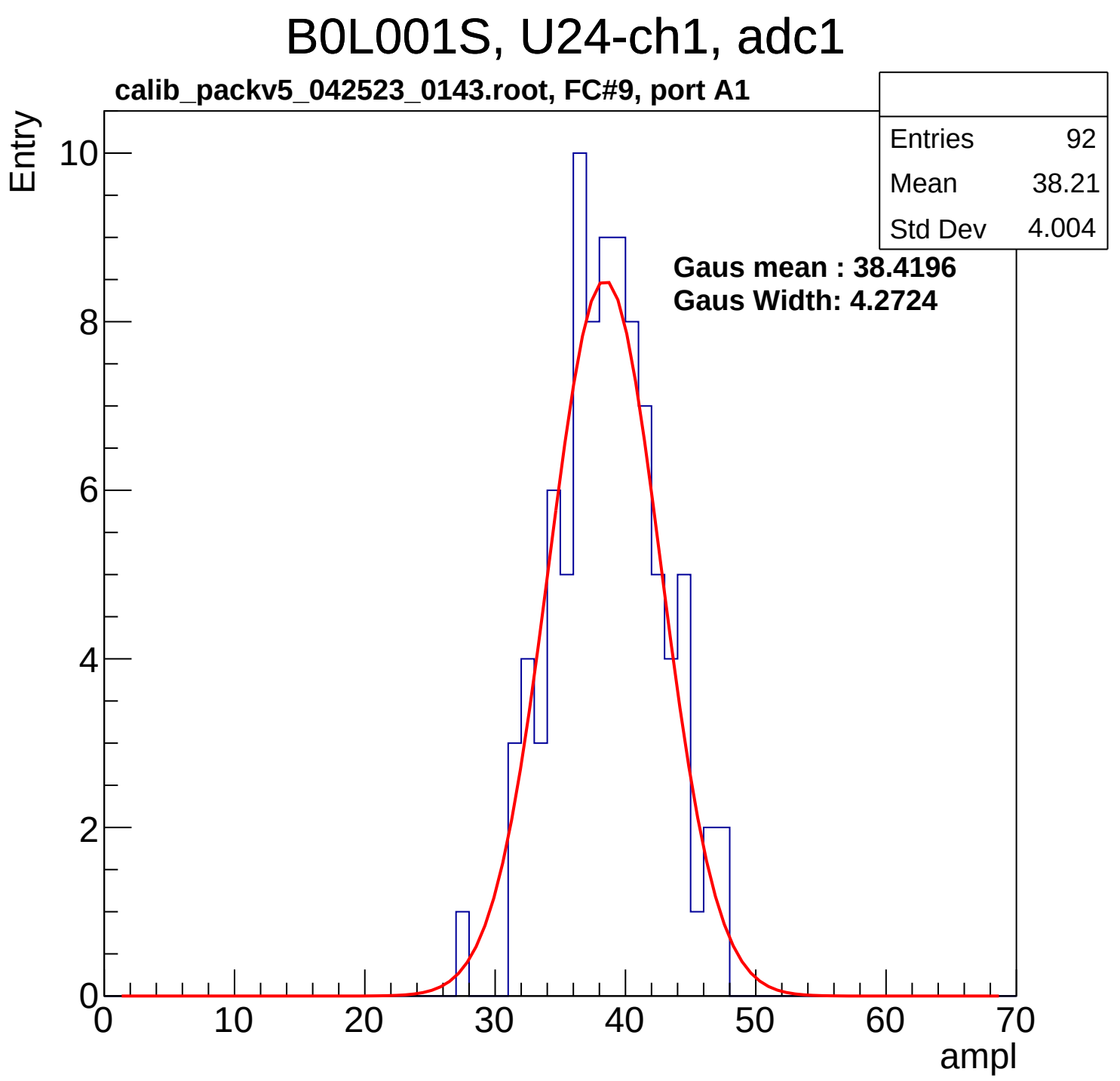
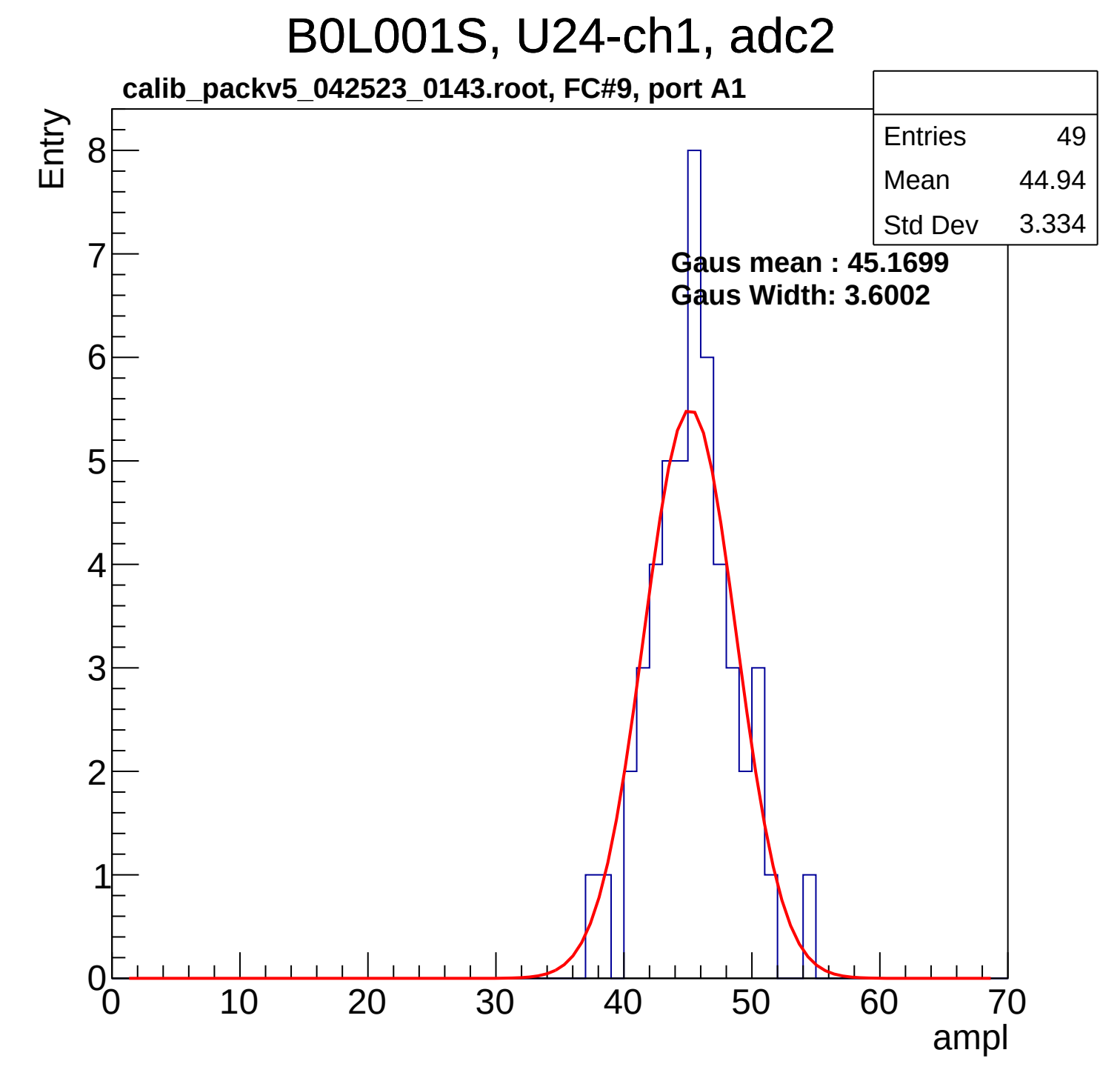

B0L001S, U24-ch0, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch0, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch1, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 30.25
Std Dev 3.248
Gaus mean : 30.9548
Gaus Width: 3.5736
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch1, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 92
Mean 38.21
Std Dev 4.004
Gaus mean : 38.4196
Gaus Width: 4.2724
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch1, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 44.94
Std Dev 3.334
Gaus mean : 45.1699
Gaus Width: 3.6002
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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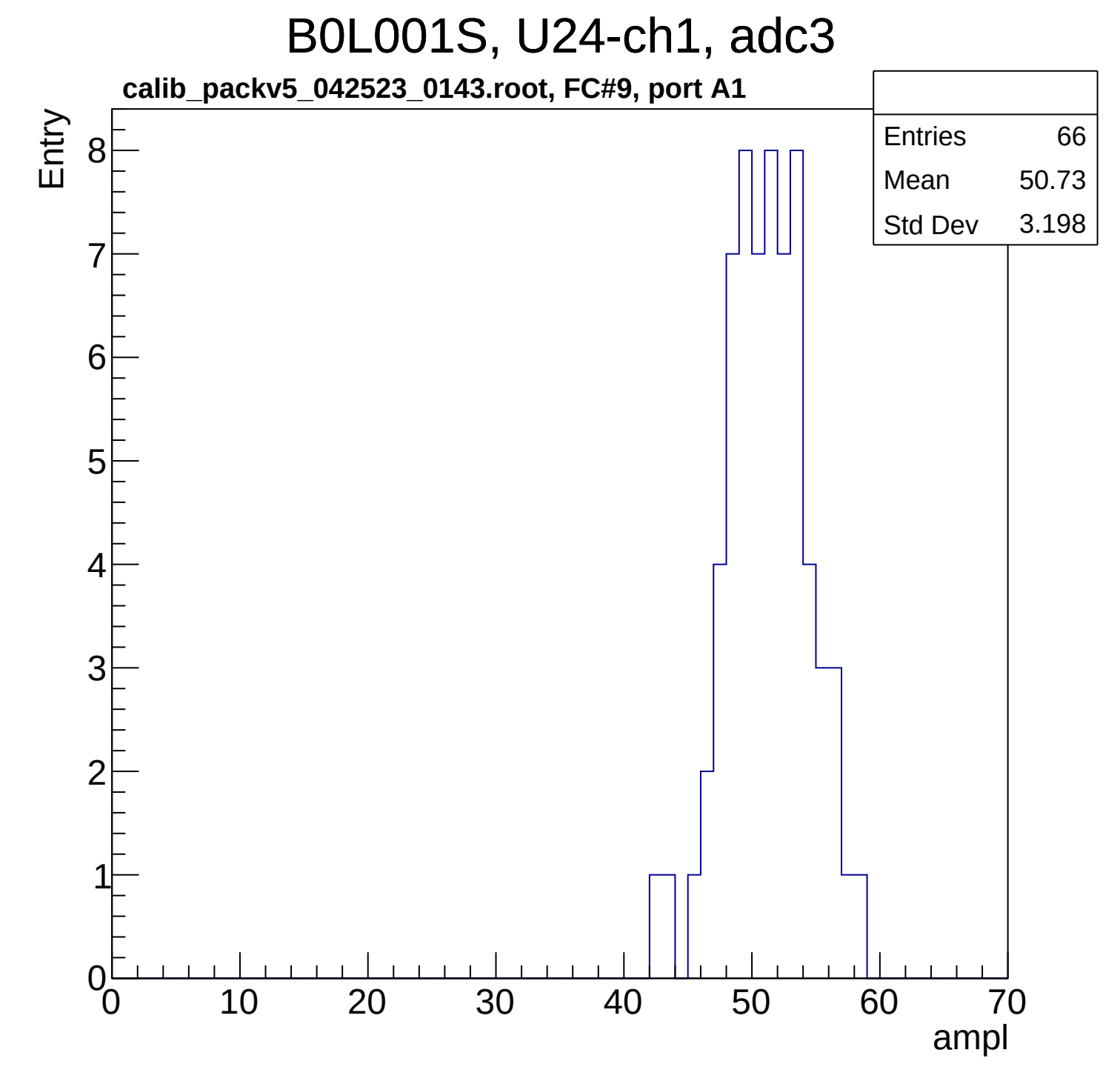
B0L001S, U24-ch1, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 50.73
Std Dev 3.198
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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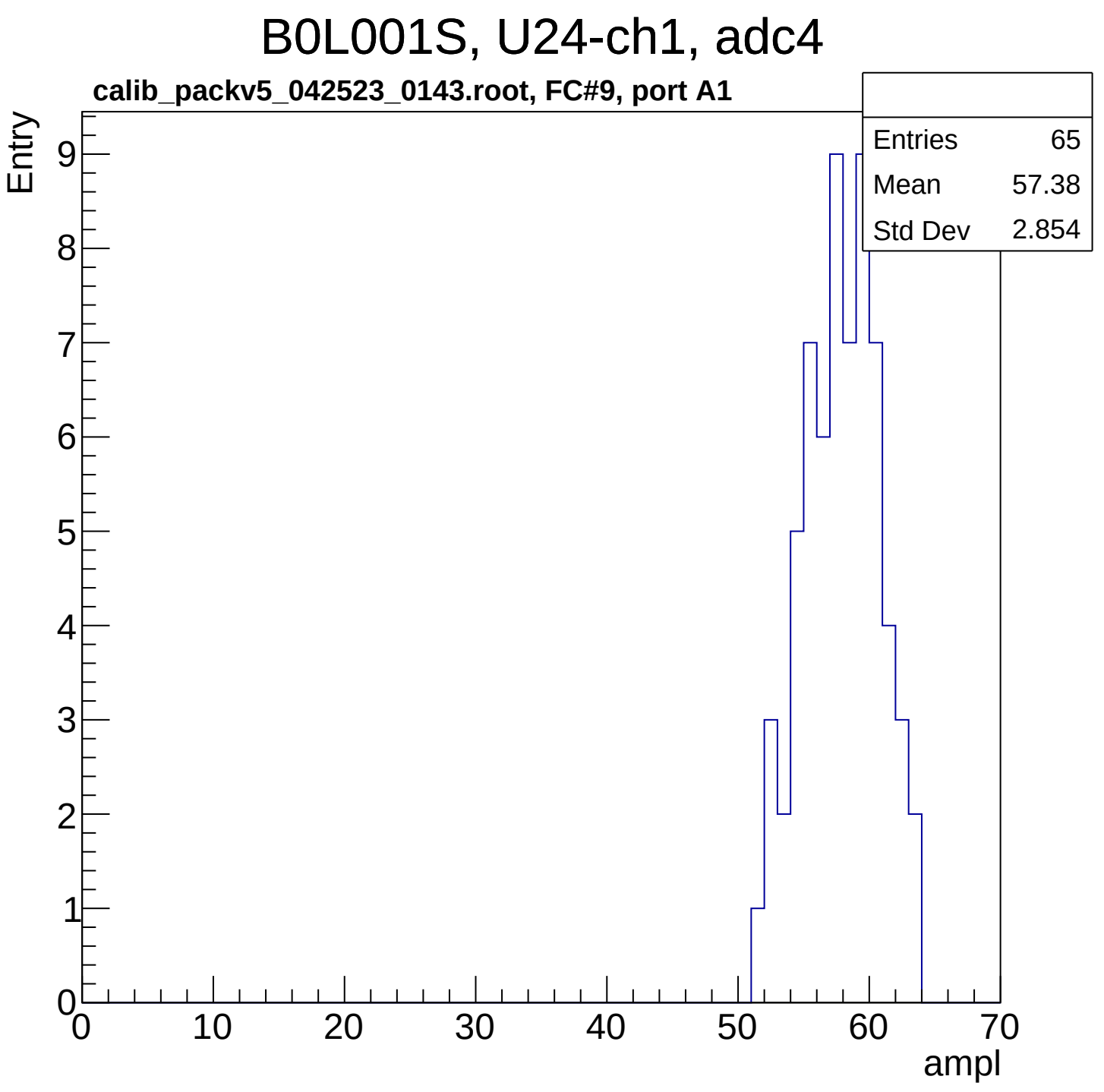
B0L001S, U24-ch1, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 57.38
Std Dev 2.854
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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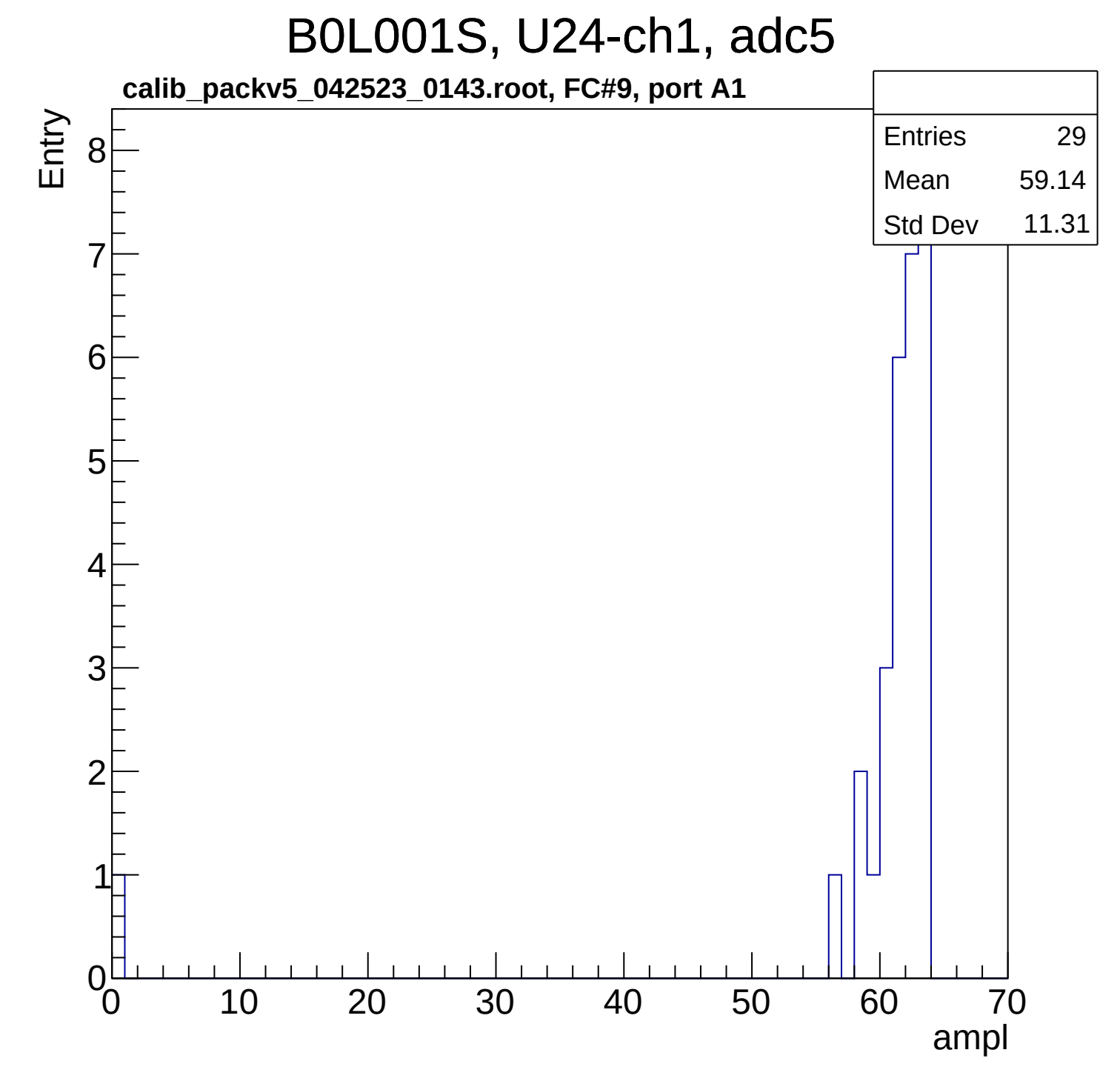
B0L001S, U24-ch1, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 59.14
Std Dev 11.31
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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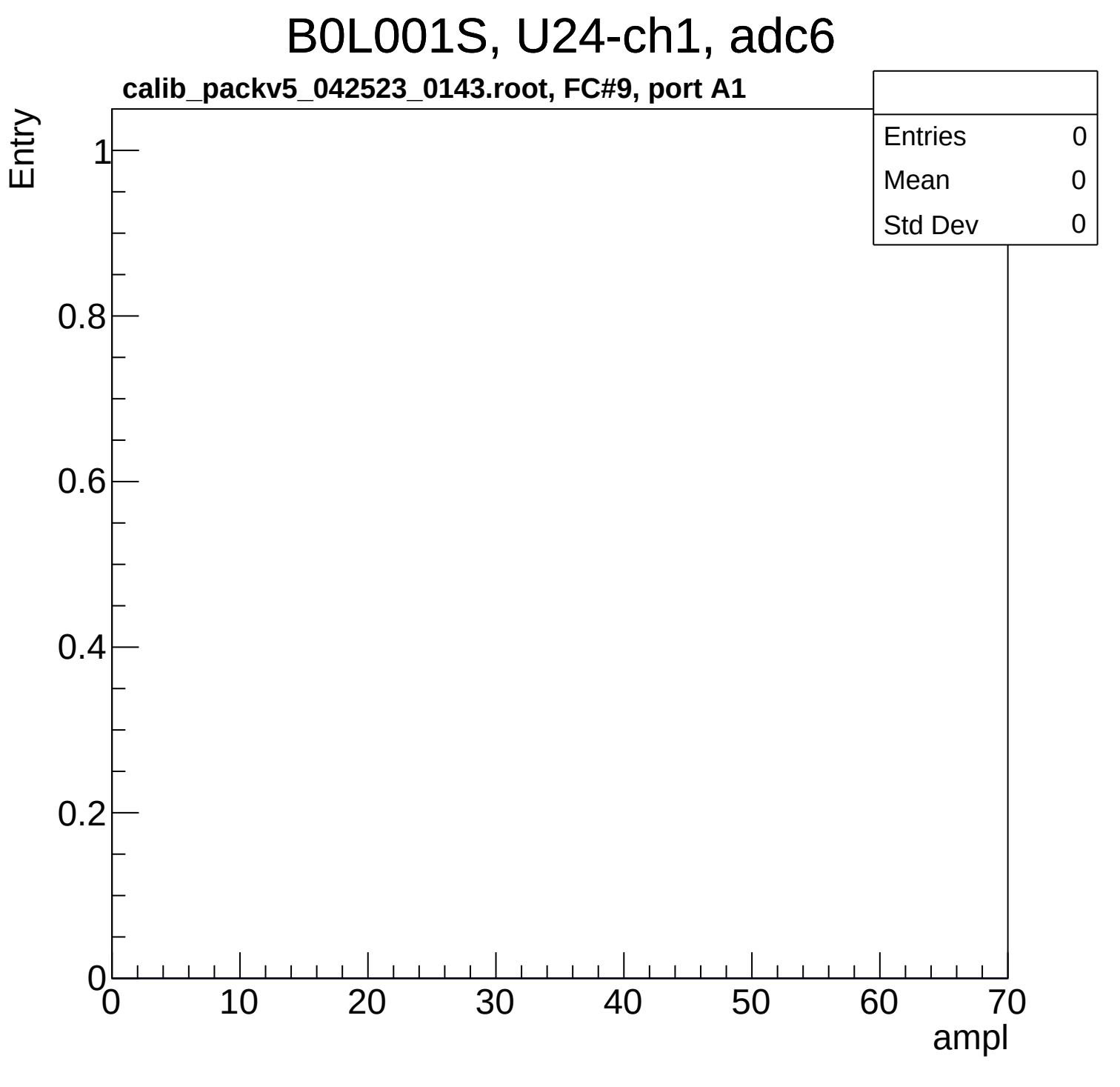
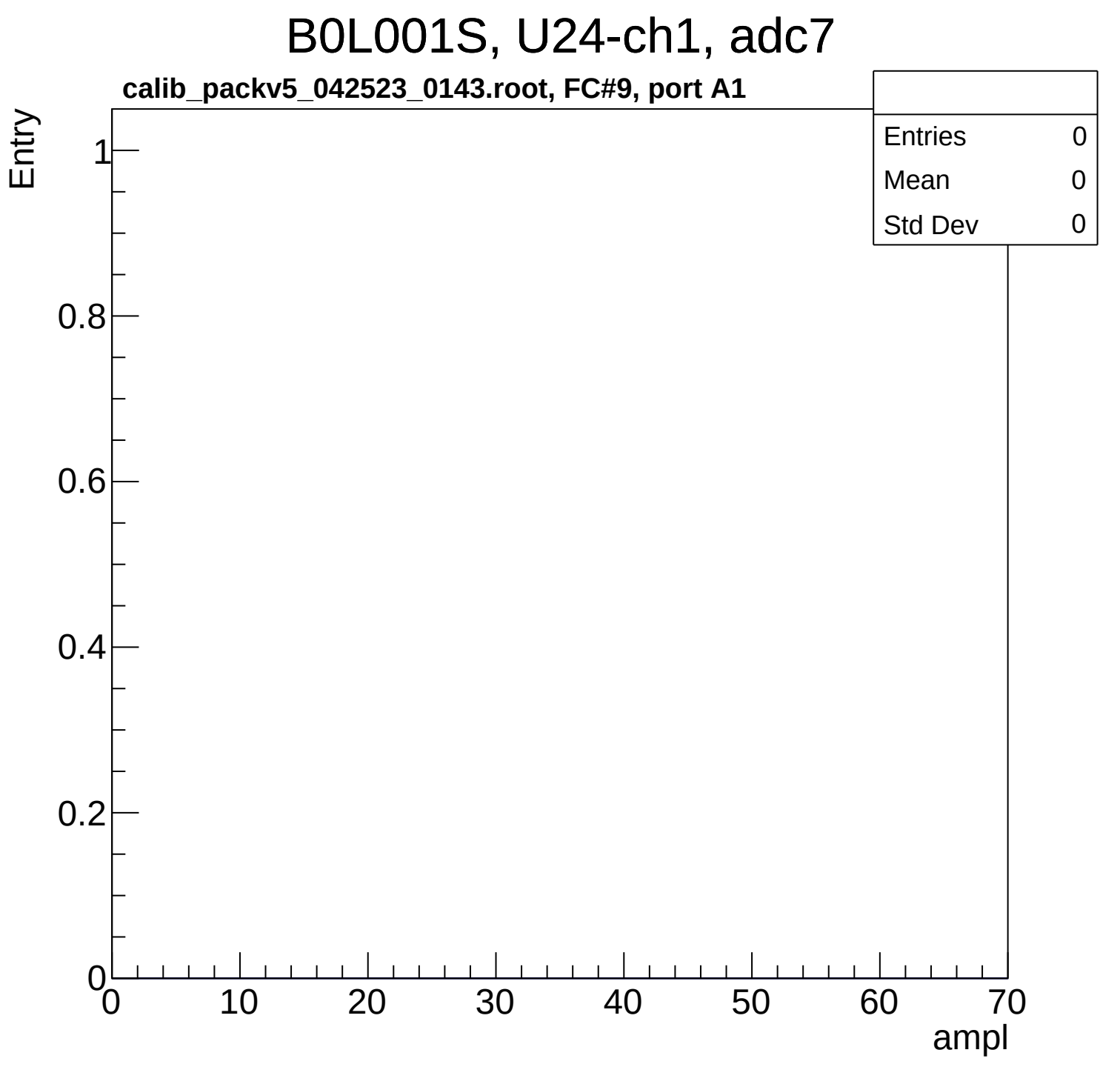

B0L001S, U24-ch1, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch1, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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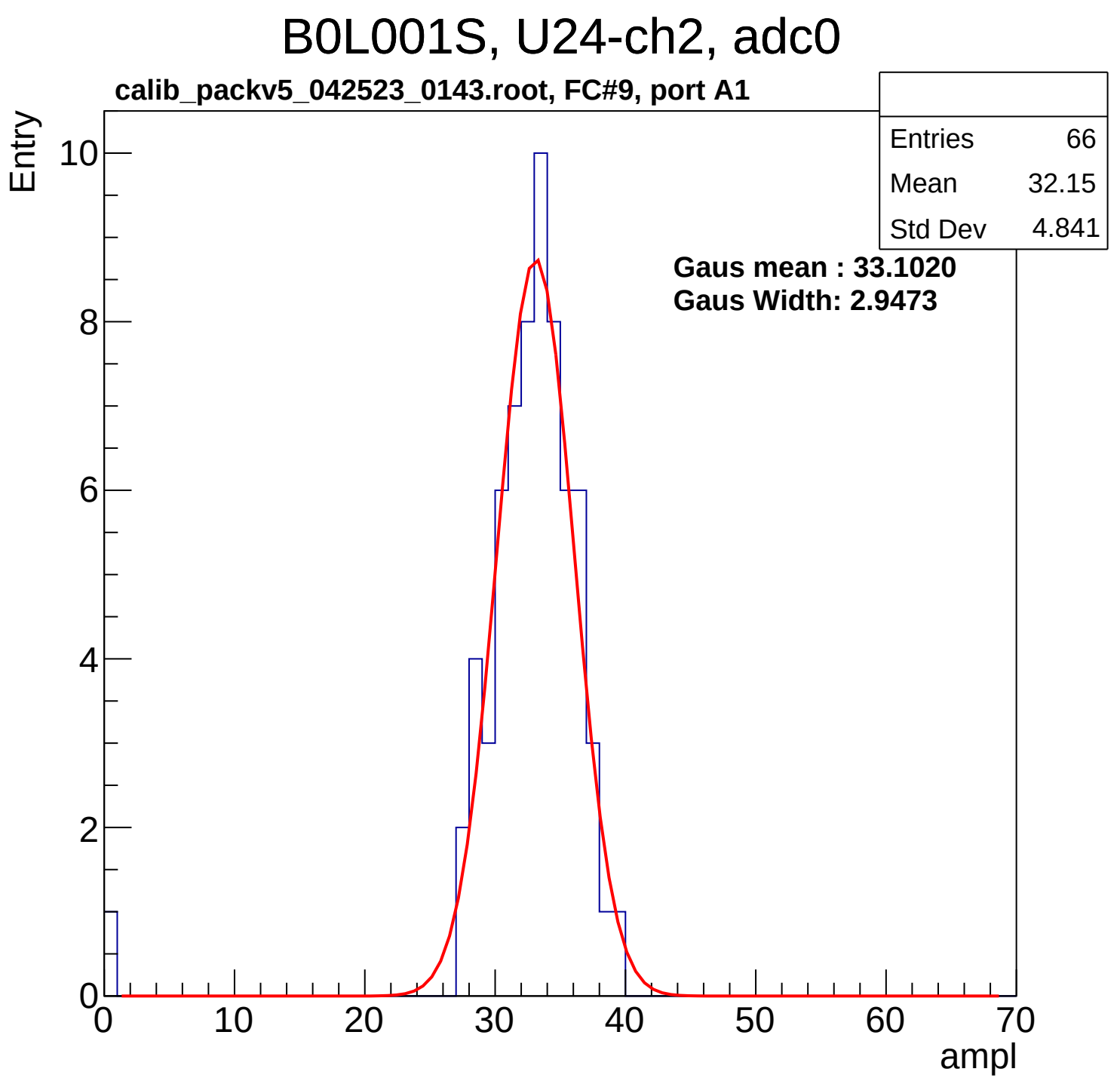
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch2, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 32.15
Std Dev 4.841
Gaus mean : 33.1020
Gaus Width: 2.9473
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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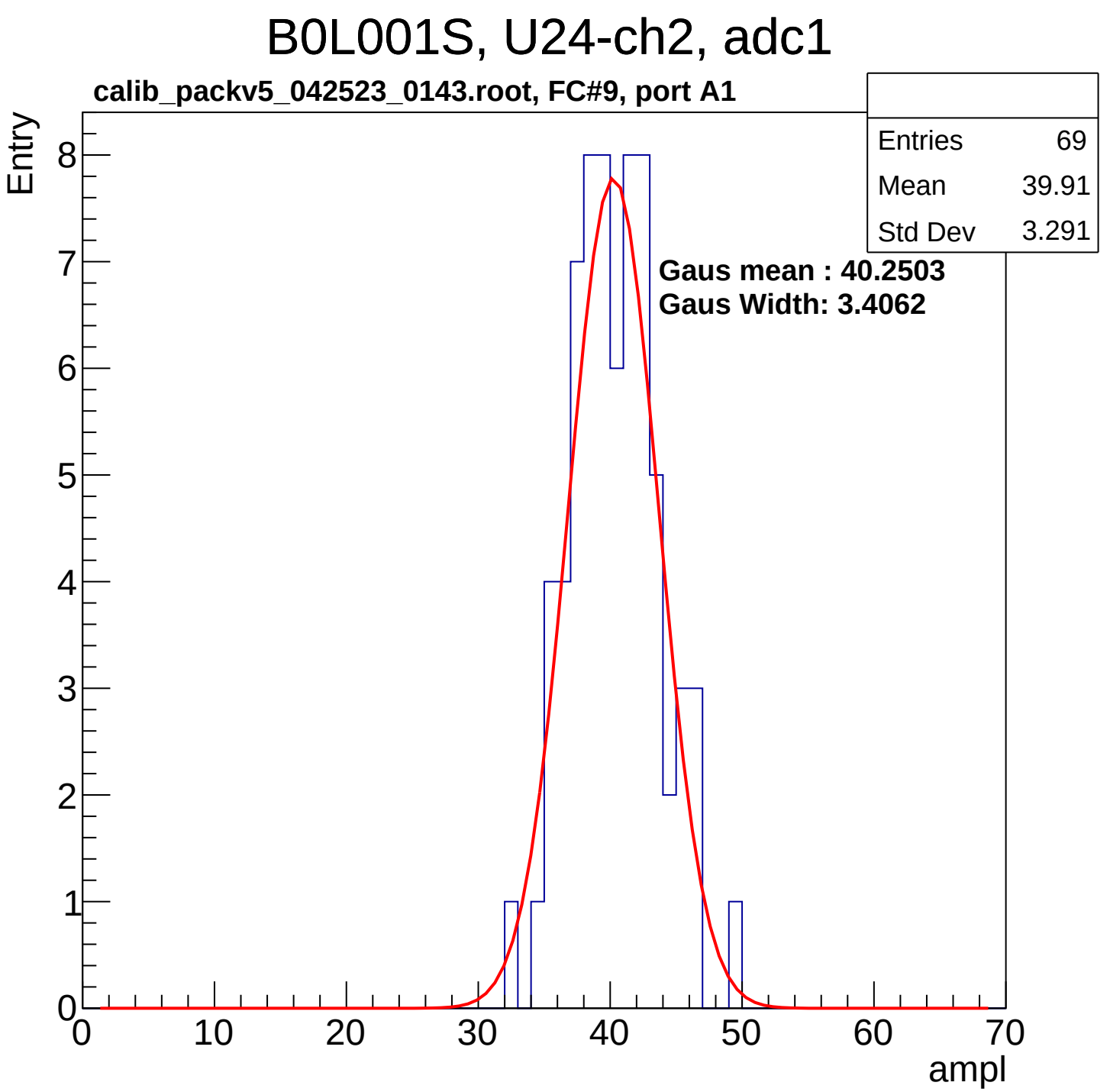
B0L001S, U24-ch2, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 39.91
Std Dev 3.291
Gaus mean : 40.2503
Gaus Width: 3.4062
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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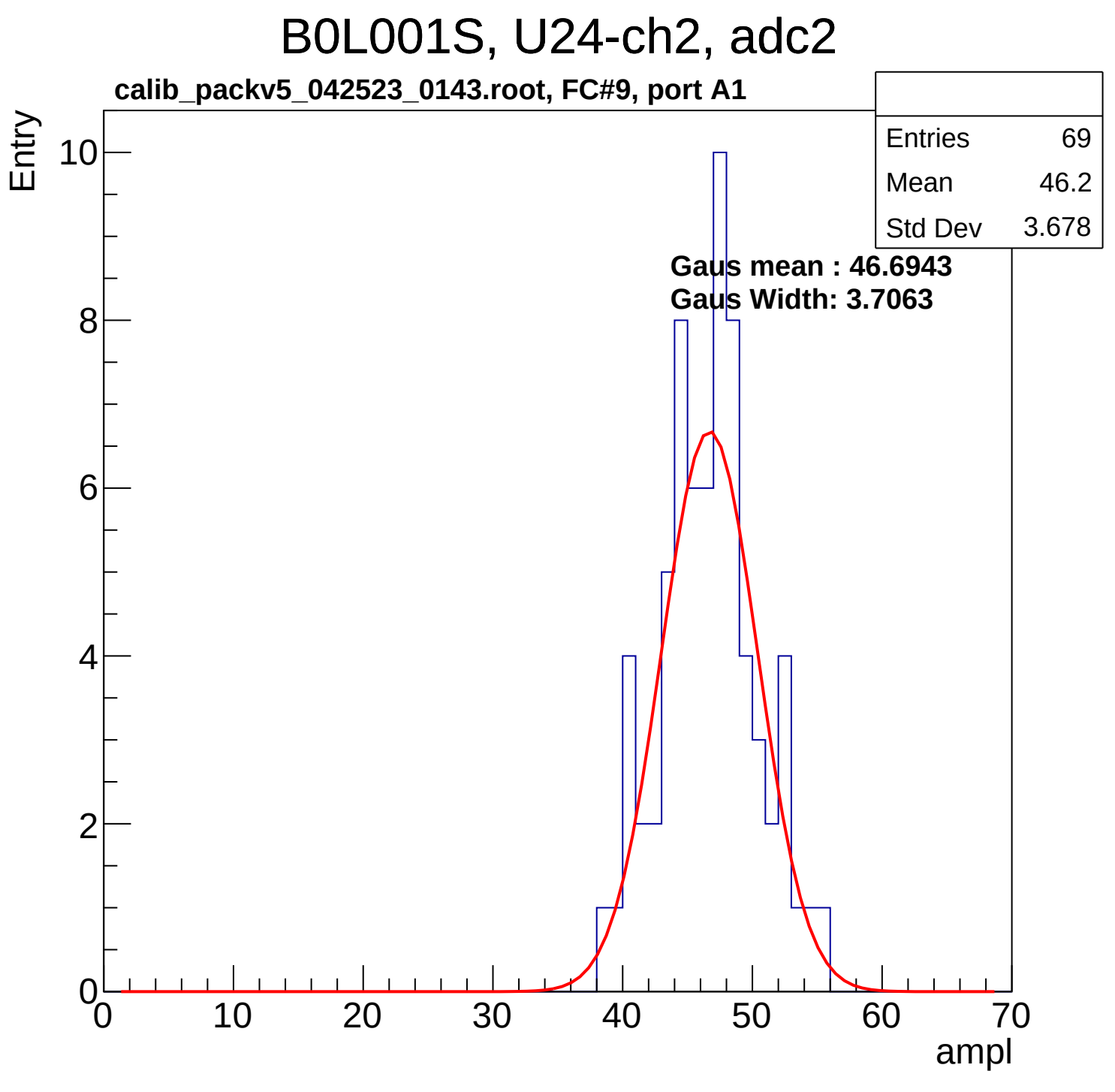
B0L001S, U24-ch2, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 46.2
Std Dev 3.678
Gaus mean : 46.6943
Gaus Width: 3.7063
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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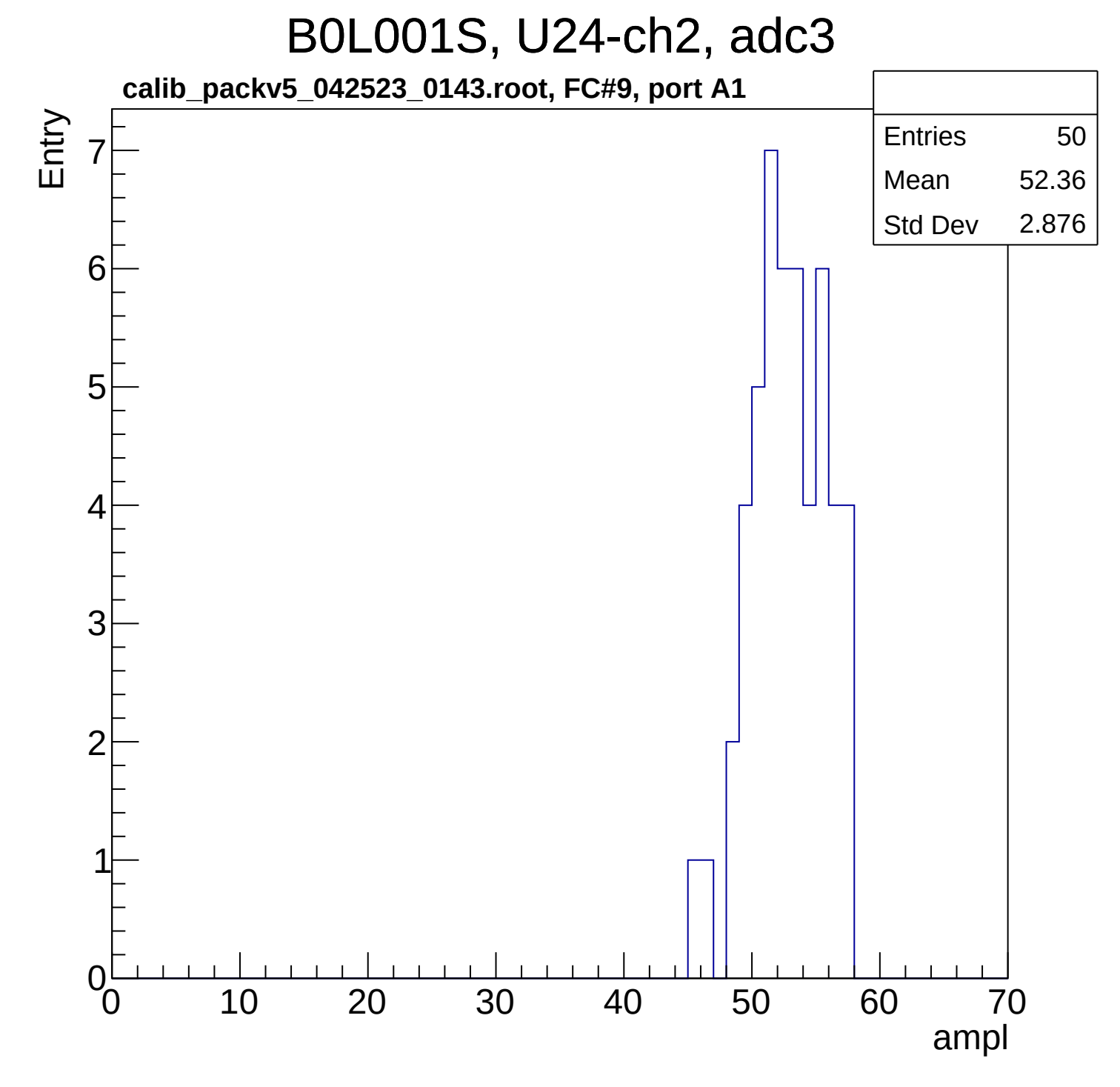
B0L001S, U24-ch2, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 52.36
Std Dev 2.876
Entry
ampl
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1
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3
4
5
6
7
0
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60
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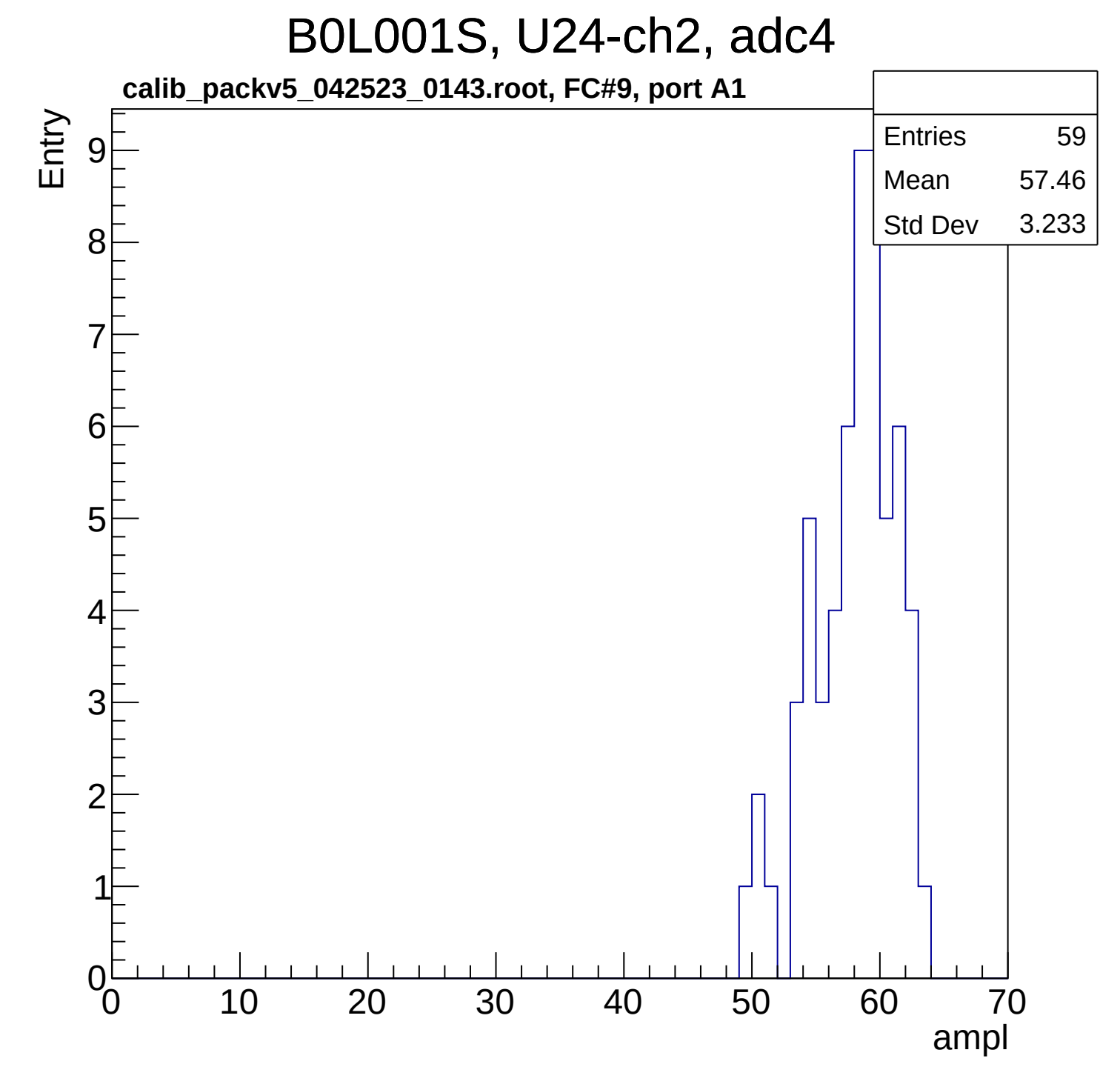
B0L001S, U24-ch2, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 57.46
Std Dev 3.233
Entry
ampl
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3
4
5
6
7
8
9
0
10
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60
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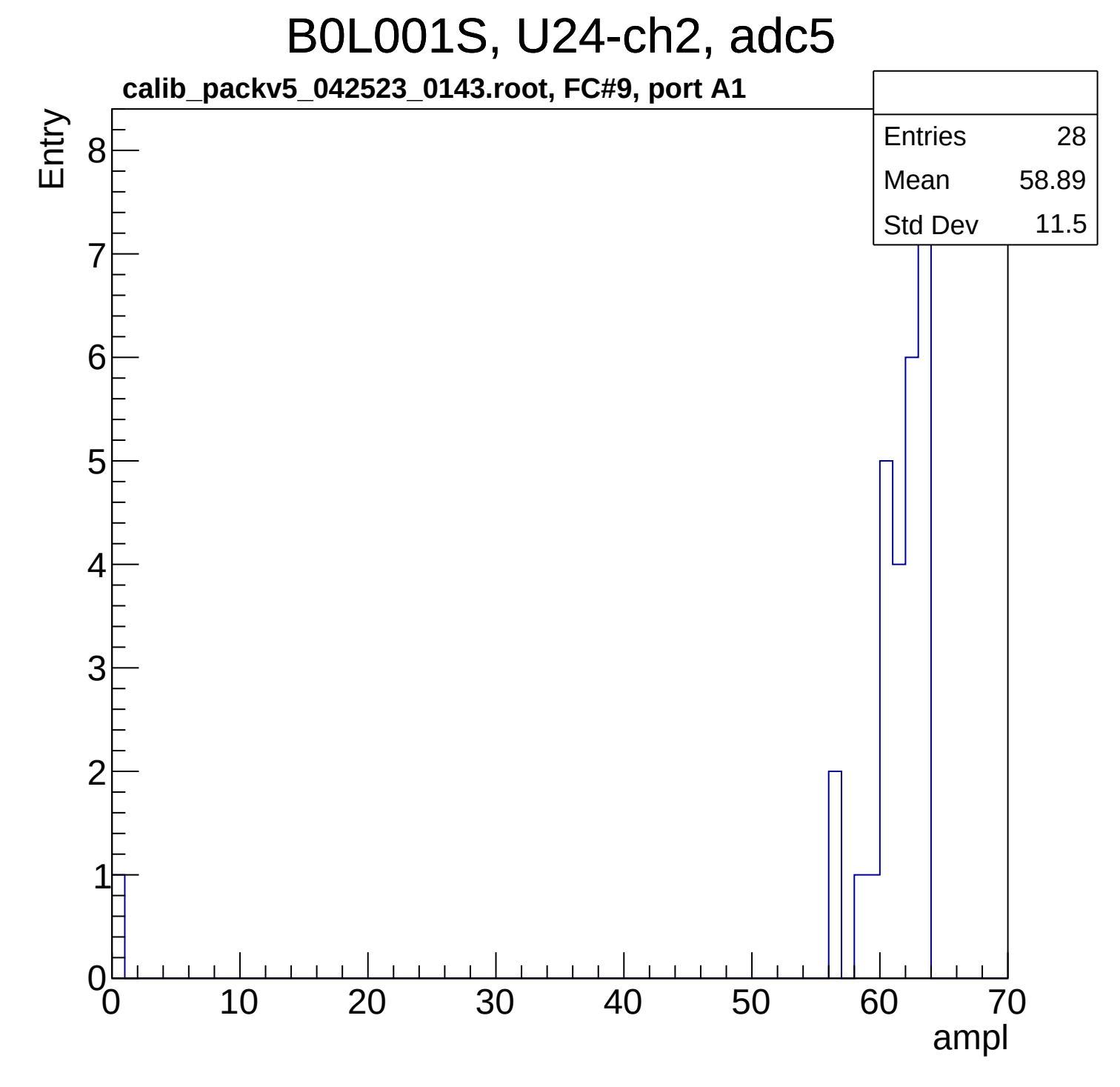
B0L001S, U24-ch2, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 28
Mean 58.89
Std Dev 11.5
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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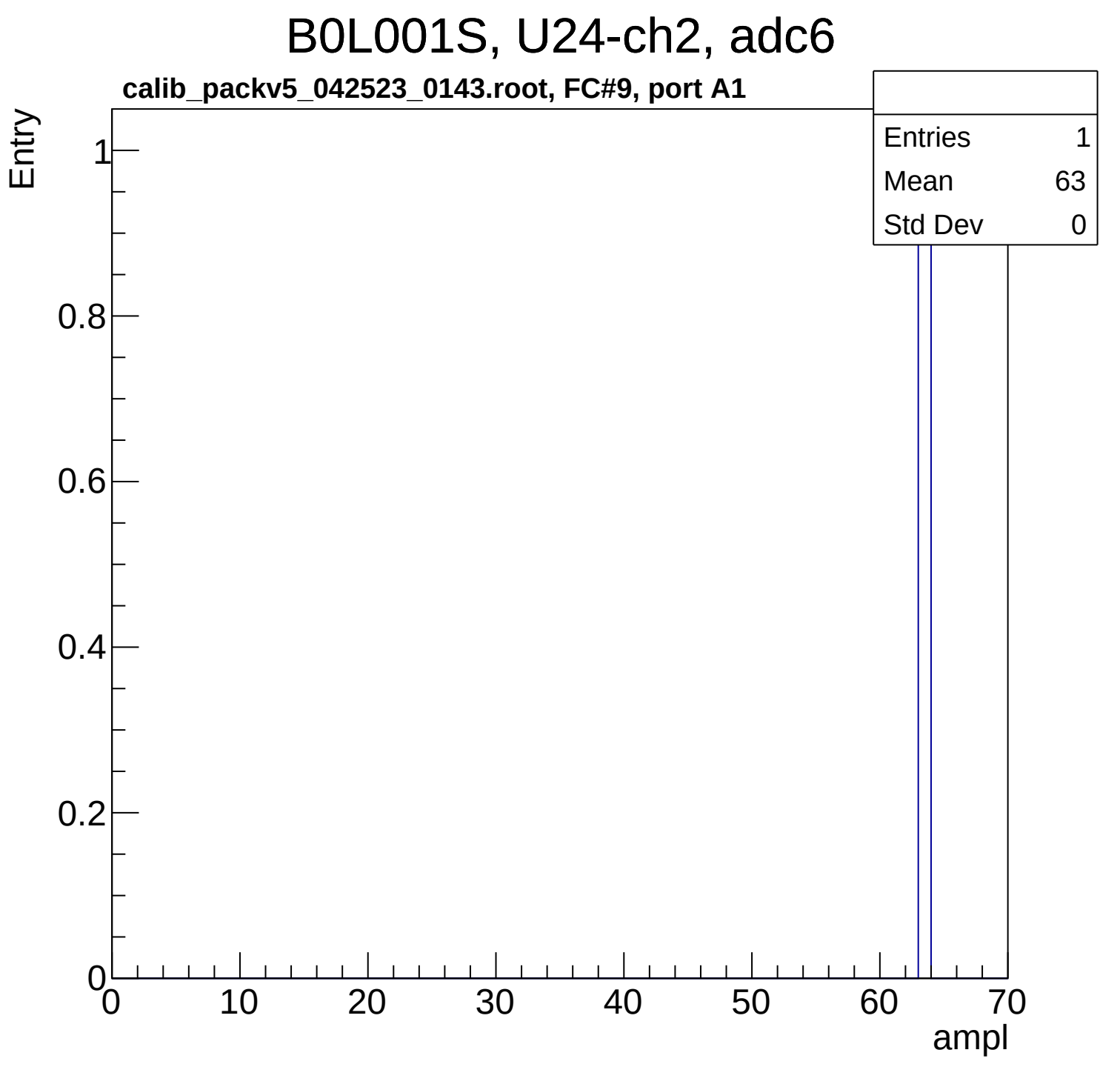
B0L001S, U24-ch2, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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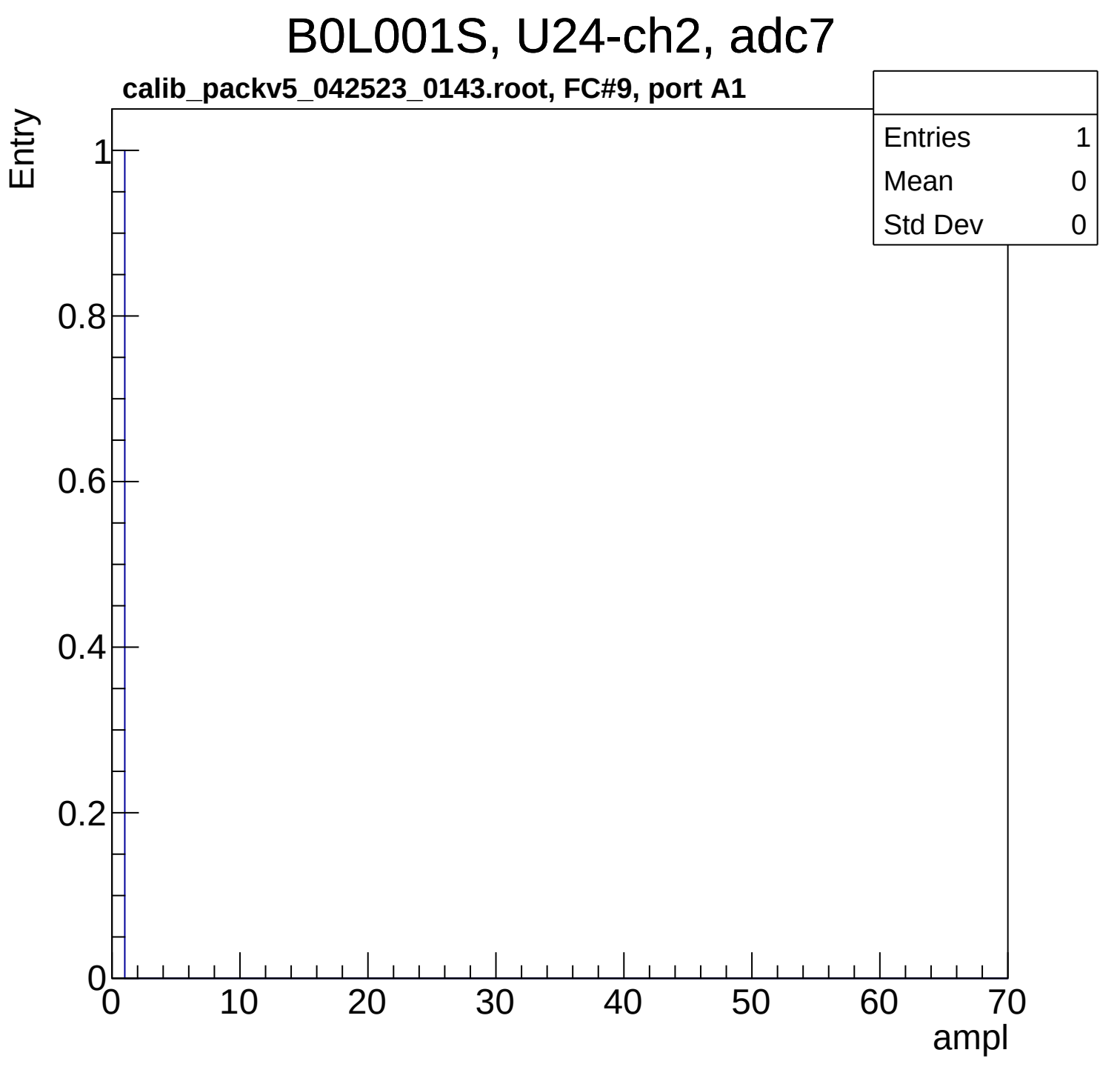
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch2, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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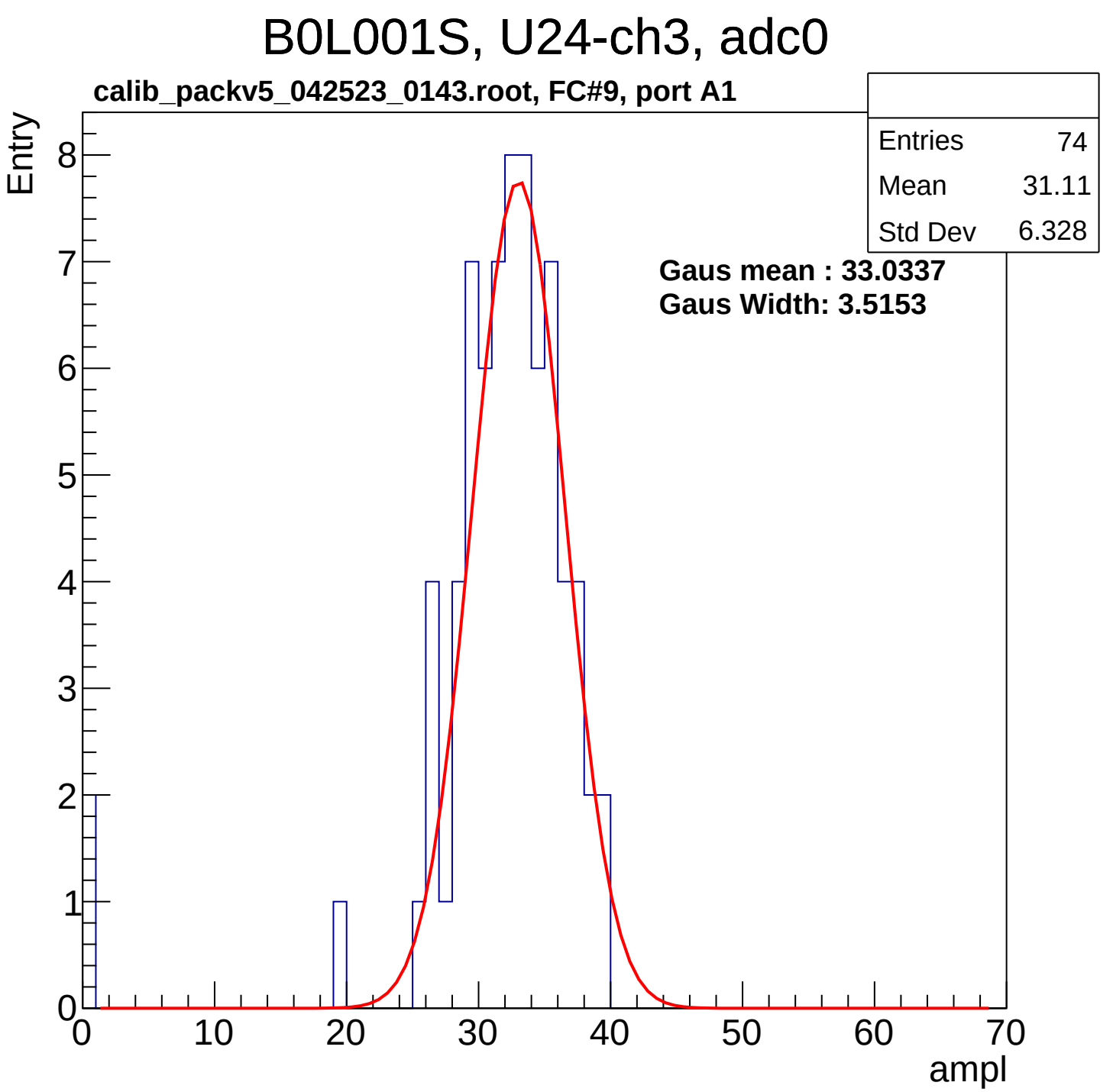
50
60
70
ampl


B0L001S, U24-ch3, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 31.11
Std Dev 6.328
Gaus mean : 33.0337
Gaus Width: 3.5153
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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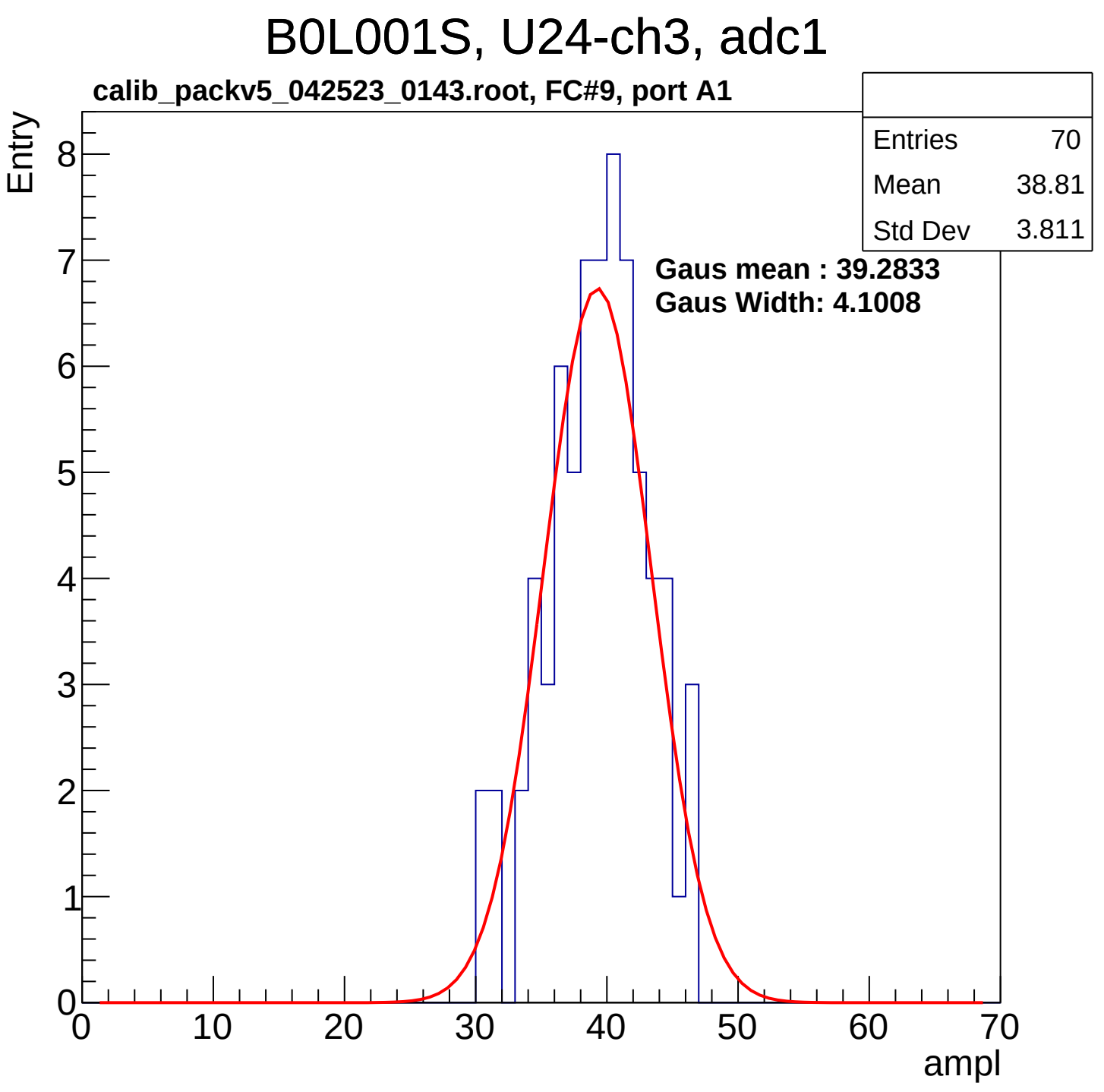
B0L001S, U24-ch3, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 38.81
Std Dev 3.811
Gaus mean : 39.2833
Gaus Width: 4.1008
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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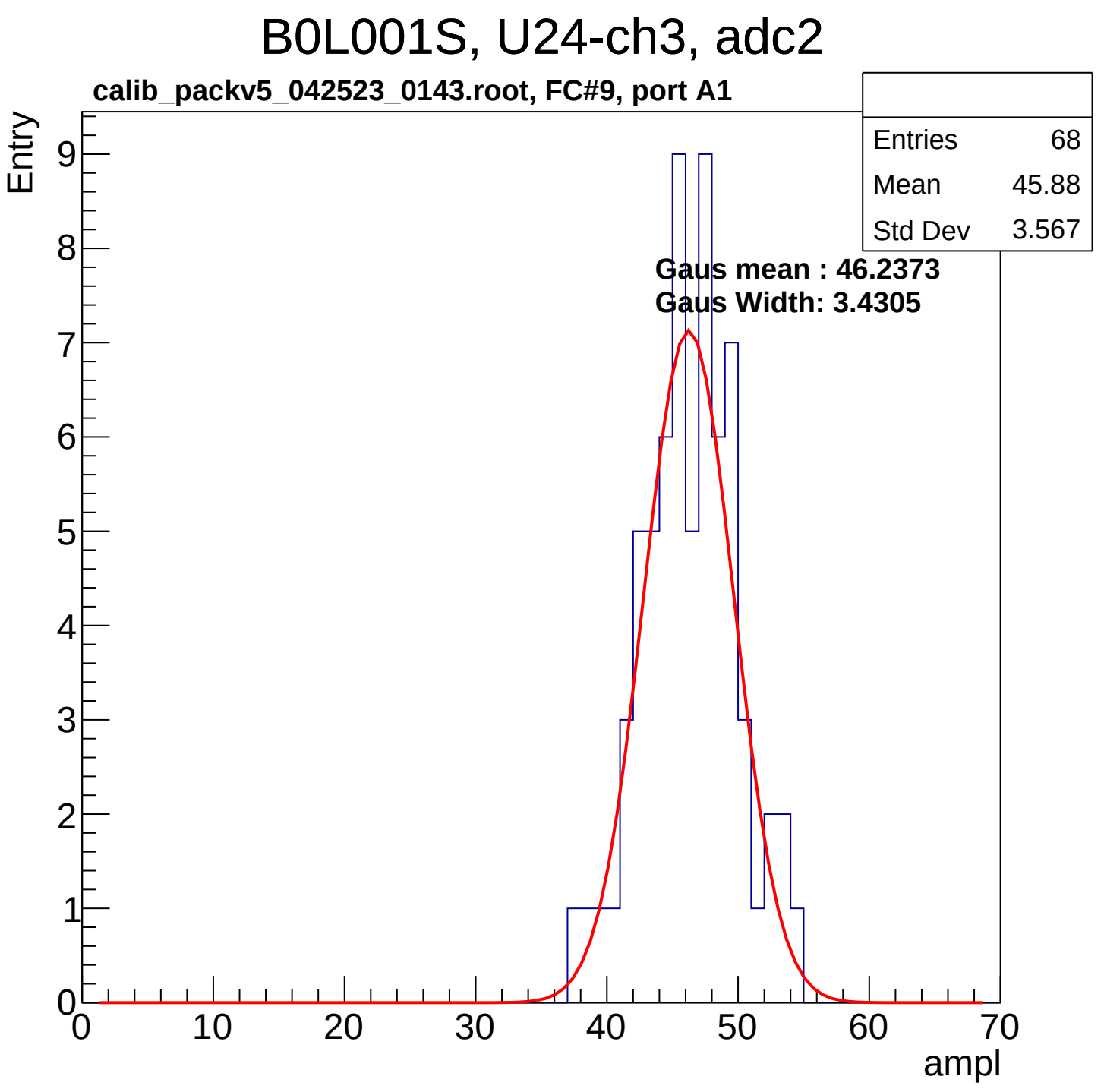
B0L001S, U24-ch3, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 45.88
Std Dev 3.567
Gaus mean : 46.2373
Gaus Width: 3.4305
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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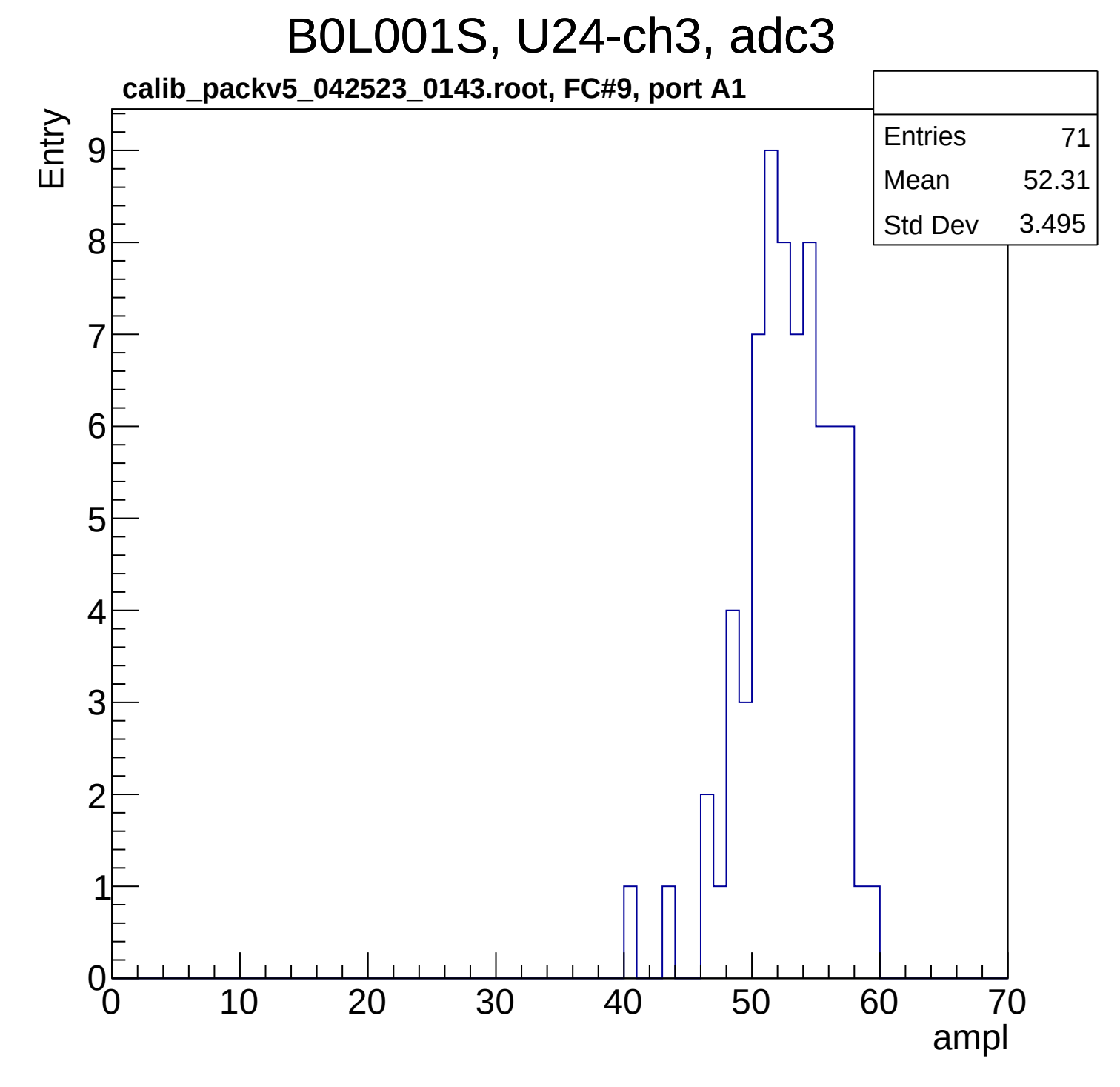
B0L001S, U24-ch3, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 52.31
Std Dev 3.495
Entry
ampl
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3
4
5
6
7
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0
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60
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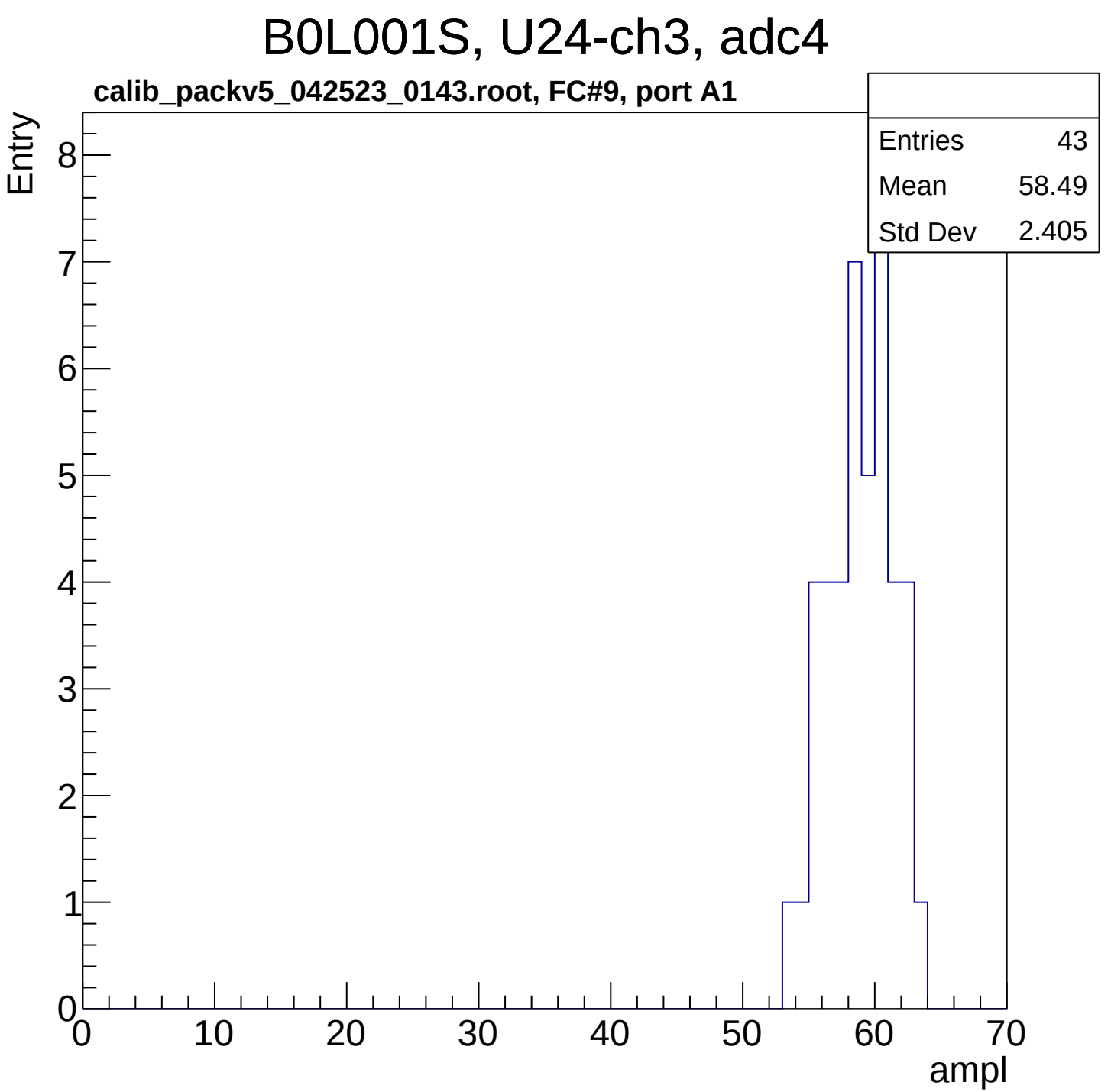
B0L001S, U24-ch3, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 58.49
Std Dev 2.405
Entry
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2
3
4
5
6
7
8
0
10
20
30
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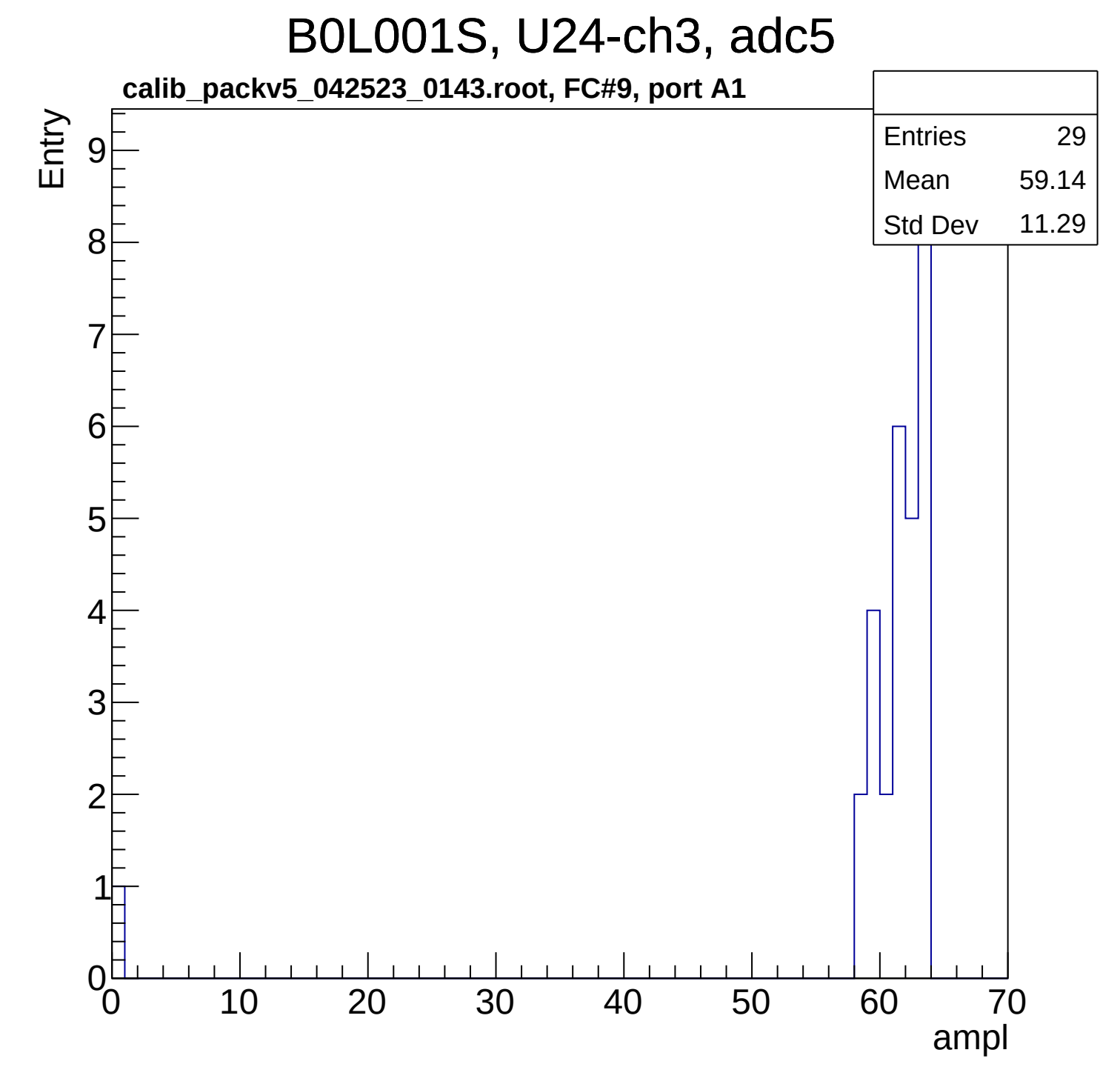
50
60
70
ampl


B0L001S, U24-ch3, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 59.14
Std Dev 11.29
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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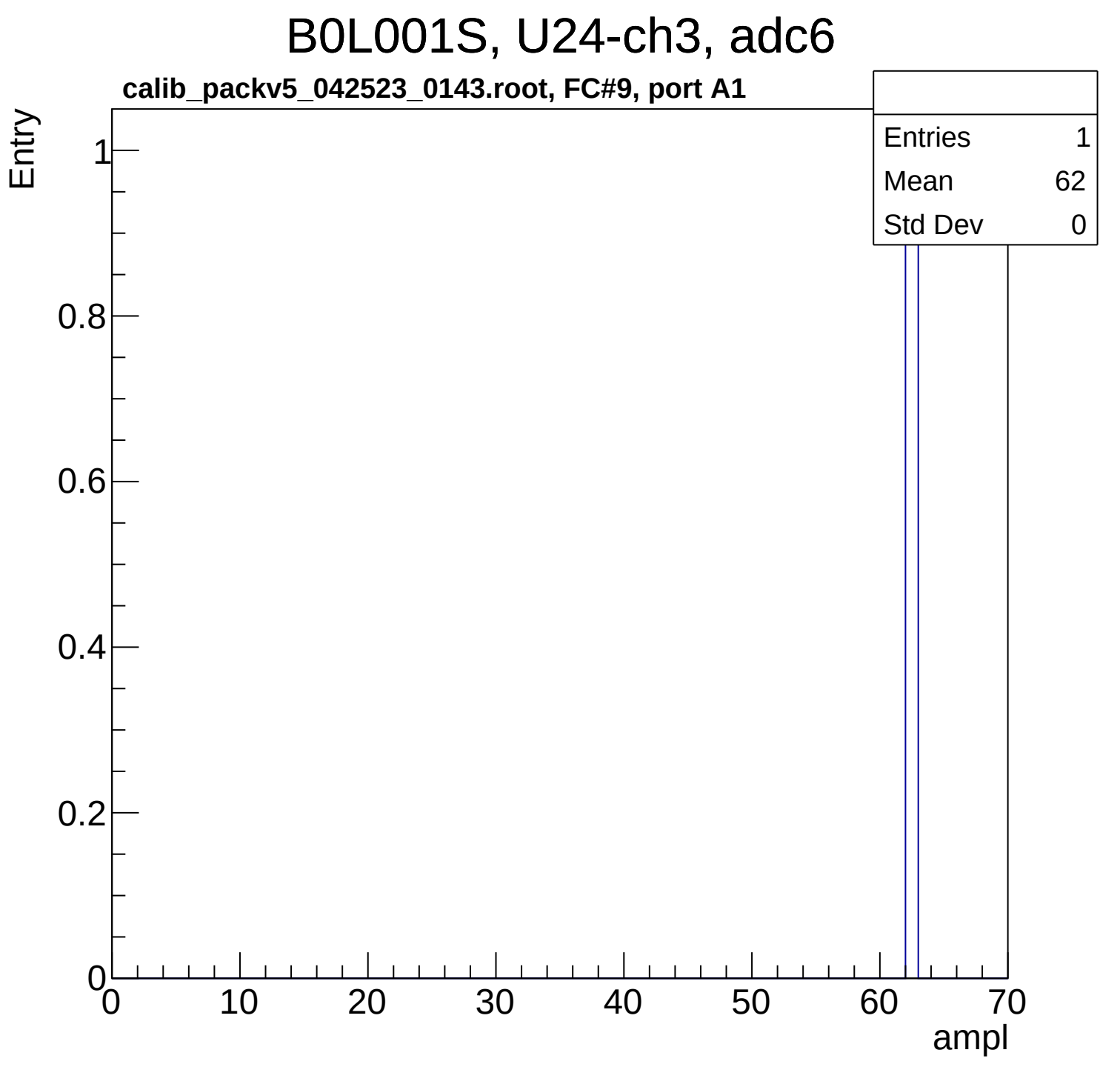
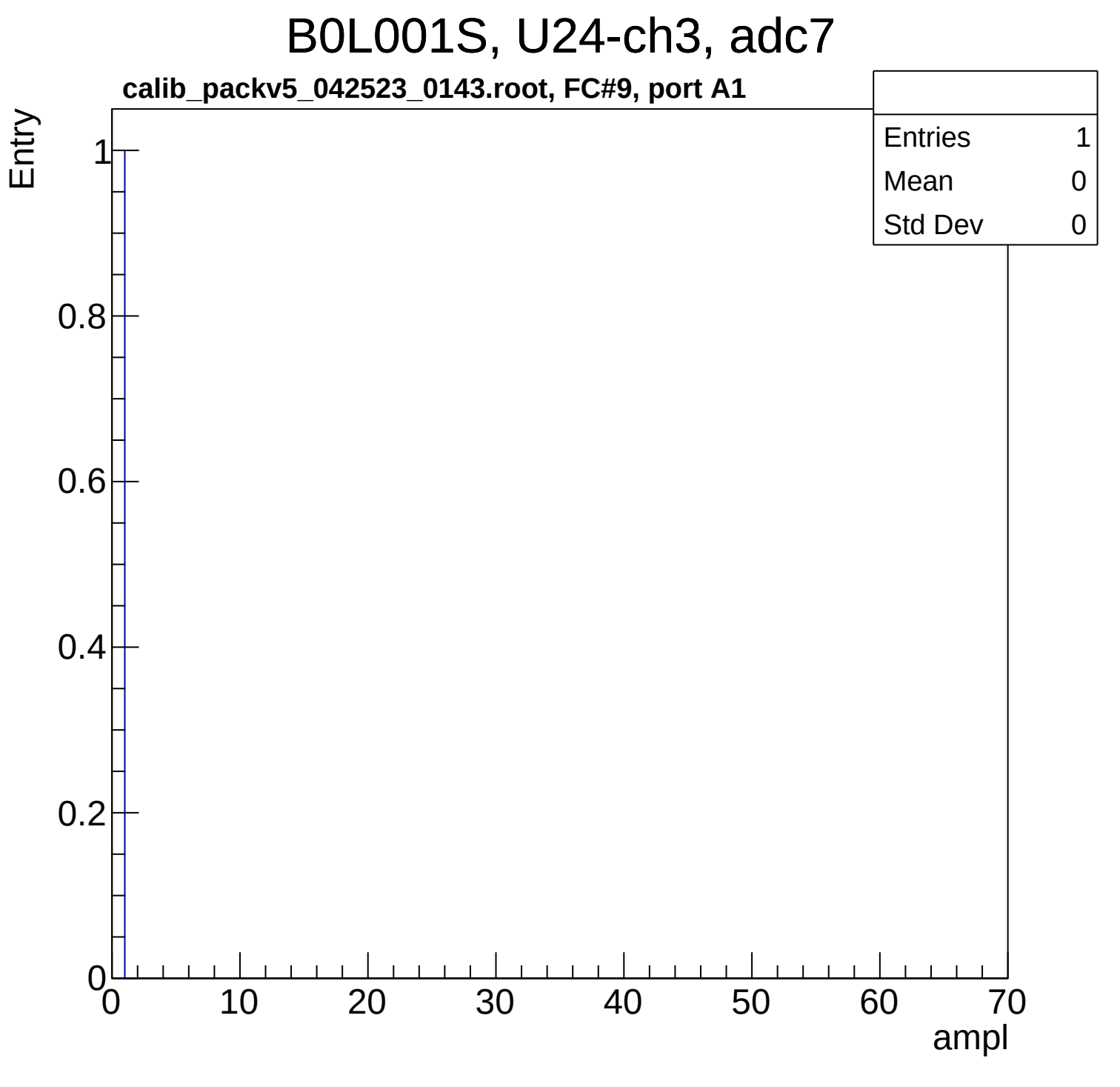

B0L001S, U24-ch3, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch3, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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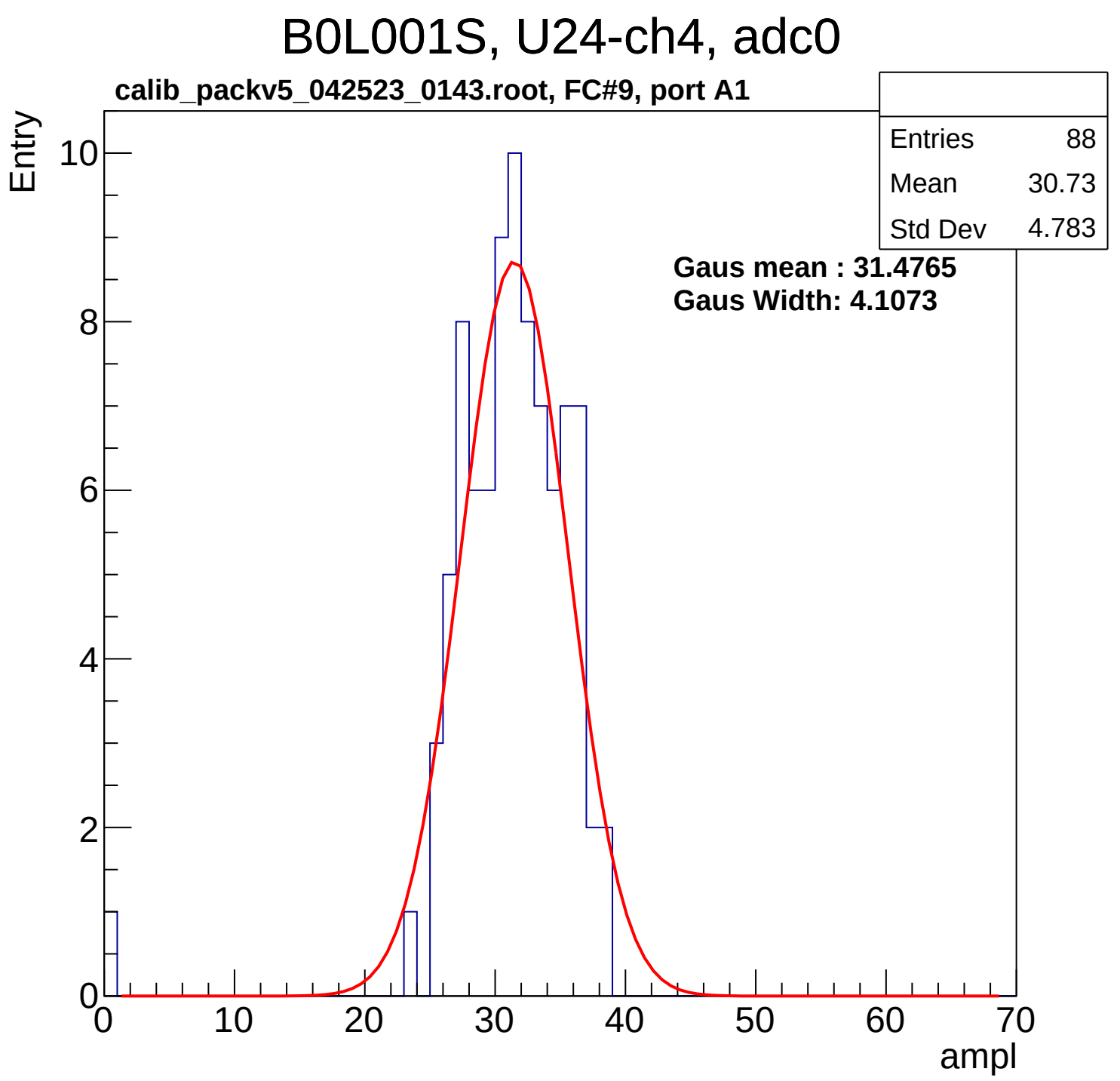
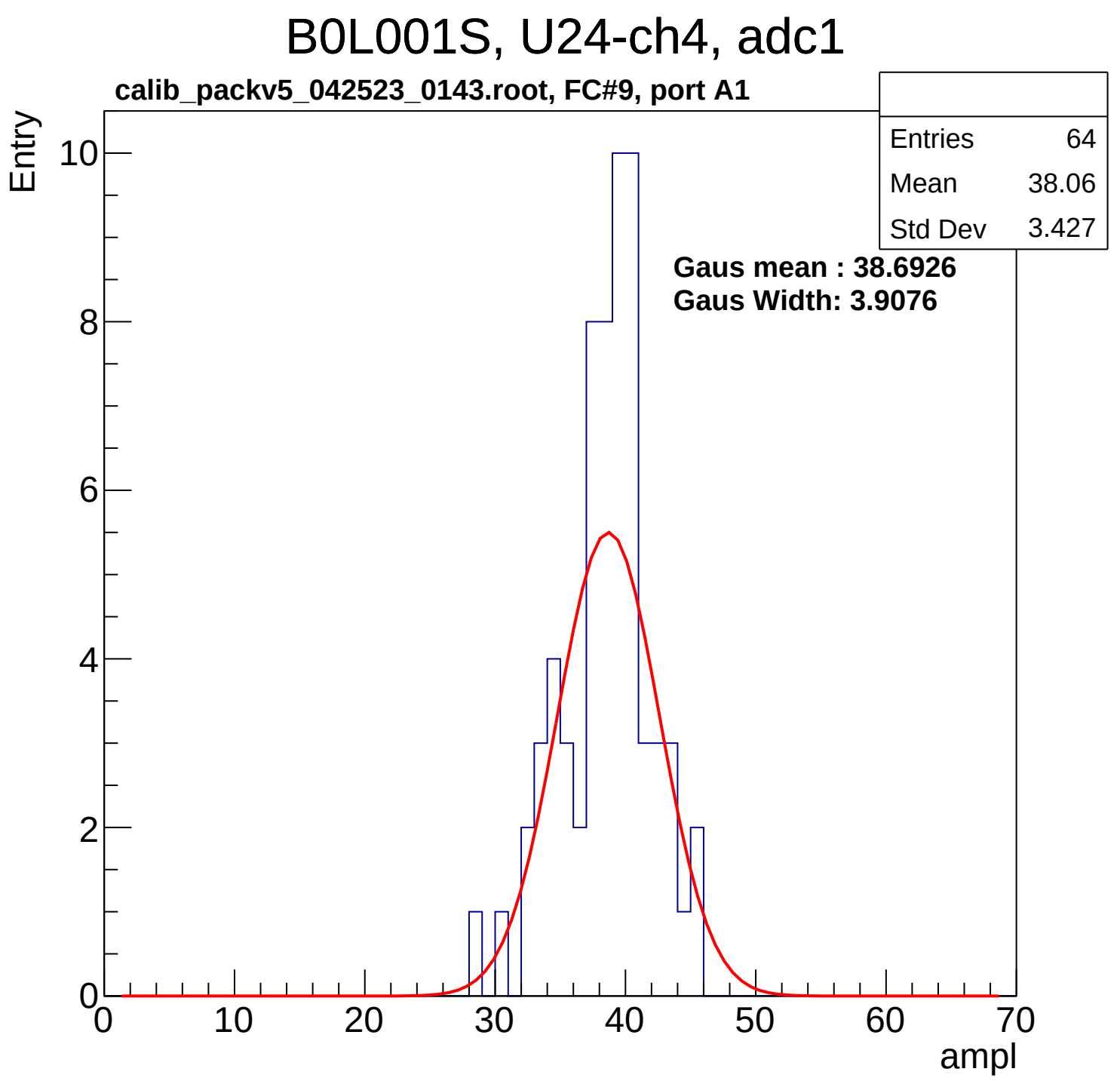
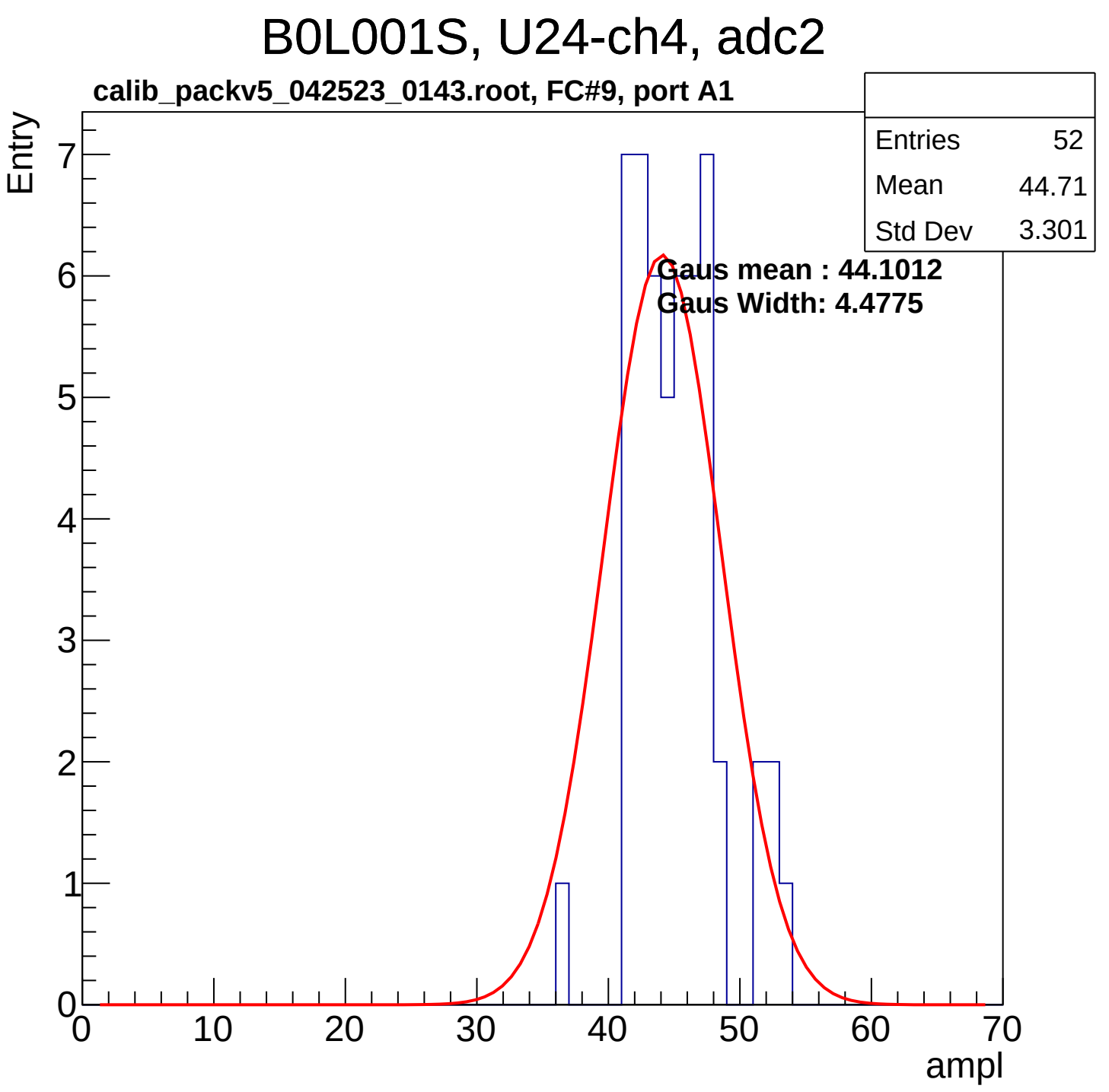
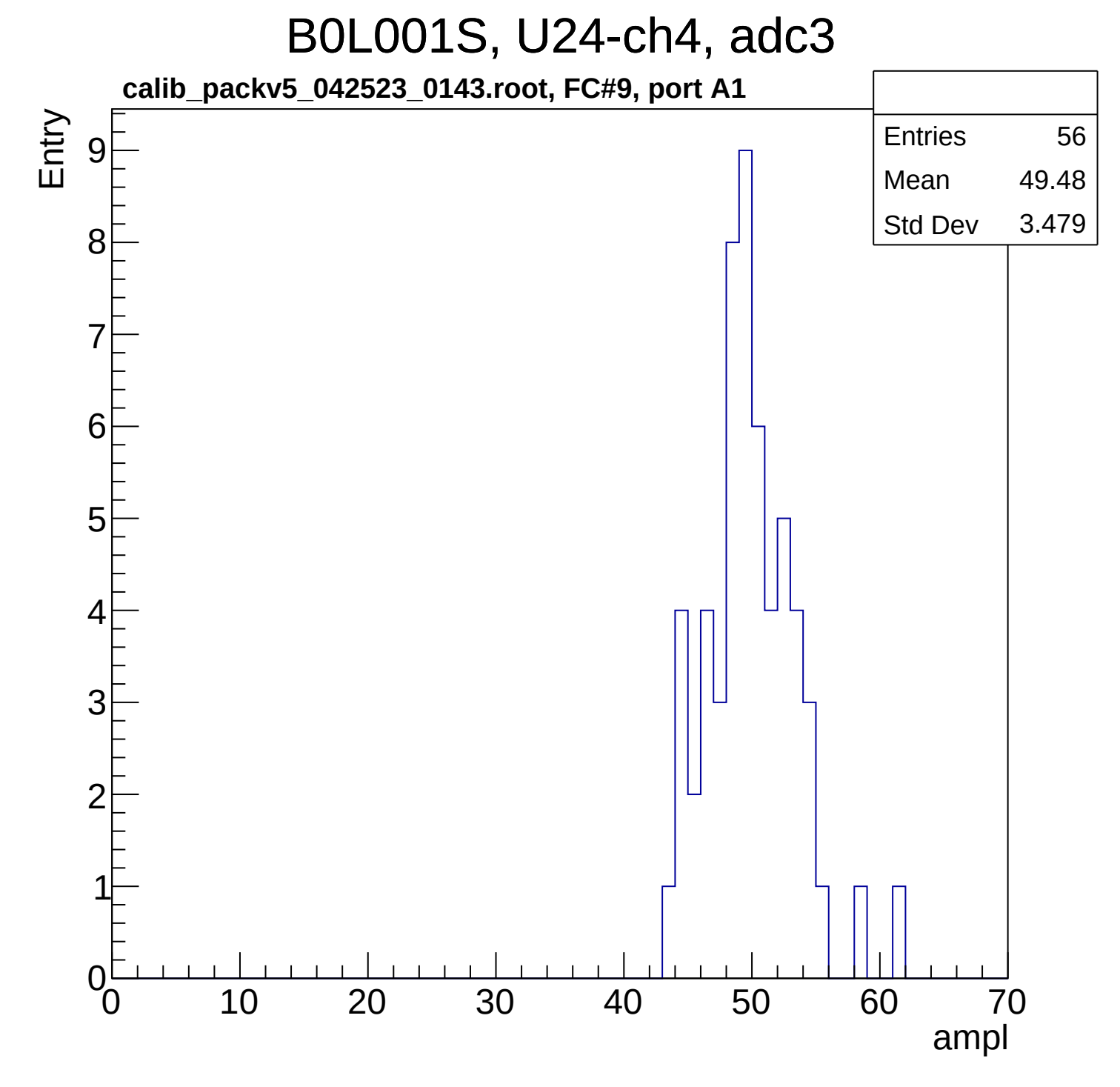
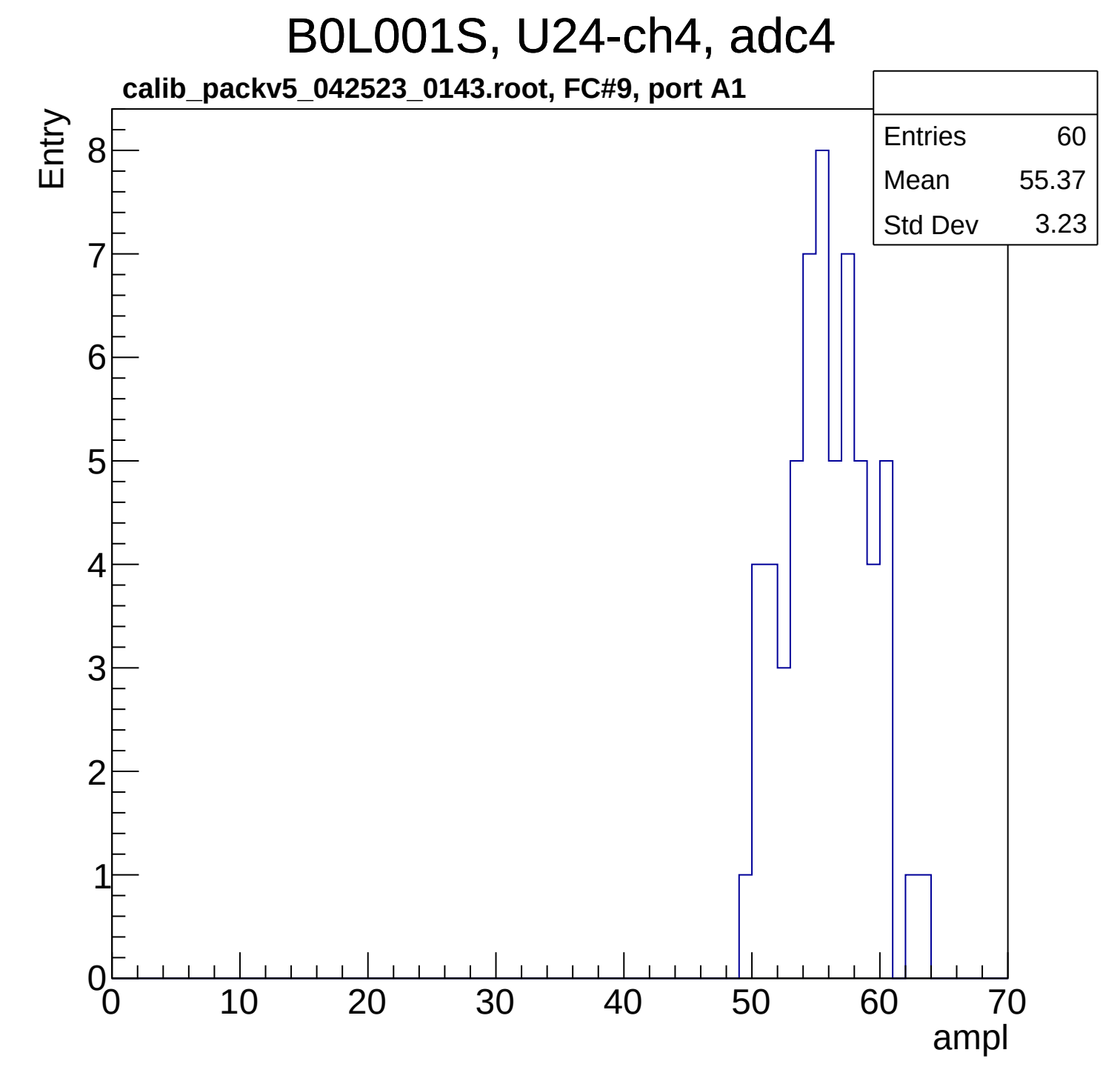
40
50
60
70
ampl

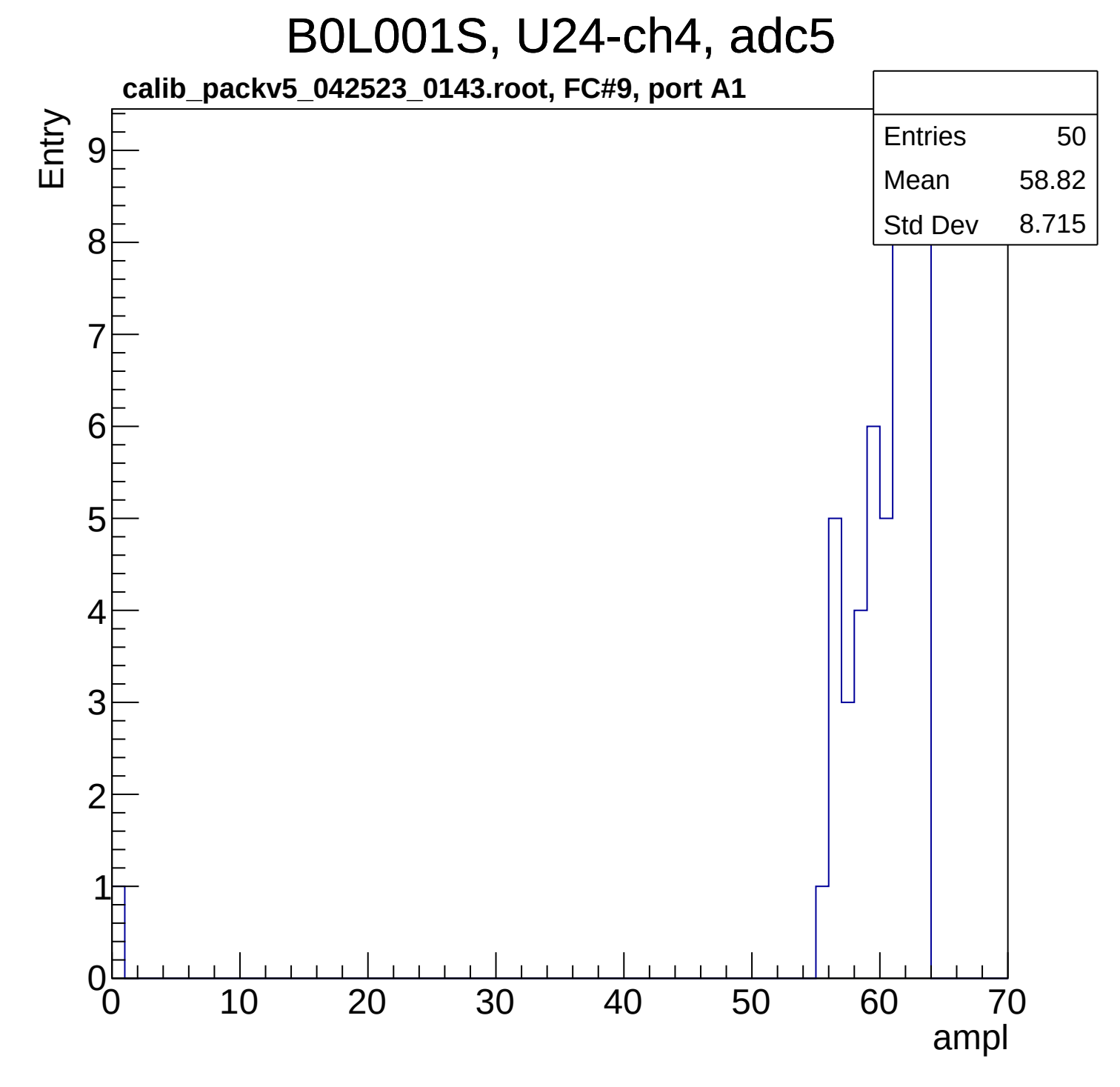

B0L001S, U24-ch4, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 88
Mean 30.73
Std Dev 4.783
Gaus mean : 31.4765
Gaus Width: 4.1073
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch4, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 38.06
Std Dev 3.427
Gaus mean : 38.6926
Gaus Width: 3.9076
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch4, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 44.71
Std Dev 3.301
Gaus mean : 44.1012
Gaus Width: 4.4775
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch4, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 49.48
Std Dev 3.479
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch4, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 55.37
Std Dev 3.23
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch4, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 58.82
Std Dev 8.715
Entry
ampl
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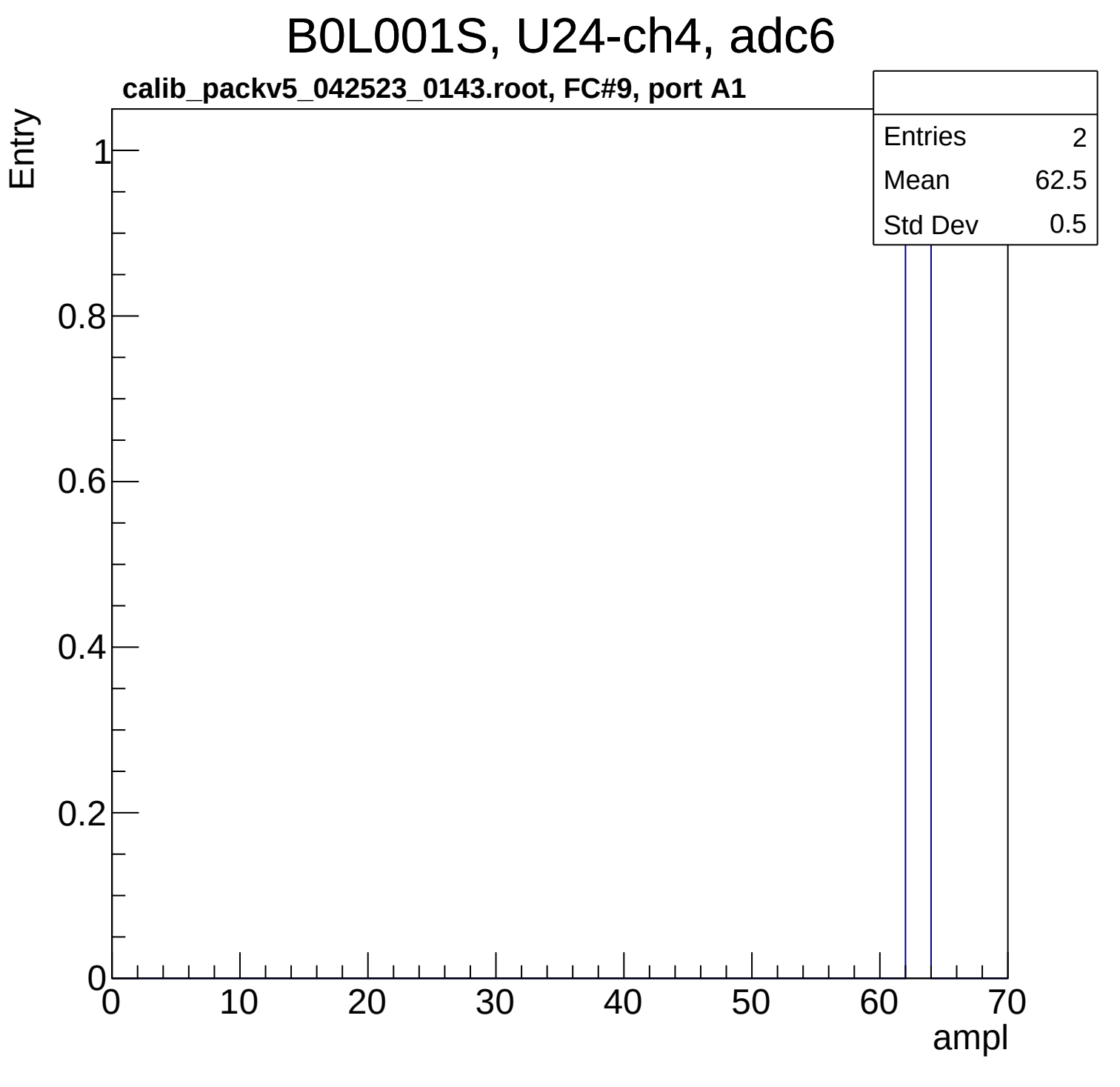
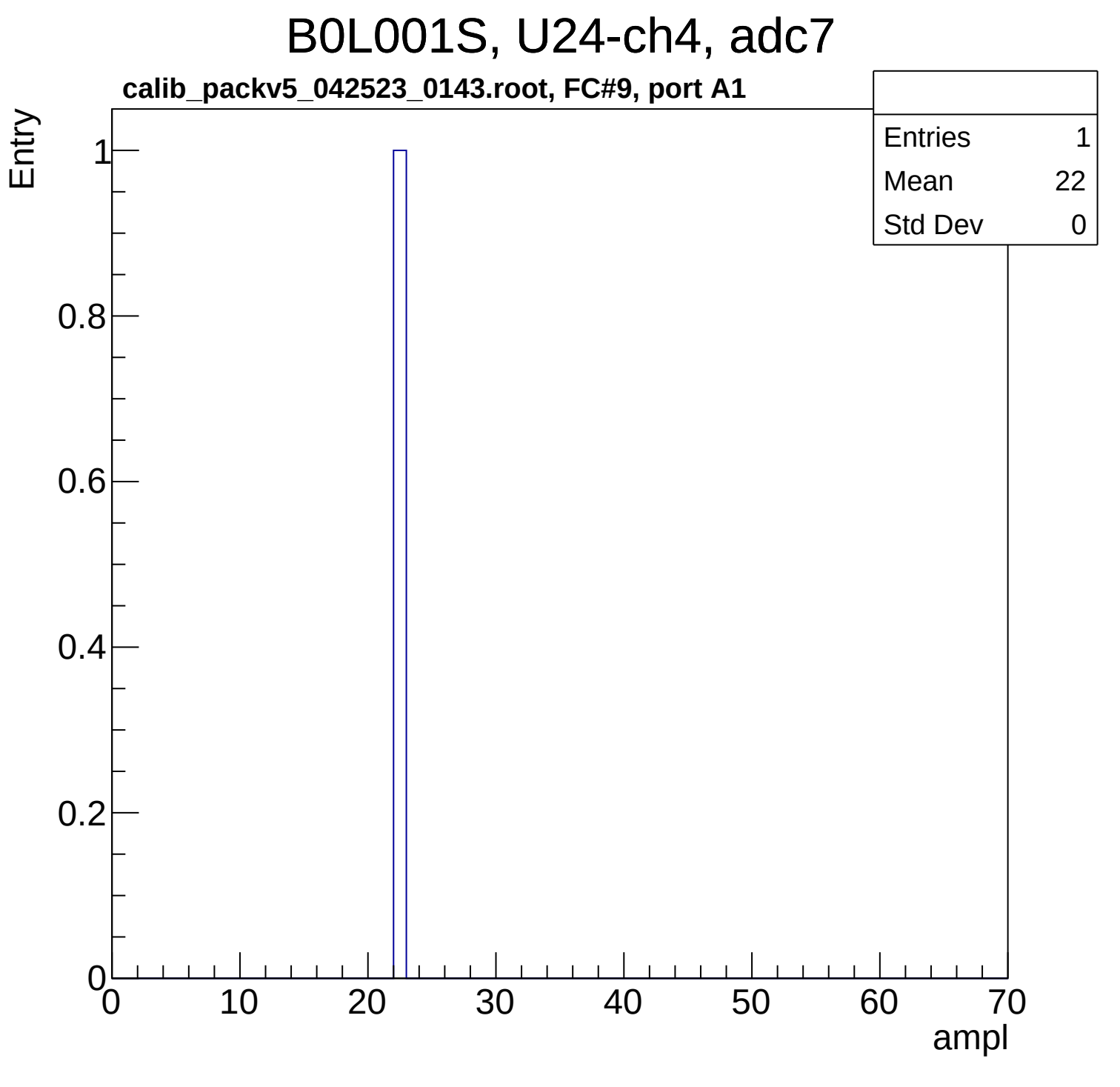
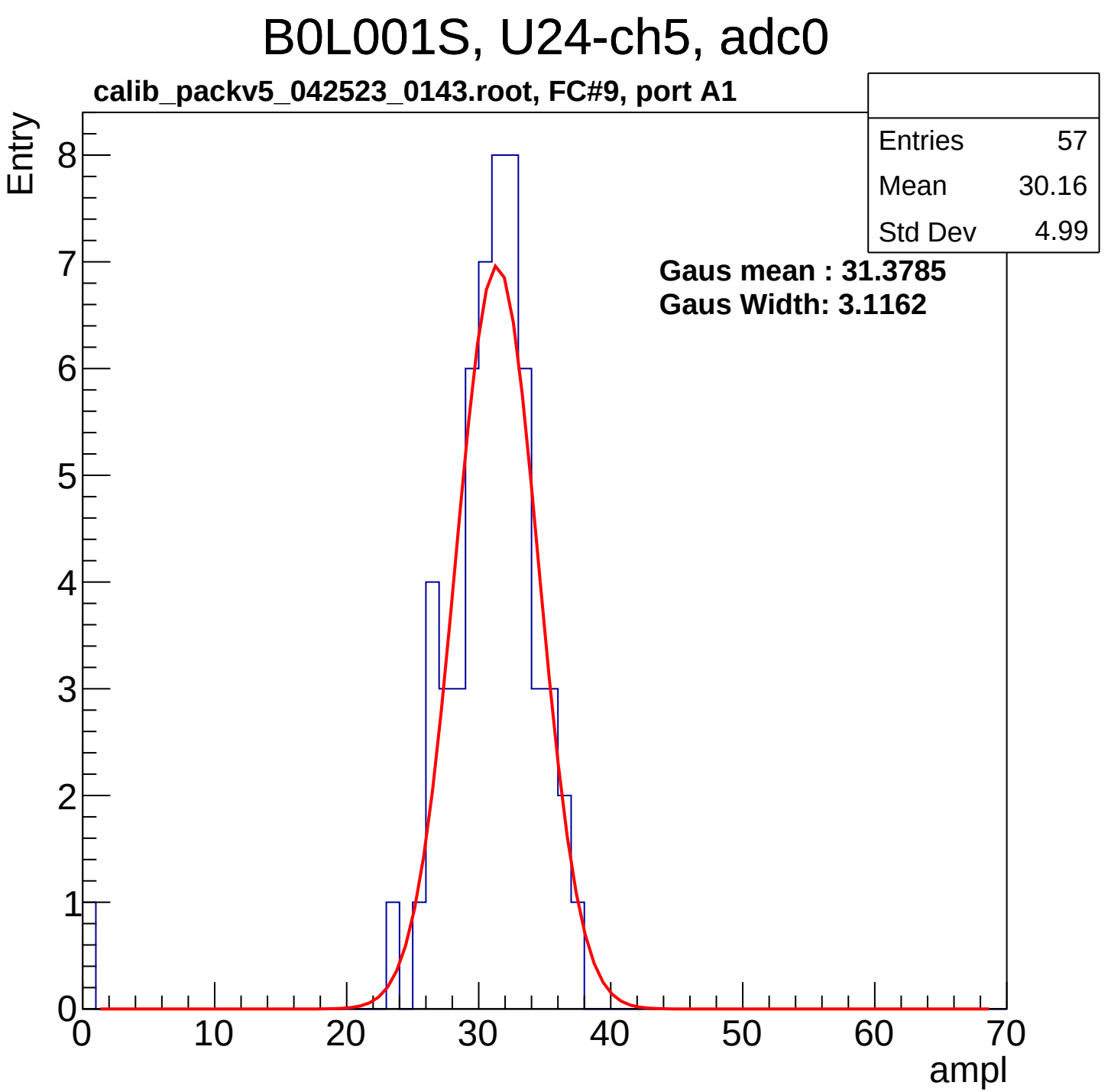
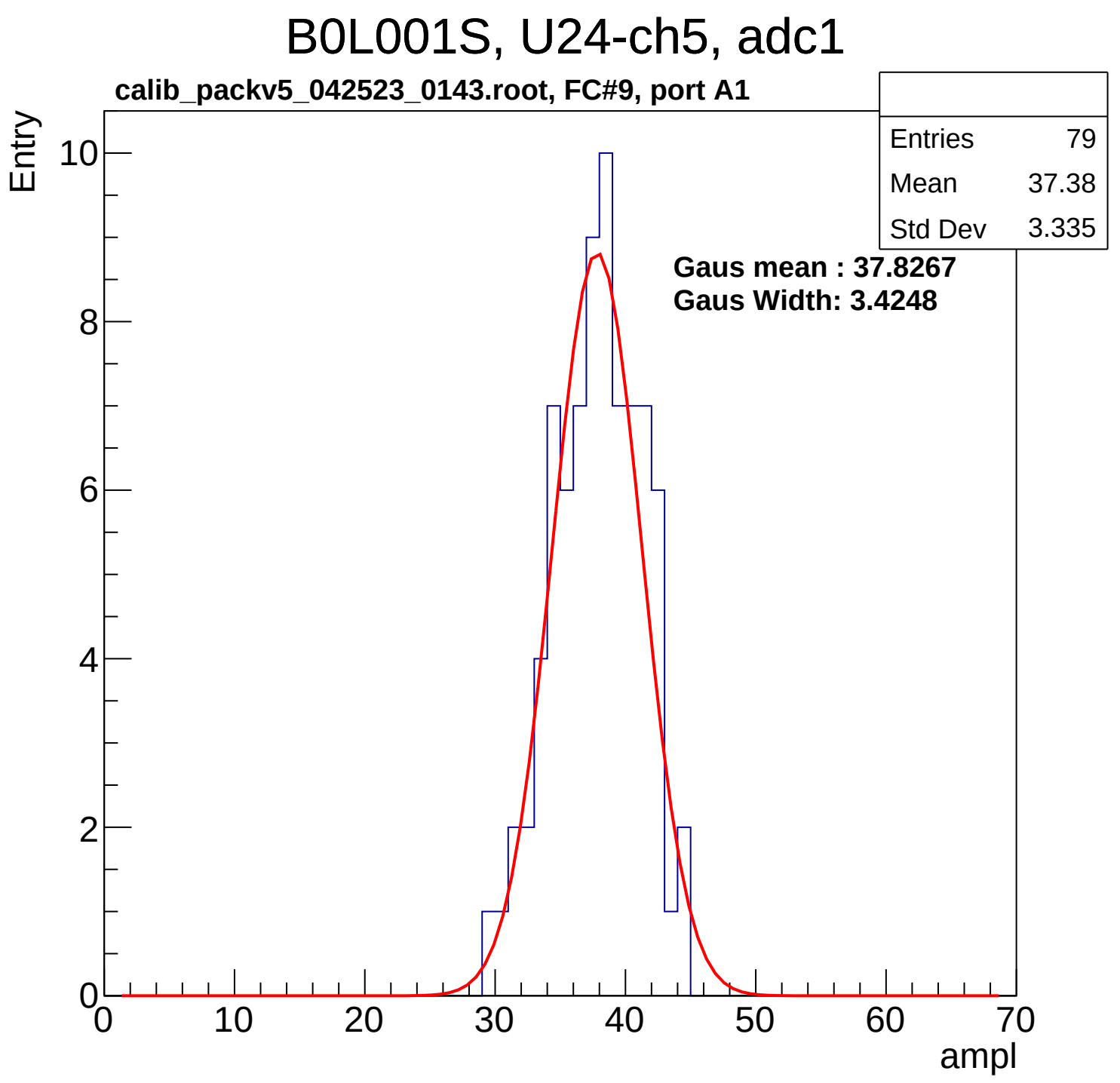
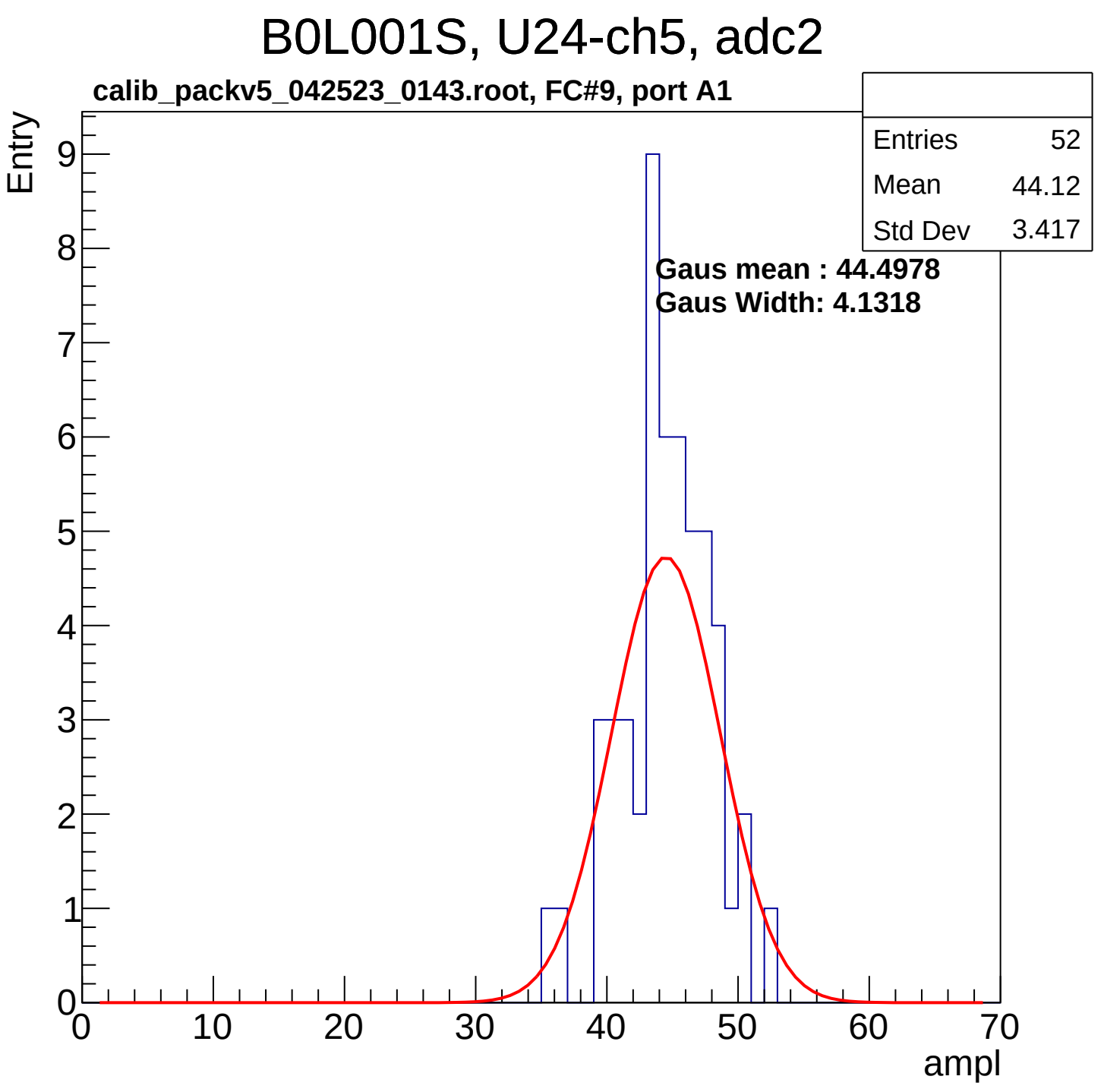
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch4, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch4, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch5, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 30.16
Std Dev 4.99
Gaus mean : 31.3785
Gaus Width: 3.1162
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch5, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 37.38
Std Dev 3.335
Gaus mean : 37.8267
Gaus Width: 3.4248
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch5, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 44.12
Std Dev 3.417
Gaus mean : 44.4978
Gaus Width: 4.1318
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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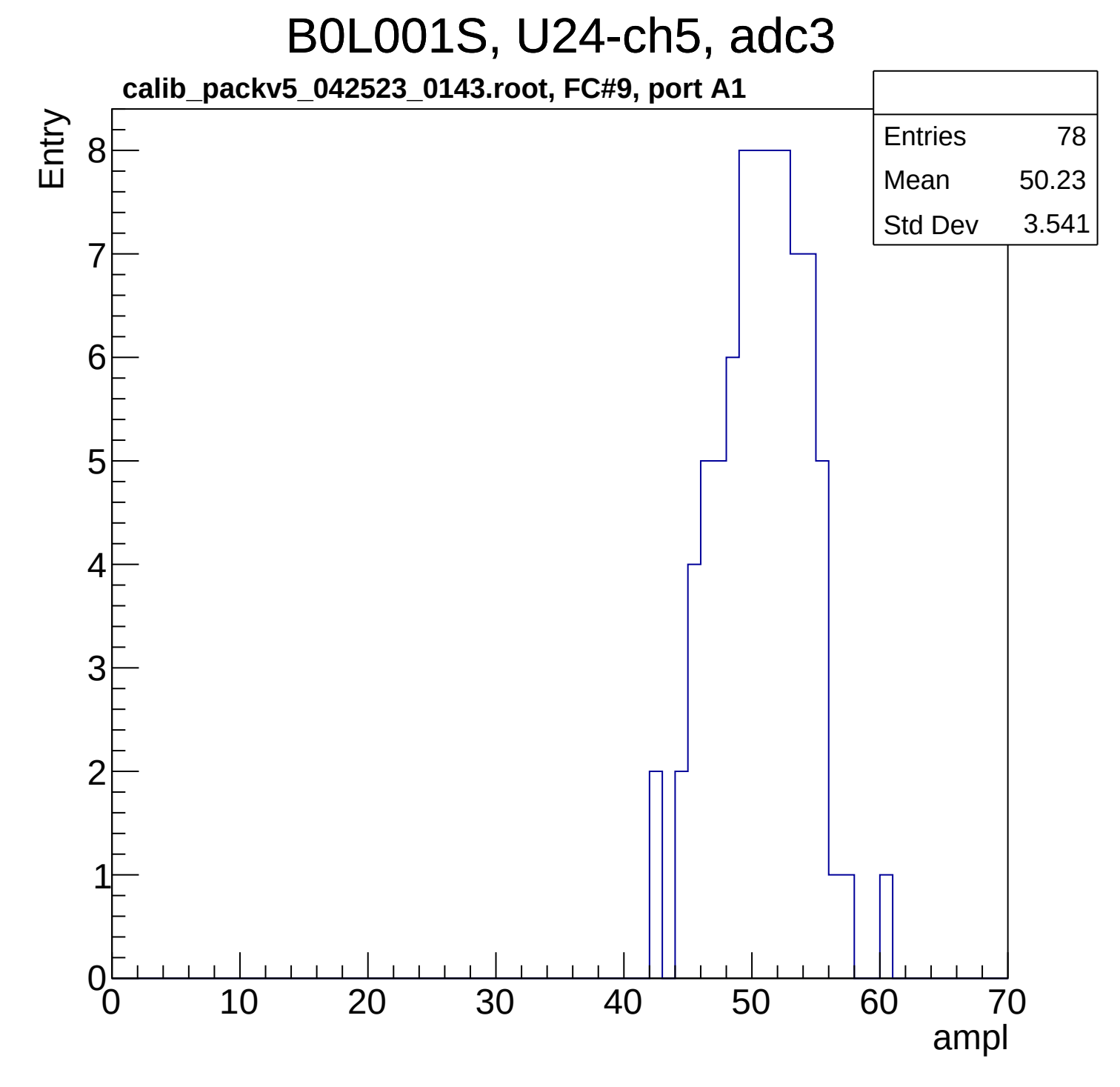
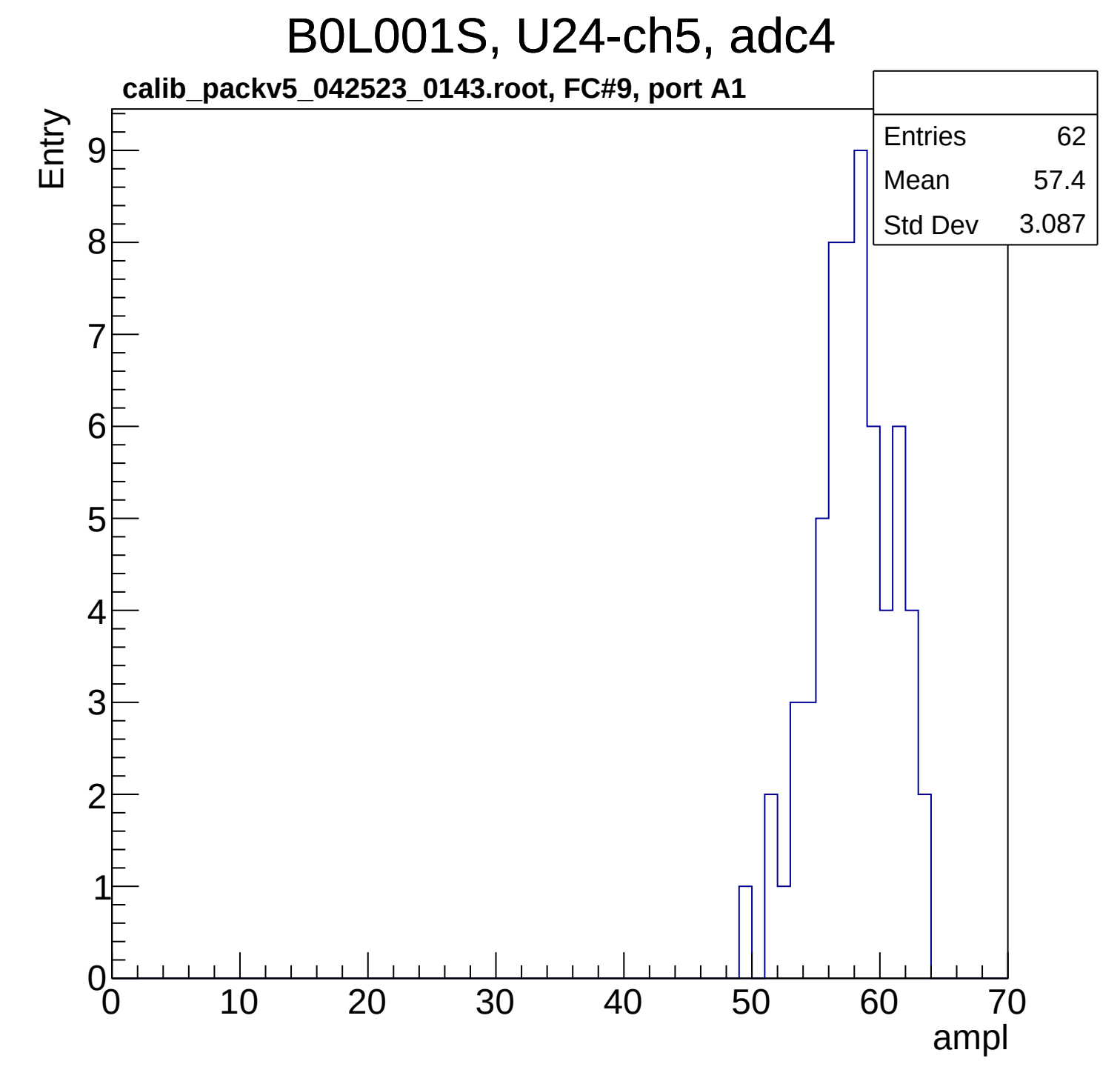
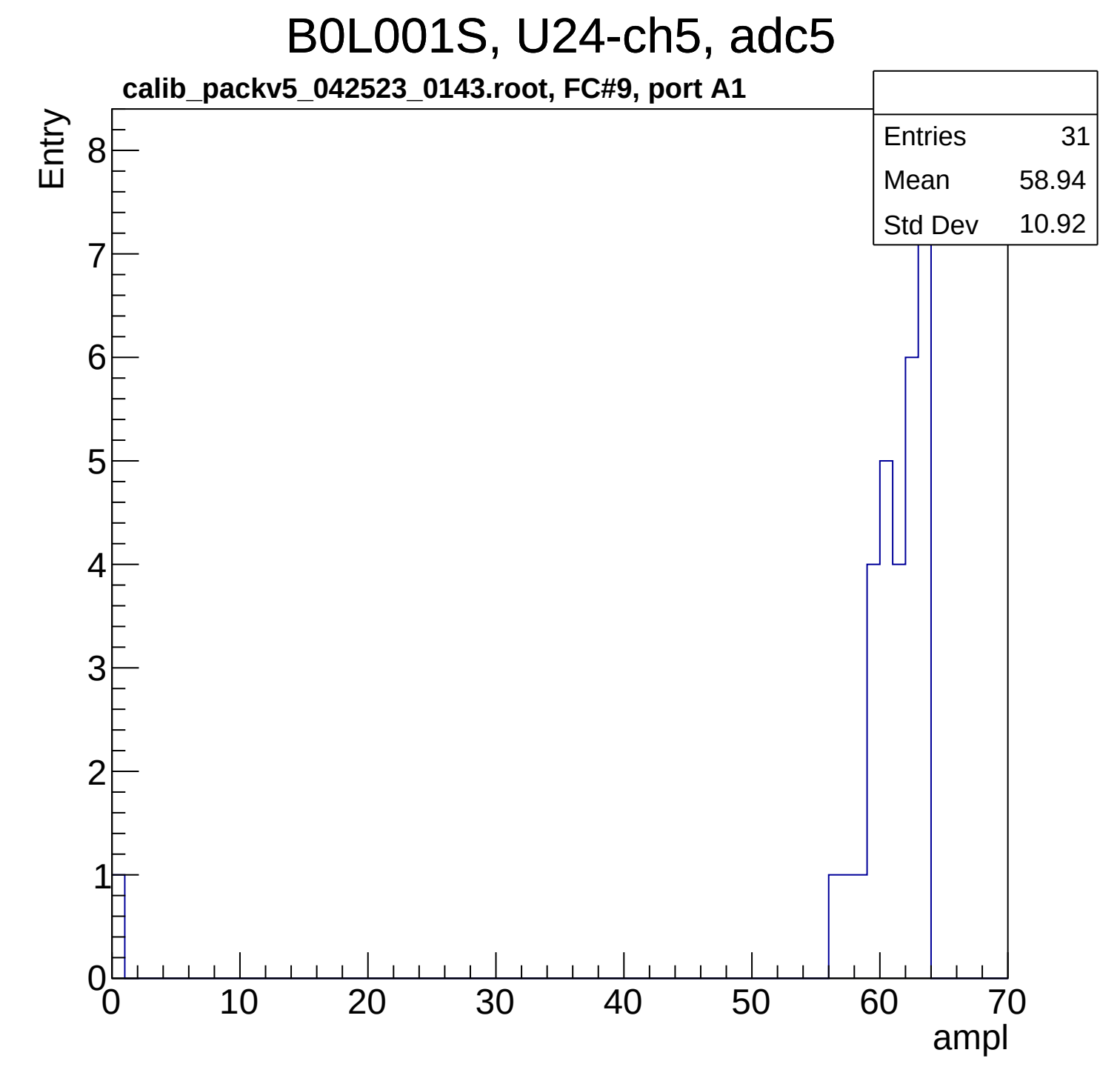
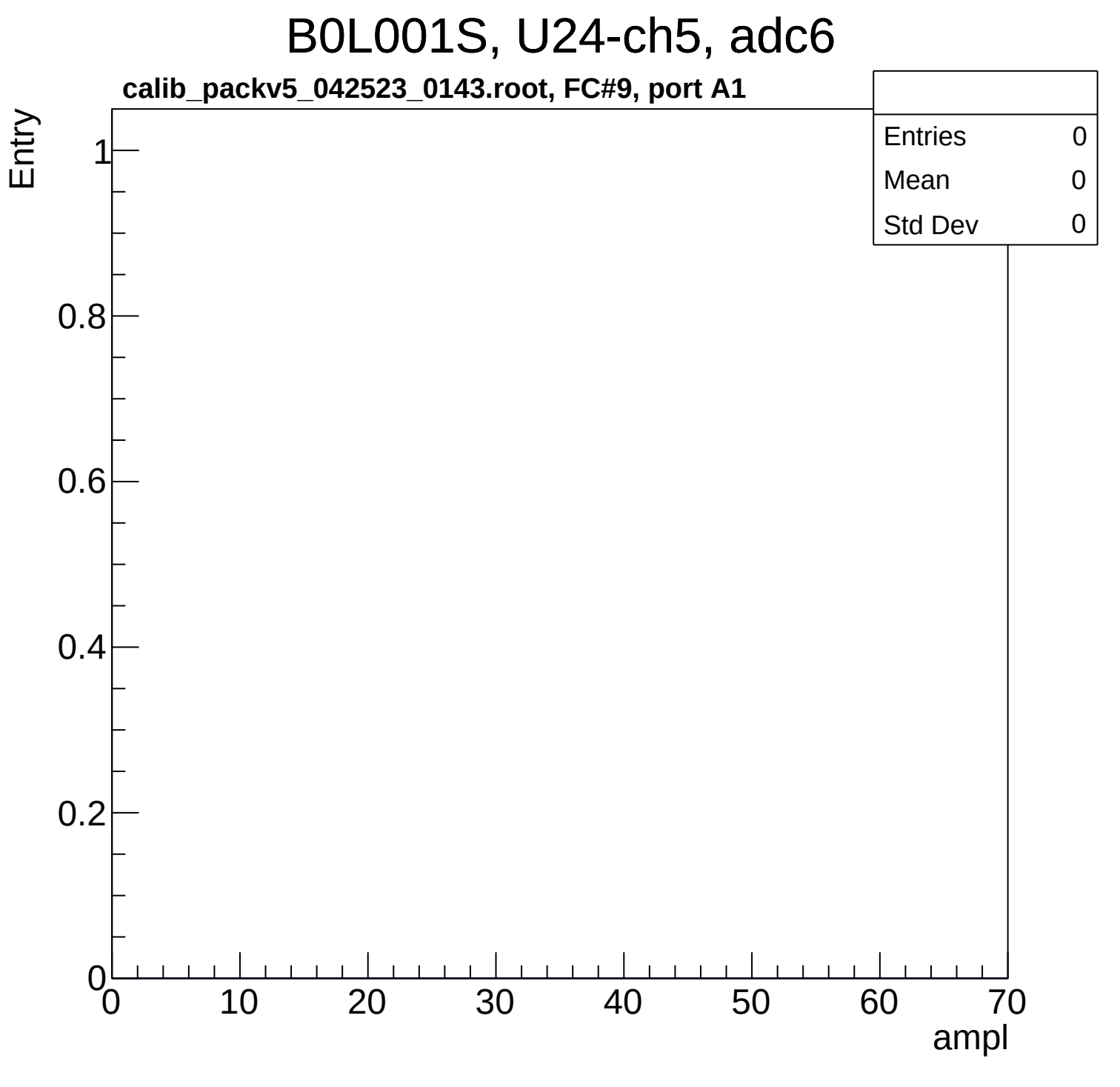
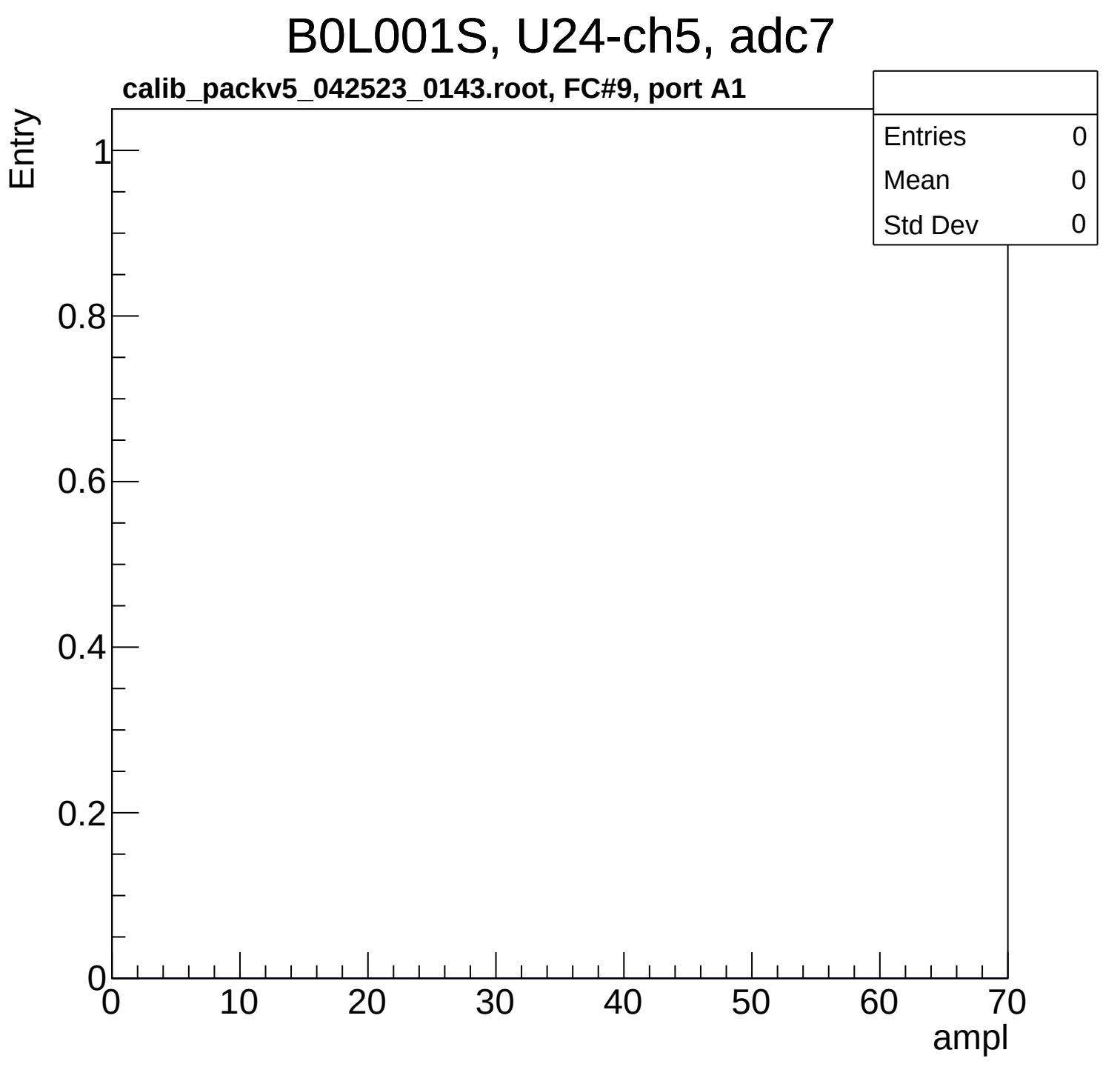
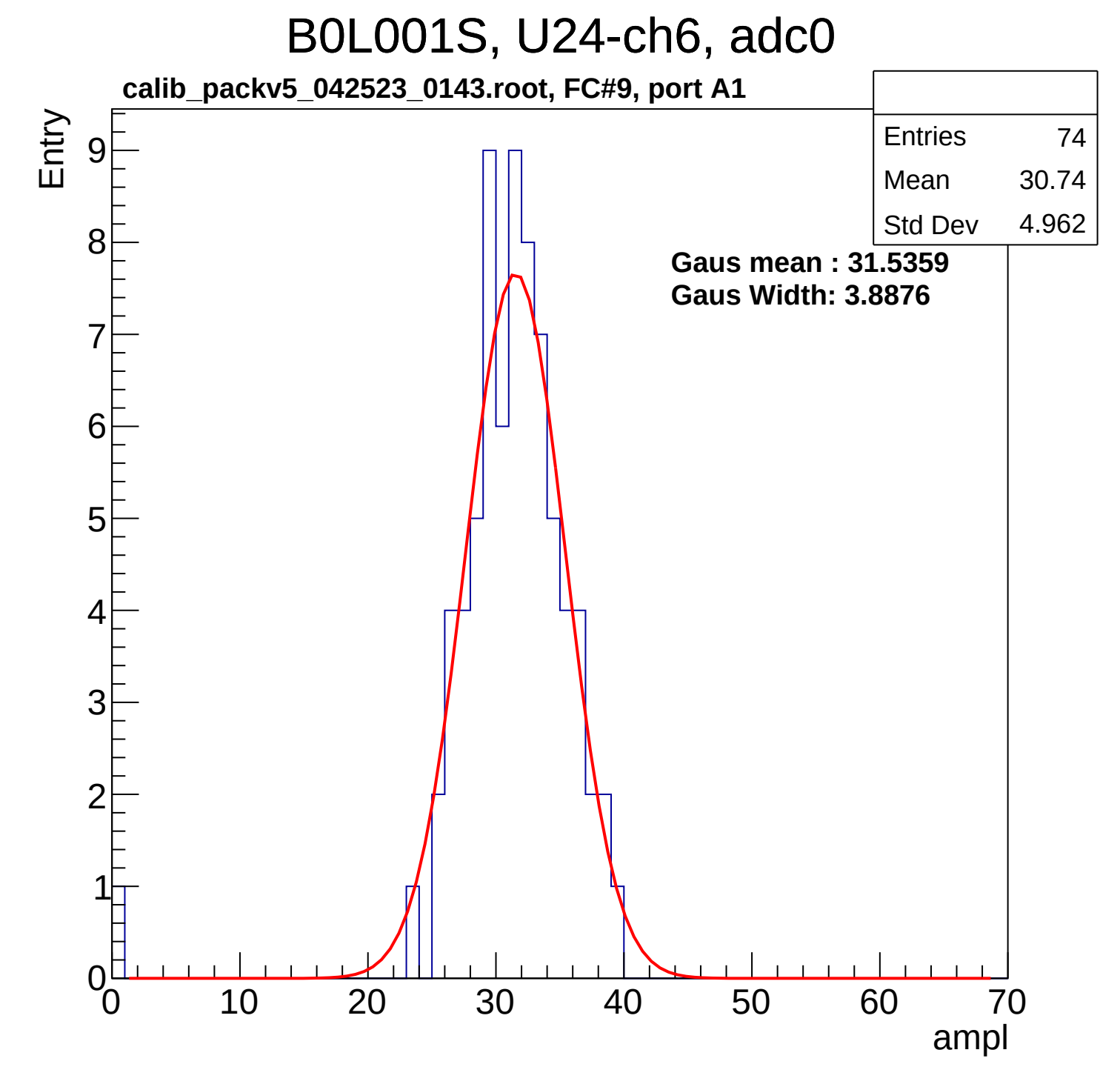

B0L001S, U24-ch5, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 50.23
Std Dev 3.541
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

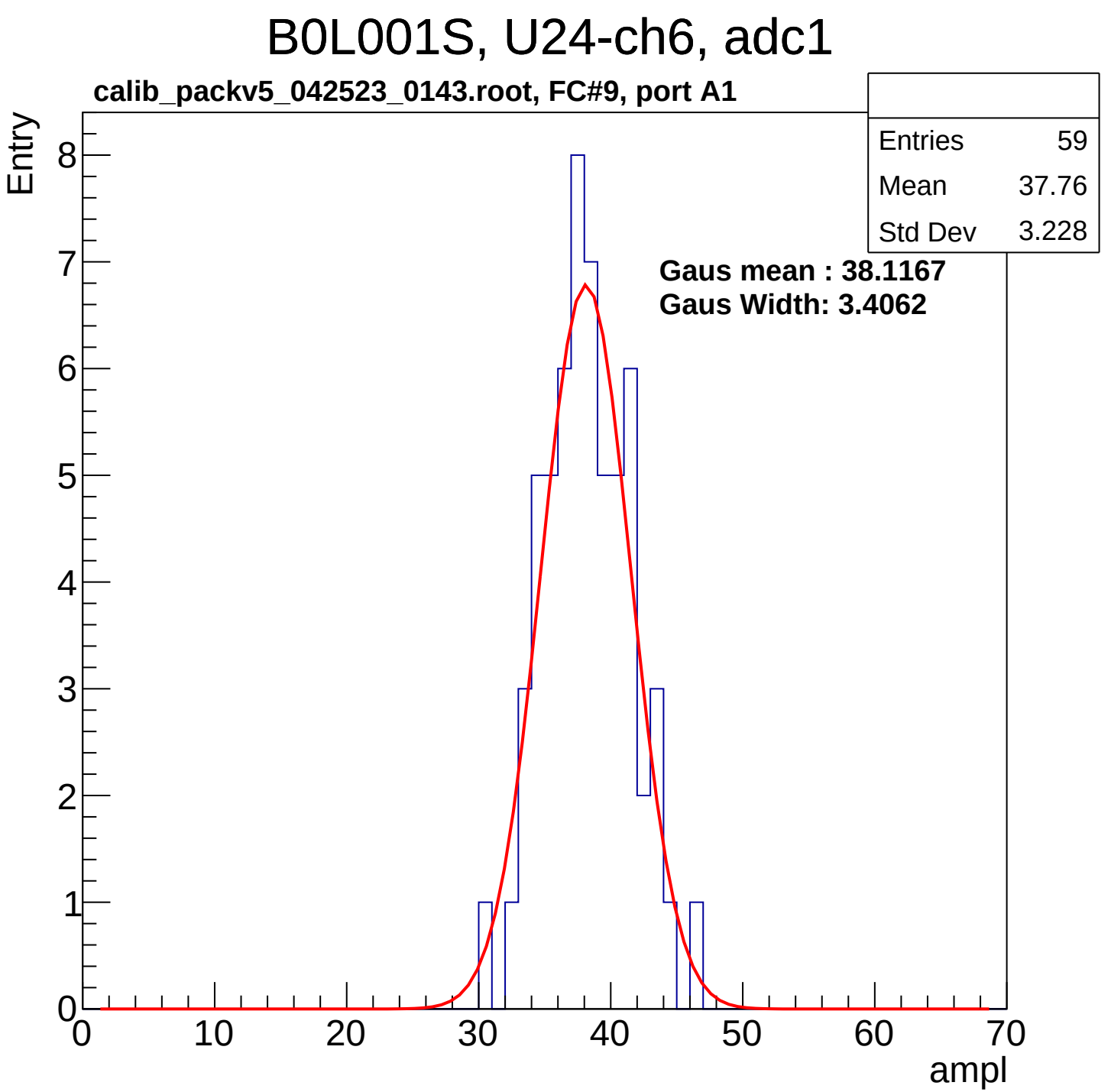

B0L001S, U24-ch5, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.4
Std Dev 3.087
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch5, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 58.94
Std Dev 10.92
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch5, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch5, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch6, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 30.74
Std Dev 4.962
Gaus mean : 31.5359
Gaus Width: 3.8876
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch6, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 37.76
Std Dev 3.228
Gaus mean : 38.1167
Gaus Width: 3.4062
Entry
ampl
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1
2
3
4
5
6
7
8
0
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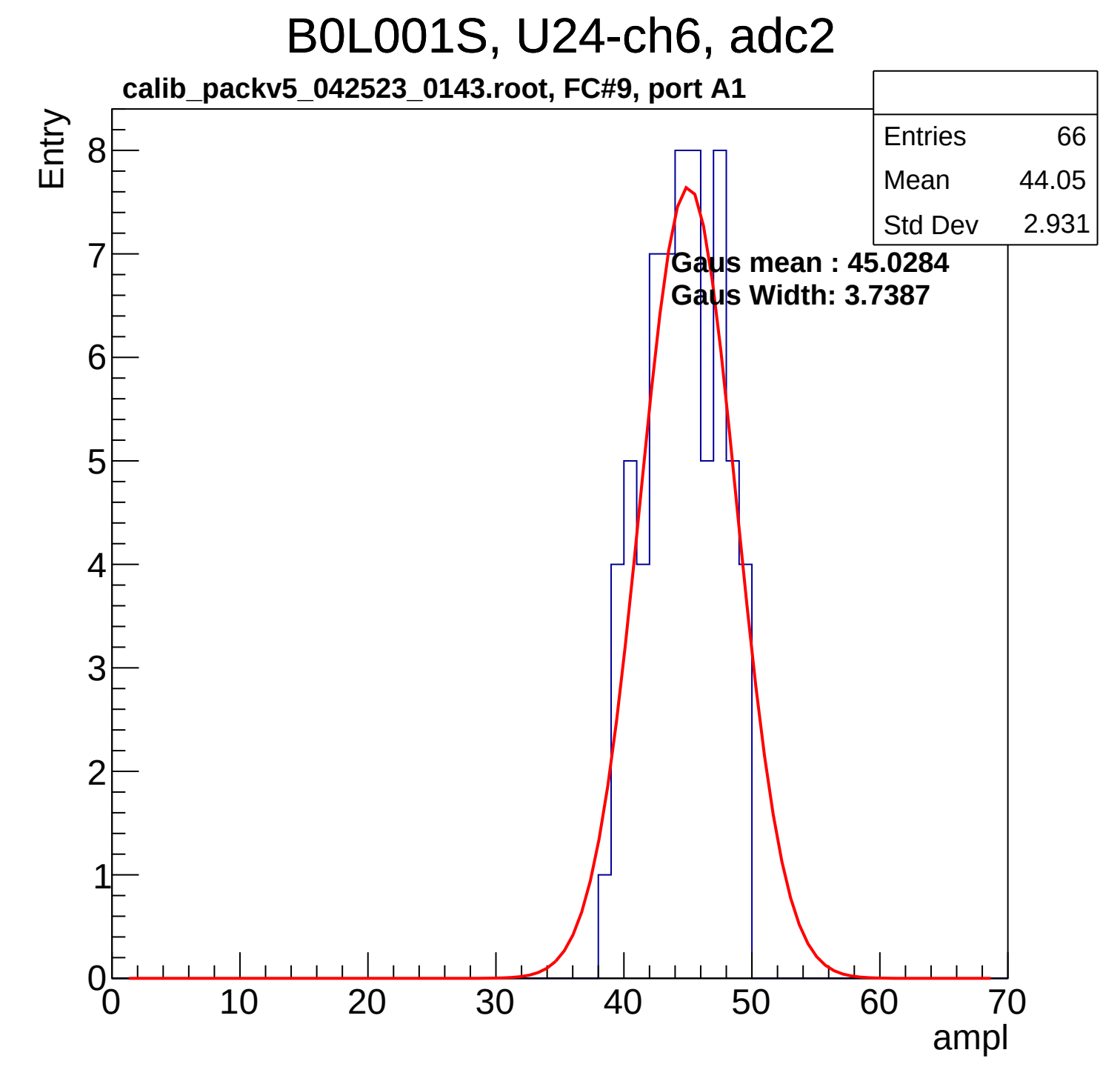
20
30
40
50
60
70


B0L001S, U24-ch6, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 44.05
Std Dev 2.931
Gaus mean : 45.0284
Gaus Width: 3.7387
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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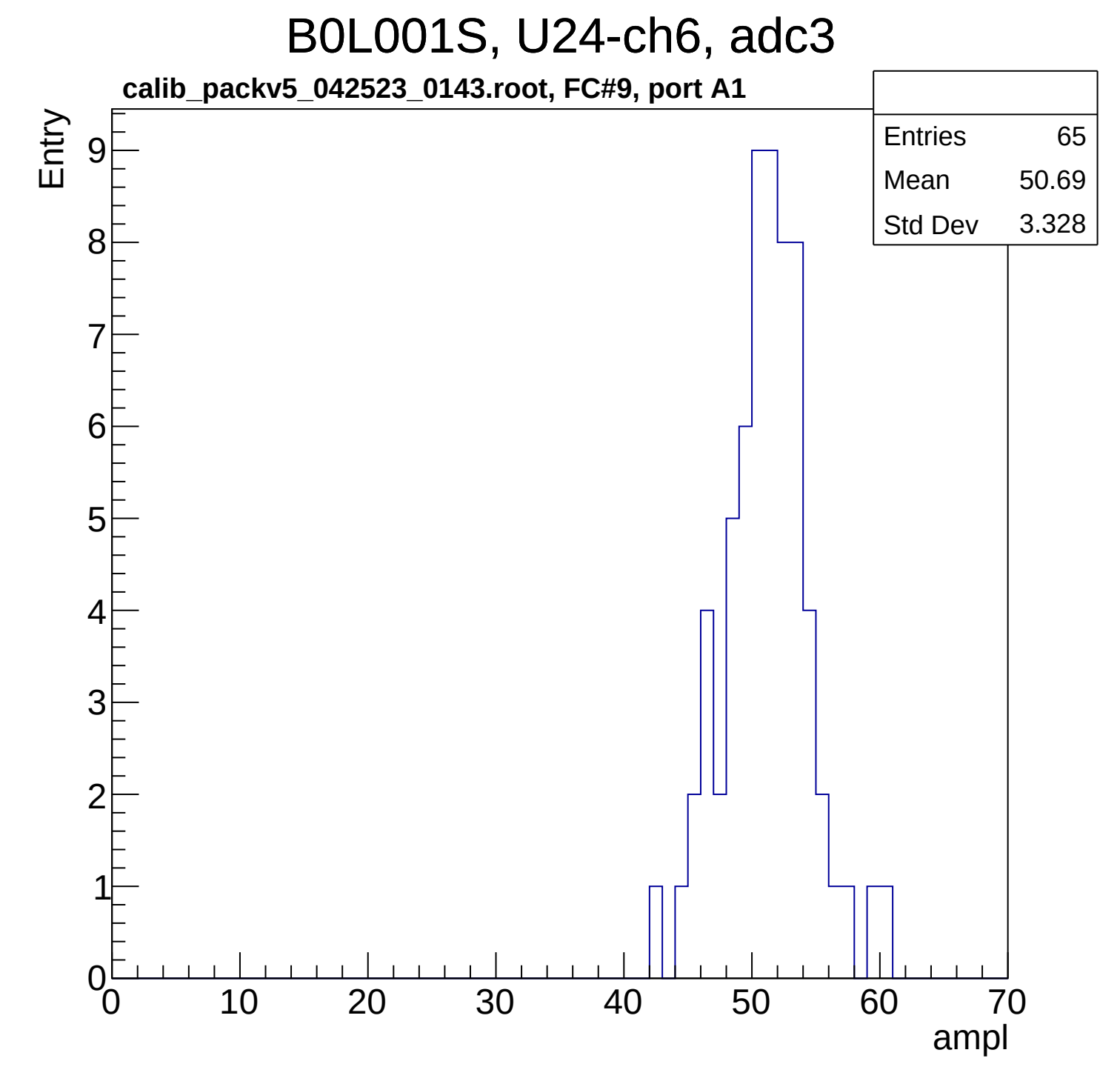
B0L001S, U24-ch6, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 50.69
Std Dev 3.328
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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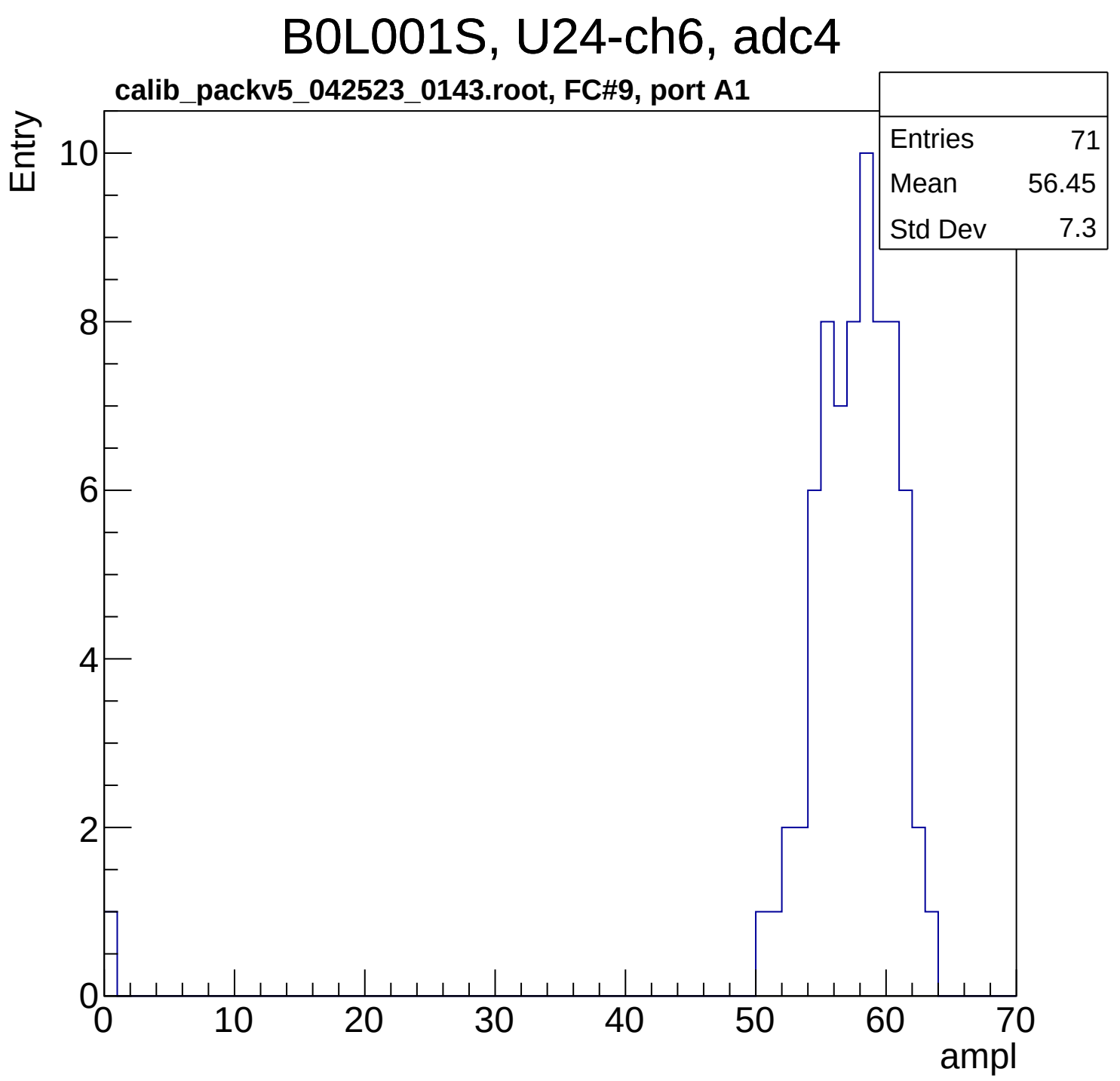
40
50
60
70


B0L001S, U24-ch6, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 56.45
Std Dev 7.3
Entry
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2
4
6
8
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10
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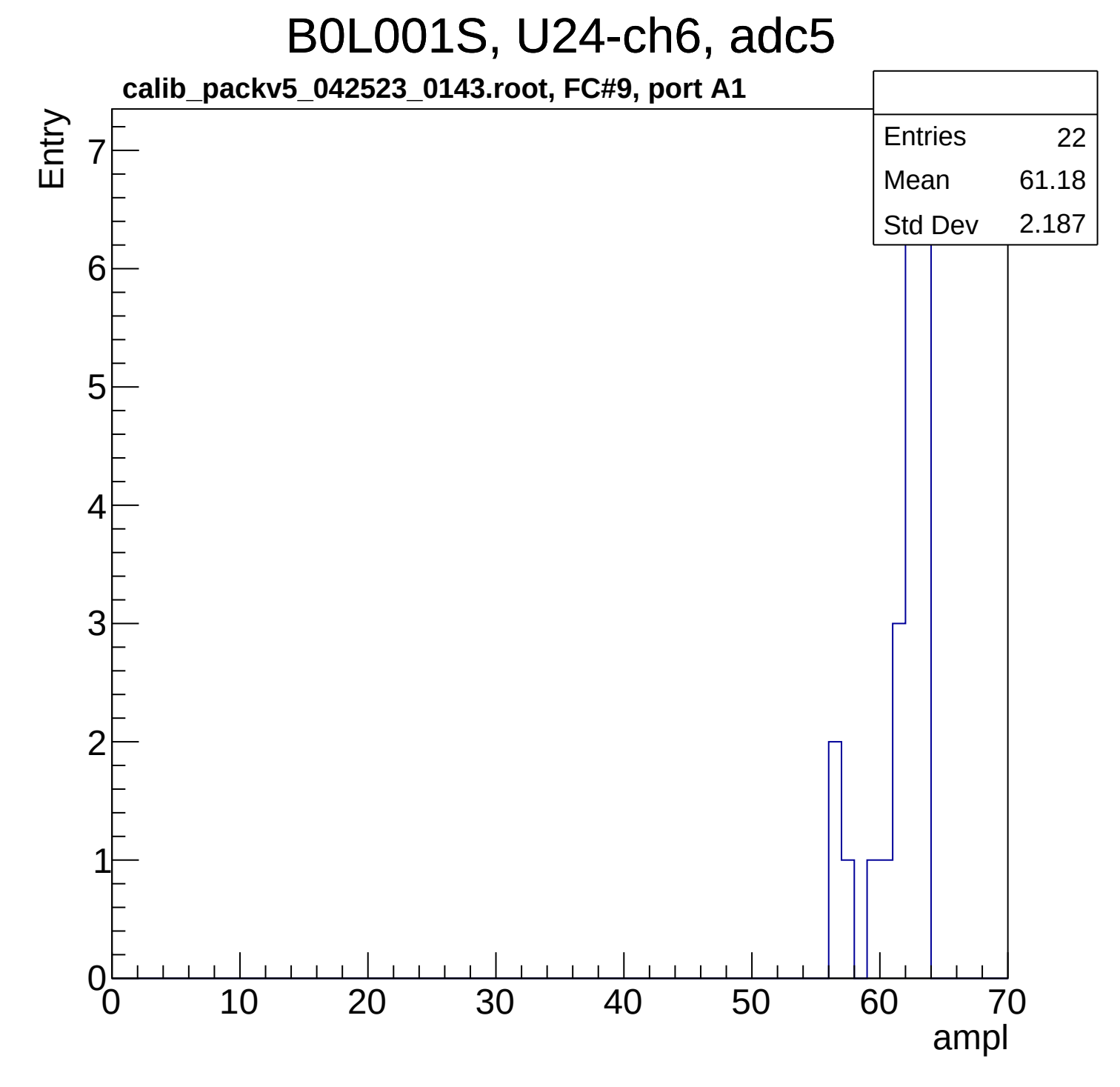
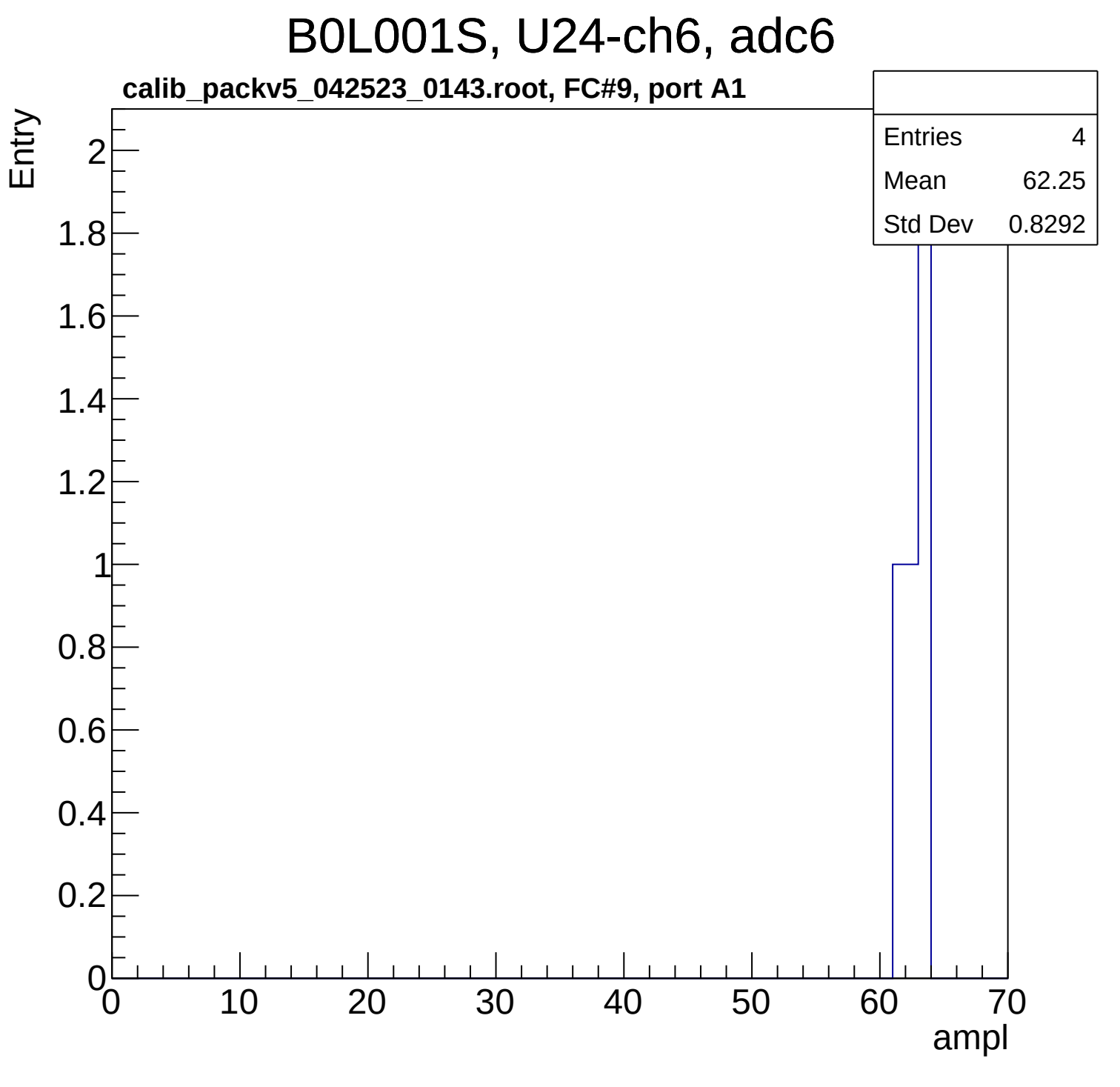
50
60
70
ampl


B0L001S, U24-ch6, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 22
Mean 61.18
Std Dev 2.187
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch6, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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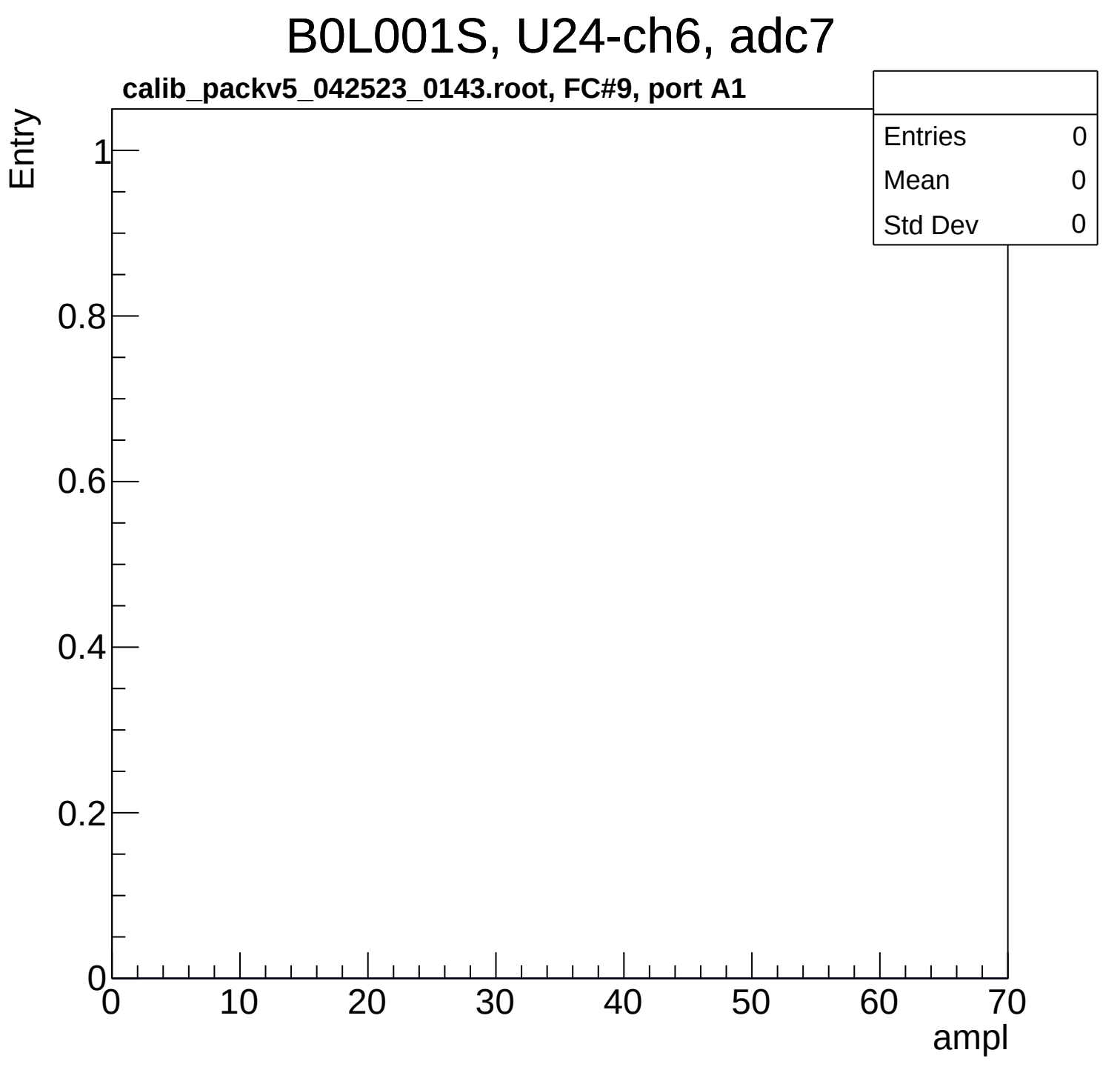
20
30
40
50
60
70


B0L001S, U24-ch6, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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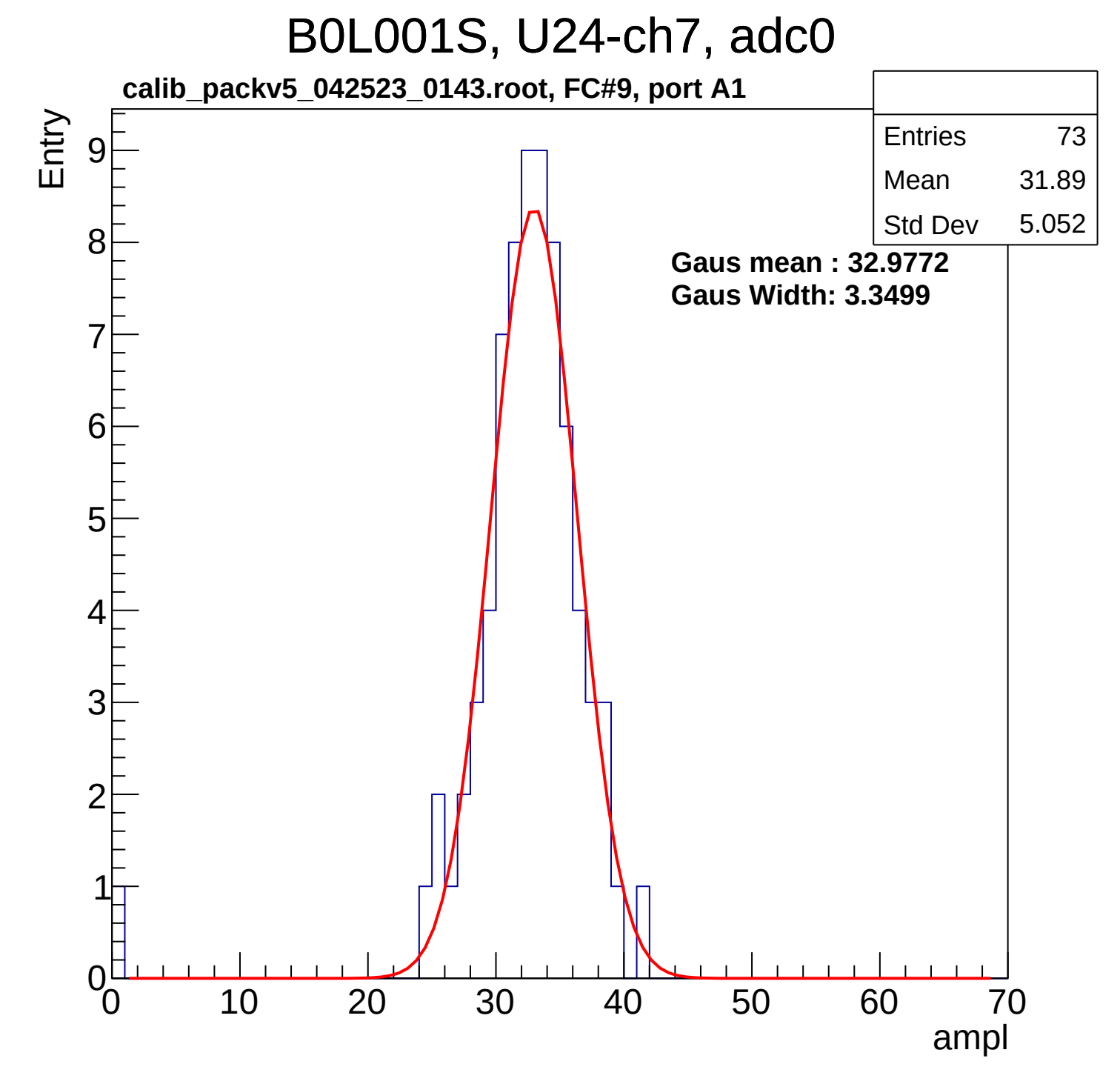
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch7, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 31.89
Std Dev 5.052
Gaus mean : 32.9772
Gaus Width: 3.3499
Entry
ampl
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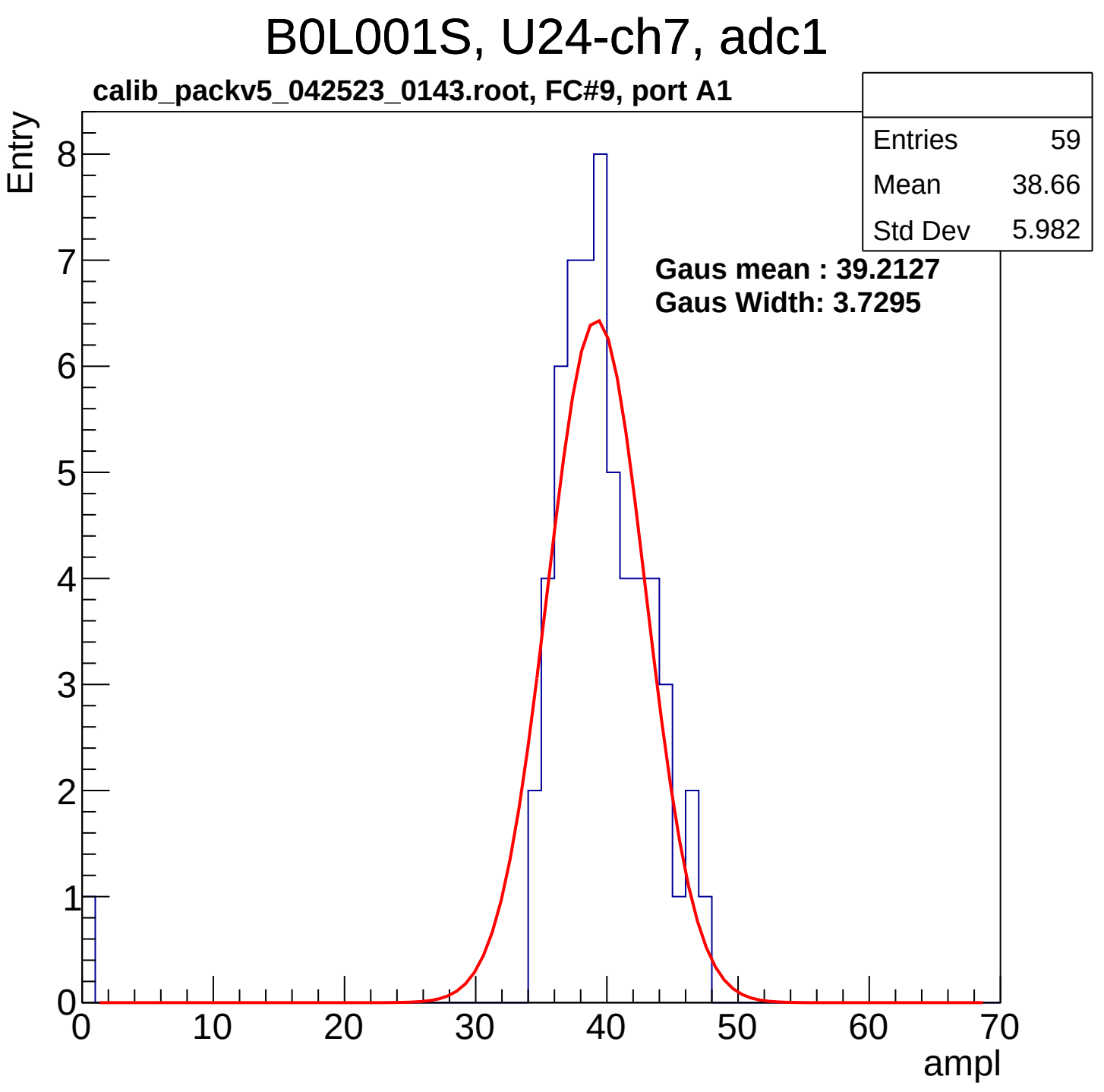
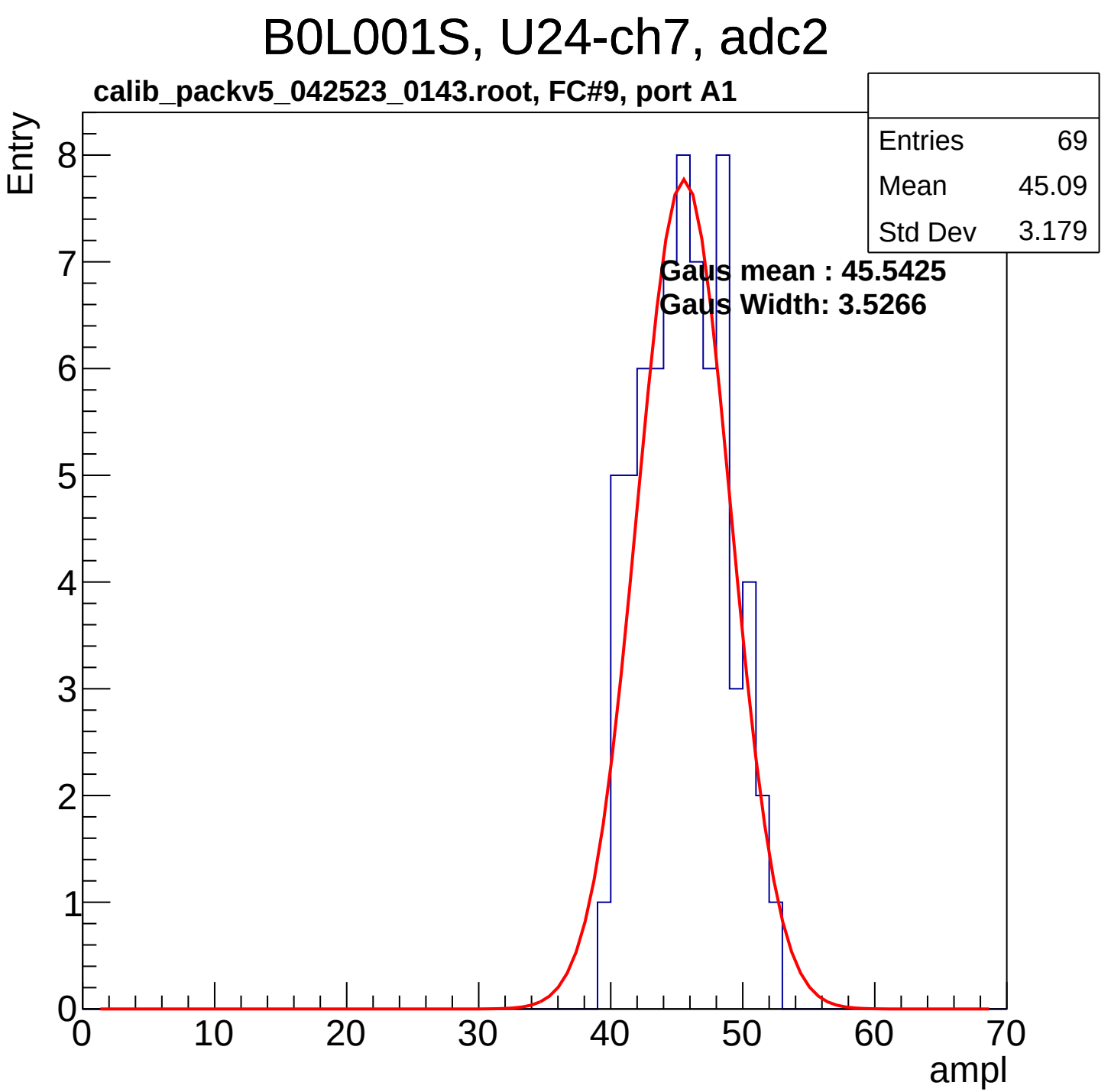
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch7, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 38.66
Std Dev 5.982
Gaus mean : 39.2127
Gaus Width: 3.7295
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch7, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 45.09
Std Dev 3.179
Gaus mean : 45.5425
Gaus Width: 3.5266
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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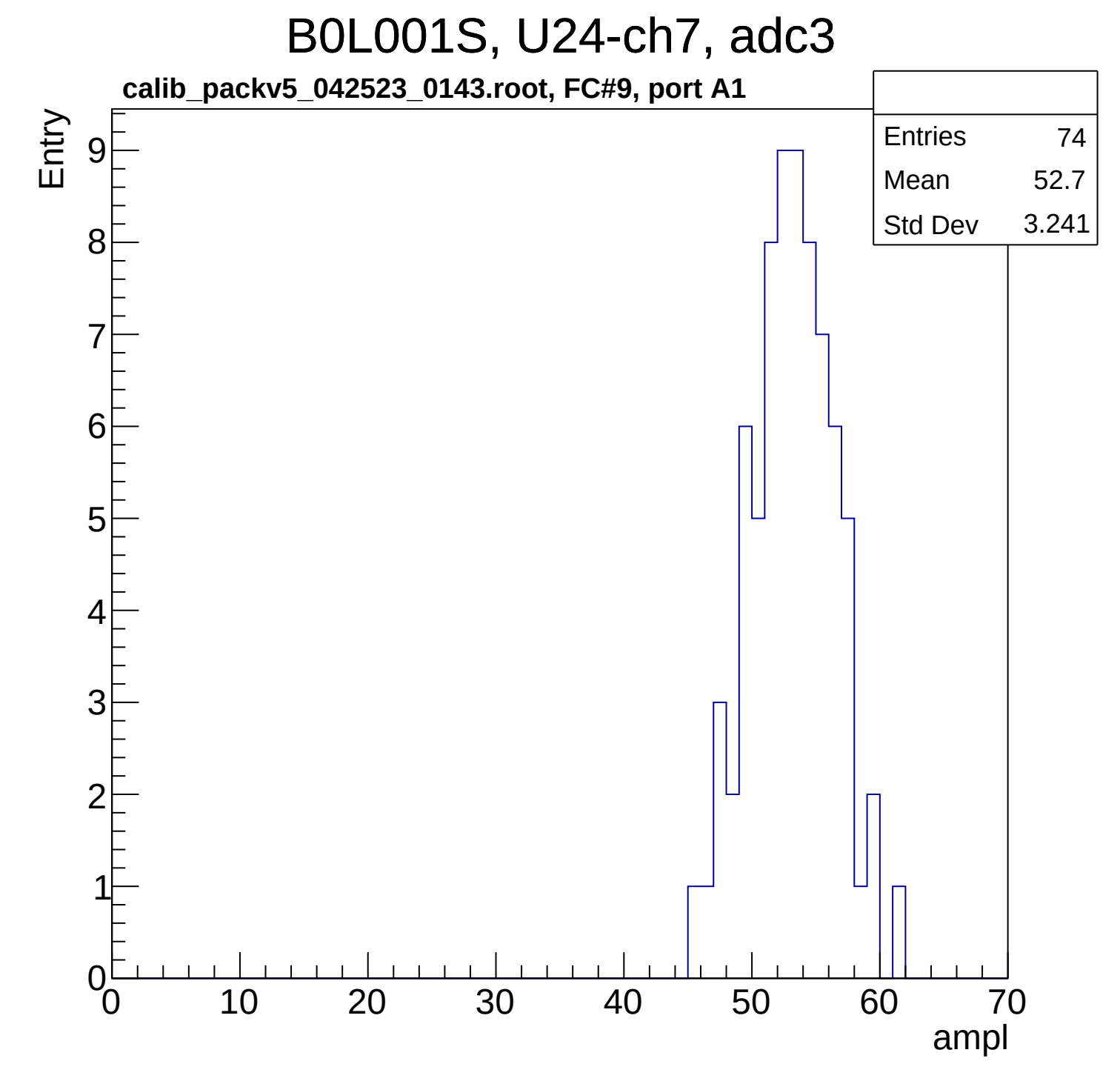
B0L001S, U24-ch7, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 52.7
Std Dev 3.241
Entry
ampl
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2
3
4
5
6
7
8
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0
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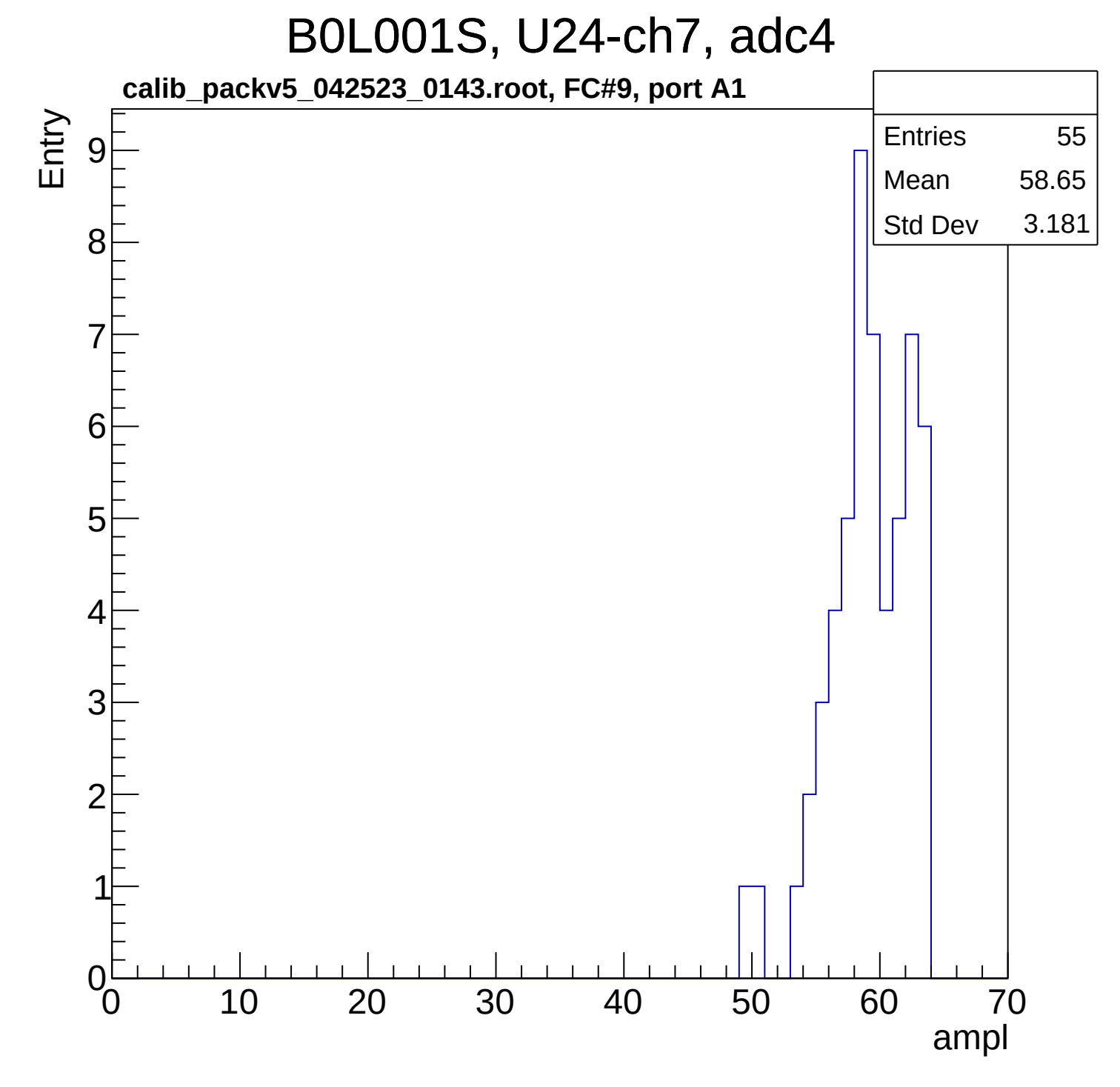
B0L001S, U24-ch7, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 58.65
Std Dev 3.181
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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60
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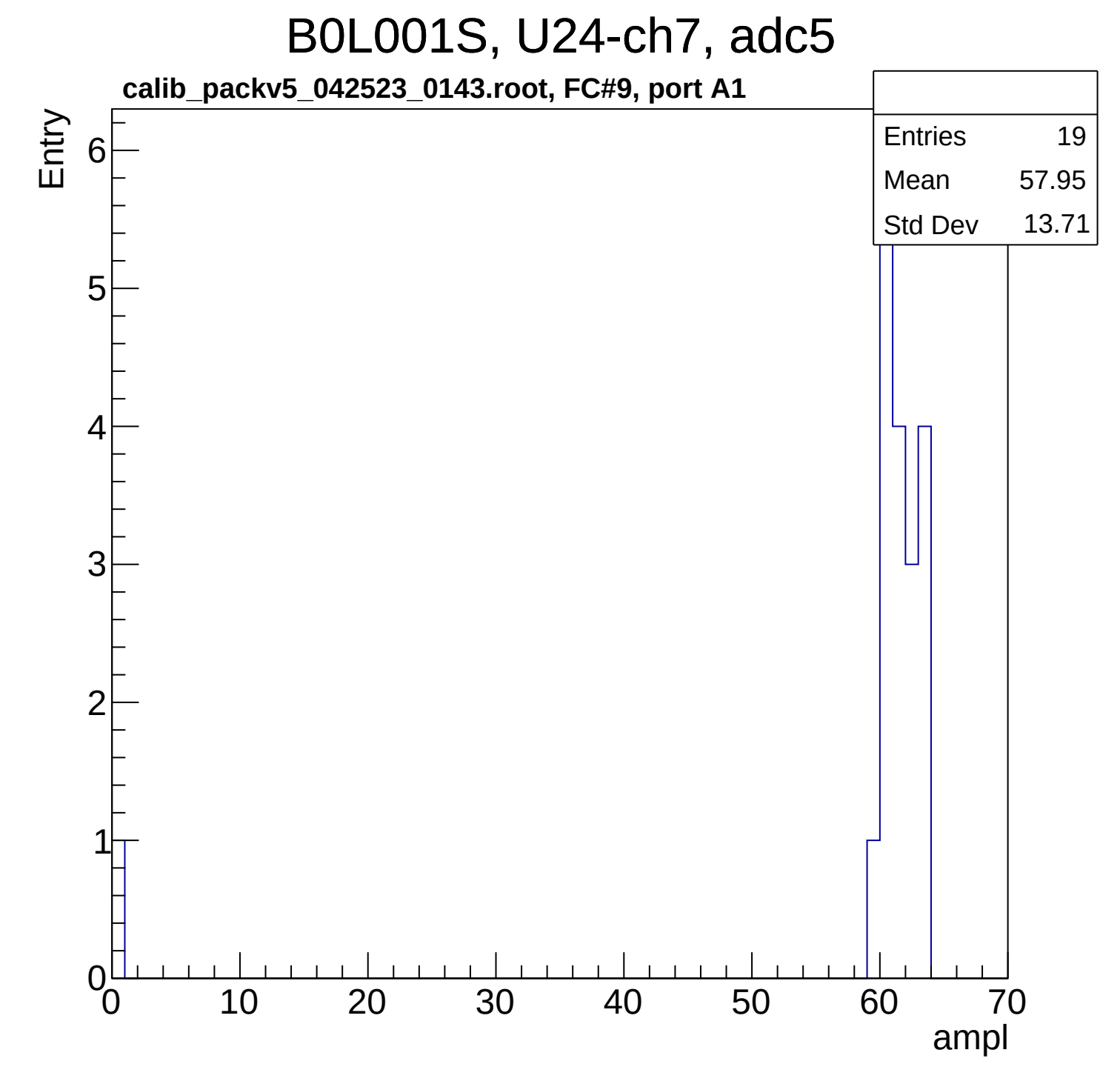
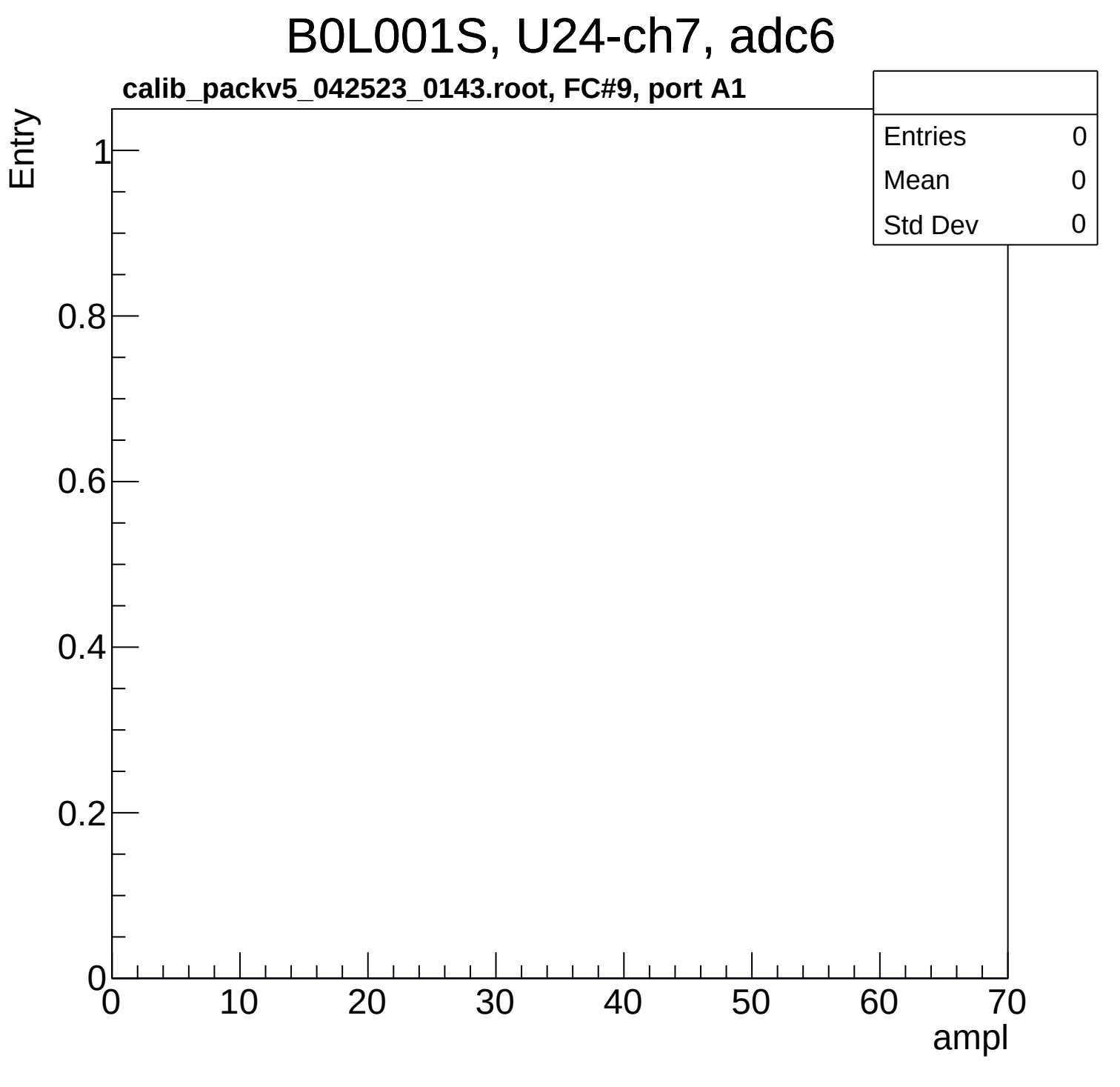

B0L001S, U24-ch7, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 19
Mean 57.95
Std Dev 13.71
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch7, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
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0.6
0.4
0.2
0
0
10
20
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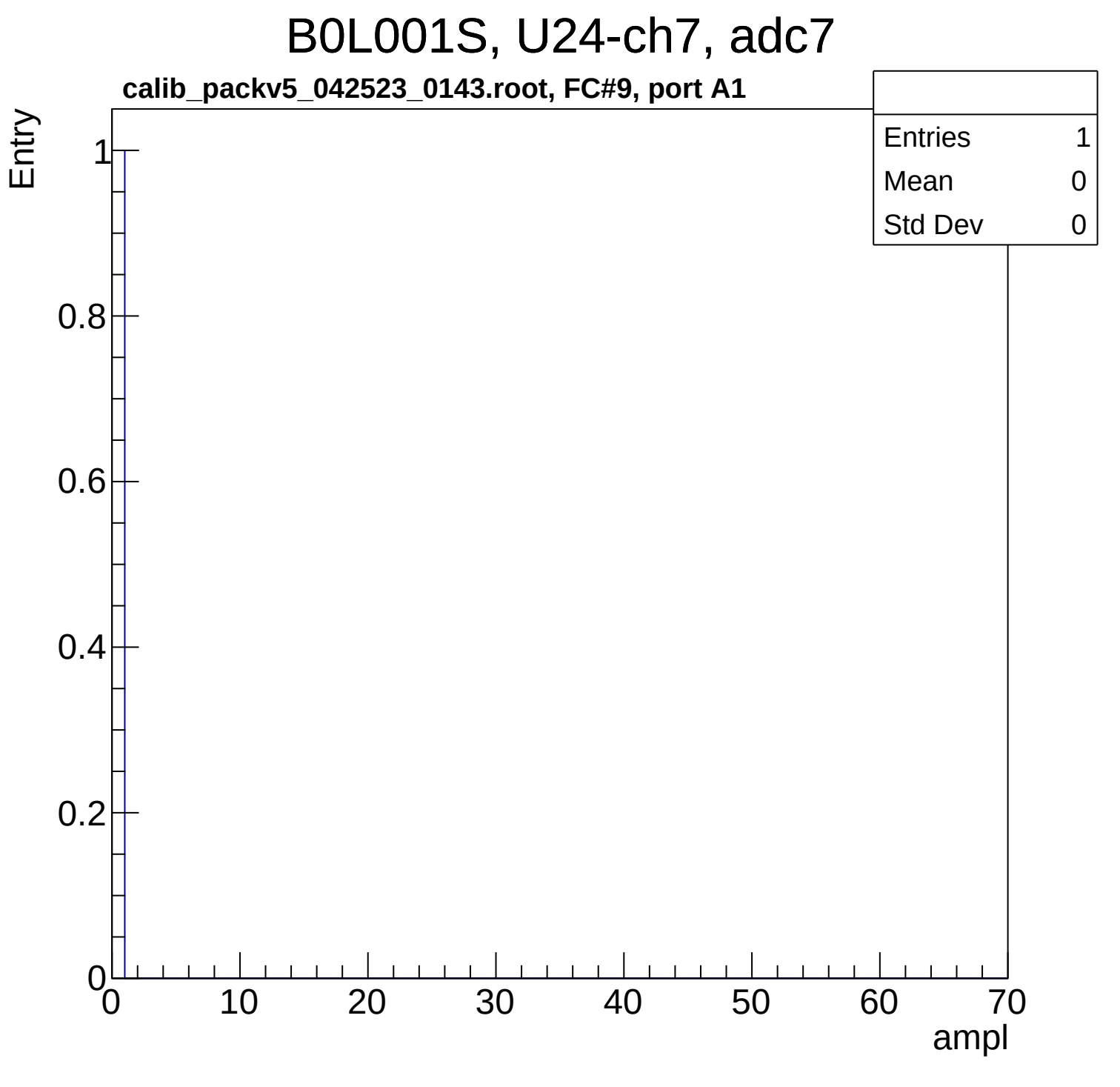
50
60
70
ampl


B0L001S, U24-ch7, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
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10
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50
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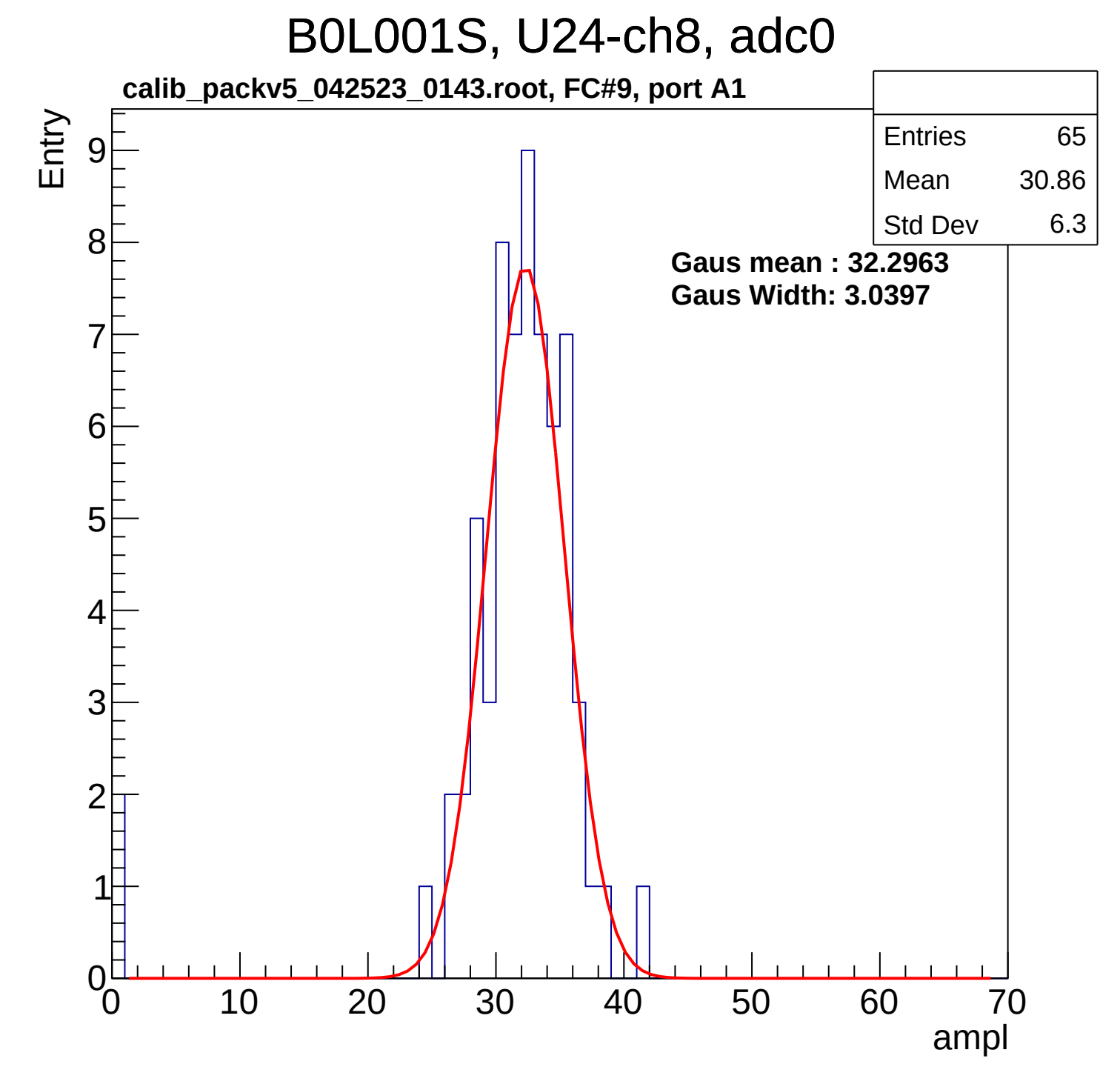
70
ampl


B0L001S, U24-ch8, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 30.86
Std Dev 6.3
Gaus mean : 32.2963
Gaus Width: 3.0397
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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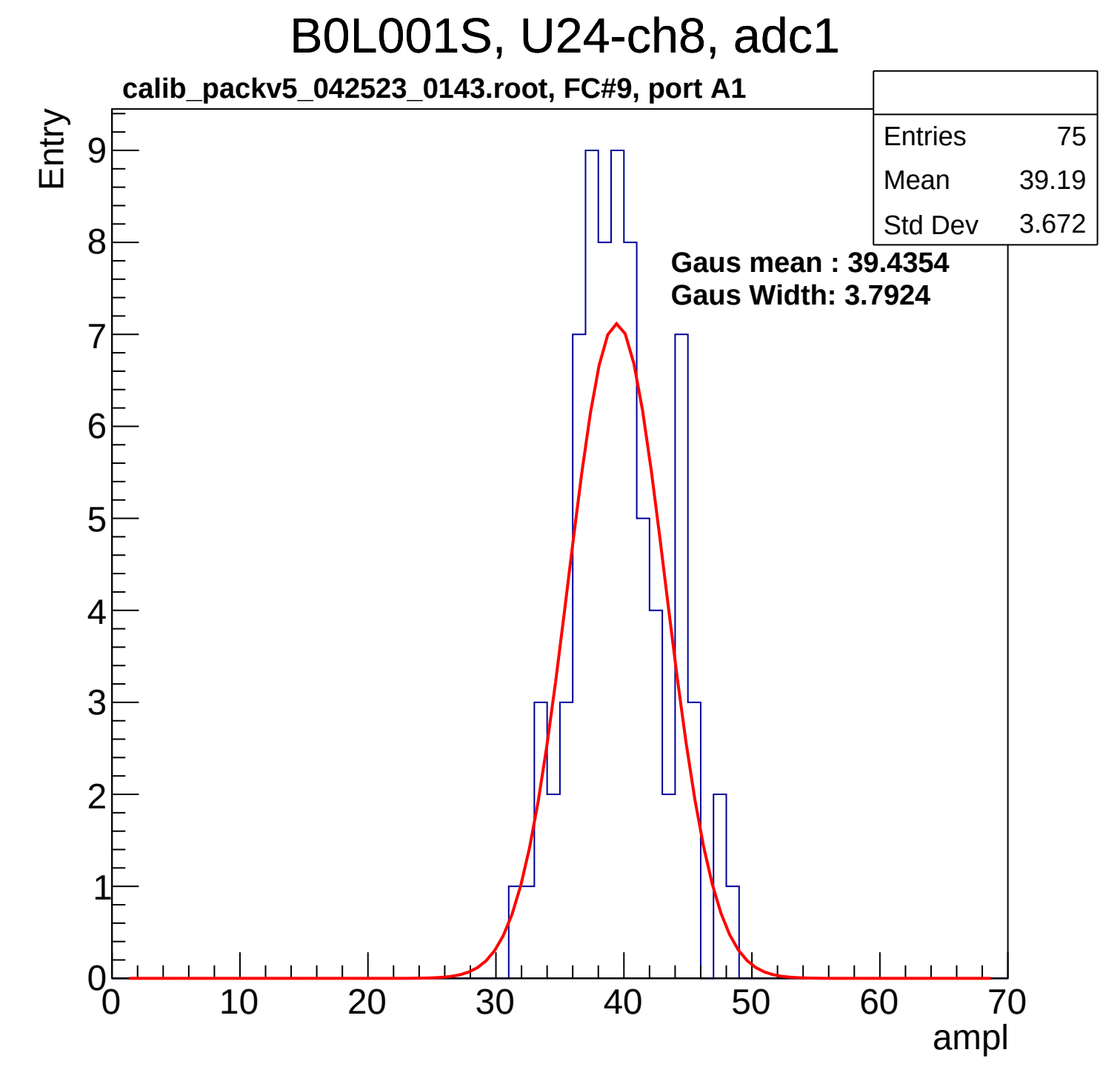
B0L001S, U24-ch8, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 39.19
Std Dev 3.672
Gaus mean : 39.4354
Gaus Width: 3.7924
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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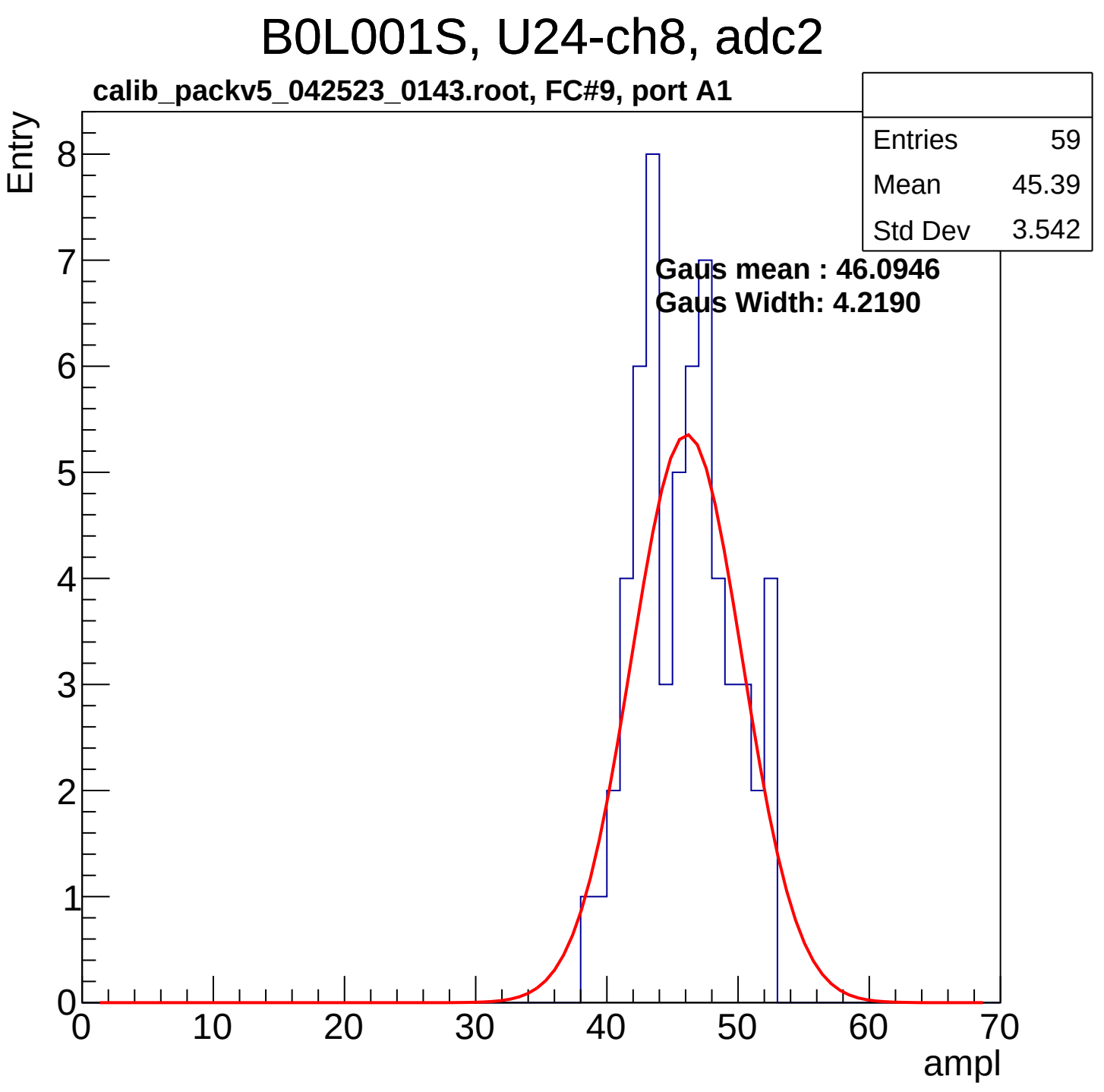
B0L001S, U24-ch8, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 45.39
Std Dev 3.542
Gaus mean : 46.0946
Gaus Width: 4.2190
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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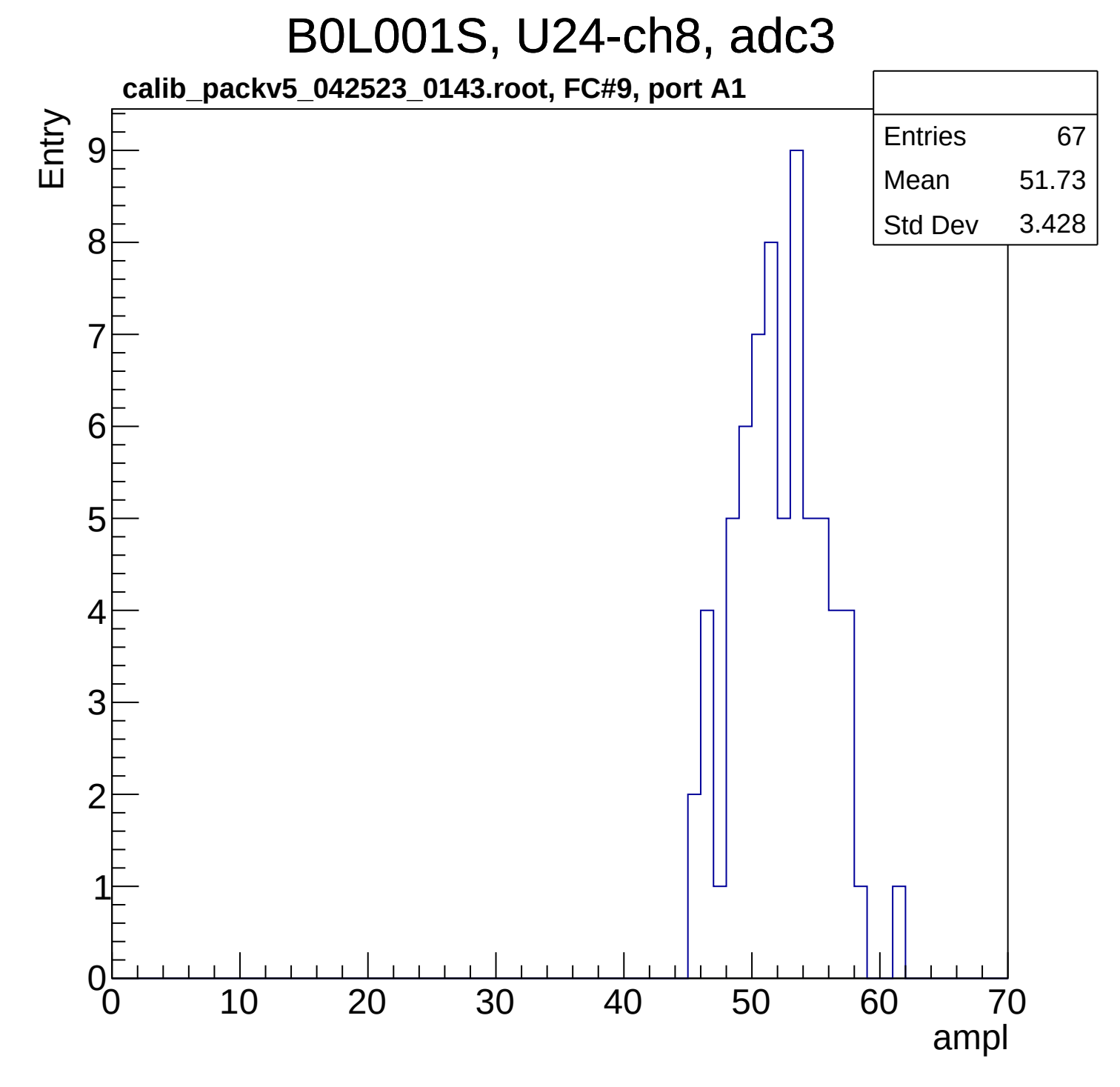
B0L001S, U24-ch8, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 51.73
Std Dev 3.428
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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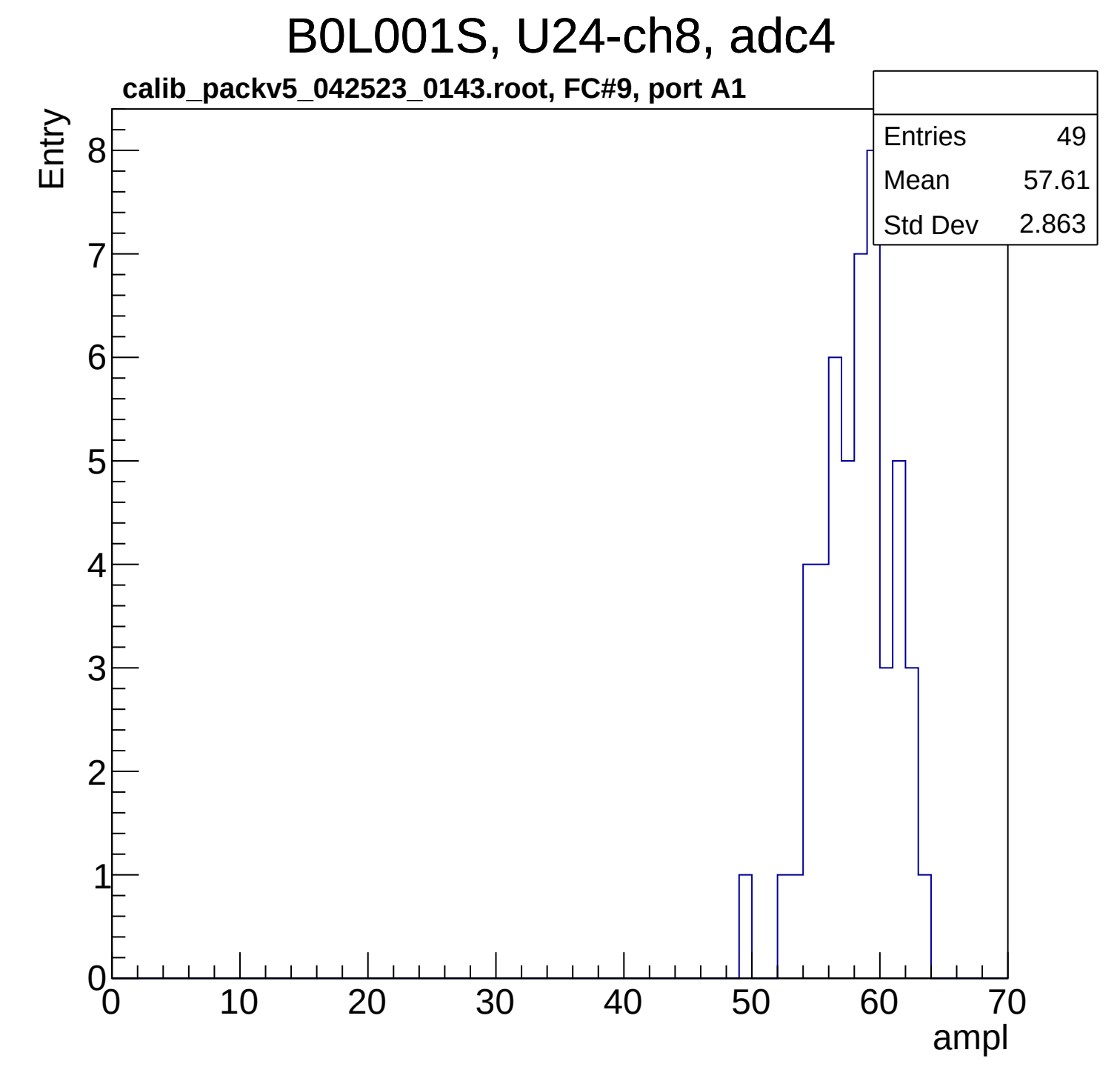
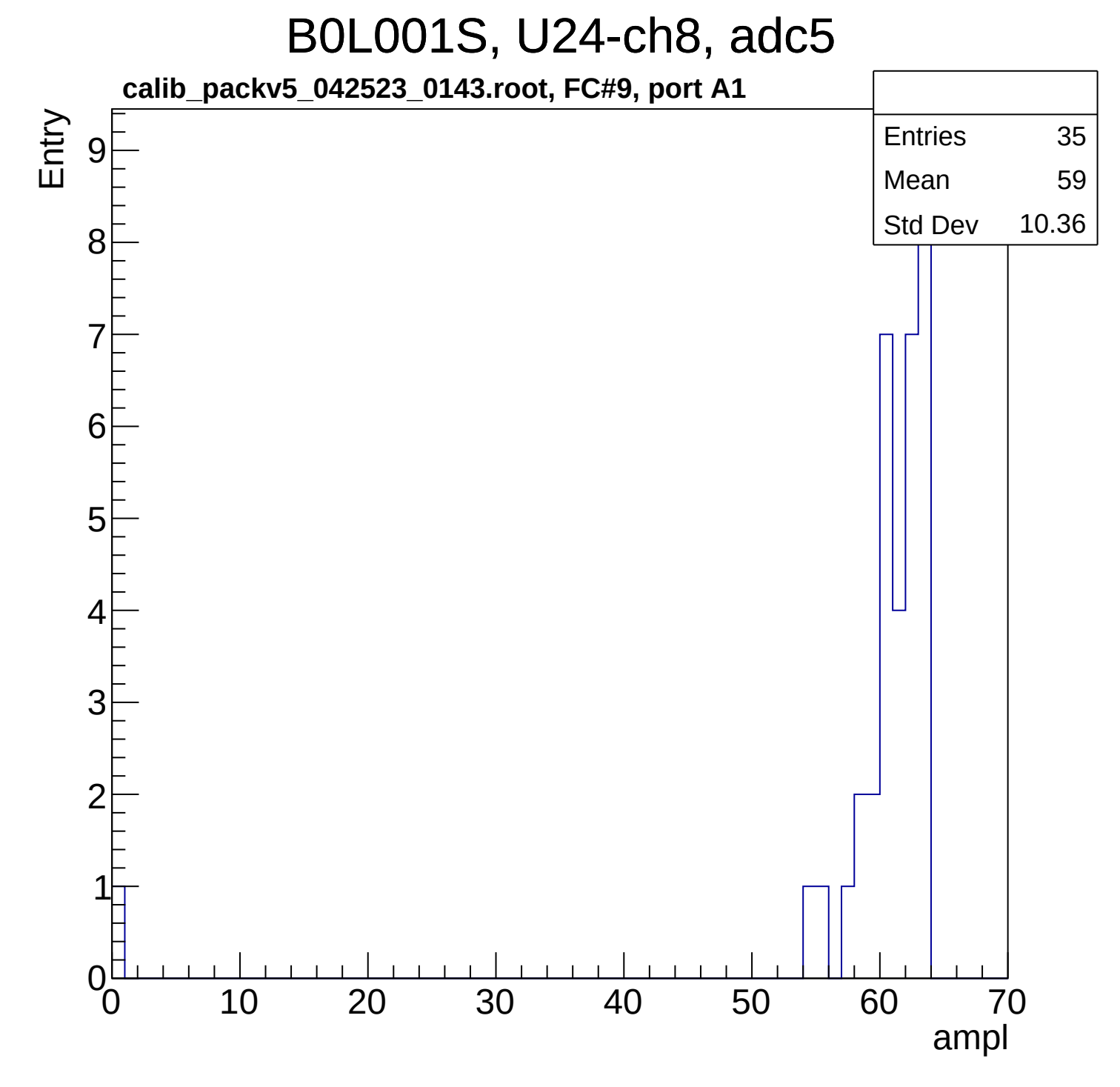
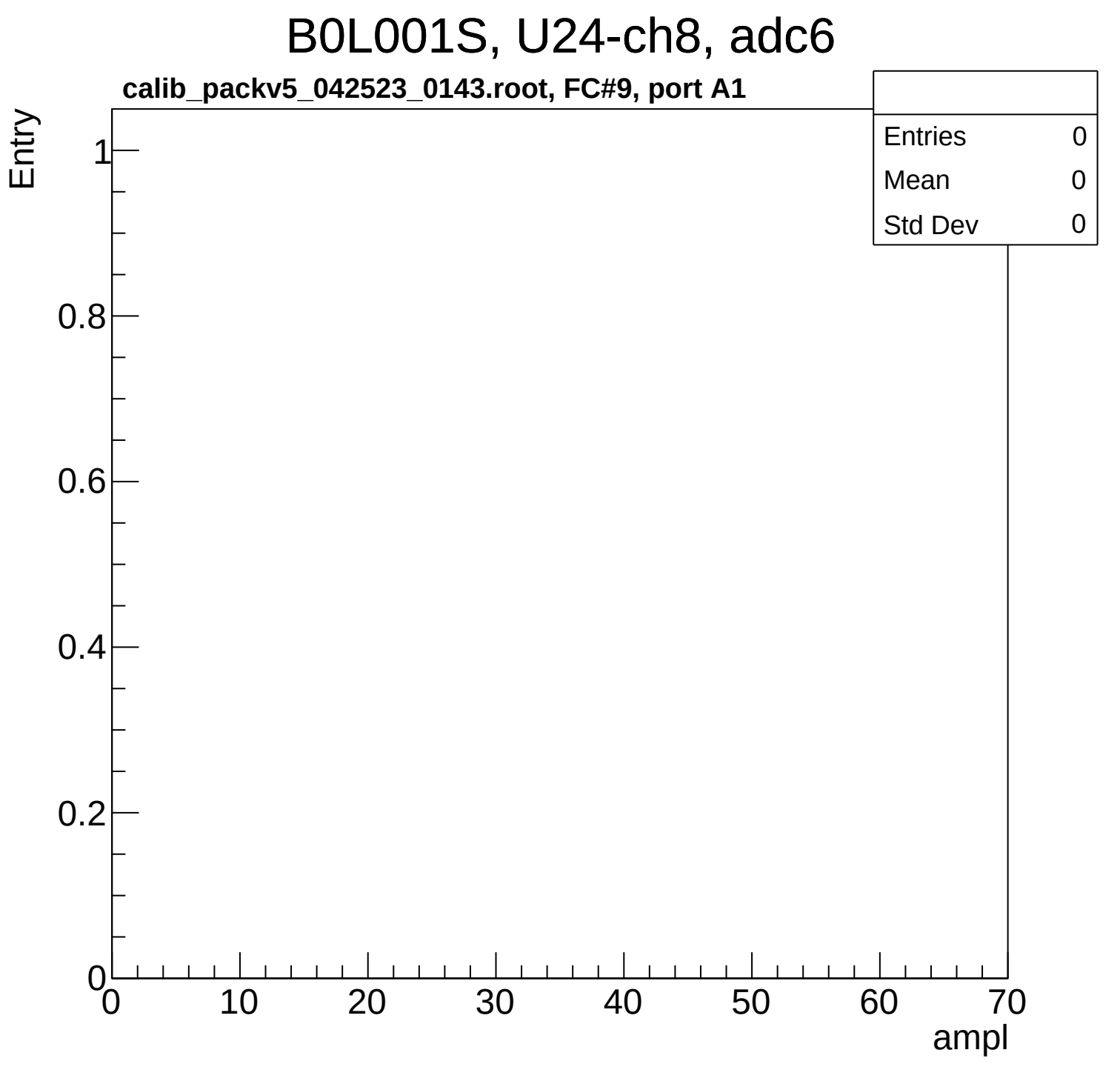
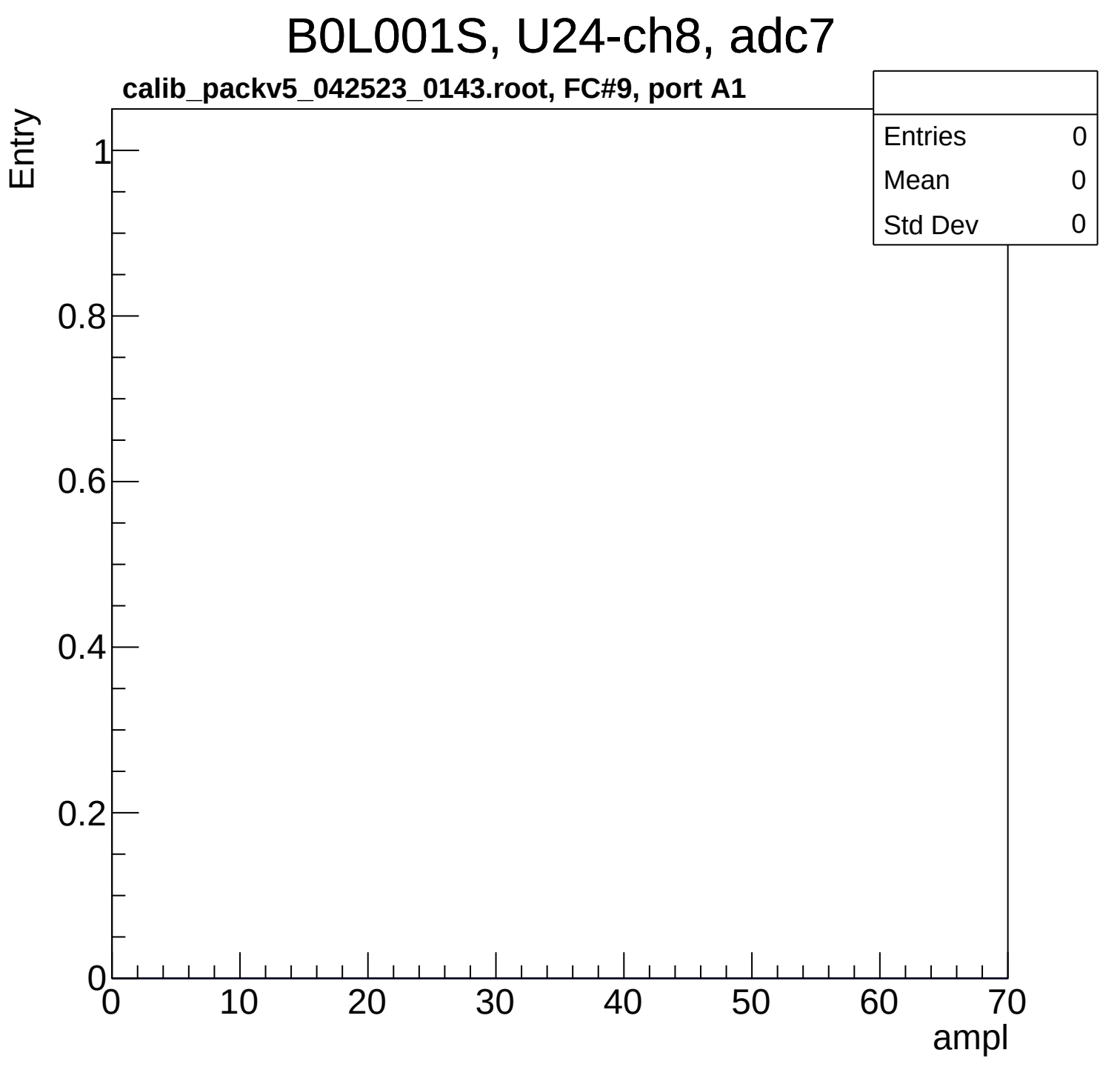
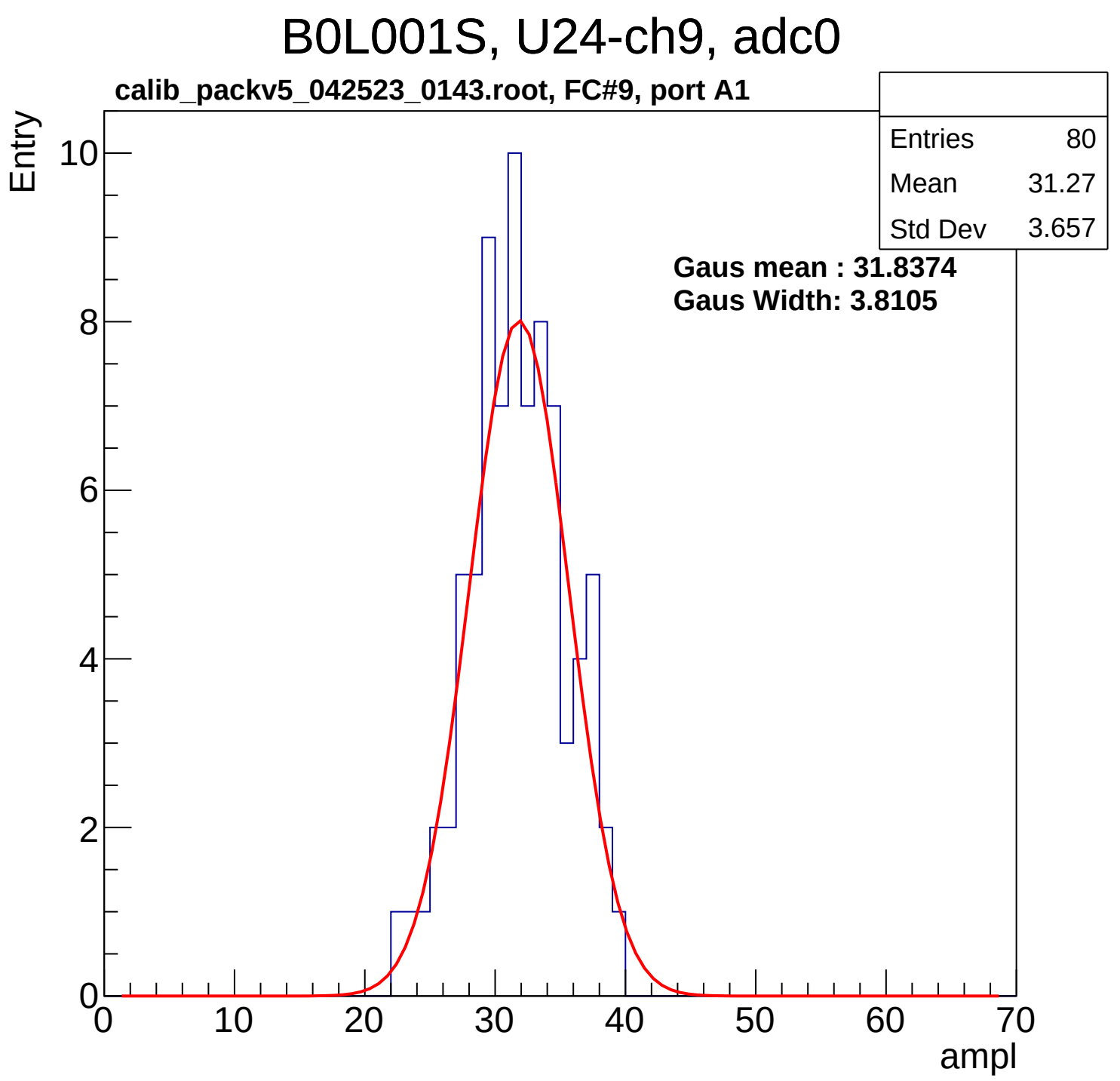
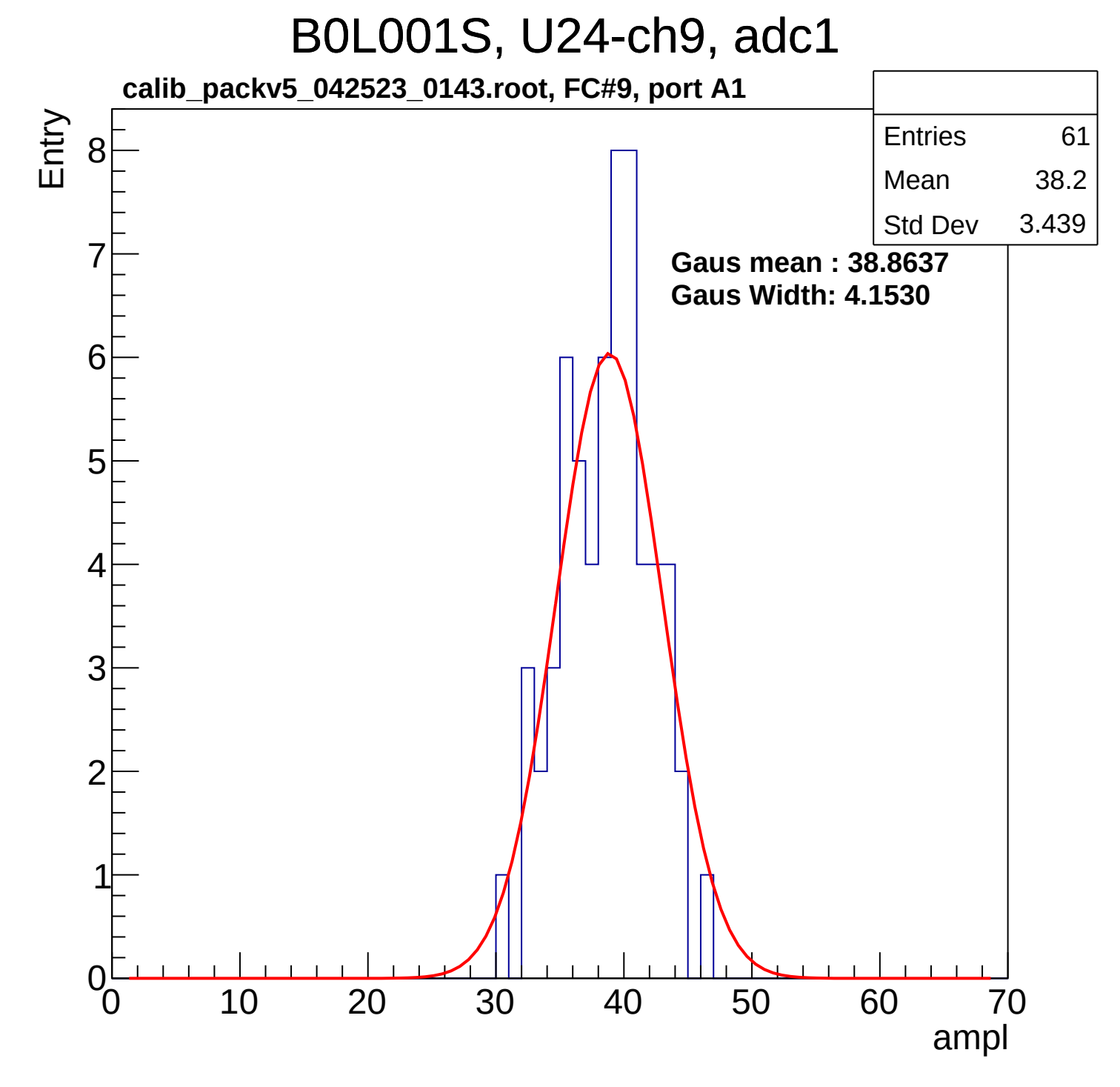

B0L001S, U24-ch8, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 57.61
Std Dev 2.863
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

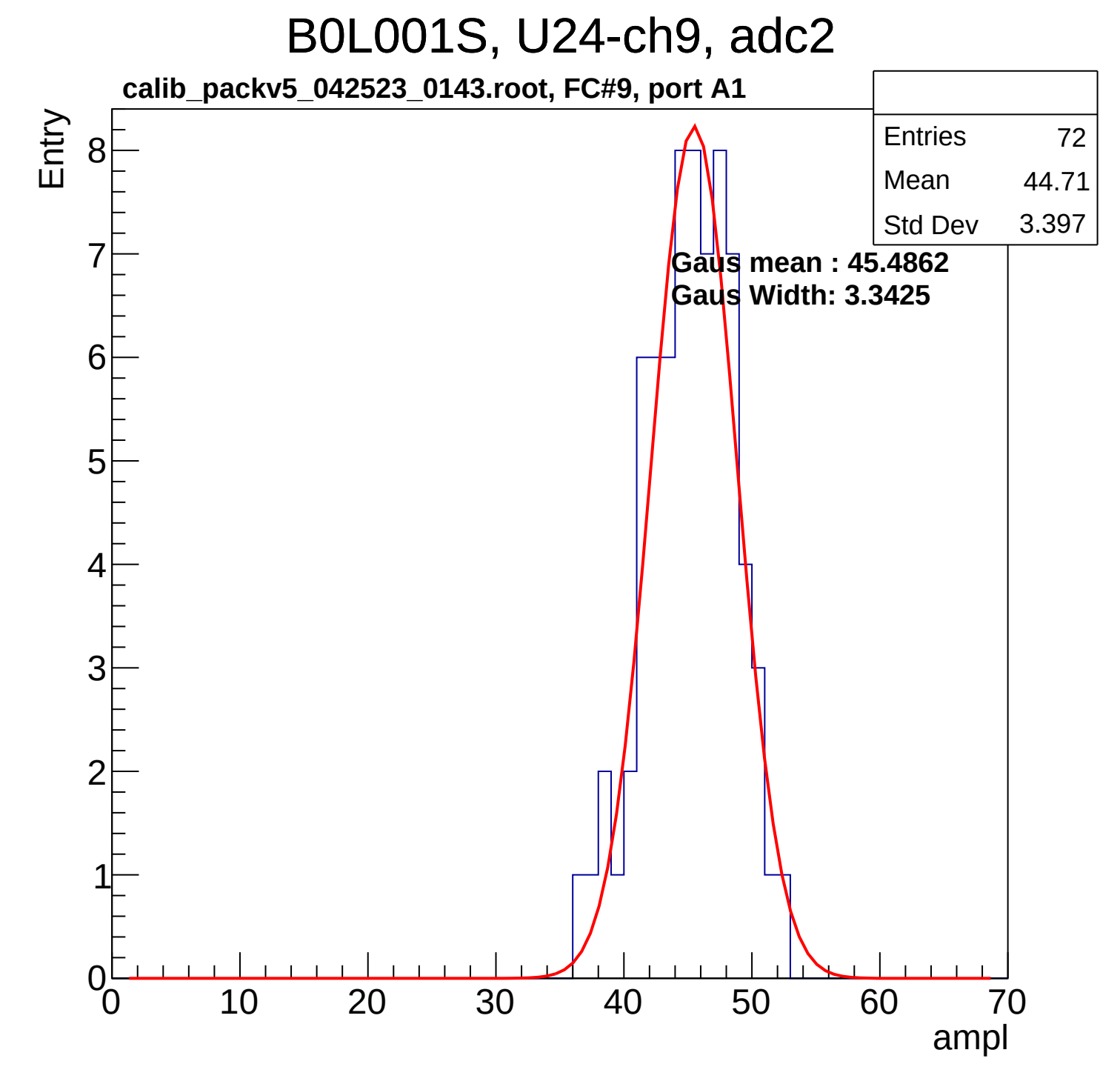

B0L001S, U24-ch8, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 59
Std Dev 10.36
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch8, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch8, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch9, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 31.27
Std Dev 3.657
Gaus mean : 31.8374
Gaus Width: 3.8105
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch9, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 38.2
Std Dev 3.439
Gaus mean : 38.8637
Gaus Width: 4.1530
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch9, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 44.71
Std Dev 3.397
Gaus mean : 45.4862
Gaus Width: 3.3425
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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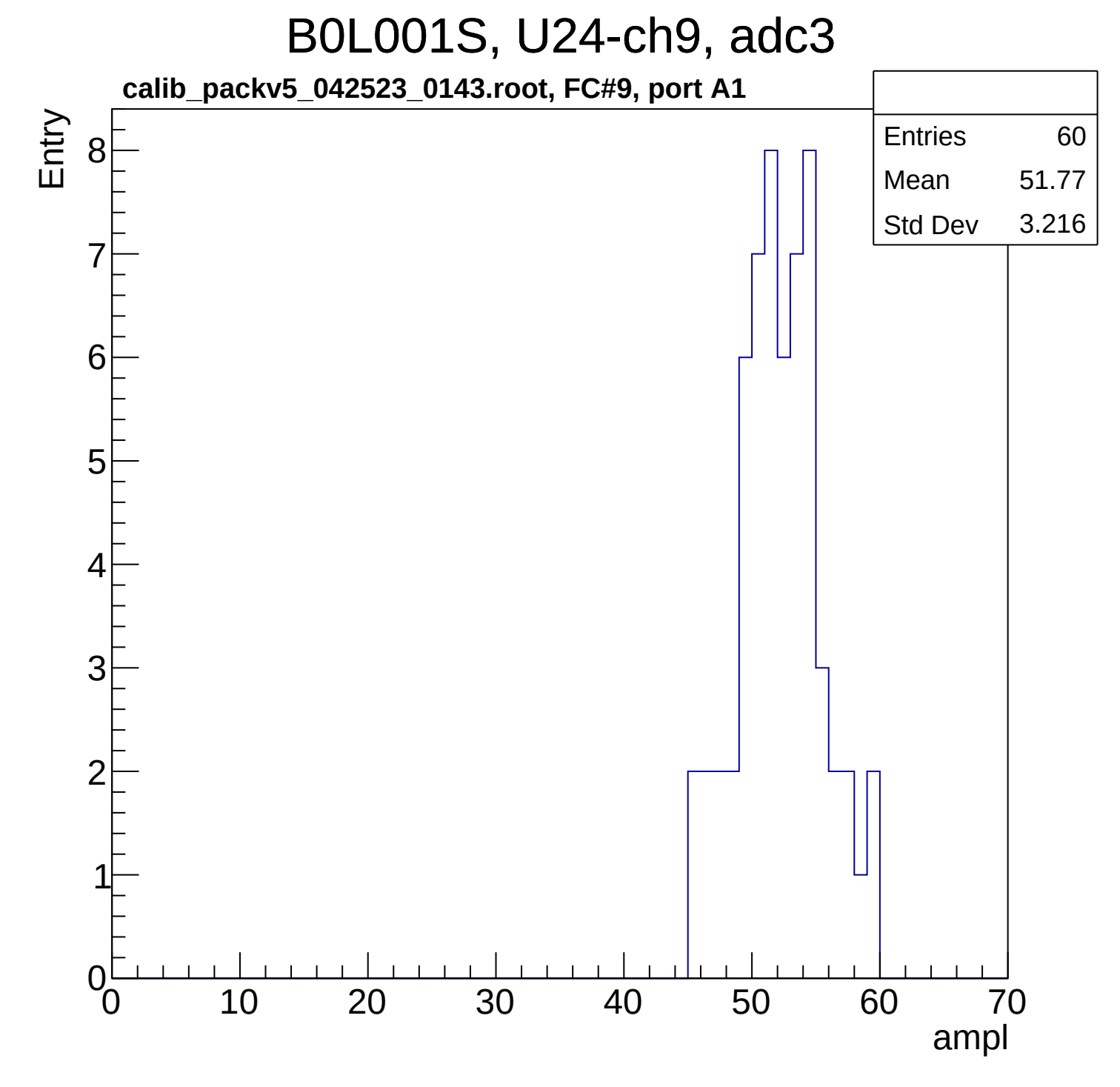
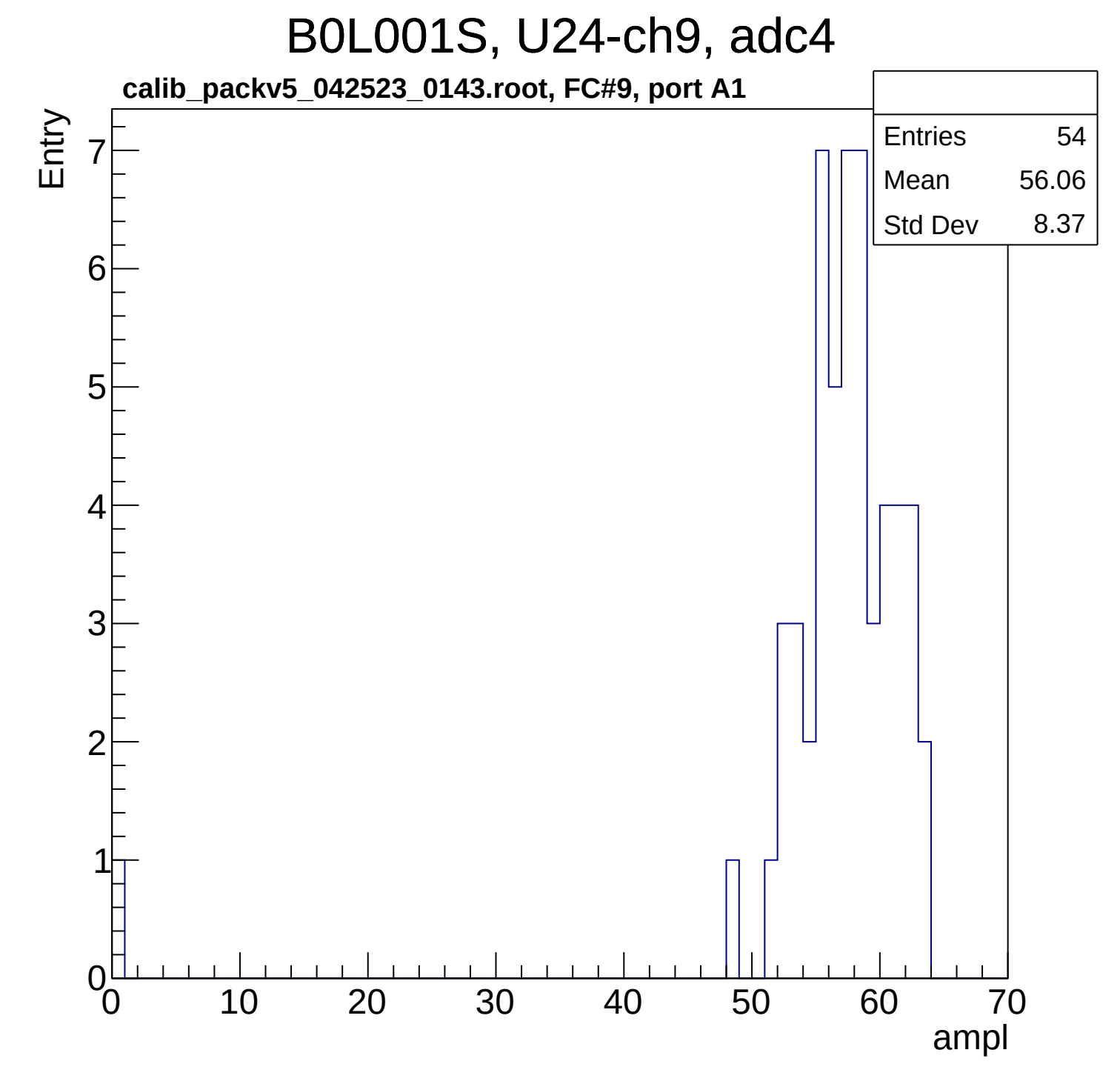
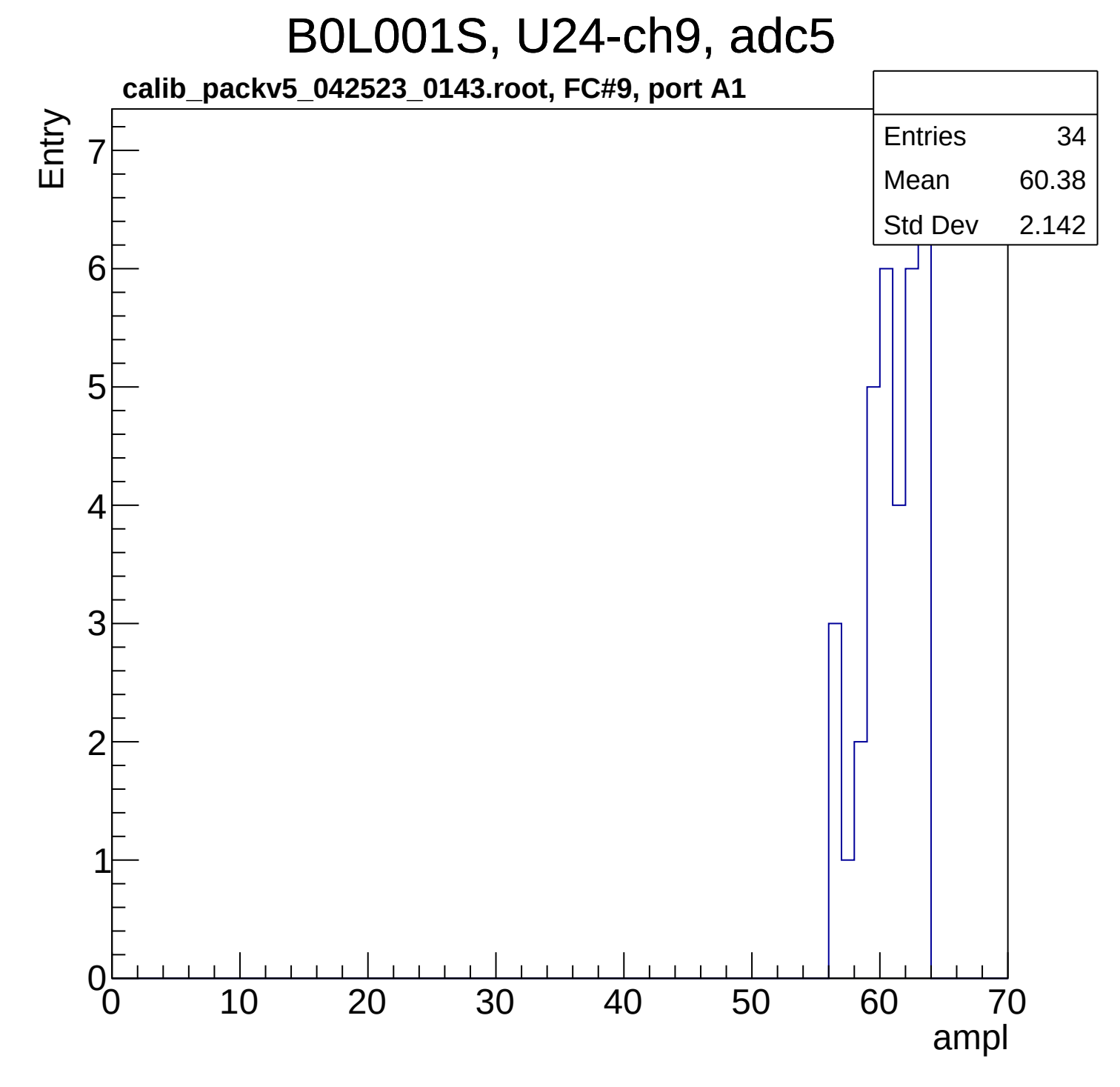
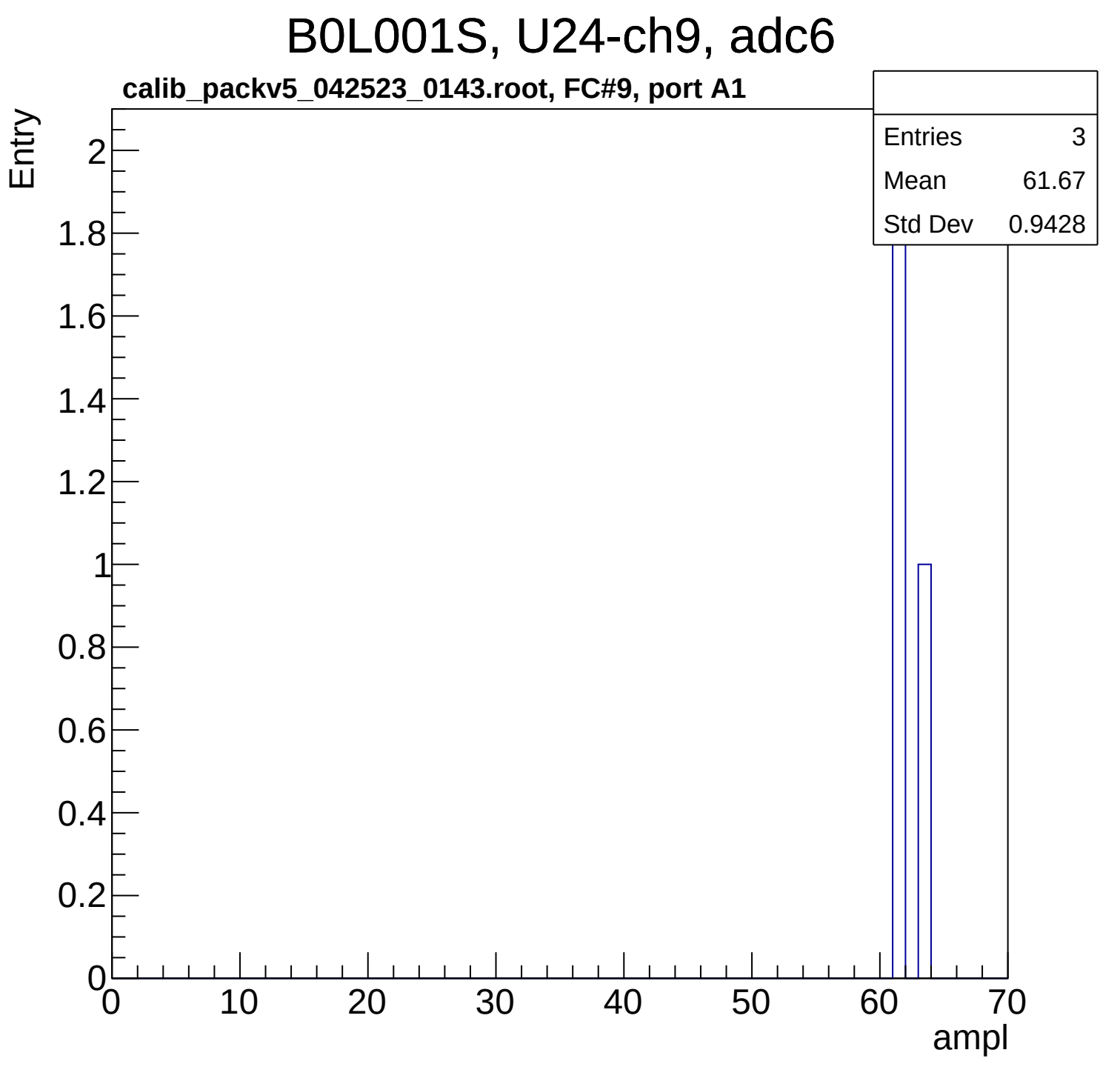
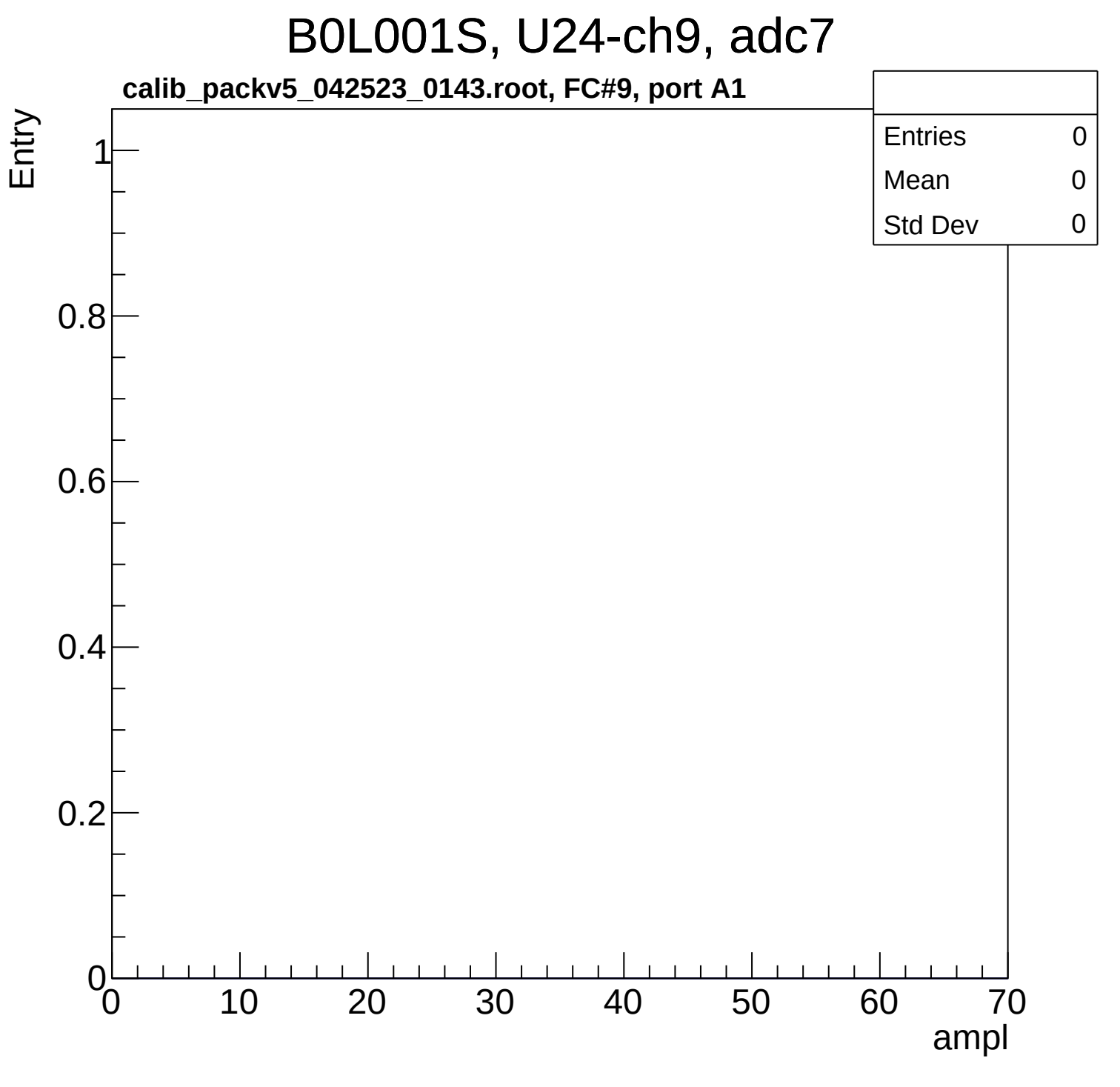
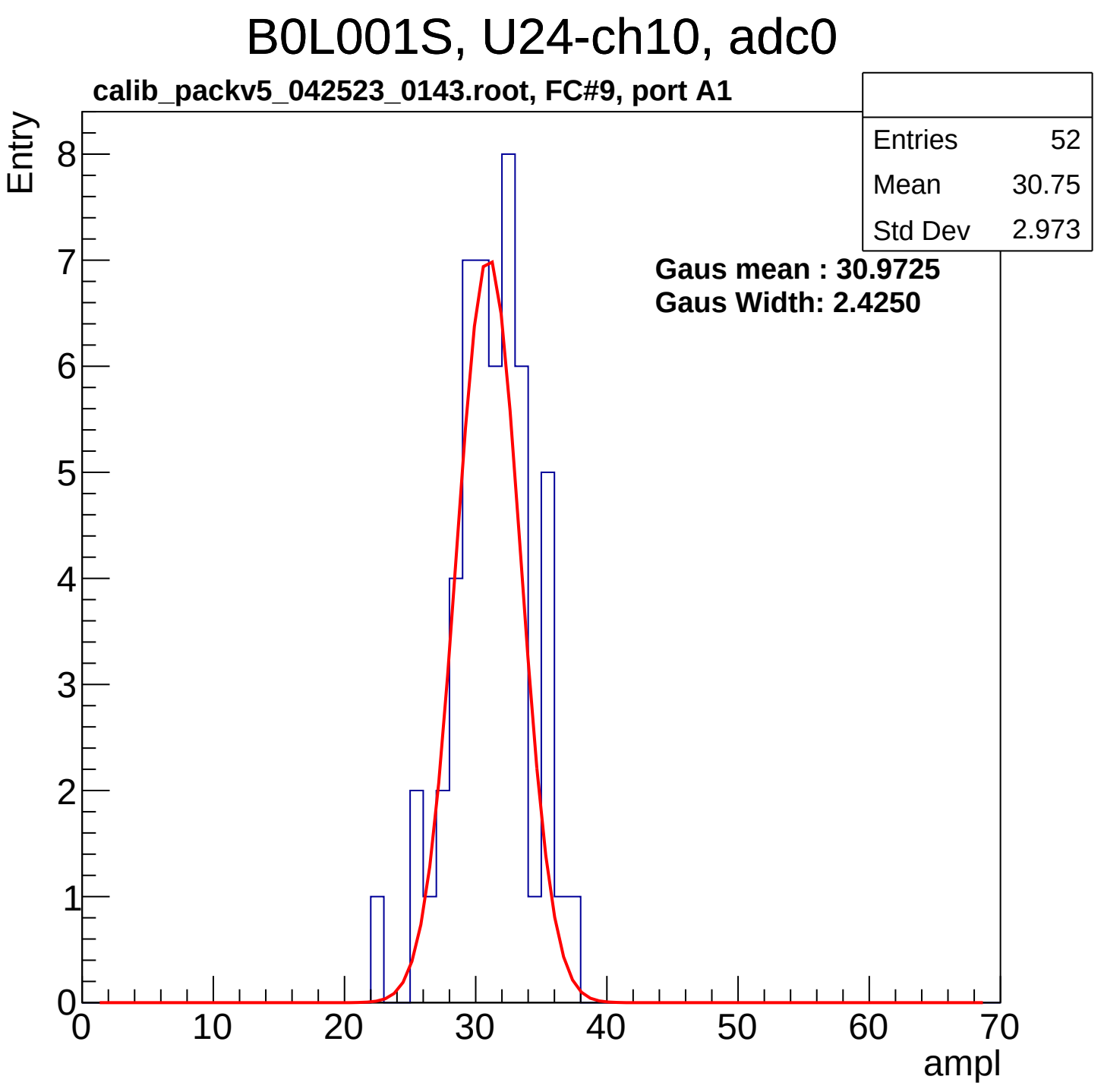

B0L001S, U24-ch9, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 51.77
Std Dev 3.216
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch9, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.06
Std Dev 8.37
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch9, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 60.38
Std Dev 2.142
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch9, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.67
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch9, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch10, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 30.75
Std Dev 2.973
Gaus mean : 30.9725
Gaus Width: 2.4250
Entry
ampl
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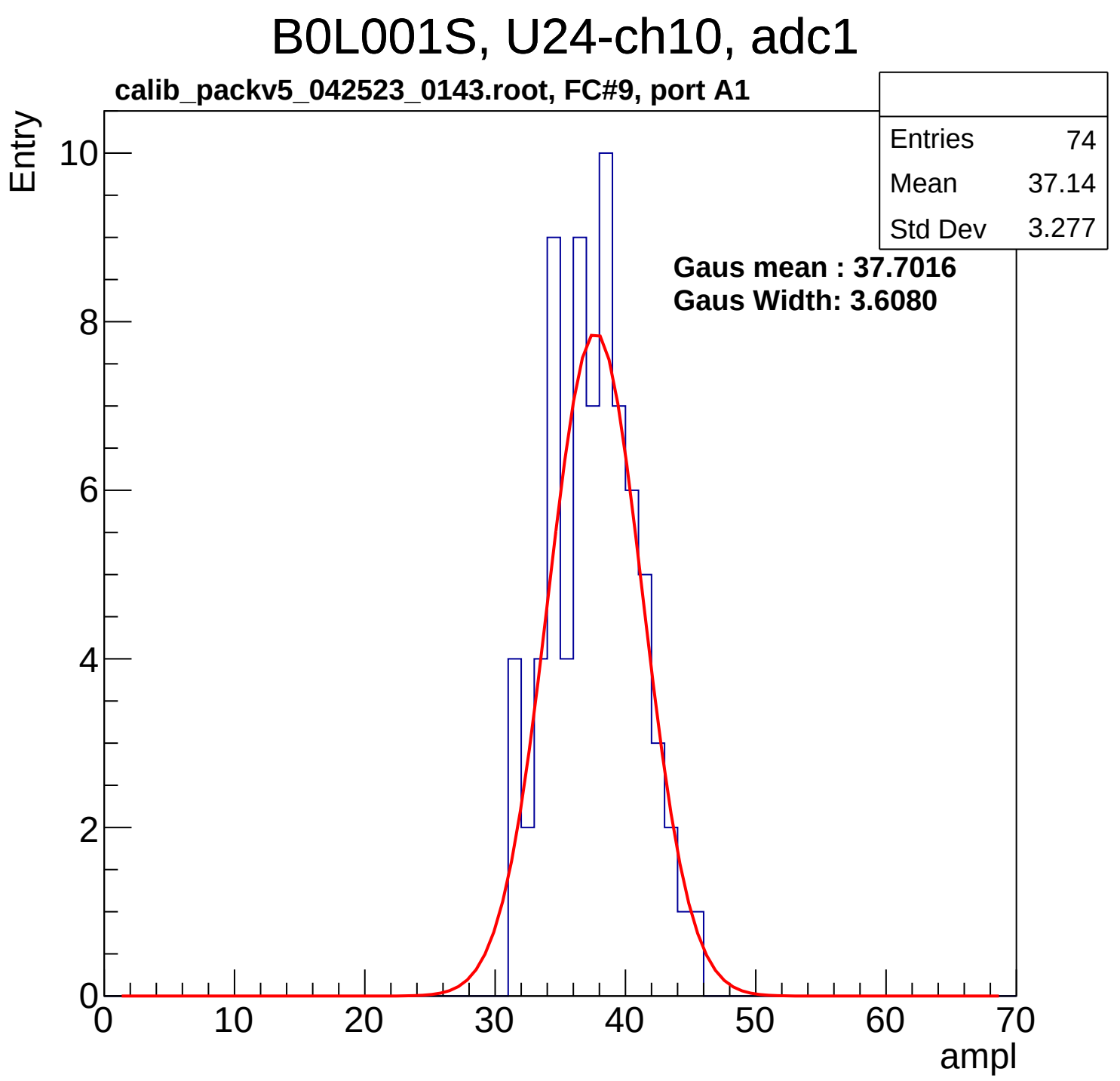
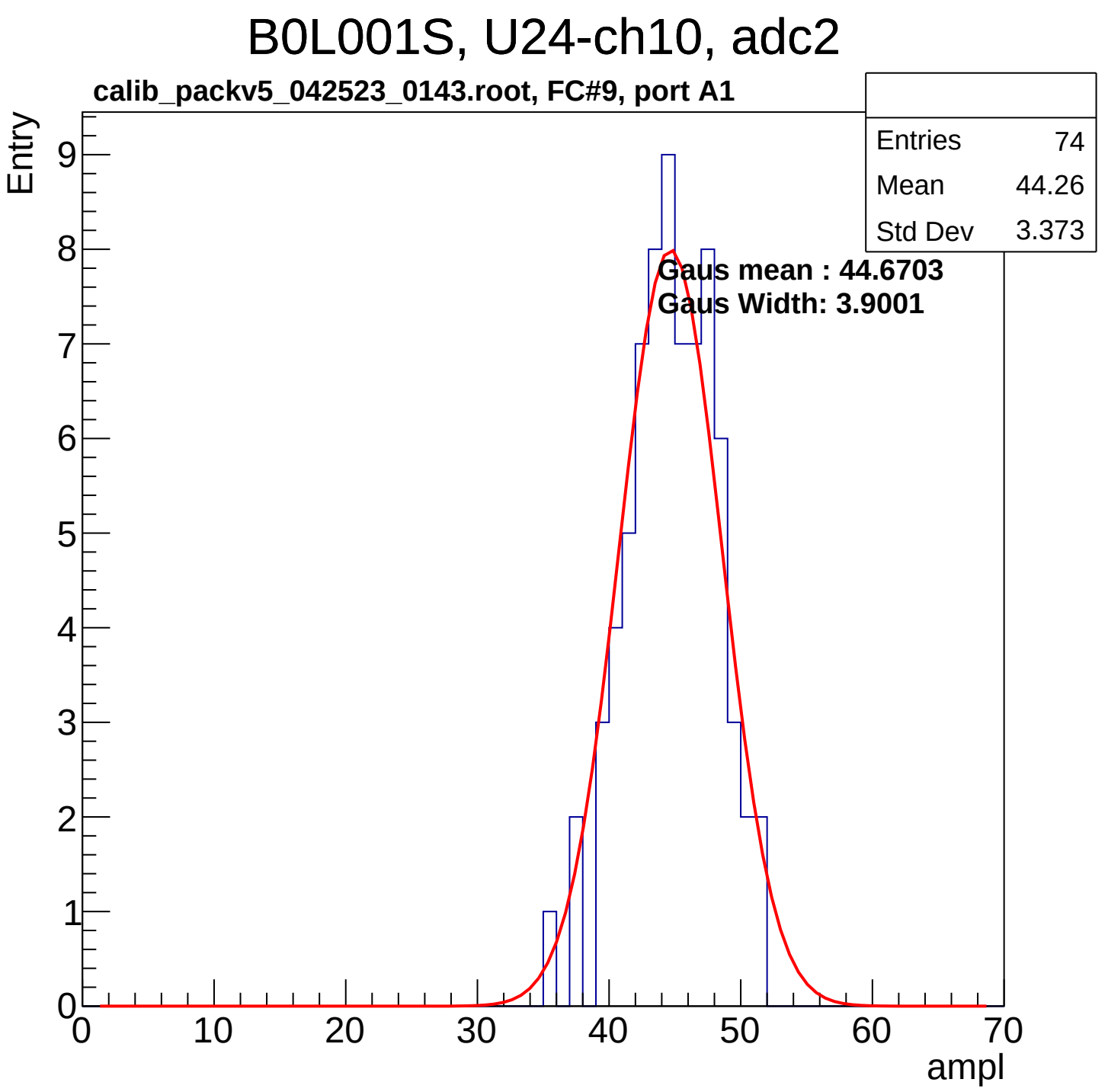
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch10, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 37.14
Std Dev 3.277
Gaus mean : 37.7016
Gaus Width: 3.6080
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch10, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 44.26
Std Dev 3.373
Gaus mean : 44.6703
Gaus Width: 3.9001
Entry
ampl
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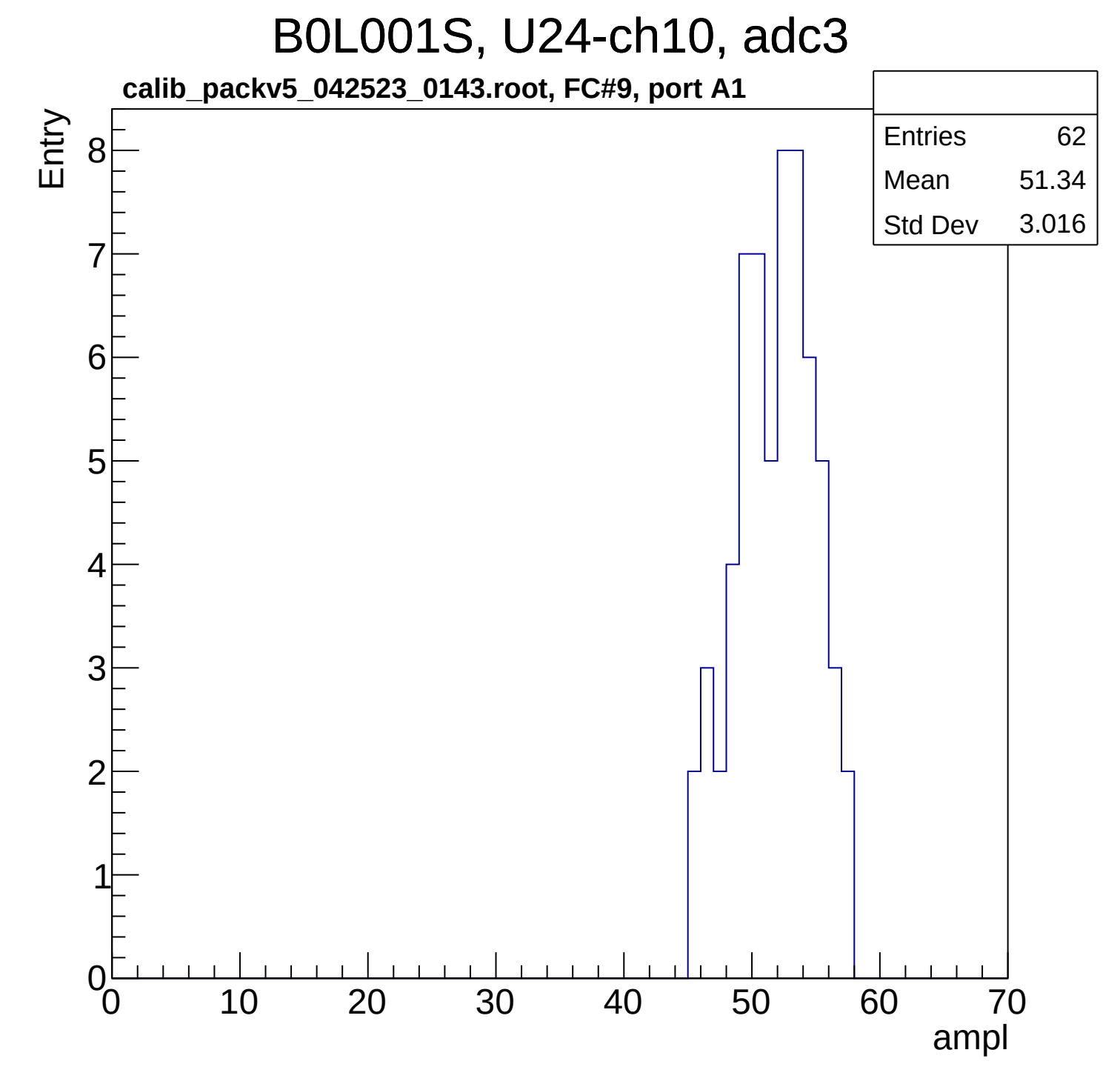
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch10, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 51.34
Std Dev 3.016
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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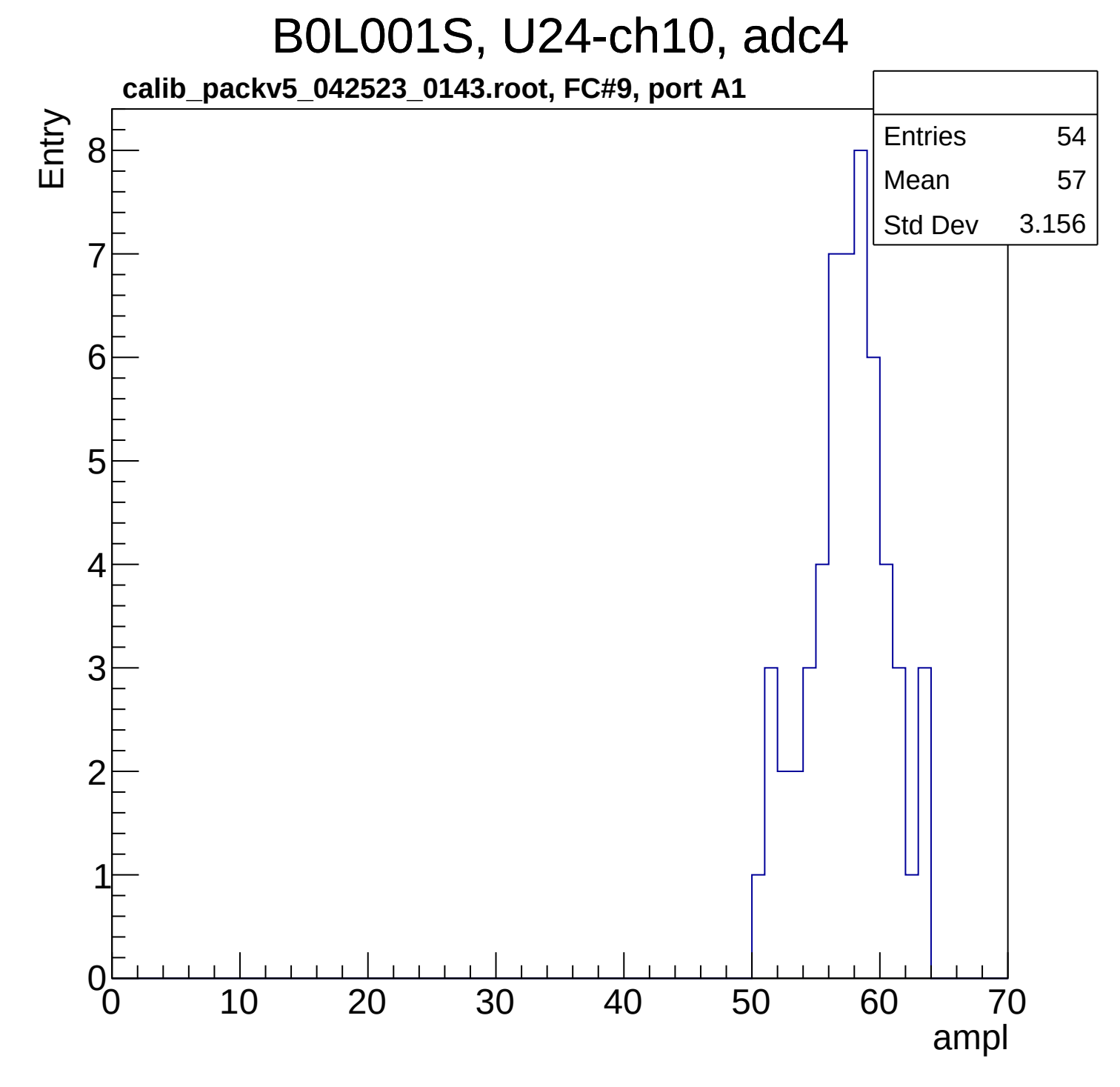
B0L001S, U24-ch10, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 57
Std Dev 3.156
Entry
ampl
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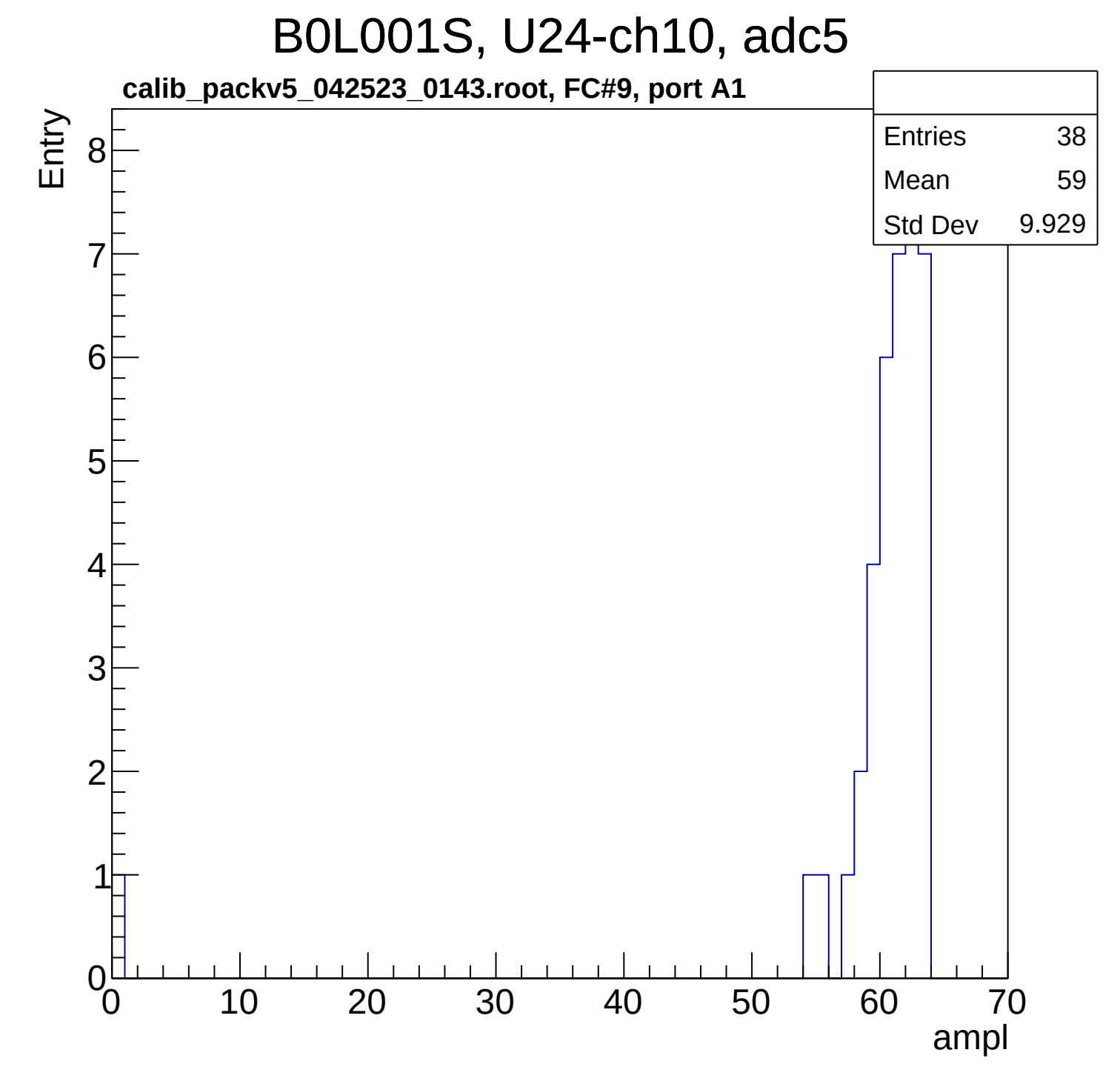
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch10, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 59
Std Dev 9.929
Entry
ampl
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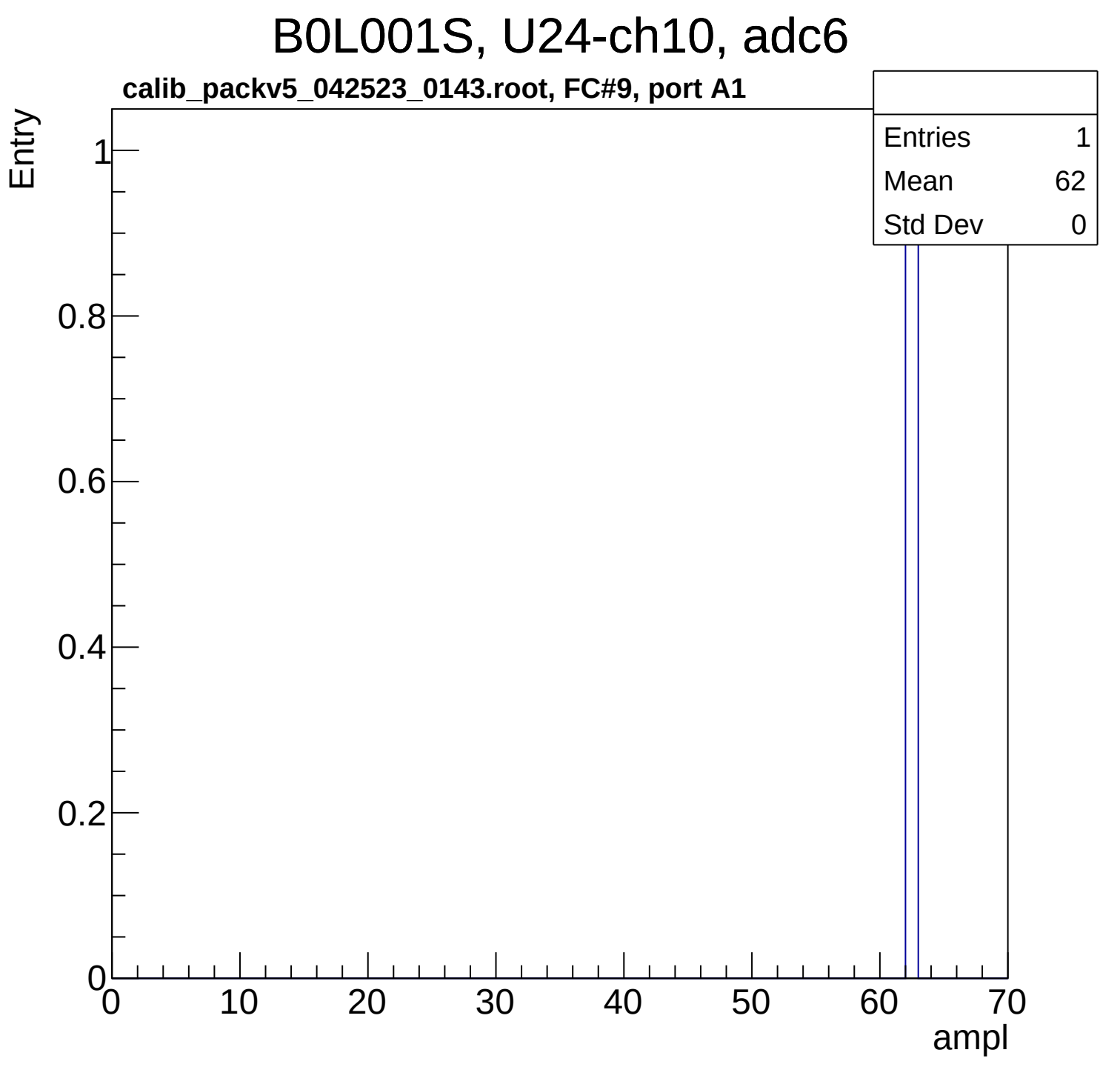
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch10, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
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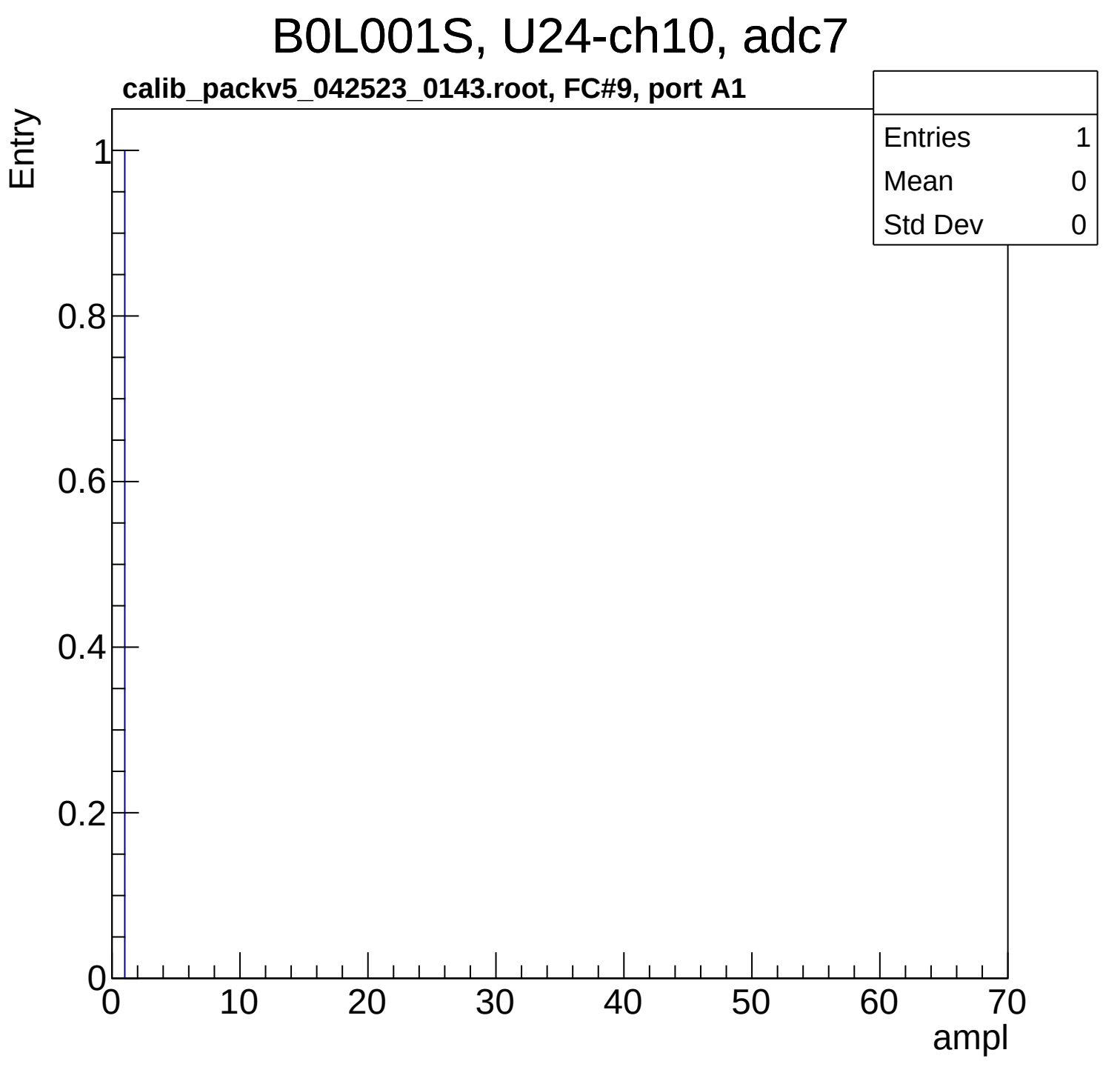
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch10, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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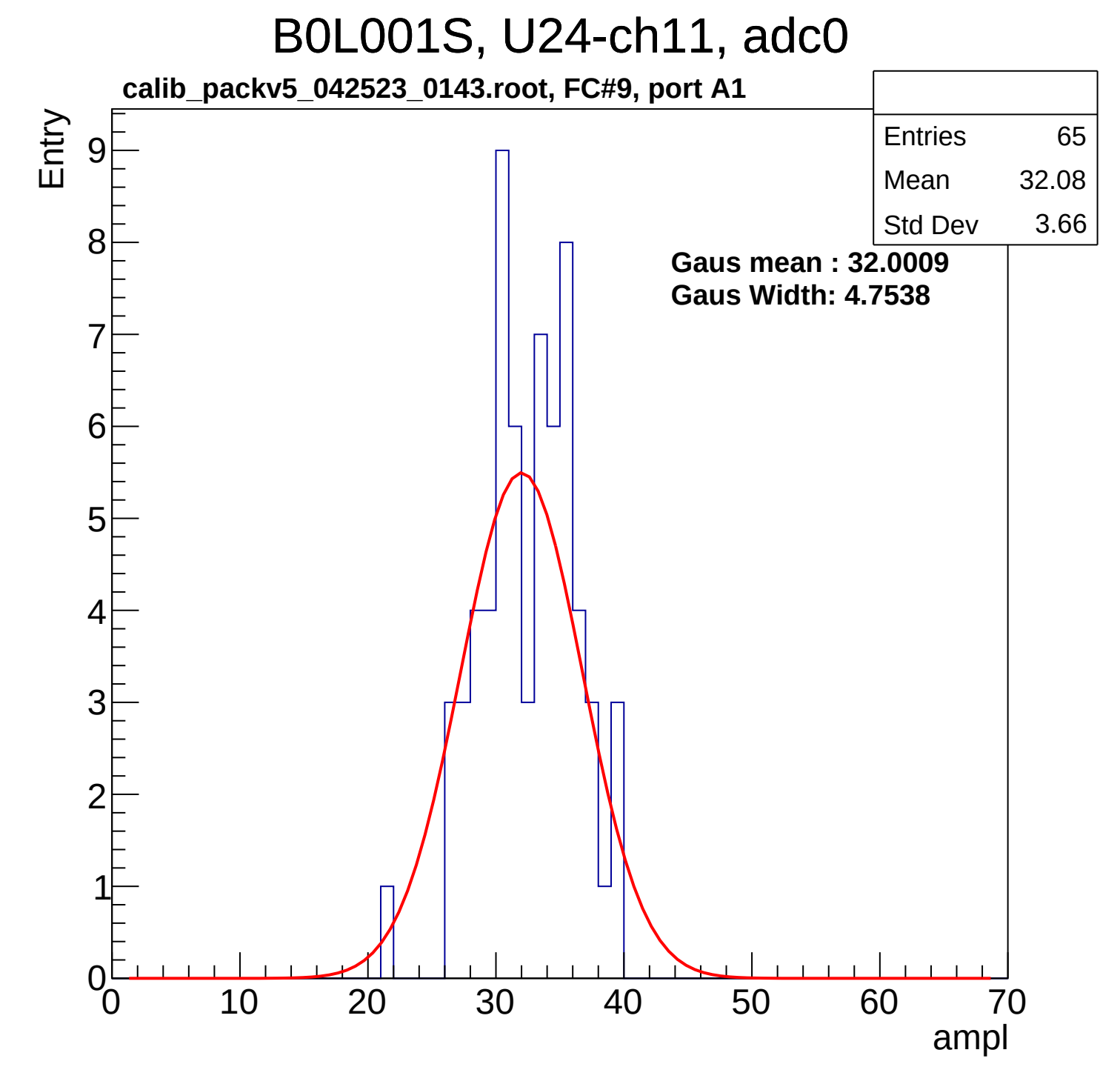
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch11, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 32.08
Std Dev 3.66
Gaus mean : 32.0009
Gaus Width: 4.7538
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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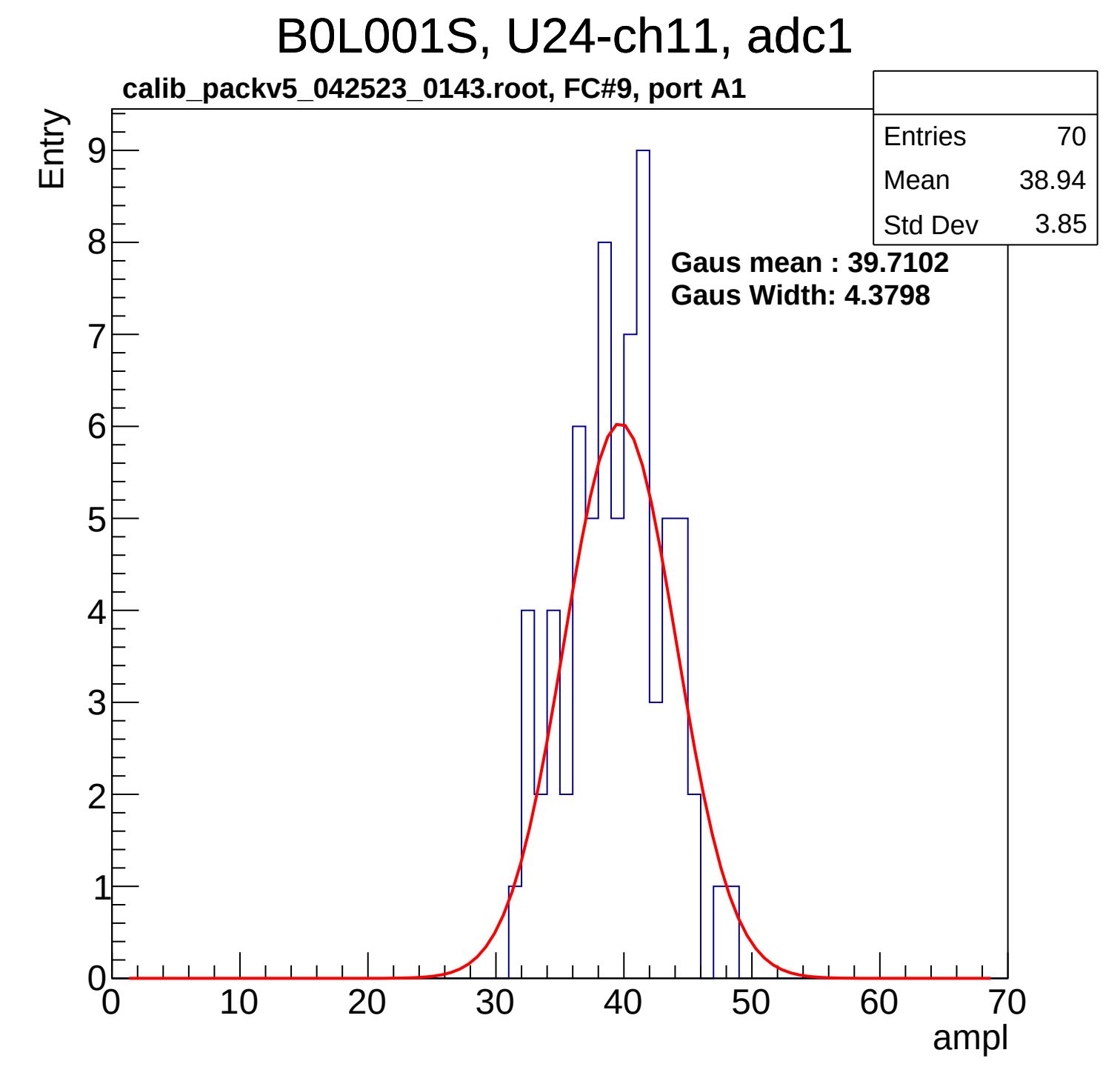
60
70


B0L001S, U24-ch11, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 38.94
Std Dev 3.85
Gaus mean : 39.7102
Gaus Width: 4.3798
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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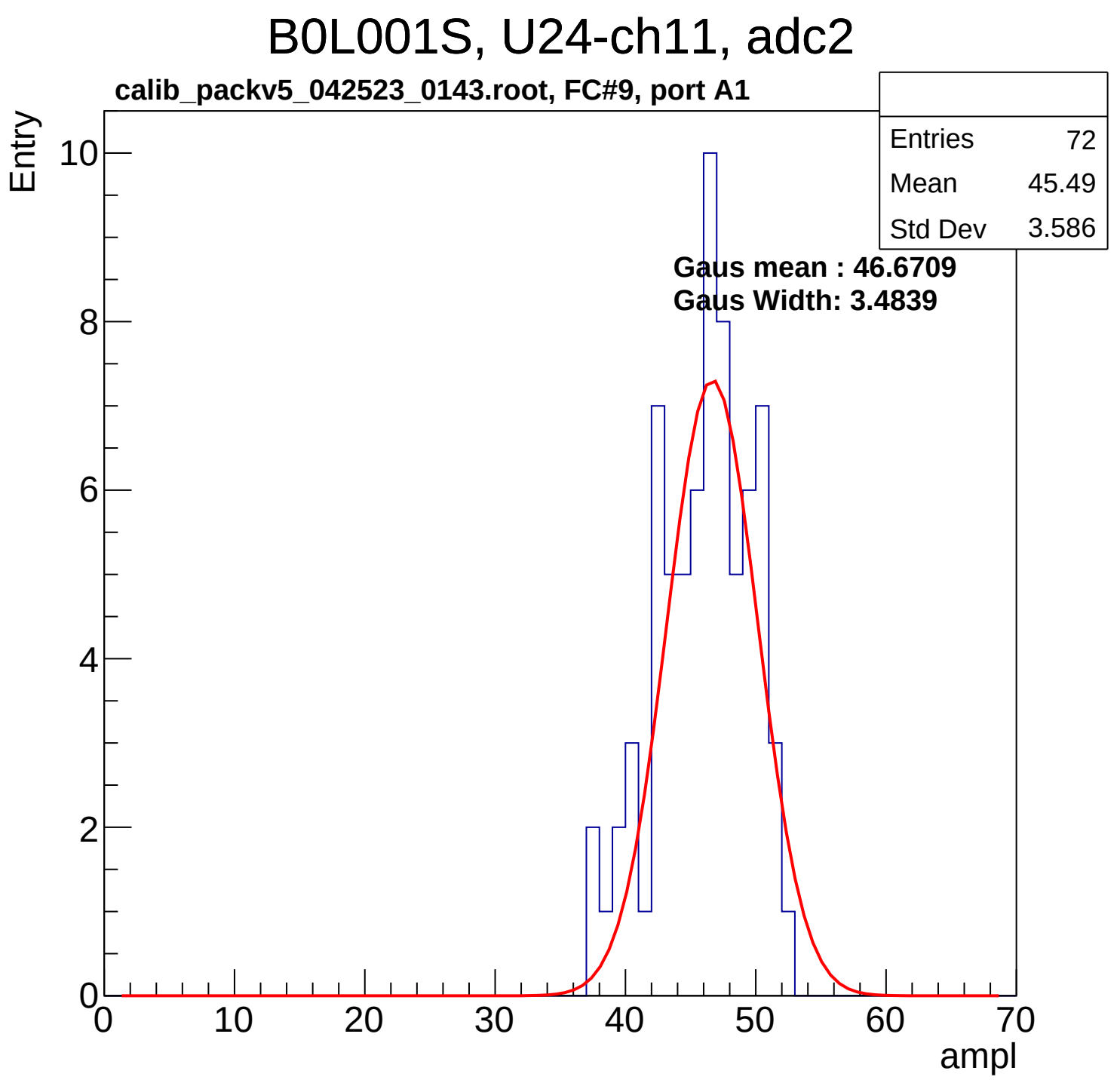
B0L001S, U24-ch11, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 45.49
Std Dev 3.586
Gaus mean : 46.6709
Gaus Width: 3.4839
Entry
ampl
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4
6
8
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0
10
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40
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60
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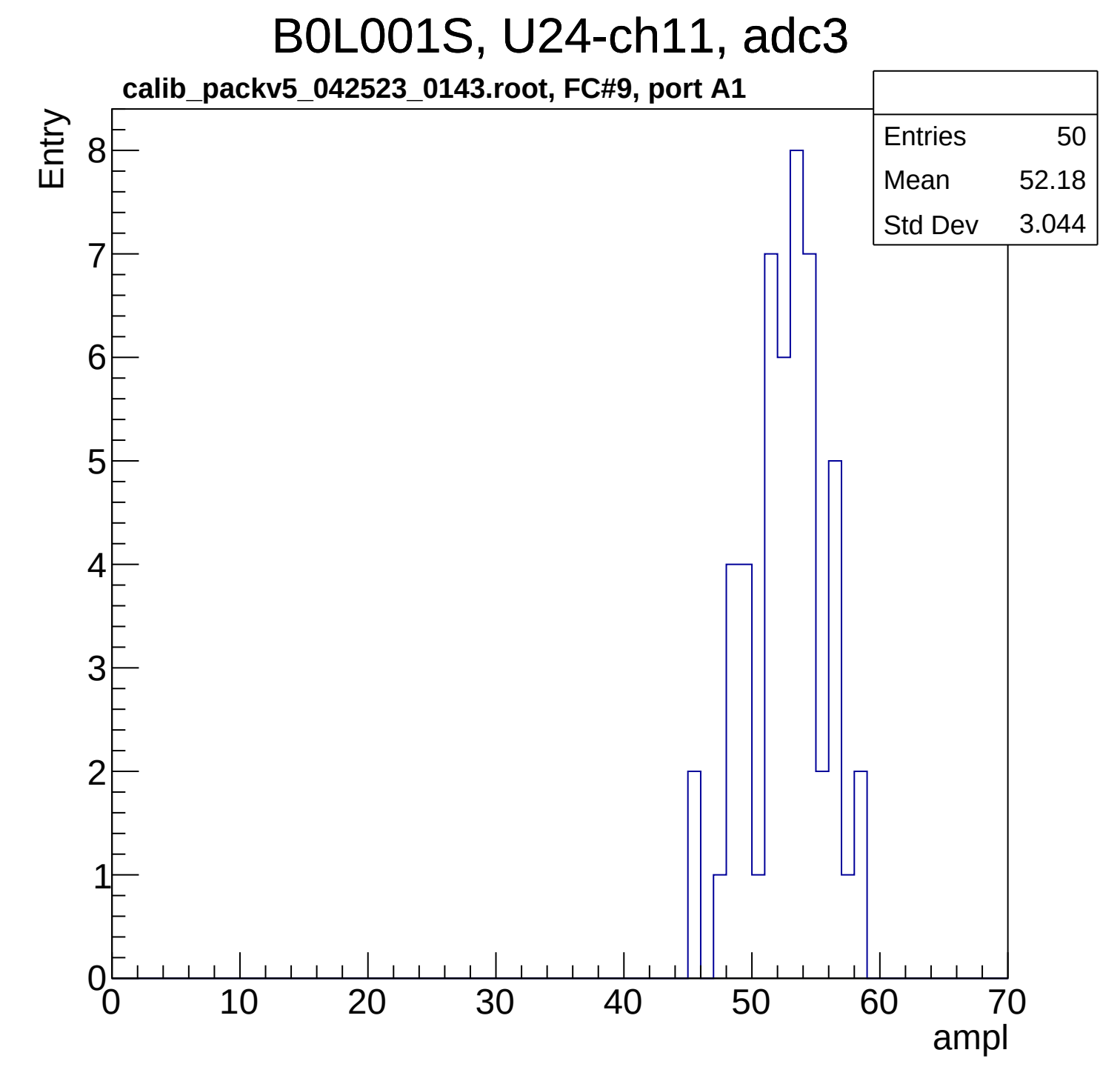
B0L001S, U24-ch11, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 52.18
Std Dev 3.044
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
50
60
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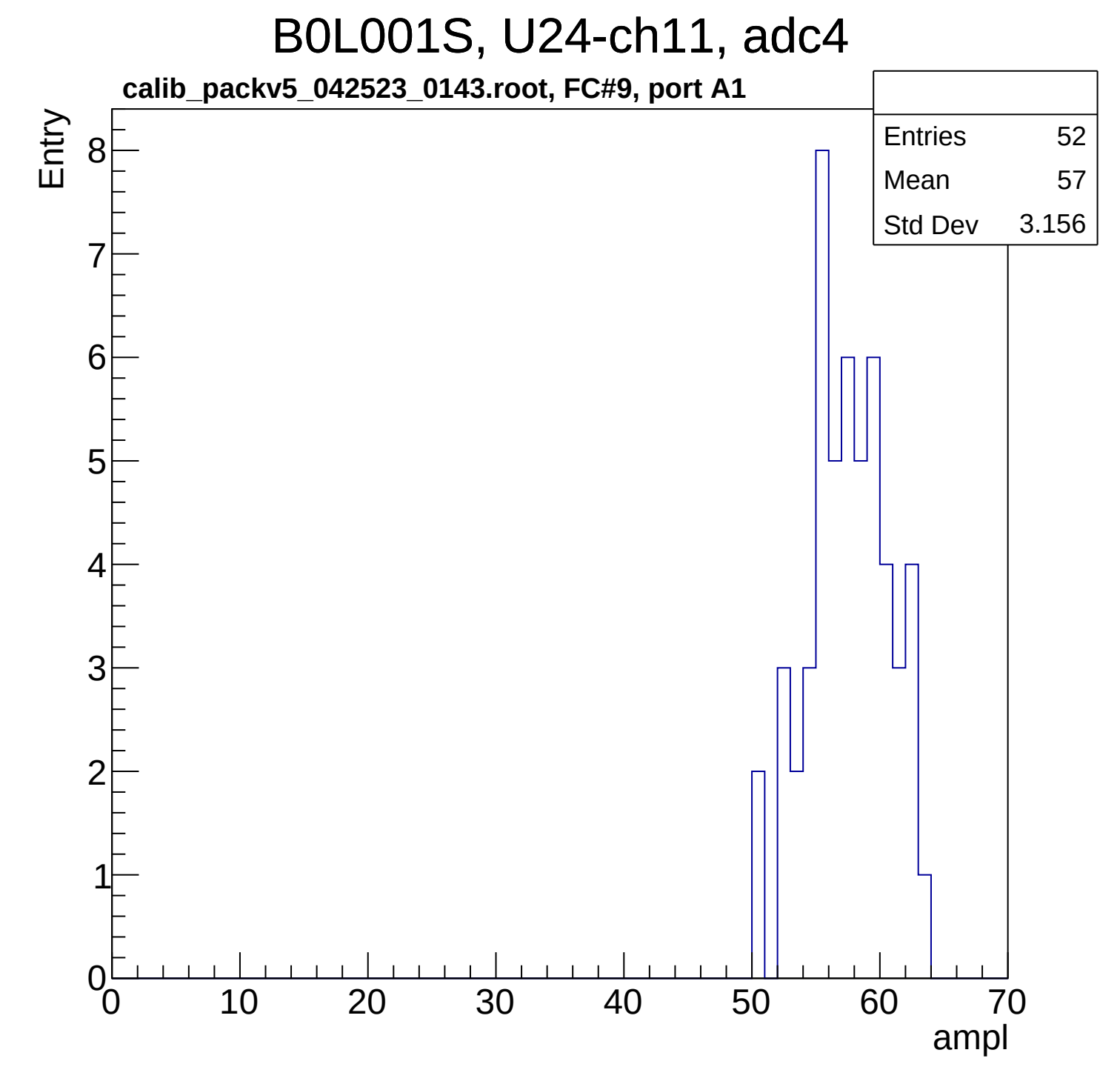
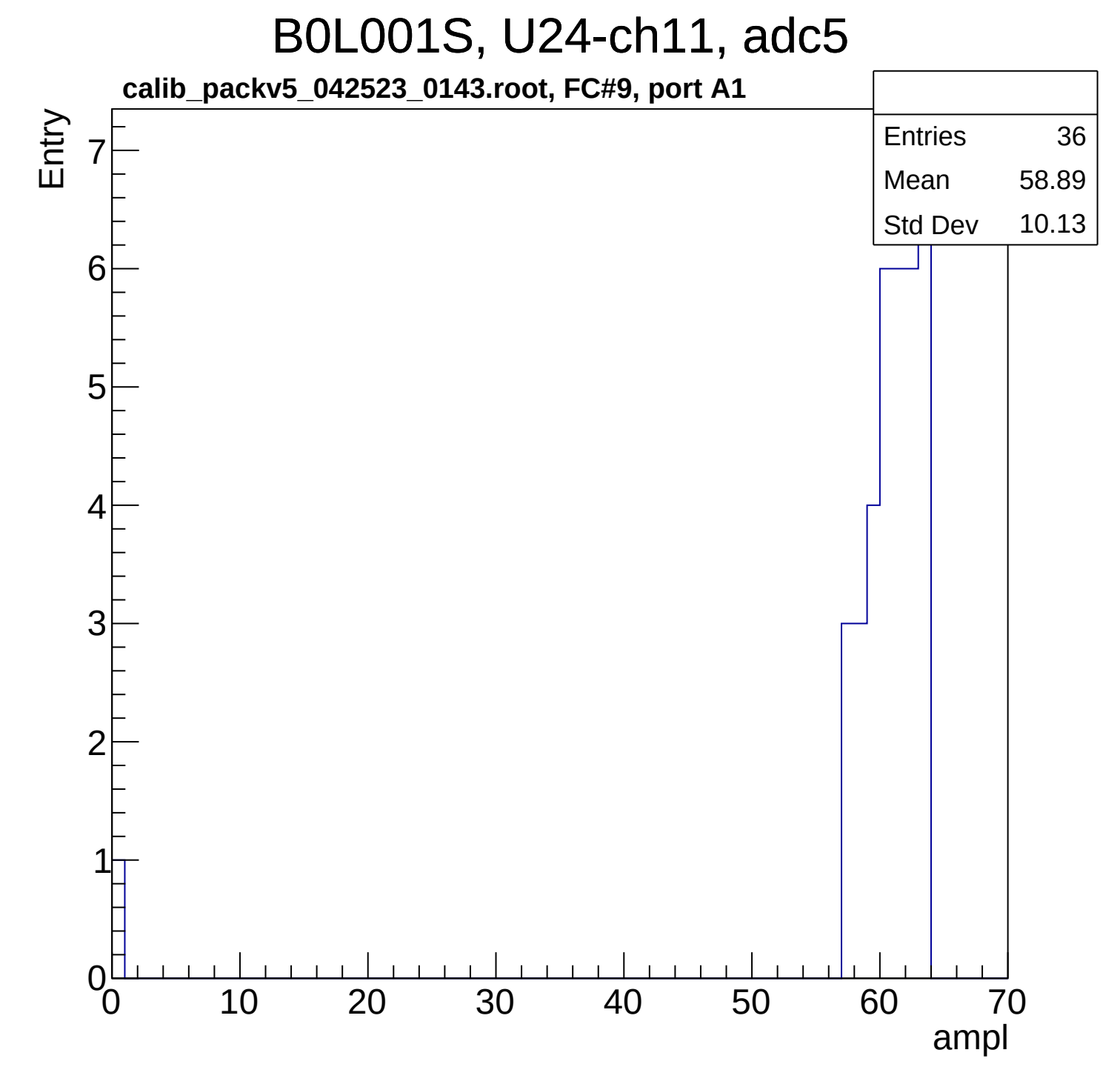

B0L001S, U24-ch11, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 57
Std Dev 3.156
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch11, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 58.89
Std Dev 10.13
Entry
ampl
0
1
2
3
4
5
6
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0
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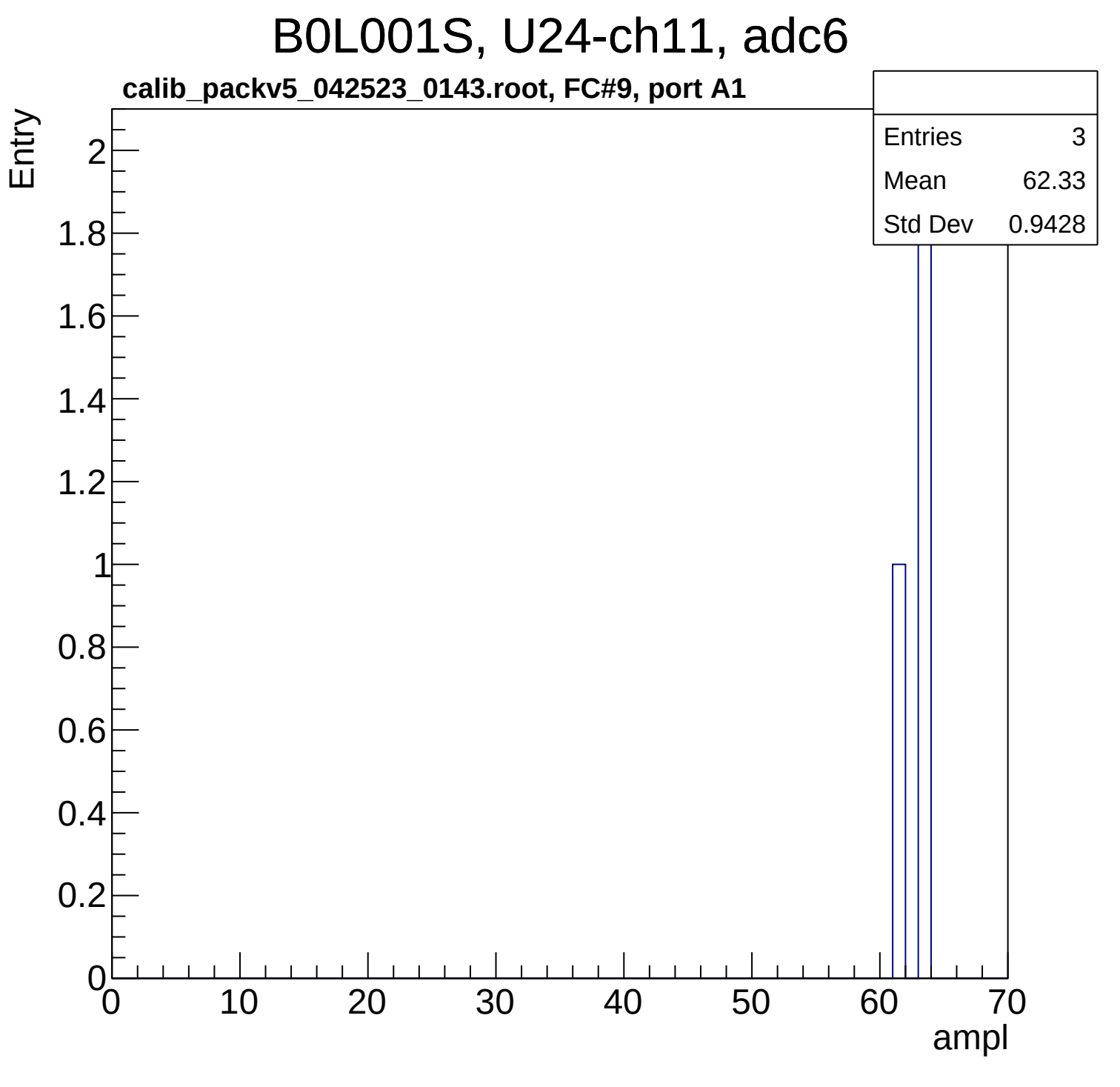
B0L001S, U24-ch11, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
10
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60
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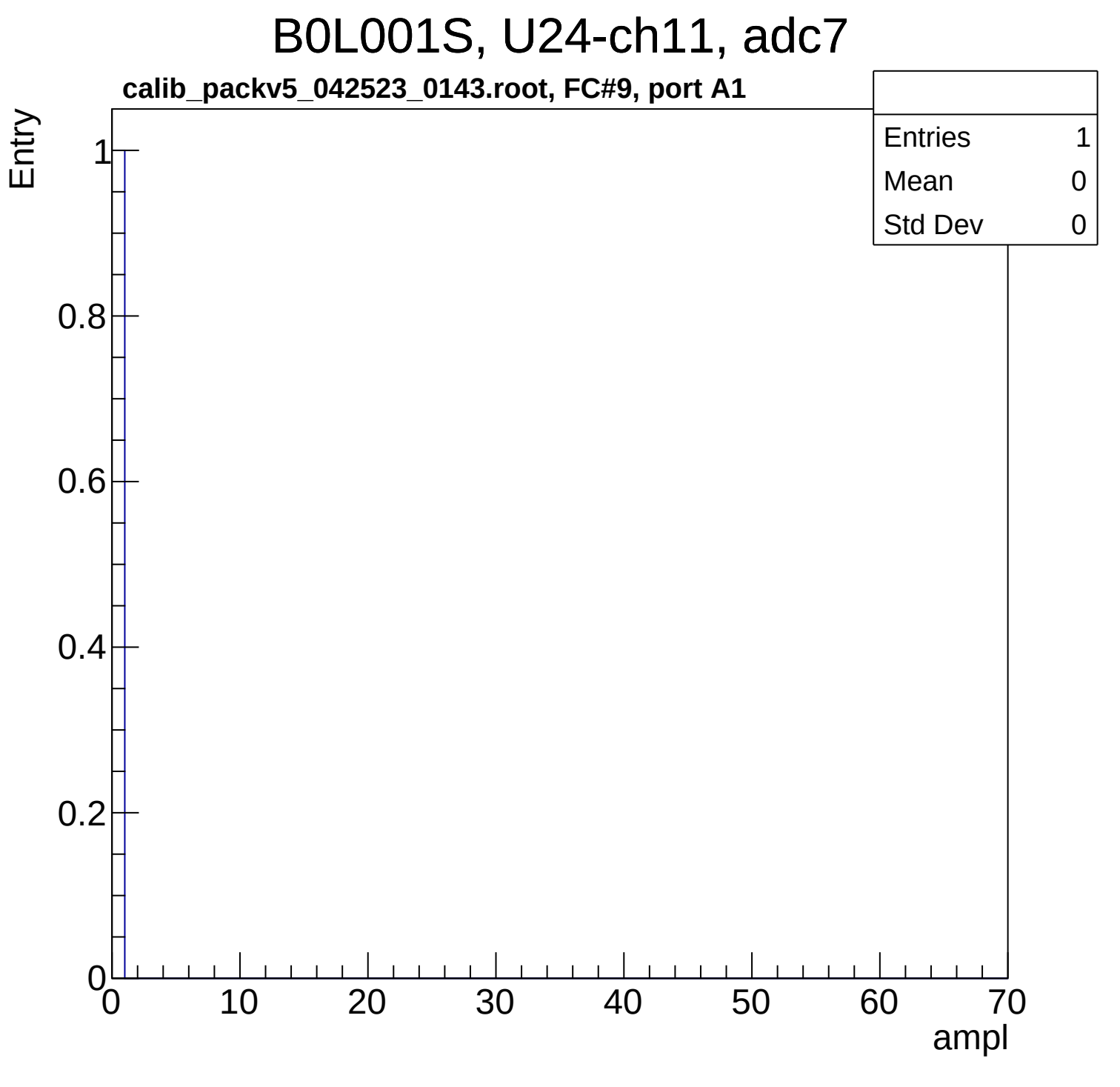
B0L001S, U24-ch11, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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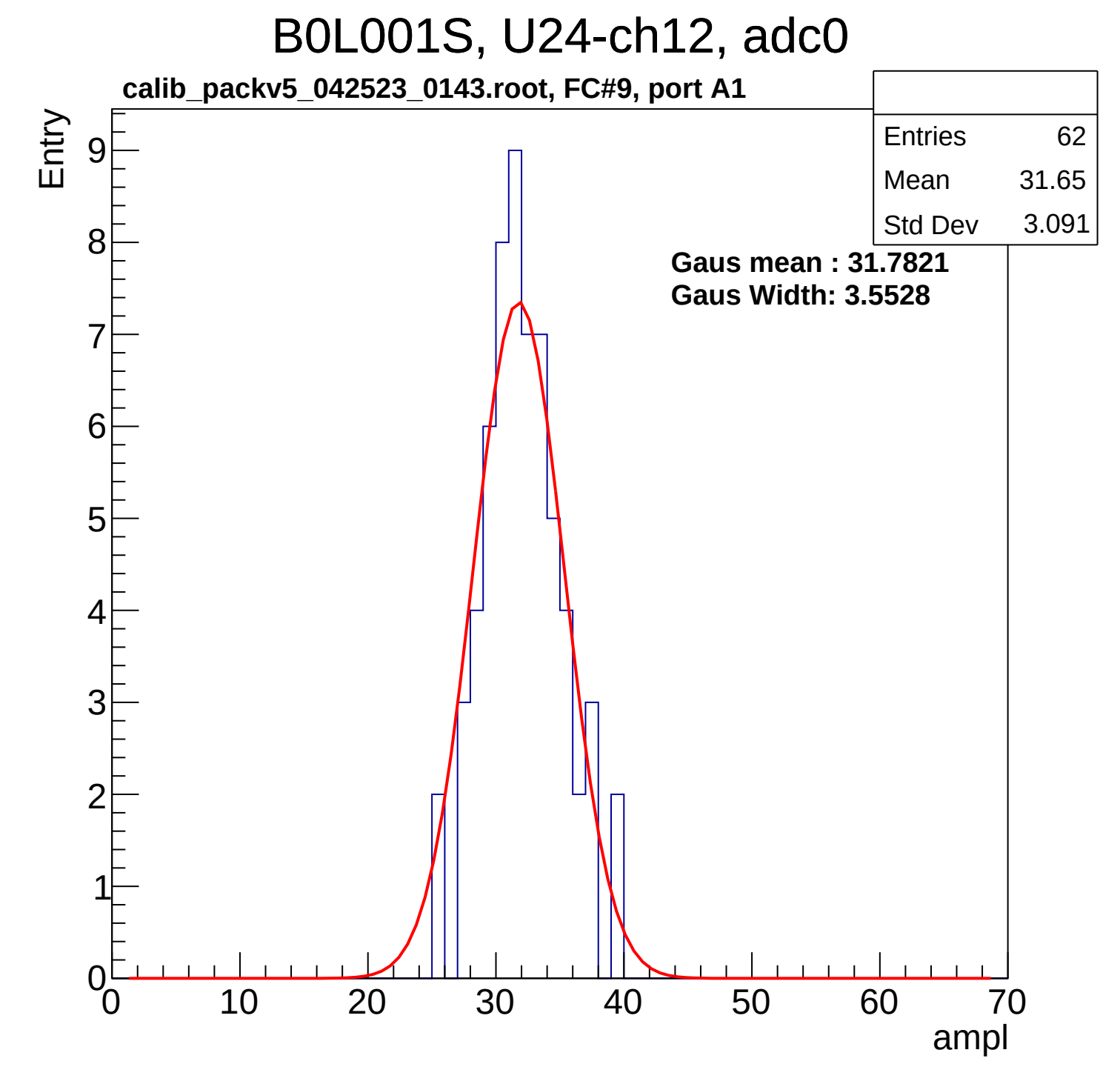
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch12, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 31.65
Std Dev 3.091
Gaus mean : 31.7821
Gaus Width: 3.5528
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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30
40
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60
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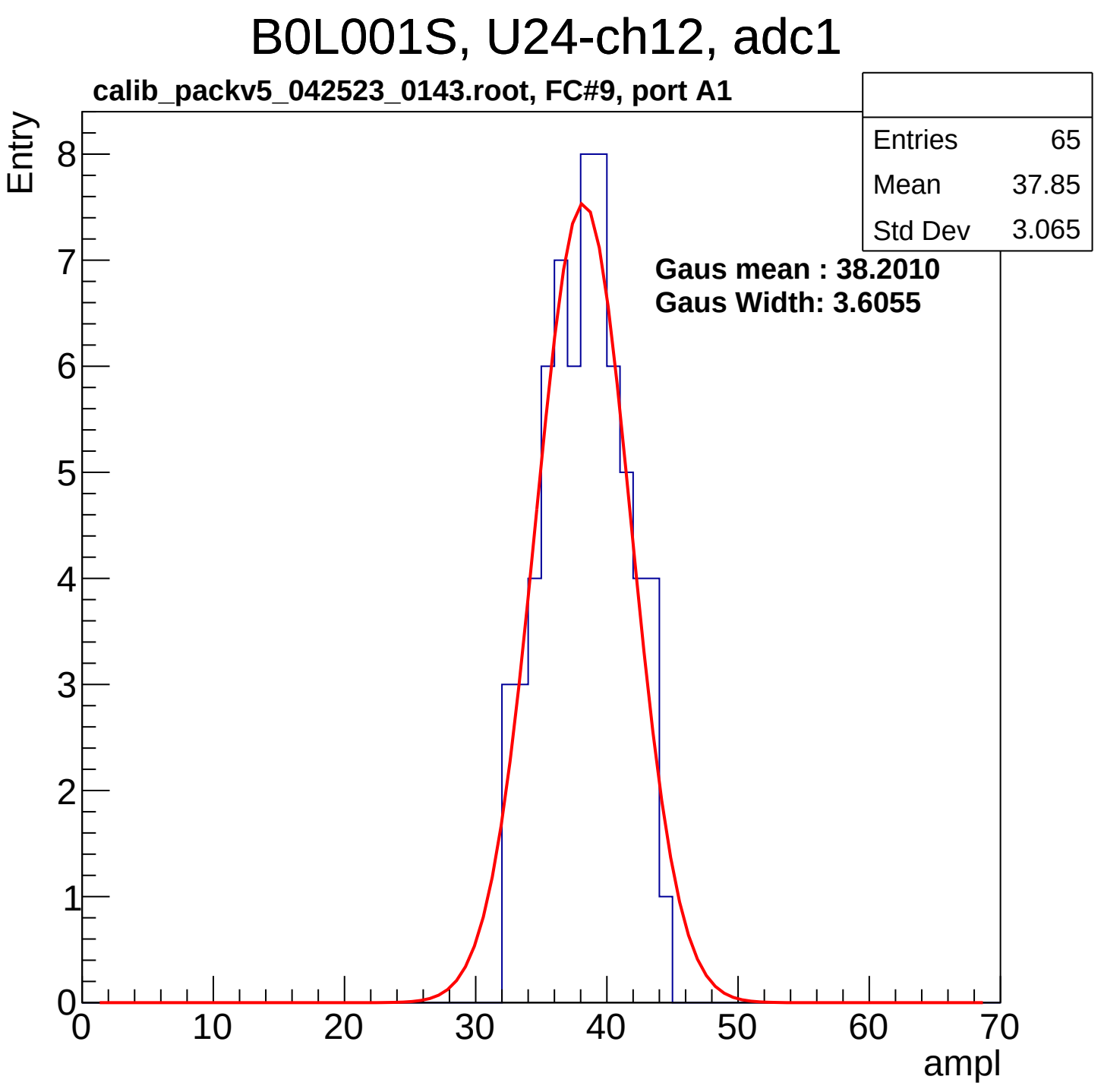
B0L001S, U24-ch12, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 37.85
Std Dev 3.065
Gaus mean : 38.2010
Gaus Width: 3.6055
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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30
40
50
60
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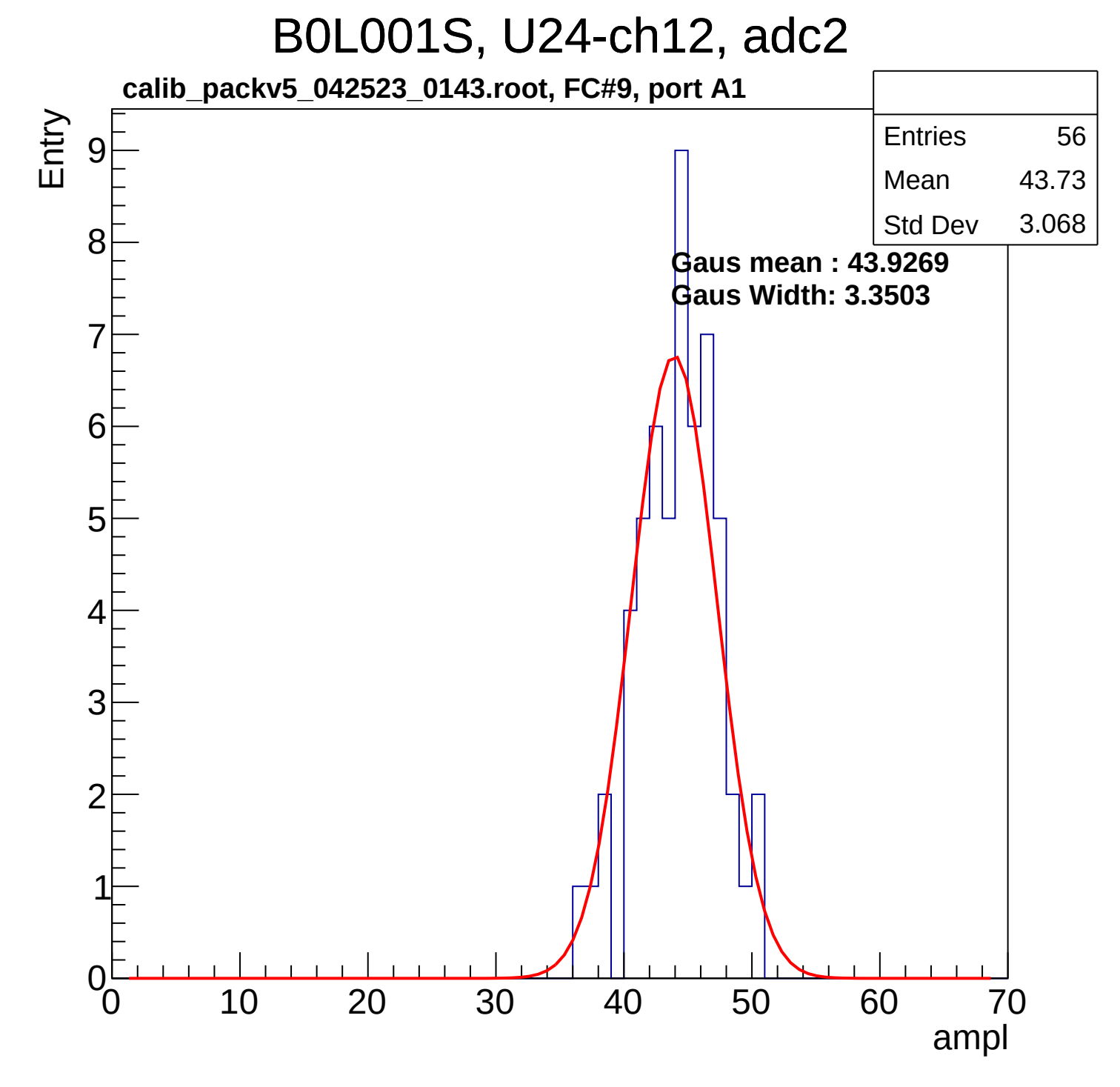
B0L001S, U24-ch12, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 43.73
Std Dev 3.068
Gaus mean : 43.9269
Gaus Width: 3.3503
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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60
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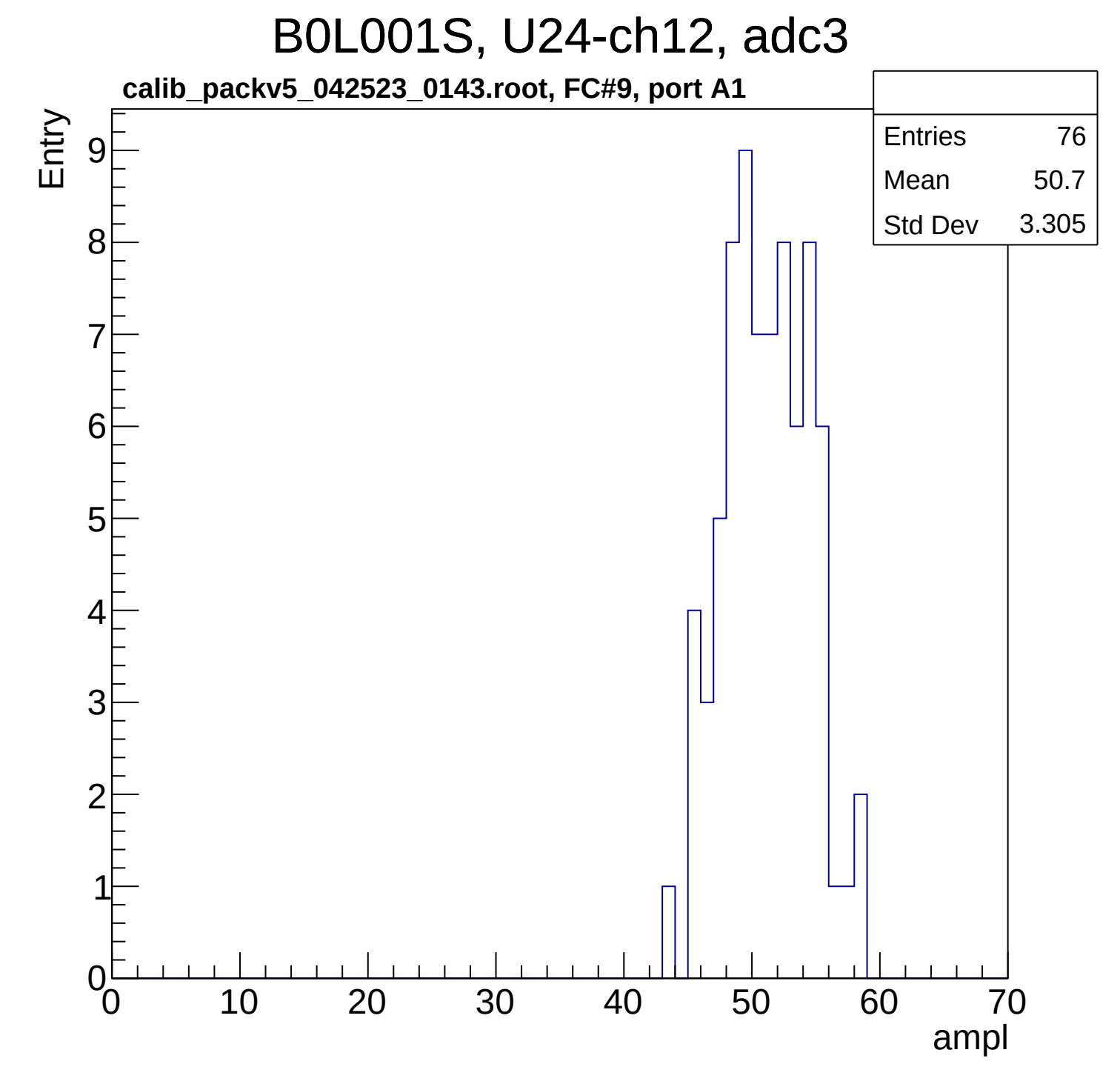
B0L001S, U24-ch12, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 50.7
Std Dev 3.305
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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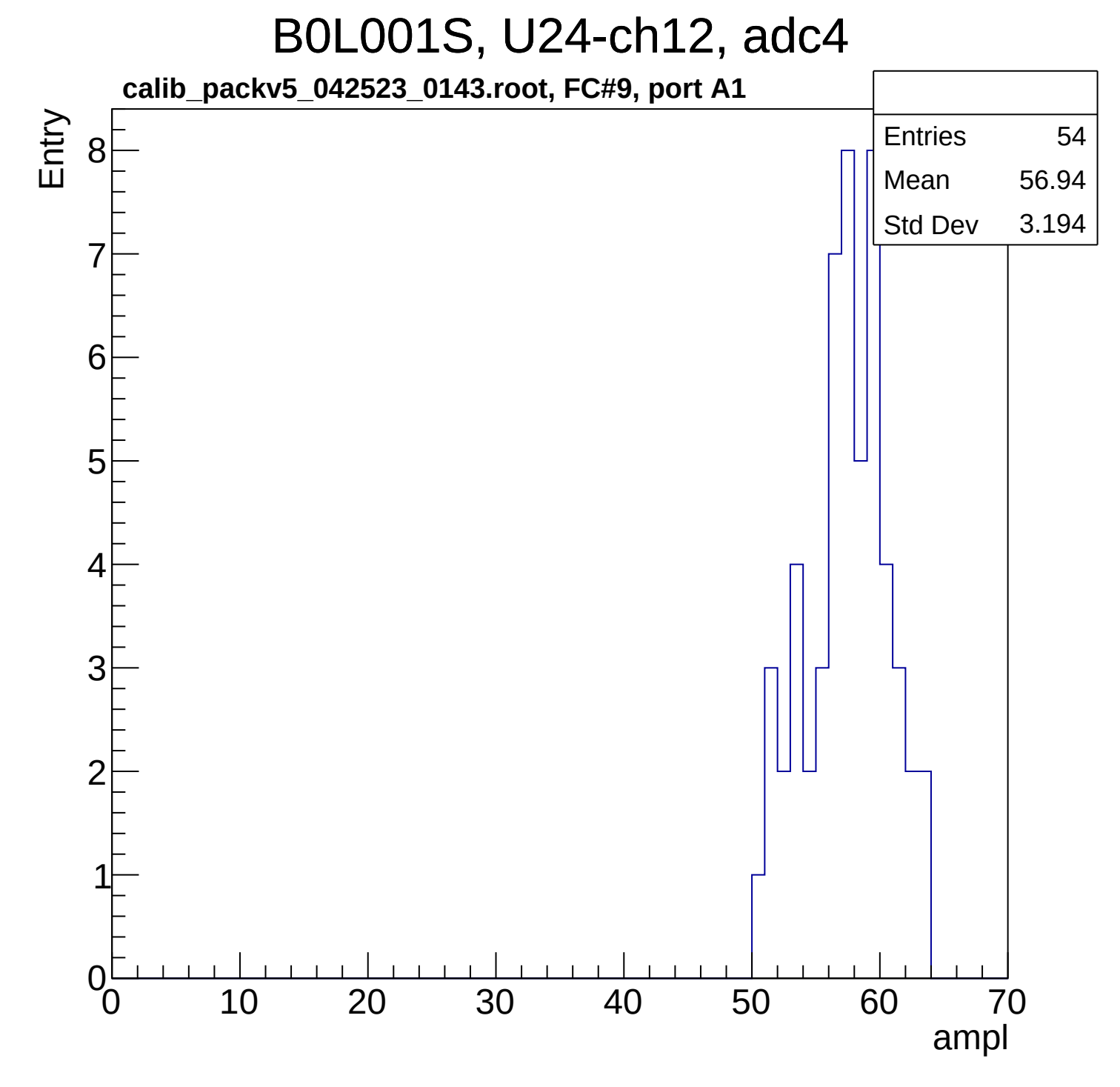
B0L001S, U24-ch12, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 56.94
Std Dev 3.194
Entry
ampl
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1
2
3
4
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7
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0
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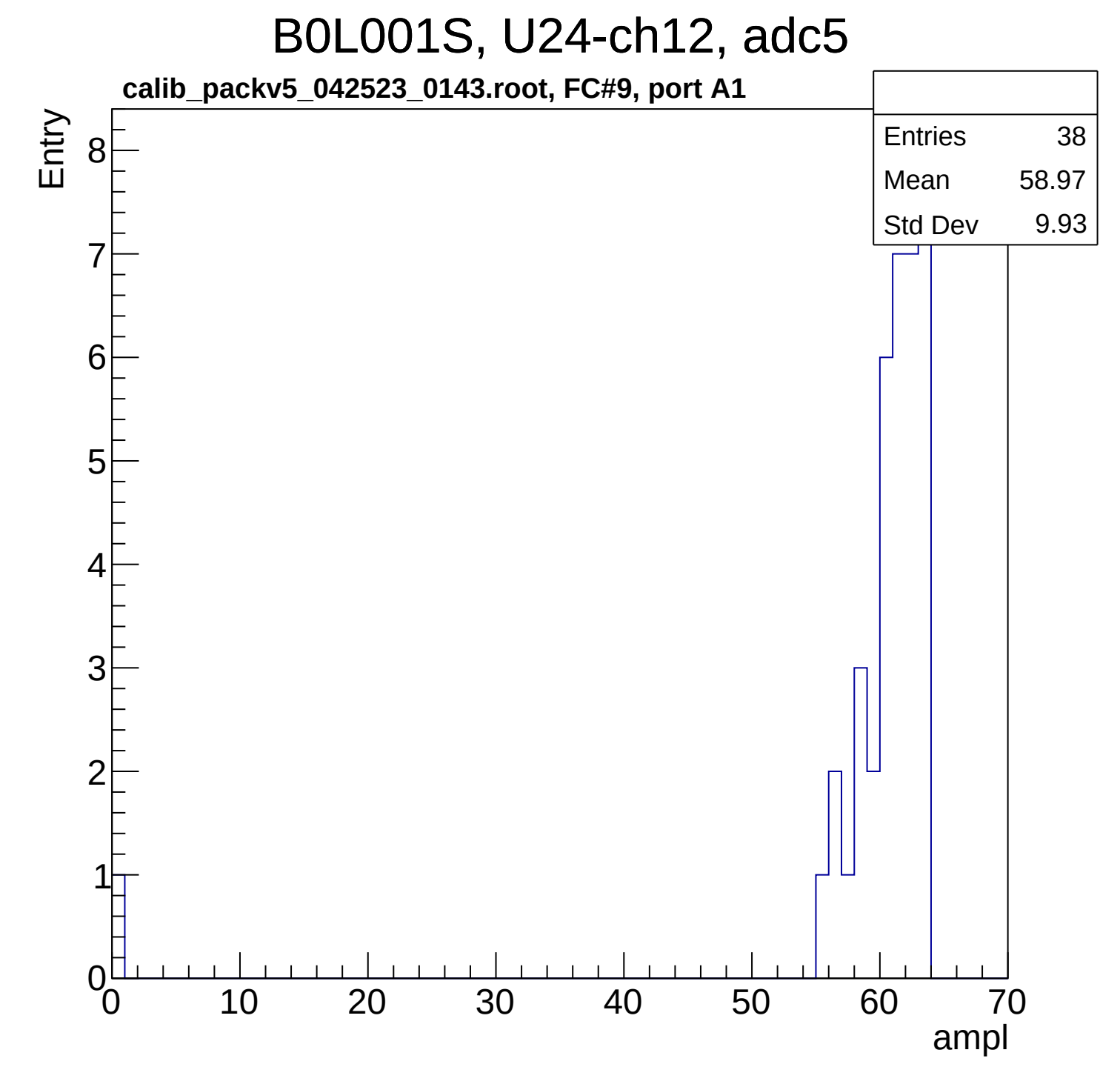
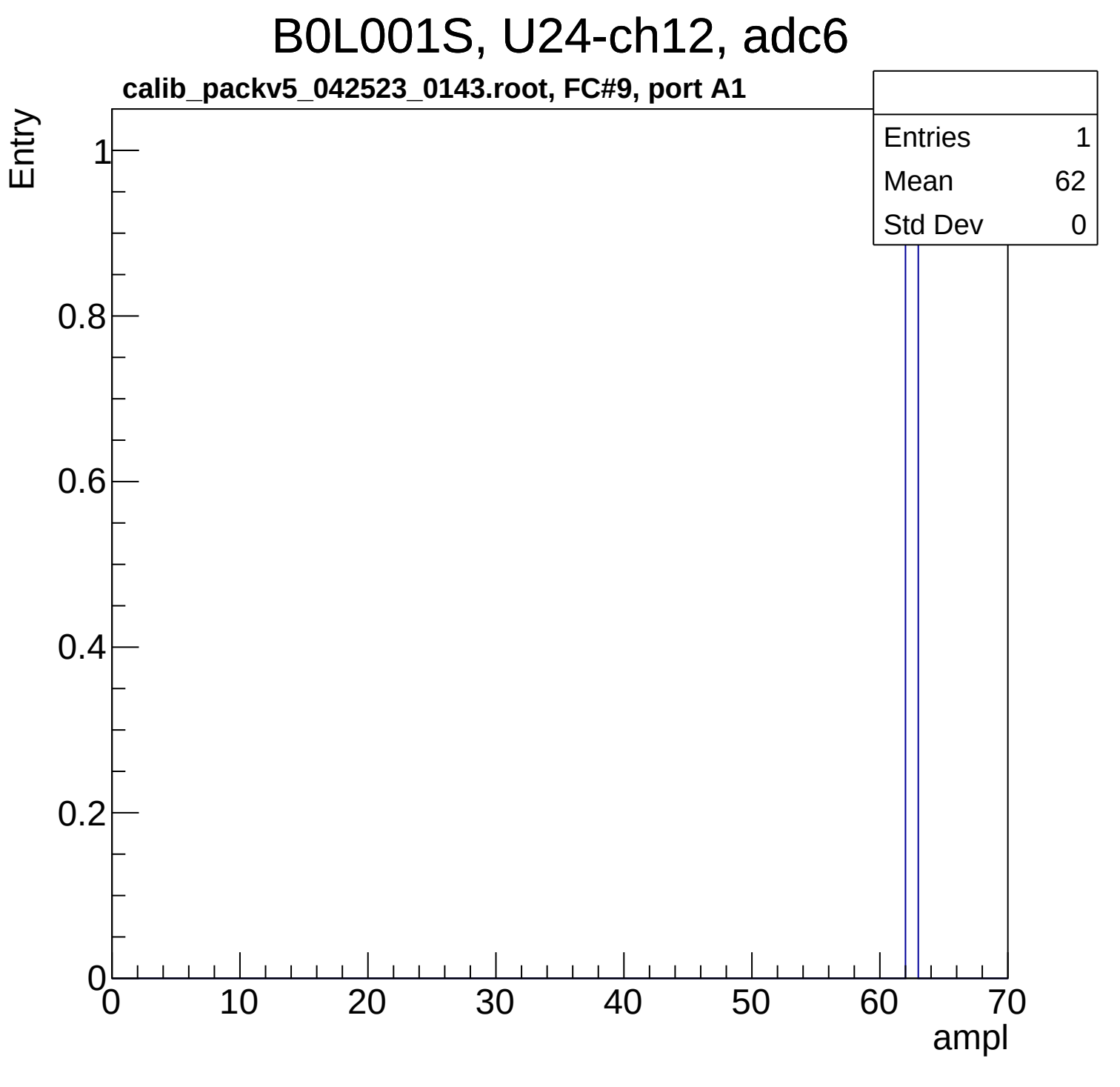
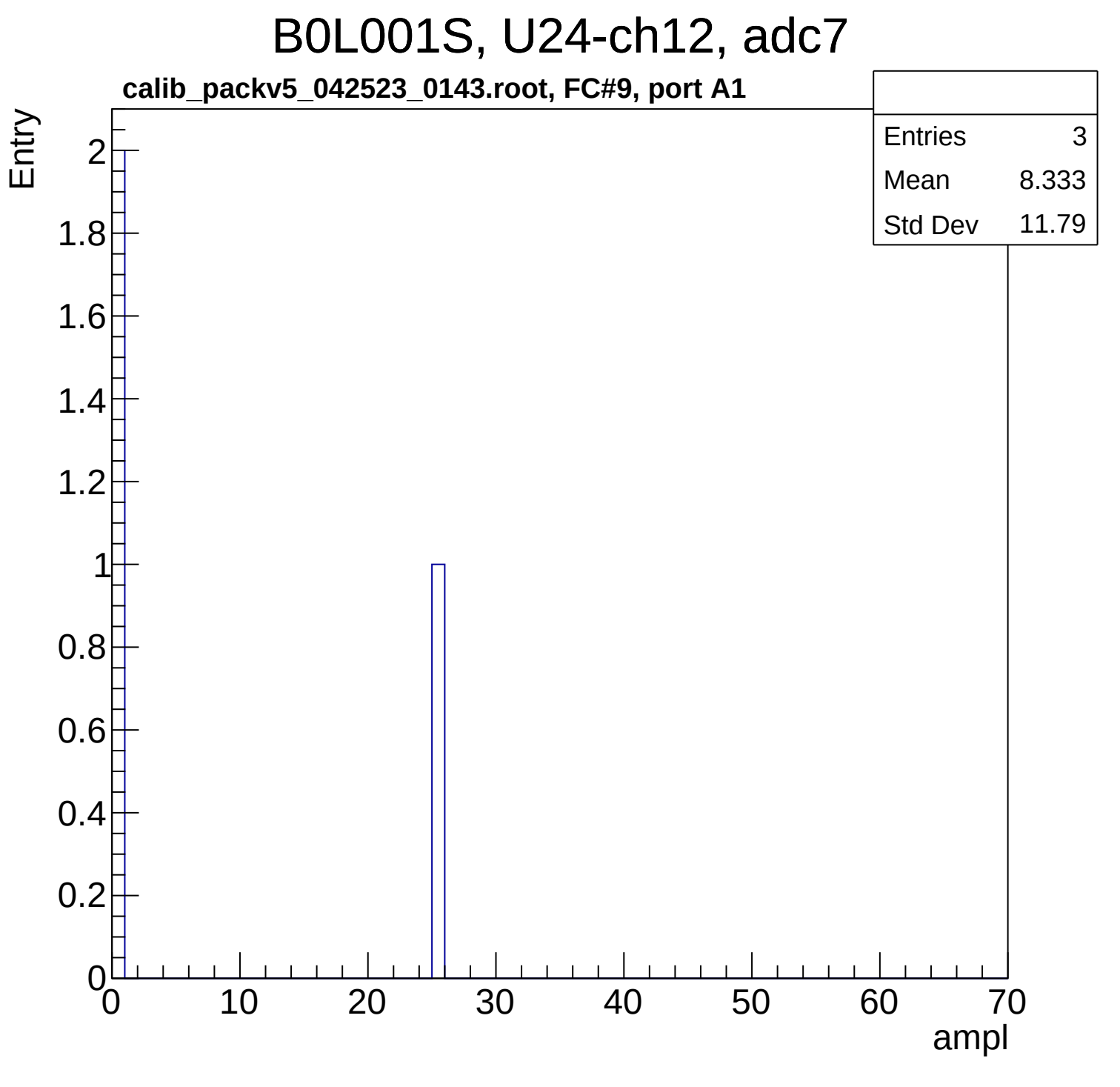
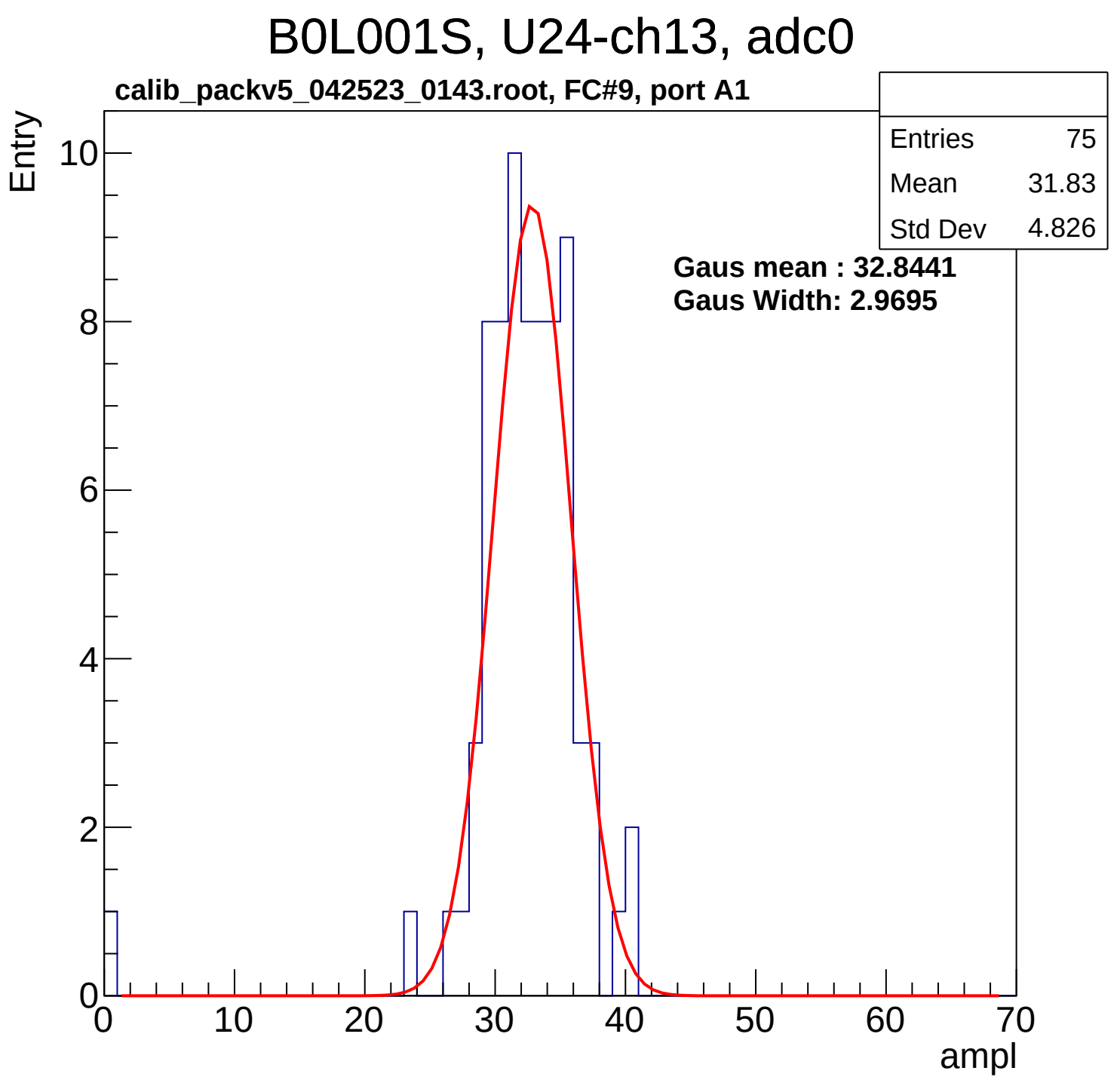
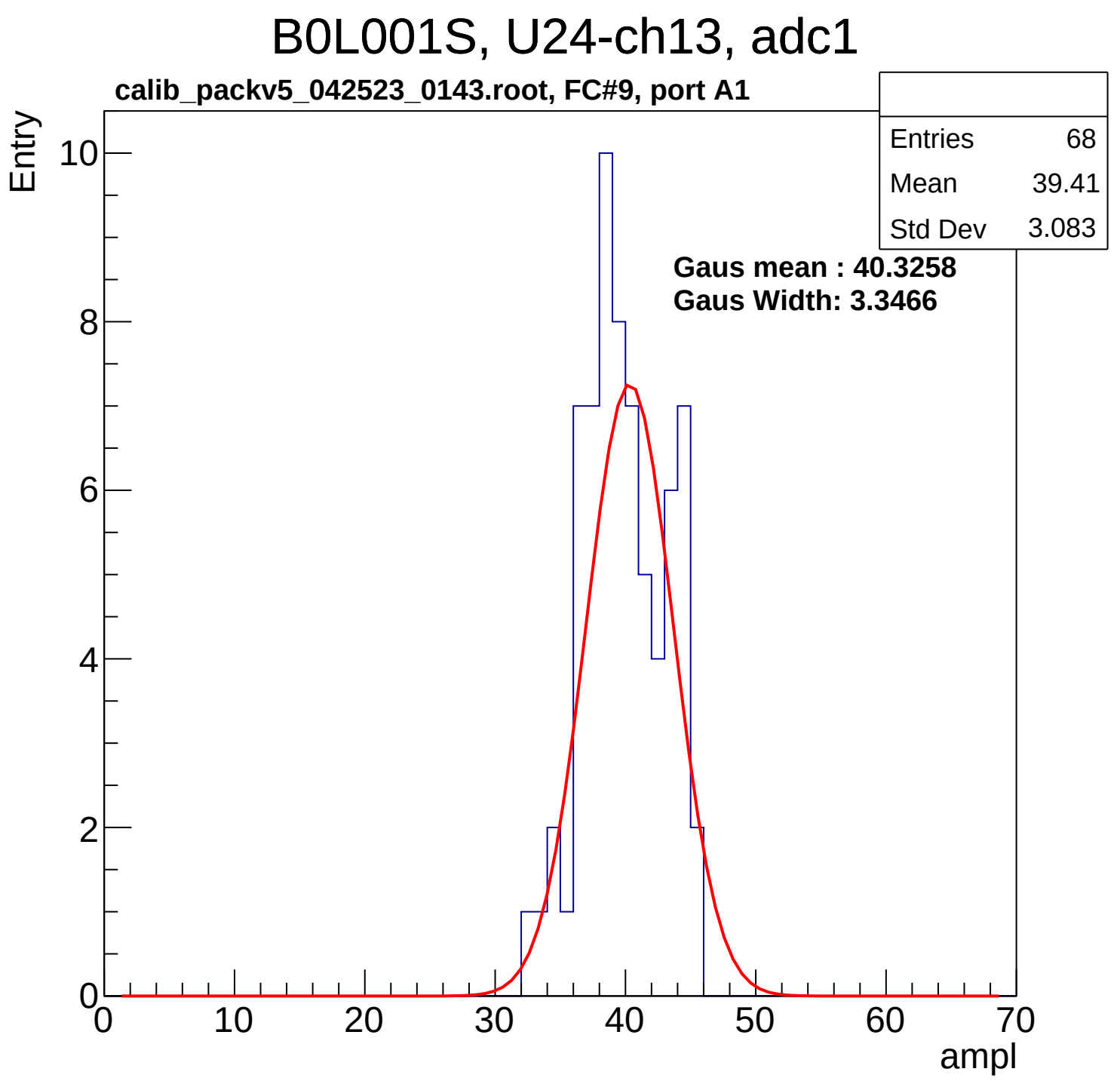
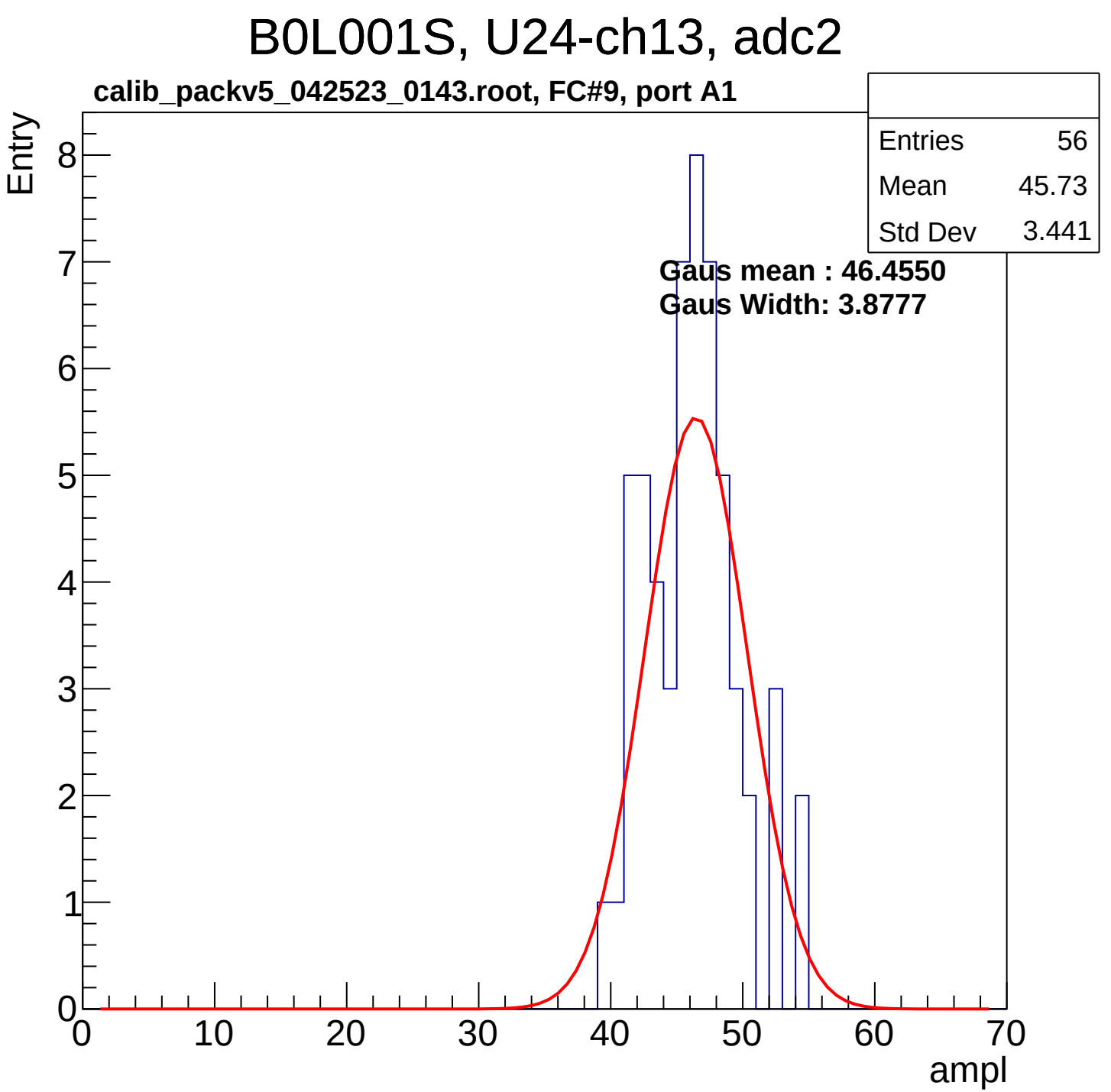

B0L001S, U24-ch12, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.97
Std Dev 9.93
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

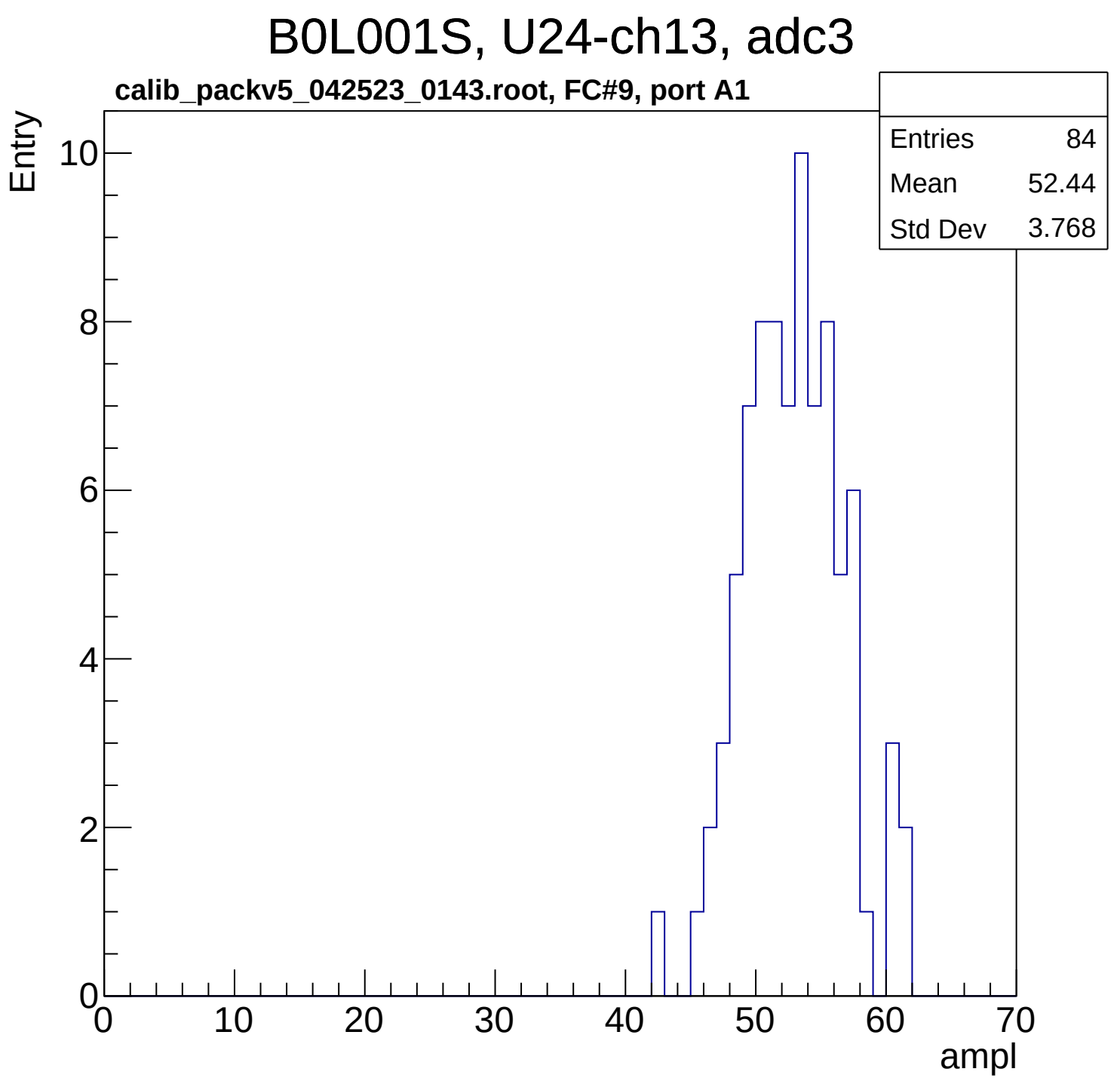

B0L001S, U24-ch12, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

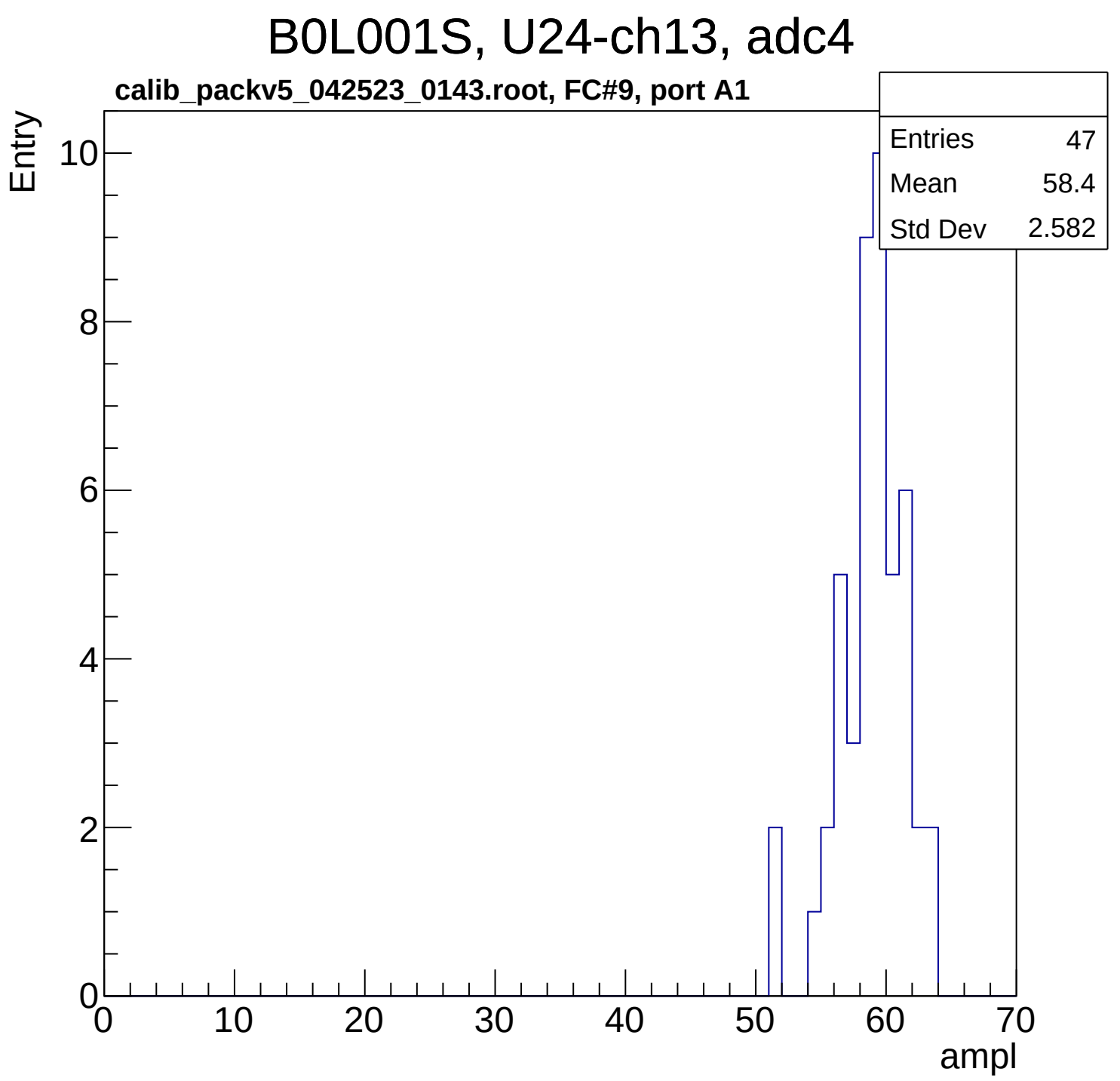

B0L001S, U24-ch12, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 8.333
Std Dev 11.79
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

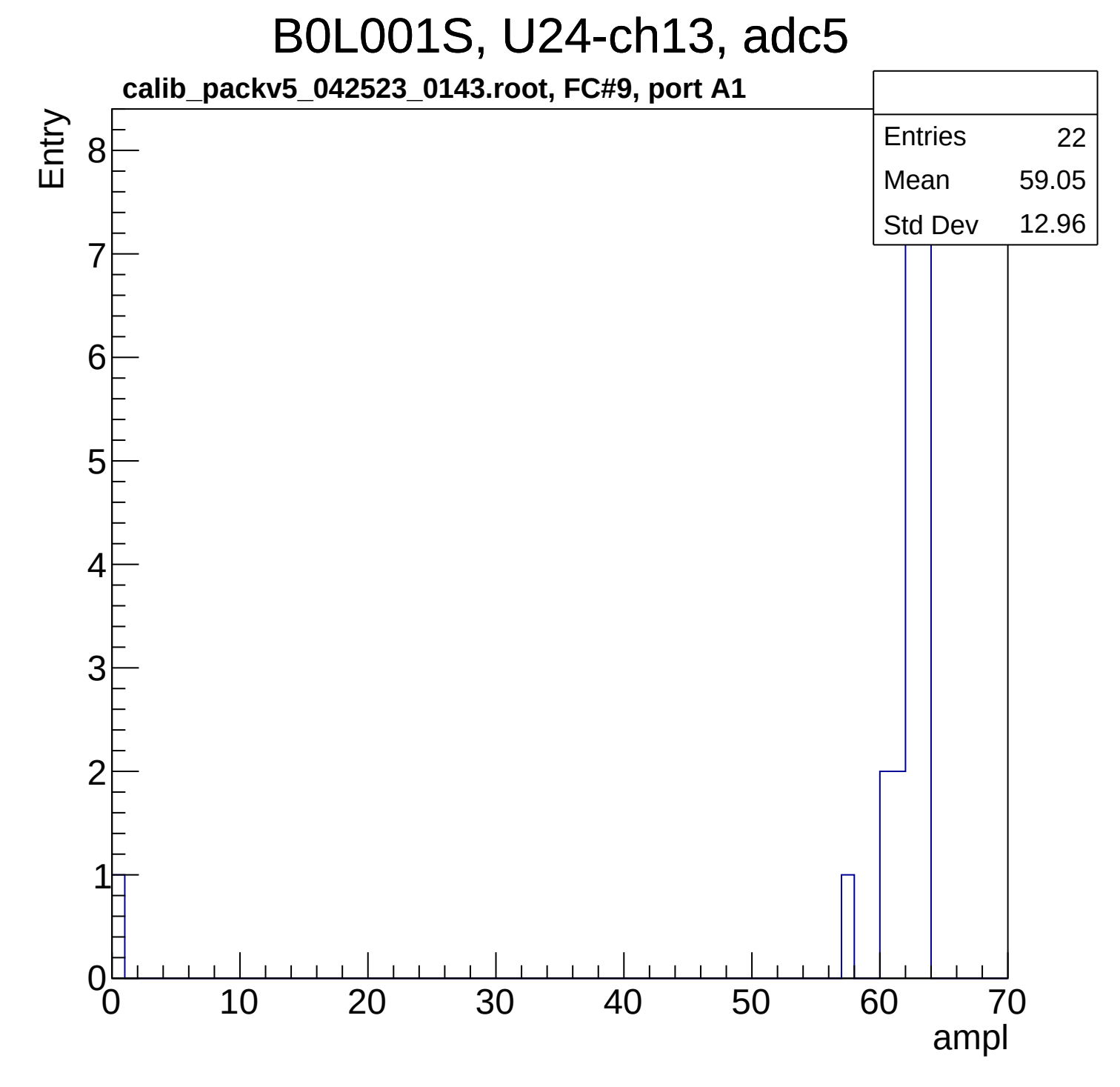

B0L001S, U24-ch13, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 31.83
Std Dev 4.826
Gaus mean : 32.8441
Gaus Width: 2.9695
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

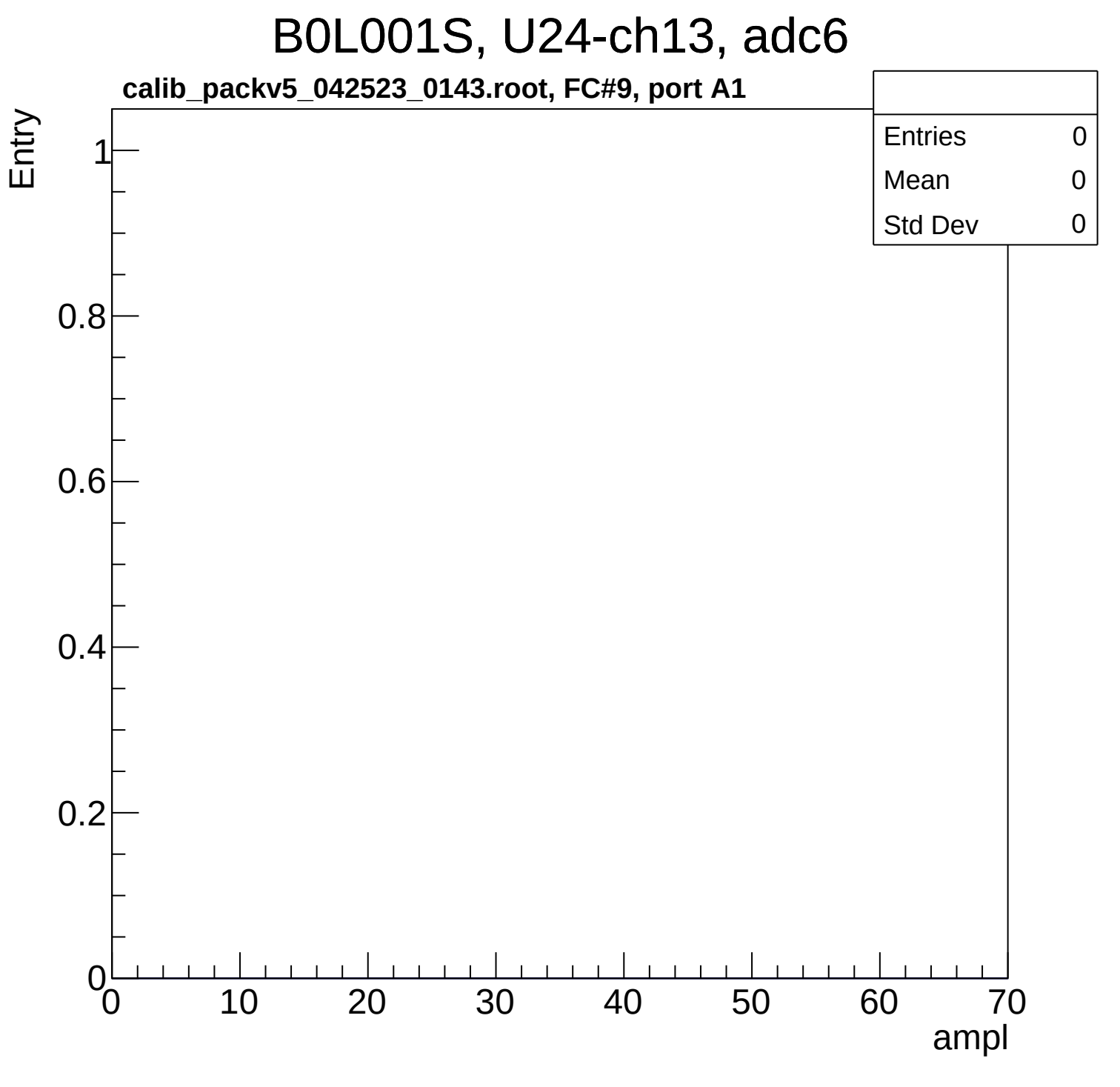

B0L001S, U24-ch13, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 39.41
Std Dev 3.083
Gaus mean : 40.3258
Gaus Width: 3.3466
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

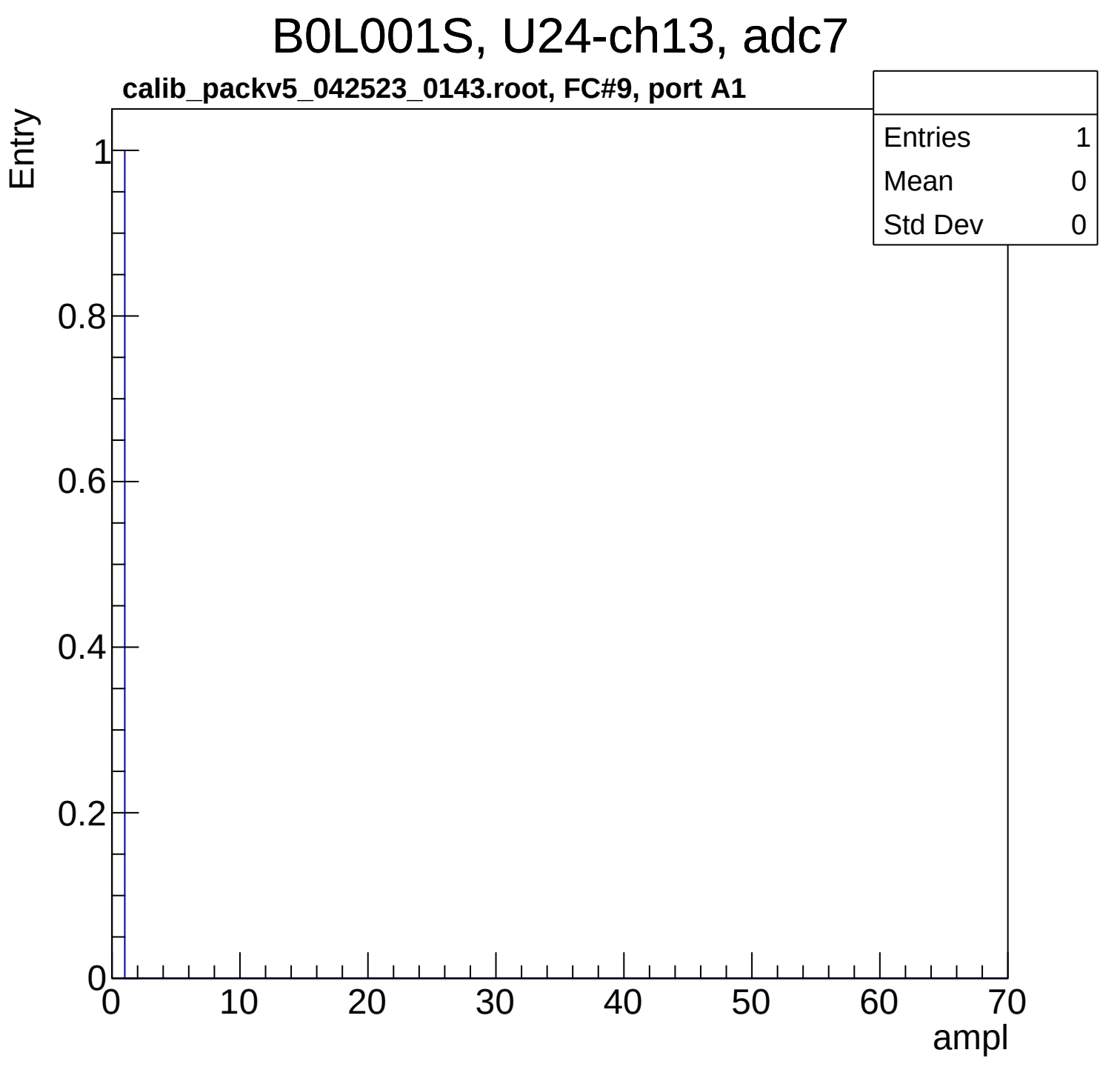

B0L001S, U24-ch13, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 45.73
Std Dev 3.441
Gaus mean : 46.4550
Gaus Width: 3.8777
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

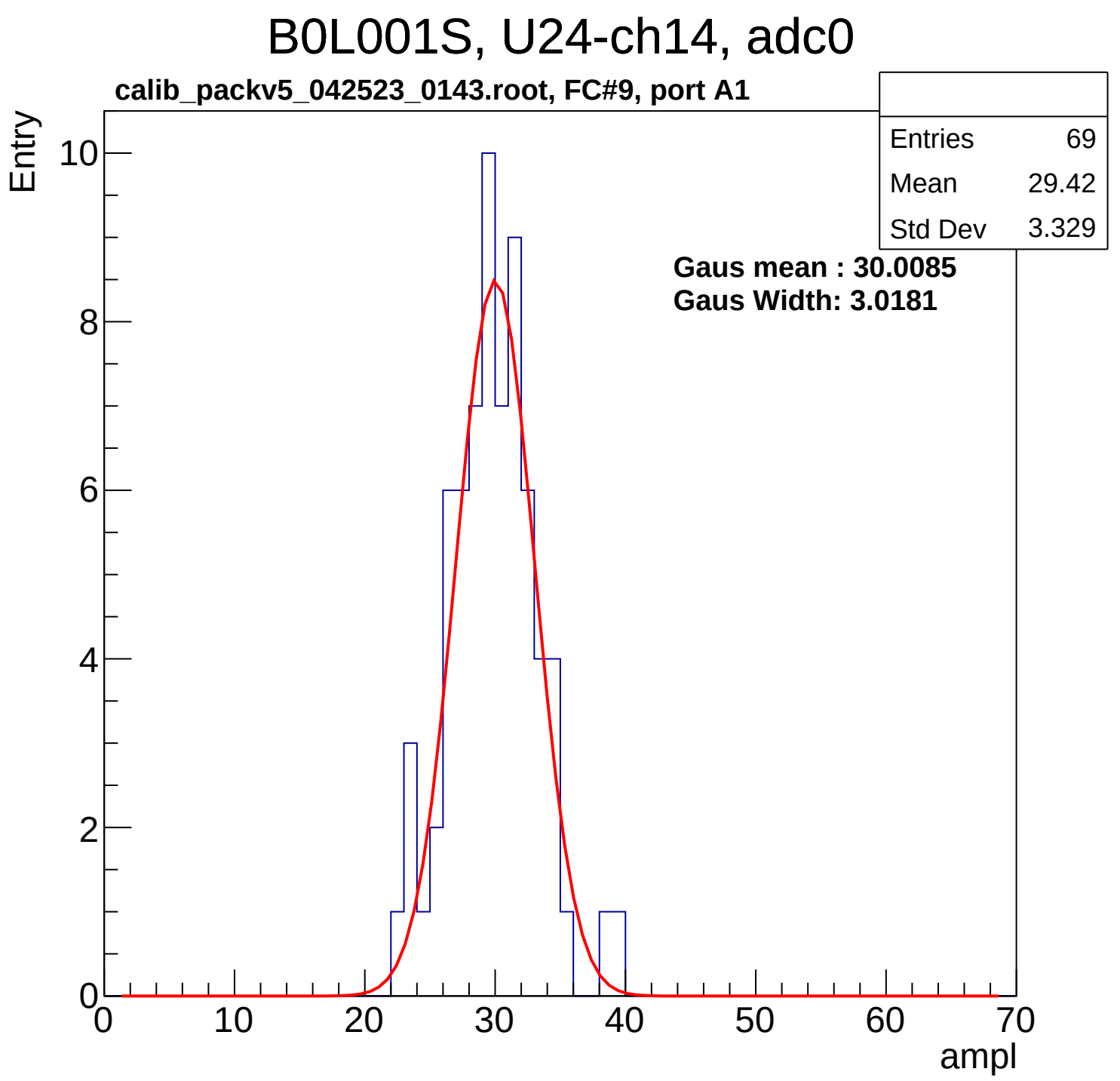

B0L001S, U24-ch13, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 52.44
Std Dev 3.768
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch13, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 58.4
Std Dev 2.582
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch13, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 22
Mean 59.05
Std Dev 12.96
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch13, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch13, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch14, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 29.42
Std Dev 3.329
Gaus mean : 30.0085
Gaus Width: 3.0181
Entry
ampl
0
2
4
6
8
10
0
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40
50
60
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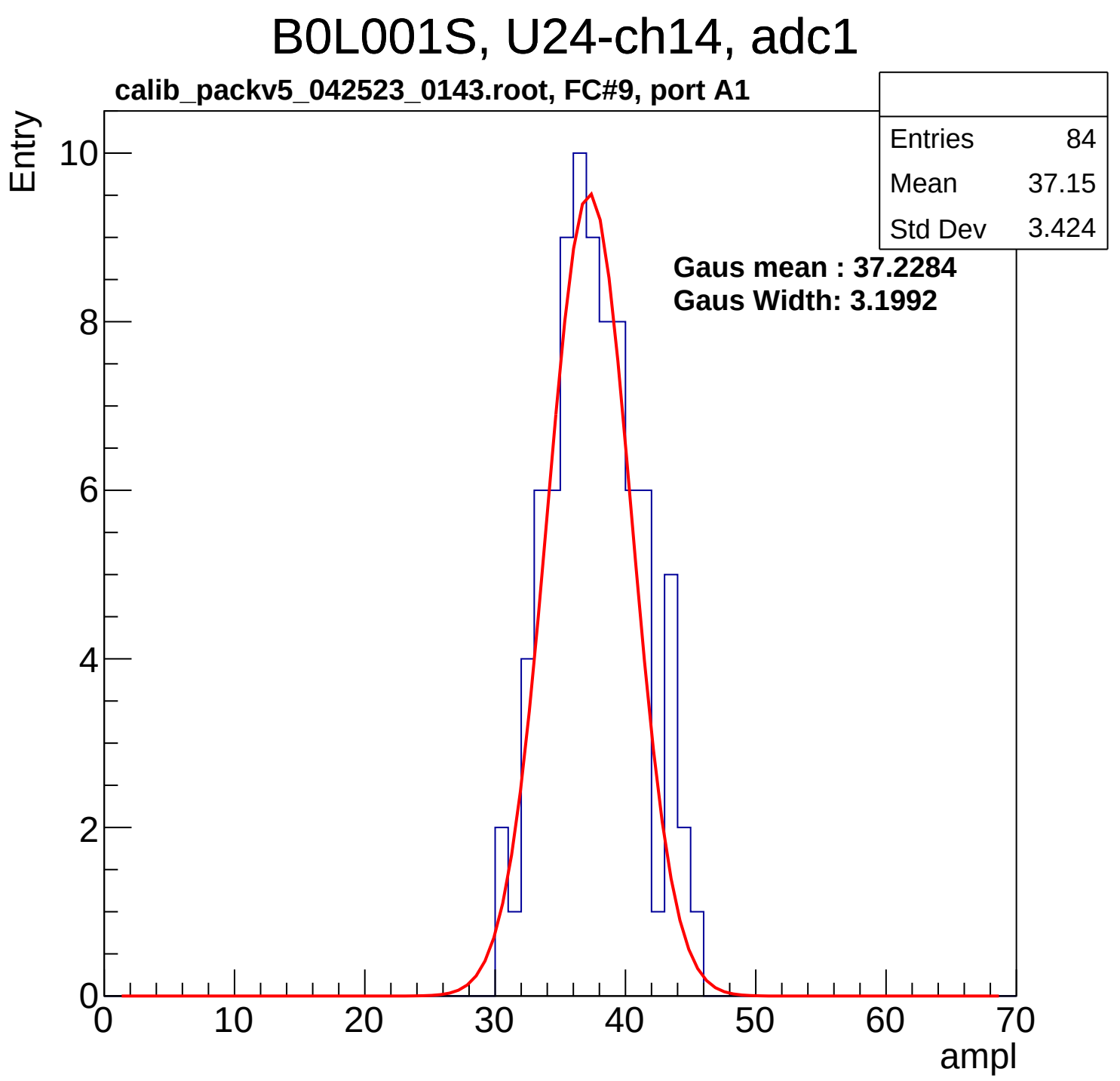
B0L001S, U24-ch14, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 37.15
Std Dev 3.424
Gaus mean : 37.2284
Gaus Width: 3.1992
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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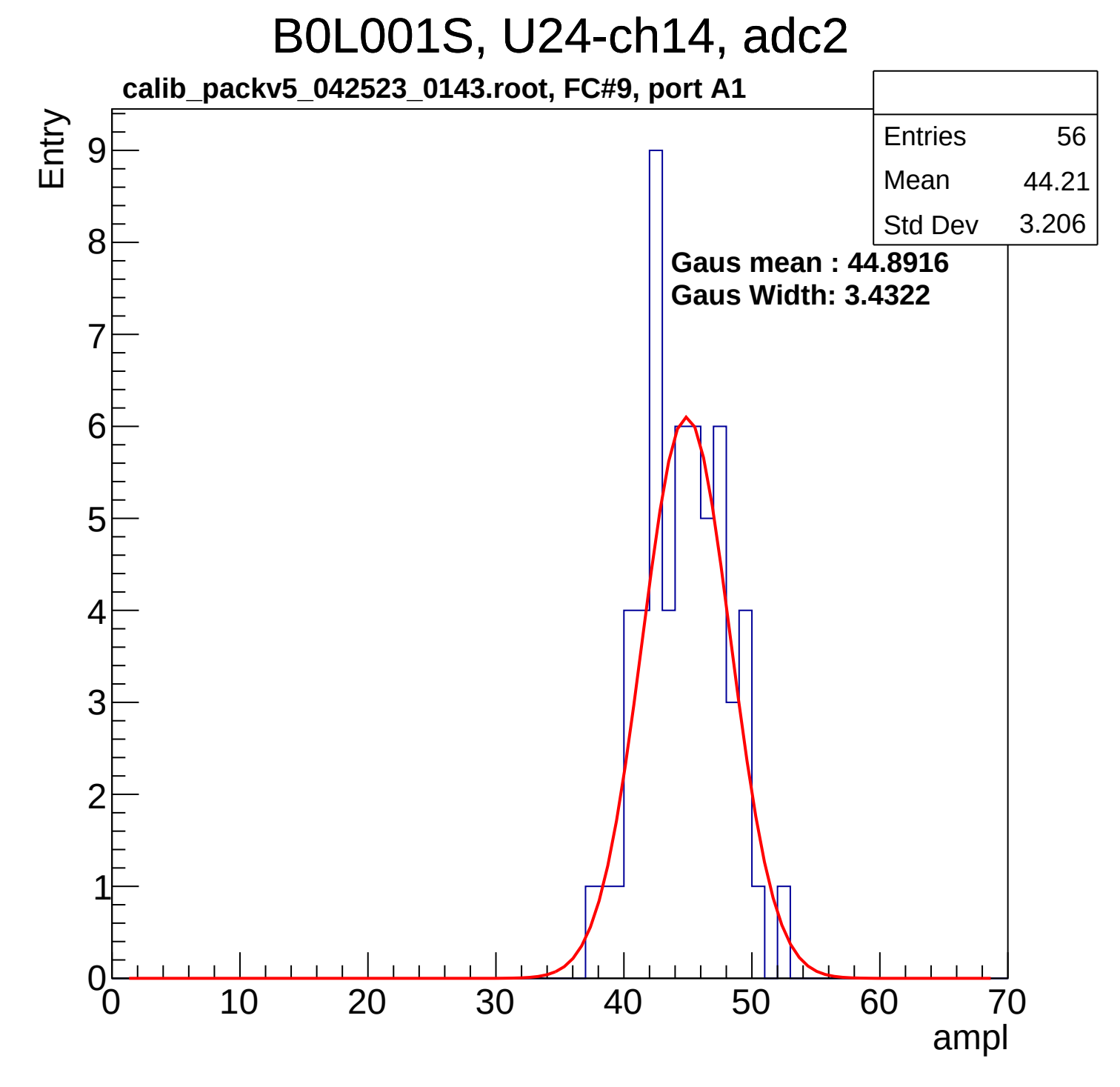
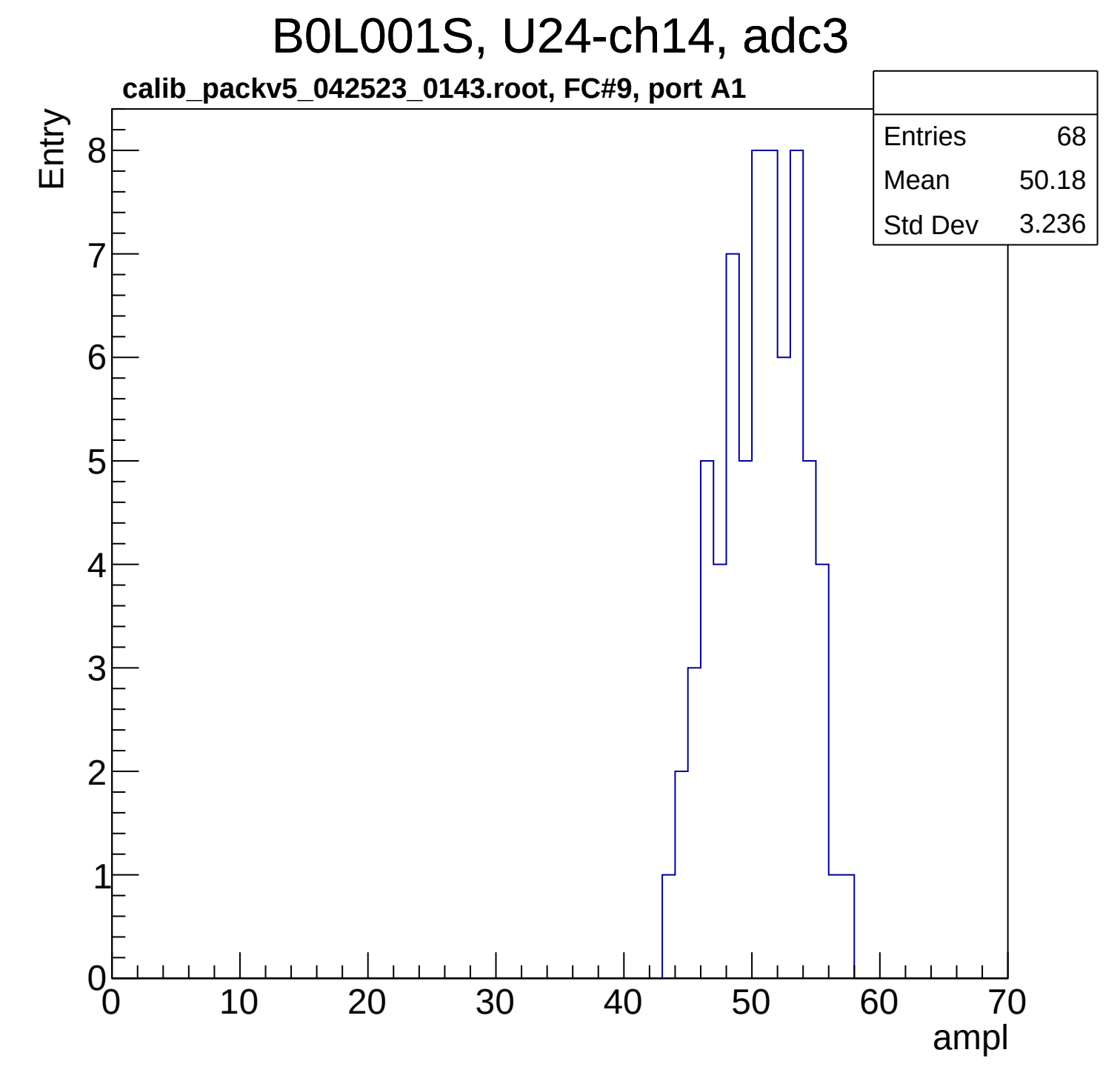

B0L001S, U24-ch14, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 44.21
Std Dev 3.206
Gaus mean : 44.8916
Gaus Width: 3.4322
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch14, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 50.18
Std Dev 3.236
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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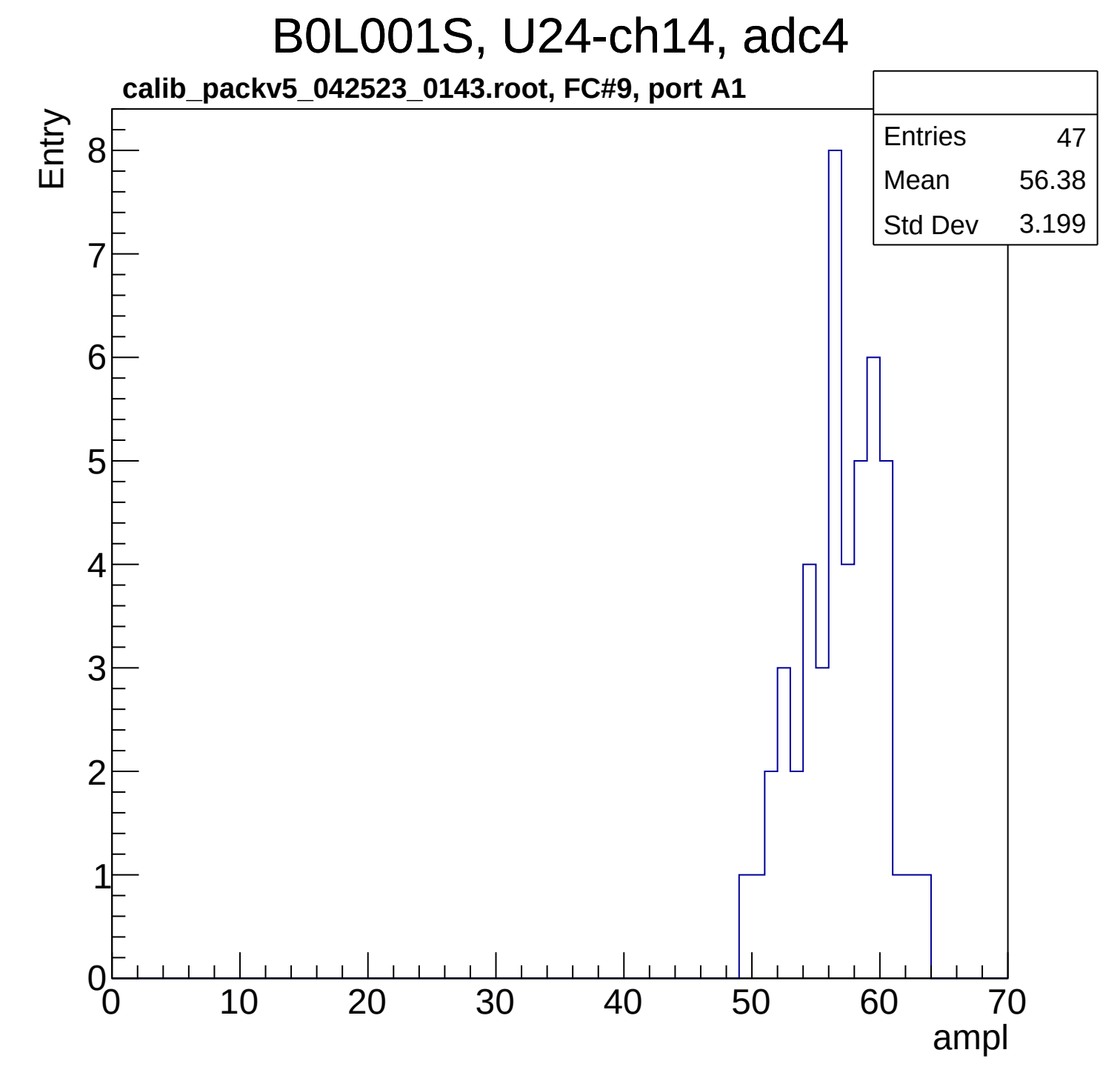
60
70


B0L001S, U24-ch14, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 56.38
Std Dev 3.199
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
50
60
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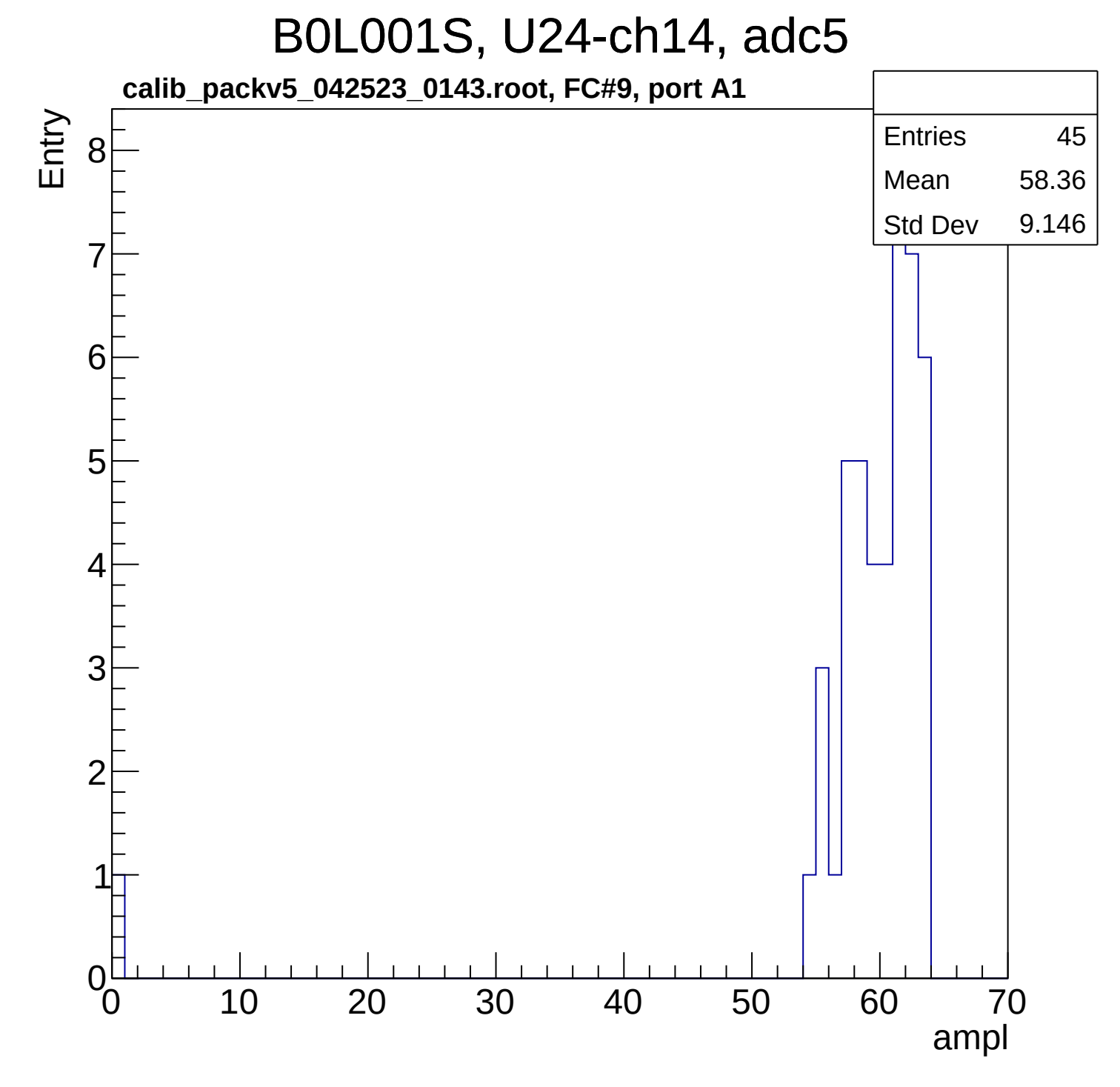
B0L001S, U24-ch14, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 58.36
Std Dev 9.146
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
50
60
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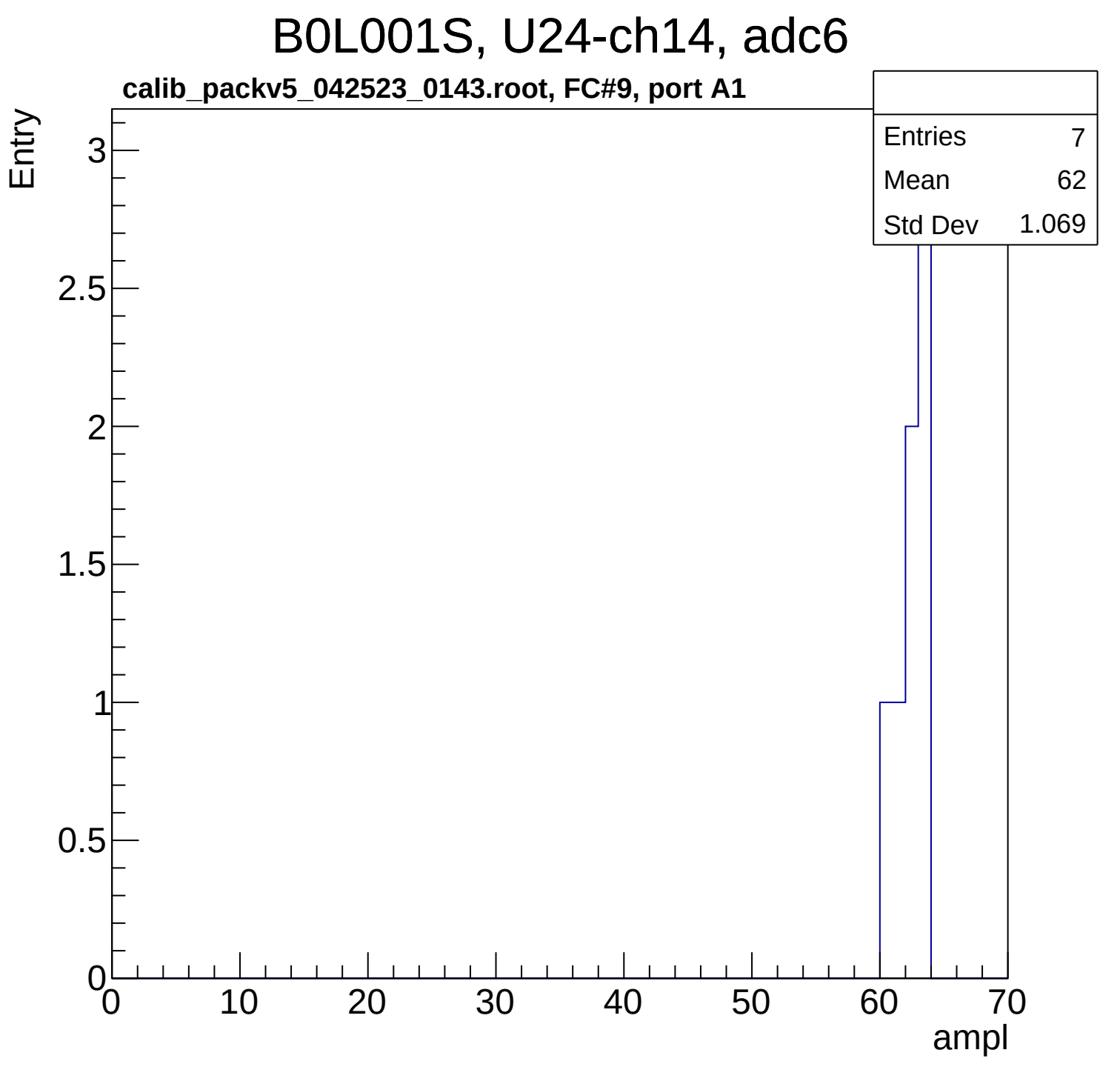
B0L001S, U24-ch14, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 62
Std Dev 1.069
Entry
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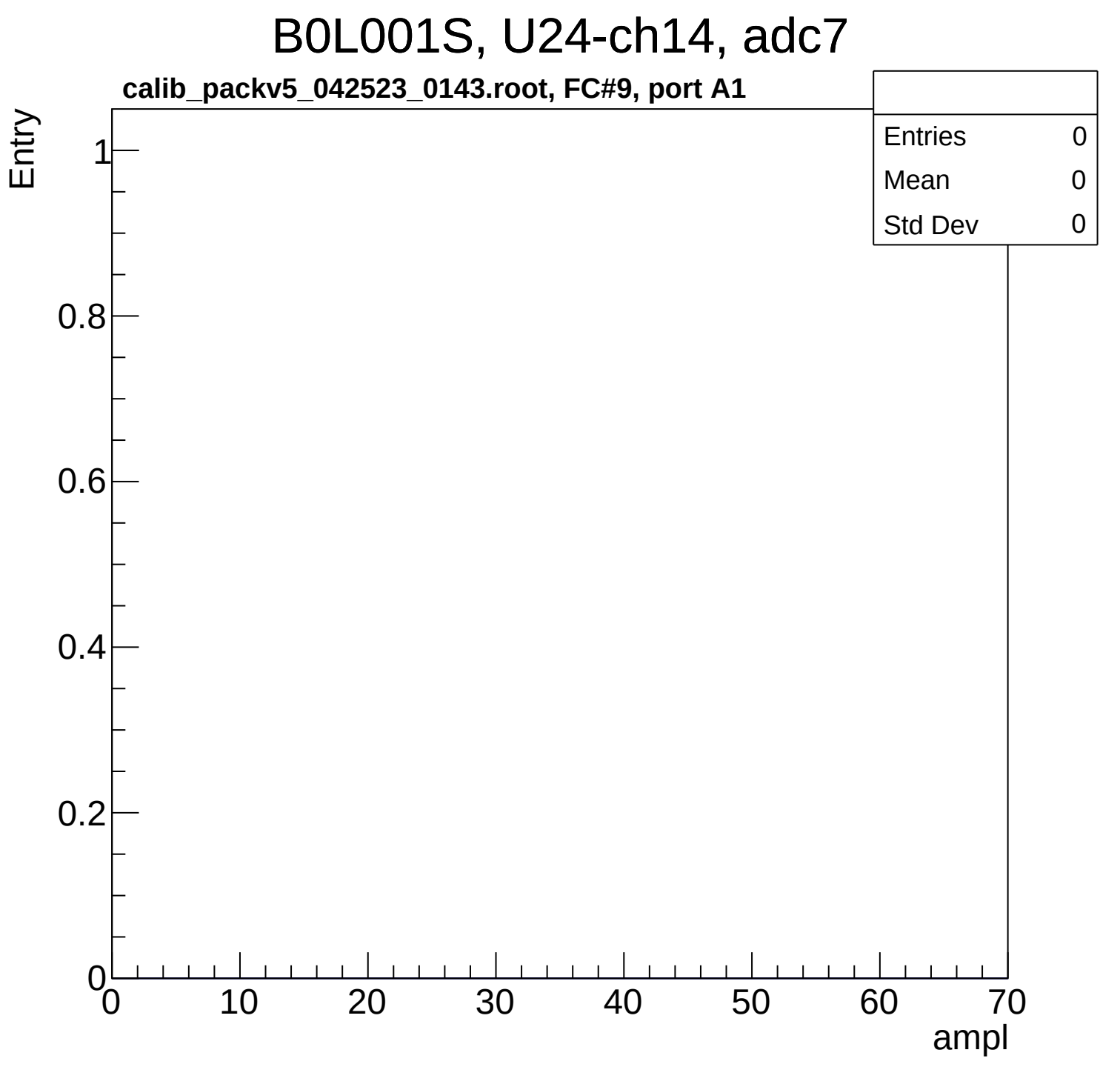
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch14, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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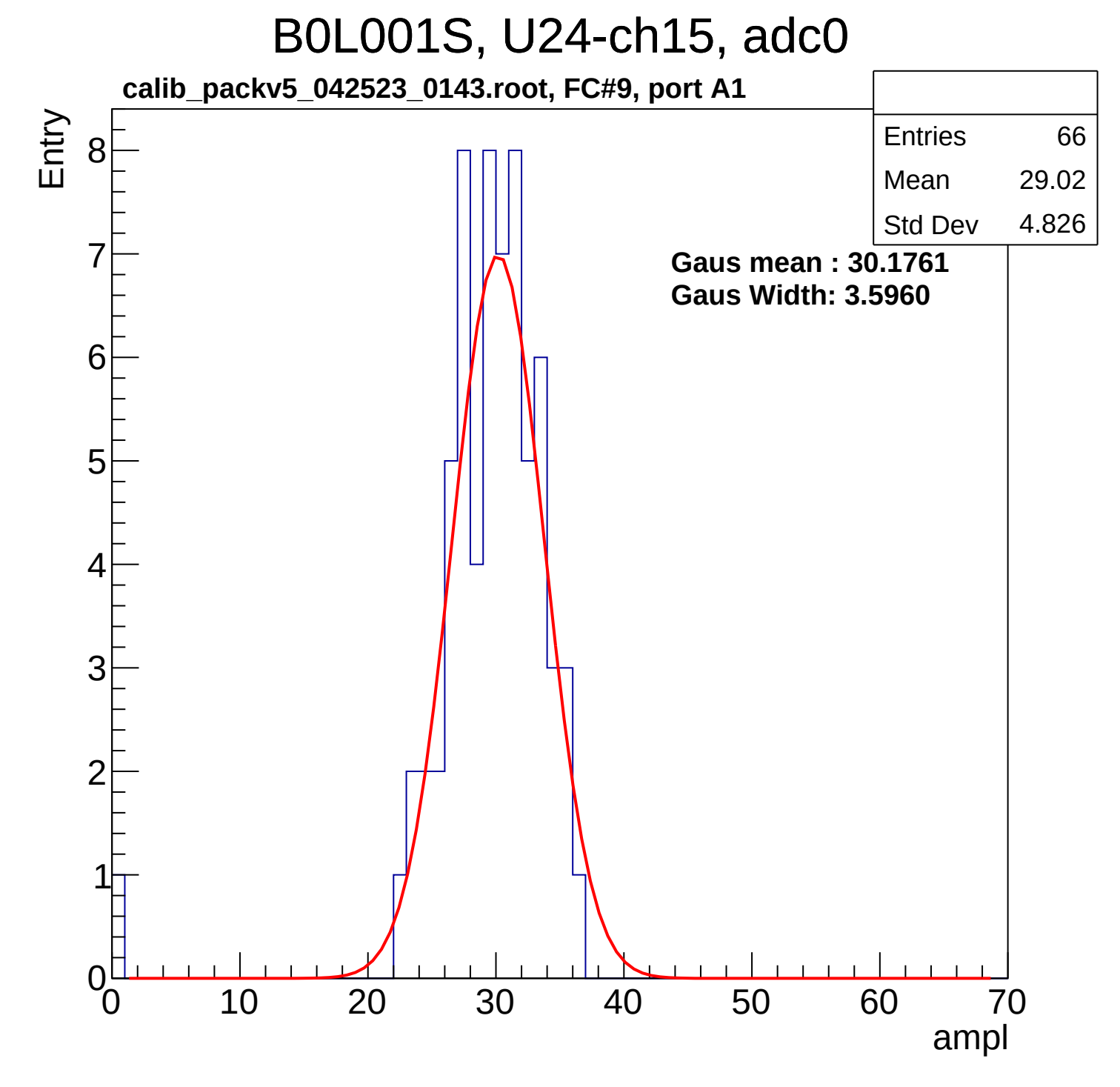
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch15, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 29.02
Std Dev 4.826
Gaus mean : 30.1761
Gaus Width: 3.5960
Entry
ampl
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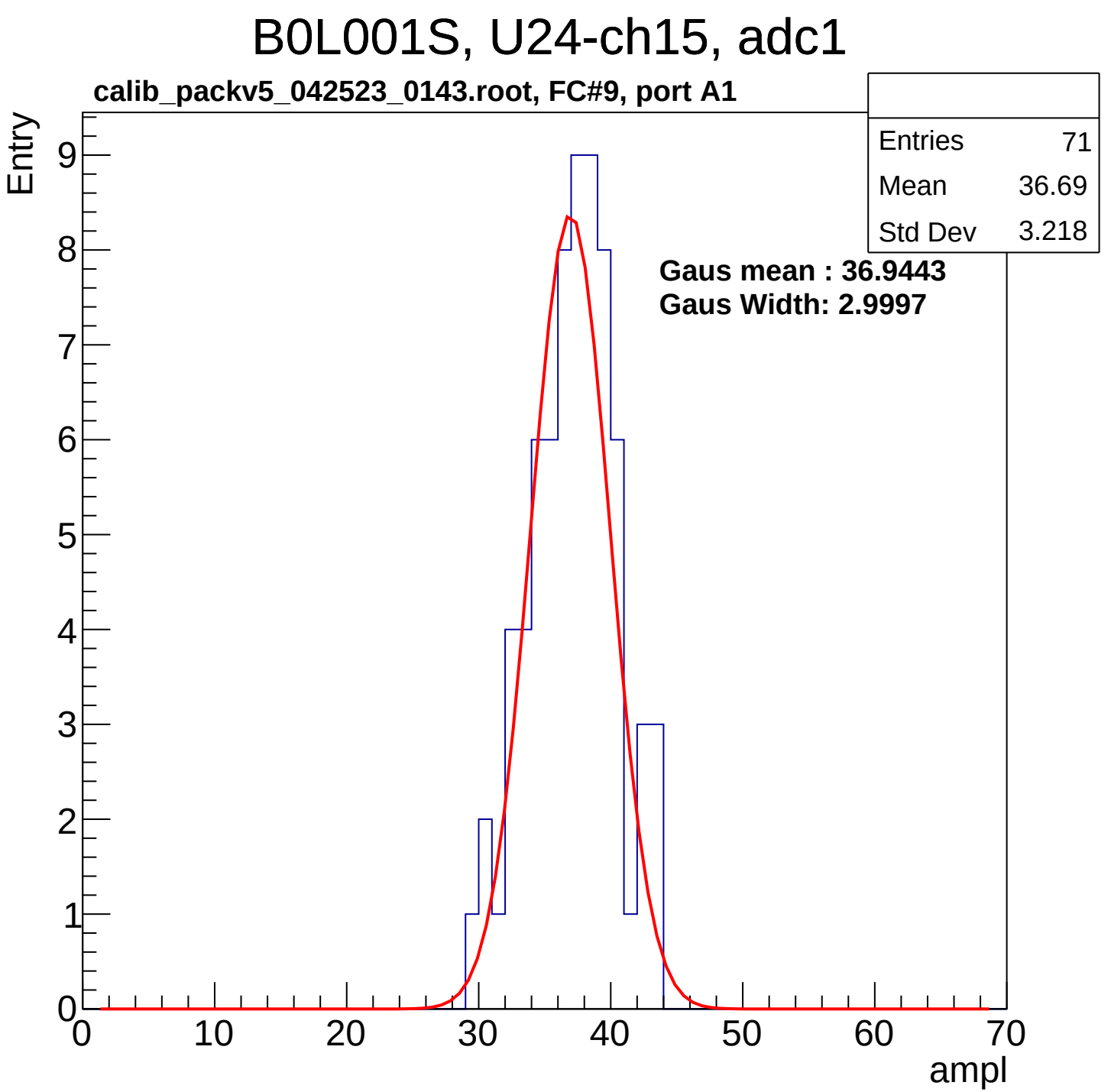
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch15, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 36.69
Std Dev 3.218
Gaus mean : 36.9443
Gaus Width: 2.9997
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
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40
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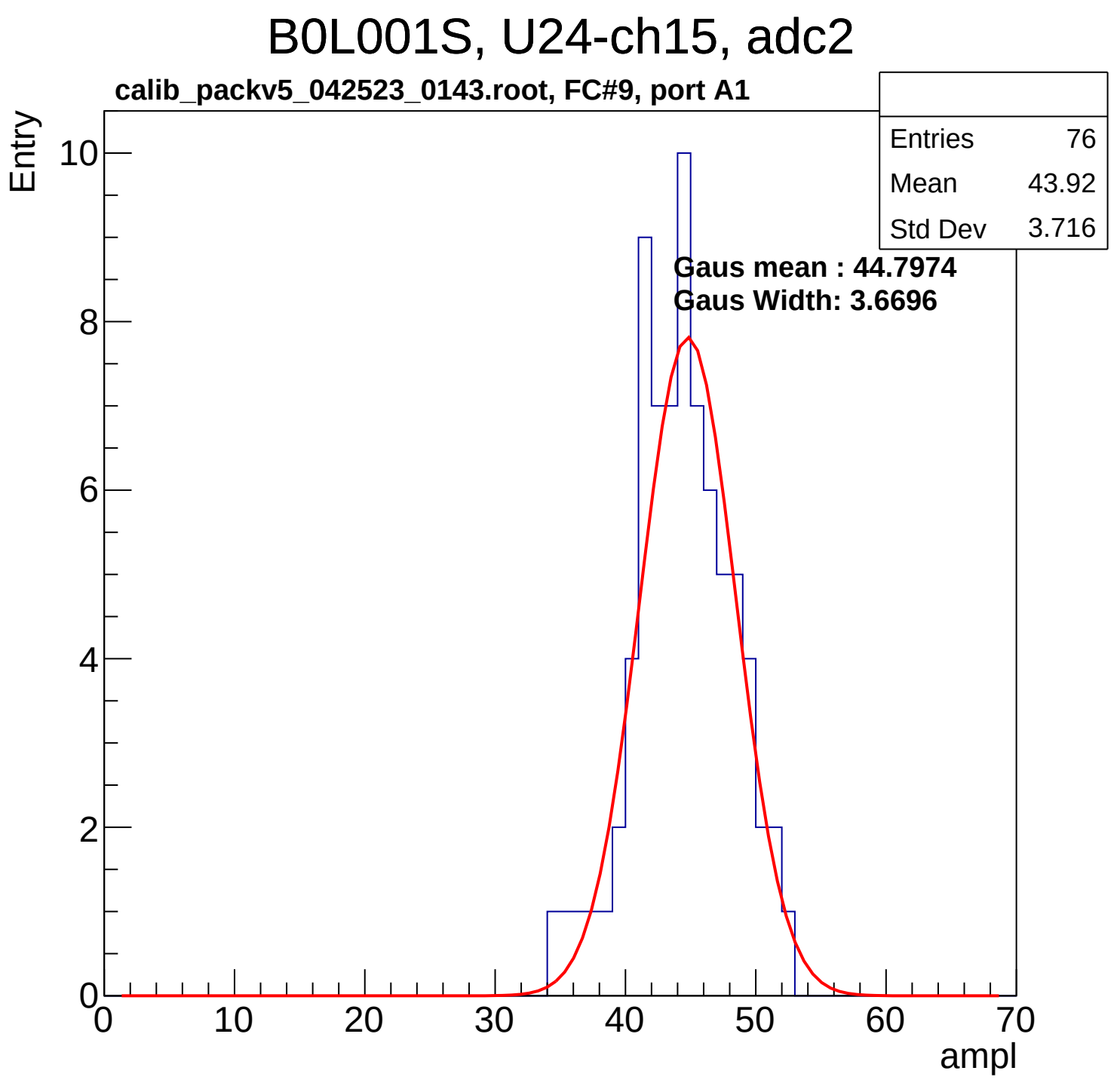
B0L001S, U24-ch15, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 43.92
Std Dev 3.716
Gaus mean : 44.7974
Gaus Width: 3.6696
Entry
ampl
0
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4
6
8
10
0
10
20
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40
50
60
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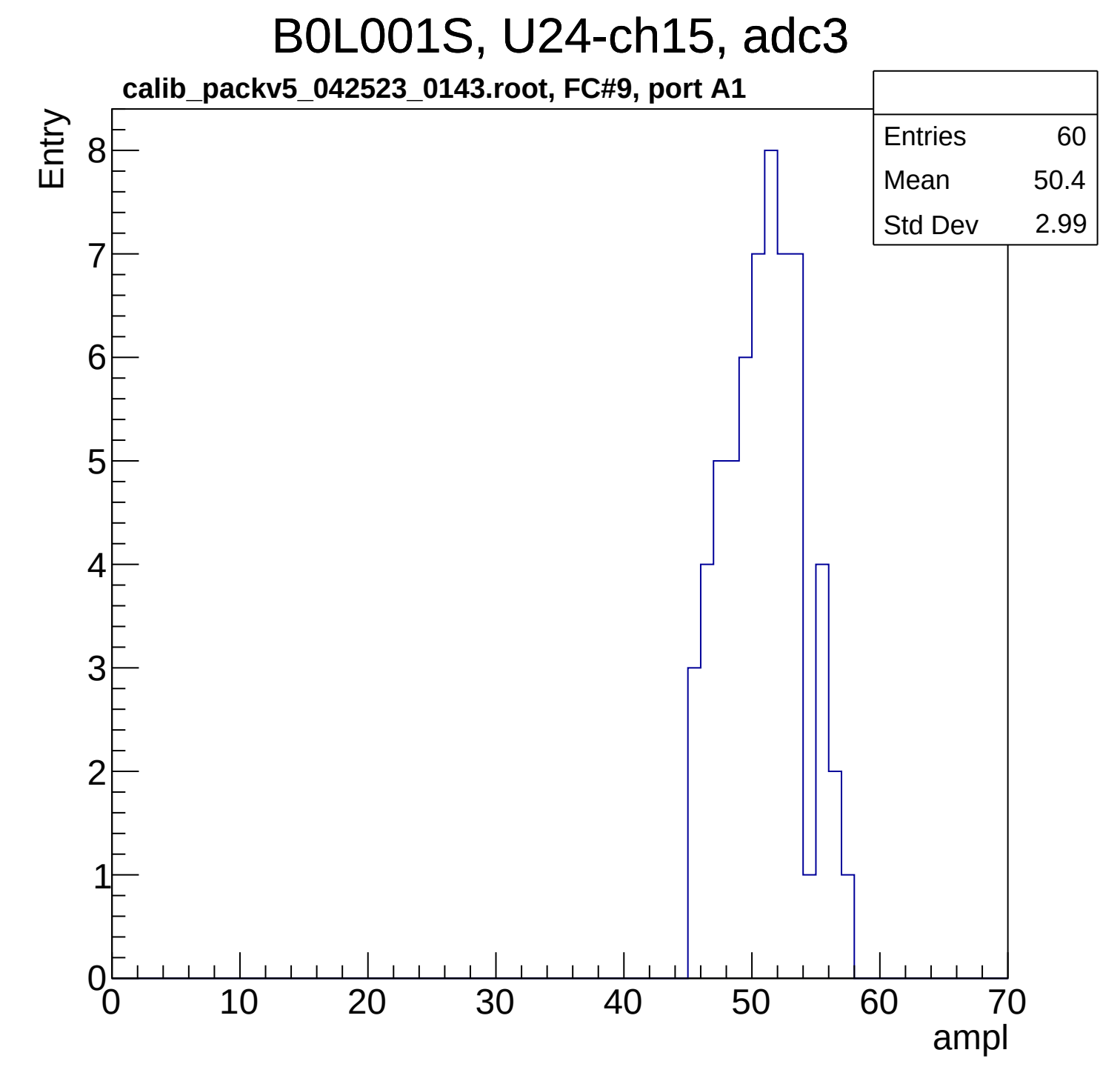
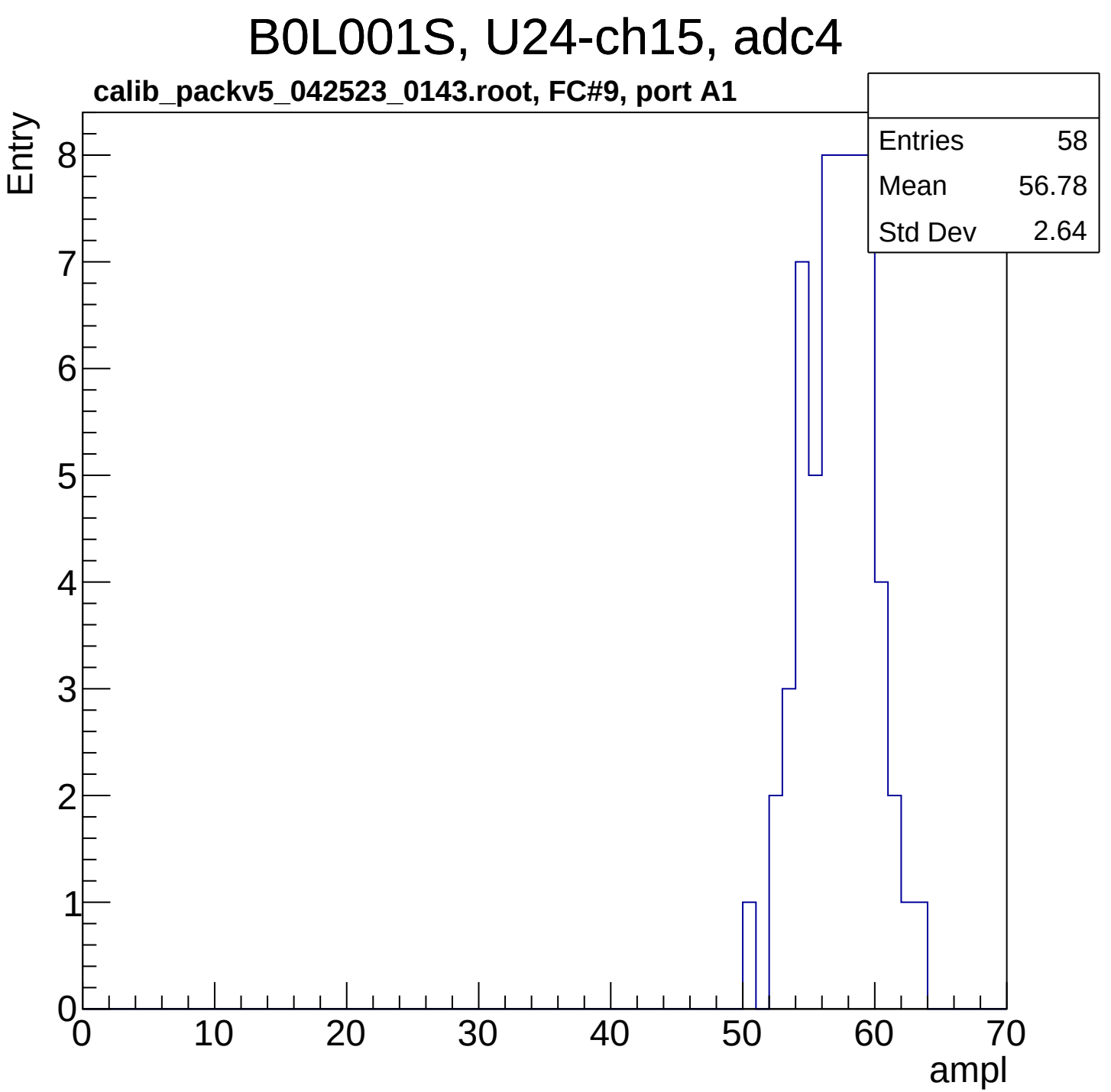

B0L001S, U24-ch15, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 50.4
Std Dev 2.99
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch15, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 56.78
Std Dev 2.64
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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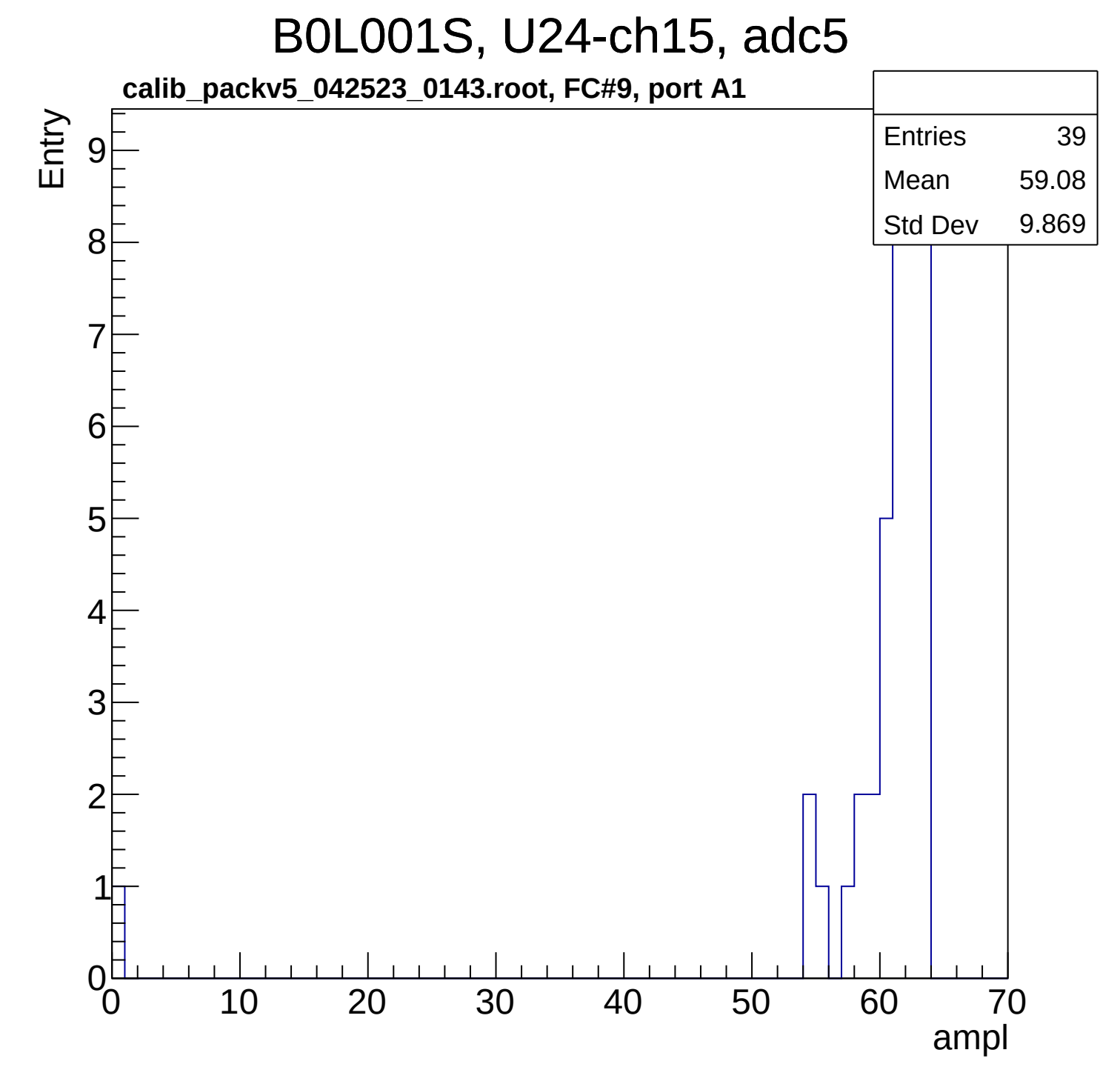
40
50
60
70


B0L001S, U24-ch15, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 59.08
Std Dev 9.869
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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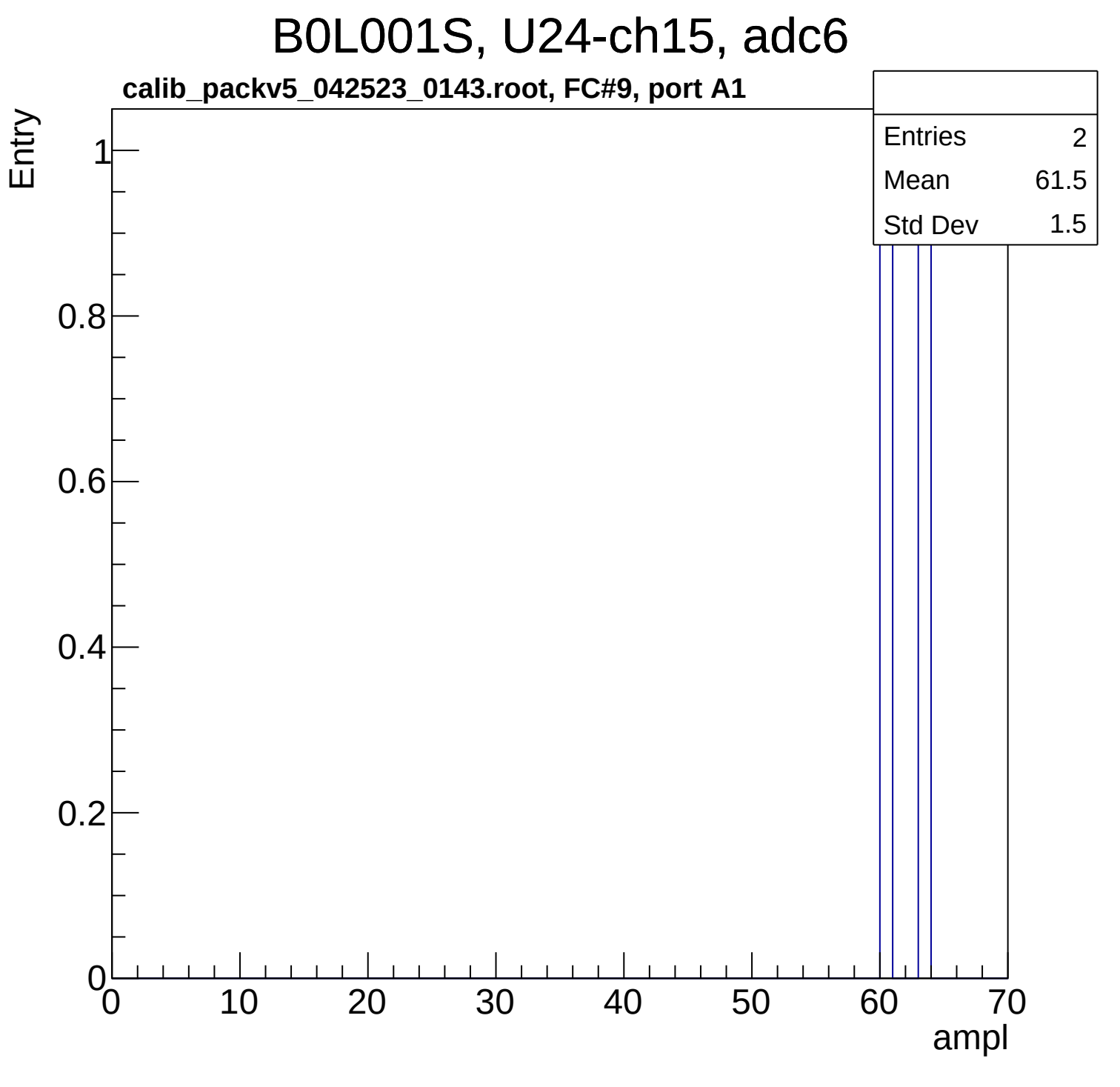
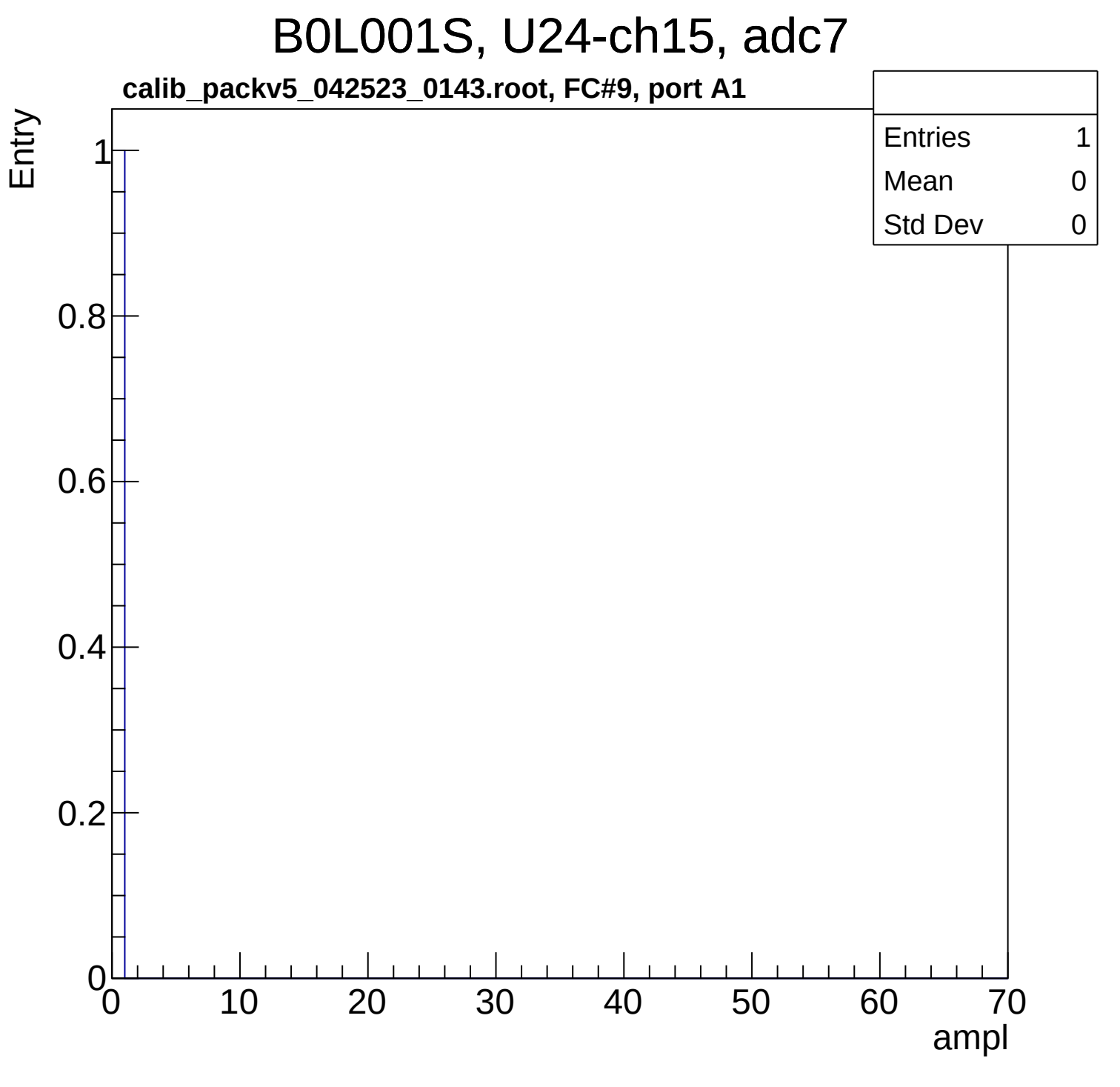
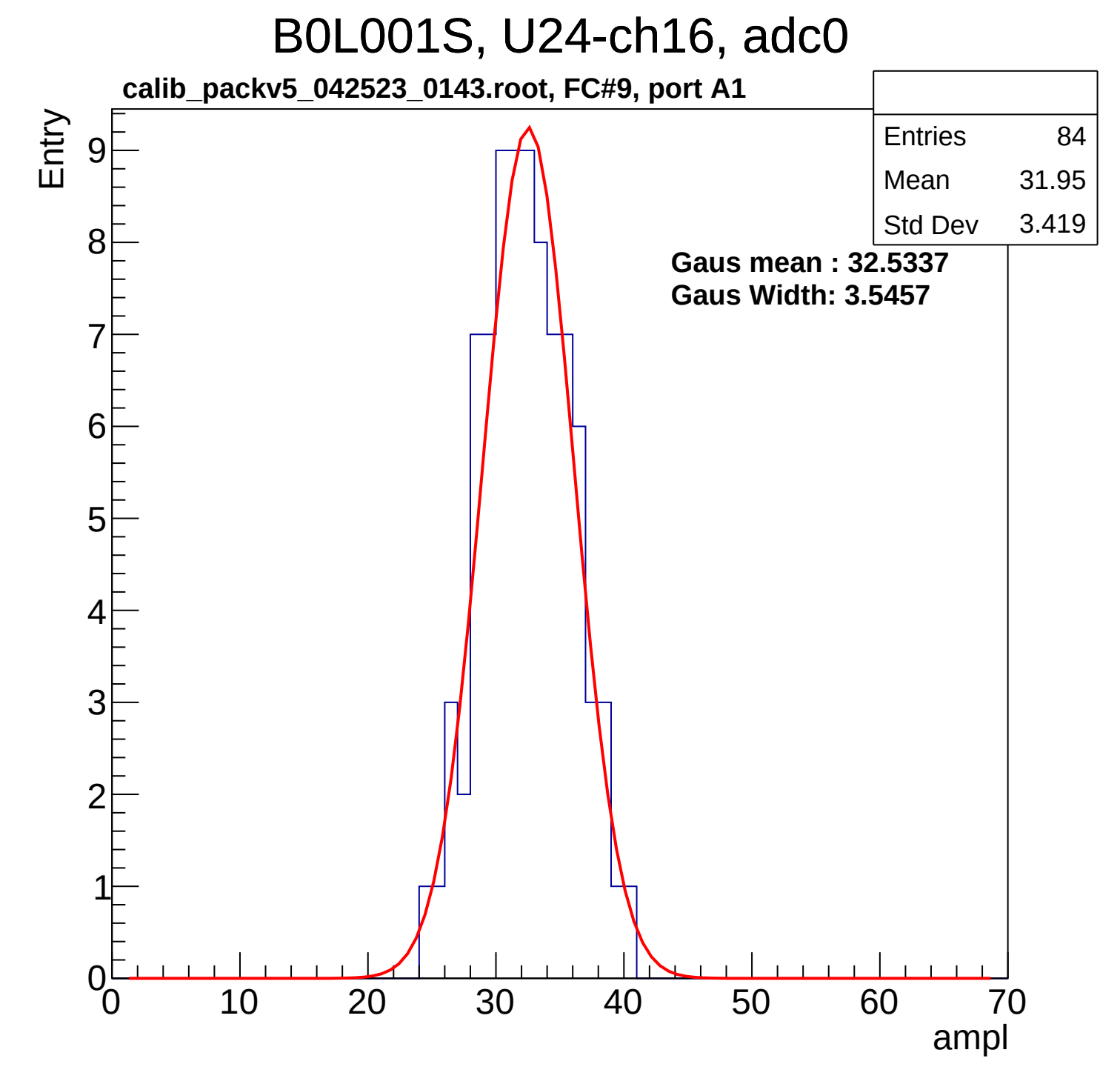

B0L001S, U24-ch15, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 61.5
Std Dev 1.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch15, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch16, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 31.95
Std Dev 3.419
Gaus mean : 32.5337
Gaus Width: 3.5457
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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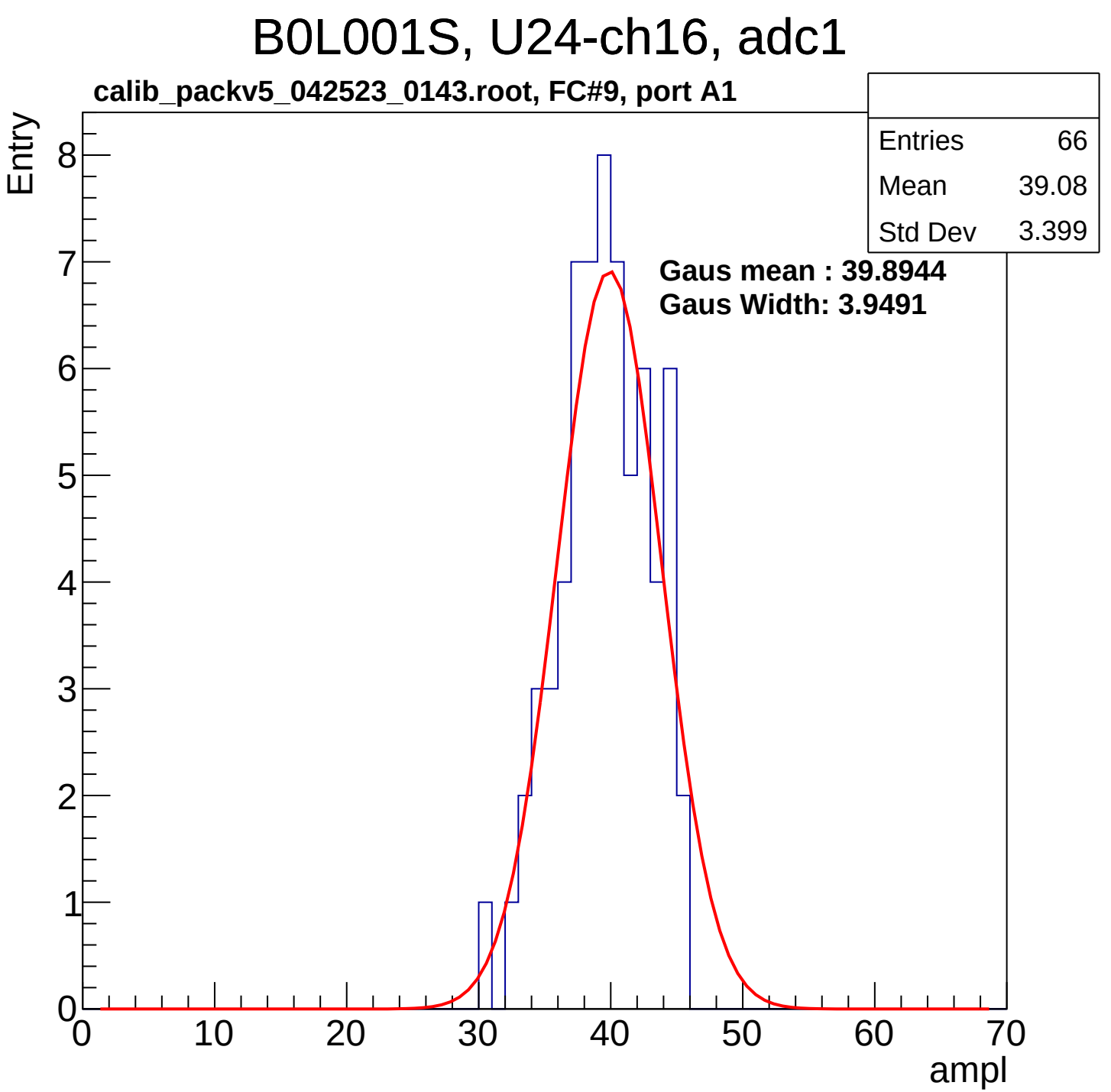
B0L001S, U24-ch16, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 39.08
Std Dev 3.399
Gaus mean : 39.8944
Gaus Width: 3.9491
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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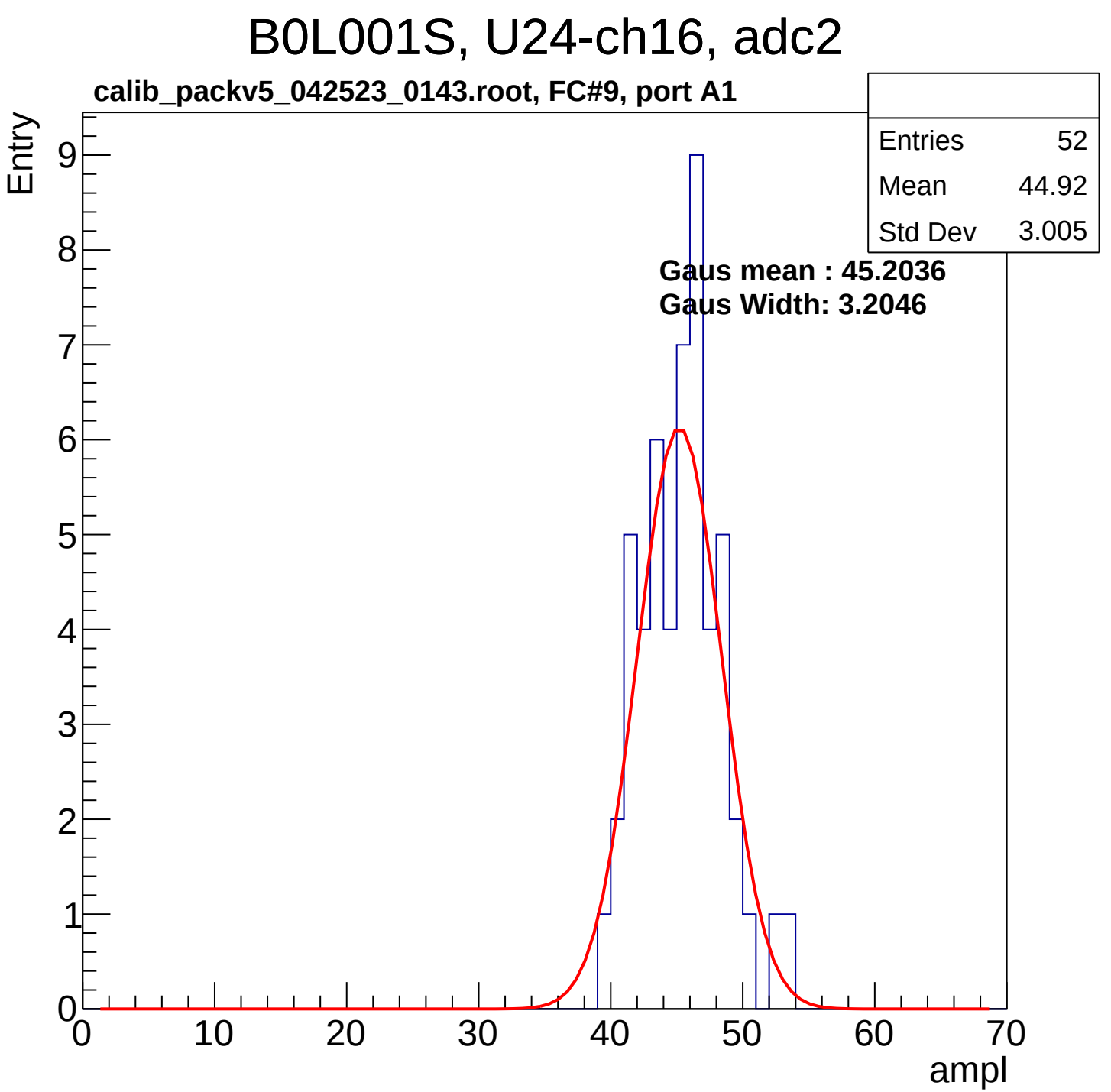
B0L001S, U24-ch16, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 44.92
Std Dev 3.005
Gaus mean : 45.2036
Gaus Width: 3.2046
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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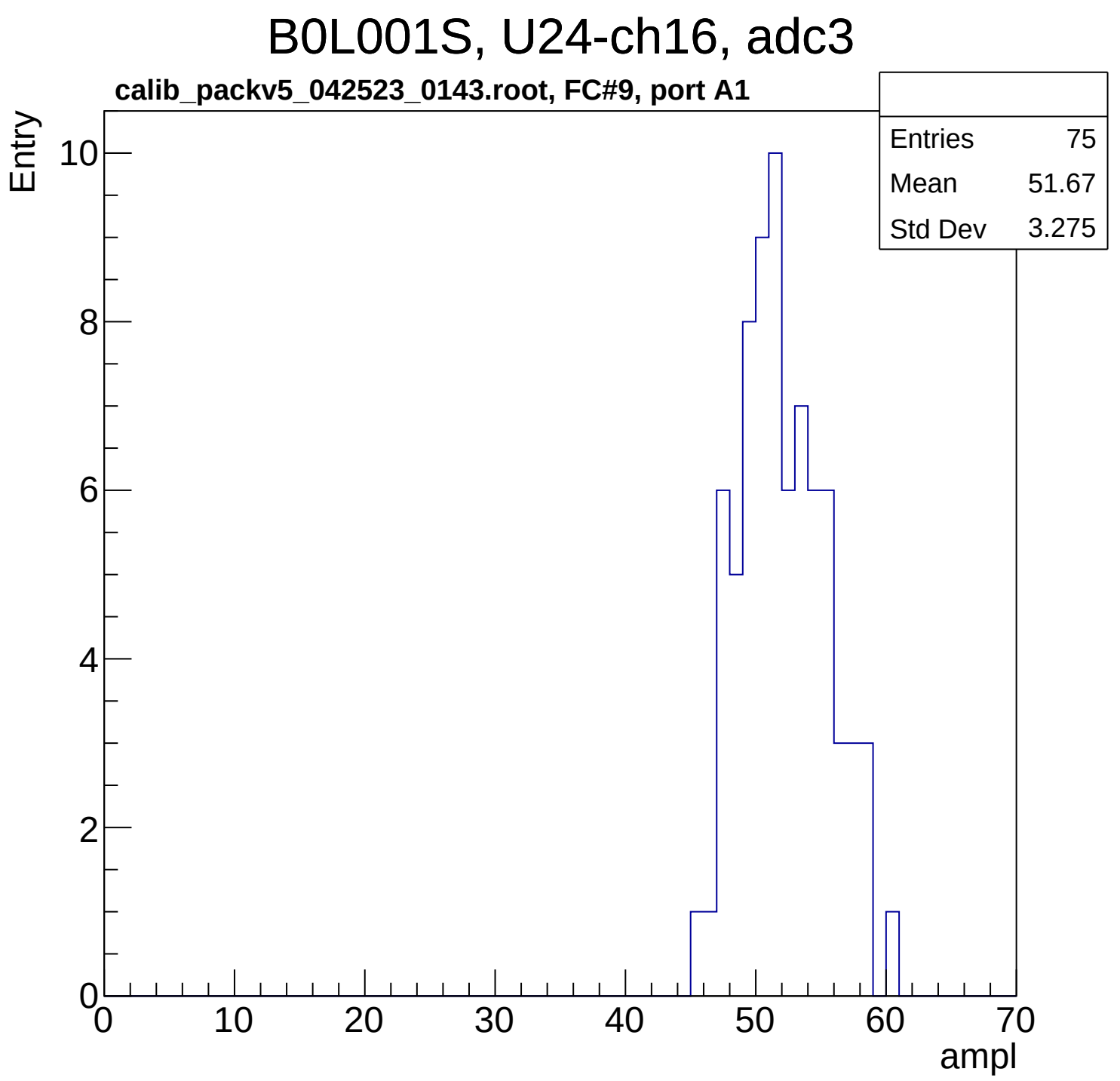
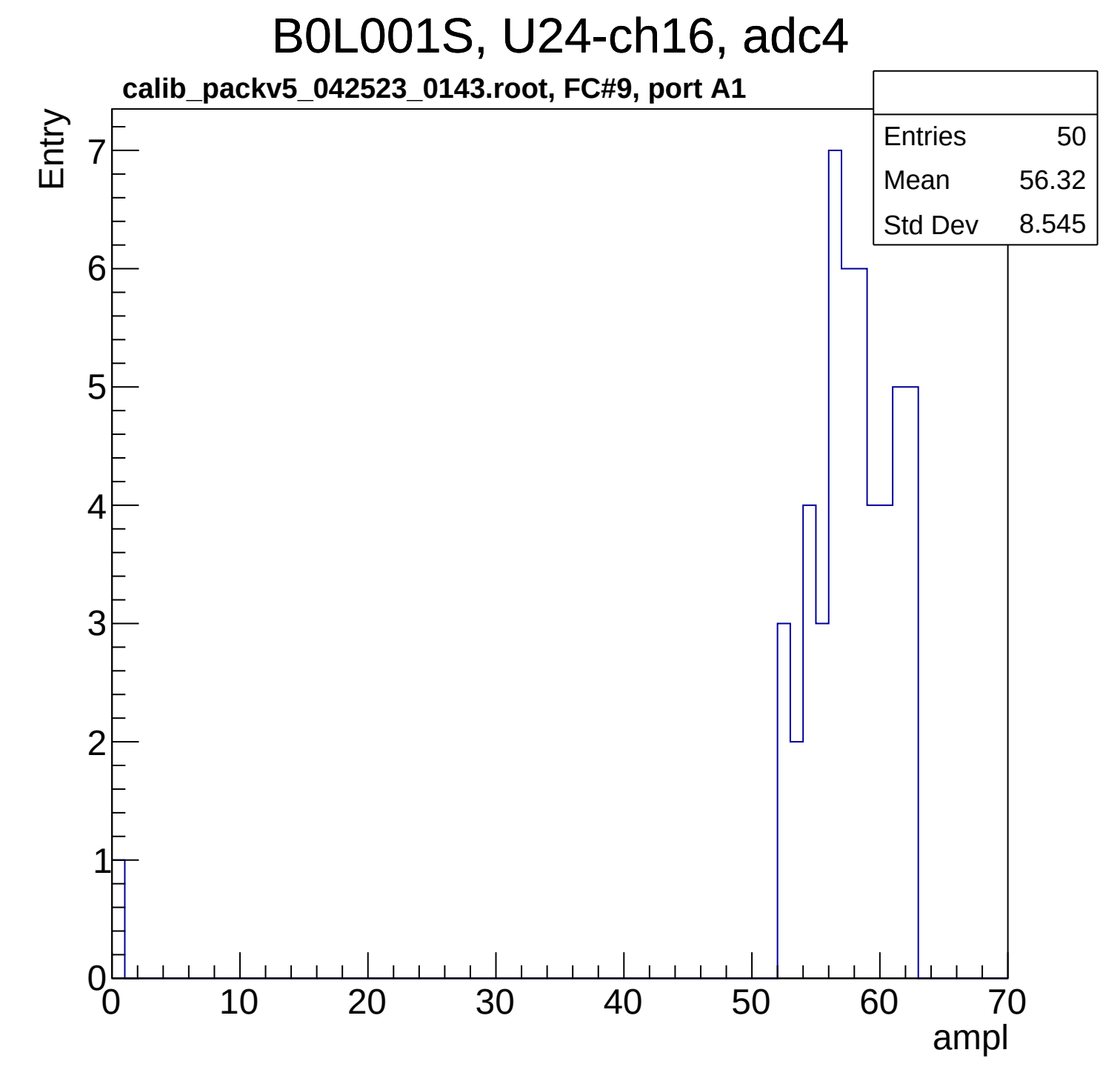
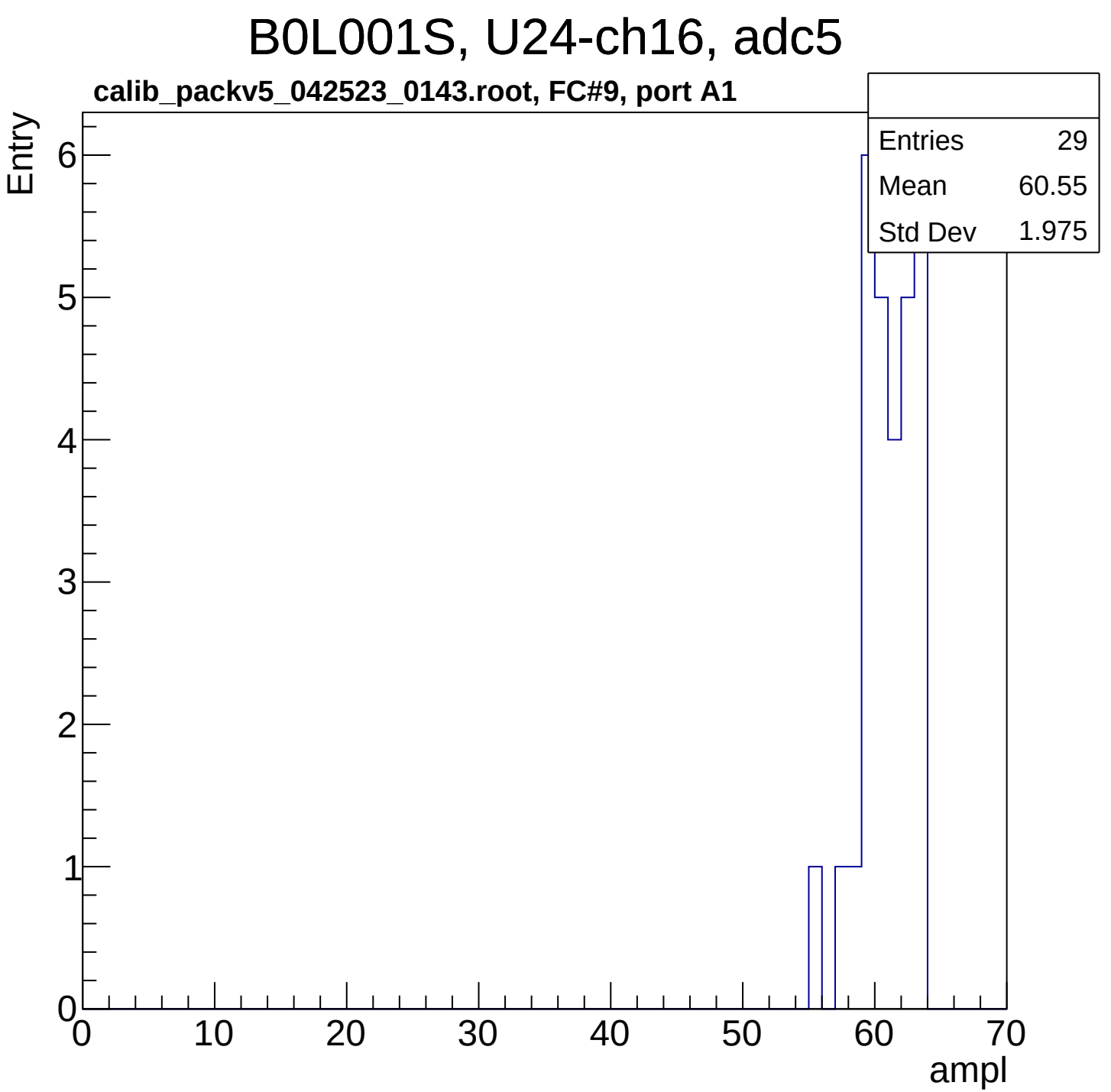
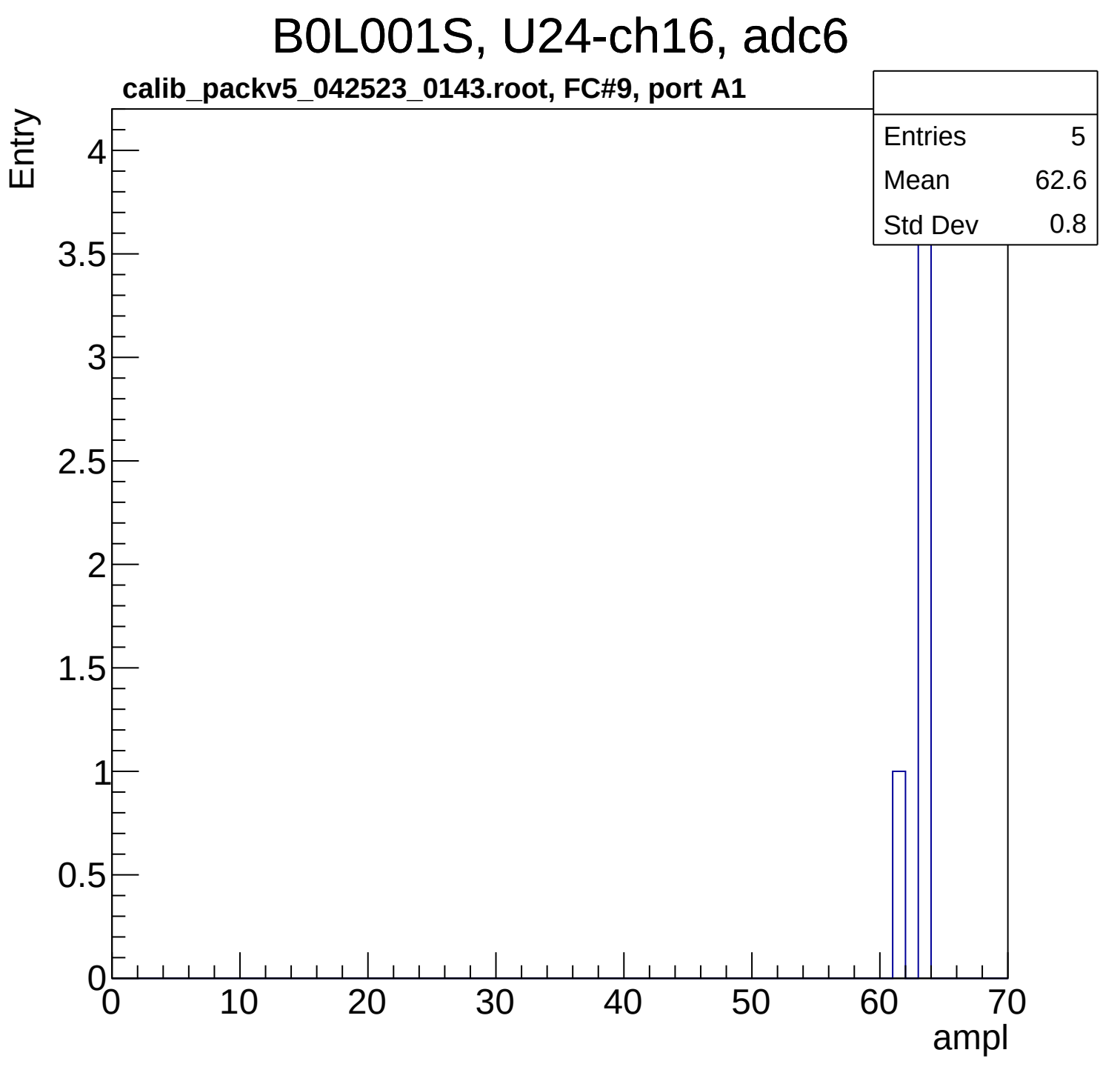
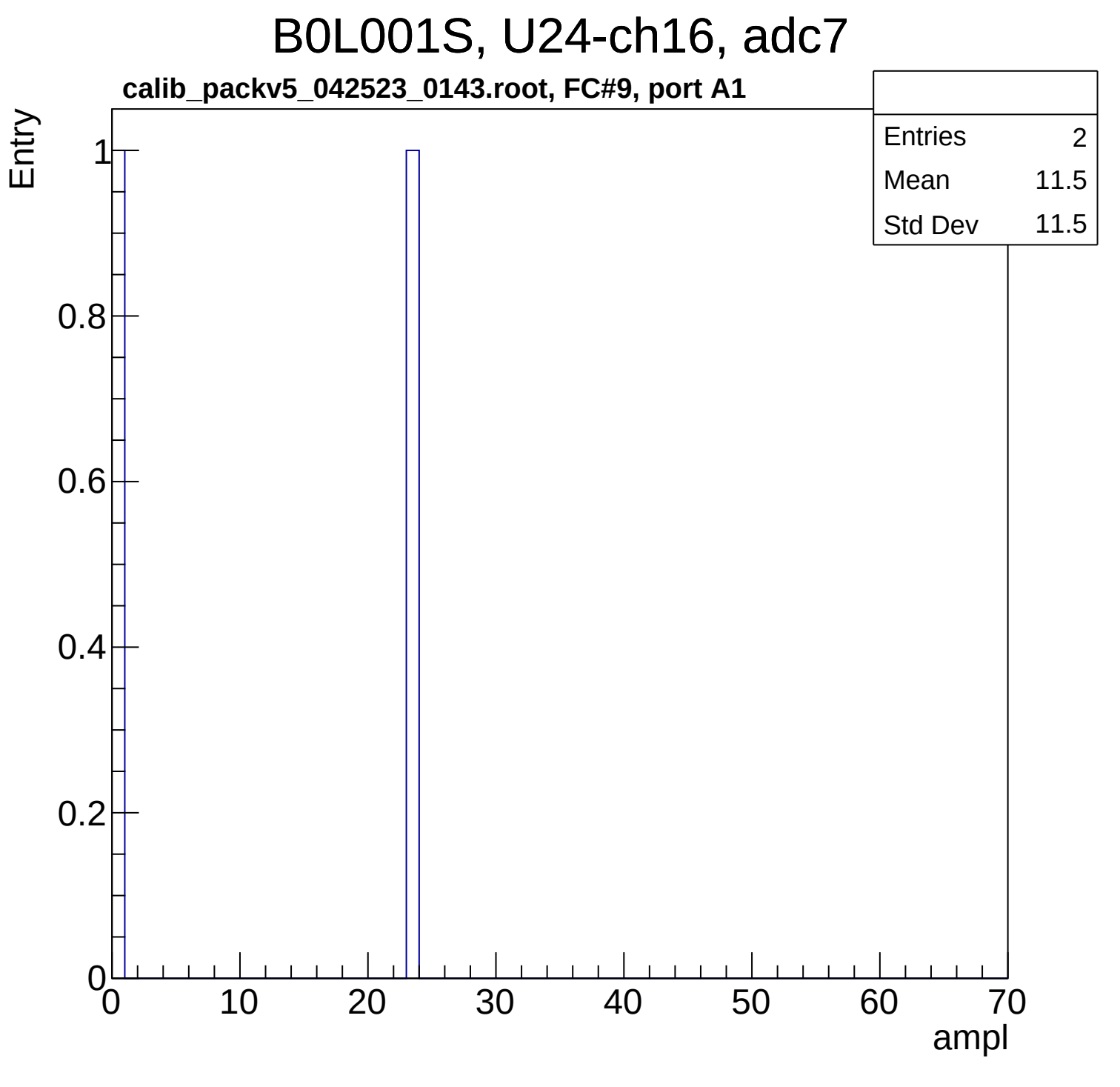
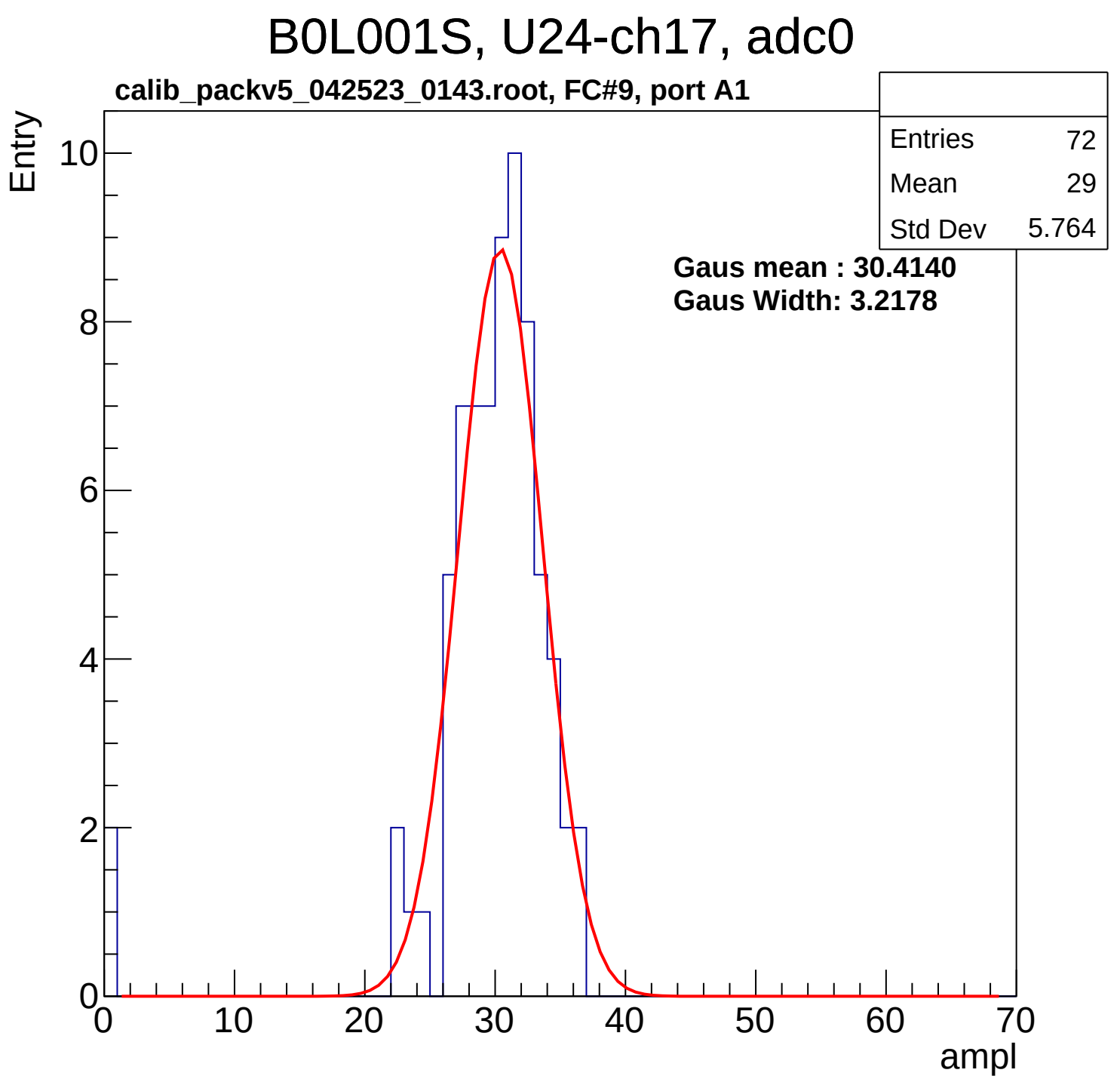

B0L001S, U24-ch16, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 51.67
Std Dev 3.275
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

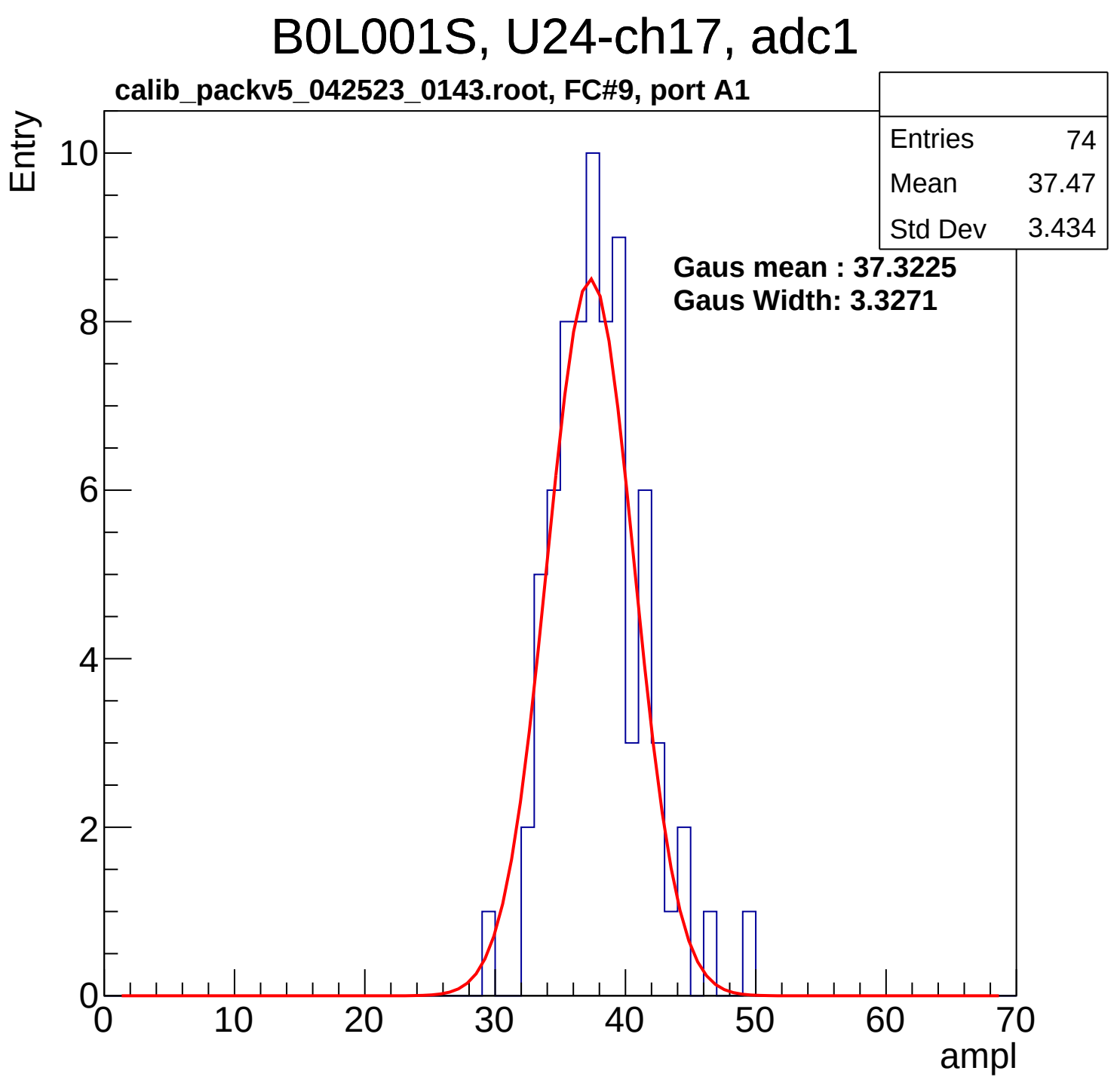

B0L001S, U24-ch16, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 56.32
Std Dev 8.545
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

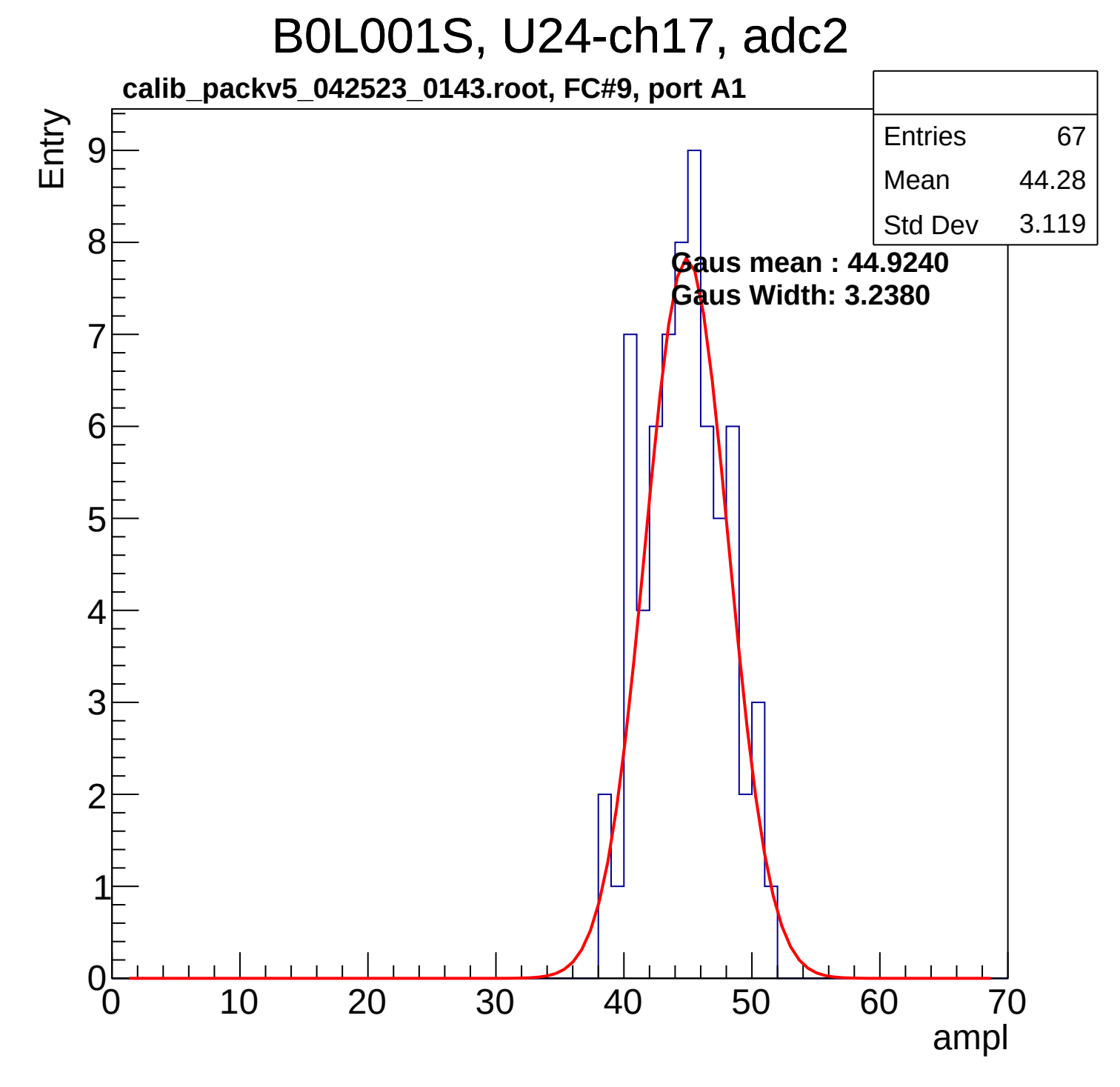

B0L001S, U24-ch16, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 60.55
Std Dev 1.975
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

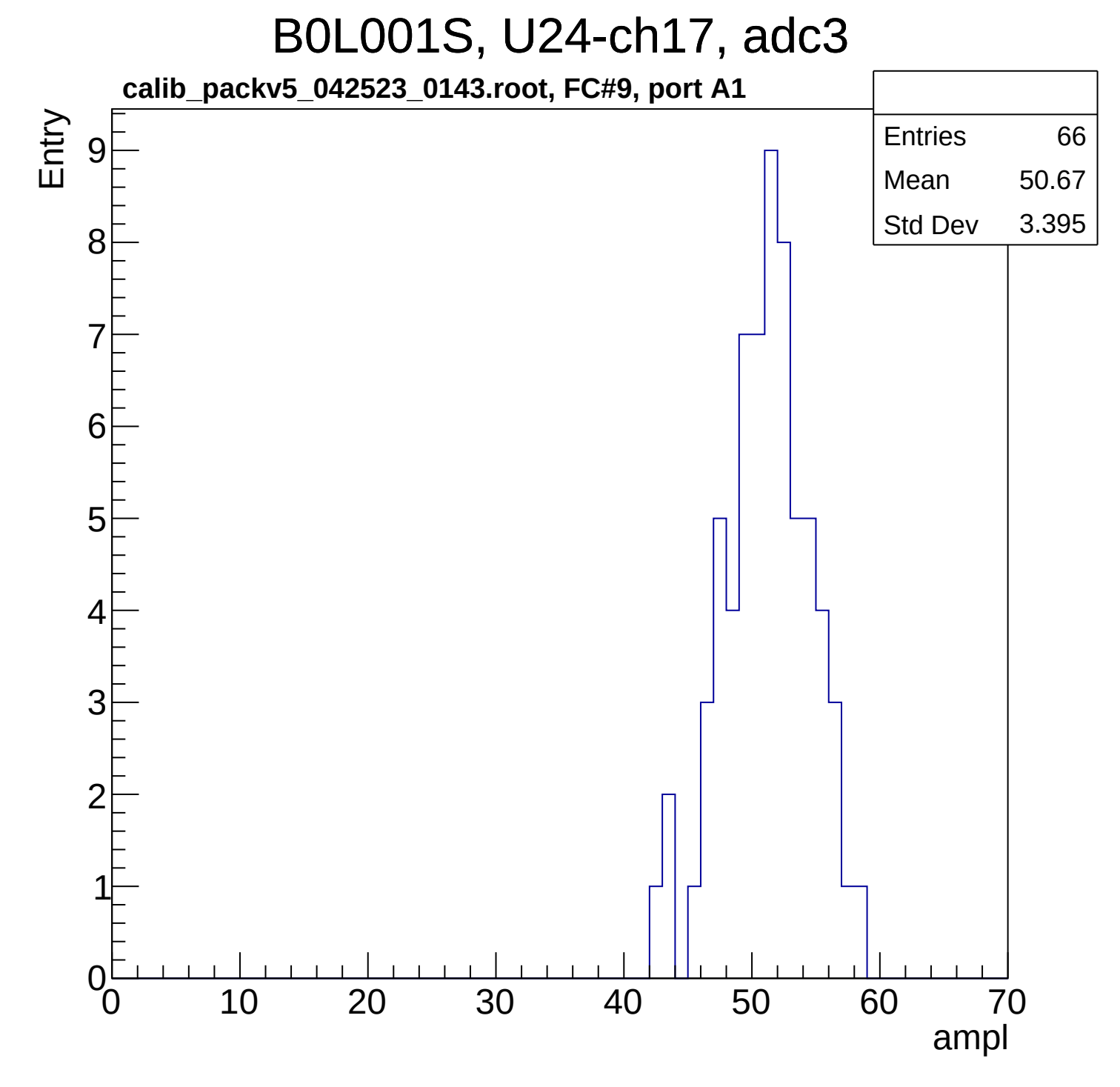

B0L001S, U24-ch16, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 62.6
Std Dev 0.8
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B0L001S, U24-ch16, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch17, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 29
Std Dev 5.764
Gaus mean : 30.4140
Gaus Width: 3.2178
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch17, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 37.47
Std Dev 3.434
Gaus mean : 37.3225
Gaus Width: 3.3271
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch17, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 44.28
Std Dev 3.119
Gaus mean : 44.9240
Gaus Width: 3.2380
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch17, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 50.67
Std Dev 3.395
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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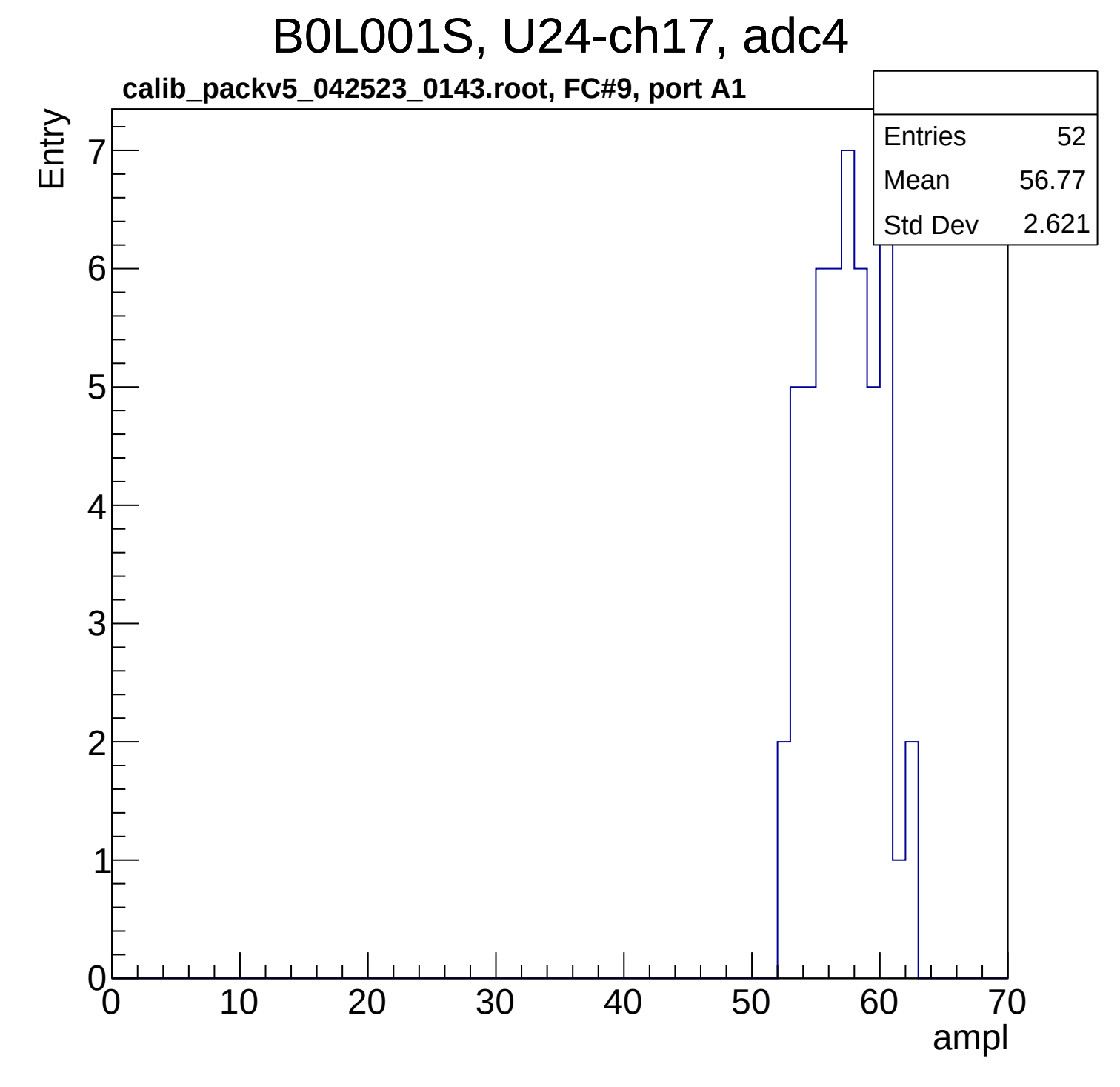
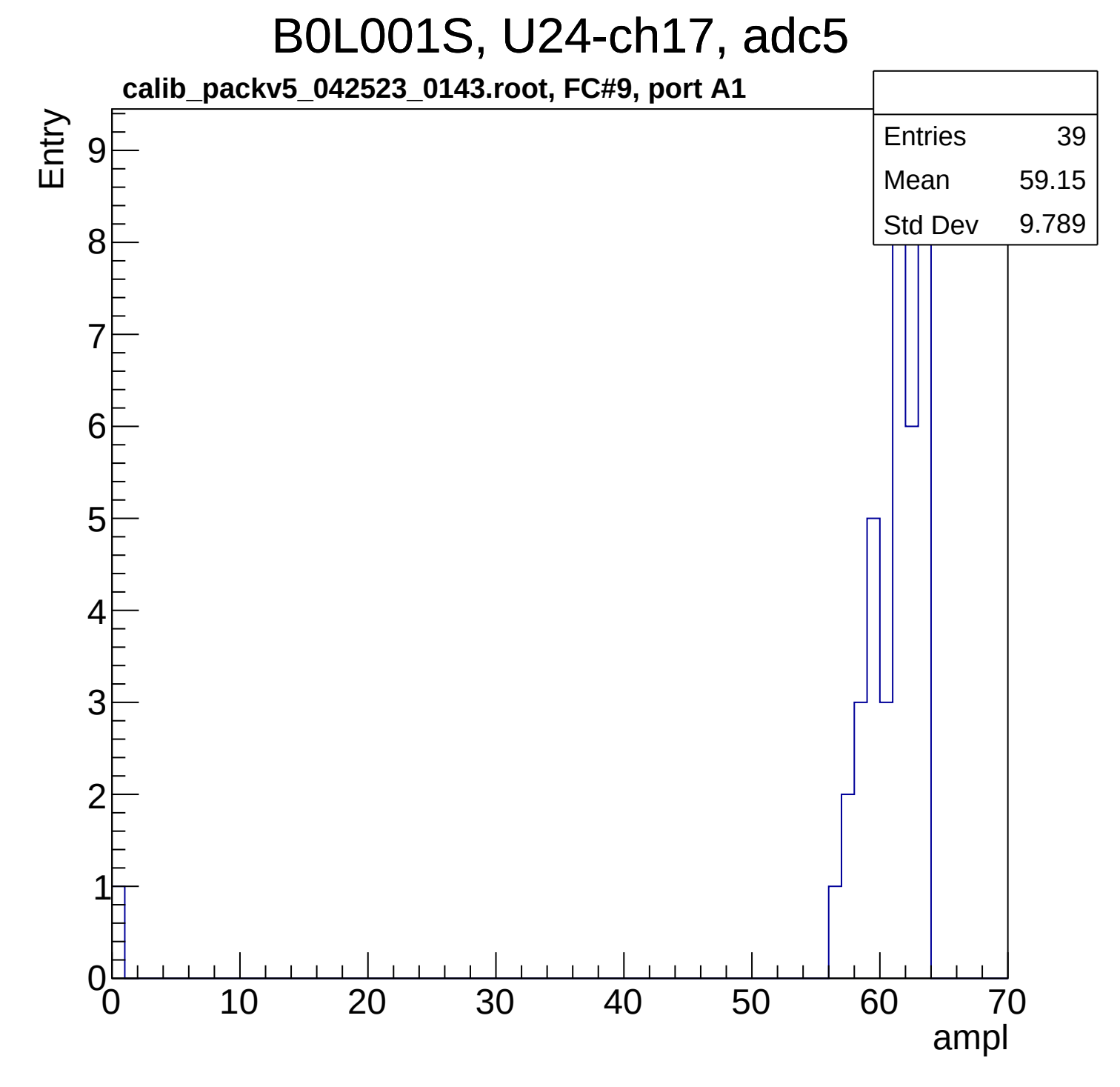

B0L001S, U24-ch17, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 56.77
Std Dev 2.621
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch17, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 59.15
Std Dev 9.789
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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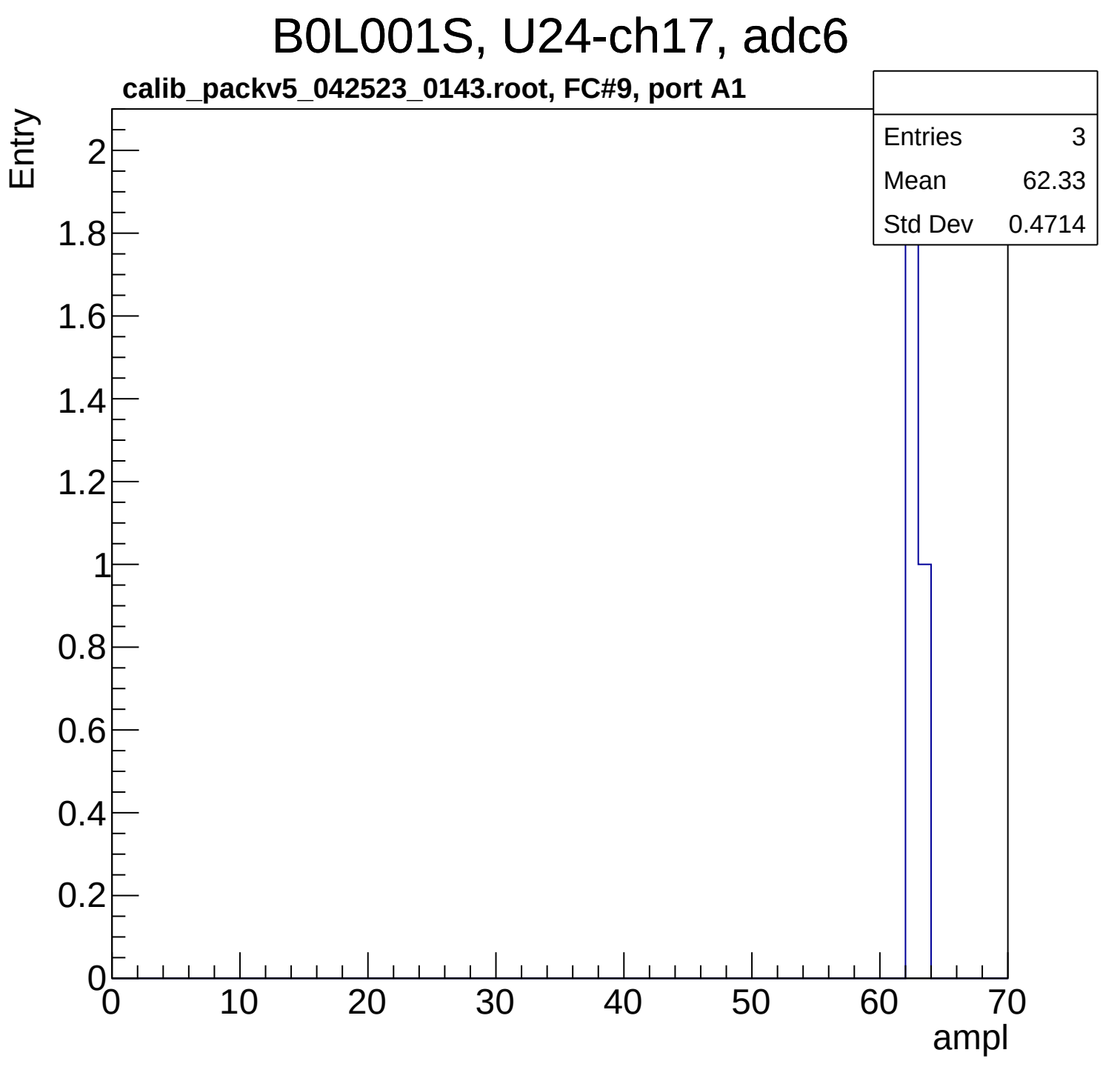
40
50
60
70


B0L001S, U24-ch17, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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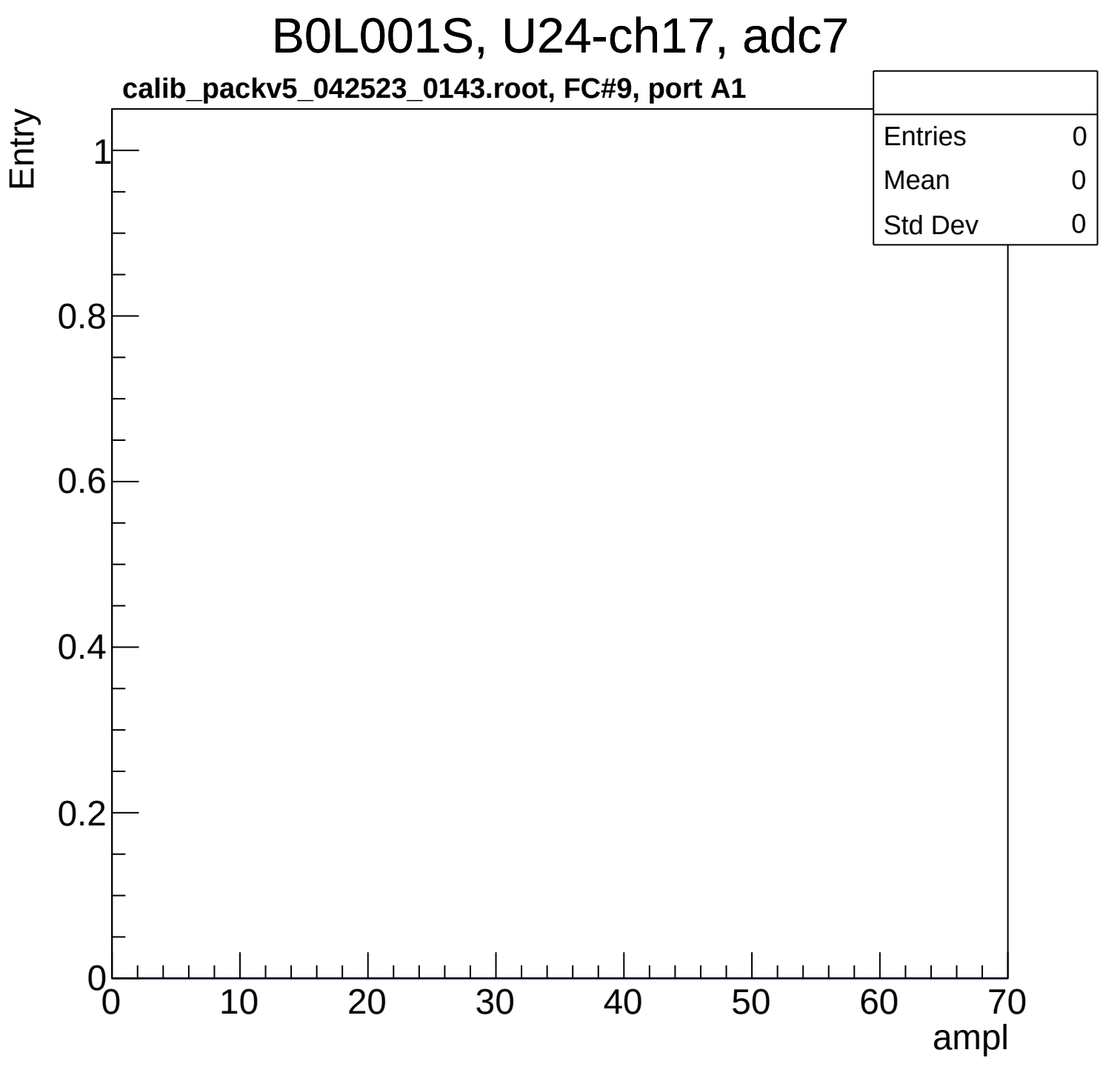
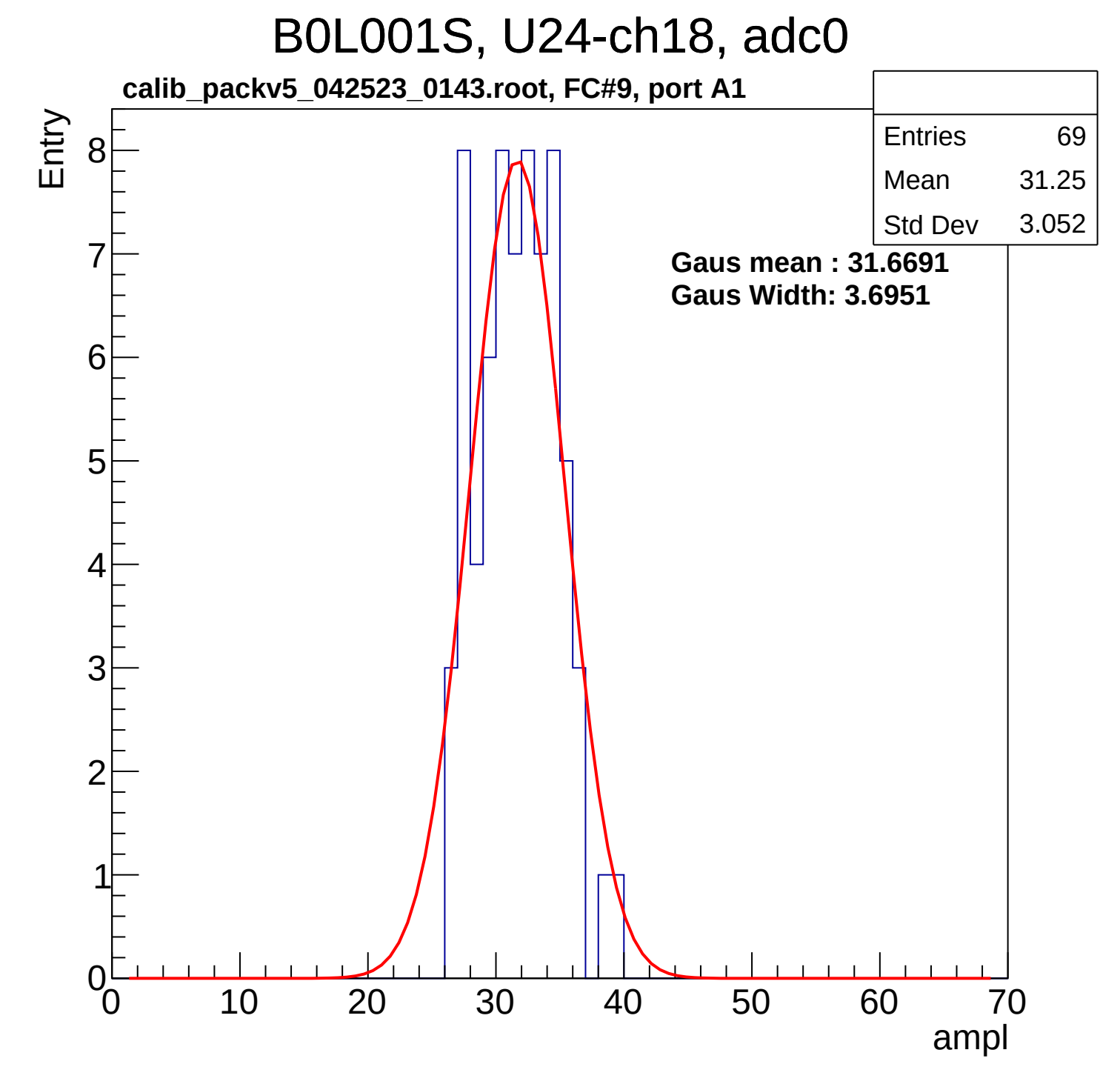
40
50
60
70


B0L001S, U24-ch17, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch18, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 31.25
Std Dev 3.052
Gaus mean : 31.6691
Gaus Width: 3.6951
Entry
ampl
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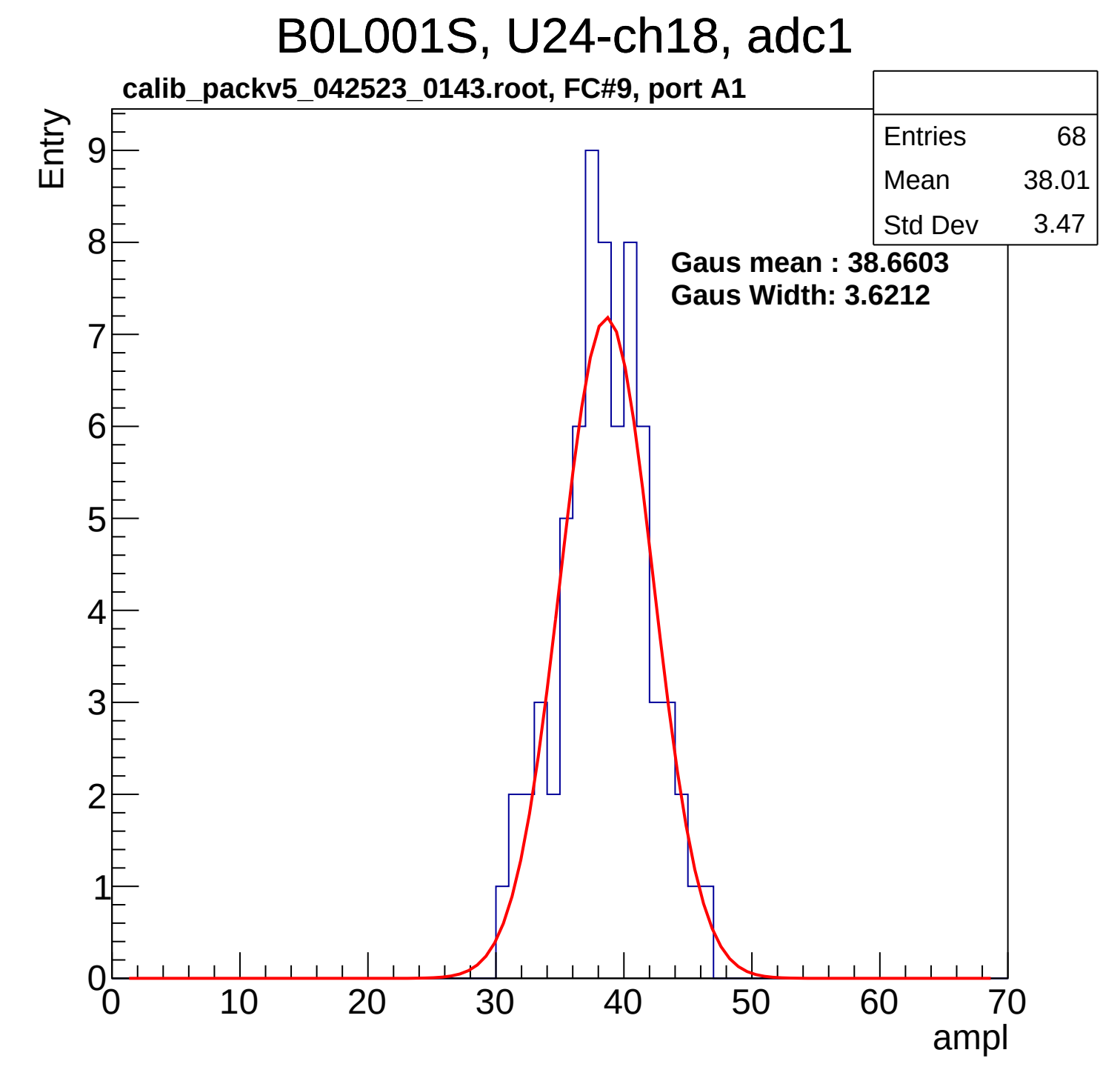
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch18, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 38.01
Std Dev 3.47
Gaus mean : 38.6603
Gaus Width: 3.6212
Entry
ampl
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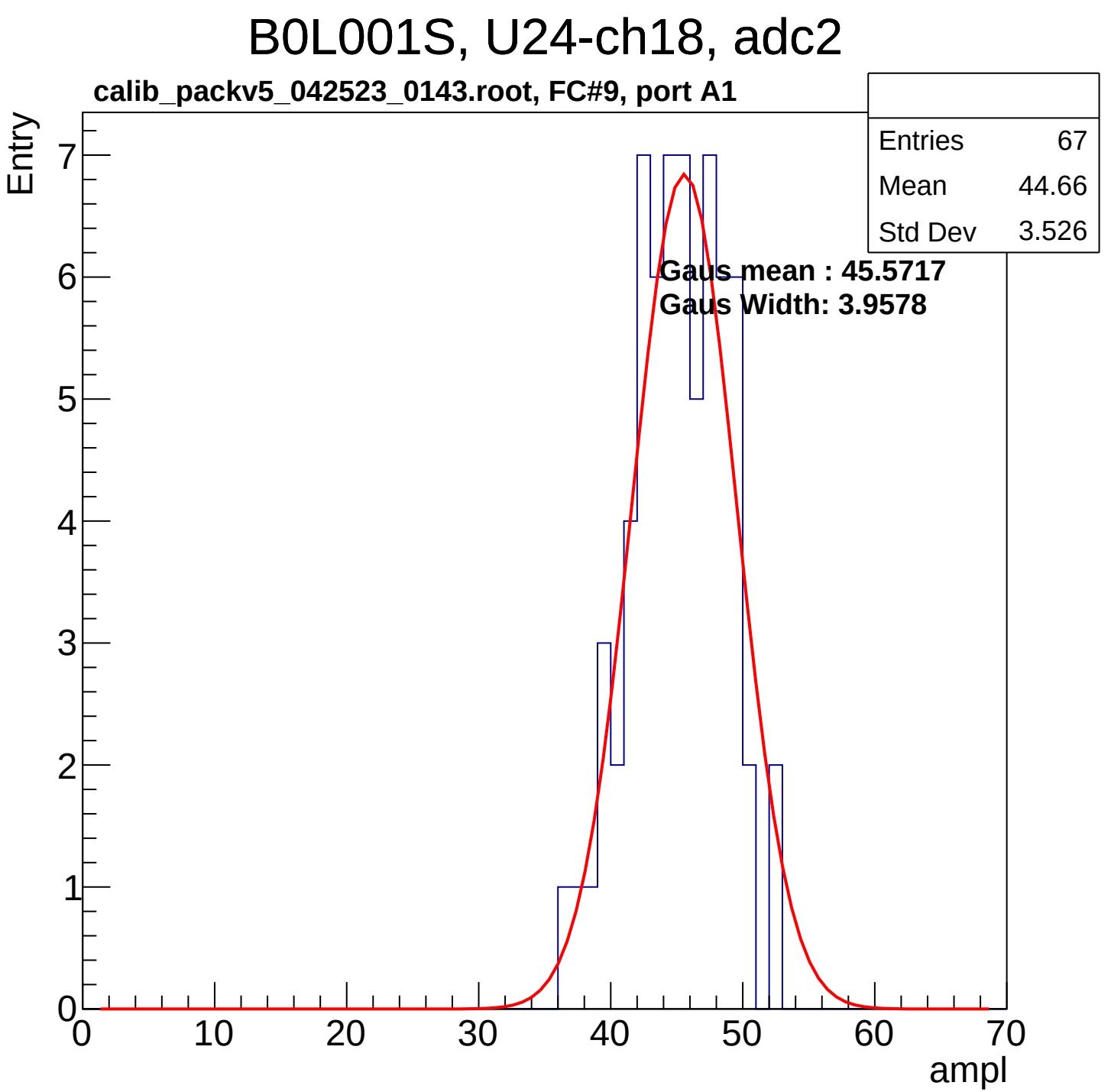
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch18, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 44.66
Std Dev 3.526
Gaus mean : 45.5717
Gaus Width: 3.9578
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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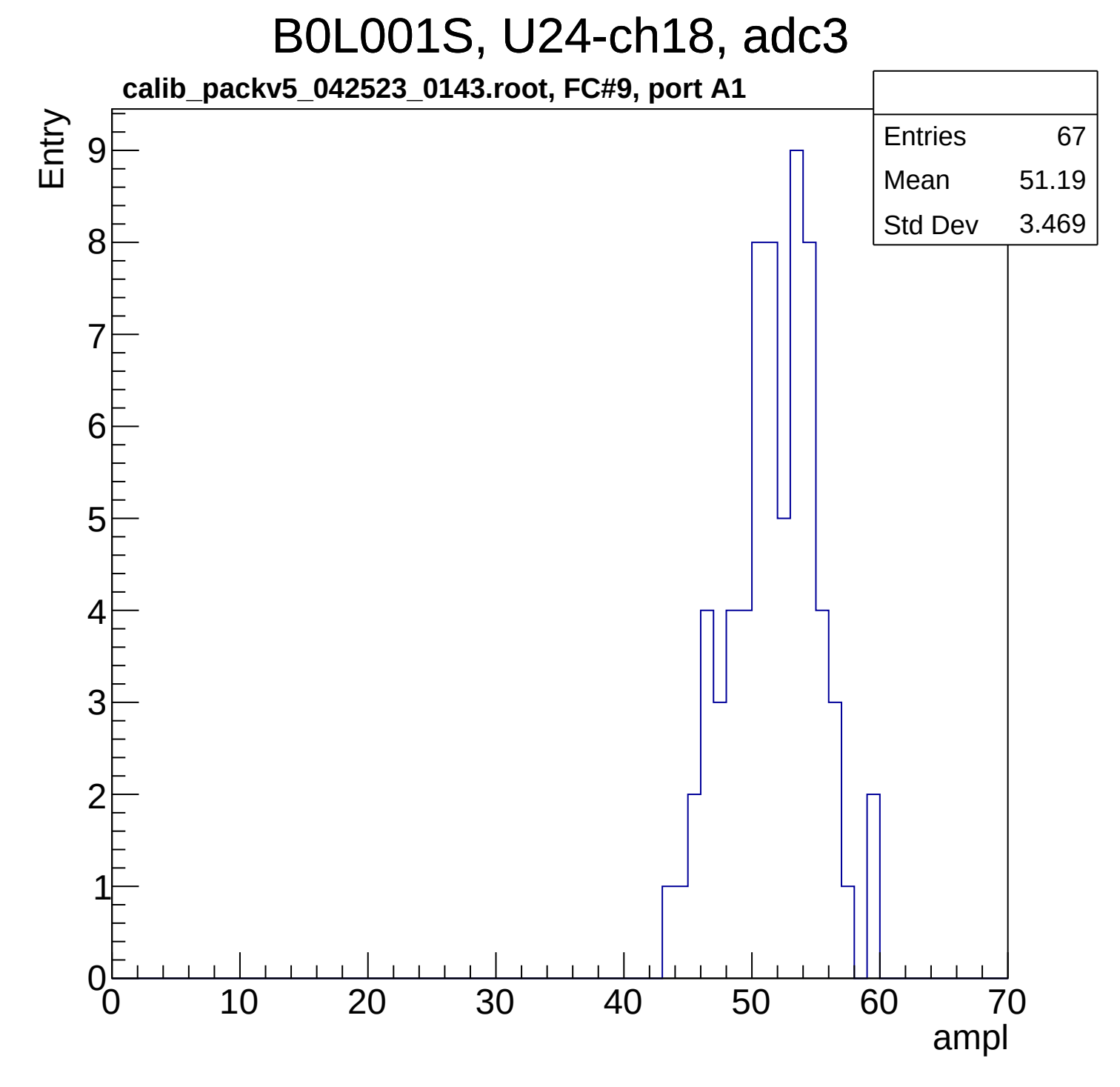
B0L001S, U24-ch18, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 51.19
Std Dev 3.469
Entry
ampl
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3
4
5
6
7
8
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0
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20
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60
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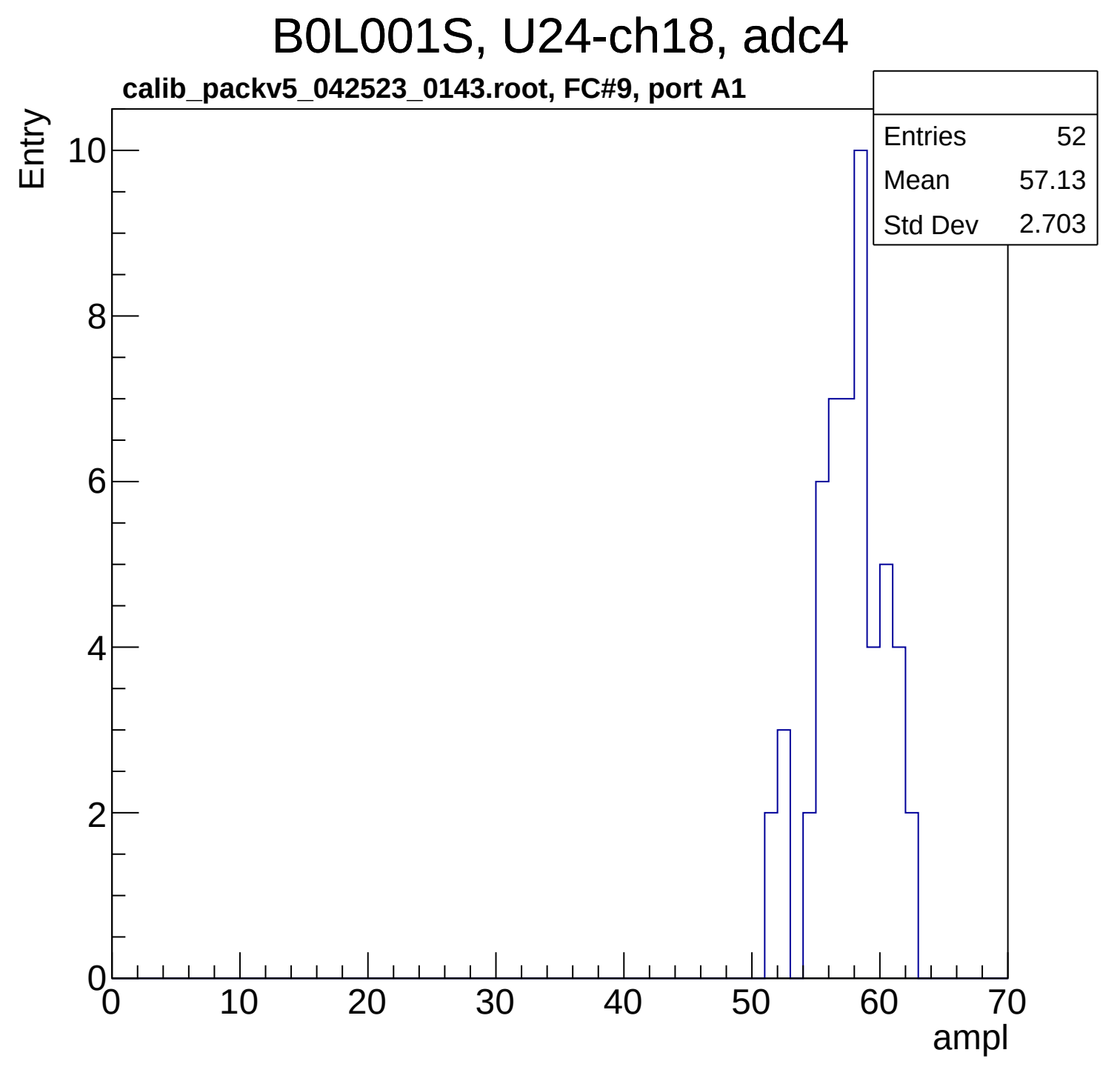
B0L001S, U24-ch18, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 57.13
Std Dev 2.703
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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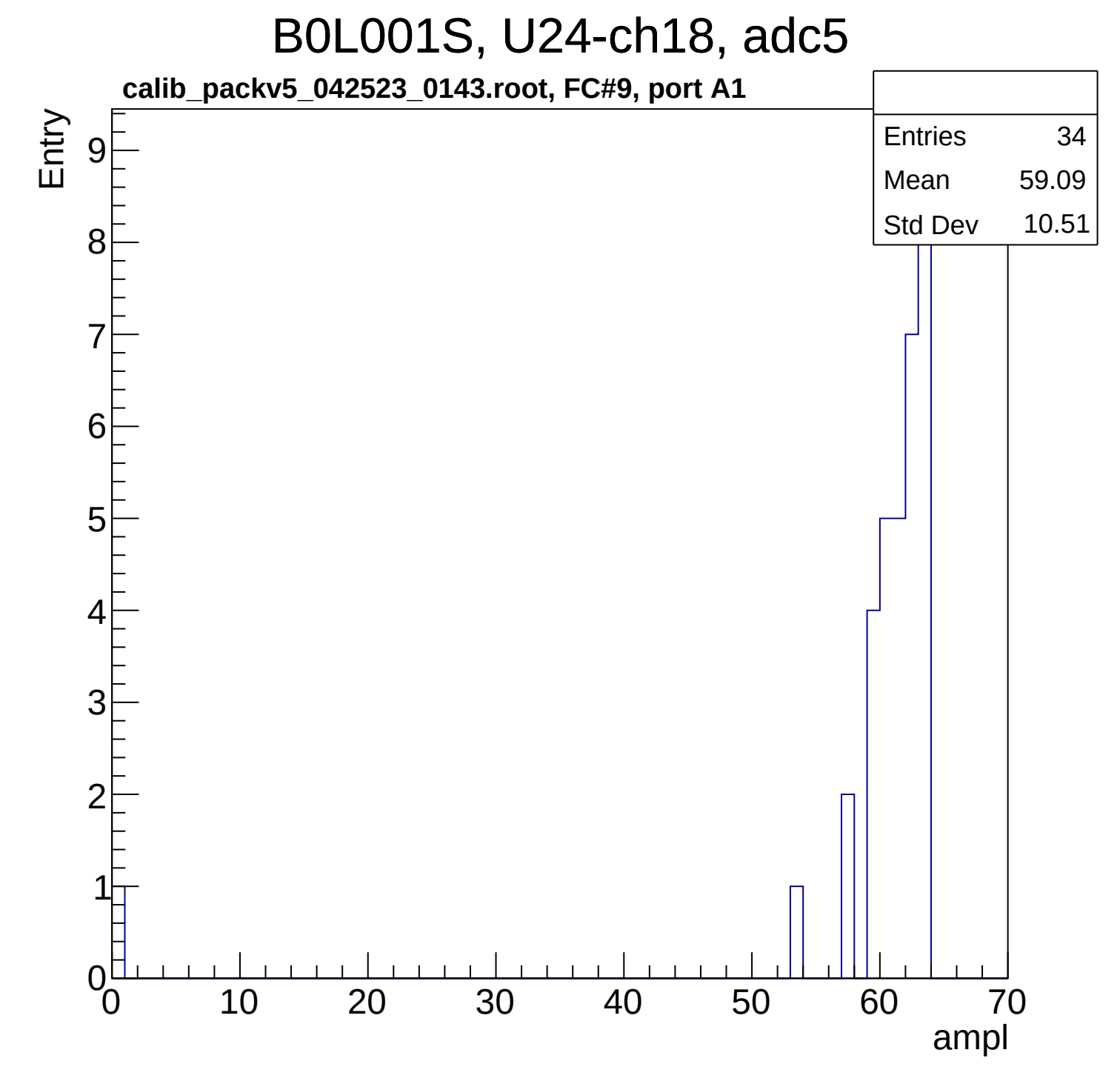
B0L001S, U24-ch18, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 59.09
Std Dev 10.51
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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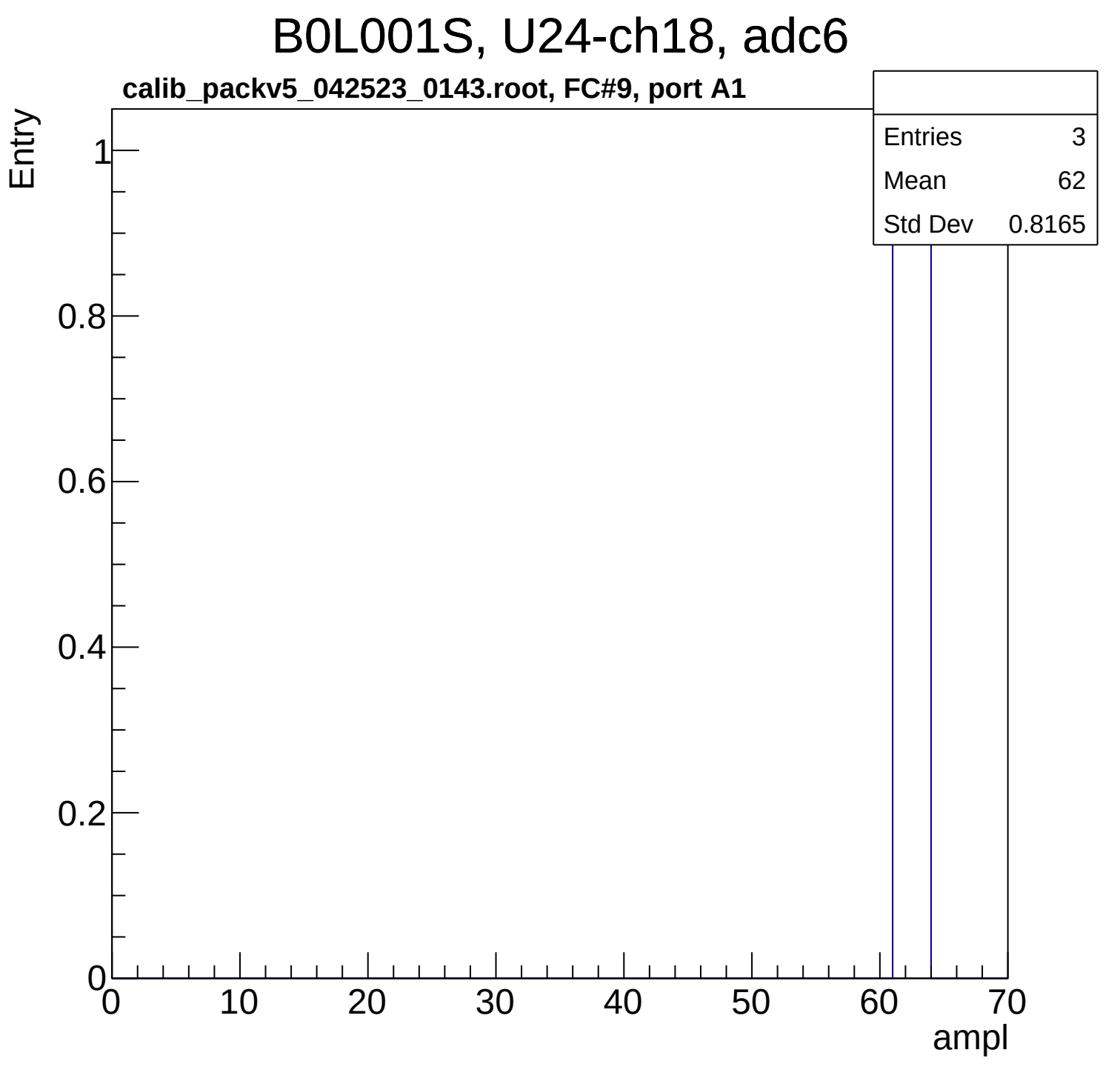
40
50
60
70


B0L001S, U24-ch18, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62
Std Dev 0.8165
Entry
1
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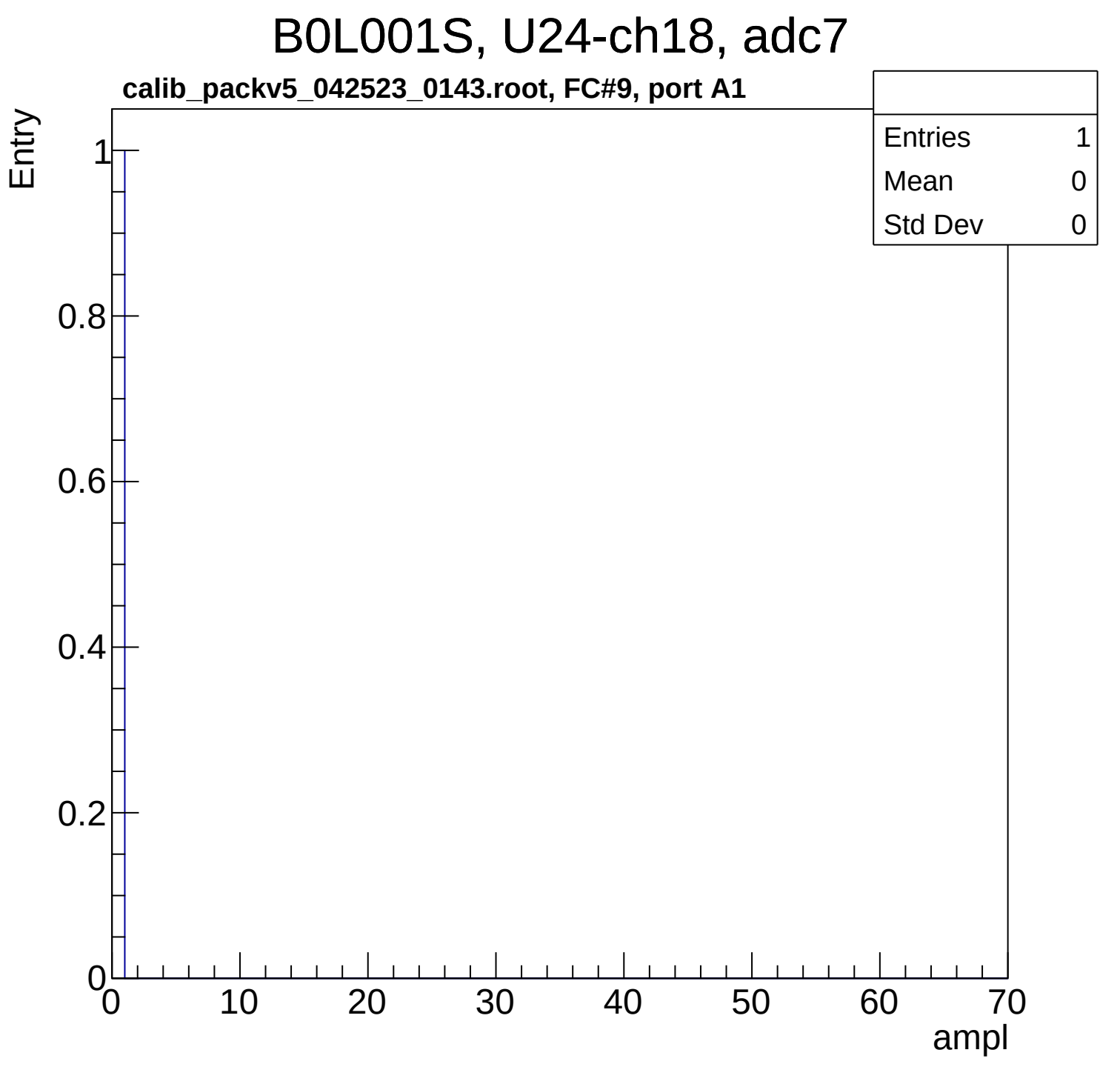
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch18, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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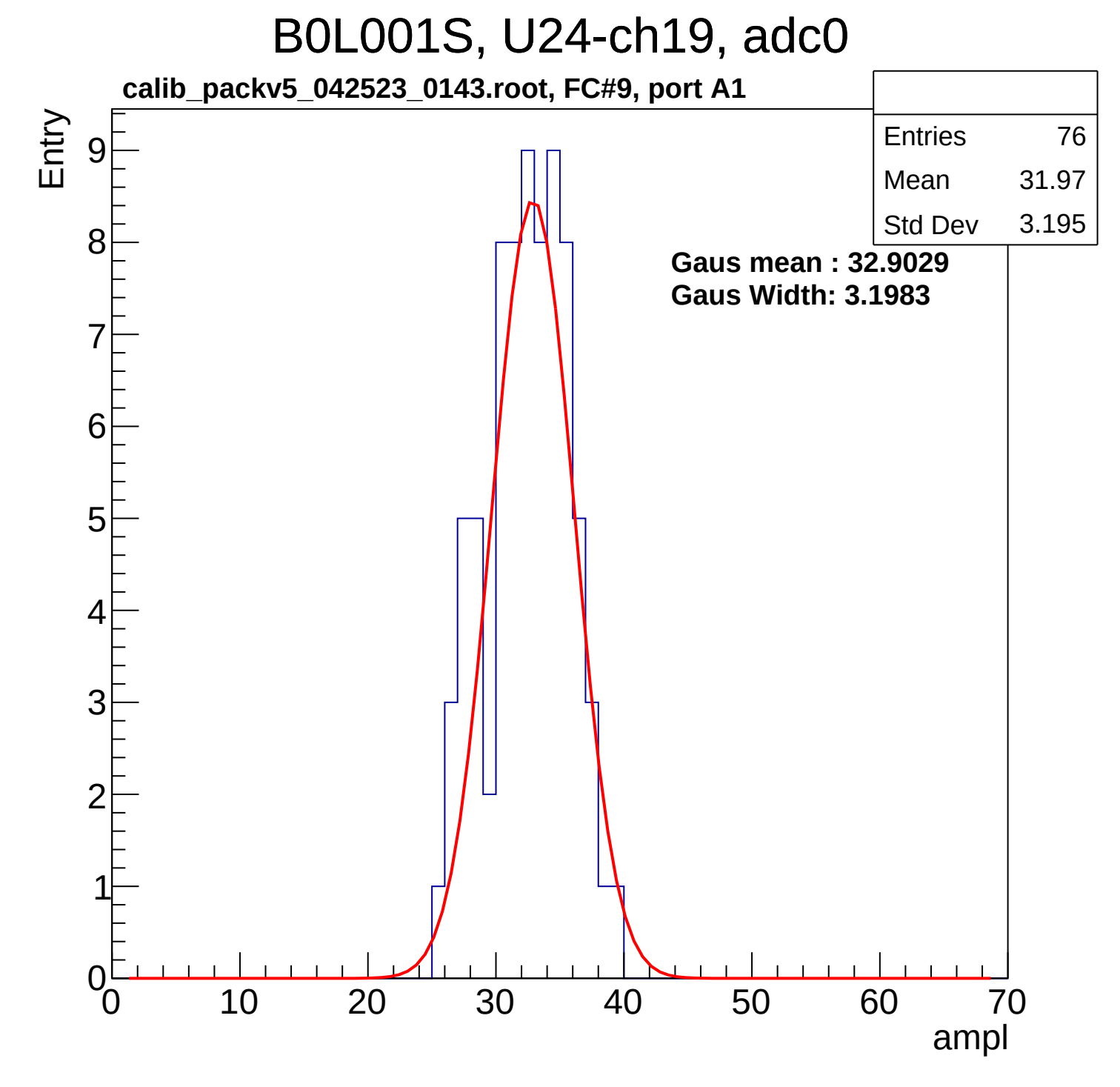
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch19, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 31.97
Std Dev 3.195
Gaus mean : 32.9029
Gaus Width: 3.1983
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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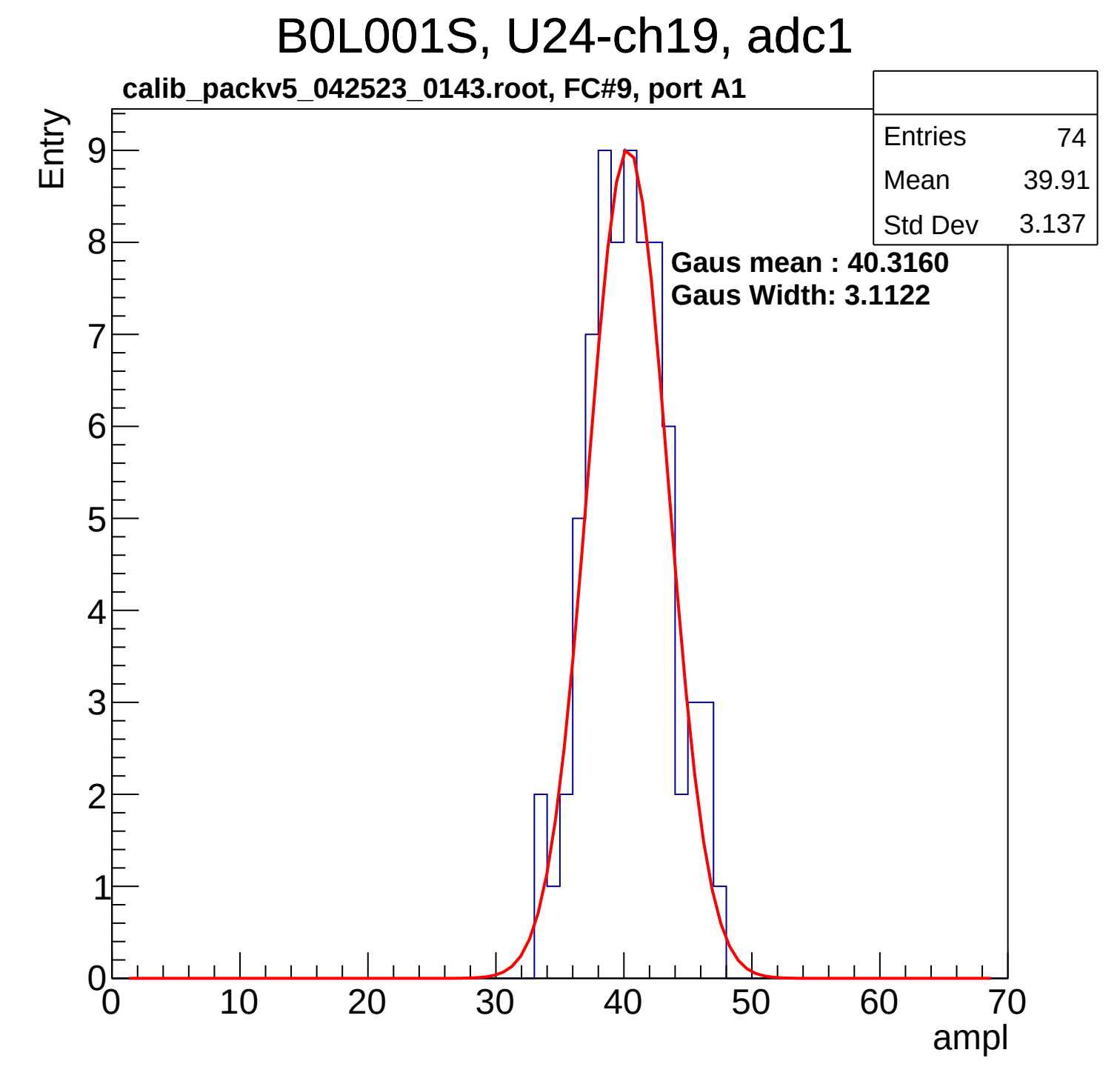
B0L001S, U24-ch19, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 39.91
Std Dev 3.137
Gaus mean : 40.3160
Gaus Width: 3.1122
Entry
ampl
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2
3
4
5
6
7
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0
10
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60
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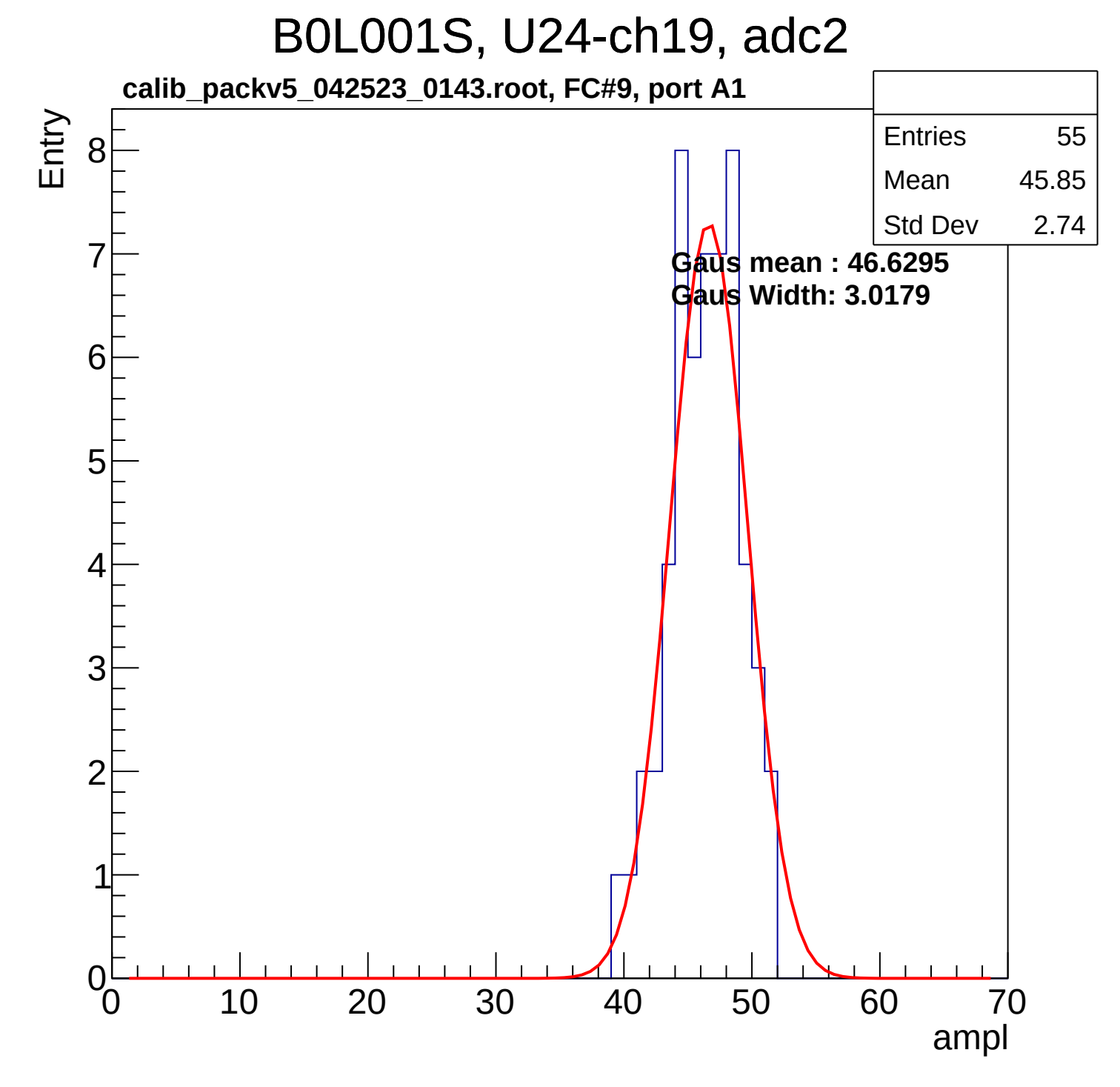
B0L001S, U24-ch19, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 45.85
Std Dev 2.74
Gaus mean : 46.6295
Gaus Width: 3.0179
Entry
ampl
0
1
2
3
4
5
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7
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60
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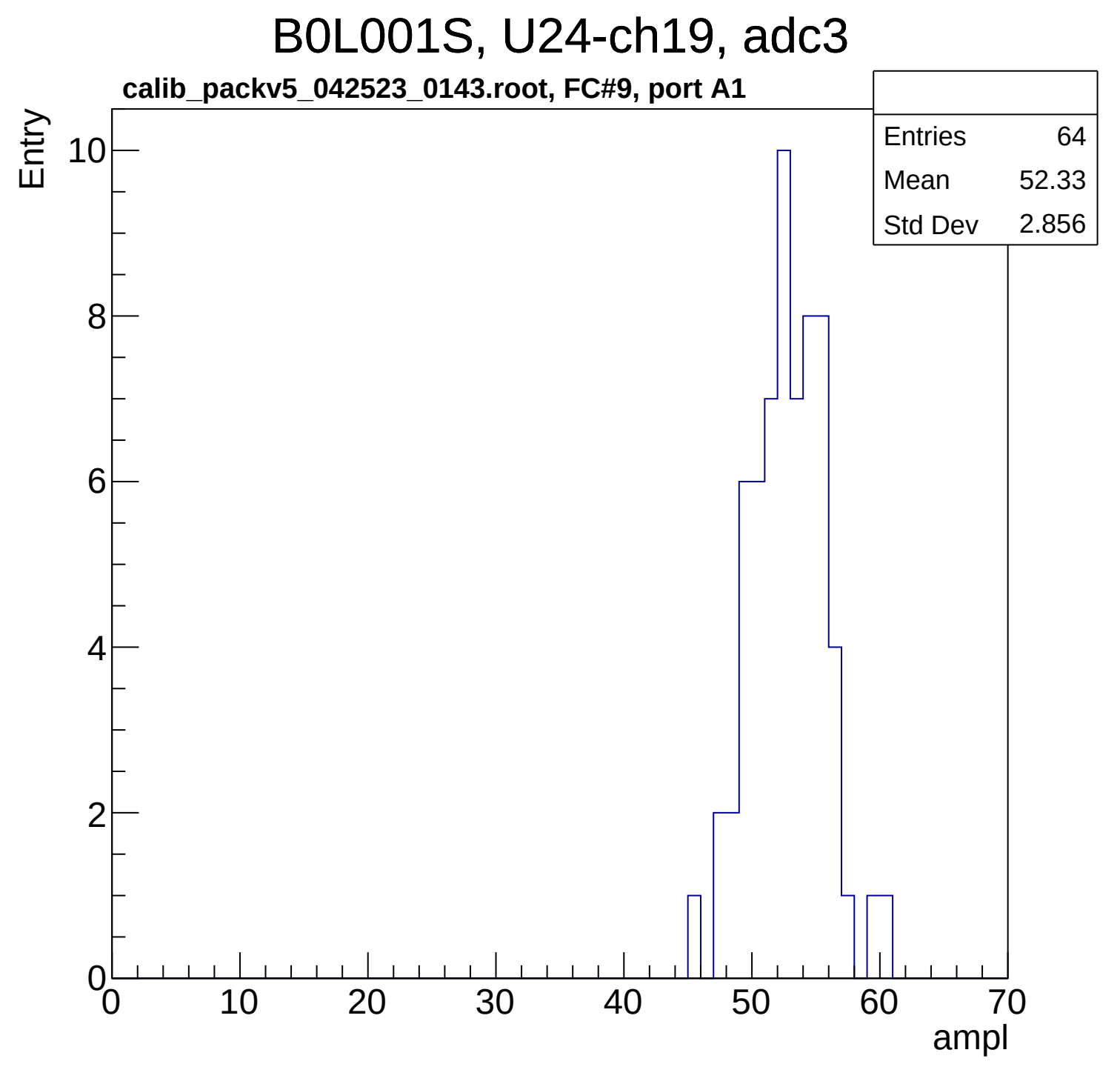
B0L001S, U24-ch19, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 52.33
Std Dev 2.856
Entry
ampl
0
2
4
6
8
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0
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60
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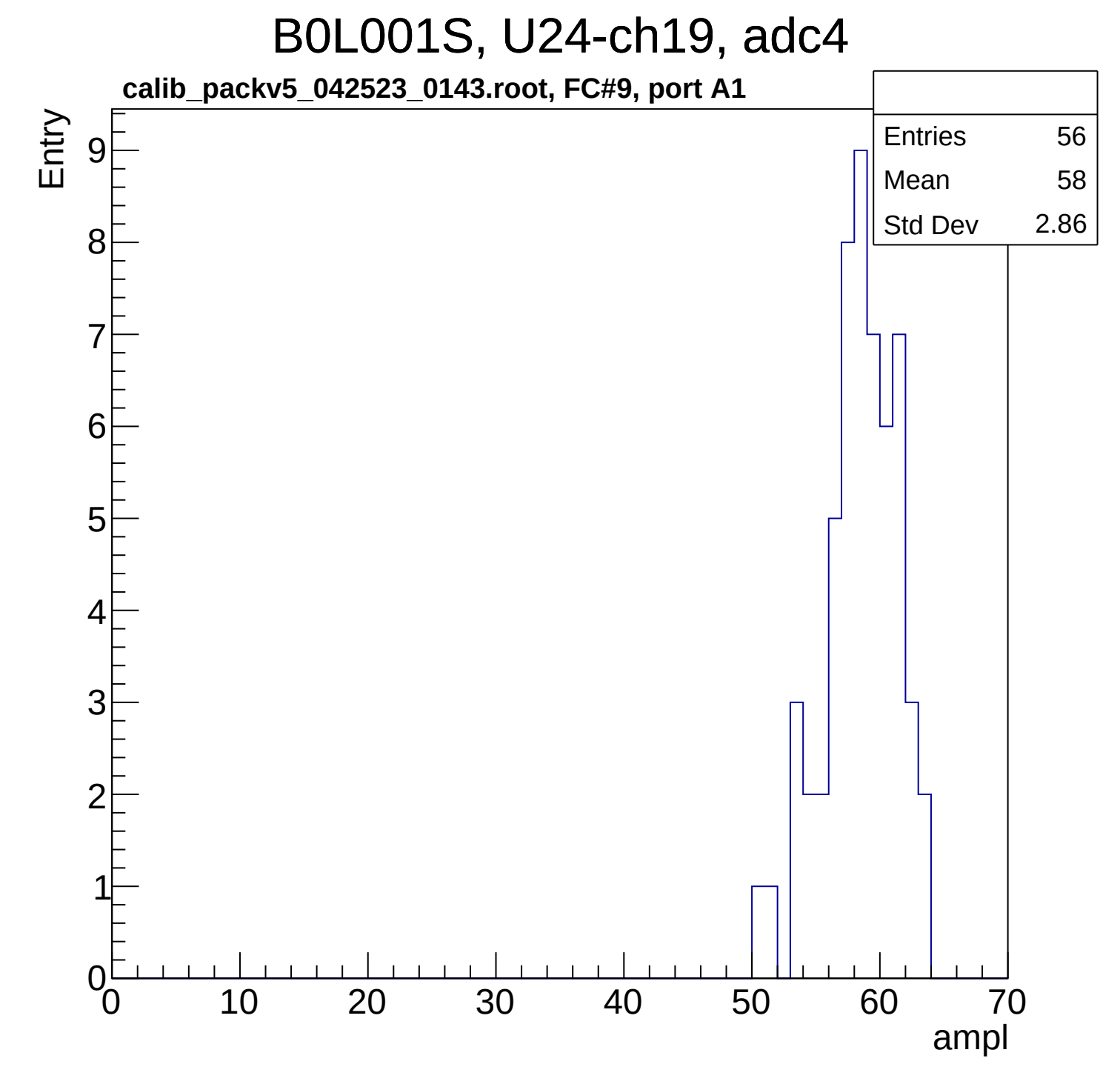
B0L001S, U24-ch19, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 58
Std Dev 2.86
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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60
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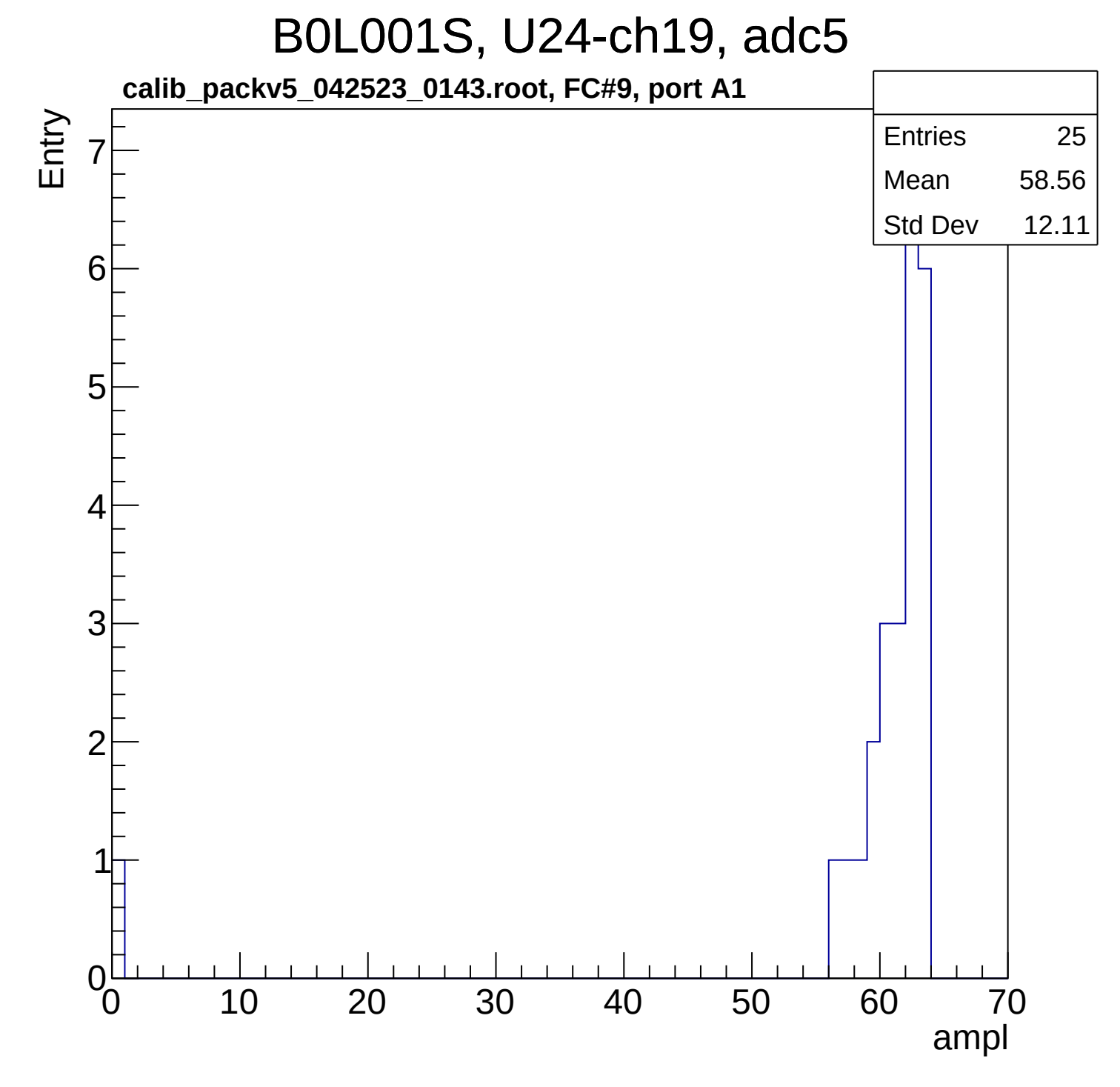
B0L001S, U24-ch19, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 25
Mean 58.56
Std Dev 12.11
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
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60
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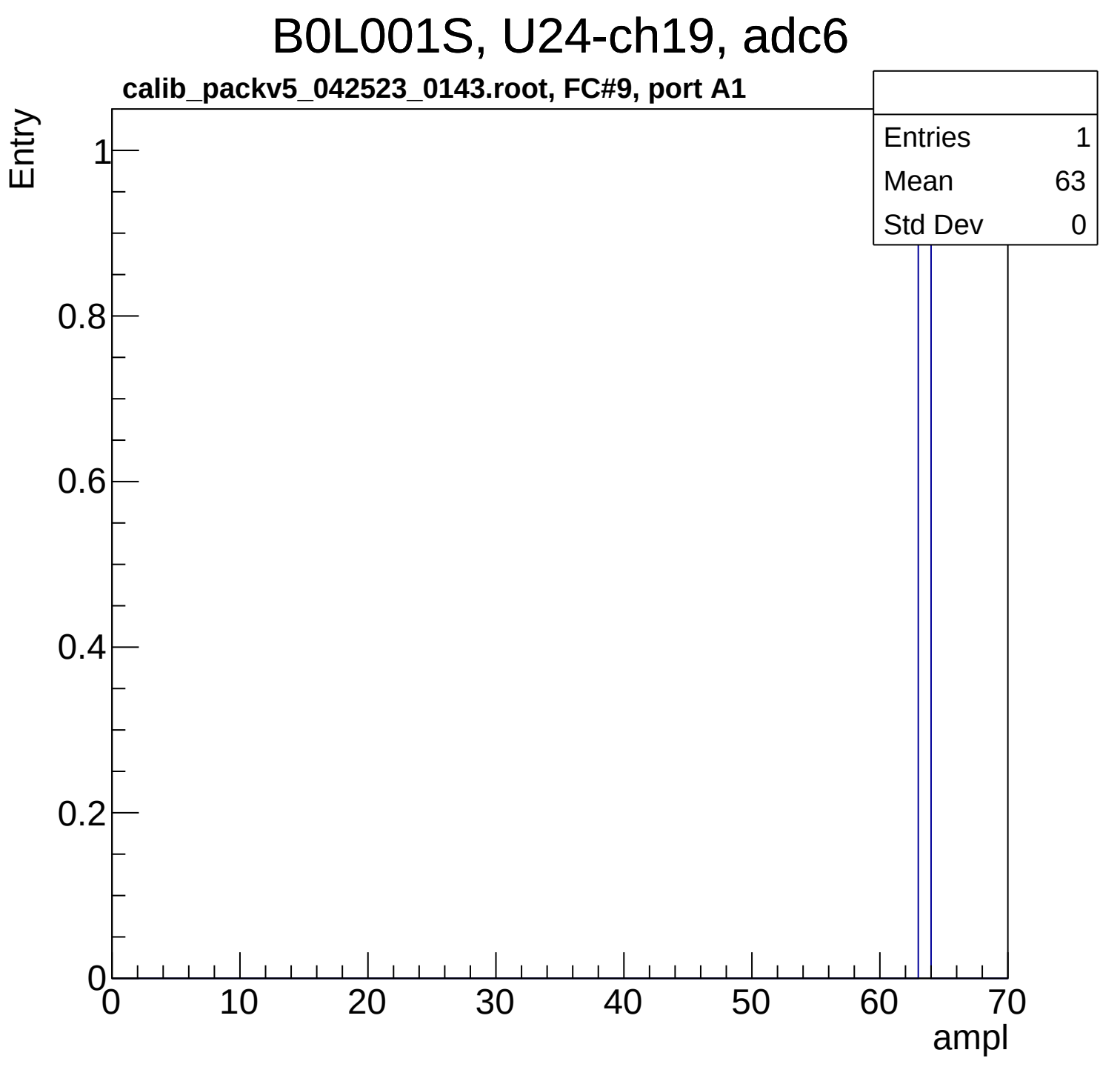
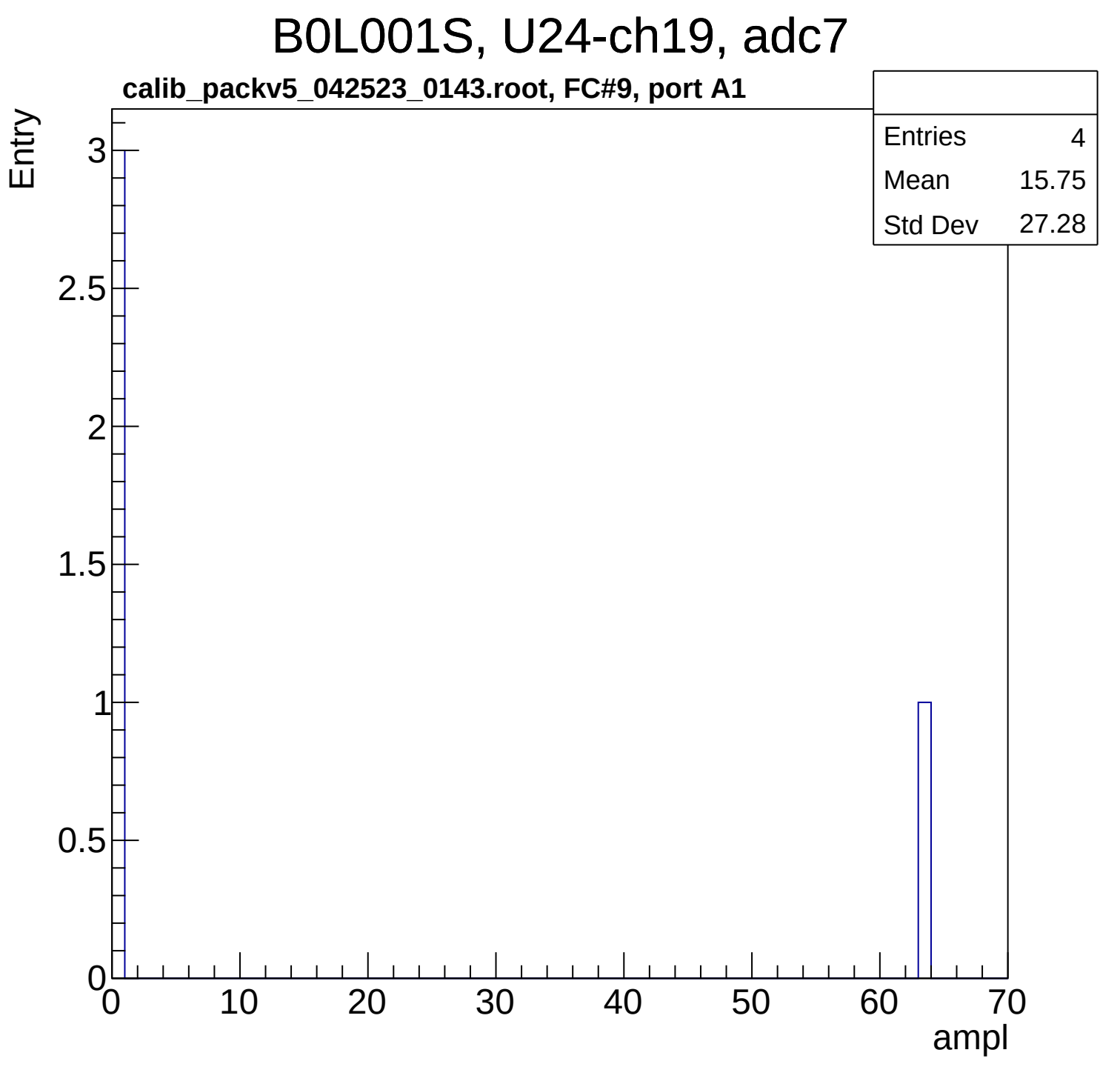
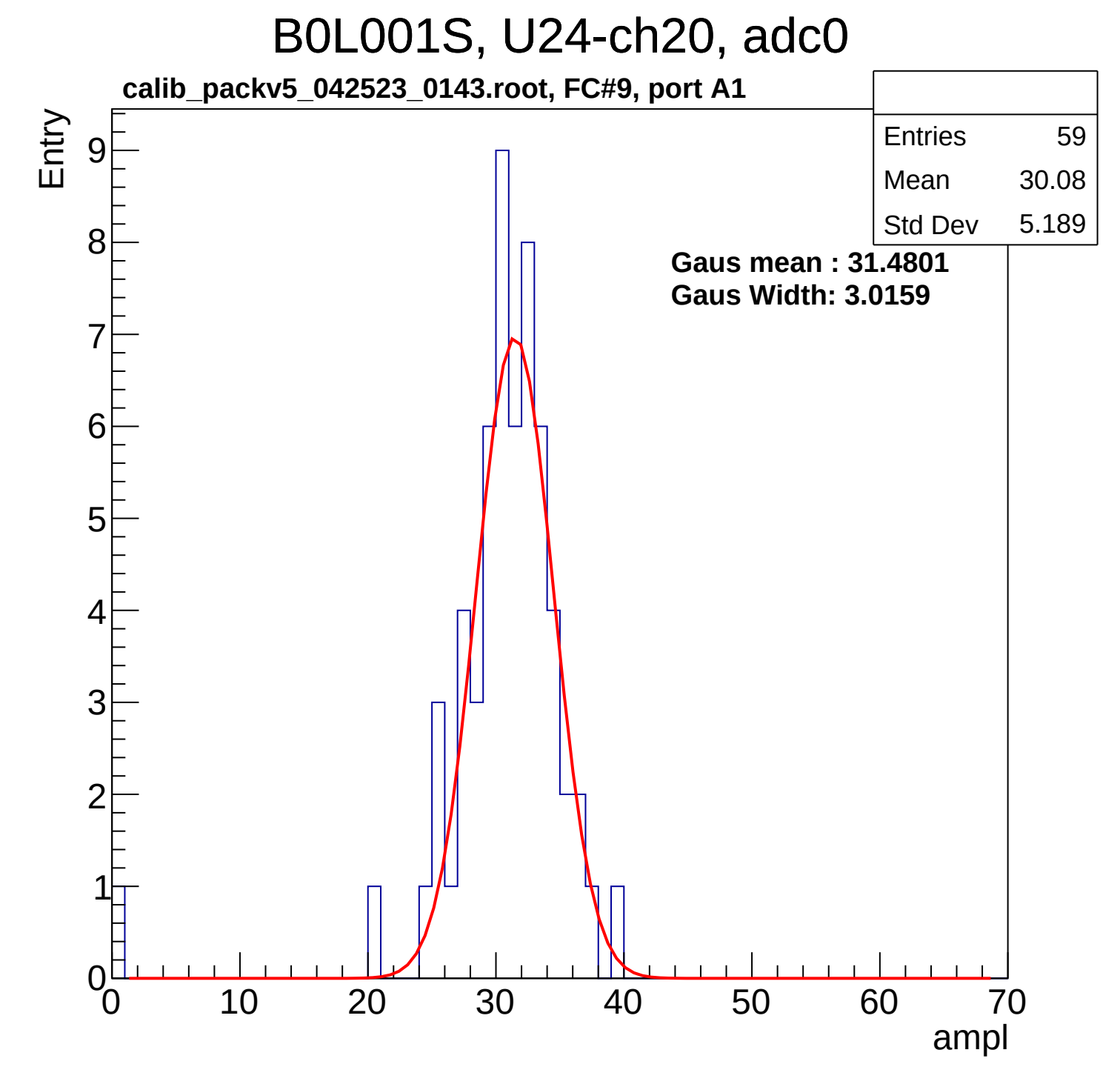

B0L001S, U24-ch19, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch19, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 15.75
Std Dev 27.28
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch20, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 30.08
Std Dev 5.189
Gaus mean : 31.4801
Gaus Width: 3.0159
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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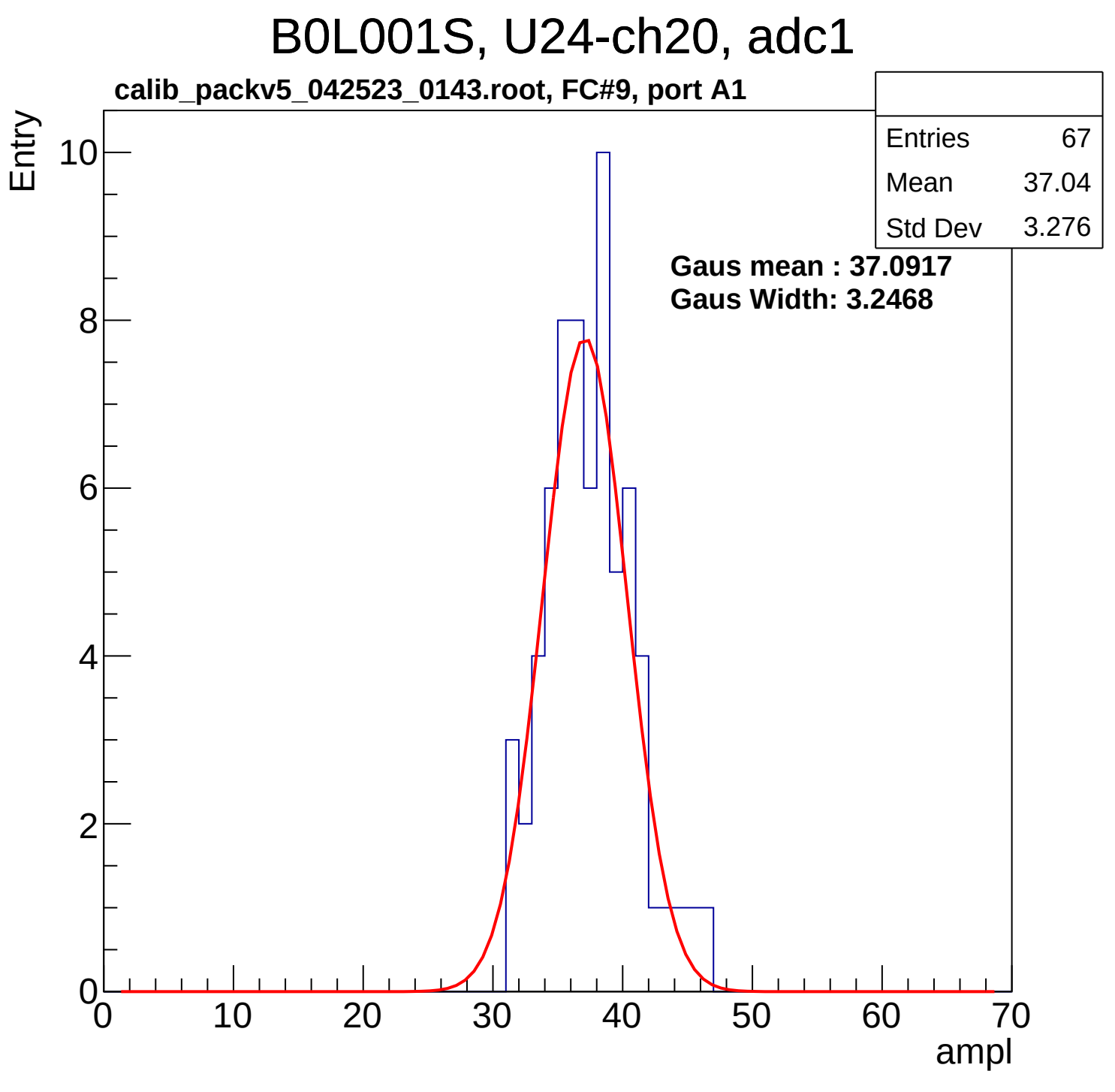
B0L001S, U24-ch20, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.04
Std Dev 3.276
Gaus mean : 37.0917
Gaus Width: 3.2468
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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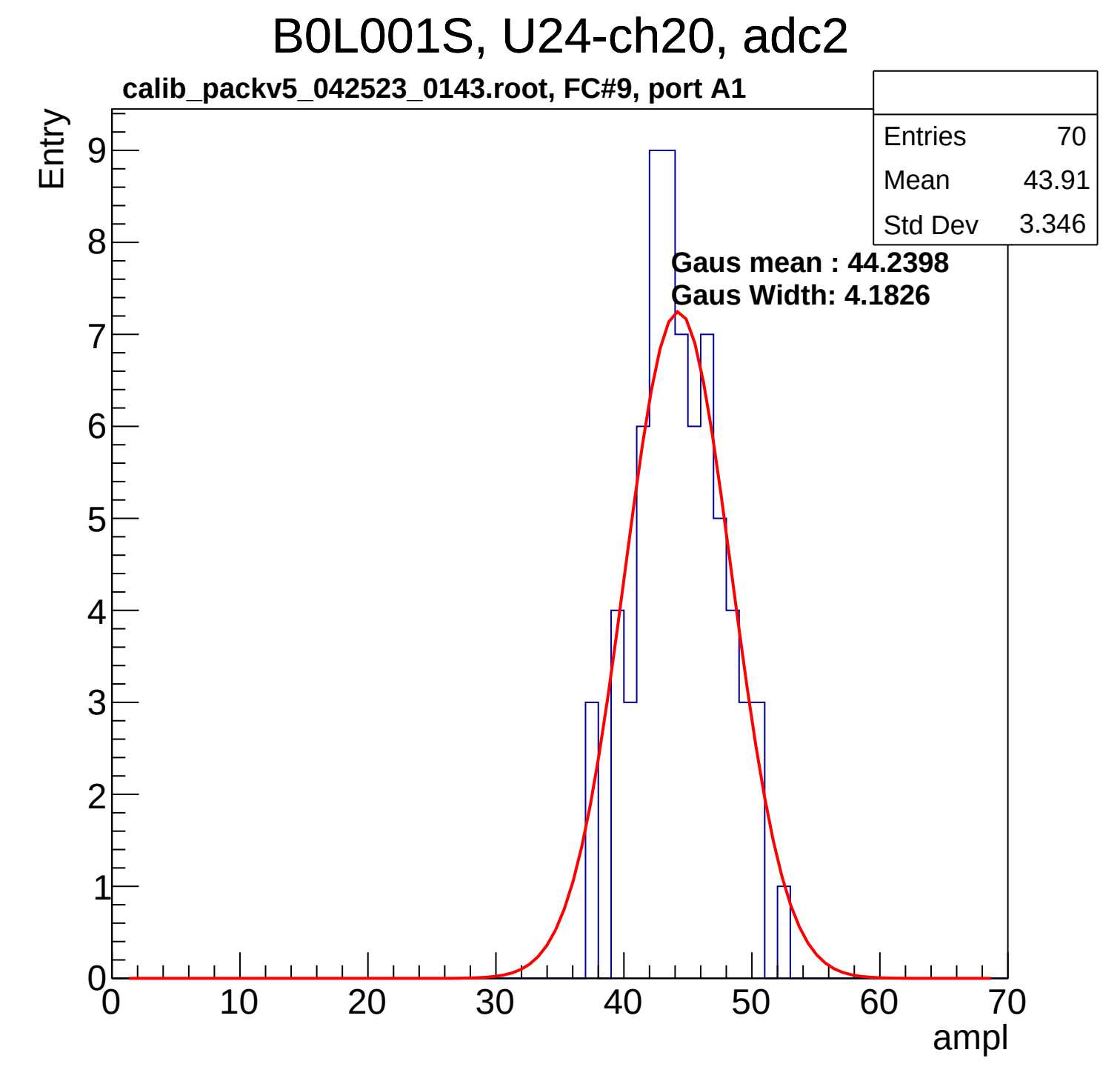
B0L001S, U24-ch20, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 43.91
Std Dev 3.346
Gaus mean : 44.2398
Gaus Width: 4.1826
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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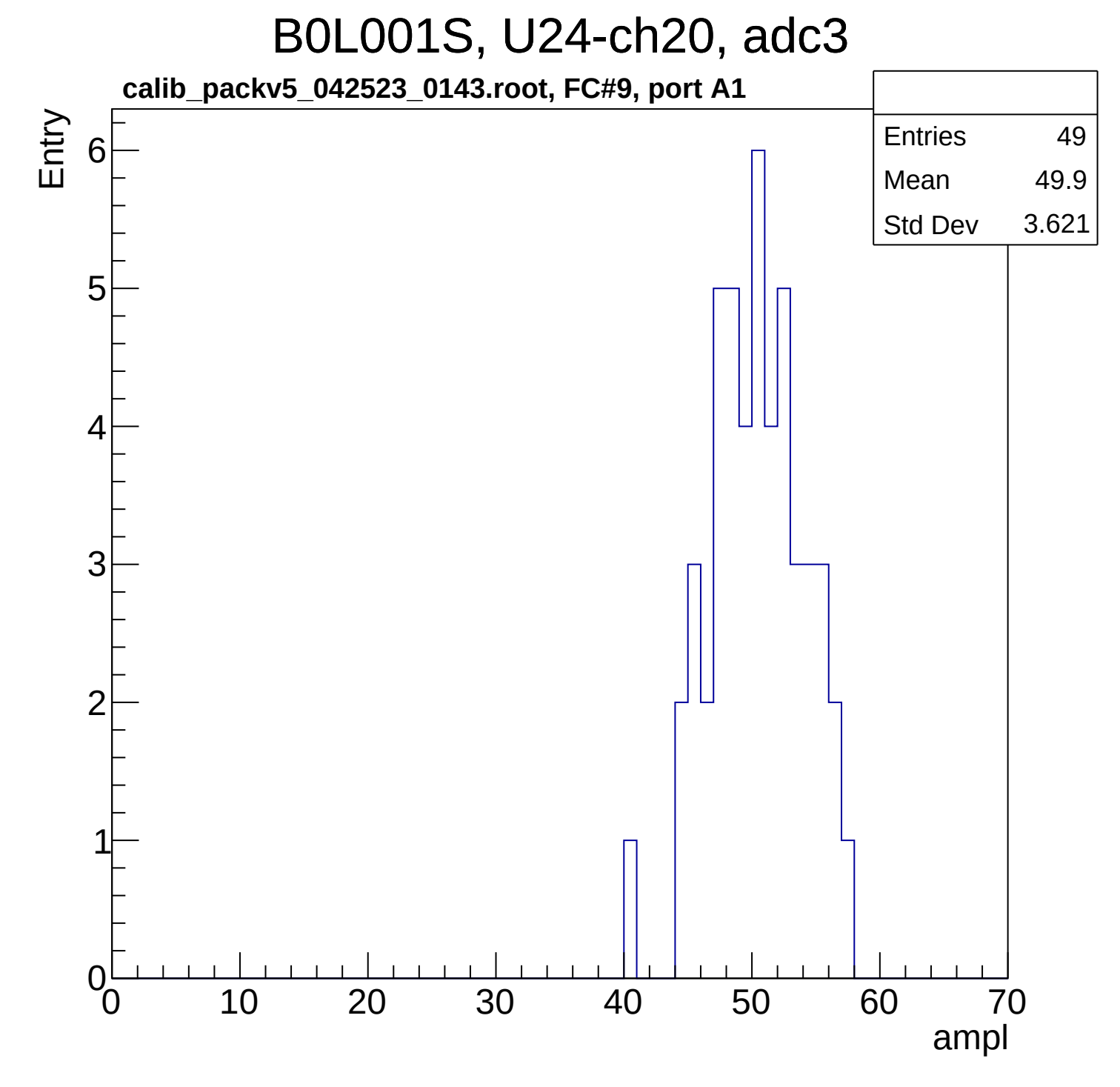
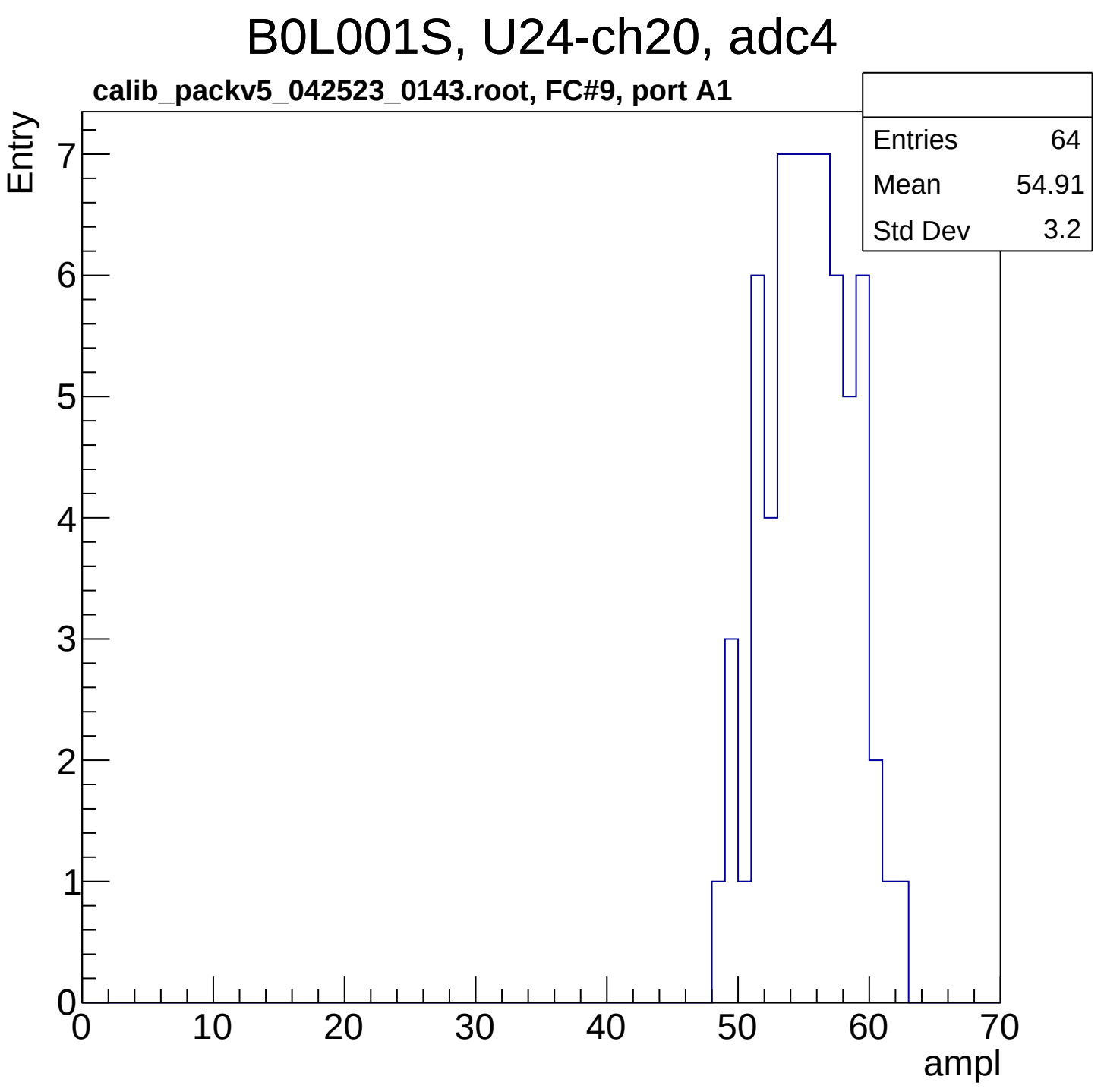
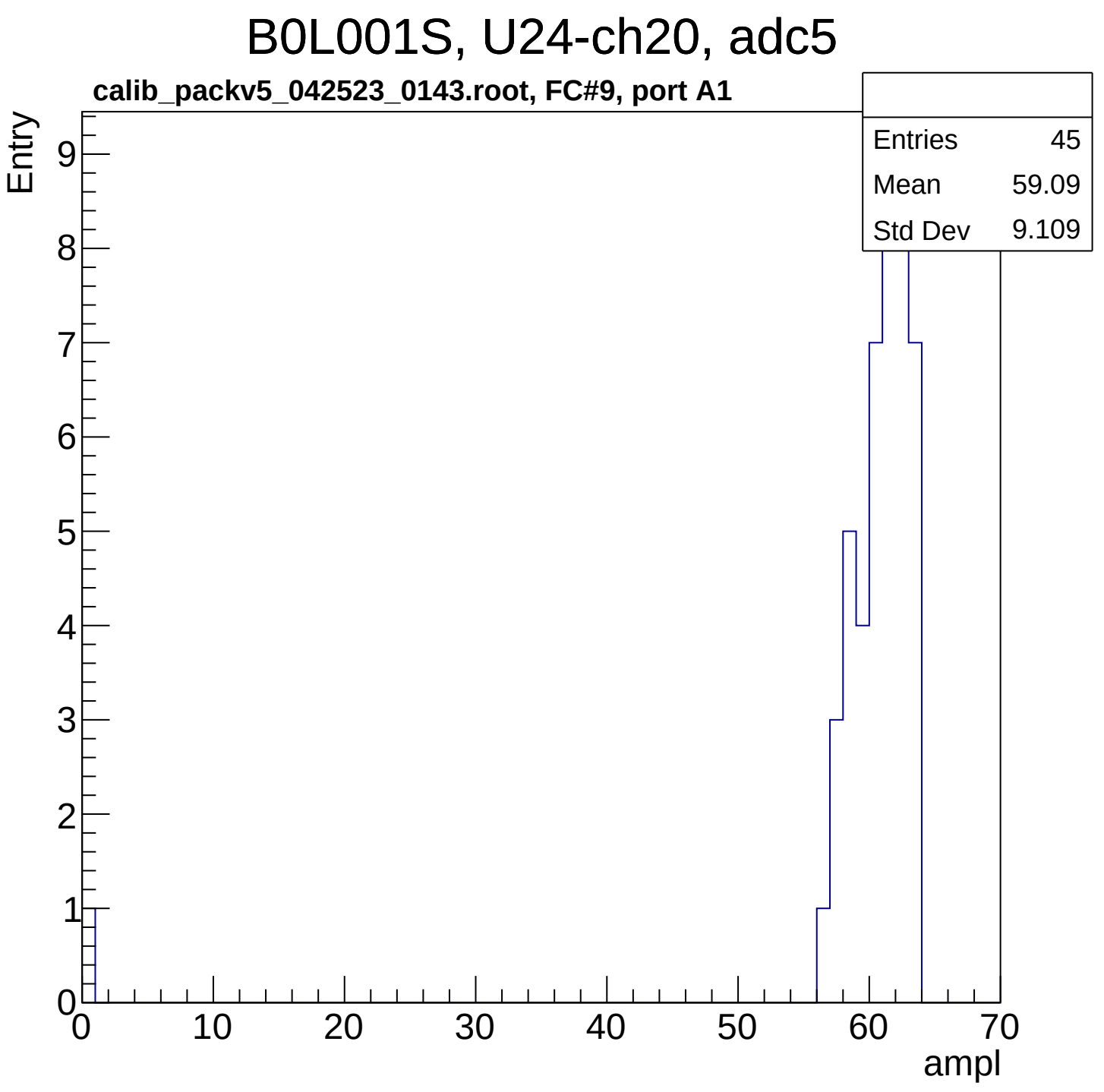

B0L001S, U24-ch20, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 49.9
Std Dev 3.621
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch20, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 54.91
Std Dev 3.2
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch20, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 59.09
Std Dev 9.109
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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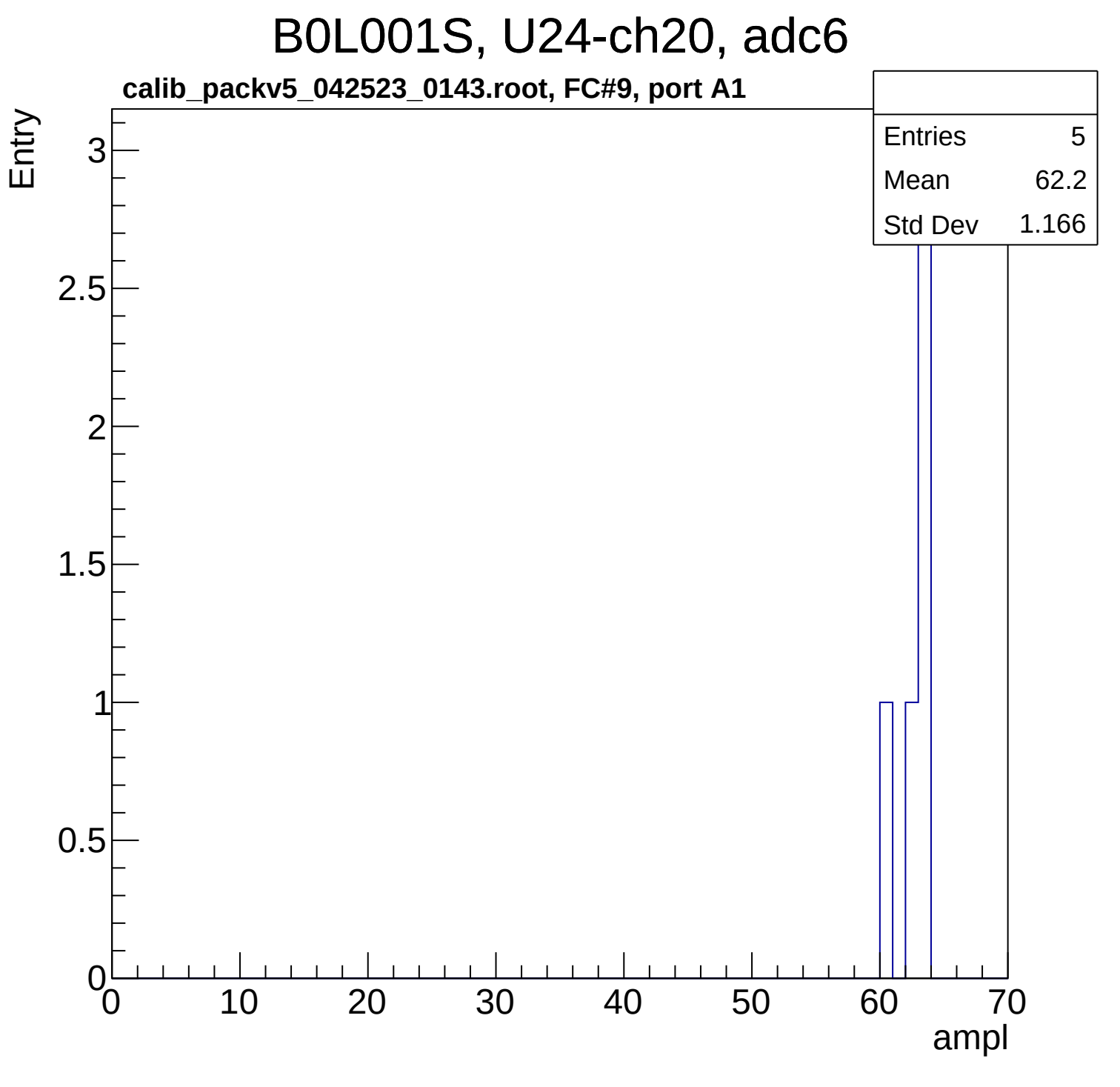
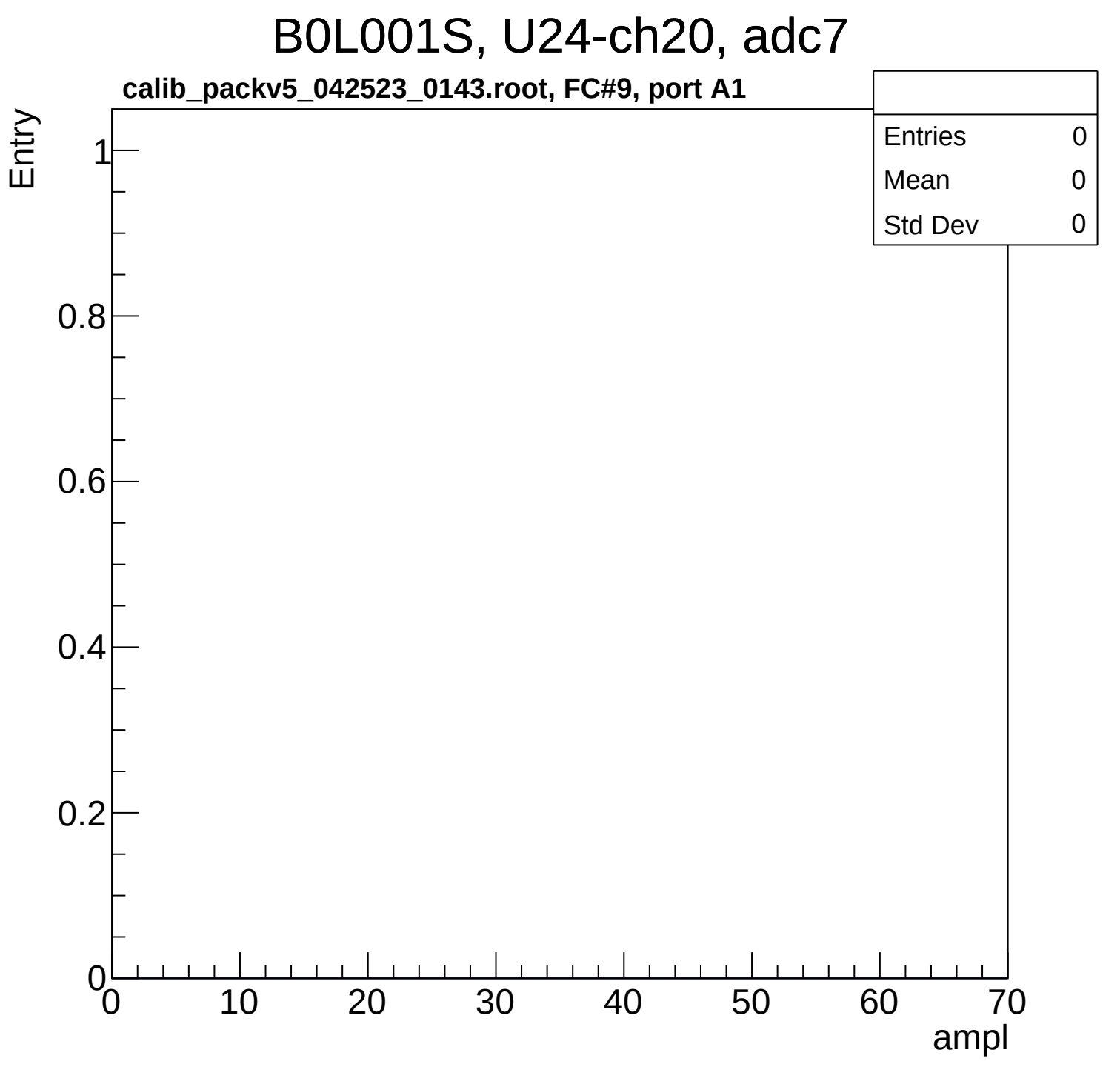
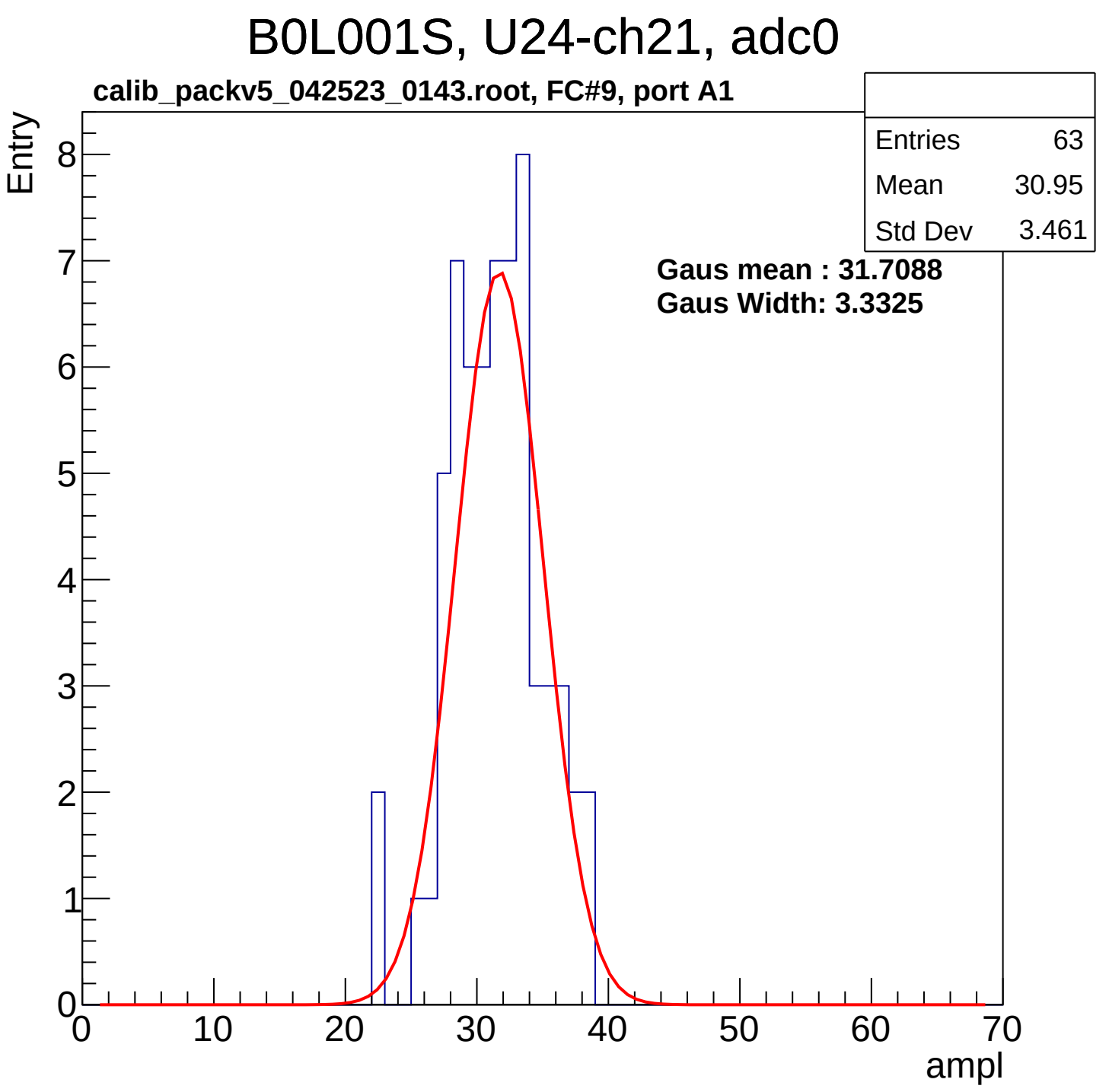
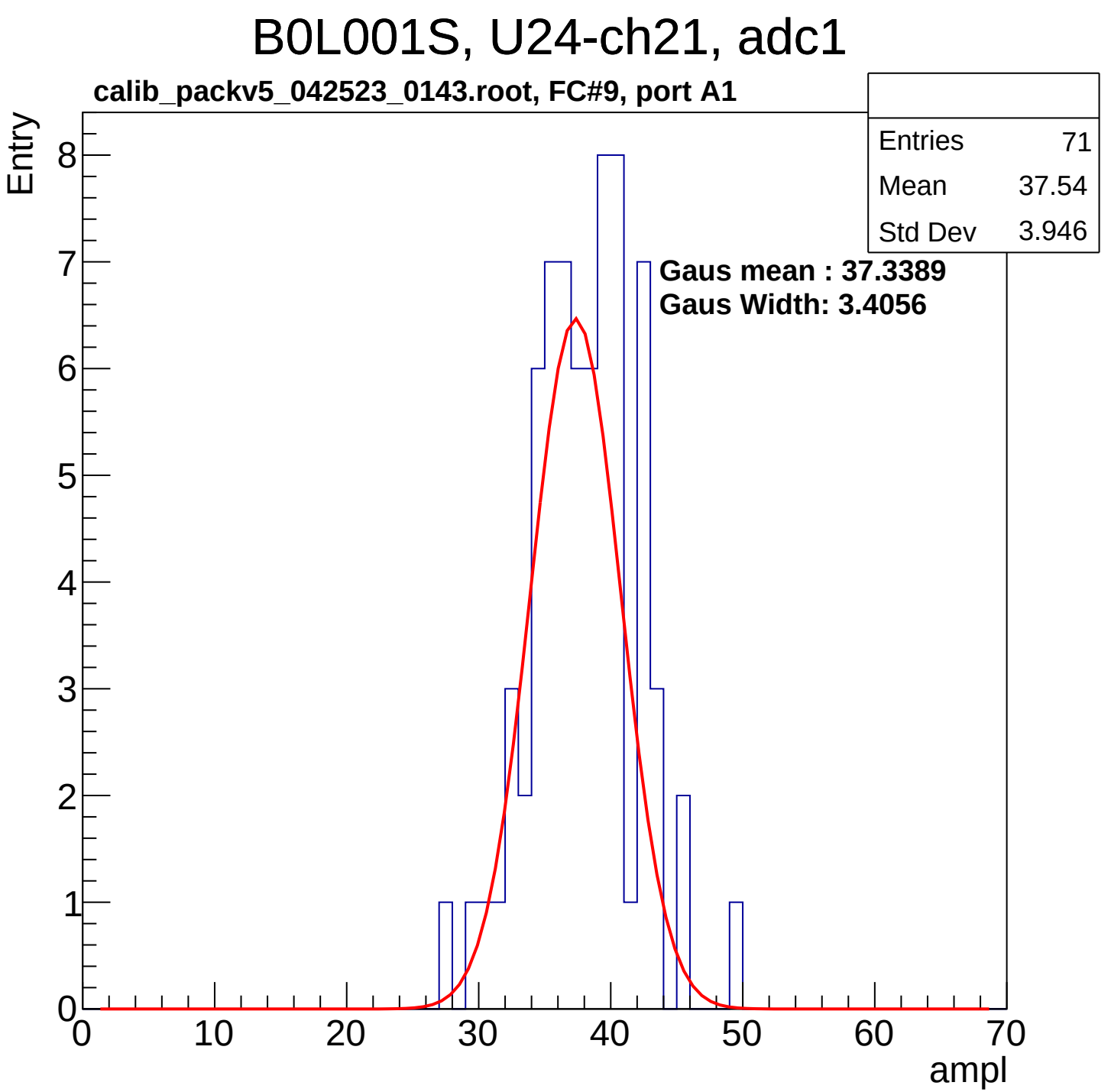

B0L001S, U24-ch20, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 62.2
Std Dev 1.166
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch20, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch21, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 30.95
Std Dev 3.461
Gaus mean : 31.7088
Gaus Width: 3.3325
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch21, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.54
Std Dev 3.946
Gaus mean : 37.3389
Gaus Width: 3.4056
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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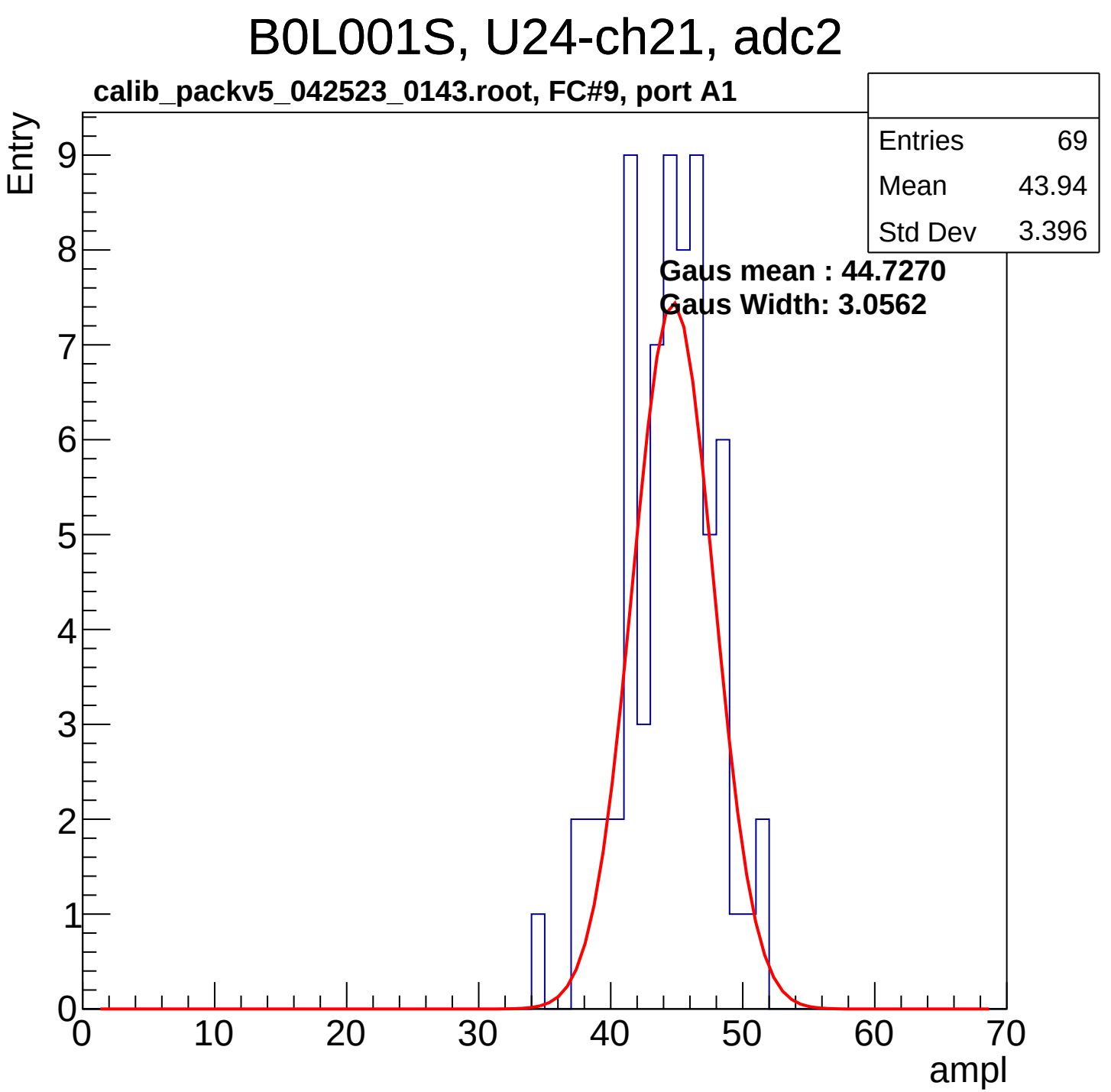
B0L001S, U24-ch21, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 43.94
Std Dev 3.396
Gaus mean : 44.7270
Gaus Width: 3.0562
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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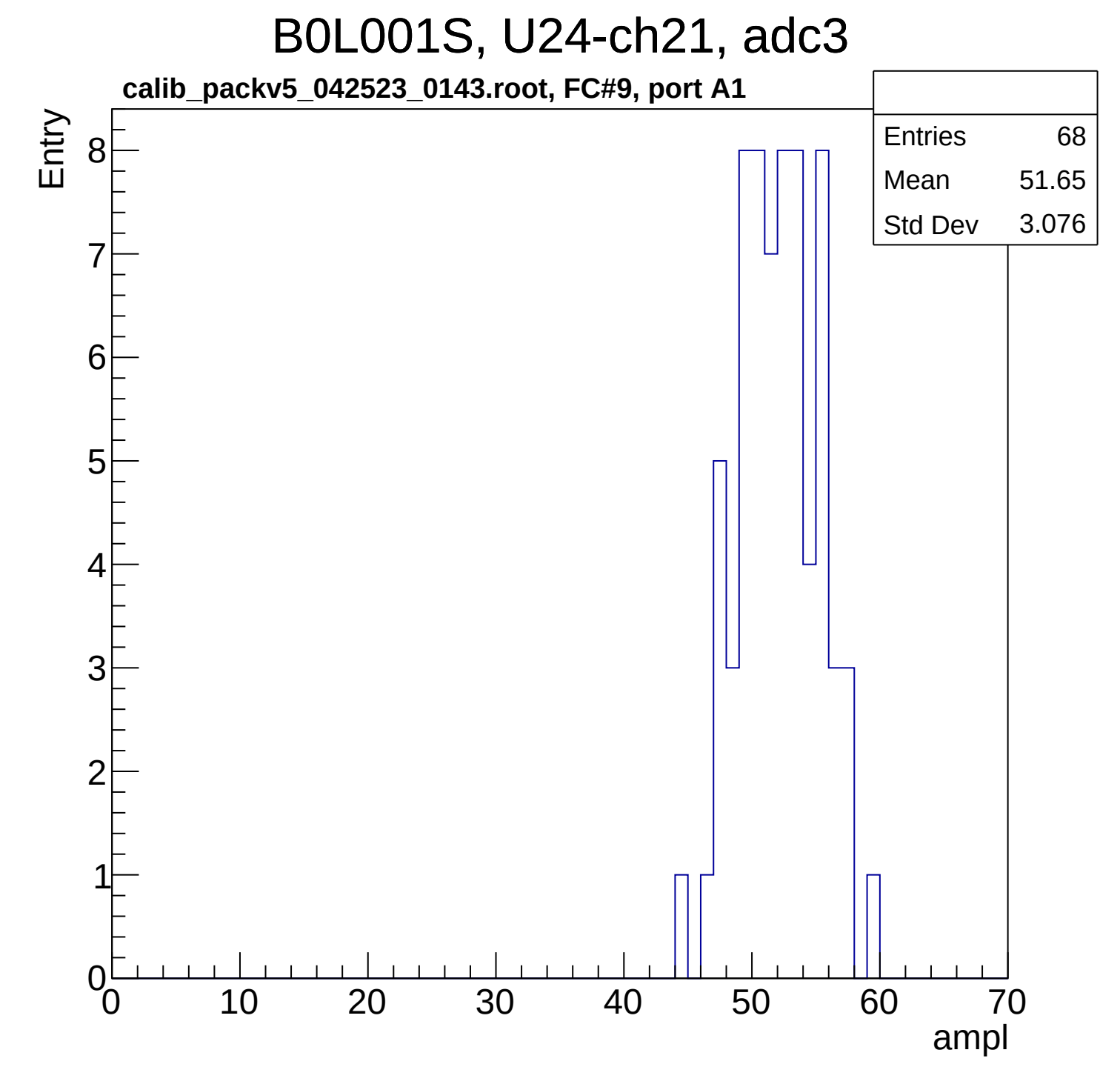
B0L001S, U24-ch21, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 51.65
Std Dev 3.076
Entry
ampl
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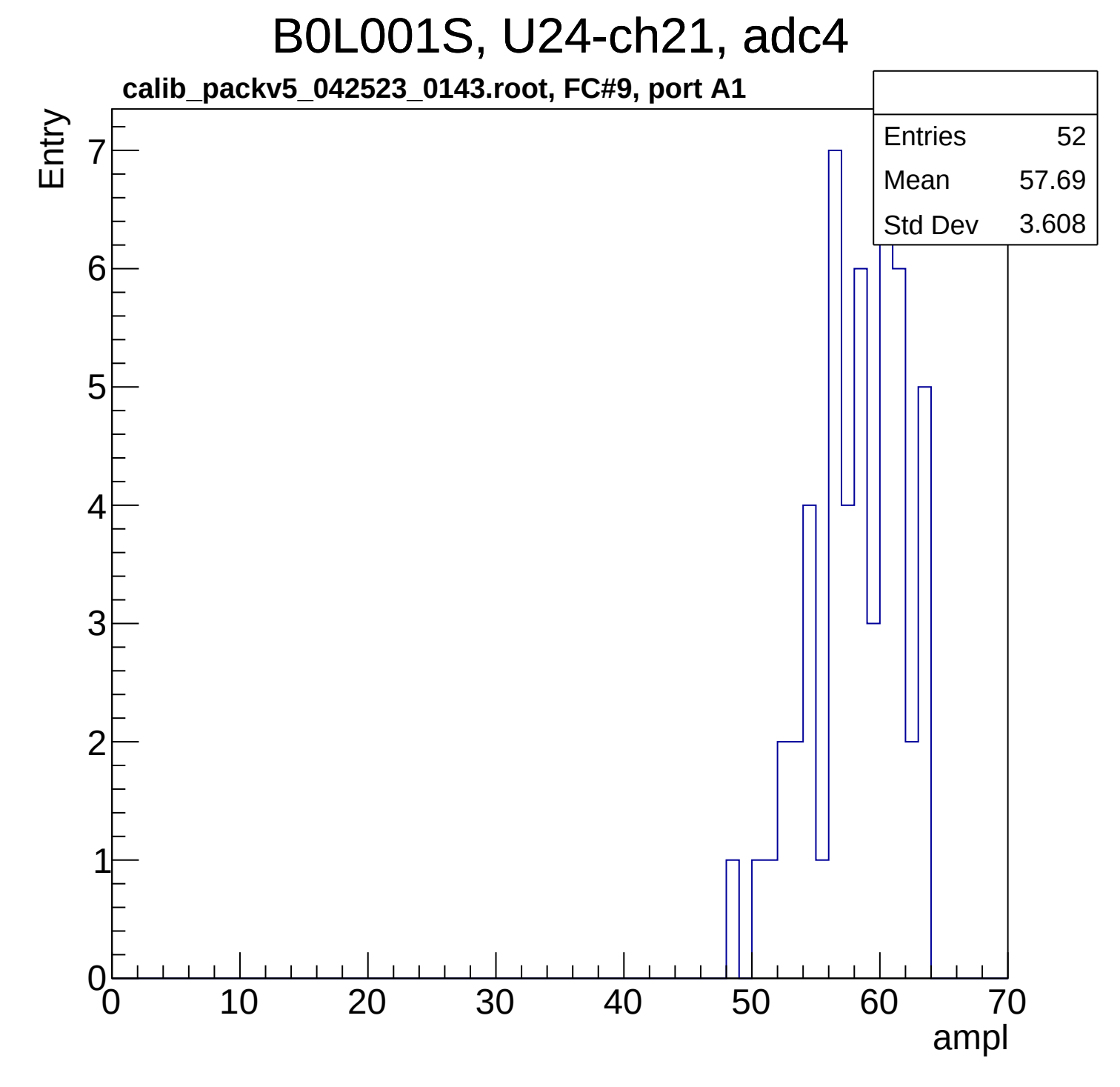
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch21, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 57.69
Std Dev 3.608
Entry
ampl
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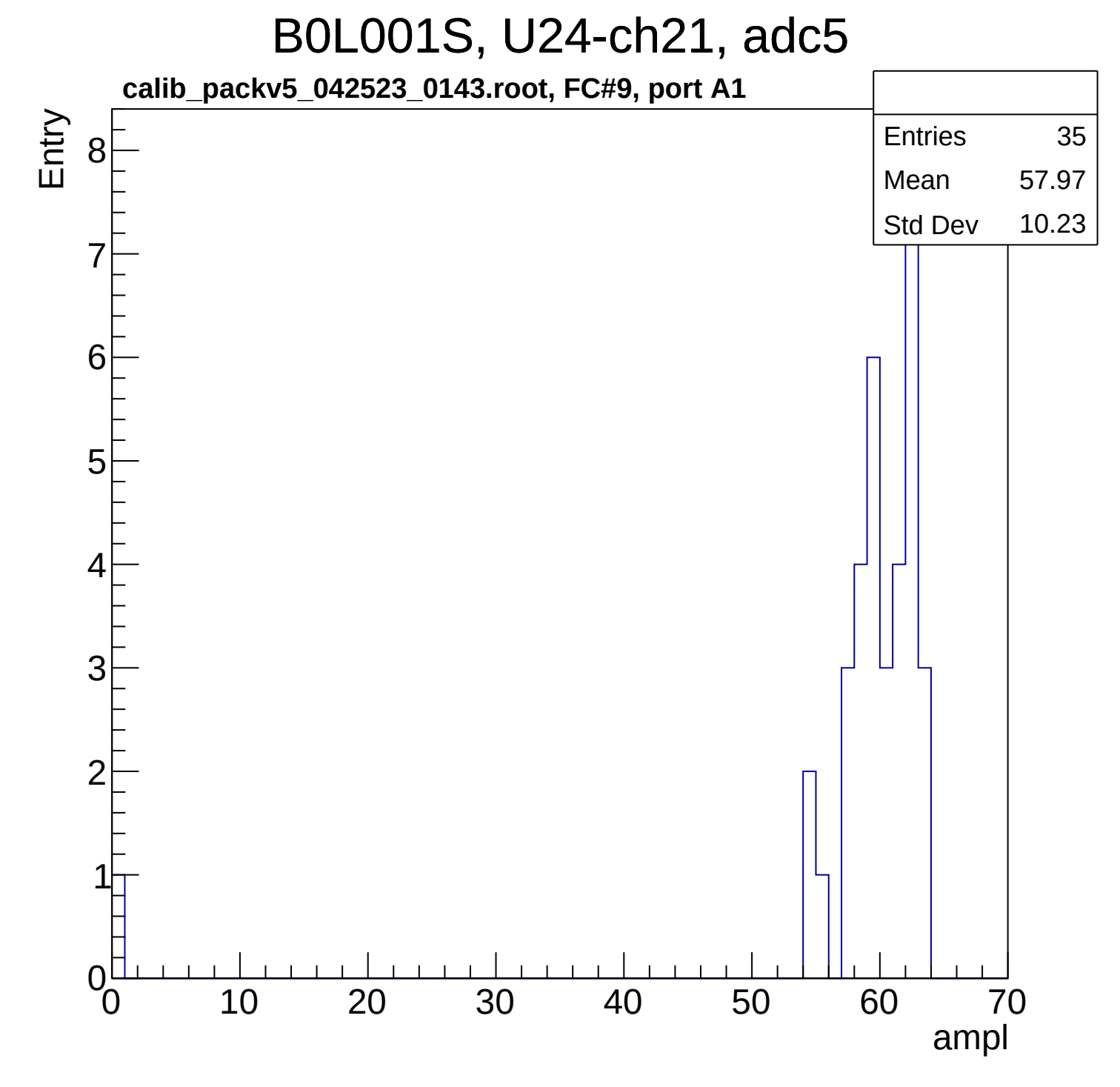
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch21, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 57.97
Std Dev 10.23
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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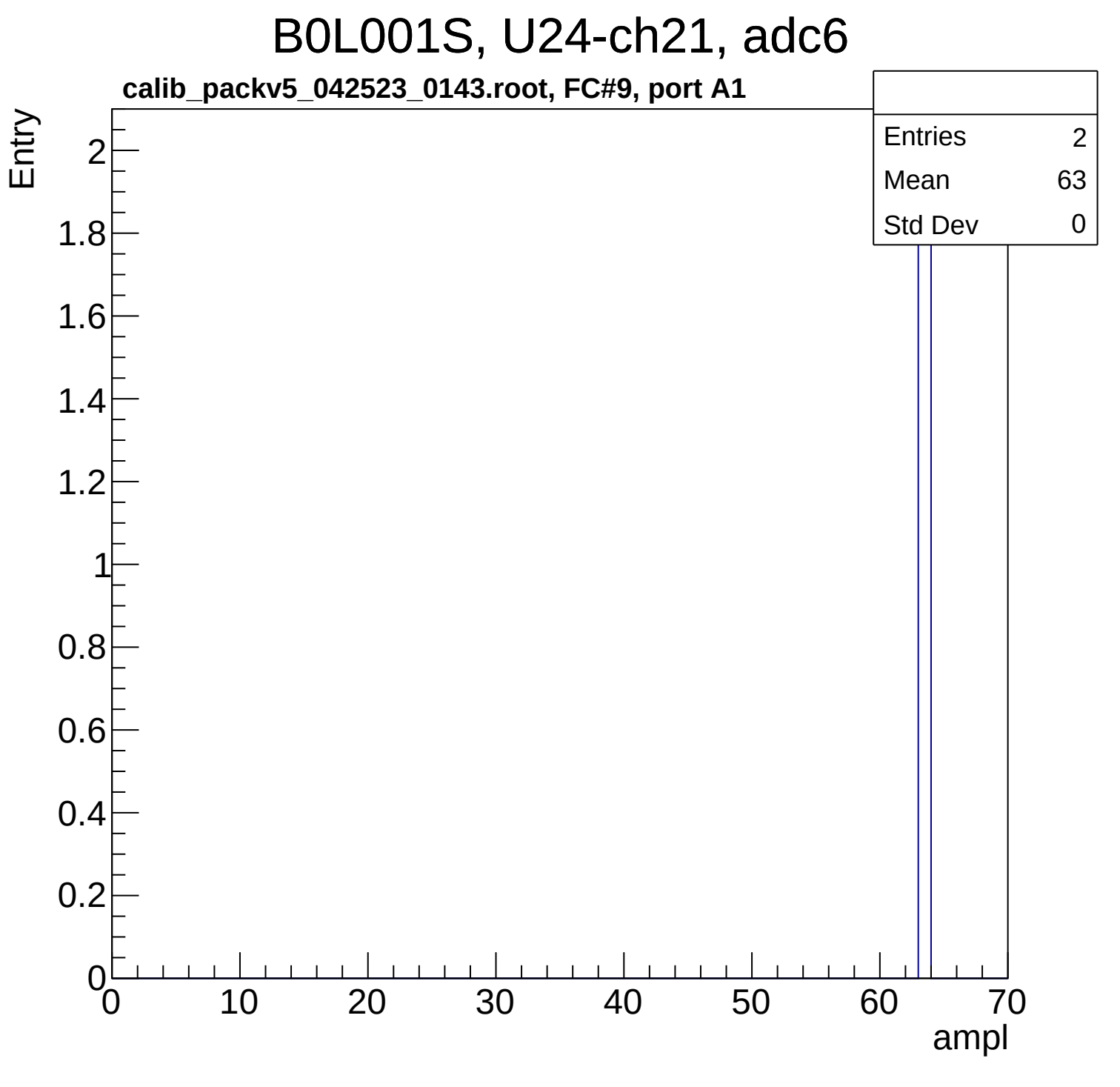
60
70


B0L001S, U24-ch21, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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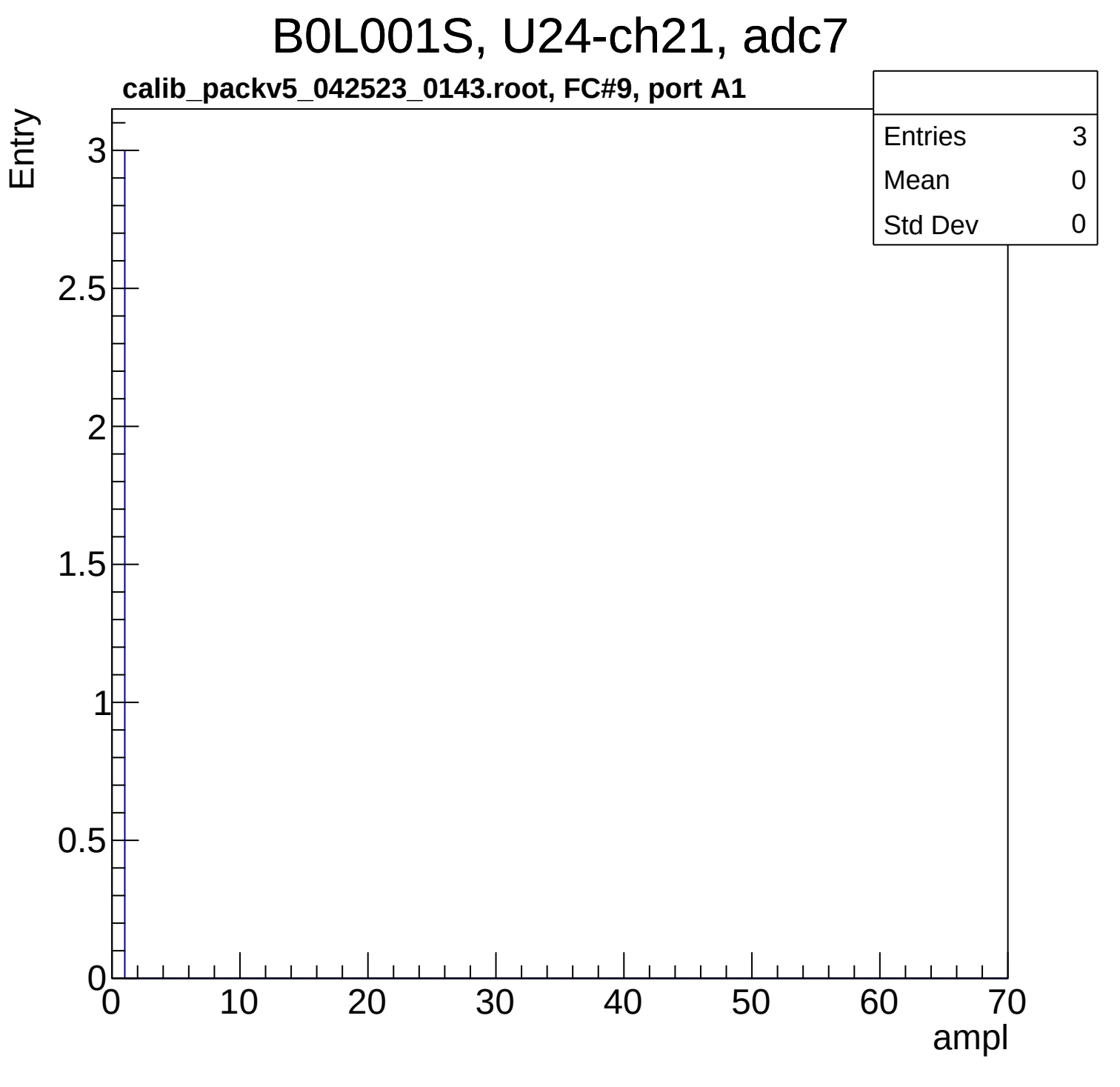
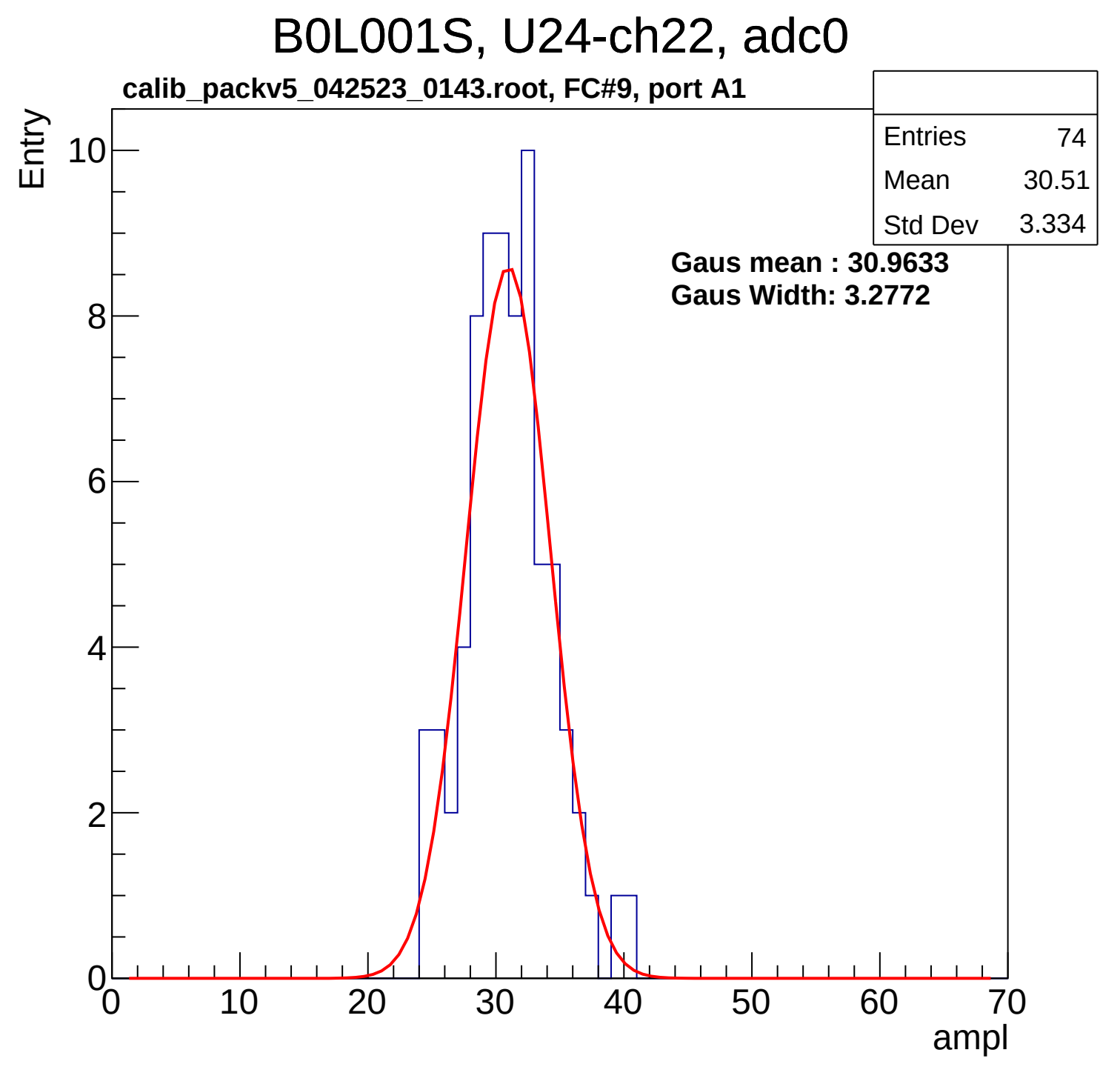
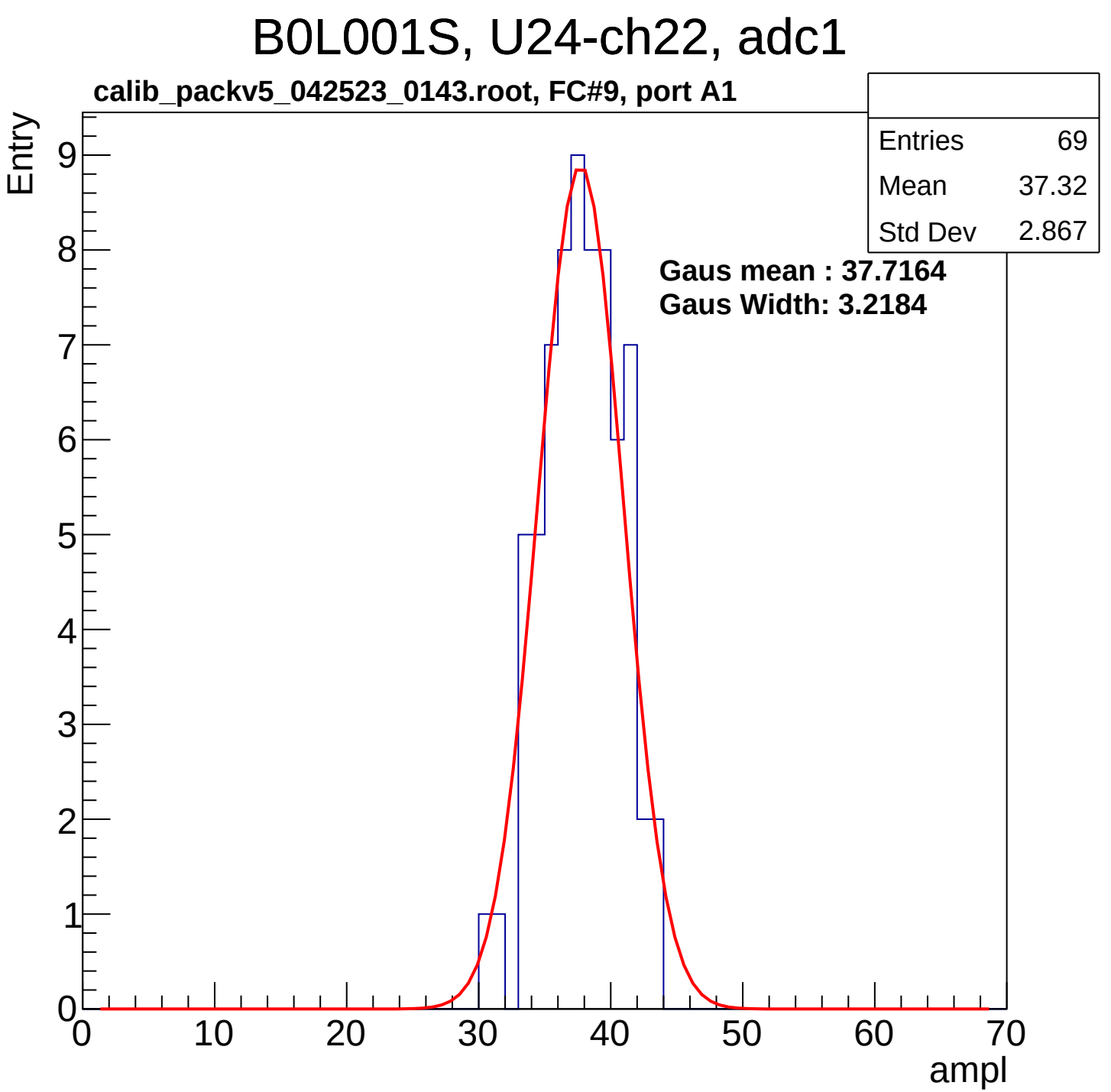
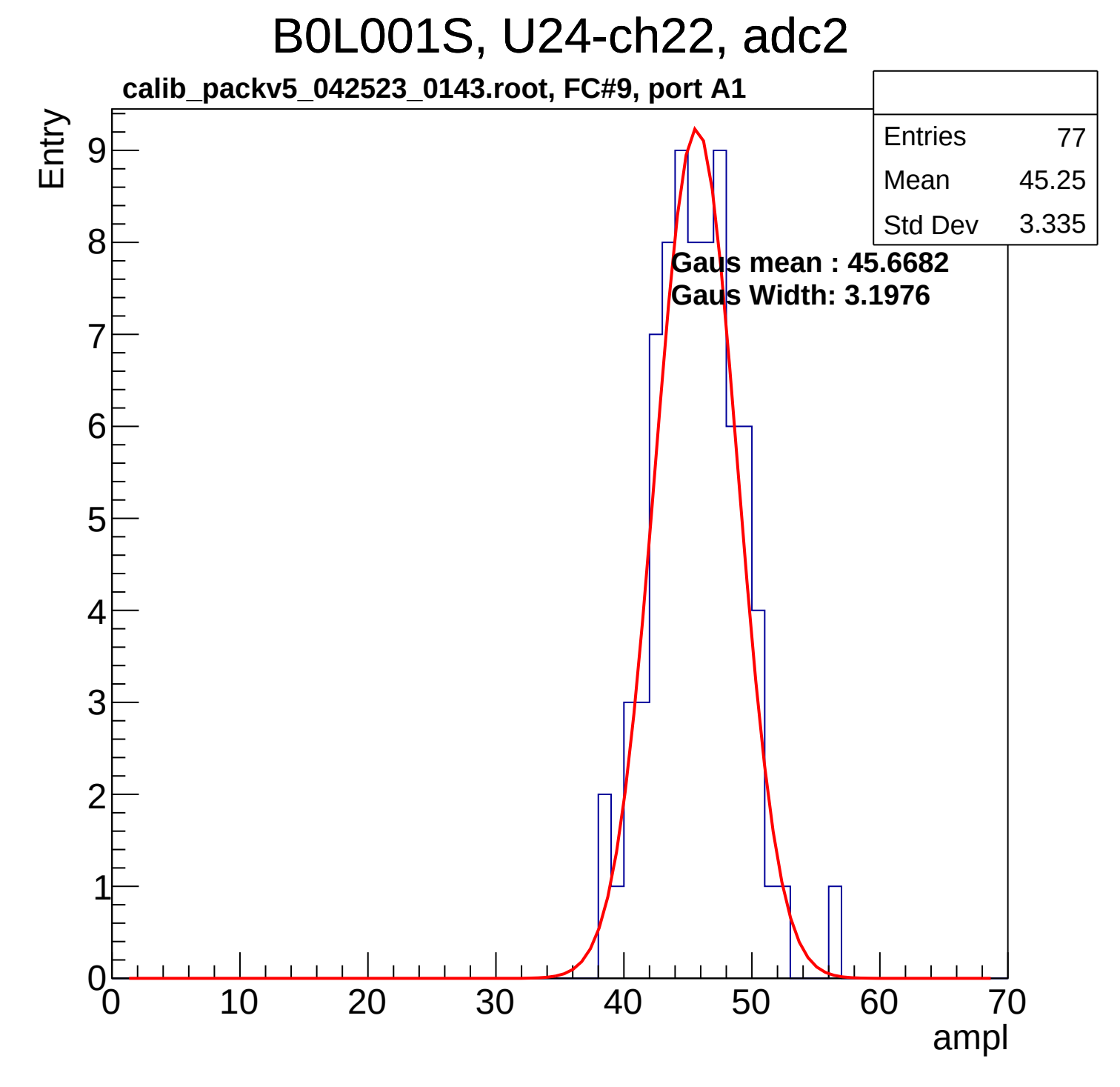
40
50
60
70


B0L001S, U24-ch21, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch22, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 30.51
Std Dev 3.334
Gaus mean : 30.9633
Gaus Width: 3.2772
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch22, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 37.32
Std Dev 2.867
Gaus mean : 37.7164
Gaus Width: 3.2184
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch22, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 45.25
Std Dev 3.335
Gaus mean : 45.6682
Gaus Width: 3.1976
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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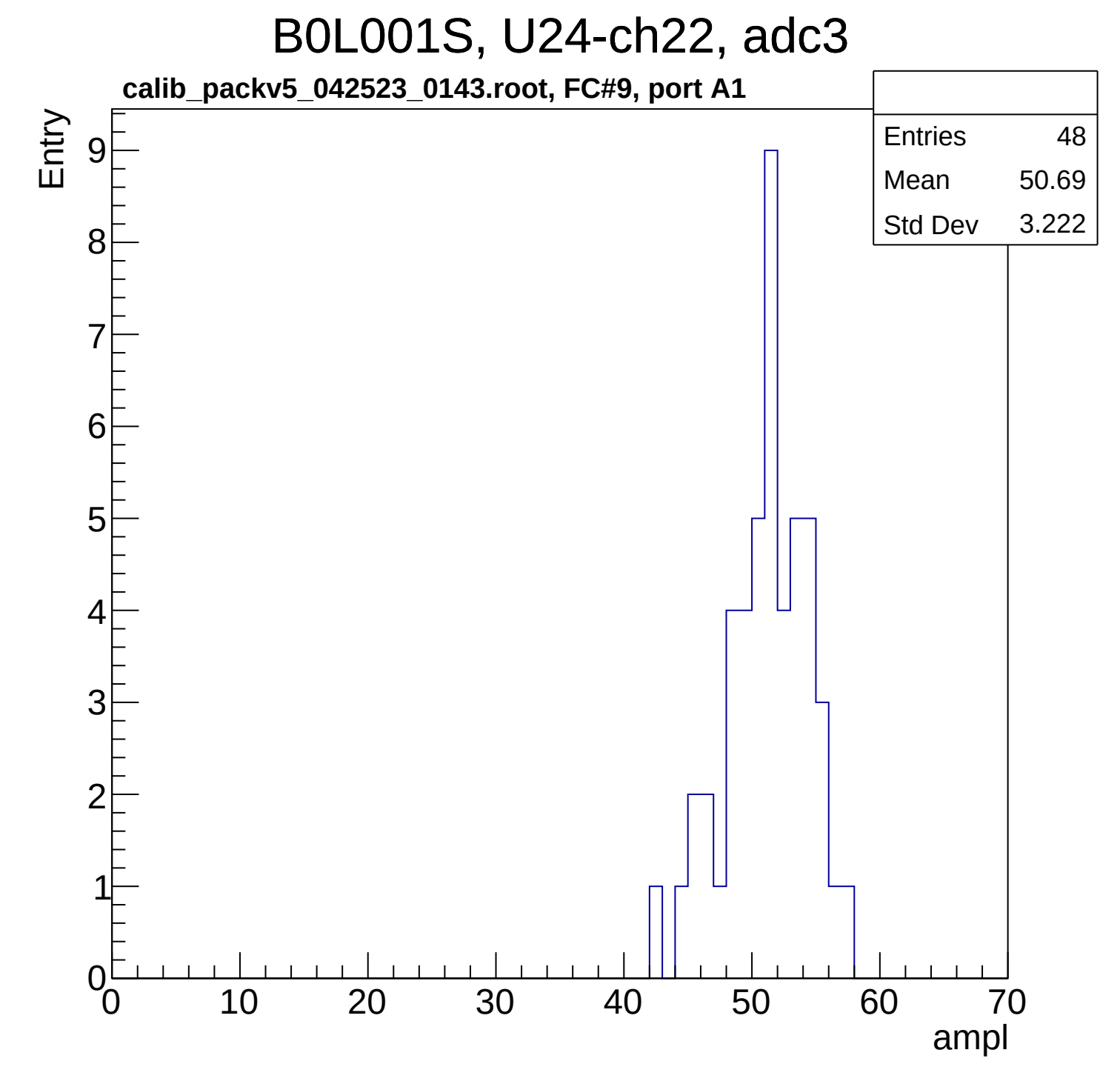
B0L001S, U24-ch22, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 50.69
Std Dev 3.222
Entry
ampl
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2
3
4
5
6
7
8
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0
10
20
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40
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60
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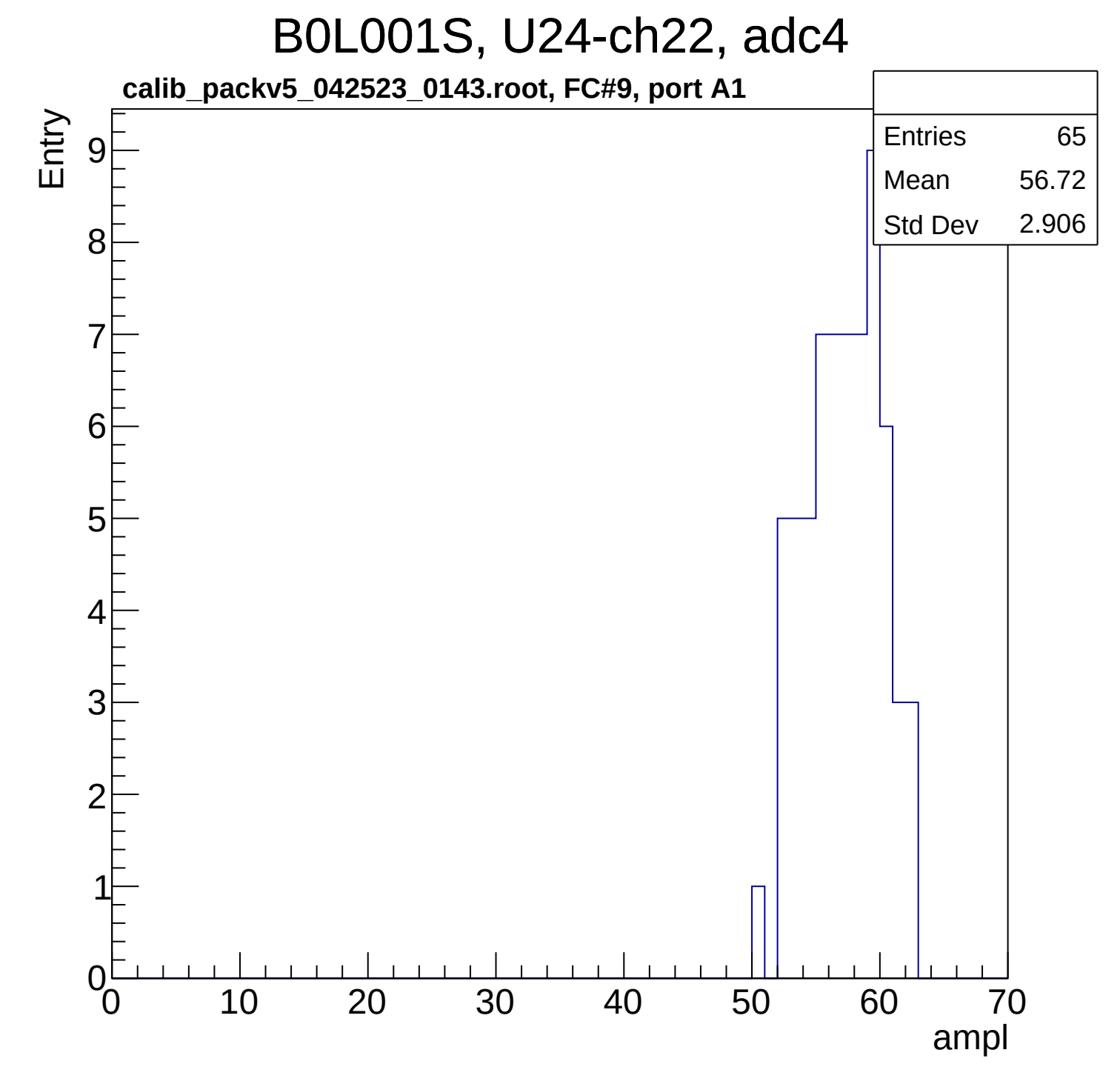
B0L001S, U24-ch22, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 56.72
Std Dev 2.906
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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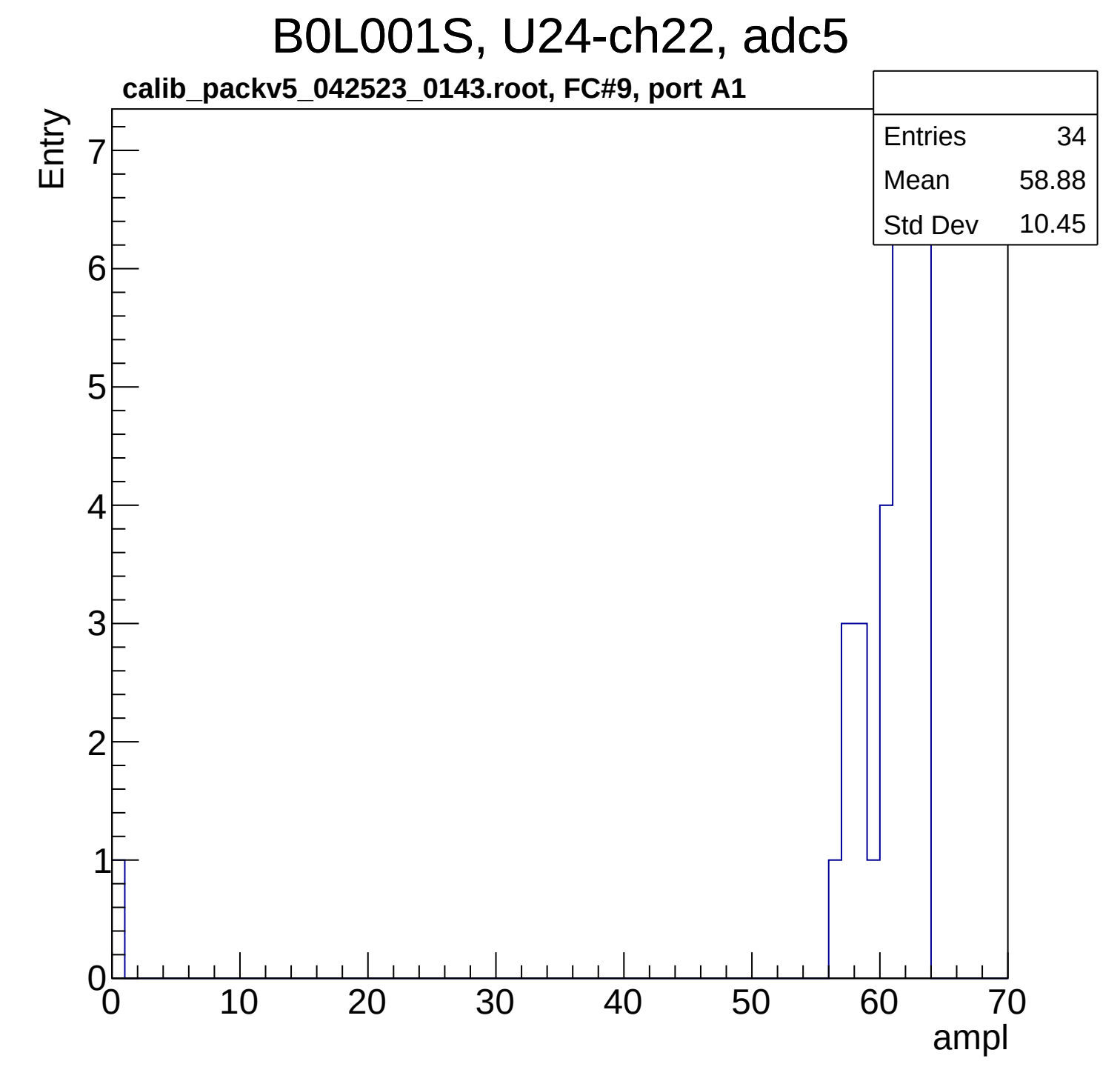
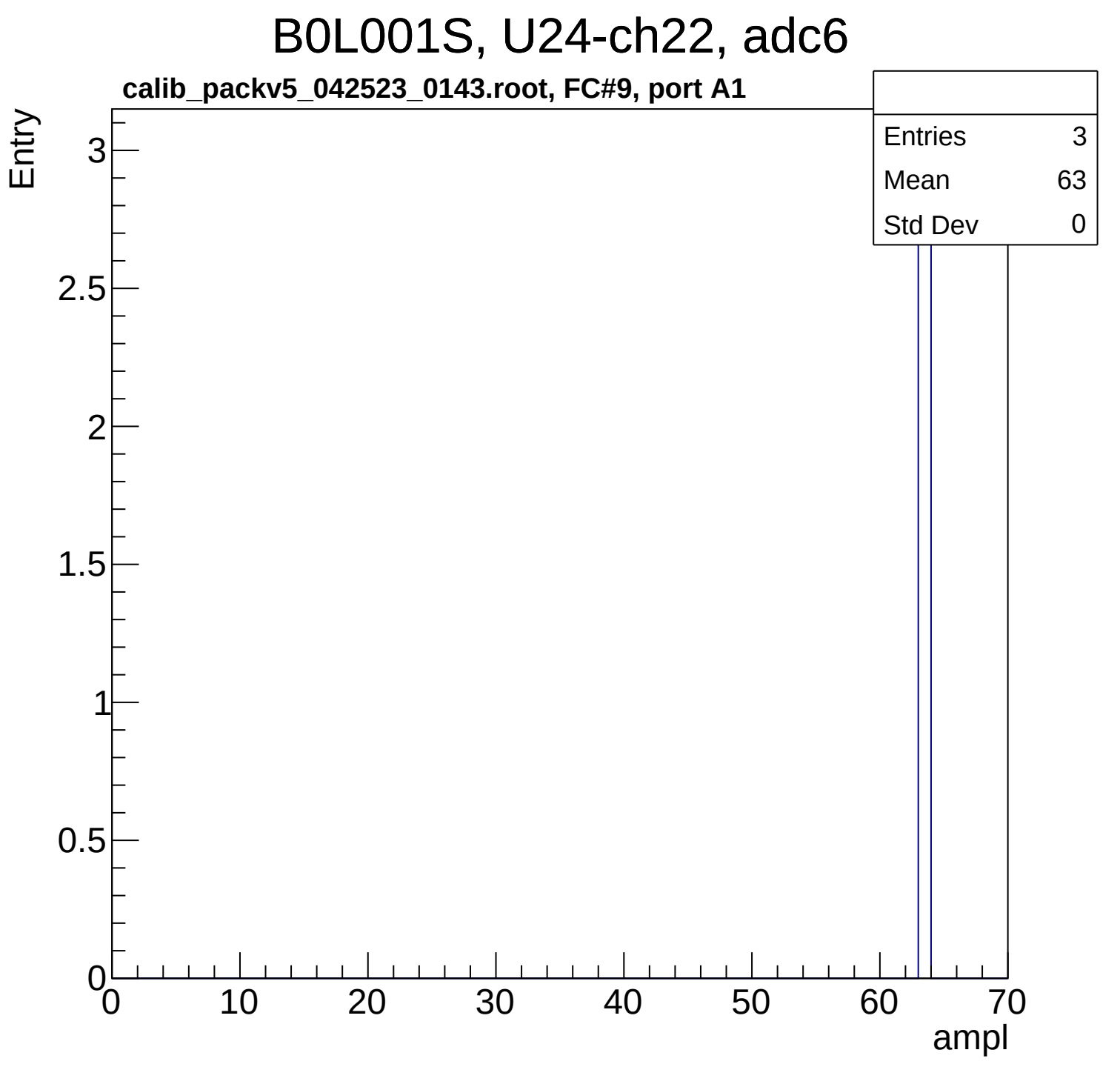
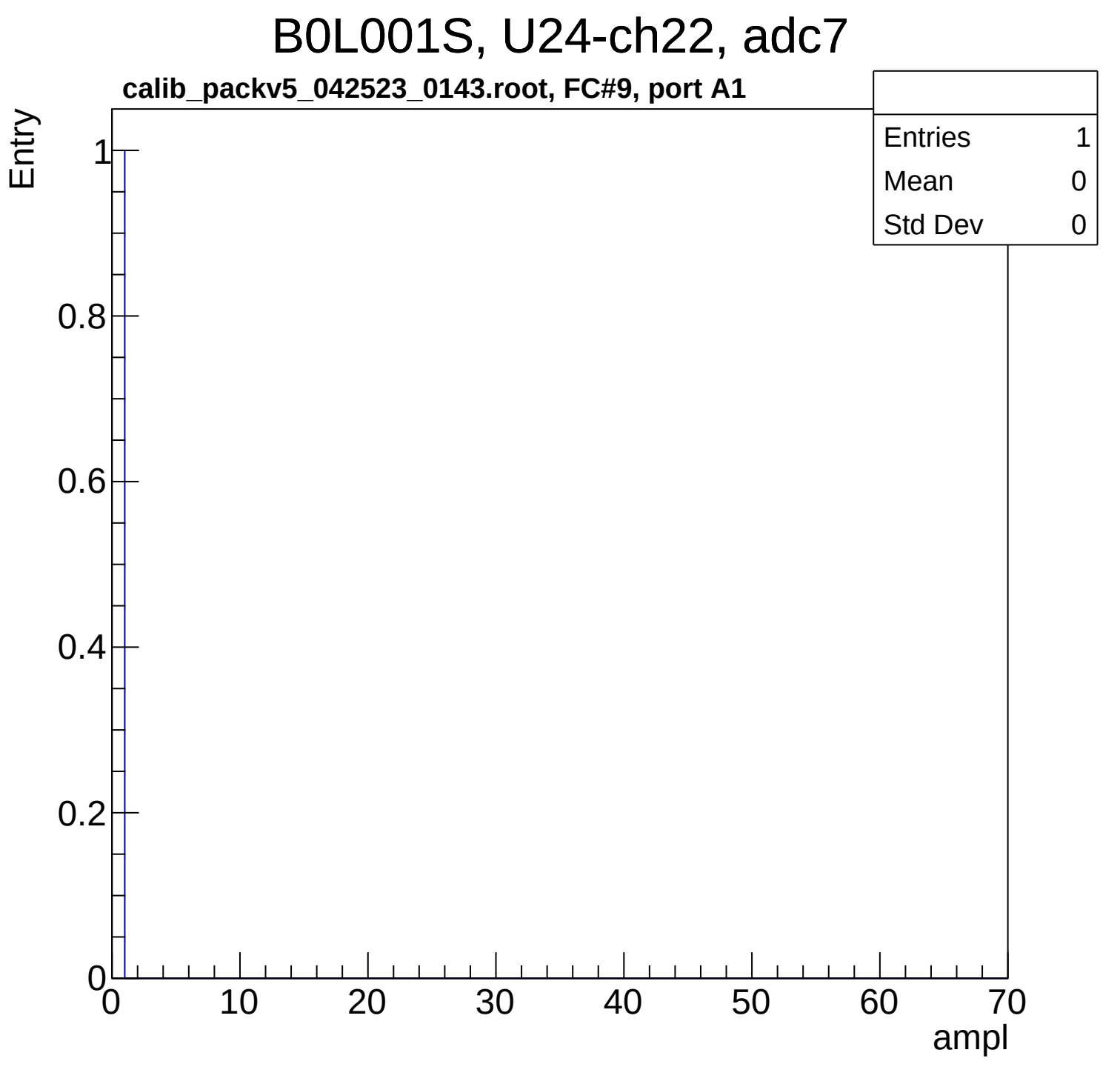

B0L001S, U24-ch22, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 58.88
Std Dev 10.45
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch22, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch22, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
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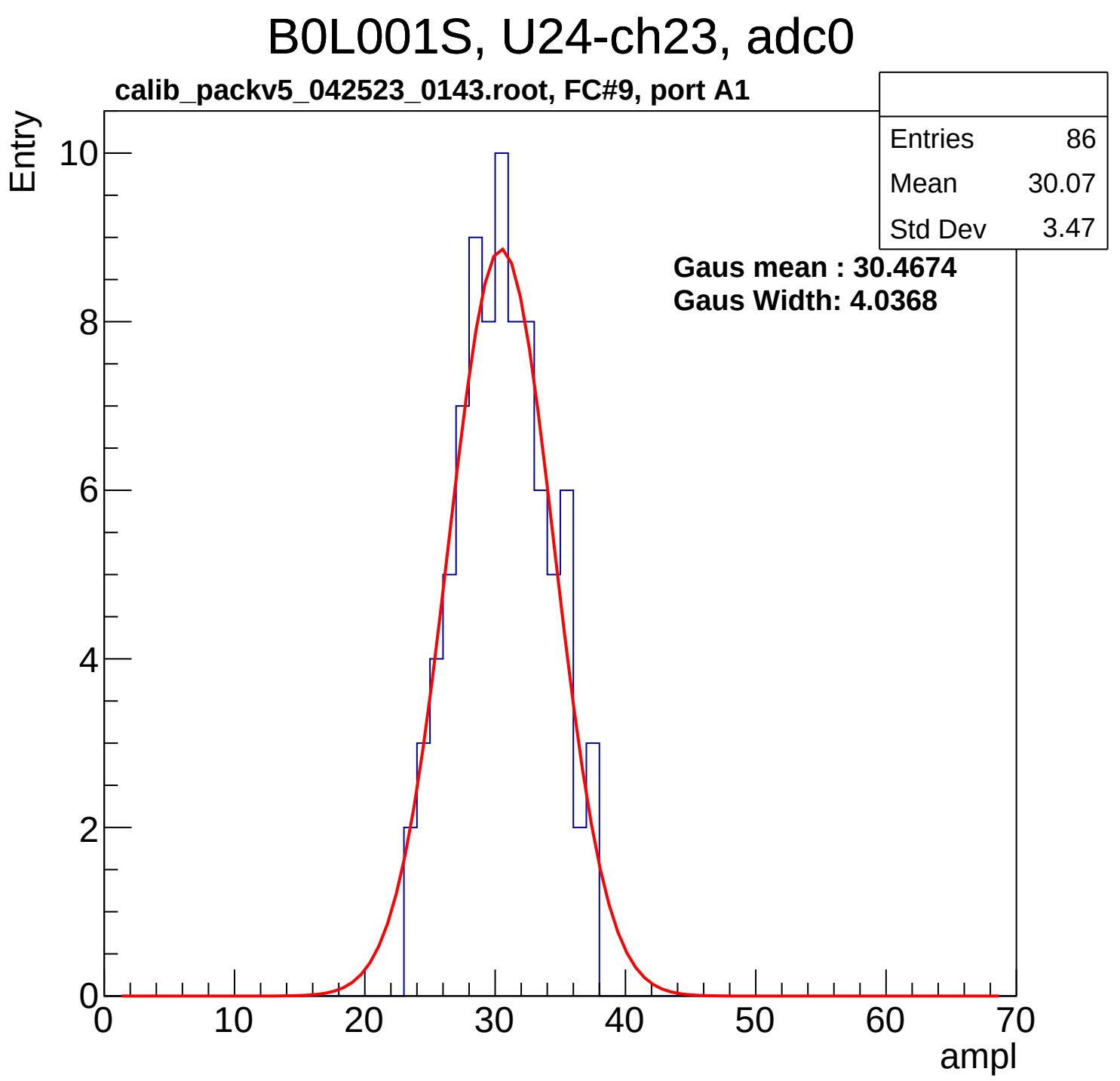
40
50
60
70
ampl


B0L001S, U24-ch23, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 86
Mean 30.07
Std Dev 3.47
Gaus mean : 30.4674
Gaus Width: 4.0368
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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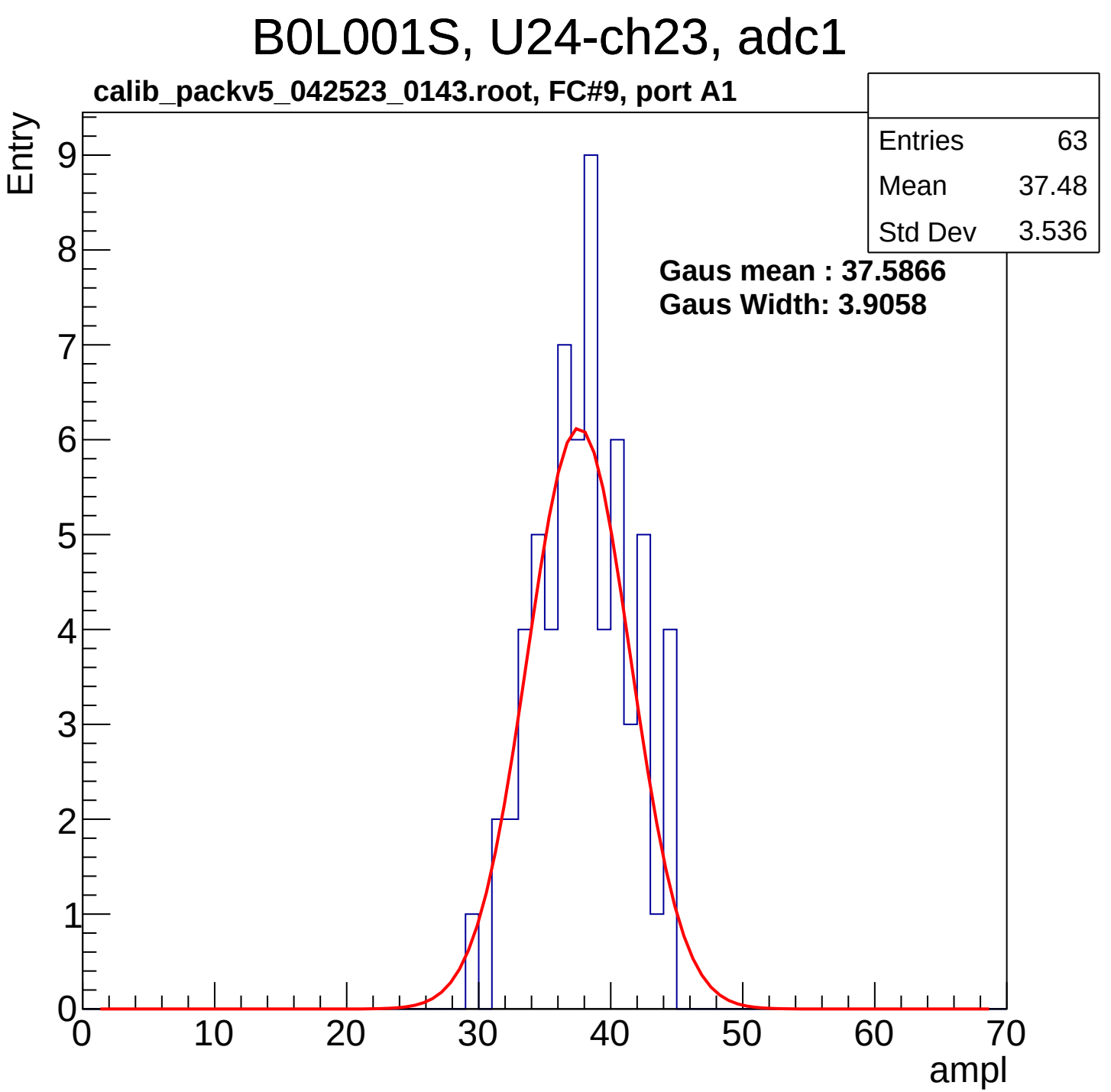
B0L001S, U24-ch23, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 37.48
Std Dev 3.536
Gaus mean : 37.5866
Gaus Width: 3.9058
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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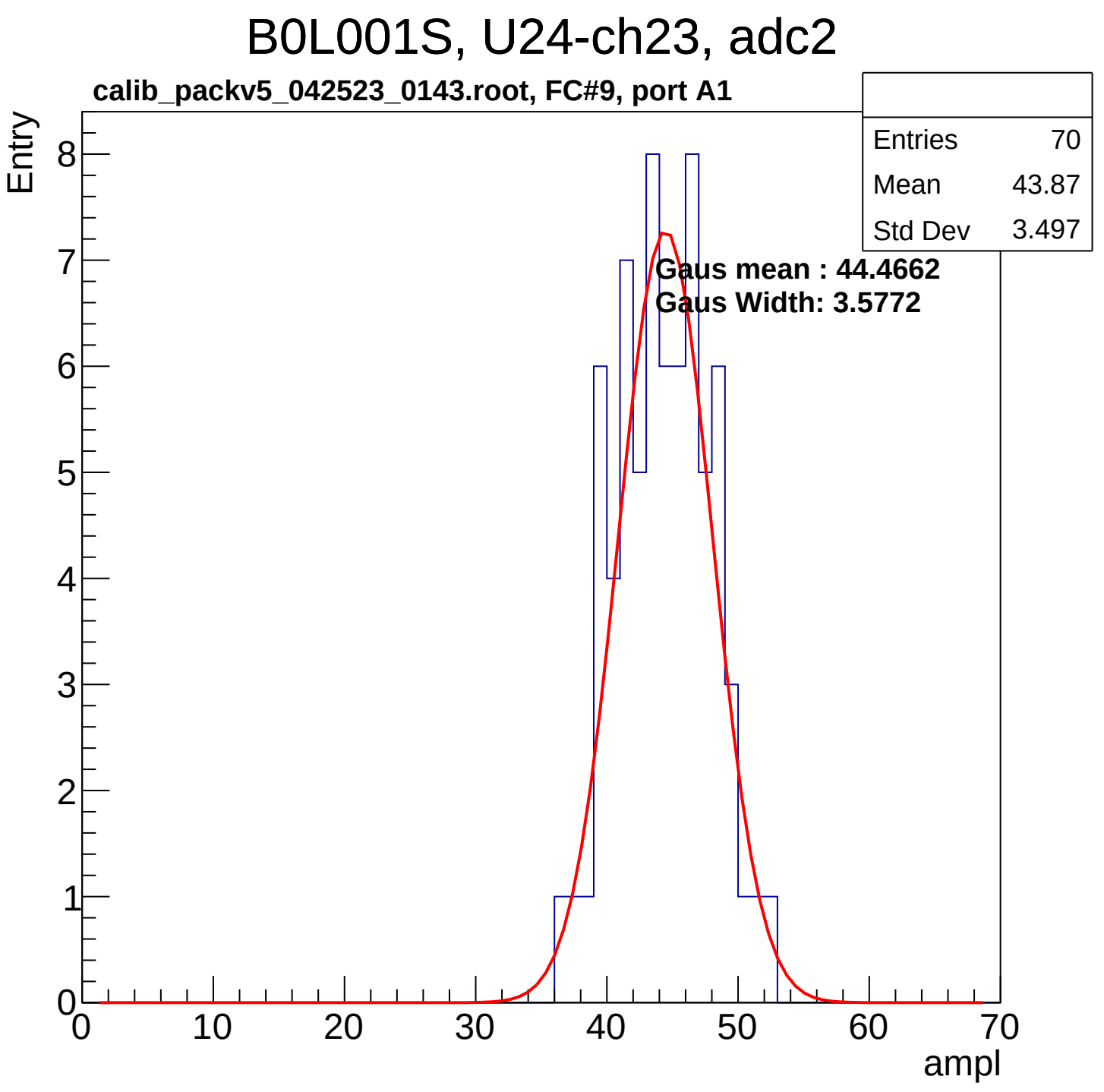
B0L001S, U24-ch23, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 43.87
Std Dev 3.497
Gaus mean : 44.4662
Gaus Width: 3.5772
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
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60
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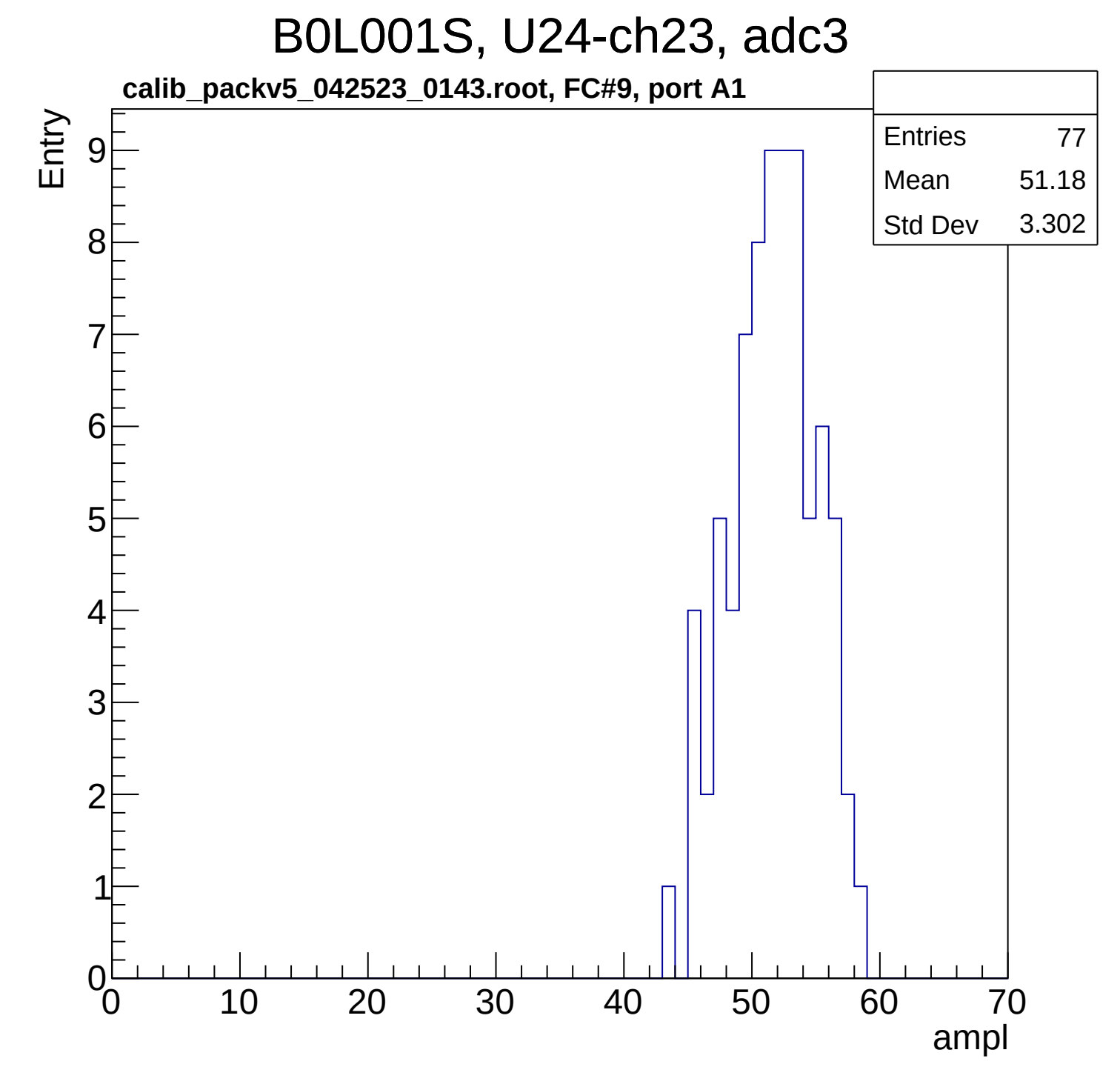
B0L001S, U24-ch23, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 51.18
Std Dev 3.302
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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60
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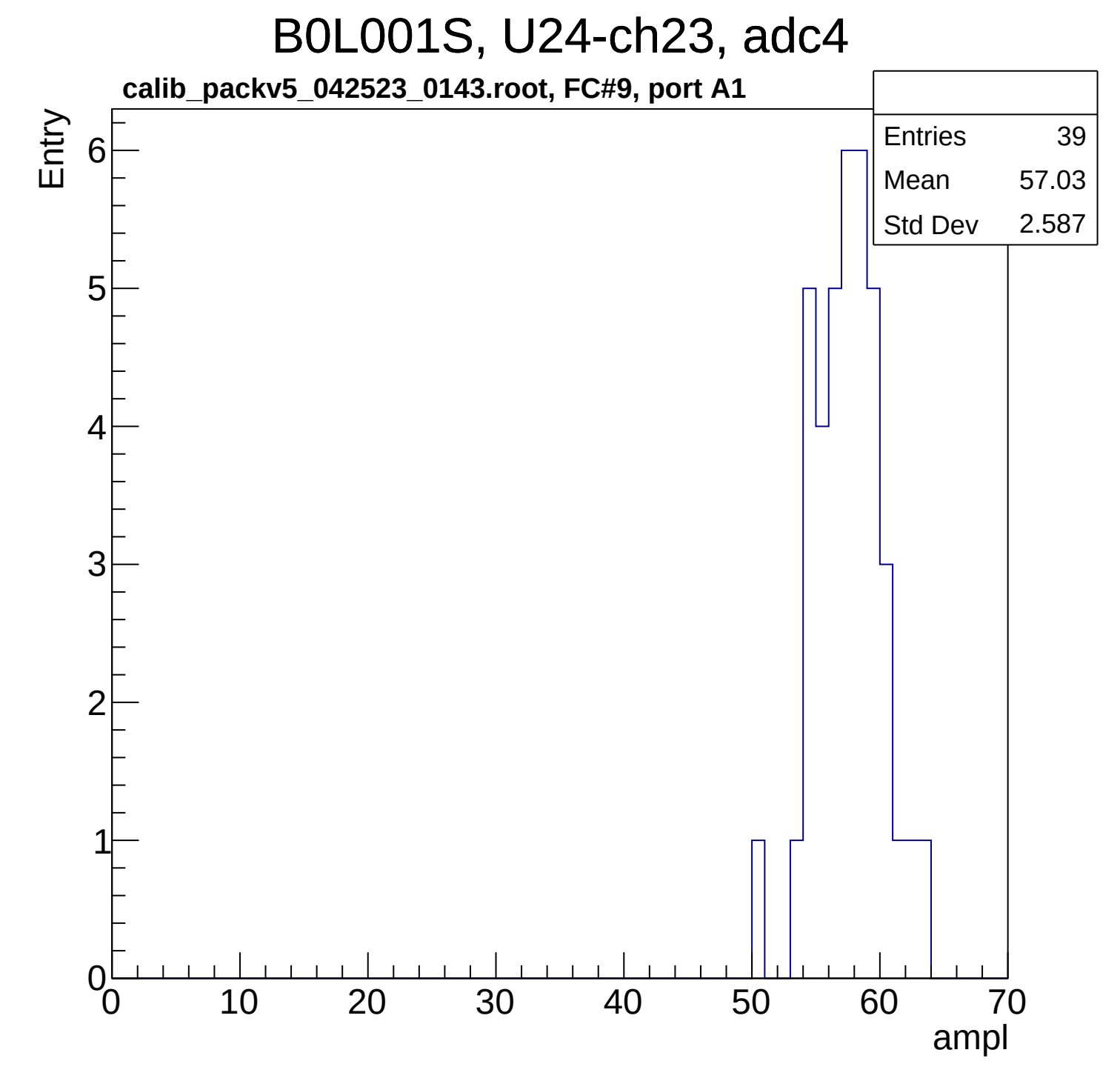
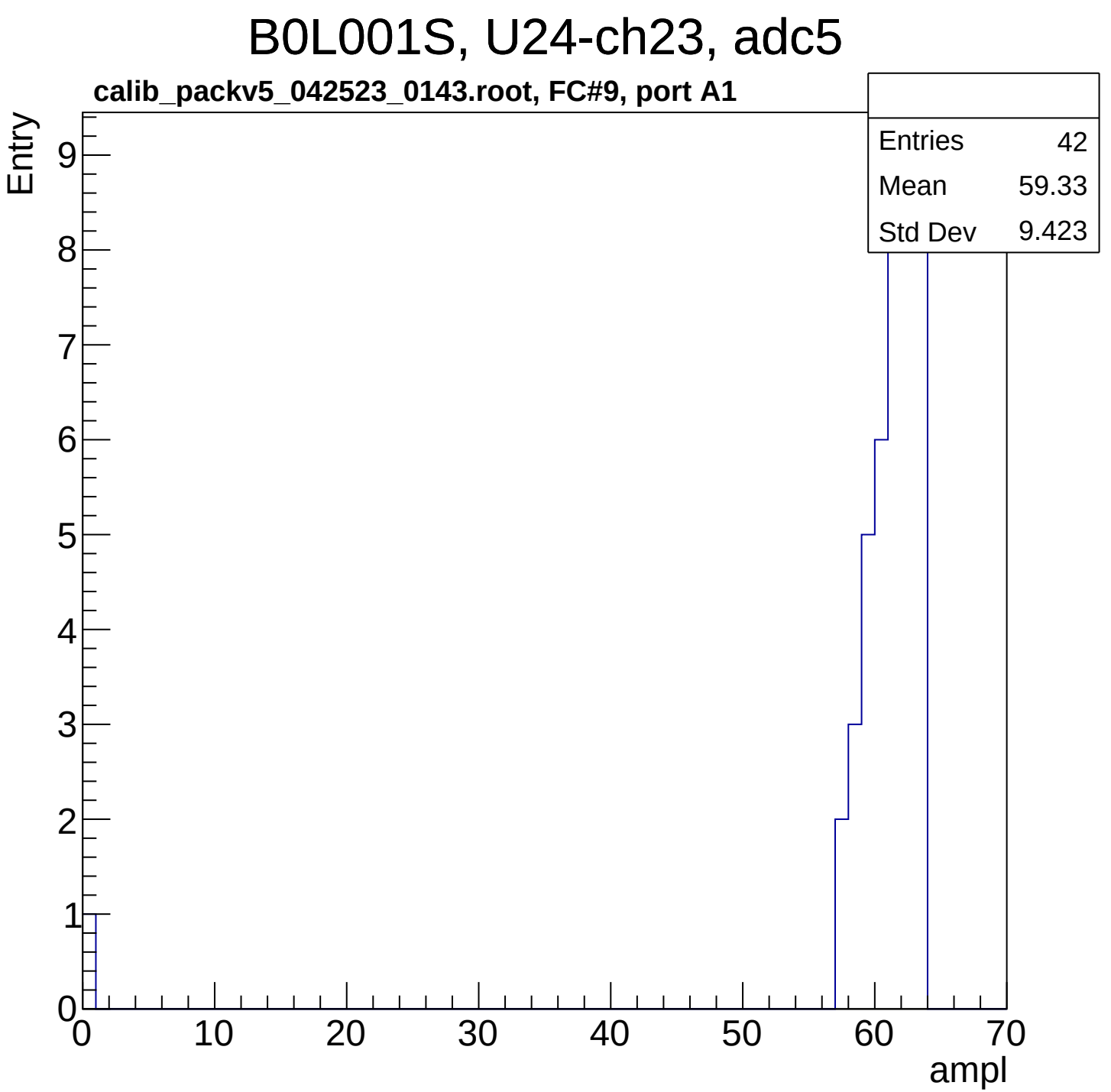

B0L001S, U24-ch23, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 57.03
Std Dev 2.587
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch23, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 59.33
Std Dev 9.423
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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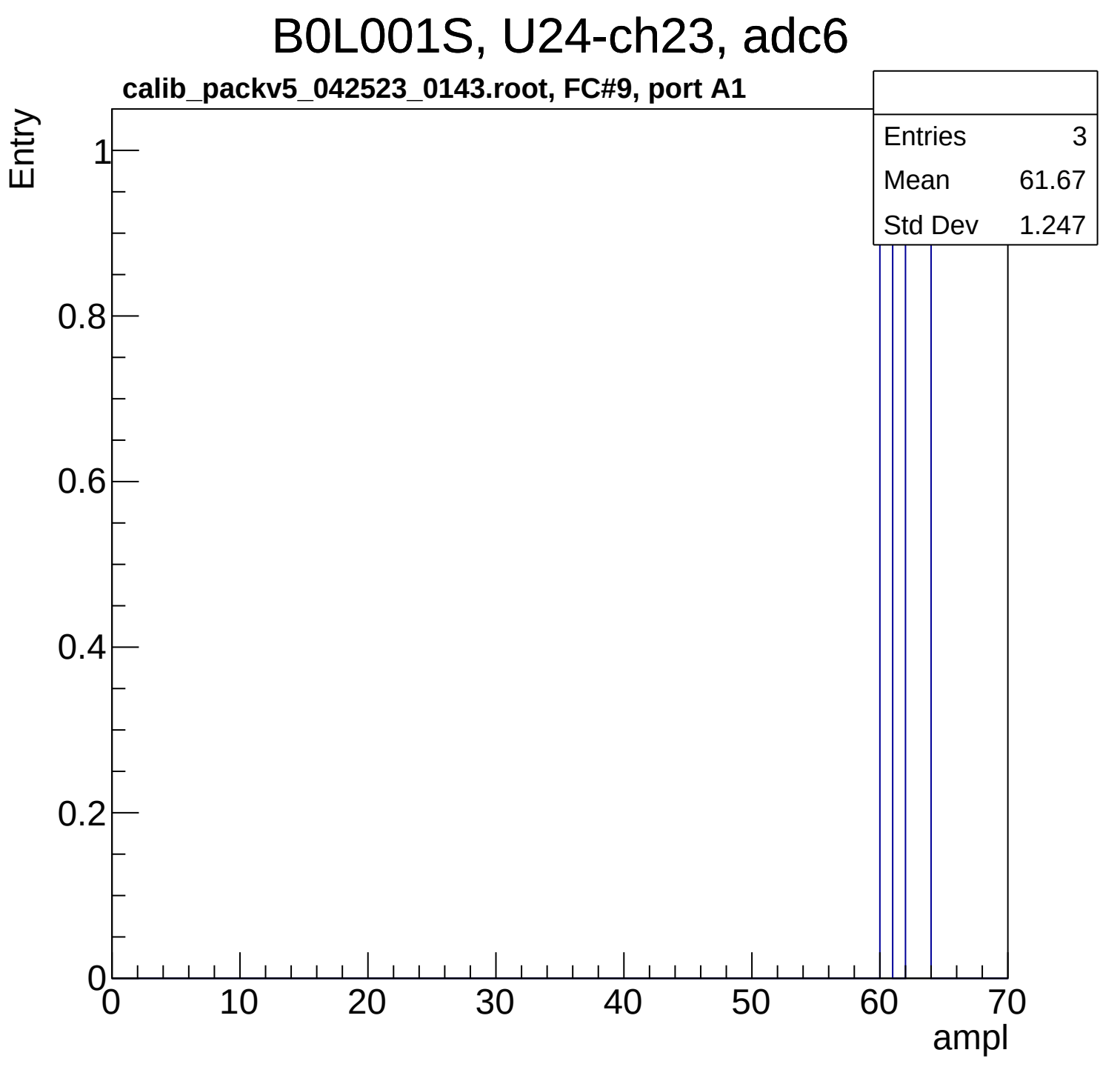
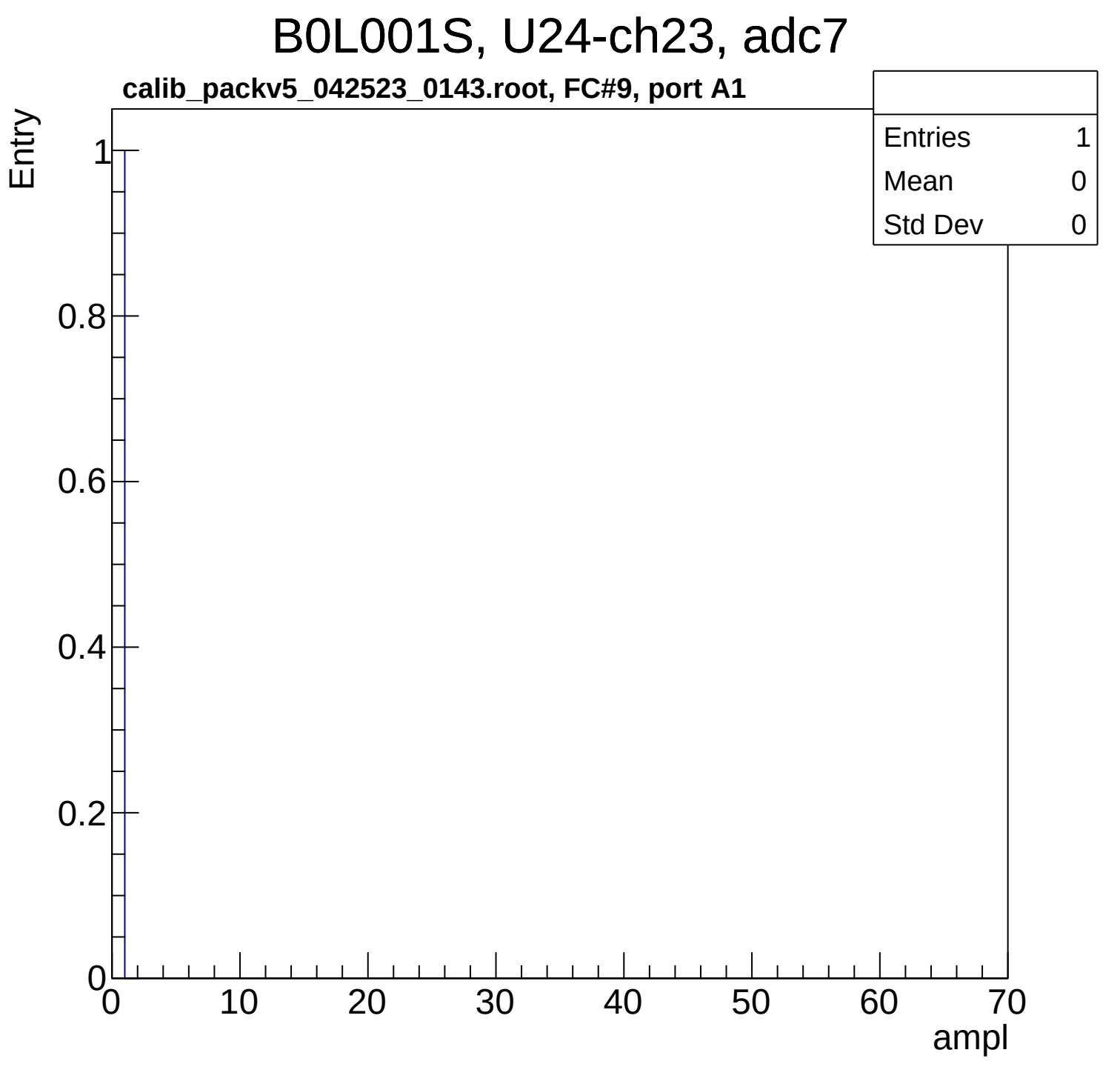
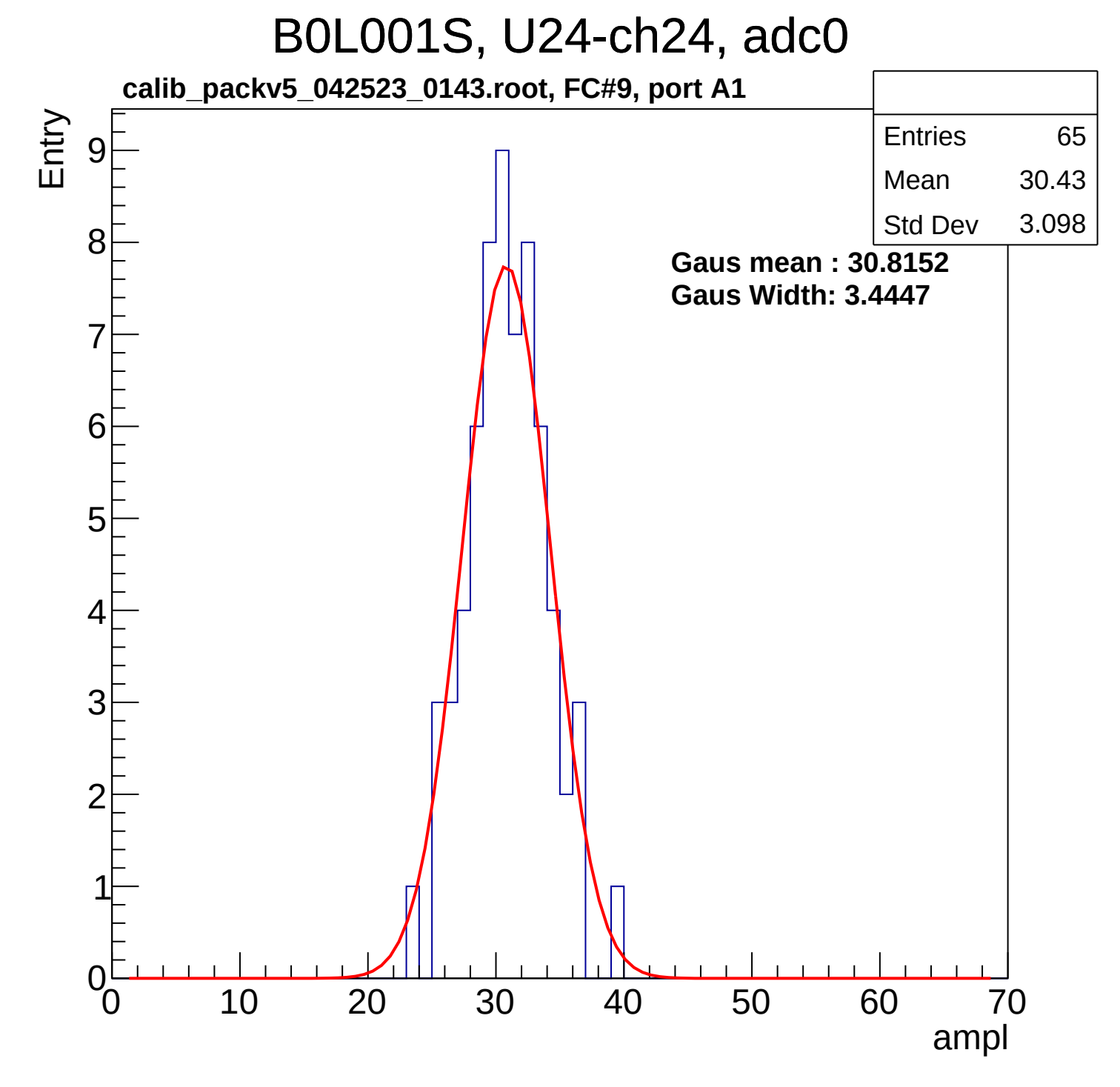
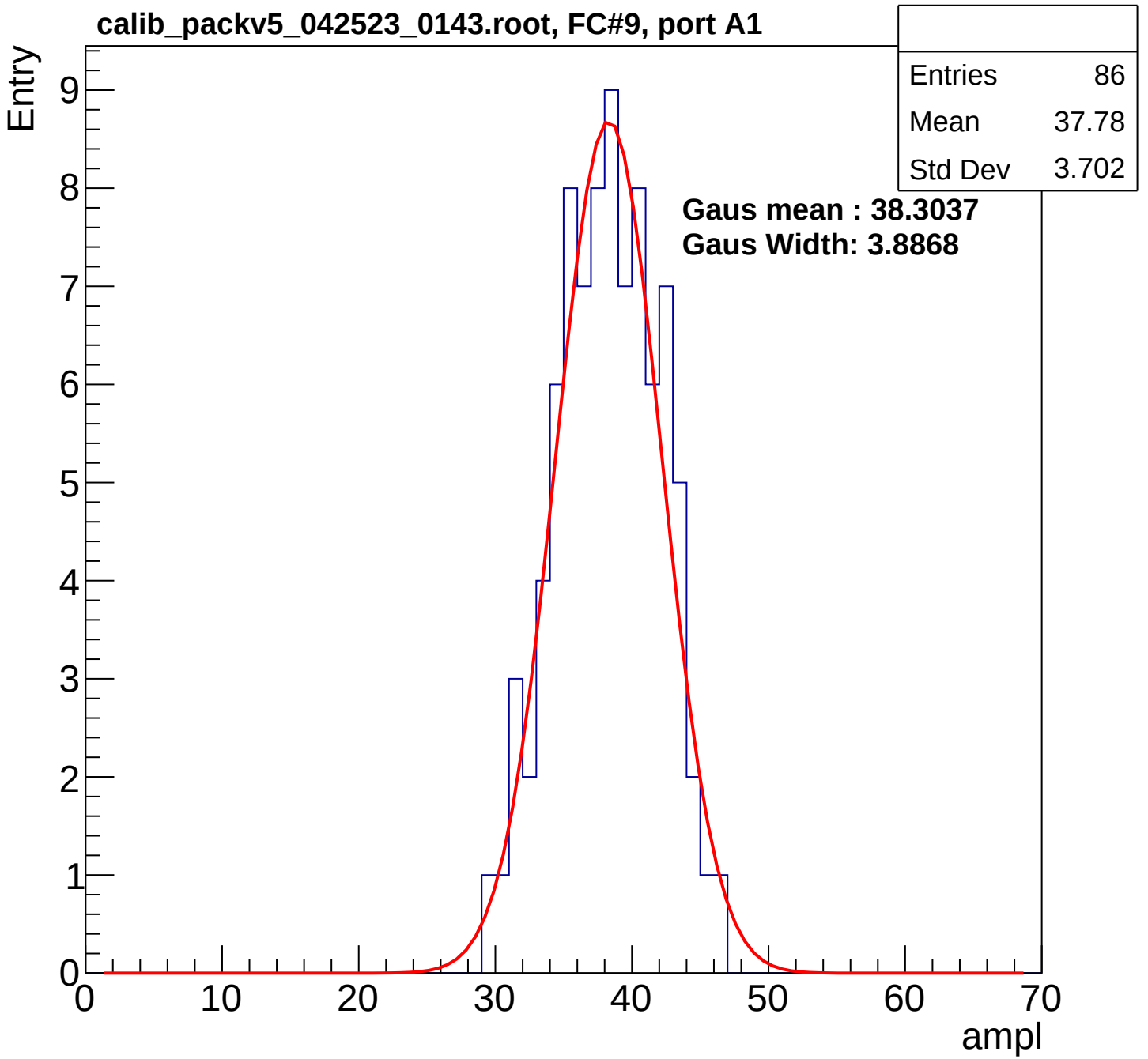

B0L001S, U24-ch23, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.67
Std Dev 1.247
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B0L001S, U24-ch23, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch24, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 30.43
Std Dev 3.098
Gaus mean : 30.8152
Gaus Width: 3.4447
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch24, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 86
Mean 37.78
Std Dev 3.702
Gaus mean : 38.3037
Gaus Width: 3.8868
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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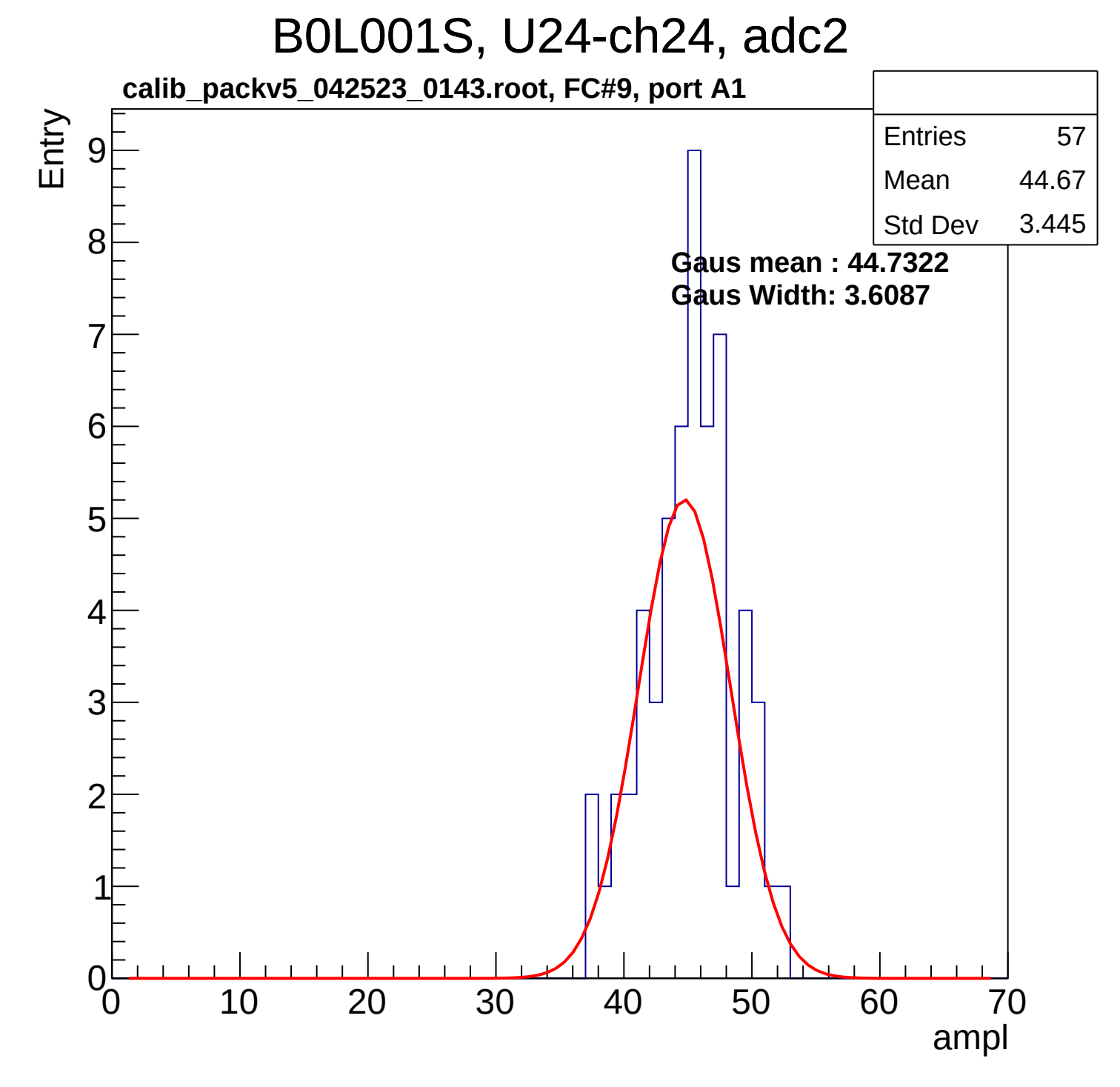
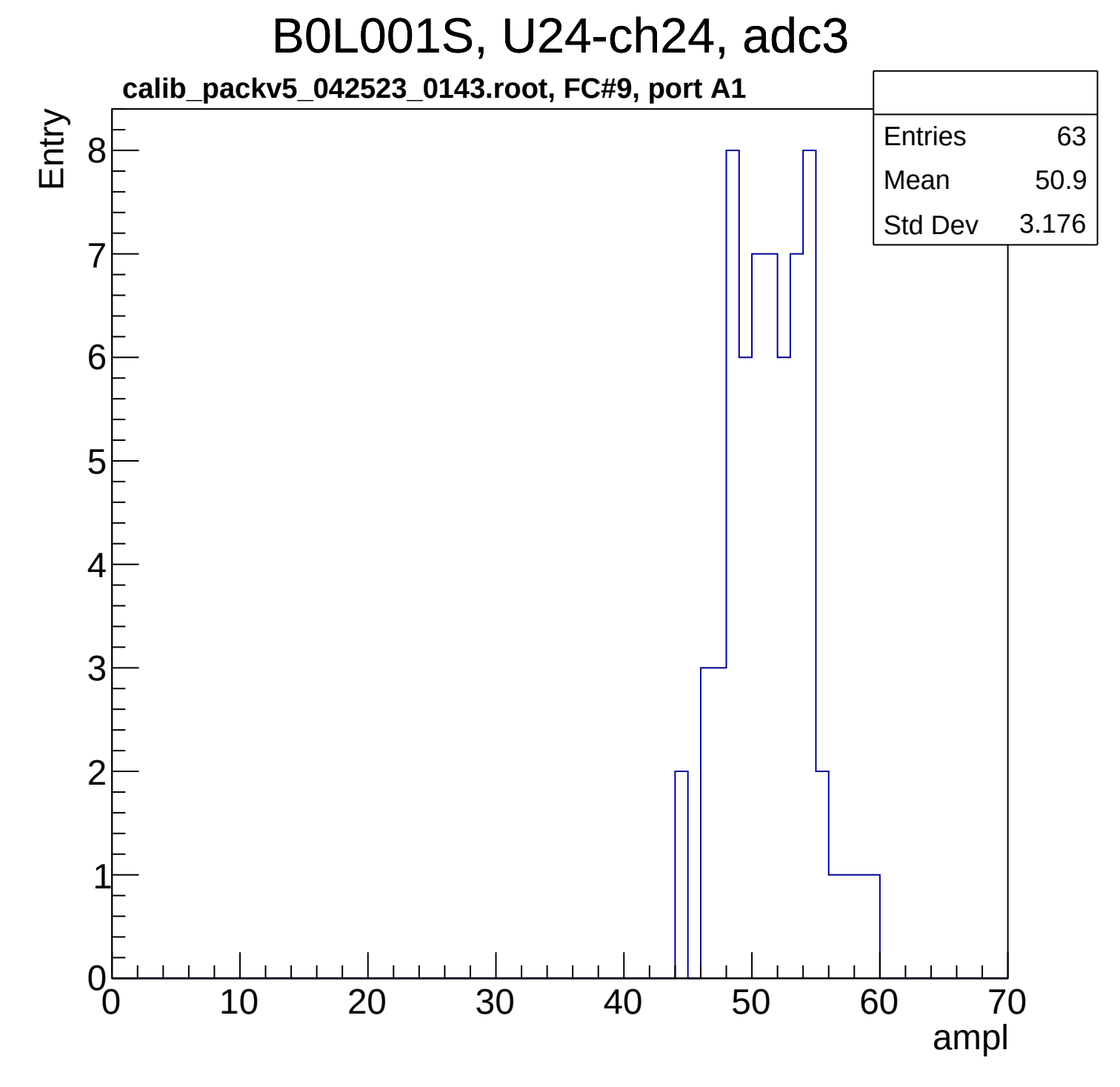

B0L001S, U24-ch24, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 44.67
Std Dev 3.445
Gaus mean : 44.7322
Gaus Width: 3.6087
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch24, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 50.9
Std Dev 3.176
Entry
ampl
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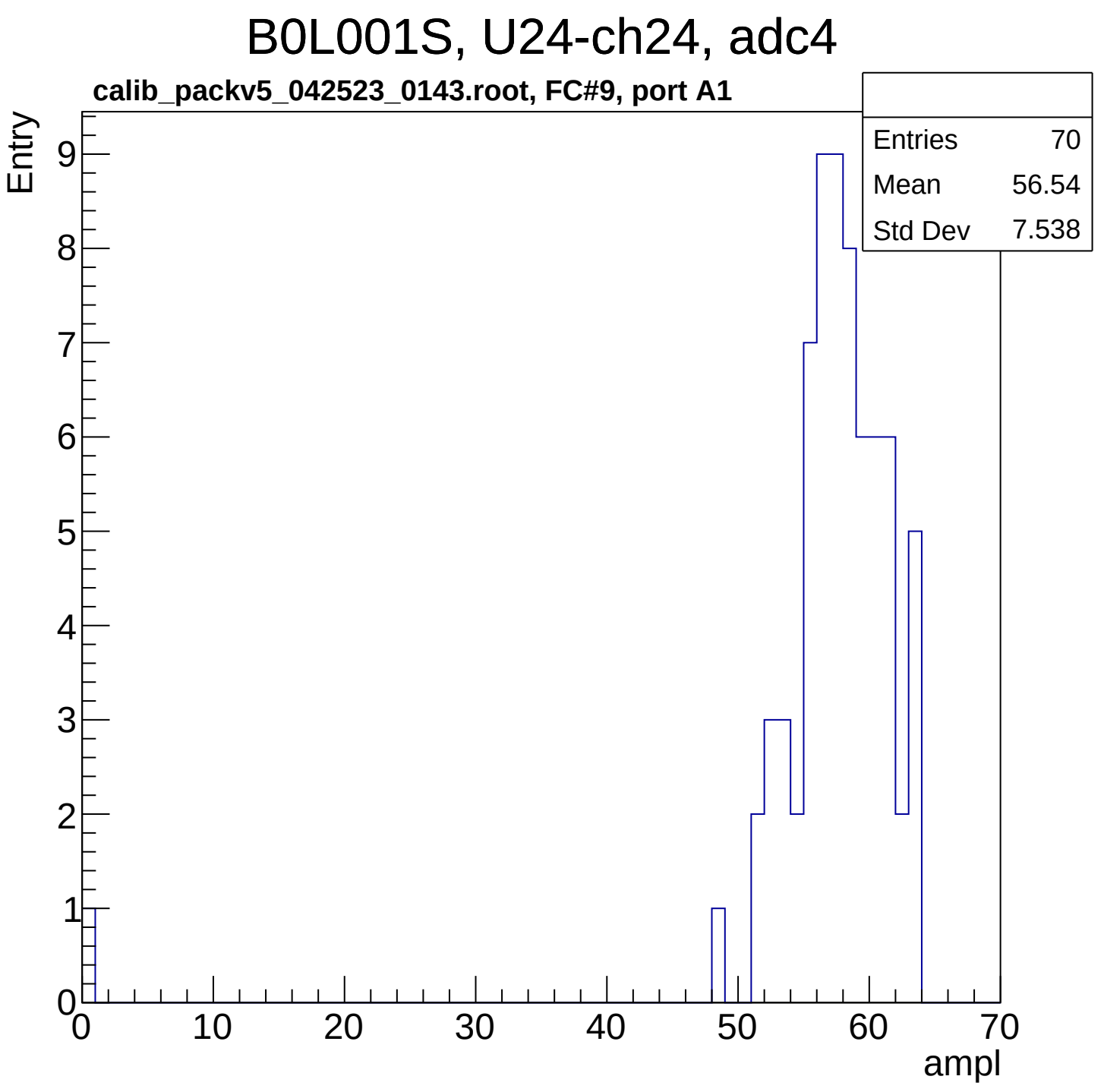
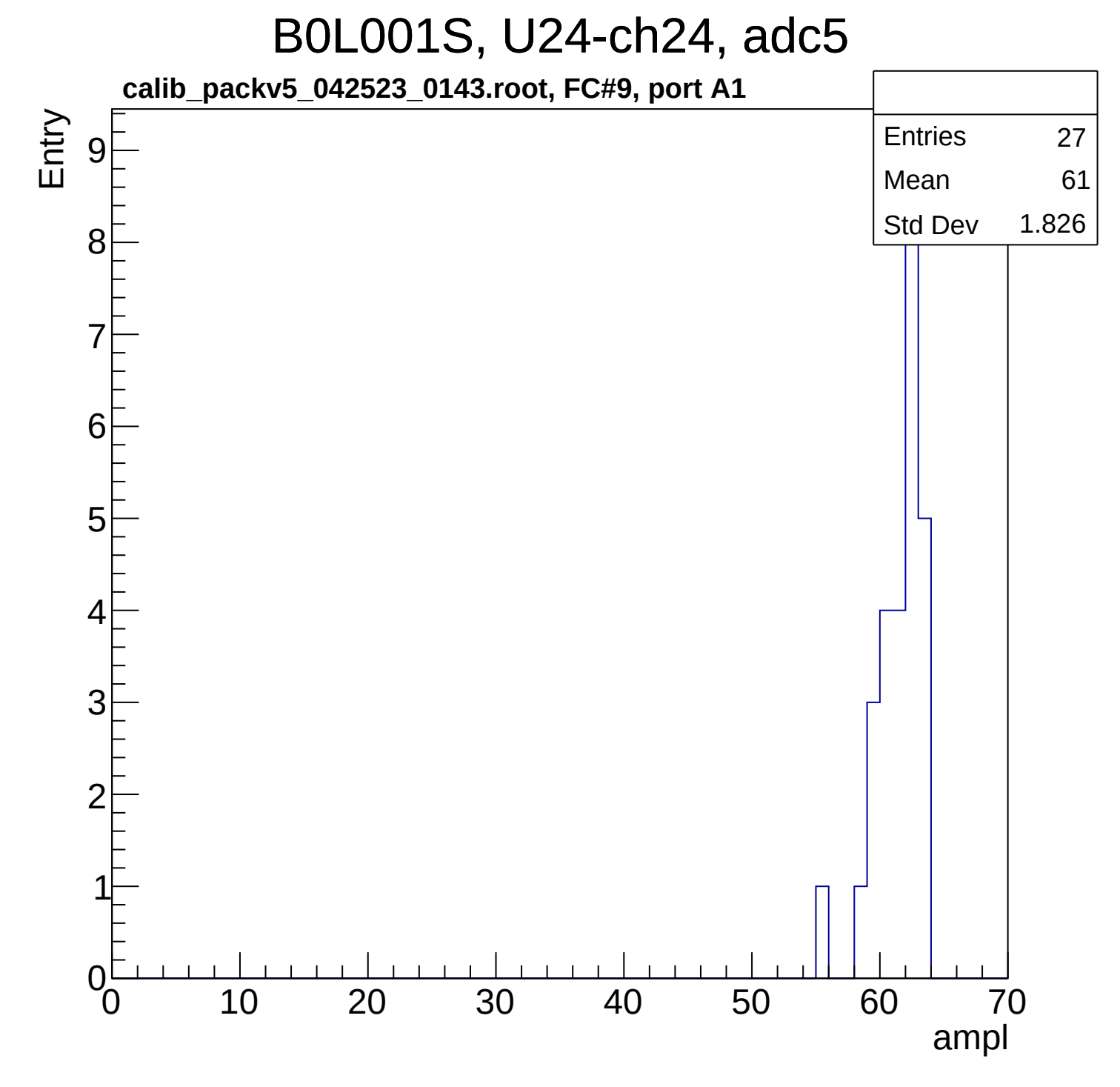
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch24, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 56.54
Std Dev 7.538
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch24, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 61
Std Dev 1.826
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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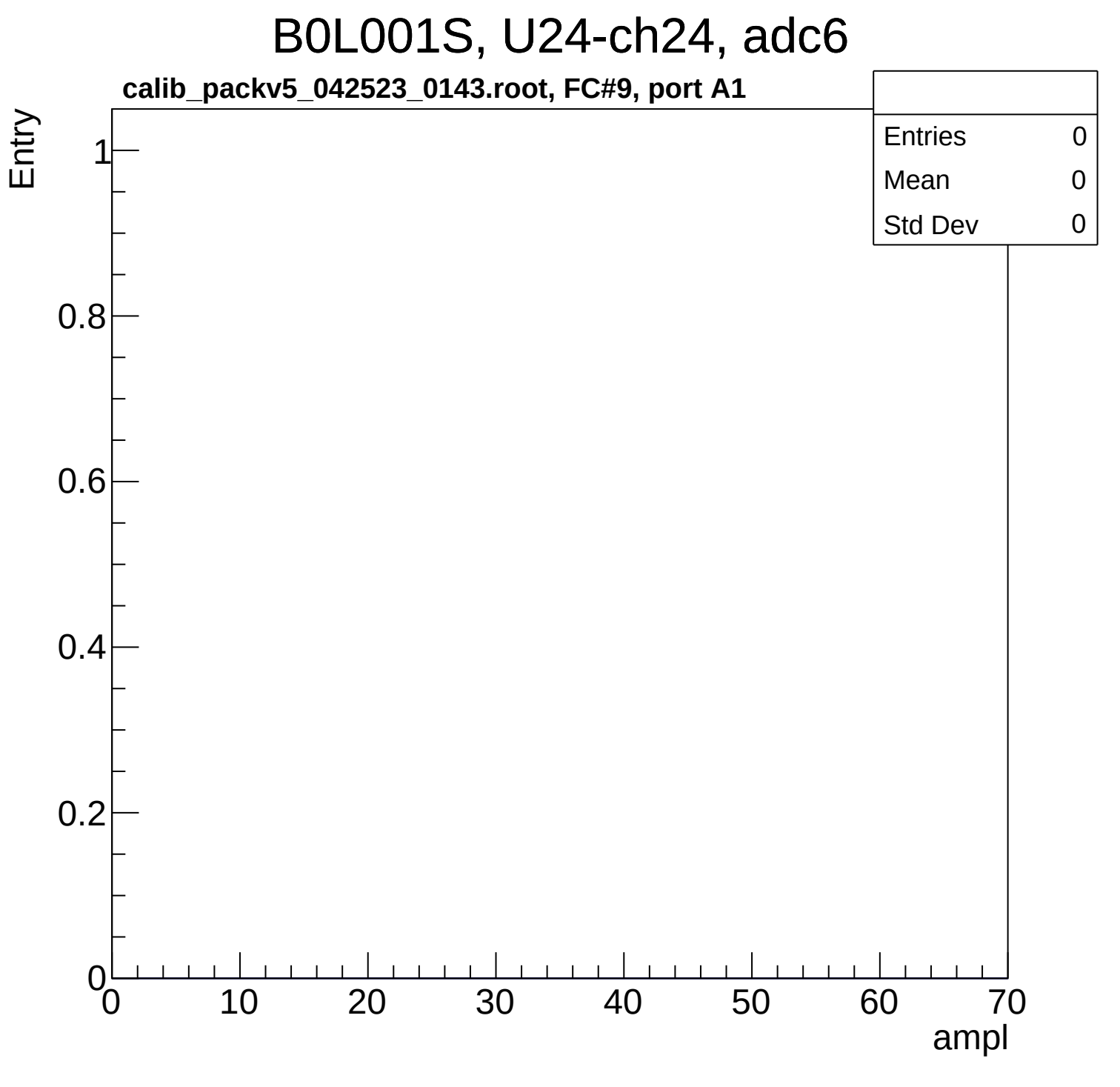
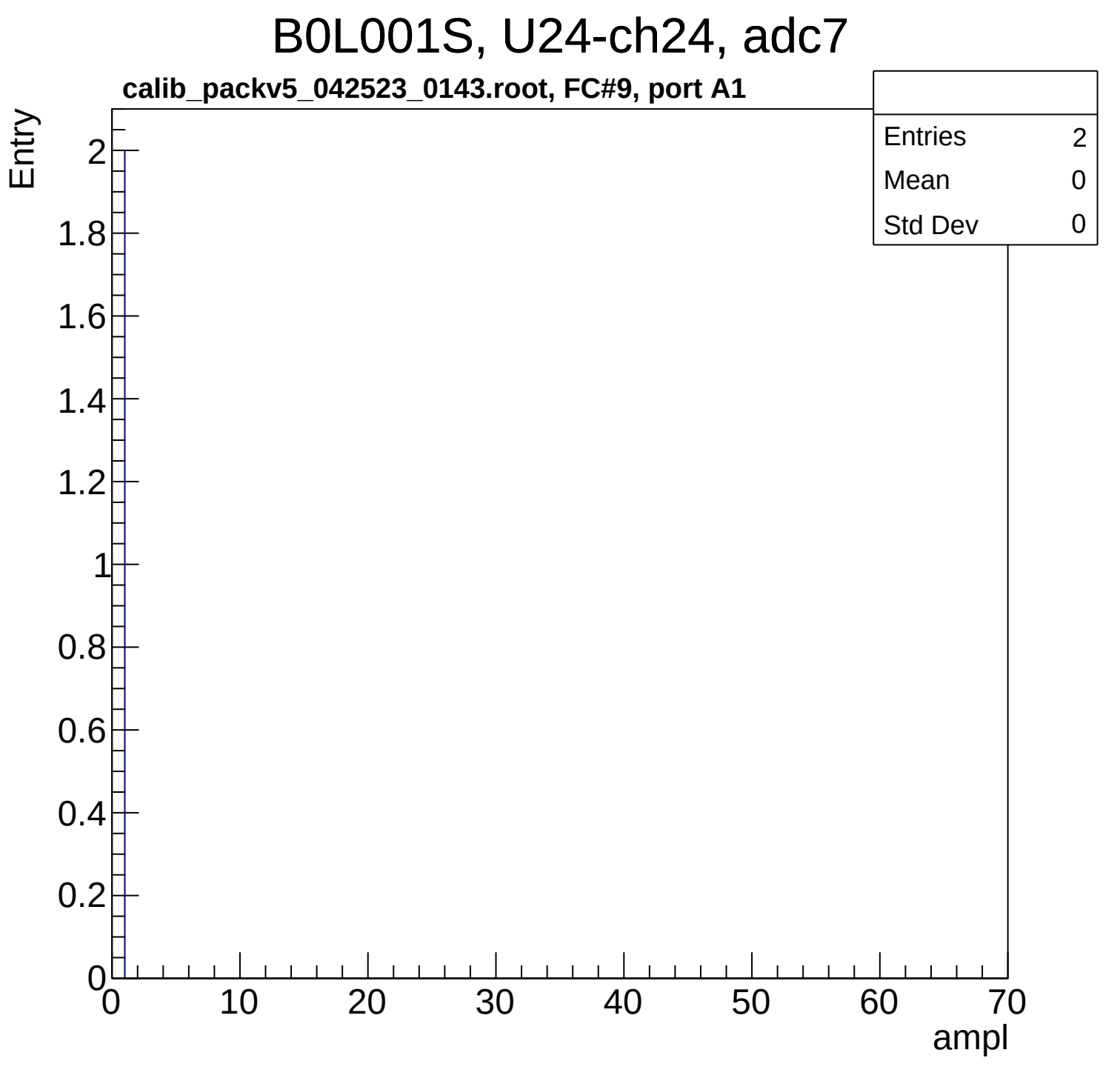
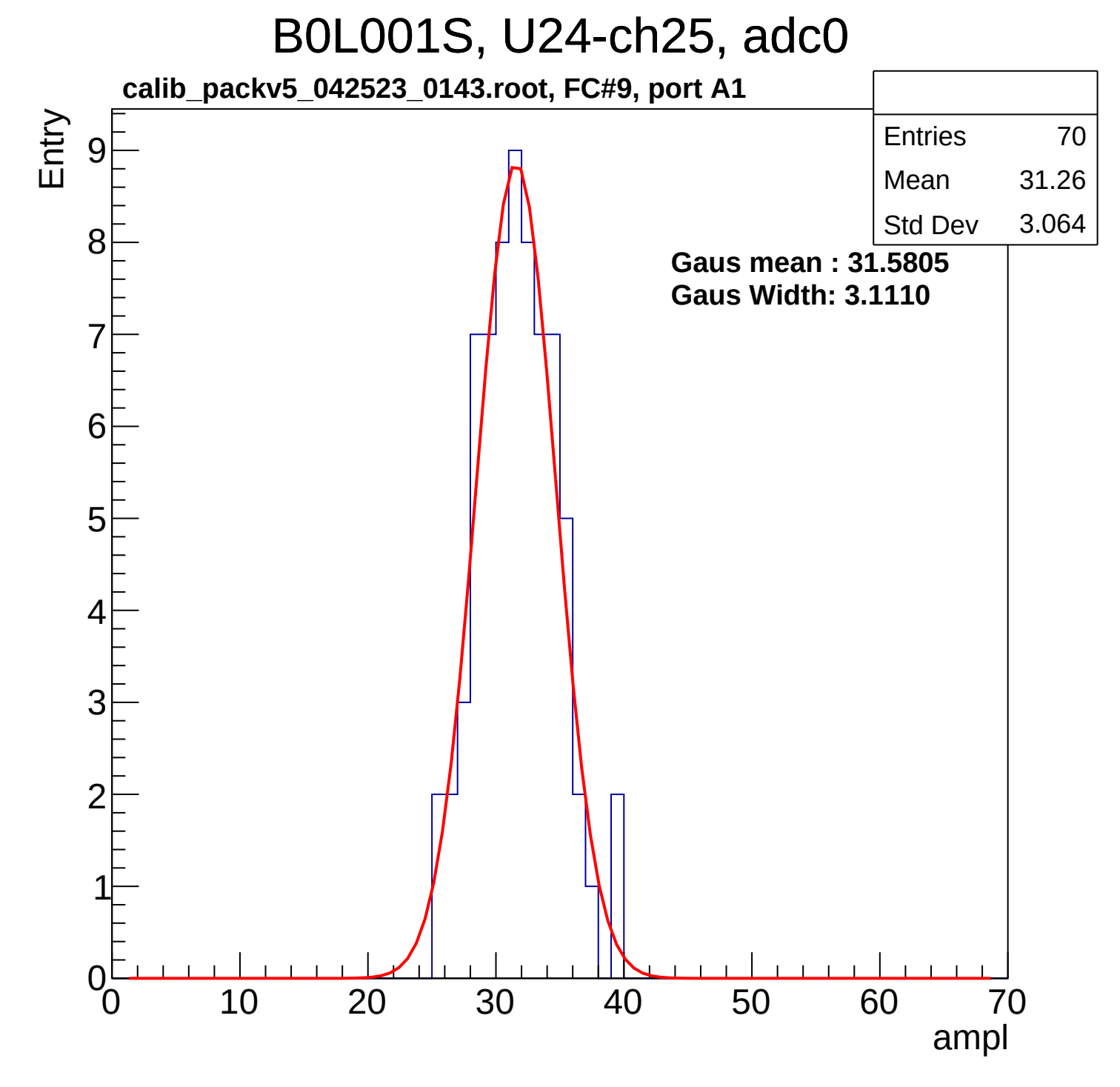
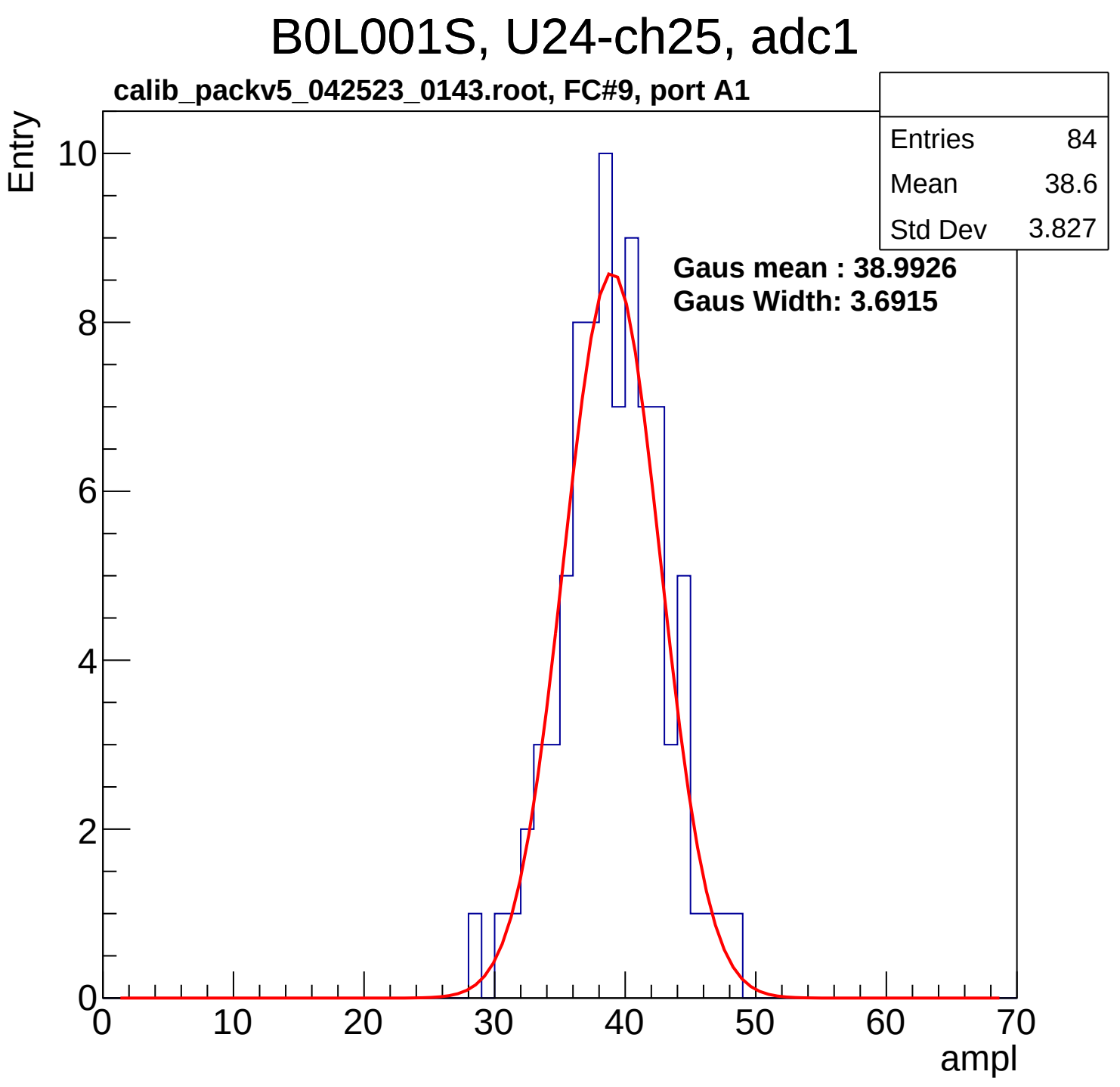
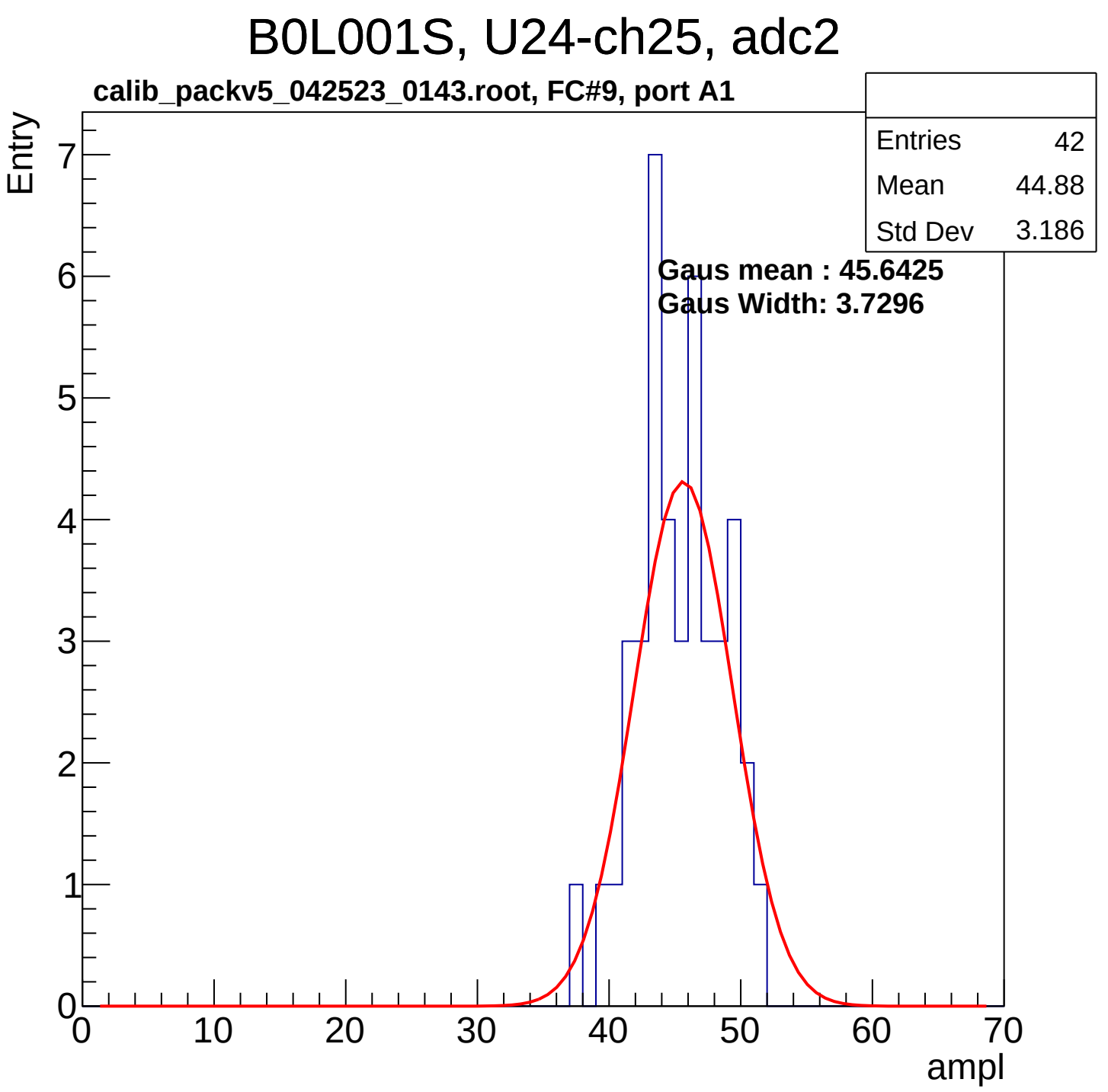
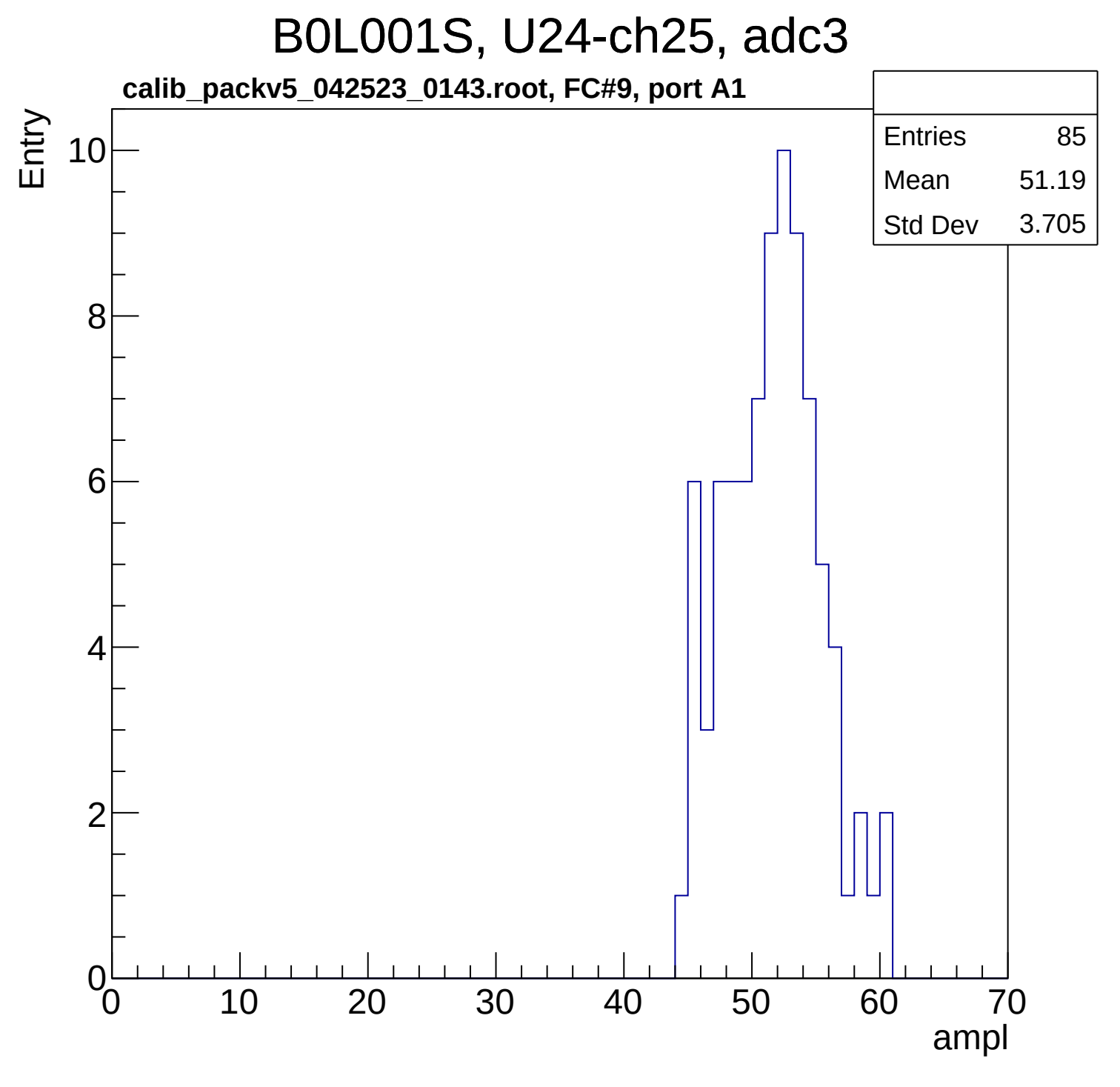

B0L001S, U24-ch24, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch24, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch25, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 31.26
Std Dev 3.064
Gaus mean : 31.5805
Gaus Width: 3.1110
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch25, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 38.6
Std Dev 3.827
Gaus mean : 38.9926
Gaus Width: 3.6915
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch25, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 44.88
Std Dev 3.186
Gaus mean : 45.6425
Gaus Width: 3.7296
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch25, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 85
Mean 51.19
Std Dev 3.705
Entry
ampl
0
2
4
6
8
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0
10
20
30
40
50
60
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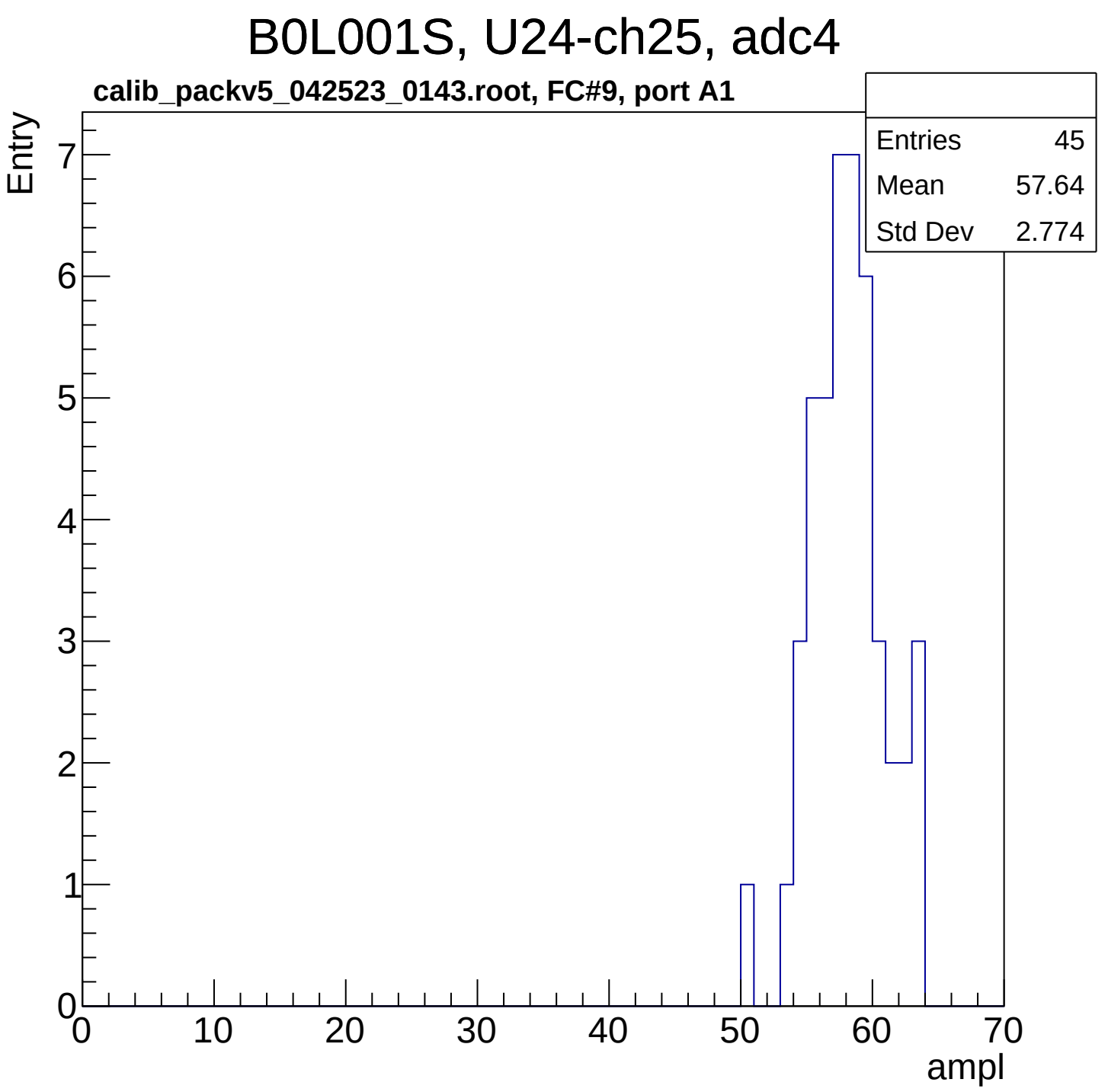
B0L001S, U24-ch25, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 57.64
Std Dev 2.774
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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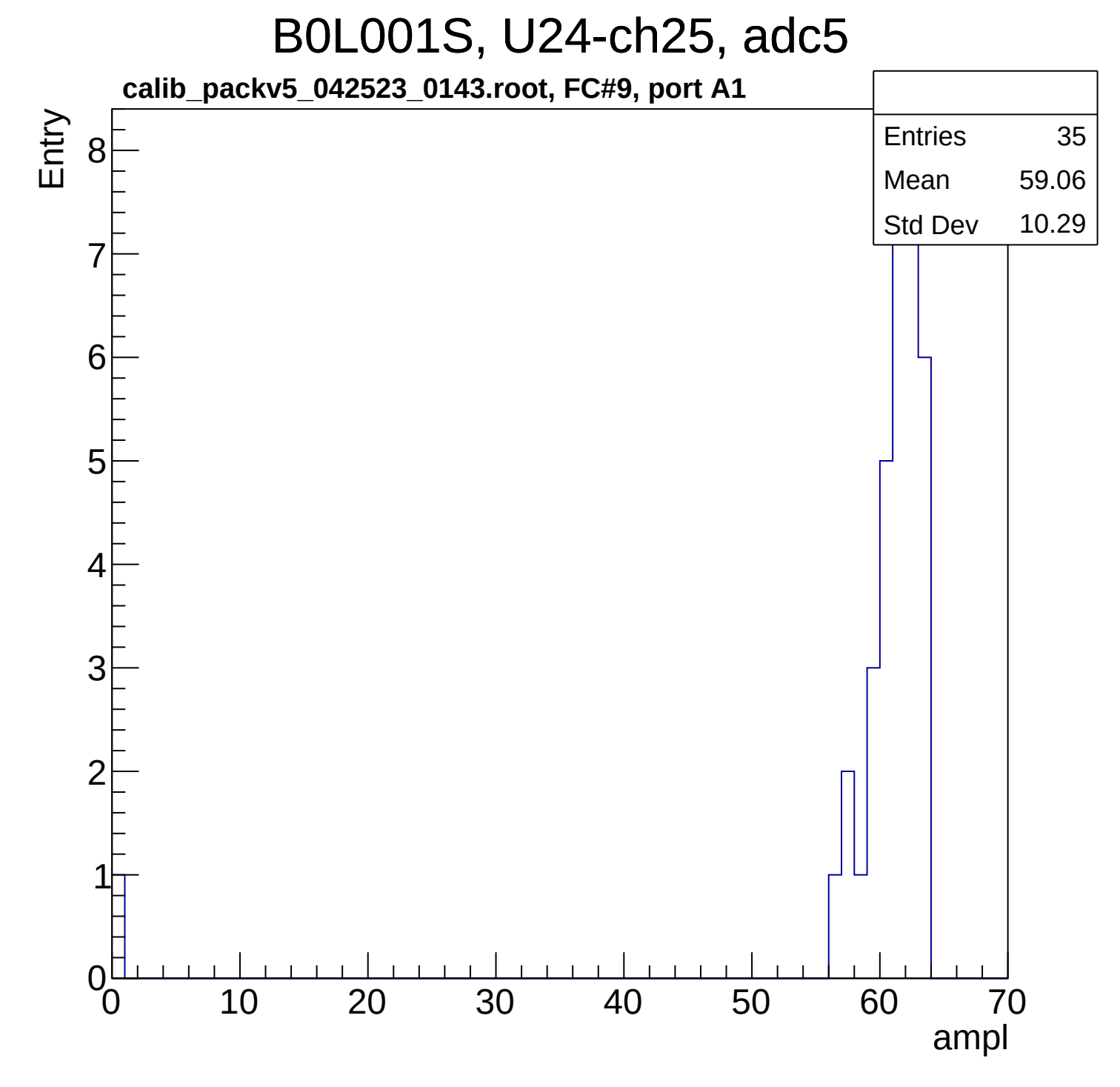
B0L001S, U24-ch25, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 59.06
Std Dev 10.29
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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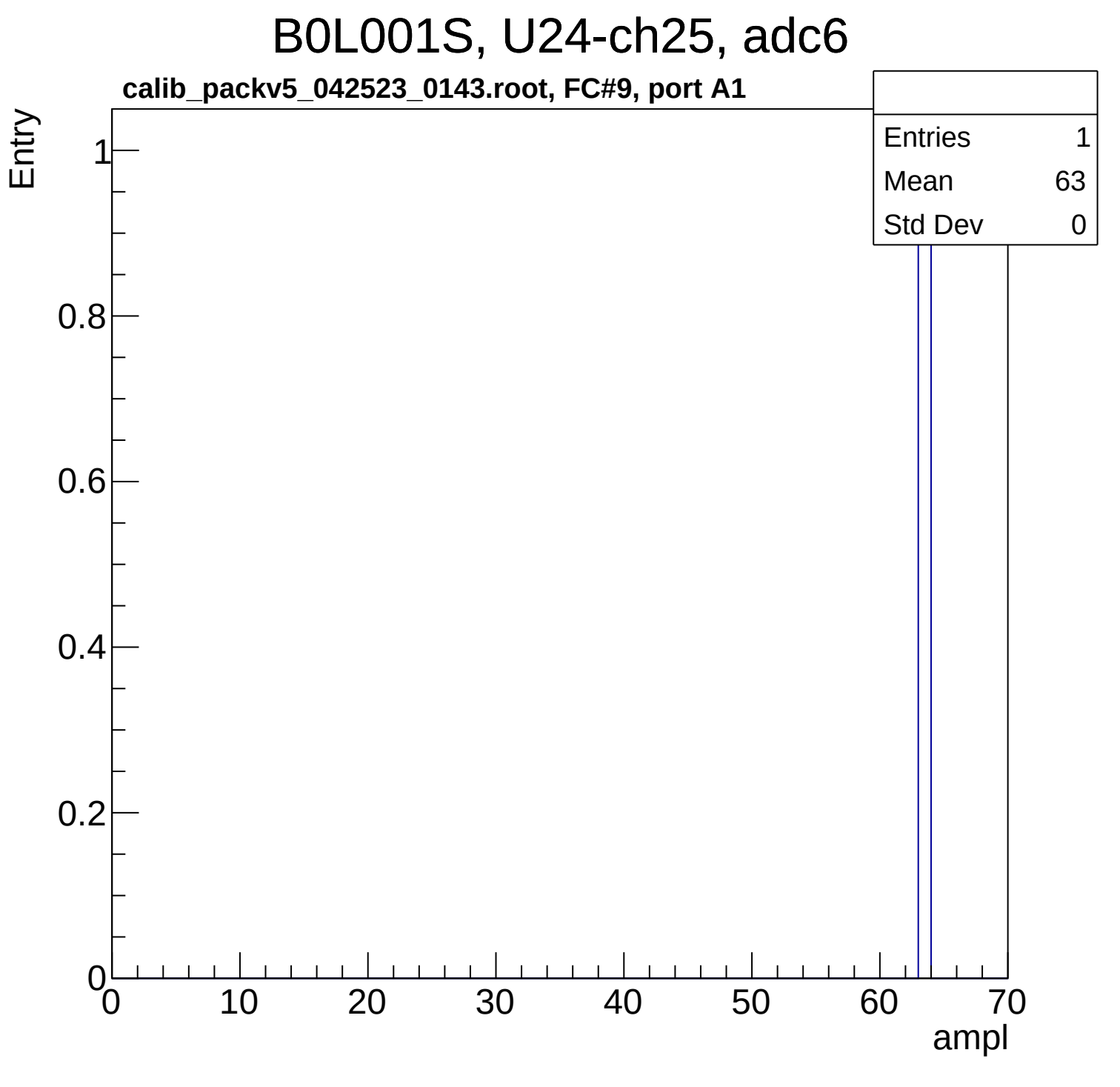
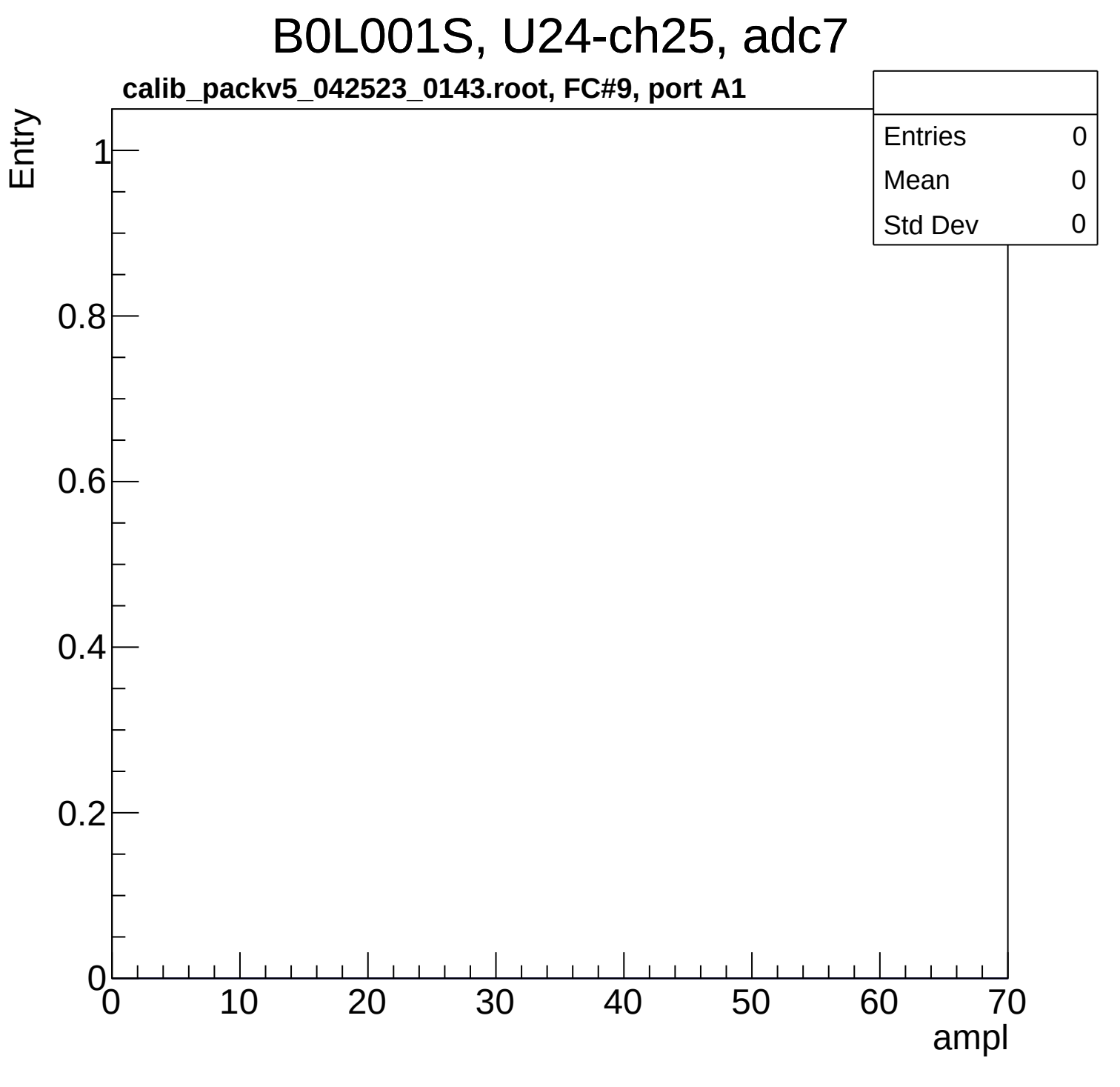
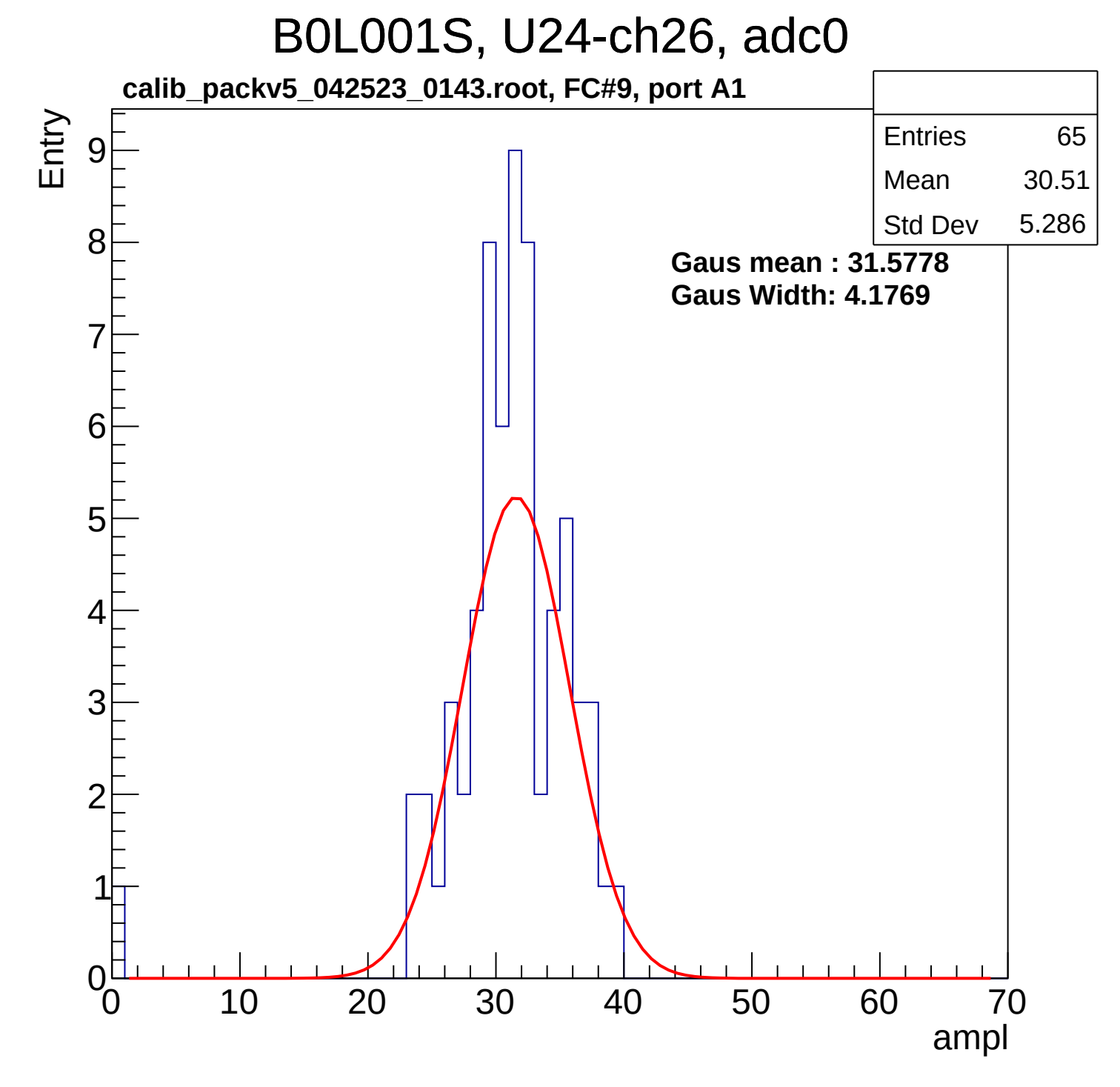

B0L001S, U24-ch25, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch25, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch26, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 30.51
Std Dev 5.286
Gaus mean : 31.5778
Gaus Width: 4.1769
Entry
ampl
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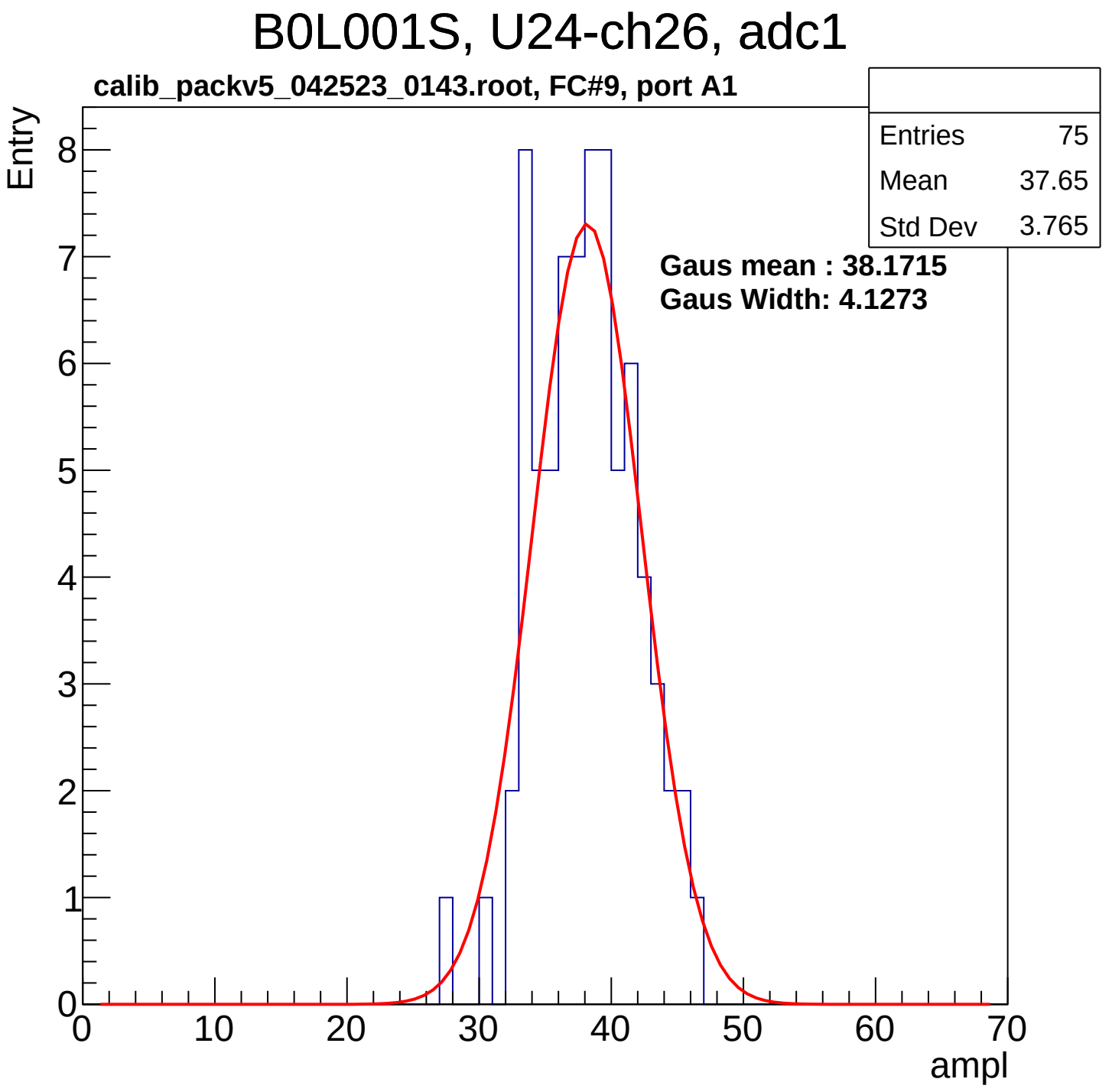
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch26, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 37.65
Std Dev 3.765
Gaus mean : 38.1715
Gaus Width: 4.1273
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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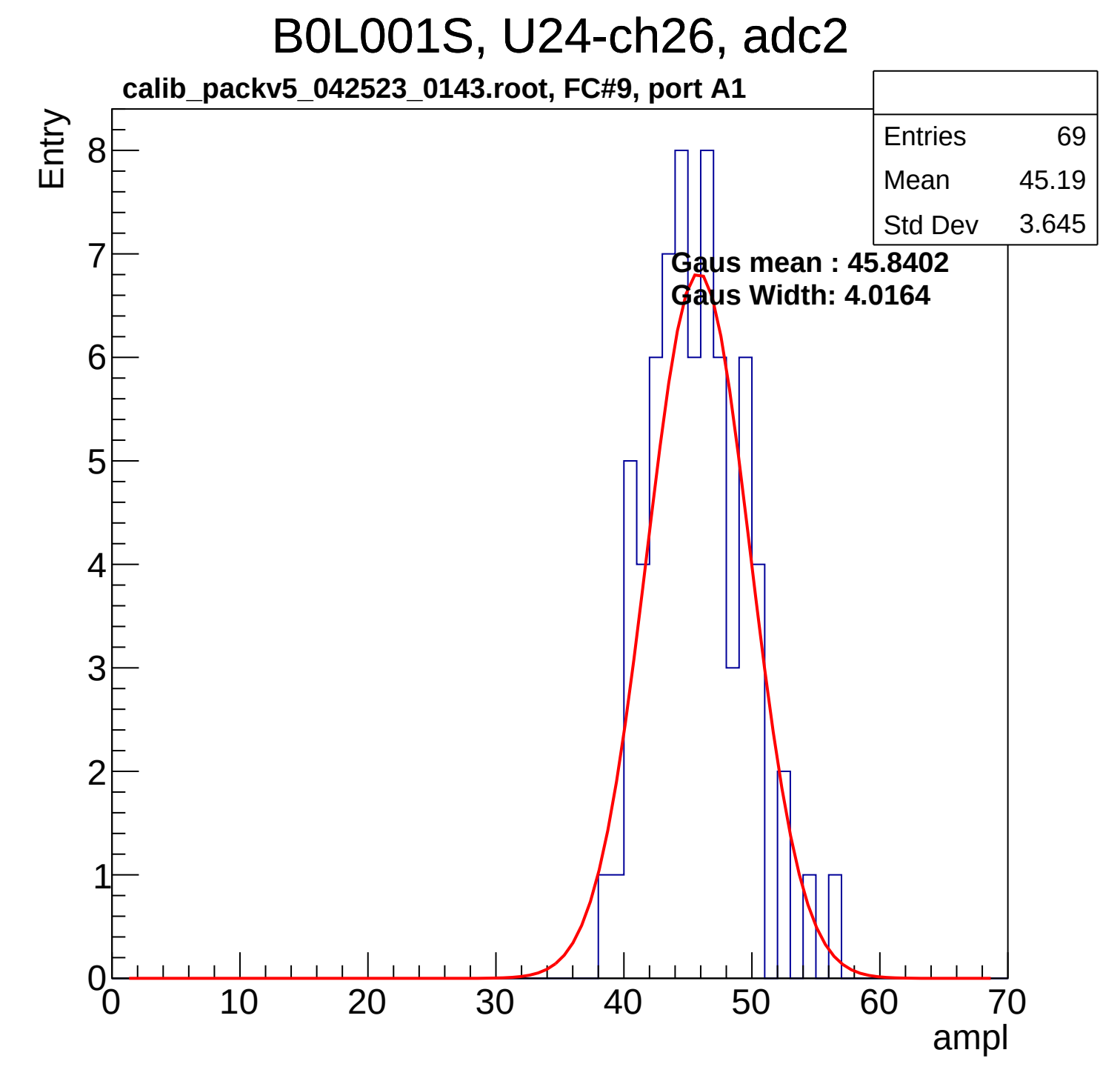
B0L001S, U24-ch26, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 45.19
Std Dev 3.645
Gaus mean : 45.8402
Gaus Width: 4.0164
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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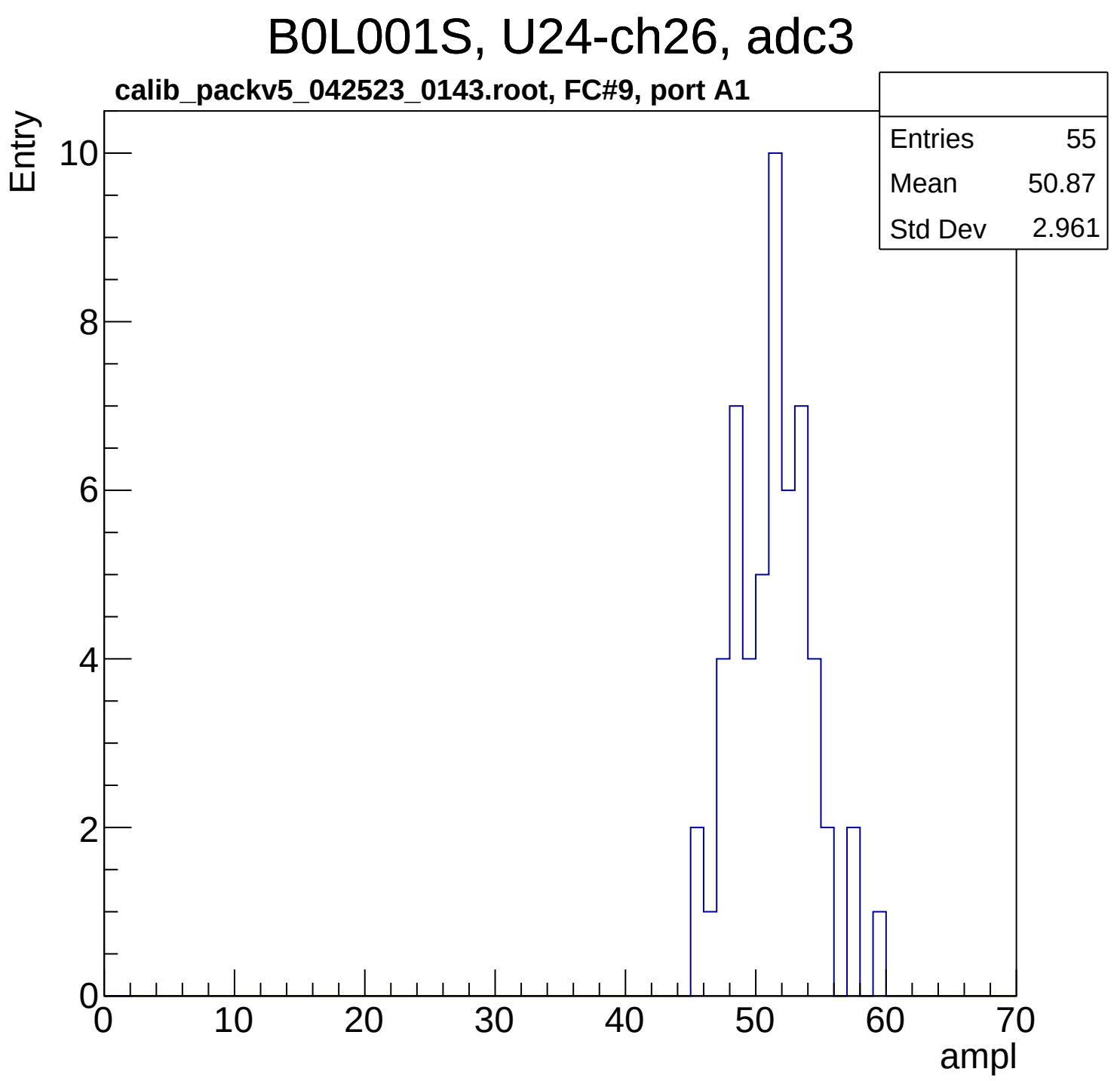
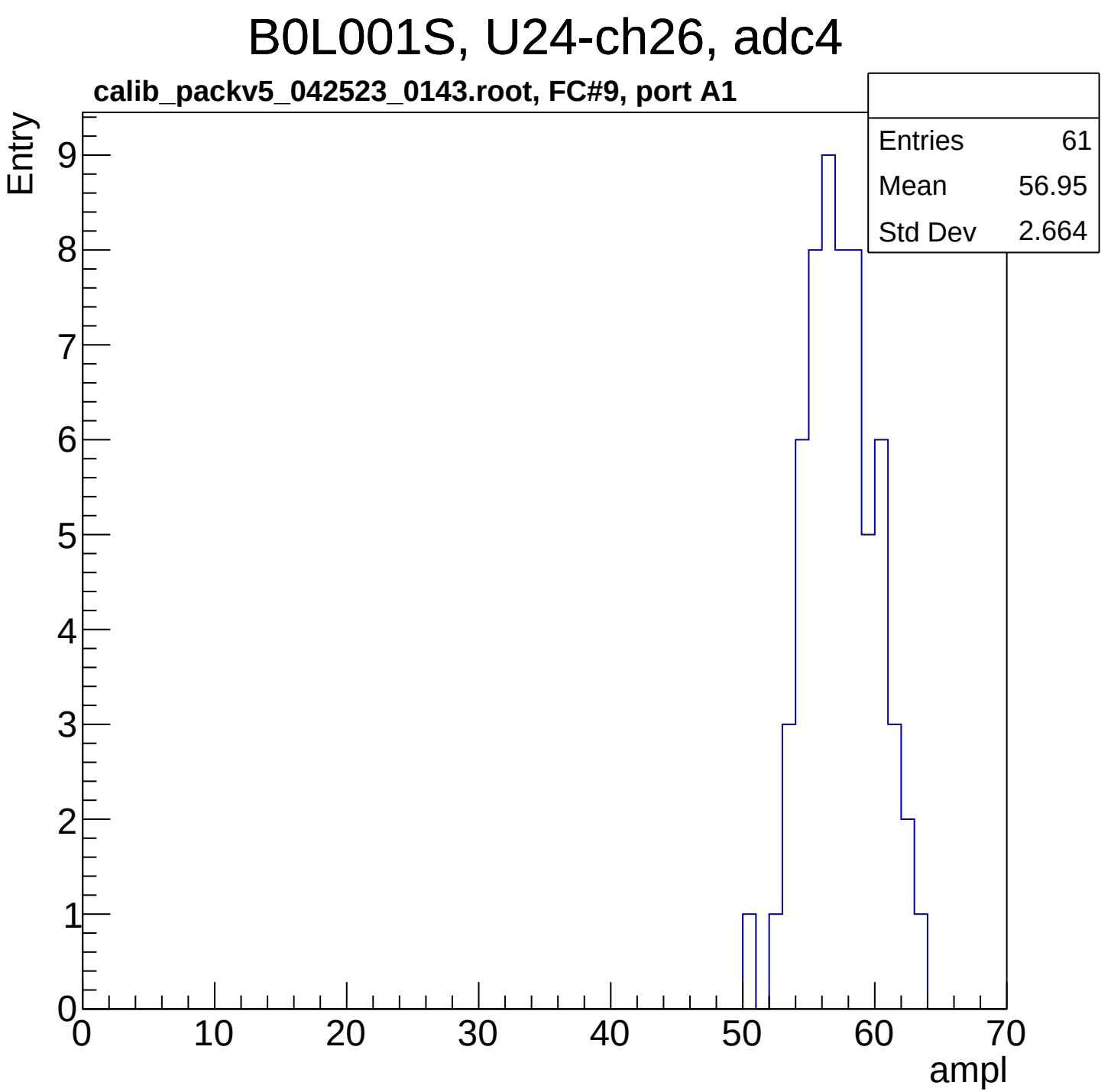
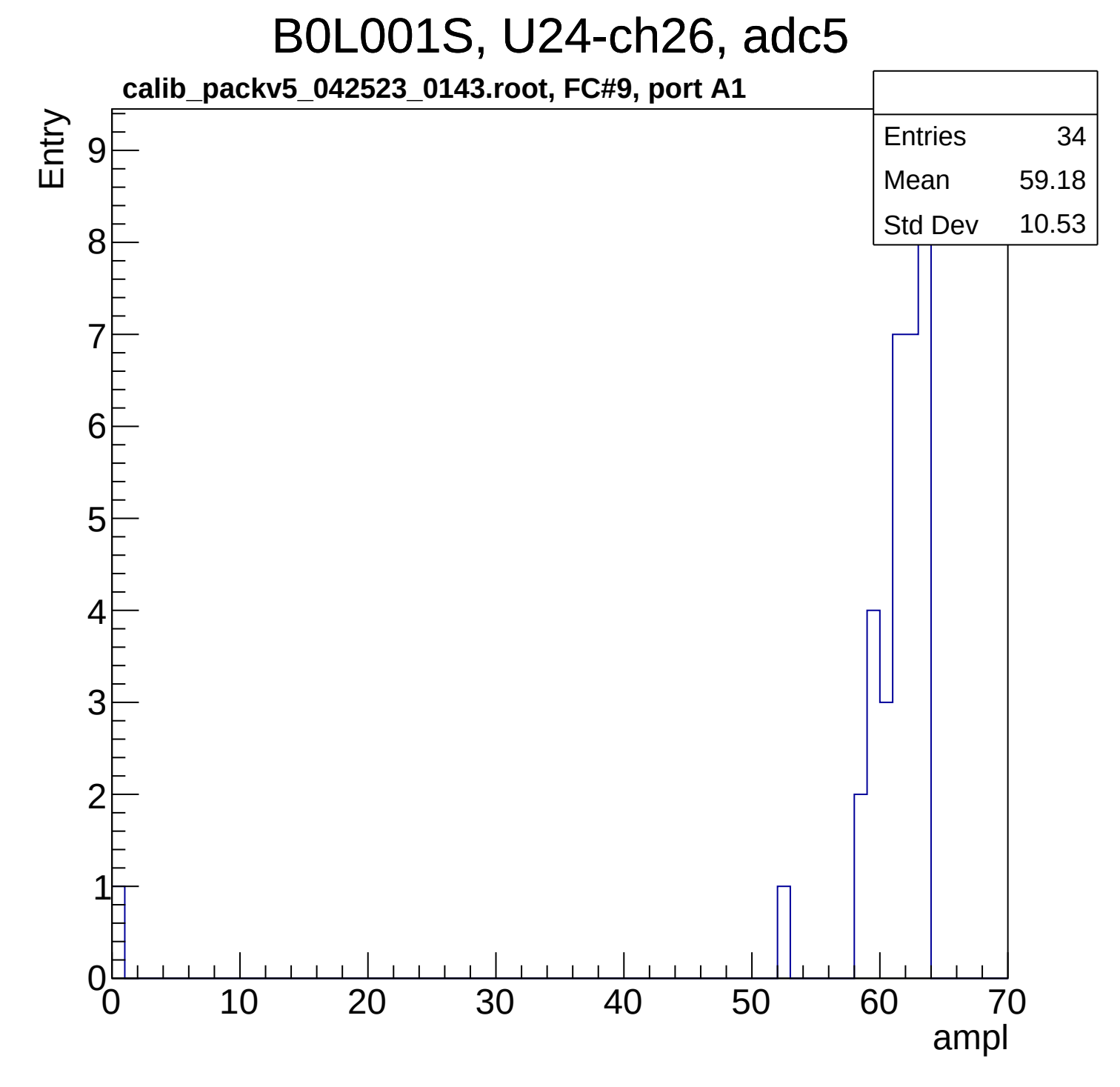
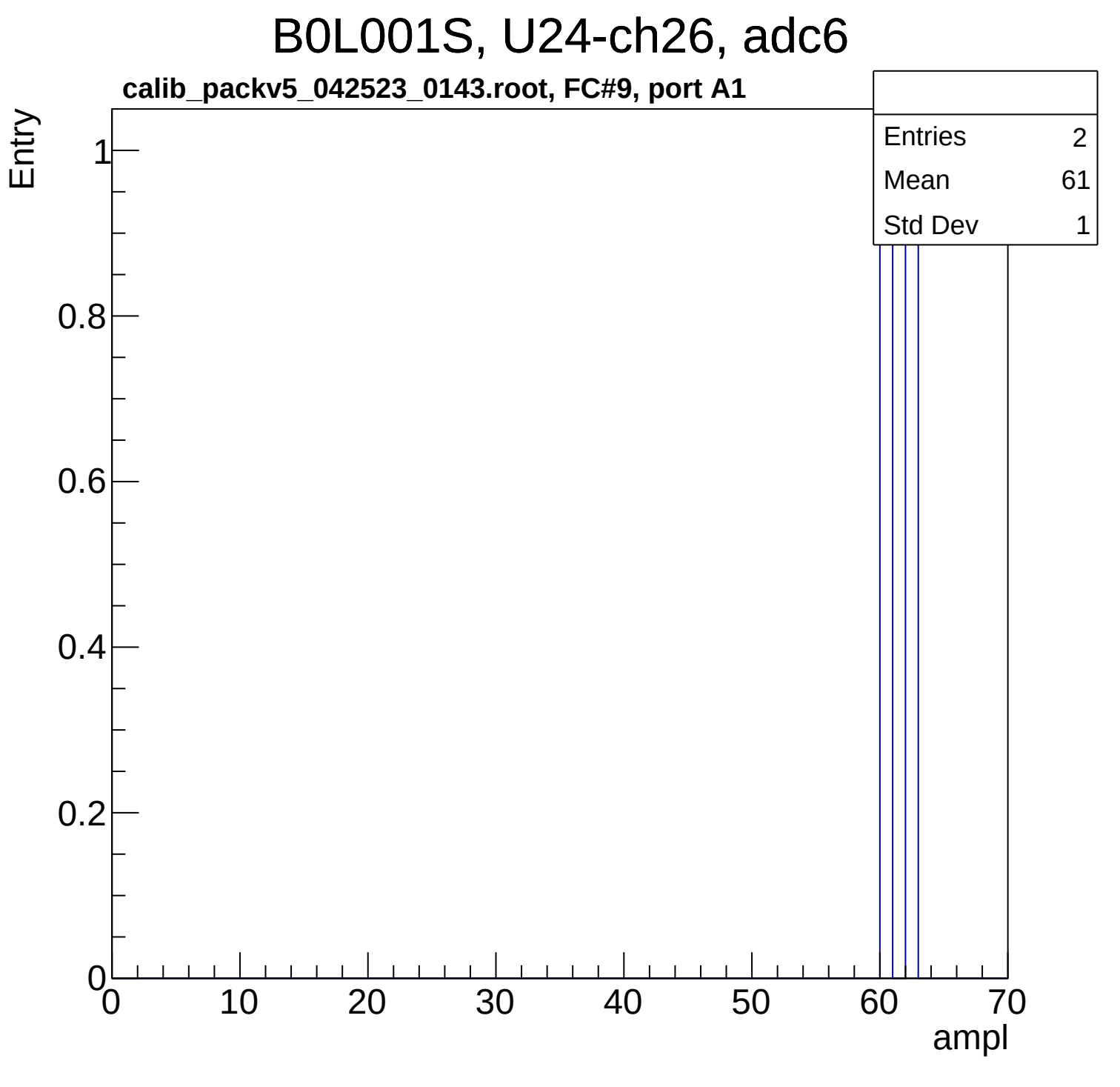

B0L001S, U24-ch26, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 50.87
Std Dev 2.961
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch26, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 56.95
Std Dev 2.664
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch26, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 59.18
Std Dev 10.53
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch26, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 61
Std Dev 1
Entry
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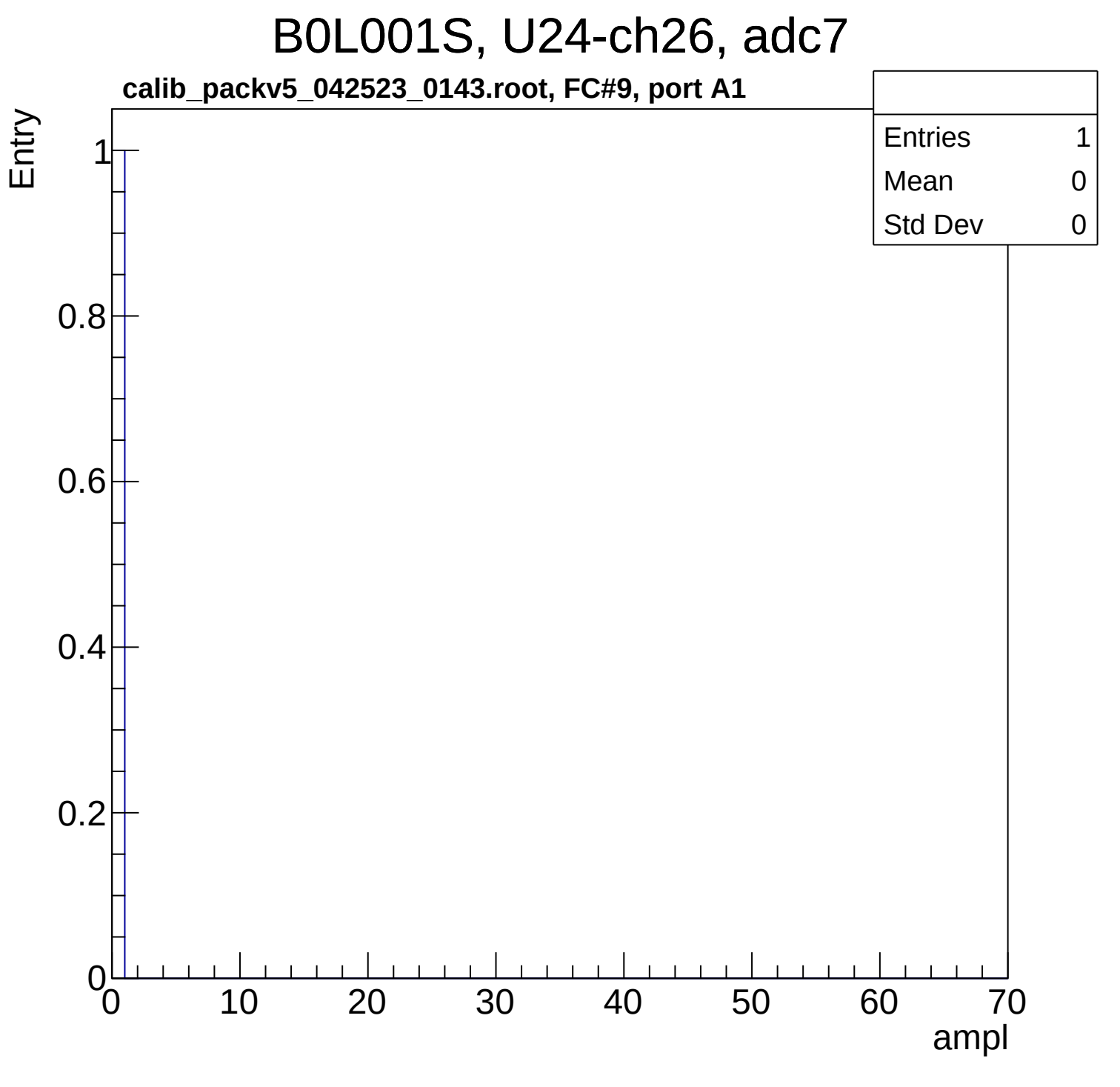
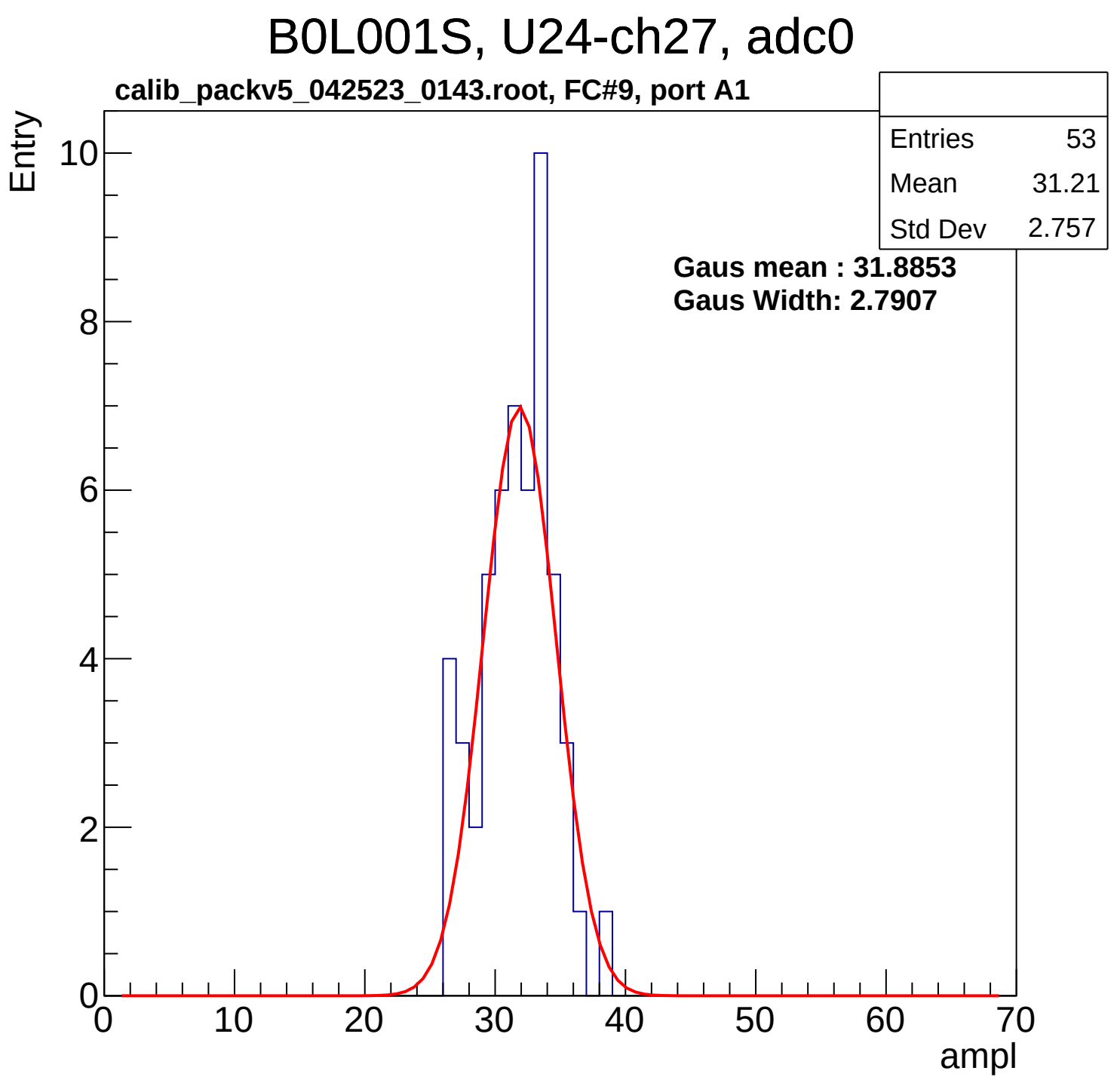
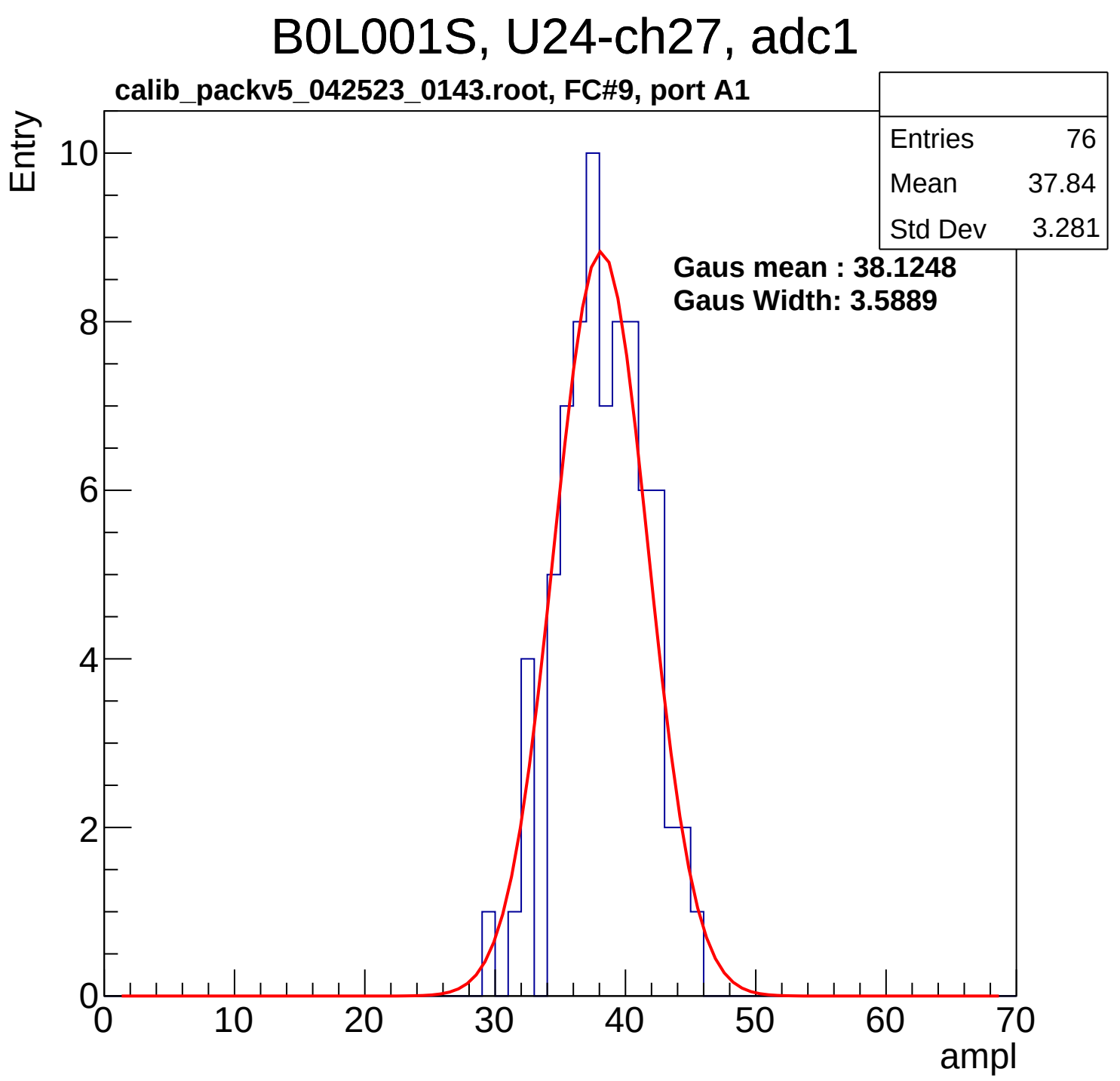
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch26, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch27, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 31.21
Std Dev 2.757
Gaus mean : 31.8853
Gaus Width: 2.7907
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch27, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 37.84
Std Dev 3.281
Gaus mean : 38.1248
Gaus Width: 3.5889
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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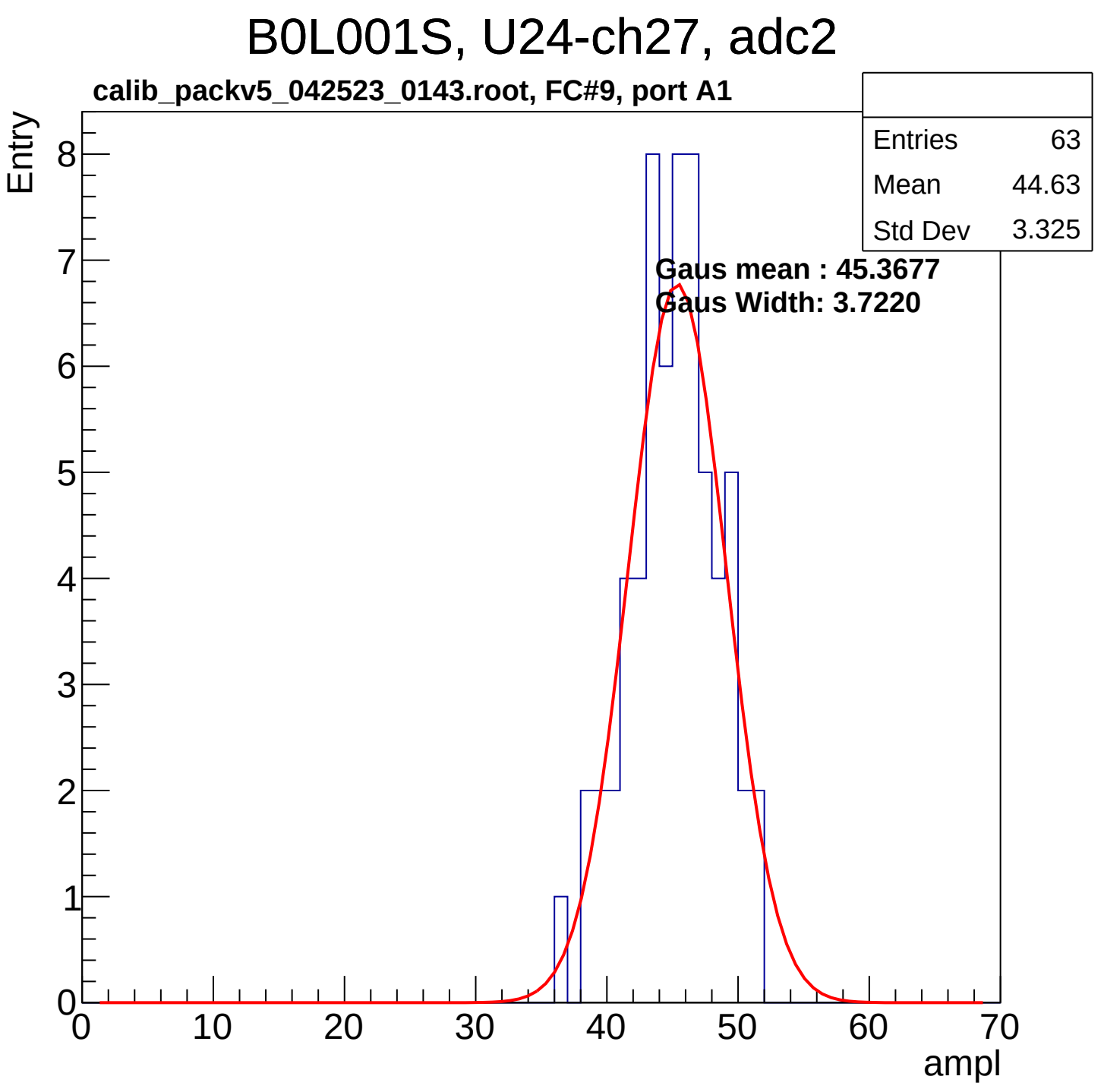
B0L001S, U24-ch27, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 44.63
Std Dev 3.325
Gaus mean : 45.3677
Gaus Width: 3.7220
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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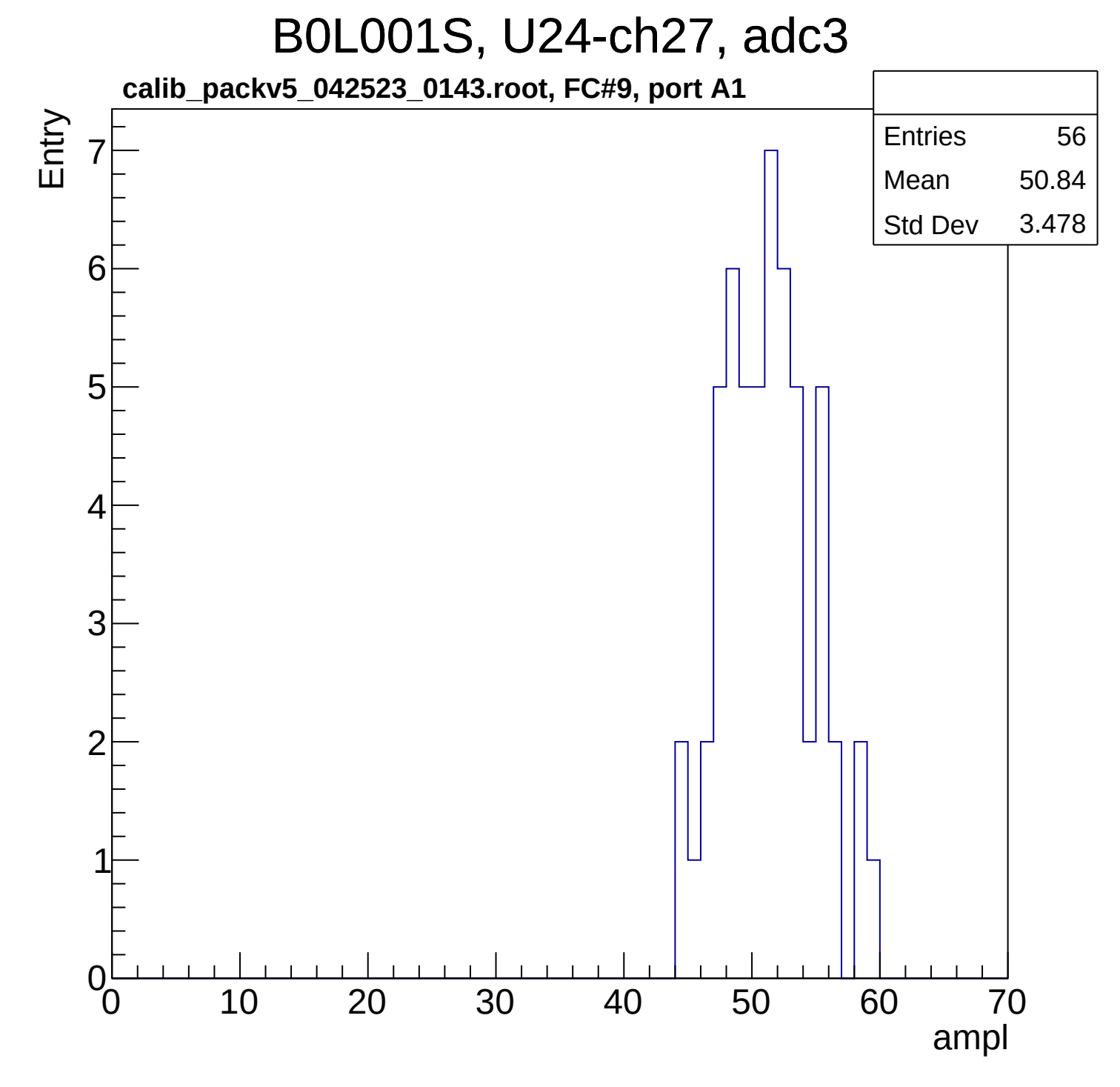
B0L001S, U24-ch27, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 50.84
Std Dev 3.478
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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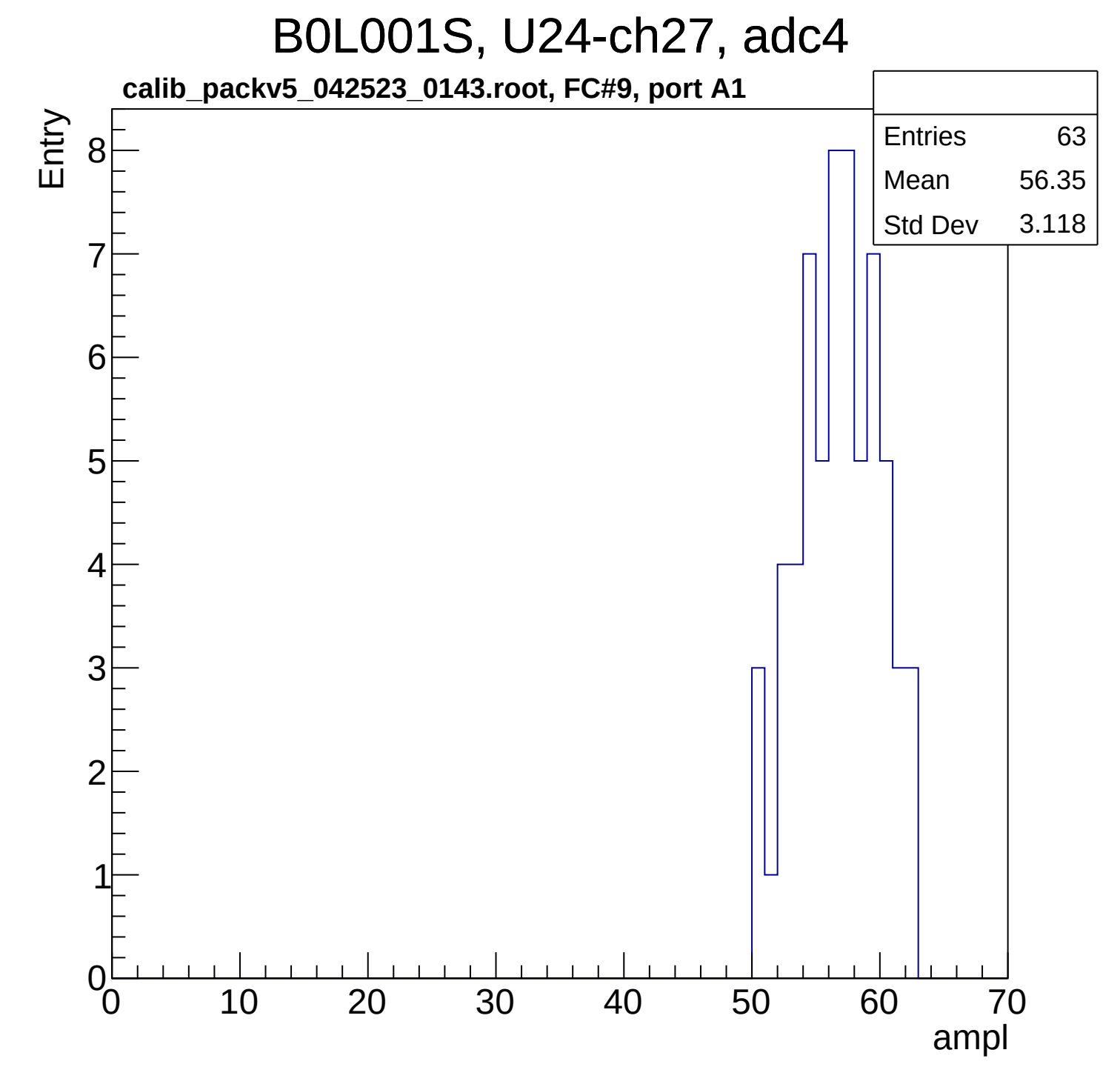
B0L001S, U24-ch27, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 56.35
Std Dev 3.118
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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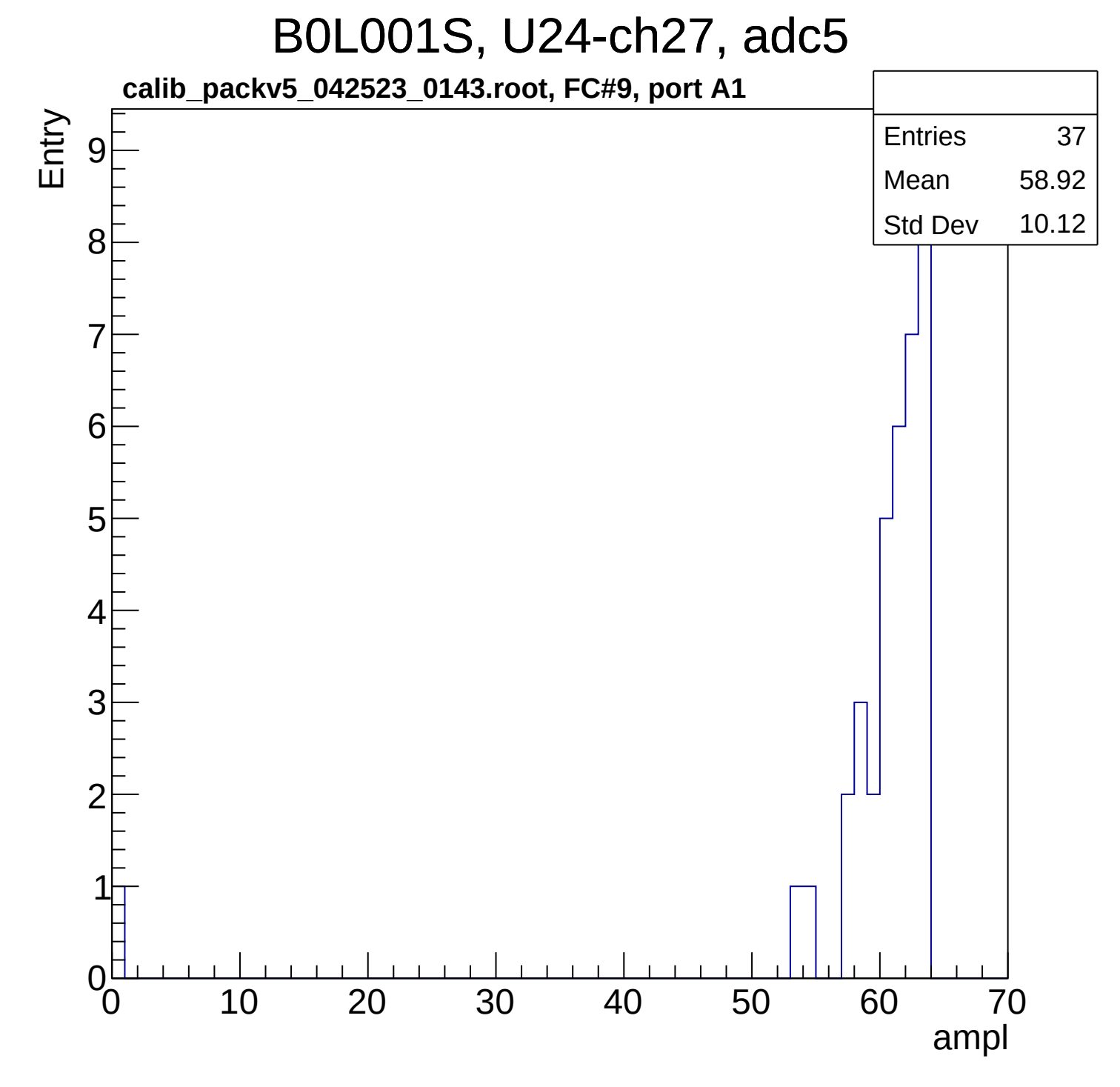
B0L001S, U24-ch27, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.92
Std Dev 10.12
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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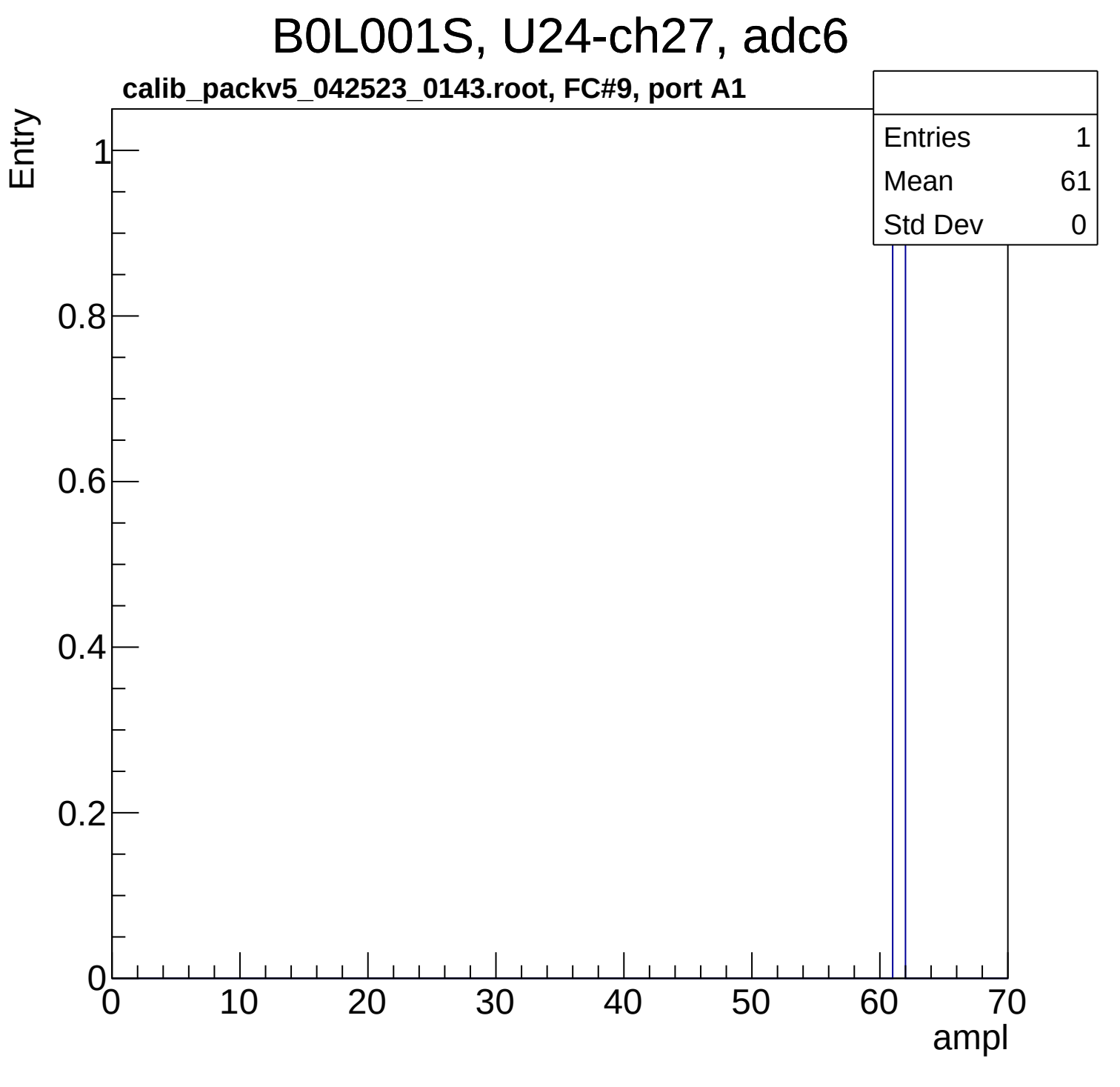
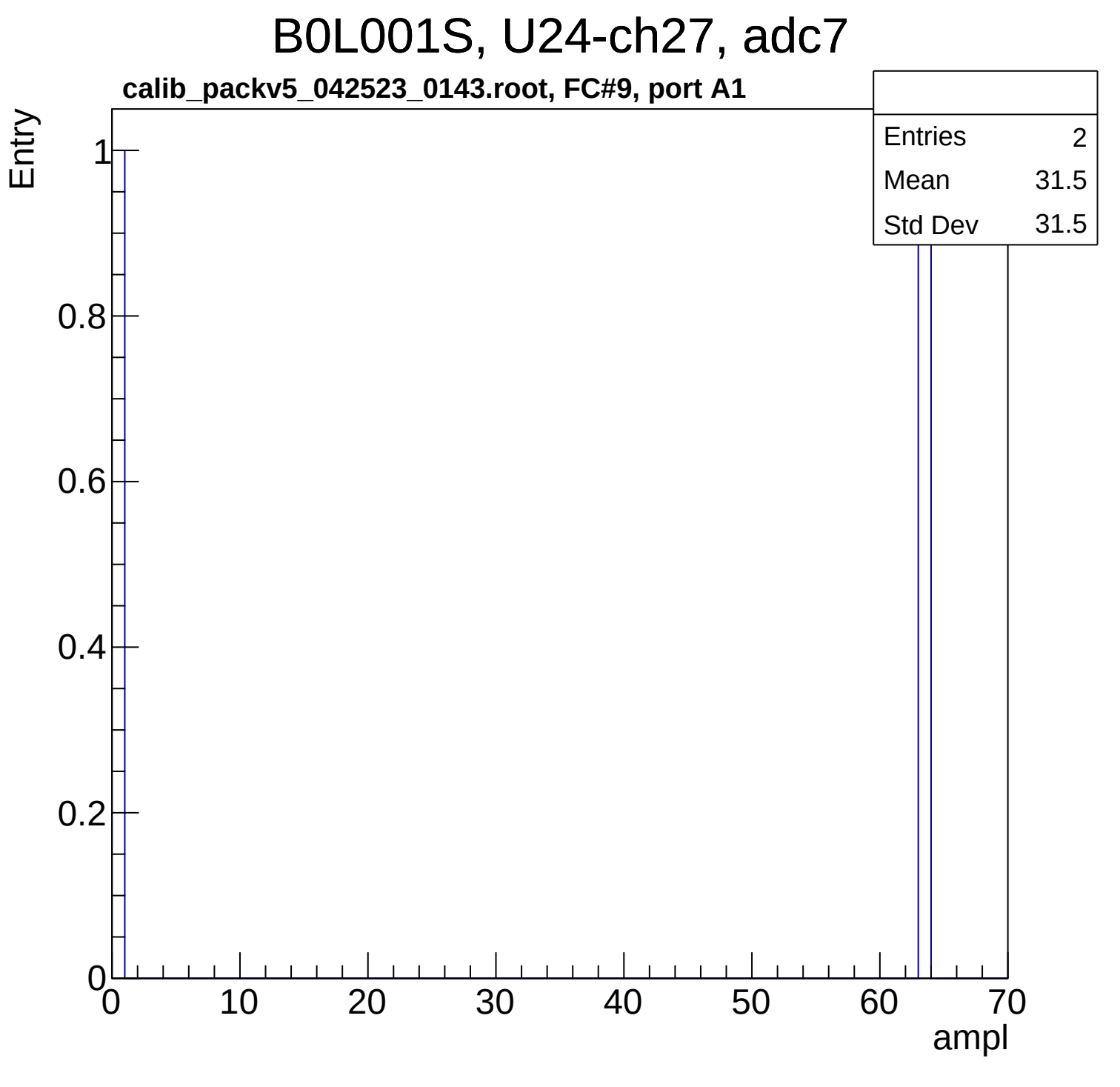
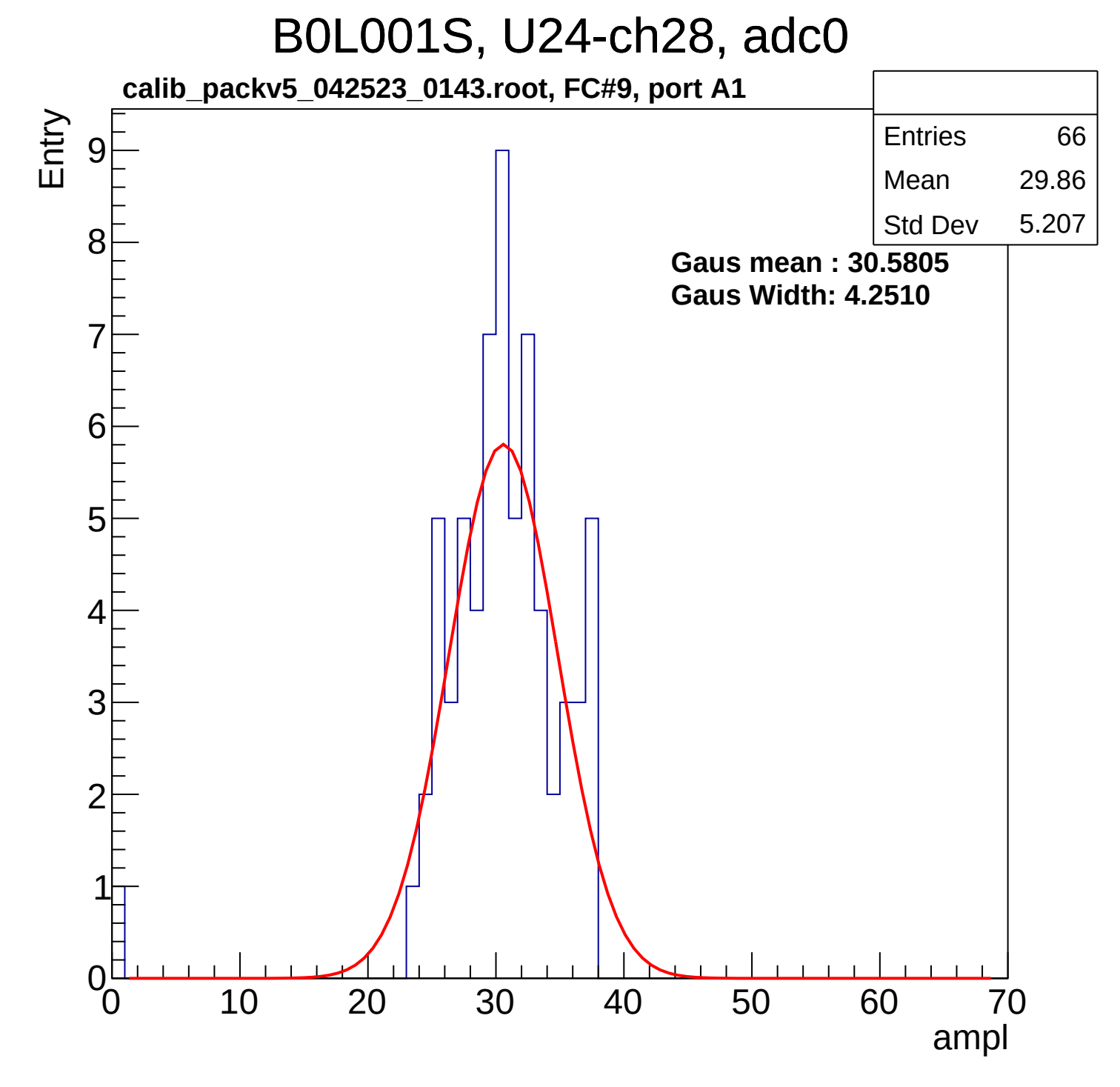
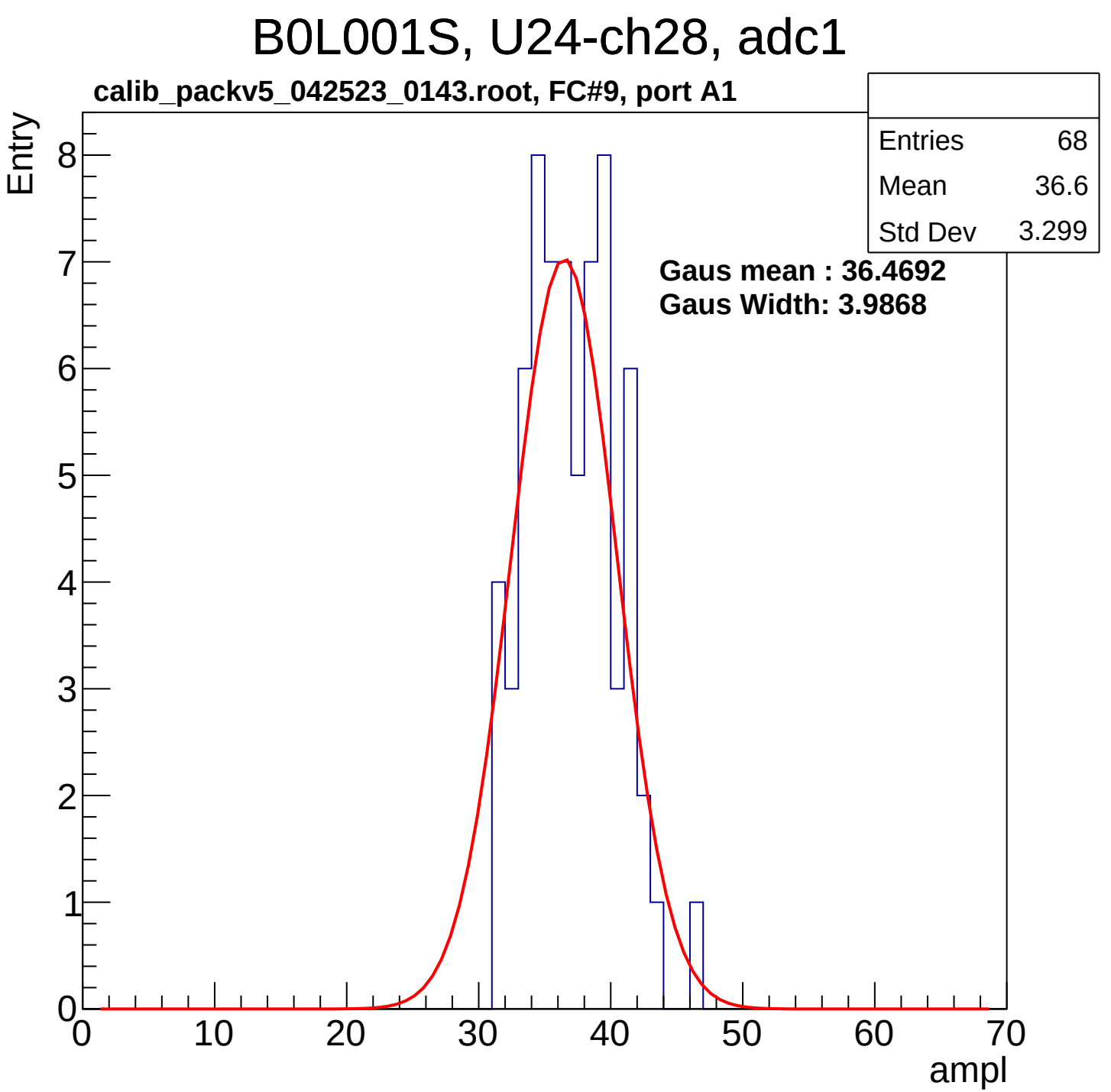
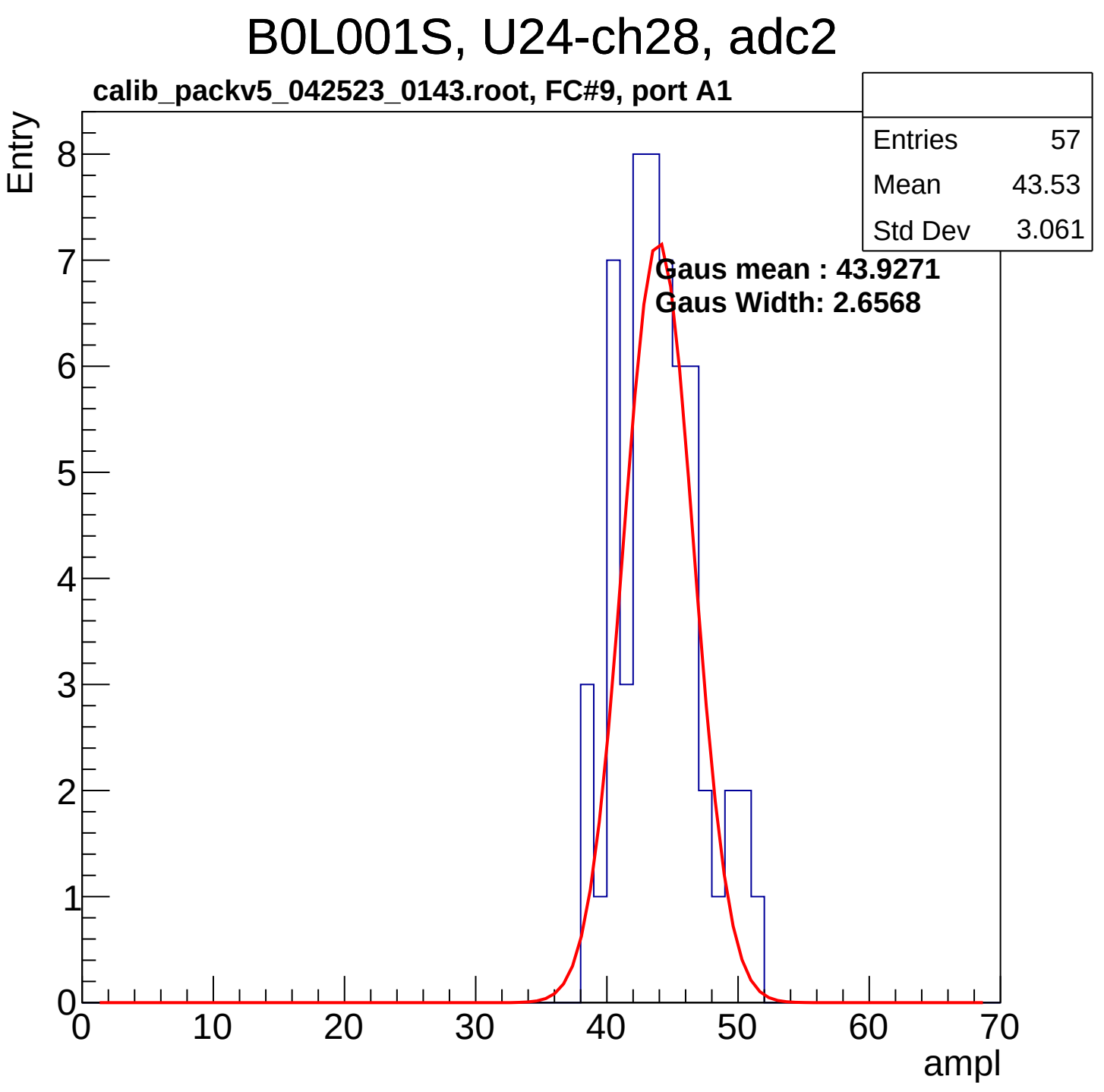
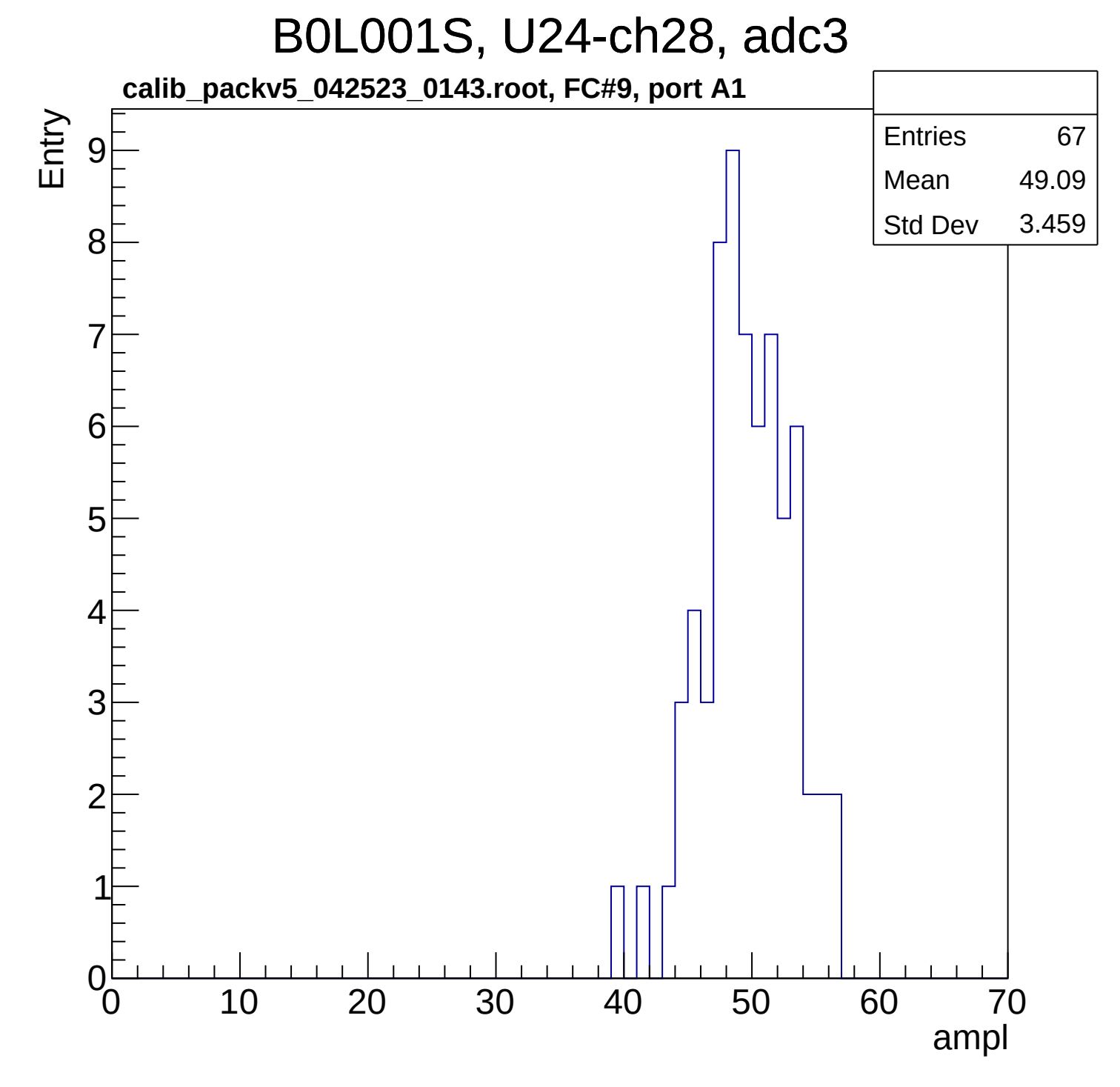

B0L001S, U24-ch27, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch27, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch28, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 29.86
Std Dev 5.207
Gaus mean : 30.5805
Gaus Width: 4.2510
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch28, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 36.6
Std Dev 3.299
Gaus mean : 36.4692
Gaus Width: 3.9868
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch28, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 43.53
Std Dev 3.061
Gaus mean : 43.9271
Gaus Width: 2.6568
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch28, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 49.09
Std Dev 3.459
Entry
ampl
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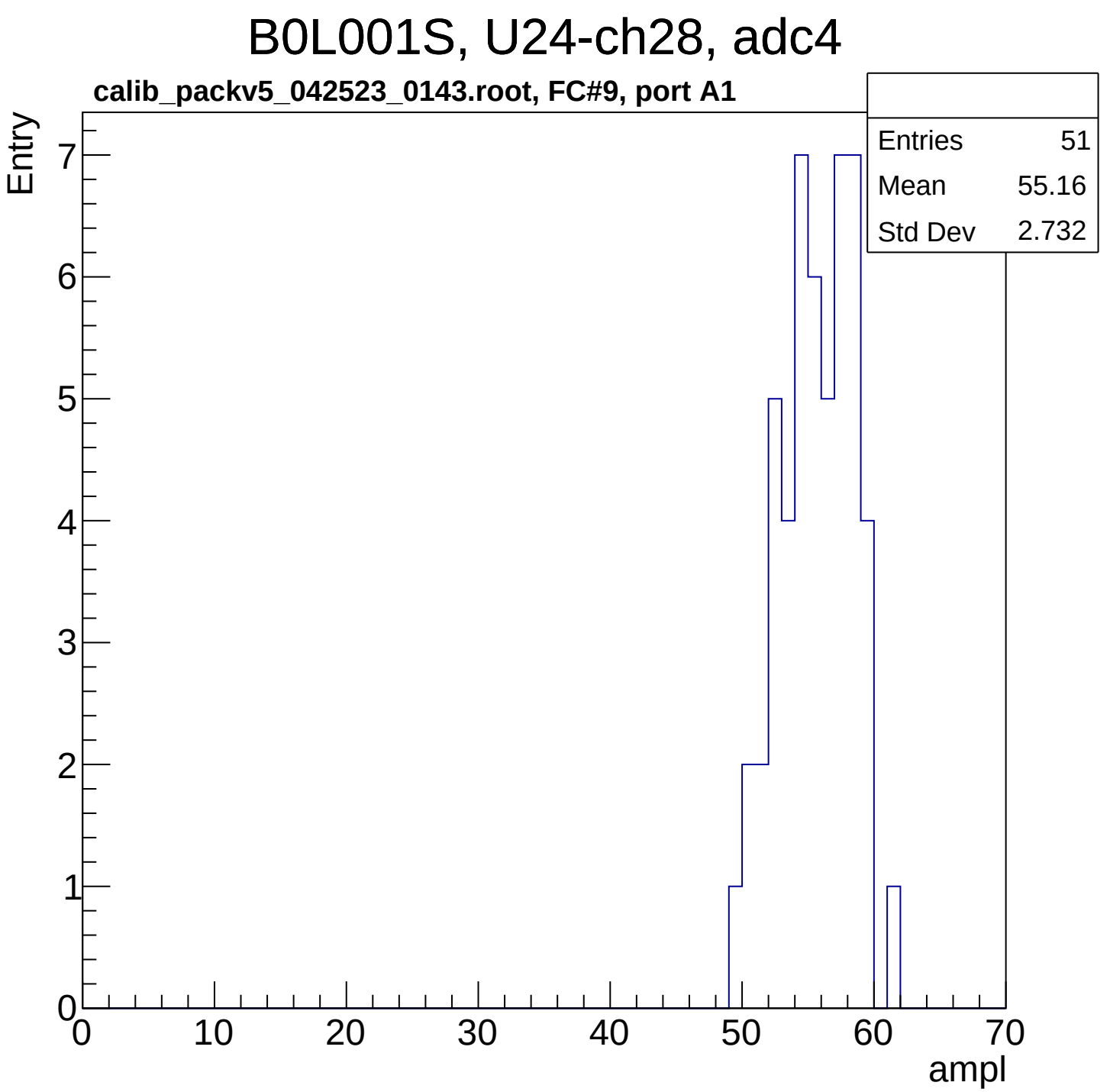
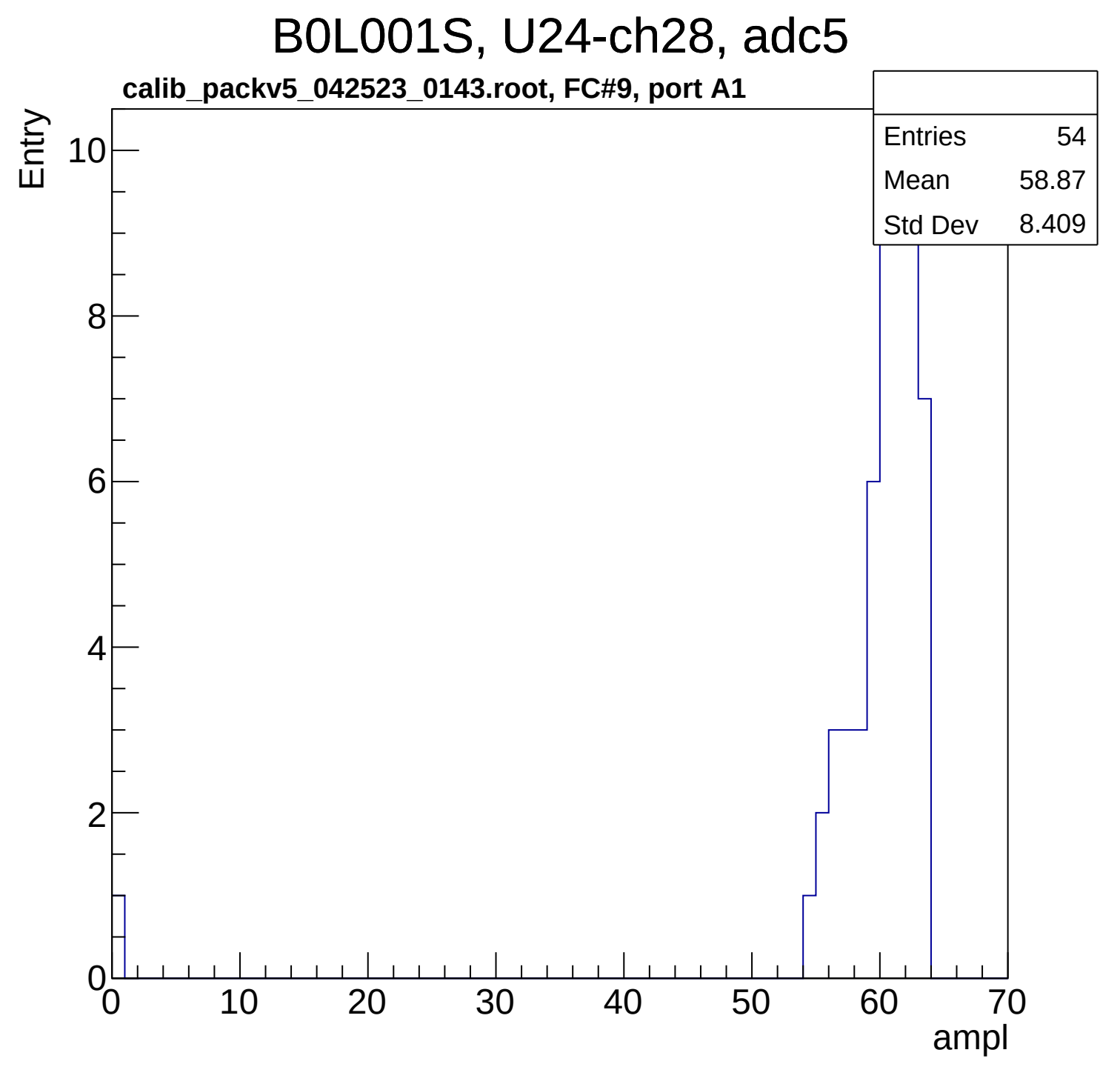
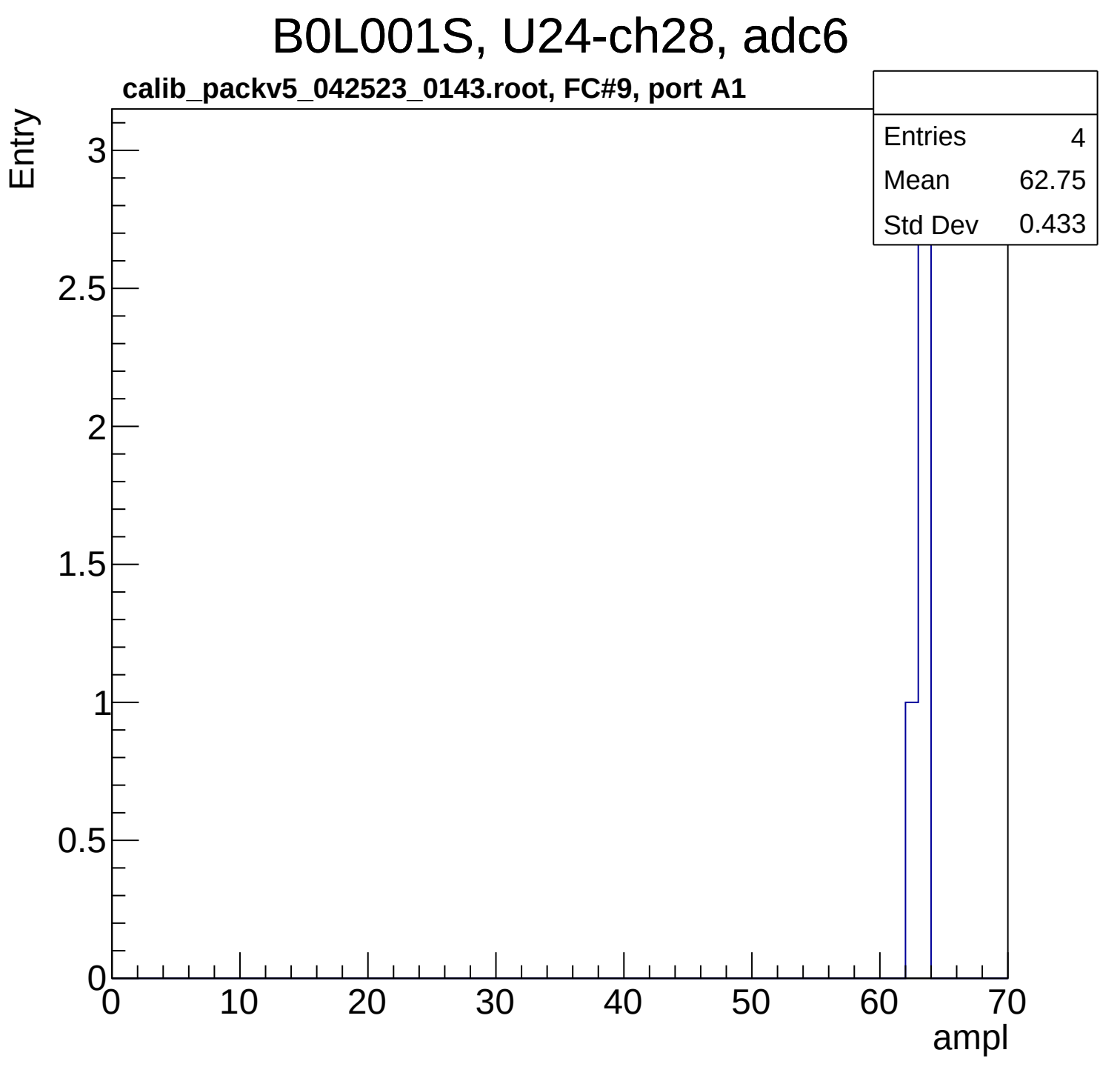
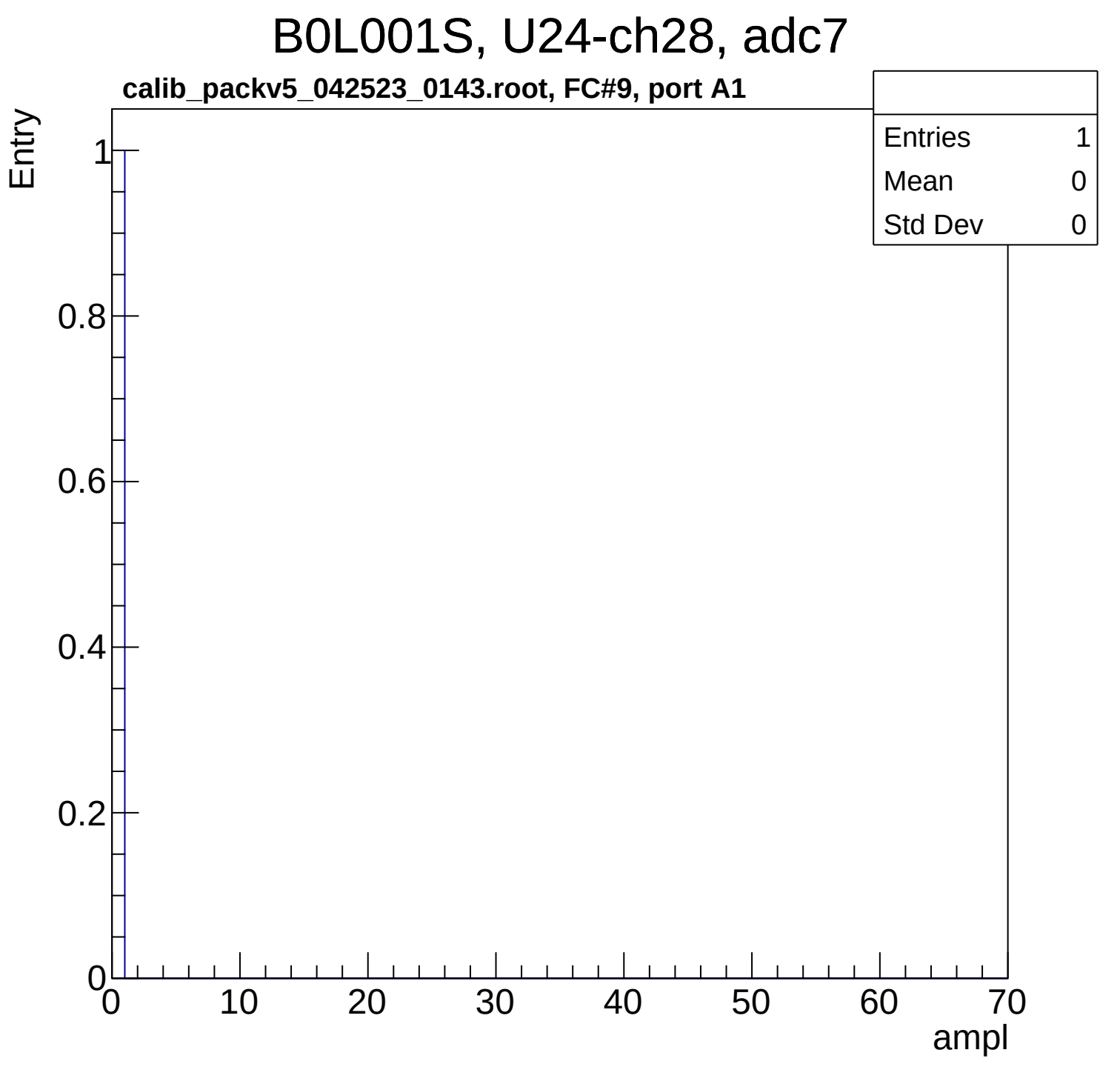
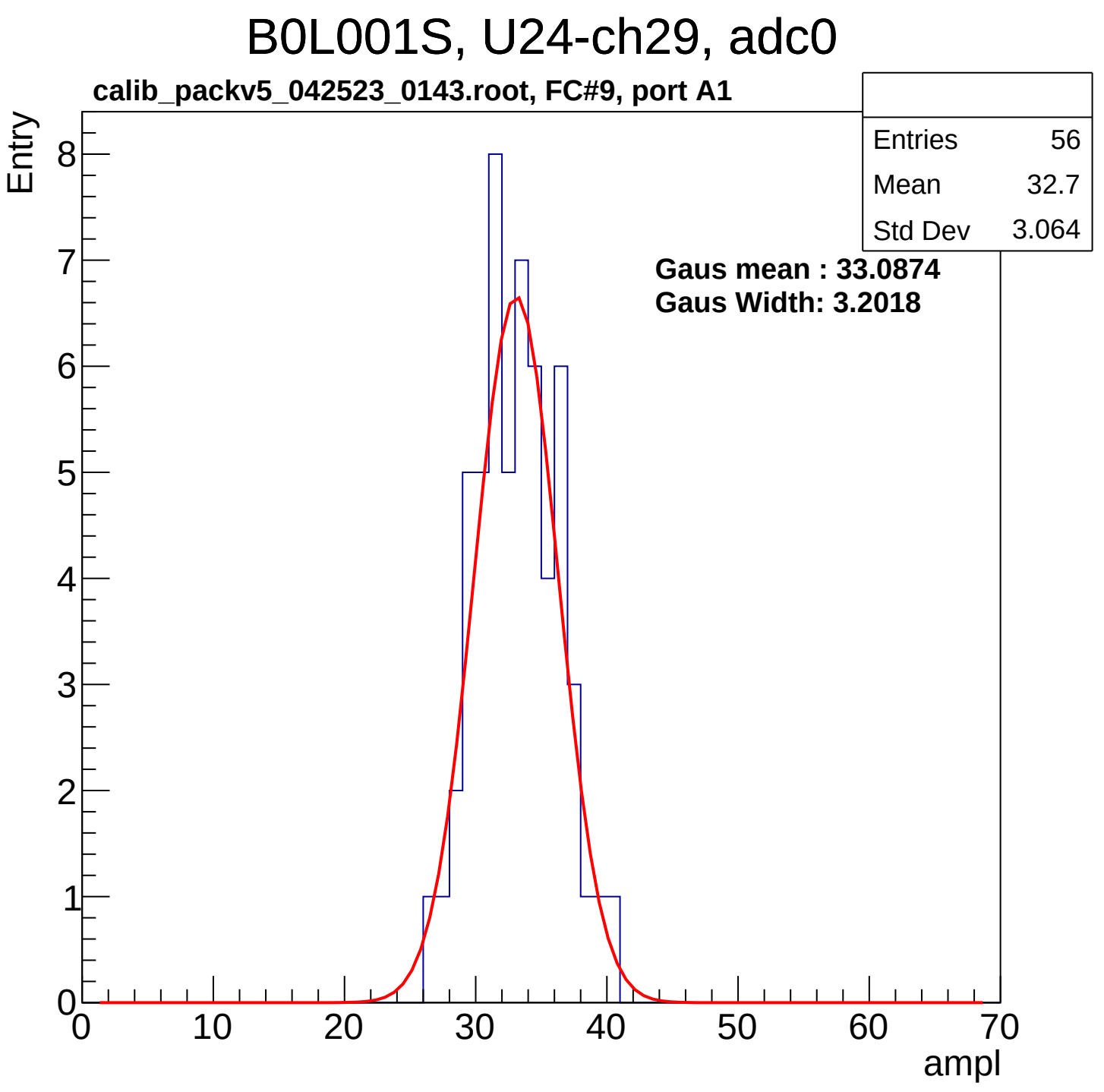
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

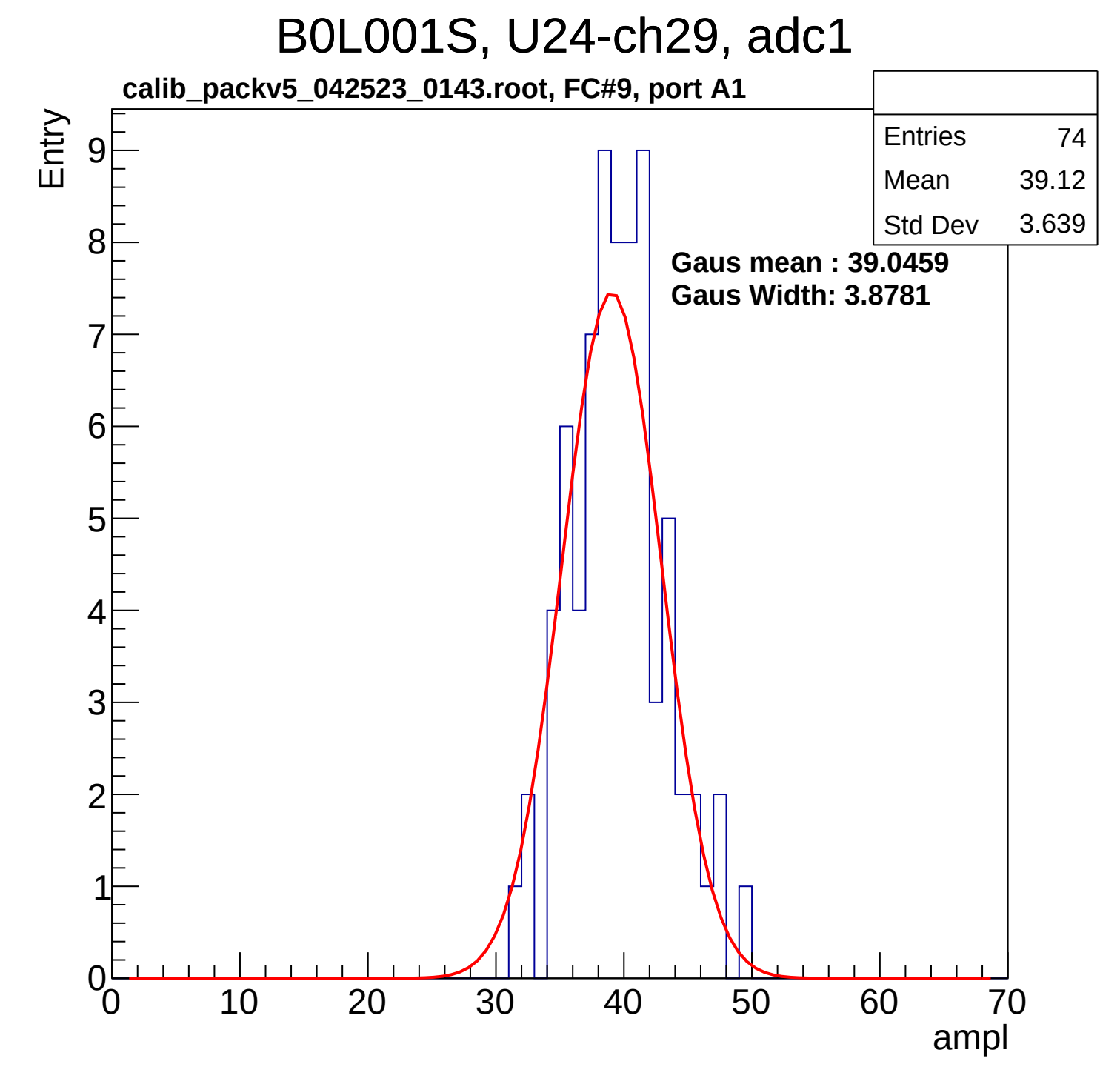

B0L001S, U24-ch28, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 55.16
Std Dev 2.732
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

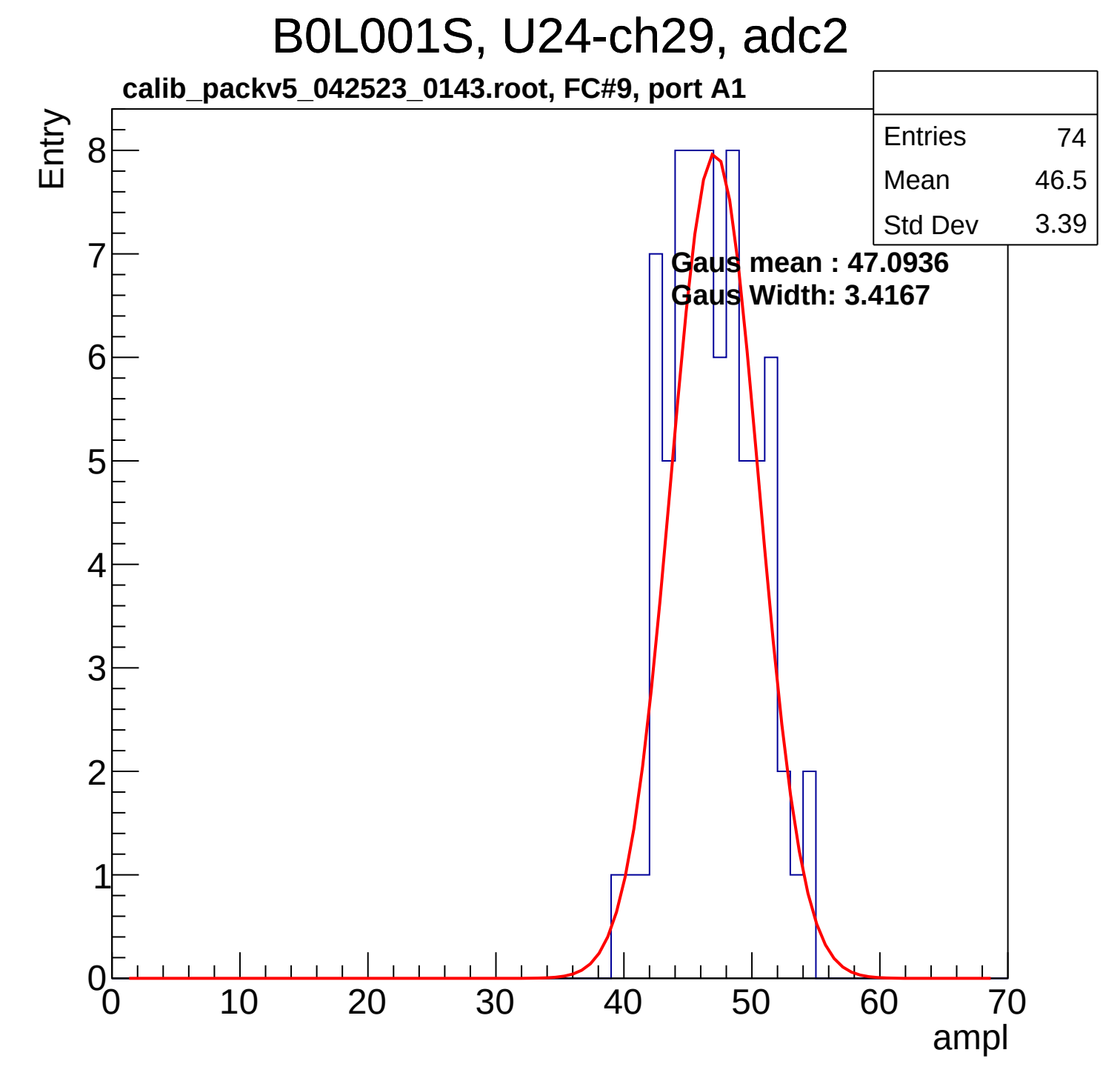

B0L001S, U24-ch28, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 58.87
Std Dev 8.409
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

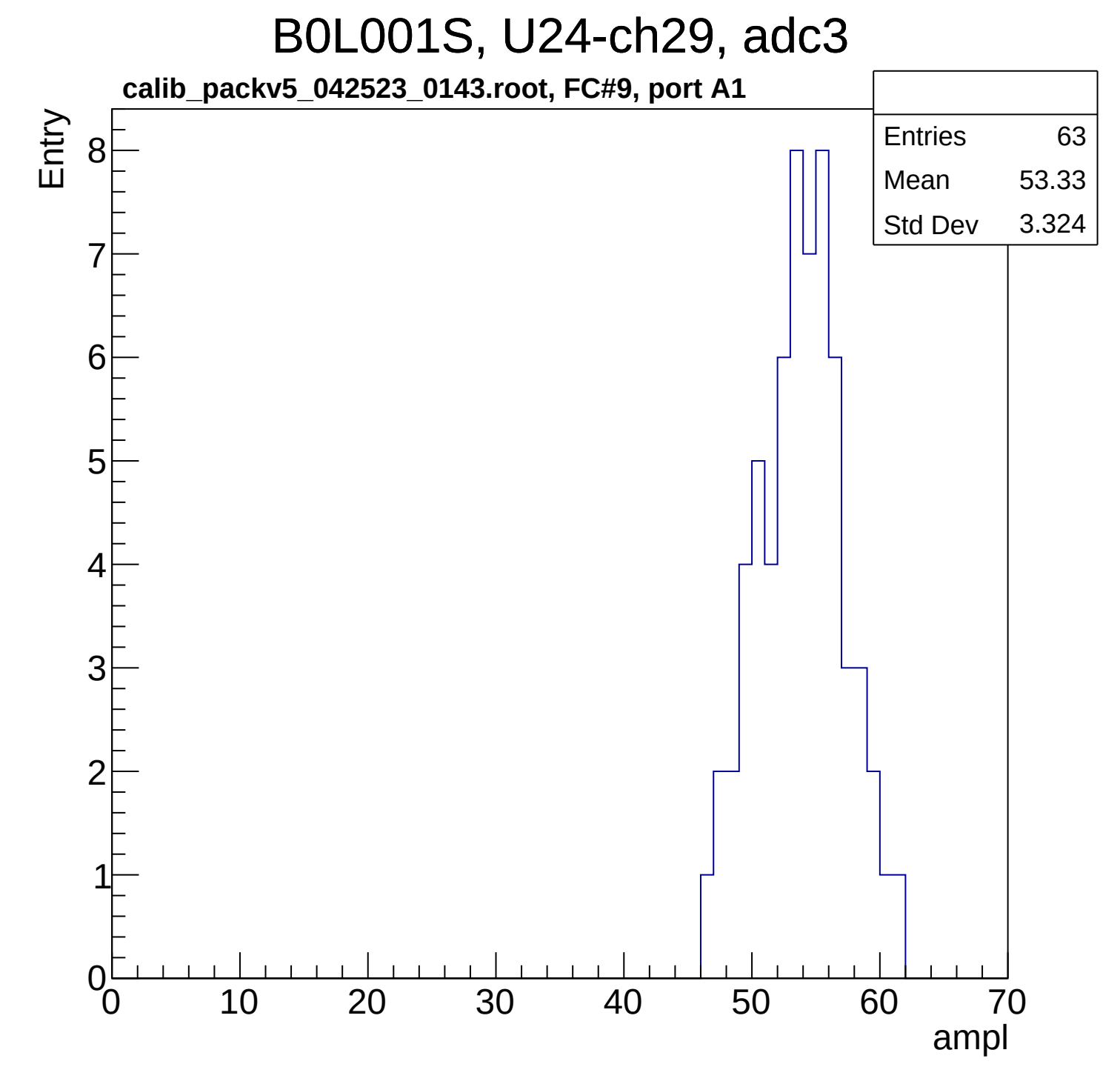

B0L001S, U24-ch28, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch28, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch29, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 32.7
Std Dev 3.064
Gaus mean : 33.0874
Gaus Width: 3.2018
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch29, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 39.12
Std Dev 3.639
Gaus mean : 39.0459
Gaus Width: 3.8781
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch29, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 46.5
Std Dev 3.39
Gaus mean : 47.0936
Gaus Width: 3.4167
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch29, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 53.33
Std Dev 3.324
Entry
ampl
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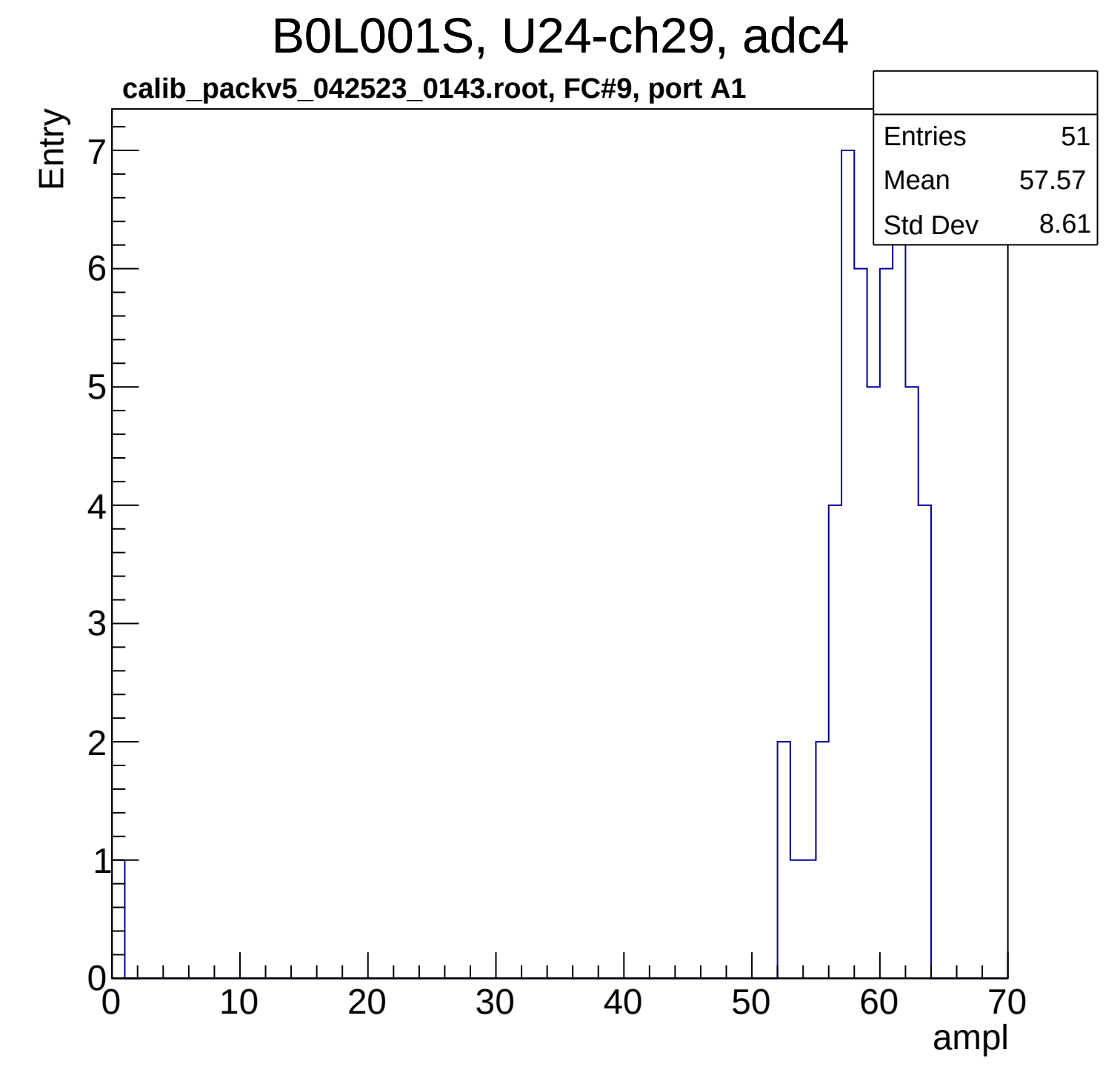
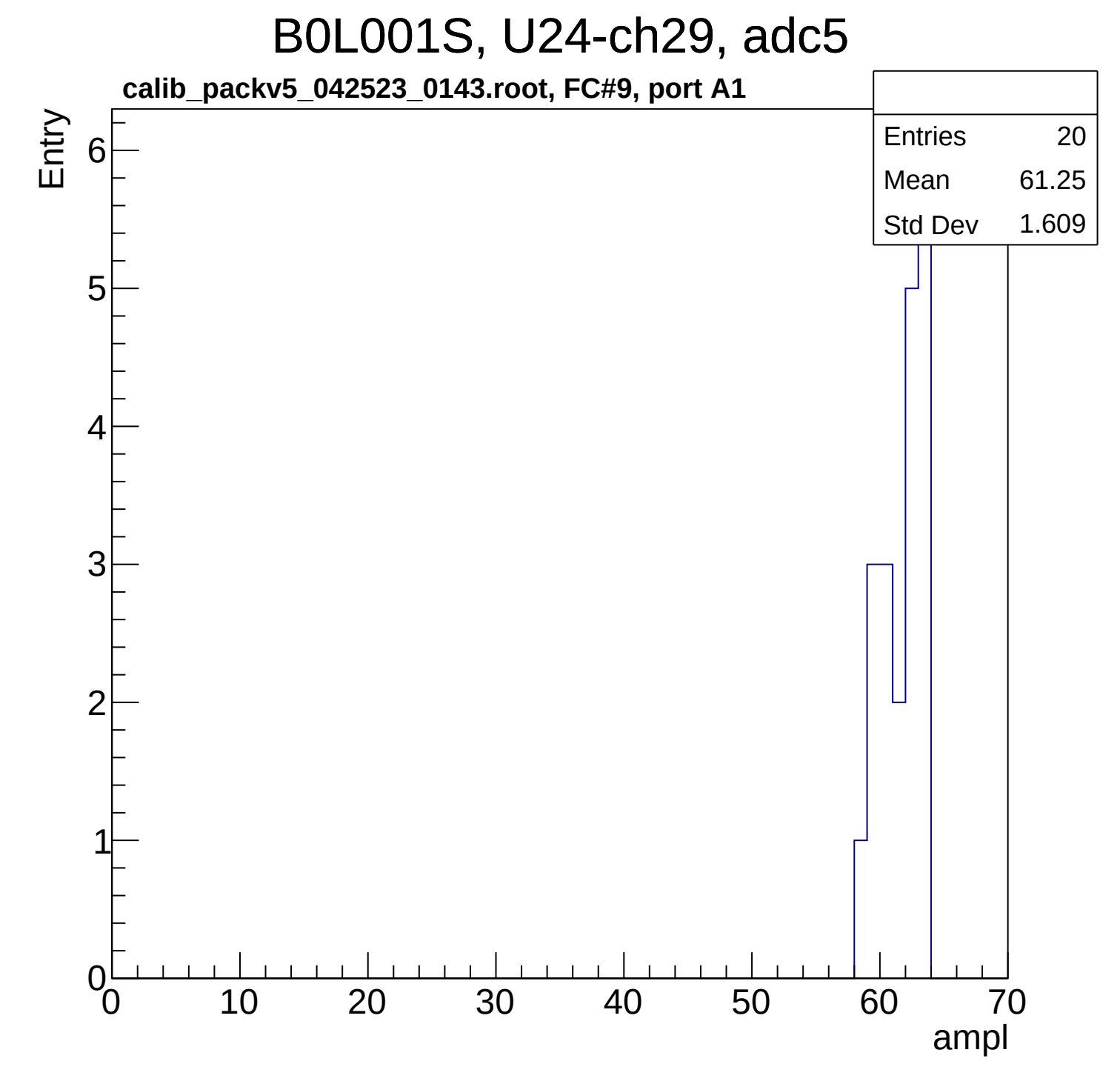
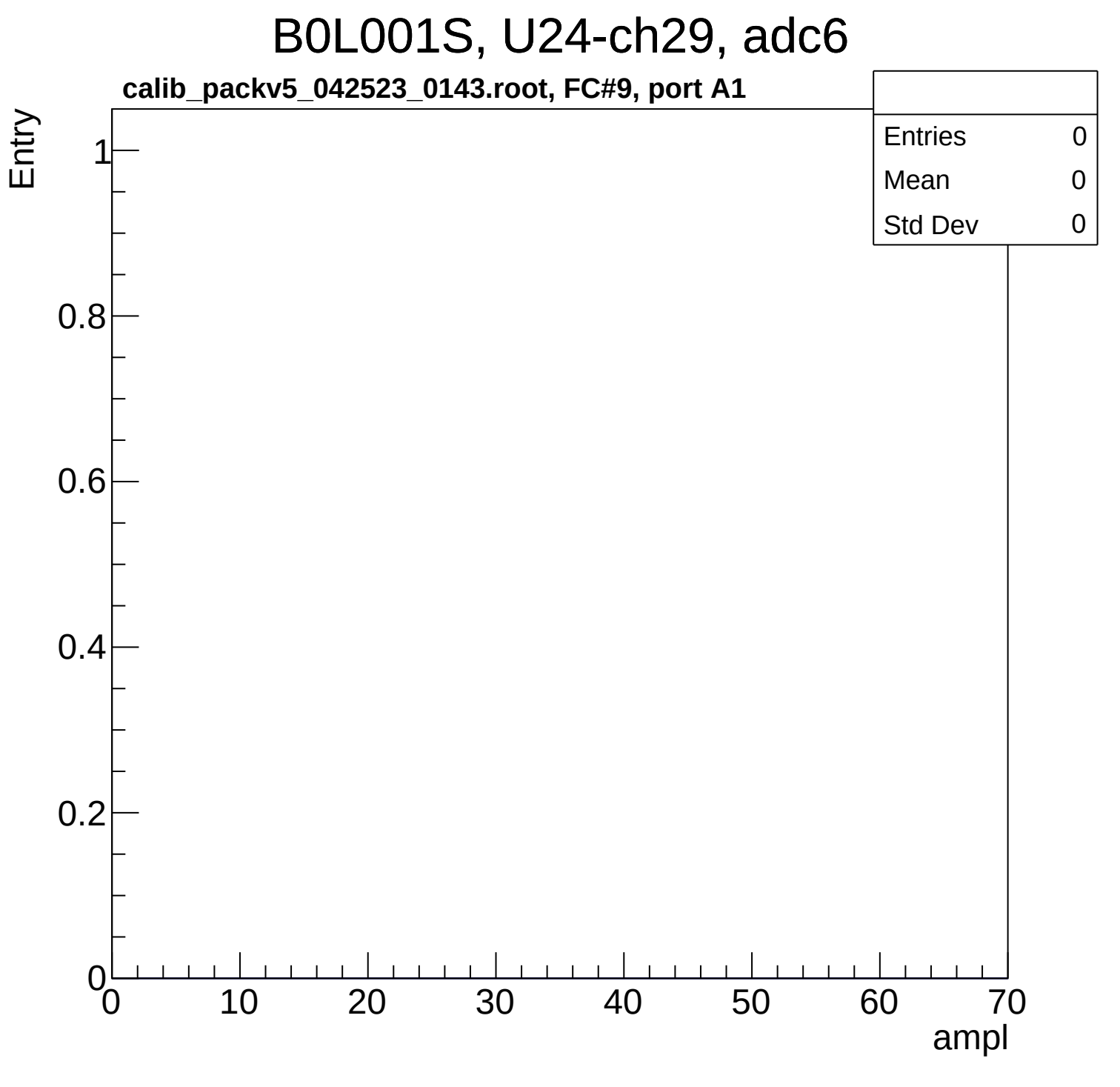
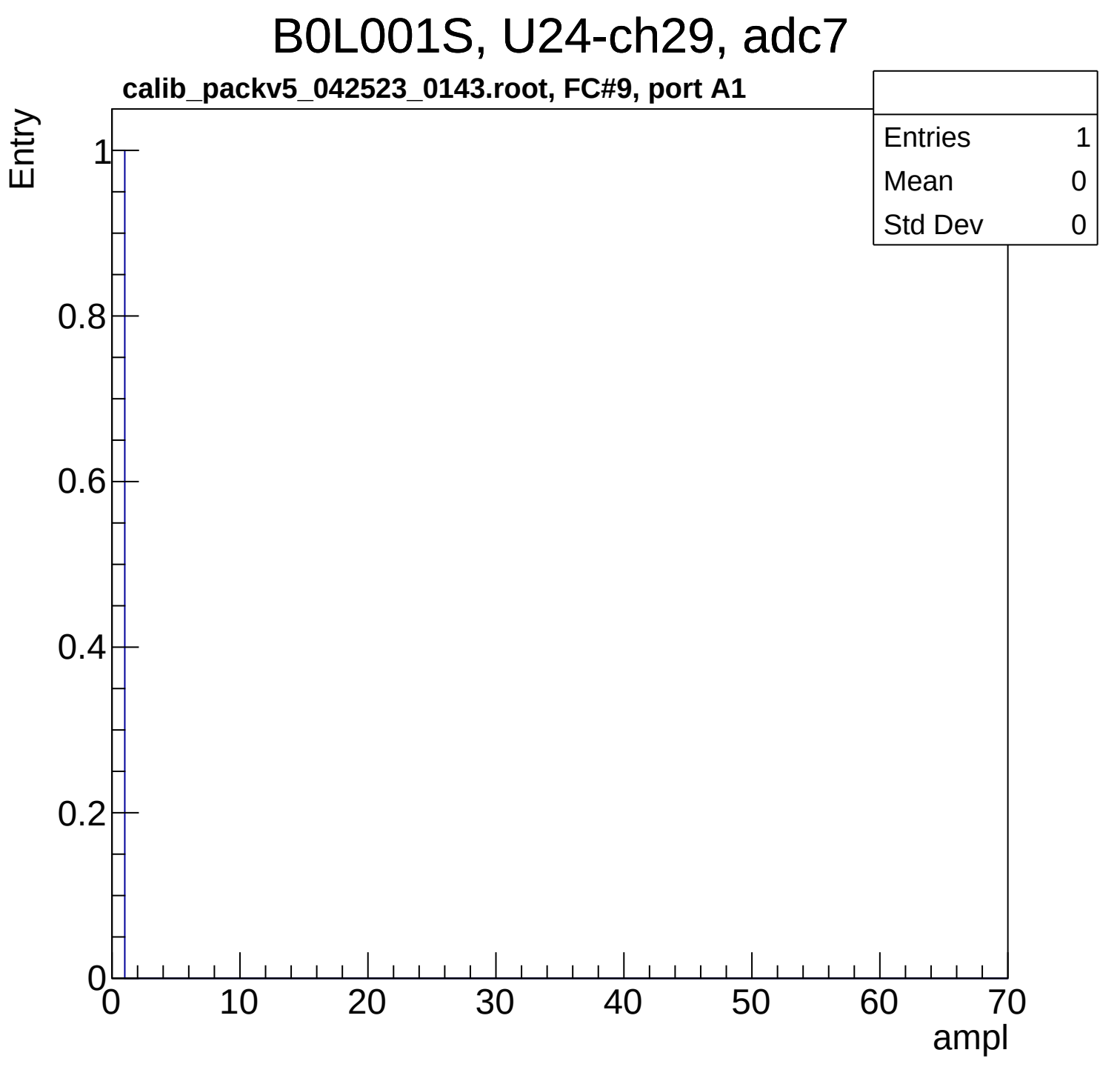
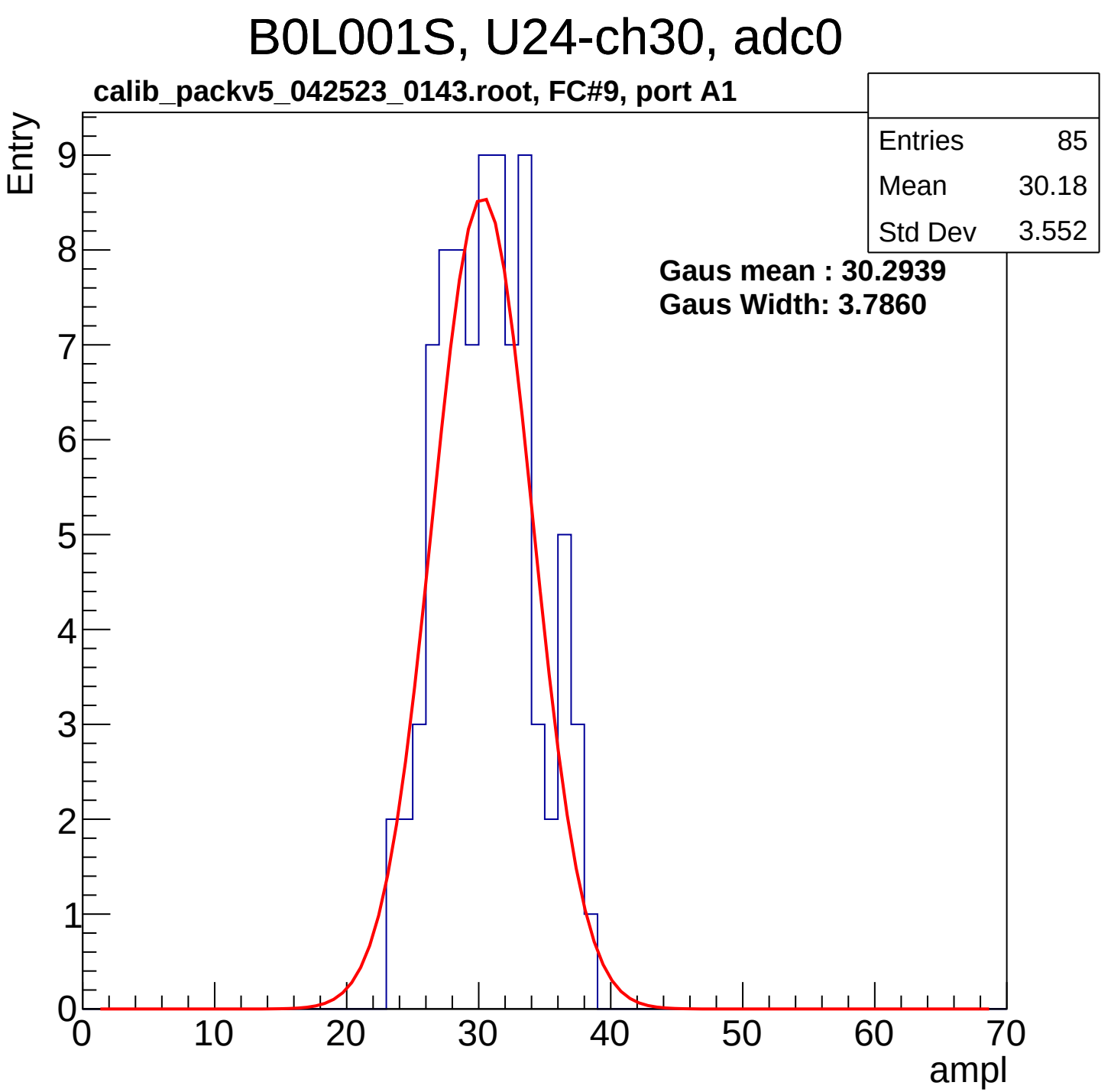
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

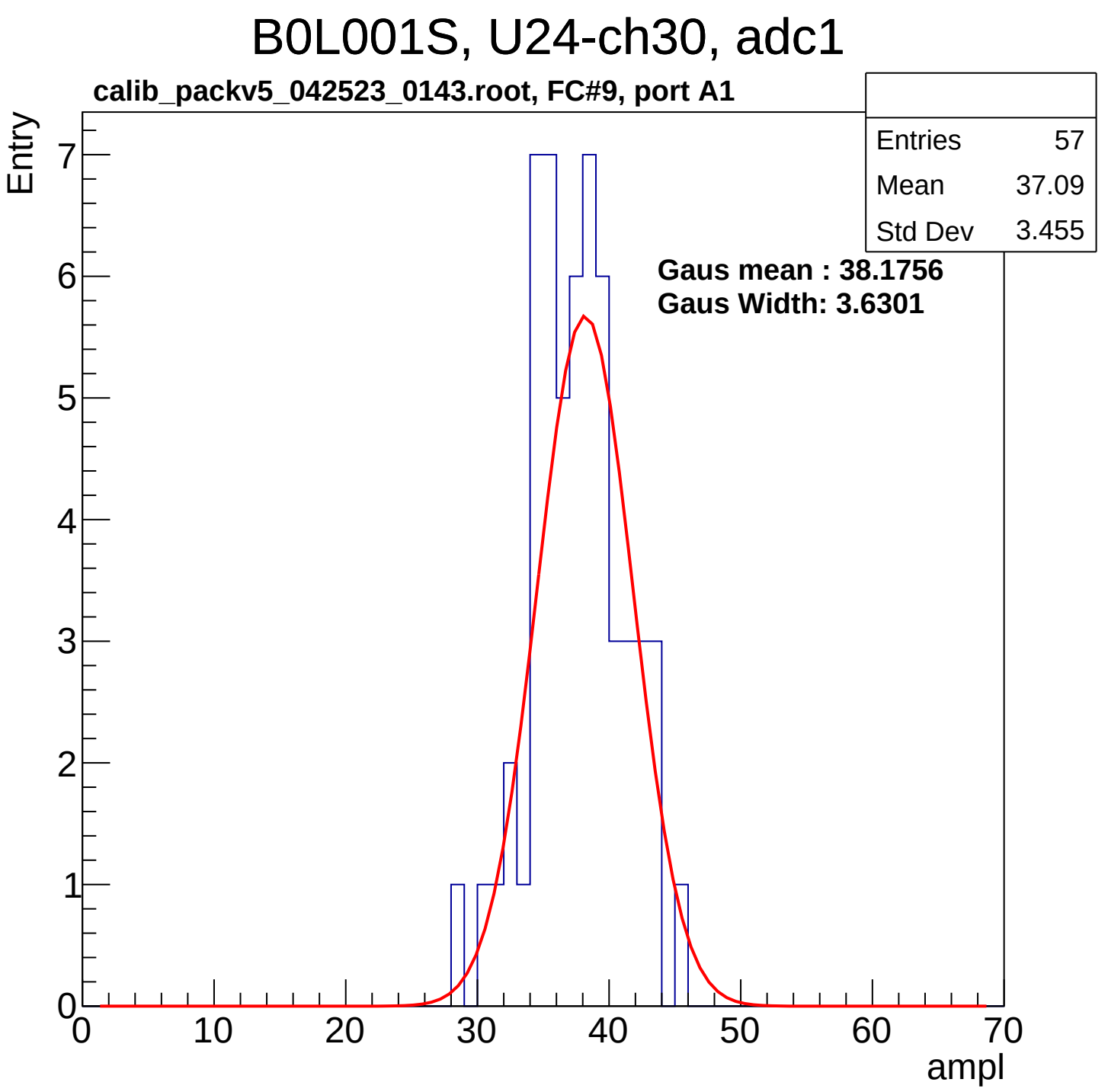

B0L001S, U24-ch29, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 57.57
Std Dev 8.61
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

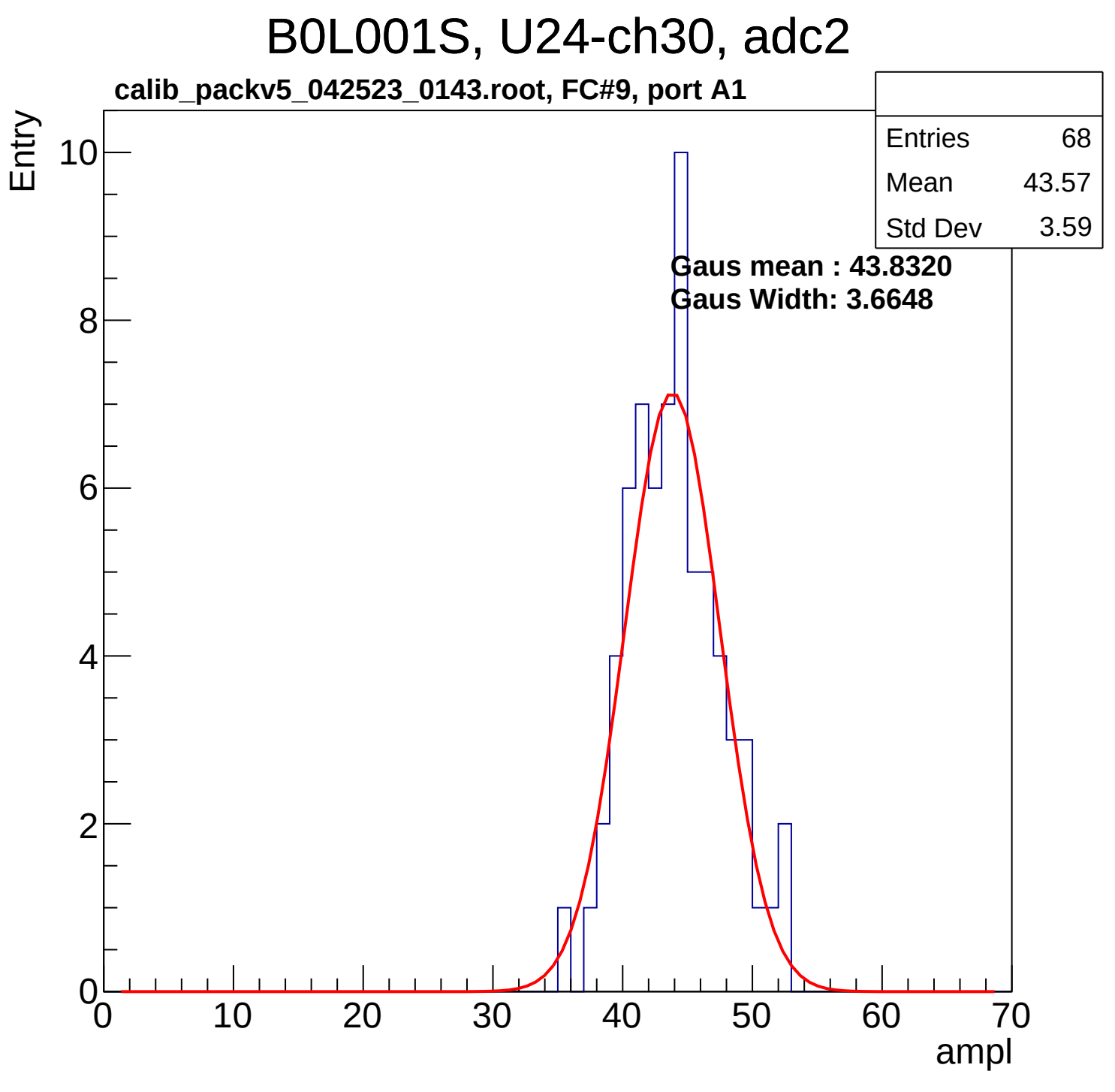

B0L001S, U24-ch29, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 20
Mean 61.25
Std Dev 1.609
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

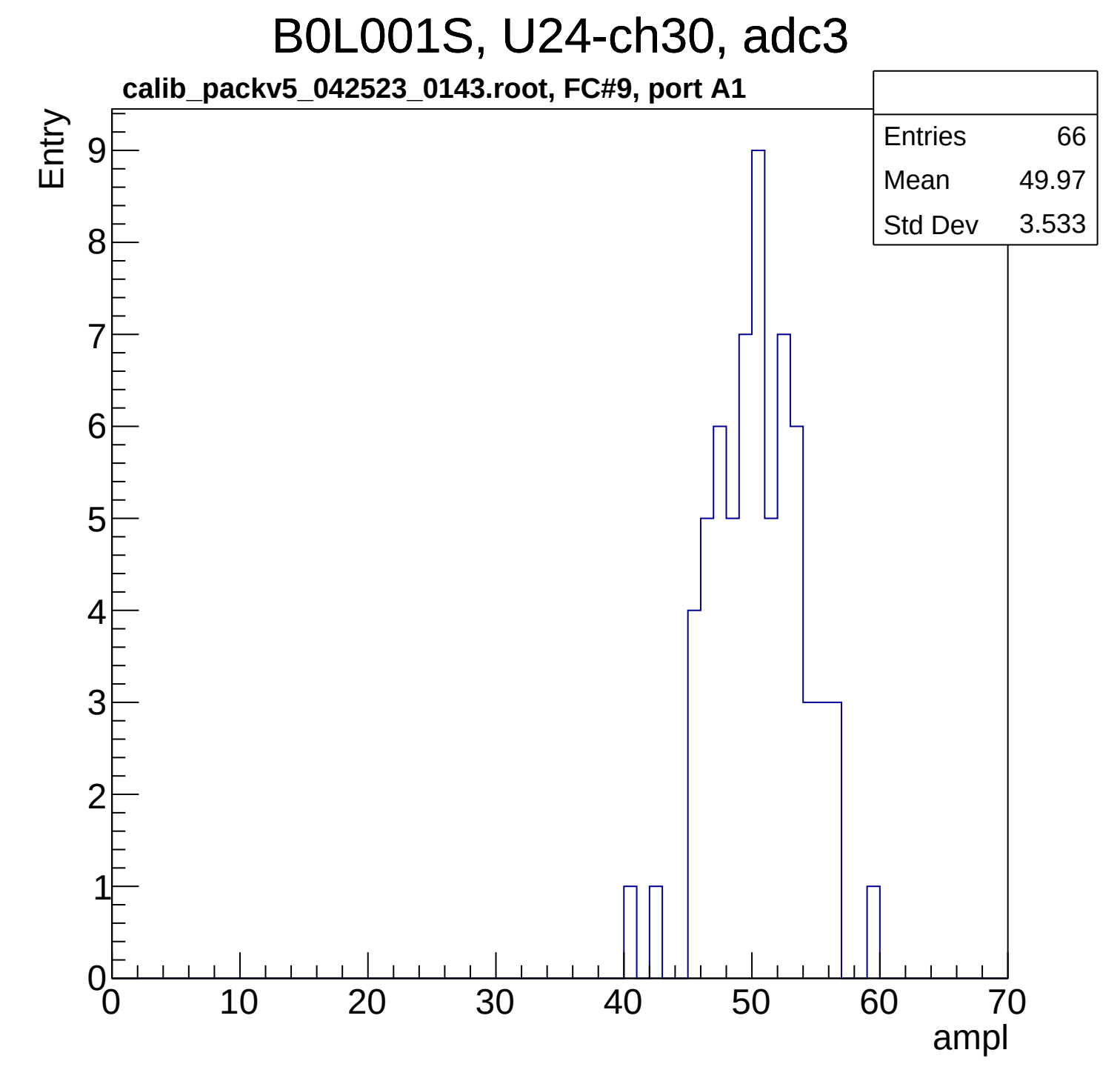

B0L001S, U24-ch29, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

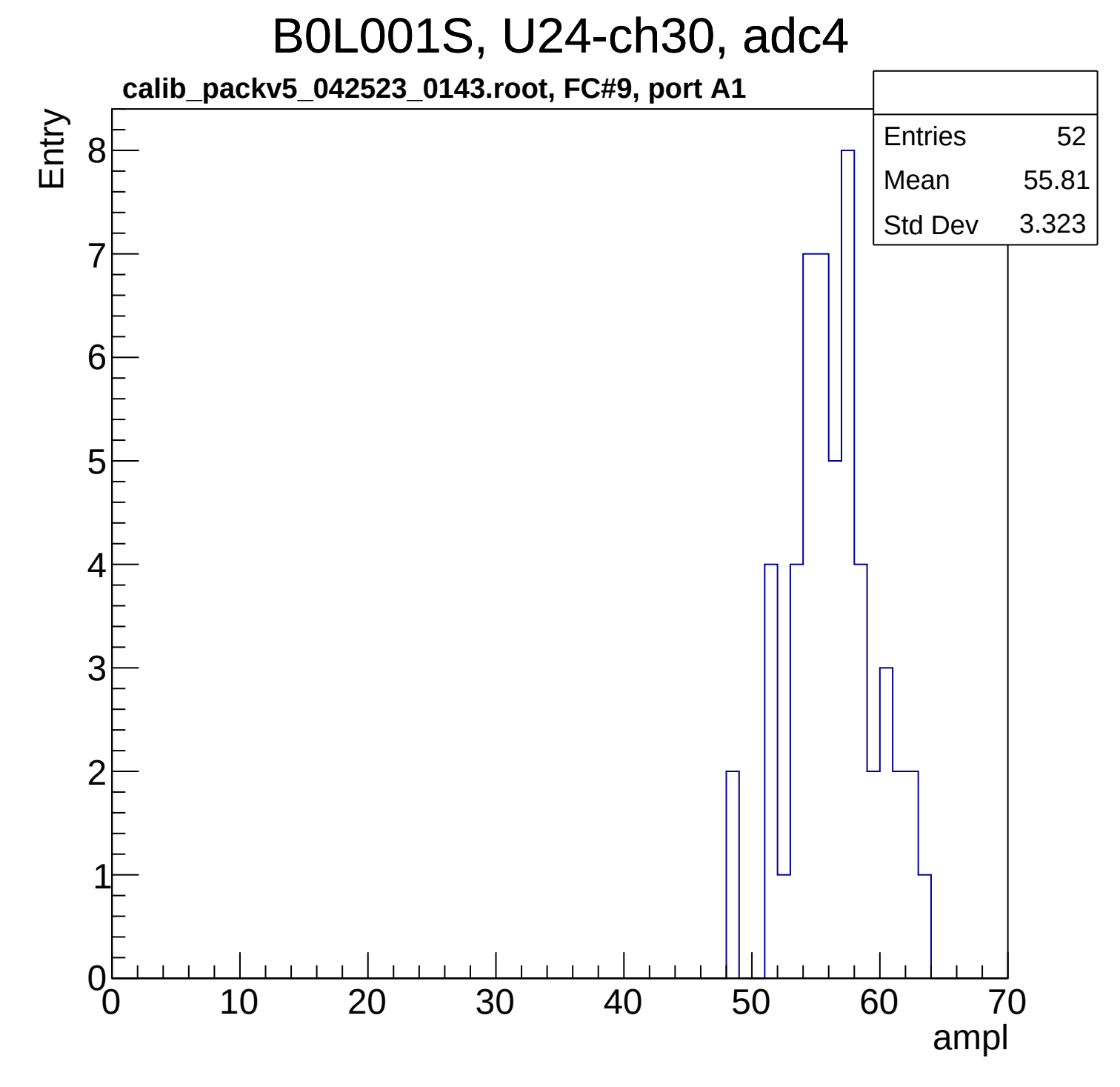

B0L001S, U24-ch29, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

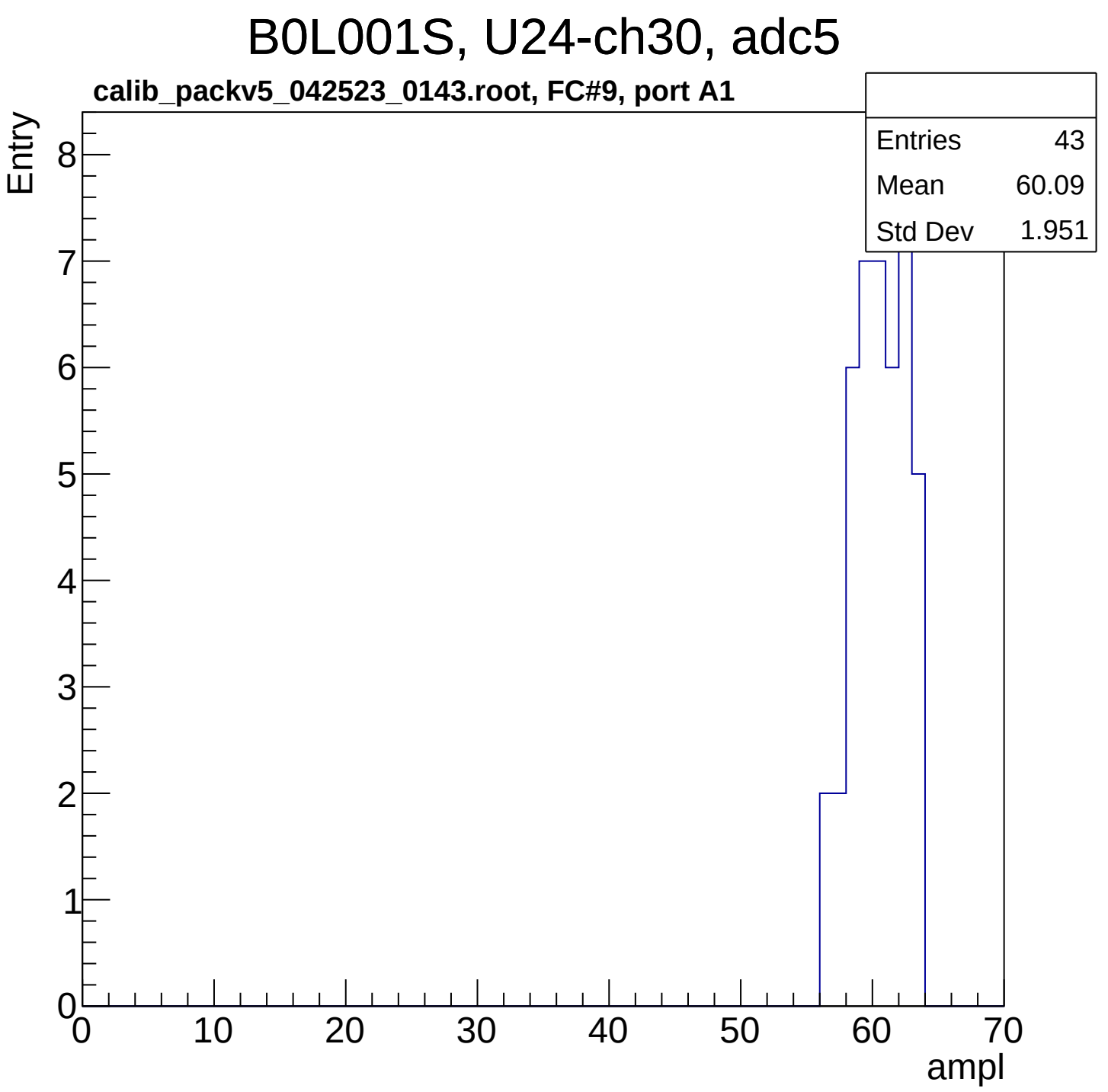

B0L001S, U24-ch30, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 85
Mean 30.18
Std Dev 3.552
Gaus mean : 30.2939
Gaus Width: 3.7860
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch30, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 37.09
Std Dev 3.455
Gaus mean : 38.1756
Gaus Width: 3.6301
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch30, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 43.57
Std Dev 3.59
Gaus mean : 43.8320
Gaus Width: 3.6648
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch30, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 49.97
Std Dev 3.533
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch30, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 55.81
Std Dev 3.323
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch30, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 60.09
Std Dev 1.951
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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60
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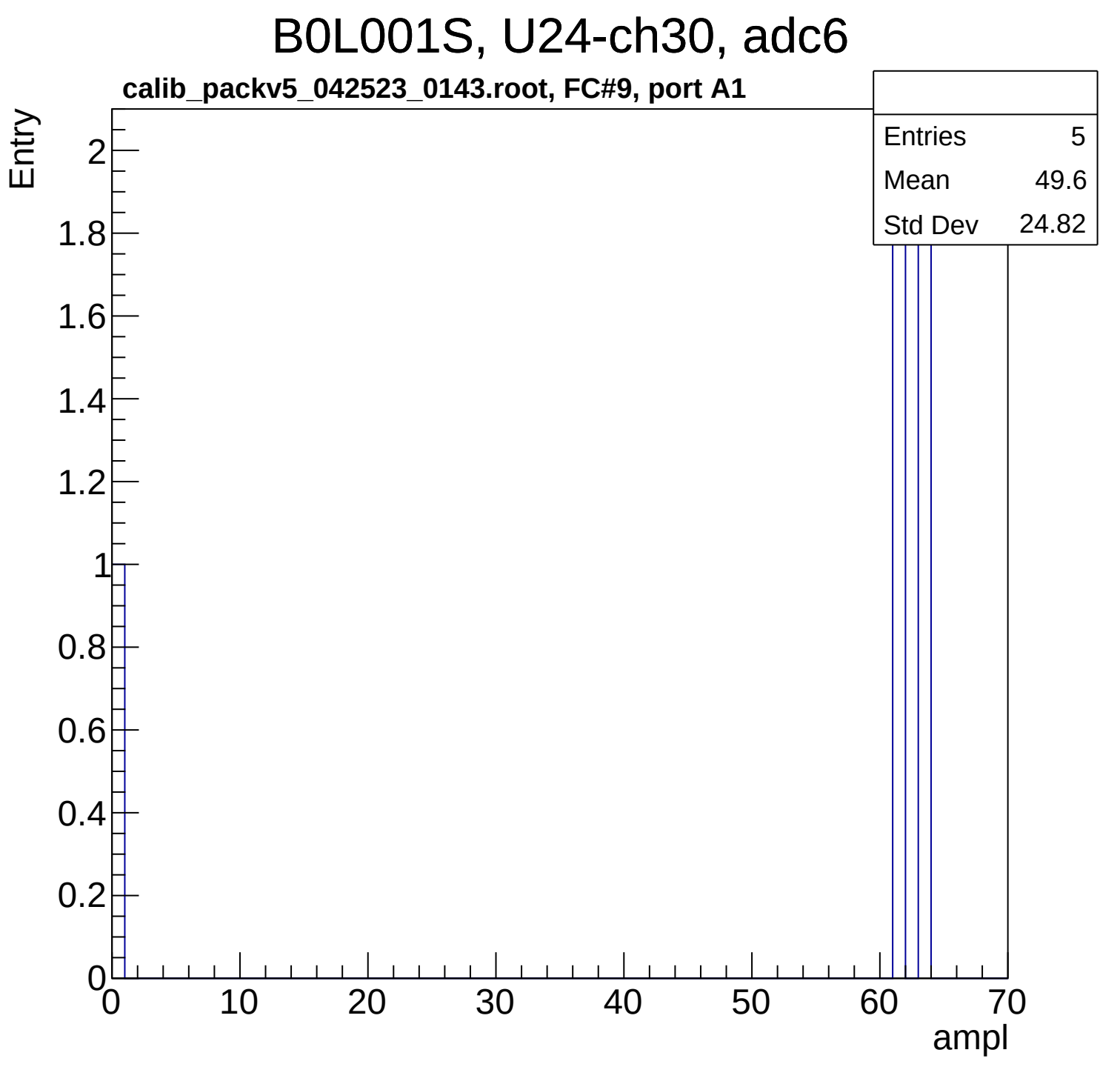
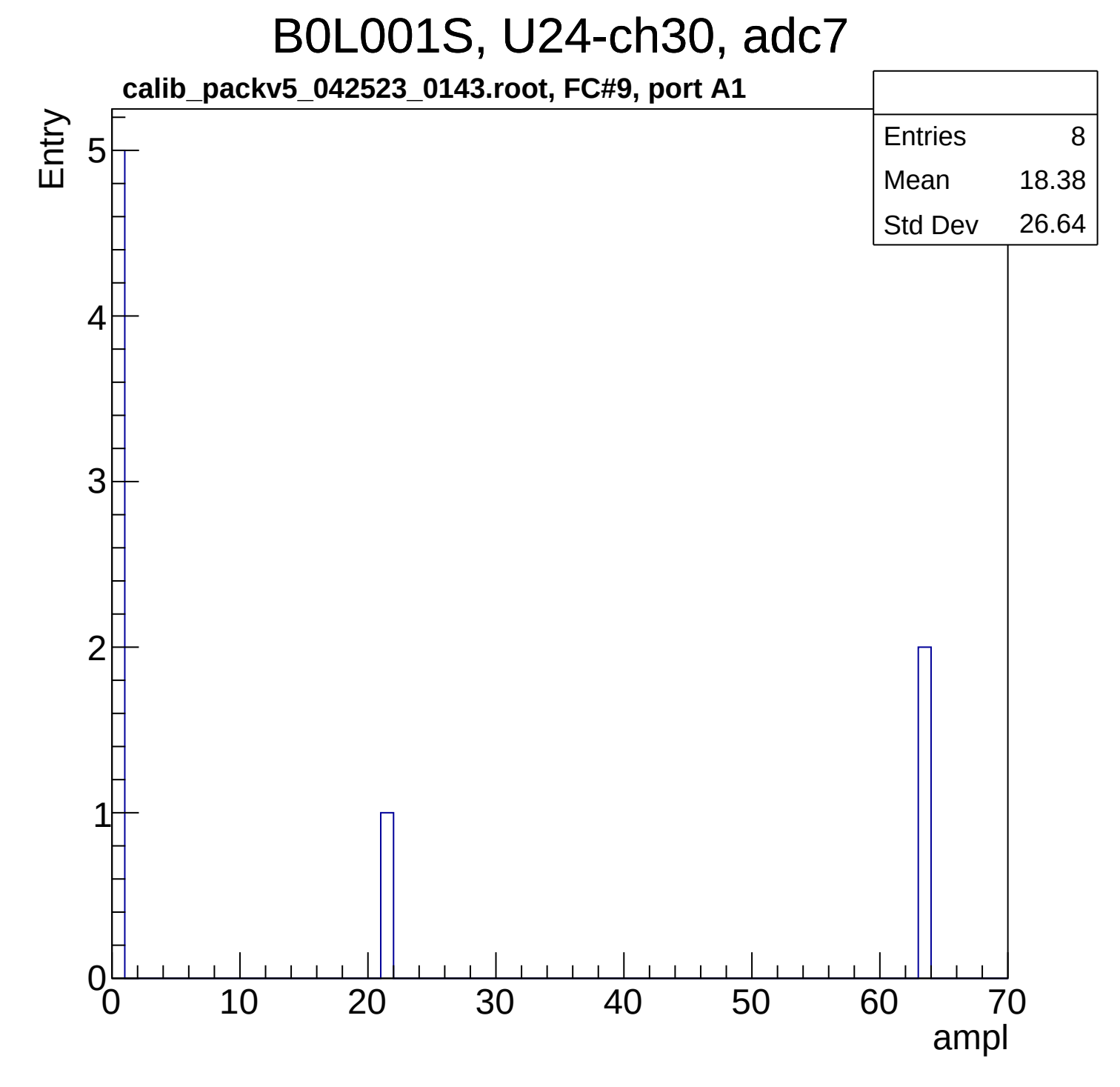
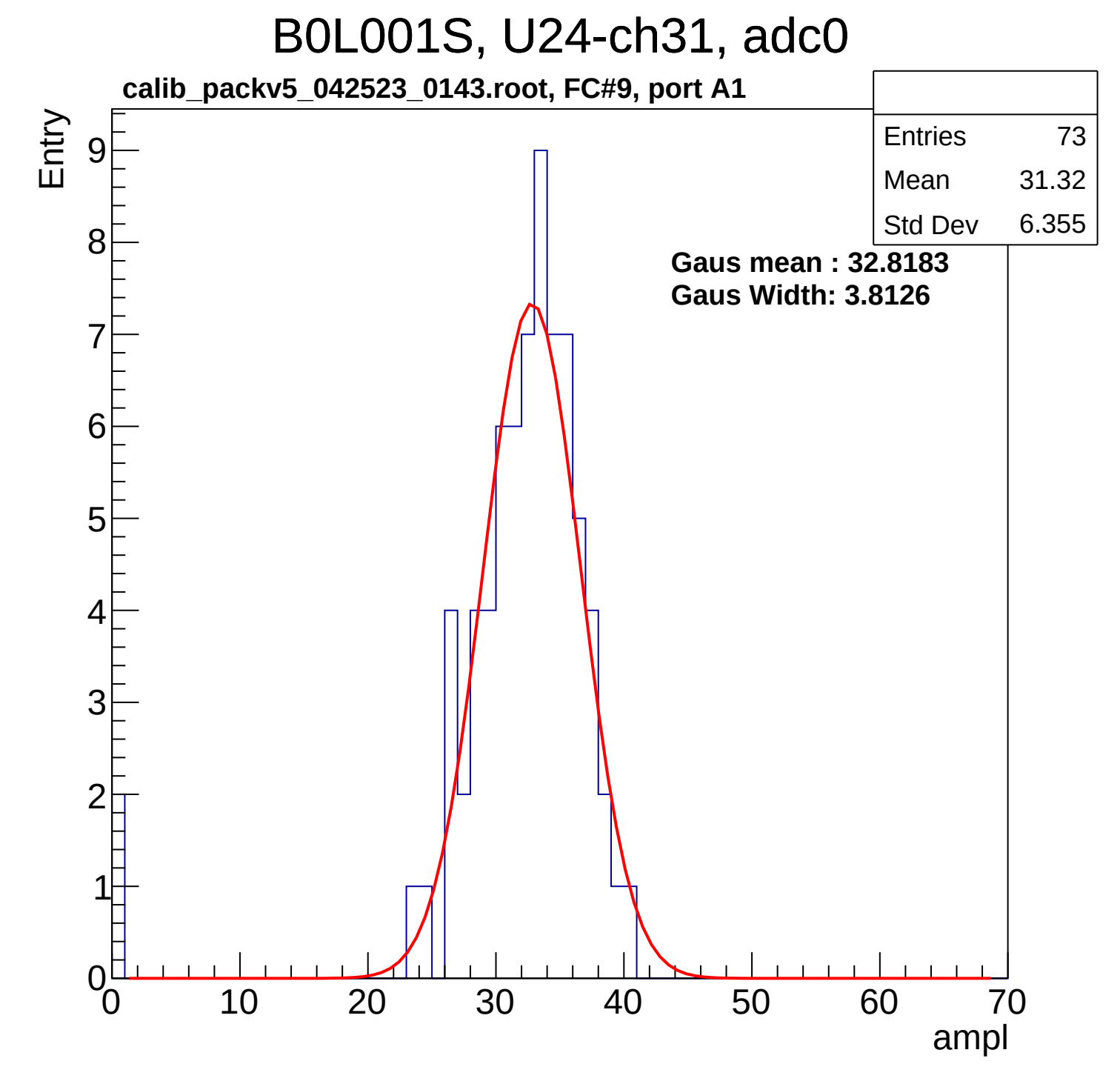

B0L001S, U24-ch30, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 49.6
Std Dev 24.82
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch30, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 18.38
Std Dev 26.64
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch31, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 31.32
Std Dev 6.355
Gaus mean : 32.8183
Gaus Width: 3.8126
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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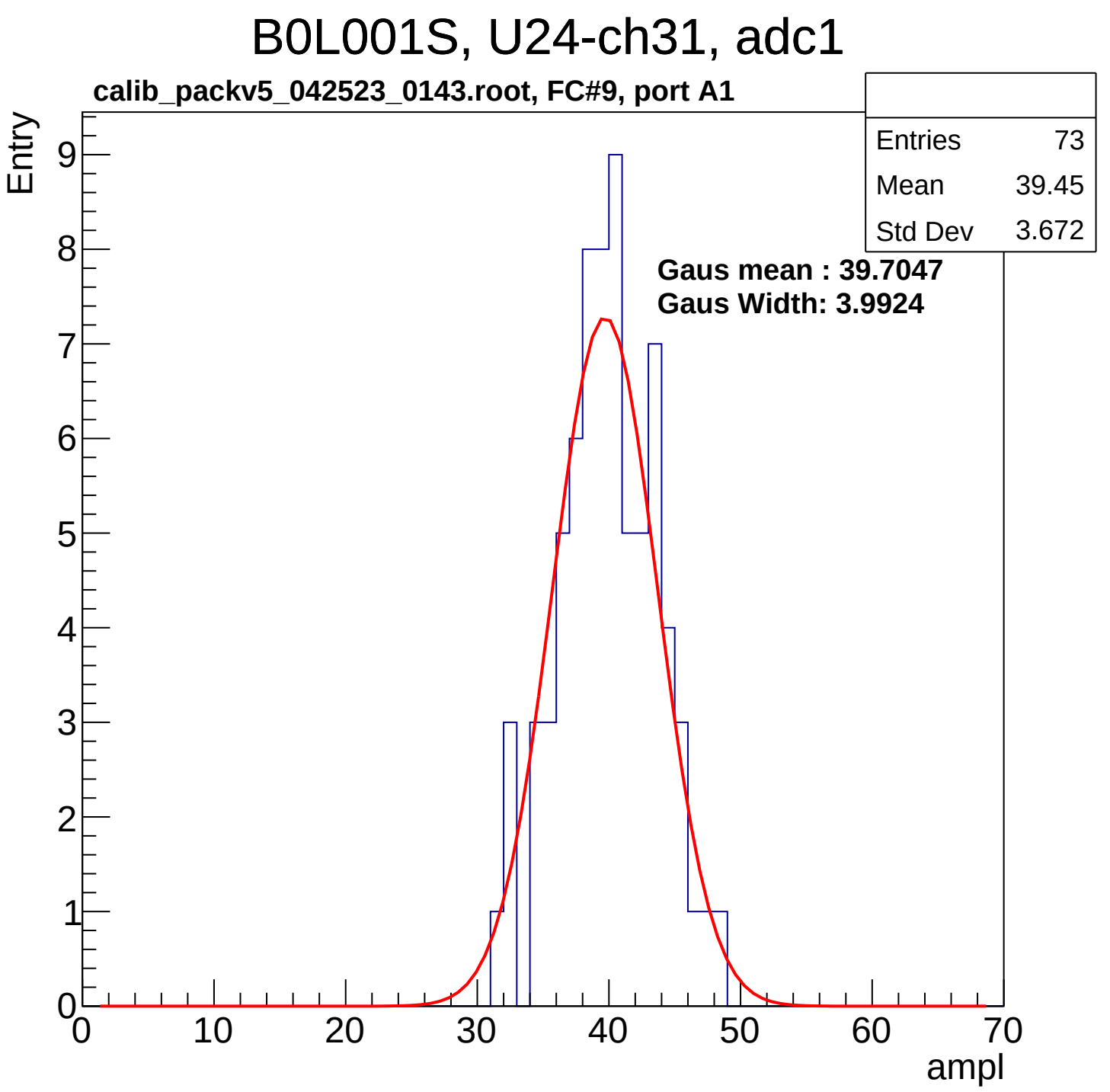
B0L001S, U24-ch31, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 39.45
Std Dev 3.672
Gaus mean : 39.7047
Gaus Width: 3.9924
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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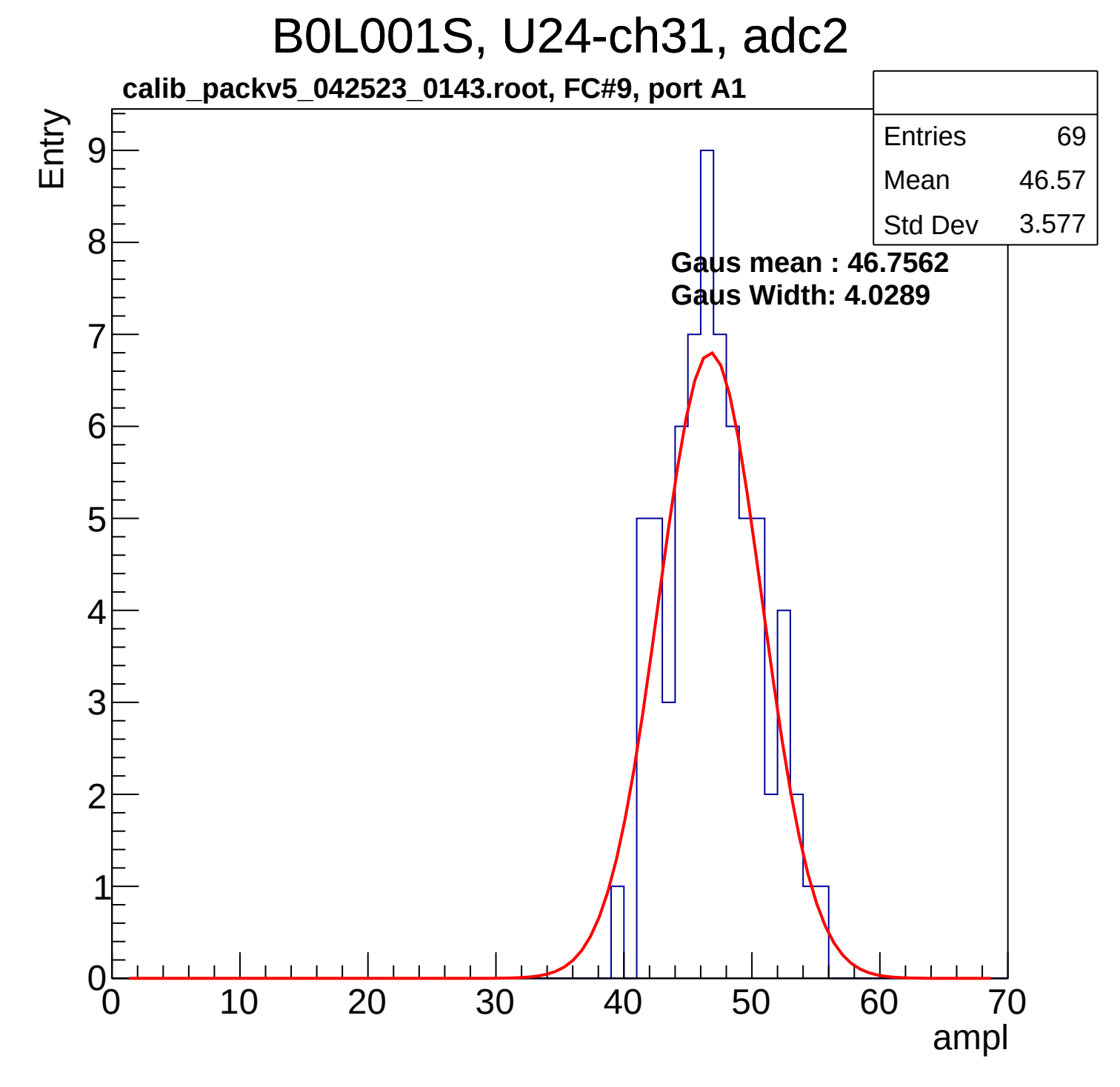
B0L001S, U24-ch31, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 46.57
Std Dev 3.577
Gaus mean : 46.7562
Gaus Width: 4.0289
Entry
ampl
0
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2
3
4
5
6
7
8
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0
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40
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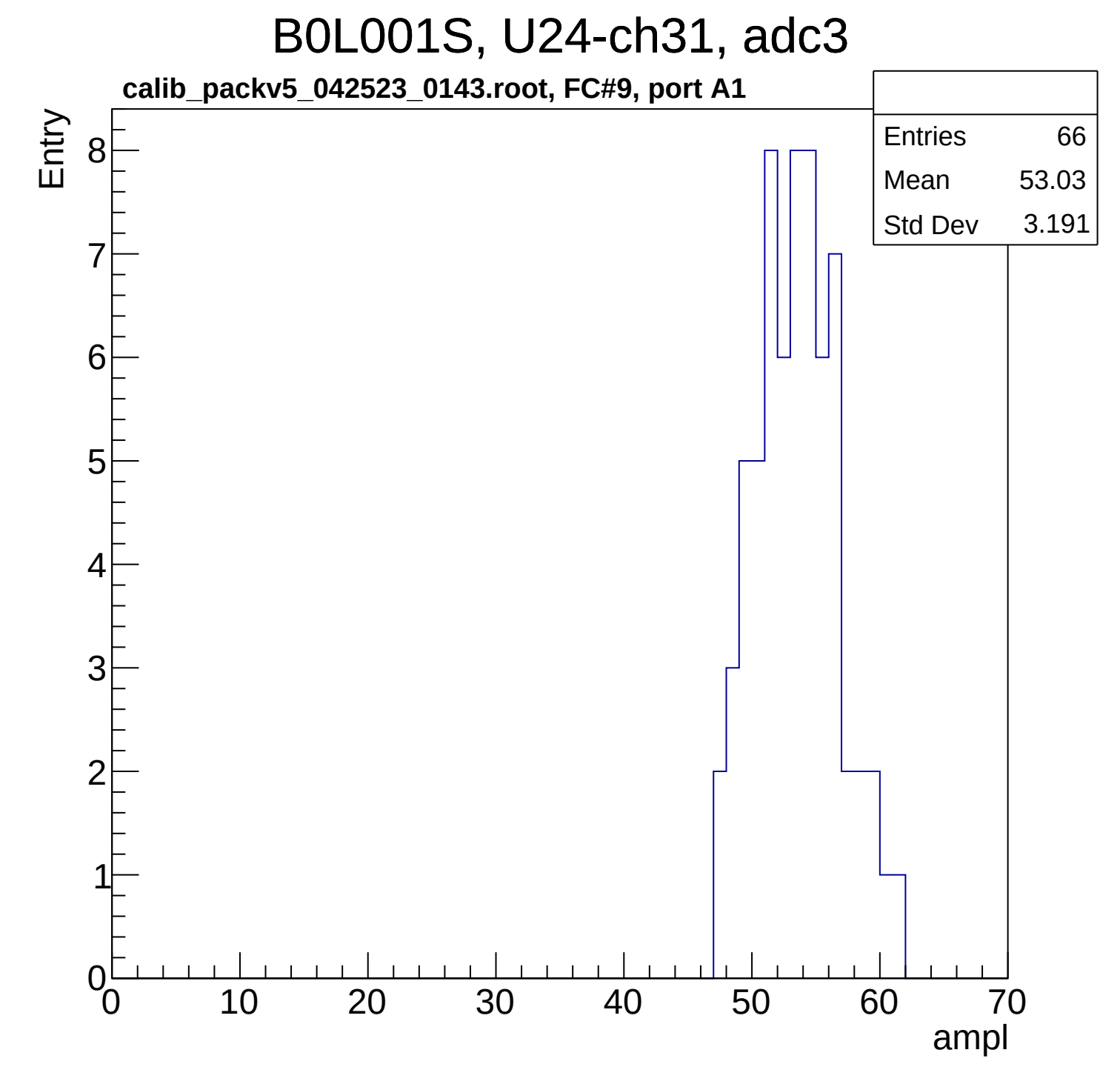
B0L001S, U24-ch31, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 53.03
Std Dev 3.191
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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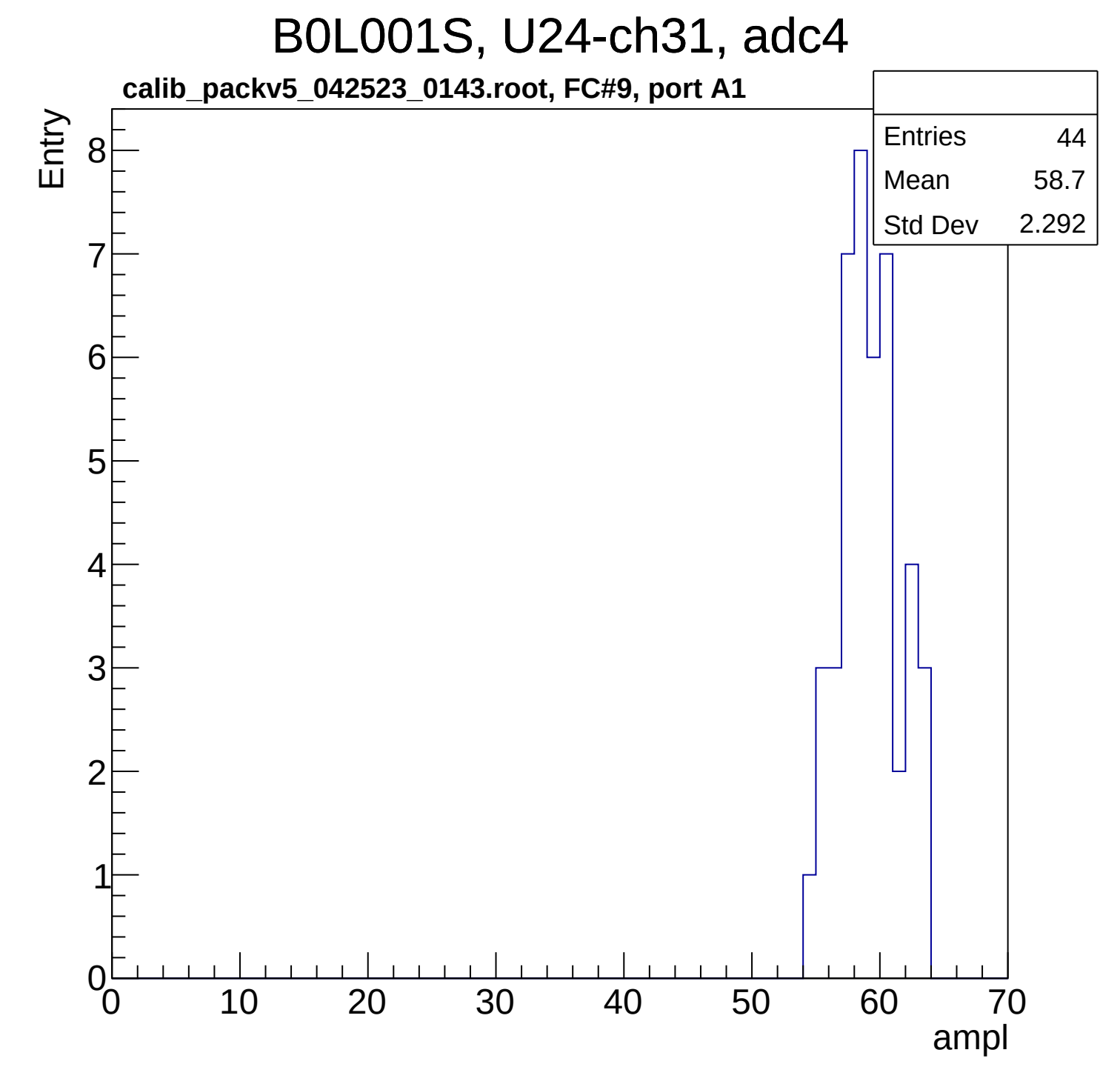
B0L001S, U24-ch31, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 58.7
Std Dev 2.292
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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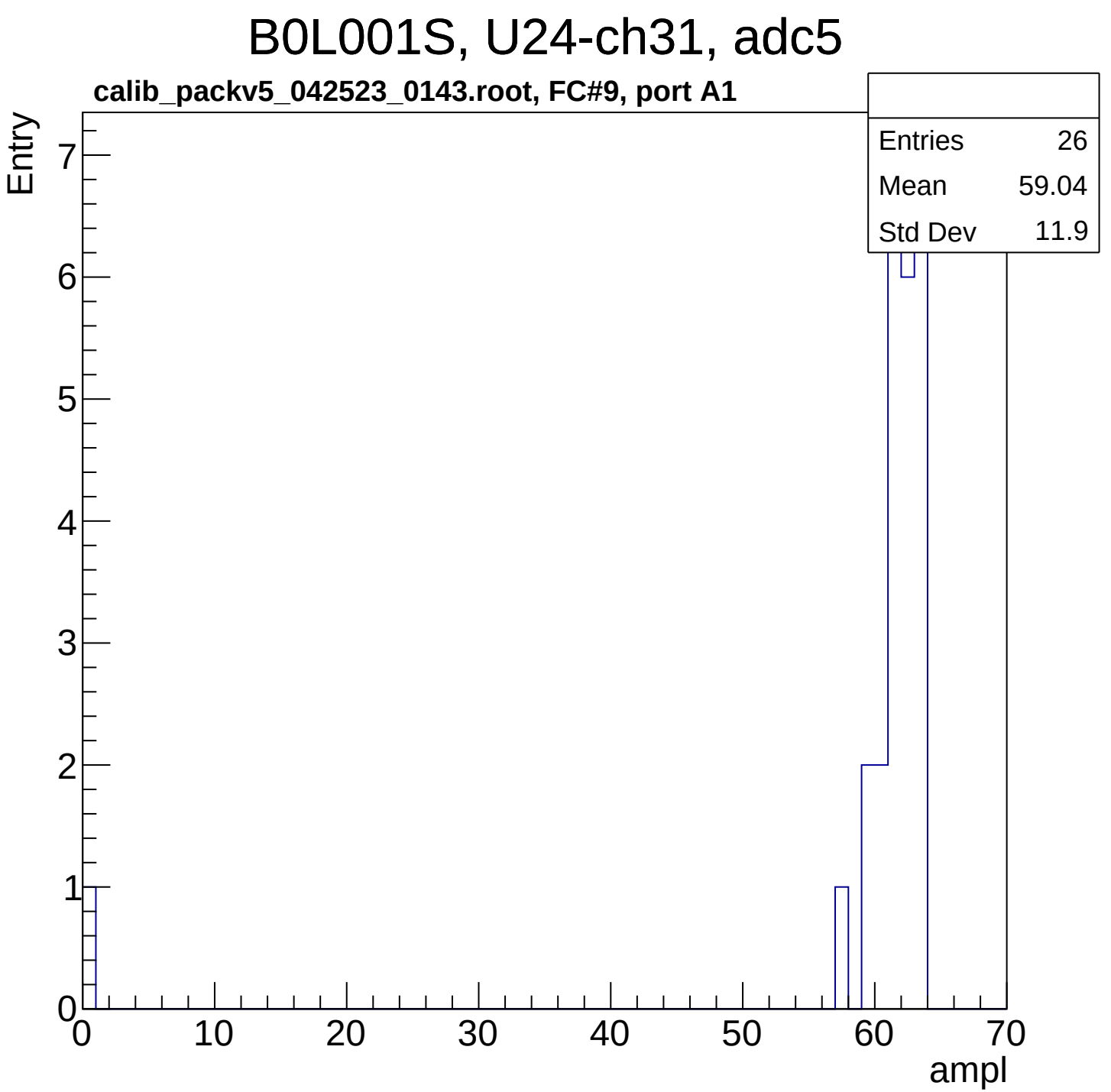
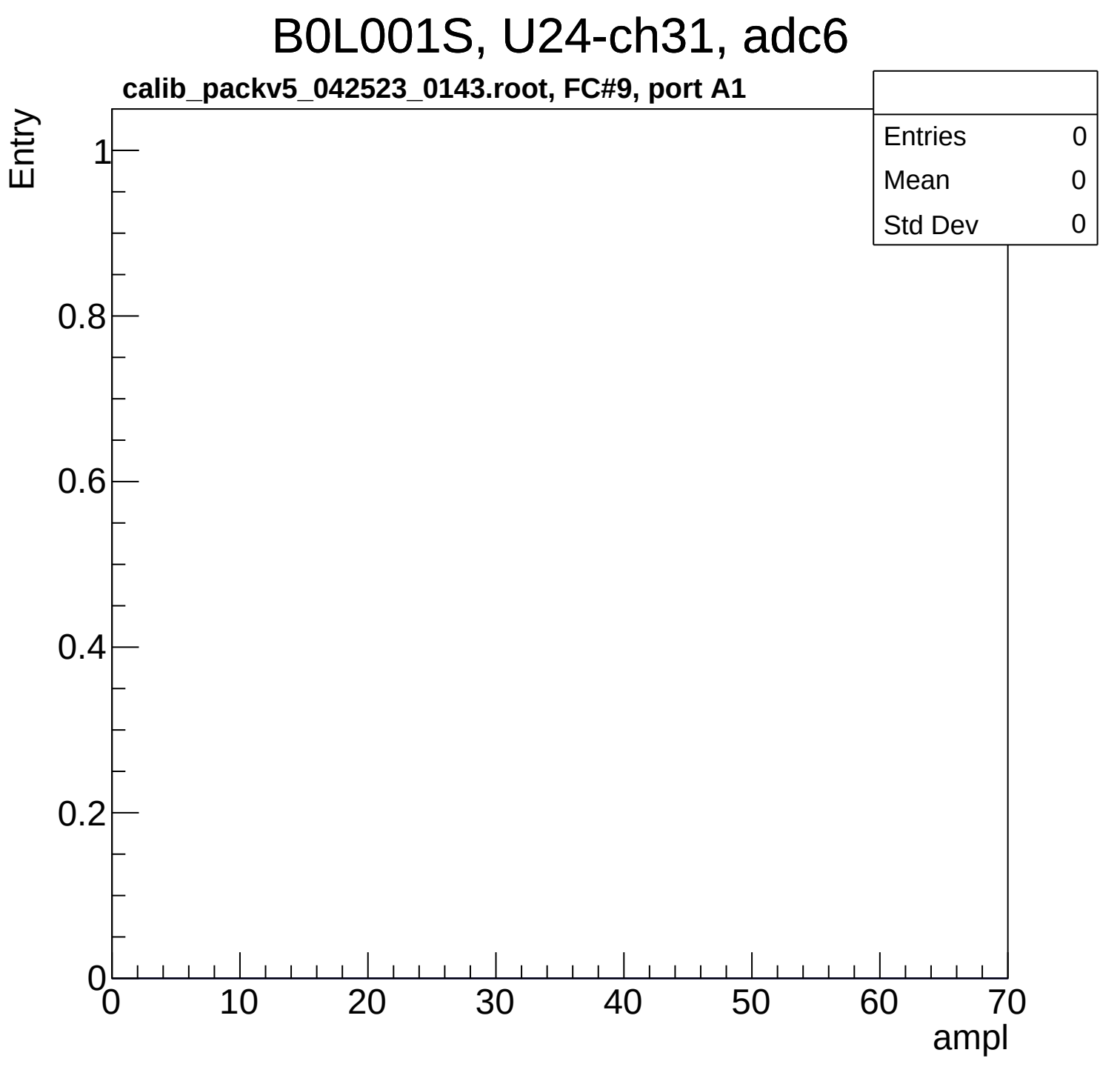
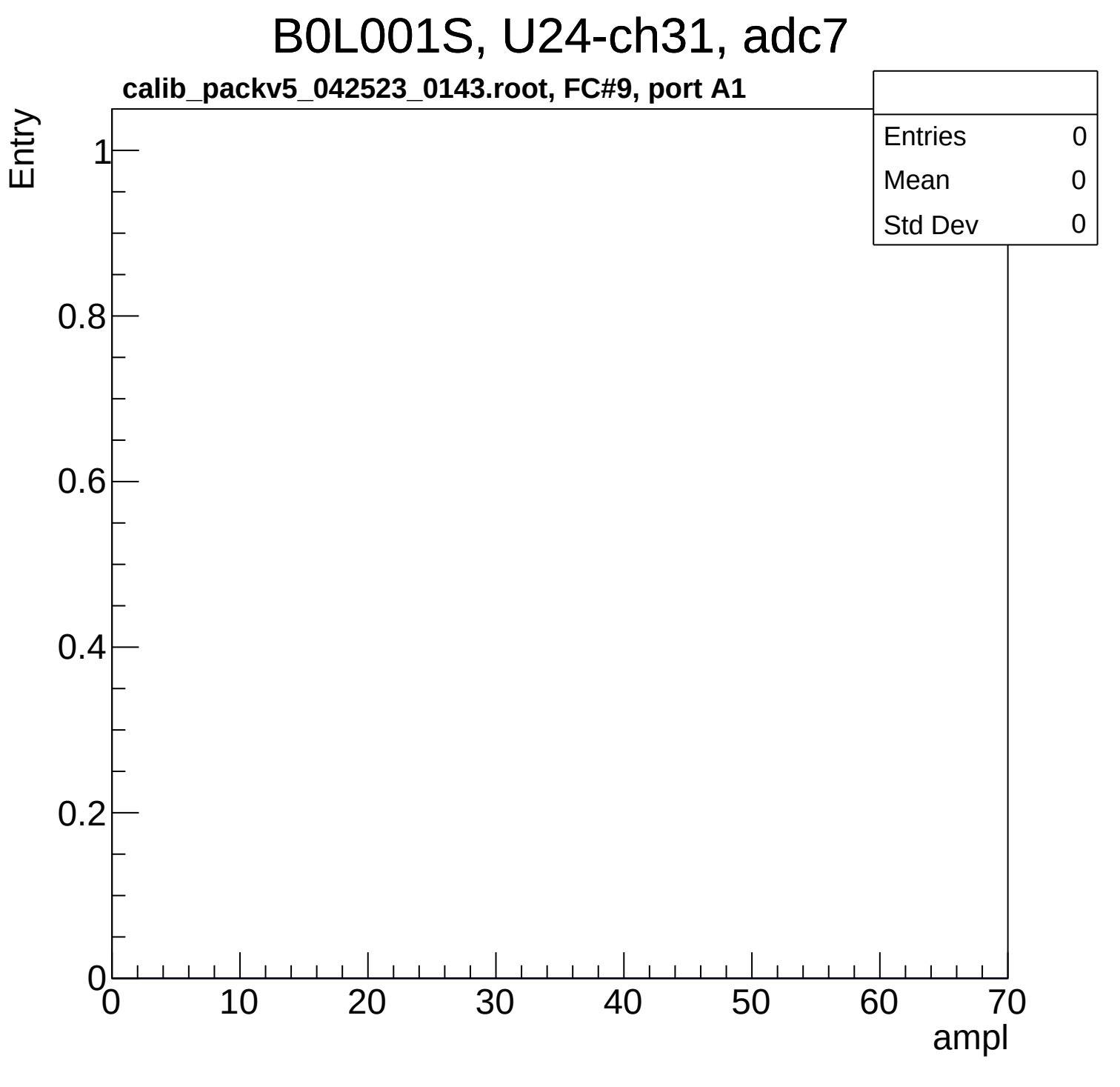
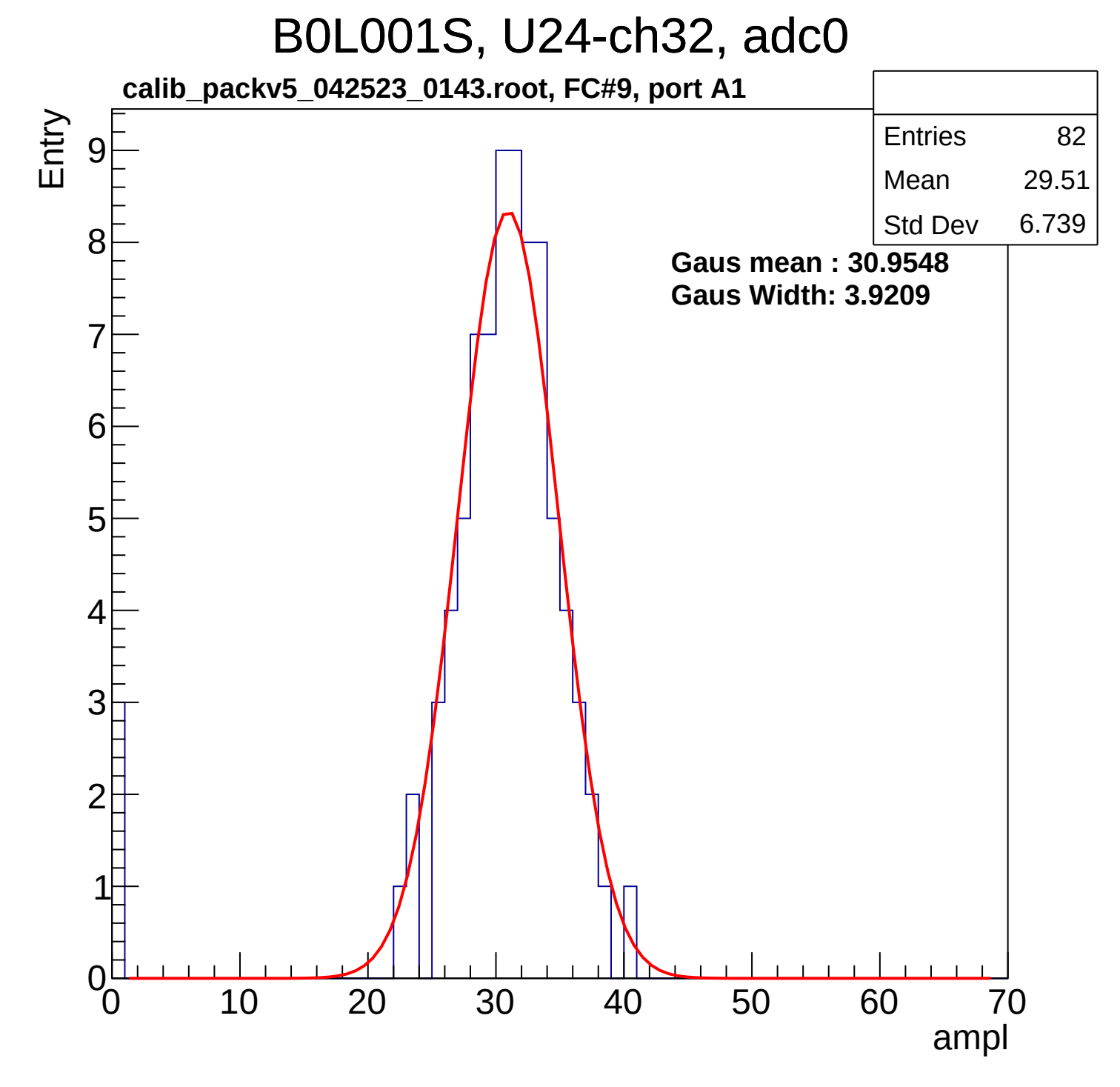
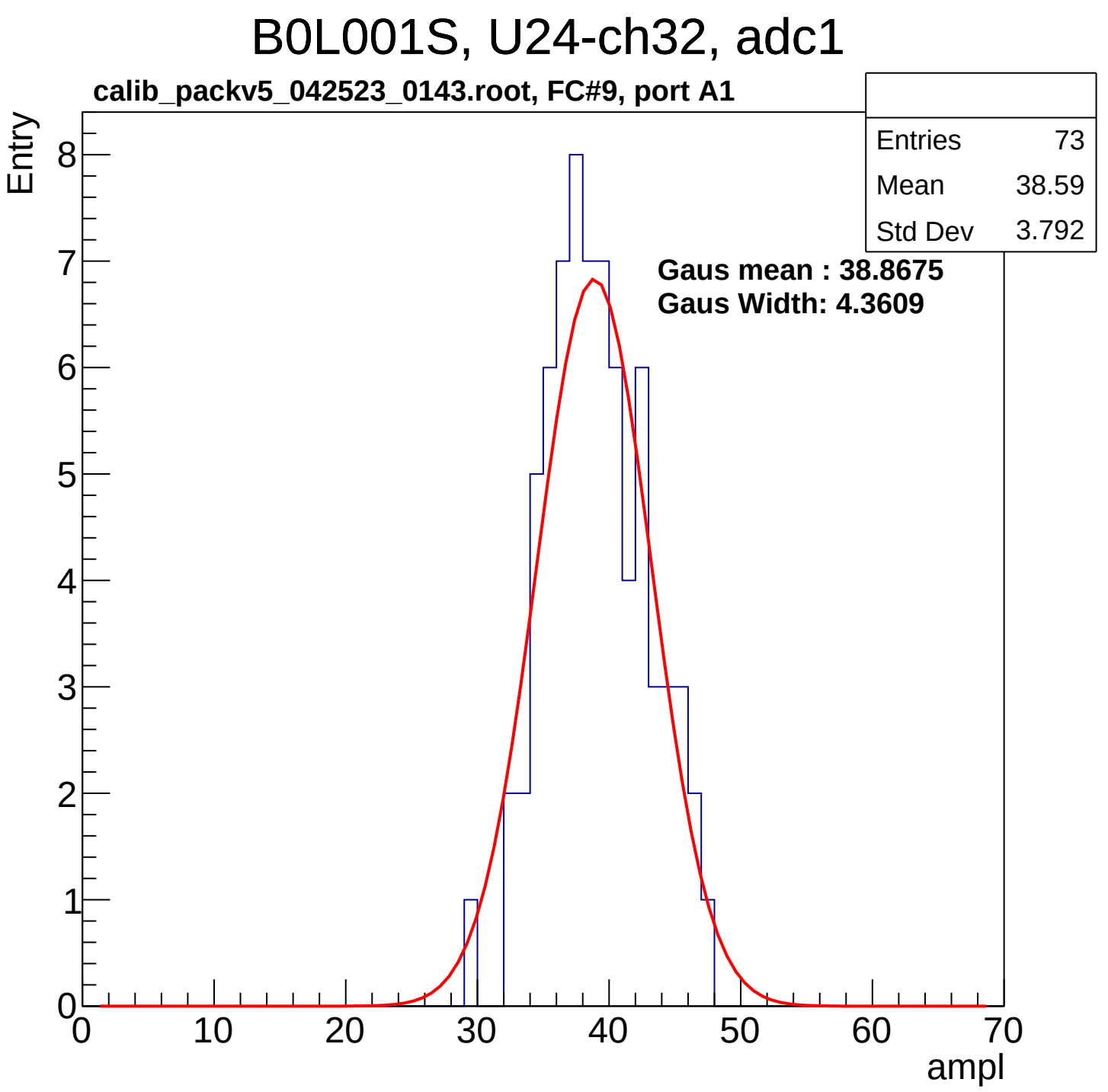

B0L001S, U24-ch31, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 59.04
Std Dev 11.9
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch31, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch31, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch32, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 29.51
Std Dev 6.739
Gaus mean : 30.9548
Gaus Width: 3.9209
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch32, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 38.59
Std Dev 3.792
Gaus mean : 38.8675
Gaus Width: 4.3609
Entry
ampl
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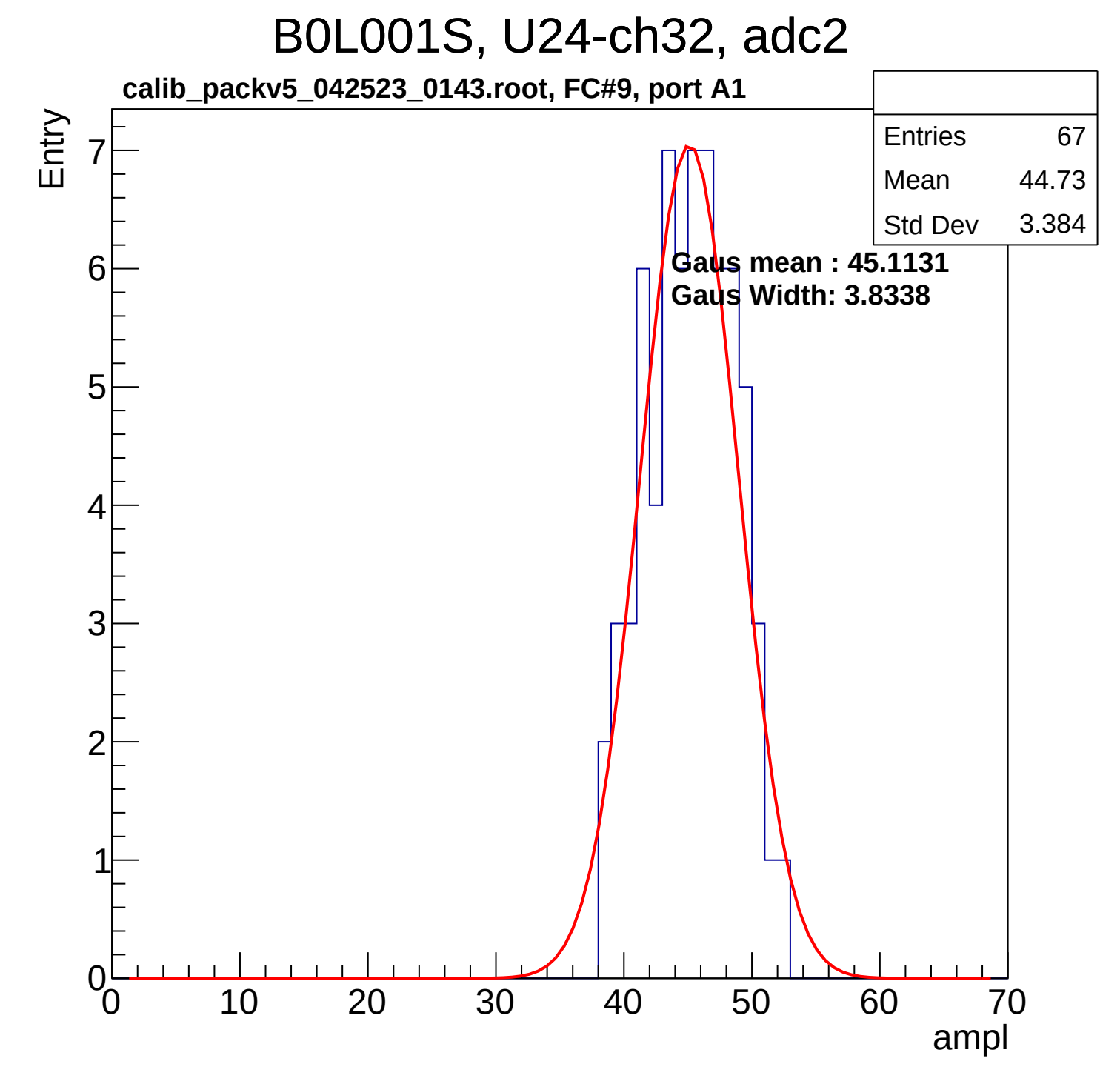
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch32, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 44.73
Std Dev 3.384
Gaus mean : 45.1131
Gaus Width: 3.8338
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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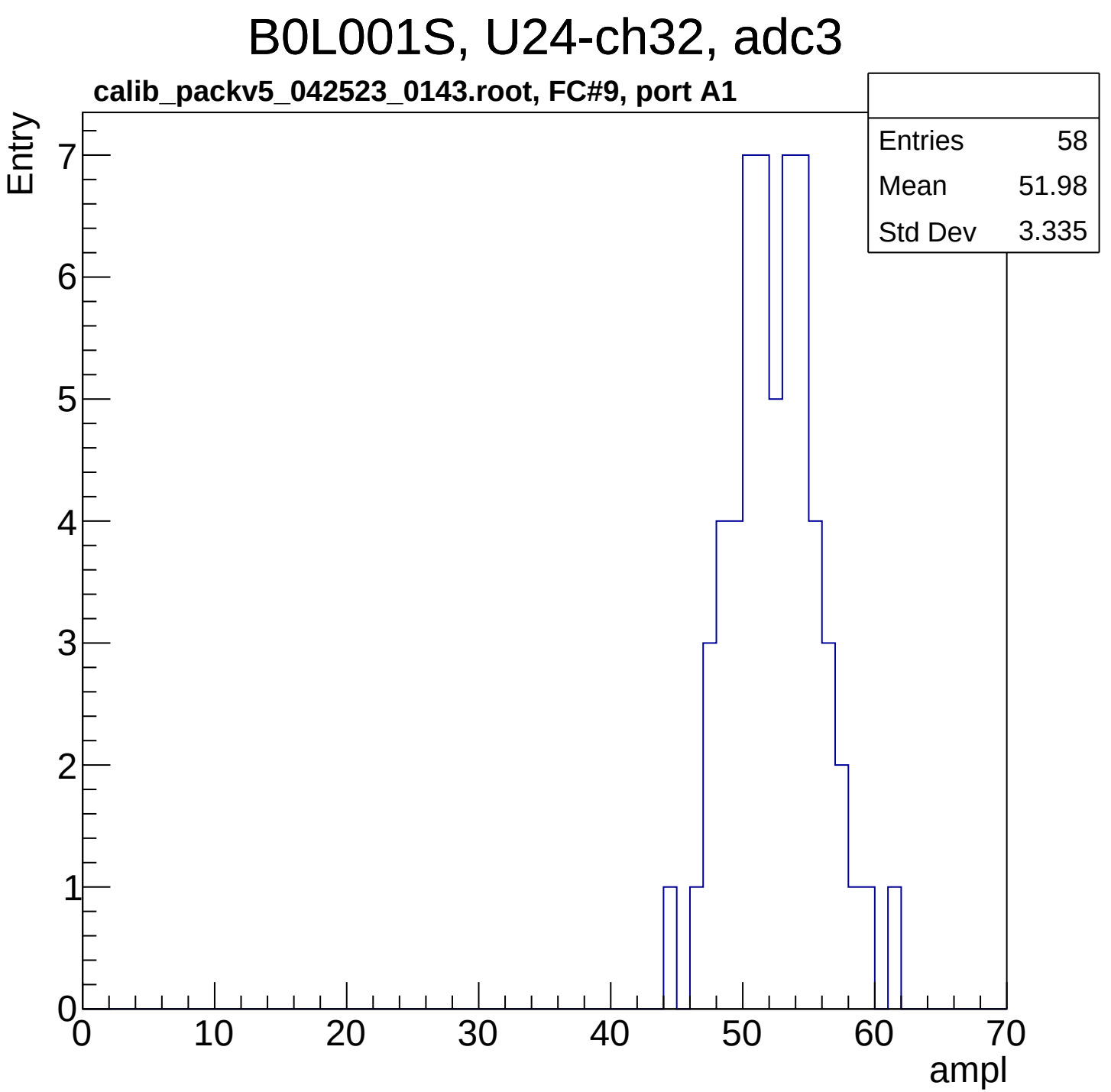
B0L001S, U24-ch32, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 51.98
Std Dev 3.335
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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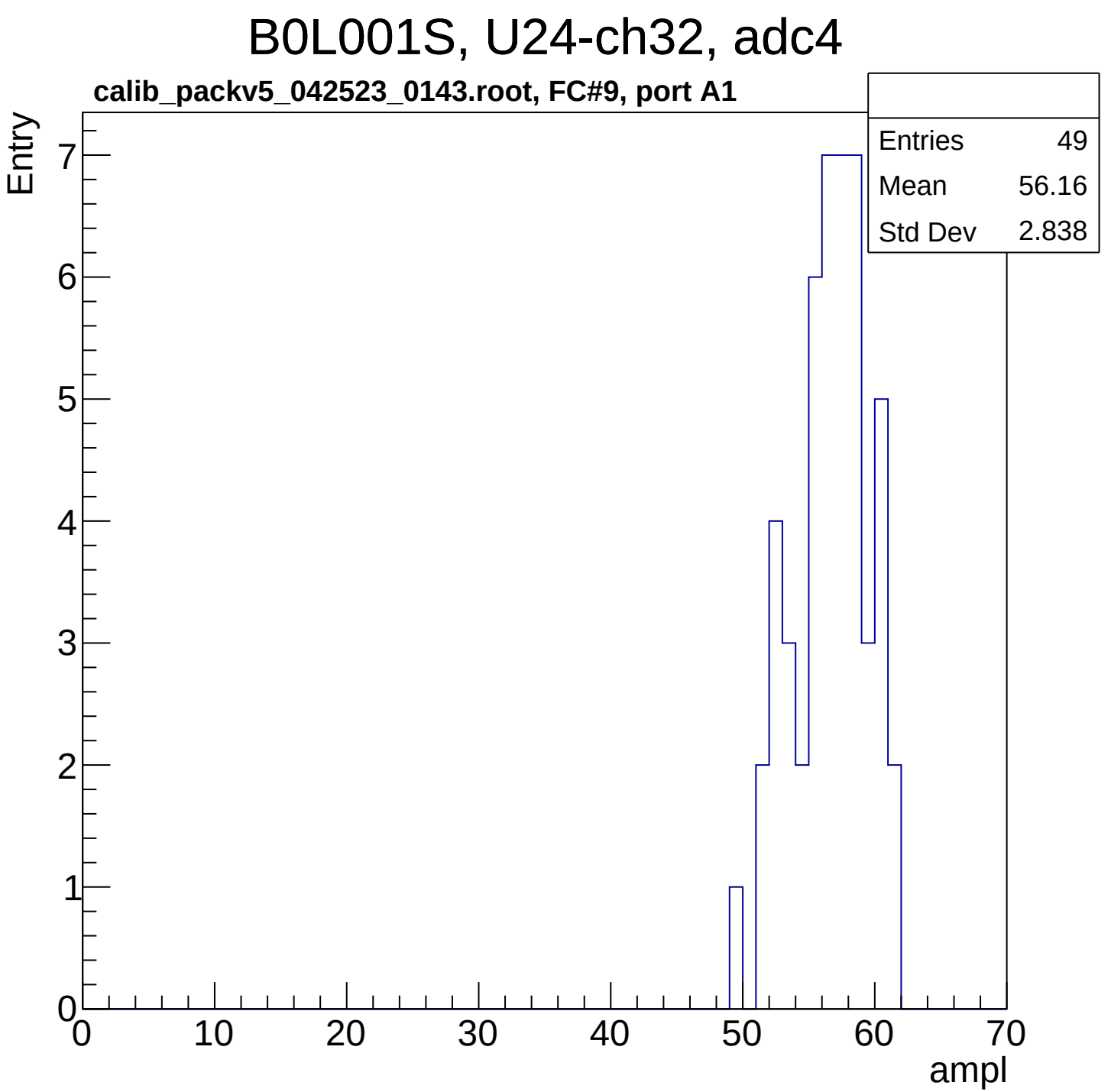
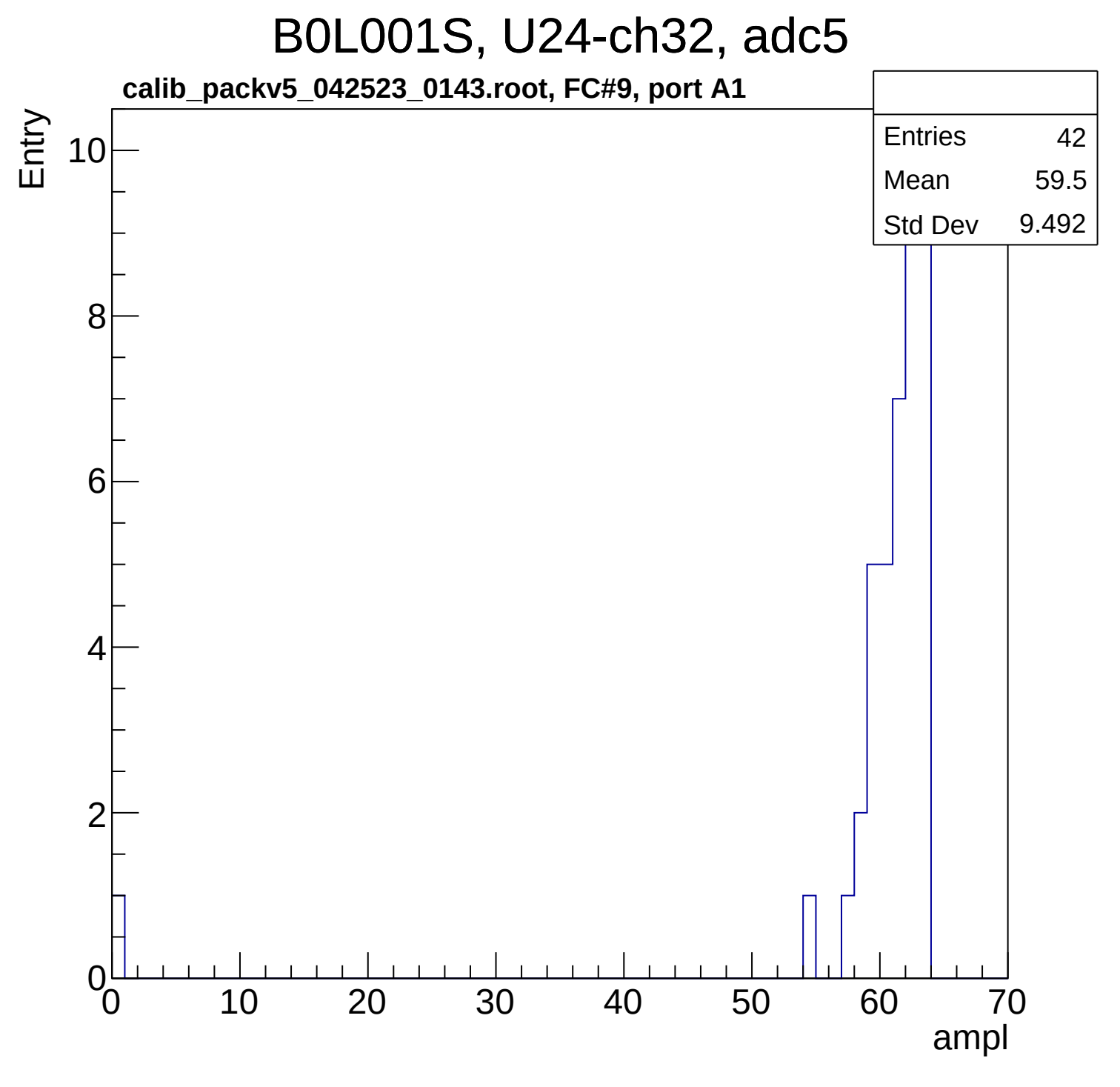
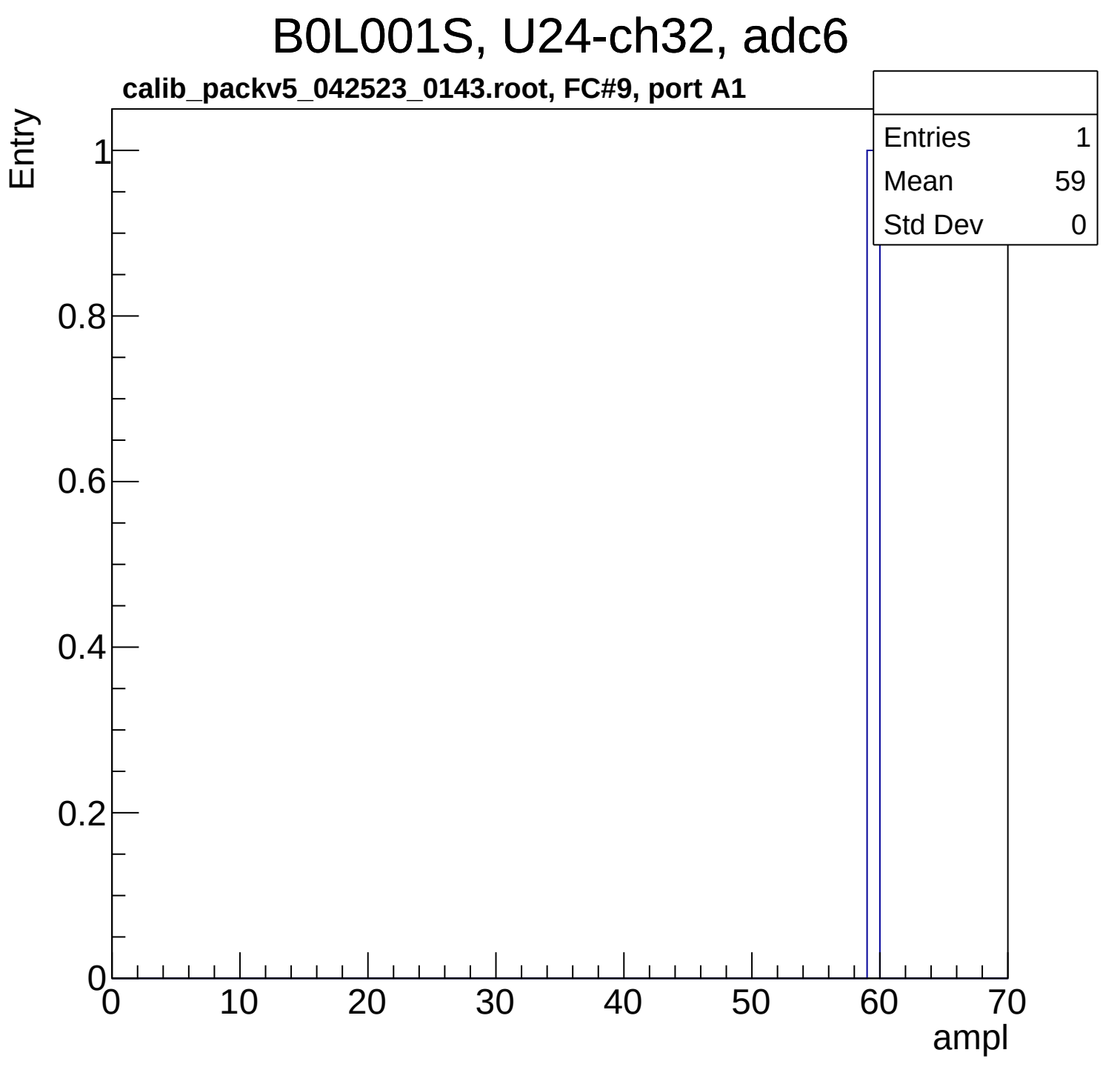
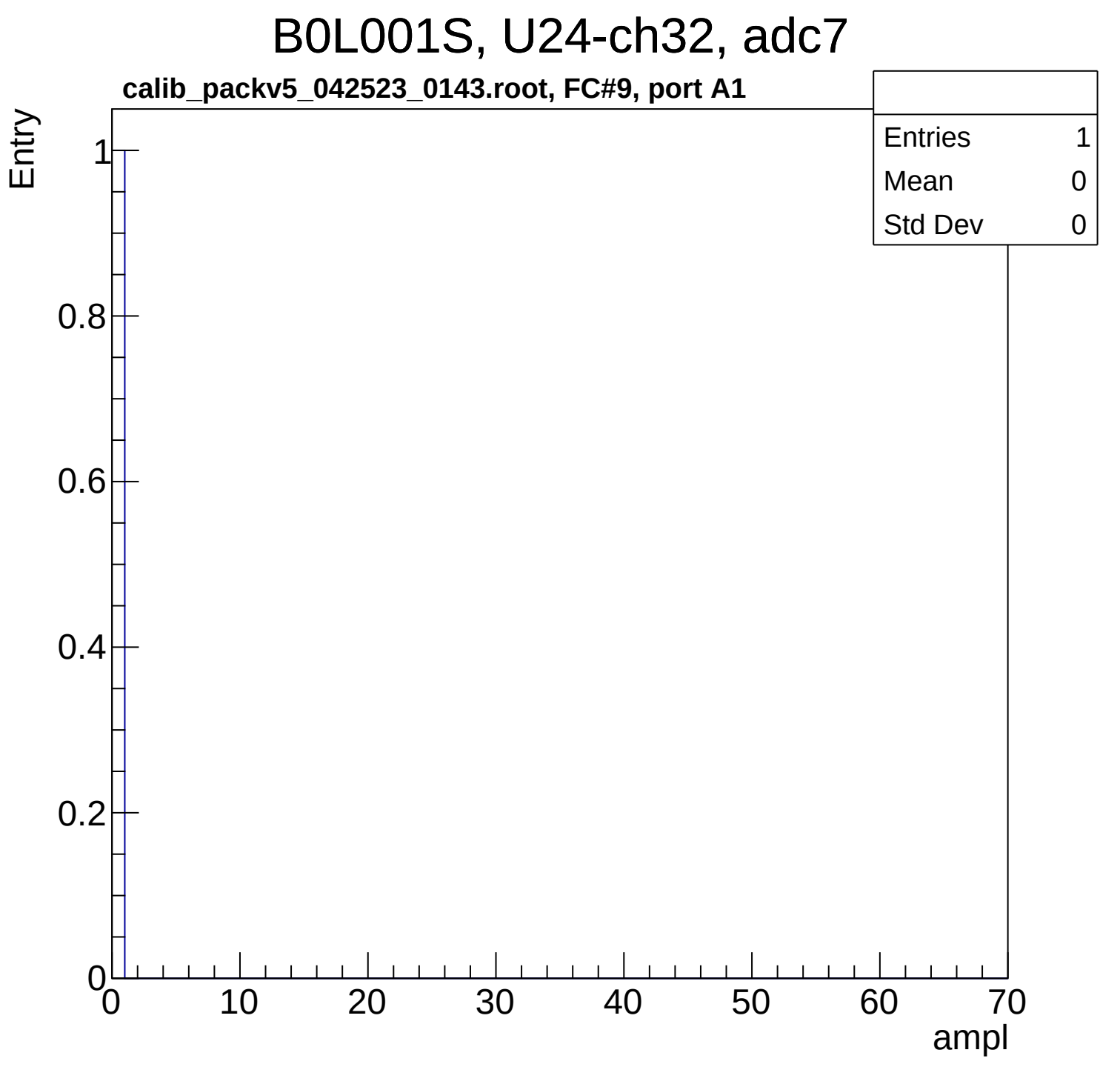
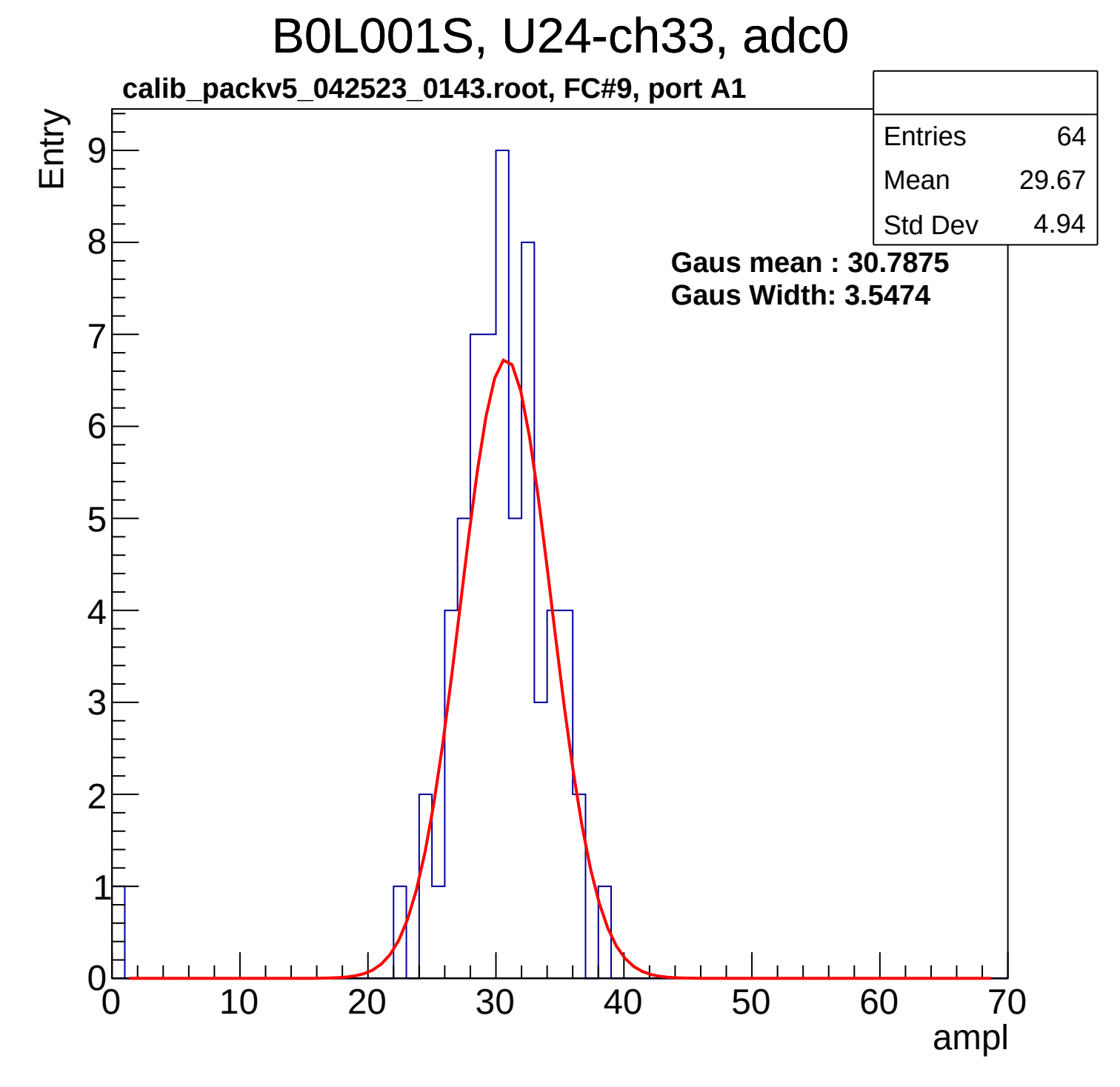
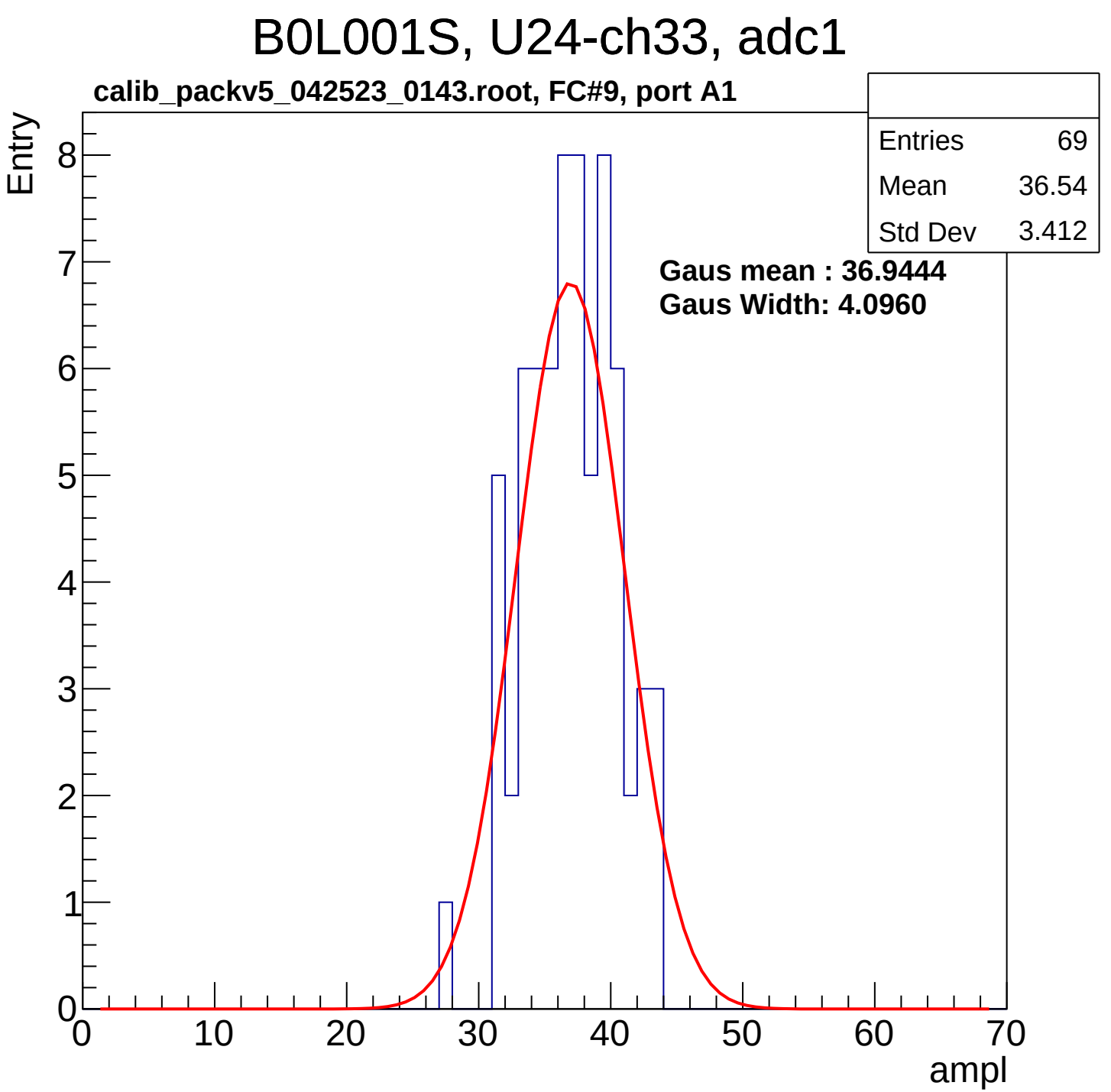

B0L001S, U24-ch32, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 56.16
Std Dev 2.838
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch32, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 59.5
Std Dev 9.492
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch32, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 59
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch32, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch33, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 29.67
Std Dev 4.94
Gaus mean : 30.7875
Gaus Width: 3.5474
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch33, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 36.54
Std Dev 3.412
Gaus mean : 36.9444
Gaus Width: 4.0960
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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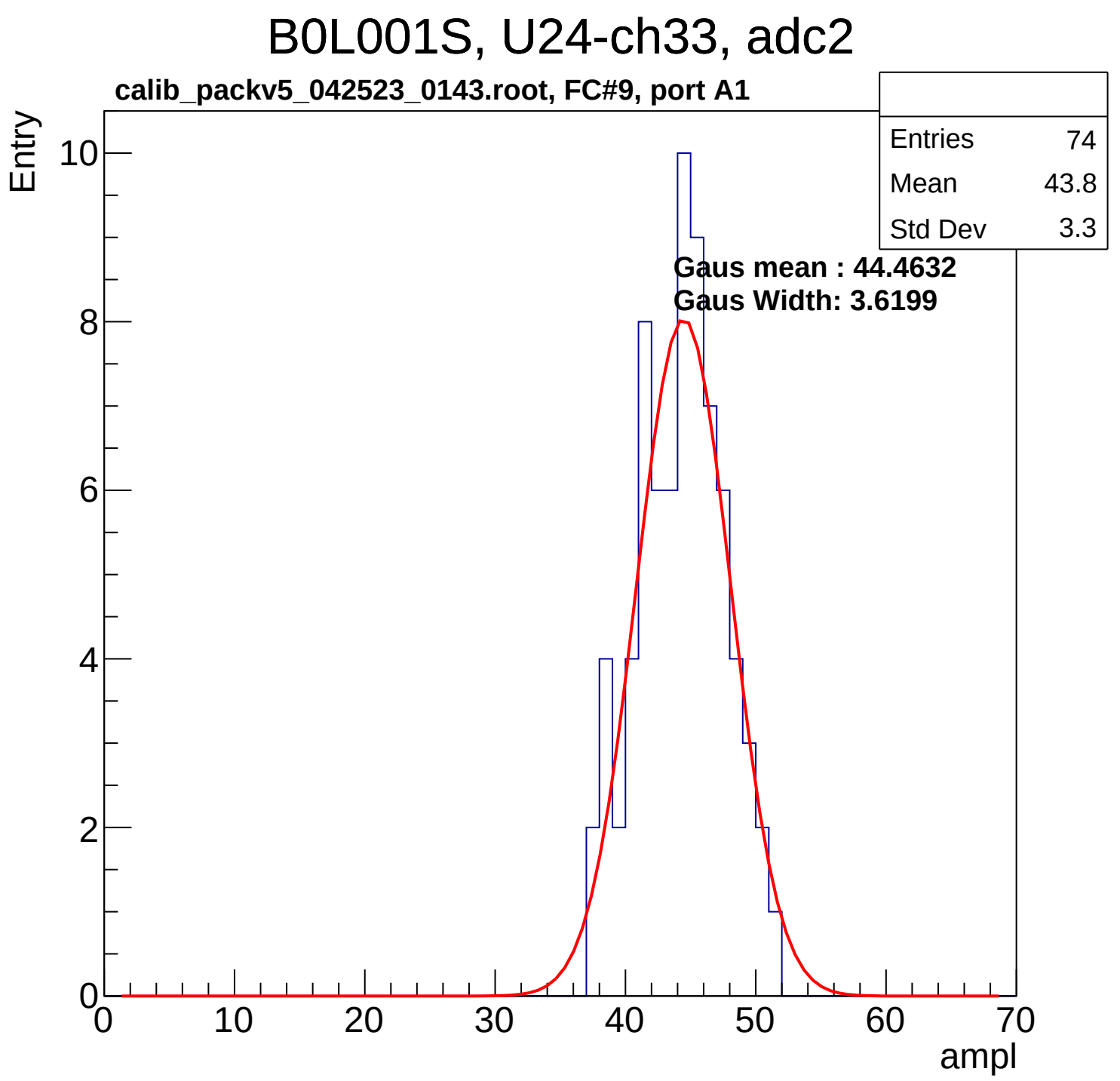
B0L001S, U24-ch33, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 43.8
Std Dev 3.3
Gaus mean : 44.4632
Gaus Width: 3.6199
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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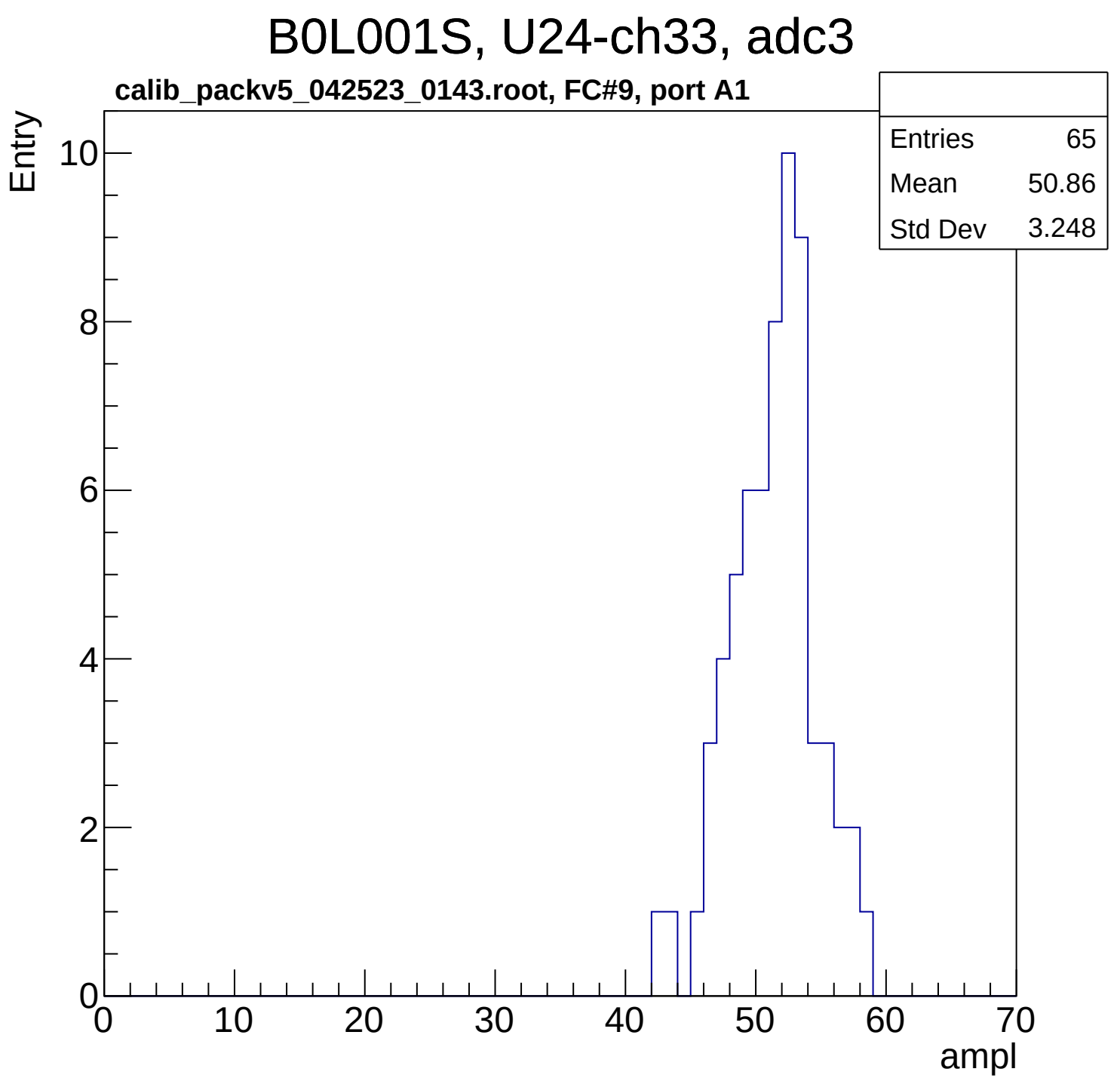
B0L001S, U24-ch33, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 50.86
Std Dev 3.248
Entry
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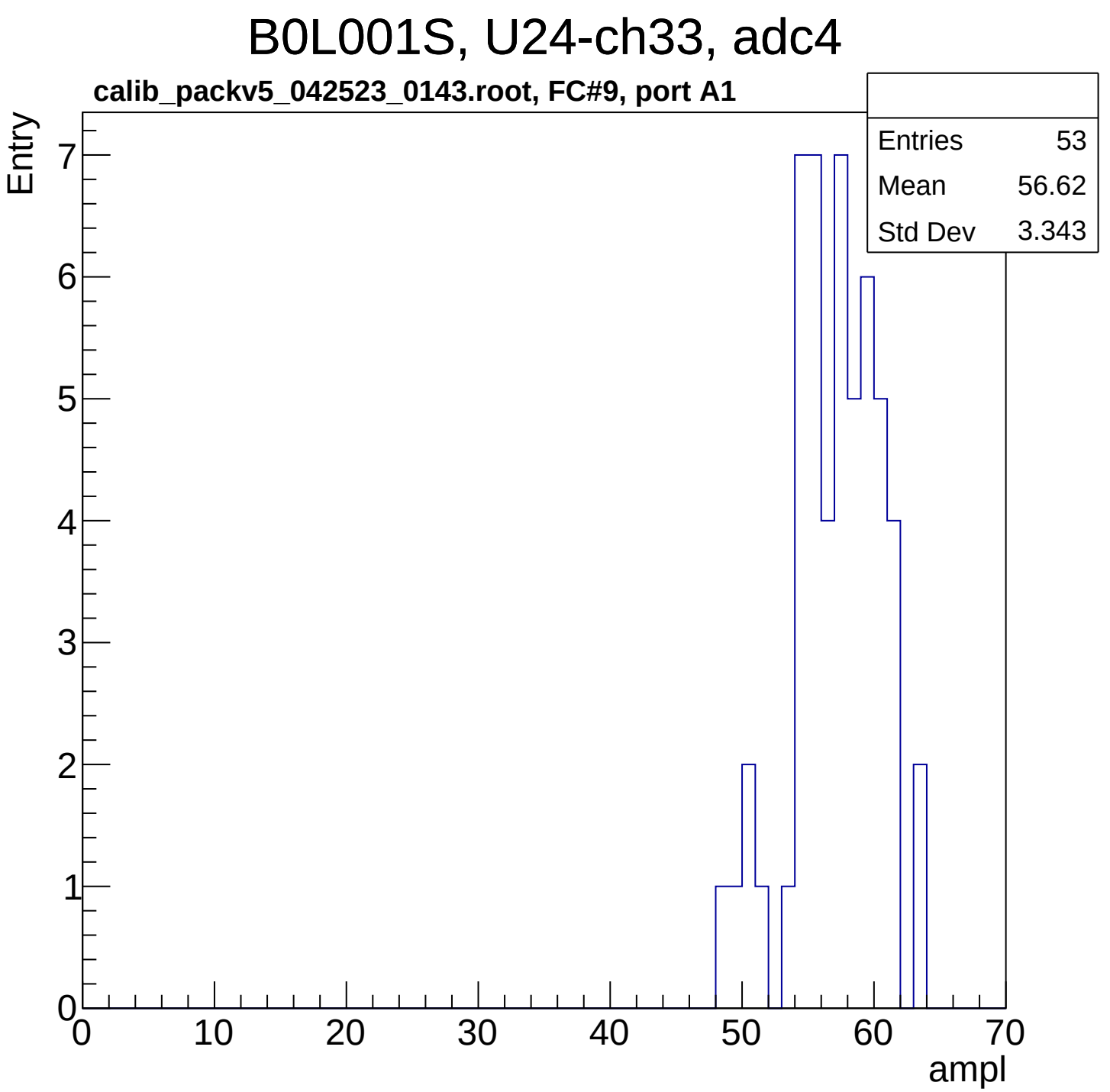
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch33, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 56.62
Std Dev 3.343
Entry
ampl
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1
2
3
4
5
6
7
0
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60
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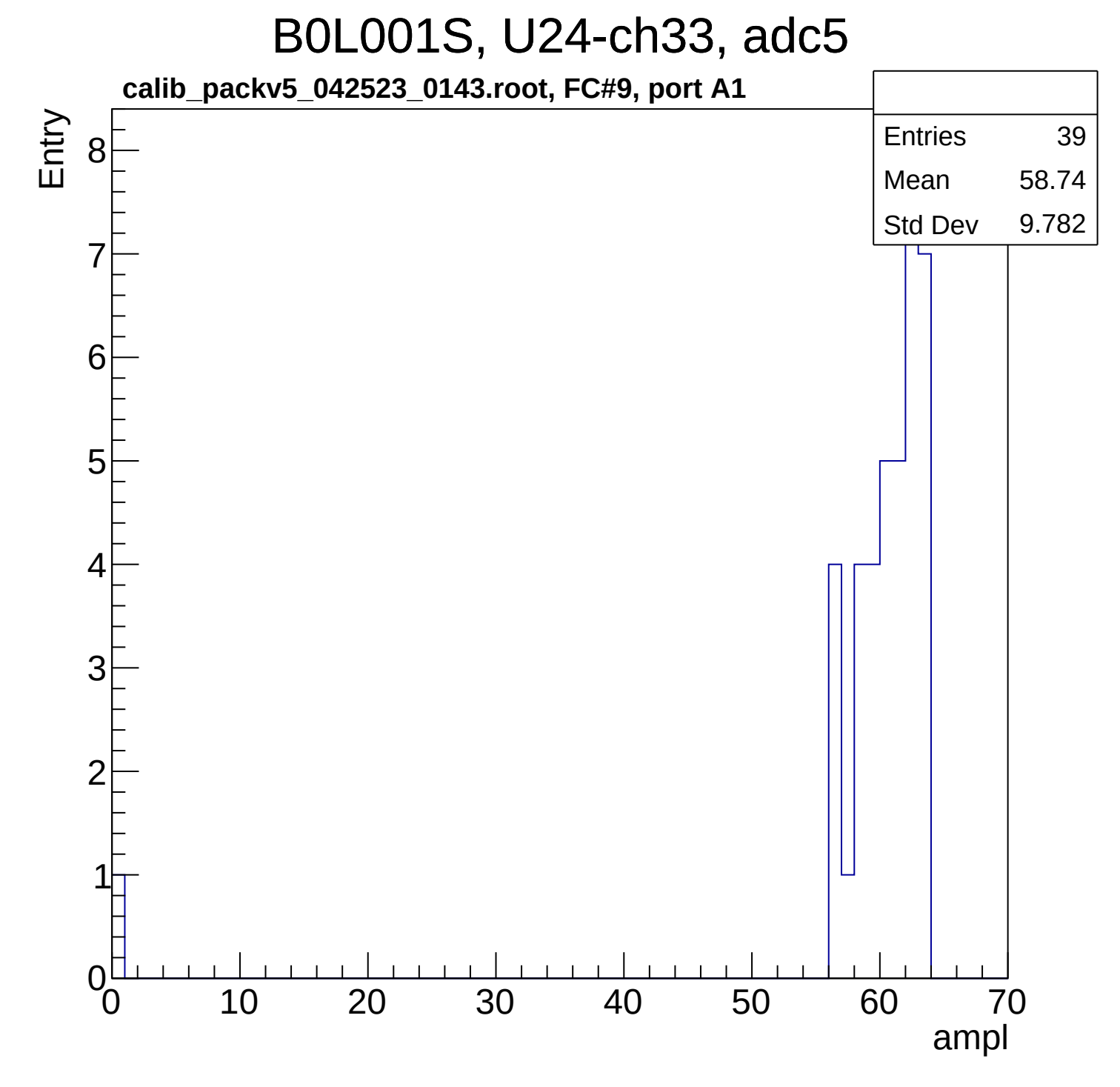
B0L001S, U24-ch33, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 58.74
Std Dev 9.782
Entry
ampl
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3
4
5
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7
8
0
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20
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40
50
60
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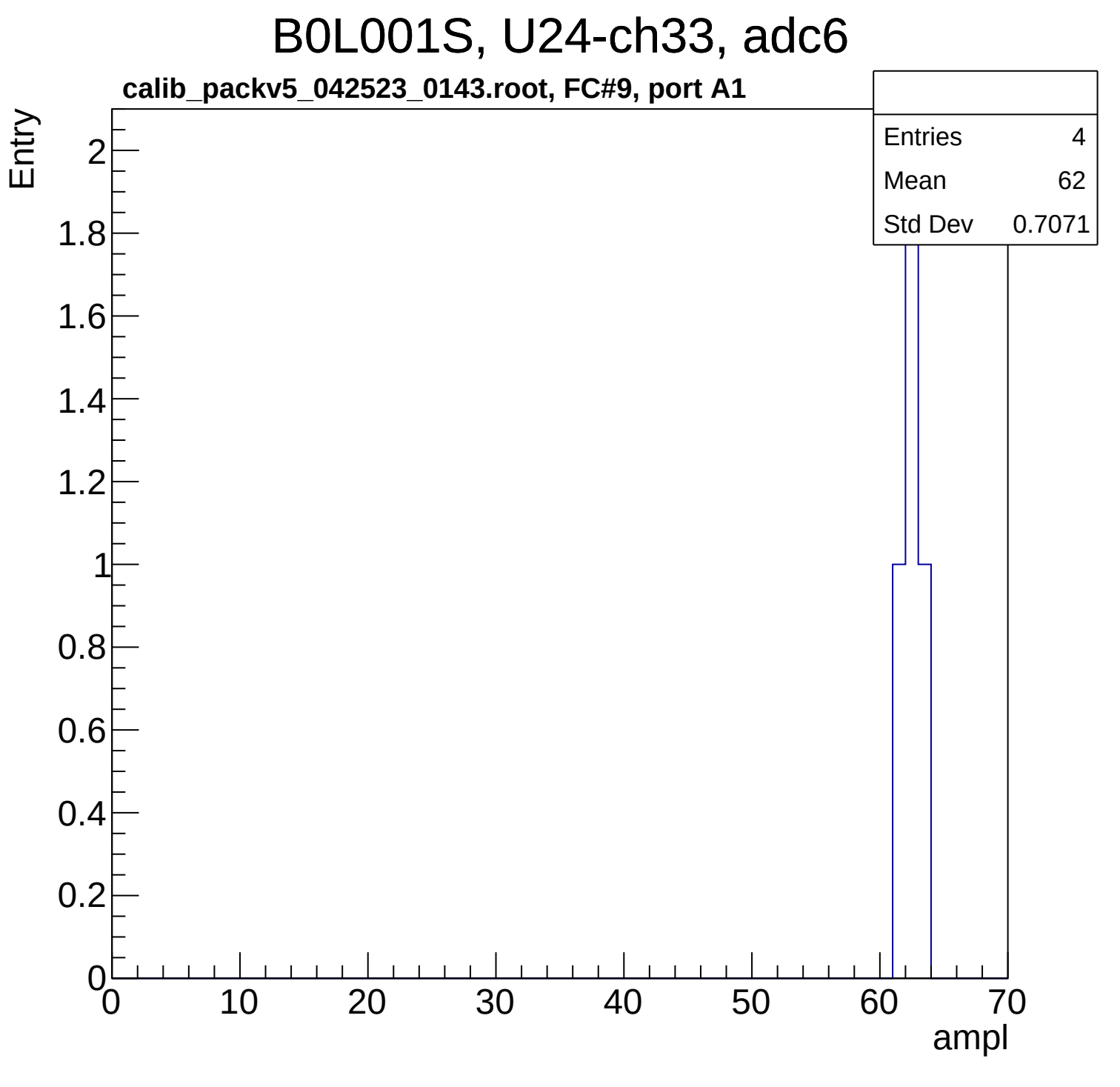
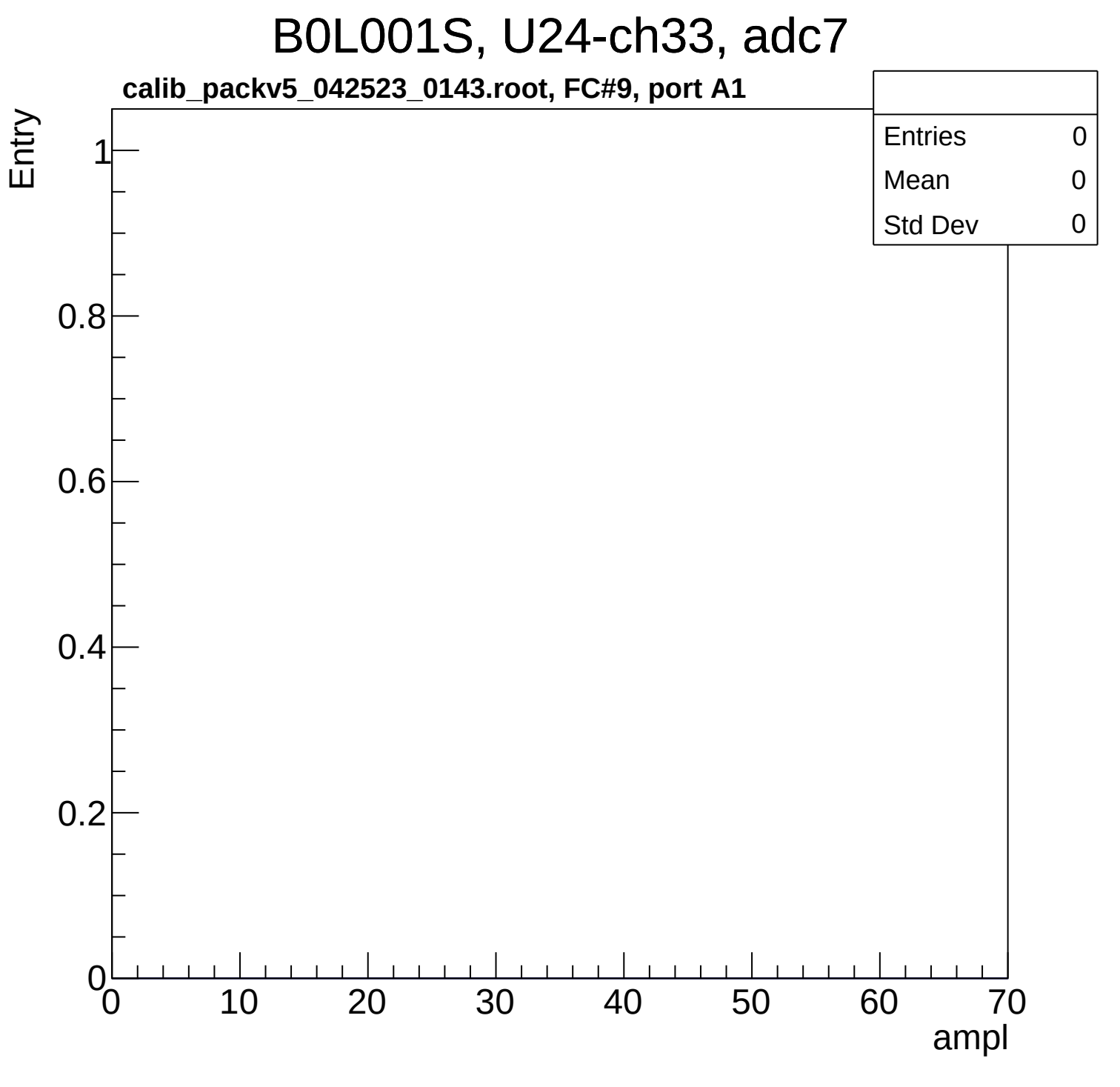
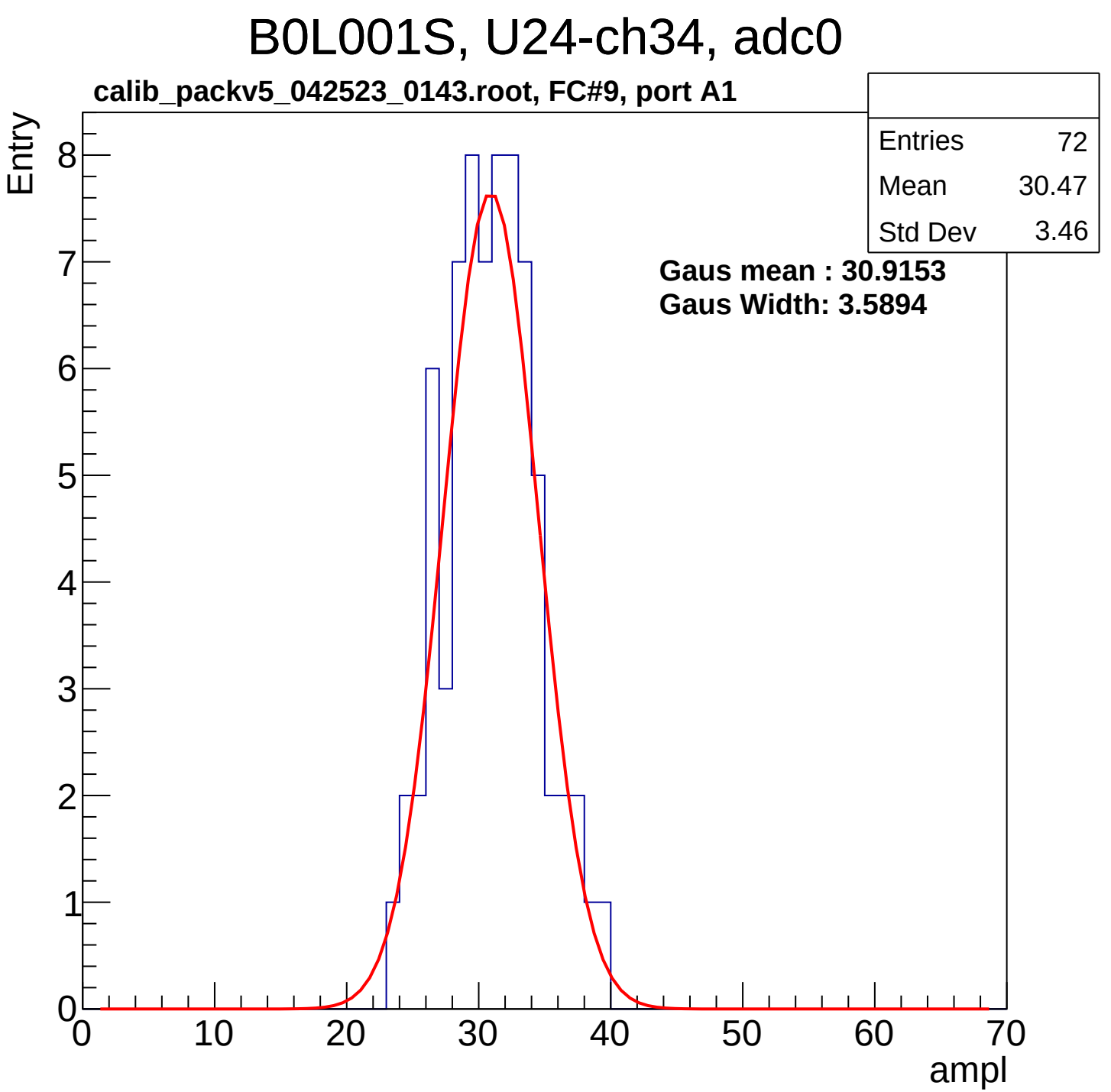

B0L001S, U24-ch33, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch33, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch34, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 30.47
Std Dev 3.46
Gaus mean : 30.9153
Gaus Width: 3.5894
Entry
ampl
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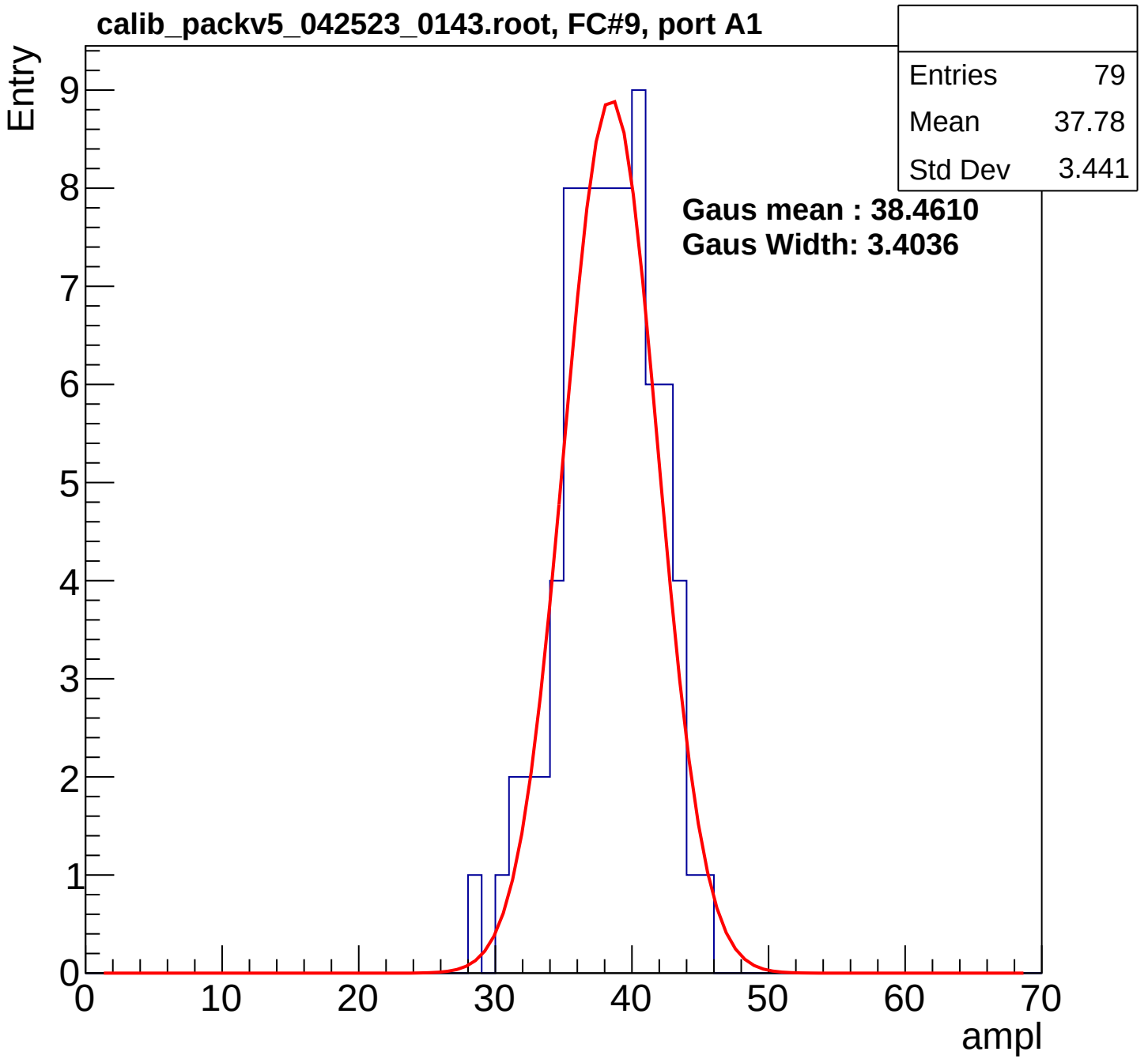
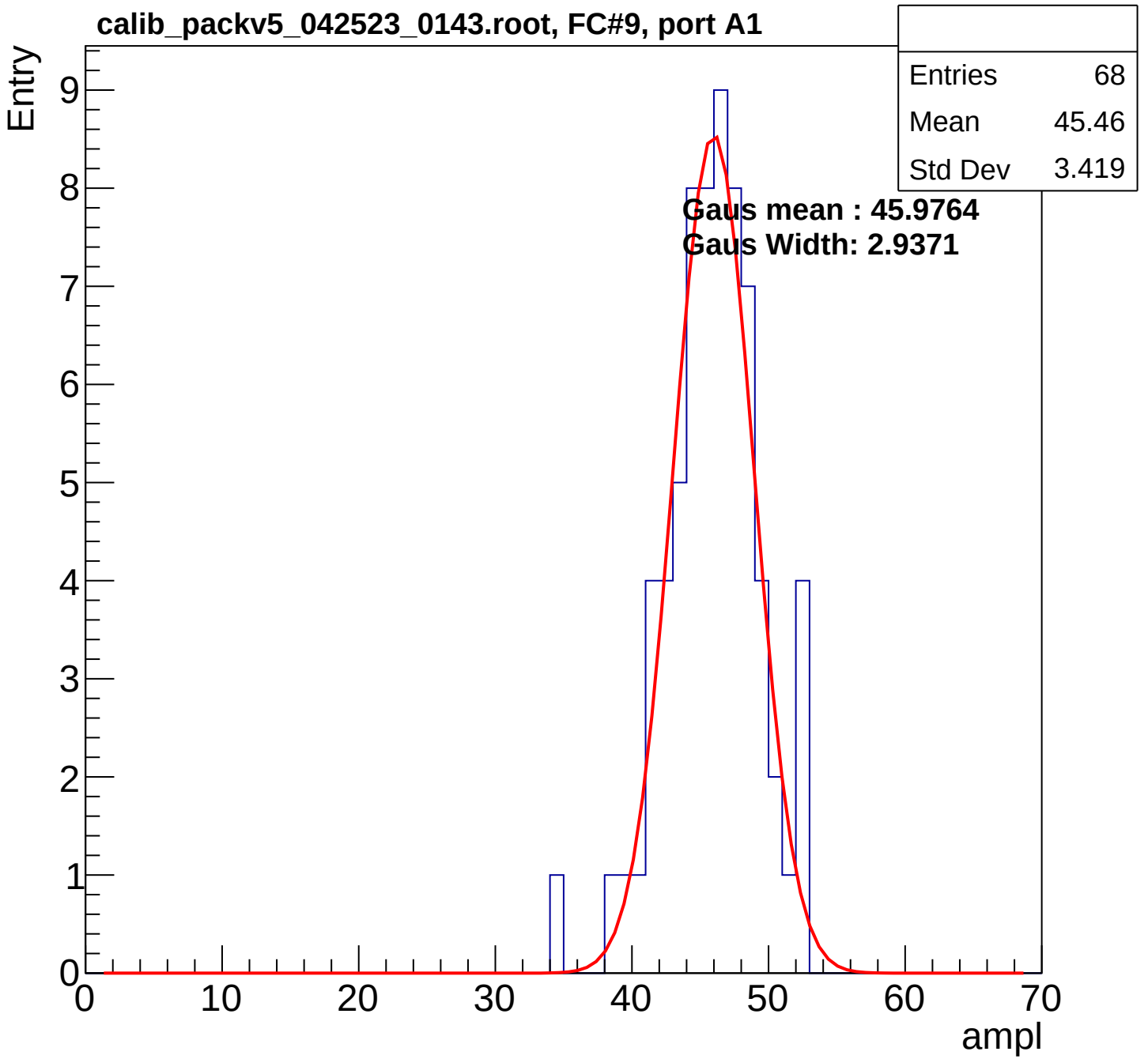
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch34, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 37.78
Std Dev 3.441
Gaus mean : 38.4610
Gaus Width: 3.4036
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch34, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 45.46
Std Dev 3.419
Gaus mean : 45.9764
Gaus Width: 2.9371
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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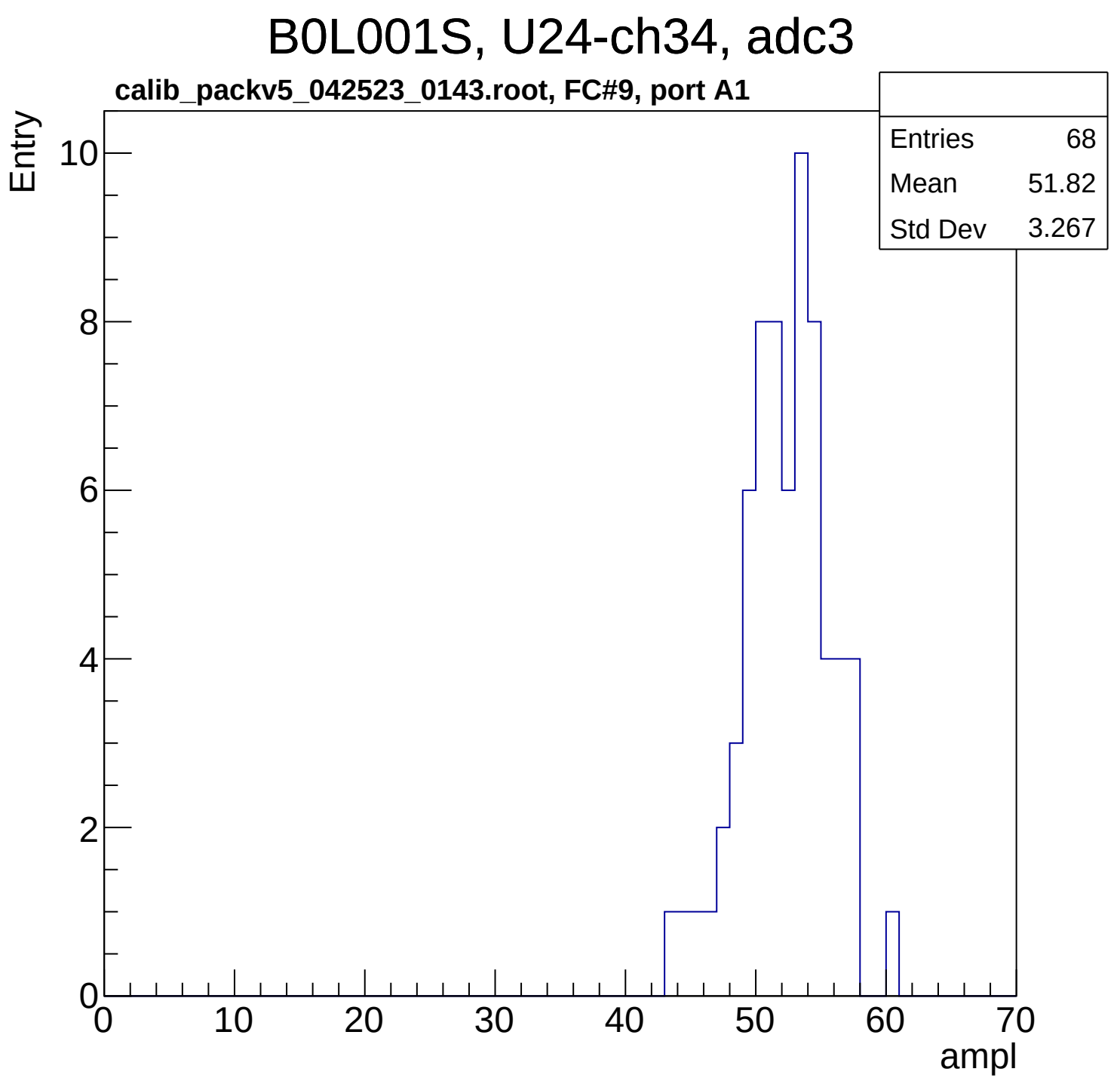
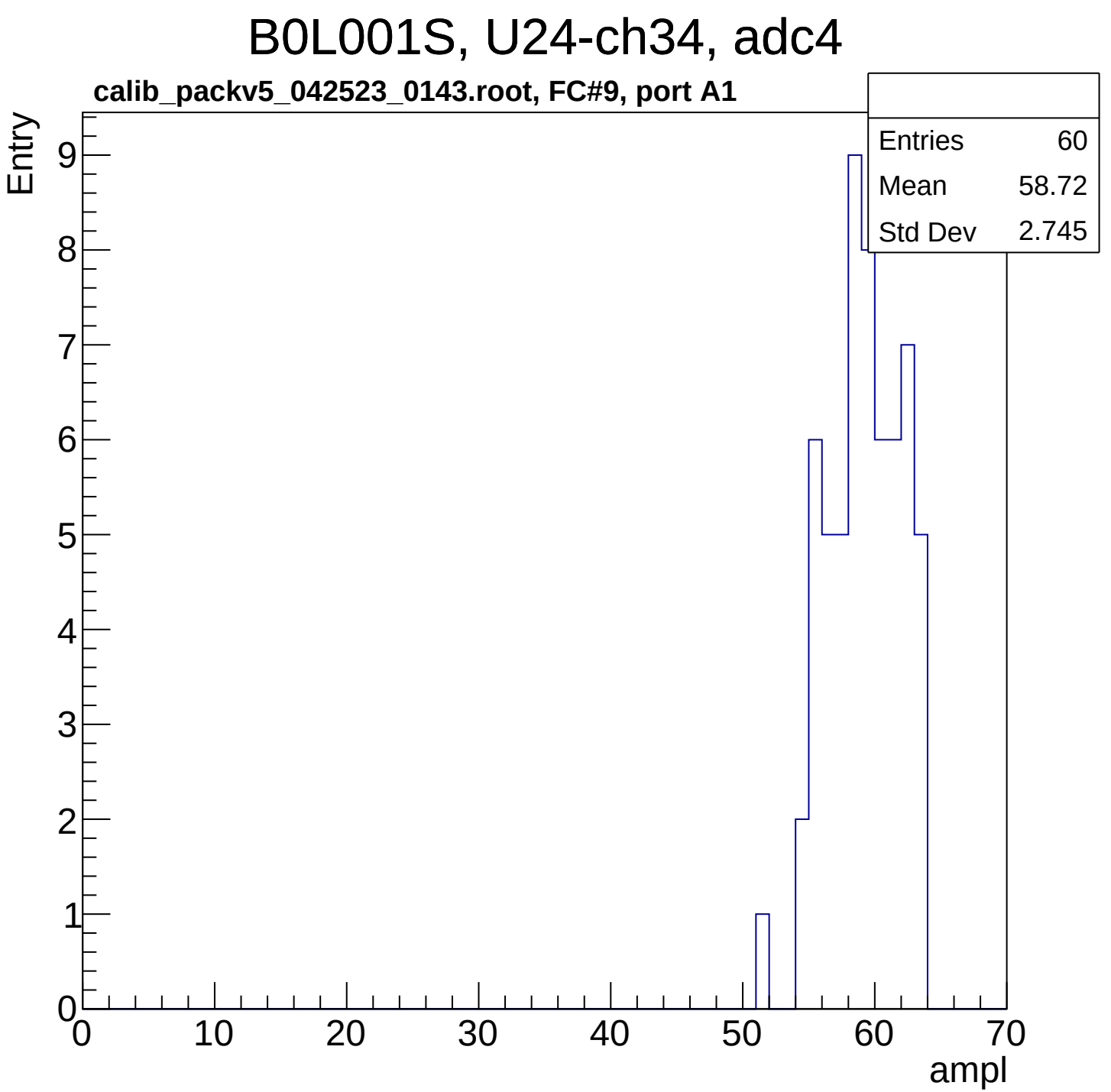
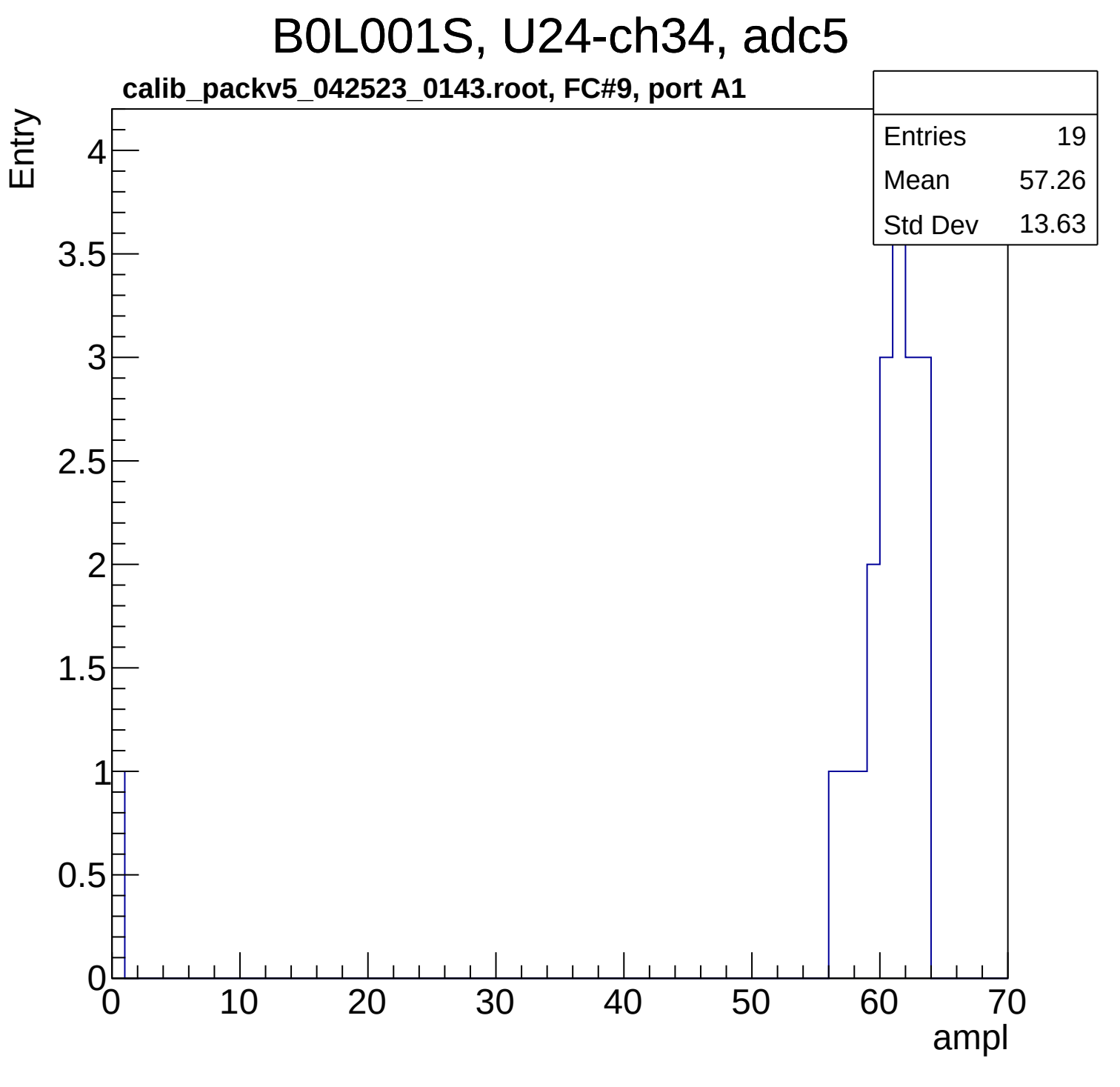

B0L001S, U24-ch34, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 51.82
Std Dev 3.267
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch34, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 58.72
Std Dev 2.745
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch34, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 19
Mean 57.26
Std Dev 13.63
Entry
ampl
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0.5
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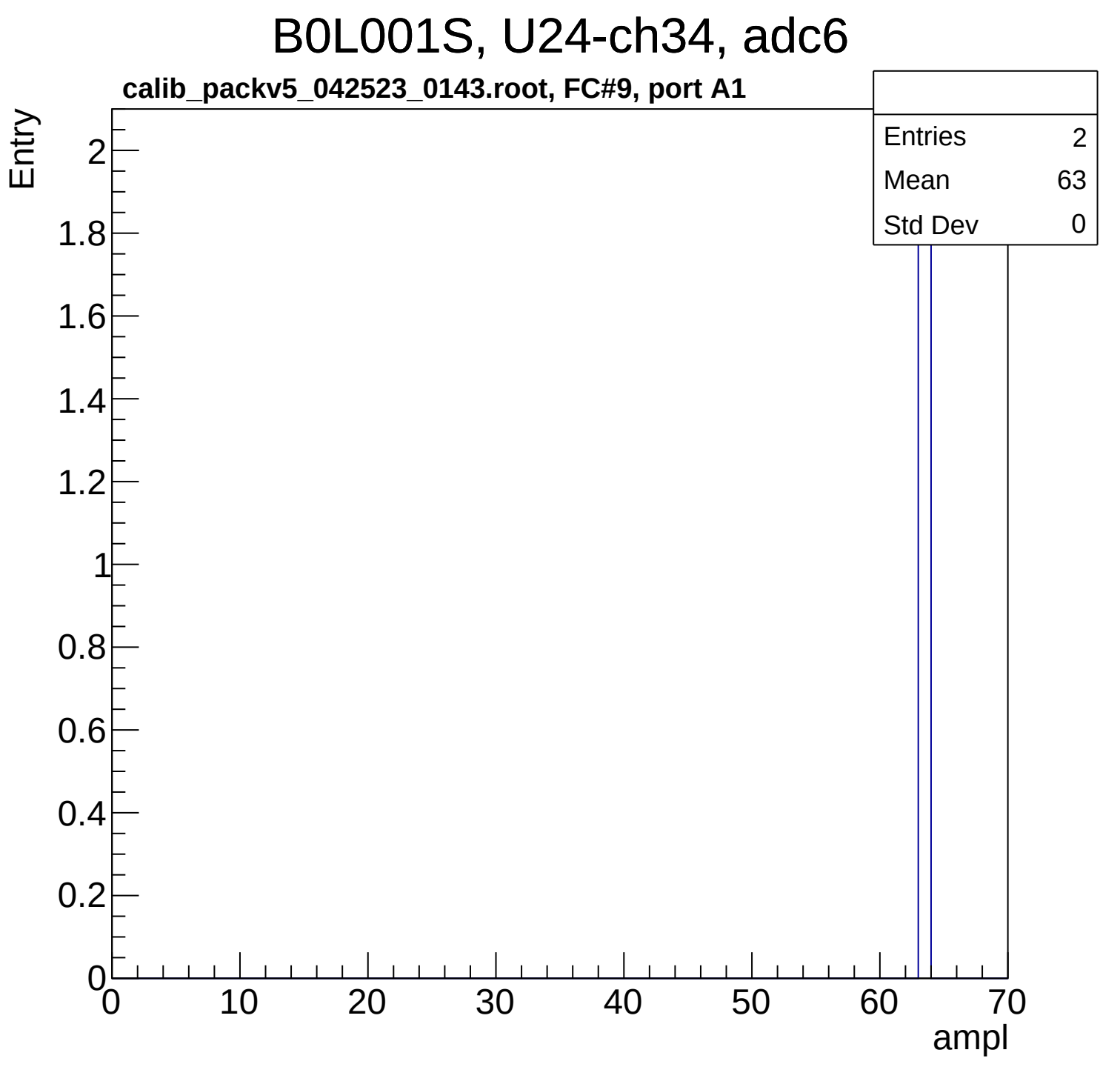
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B0L001S, U24-ch34, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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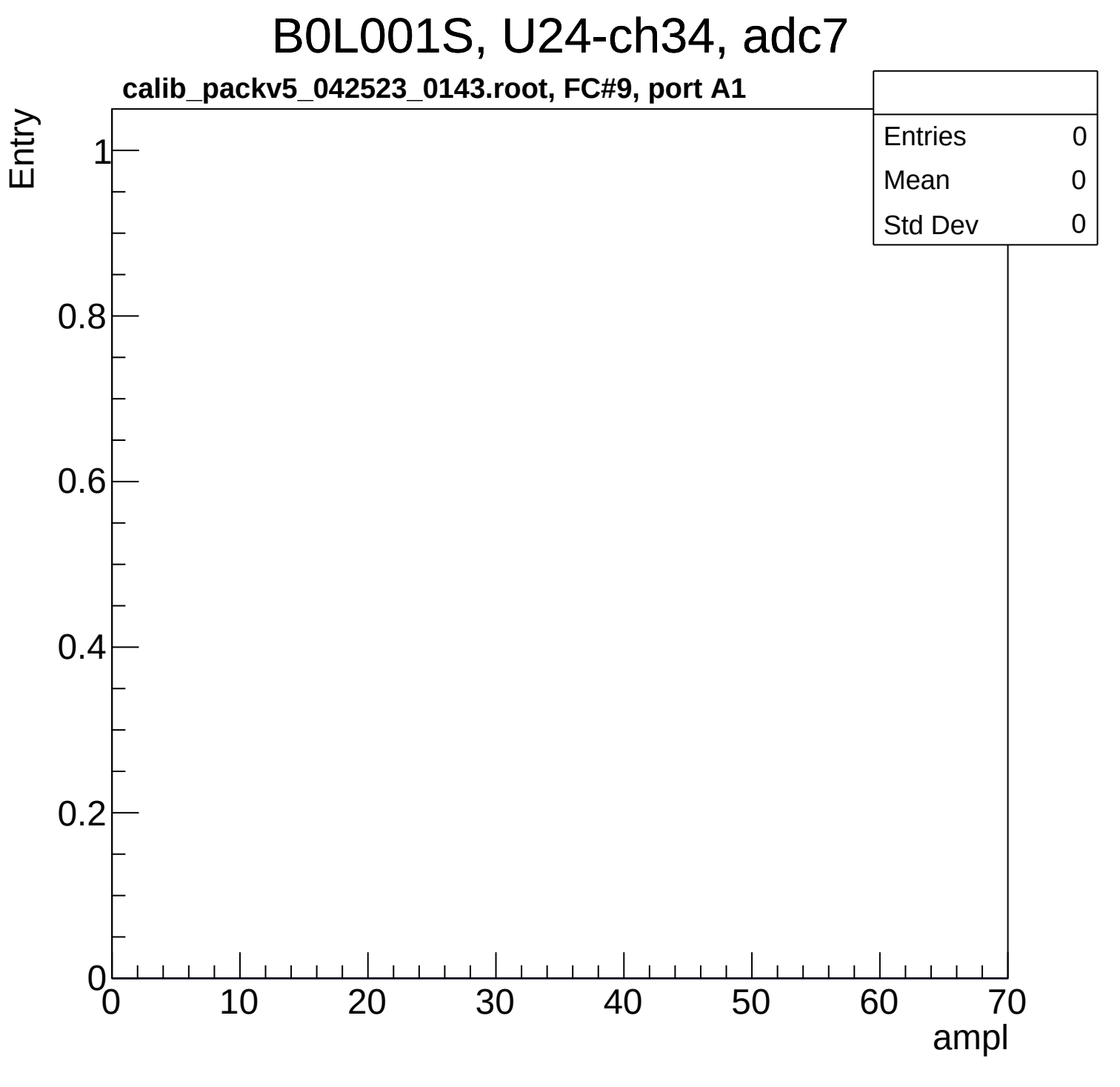
60
70


B0L001S, U24-ch34, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
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10
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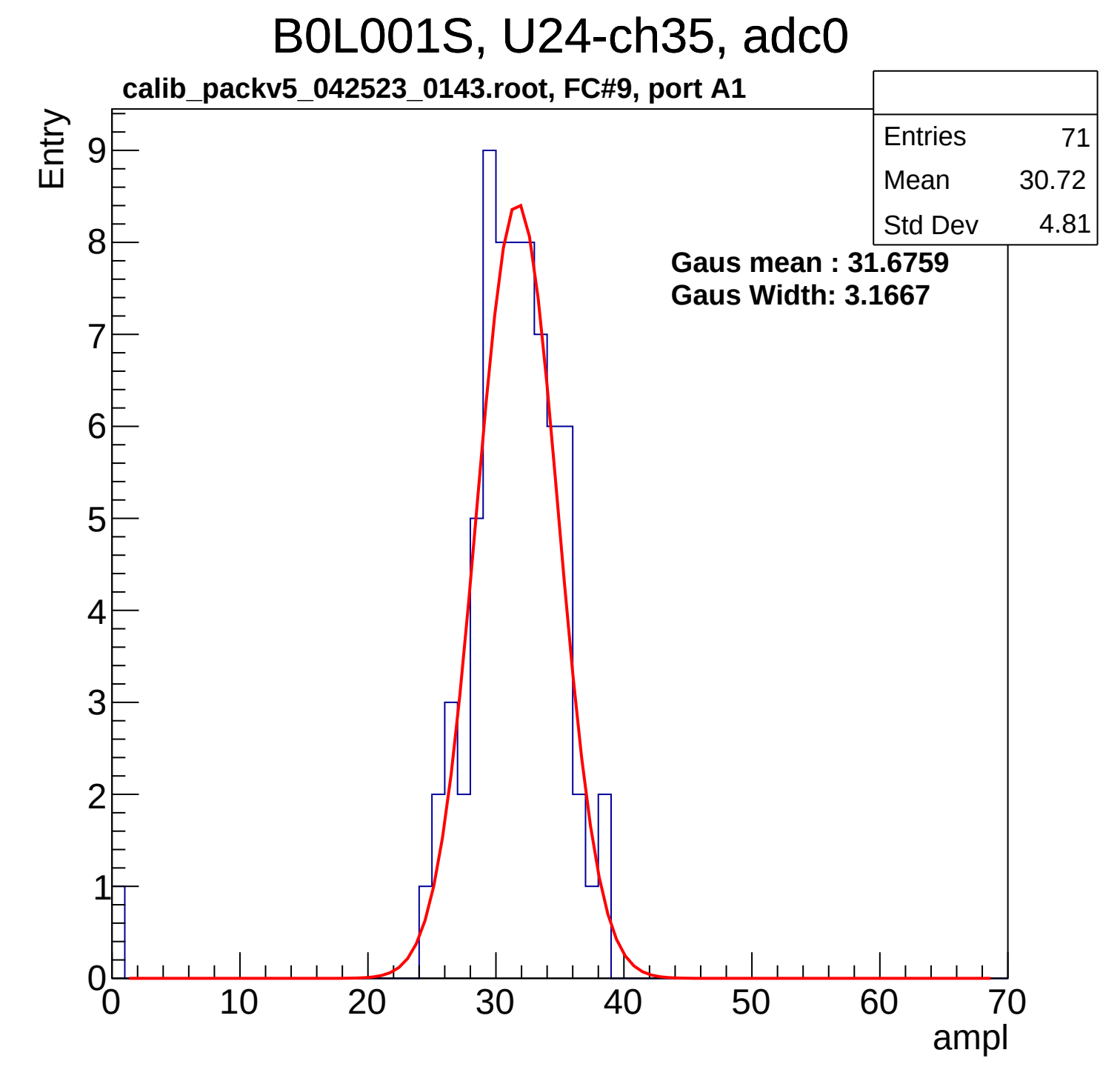
50
60
70
ampl


B0L001S, U24-ch35, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 30.72
Std Dev 4.81
Gaus mean : 31.6759
Gaus Width: 3.1667
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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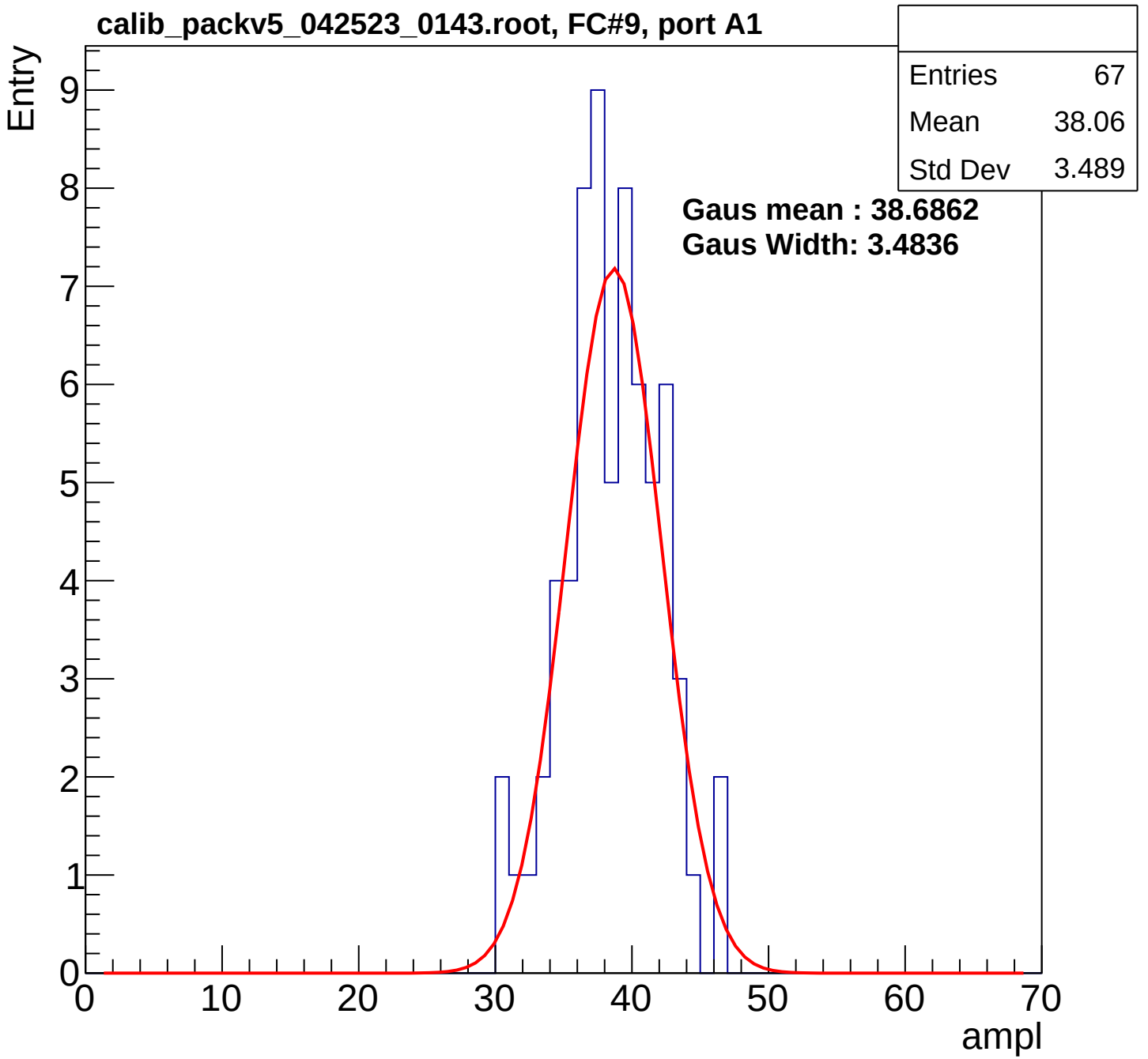
B0L001S, U24-ch35, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 38.06
Std Dev 3.489
Gaus mean : 38.6862
Gaus Width: 3.4836
Entry
ampl
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2
3
4
5
6
7
8
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0
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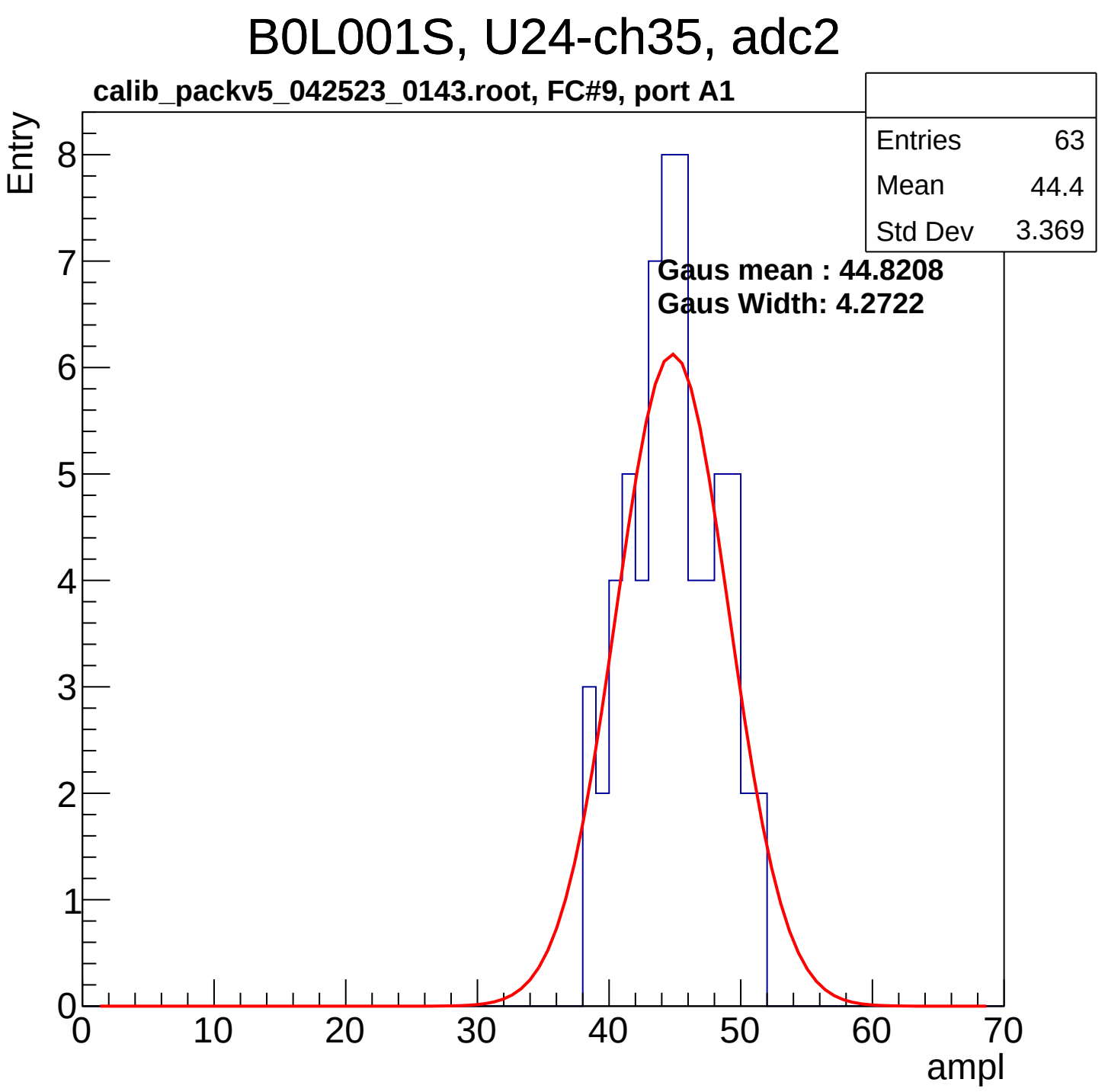
B0L001S, U24-ch35, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 44.4
Std Dev 3.369
Gaus mean : 44.8208
Gaus Width: 4.2722
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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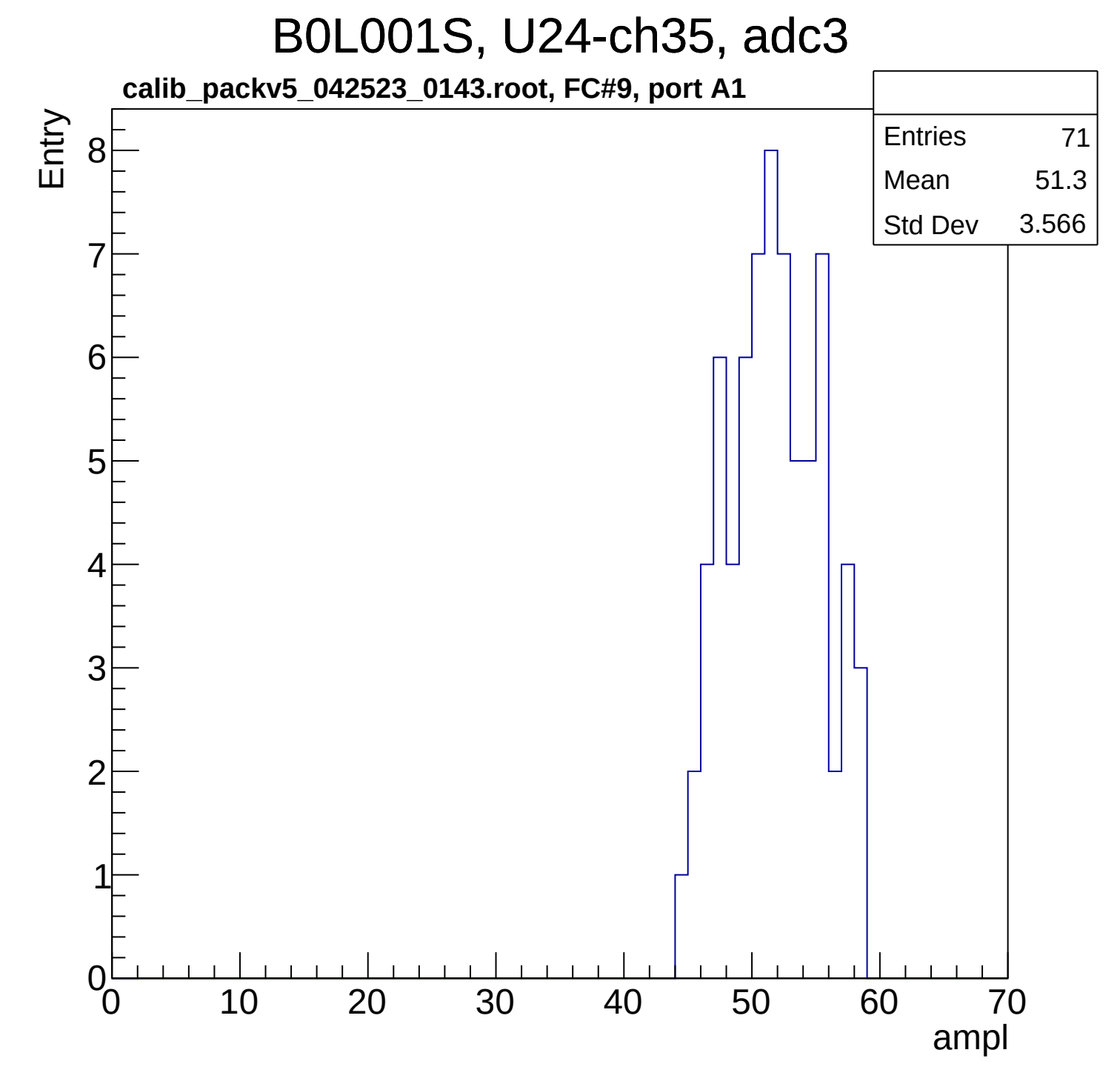
B0L001S, U24-ch35, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 51.3
Std Dev 3.566
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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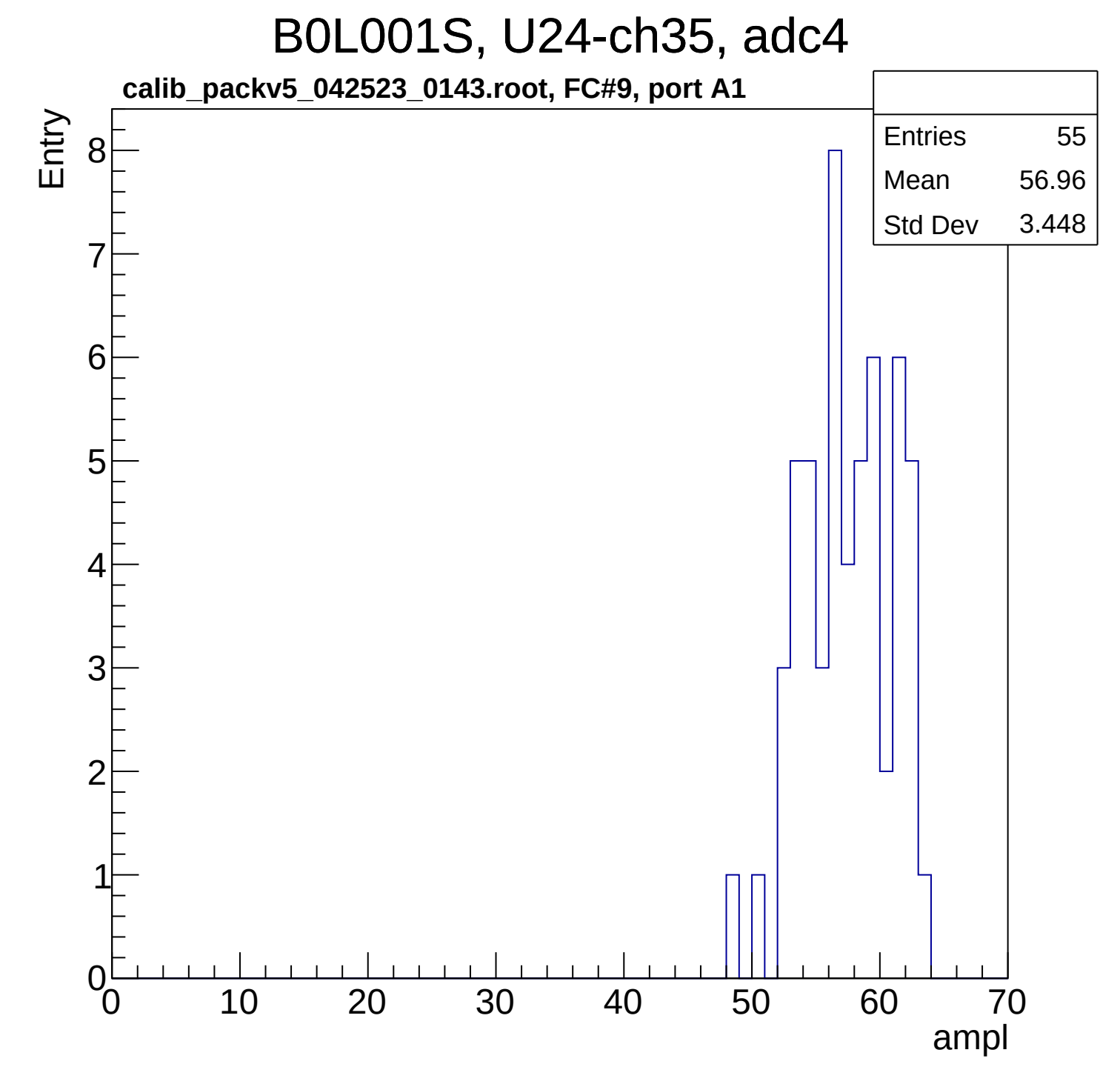
B0L001S, U24-ch35, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 56.96
Std Dev 3.448
Entry
ampl
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1
2
3
4
5
6
7
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0
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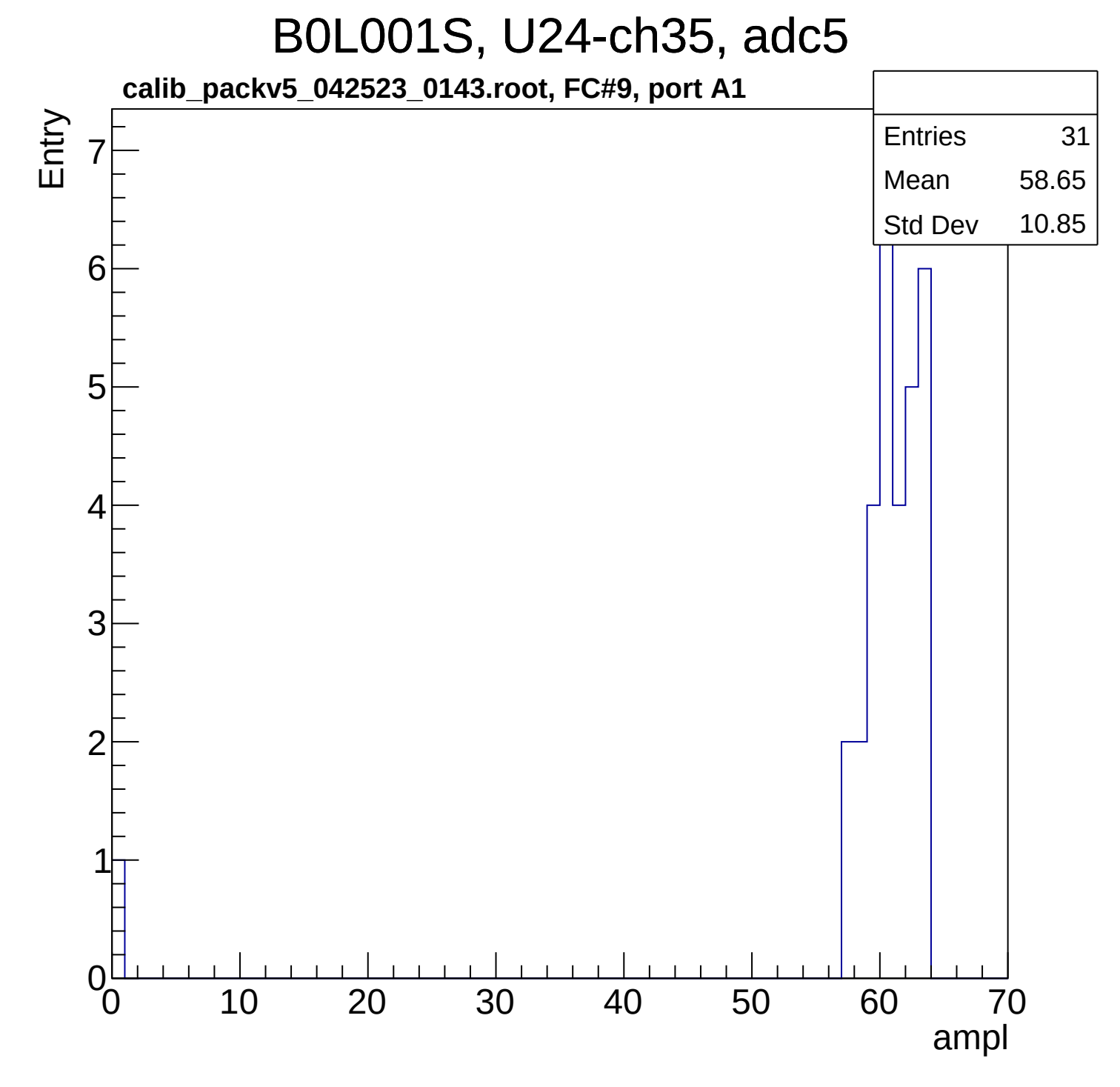
B0L001S, U24-ch35, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 58.65
Std Dev 10.85
Entry
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1
2
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4
5
6
7
0
10
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30
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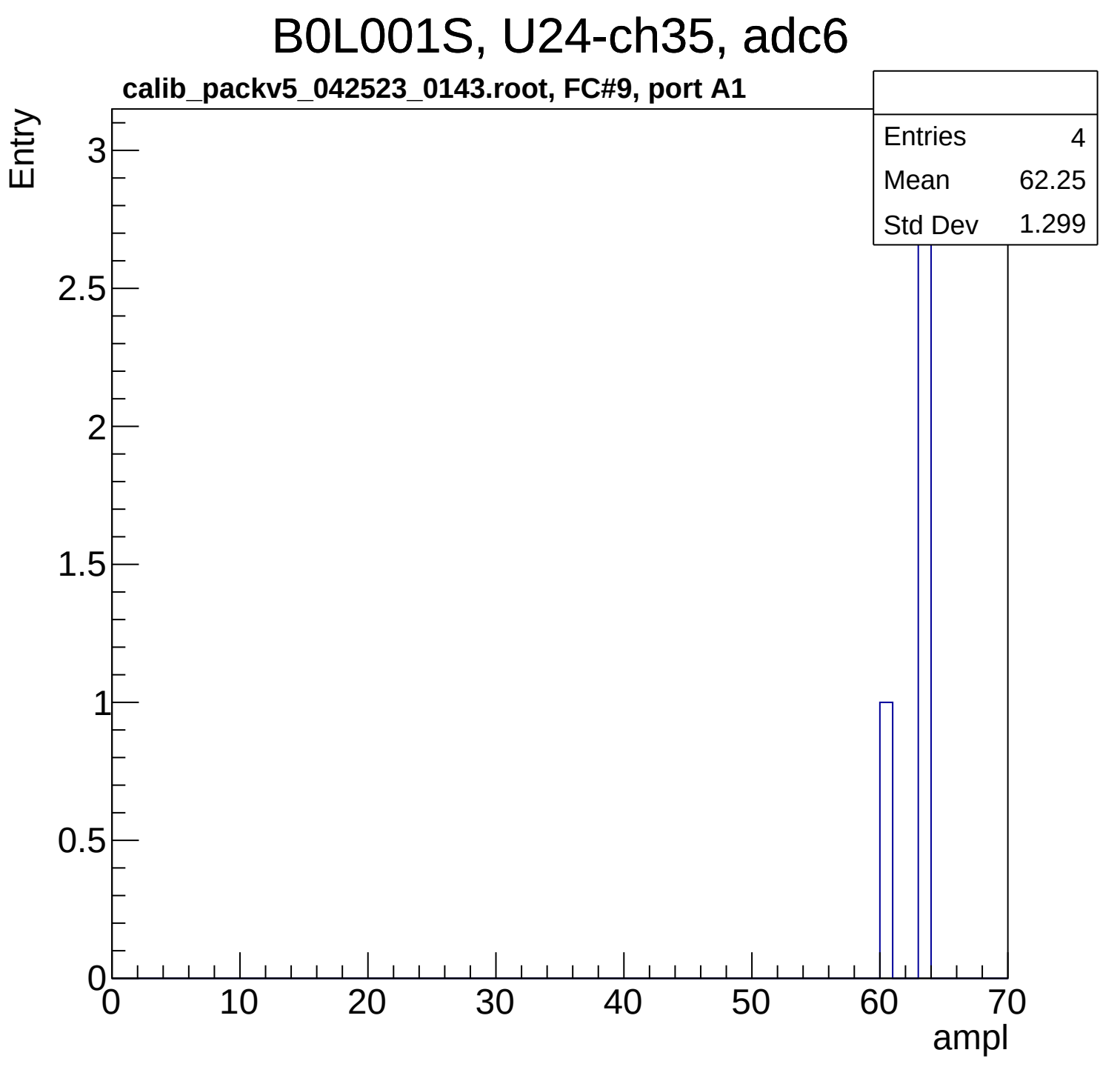
50
60
70
ampl


B0L001S, U24-ch35, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.25
Std Dev 1.299
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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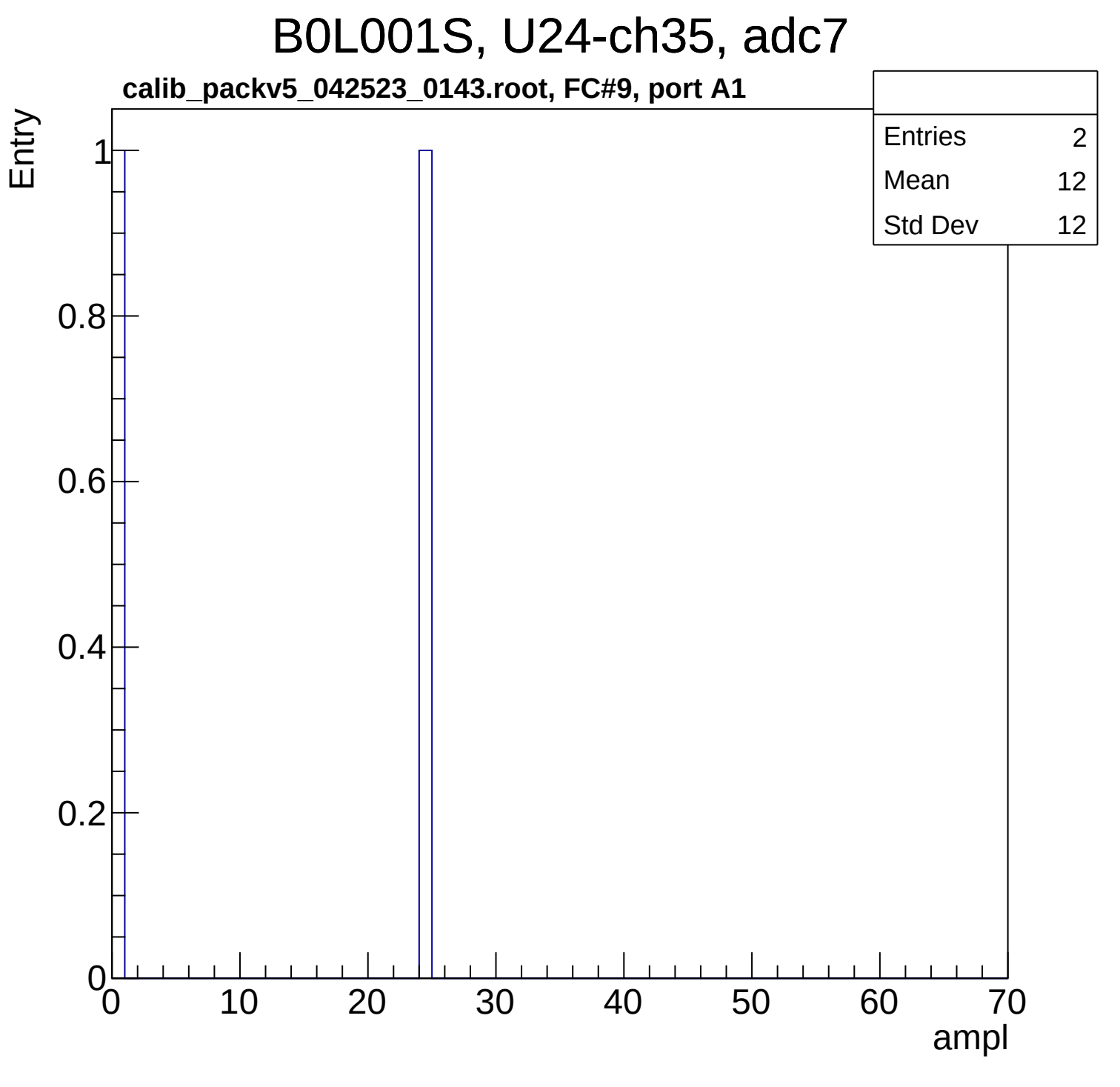
40
50
60
70


B0L001S, U24-ch35, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 12
Std Dev 12
Entry
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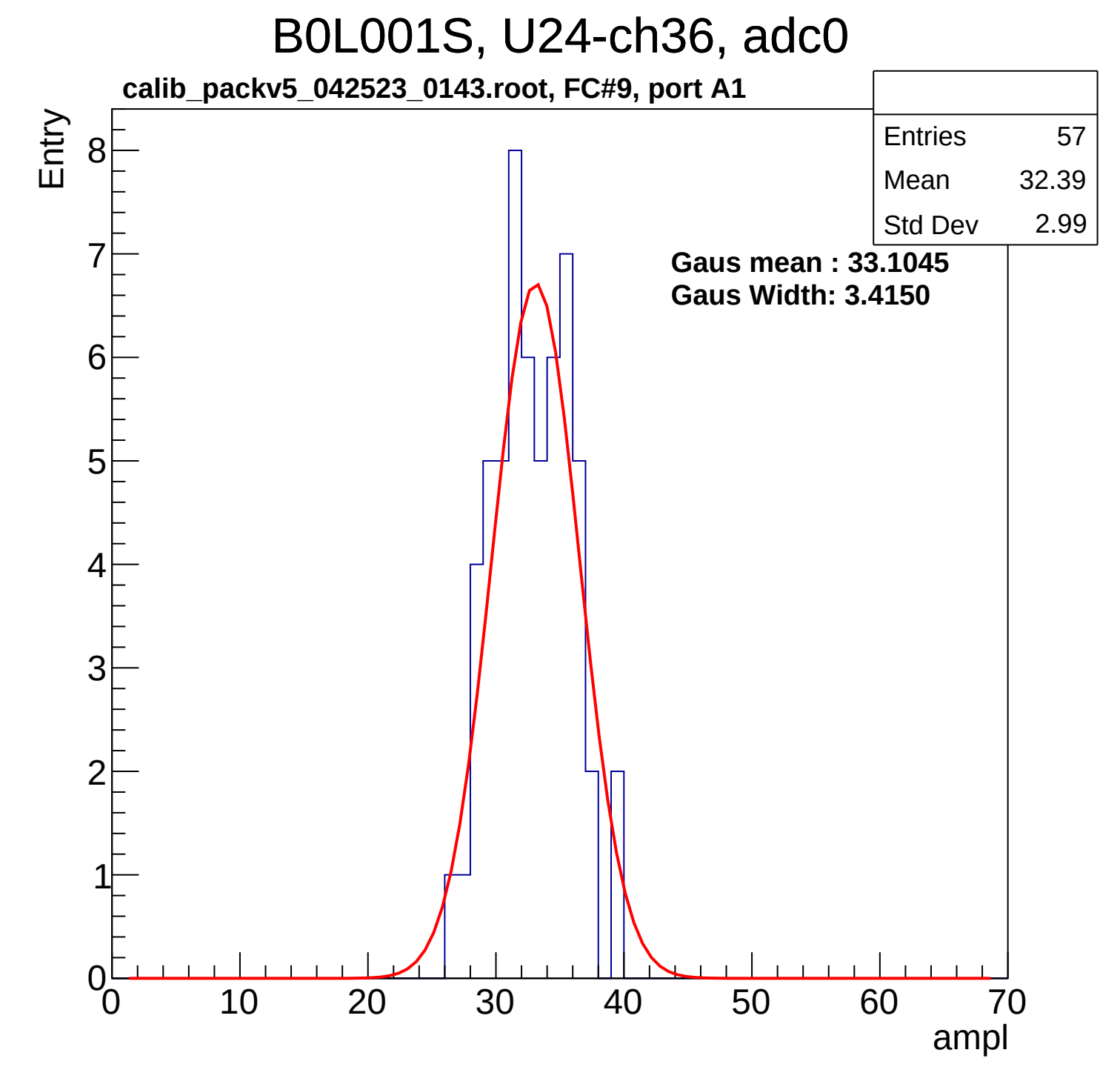
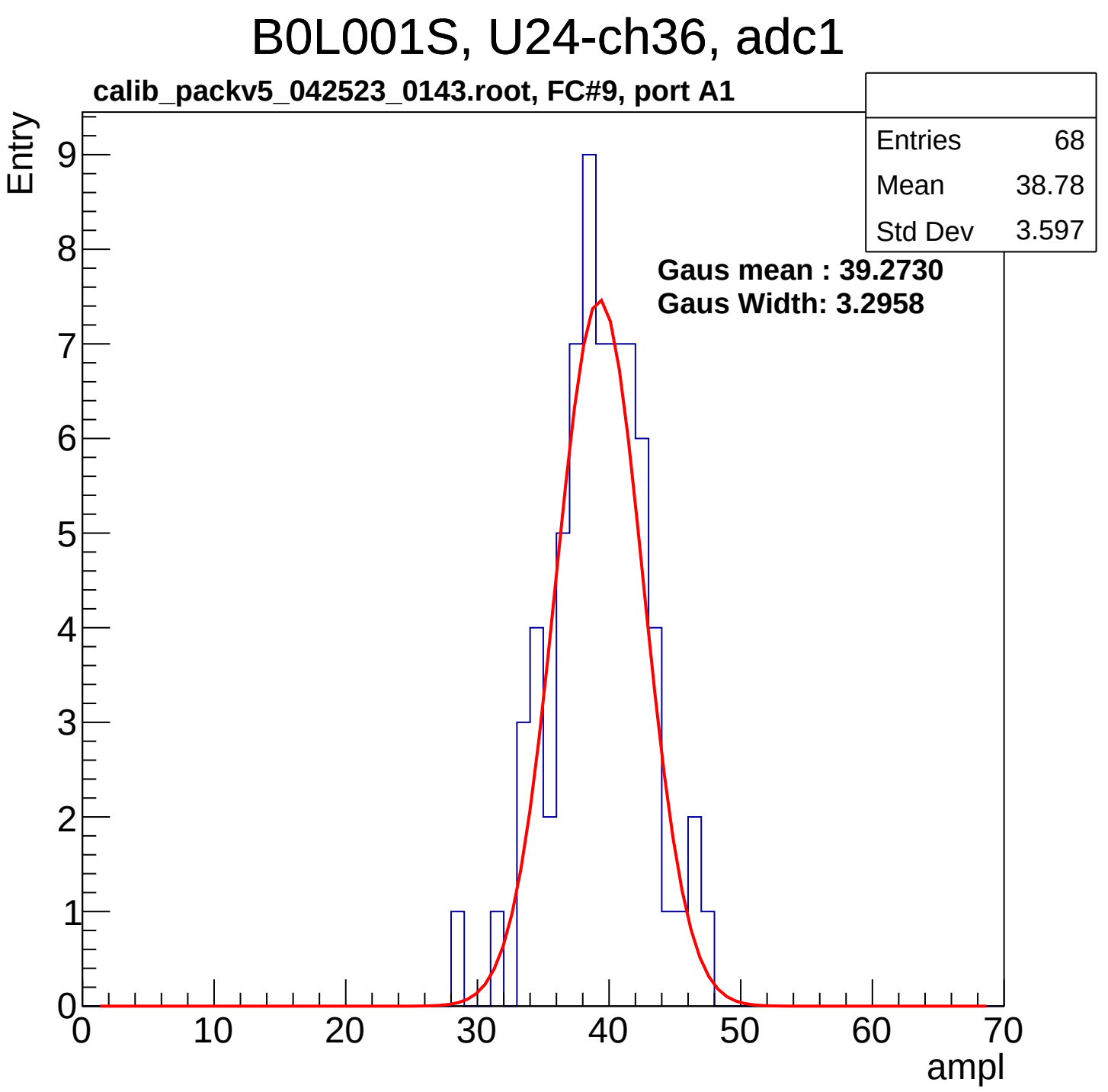
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch36, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 32.39
Std Dev 2.99
Gaus mean : 33.1045
Gaus Width: 3.4150
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch36, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 38.78
Std Dev 3.597
Gaus mean : 39.2730
Gaus Width: 3.2958
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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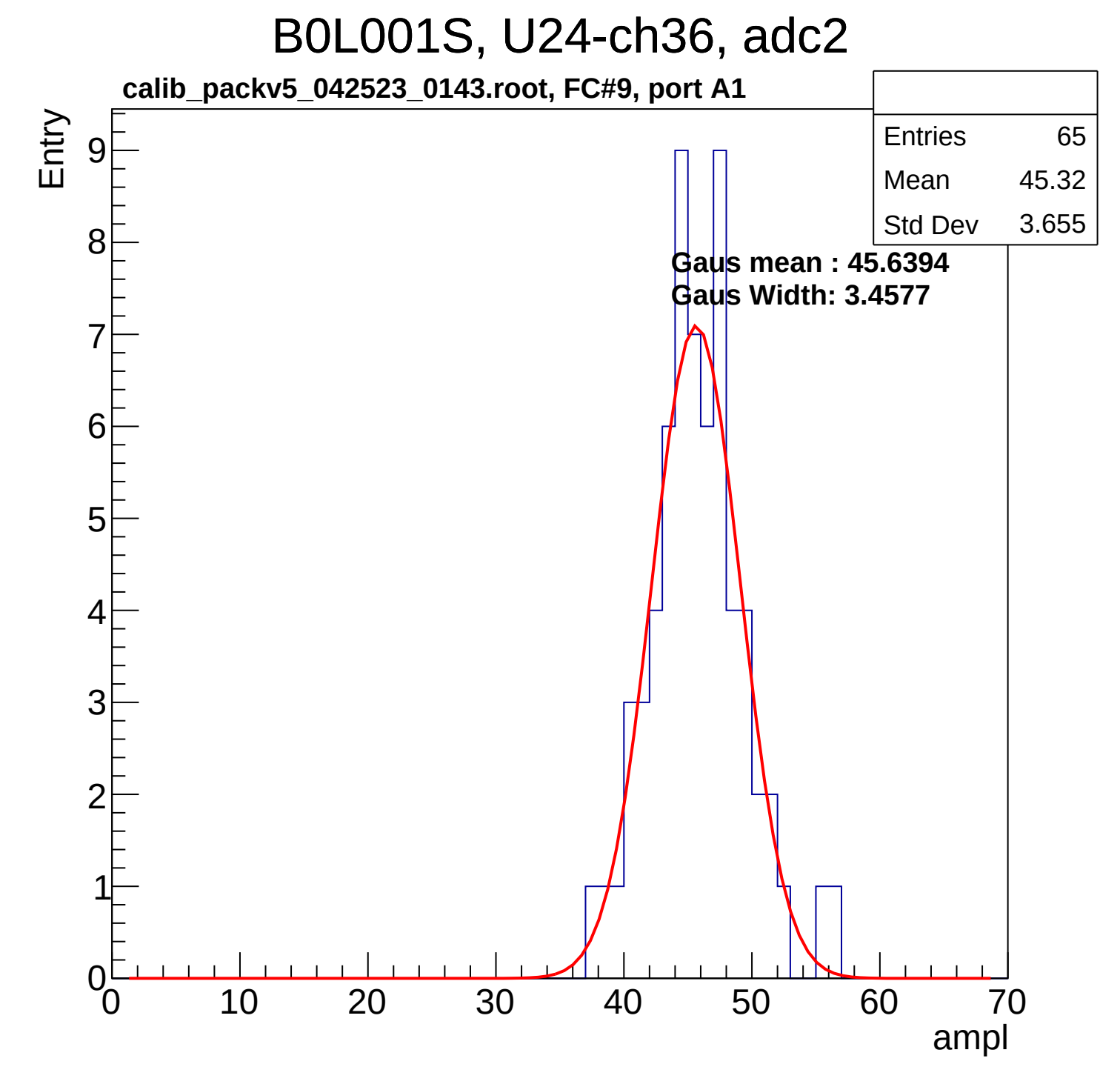
B0L001S, U24-ch36, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 45.32
Std Dev 3.655
Gaus mean : 45.6394
Gaus Width: 3.4577
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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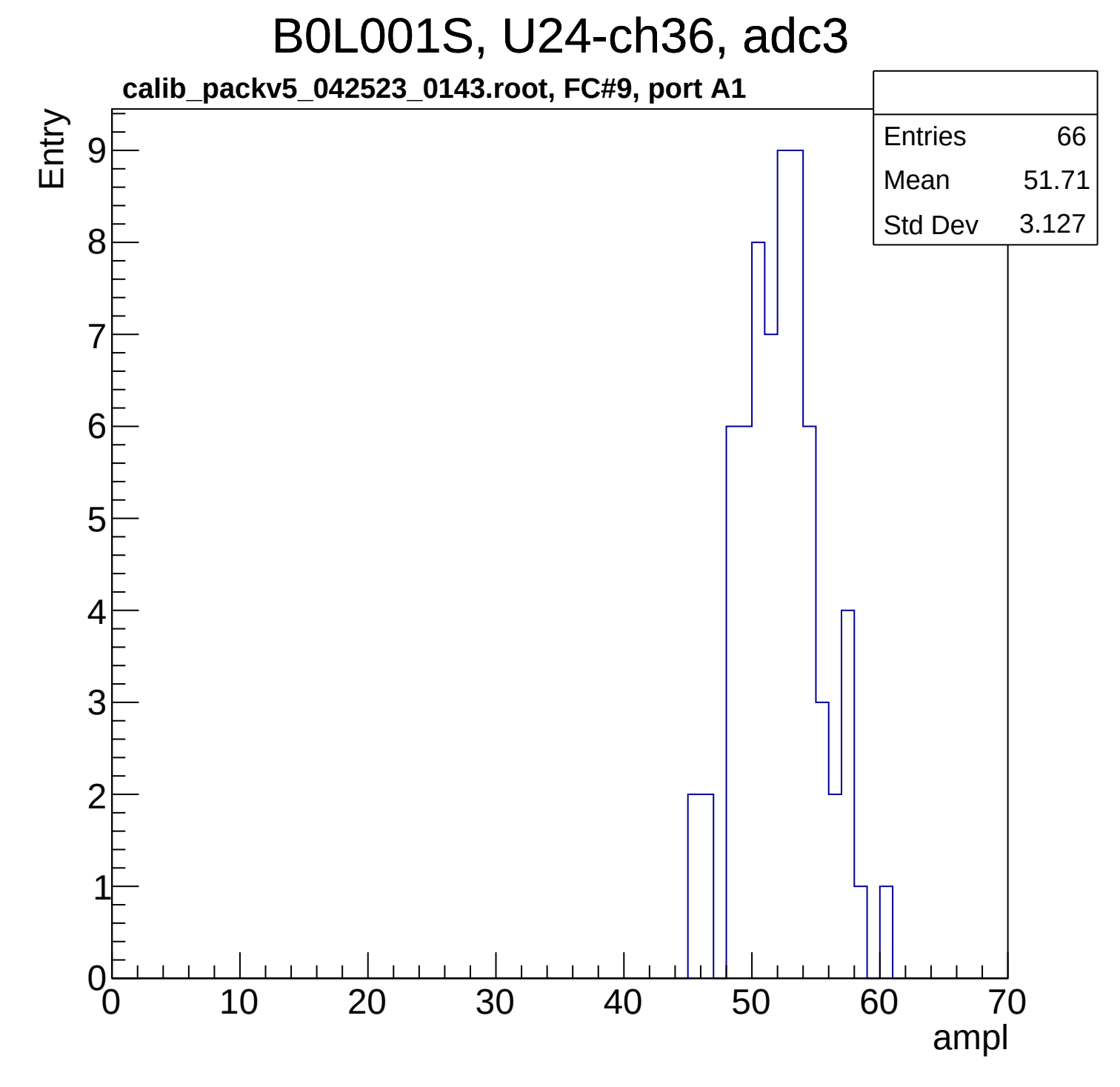
B0L001S, U24-ch36, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 51.71
Std Dev 3.127
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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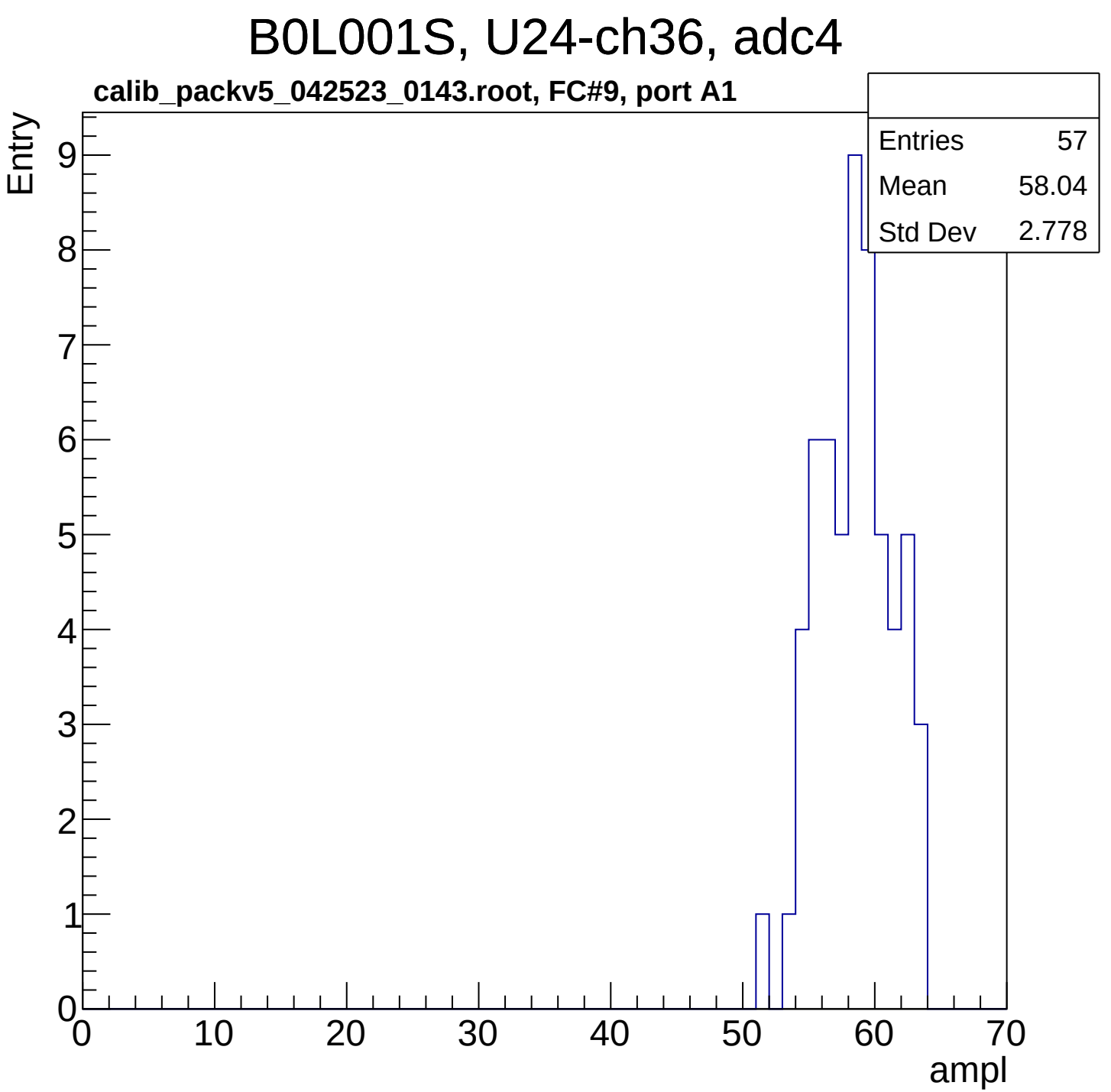
B0L001S, U24-ch36, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 58.04
Std Dev 2.778
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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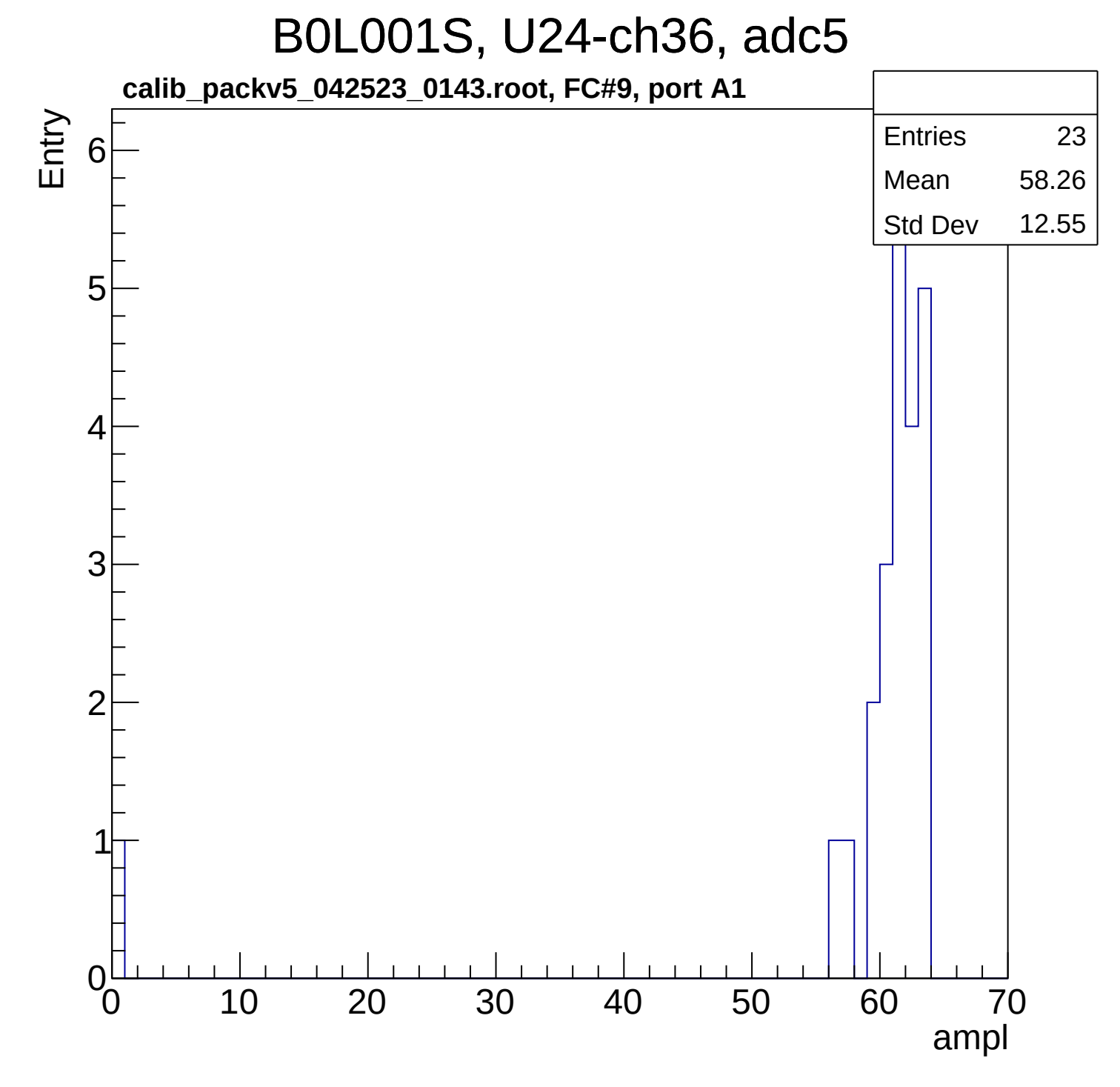
B0L001S, U24-ch36, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 23
Mean 58.26
Std Dev 12.55
Entry
0
1
2
3
4
5
6
0
10
20
30
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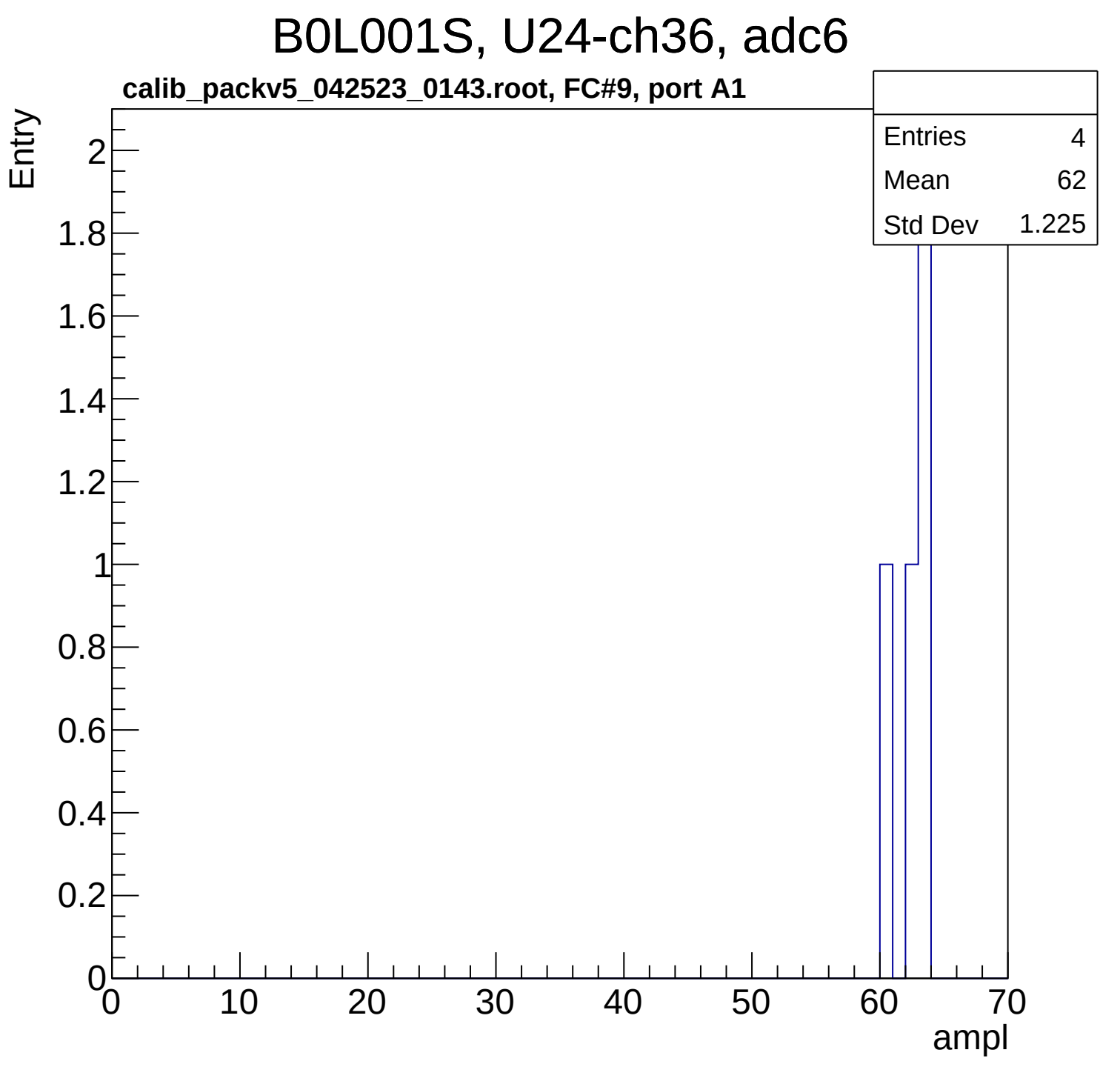
50
60
70
ampl


B0L001S, U24-ch36, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62
Std Dev 1.225
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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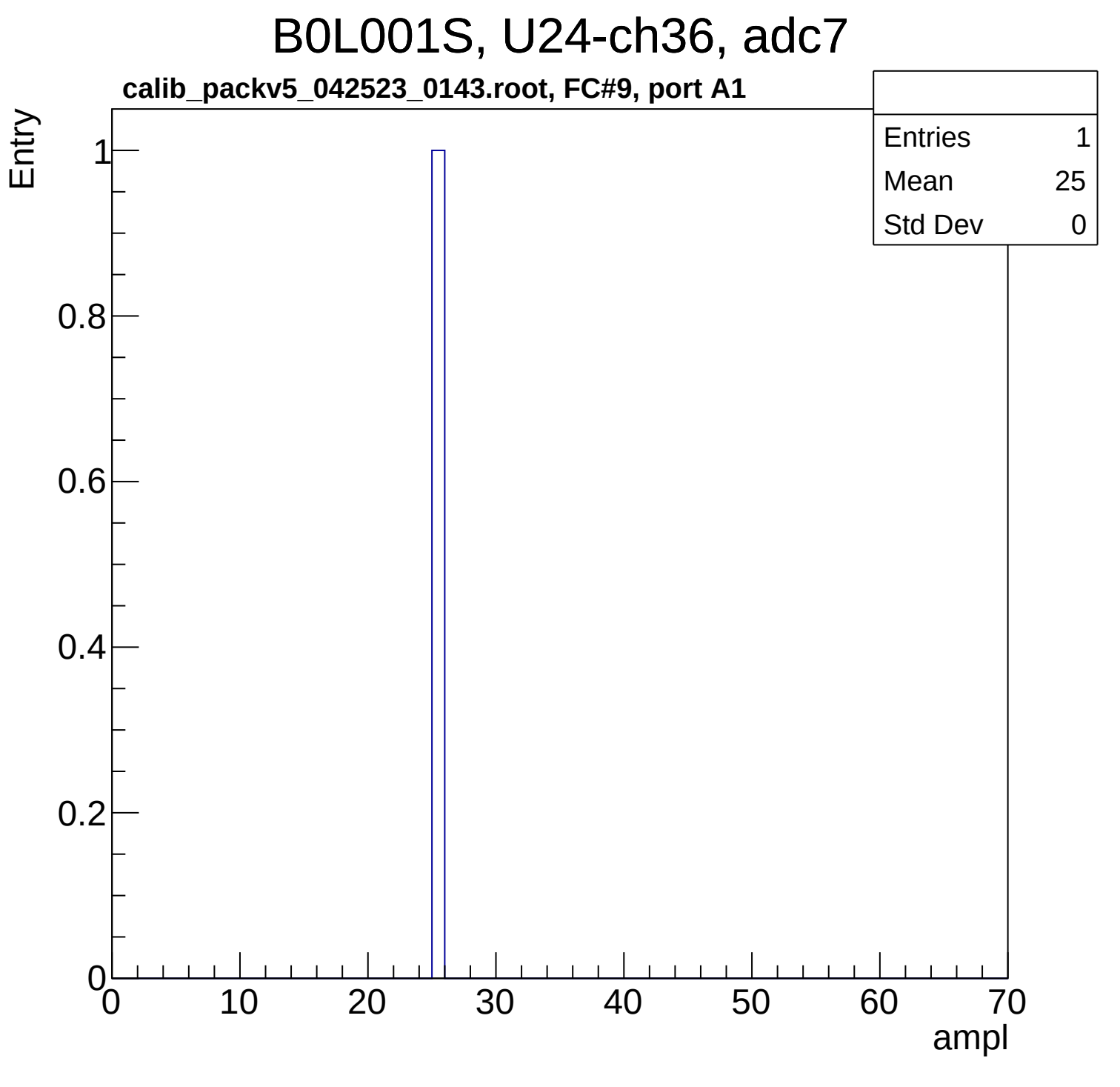
40
50
60
70


B0L001S, U24-ch36, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 25
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
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30
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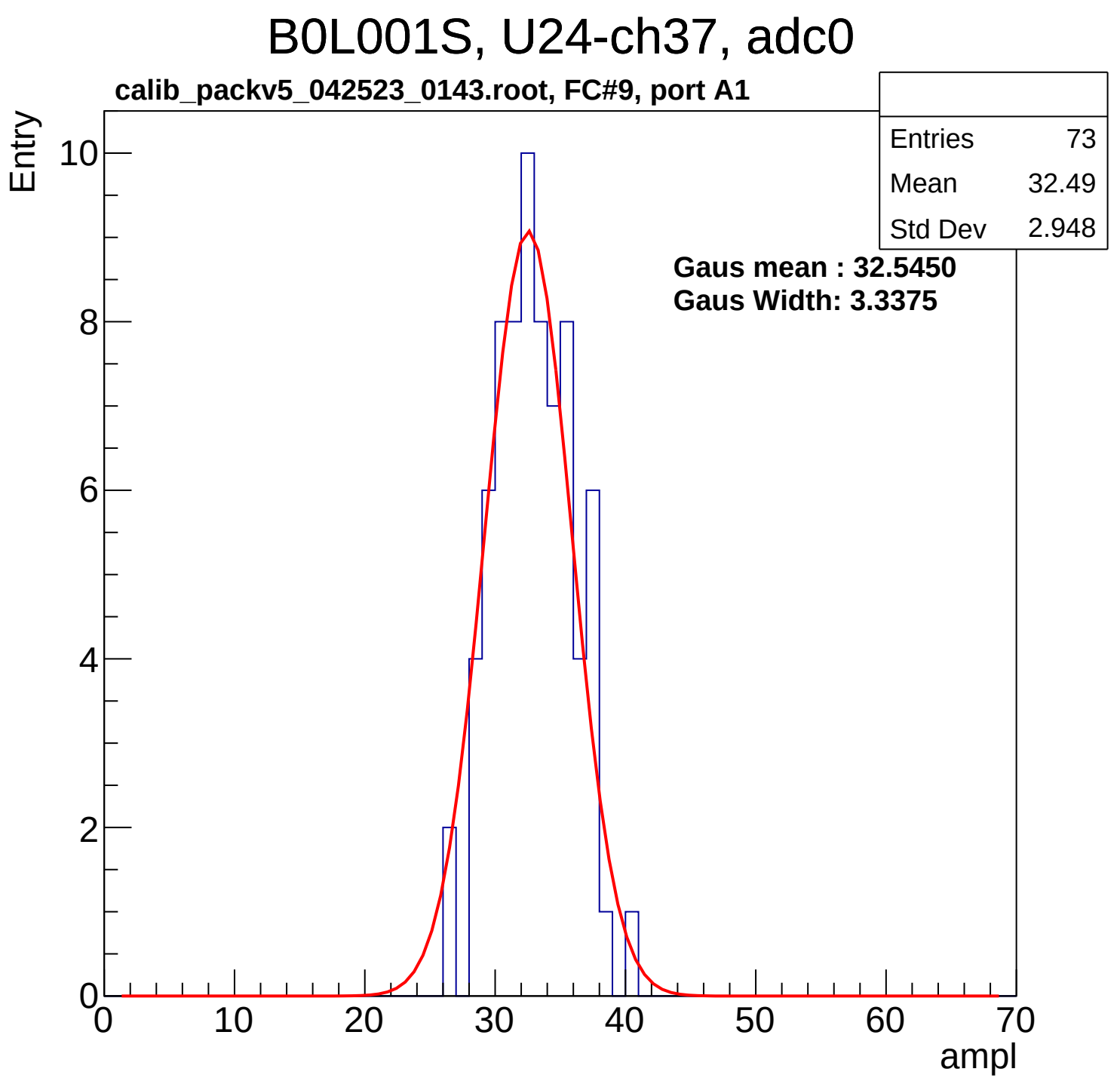
50
60
70
ampl


B0L001S, U24-ch37, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 32.49
Std Dev 2.948
Gaus mean : 32.5450
Gaus Width: 3.3375
Entry
ampl
0
2
4
6
8
10
0
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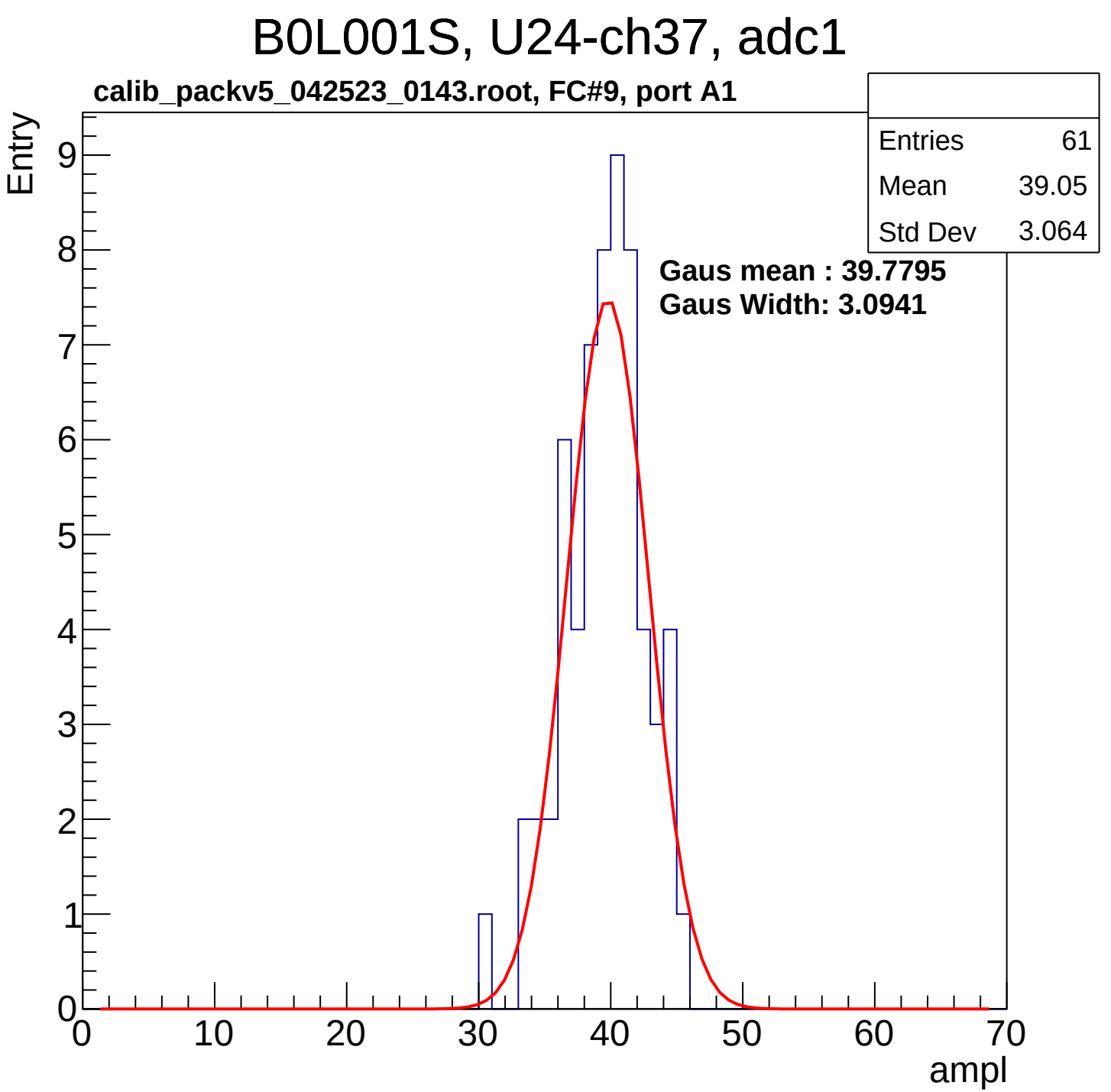
20
30
40
50
60
70


B0L001S, U24-ch37, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 39.05
Std Dev 3.064
Gaus mean : 39.7795
Gaus Width: 3.0941
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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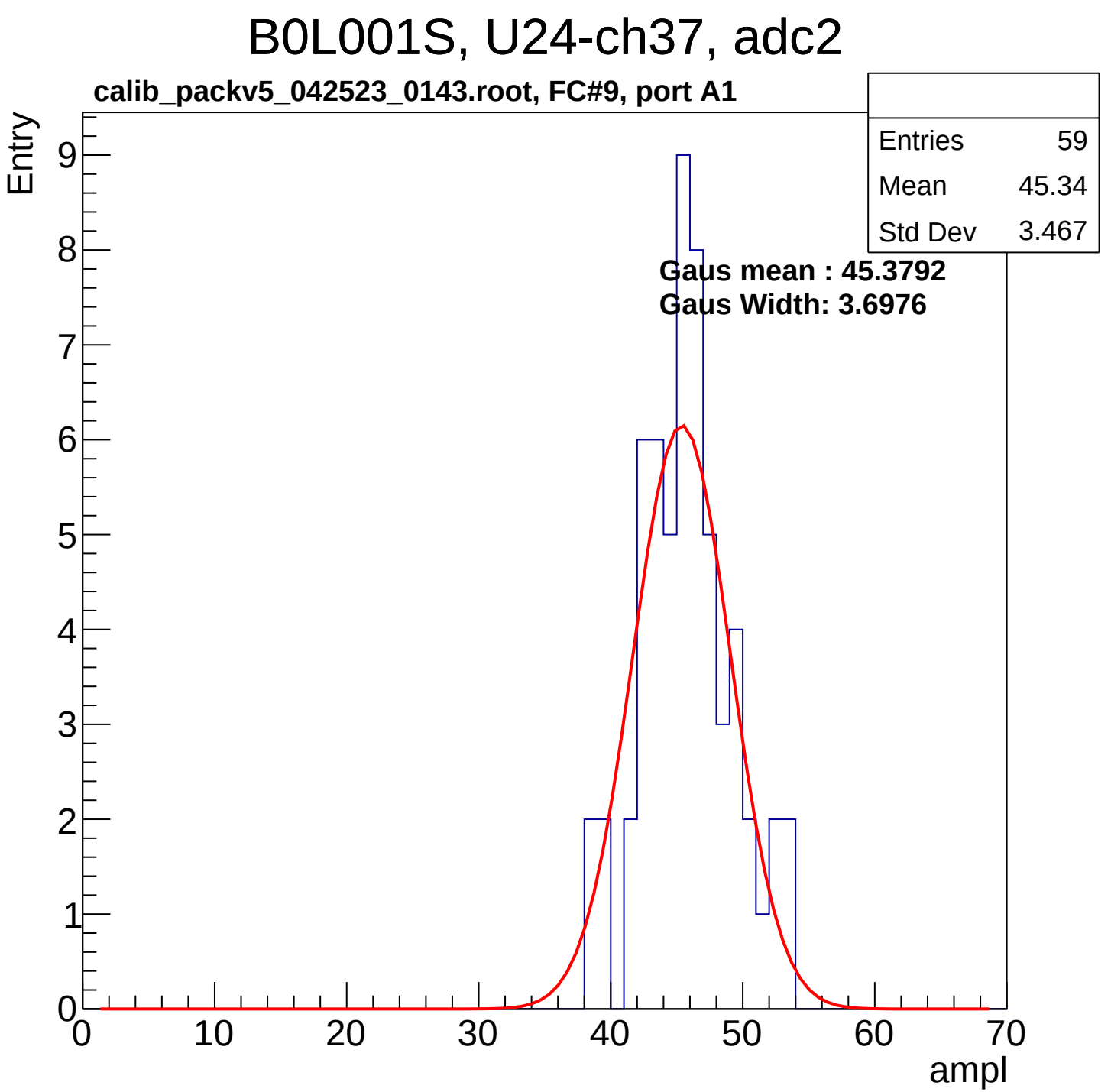
B0L001S, U24-ch37, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 45.34
Std Dev 3.467
Gaus mean : 45.3792
Gaus Width: 3.6976
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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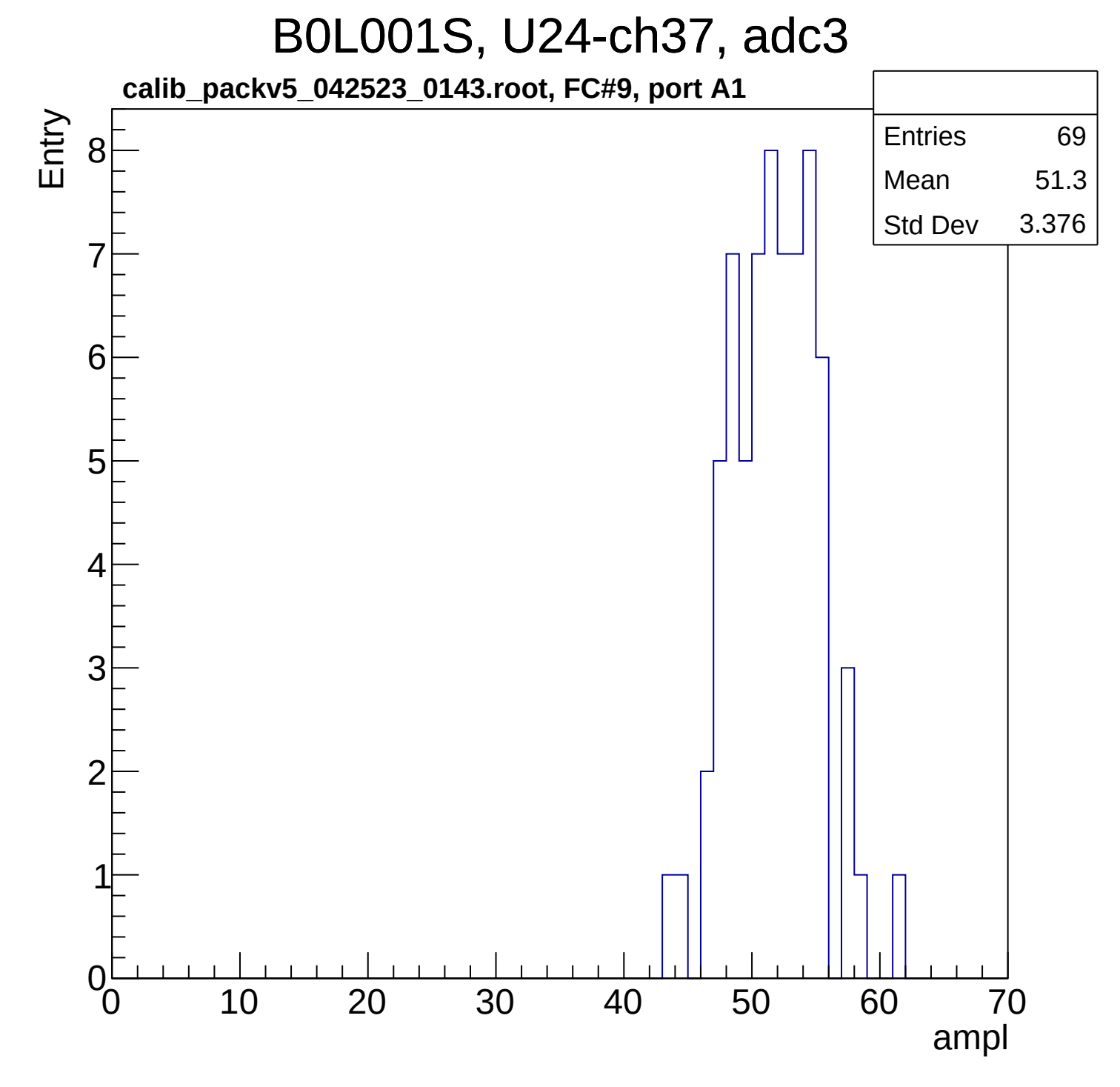
B0L001S, U24-ch37, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 51.3
Std Dev 3.376
Entry
ampl
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7
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0
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60
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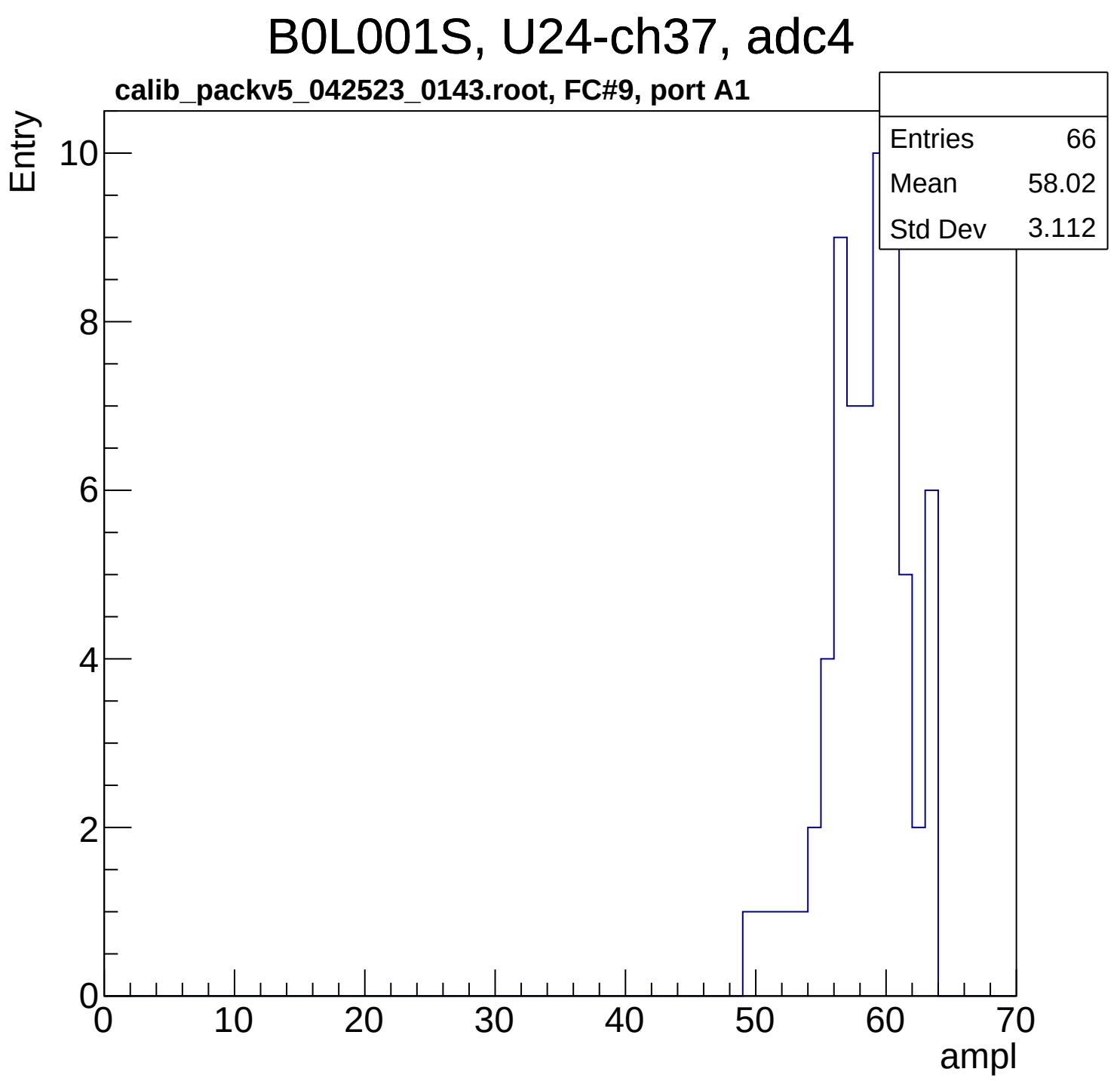
B0L001S, U24-ch37, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 58.02
Std Dev 3.112
Entry
ampl
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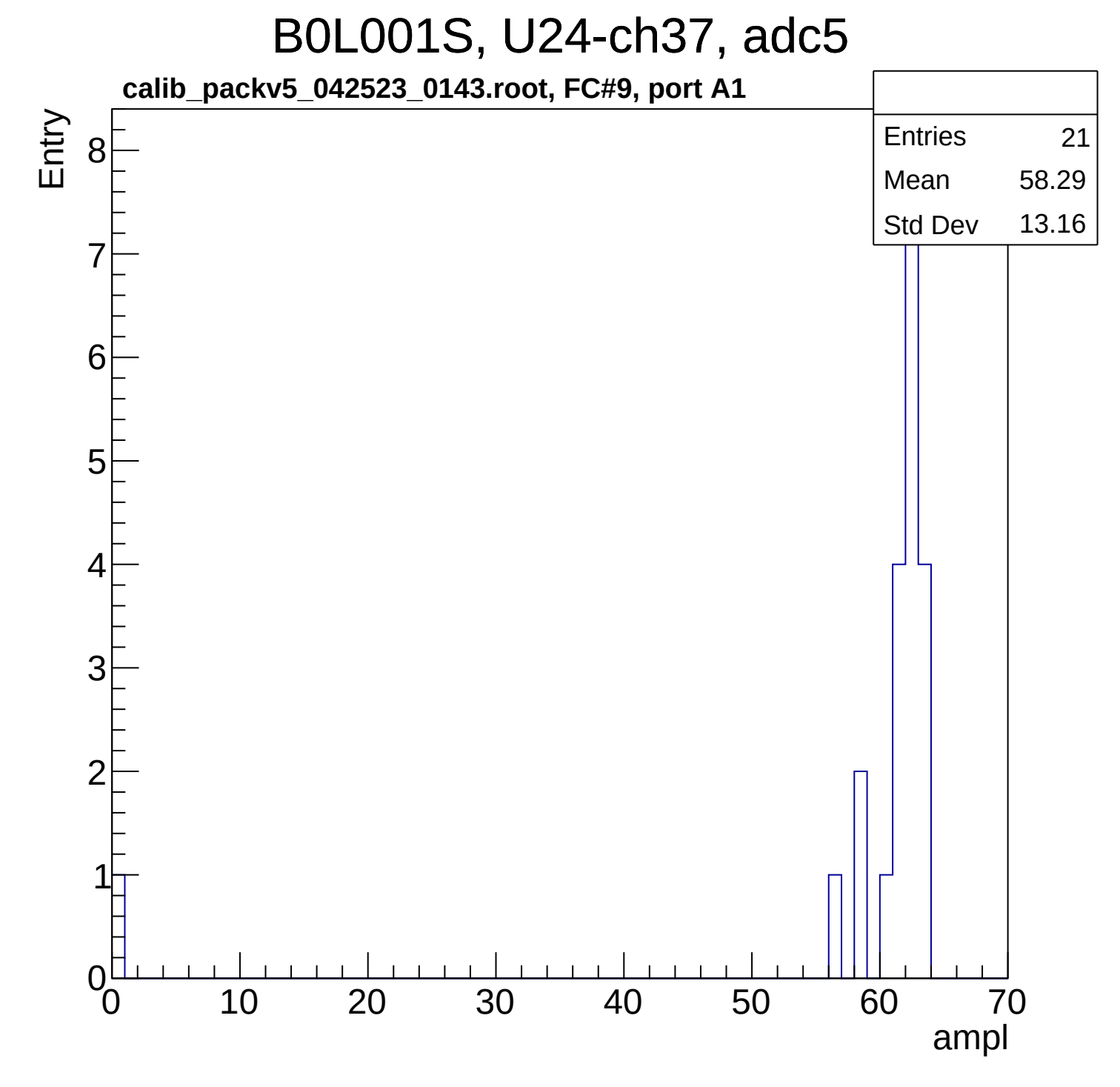
60
70


B0L001S, U24-ch37, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 21
Mean 58.29
Std Dev 13.16
Entry
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2
3
4
5
6
7
8
0
10
20
30
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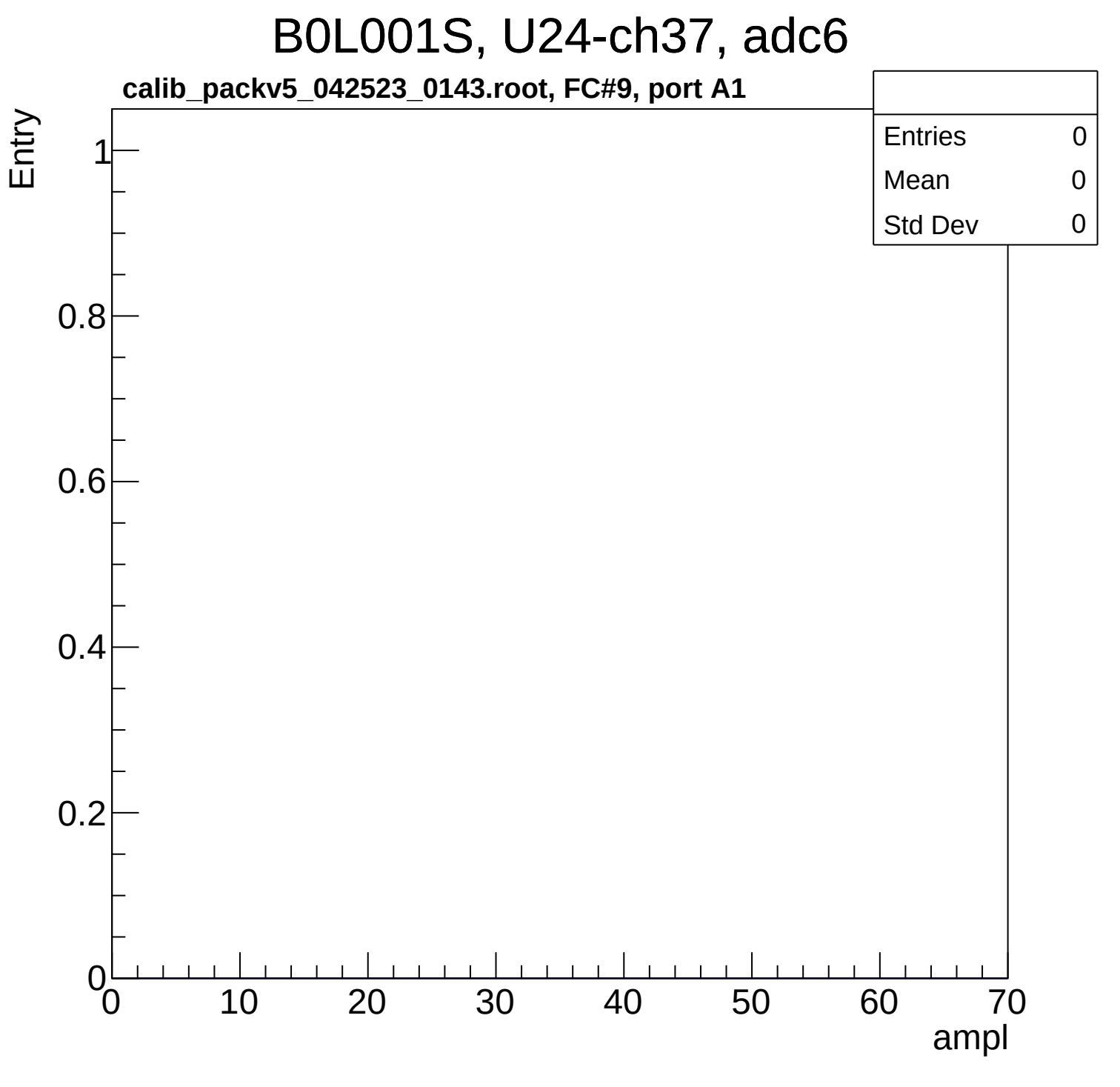
50
60
70
ampl


B0L001S, U24-ch37, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
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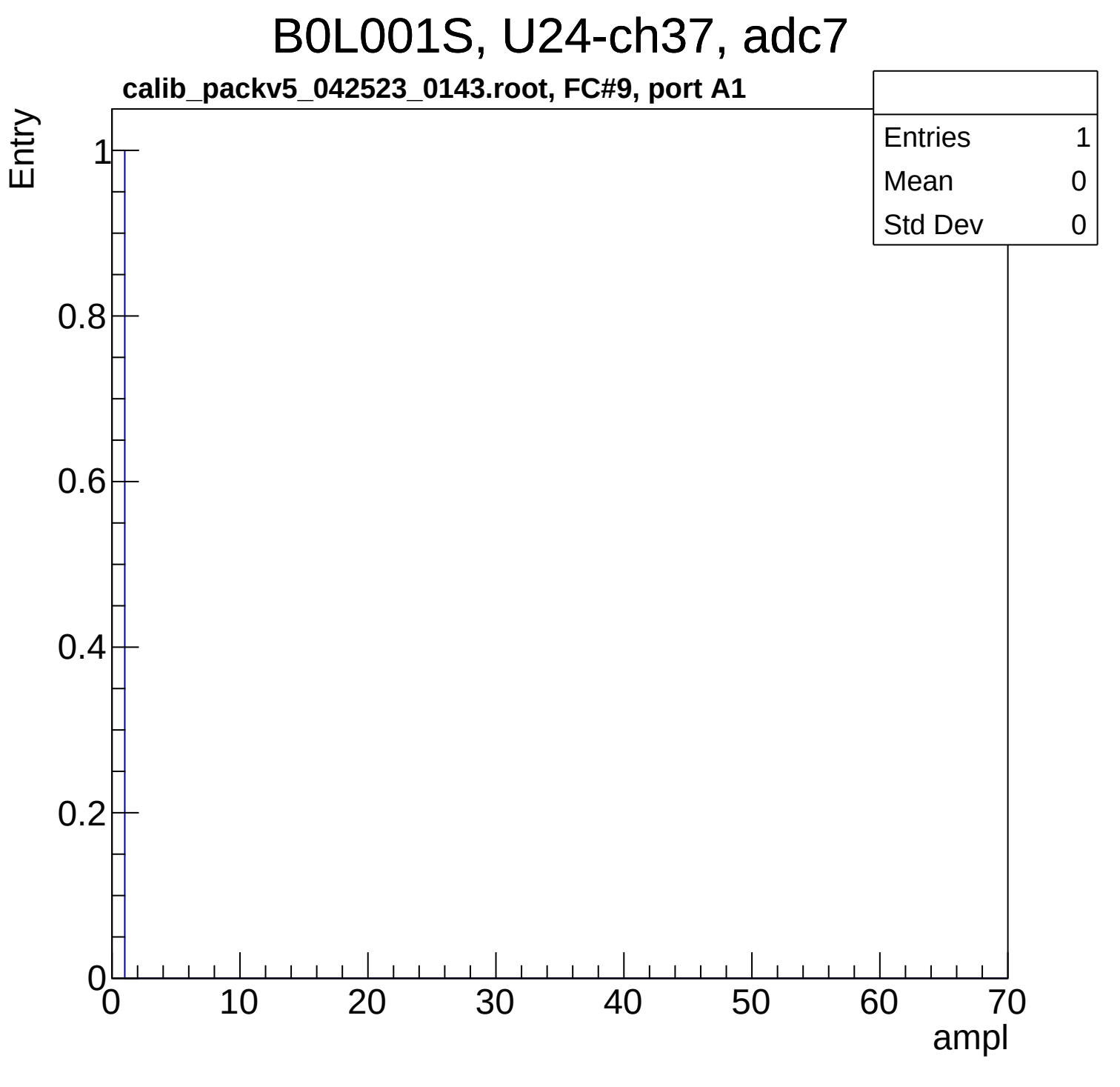
50
60
70
ampl


B0L001S, U24-ch37, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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10
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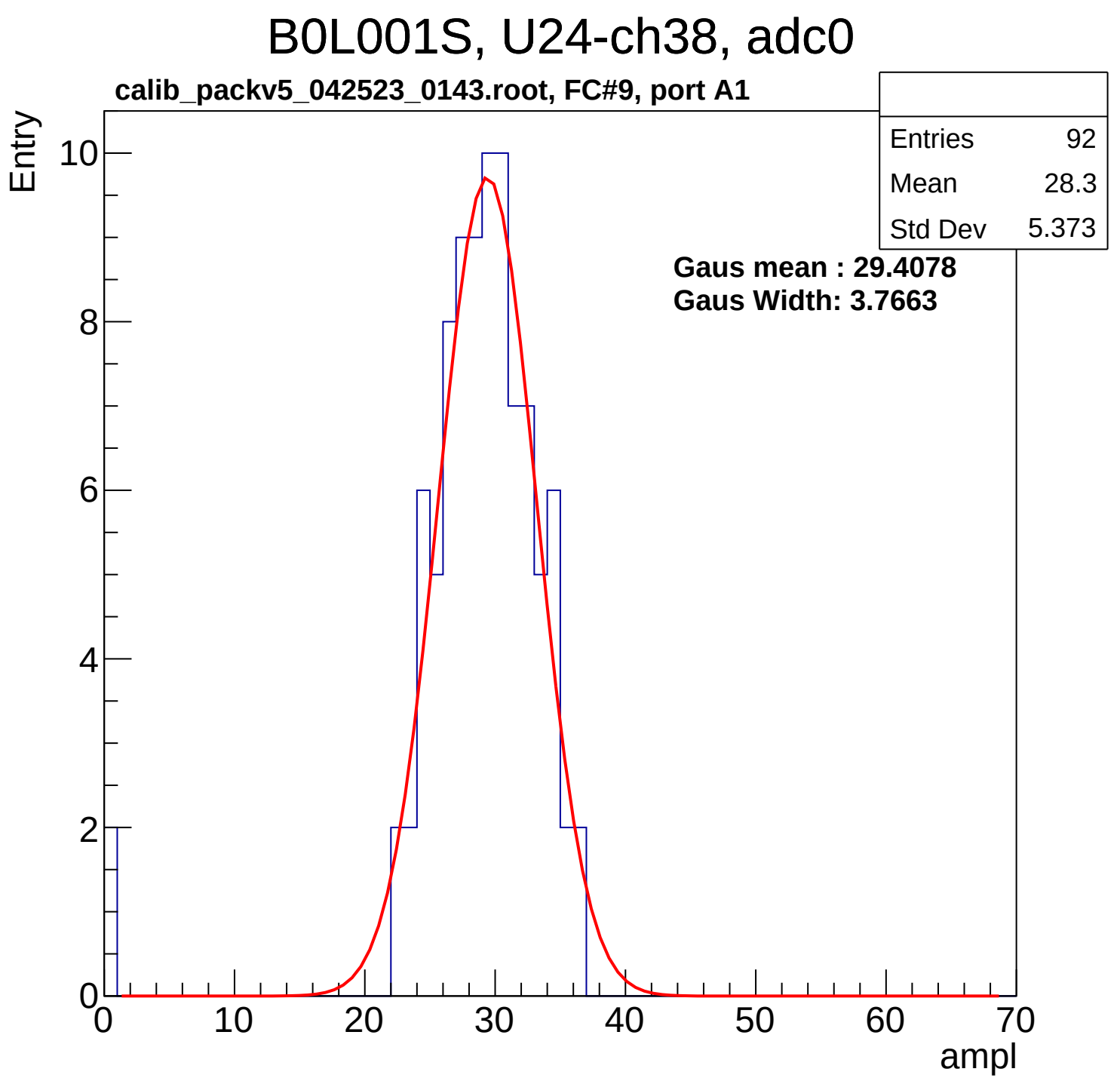
50
60
70
ampl


B0L001S, U24-ch38, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 92
Mean 28.3
Std Dev 5.373
Gaus mean : 29.4078
Gaus Width: 3.7663
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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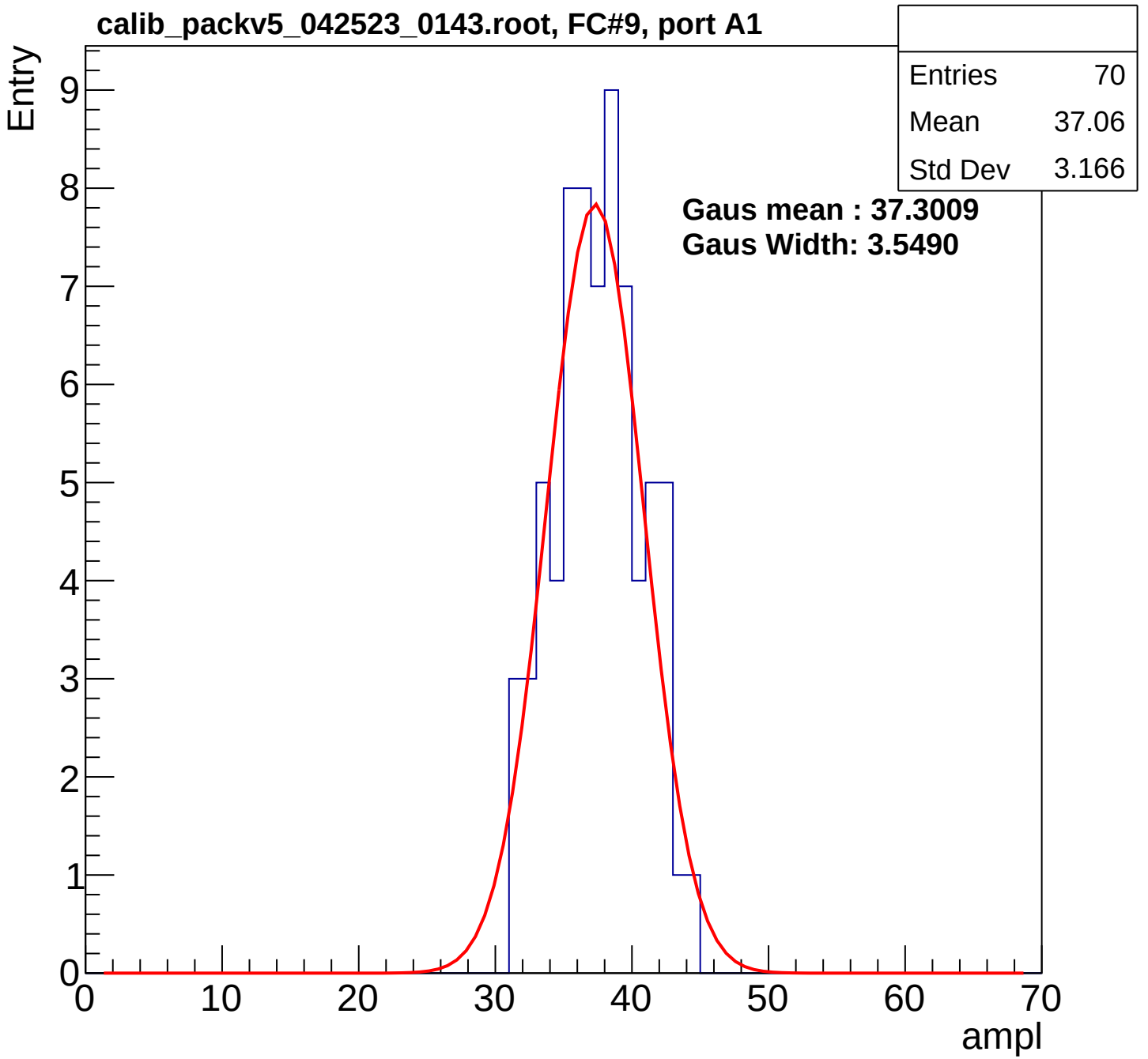
B0L001S, U24-ch38, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 37.06
Std Dev 3.166
Gaus mean : 37.3009
Gaus Width: 3.5490
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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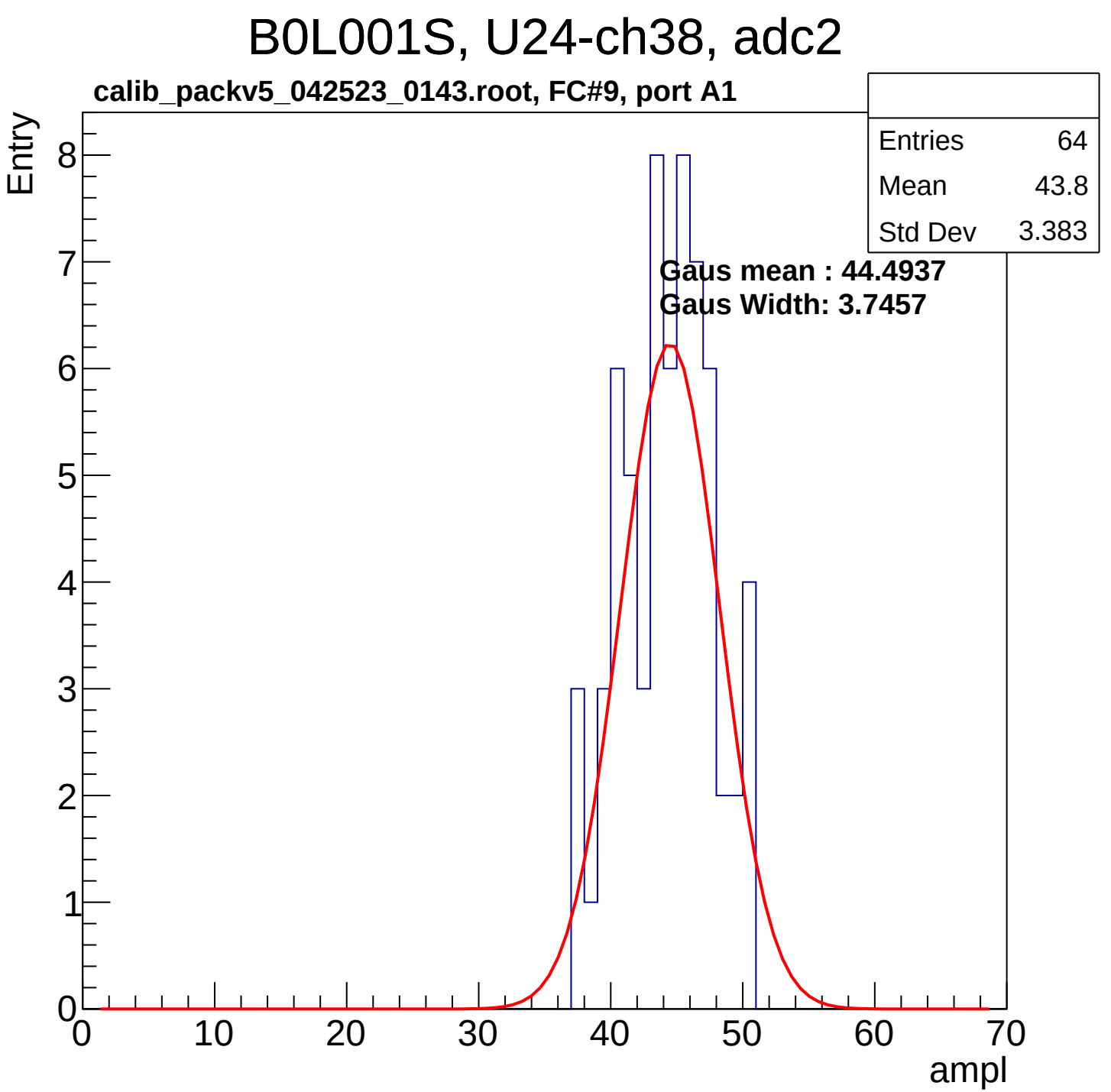
B0L001S, U24-ch38, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 43.8
Std Dev 3.383
Gaus mean : 44.4937
Gaus Width: 3.7457
Entry
ampl
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2
3
4
5
6
7
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0
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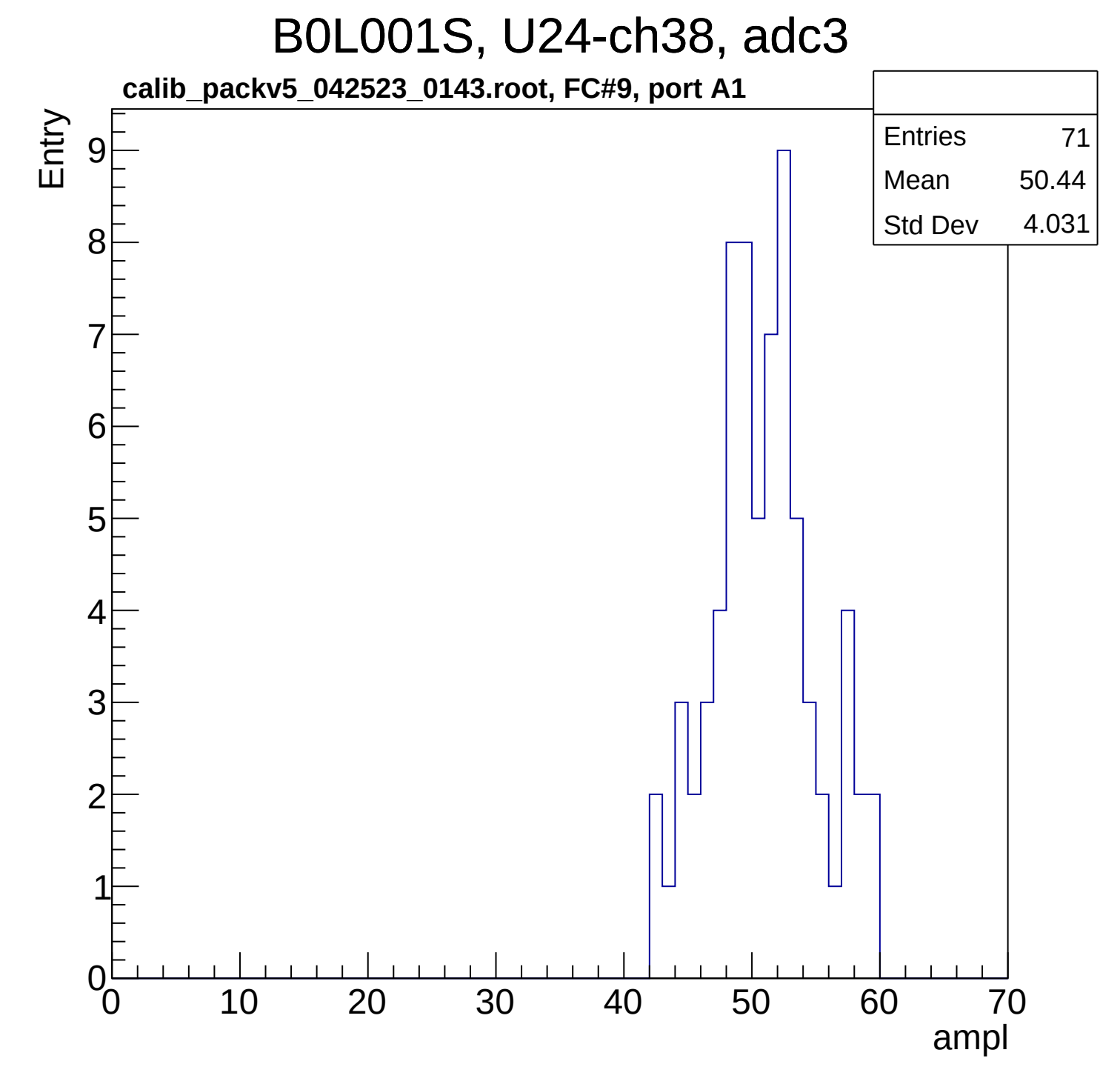
B0L001S, U24-ch38, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 50.44
Std Dev 4.031
Entry
ampl
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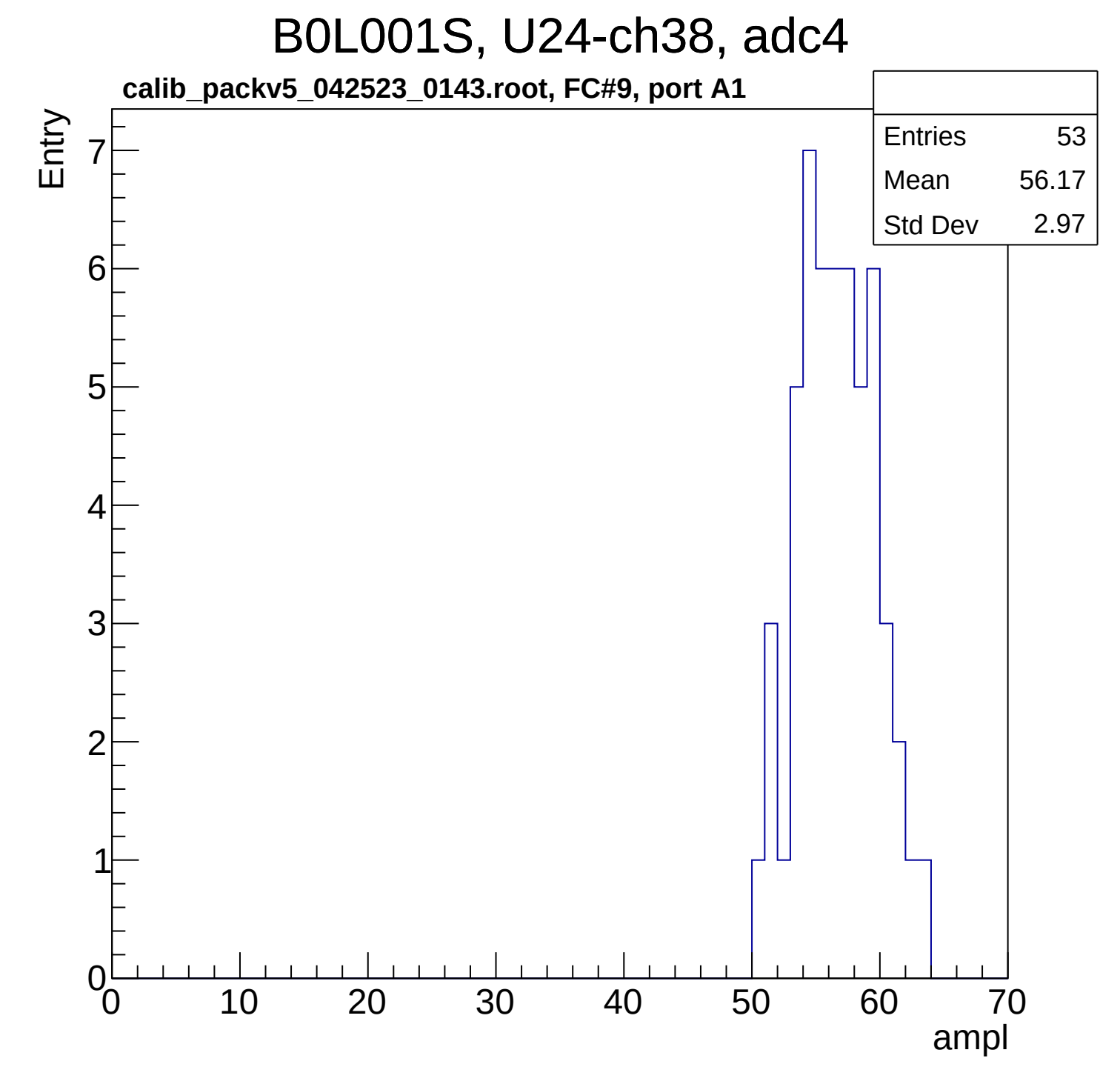
B0L001S, U24-ch38, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 56.17
Std Dev 2.97
Entry
ampl
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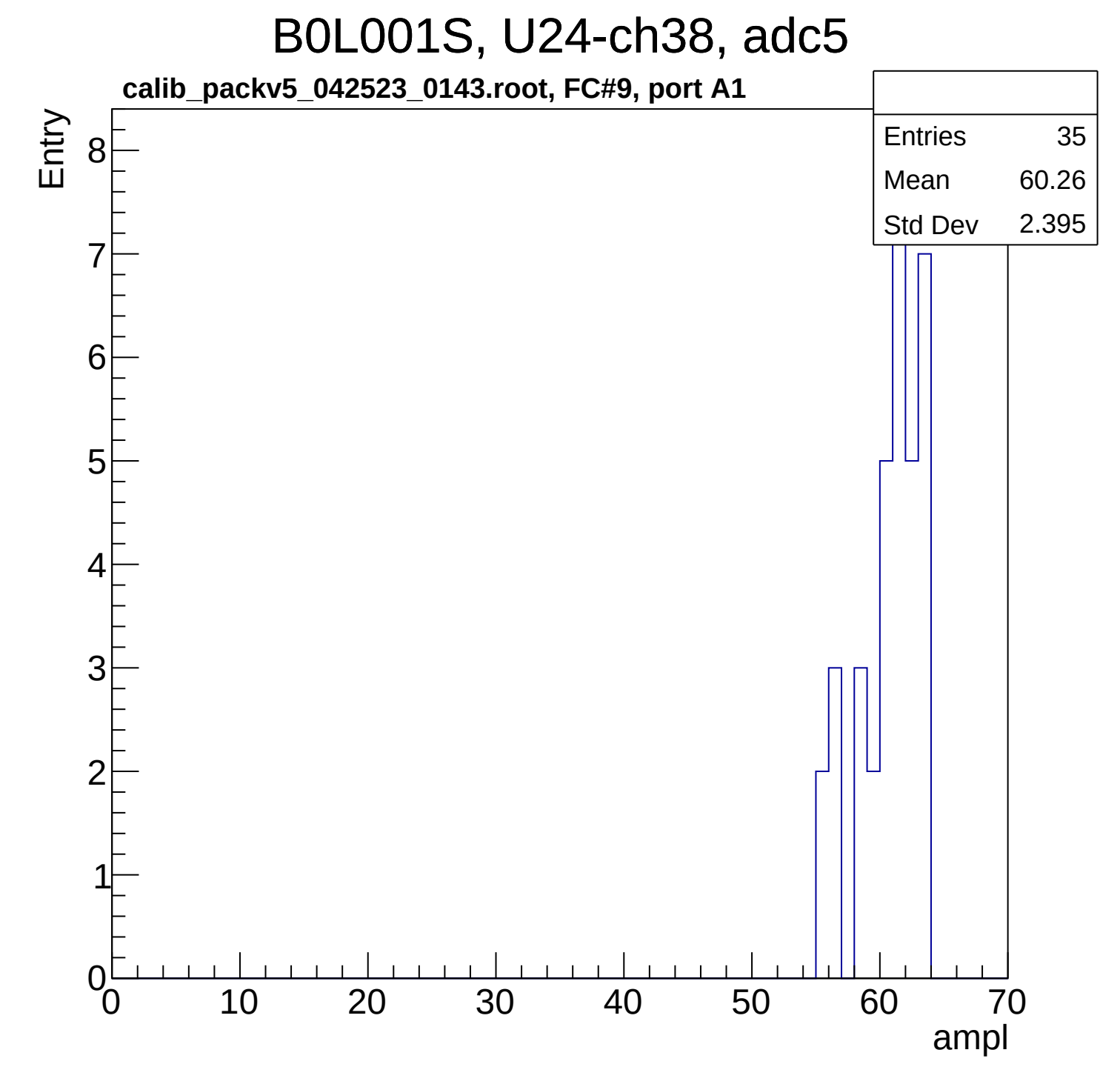
B0L001S, U24-ch38, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 60.26
Std Dev 2.395
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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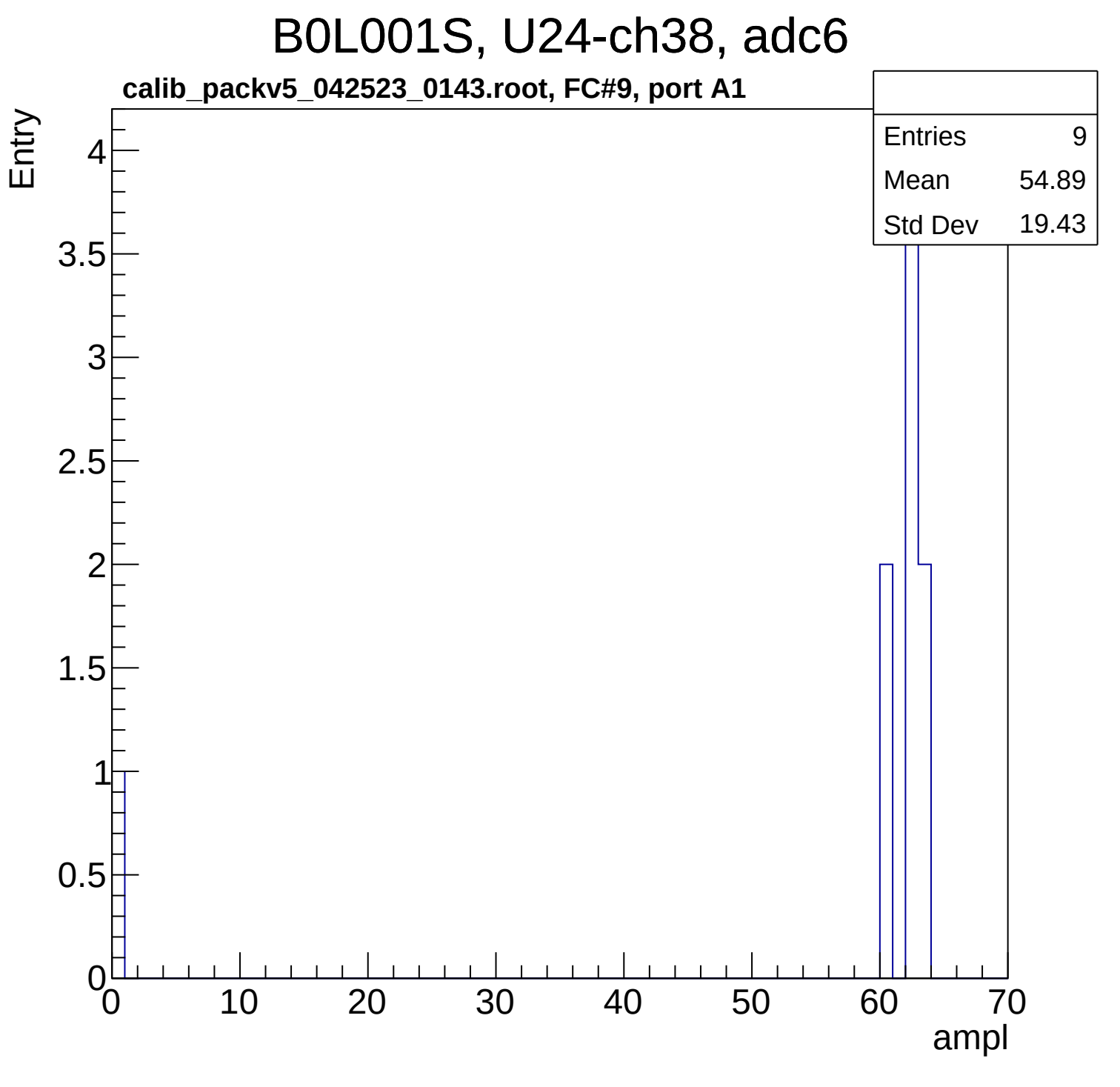
B0L001S, U24-ch38, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 9
Mean 54.89
Std Dev 19.43
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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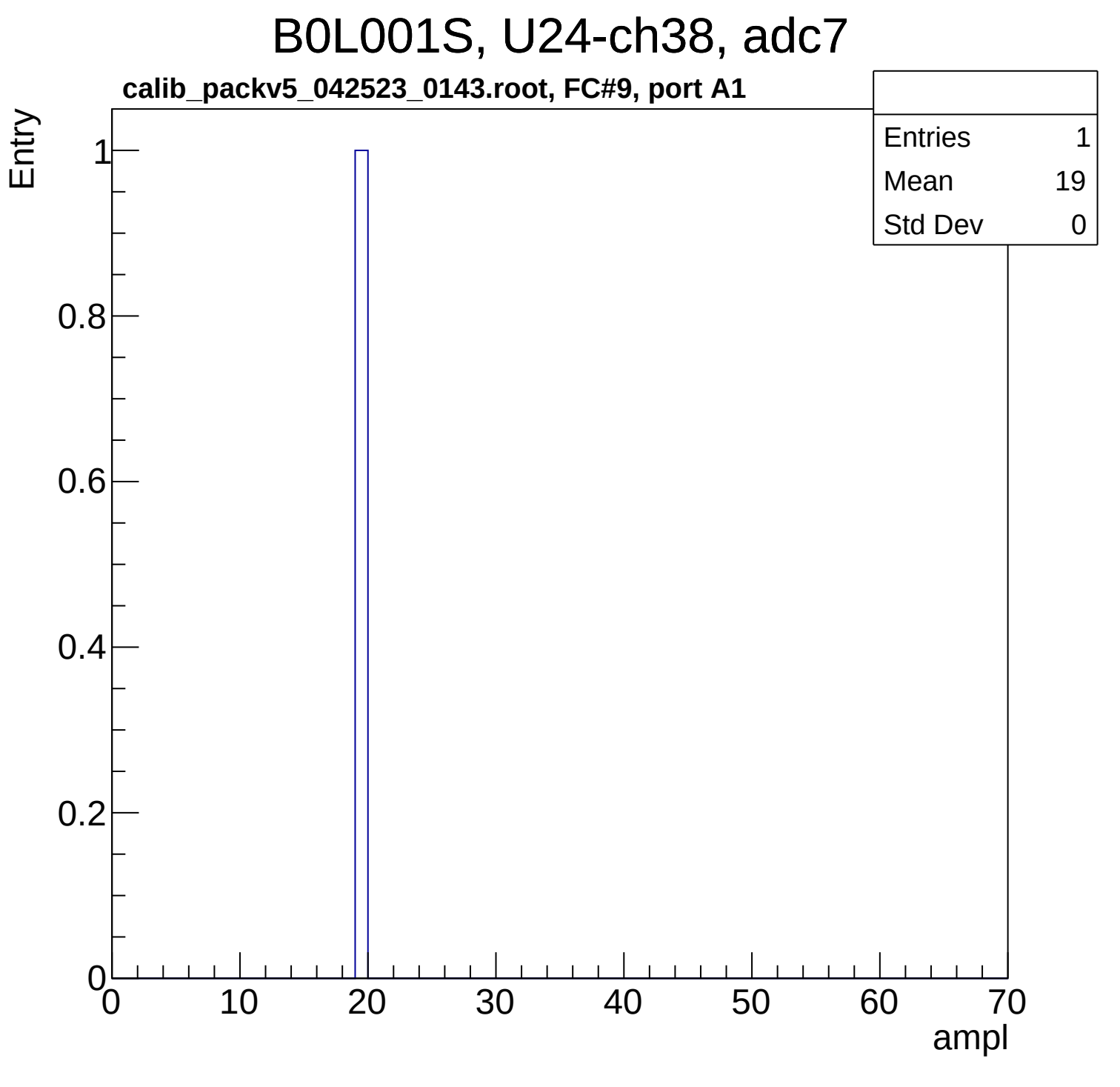
B0L001S, U24-ch38, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 19
Std Dev 0
Entry
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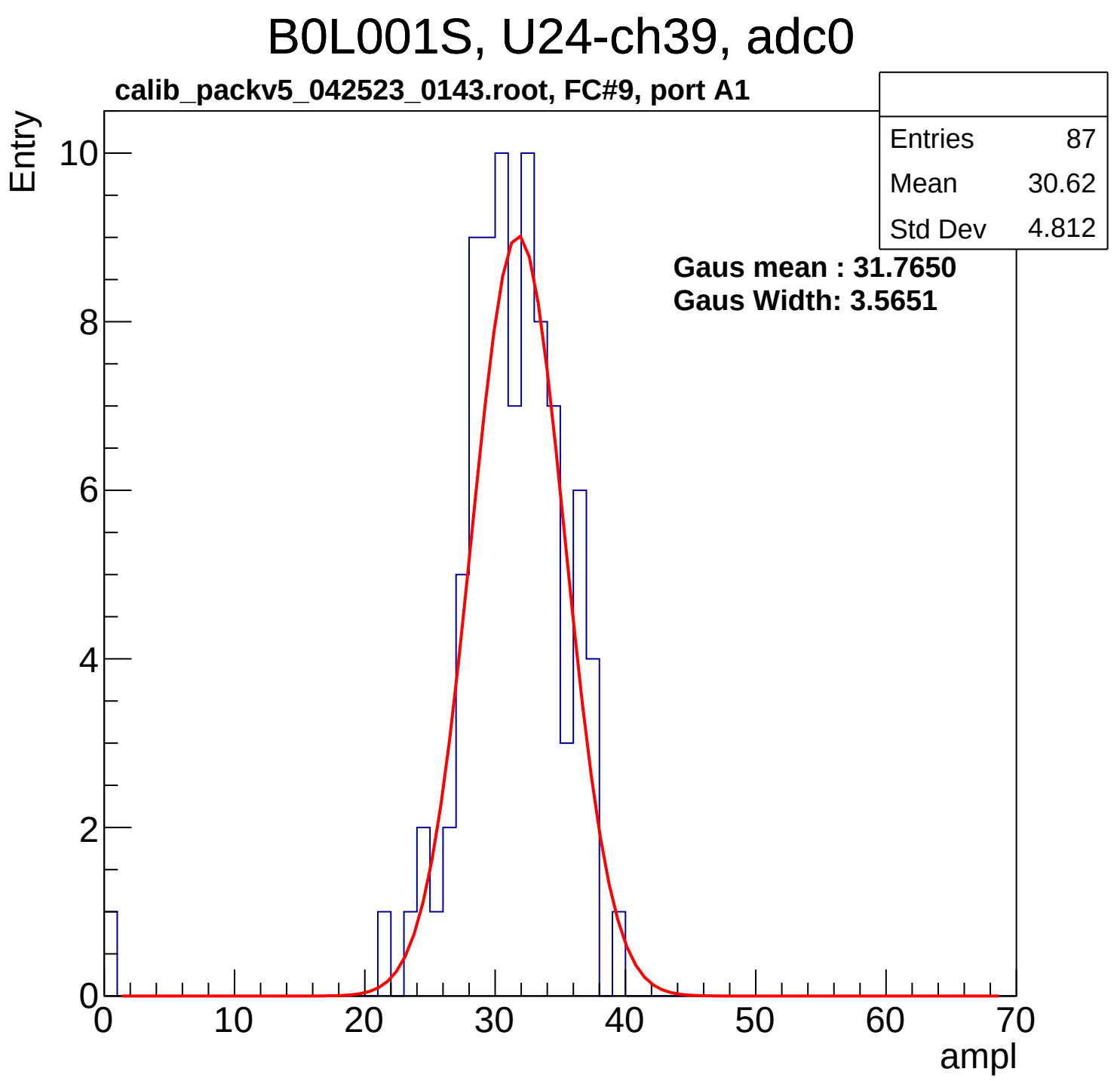
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch39, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 87
Mean 30.62
Std Dev 4.812
Gaus mean : 31.7650
Gaus Width: 3.5651
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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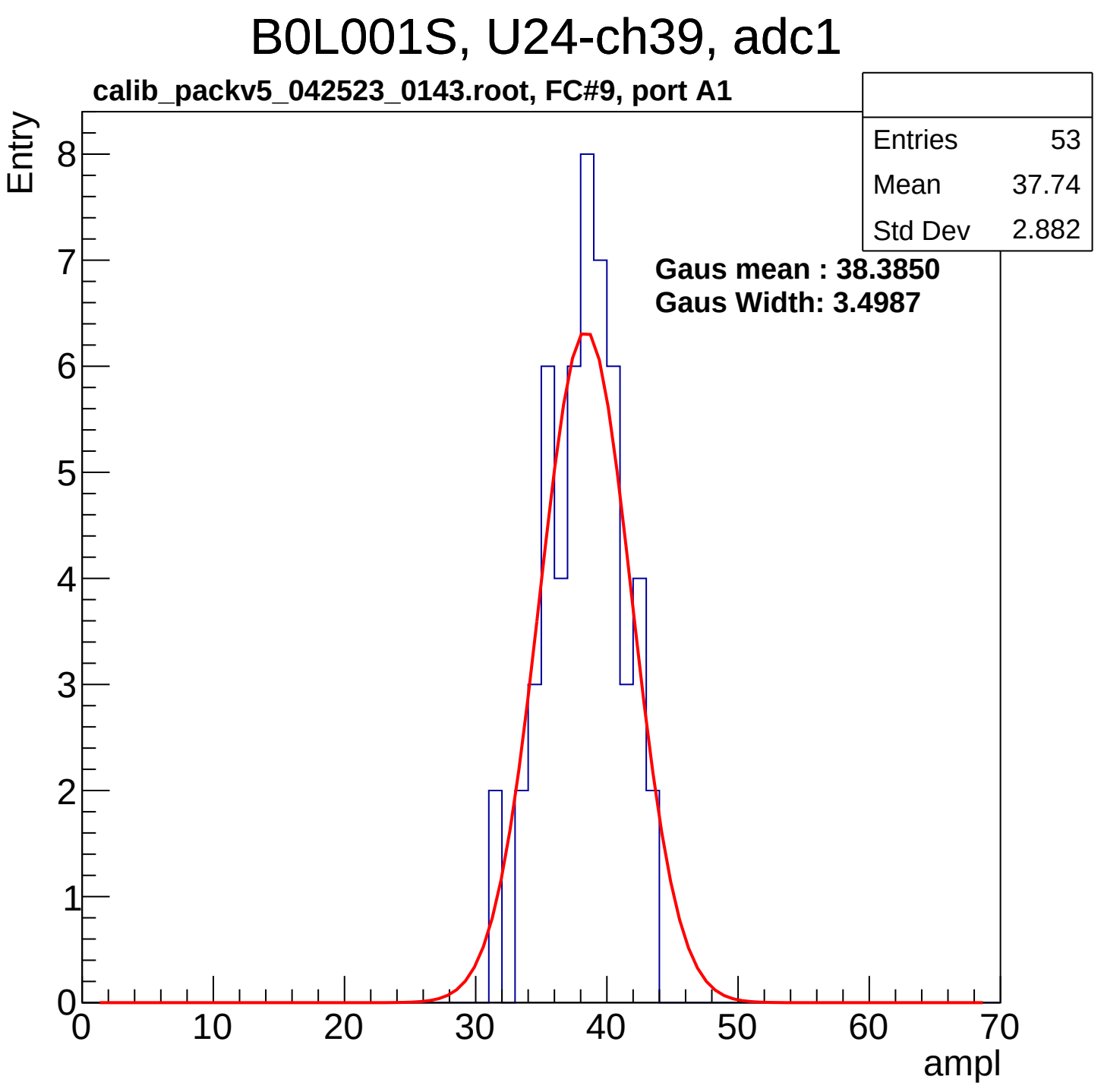
B0L001S, U24-ch39, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 37.74
Std Dev 2.882
Gaus mean : 38.3850
Gaus Width: 3.4987
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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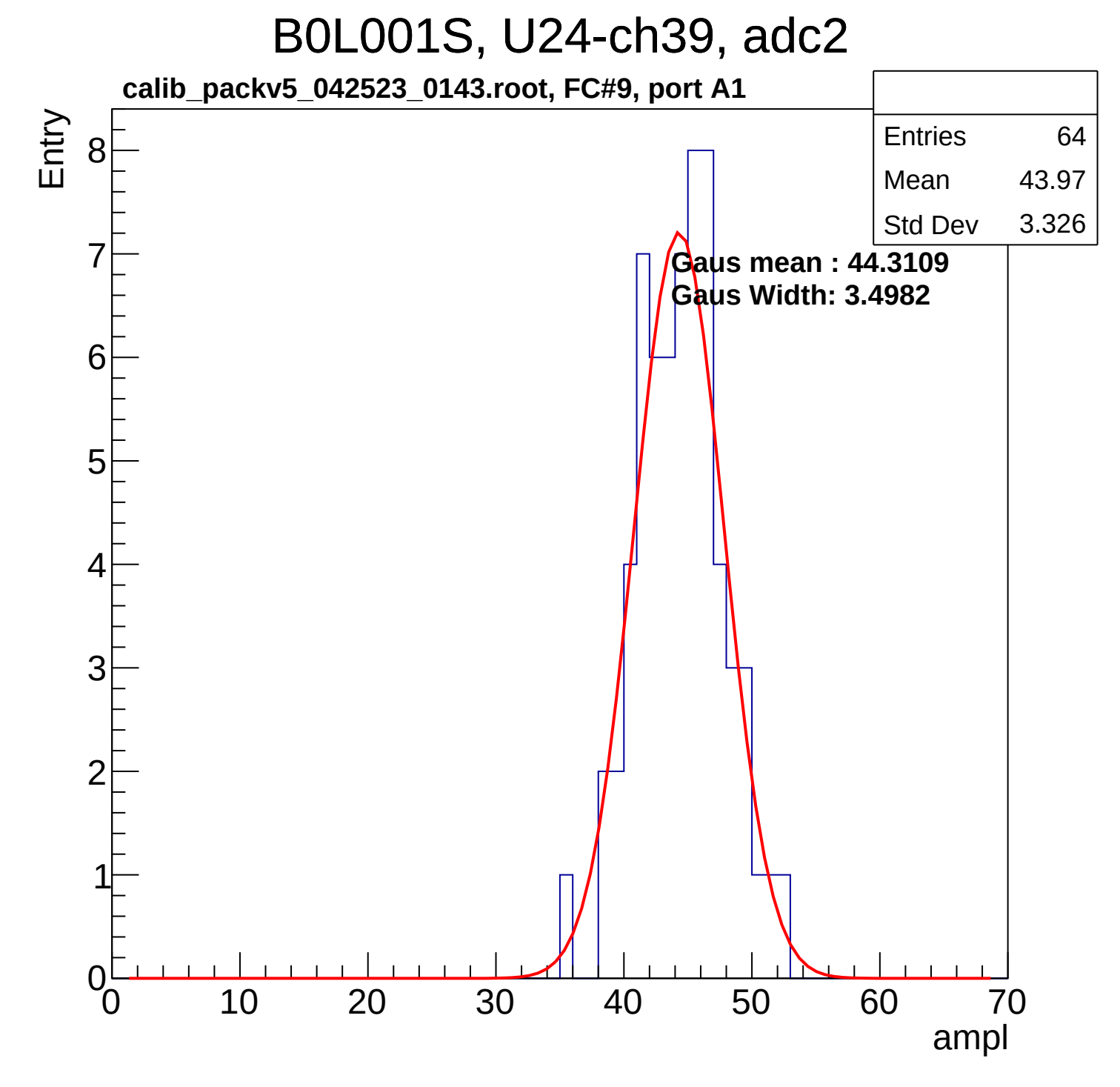
B0L001S, U24-ch39, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 43.97
Std Dev 3.326
Gaus mean : 44.3109
Gaus Width: 3.4982
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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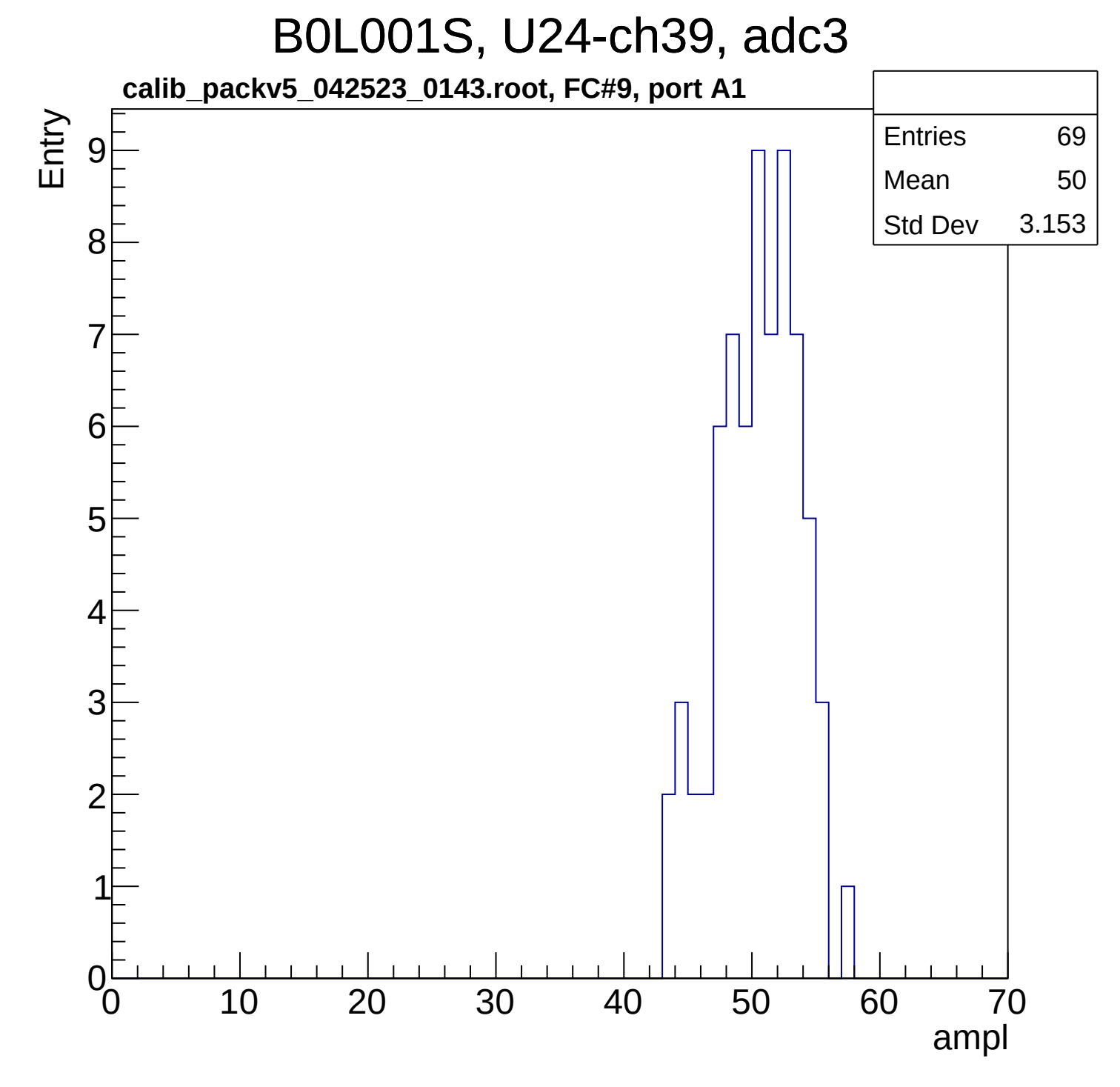
B0L001S, U24-ch39, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 50
Std Dev 3.153
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
50
60
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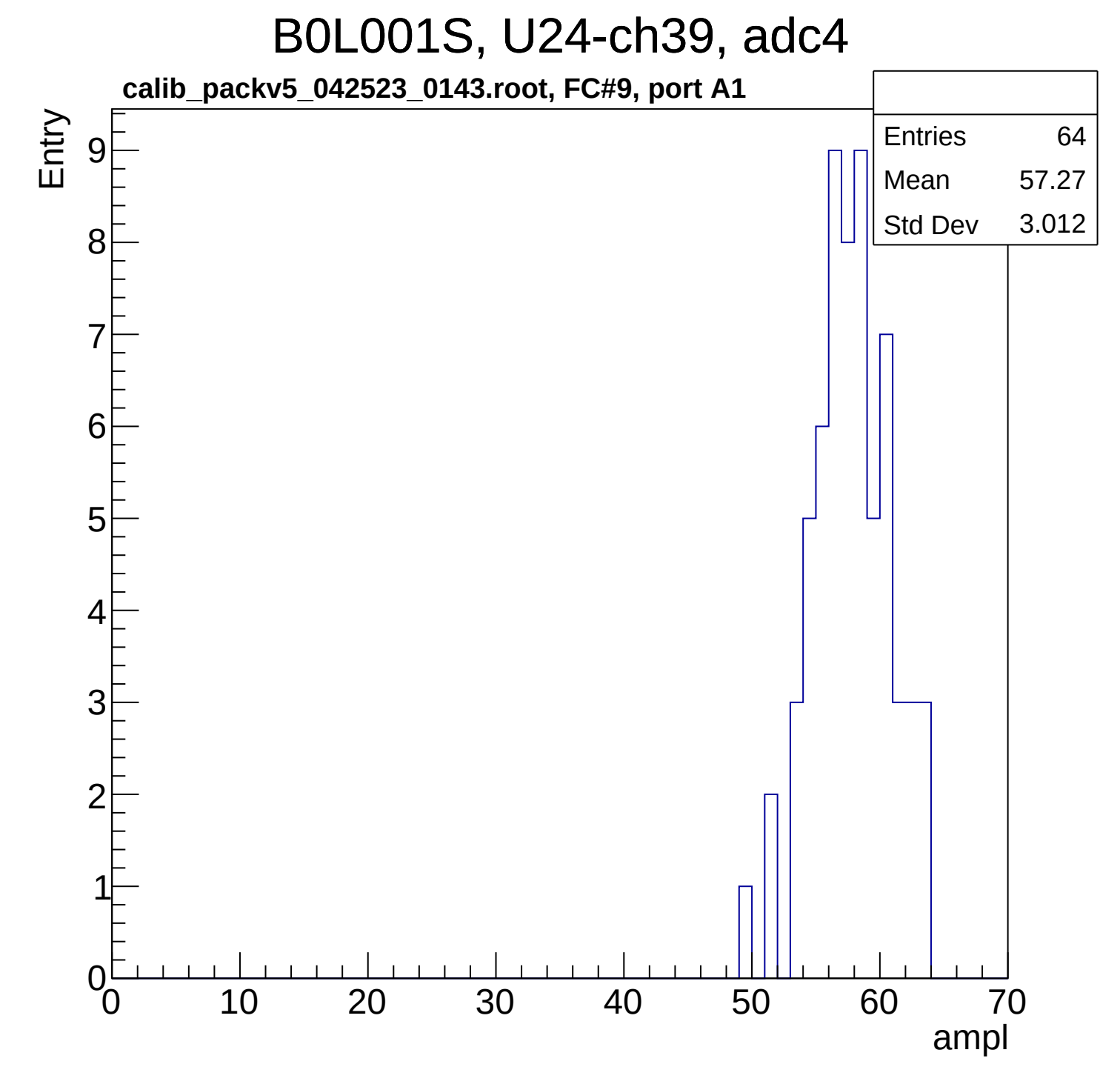
B0L001S, U24-ch39, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 57.27
Std Dev 3.012
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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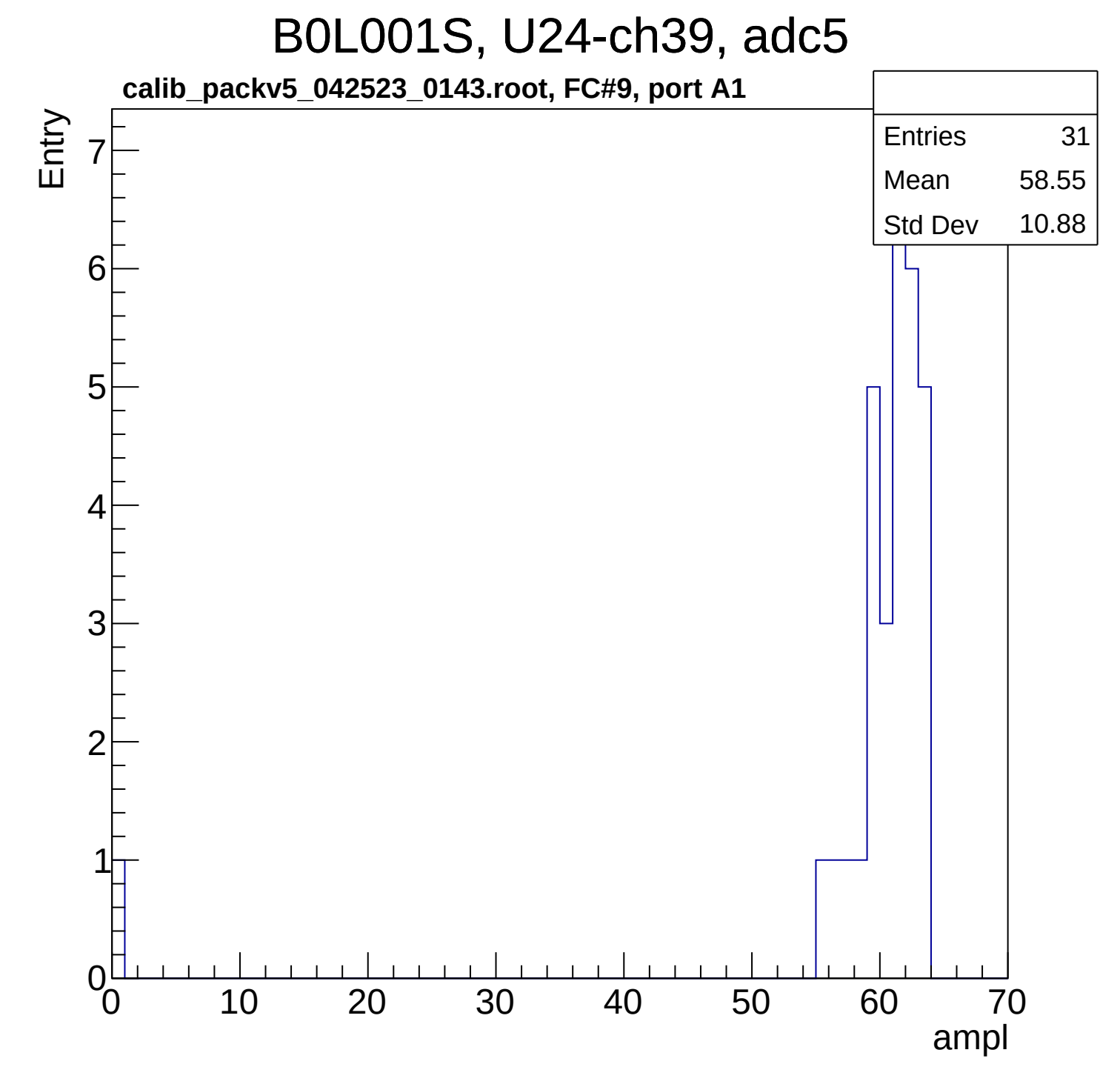
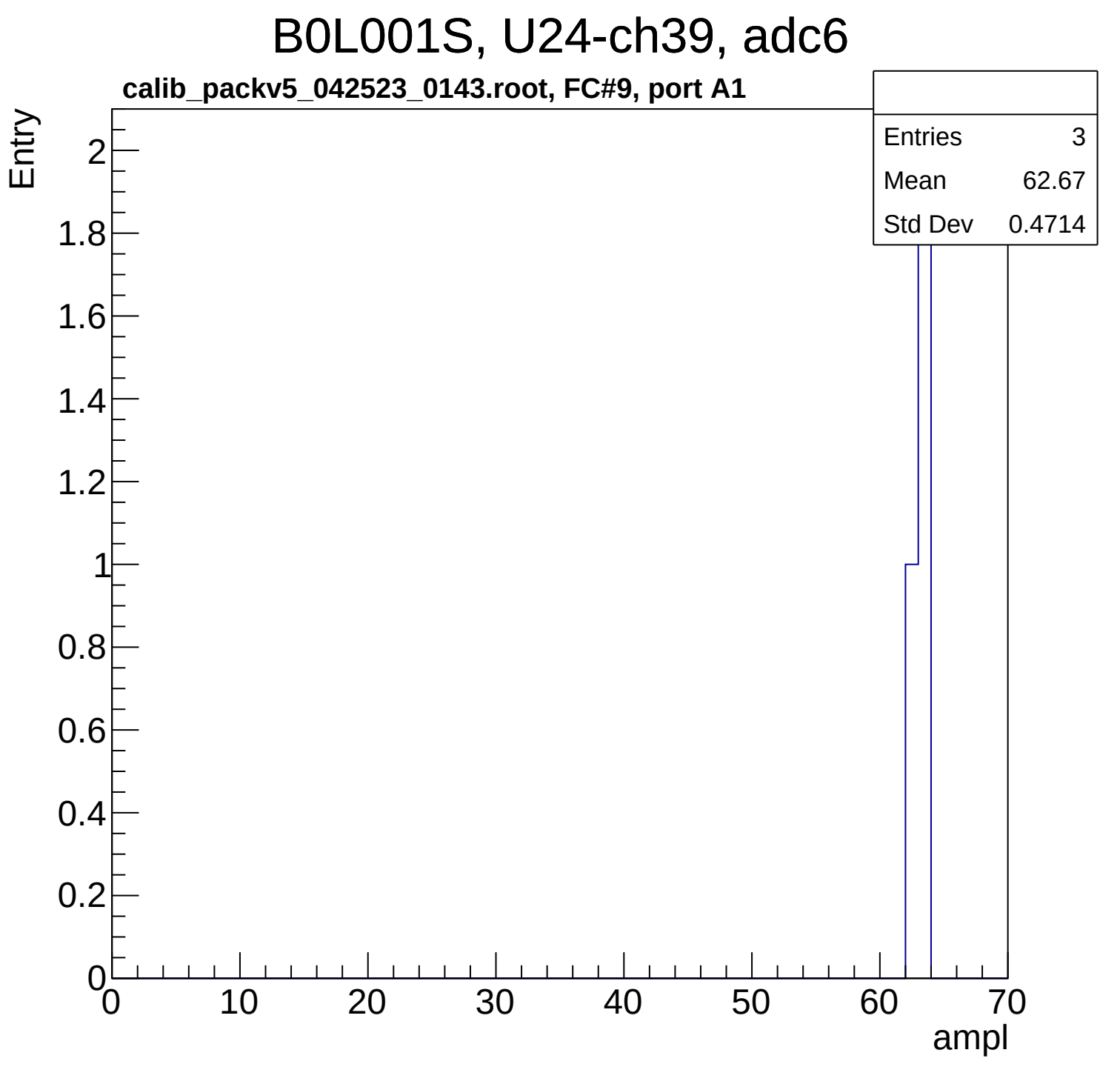
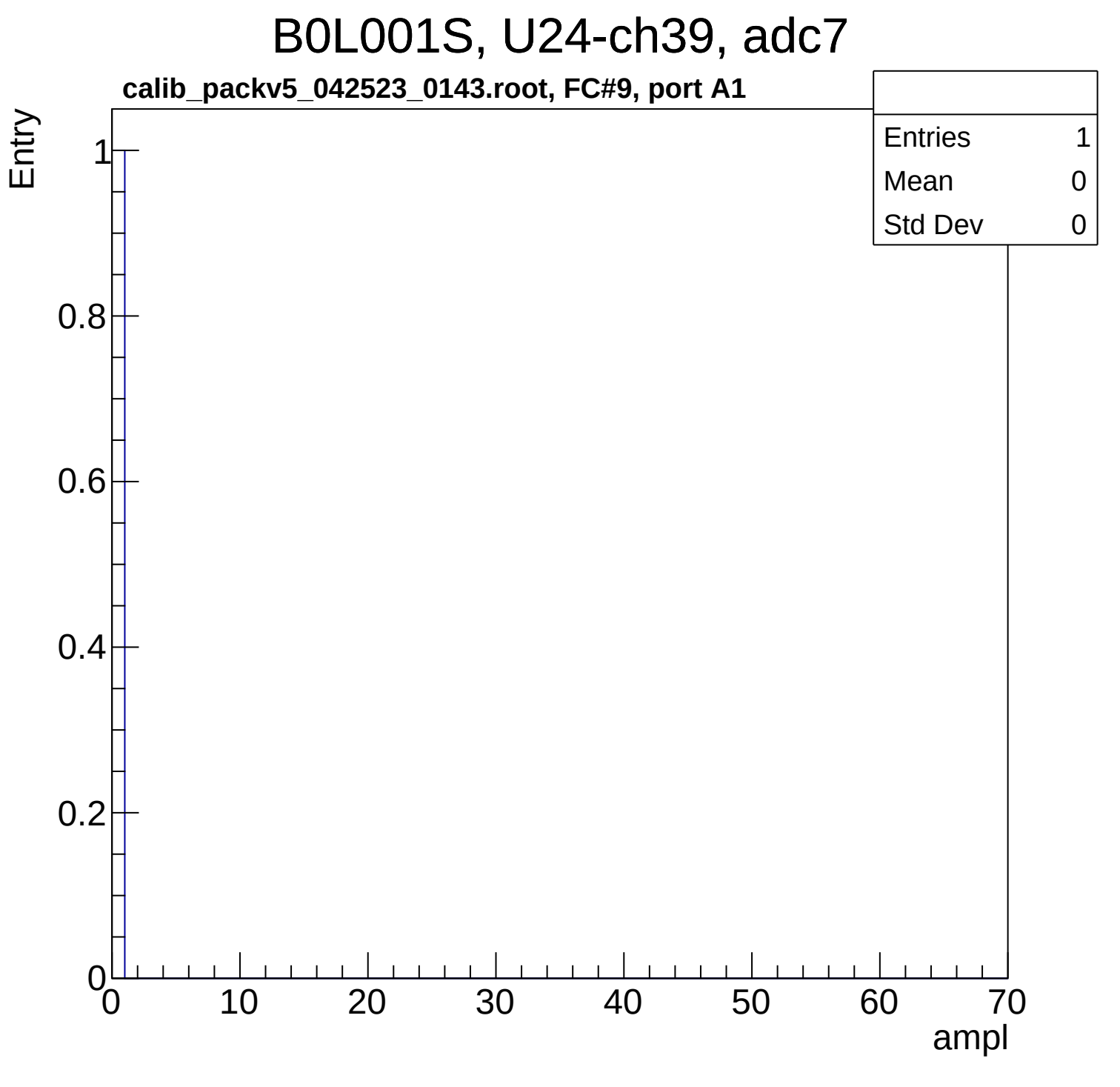
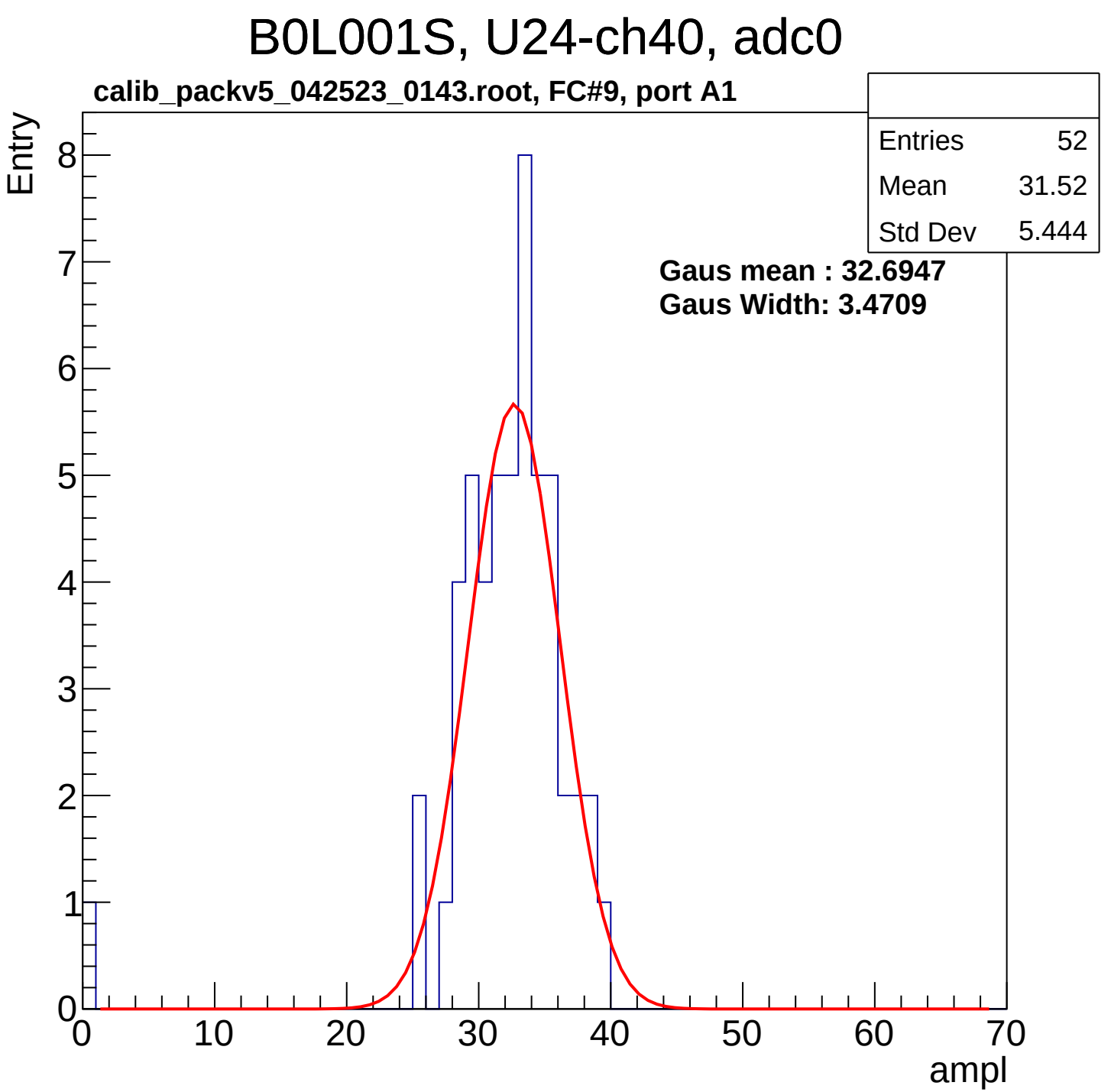
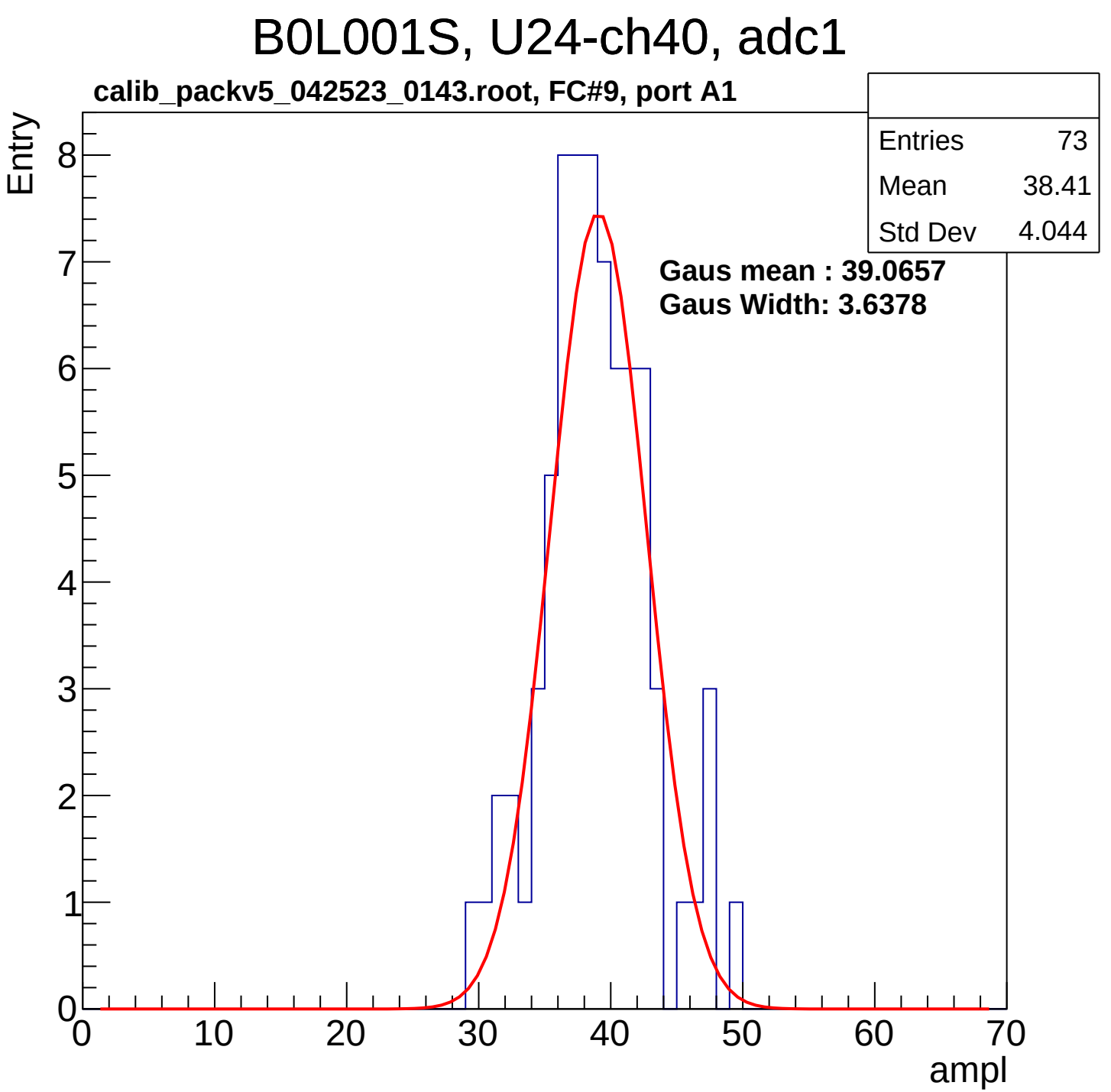

B0L001S, U24-ch39, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 58.55
Std Dev 10.88
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch39, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch39, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch40, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 31.52
Std Dev 5.444
Gaus mean : 32.6947
Gaus Width: 3.4709
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch40, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 38.41
Std Dev 4.044
Gaus mean : 39.0657
Gaus Width: 3.6378
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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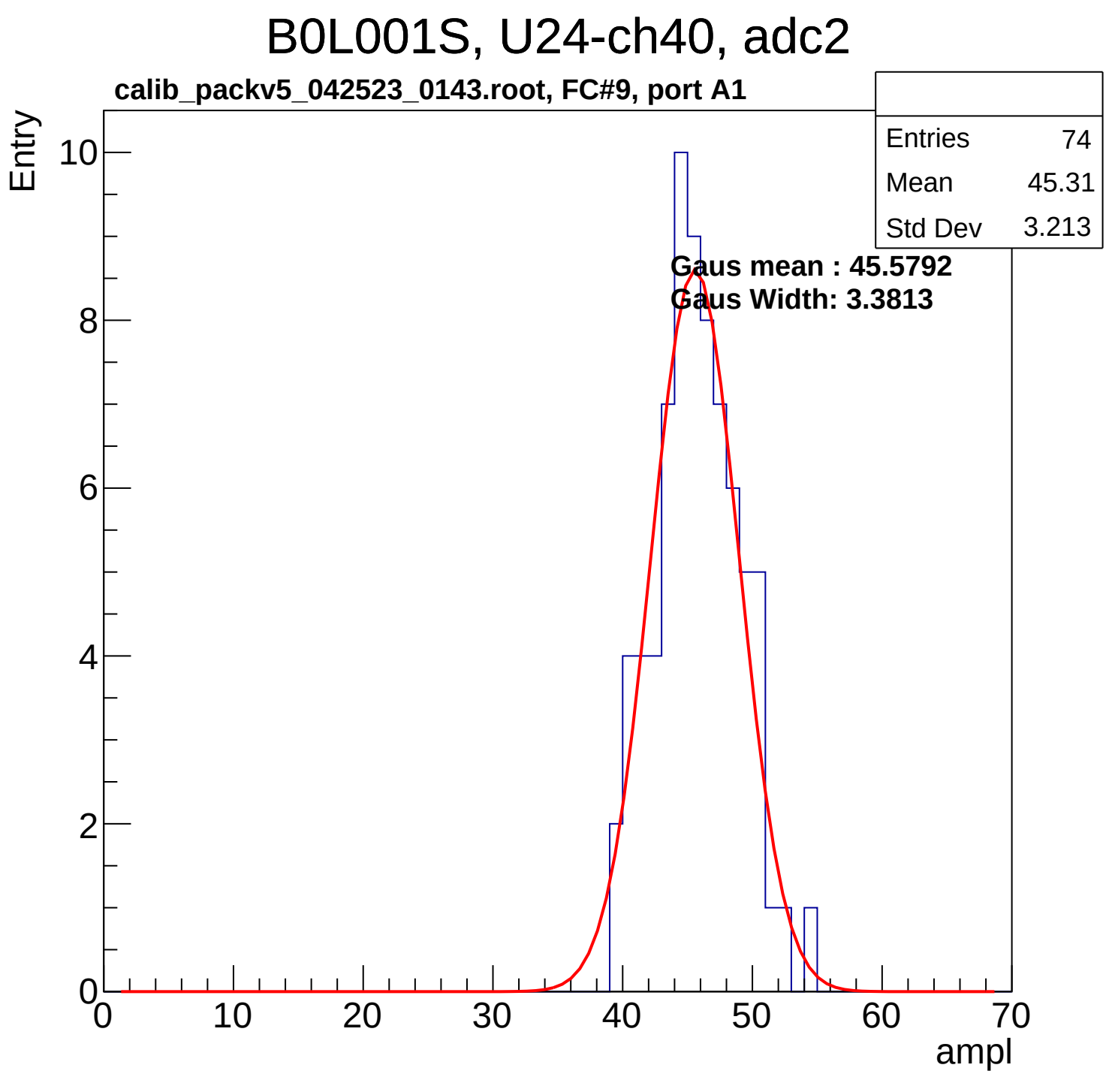
B0L001S, U24-ch40, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 45.31
Std Dev 3.213
Gaus mean : 45.5792
Gaus Width: 3.3813
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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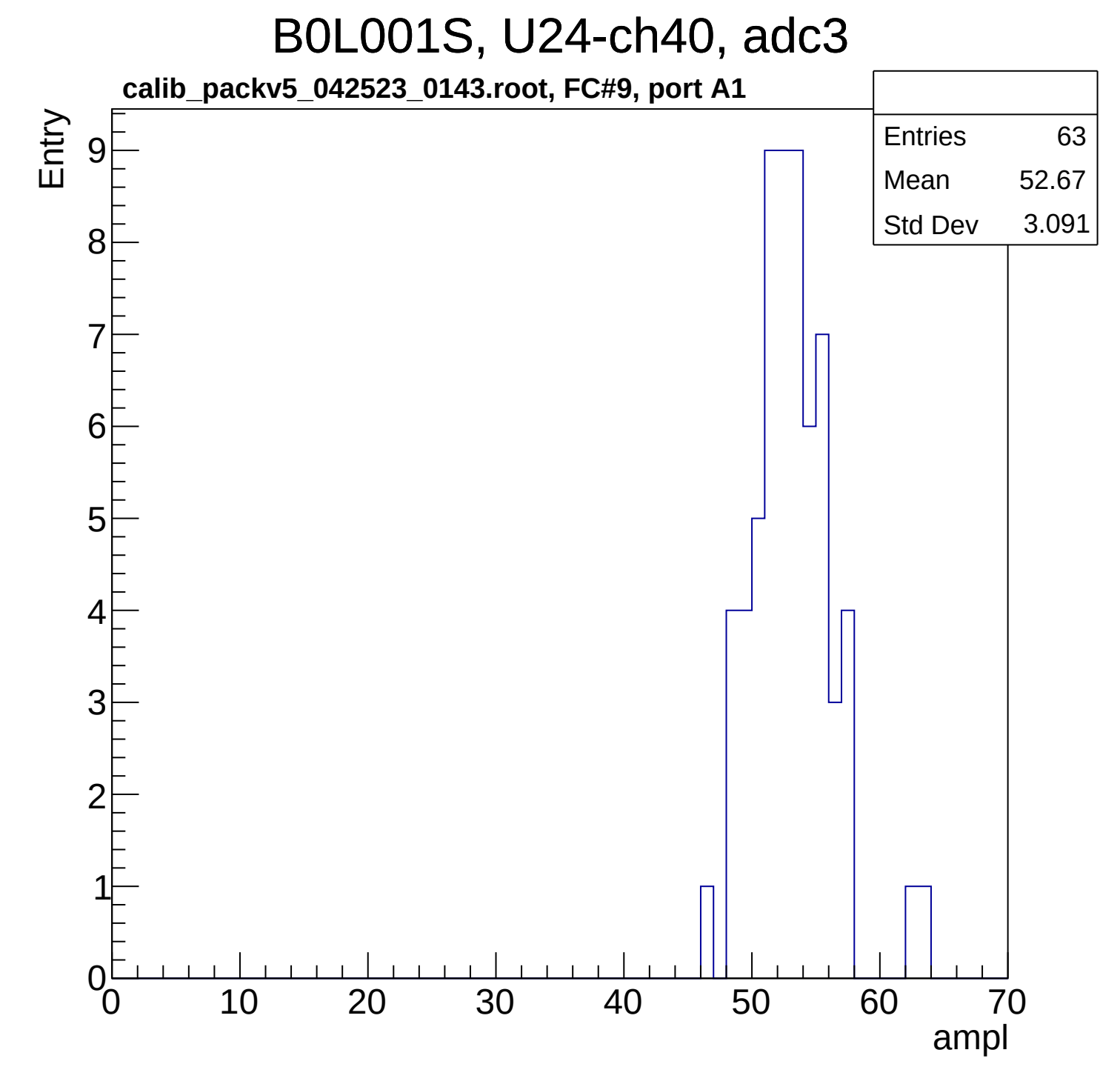
B0L001S, U24-ch40, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 52.67
Std Dev 3.091
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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60
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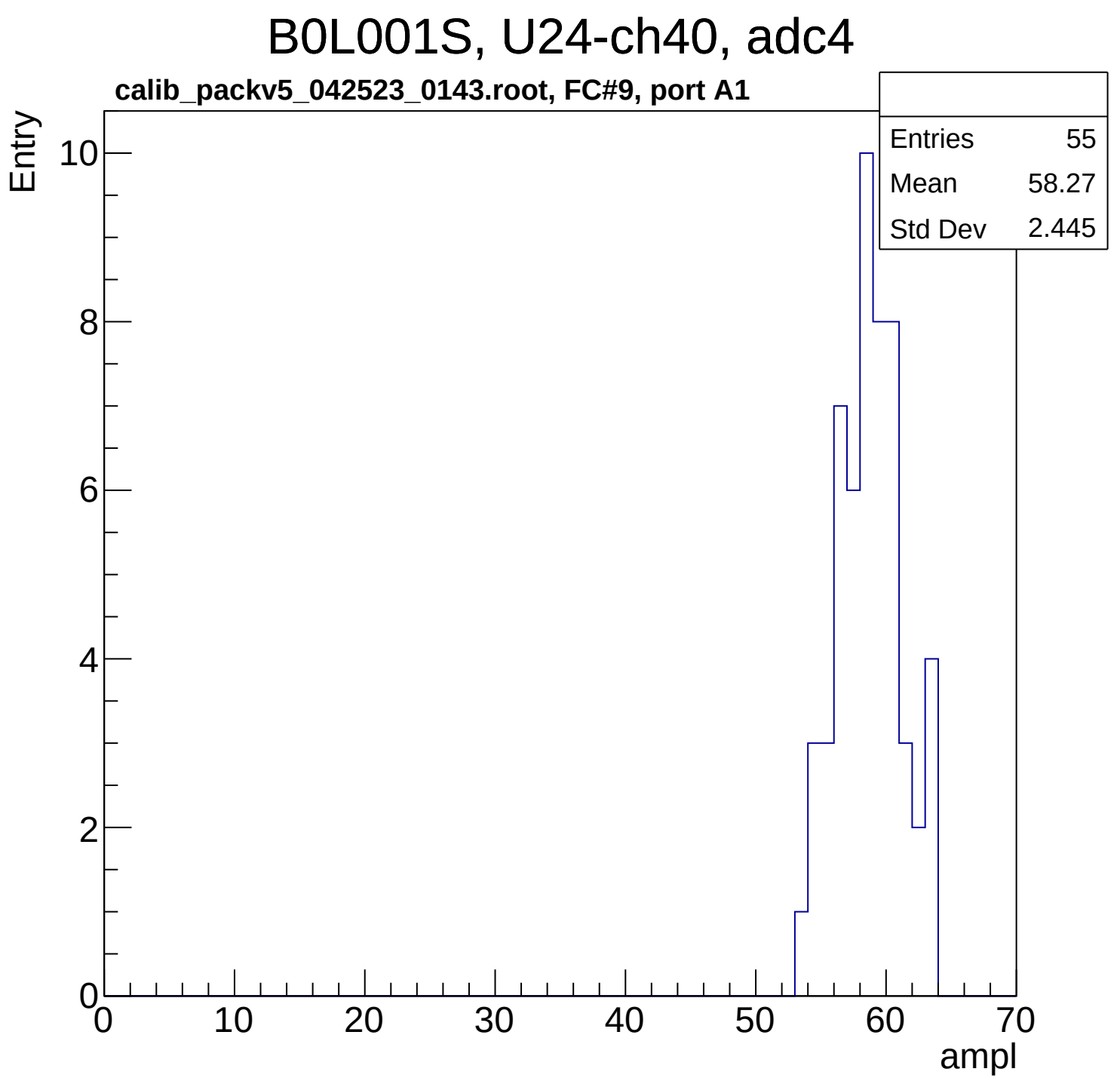
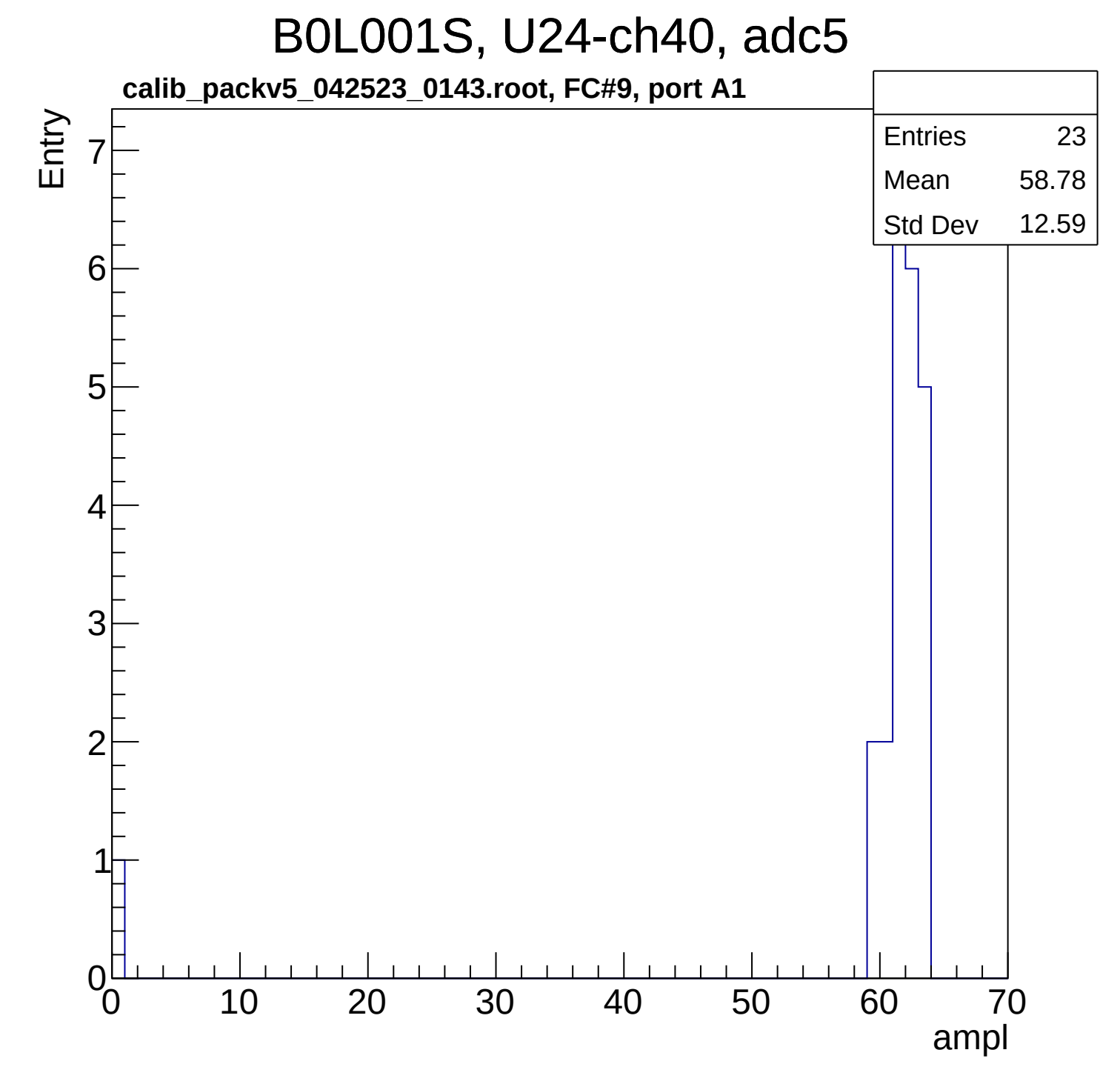

B0L001S, U24-ch40, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 58.27
Std Dev 2.445
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch40, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 23
Mean 58.78
Std Dev 12.59
Entry
ampl
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2
3
4
5
6
7
0
10
20
30
40
50
60
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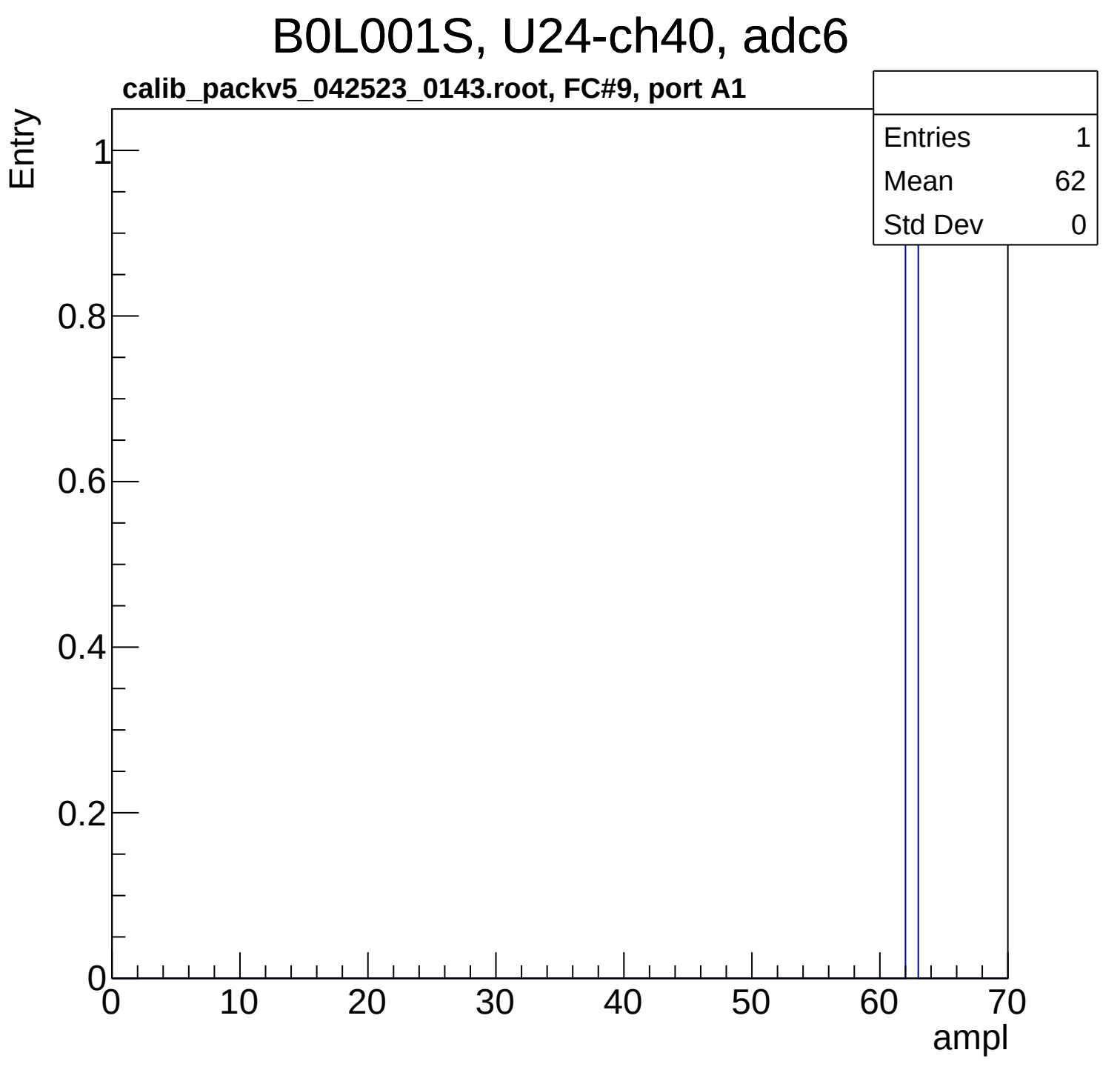
B0L001S, U24-ch40, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
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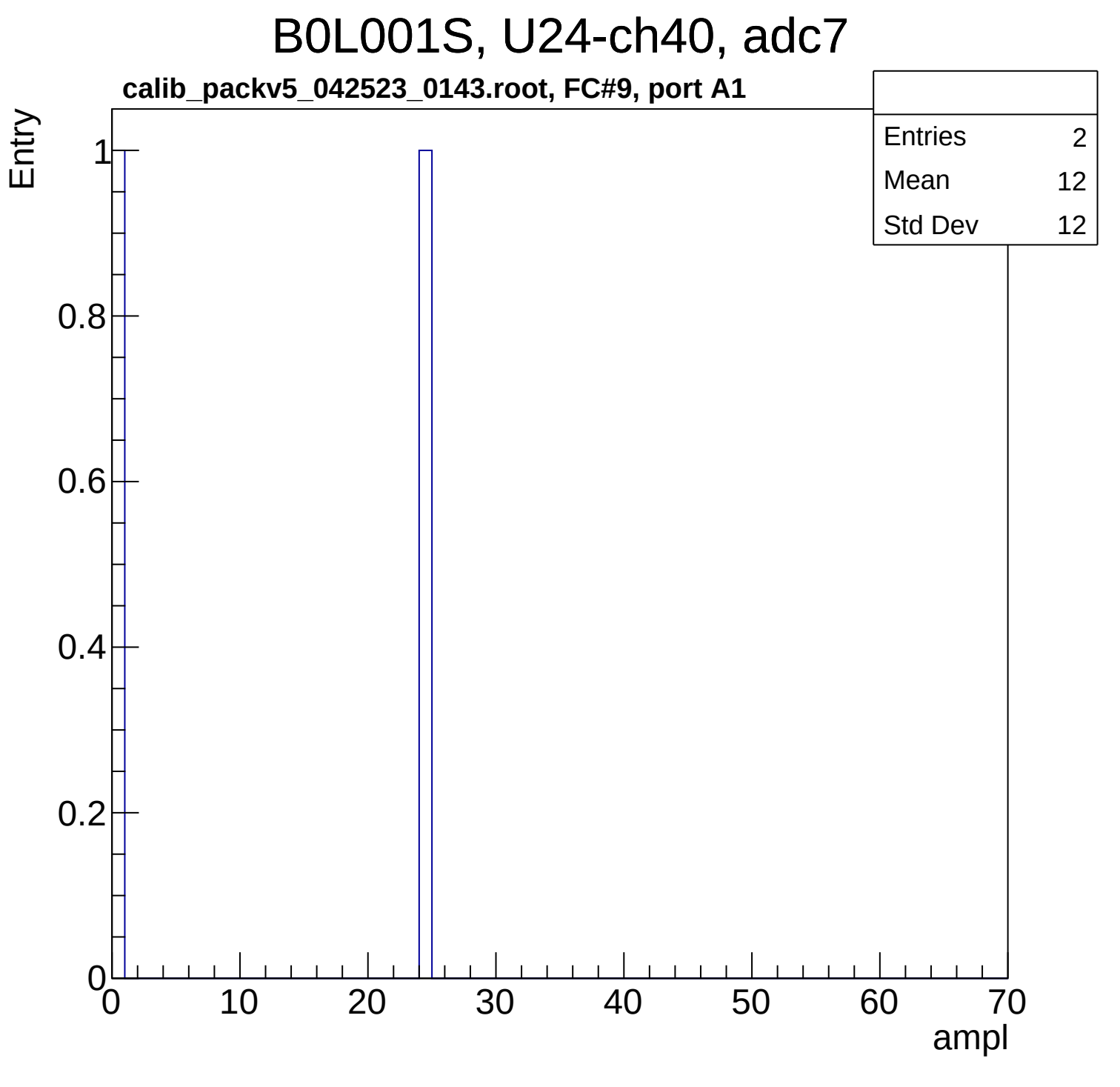
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch40, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 12
Std Dev 12
Entry
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0.6
0.4
0.2
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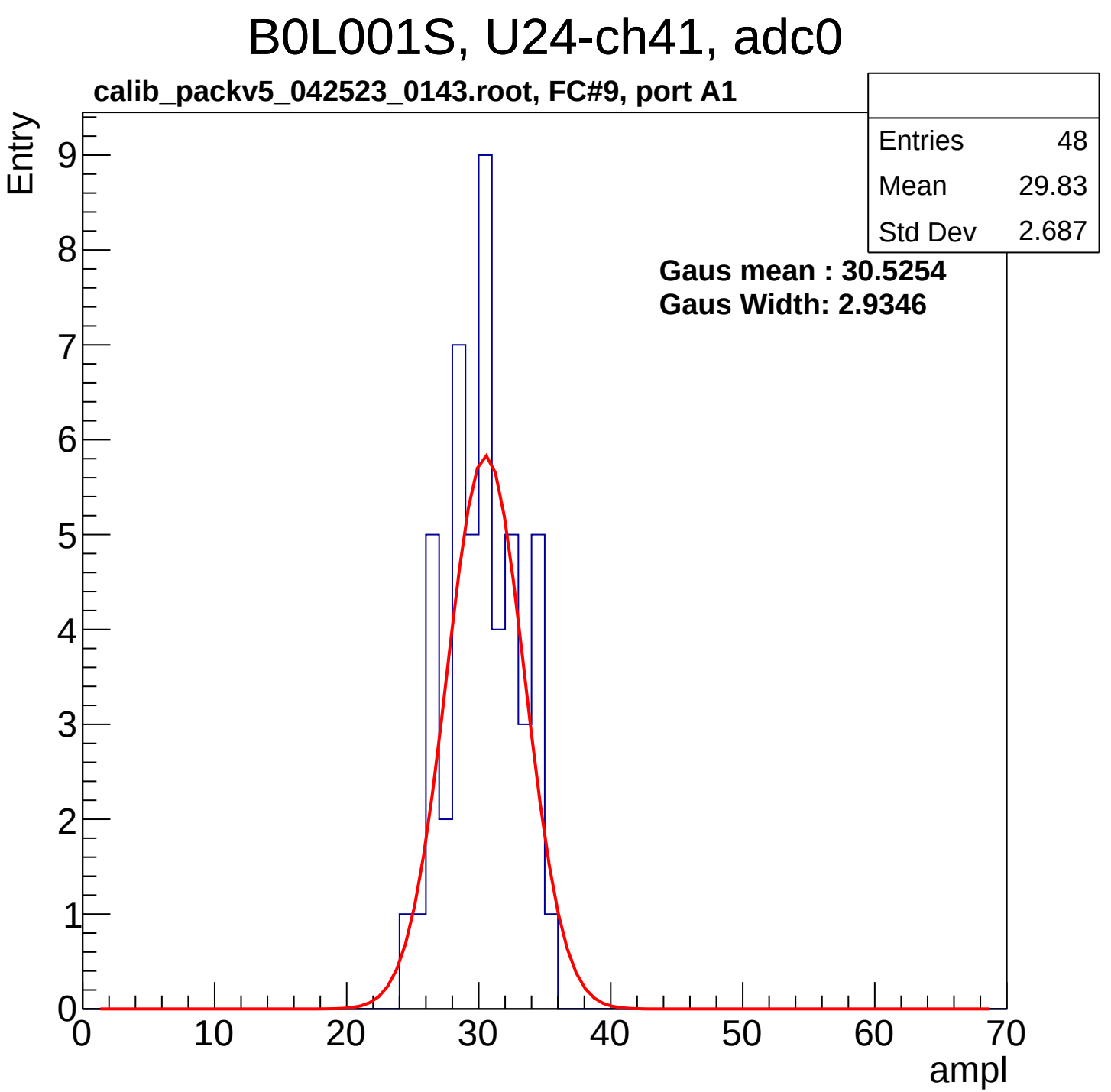
50
60
70
ampl


B0L001S, U24-ch41, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 29.83
Std Dev 2.687
Gaus mean : 30.5254
Gaus Width: 2.9346
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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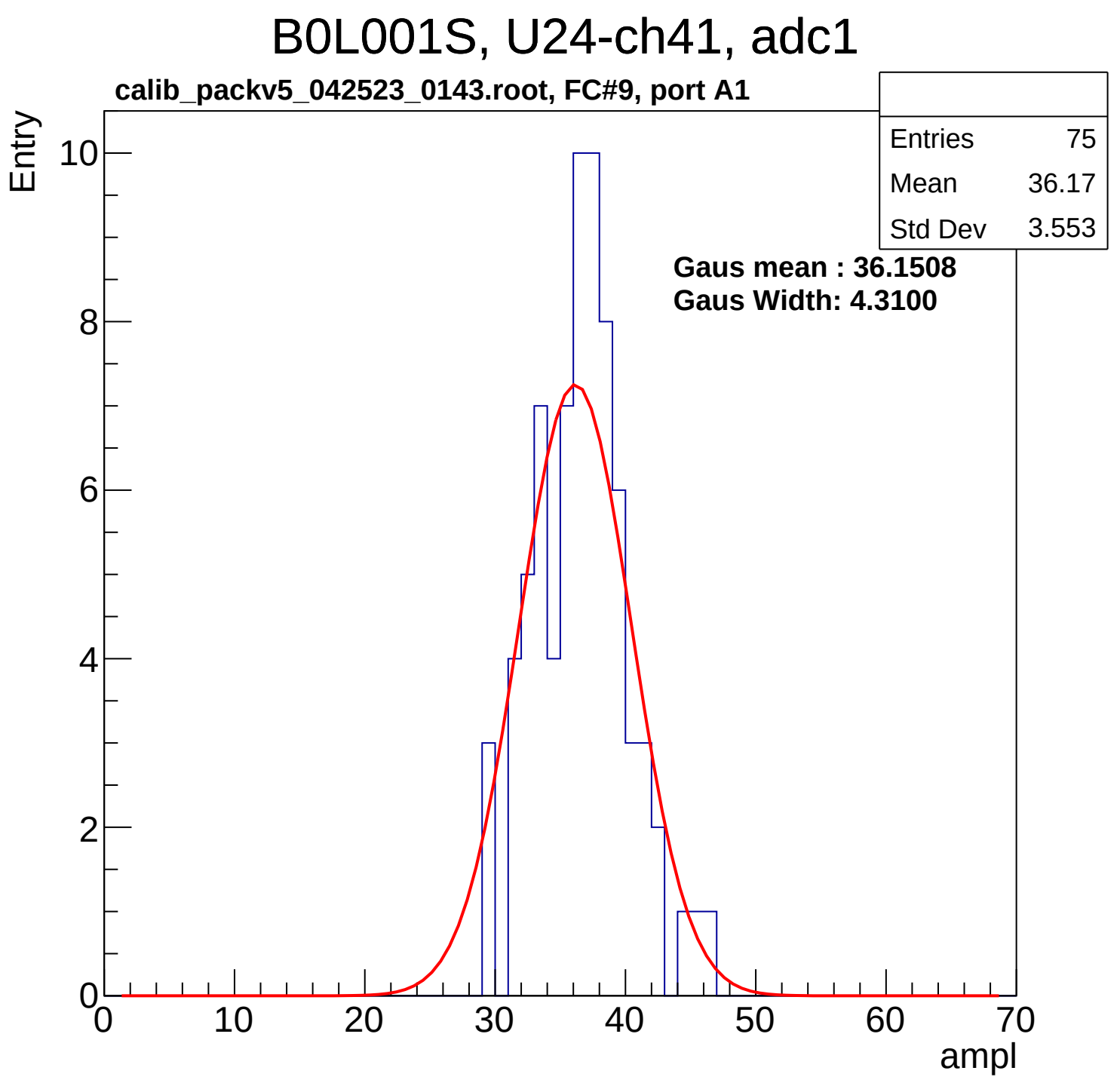
B0L001S, U24-ch41, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 36.17
Std Dev 3.553
Gaus mean : 36.1508
Gaus Width: 4.3100
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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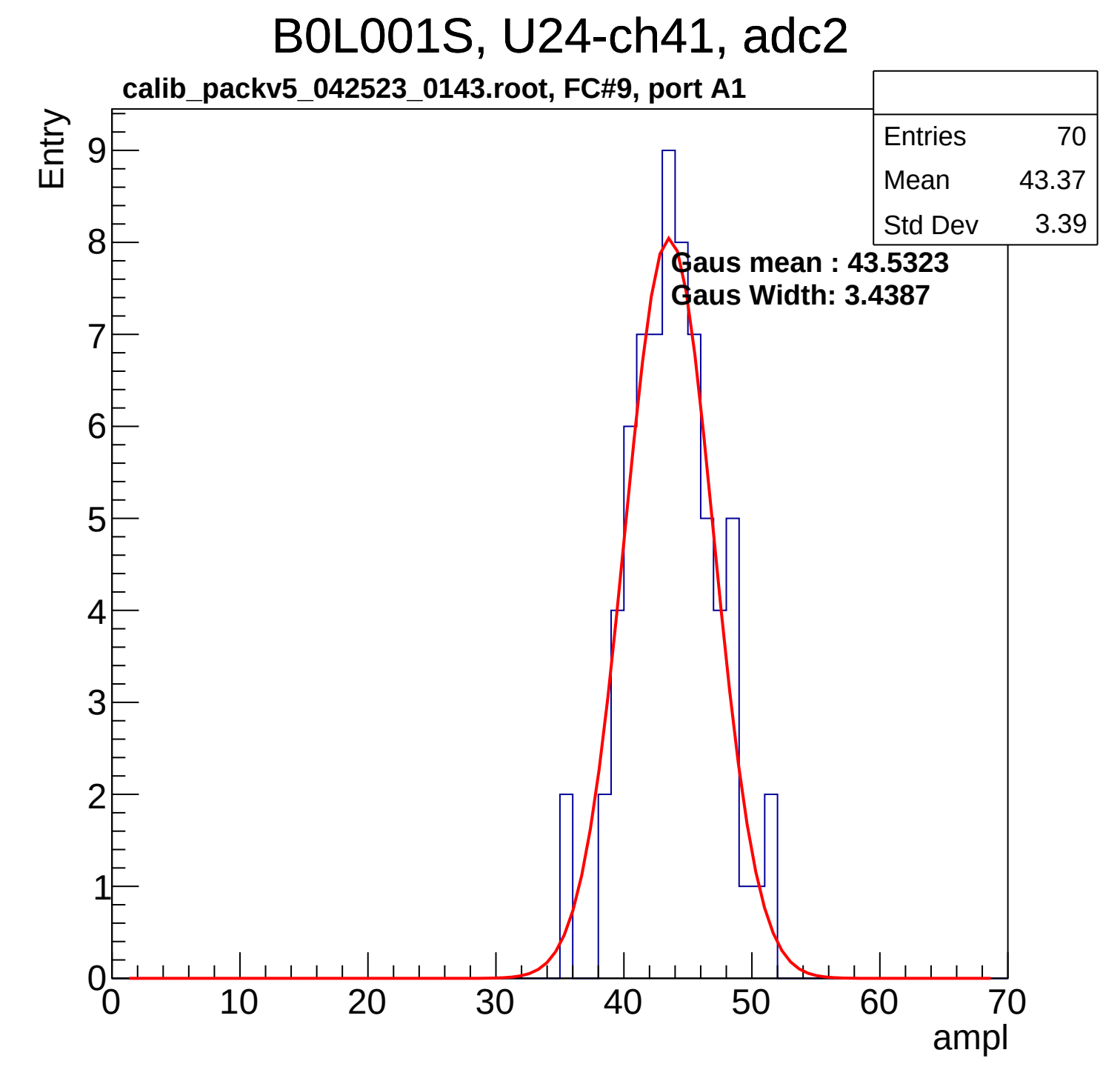
60
70


B0L001S, U24-ch41, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 43.37
Std Dev 3.39
Gaus mean : 43.5323
Gaus Width: 3.4387
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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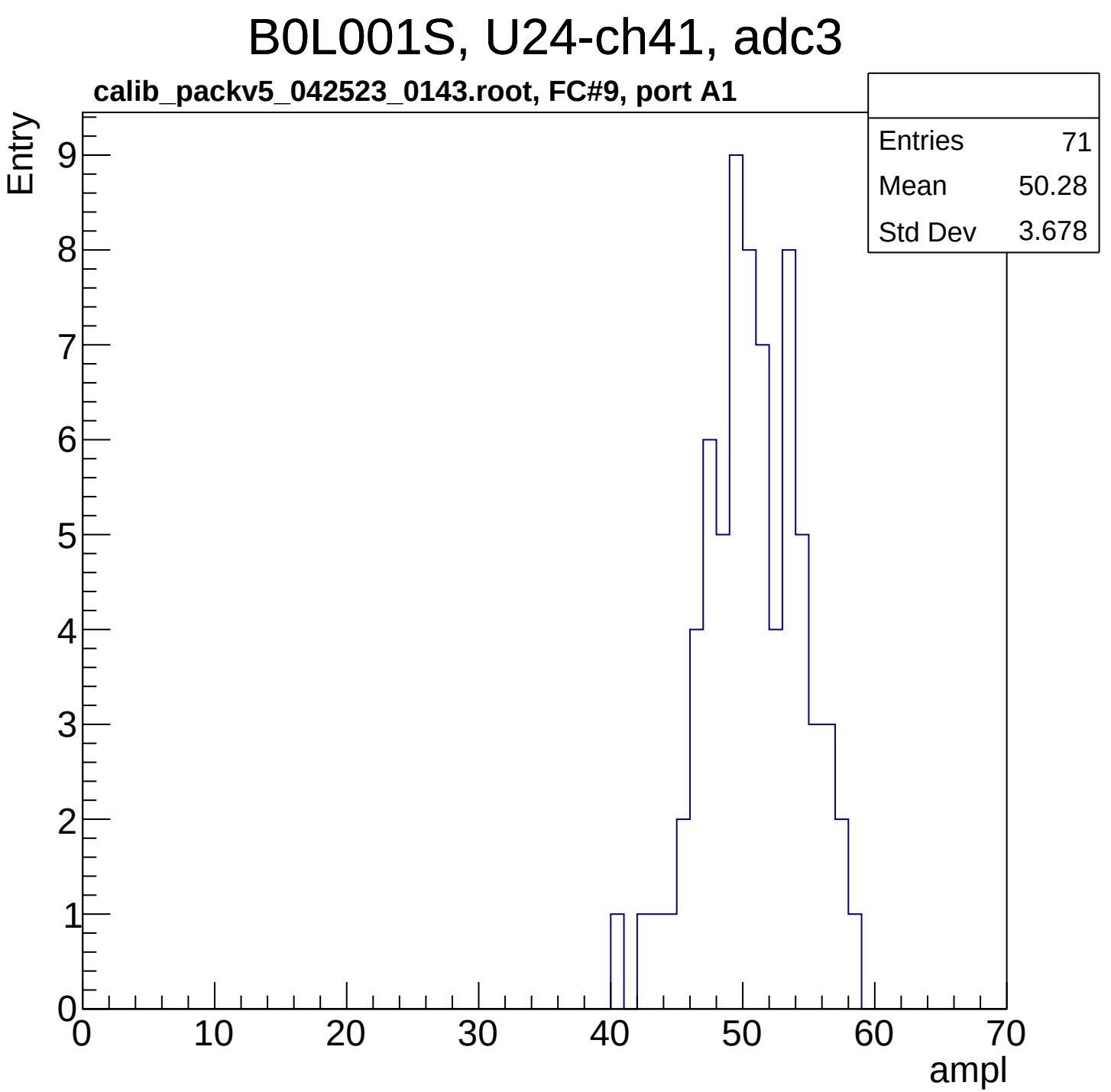
B0L001S, U24-ch41, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 50.28
Std Dev 3.678
Entry
ampl
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6
7
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0
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60
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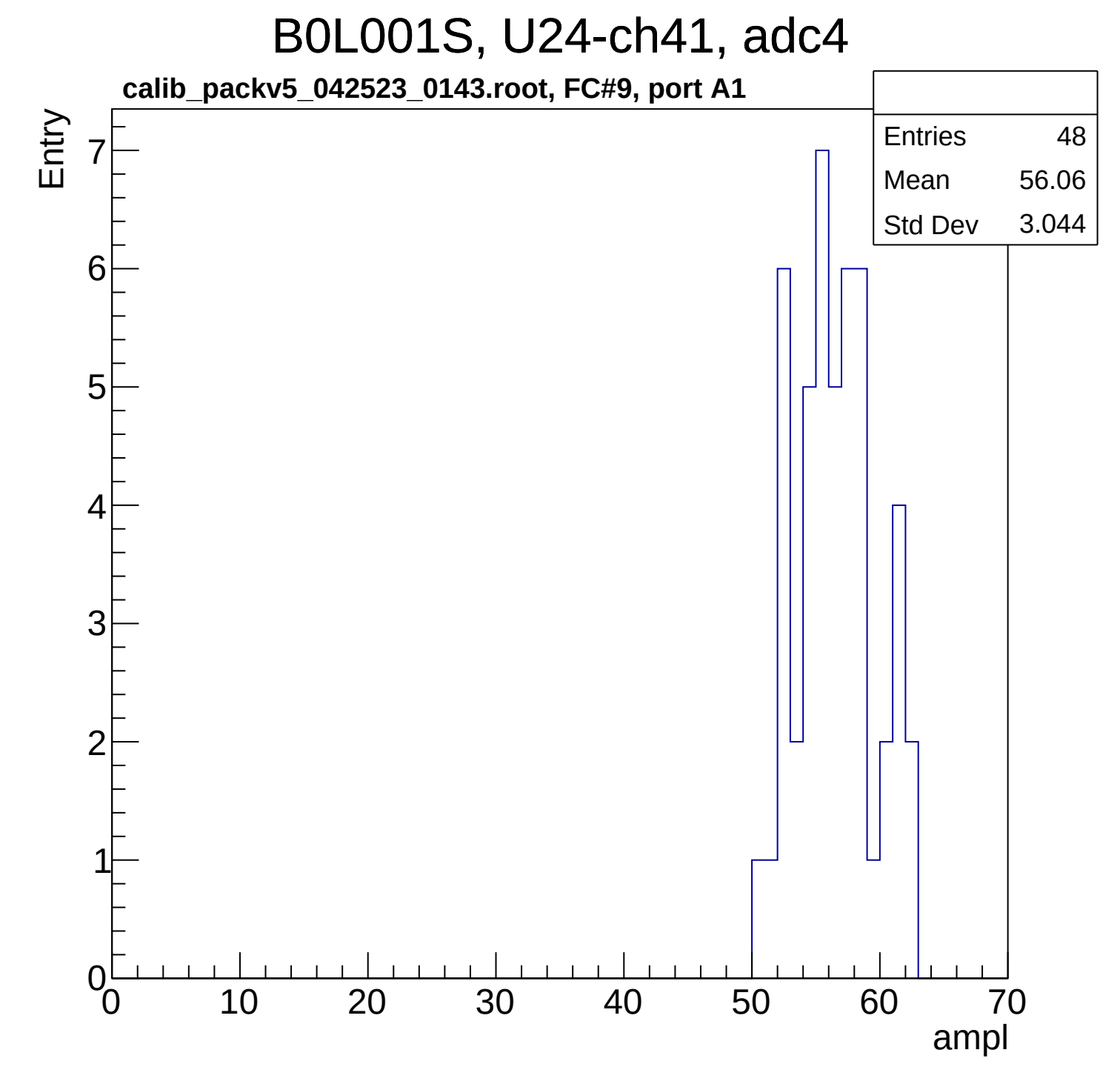
B0L001S, U24-ch41, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 56.06
Std Dev 3.044
Entry
ampl
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0
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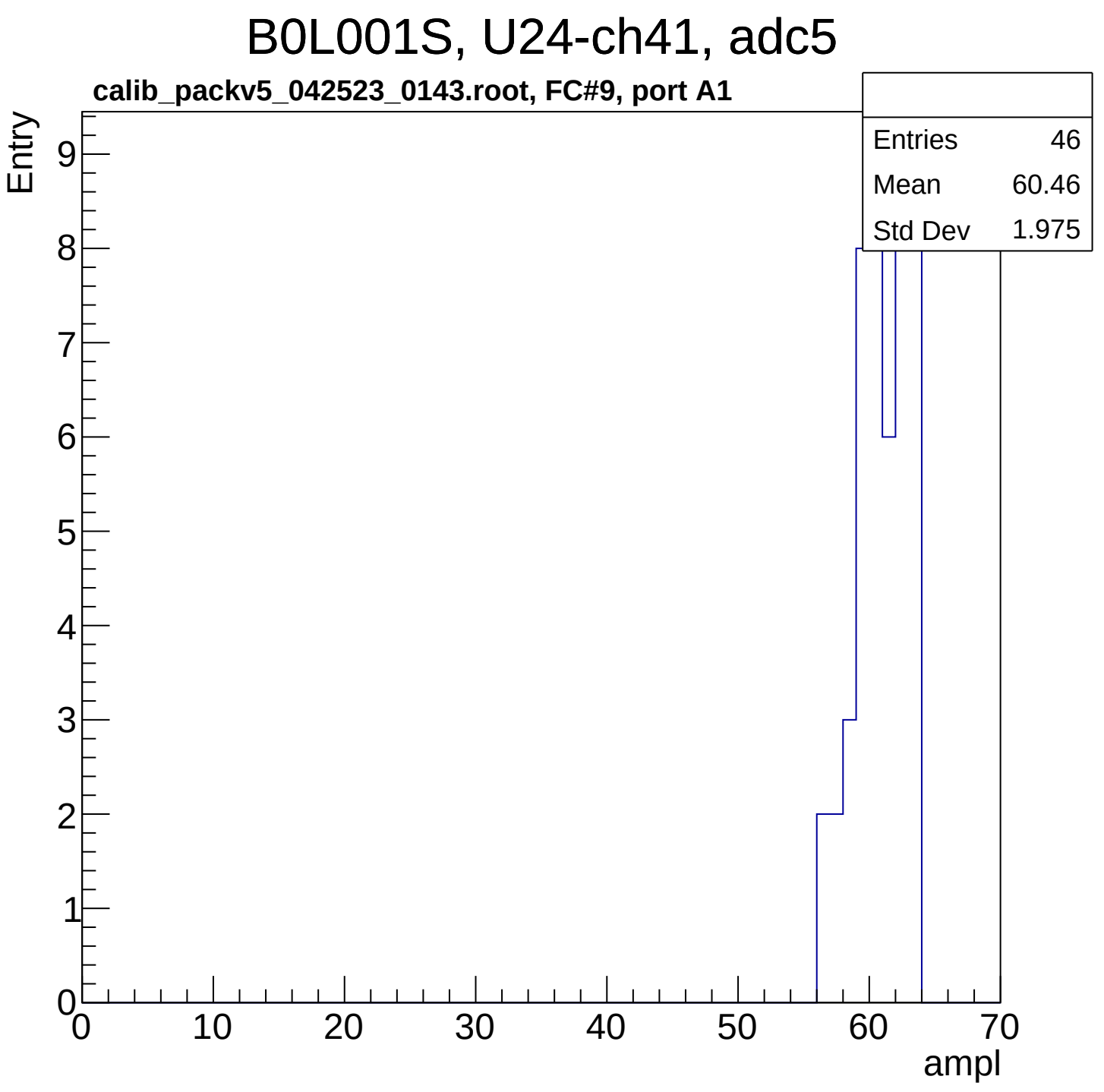
B0L001S, U24-ch41, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 60.46
Std Dev 1.975
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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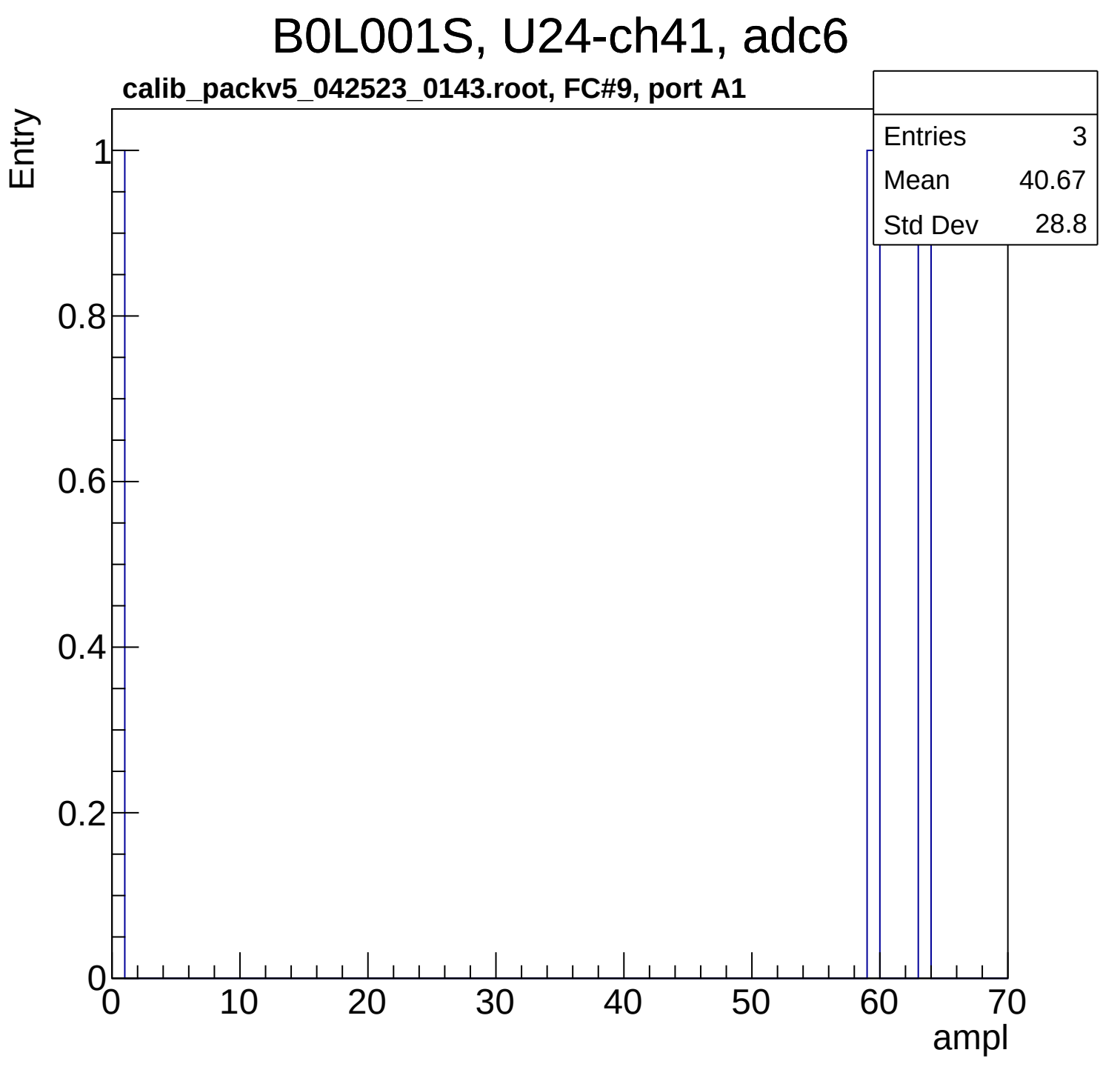
B0L001S, U24-ch41, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 40.67
Std Dev 28.8
Entry
ampl
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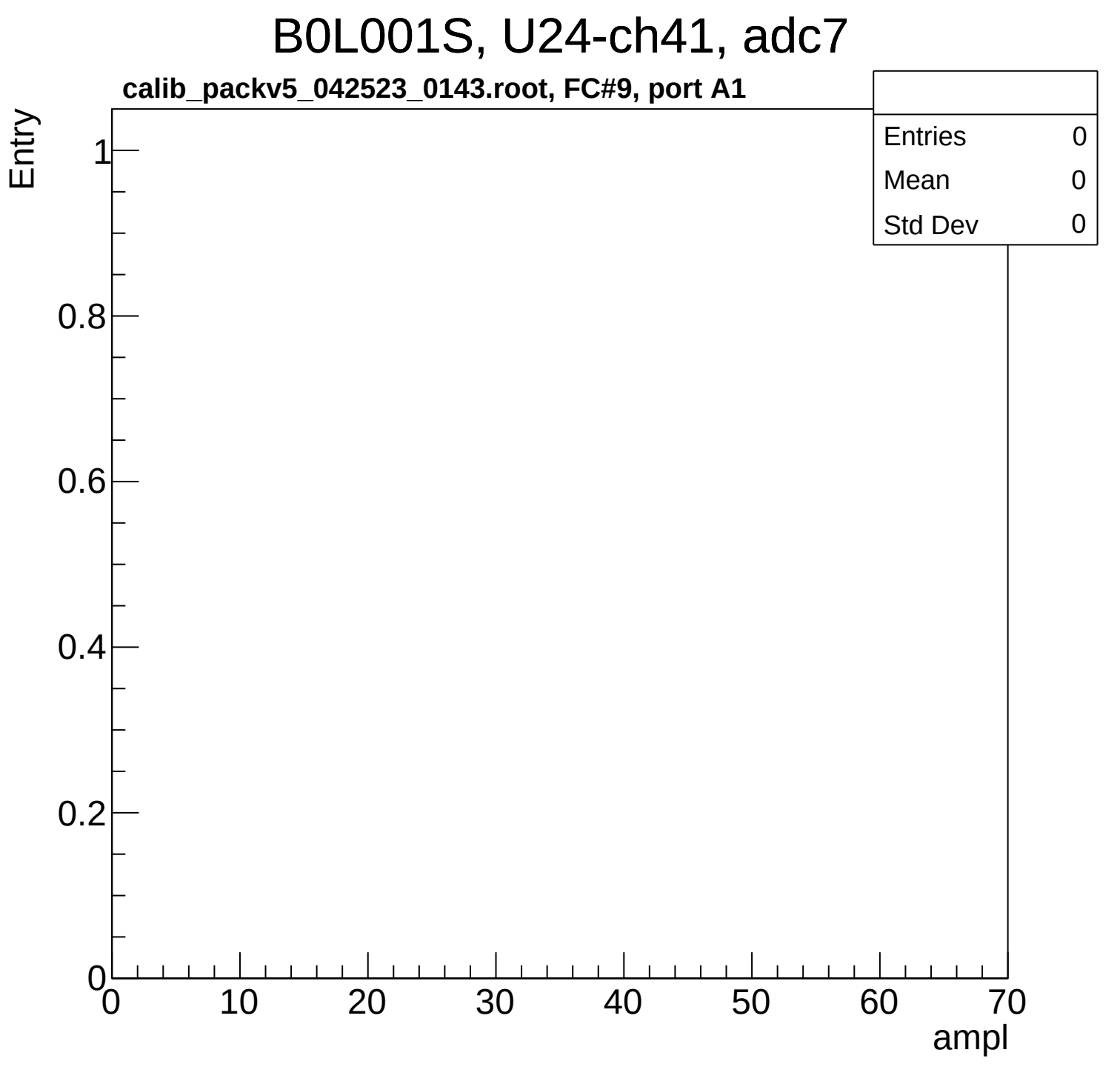
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B0L001S, U24-ch41, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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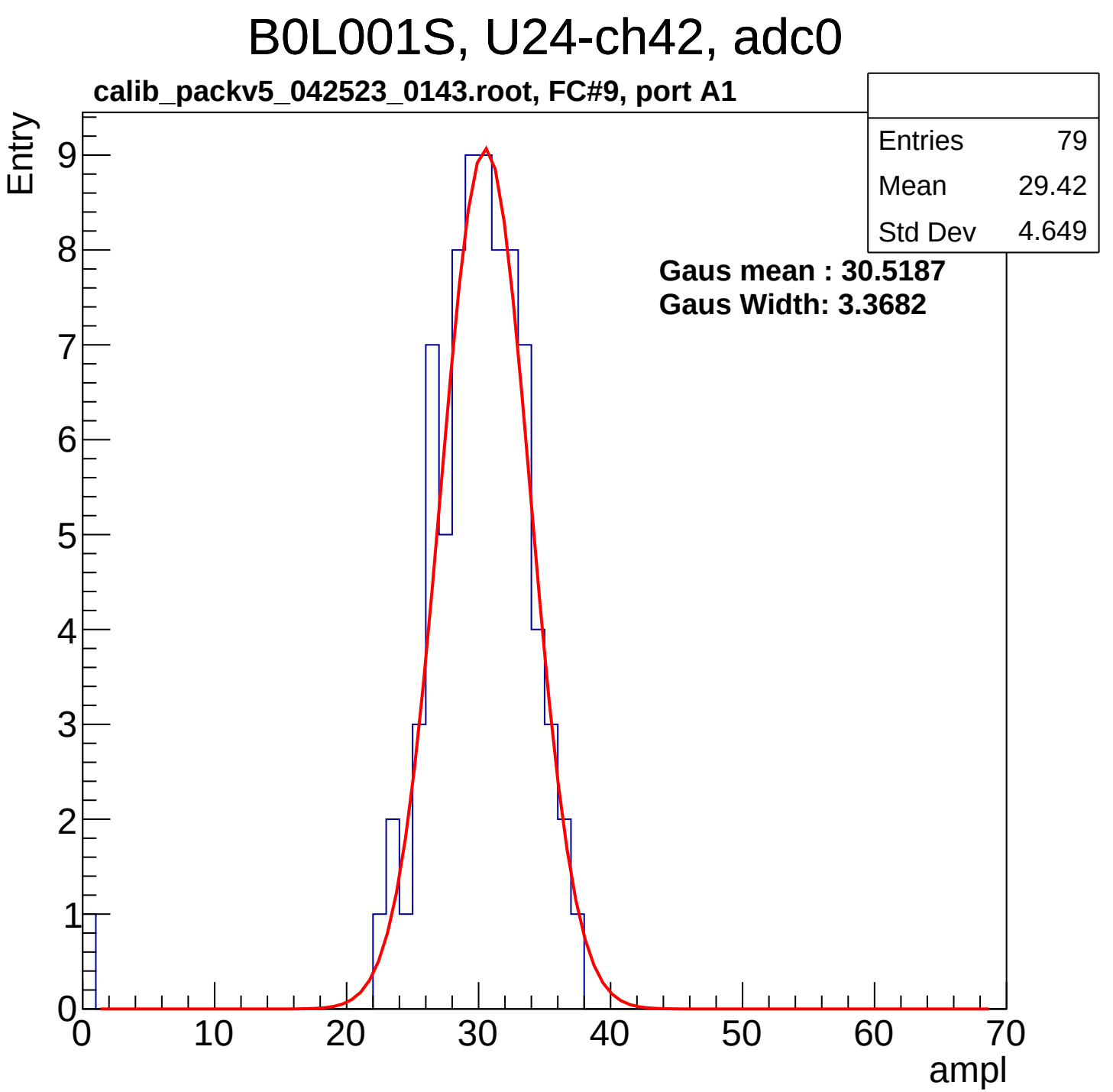
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch42, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 29.42
Std Dev 4.649
Gaus mean : 30.5187
Gaus Width: 3.3682
Entry
ampl
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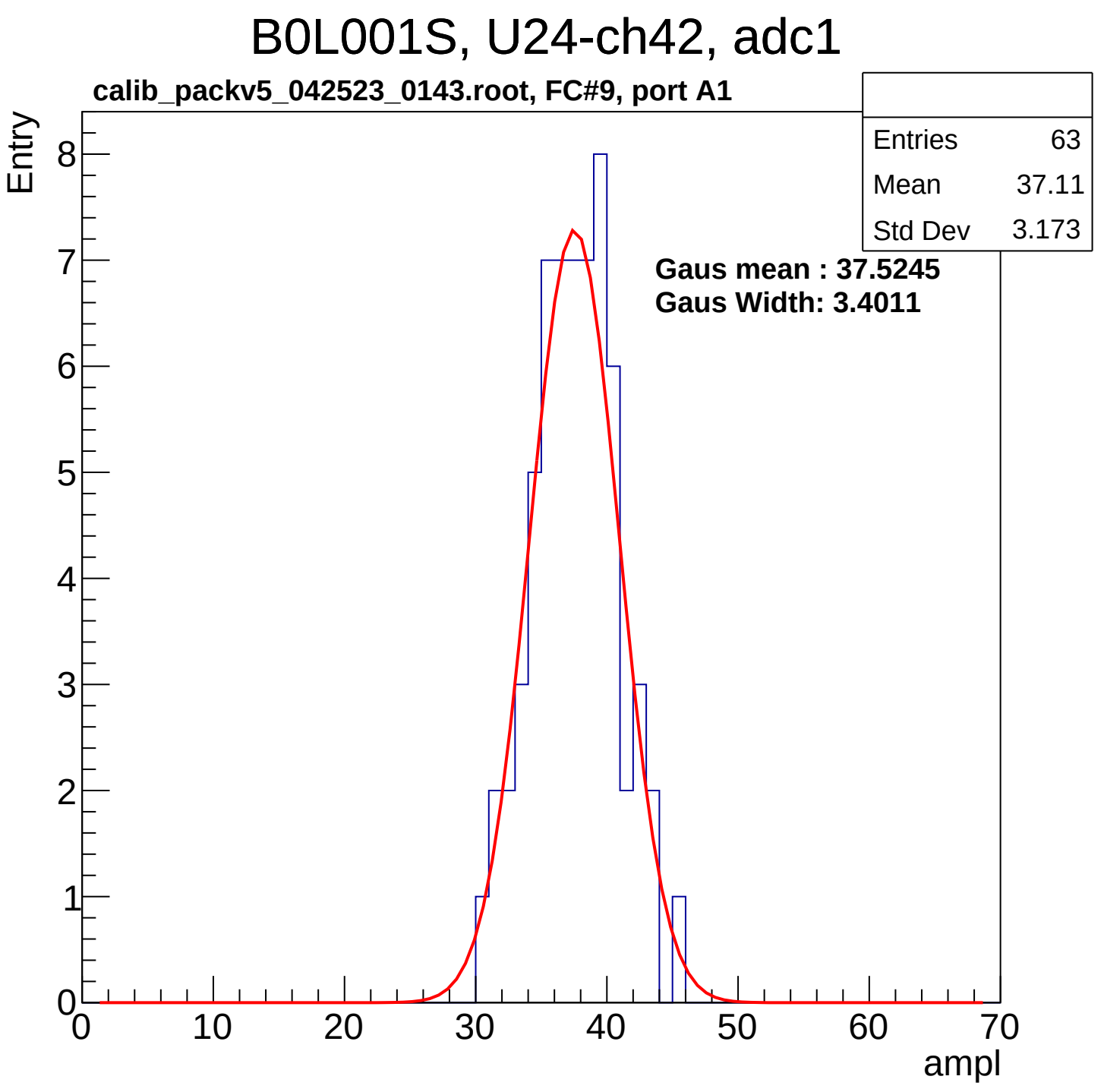
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch42, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 37.11
Std Dev 3.173
Gaus mean : 37.5245
Gaus Width: 3.4011
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
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60
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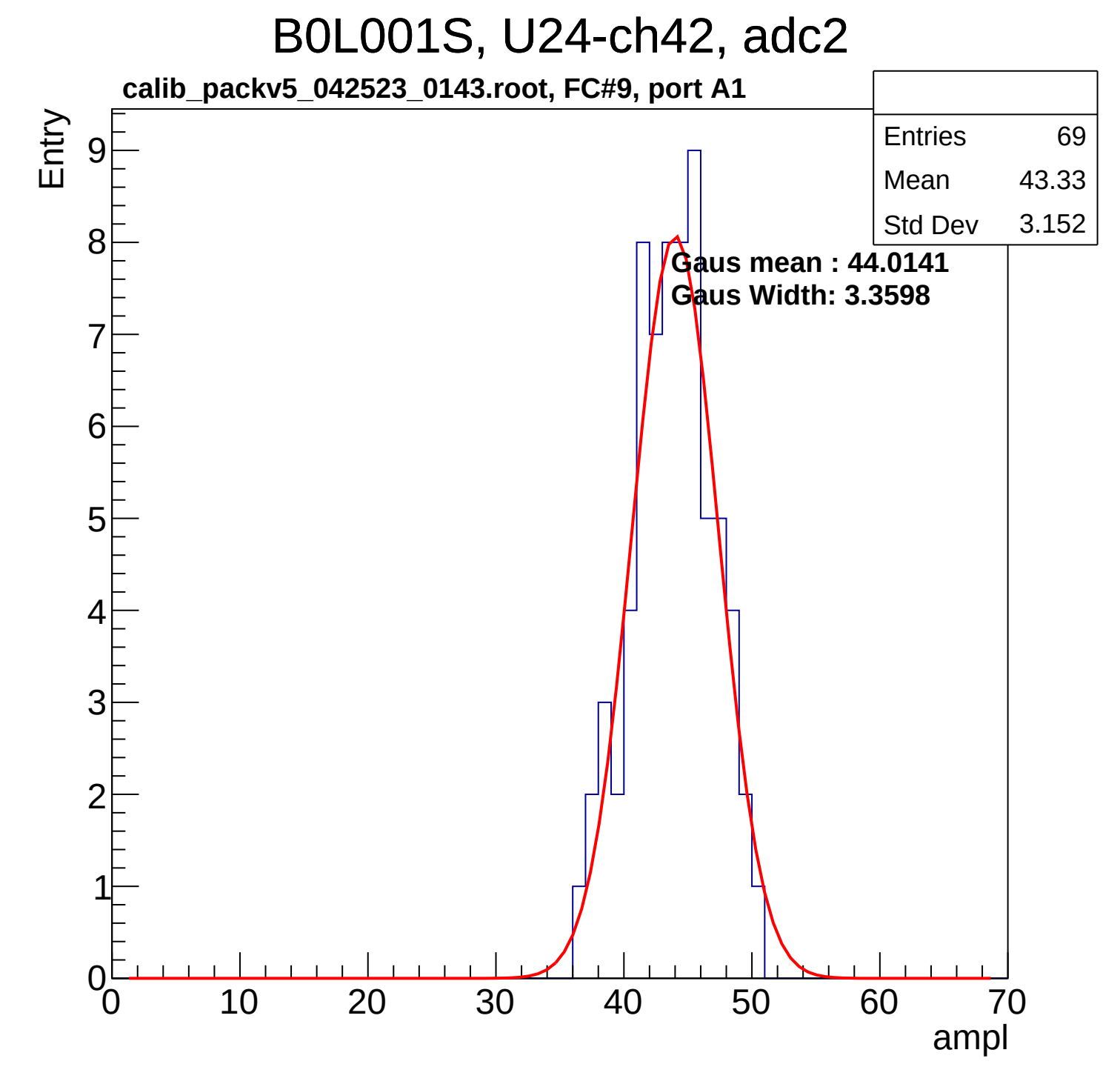
B0L001S, U24-ch42, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 43.33
Std Dev 3.152
Gaus mean : 44.0141
Gaus Width: 3.3598
Entry
ampl
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2
3
4
5
6
7
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9
0
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60
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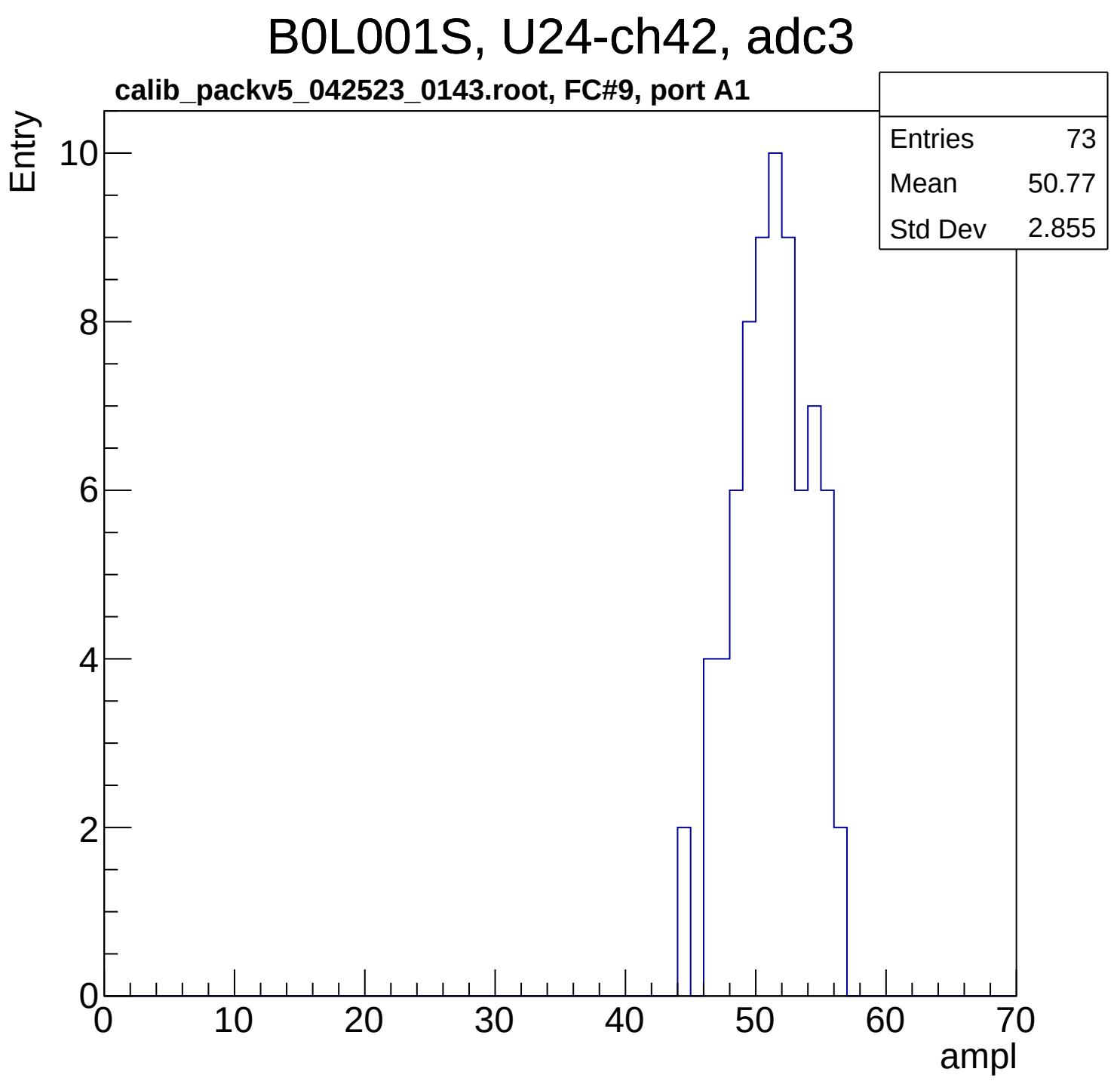
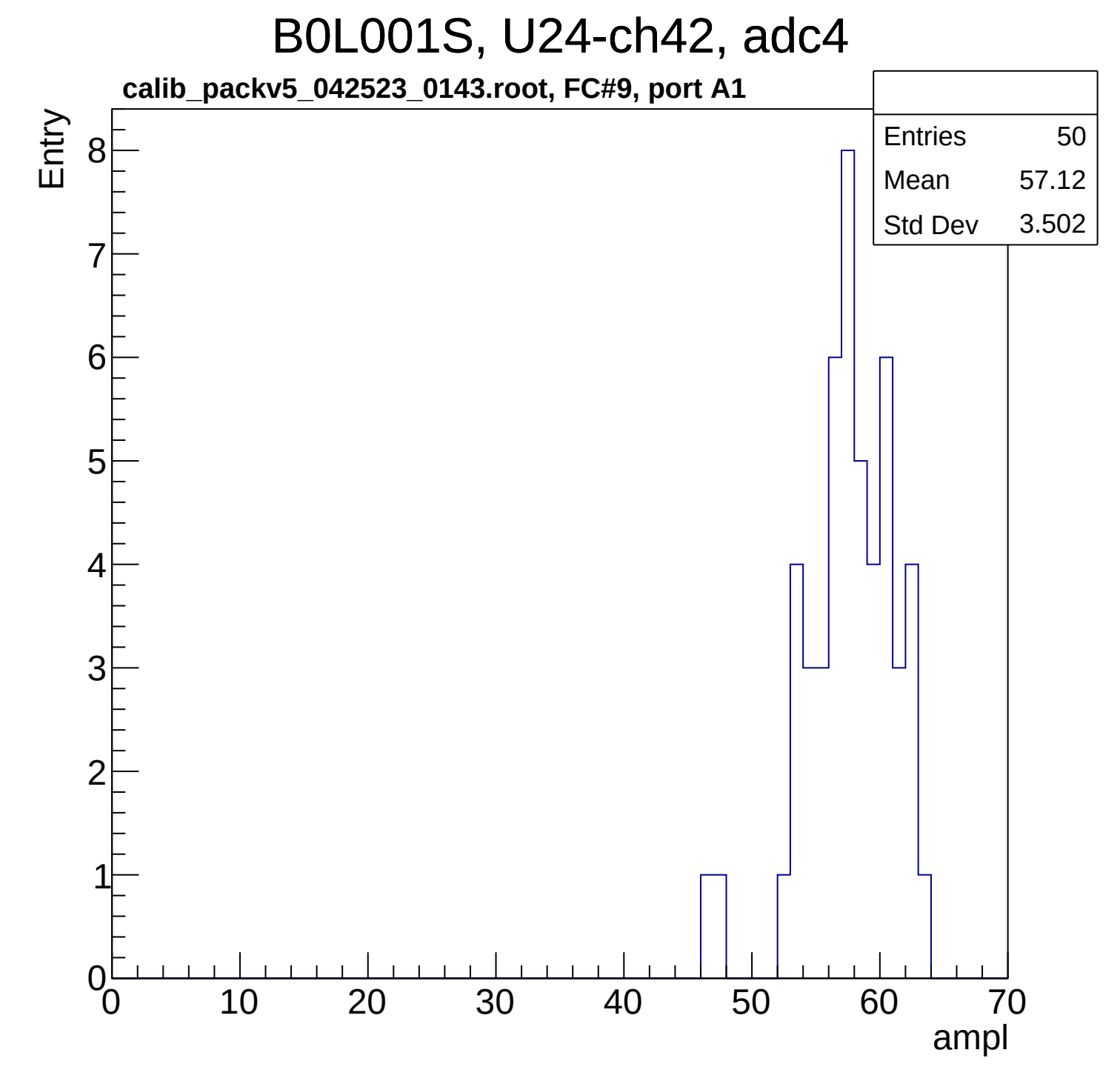

B0L001S, U24-ch42, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 50.77
Std Dev 2.855
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch42, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 57.12
Std Dev 3.502
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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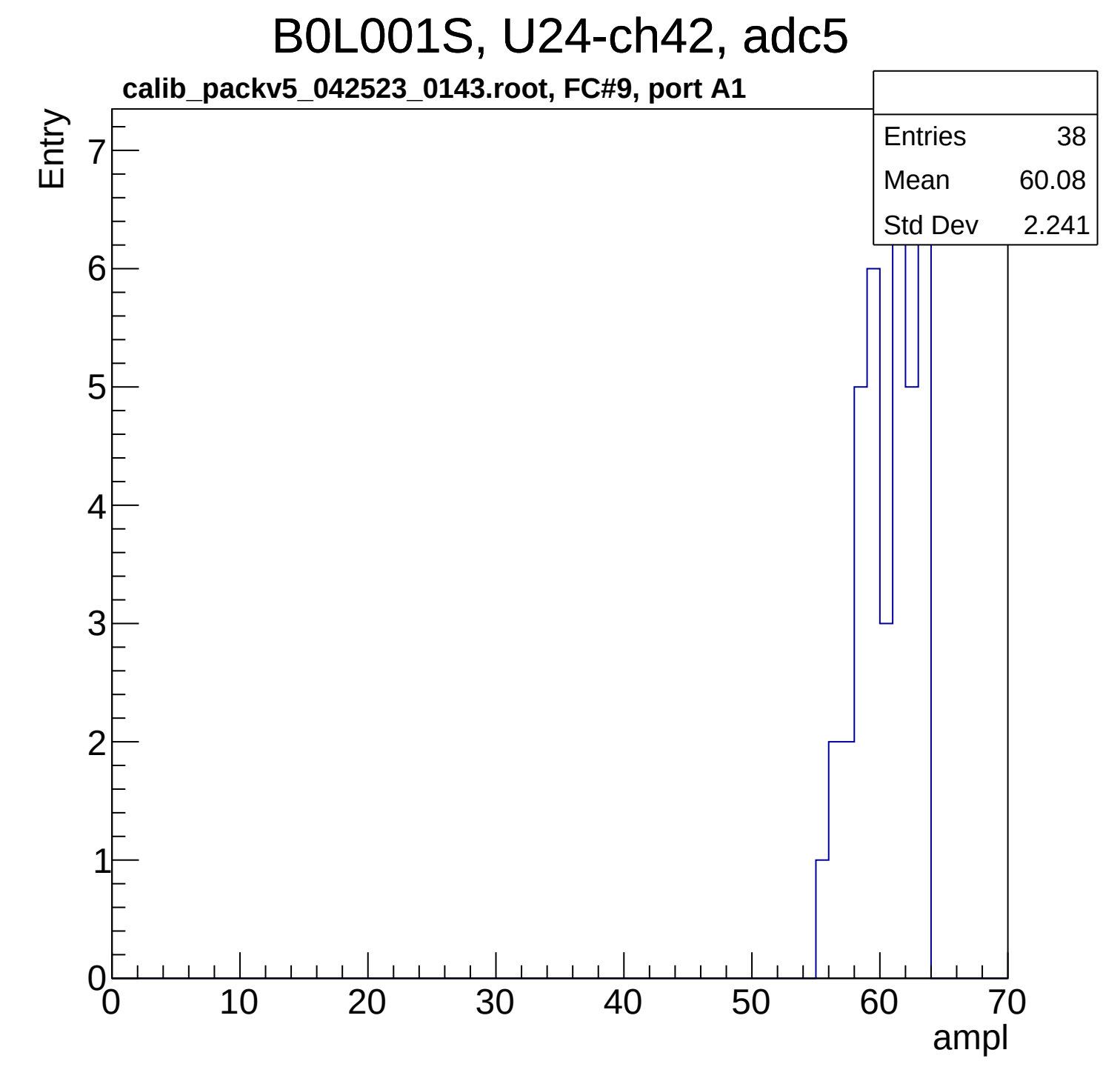
40
50
60
70


B0L001S, U24-ch42, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 60.08
Std Dev 2.241
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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40
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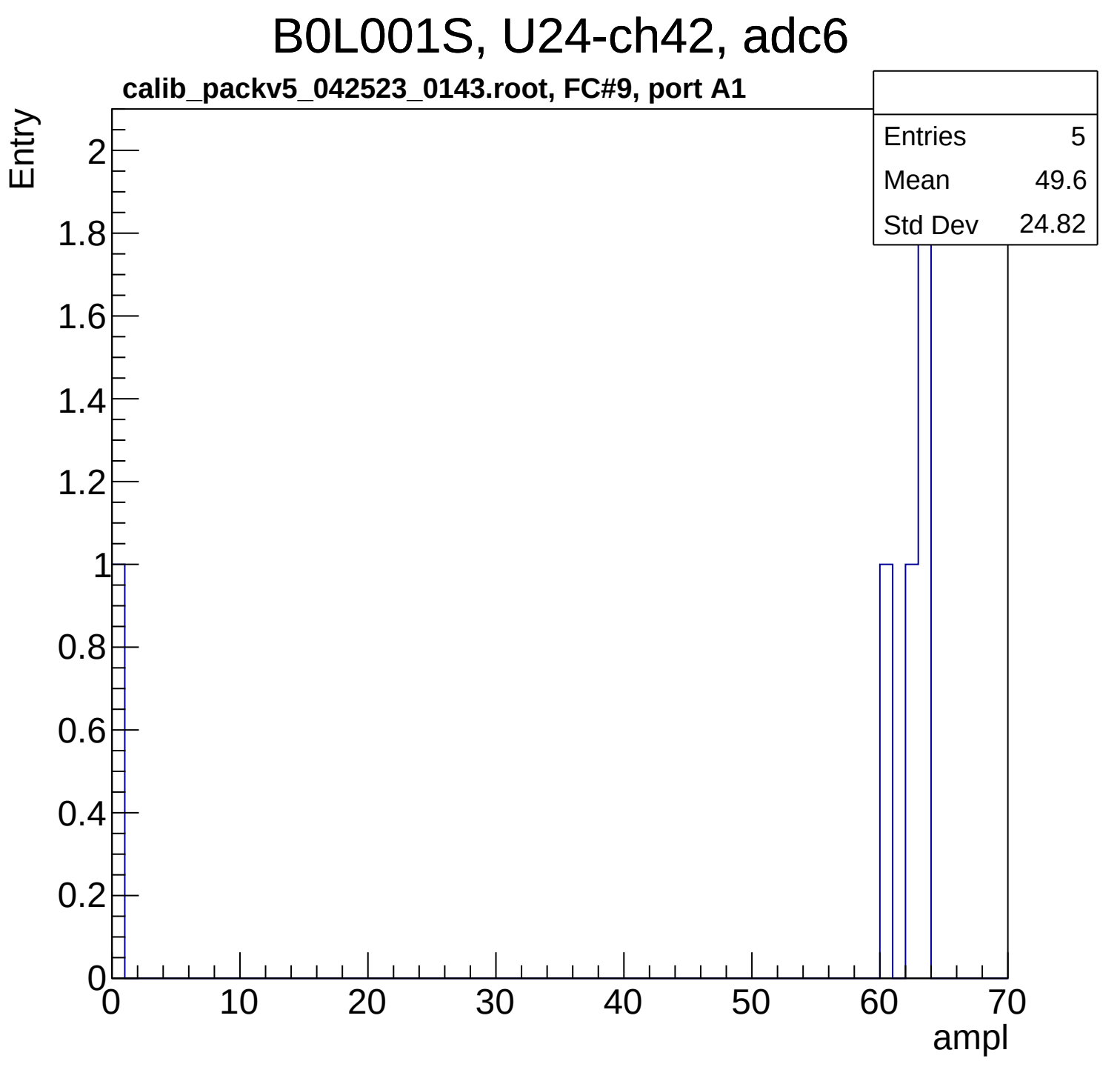
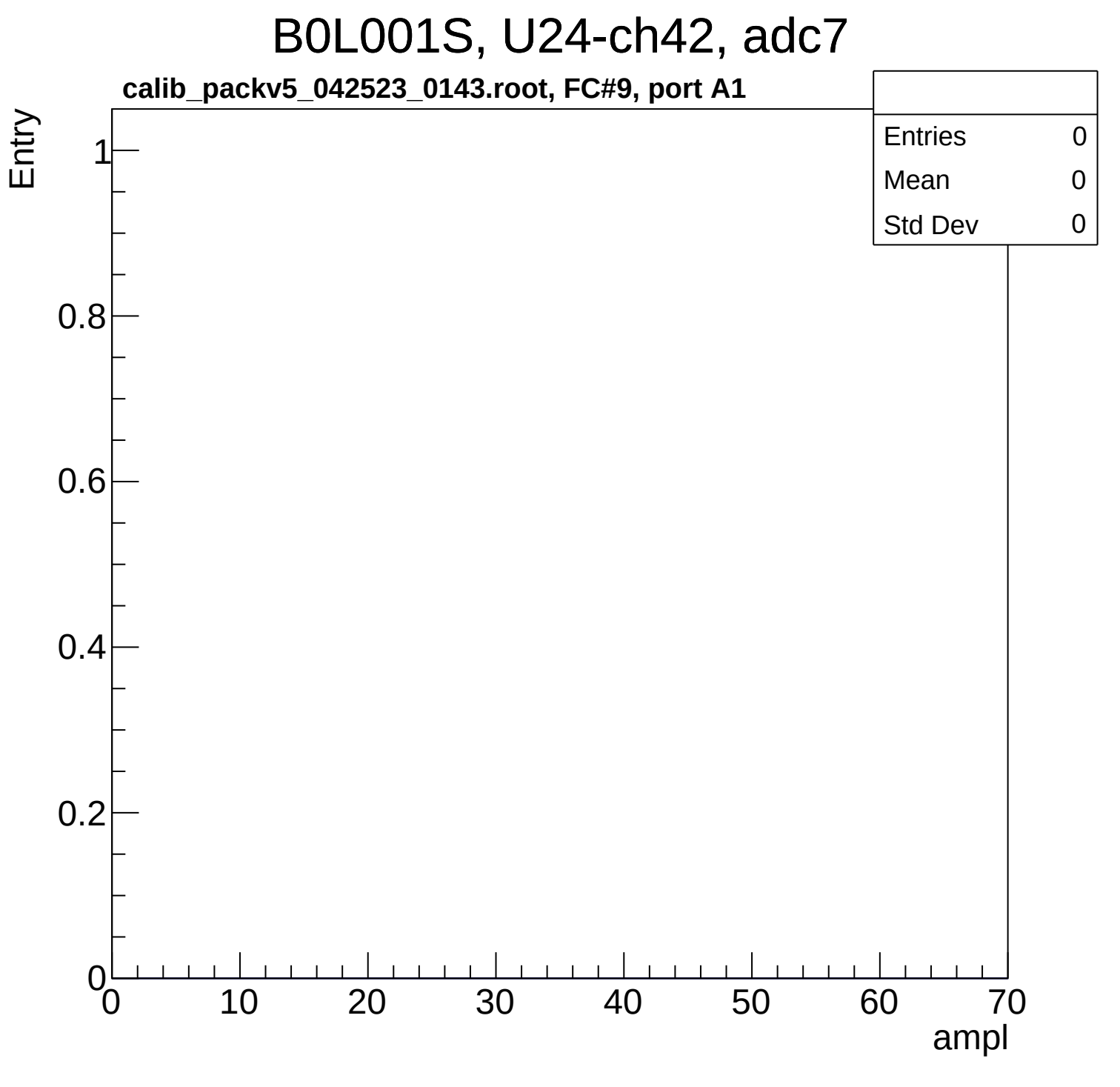
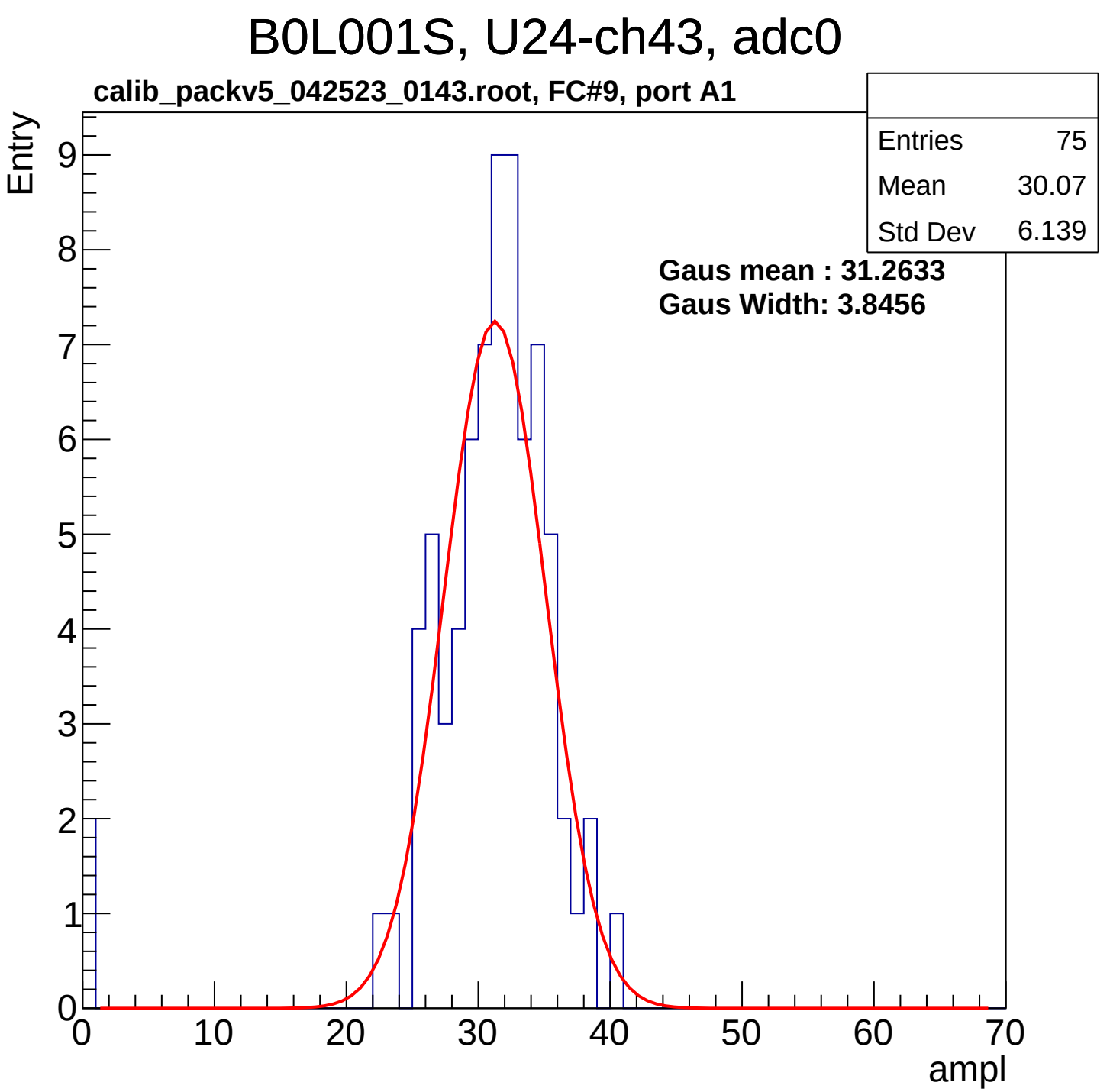
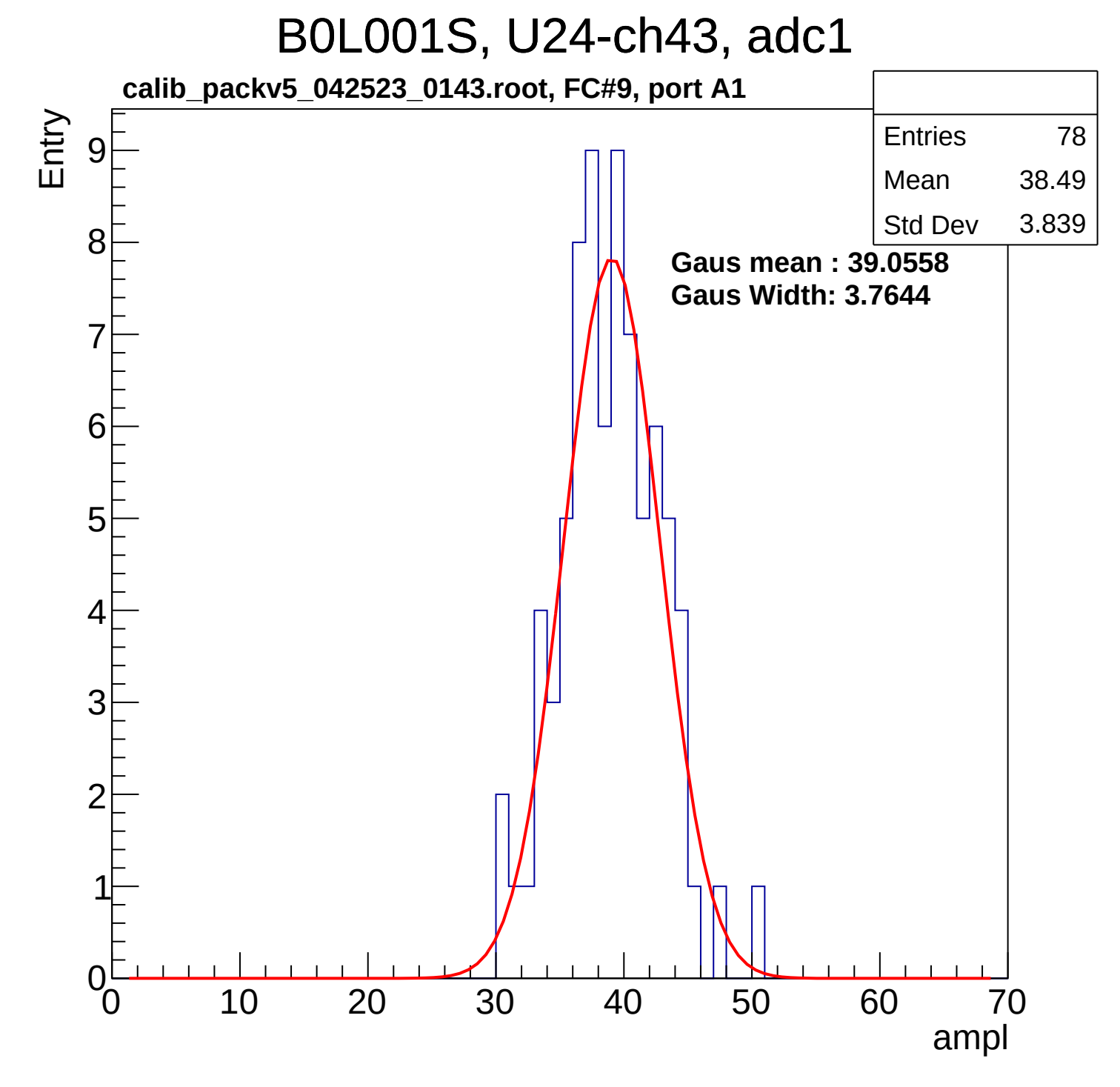
60
70


B0L001S, U24-ch42, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 49.6
Std Dev 24.82
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch42, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch43, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 30.07
Std Dev 6.139
Gaus mean : 31.2633
Gaus Width: 3.8456
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch43, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 38.49
Std Dev 3.839
Gaus mean : 39.0558
Gaus Width: 3.7644
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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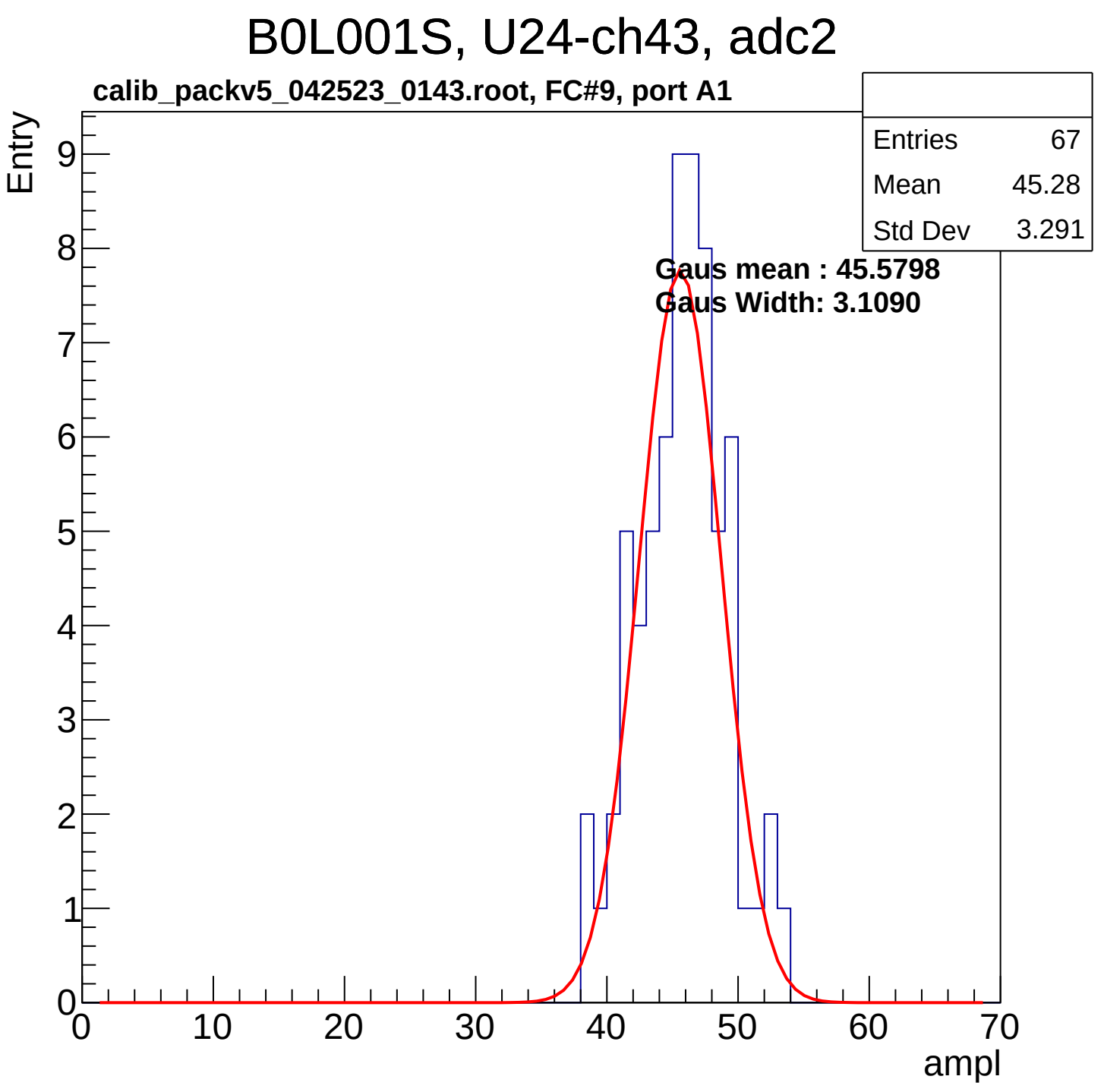
B0L001S, U24-ch43, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 45.28
Std Dev 3.291
Gaus mean : 45.5798
Gaus Width: 3.1090
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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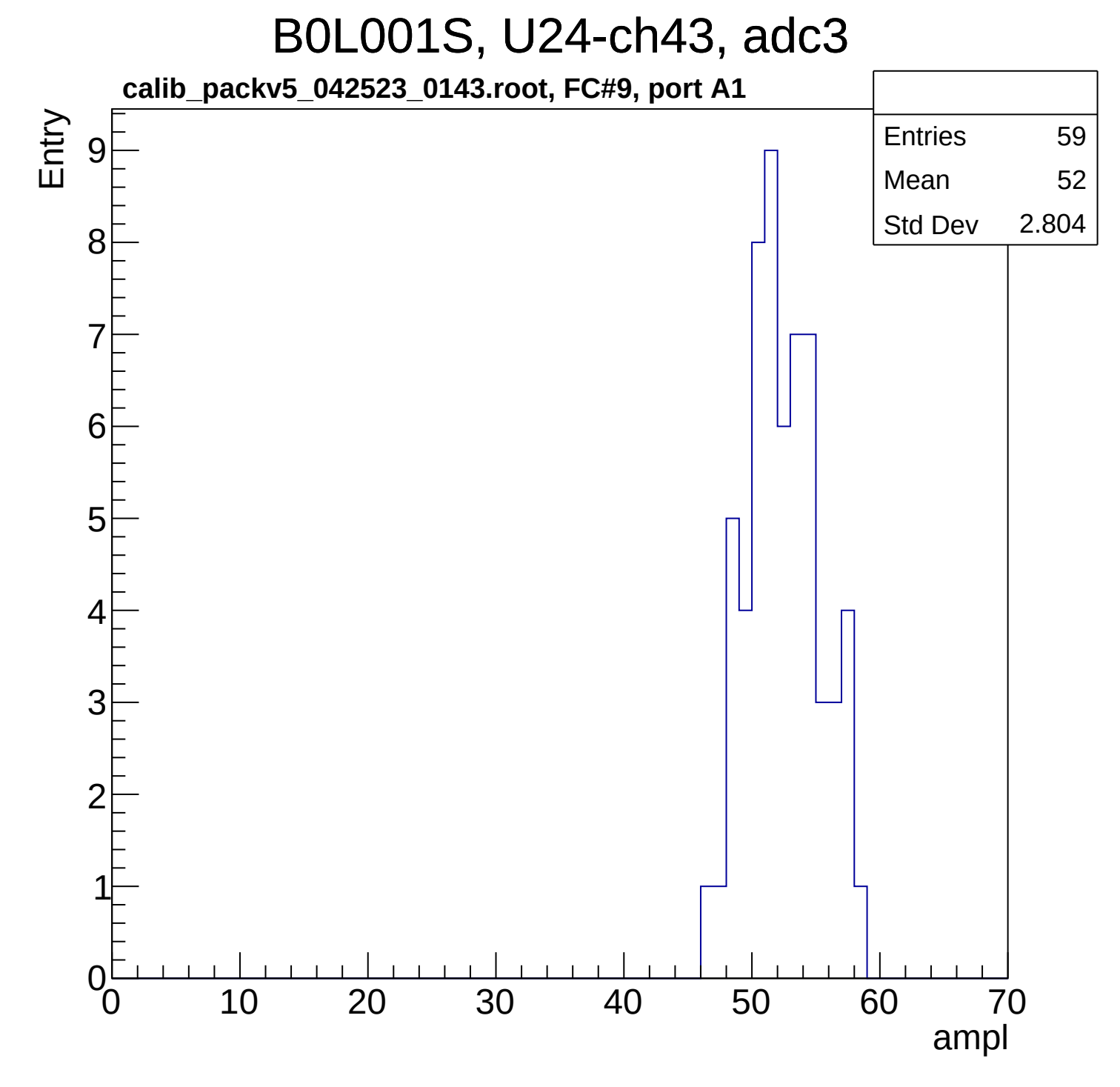
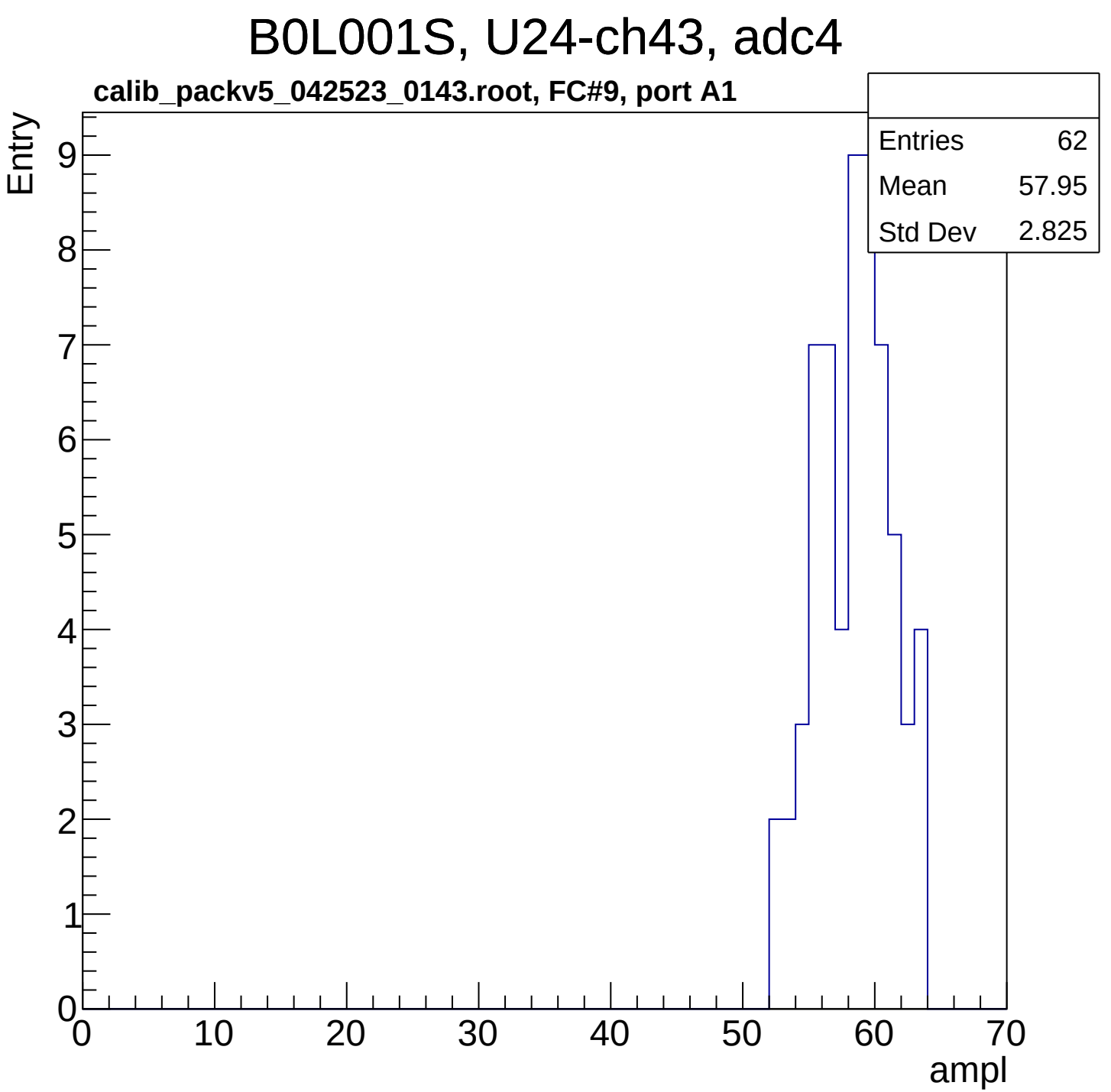
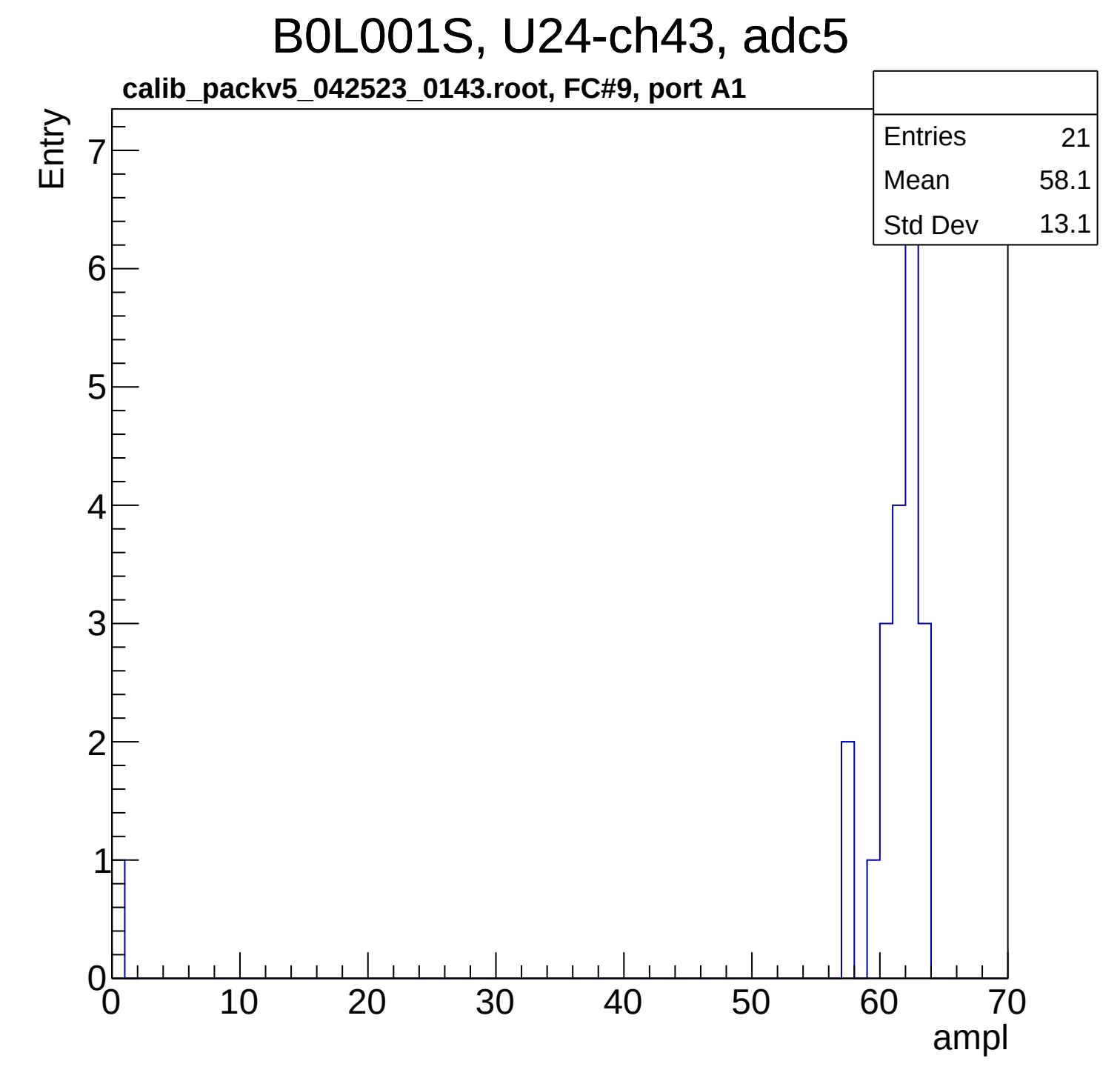
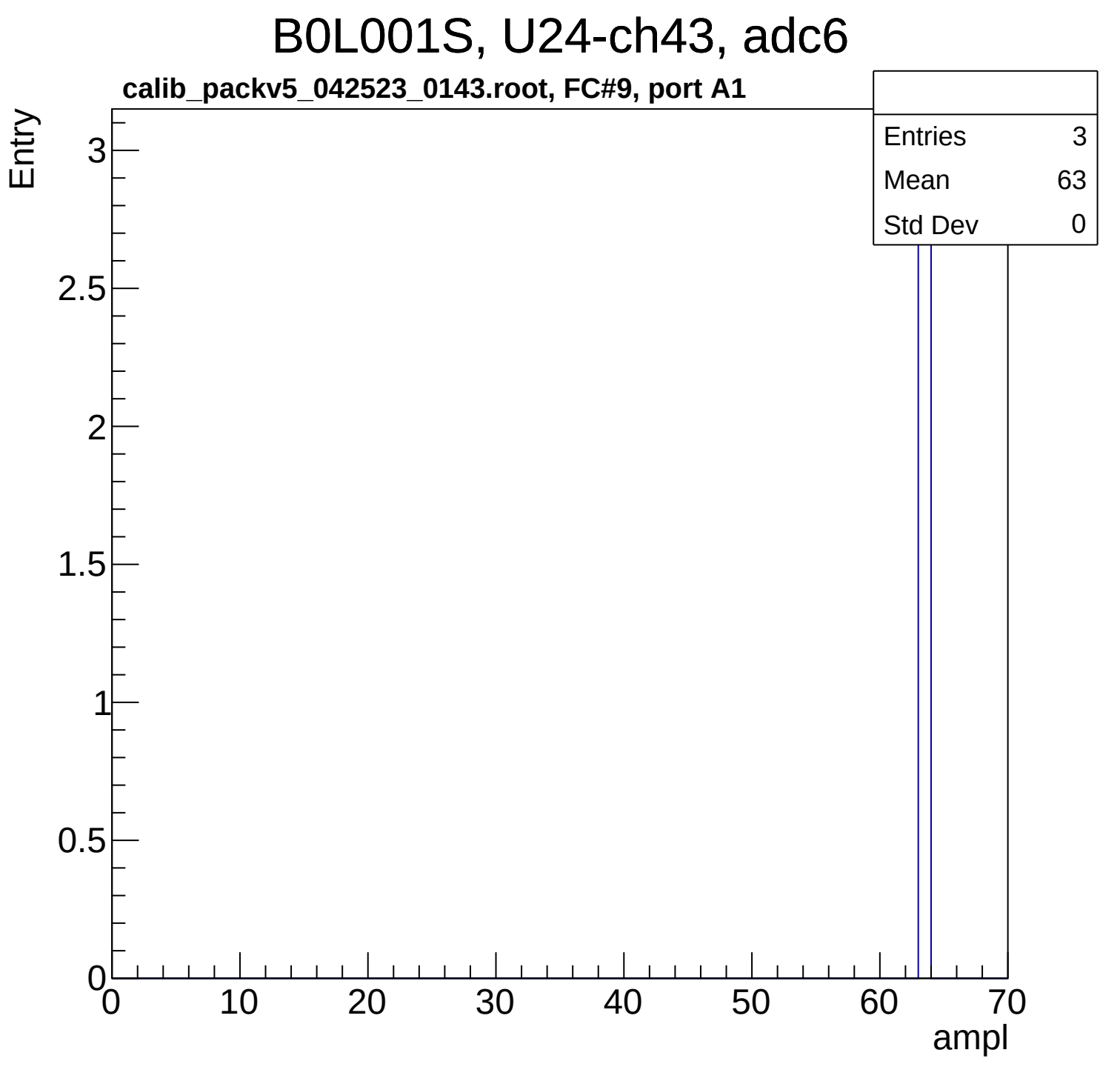
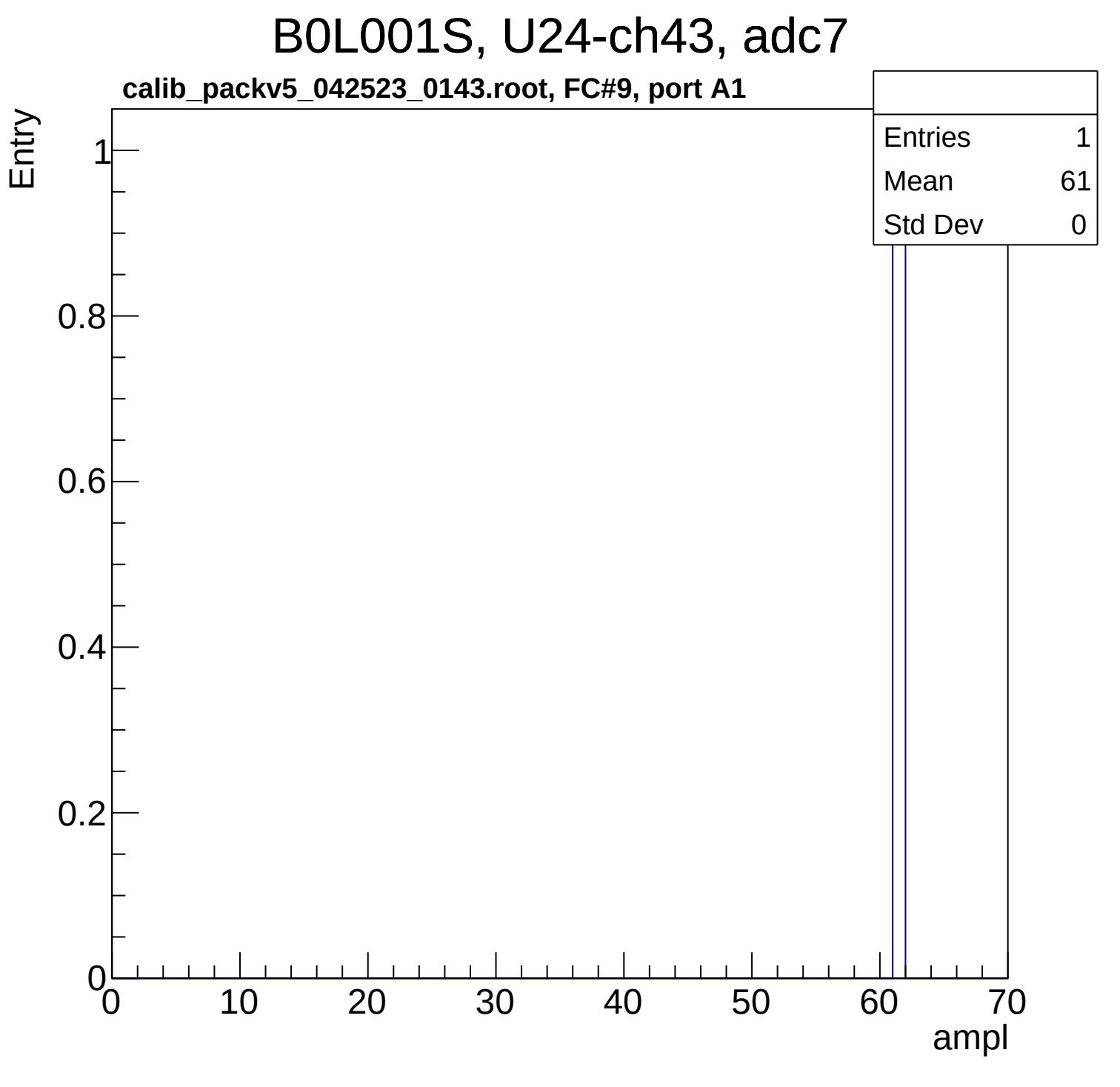
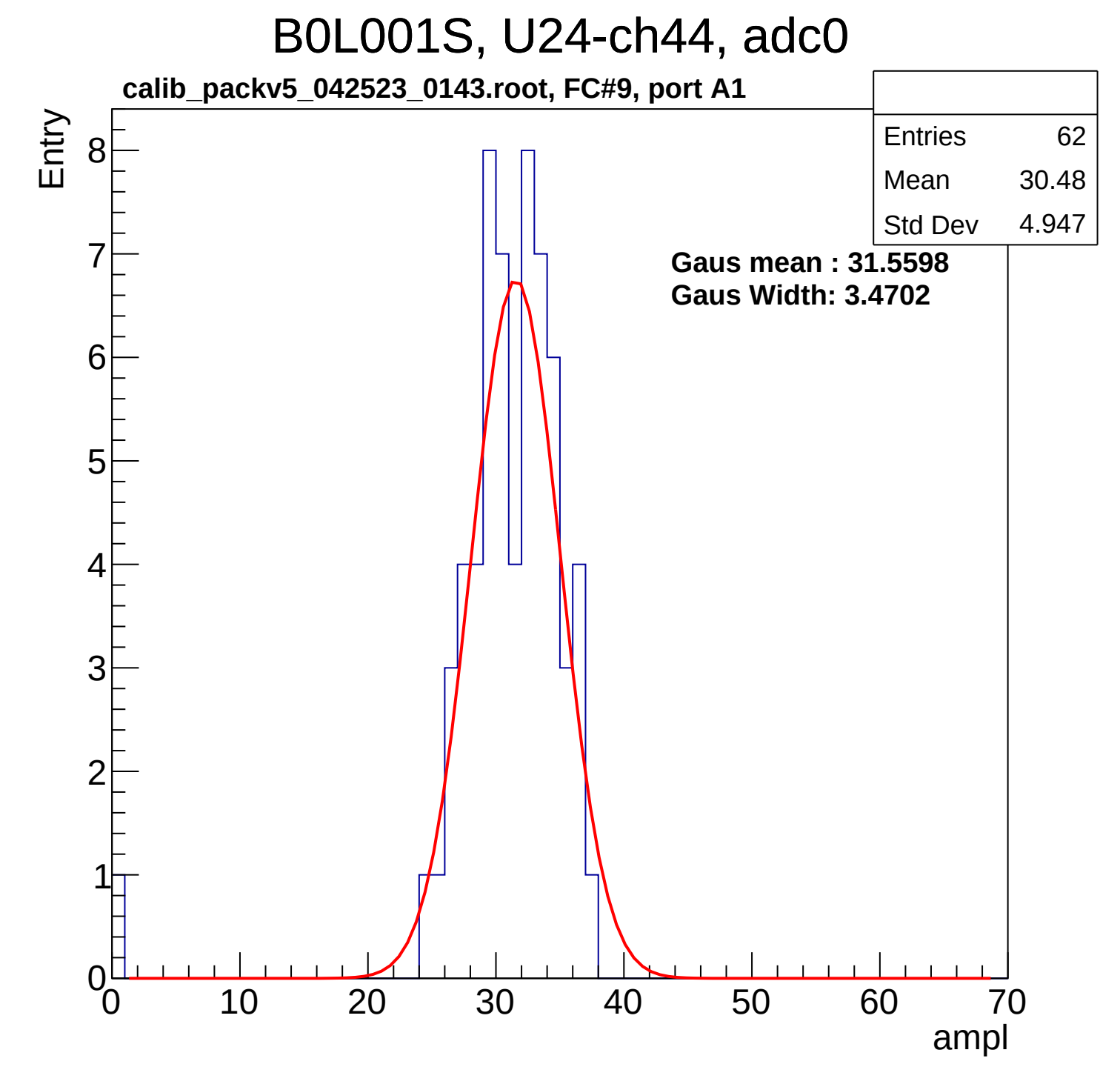

B0L001S, U24-ch43, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 52
Std Dev 2.804
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

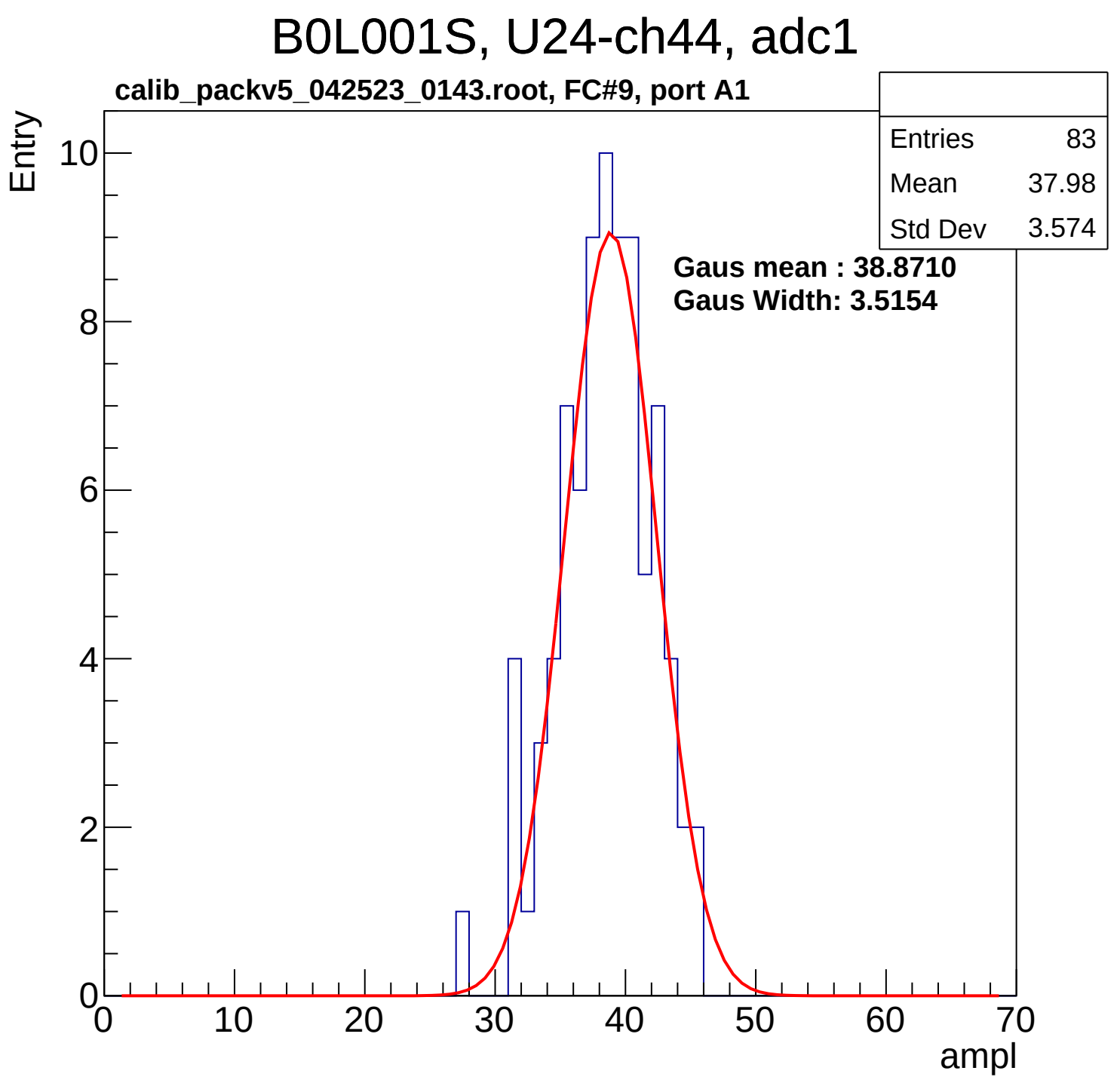

B0L001S, U24-ch43, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.95
Std Dev 2.825
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

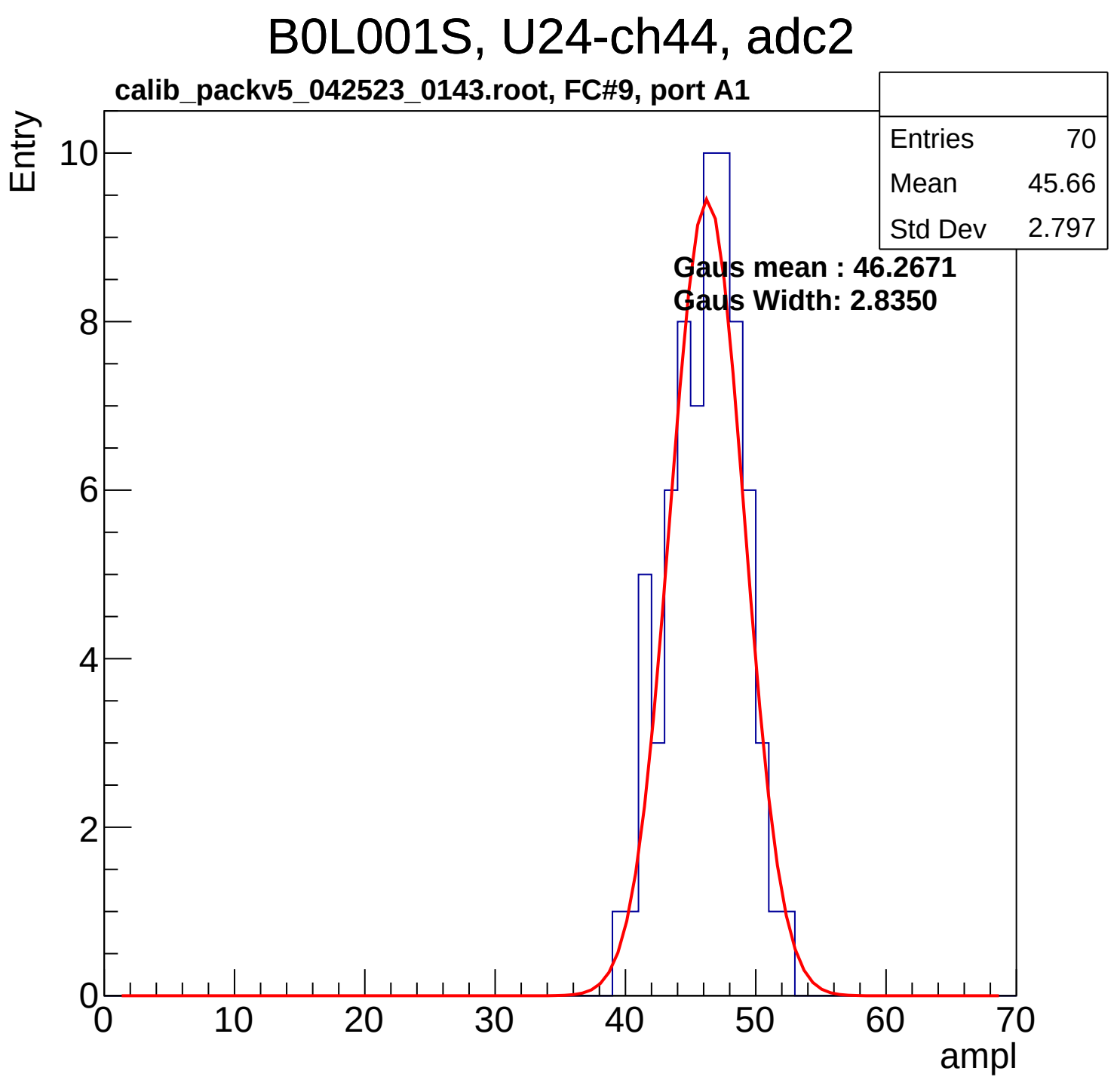

B0L001S, U24-ch43, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 21
Mean 58.1
Std Dev 13.1
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

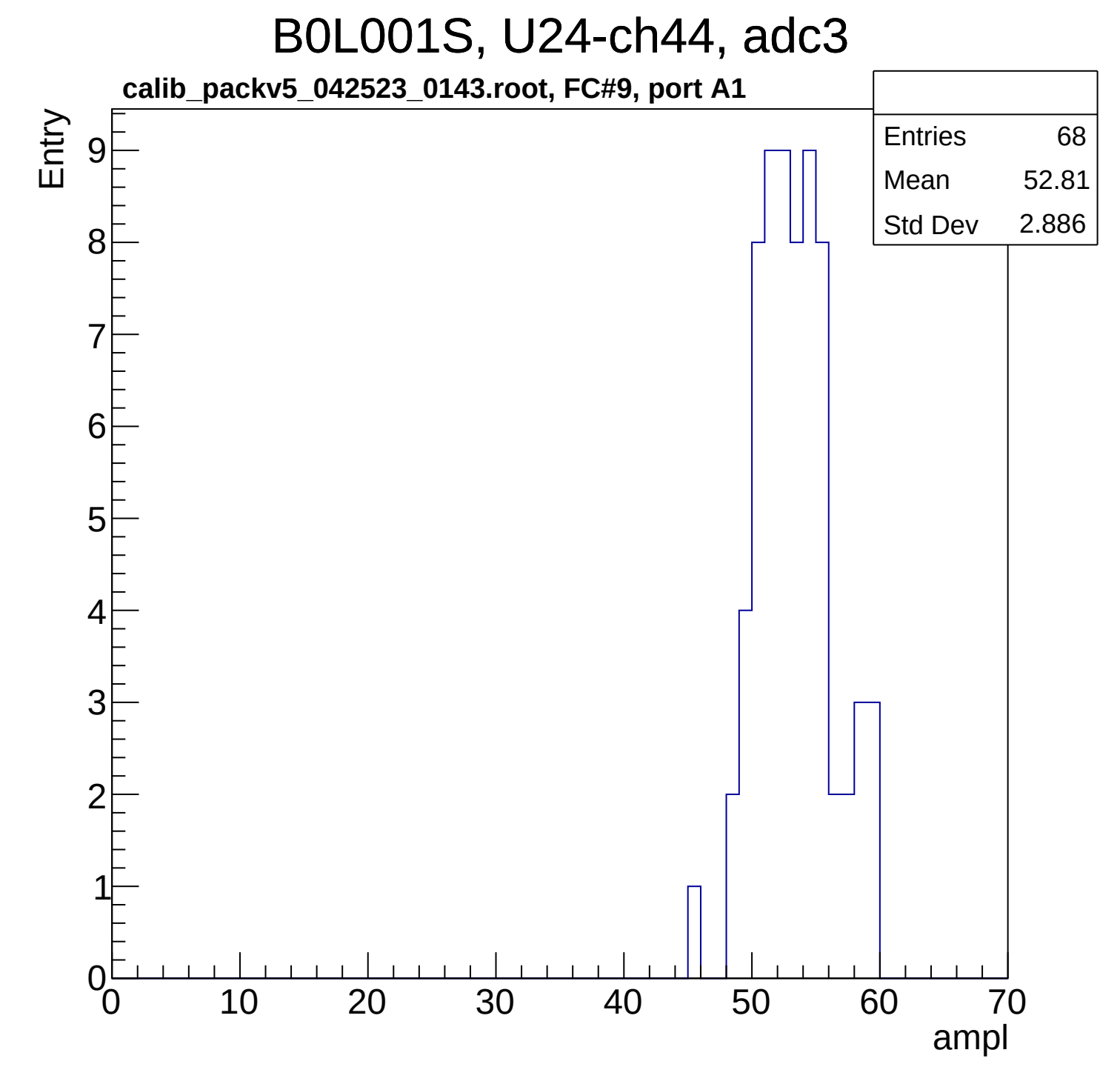

B0L001S, U24-ch43, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 63
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

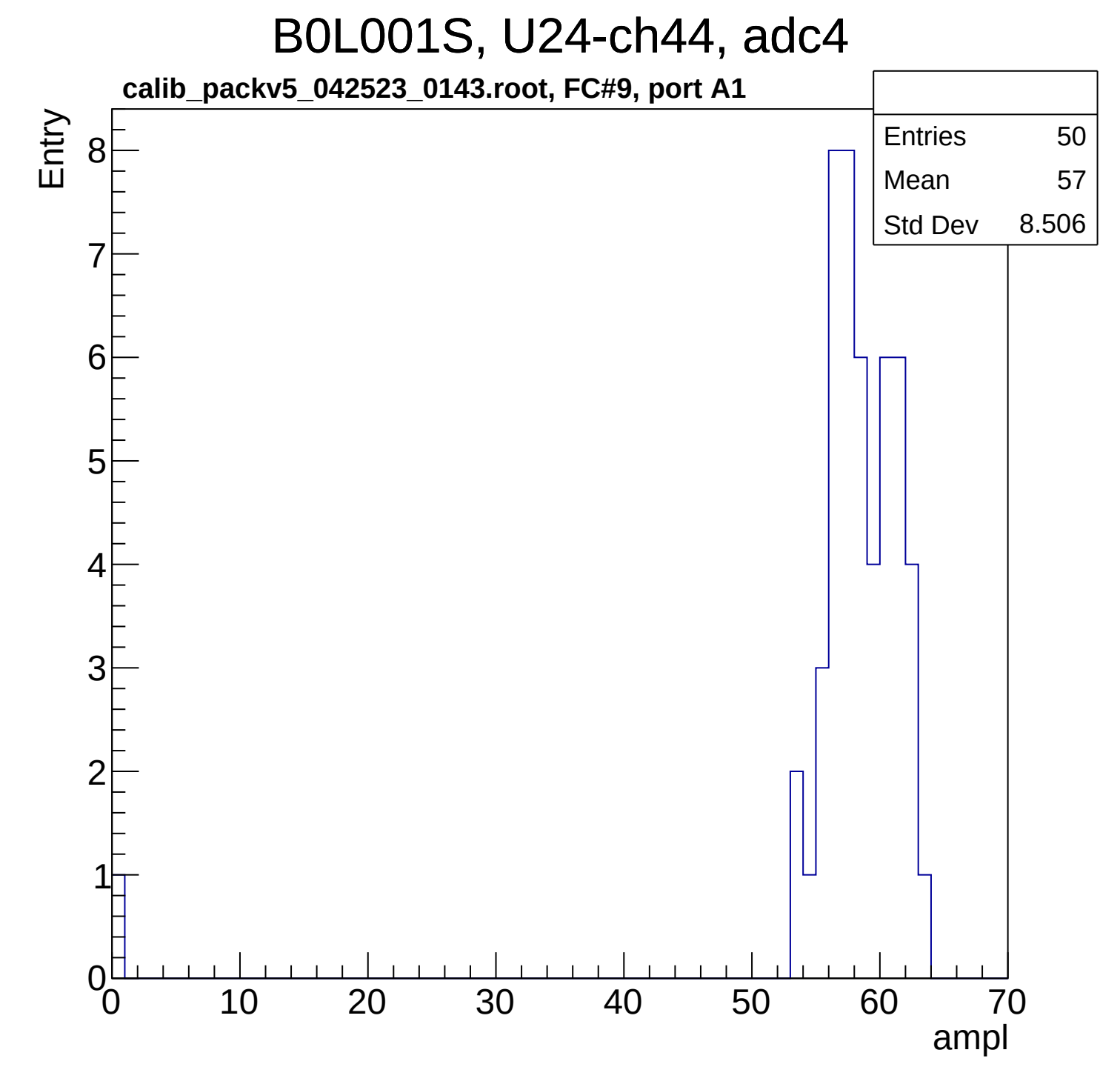

B0L001S, U24-ch43, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

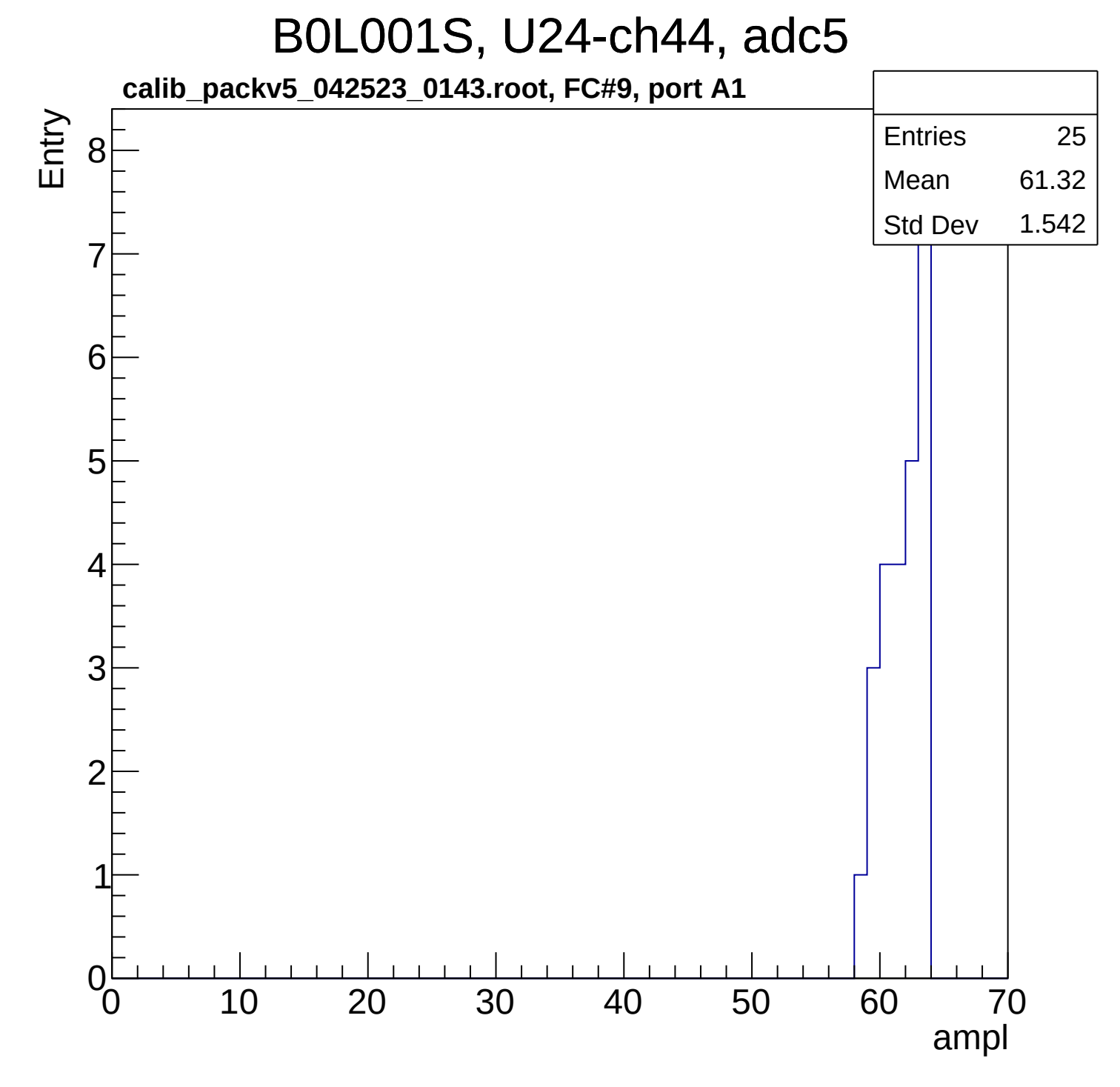

B0L001S, U24-ch44, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 30.48
Std Dev 4.947
Gaus mean : 31.5598
Gaus Width: 3.4702
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

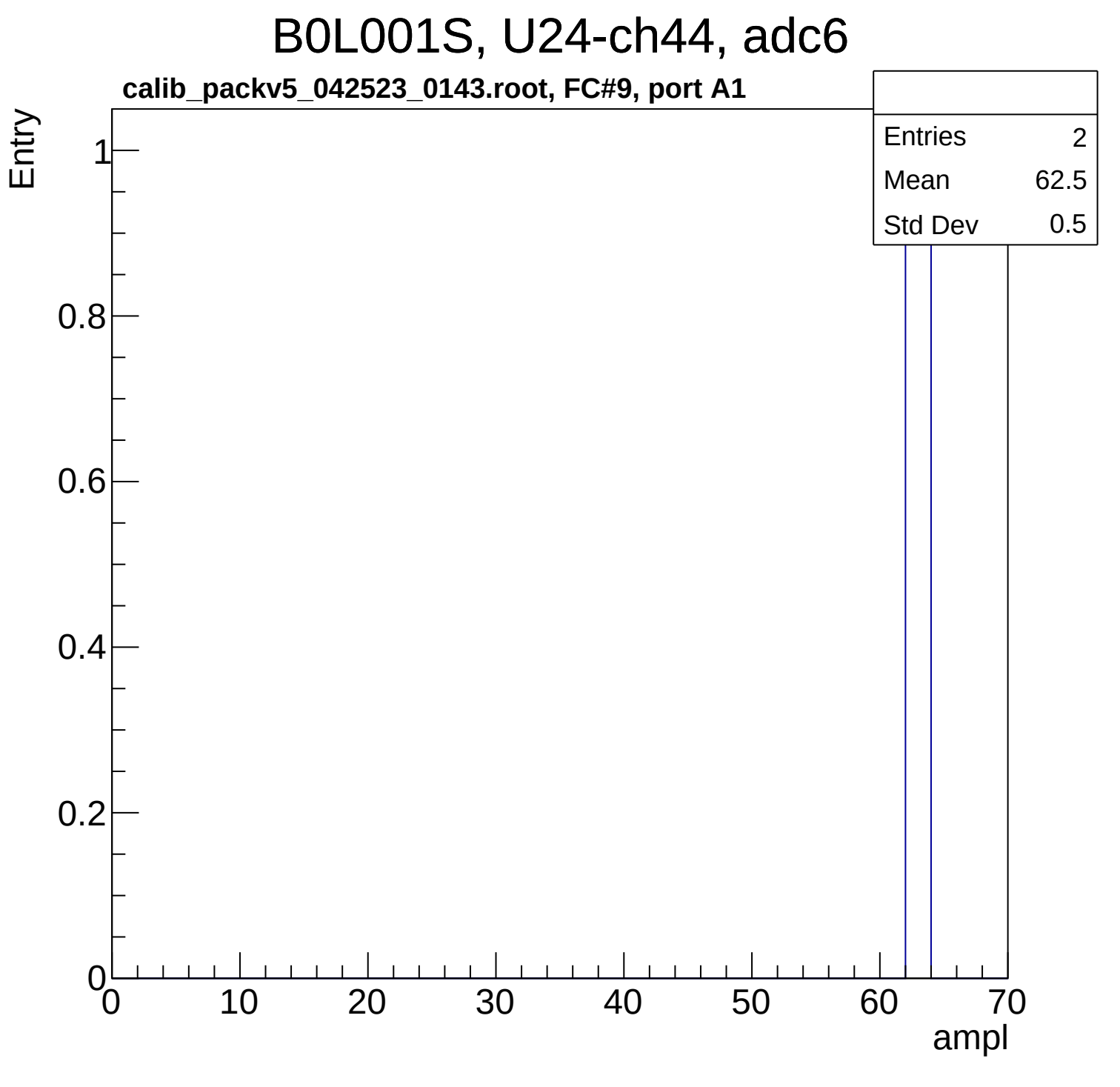

B0L001S, U24-ch44, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 37.98
Std Dev 3.574
Gaus mean : 38.8710
Gaus Width: 3.5154
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

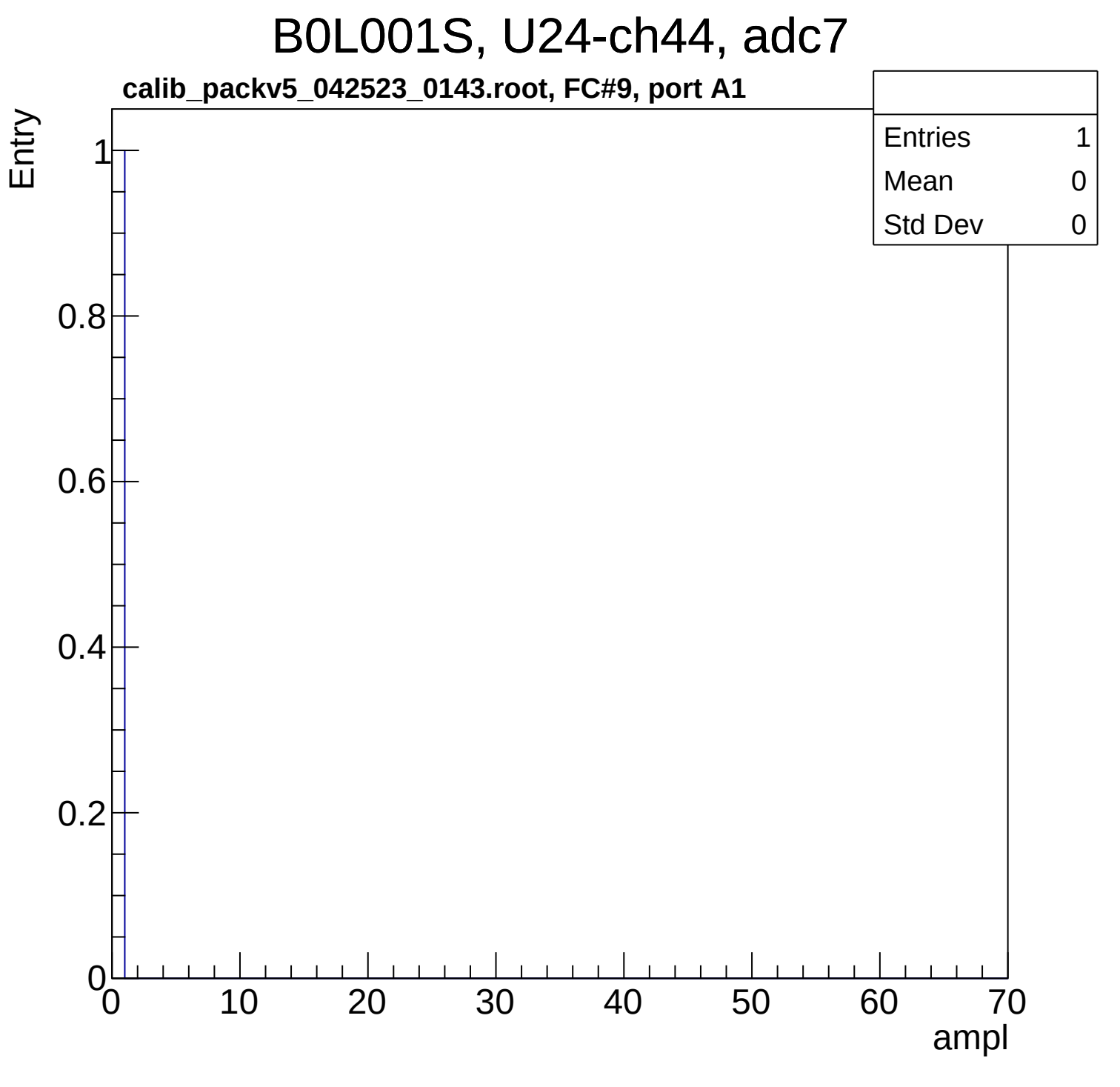

B0L001S, U24-ch44, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 45.66
Std Dev 2.797
Gaus mean : 46.2671
Gaus Width: 2.8350
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch44, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 52.81
Std Dev 2.886
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch44, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 57
Std Dev 8.506
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch44, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 25
Mean 61.32
Std Dev 1.542
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch44, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch44, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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30
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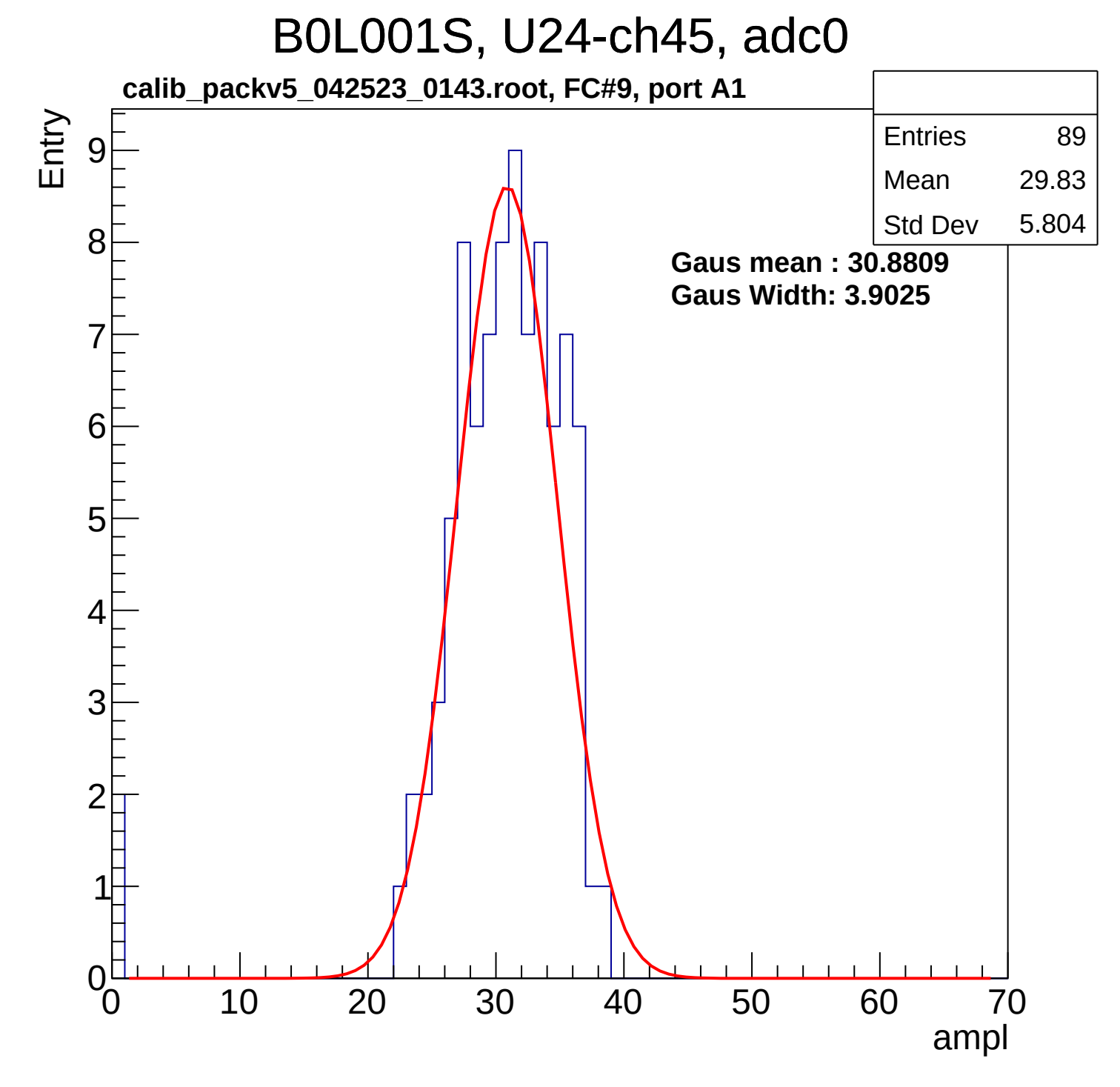
50
60
70
ampl


B0L001S, U24-ch45, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 29.83
Std Dev 5.804
Gaus mean : 30.8809
Gaus Width: 3.9025
Entry
ampl
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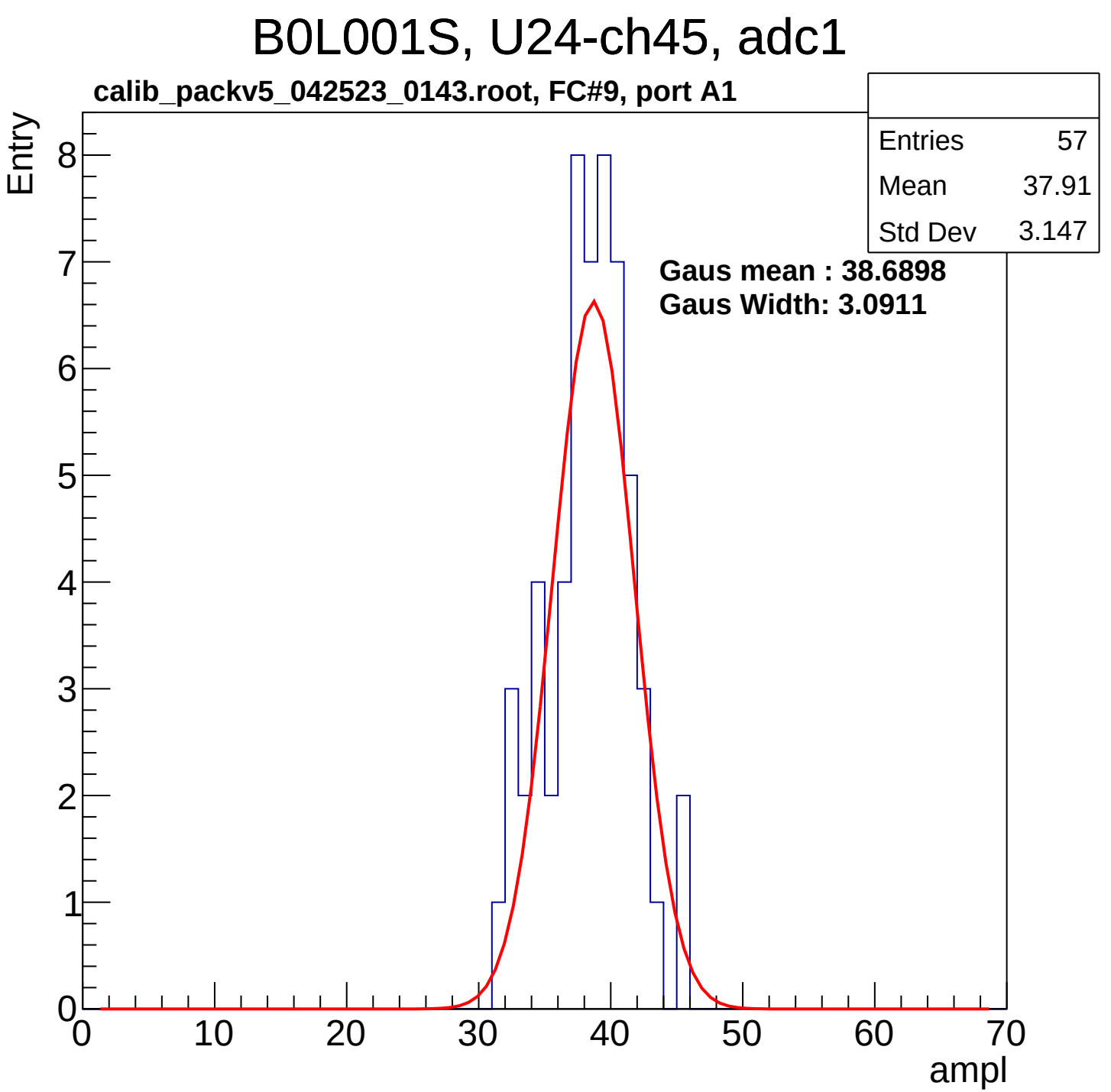
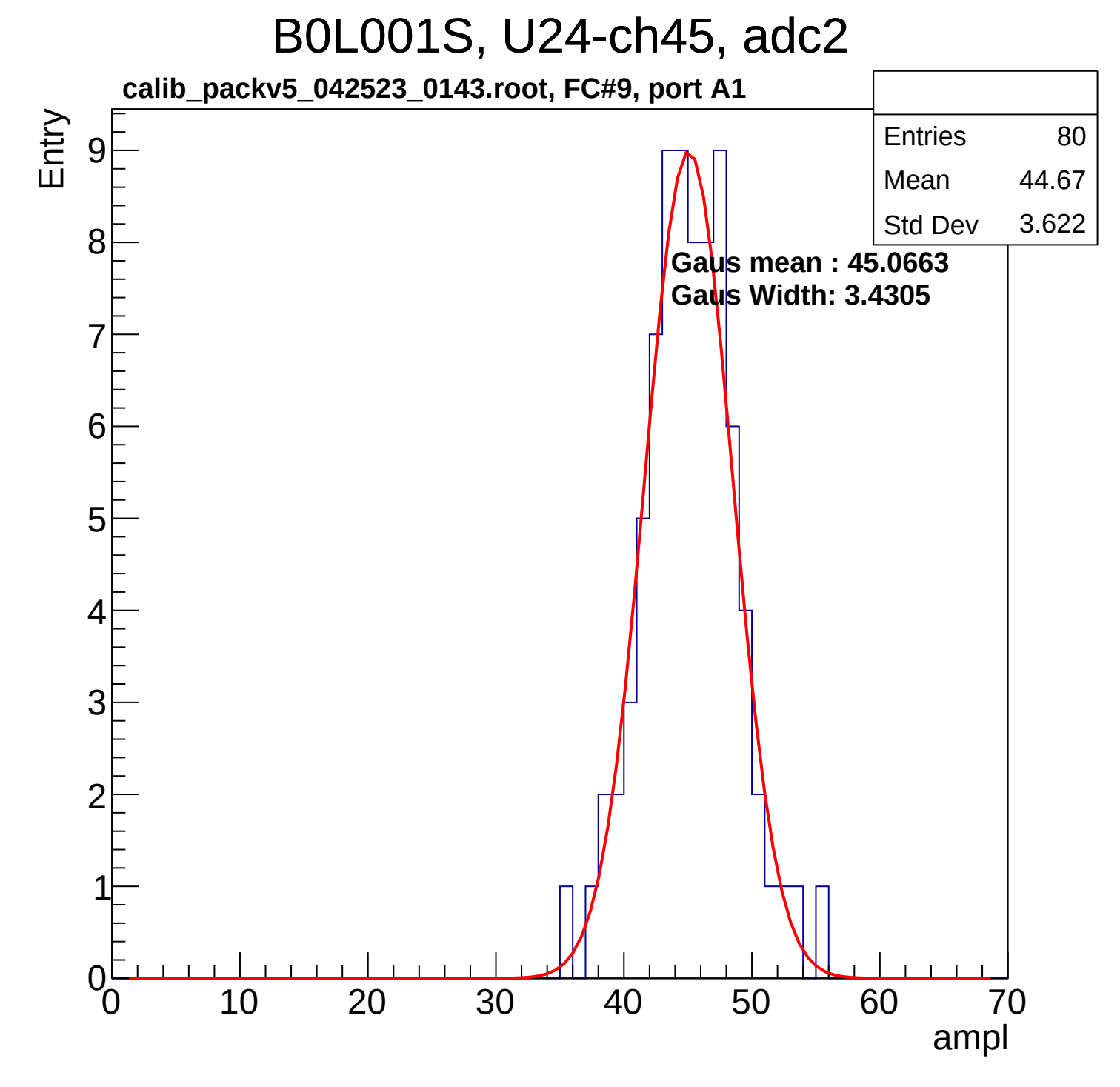
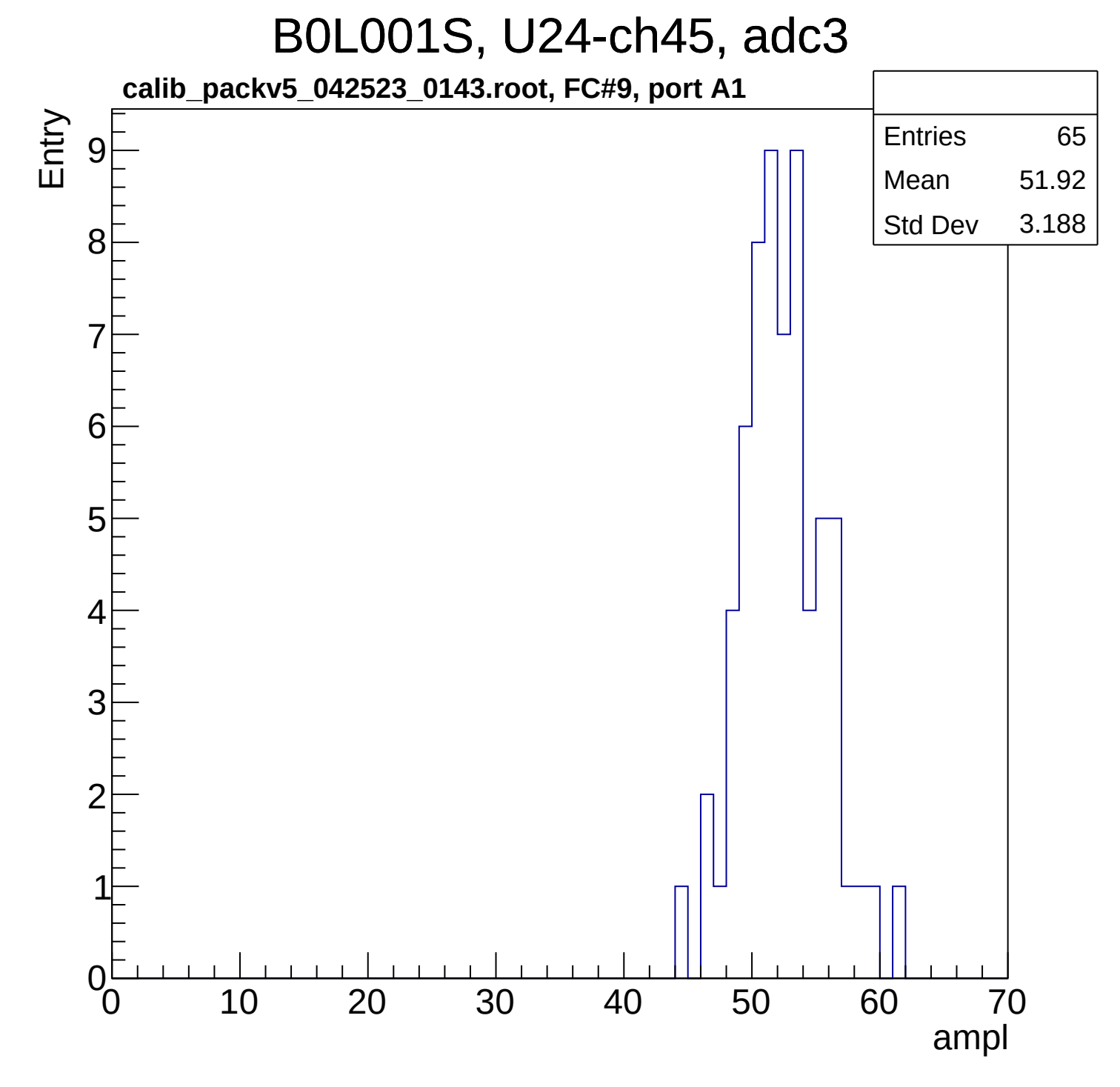
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch45, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 37.91
Std Dev 3.147
Gaus mean : 38.6898
Gaus Width: 3.0911
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch45, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 44.67
Std Dev 3.622
Gaus mean : 45.0663
Gaus Width: 3.4305
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch45, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 51.92
Std Dev 3.188
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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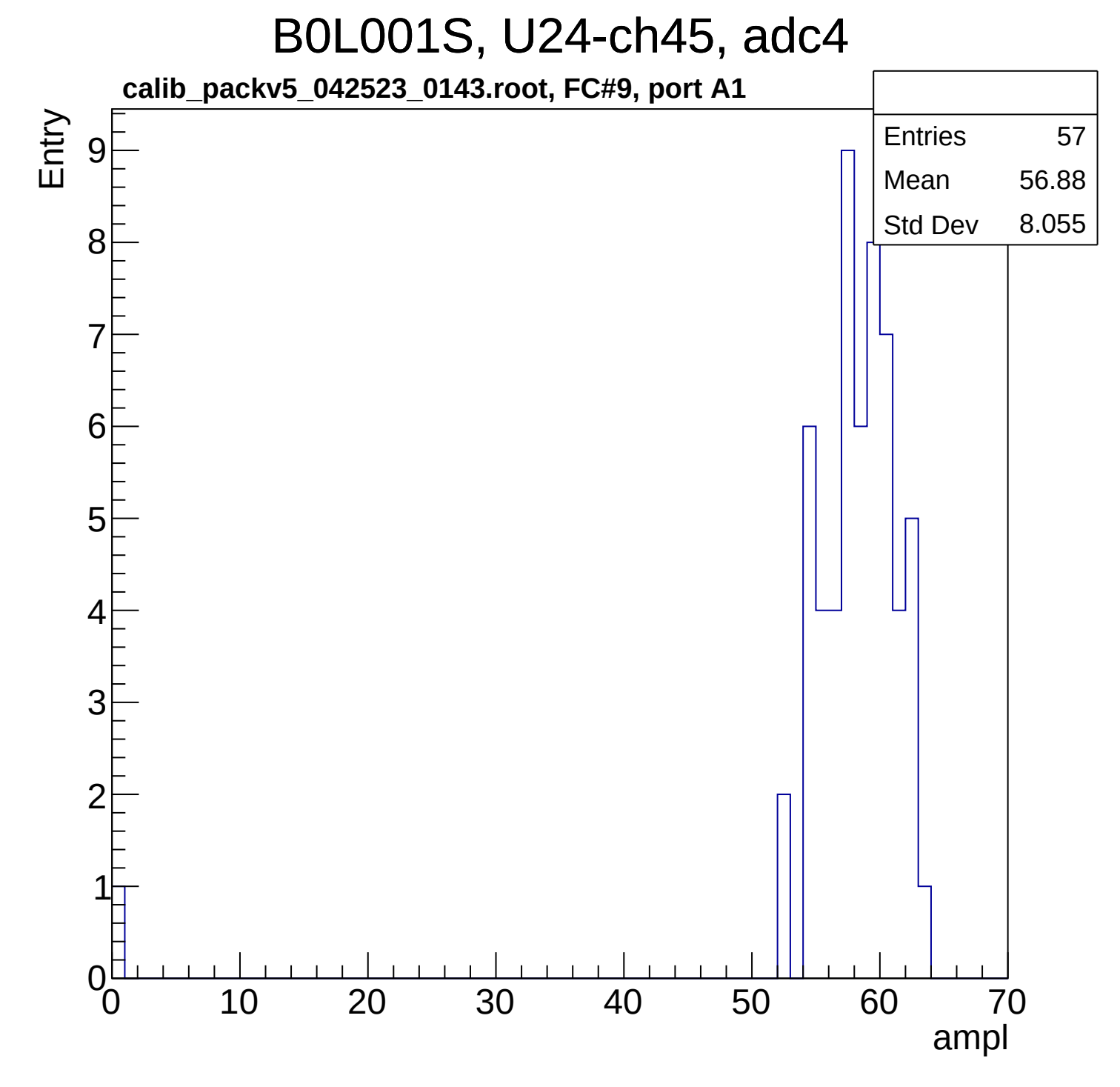
60
70


B0L001S, U24-ch45, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.88
Std Dev 8.055
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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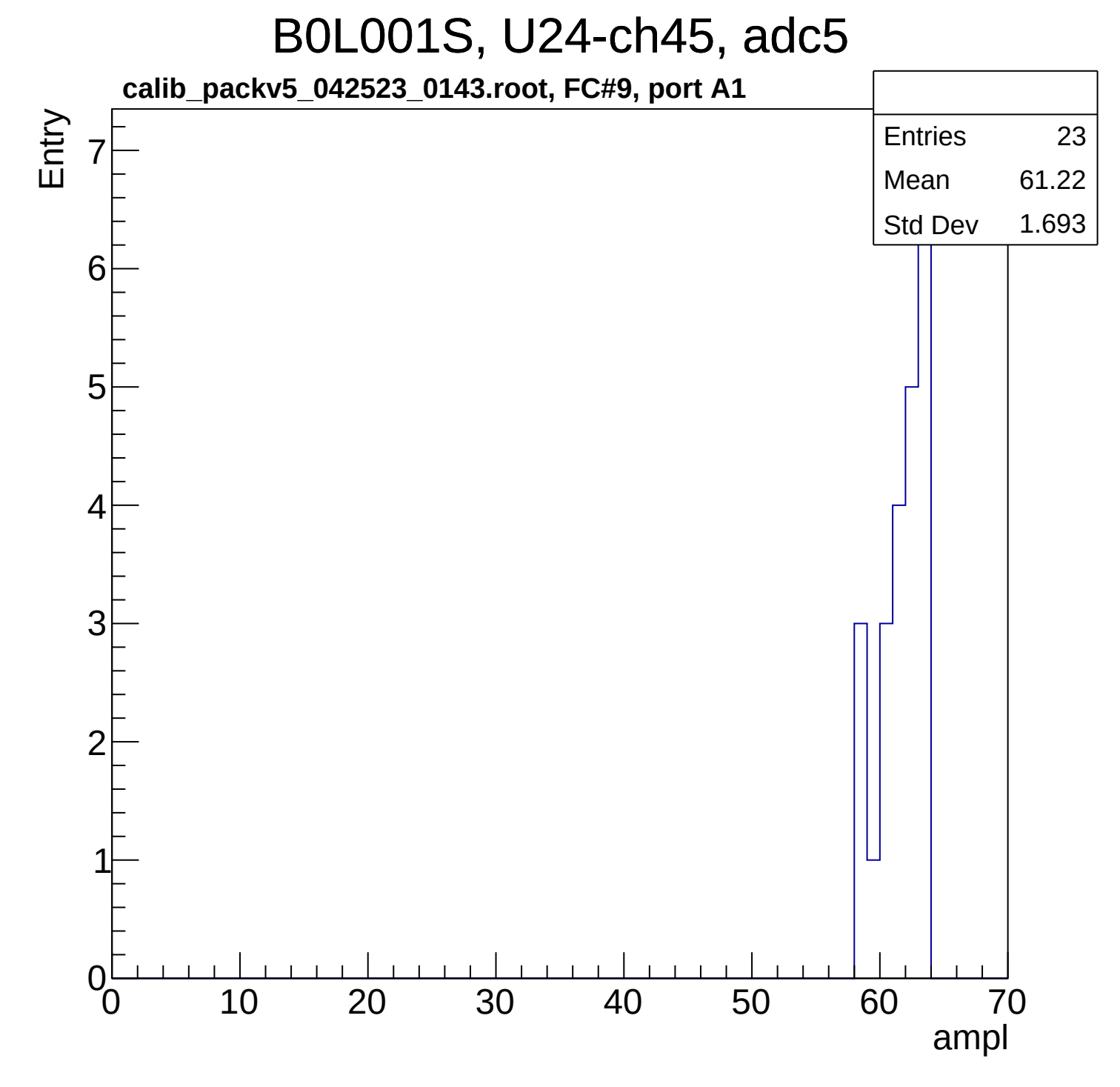
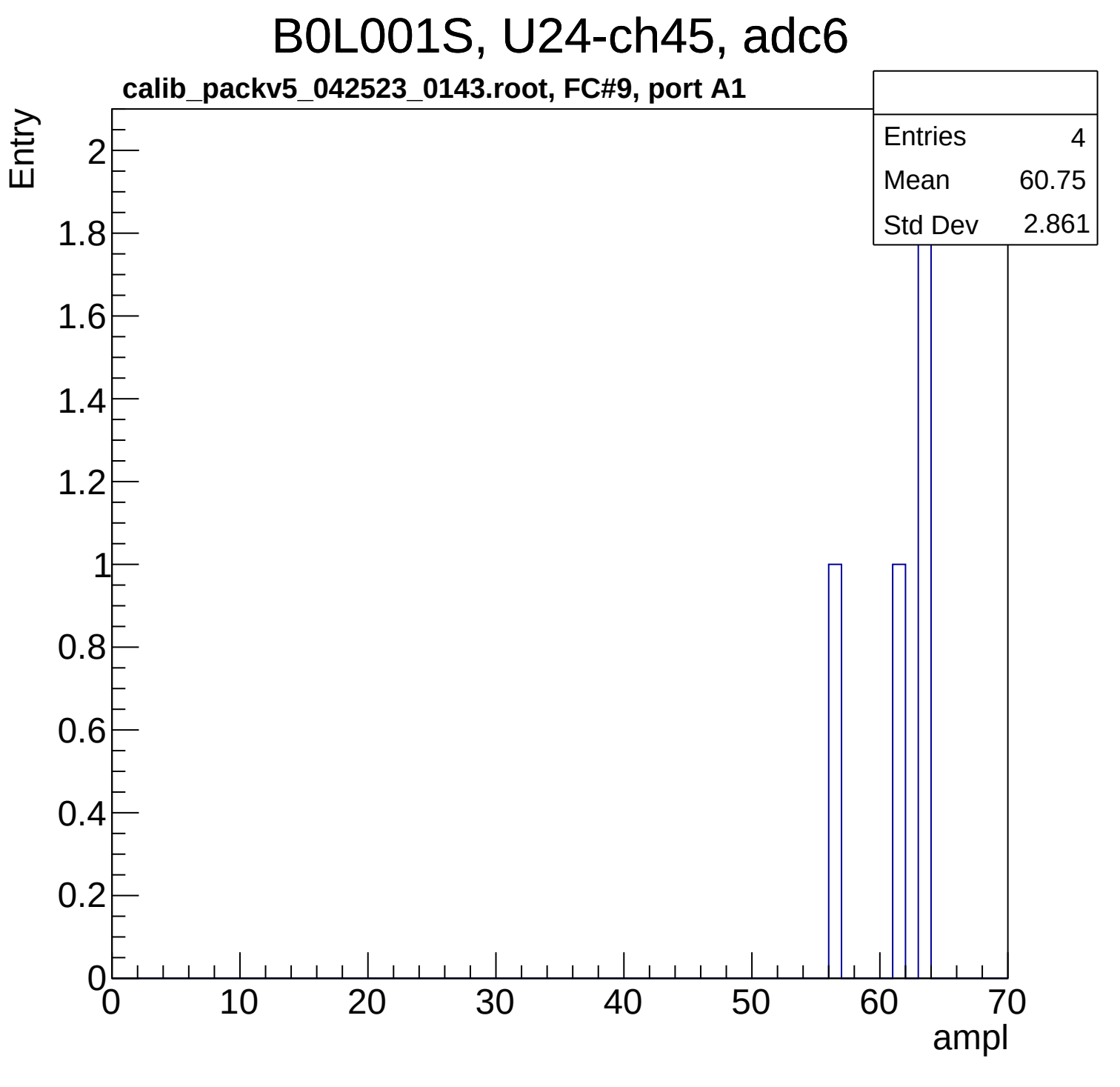
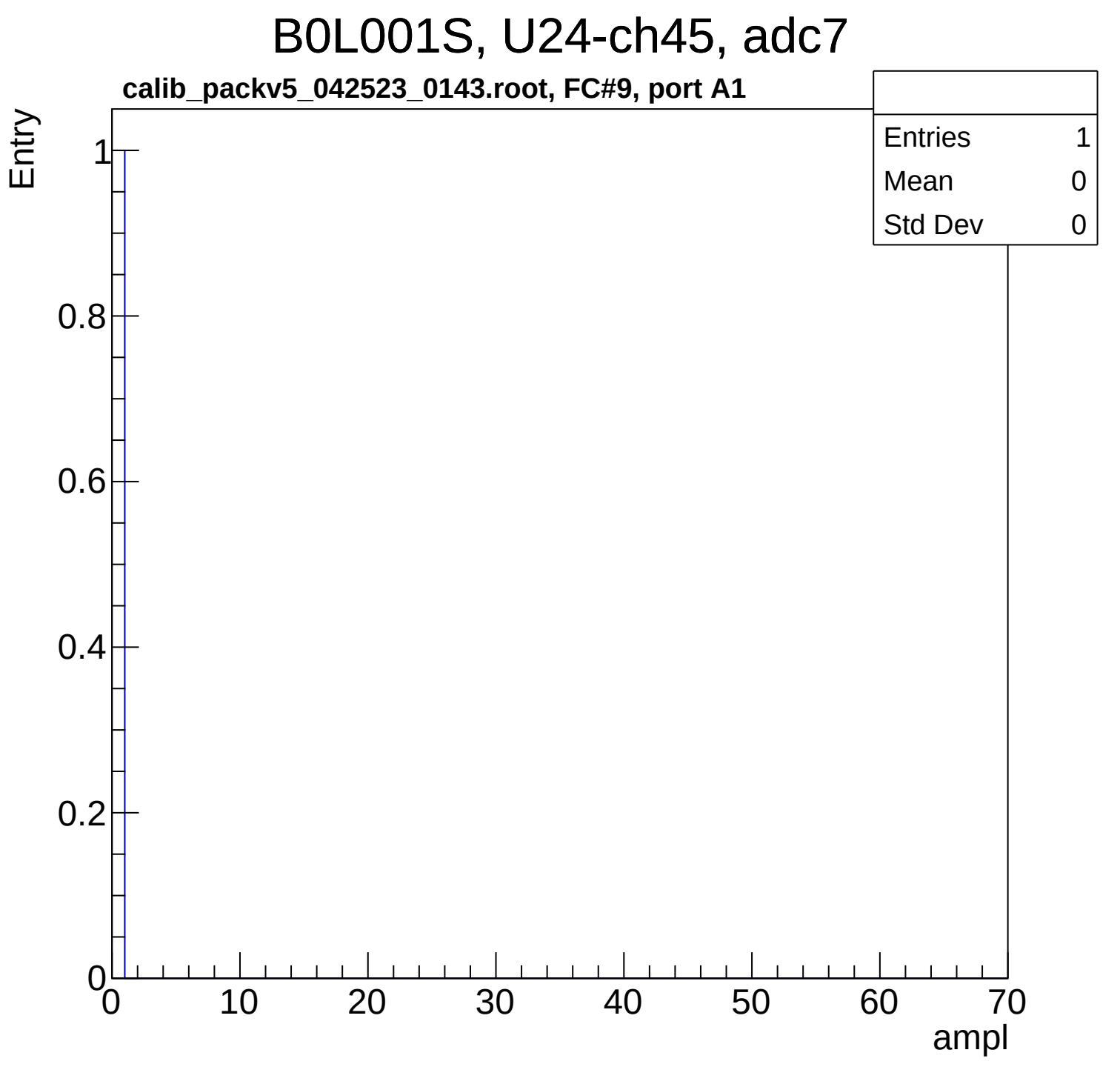
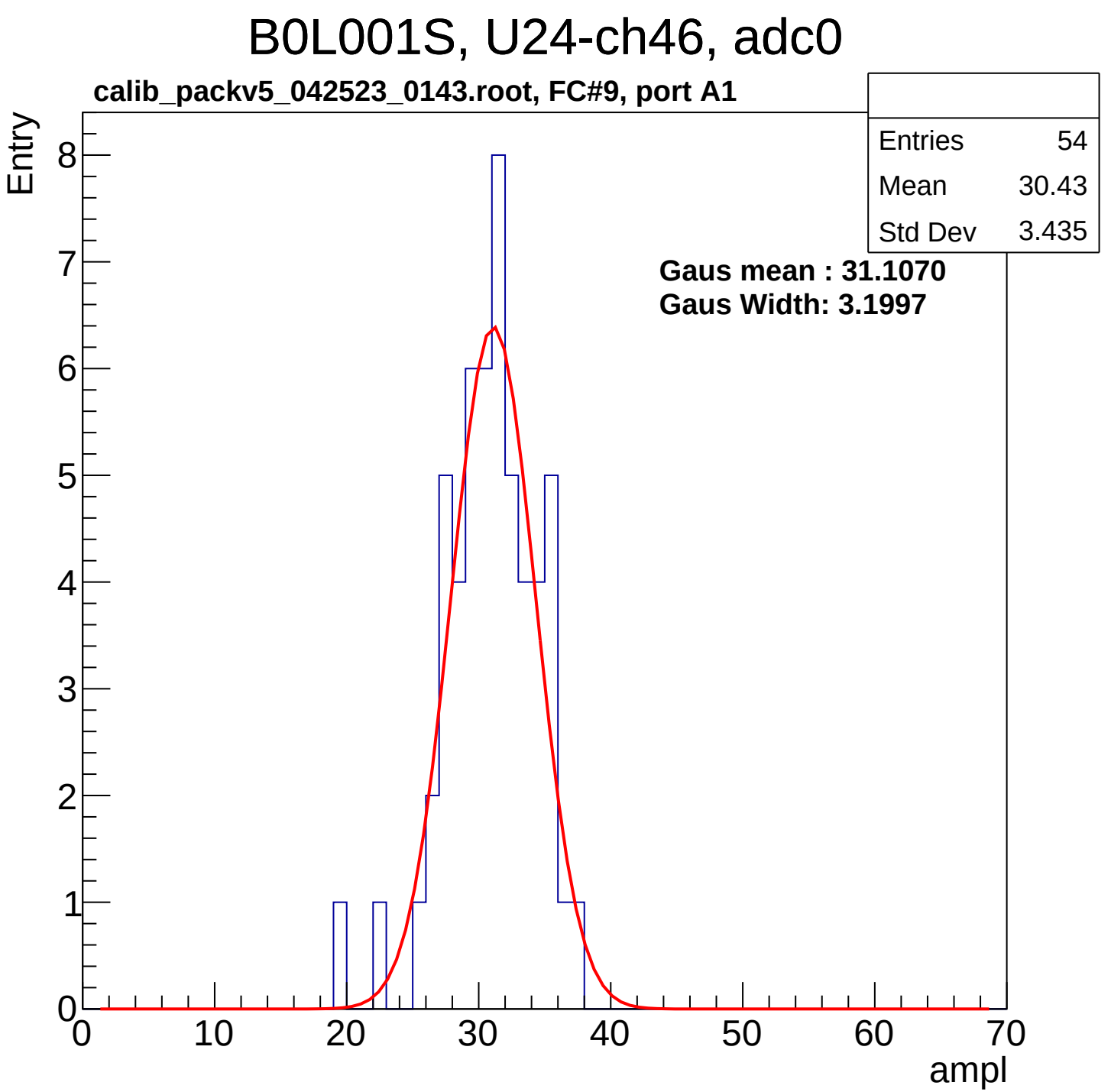
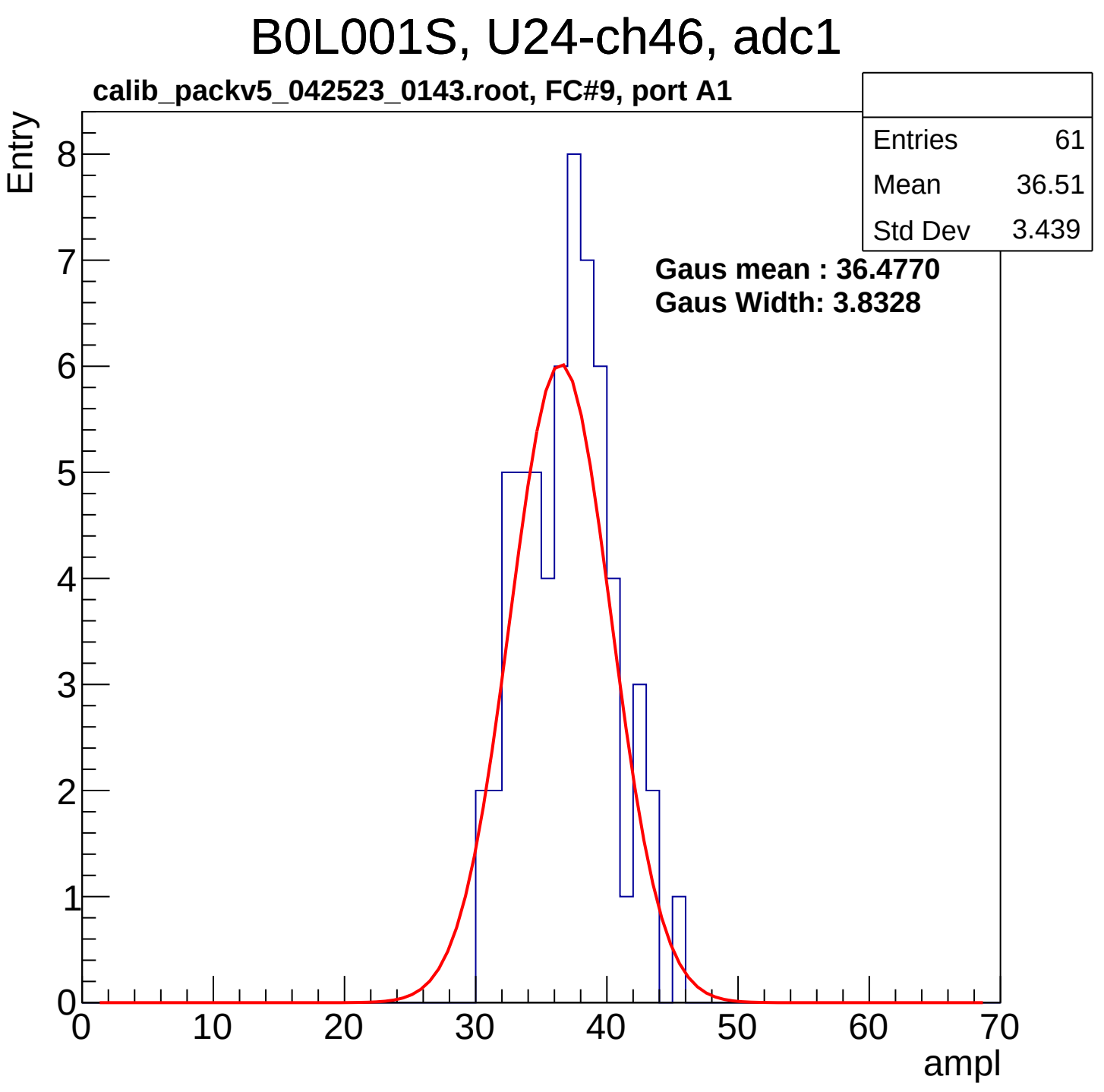
20
30
40
50
60
70

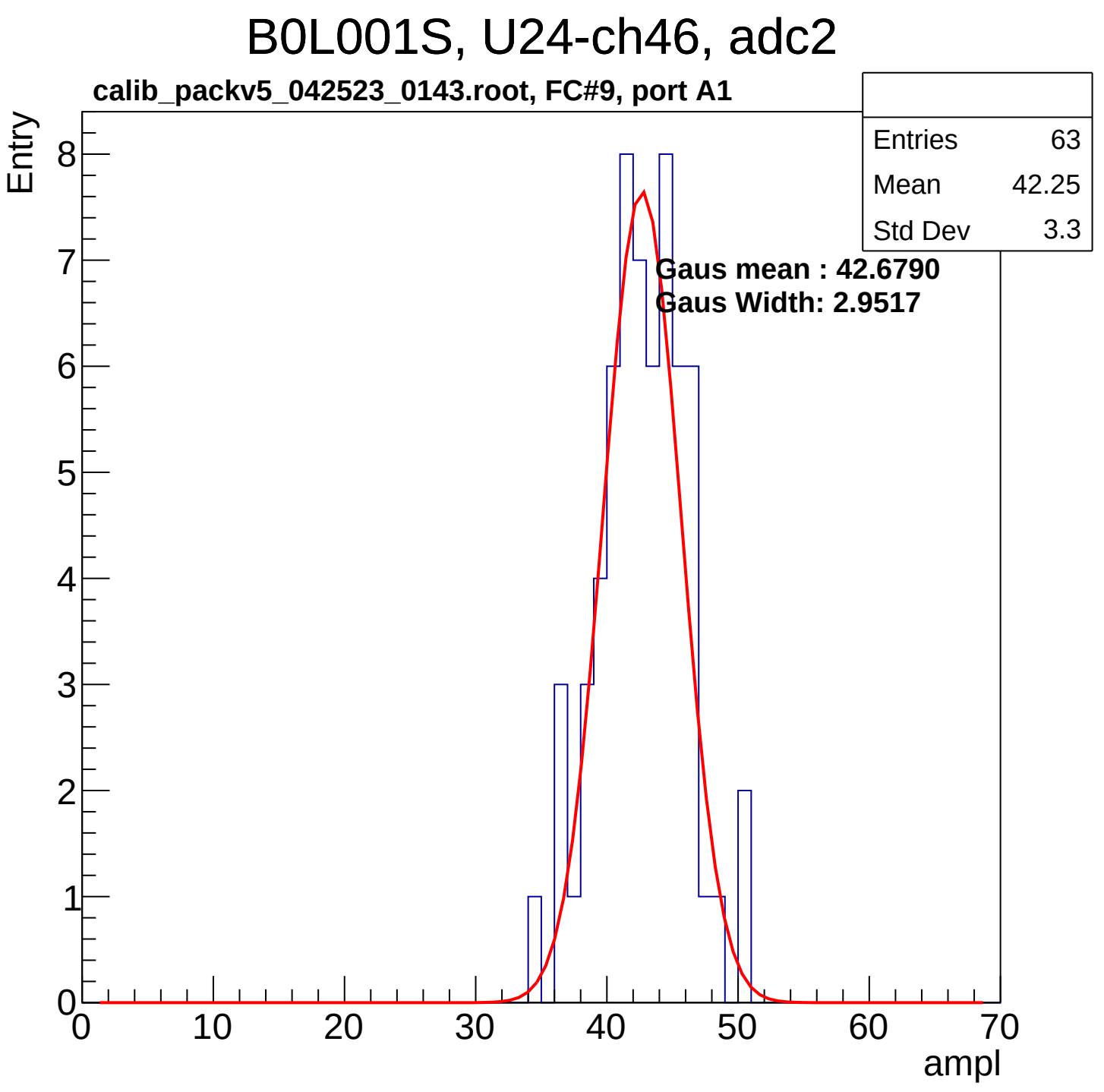

B0L001S, U24-ch45, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 23
Mean 61.22
Std Dev 1.693
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch45, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 60.75
Std Dev 2.861
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch45, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch46, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 30.43
Std Dev 3.435
Gaus mean : 31.1070
Gaus Width: 3.1997
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch46, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 36.51
Std Dev 3.439
Gaus mean : 36.4770
Gaus Width: 3.8328
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch46, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 42.25
Std Dev 3.3
Gaus mean : 42.6790
Gaus Width: 2.9517
Entry
ampl
0
1
2
3
4
5
6
7
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10
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60
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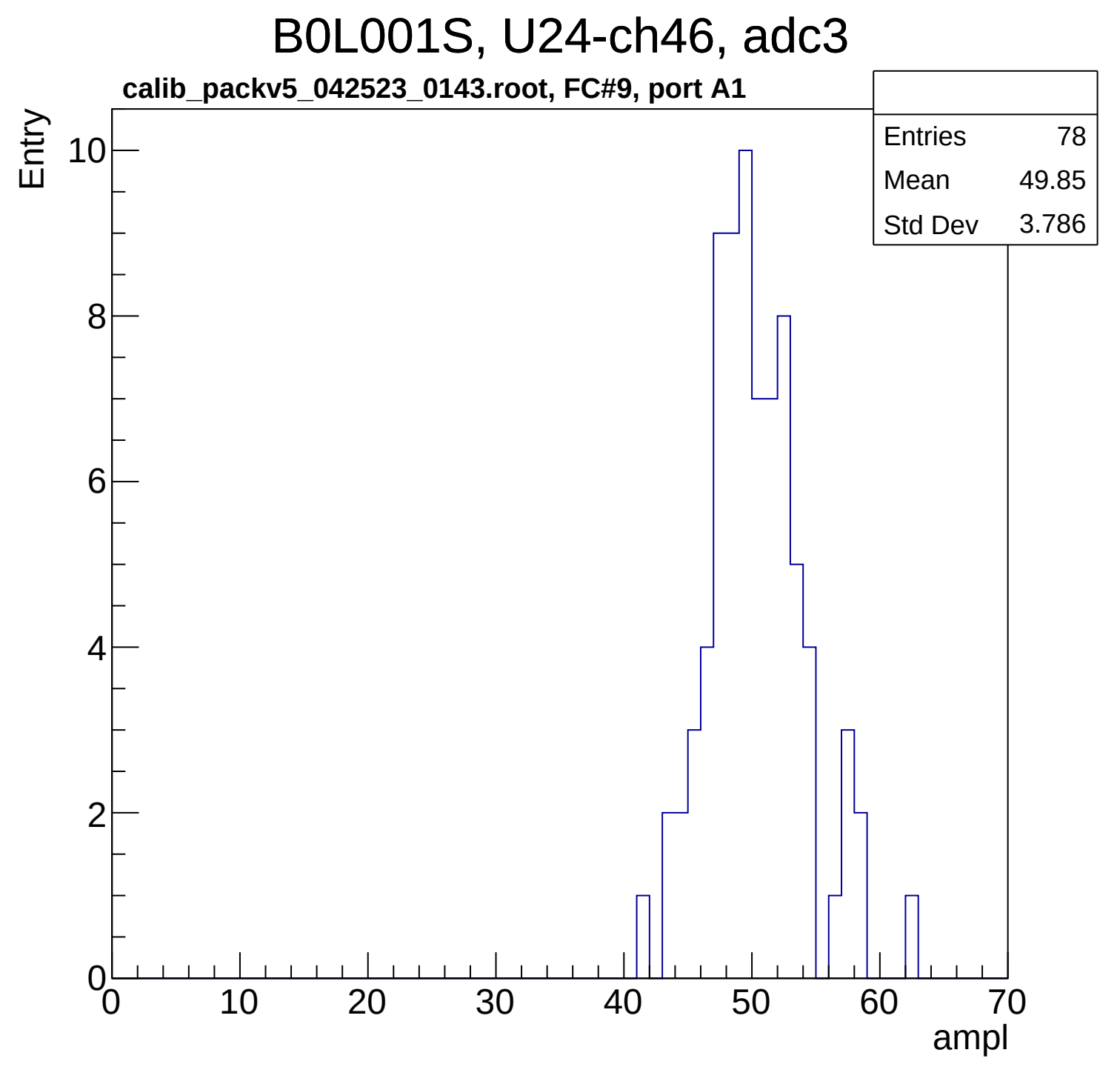
B0L001S, U24-ch46, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 49.85
Std Dev 3.786
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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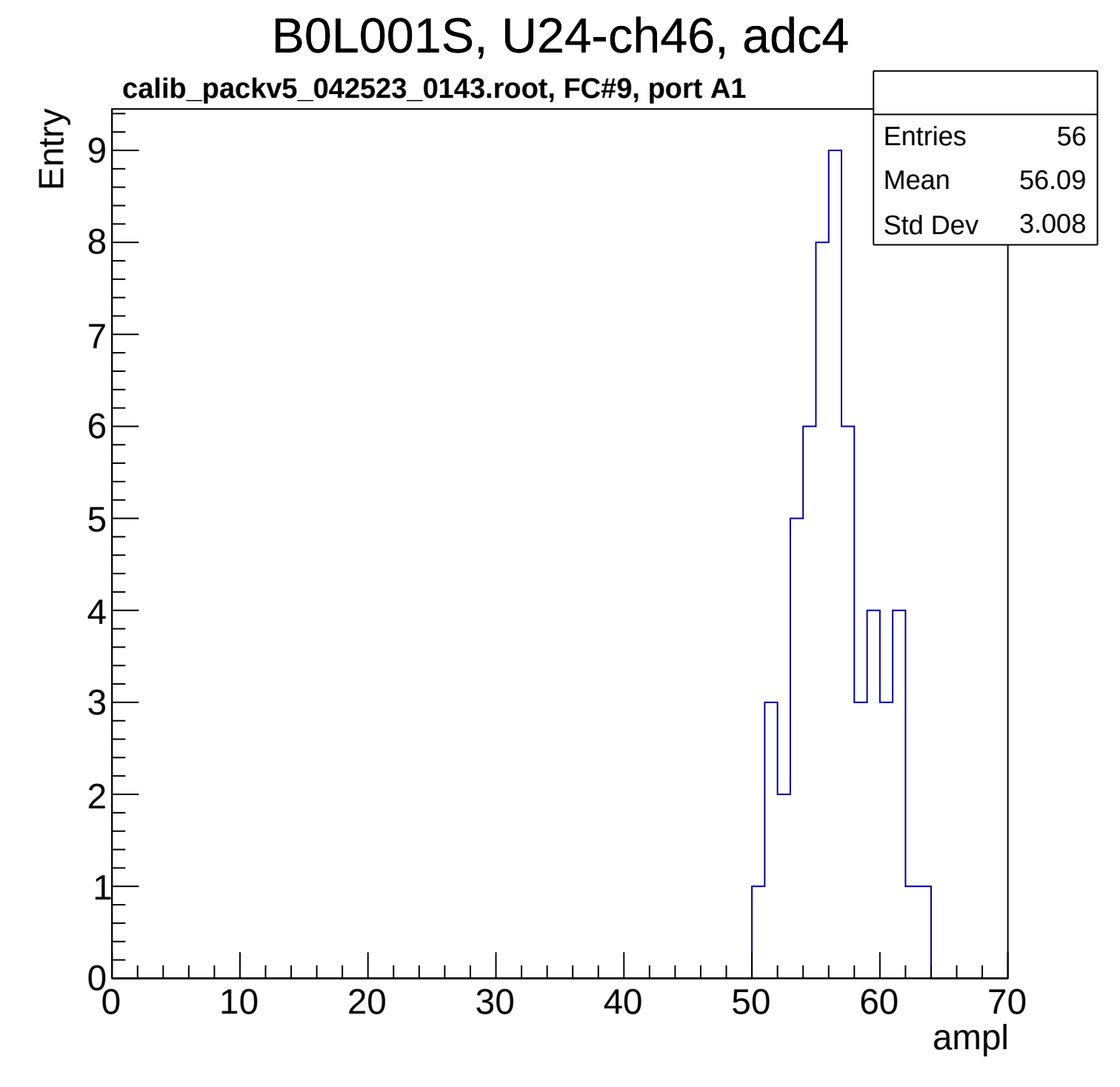
B0L001S, U24-ch46, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 56.09
Std Dev 3.008
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
50
60
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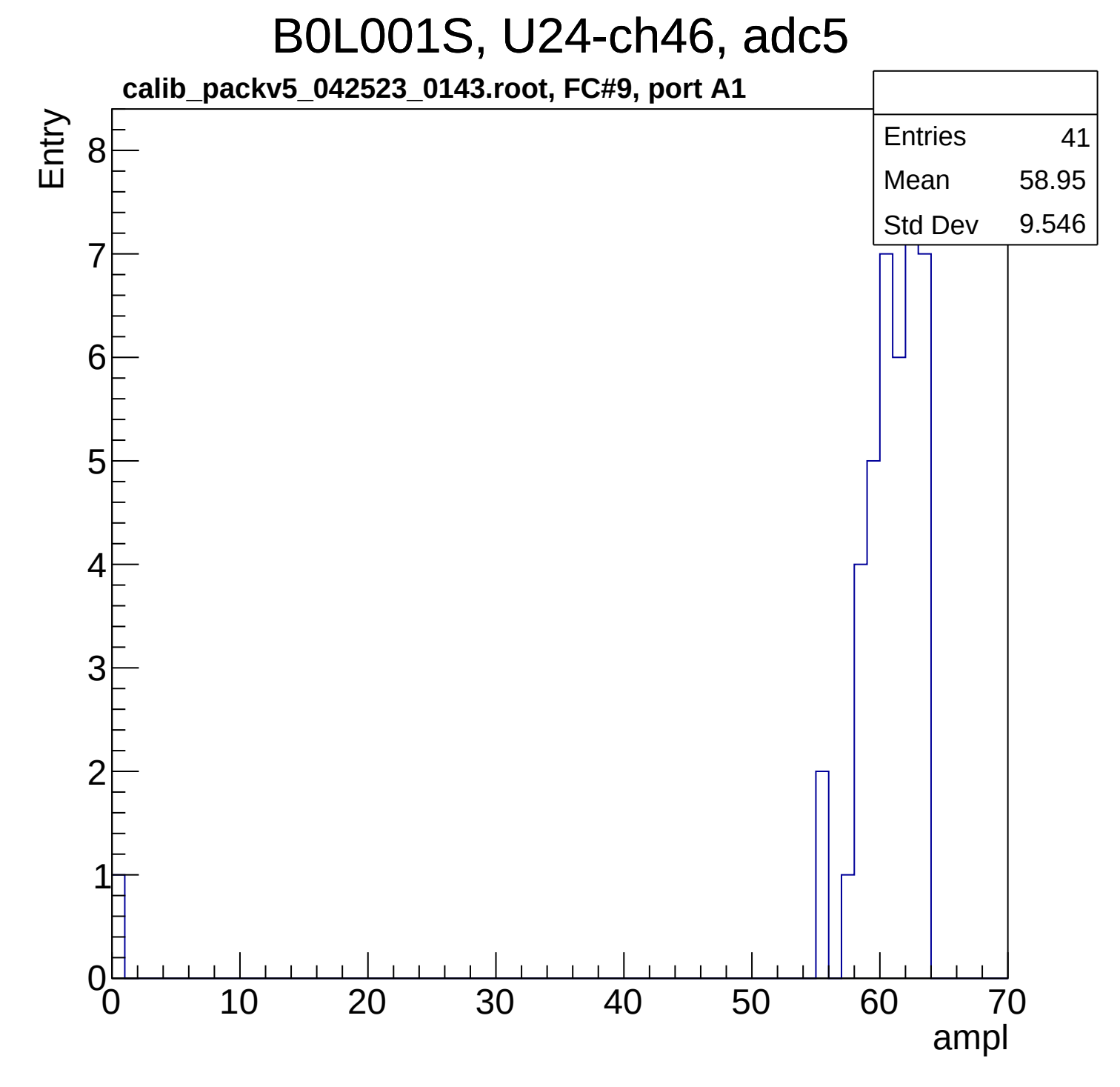
B0L001S, U24-ch46, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 58.95
Std Dev 9.546
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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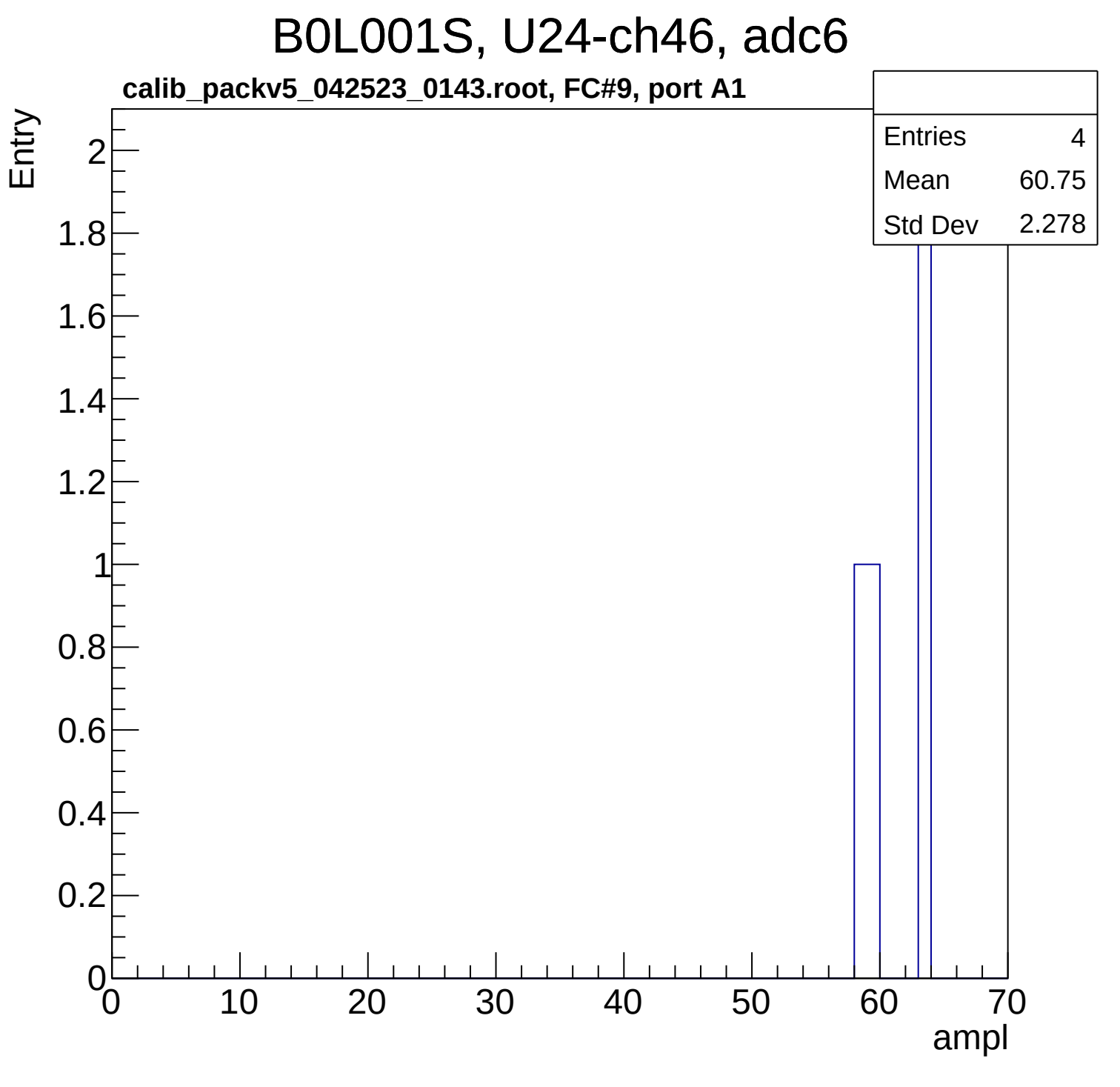
B0L001S, U24-ch46, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 60.75
Std Dev 2.278
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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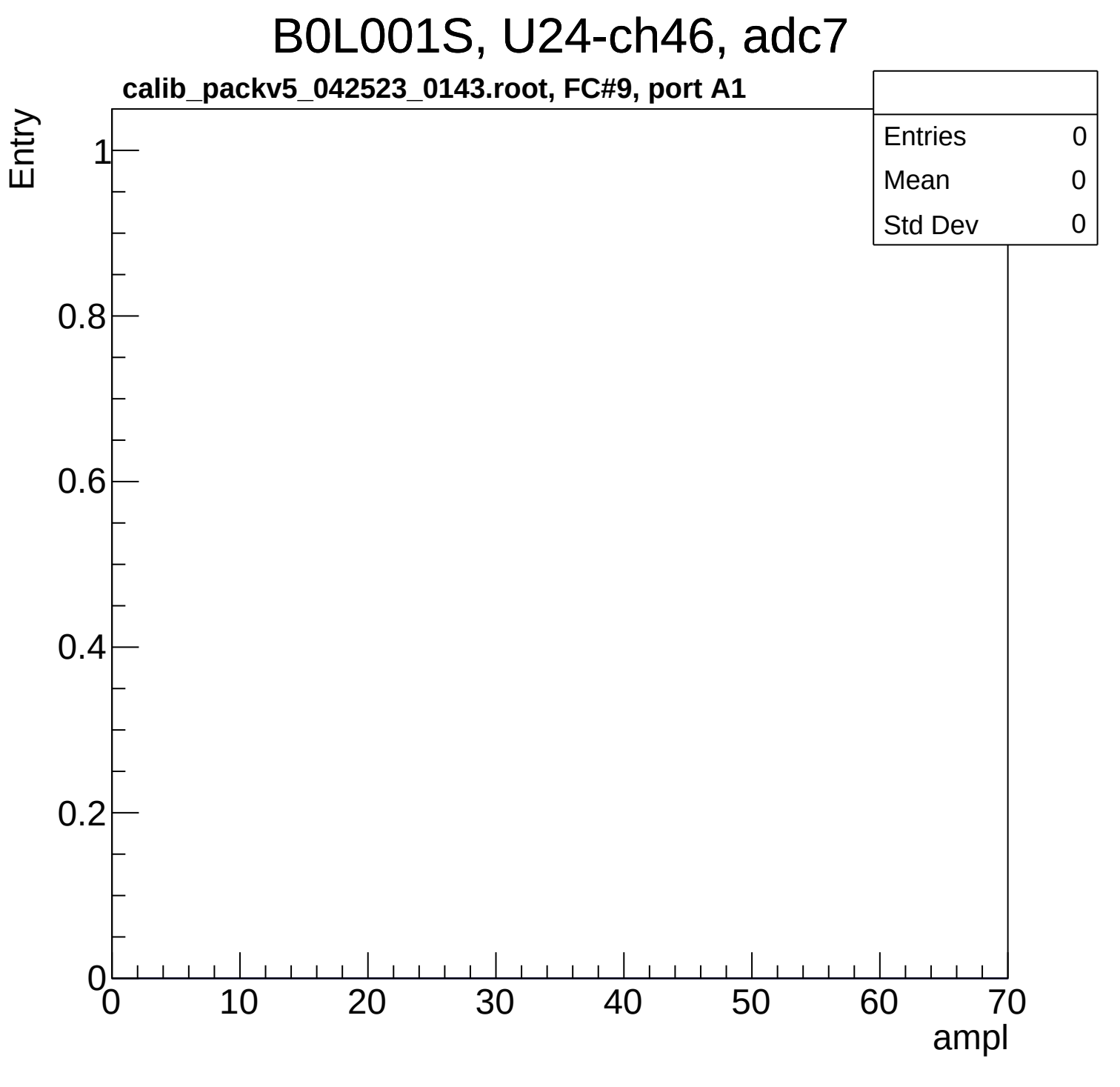
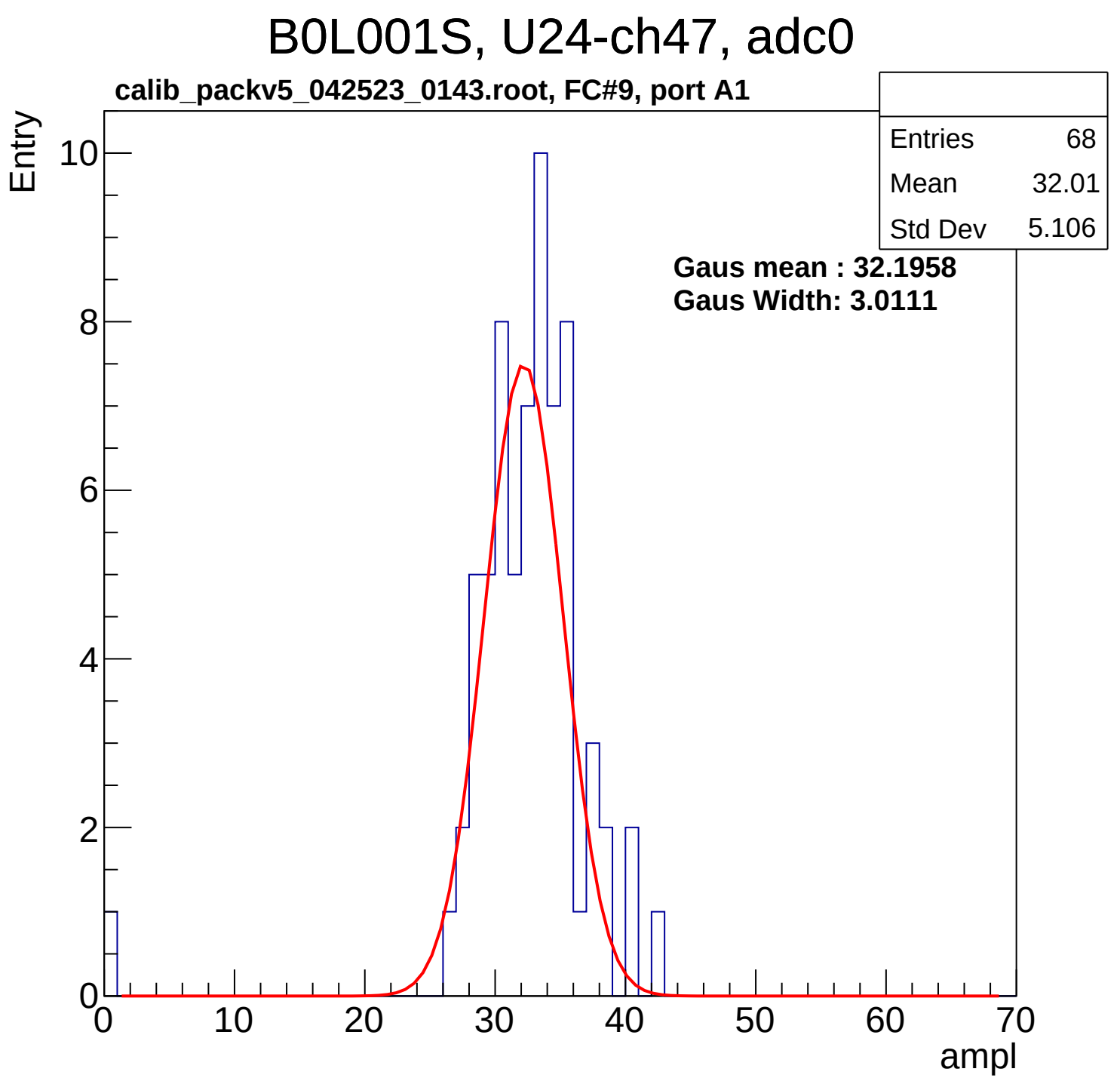
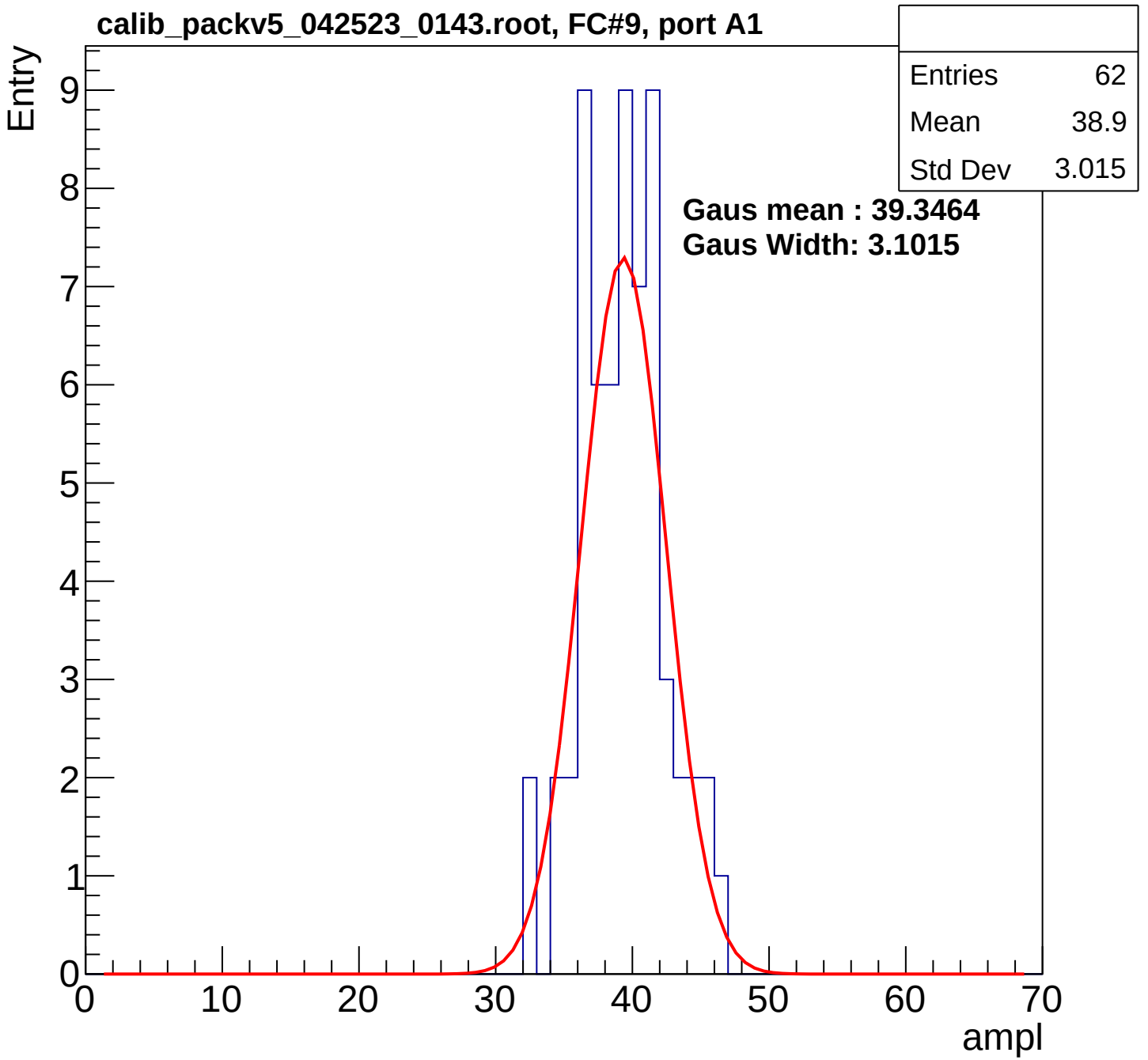
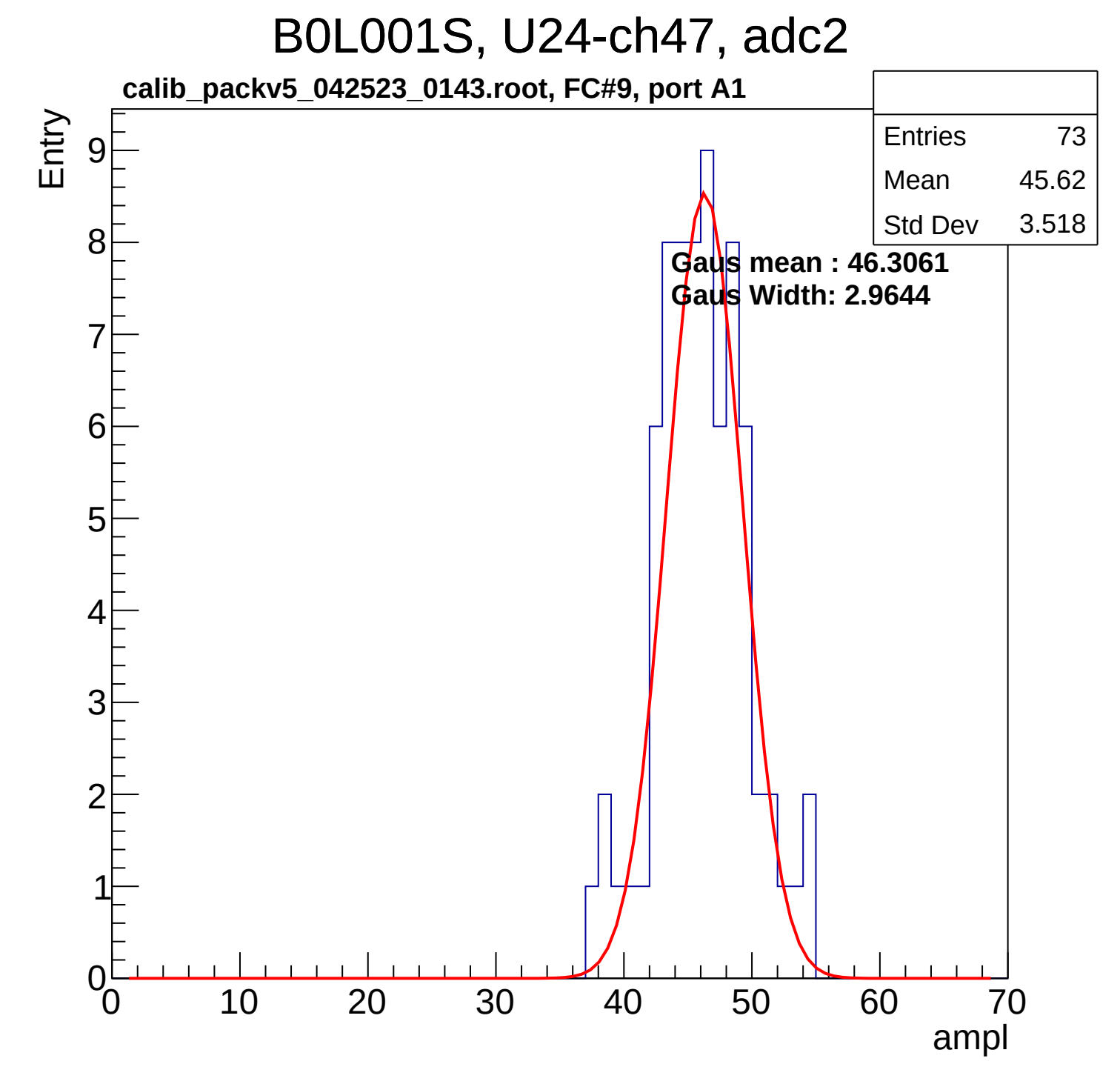

B0L001S, U24-ch46, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch47, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 32.01
Std Dev 5.106
Gaus mean : 32.1958
Gaus Width: 3.0111
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch47, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 38.9
Std Dev 3.015
Gaus mean : 39.3464
Gaus Width: 3.1015
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch47, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 45.62
Std Dev 3.518
Gaus mean : 46.3061
Gaus Width: 2.9644
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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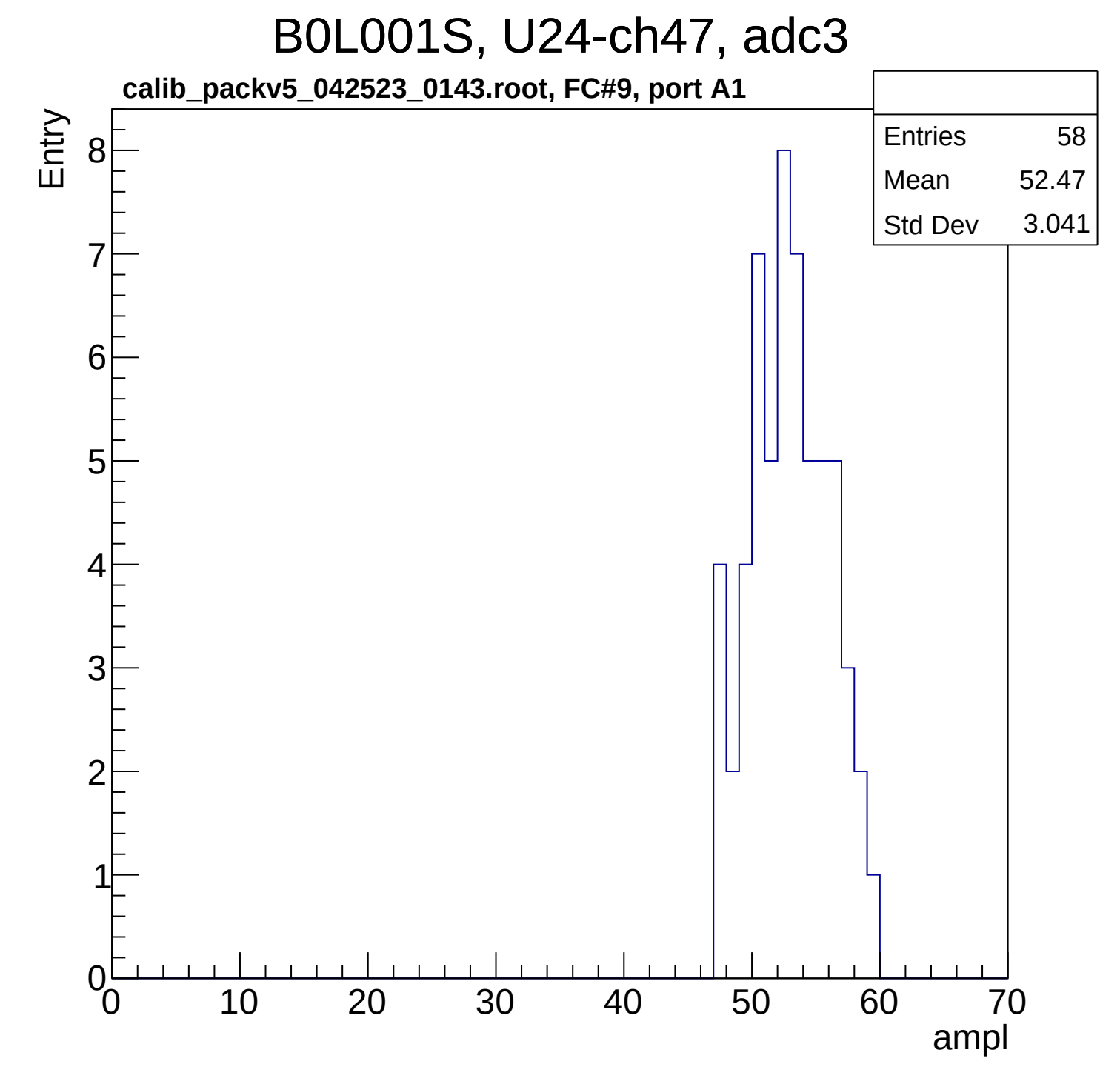
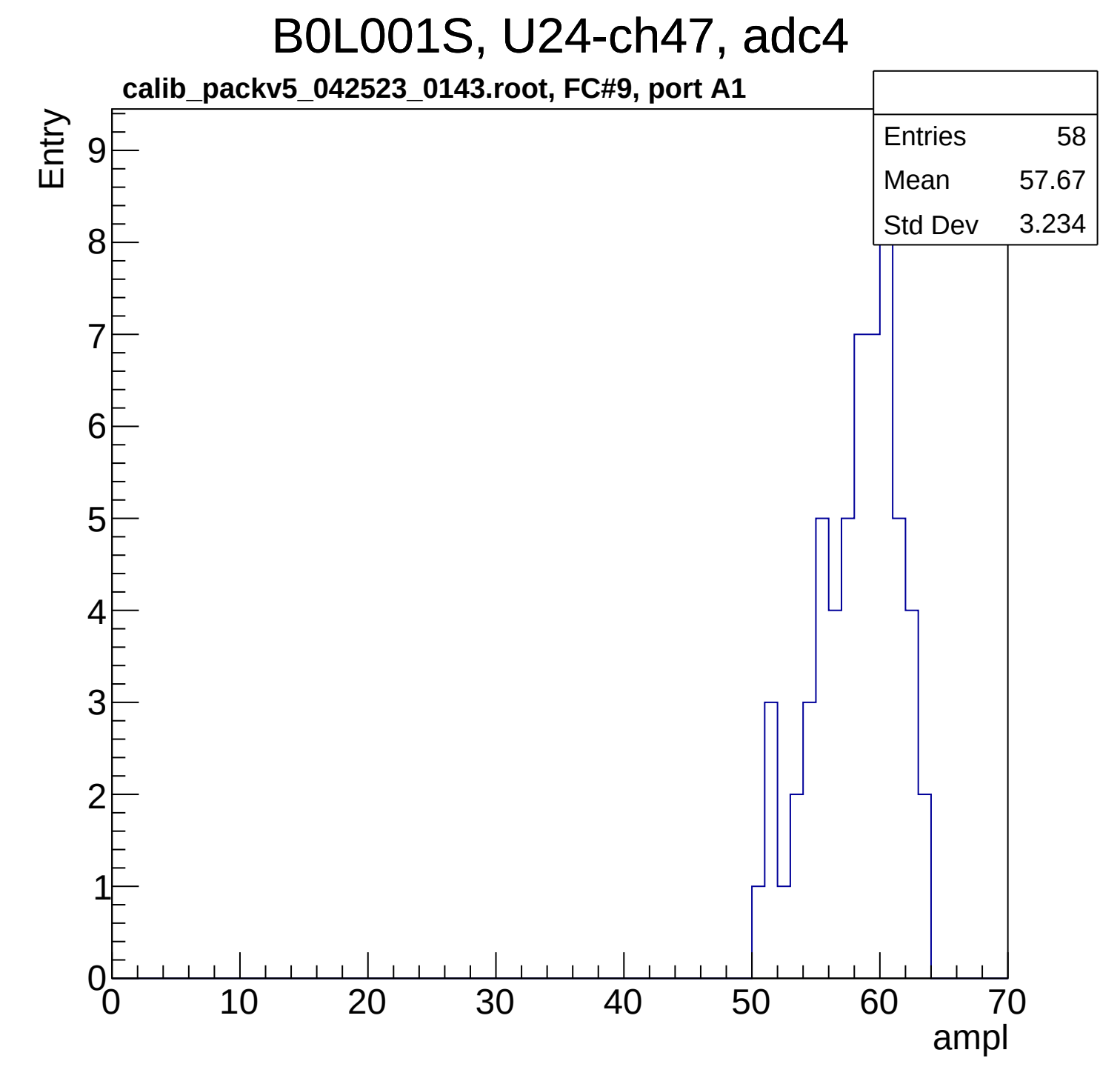
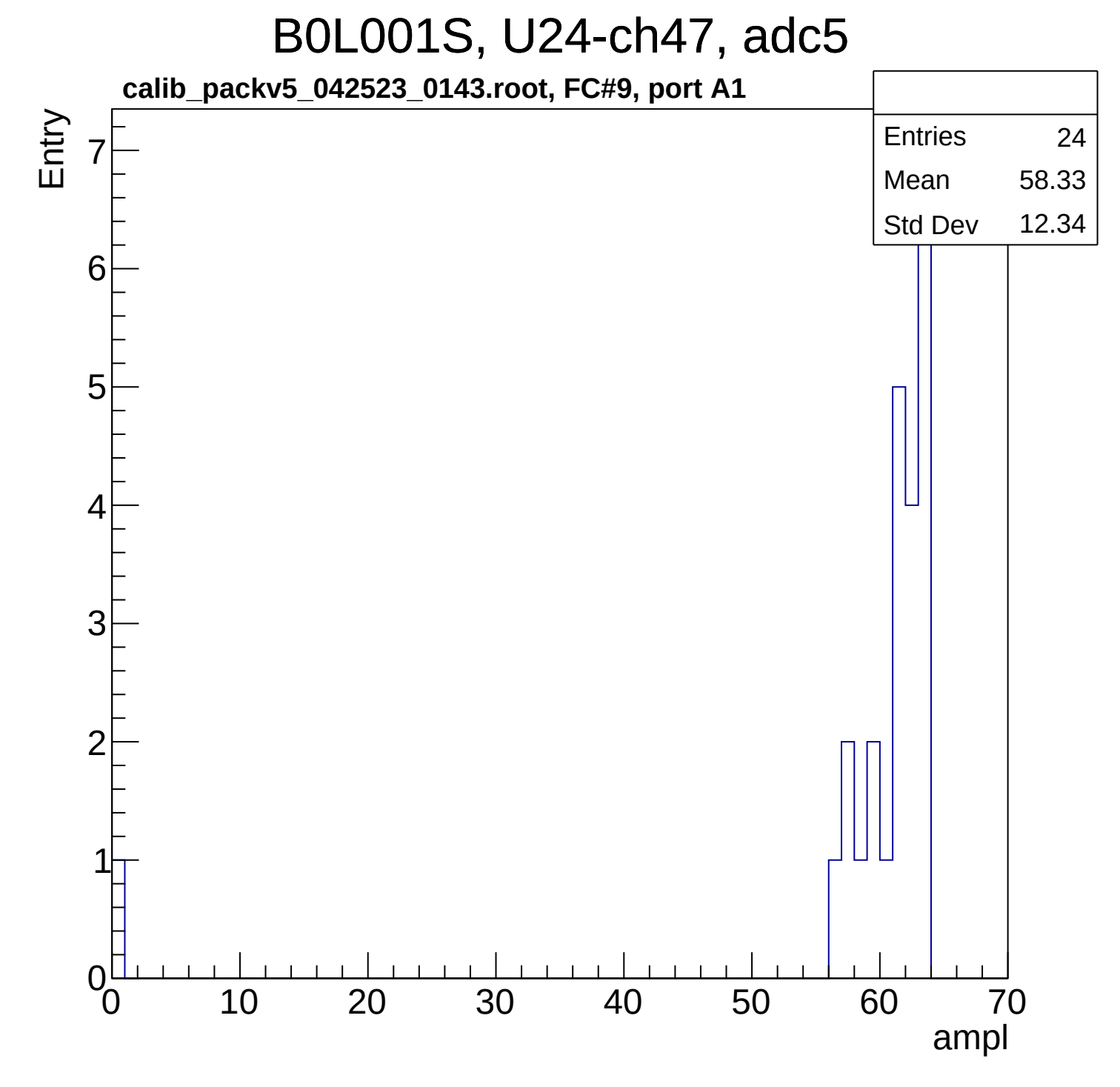
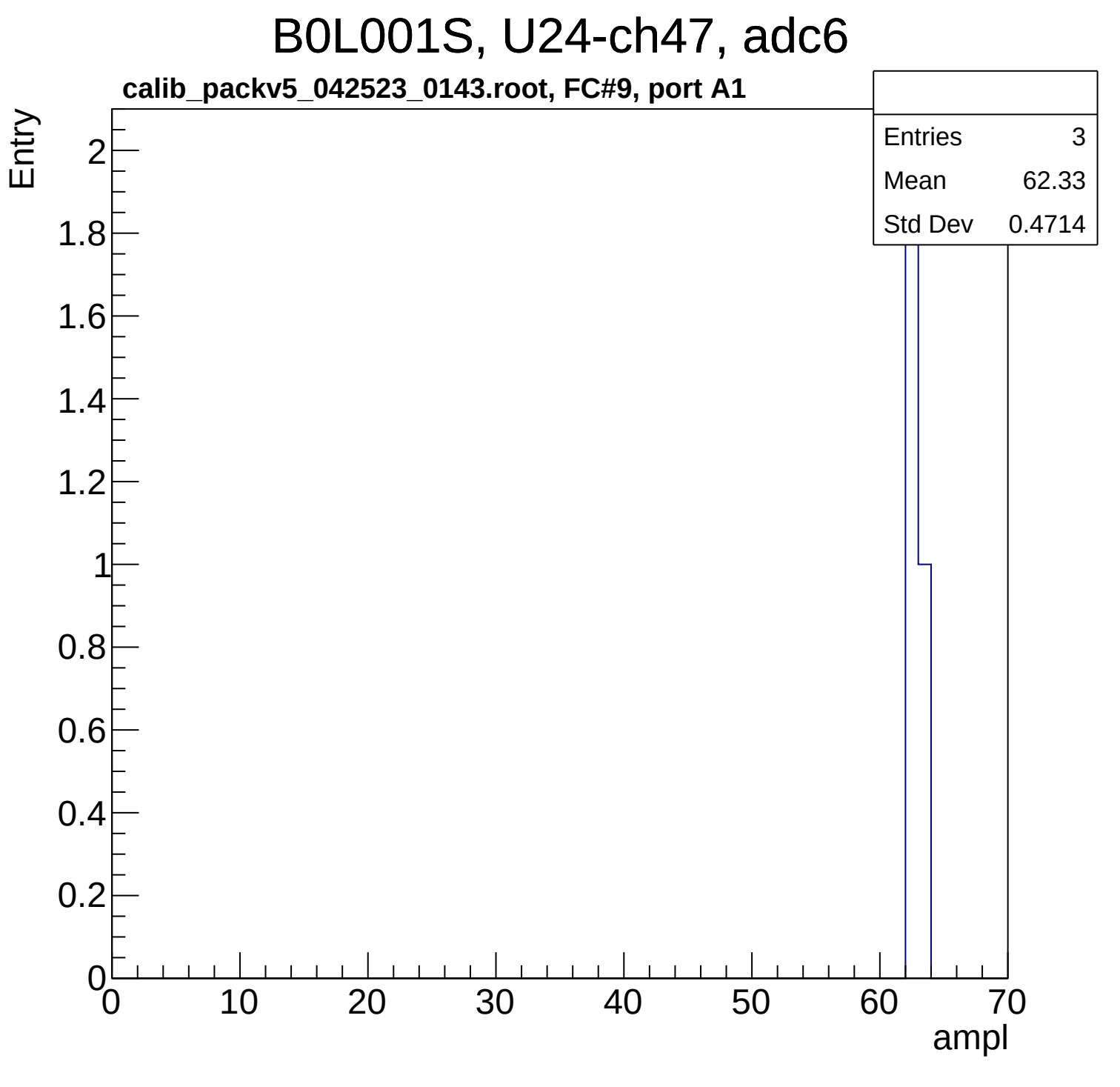
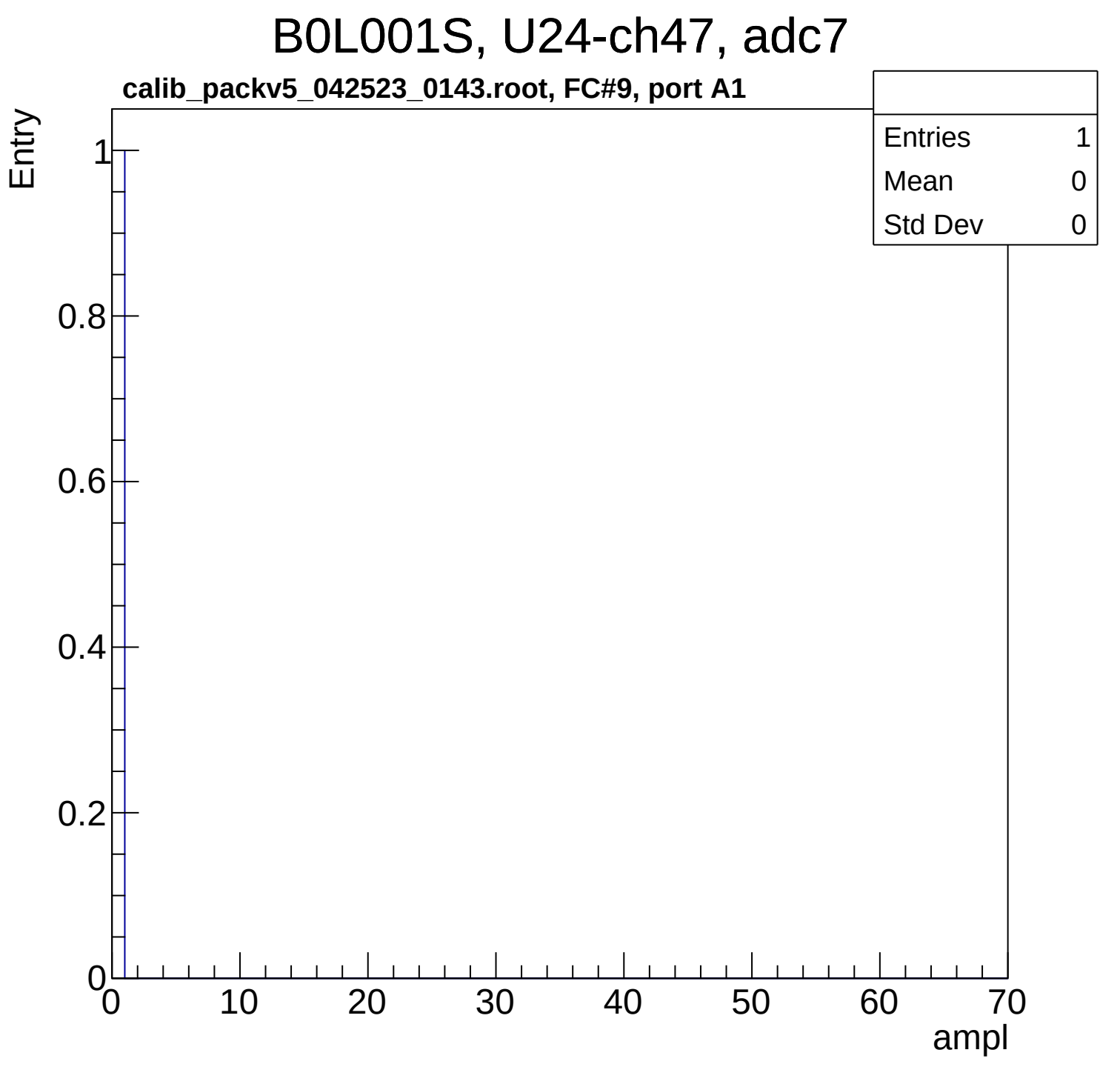
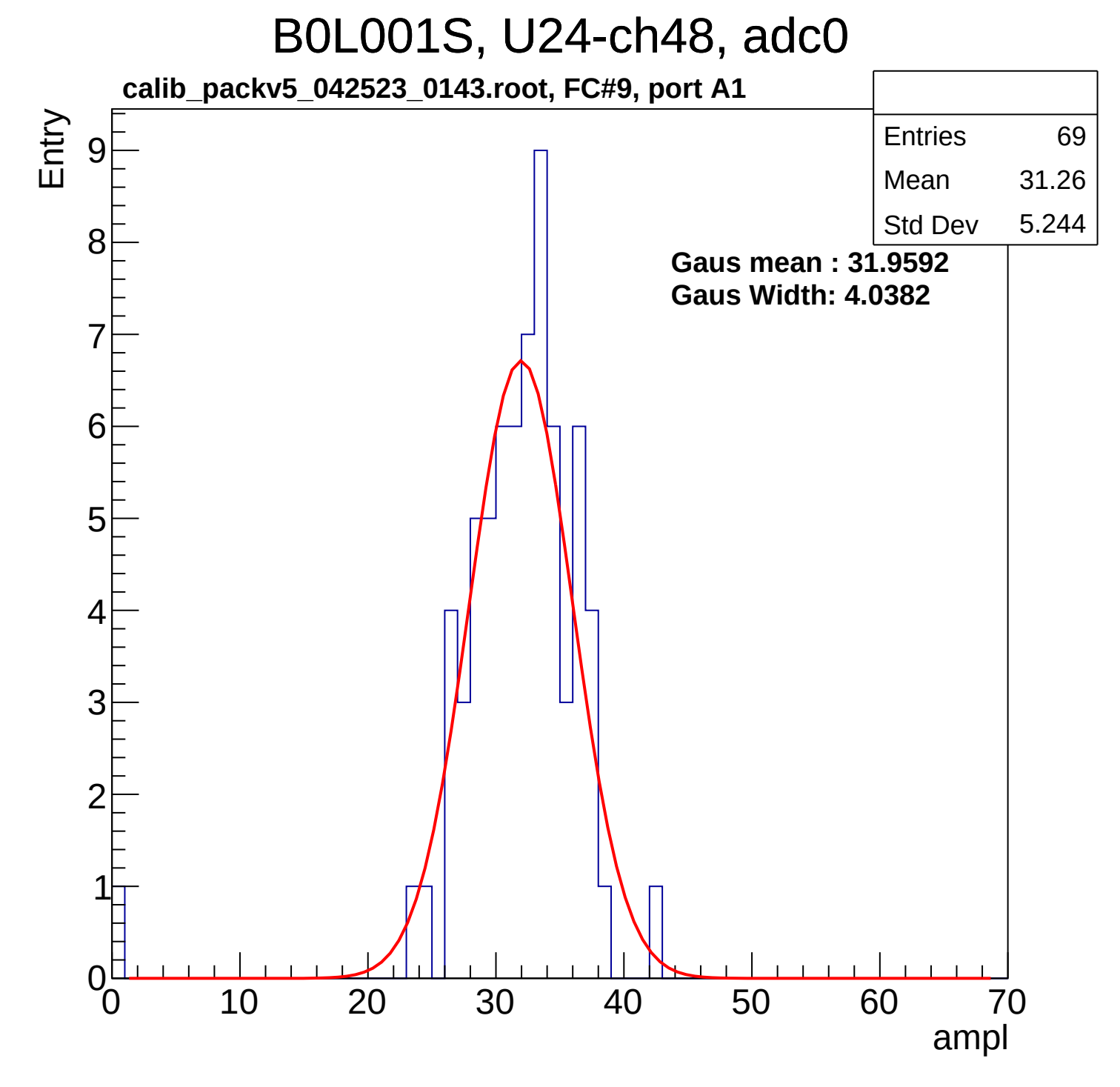

B0L001S, U24-ch47, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 52.47
Std Dev 3.041
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

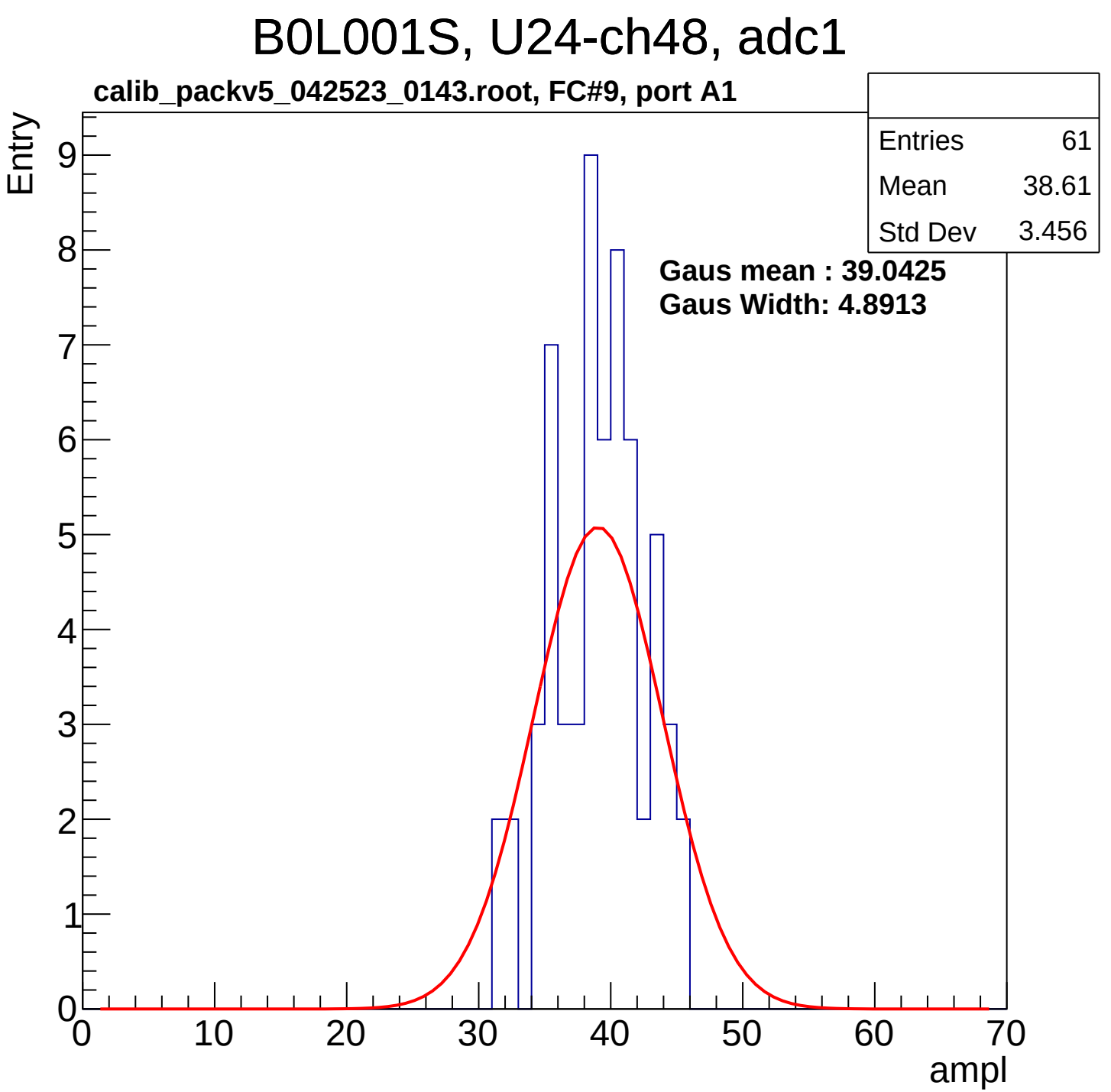

B0L001S, U24-ch47, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 57.67
Std Dev 3.234
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

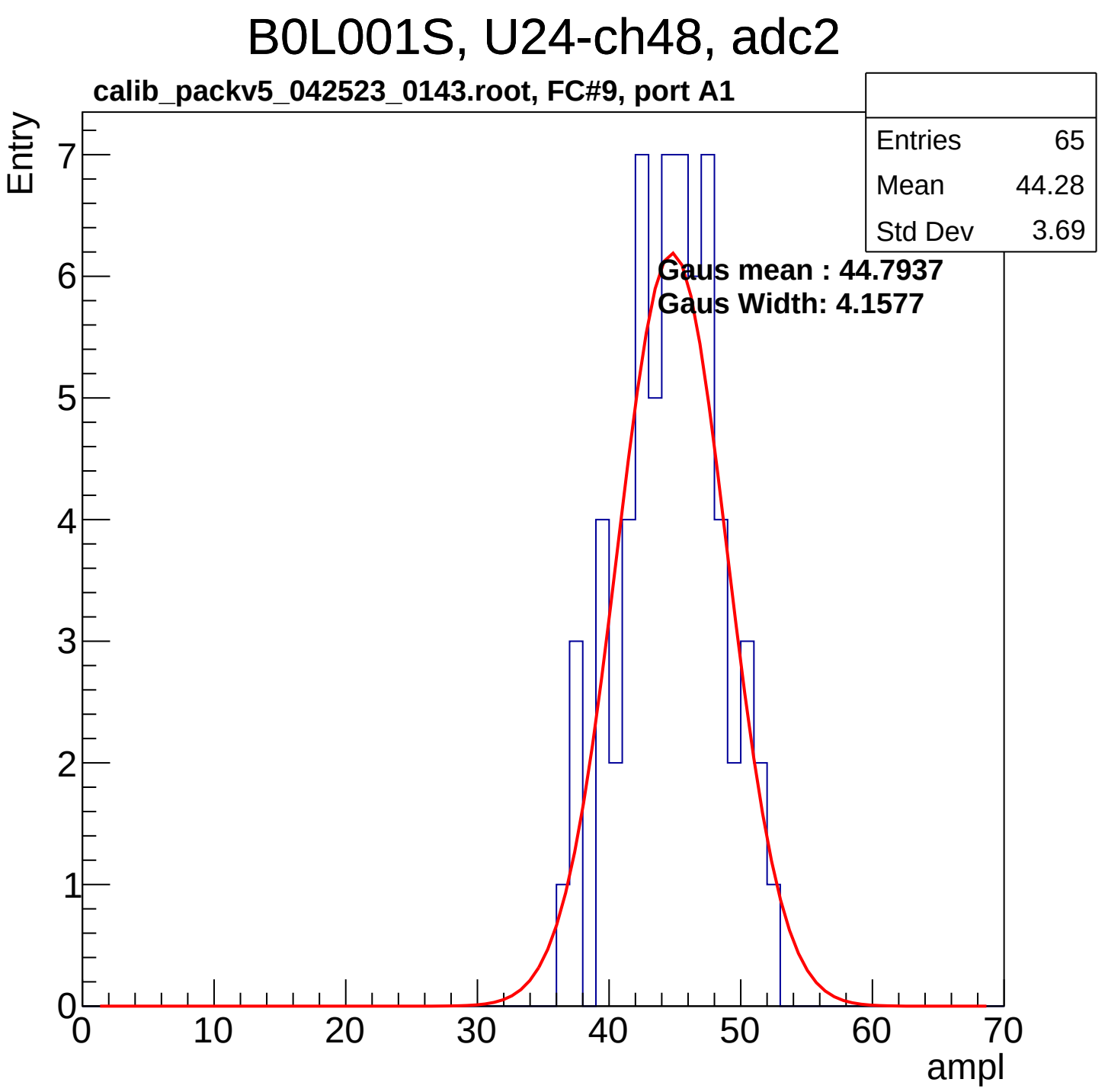

B0L001S, U24-ch47, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 58.33
Std Dev 12.34
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

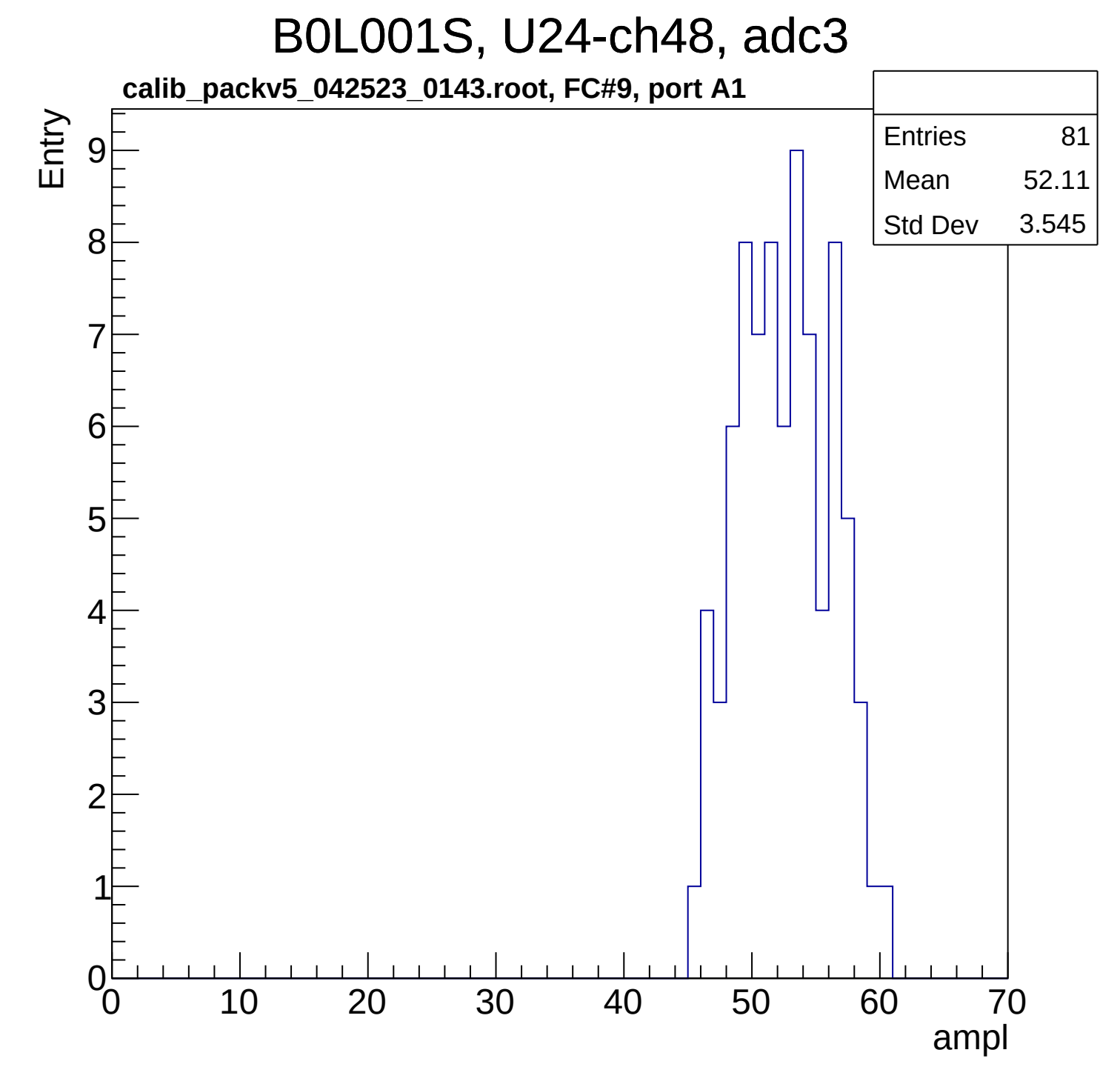

B0L001S, U24-ch47, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch47, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch48, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 31.26
Std Dev 5.244
Gaus mean : 31.9592
Gaus Width: 4.0382
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch48, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 38.61
Std Dev 3.456
Gaus mean : 39.0425
Gaus Width: 4.8913
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch48, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 44.28
Std Dev 3.69
Gaus mean : 44.7937
Gaus Width: 4.1577
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch48, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 52.11
Std Dev 3.545
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
50
60
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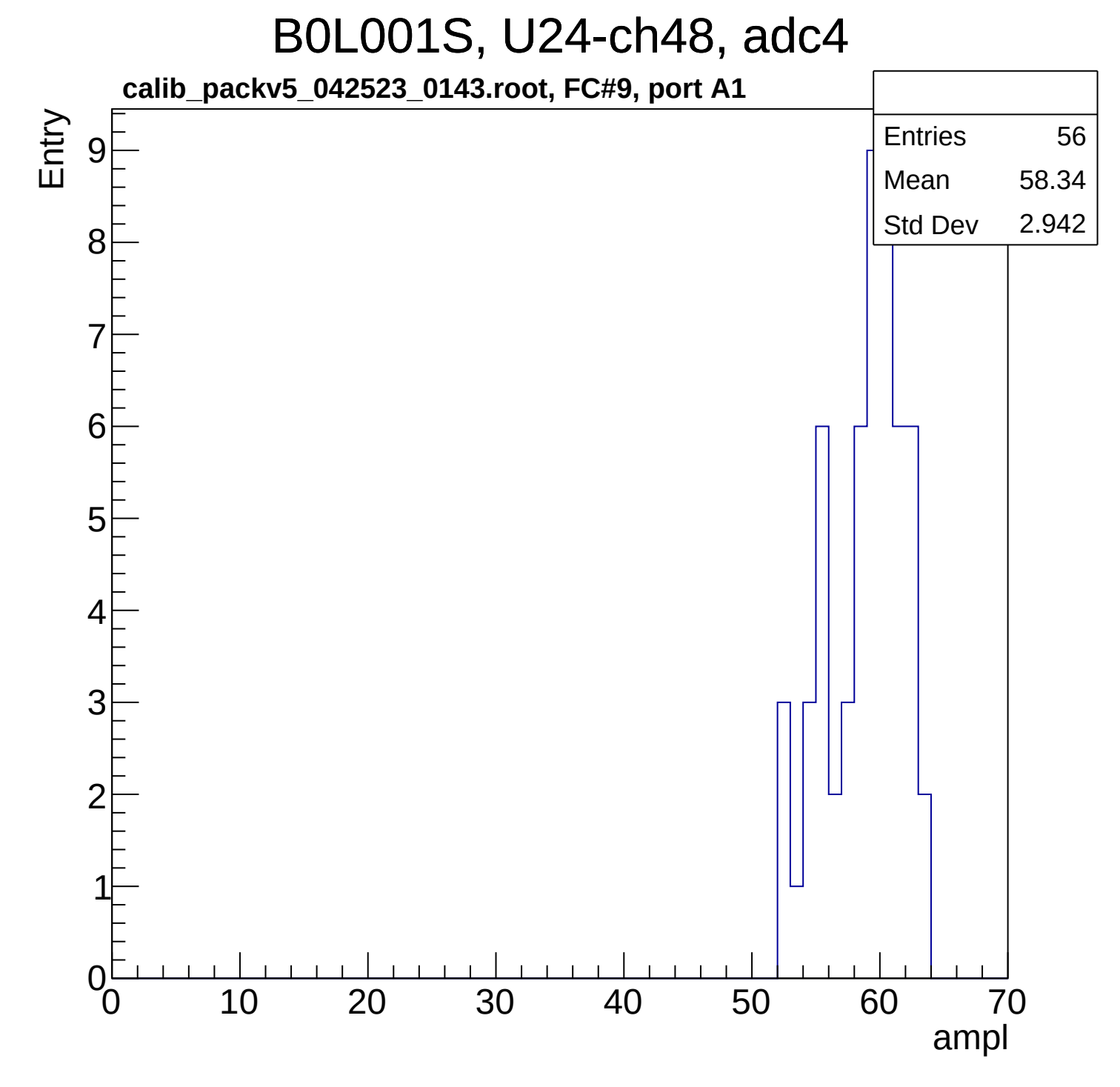
B0L001S, U24-ch48, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 58.34
Std Dev 2.942
Entry
ampl
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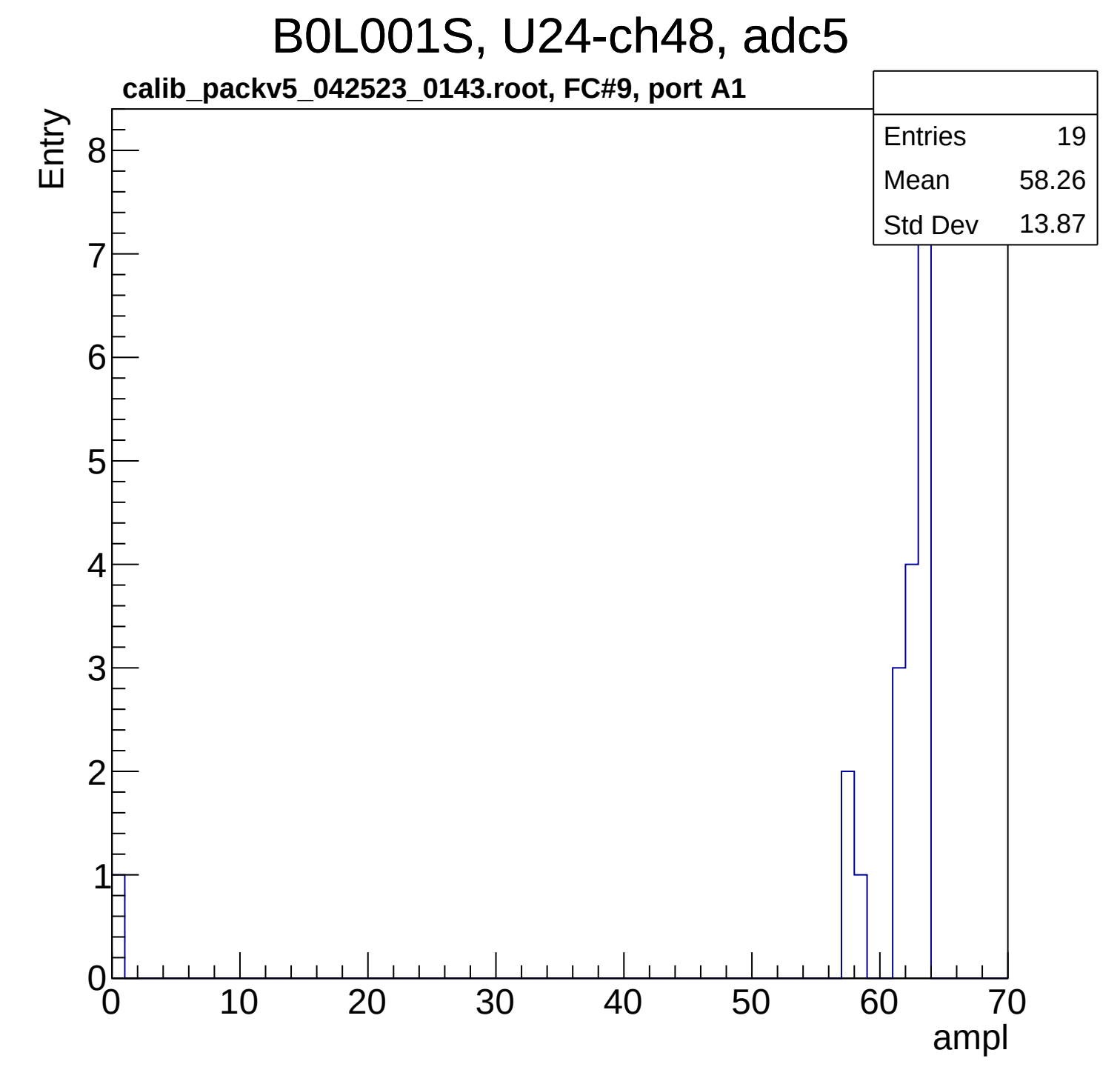
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch48, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 19
Mean 58.26
Std Dev 13.87
Entry
ampl
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2
3
4
5
6
7
8
0
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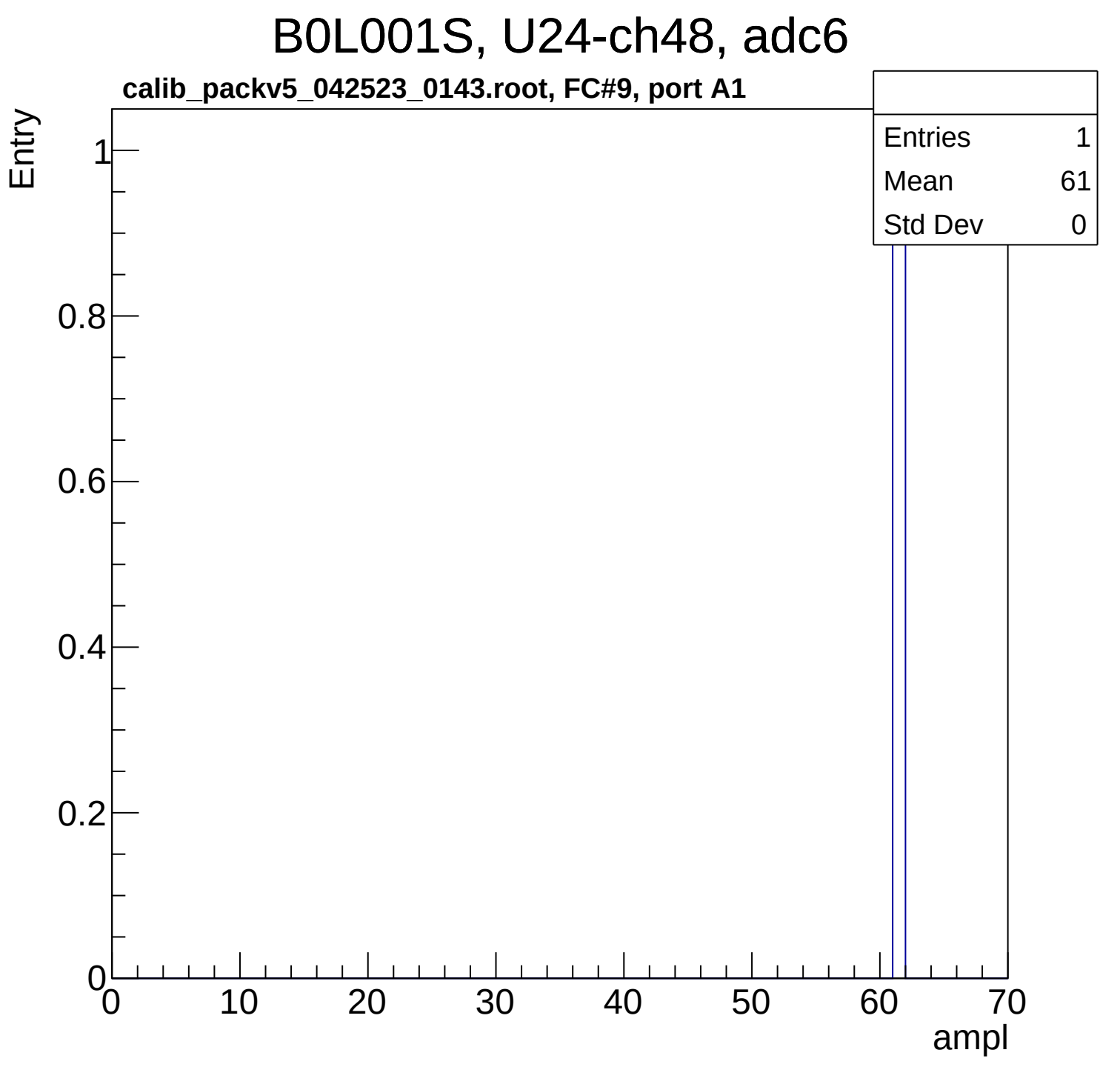
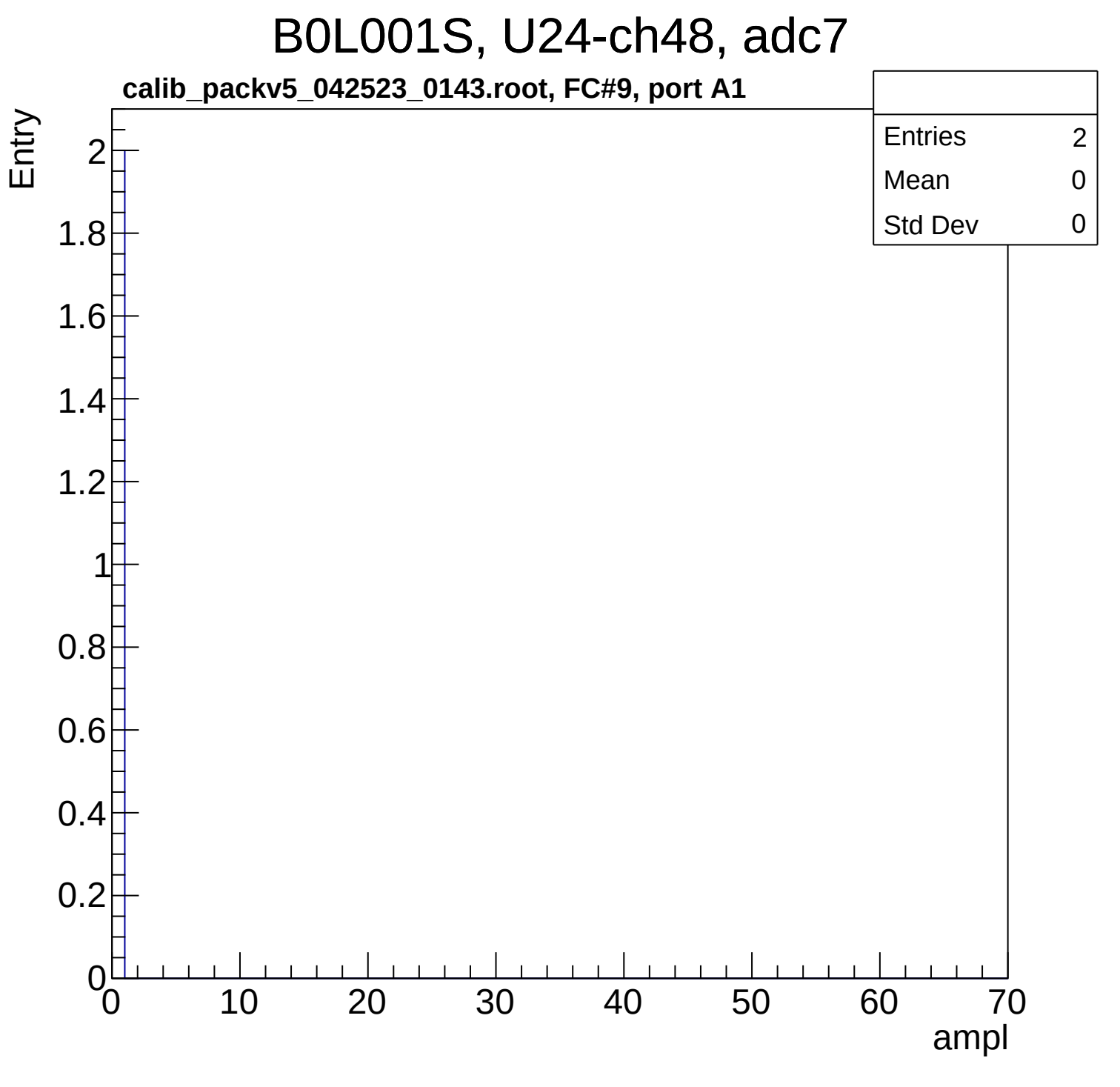
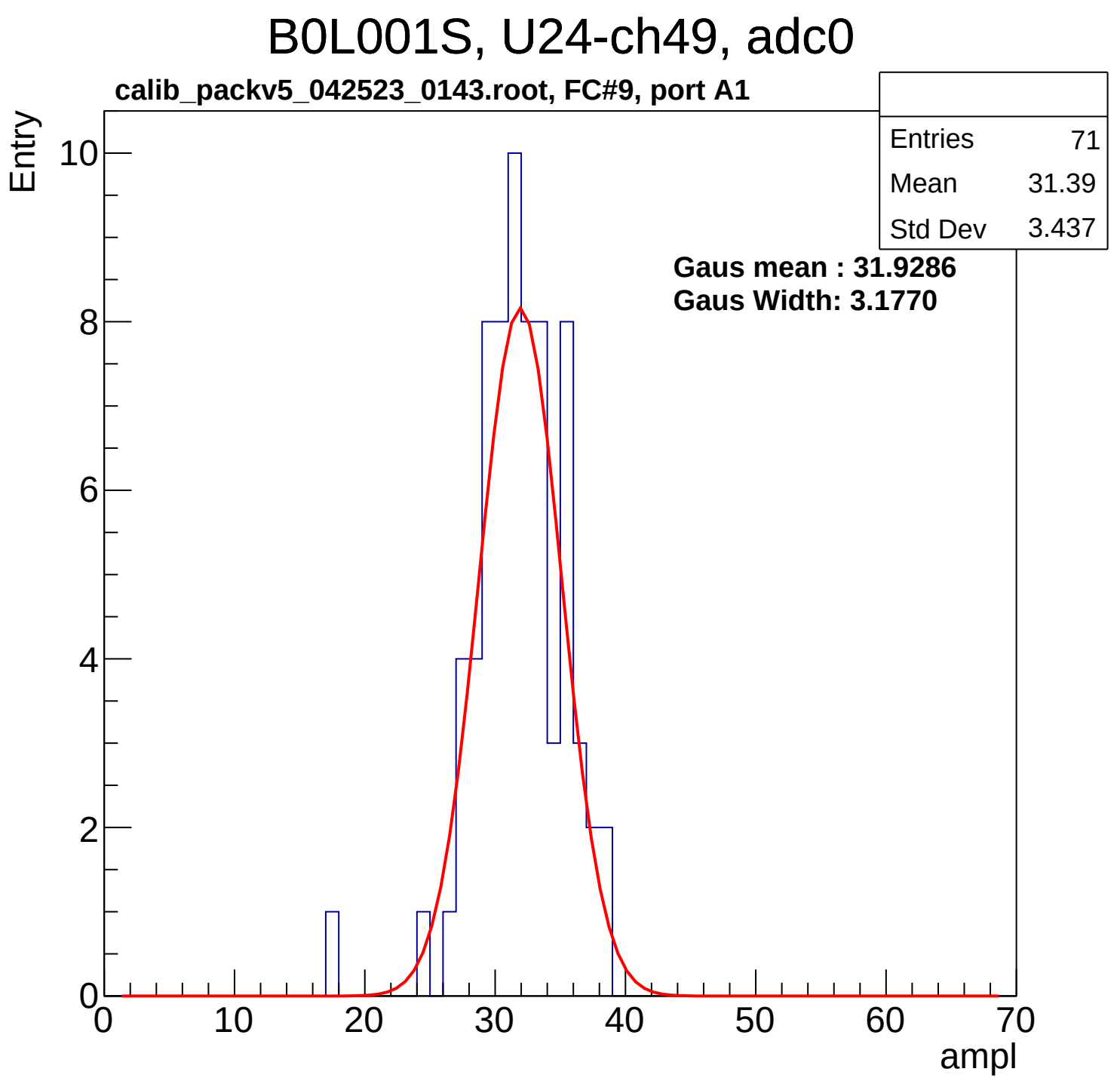
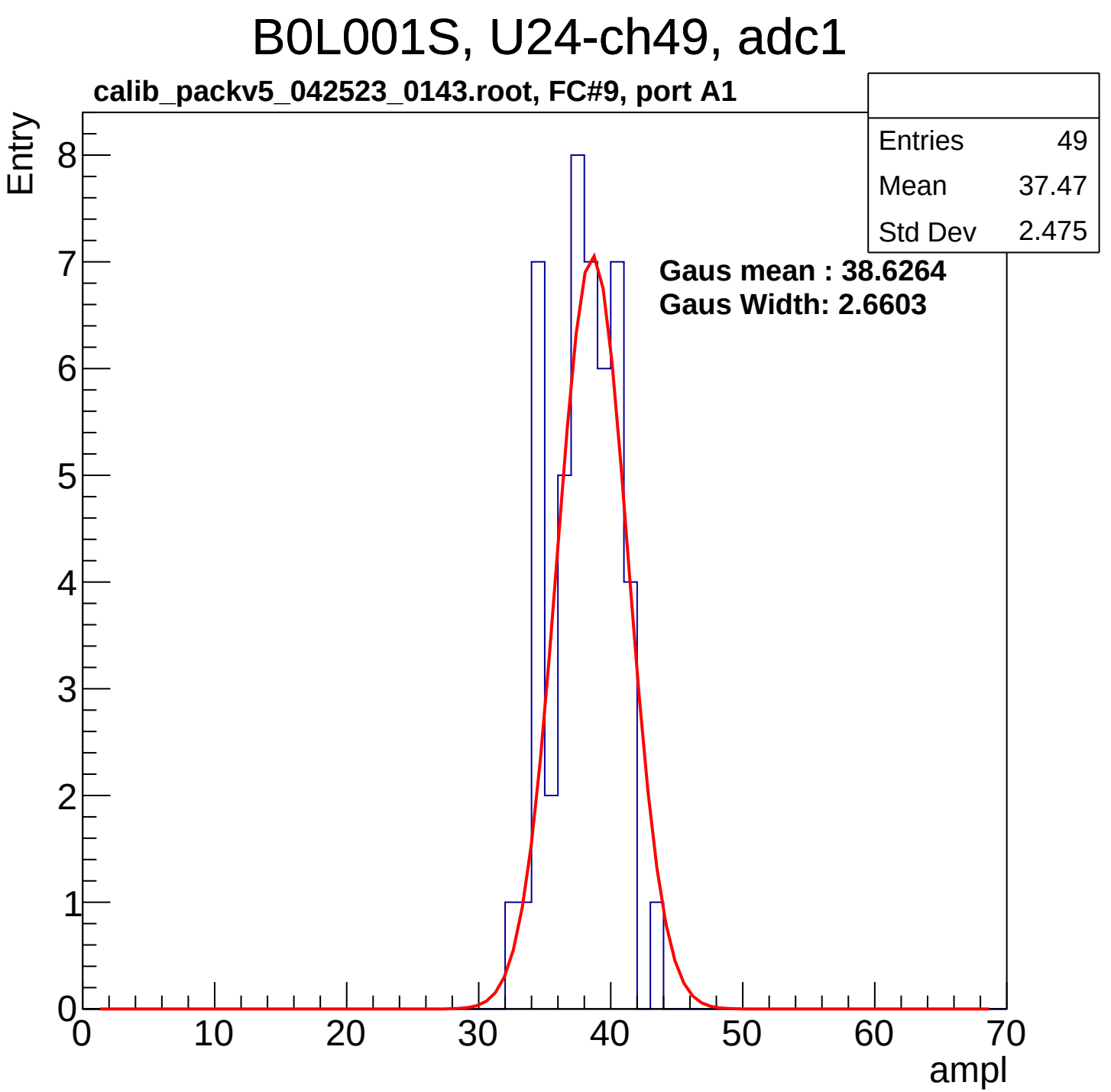
30
40
50
60
70


B0L001S, U24-ch48, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch48, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch49, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 31.39
Std Dev 3.437
Gaus mean : 31.9286
Gaus Width: 3.1770
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch49, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 37.47
Std Dev 2.475
Gaus mean : 38.6264
Gaus Width: 2.6603
Entry
ampl
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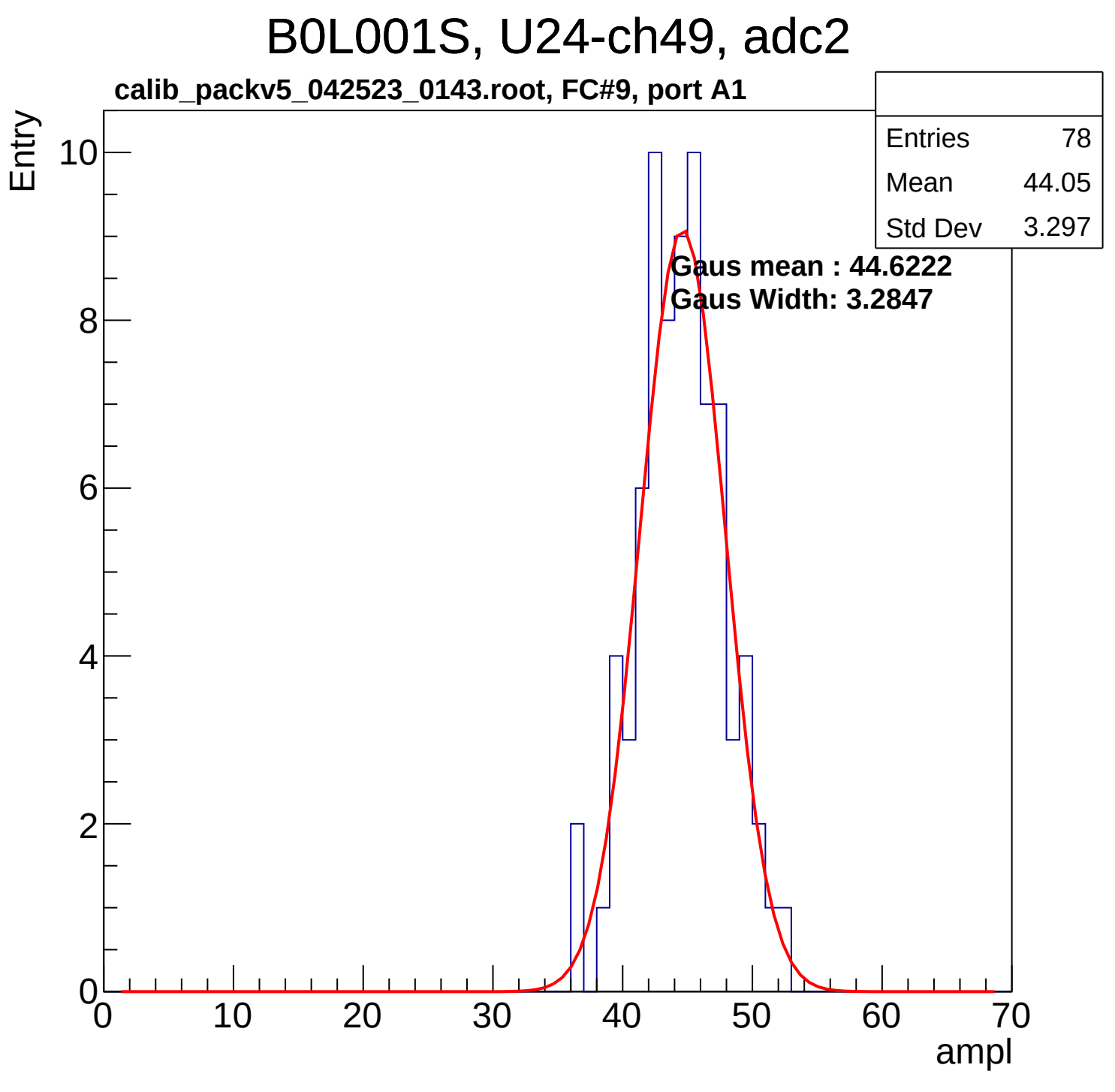
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch49, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 44.05
Std Dev 3.297
Gaus mean : 44.6222
Gaus Width: 3.2847
Entry
ampl
0
2
4
6
8
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0
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20
30
40
50
60
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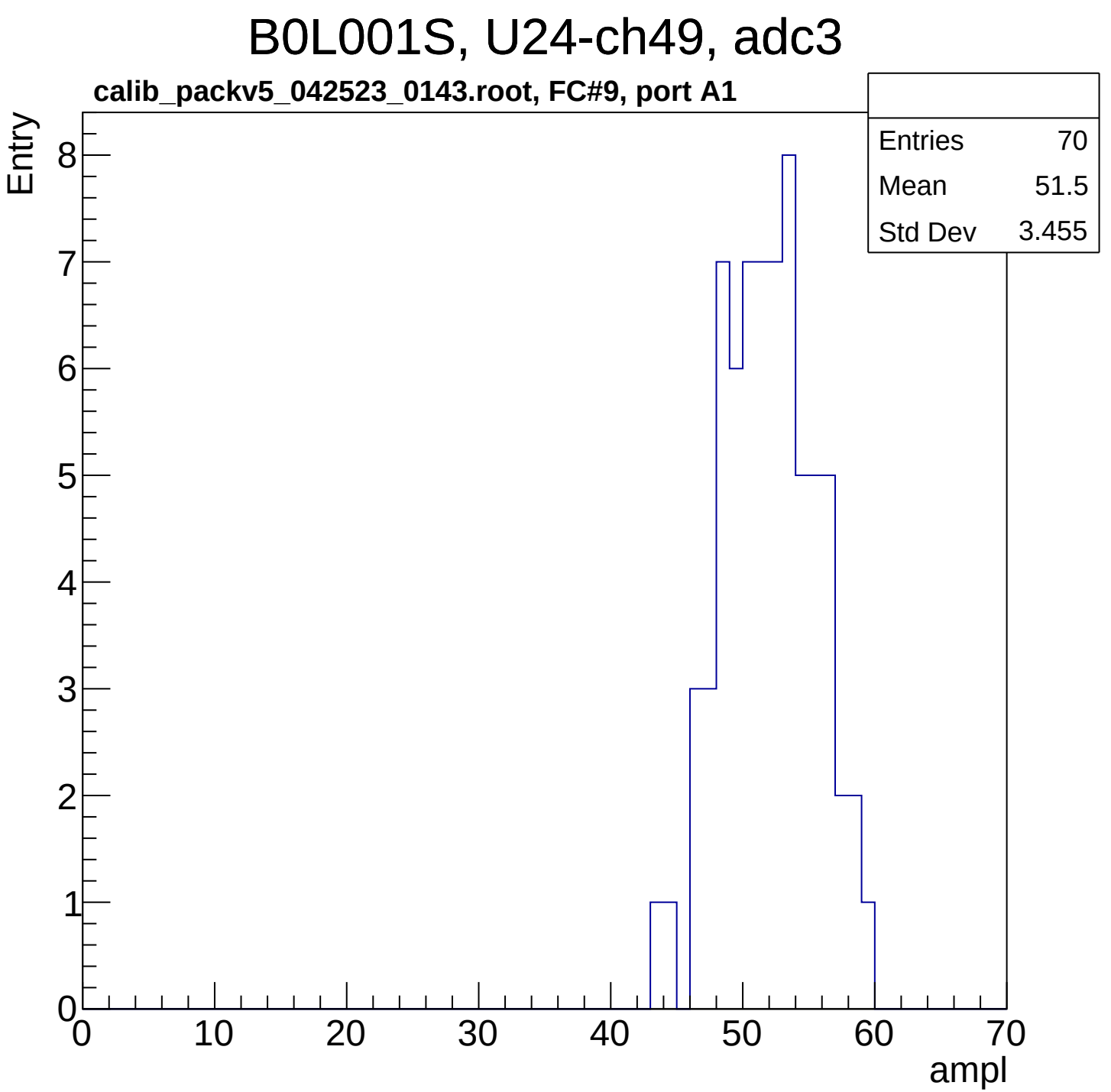
B0L001S, U24-ch49, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 51.5
Std Dev 3.455
Entry
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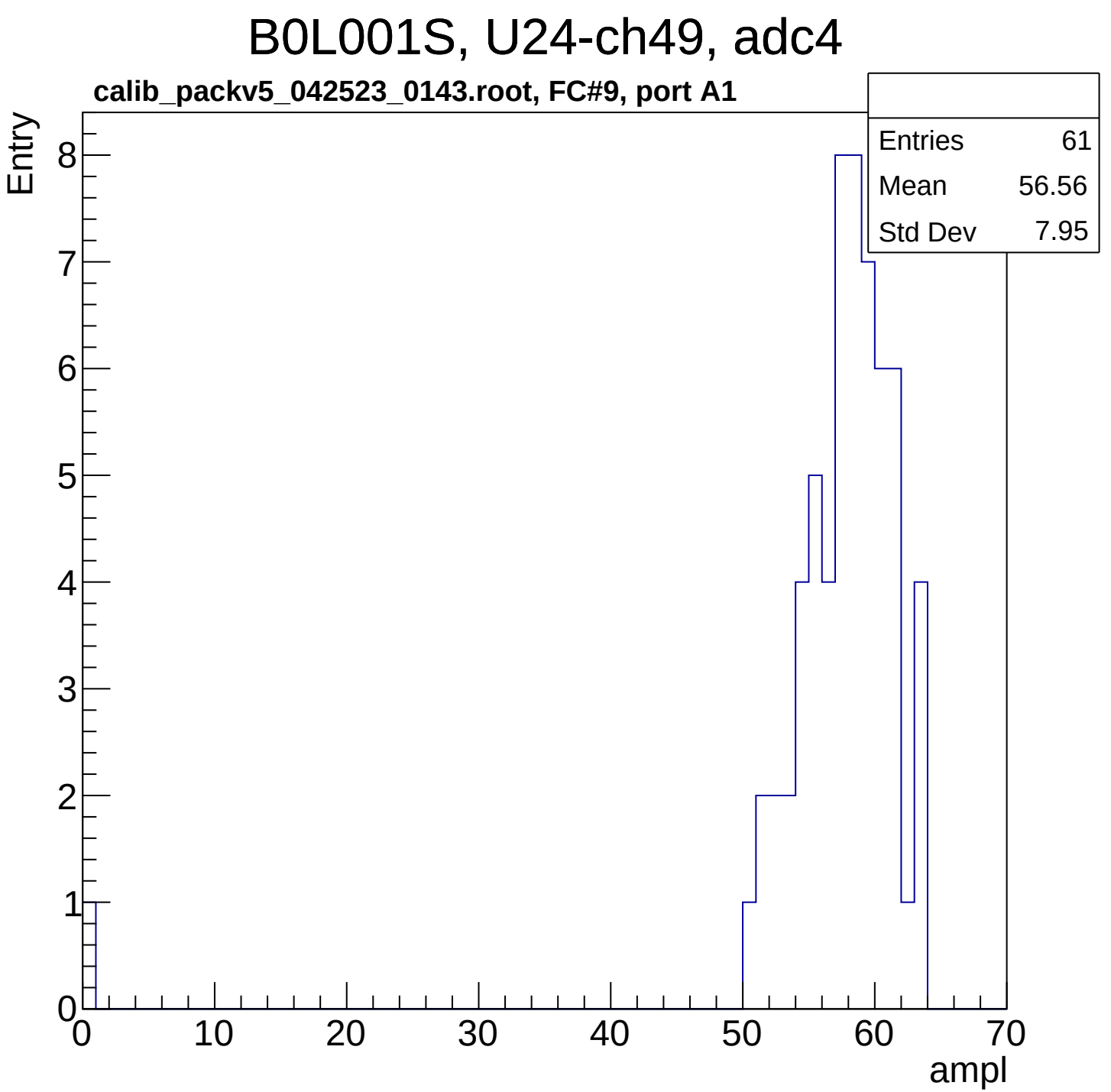
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch49, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 56.56
Std Dev 7.95
Entry
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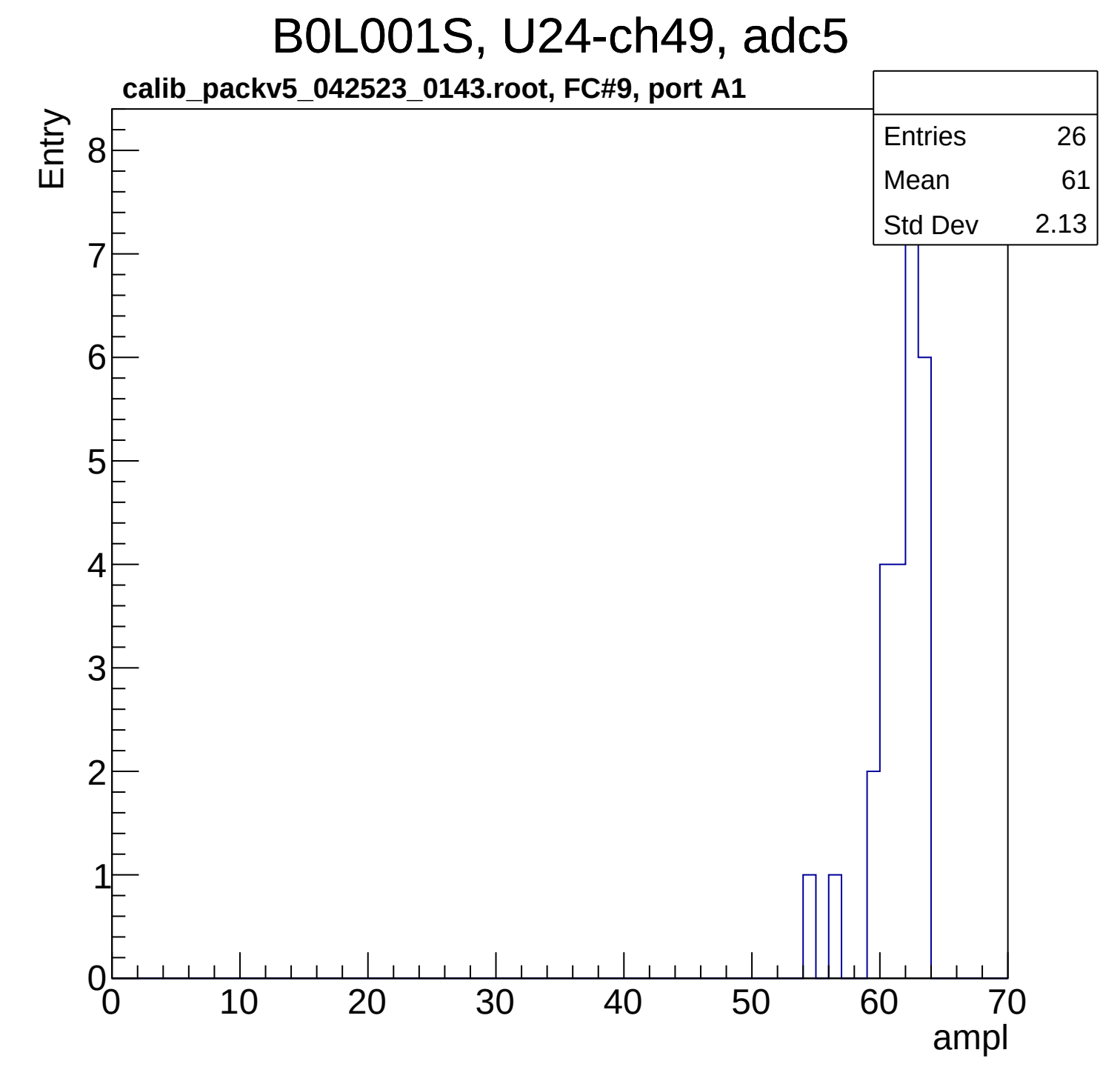
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch49, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 61
Std Dev 2.13
Entry
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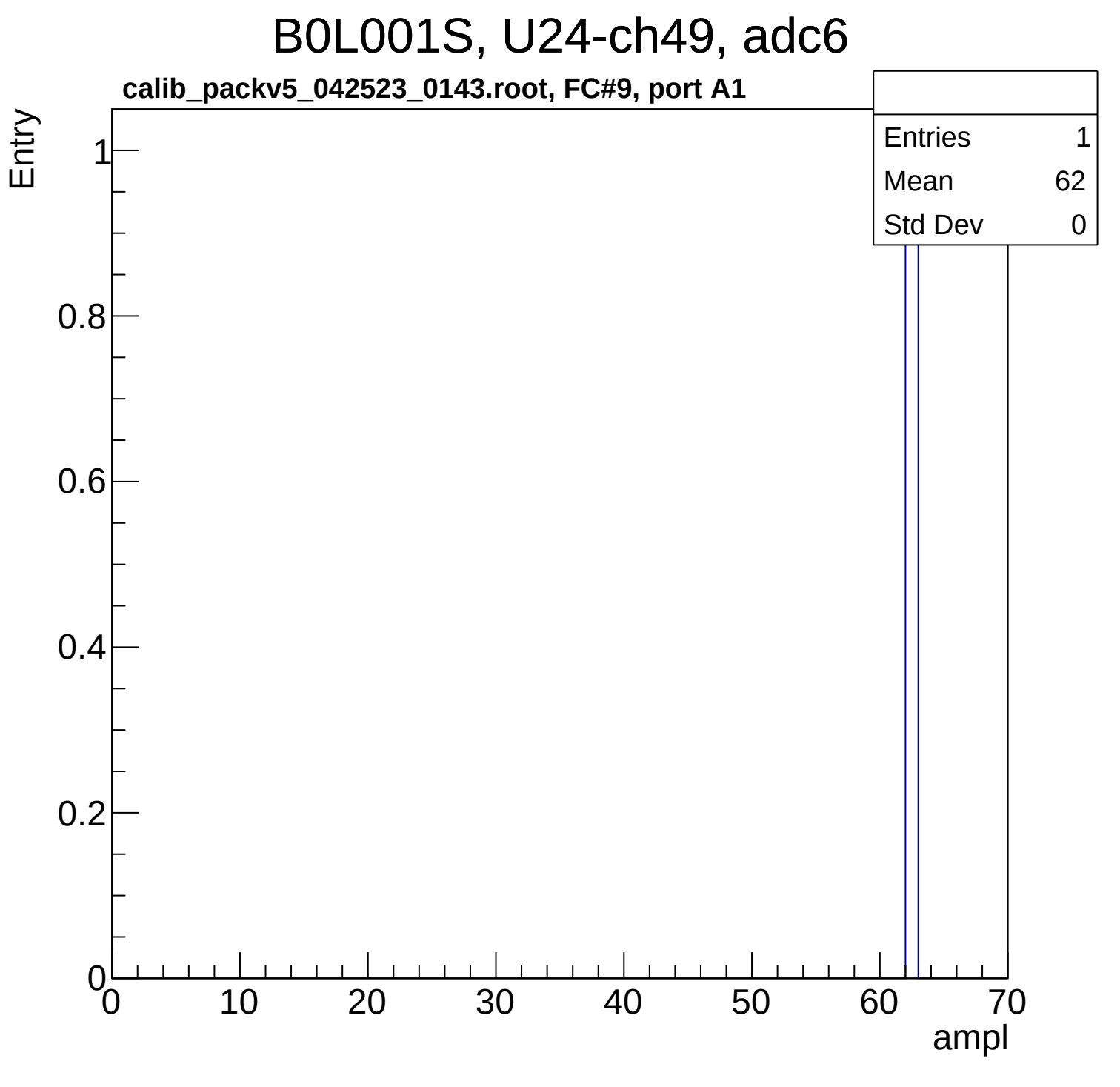
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch49, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
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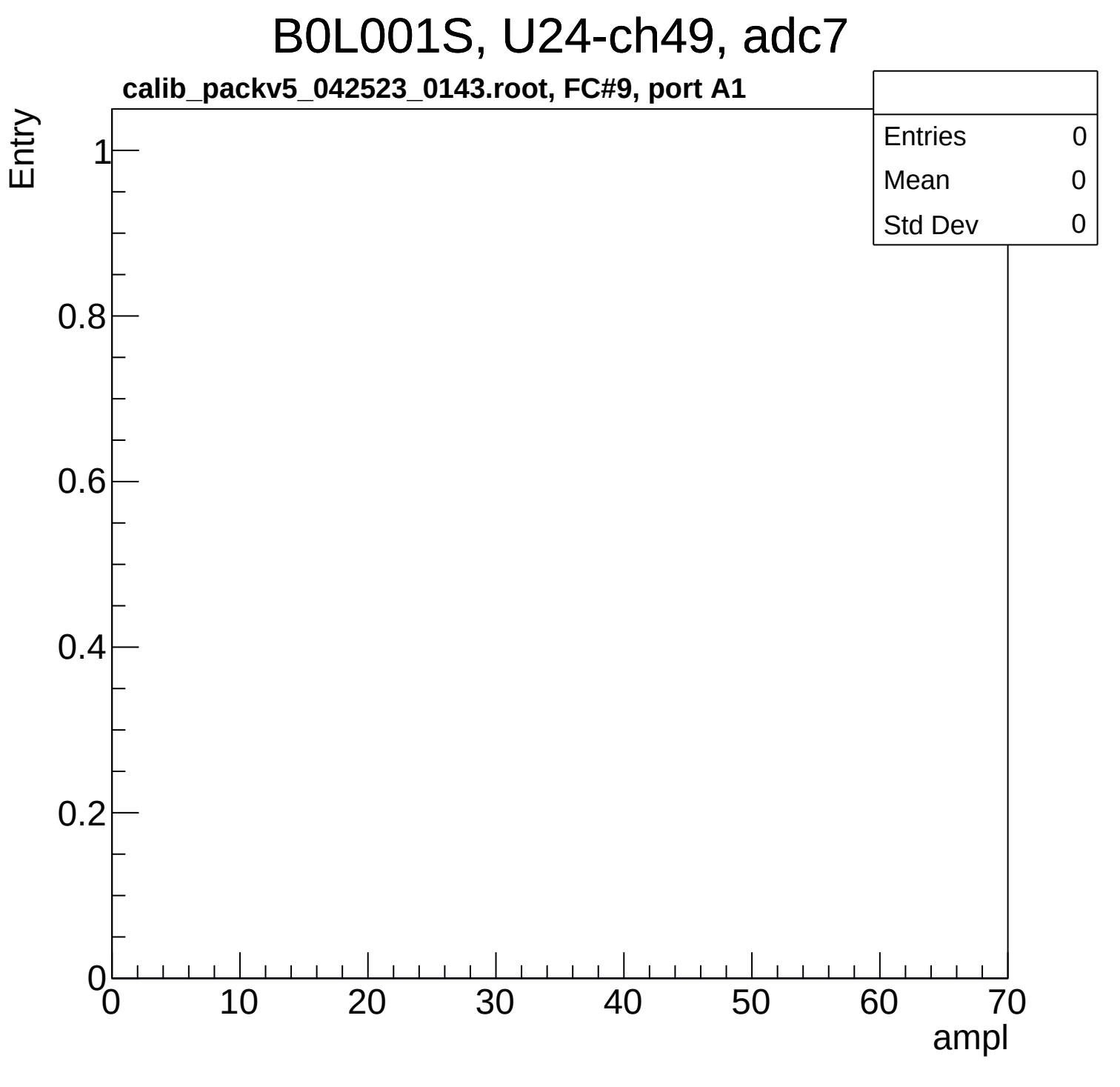
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch49, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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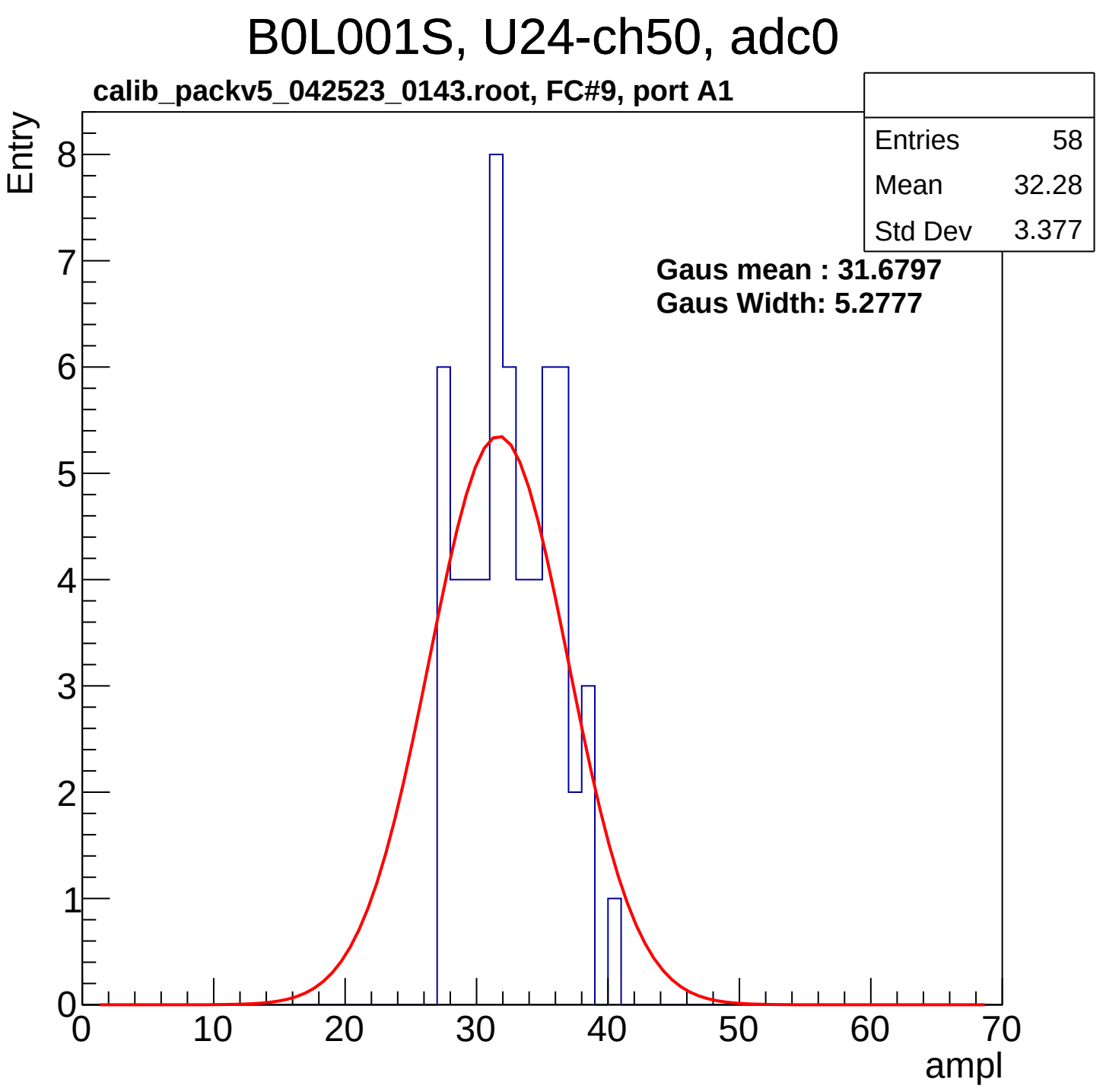
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch50, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 32.28
Std Dev 3.377
Gaus mean : 31.6797
Gaus Width: 5.2777
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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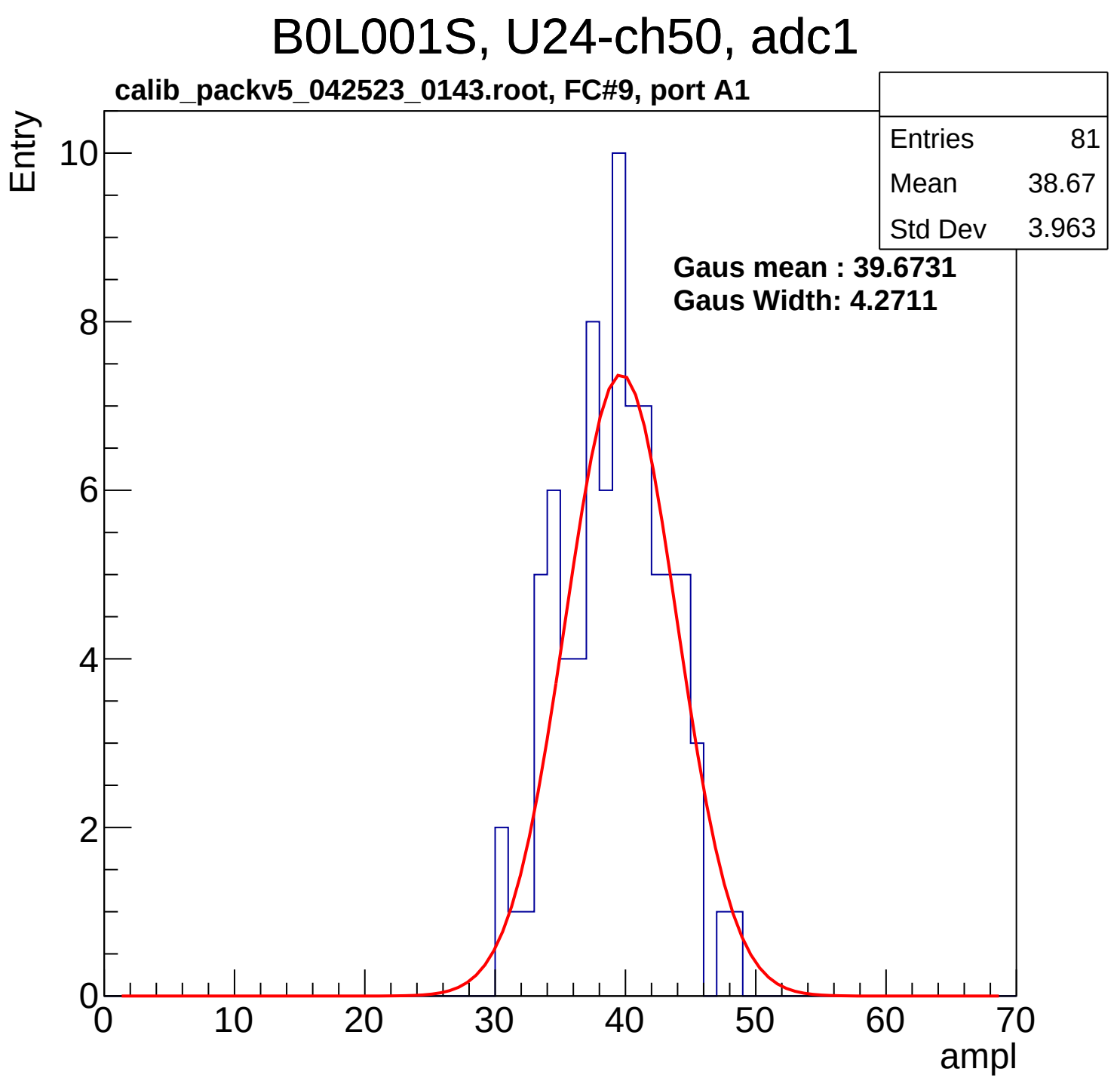
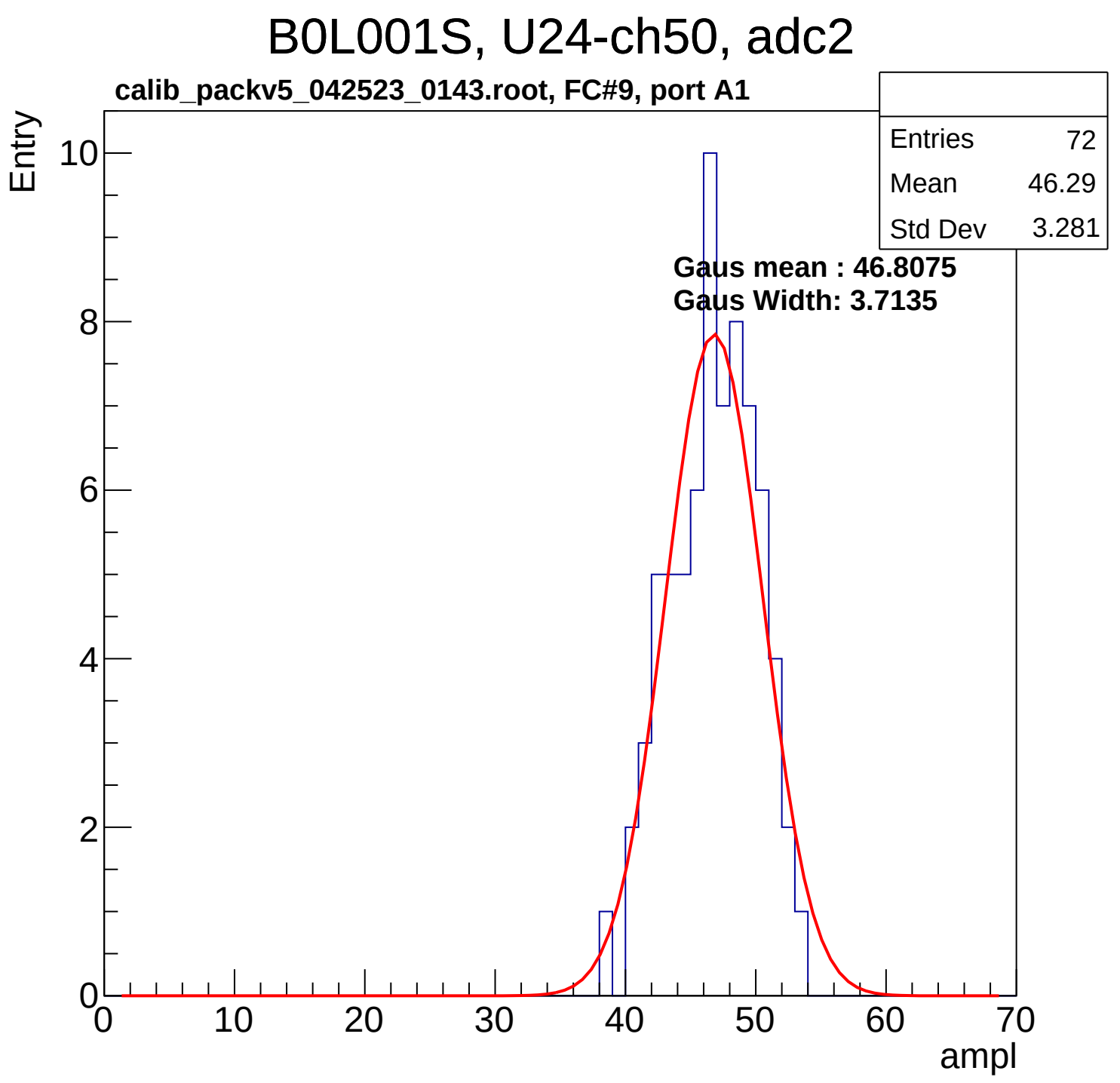

B0L001S, U24-ch50, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 38.67
Std Dev 3.963
Gaus mean : 39.6731
Gaus Width: 4.2711
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch50, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 46.29
Std Dev 3.281
Gaus mean : 46.8075
Gaus Width: 3.7135
Entry
ampl
0
2
4
6
8
10
0
10
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30
40
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60
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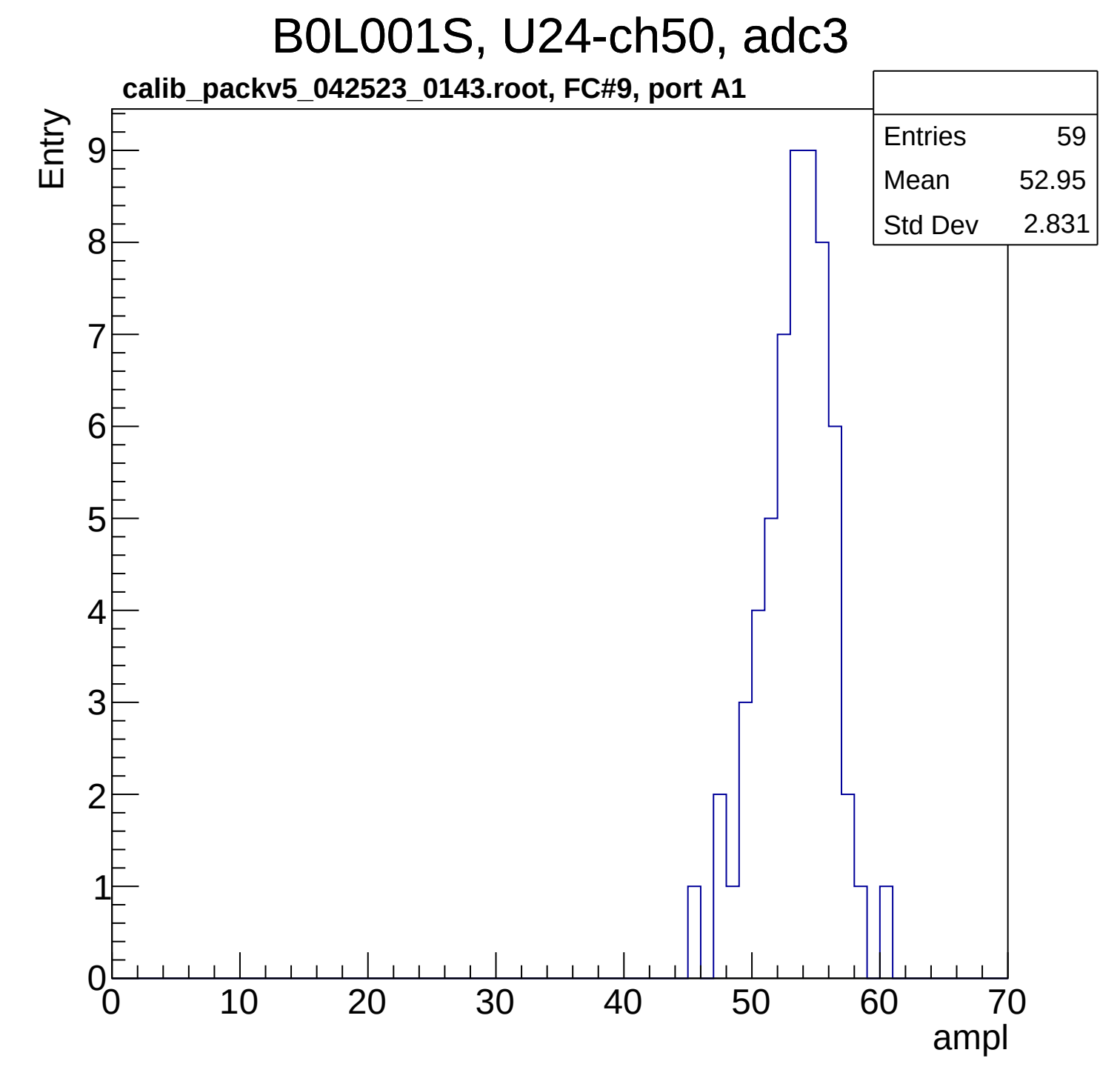
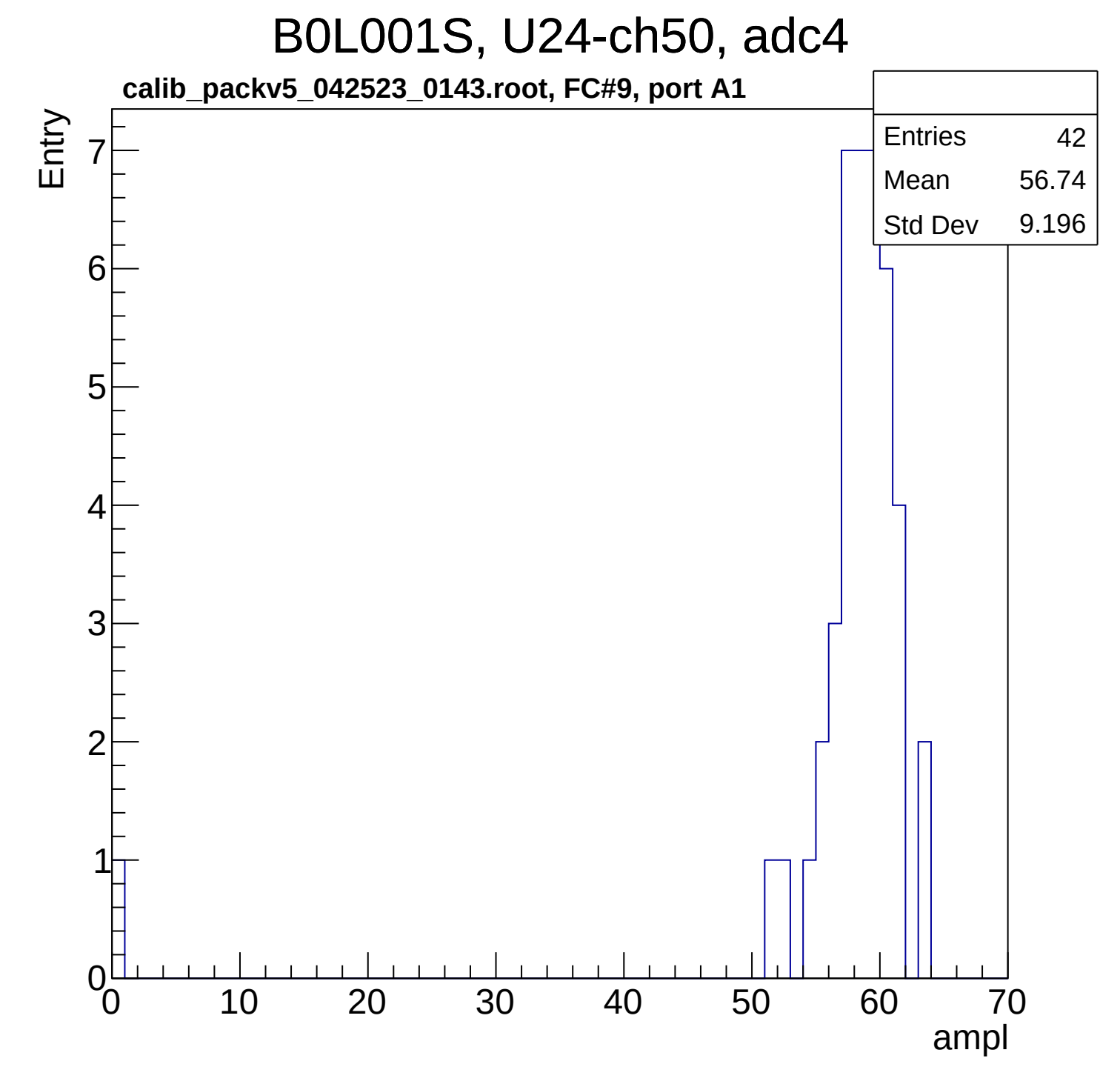

B0L001S, U24-ch50, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 52.95
Std Dev 2.831
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch50, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 56.74
Std Dev 9.196
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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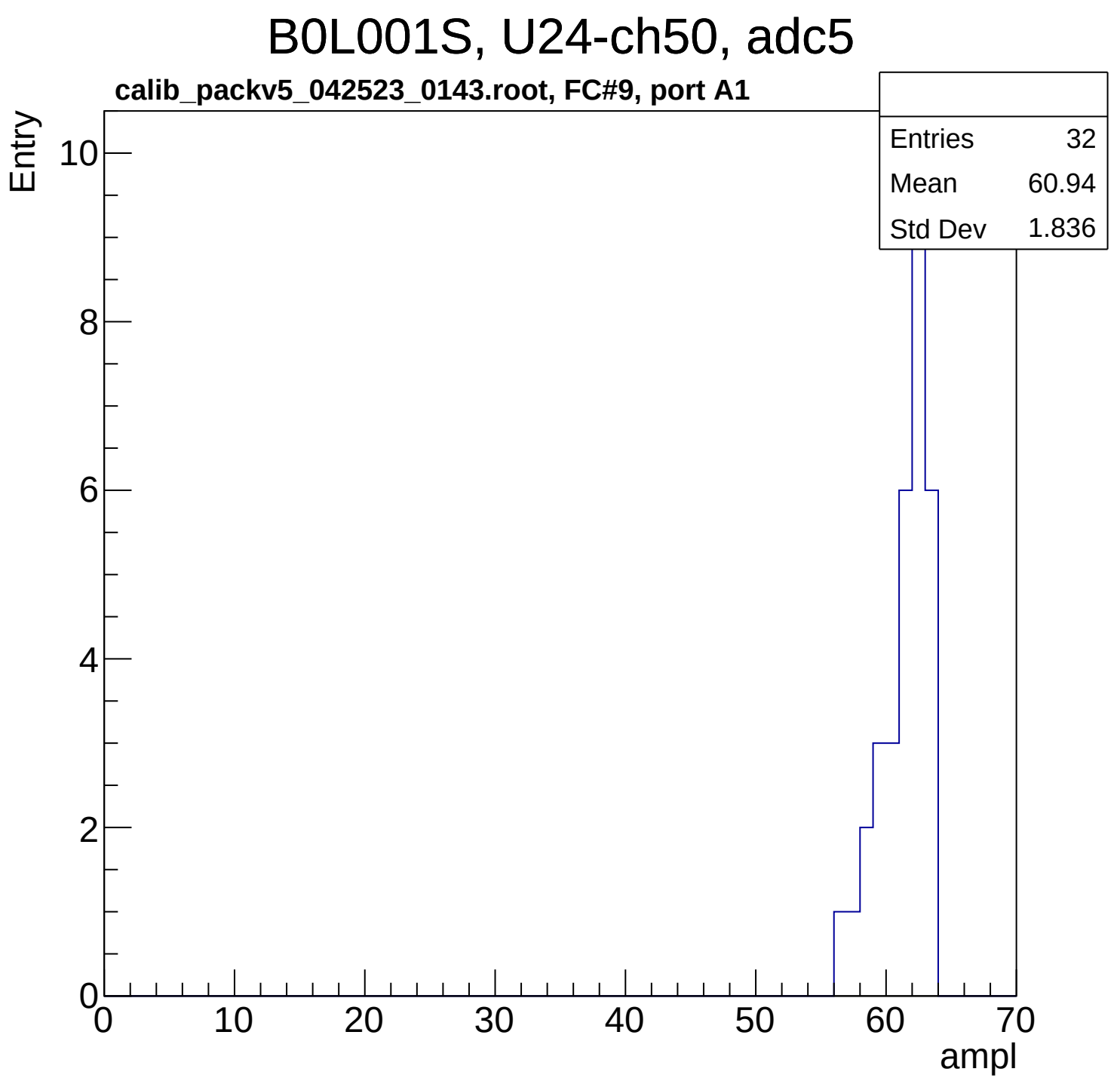
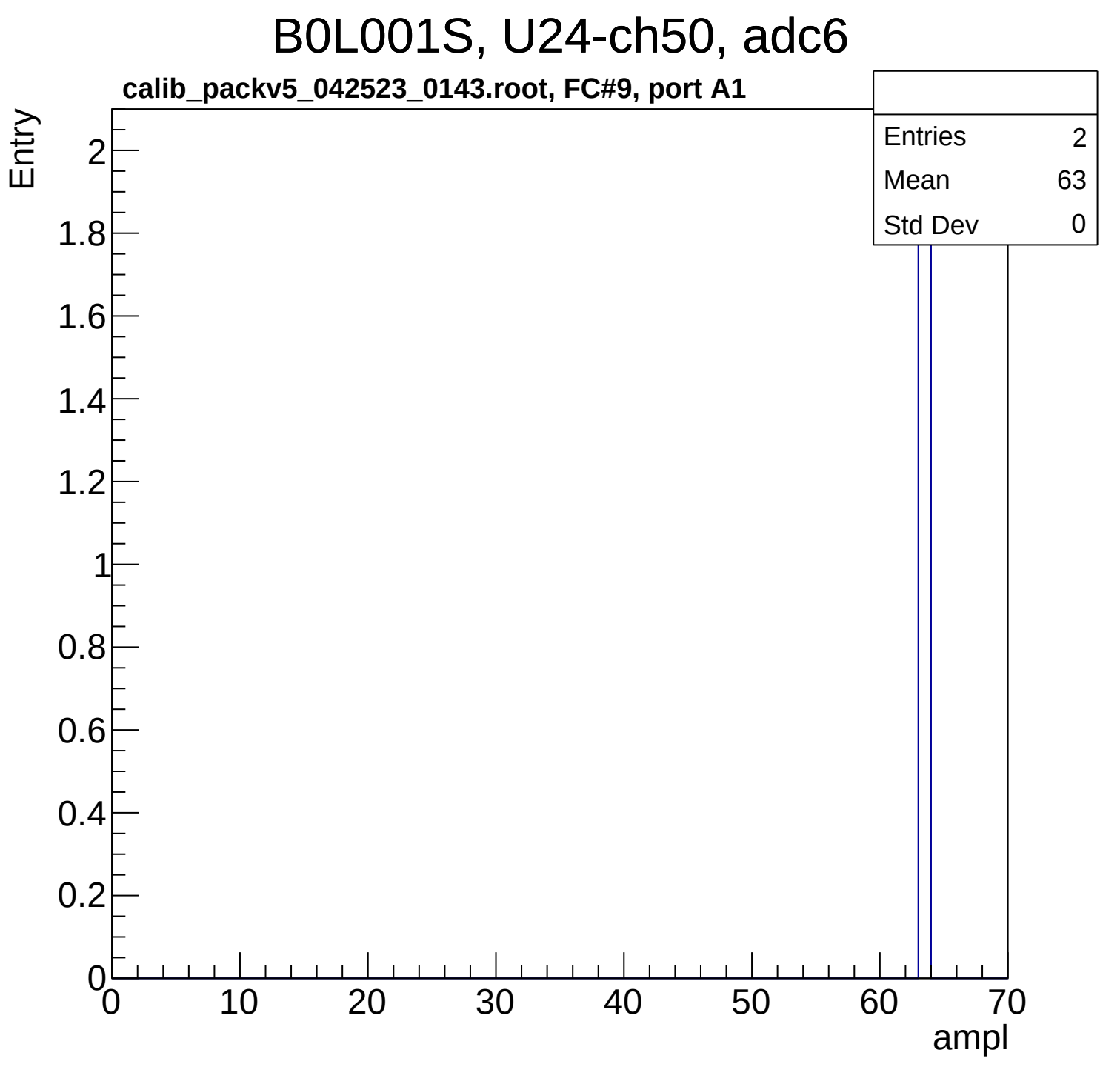
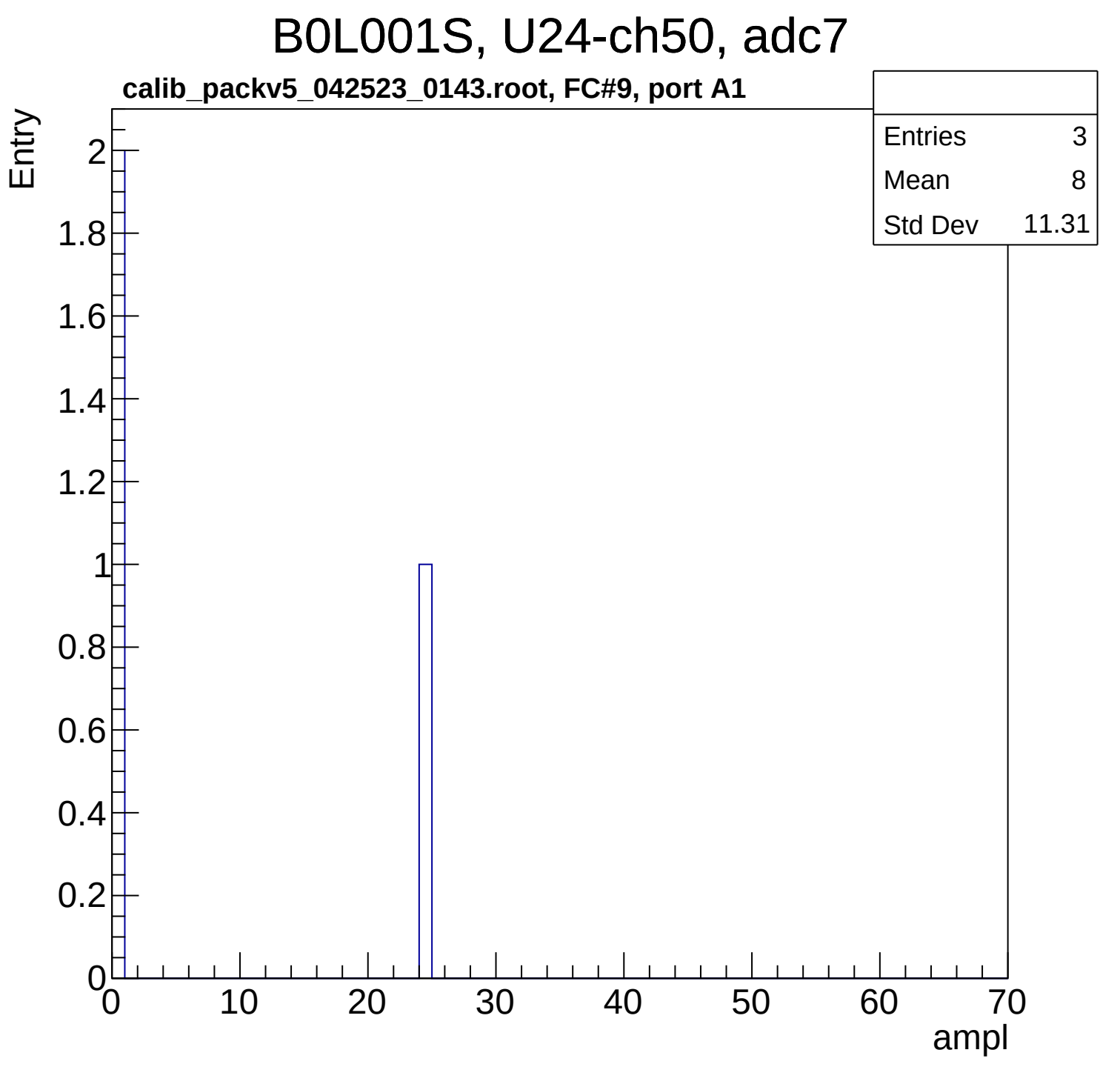

B0L001S, U24-ch50, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 60.94
Std Dev 1.836
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch50, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch50, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 8
Std Dev 11.31
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
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40
50
60
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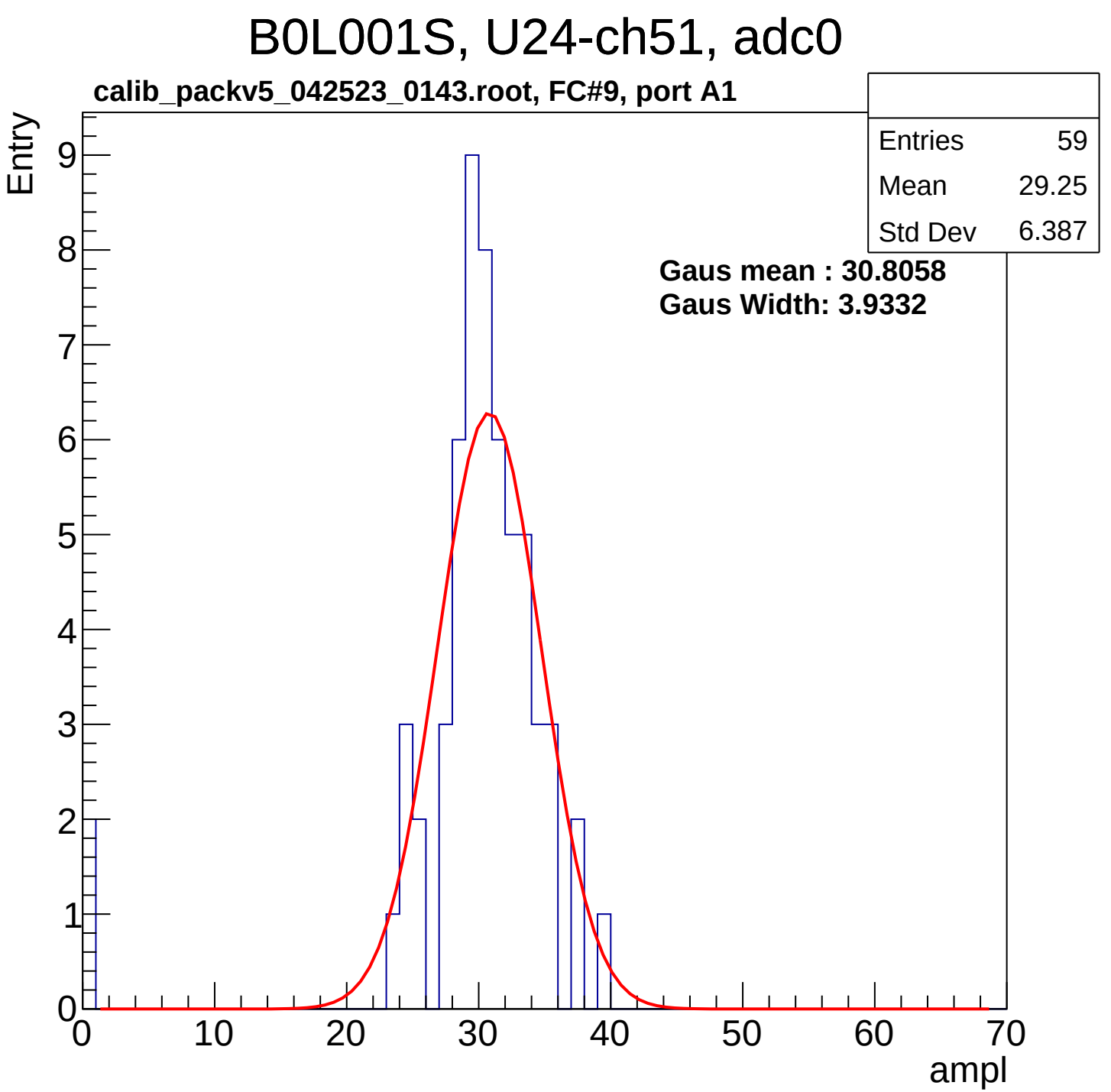
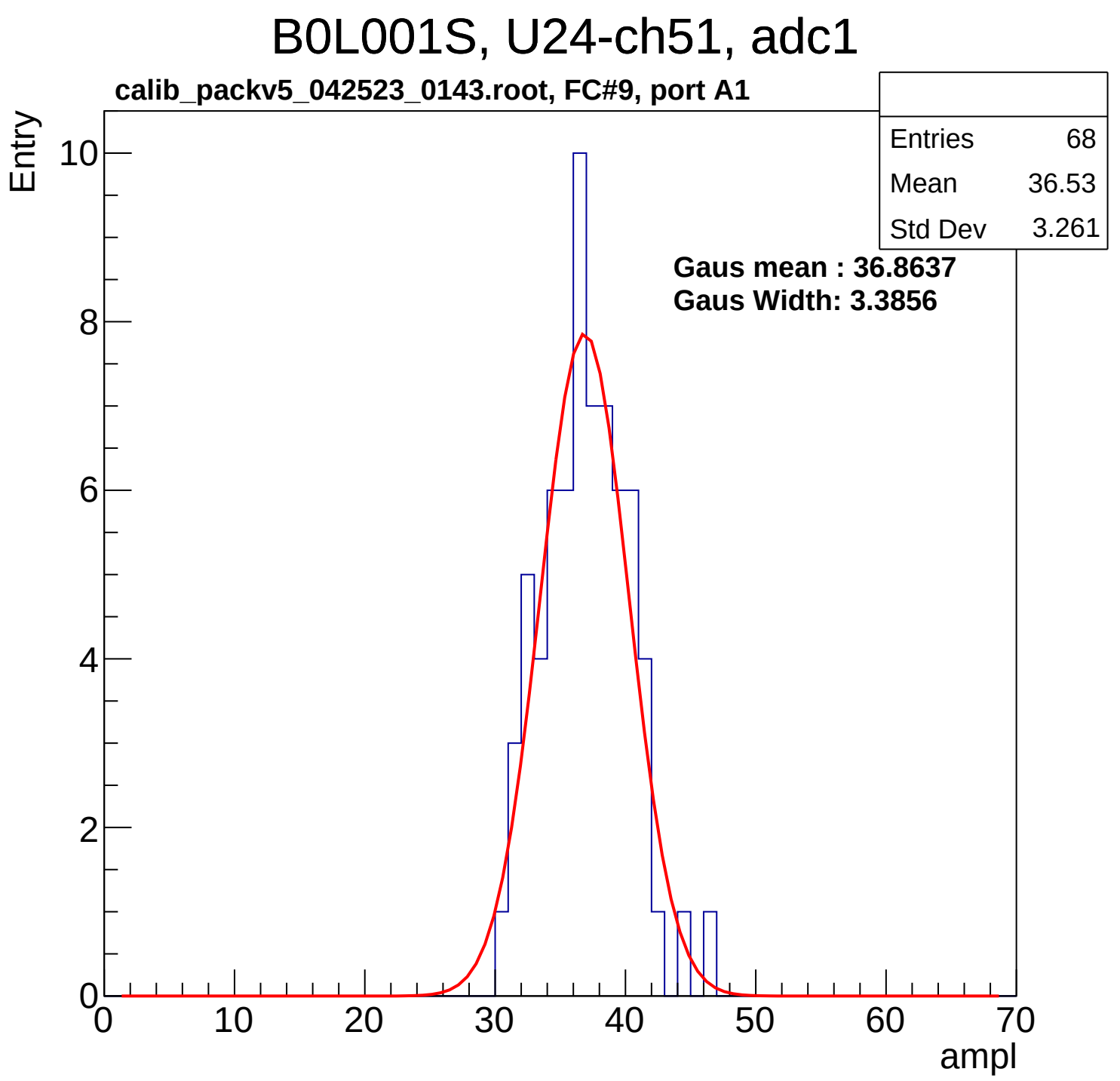
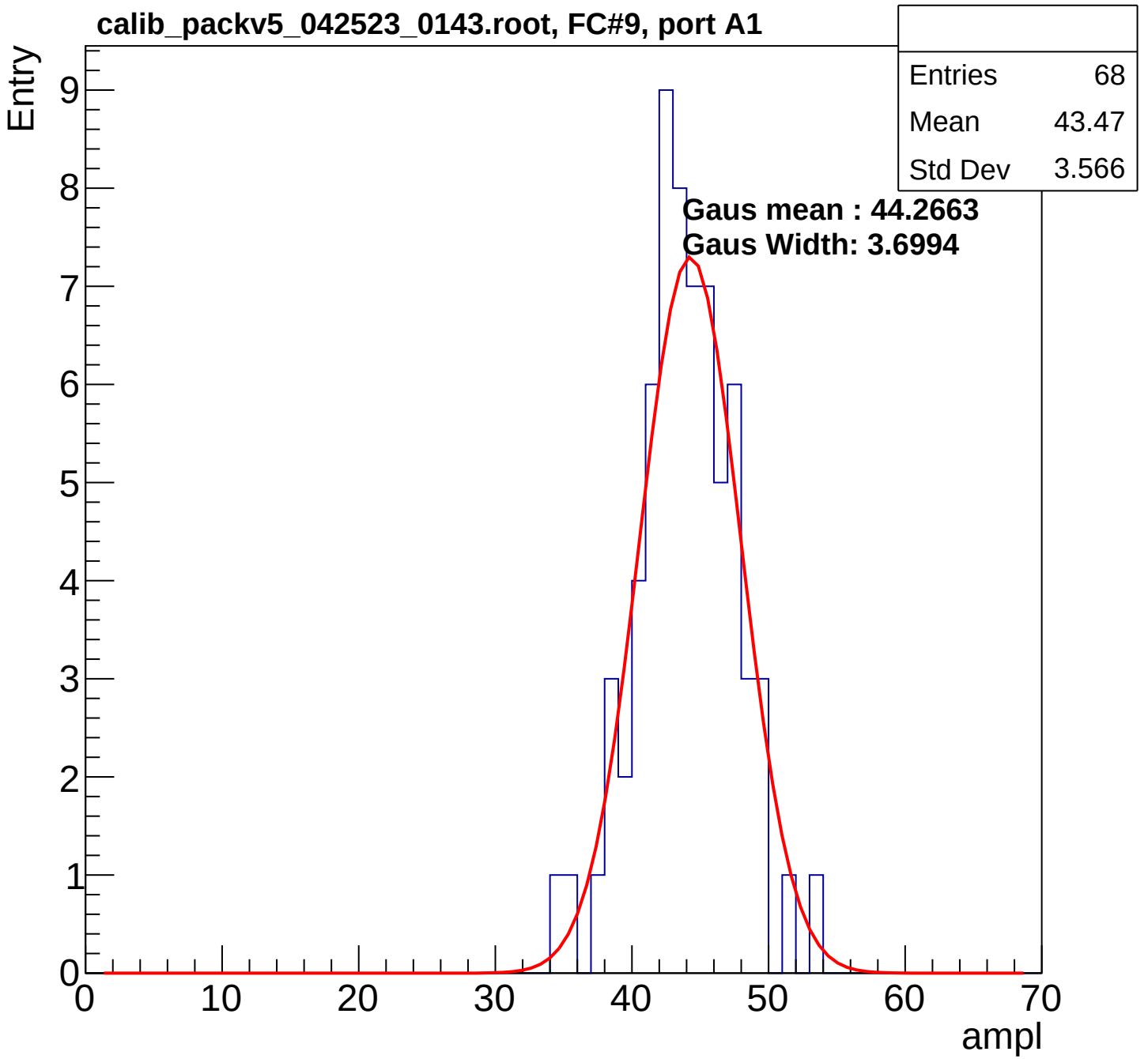
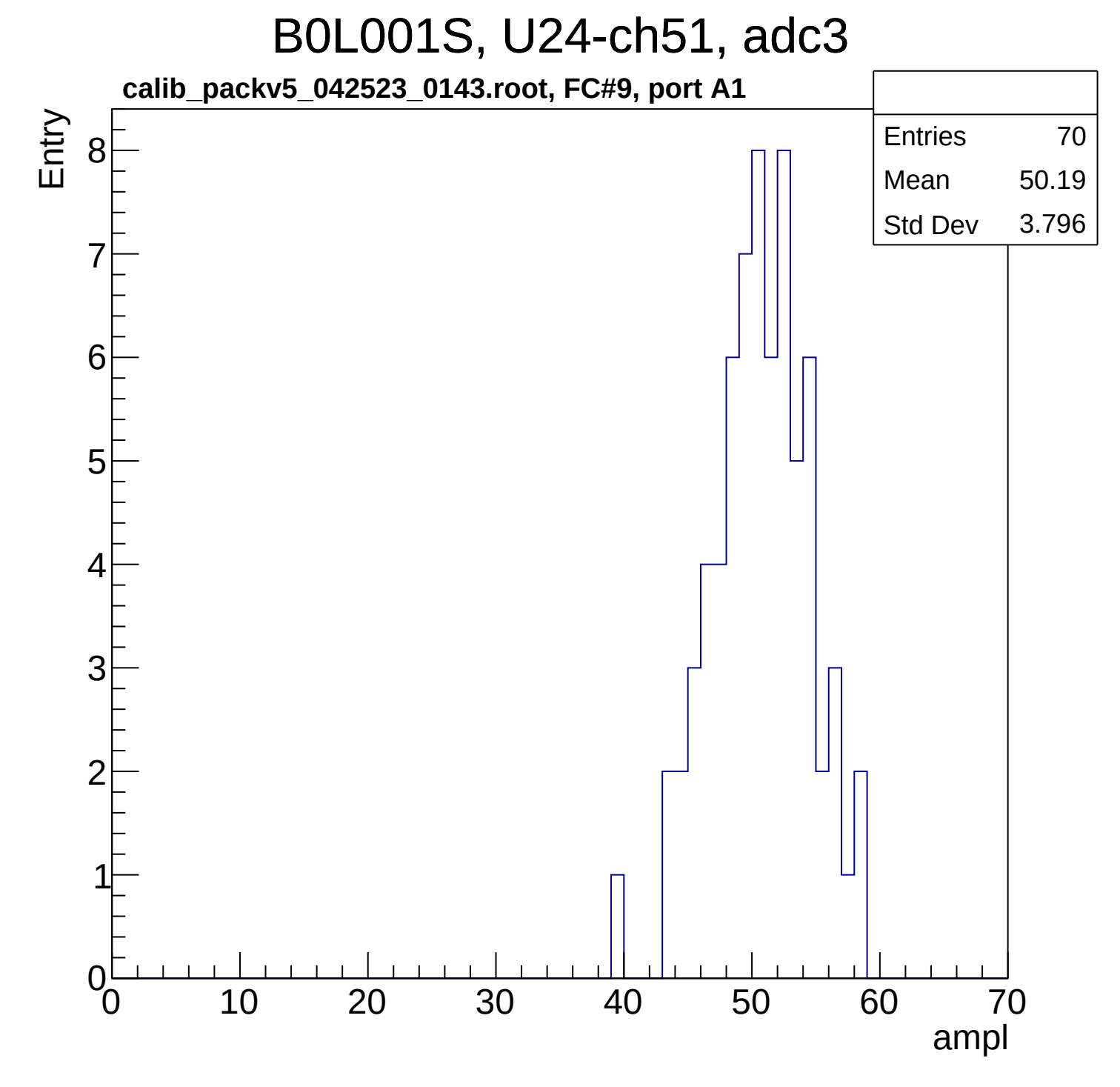
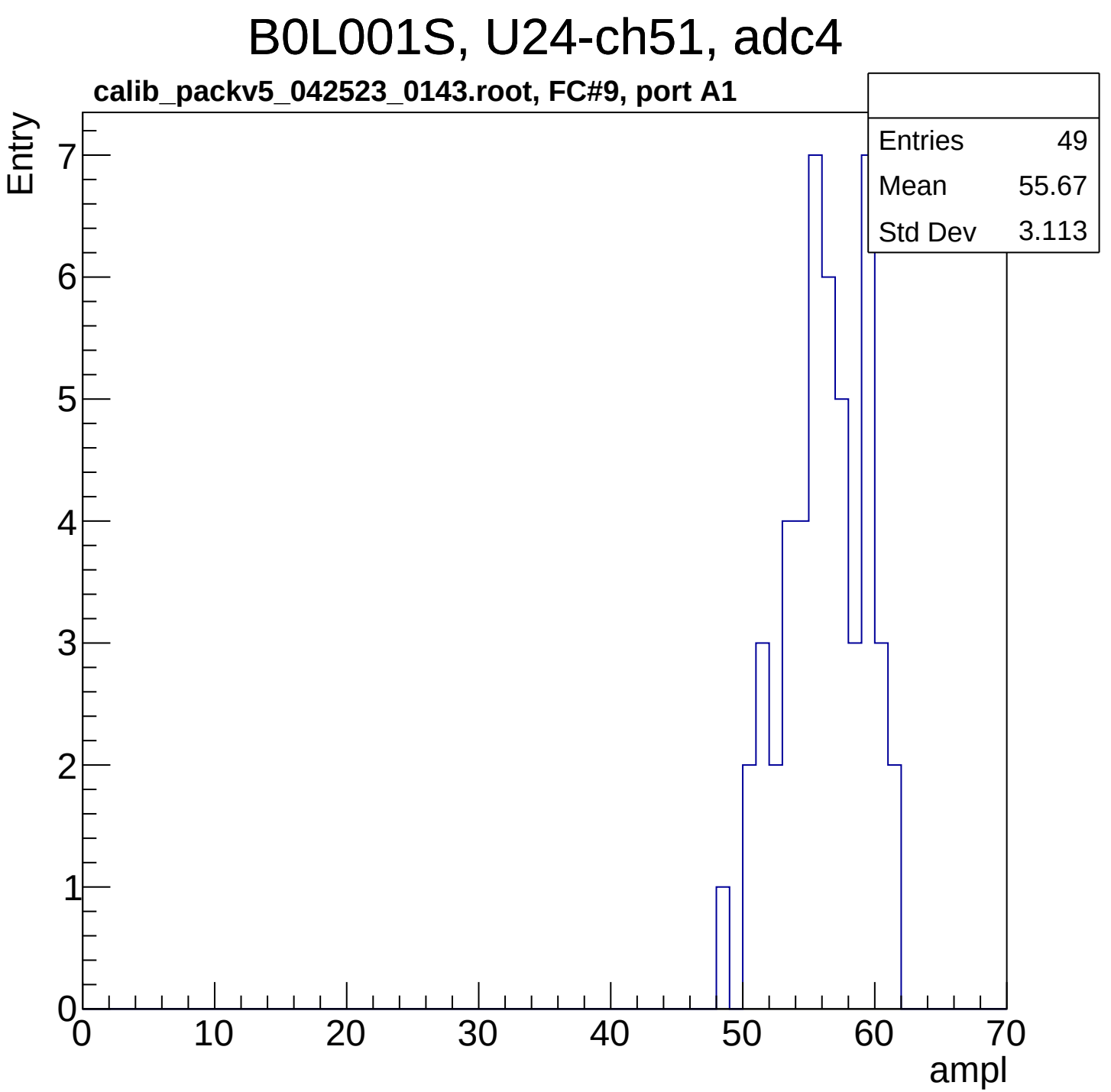
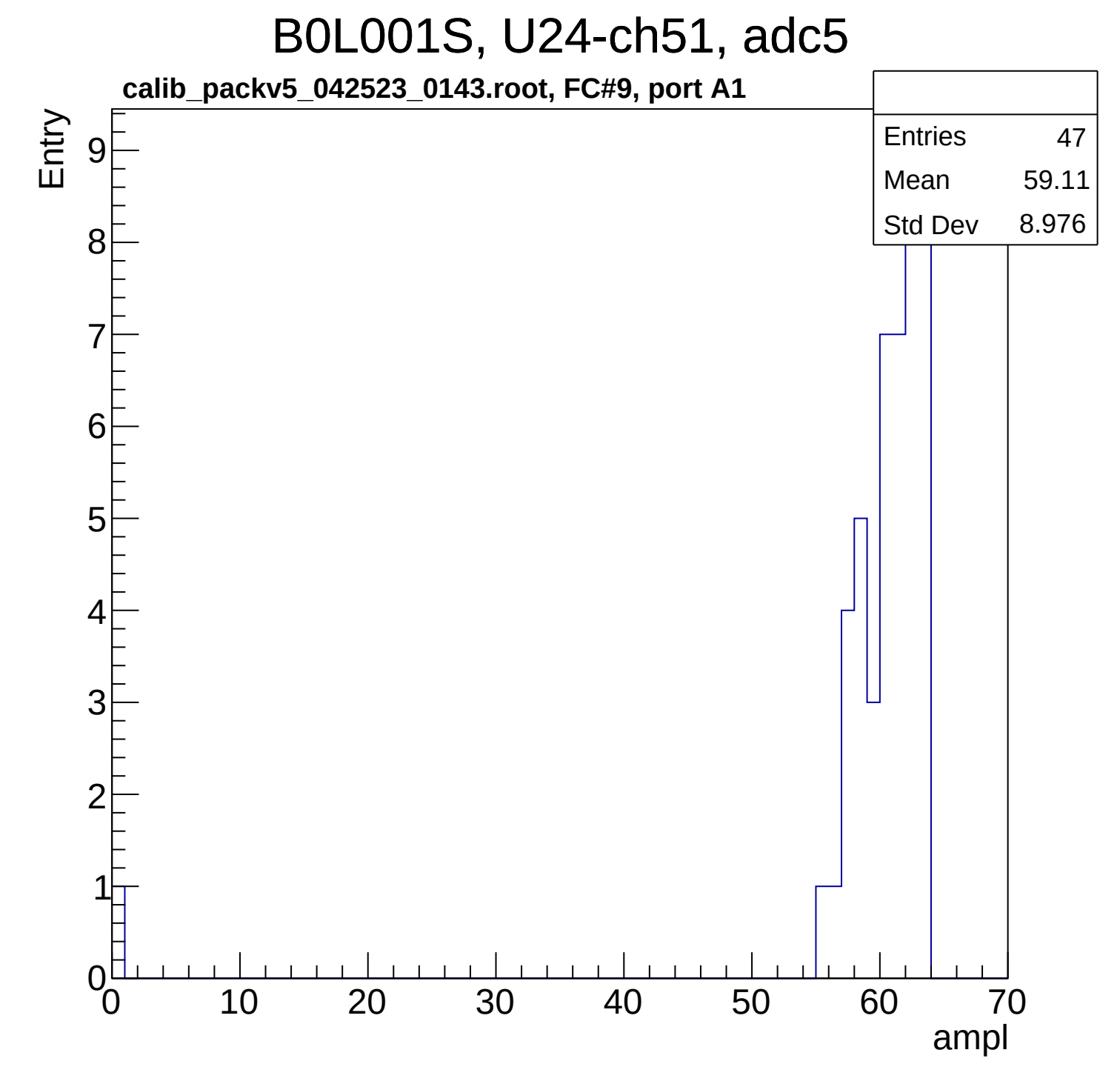

B0L001S, U24-ch51, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 29.25
Std Dev 6.387
Gaus mean : 30.8058
Gaus Width: 3.9332
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch51, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 36.53
Std Dev 3.261
Gaus mean : 36.8637
Gaus Width: 3.3856
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch51, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 43.47
Std Dev 3.566
Gaus mean : 44.2663
Gaus Width: 3.6994
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch51, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 50.19
Std Dev 3.796
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch51, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 55.67
Std Dev 3.113
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch51, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 59.11
Std Dev 8.976
Entry
ampl
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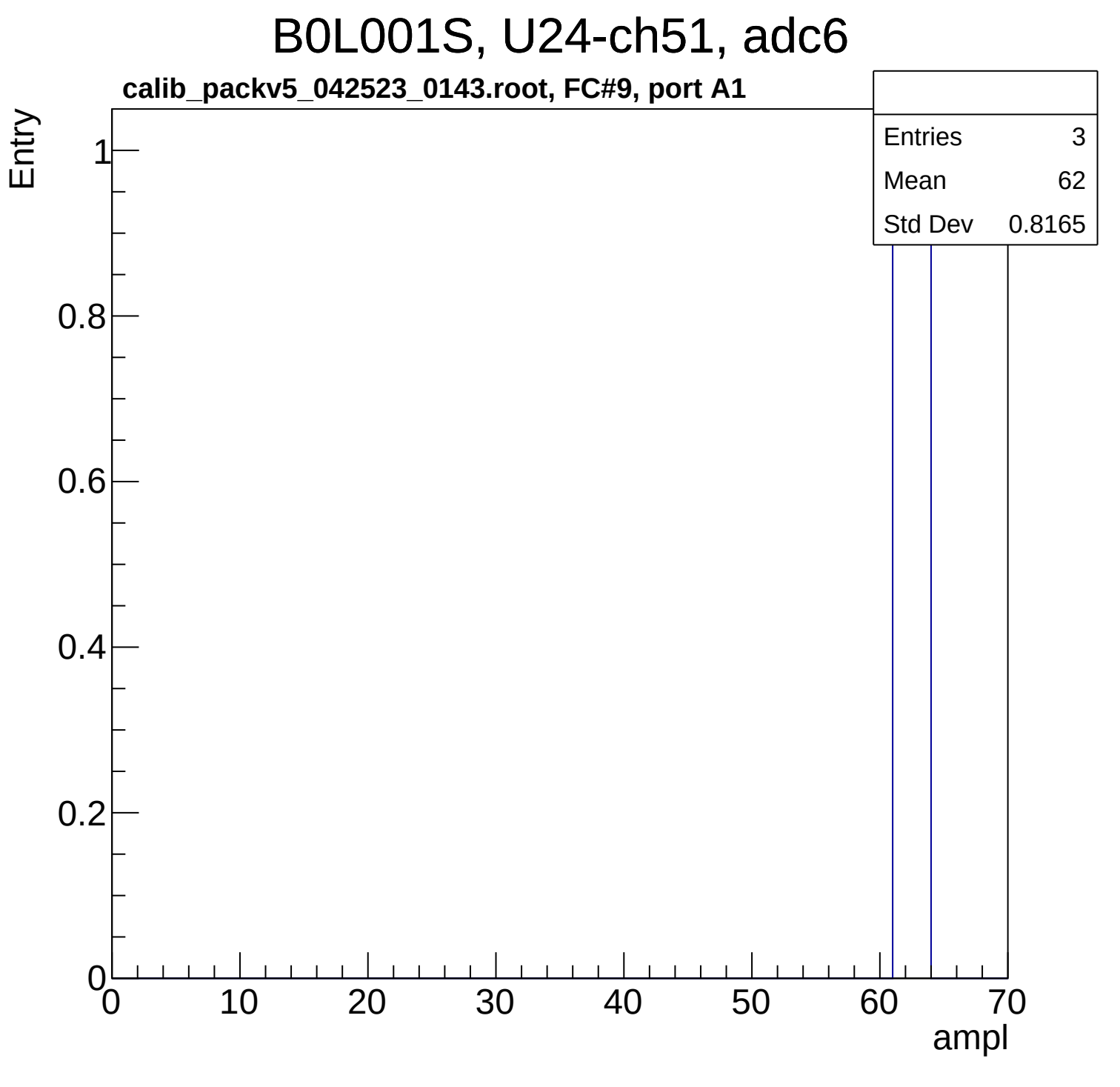
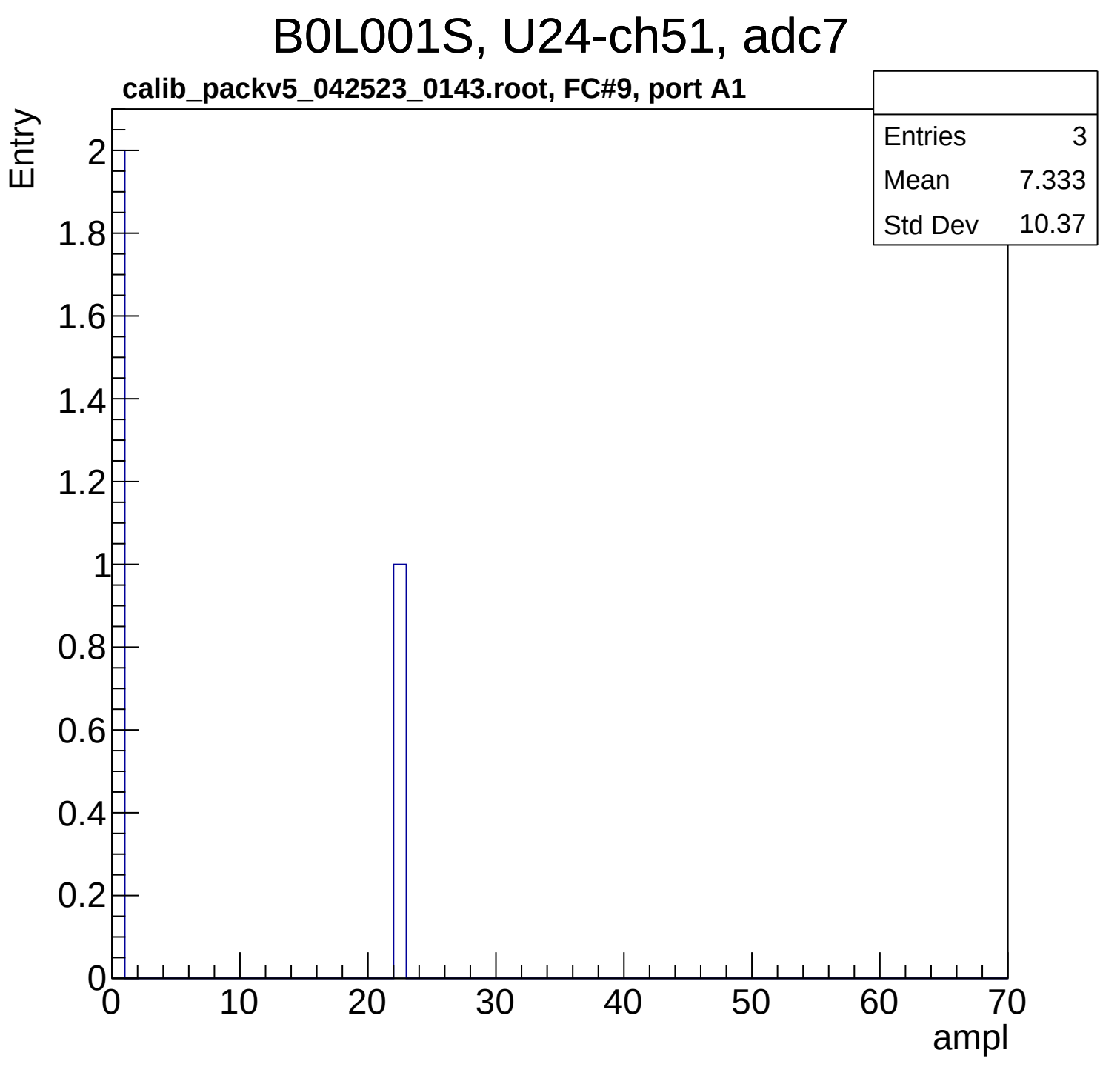
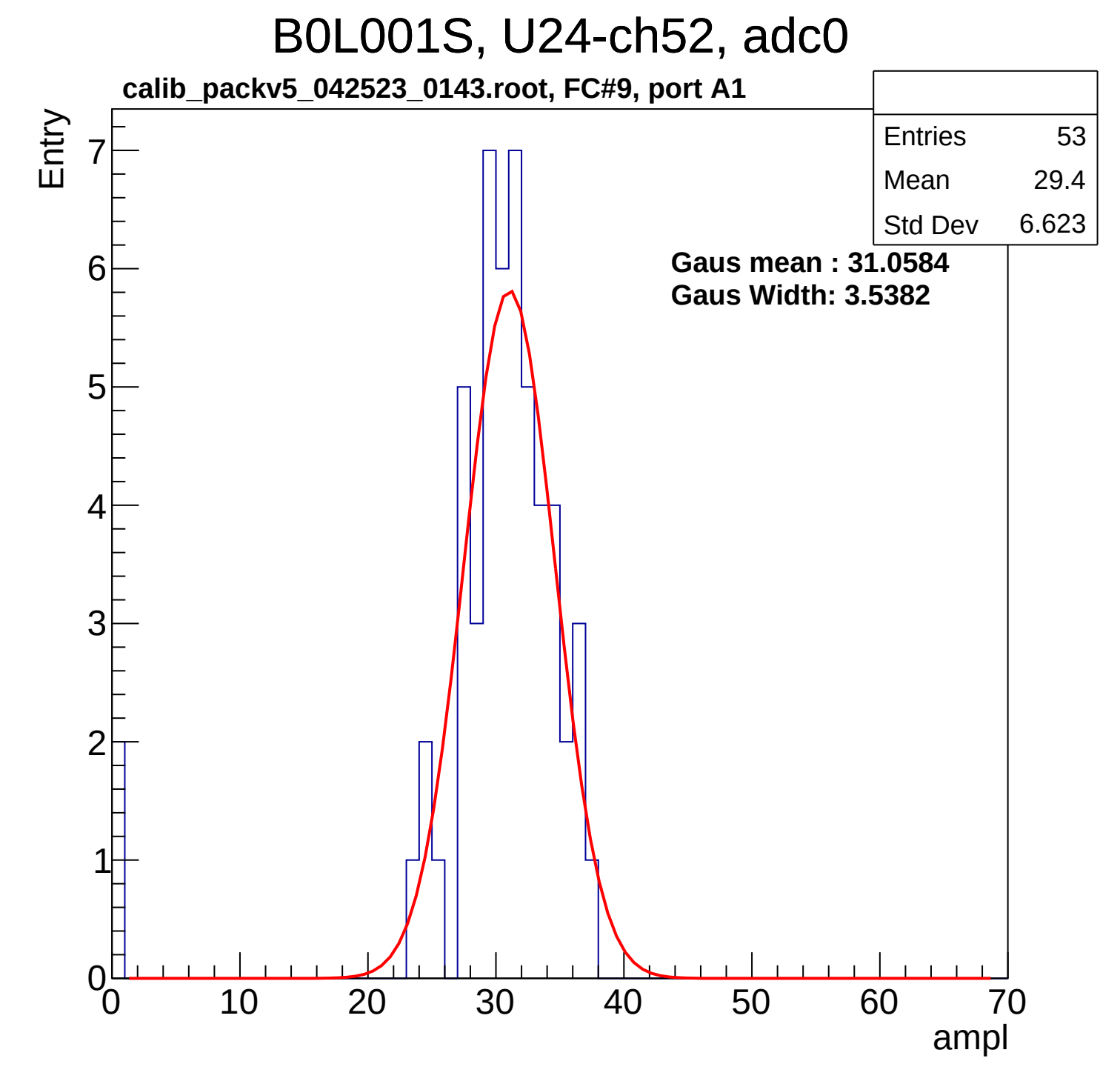
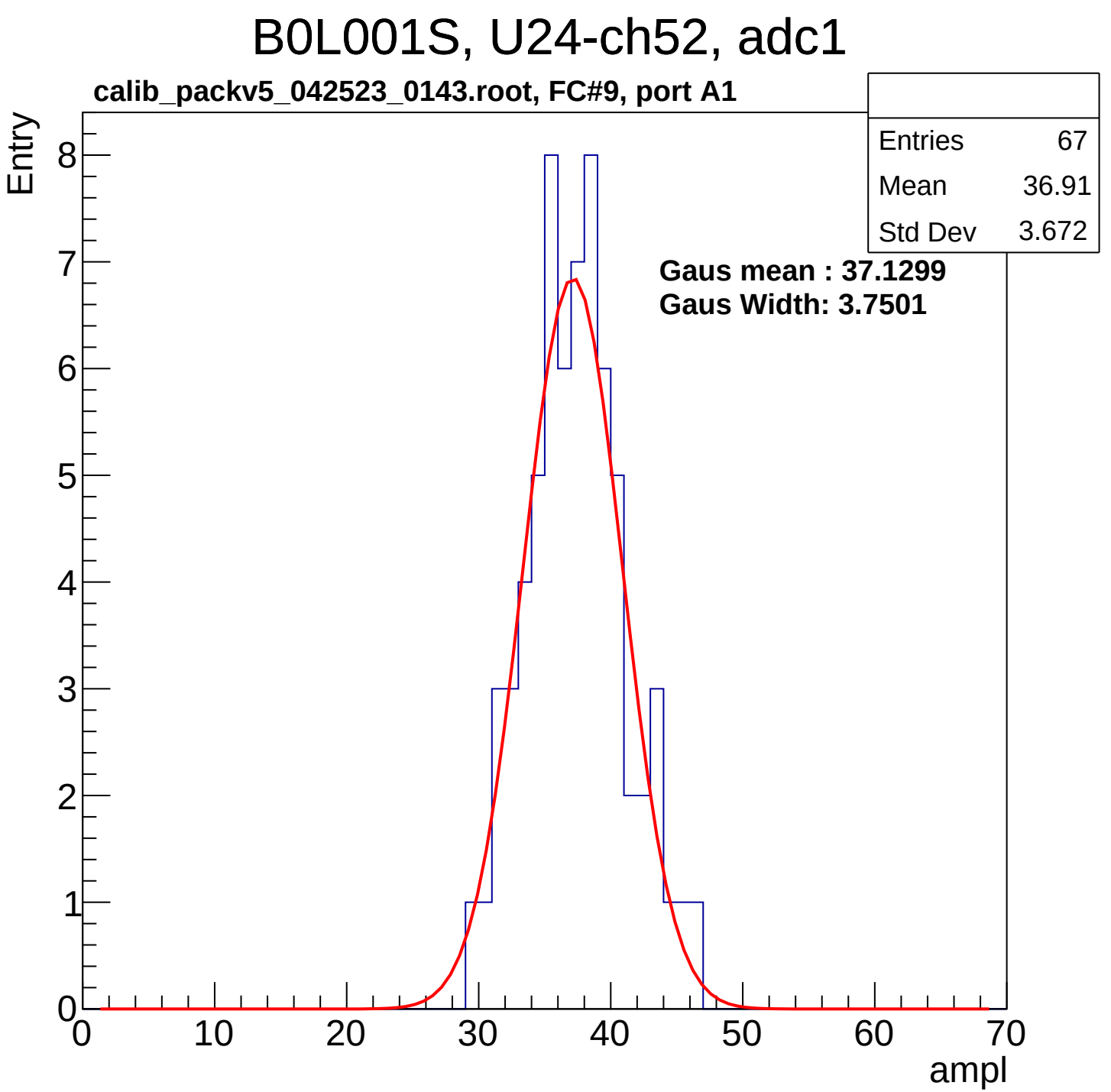
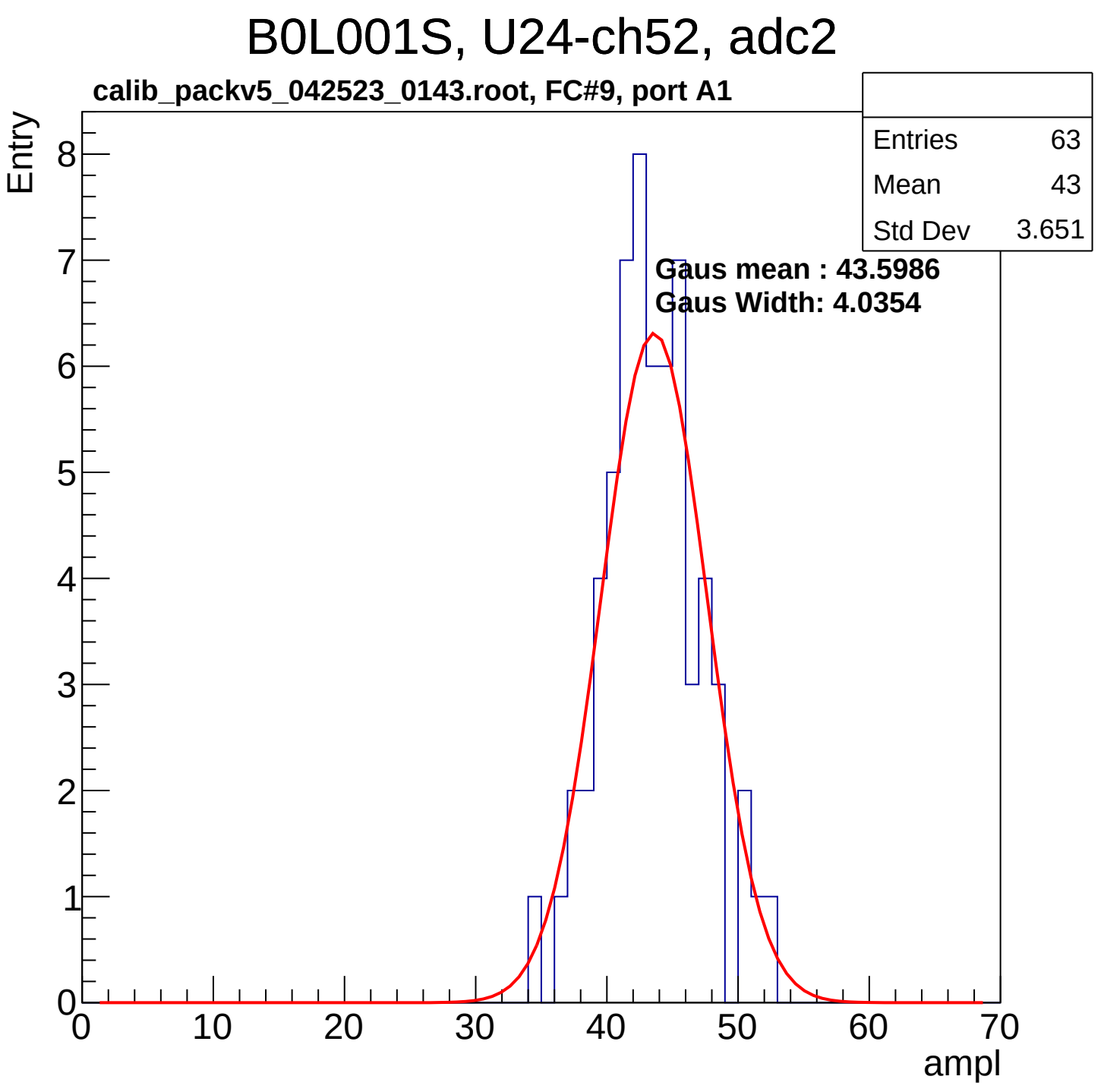
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

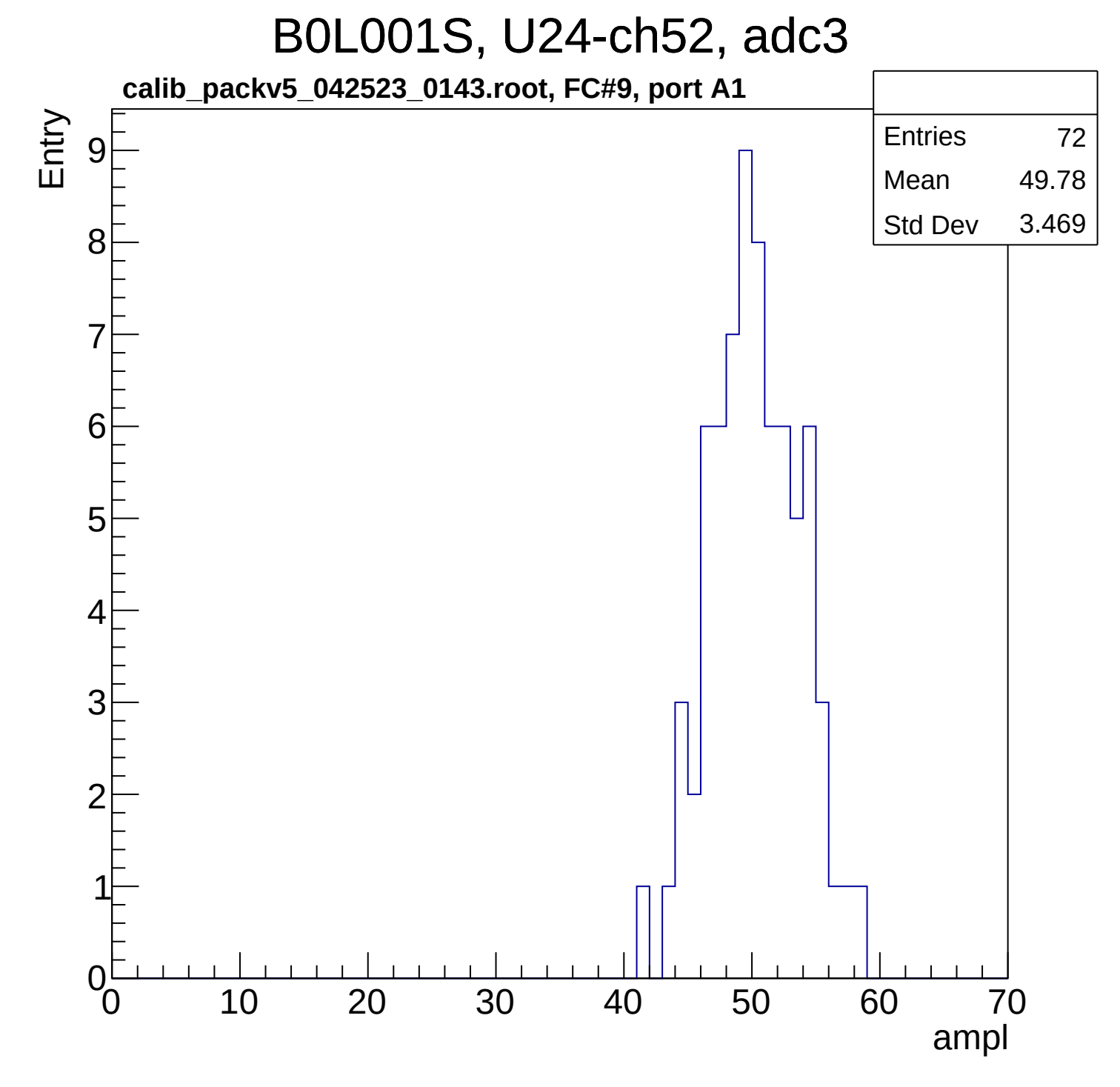

B0L001S, U24-ch51, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62
Std Dev 0.8165
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch51, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch52, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 29.4
Std Dev 6.623
Gaus mean : 31.0584
Gaus Width: 3.5382
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch52, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 36.91
Std Dev 3.672
Gaus mean : 37.1299
Gaus Width: 3.7501
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch52, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 43
Std Dev 3.651
Gaus mean : 43.5986
Gaus Width: 4.0354
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch52, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 49.78
Std Dev 3.469
Entry
ampl
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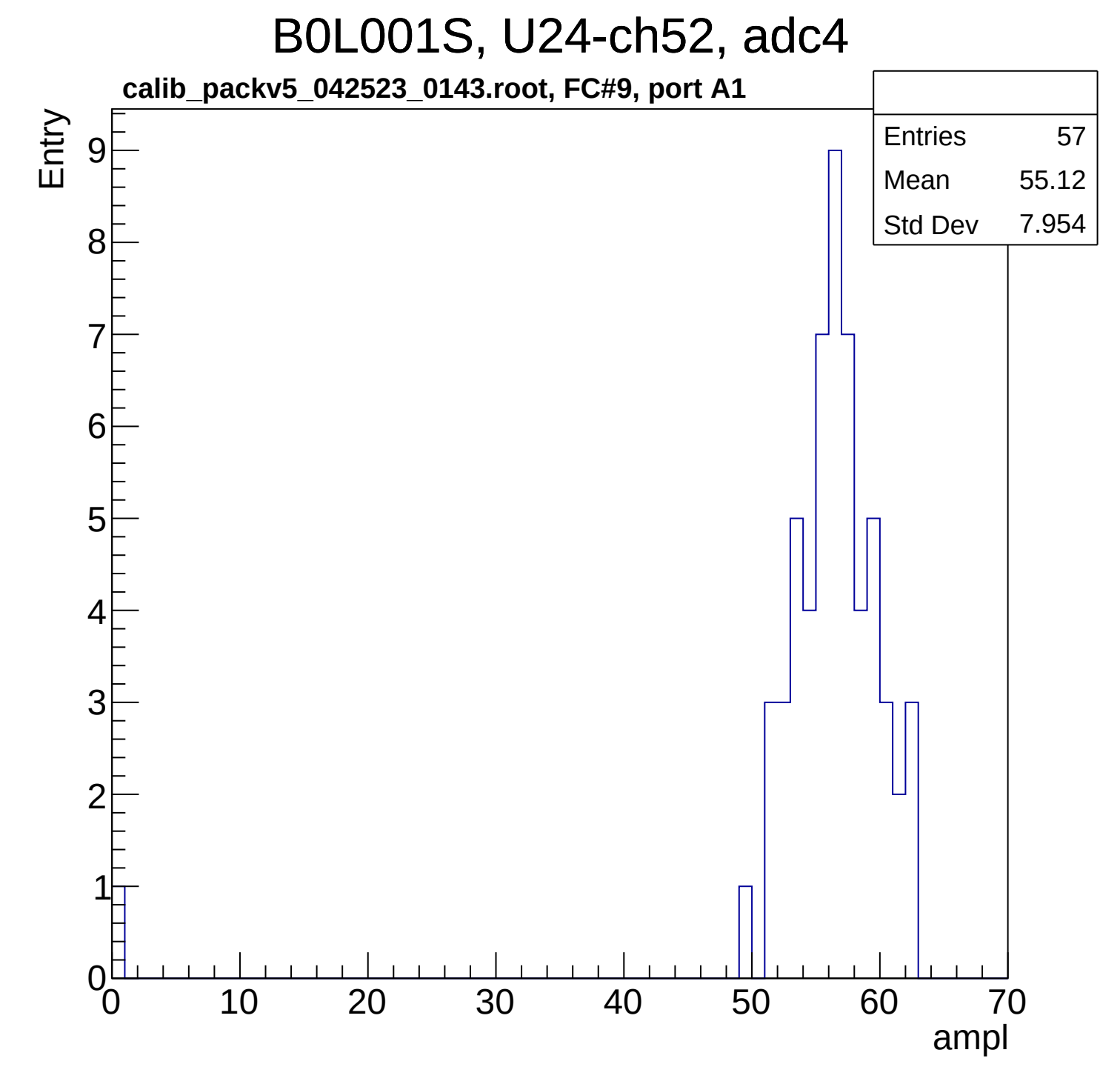
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch52, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 55.12
Std Dev 7.954
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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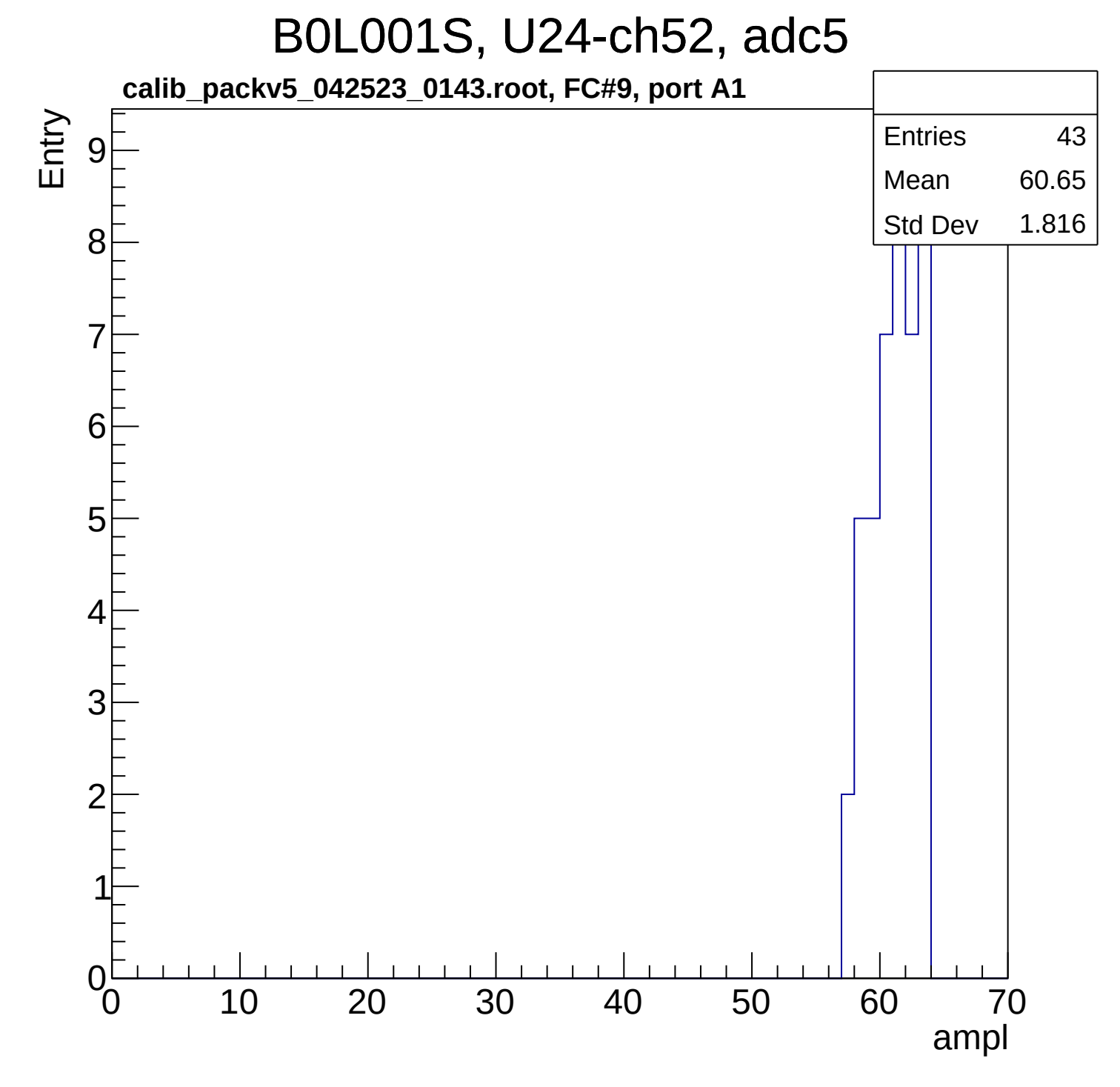
B0L001S, U24-ch52, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 60.65
Std Dev 1.816
Entry
ampl
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3
4
5
6
7
8
9
0
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20
30
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60
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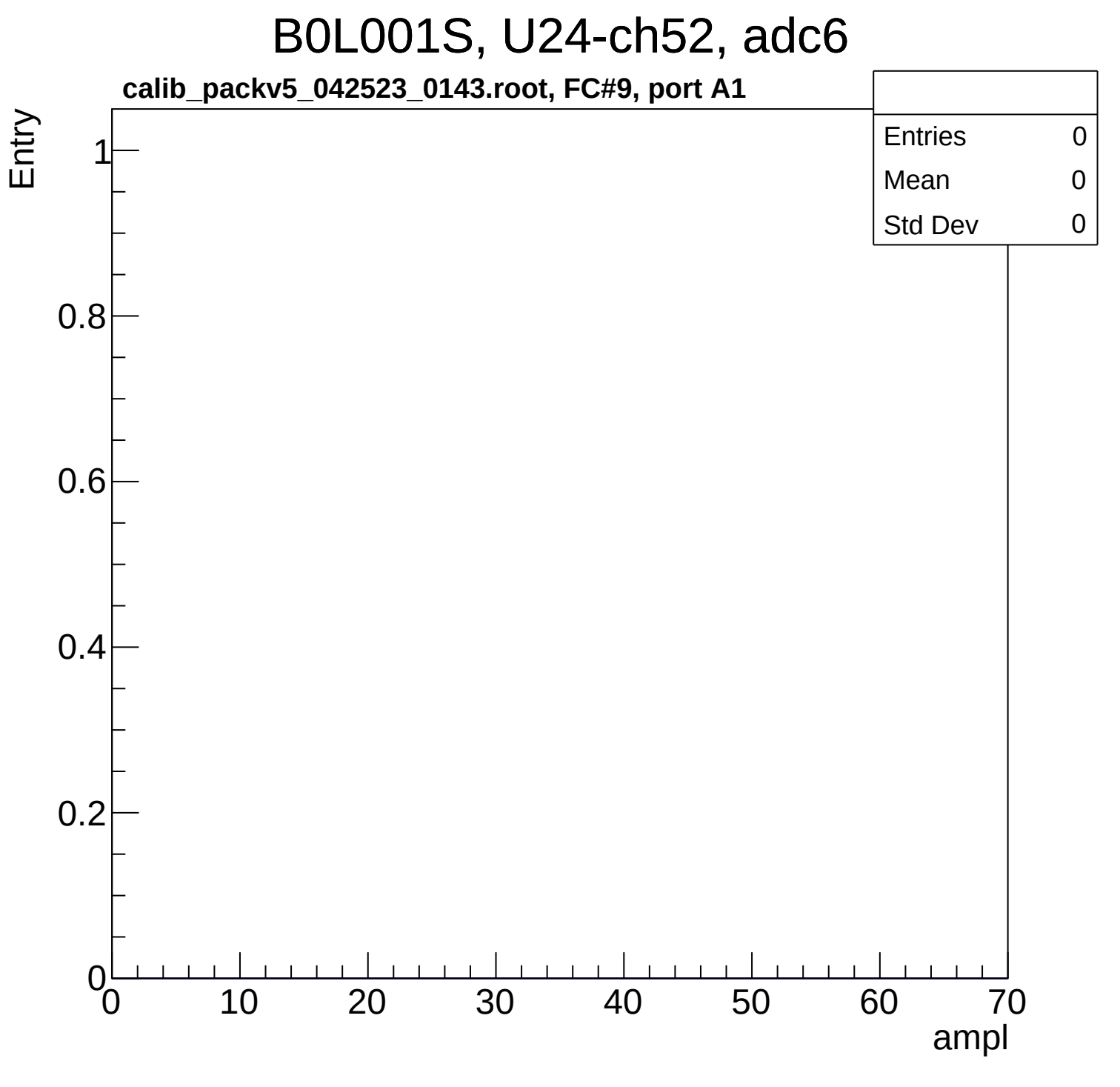
B0L001S, U24-ch52, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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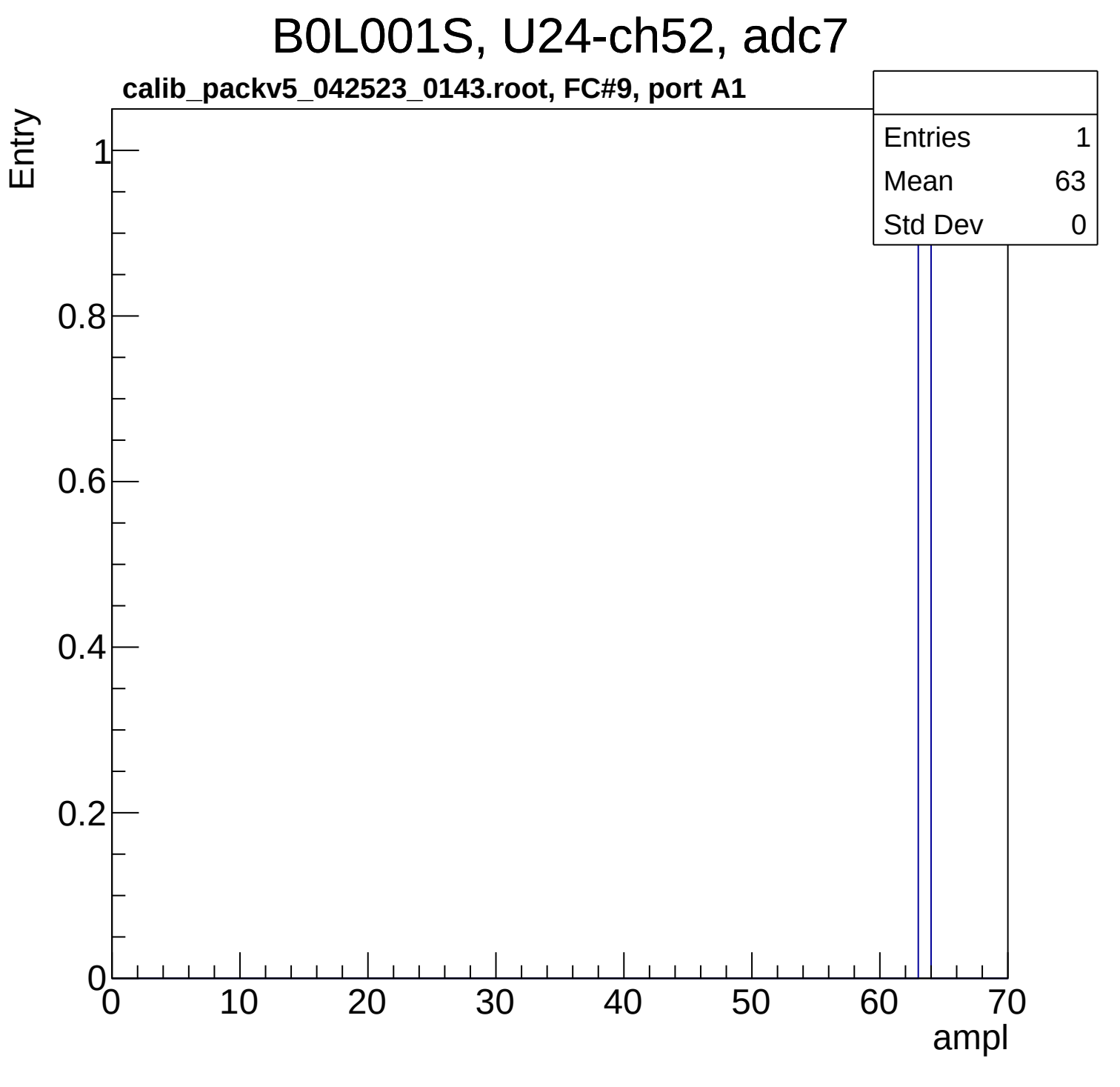
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch52, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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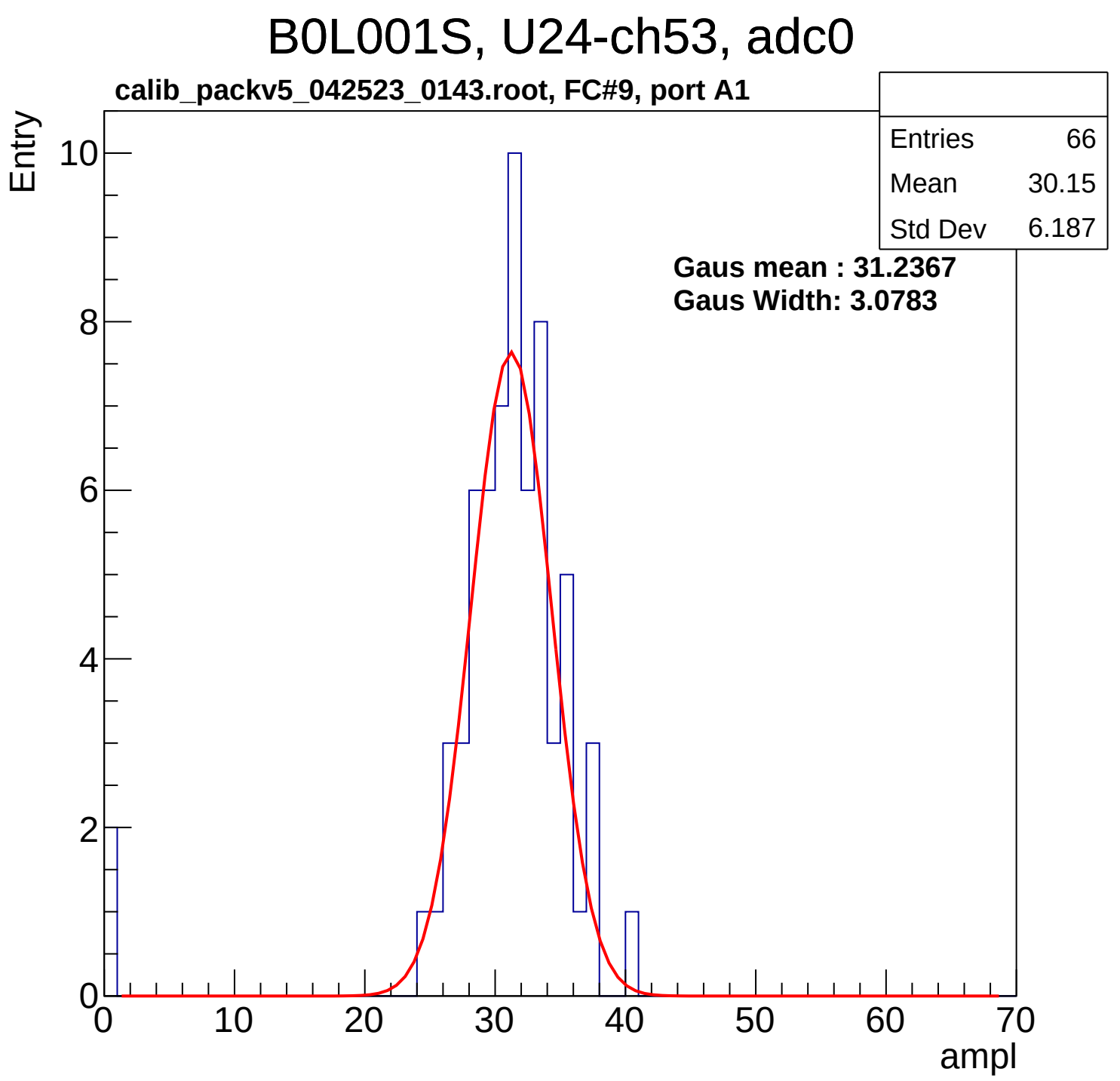
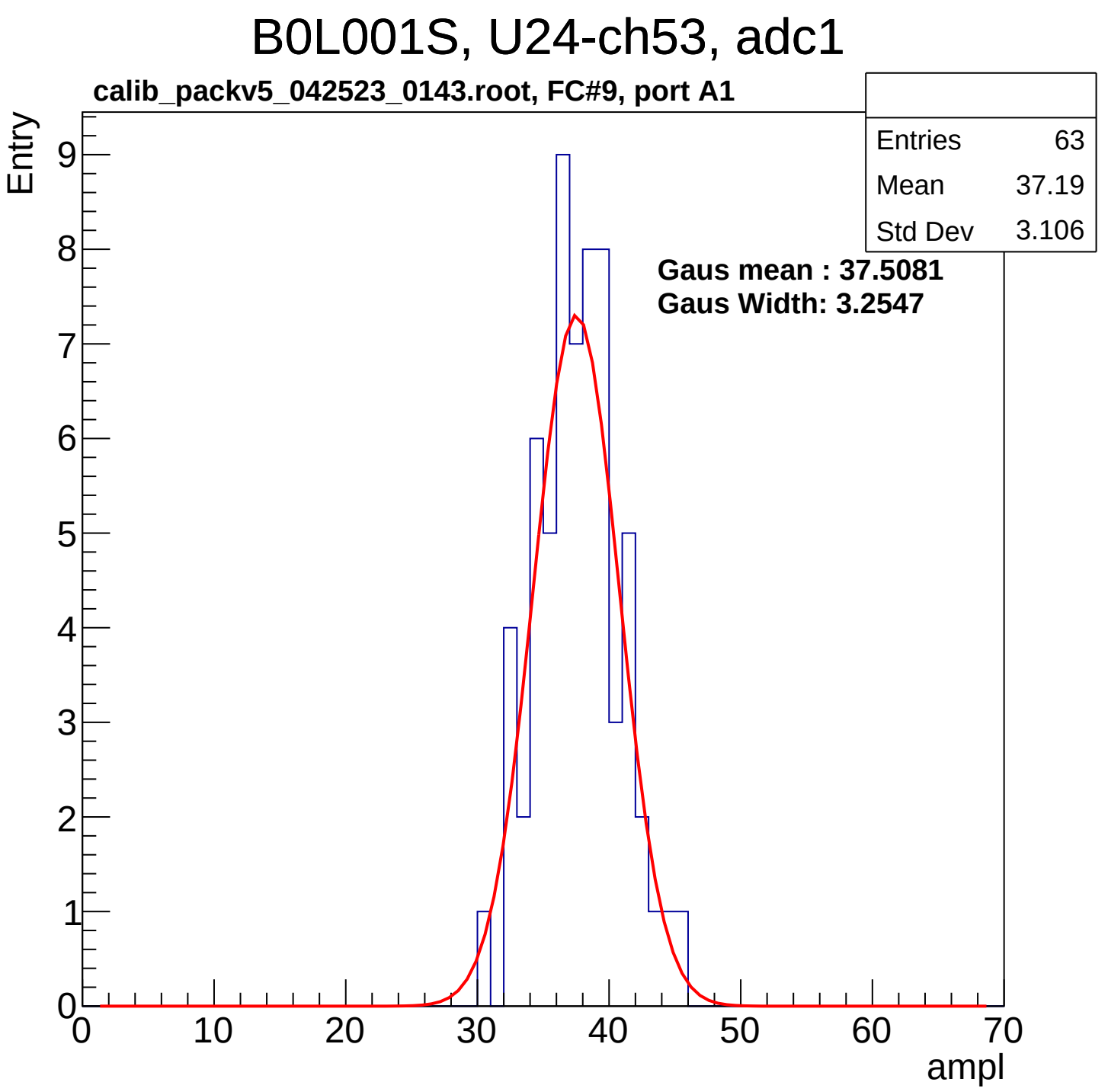
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch53, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 30.15
Std Dev 6.187
Gaus mean : 31.2367
Gaus Width: 3.0783
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch53, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 37.19
Std Dev 3.106
Gaus mean : 37.5081
Gaus Width: 3.2547
Entry
ampl
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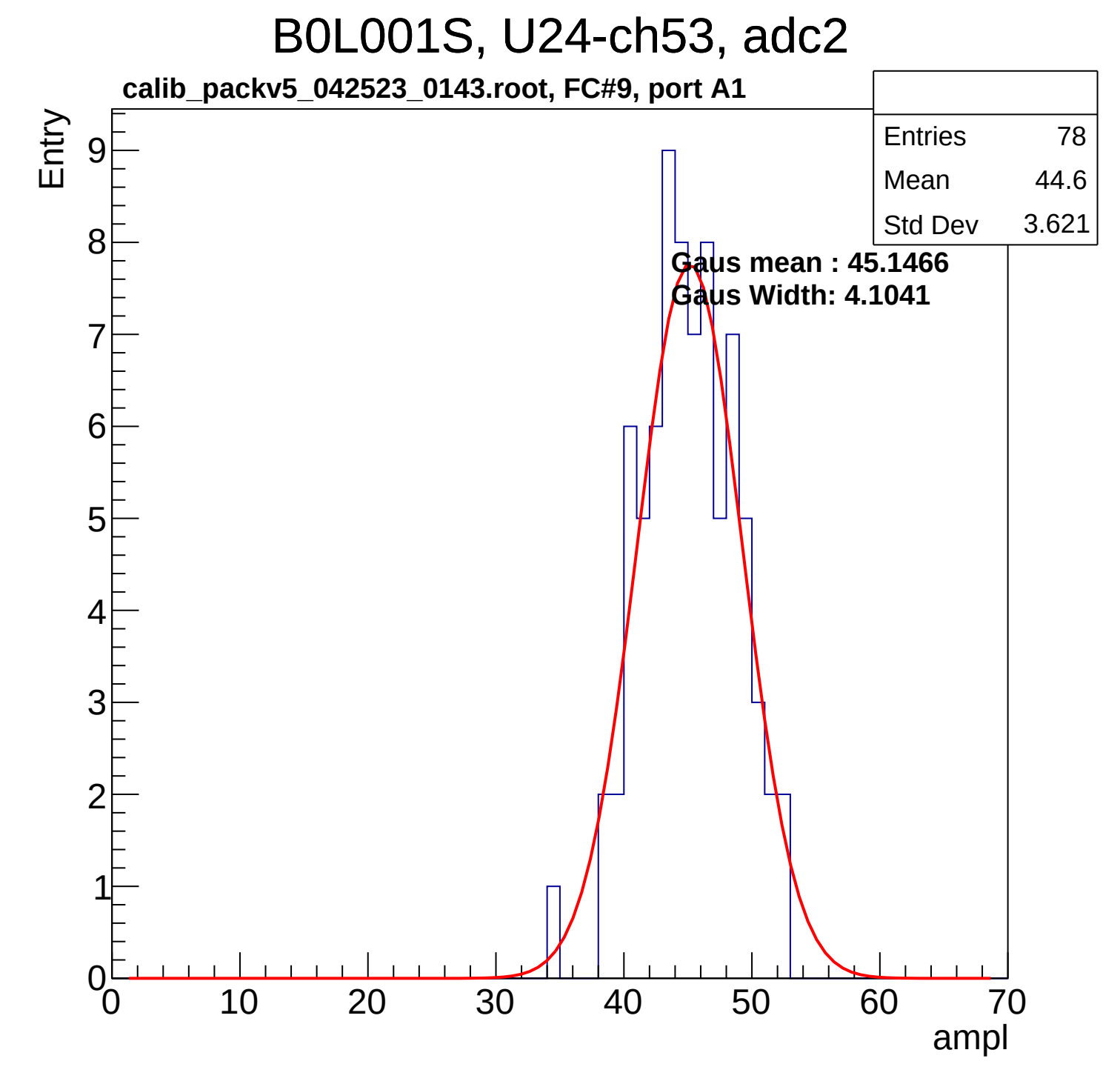
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch53, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 44.6
Std Dev 3.621
Gaus mean : 45.1466
Gaus Width: 4.1041
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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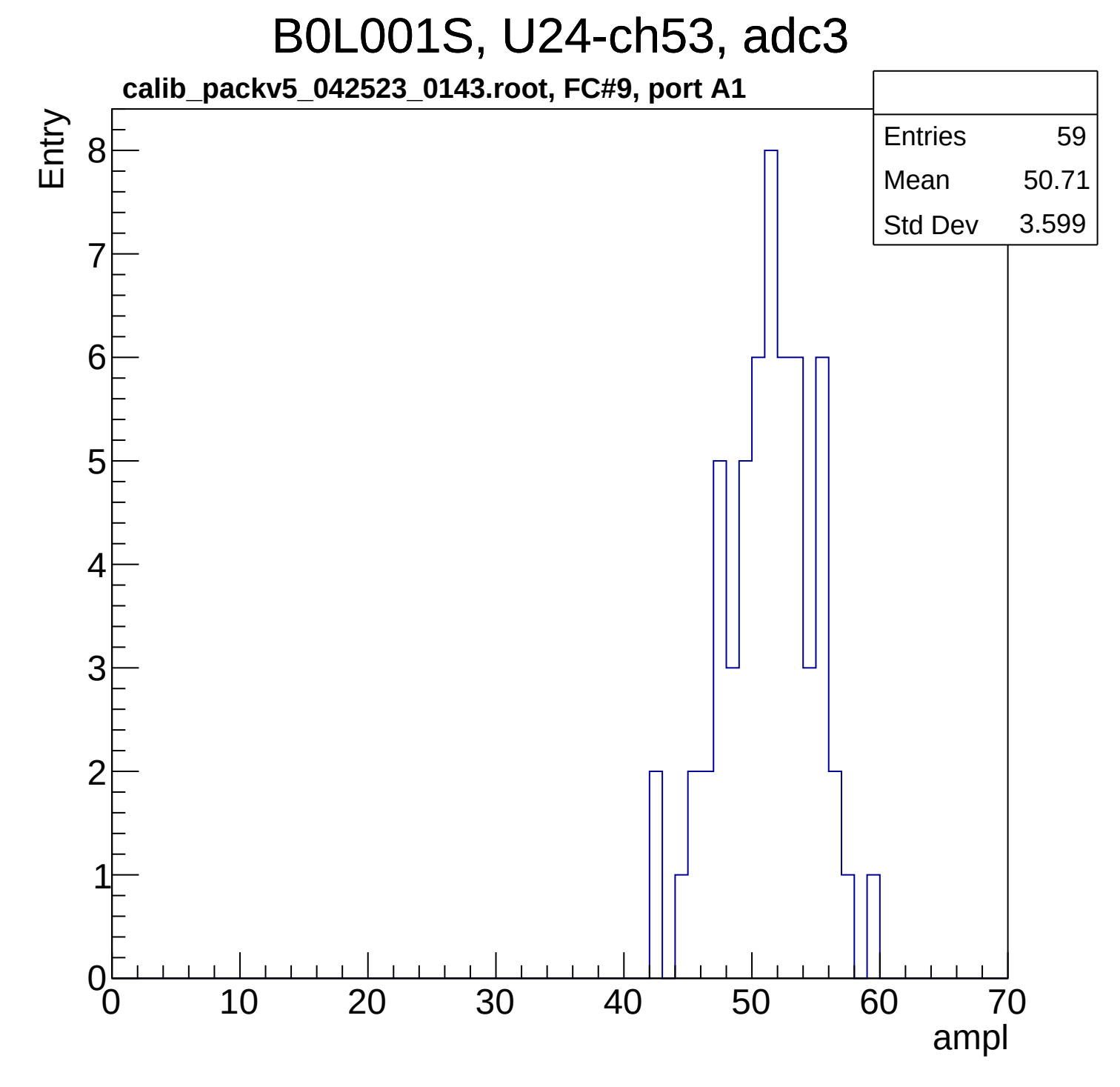
B0L001S, U24-ch53, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 50.71
Std Dev 3.599
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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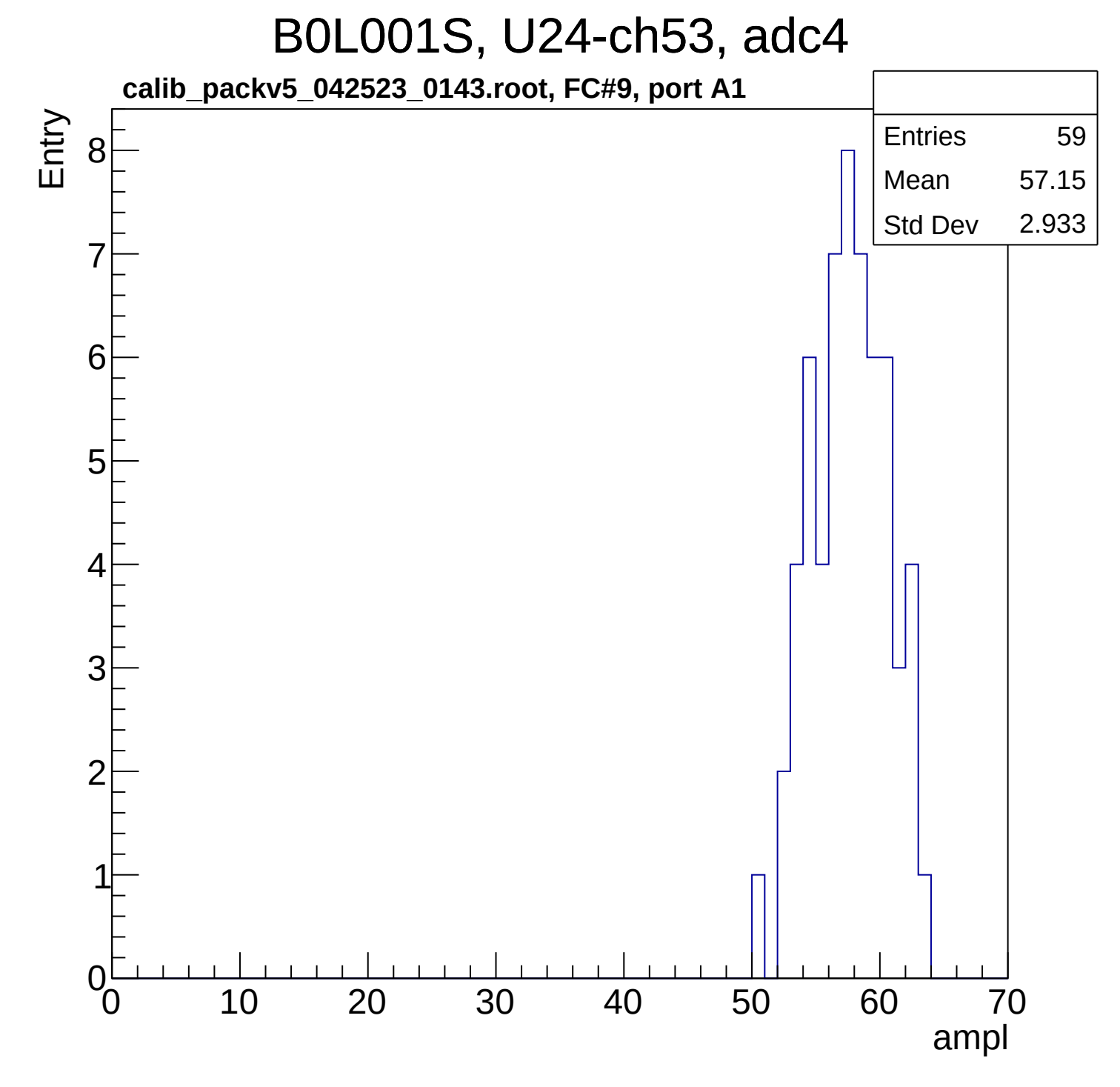
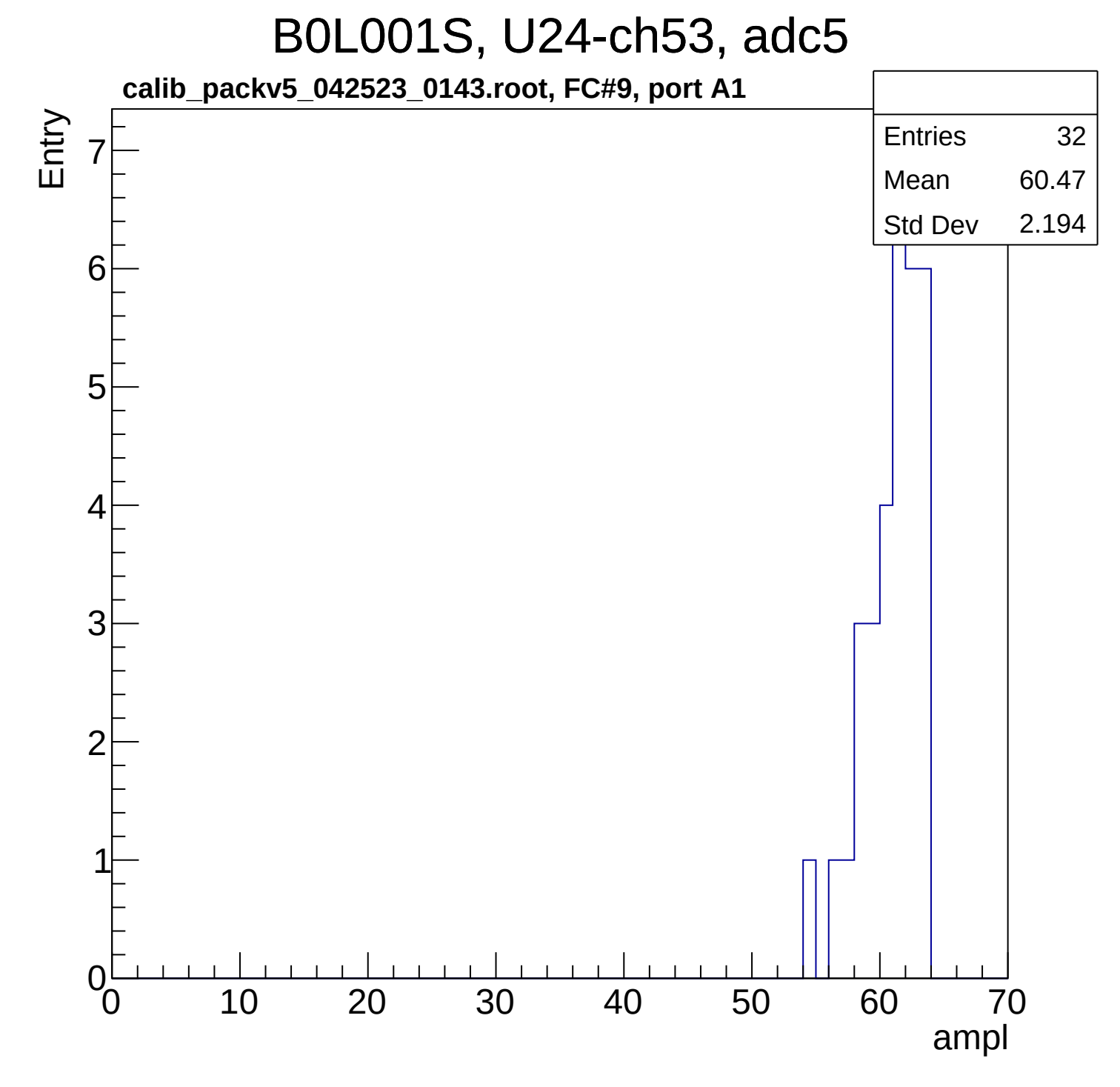

B0L001S, U24-ch53, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 57.15
Std Dev 2.933
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch53, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 60.47
Std Dev 2.194
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
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60
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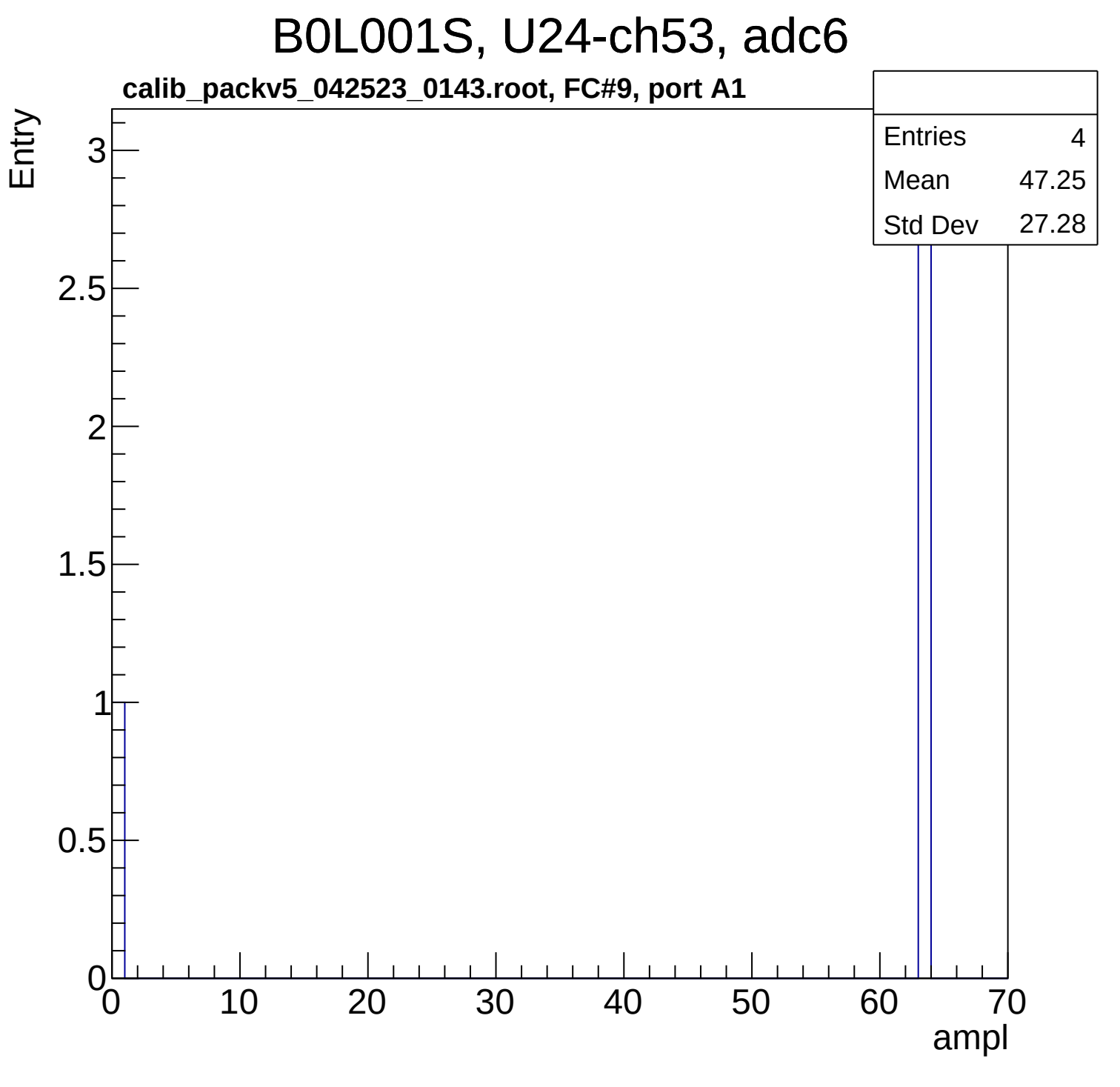
B0L001S, U24-ch53, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 47.25
Std Dev 27.28
Entry
ampl
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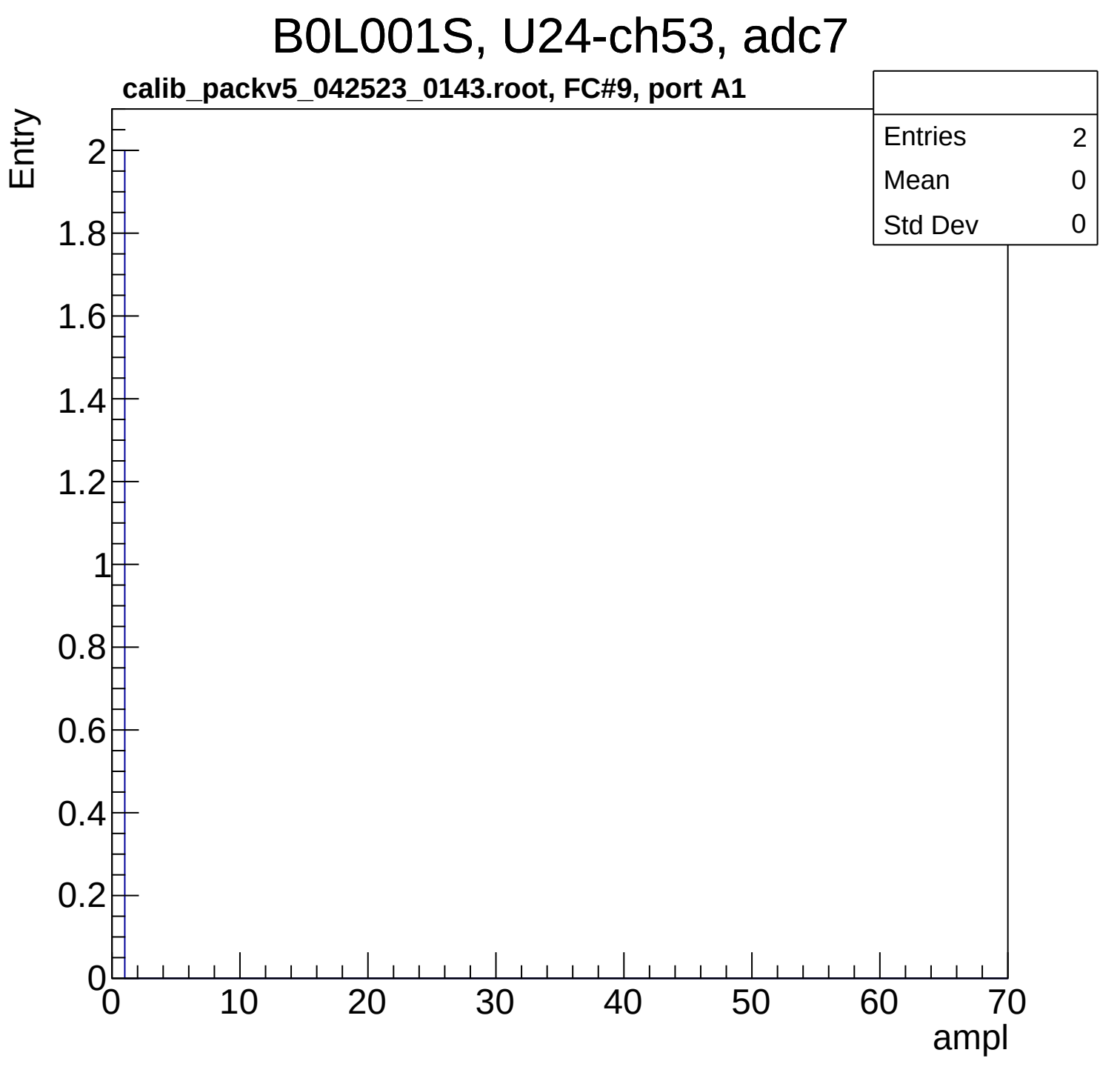
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch53, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
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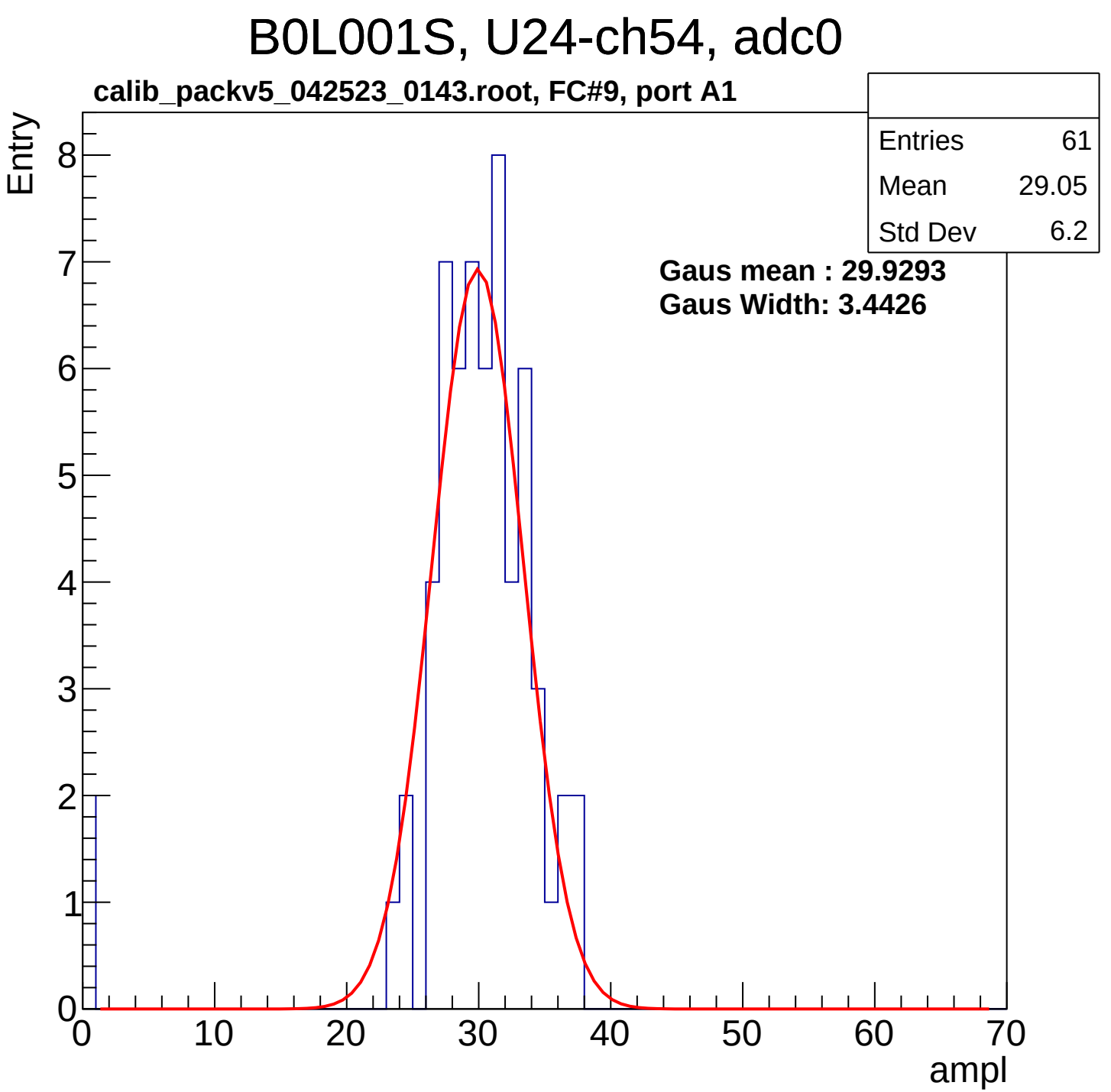
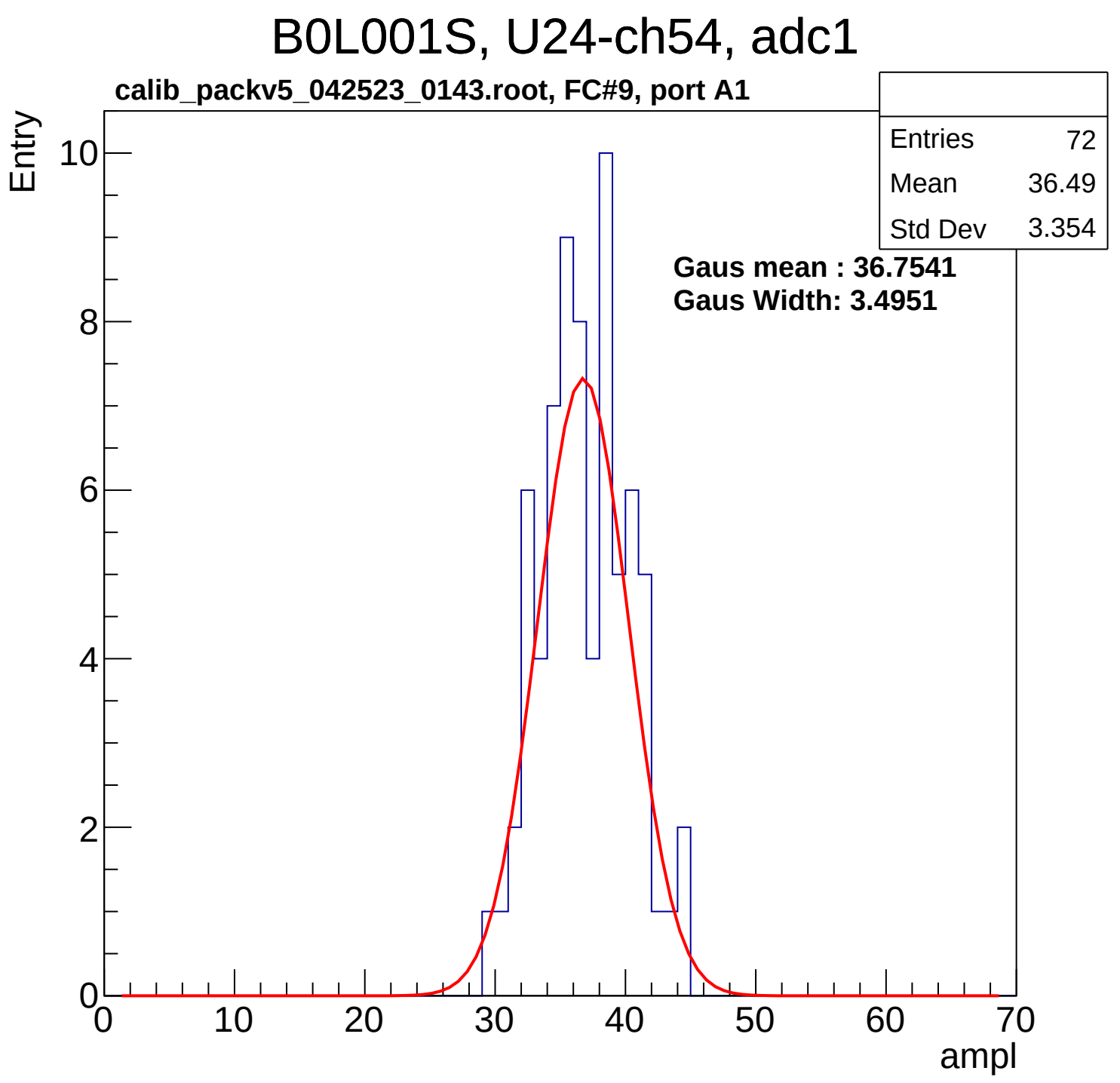
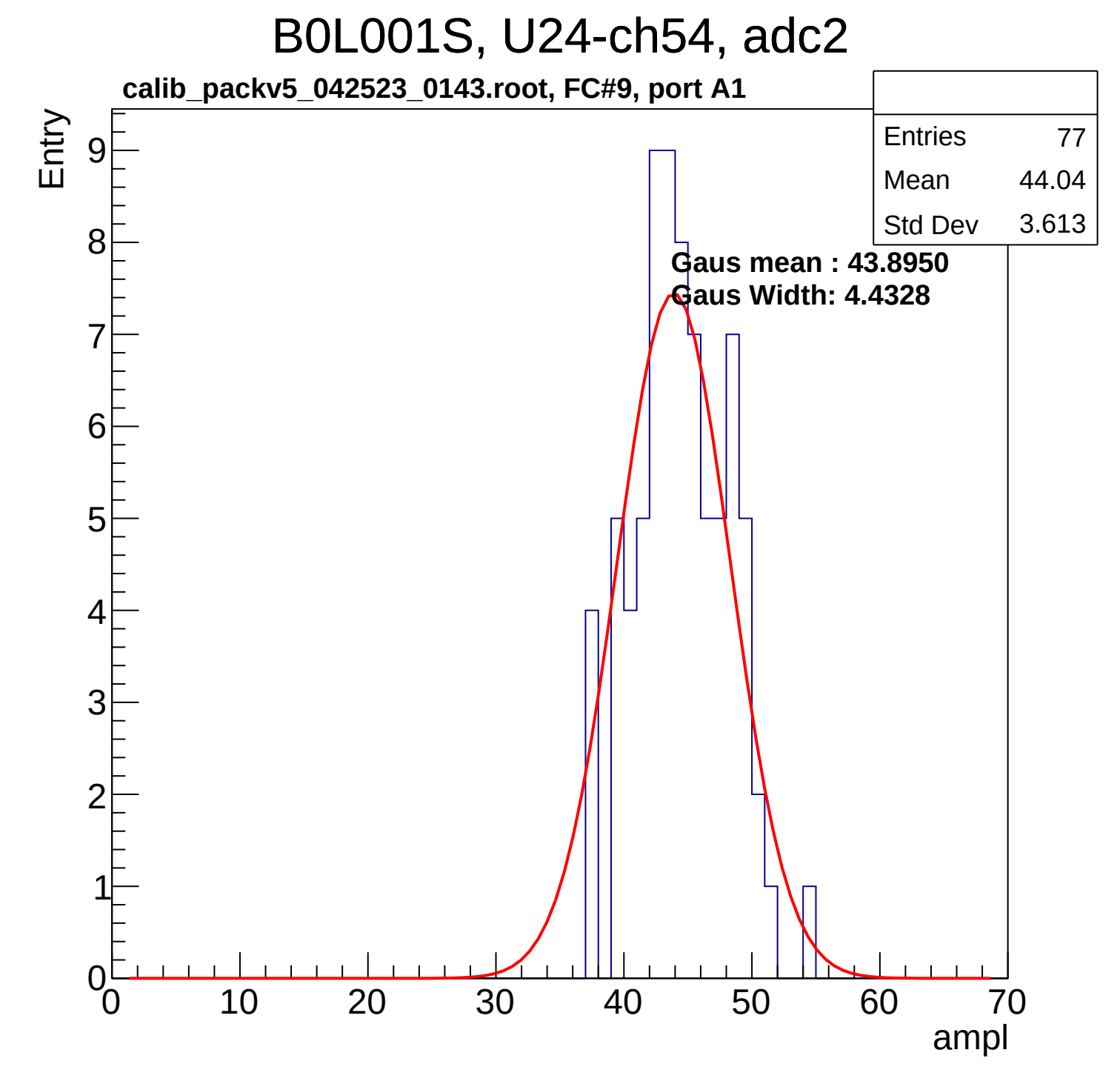
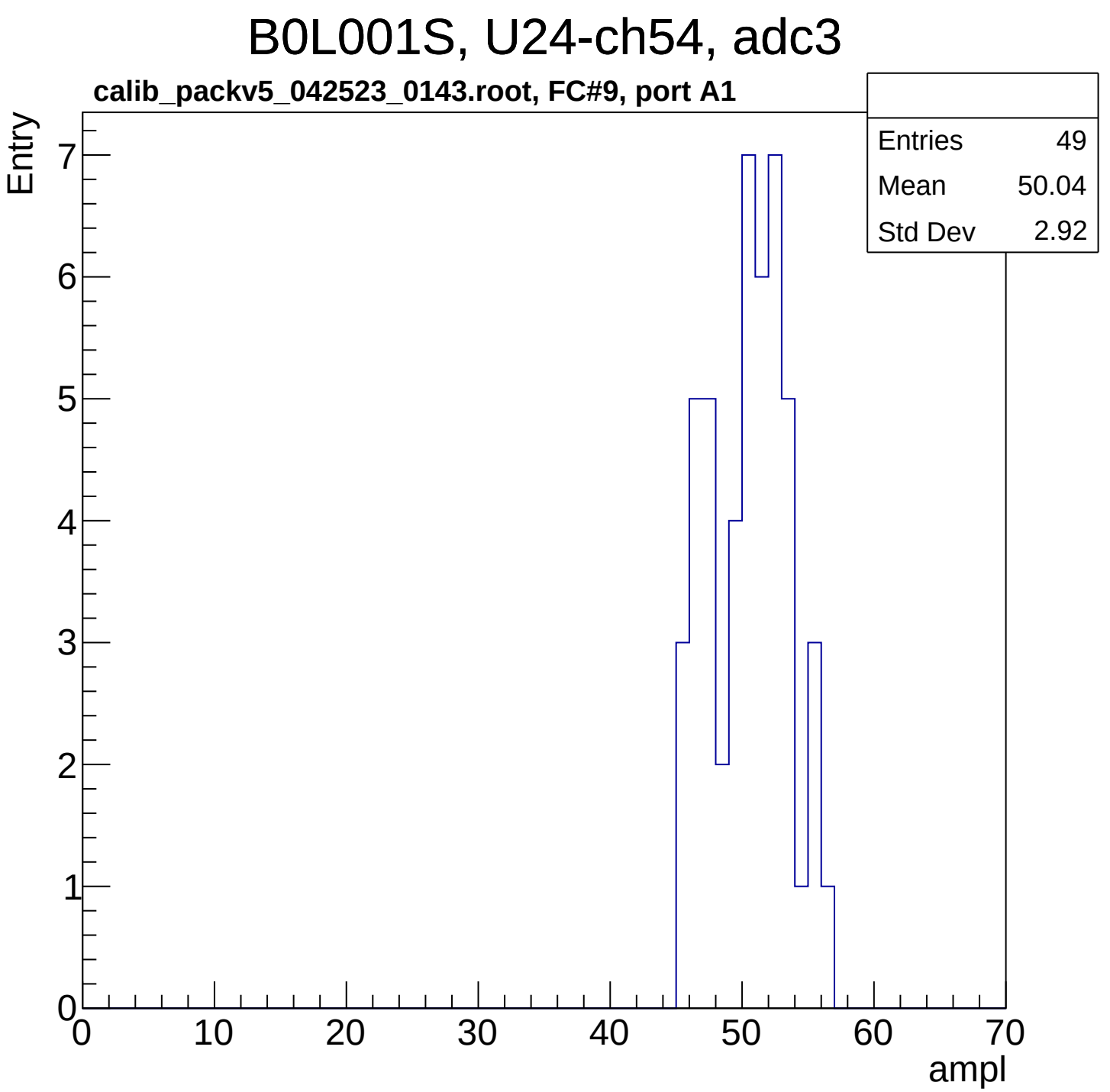
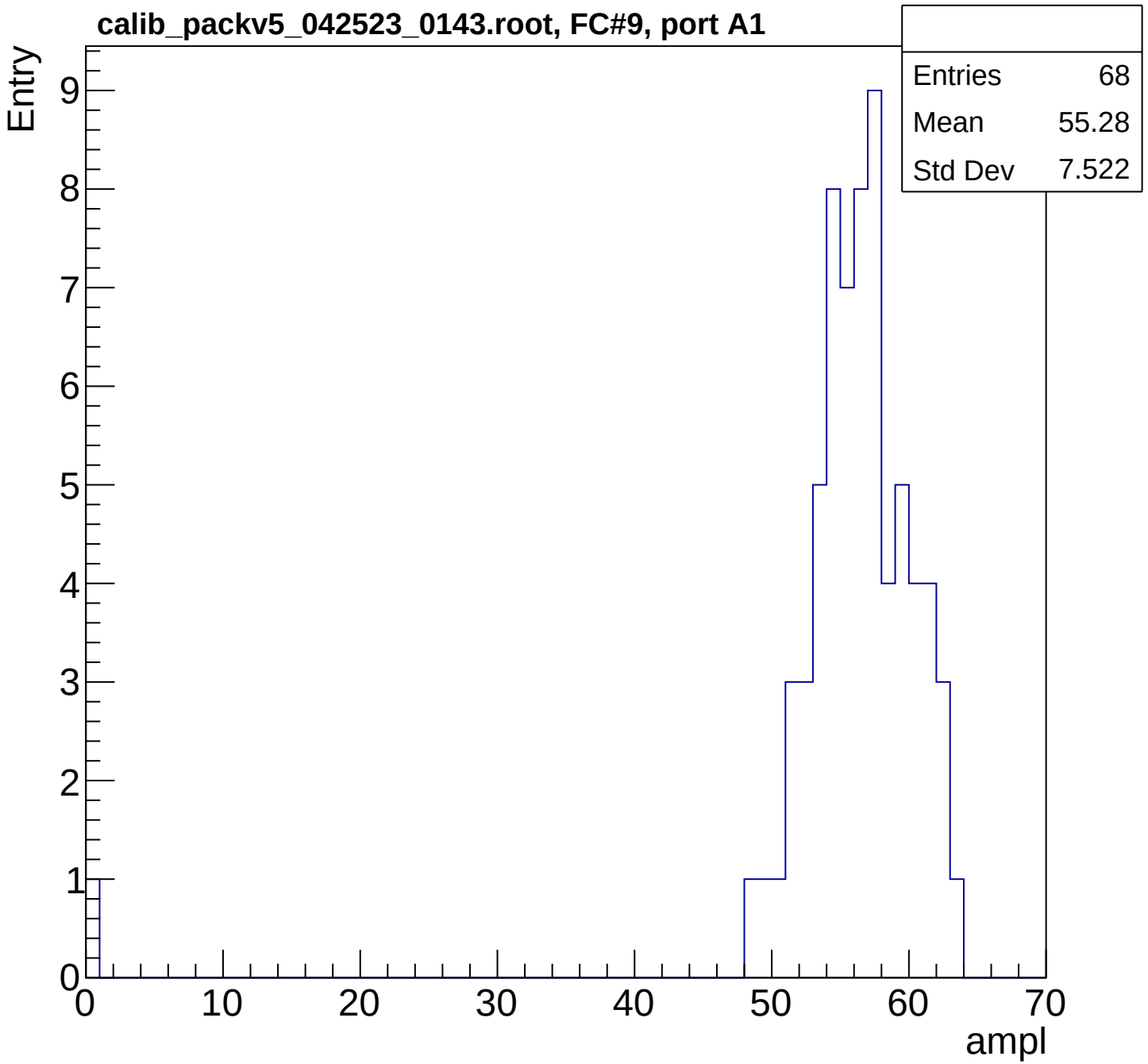
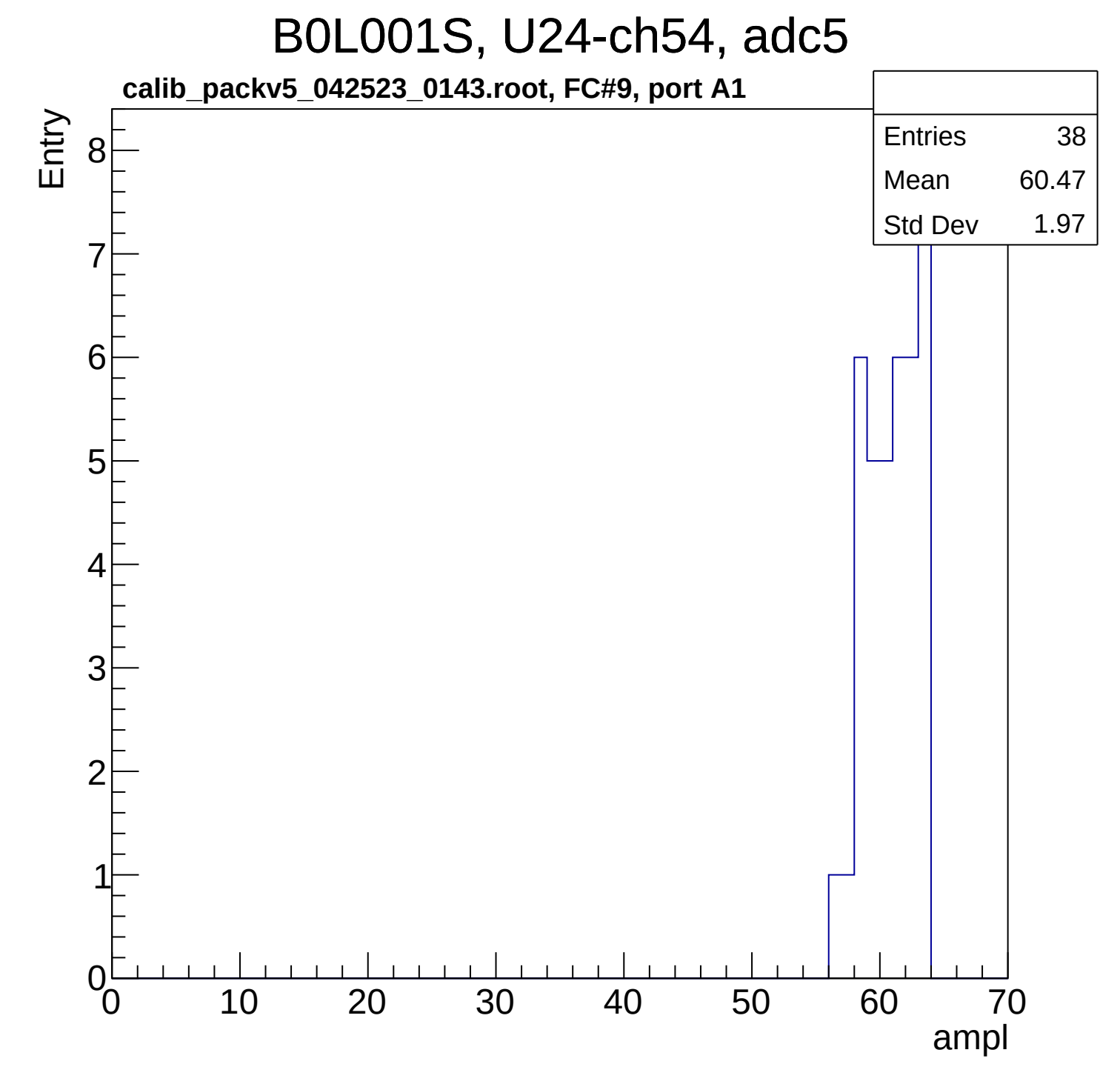

B0L001S, U24-ch54, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 29.05
Std Dev 6.2
Gaus mean : 29.9293
Gaus Width: 3.4426
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch54, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 36.49
Std Dev 3.354
Gaus mean : 36.7541
Gaus Width: 3.4951
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch54, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 44.04
Std Dev 3.613
Gaus mean : 43.8950
Gaus Width: 4.4328
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch54, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 50.04
Std Dev 2.92
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch54, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 55.28
Std Dev 7.522
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch54, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 60.47
Std Dev 1.97
Entry
ampl
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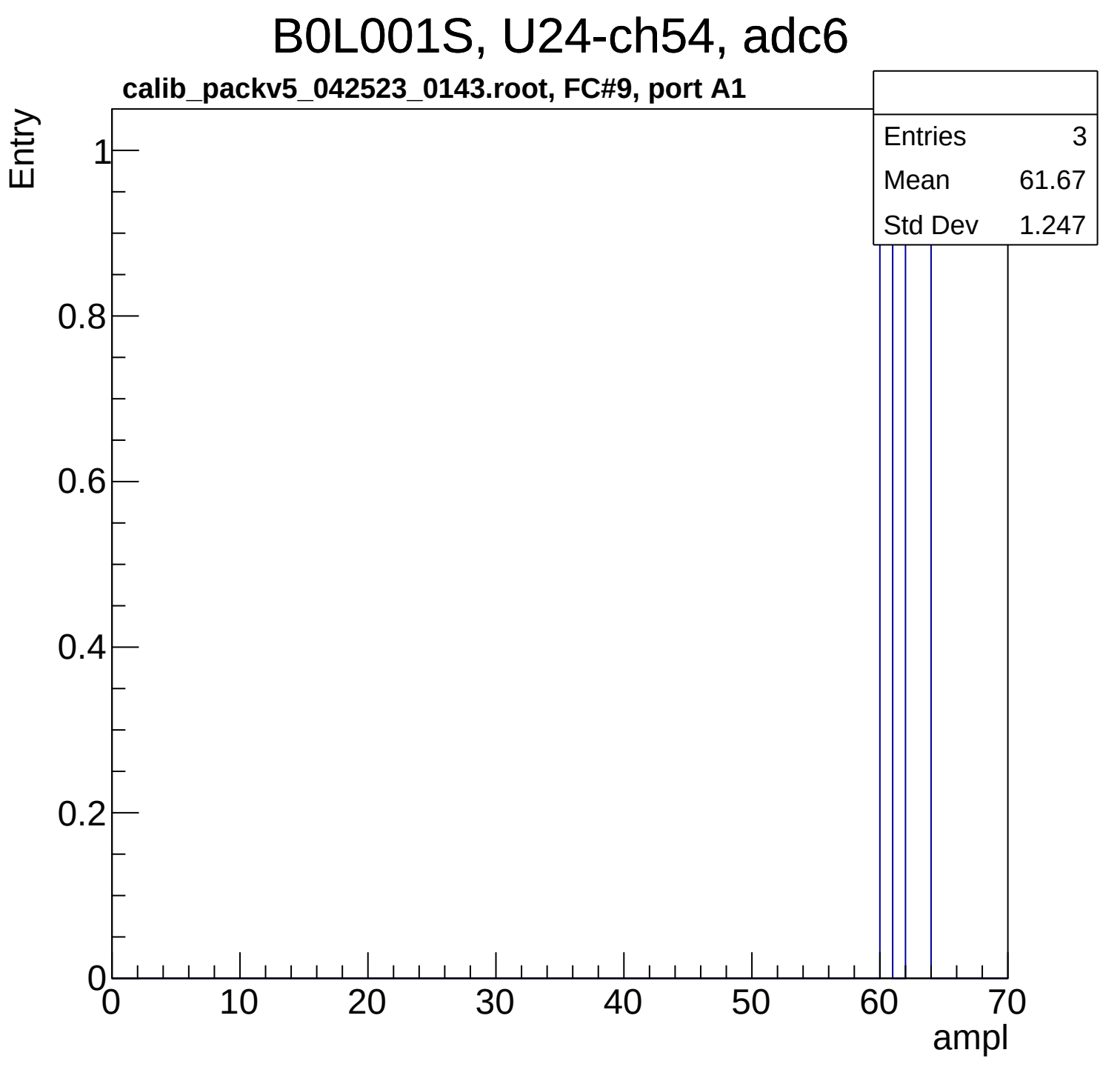
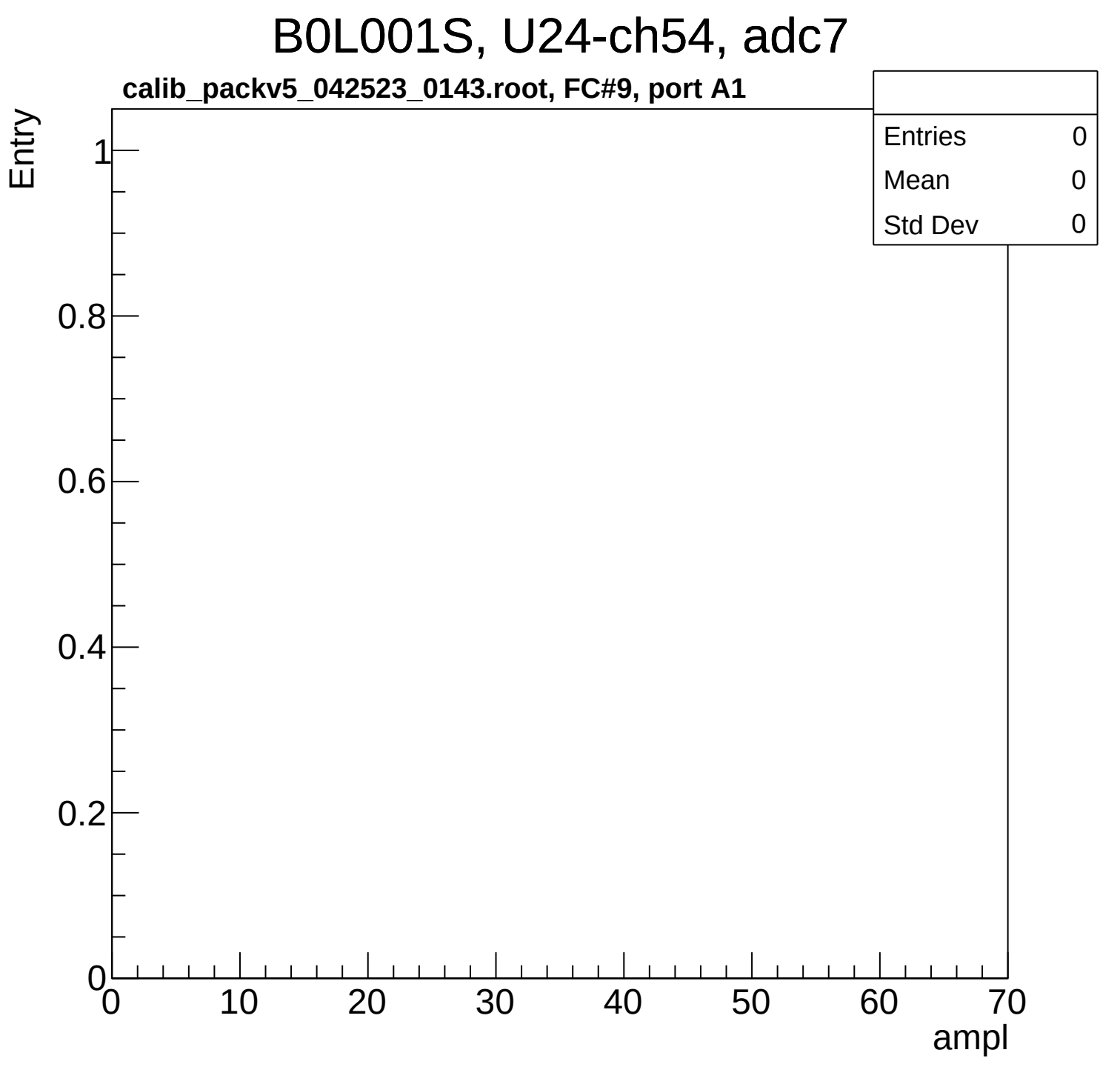
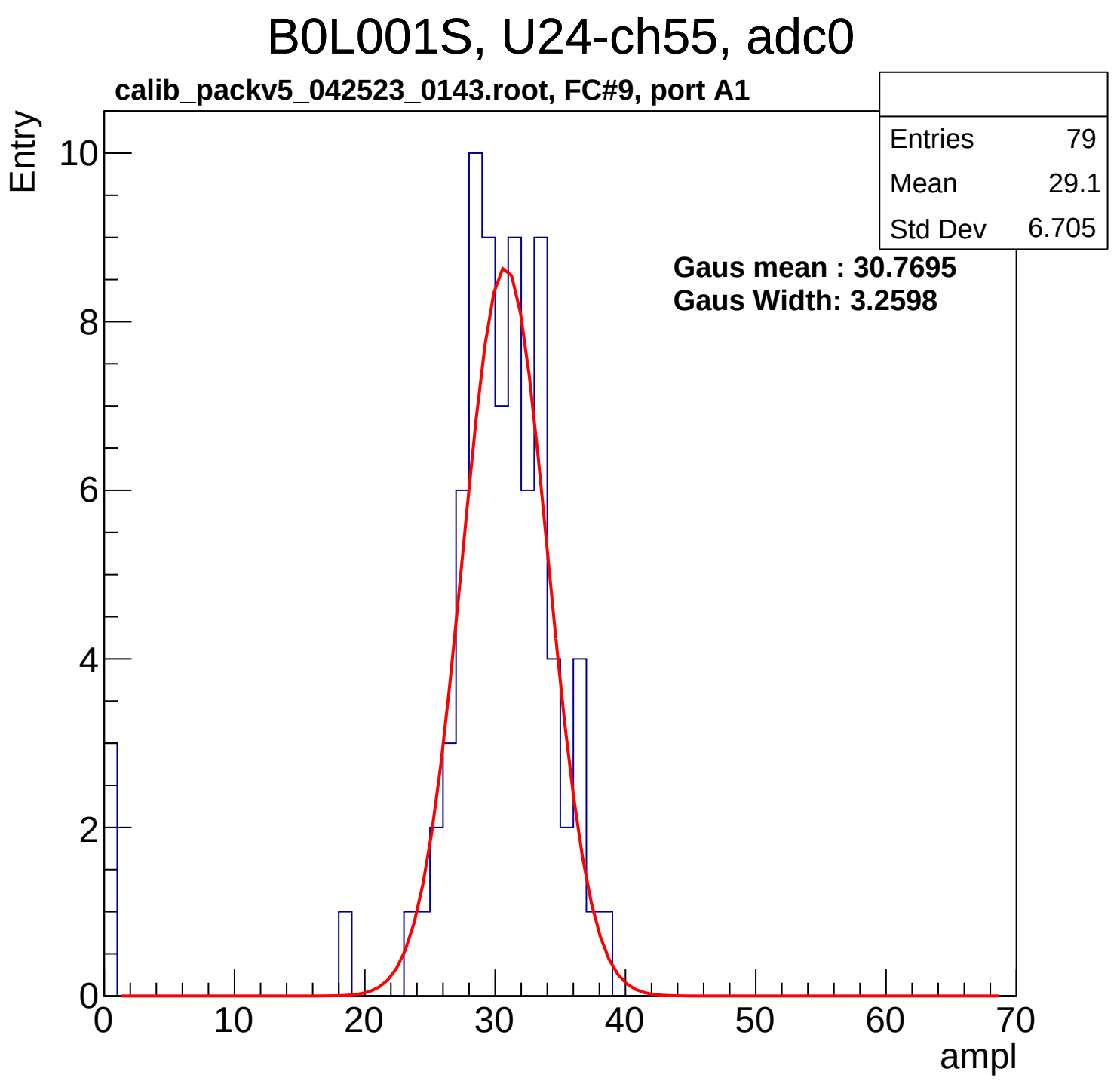
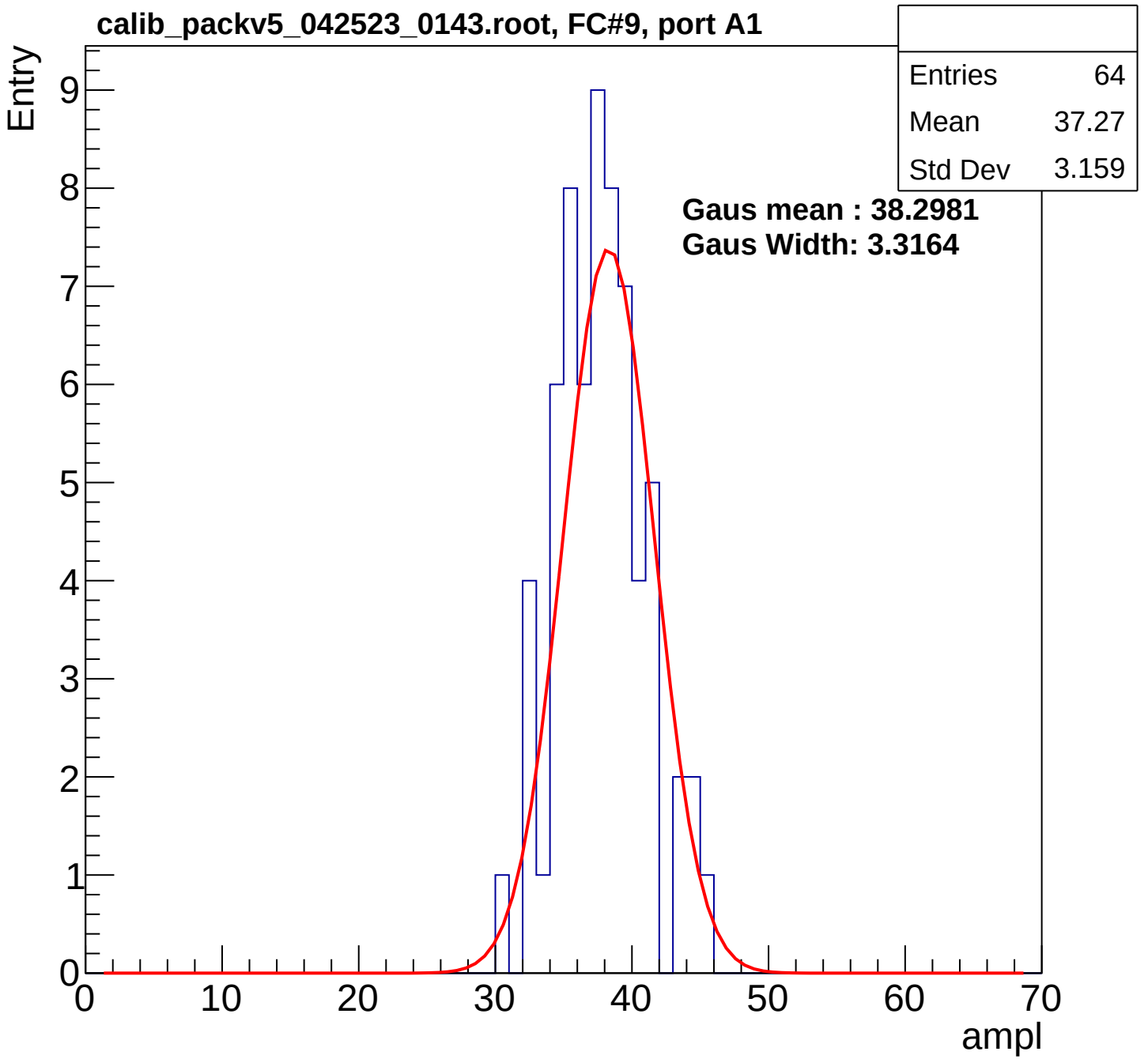
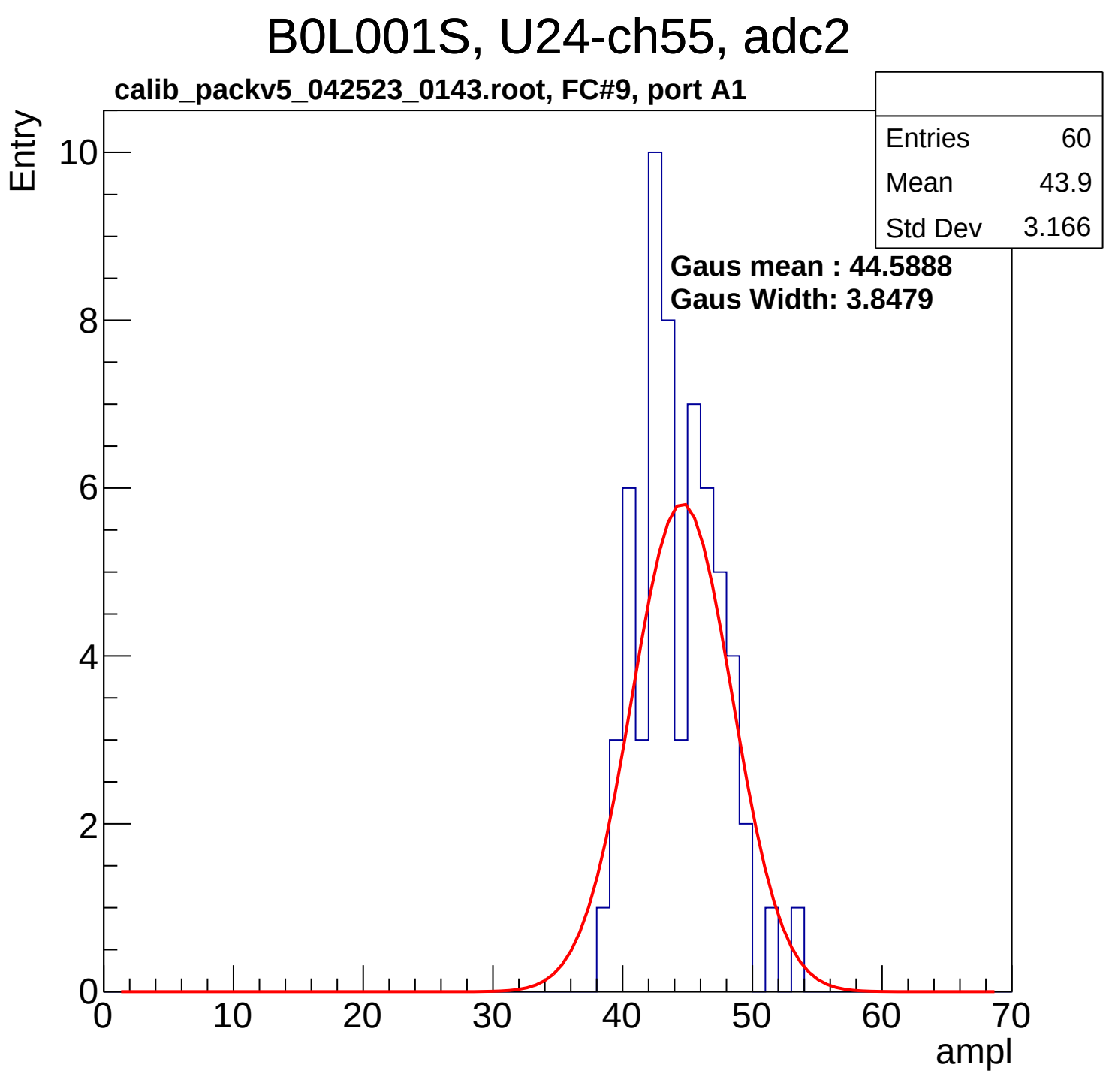
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch54, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.67
Std Dev 1.247
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch54, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch55, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 29.1
Std Dev 6.705
Gaus mean : 30.7695
Gaus Width: 3.2598
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch55, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 37.27
Std Dev 3.159
Gaus mean : 38.2981
Gaus Width: 3.3164
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B0L001S, U24-ch55, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 43.9
Std Dev 3.166
Gaus mean : 44.5888
Gaus Width: 3.8479
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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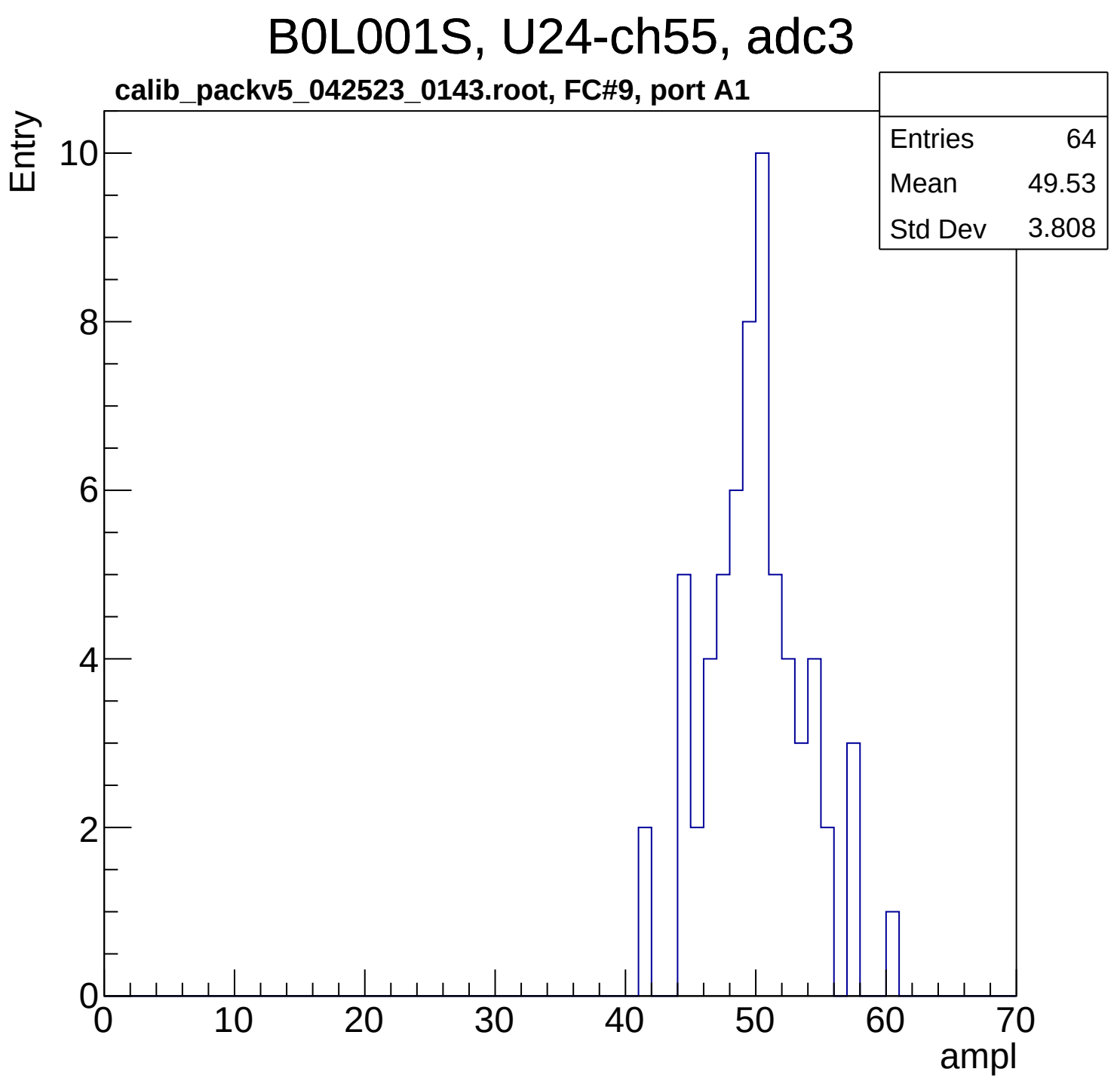
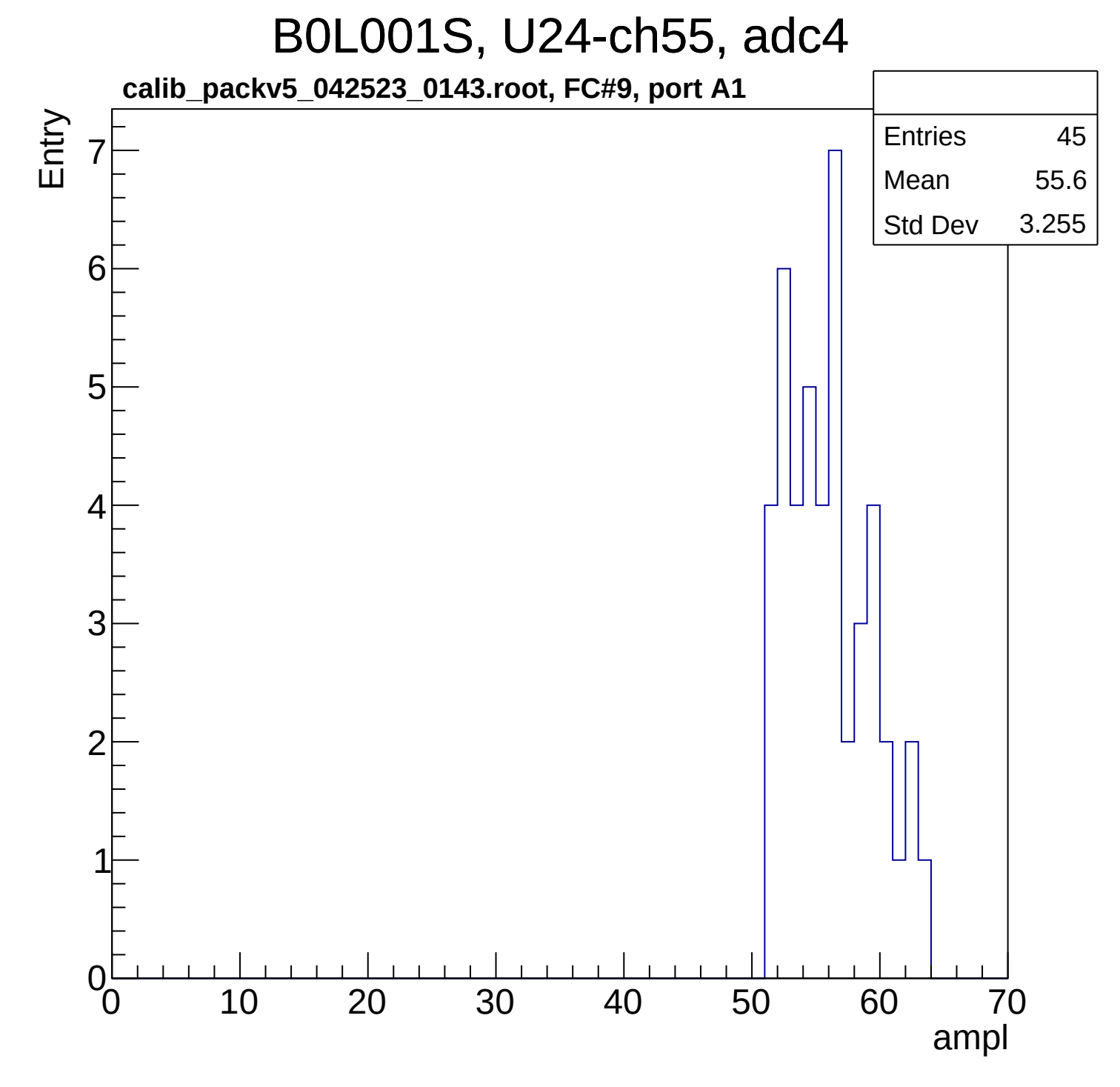
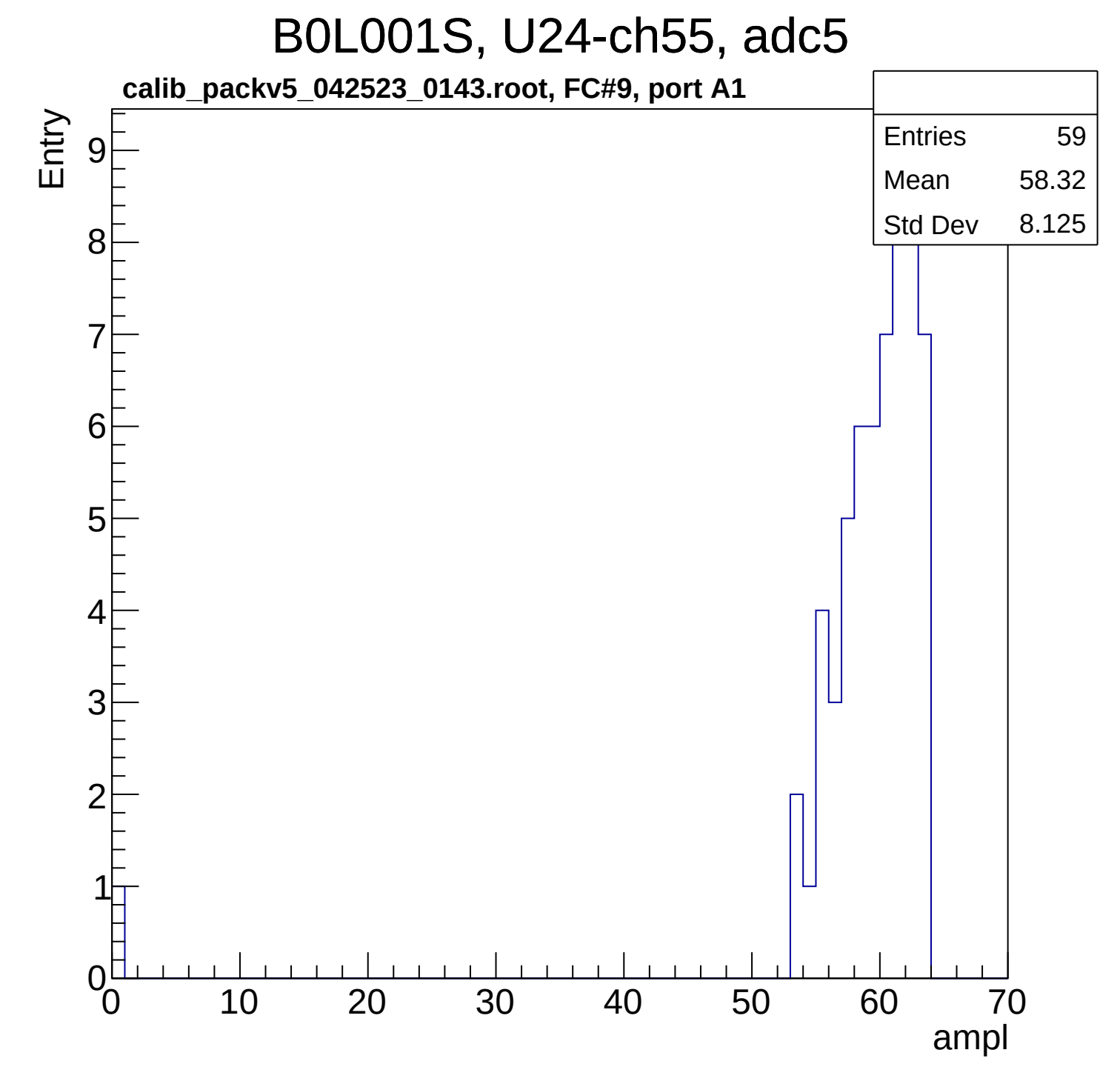
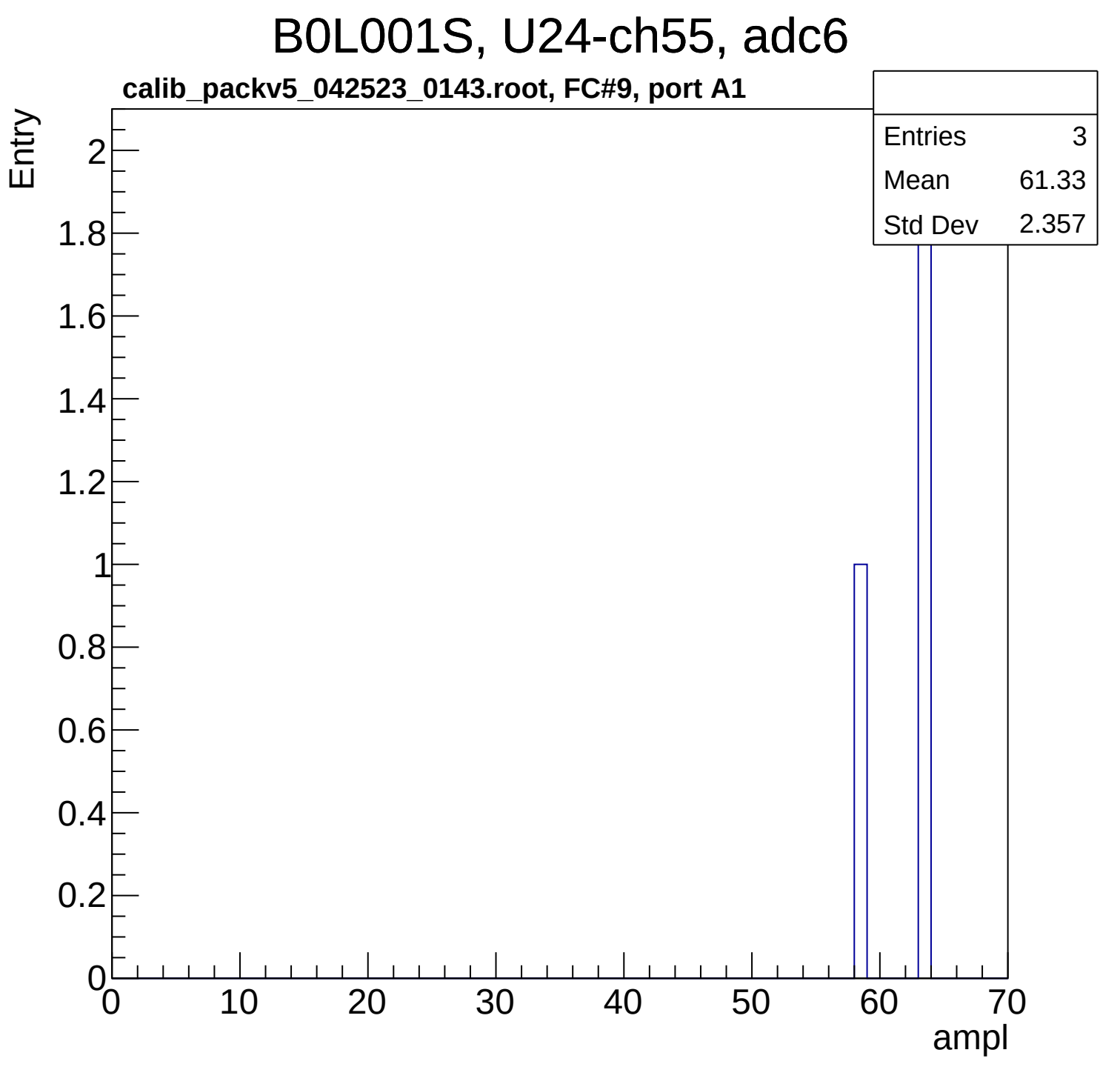
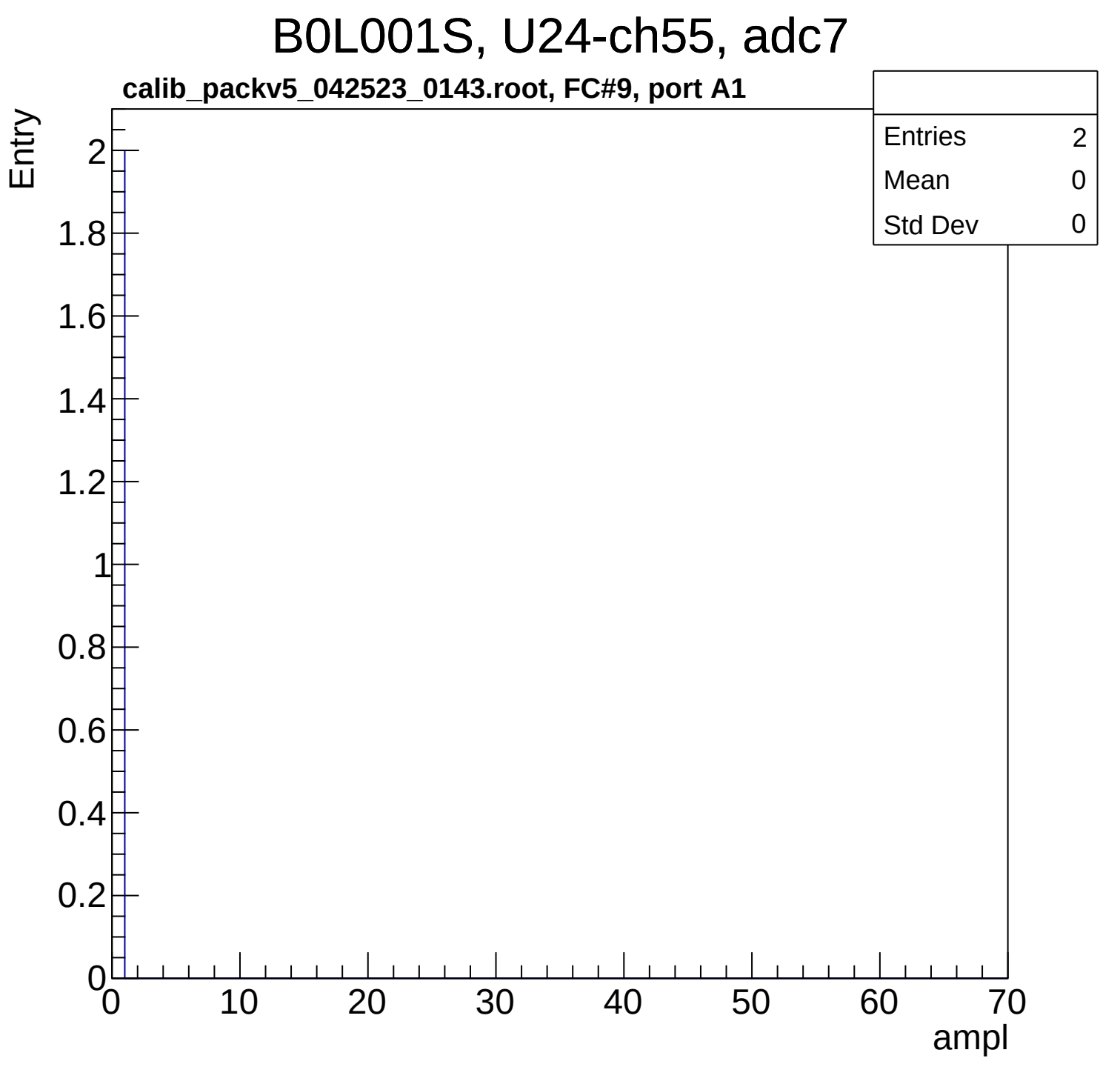
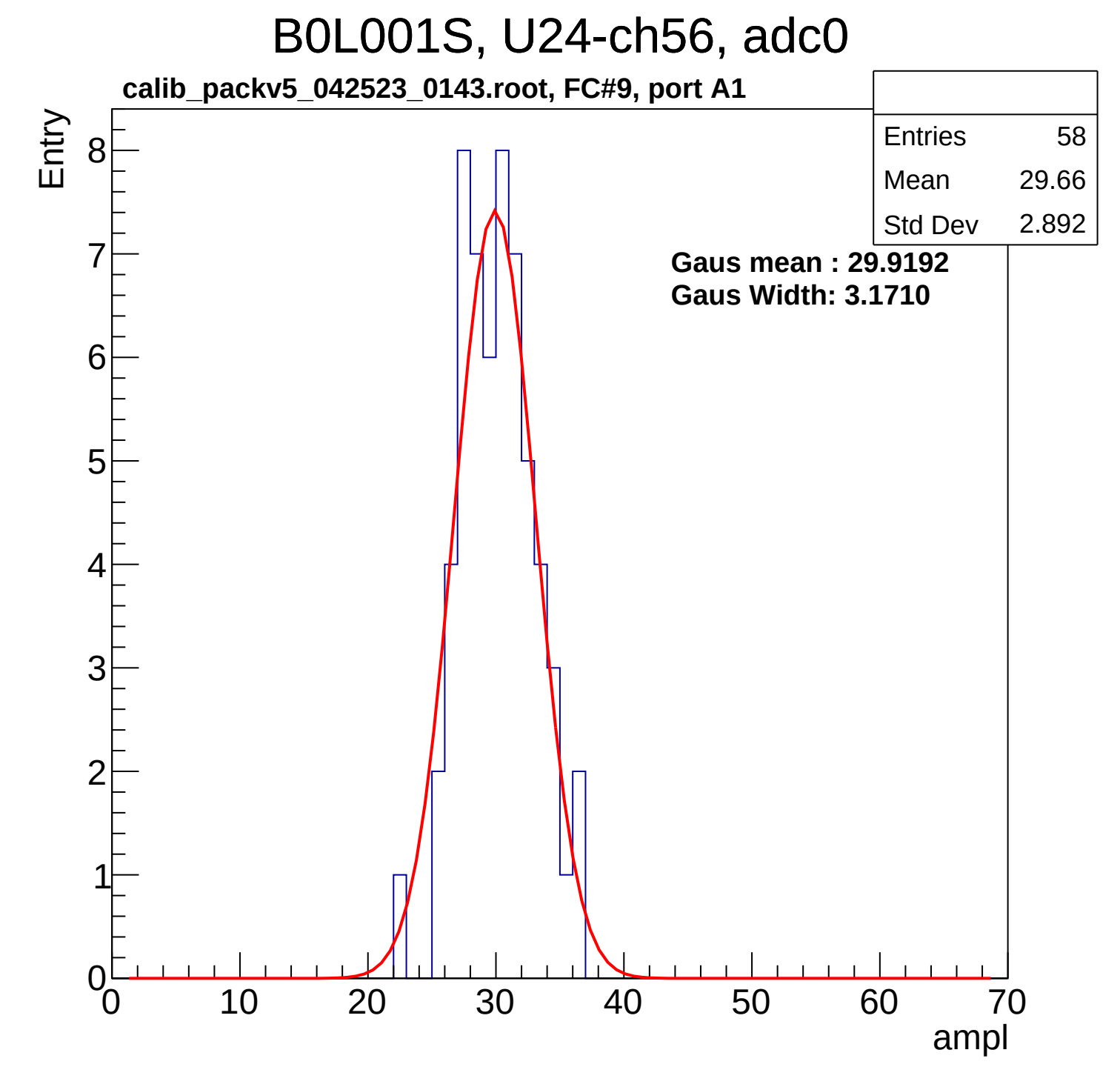

B0L001S, U24-ch55, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 49.53
Std Dev 3.808
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

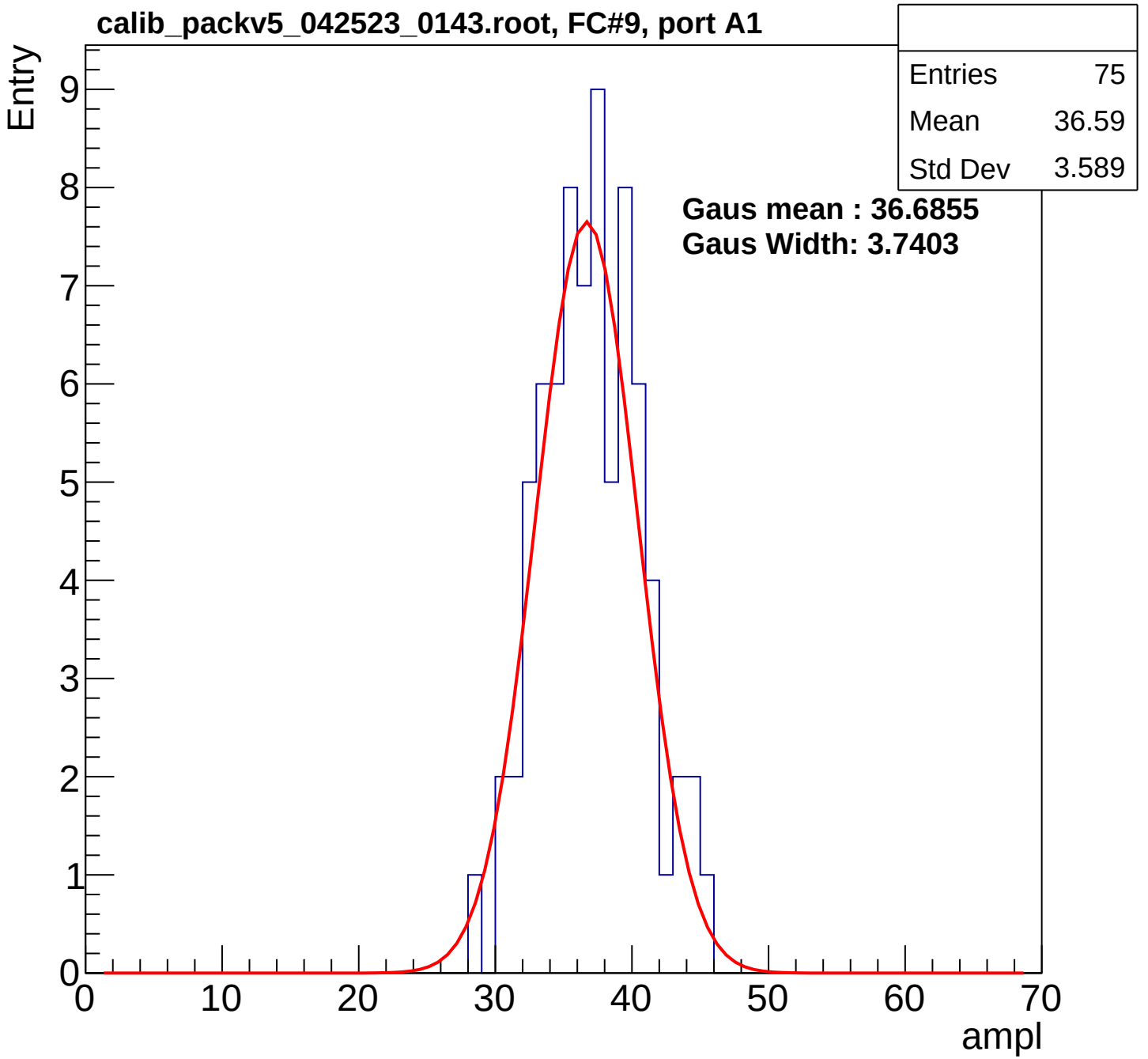

B0L001S, U24-ch55, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 55.6
Std Dev 3.255
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

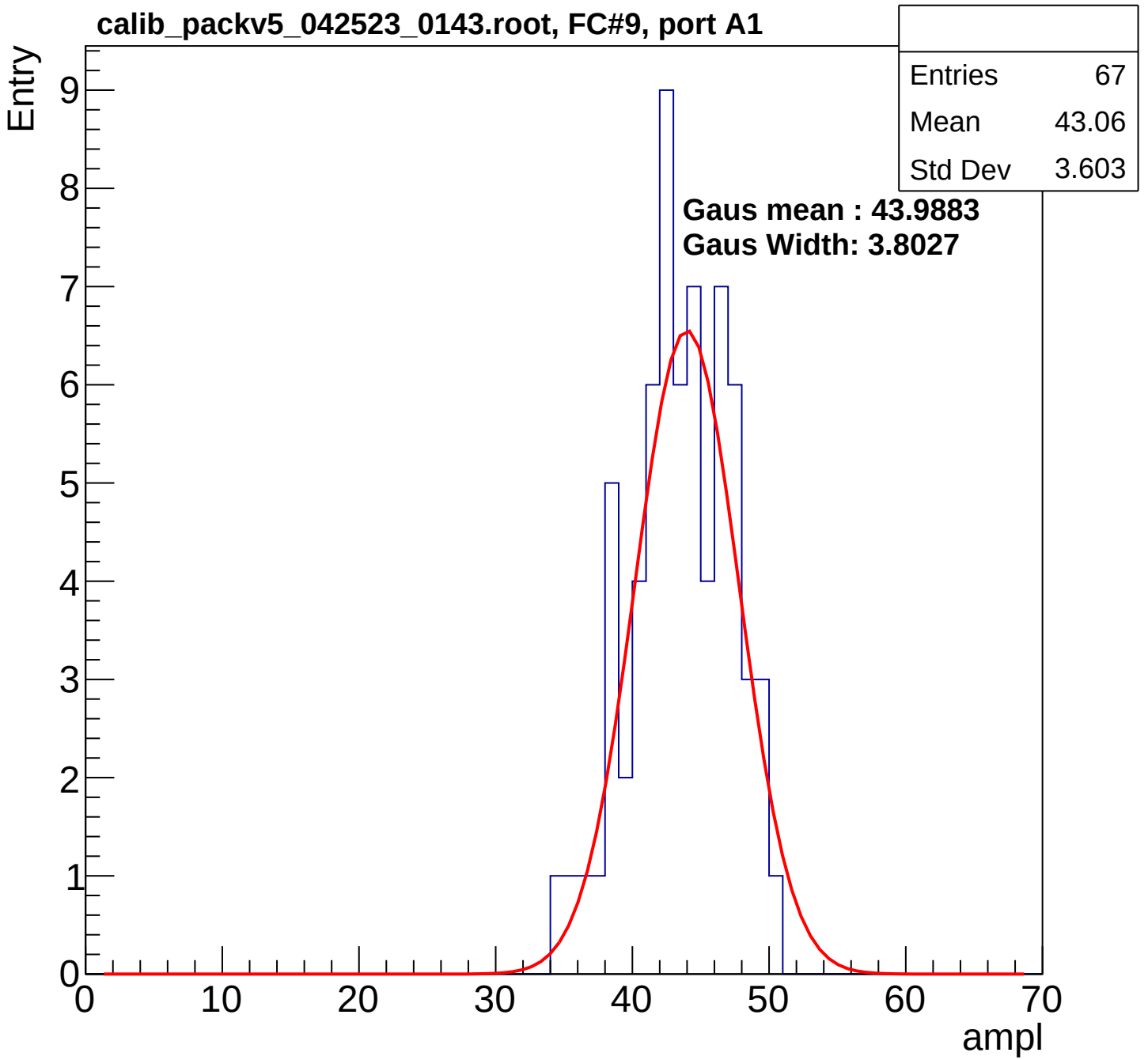

B0L001S, U24-ch55, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 58.32
Std Dev 8.125
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch55, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.33
Std Dev 2.357
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch55, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch56, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 29.66
Std Dev 2.892
Gaus mean : 29.9192
Gaus Width: 3.1710
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch56, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 36.59
Std Dev 3.589
Gaus mean : 36.6855
Gaus Width: 3.7403
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch56, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 43.06
Std Dev 3.603
Gaus mean : 43.9883
Gaus Width: 3.8027
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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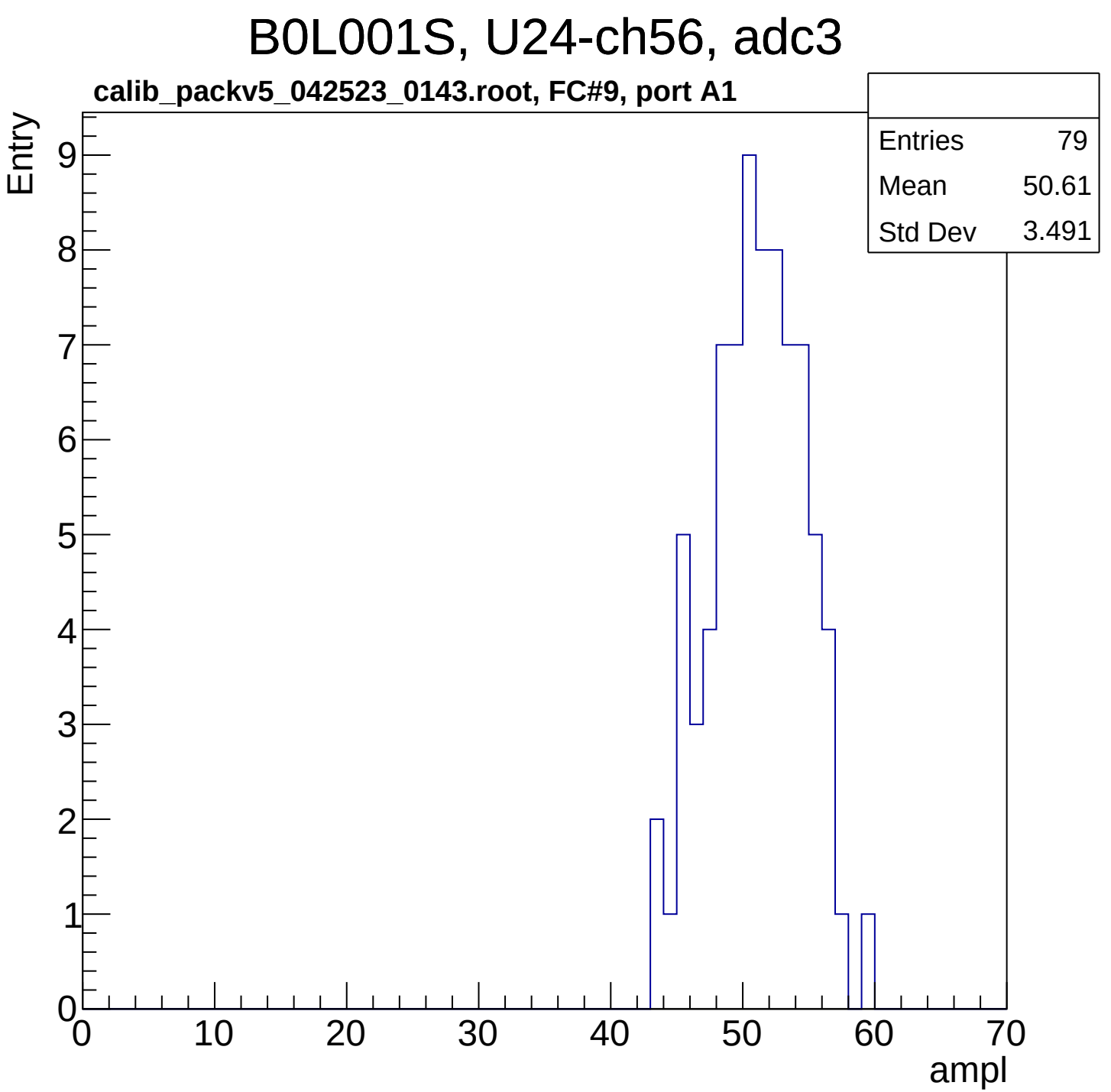
B0L001S, U24-ch56, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 50.61
Std Dev 3.491
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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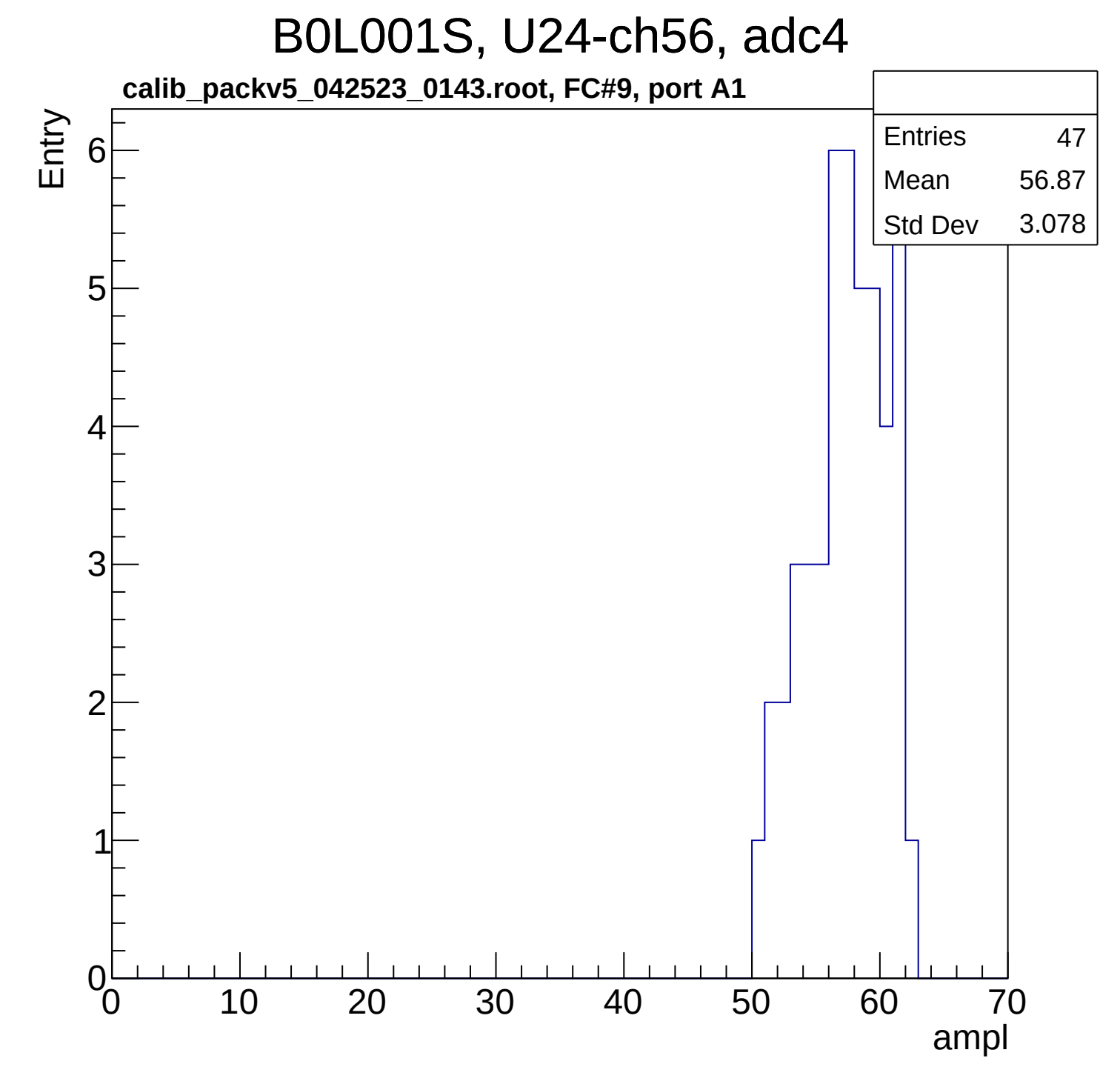
B0L001S, U24-ch56, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 56.87
Std Dev 3.078
Entry
0
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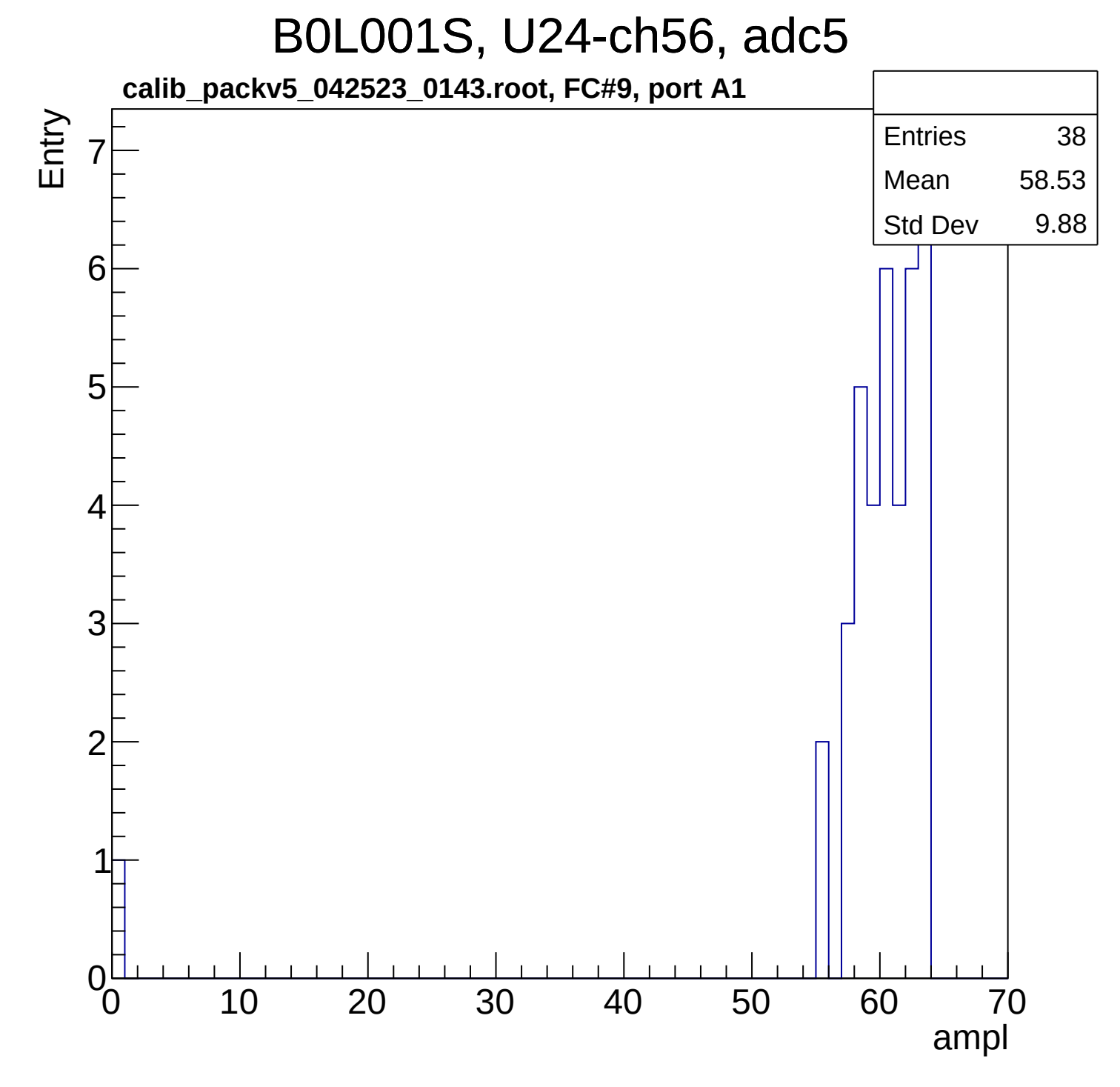
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch56, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 58.53
Std Dev 9.88
Entry
ampl
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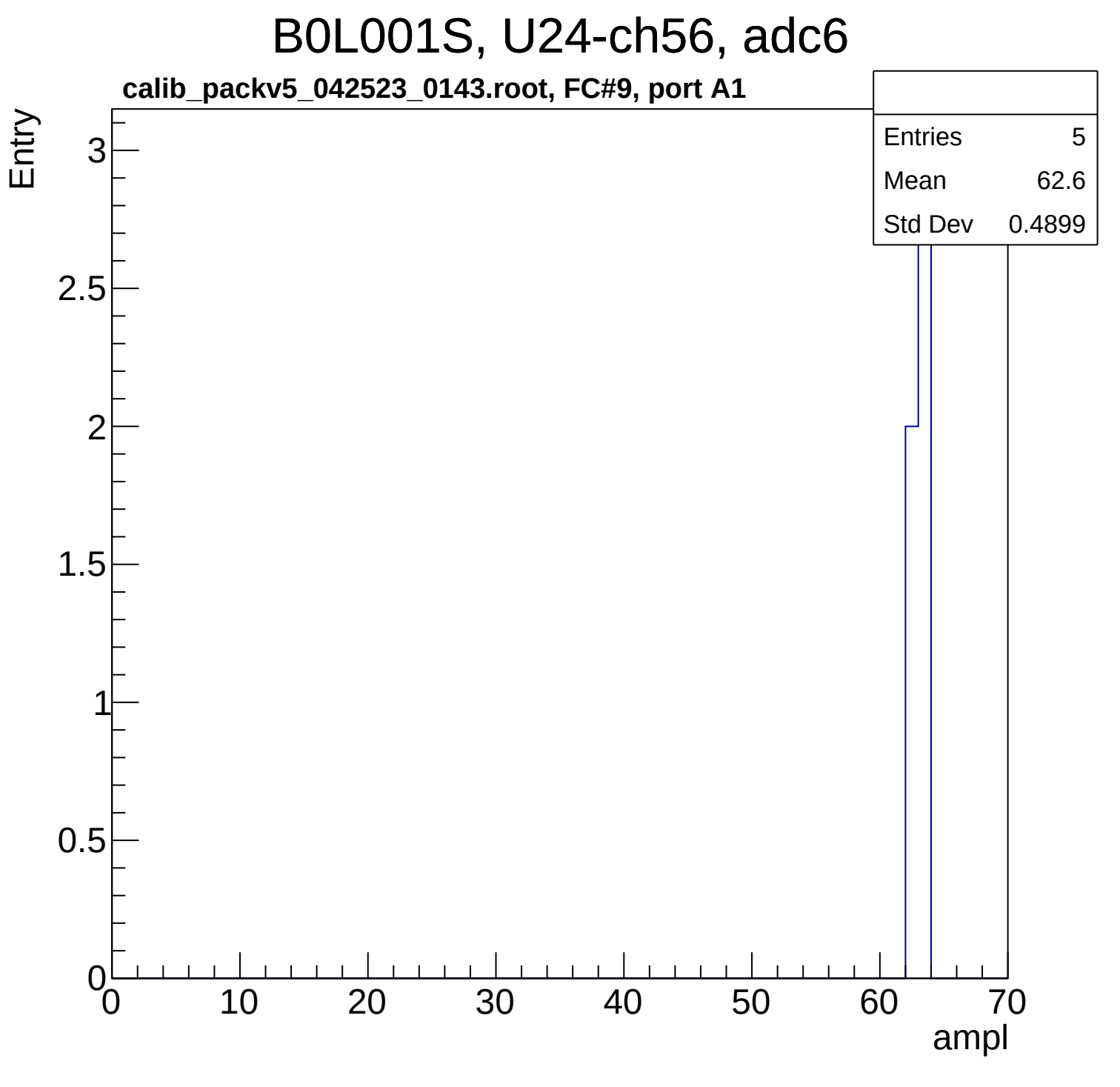
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch56, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
ampl
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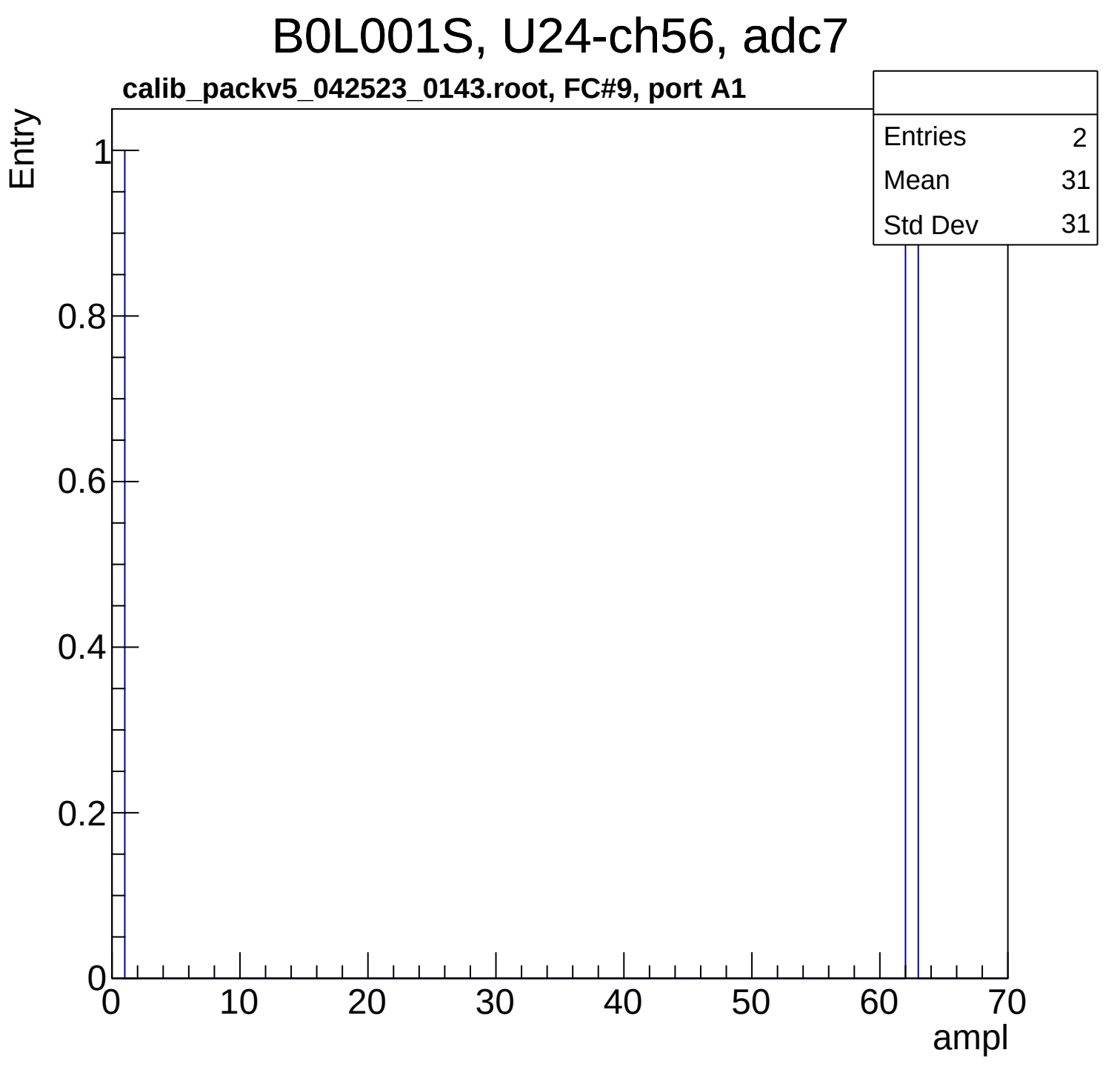
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch56, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 31
Std Dev 31
Entry
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0.6
0.4
0.2
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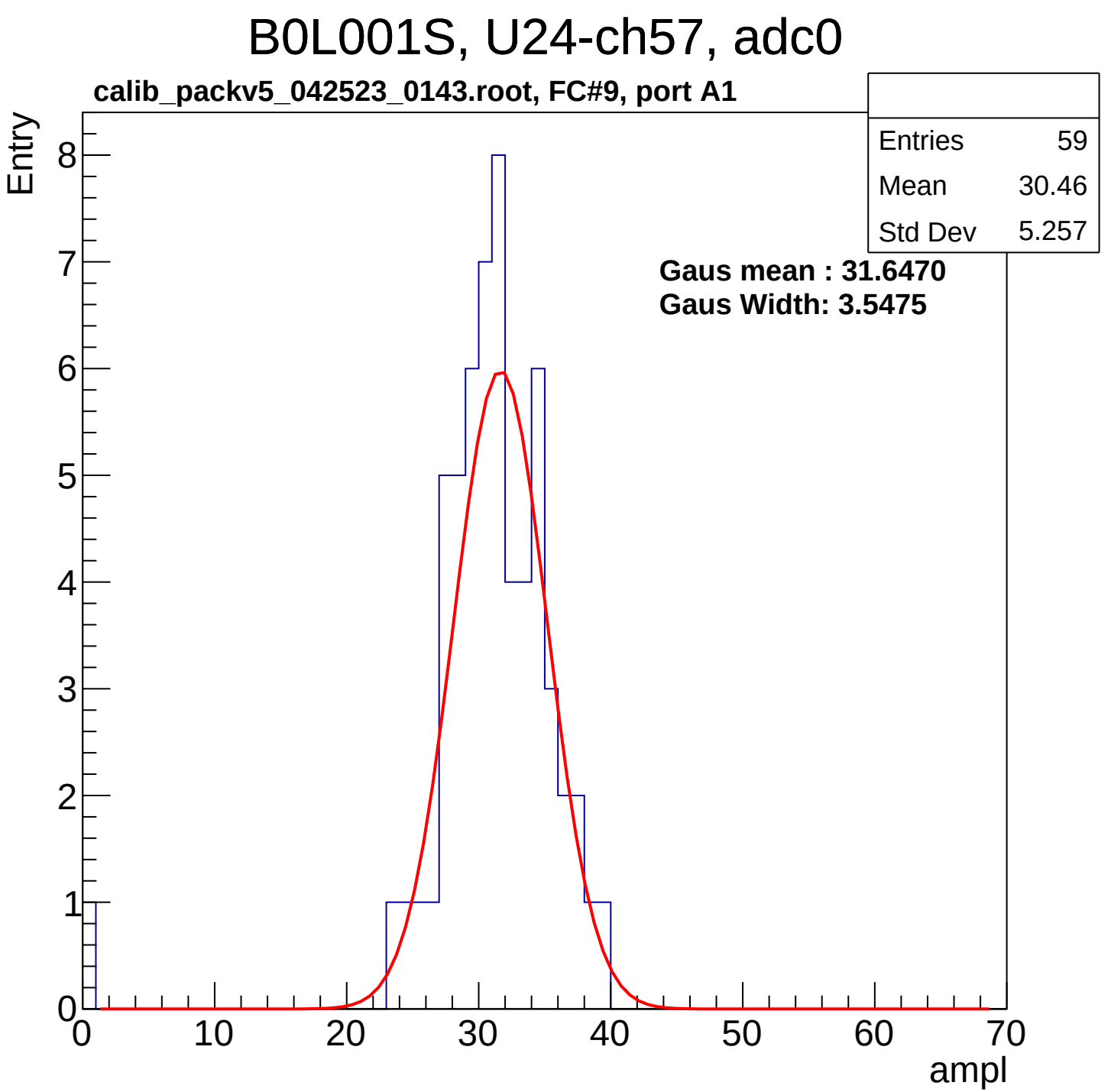
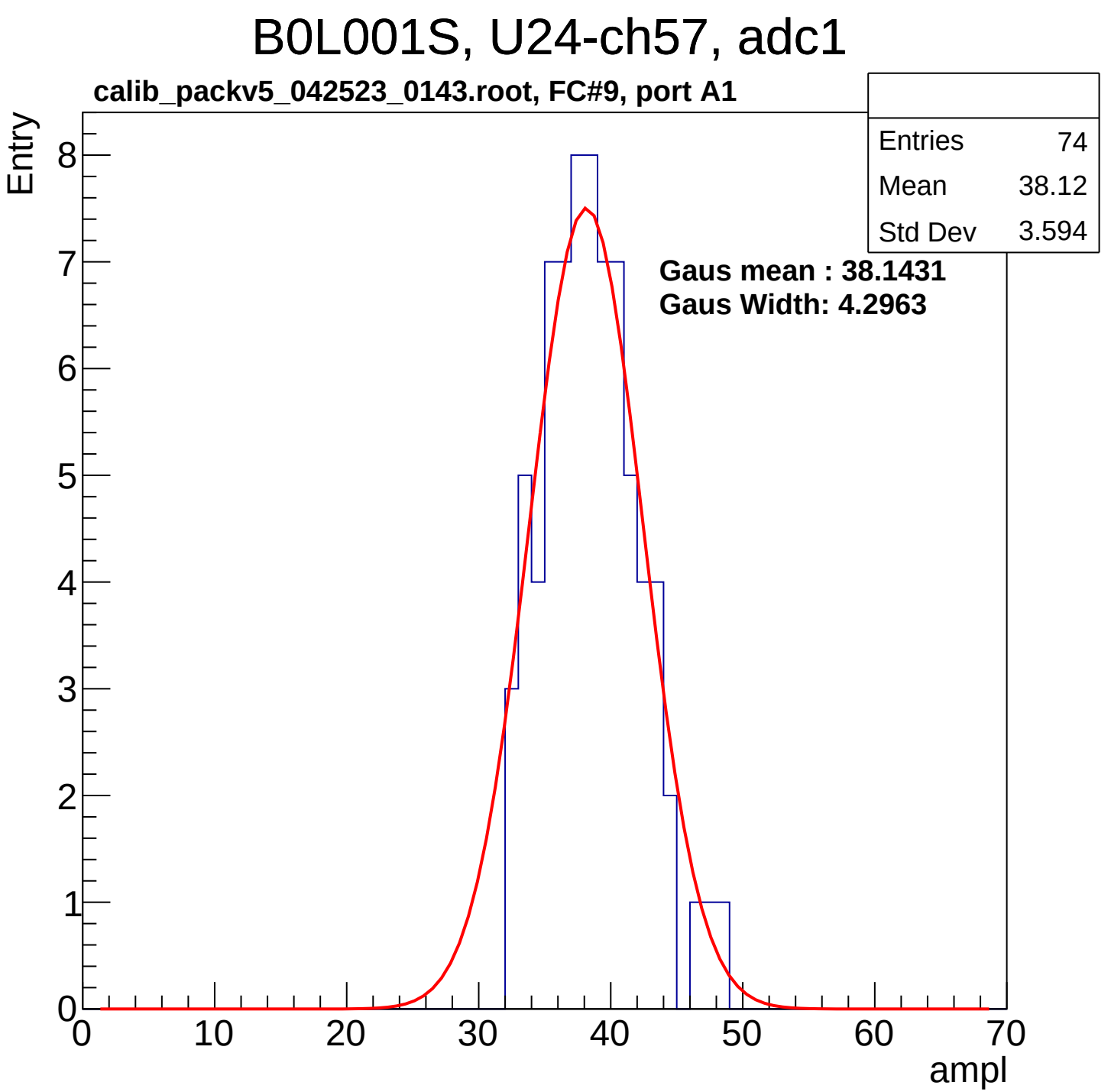
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch57, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 30.46
Std Dev 5.257
Gaus mean : 31.6470
Gaus Width: 3.5475
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch57, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 38.12
Std Dev 3.594
Gaus mean : 38.1431
Gaus Width: 4.2963
Entry
ampl
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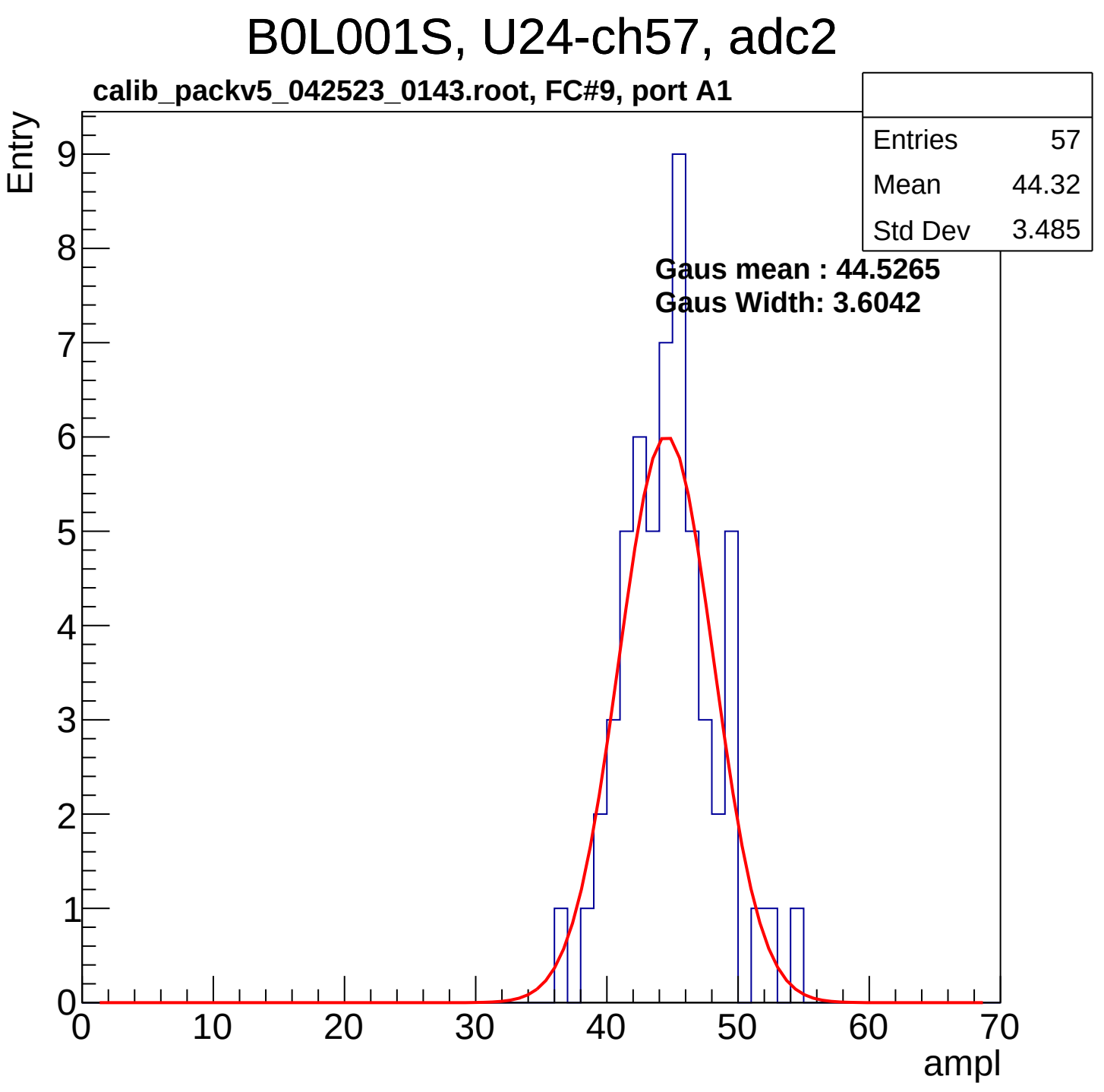
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch57, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 44.32
Std Dev 3.485
Gaus mean : 44.5265
Gaus Width: 3.6042
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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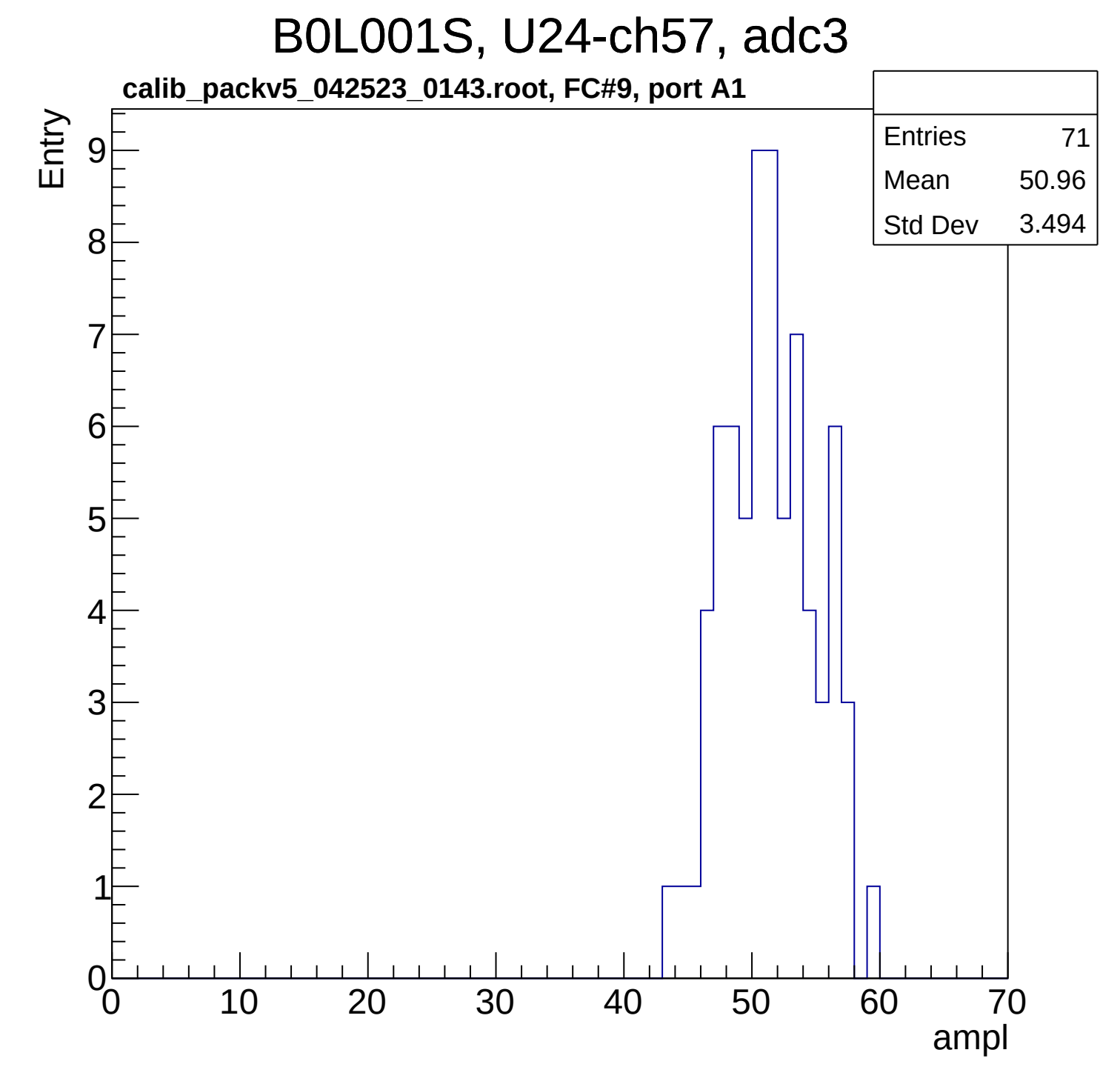
B0L001S, U24-ch57, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 50.96
Std Dev 3.494
Entry
ampl
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4
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6
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60
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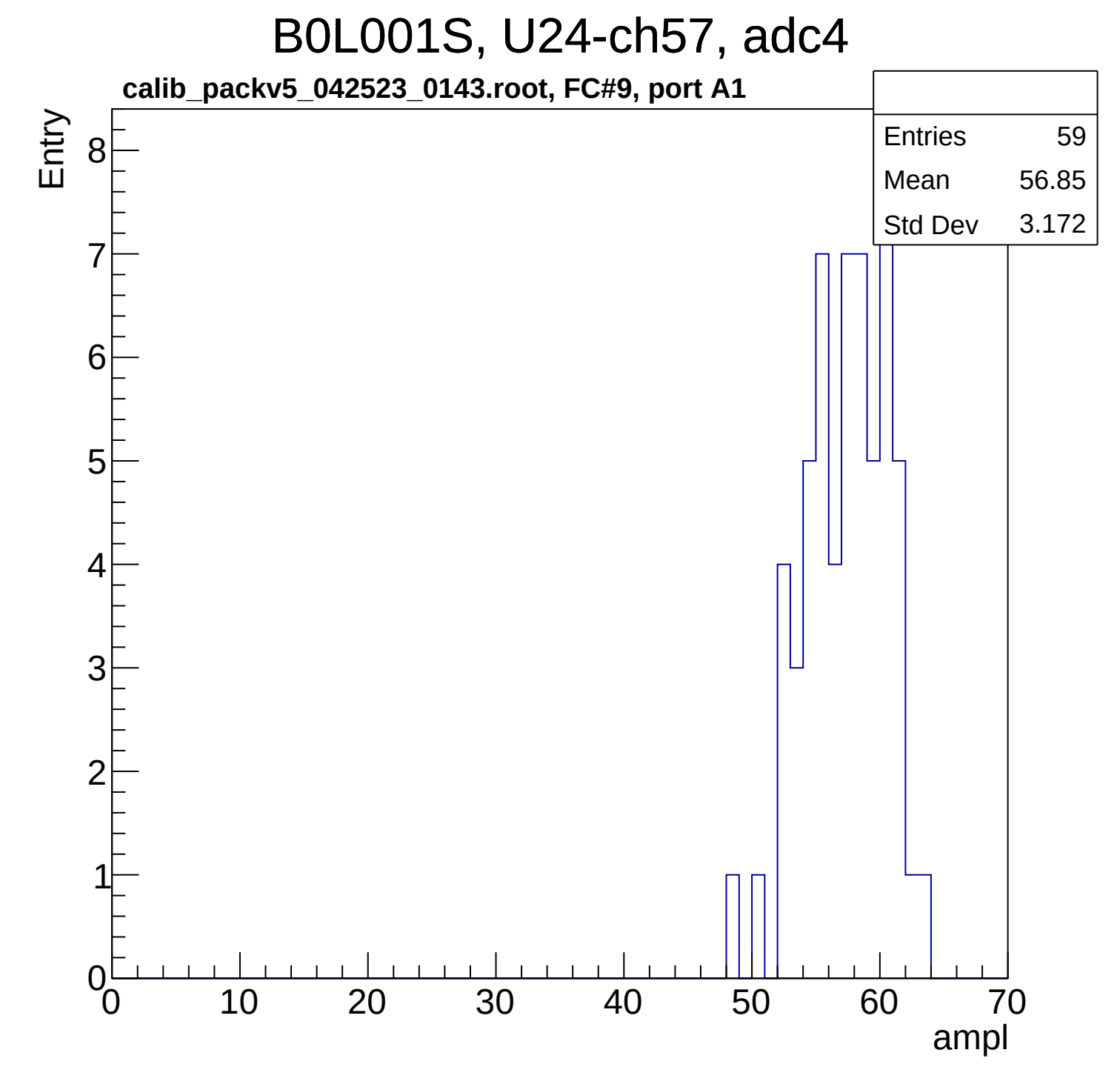
B0L001S, U24-ch57, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 56.85
Std Dev 3.172
Entry
ampl
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4
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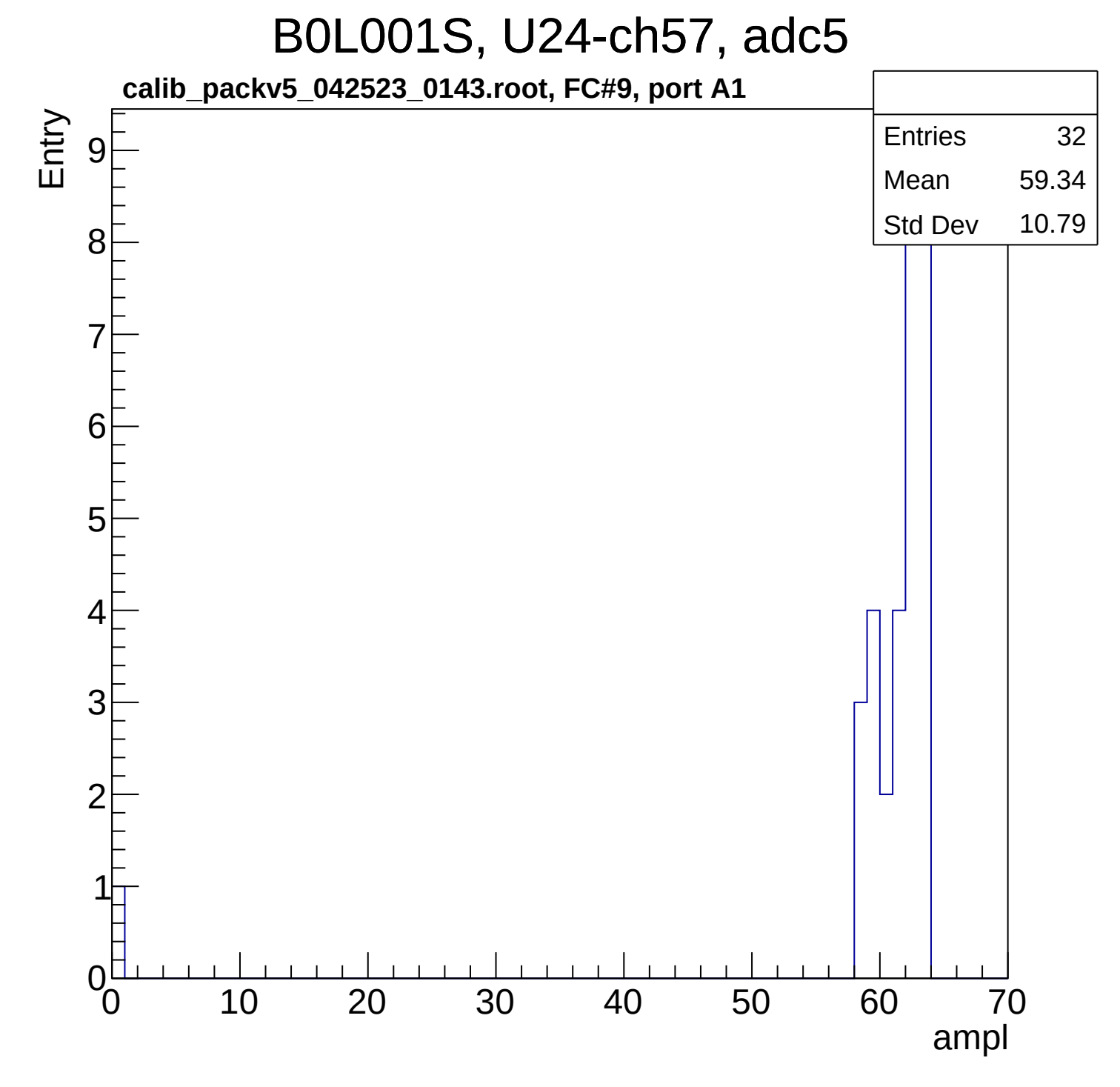
B0L001S, U24-ch57, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 59.34
Std Dev 10.79
Entry
ampl
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3
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5
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7
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0
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40
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60
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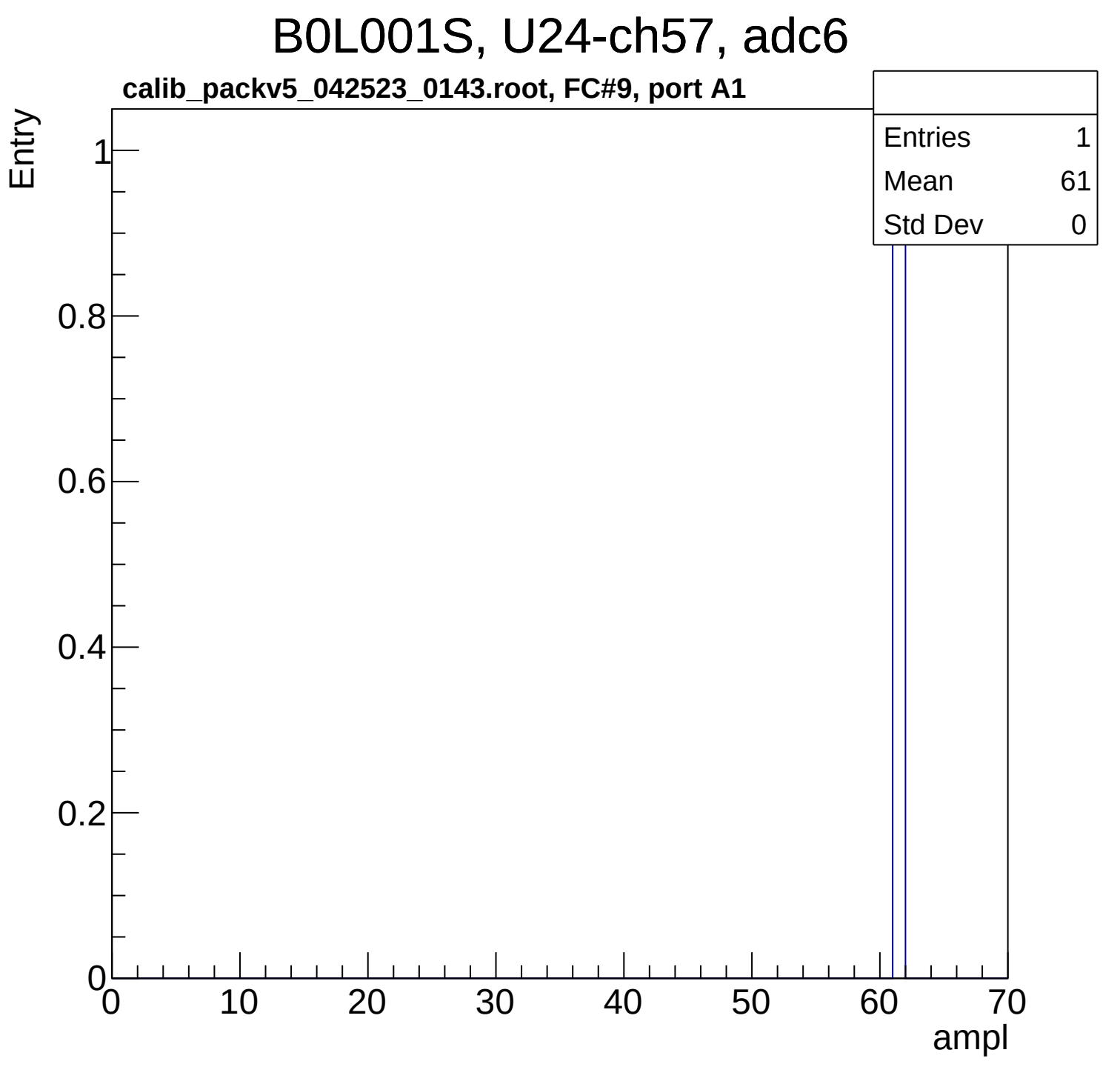
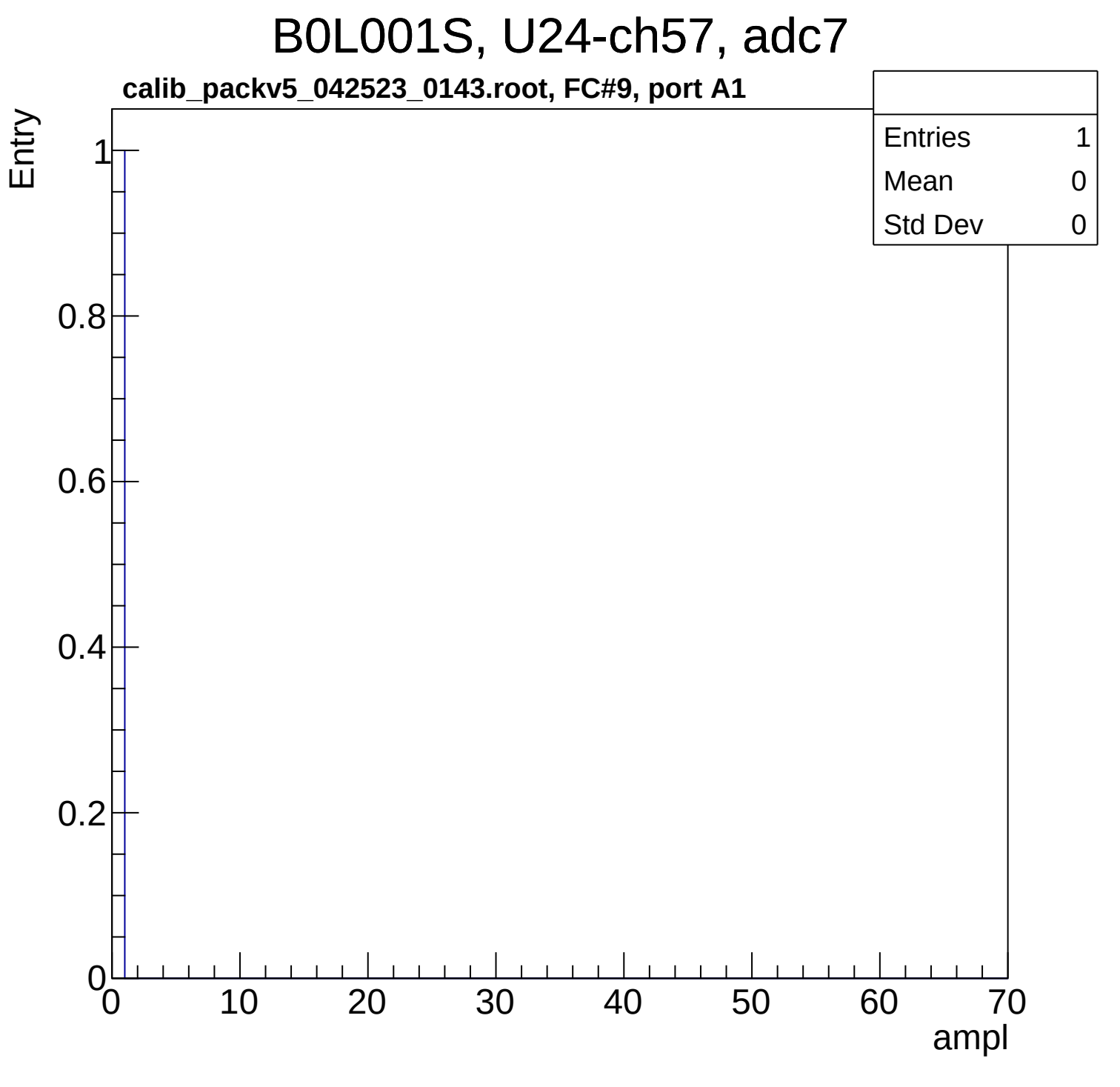

B0L001S, U24-ch57, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch57, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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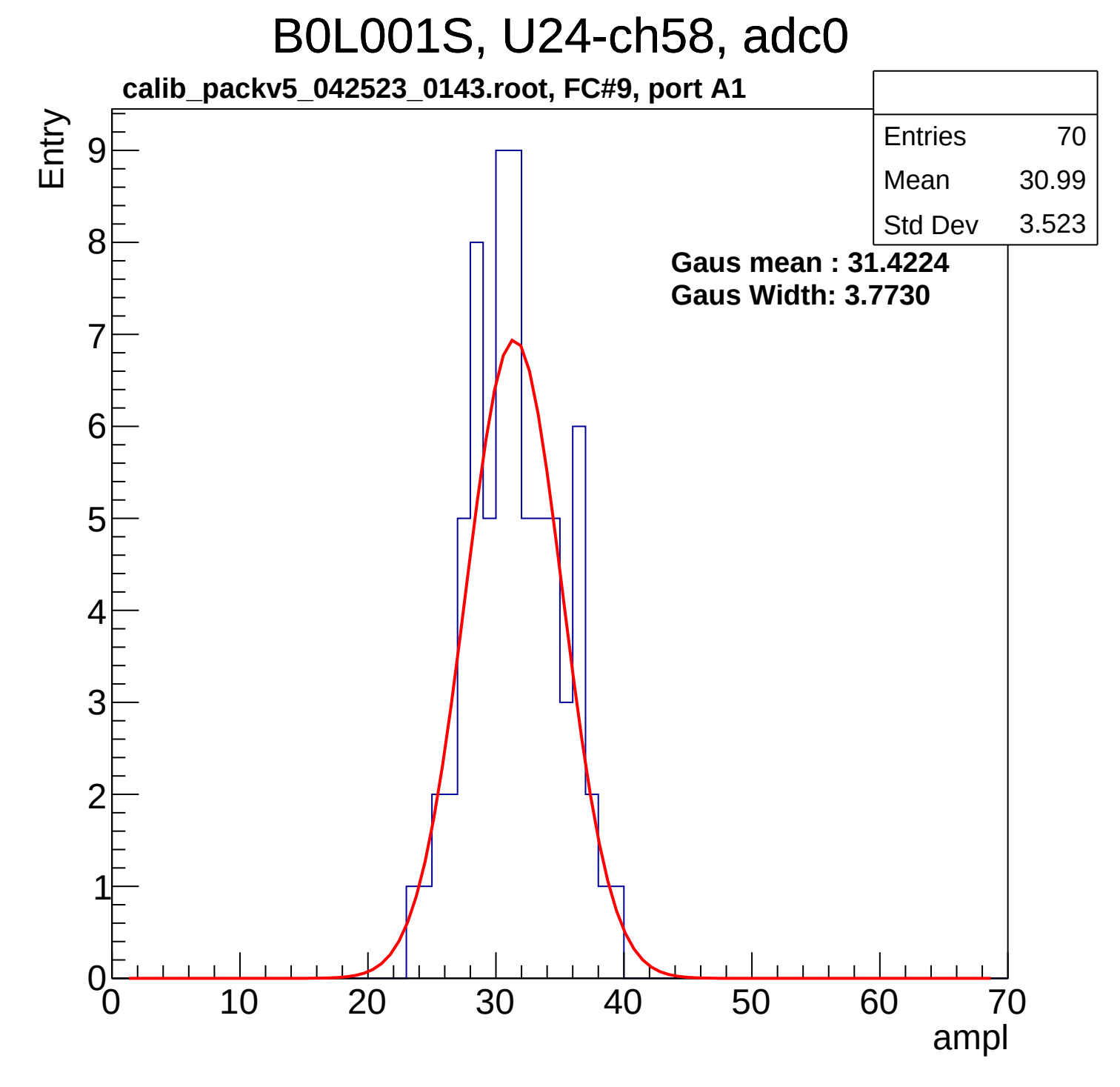
50
60
70
ampl


B0L001S, U24-ch58, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 30.99
Std Dev 3.523
Gaus mean : 31.4224
Gaus Width: 3.7730
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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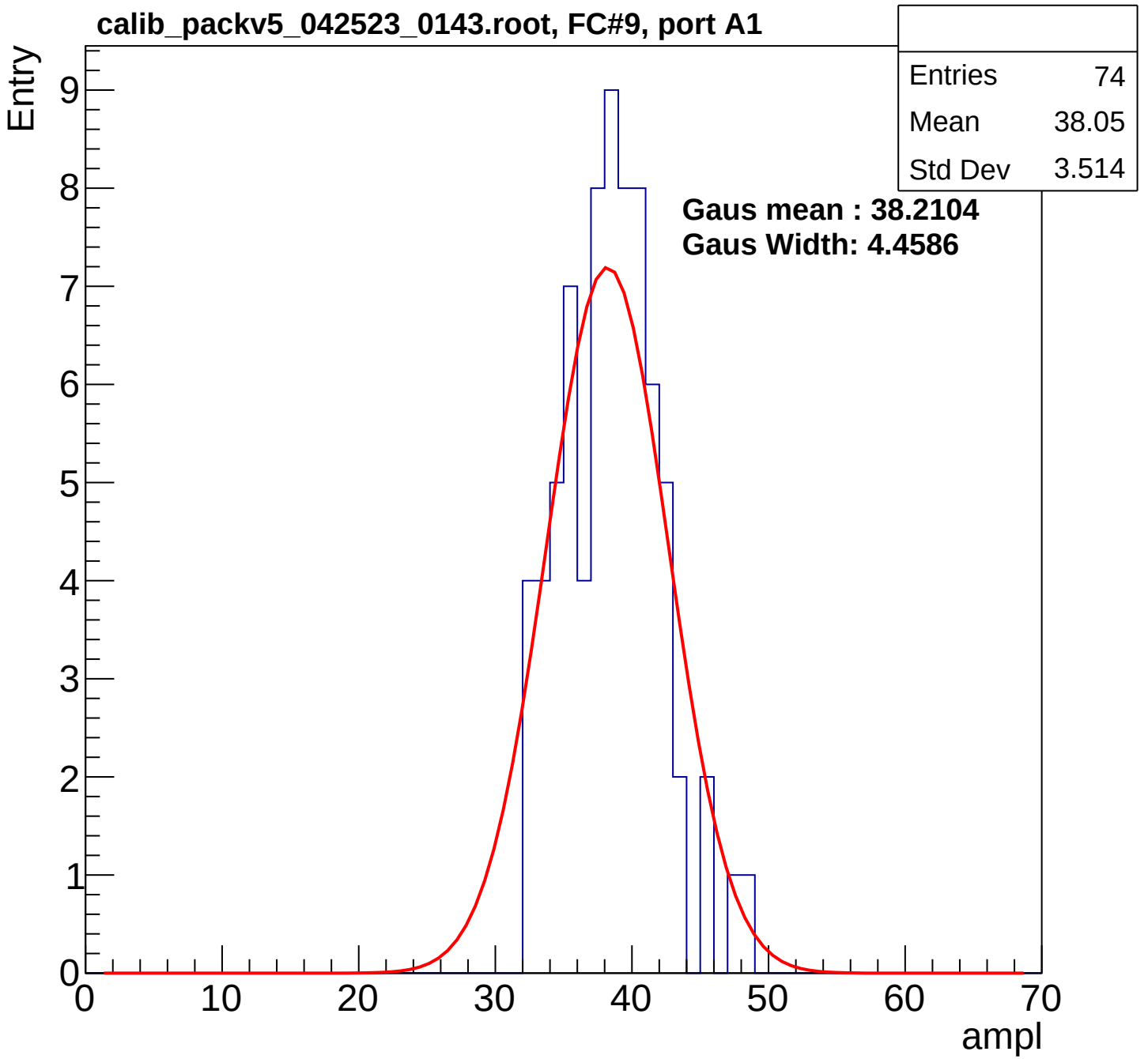
B0L001S, U24-ch58, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 38.05
Std Dev 3.514
Gaus mean : 38.2104
Gaus Width: 4.4586
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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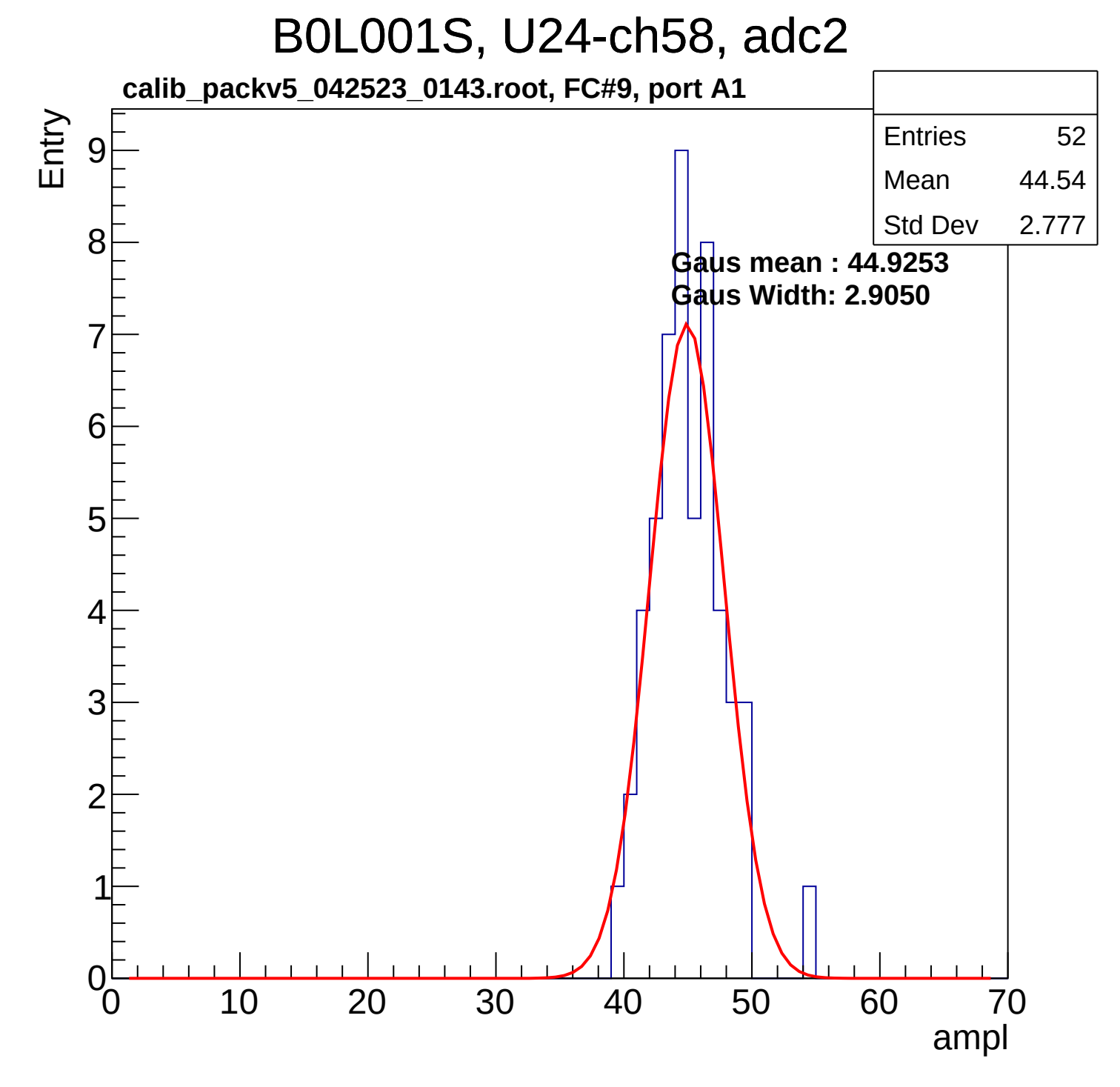
B0L001S, U24-ch58, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 44.54
Std Dev 2.777
Gaus mean : 44.9253
Gaus Width: 2.9050
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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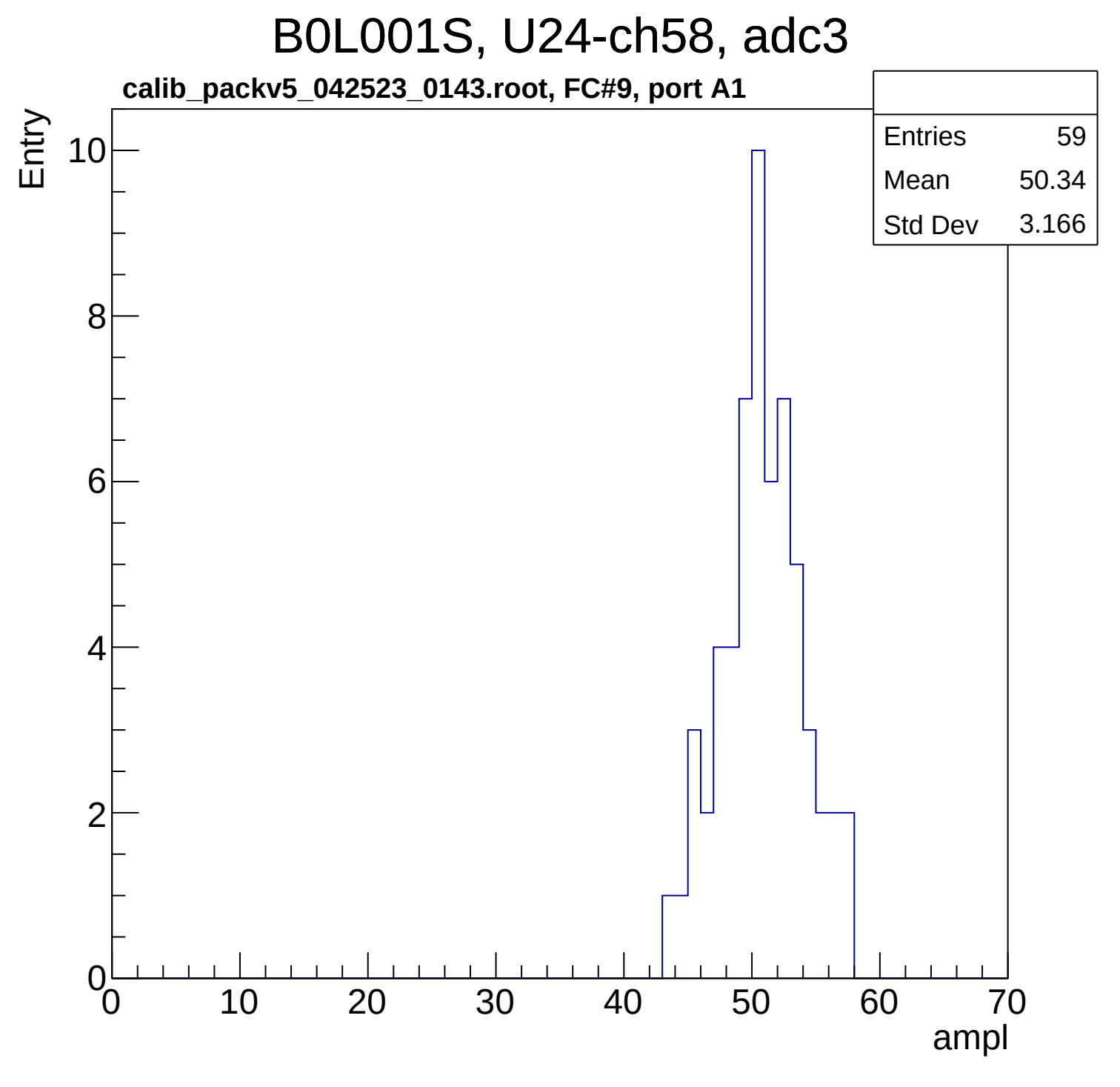
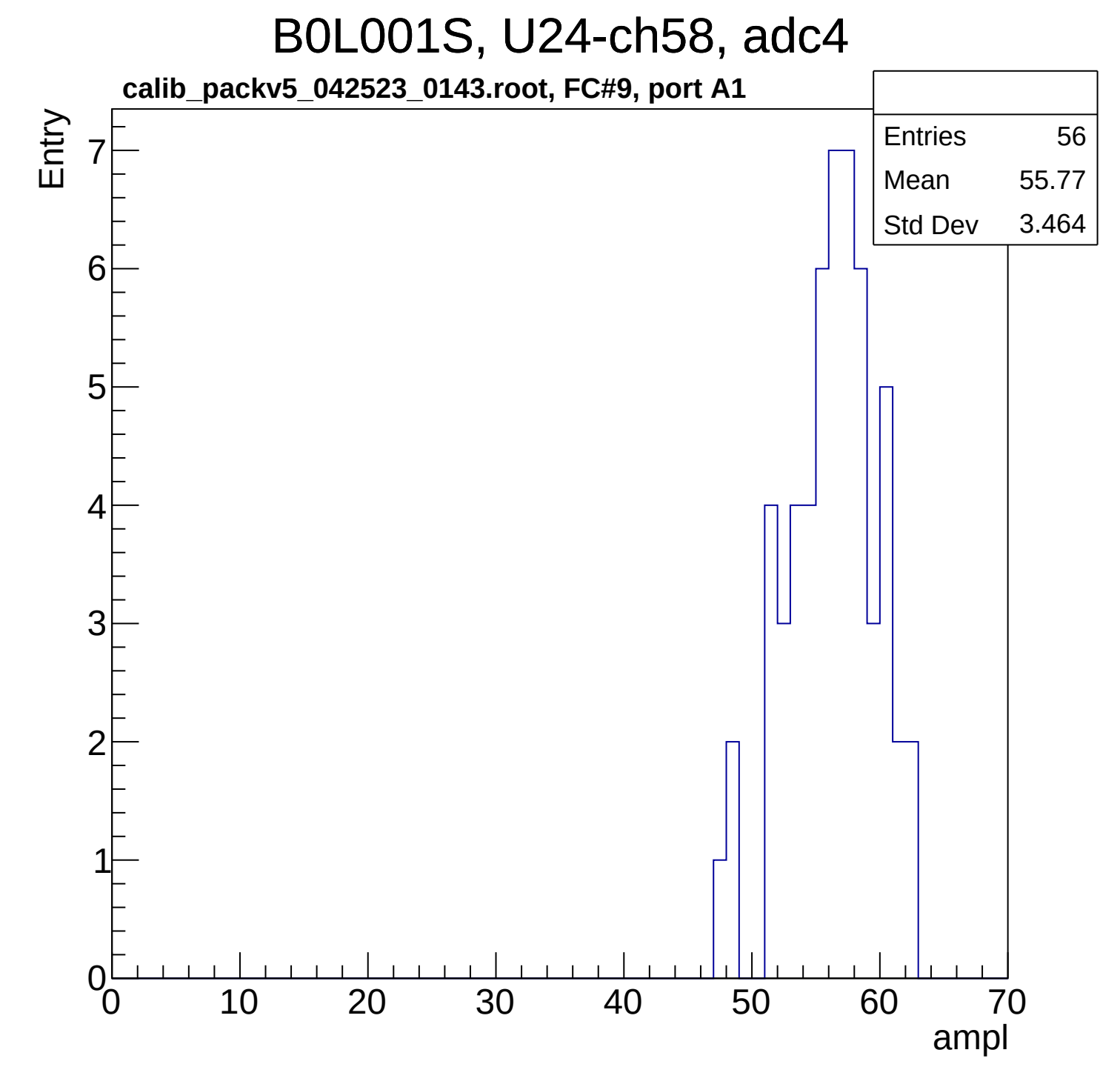

B0L001S, U24-ch58, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 50.34
Std Dev 3.166
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch58, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 55.77
Std Dev 3.464
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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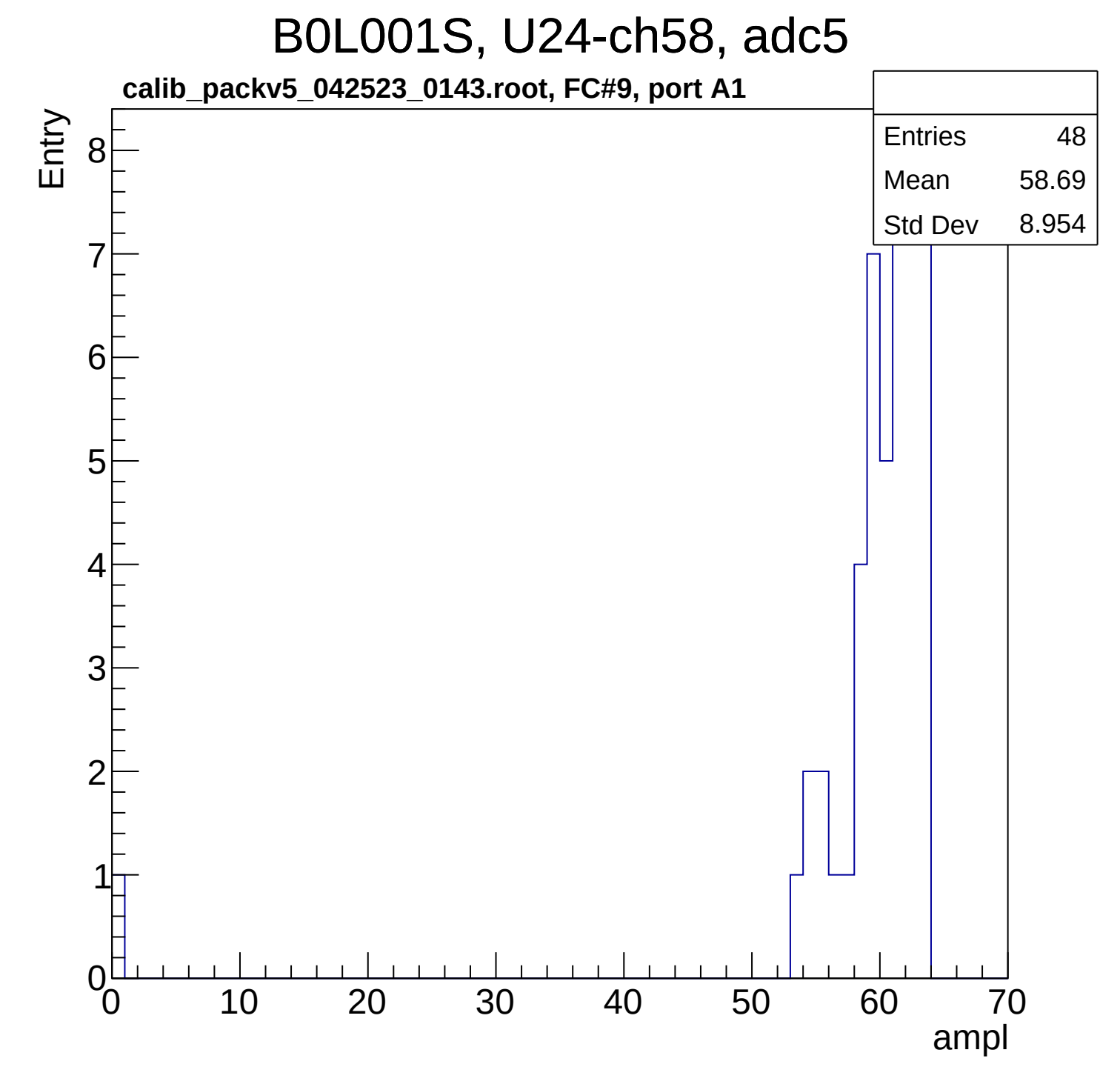
B0L001S, U24-ch58, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 58.69
Std Dev 8.954
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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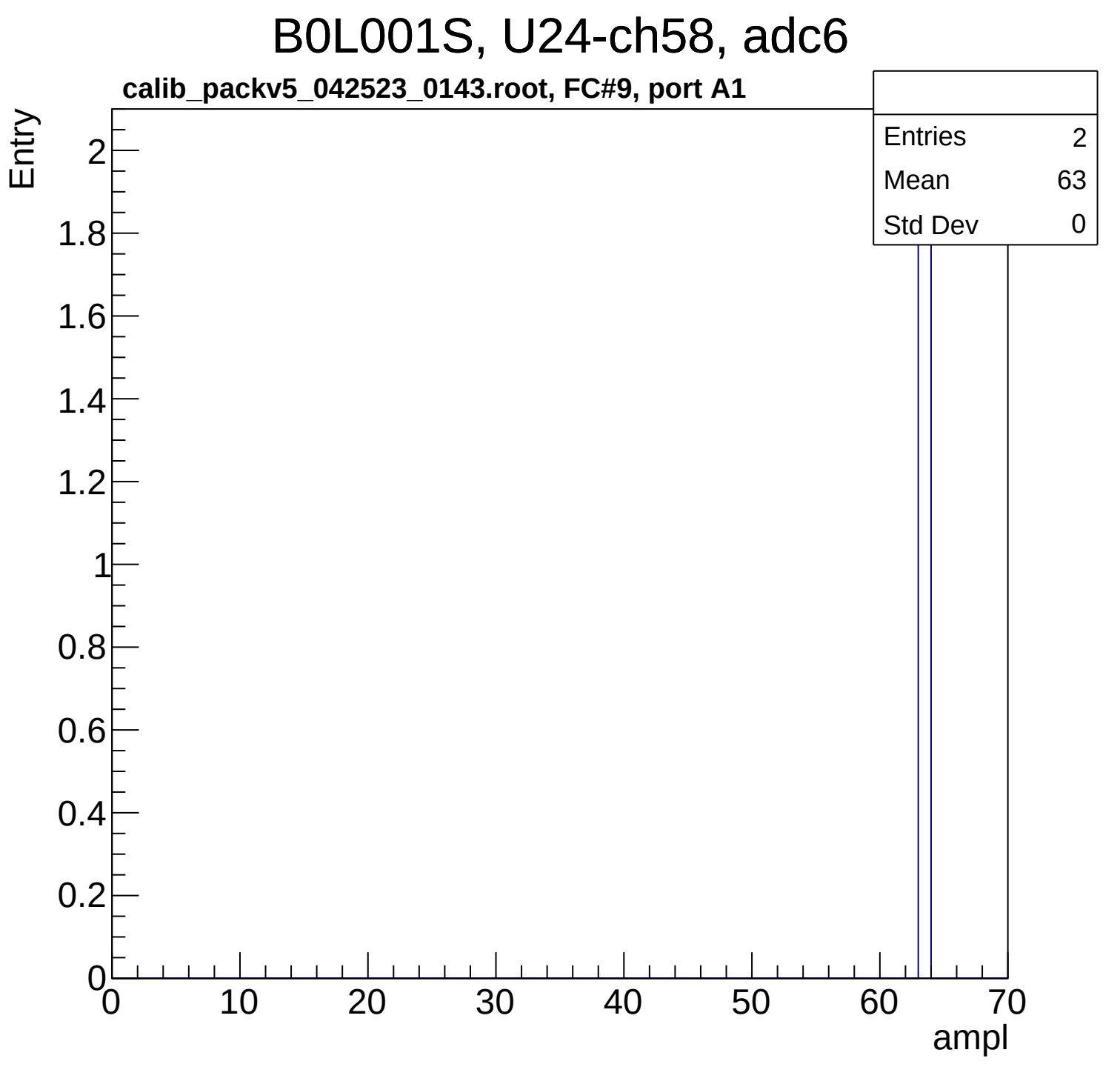
B0L001S, U24-ch58, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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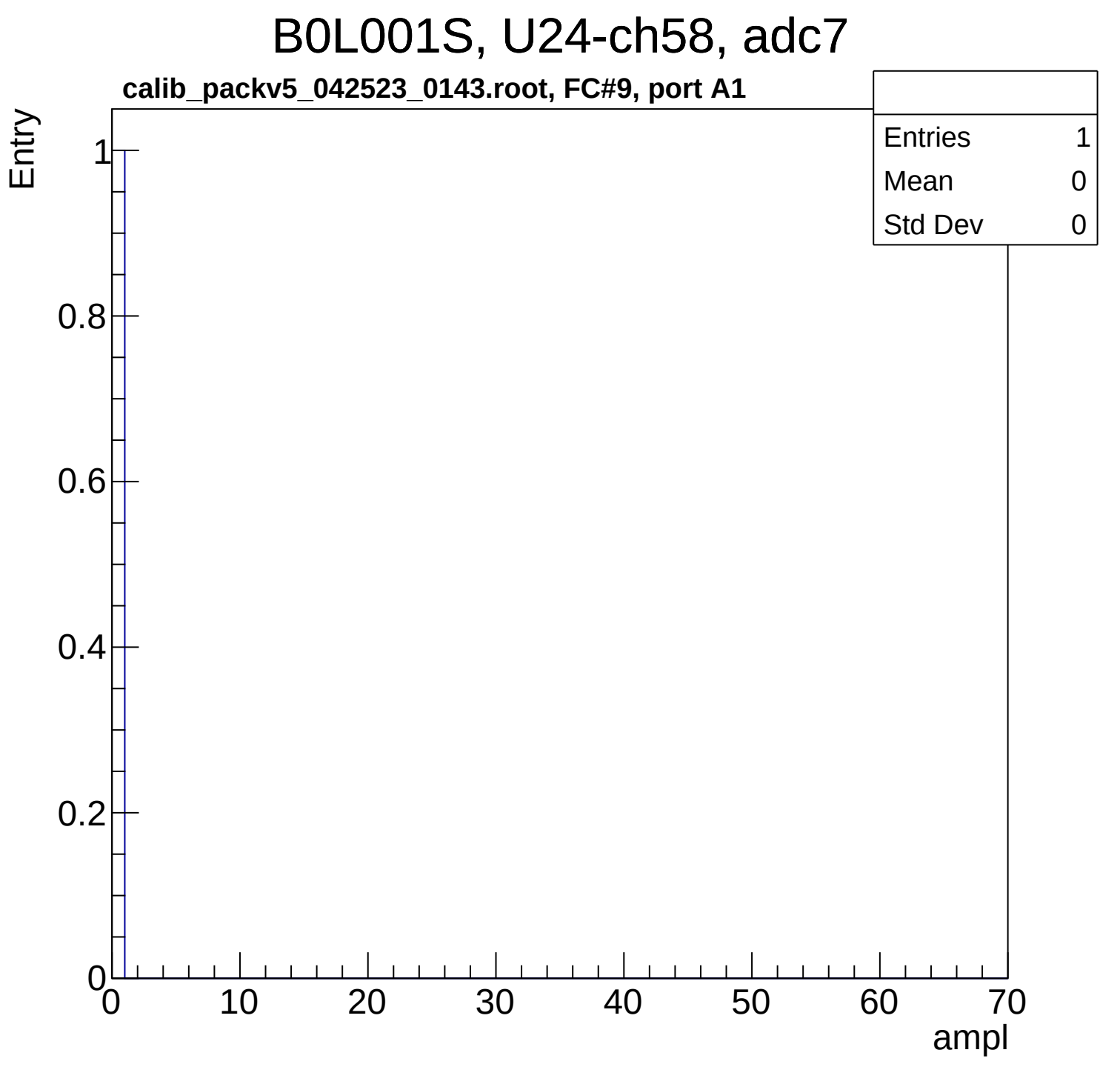
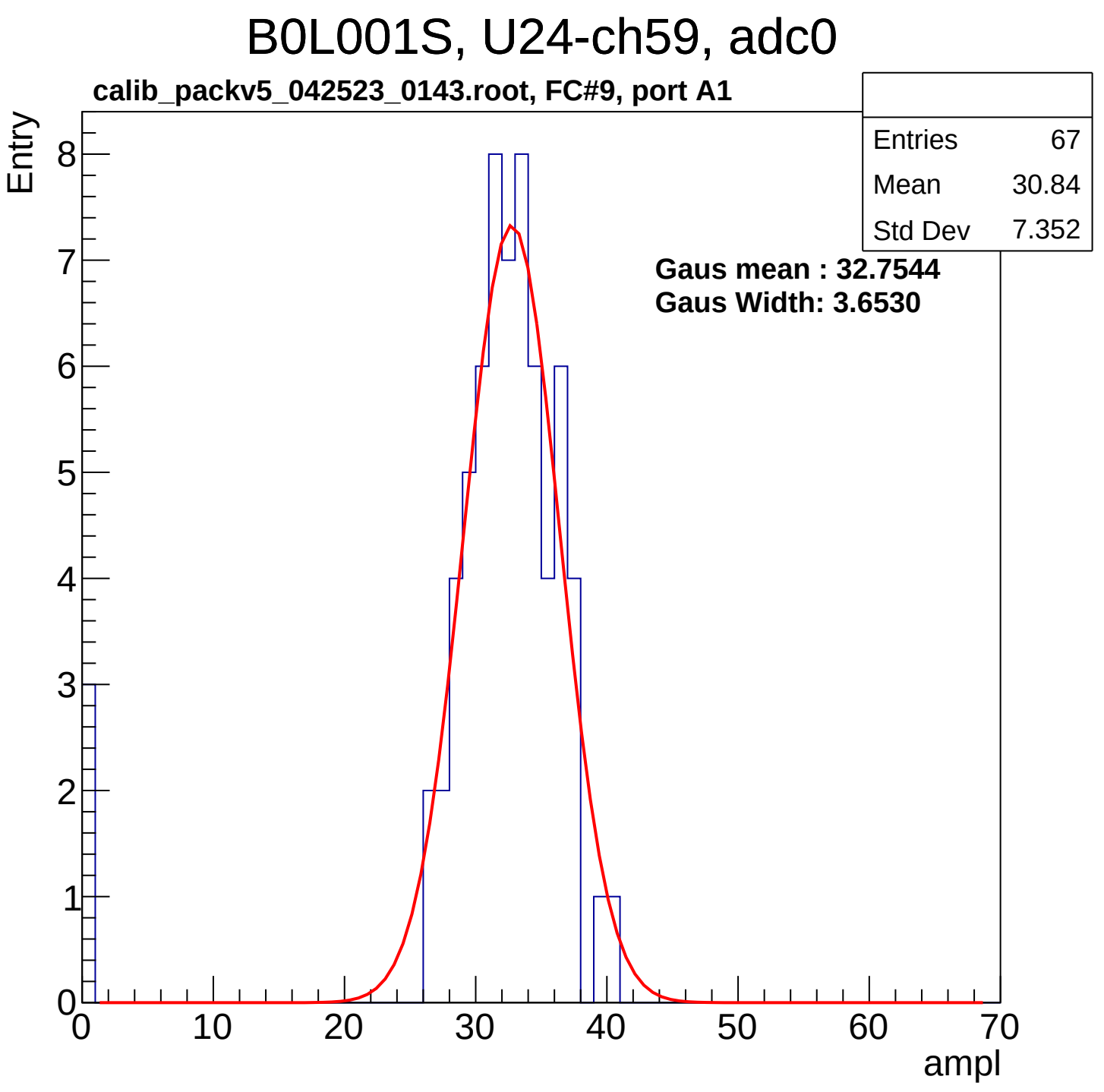
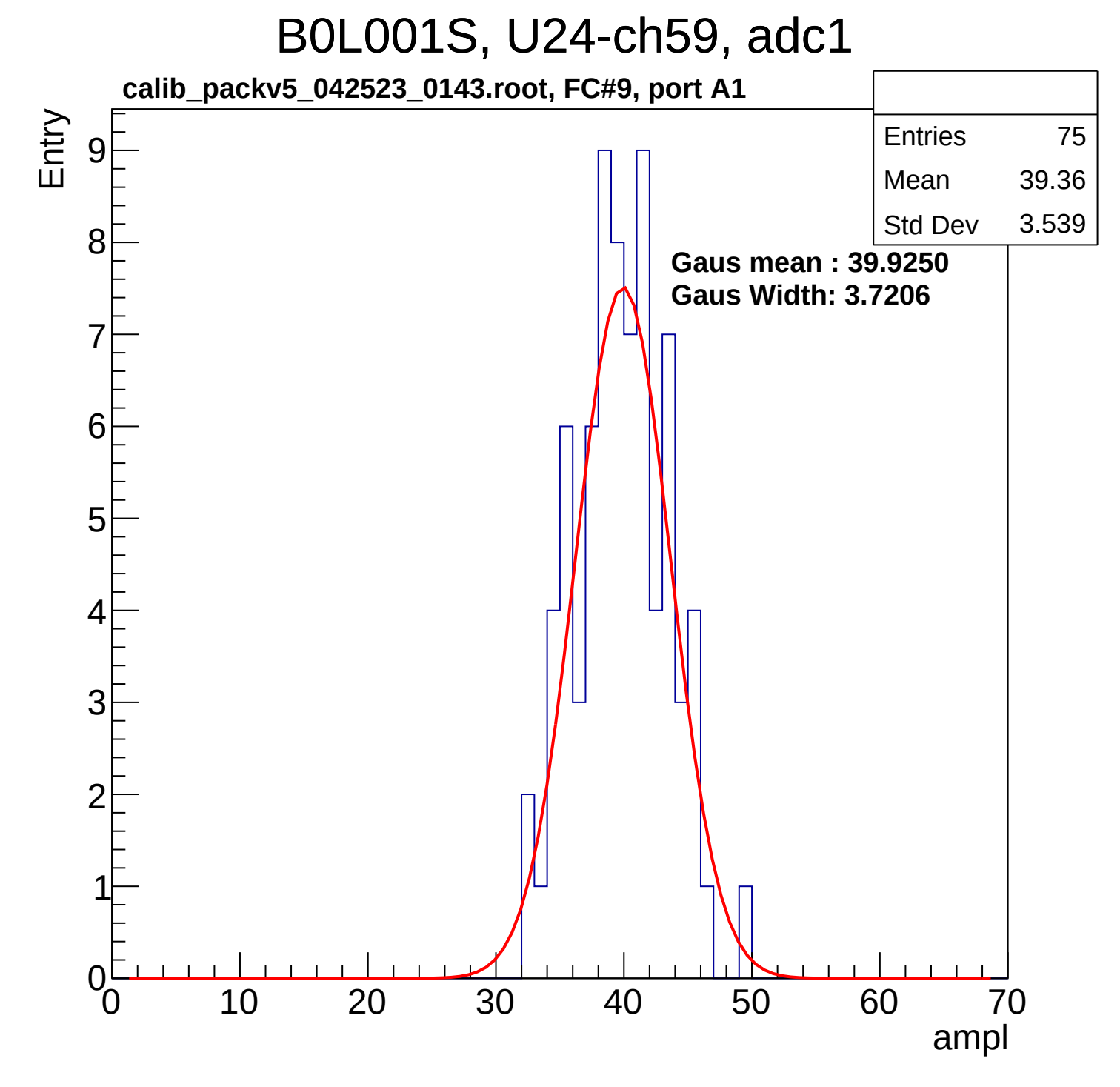

B0L001S, U24-ch58, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch59, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 30.84
Std Dev 7.352
Gaus mean : 32.7544
Gaus Width: 3.6530
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch59, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 39.36
Std Dev 3.539
Gaus mean : 39.9250
Gaus Width: 3.7206
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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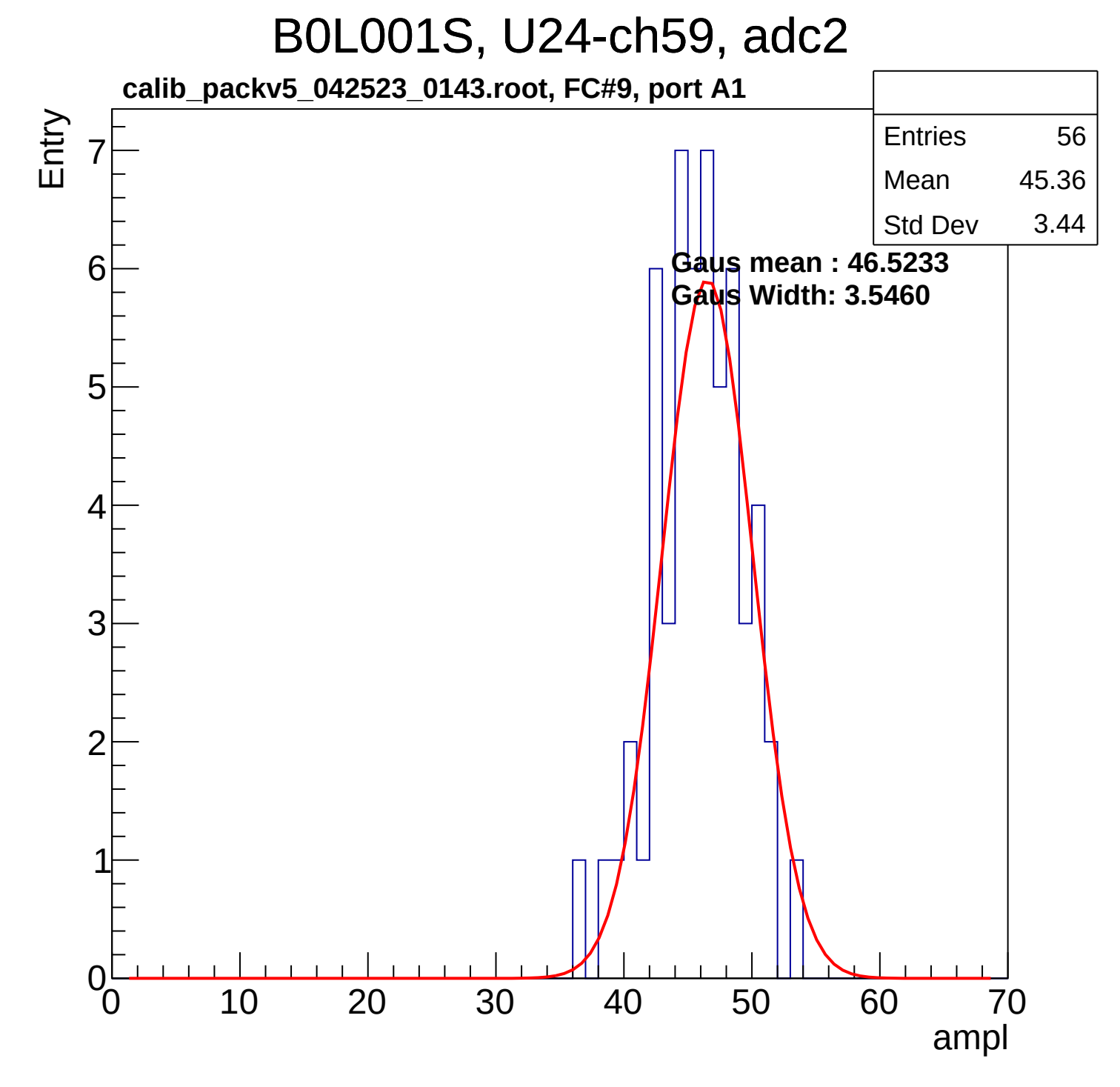
B0L001S, U24-ch59, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 45.36
Std Dev 3.44
Gaus mean : 46.5233
Gaus Width: 3.5460
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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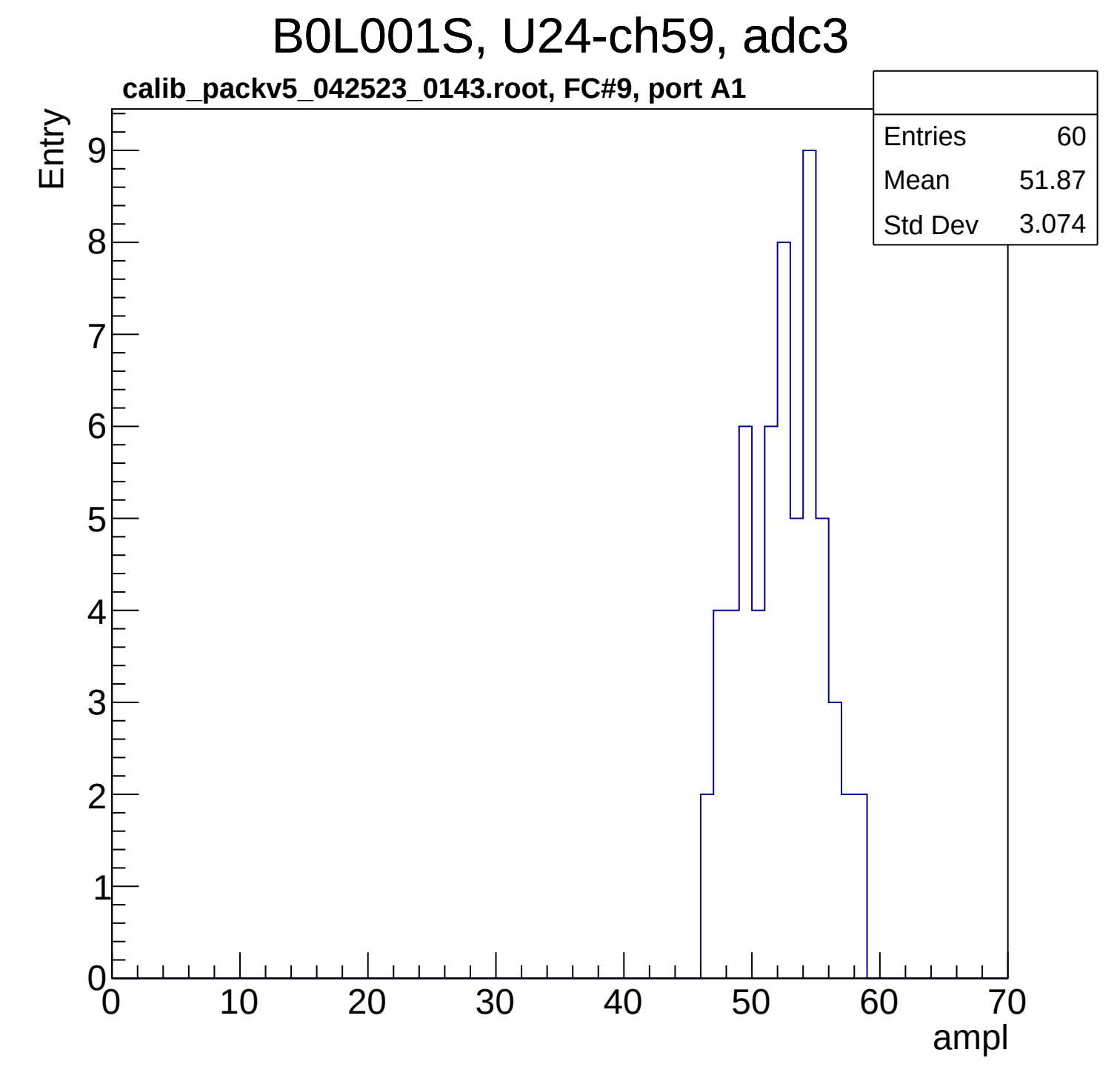
B0L001S, U24-ch59, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 51.87
Std Dev 3.074
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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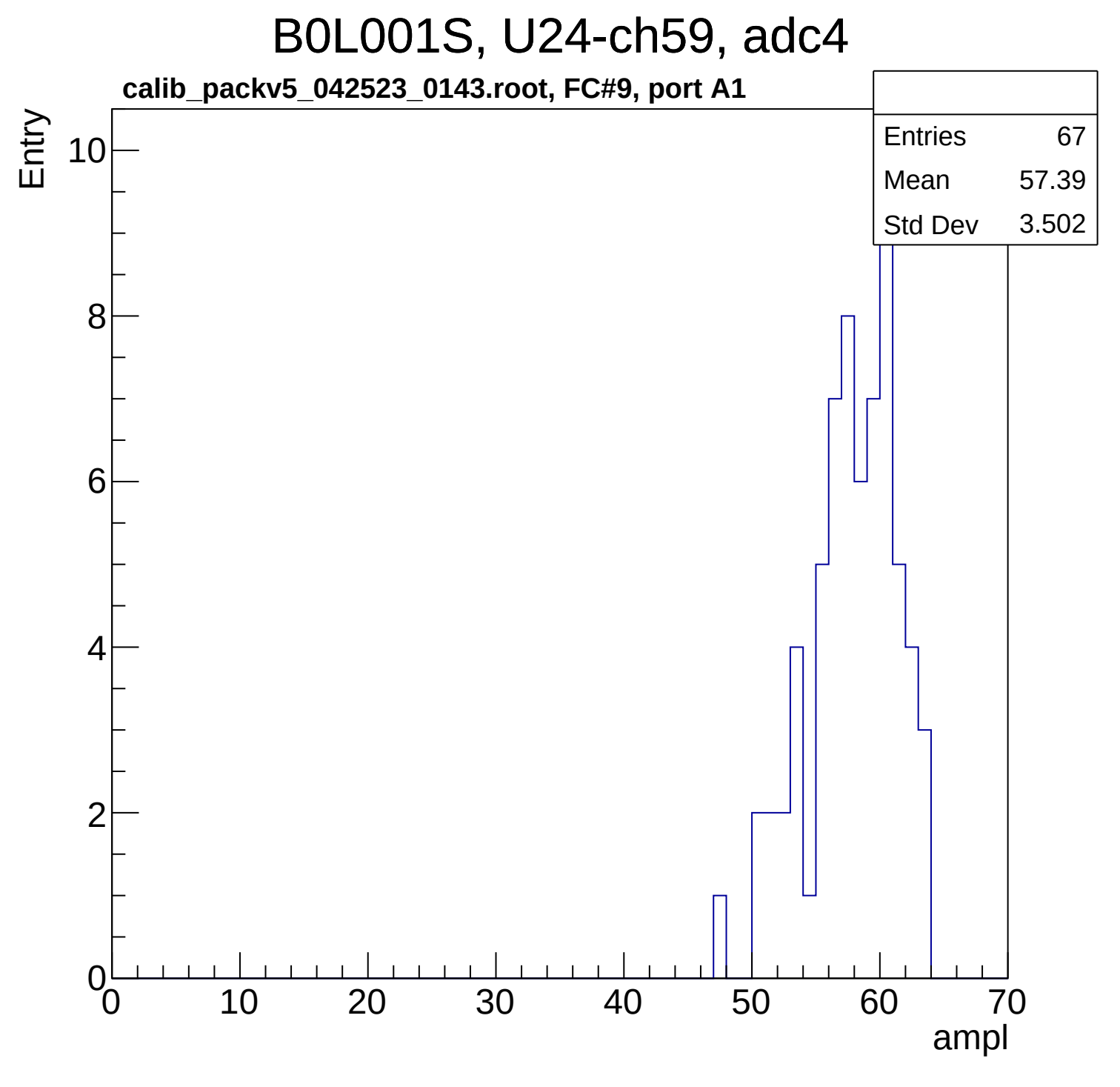
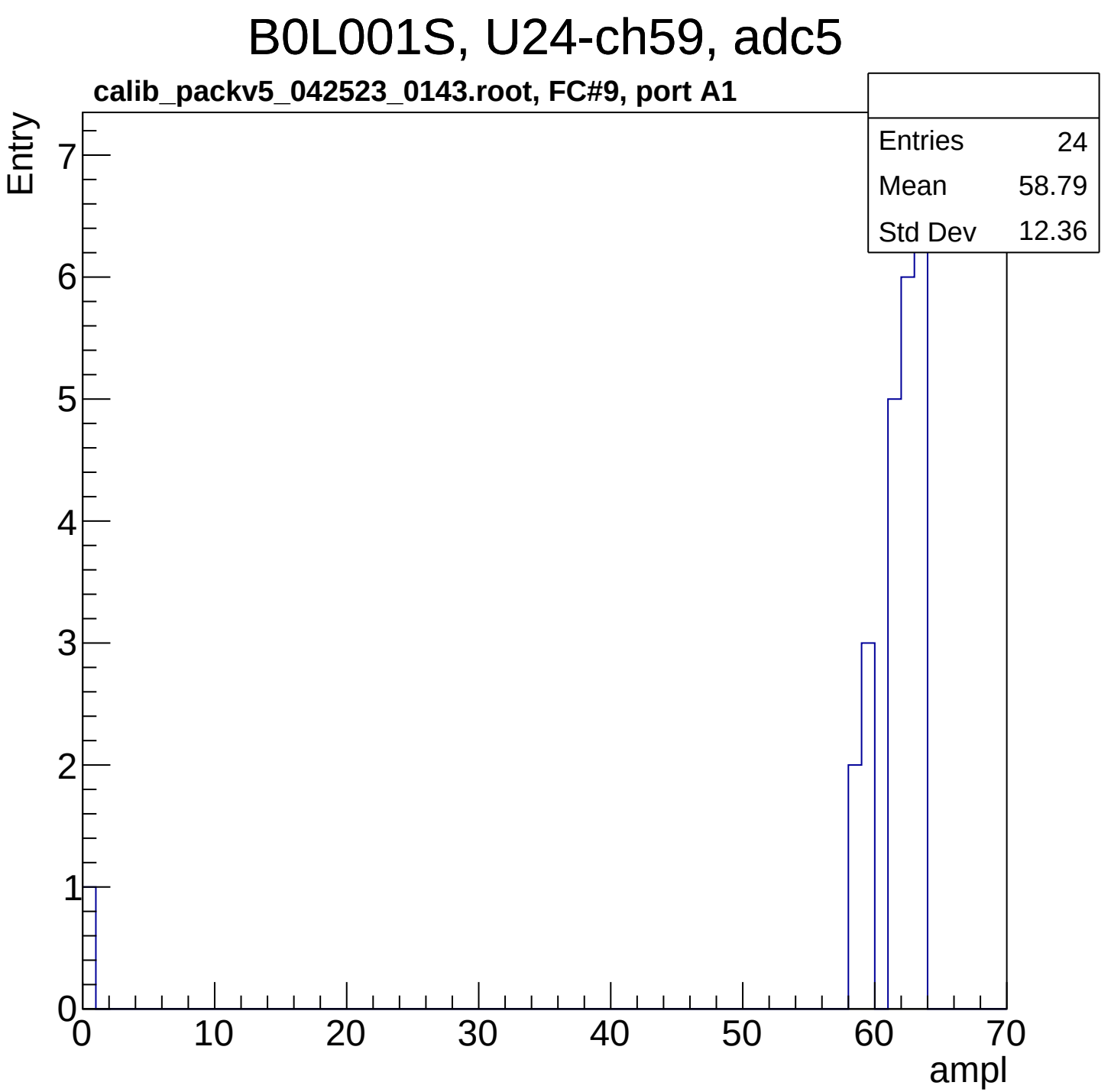

B0L001S, U24-ch59, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 57.39
Std Dev 3.502
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch59, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 58.79
Std Dev 12.36
Entry
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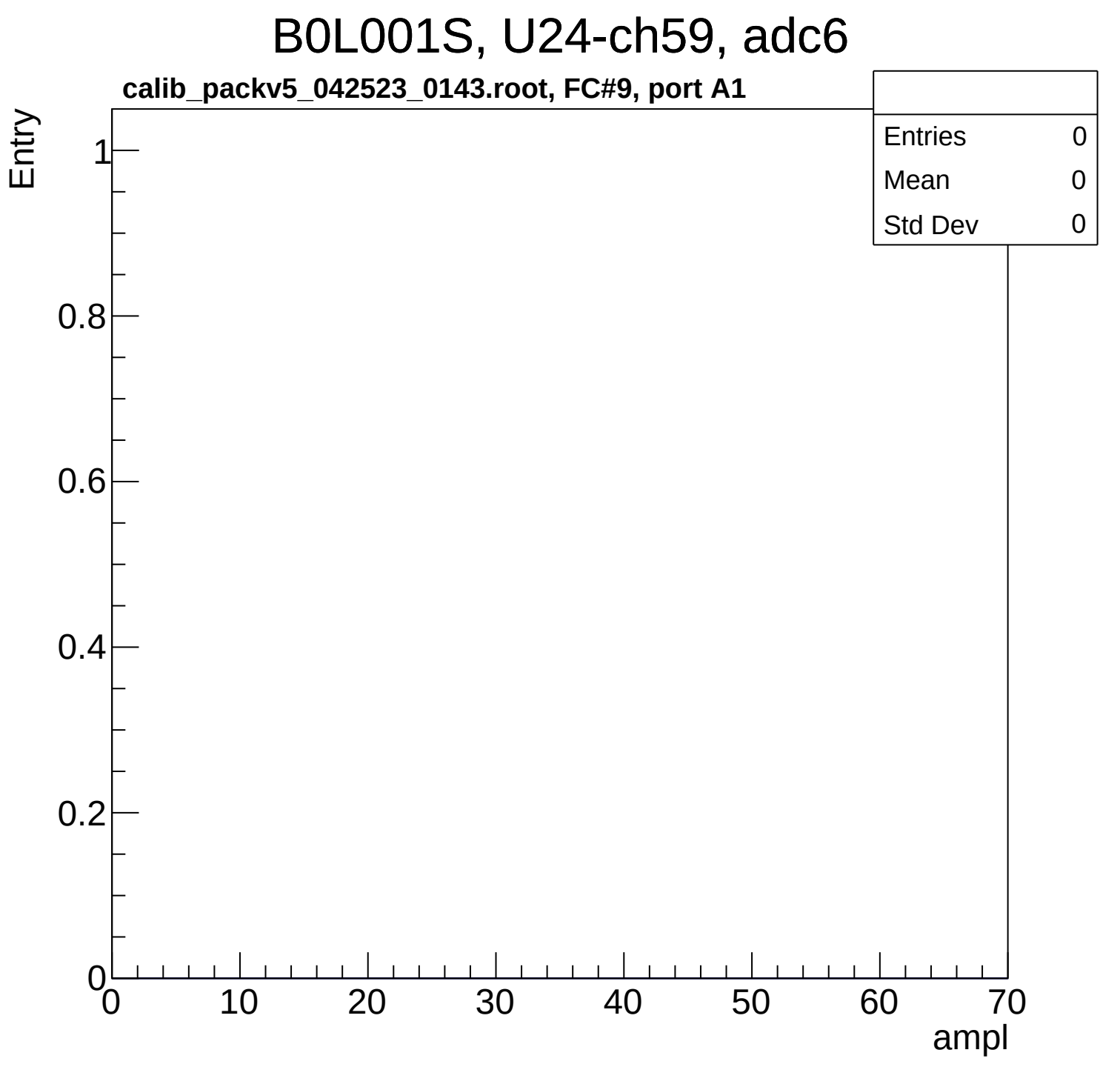
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch59, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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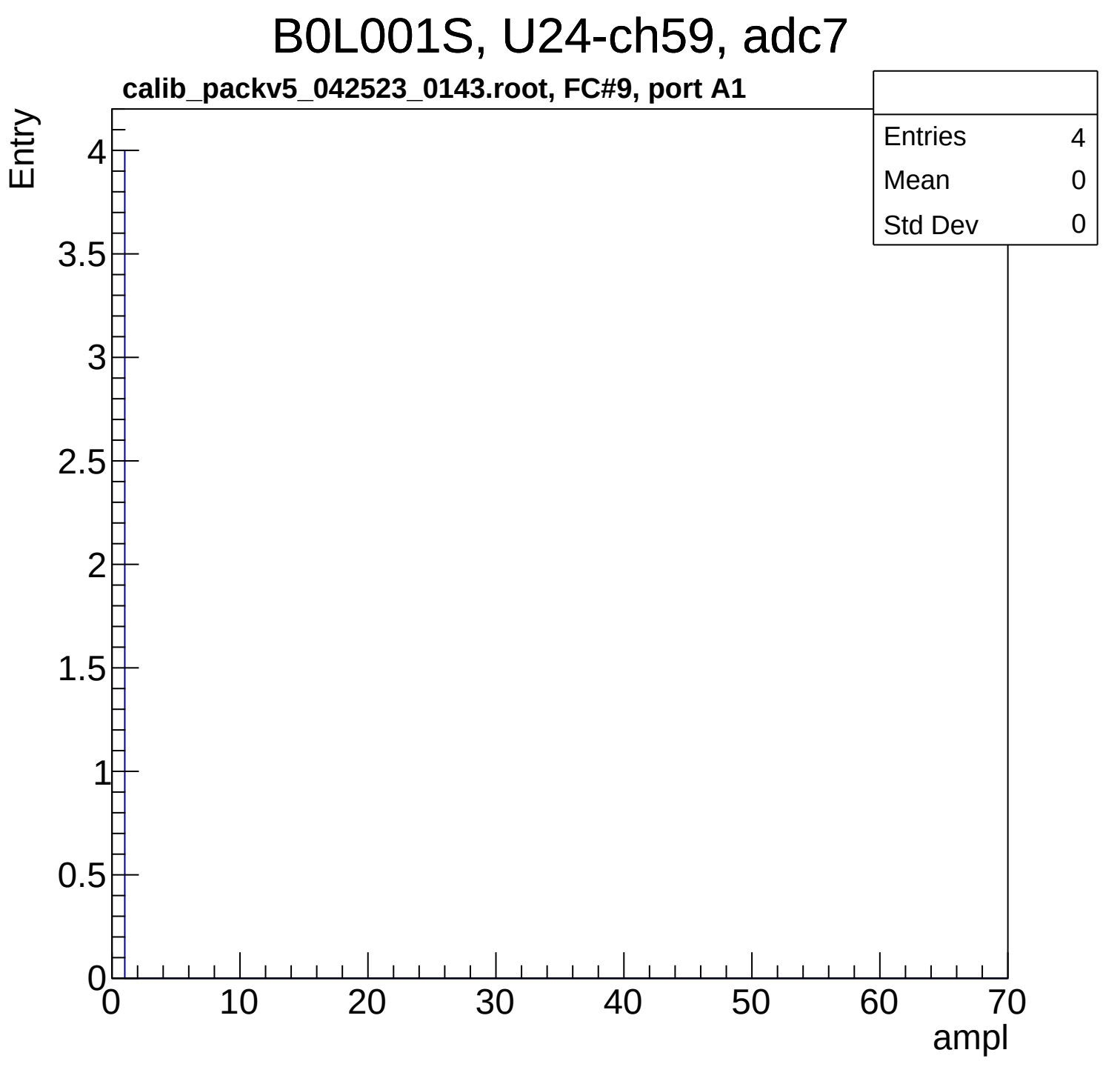
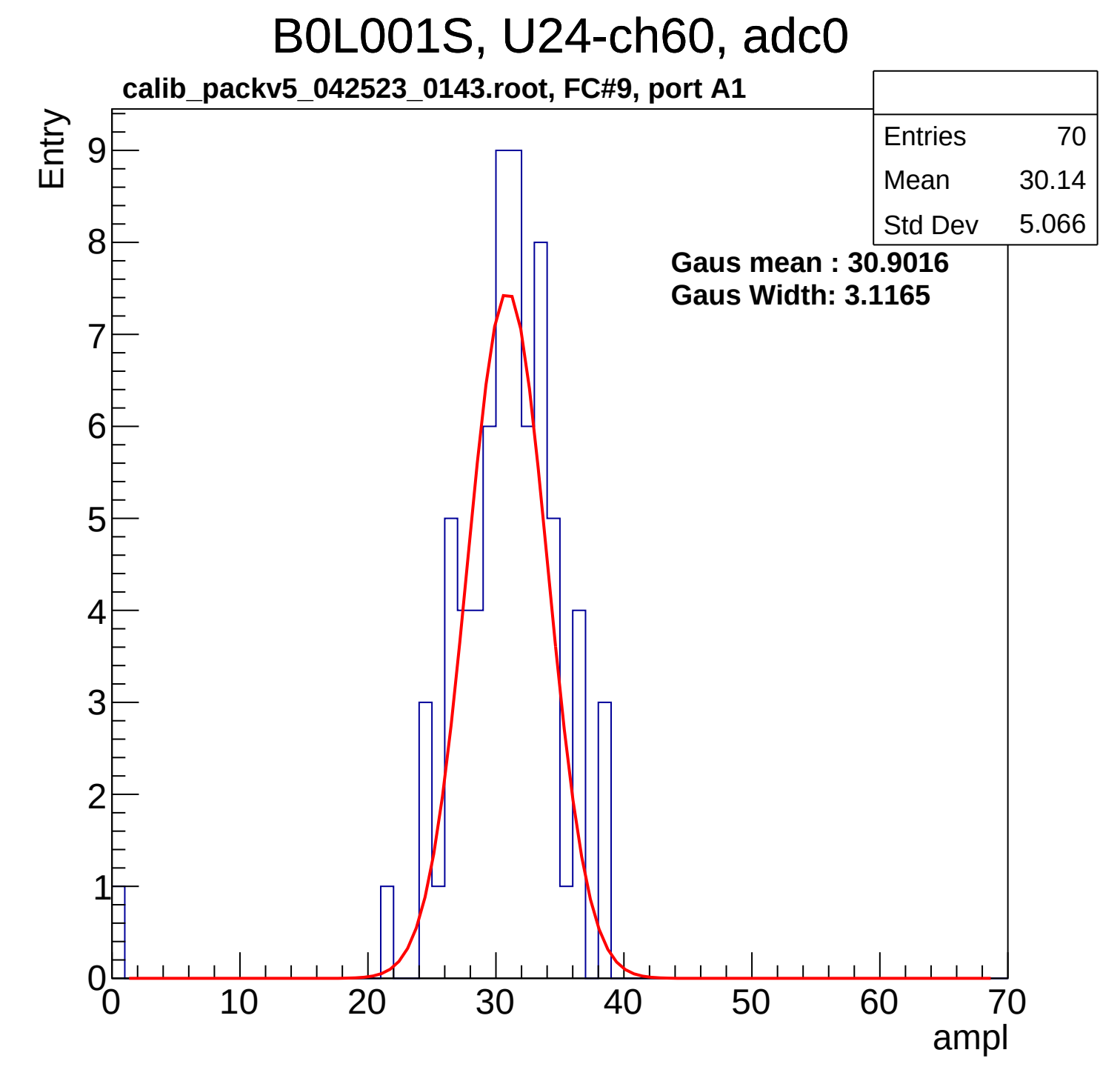
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch59, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 0
Std Dev 0
Entry
4
3.5
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch60, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 30.14
Std Dev 5.066
Gaus mean : 30.9016
Gaus Width: 3.1165
Entry
ampl
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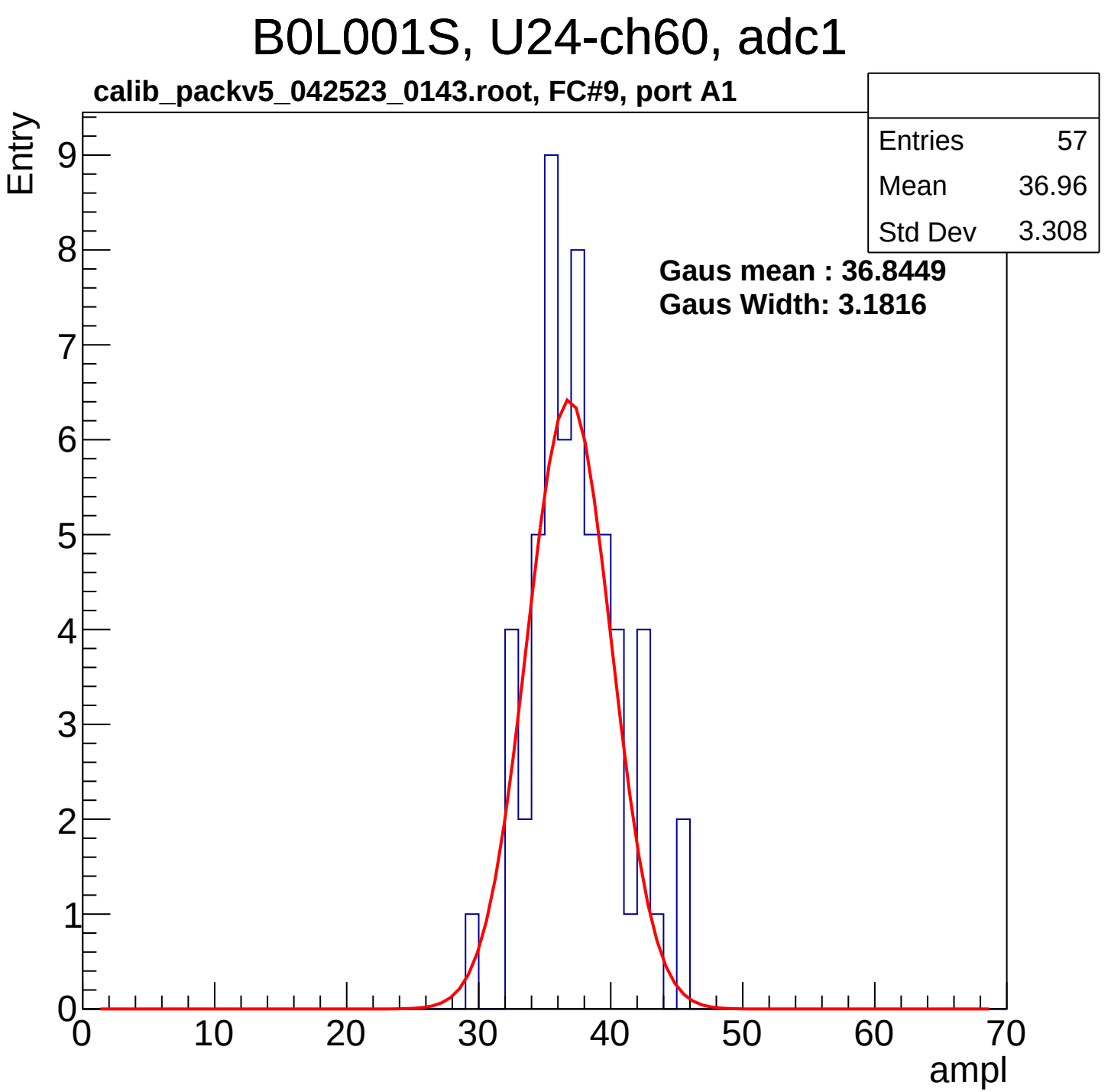
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch60, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 36.96
Std Dev 3.308
Gaus mean : 36.8449
Gaus Width: 3.1816
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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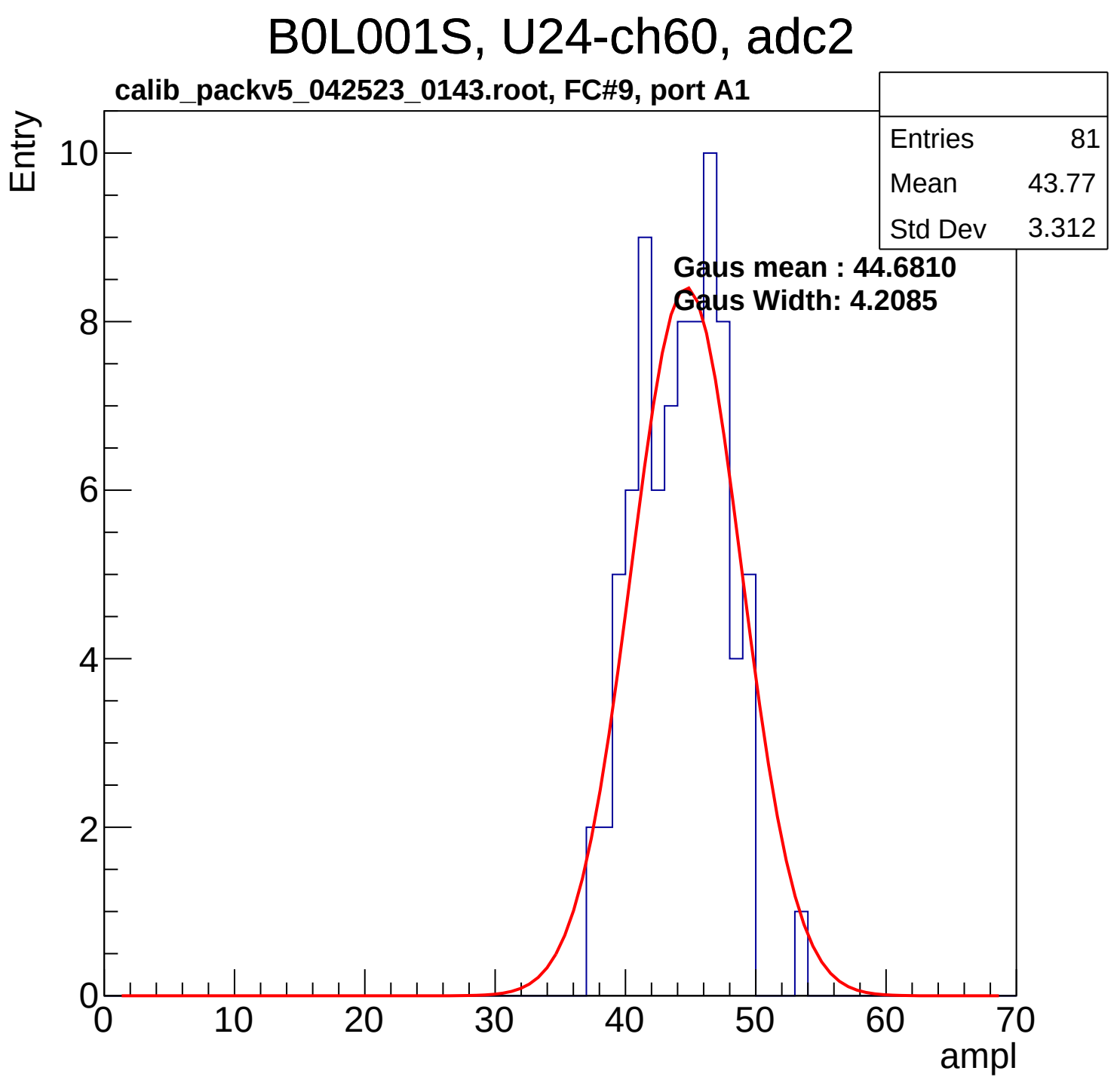
B0L001S, U24-ch60, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 43.77
Std Dev 3.312
Gaus mean : 44.6810
Gaus Width: 4.2085
Entry
ampl
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2
4
6
8
10
0
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20
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40
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60
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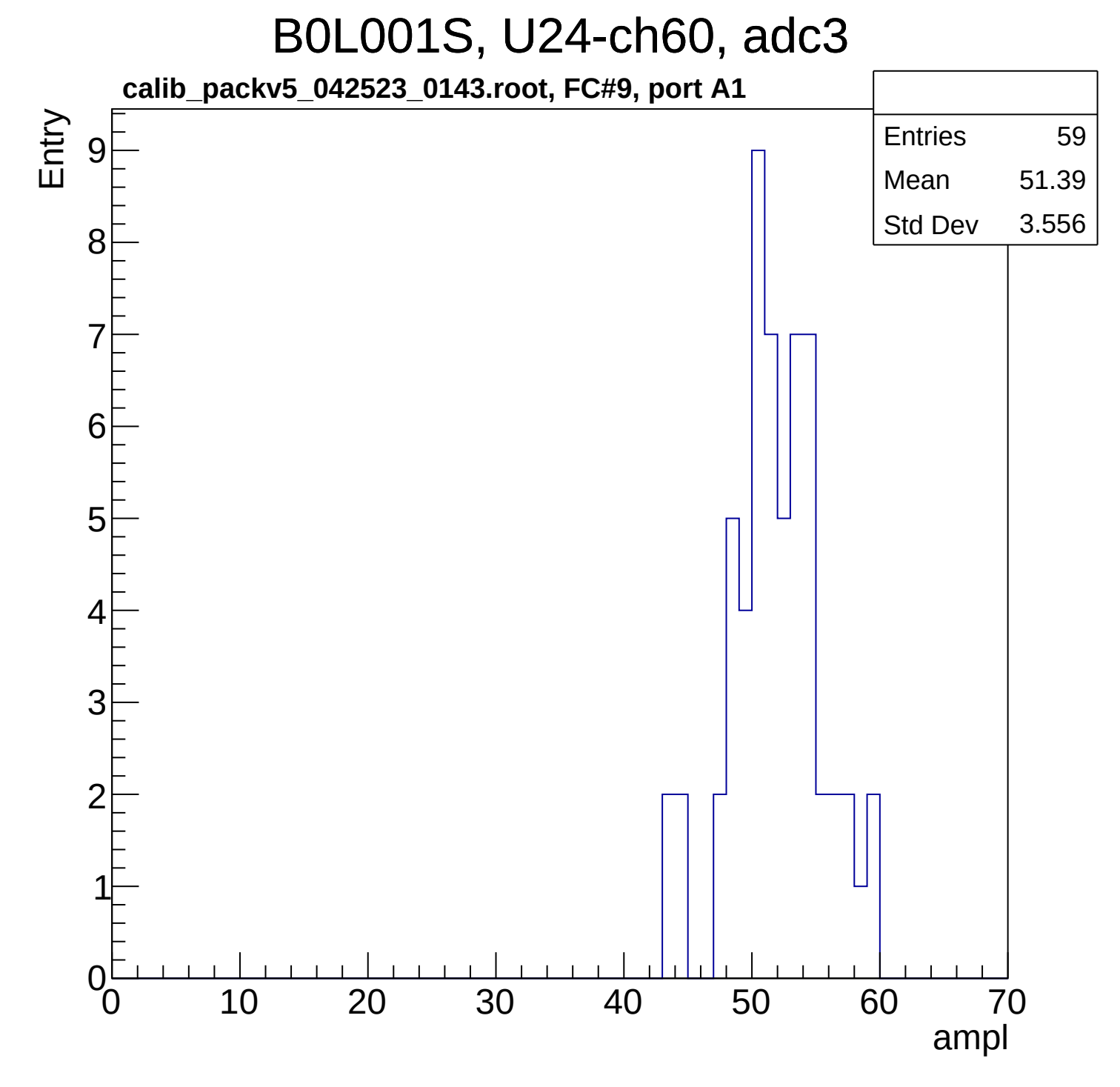
B0L001S, U24-ch60, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 51.39
Std Dev 3.556
Entry
ampl
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5
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60
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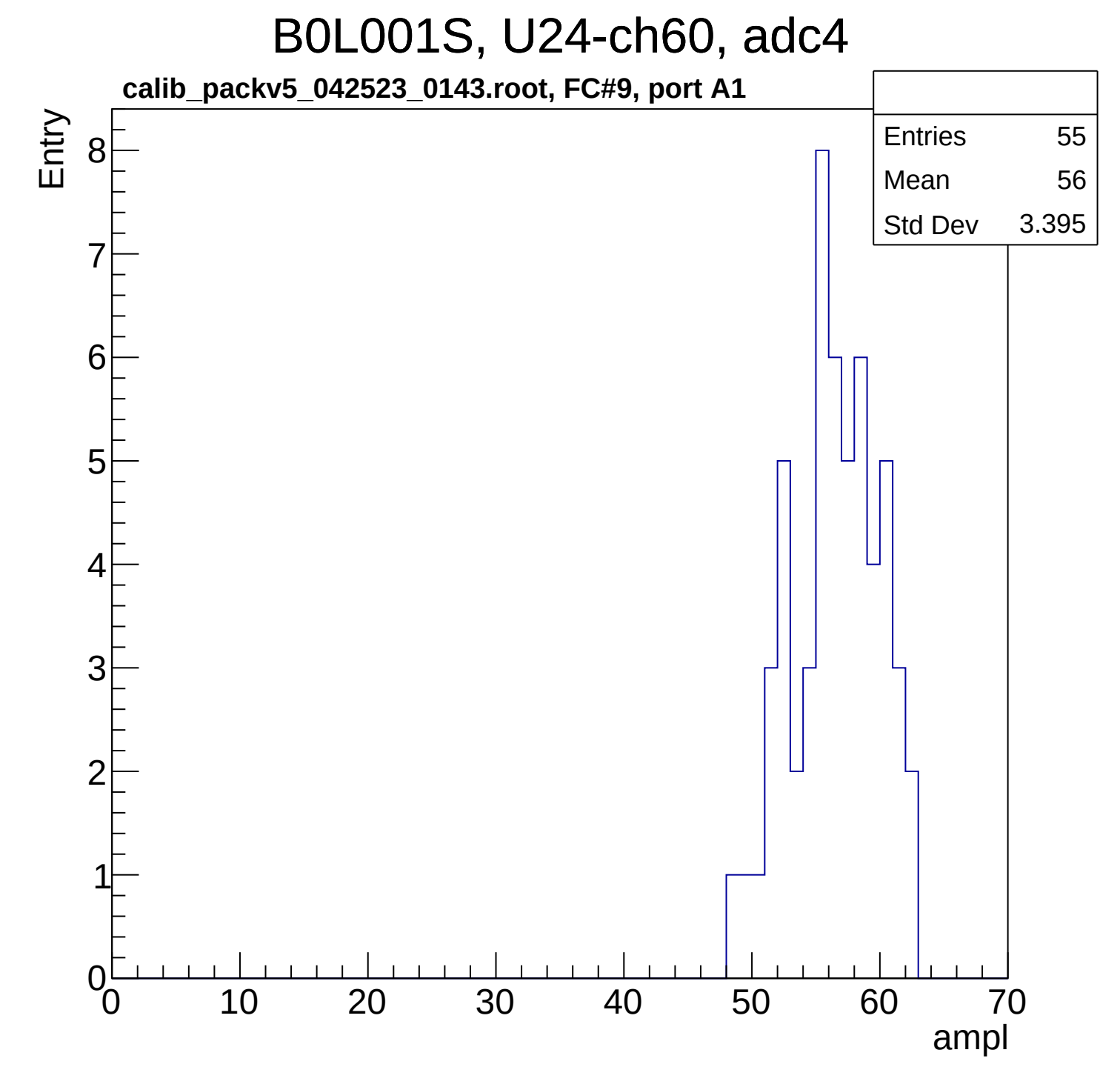
B0L001S, U24-ch60, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 56
Std Dev 3.395
Entry
ampl
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2
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4
5
6
7
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0
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40
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60
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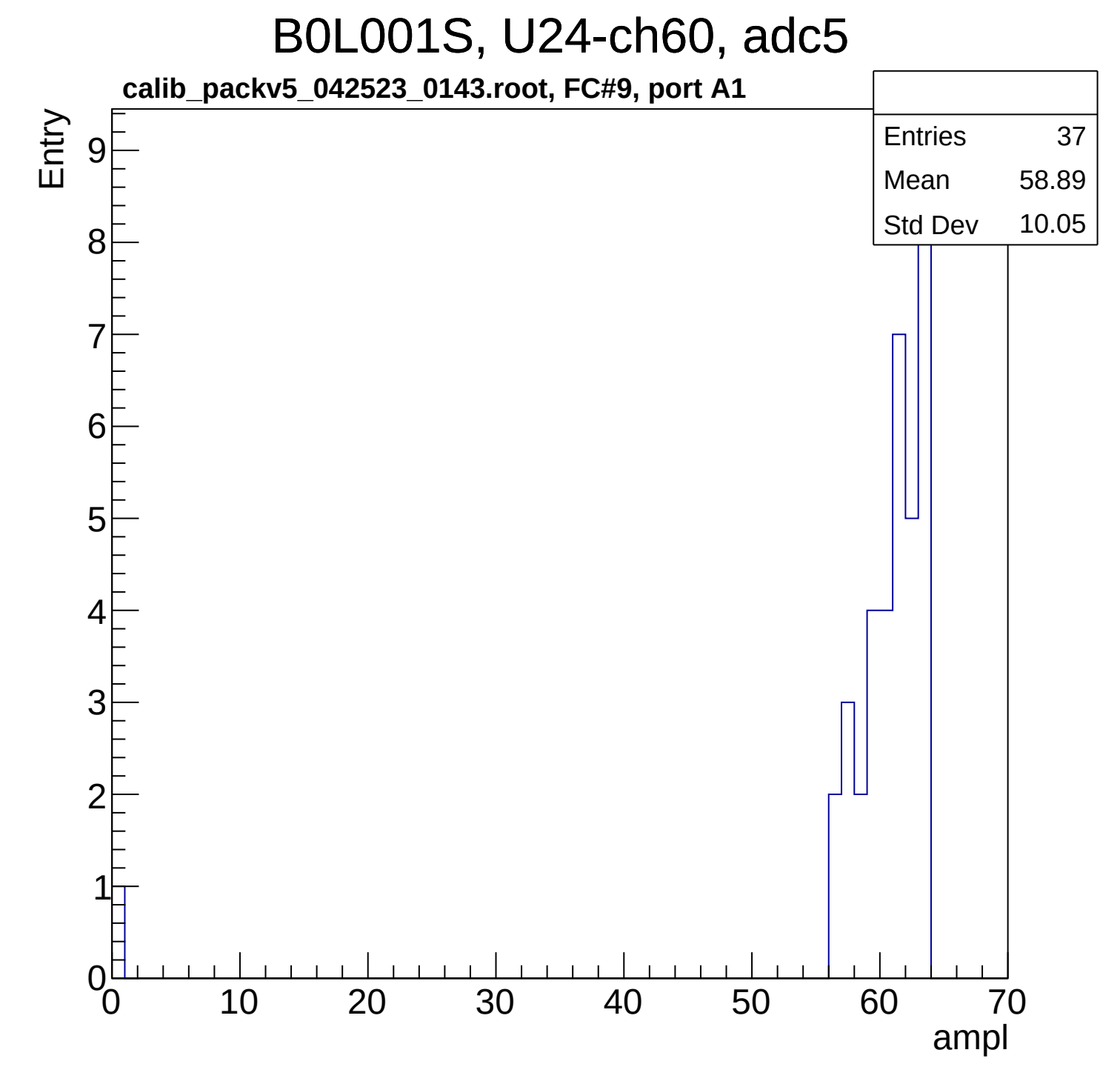
B0L001S, U24-ch60, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.89
Std Dev 10.05
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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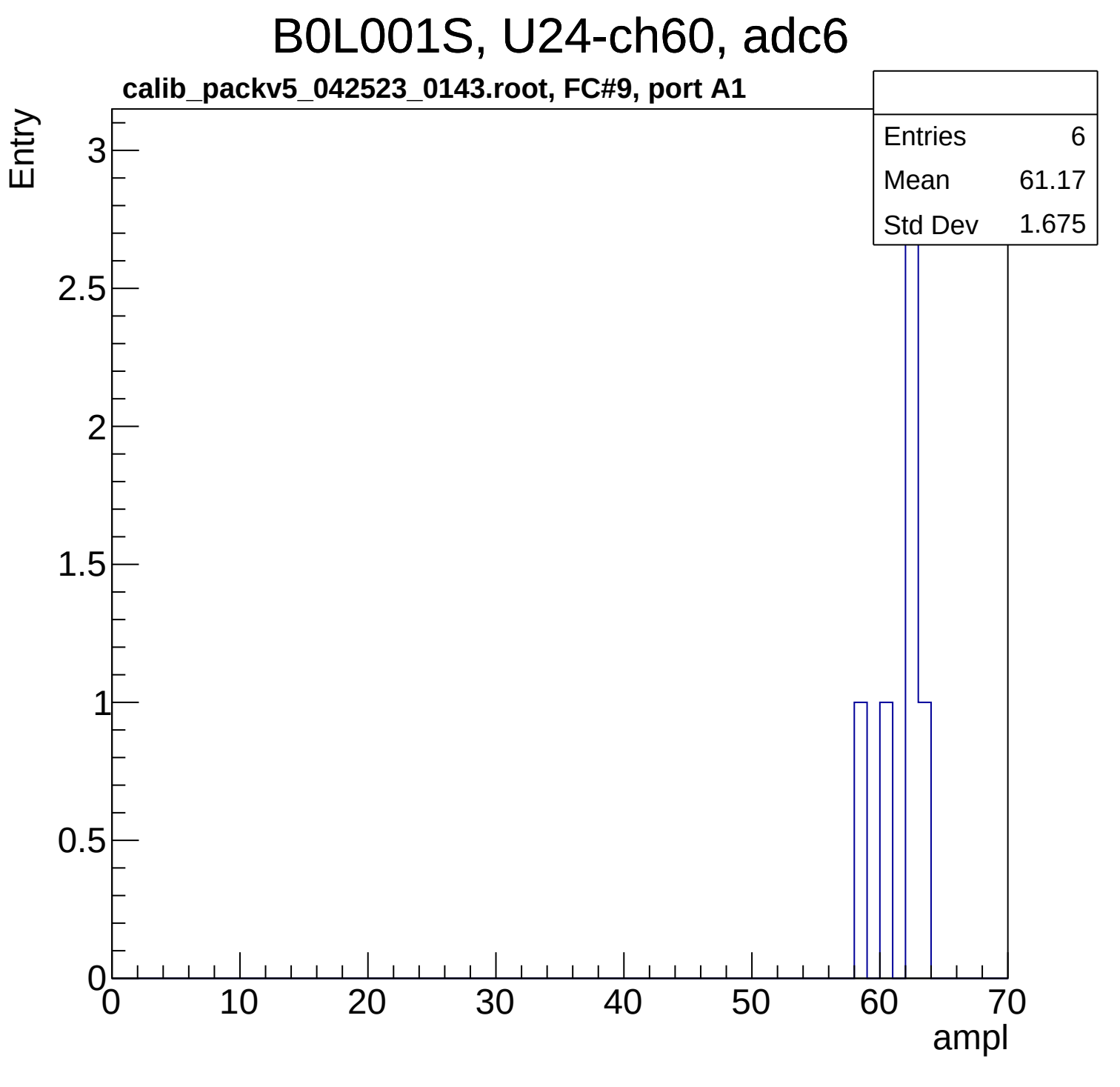
B0L001S, U24-ch60, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 61.17
Std Dev 1.675
Entry
ampl
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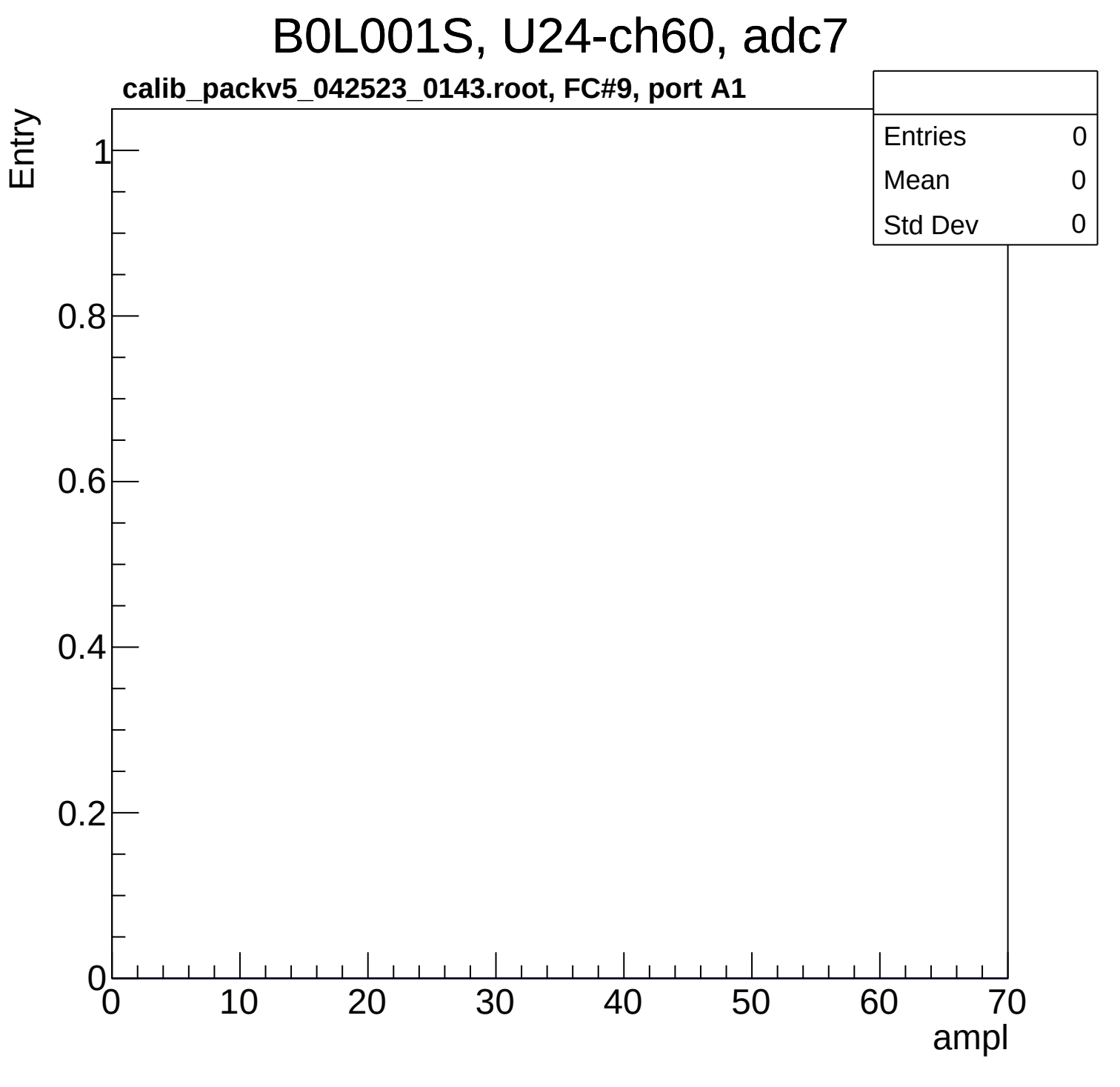
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch60, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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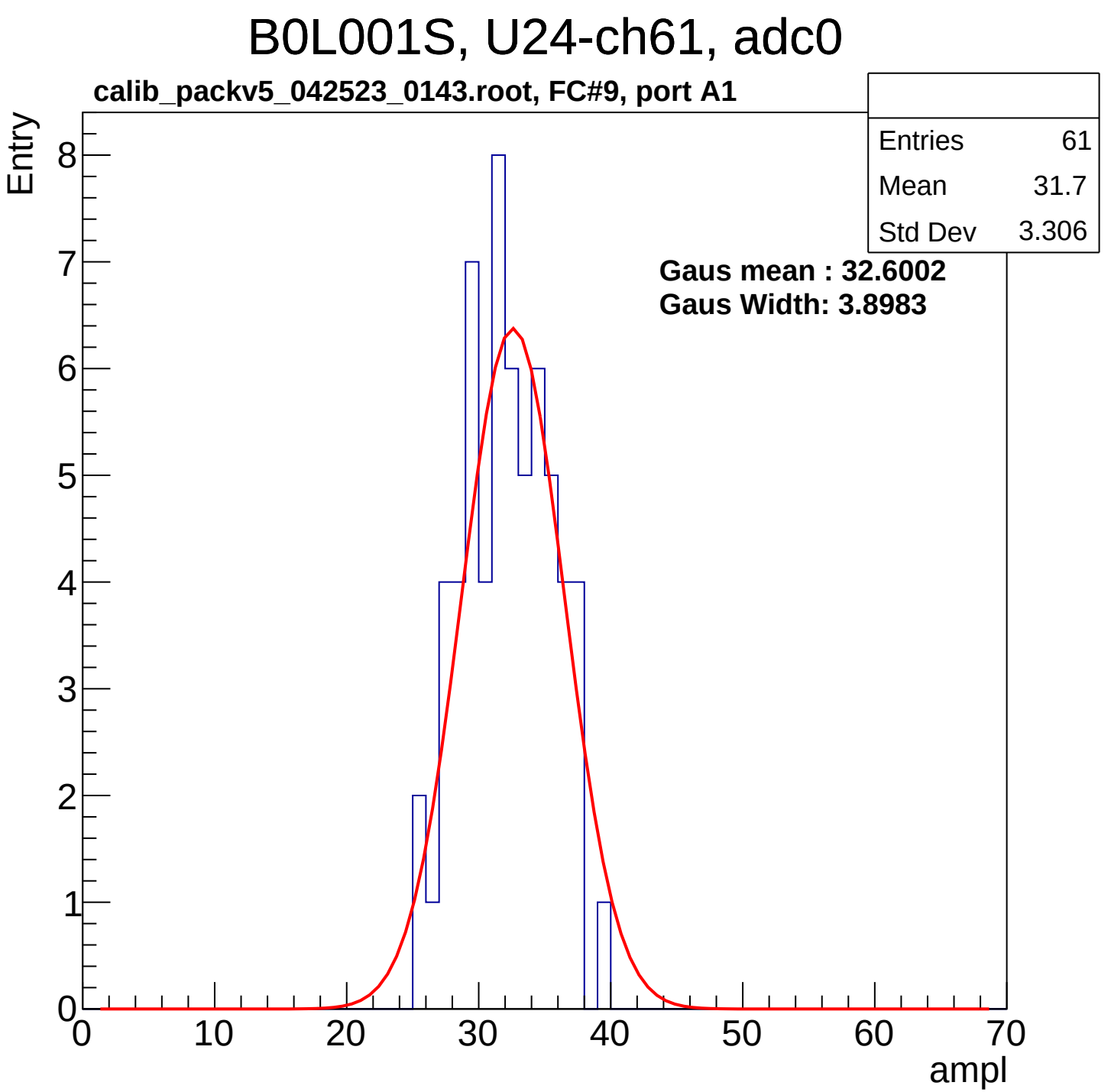
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch61, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 31.7
Std Dev 3.306
Gaus mean : 32.6002
Gaus Width: 3.8983
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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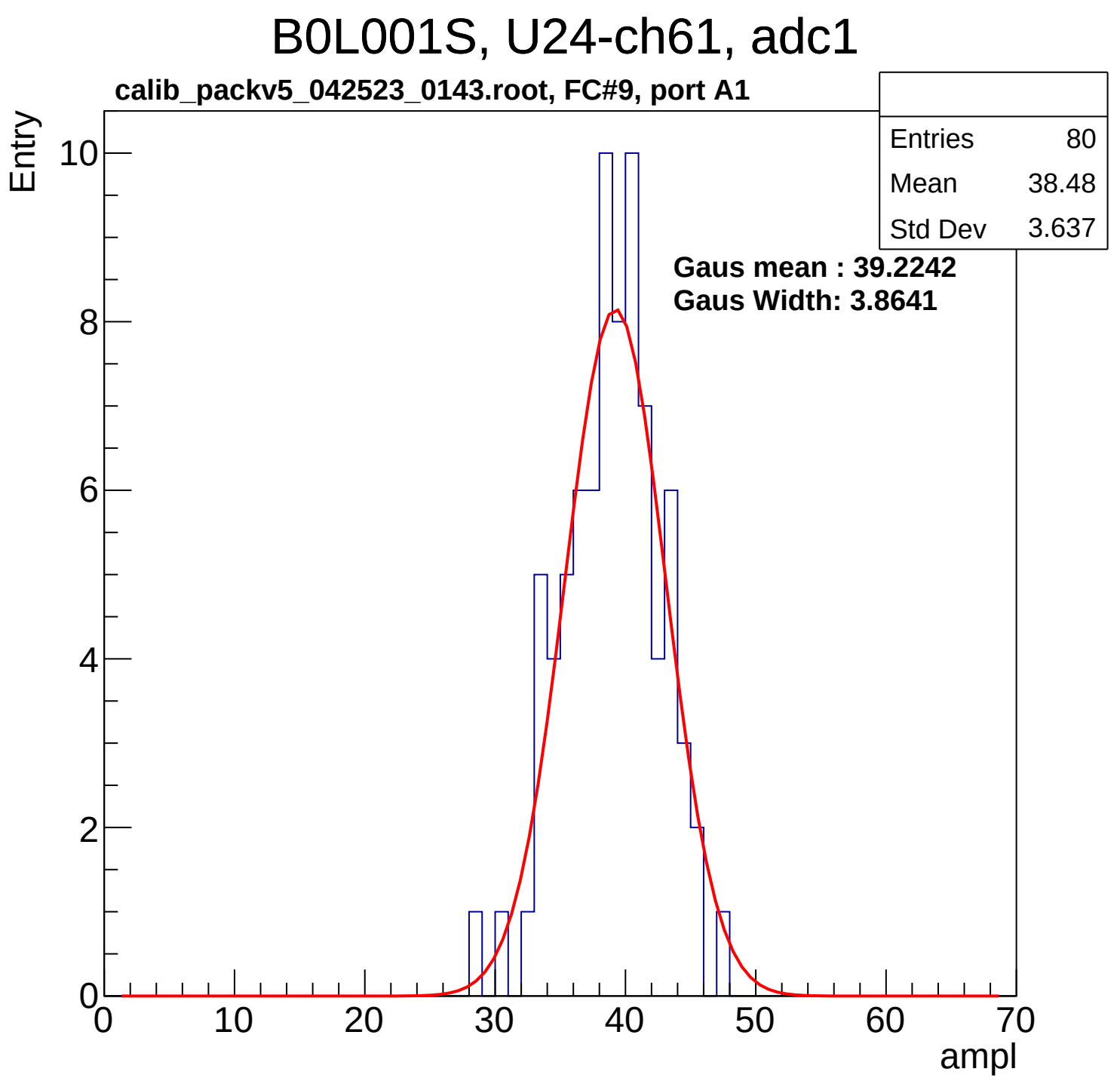
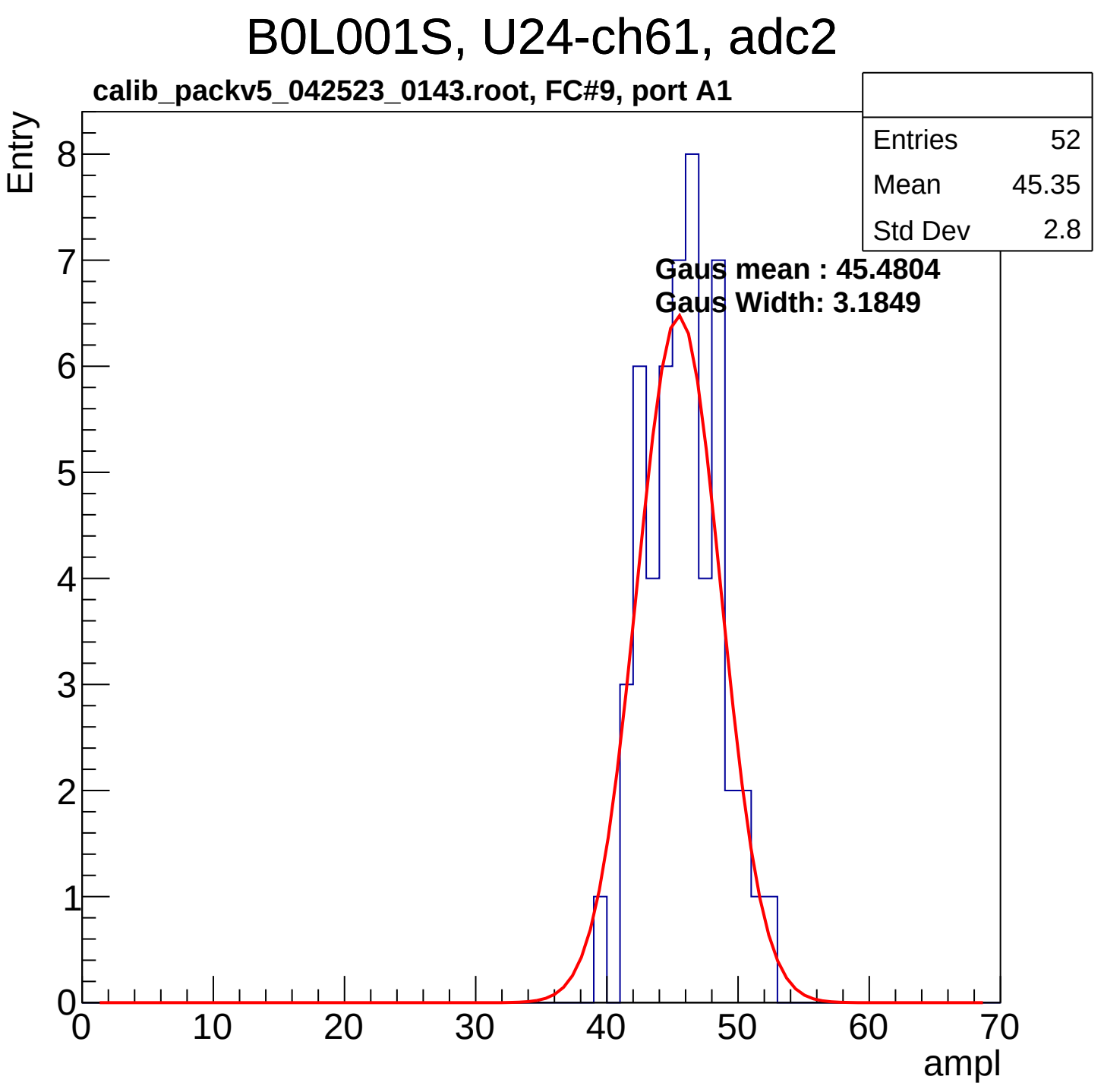
40
50
60
70


B0L001S, U24-ch61, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 38.48
Std Dev 3.637
Gaus mean : 39.2242
Gaus Width: 3.8641
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch61, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 45.35
Std Dev 2.8
Gaus mean : 45.4804
Gaus Width: 3.1849
Entry
ampl
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1
2
3
4
5
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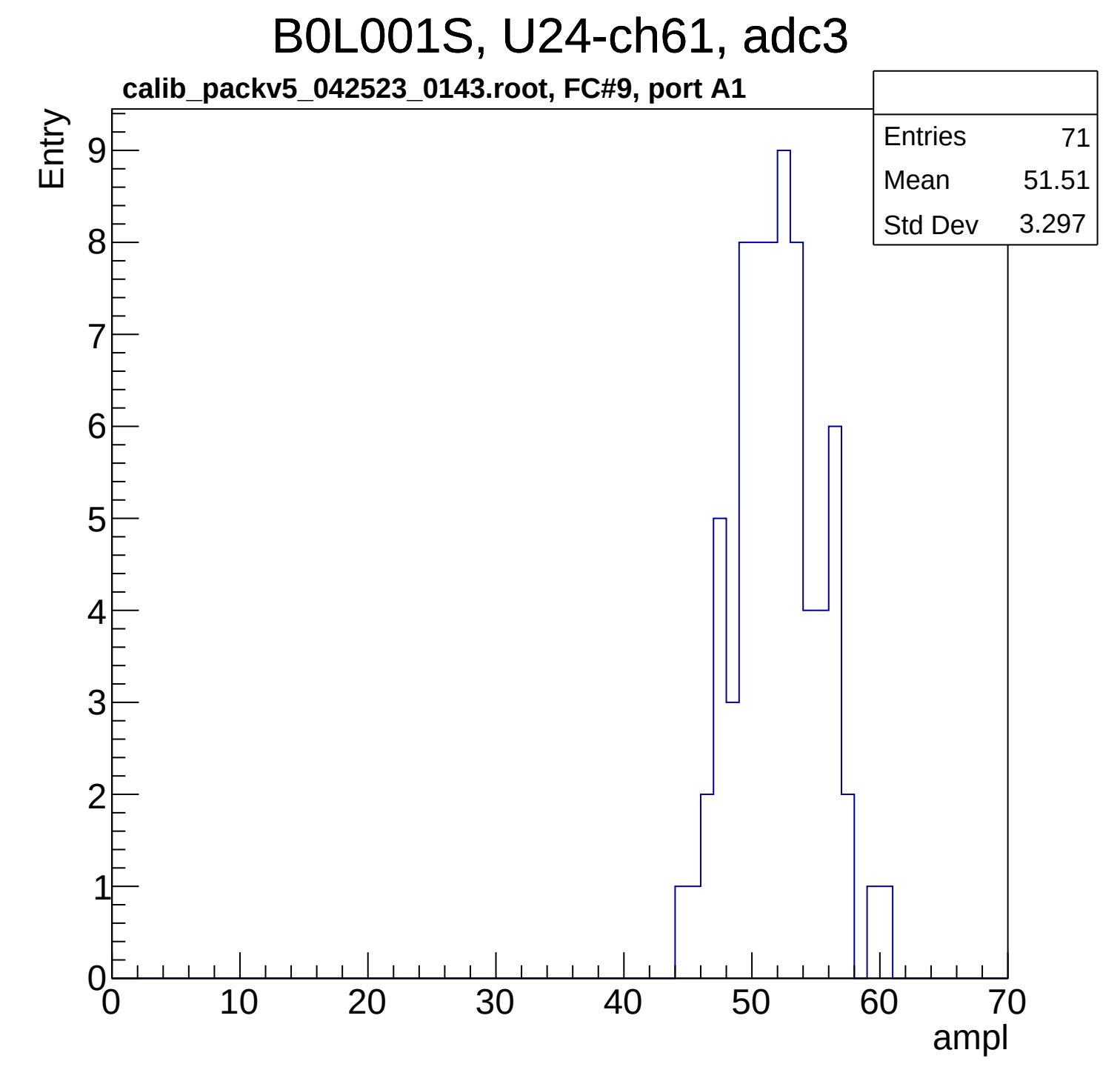
B0L001S, U24-ch61, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 51.51
Std Dev 3.297
Entry
ampl
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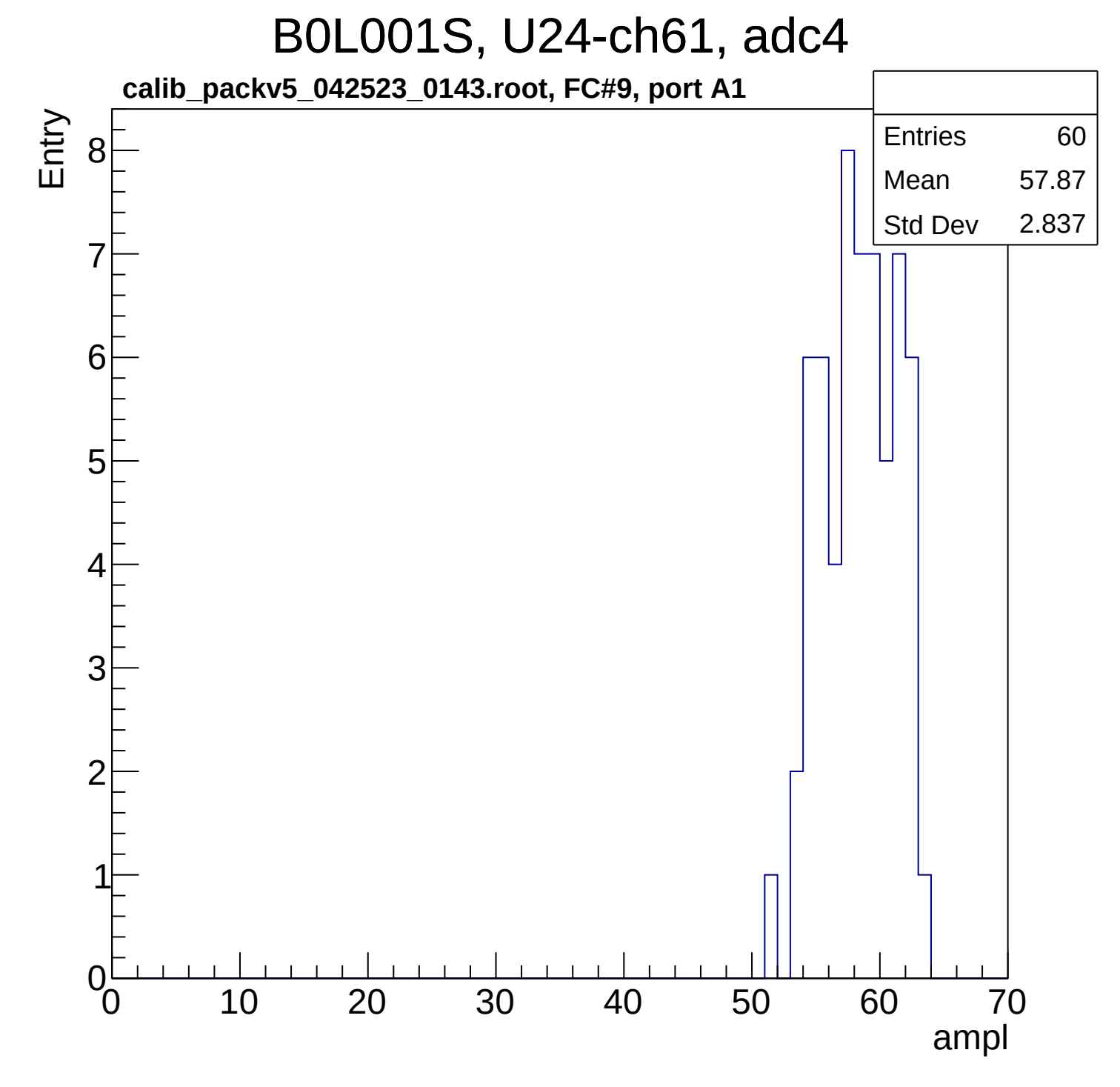
B0L001S, U24-ch61, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 57.87
Std Dev 2.837
Entry
ampl
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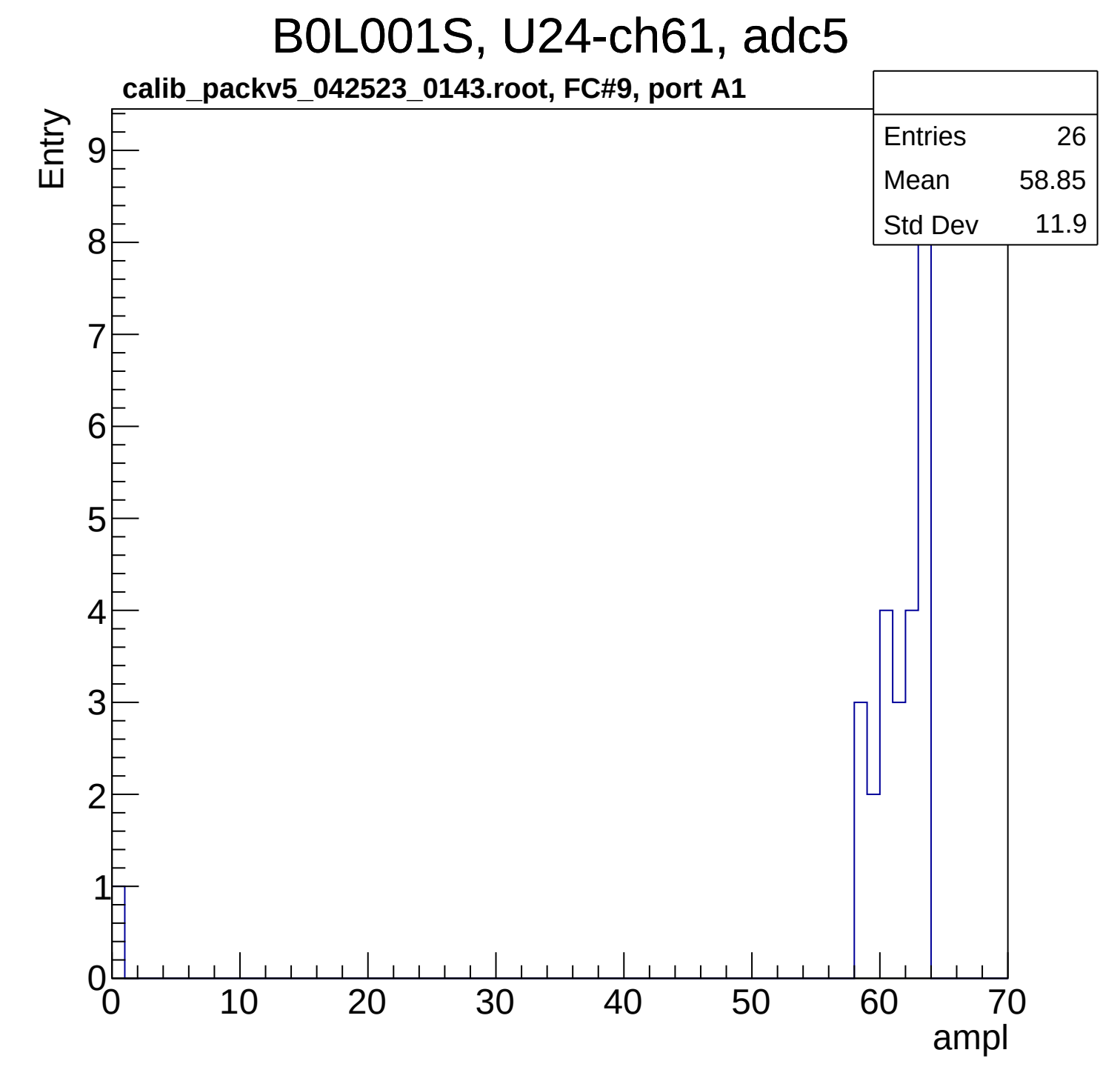
B0L001S, U24-ch61, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 58.85
Std Dev 11.9
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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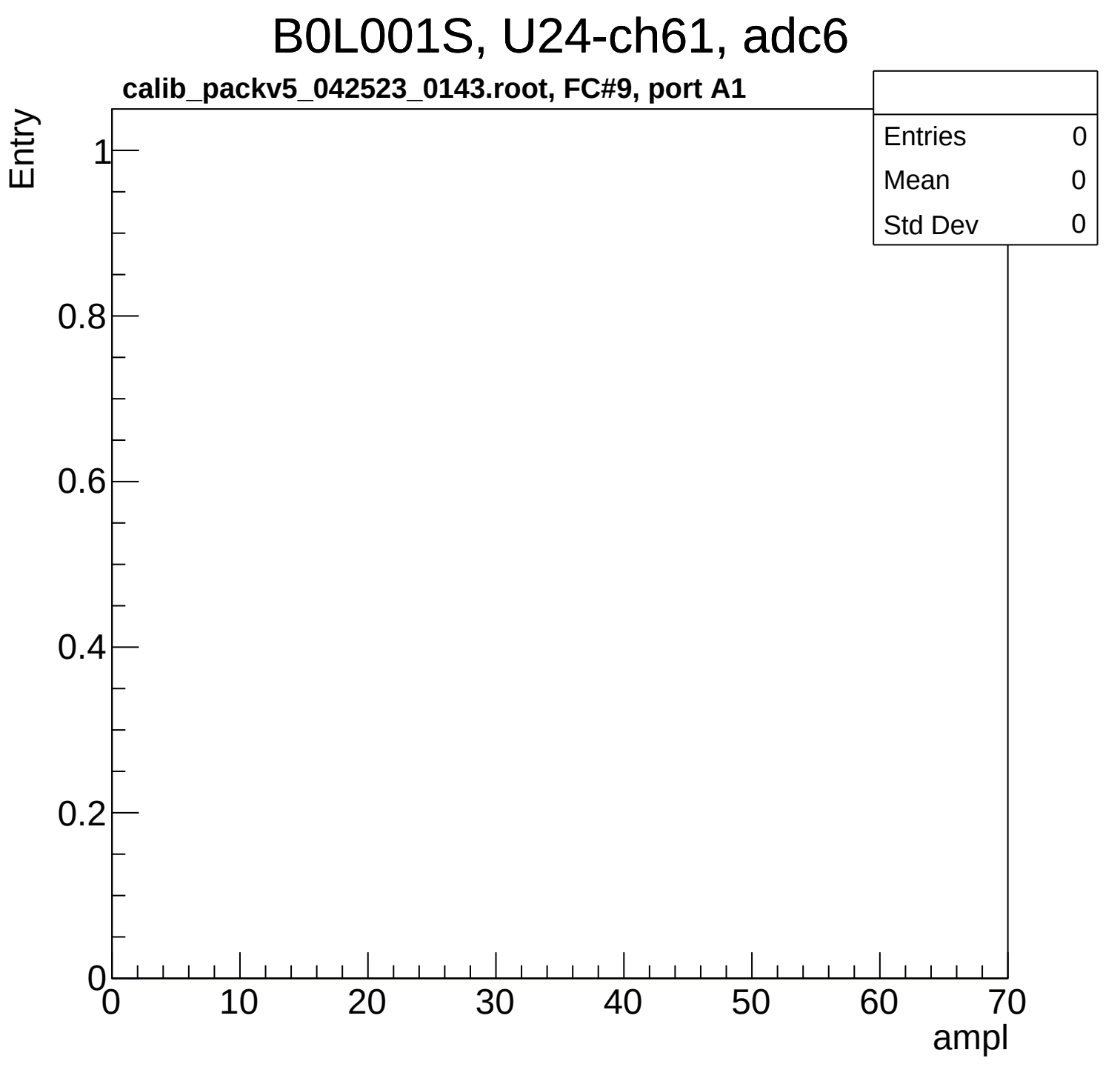
40
50
60
70


B0L001S, U24-ch61, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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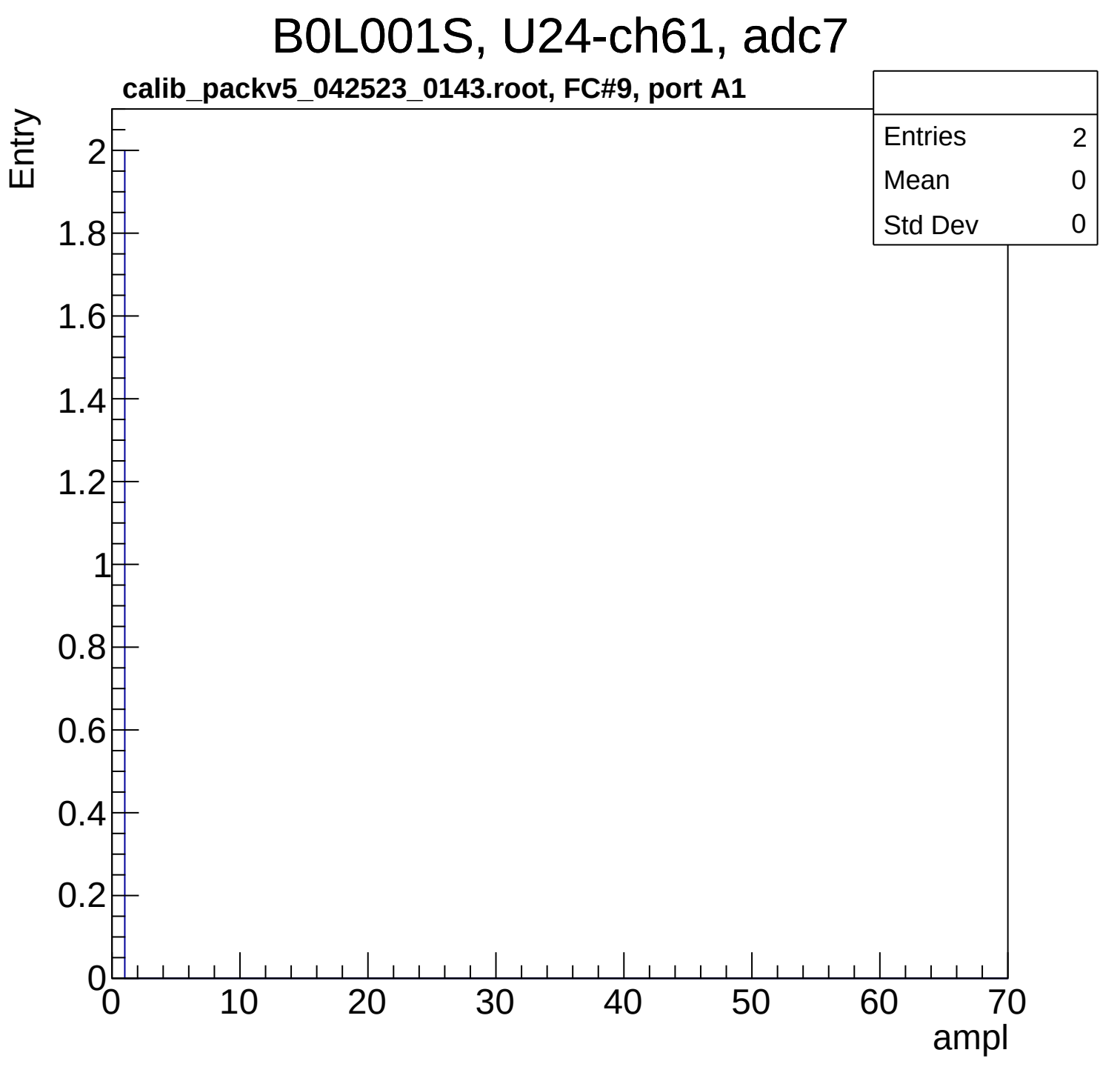
30
40
50
60
70
ampl


B0L001S, U24-ch61, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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40
50
60
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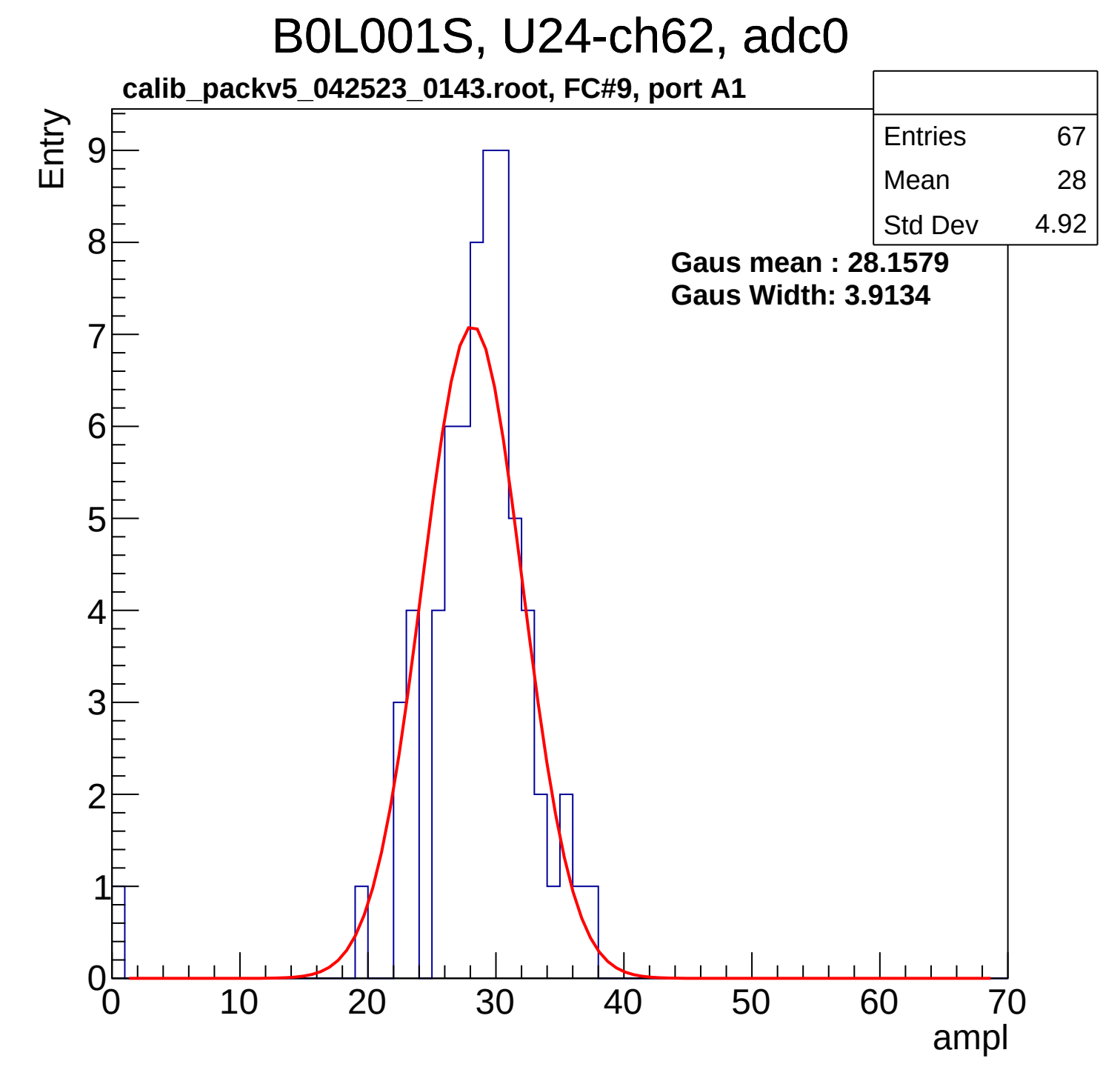
B0L001S, U24-ch62, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 28
Std Dev 4.92
Gaus mean : 28.1579
Gaus Width: 3.9134
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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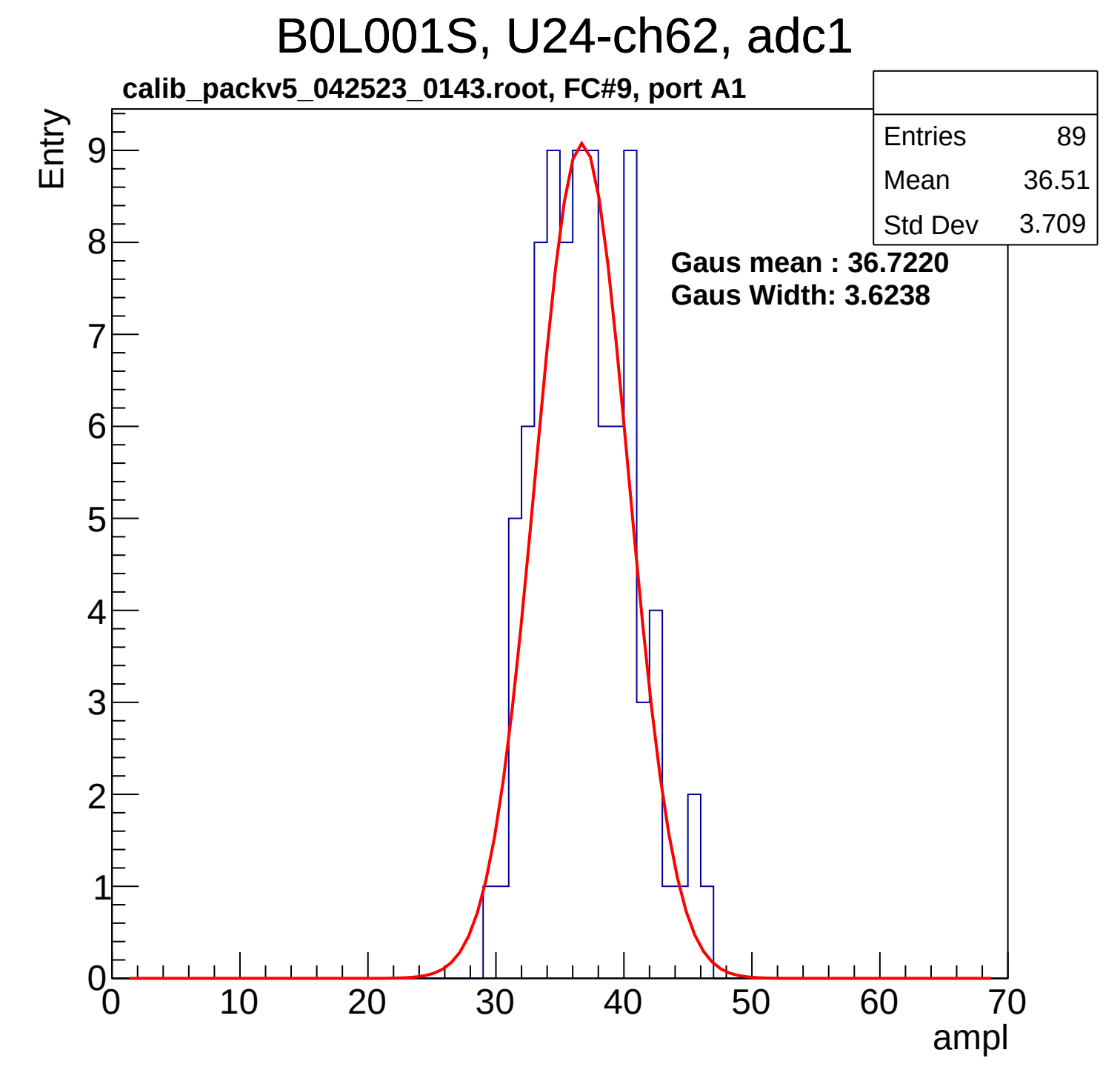
B0L001S, U24-ch62, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 36.51
Std Dev 3.709
Gaus mean : 36.7220
Gaus Width: 3.6238
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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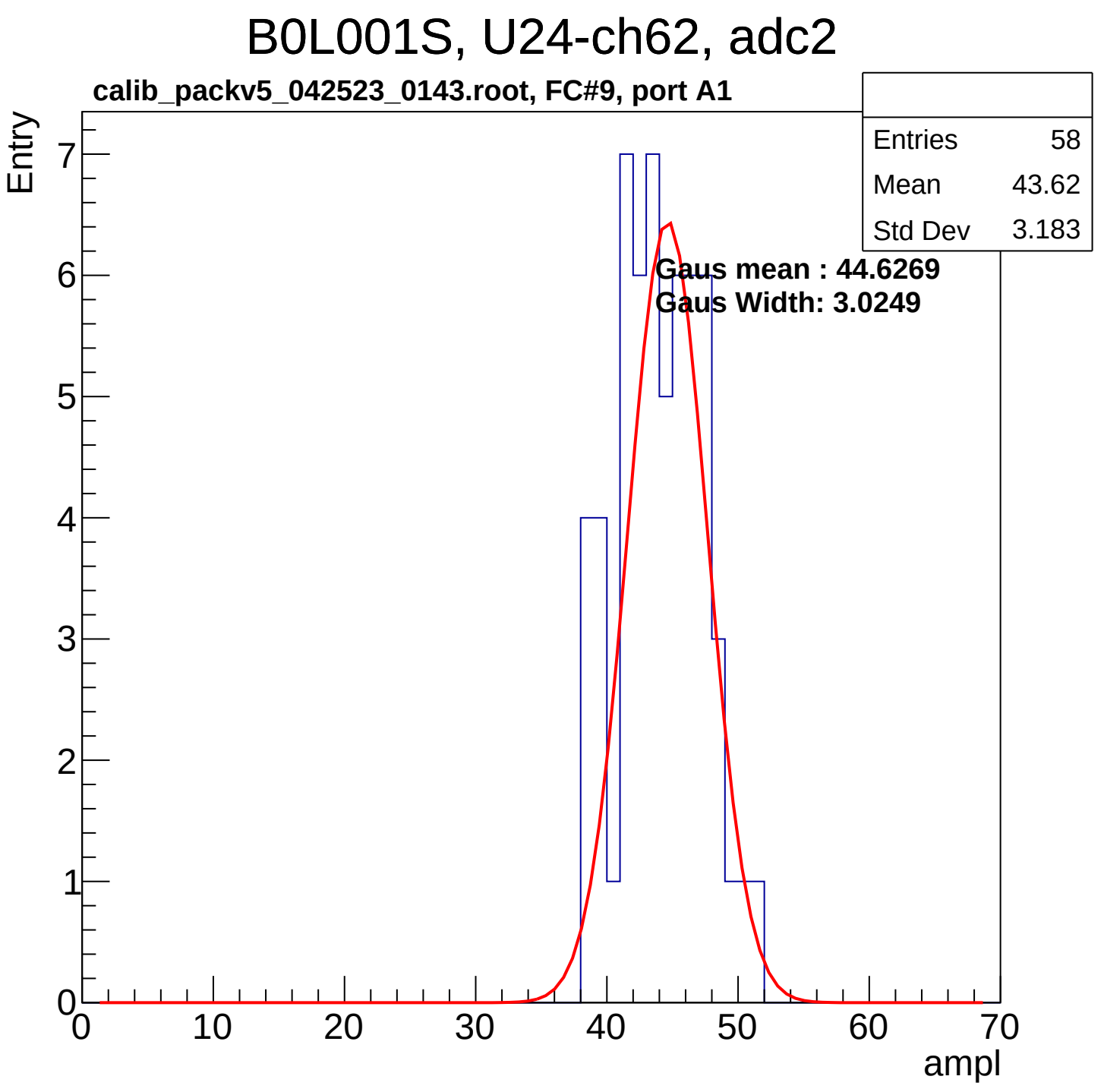
B0L001S, U24-ch62, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 43.62
Std Dev 3.183
Gaus mean : 44.6269
Gaus Width: 3.0249
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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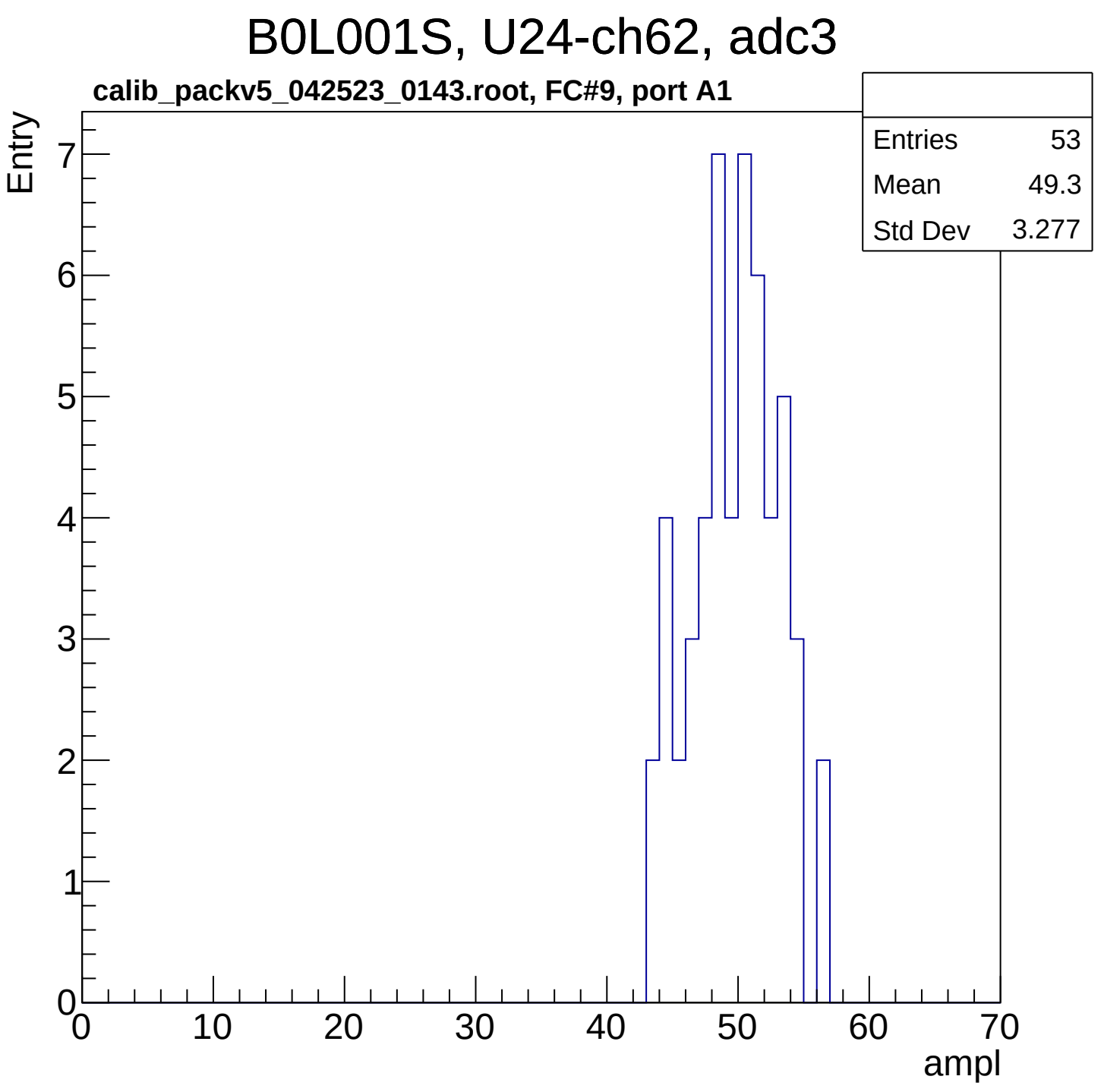
B0L001S, U24-ch62, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 49.3
Std Dev 3.277
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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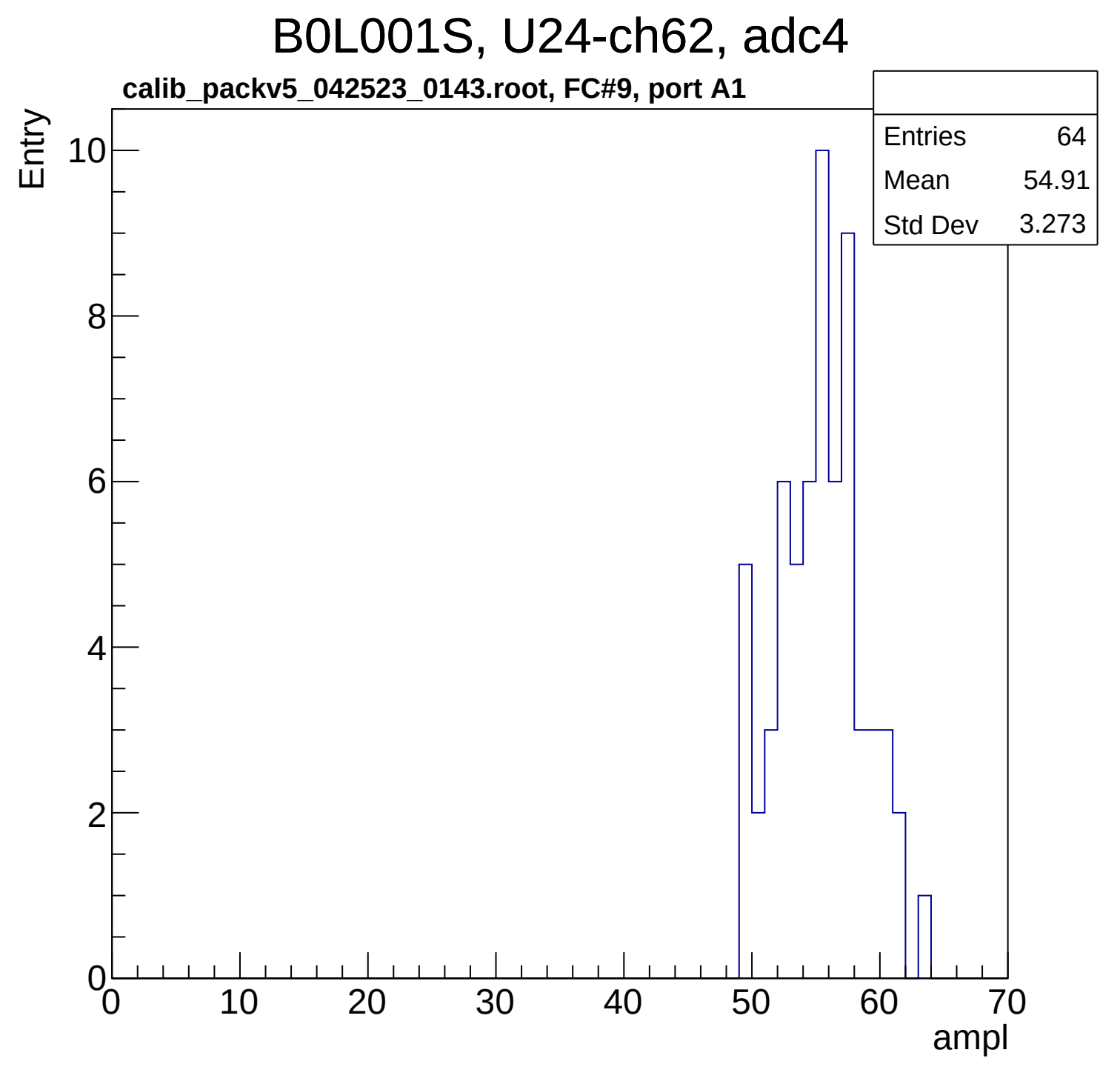
B0L001S, U24-ch62, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 54.91
Std Dev 3.273
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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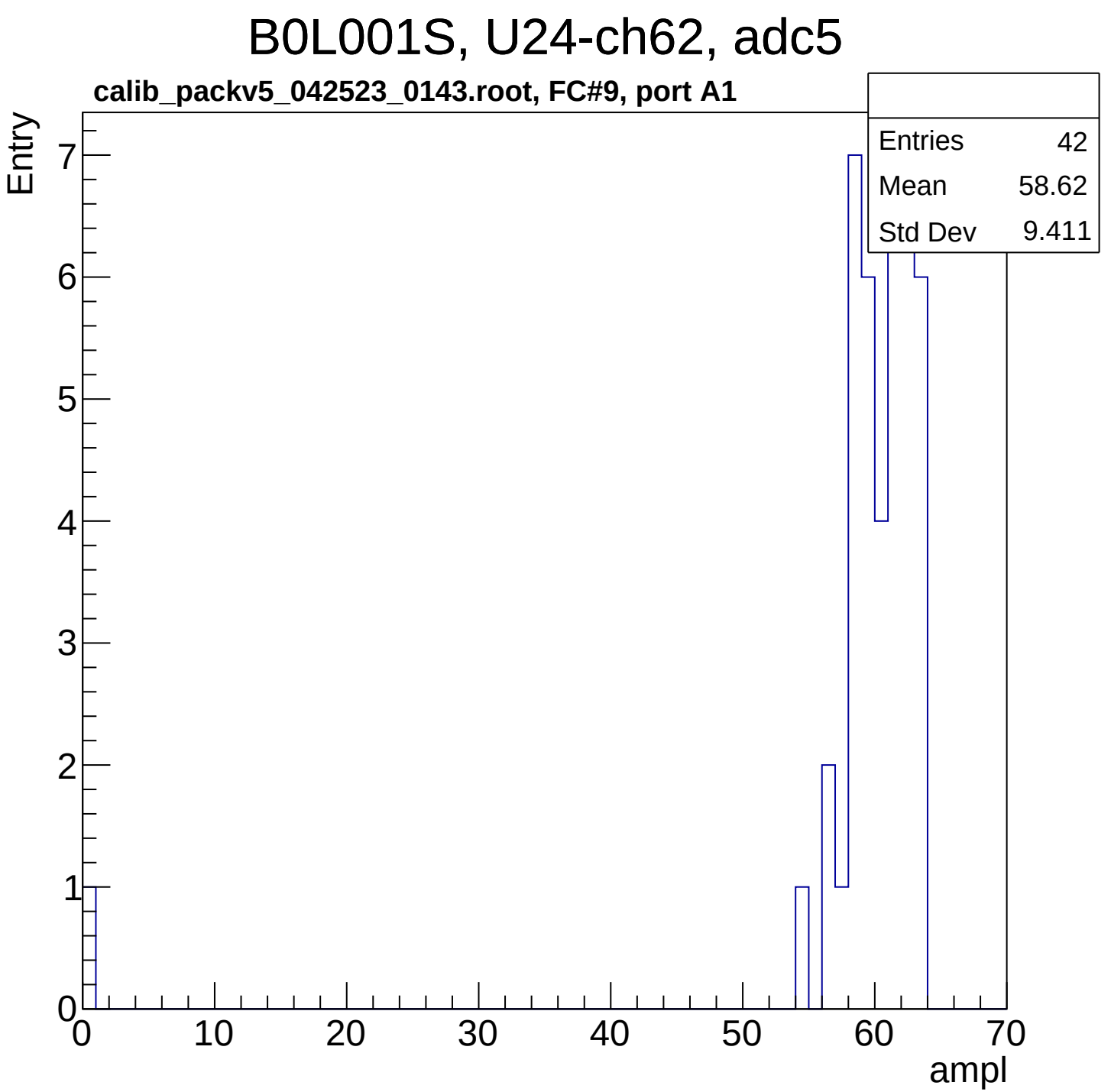
B0L001S, U24-ch62, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.62
Std Dev 9.411
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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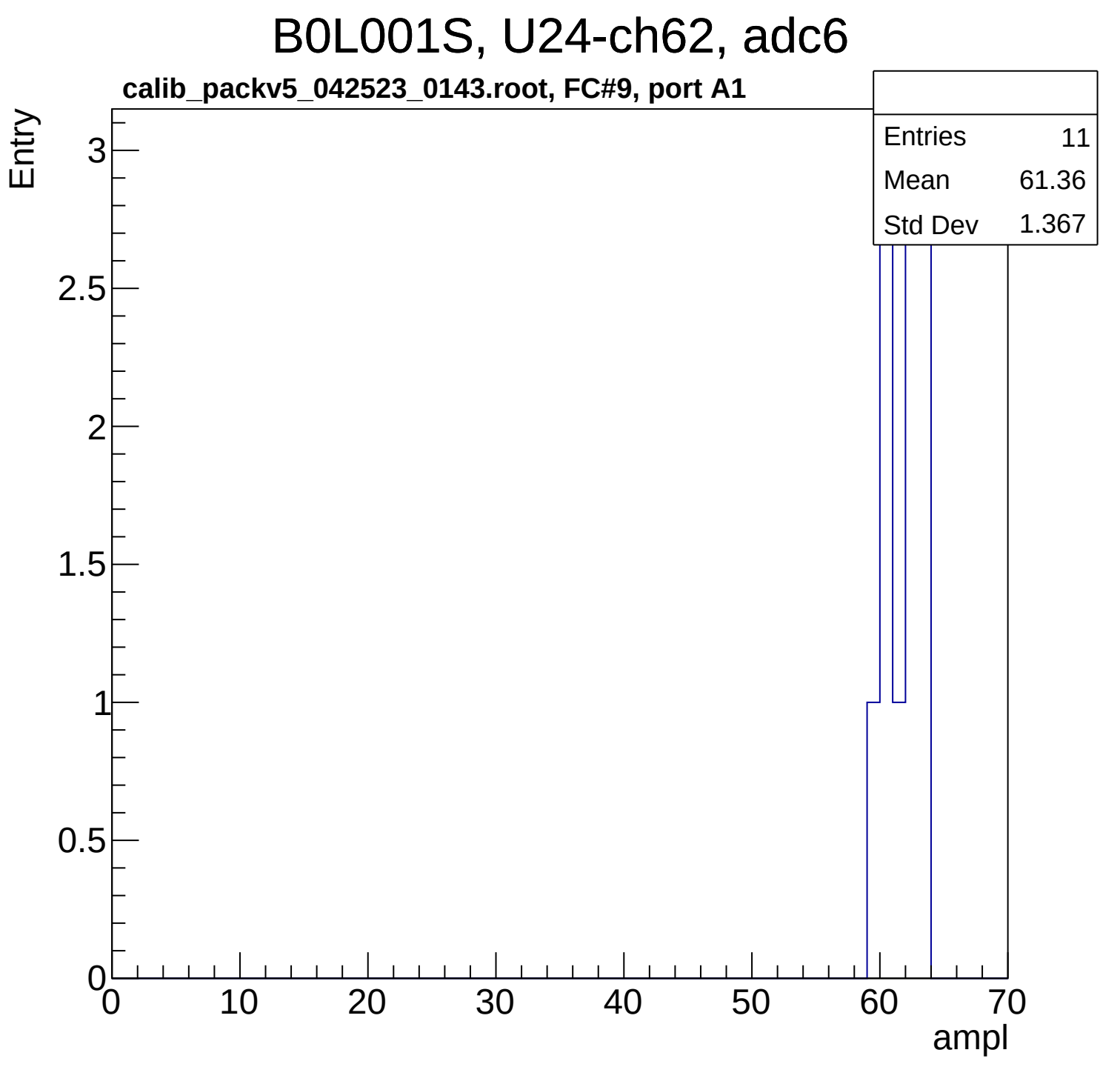
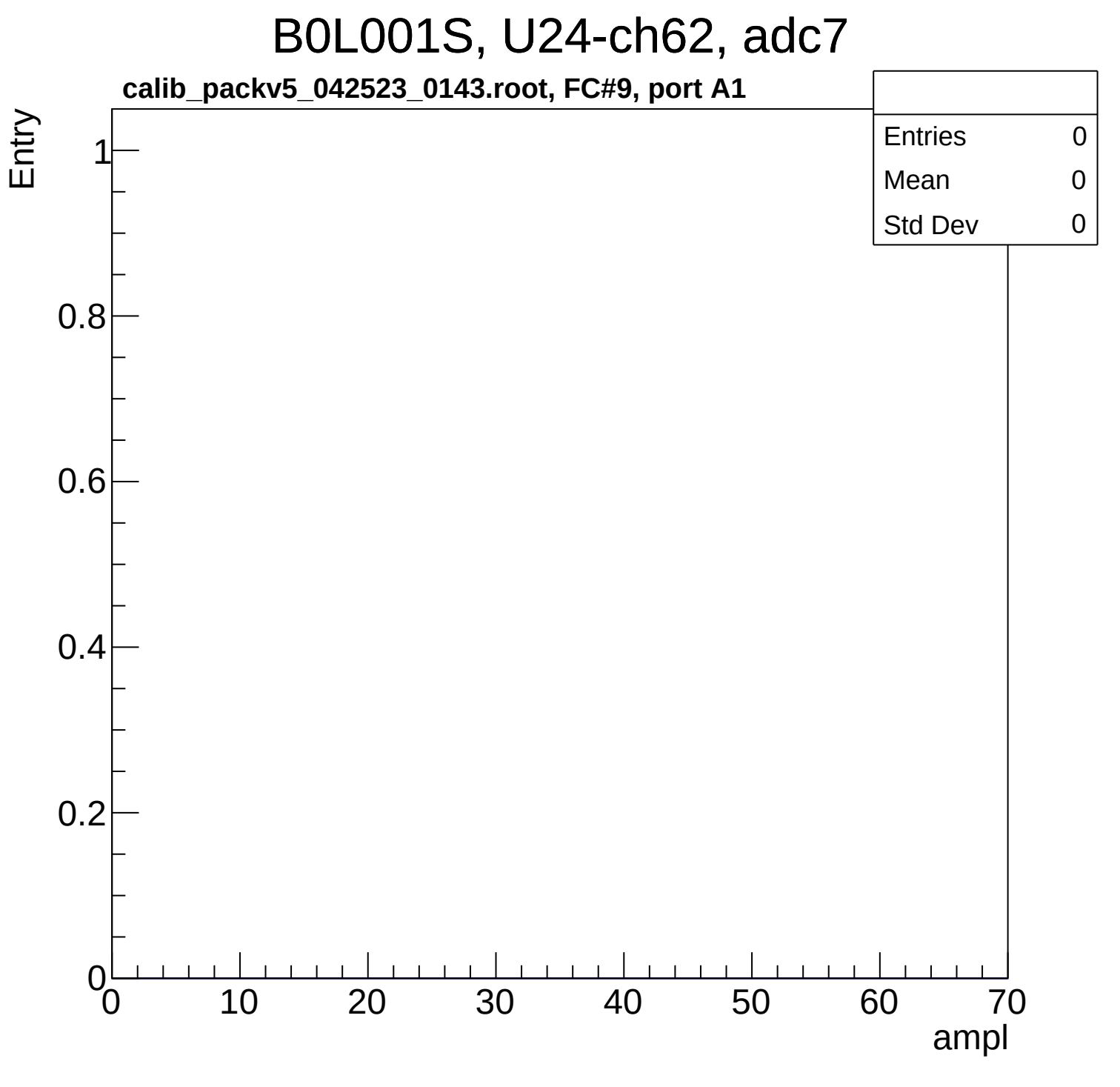
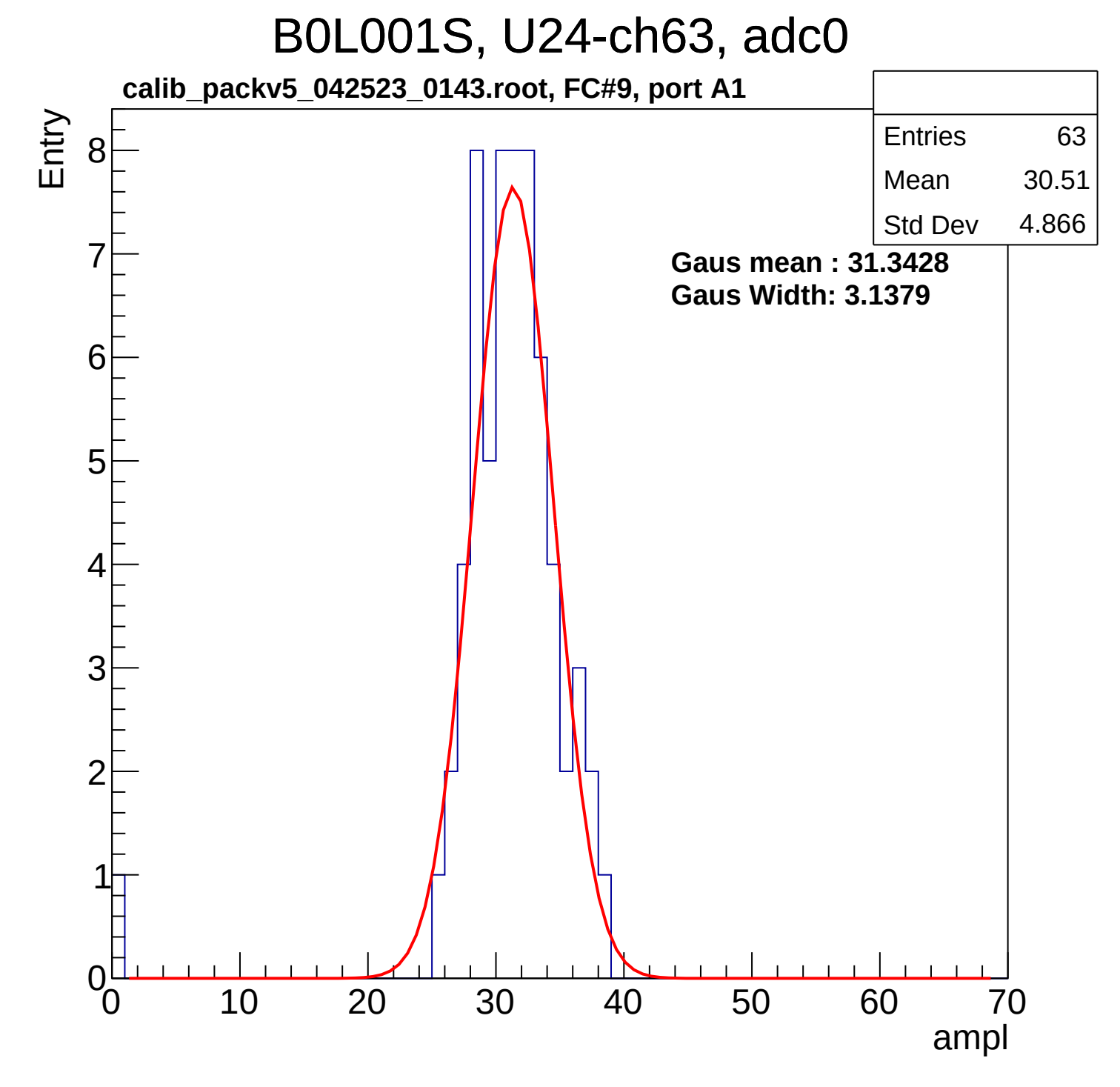
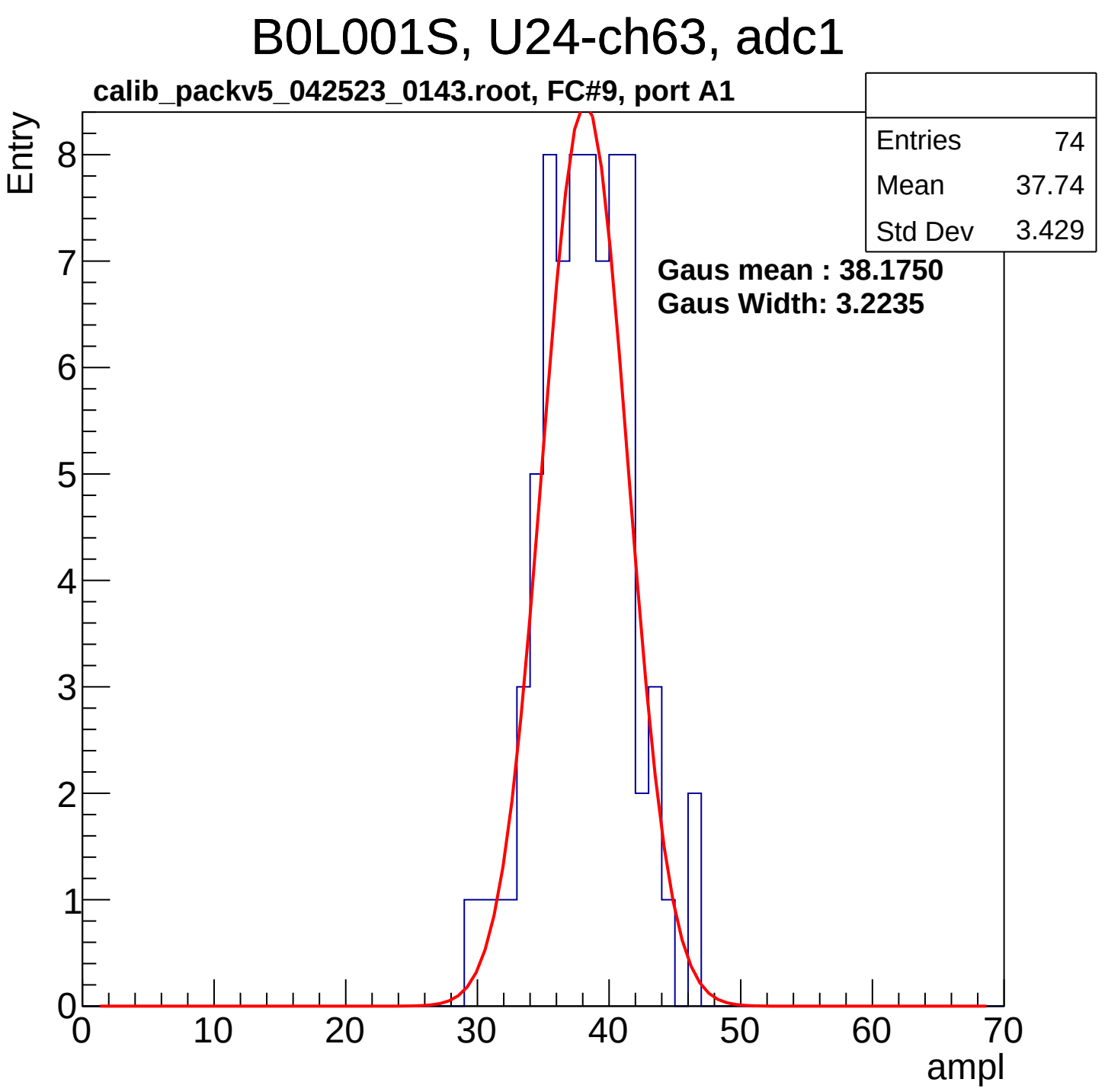
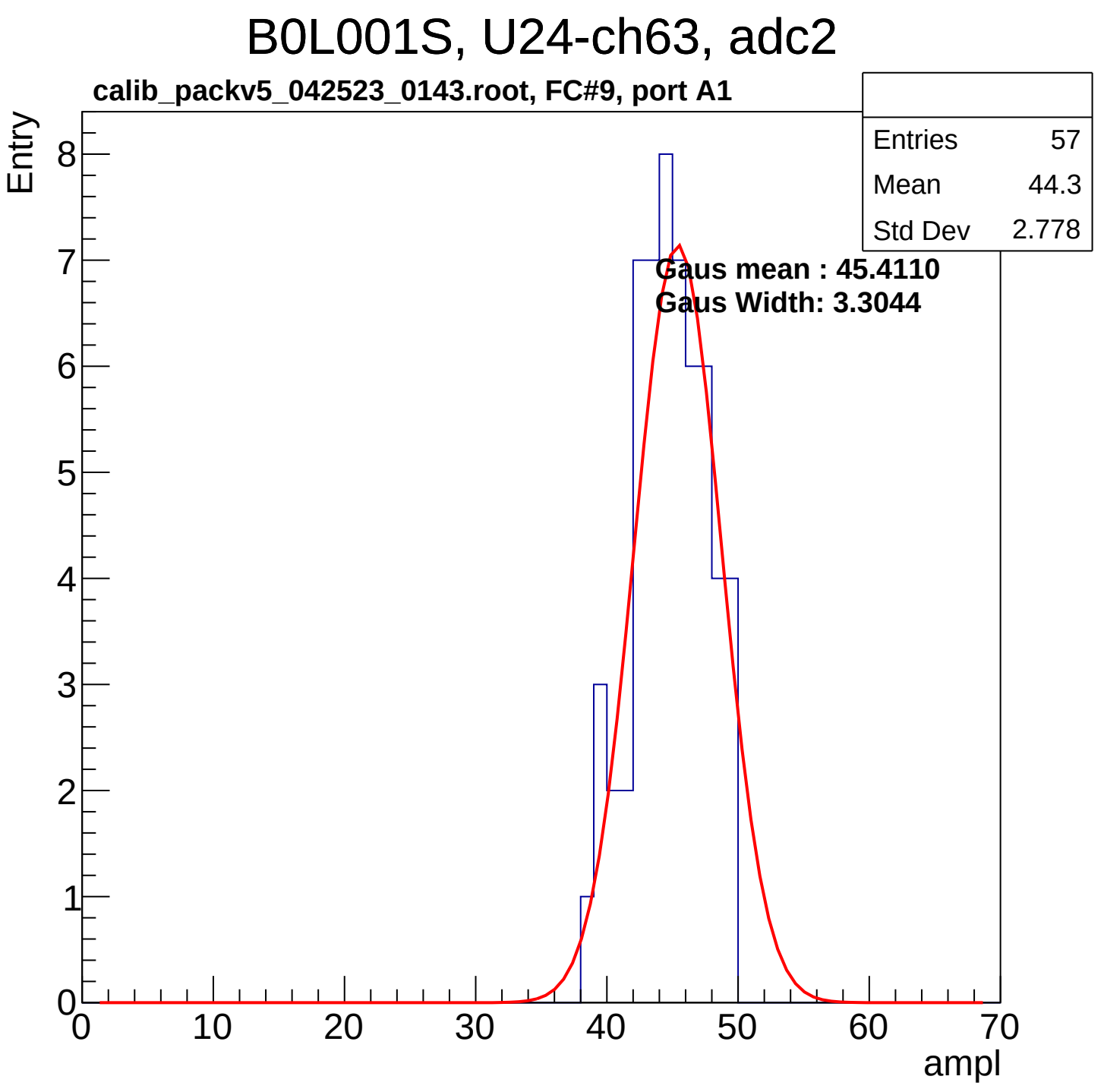

B0L001S, U24-ch62, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 11
Mean 61.36
Std Dev 1.367
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch62, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch63, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 30.51
Std Dev 4.866
Gaus mean : 31.3428
Gaus Width: 3.1379
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch63, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 37.74
Std Dev 3.429
Gaus mean : 38.1750
Gaus Width: 3.2235
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch63, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 44.3
Std Dev 2.778
Gaus mean : 45.4110
Gaus Width: 3.3044
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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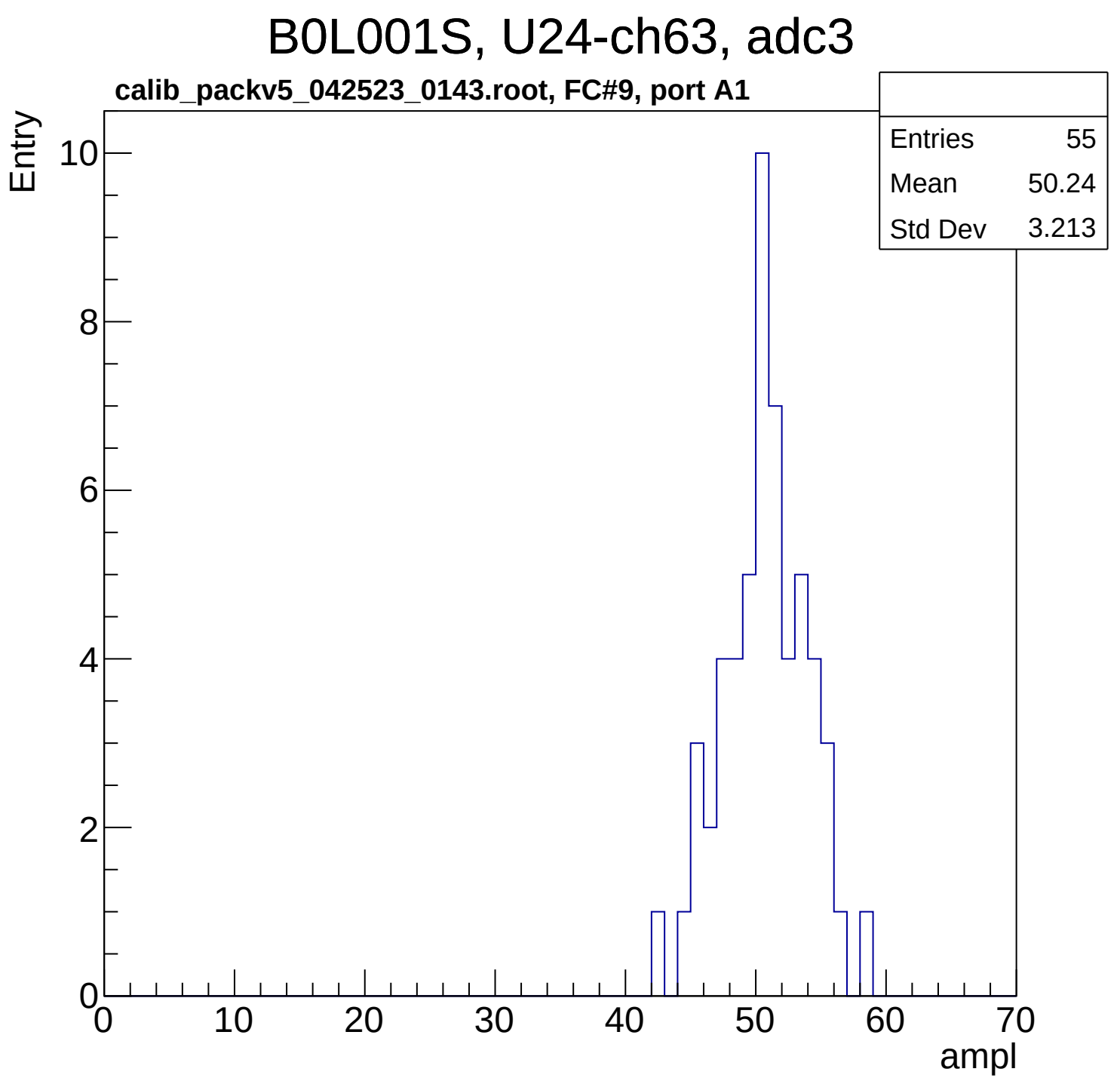
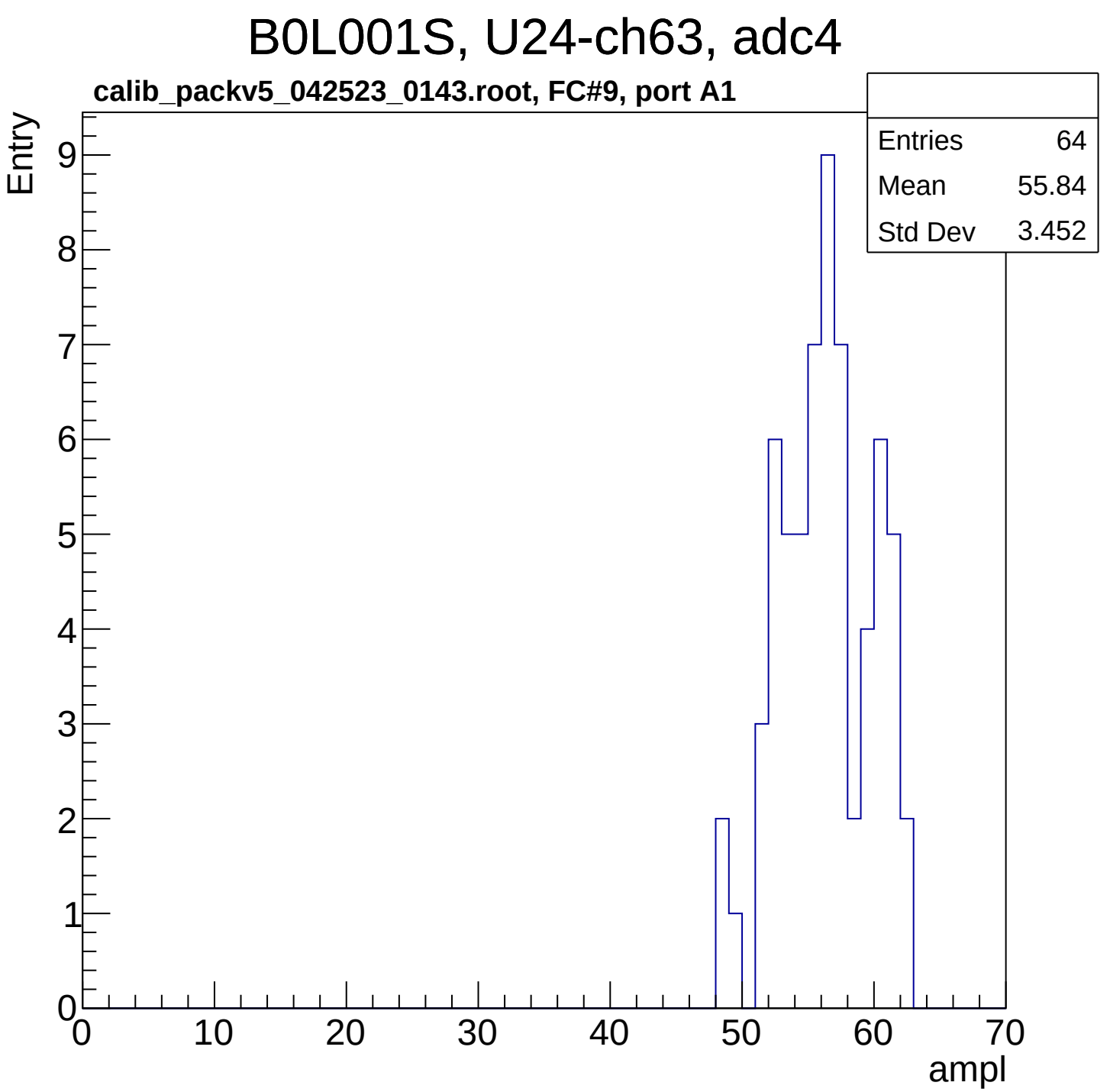
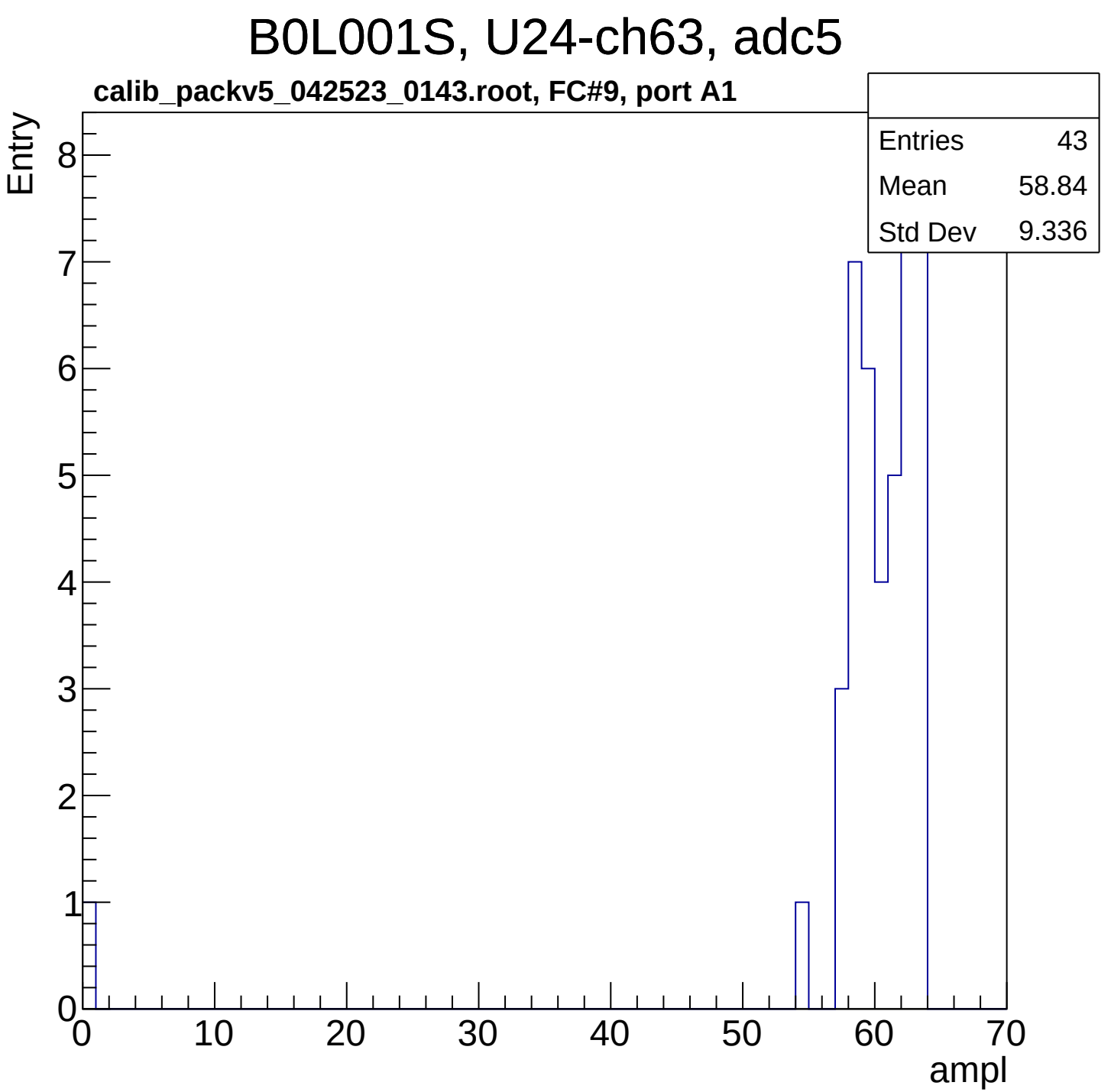

B0L001S, U24-ch63, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 50.24
Std Dev 3.213
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch63, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 55.84
Std Dev 3.452
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch63, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 58.84
Std Dev 9.336
Entry
ampl
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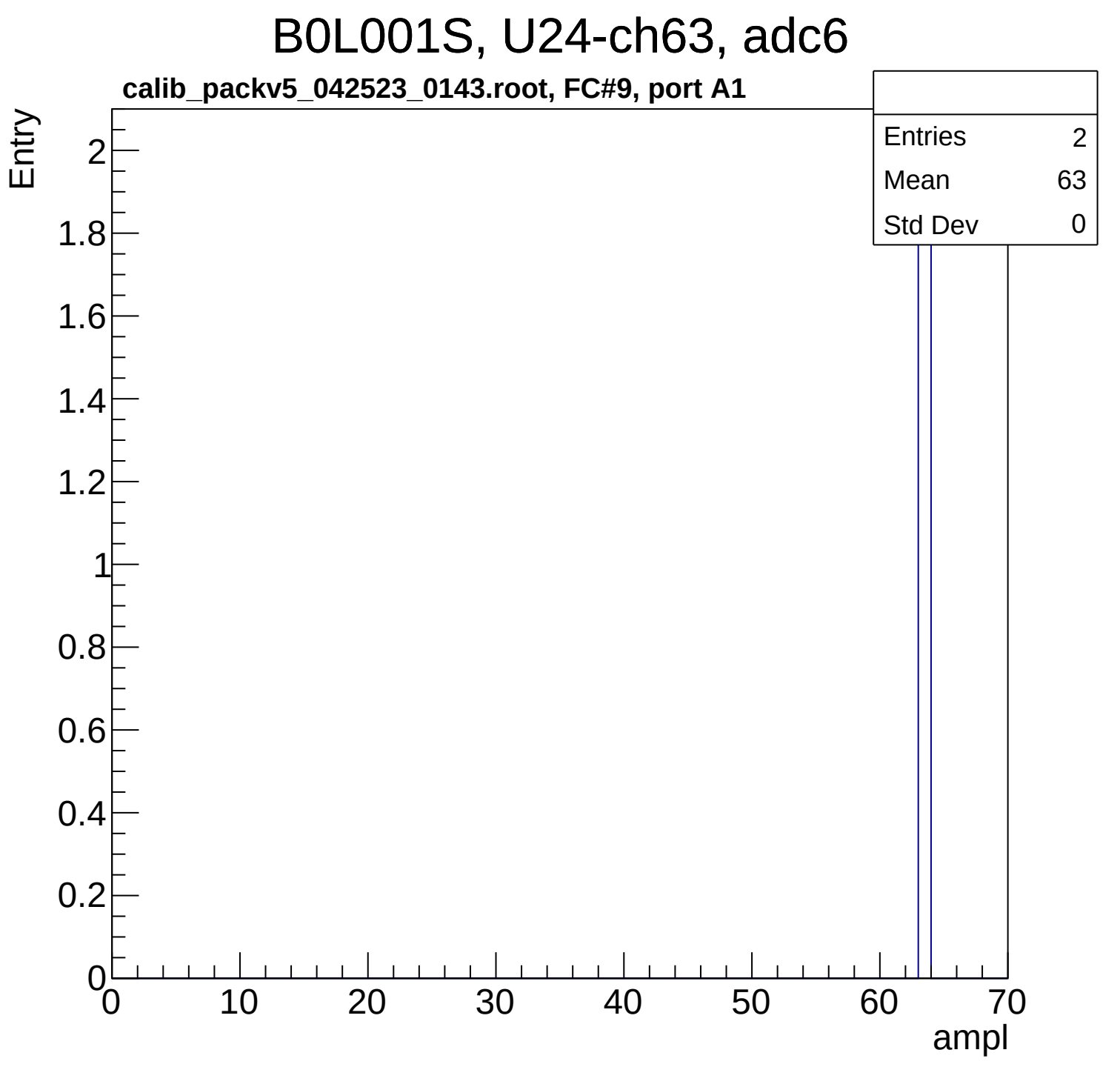
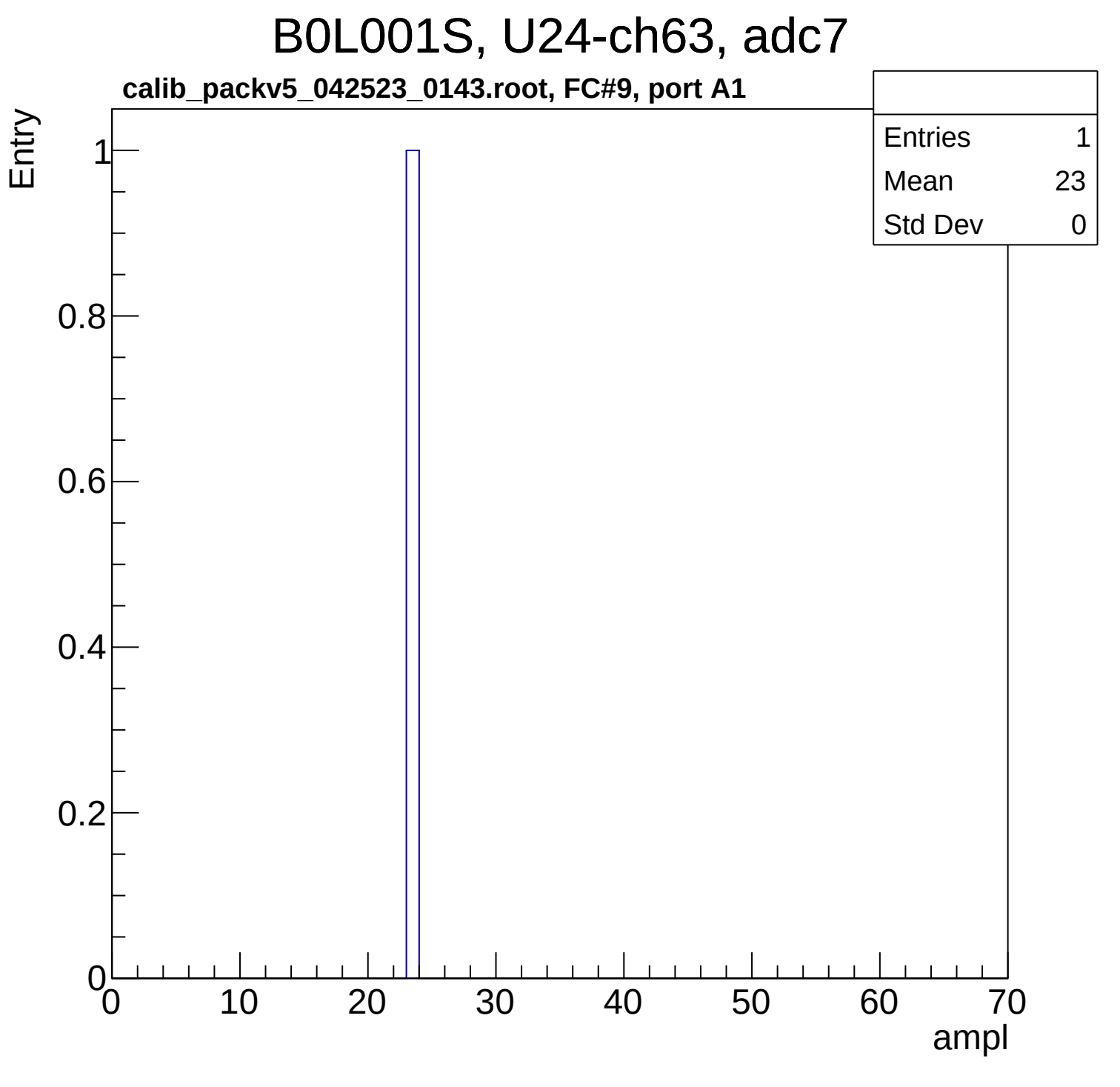
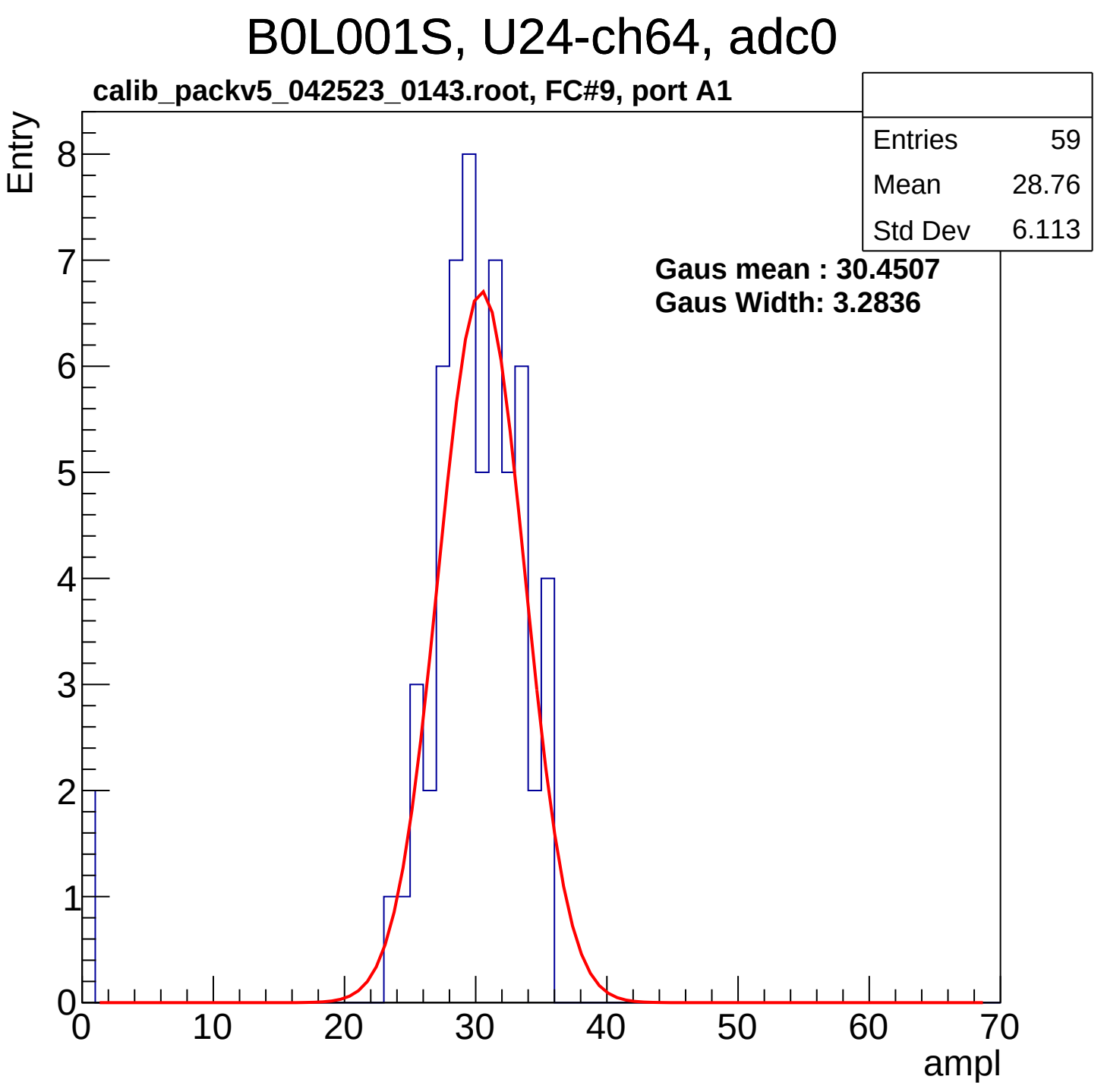
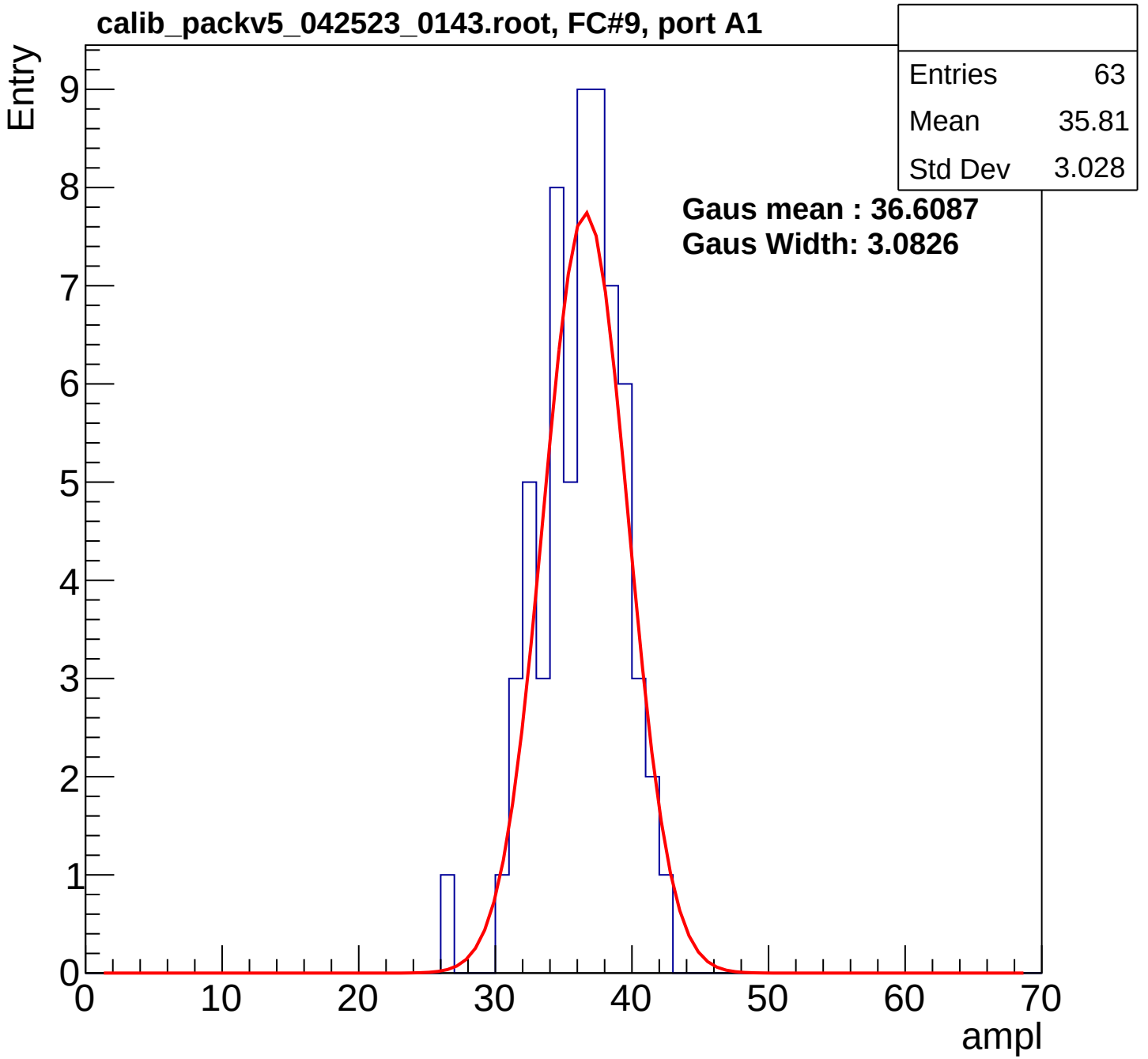
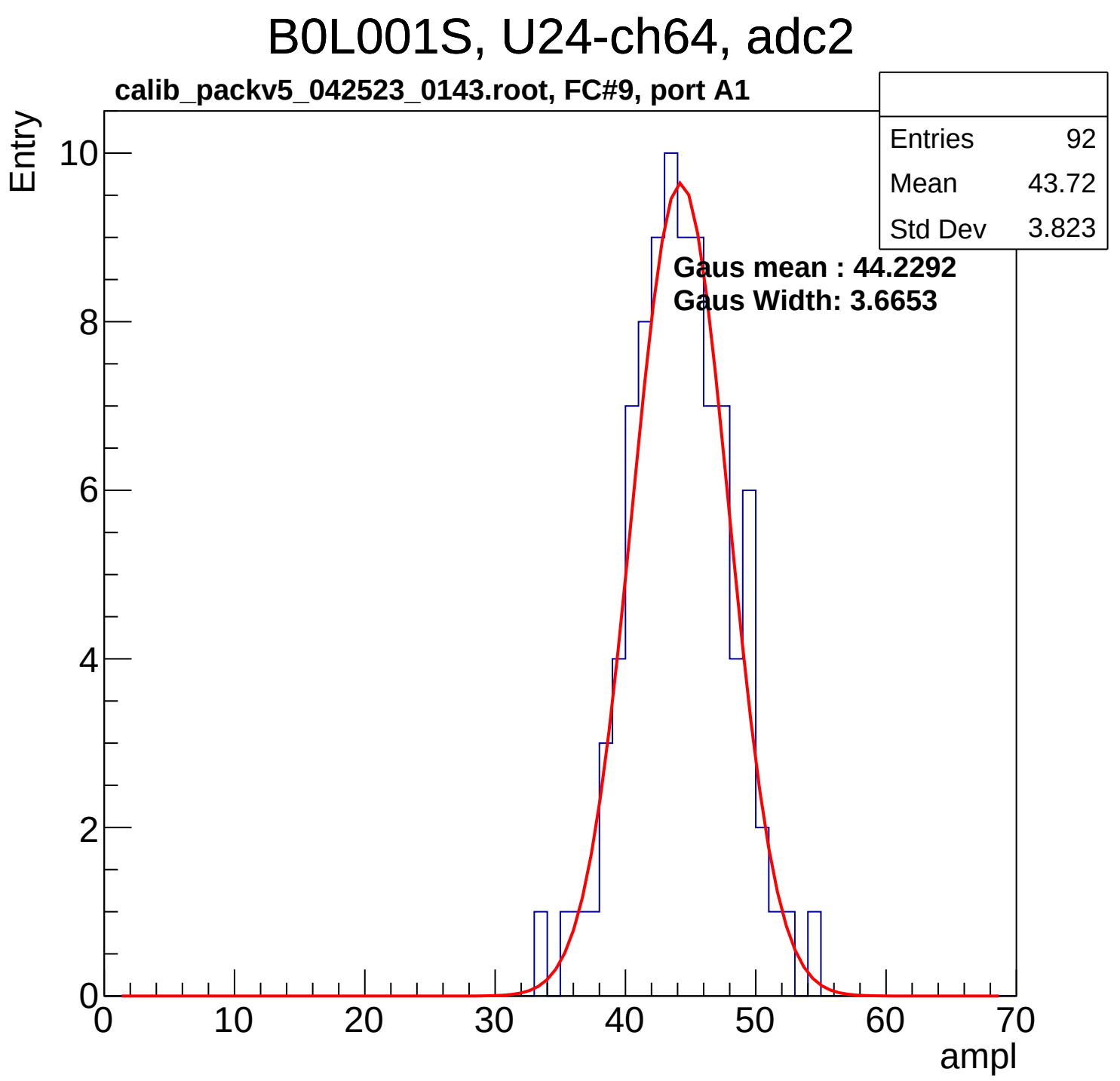
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

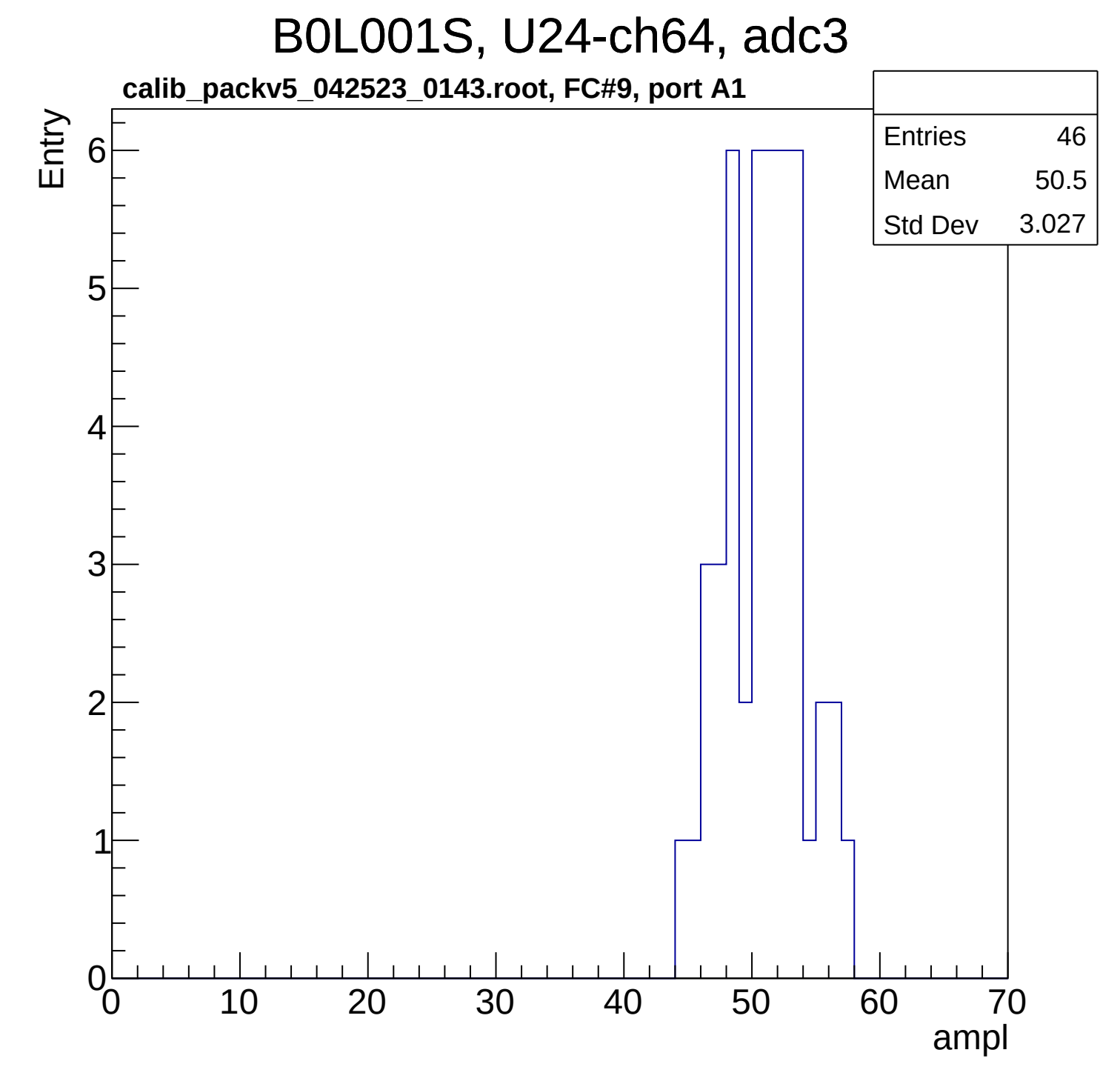

B0L001S, U24-ch63, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch63, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch64, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 28.76
Std Dev 6.113
Gaus mean : 30.4507
Gaus Width: 3.2836
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch64, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 35.81
Std Dev 3.028
Gaus mean : 36.6087
Gaus Width: 3.0826
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch64, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 92
Mean 43.72
Std Dev 3.823
Gaus mean : 44.2292
Gaus Width: 3.6653
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch64, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 50.5
Std Dev 3.027
Entry
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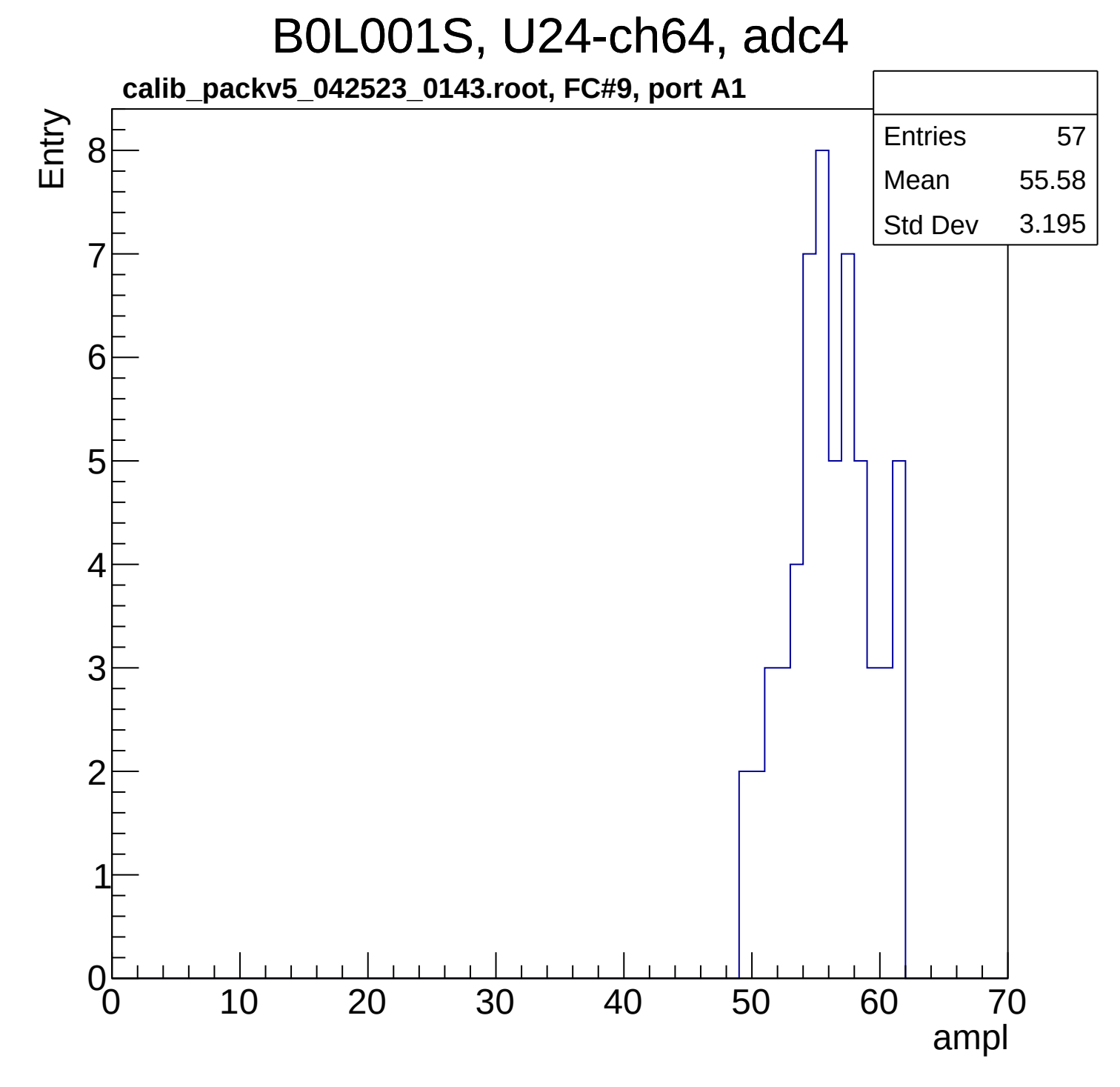
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch64, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 55.58
Std Dev 3.195
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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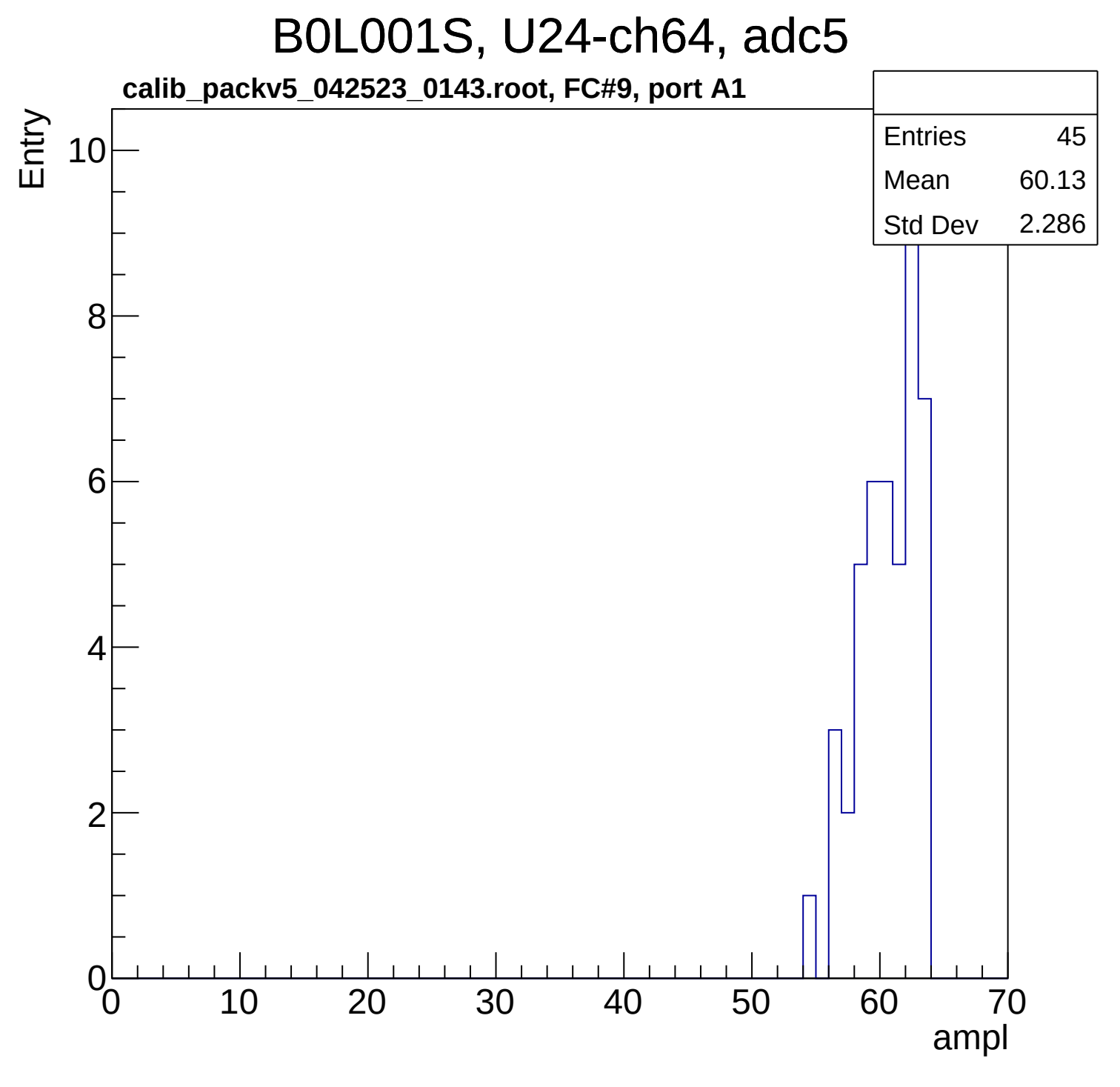
40
50
60
70


B0L001S, U24-ch64, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 60.13
Std Dev 2.286
Entry
ampl
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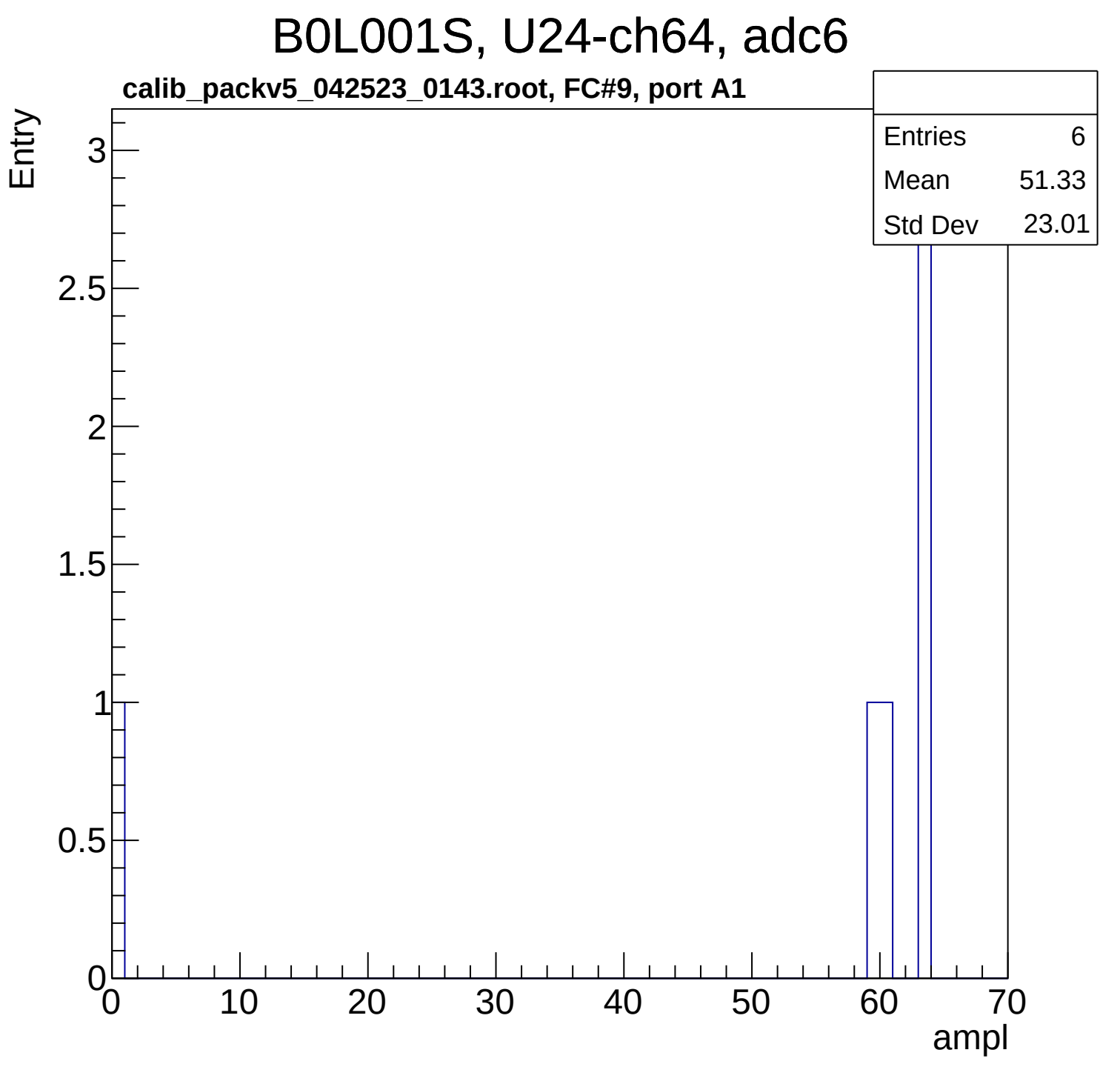
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch64, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 51.33
Std Dev 23.01
Entry
ampl
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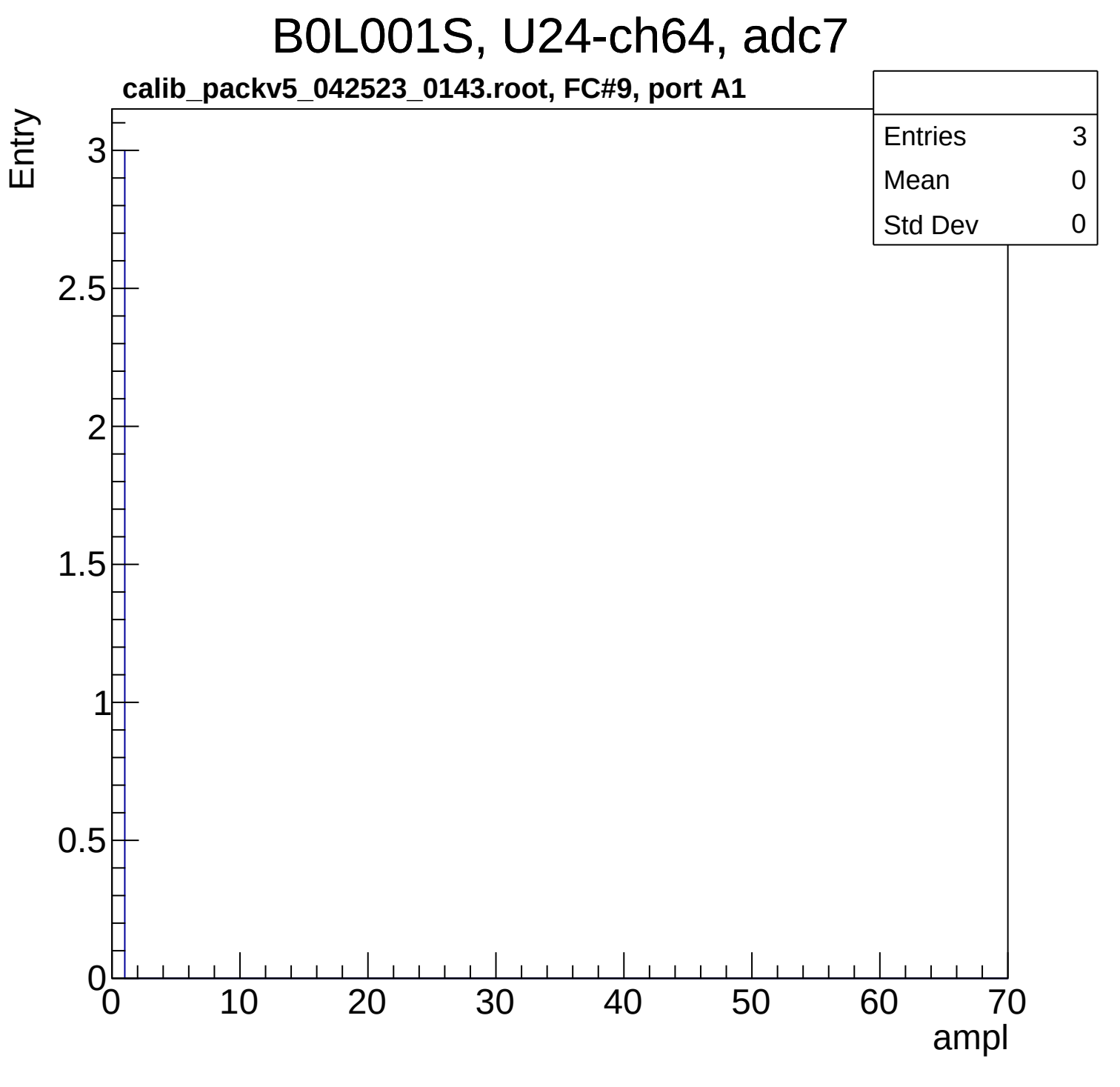
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch64, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
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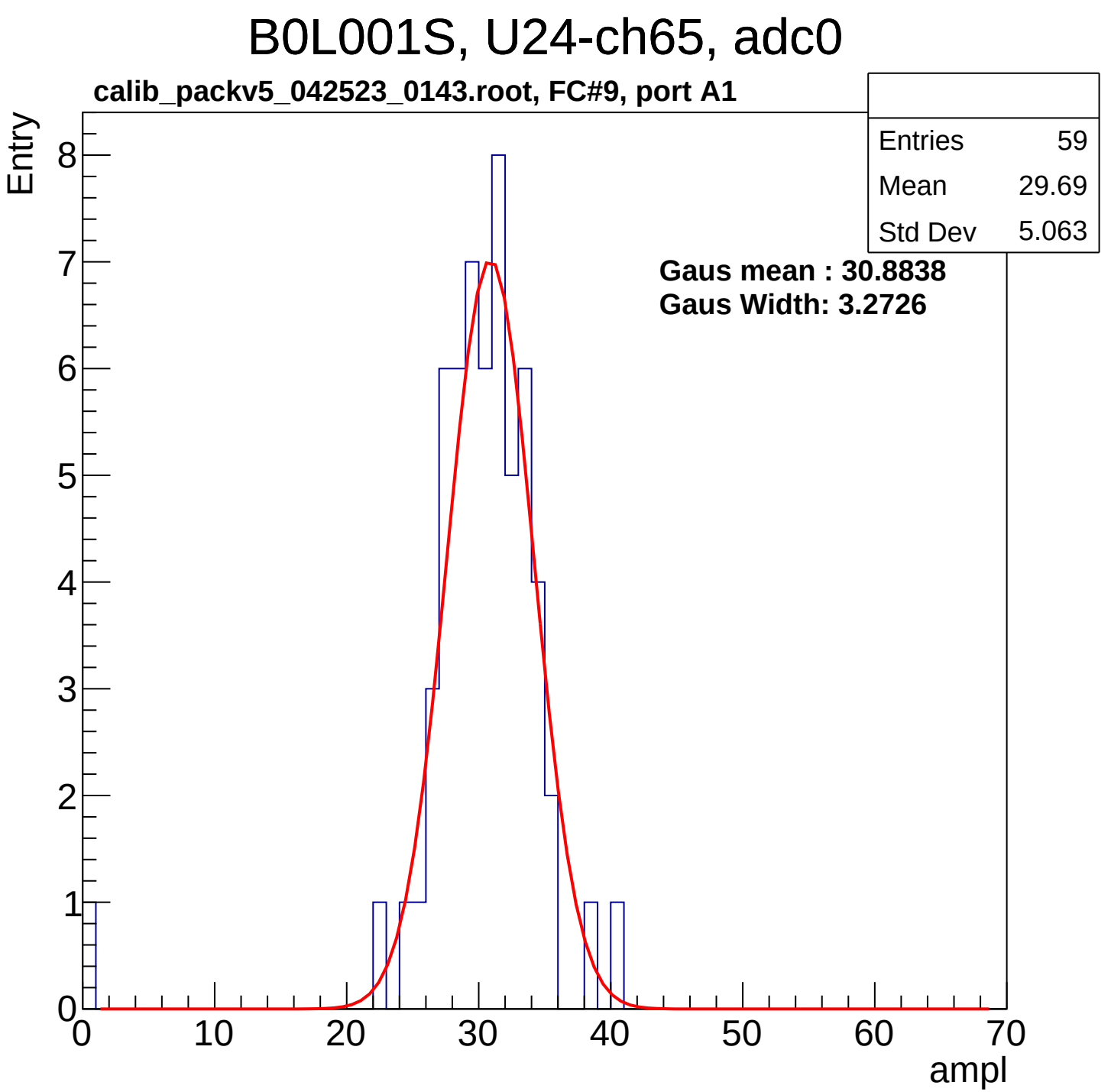
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch65, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 29.69
Std Dev 5.063
Gaus mean : 30.8838
Gaus Width: 3.2726
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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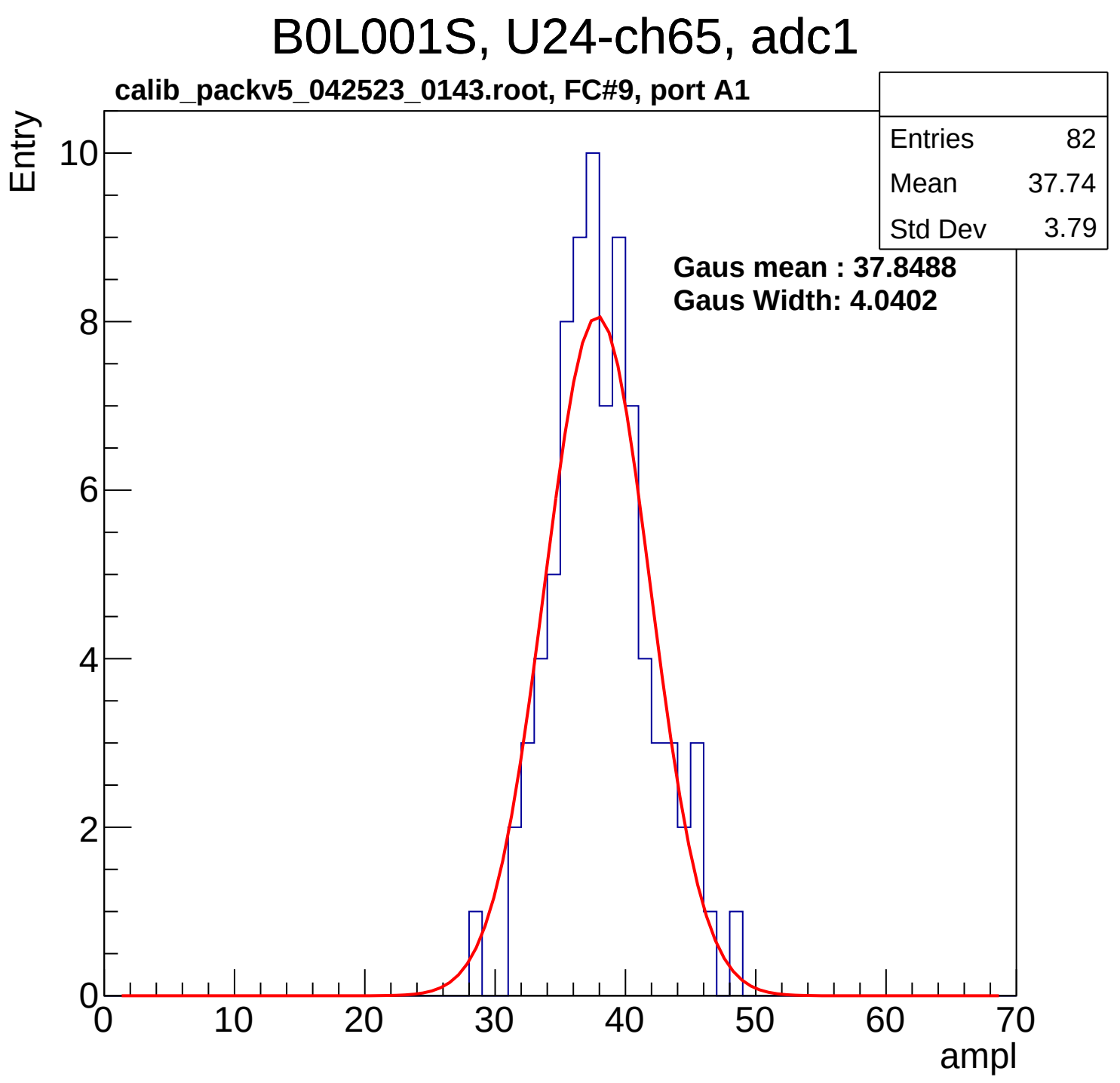
B0L001S, U24-ch65, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 37.74
Std Dev 3.79
Gaus mean : 37.8488
Gaus Width: 4.0402
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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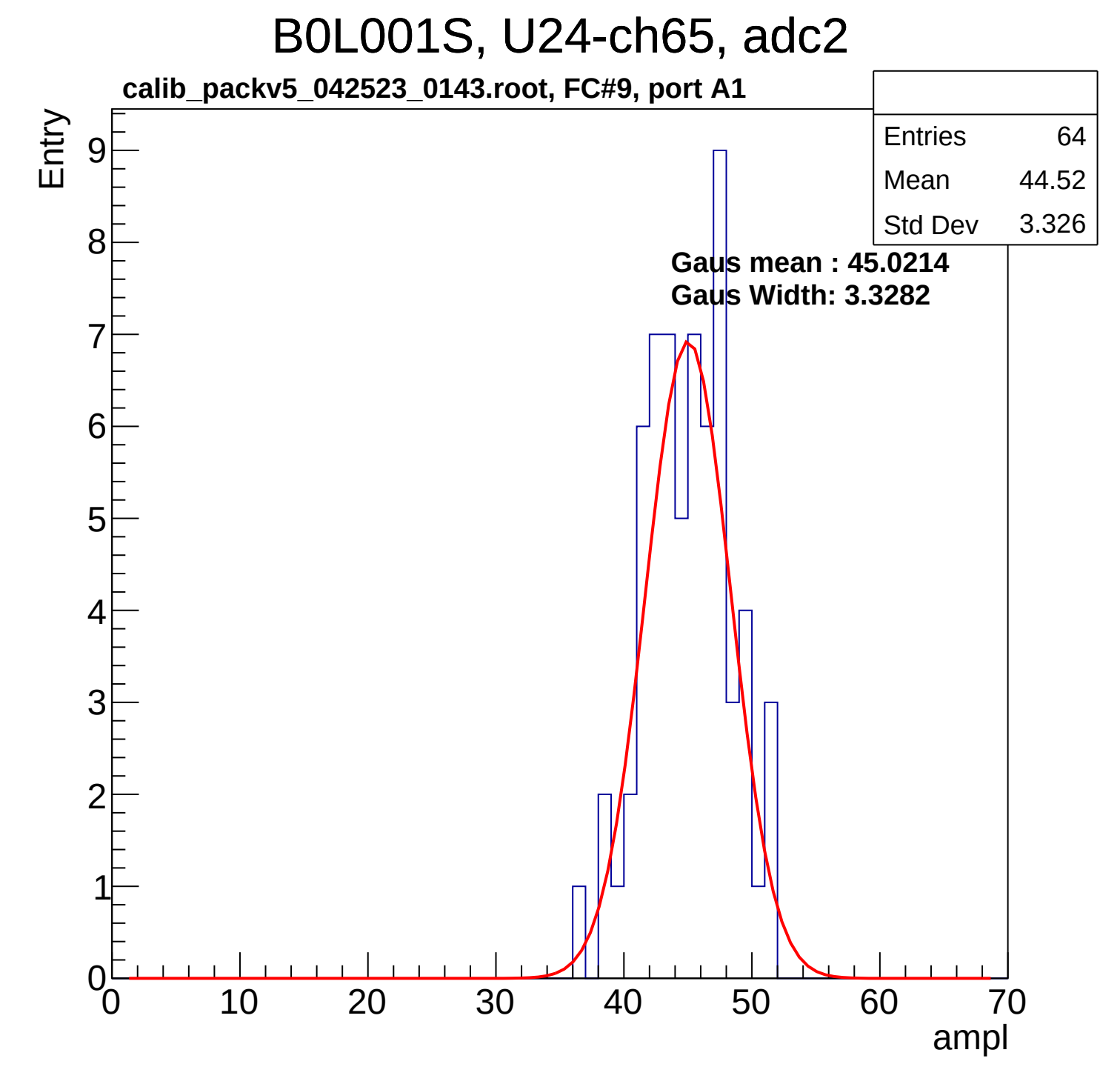
B0L001S, U24-ch65, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 44.52
Std Dev 3.326
Gaus mean : 45.0214
Gaus Width: 3.3282
Entry
ampl
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3
4
5
6
7
8
9
0
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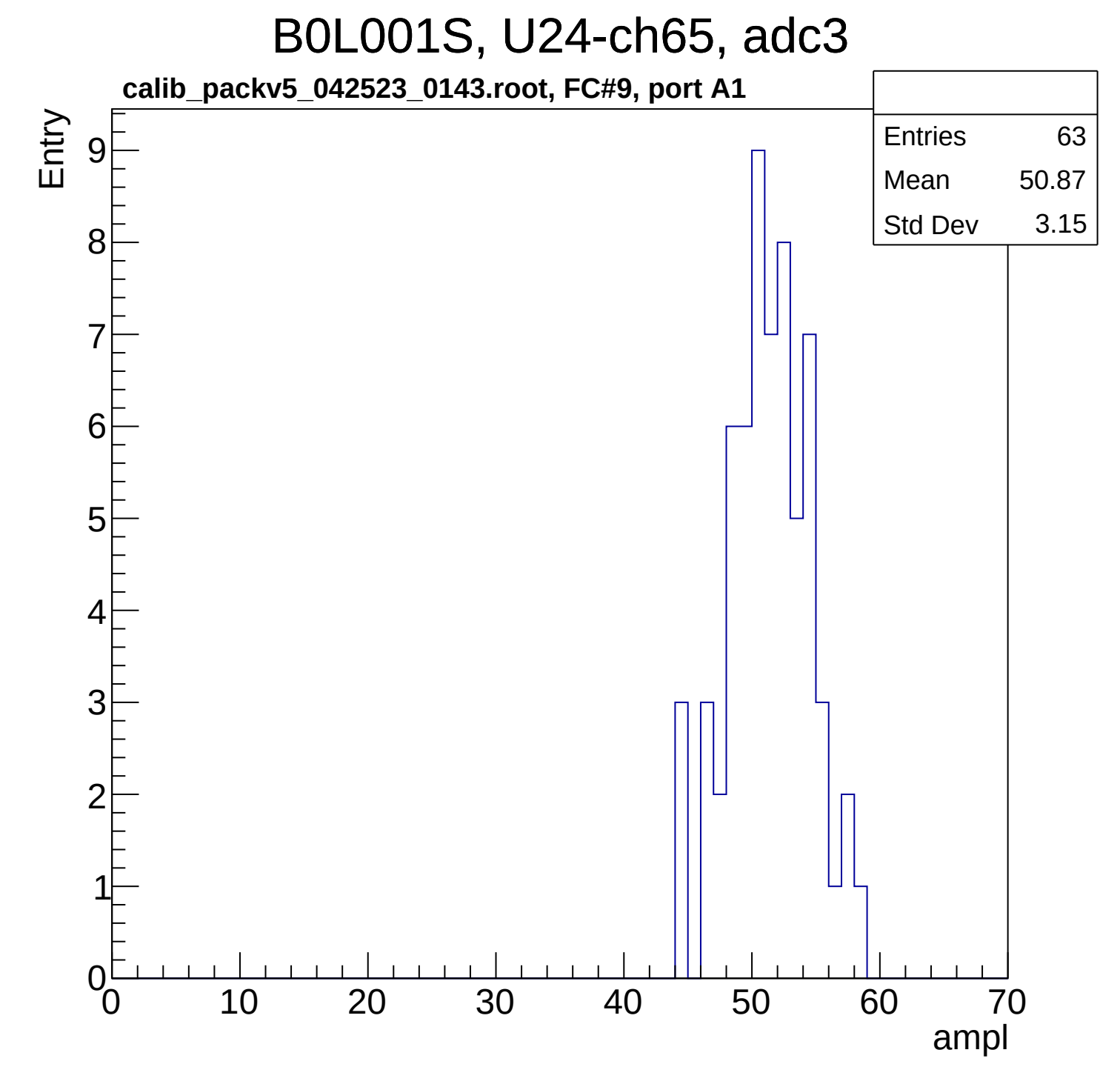
B0L001S, U24-ch65, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 50.87
Std Dev 3.15
Entry
ampl
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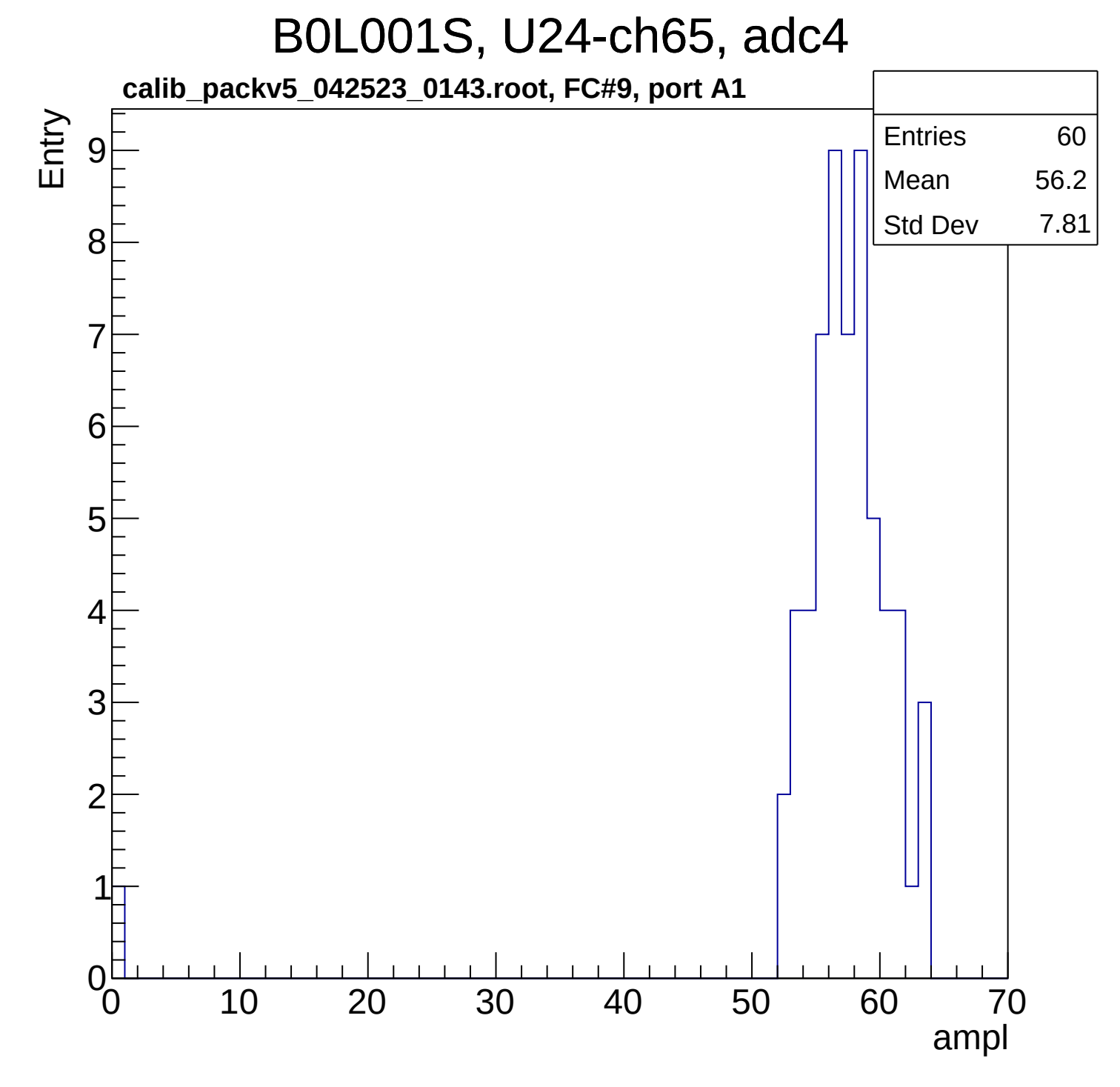
B0L001S, U24-ch65, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 56.2
Std Dev 7.81
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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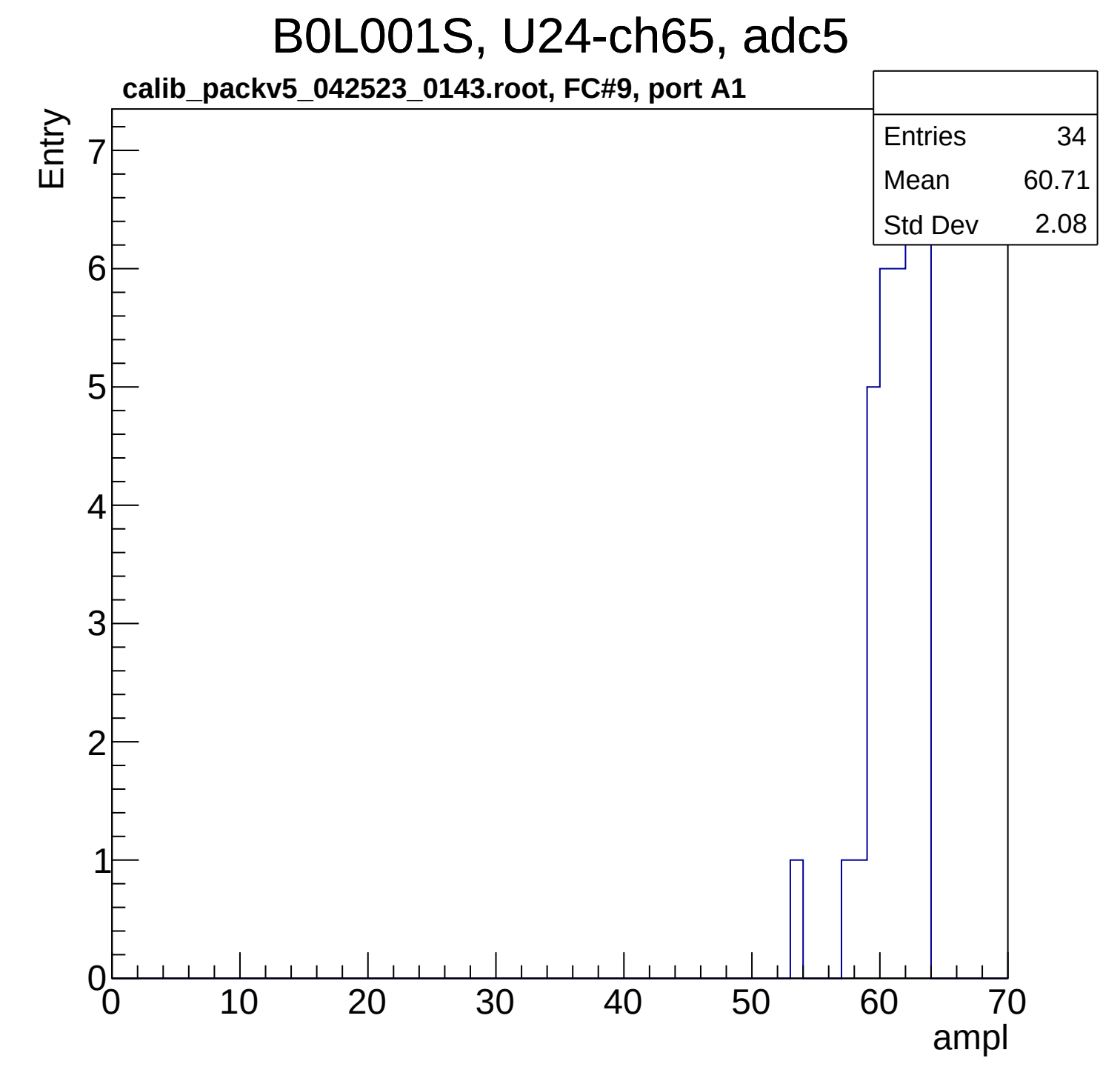
40
50
60
70


B0L001S, U24-ch65, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 60.71
Std Dev 2.08
Entry
0
1
2
3
4
5
6
7
0
10
20
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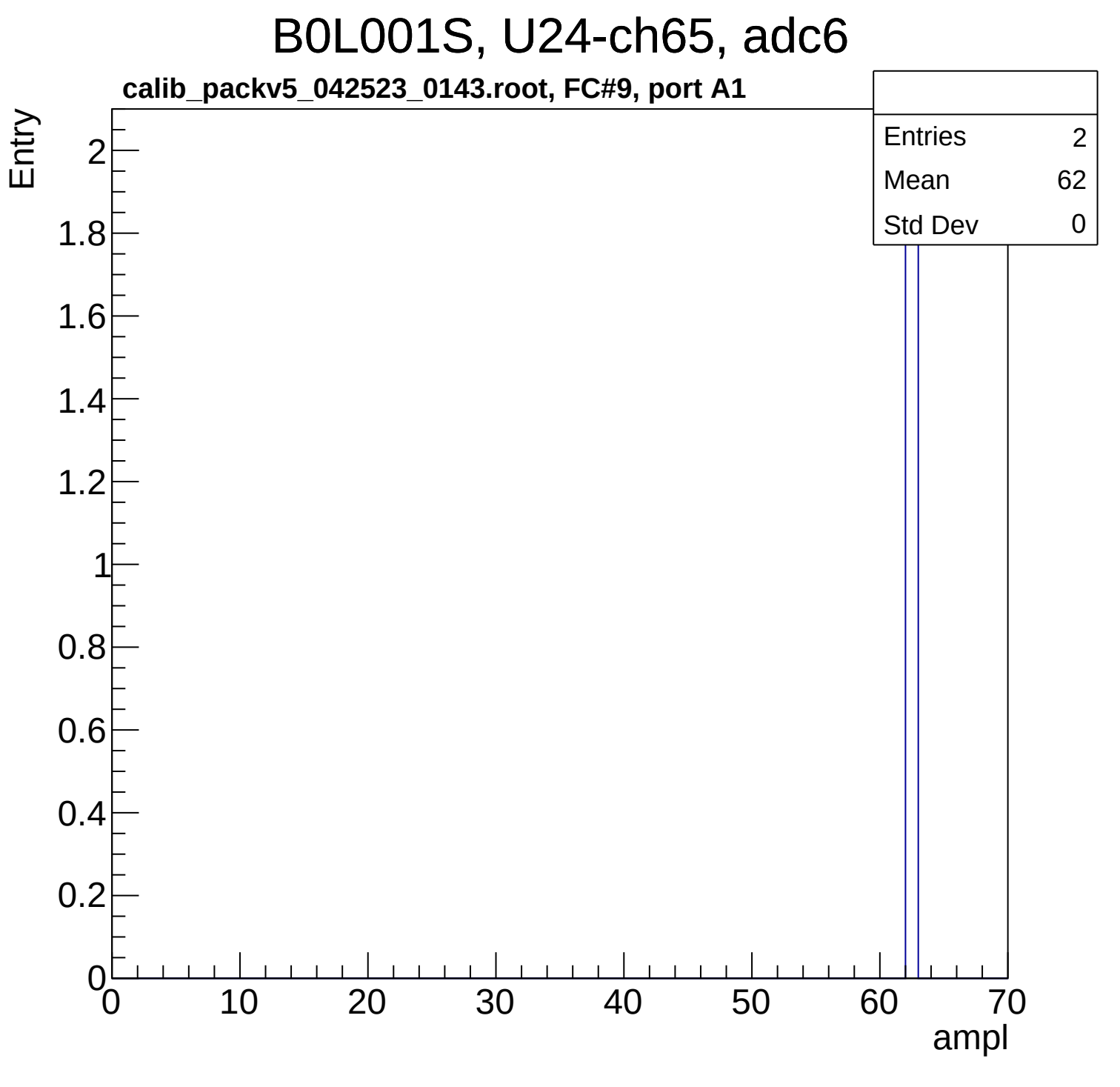
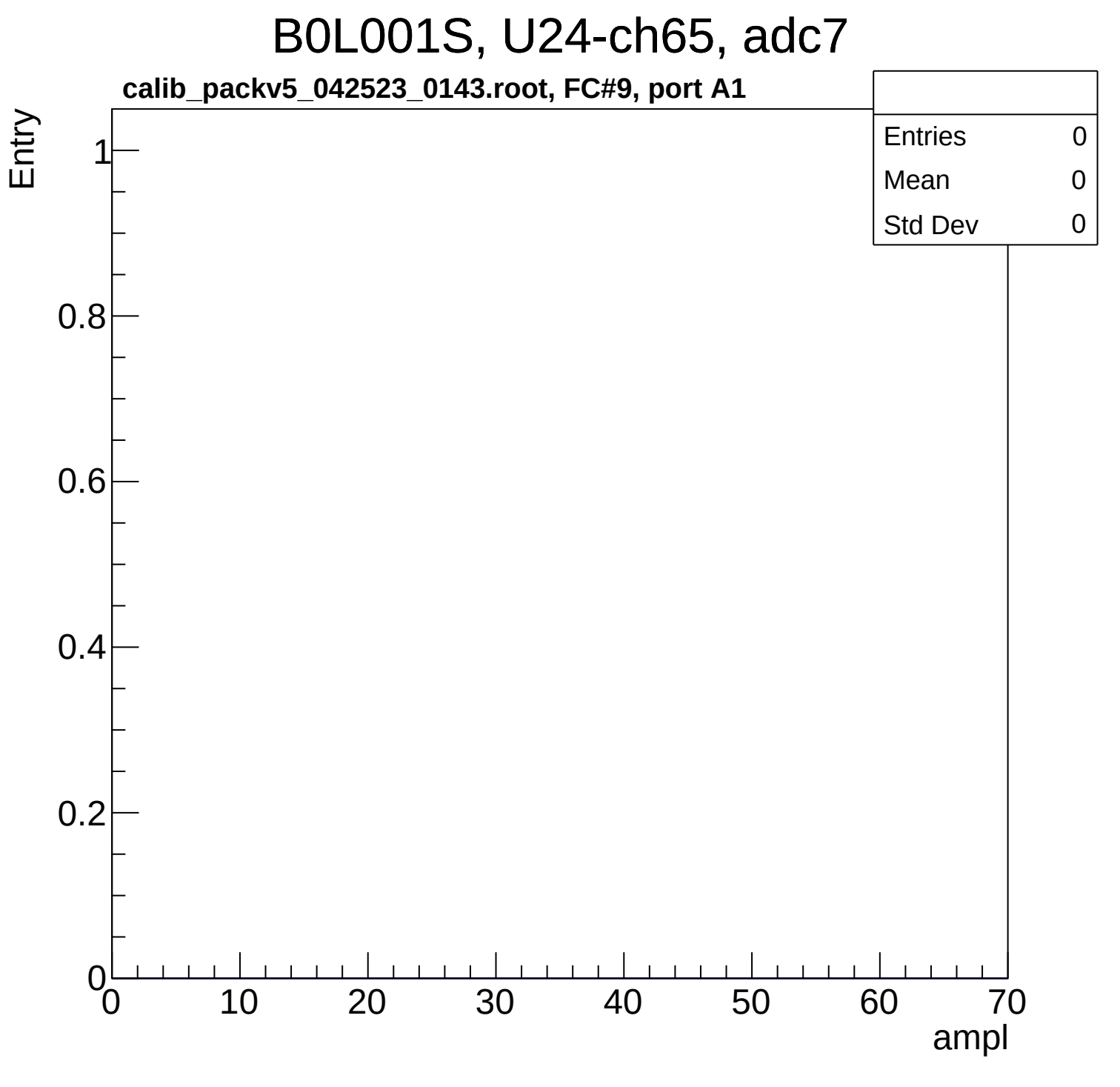
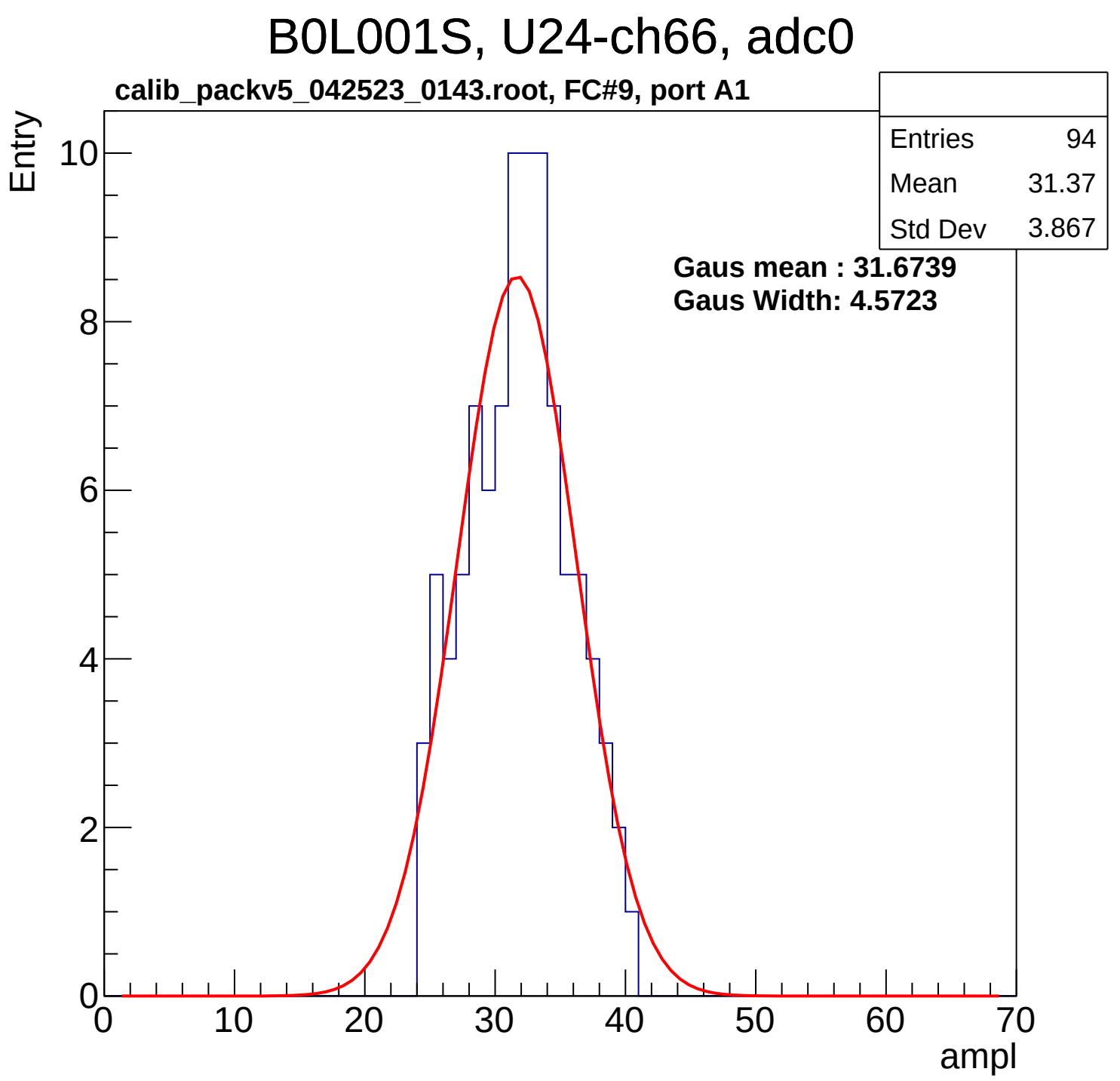
60
70
ampl


B0L001S, U24-ch65, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch65, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch66, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 94
Mean 31.37
Std Dev 3.867
Gaus mean : 31.6739
Gaus Width: 4.5723
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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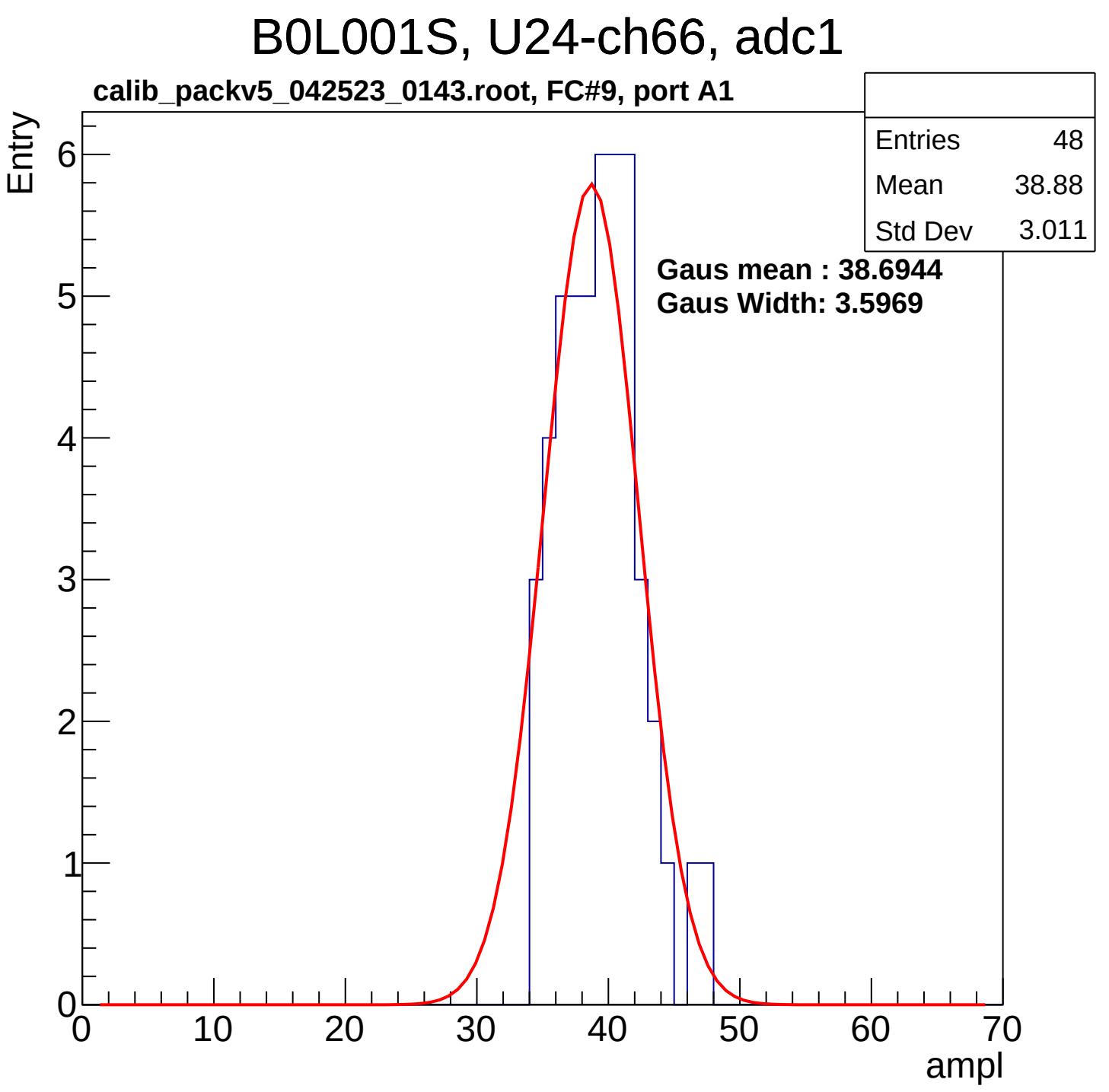
B0L001S, U24-ch66, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 38.88
Std Dev 3.011
Gaus mean : 38.6944
Gaus Width: 3.5969
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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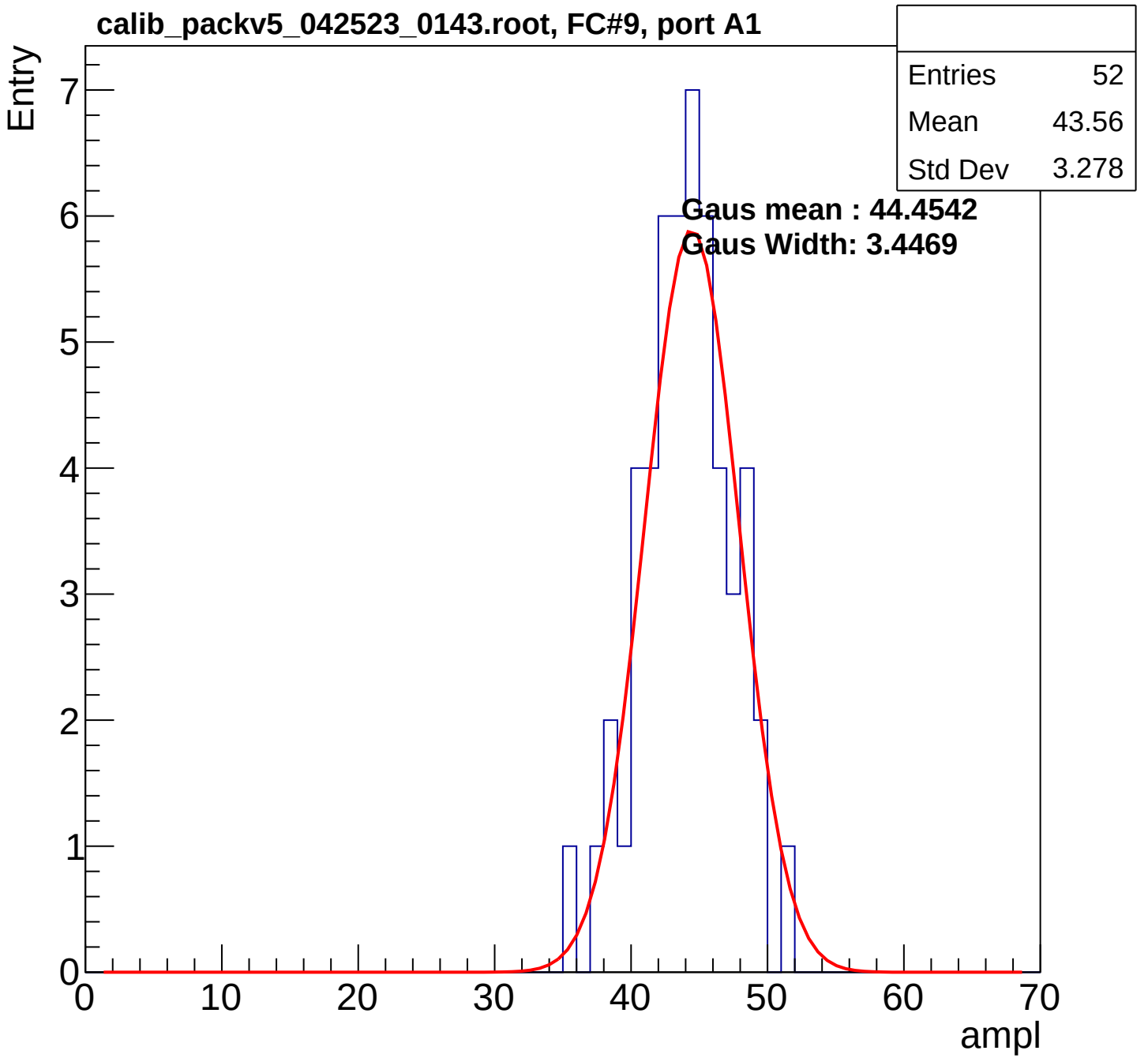
B0L001S, U24-ch66, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 43.56
Std Dev 3.278
Gaus mean : 44.4542
Gaus Width: 3.4469
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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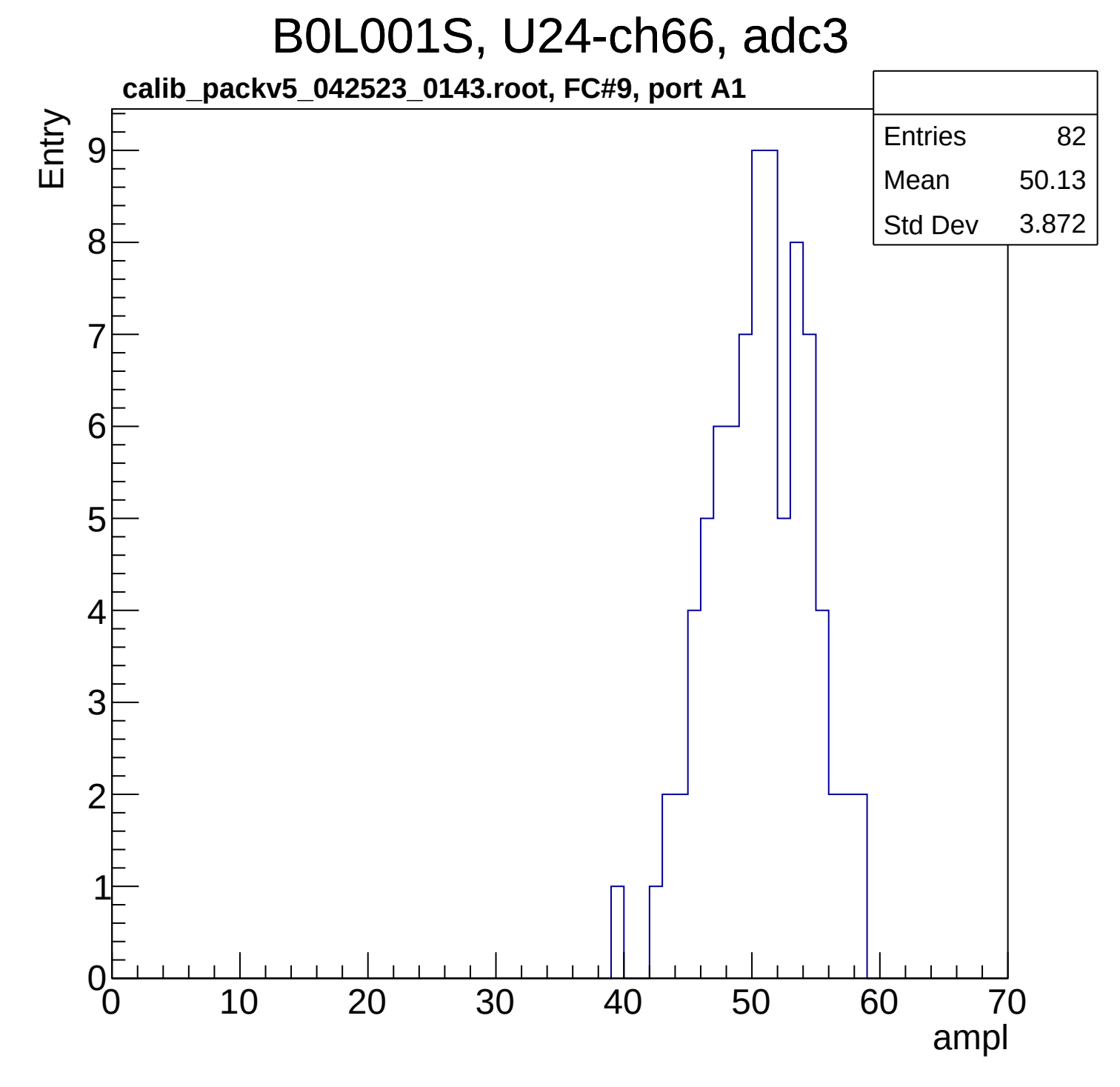
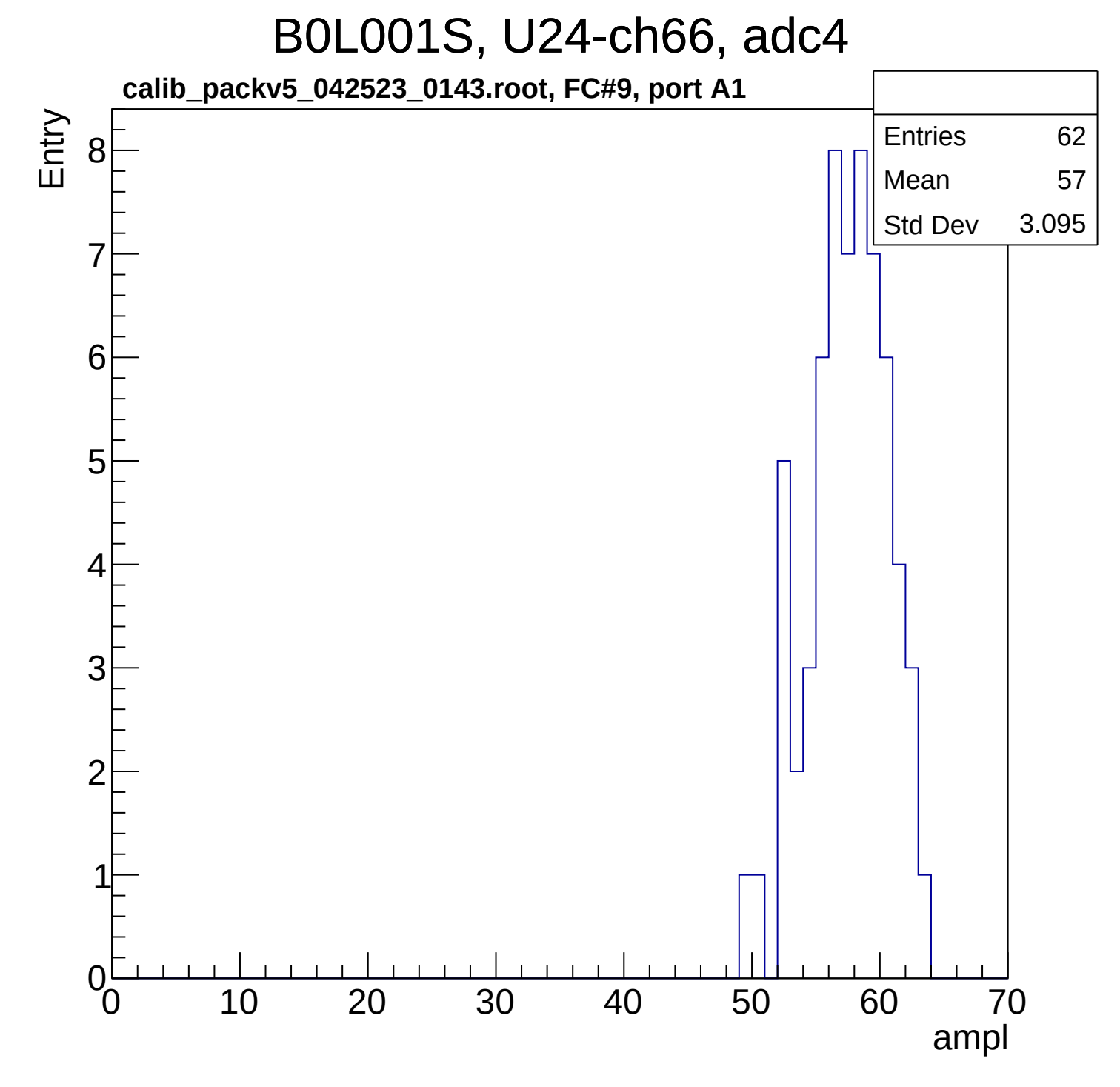
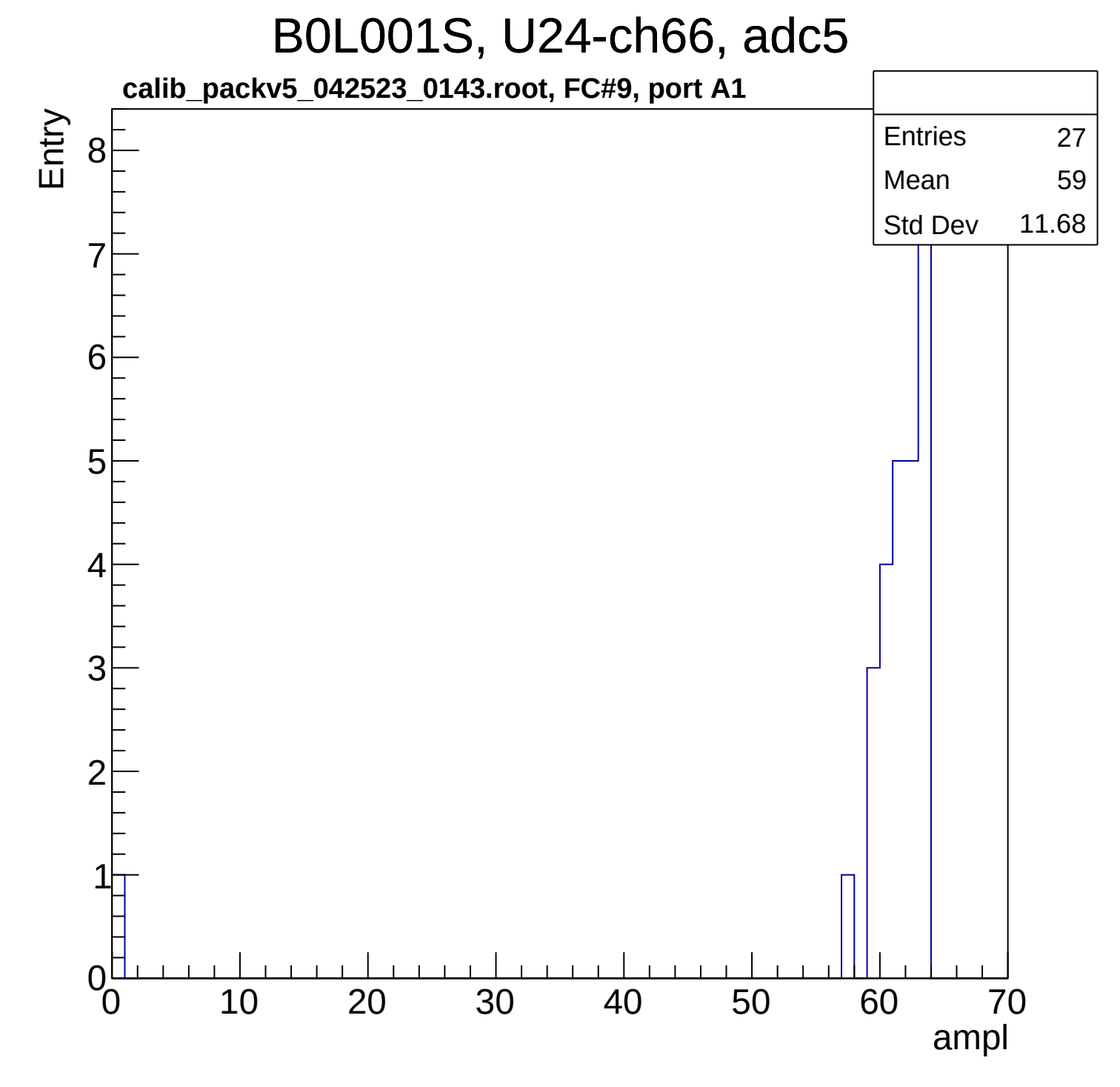
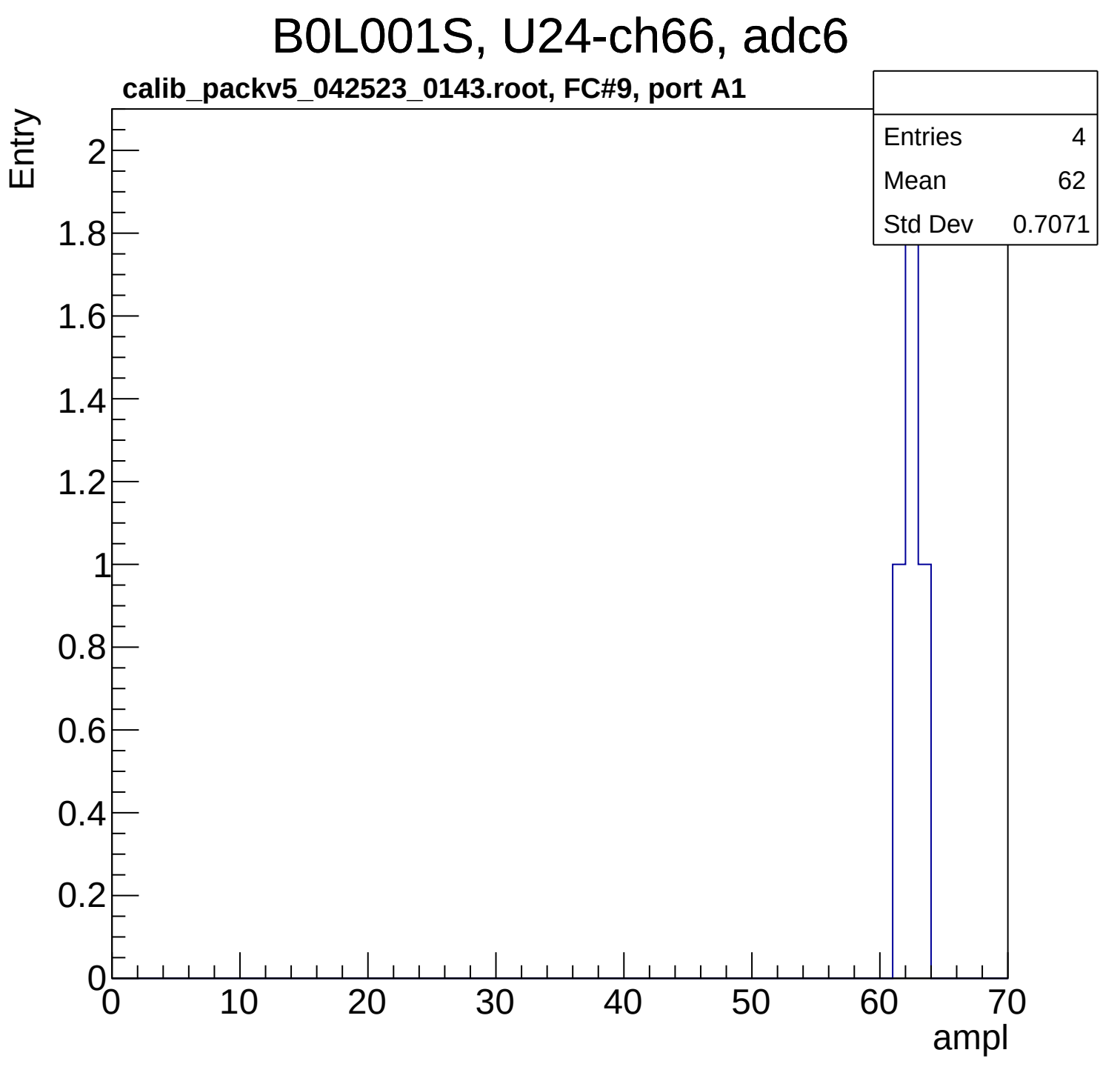
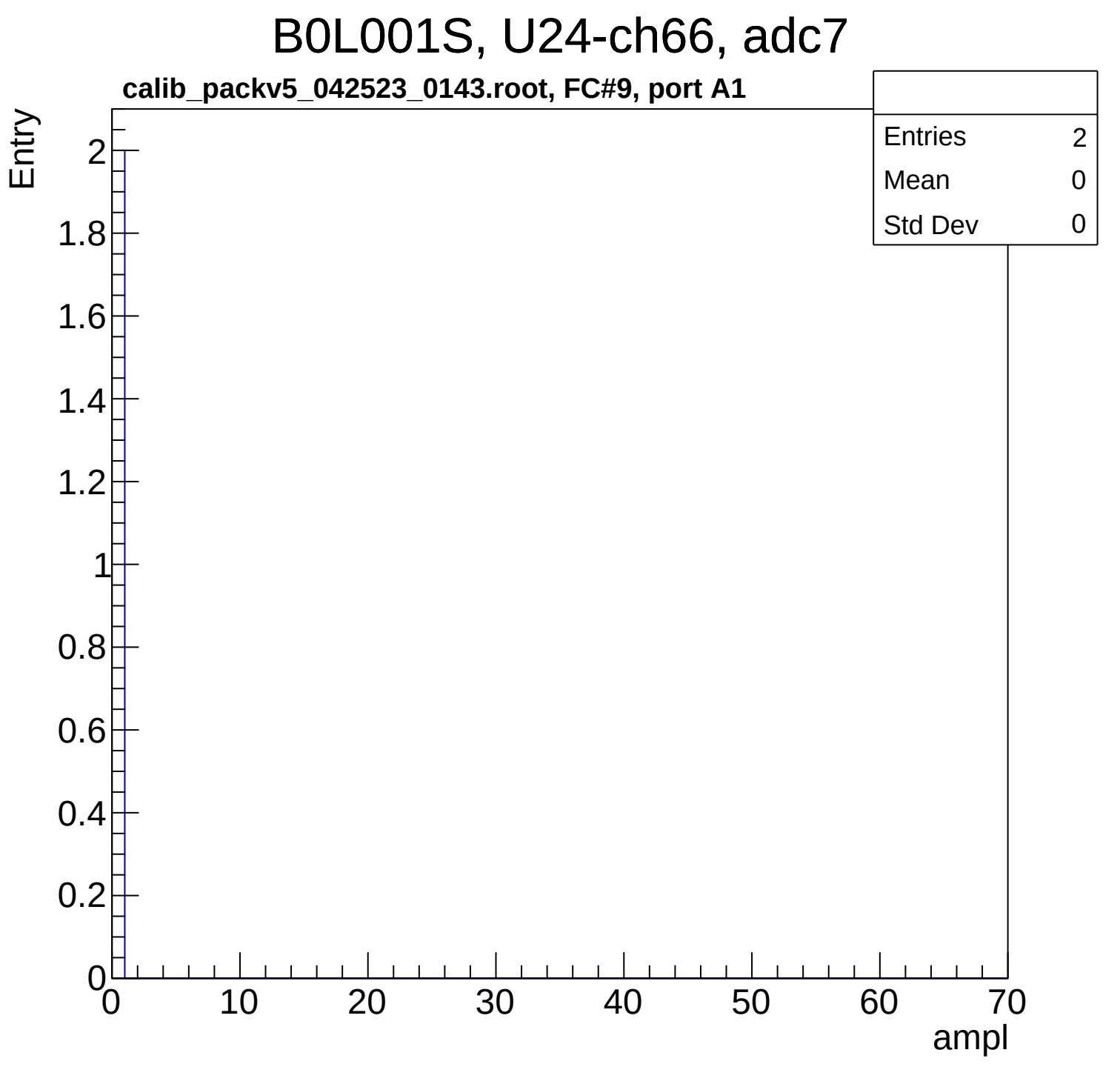
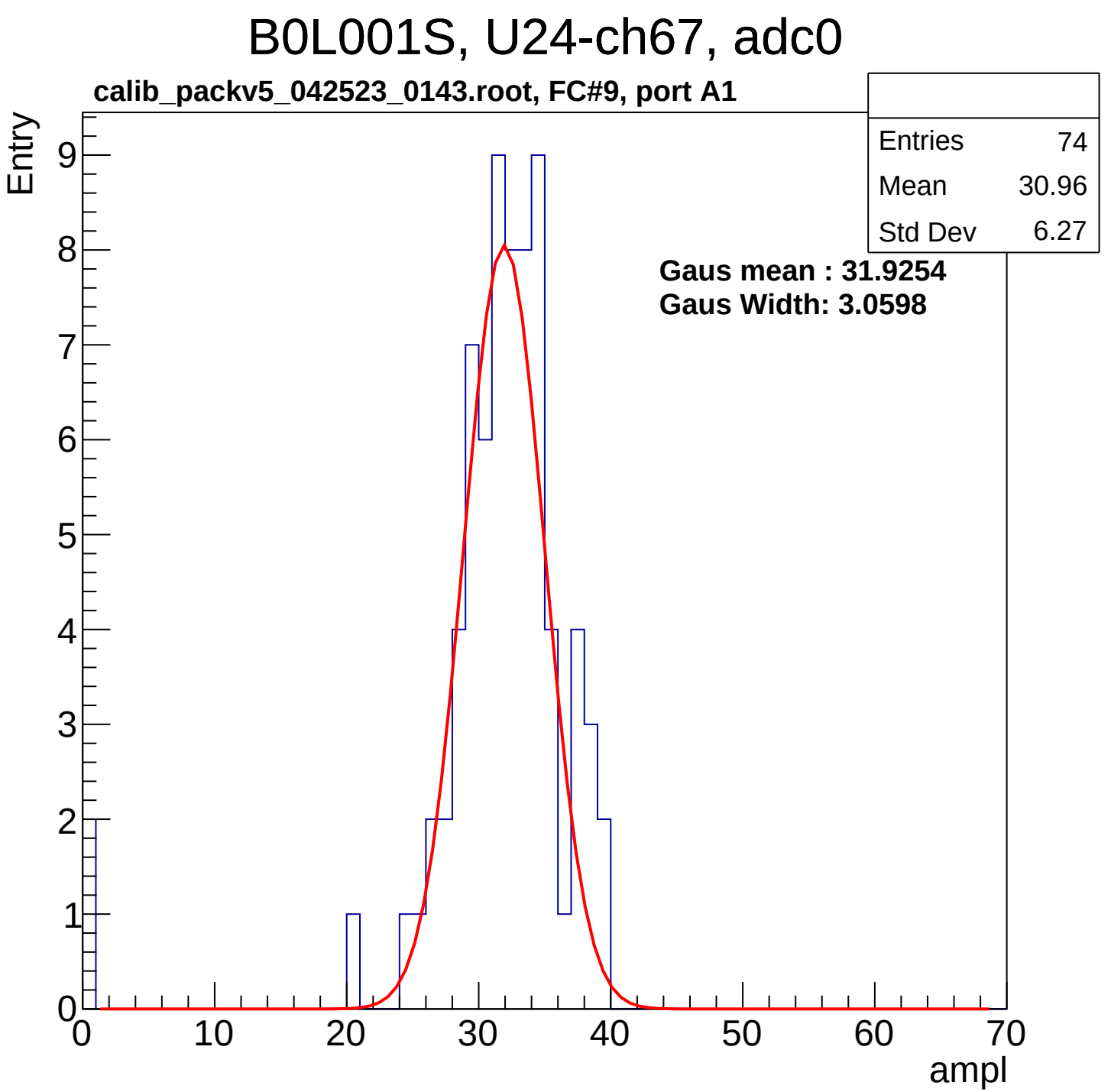

B0L001S, U24-ch66, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 50.13
Std Dev 3.872
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch66, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57
Std Dev 3.095
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch66, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 59
Std Dev 11.68
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch66, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch66, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch67, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 30.96
Std Dev 6.27
Gaus mean : 31.9254
Gaus Width: 3.0598
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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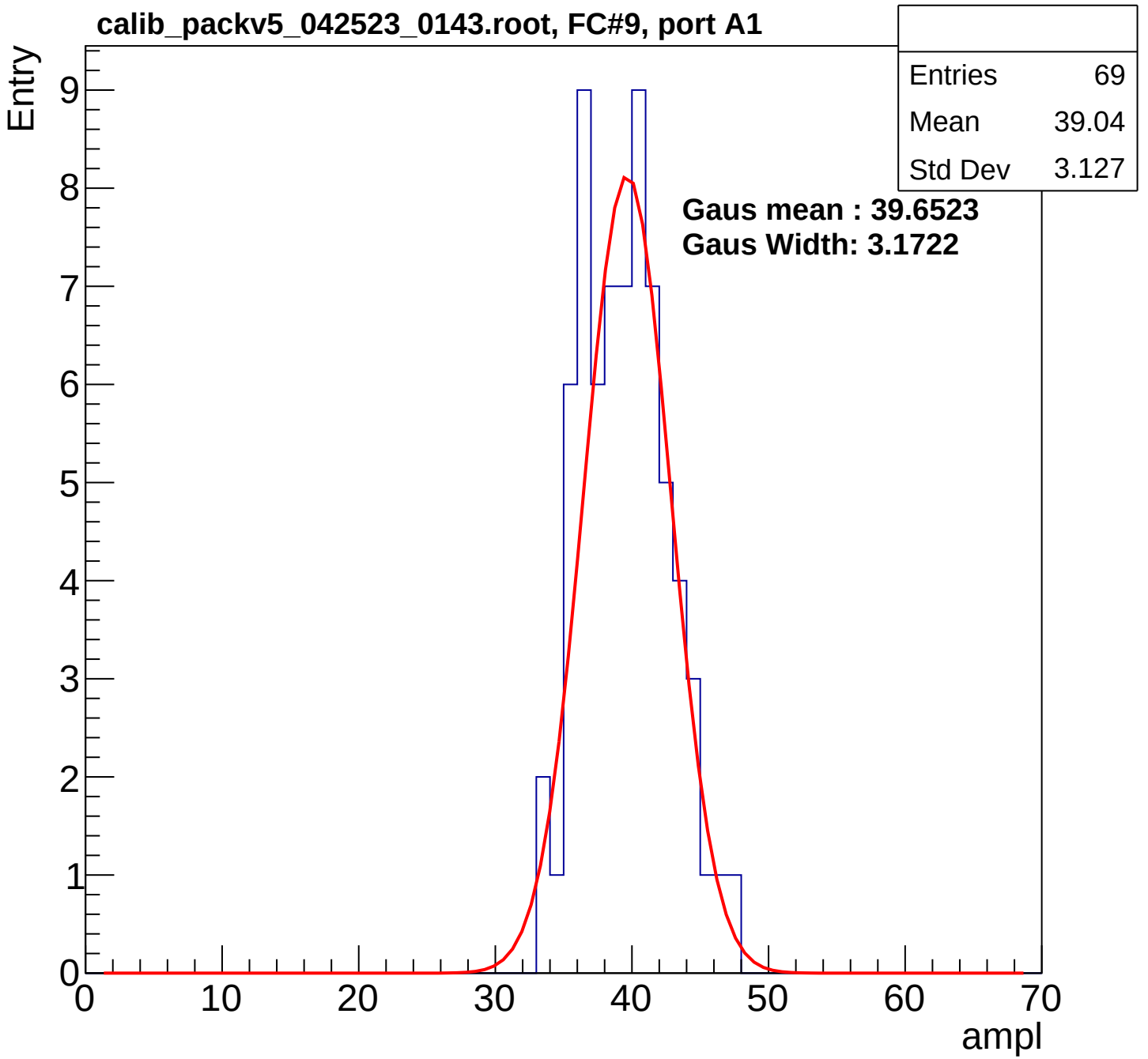
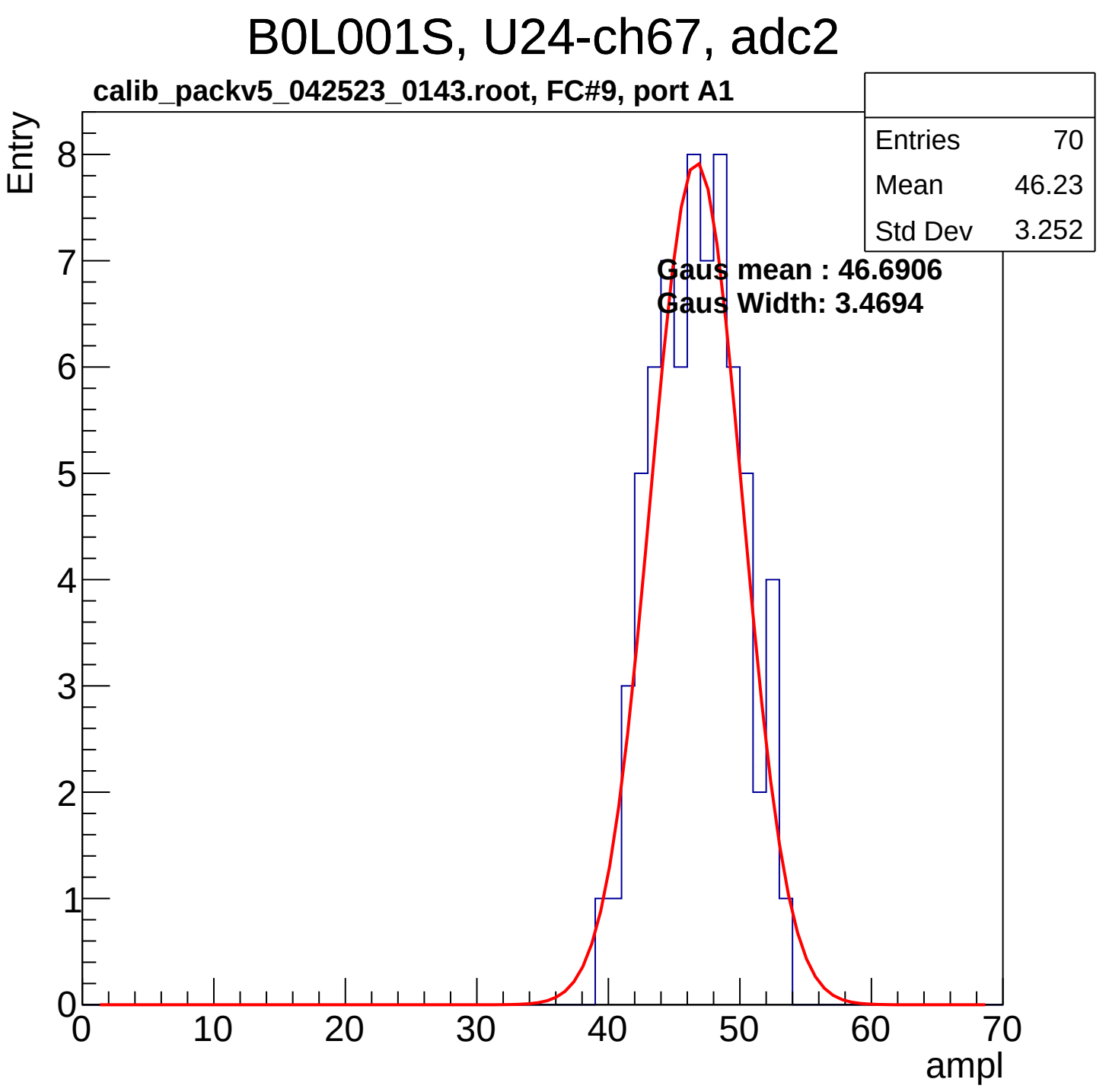

B0L001S, U24-ch67, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 39.04
Std Dev 3.127
Gaus mean : 39.6523
Gaus Width: 3.1722
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch67, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 46.23
Std Dev 3.252
Gaus mean : 46.6906
Gaus Width: 3.4694
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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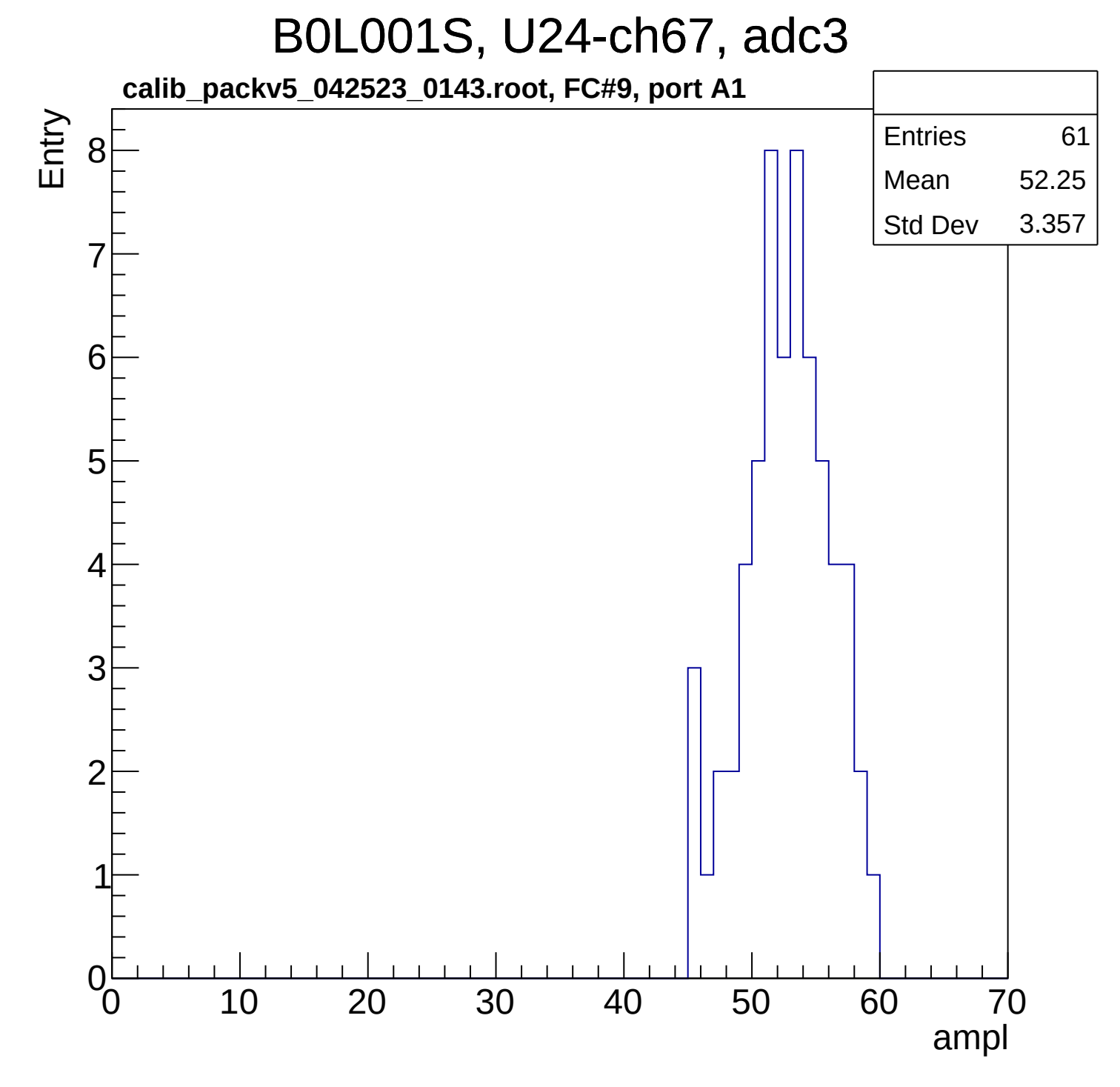
B0L001S, U24-ch67, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 52.25
Std Dev 3.357
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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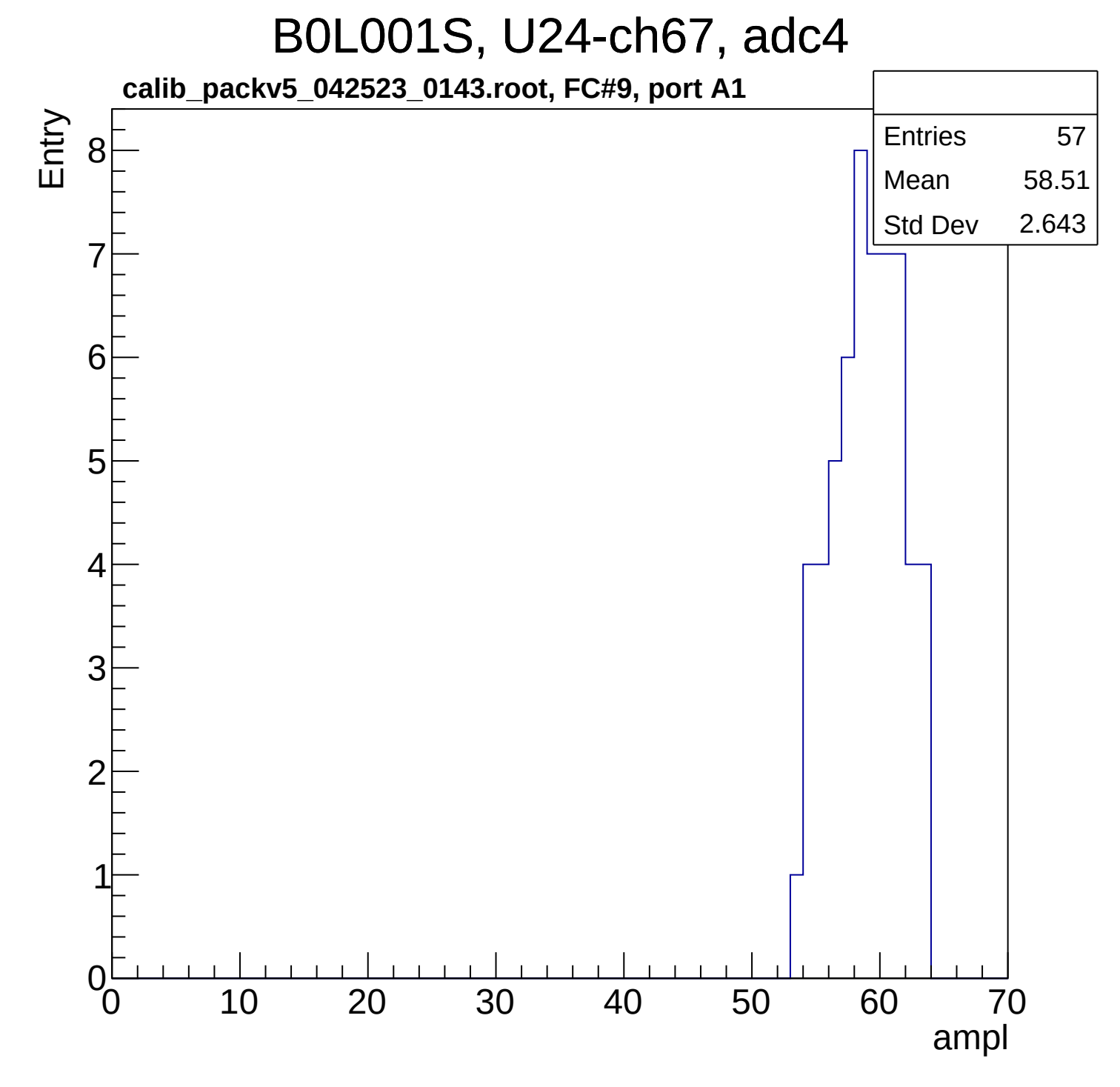
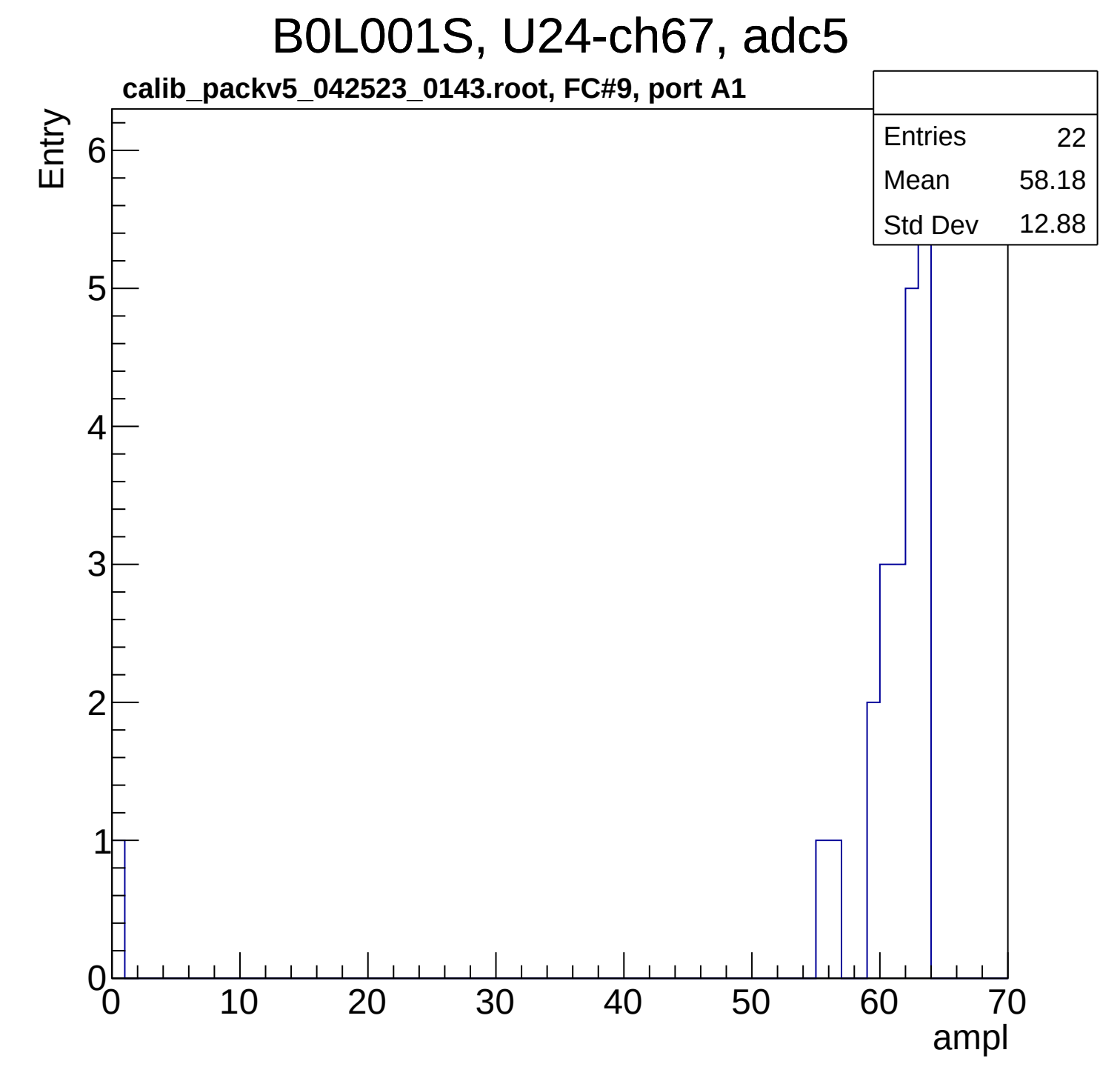
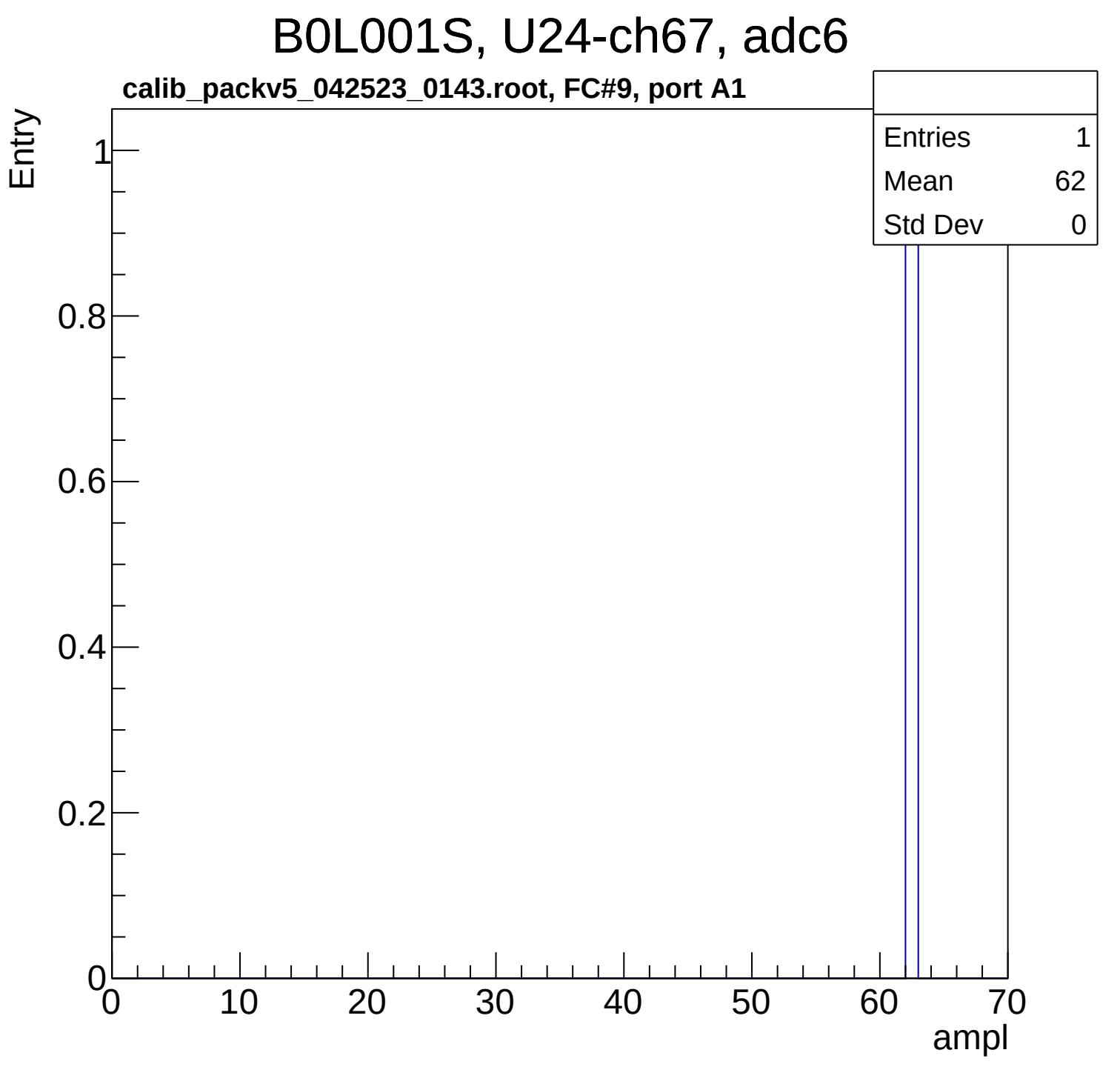
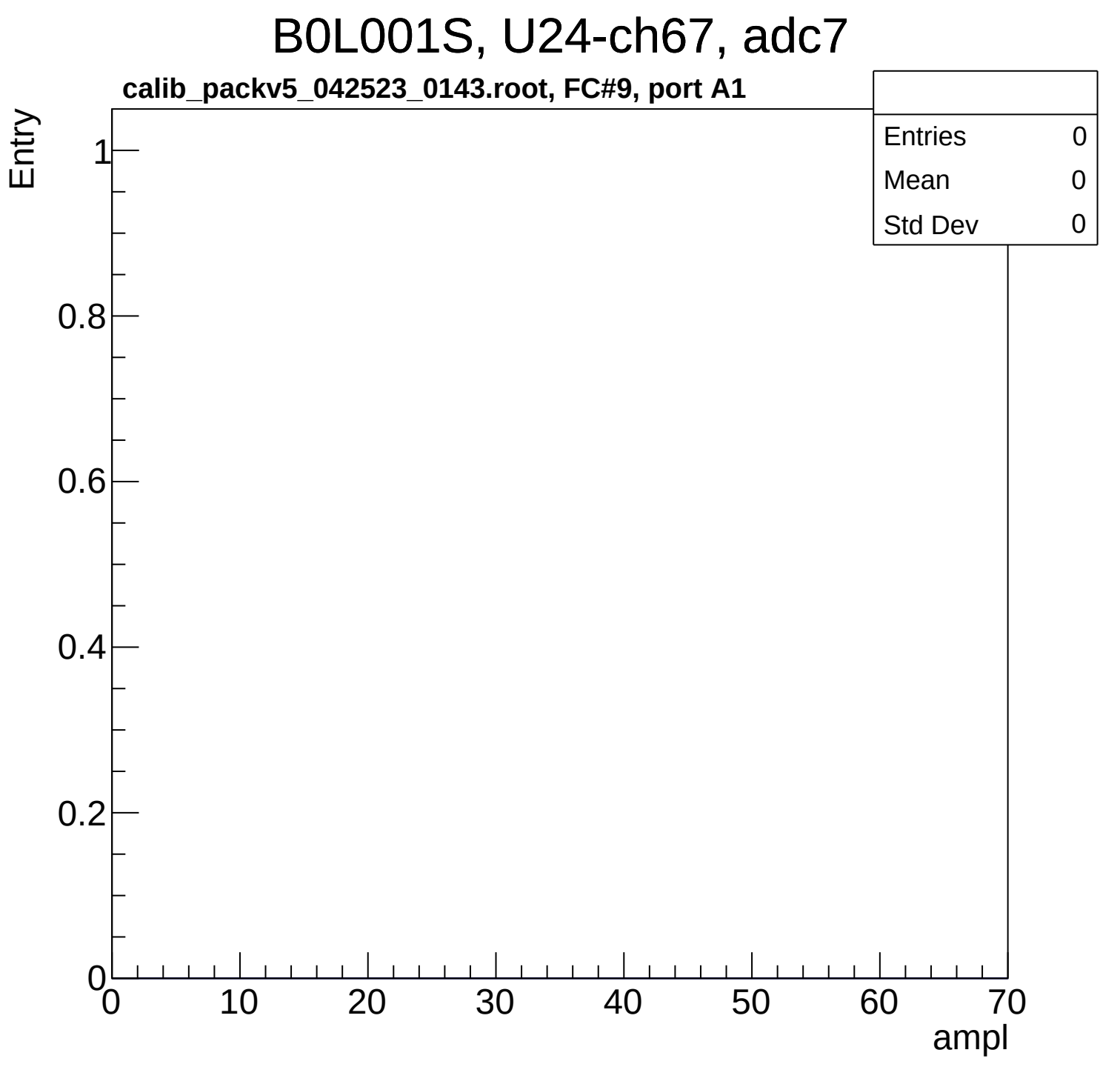

B0L001S, U24-ch67, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 58.51
Std Dev 2.643
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch67, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 22
Mean 58.18
Std Dev 12.88
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch67, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch67, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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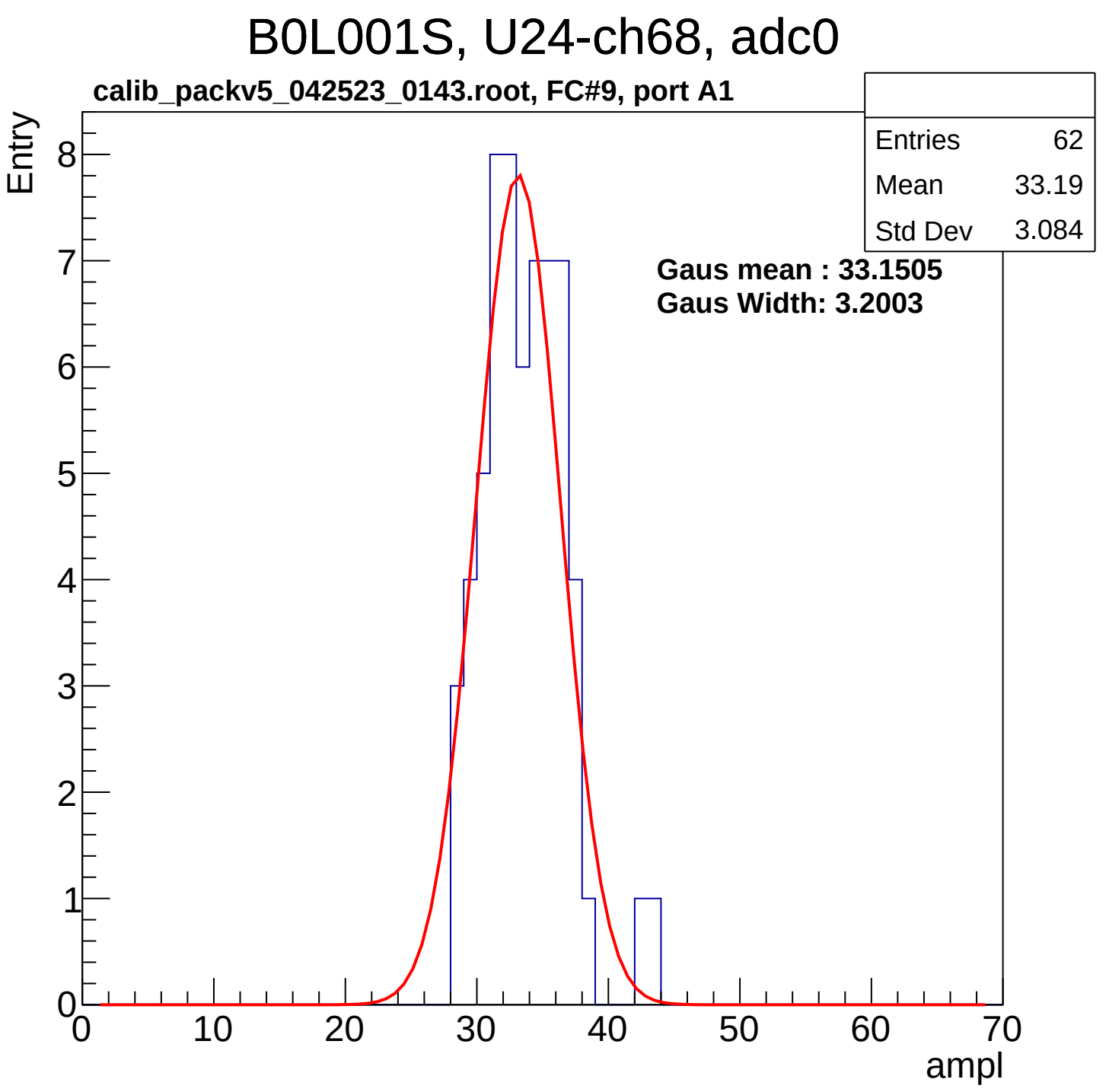
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch68, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 33.19
Std Dev 3.084
Gaus mean : 33.1505
Gaus Width: 3.2003
Entry
ampl
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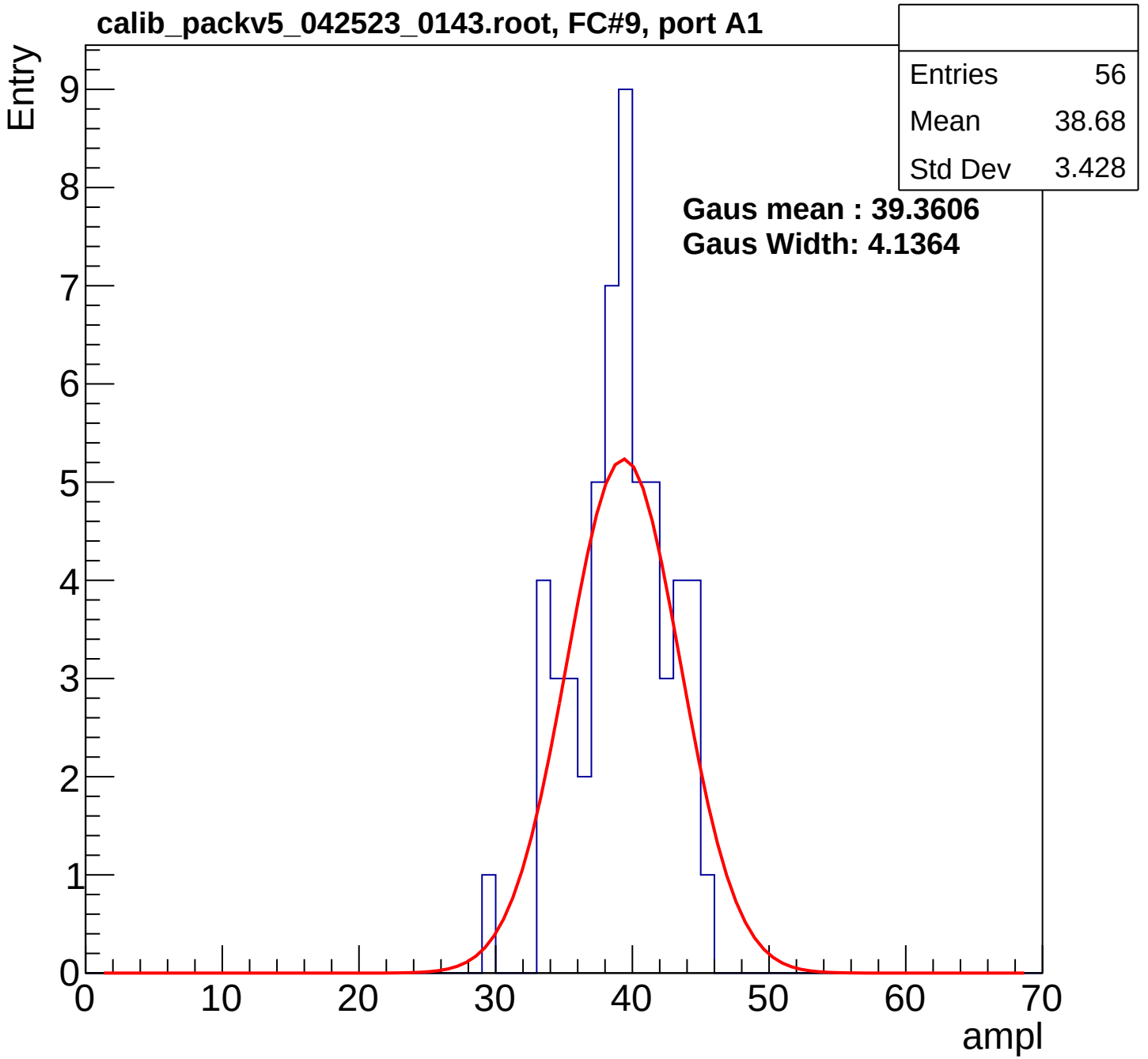
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch68, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 38.68
Std Dev 3.428
Gaus mean : 39.3606
Gaus Width: 4.1364
Entry
ampl
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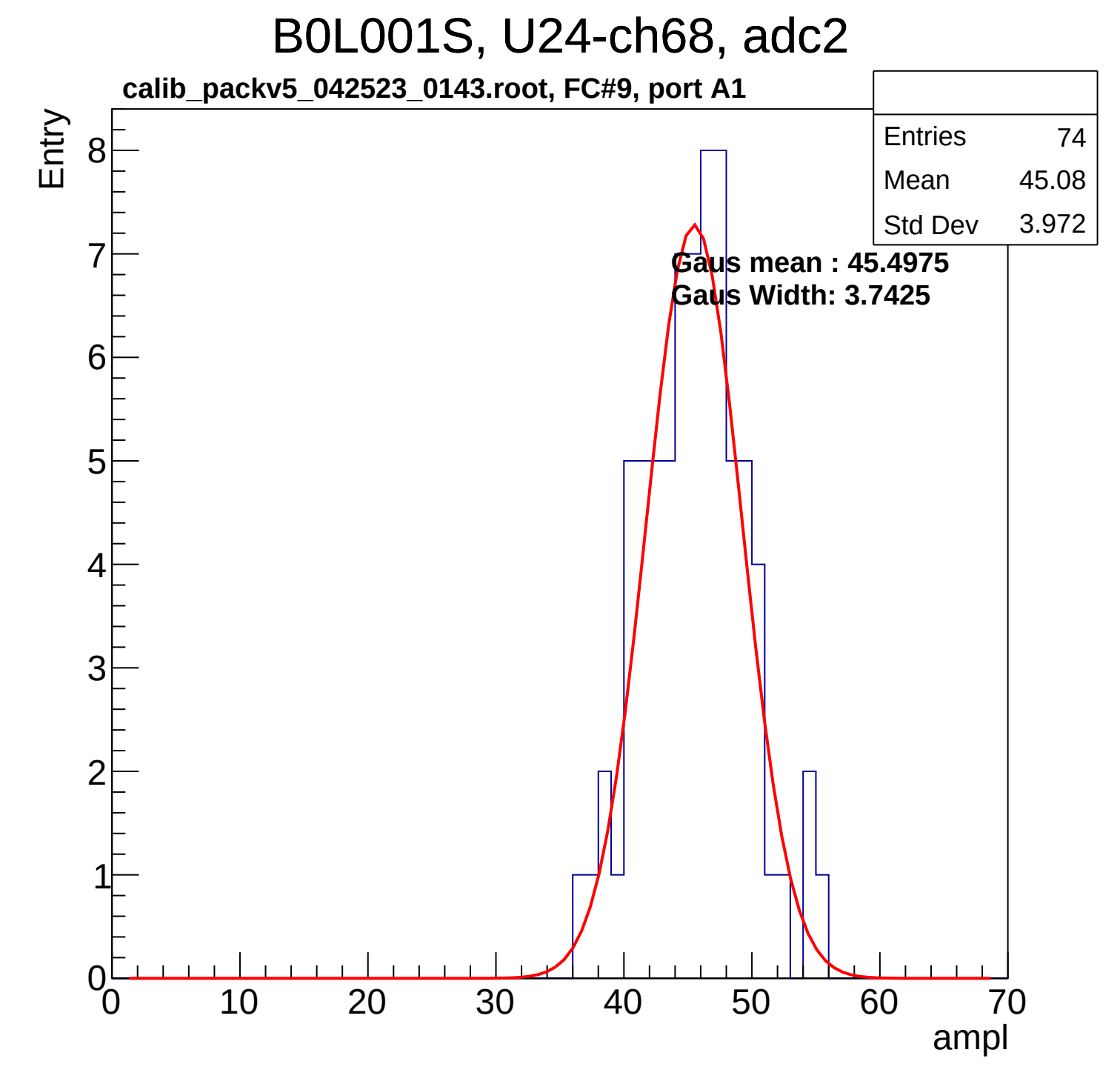
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch68, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 45.08
Std Dev 3.972
Gaus mean : 45.4975
Gaus Width: 3.7425
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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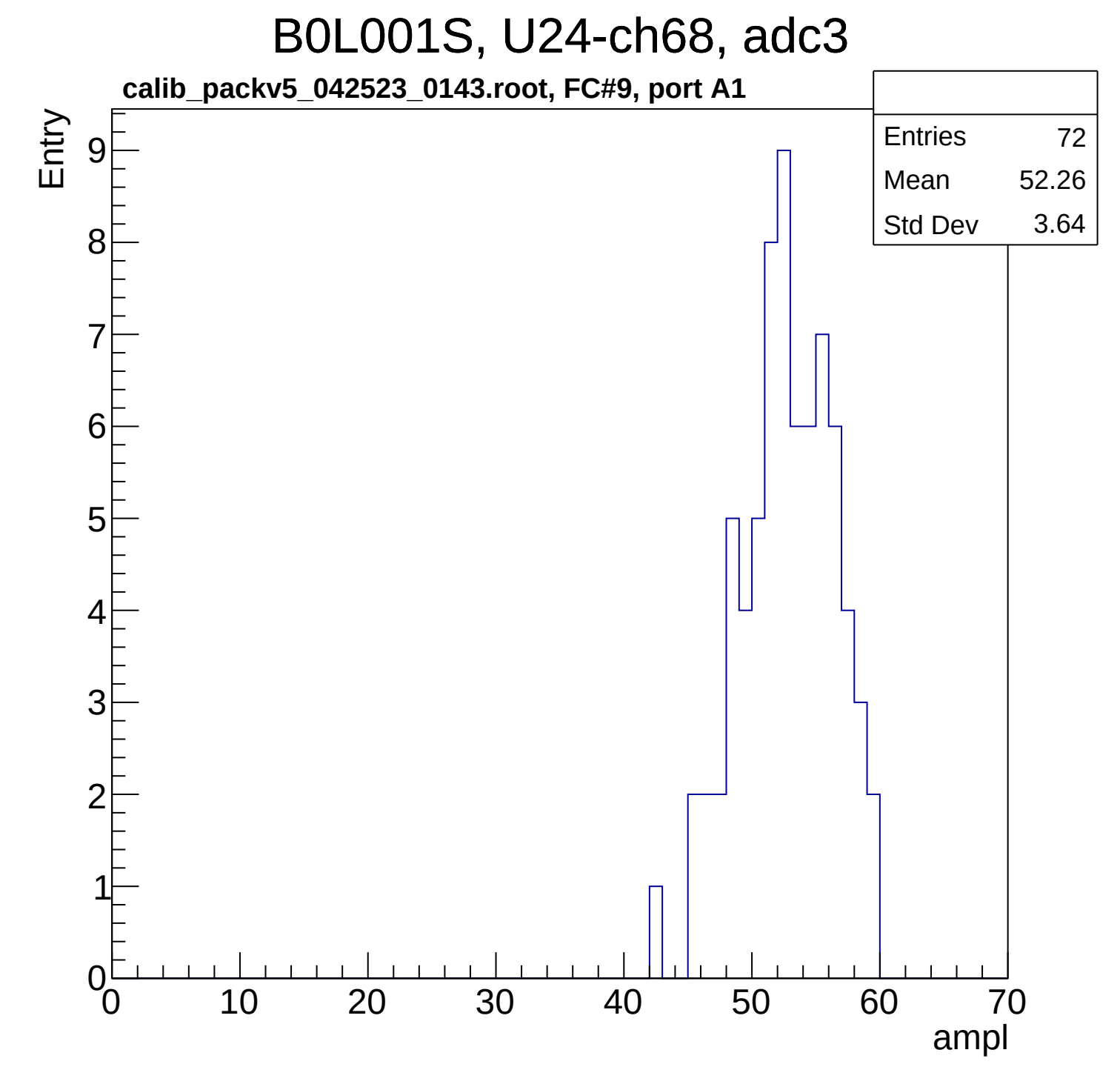
B0L001S, U24-ch68, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 52.26
Std Dev 3.64
Entry
ampl
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3
4
5
6
7
8
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0
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40
50
60
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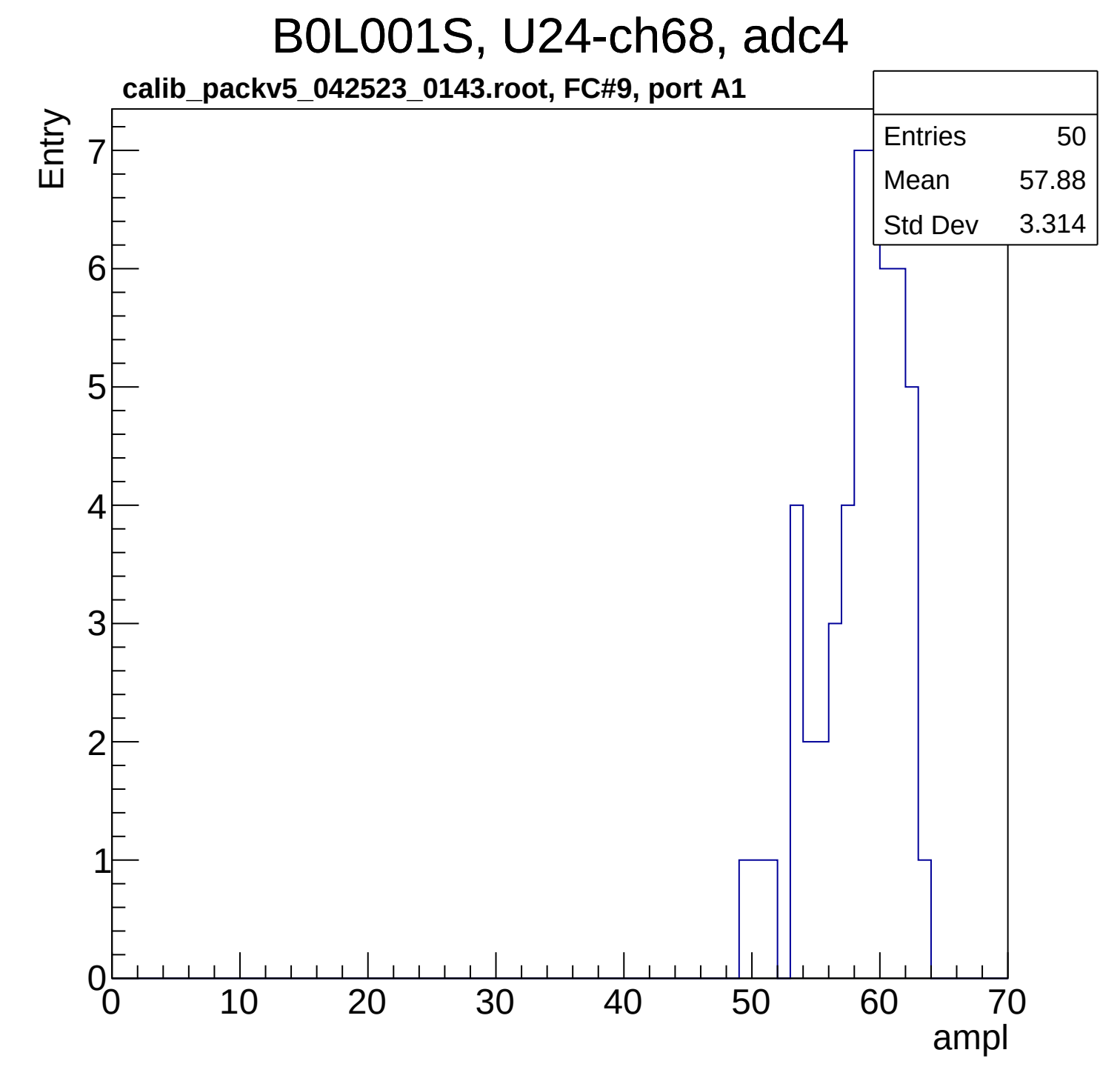
B0L001S, U24-ch68, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 57.88
Std Dev 3.314
Entry
ampl
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1
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4
5
6
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0
10
20
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40
50
60
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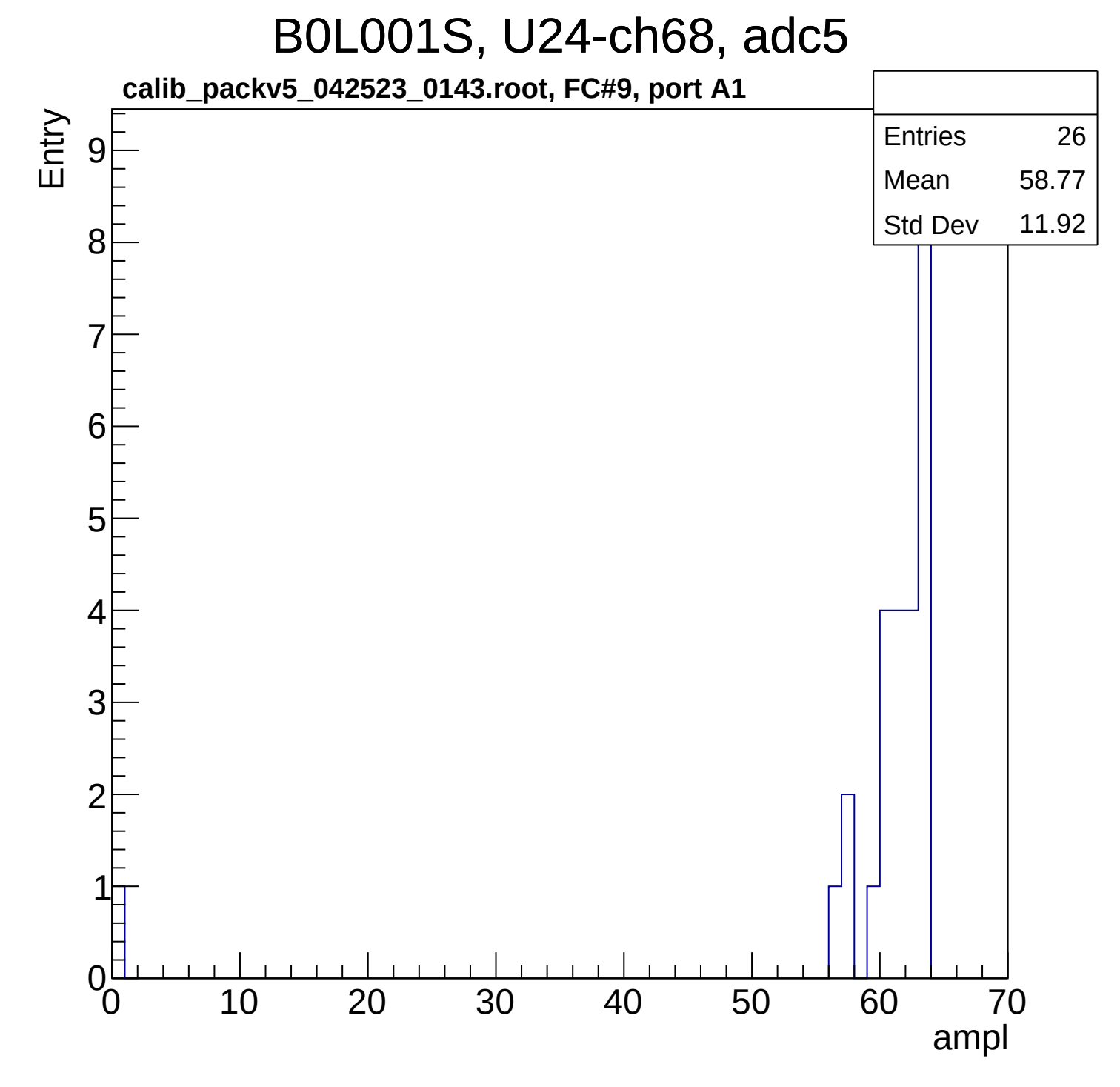
B0L001S, U24-ch68, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 58.77
Std Dev 11.92
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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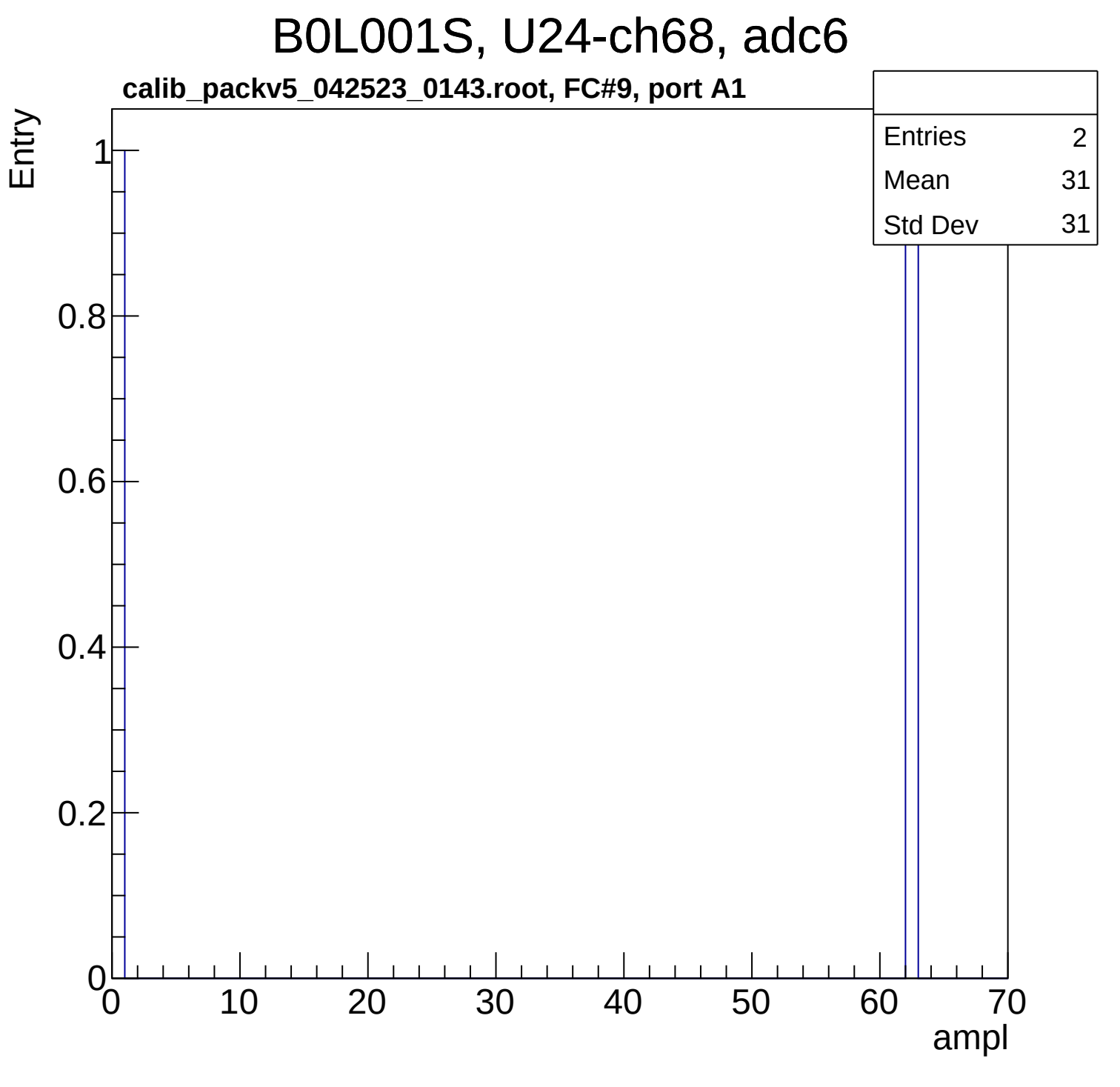
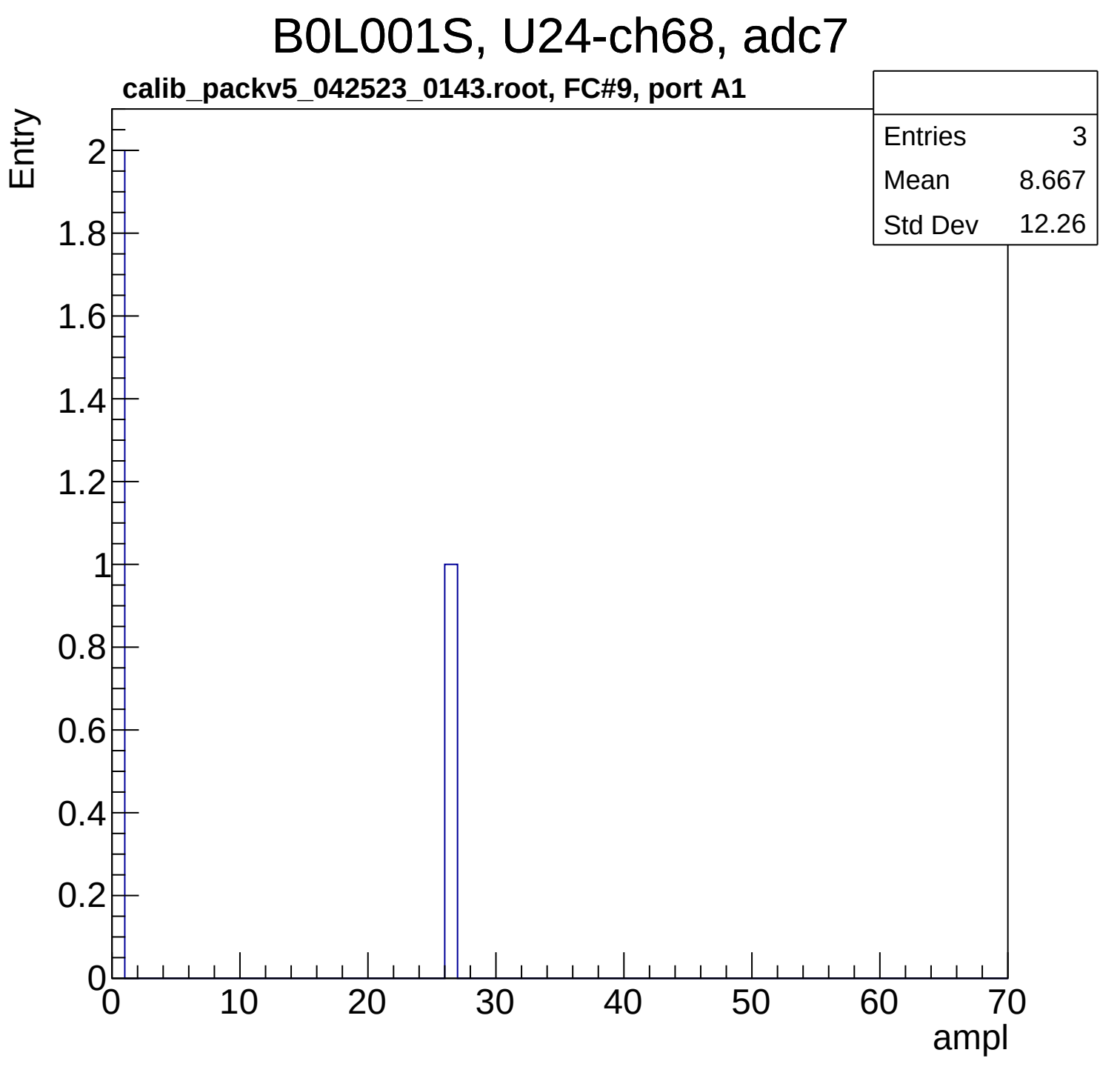

B0L001S, U24-ch68, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch68, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 8.667
Std Dev 12.26
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
50
60
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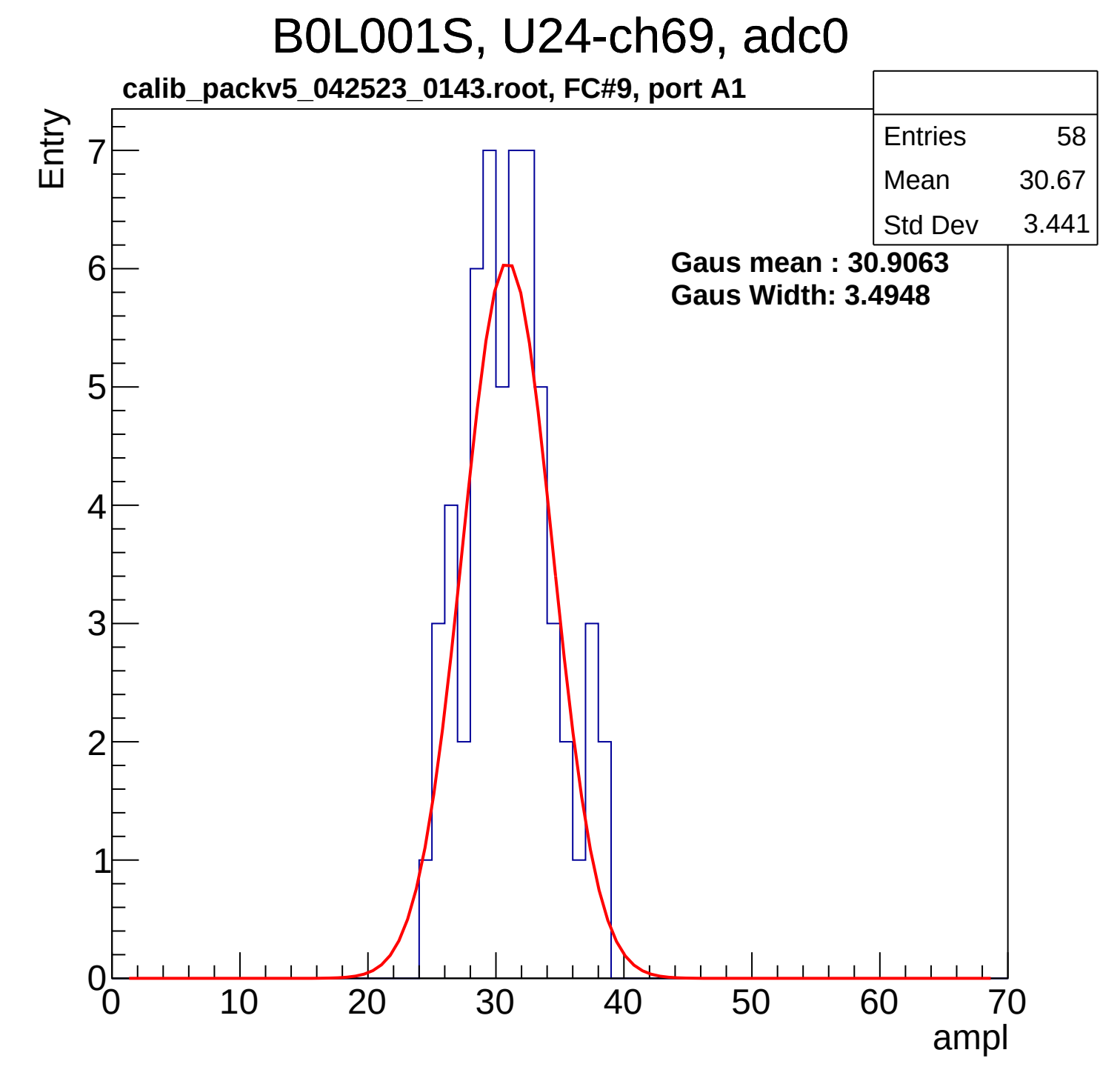
B0L001S, U24-ch69, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 30.67
Std Dev 3.441
Gaus mean : 30.9063
Gaus Width: 3.4948
Entry
ampl
0
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2
3
4
5
6
7
0
10
20
30
40
50
60
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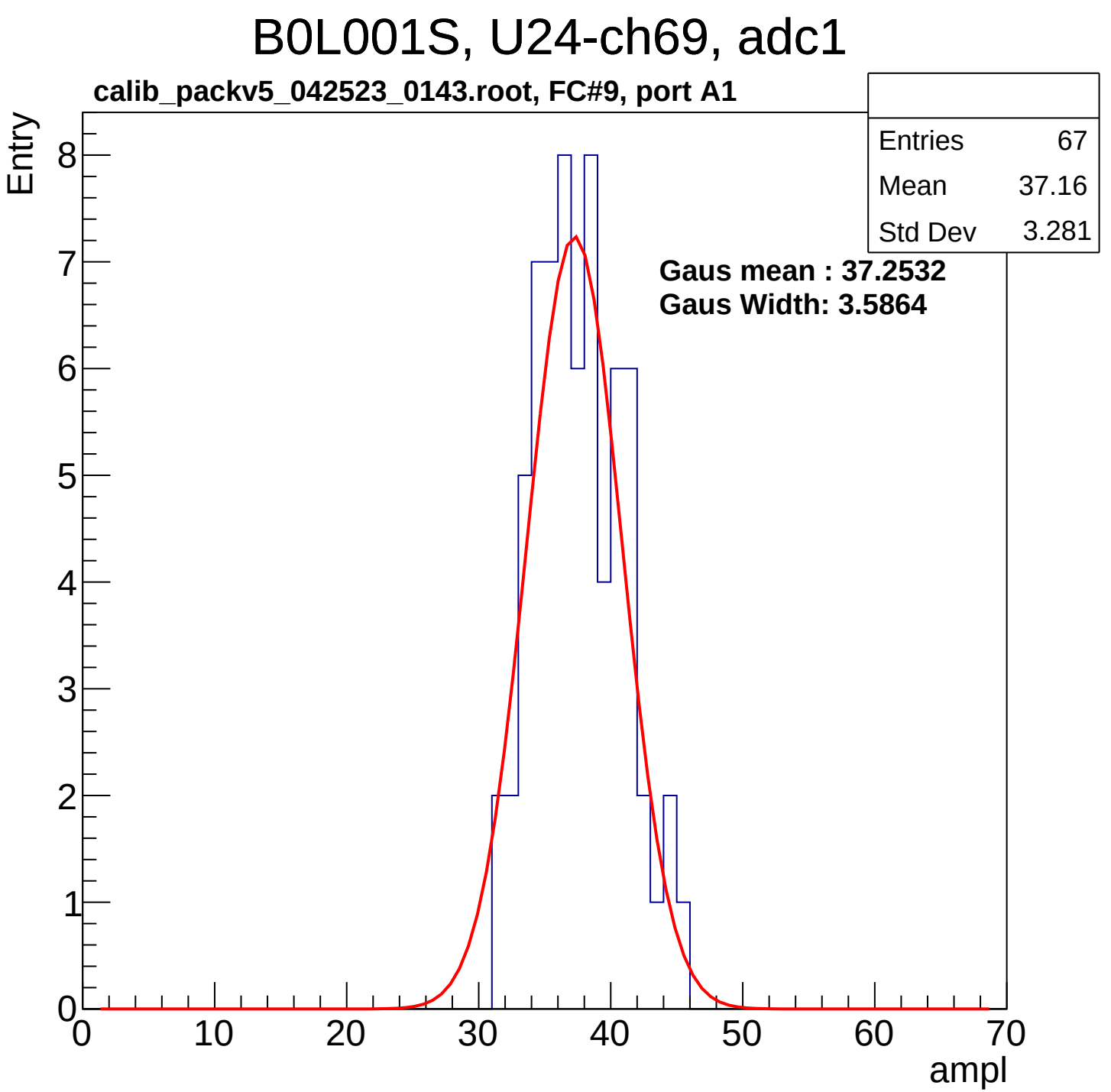
B0L001S, U24-ch69, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.16
Std Dev 3.281
Gaus mean : 37.2532
Gaus Width: 3.5864
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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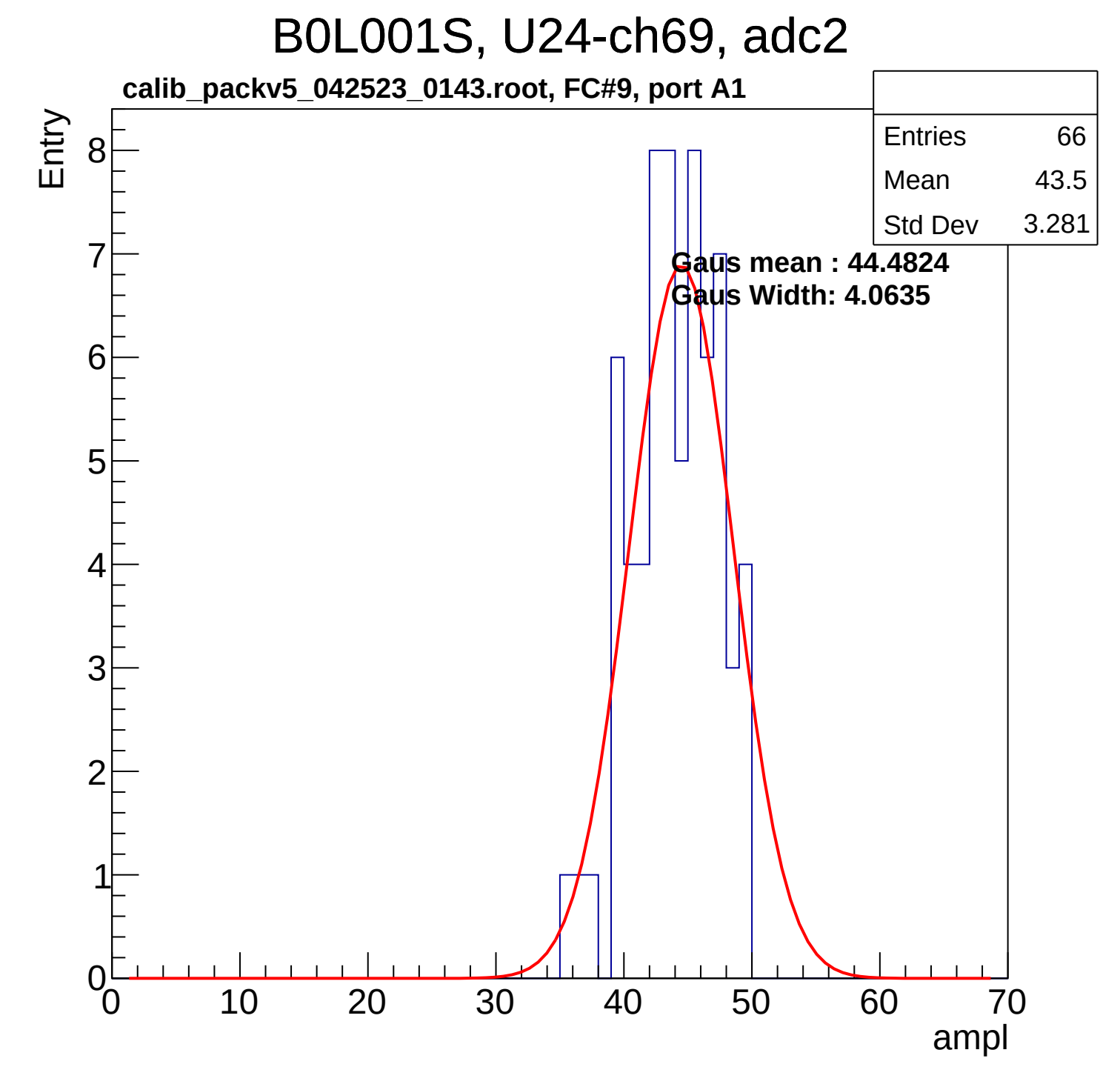
B0L001S, U24-ch69, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 43.5
Std Dev 3.281
Gaus mean : 44.4824
Gaus Width: 4.0635
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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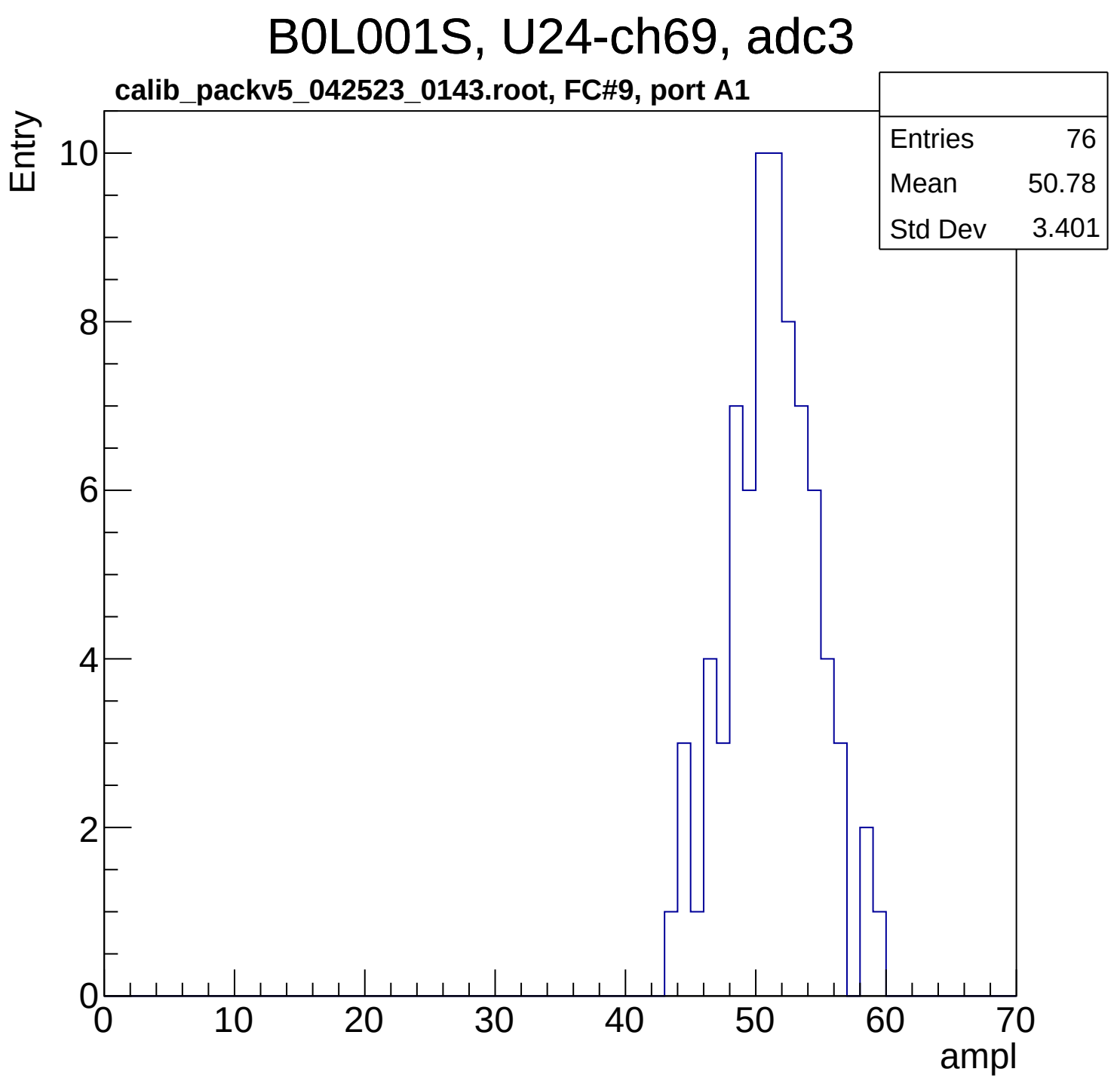
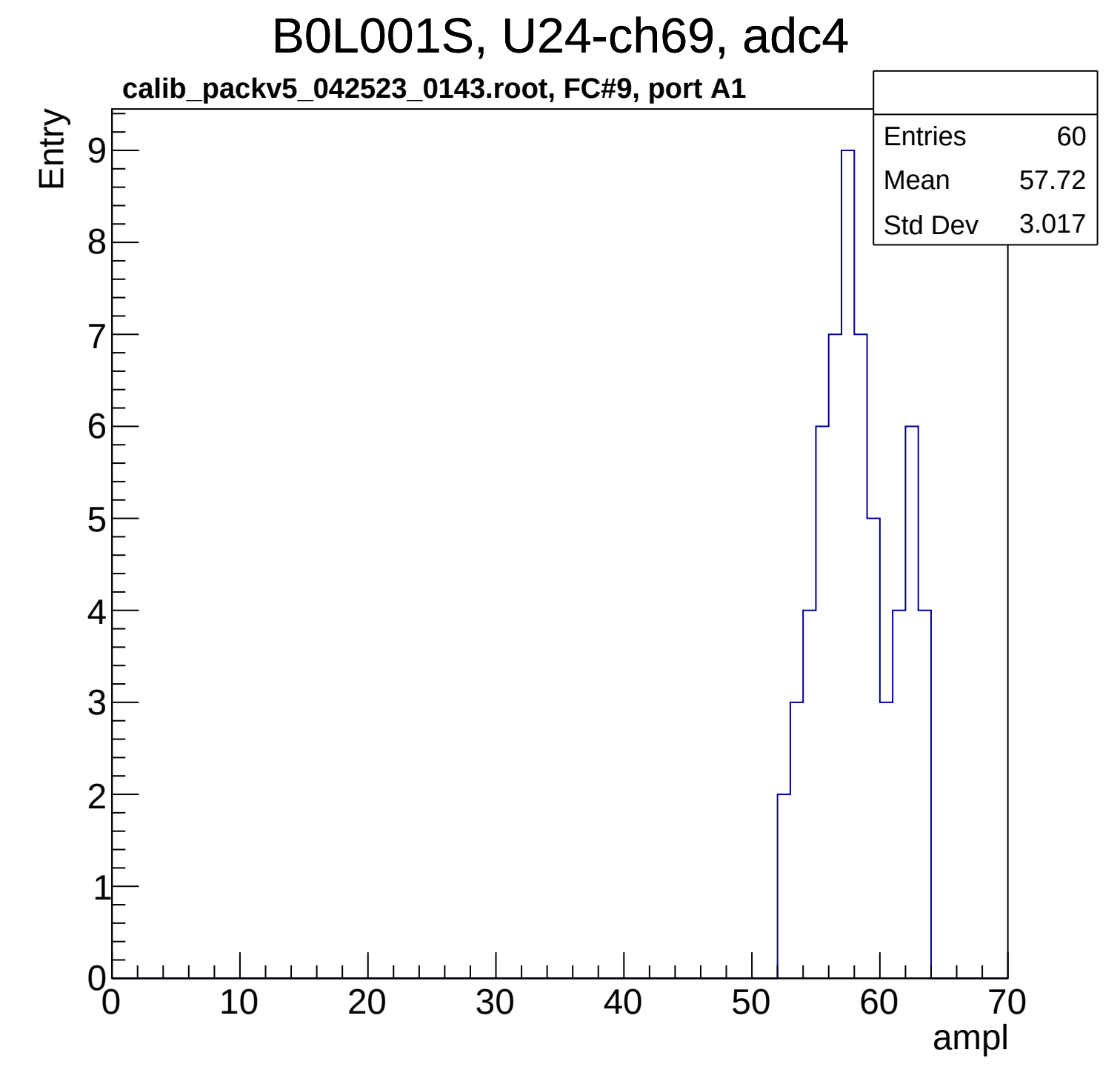

B0L001S, U24-ch69, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 50.78
Std Dev 3.401
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch69, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 57.72
Std Dev 3.017
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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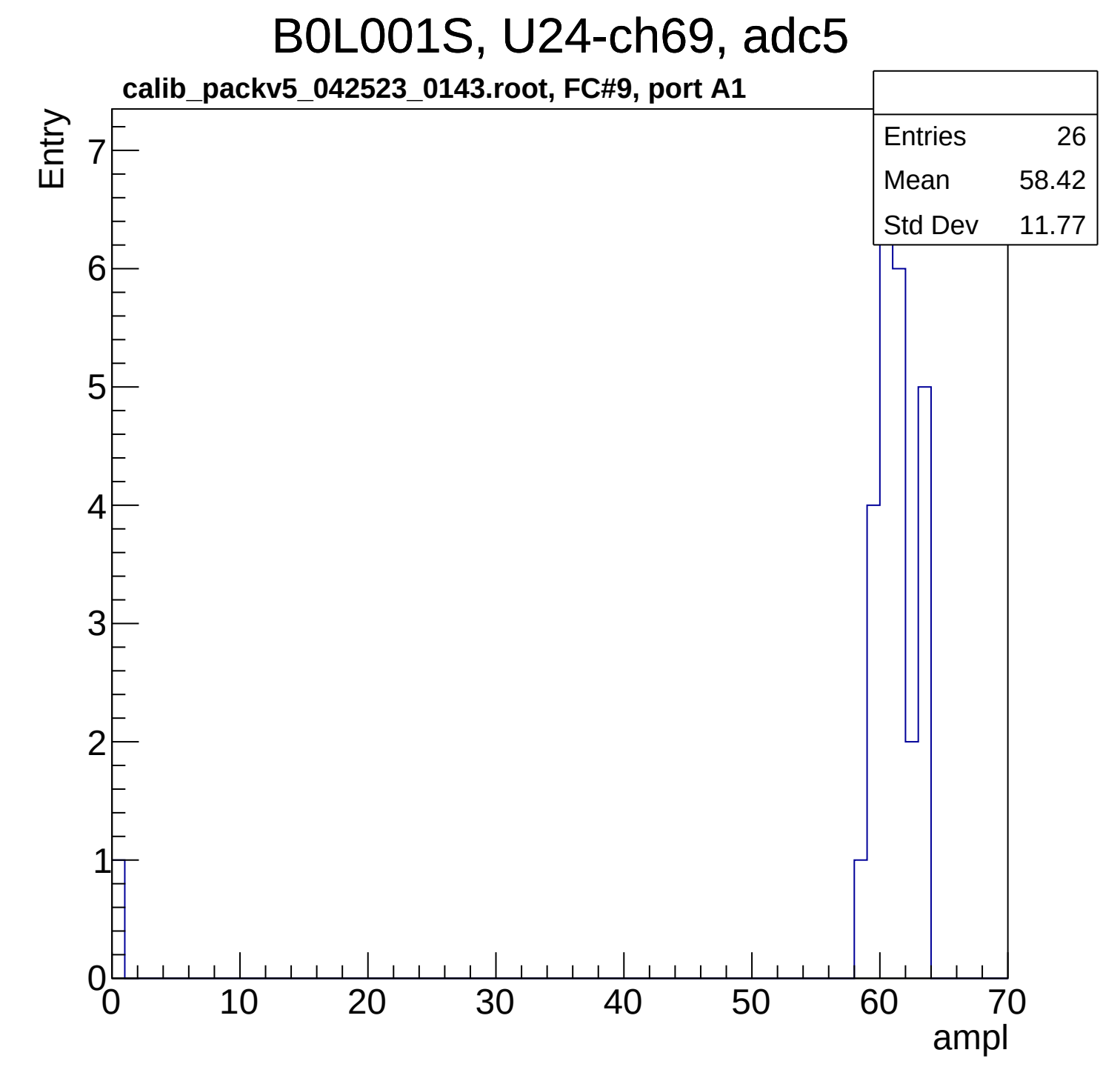
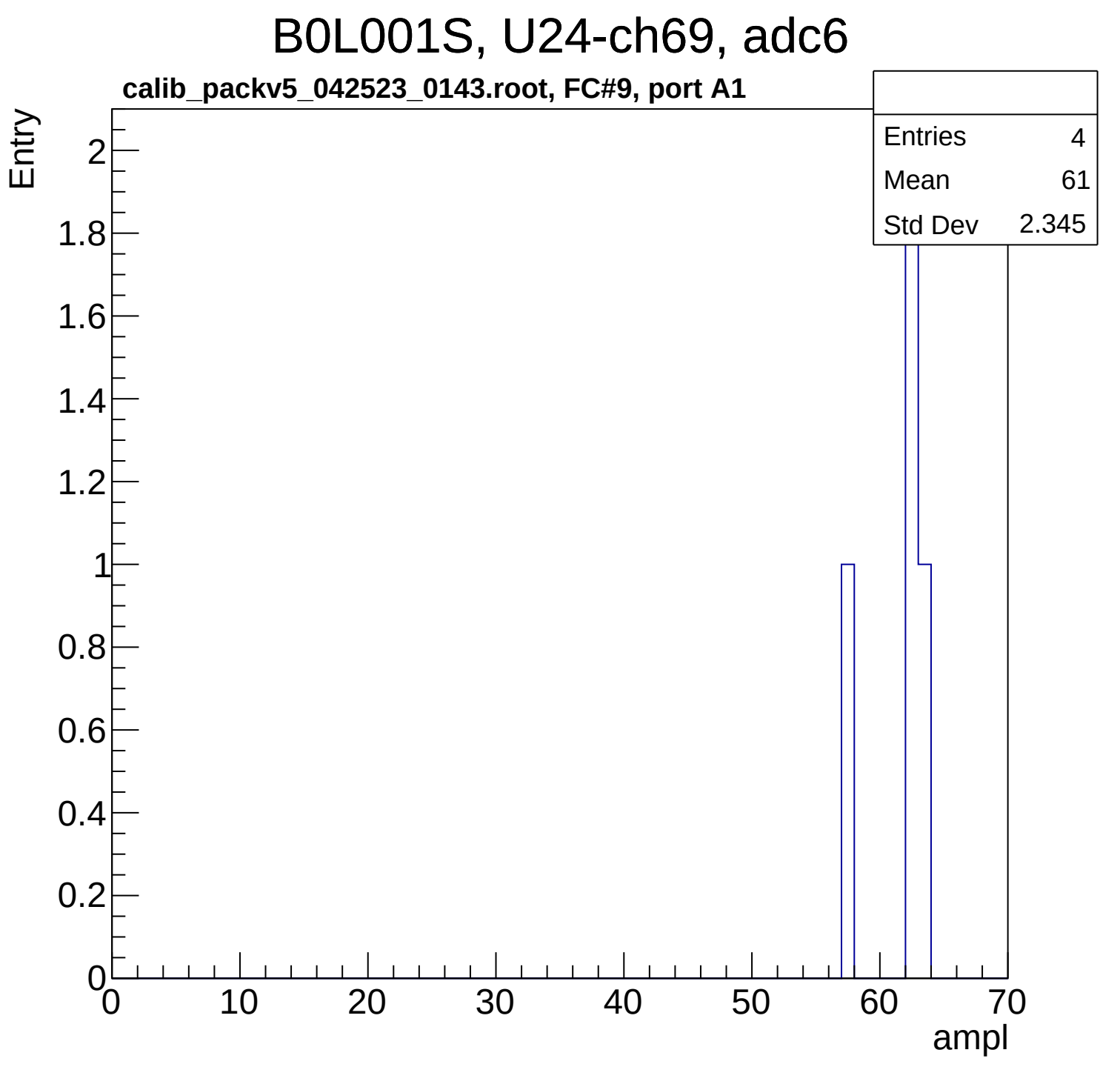

B0L001S, U24-ch69, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 58.42
Std Dev 11.77
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch69, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 61
Std Dev 2.345
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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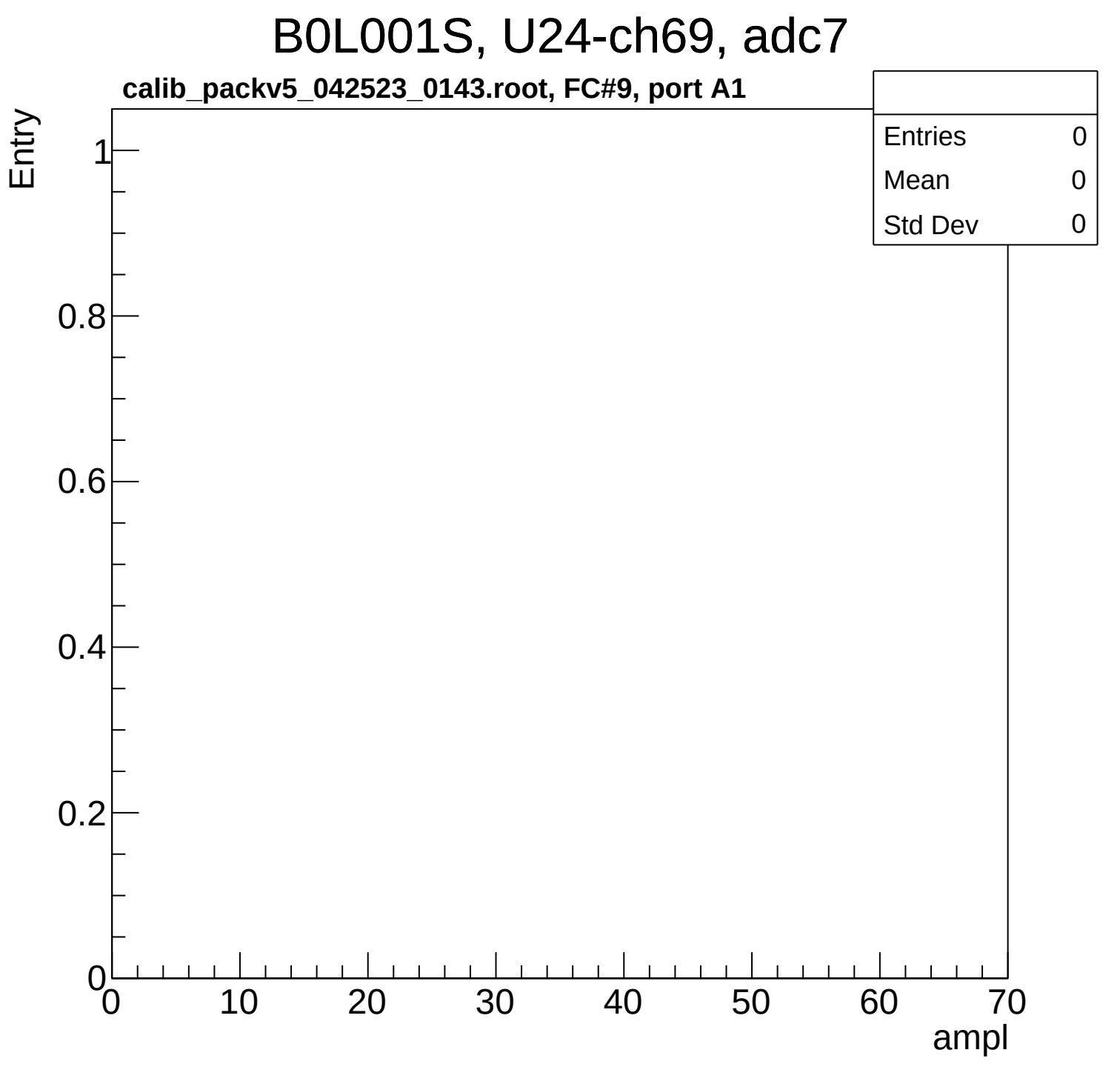
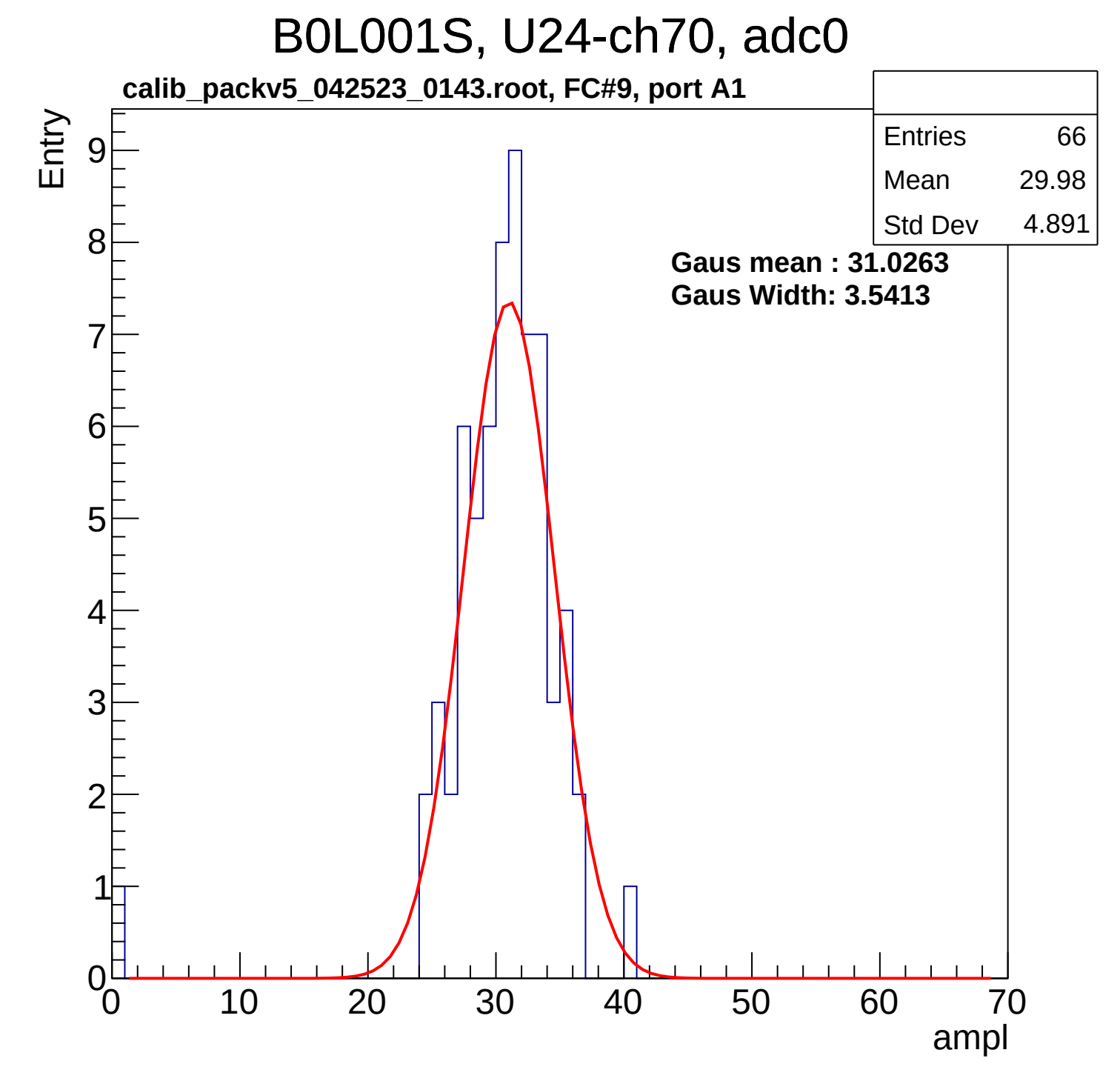

B0L001S, U24-ch69, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch70, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 29.98
Std Dev 4.891
Gaus mean : 31.0263
Gaus Width: 3.5413
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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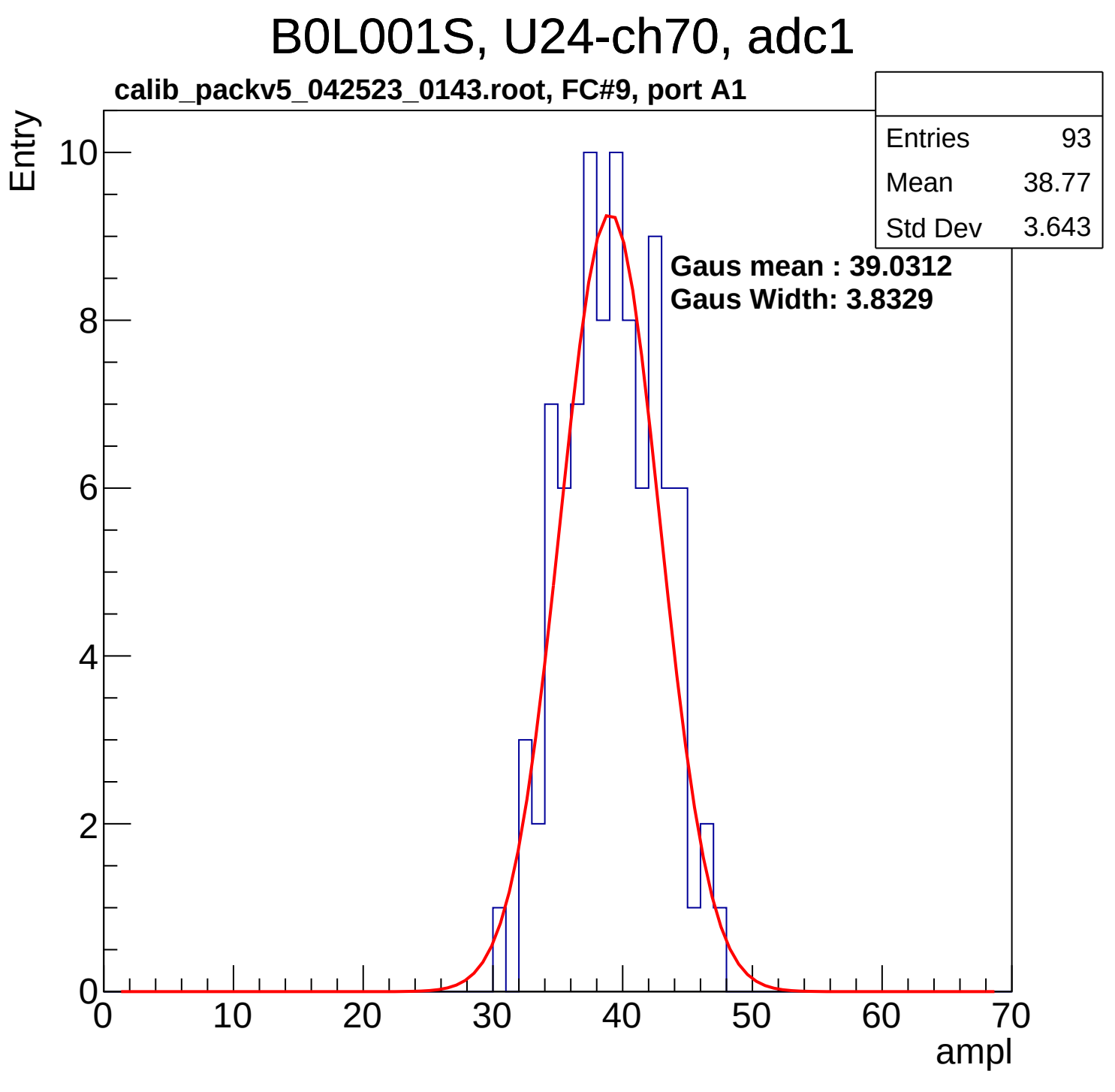
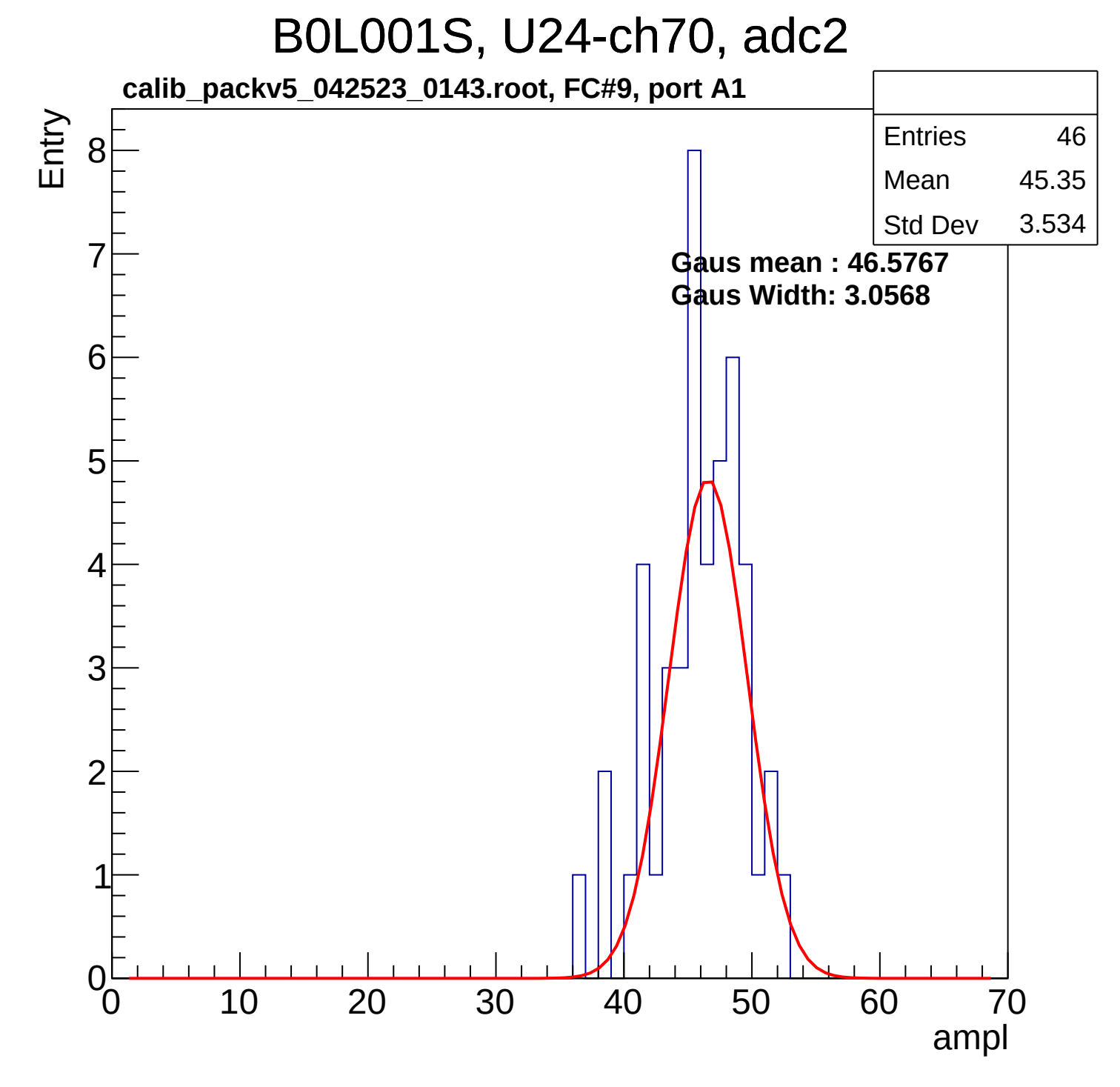
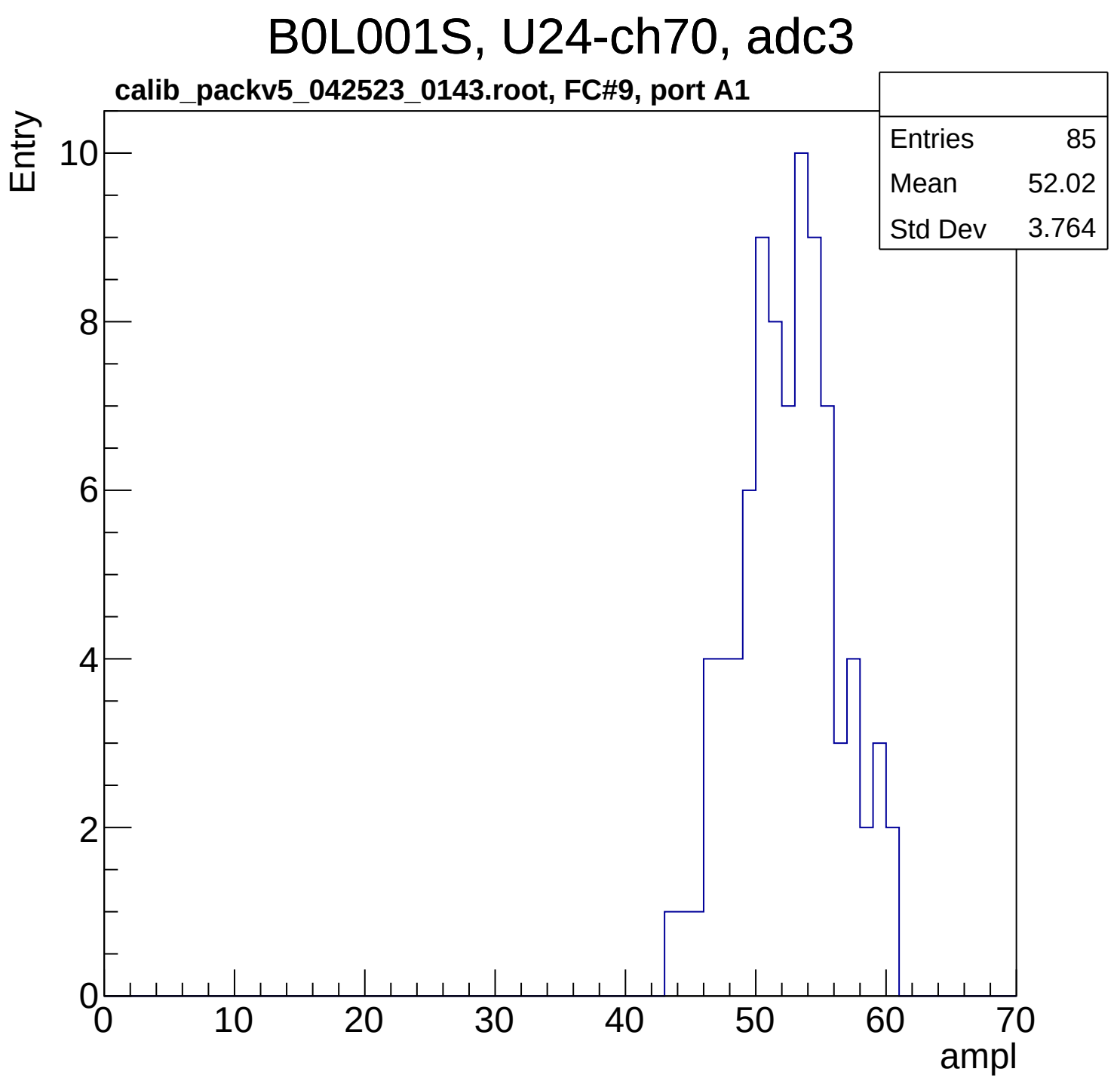
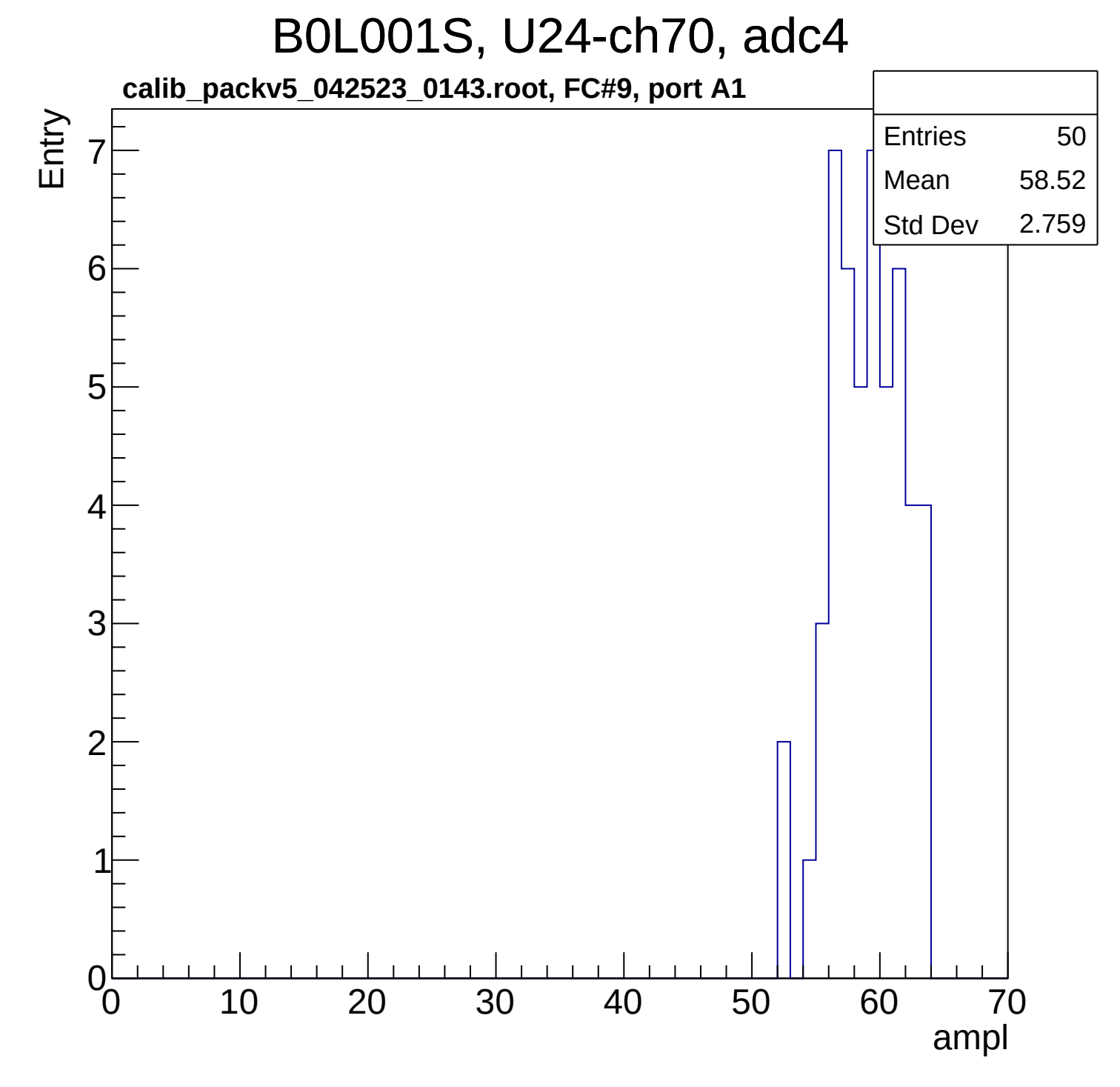
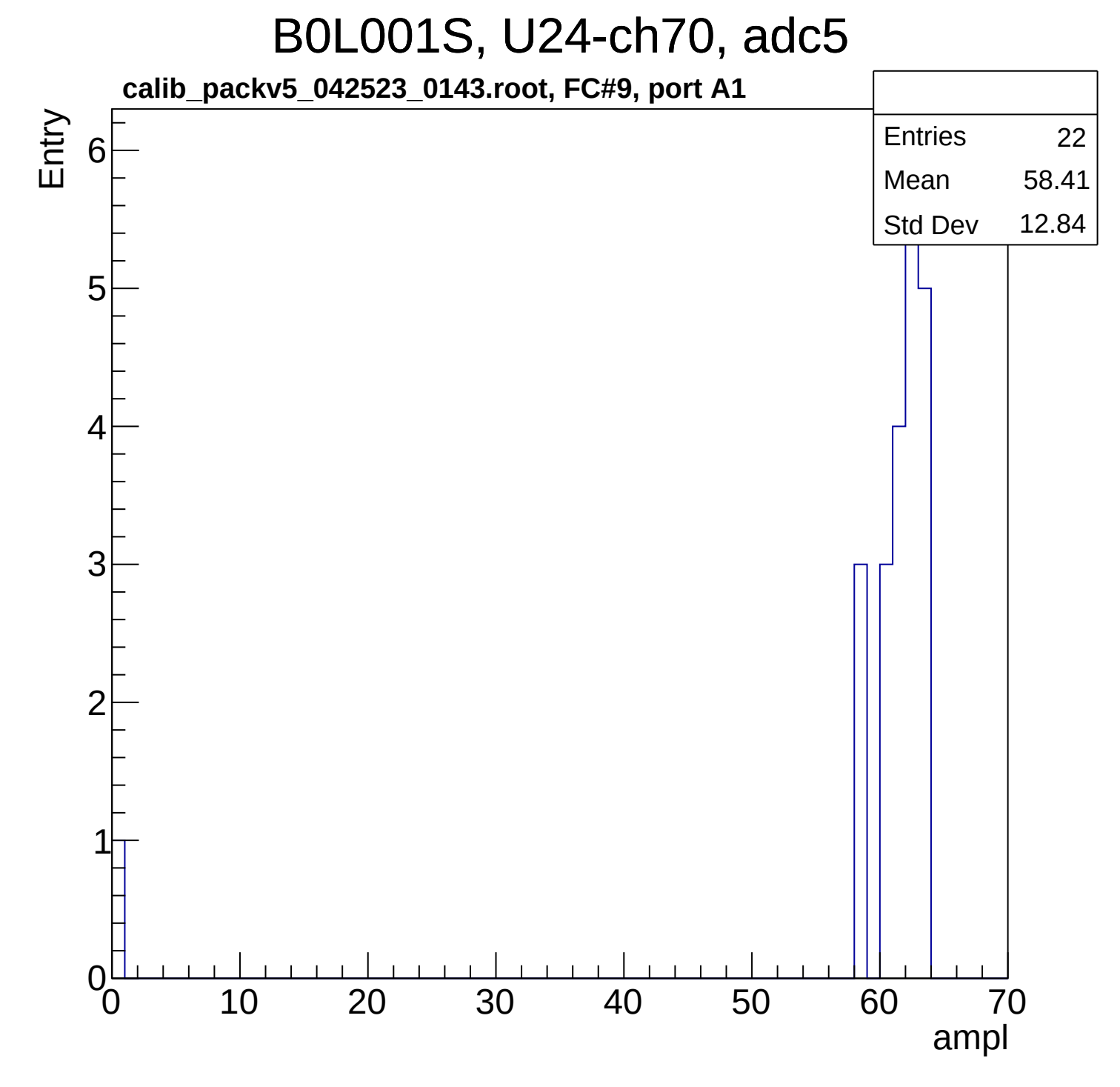
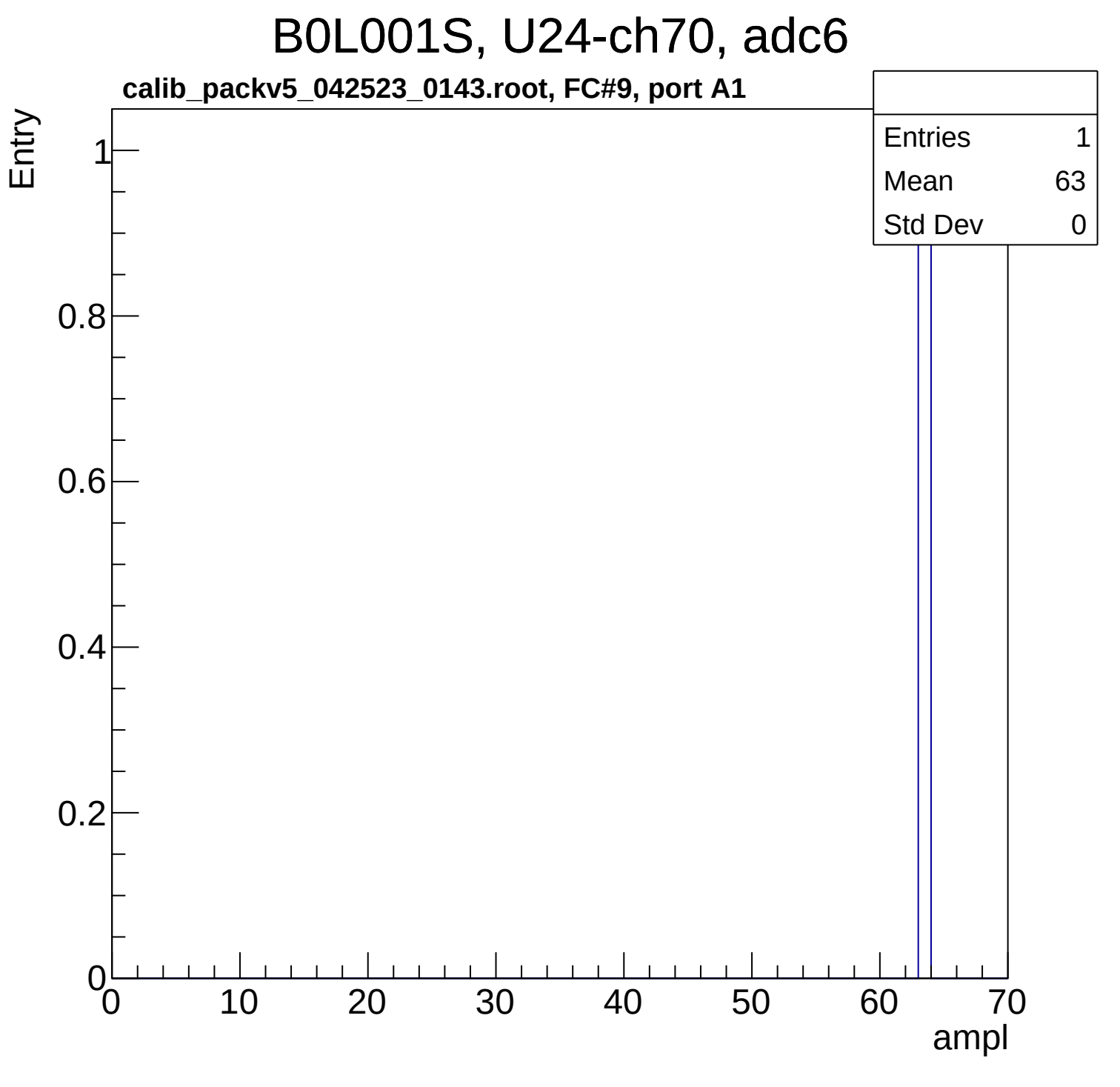

B0L001S, U24-ch70, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 93
Mean 38.77
Std Dev 3.643
Gaus mean : 39.0312
Gaus Width: 3.8329
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

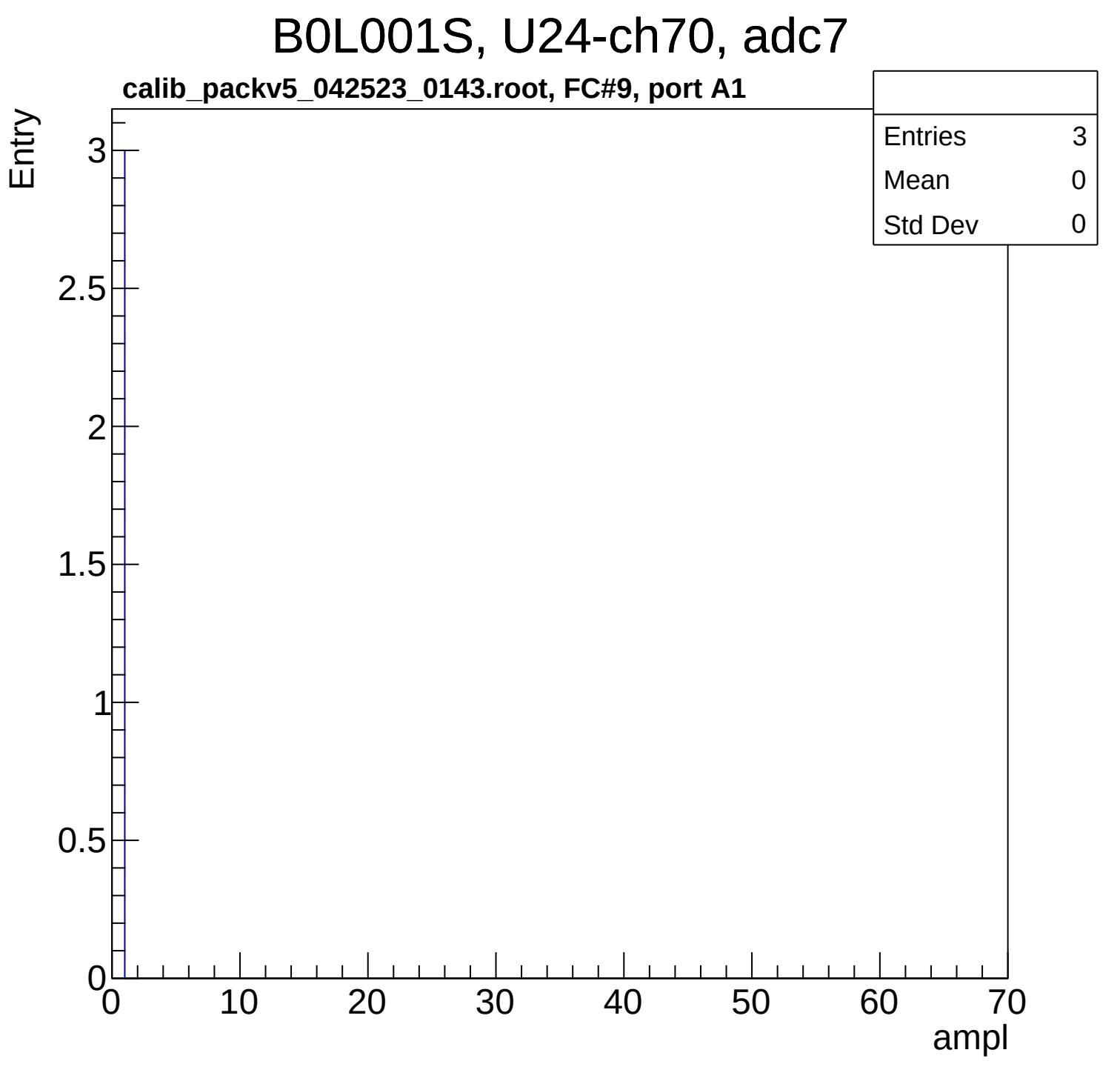

B0L001S, U24-ch70, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 45.35
Std Dev 3.534
Gaus mean : 46.5767
Gaus Width: 3.0568
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

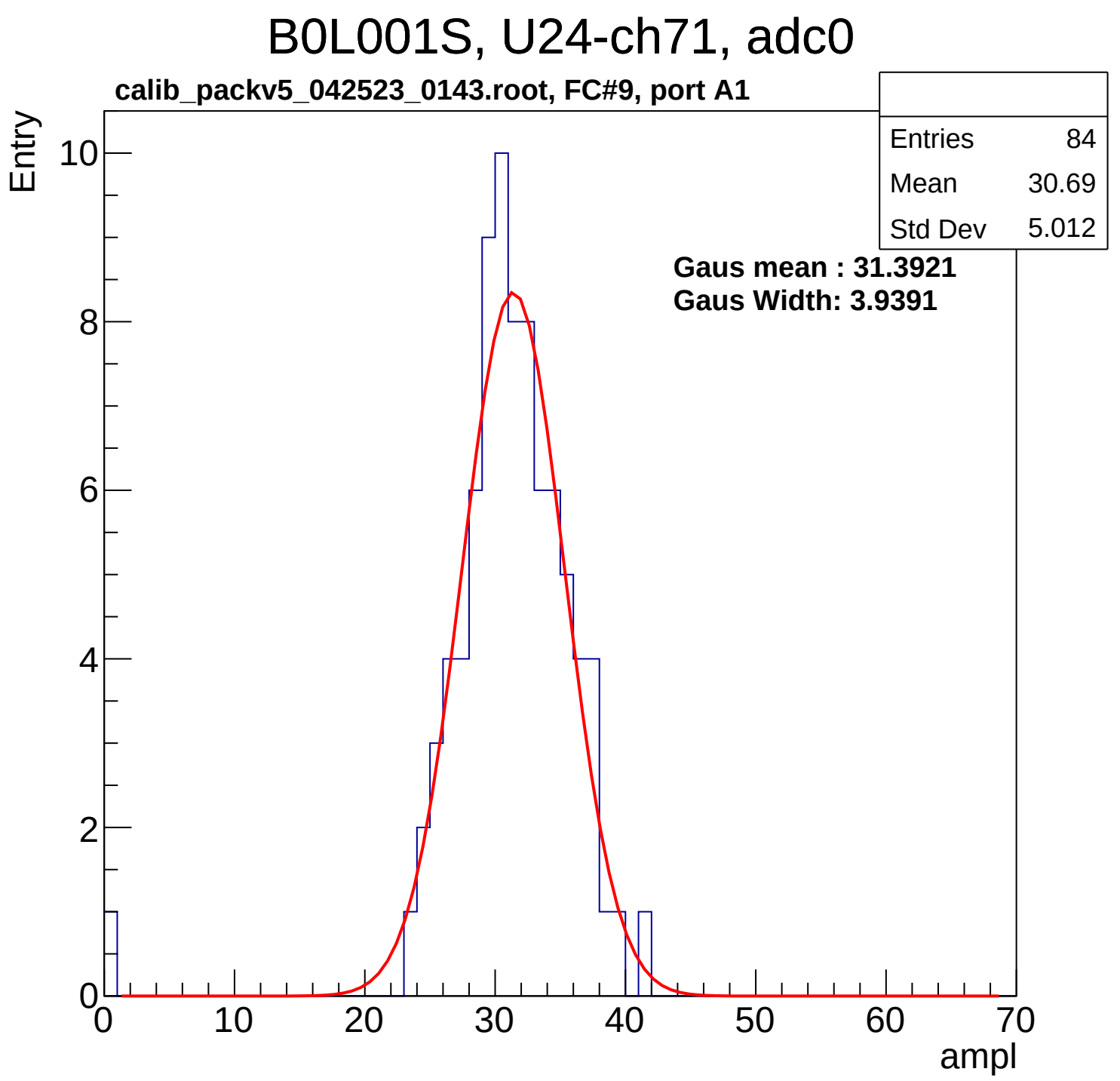

B0L001S, U24-ch70, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 85
Mean 52.02
Std Dev 3.764
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

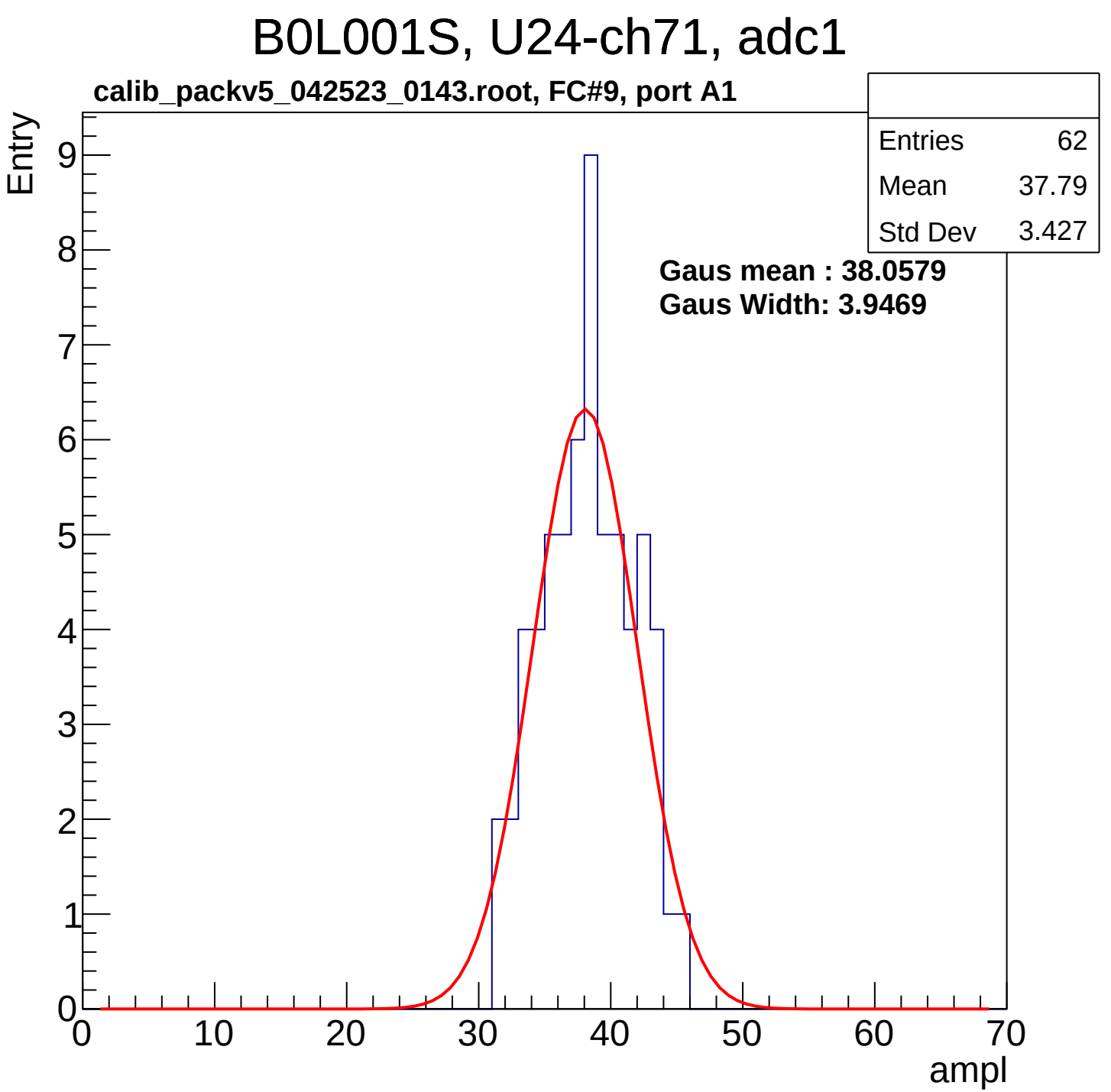

B0L001S, U24-ch70, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 58.52
Std Dev 2.759
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

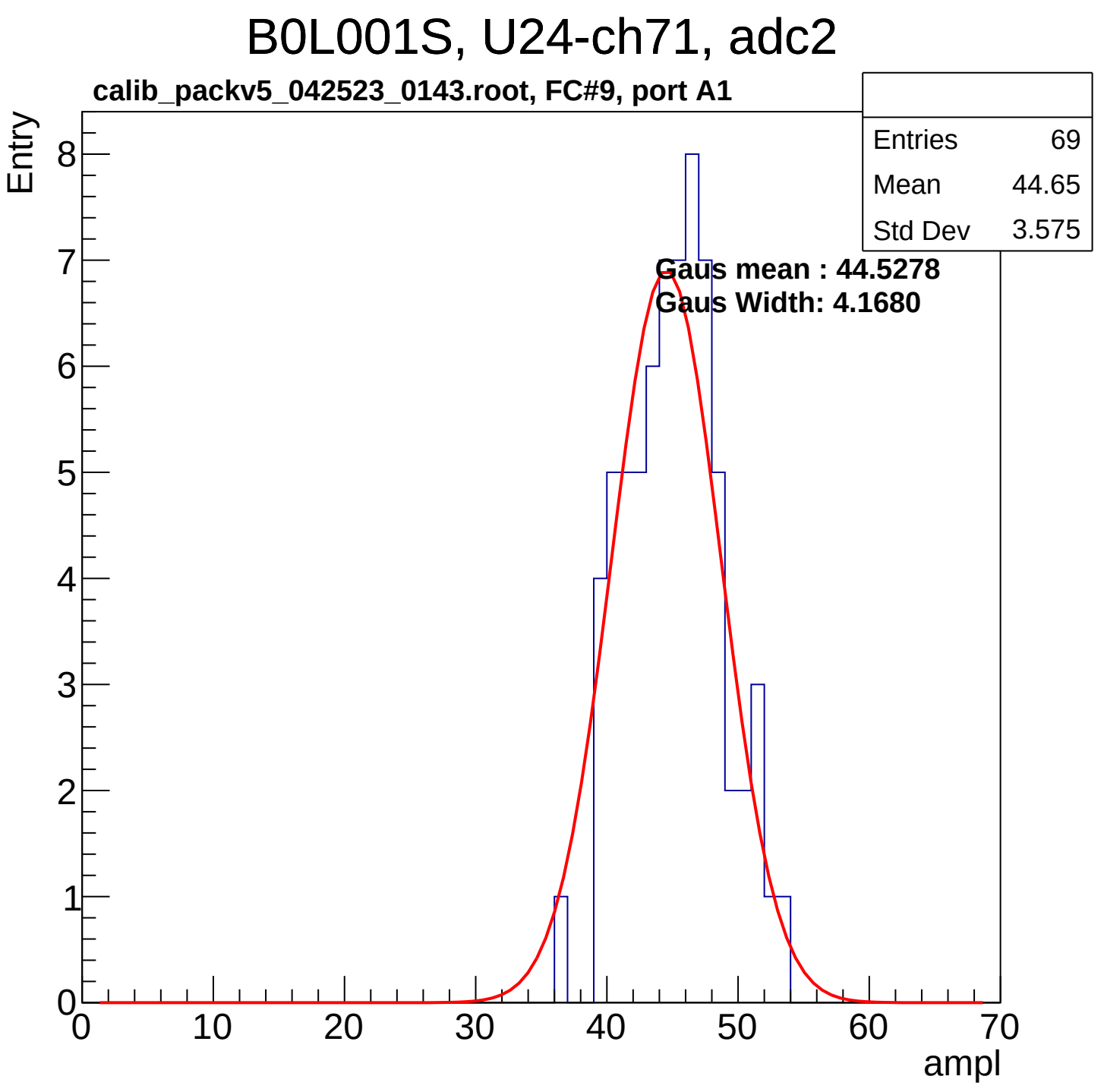

B0L001S, U24-ch70, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 22
Mean 58.41
Std Dev 12.84
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

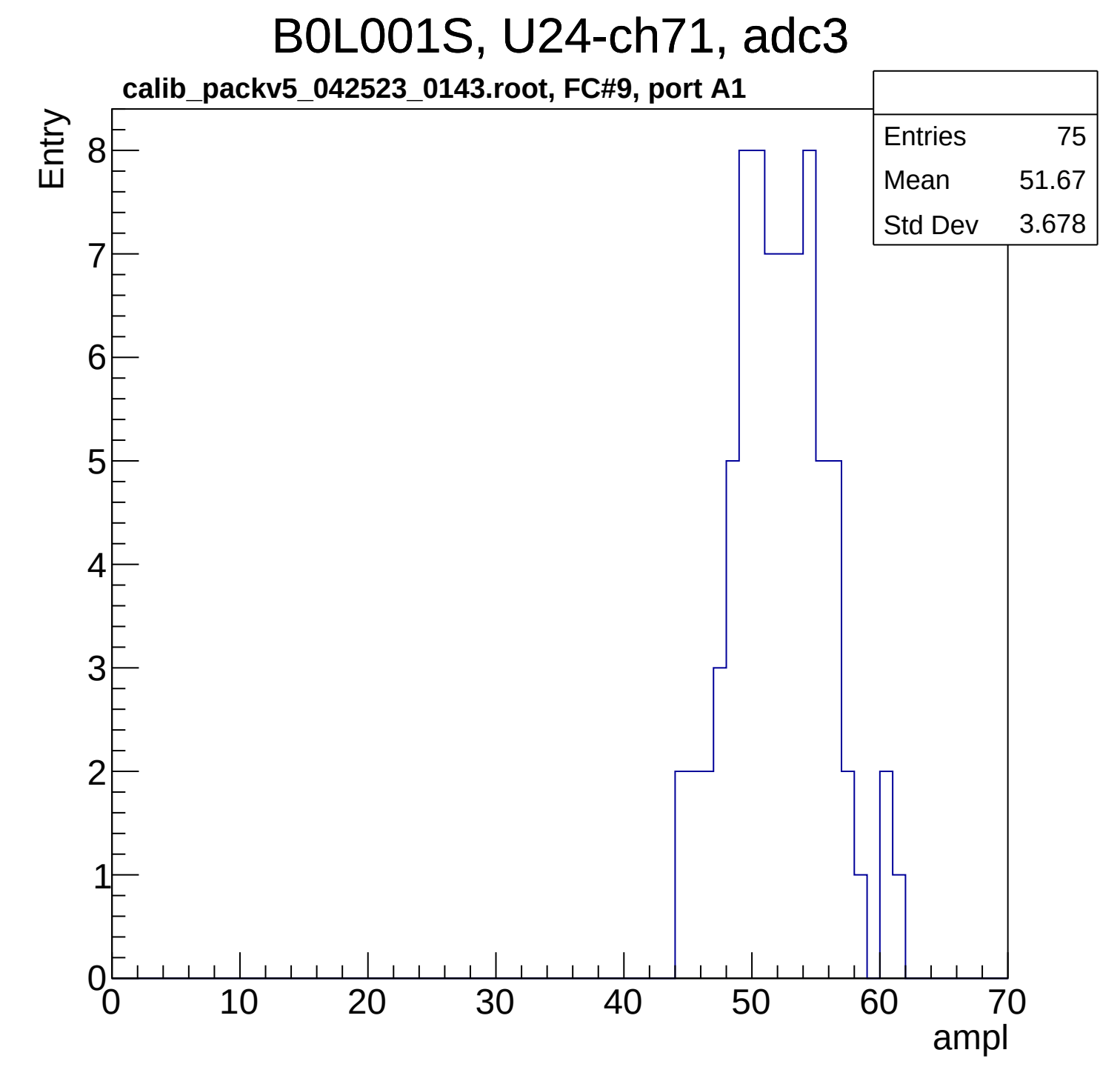

B0L001S, U24-ch70, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch70, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch71, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 30.69
Std Dev 5.012
Gaus mean : 31.3921
Gaus Width: 3.9391
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch71, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 37.79
Std Dev 3.427
Gaus mean : 38.0579
Gaus Width: 3.9469
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch71, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 44.65
Std Dev 3.575
Gaus mean : 44.5278
Gaus Width: 4.1680
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch71, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 51.67
Std Dev 3.678
Entry
ampl
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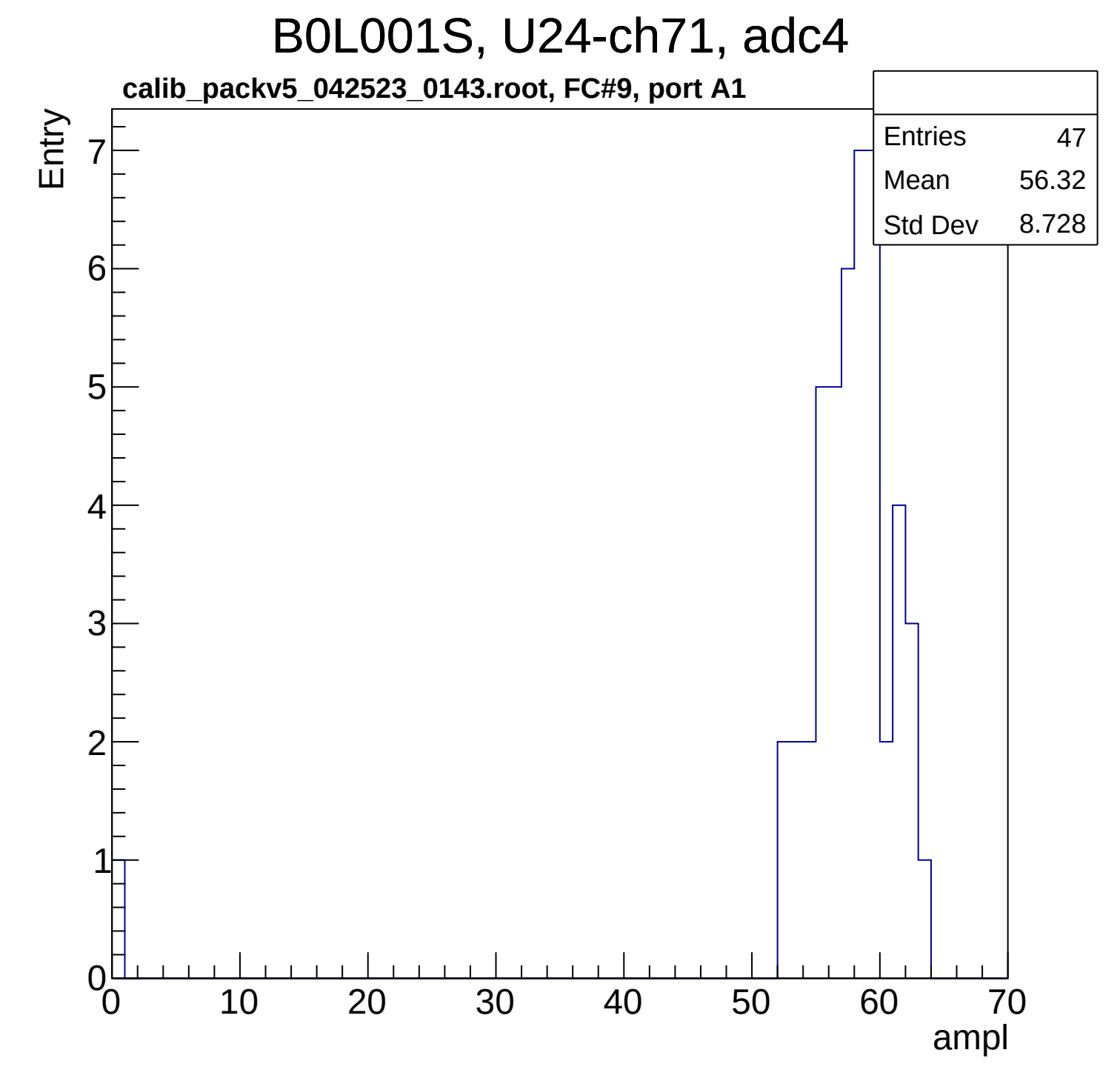
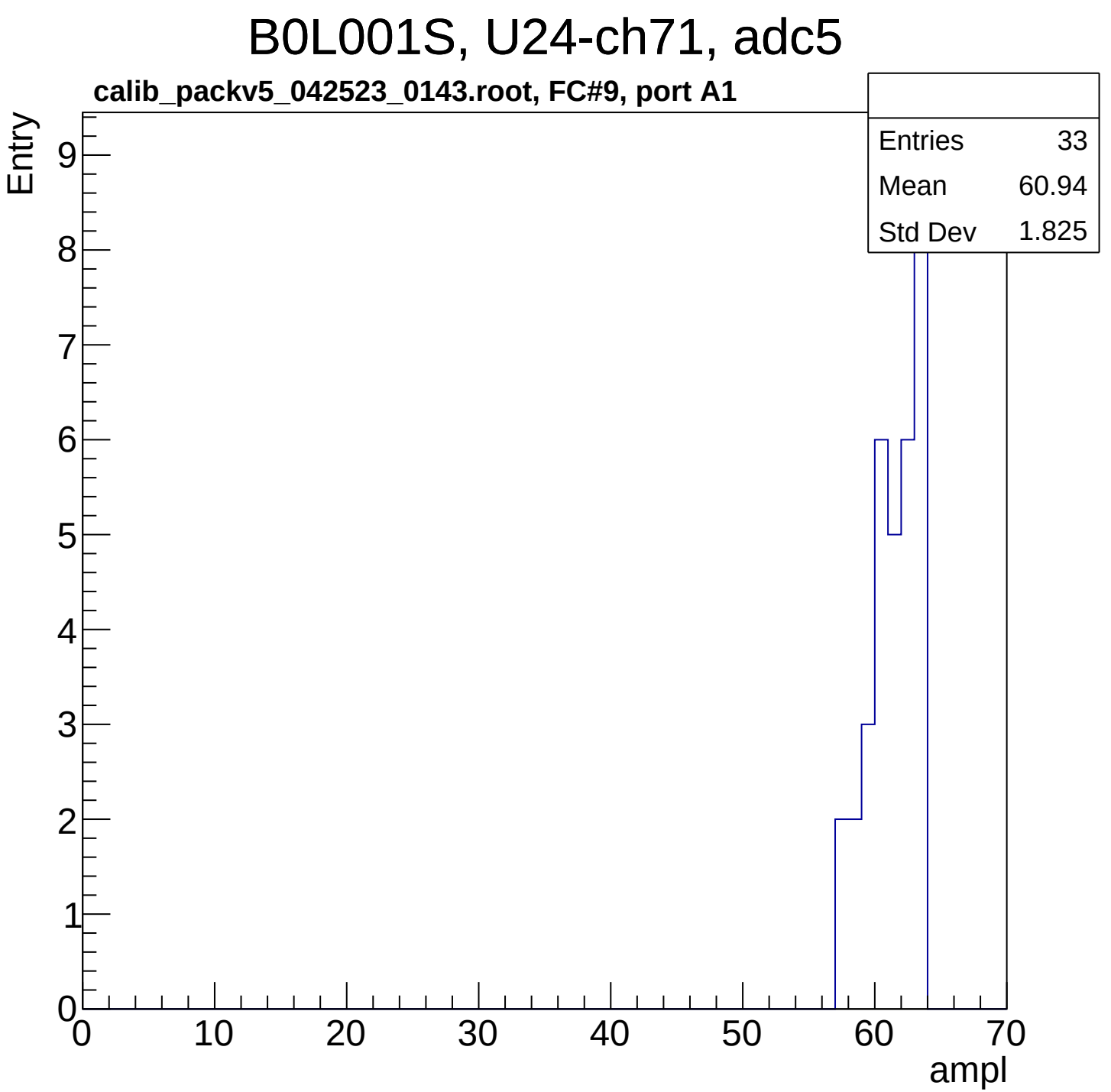
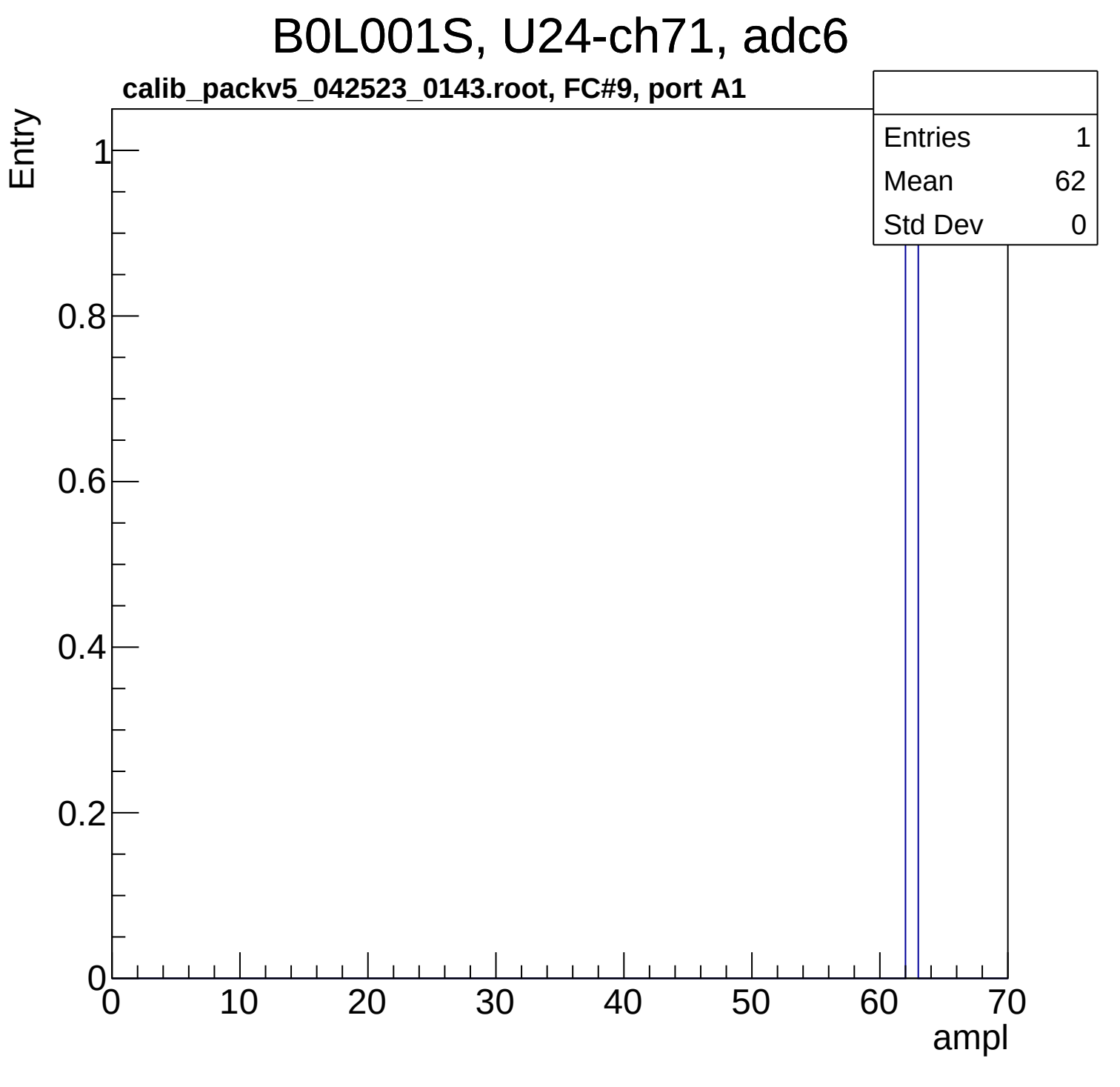
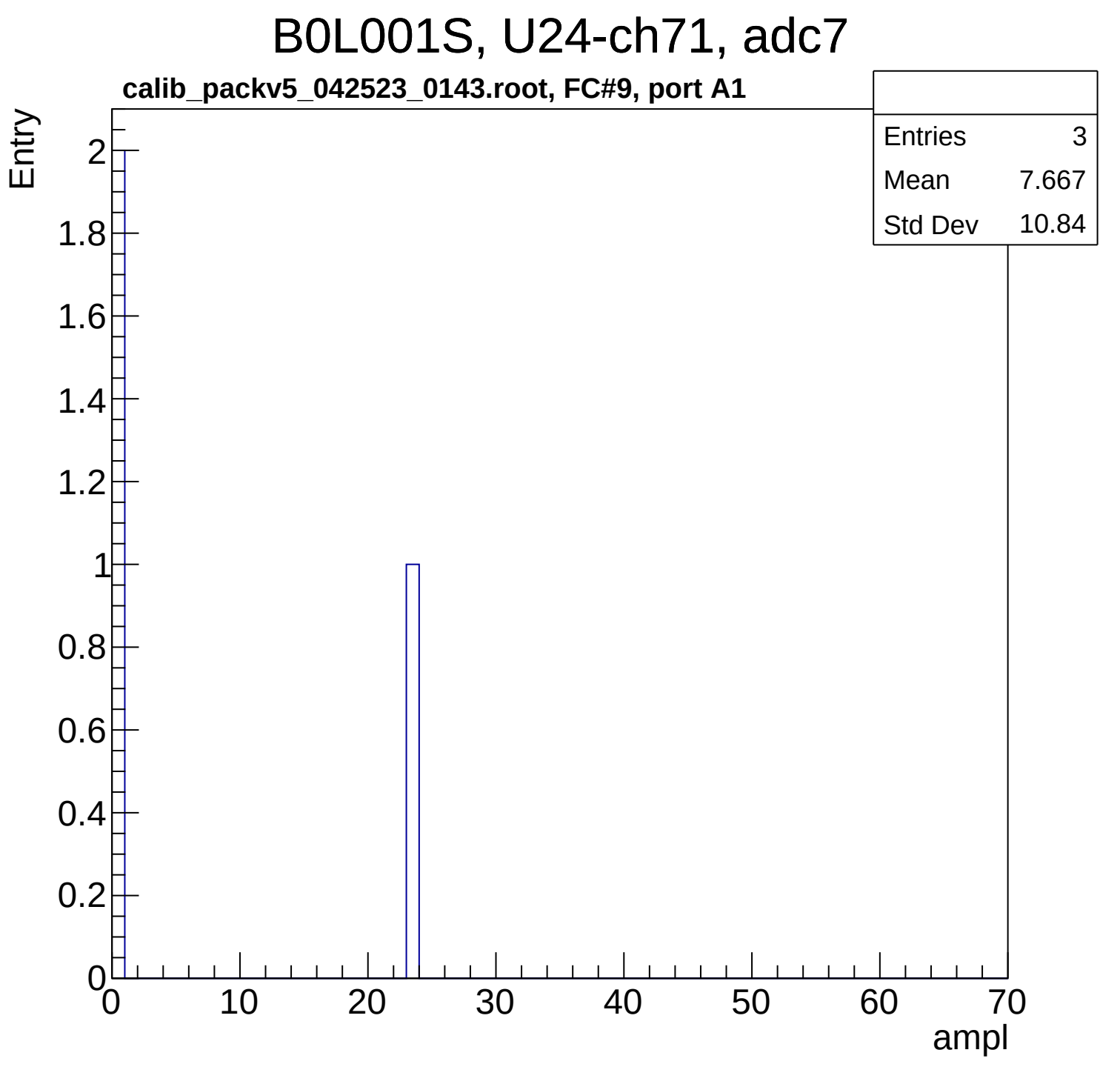
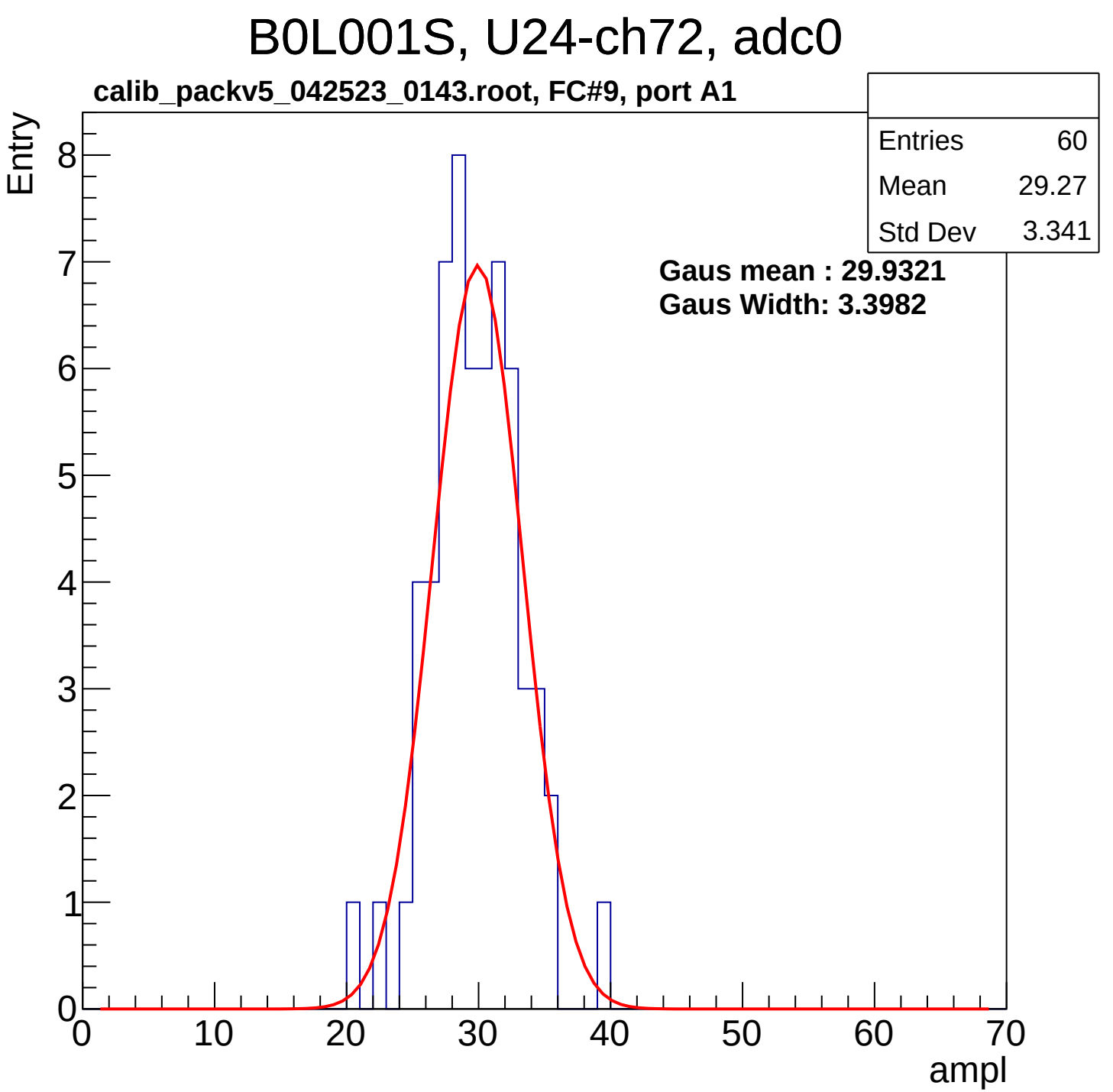
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

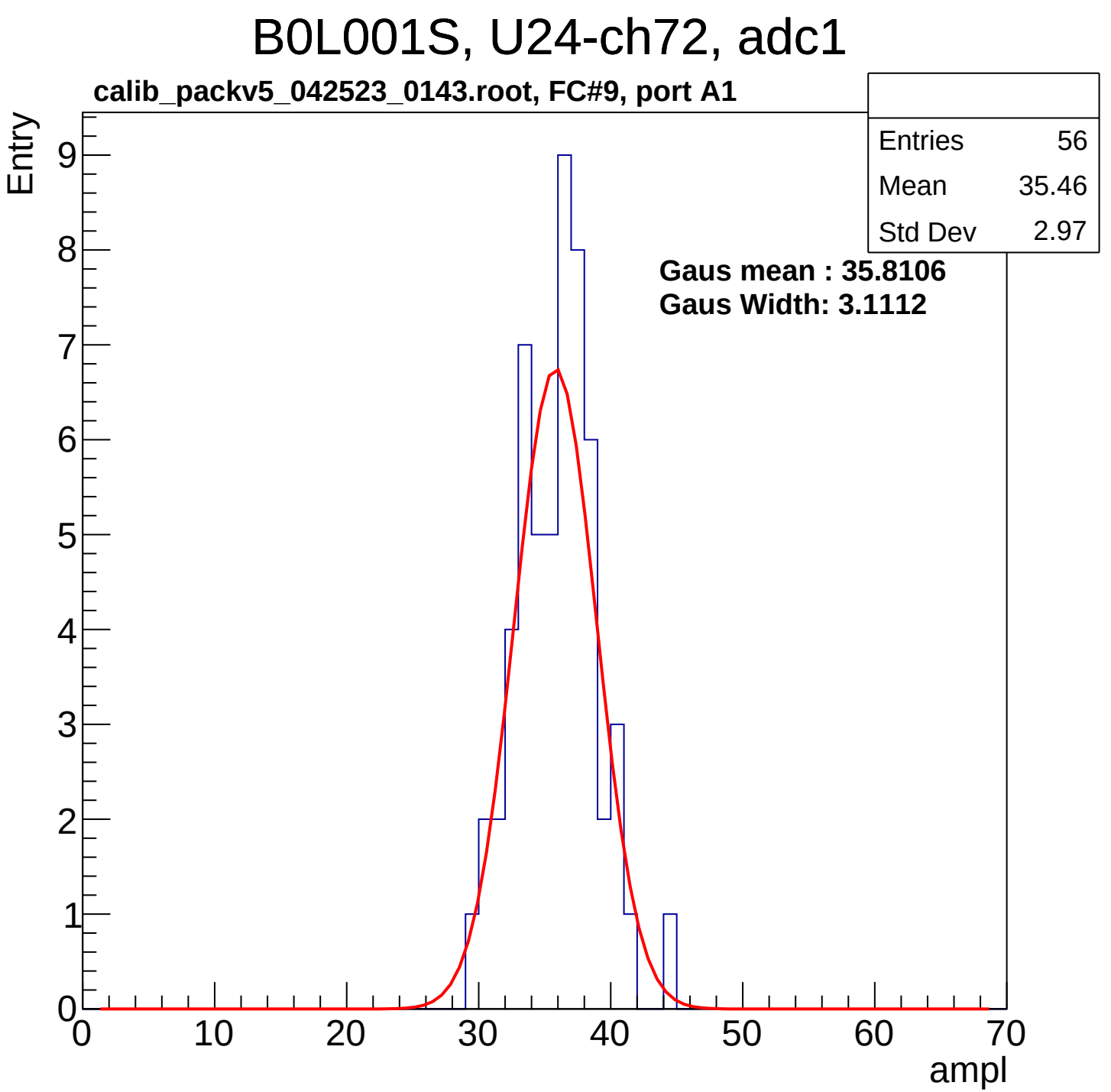

B0L001S, U24-ch71, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 56.32
Std Dev 8.728
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

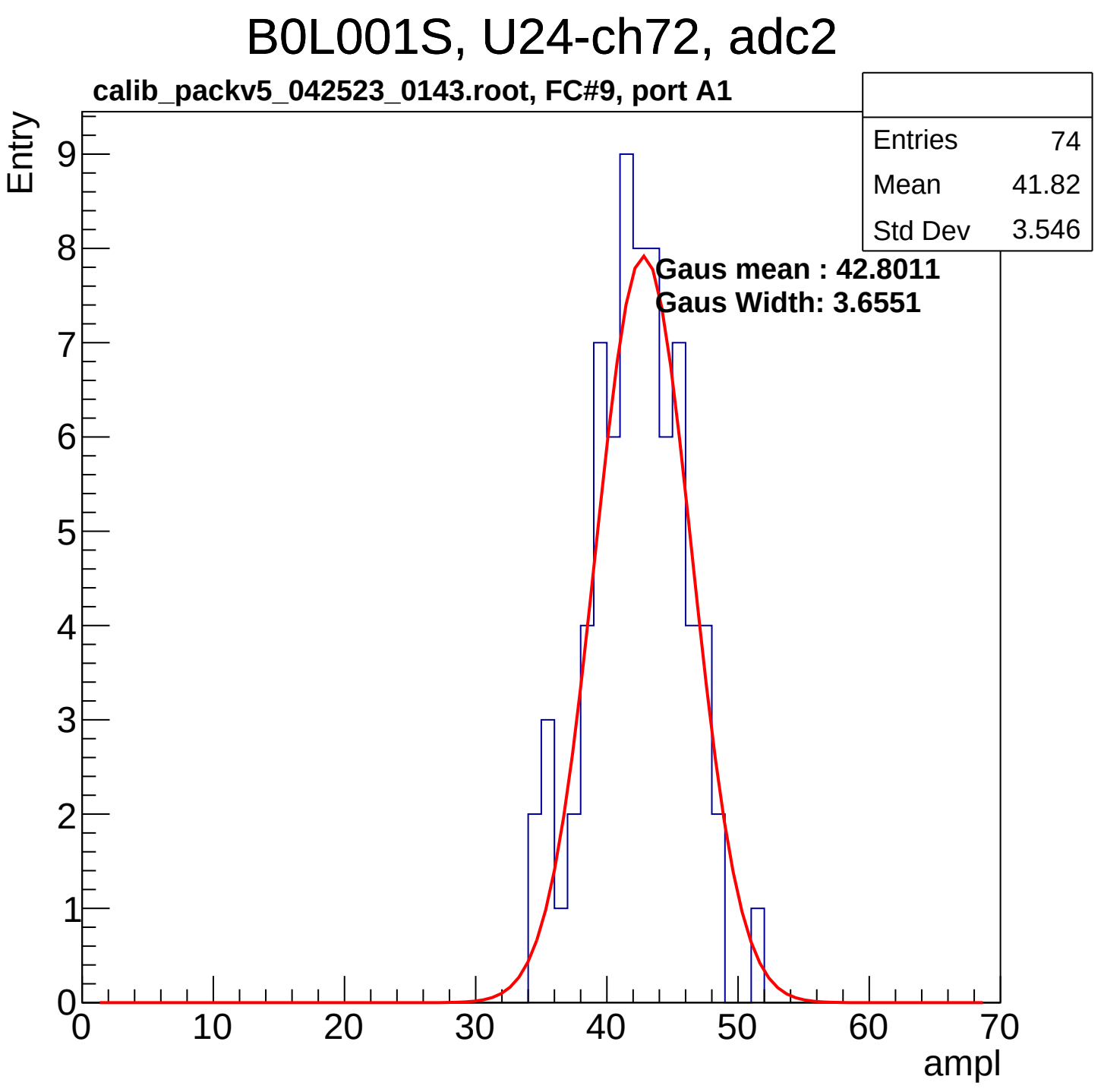

B0L001S, U24-ch71, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 60.94
Std Dev 1.825
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

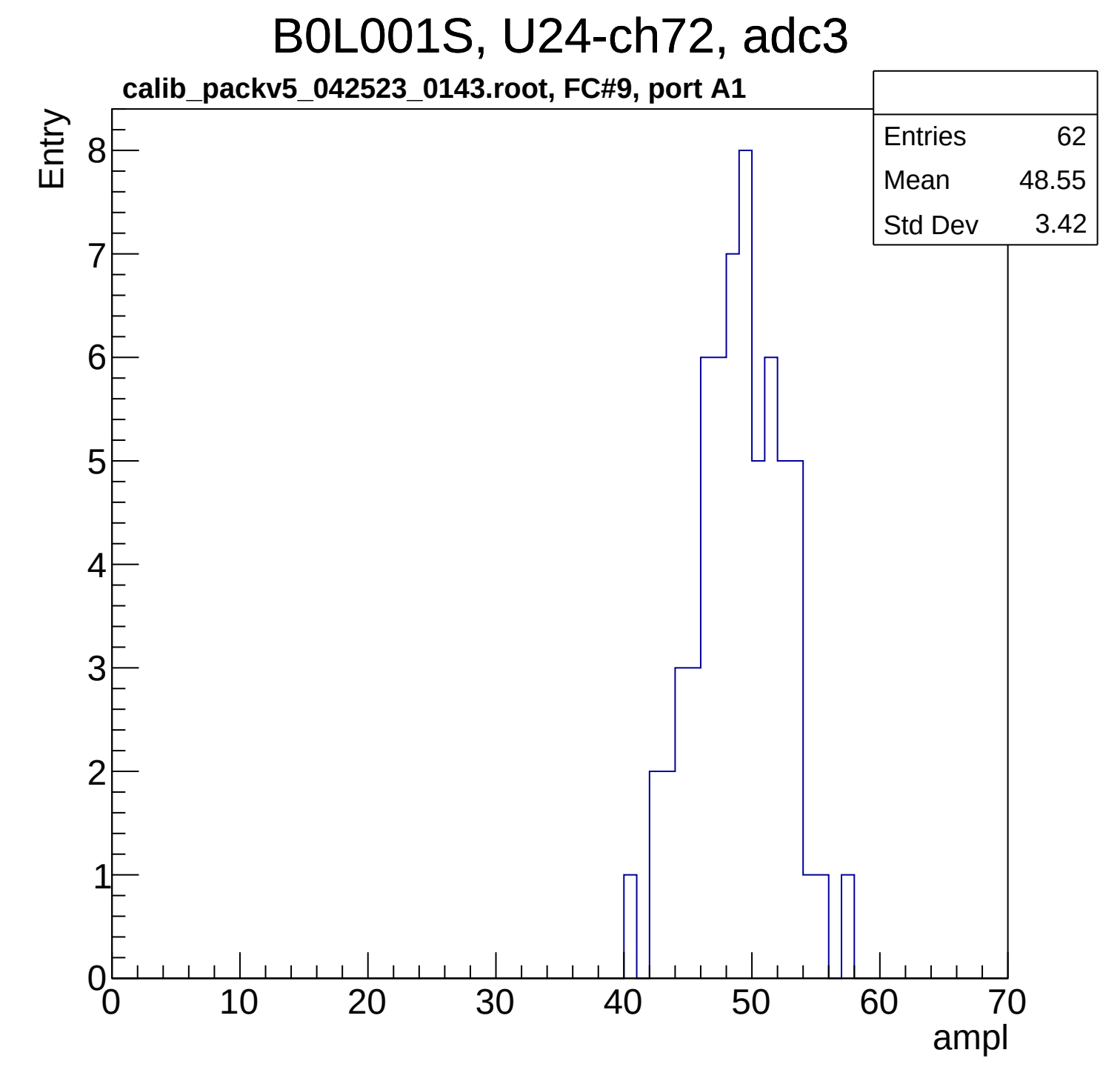

B0L001S, U24-ch71, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch71, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.667
Std Dev 10.84
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch72, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 29.27
Std Dev 3.341
Gaus mean : 29.9321
Gaus Width: 3.3982
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch72, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 35.46
Std Dev 2.97
Gaus mean : 35.8106
Gaus Width: 3.1112
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch72, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 41.82
Std Dev 3.546
Gaus mean : 42.8011
Gaus Width: 3.6551
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch72, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 48.55
Std Dev 3.42
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
30
40
50
60
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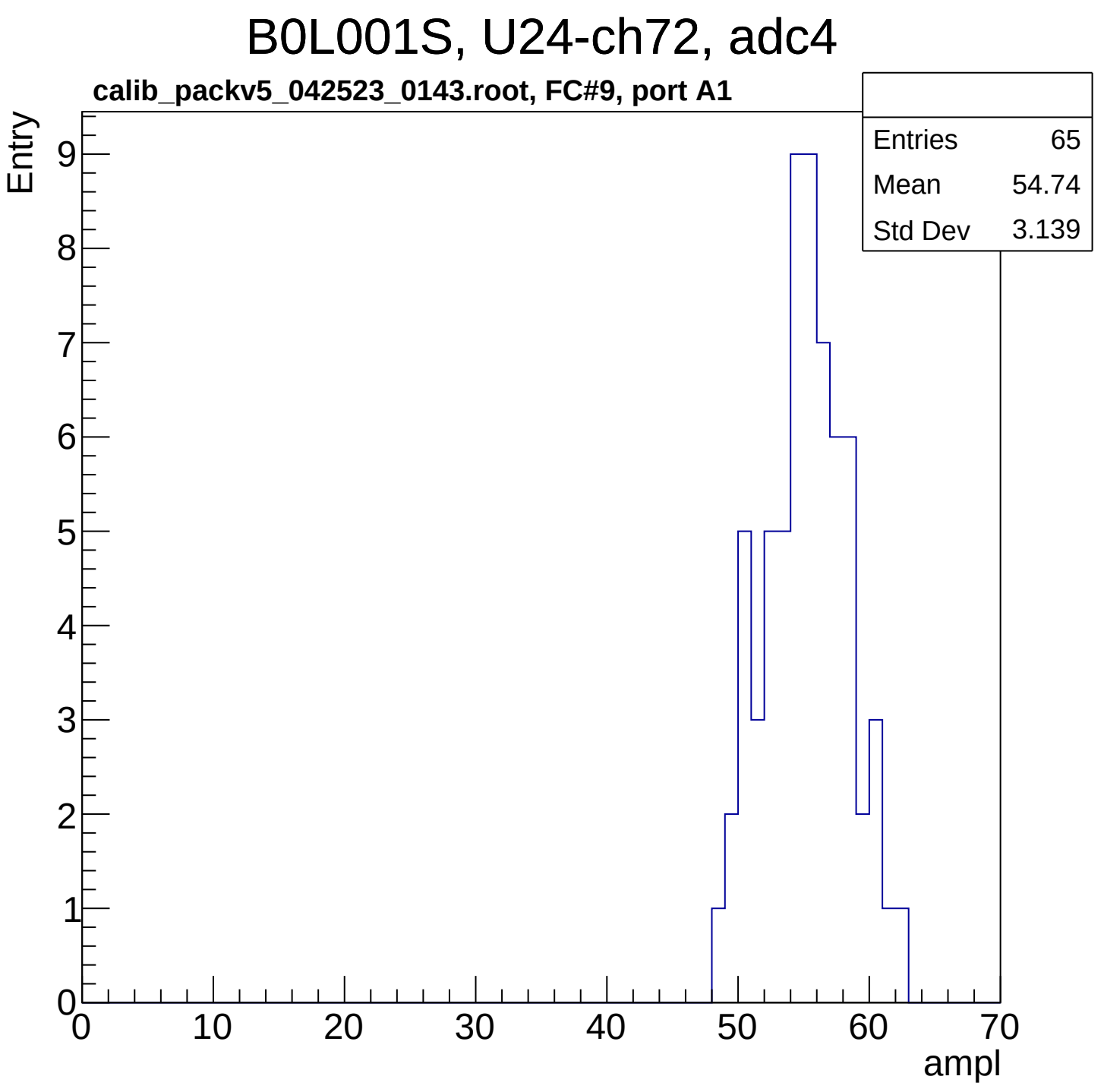
B0L001S, U24-ch72, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 54.74
Std Dev 3.139
Entry
ampl
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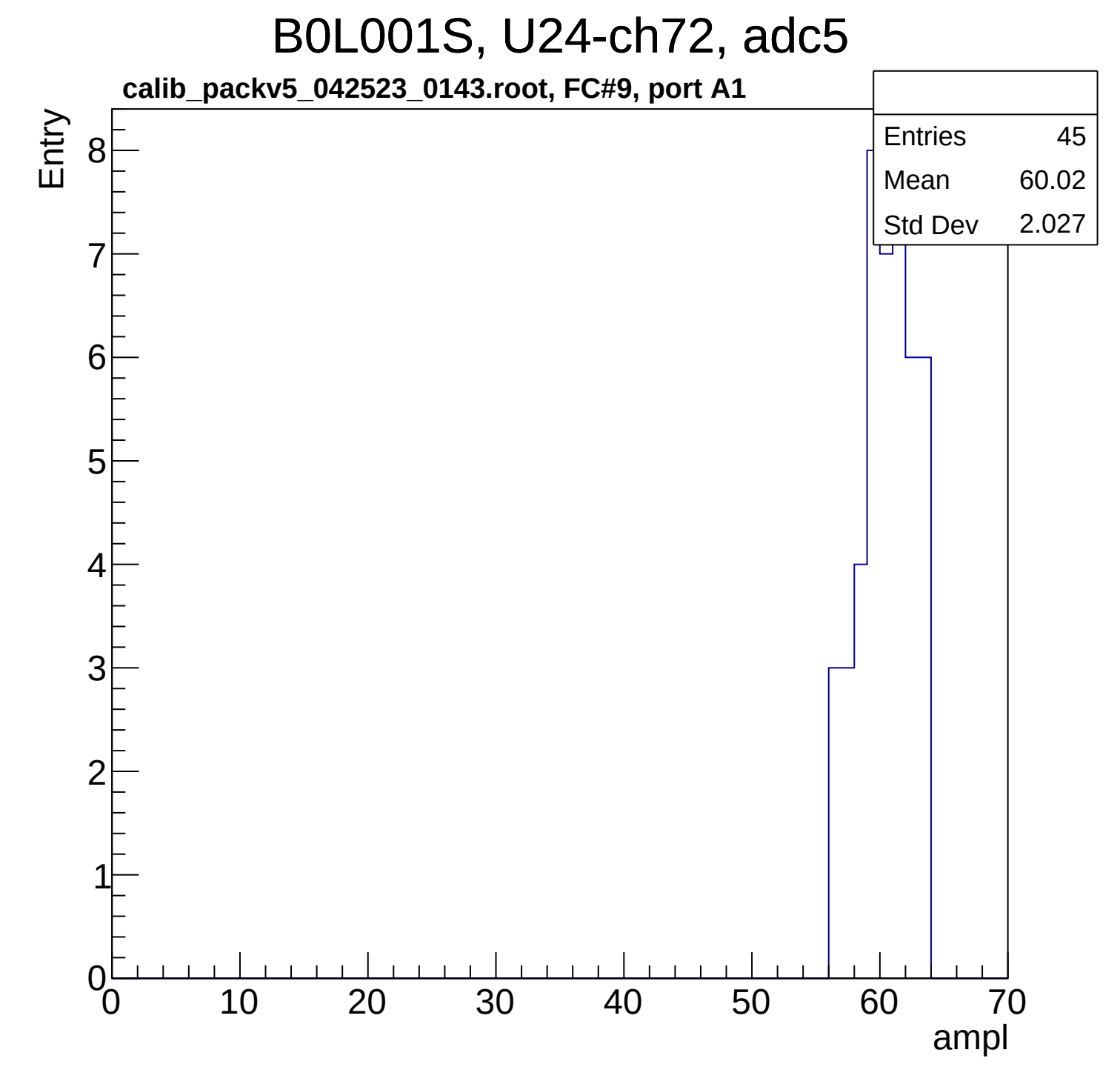
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch72, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 60.02
Std Dev 2.027
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
50
60
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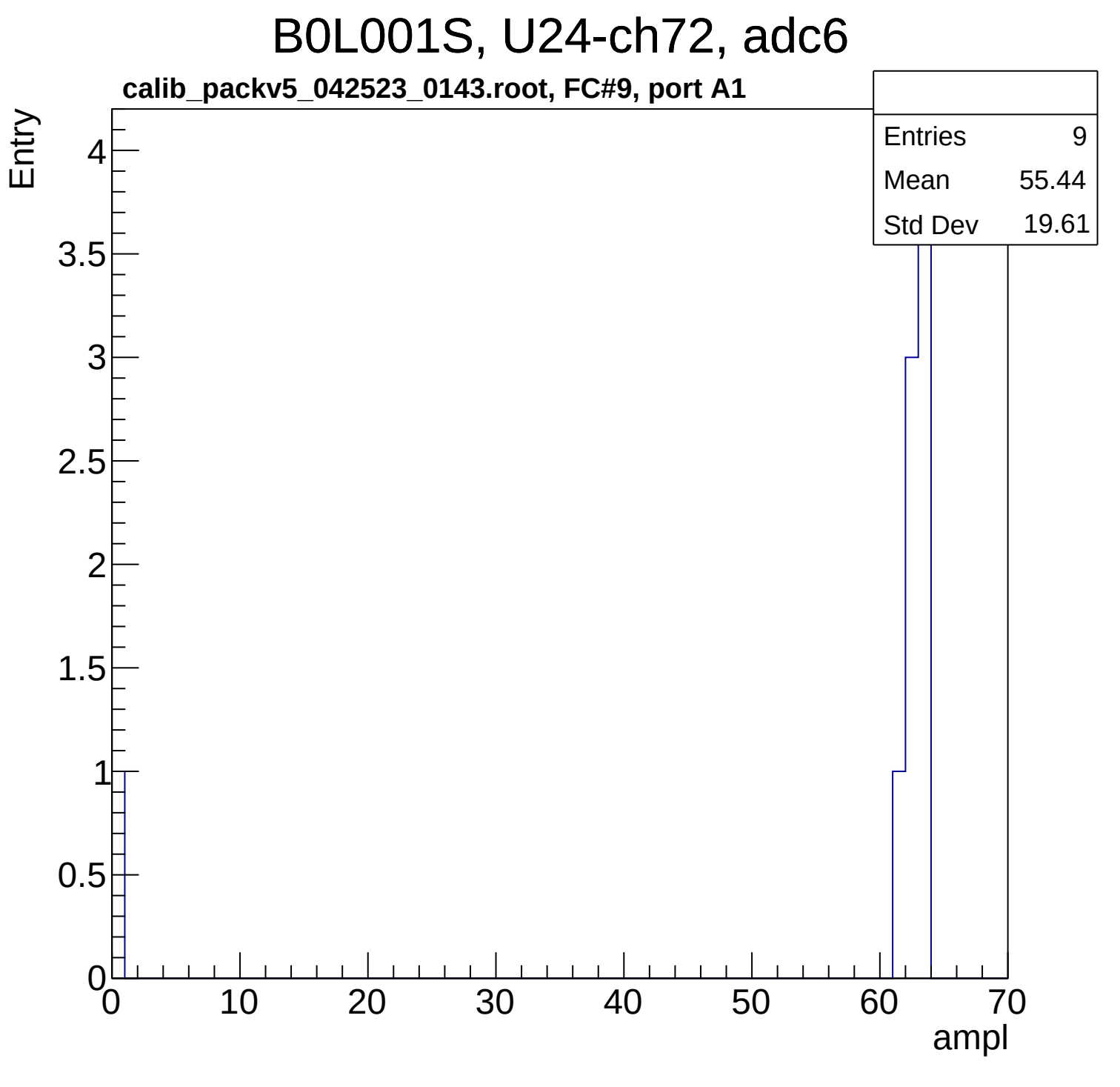
B0L001S, U24-ch72, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 9
Mean 55.44
Std Dev 19.61
Entry
ampl
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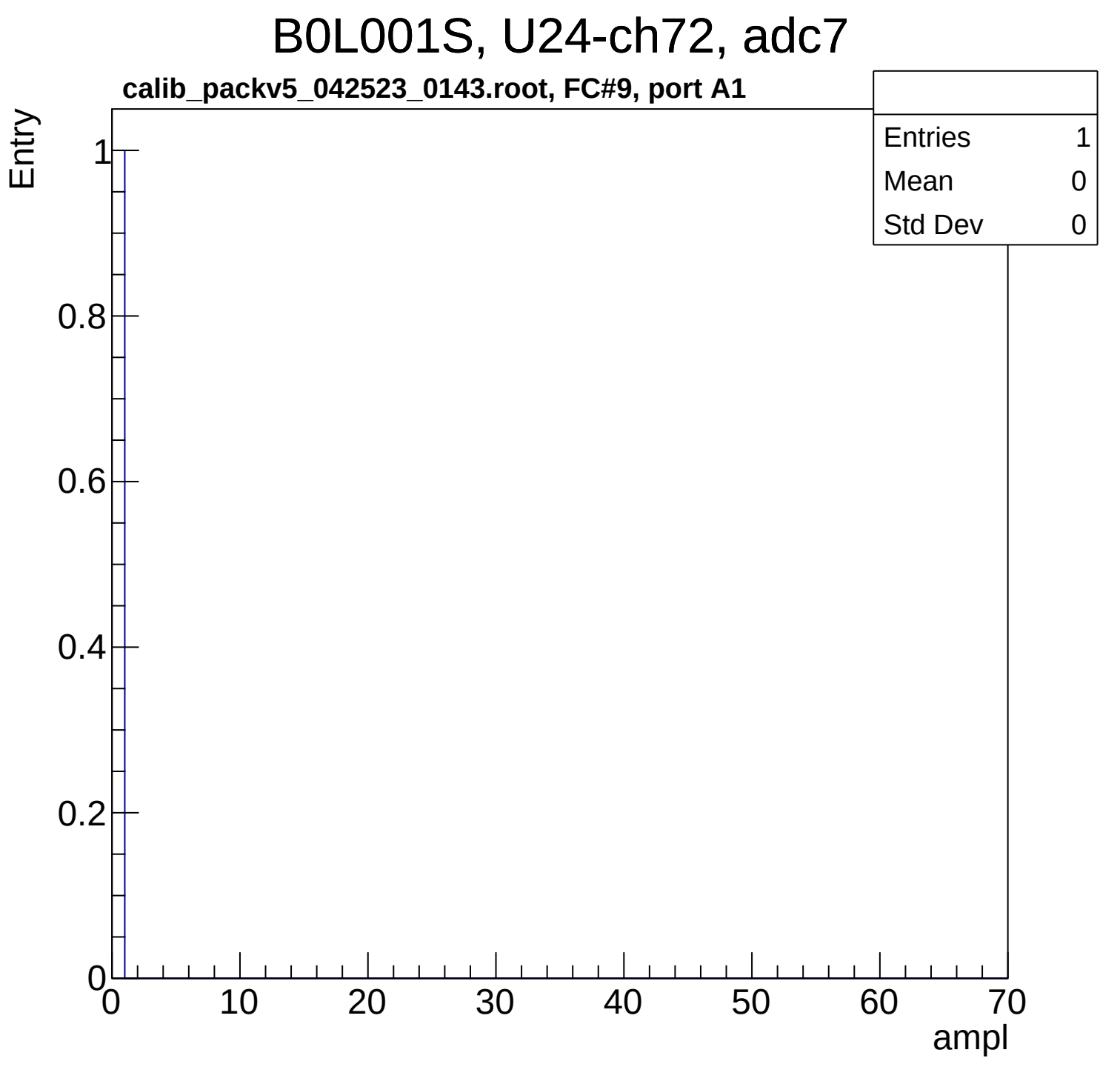
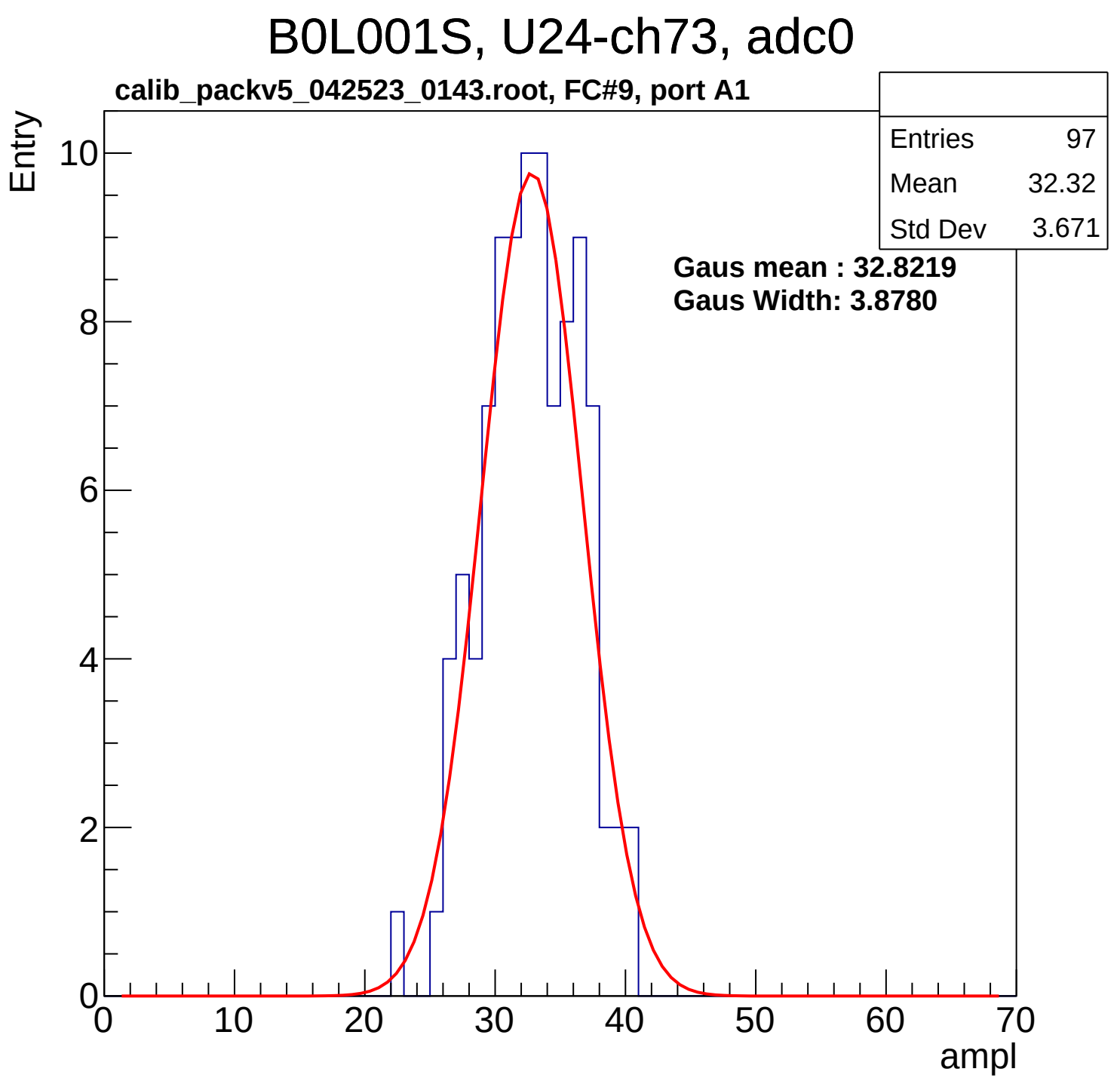
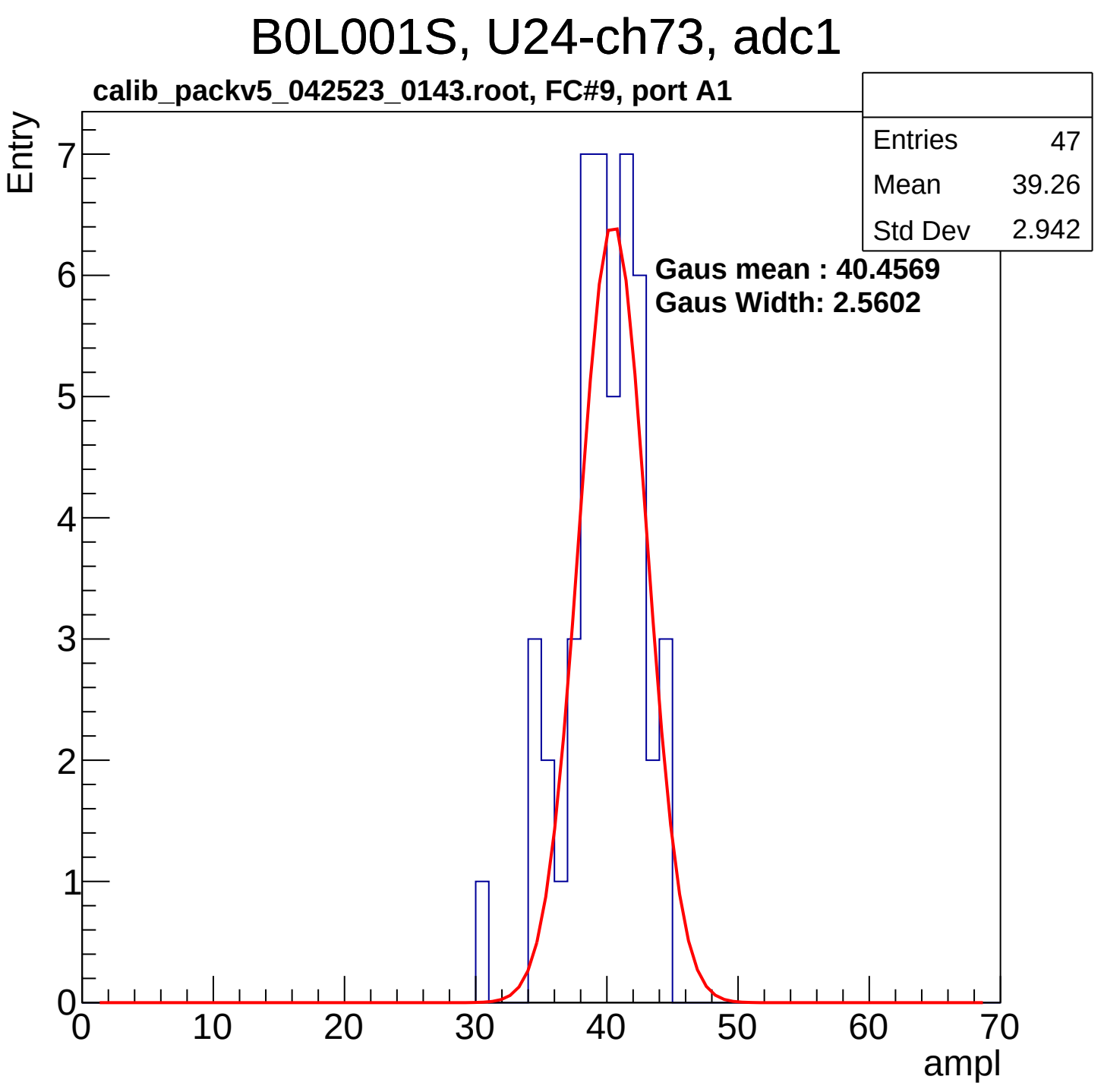
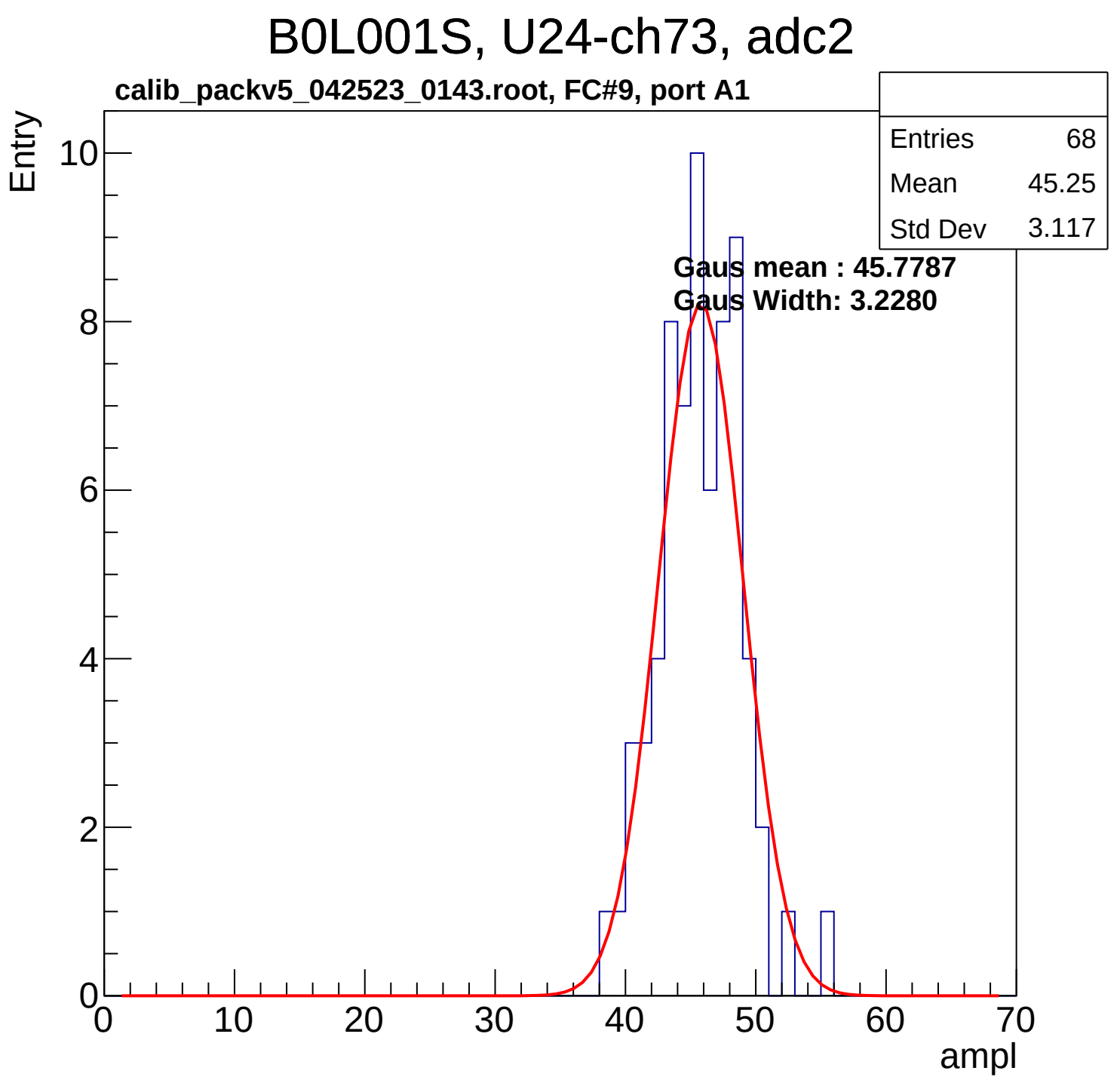
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B0L001S, U24-ch72, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch73, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 97
Mean 32.32
Std Dev 3.671
Gaus mean : 32.8219
Gaus Width: 3.8780
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch73, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 39.26
Std Dev 2.942
Gaus mean : 40.4569
Gaus Width: 2.5602
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch73, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 45.25
Std Dev 3.117
Gaus mean : 45.7787
Gaus Width: 3.2280
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
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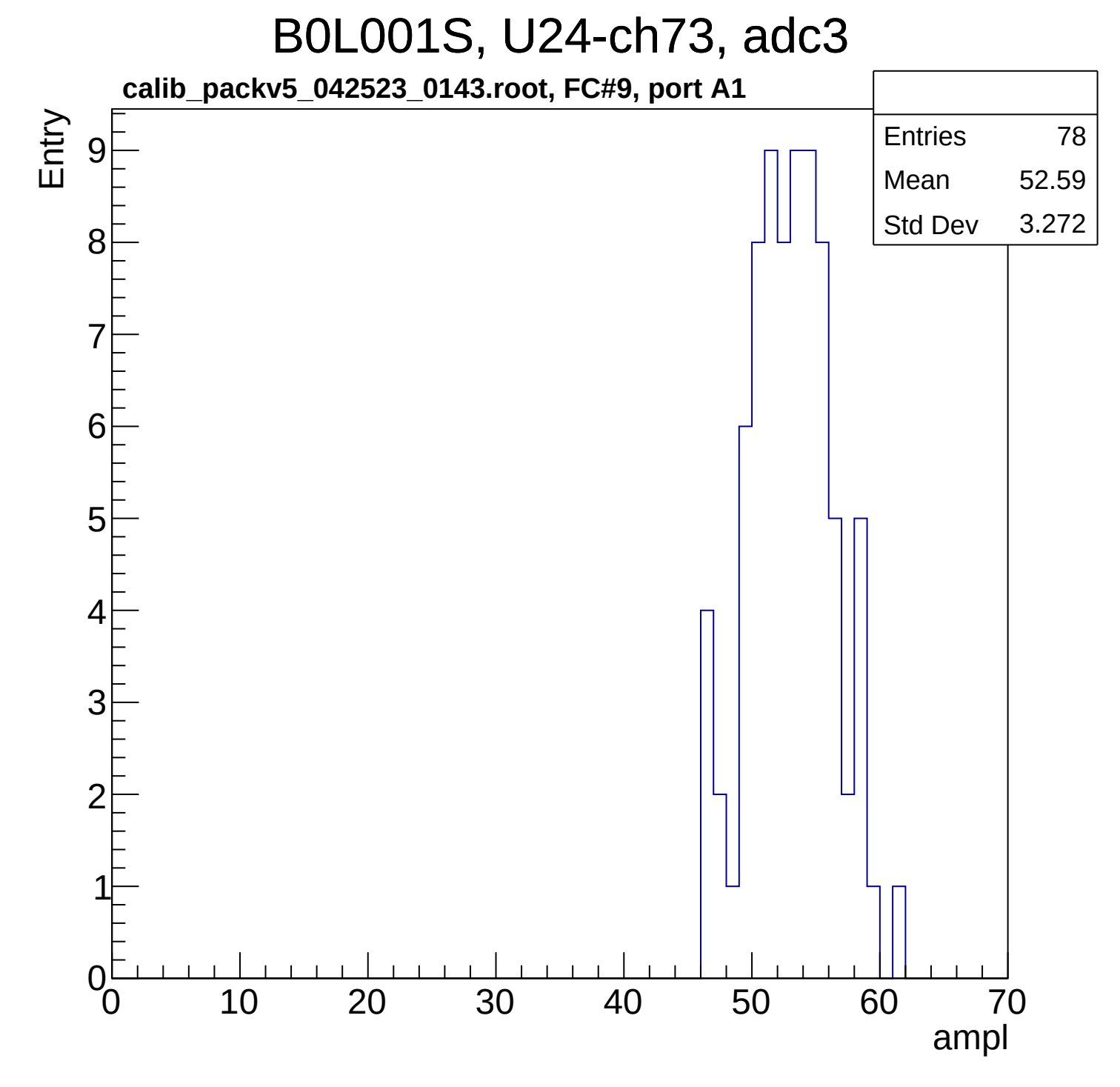
60
70


B0L001S, U24-ch73, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 52.59
Std Dev 3.272
Entry
ampl
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2
3
4
5
6
7
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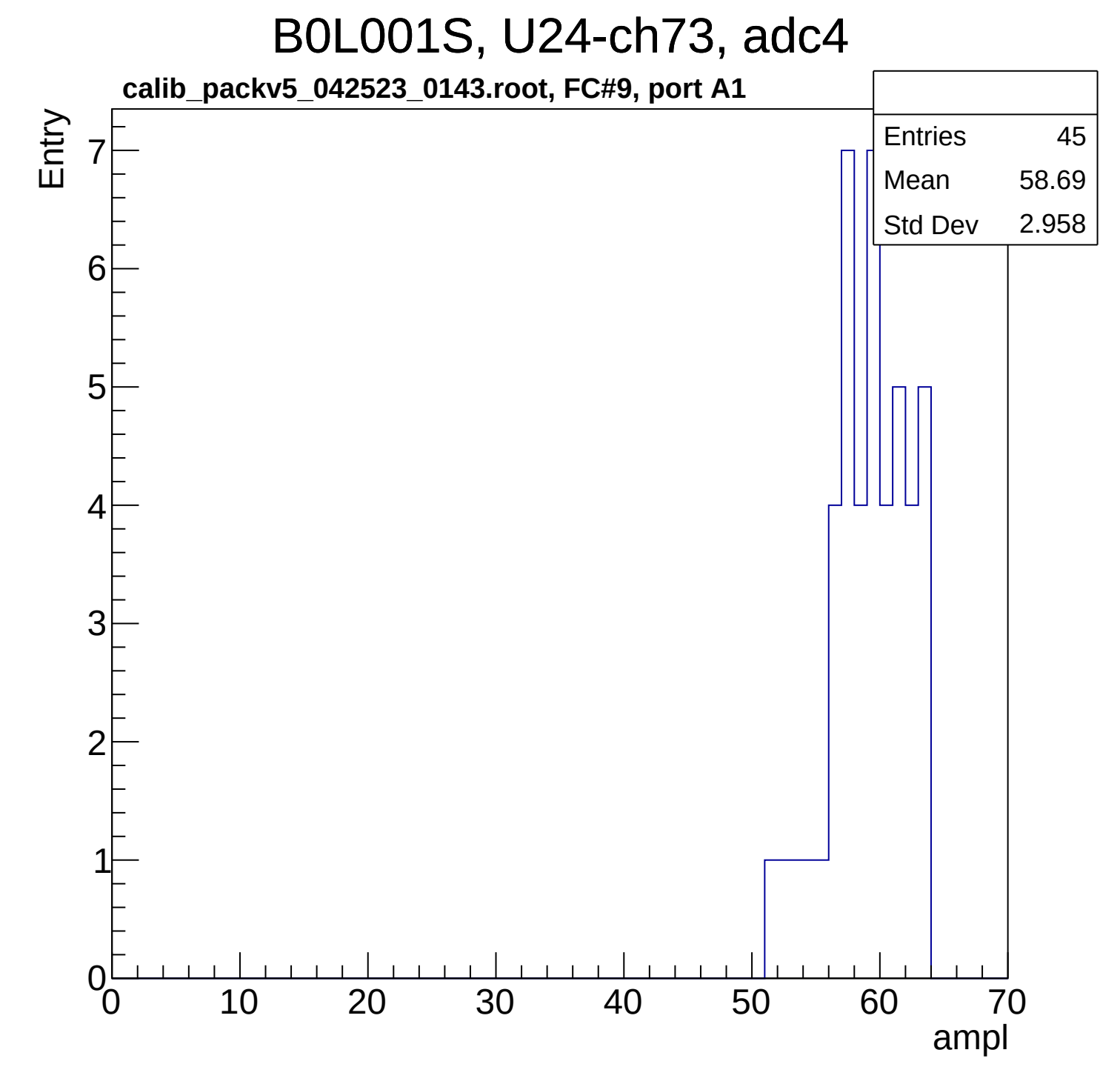
B0L001S, U24-ch73, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 45
Mean 58.69
Std Dev 2.958
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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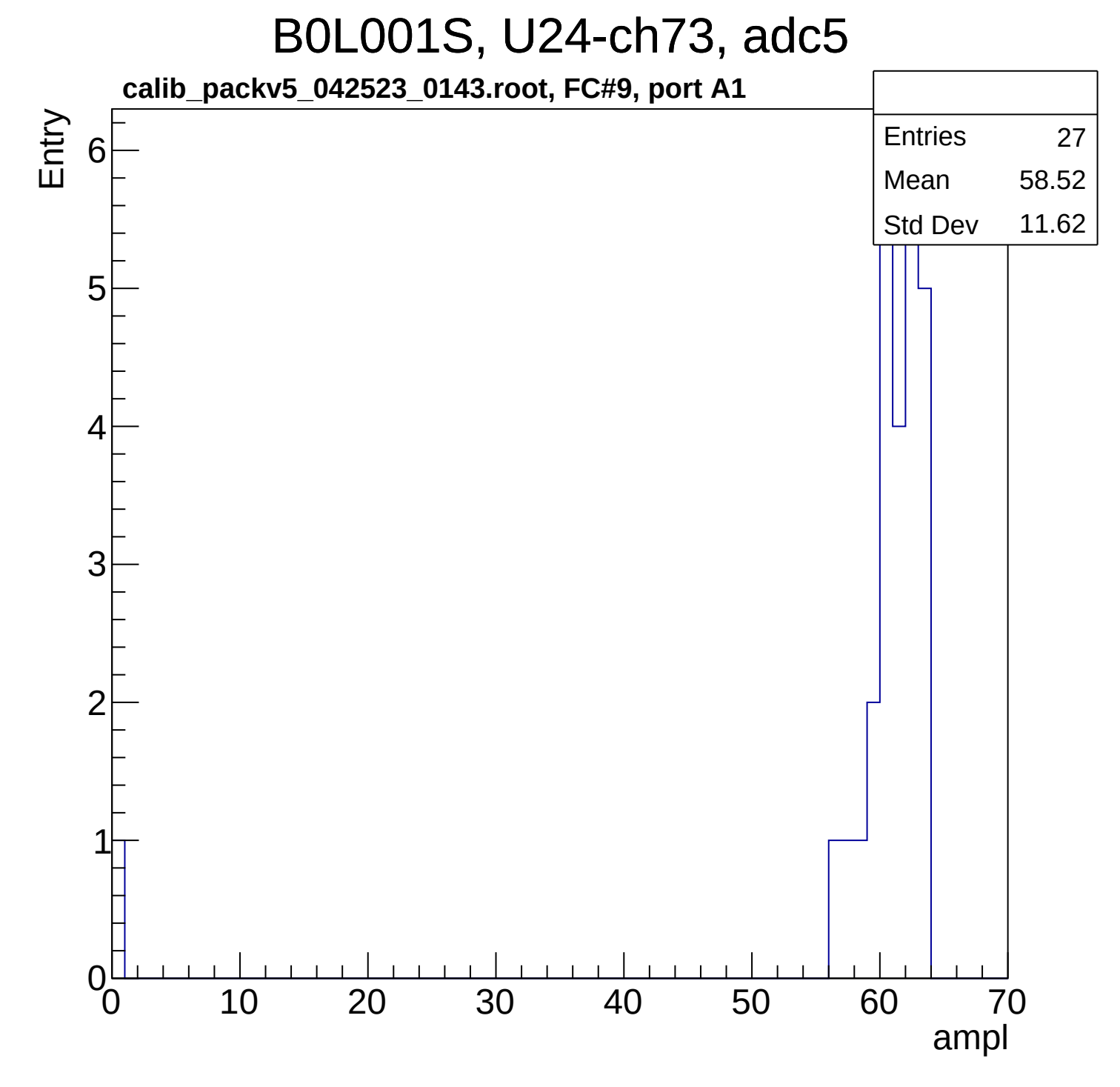
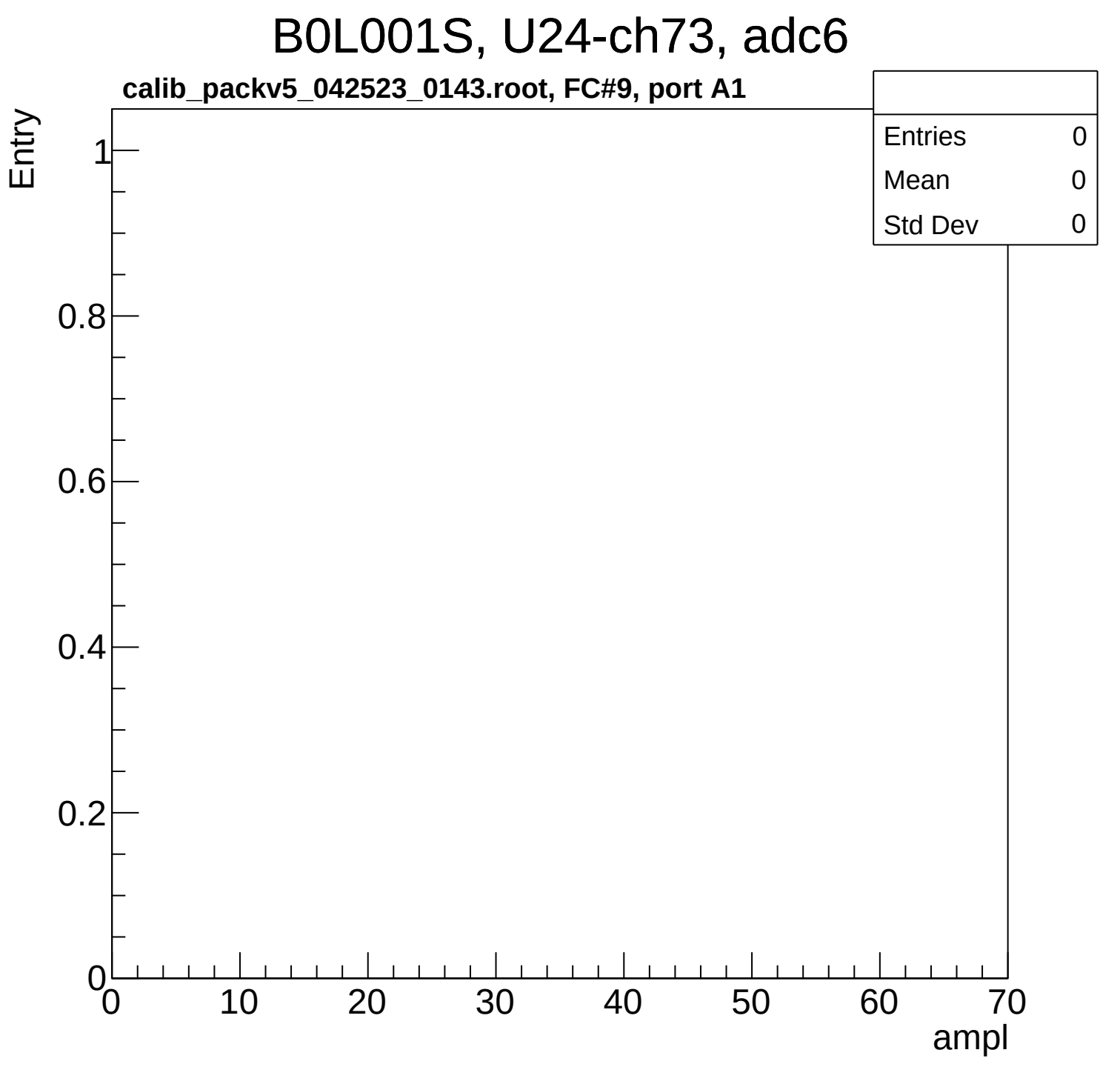
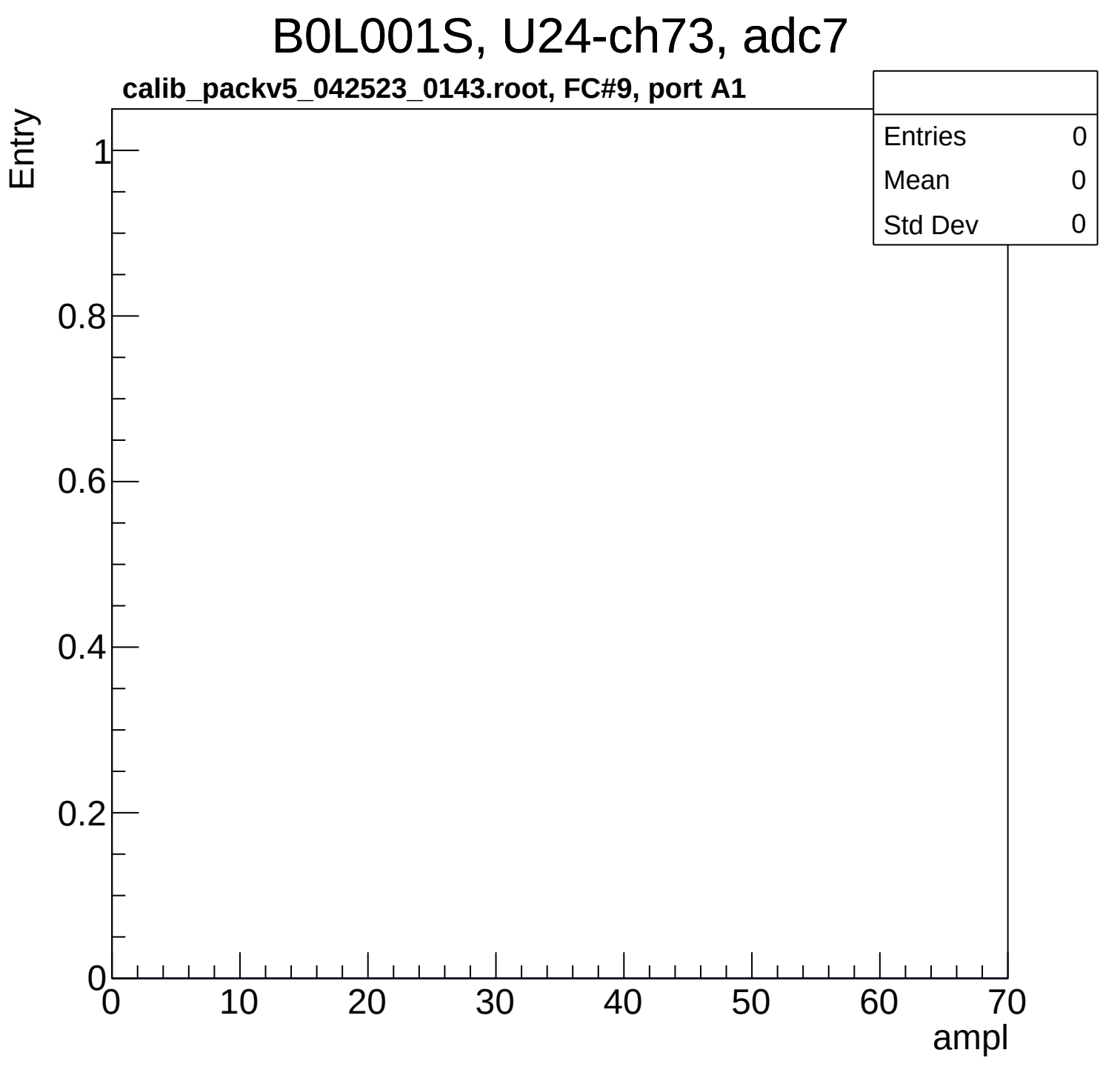
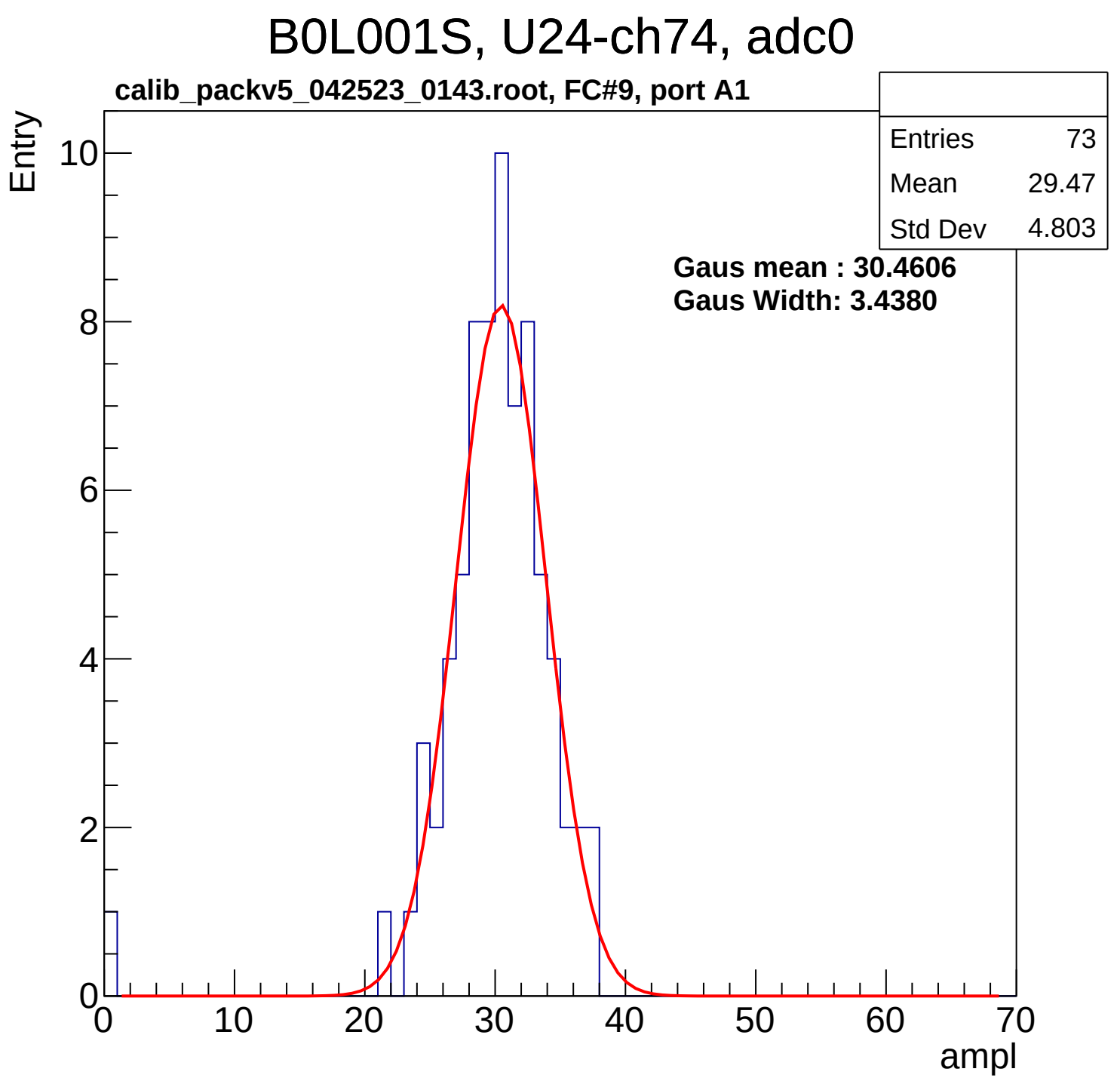
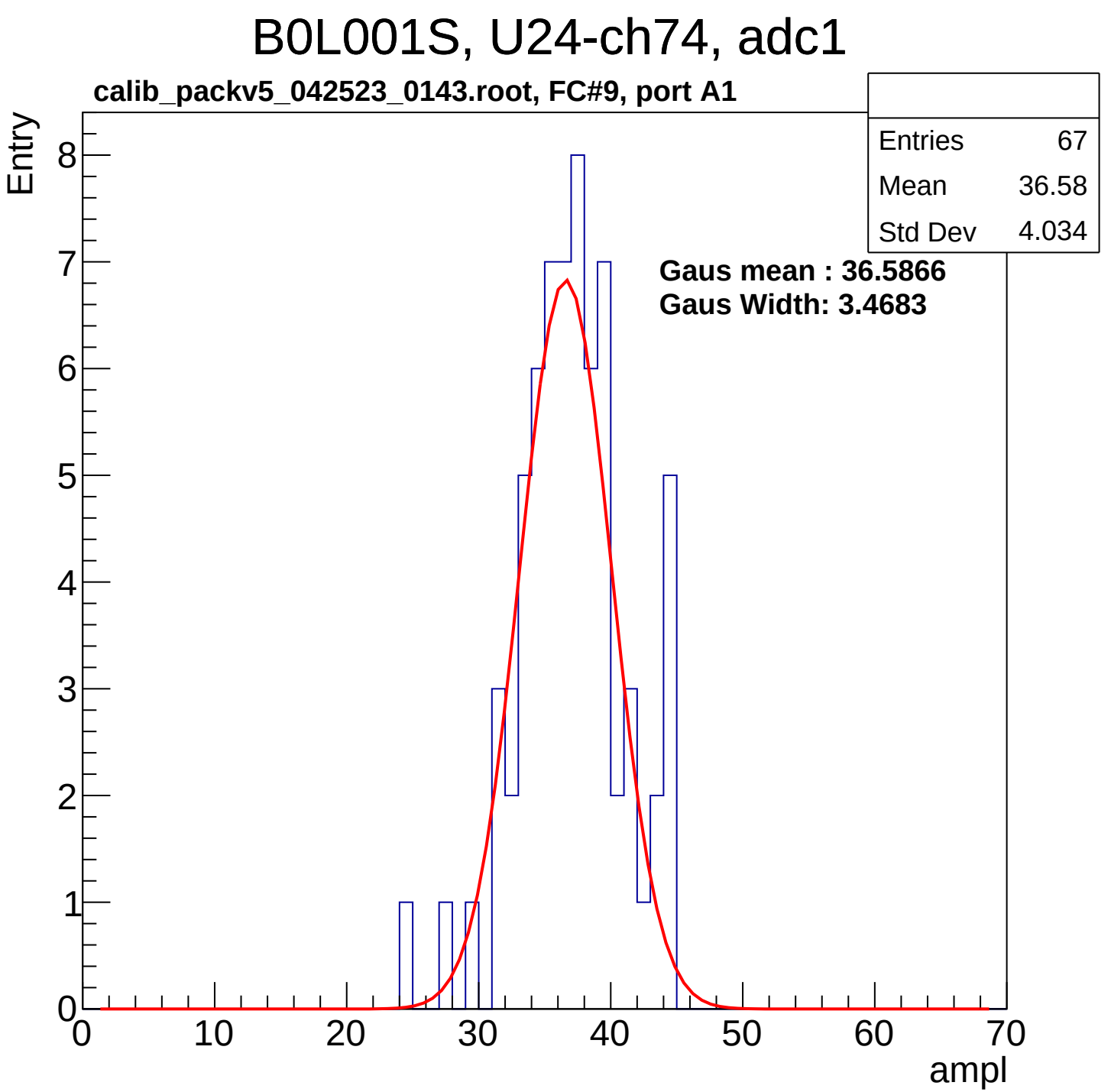

B0L001S, U24-ch73, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.52
Std Dev 11.62
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch73, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch73, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch74, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 29.47
Std Dev 4.803
Gaus mean : 30.4606
Gaus Width: 3.4380
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch74, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 36.58
Std Dev 4.034
Gaus mean : 36.5866
Gaus Width: 3.4683
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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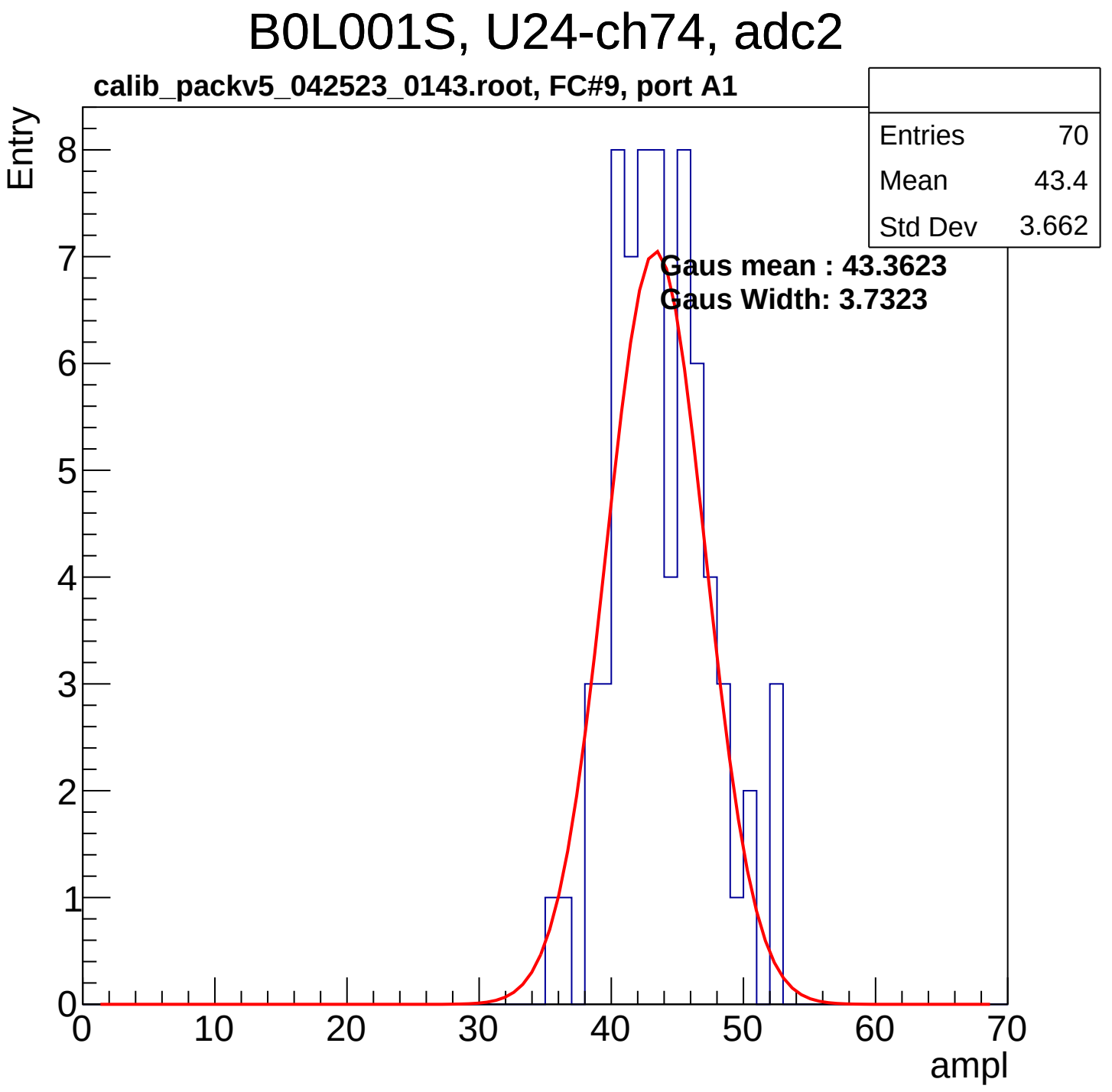
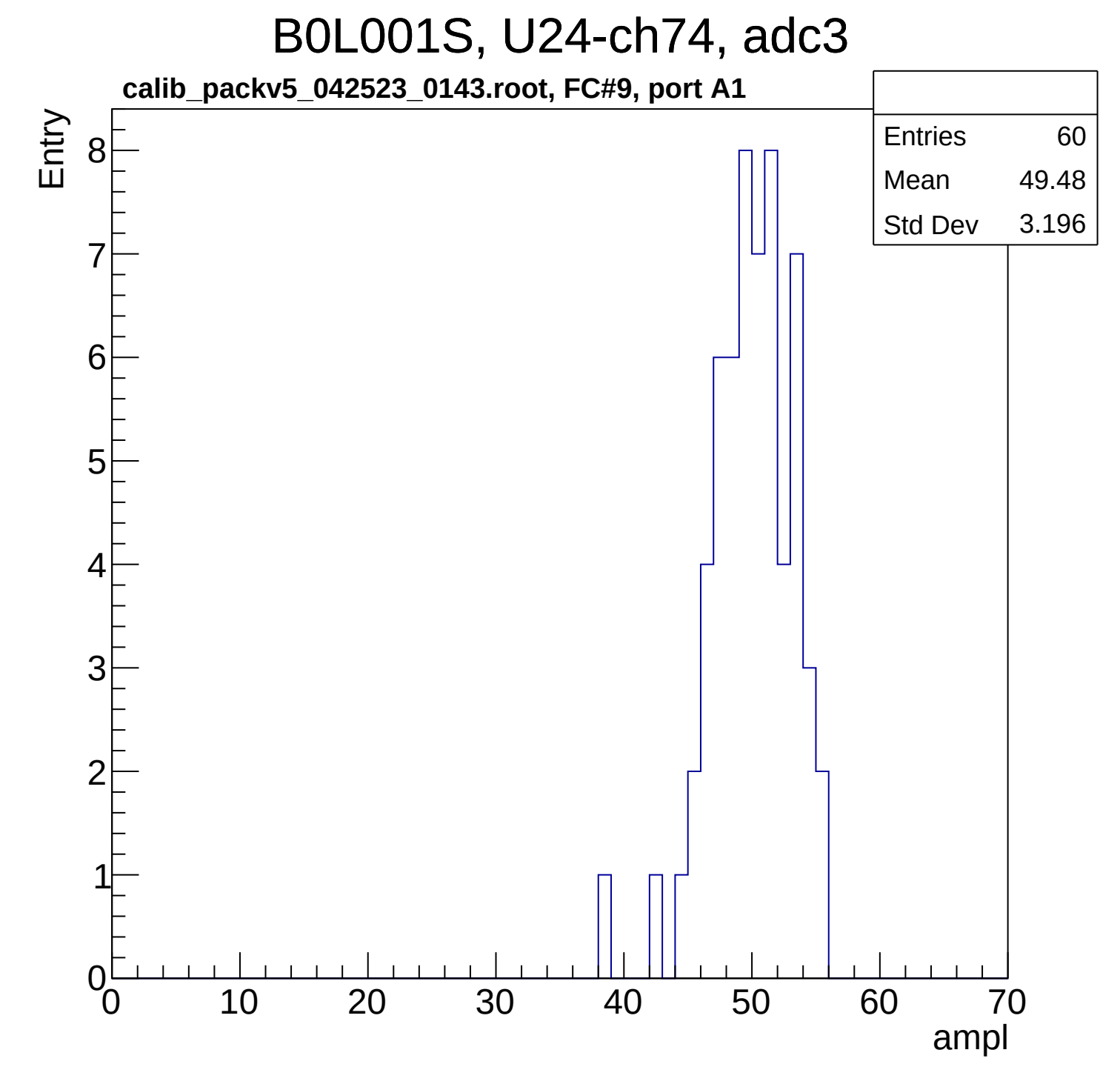
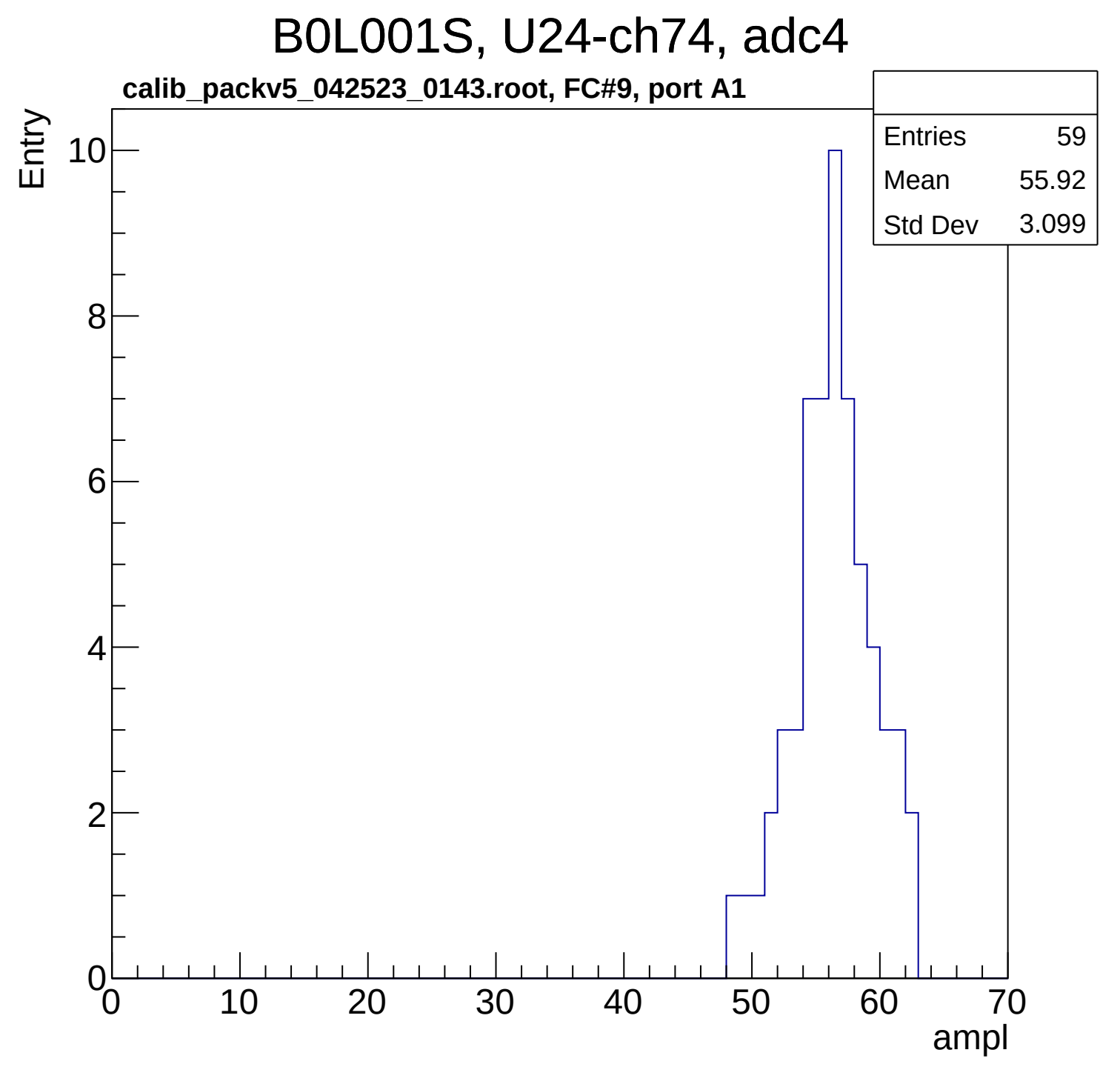
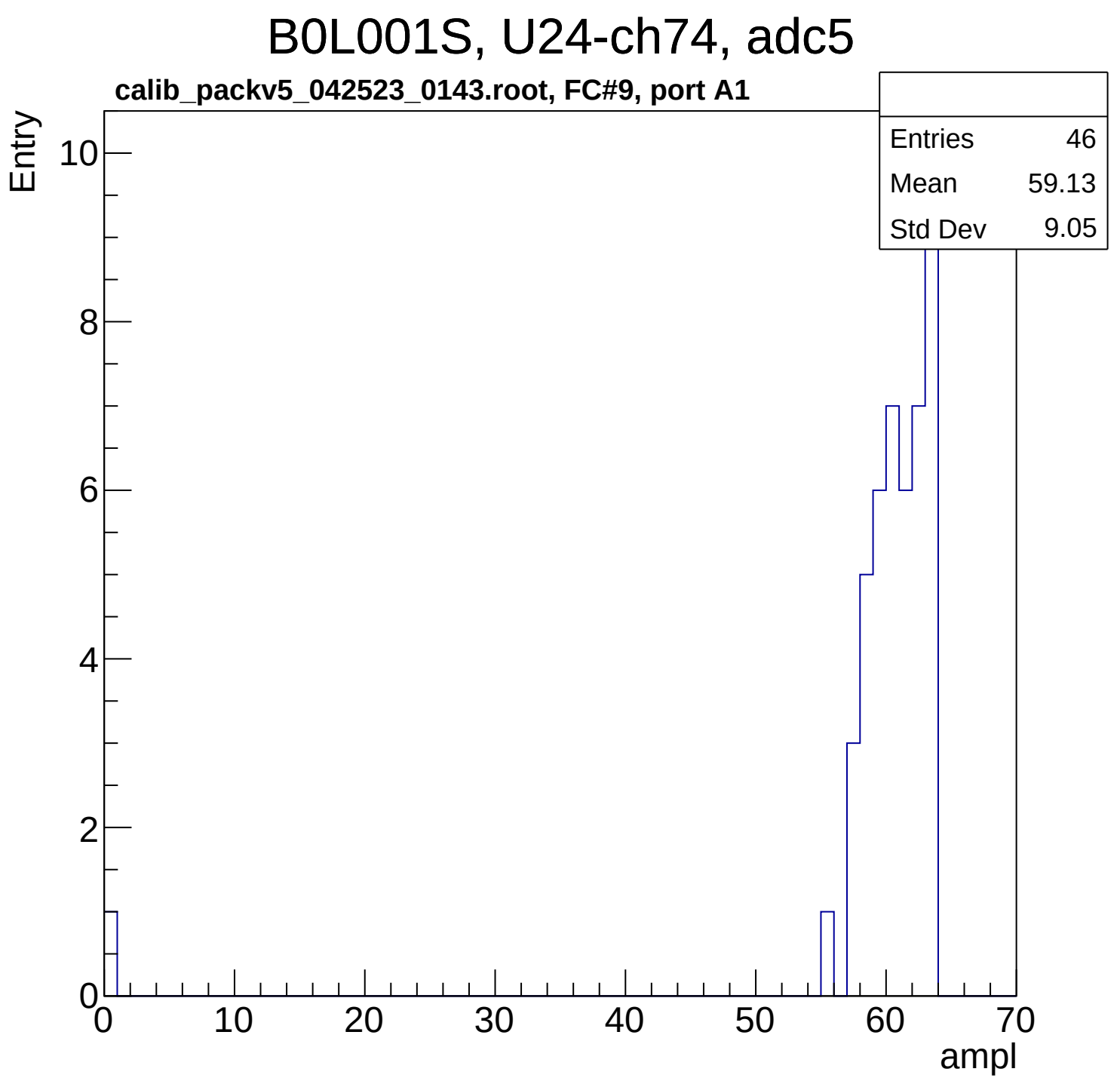
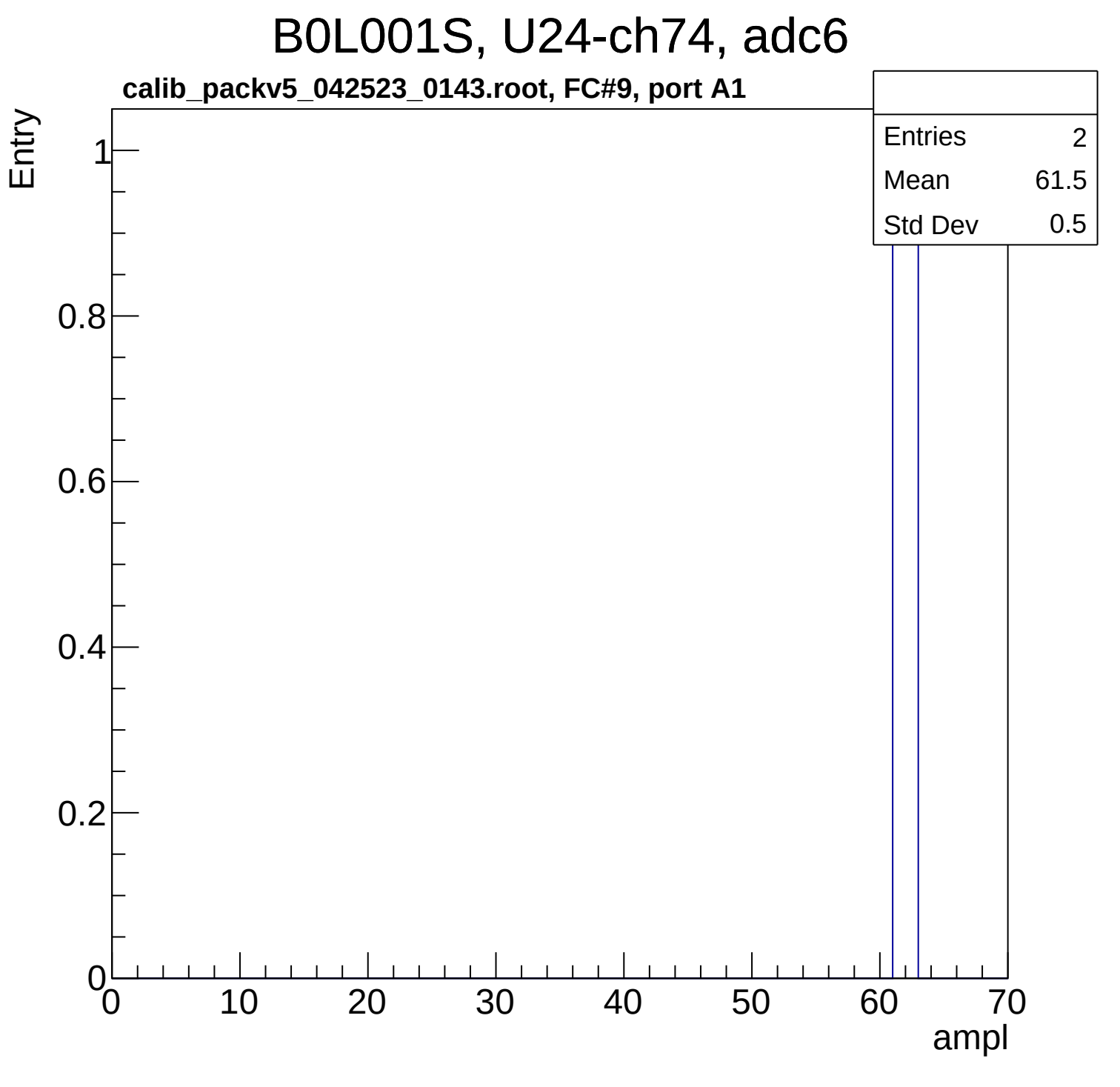
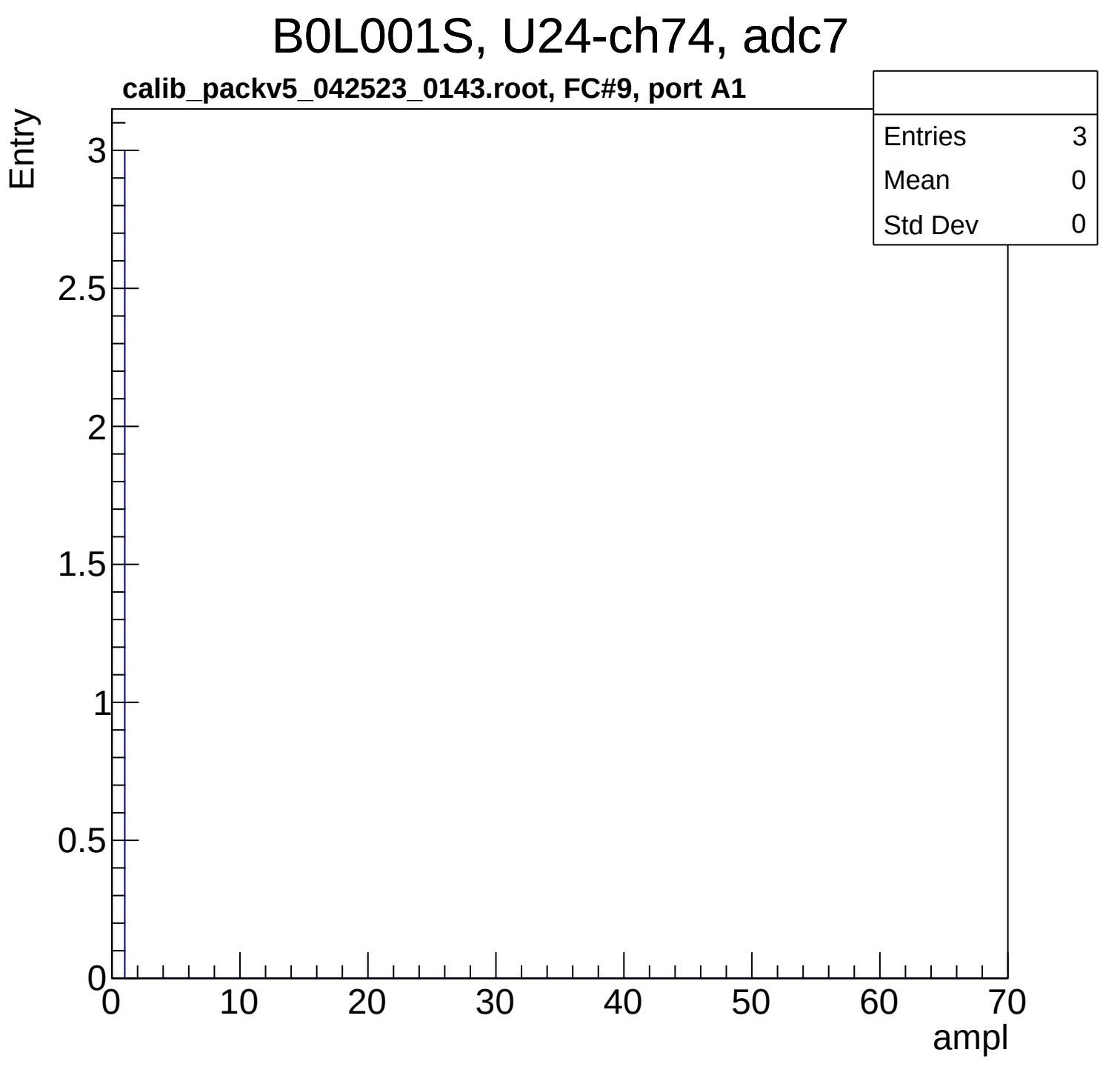

B0L001S, U24-ch74, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 43.4
Std Dev 3.662
Gaus mean : 43.3623
Gaus Width: 3.7323
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

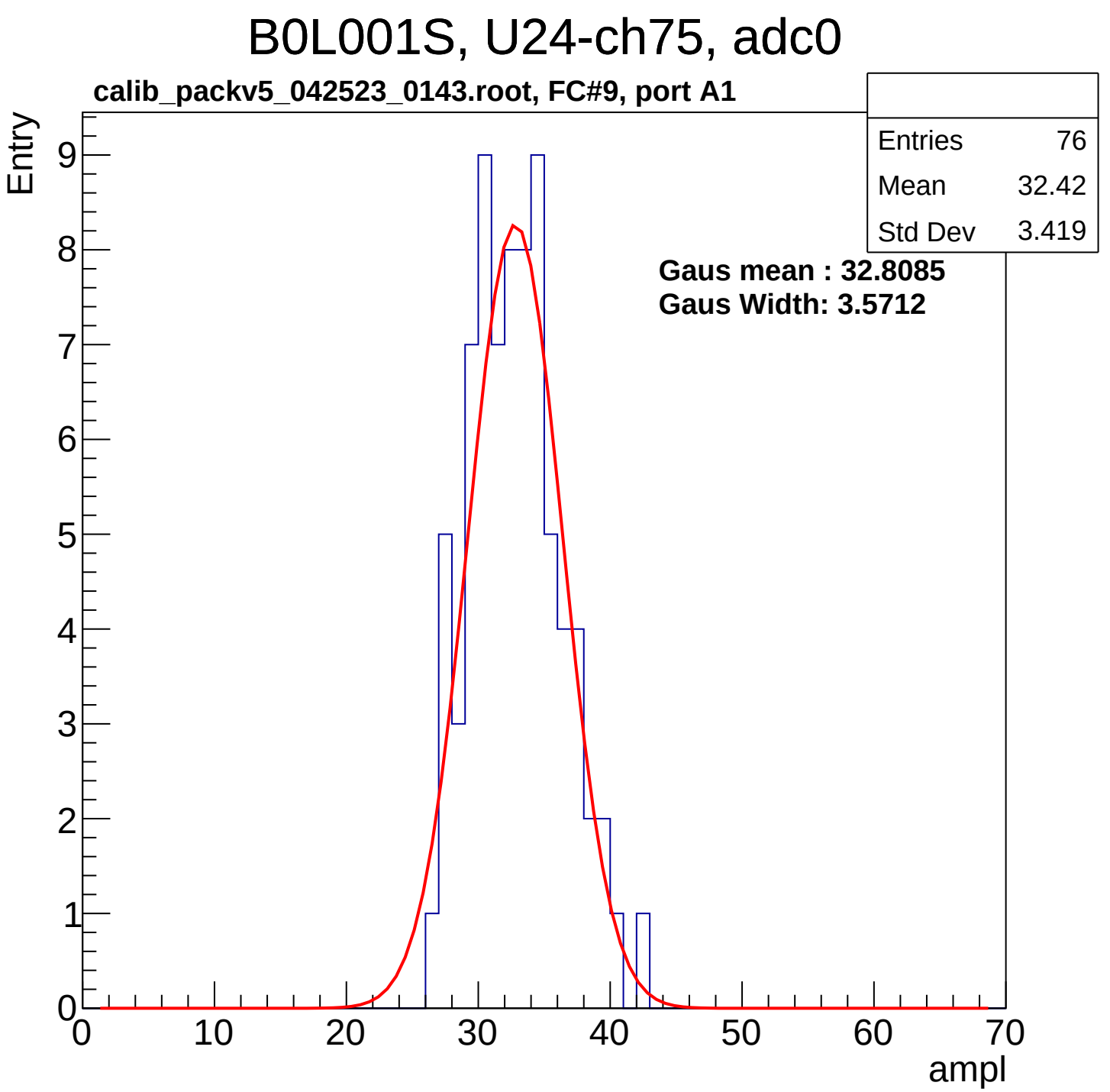

B0L001S, U24-ch74, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 49.48
Std Dev 3.196
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

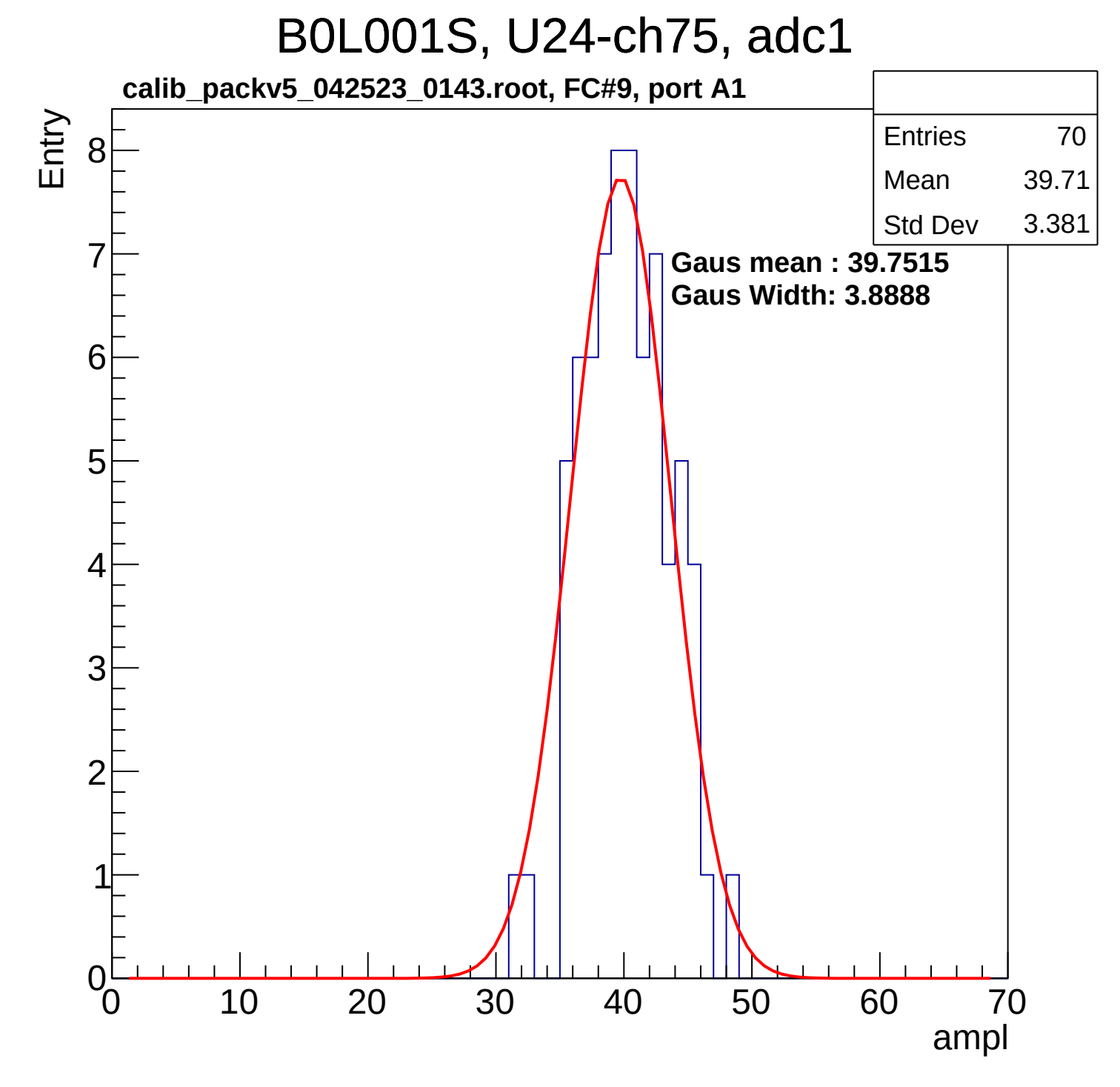

B0L001S, U24-ch74, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 55.92
Std Dev 3.099
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

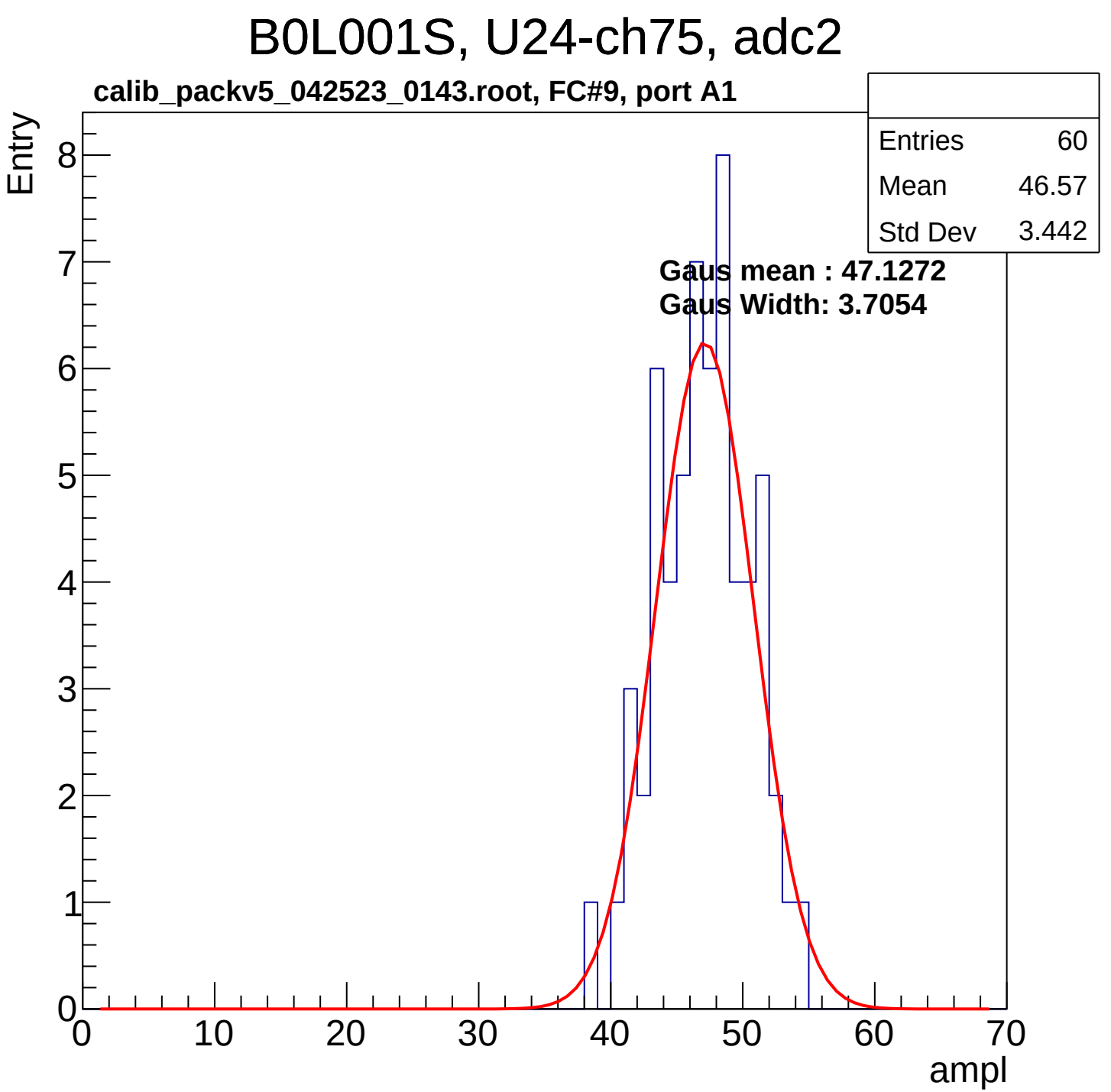

B0L001S, U24-ch74, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 59.13
Std Dev 9.05
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

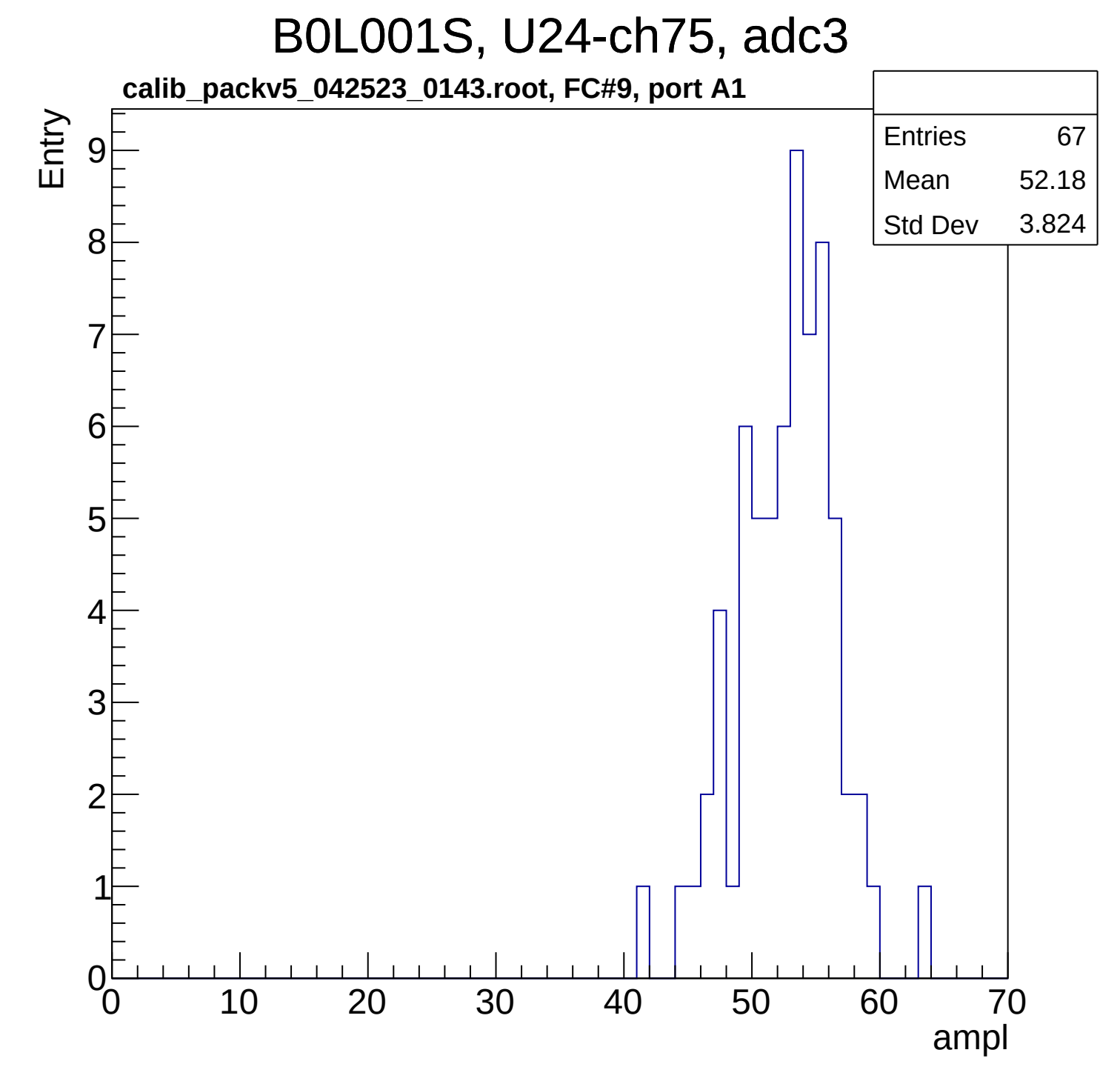

B0L001S, U24-ch74, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 61.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch74, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch75, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 32.42
Std Dev 3.419
Gaus mean : 32.8085
Gaus Width: 3.5712
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch75, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 39.71
Std Dev 3.381
Gaus mean : 39.7515
Gaus Width: 3.8888
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch75, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 46.57
Std Dev 3.442
Gaus mean : 47.1272
Gaus Width: 3.7054
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch75, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 52.18
Std Dev 3.824
Entry
ampl
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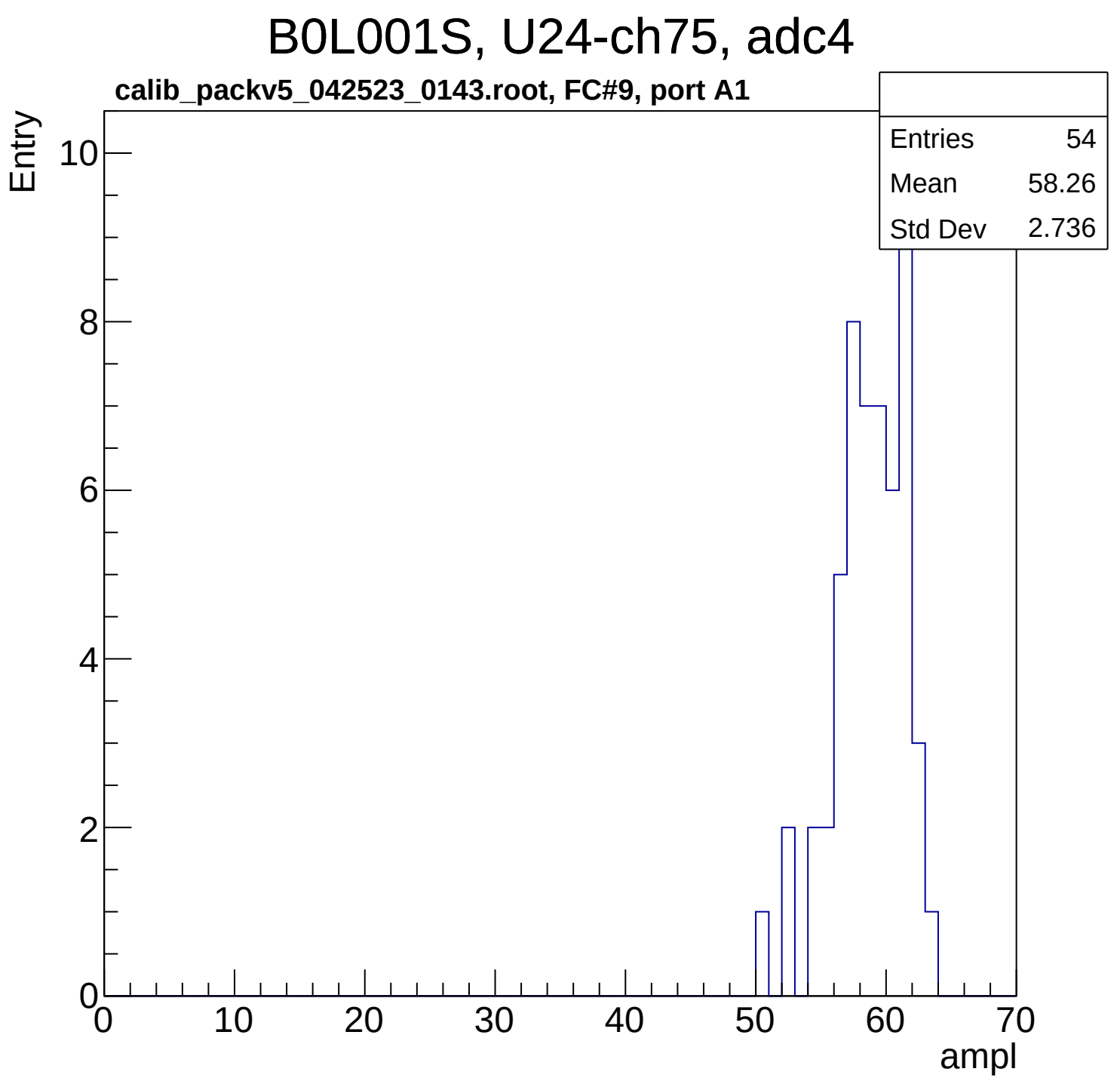
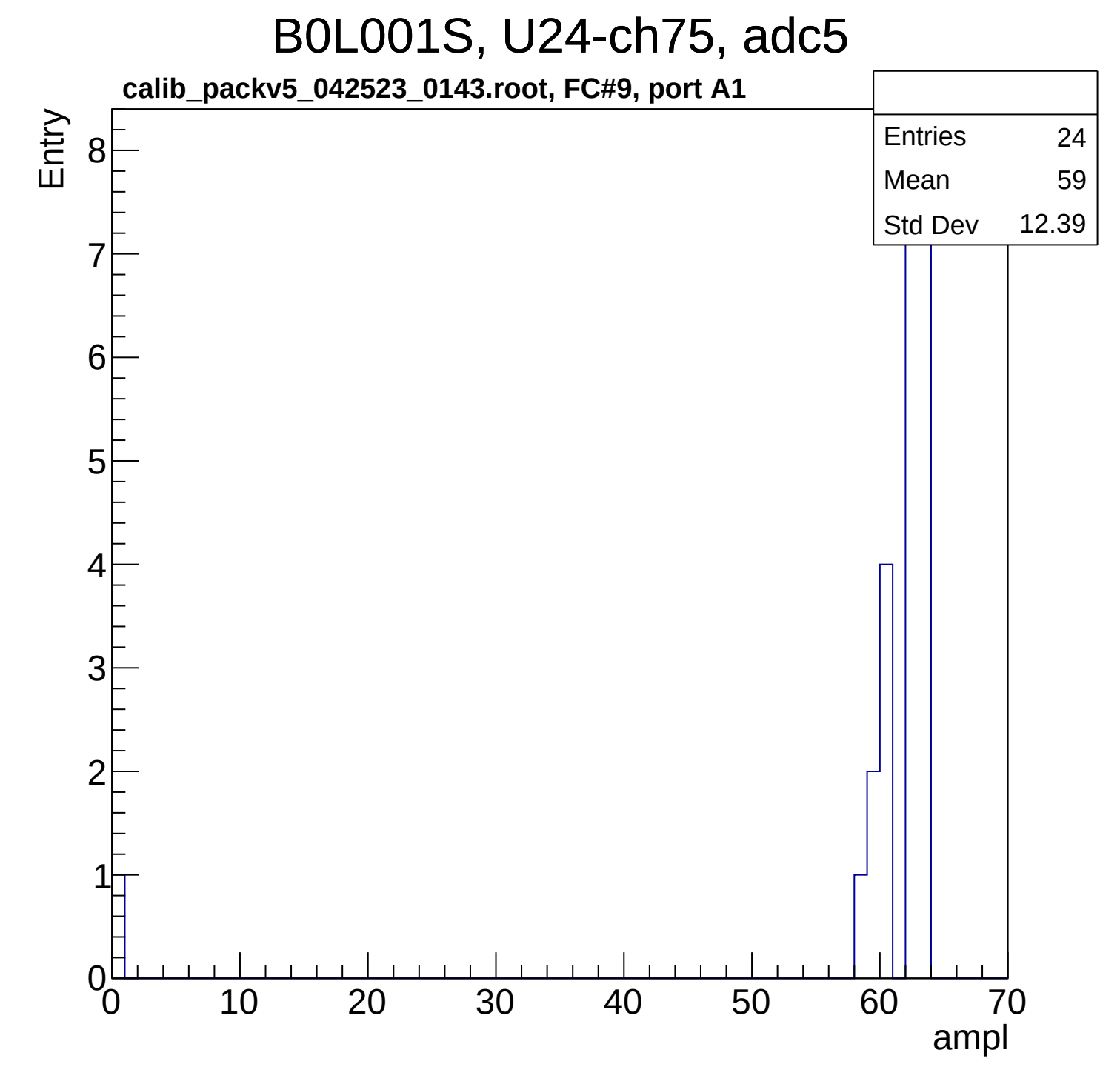
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch75, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 58.26
Std Dev 2.736
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch75, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 59
Std Dev 12.39
Entry
ampl
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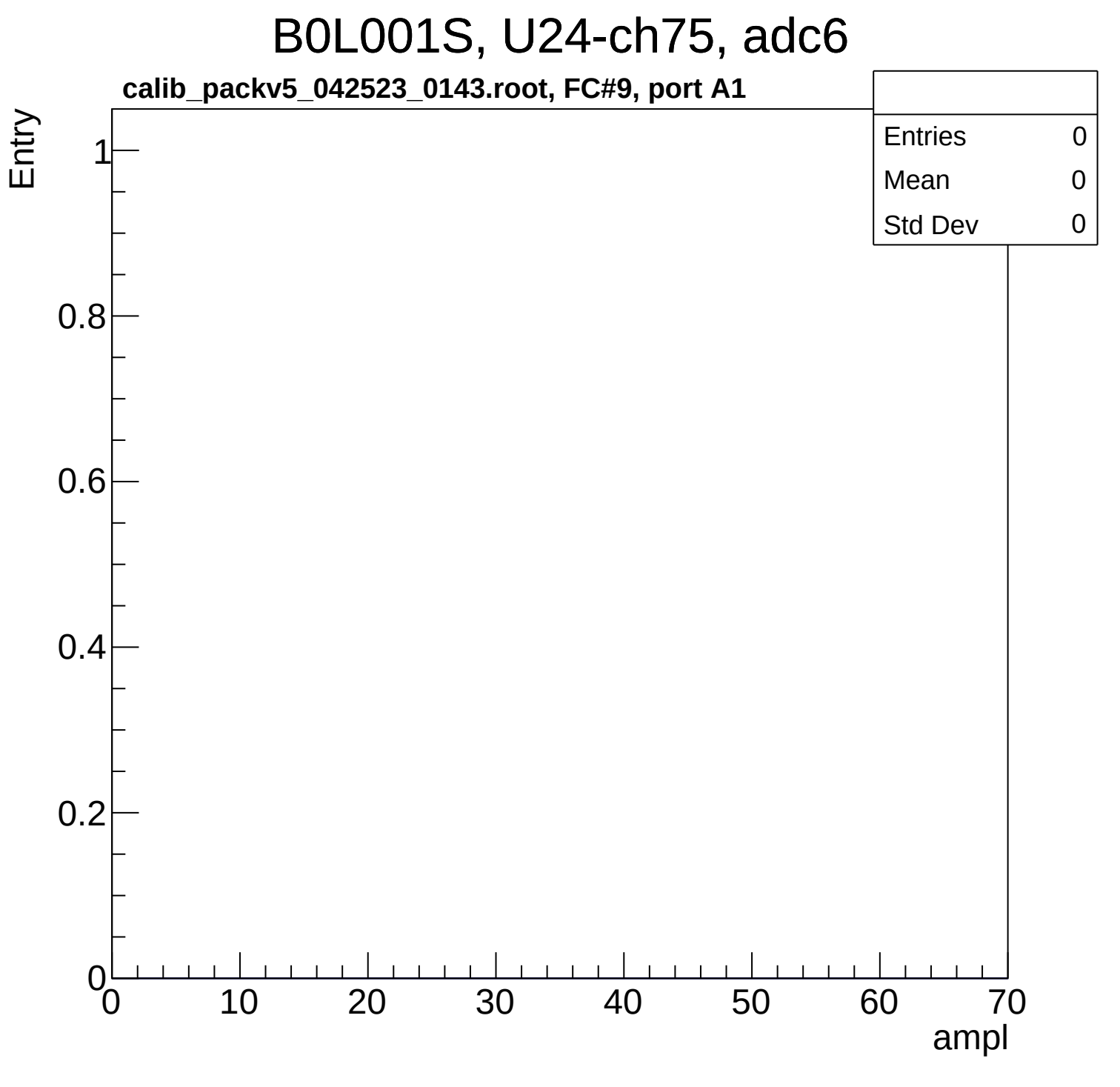
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch75, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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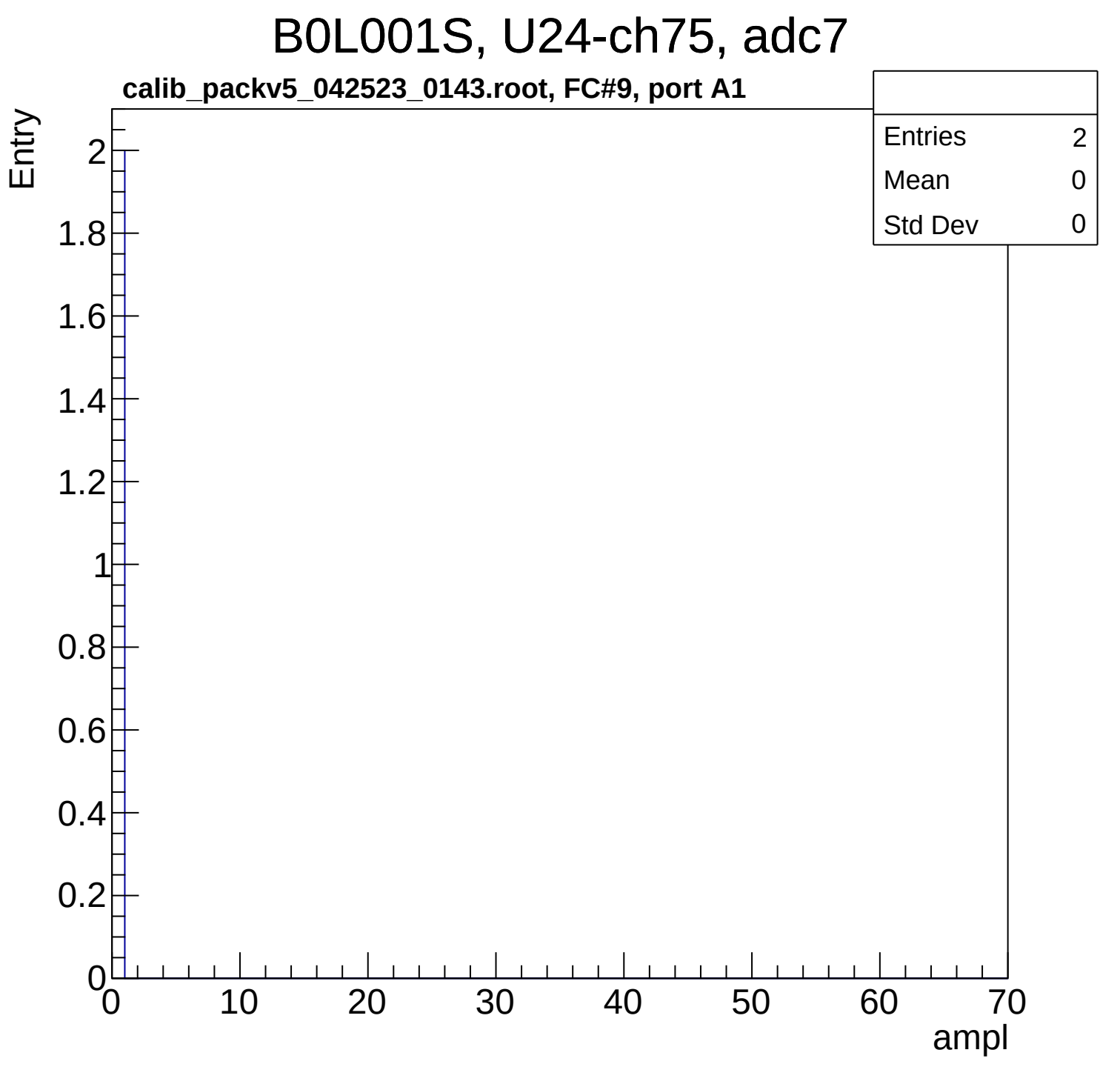
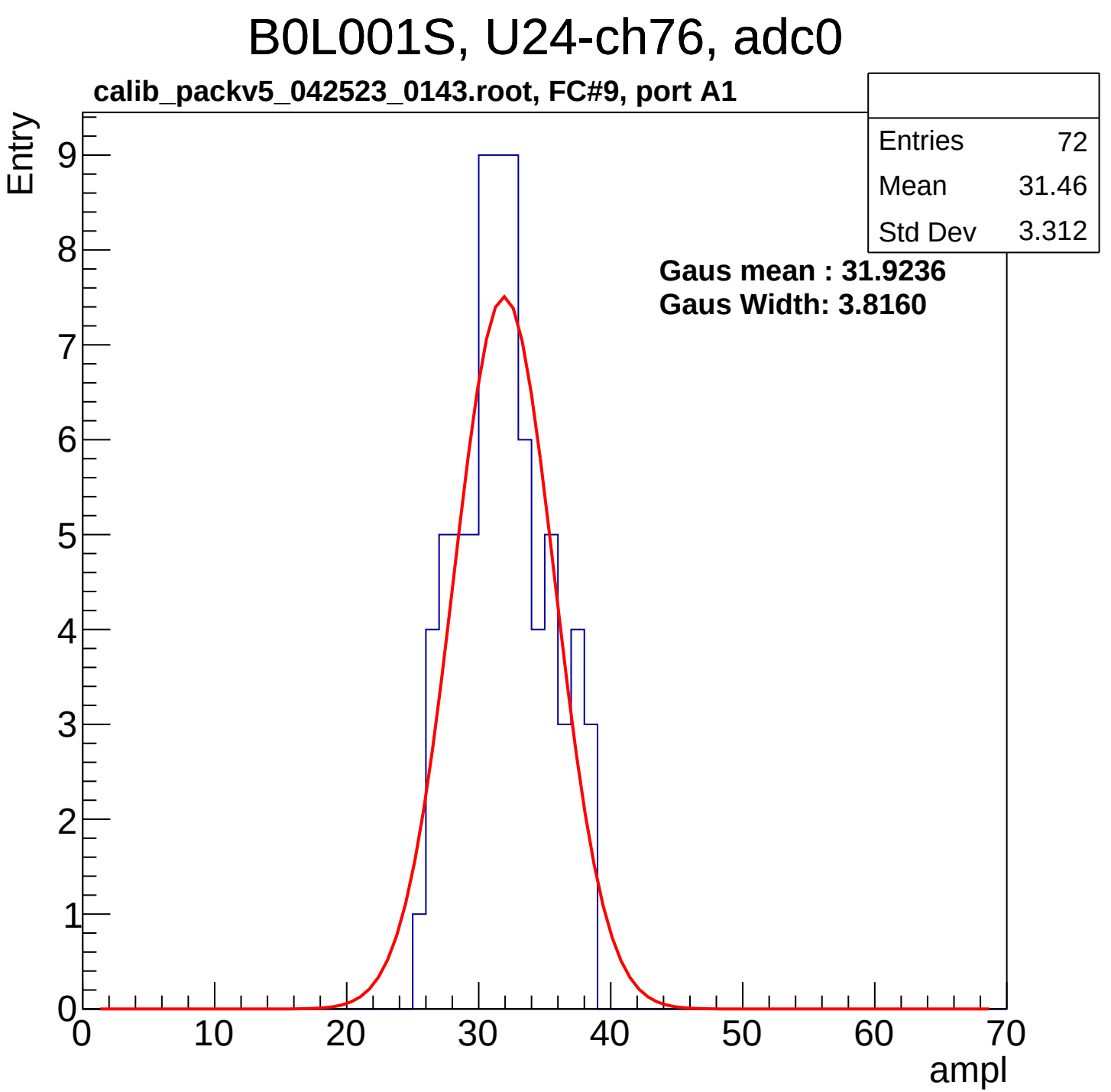
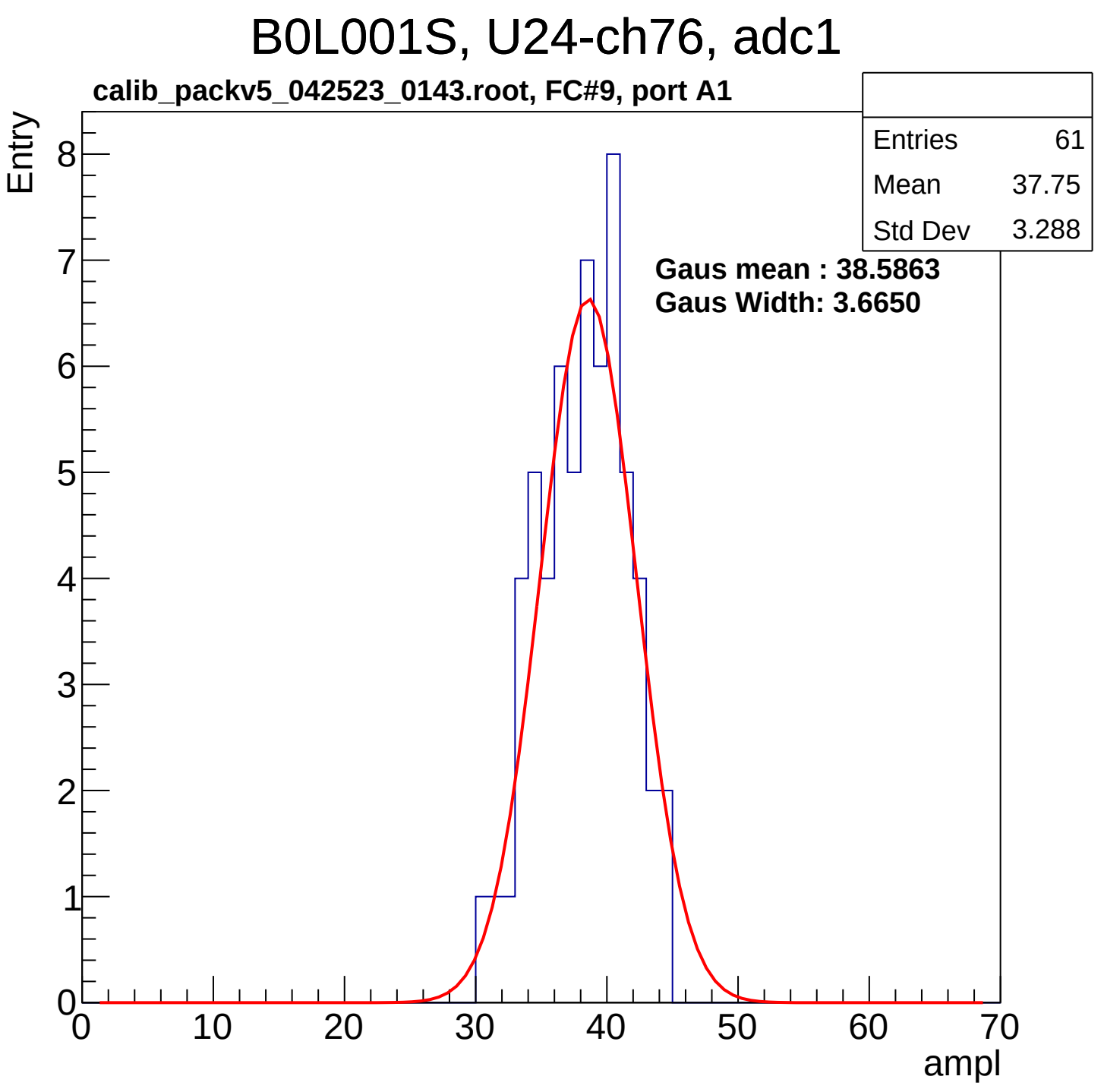
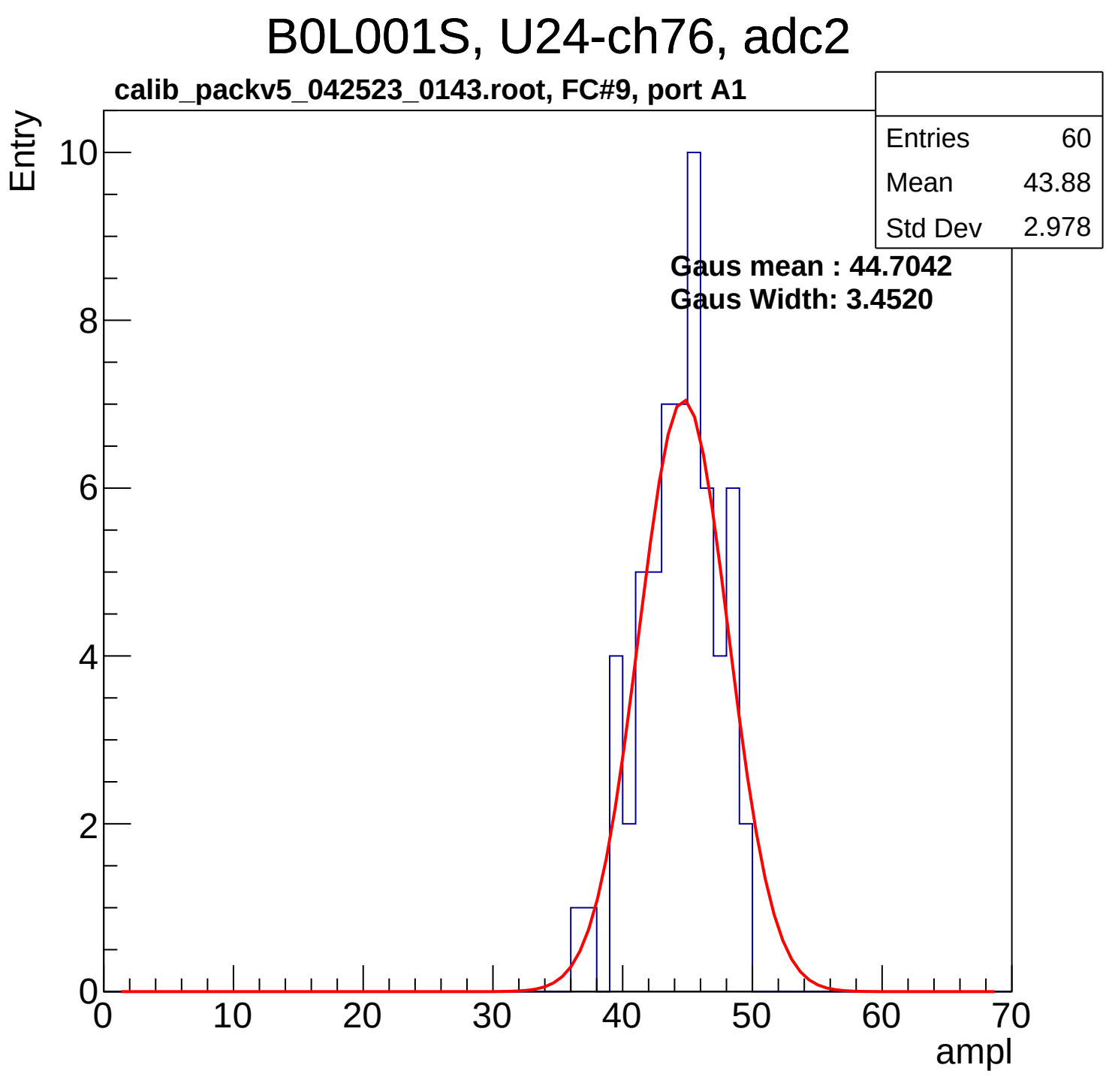
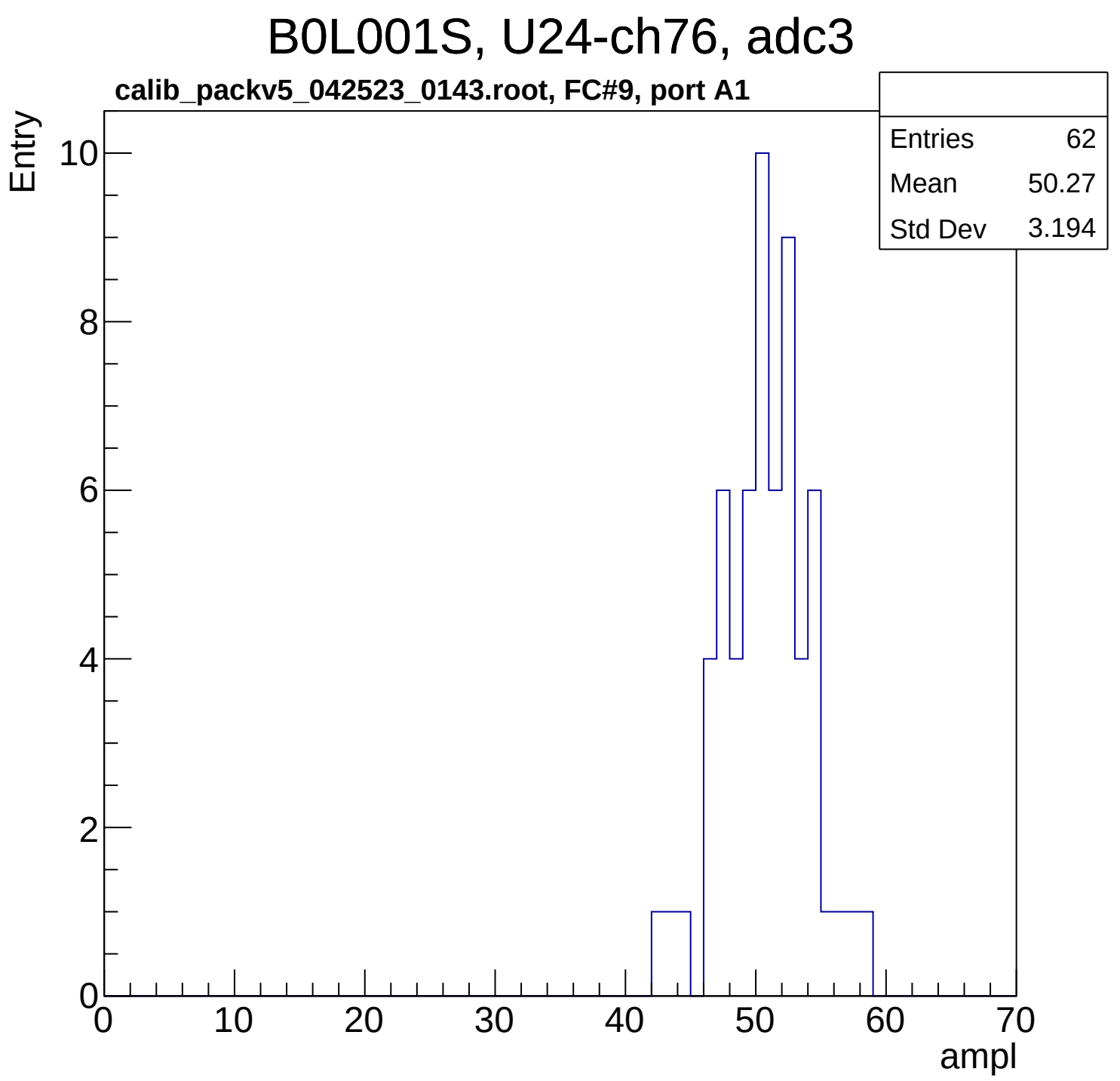
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

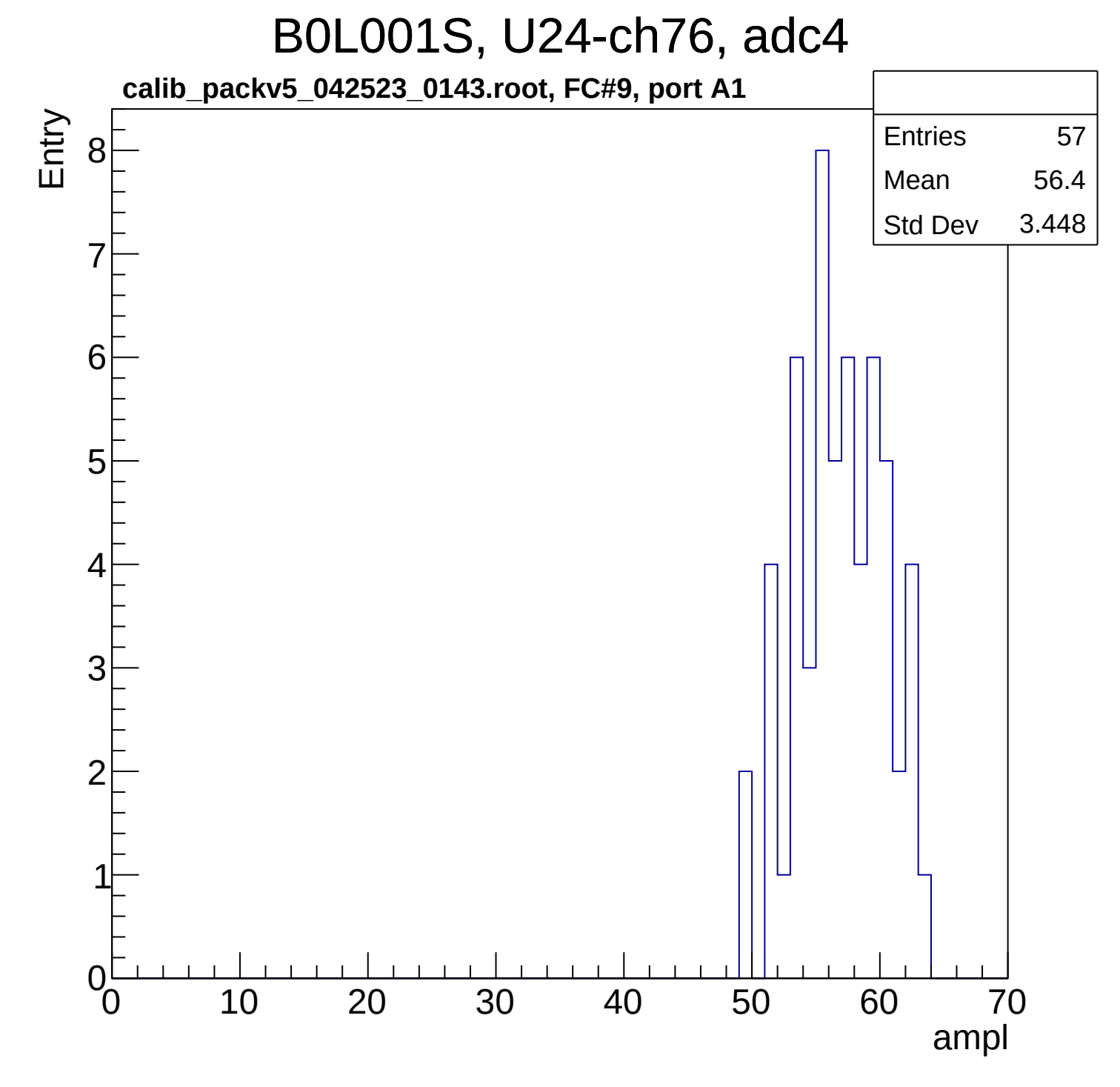

B0L001S, U24-ch75, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch76, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 31.46
Std Dev 3.312
Gaus mean : 31.9236
Gaus Width: 3.8160
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch76, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 37.75
Std Dev 3.288
Gaus mean : 38.5863
Gaus Width: 3.6650
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch76, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 43.88
Std Dev 2.978
Gaus mean : 44.7042
Gaus Width: 3.4520
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch76, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 50.27
Std Dev 3.194
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch76, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.4
Std Dev 3.448
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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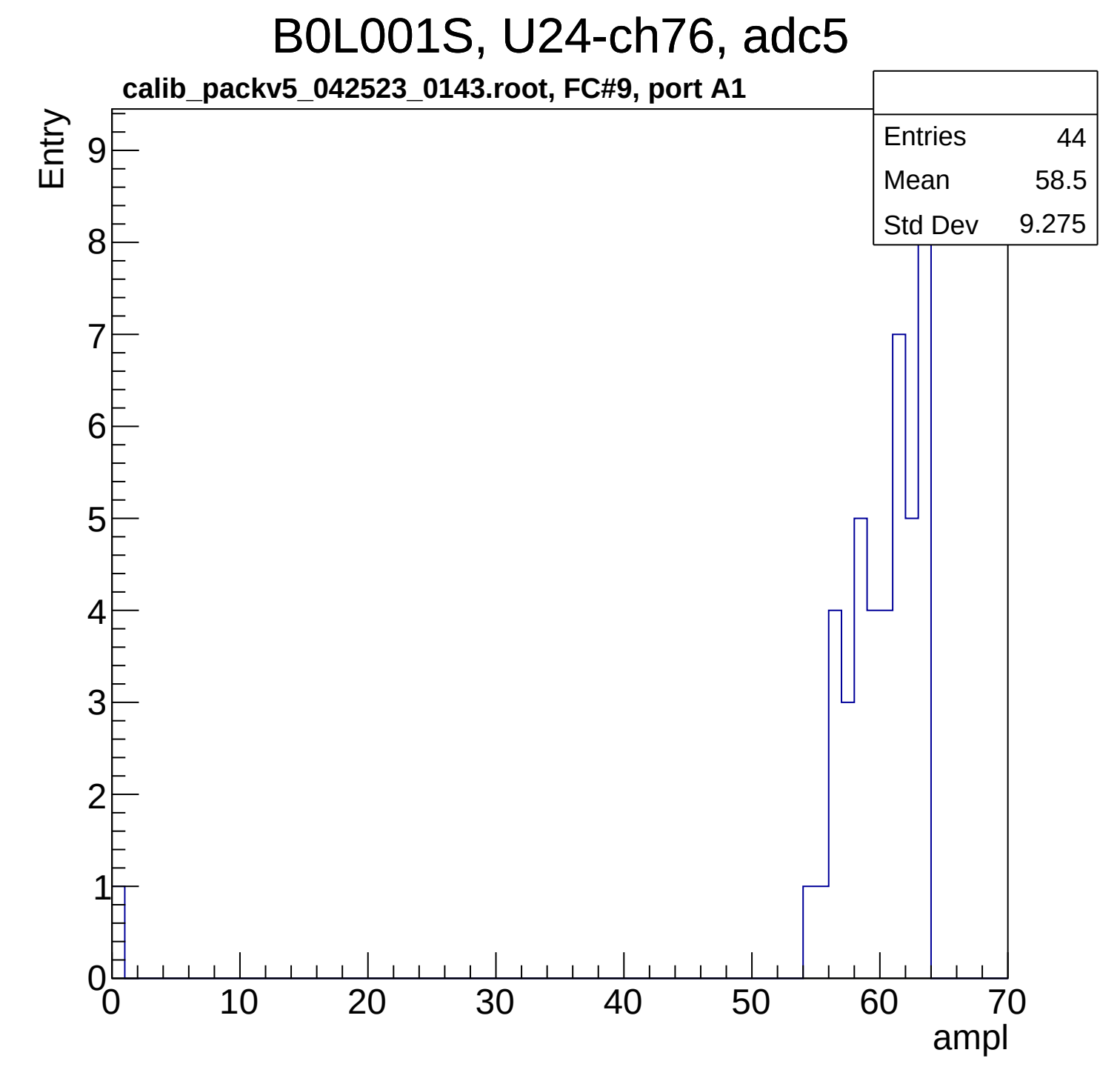
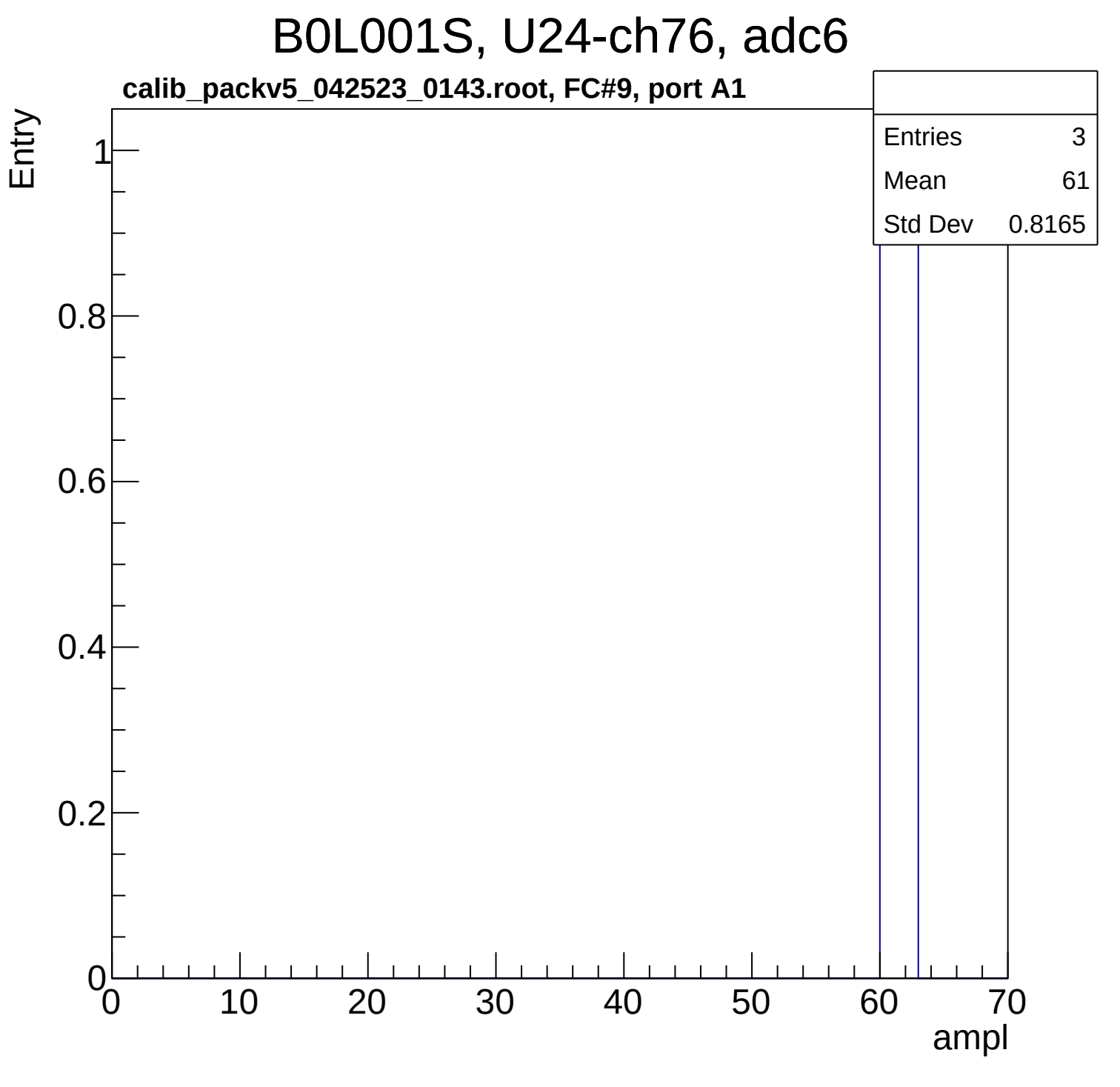
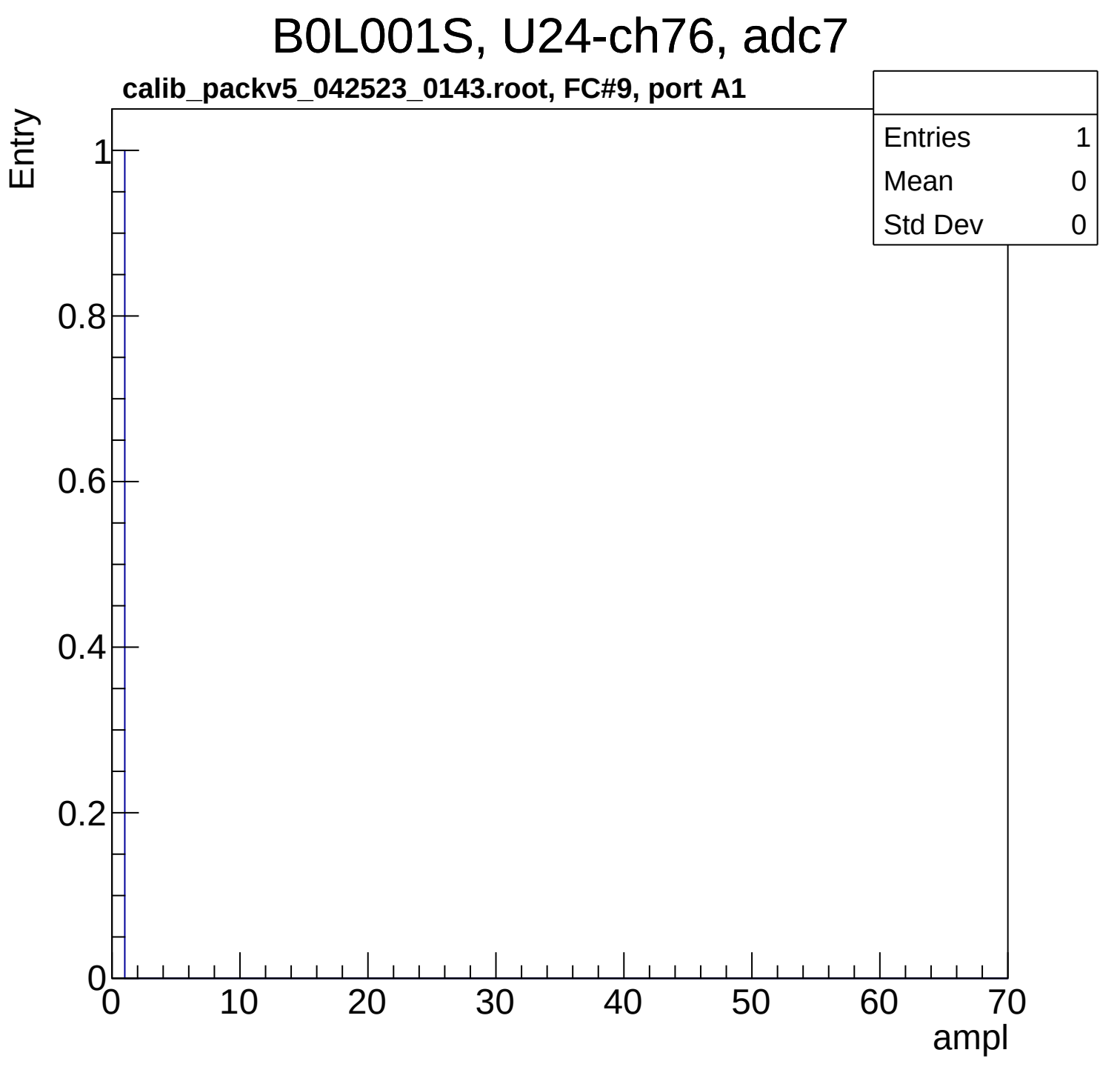

B0L001S, U24-ch76, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 58.5
Std Dev 9.275
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch76, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61
Std Dev 0.8165
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch76, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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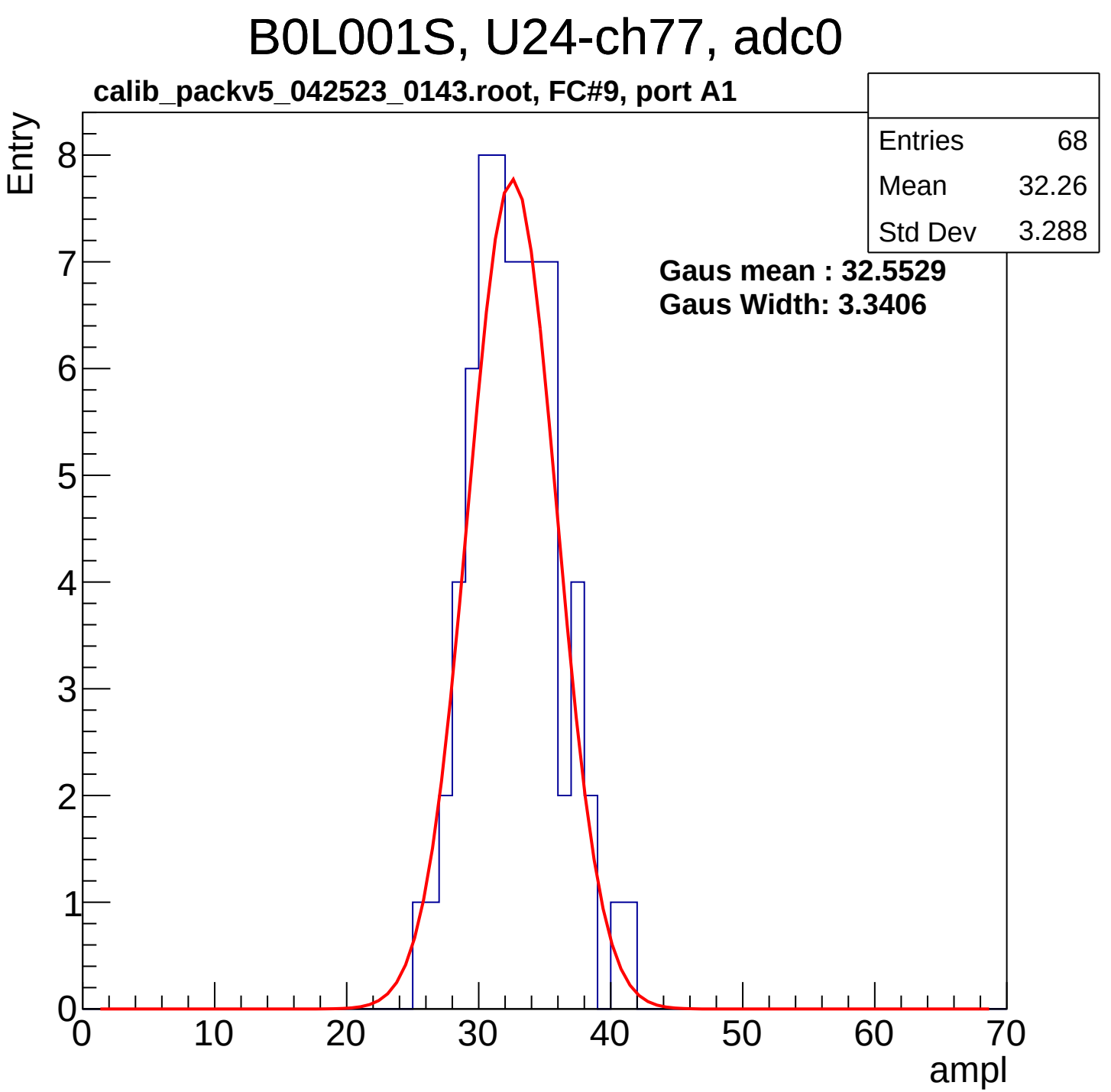
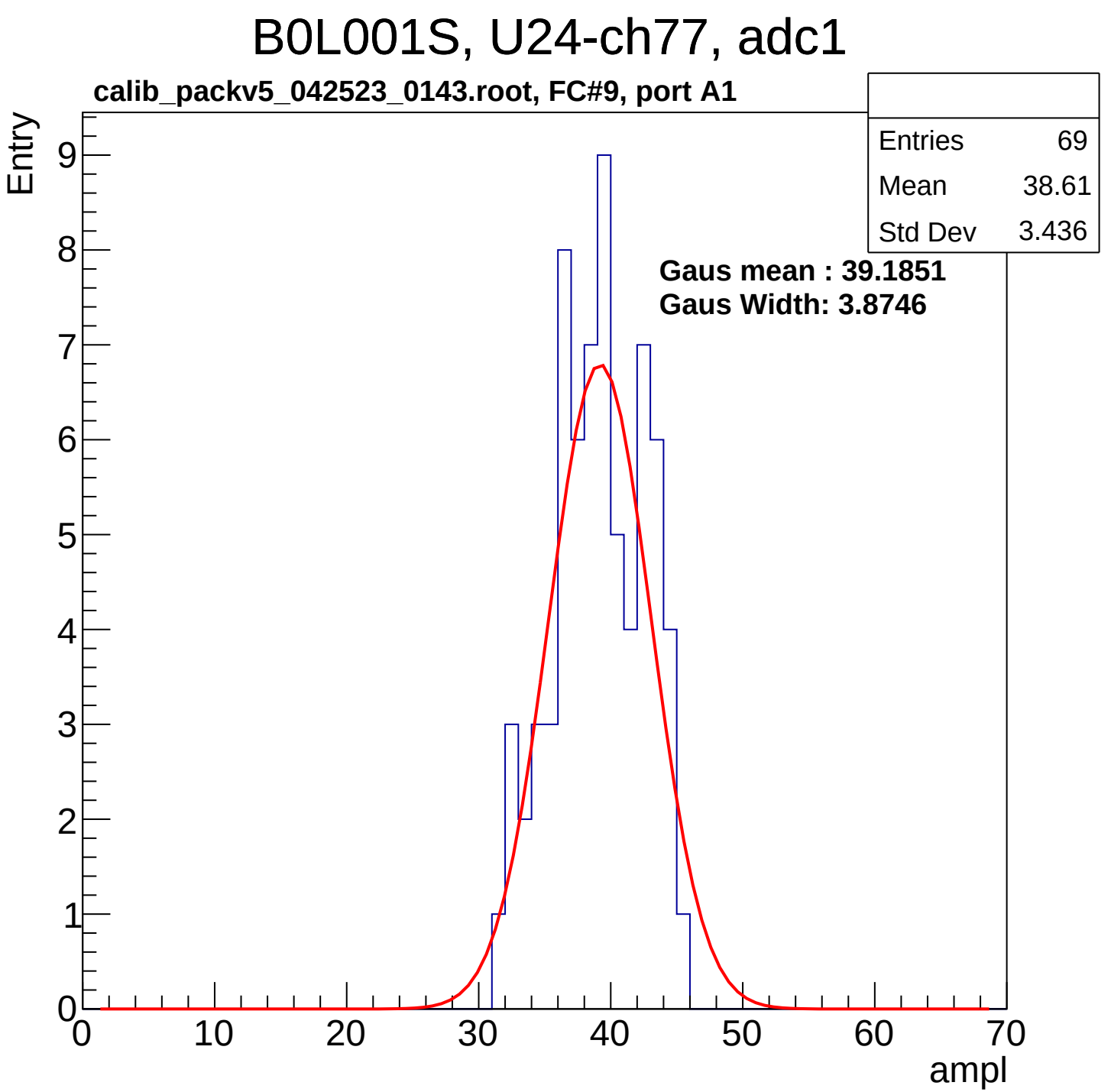
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch77, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 32.26
Std Dev 3.288
Gaus mean : 32.5529
Gaus Width: 3.3406
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch77, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 38.61
Std Dev 3.436
Gaus mean : 39.1851
Gaus Width: 3.8746
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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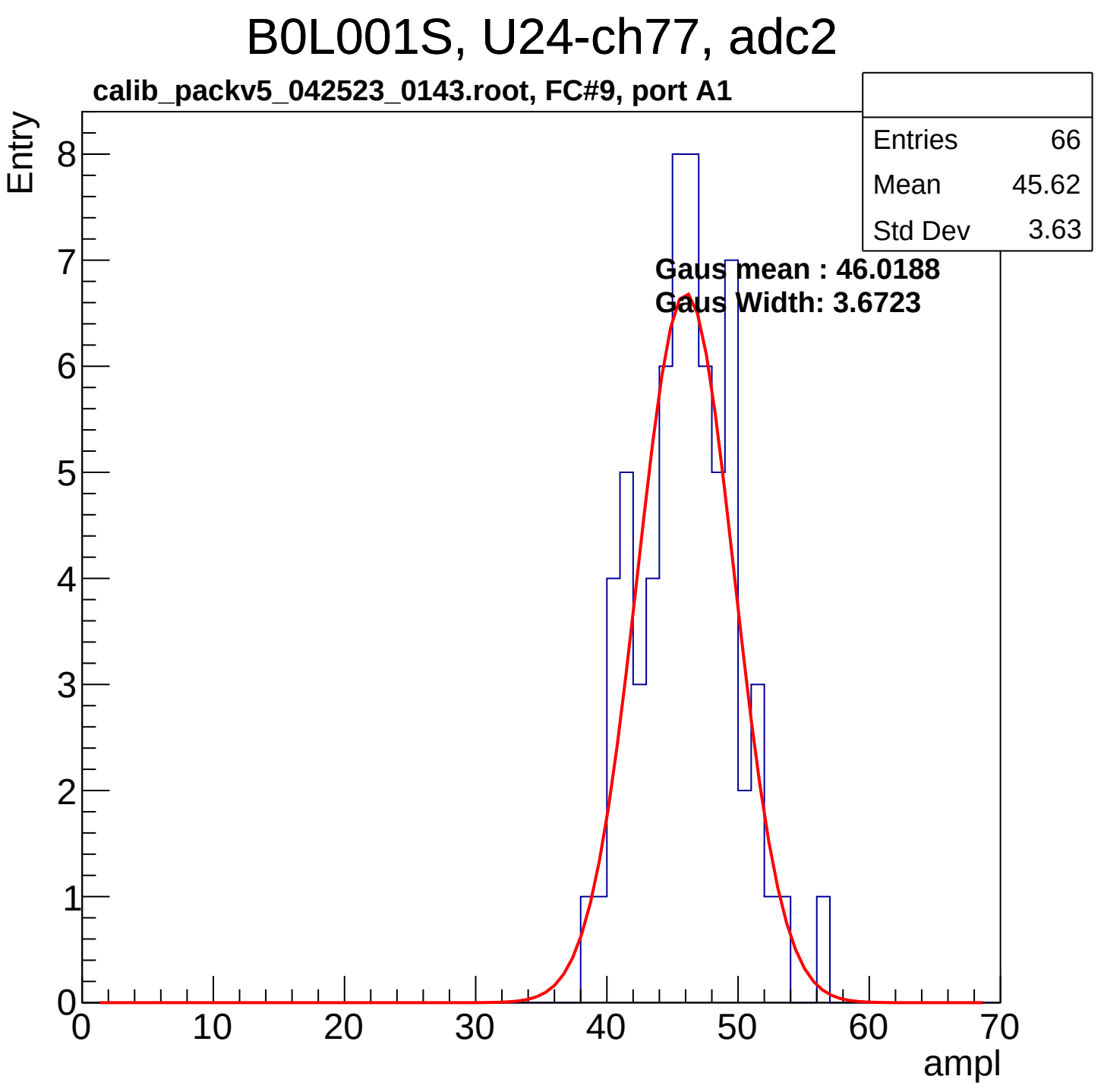
B0L001S, U24-ch77, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 45.62
Std Dev 3.63
Gaus mean : 46.0188
Gaus Width: 3.6723
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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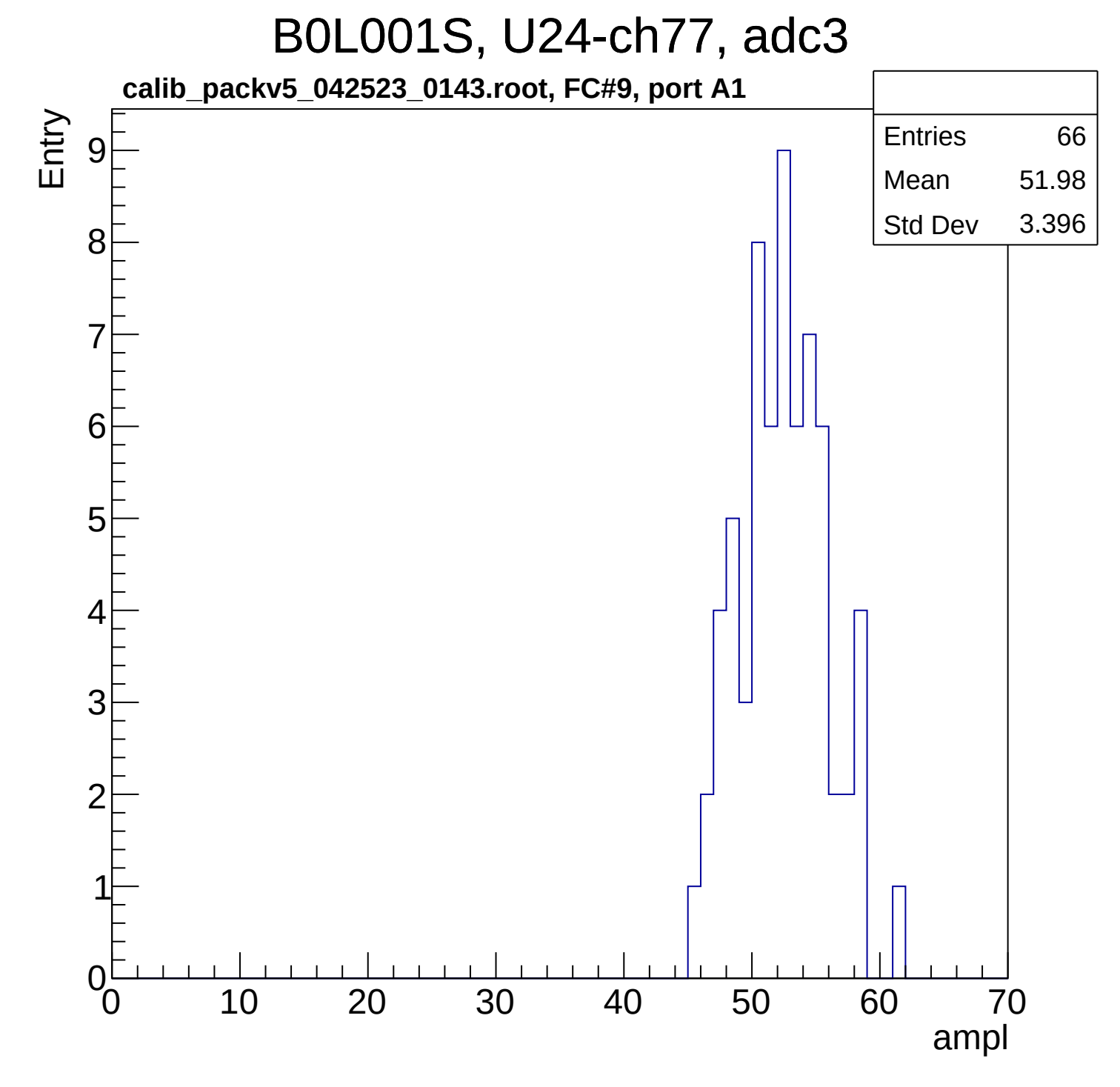
B0L001S, U24-ch77, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 51.98
Std Dev 3.396
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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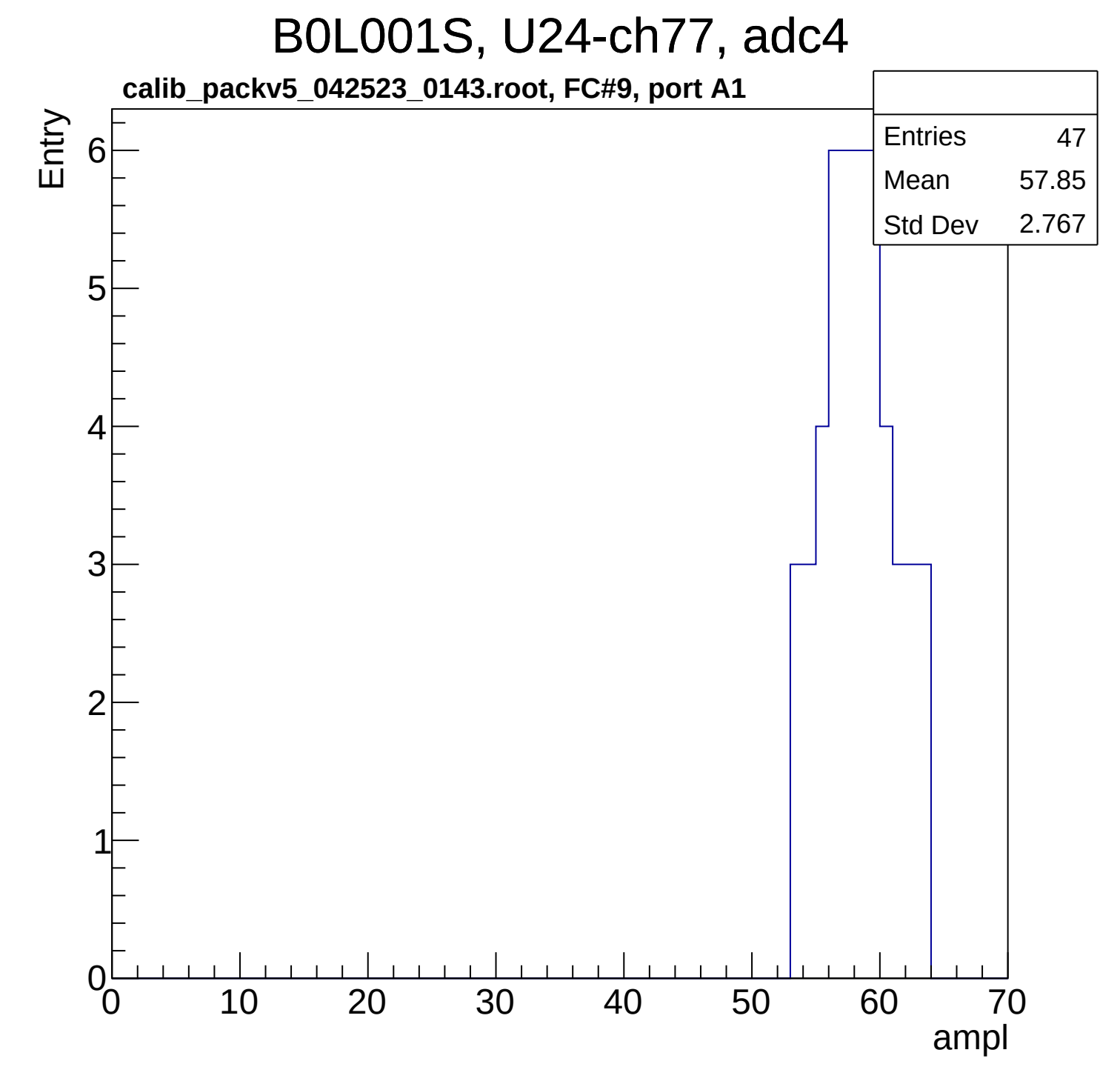
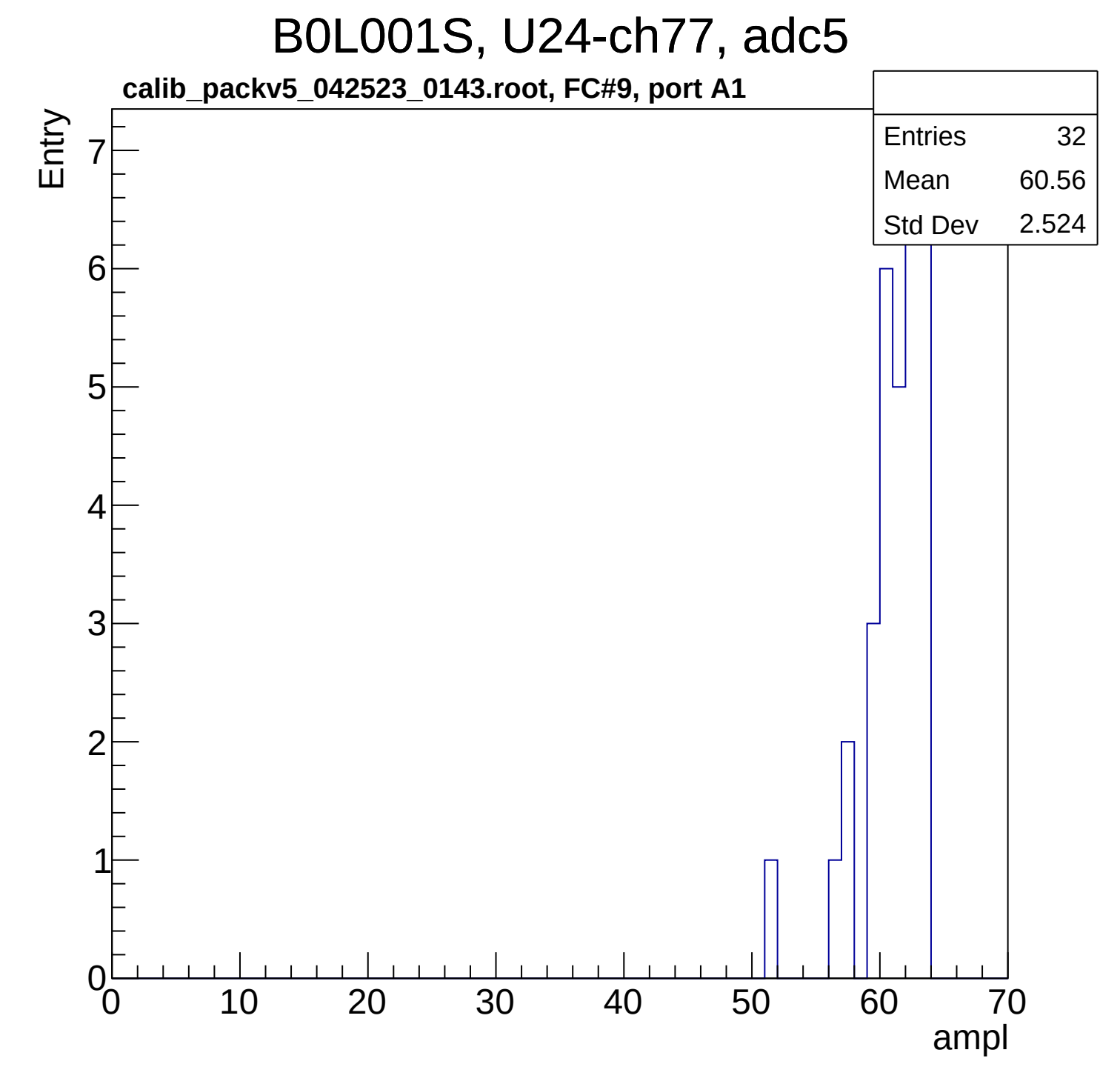
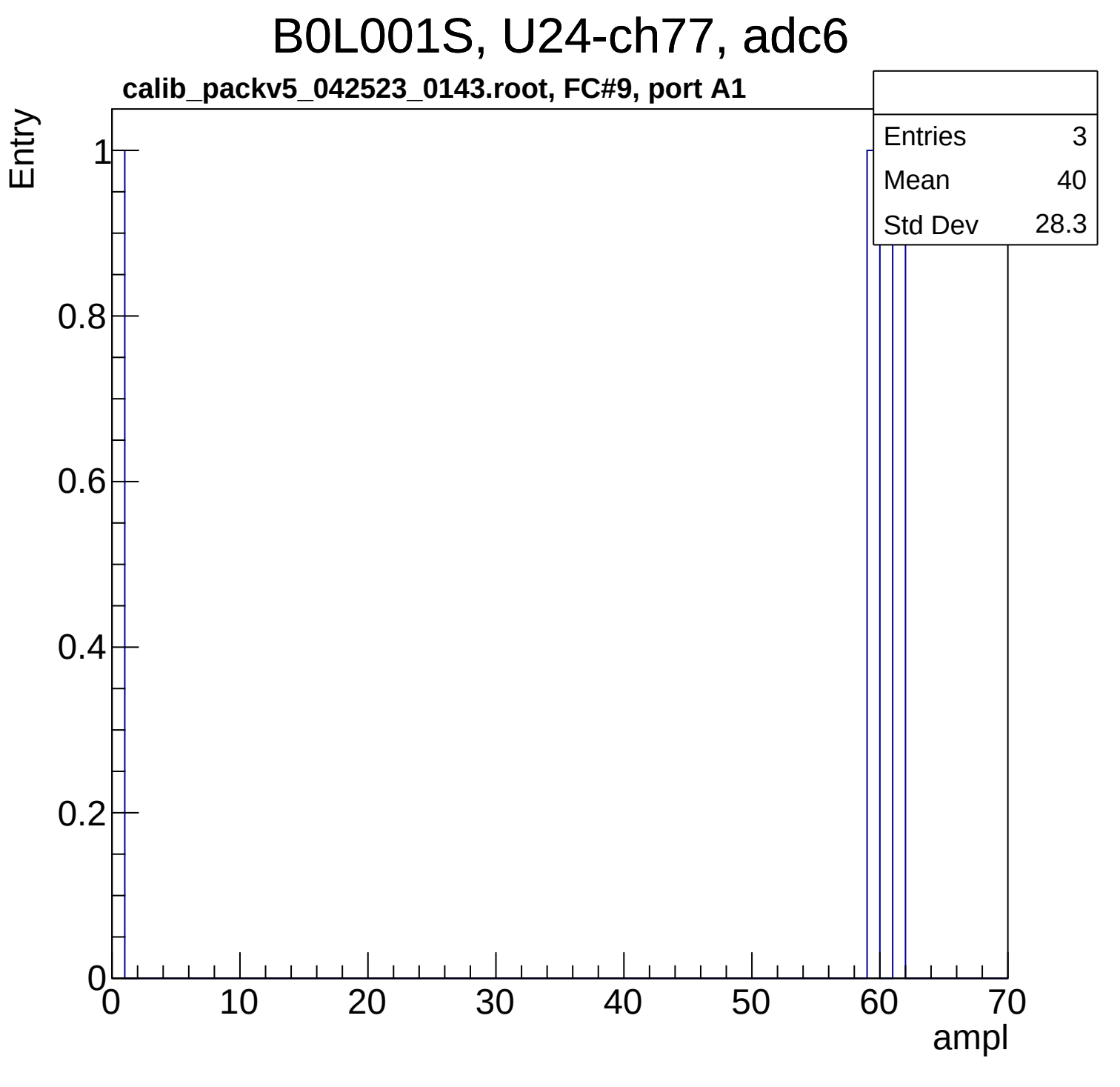
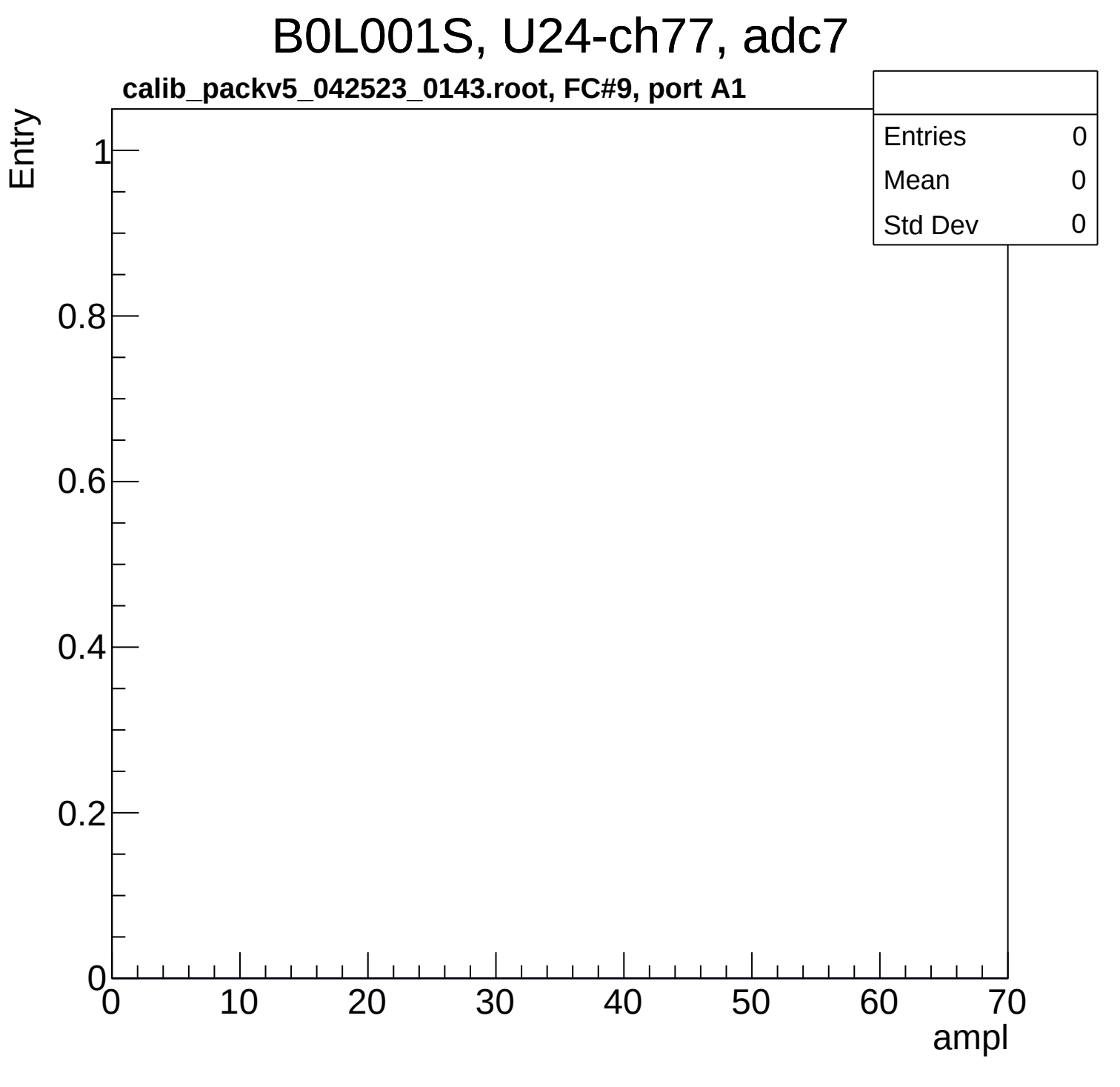
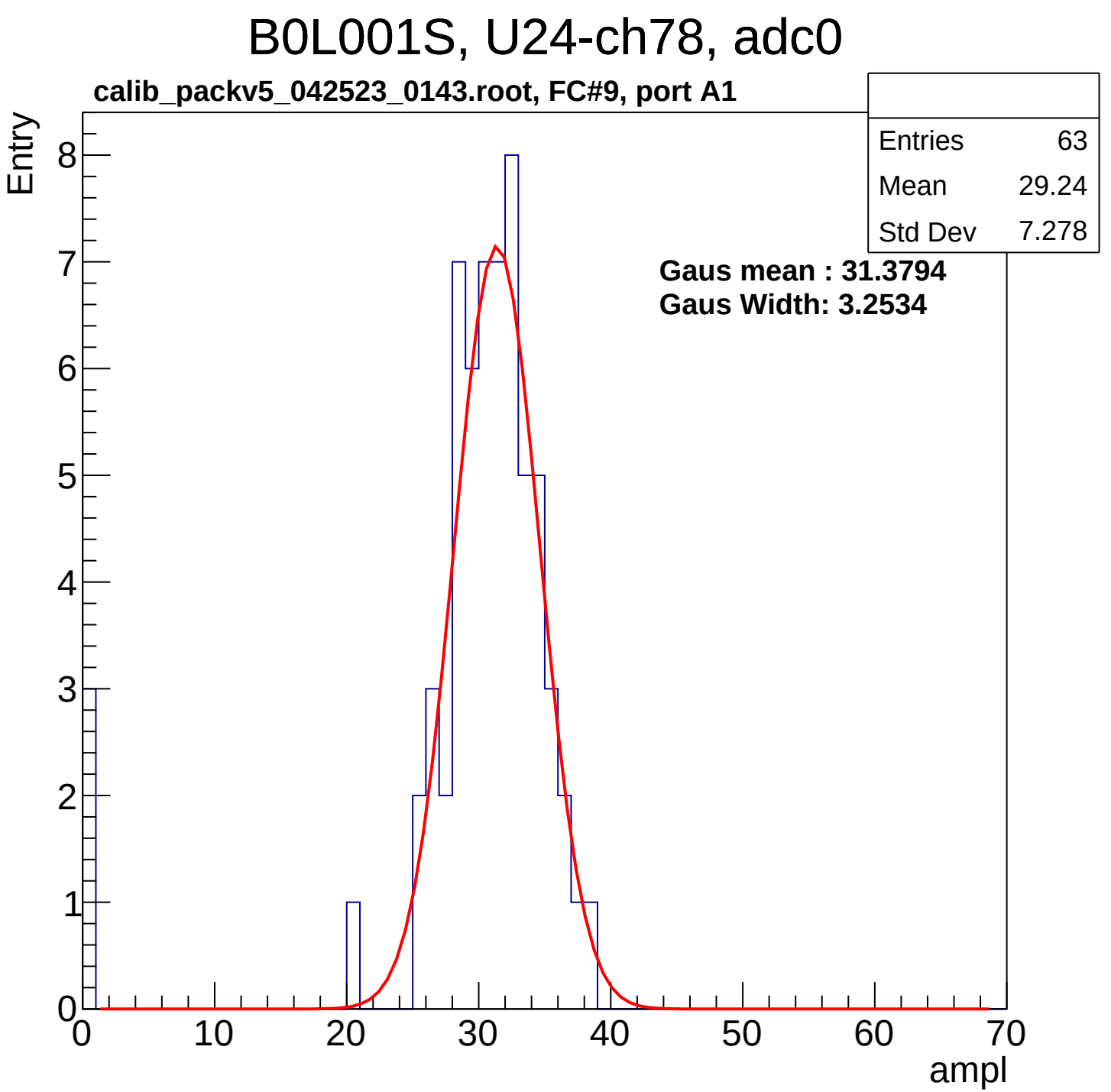

B0L001S, U24-ch77, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 47
Mean 57.85
Std Dev 2.767
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B0L001S, U24-ch77, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 60.56
Std Dev 2.524
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch77, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 40
Std Dev 28.3
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B0L001S, U24-ch77, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch78, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 29.24
Std Dev 7.278
Gaus mean : 31.3794
Gaus Width: 3.2534
Entry
ampl
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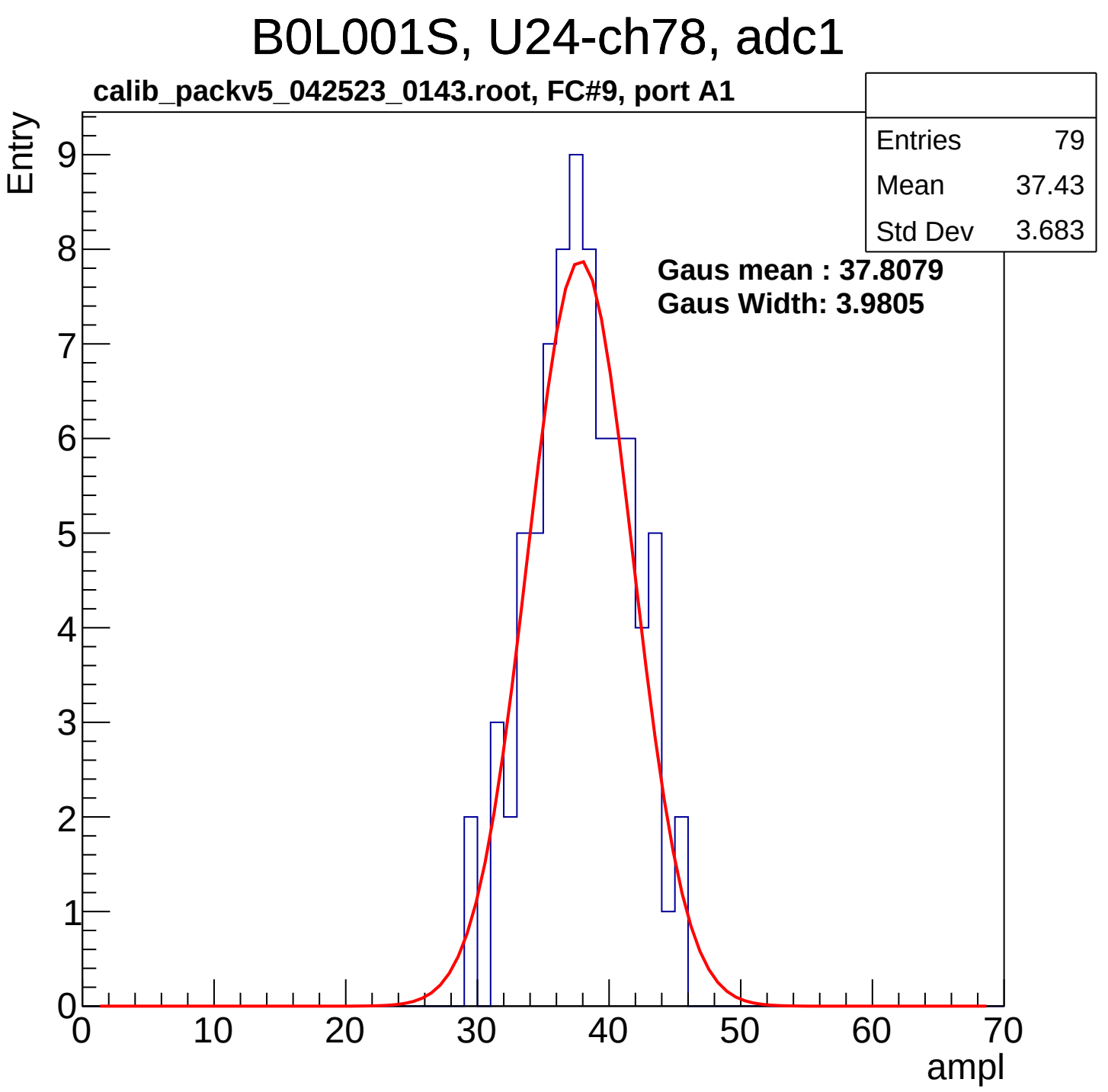
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch78, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 37.43
Std Dev 3.683
Gaus mean : 37.8079
Gaus Width: 3.9805
Entry
ampl
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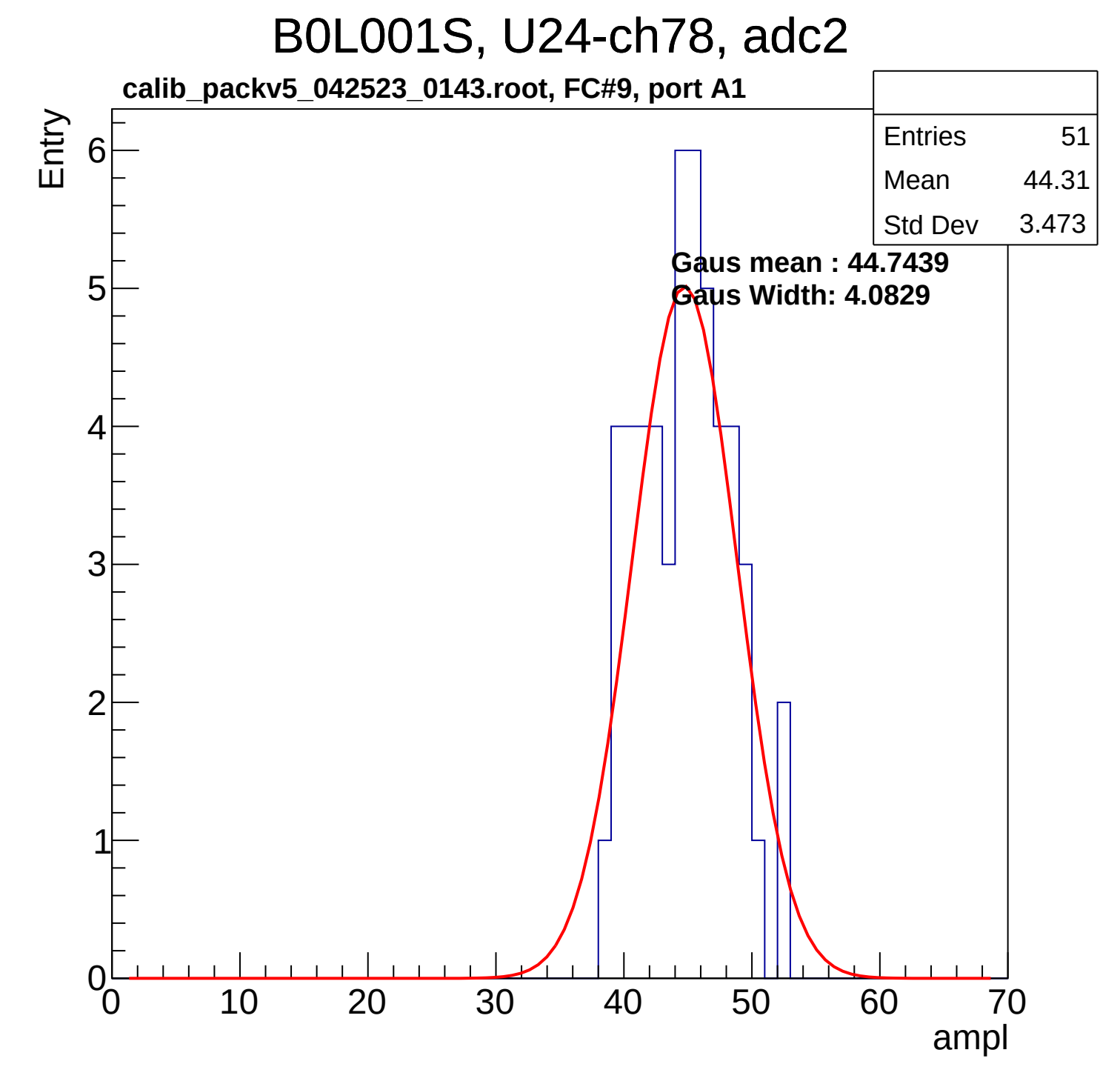
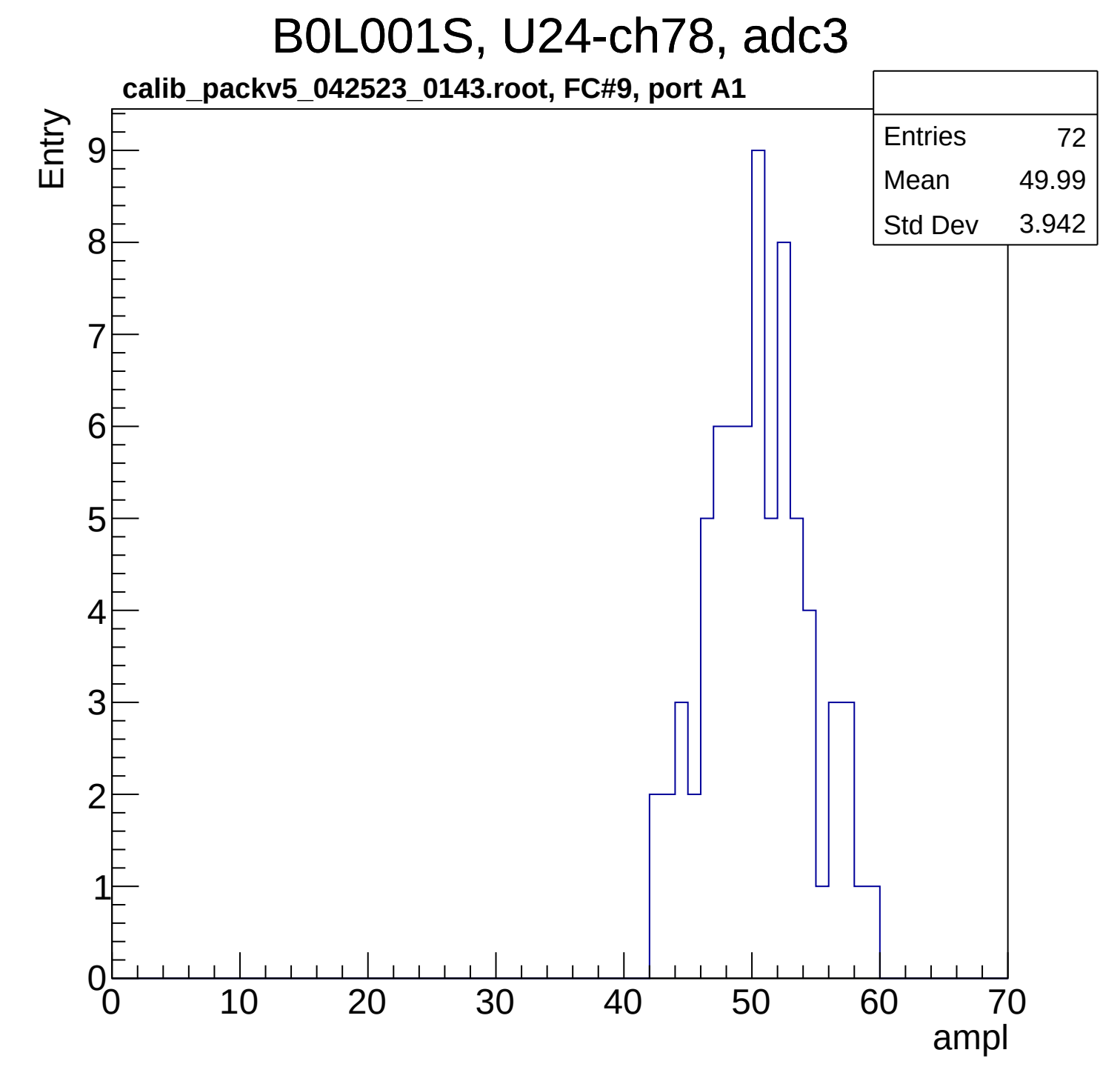
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch78, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 44.31
Std Dev 3.473
Gaus mean : 44.7439
Gaus Width: 4.0829
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B0L001S, U24-ch78, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 49.99
Std Dev 3.942
Entry
ampl
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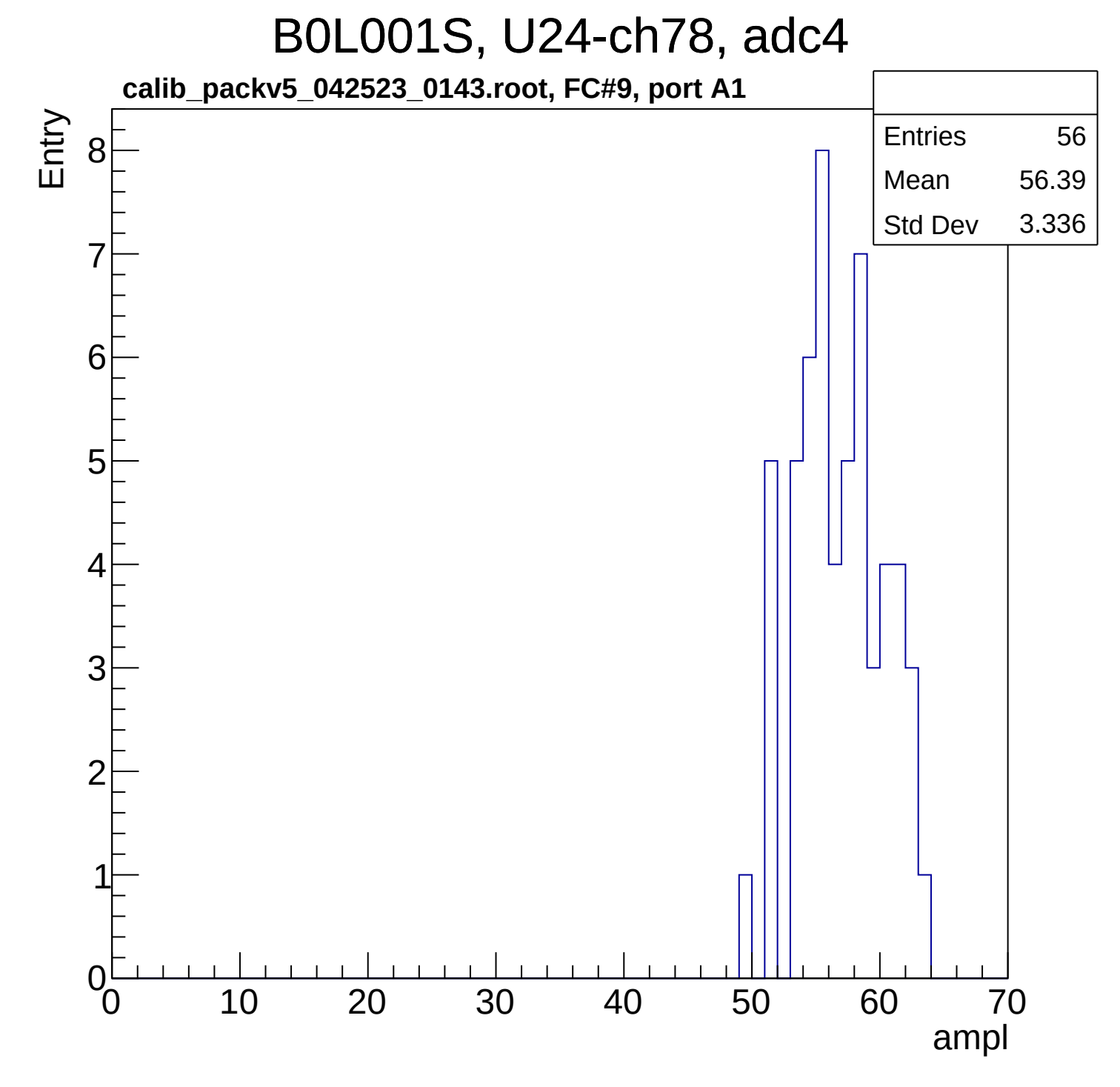
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch78, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 56.39
Std Dev 3.336
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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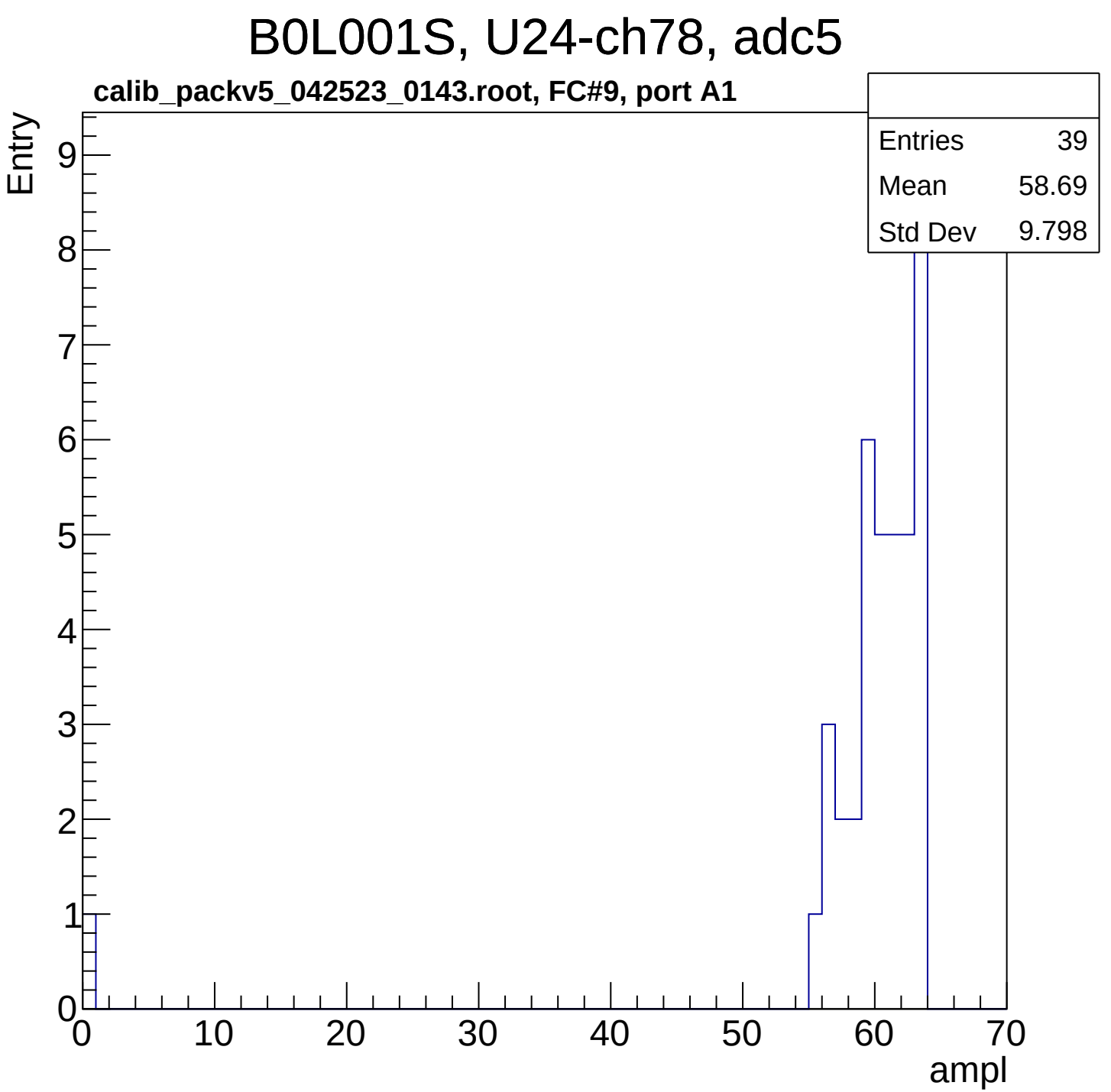
B0L001S, U24-ch78, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 58.69
Std Dev 9.798
Entry
ampl
0
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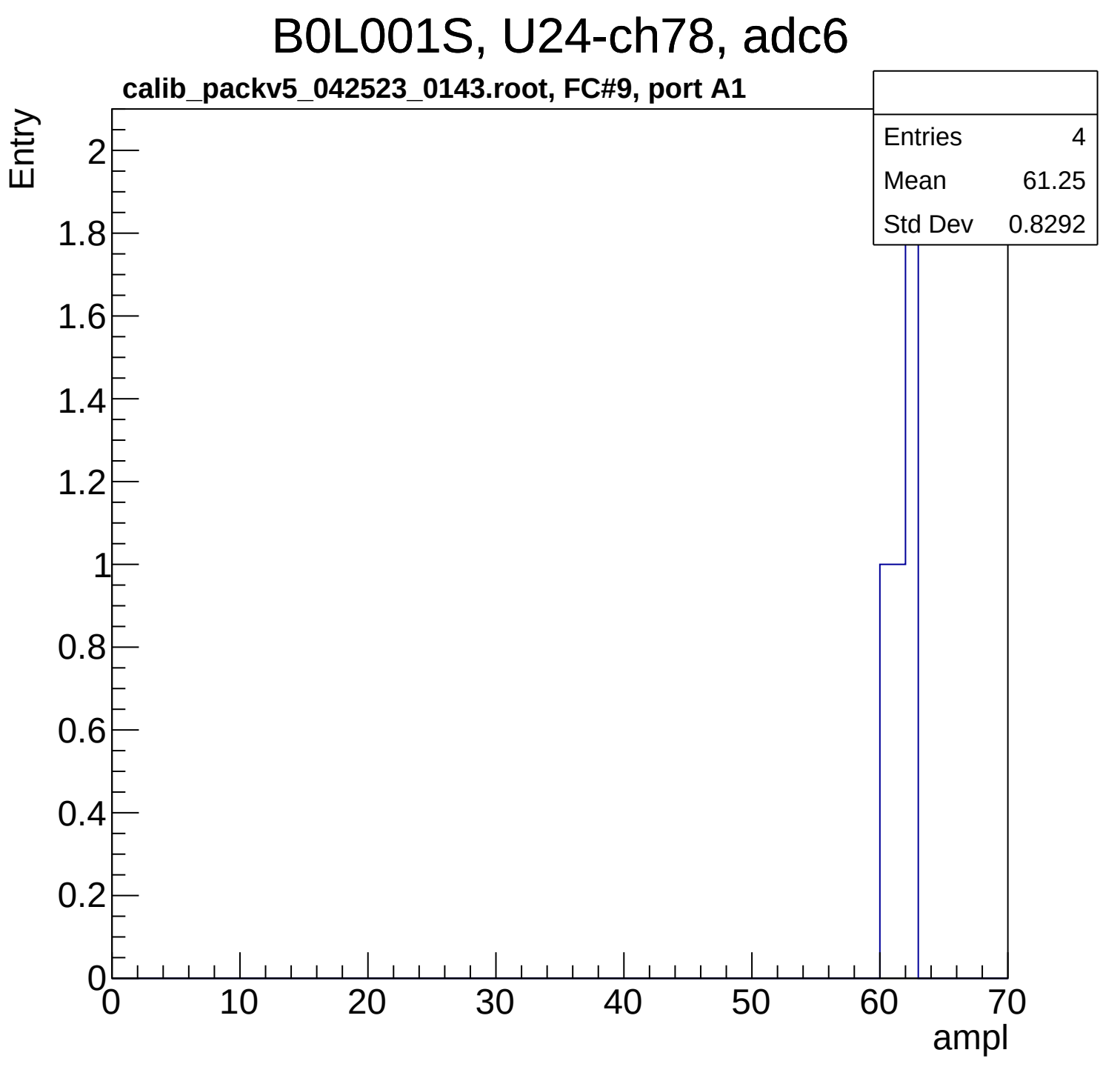
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch78, adc6
calib_packv5_042523_0143.root, FC#9, port A1
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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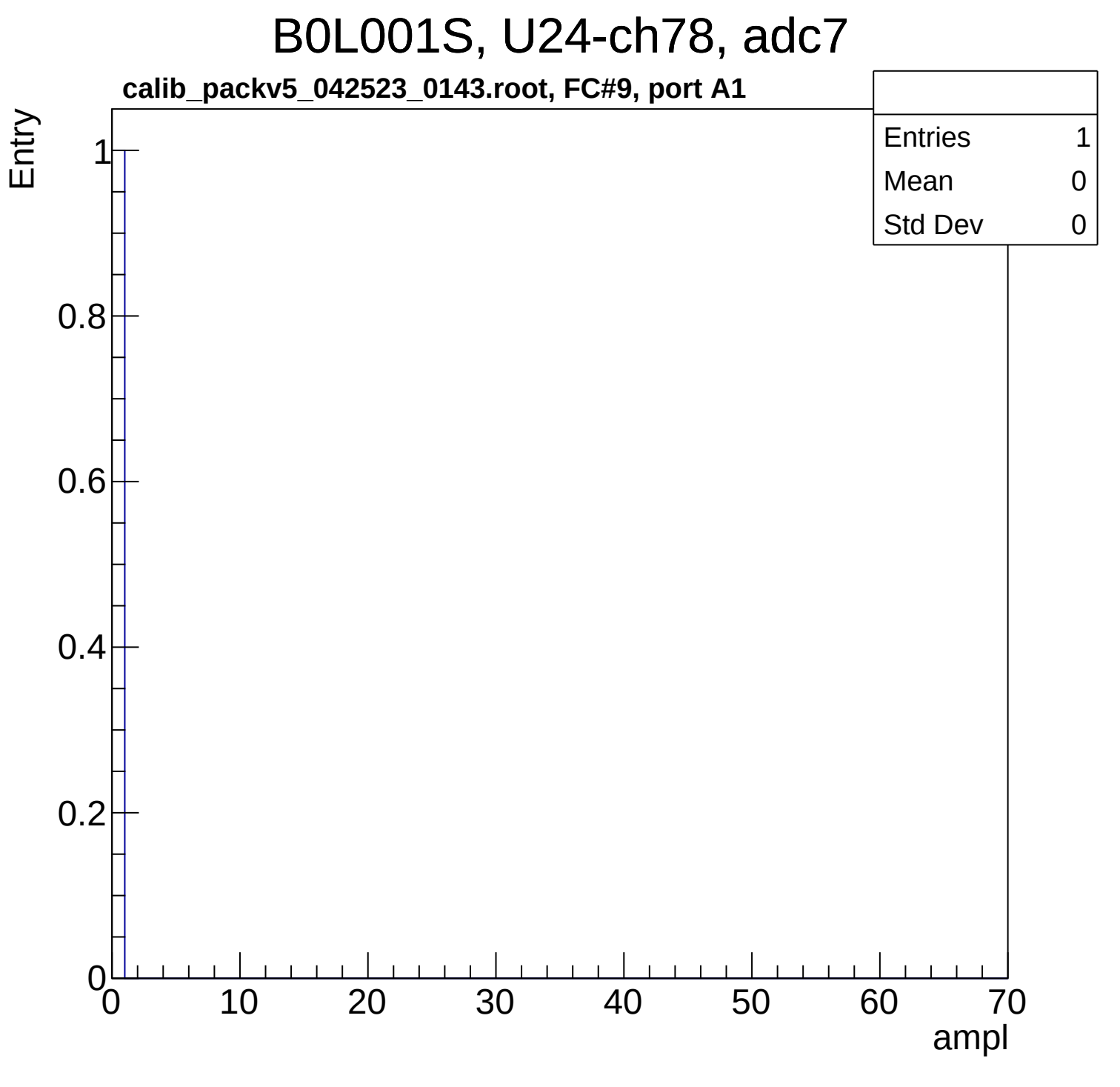
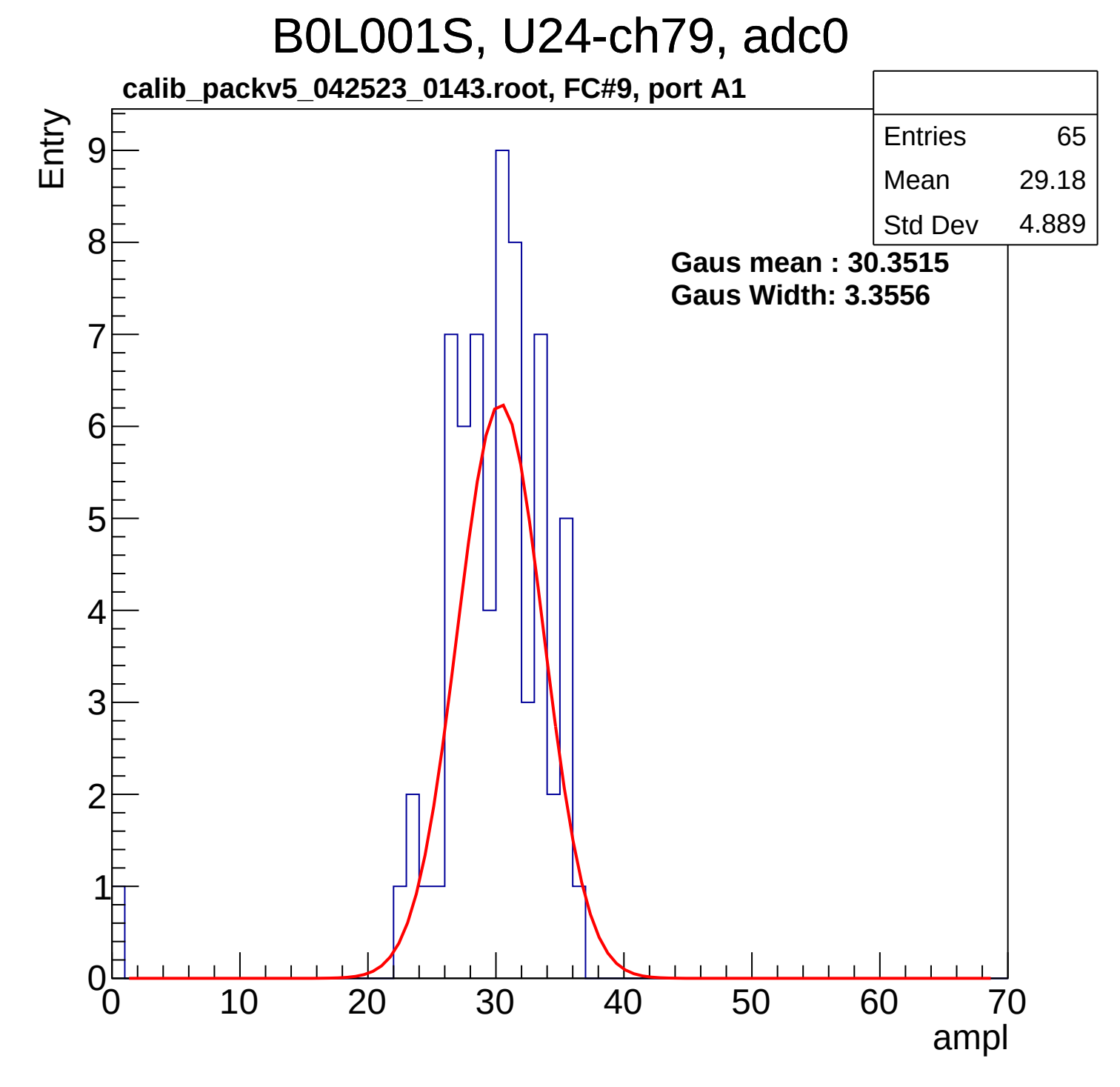

B0L001S, U24-ch78, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch79, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 29.18
Std Dev 4.889
Gaus mean : 30.3515
Gaus Width: 3.3556
Entry
ampl
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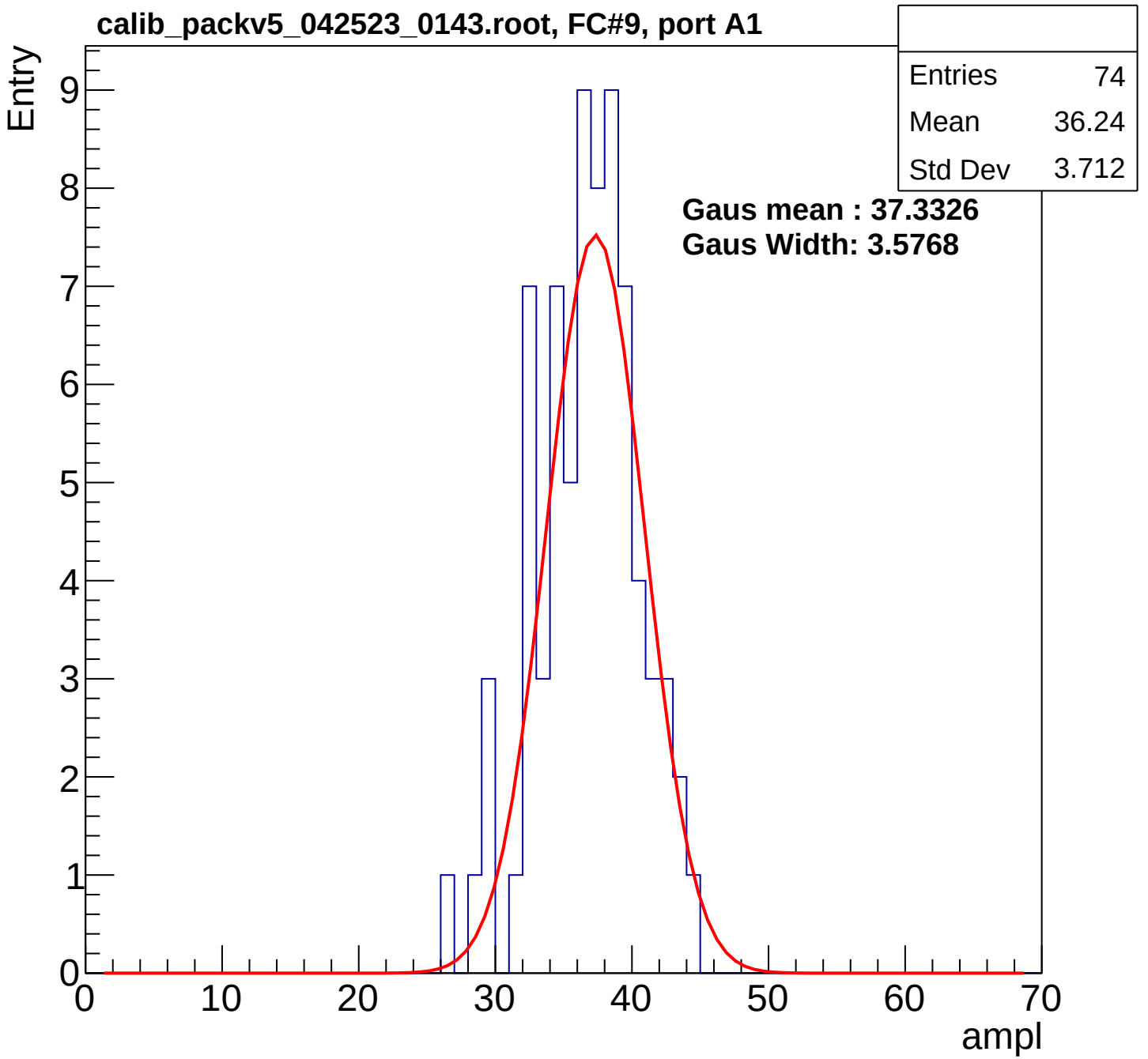
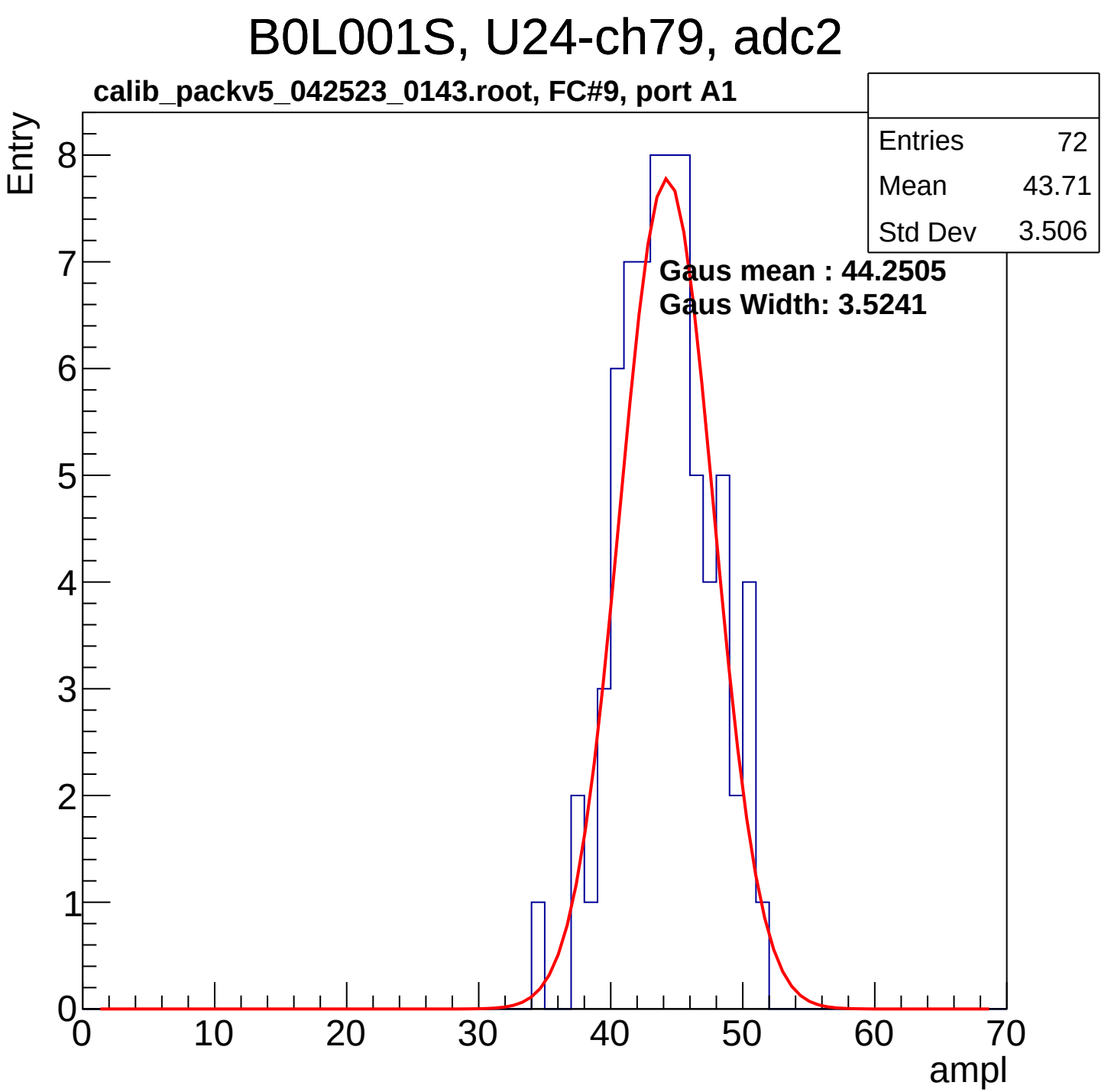
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch79, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 36.24
Std Dev 3.712
Gaus mean : 37.3326
Gaus Width: 3.5768
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch79, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 43.71
Std Dev 3.506
Gaus mean : 44.2505
Gaus Width: 3.5241
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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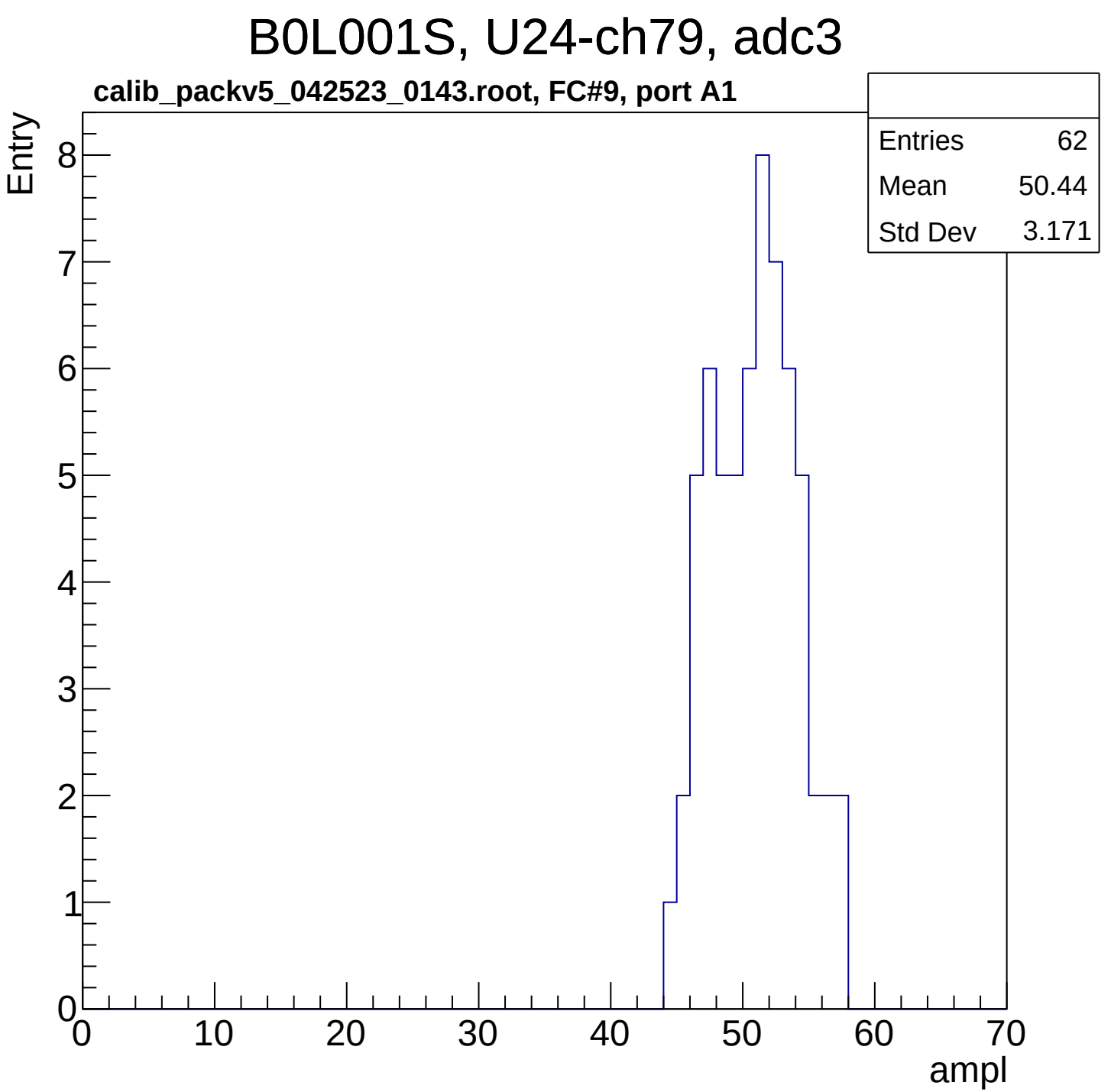
B0L001S, U24-ch79, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 50.44
Std Dev 3.171
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
50
60
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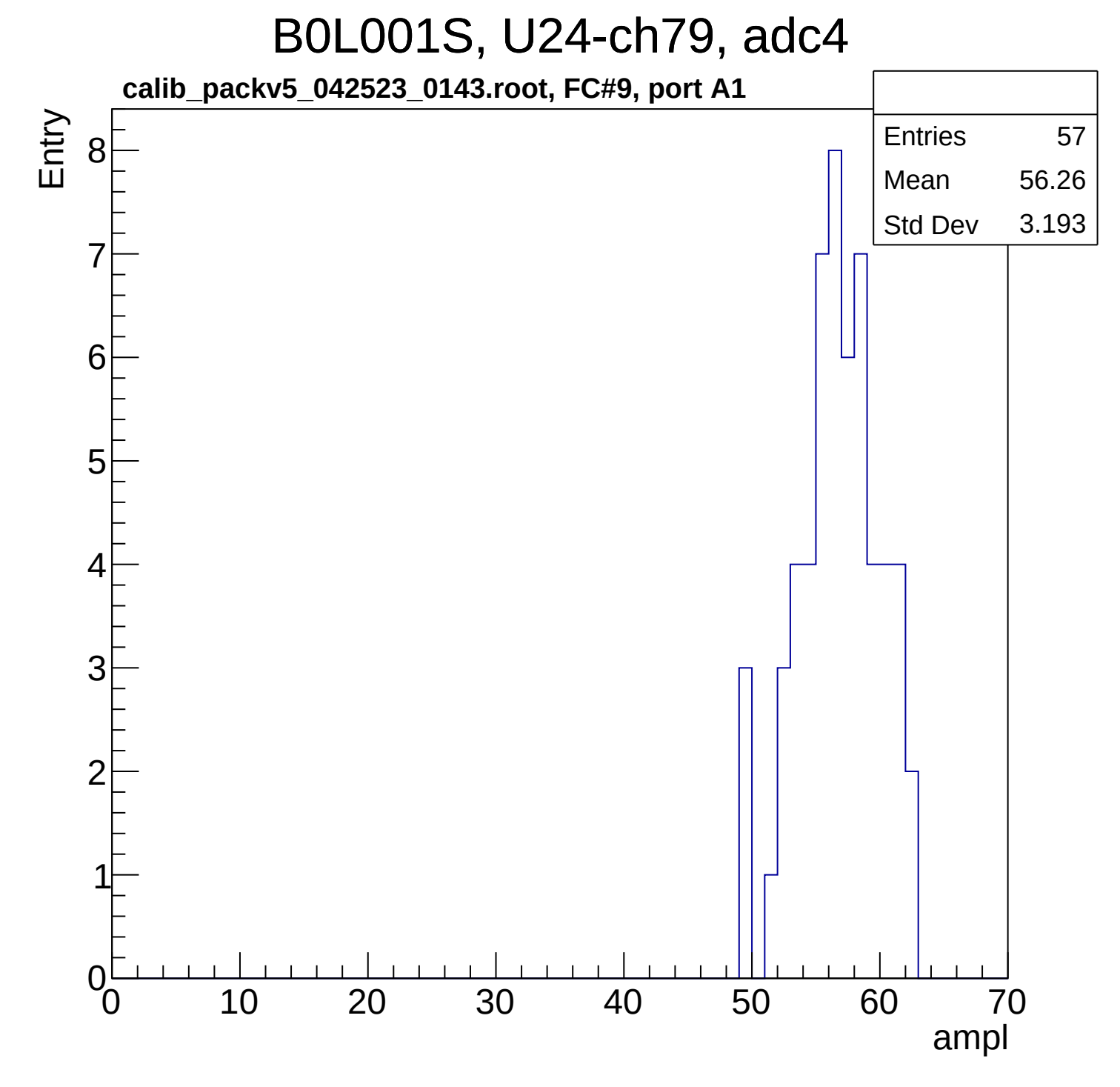
B0L001S, U24-ch79, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.26
Std Dev 3.193
Entry
ampl
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1
2
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4
5
6
7
8
0
10
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40
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60
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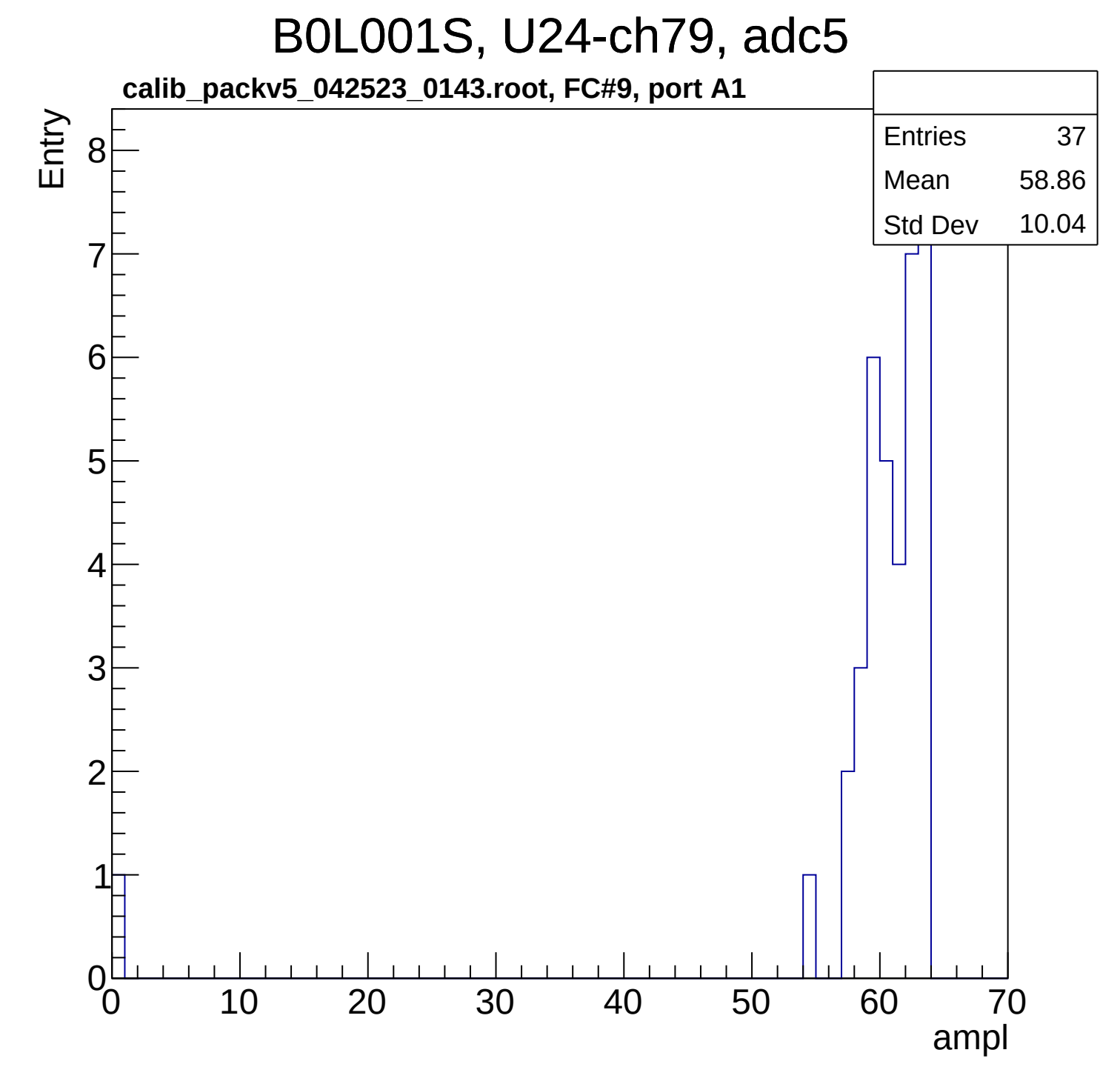
B0L001S, U24-ch79, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.86
Std Dev 10.04
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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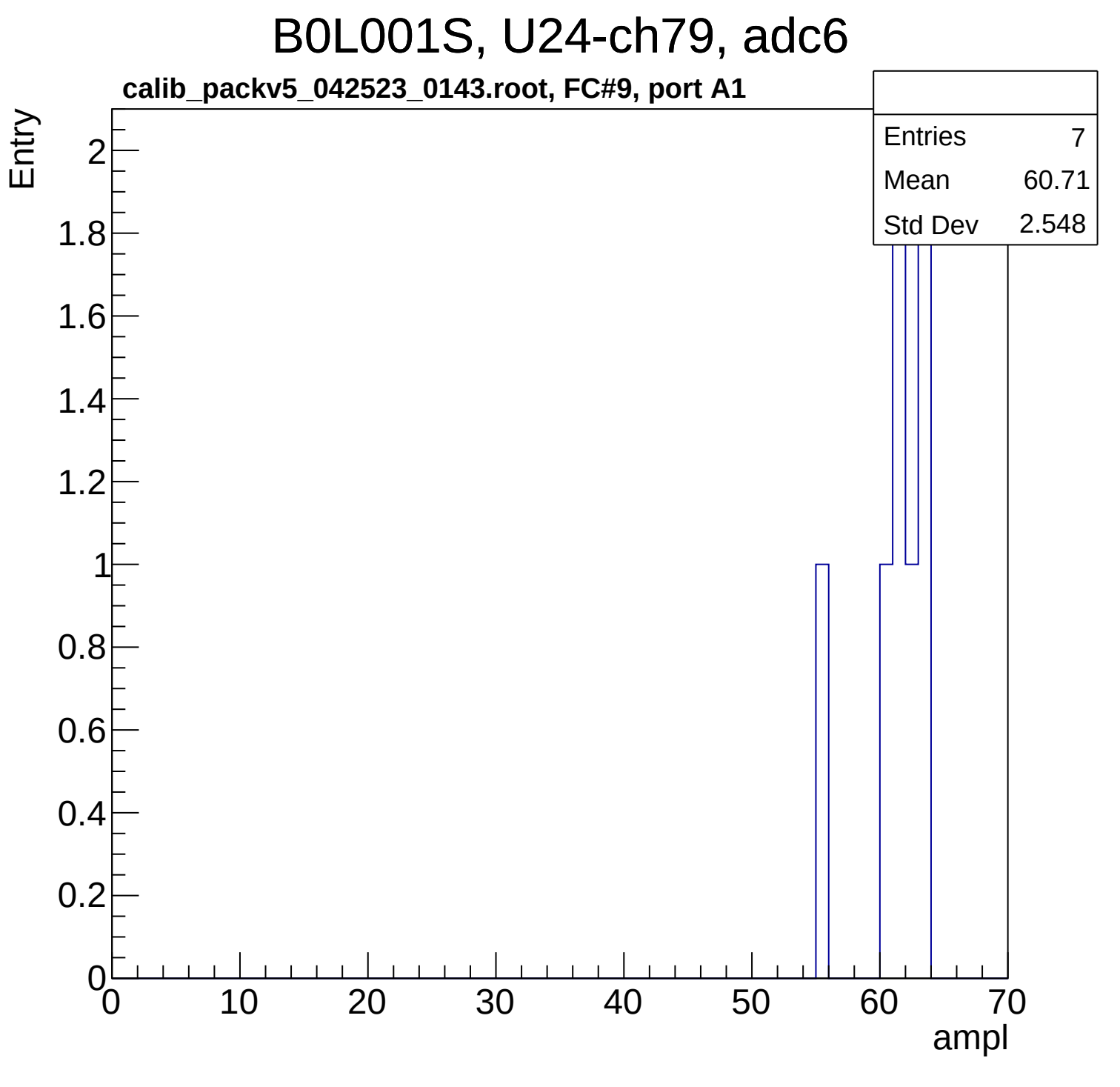
60
70


B0L001S, U24-ch79, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 60.71
Std Dev 2.548
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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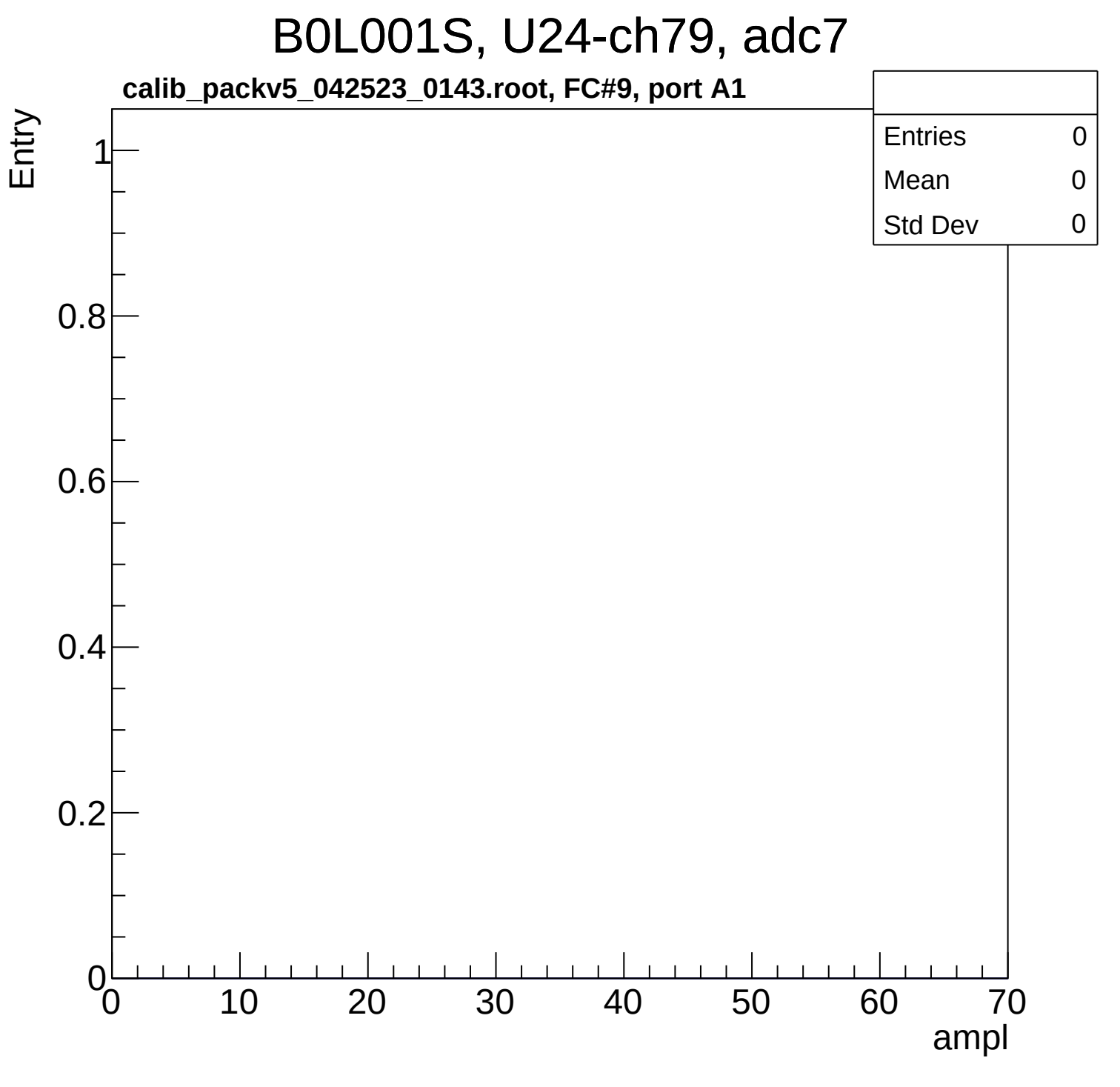
20
30
40
50
60
70


B0L001S, U24-ch79, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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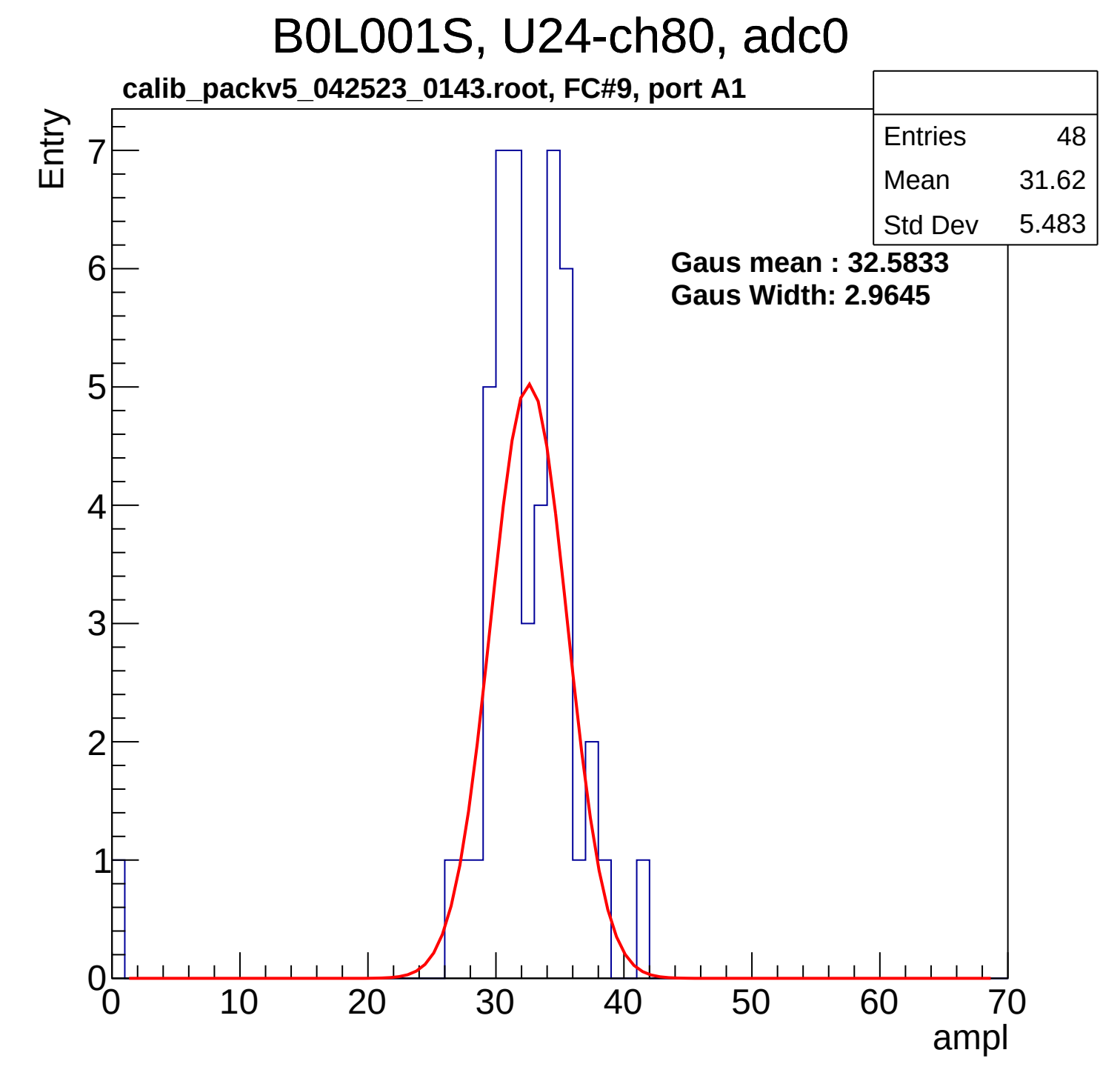
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch80, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 31.62
Std Dev 5.483
Gaus mean : 32.5833
Gaus Width: 2.9645
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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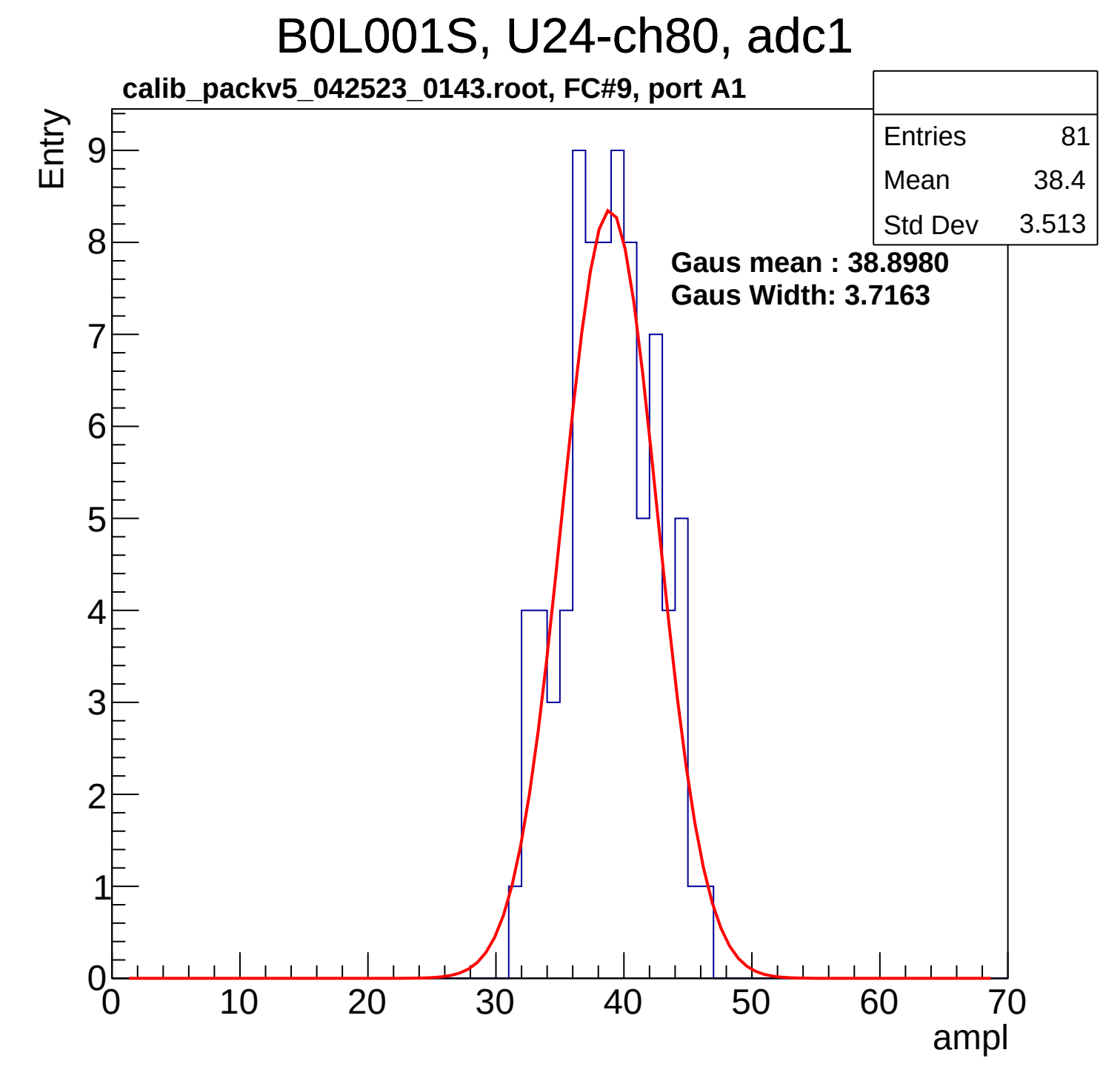
40
50
60
70


B0L001S, U24-ch80, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 38.4
Std Dev 3.513
Gaus mean : 38.8980
Gaus Width: 3.7163
Entry
ampl
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10
20
30
40
50
60
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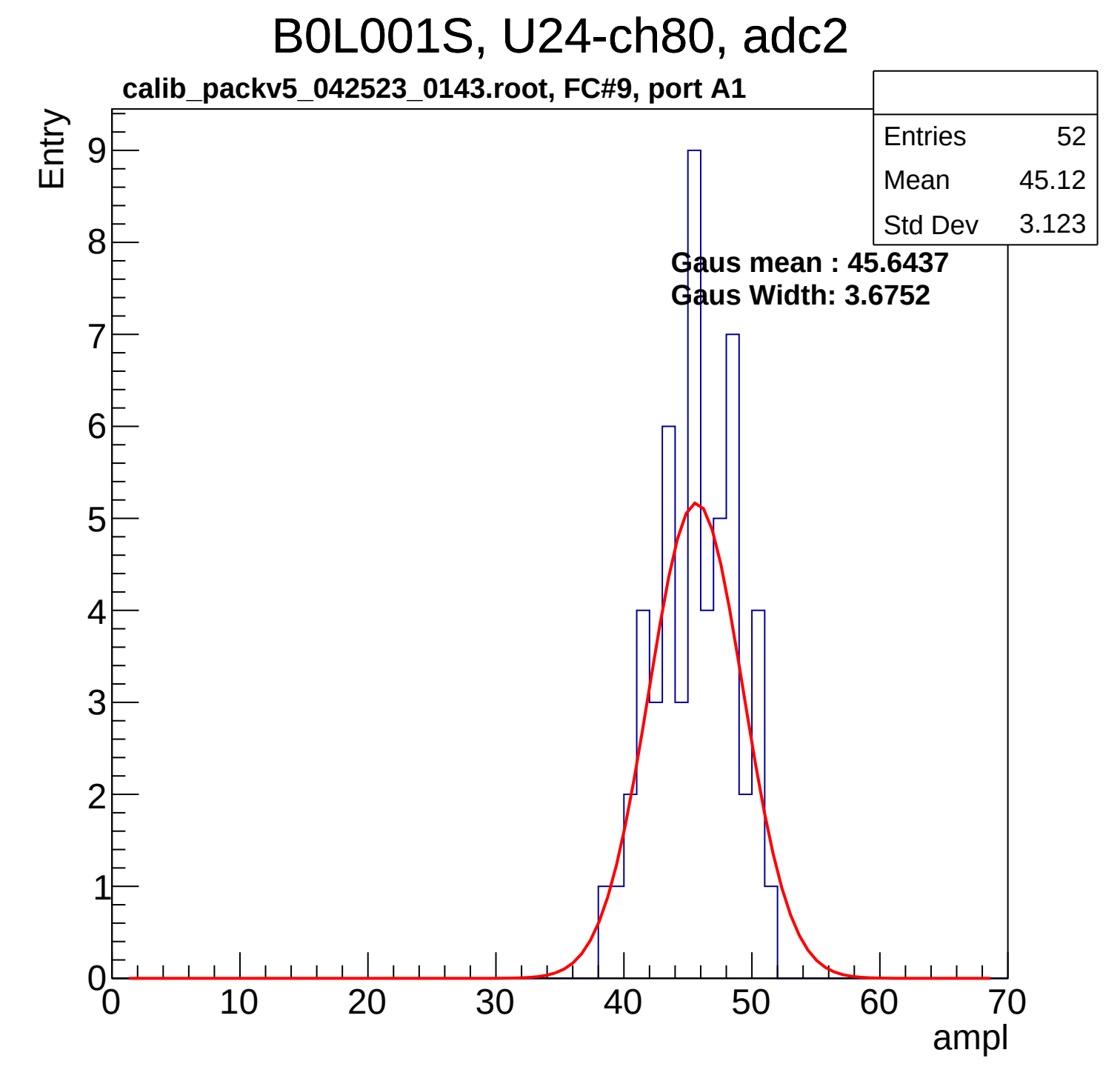
1
2
3
4
5
6
7
8
9


B0L001S, U24-ch80, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 45.12
Std Dev 3.123
Gaus mean : 45.6437
Gaus Width: 3.6752
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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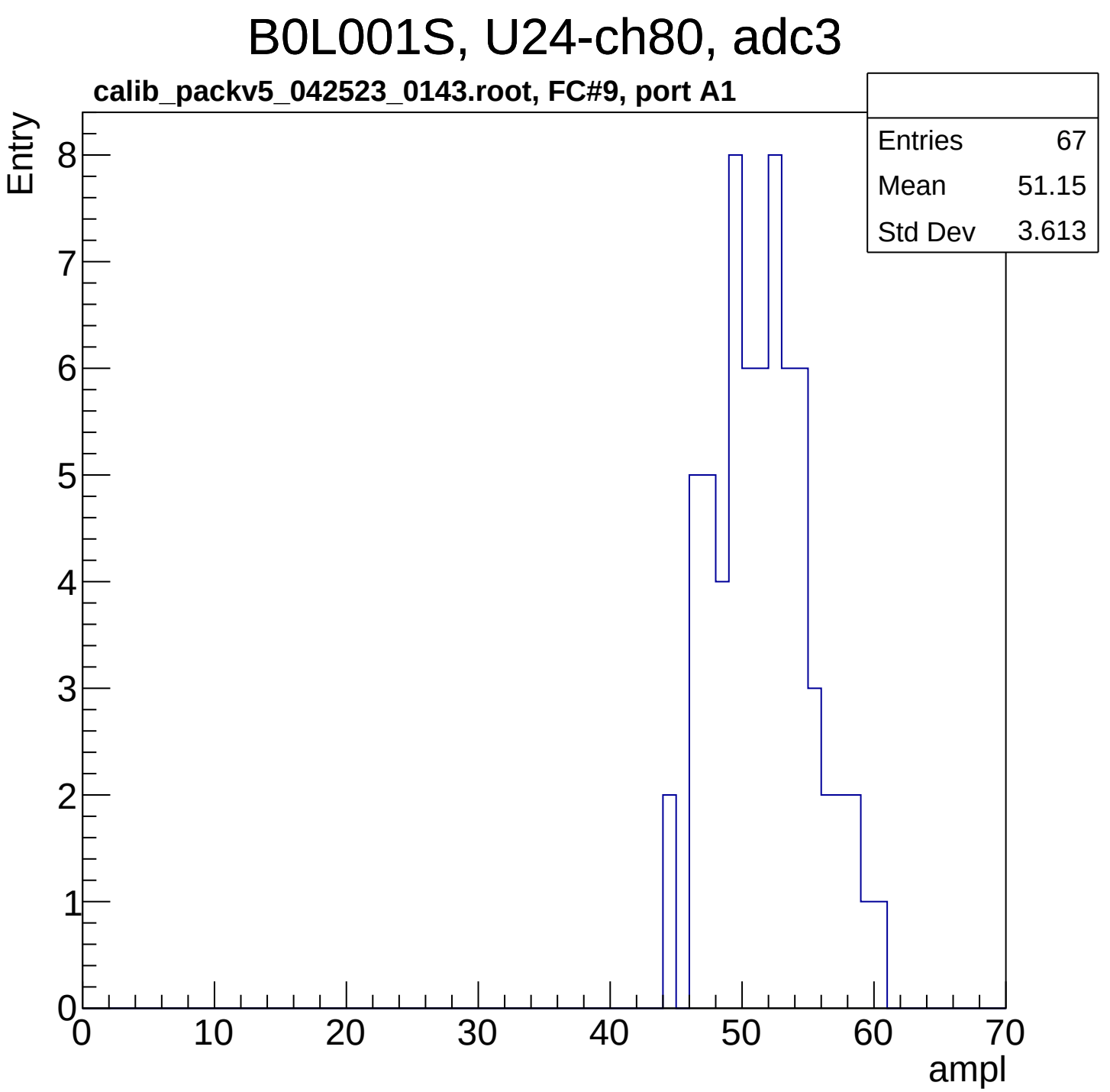
B0L001S, U24-ch80, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 51.15
Std Dev 3.613
Entry
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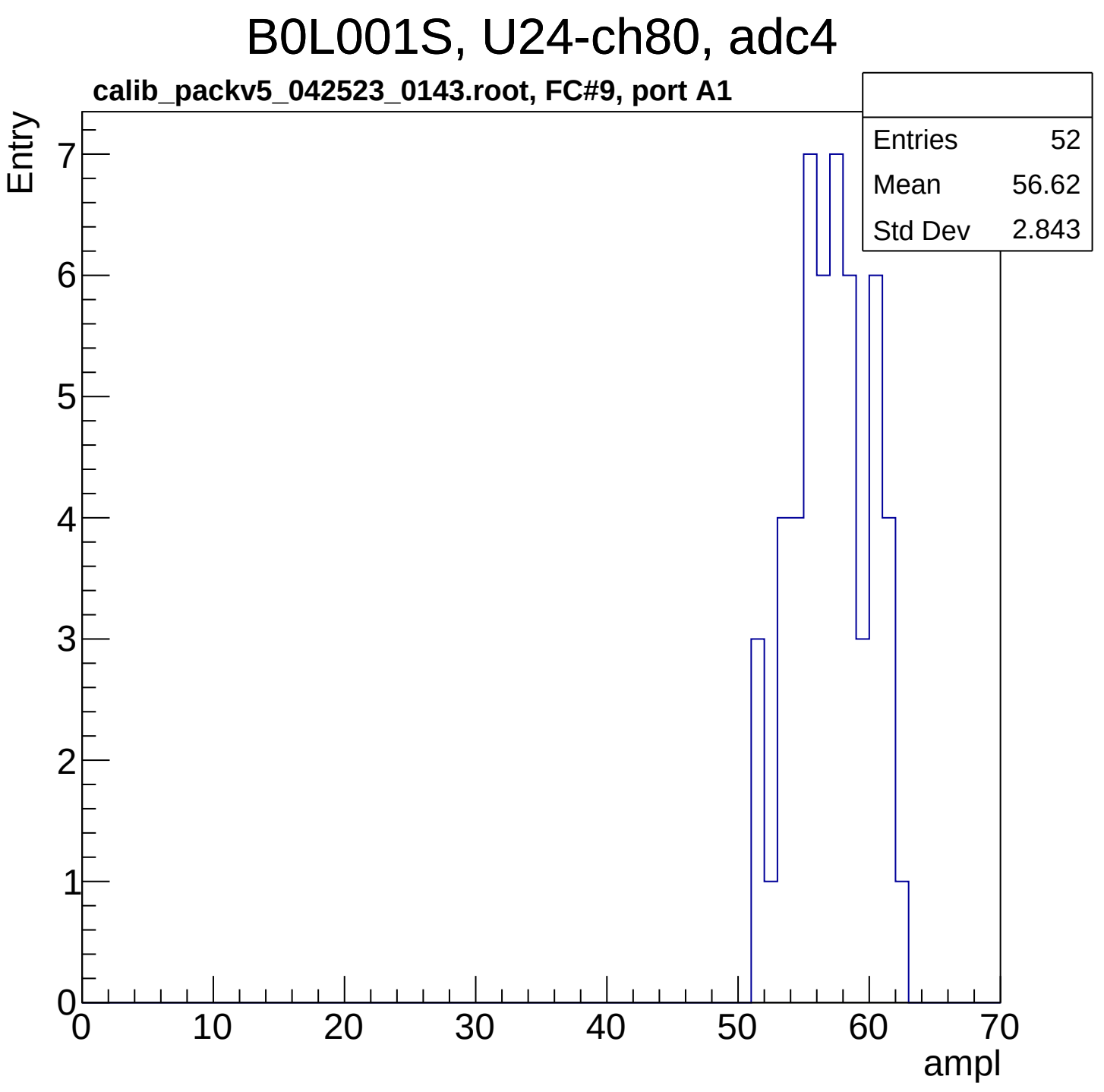
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch80, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 56.62
Std Dev 2.843
Entry
ampl
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1
2
3
4
5
6
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0
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20
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40
50
60
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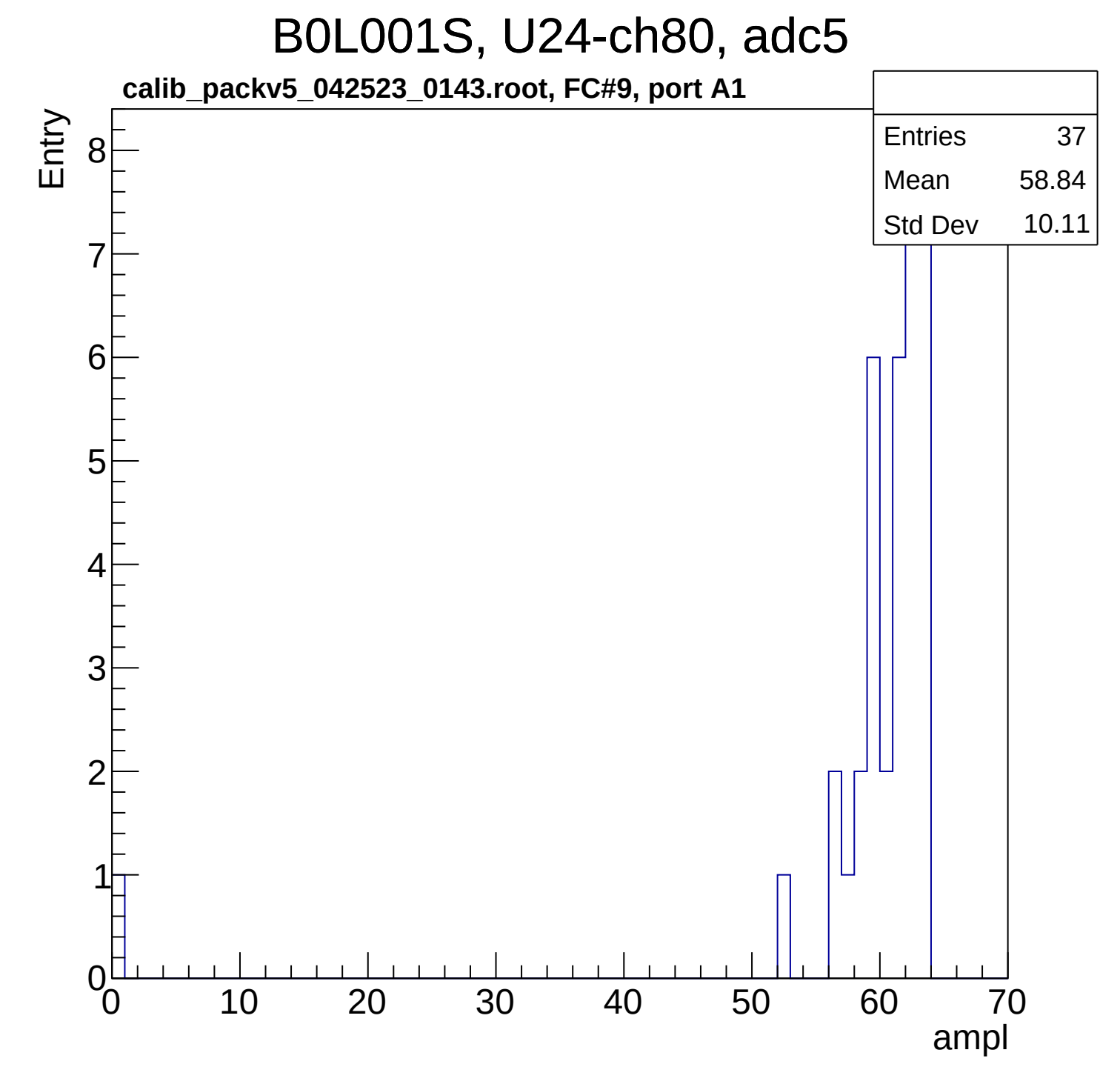
B0L001S, U24-ch80, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.84
Std Dev 10.11
Entry
ampl
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1
2
3
4
5
6
7
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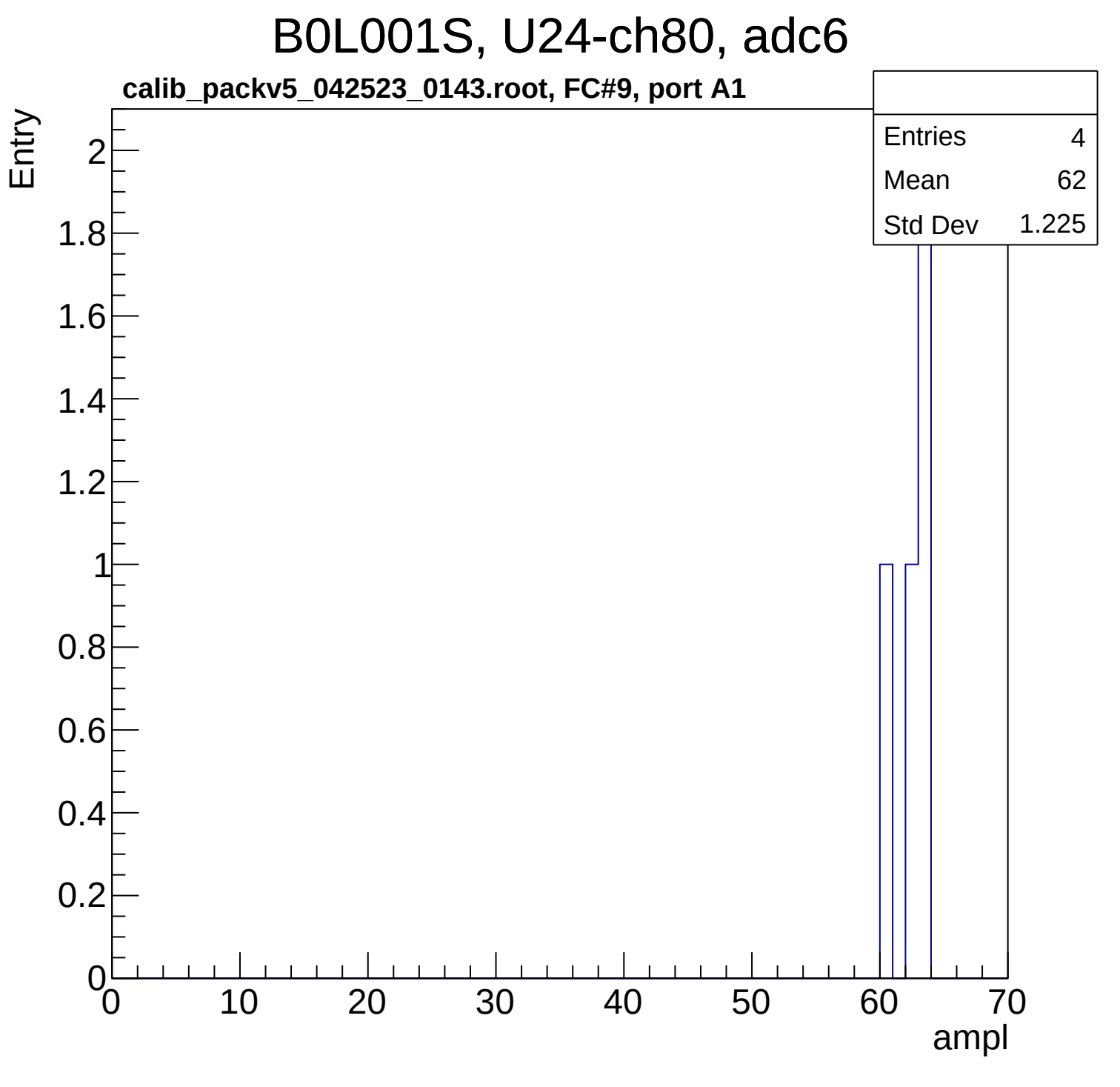
B0L001S, U24-ch80, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62
Std Dev 1.225
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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60
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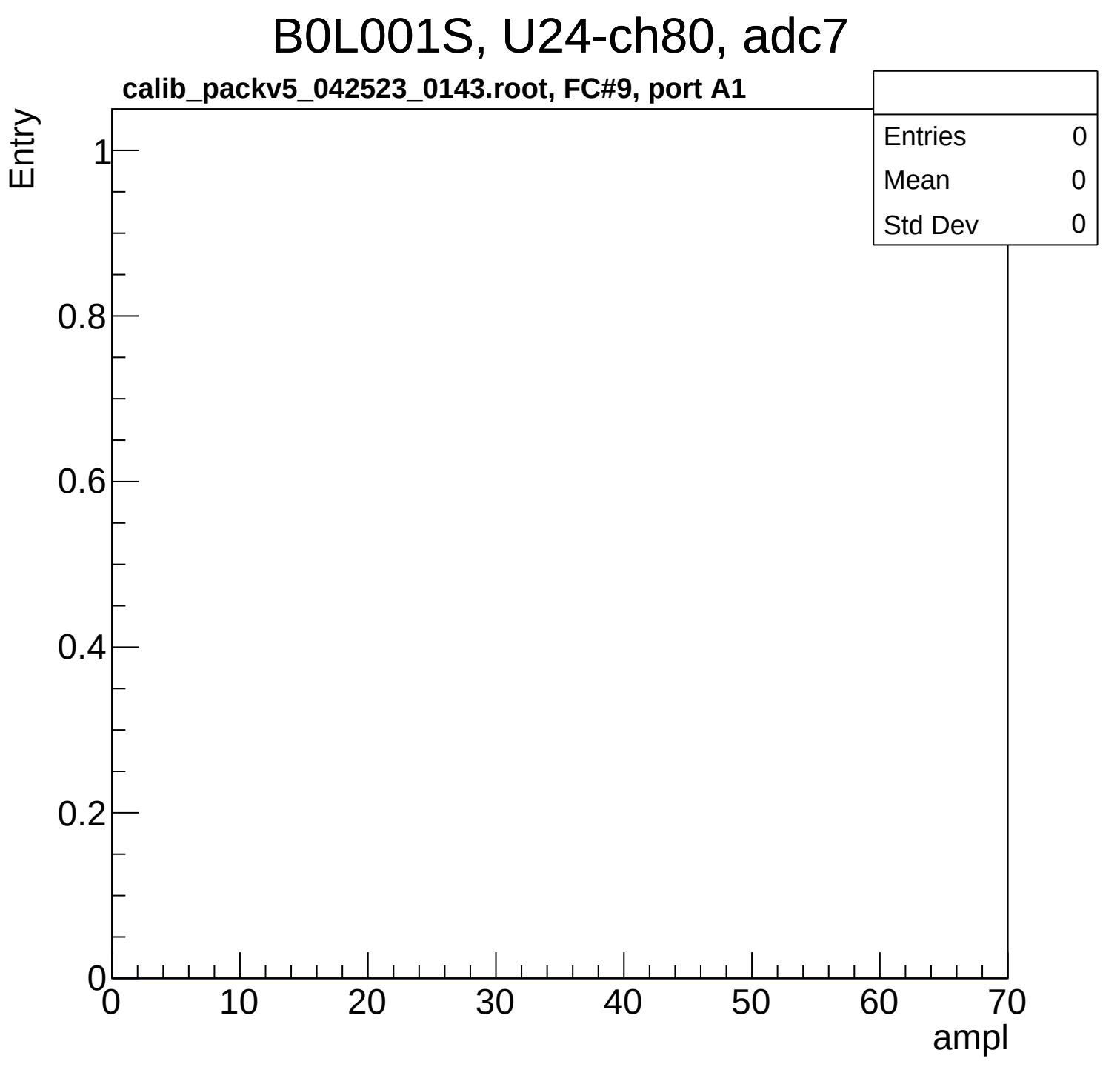
B0L001S, U24-ch80, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
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0
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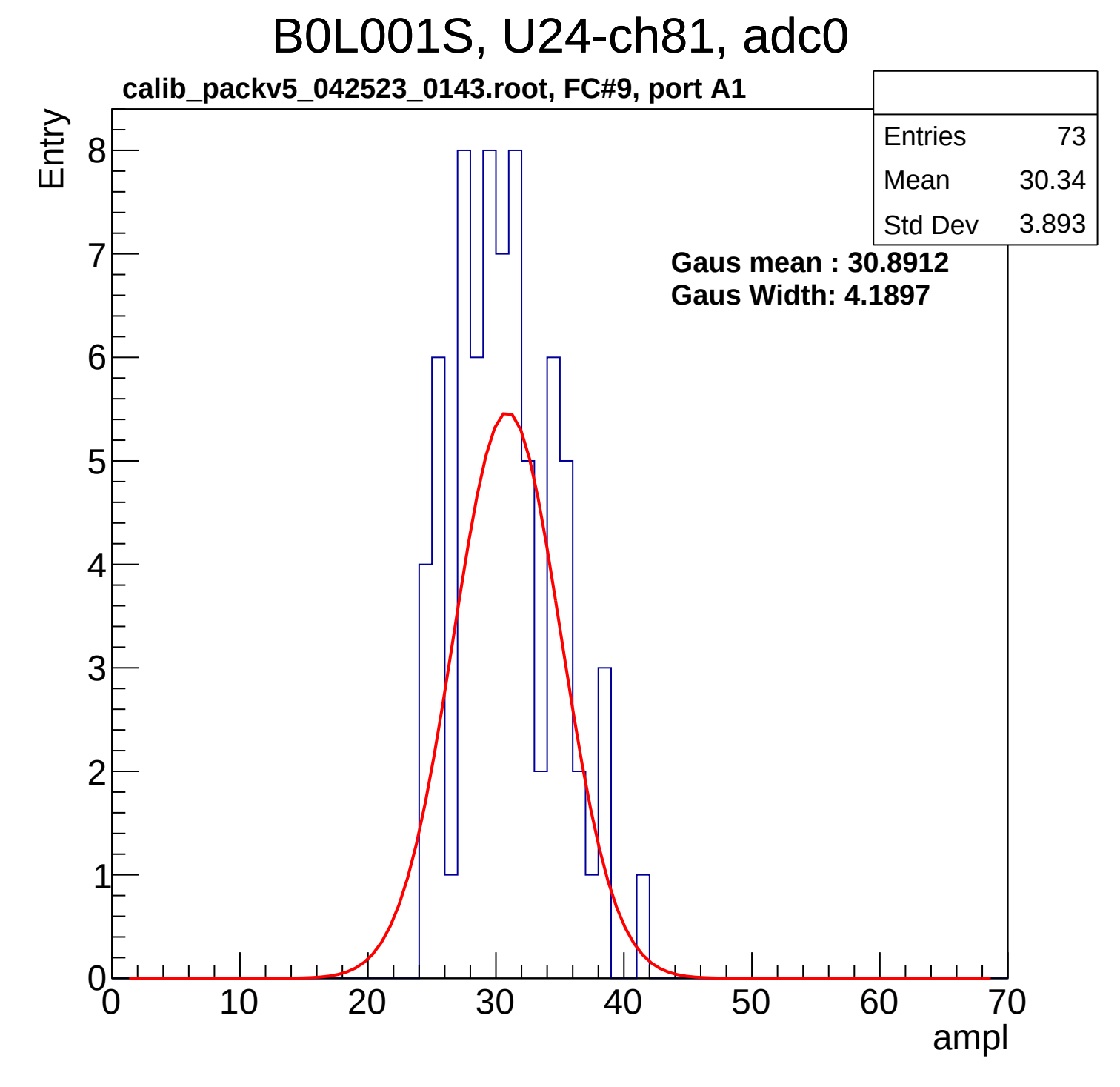
50
60
70
ampl


B0L001S, U24-ch81, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 30.34
Std Dev 3.893
Gaus mean : 30.8912
Gaus Width: 4.1897
Entry
ampl
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2
3
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5
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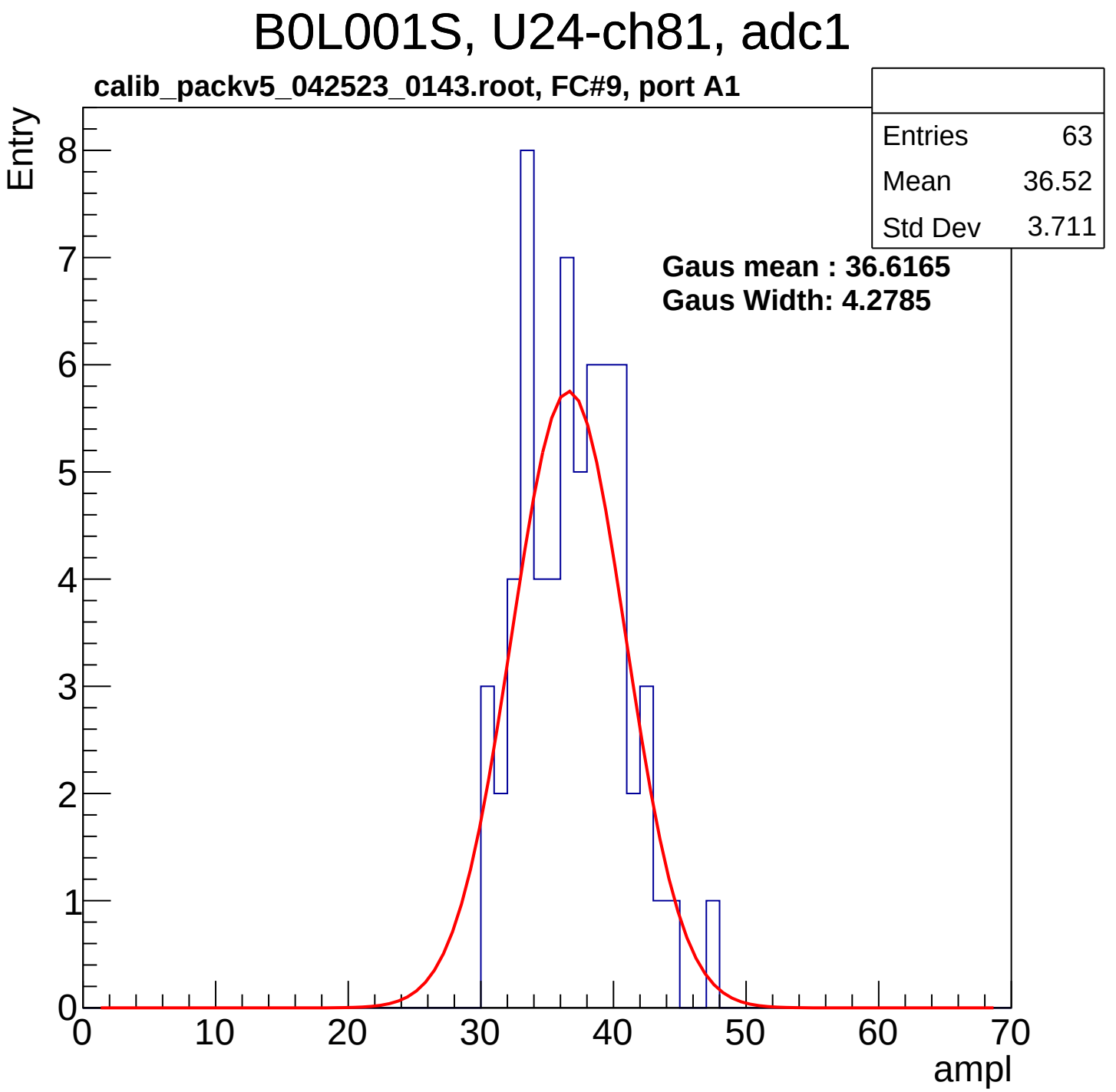
B0L001S, U24-ch81, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 36.52
Std Dev 3.711
Gaus mean : 36.6165
Gaus Width: 4.2785
Entry
ampl
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1
2
3
4
5
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7
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40
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60
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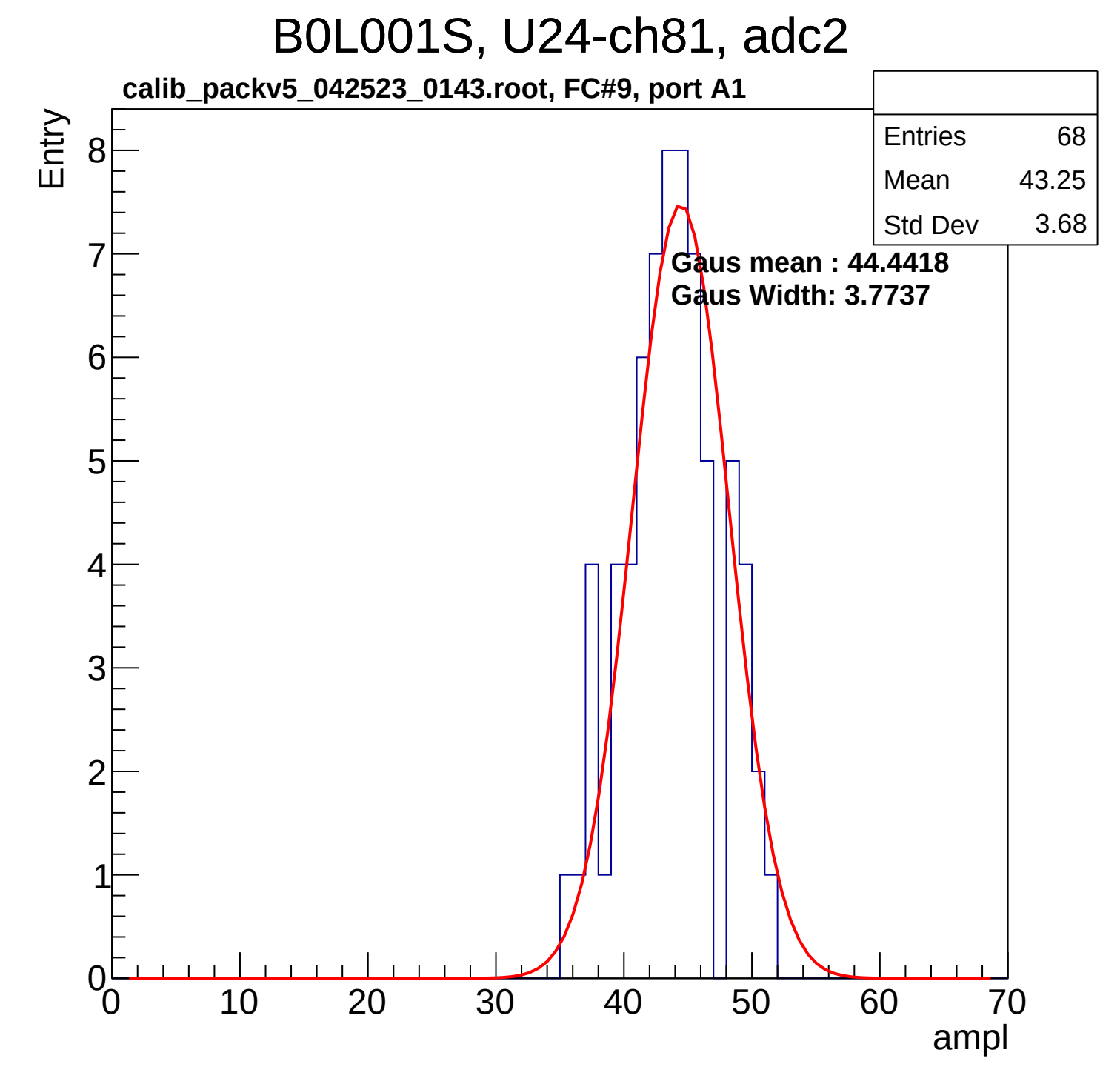
B0L001S, U24-ch81, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 43.25
Std Dev 3.68
Gaus mean : 44.4418
Gaus Width: 3.7737
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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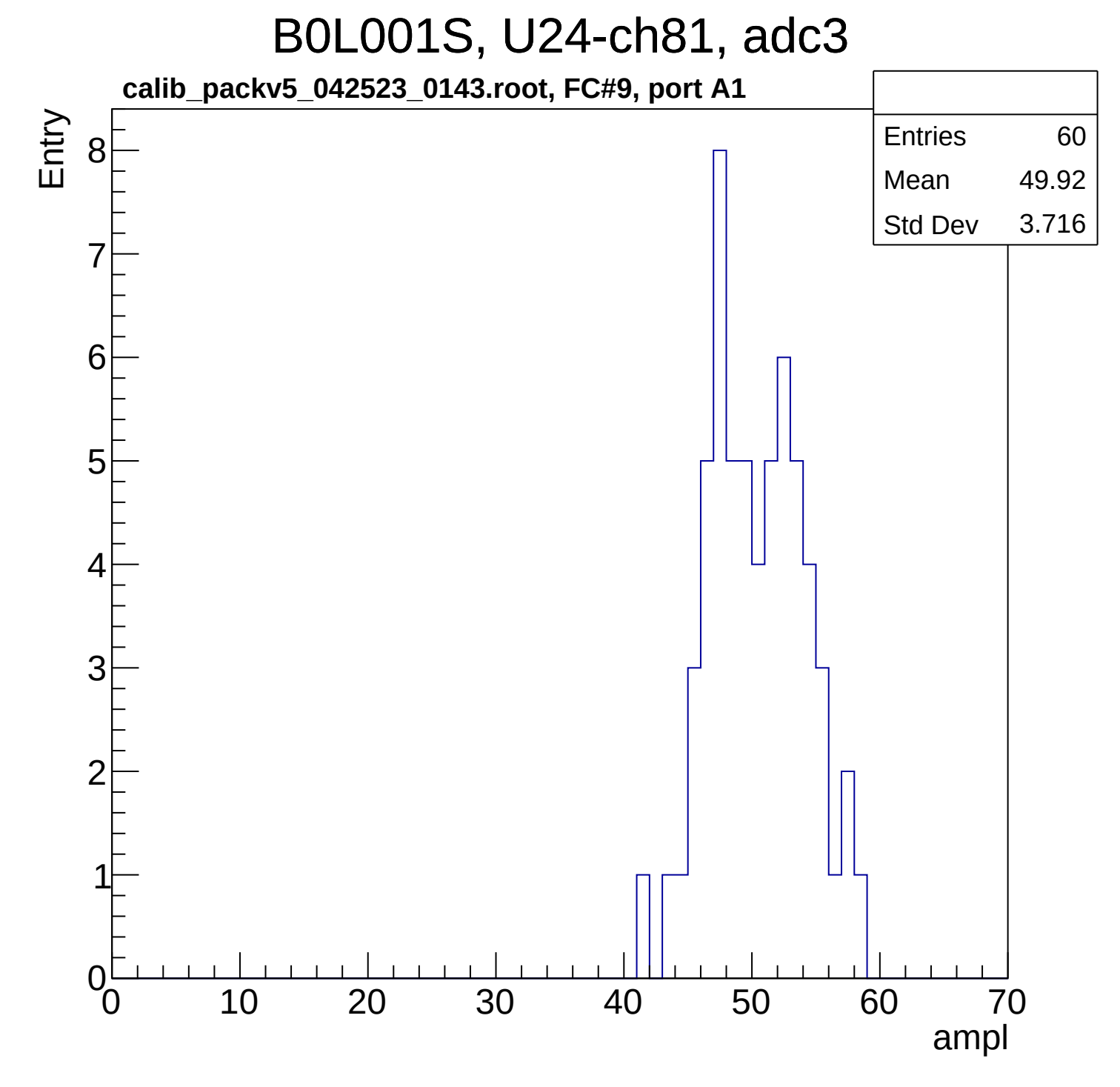
B0L001S, U24-ch81, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 49.92
Std Dev 3.716
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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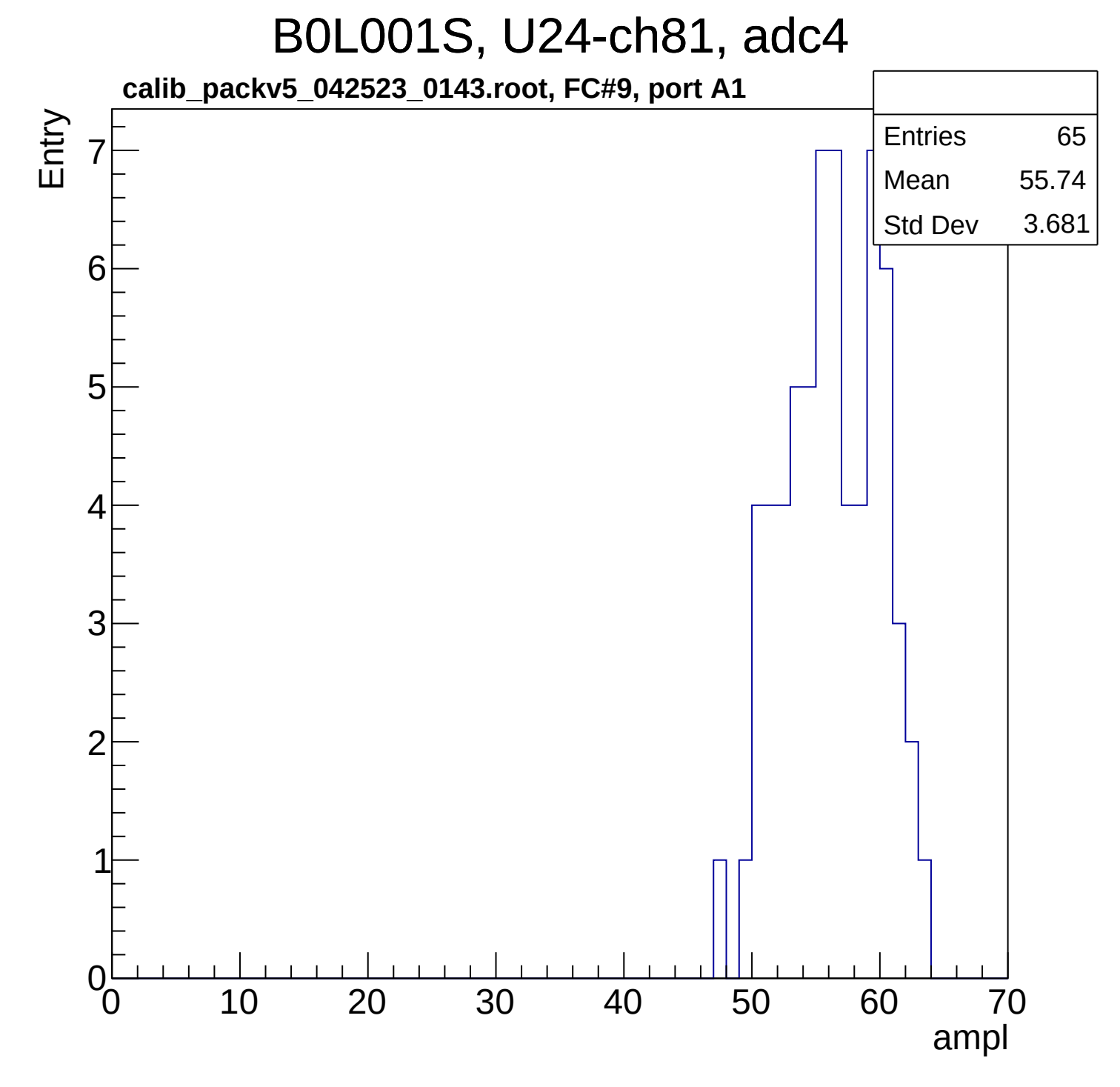
B0L001S, U24-ch81, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 55.74
Std Dev 3.681
Entry
ampl
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4
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6
7
0
10
20
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50
60
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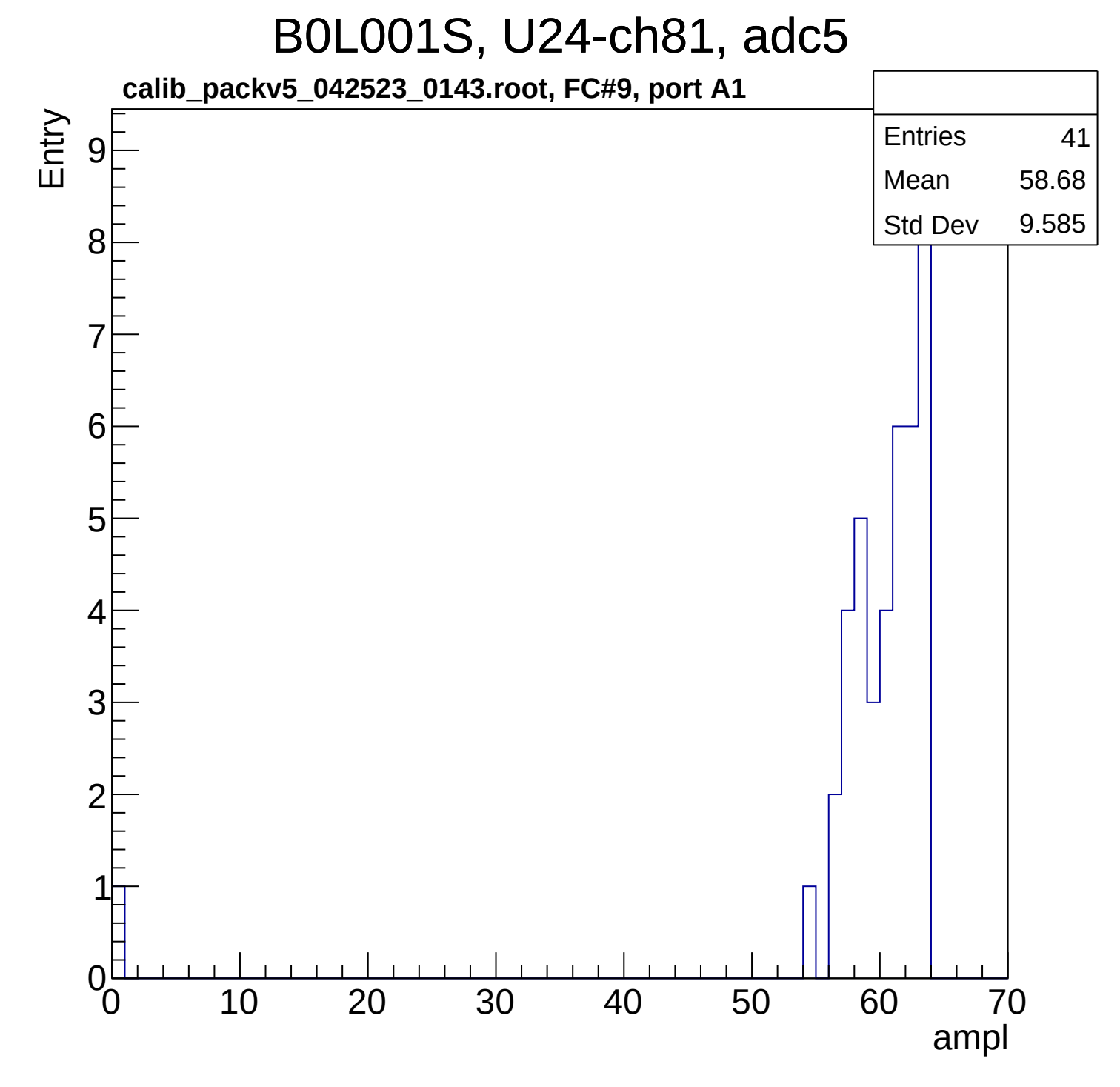
B0L001S, U24-ch81, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 58.68
Std Dev 9.585
Entry
ampl
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6
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0
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60
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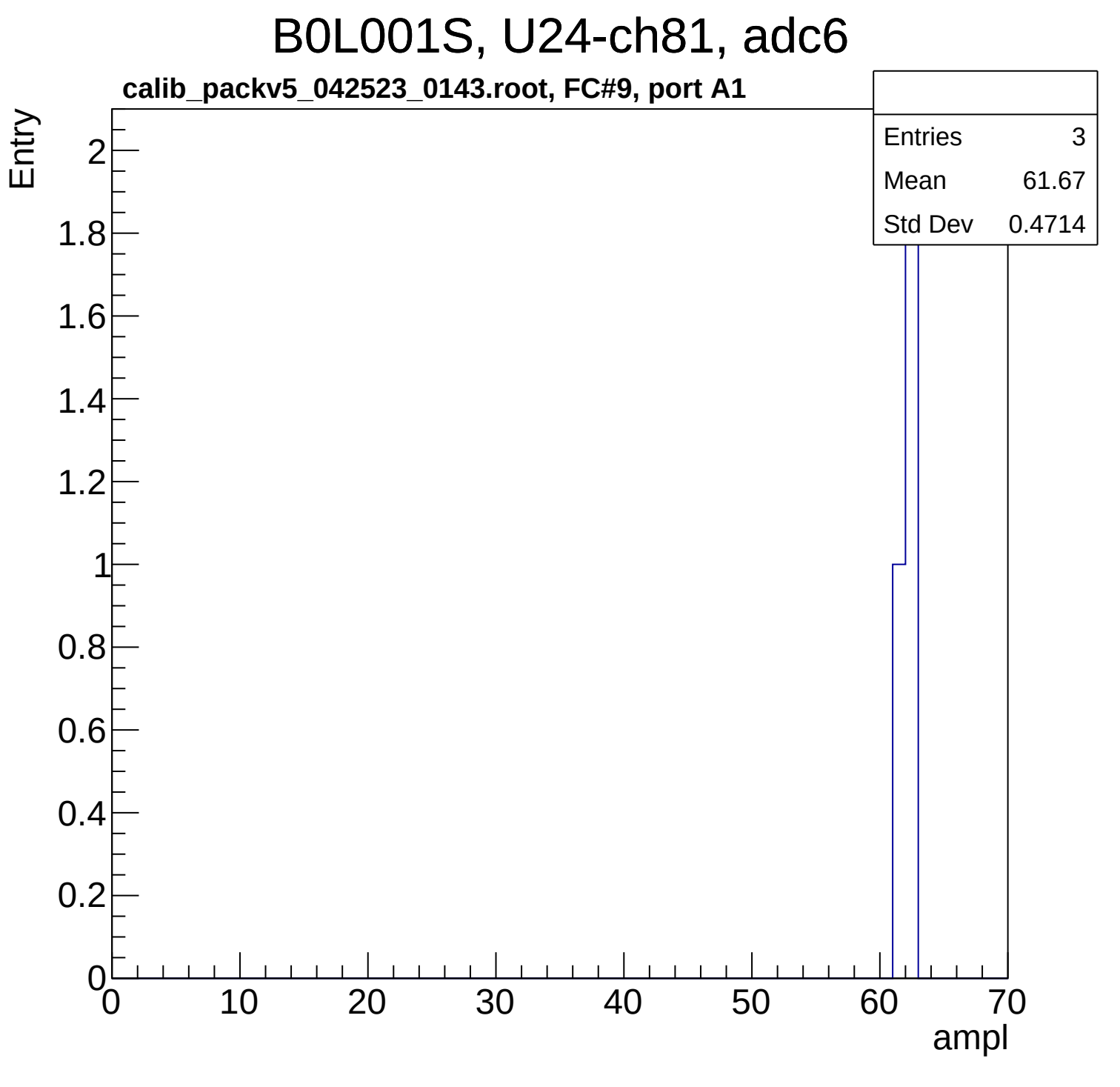
B0L001S, U24-ch81, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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20
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40
50
60
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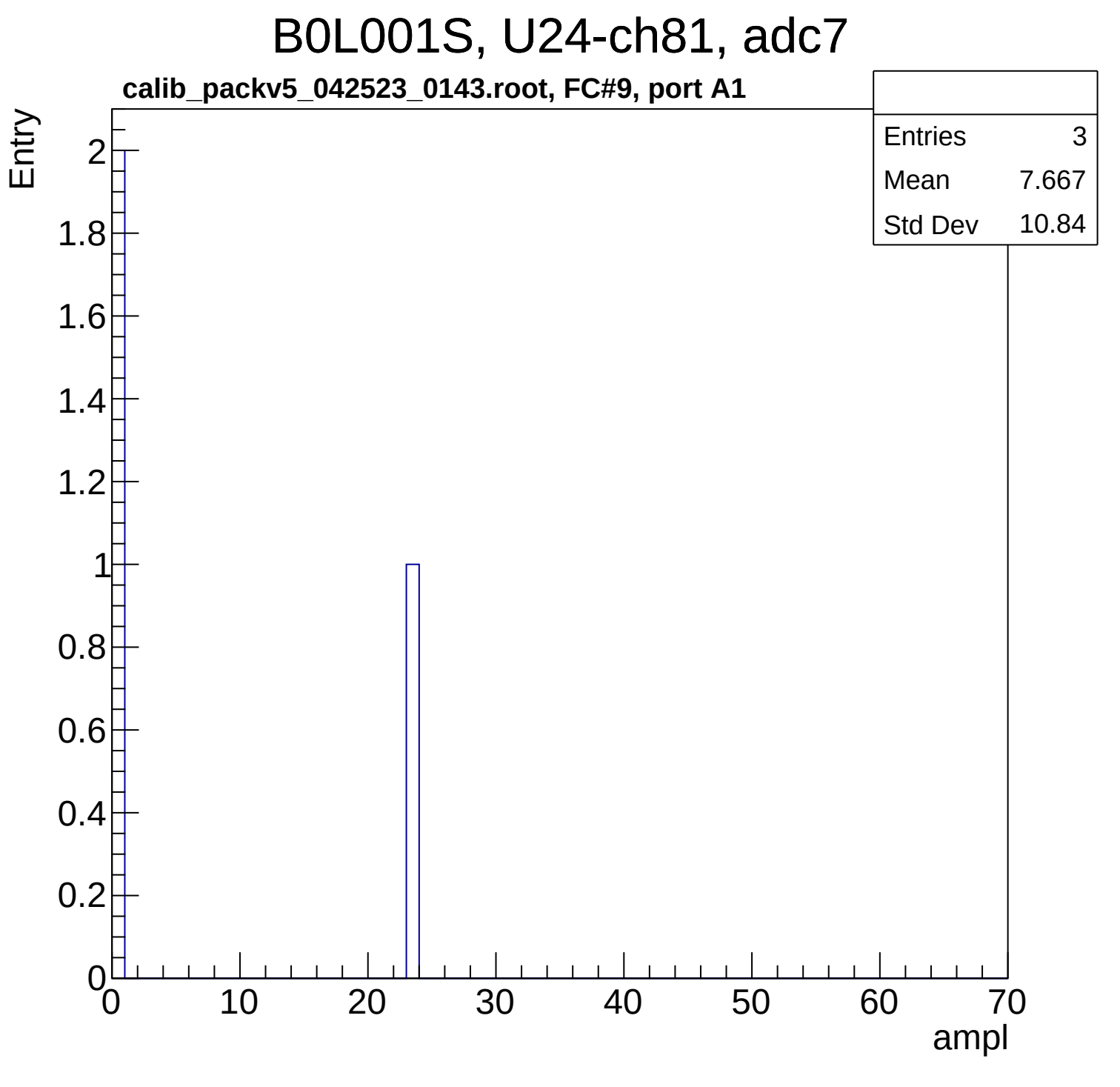
B0L001S, U24-ch81, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.667
Std Dev 10.84
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
2
0
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60
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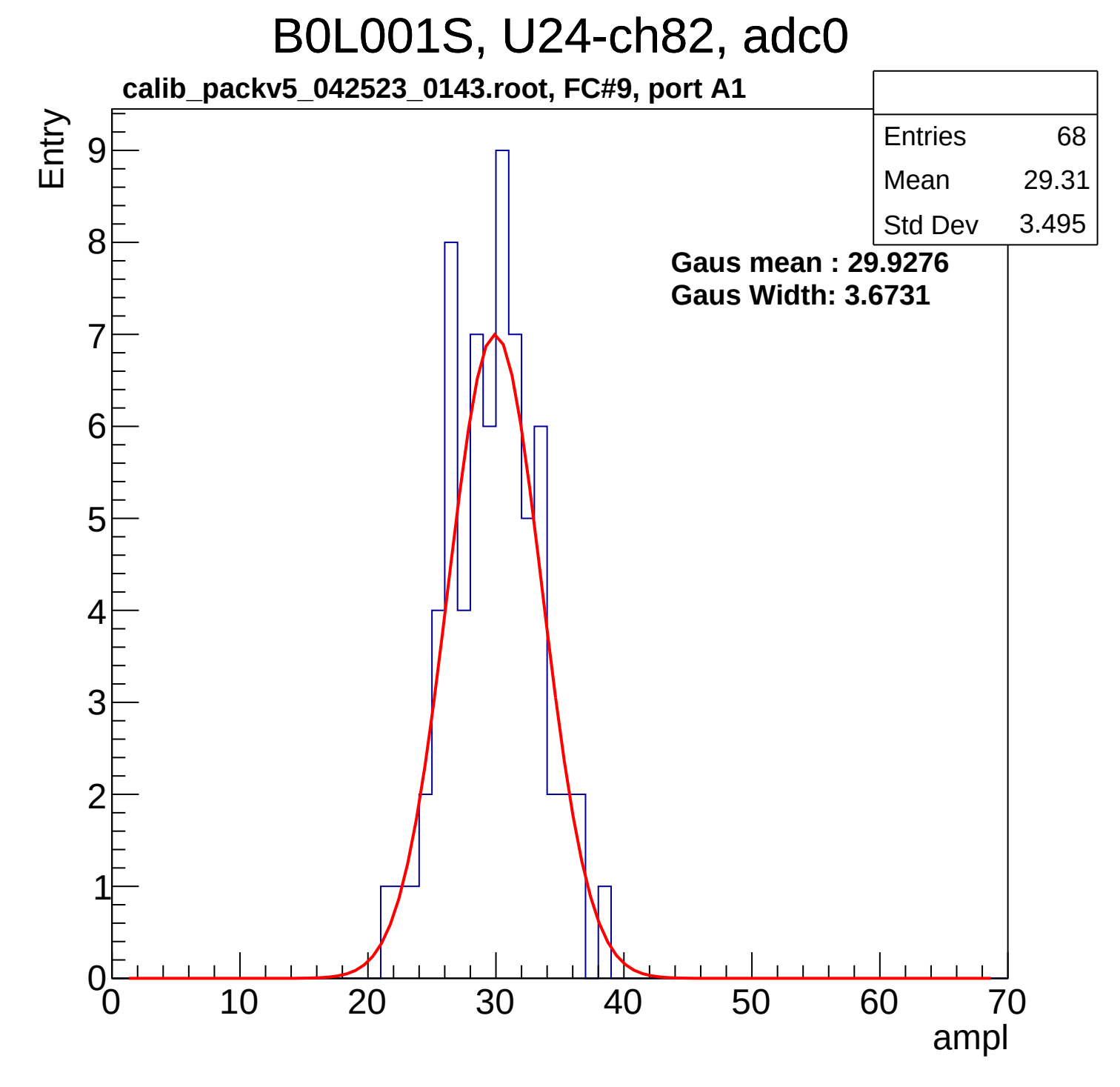
B0L001S, U24-ch82, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 29.31
Std Dev 3.495
Gaus mean : 29.9276
Gaus Width: 3.6731
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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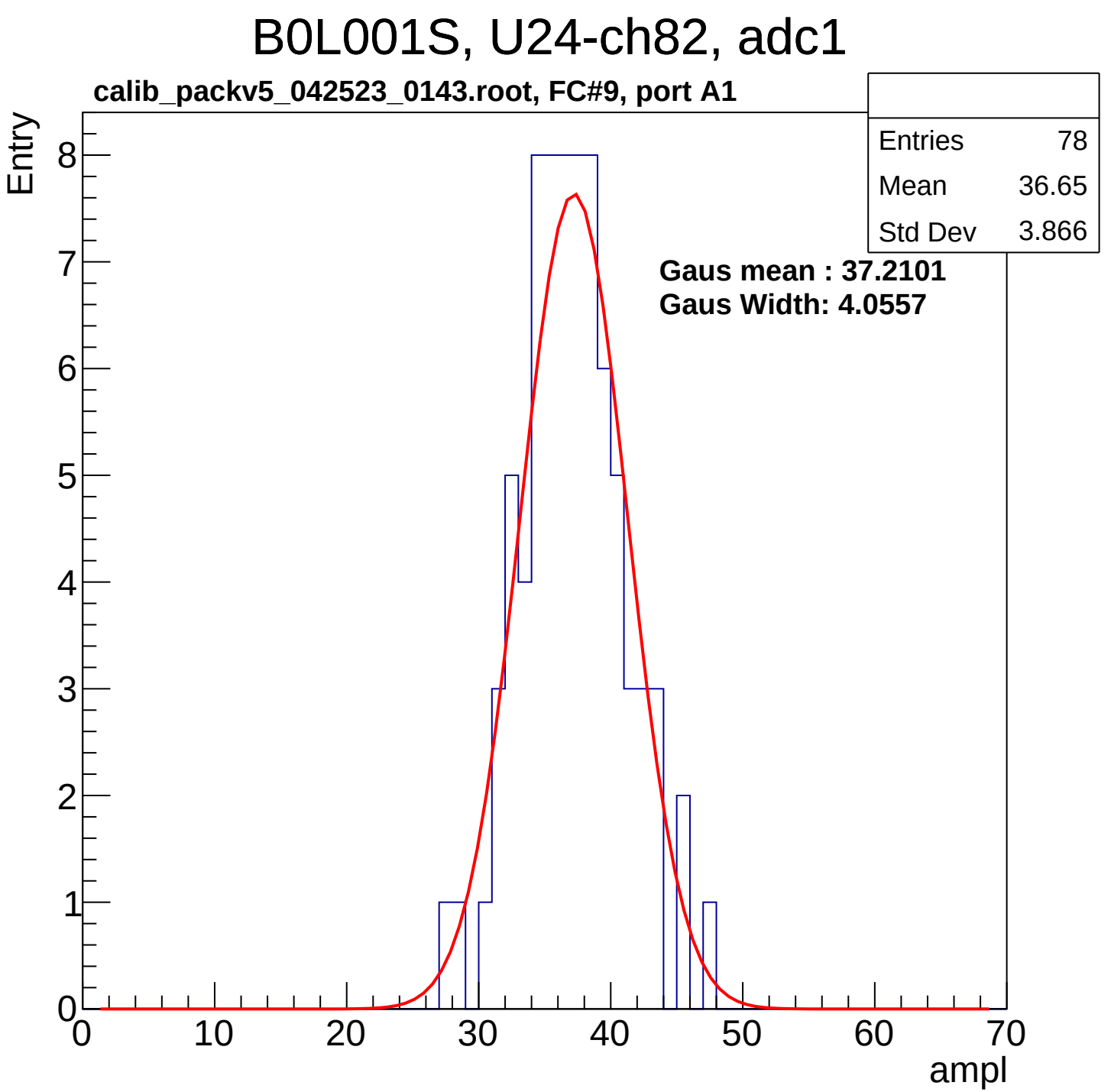
B0L001S, U24-ch82, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 36.65
Std Dev 3.866
Gaus mean : 37.2101
Gaus Width: 4.0557
Entry
ampl
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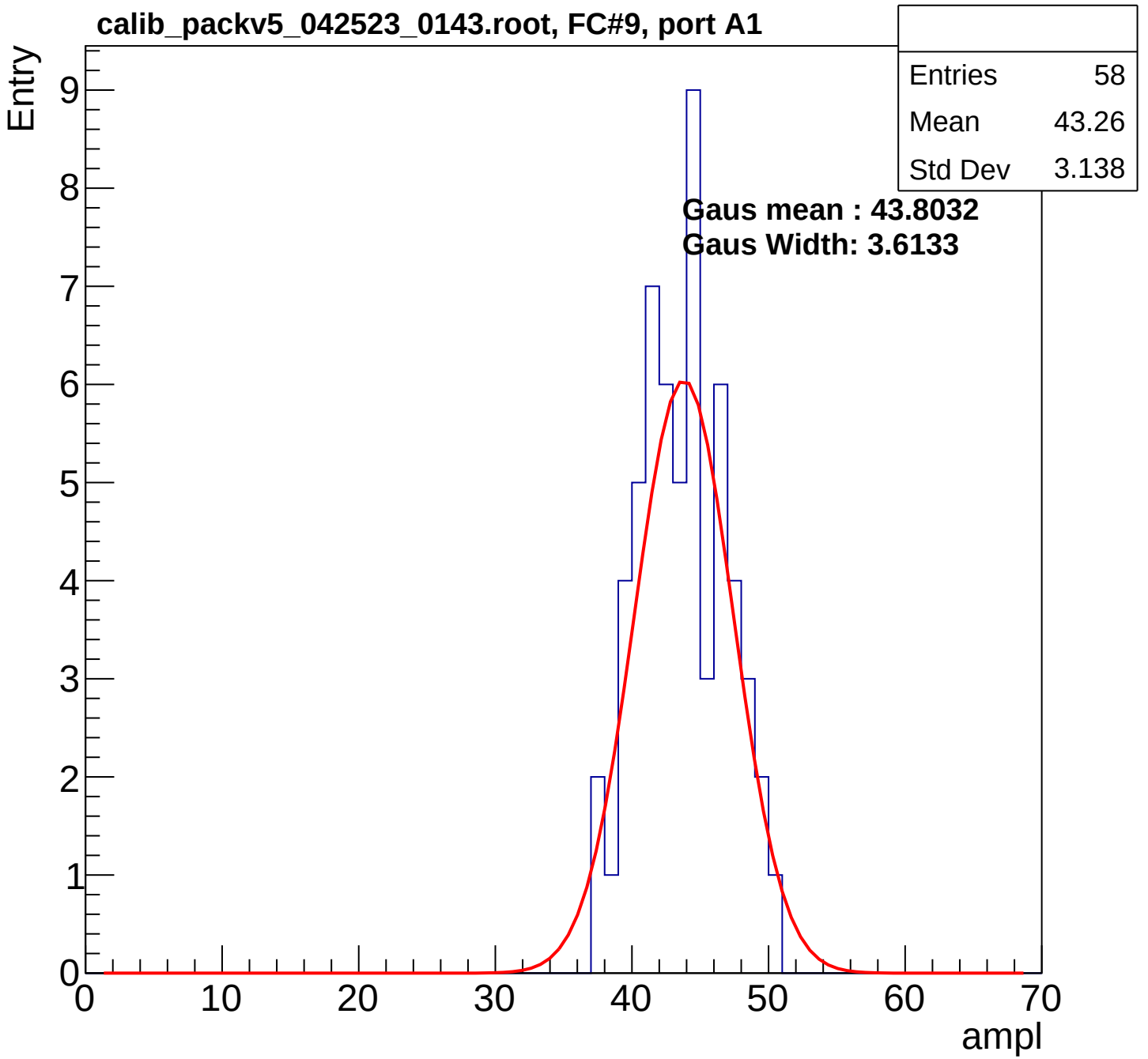
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch82, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 43.26
Std Dev 3.138
Gaus mean : 43.8032
Gaus Width: 3.6133
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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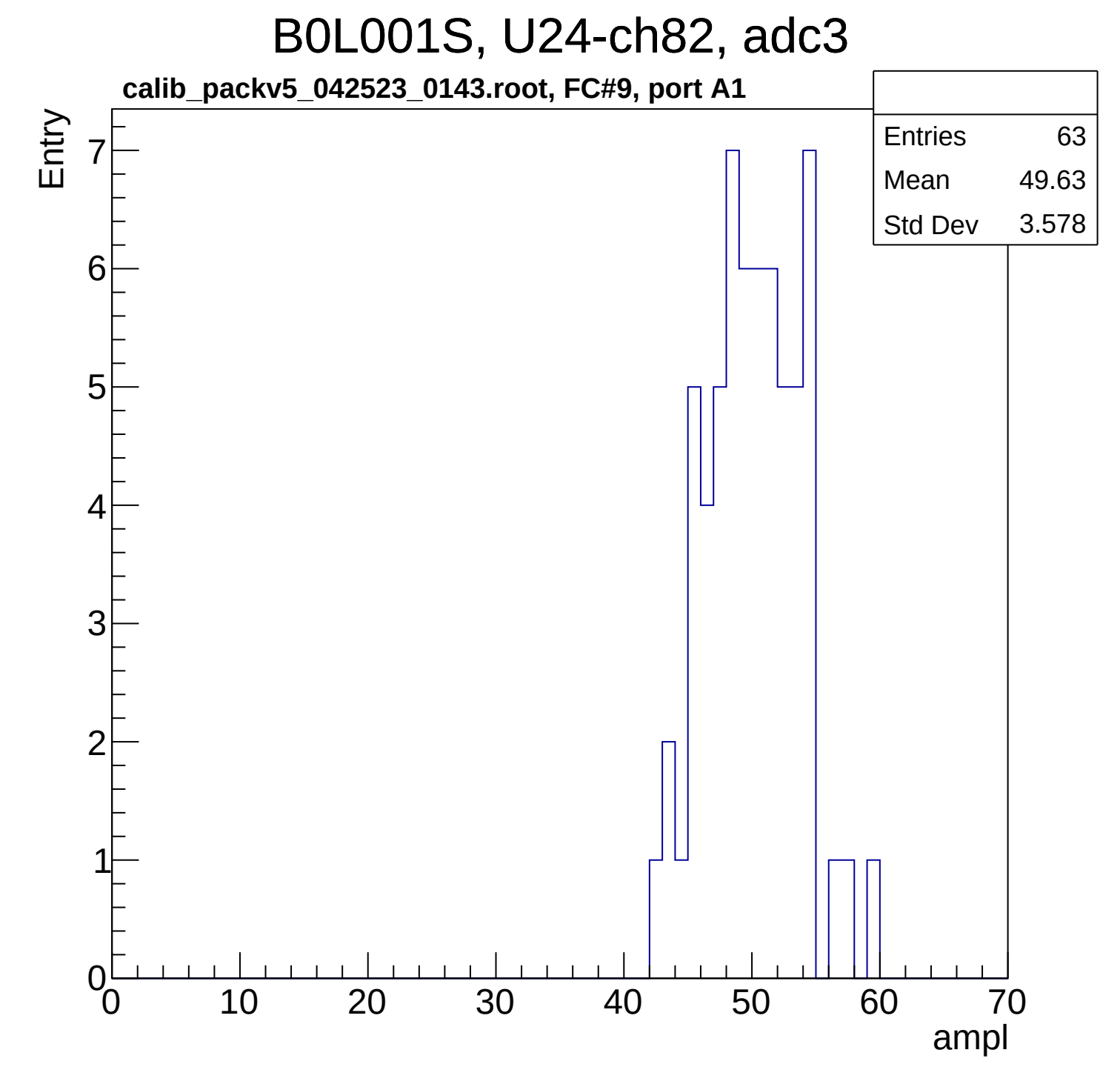
B0L001S, U24-ch82, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 49.63
Std Dev 3.578
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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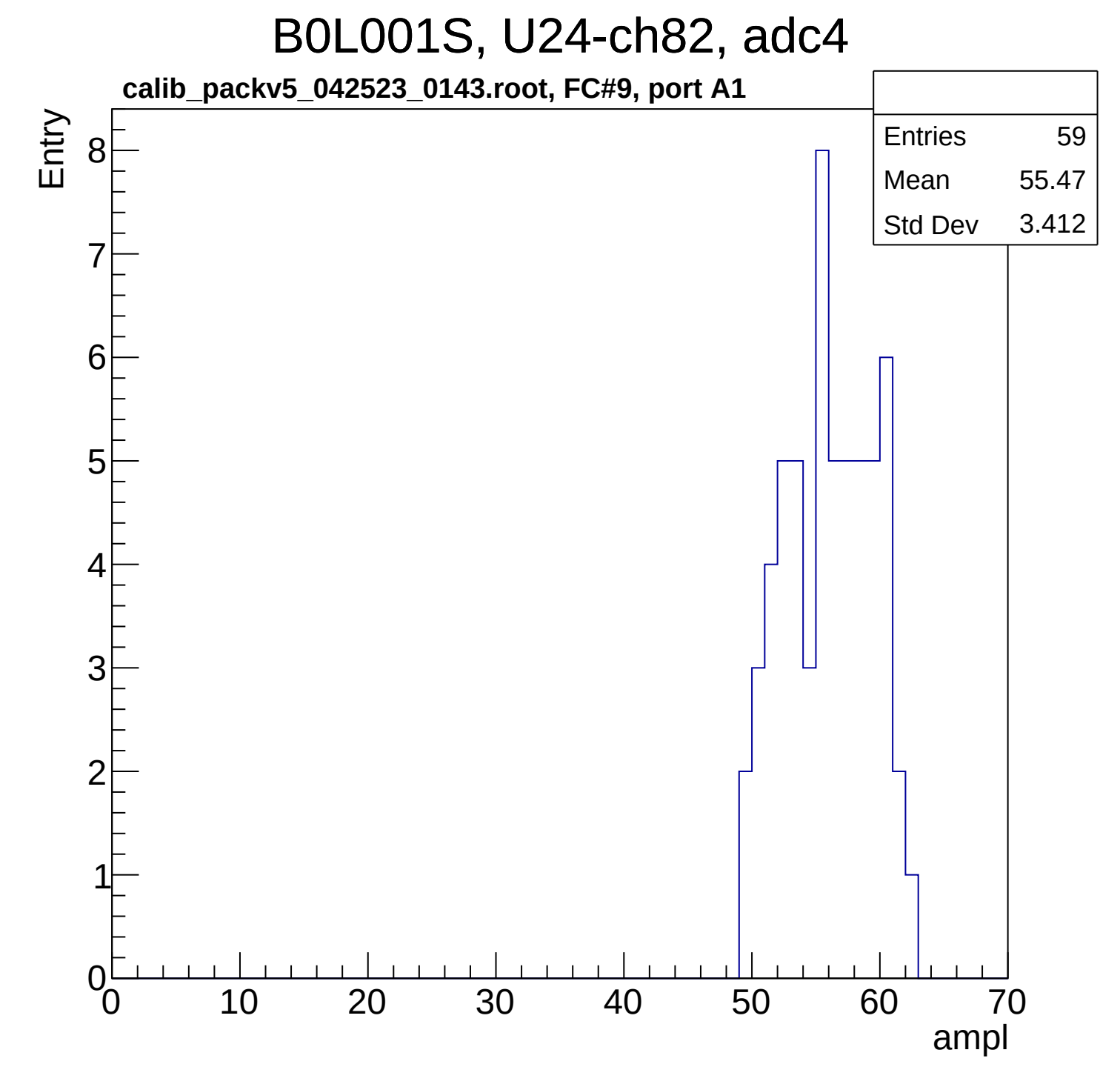
40
50
60
70


B0L001S, U24-ch82, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 55.47
Std Dev 3.412
Entry
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2
3
4
5
6
7
8
0
10
20
30
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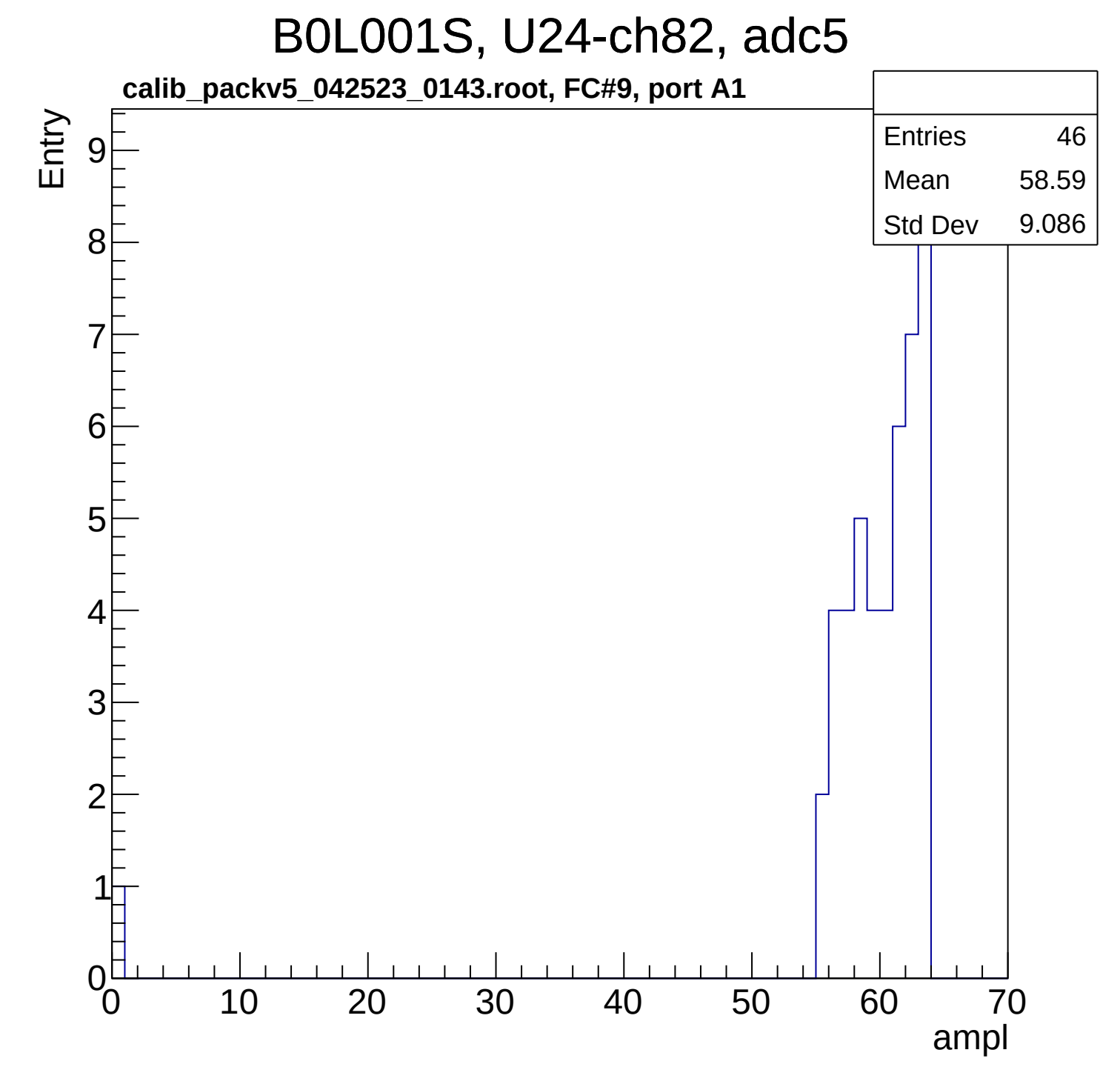
50
60
70
ampl


B0L001S, U24-ch82, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 58.59
Std Dev 9.086
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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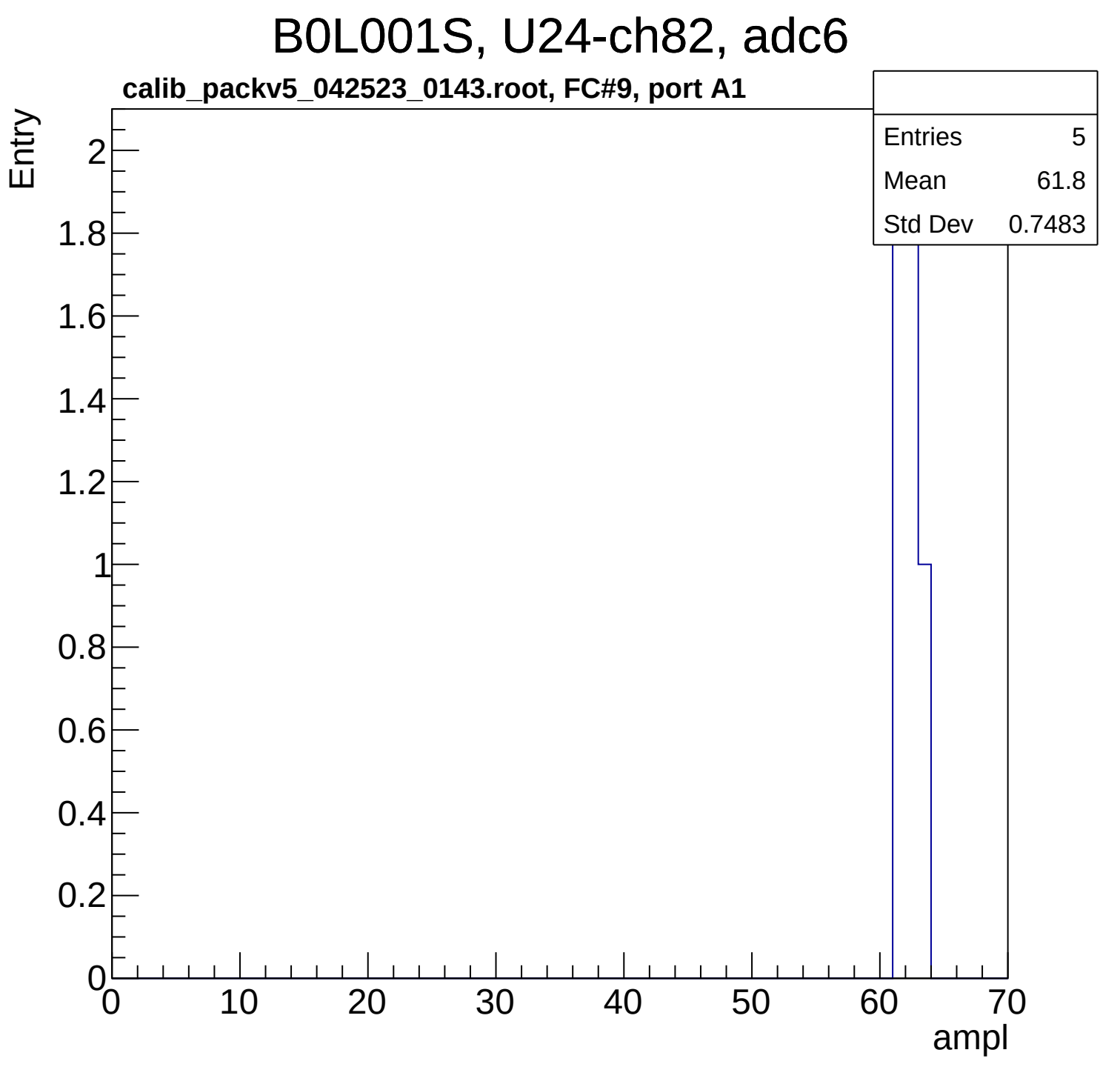
B0L001S, U24-ch82, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 61.8
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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60
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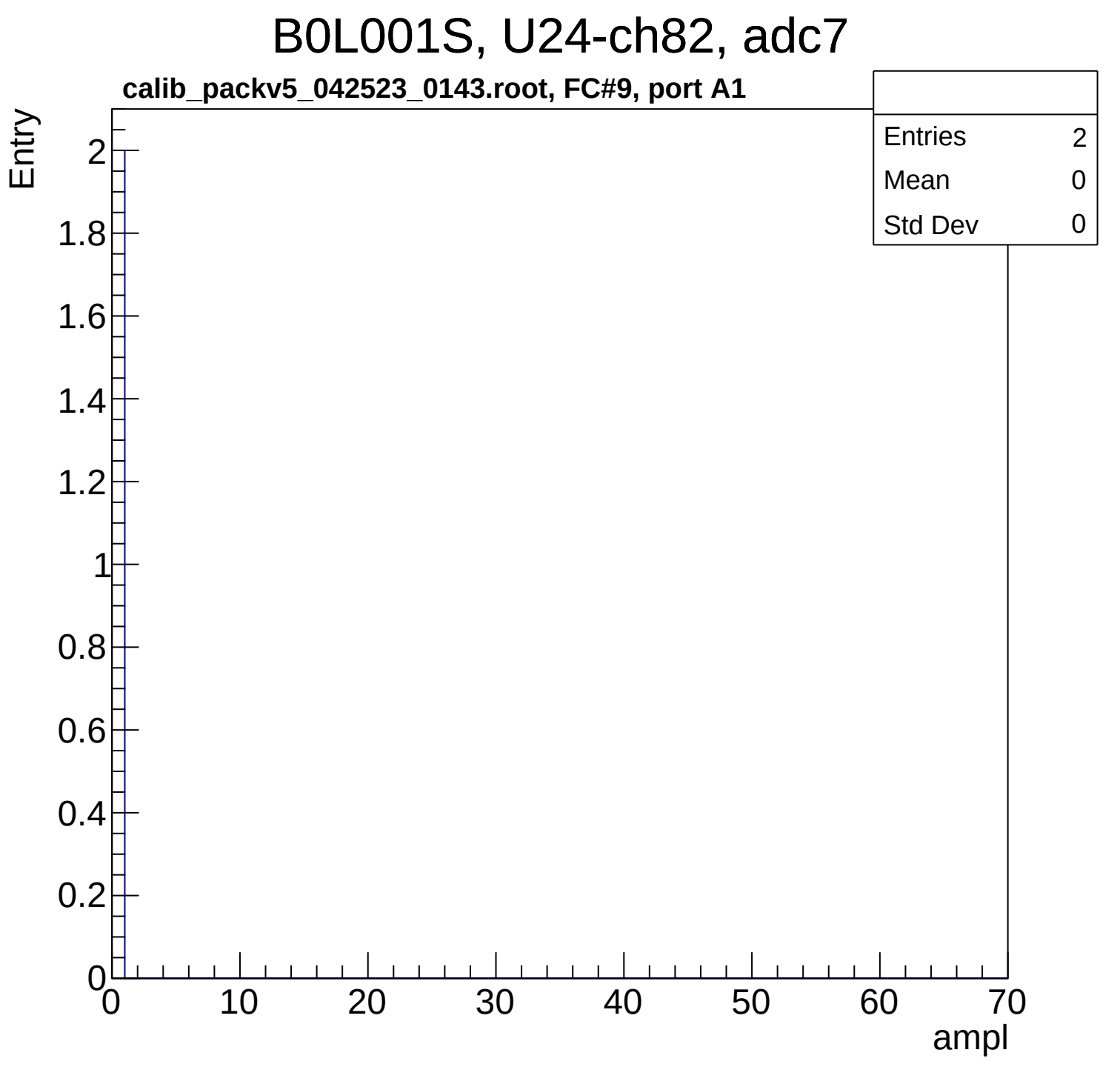
B0L001S, U24-ch82, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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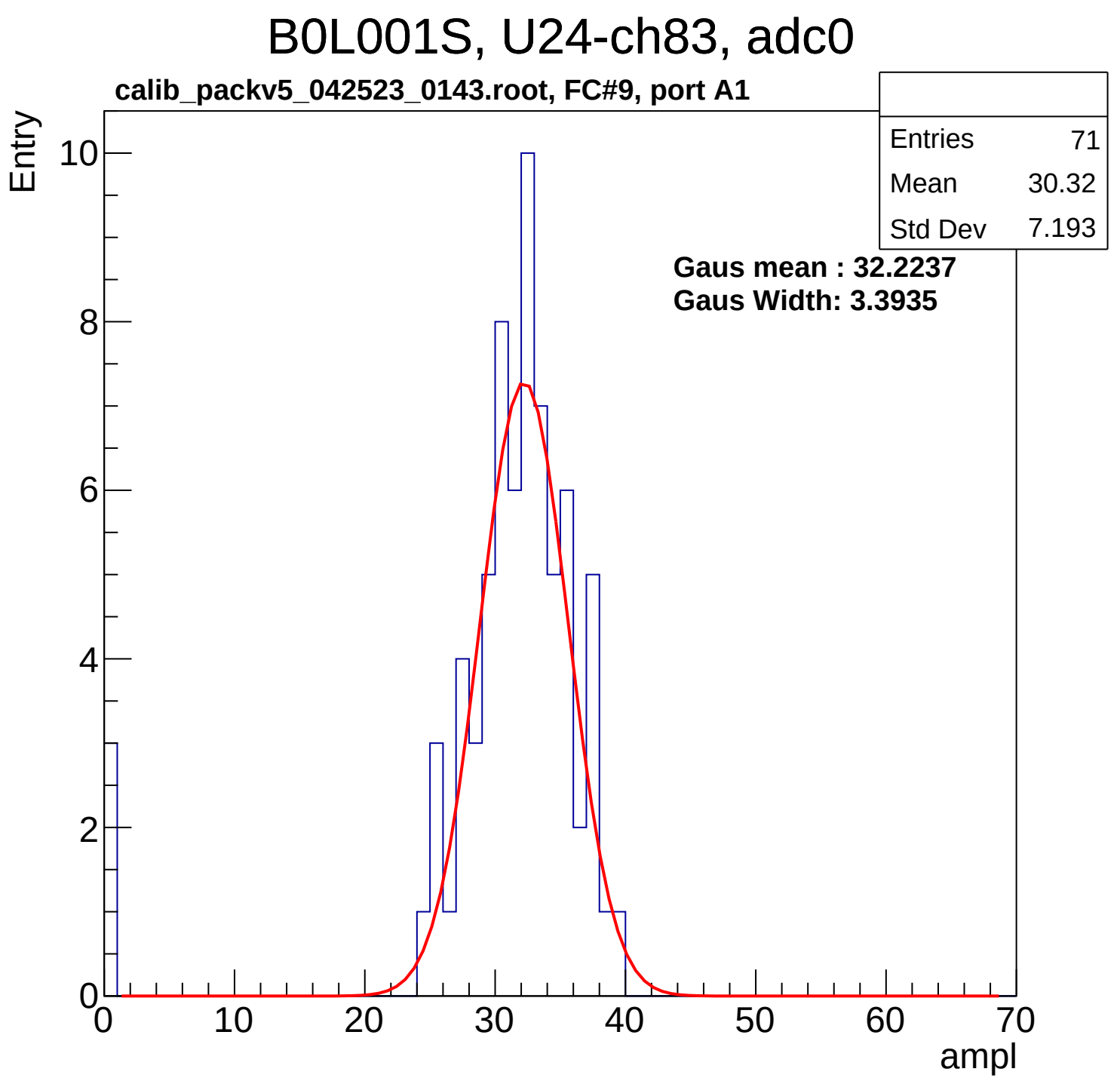
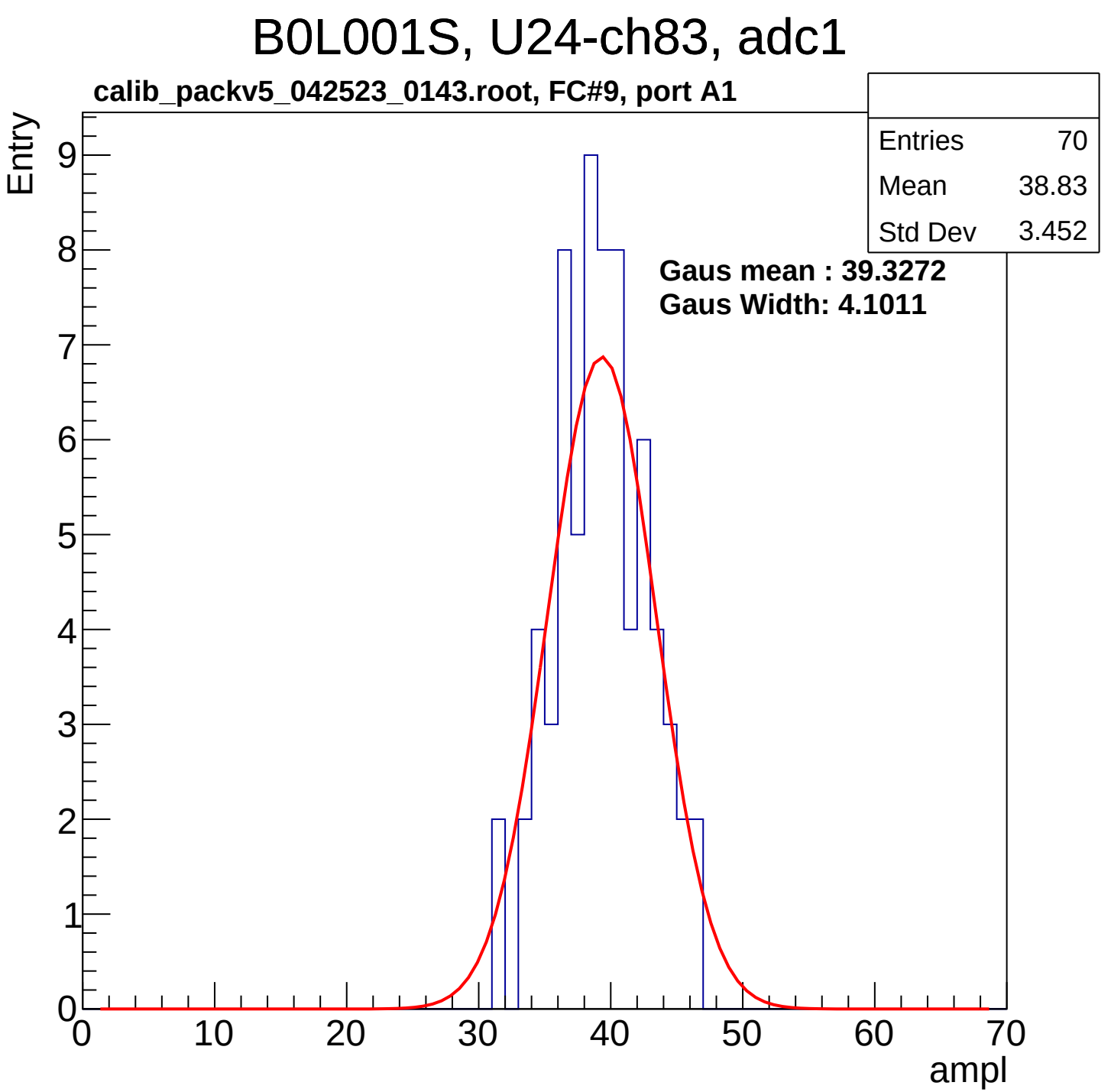

B0L001S, U24-ch83, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 30.32
Std Dev 7.193
Gaus mean : 32.2237
Gaus Width: 3.3935
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch83, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 38.83
Std Dev 3.452
Gaus mean : 39.3272
Gaus Width: 4.1011
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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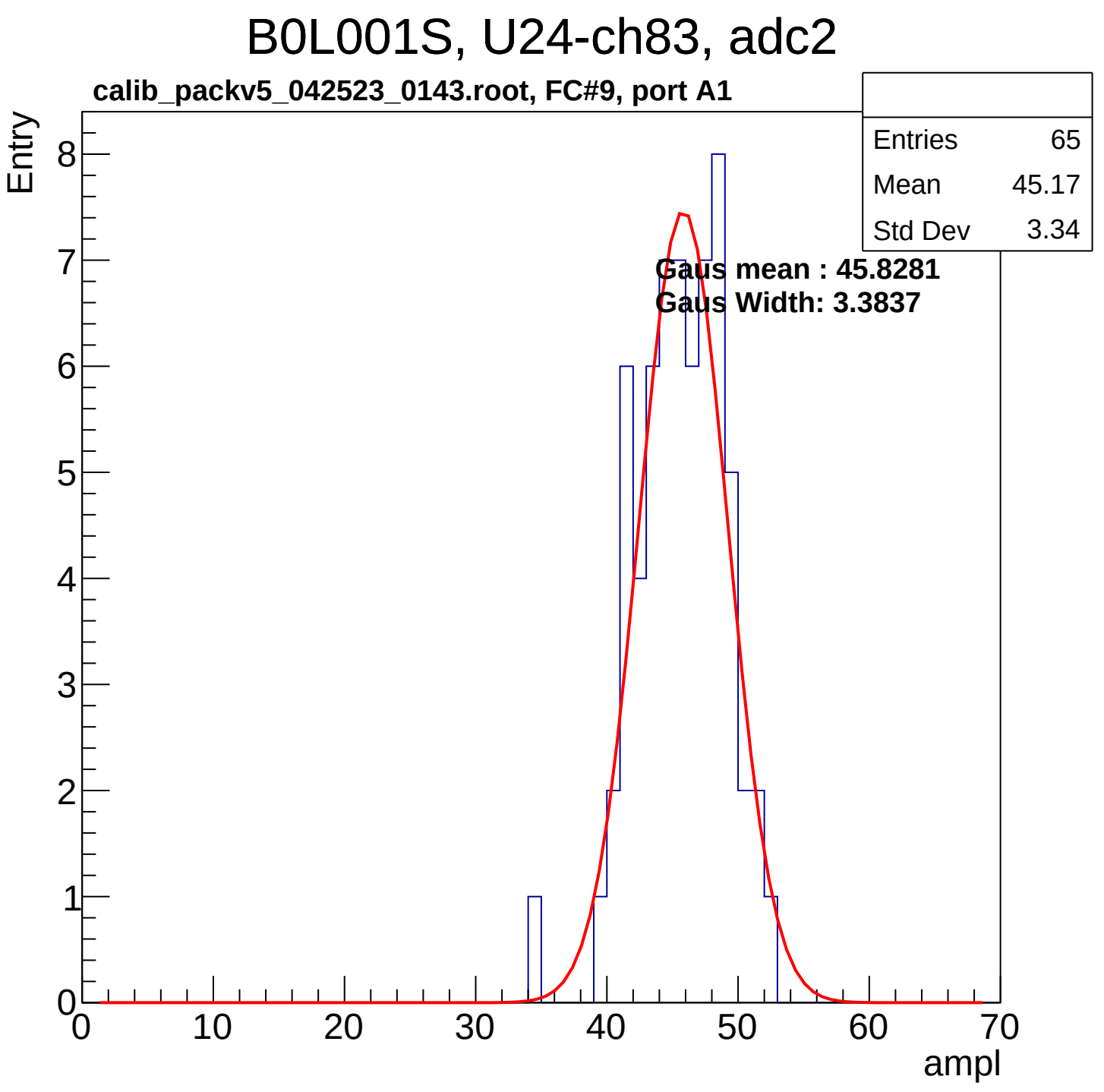
B0L001S, U24-ch83, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 45.17
Std Dev 3.34
Gaus mean : 45.8281
Gaus Width: 3.3837
Entry
ampl
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1
2
3
4
5
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7
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0
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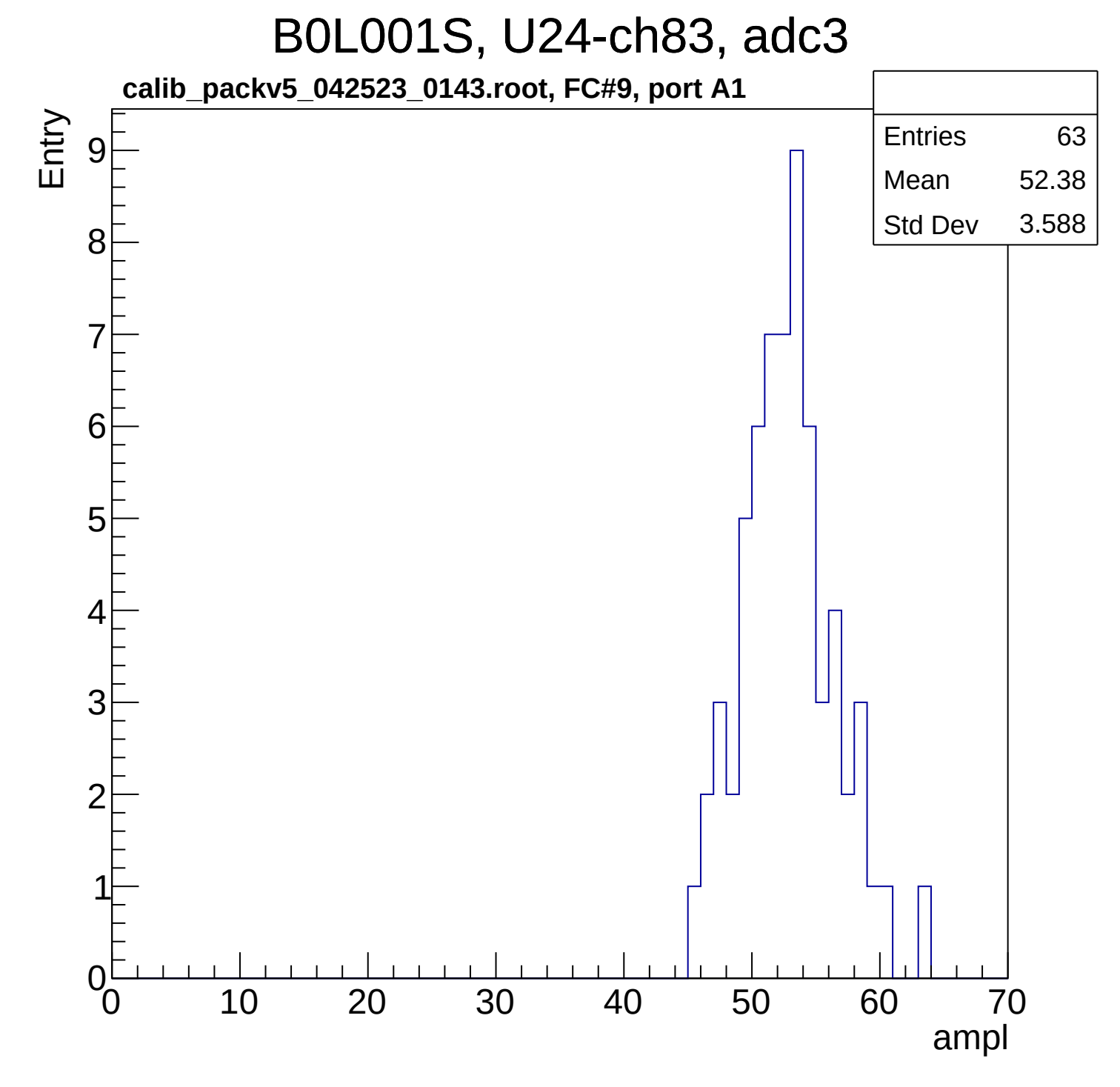
B0L001S, U24-ch83, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 52.38
Std Dev 3.588
Entry
ampl
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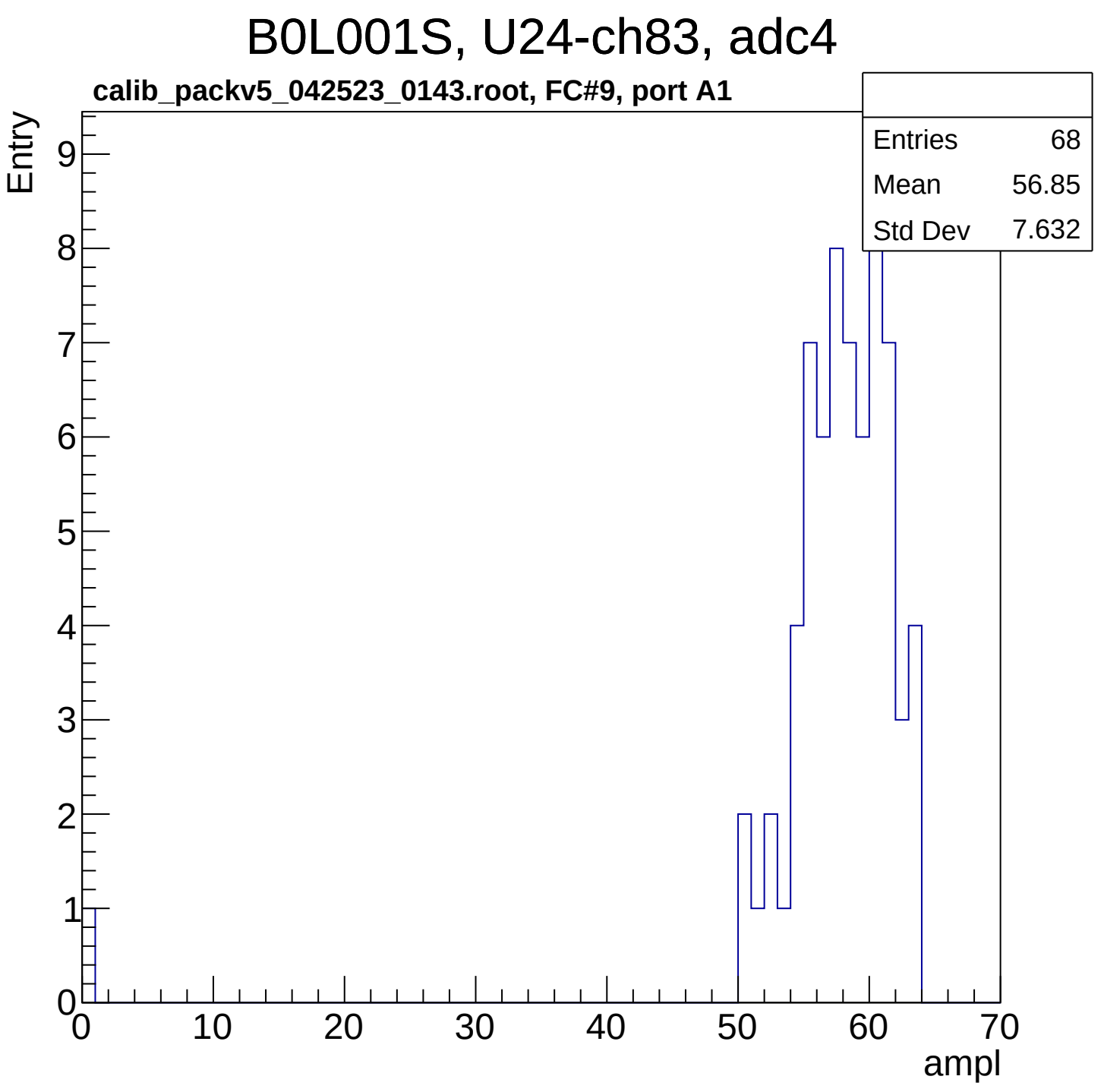
B0L001S, U24-ch83, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 56.85
Std Dev 7.632
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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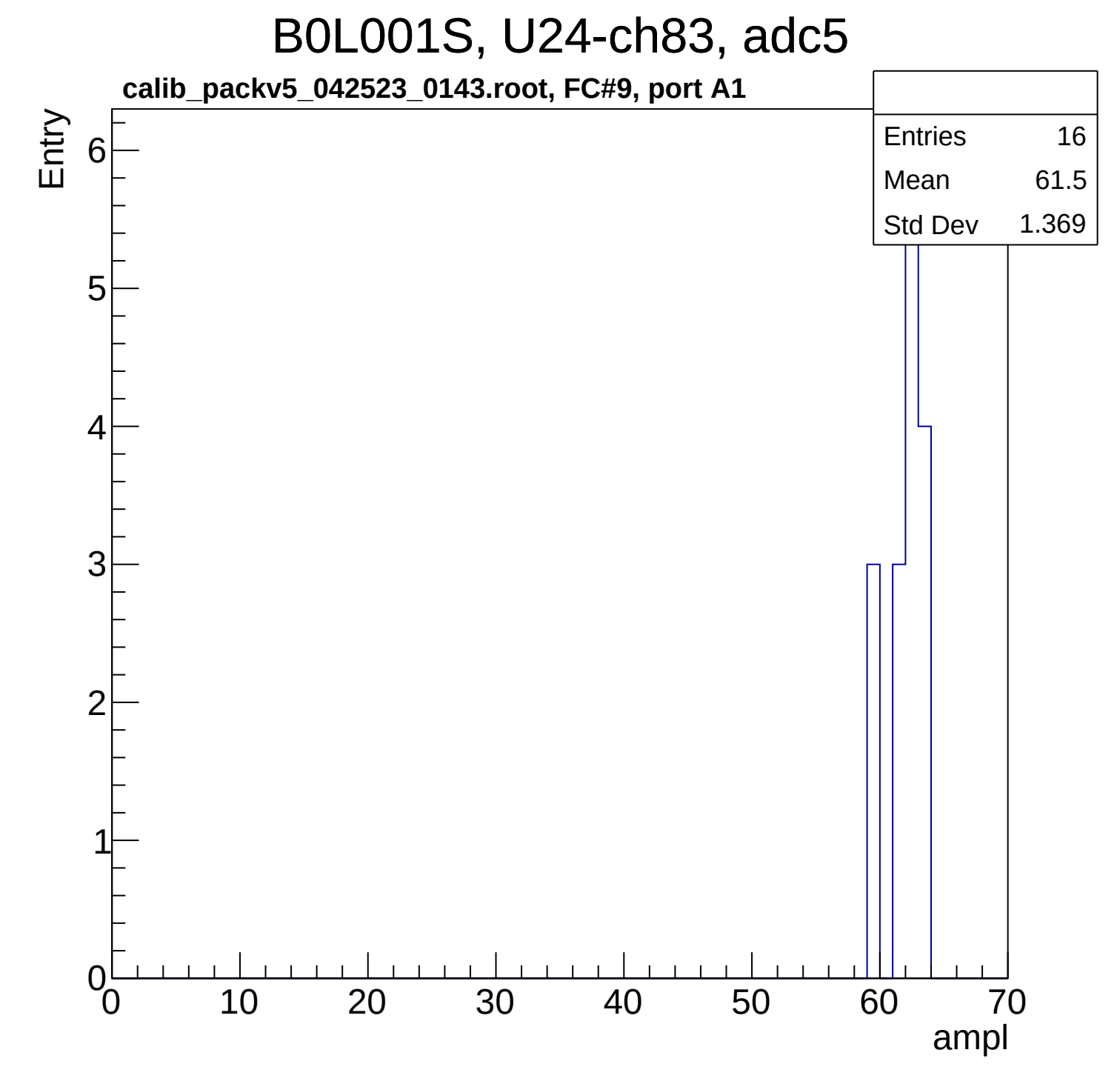
B0L001S, U24-ch83, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 16
Mean 61.5
Std Dev 1.369
Entry
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1
2
3
4
5
6
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10
20
30
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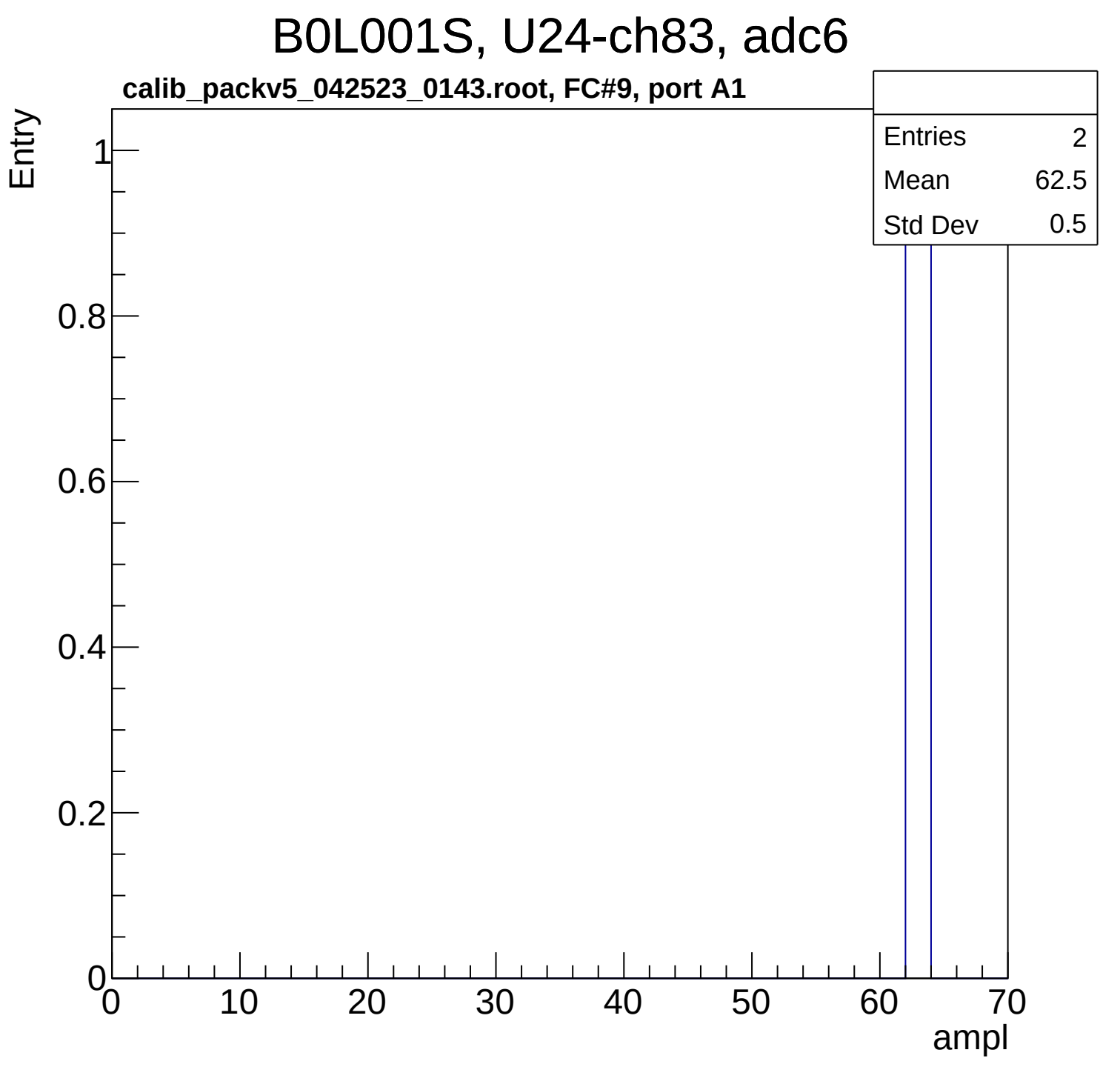
70
ampl


B0L001S, U24-ch83, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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0.6
0.4
0.2
0
0
10
20
30
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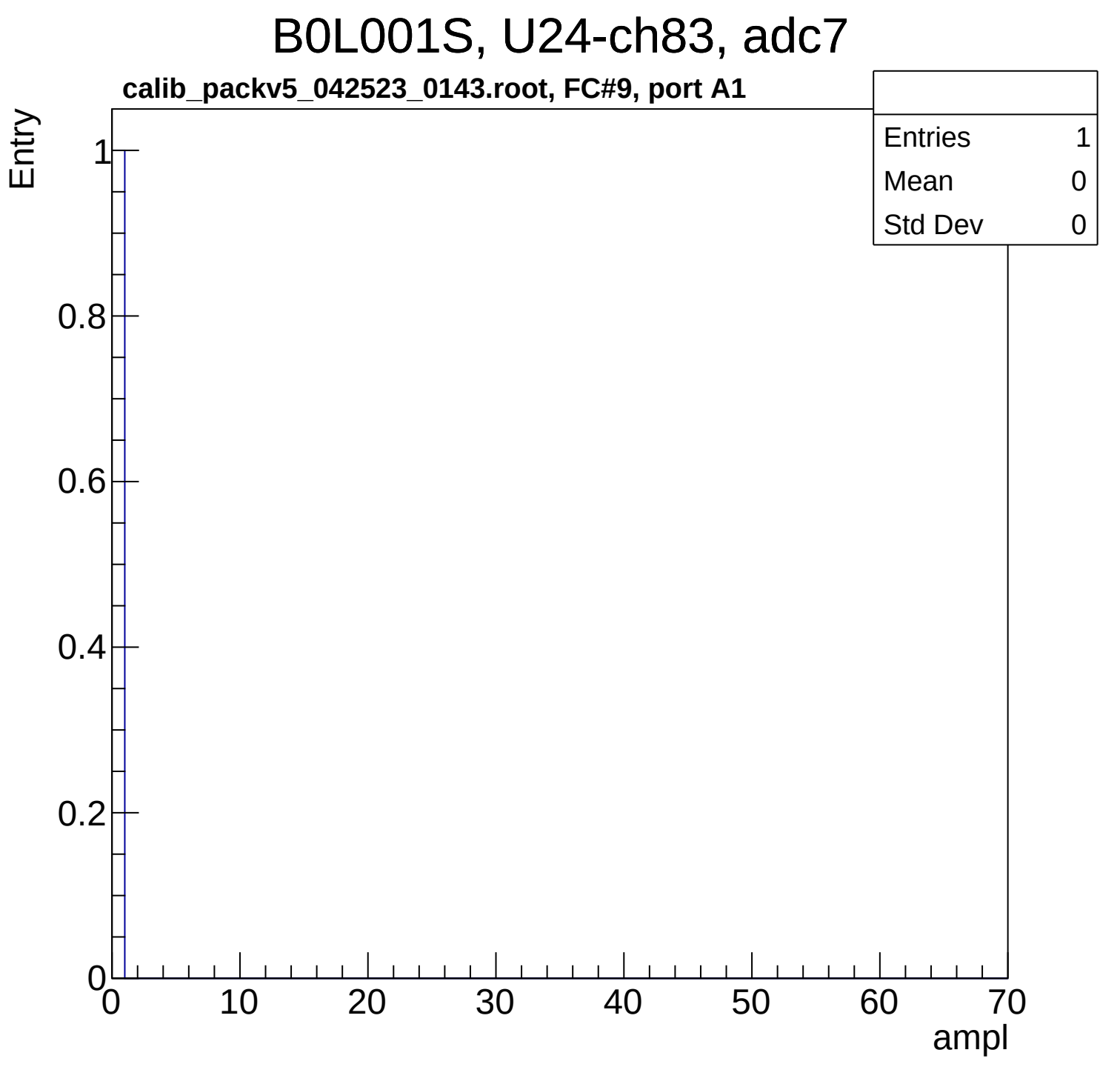
50
60
70
ampl


B0L001S, U24-ch83, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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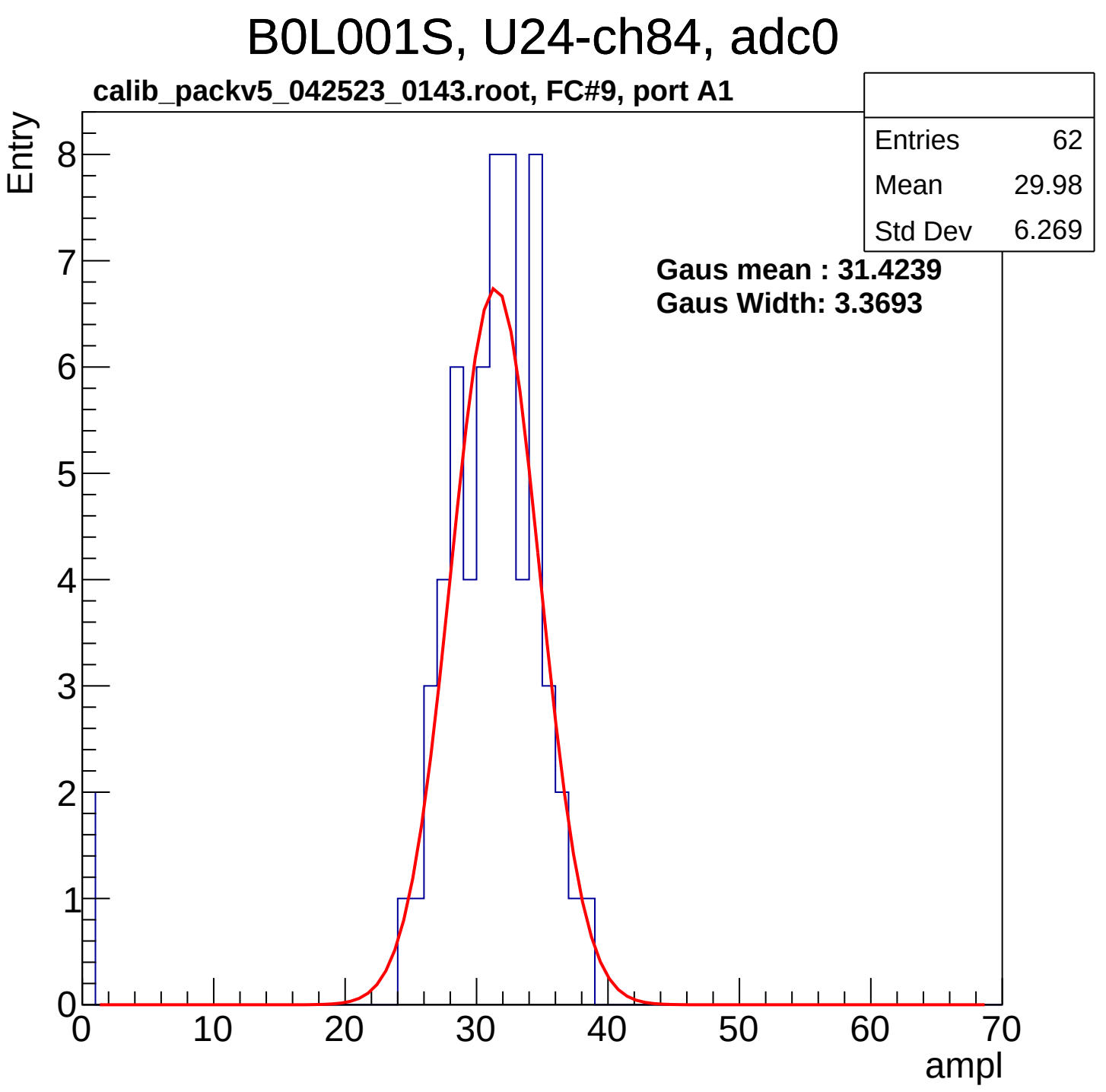
70
ampl


B0L001S, U24-ch84, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 29.98
Std Dev 6.269
Gaus mean : 31.4239
Gaus Width: 3.3693
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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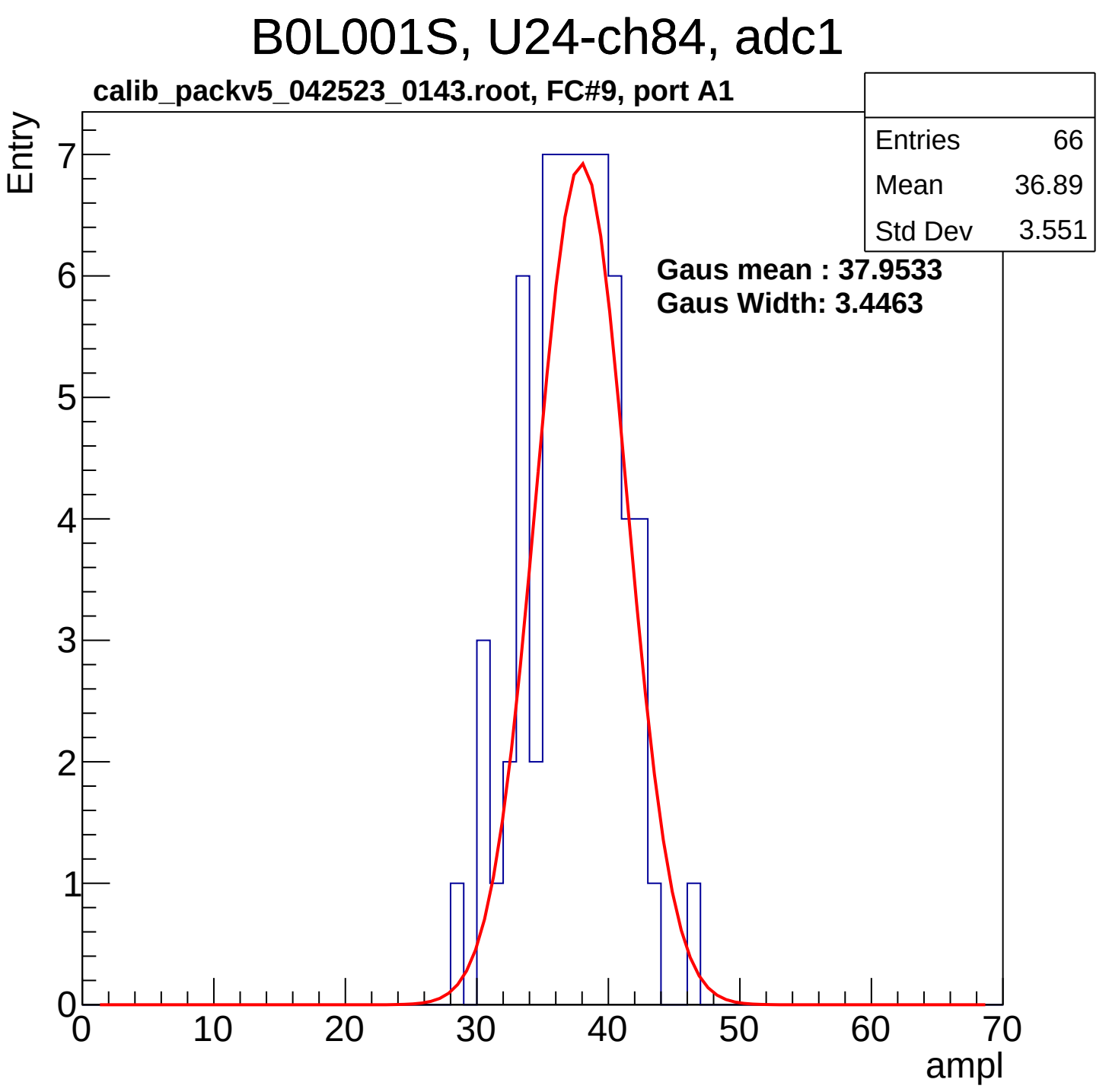
B0L001S, U24-ch84, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 36.89
Std Dev 3.551
Gaus mean : 37.9533
Gaus Width: 3.4463
Entry
ampl
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3
4
5
6
7
0
10
20
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60
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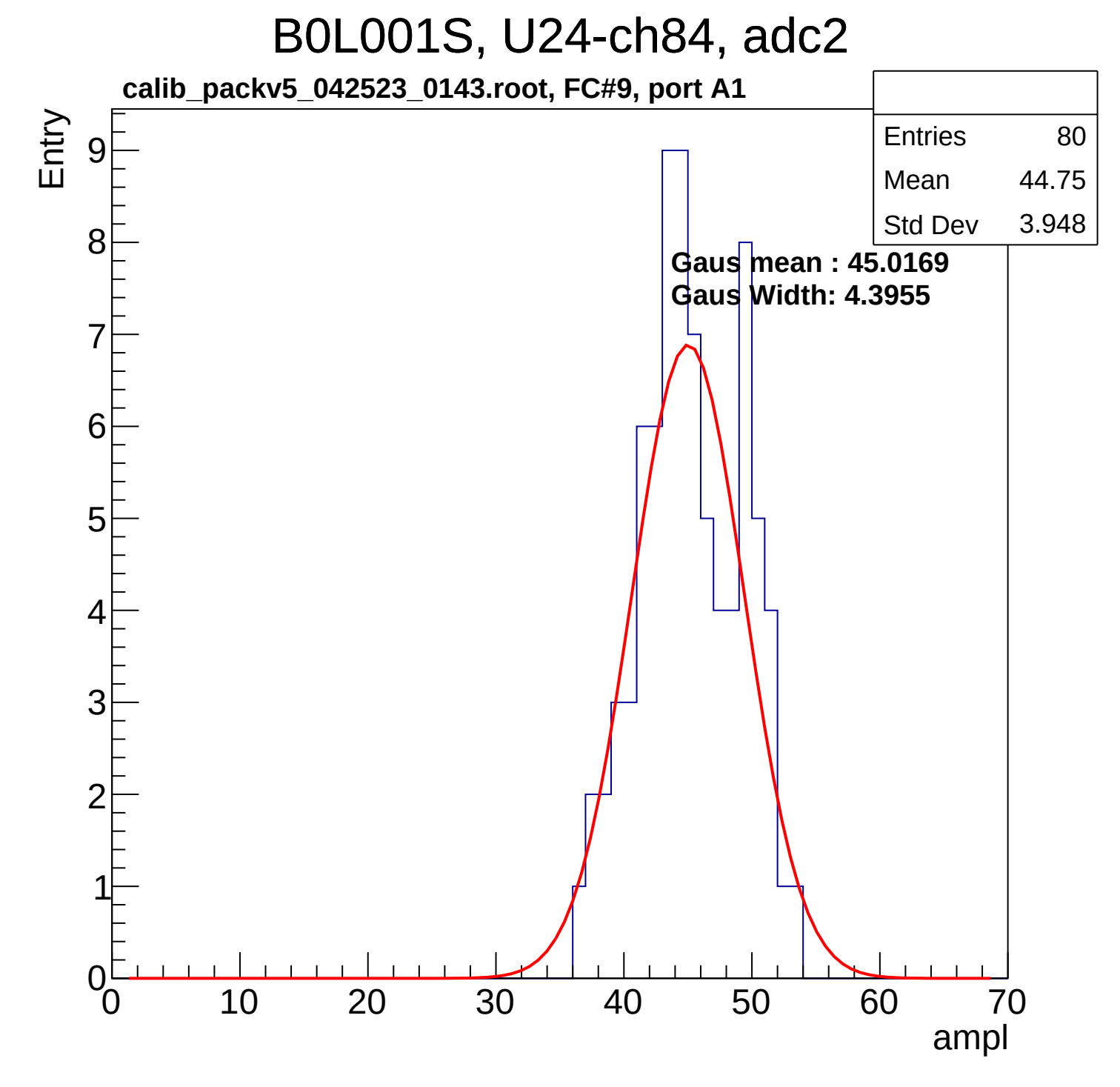
B0L001S, U24-ch84, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 44.75
Std Dev 3.948
Gaus mean : 45.0169
Gaus Width: 4.3955
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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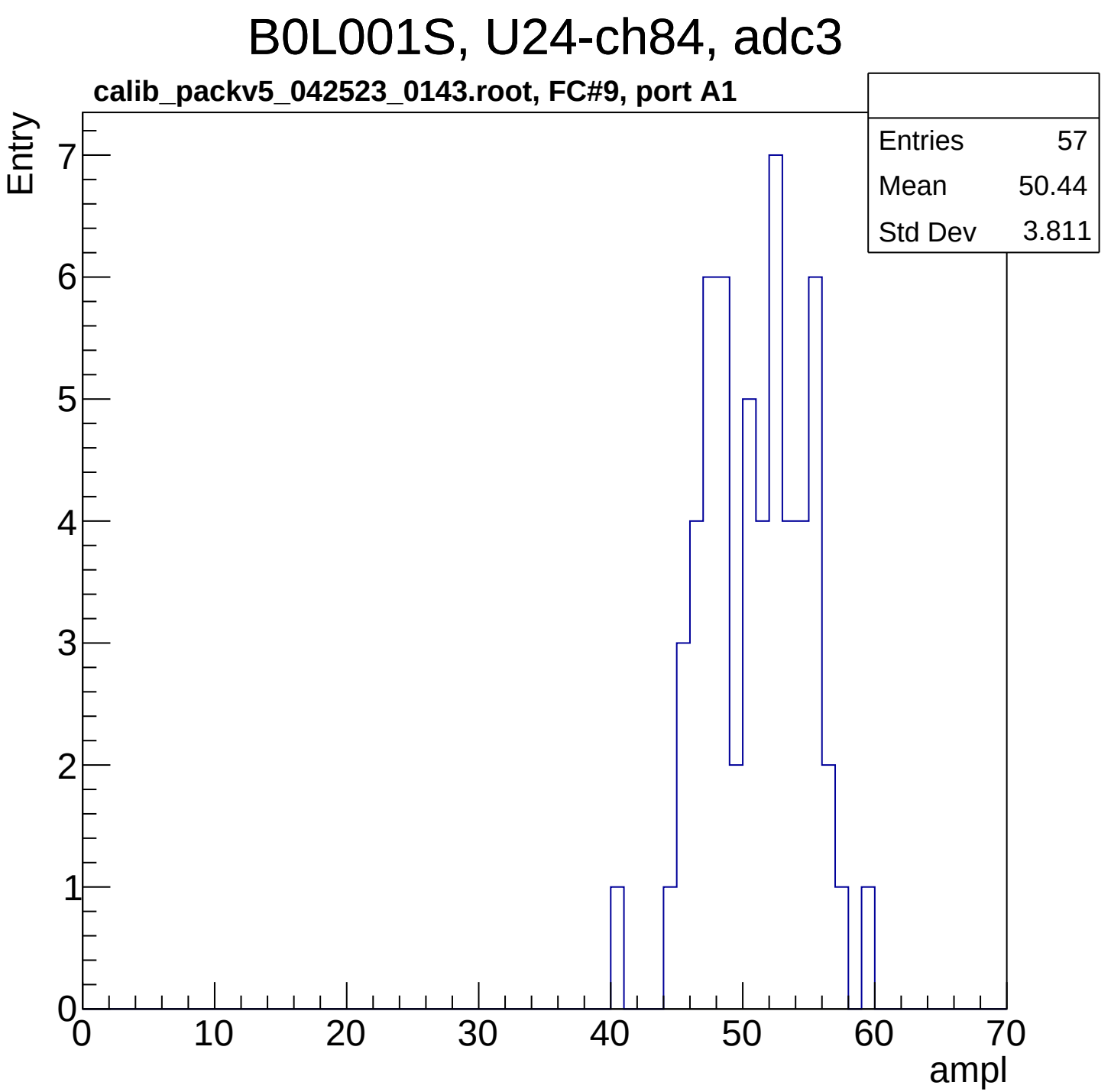
B0L001S, U24-ch84, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 50.44
Std Dev 3.811
Entry
ampl
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4
5
6
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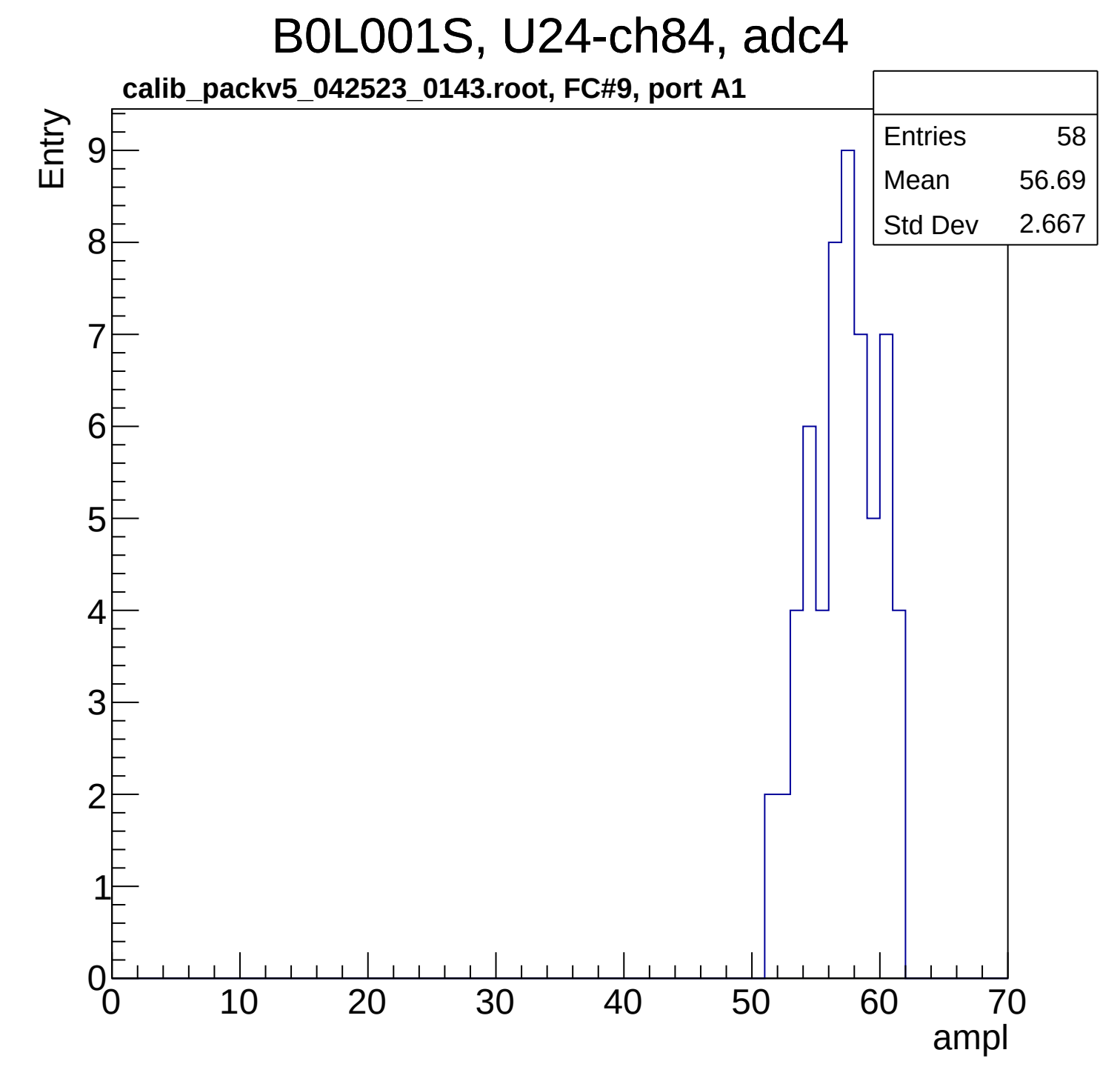
B0L001S, U24-ch84, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 56.69
Std Dev 2.667
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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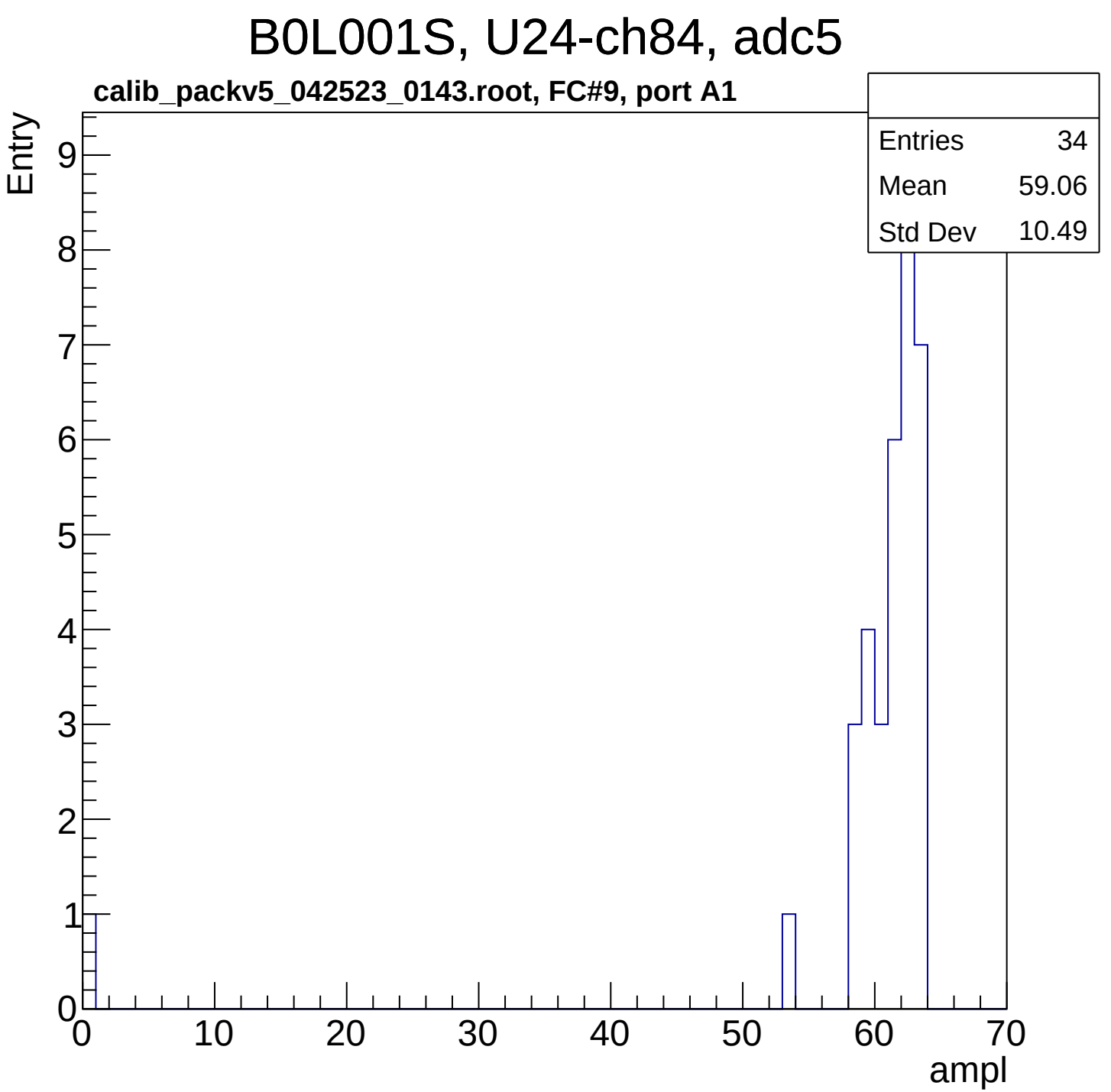
B0L001S, U24-ch84, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 34
Mean 59.06
Std Dev 10.49
Entry
ampl
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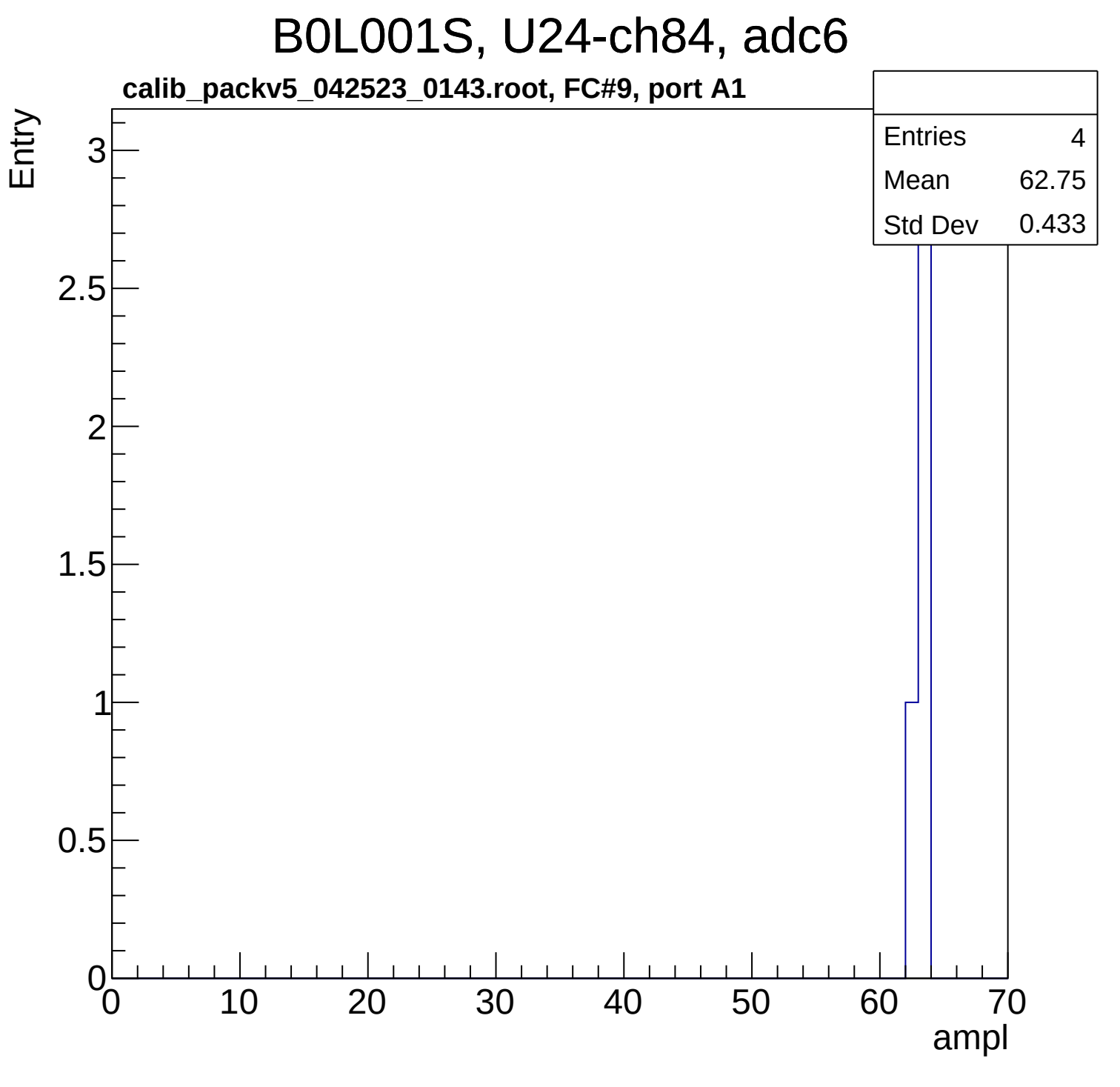
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch84, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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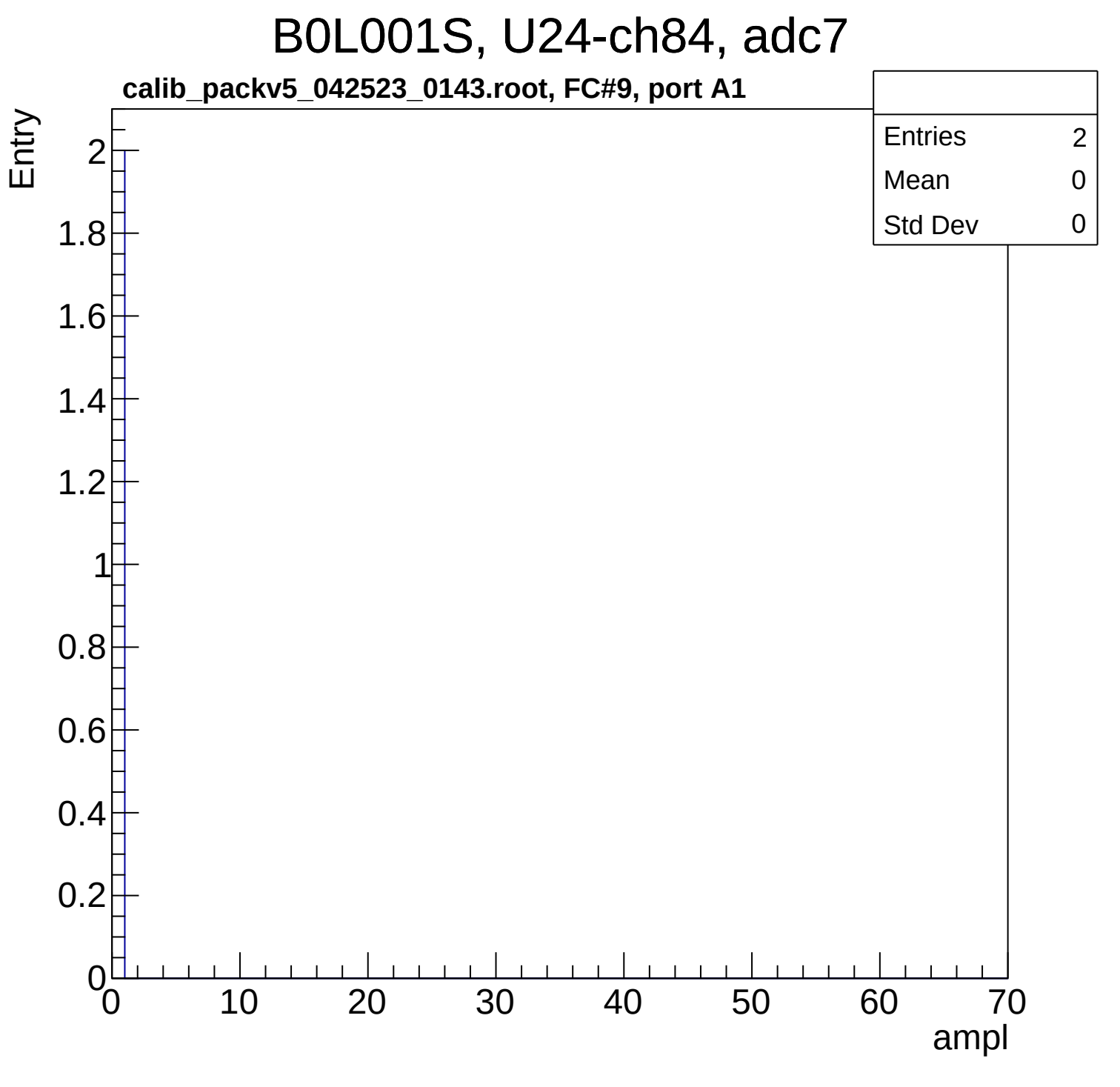
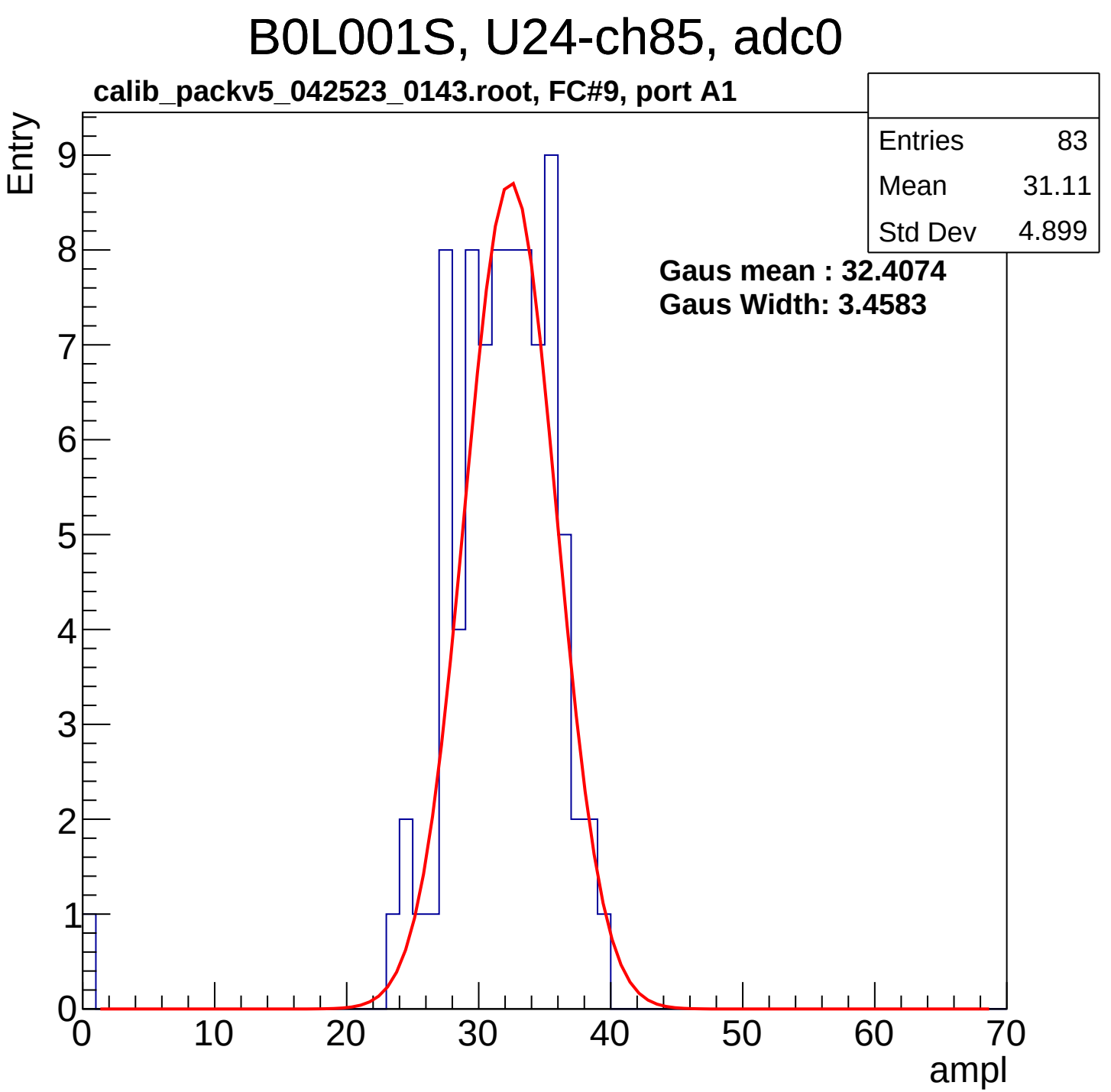

B0L001S, U24-ch84, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch85, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 31.11
Std Dev 4.899
Gaus mean : 32.4074
Gaus Width: 3.4583
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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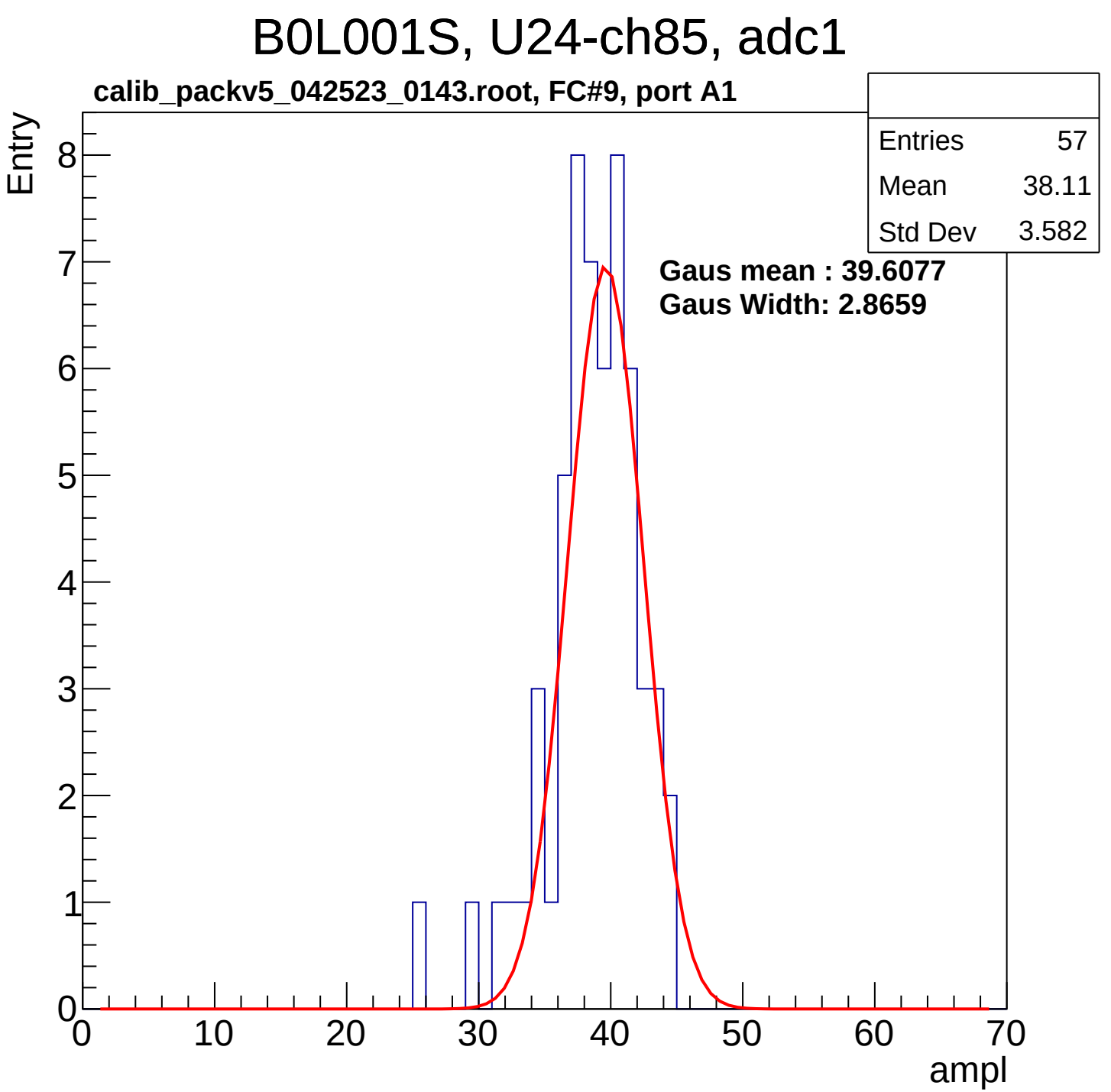
B0L001S, U24-ch85, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 38.11
Std Dev 3.582
Gaus mean : 39.6077
Gaus Width: 2.8659
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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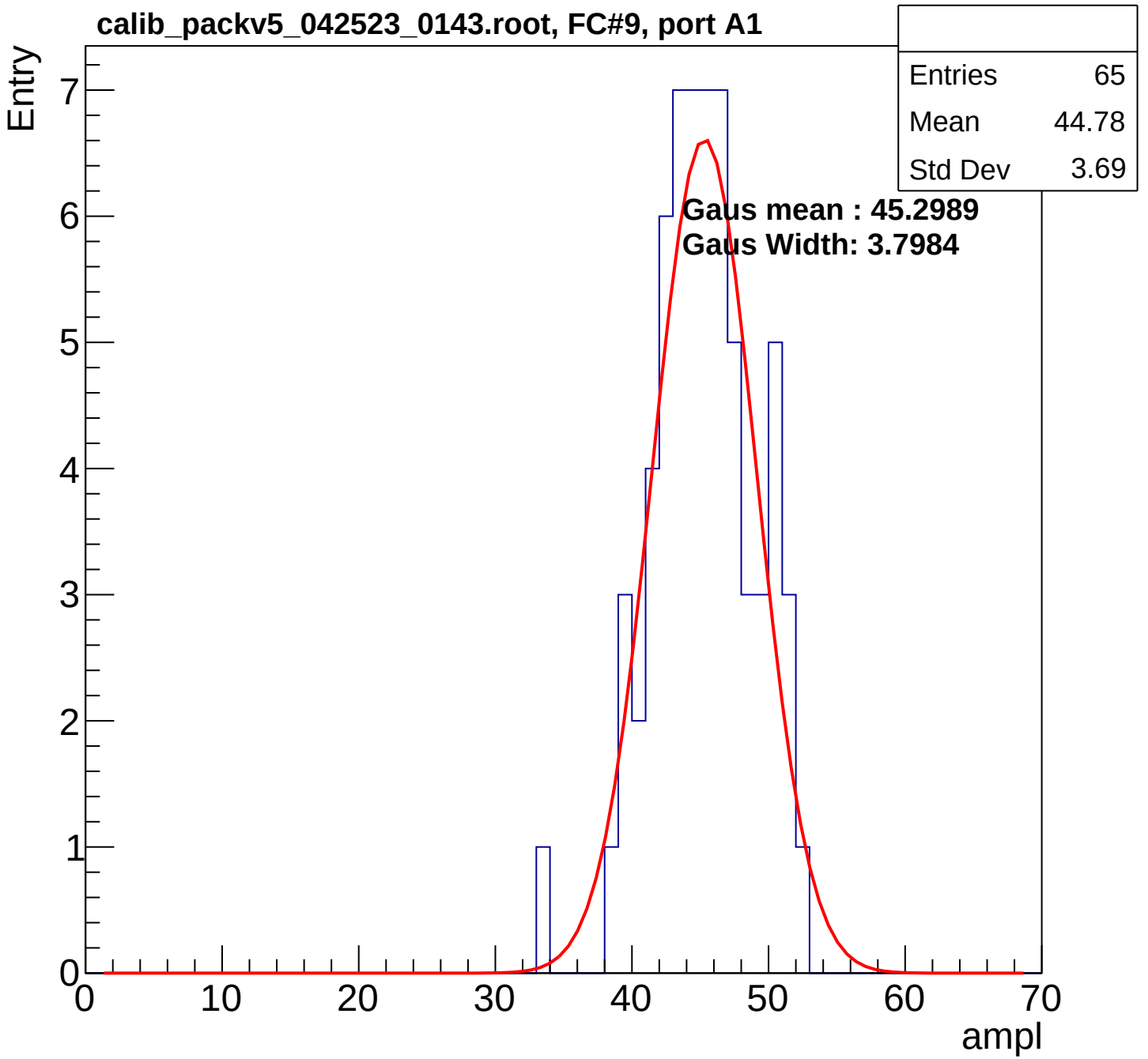
B0L001S, U24-ch85, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 44.78
Std Dev 3.69
Gaus mean : 45.2989
Gaus Width: 3.7984
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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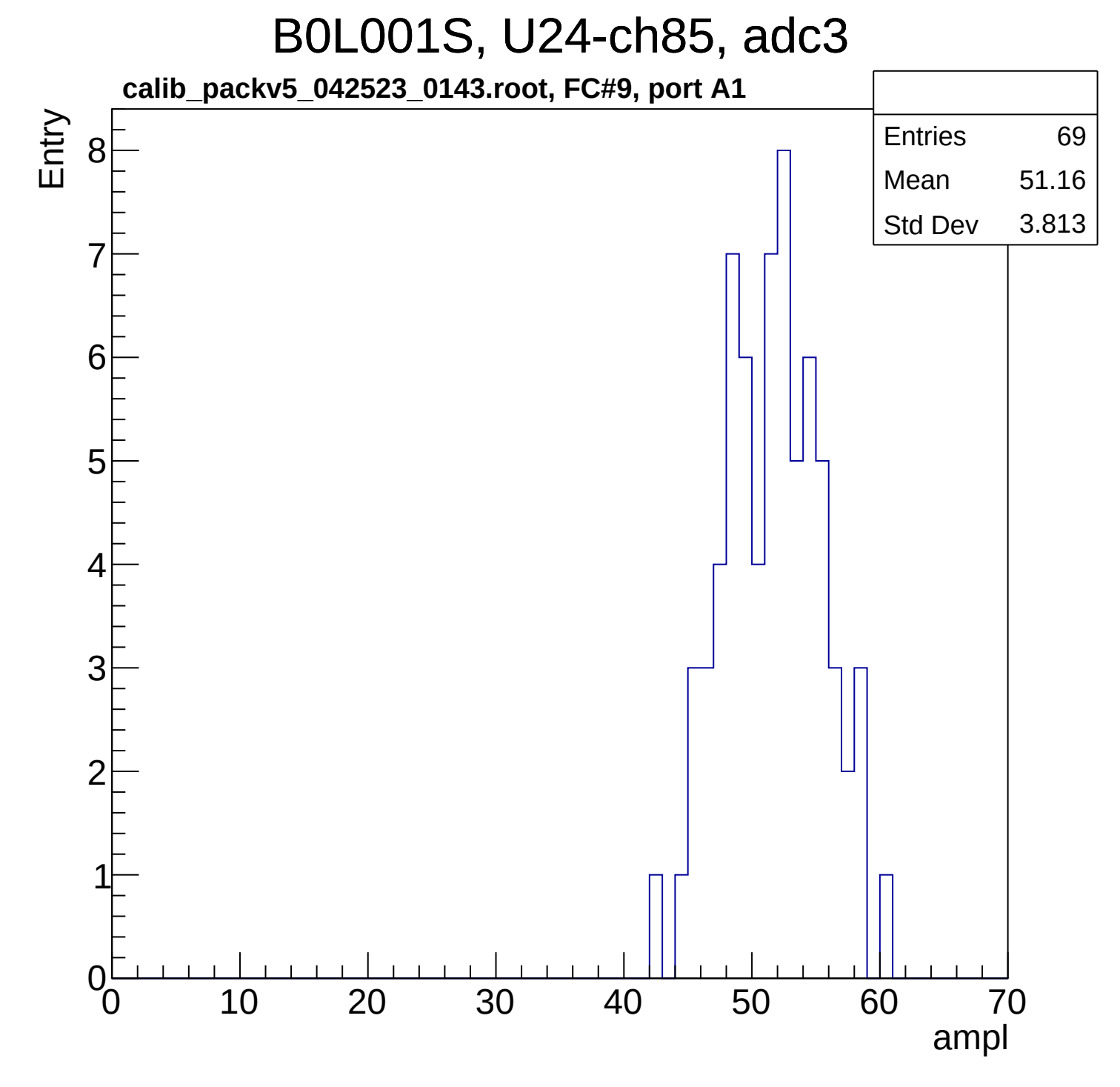
B0L001S, U24-ch85, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 51.16
Std Dev 3.813
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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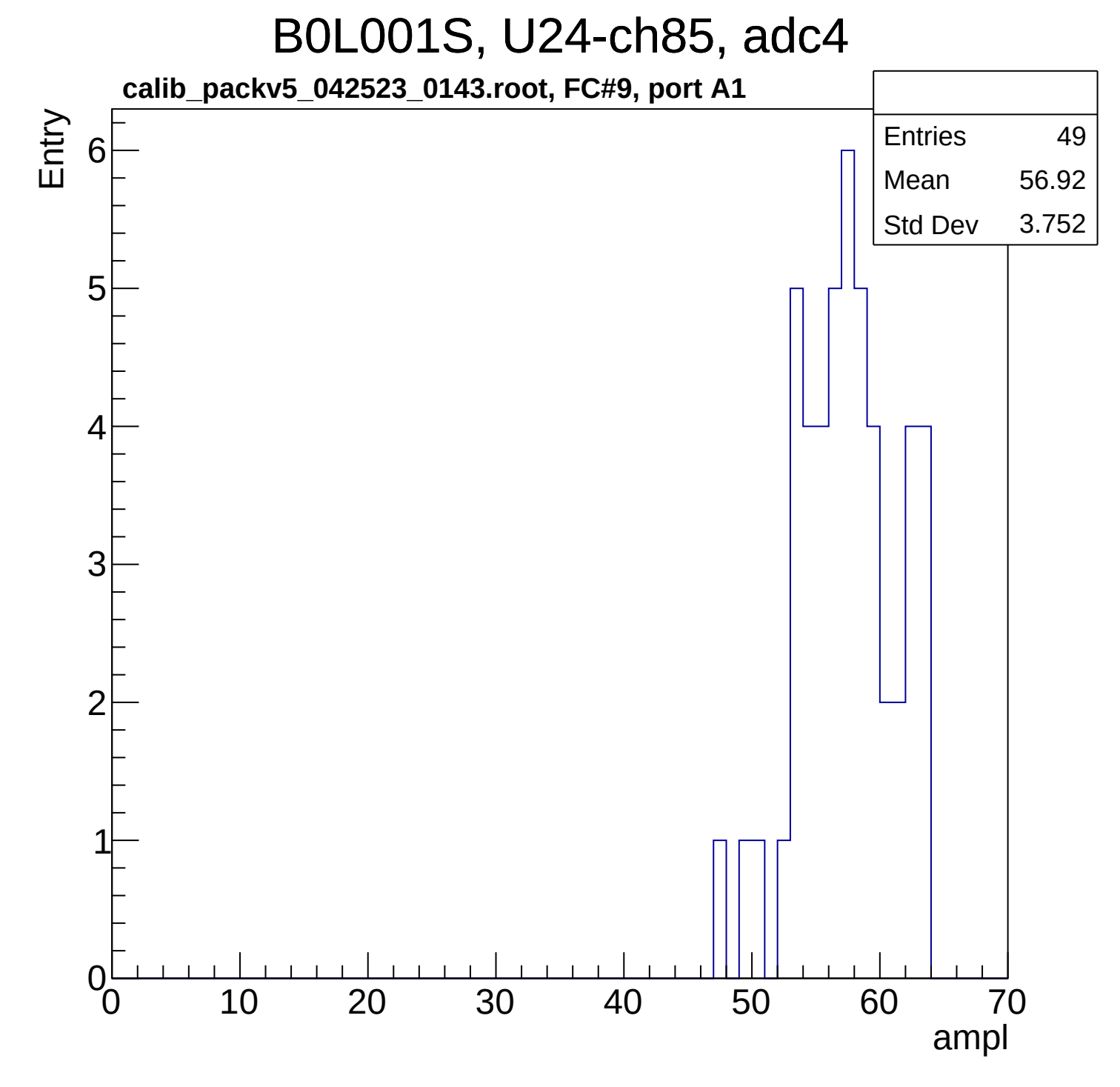
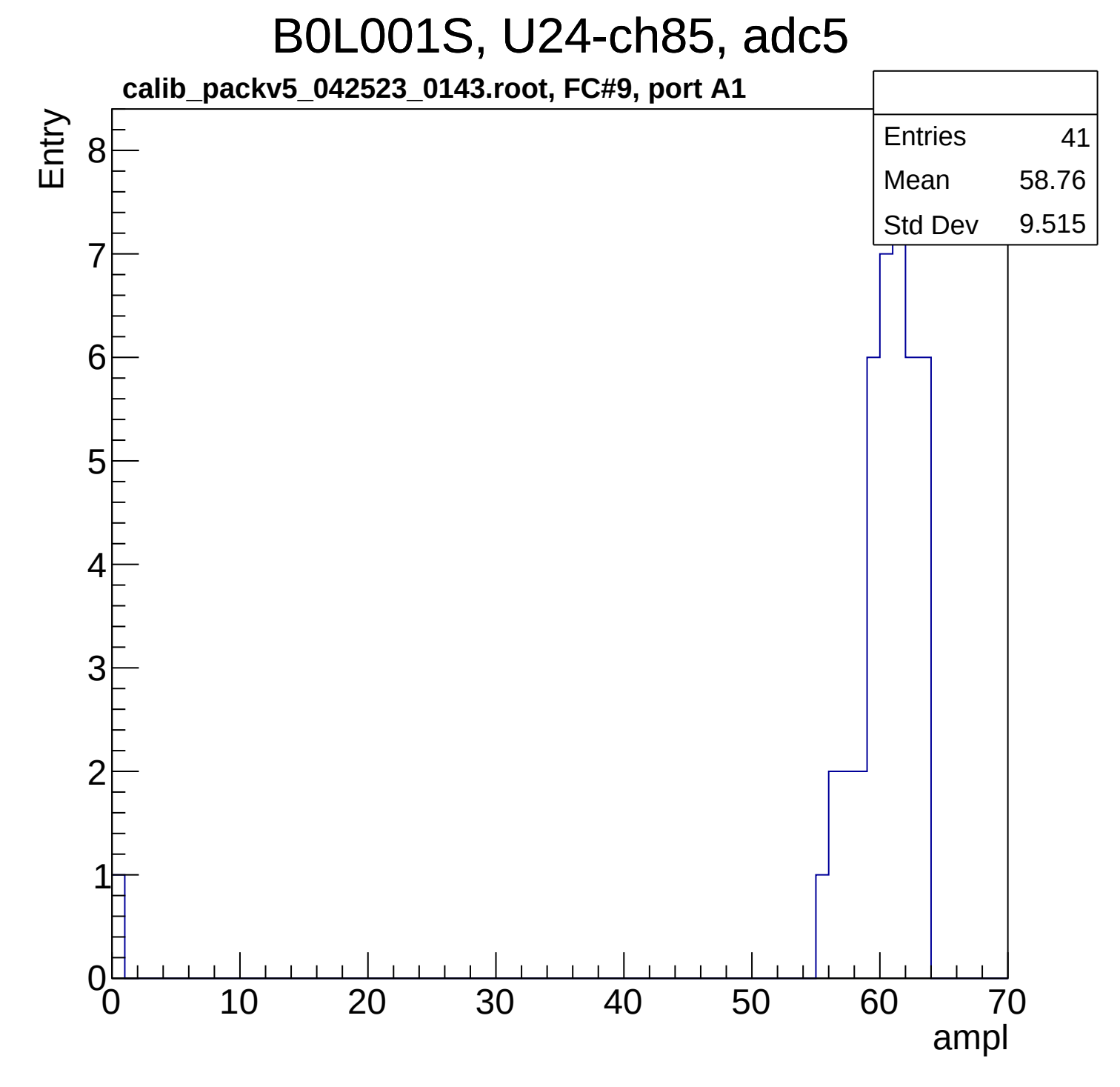

B0L001S, U24-ch85, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 56.92
Std Dev 3.752
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch85, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 58.76
Std Dev 9.515
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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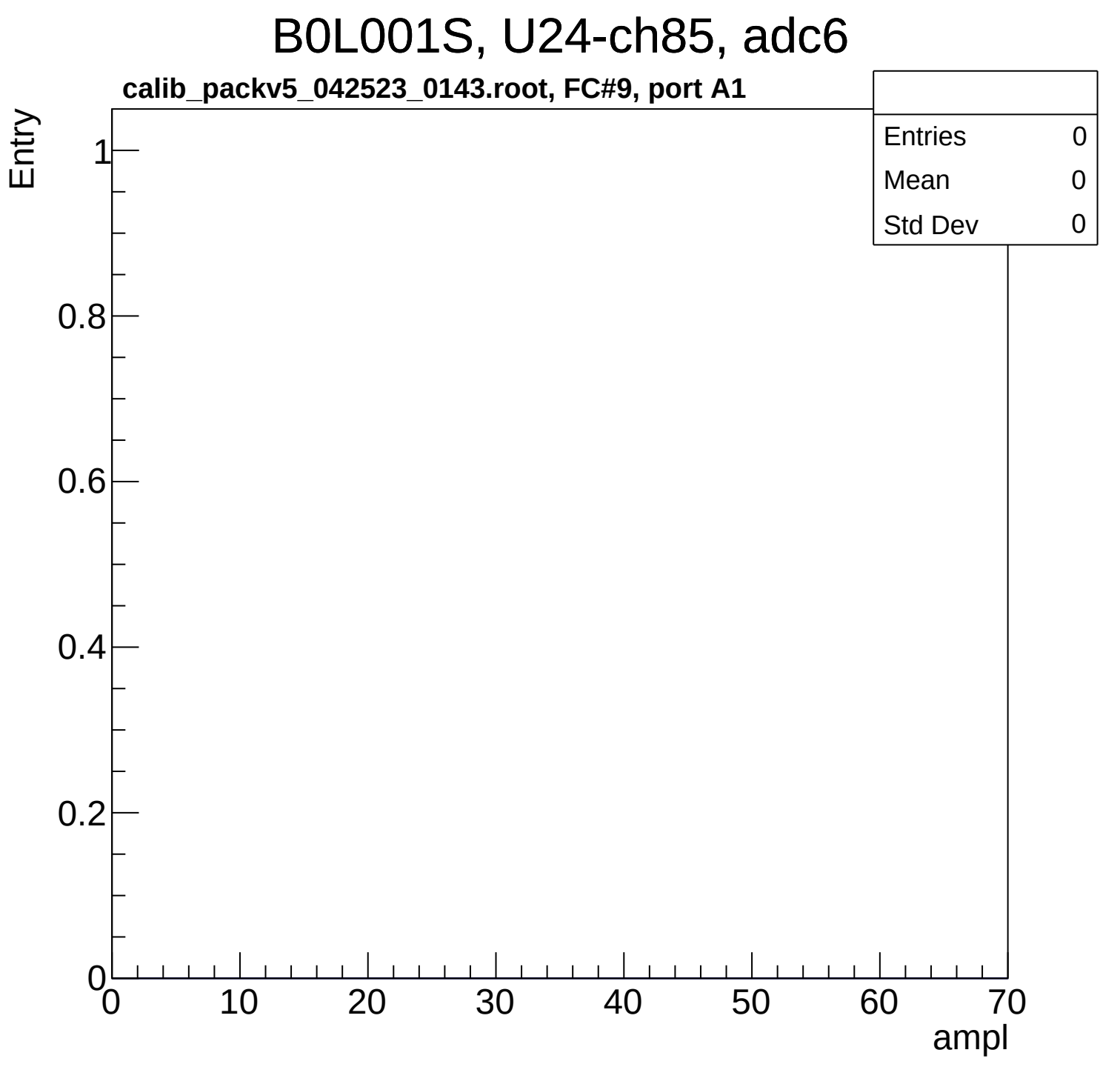
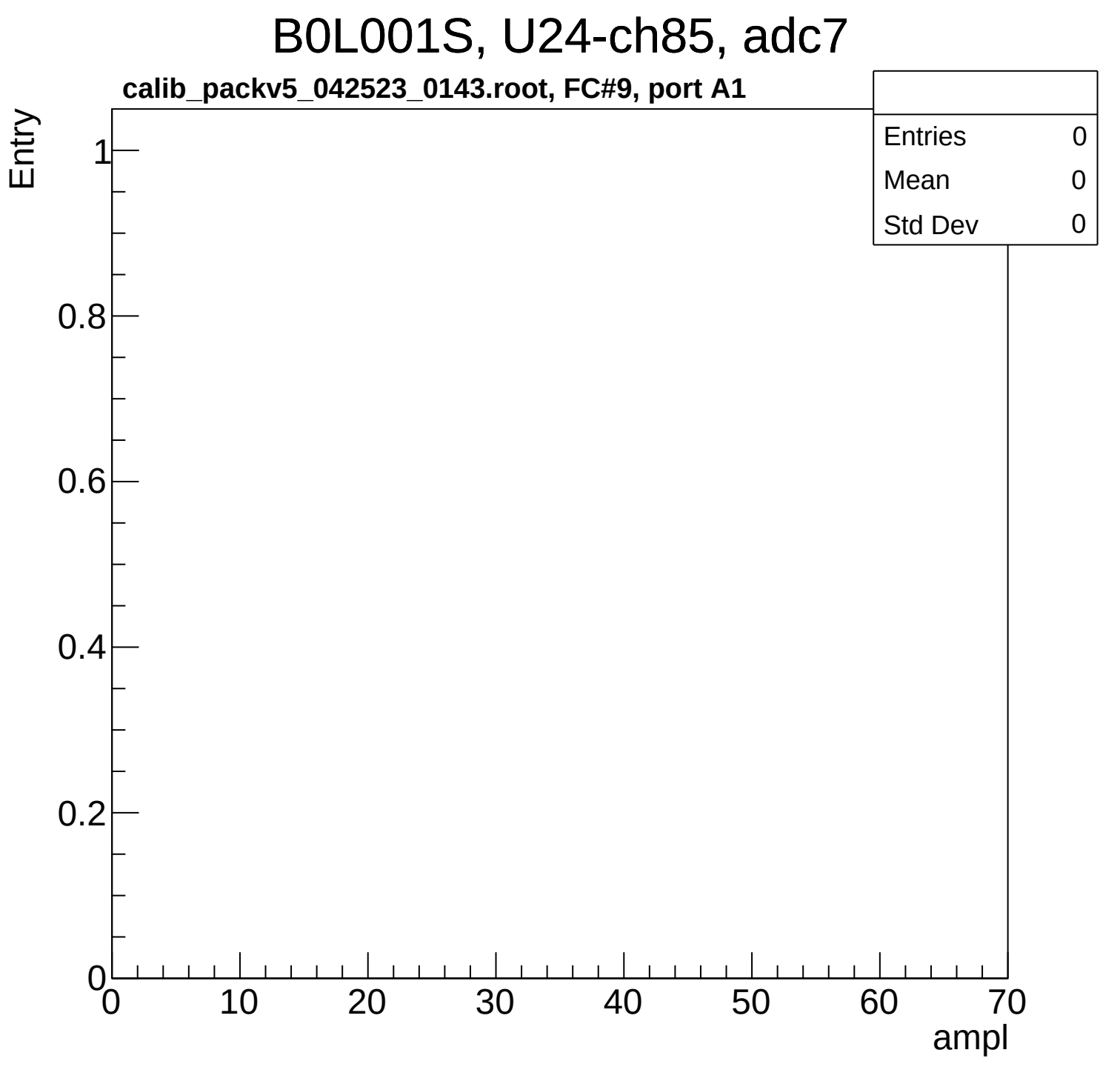
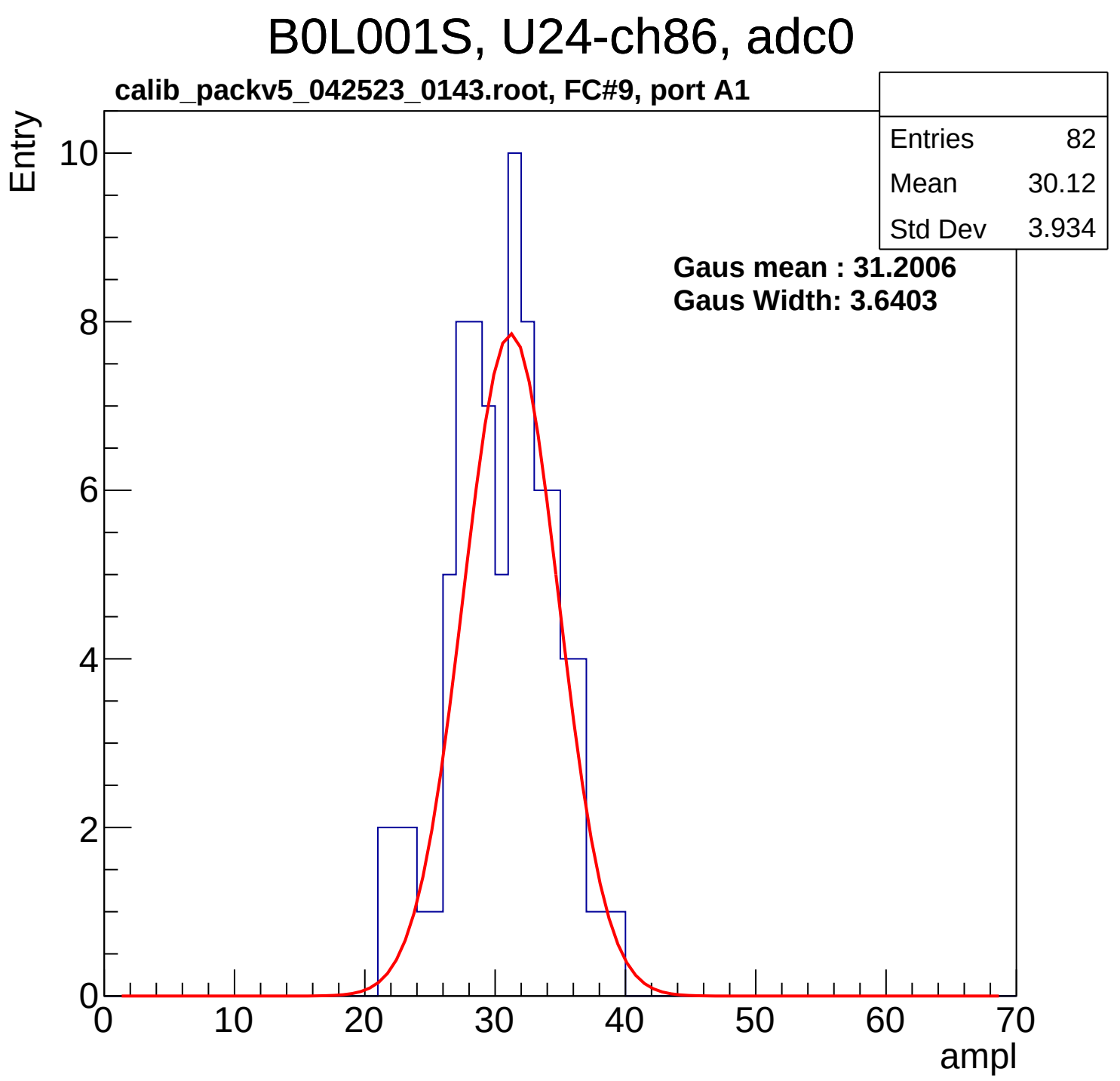
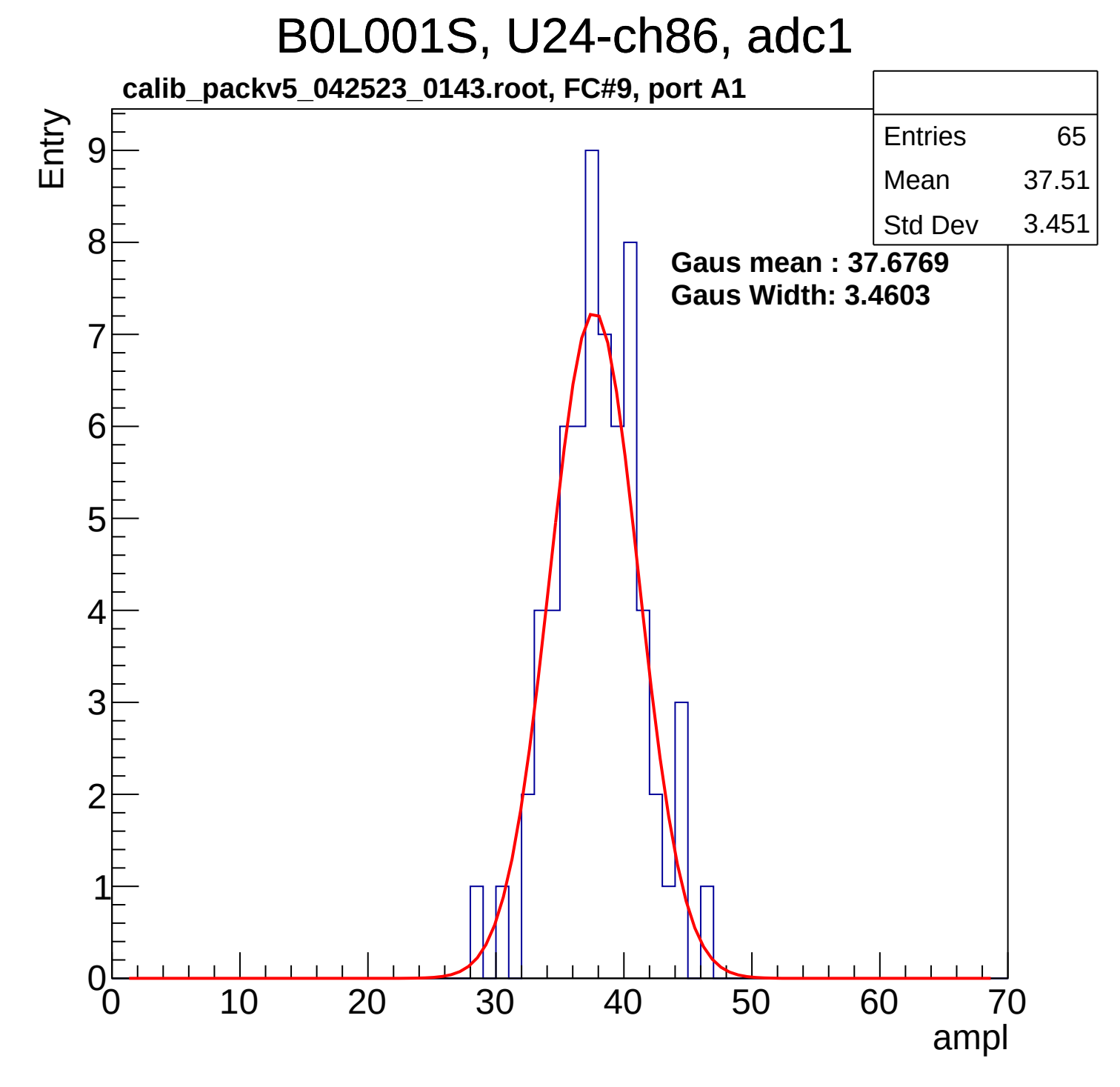

B0L001S, U24-ch85, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch85, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch86, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 30.12
Std Dev 3.934
Gaus mean : 31.2006
Gaus Width: 3.6403
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch86, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 37.51
Std Dev 3.451
Gaus mean : 37.6769
Gaus Width: 3.4603
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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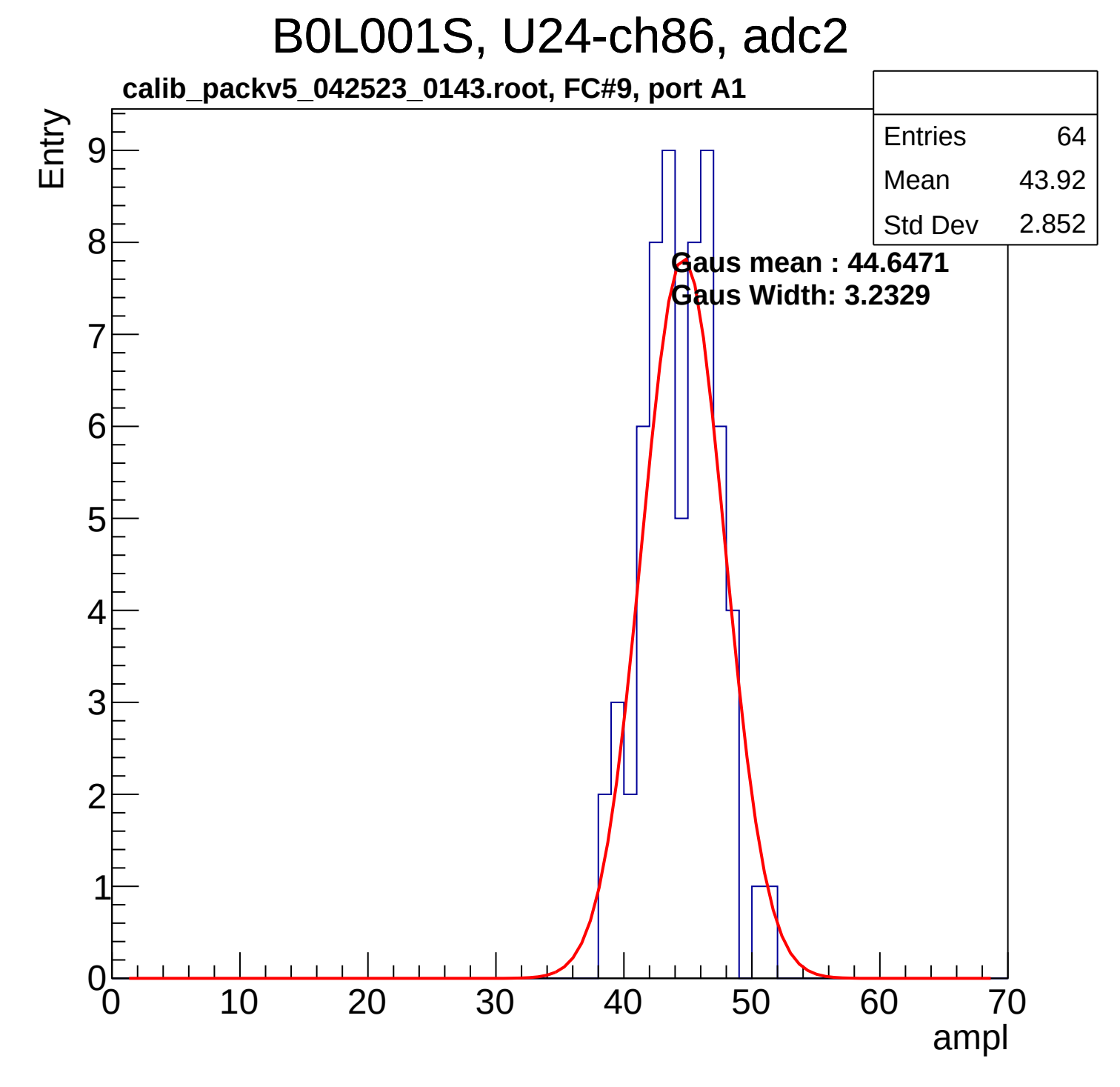
B0L001S, U24-ch86, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 43.92
Std Dev 2.852
Gaus mean : 44.6471
Gaus Width: 3.2329
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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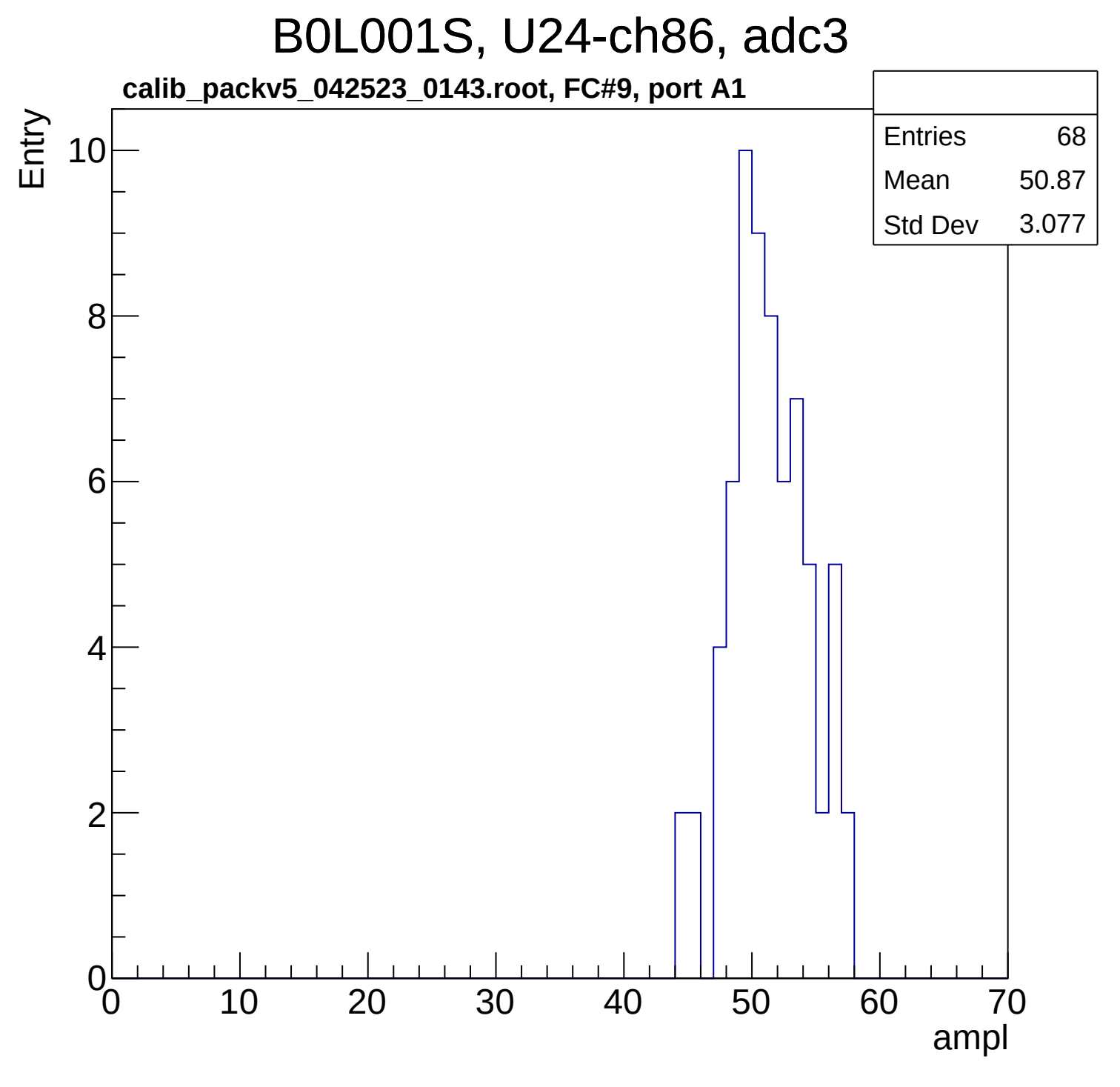
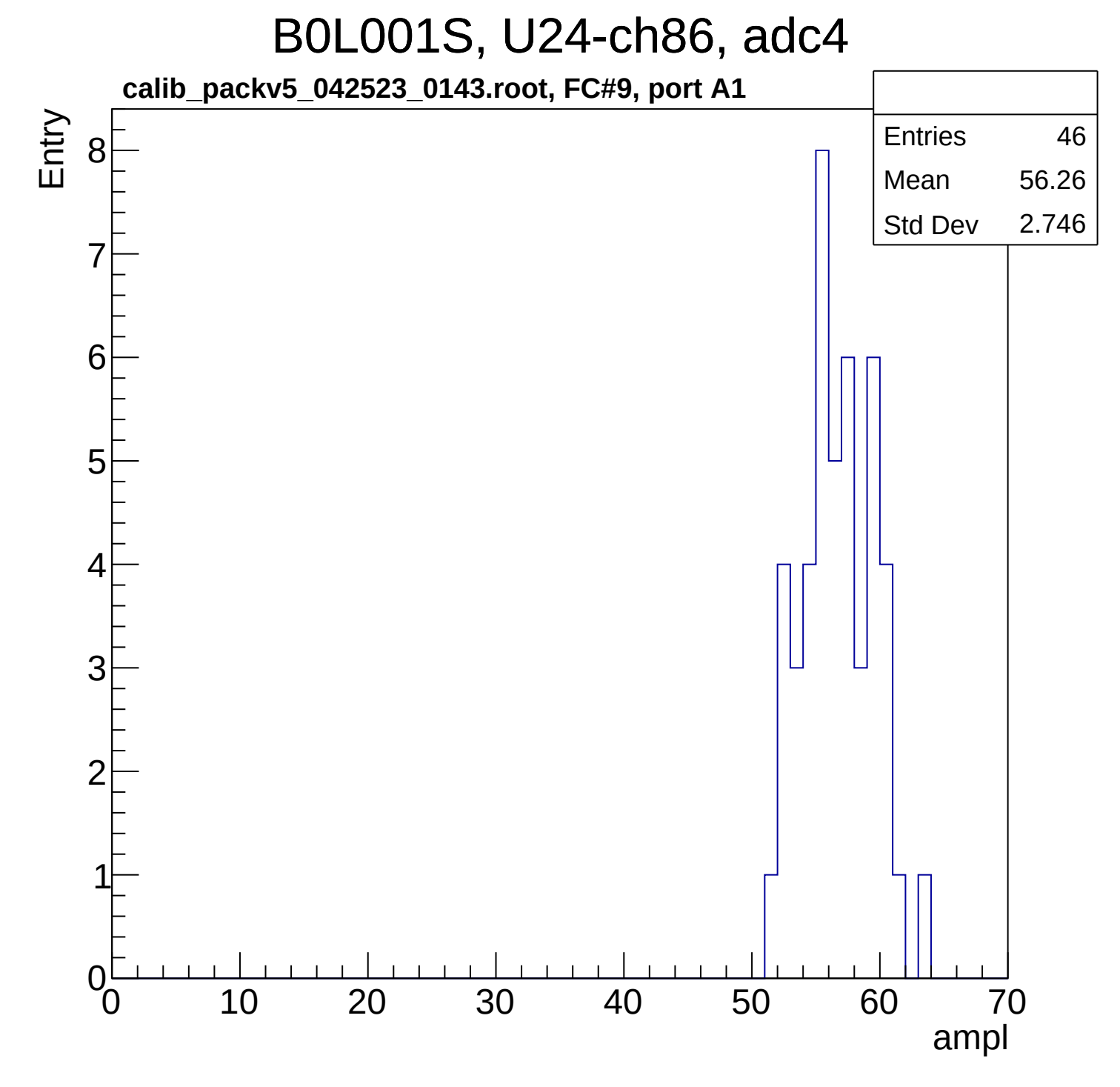

B0L001S, U24-ch86, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 50.87
Std Dev 3.077
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch86, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 56.26
Std Dev 2.746
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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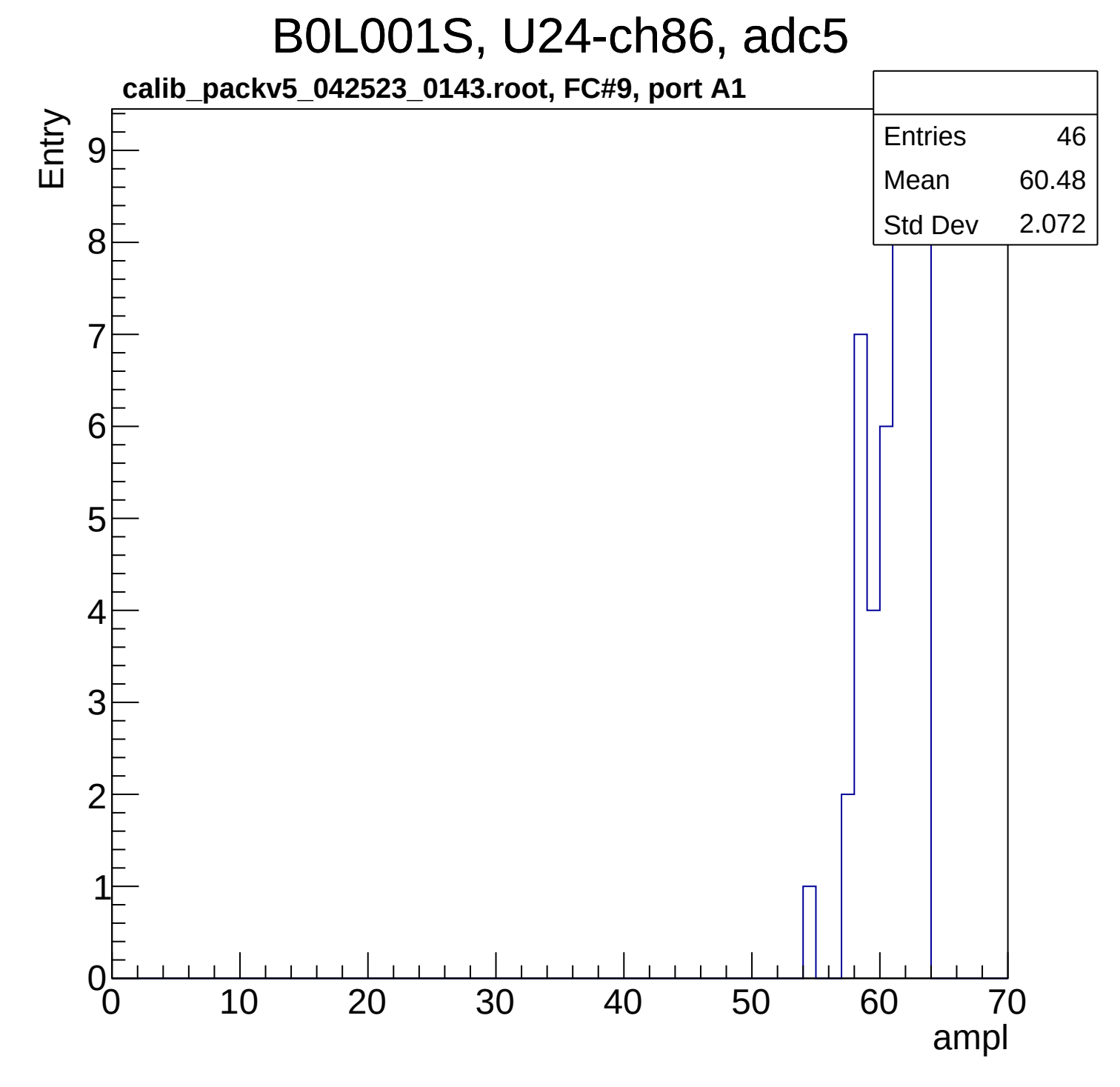
B0L001S, U24-ch86, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 60.48
Std Dev 2.072
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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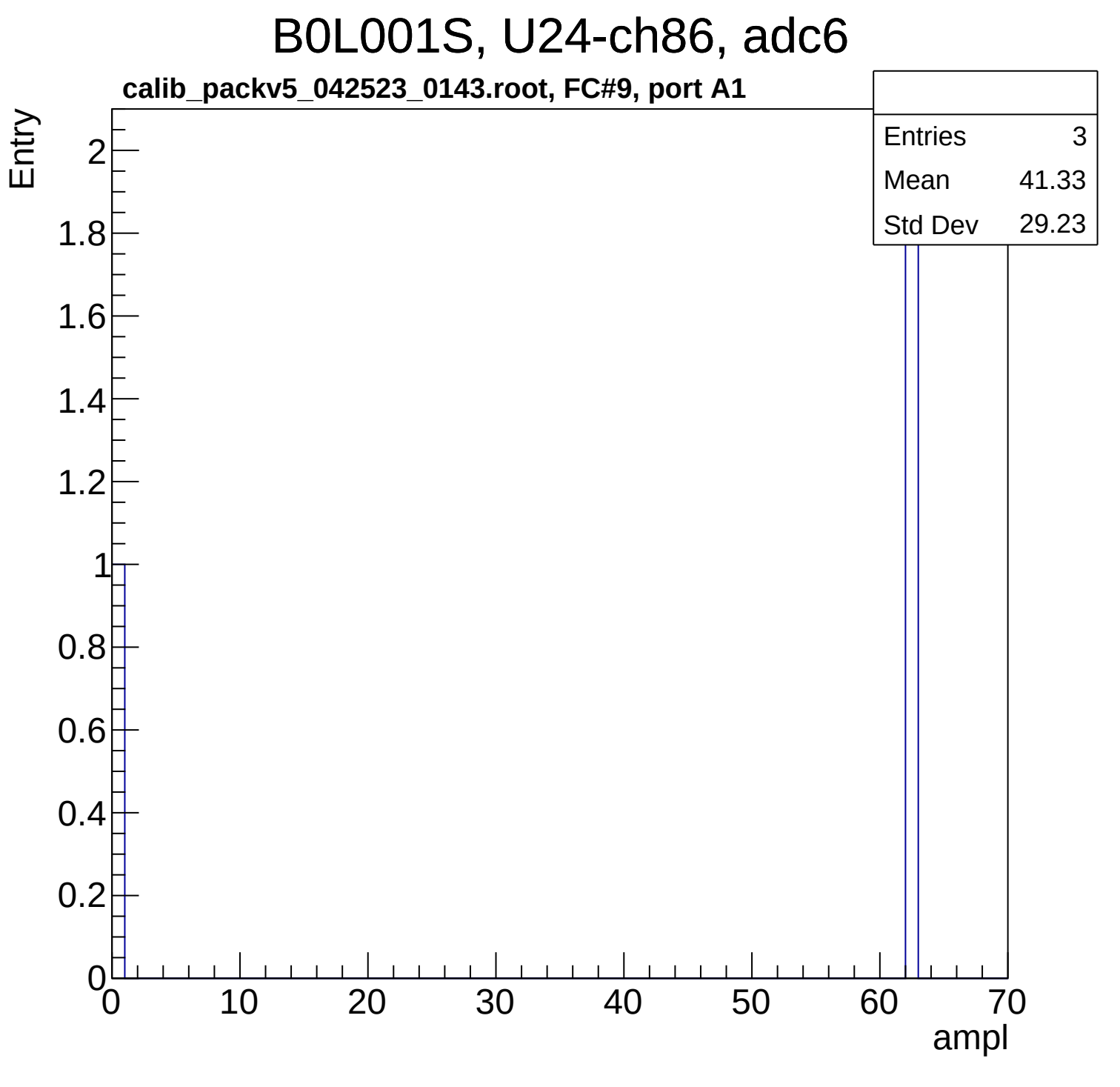
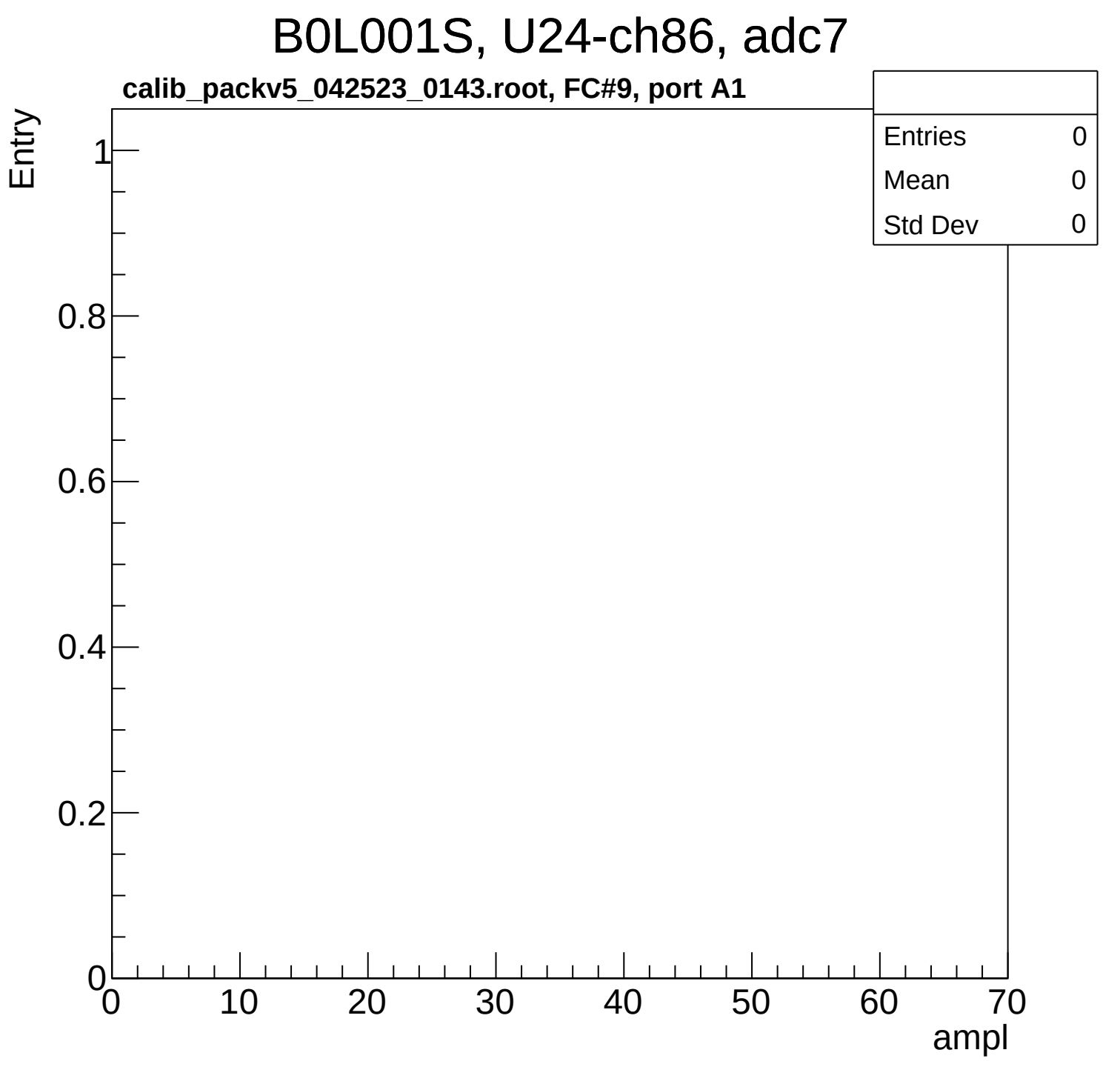
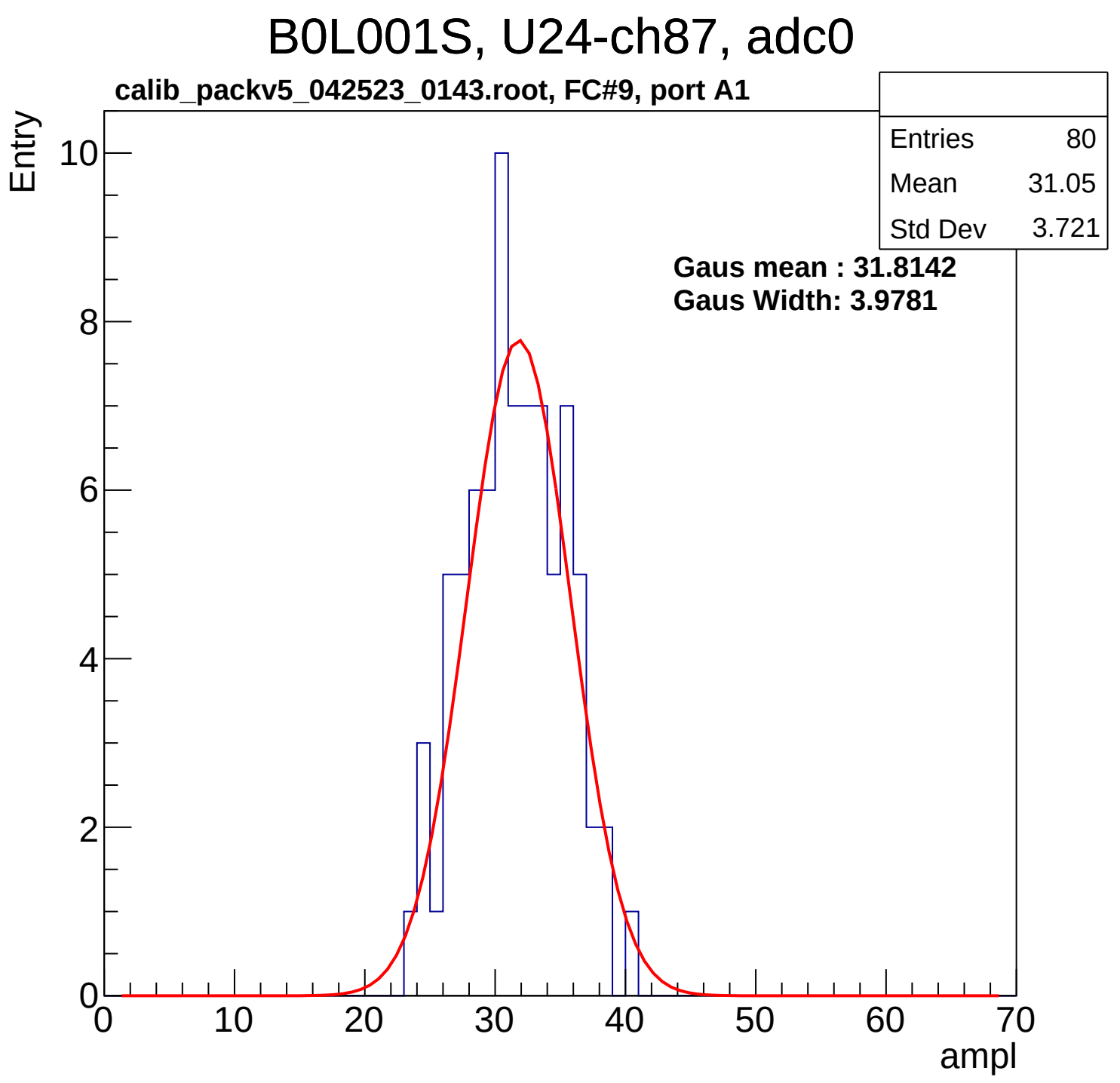

B0L001S, U24-ch86, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 41.33
Std Dev 29.23
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch86, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch87, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 80
Mean 31.05
Std Dev 3.721
Gaus mean : 31.8142
Gaus Width: 3.9781
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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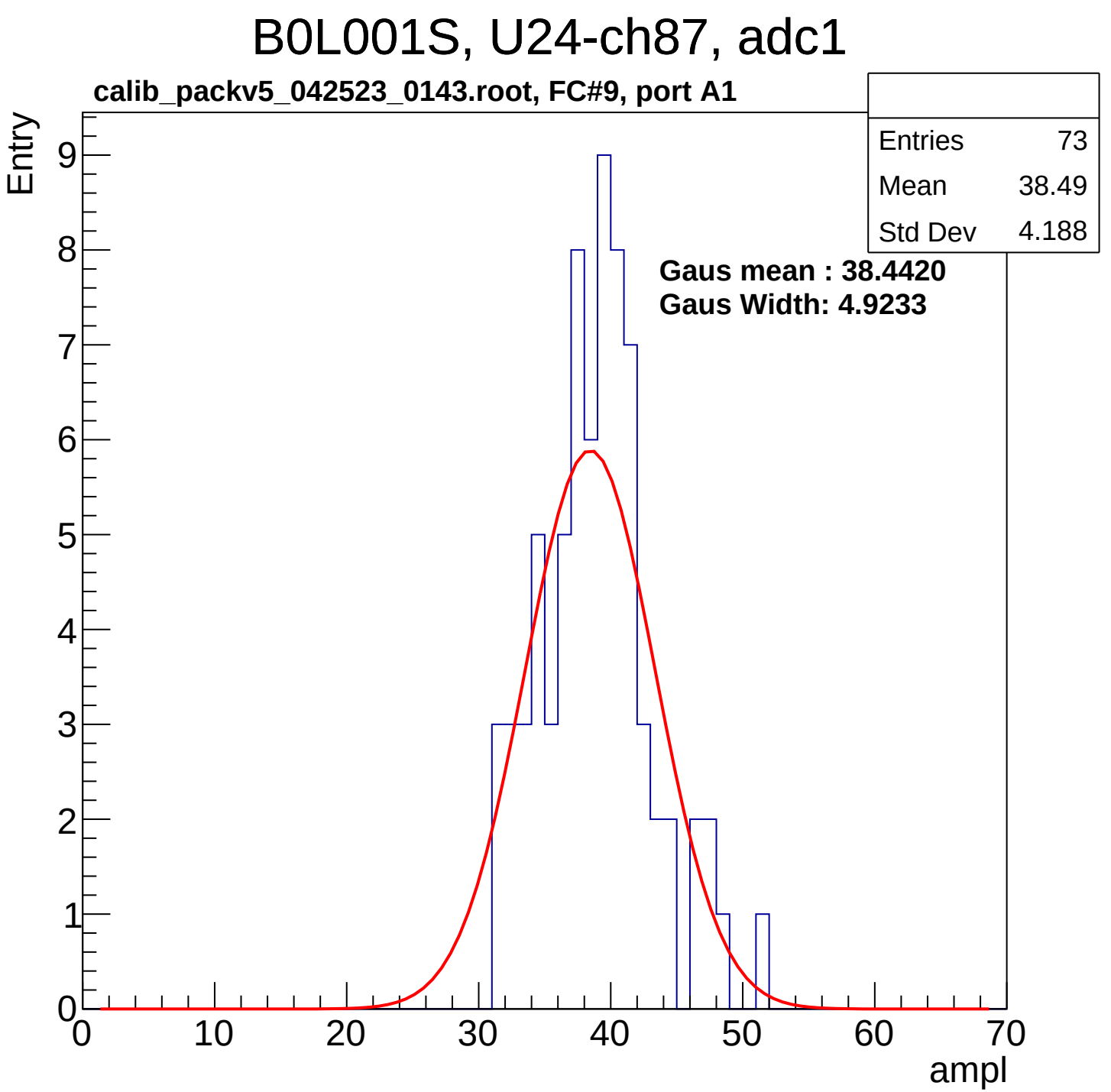
B0L001S, U24-ch87, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 38.49
Std Dev 4.188
Gaus mean : 38.4420
Gaus Width: 4.9233
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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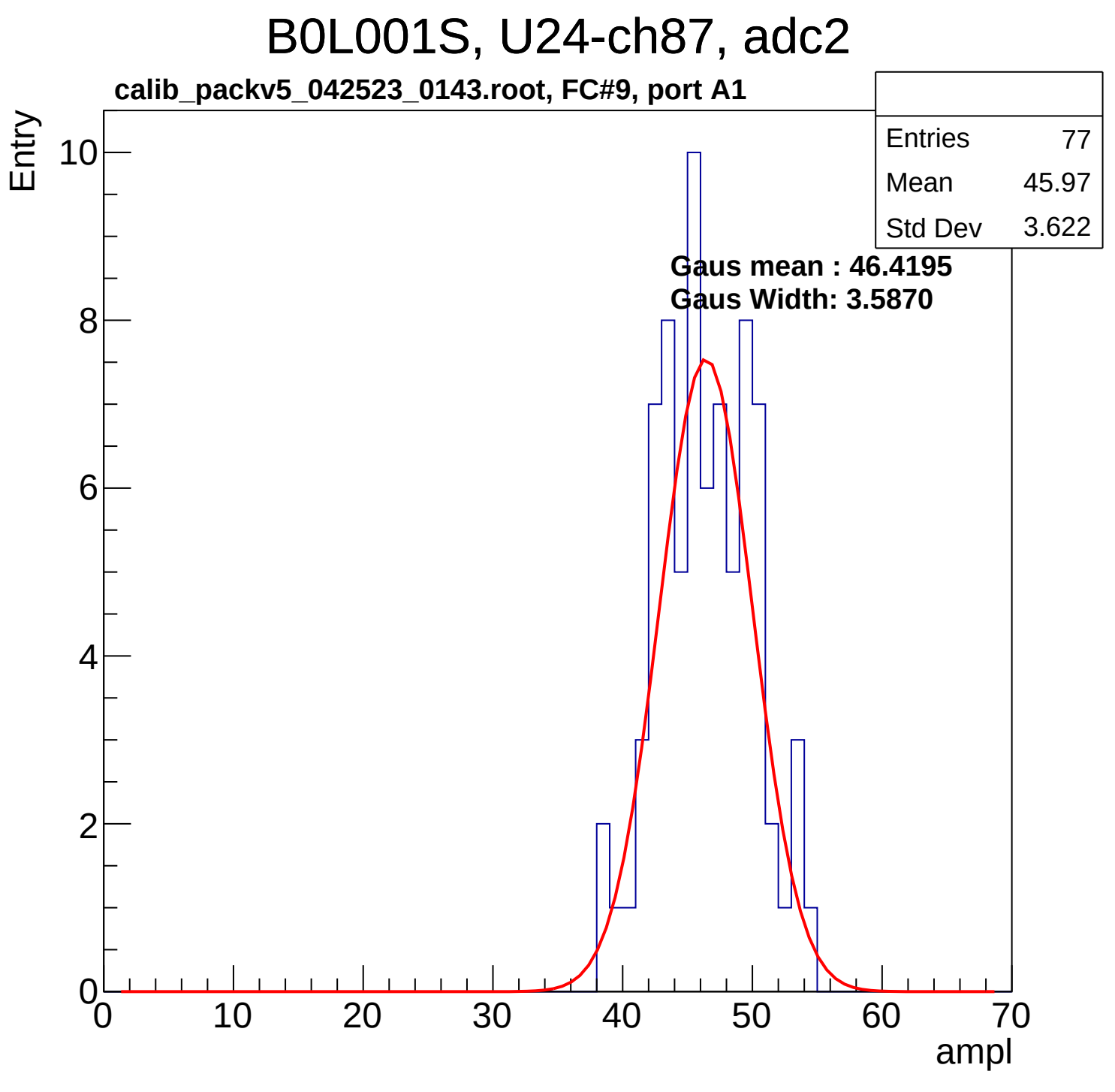
40
50
60
70


B0L001S, U24-ch87, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 45.97
Std Dev 3.622
Gaus mean : 46.4195
Gaus Width: 3.5870
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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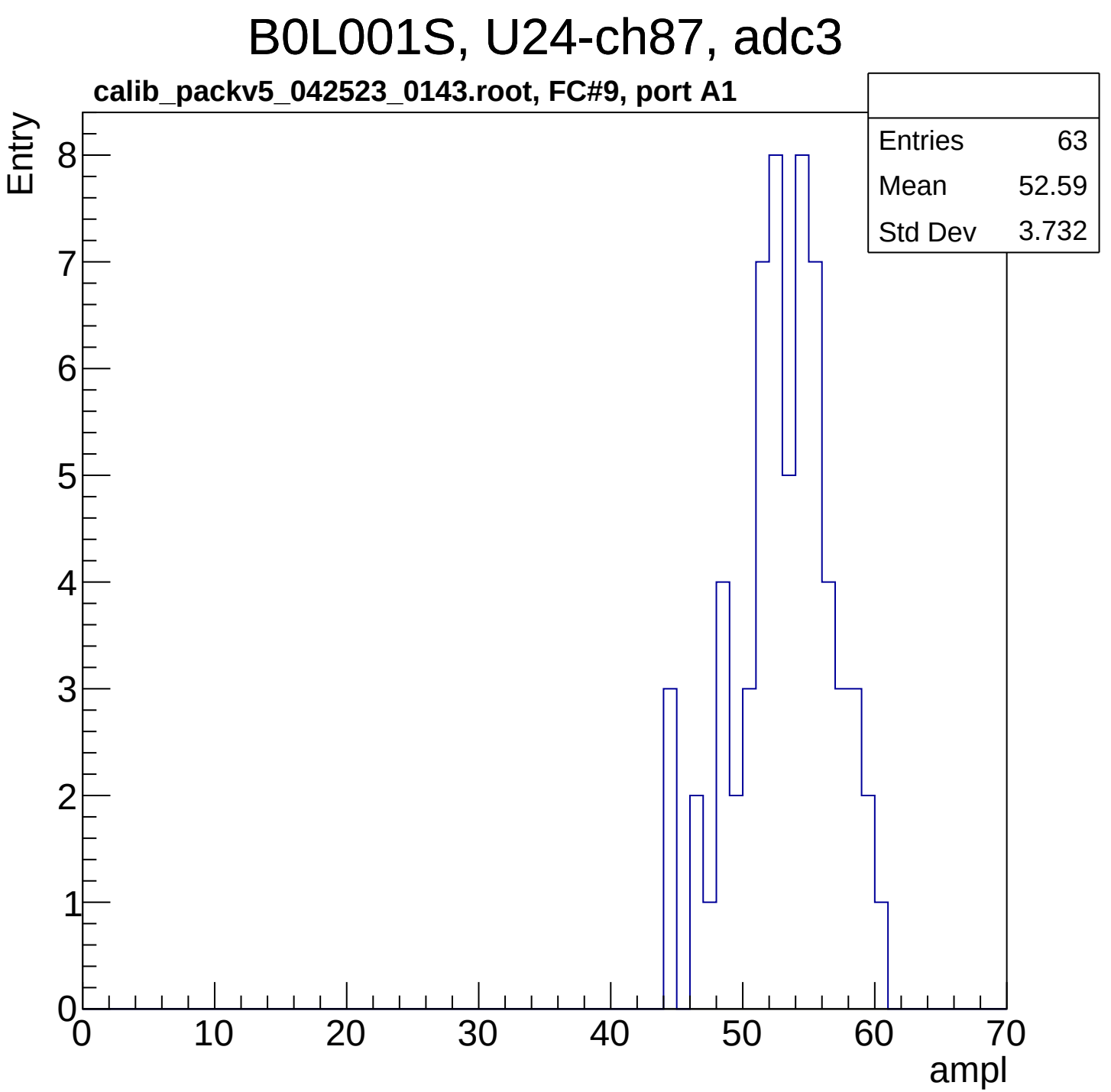
B0L001S, U24-ch87, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 52.59
Std Dev 3.732
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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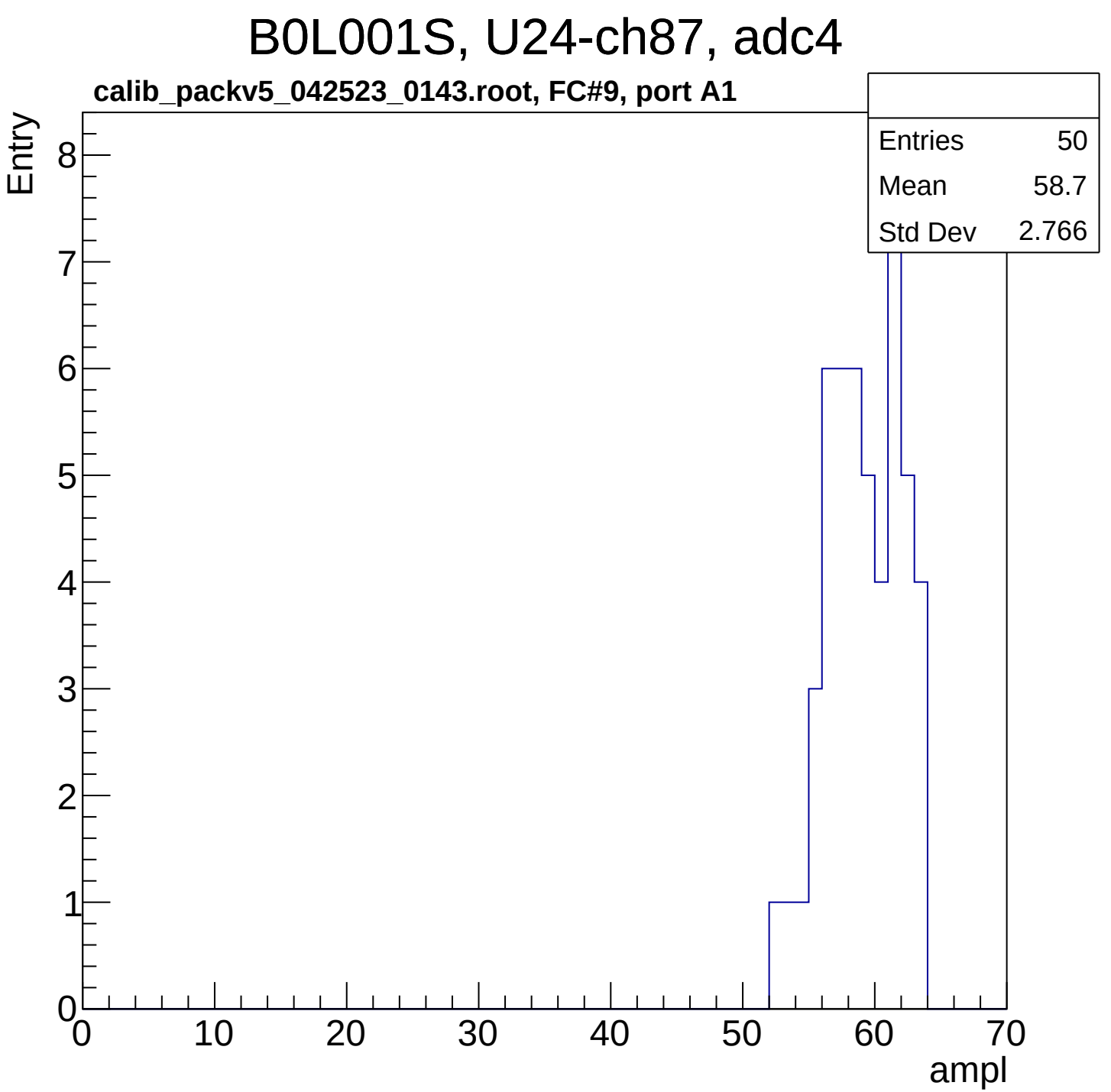
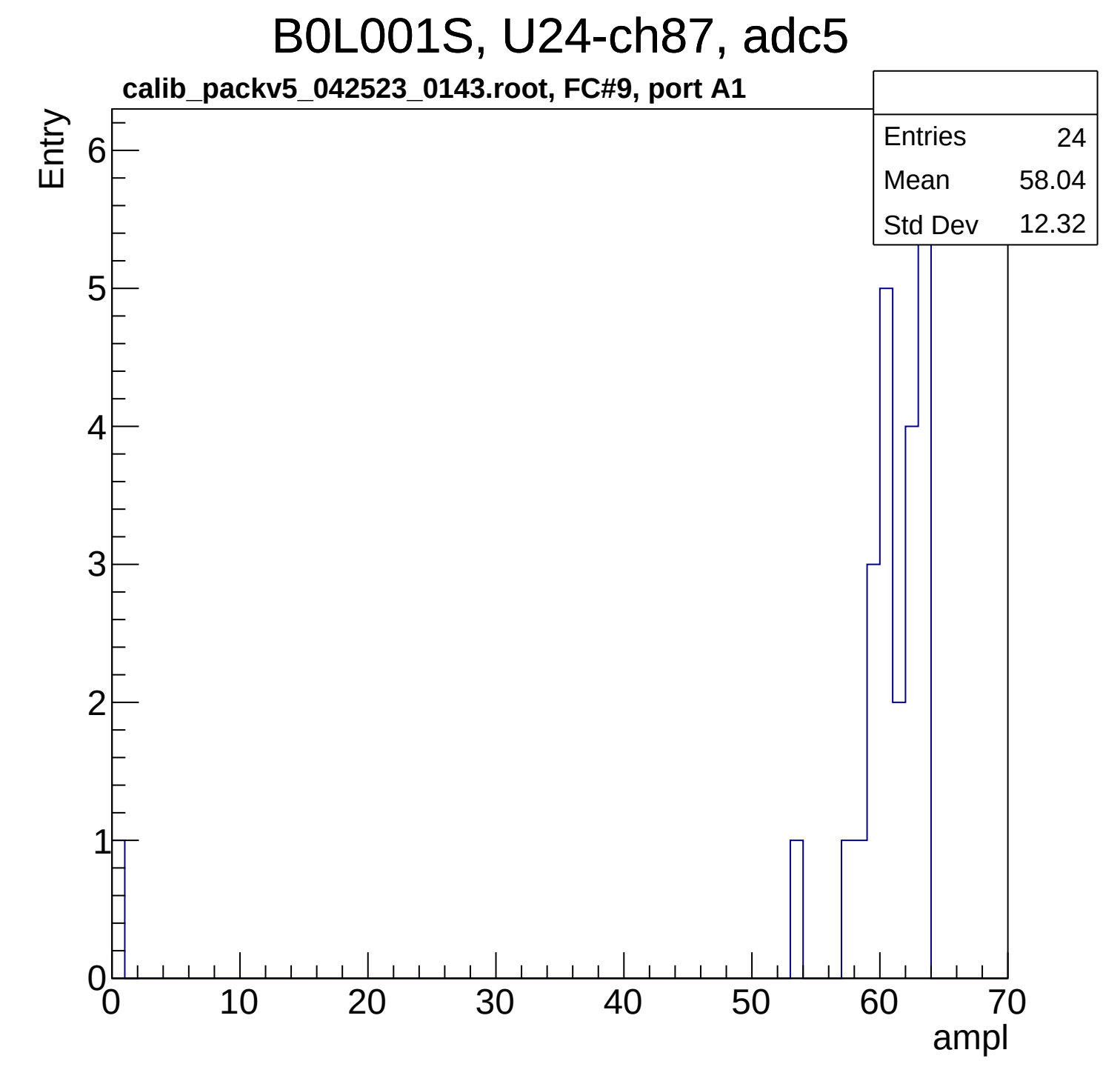

B0L001S, U24-ch87, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 58.7
Std Dev 2.766
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch87, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 58.04
Std Dev 12.32
Entry
0
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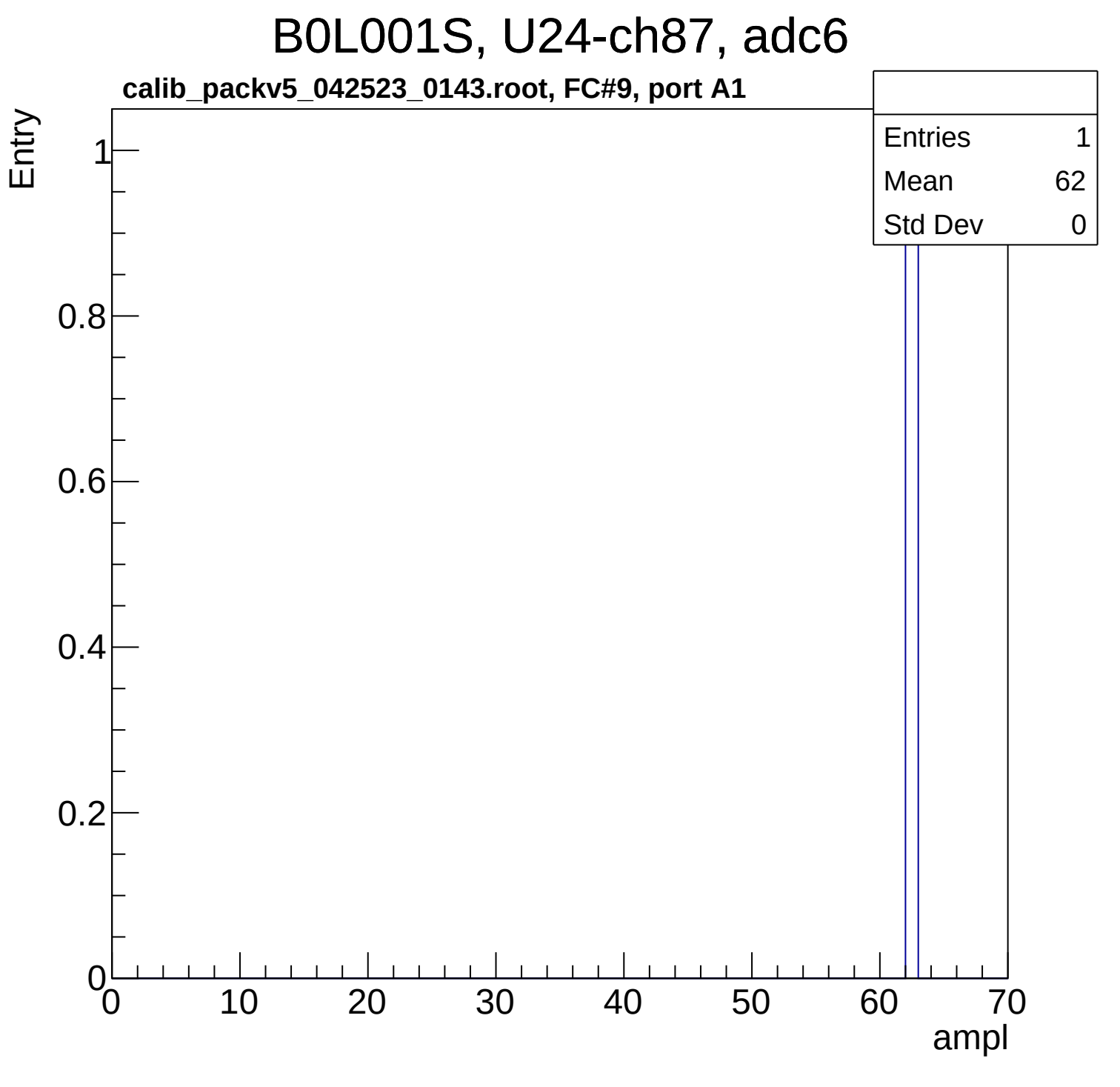
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch87, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 62
Std Dev 0
Entry
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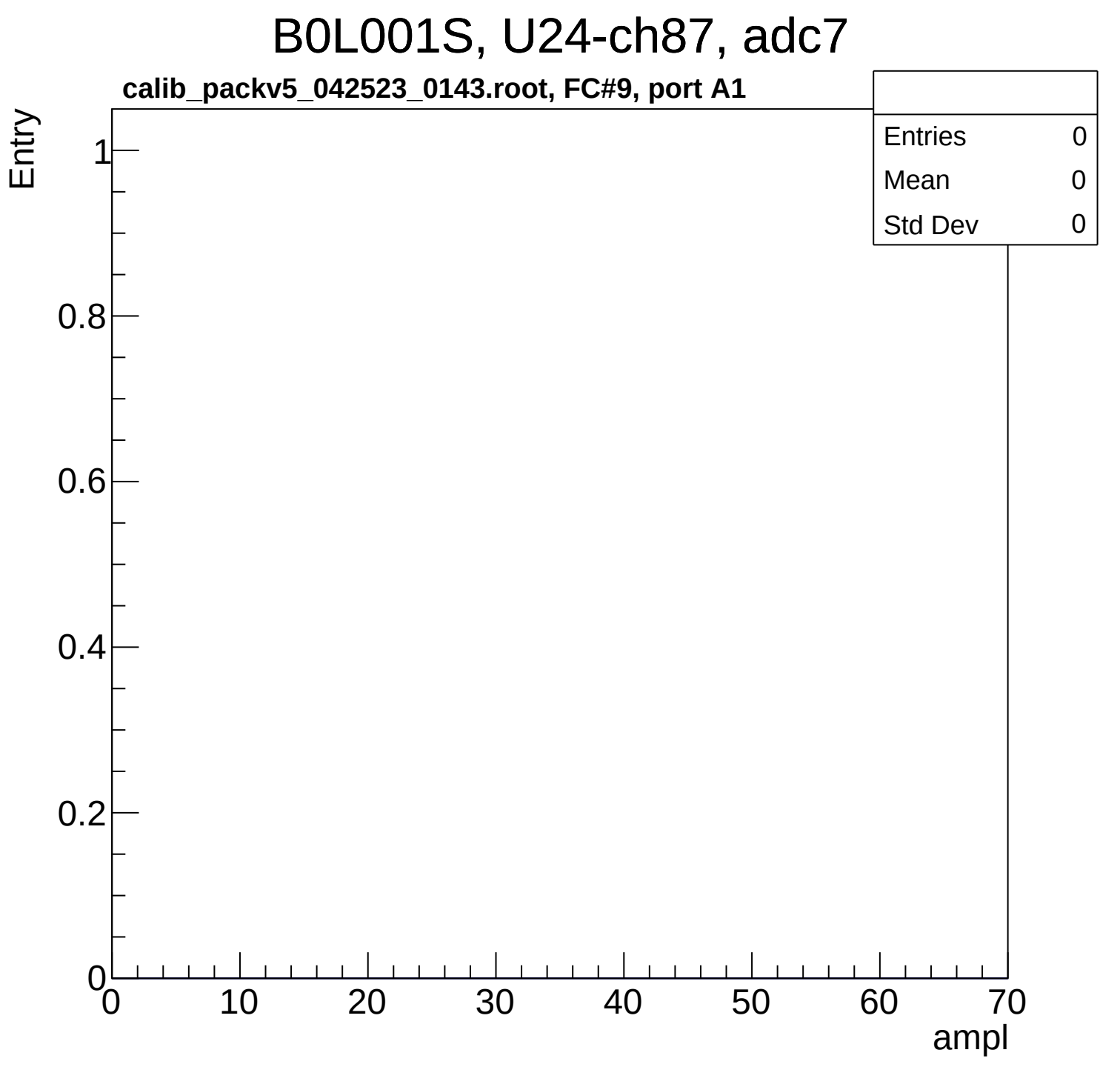
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch87, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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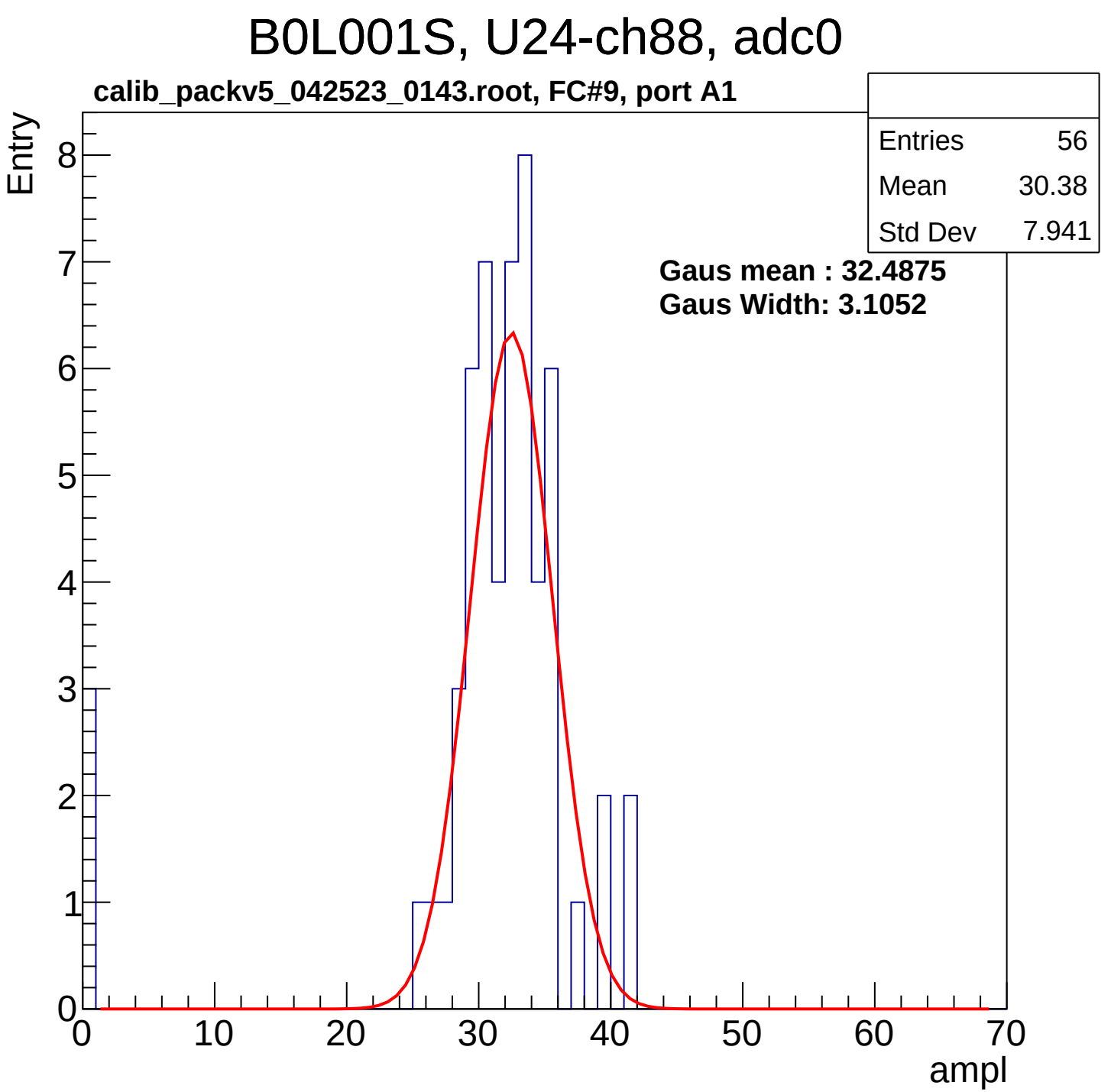
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch88, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 30.38
Std Dev 7.941
Gaus mean : 32.4875
Gaus Width: 3.1052
Entry
ampl
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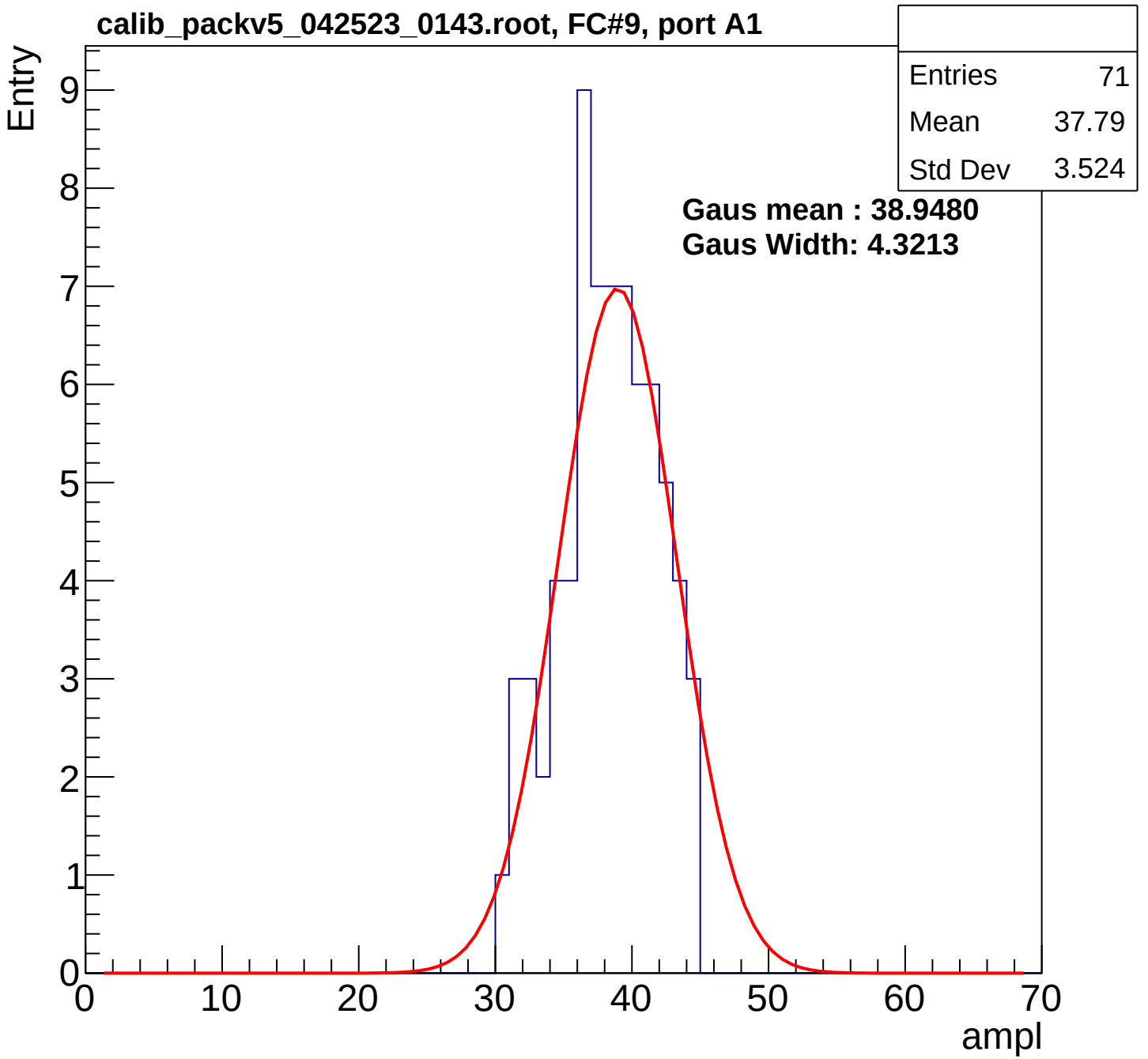
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch88, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 37.79
Std Dev 3.524
Gaus mean : 38.9480
Gaus Width: 4.3213
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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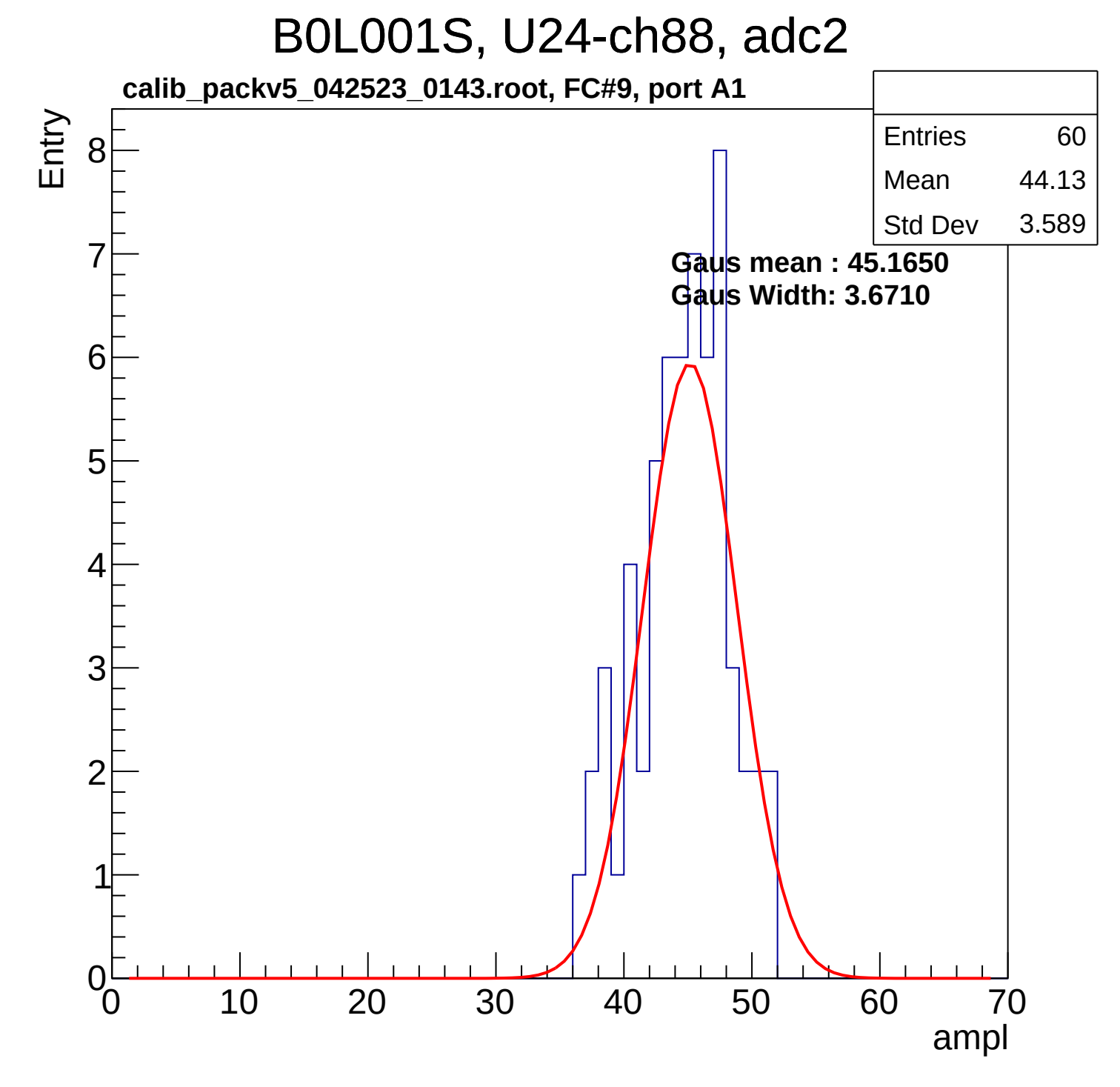
B0L001S, U24-ch88, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 44.13
Std Dev 3.589
Gaus mean : 45.1650
Gaus Width: 3.6710
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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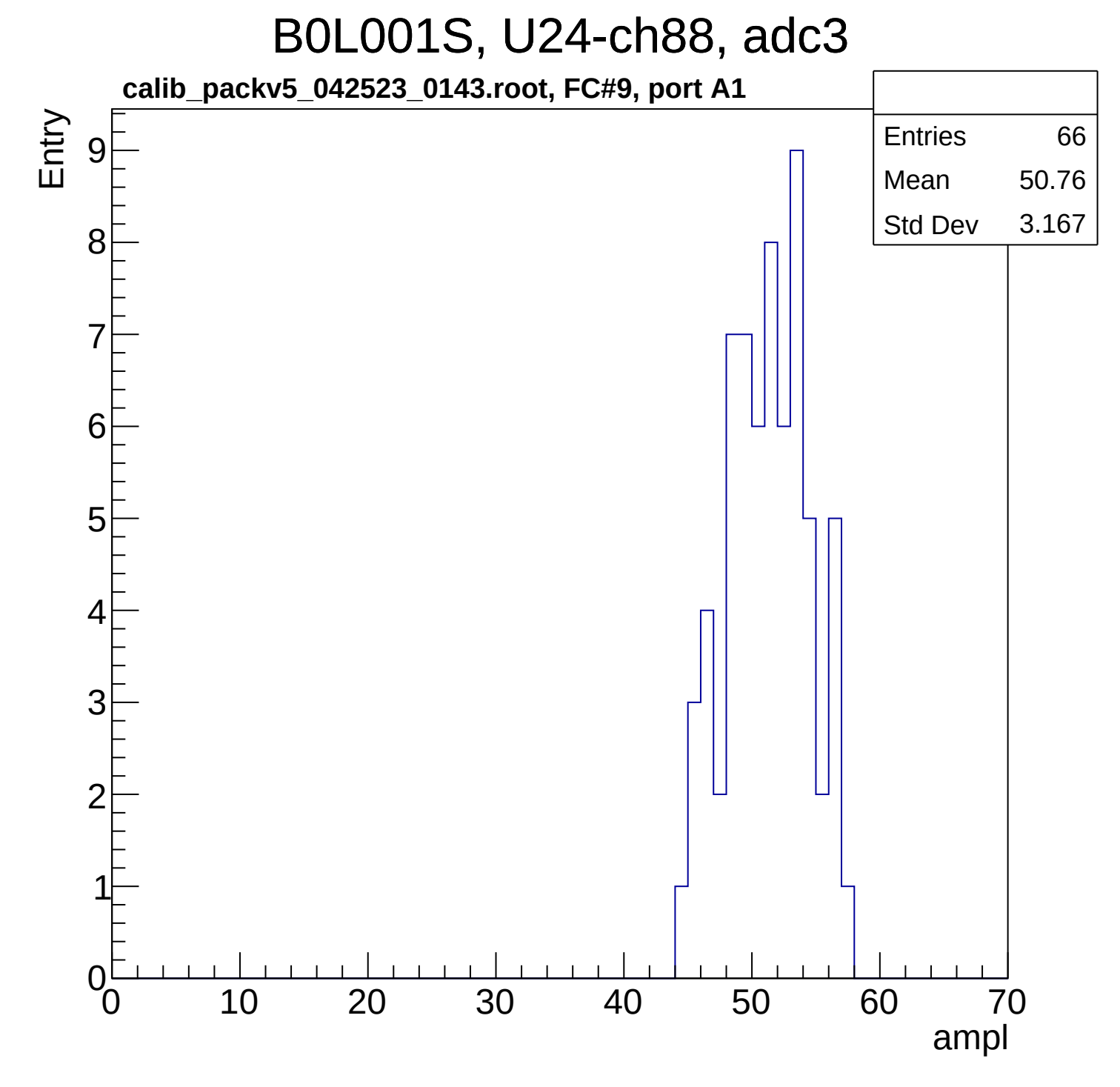
B0L001S, U24-ch88, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 50.76
Std Dev 3.167
Entry
ampl
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3
4
5
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7
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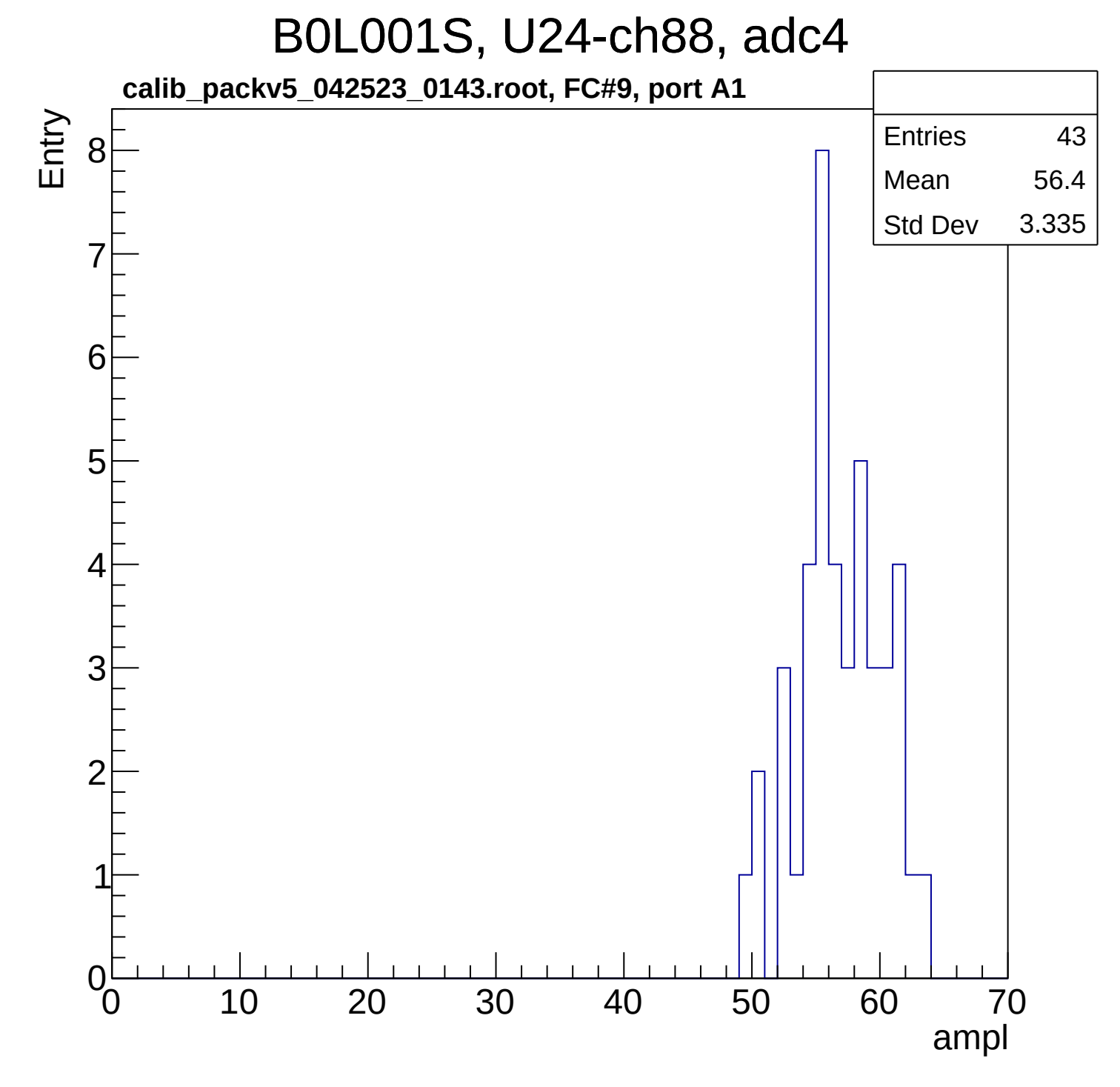
B0L001S, U24-ch88, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 56.4
Std Dev 3.335
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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60
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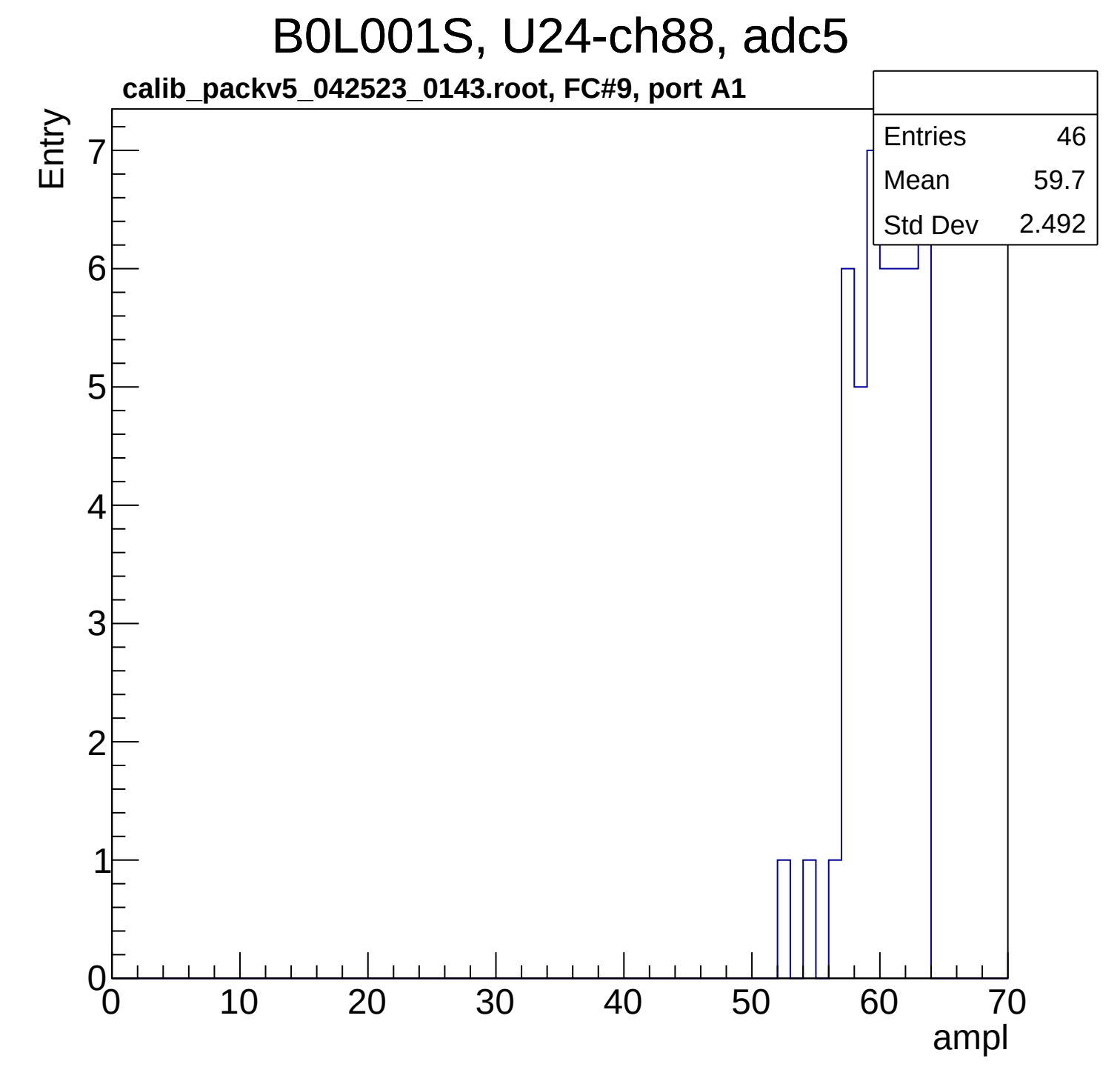
B0L001S, U24-ch88, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 59.7
Std Dev 2.492
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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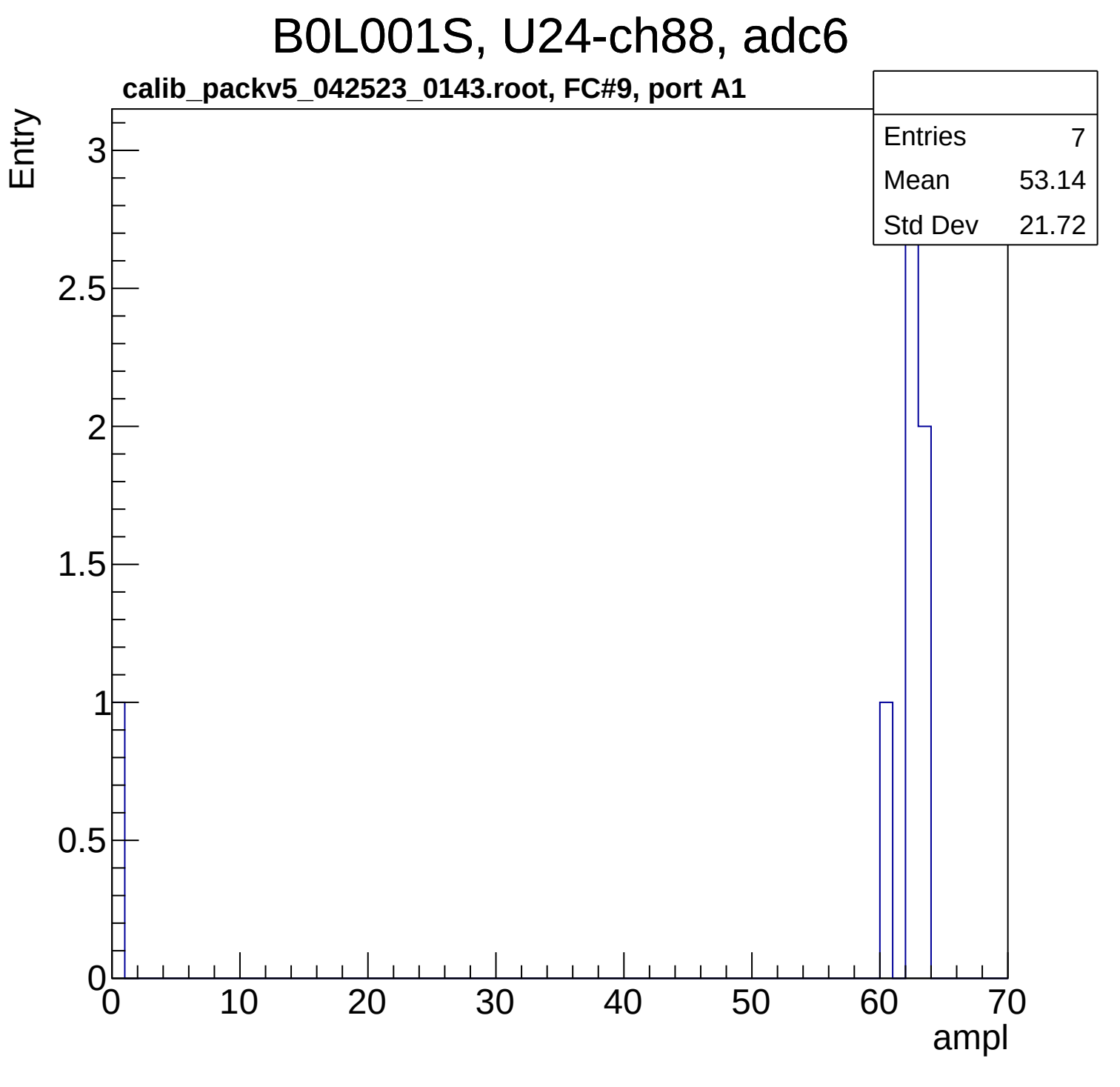
B0L001S, U24-ch88, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 7
Mean 53.14
Std Dev 21.72
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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40
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60
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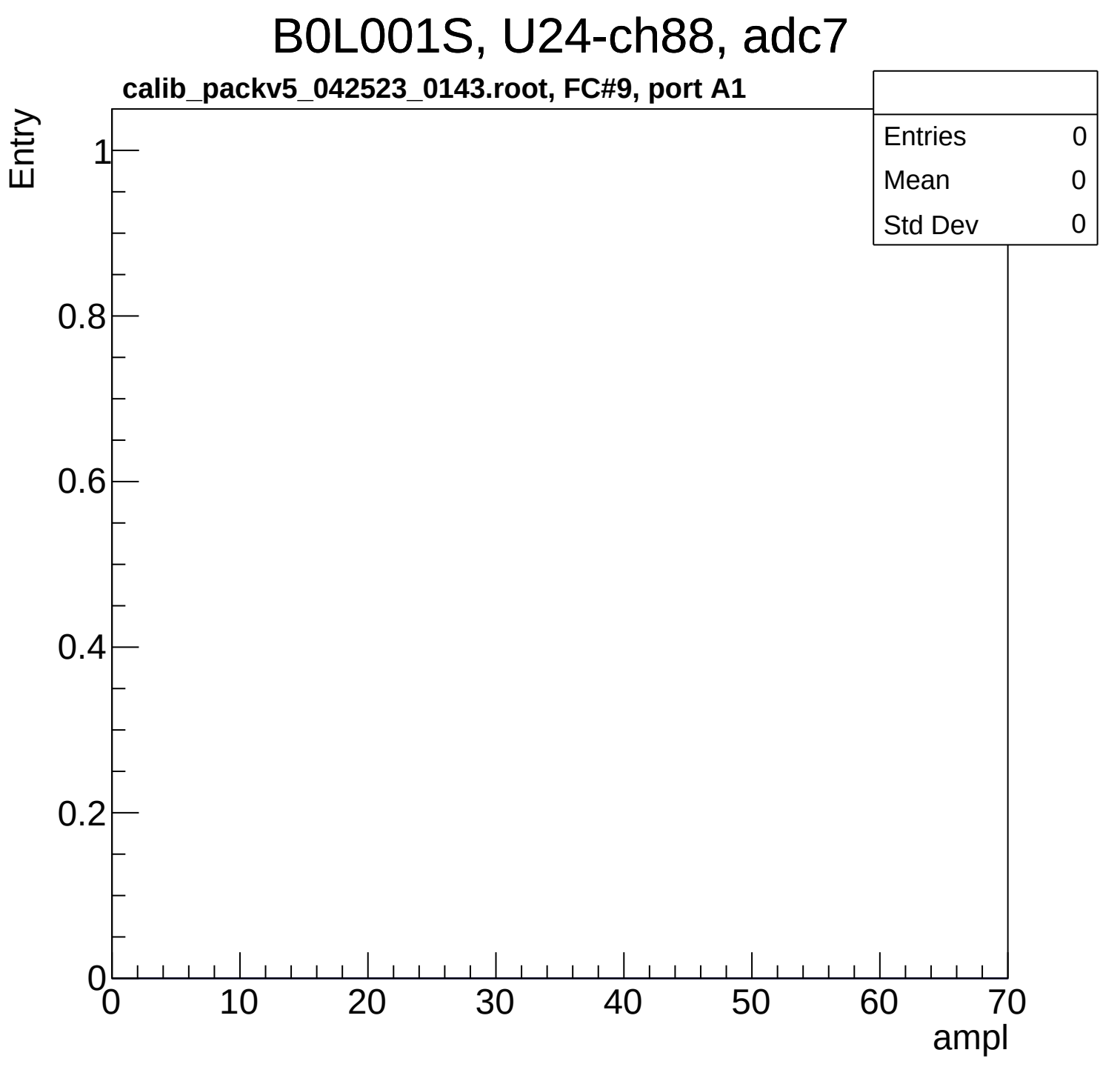
B0L001S, U24-ch88, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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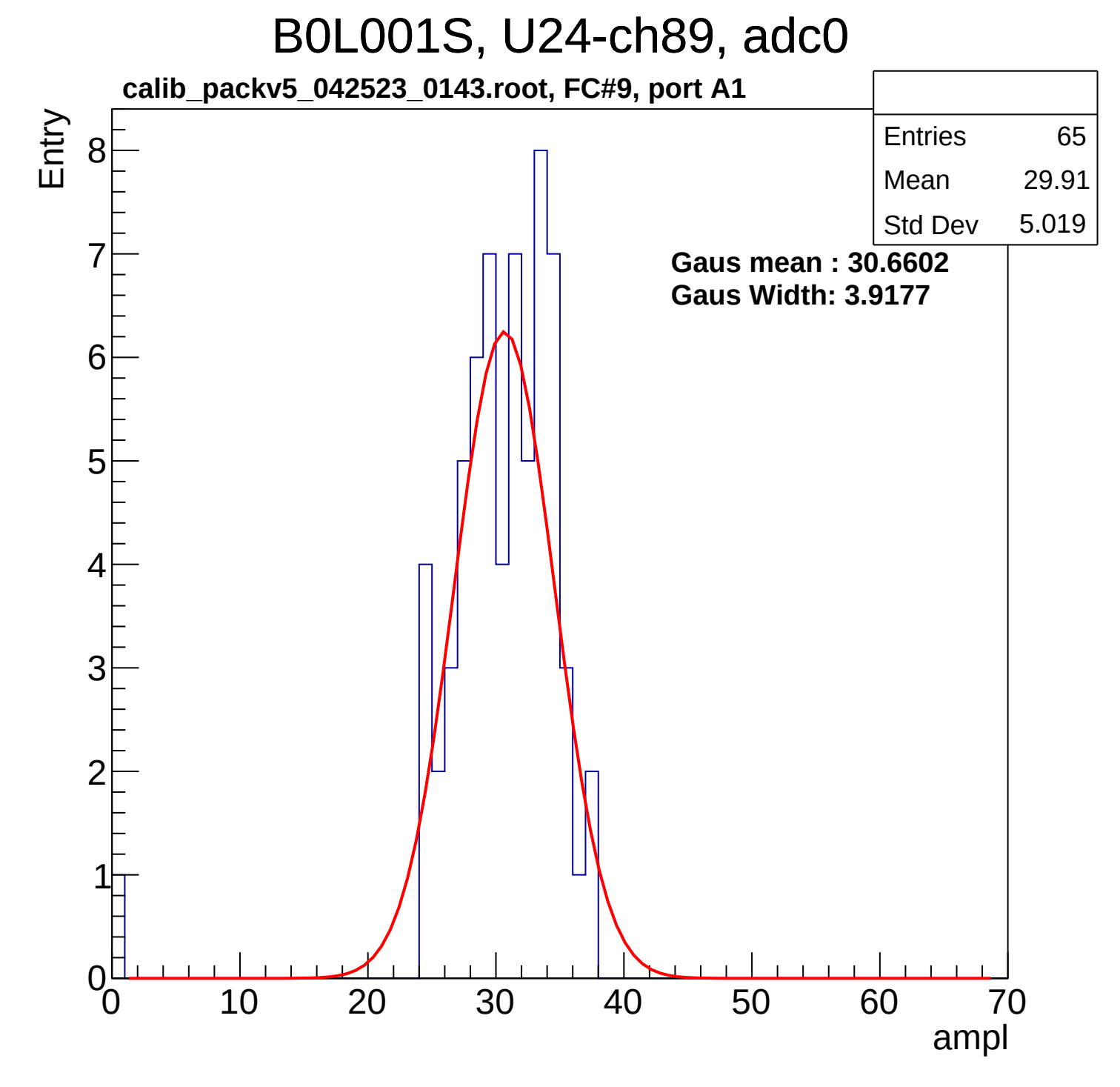
50
60
70
ampl


B0L001S, U24-ch89, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 29.91
Std Dev 5.019
Gaus mean : 30.6602
Gaus Width: 3.9177
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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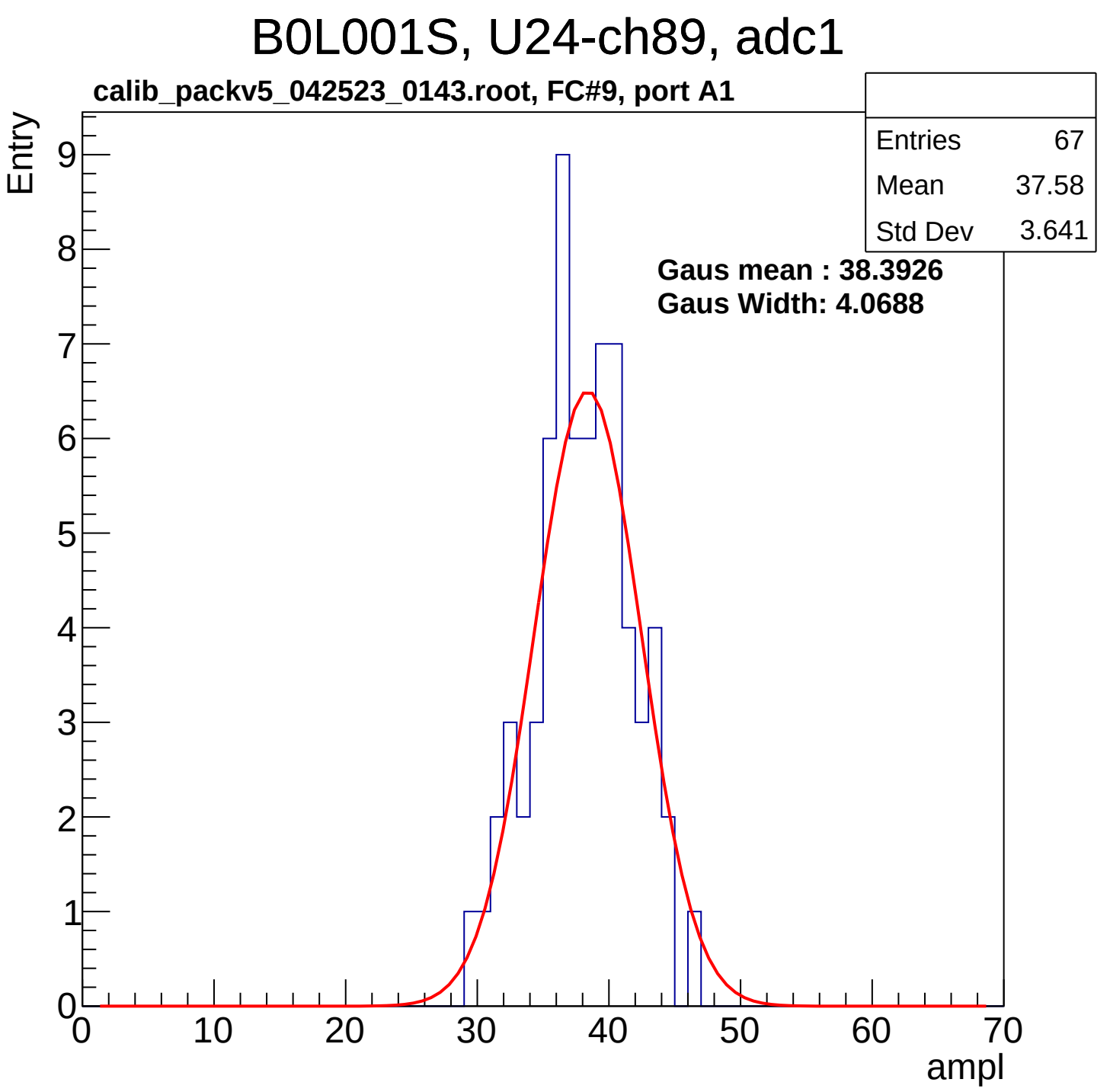
B0L001S, U24-ch89, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 37.58
Std Dev 3.641
Gaus mean : 38.3926
Gaus Width: 4.0688
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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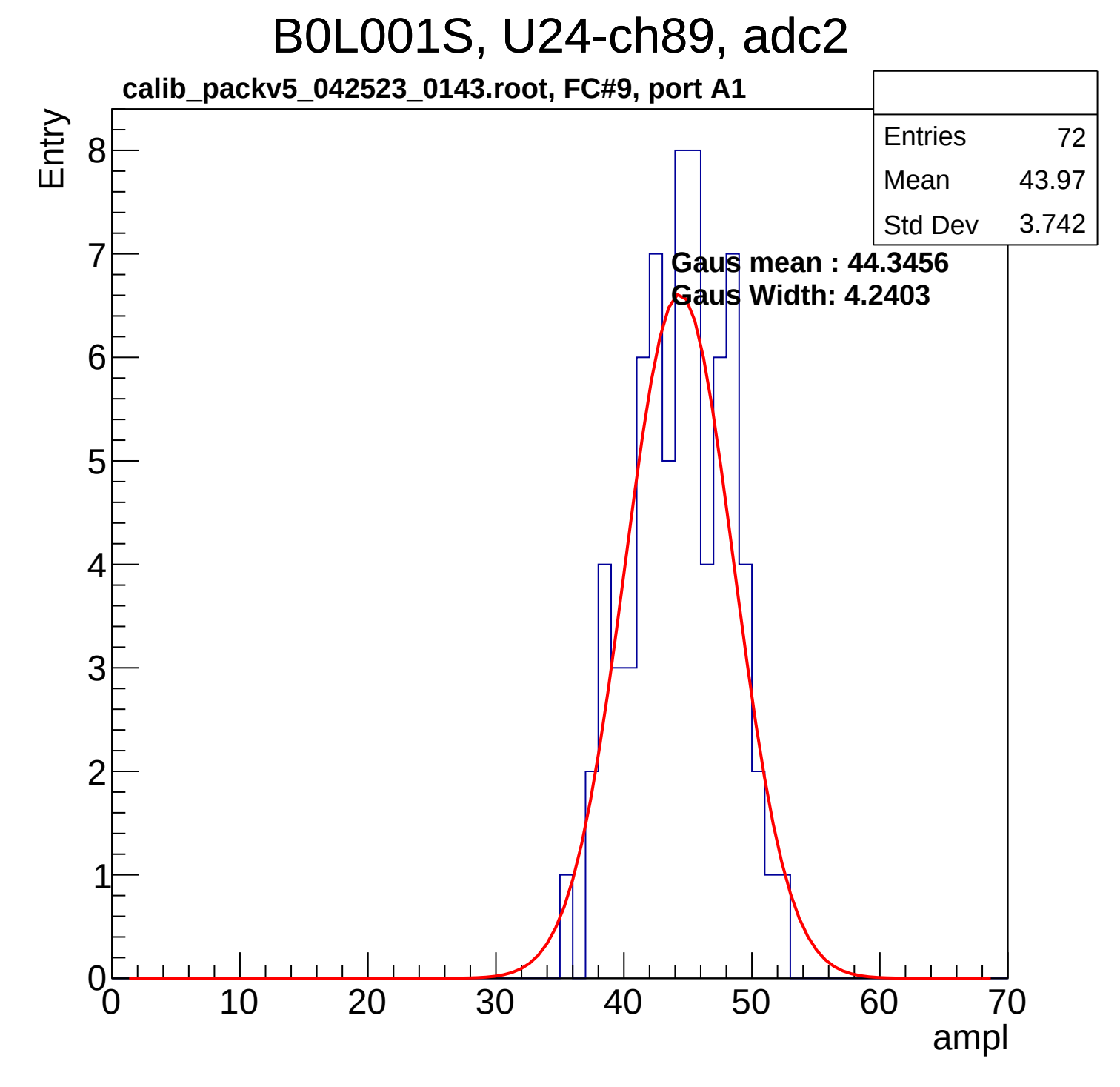
B0L001S, U24-ch89, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 43.97
Std Dev 3.742
Gaus mean : 44.3456
Gaus Width: 4.2403
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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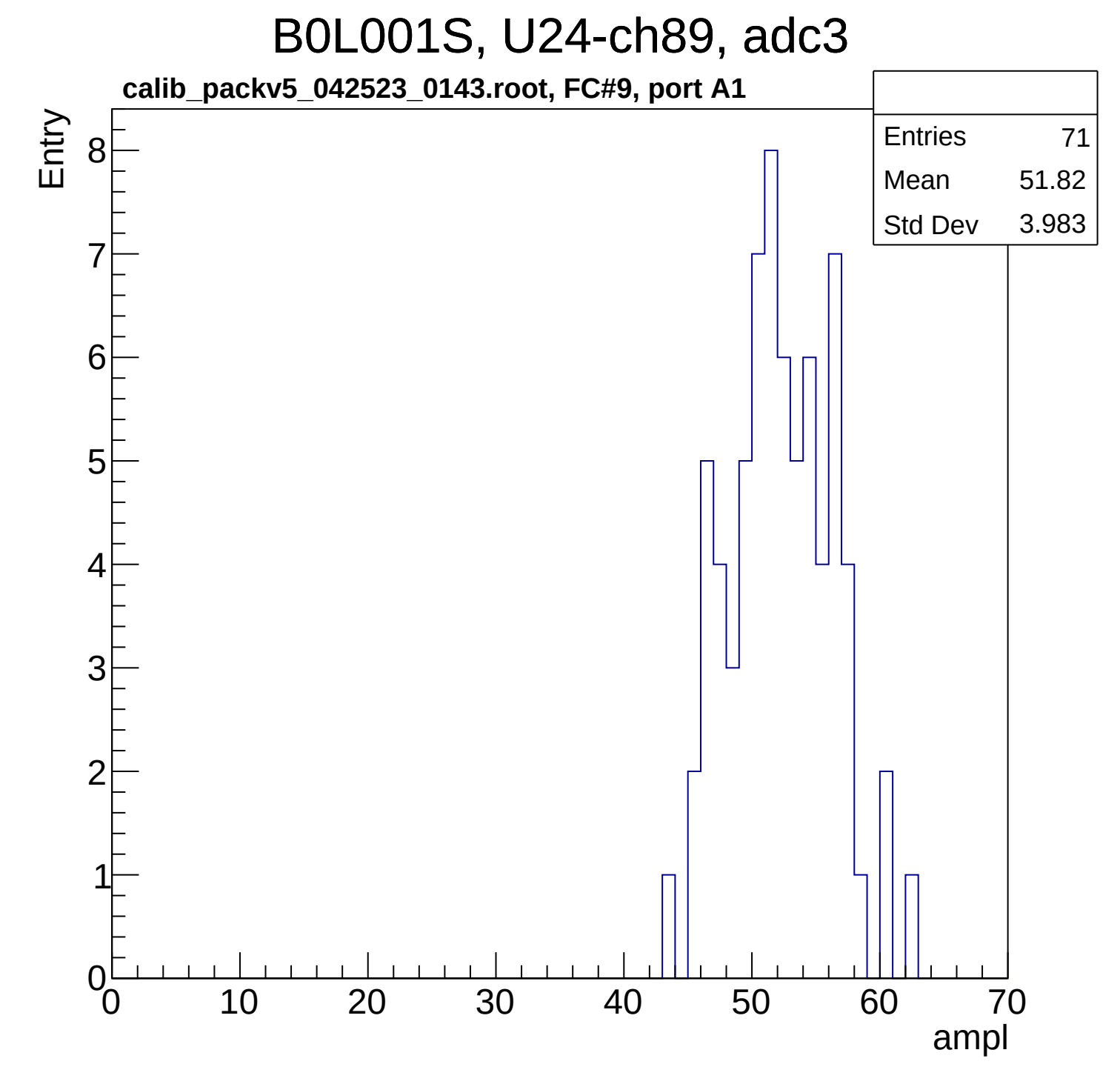
B0L001S, U24-ch89, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 51.82
Std Dev 3.983
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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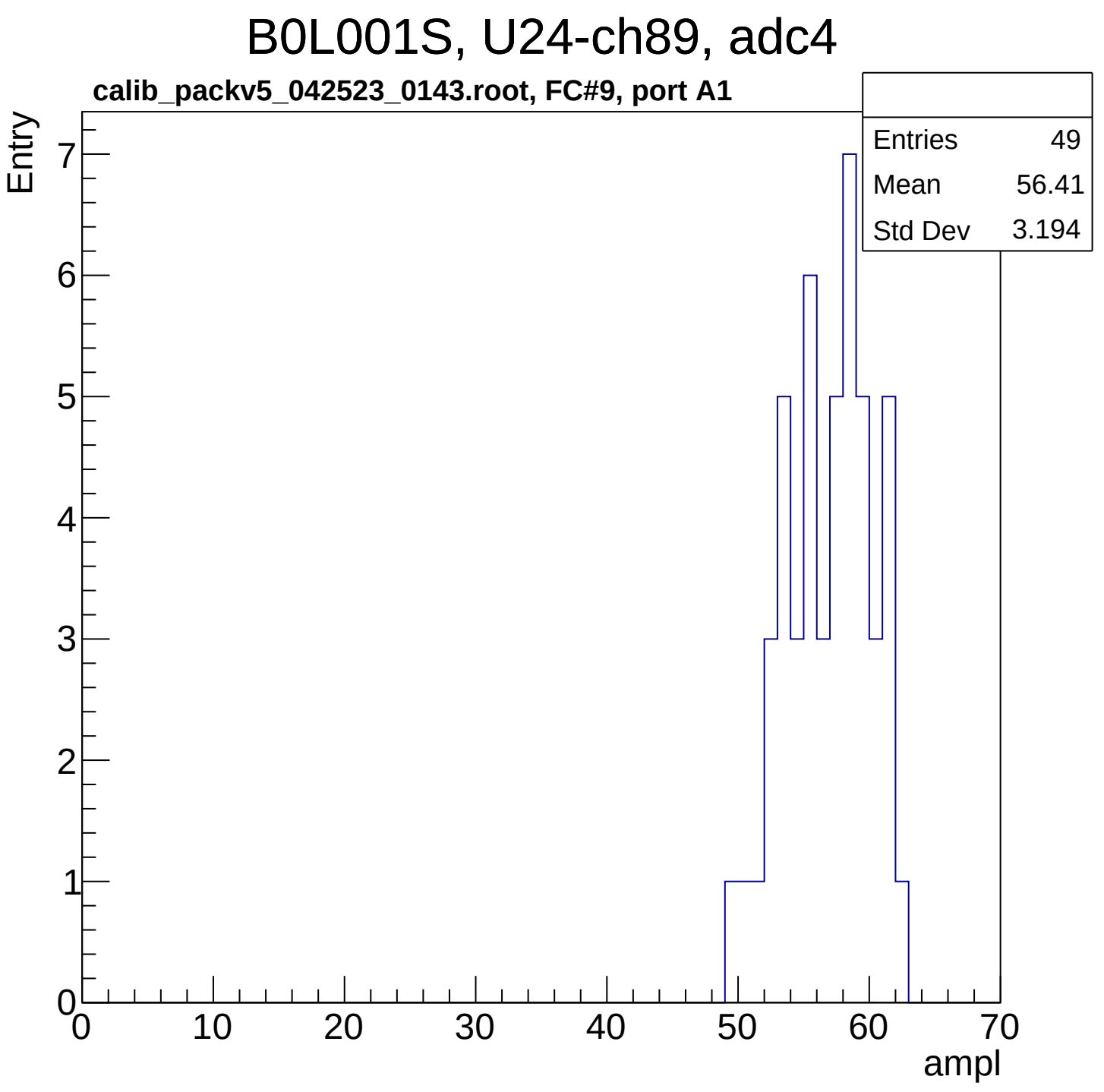
B0L001S, U24-ch89, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 49
Mean 56.41
Std Dev 3.194
Entry
ampl
0
1
2
3
4
5
6
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0
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40
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60
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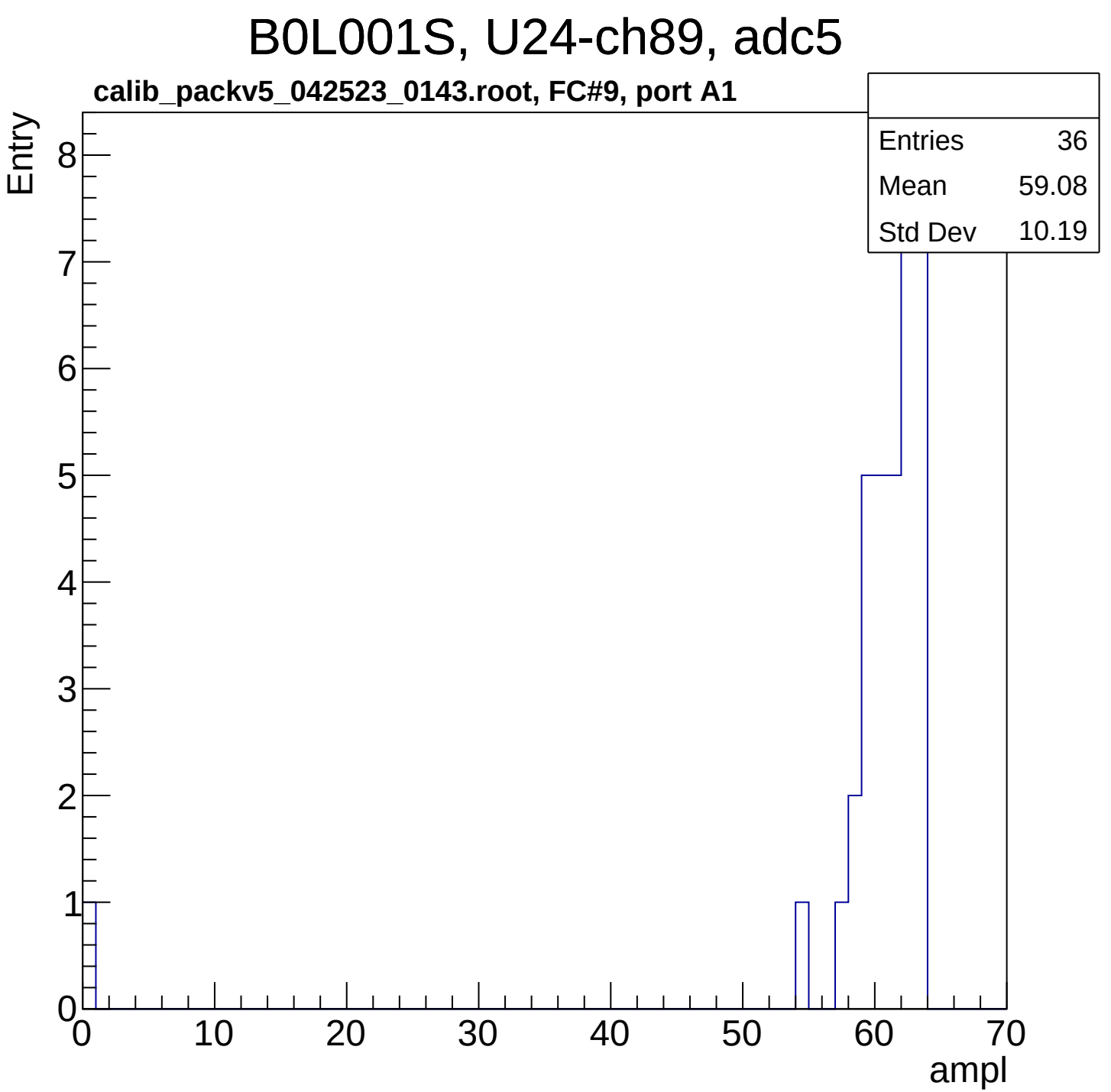
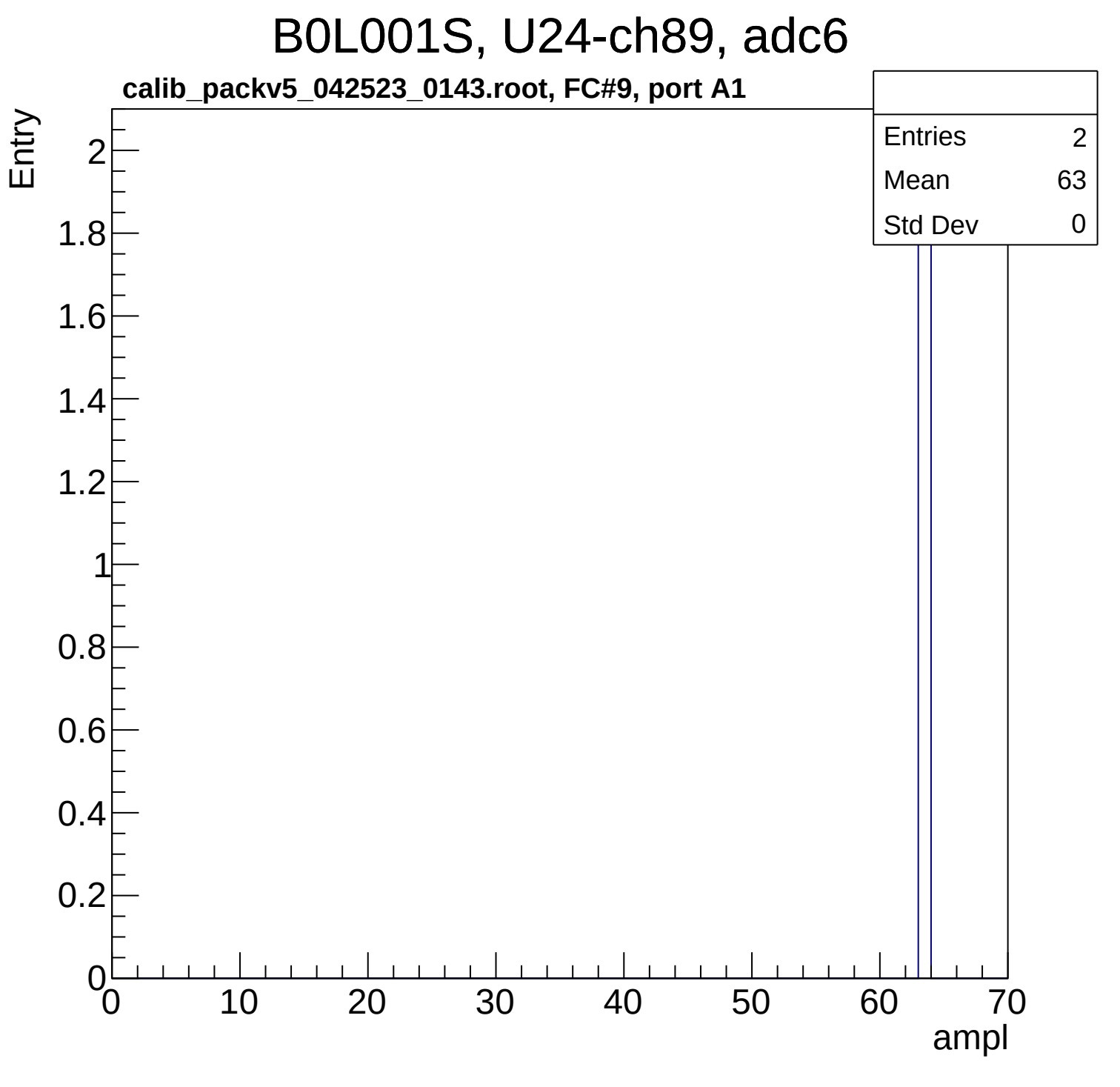
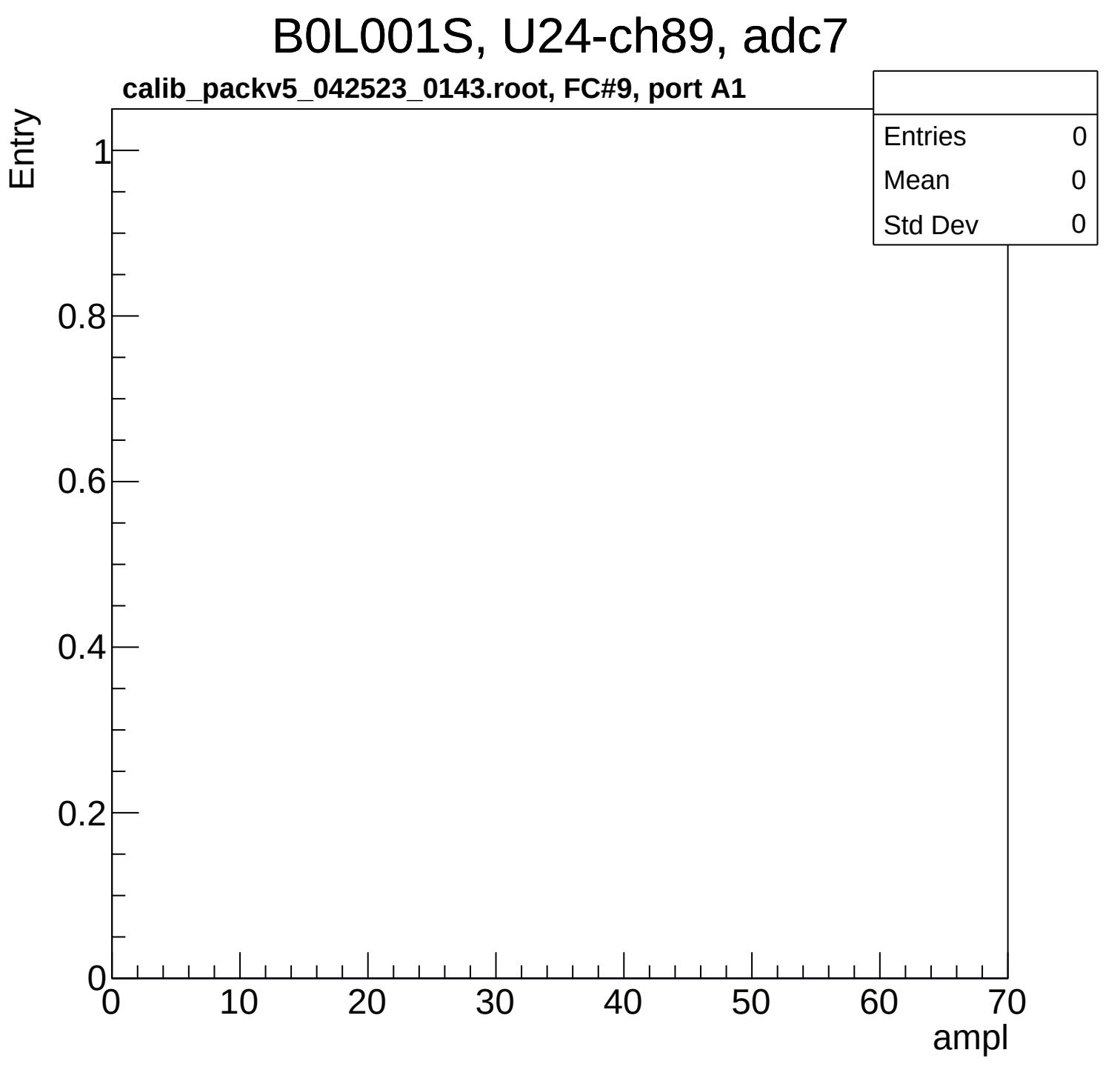
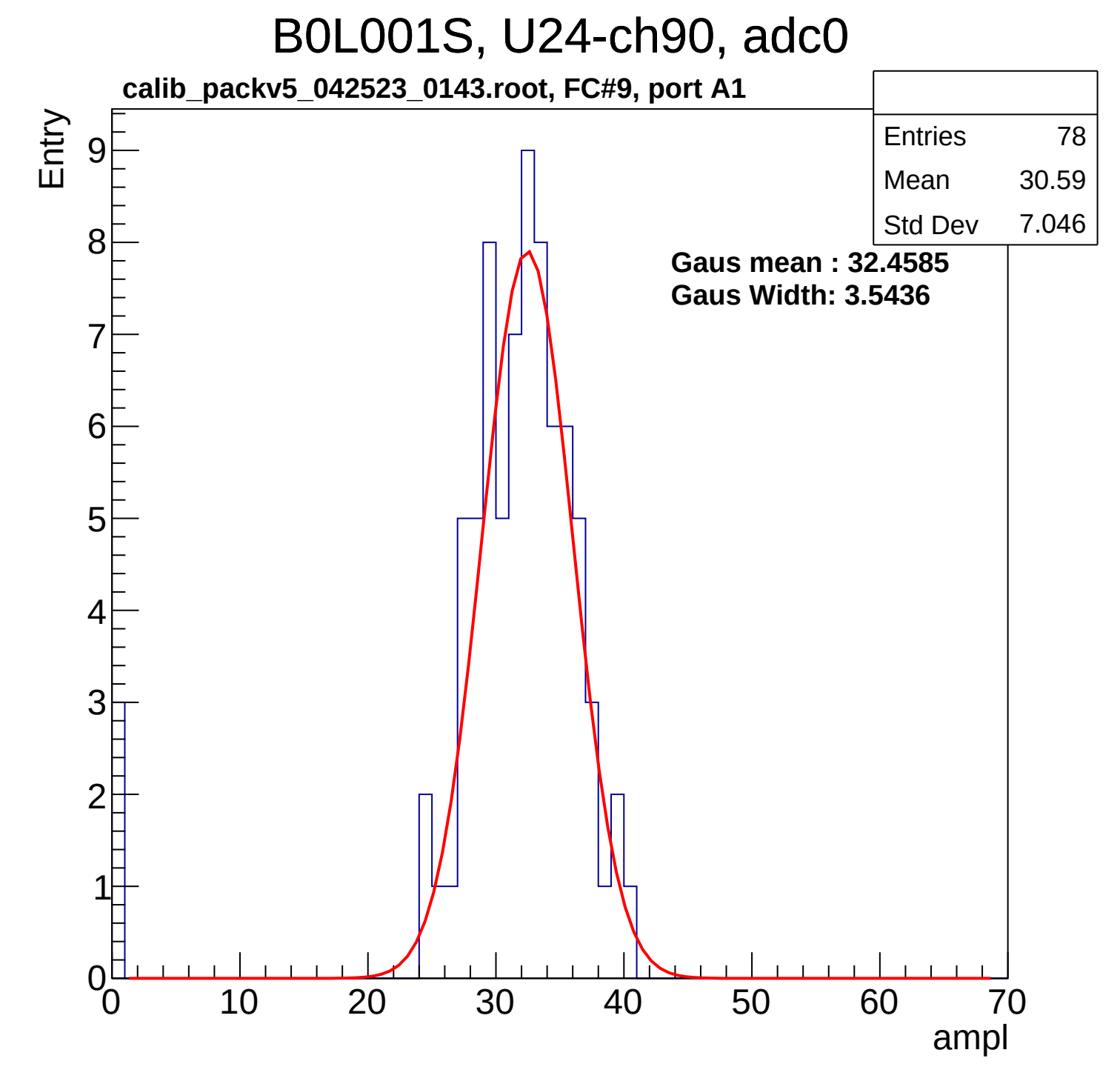

B0L001S, U24-ch89, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 36
Mean 59.08
Std Dev 10.19
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch89, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch89, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch90, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 30.59
Std Dev 7.046
Gaus mean : 32.4585
Gaus Width: 3.5436
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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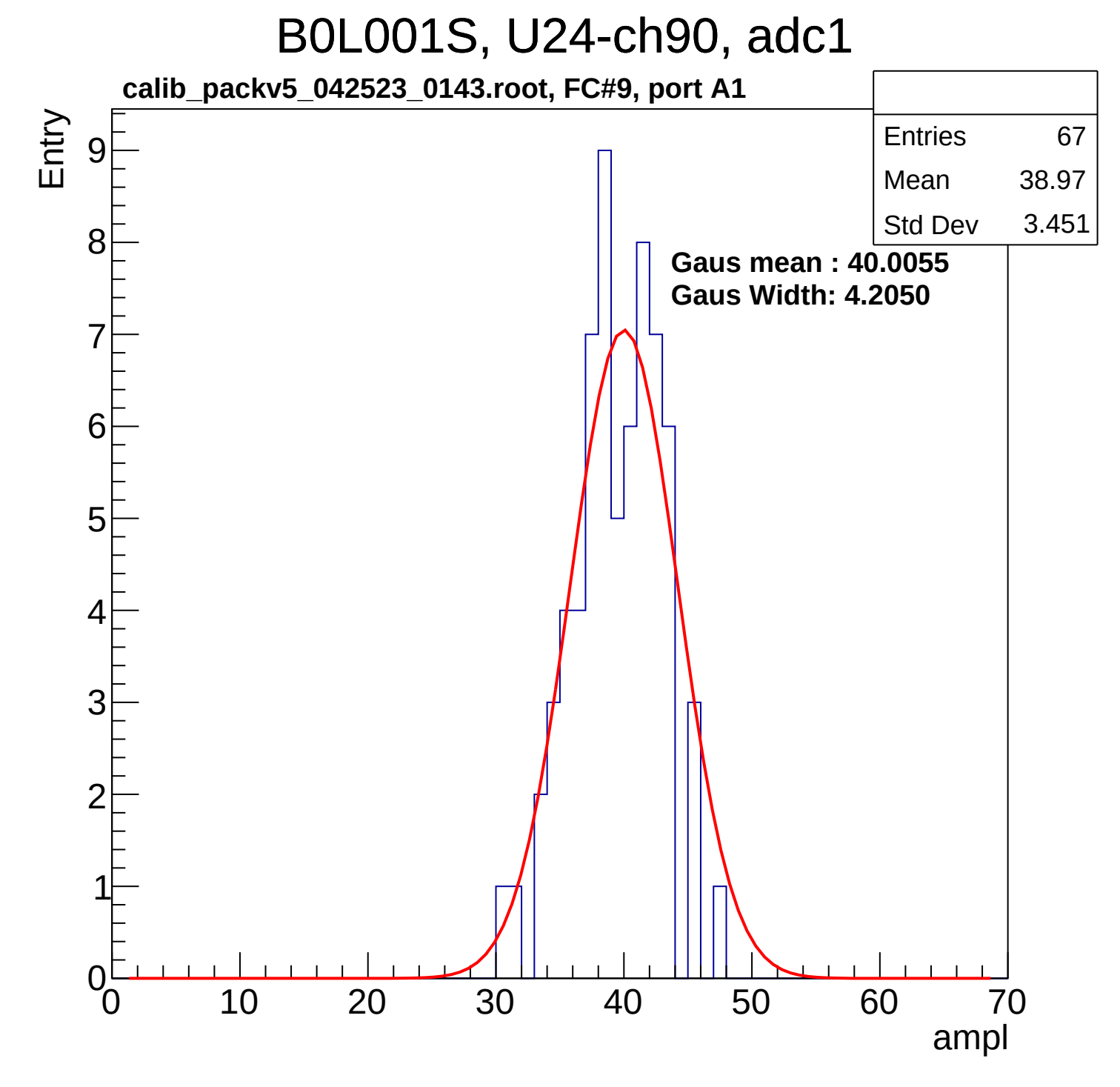
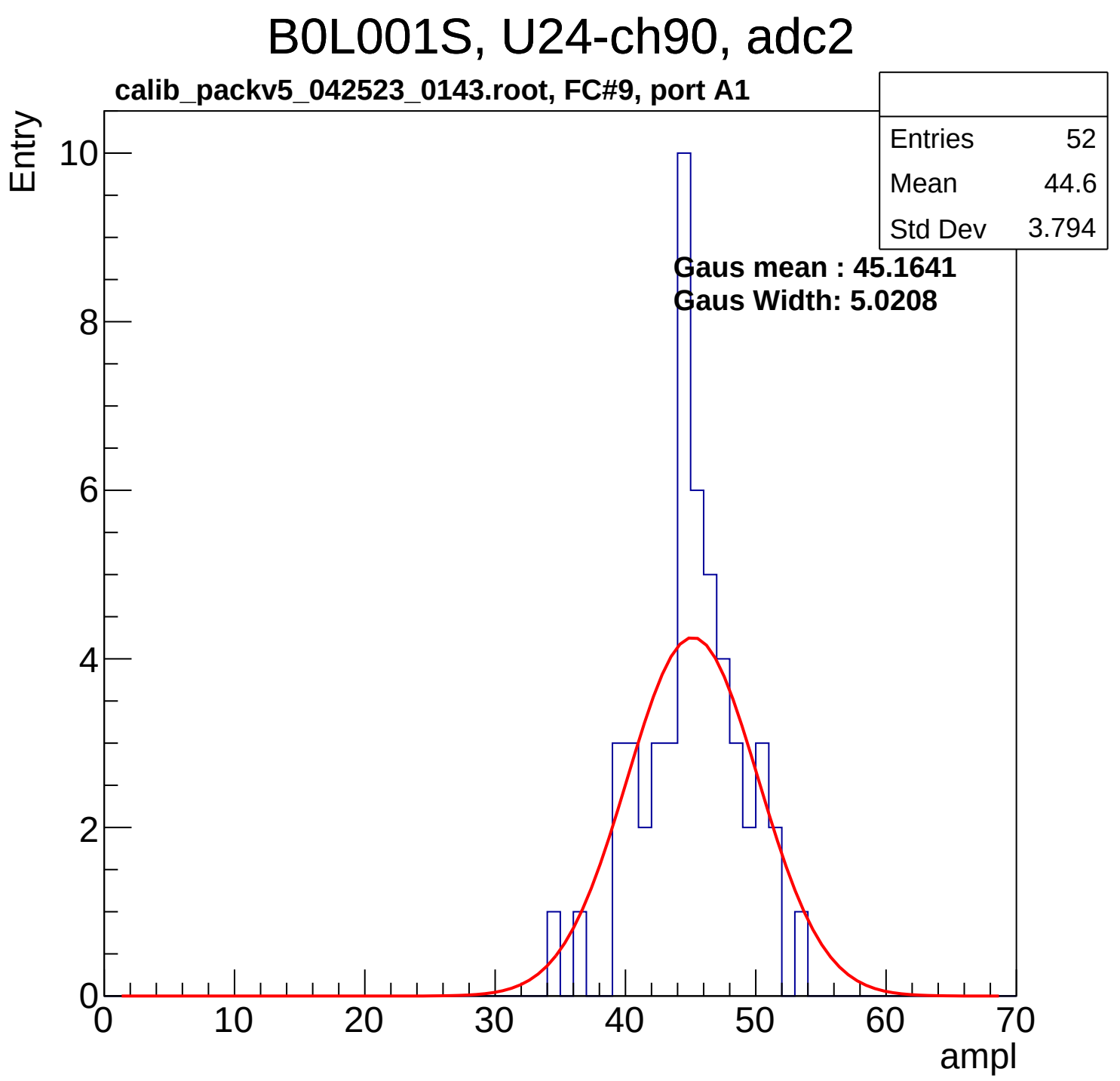

B0L001S, U24-ch90, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 38.97
Std Dev 3.451
Gaus mean : 40.0055
Gaus Width: 4.2050
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch90, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 44.6
Std Dev 3.794
Gaus mean : 45.1641
Gaus Width: 5.0208
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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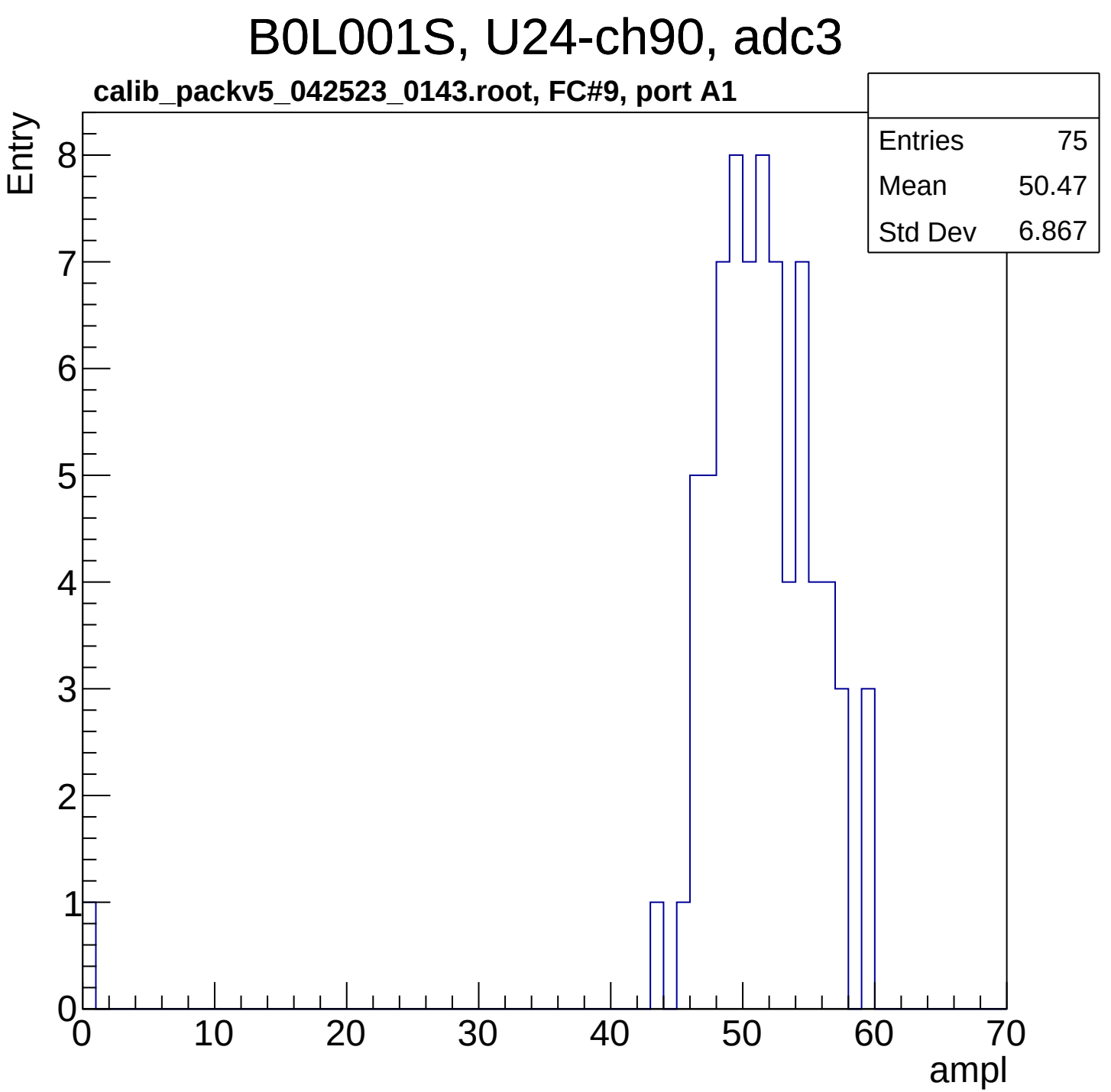
B0L001S, U24-ch90, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 50.47
Std Dev 6.867
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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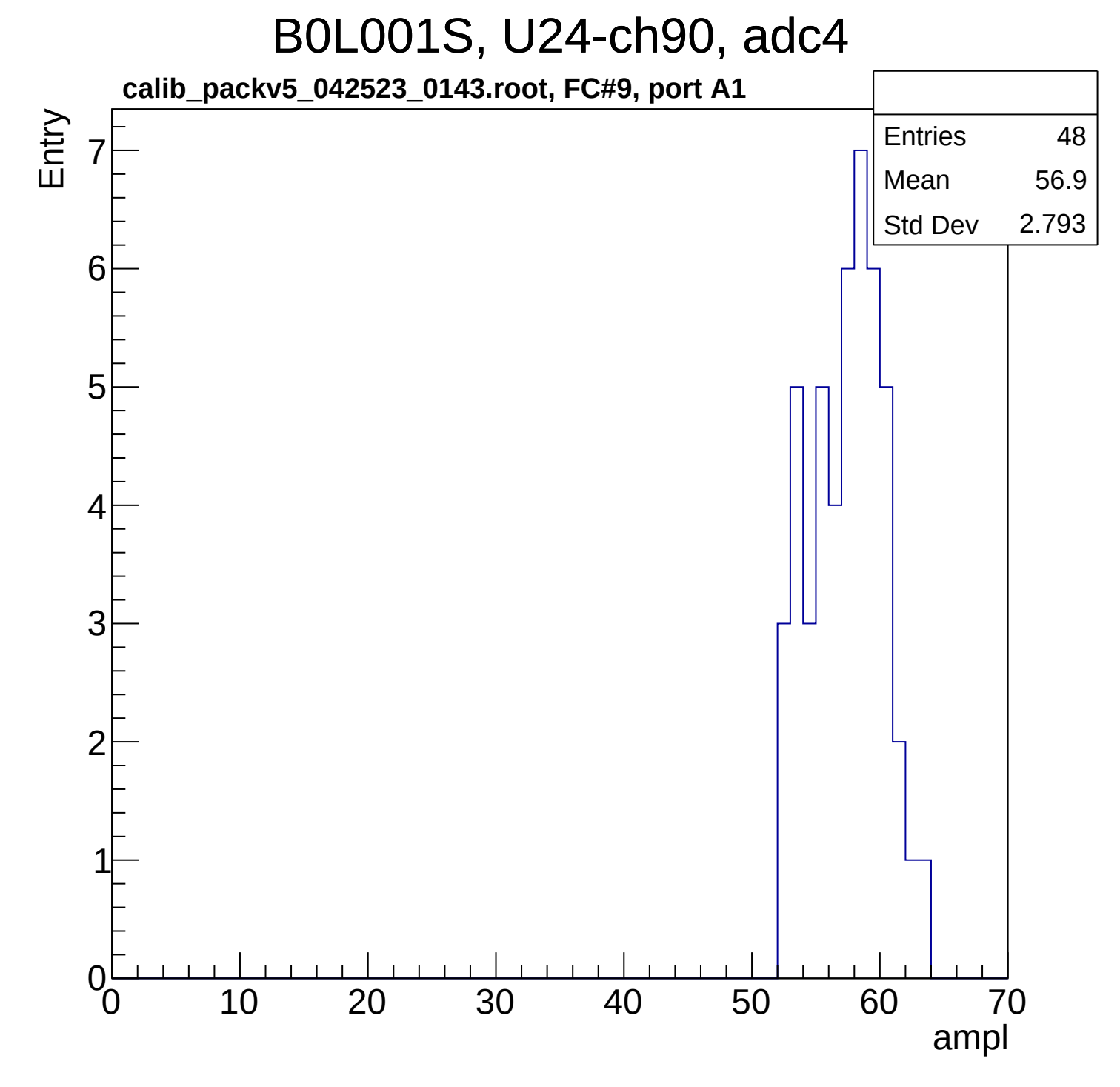
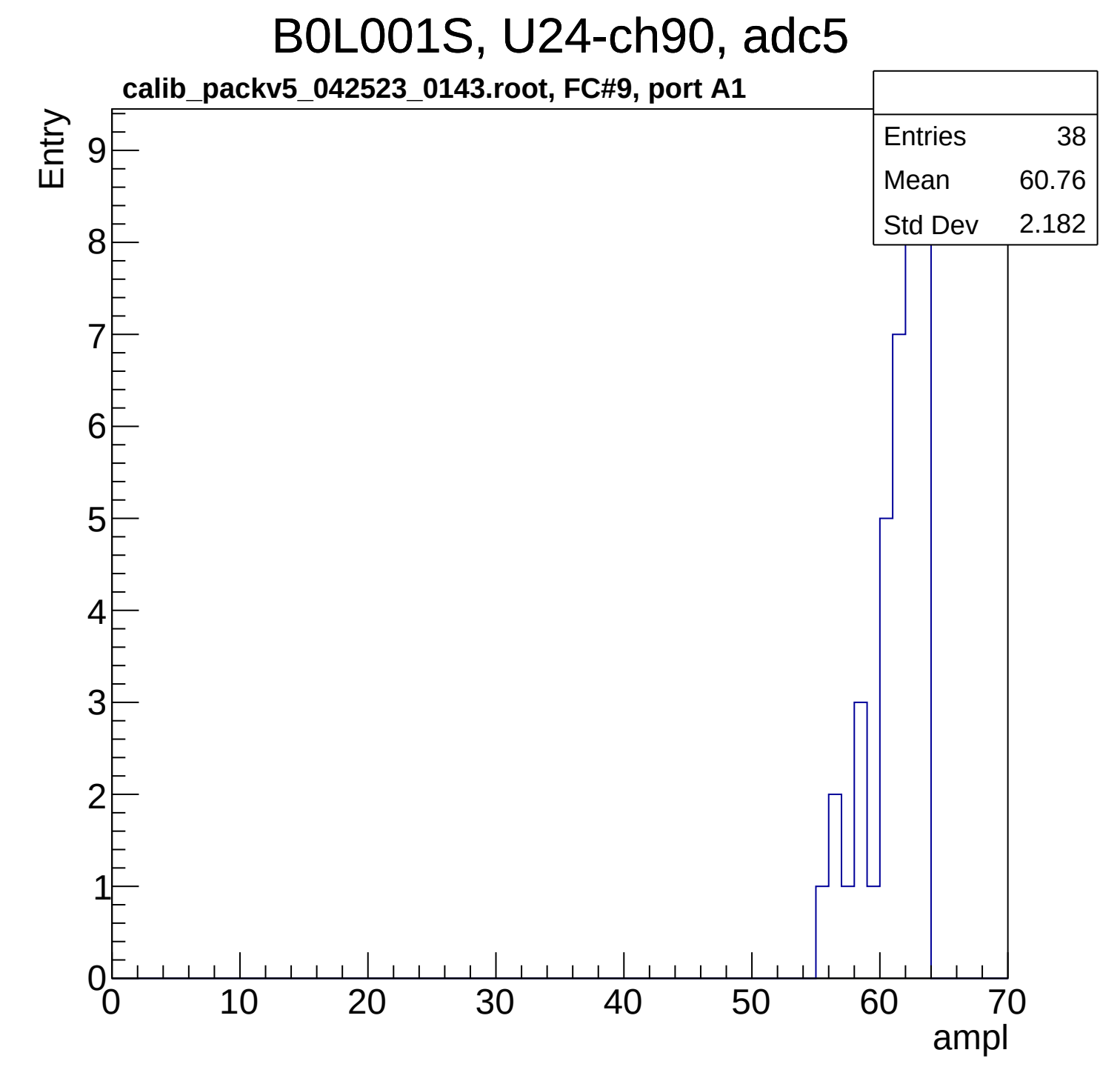

B0L001S, U24-ch90, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 56.9
Std Dev 2.793
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch90, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 60.76
Std Dev 2.182
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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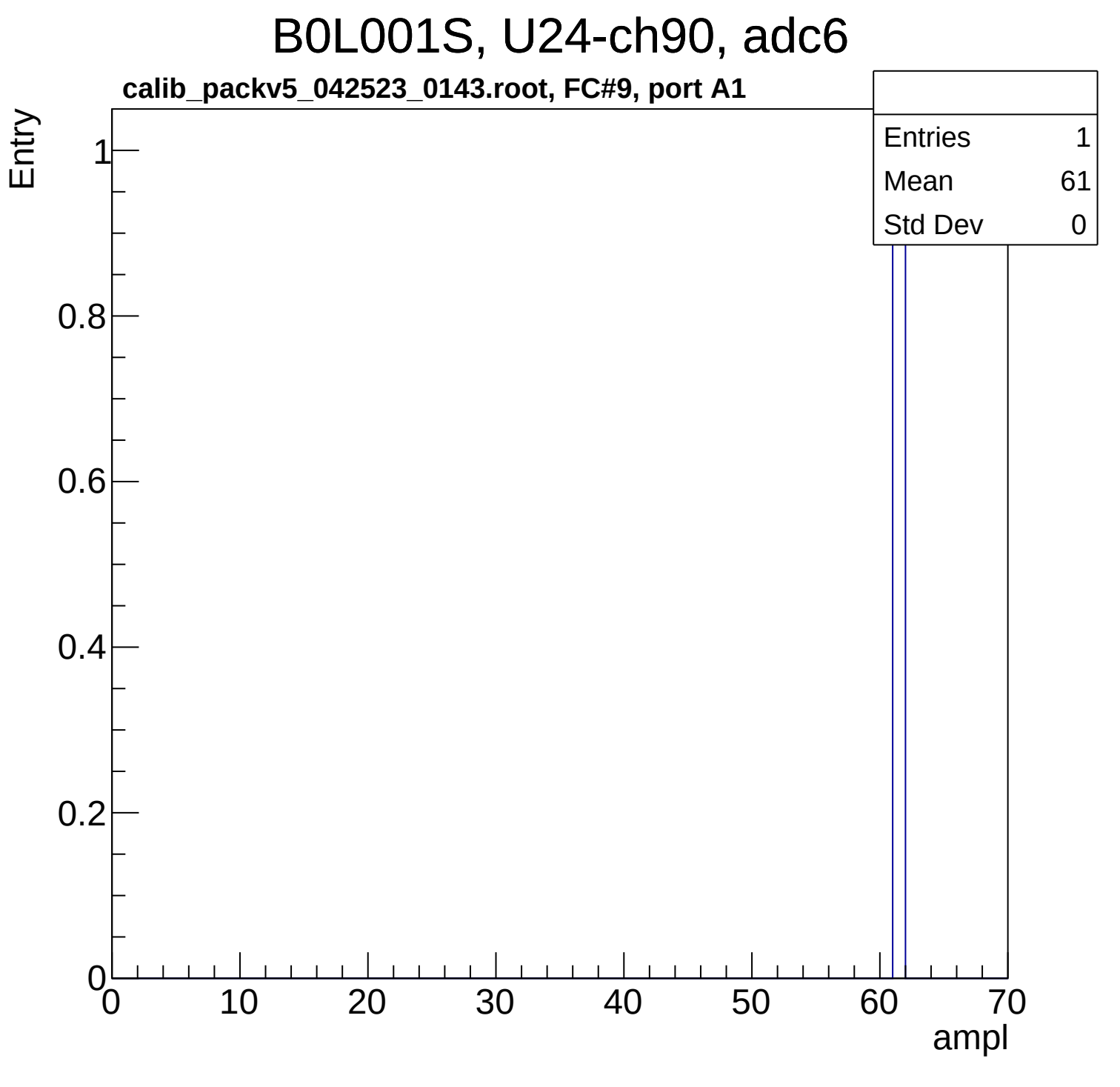
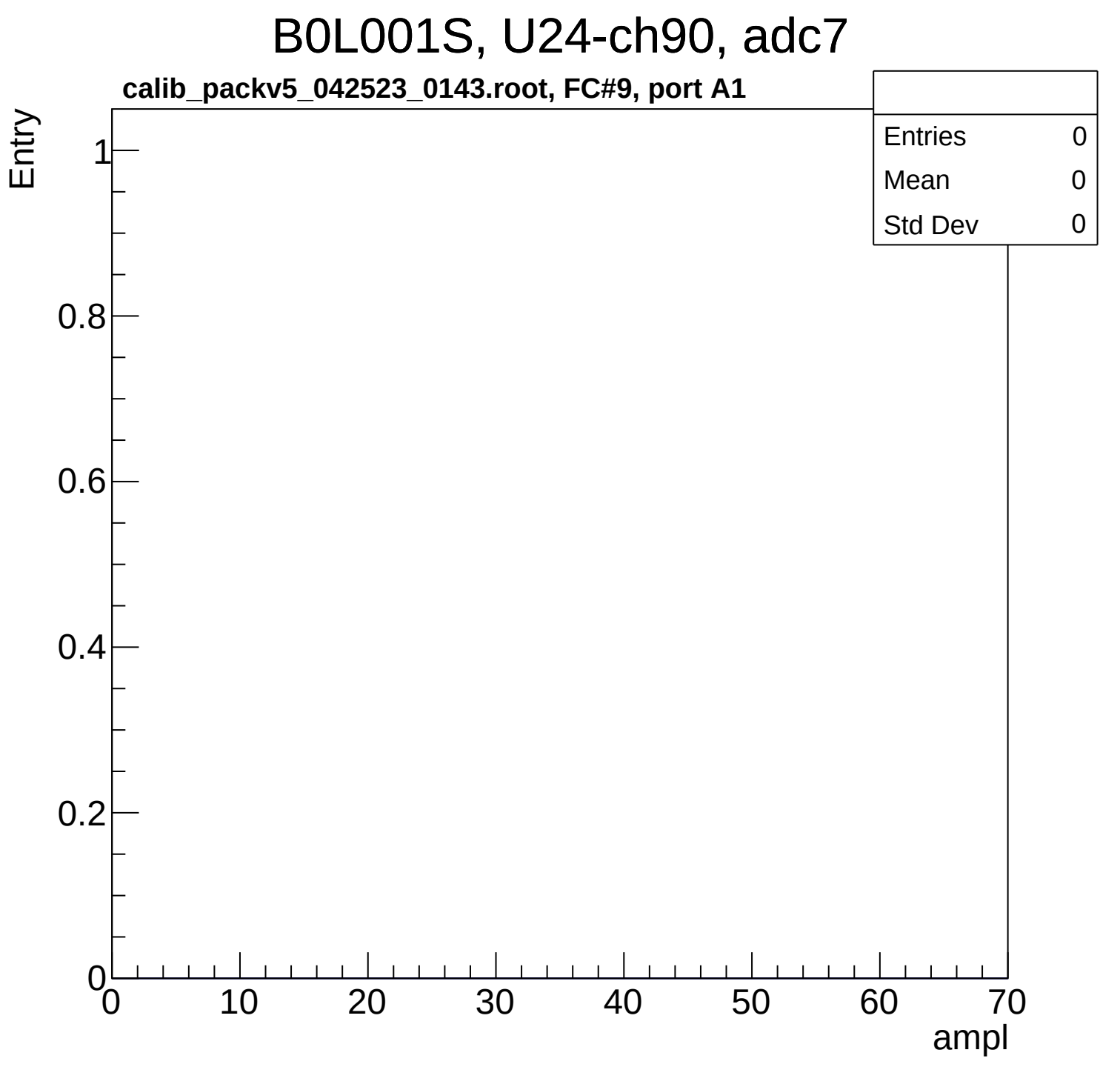

B0L001S, U24-ch90, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch90, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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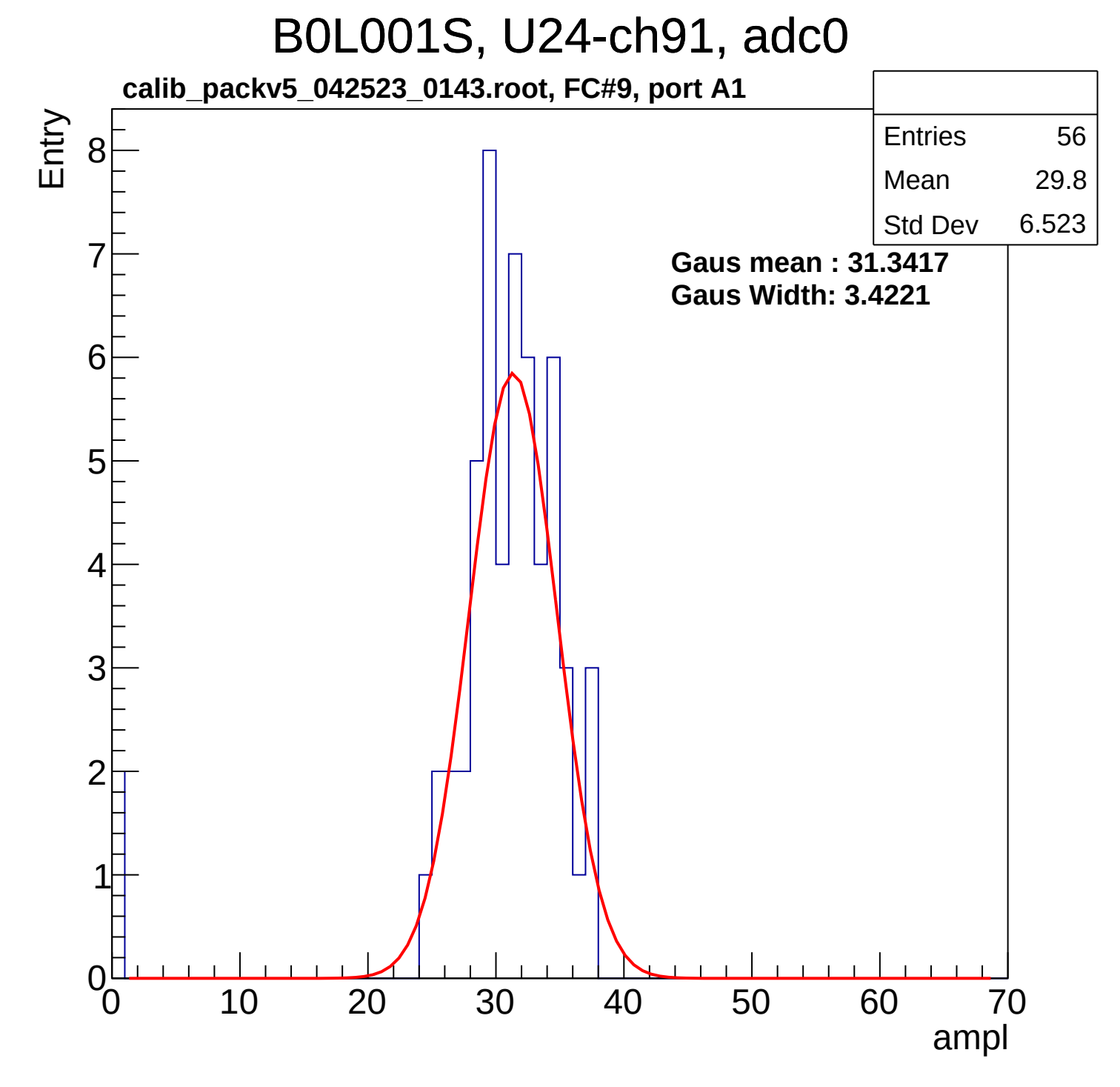
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch91, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 29.8
Std Dev 6.523
Gaus mean : 31.3417
Gaus Width: 3.4221
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
50
60
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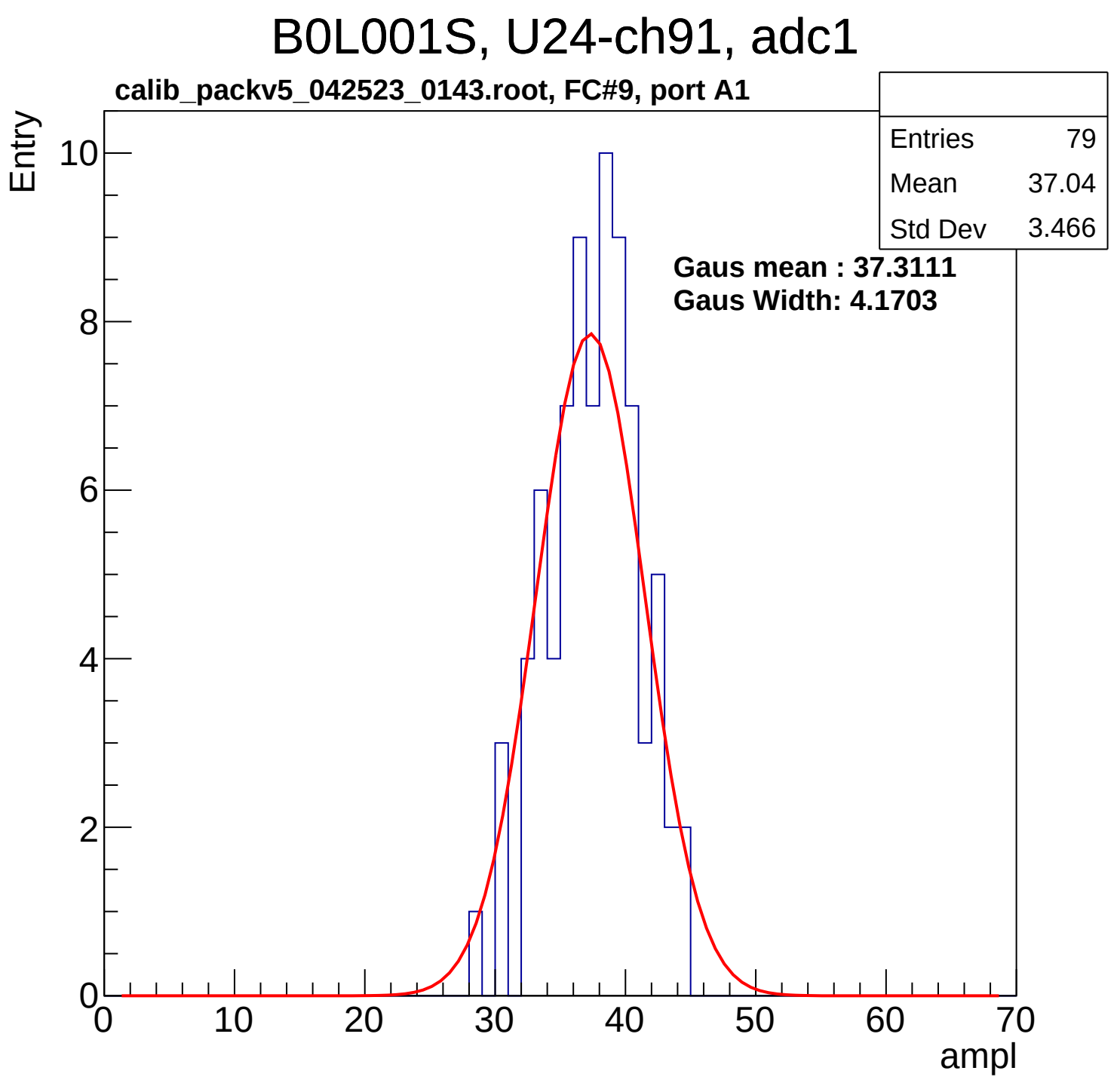
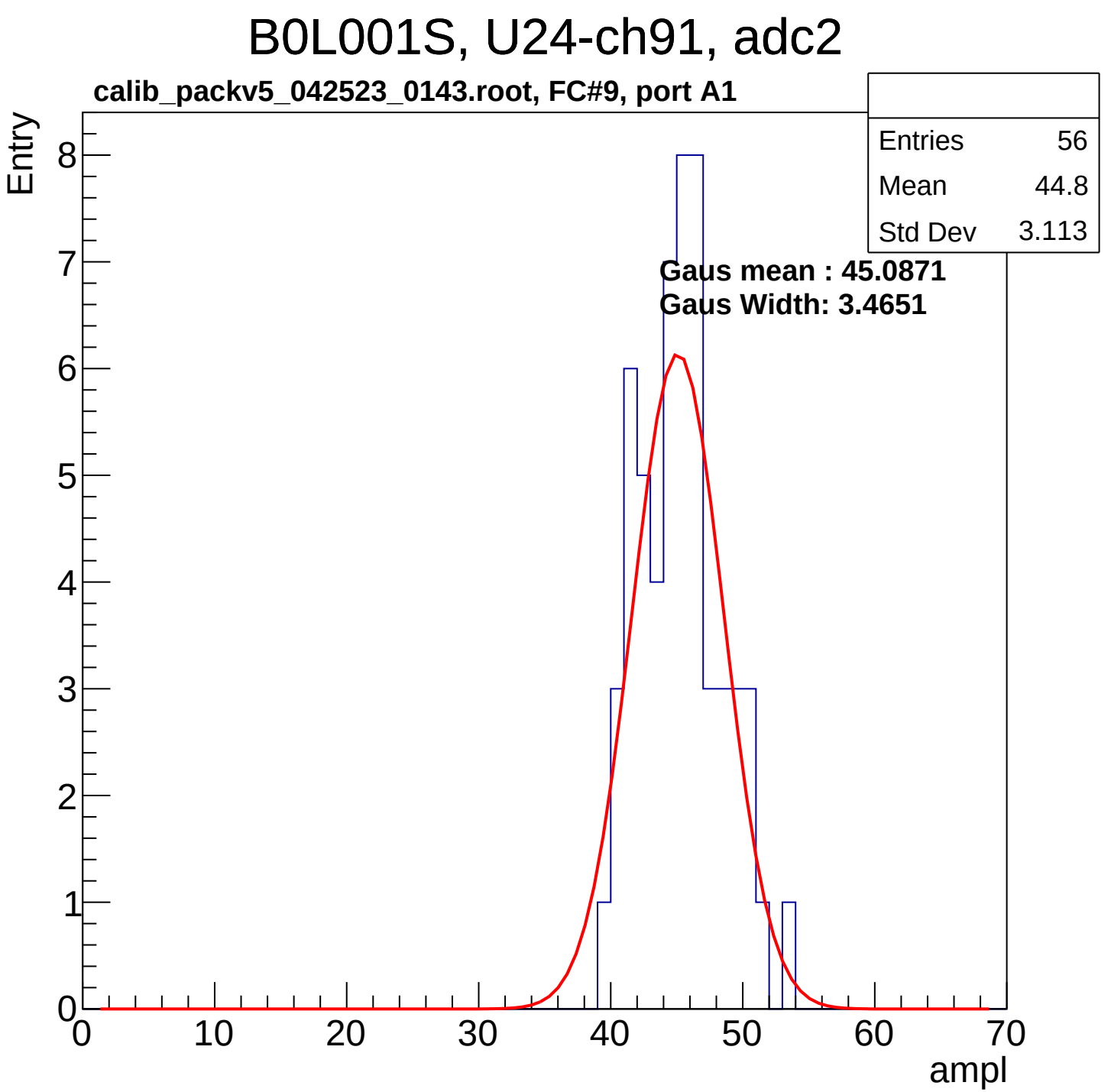

B0L001S, U24-ch91, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 37.04
Std Dev 3.466
Gaus mean : 37.3111
Gaus Width: 4.1703
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch91, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 44.8
Std Dev 3.113
Gaus mean : 45.0871
Gaus Width: 3.4651
Entry
ampl
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1
2
3
4
5
6
7
8
0
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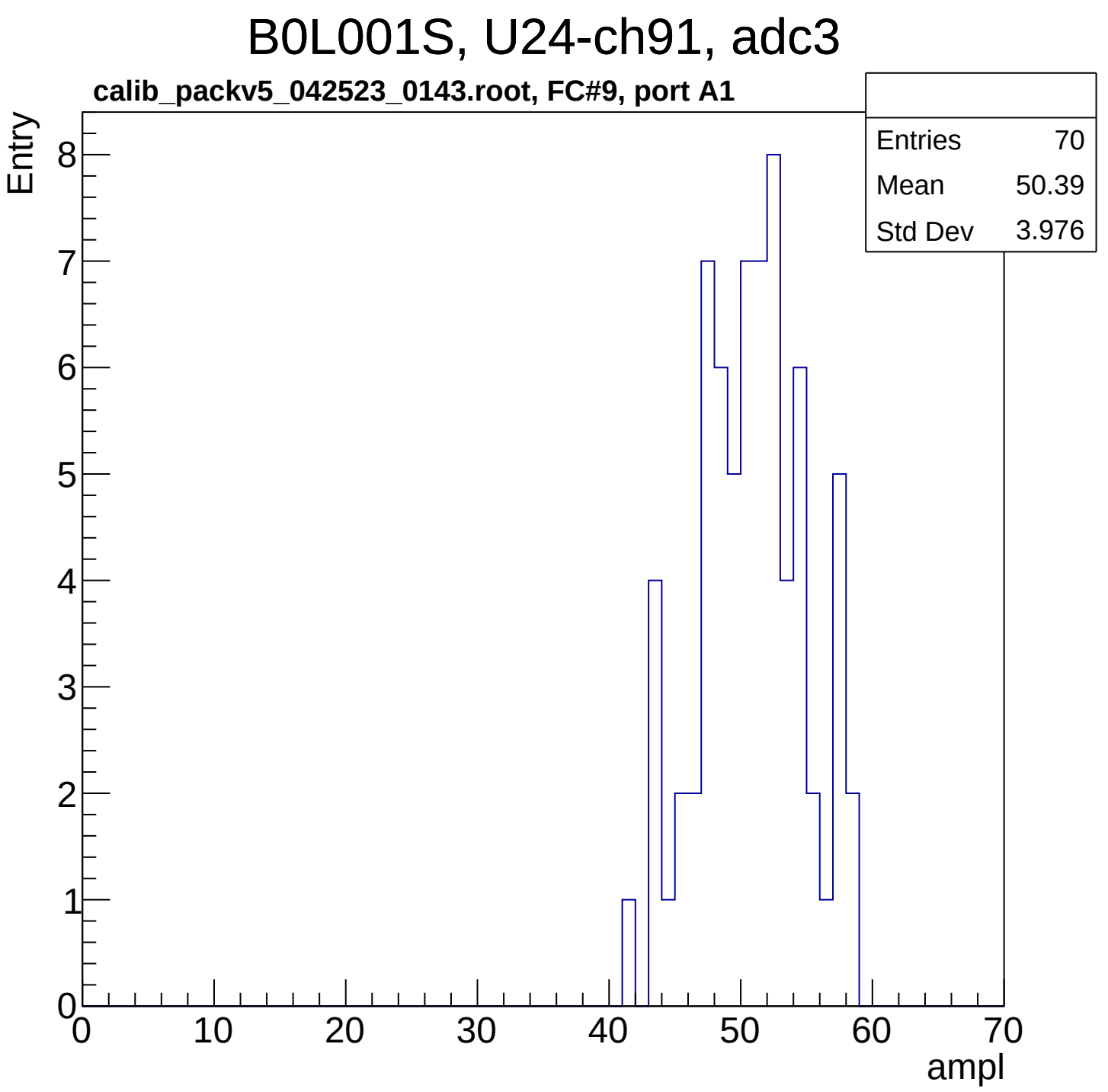
40
50
60
70


B0L001S, U24-ch91, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 50.39
Std Dev 3.976
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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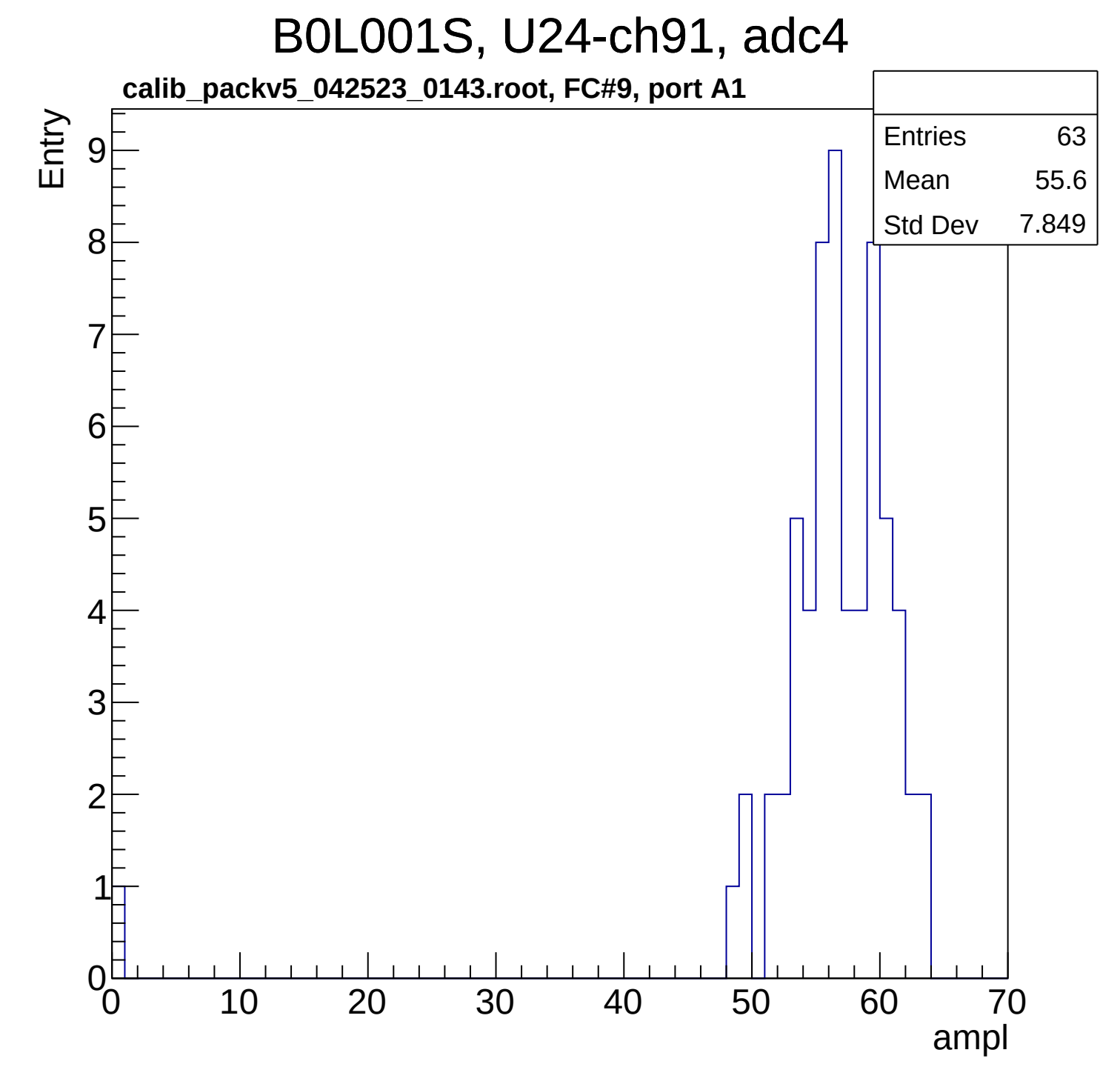
40
50
60
70


B0L001S, U24-ch91, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 55.6
Std Dev 7.849
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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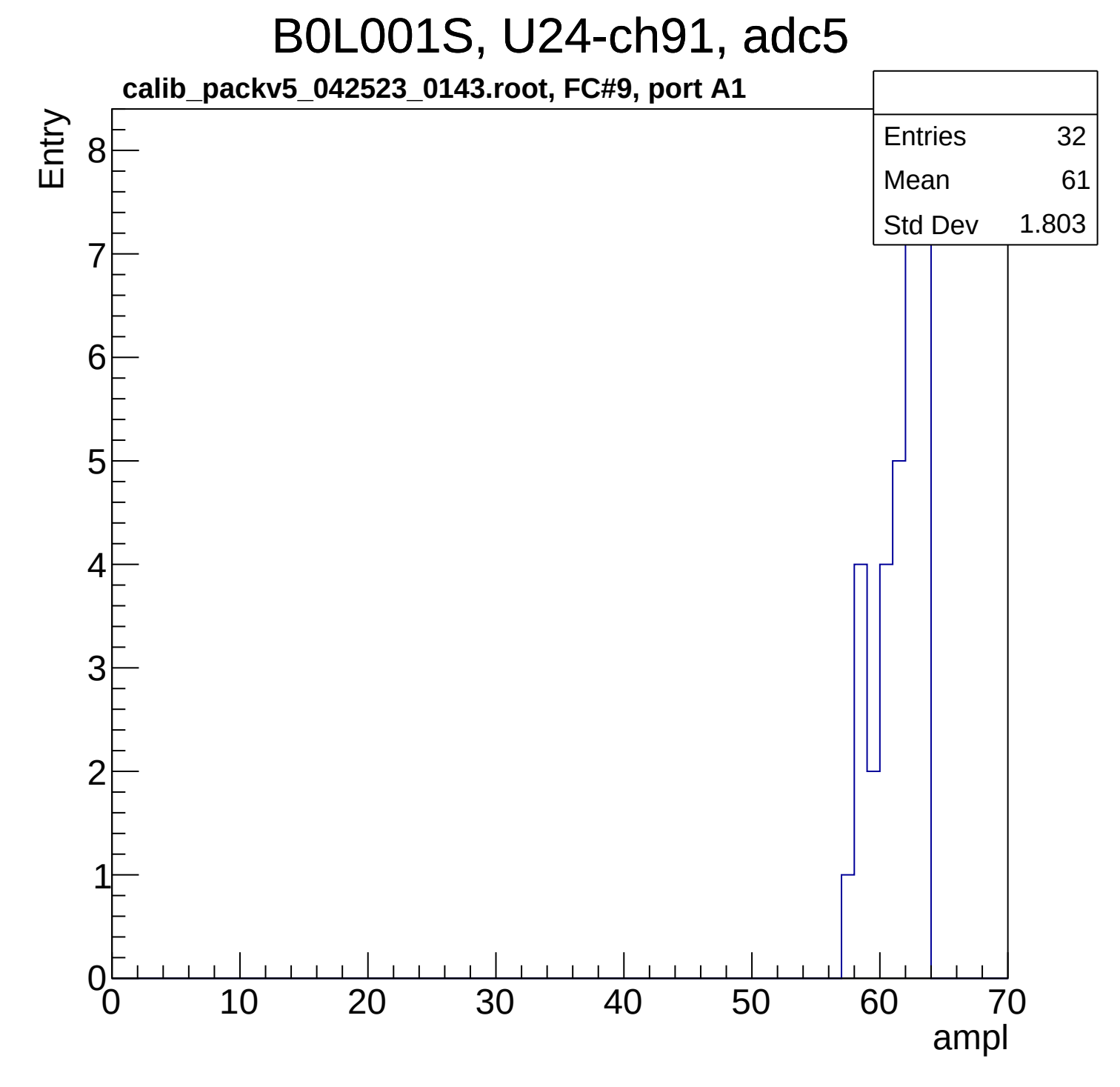
B0L001S, U24-ch91, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 61
Std Dev 1.803
Entry
ampl
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2
3
4
5
6
7
8
0
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20
30
40
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60
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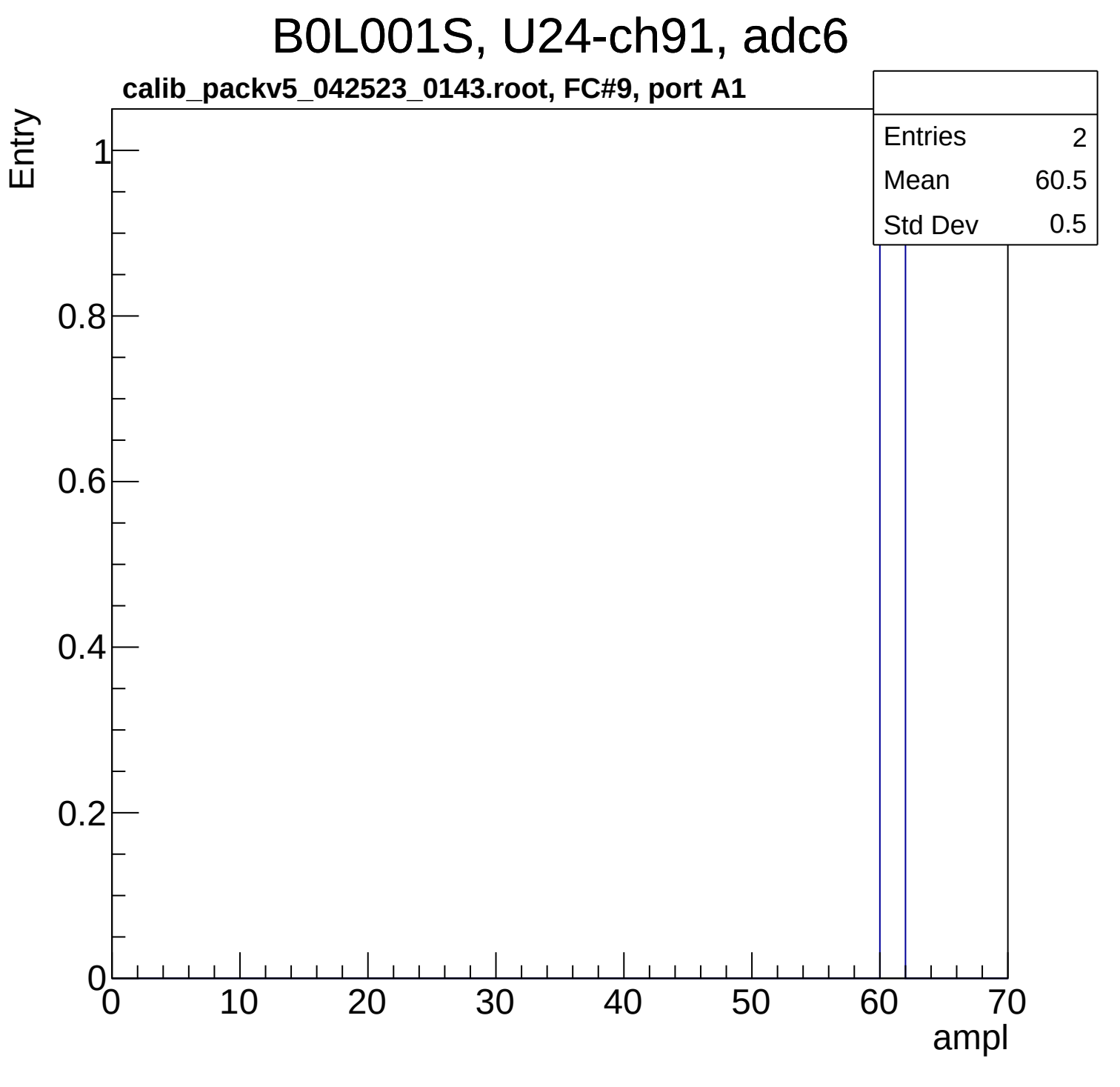
B0L001S, U24-ch91, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 60.5
Std Dev 0.5
Entry
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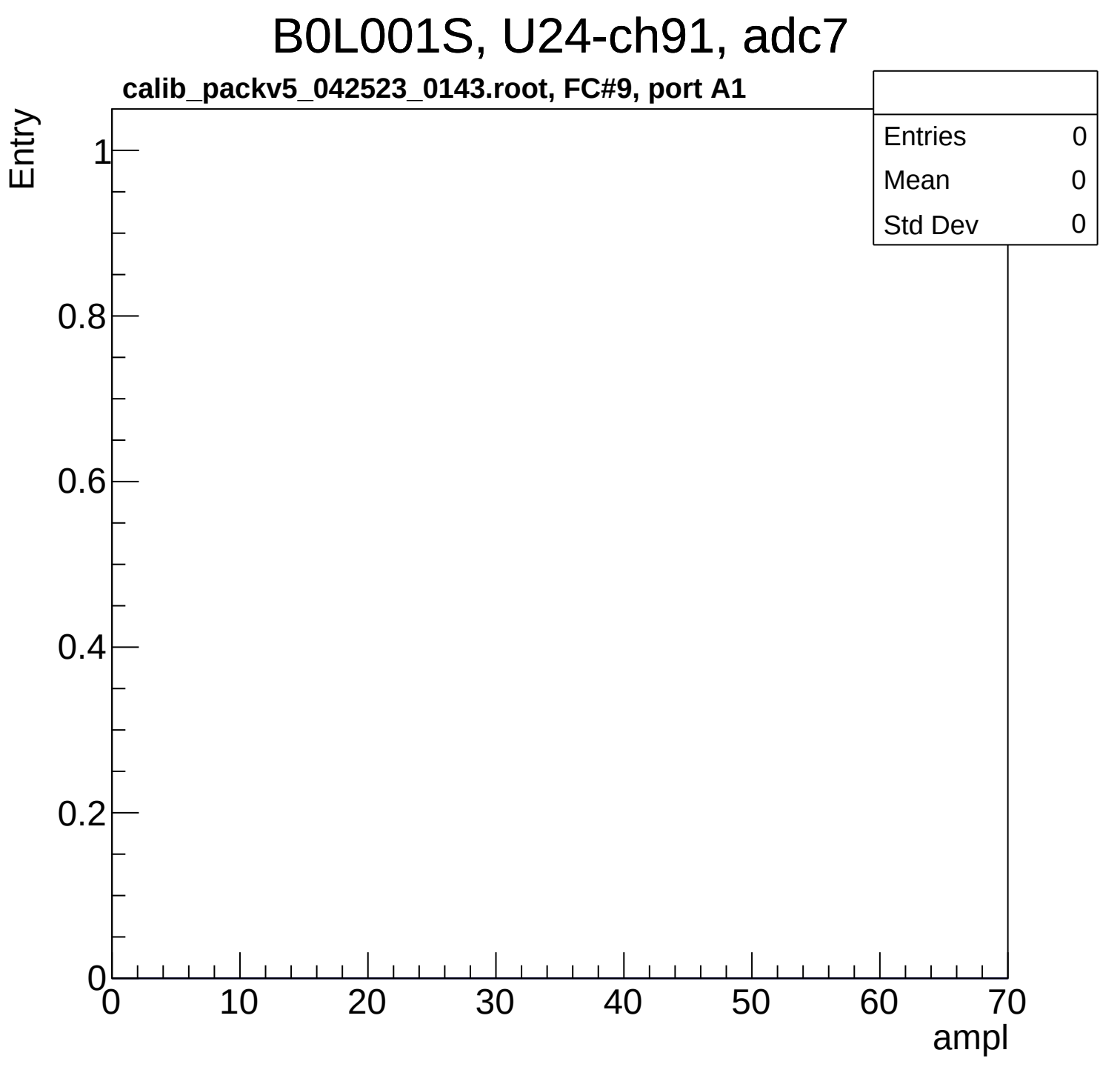
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch91, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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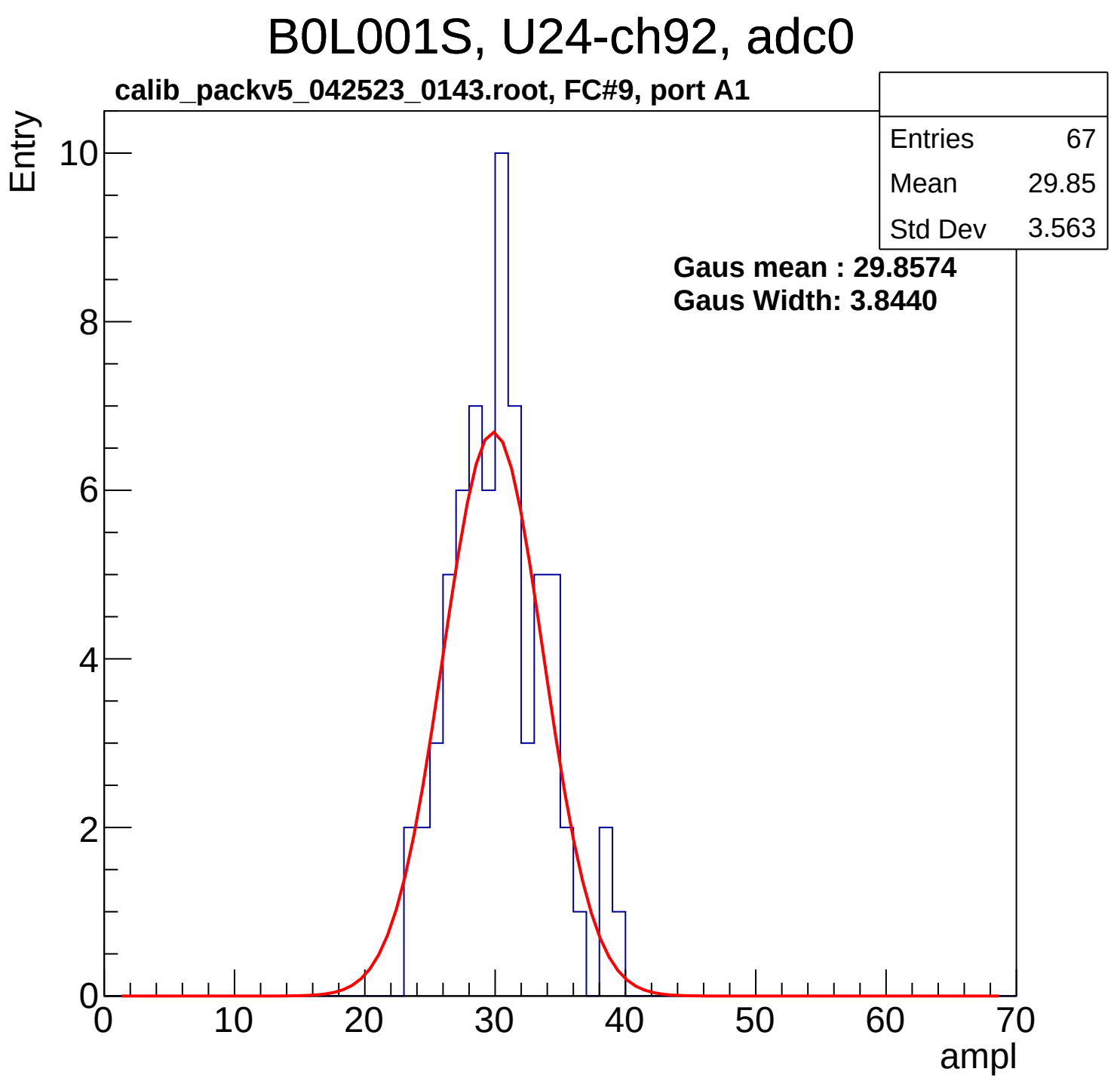
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch92, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 29.85
Std Dev 3.563
Gaus mean : 29.8574
Gaus Width: 3.8440
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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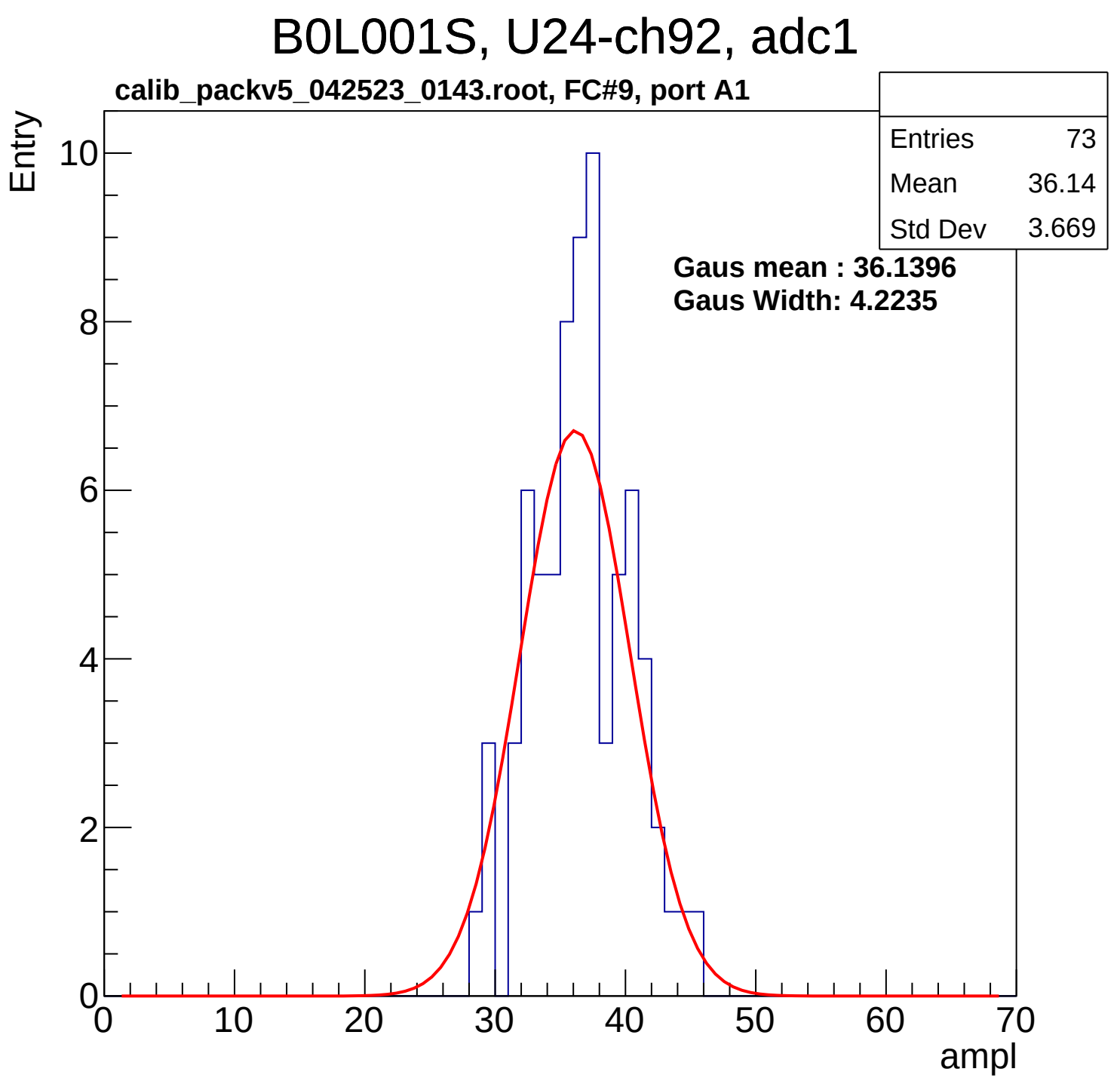
B0L001S, U24-ch92, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 36.14
Std Dev 3.669
Gaus mean : 36.1396
Gaus Width: 4.2235
Entry
ampl
0
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6
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10
0
10
20
30
40
50
60
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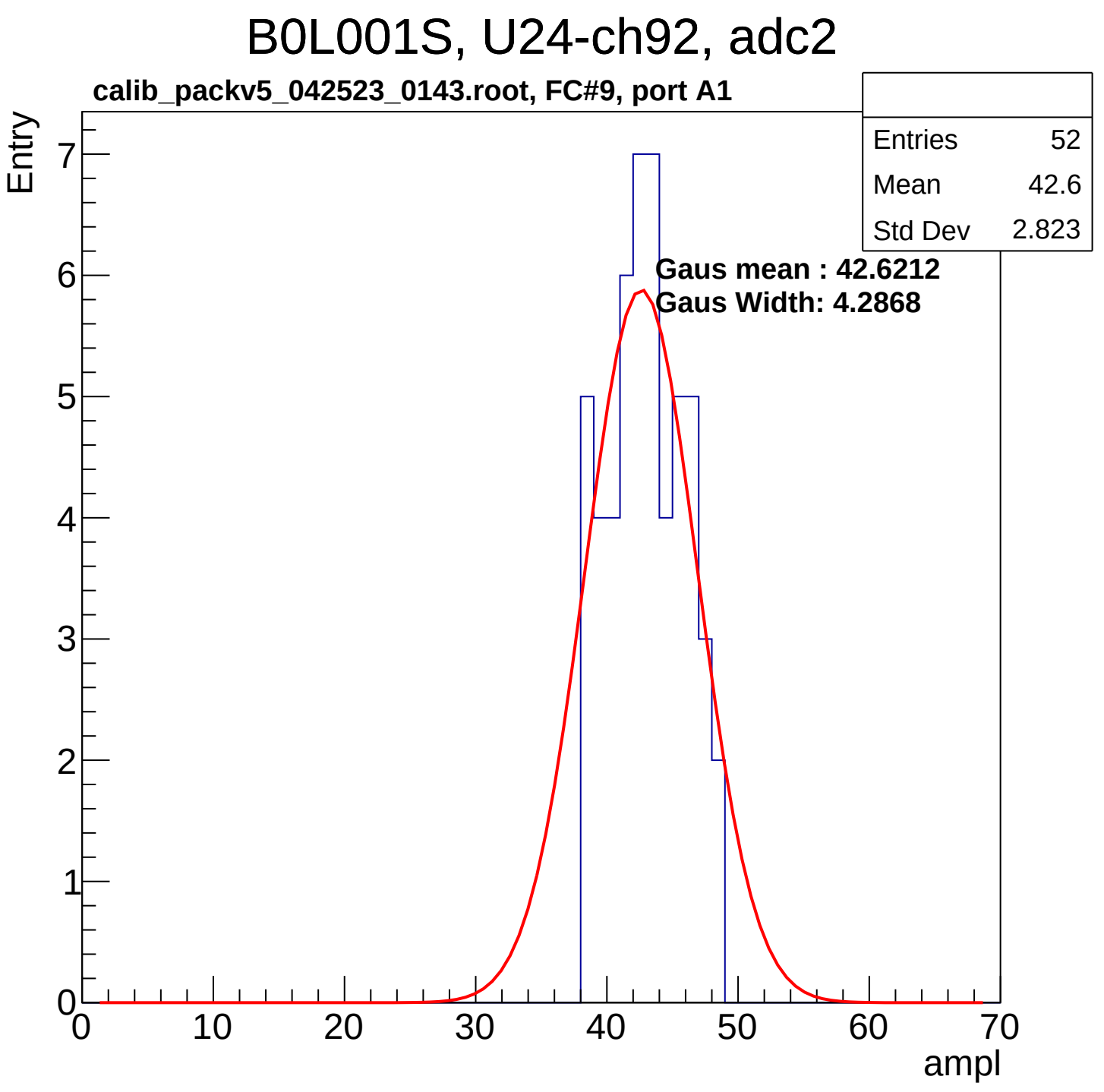
B0L001S, U24-ch92, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 42.6
Std Dev 2.823
Gaus mean : 42.6212
Gaus Width: 4.2868
Entry
ampl
0
1
2
3
4
5
6
7
0
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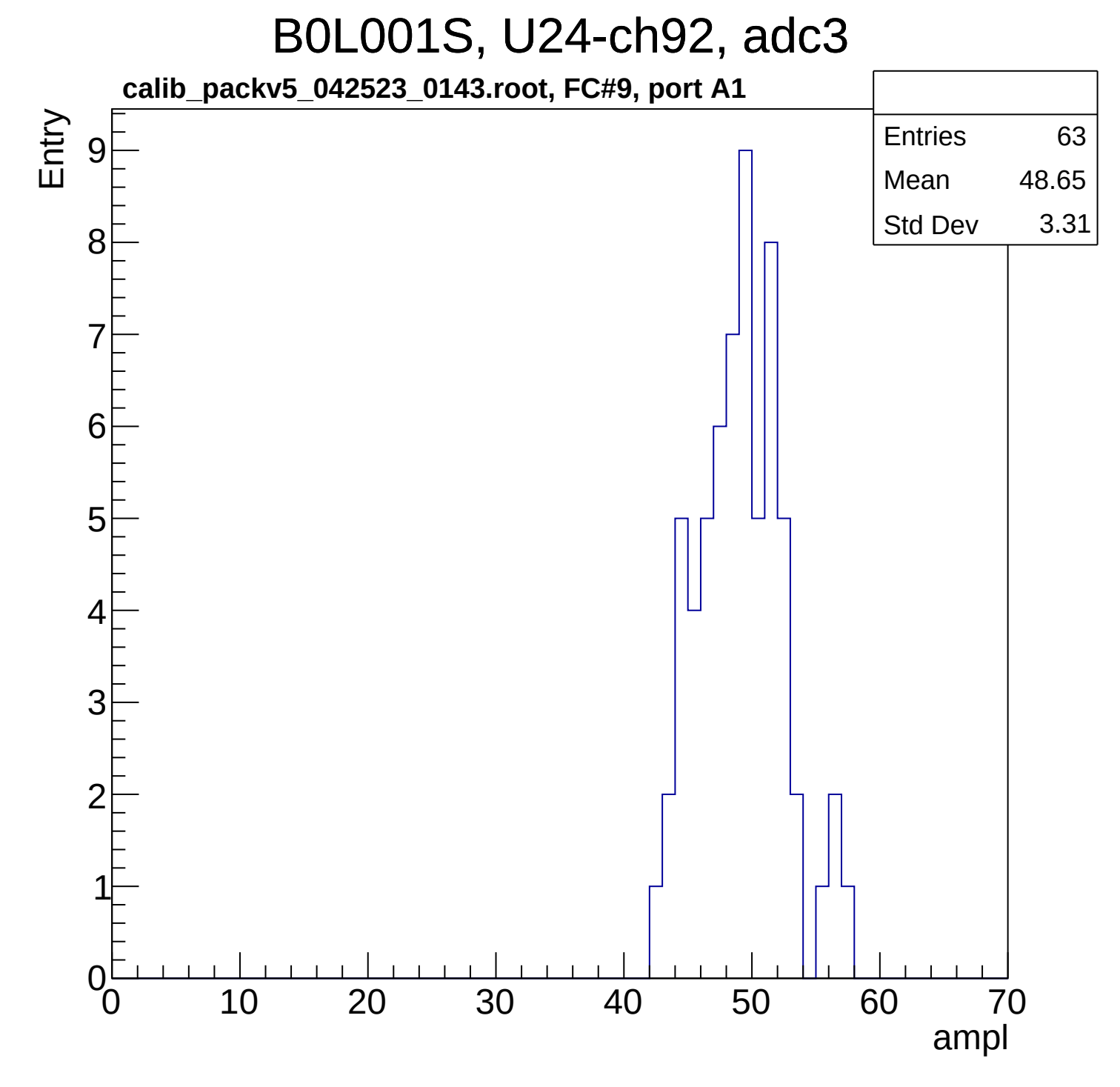
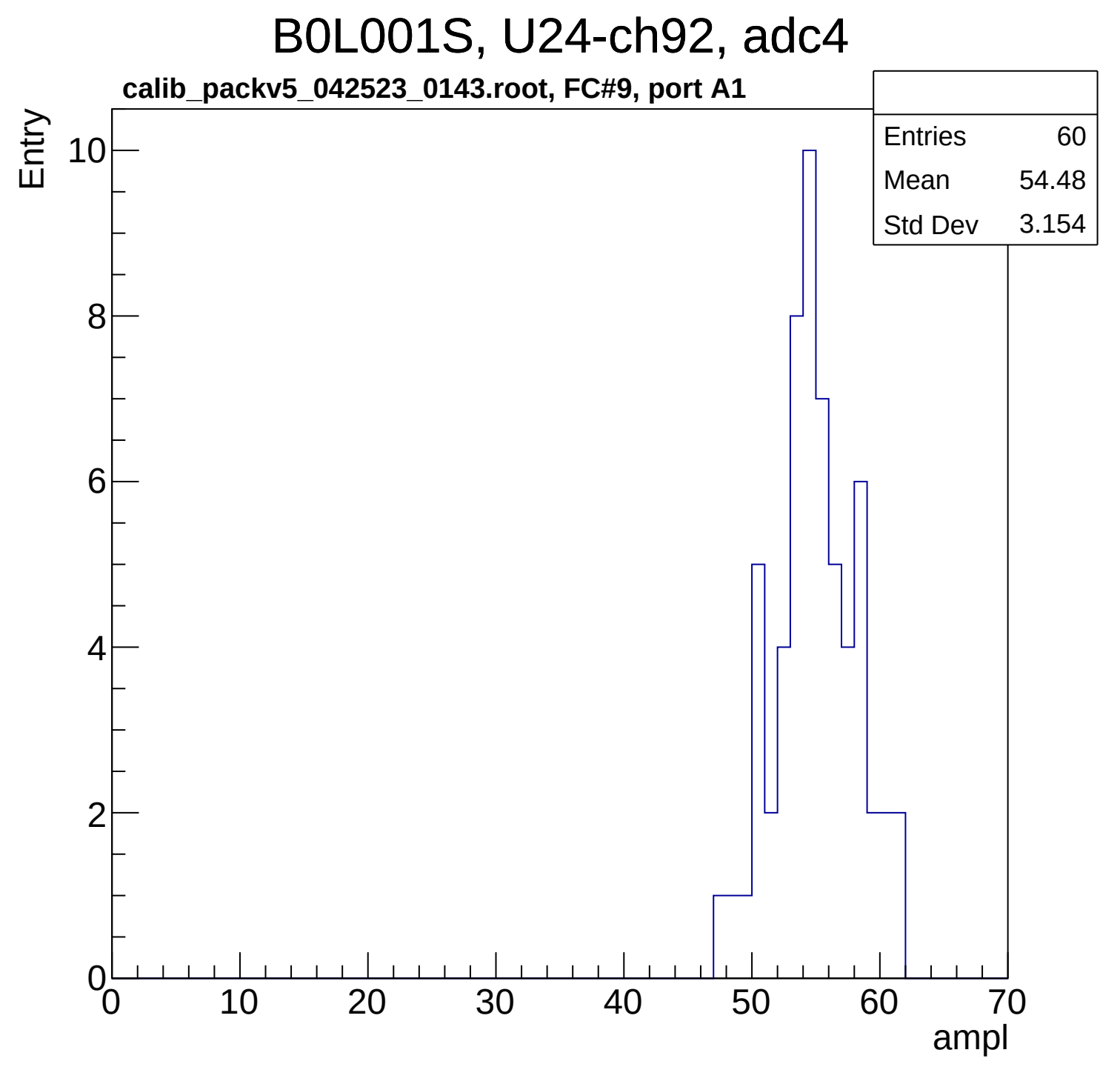
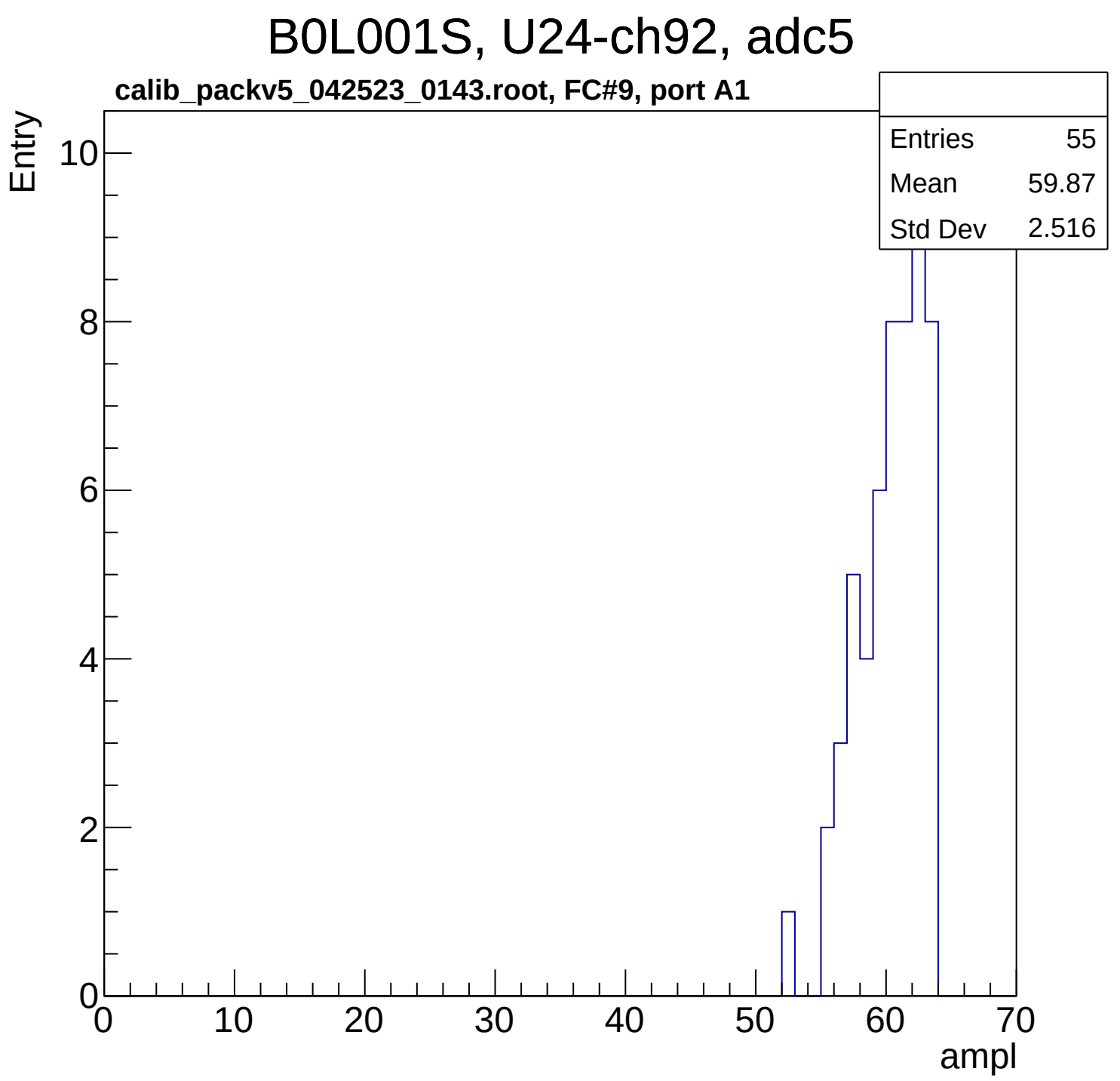
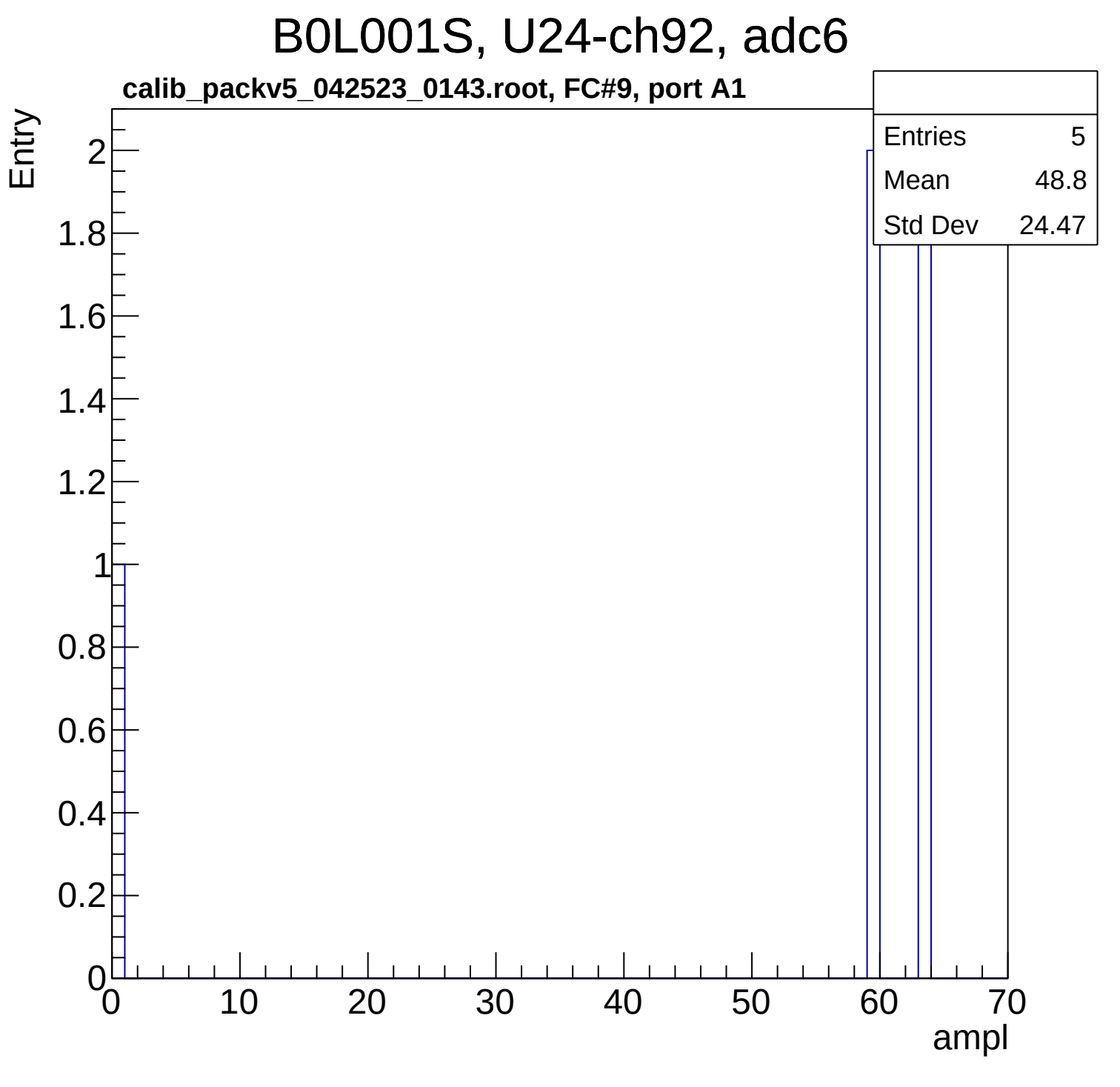
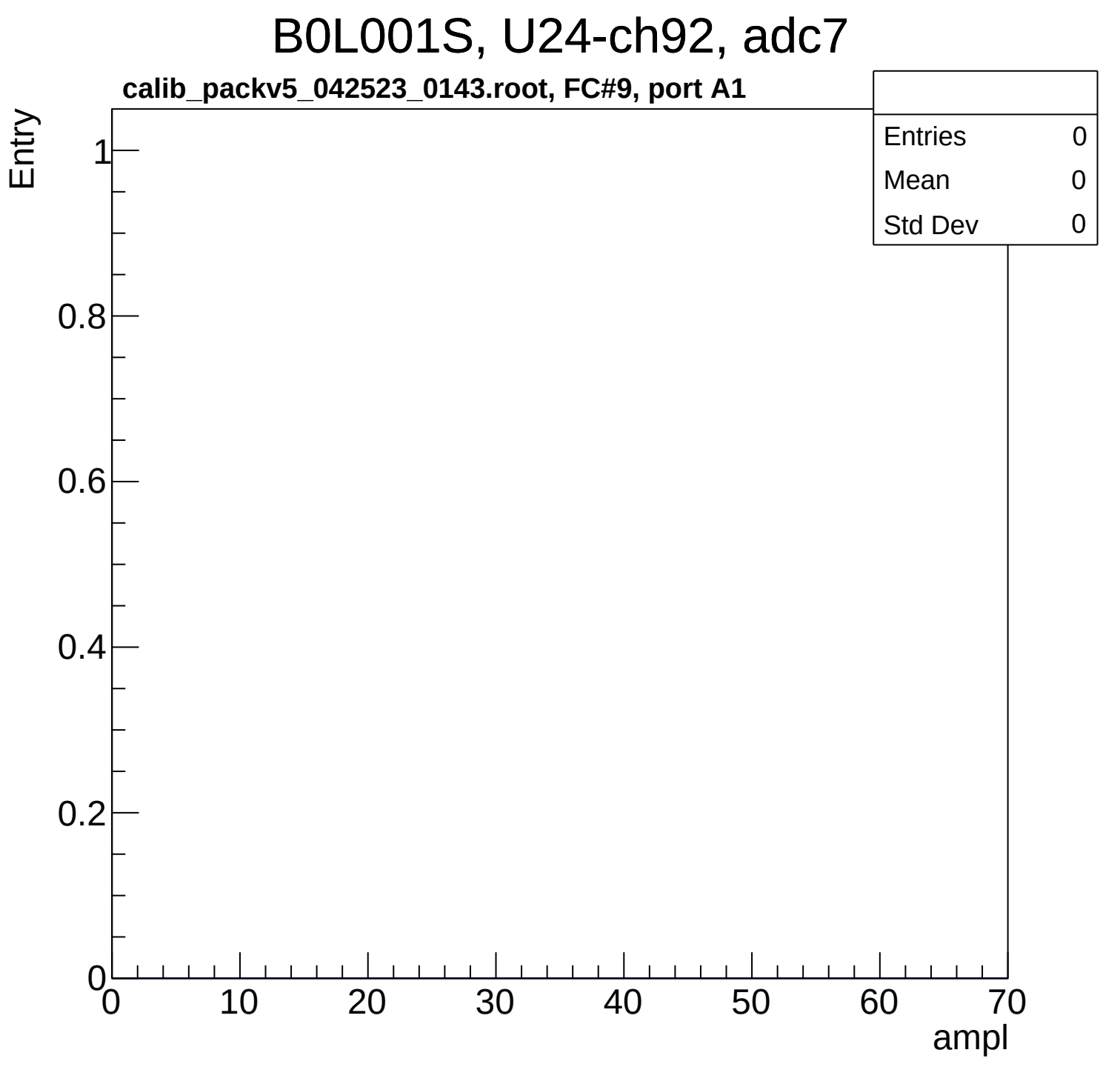
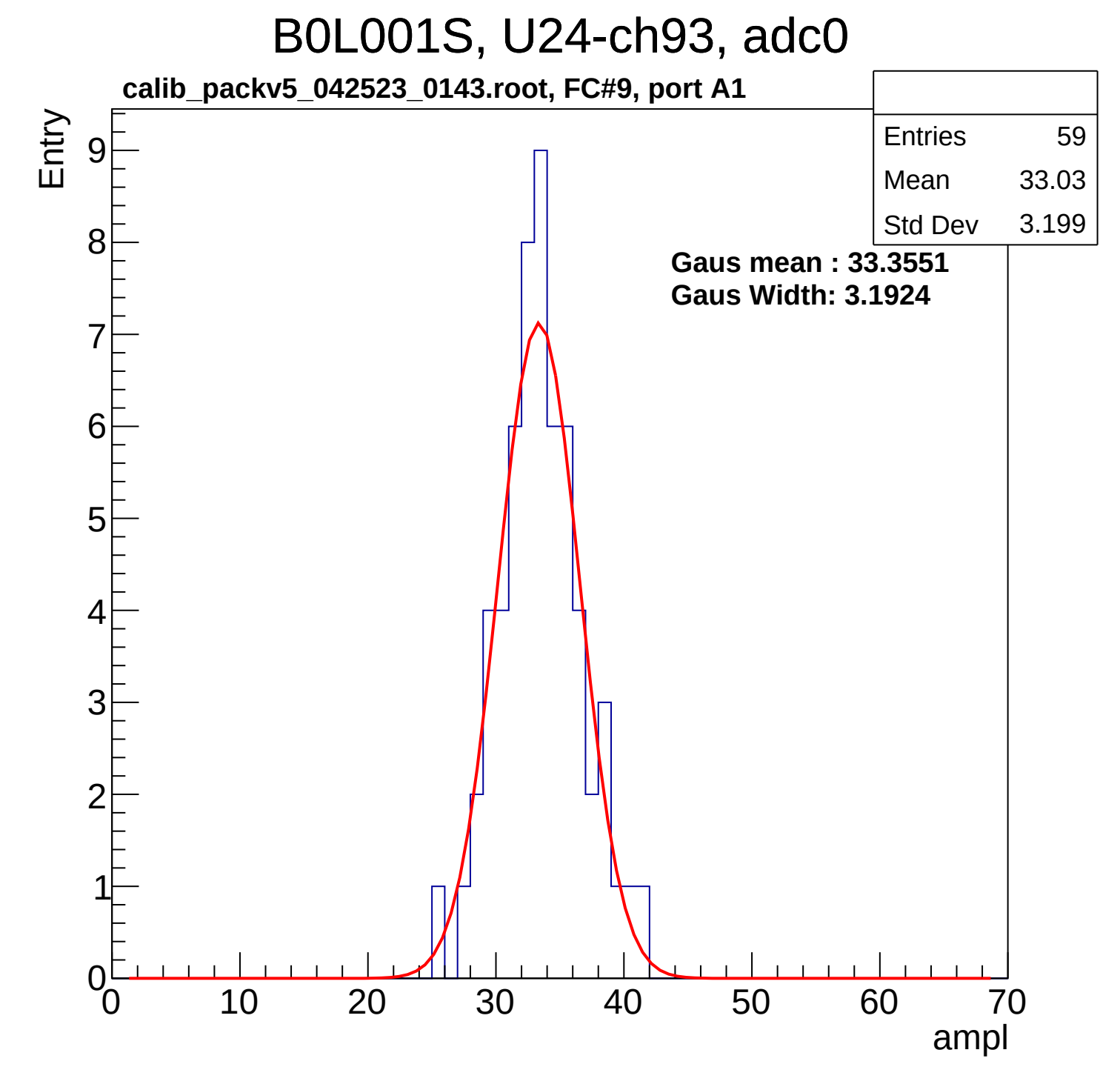

B0L001S, U24-ch92, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 48.65
Std Dev 3.31
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

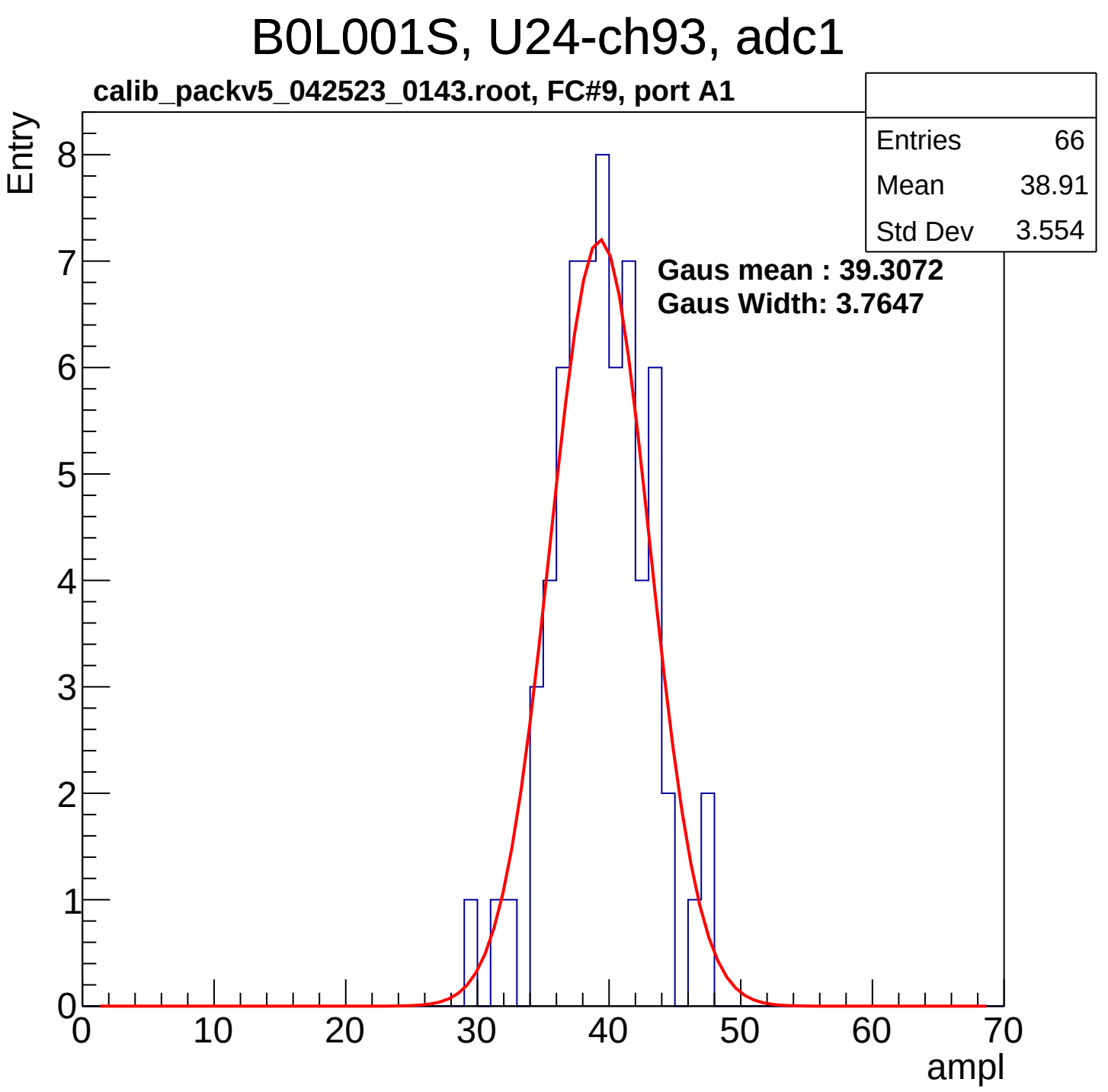

B0L001S, U24-ch92, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 54.48
Std Dev 3.154
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

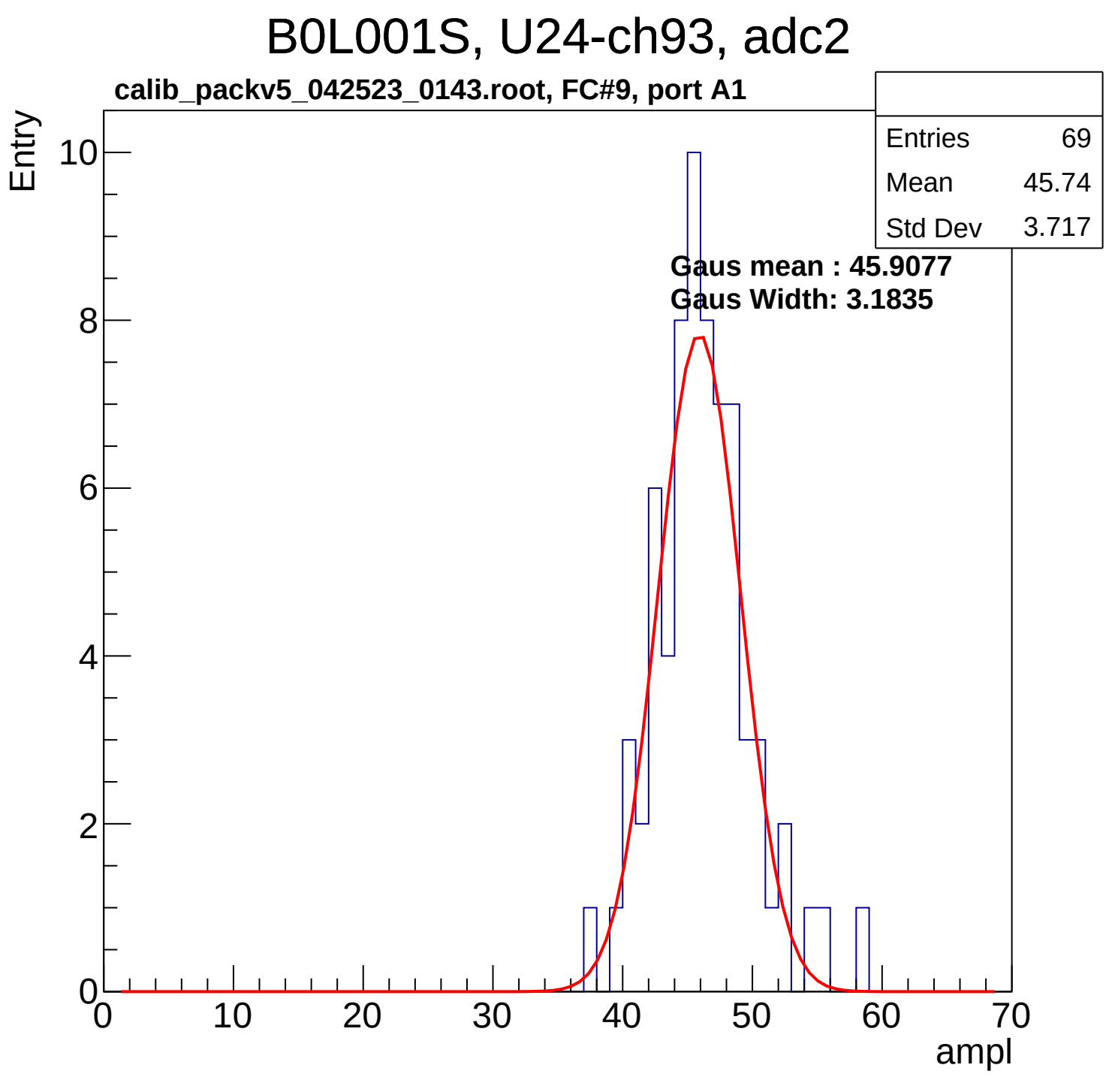

B0L001S, U24-ch92, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 59.87
Std Dev 2.516
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

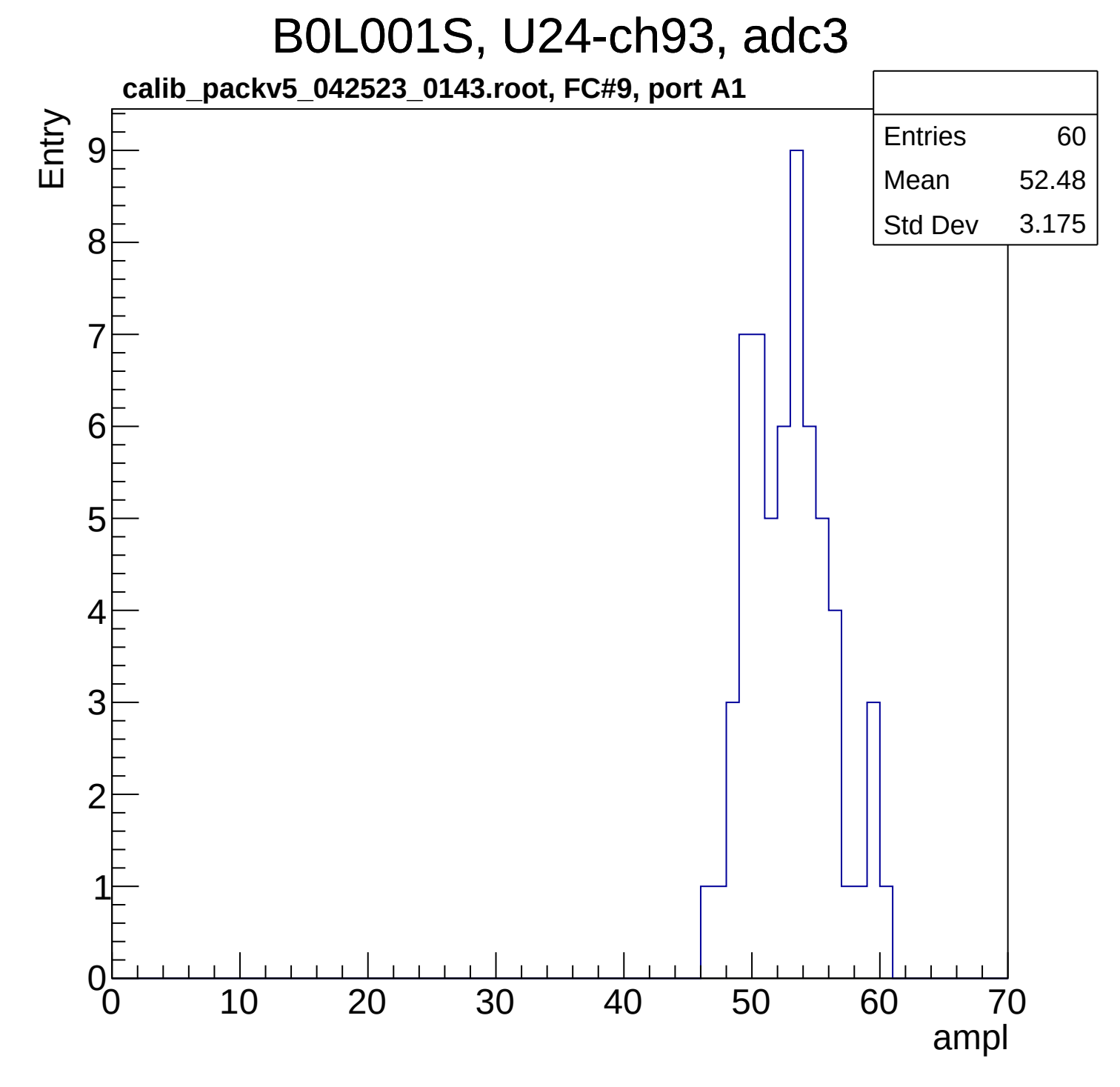

B0L001S, U24-ch92, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 48.8
Std Dev 24.47
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch92, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch93, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 33.03
Std Dev 3.199
Gaus mean : 33.3551
Gaus Width: 3.1924
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch93, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 38.91
Std Dev 3.554
Gaus mean : 39.3072
Gaus Width: 3.7647
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch93, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 45.74
Std Dev 3.717
Gaus mean : 45.9077
Gaus Width: 3.1835
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch93, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 52.48
Std Dev 3.175
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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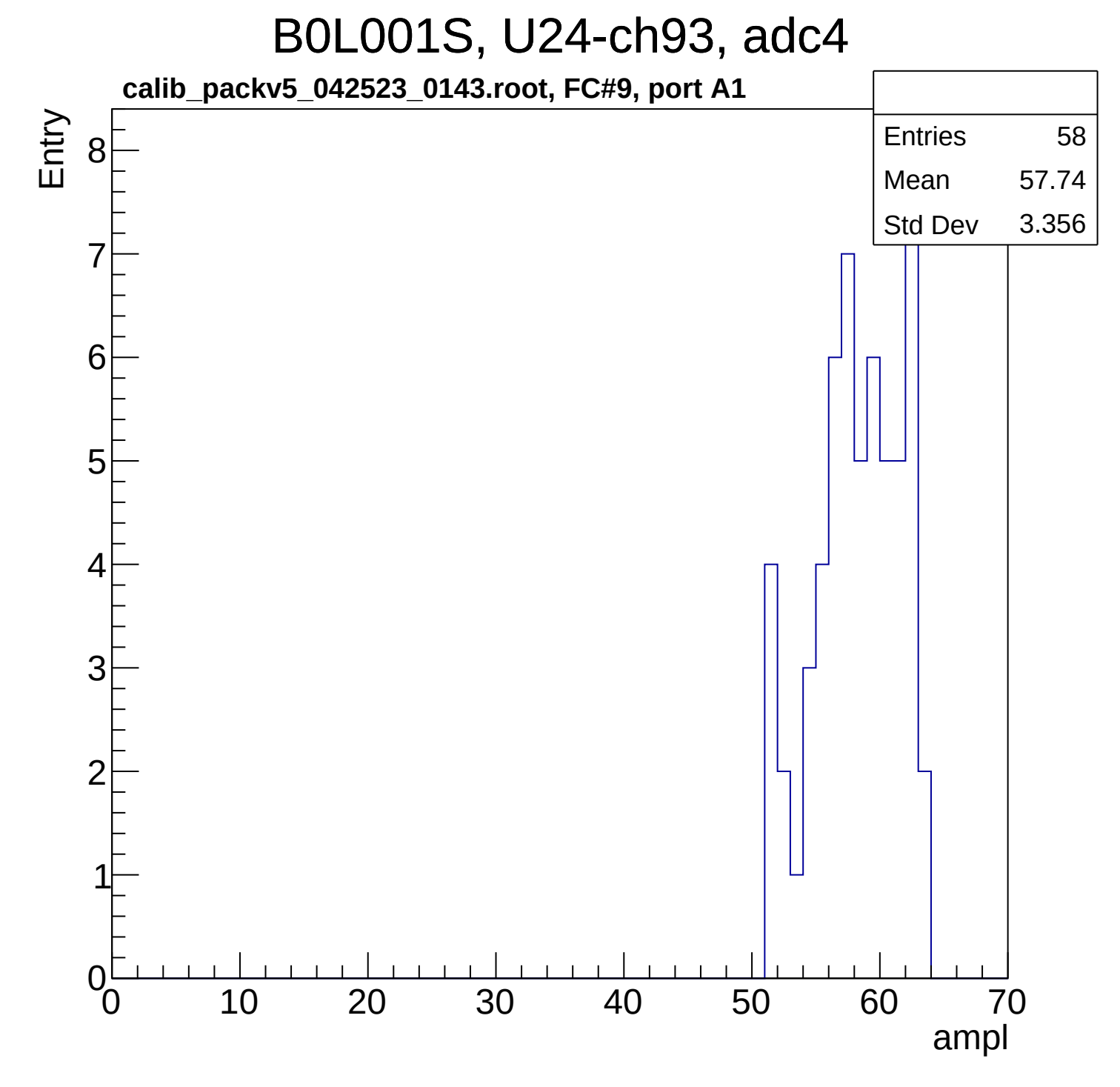
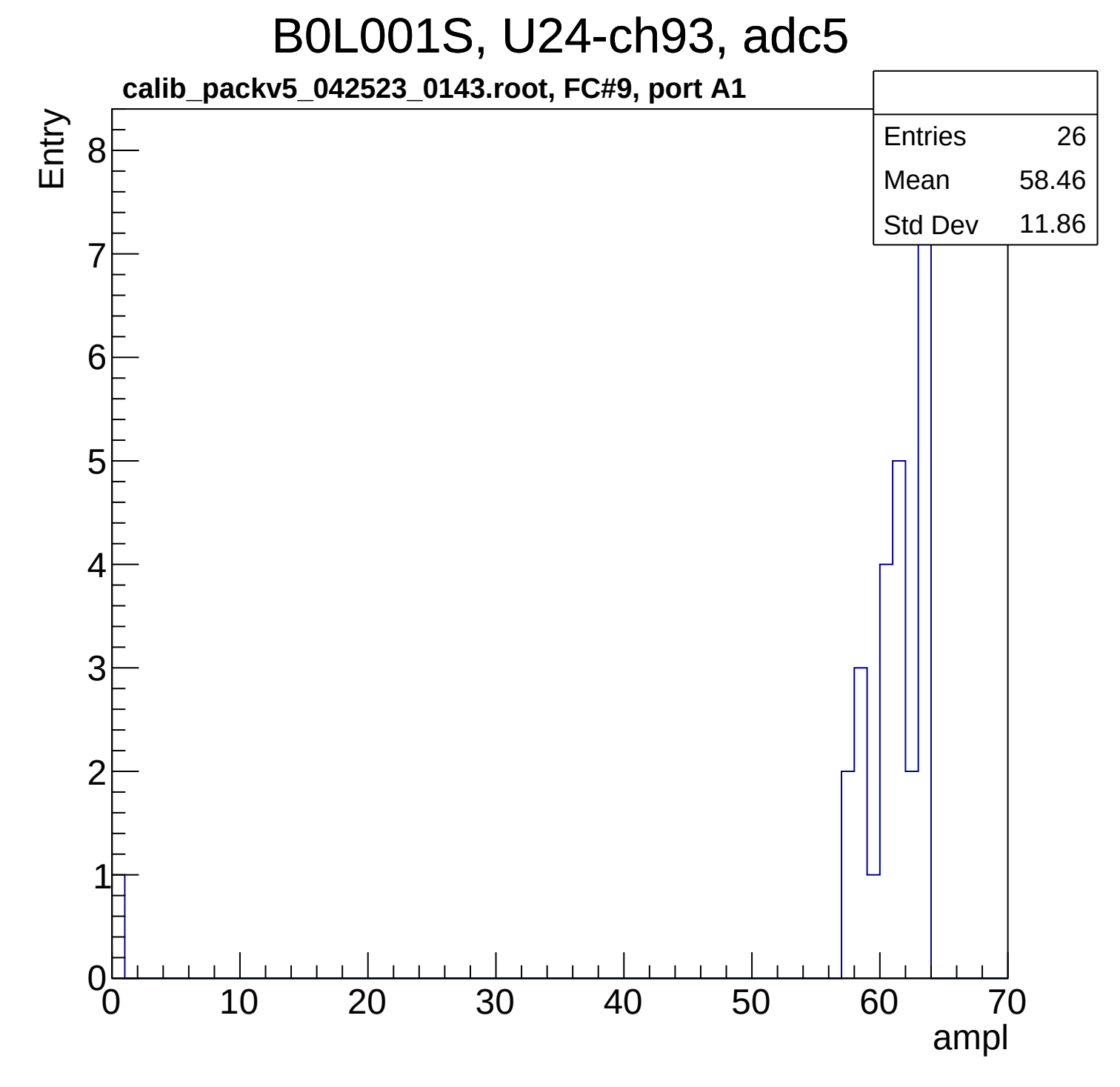
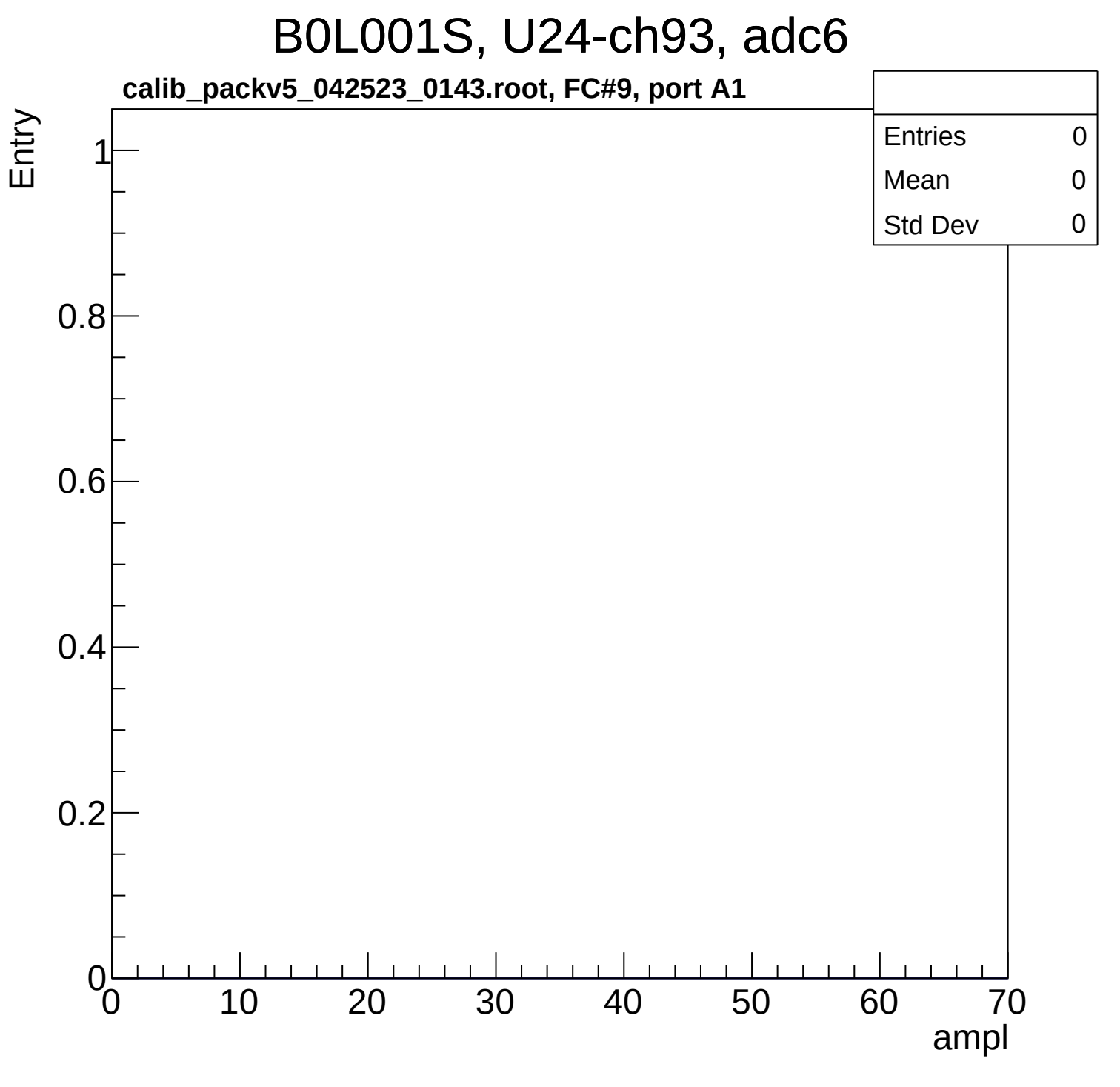
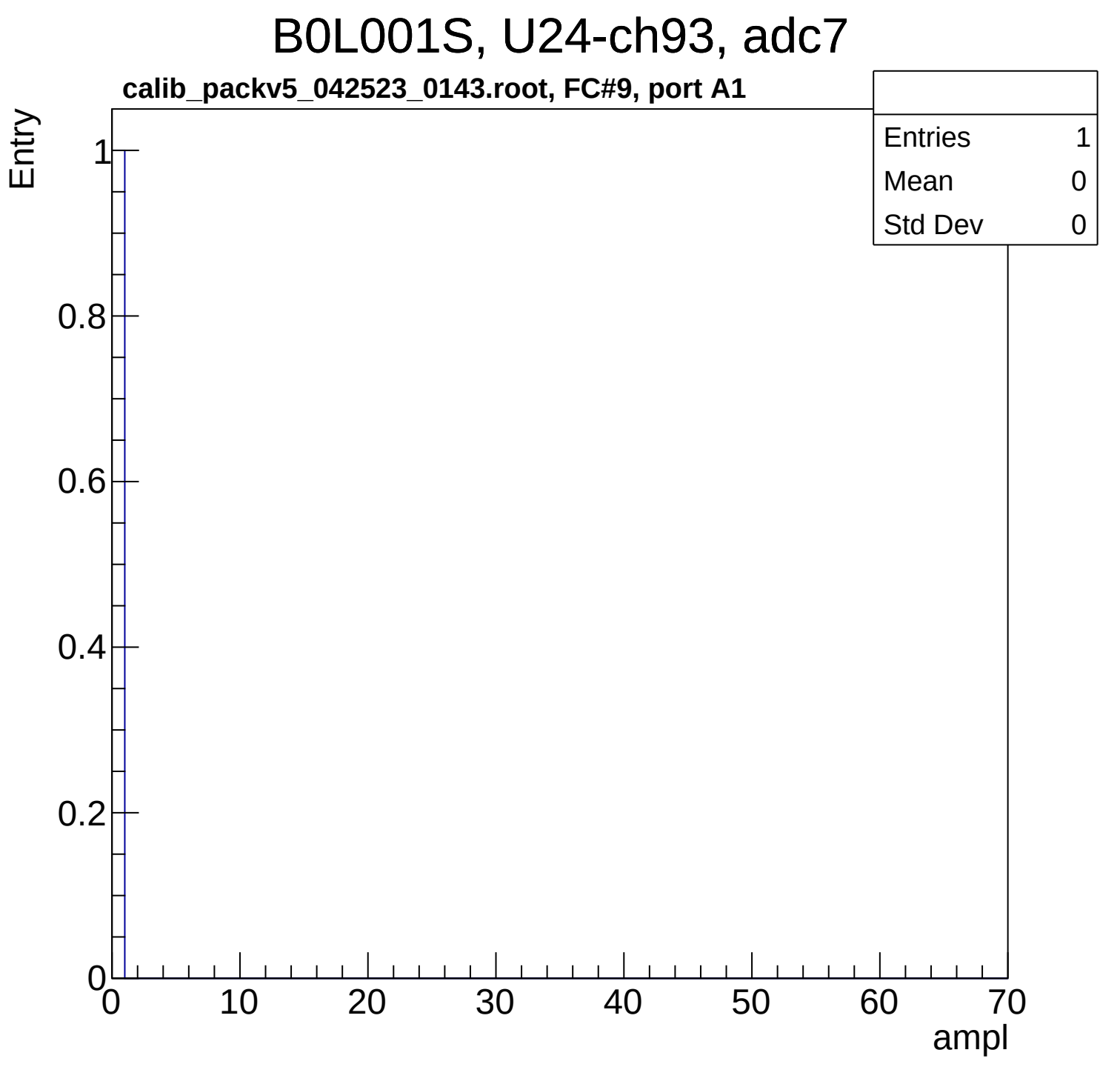
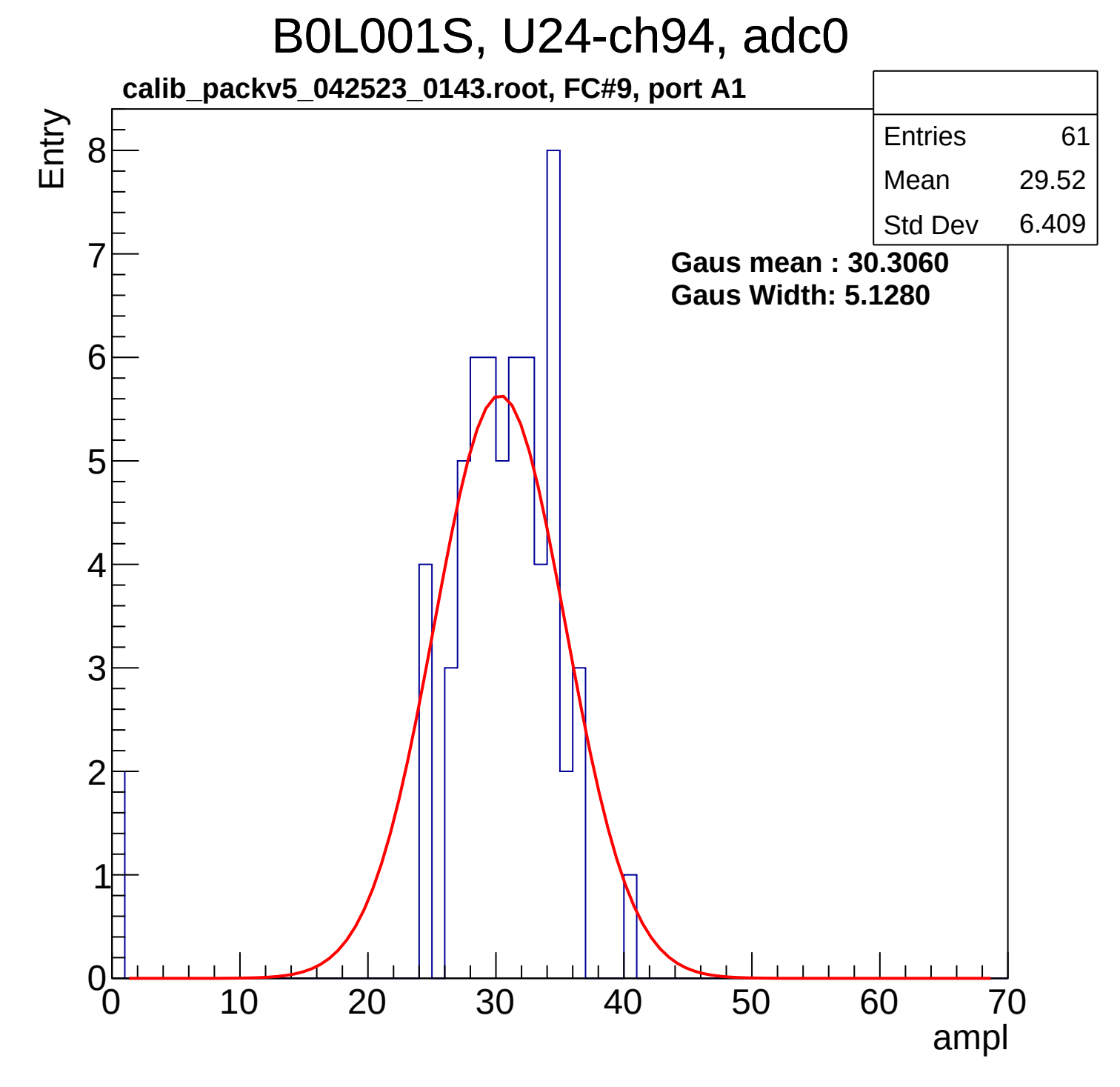
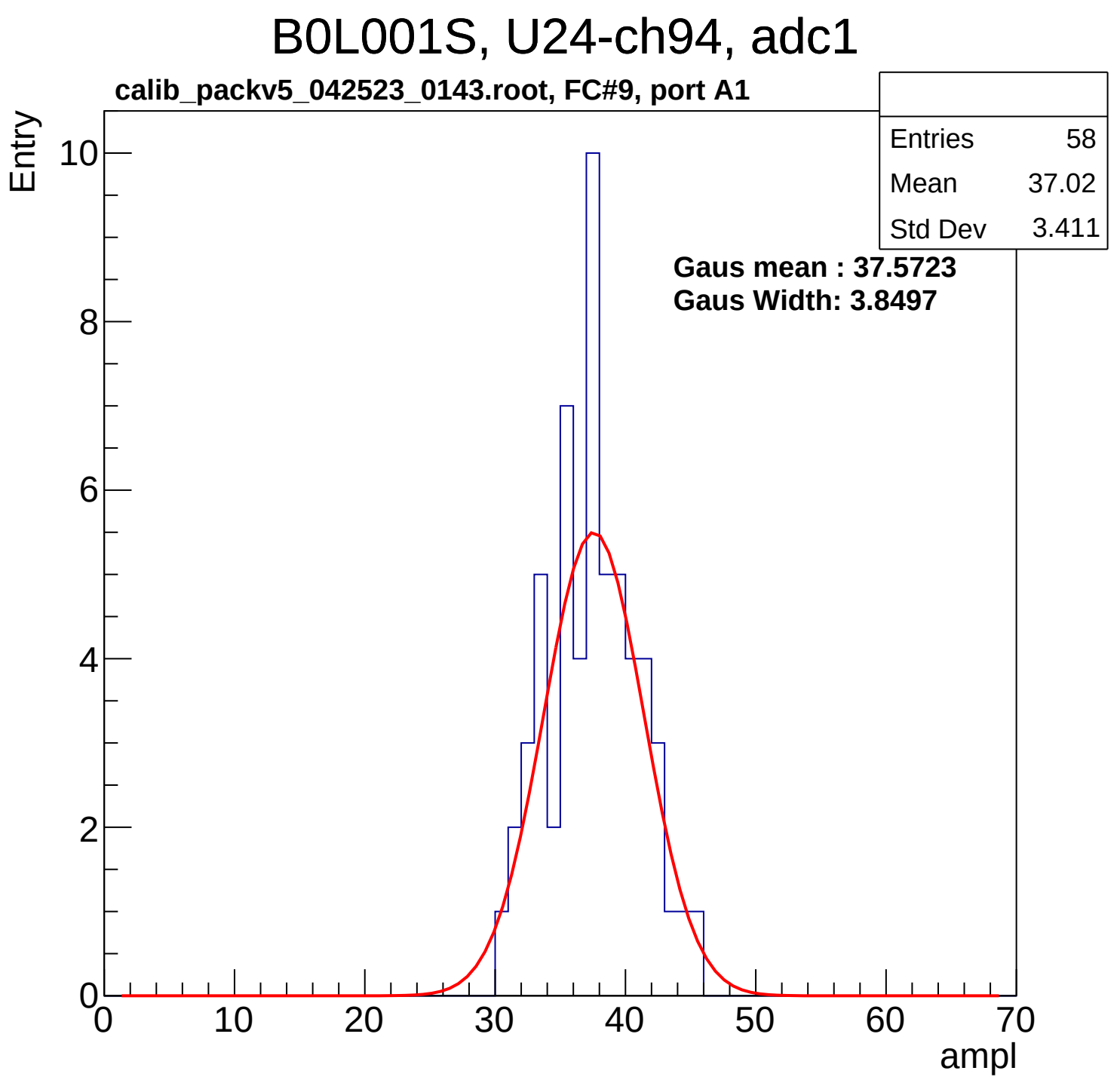

B0L001S, U24-ch93, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 57.74
Std Dev 3.356
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

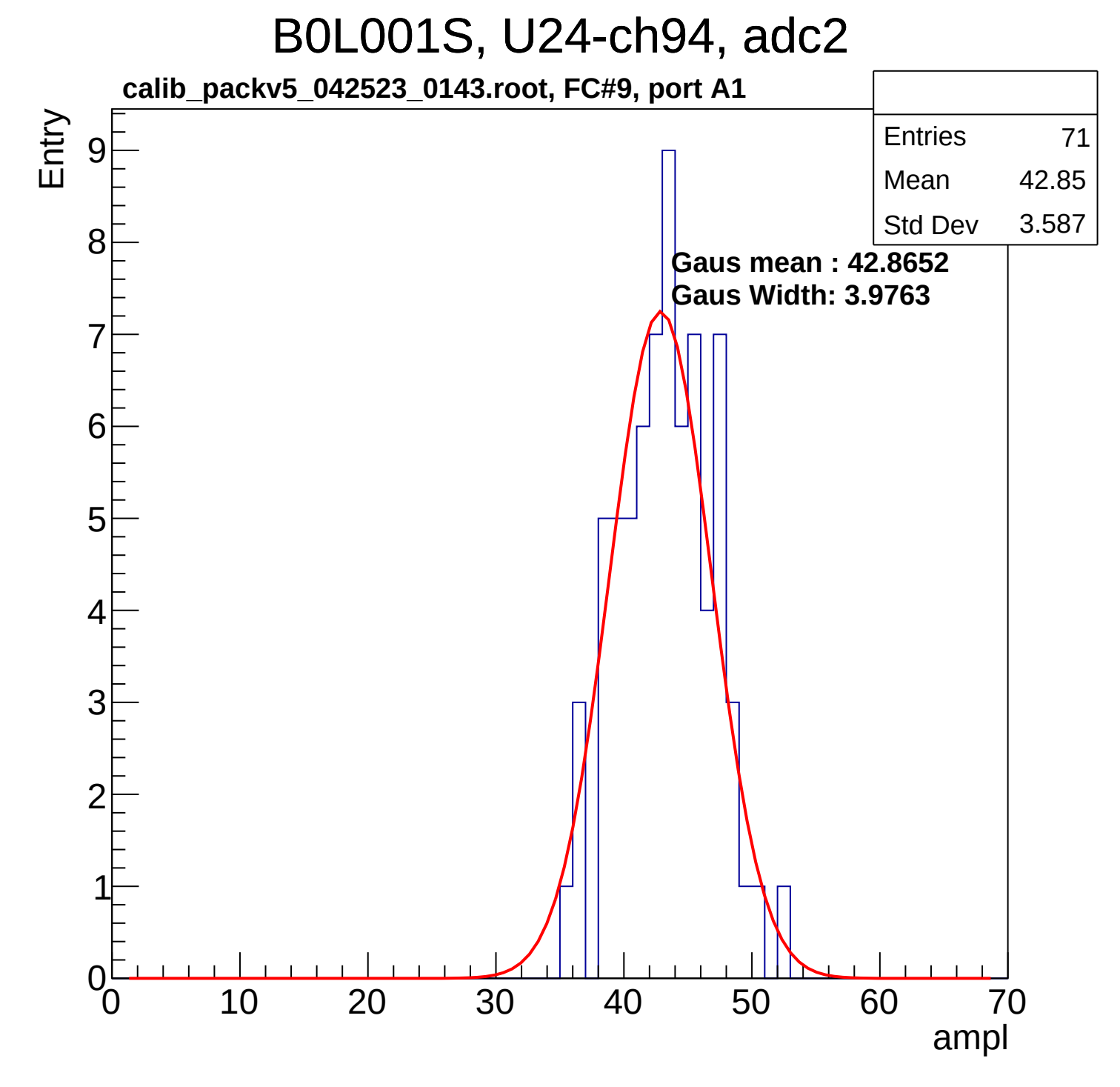

B0L001S, U24-ch93, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 58.46
Std Dev 11.86
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

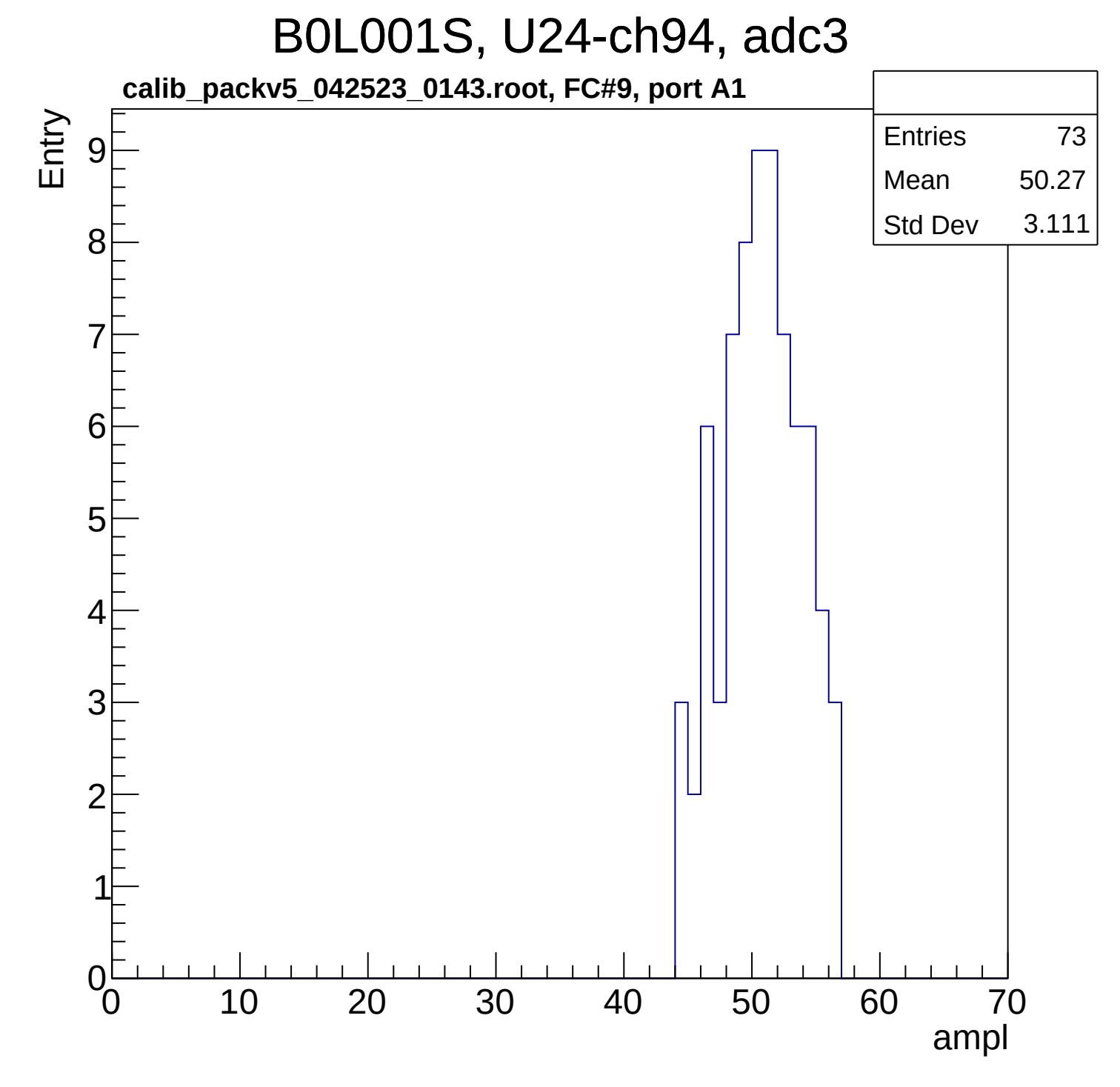

B0L001S, U24-ch93, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

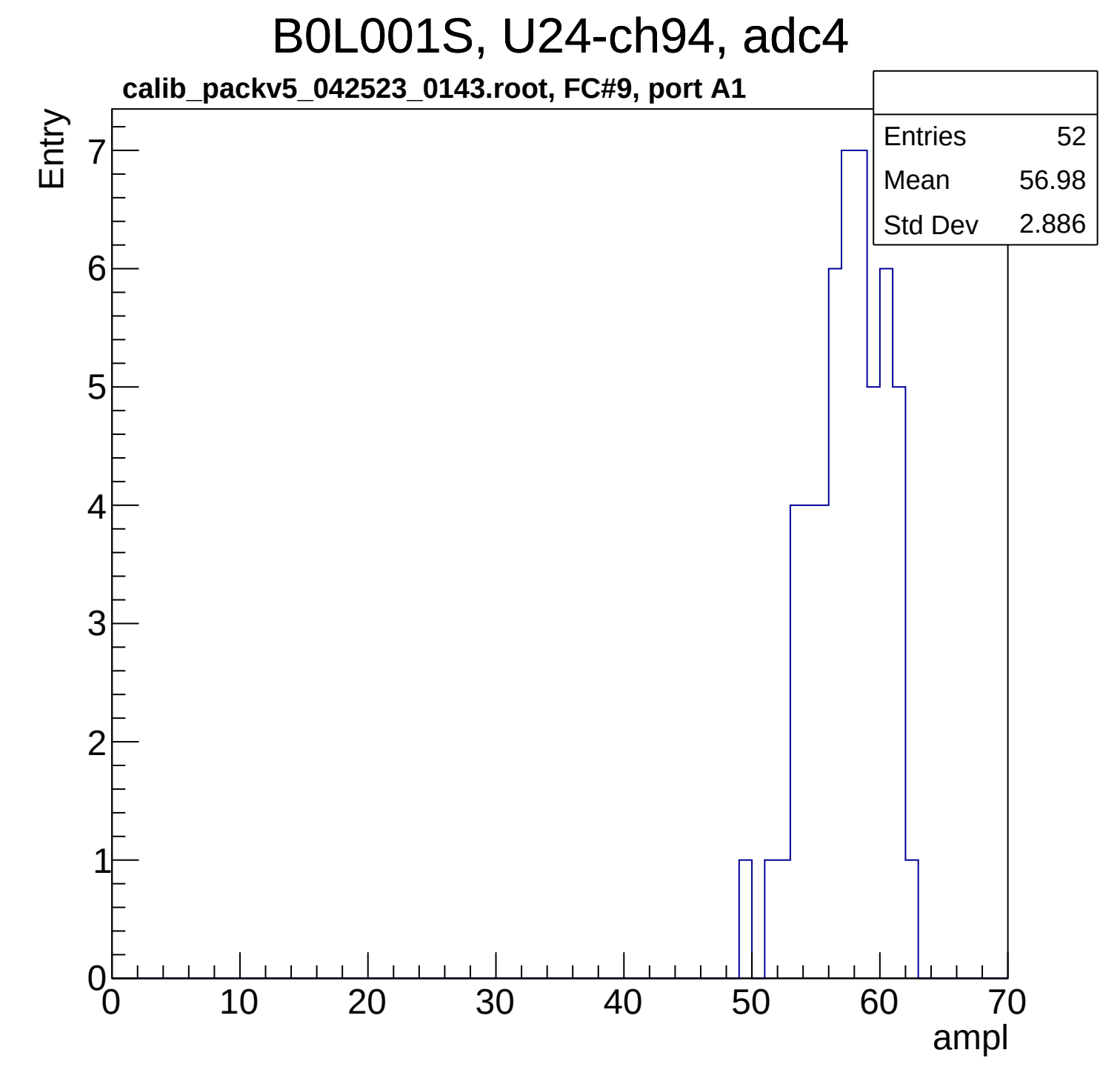

B0L001S, U24-ch93, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

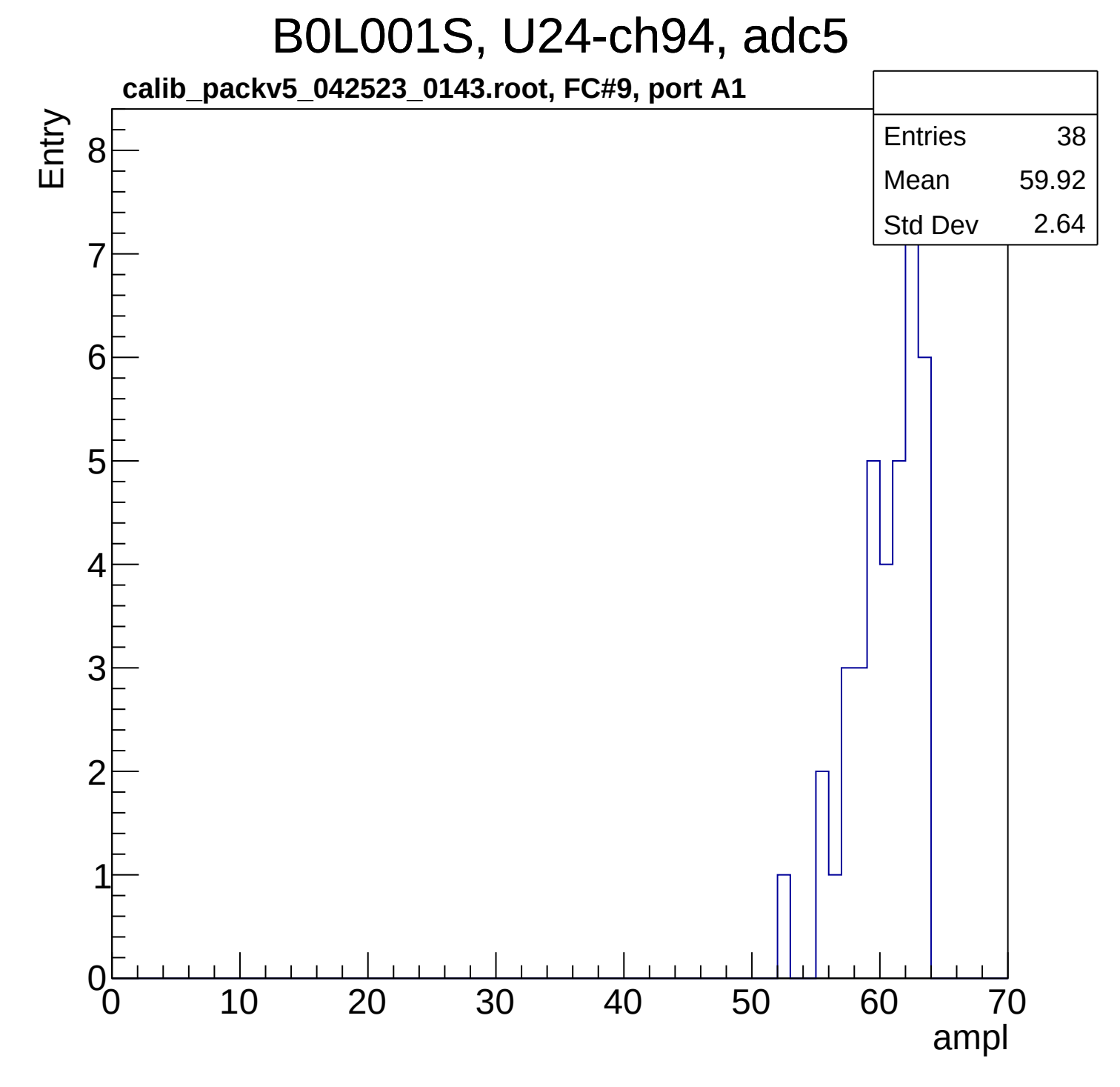

B0L001S, U24-ch94, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 29.52
Std Dev 6.409
Gaus mean : 30.3060
Gaus Width: 5.1280
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch94, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 37.02
Std Dev 3.411
Gaus mean : 37.5723
Gaus Width: 3.8497
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch94, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 42.85
Std Dev 3.587
Gaus mean : 42.8652
Gaus Width: 3.9763
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch94, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 50.27
Std Dev 3.111
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch94, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 56.98
Std Dev 2.886
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch94, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 59.92
Std Dev 2.64
Entry
ampl
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1
2
3
4
5
6
7
8
0
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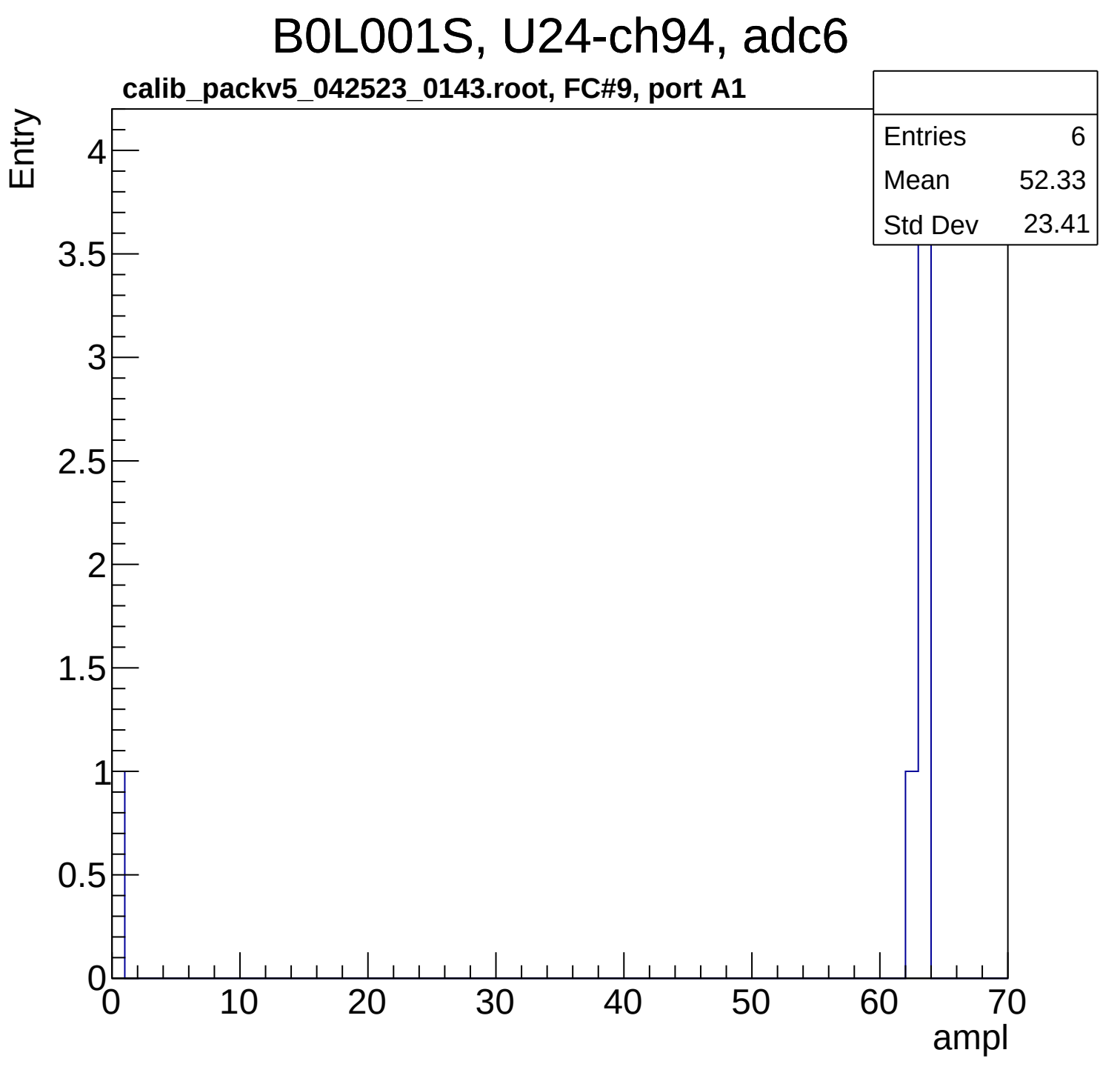
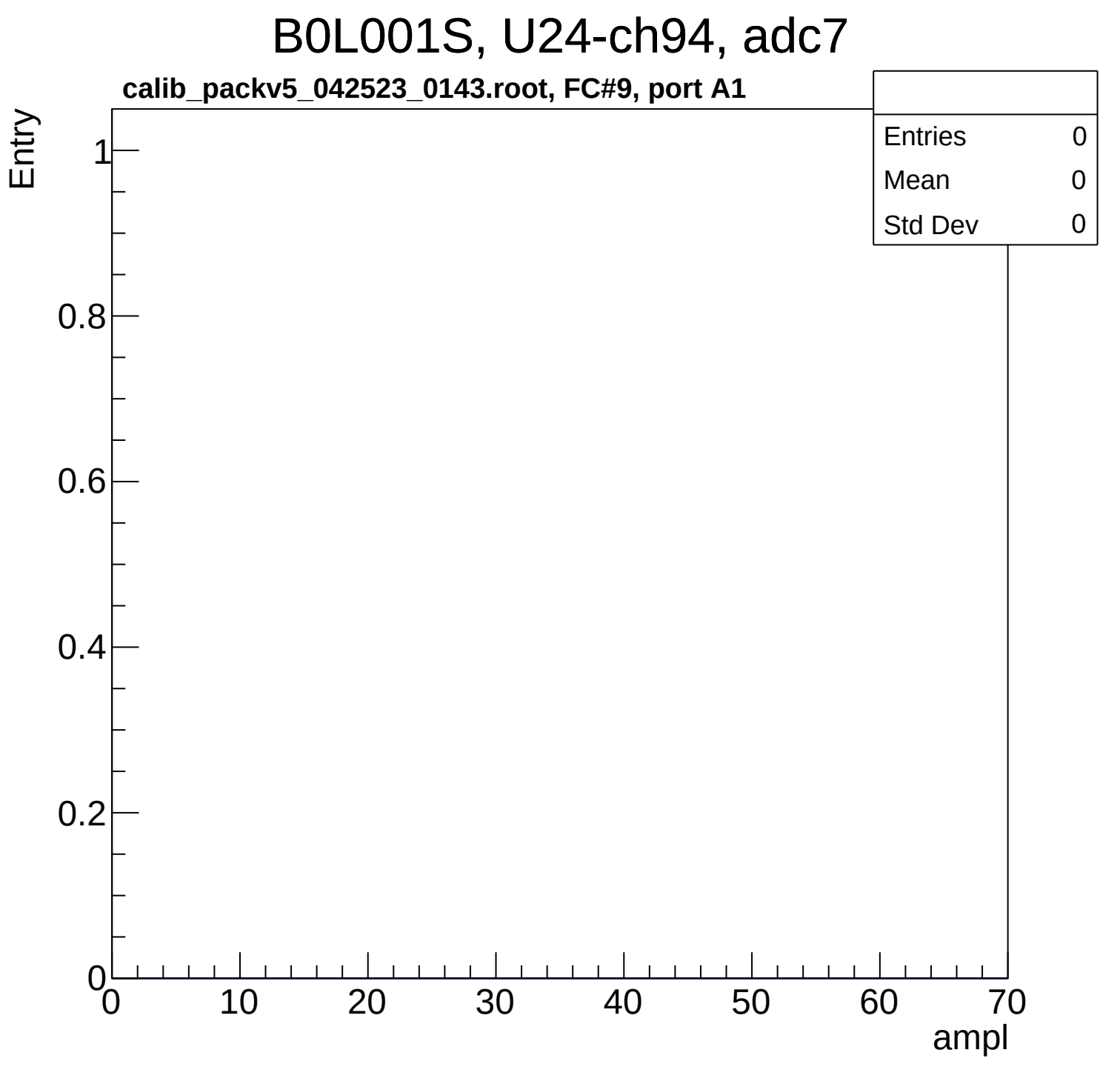
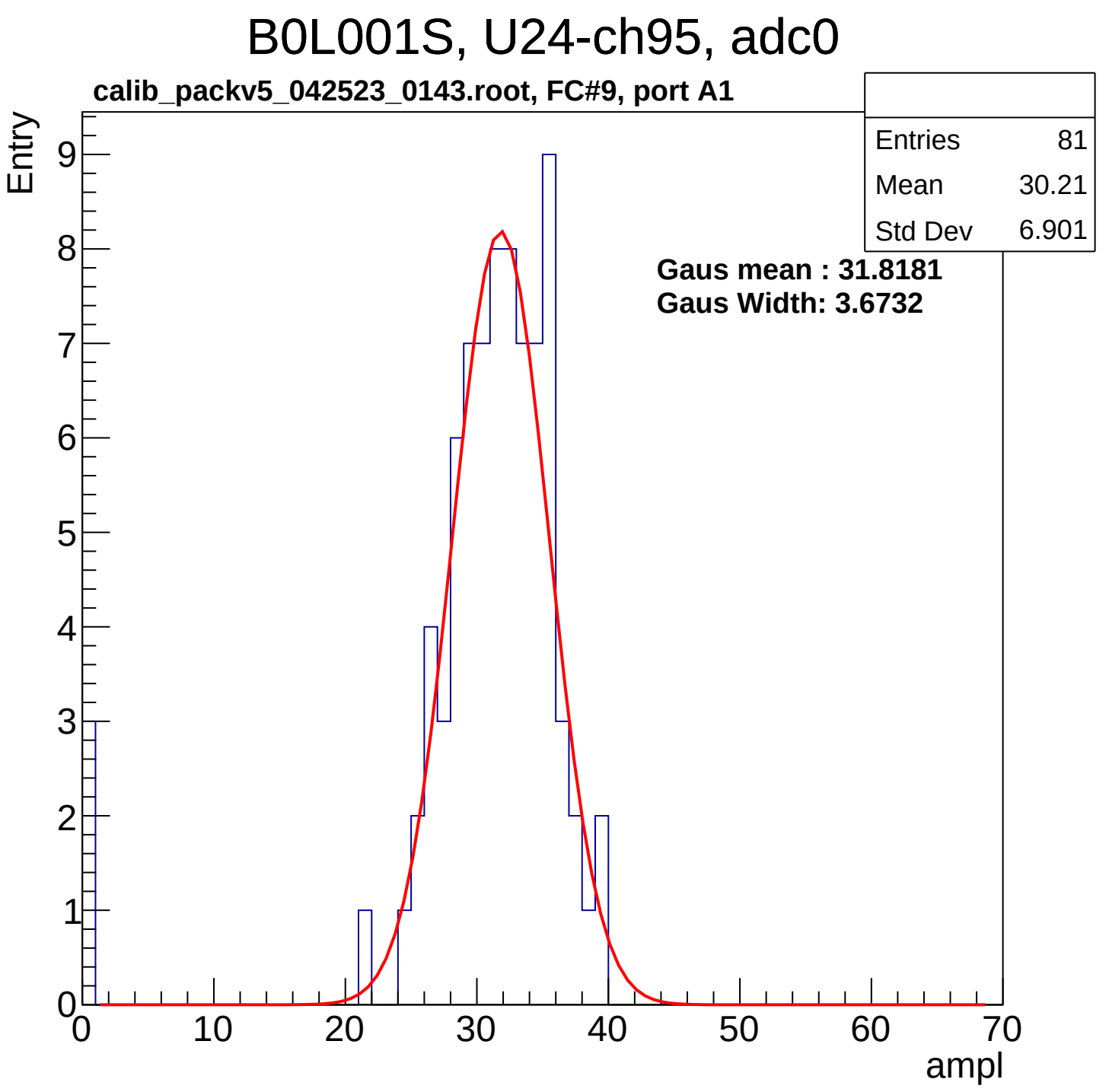
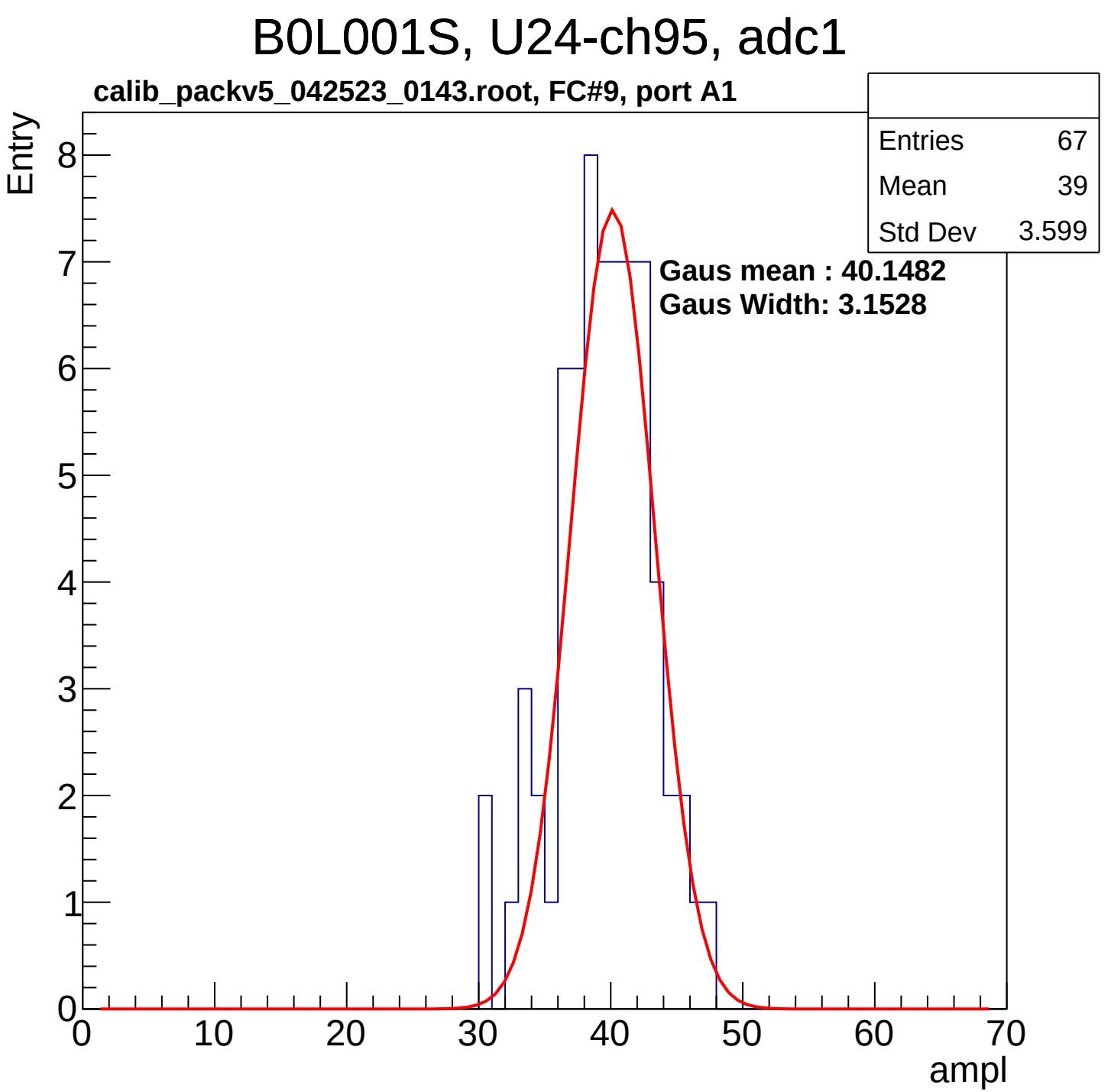
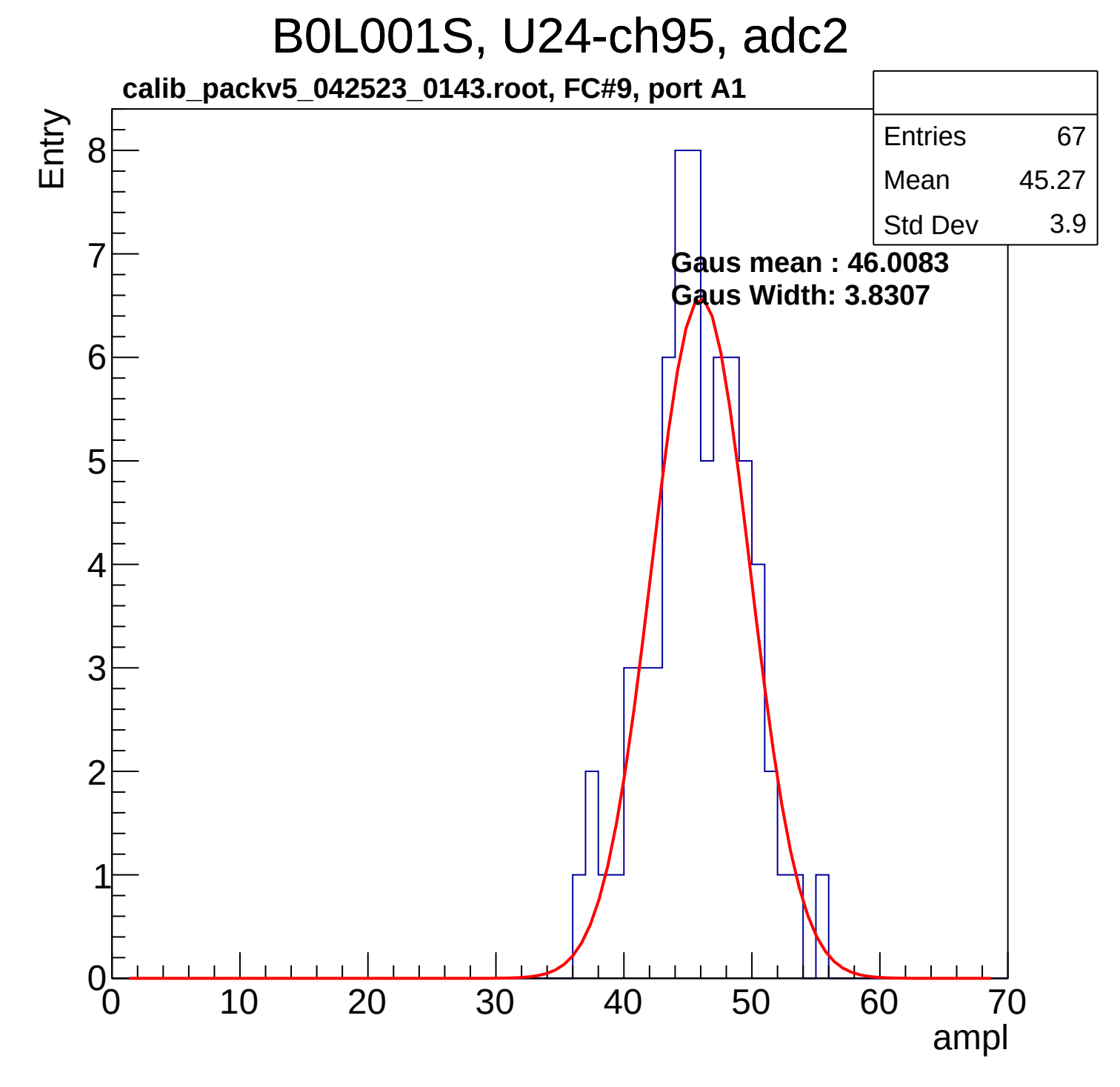
20
30
40
50
60
70


B0L001S, U24-ch94, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 52.33
Std Dev 23.41
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B0L001S, U24-ch94, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch95, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 81
Mean 30.21
Std Dev 6.901
Gaus mean : 31.8181
Gaus Width: 3.6732
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch95, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 39
Std Dev 3.599
Gaus mean : 40.1482
Gaus Width: 3.1528
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch95, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 45.27
Std Dev 3.9
Gaus mean : 46.0083
Gaus Width: 3.8307
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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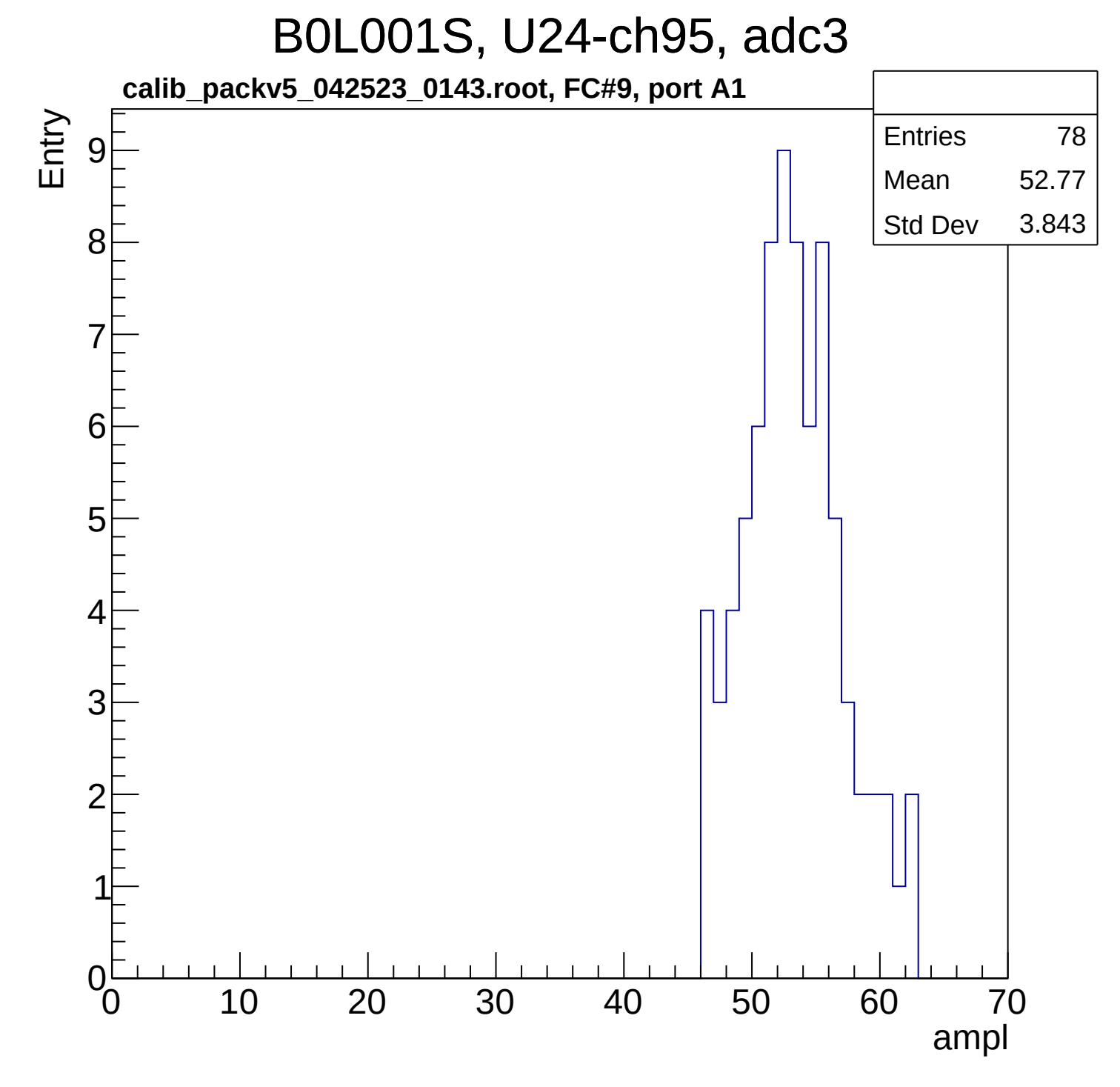
40
50
60
70


B0L001S, U24-ch95, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 52.77
Std Dev 3.843
Entry
ampl
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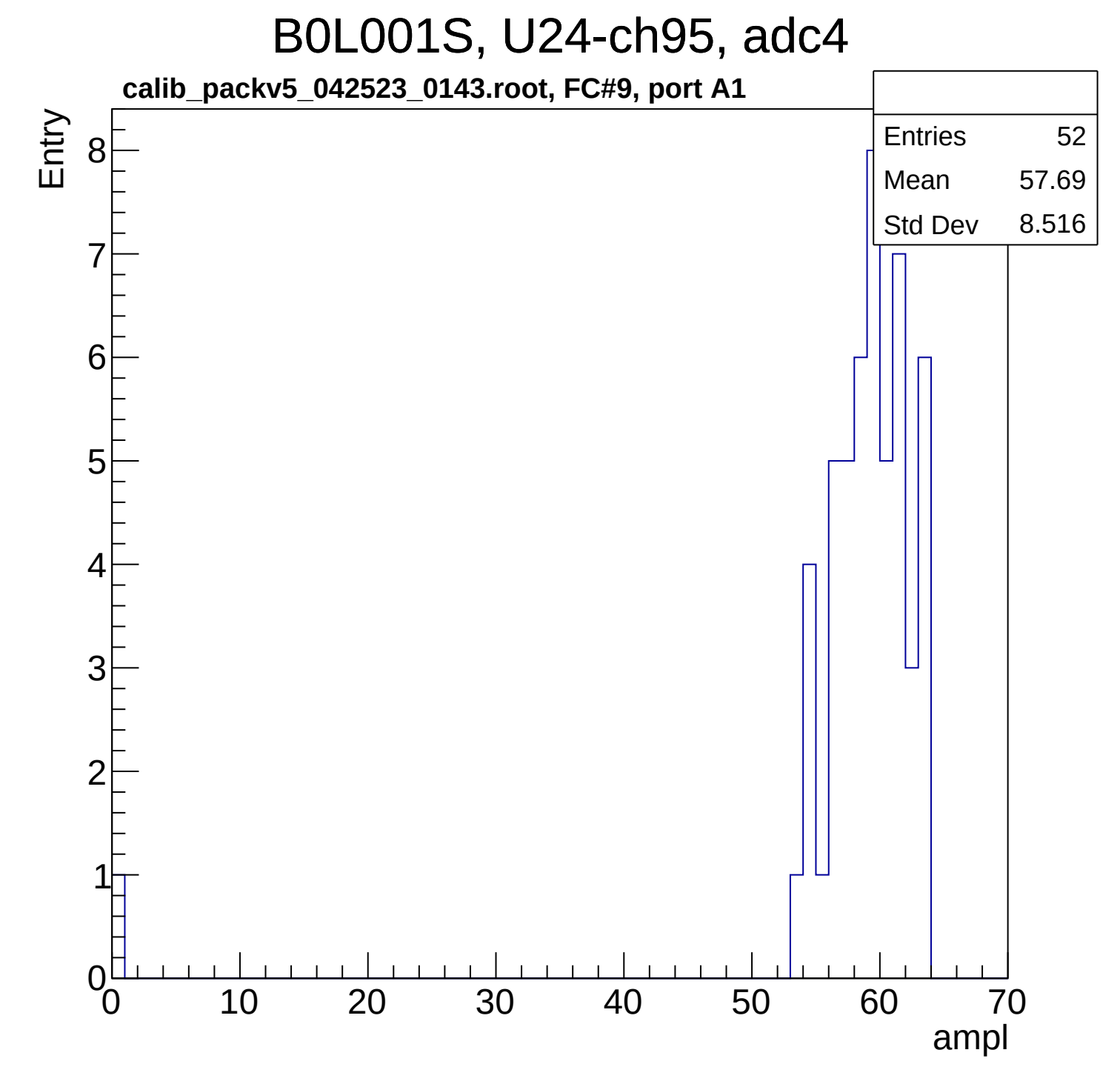
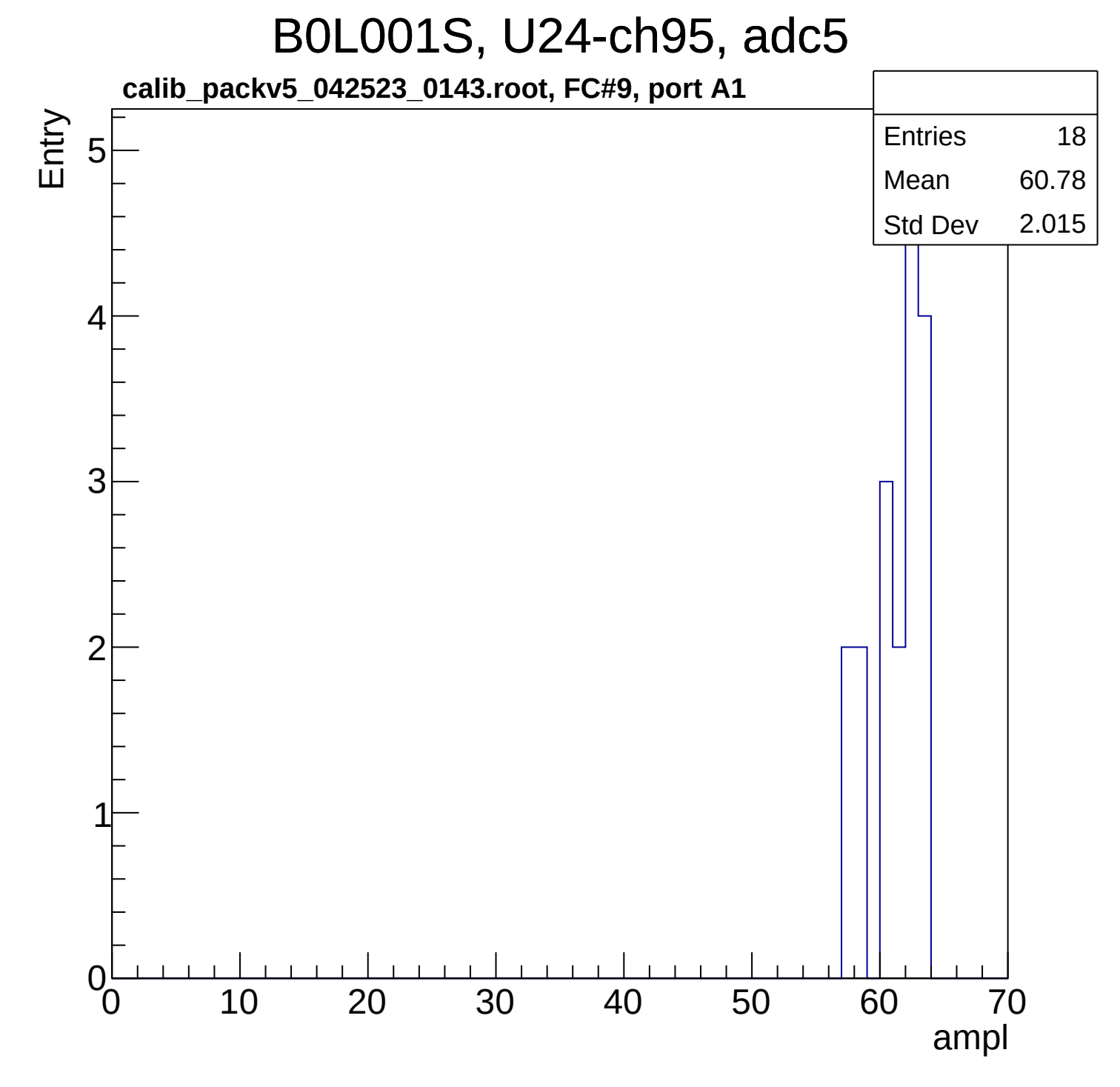
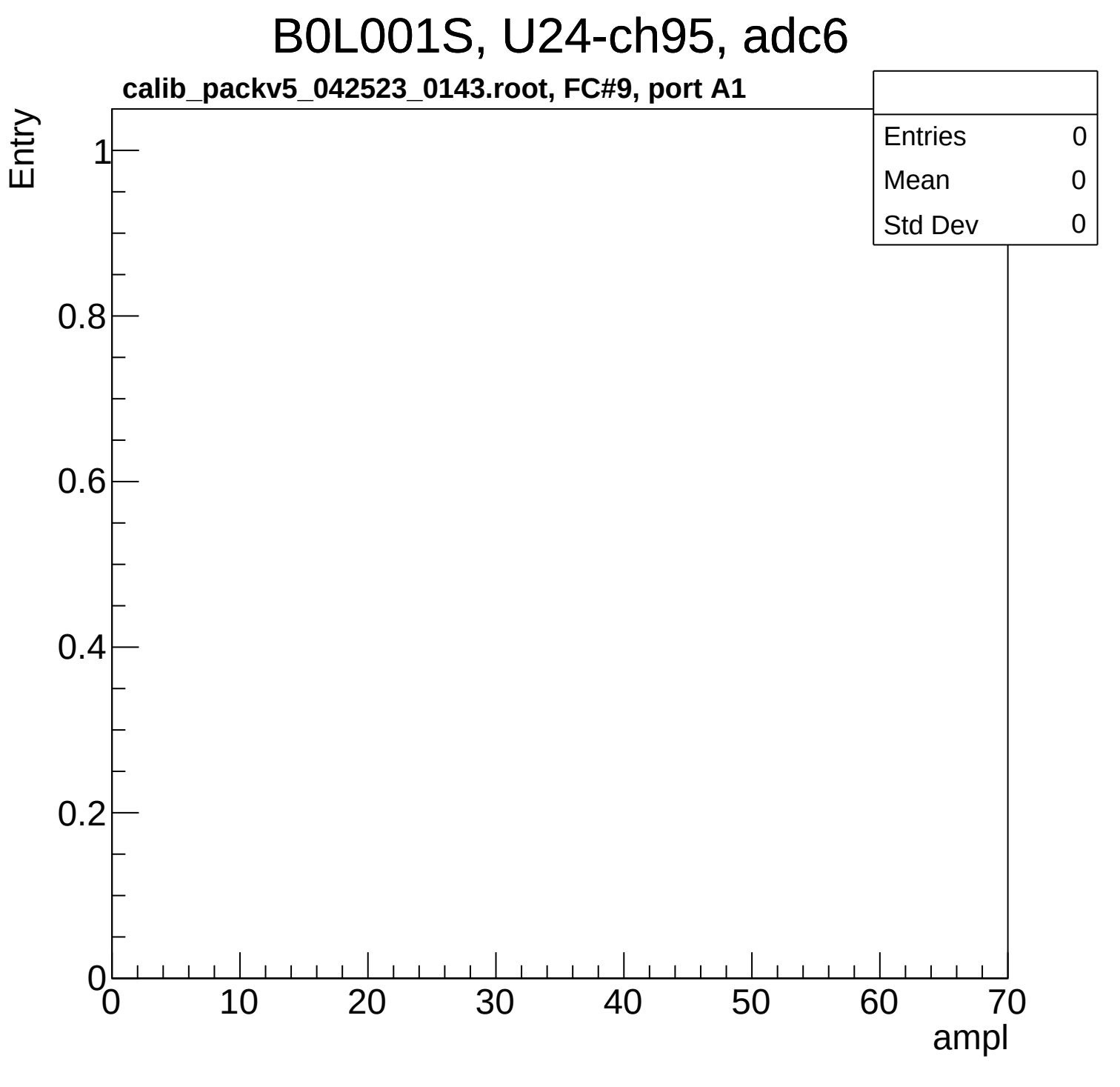
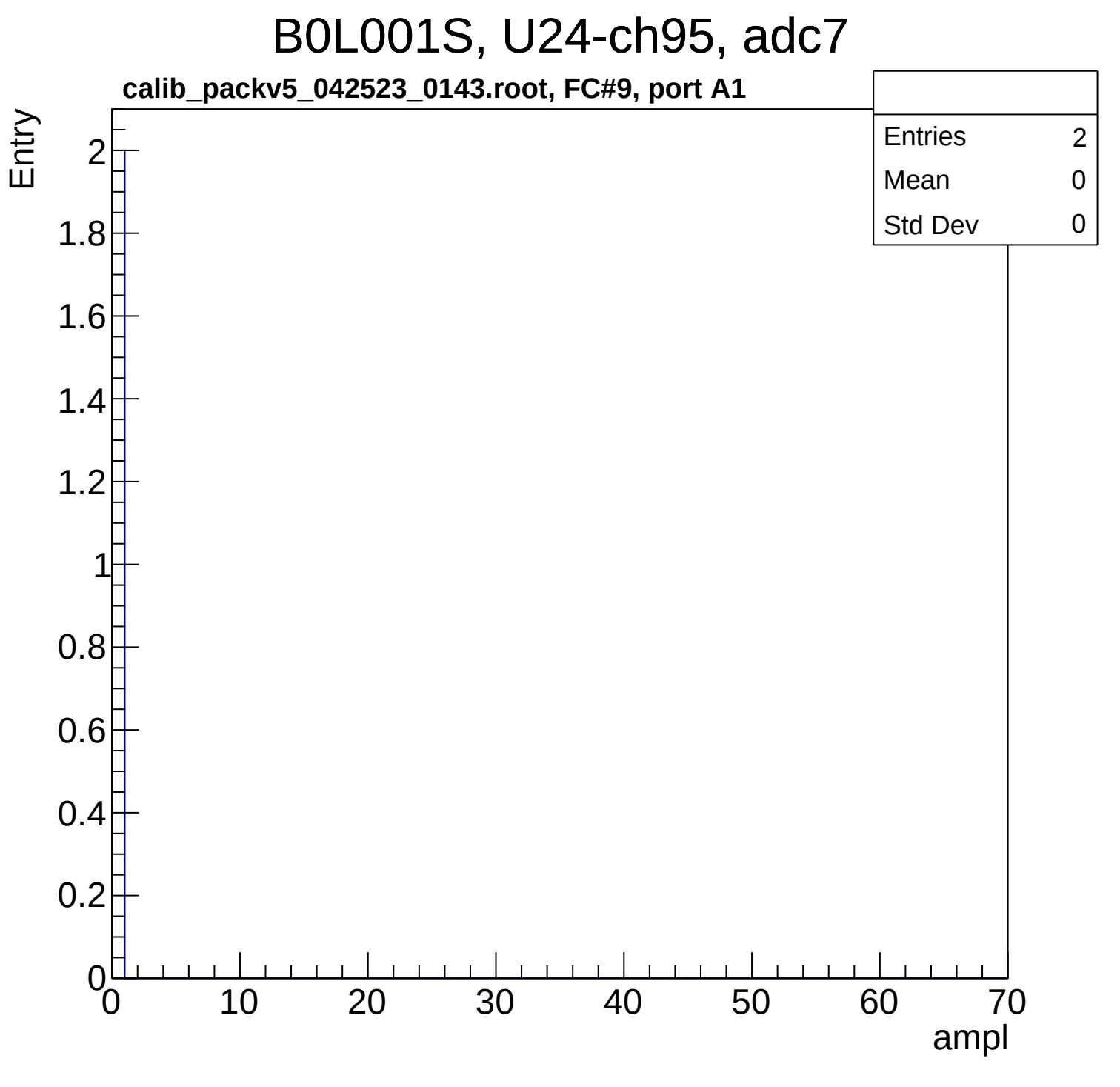
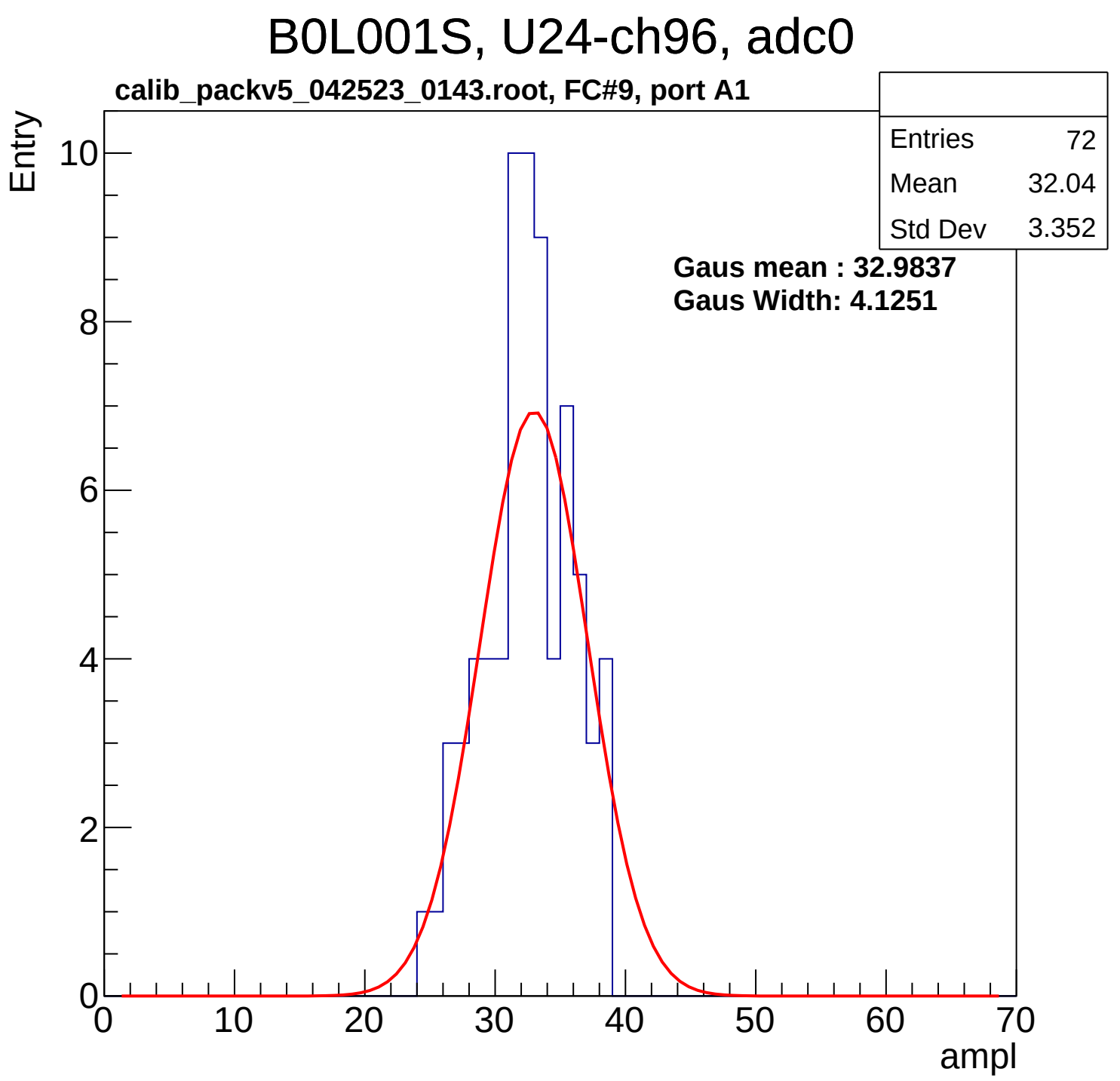
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

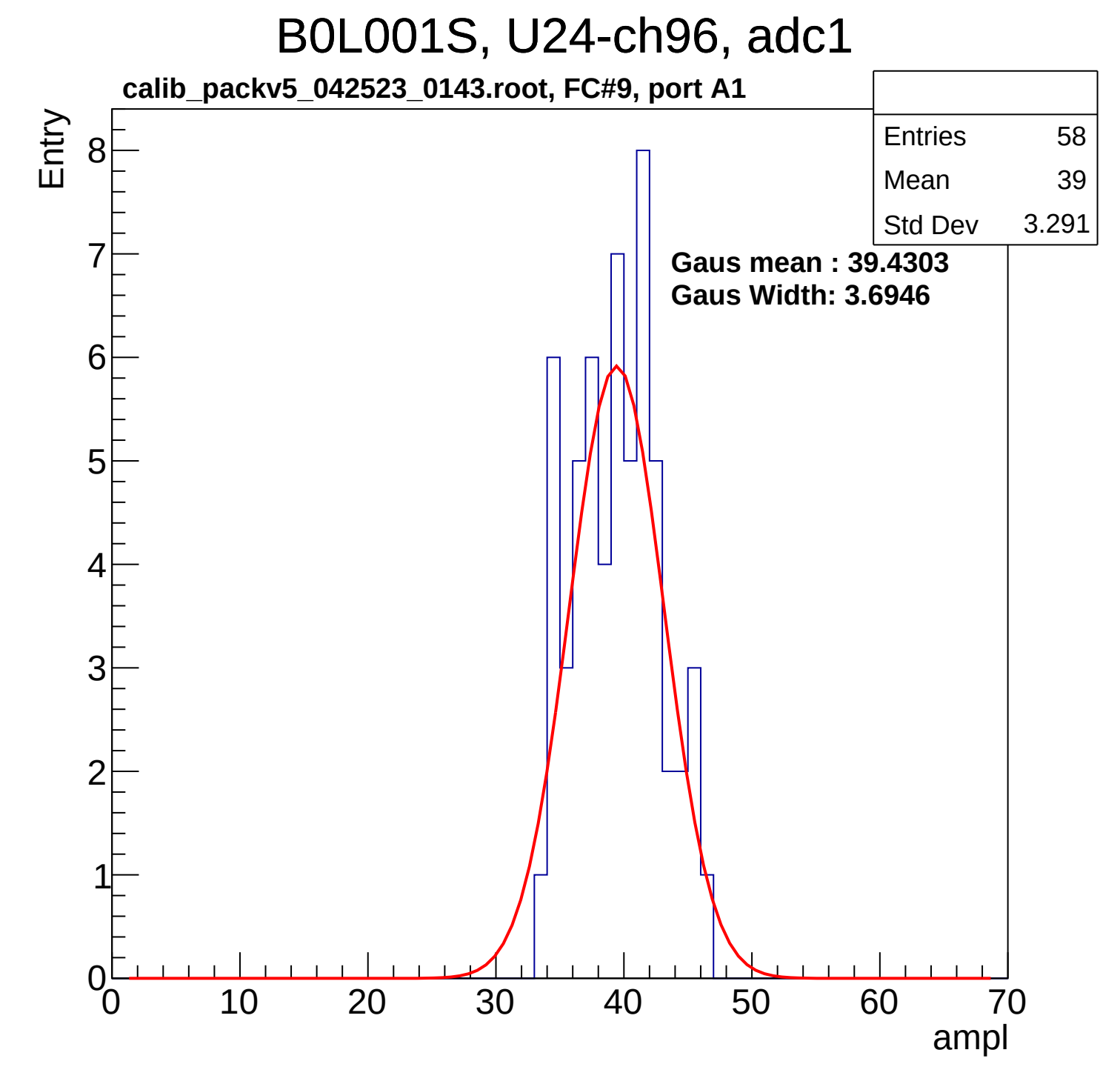

B0L001S, U24-ch95, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 57.69
Std Dev 8.516
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch95, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 18
Mean 60.78
Std Dev 2.015
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch95, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch95, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch96, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 32.04
Std Dev 3.352
Gaus mean : 32.9837
Gaus Width: 4.1251
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch96, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 39
Std Dev 3.291
Gaus mean : 39.4303
Gaus Width: 3.6946
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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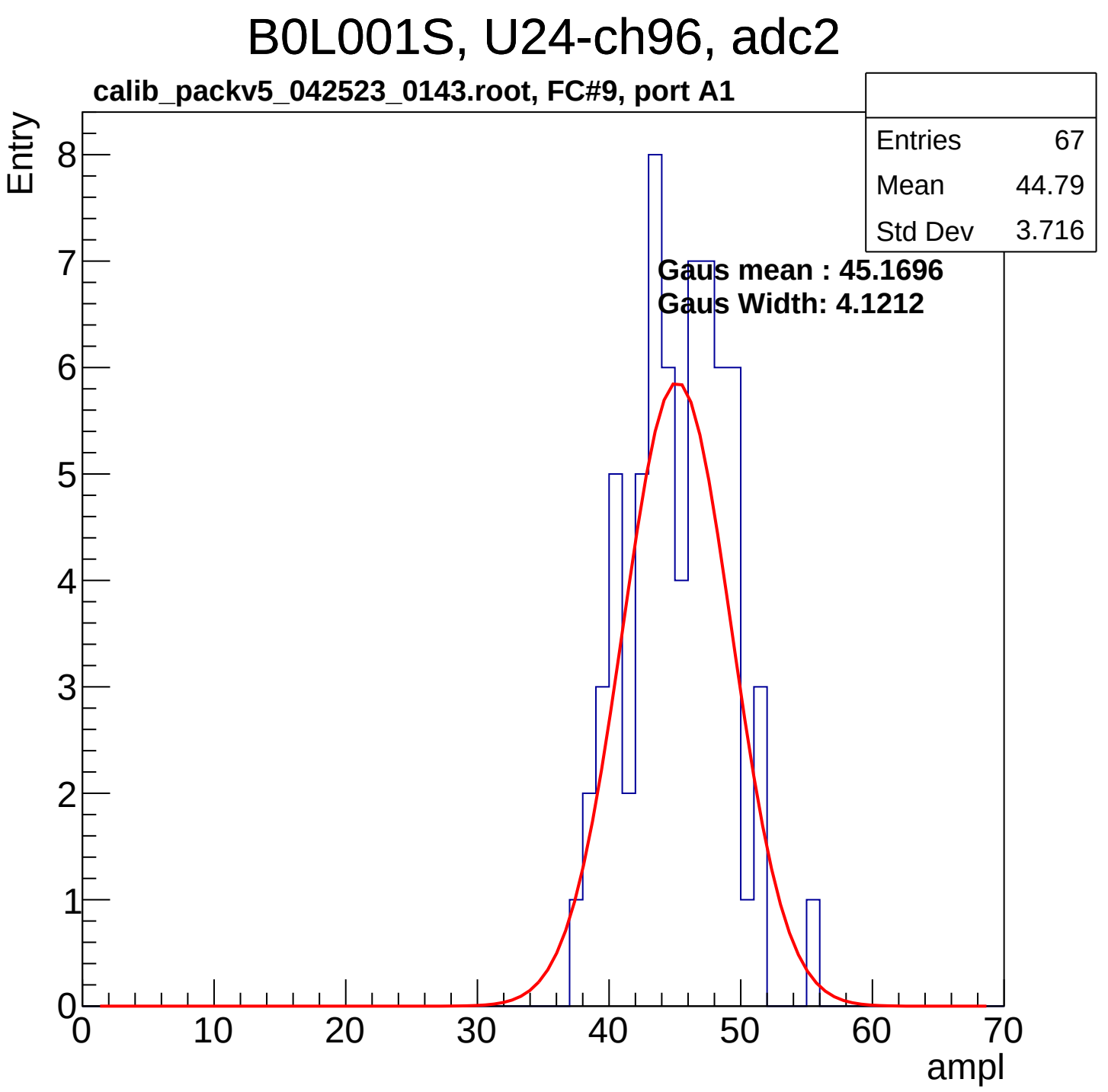
B0L001S, U24-ch96, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 44.79
Std Dev 3.716
Gaus mean : 45.1696
Gaus Width: 4.1212
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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60
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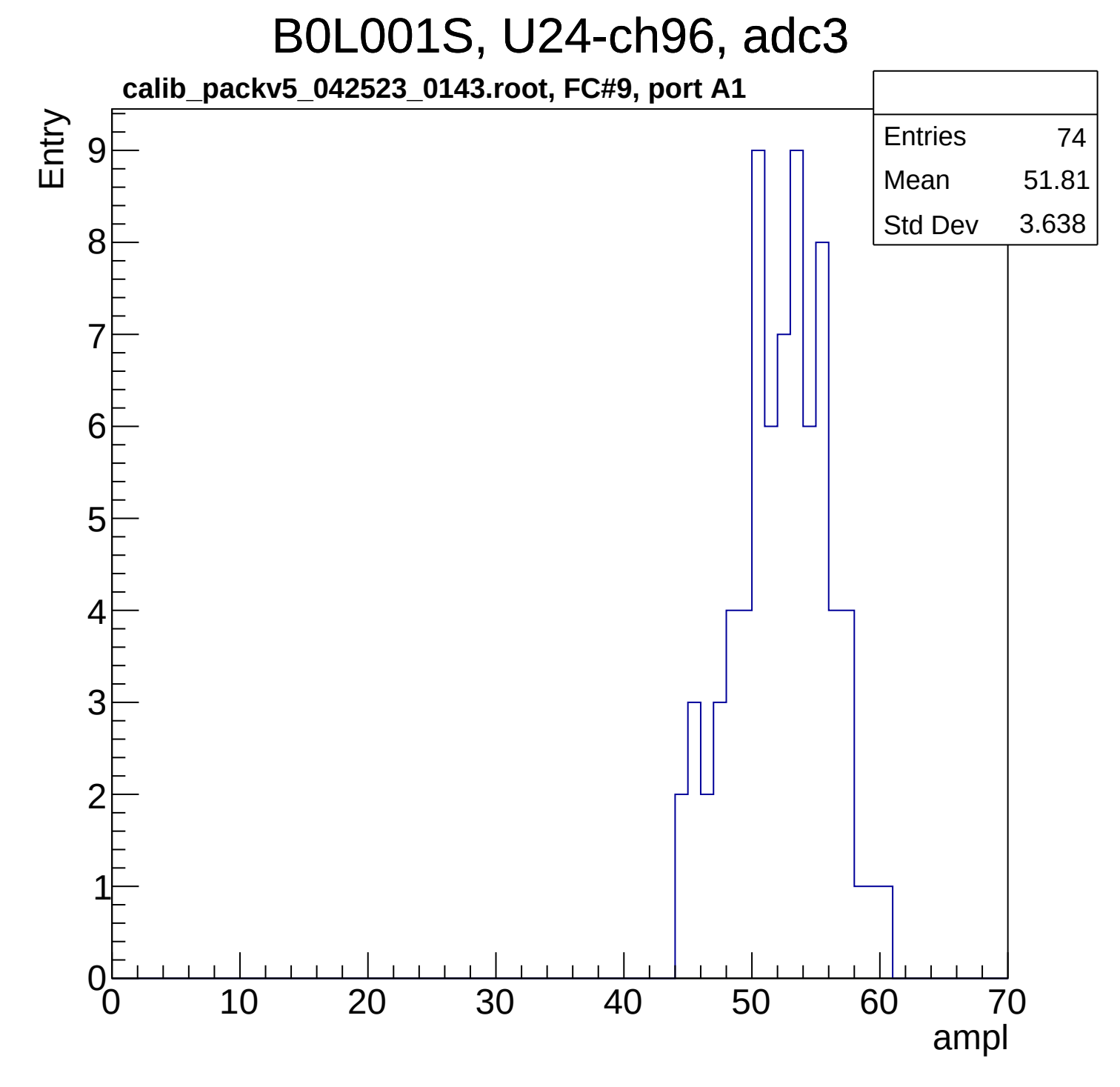
B0L001S, U24-ch96, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 51.81
Std Dev 3.638
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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40
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60
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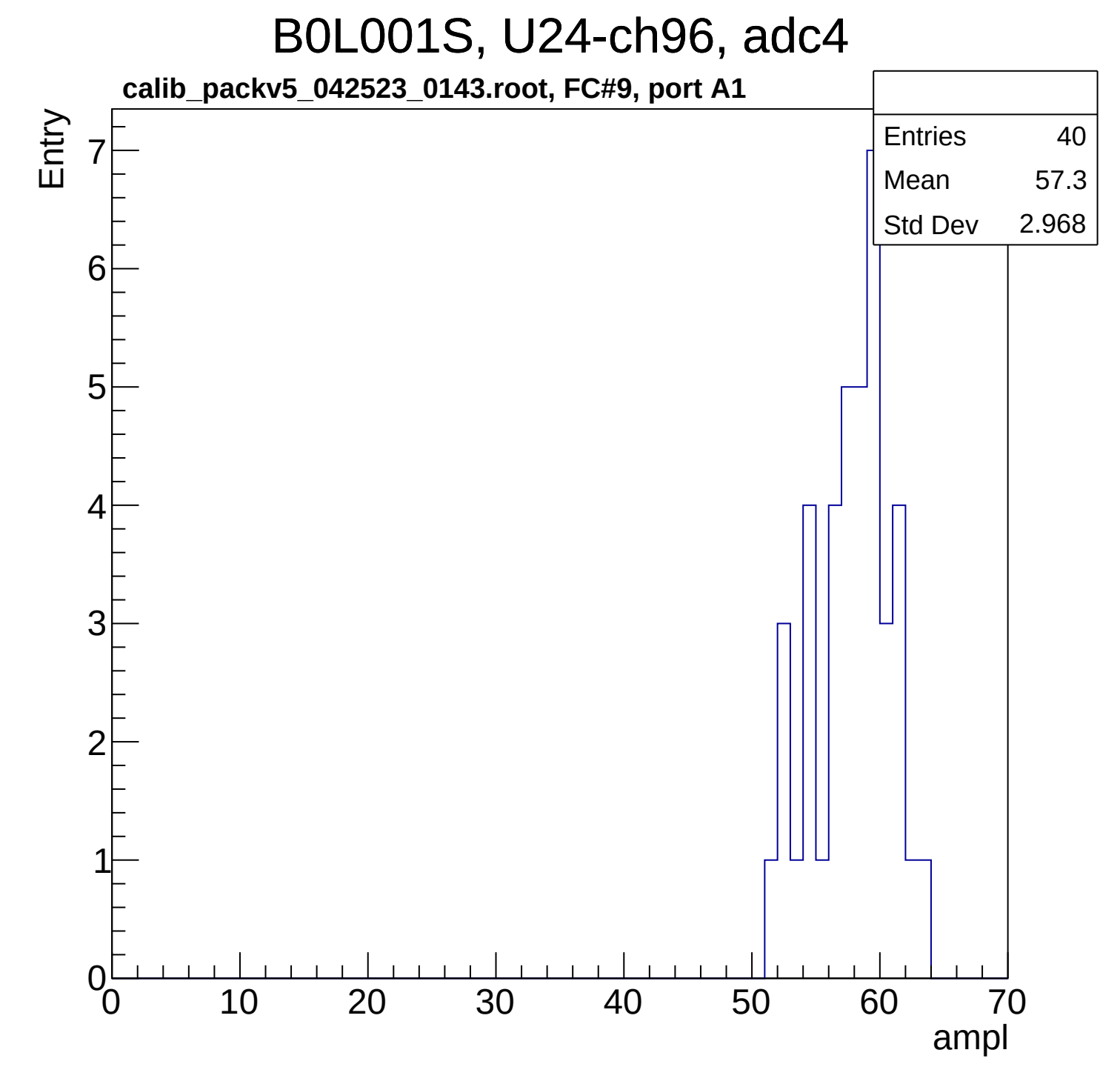
B0L001S, U24-ch96, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 57.3
Std Dev 2.968
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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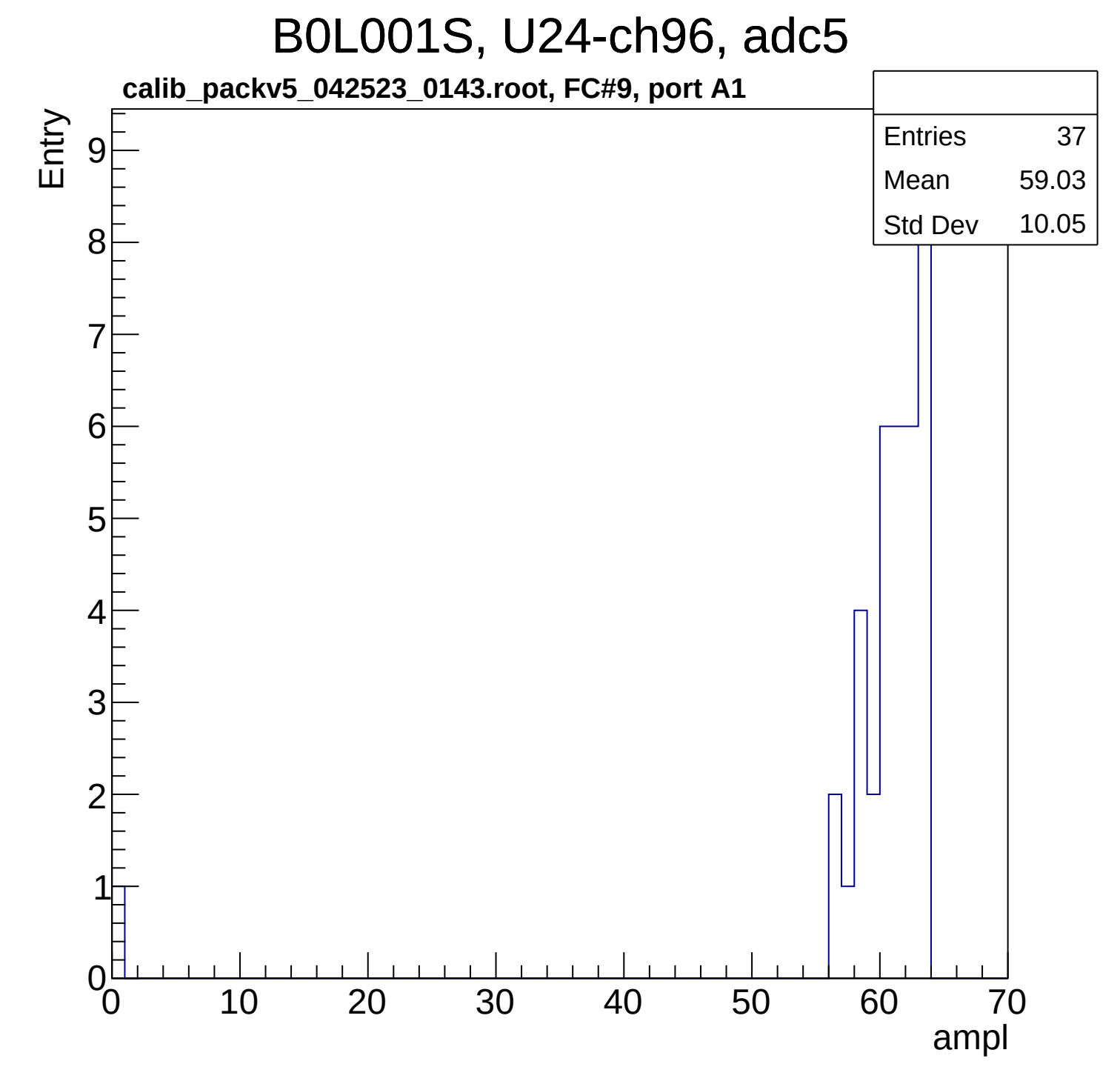
B0L001S, U24-ch96, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 59.03
Std Dev 10.05
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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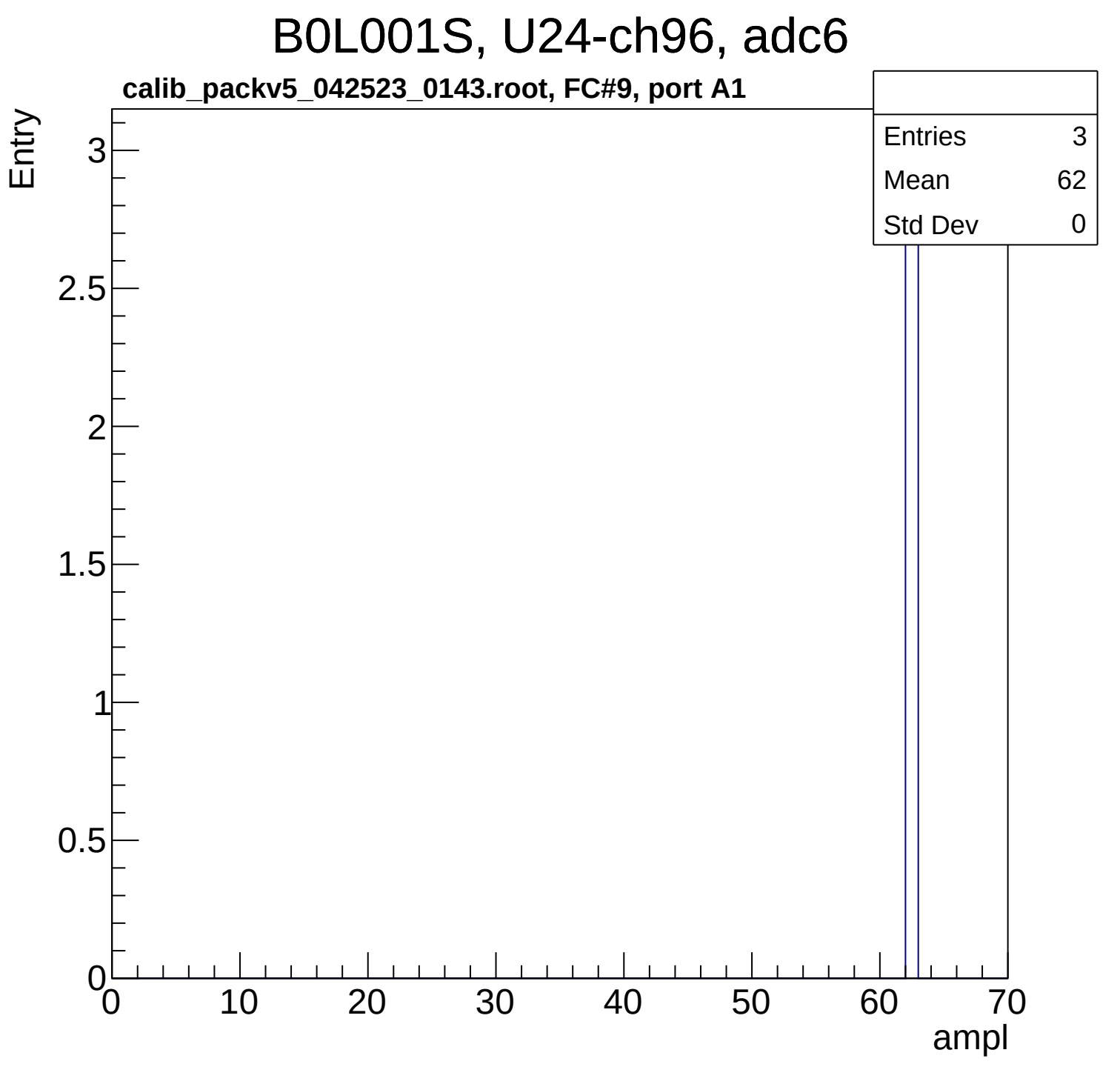
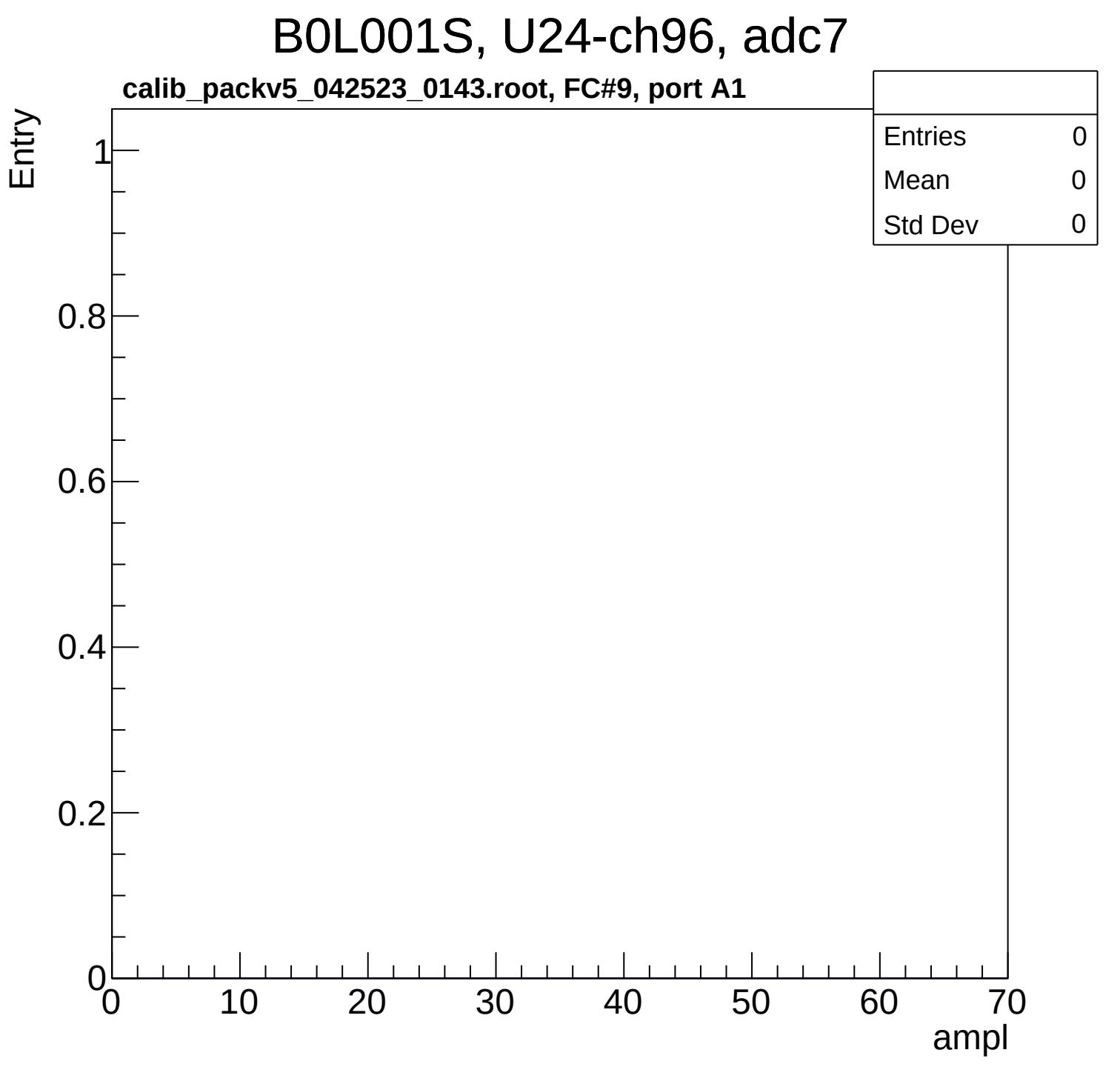
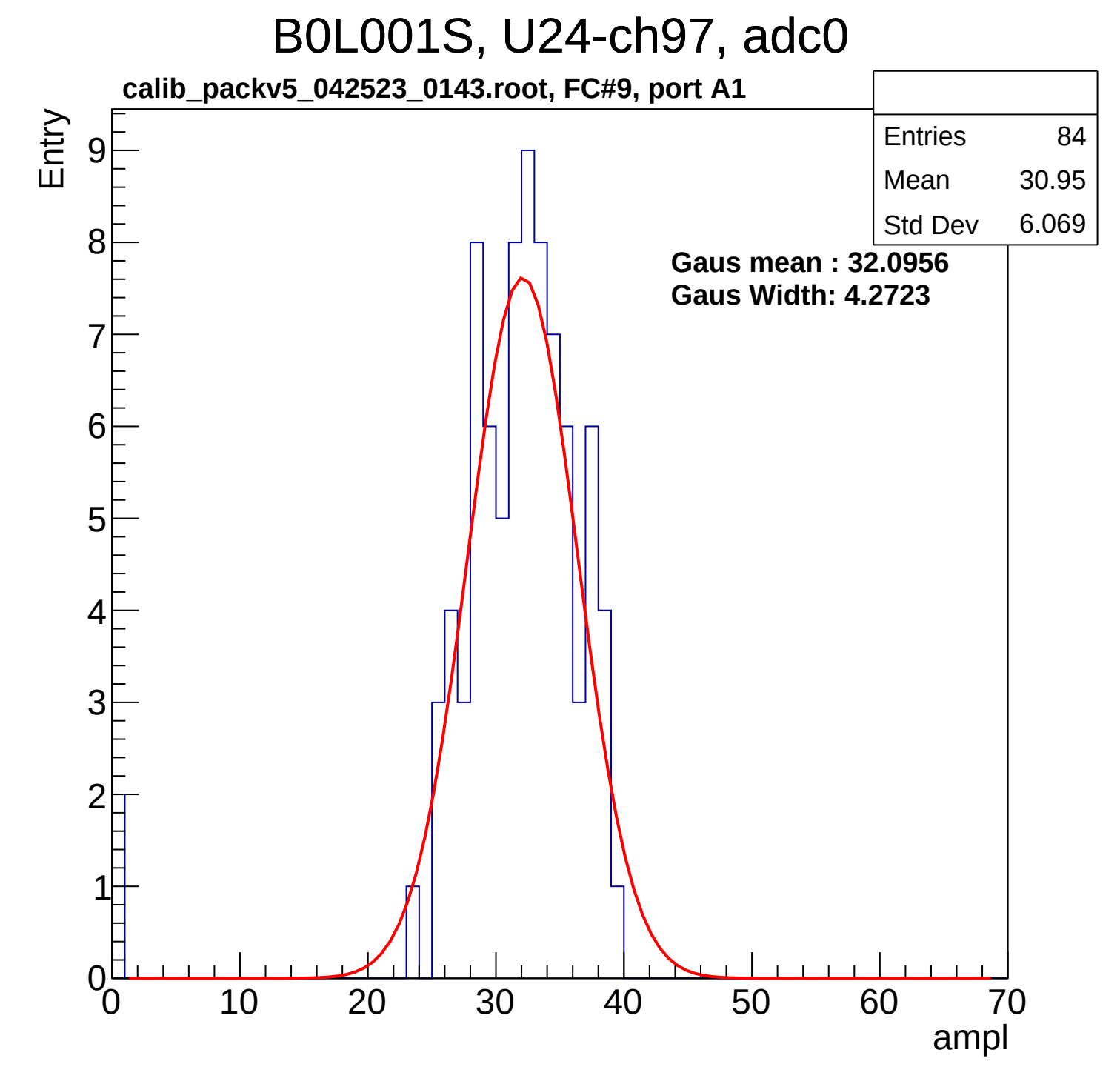

B0L001S, U24-ch96, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch96, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch97, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 84
Mean 30.95
Std Dev 6.069
Gaus mean : 32.0956
Gaus Width: 4.2723
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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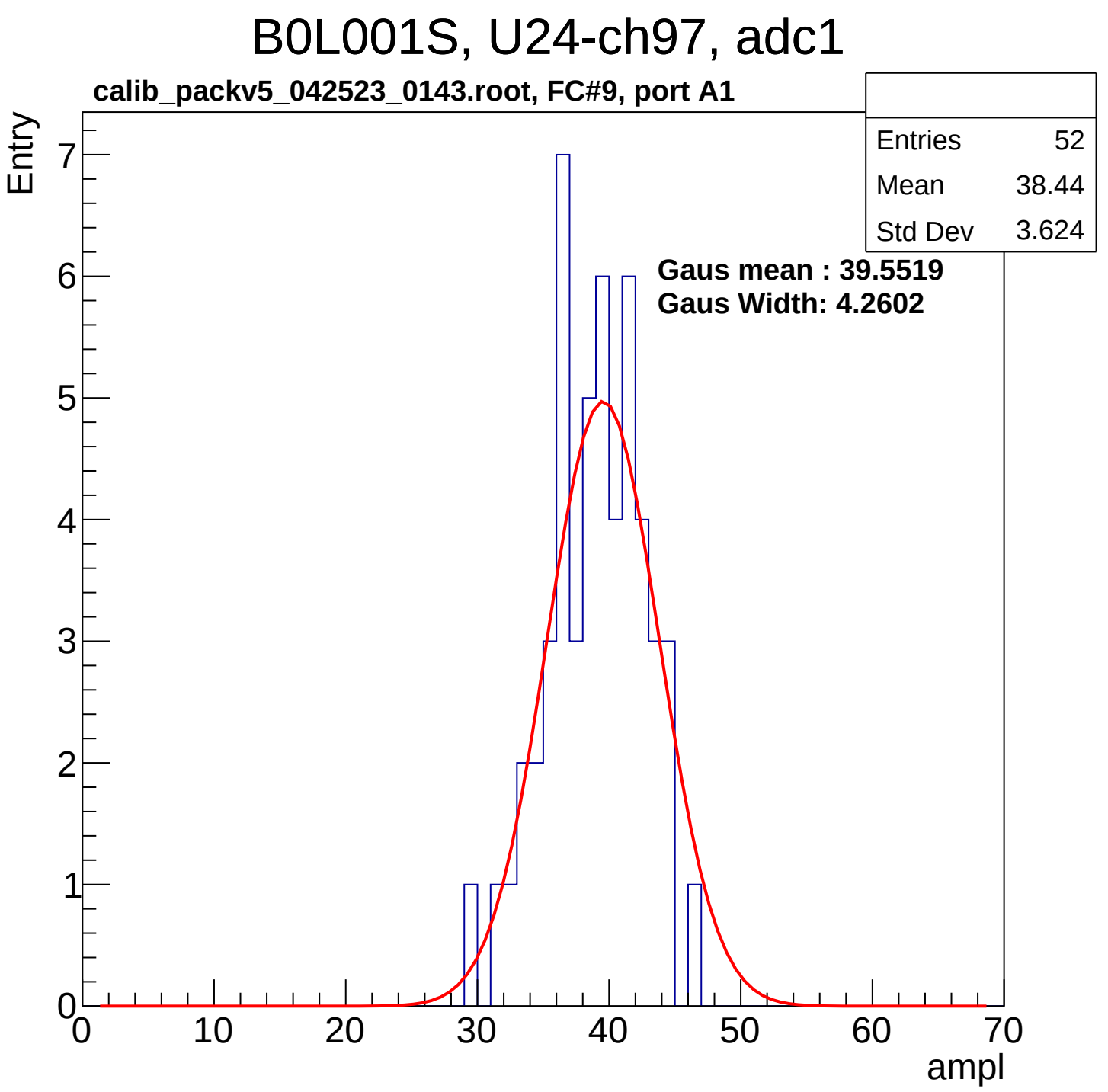
B0L001S, U24-ch97, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 38.44
Std Dev 3.624
Gaus mean : 39.5519
Gaus Width: 4.2602
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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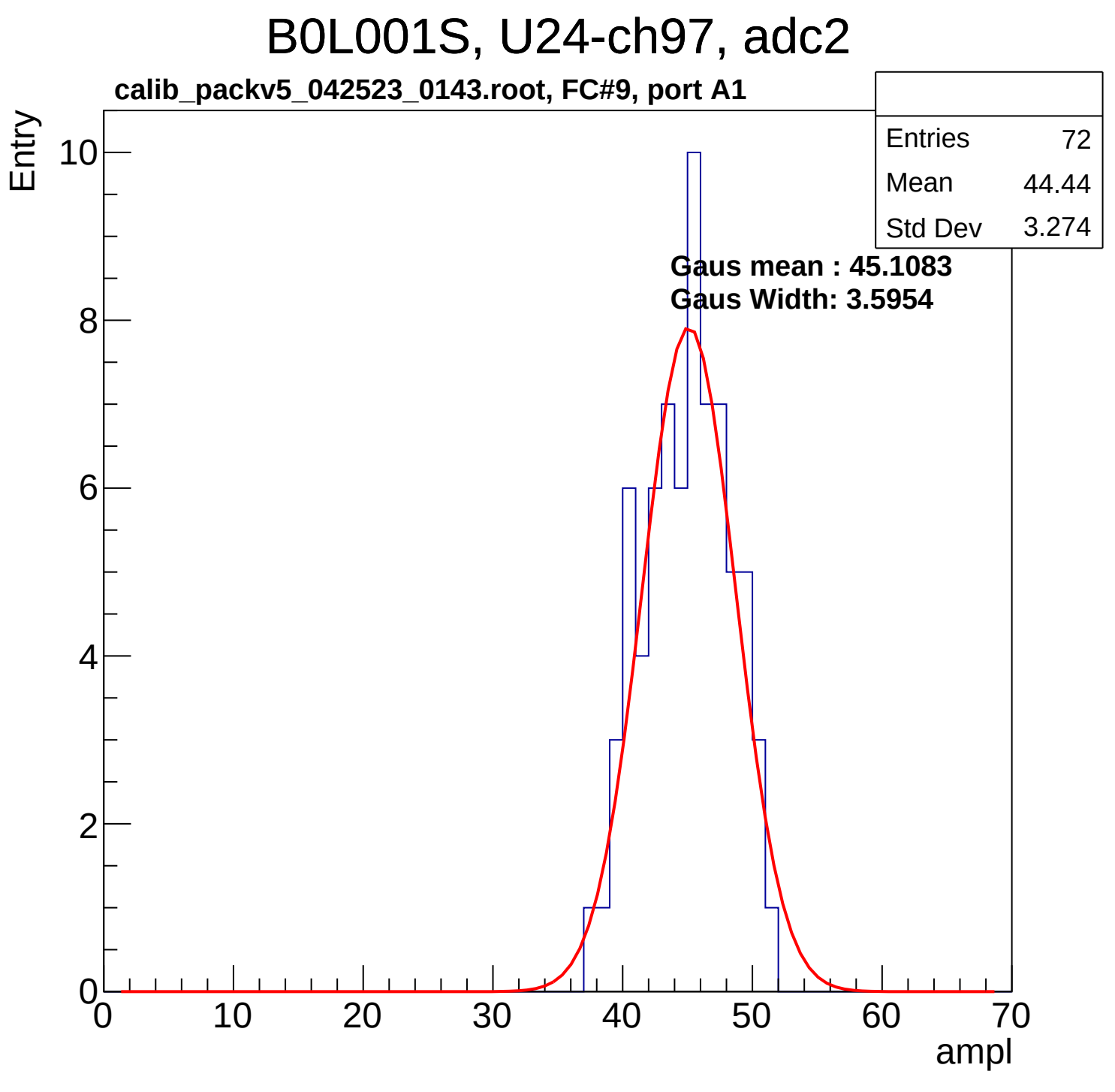
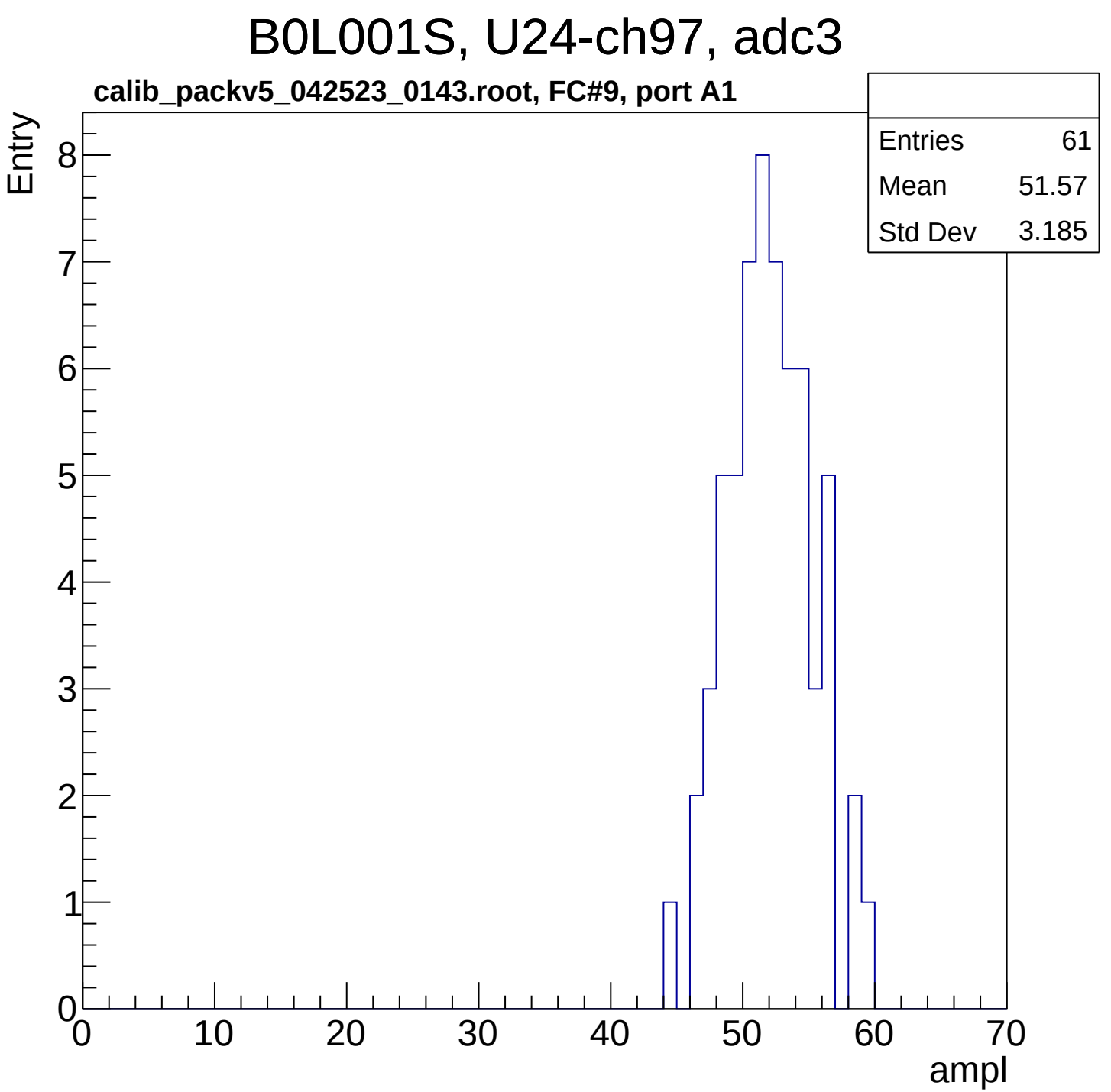
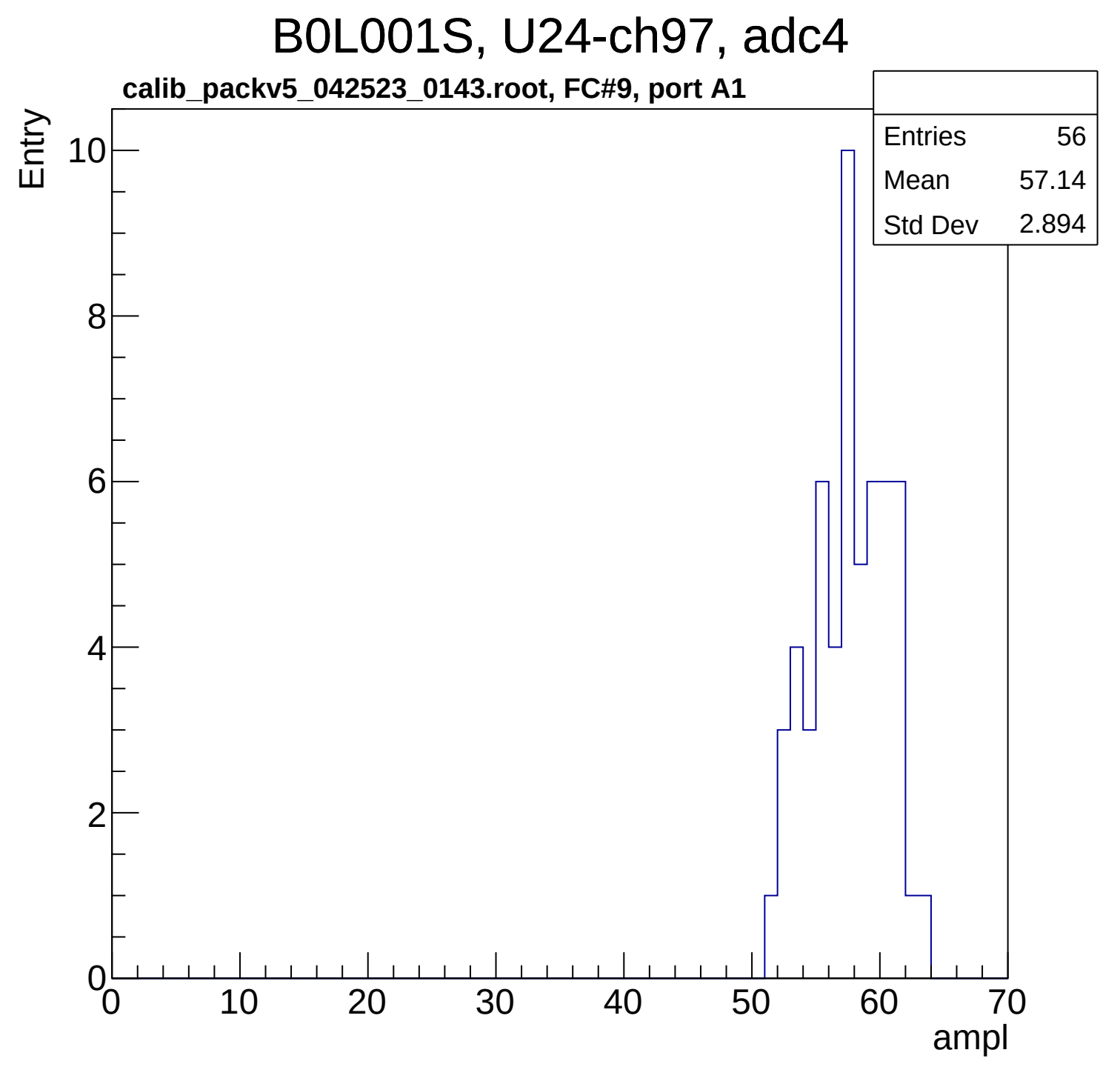
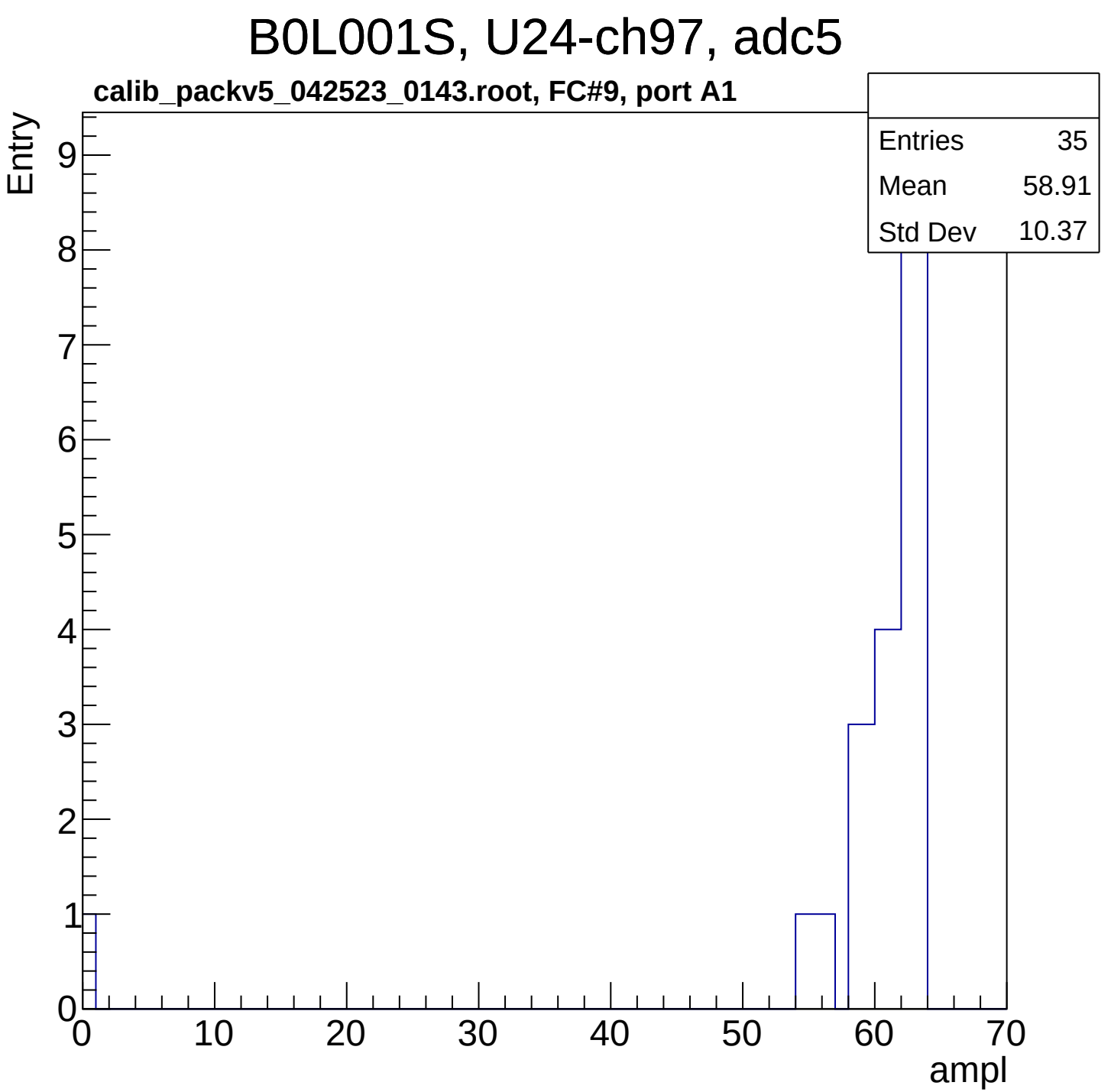

B0L001S, U24-ch97, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 44.44
Std Dev 3.274
Gaus mean : 45.1083
Gaus Width: 3.5954
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch97, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 51.57
Std Dev 3.185
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch97, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 57.14
Std Dev 2.894
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch97, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 35
Mean 58.91
Std Dev 10.37
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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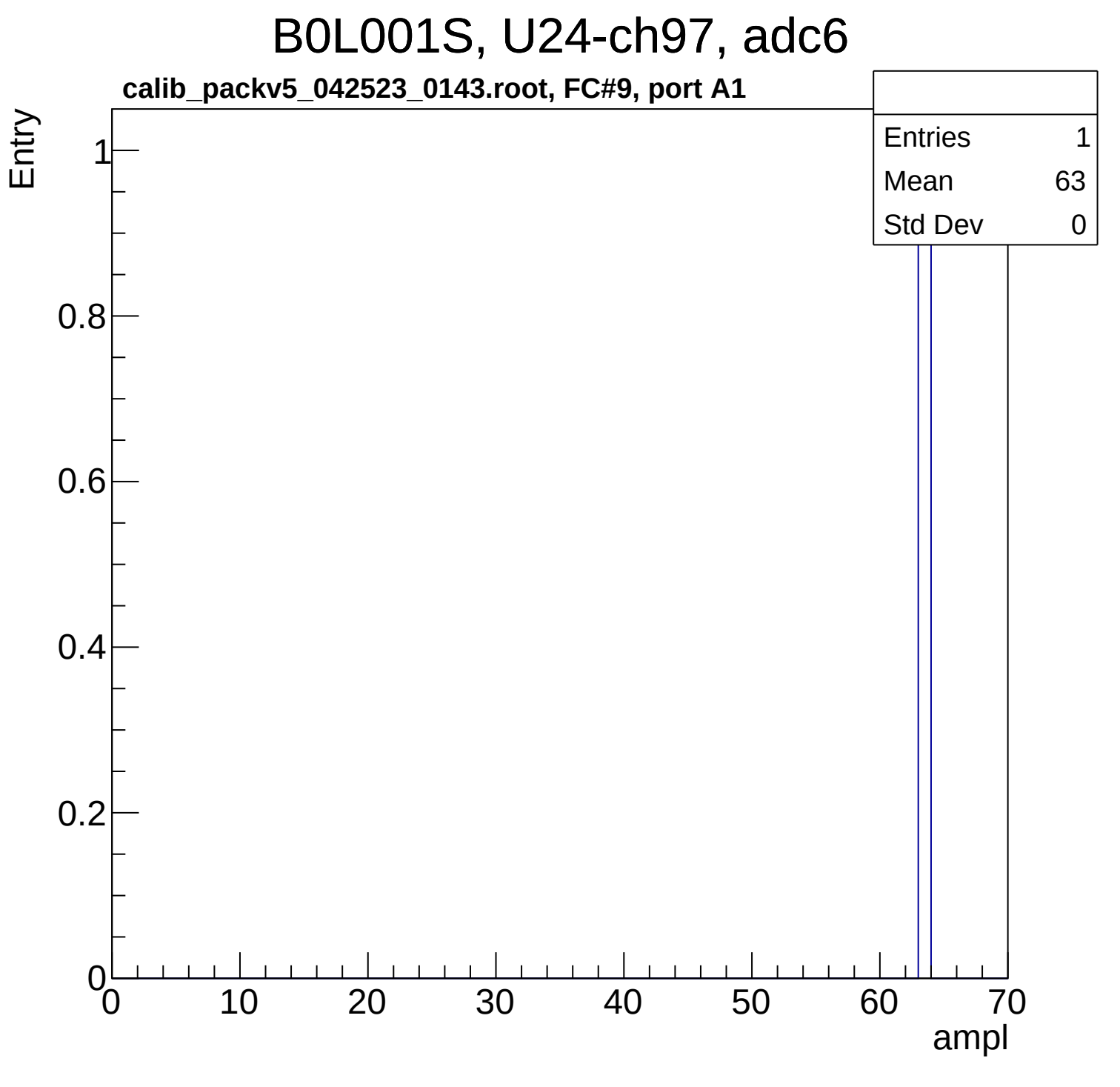
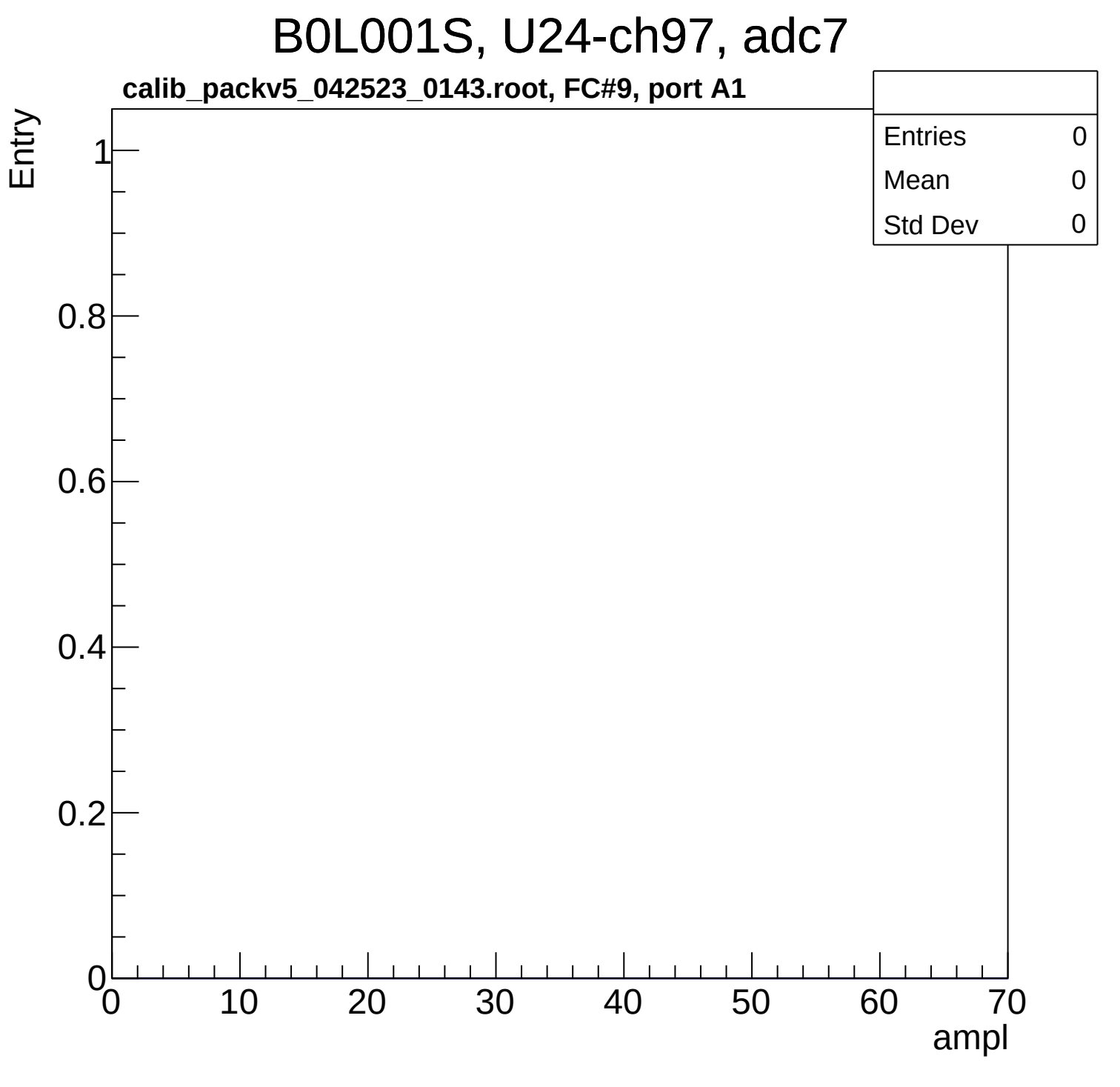
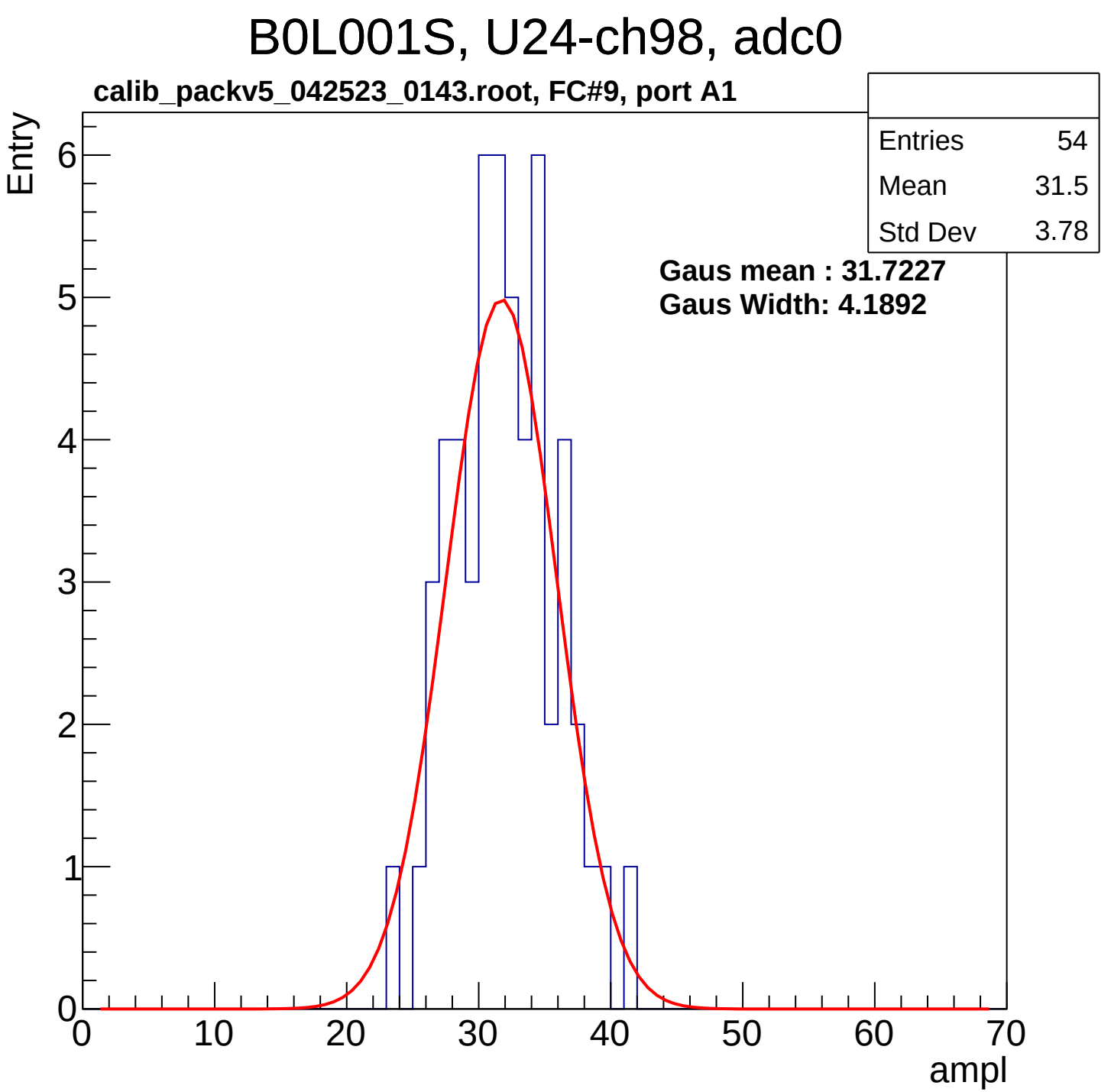
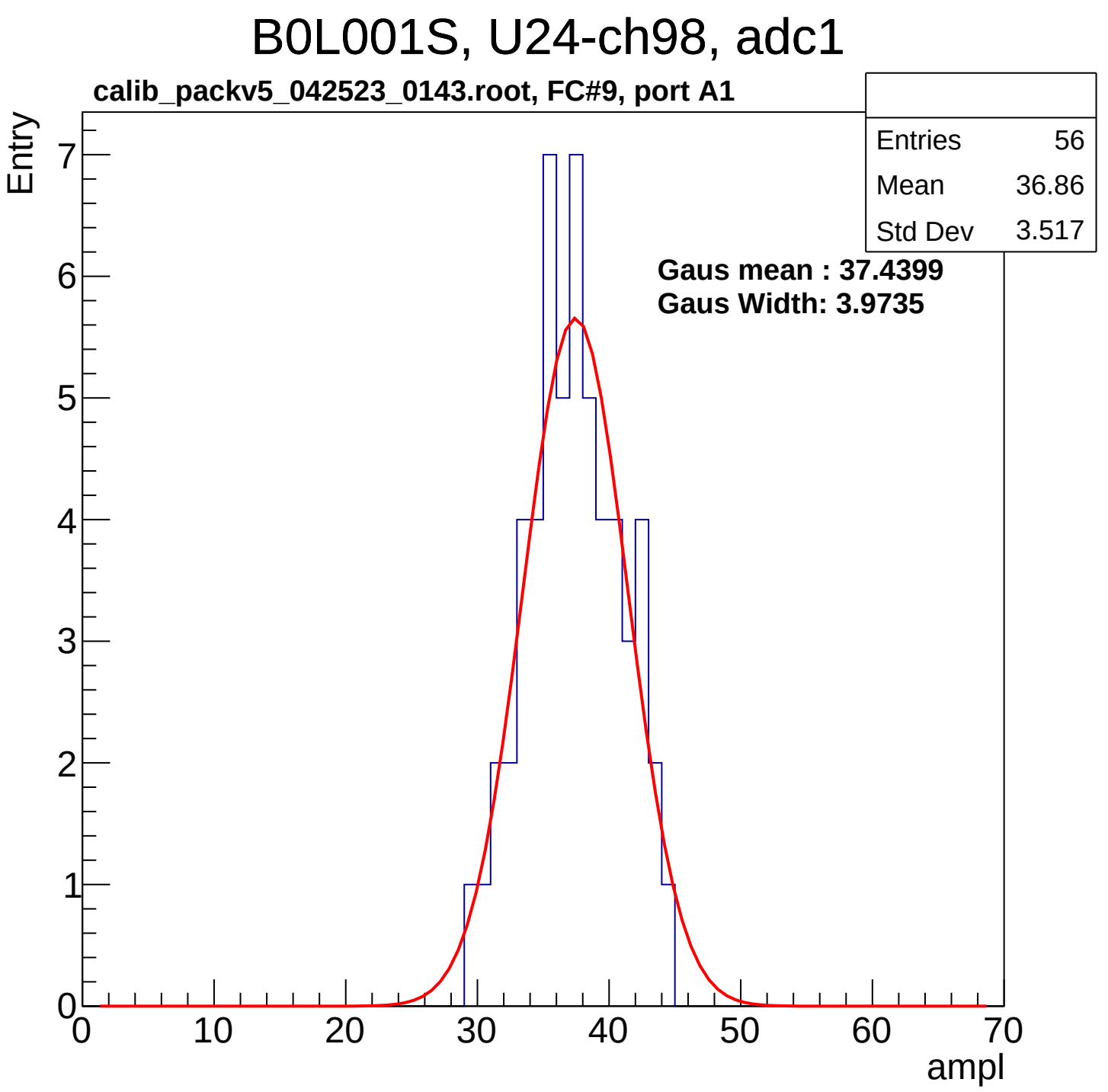
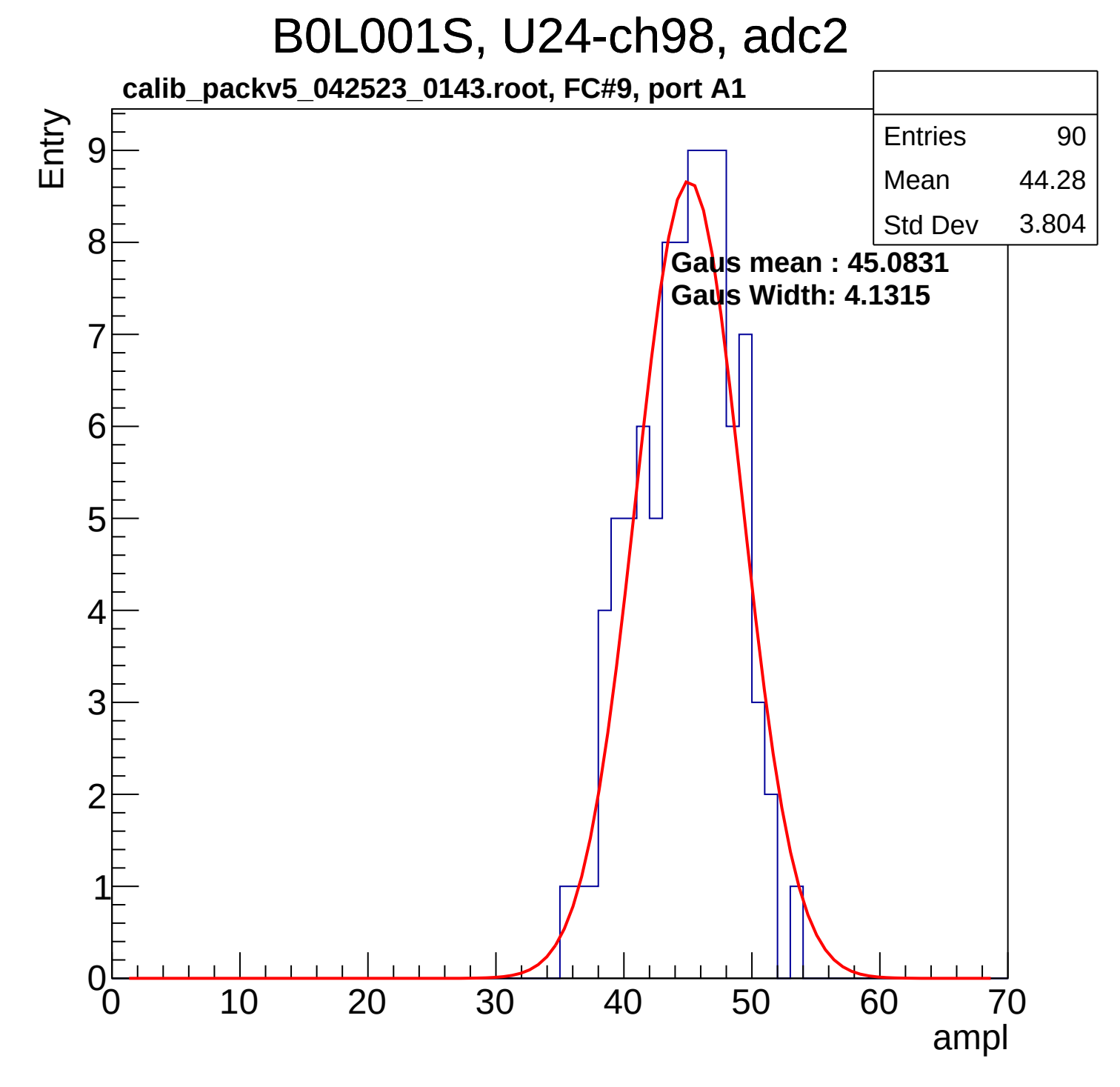
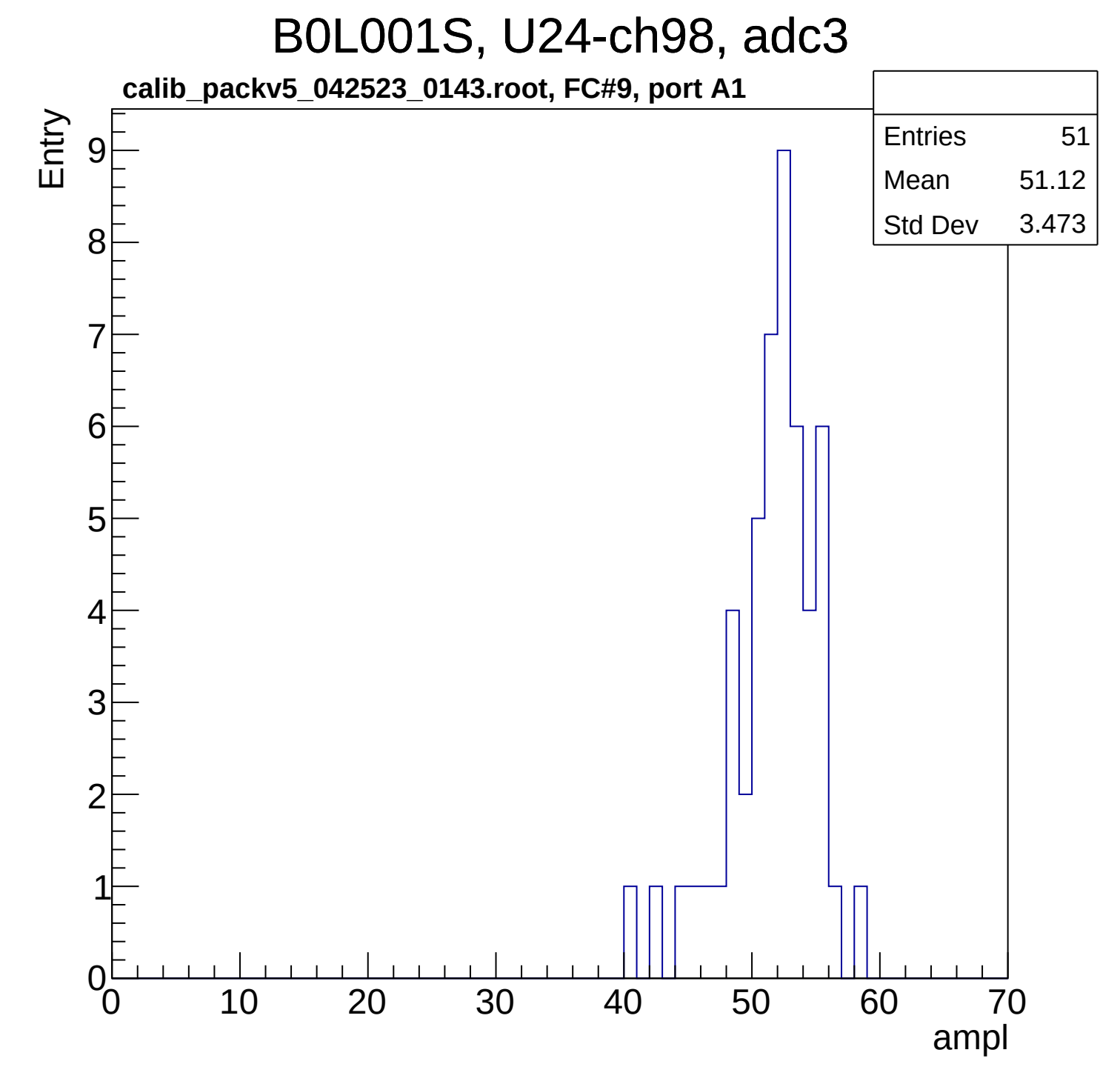

B0L001S, U24-ch97, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

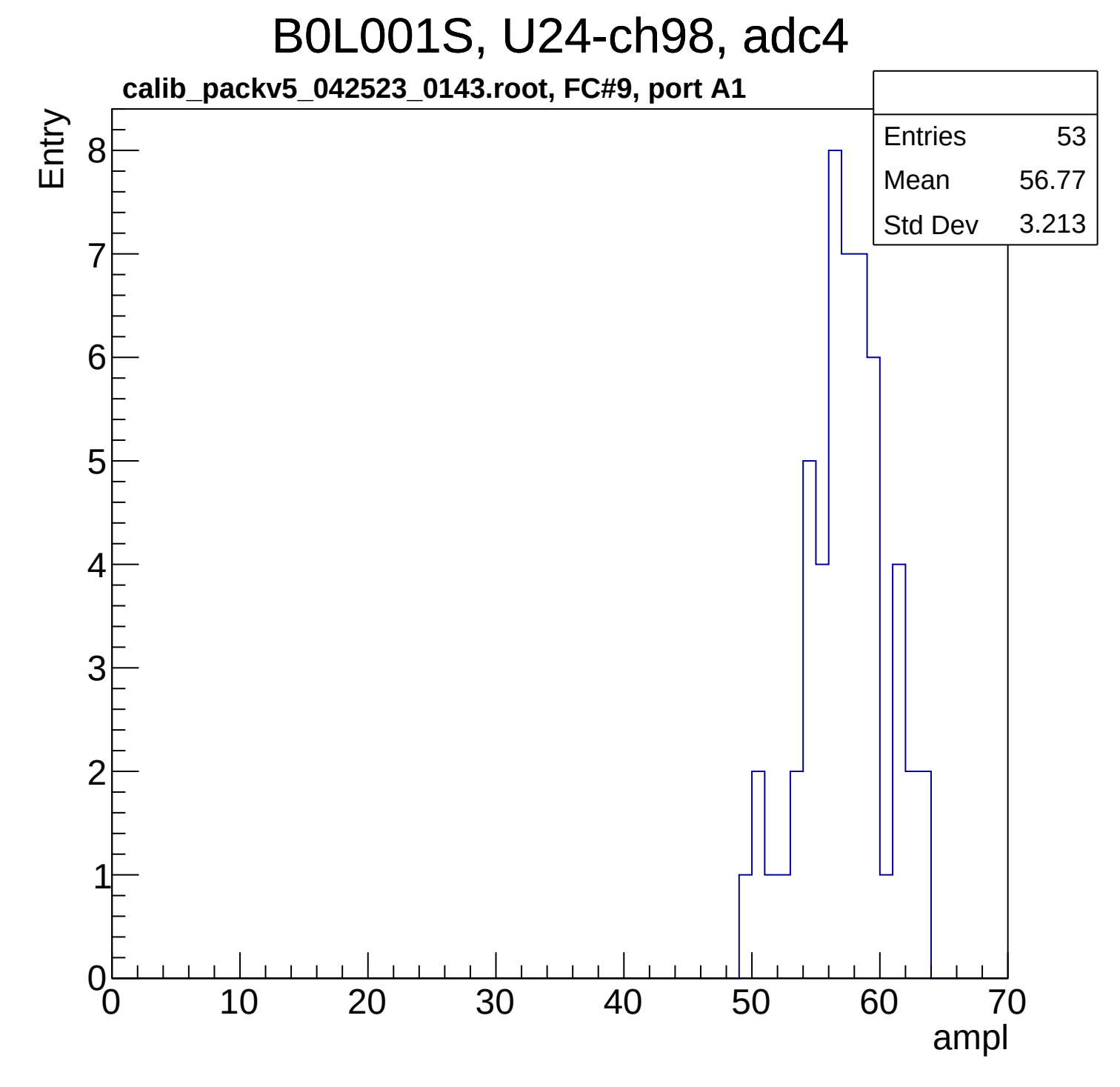

B0L001S, U24-ch97, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch98, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 31.5
Std Dev 3.78
Gaus mean : 31.7227
Gaus Width: 4.1892
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B0L001S, U24-ch98, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 36.86
Std Dev 3.517
Gaus mean : 37.4399
Gaus Width: 3.9735
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch98, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 90
Mean 44.28
Std Dev 3.804
Gaus mean : 45.0831
Gaus Width: 4.1315
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch98, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 51.12
Std Dev 3.473
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch98, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 56.77
Std Dev 3.213
Entry
ampl
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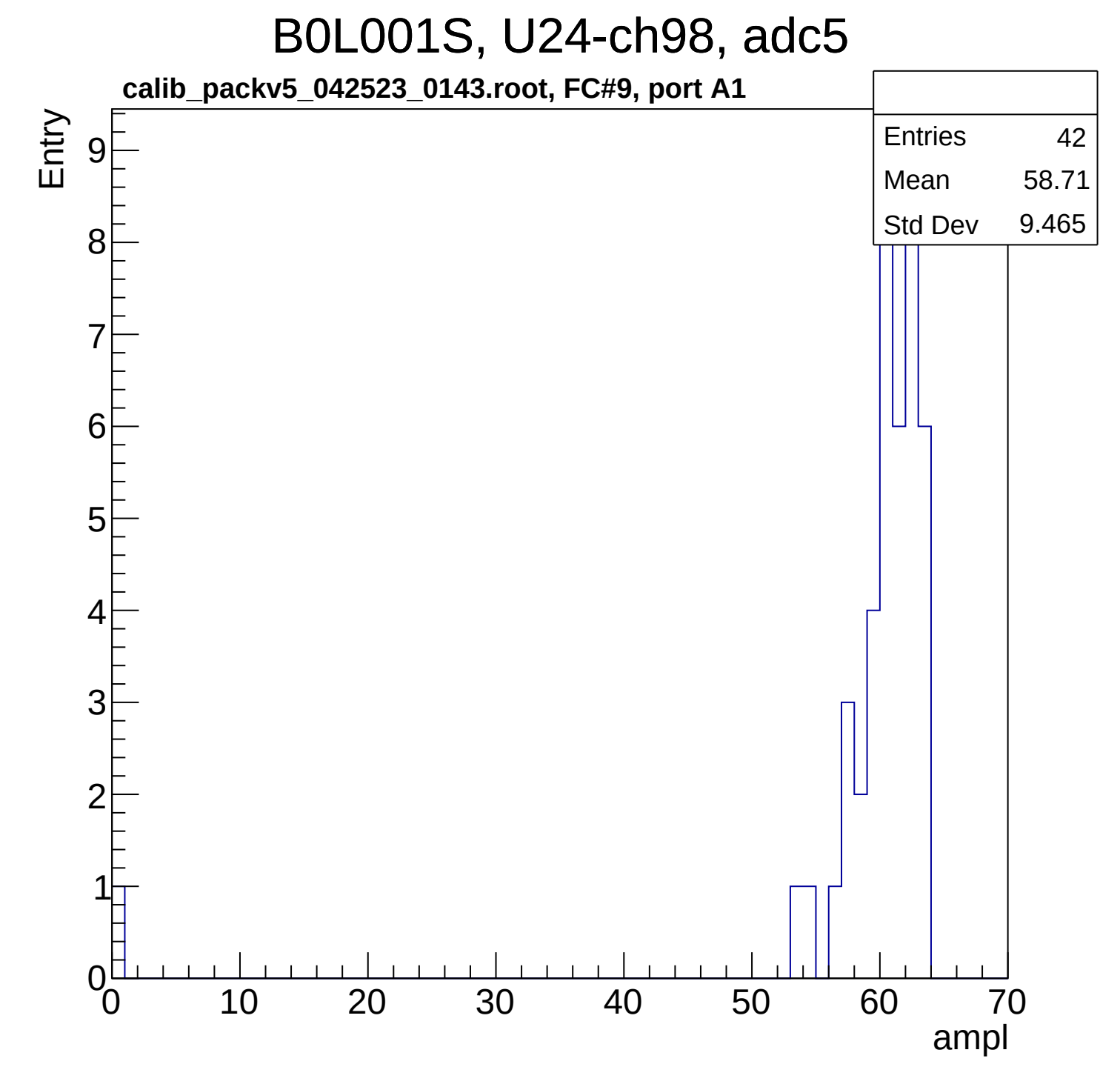
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch98, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.71
Std Dev 9.465
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
50
60
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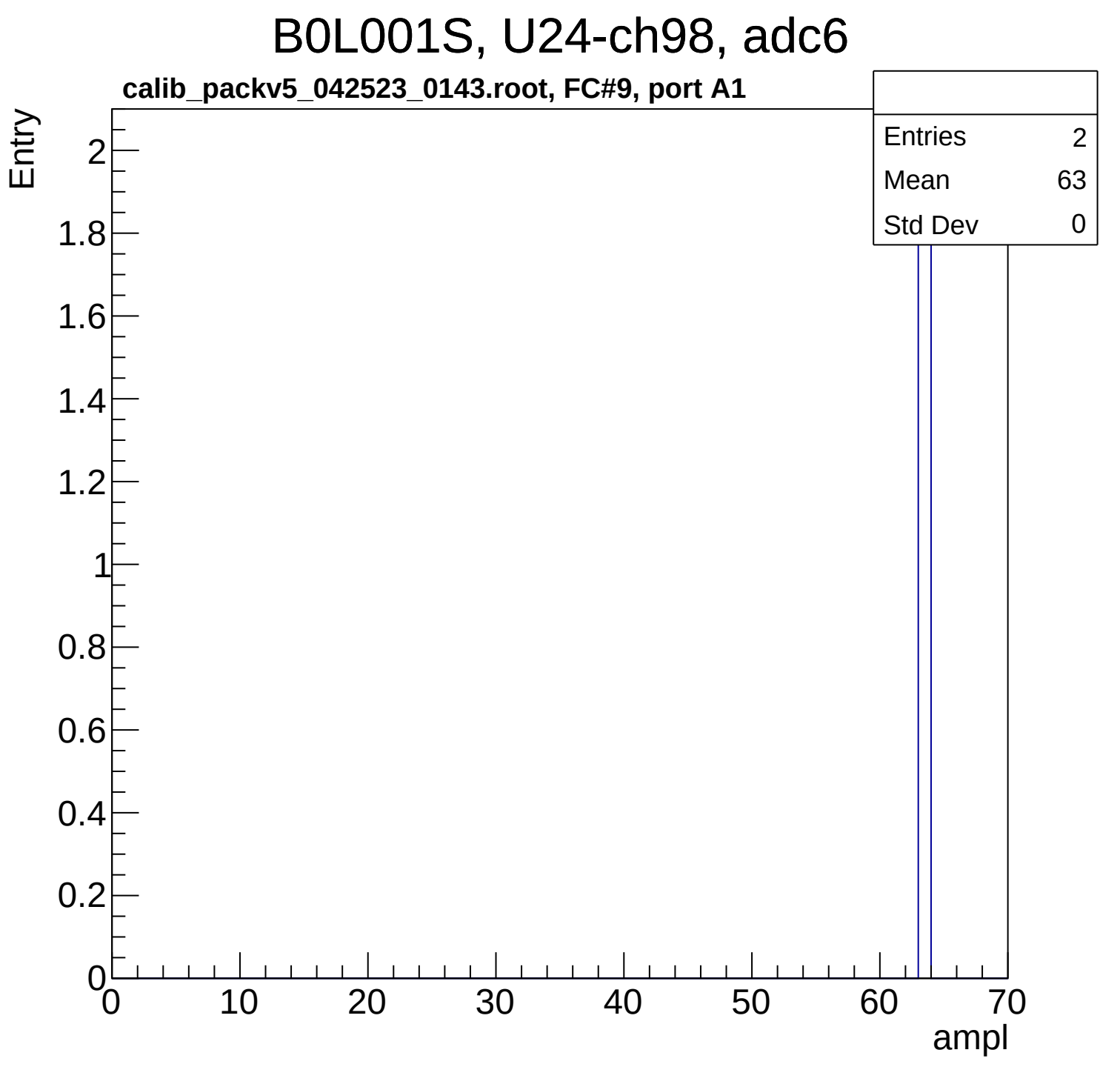
B0L001S, U24-ch98, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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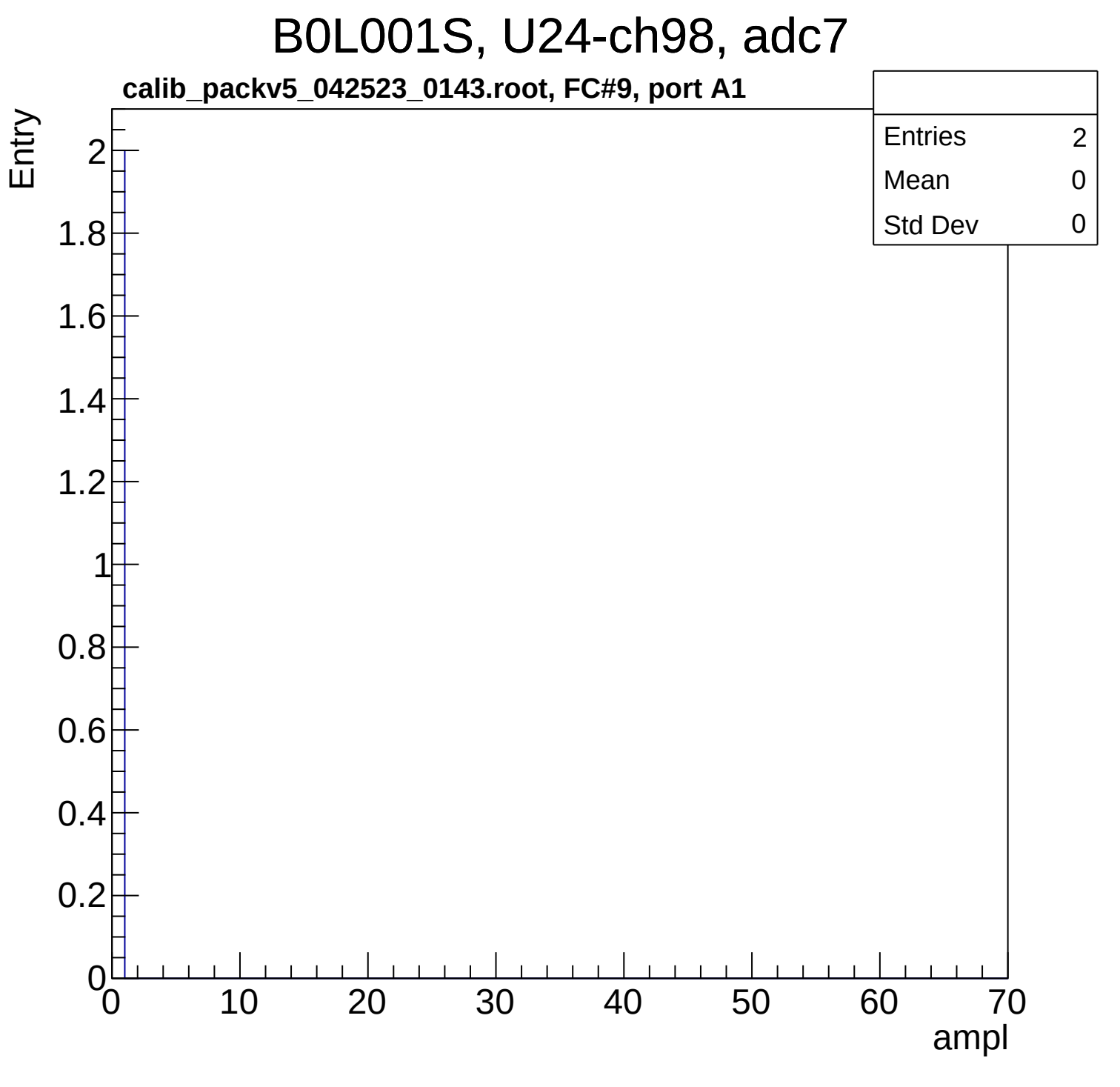
30
40
50
60
70


B0L001S, U24-ch98, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
10
20
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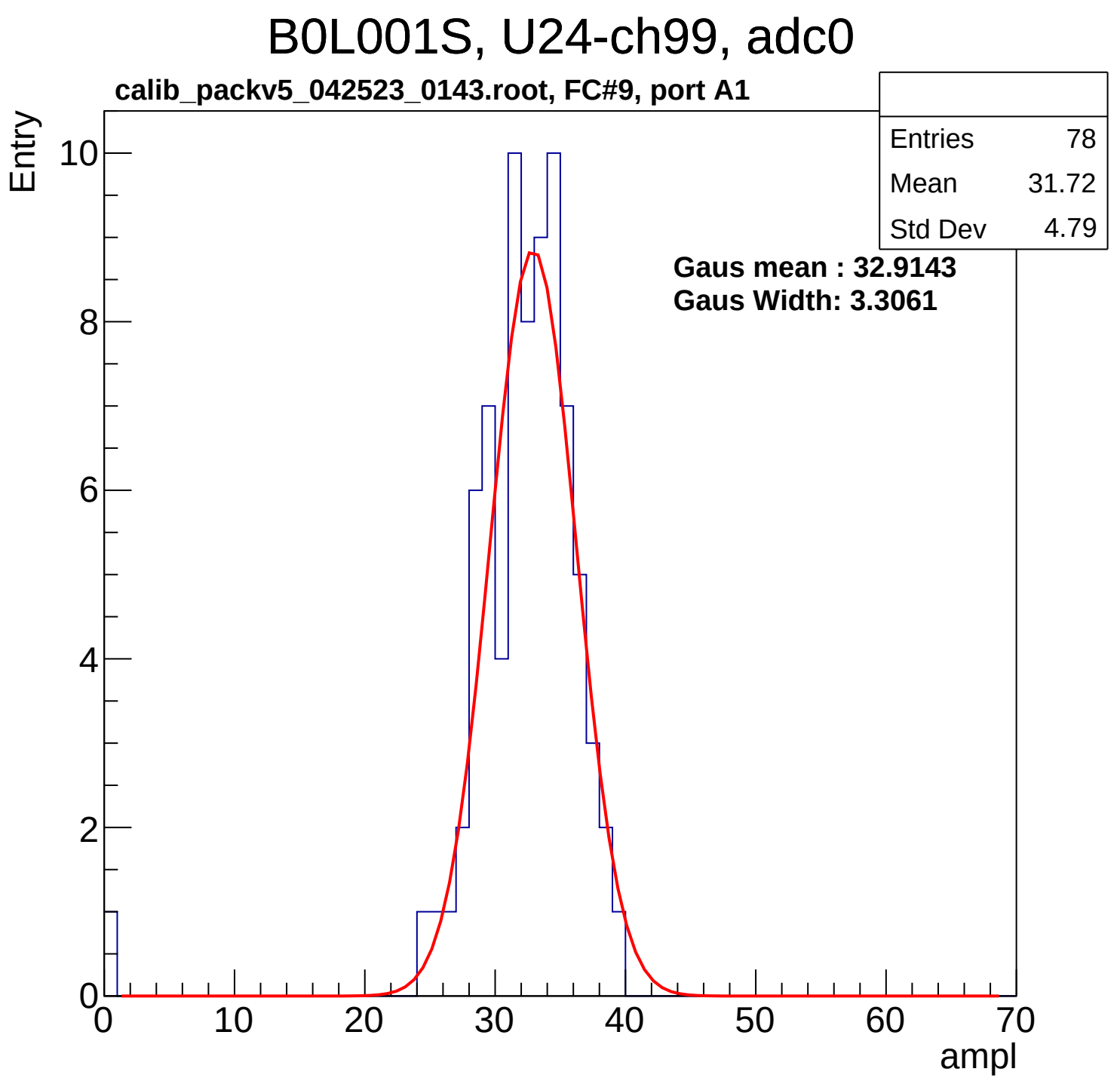
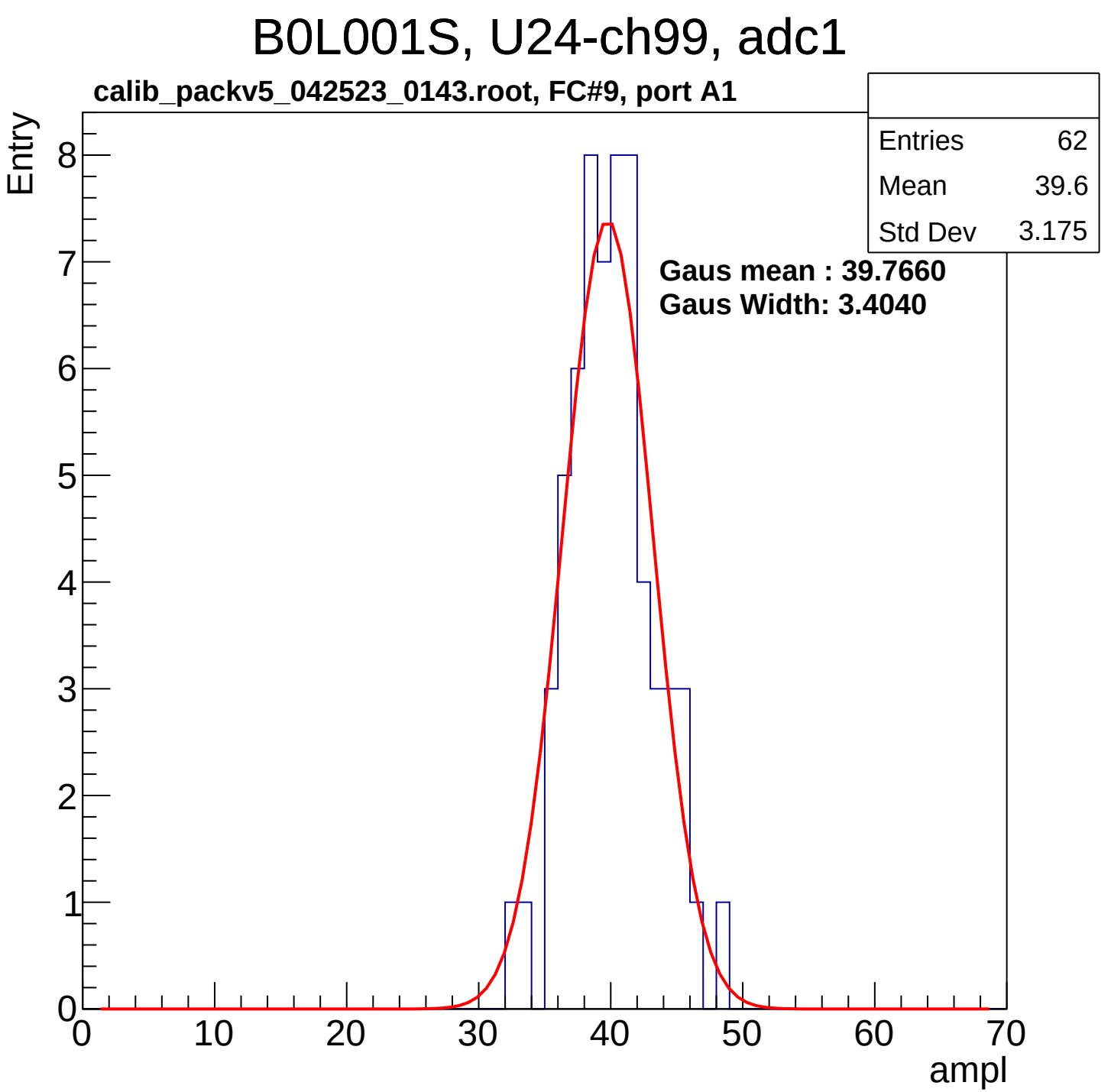
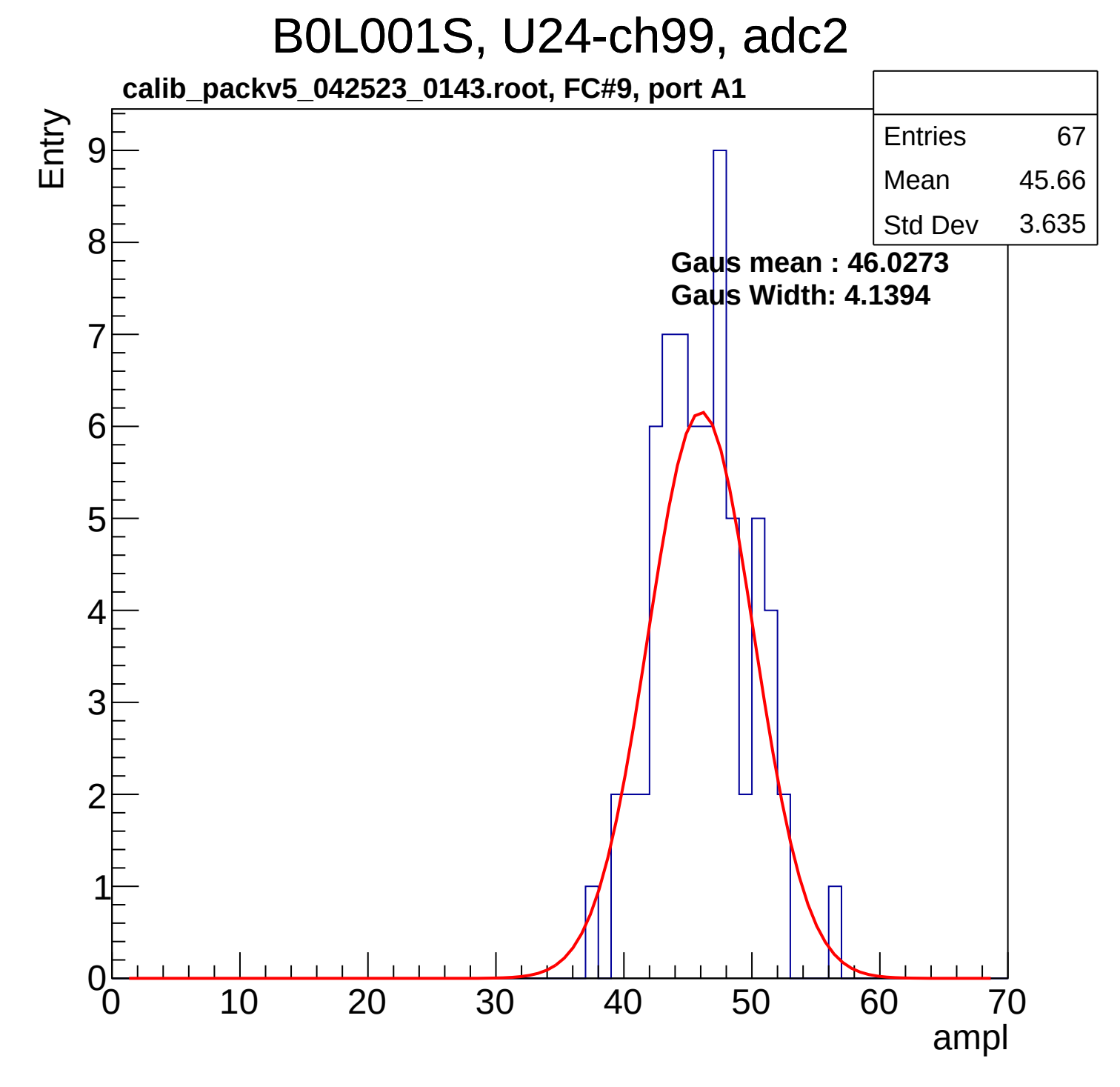
40
50
60
70


B0L001S, U24-ch99, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 31.72
Std Dev 4.79
Gaus mean : 32.9143
Gaus Width: 3.3061
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch99, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 39.6
Std Dev 3.175
Gaus mean : 39.7660
Gaus Width: 3.4040
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch99, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 45.66
Std Dev 3.635
Gaus mean : 46.0273
Gaus Width: 4.1394
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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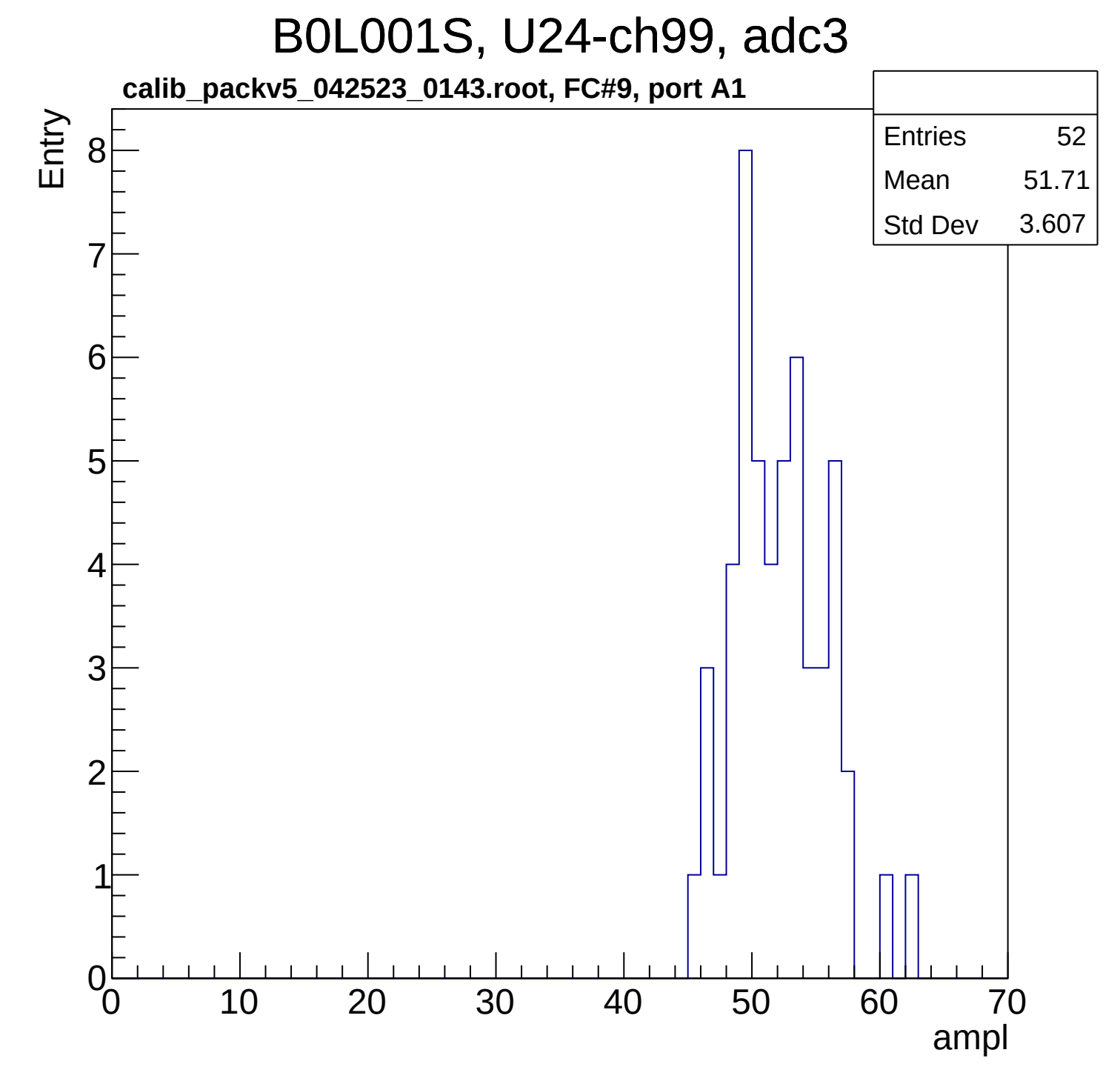
B0L001S, U24-ch99, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 51.71
Std Dev 3.607
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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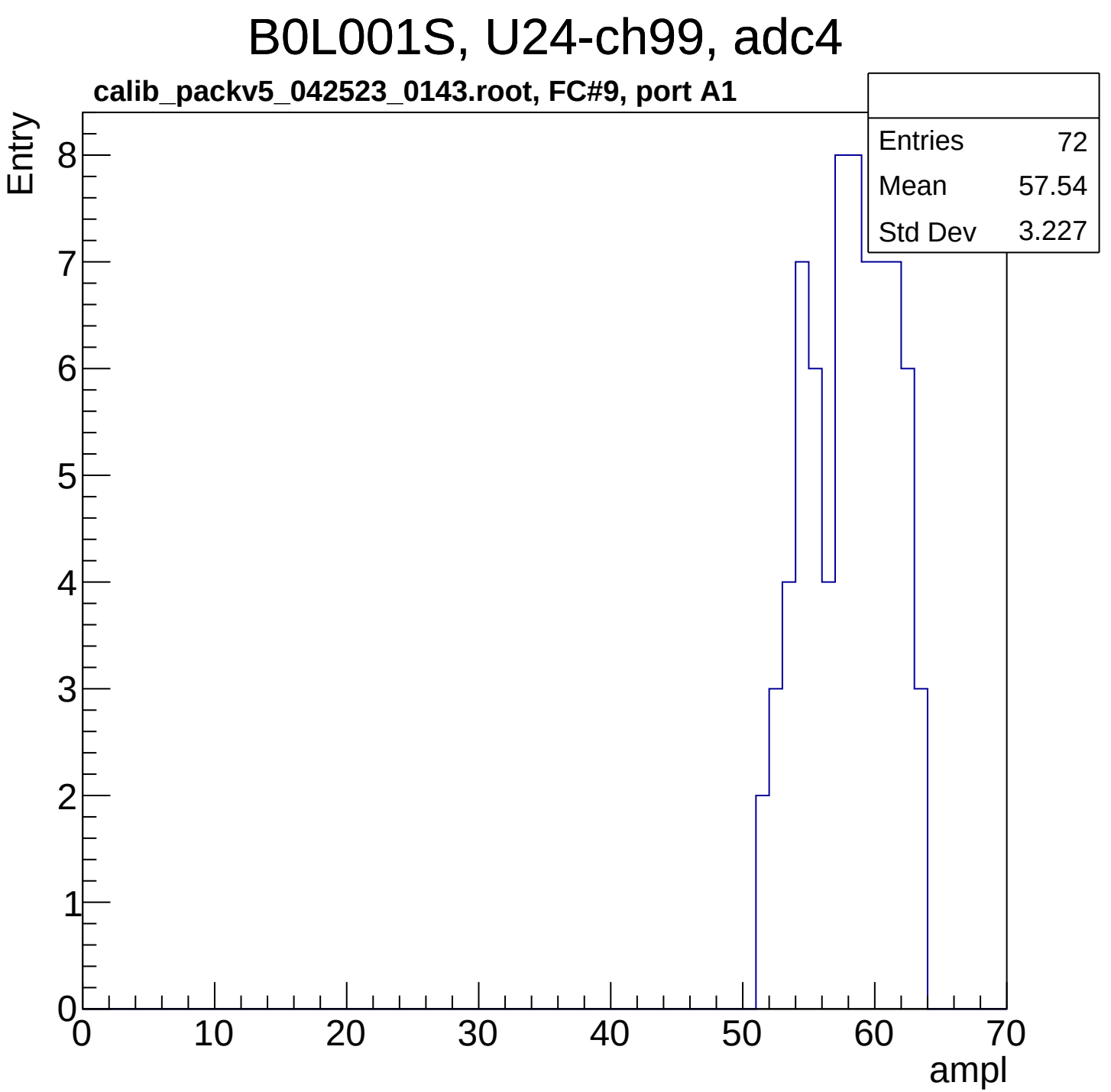
B0L001S, U24-ch99, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 57.54
Std Dev 3.227
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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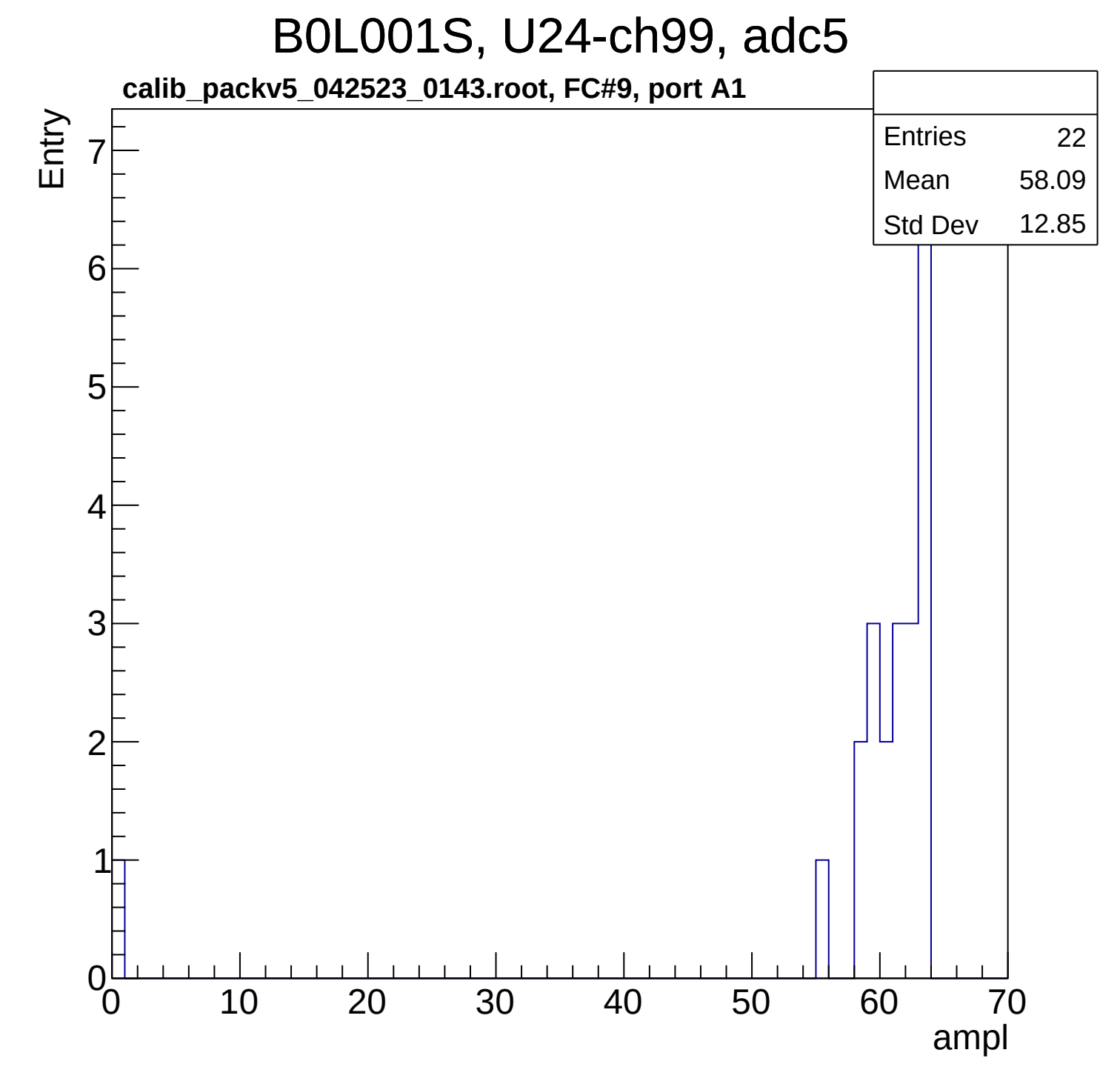
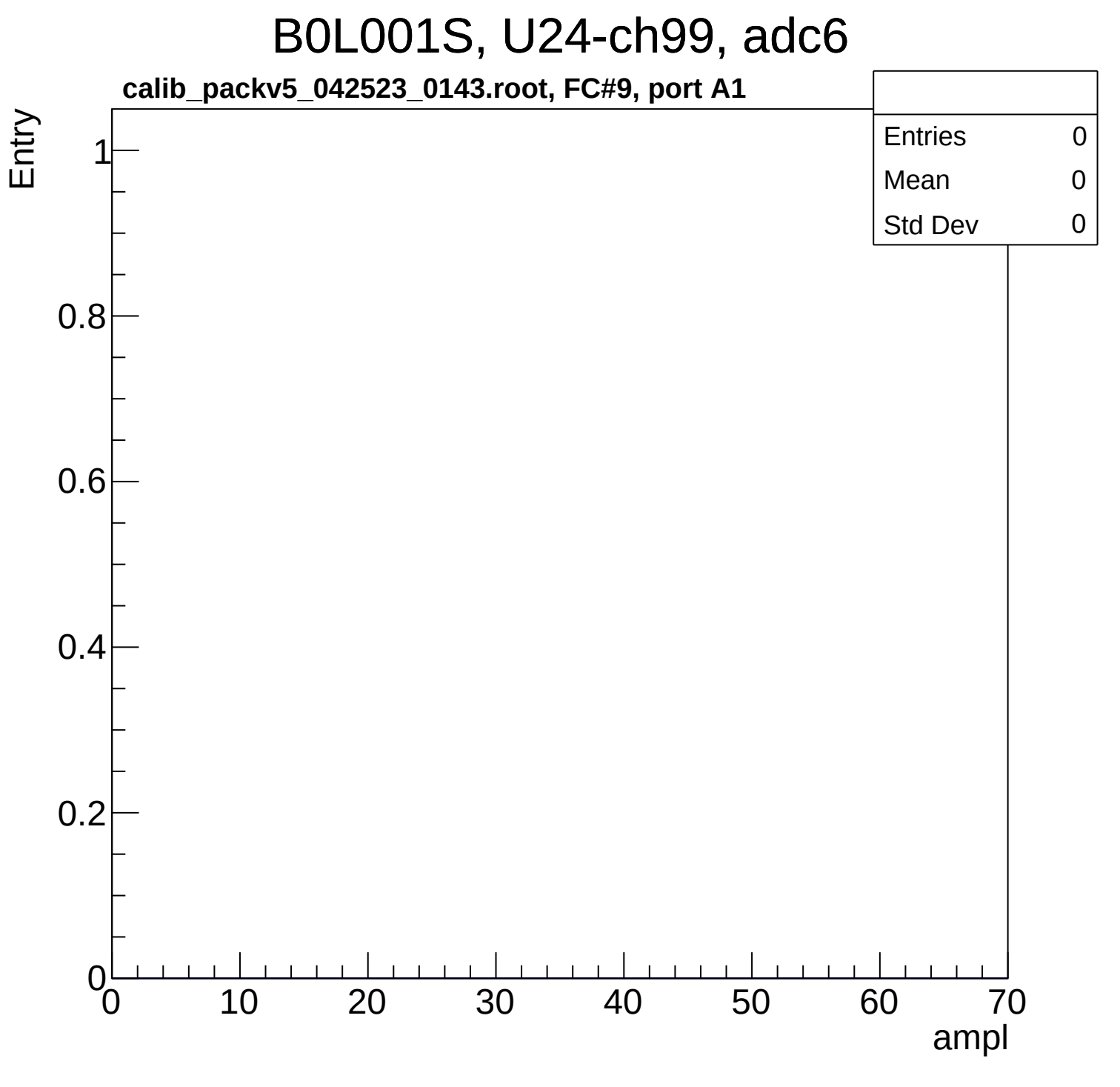
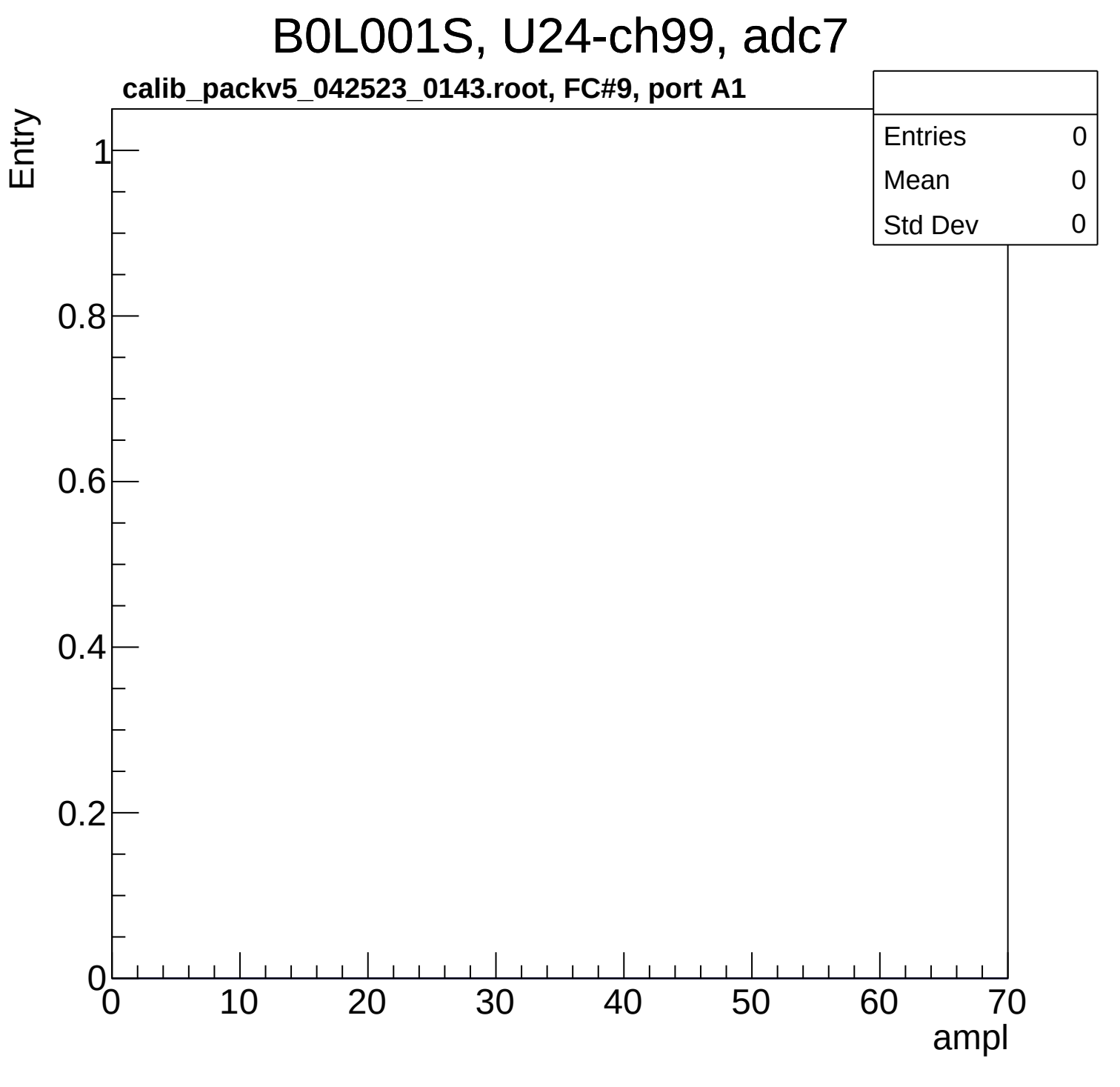

B0L001S, U24-ch99, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 22
Mean 58.09
Std Dev 12.85
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch99, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch99, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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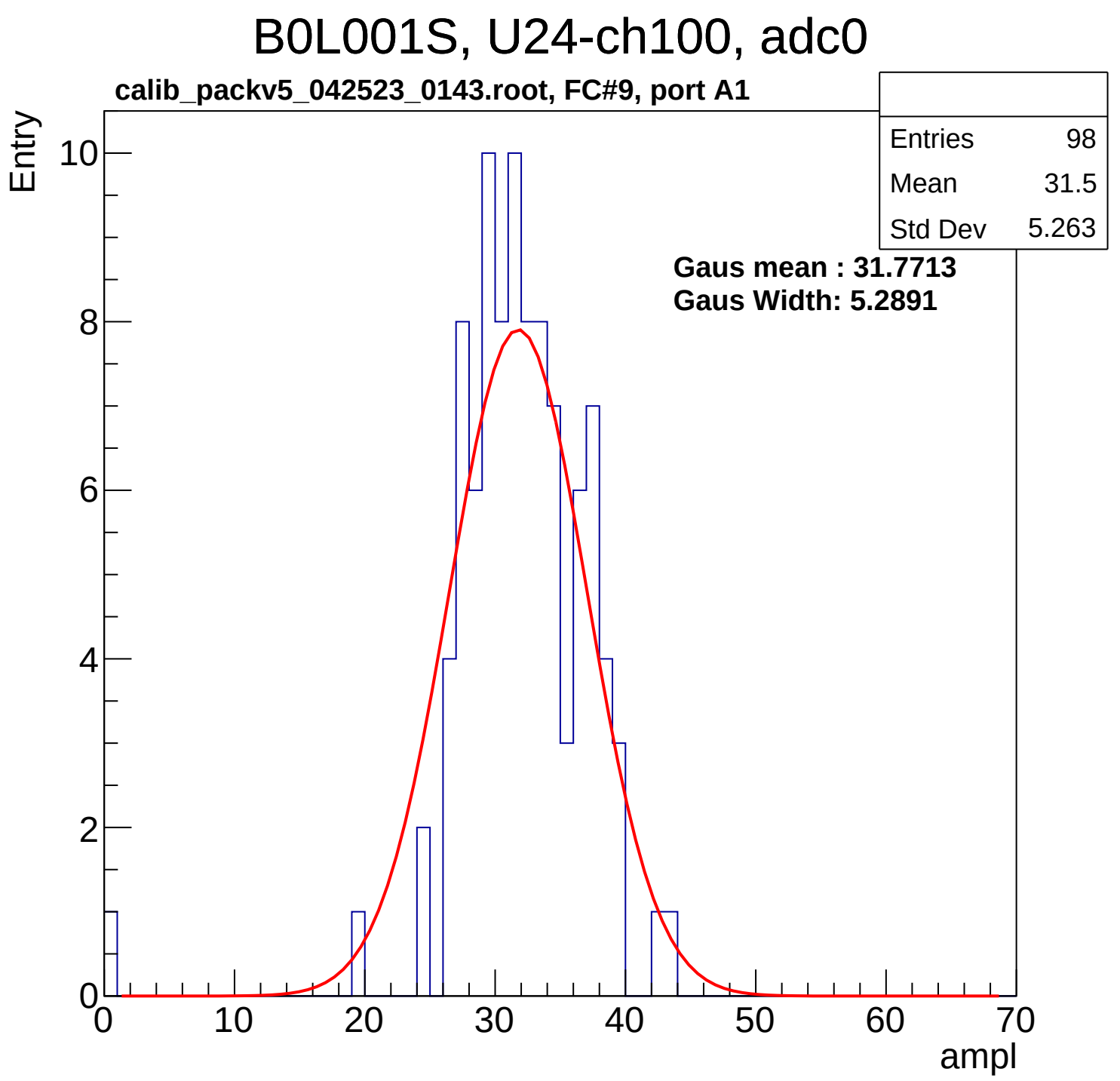
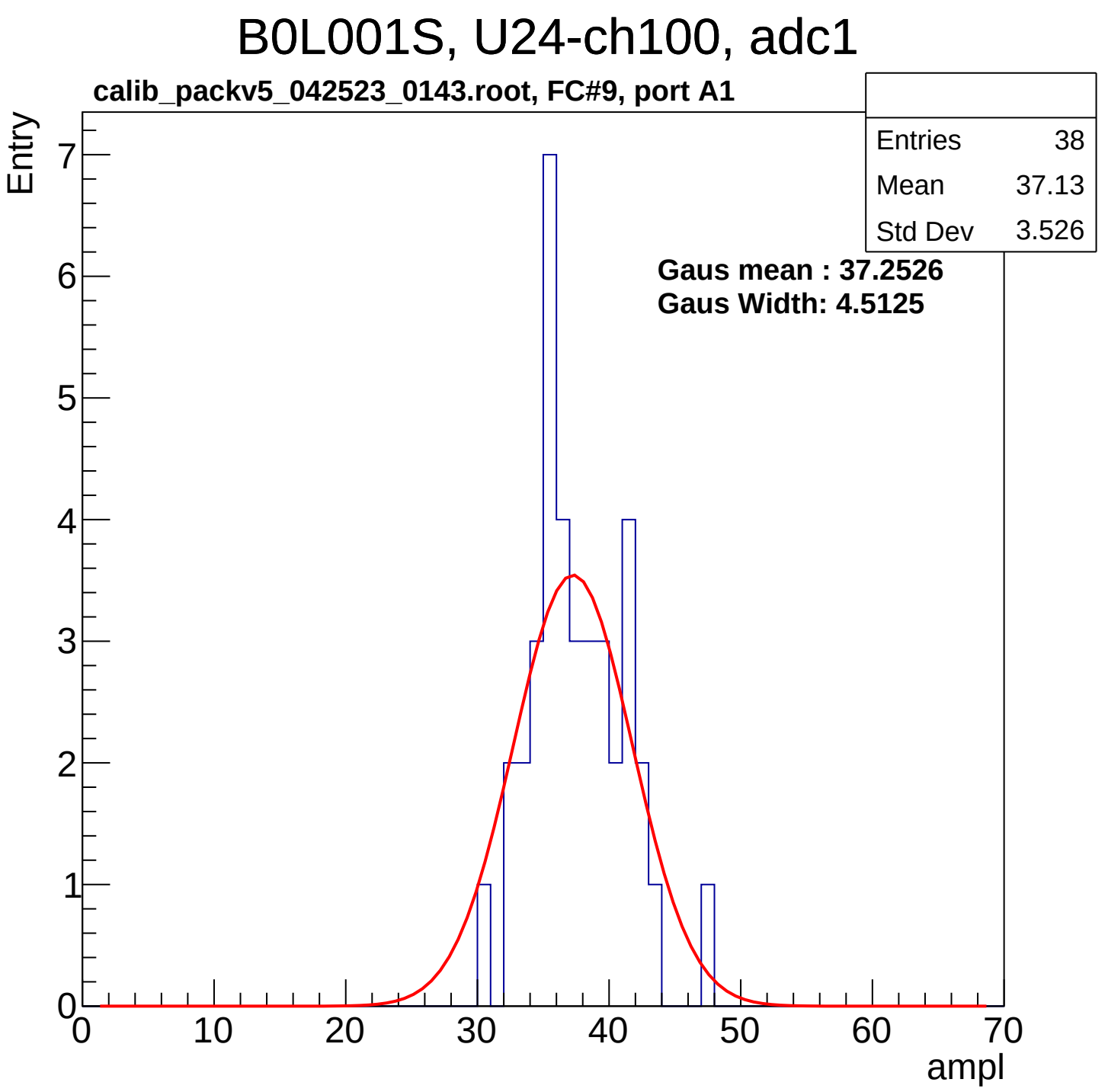
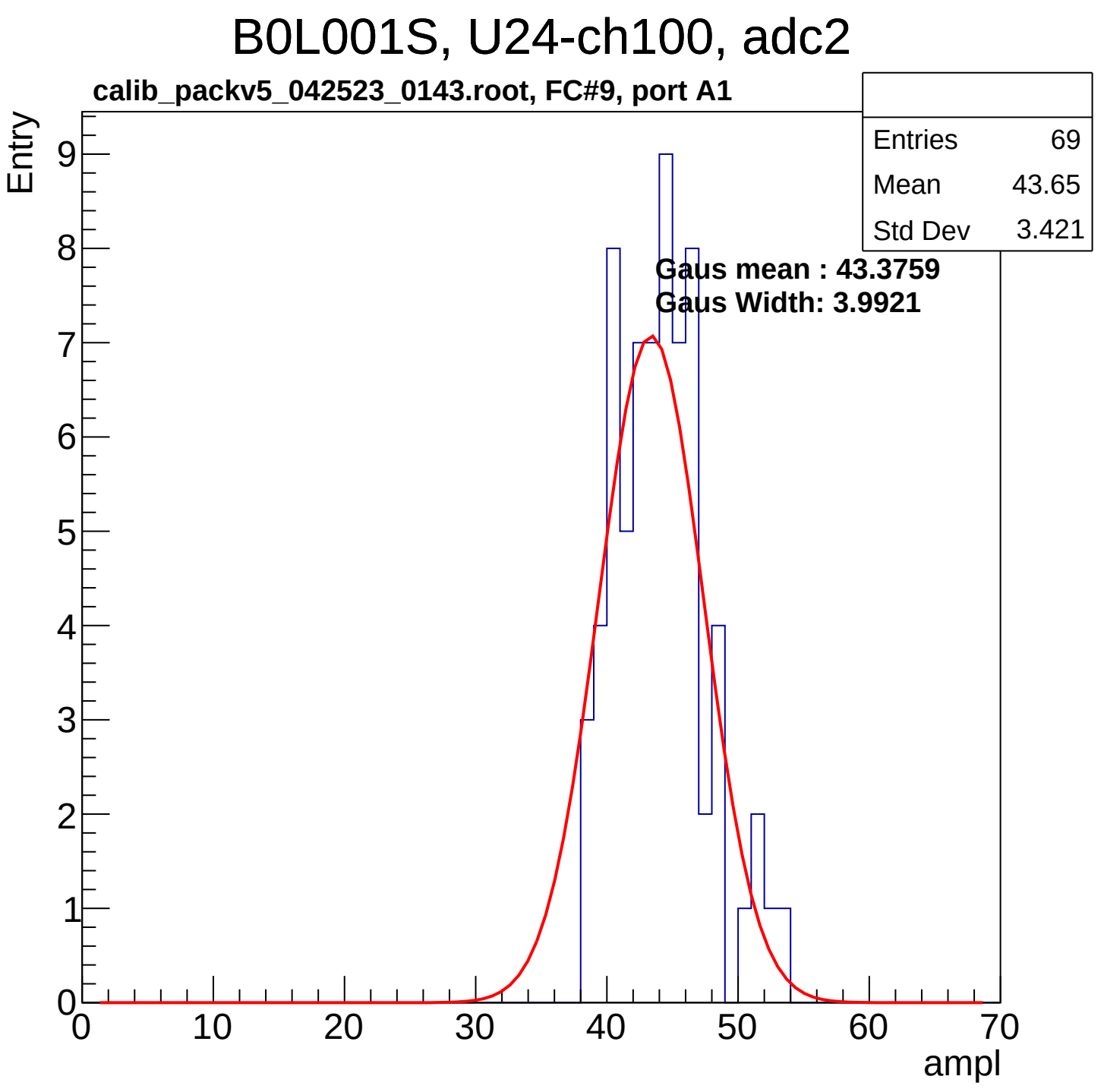
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch100, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 98
Mean 31.5
Std Dev 5.263
Gaus mean : 31.7713
Gaus Width: 5.2891
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch100, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 37.13
Std Dev 3.526
Gaus mean : 37.2526
Gaus Width: 4.5125
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch100, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 43.65
Std Dev 3.421
Gaus mean : 43.3759
Gaus Width: 3.9921
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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30
40
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60
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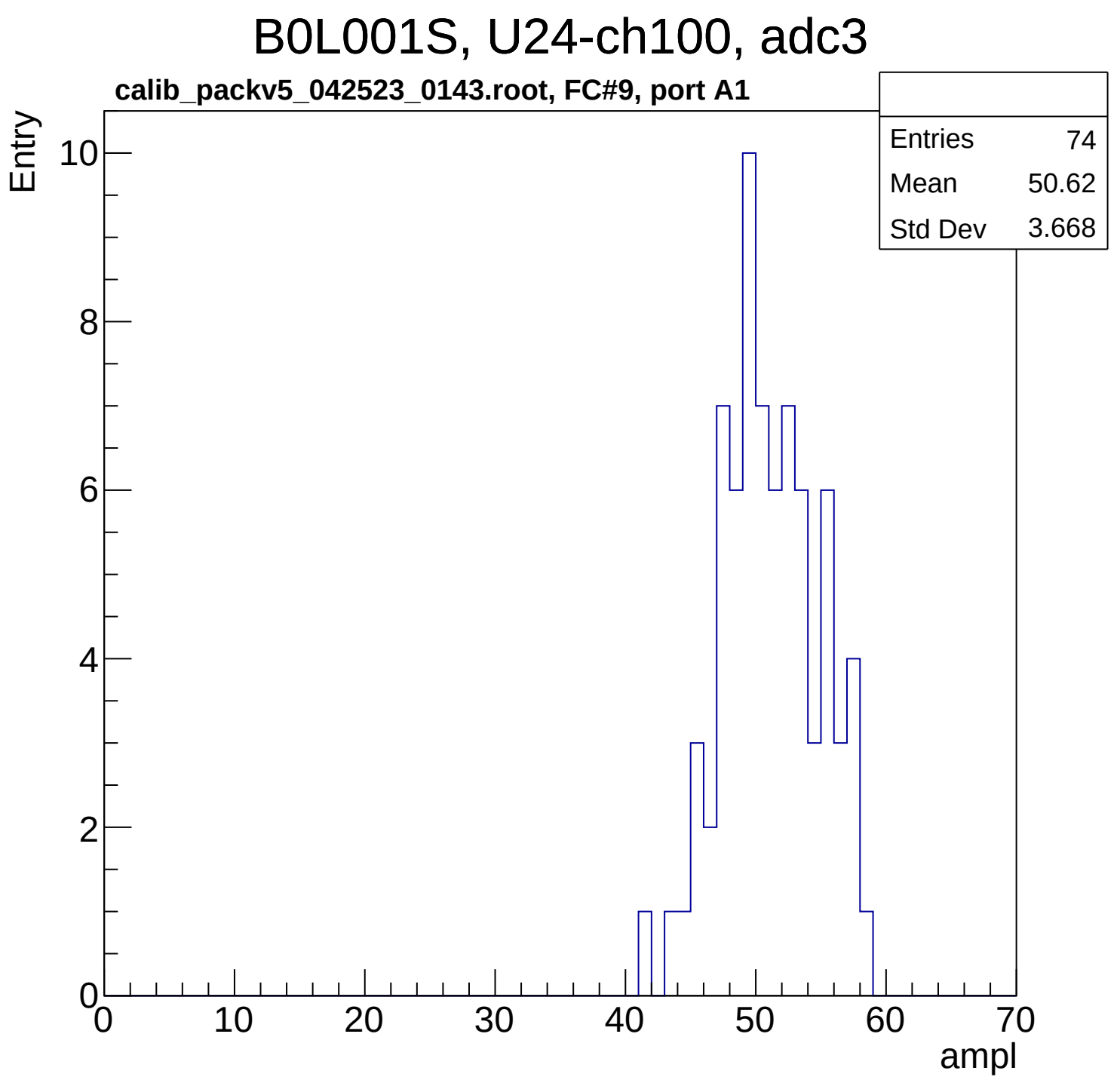
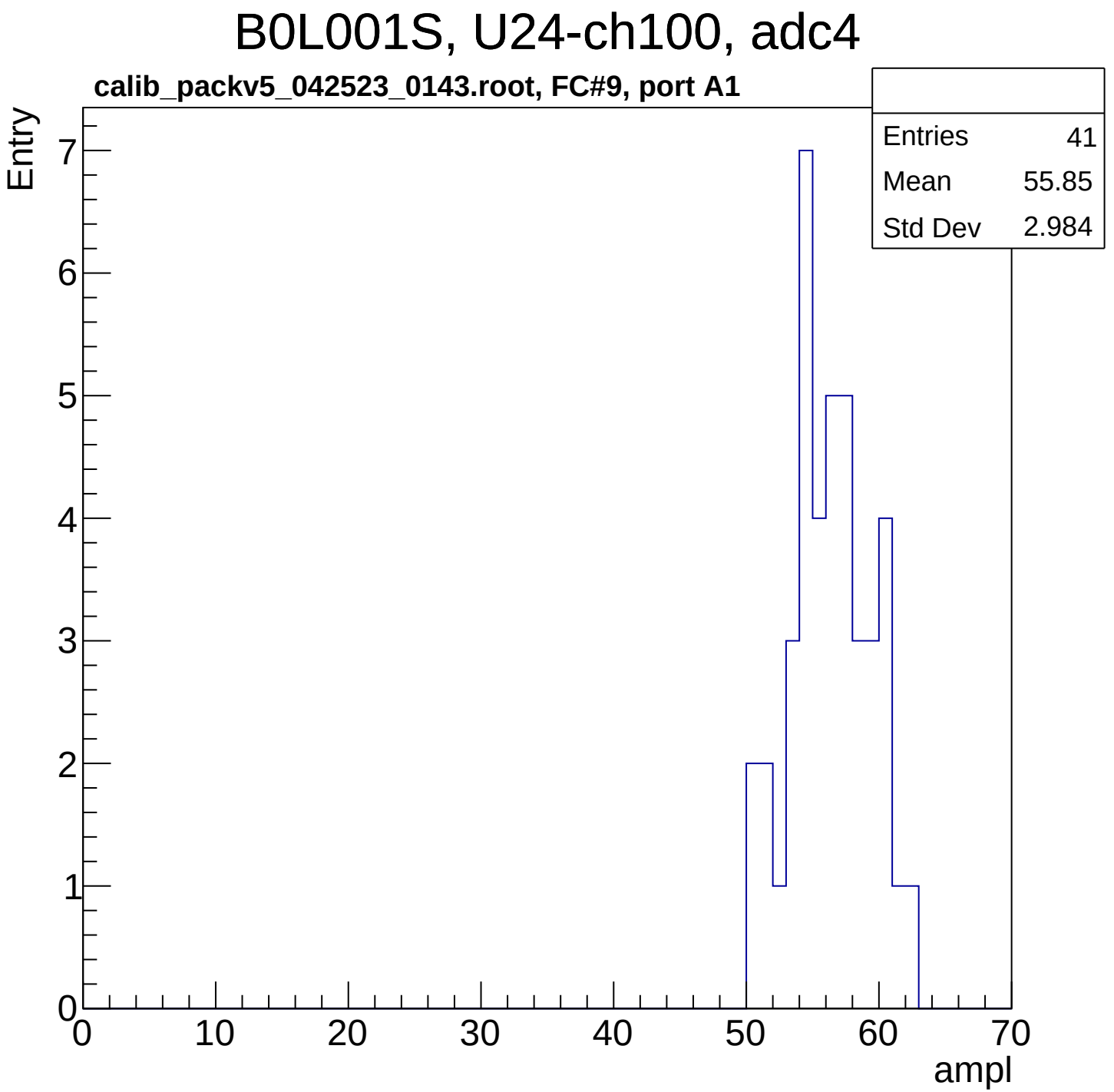
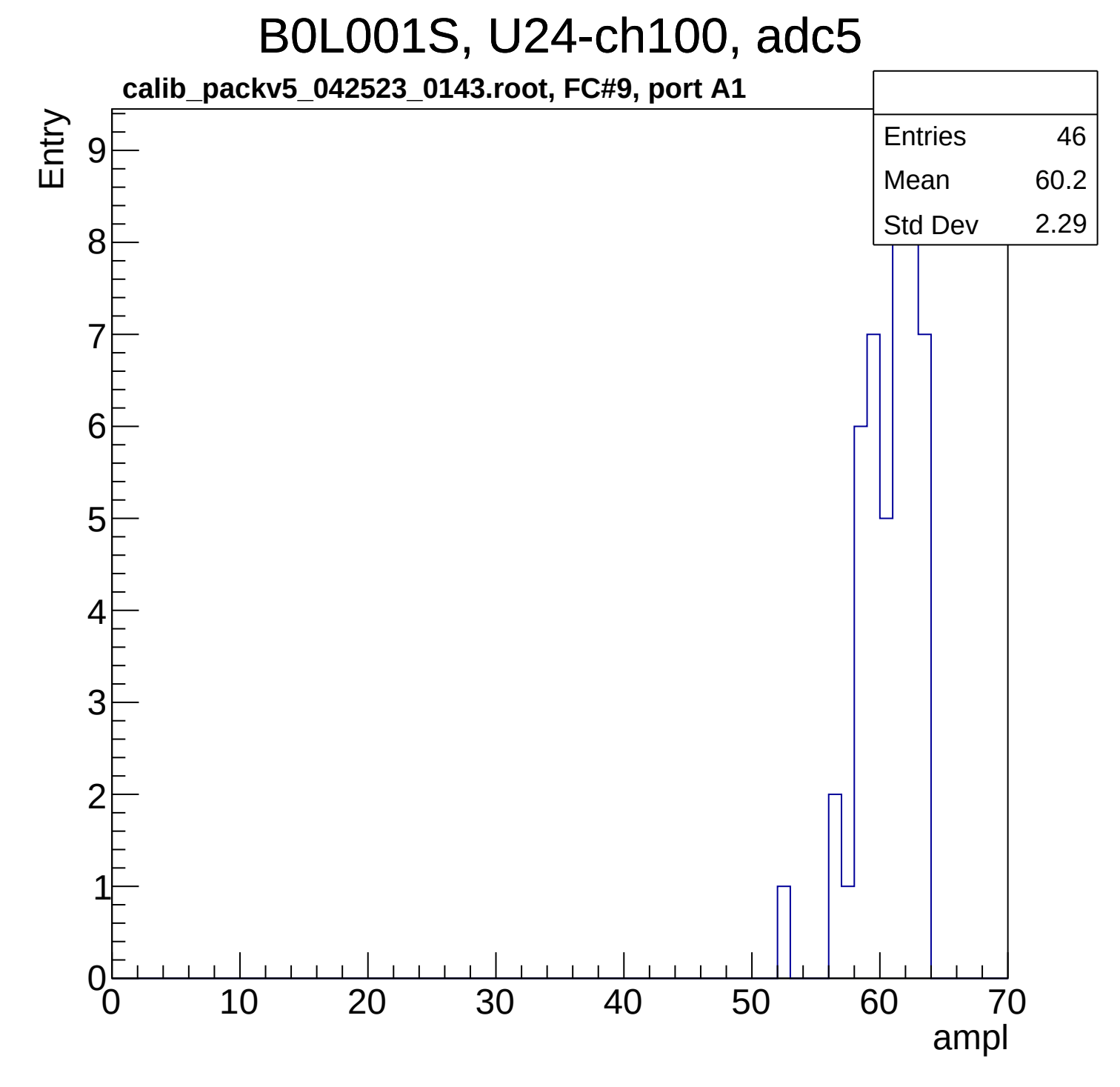

B0L001S, U24-ch100, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 50.62
Std Dev 3.668
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch100, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 41
Mean 55.85
Std Dev 2.984
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch100, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 60.2
Std Dev 2.29
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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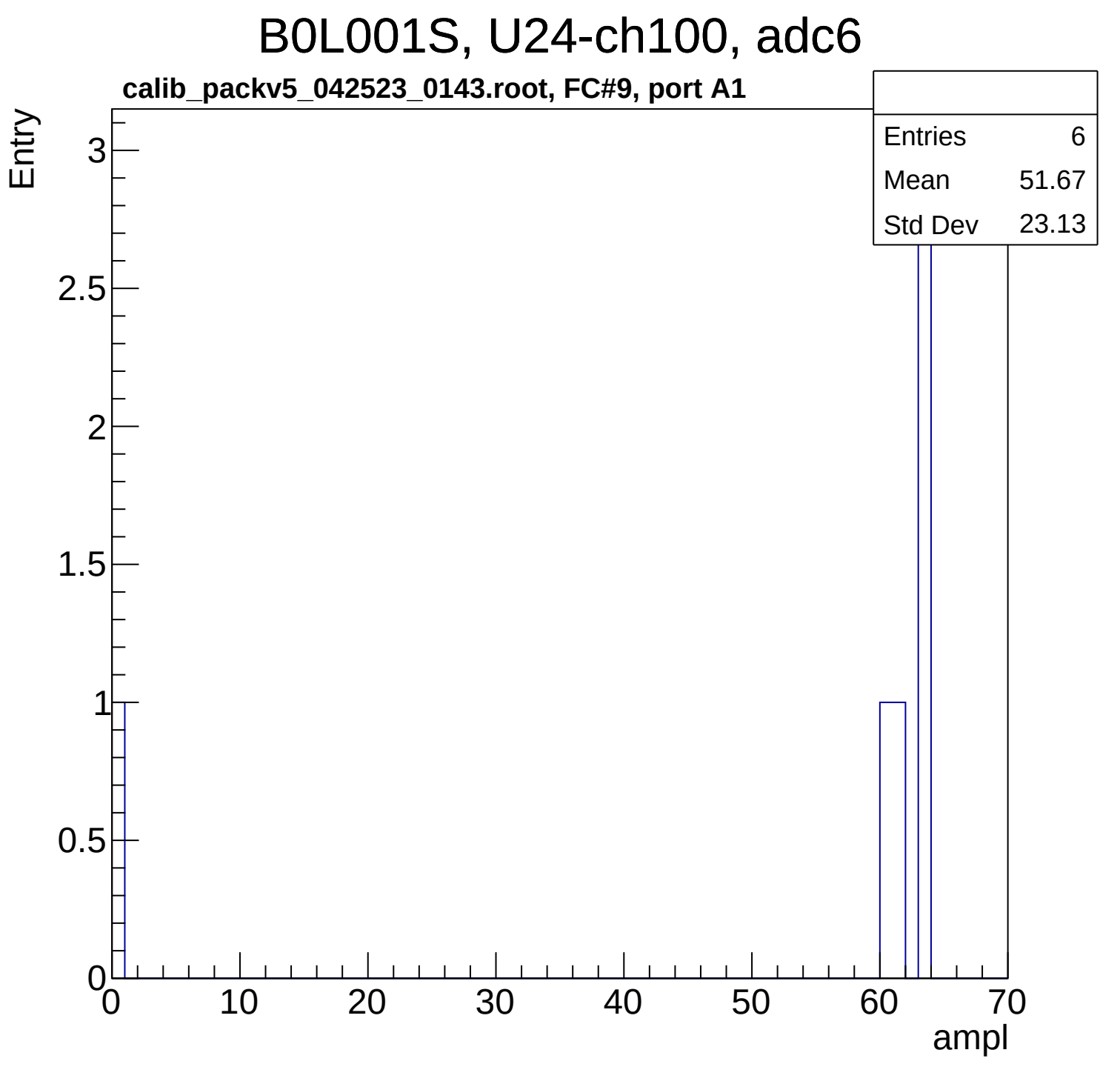
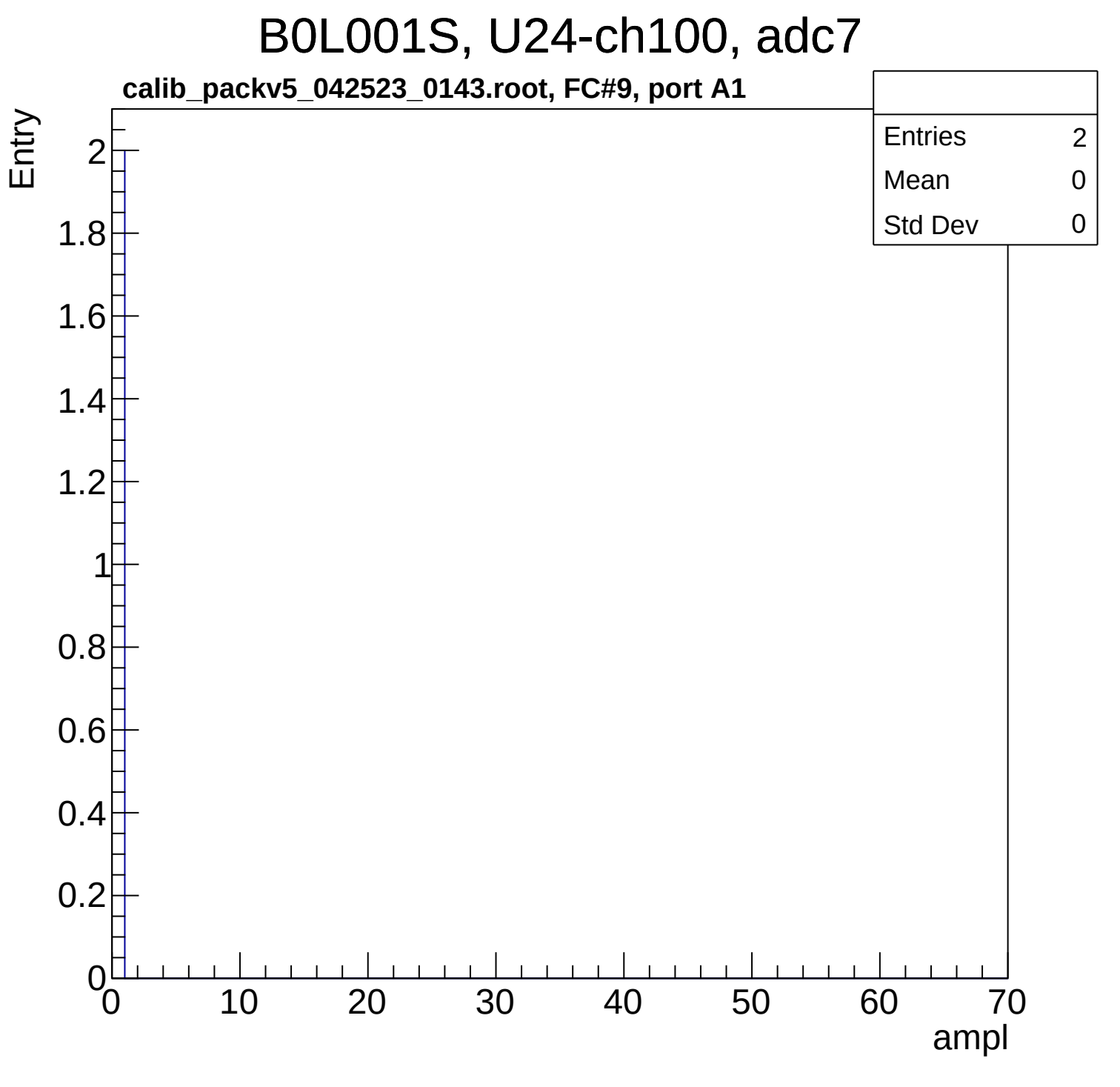

B0L001S, U24-ch100, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 51.67
Std Dev 23.13
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B0L001S, U24-ch100, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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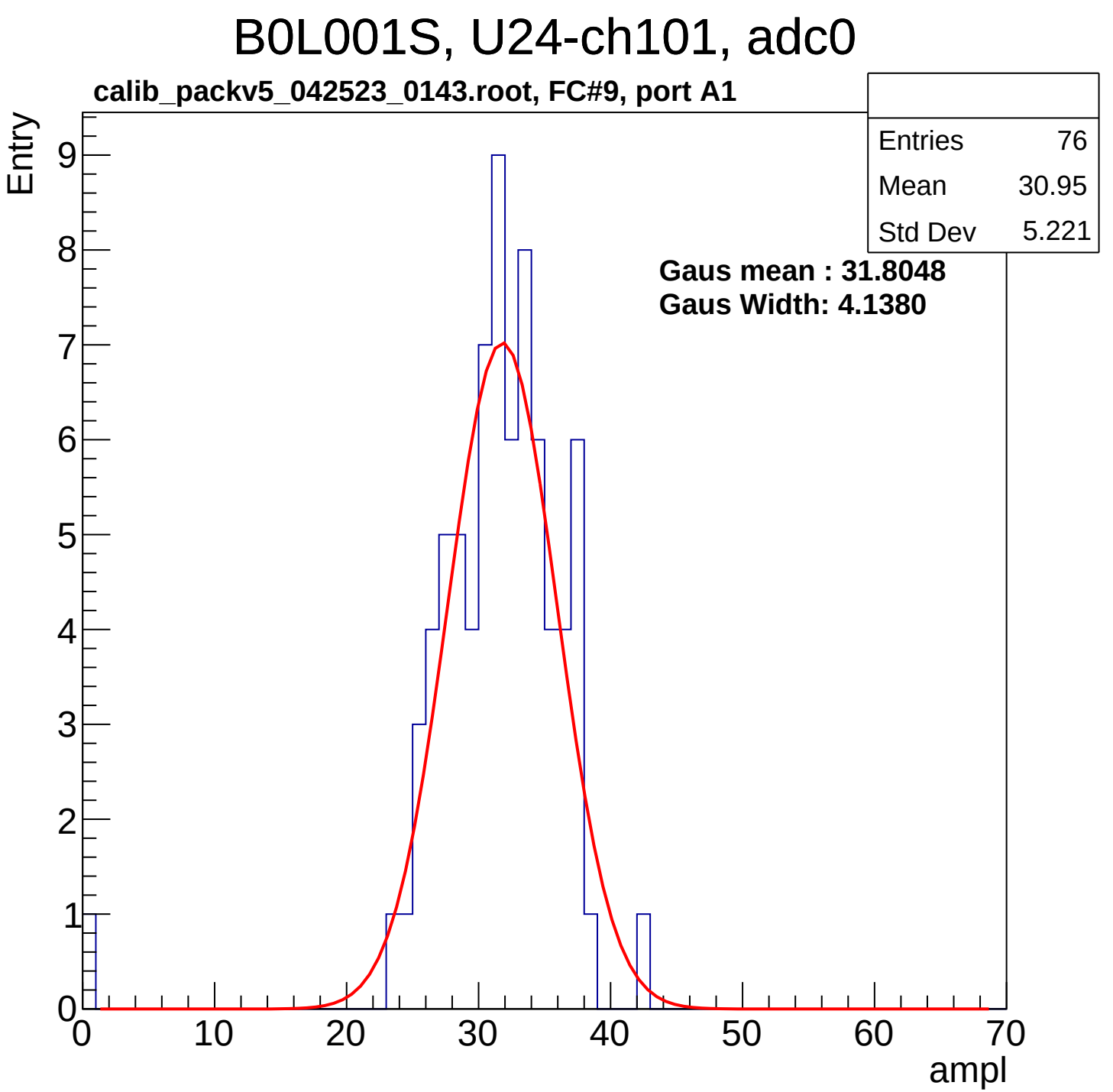
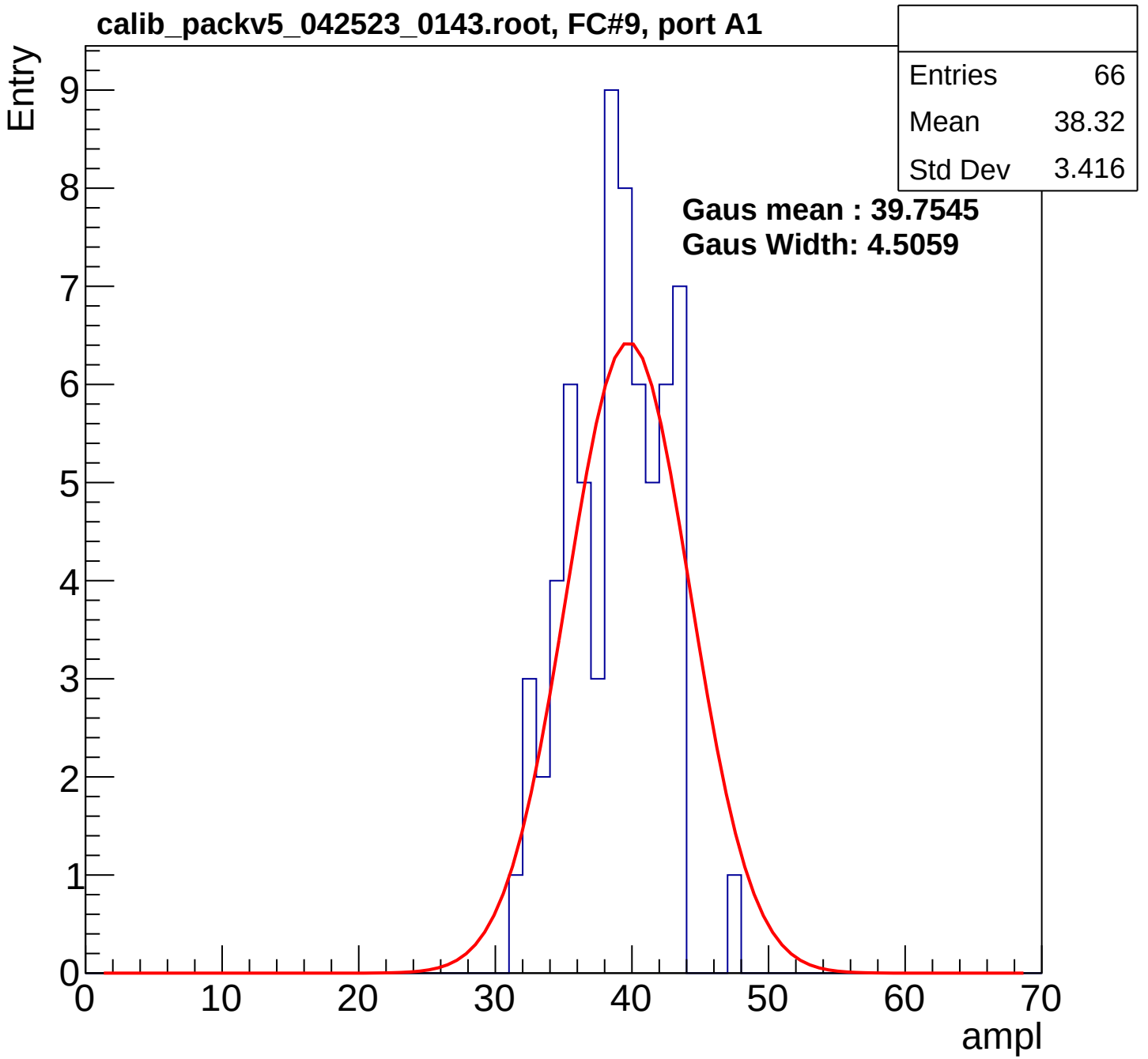

B0L001S, U24-ch101, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 30.95
Std Dev 5.221
Gaus mean : 31.8048
Gaus Width: 4.1380
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch101, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 38.32
Std Dev 3.416
Gaus mean : 39.7545
Gaus Width: 4.5059
Entry
ampl
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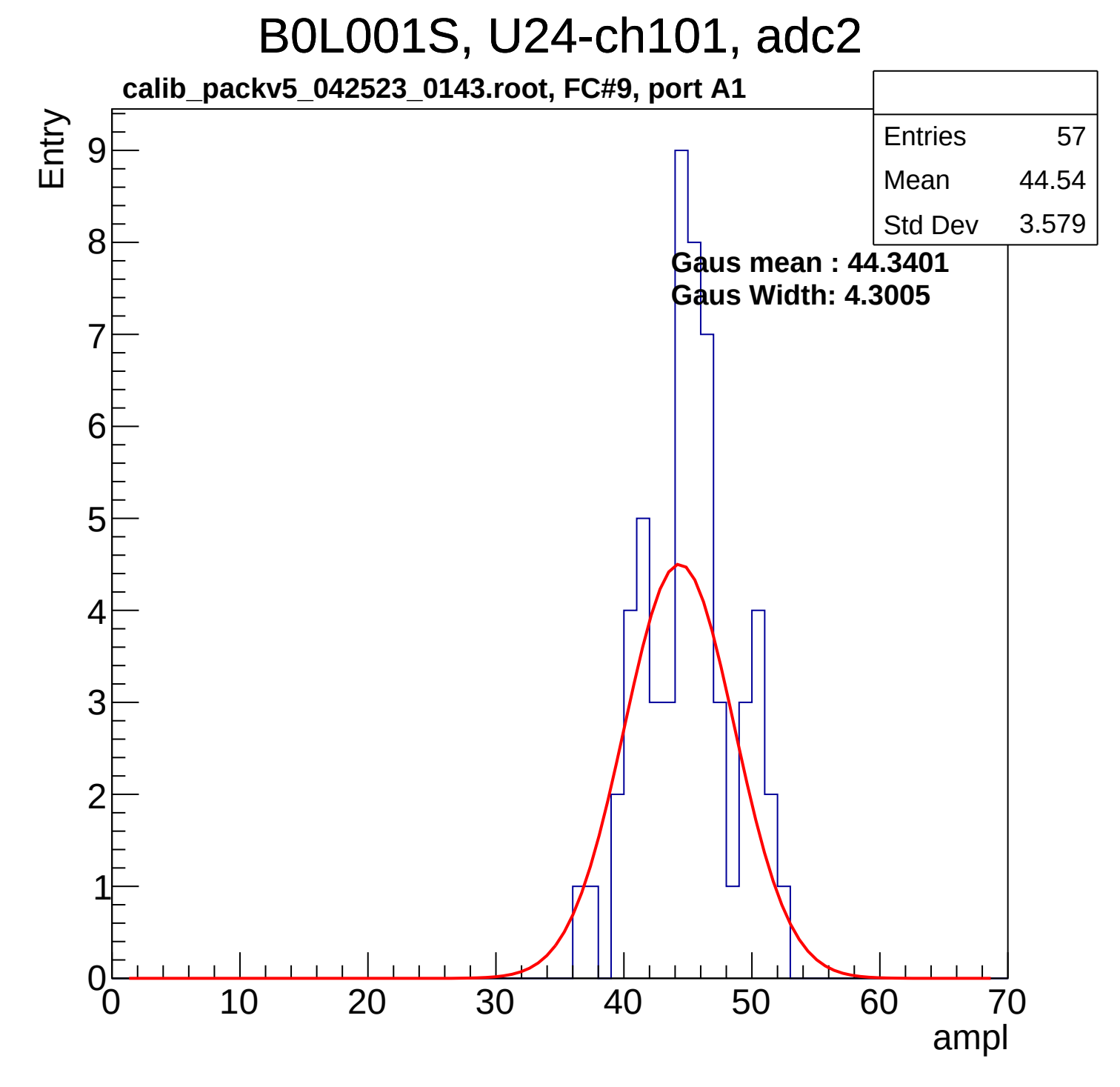
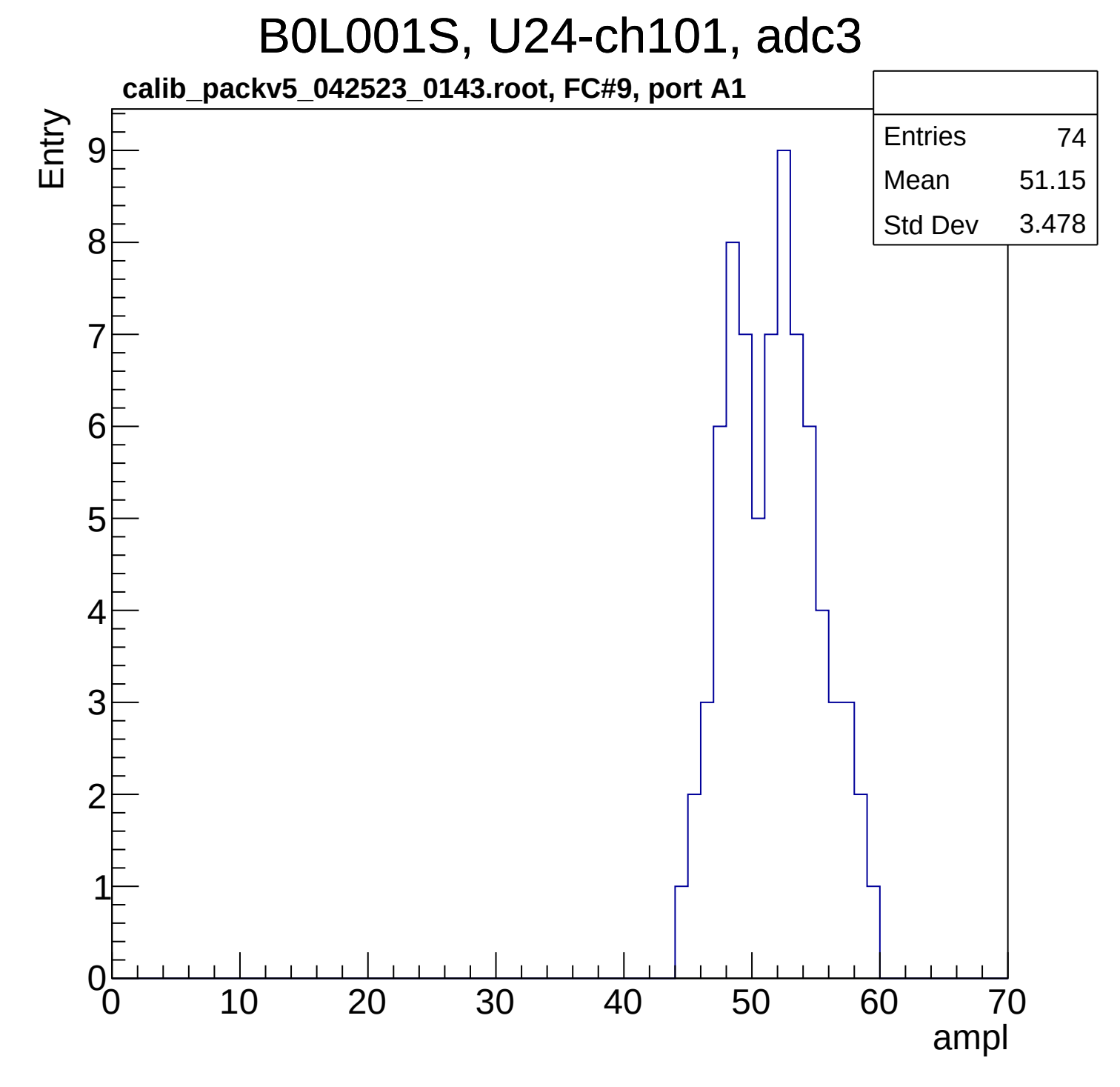
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch101, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 44.54
Std Dev 3.579
Gaus mean : 44.3401
Gaus Width: 4.3005
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch101, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 51.15
Std Dev 3.478
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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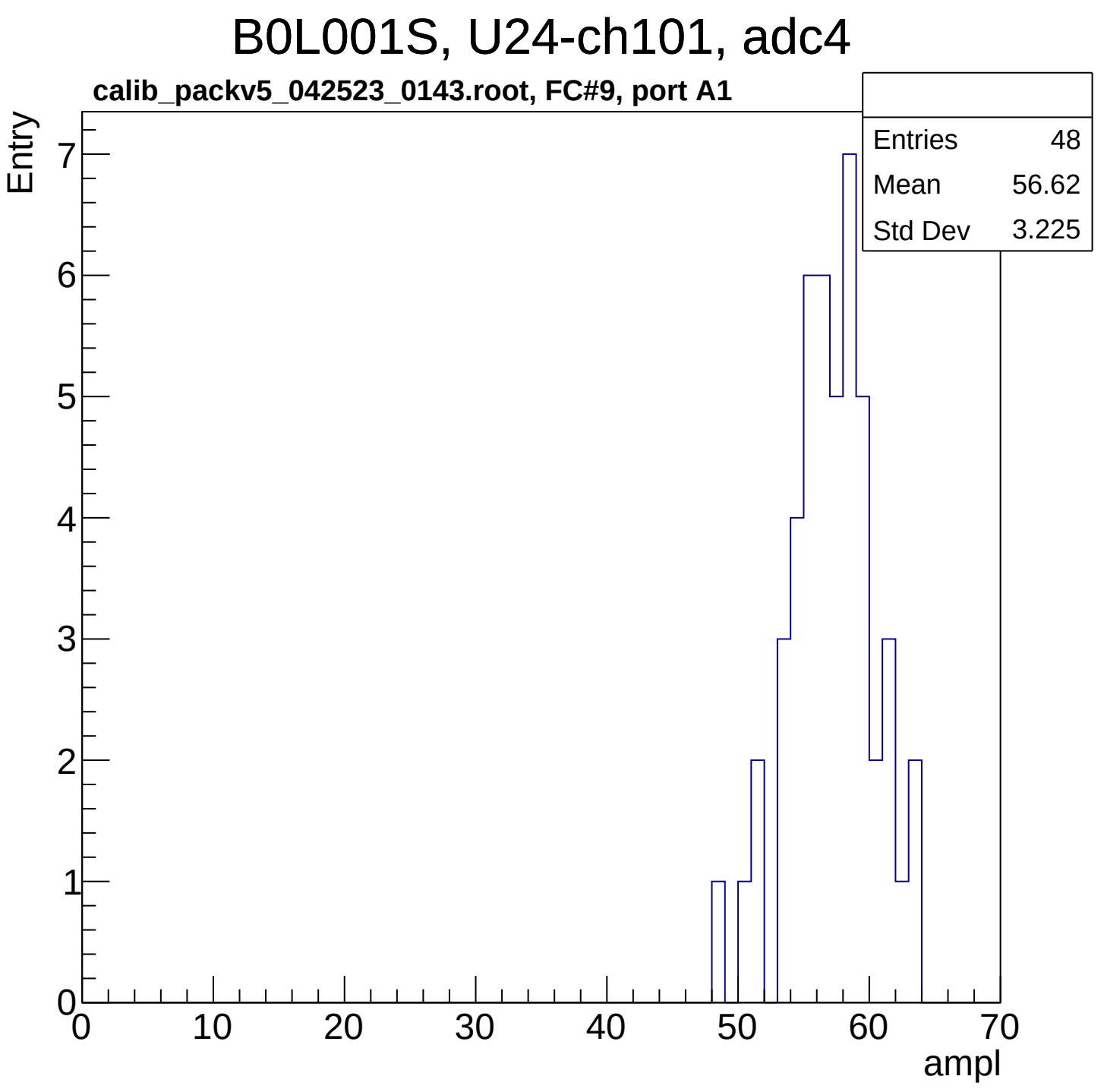
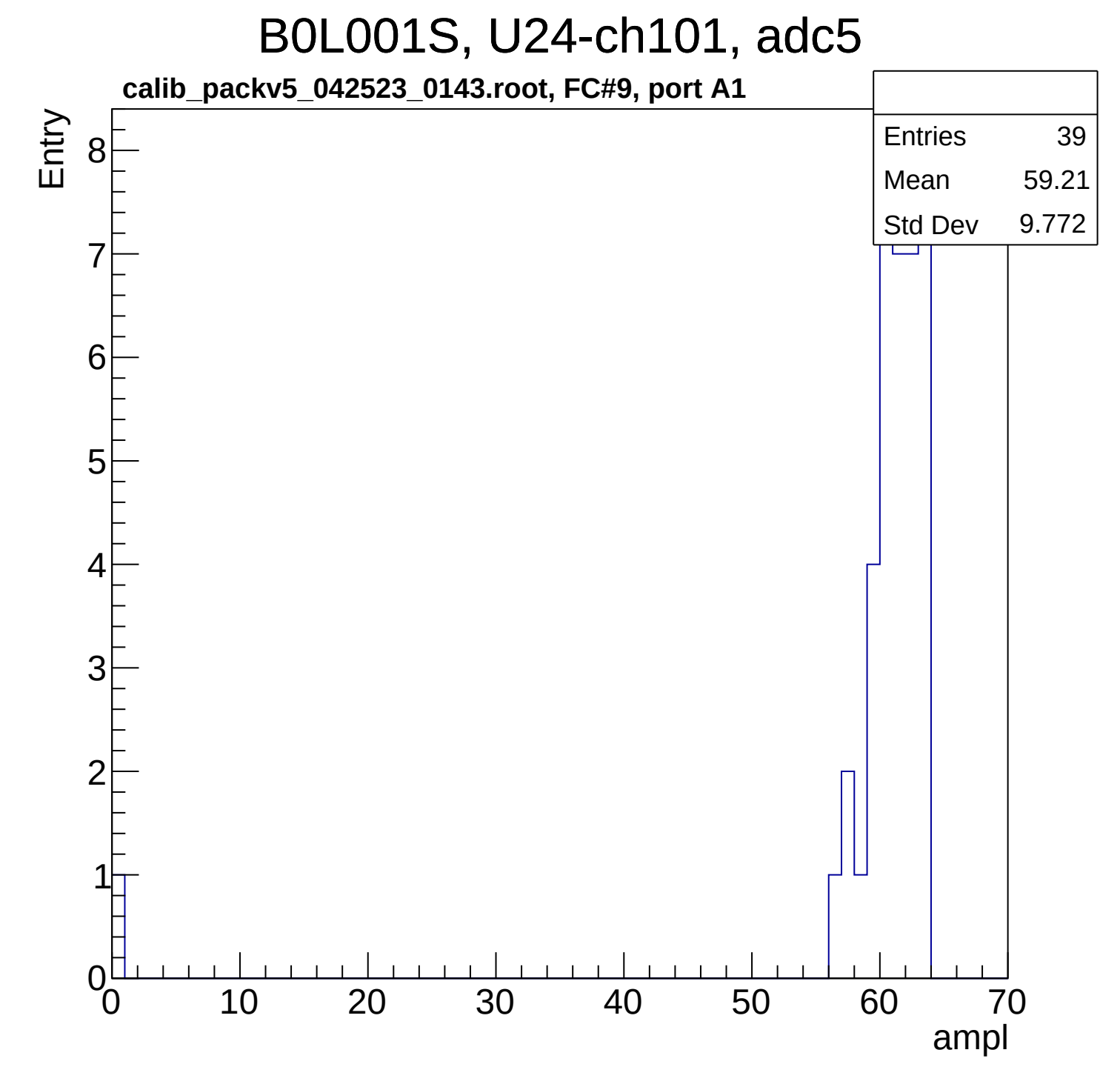

B0L001S, U24-ch101, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 48
Mean 56.62
Std Dev 3.225
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch101, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 39
Mean 59.21
Std Dev 9.772
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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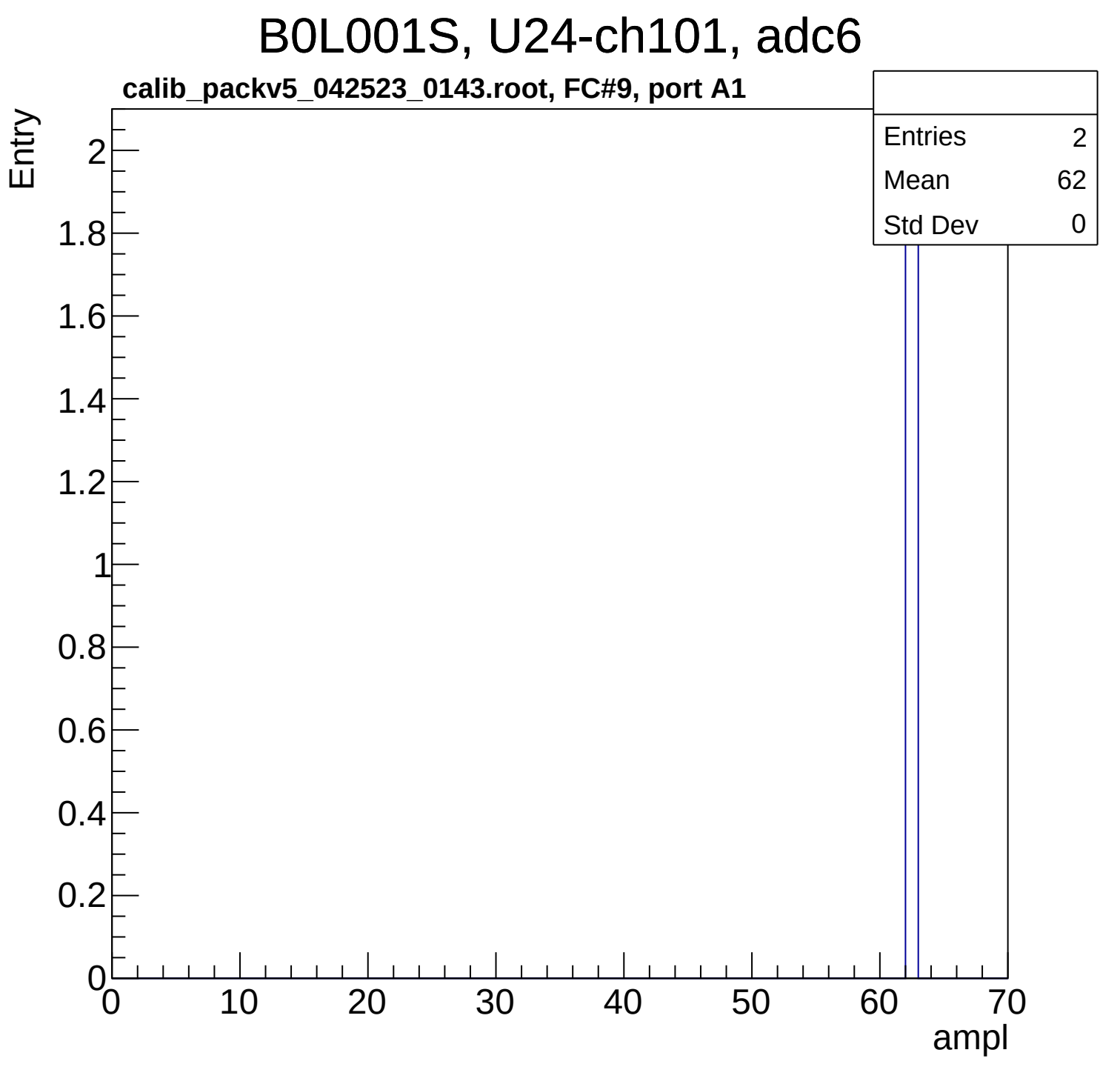
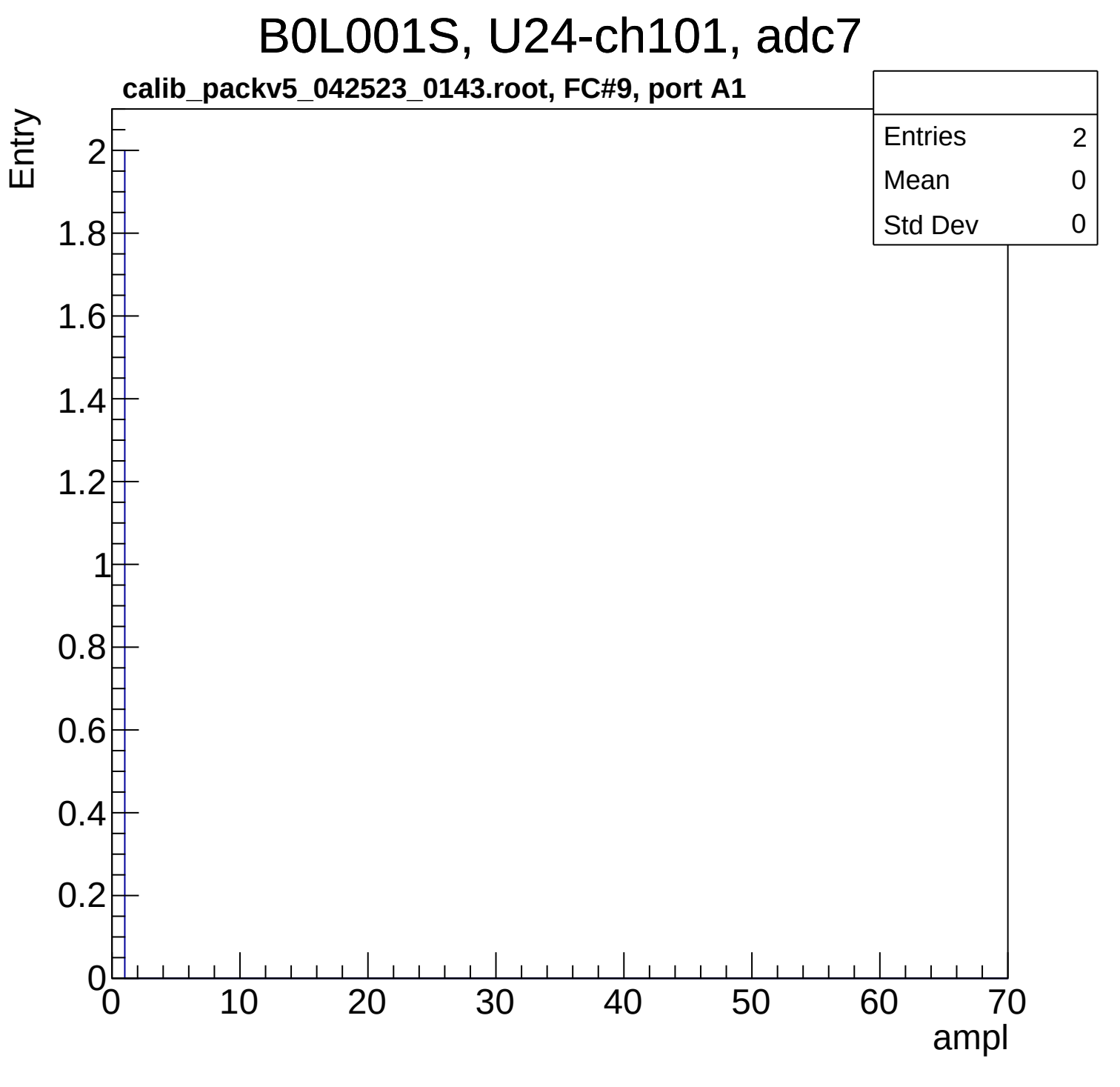
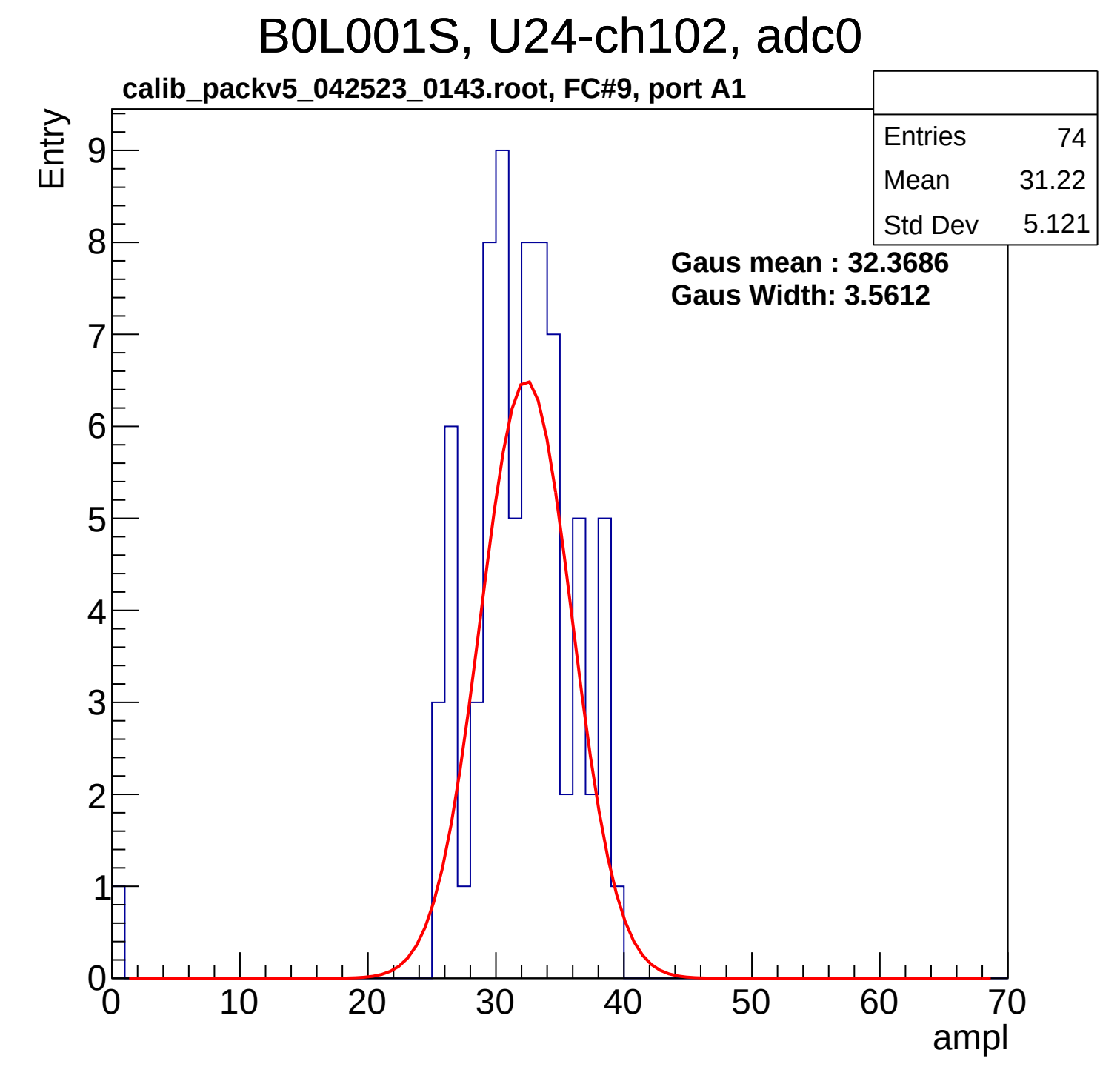

B0L001S, U24-ch101, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch101, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch102, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 31.22
Std Dev 5.121
Gaus mean : 32.3686
Gaus Width: 3.5612
Entry
ampl
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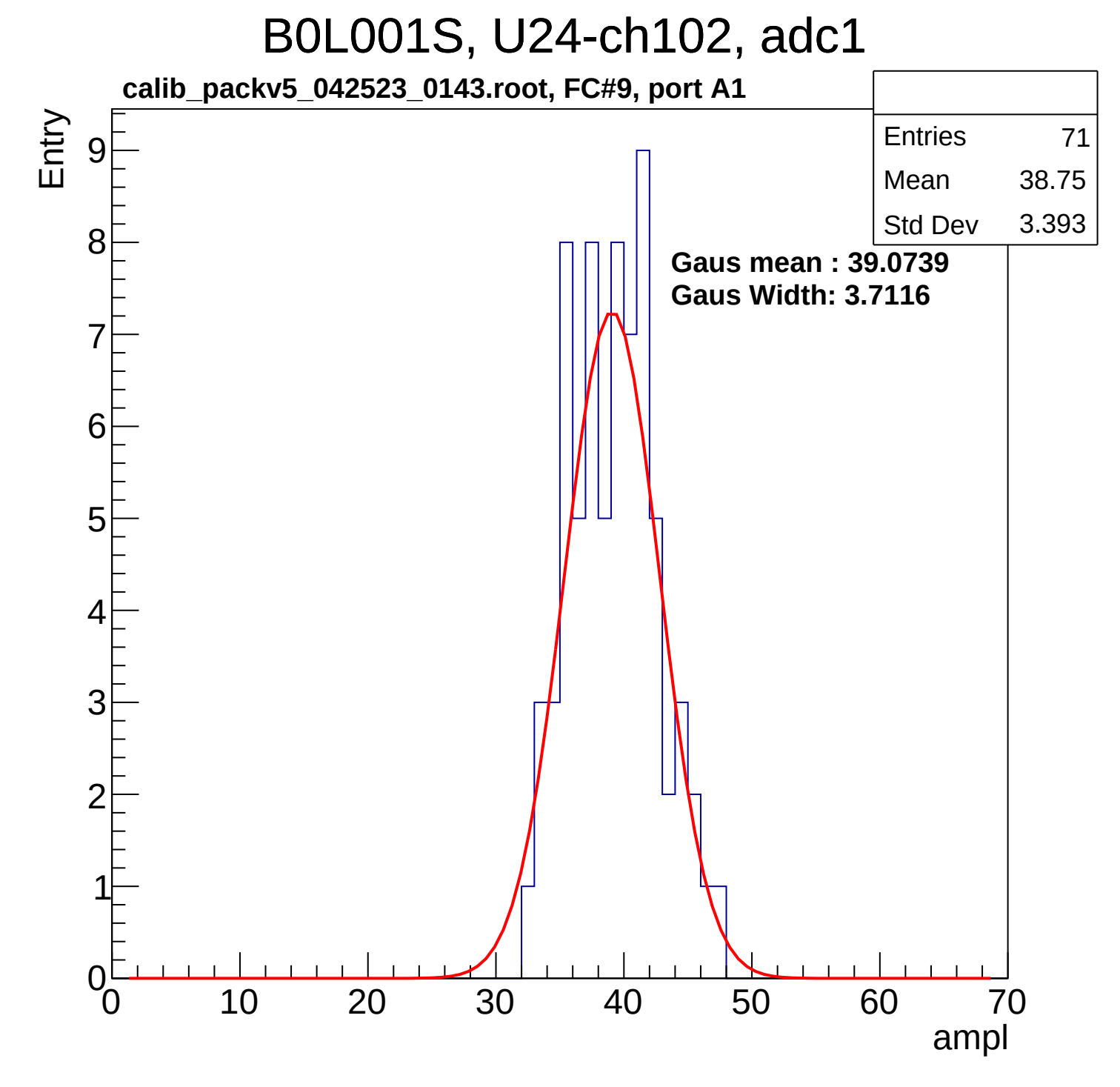
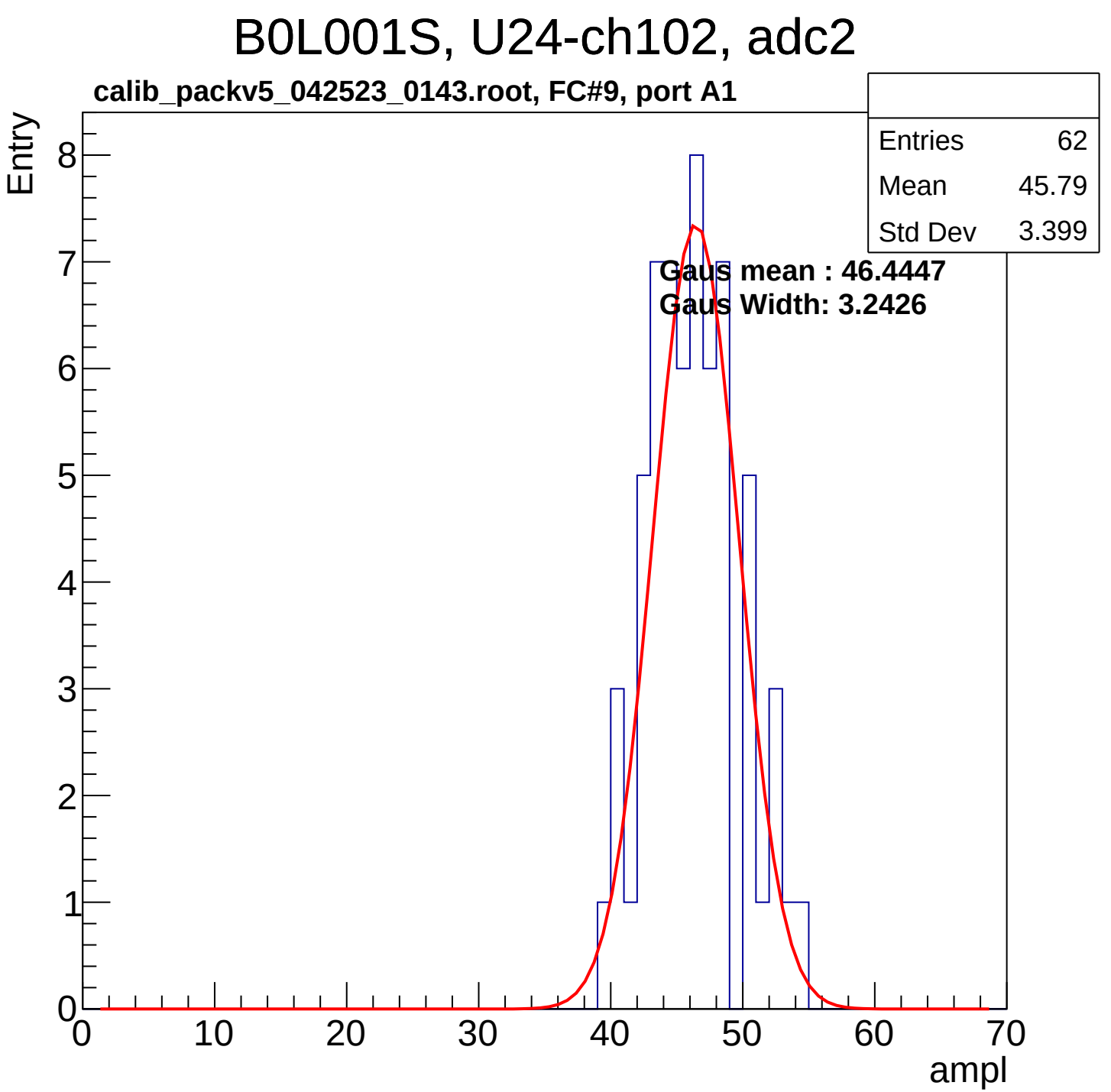
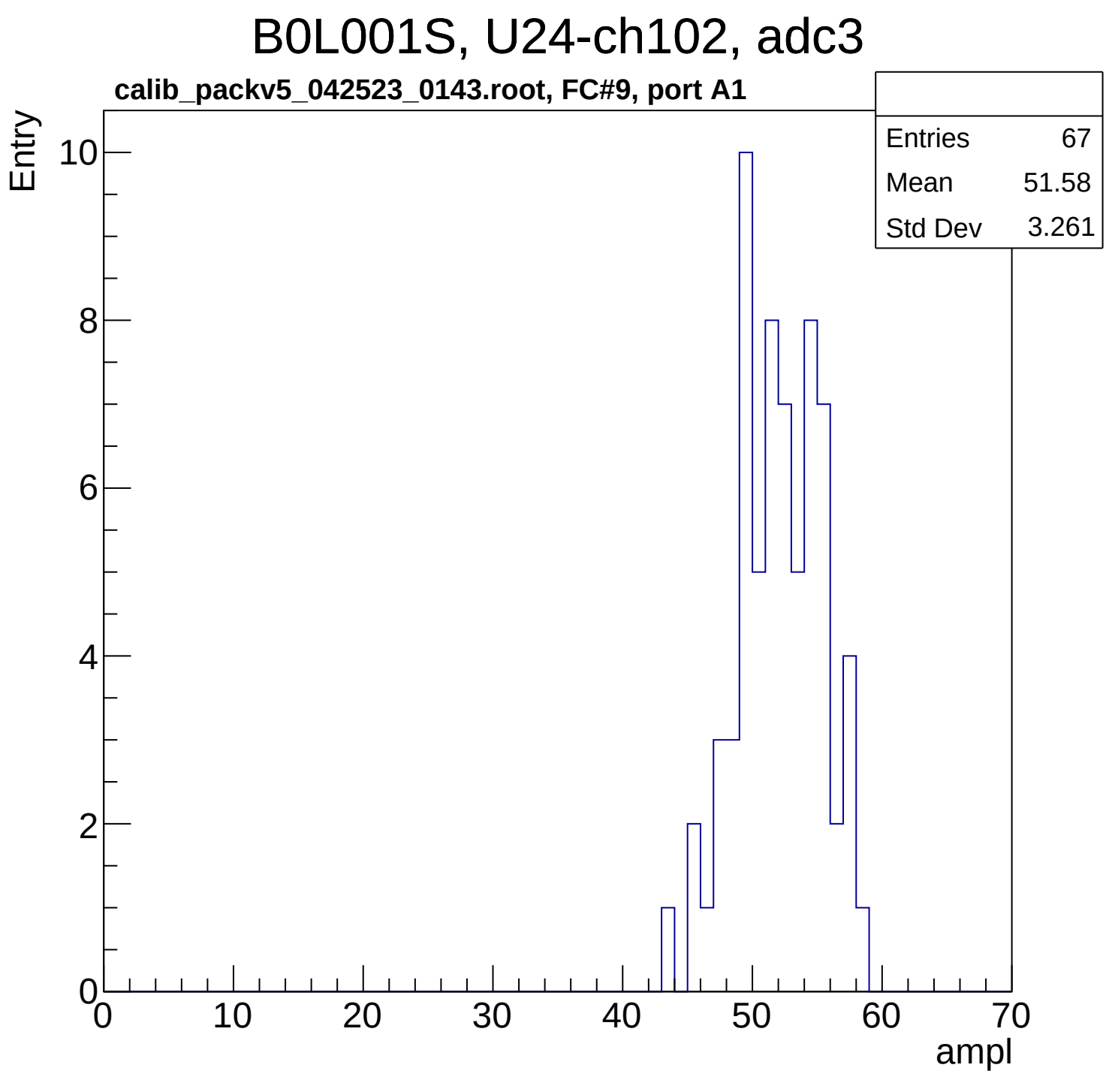
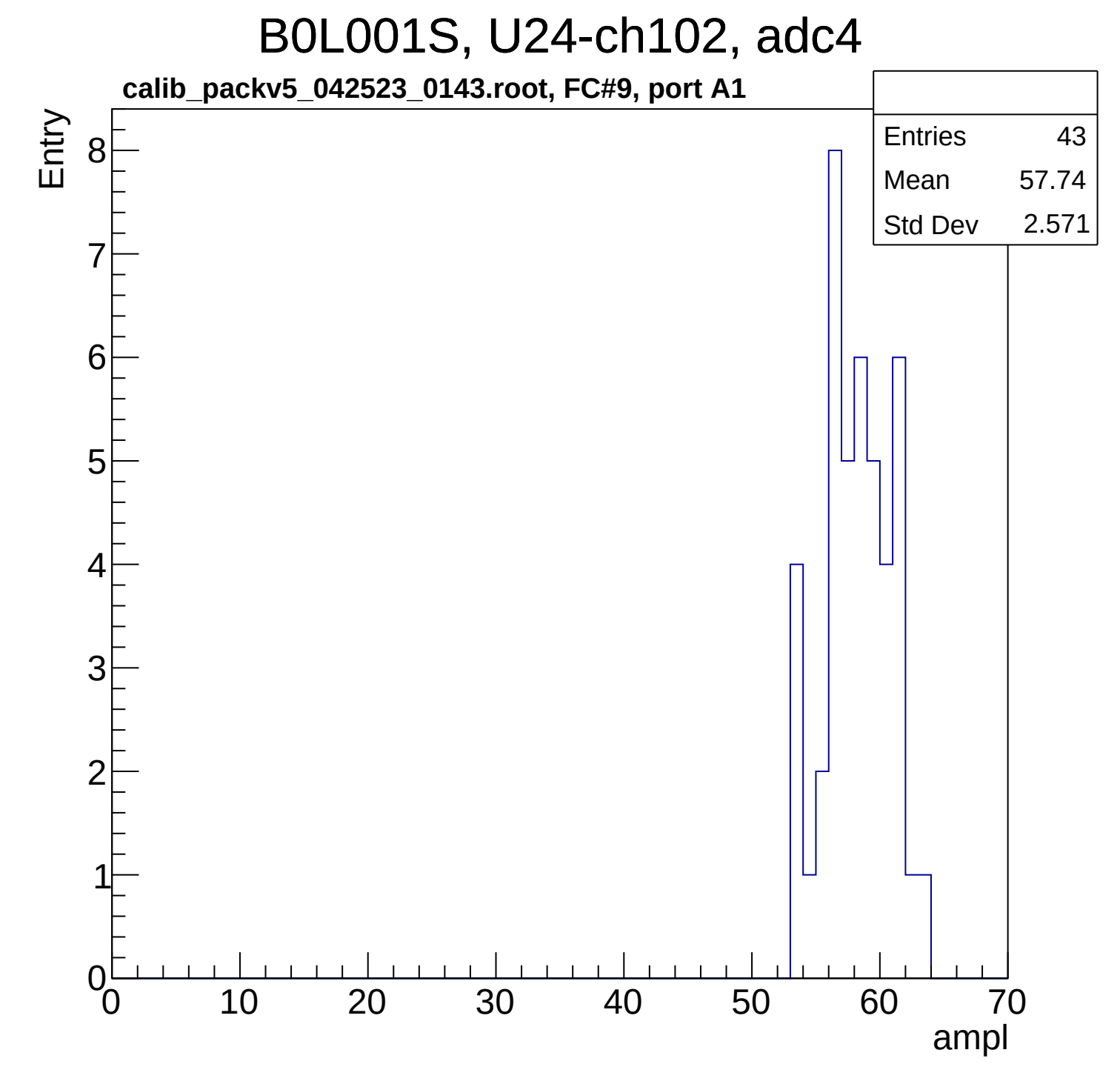
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch102, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 38.75
Std Dev 3.393
Gaus mean : 39.0739
Gaus Width: 3.7116
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch102, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 45.79
Std Dev 3.399
Gaus mean : 46.4447
Gaus Width: 3.2426
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch102, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 51.58
Std Dev 3.261
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch102, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 57.74
Std Dev 2.571
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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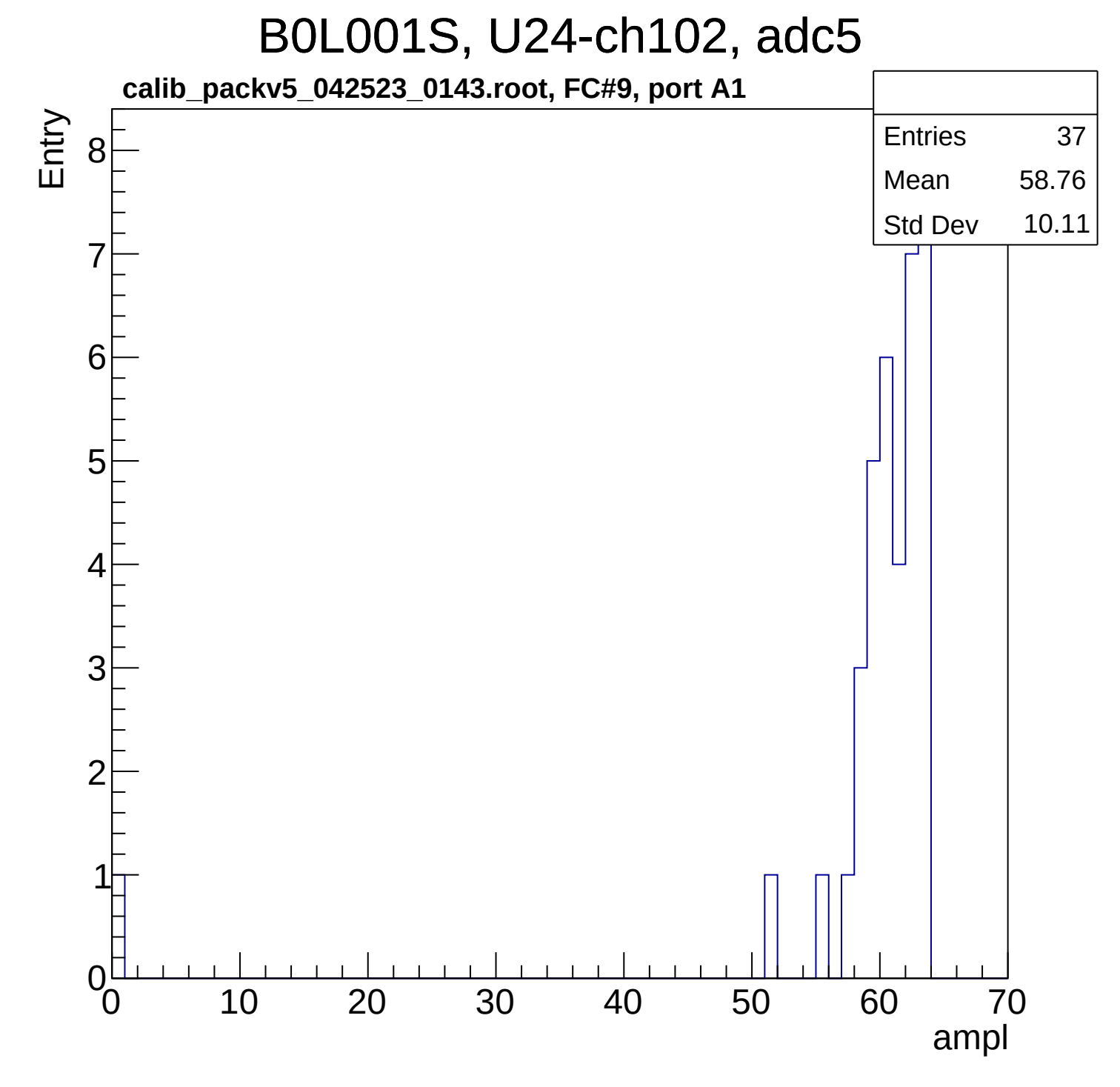
B0L001S, U24-ch102, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 37
Mean 58.76
Std Dev 10.11
Entry
ampl
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1
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3
4
5
6
7
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0
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20
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40
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60
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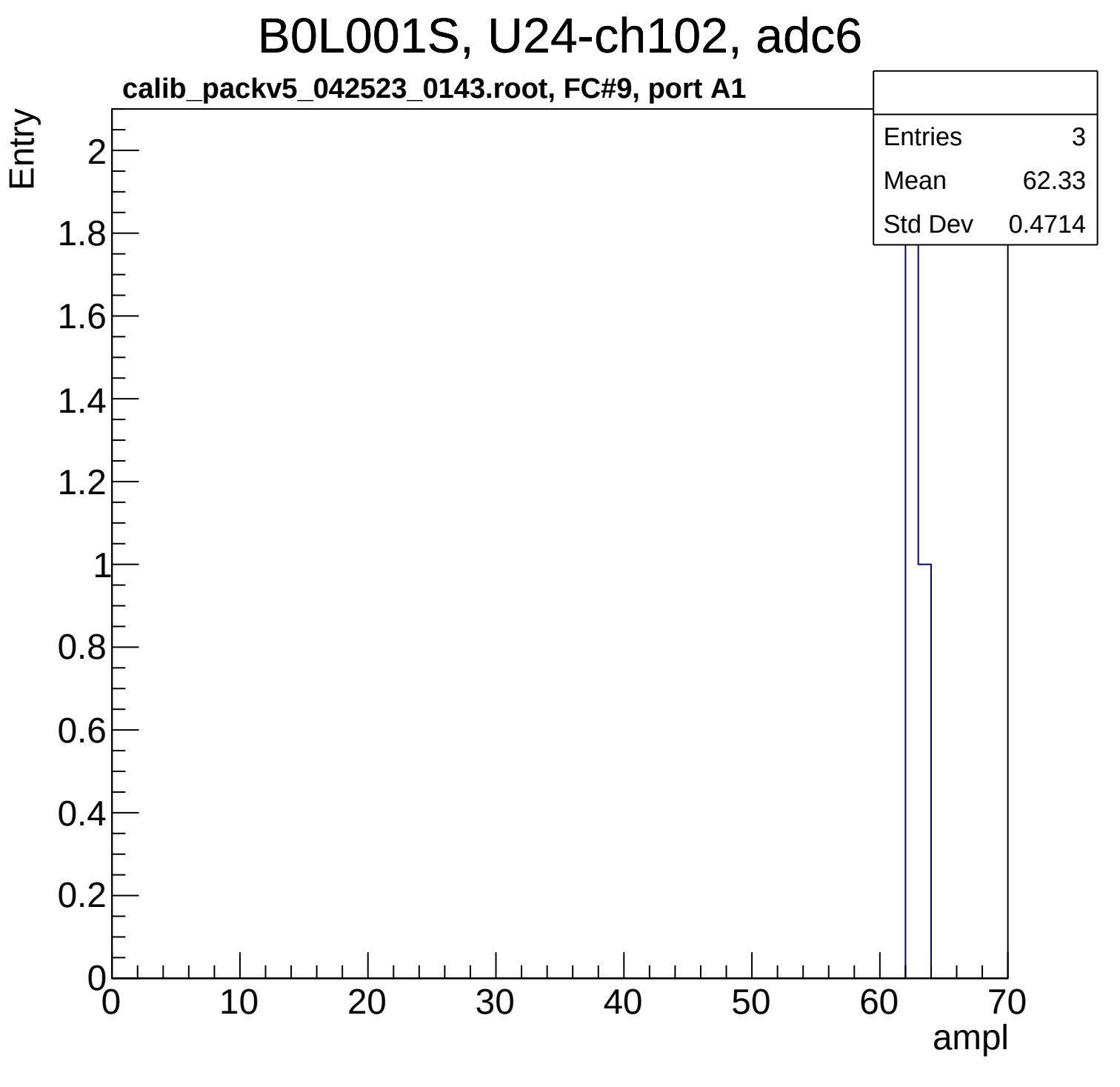
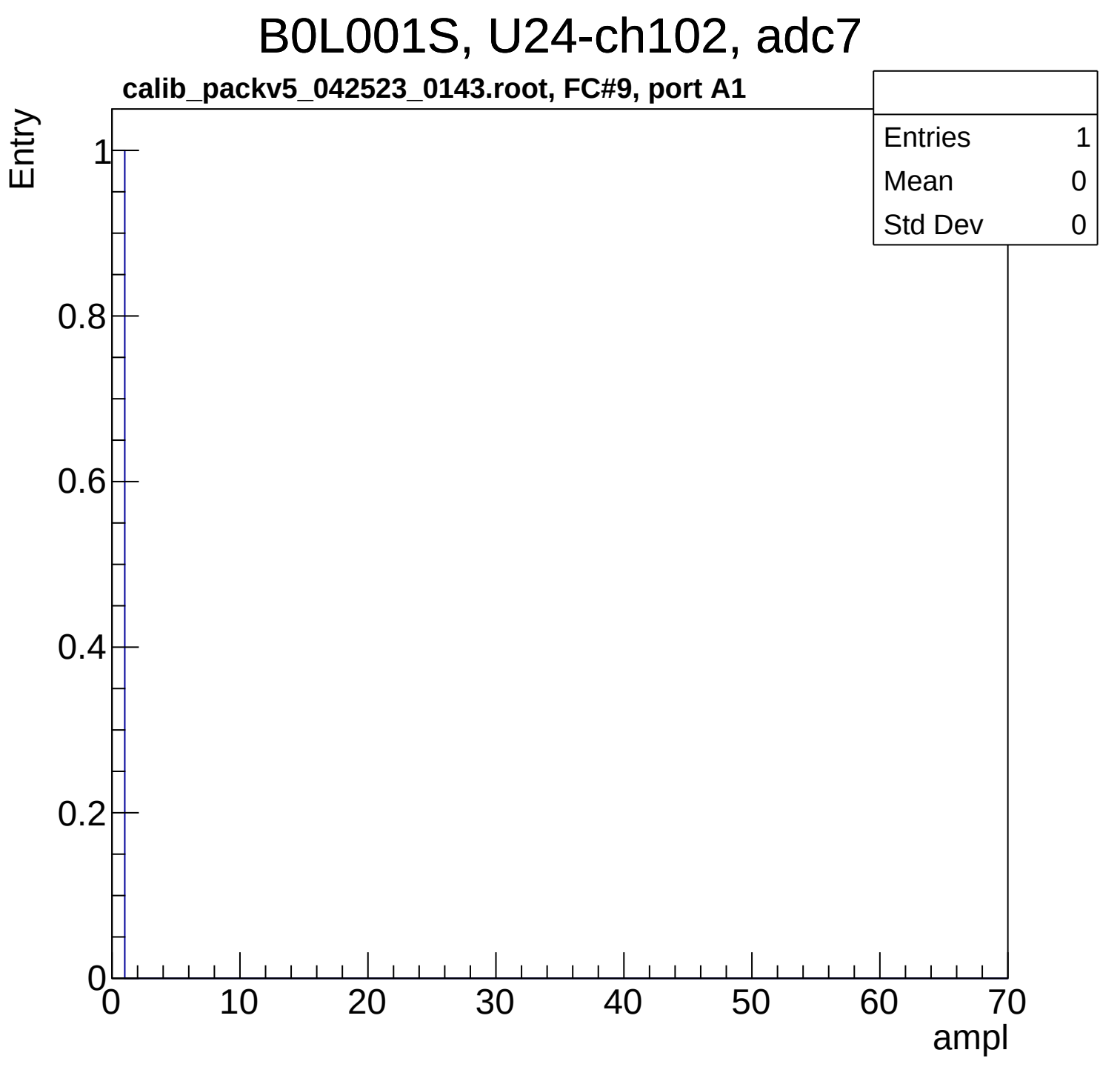

B0L001S, U24-ch102, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch102, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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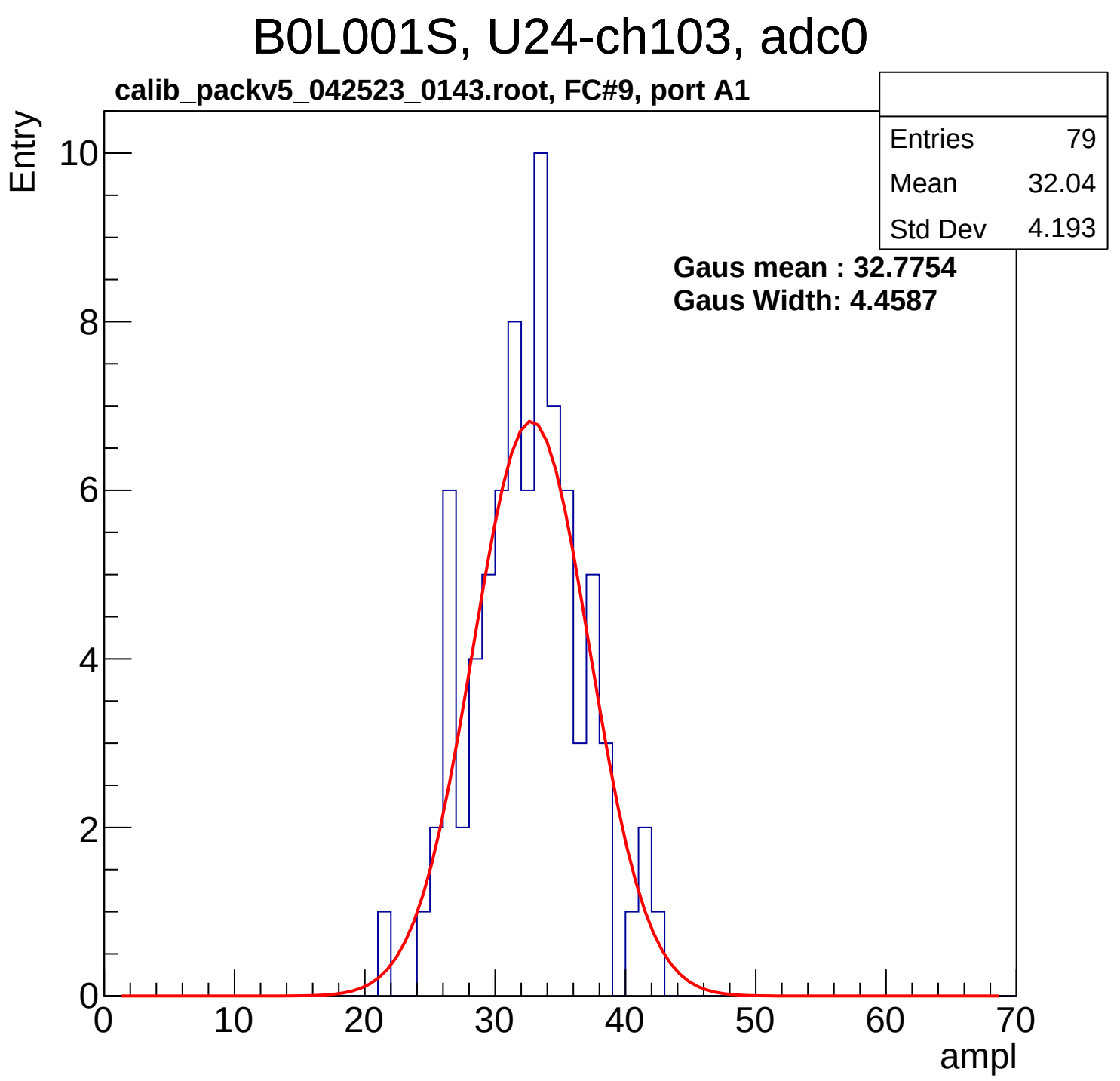
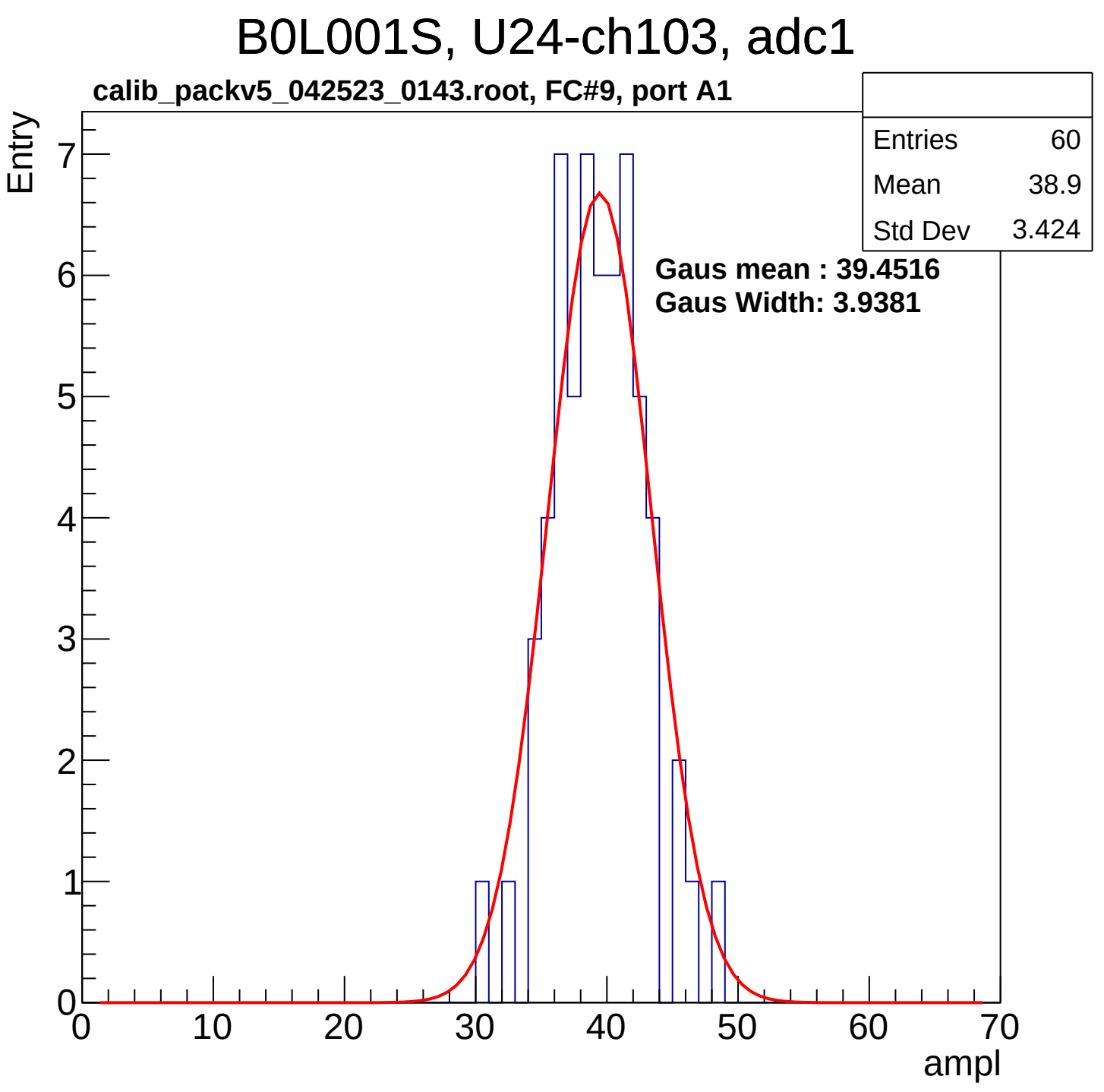
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch103, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 32.04
Std Dev 4.193
Gaus mean : 32.7754
Gaus Width: 4.4587
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch103, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 38.9
Std Dev 3.424
Gaus mean : 39.4516
Gaus Width: 3.9381
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
50
60
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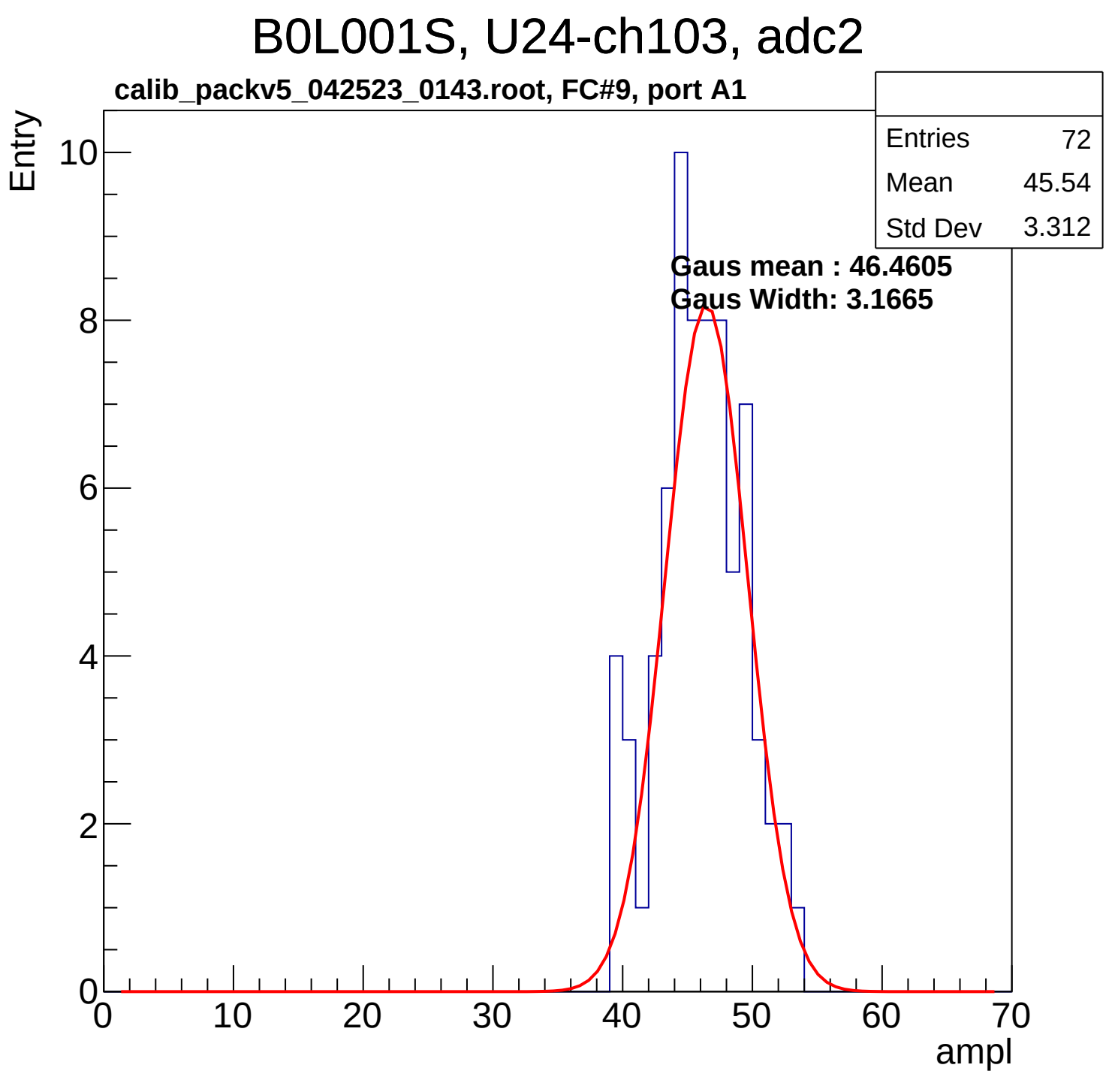
B0L001S, U24-ch103, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 45.54
Std Dev 3.312
Gaus mean : 46.4605
Gaus Width: 3.1665
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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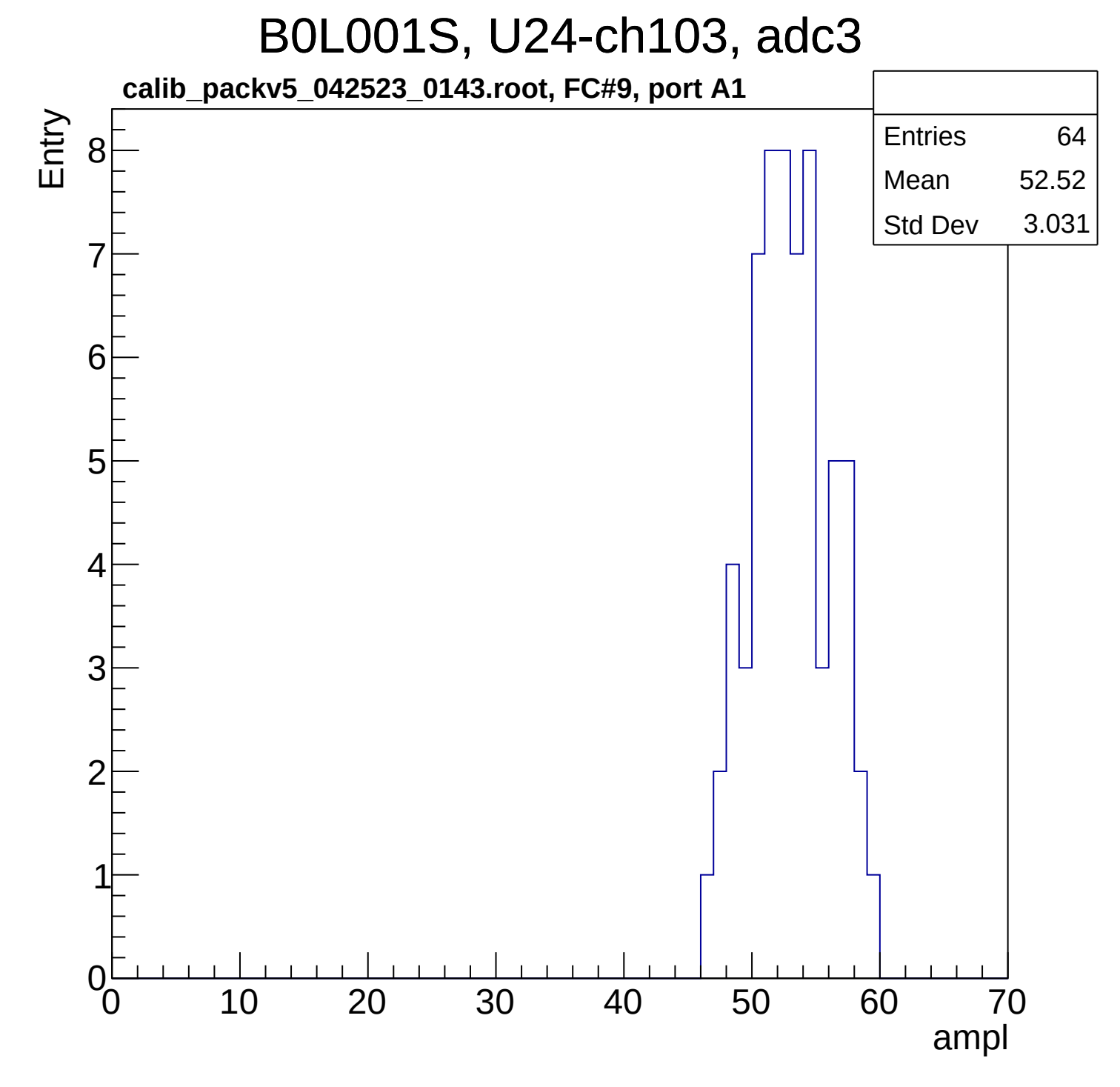
B0L001S, U24-ch103, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 52.52
Std Dev 3.031
Entry
ampl
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3
4
5
6
7
8
0
10
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40
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60
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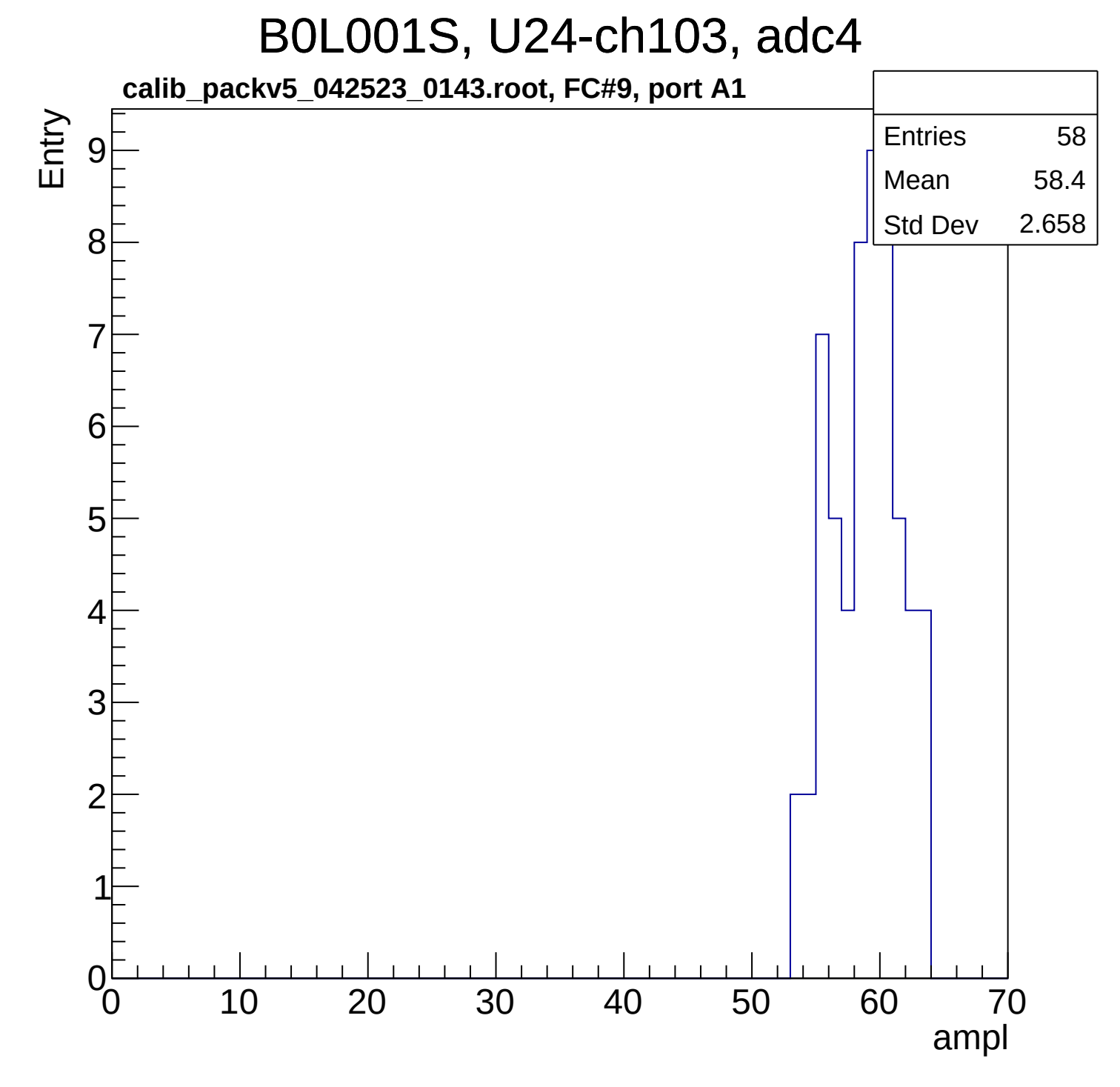
B0L001S, U24-ch103, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 58.4
Std Dev 2.658
Entry
ampl
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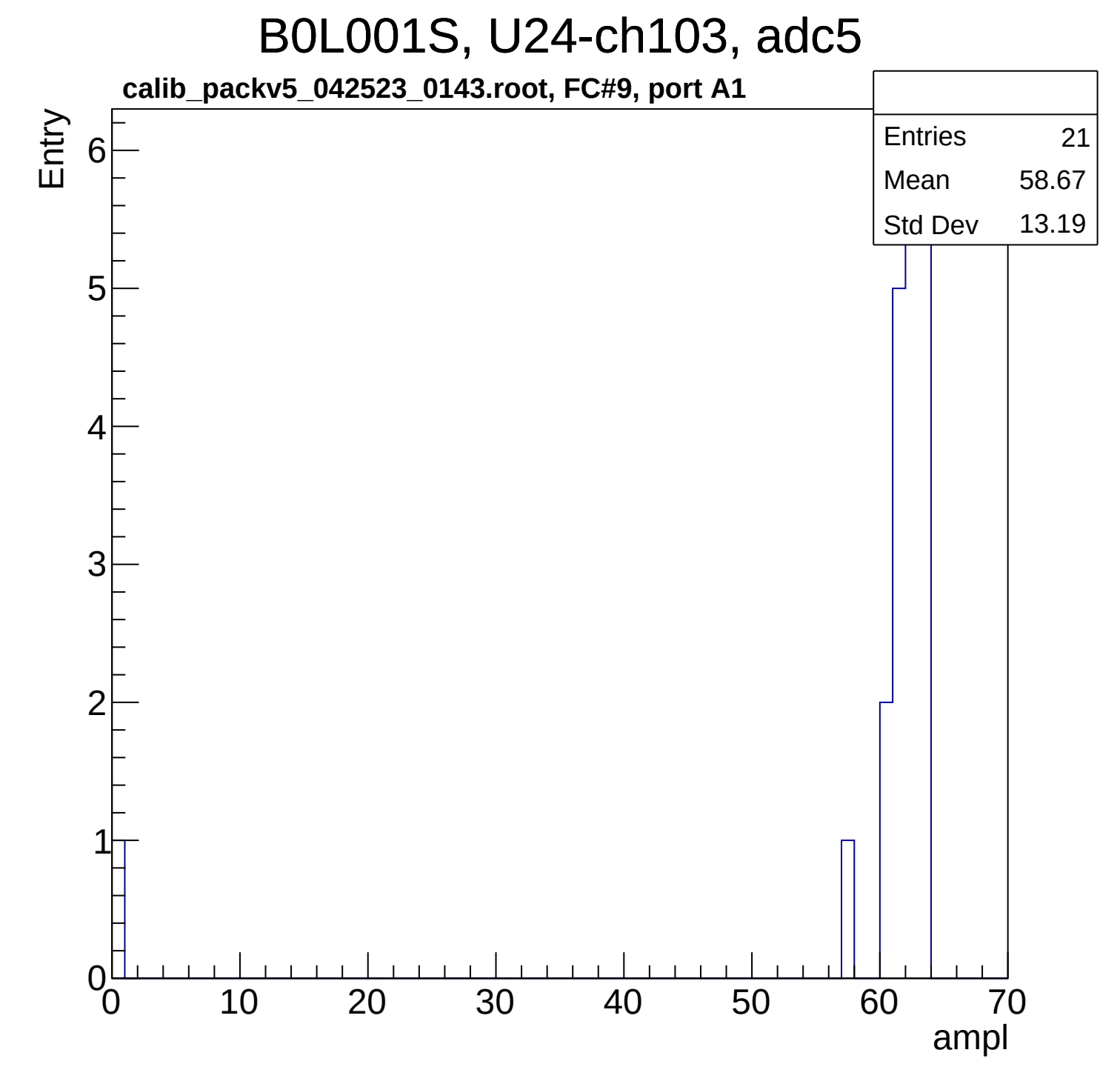
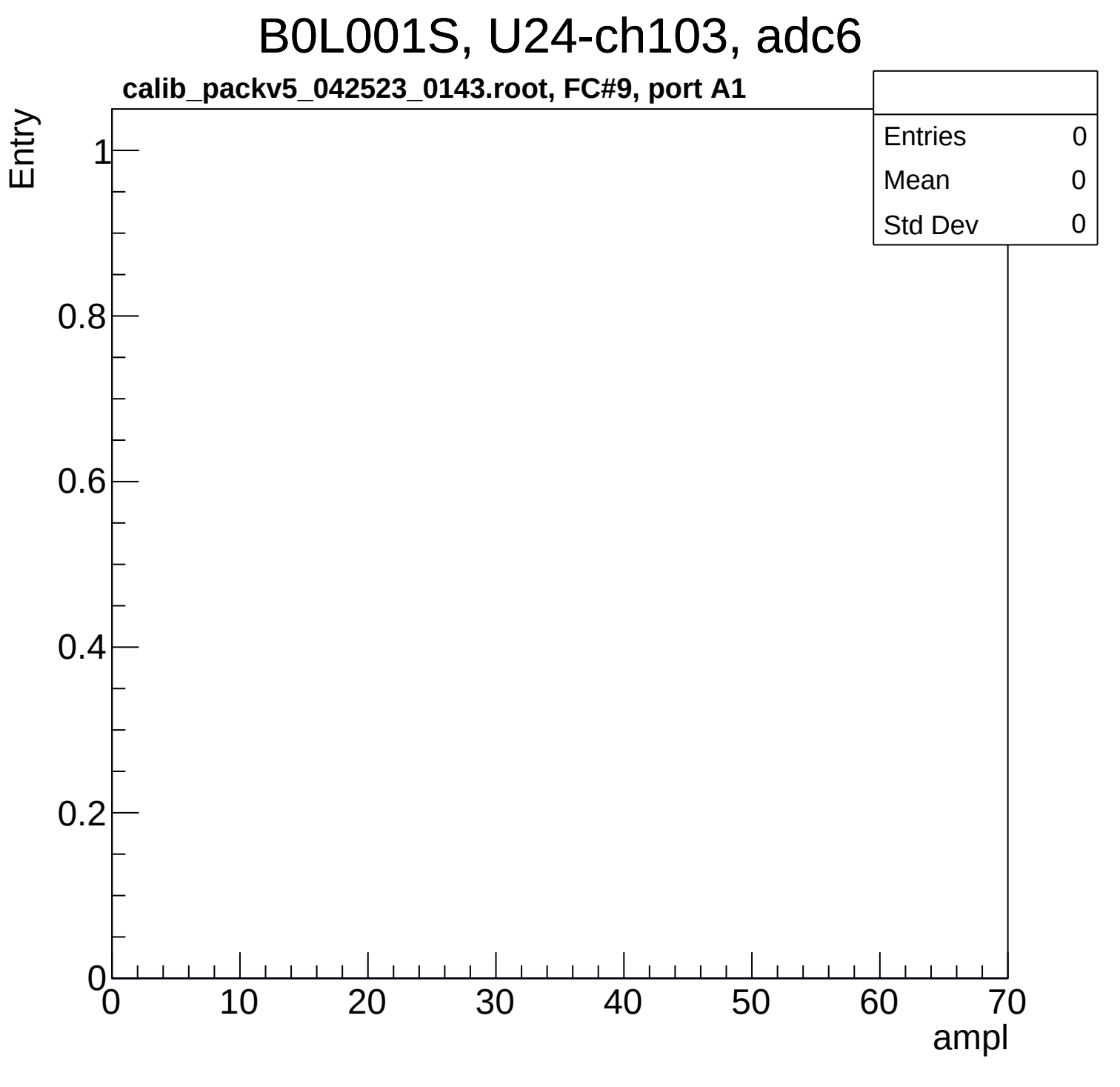
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch103, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 21
Mean 58.67
Std Dev 13.19
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch103, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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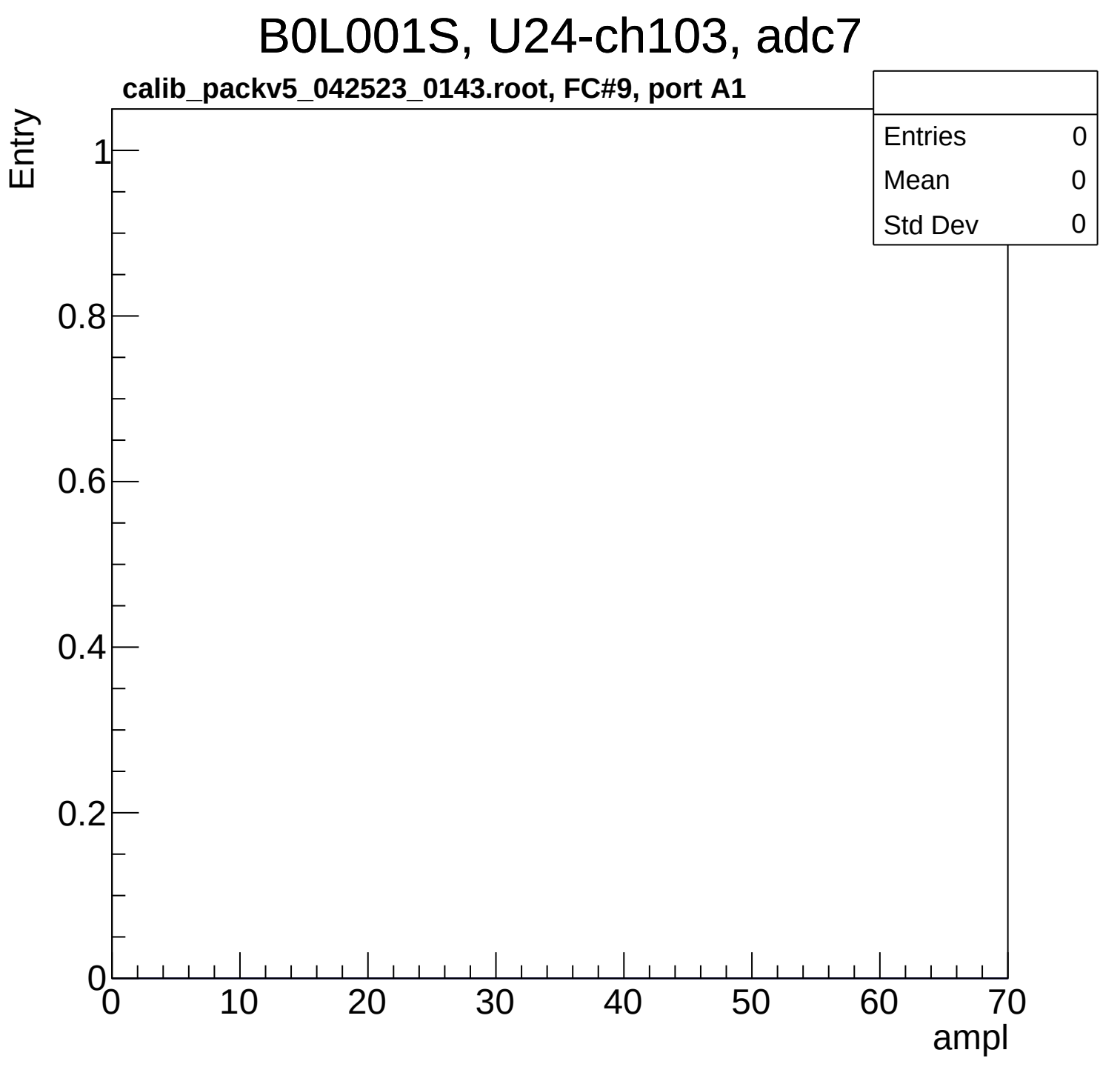
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch103, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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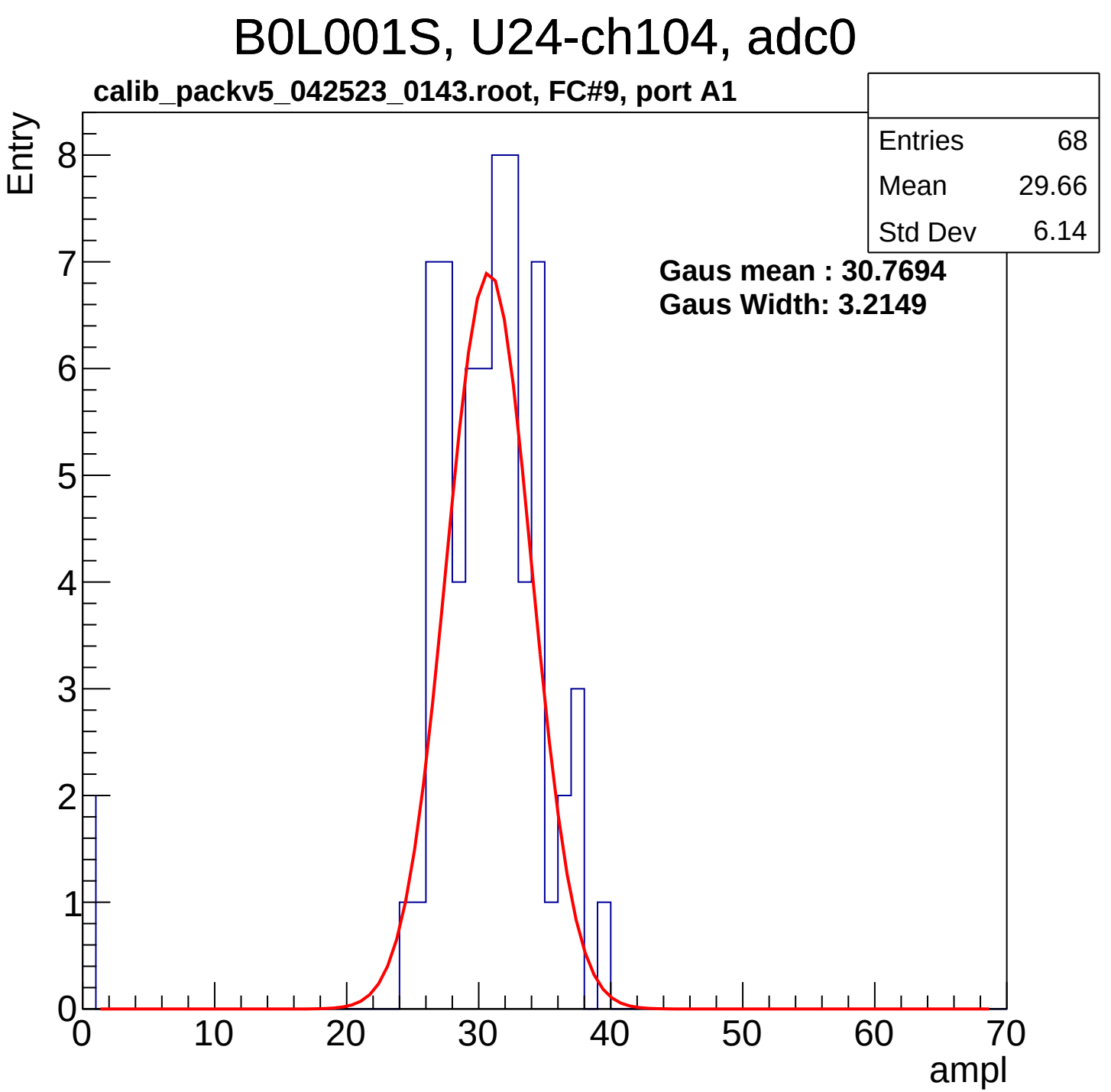
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch104, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 29.66
Std Dev 6.14
Gaus mean : 30.7694
Gaus Width: 3.2149
Entry
ampl
0
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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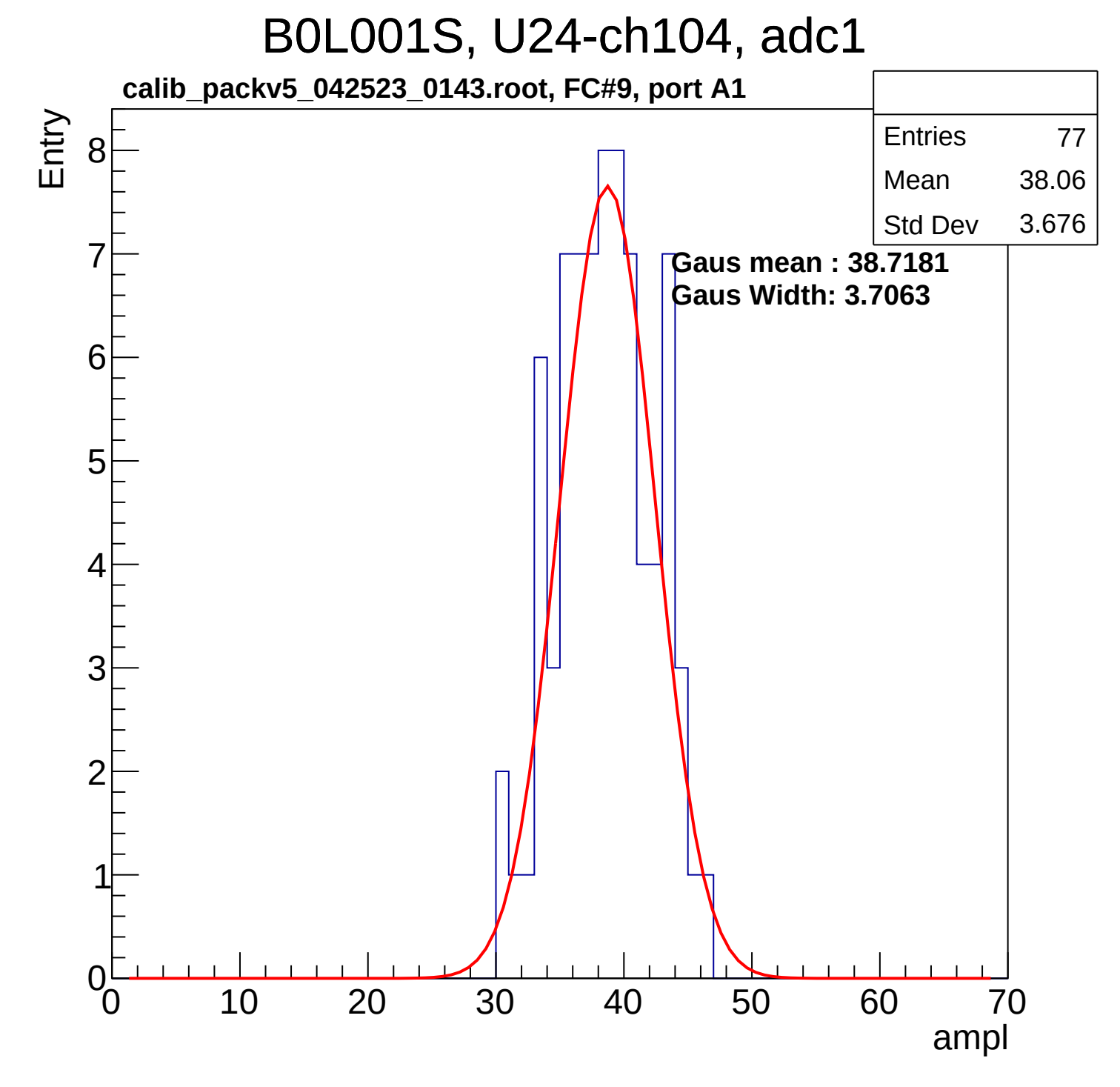
B0L001S, U24-ch104, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 38.06
Std Dev 3.676
Gaus mean : 38.7181
Gaus Width: 3.7063
Entry
ampl
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2
3
4
5
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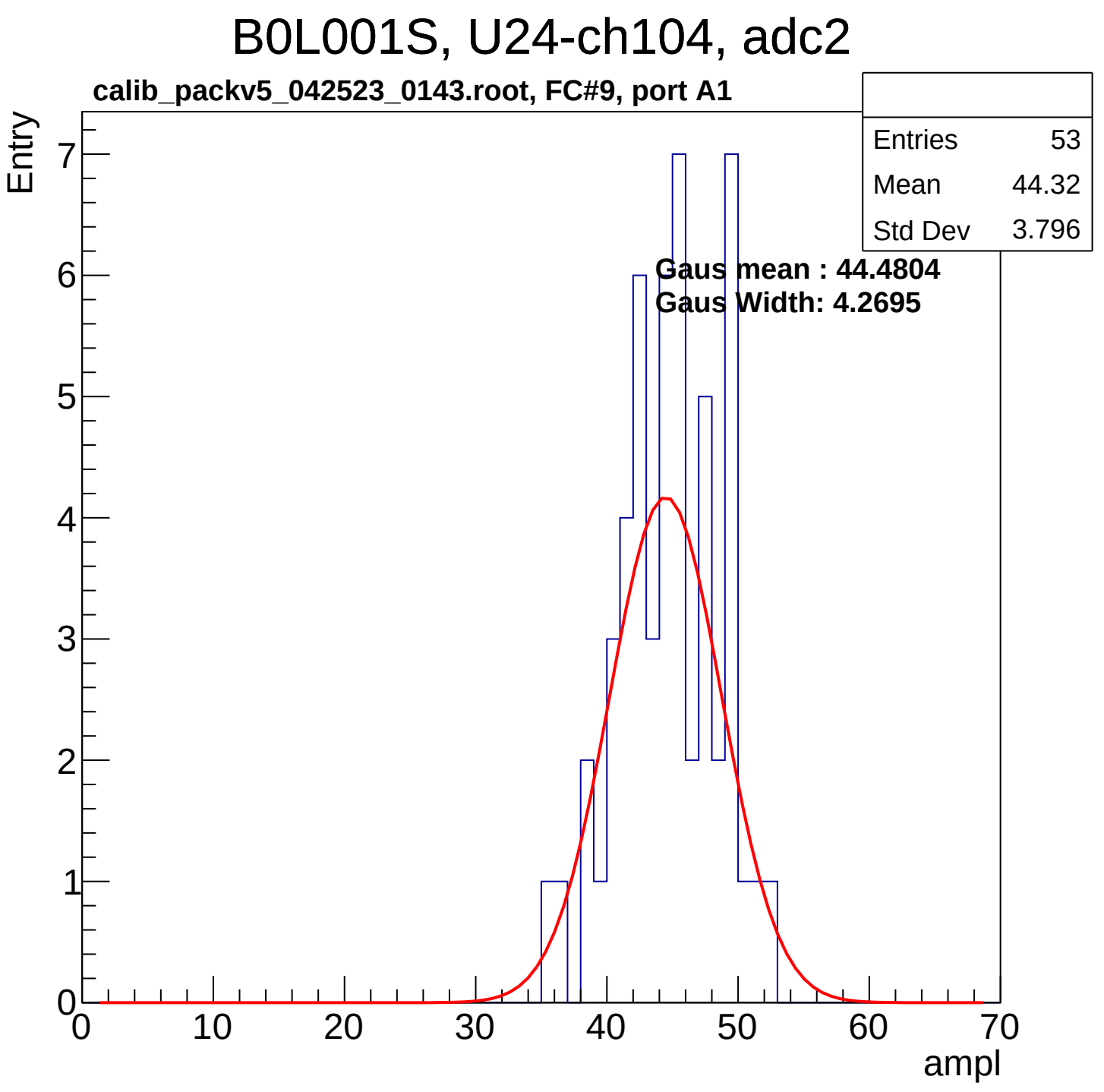
B0L001S, U24-ch104, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 44.32
Std Dev 3.796
Gaus mean : 44.4804
Gaus Width: 4.2695
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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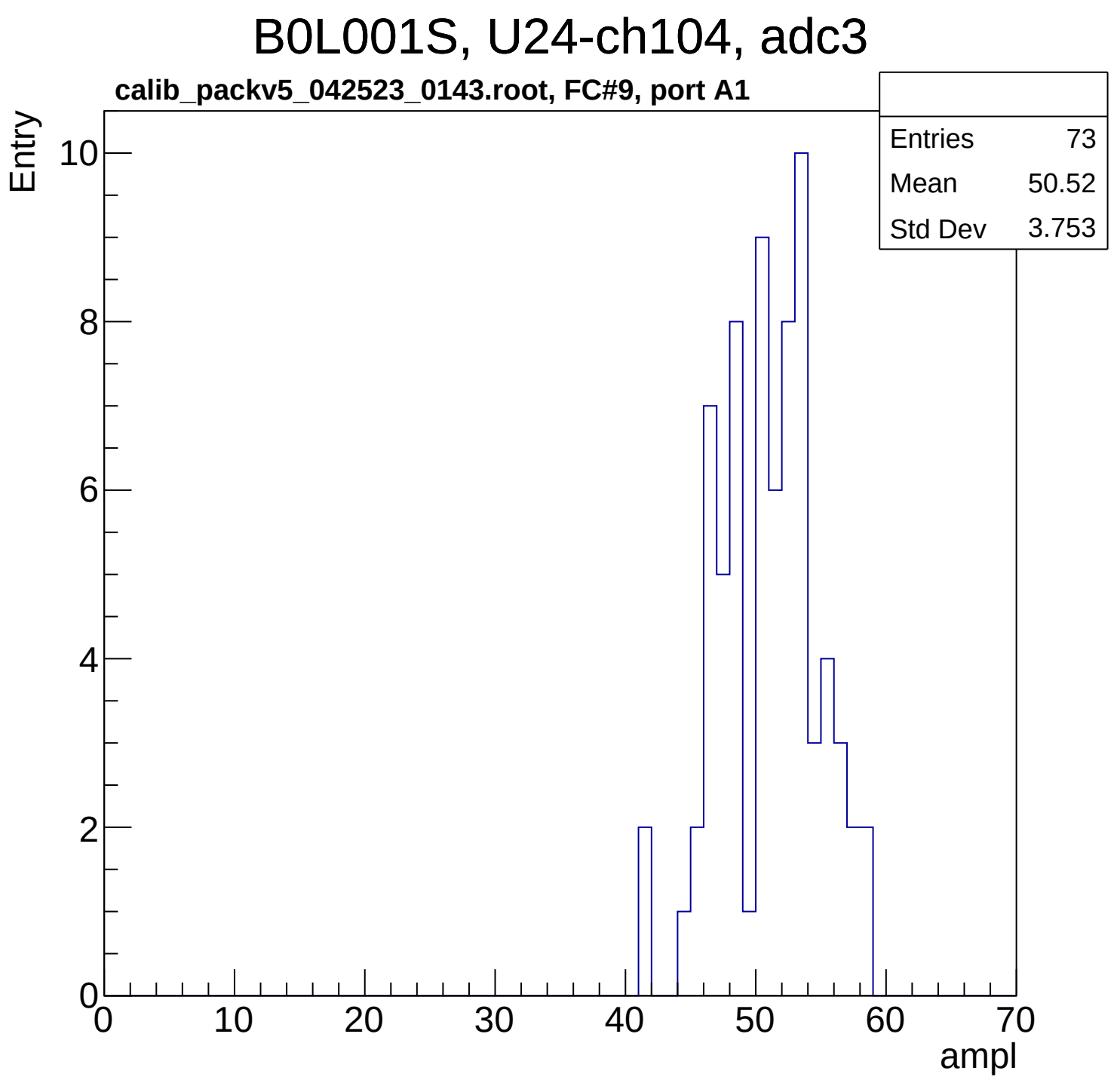
B0L001S, U24-ch104, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 50.52
Std Dev 3.753
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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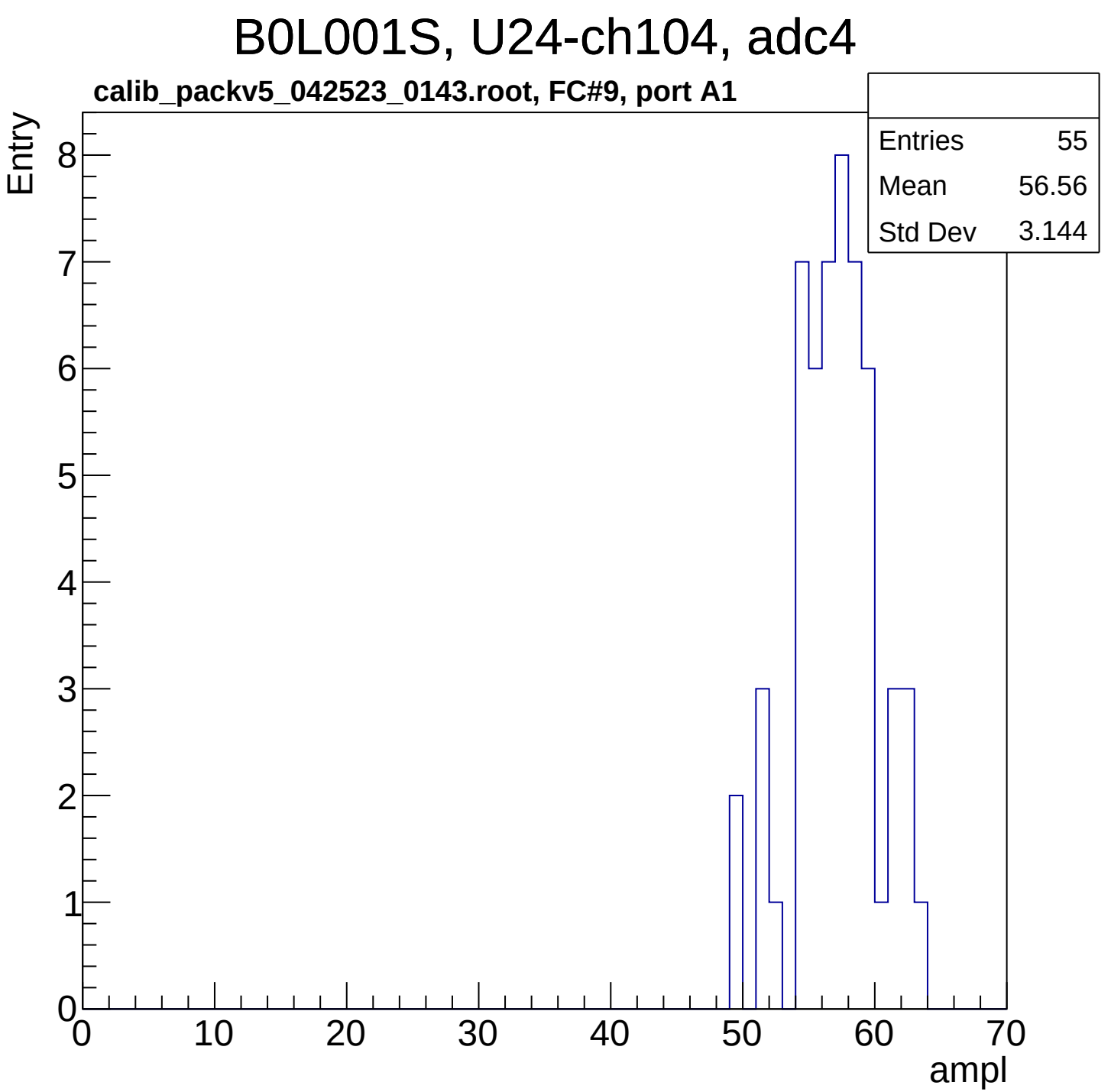
B0L001S, U24-ch104, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 56.56
Std Dev 3.144
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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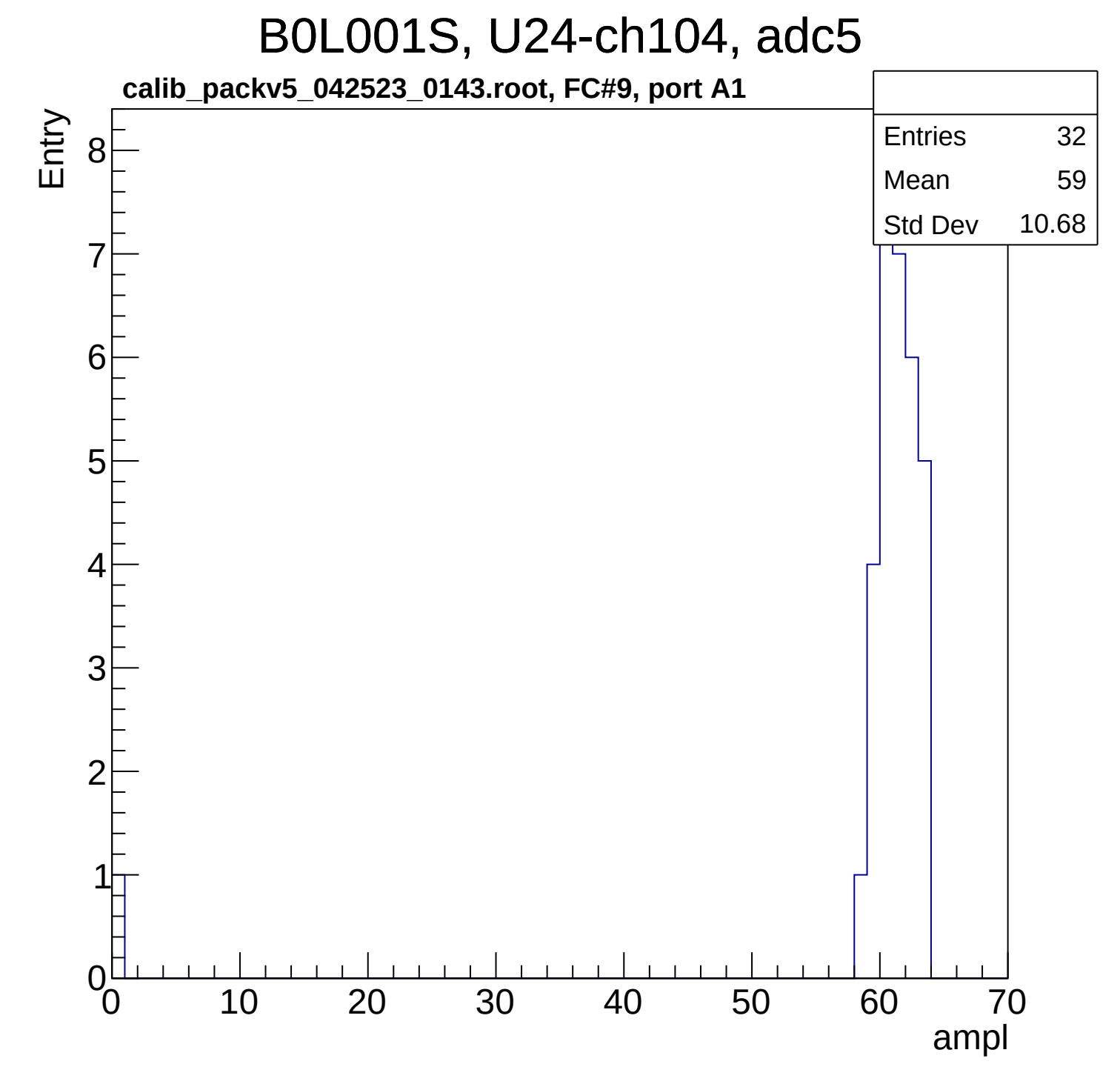
B0L001S, U24-ch104, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 32
Mean 59
Std Dev 10.68
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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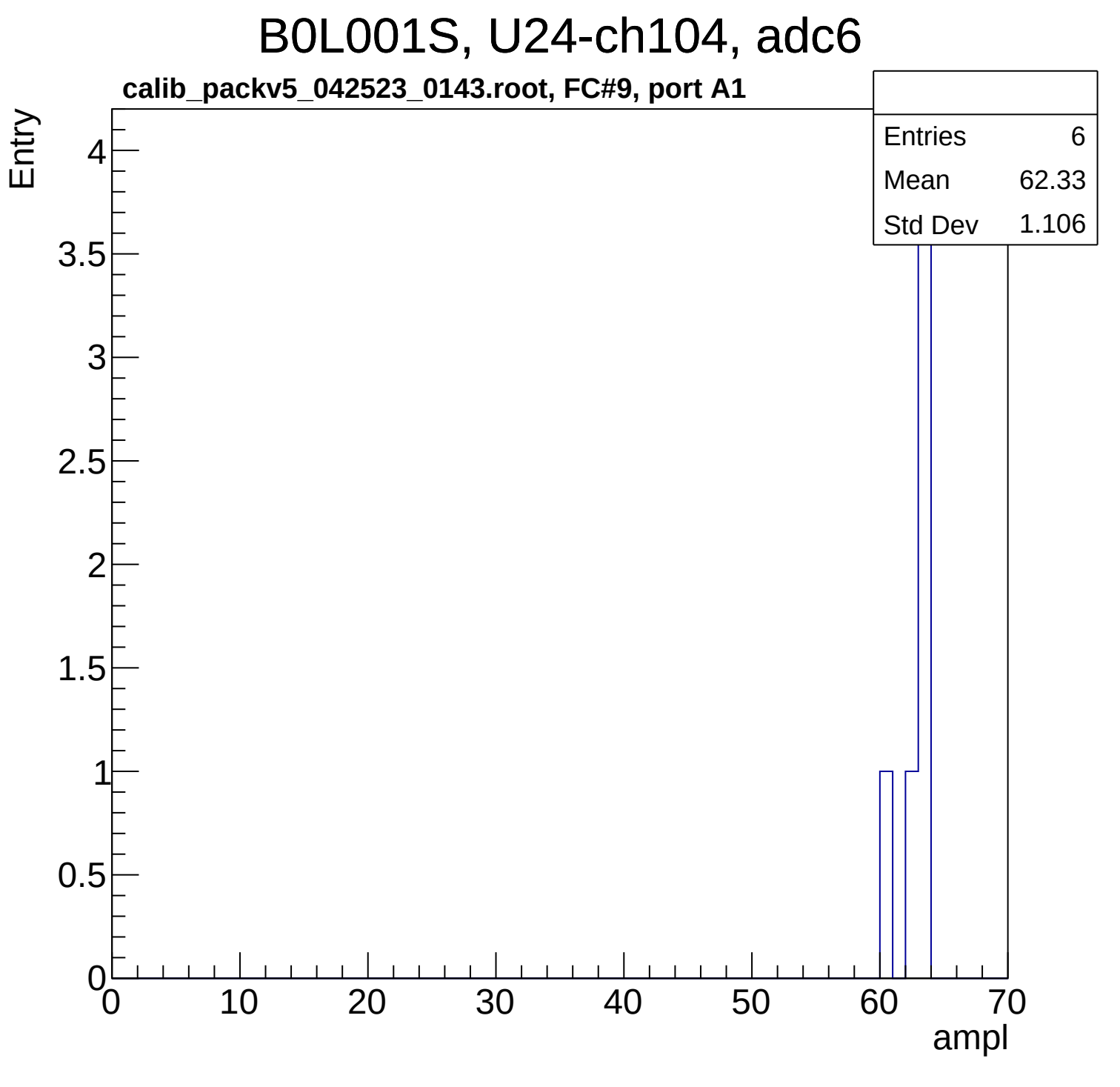
B0L001S, U24-ch104, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 62.33
Std Dev 1.106
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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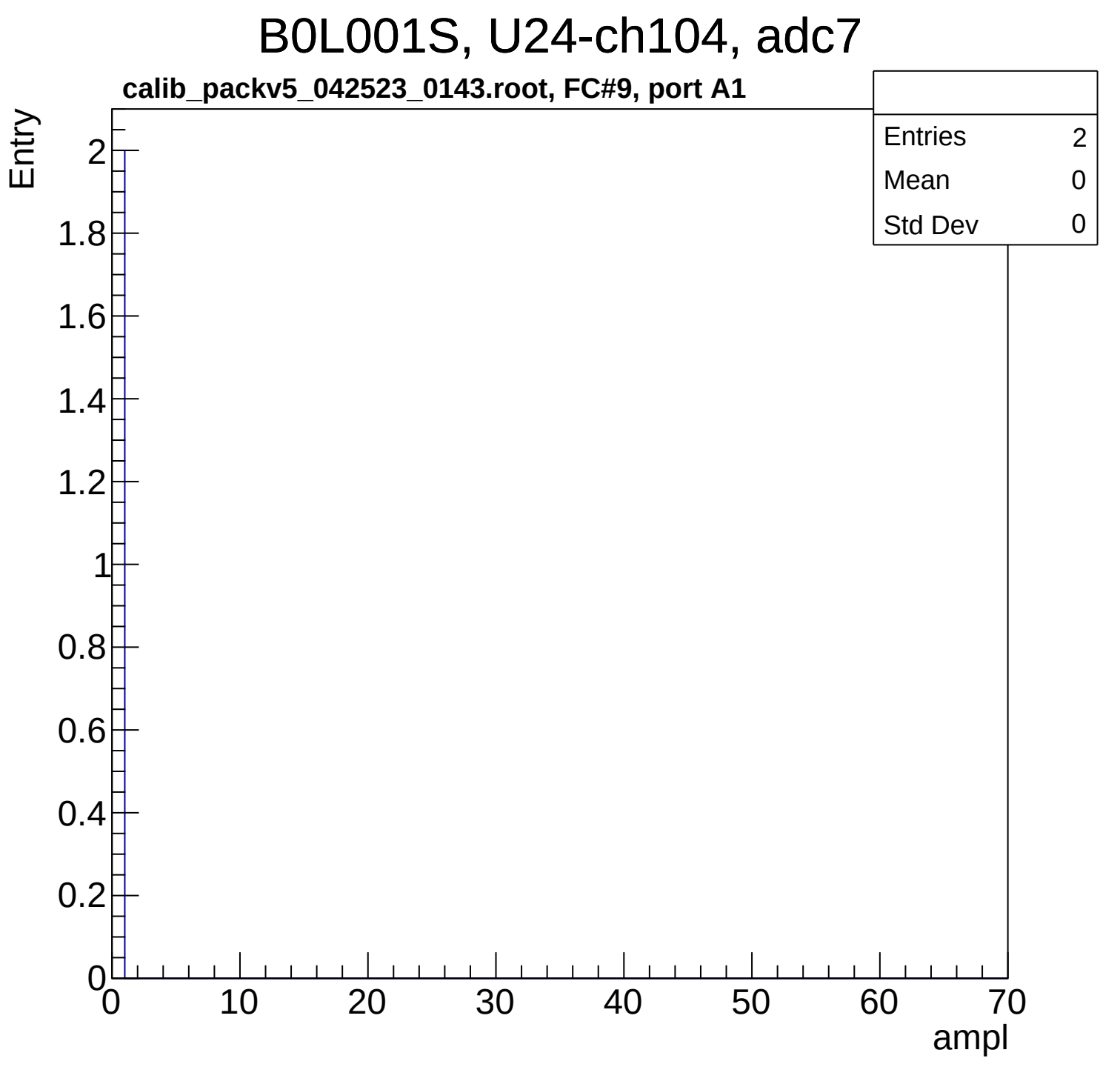
B0L001S, U24-ch104, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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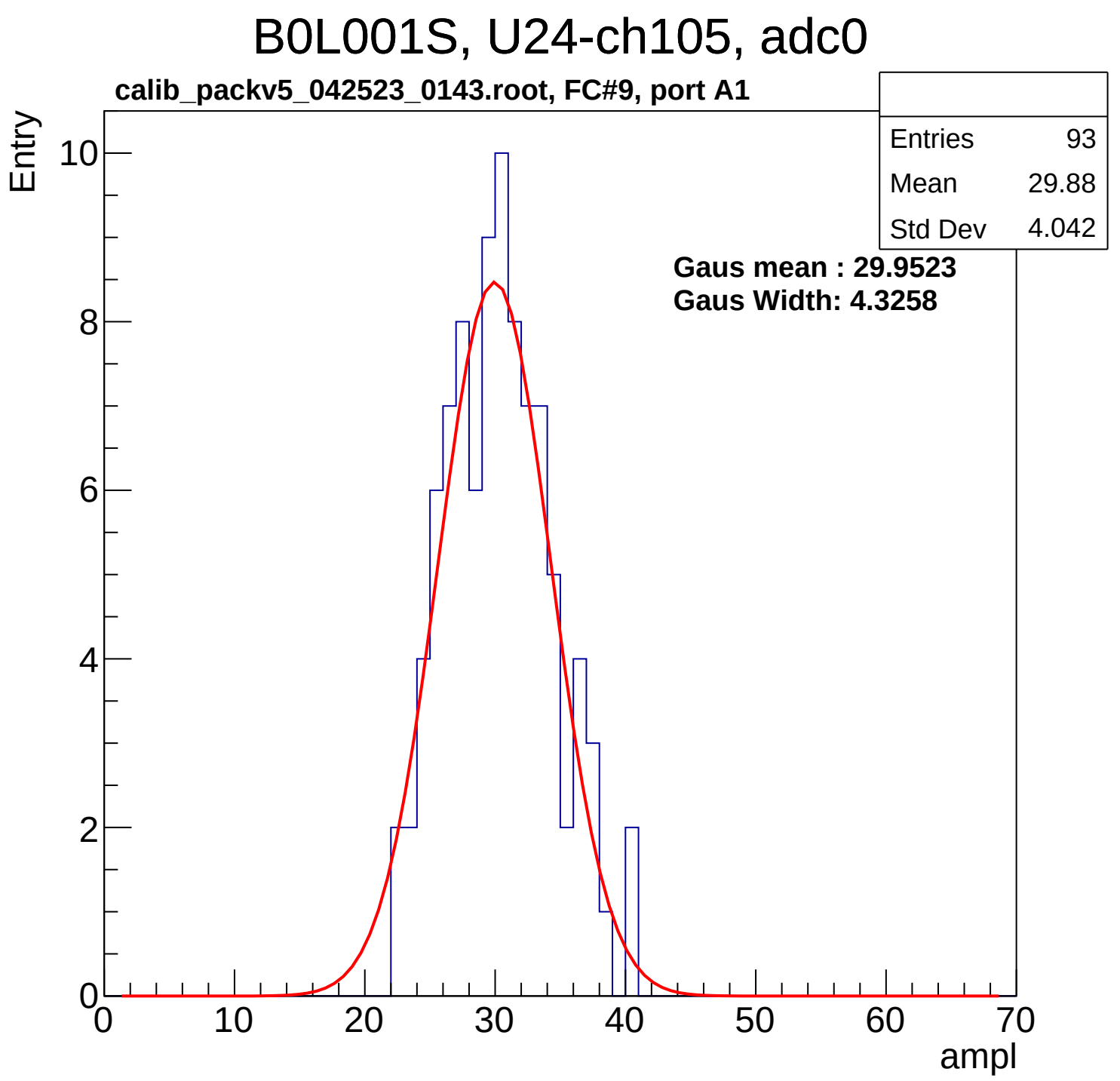
B0L001S, U24-ch105, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 93
Mean 29.88
Std Dev 4.042
Gaus mean : 29.9523
Gaus Width: 4.3258
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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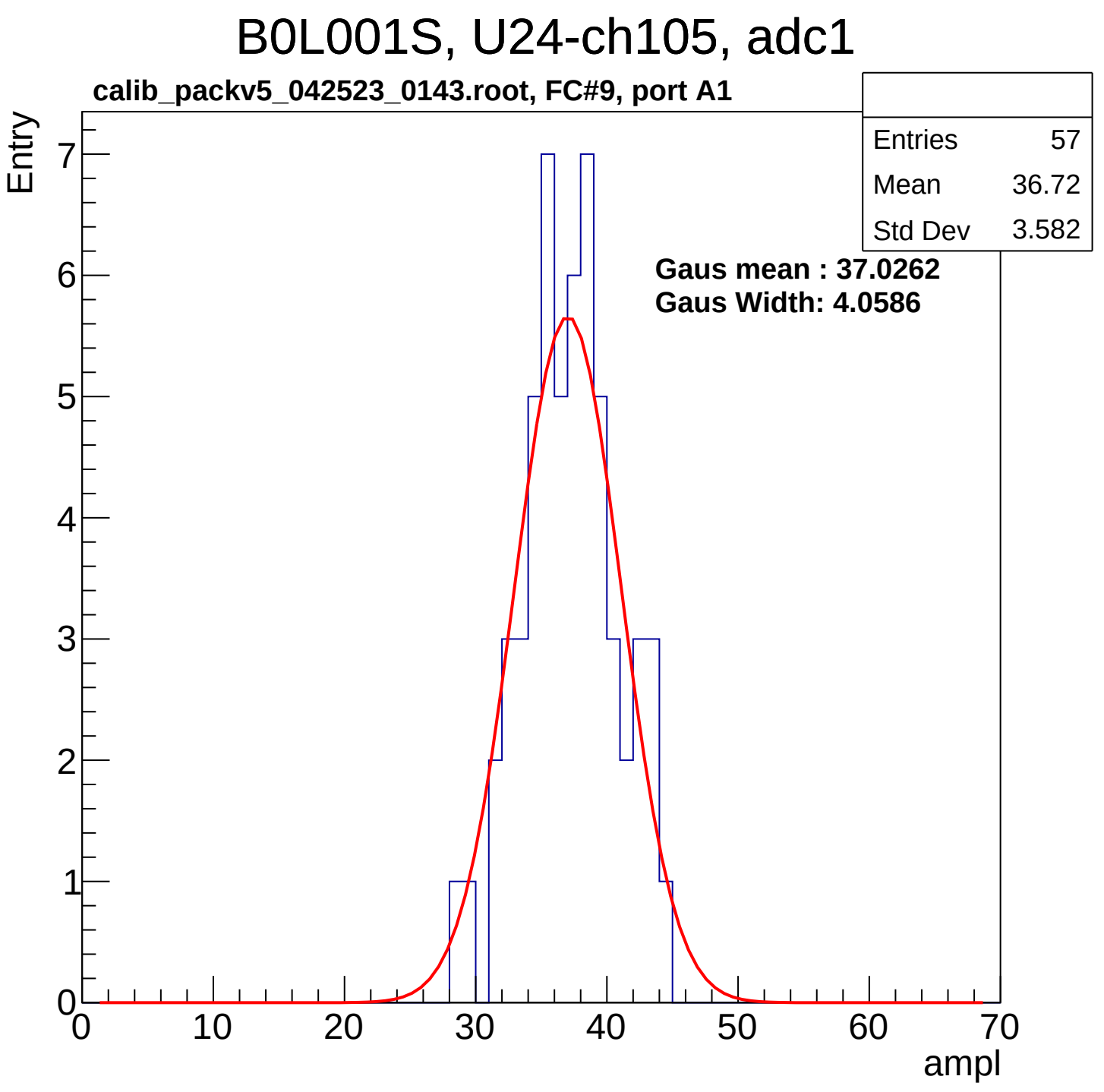
B0L001S, U24-ch105, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 36.72
Std Dev 3.582
Gaus mean : 37.0262
Gaus Width: 4.0586
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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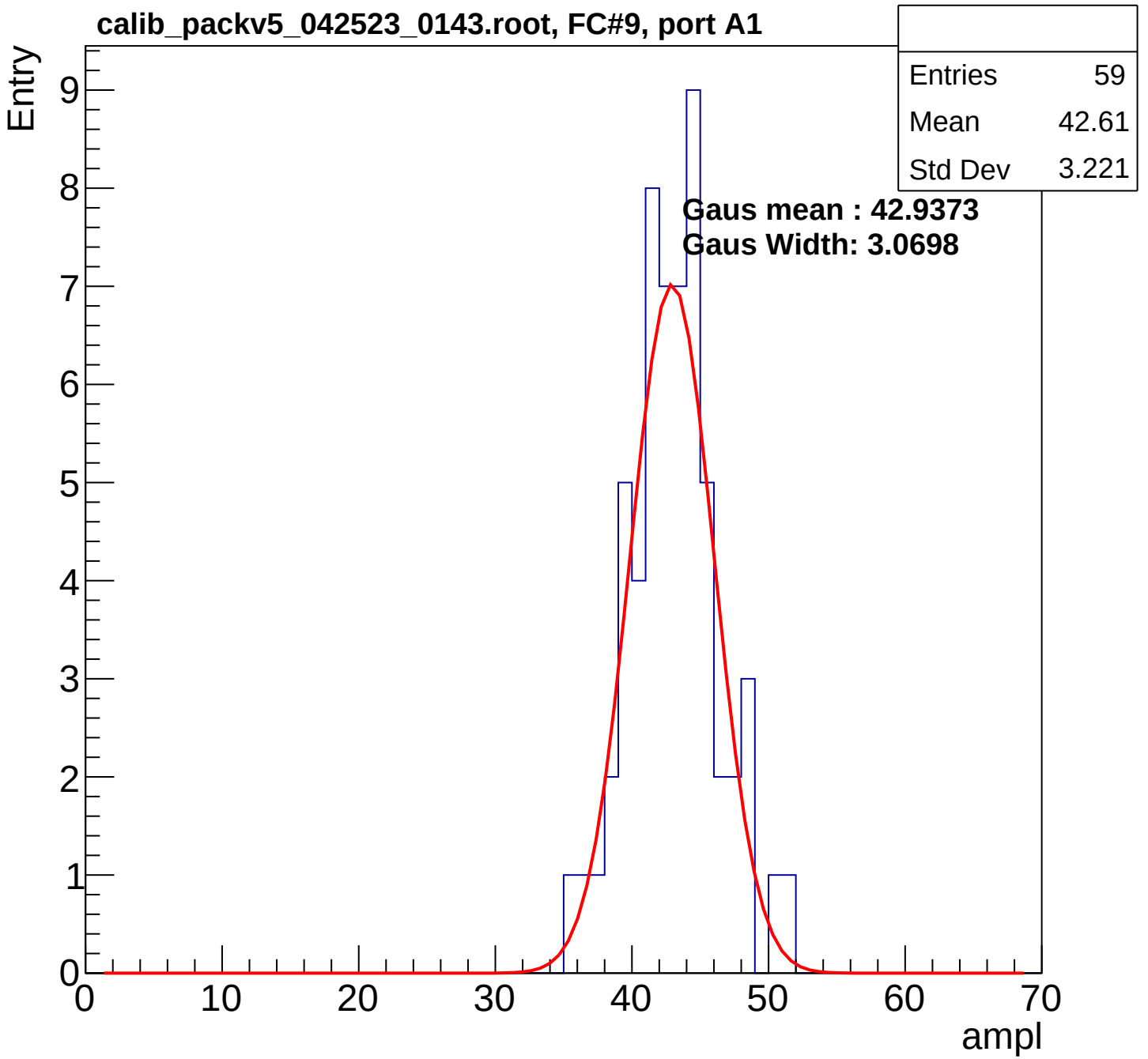
B0L001S, U24-ch105, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 42.61
Std Dev 3.221
Gaus mean : 42.9373
Gaus Width: 3.0698
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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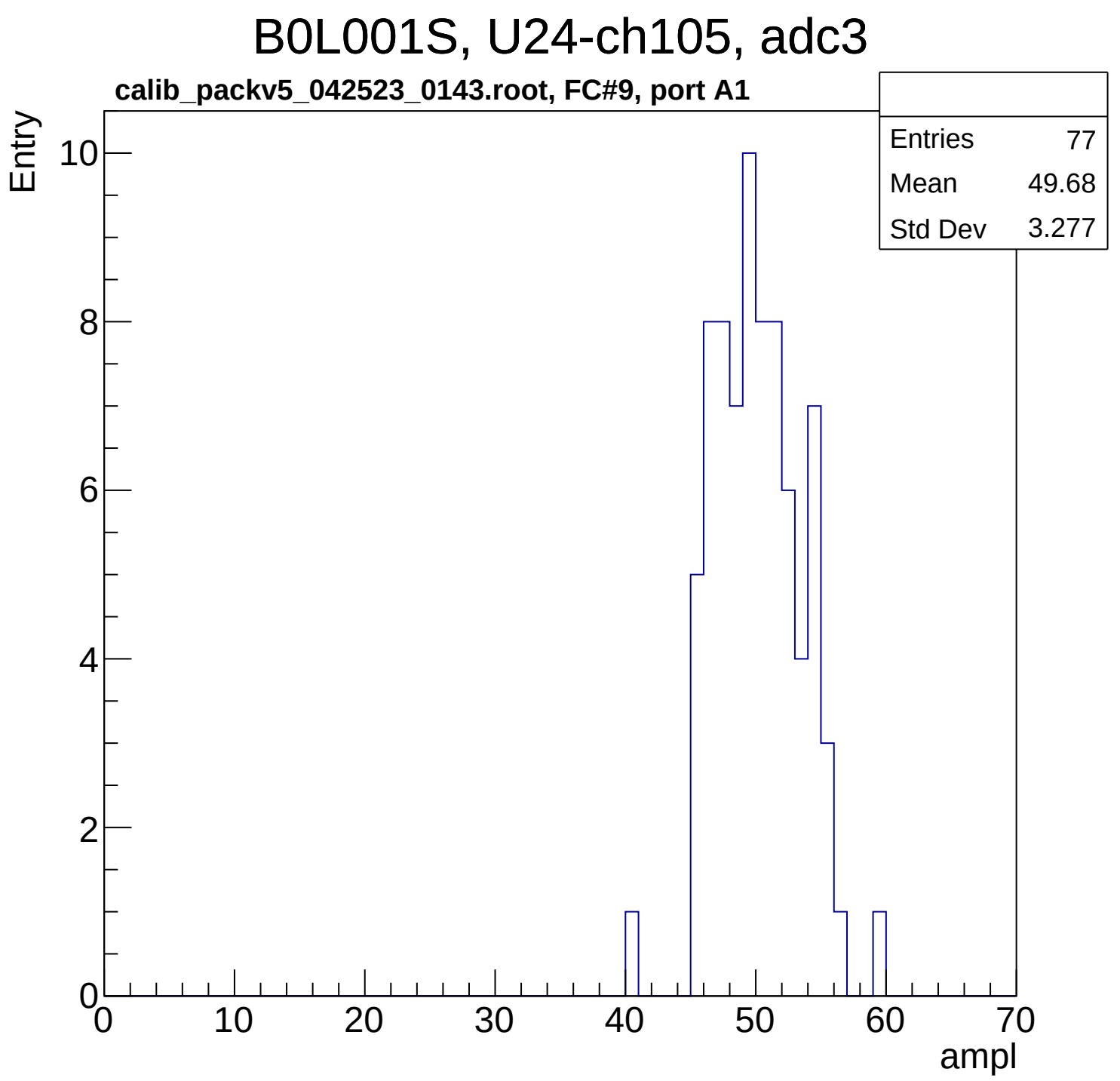
B0L001S, U24-ch105, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 49.68
Std Dev 3.277
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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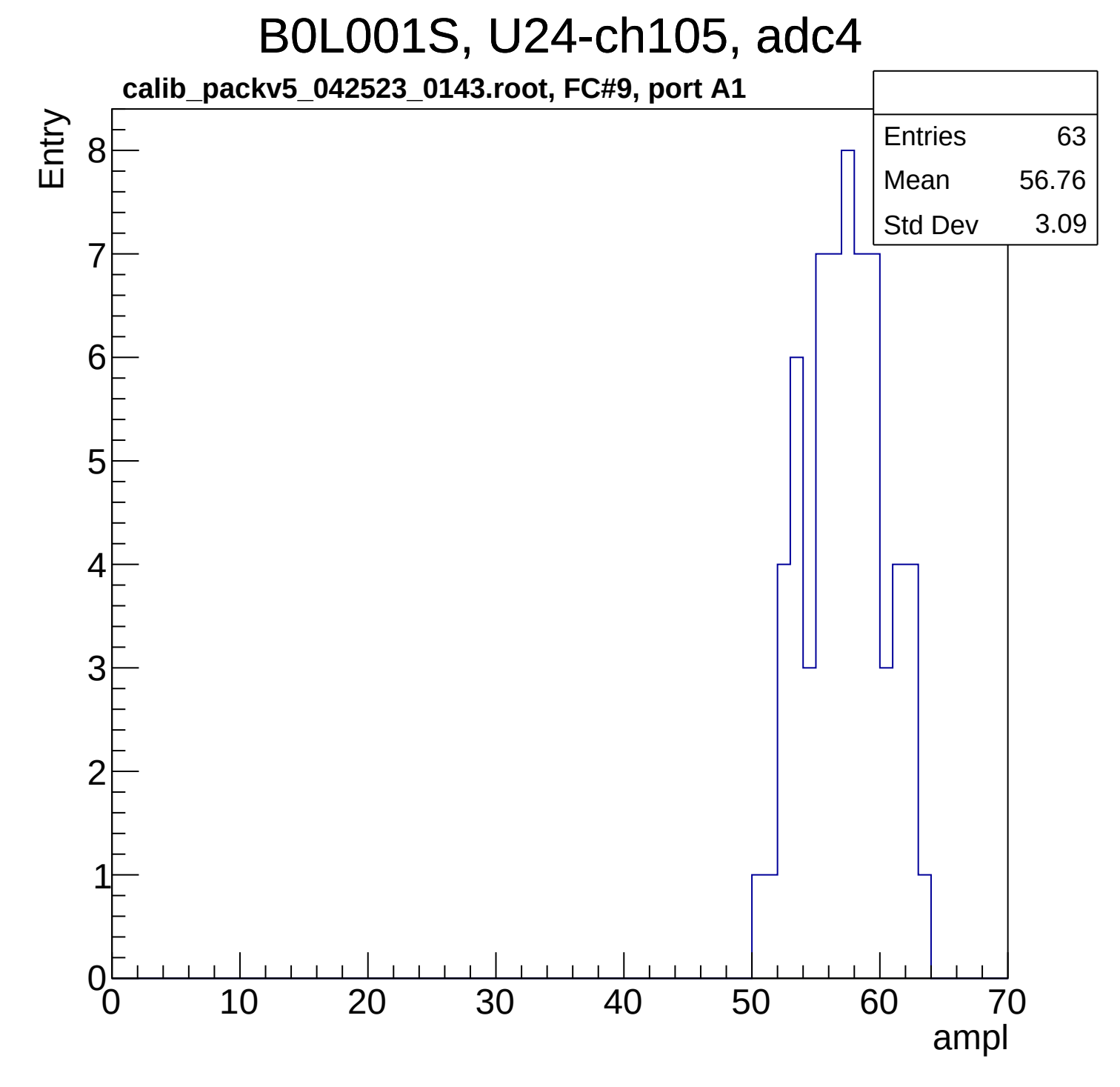
B0L001S, U24-ch105, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 56.76
Std Dev 3.09
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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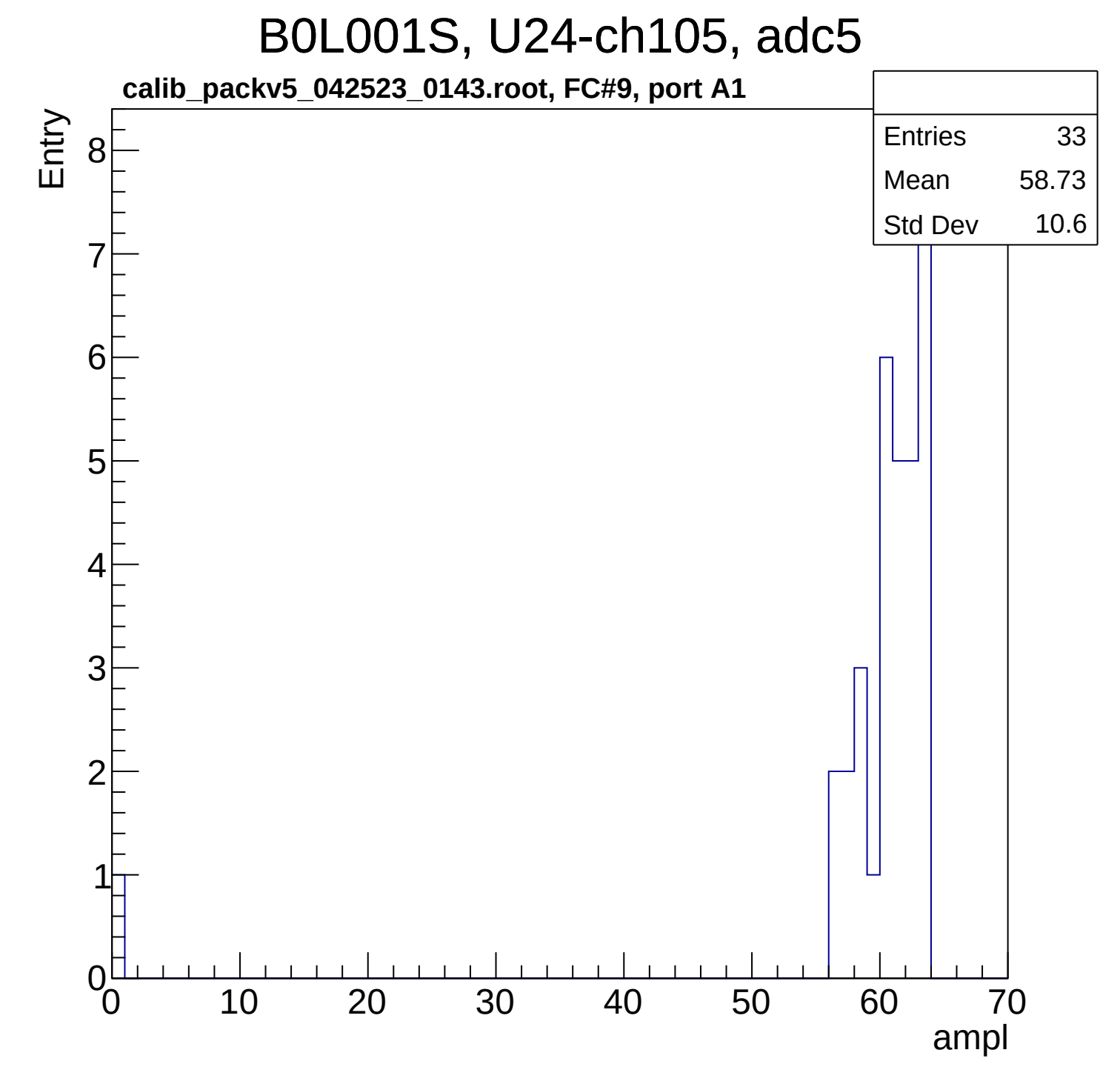
B0L001S, U24-ch105, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 58.73
Std Dev 10.6
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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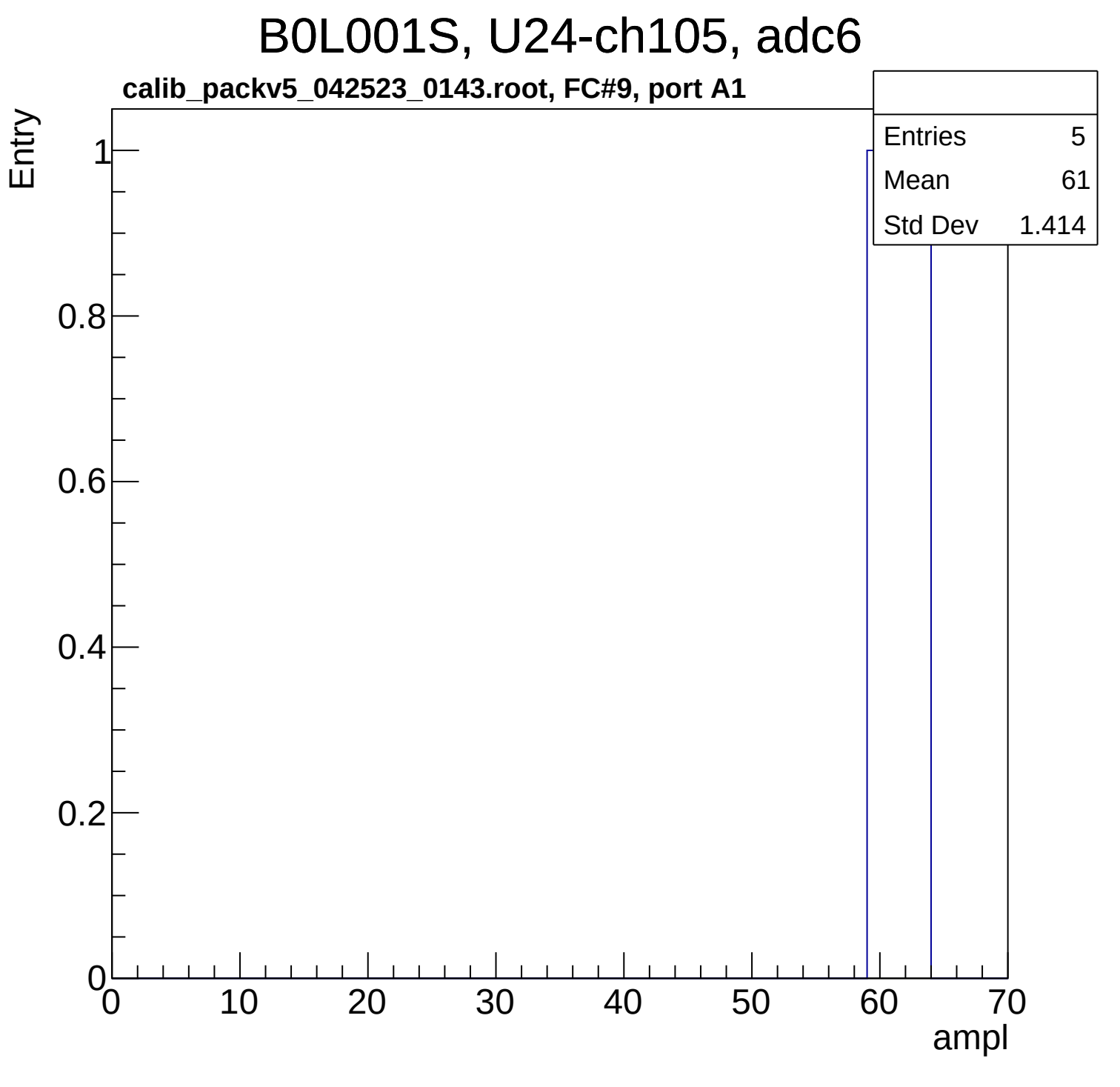
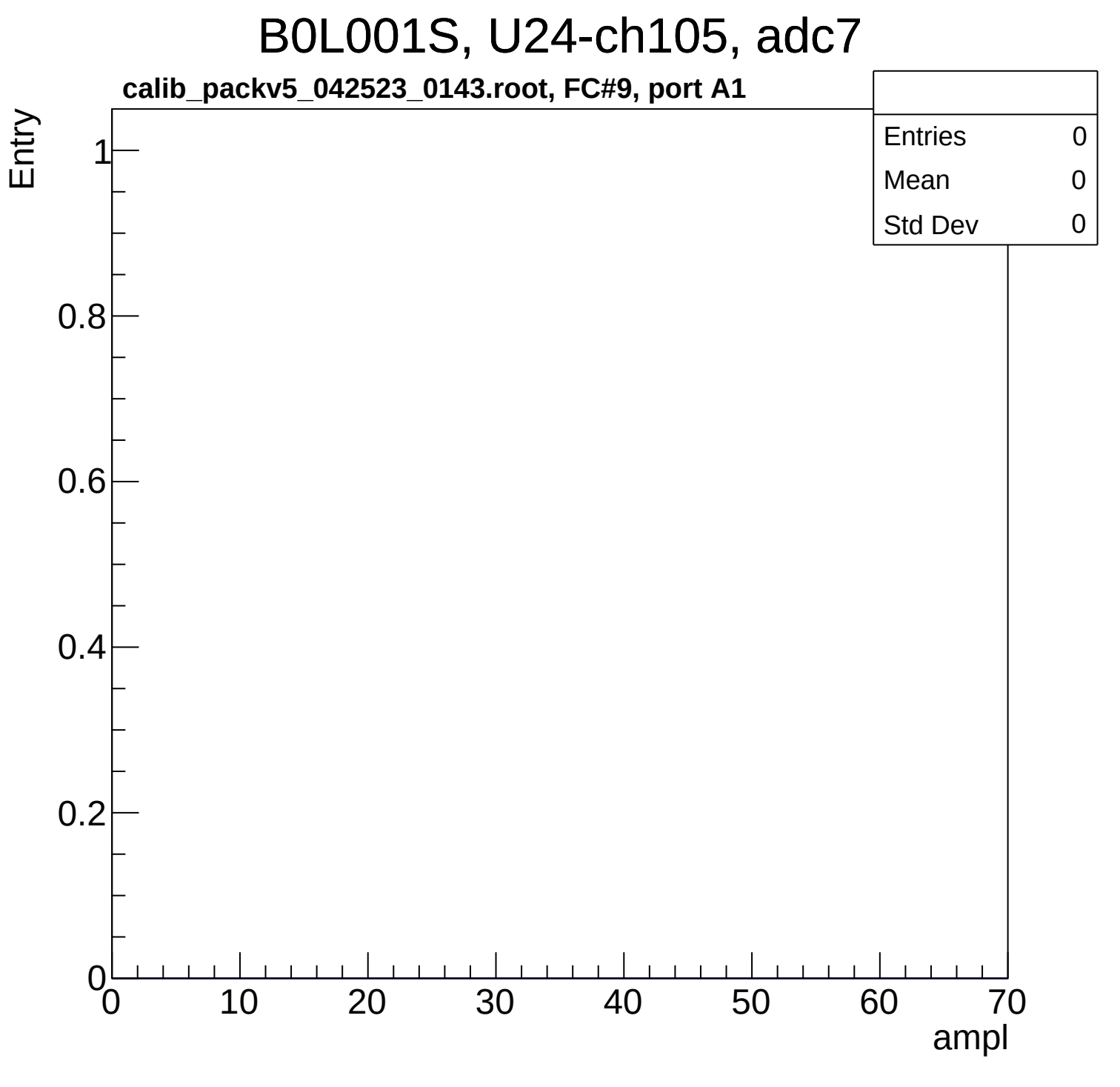

B0L001S, U24-ch105, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 61
Std Dev 1.414
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch105, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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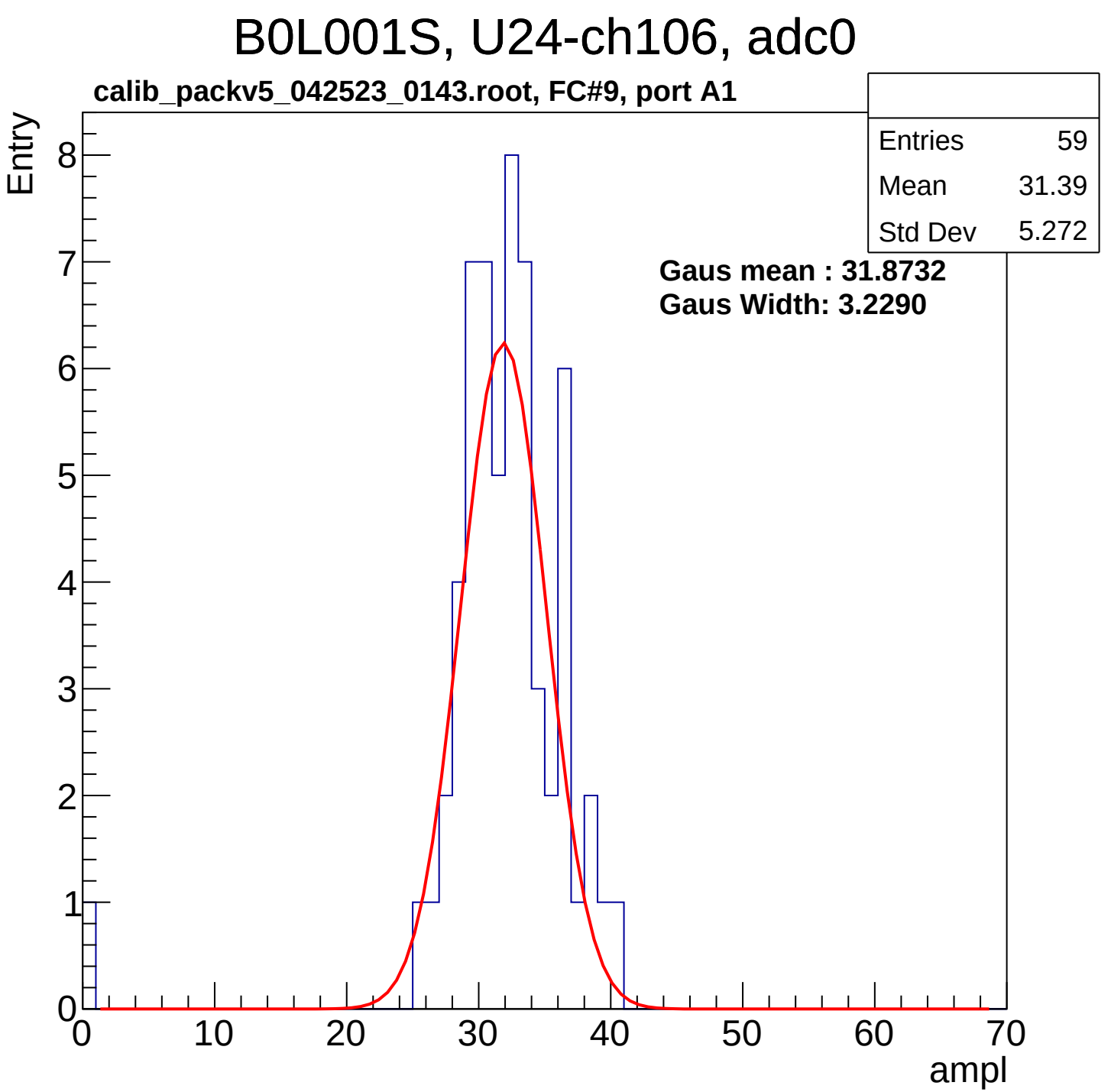
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch106, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 31.39
Std Dev 5.272
Gaus mean : 31.8732
Gaus Width: 3.2290
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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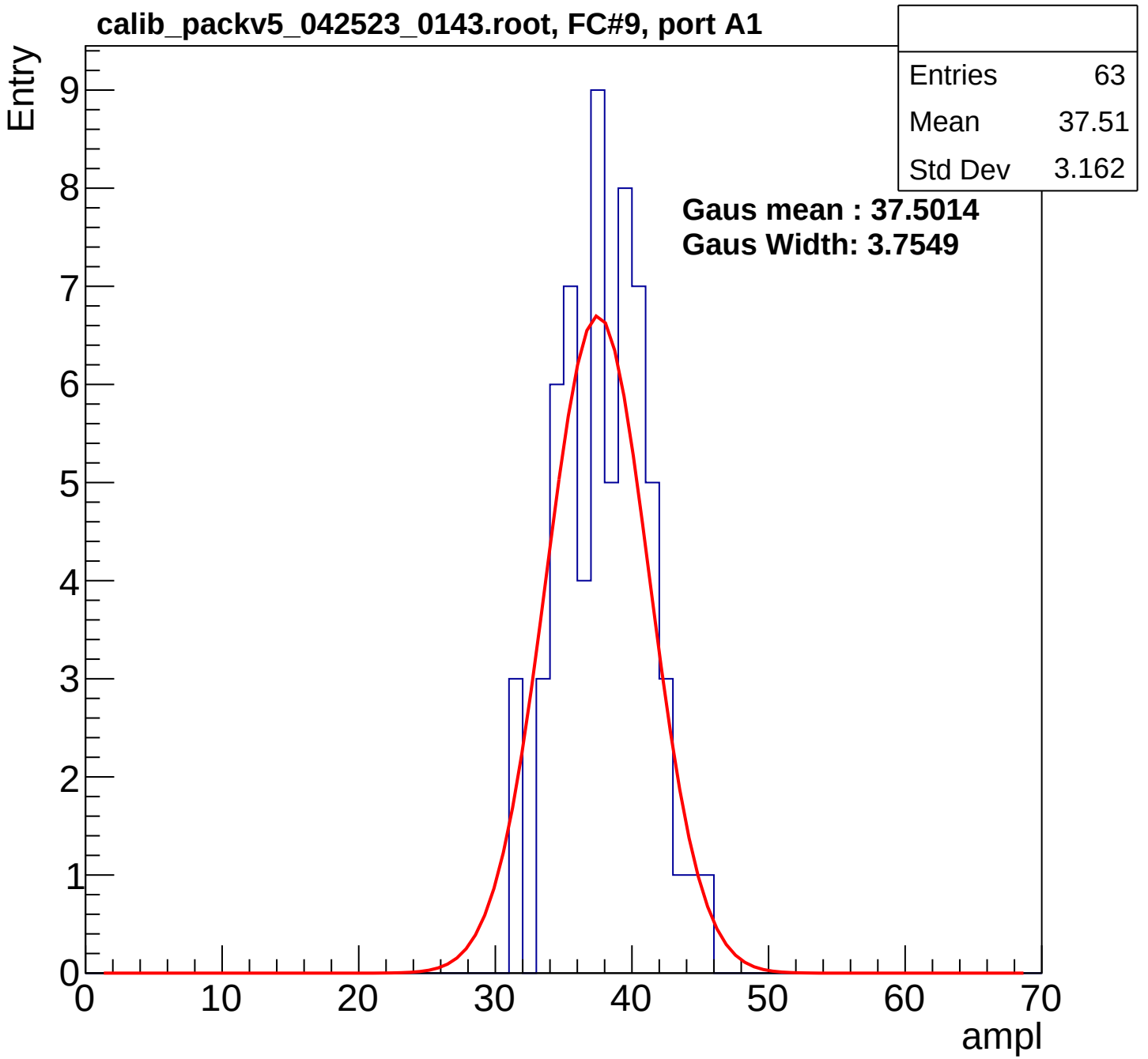
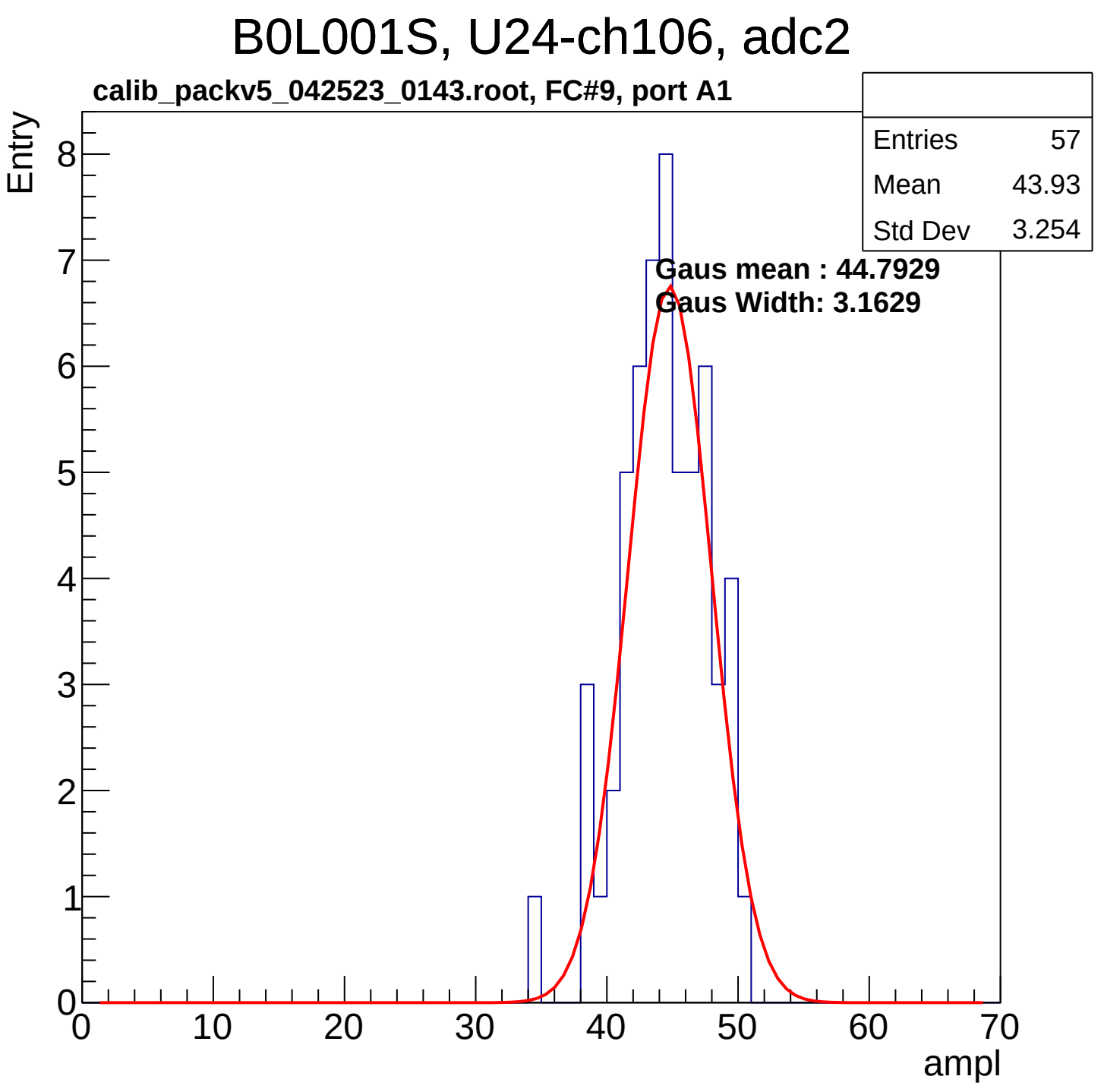

B0L001S, U24-ch106, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 37.51
Std Dev 3.162
Gaus mean : 37.5014
Gaus Width: 3.7549
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch106, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 43.93
Std Dev 3.254
Gaus mean : 44.7929
Gaus Width: 3.1629
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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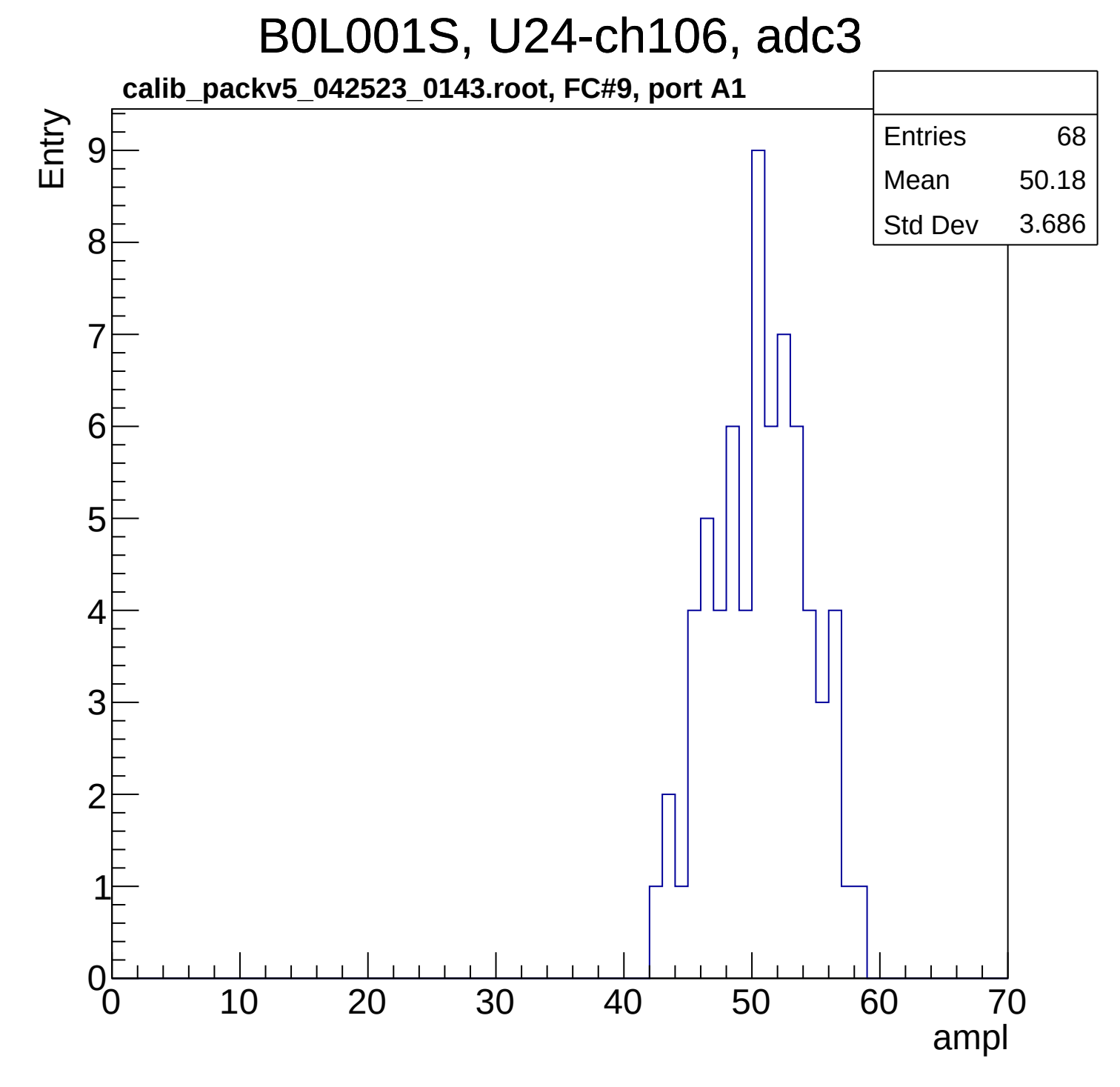
B0L001S, U24-ch106, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 50.18
Std Dev 3.686
Entry
ampl
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3
4
5
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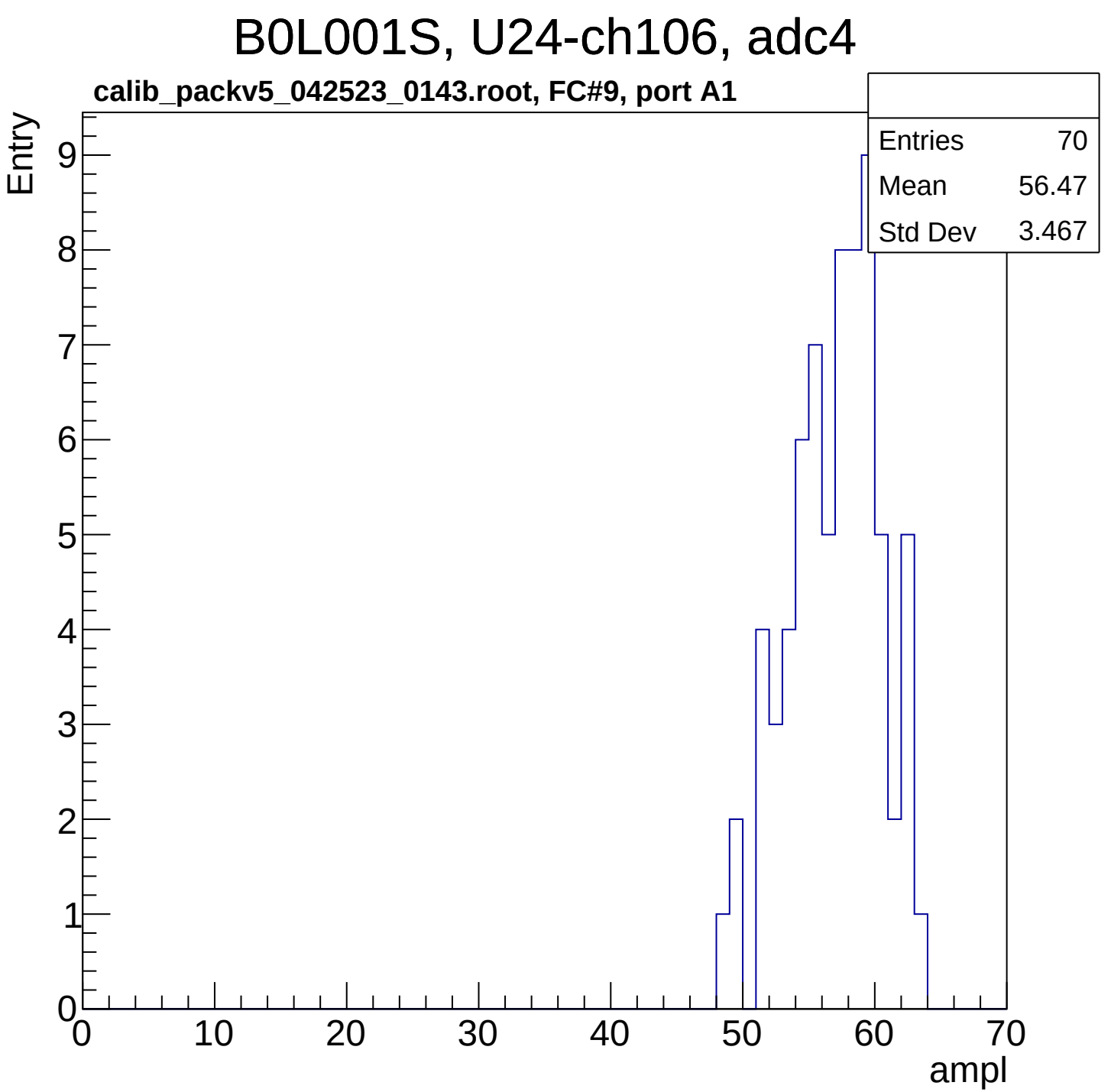
B0L001S, U24-ch106, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 56.47
Std Dev 3.467
Entry
ampl
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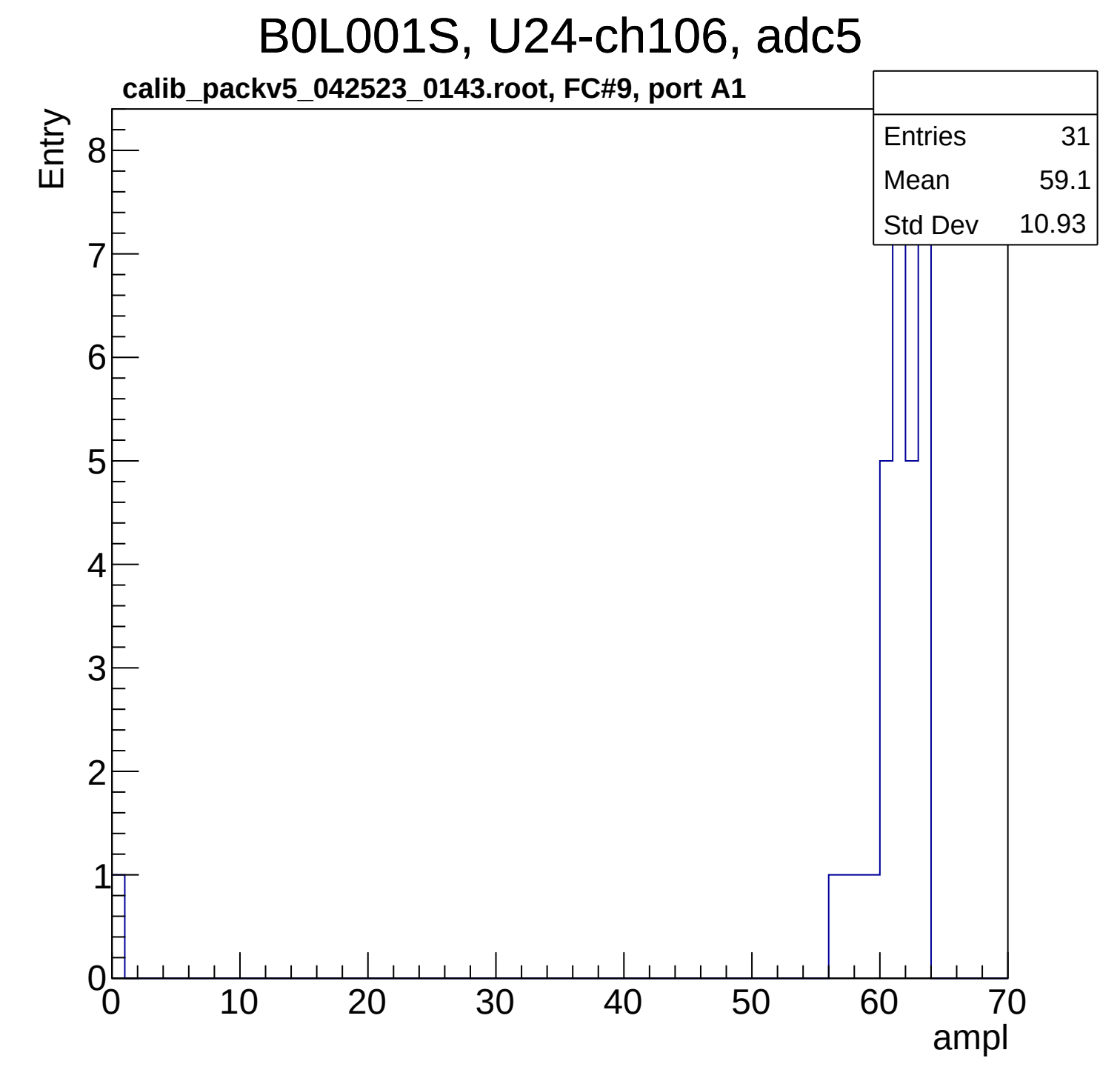
B0L001S, U24-ch106, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 31
Mean 59.1
Std Dev 10.93
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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60
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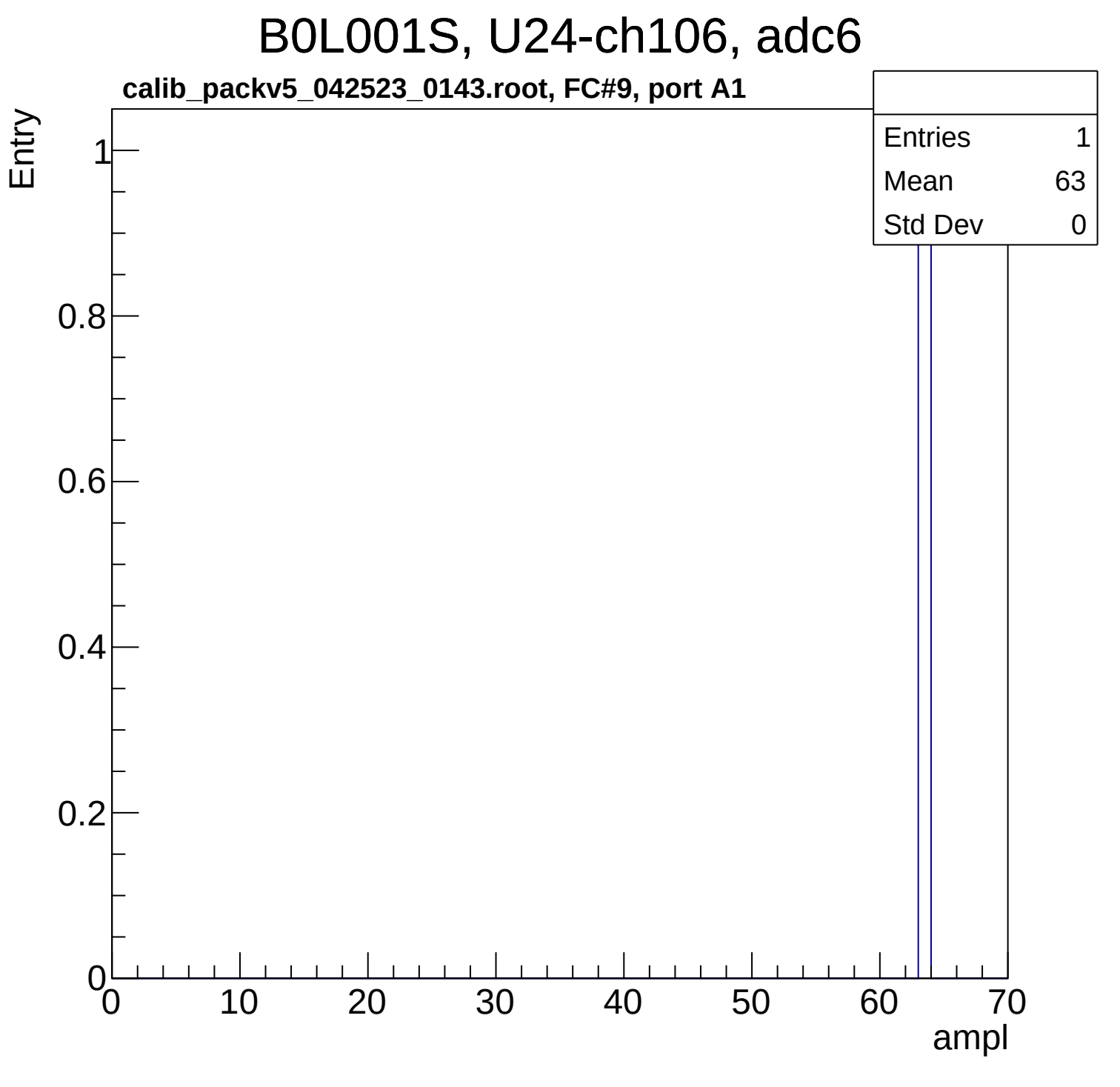
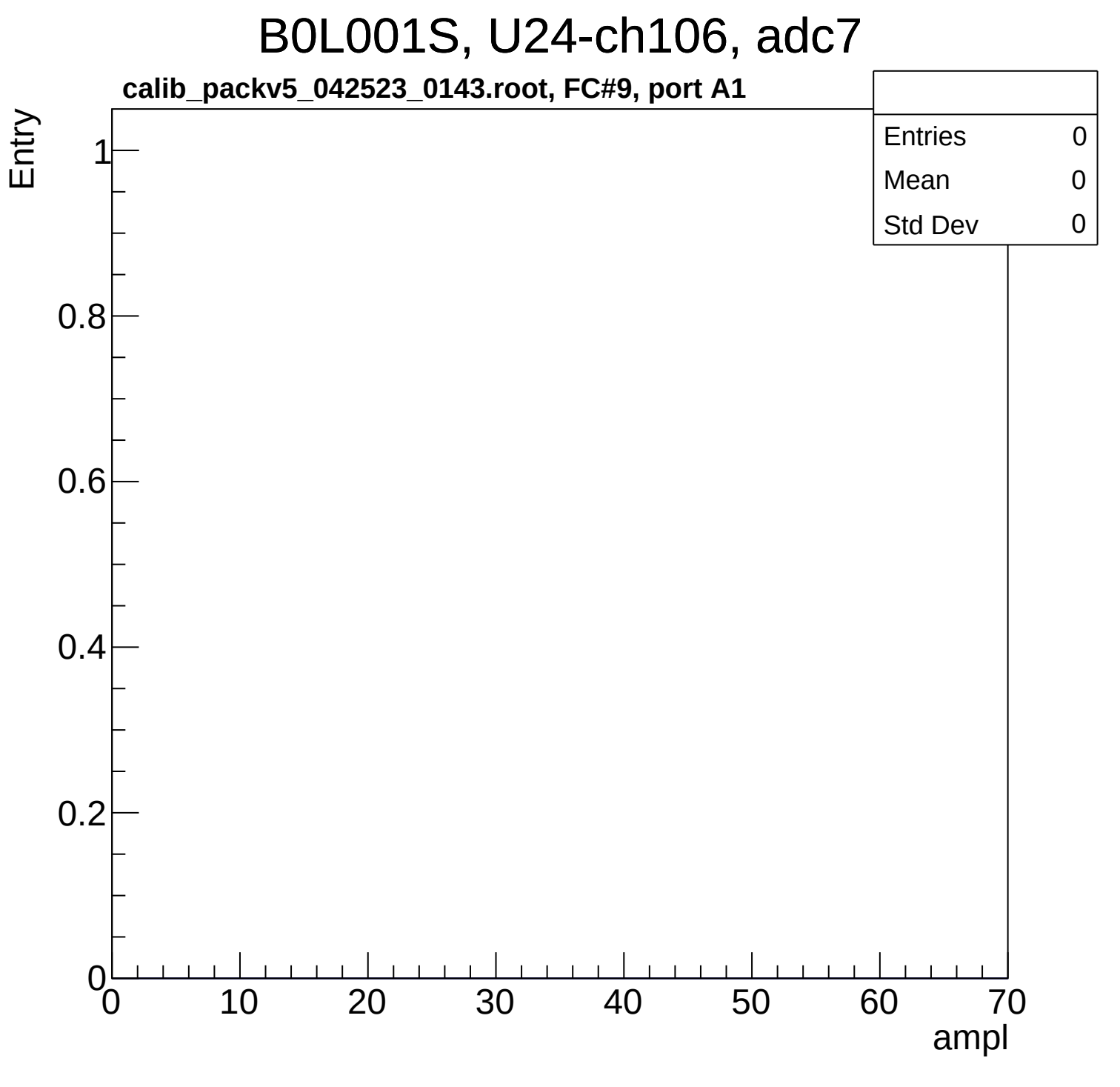

B0L001S, U24-ch106, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch106, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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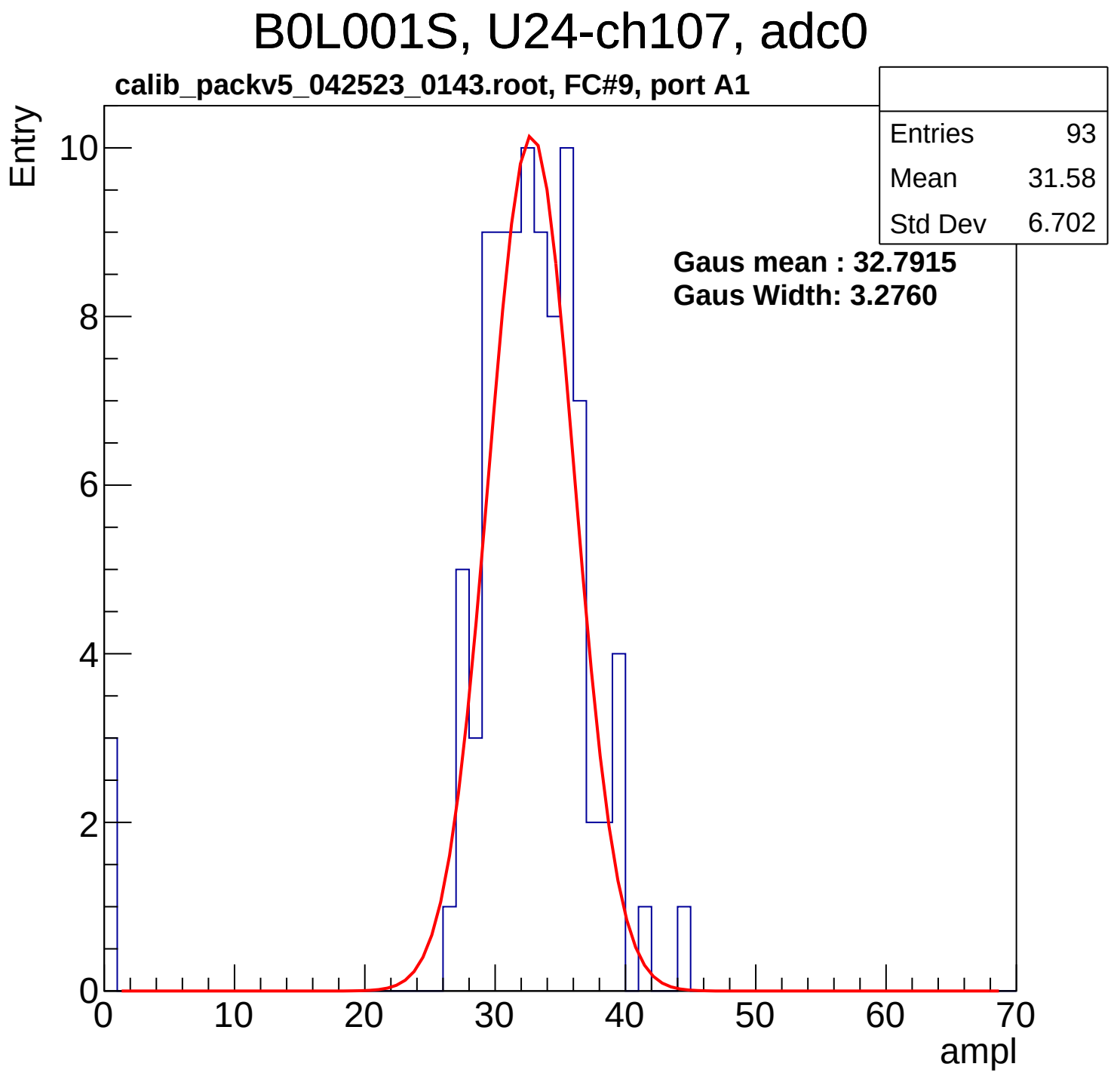
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch107, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 93
Mean 31.58
Std Dev 6.702
Gaus mean : 32.7915
Gaus Width: 3.2760
Entry
ampl
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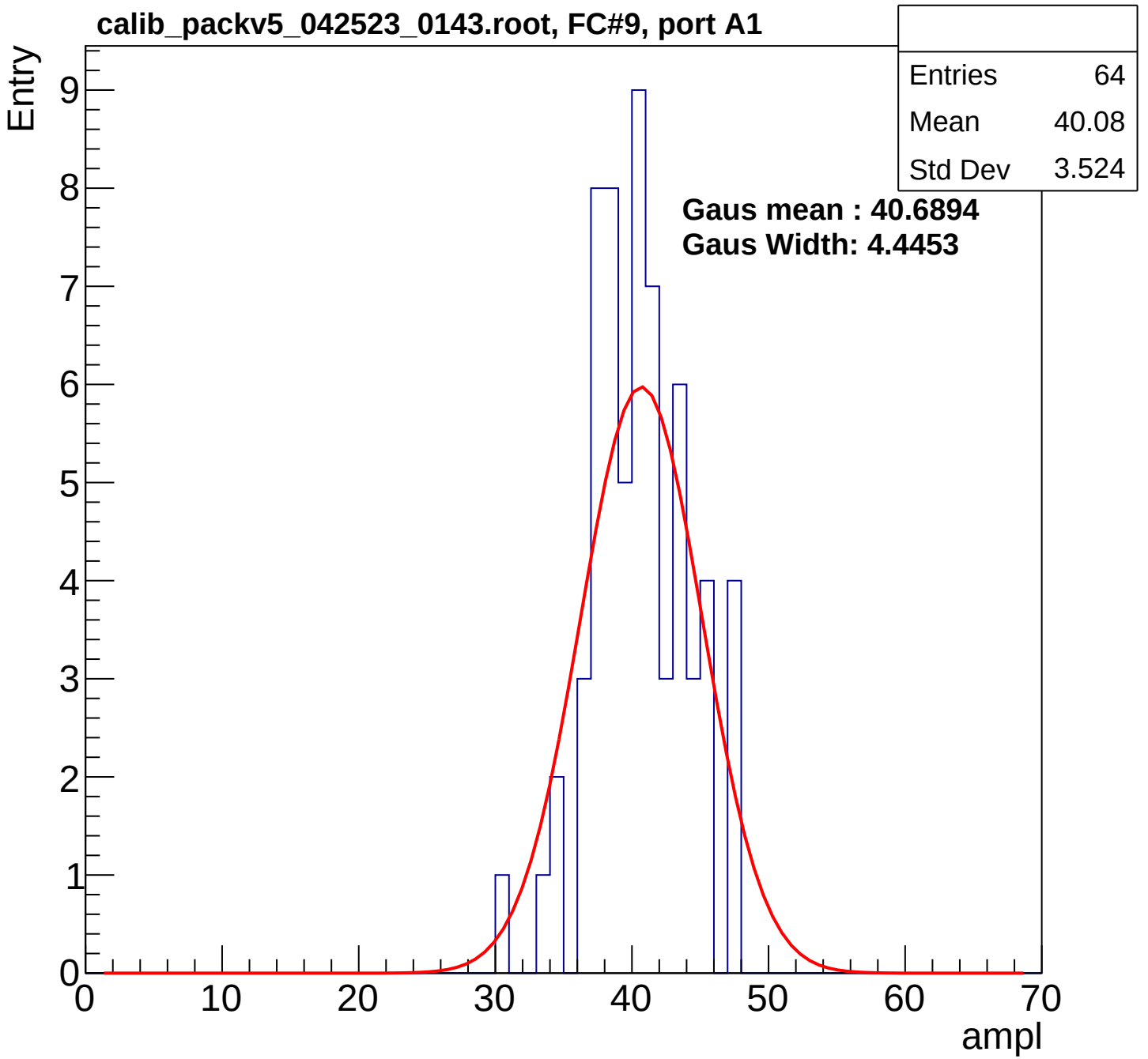
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch107, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 40.08
Std Dev 3.524
Gaus mean : 40.6894
Gaus Width: 4.4453
Entry
ampl
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2
3
4
5
6
7
8
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0
10
20
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60
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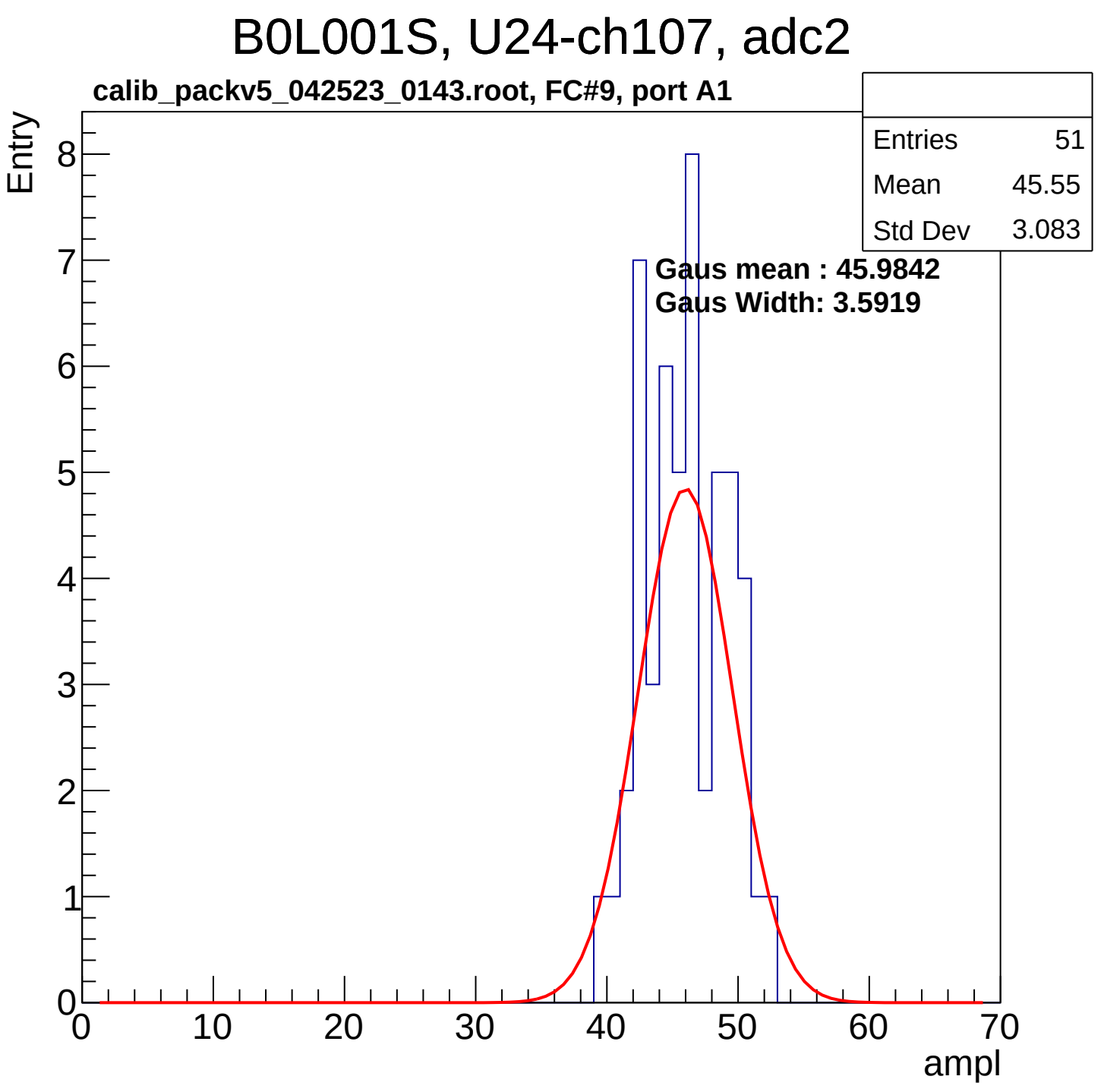
B0L001S, U24-ch107, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 45.55
Std Dev 3.083
Gaus mean : 45.9842
Gaus Width: 3.5919
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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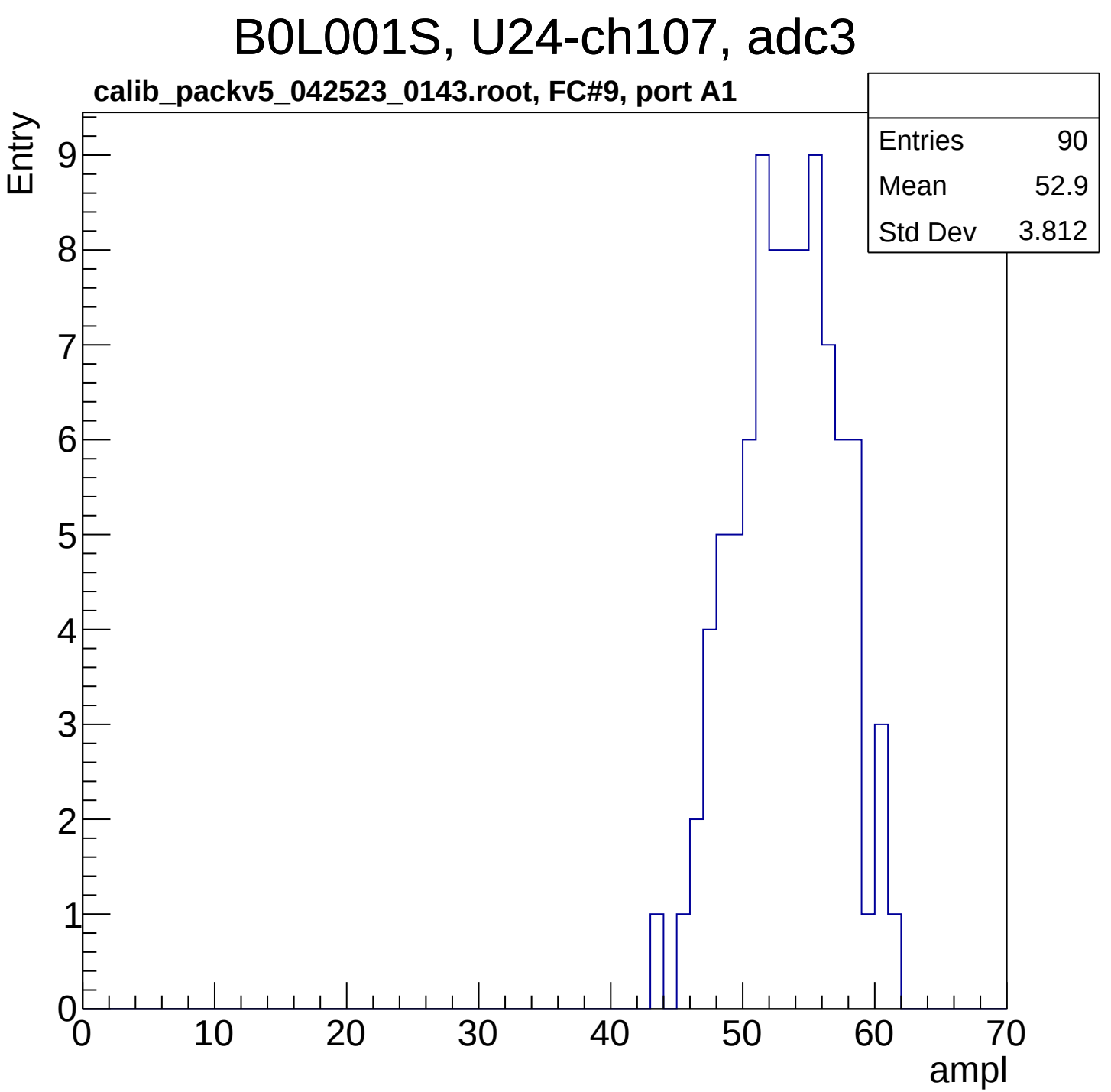
B0L001S, U24-ch107, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 90
Mean 52.9
Std Dev 3.812
Entry
ampl
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3
4
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6
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0
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60
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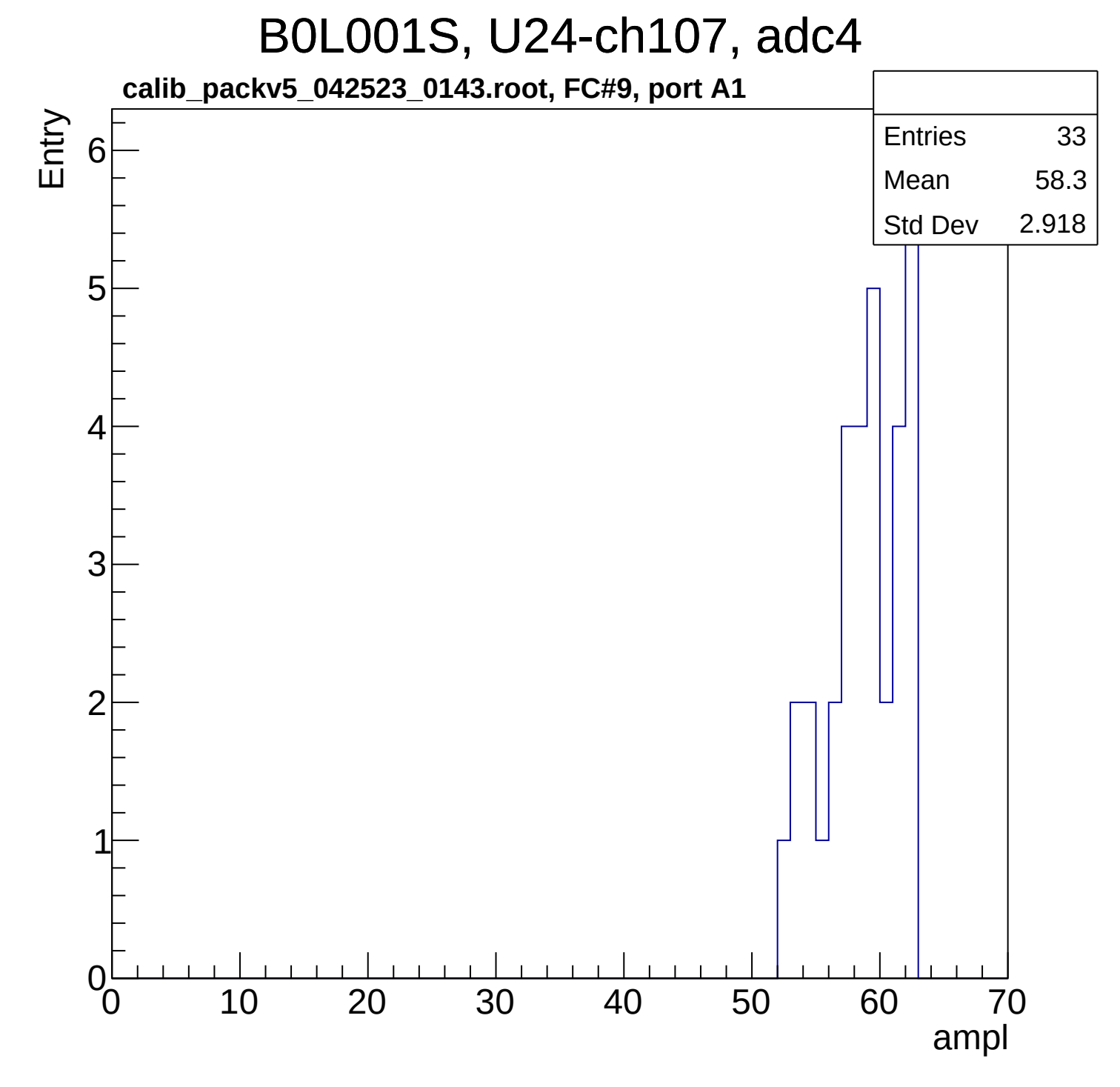
B0L001S, U24-ch107, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 58.3
Std Dev 2.918
Entry
0
1
2
3
4
5
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20
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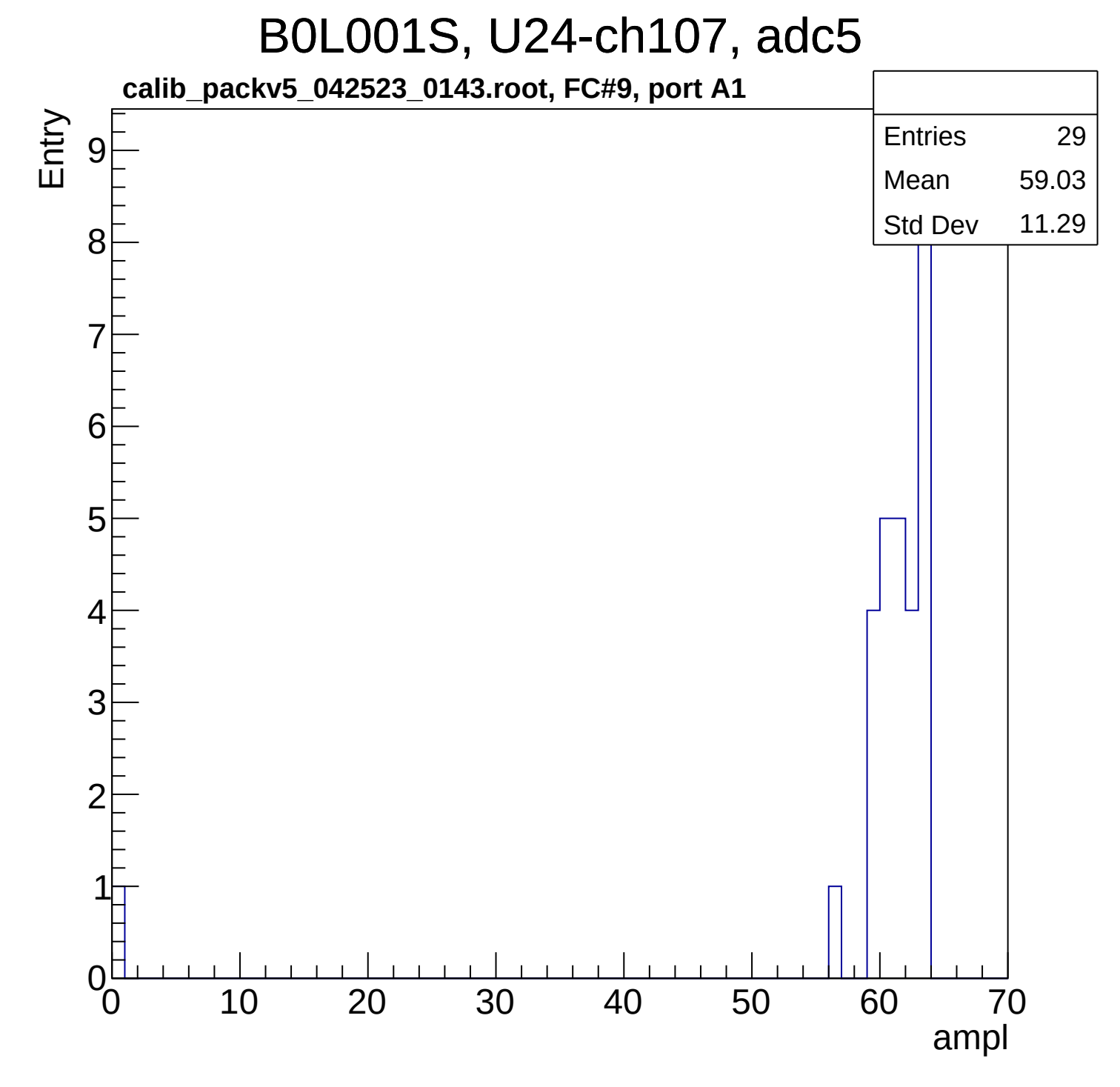
40
50
60
70
ampl


B0L001S, U24-ch107, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 59.03
Std Dev 11.29
Entry
ampl
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3
4
5
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0
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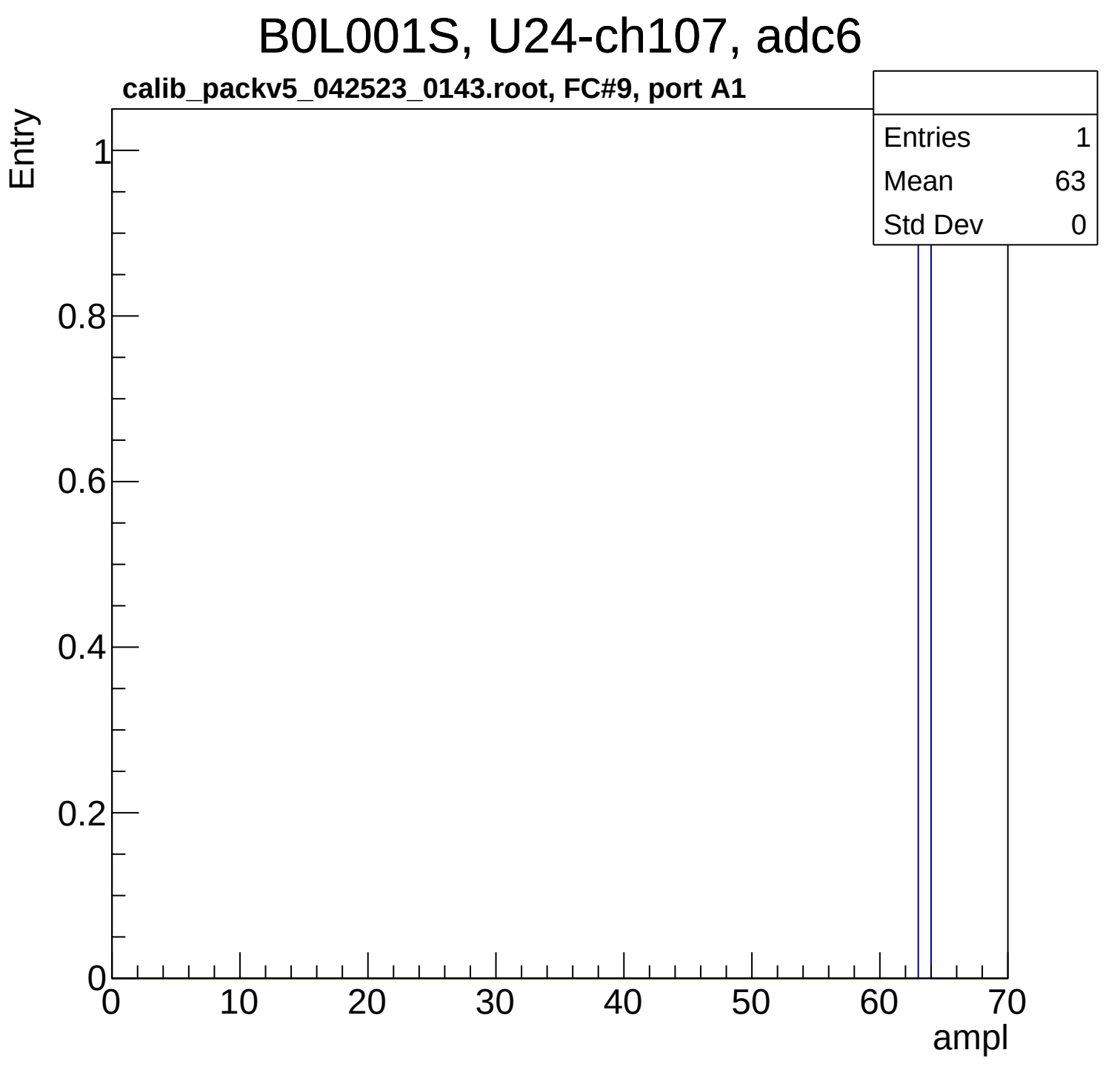
B0L001S, U24-ch107, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 63
Std Dev 0
Entry
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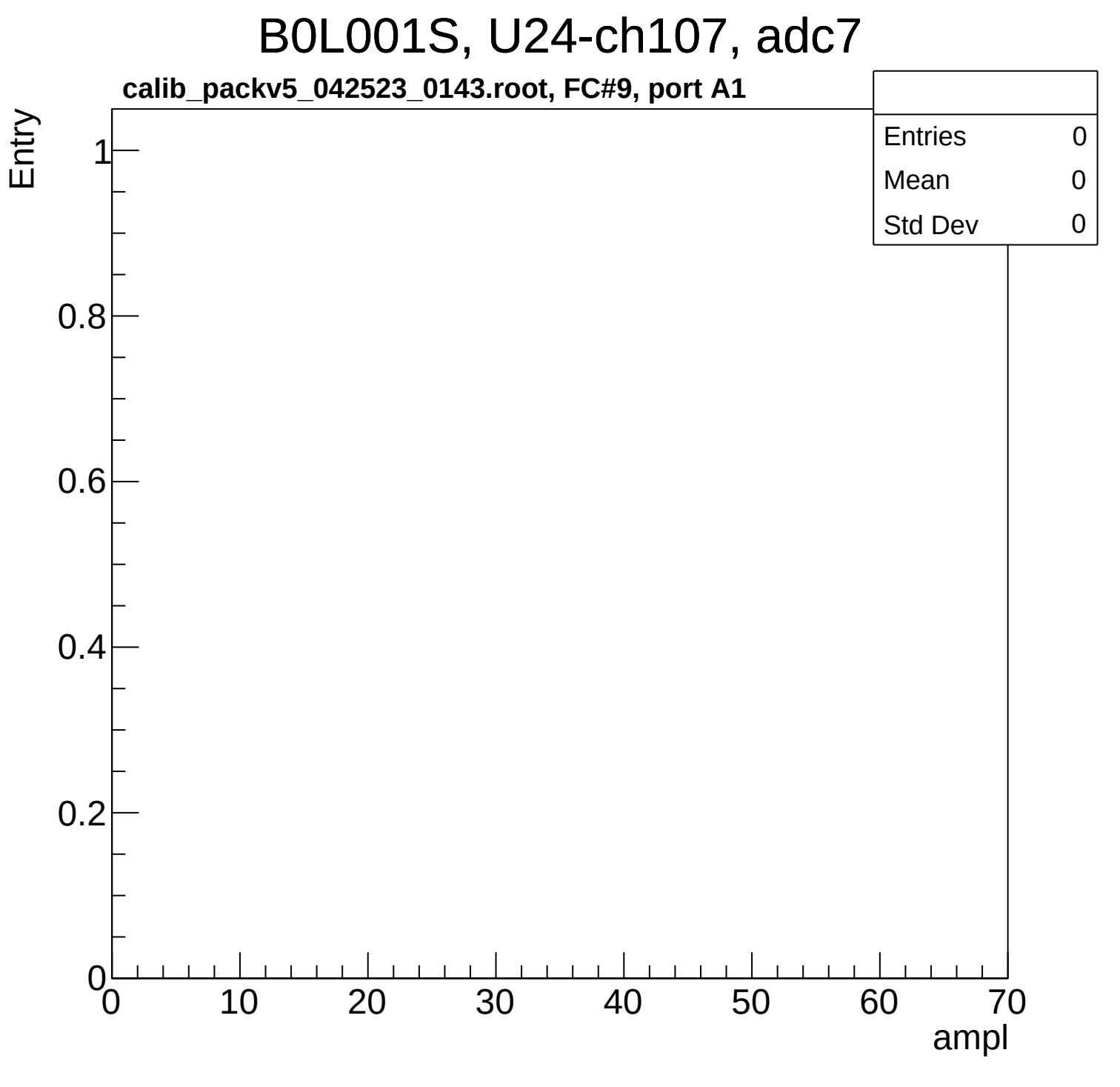
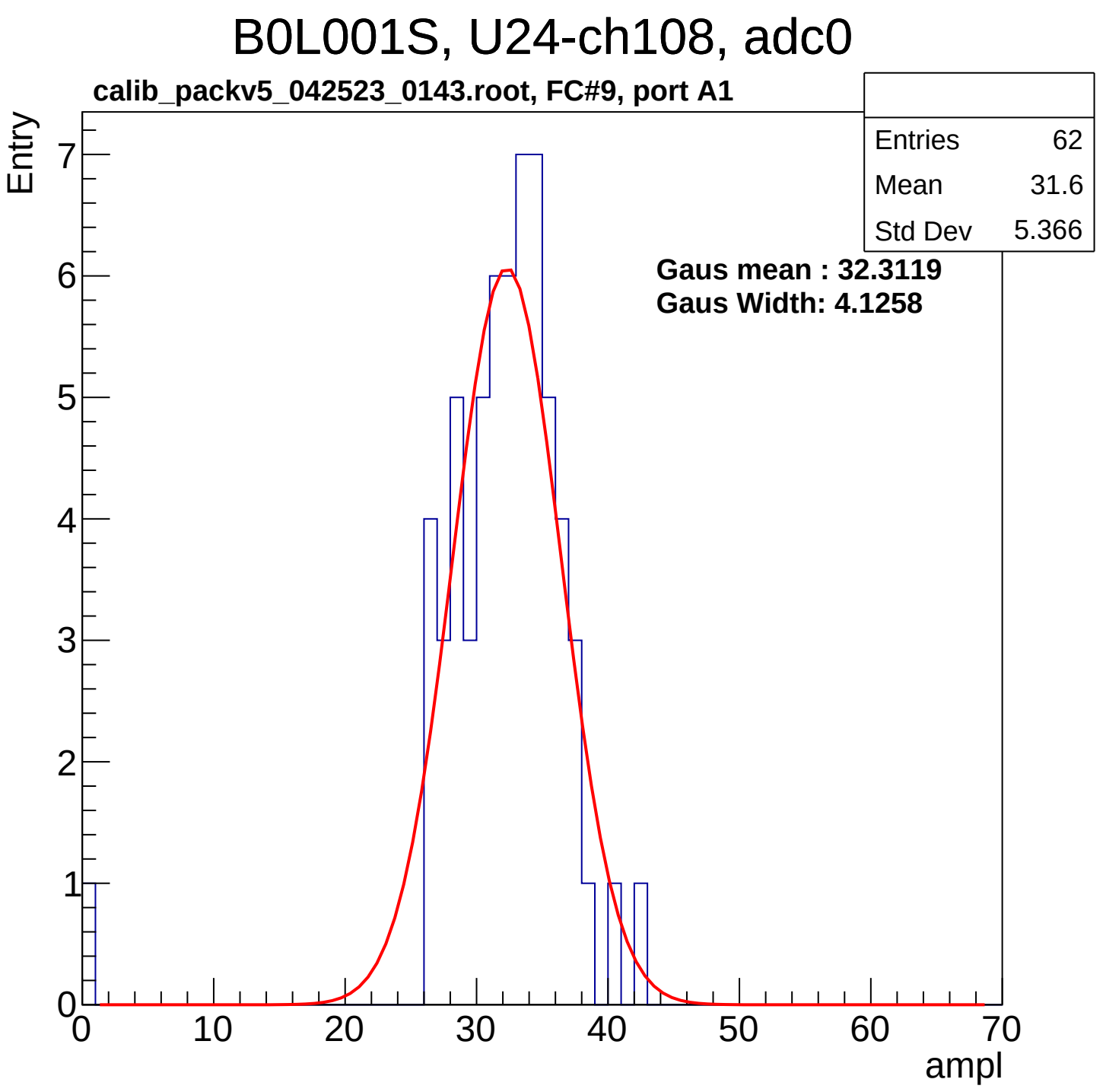
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch107, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch108, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 31.6
Std Dev 5.366
Gaus mean : 32.3119
Gaus Width: 4.1258
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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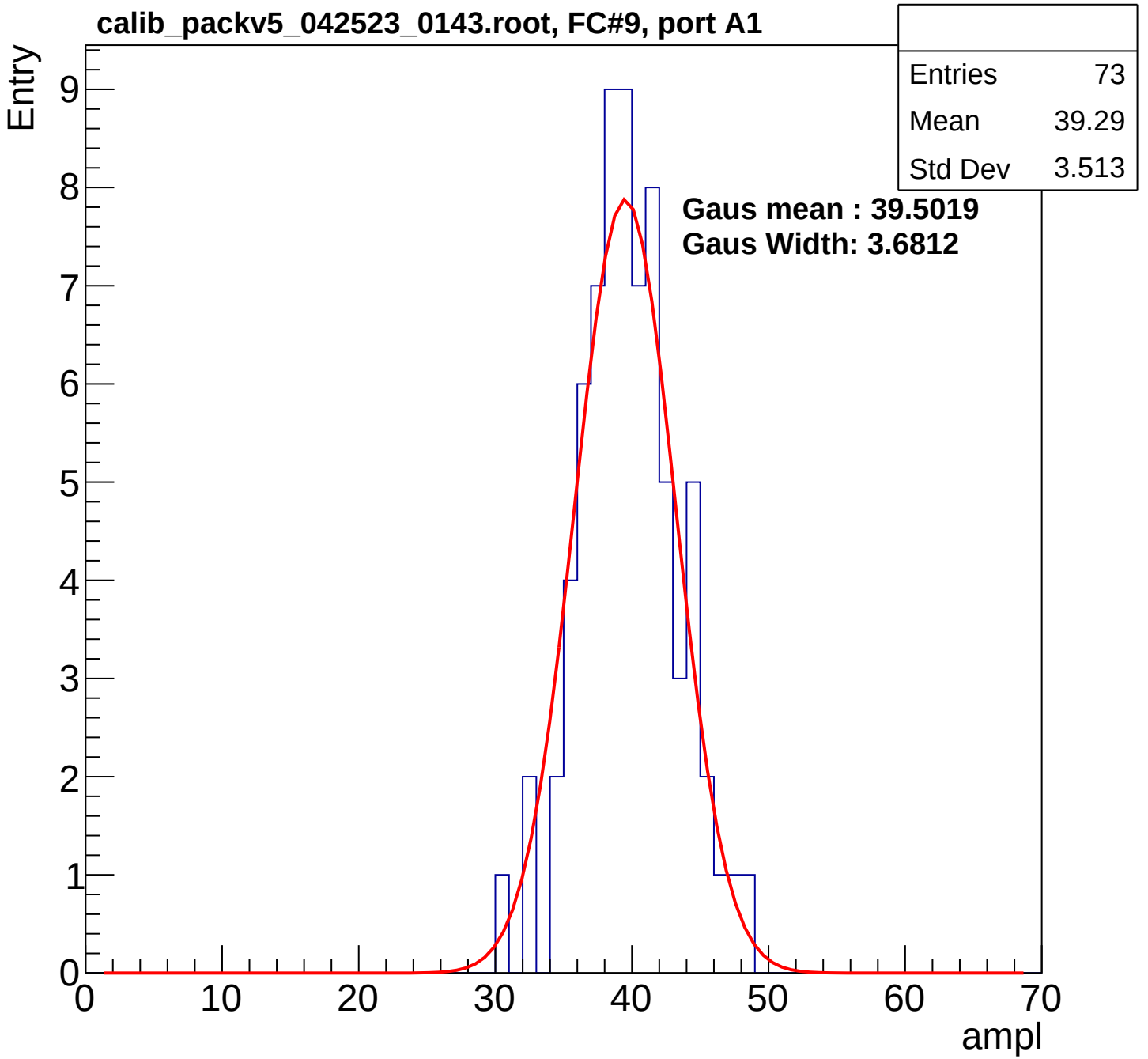
B0L001S, U24-ch108, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 39.29
Std Dev 3.513
Gaus mean : 39.5019
Gaus Width: 3.6812
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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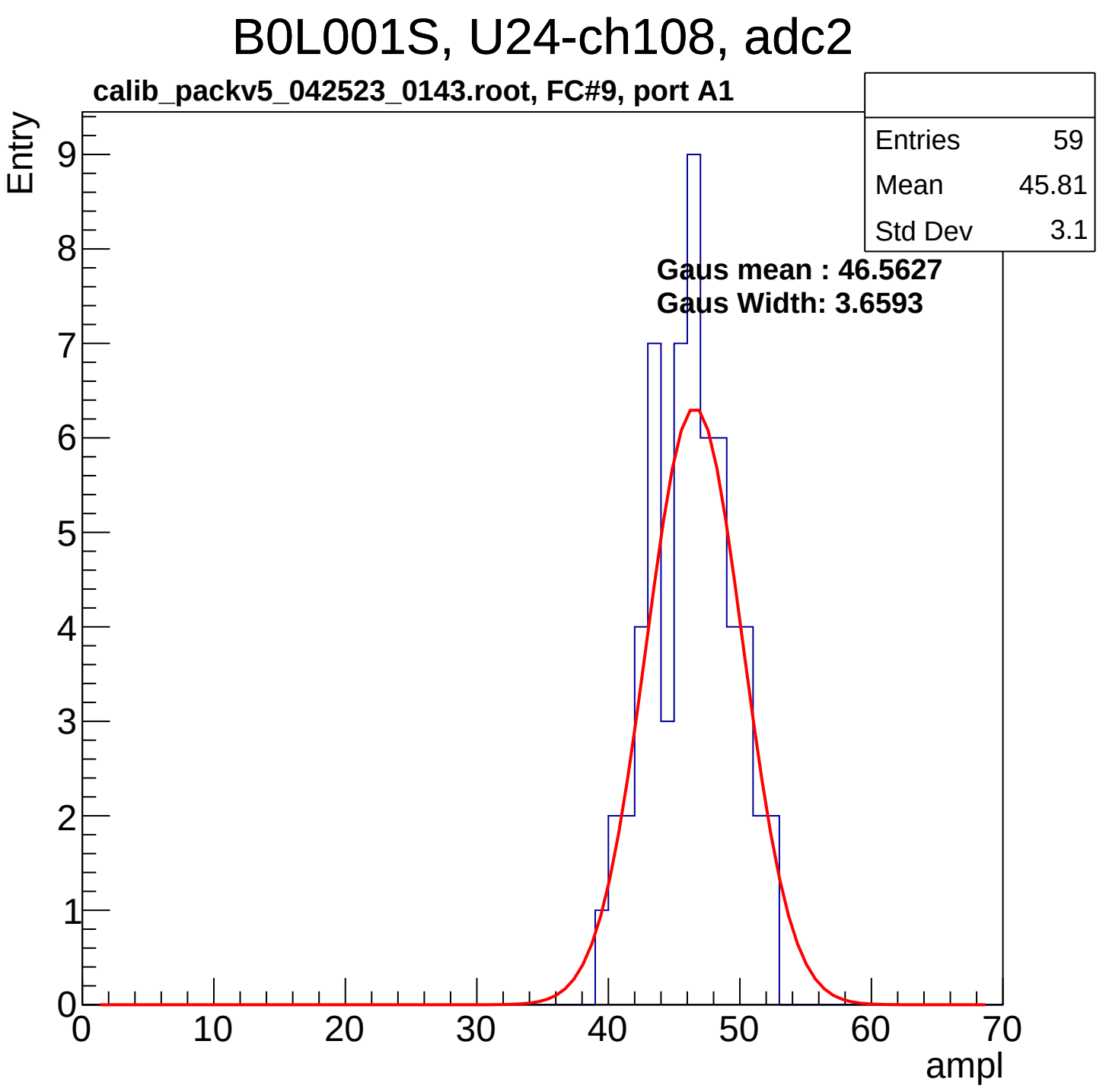
B0L001S, U24-ch108, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 45.81
Std Dev 3.1
Gaus mean : 46.5627
Gaus Width: 3.6593
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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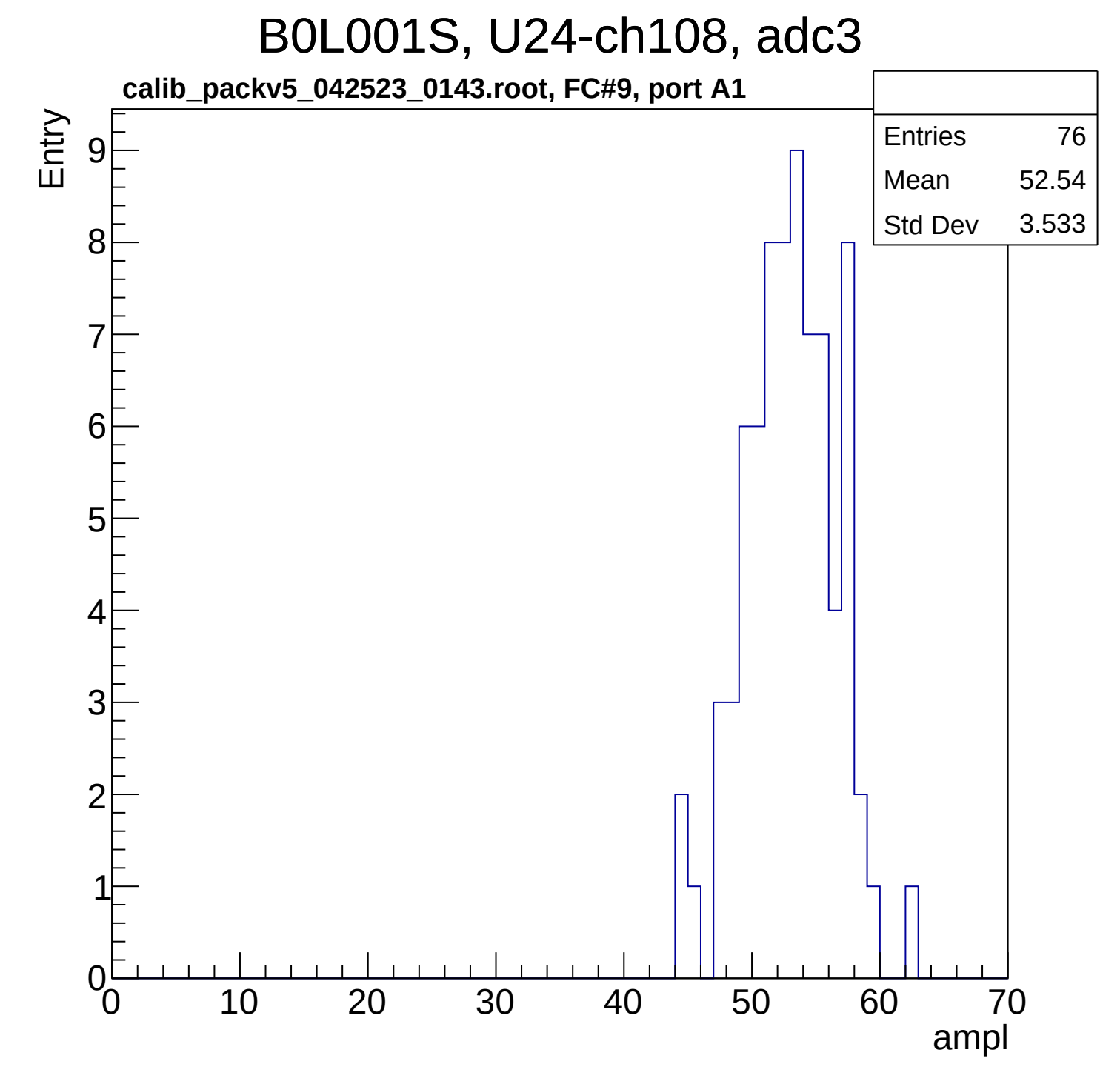
B0L001S, U24-ch108, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 52.54
Std Dev 3.533
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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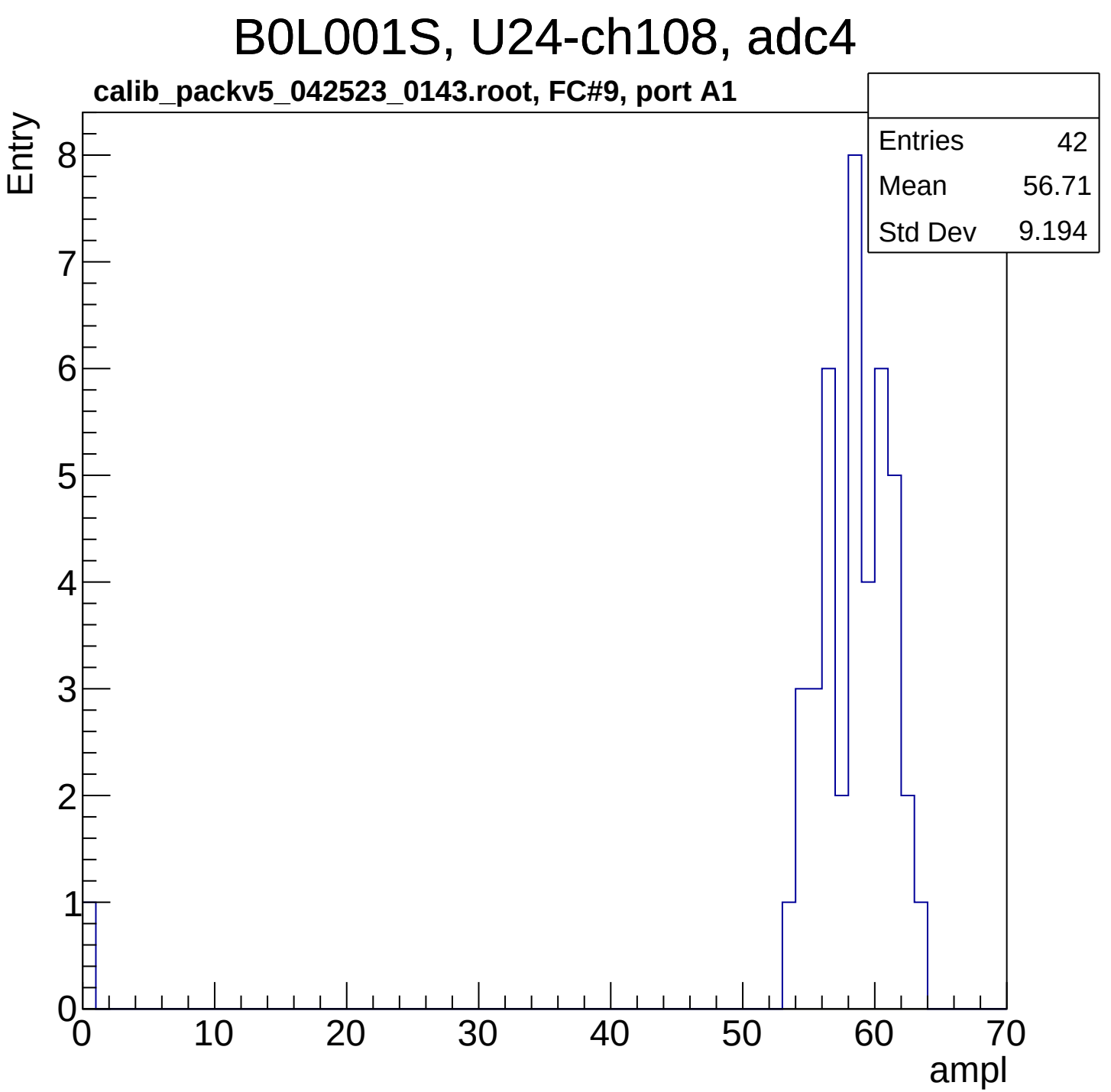
B0L001S, U24-ch108, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 56.71
Std Dev 9.194
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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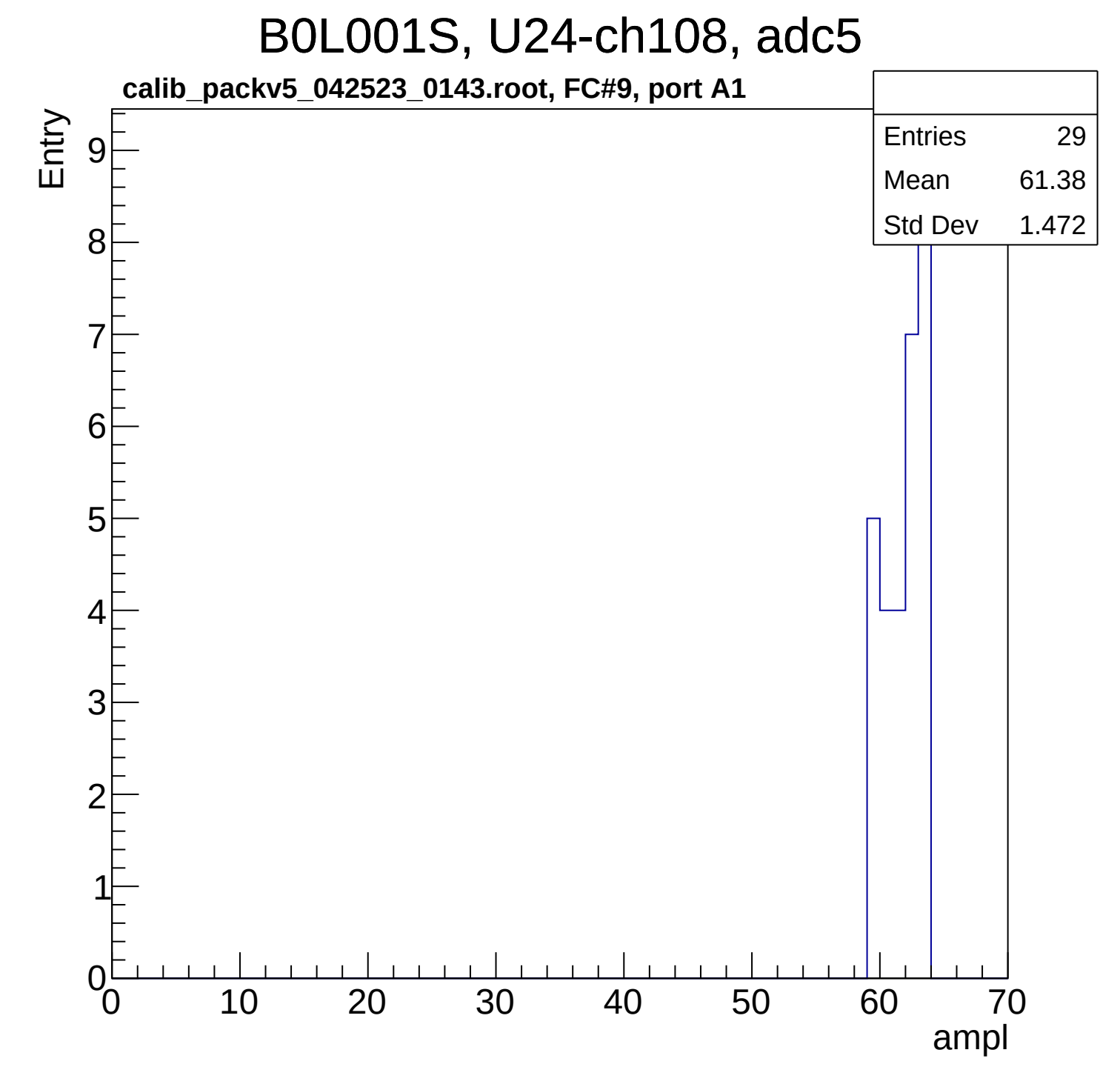
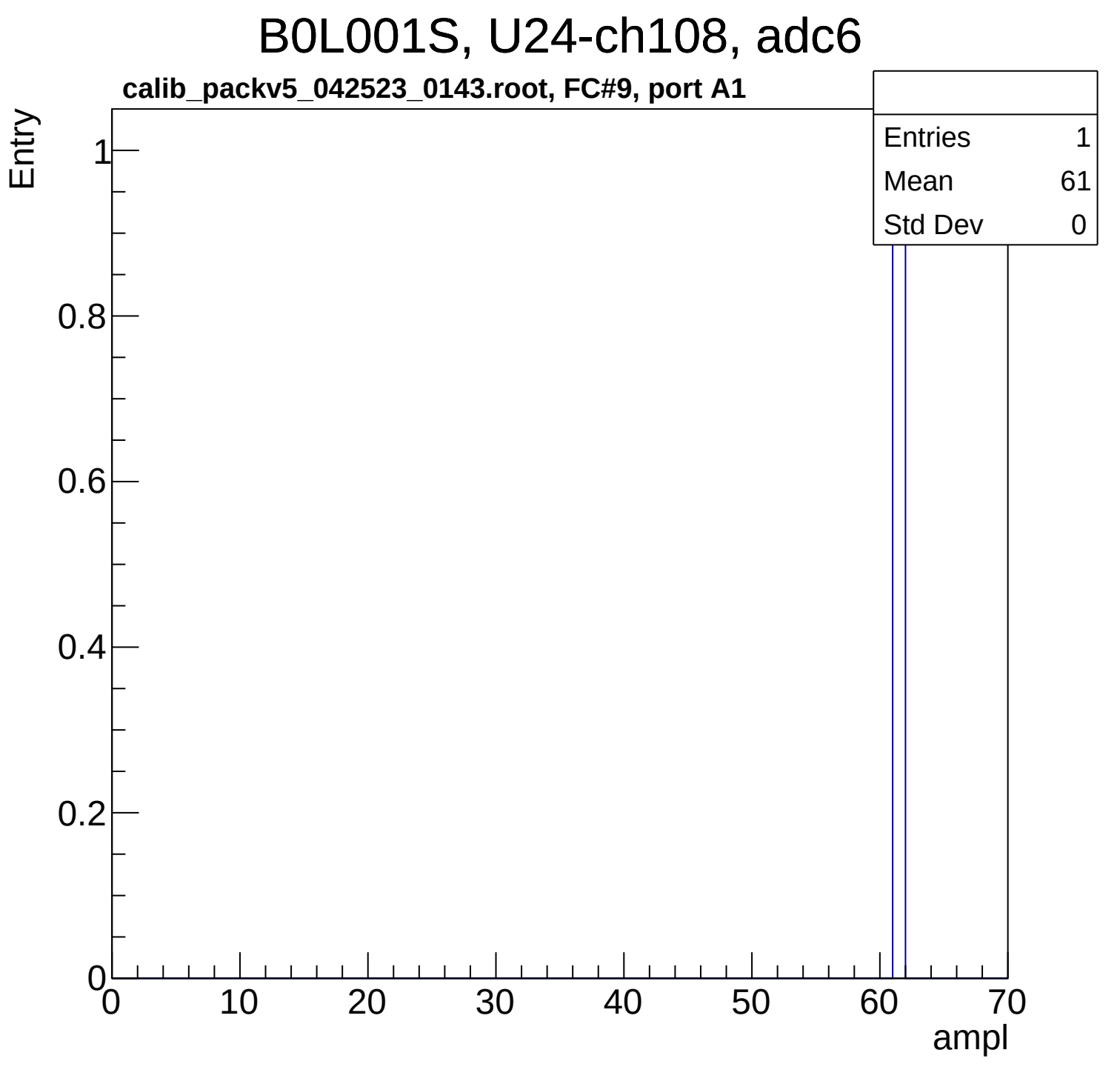
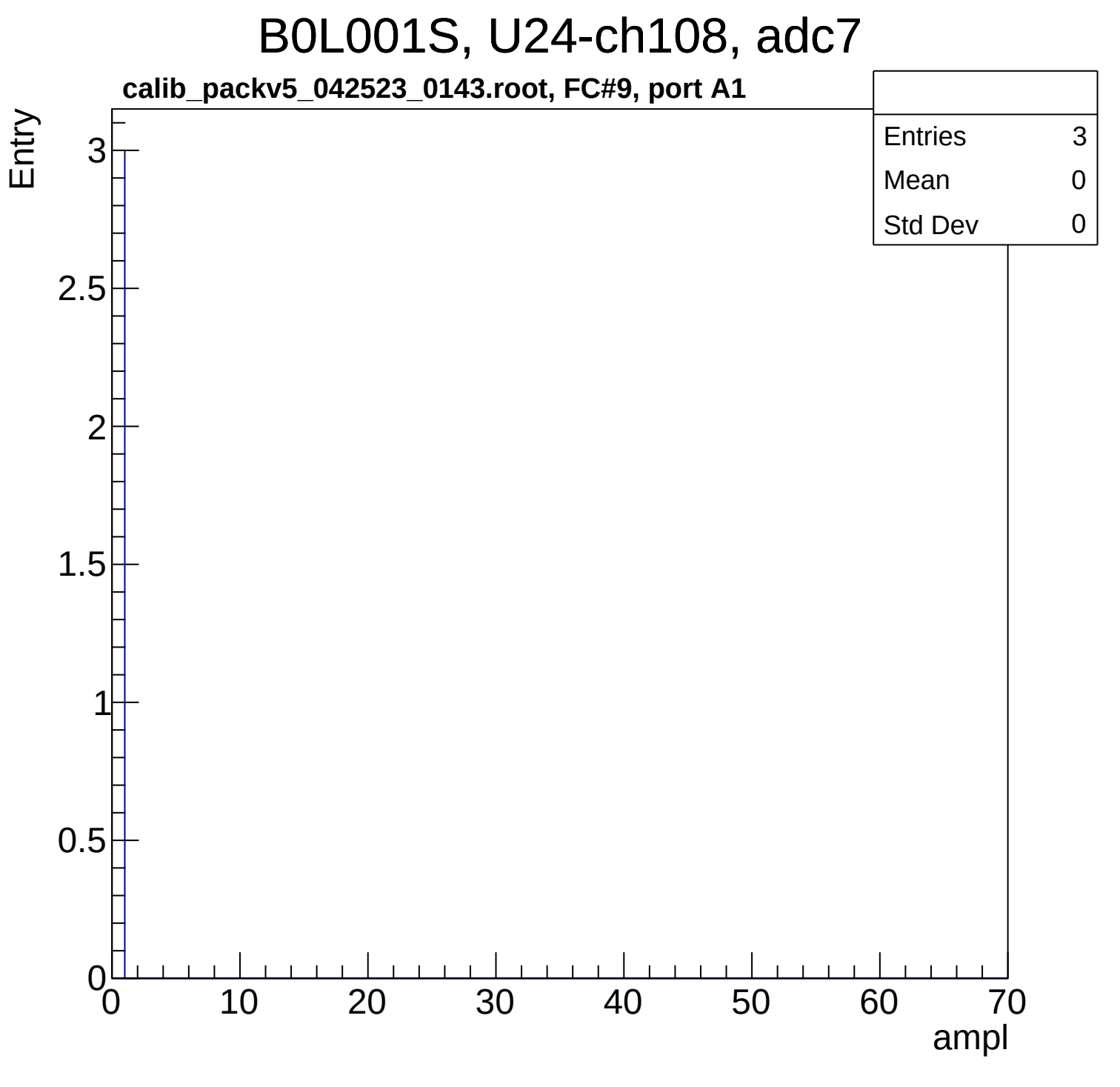
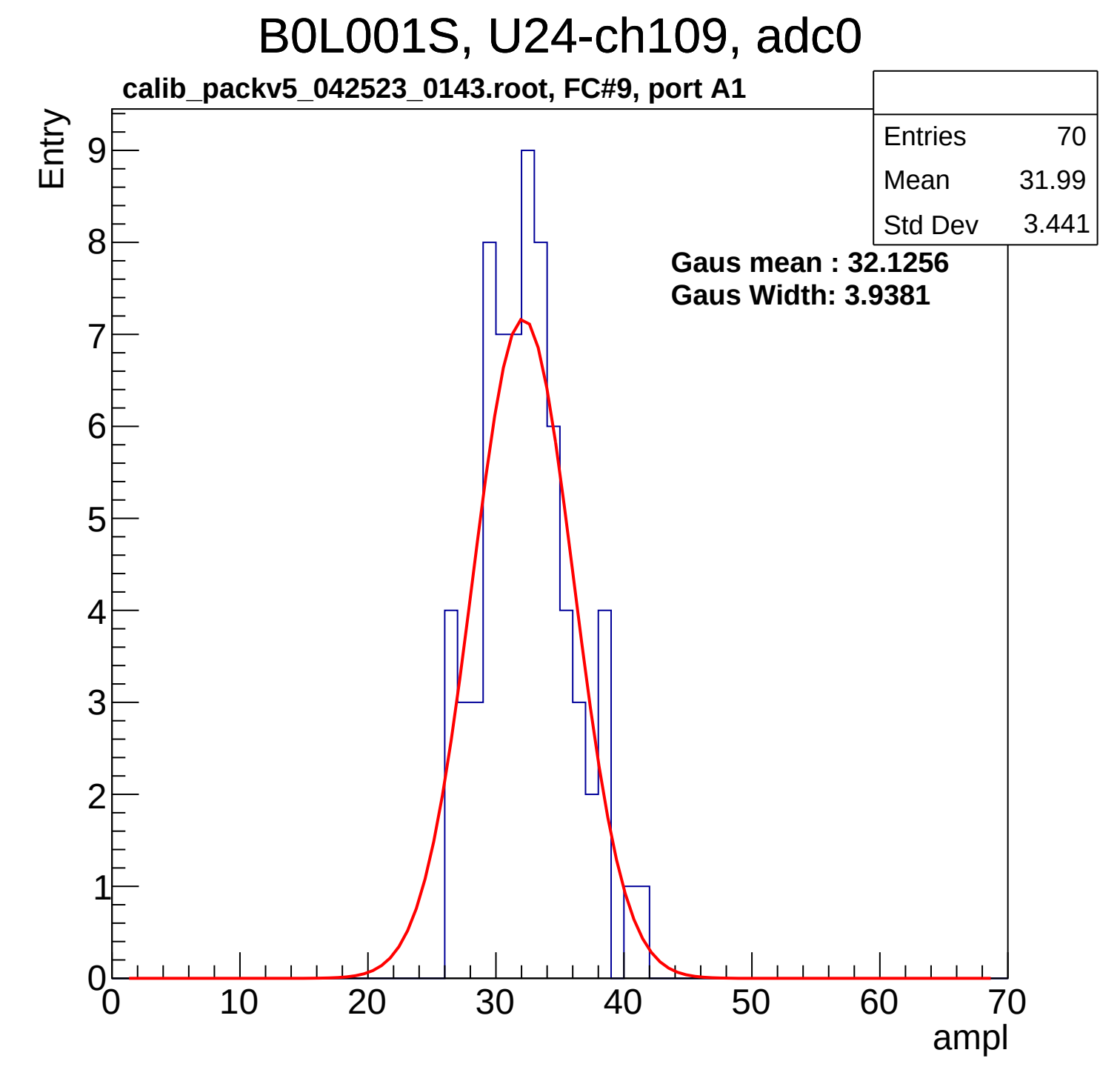
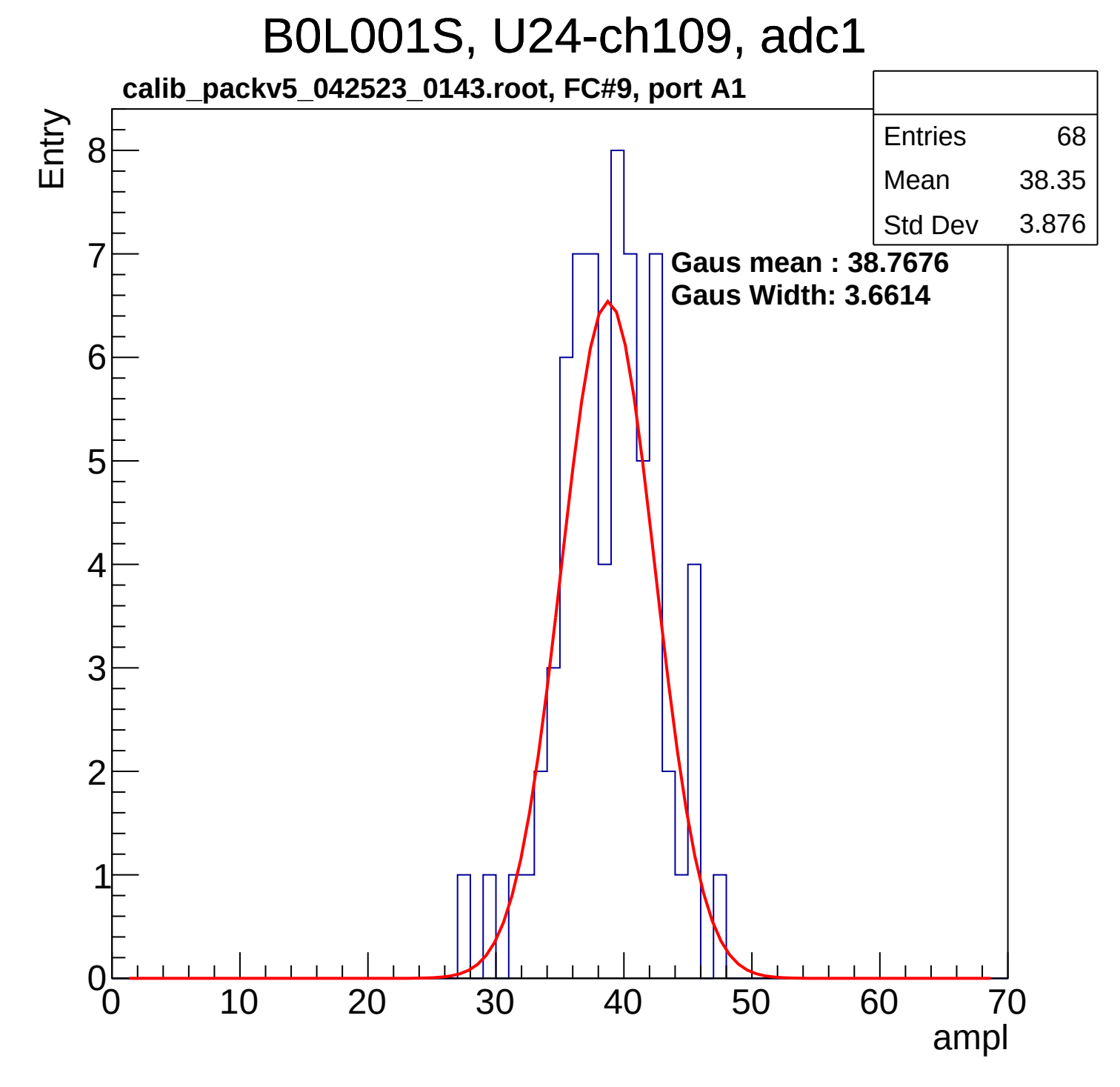
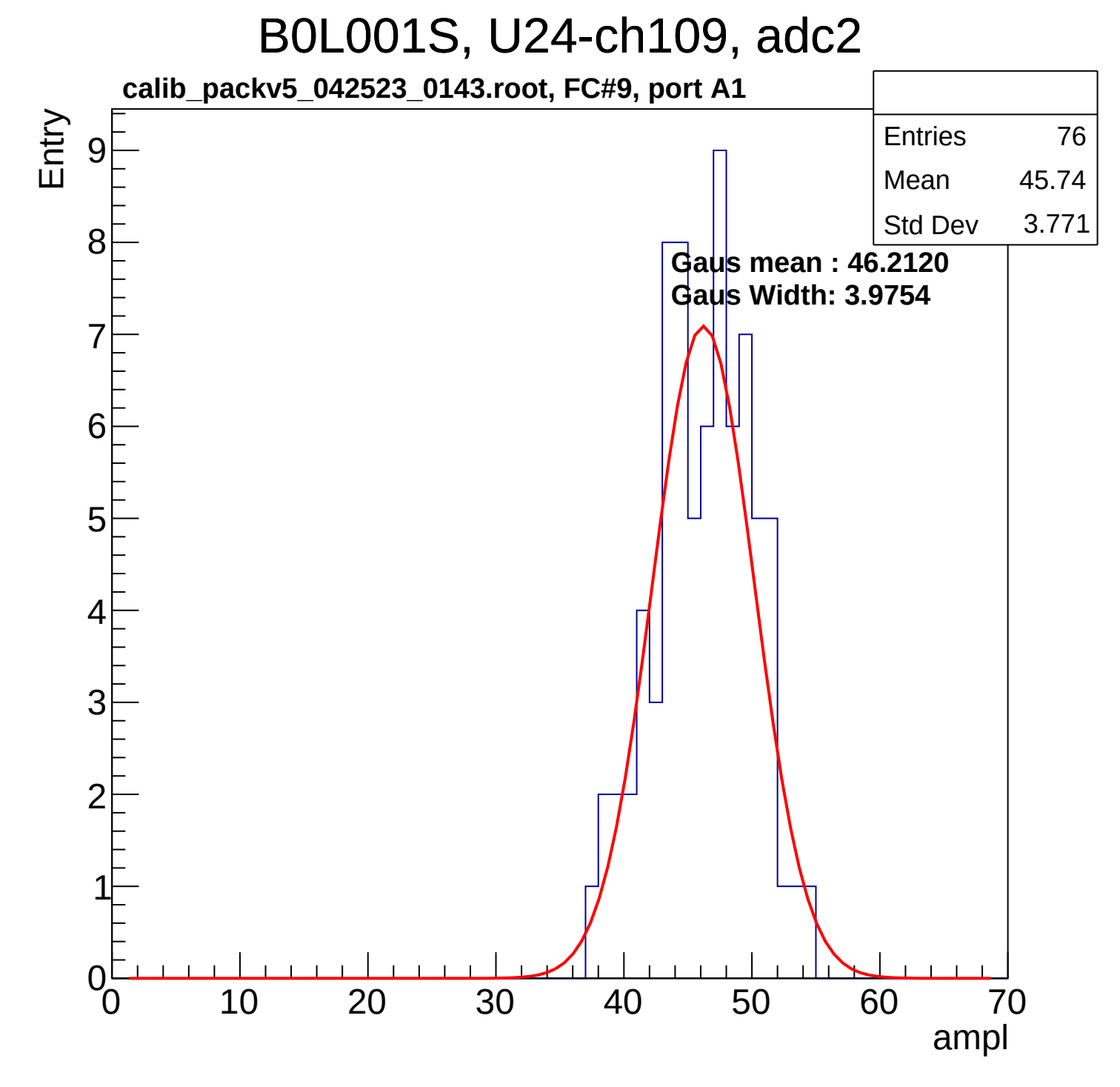

B0L001S, U24-ch108, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 61.38
Std Dev 1.472
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch108, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch108, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch109, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 31.99
Std Dev 3.441
Gaus mean : 32.1256
Gaus Width: 3.9381
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch109, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 38.35
Std Dev 3.876
Gaus mean : 38.7676
Gaus Width: 3.6614
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch109, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 45.74
Std Dev 3.771
Gaus mean : 46.2120
Gaus Width: 3.9754
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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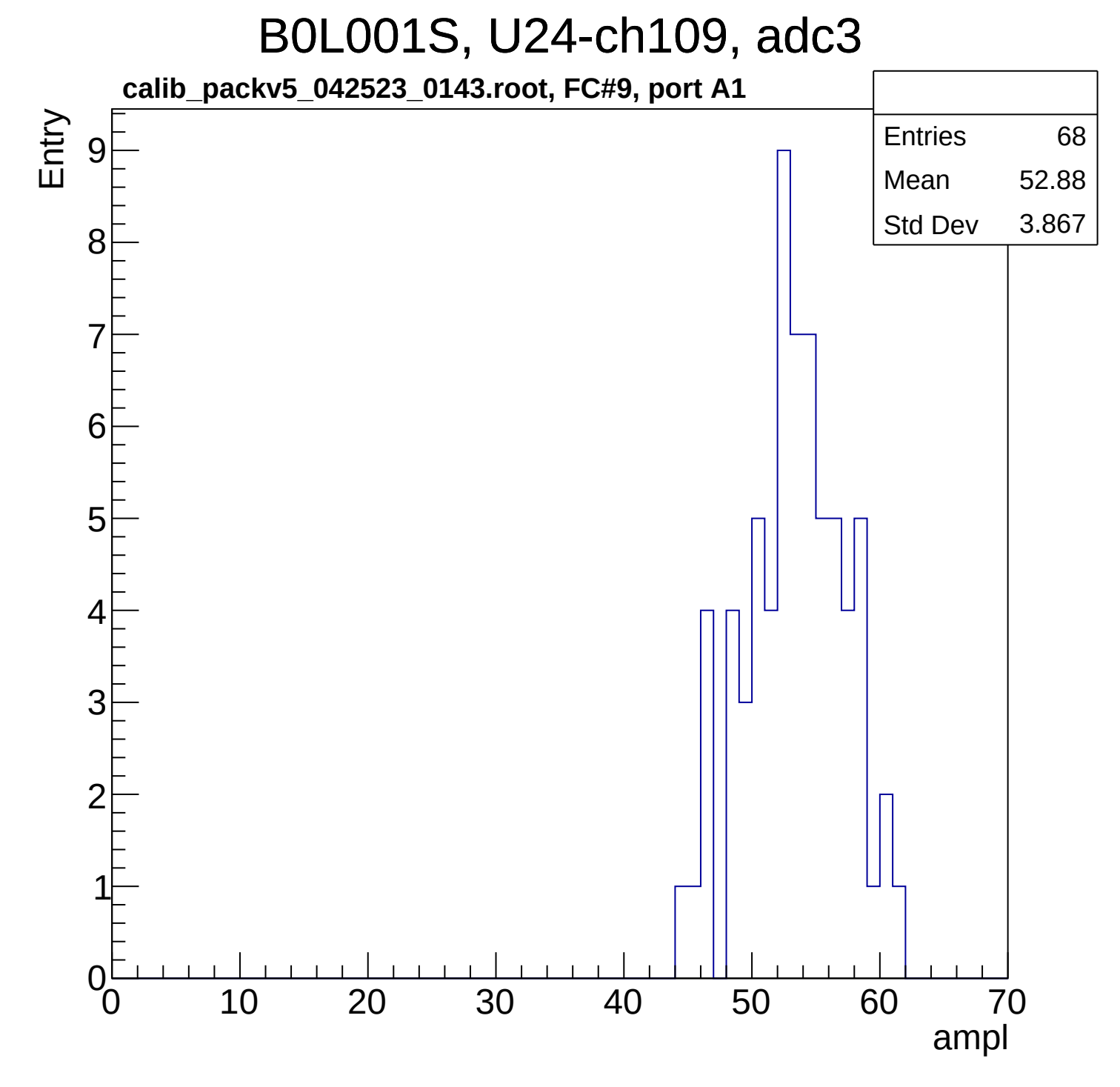
B0L001S, U24-ch109, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 68
Mean 52.88
Std Dev 3.867
Entry
ampl
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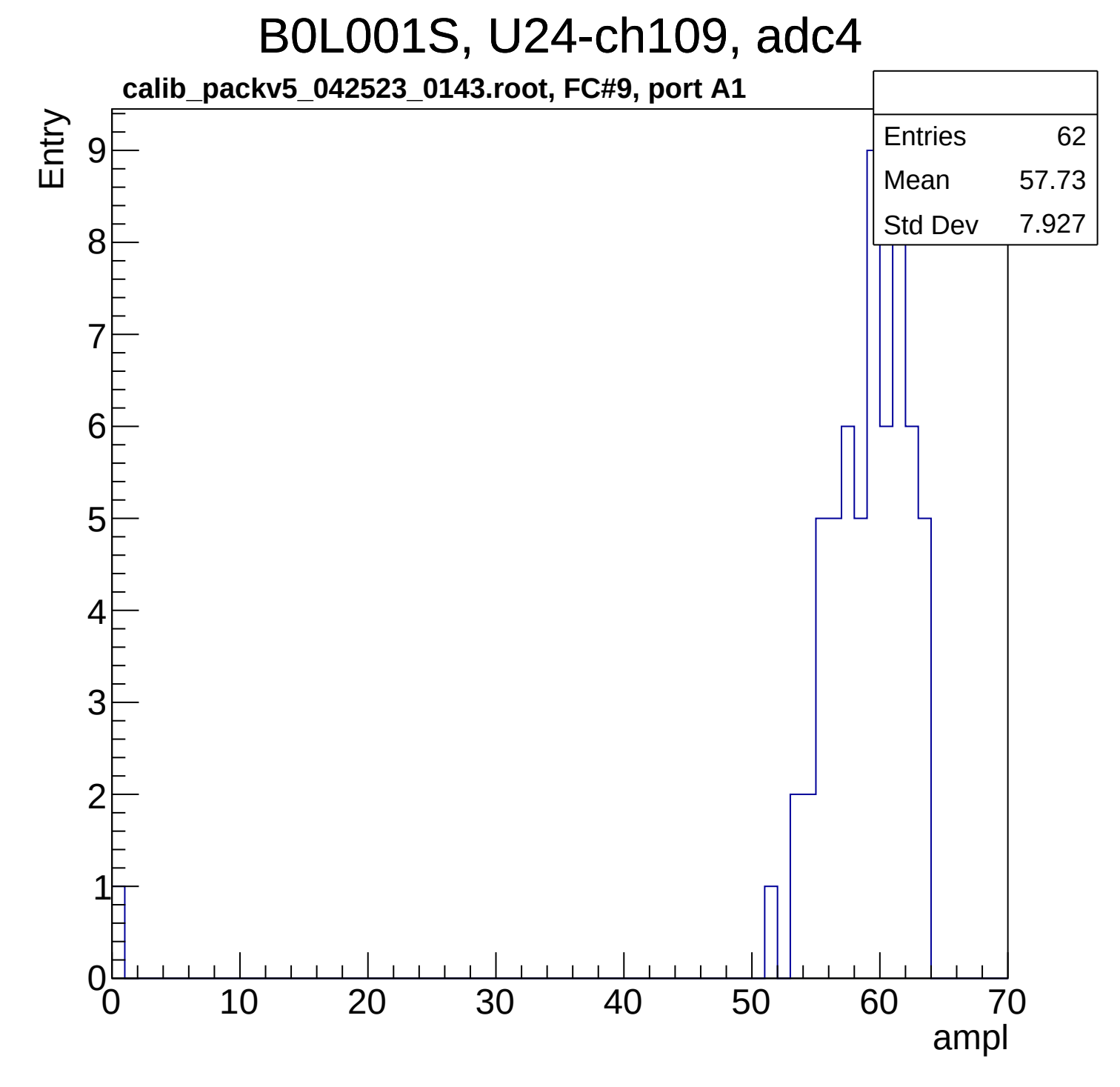
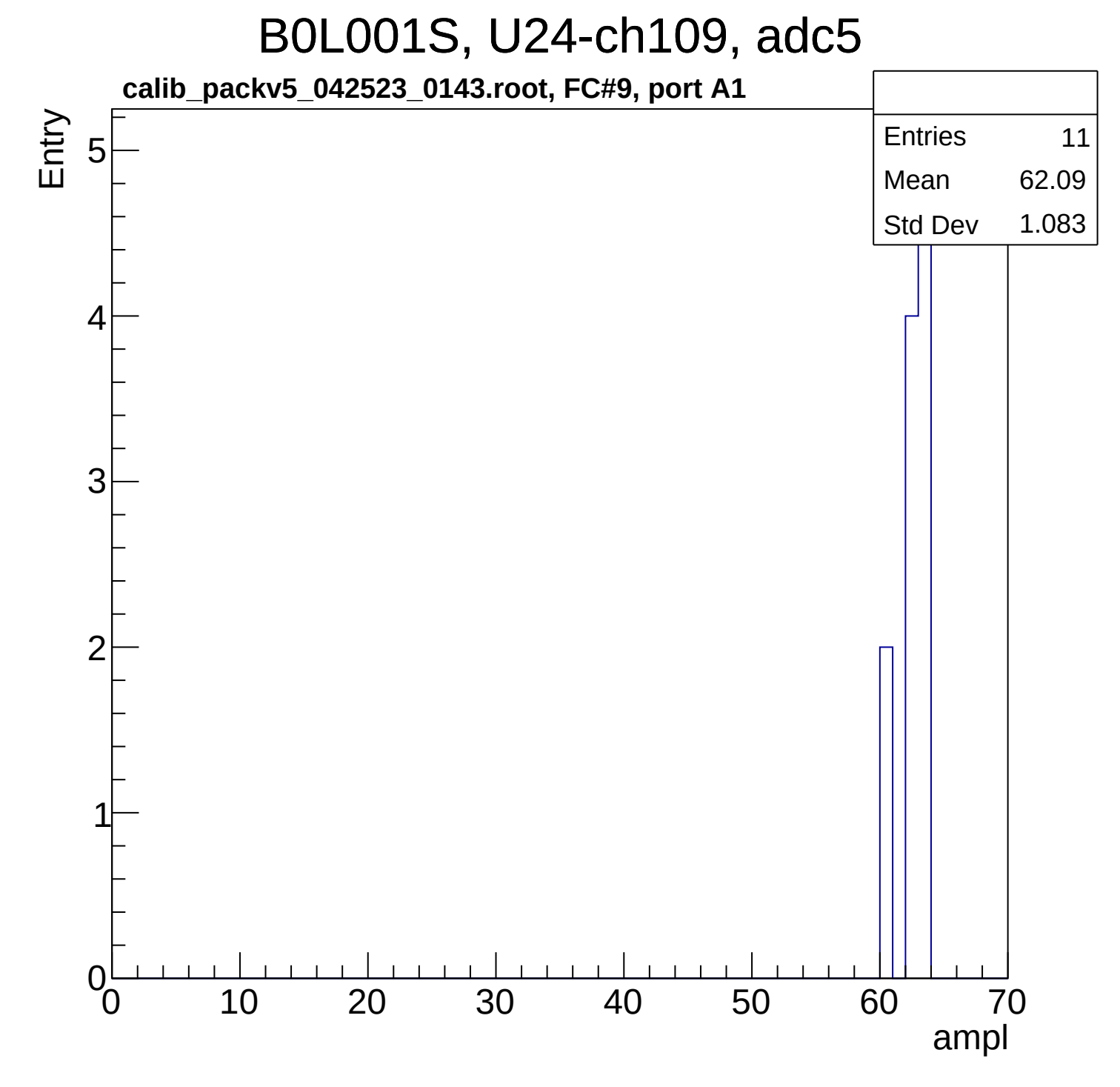
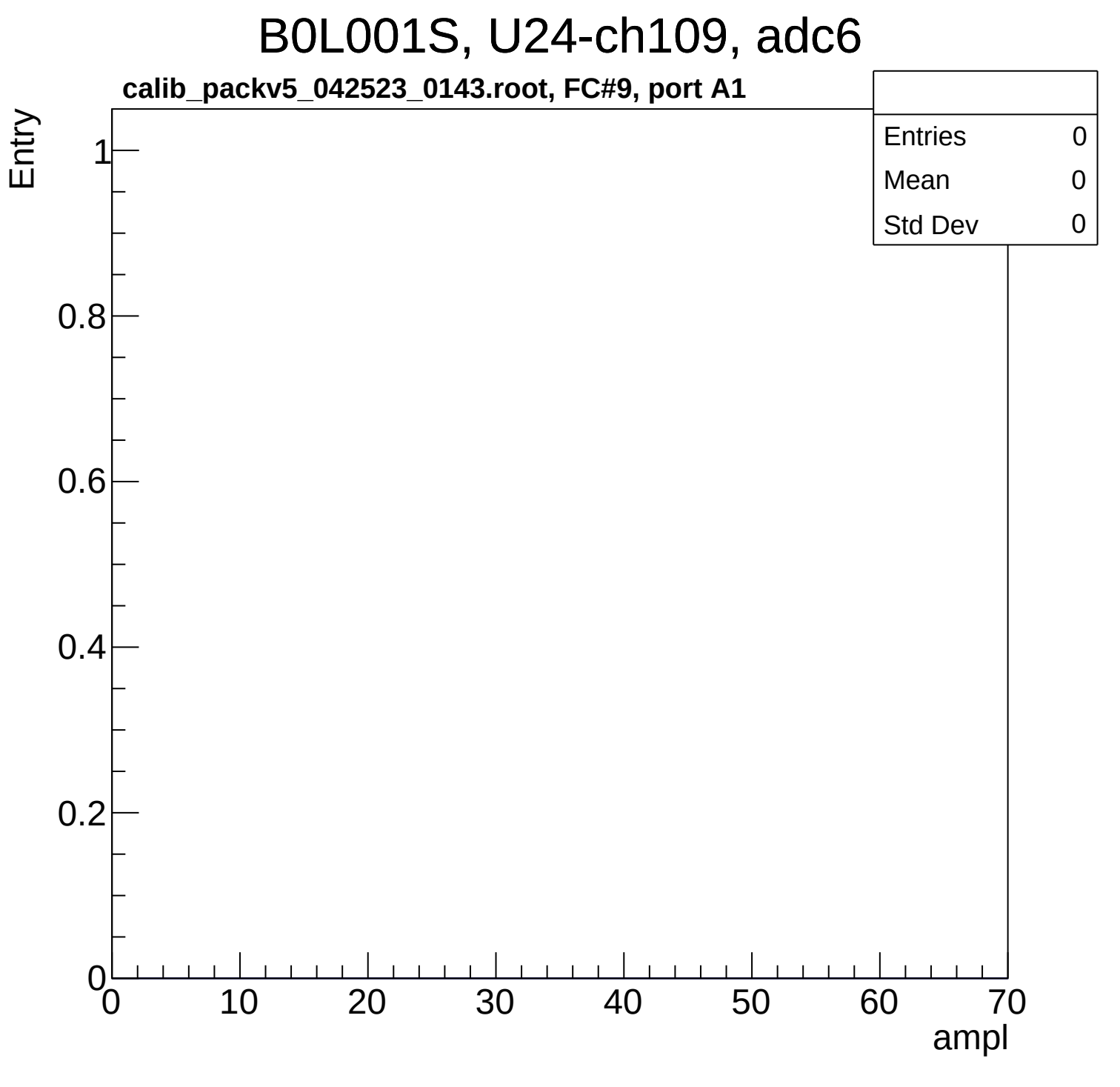
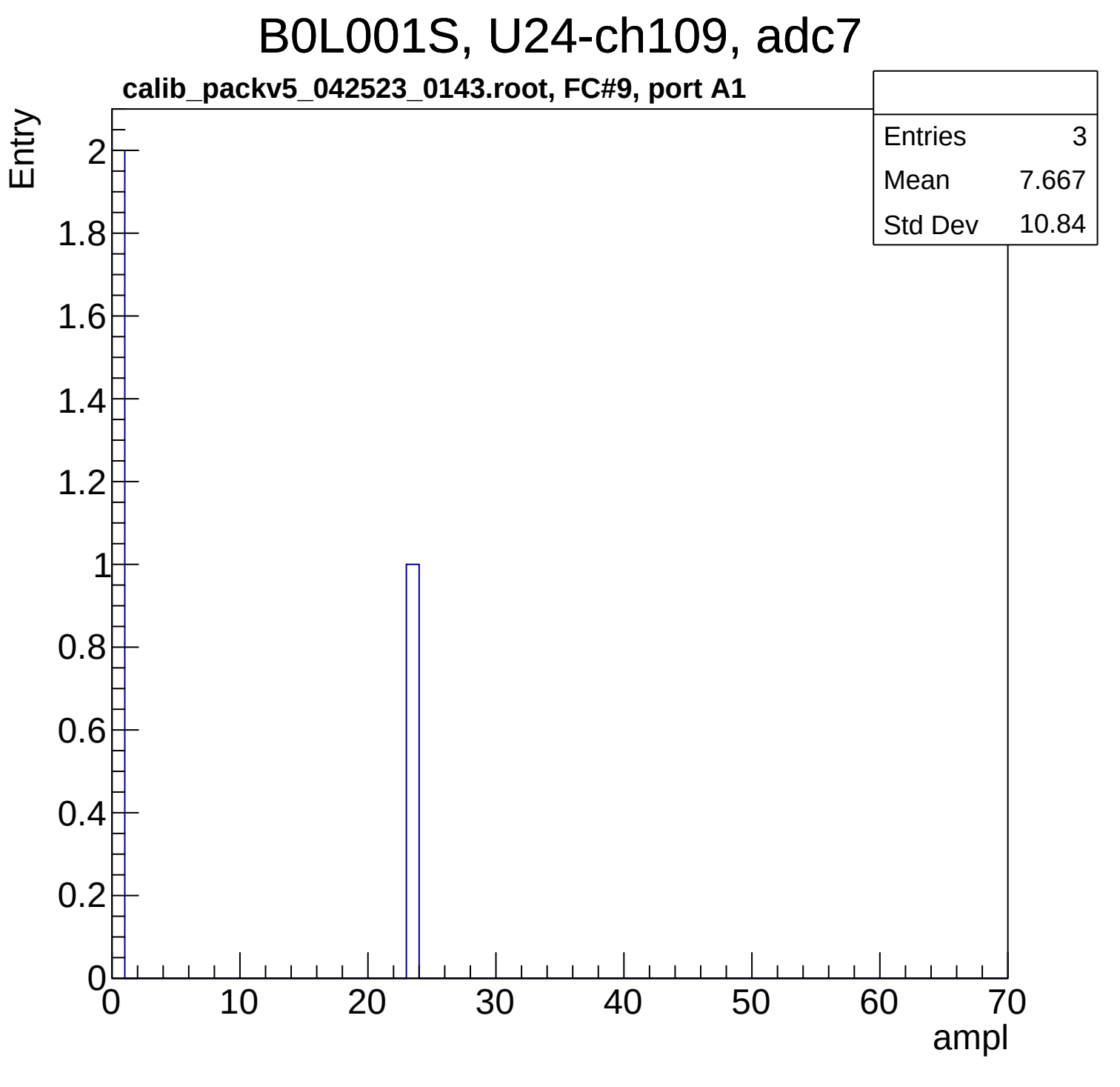
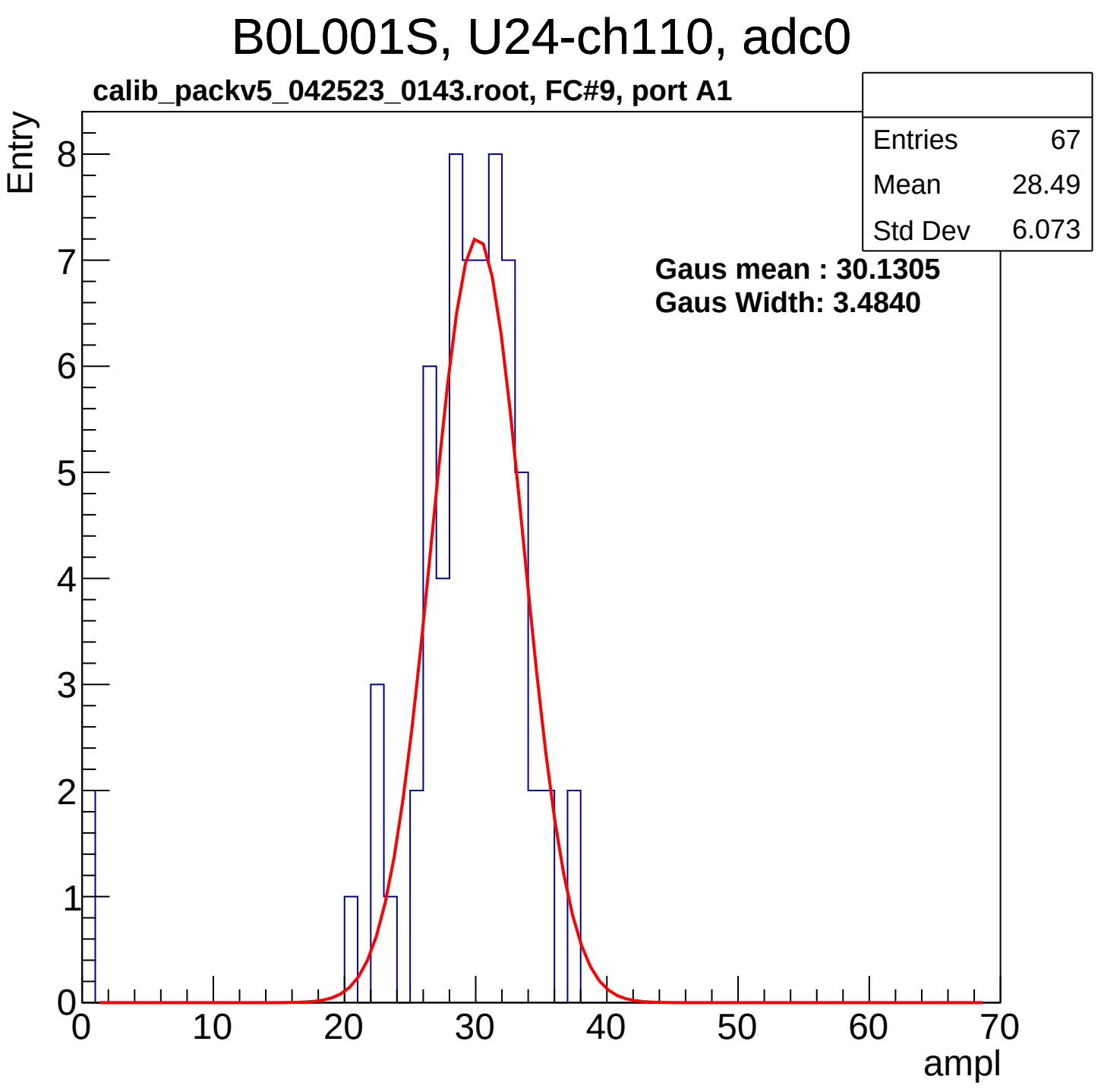
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

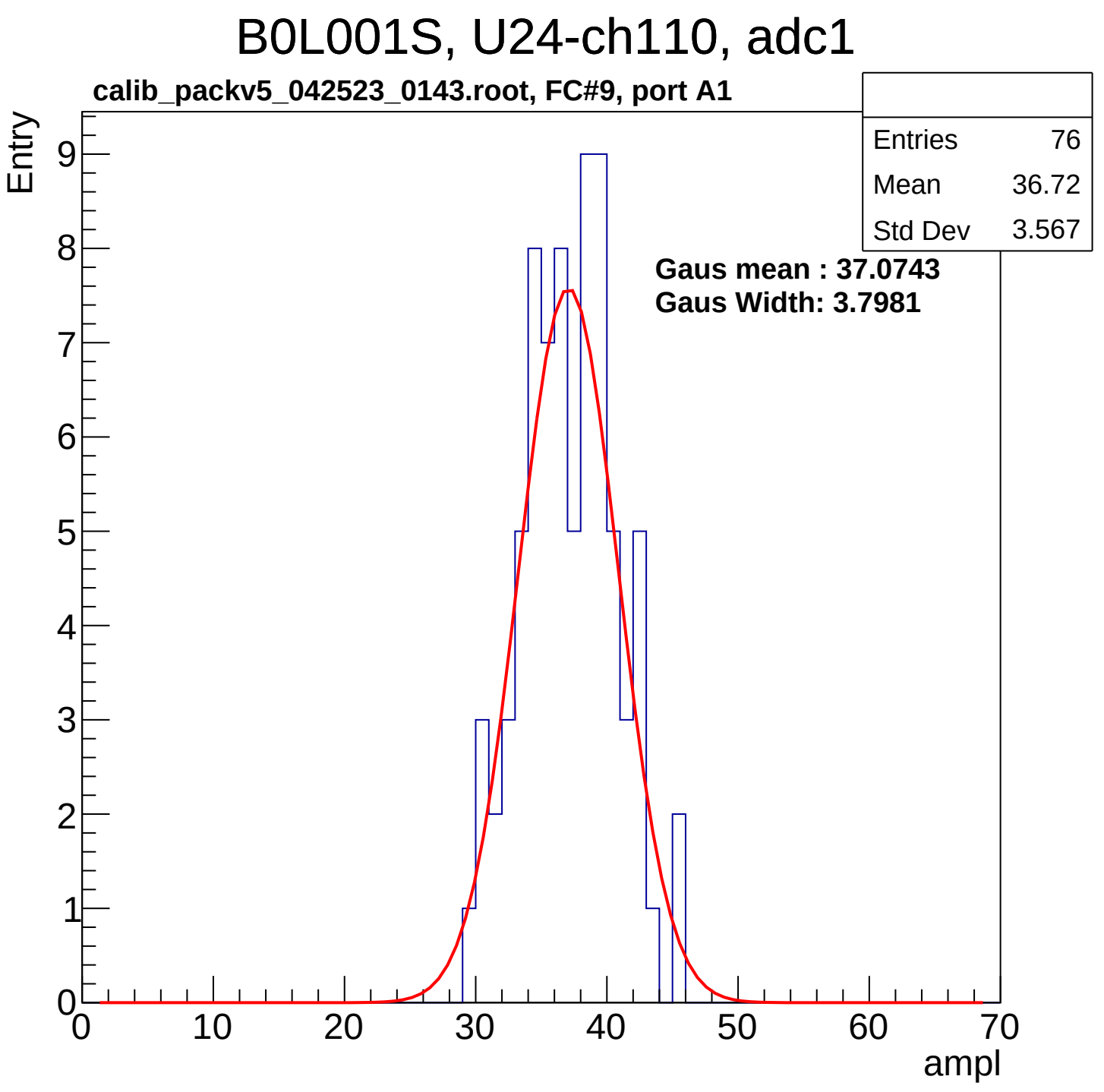

B0L001S, U24-ch109, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 57.73
Std Dev 7.927
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch109, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 11
Mean 62.09
Std Dev 1.083
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B0L001S, U24-ch109, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch109, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 7.667
Std Dev 10.84
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch110, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 28.49
Std Dev 6.073
Gaus mean : 30.1305
Gaus Width: 3.4840
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch110, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 36.72
Std Dev 3.567
Gaus mean : 37.0743
Gaus Width: 3.7981
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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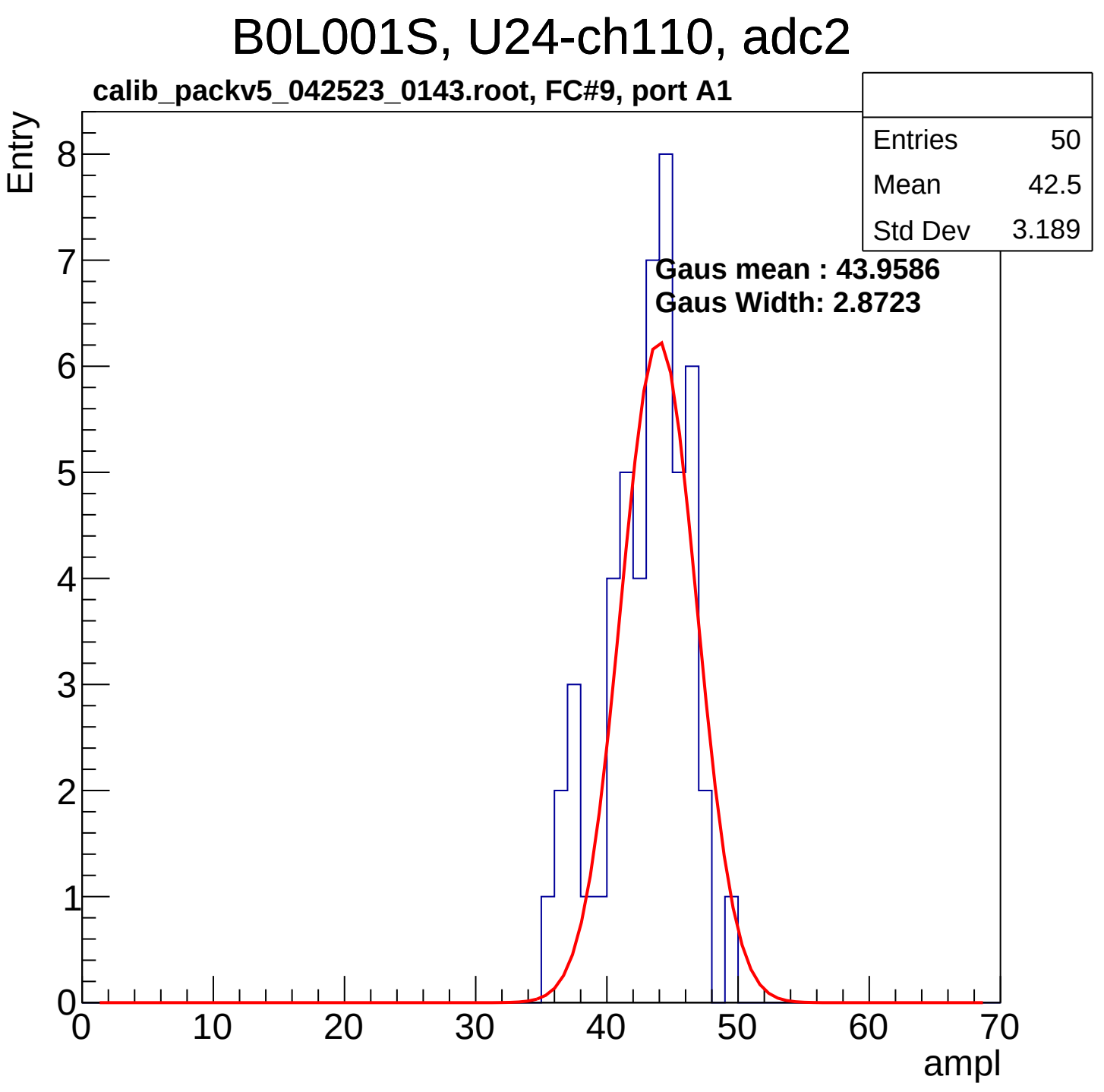
B0L001S, U24-ch110, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 42.5
Std Dev 3.189
Gaus mean : 43.9586
Gaus Width: 2.8723
Entry
ampl
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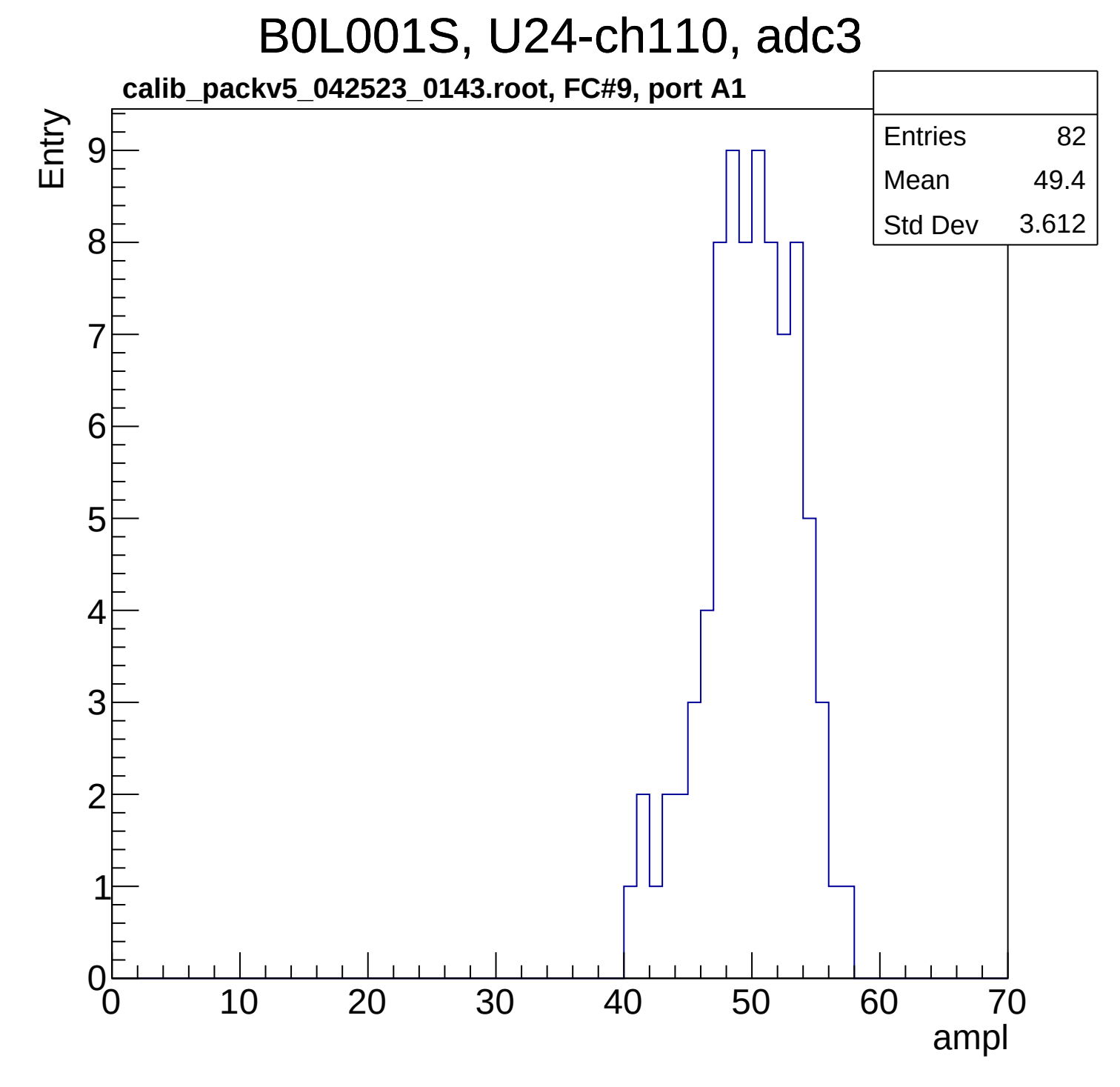
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch110, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 82
Mean 49.4
Std Dev 3.612
Entry
ampl
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3
4
5
6
7
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9
0
10
20
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40
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60
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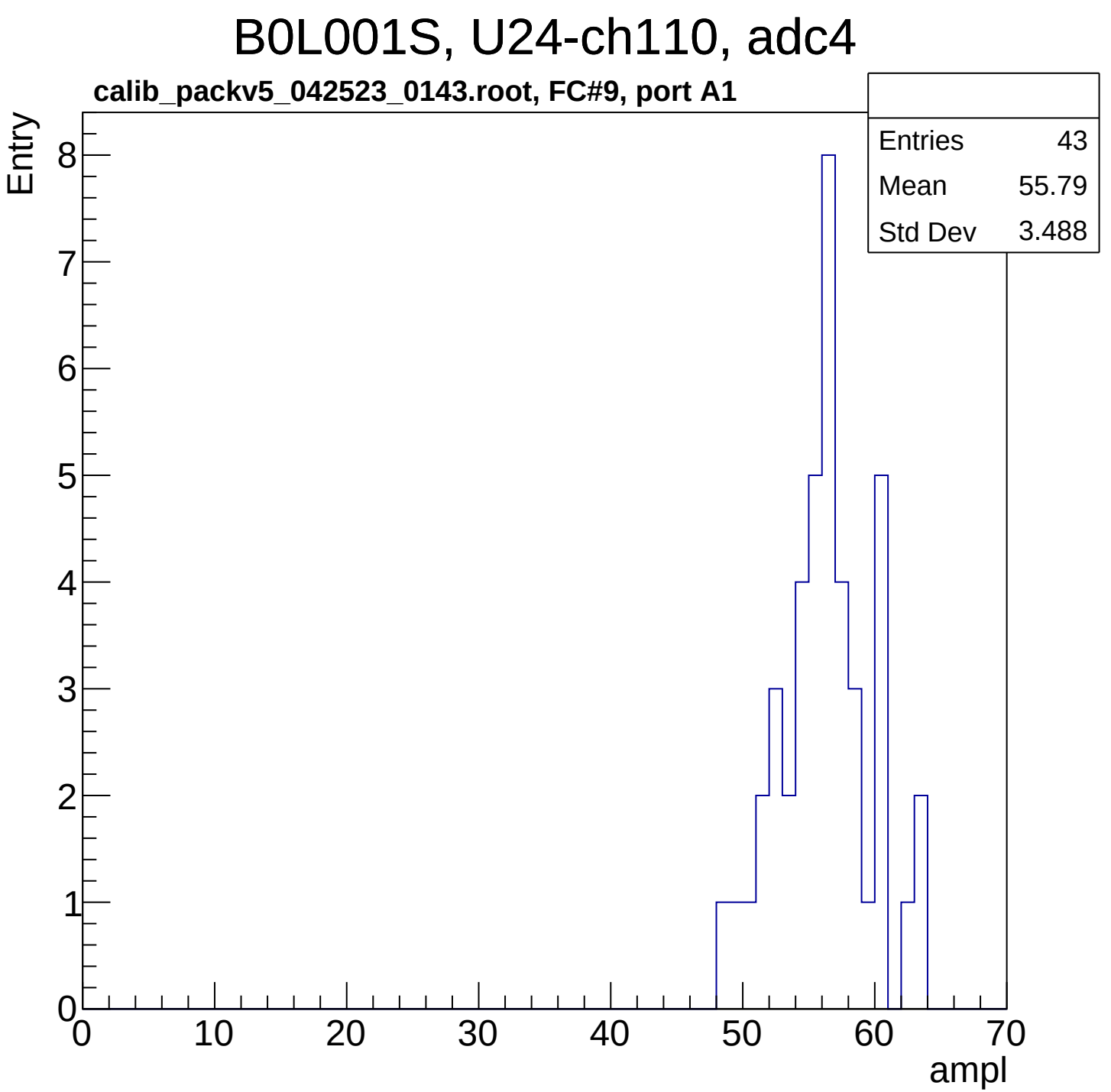
B0L001S, U24-ch110, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 55.79
Std Dev 3.488
Entry
ampl
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4
5
6
7
8
0
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20
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40
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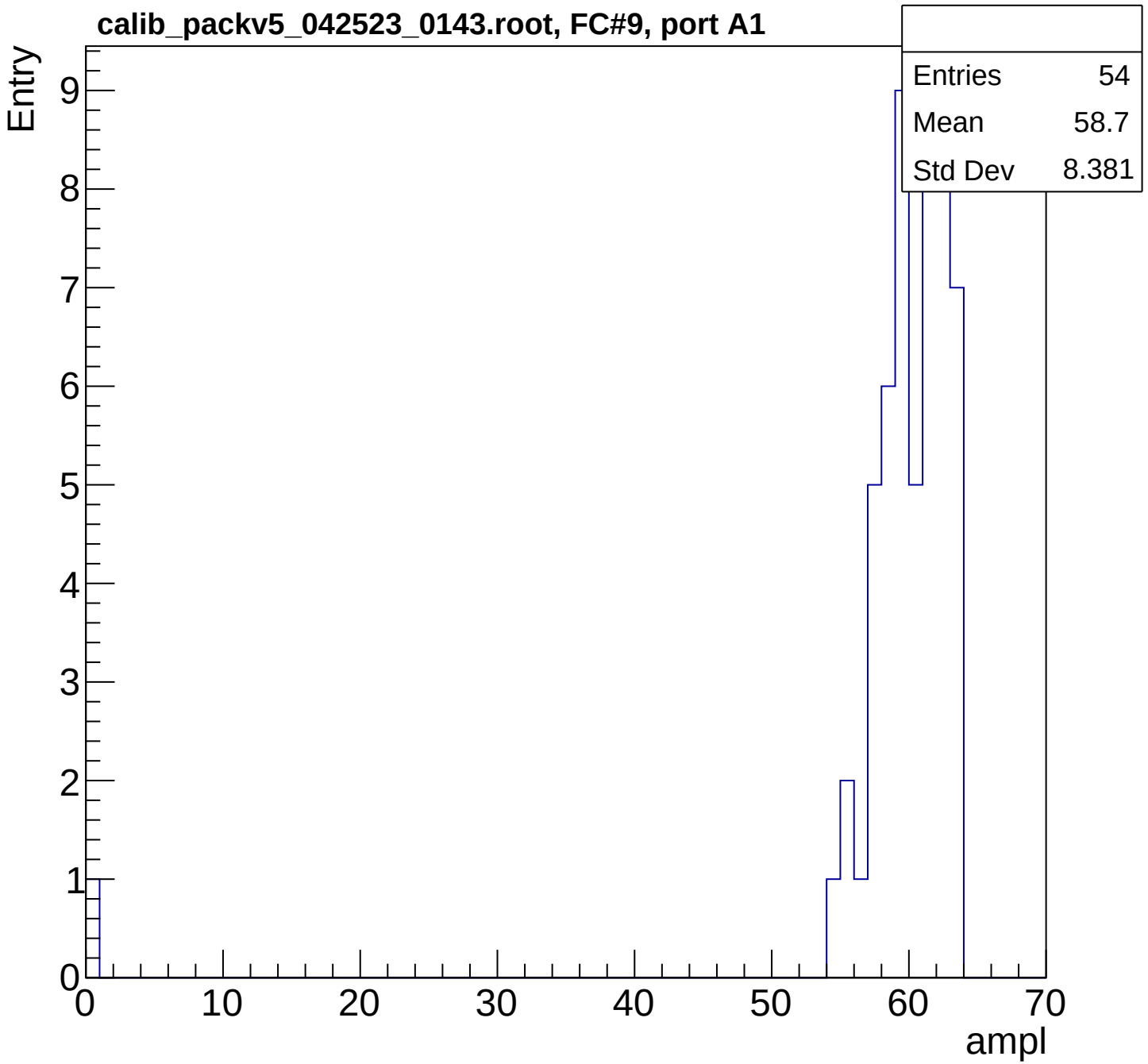
60
70


B0L001S, U24-ch110, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 58.7
Std Dev 8.381
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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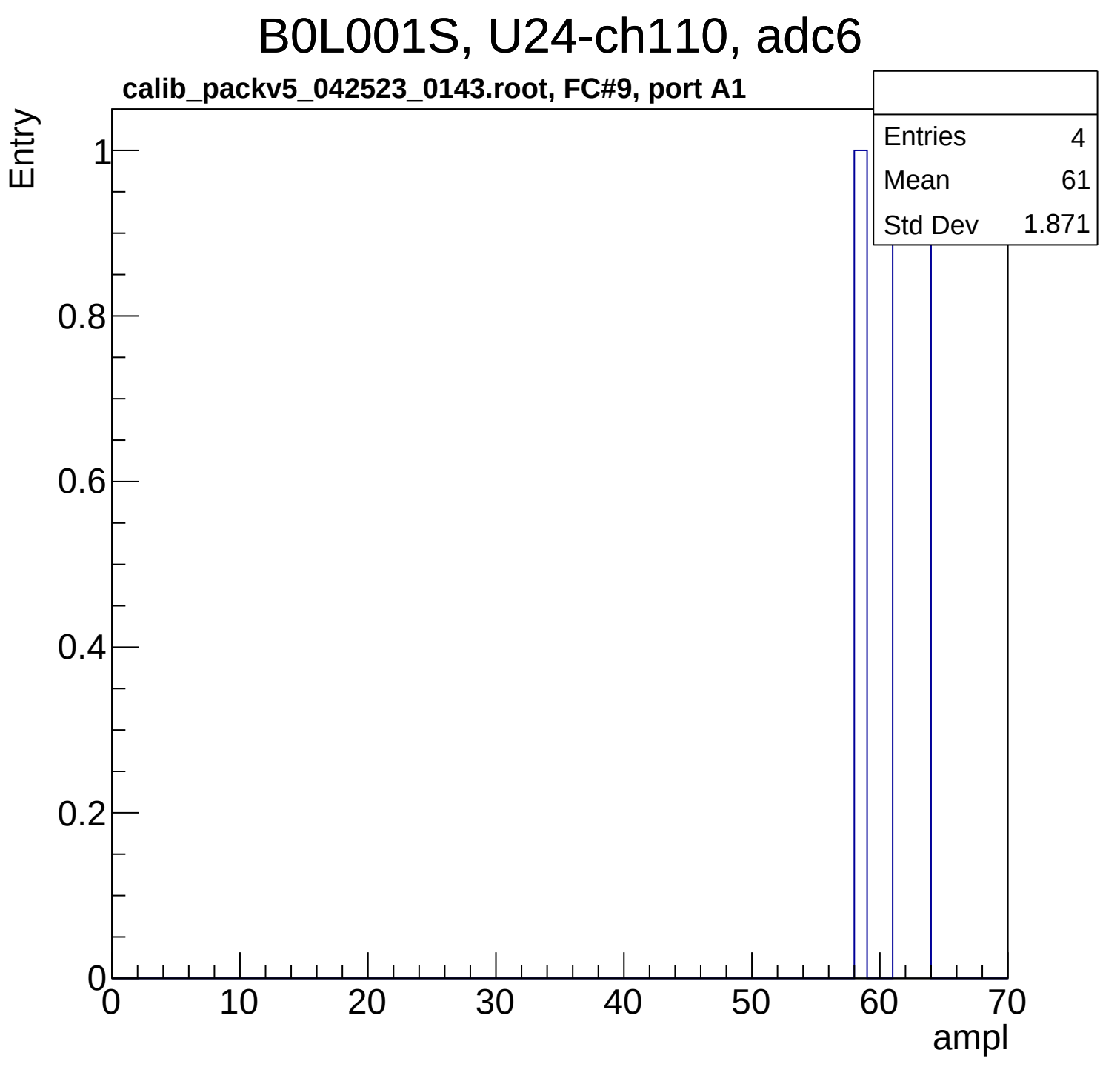
B0L001S, U24-ch110, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 4
Mean 61
Std Dev 1.871
Entry
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0.6
0.4
0.2
0
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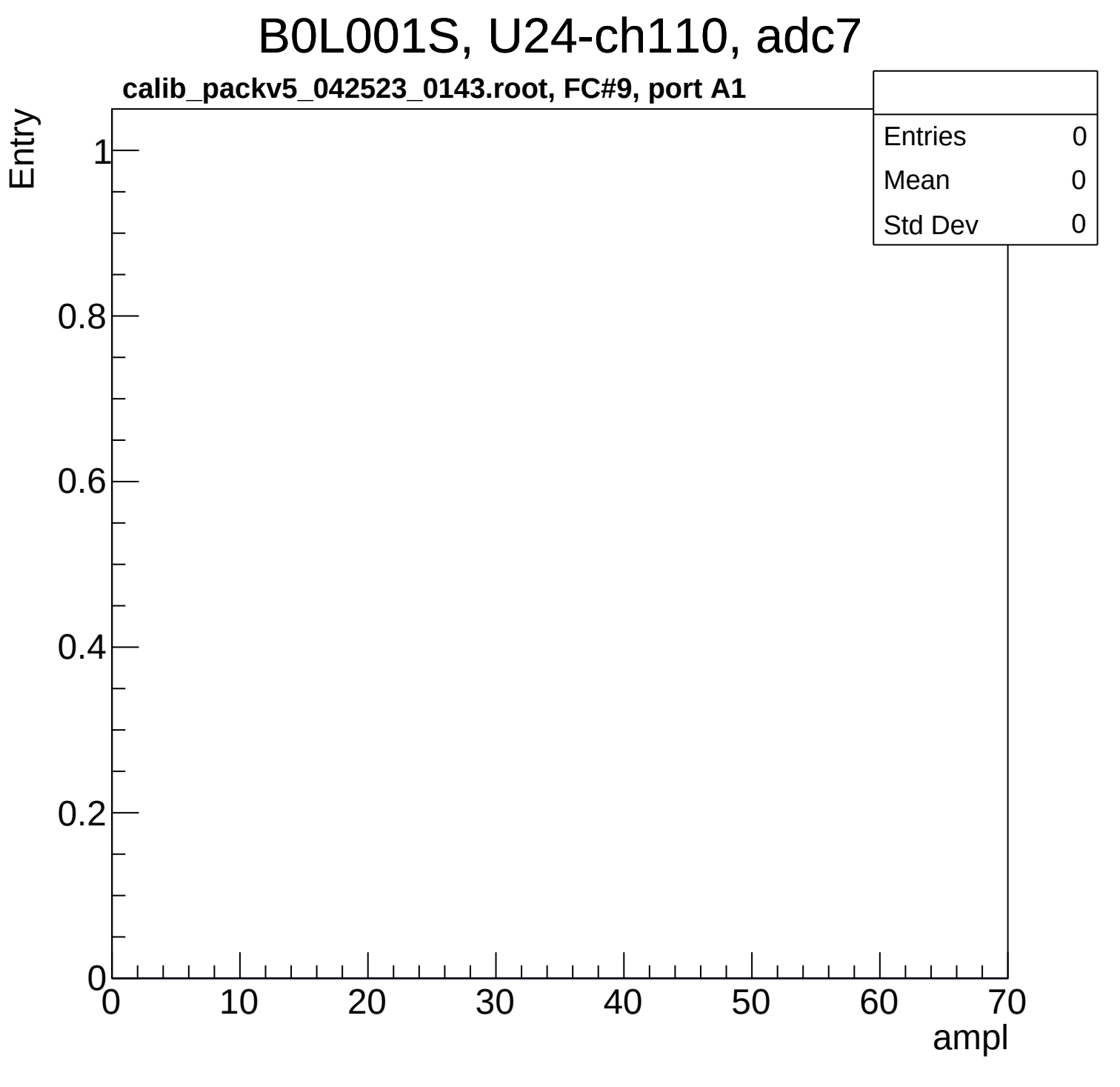
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch110, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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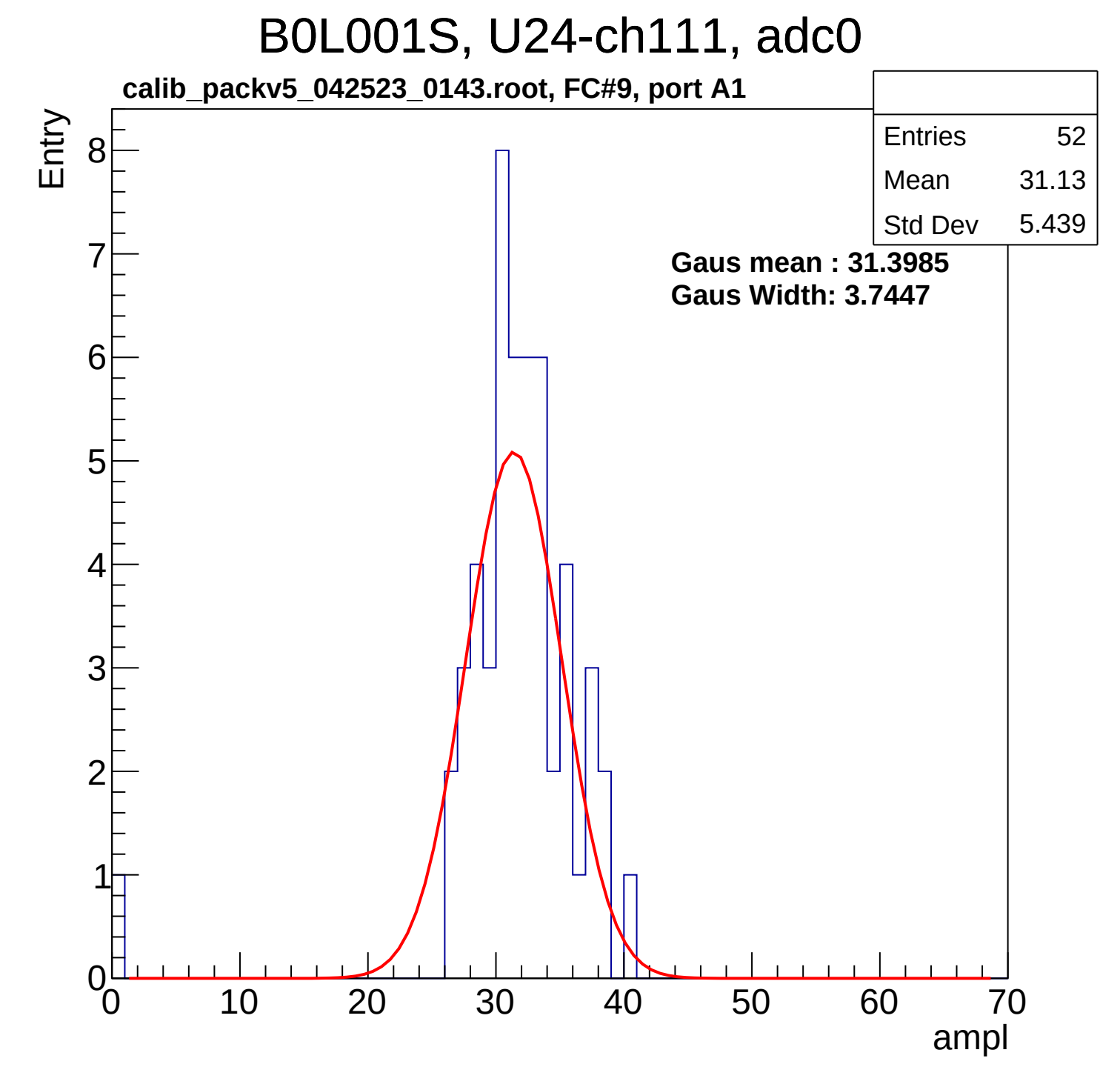
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch111, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 31.13
Std Dev 5.439
Gaus mean : 31.3985
Gaus Width: 3.7447
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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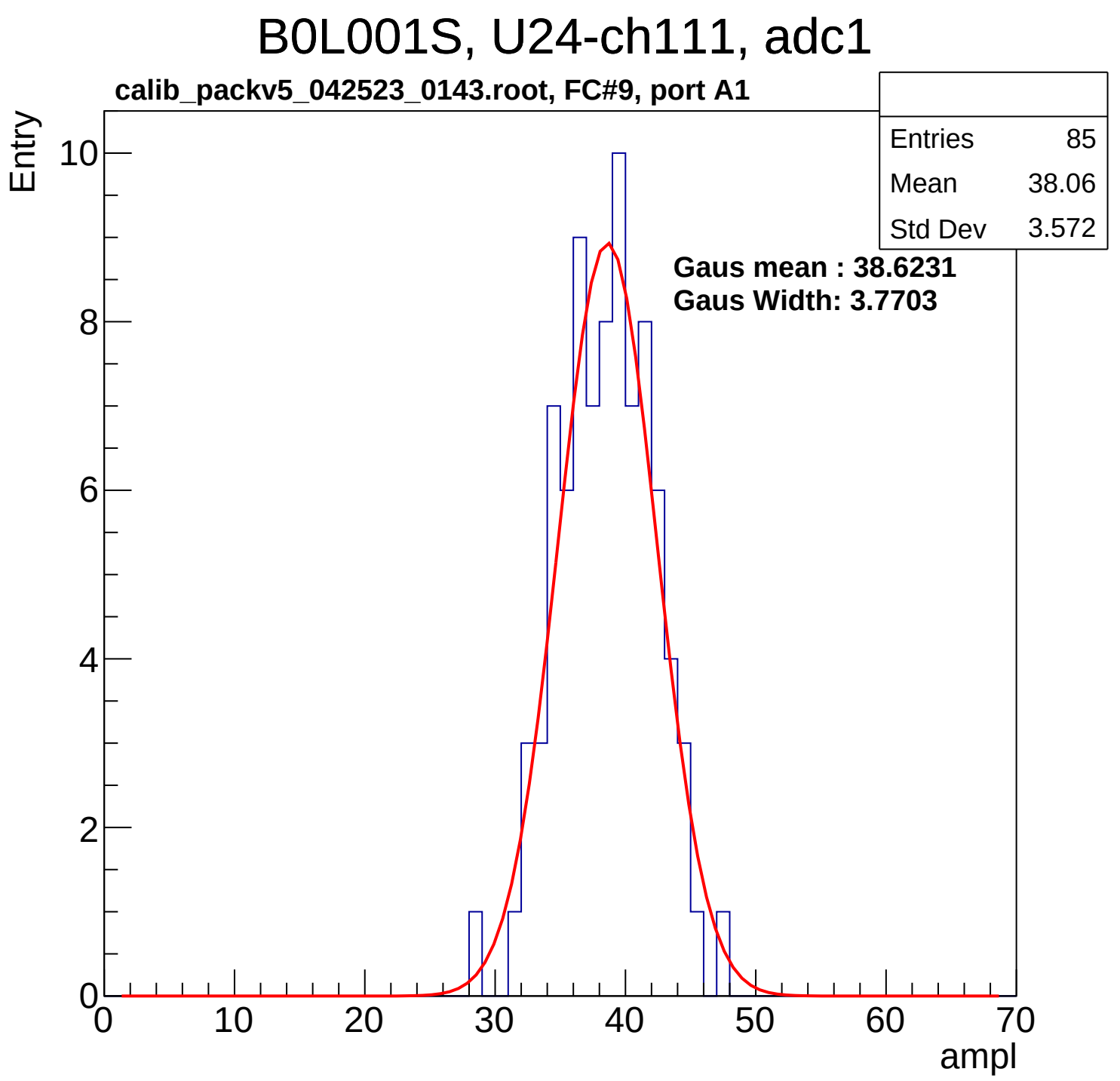
40
50
60
70


B0L001S, U24-ch111, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 85
Mean 38.06
Std Dev 3.572
Gaus mean : 38.6231
Gaus Width: 3.7703
Entry
ampl
0
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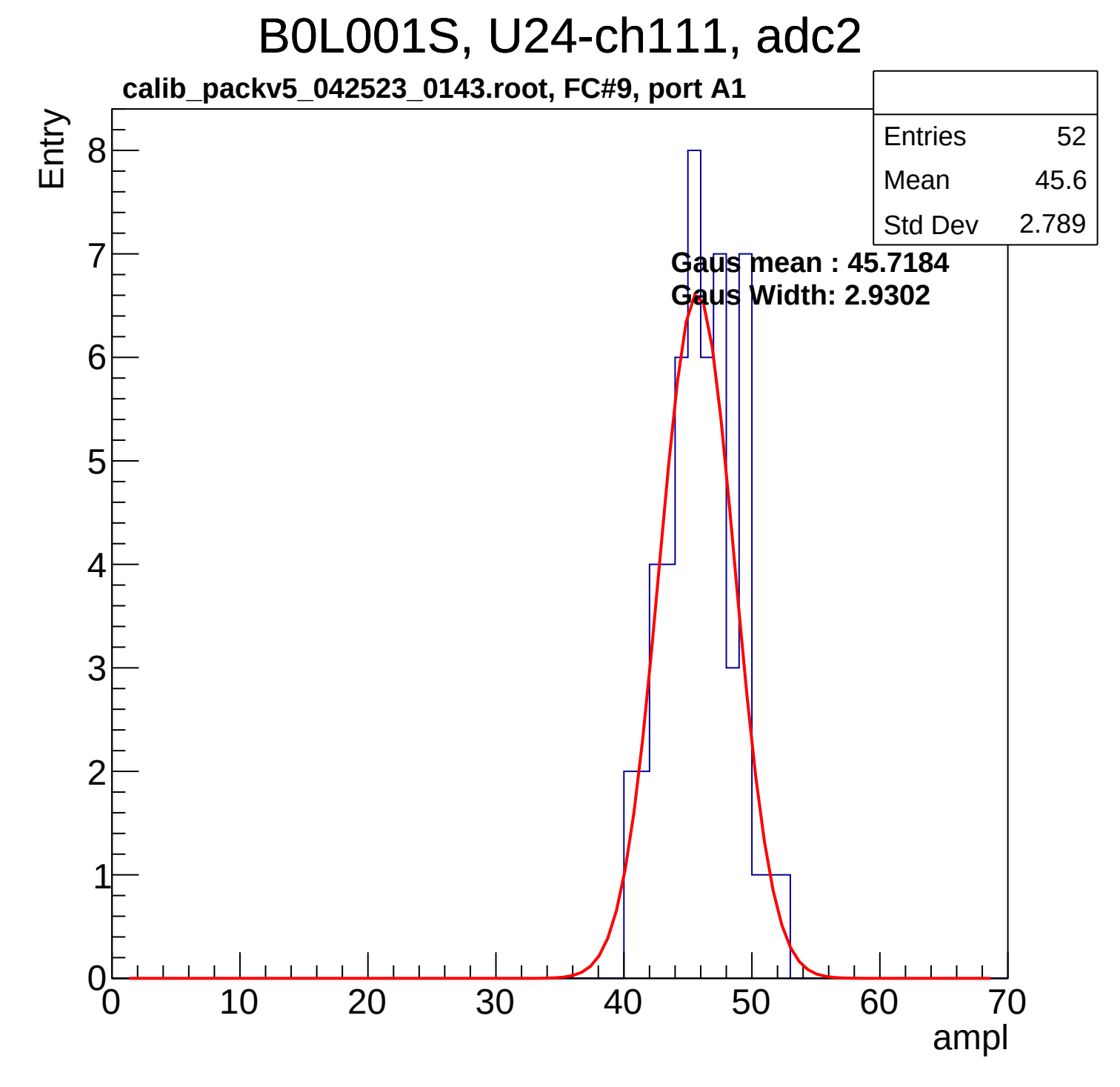
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch111, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 52
Mean 45.6
Std Dev 2.789
Gaus mean : 45.7184
Gaus Width: 2.9302
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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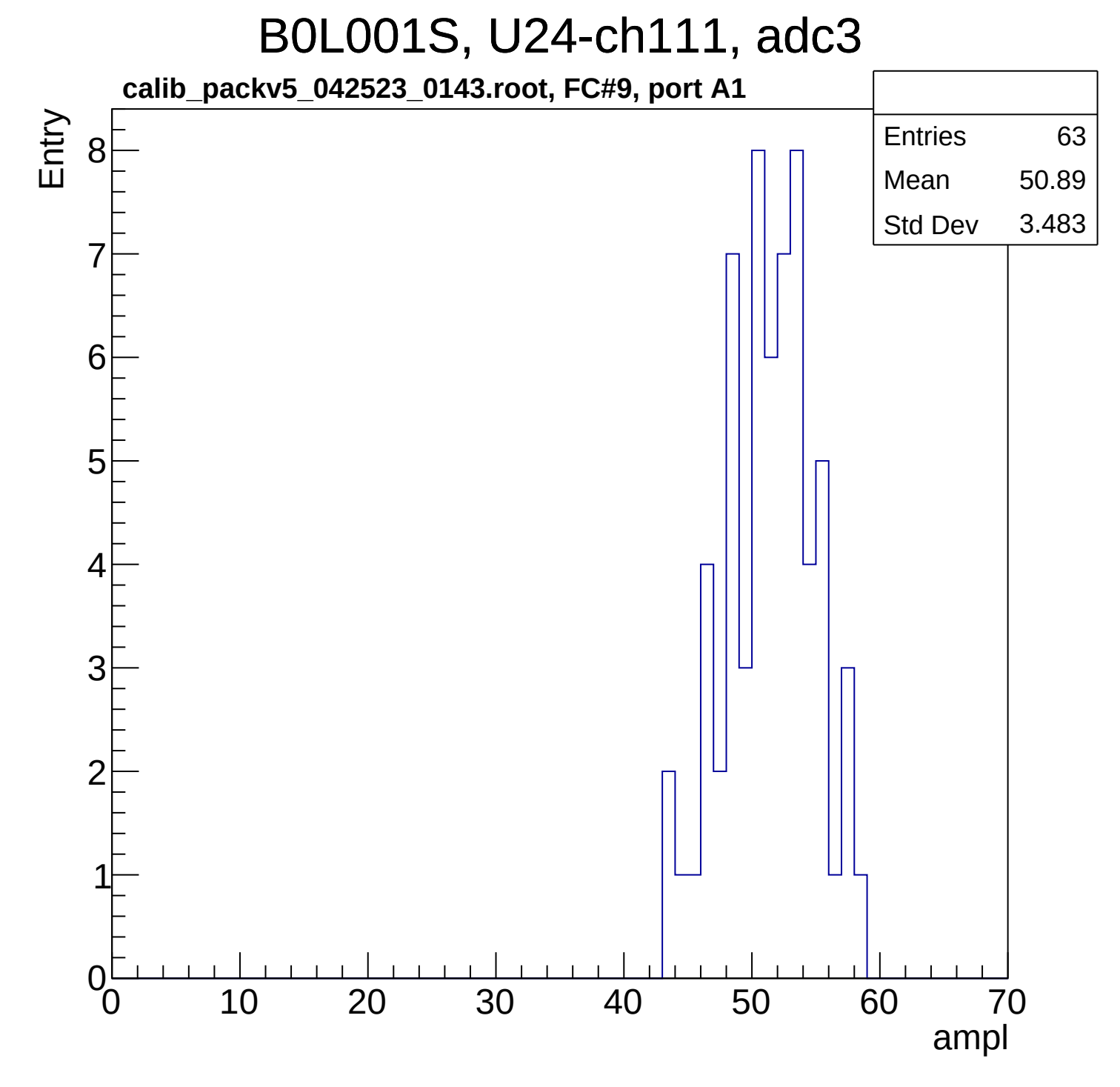
B0L001S, U24-ch111, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 50.89
Std Dev 3.483
Entry
ampl
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2
3
4
5
6
7
8
0
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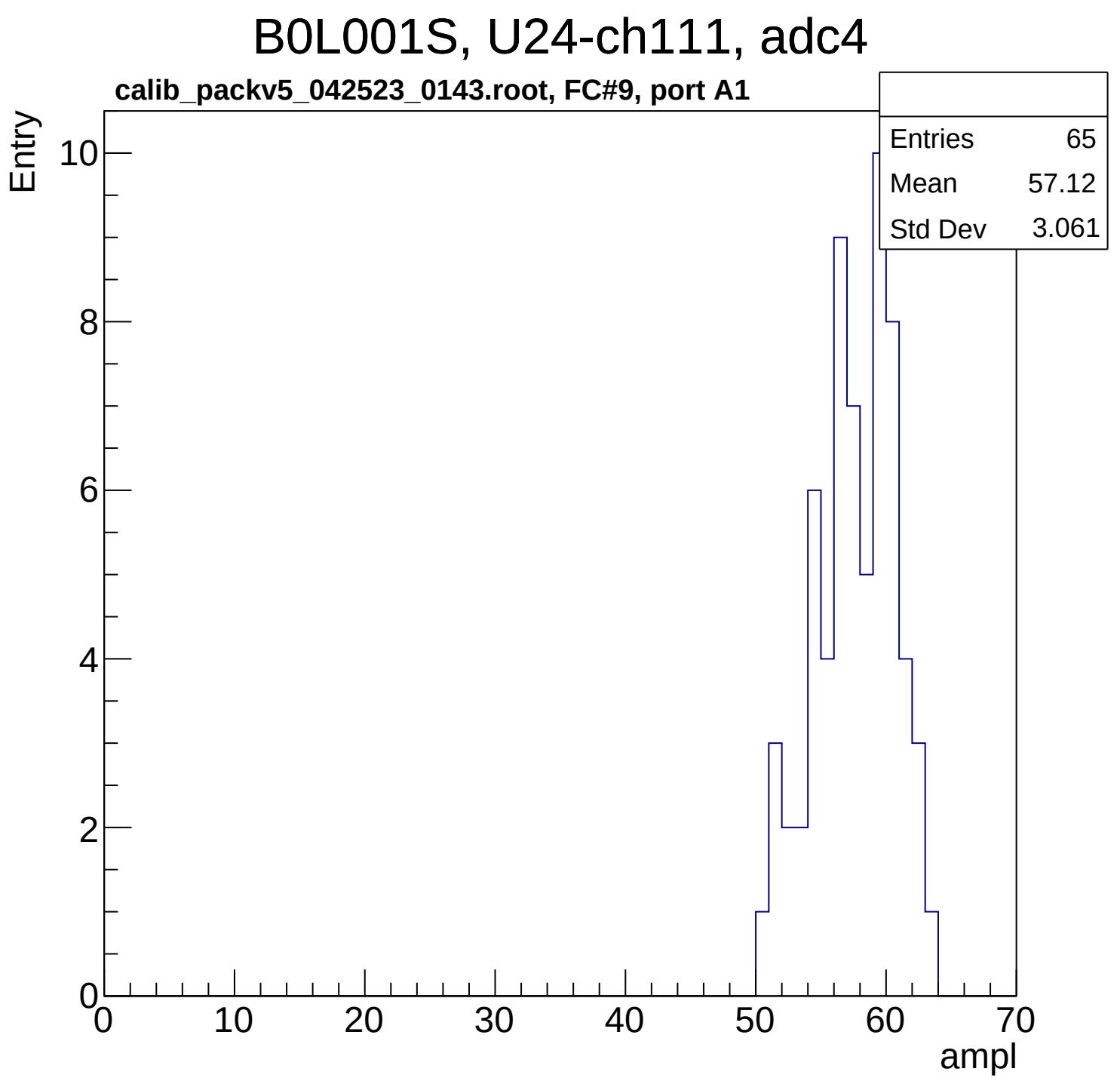
40
50
60
70


B0L001S, U24-ch111, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 57.12
Std Dev 3.061
Entry
ampl
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2
4
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8
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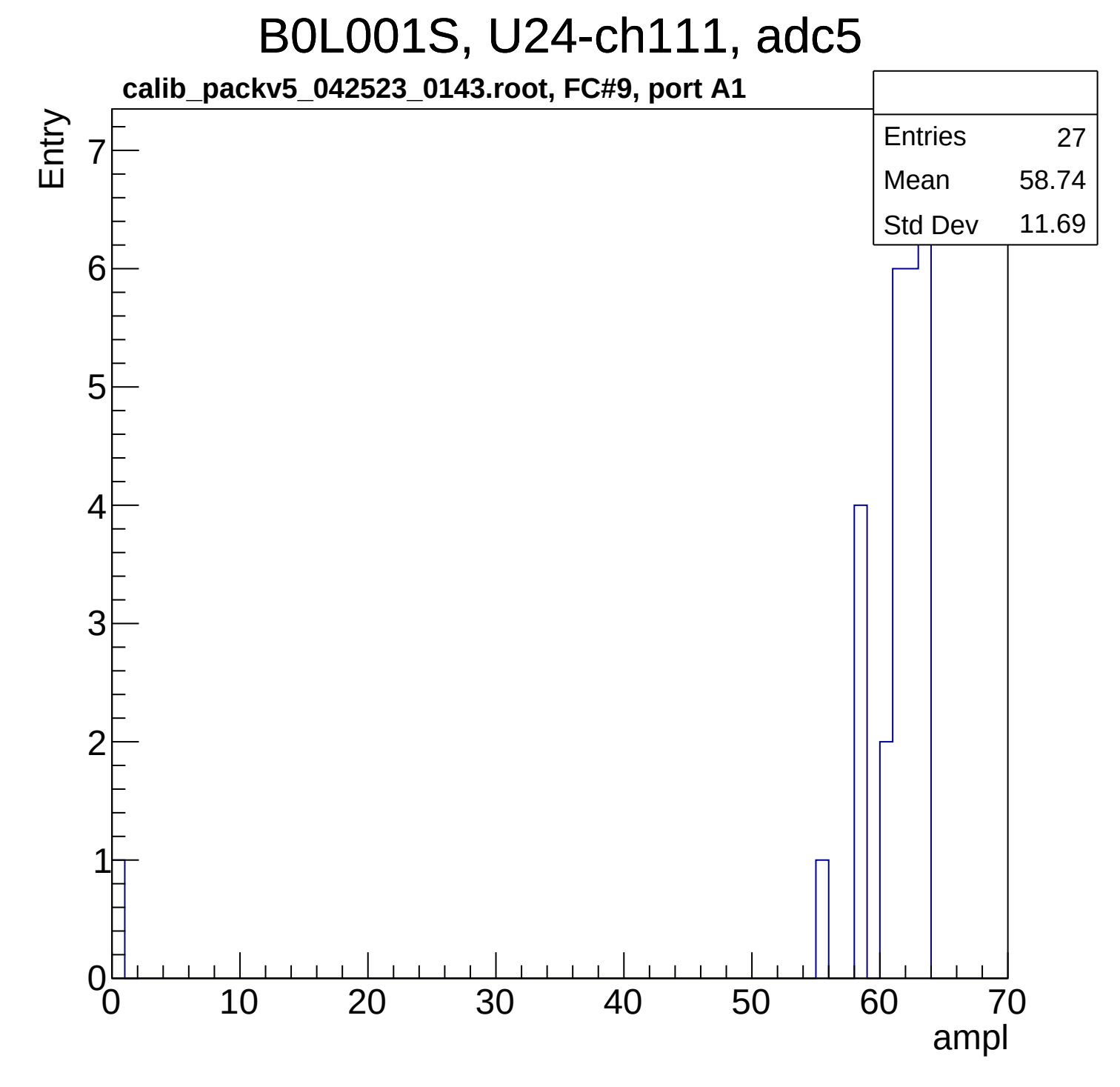
B0L001S, U24-ch111, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 27
Mean 58.74
Std Dev 11.69
Entry
ampl
0
1
2
3
4
5
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0
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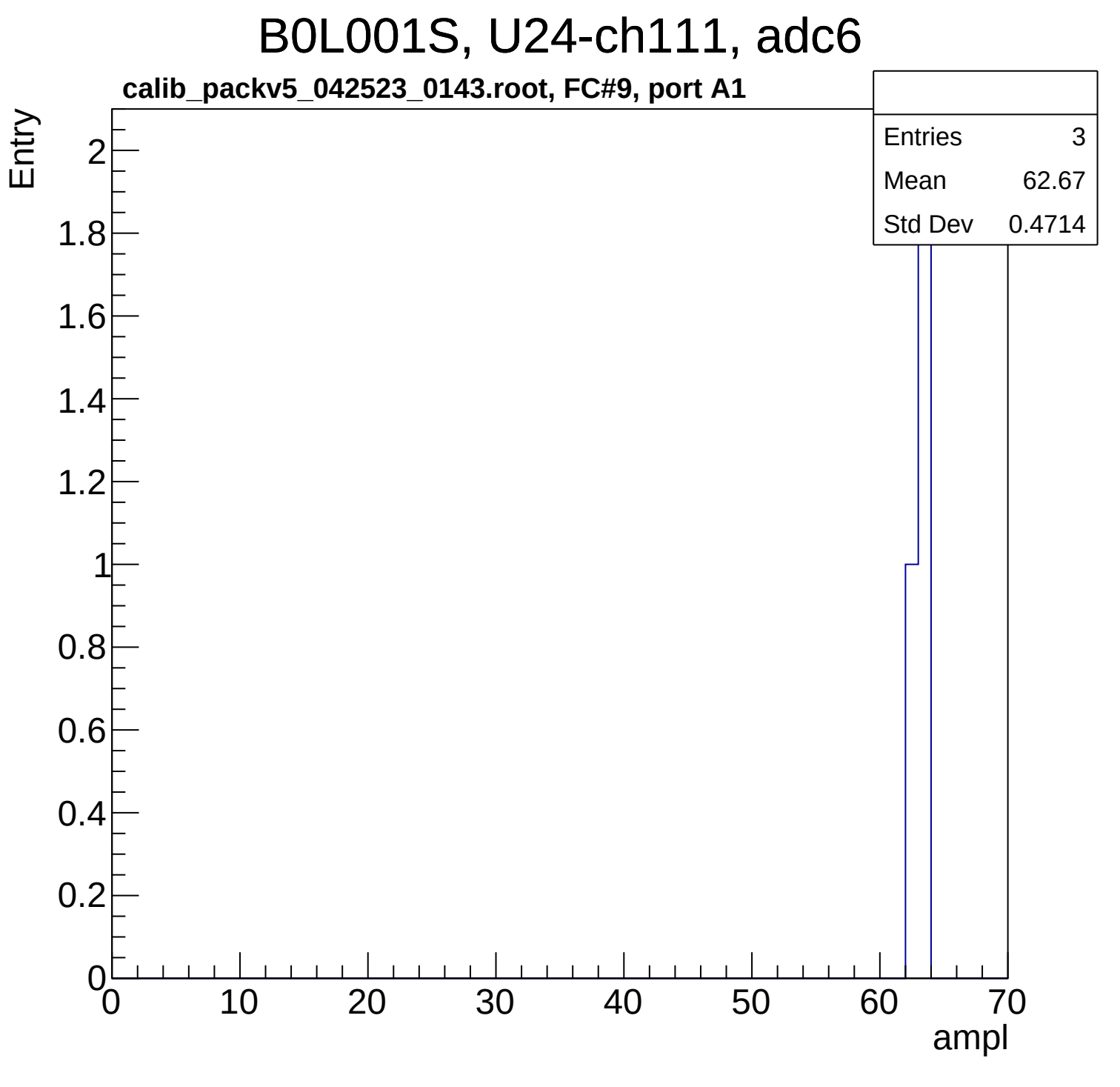
B0L001S, U24-ch111, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
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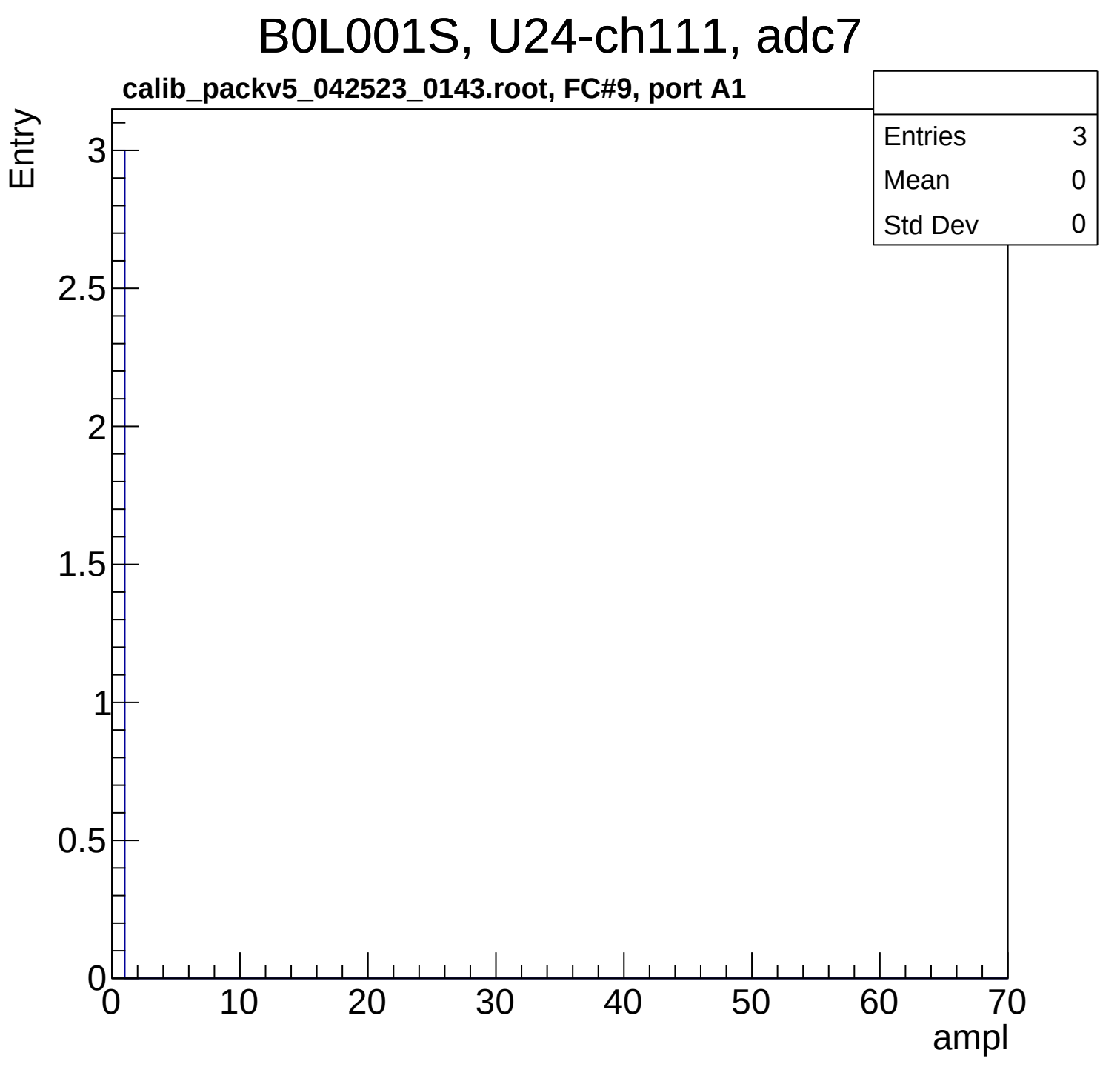
60
70


B0L001S, U24-ch111, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
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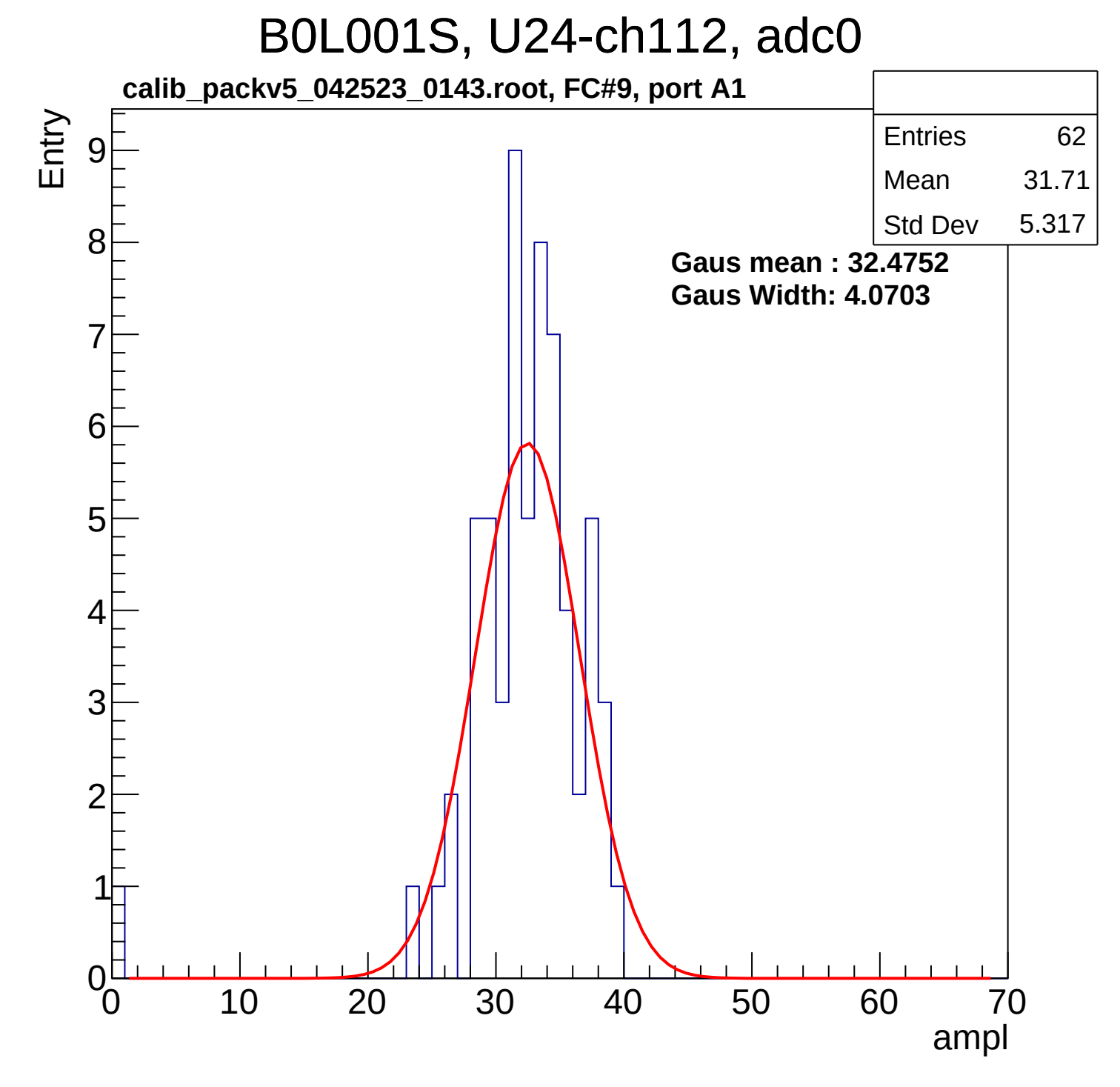
40
50
60
70
ampl


B0L001S, U24-ch112, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 31.71
Std Dev 5.317
Gaus mean : 32.4752
Gaus Width: 4.0703
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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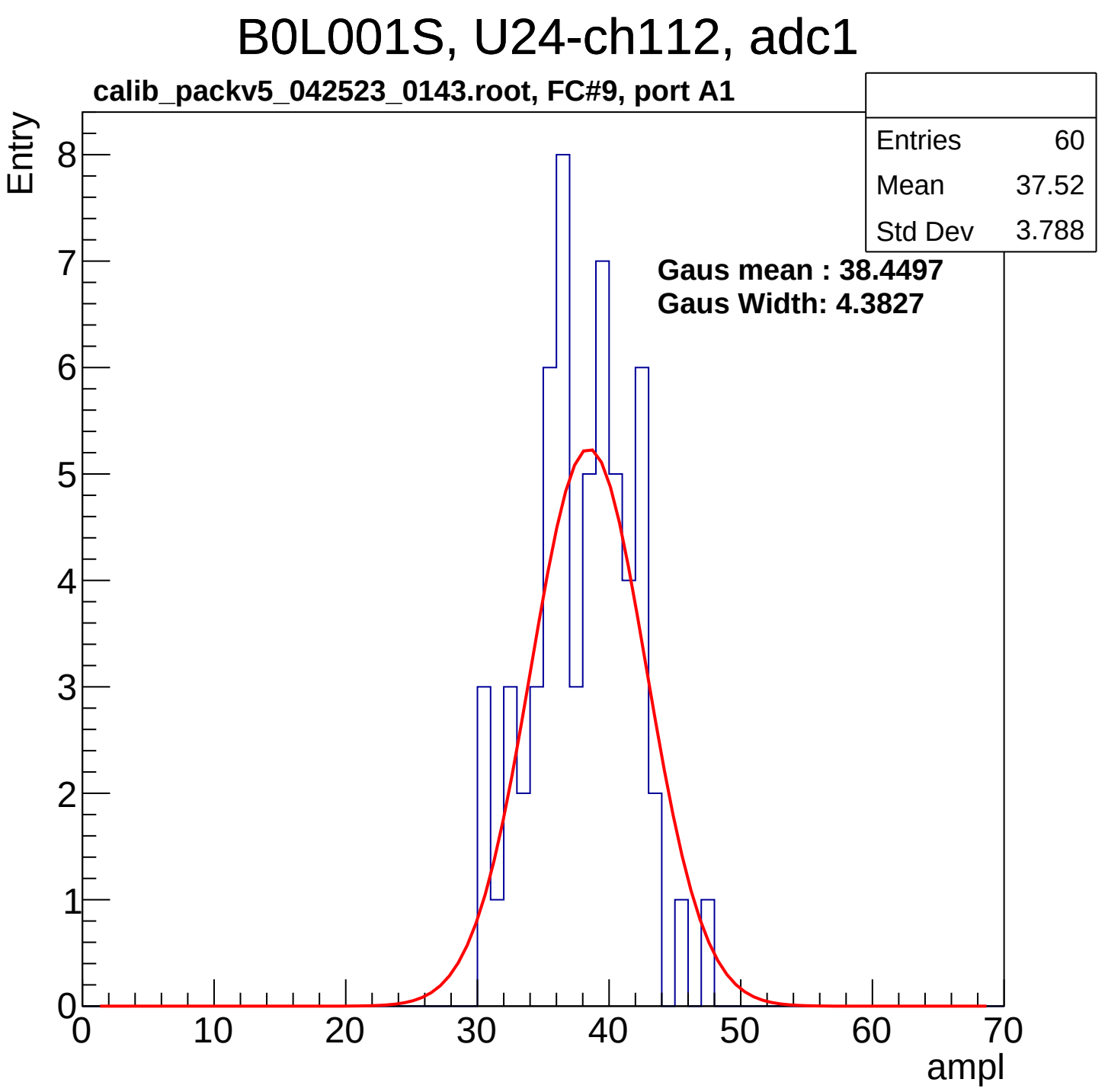
B0L001S, U24-ch112, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 37.52
Std Dev 3.788
Gaus mean : 38.4497
Gaus Width: 4.3827
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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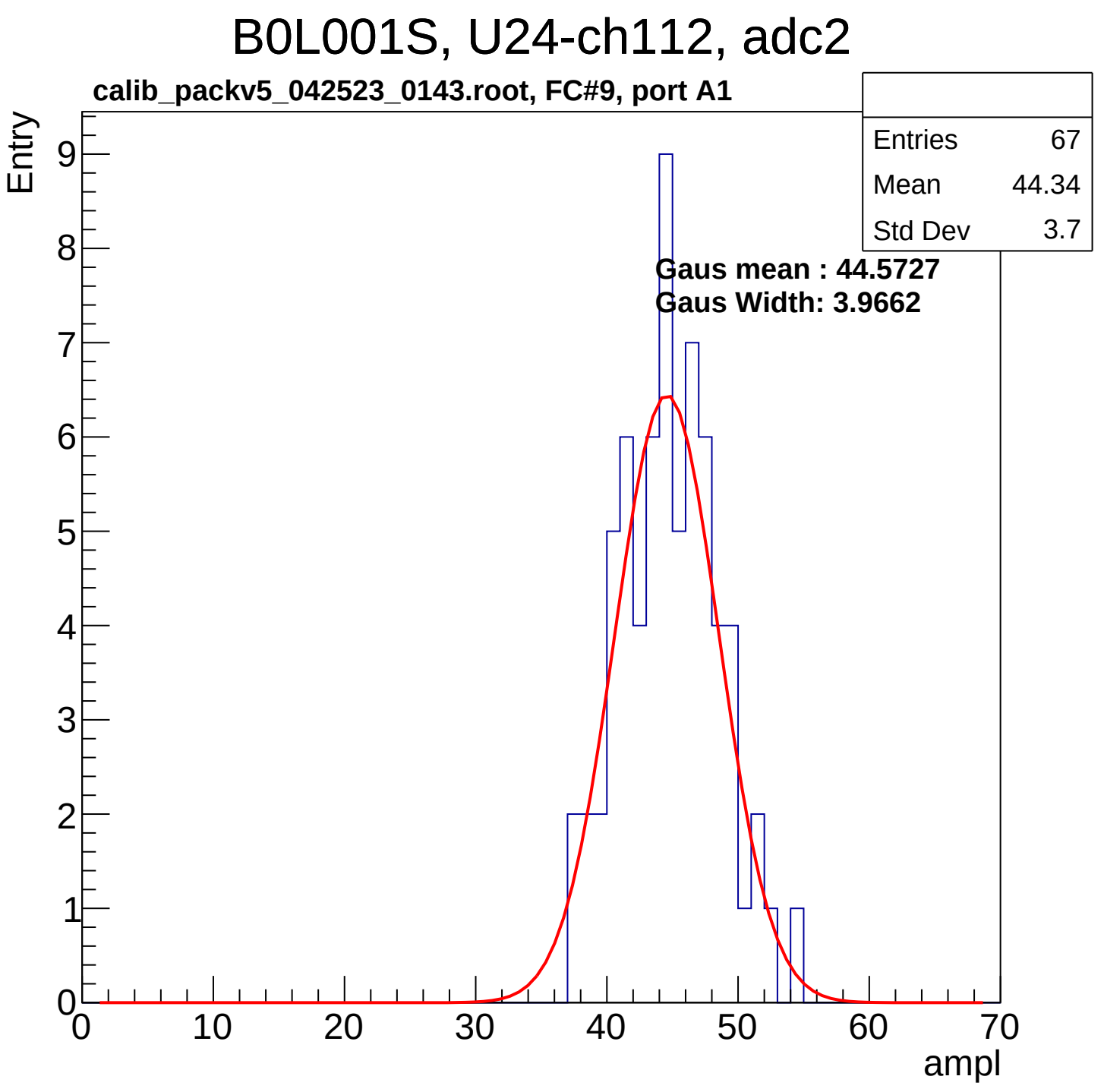
B0L001S, U24-ch112, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 44.34
Std Dev 3.7
Gaus mean : 44.5727
Gaus Width: 3.9662
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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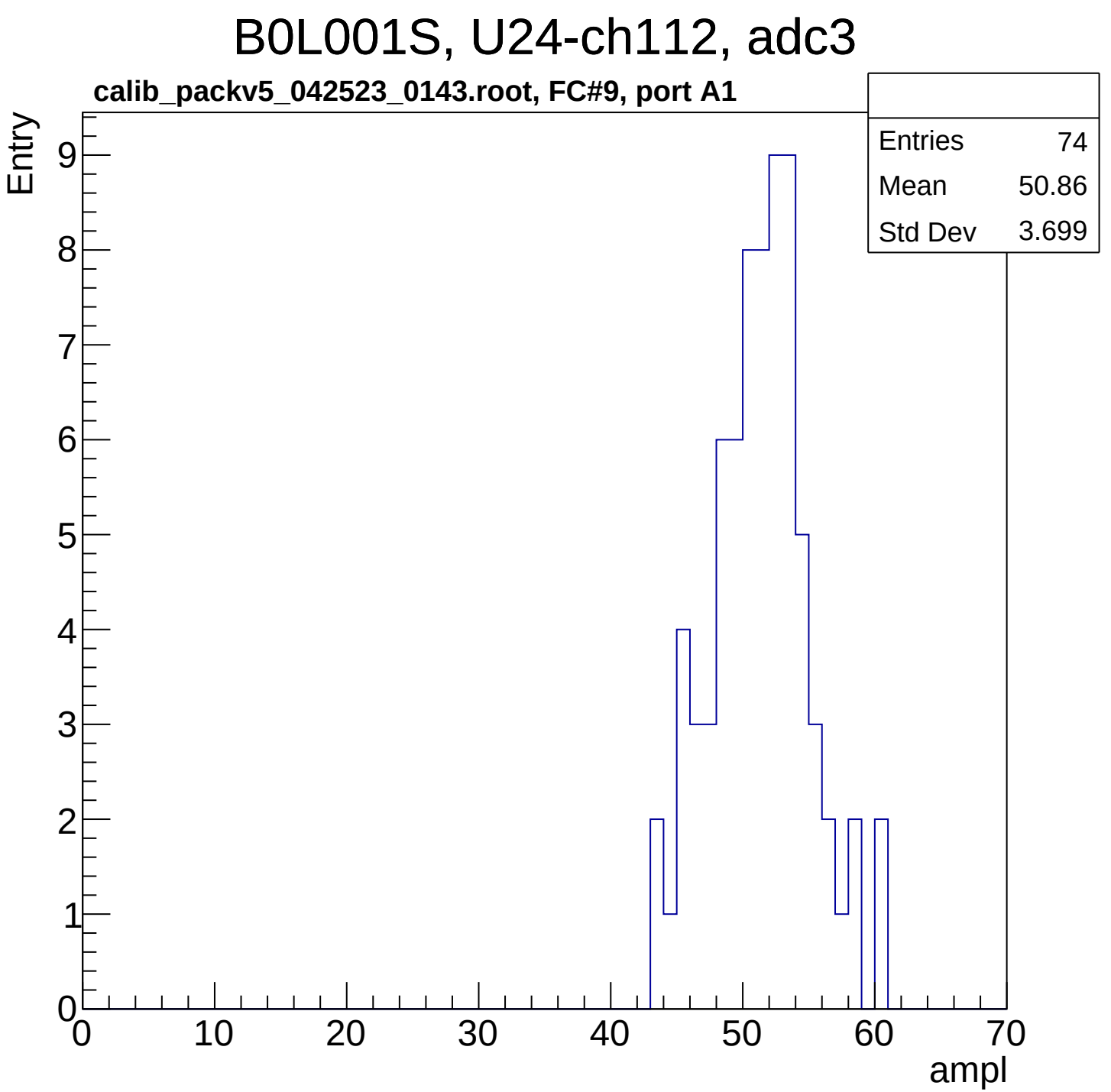
B0L001S, U24-ch112, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 50.86
Std Dev 3.699
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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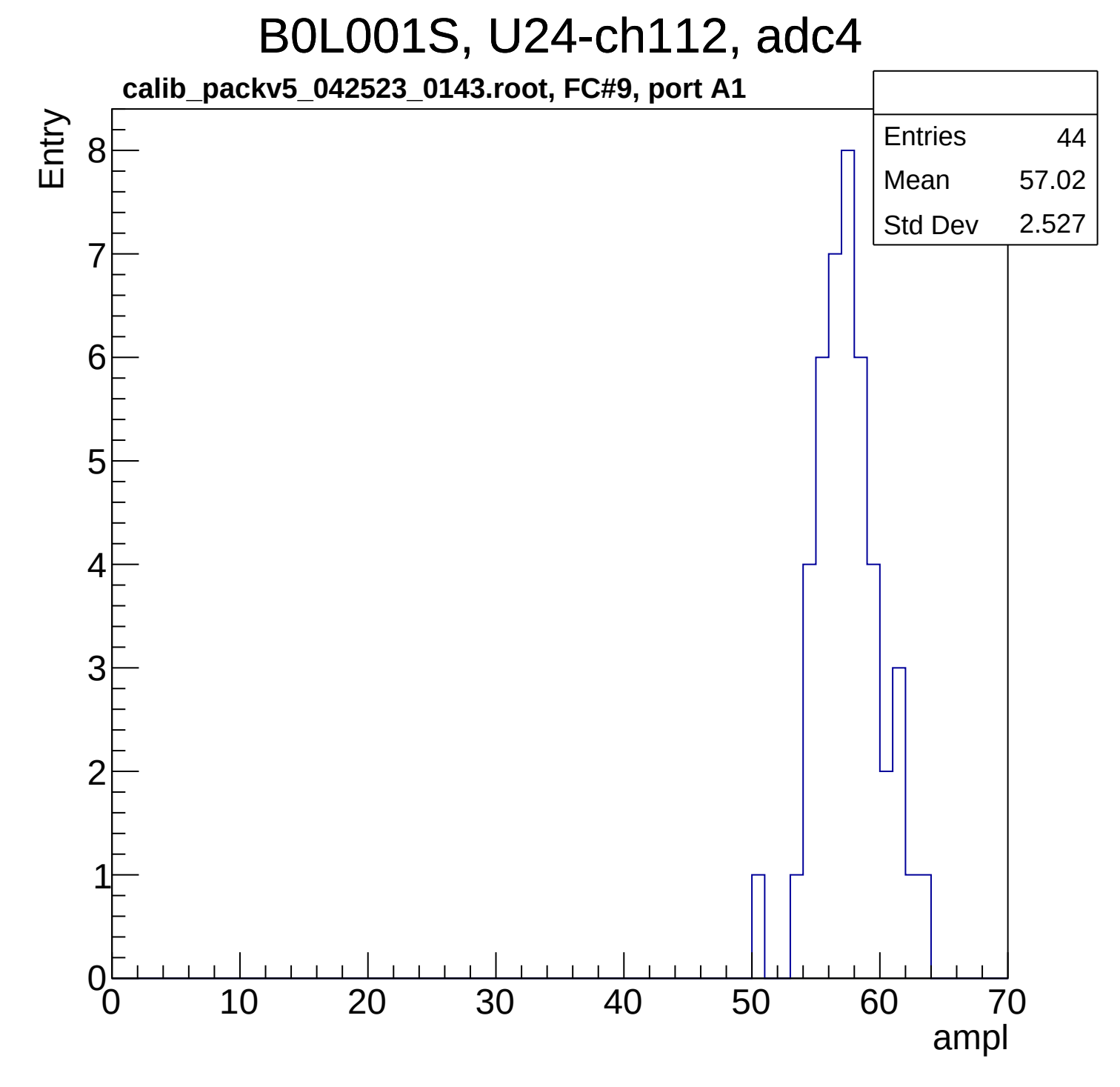
B0L001S, U24-ch112, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 57.02
Std Dev 2.527
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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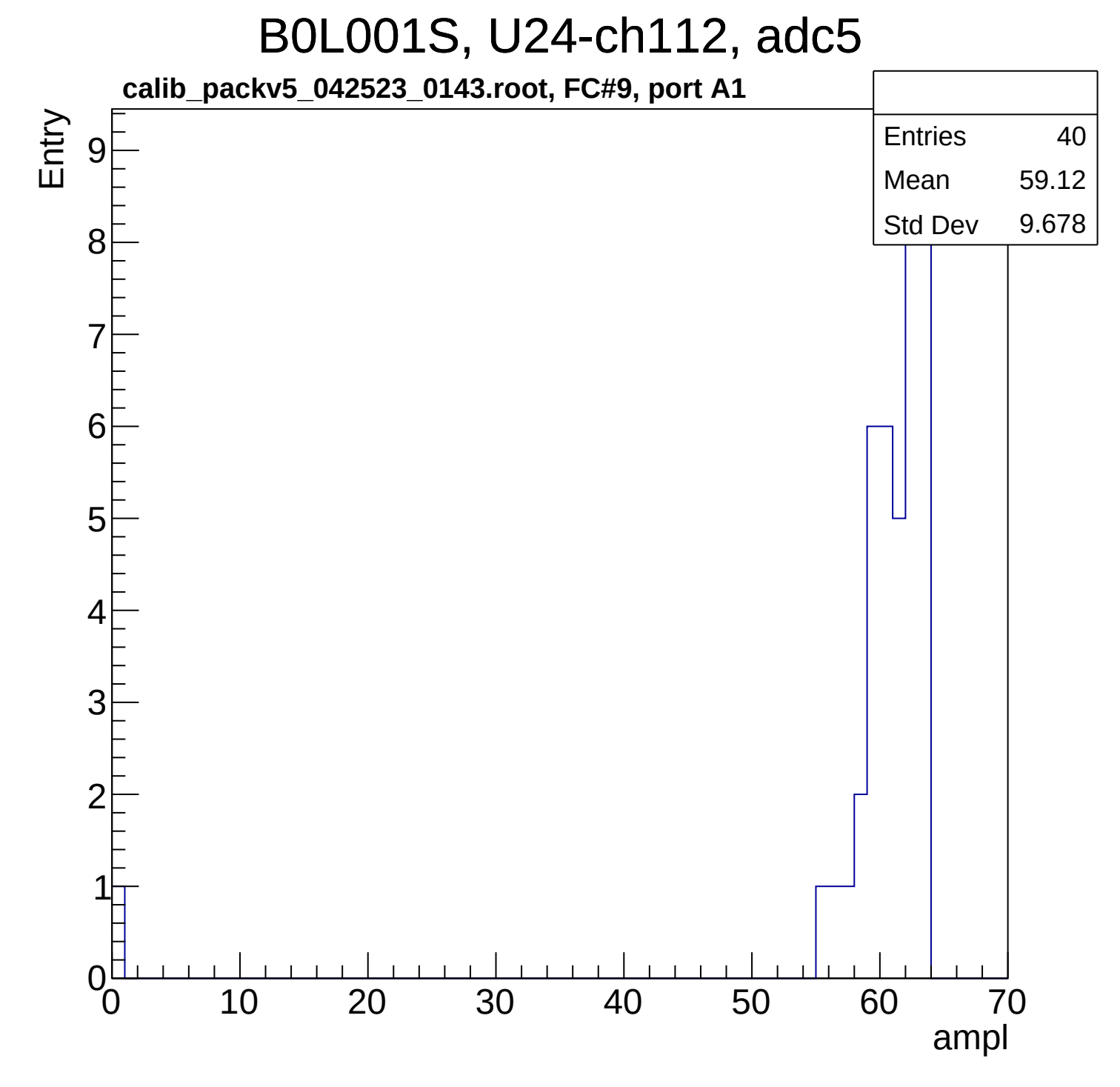
B0L001S, U24-ch112, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 59.12
Std Dev 9.678
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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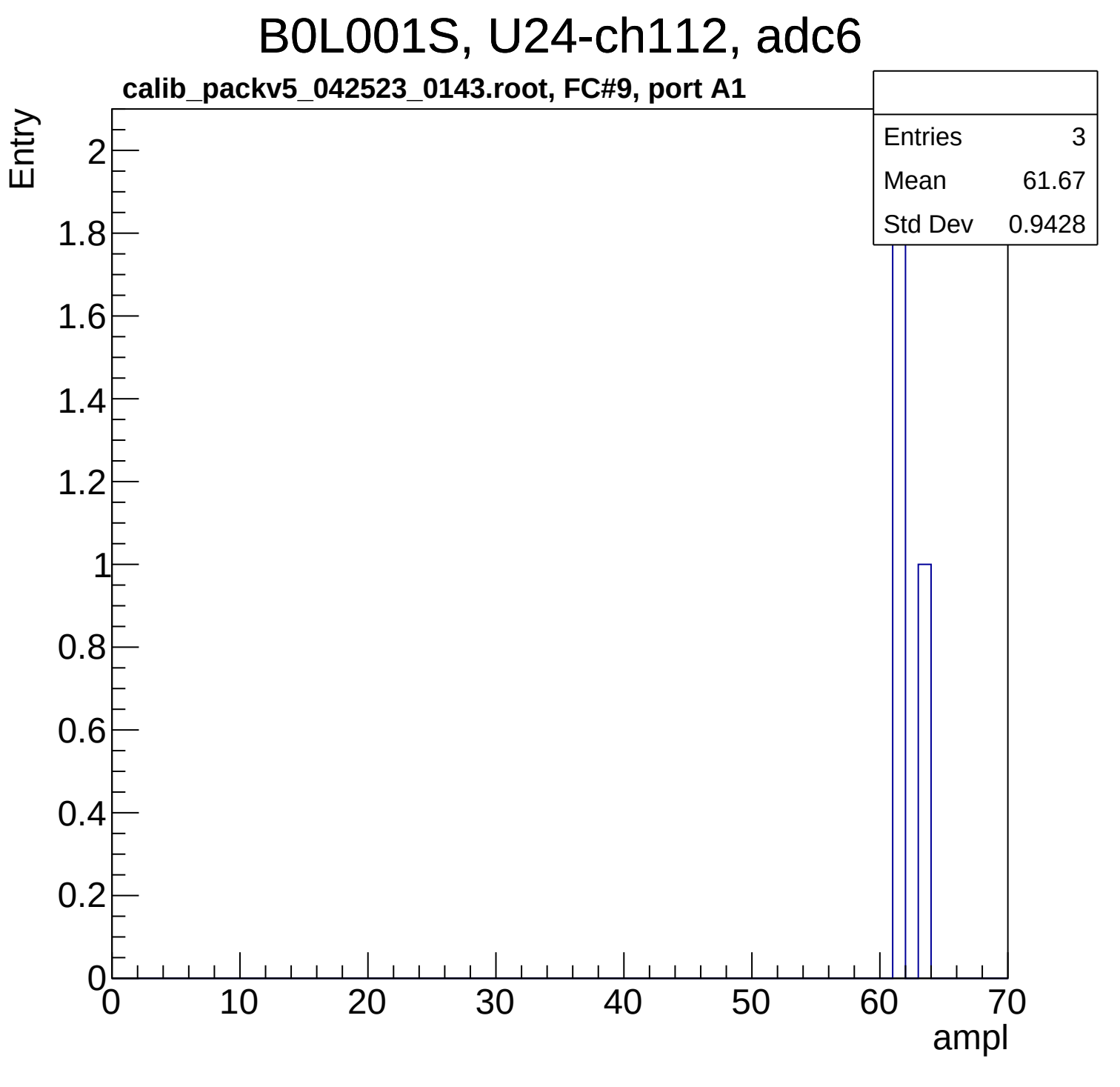
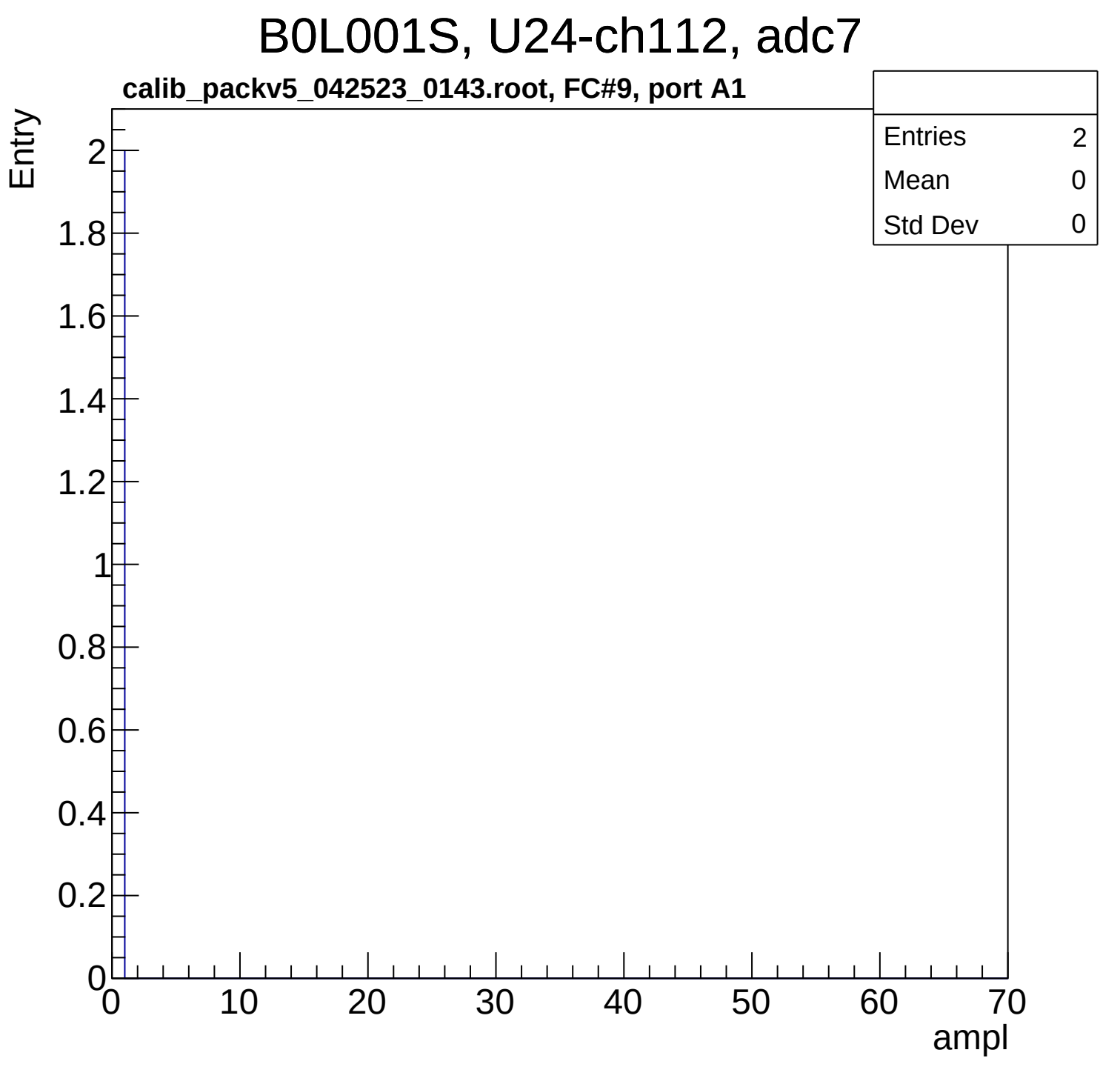
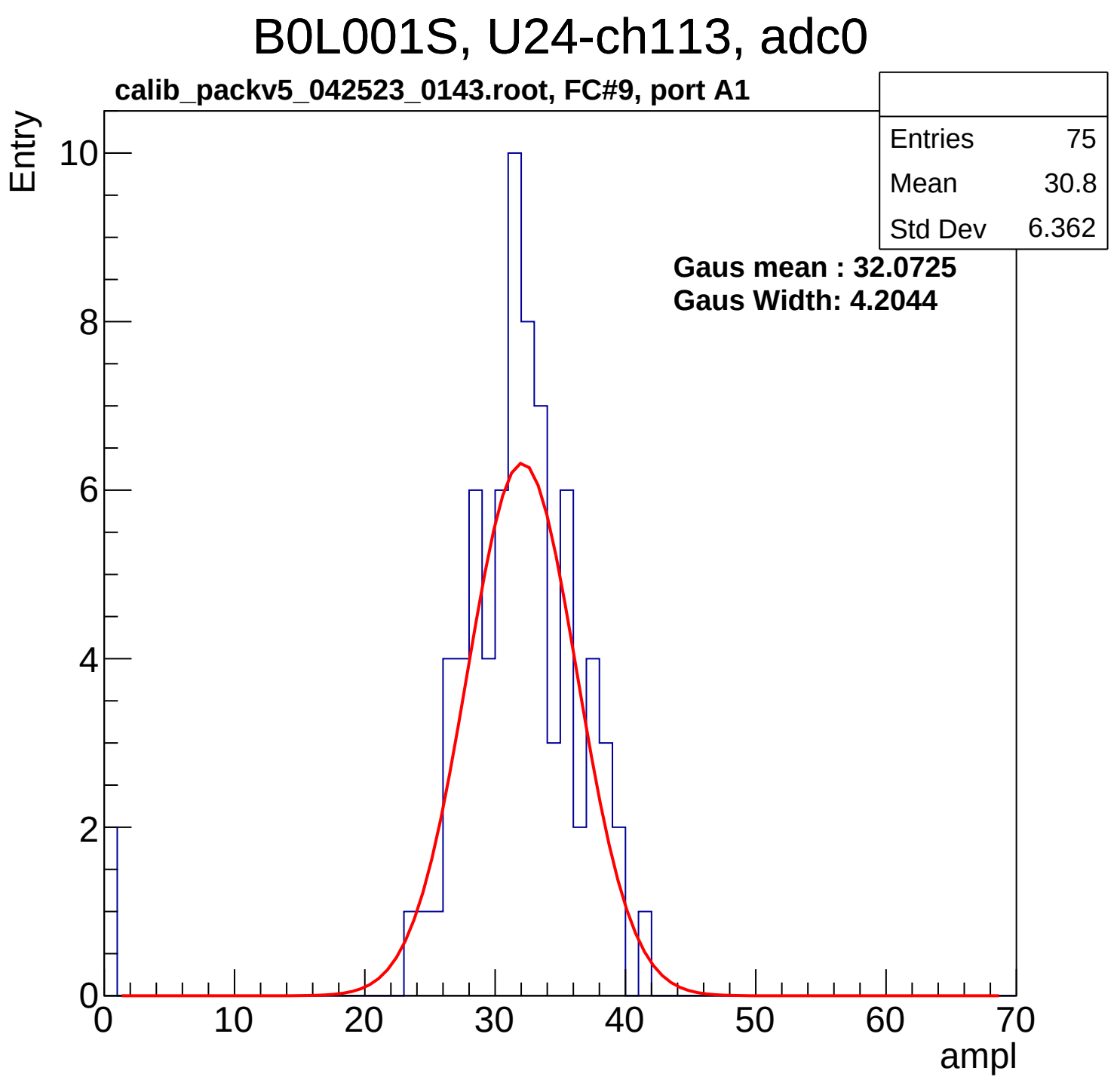
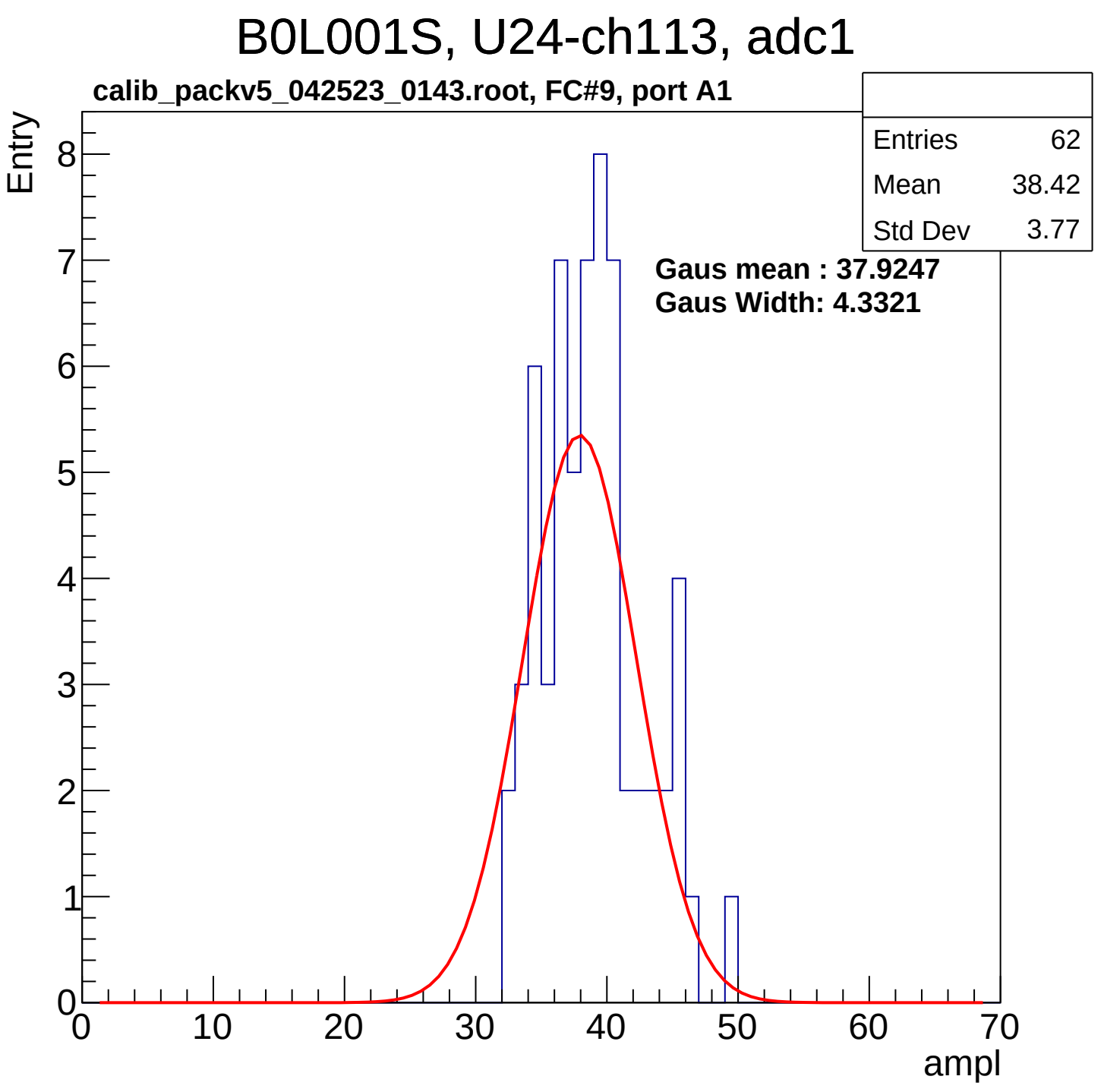

B0L001S, U24-ch112, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 61.67
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch112, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch113, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 30.8
Std Dev 6.362
Gaus mean : 32.0725
Gaus Width: 4.2044
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch113, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 62
Mean 38.42
Std Dev 3.77
Gaus mean : 37.9247
Gaus Width: 4.3321
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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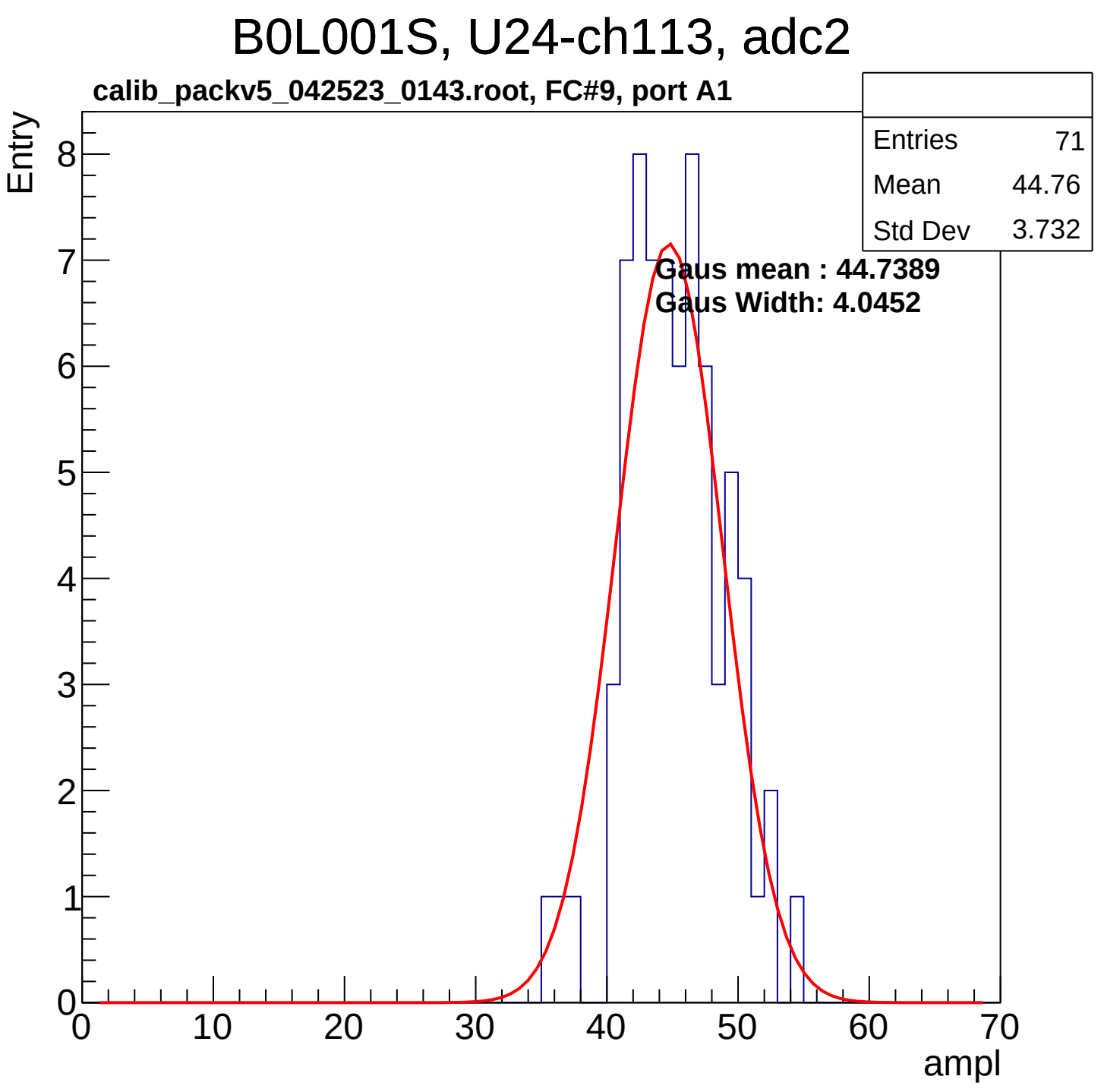
B0L001S, U24-ch113, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 44.76
Std Dev 3.732
Gaus mean : 44.7389
Gaus Width: 4.0452
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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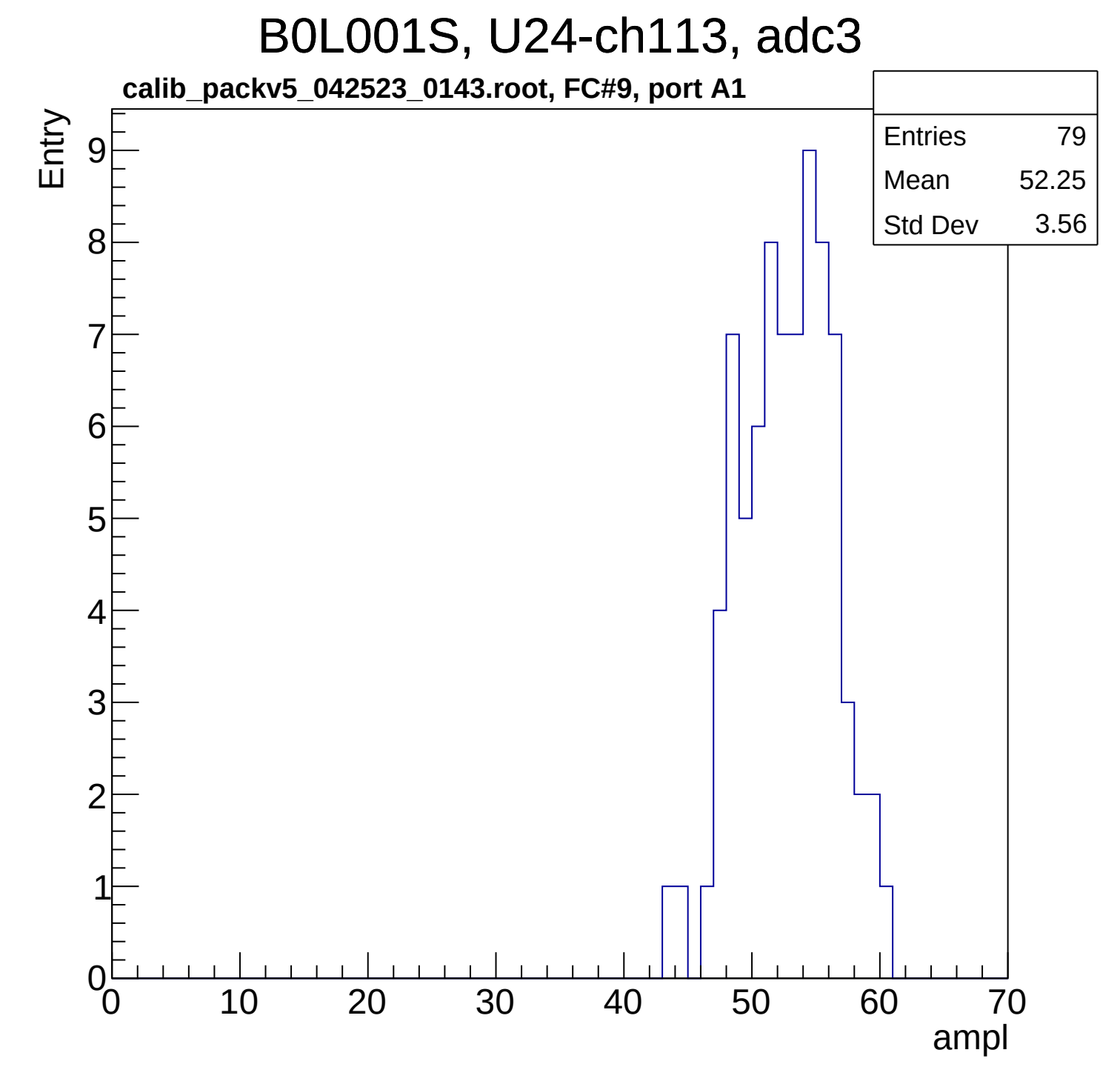
B0L001S, U24-ch113, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 52.25
Std Dev 3.56
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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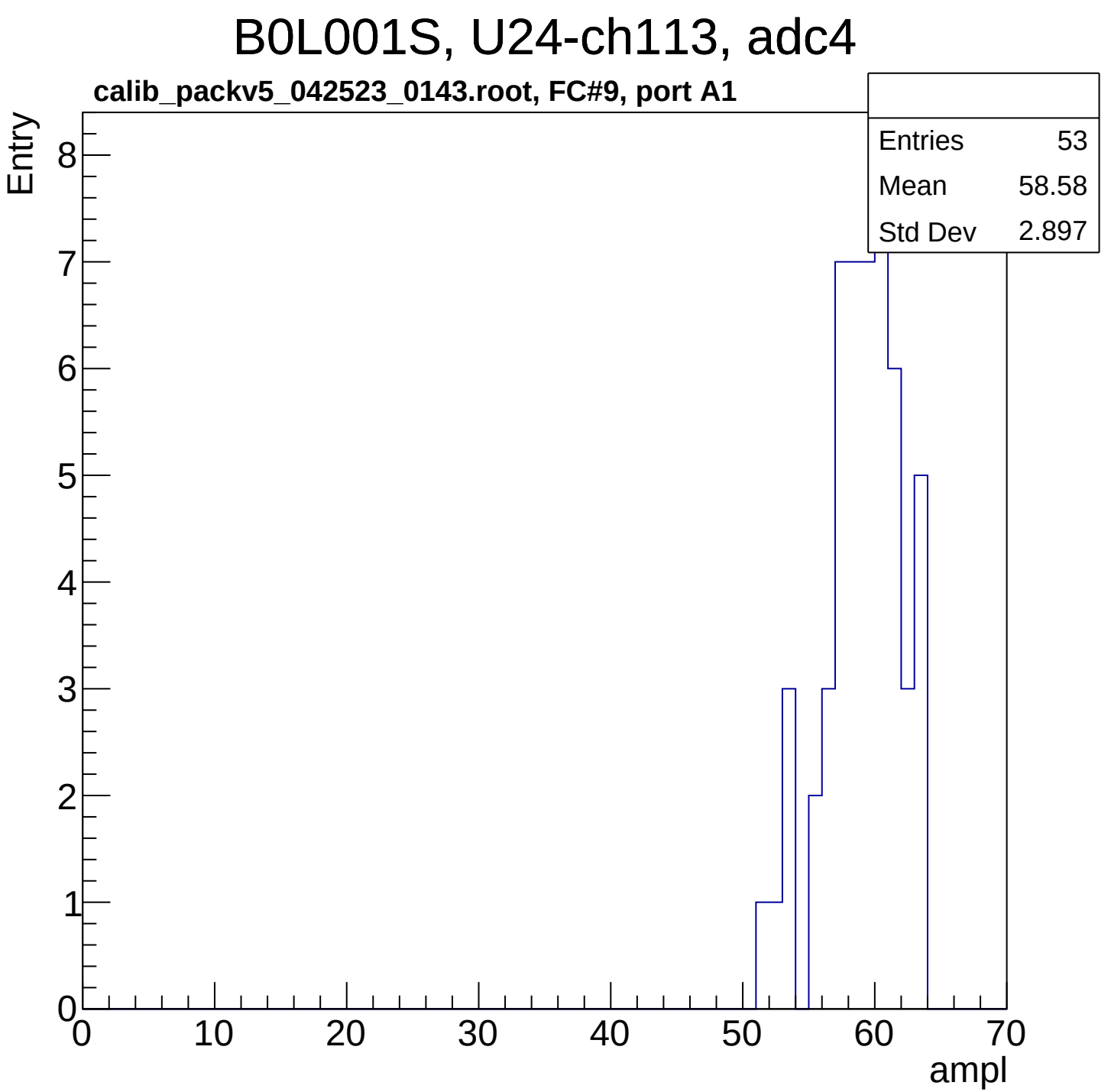
B0L001S, U24-ch113, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 58.58
Std Dev 2.897
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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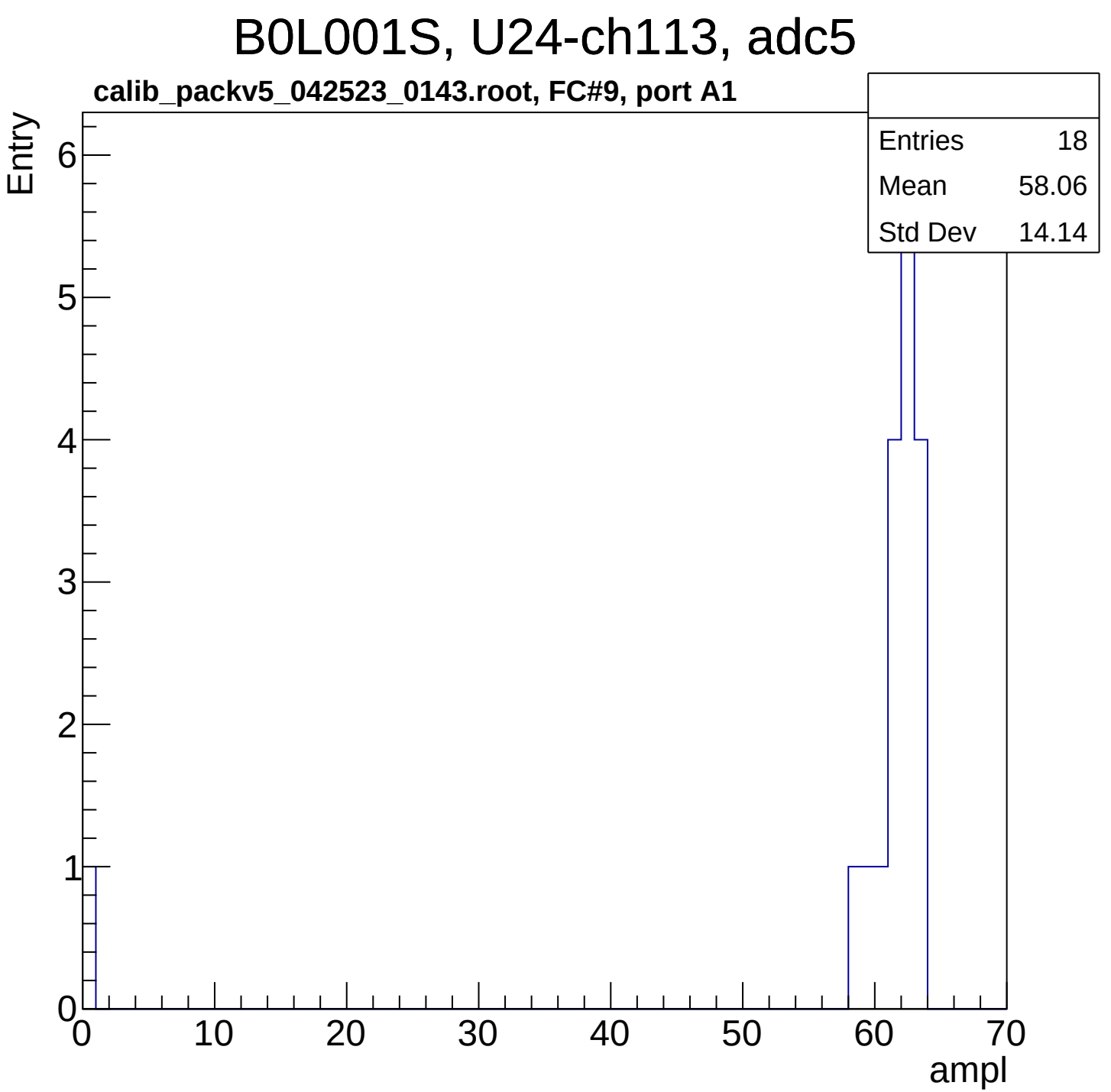
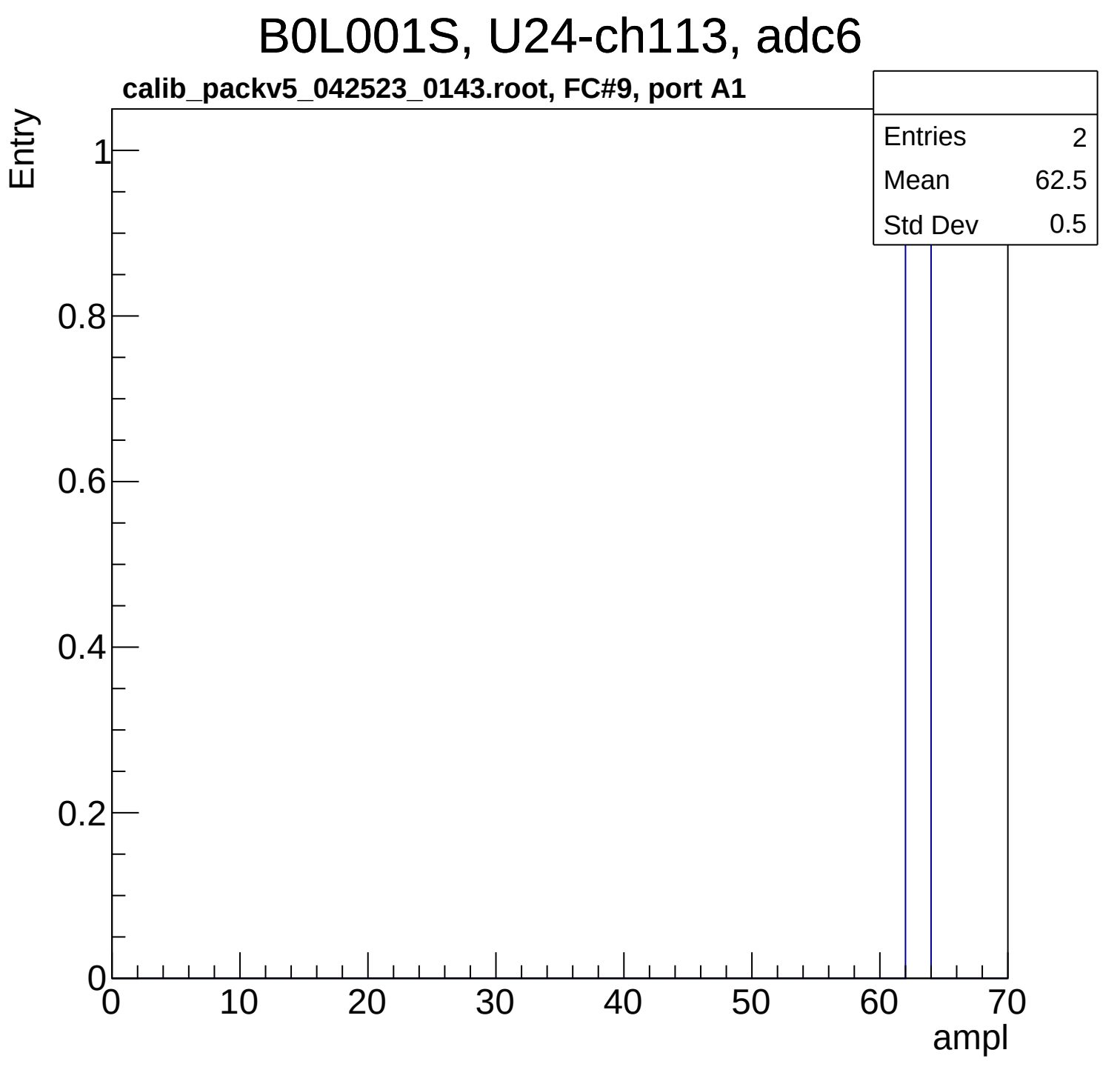
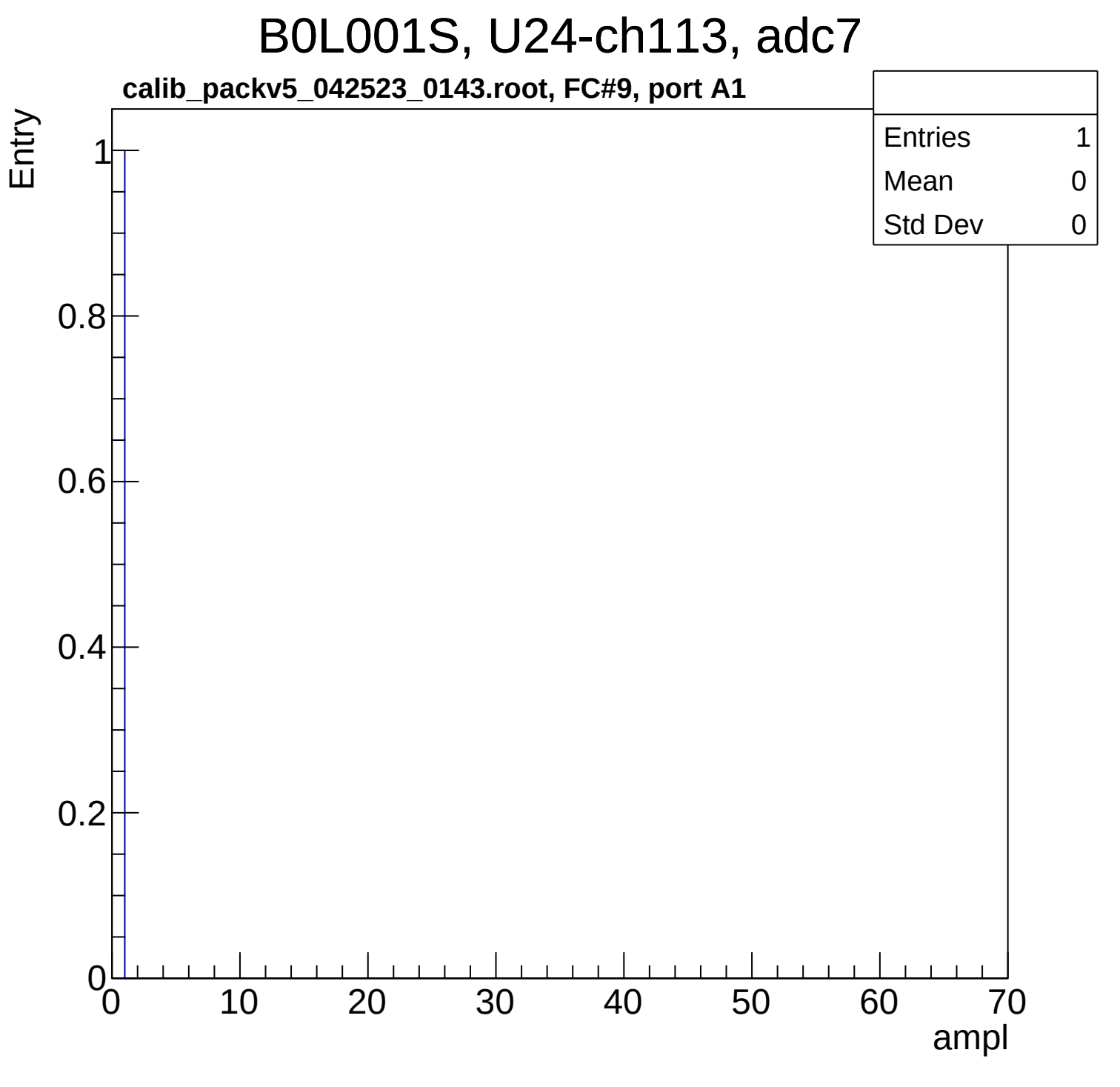
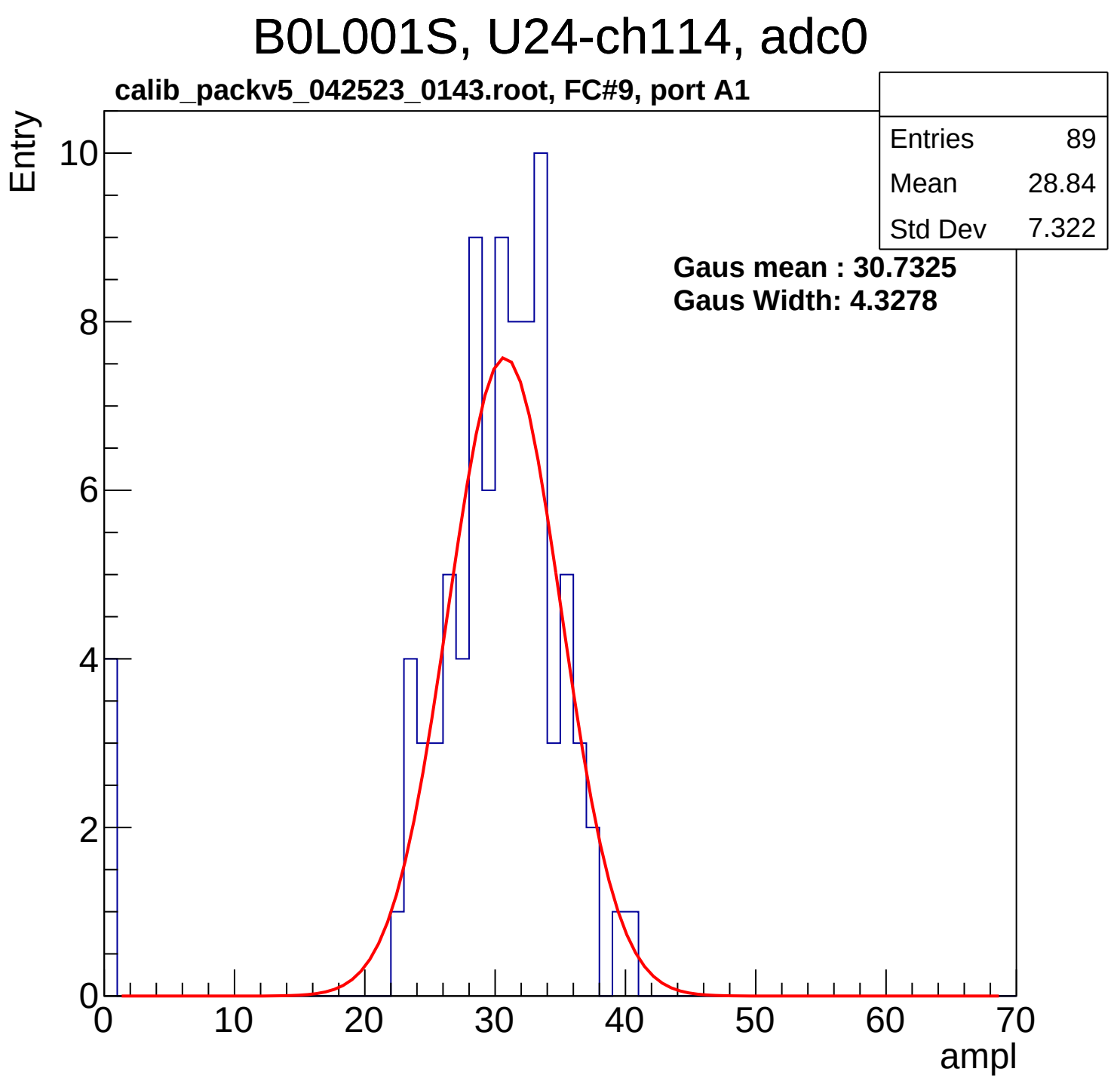
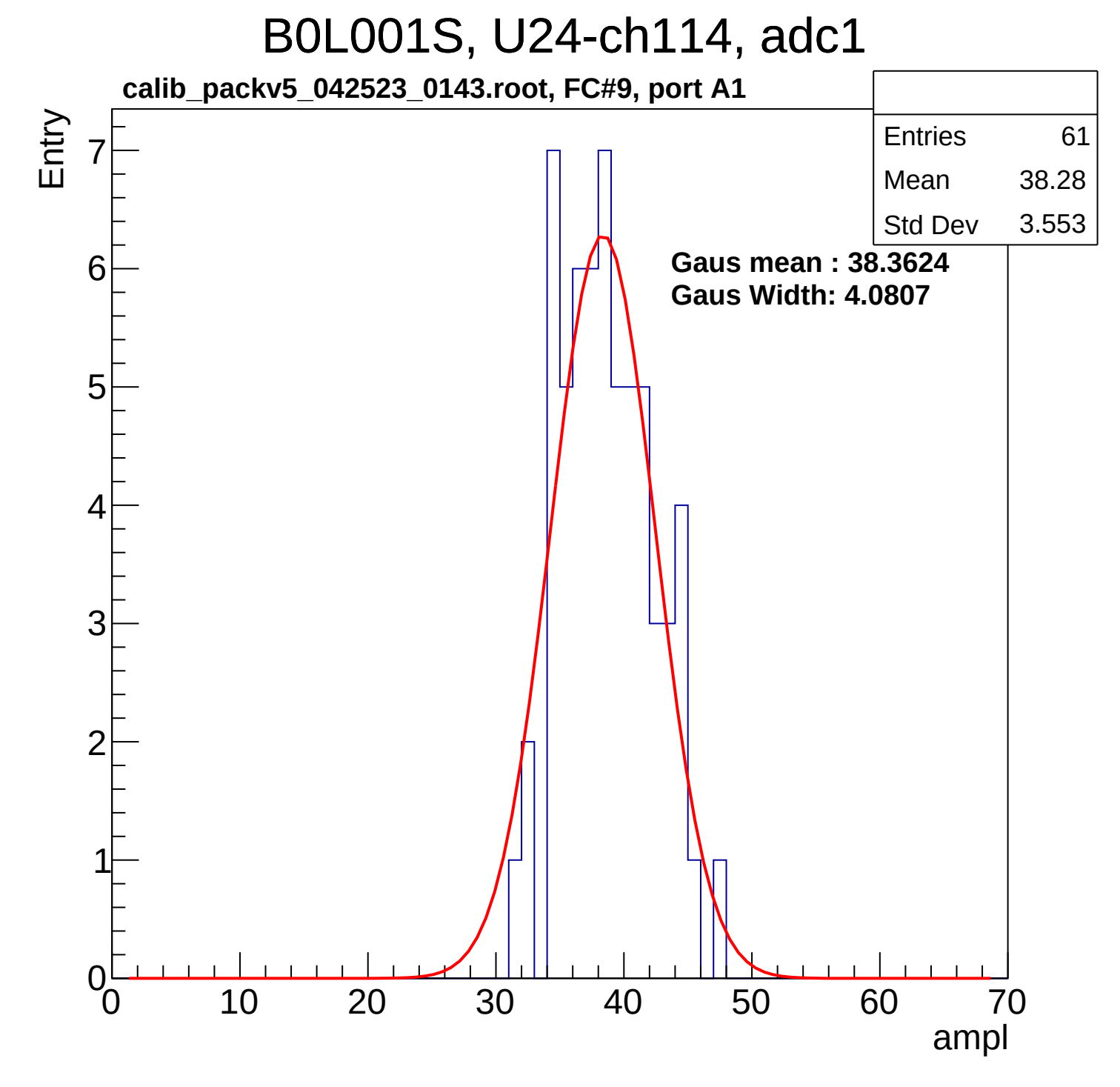
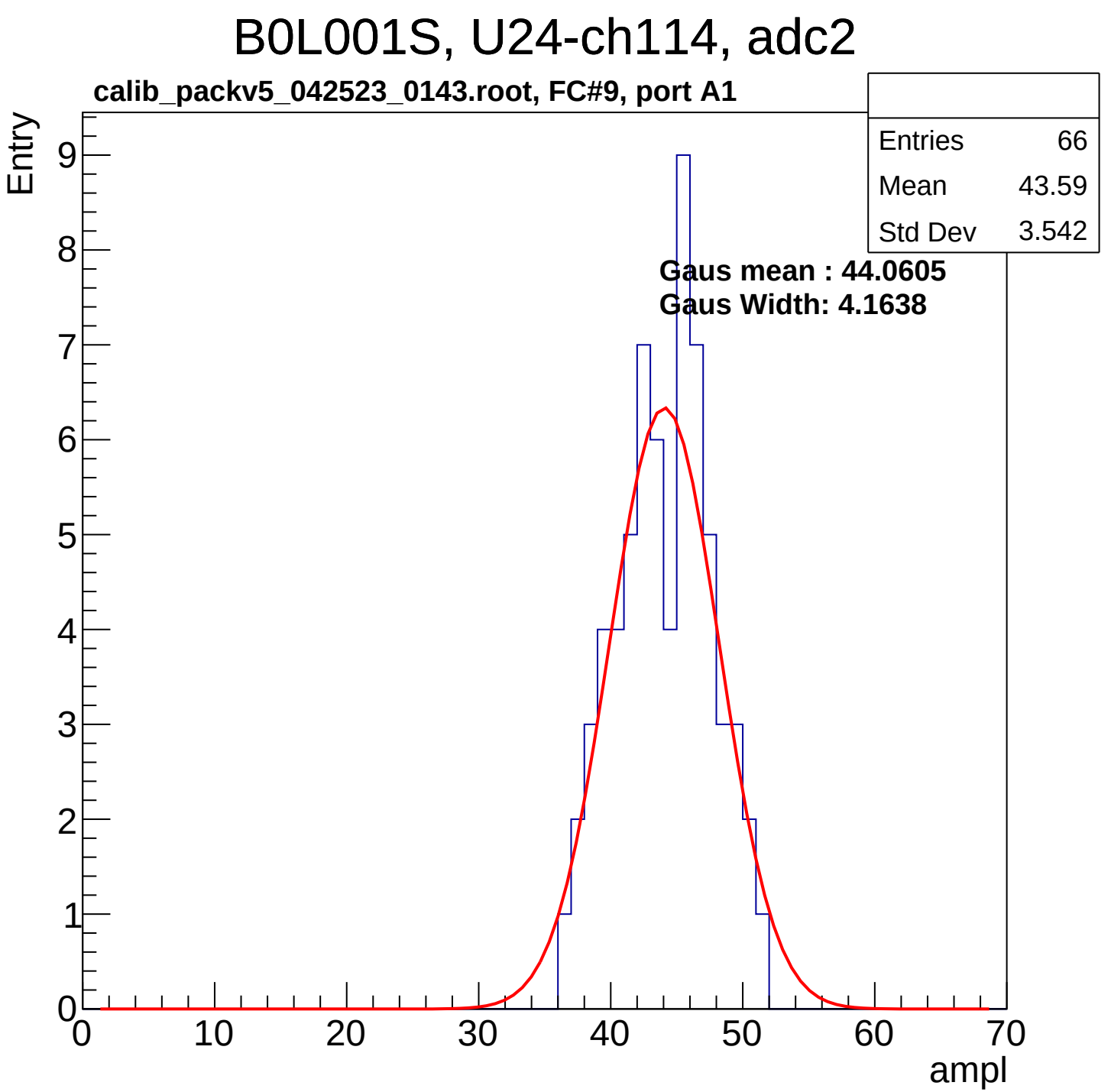

B0L001S, U24-ch113, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 18
Mean 58.06
Std Dev 14.14
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch113, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch113, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch114, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 89
Mean 28.84
Std Dev 7.322
Gaus mean : 30.7325
Gaus Width: 4.3278
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch114, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 38.28
Std Dev 3.553
Gaus mean : 38.3624
Gaus Width: 4.0807
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch114, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 43.59
Std Dev 3.542
Gaus mean : 44.0605
Gaus Width: 4.1638
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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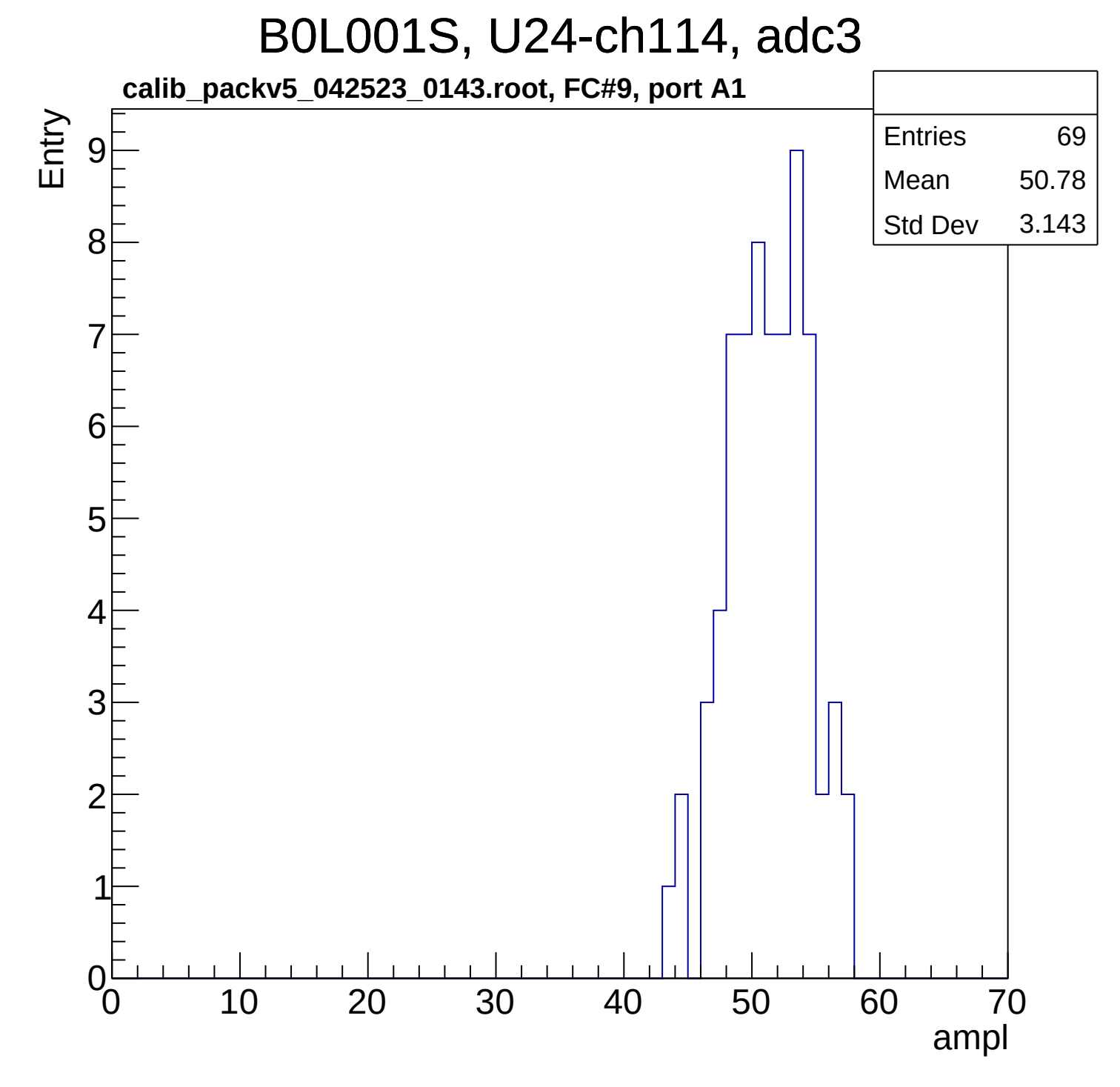
60
70


B0L001S, U24-ch114, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 69
Mean 50.78
Std Dev 3.143
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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40
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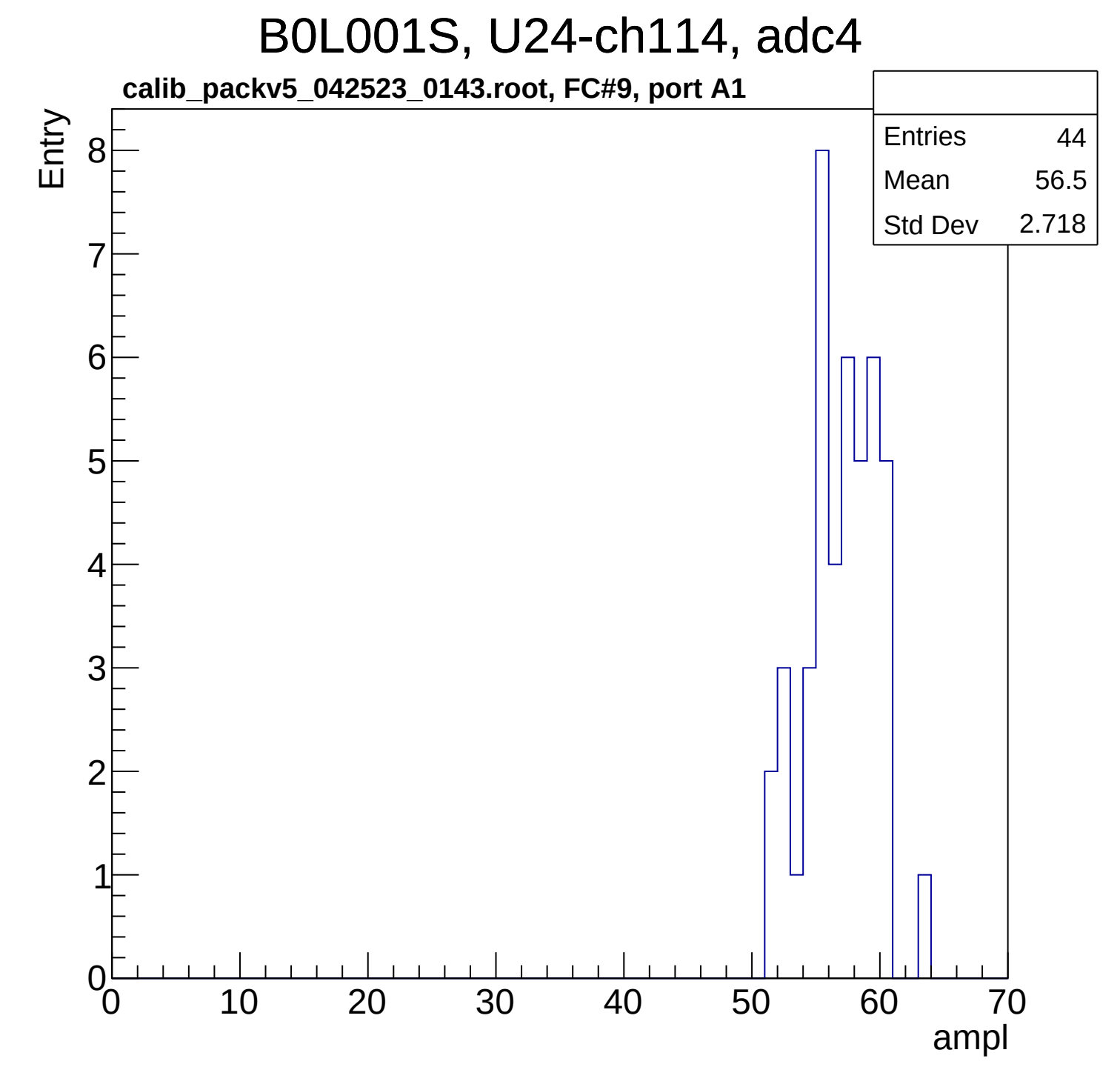
60
70


B0L001S, U24-ch114, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 44
Mean 56.5
Std Dev 2.718
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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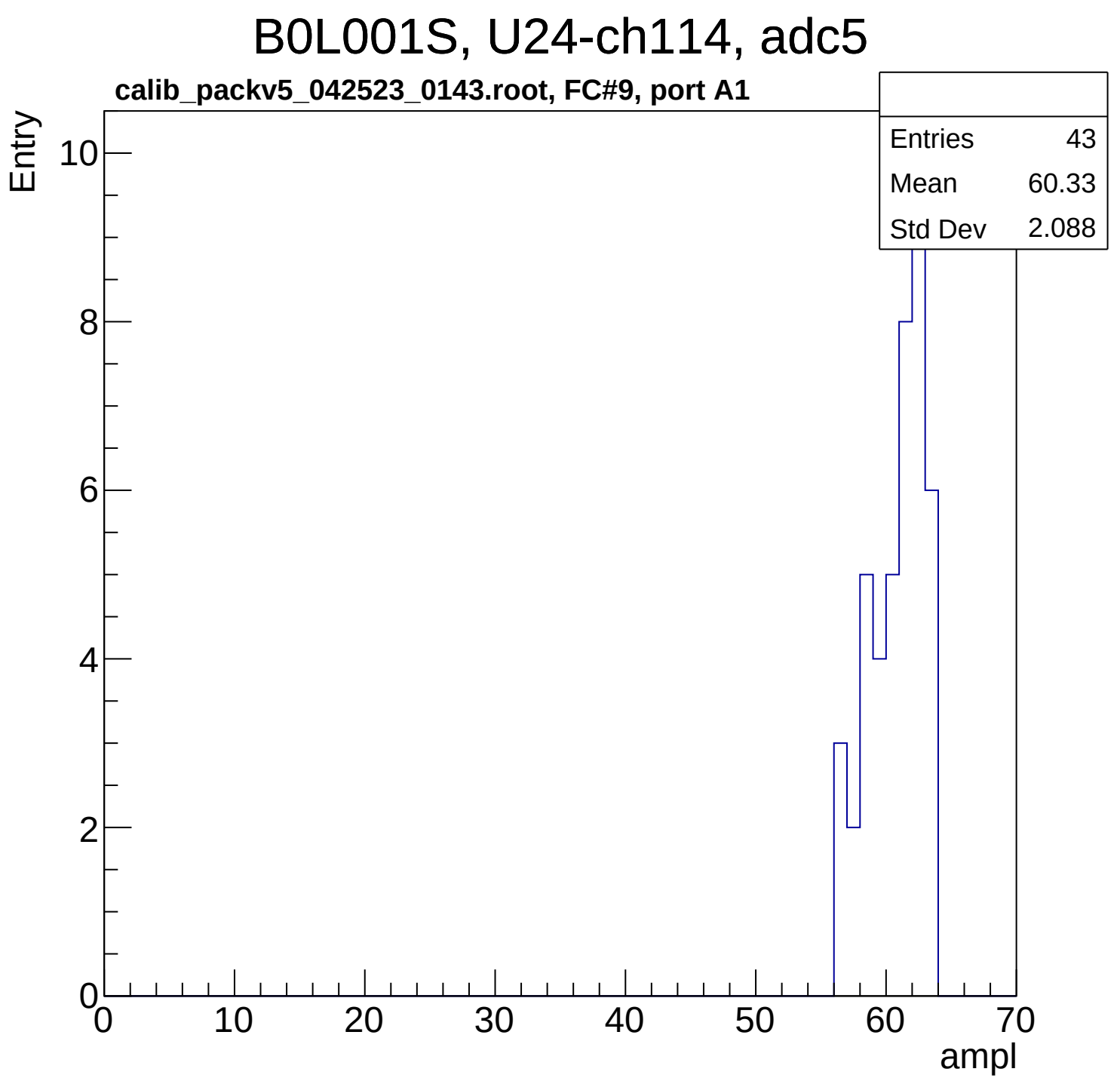
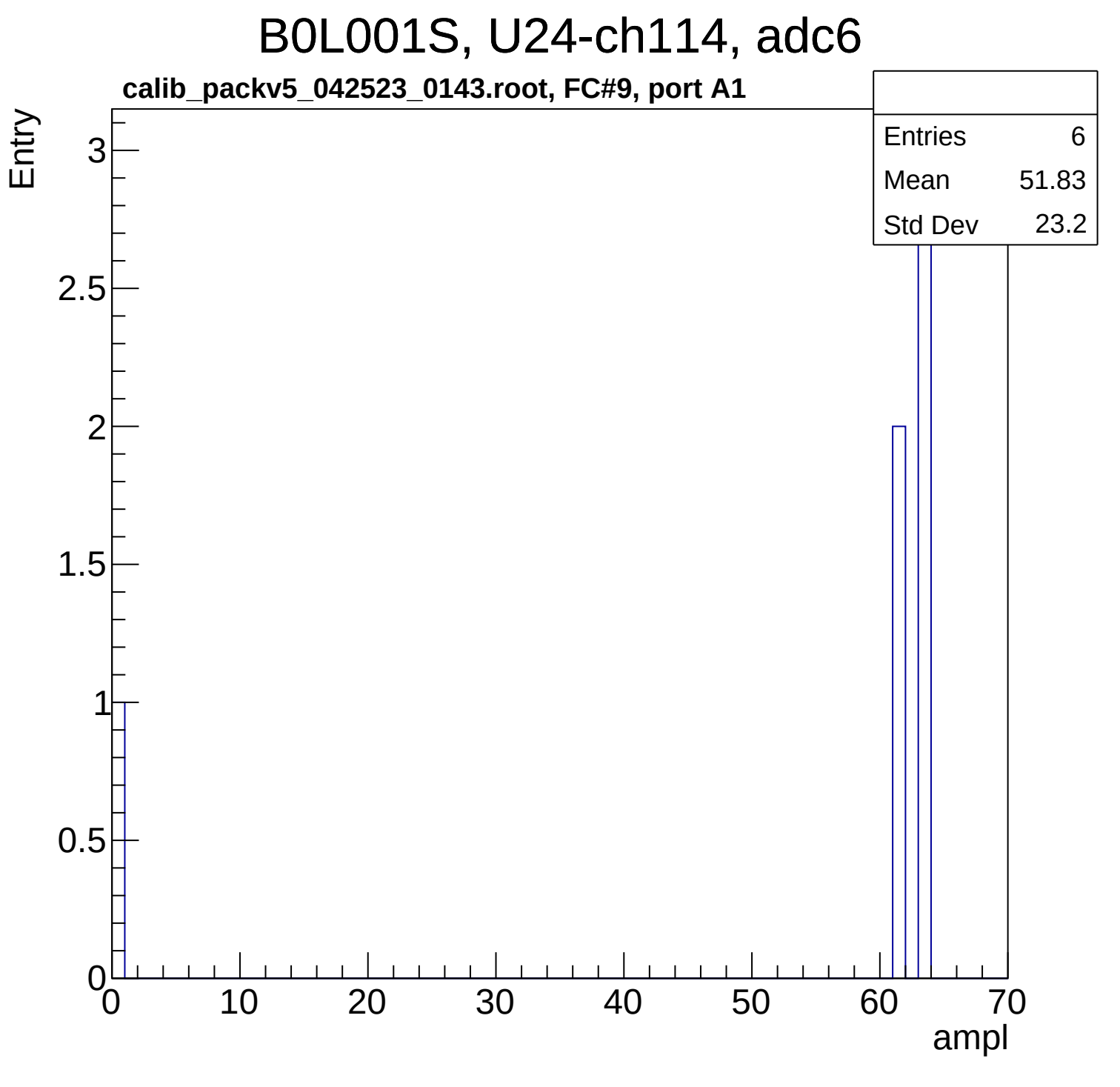

B0L001S, U24-ch114, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 43
Mean 60.33
Std Dev 2.088
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch114, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 6
Mean 51.83
Std Dev 23.2
Entry
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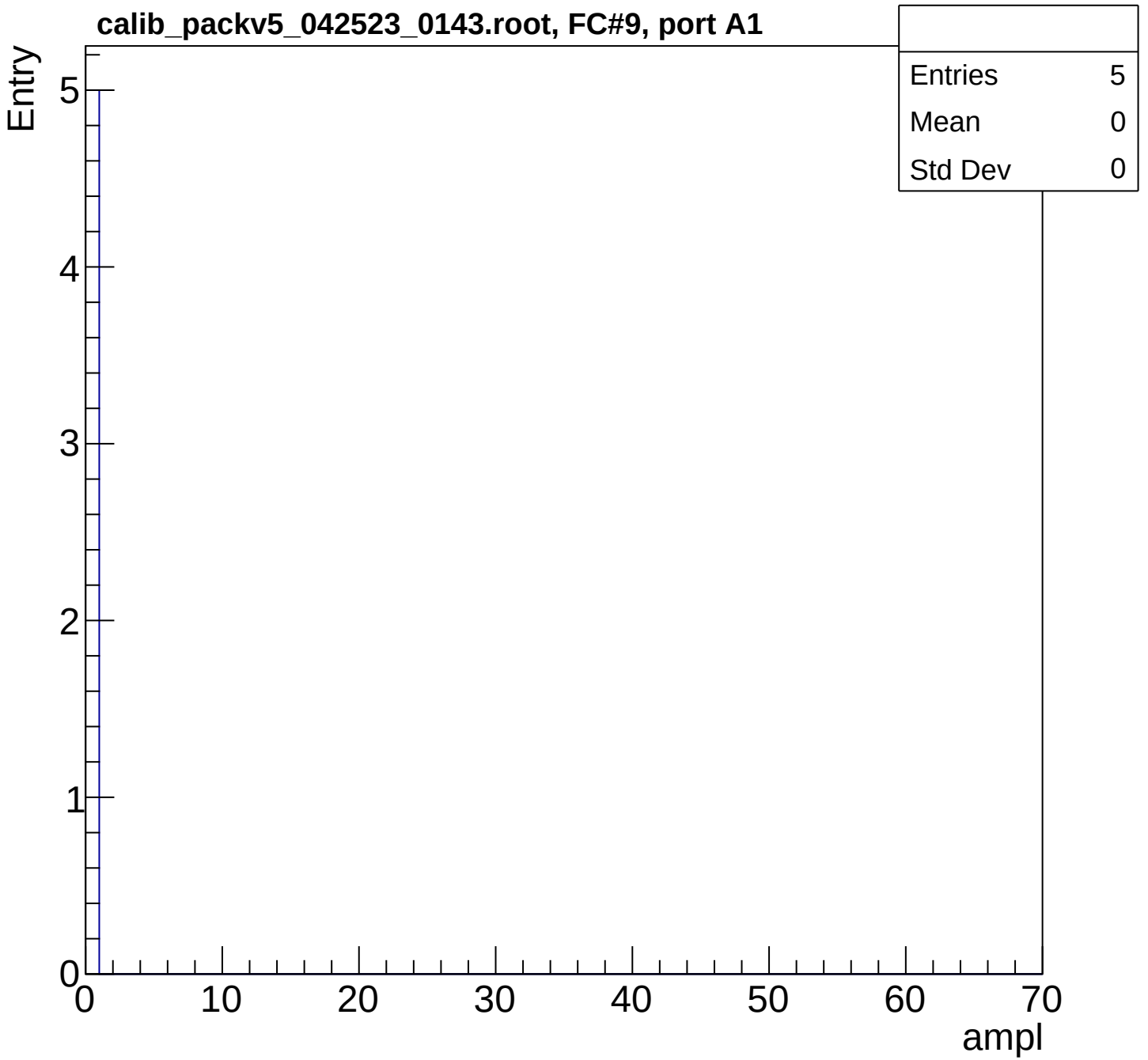
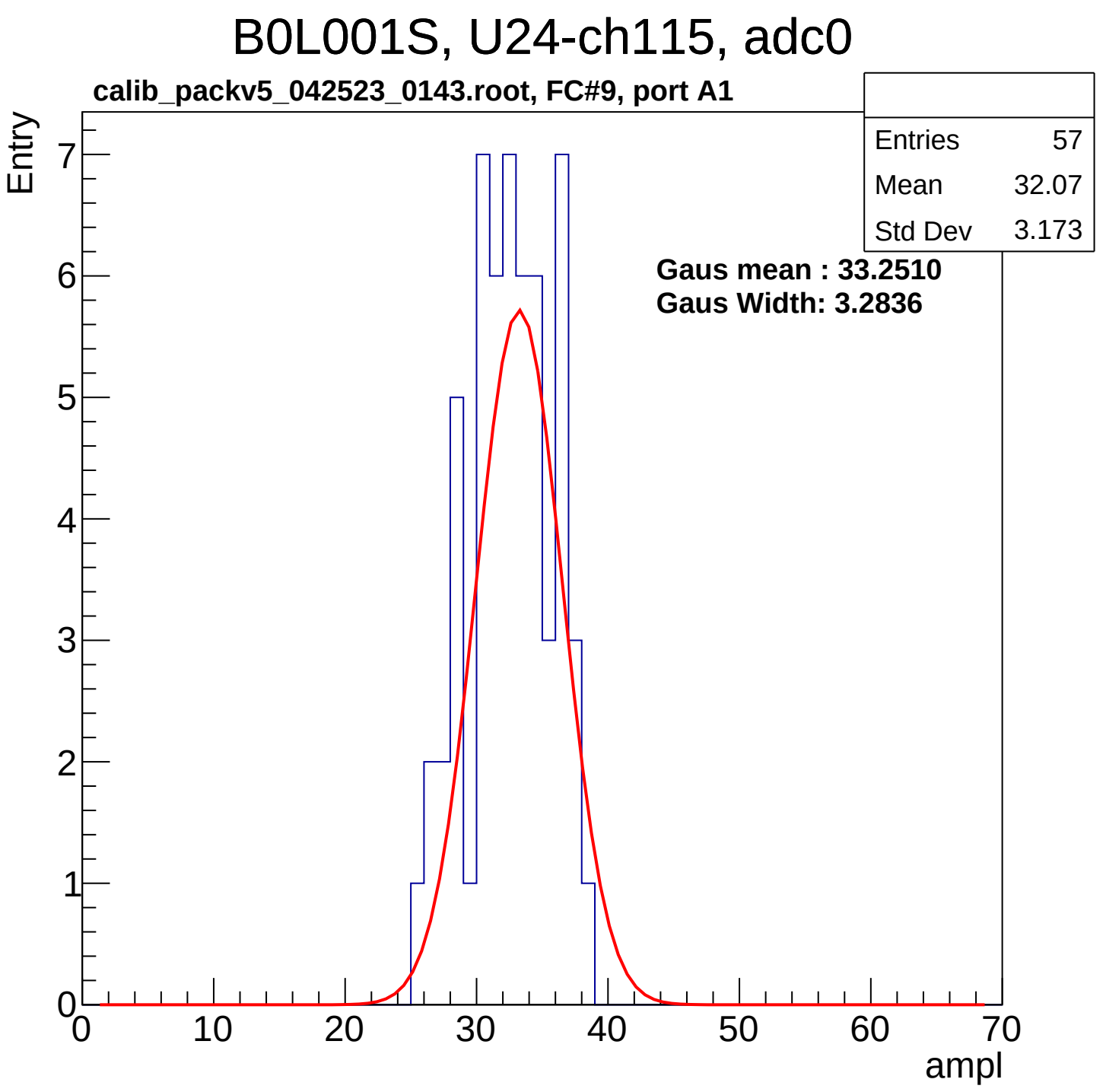
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch114, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 5
Mean 0
Std Dev 0
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch115, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 32.07
Std Dev 3.173
Gaus mean : 33.2510
Gaus Width: 3.2836
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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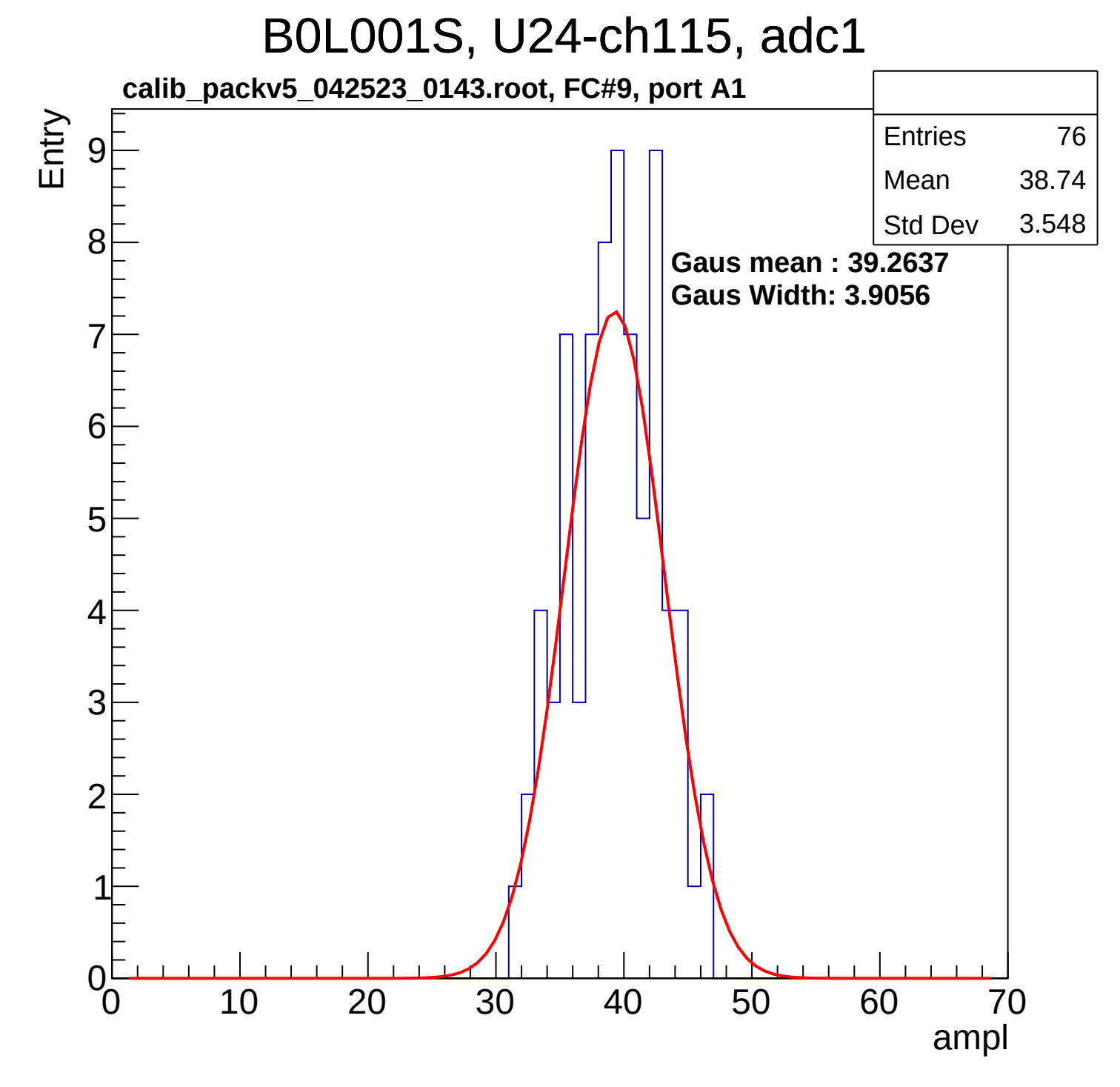
B0L001S, U24-ch115, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 38.74
Std Dev 3.548
Gaus mean : 39.2637
Gaus Width: 3.9056
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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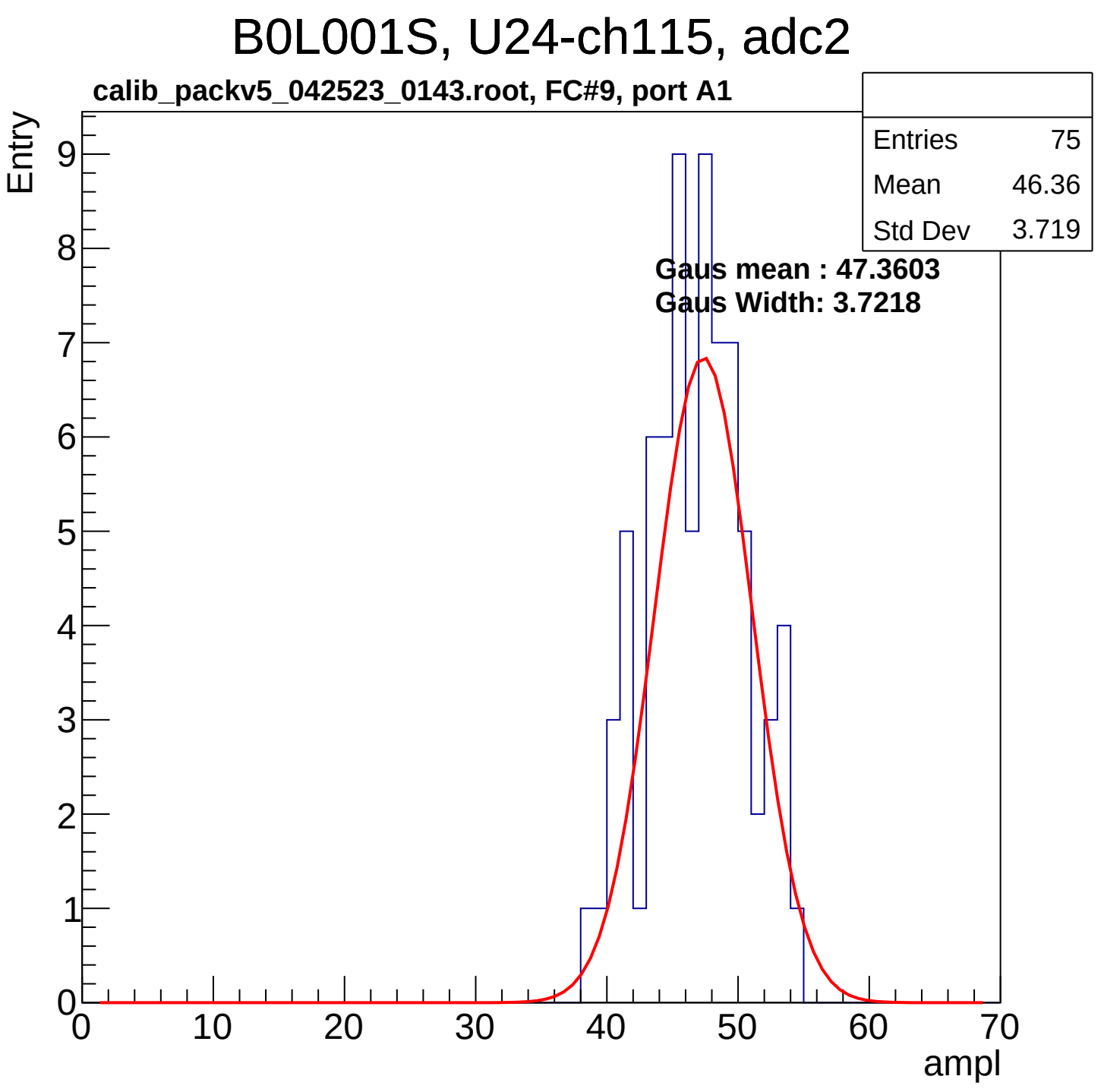
B0L001S, U24-ch115, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 46.36
Std Dev 3.719
Gaus mean : 47.3603
Gaus Width: 3.7218
Entry
ampl
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2
3
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0
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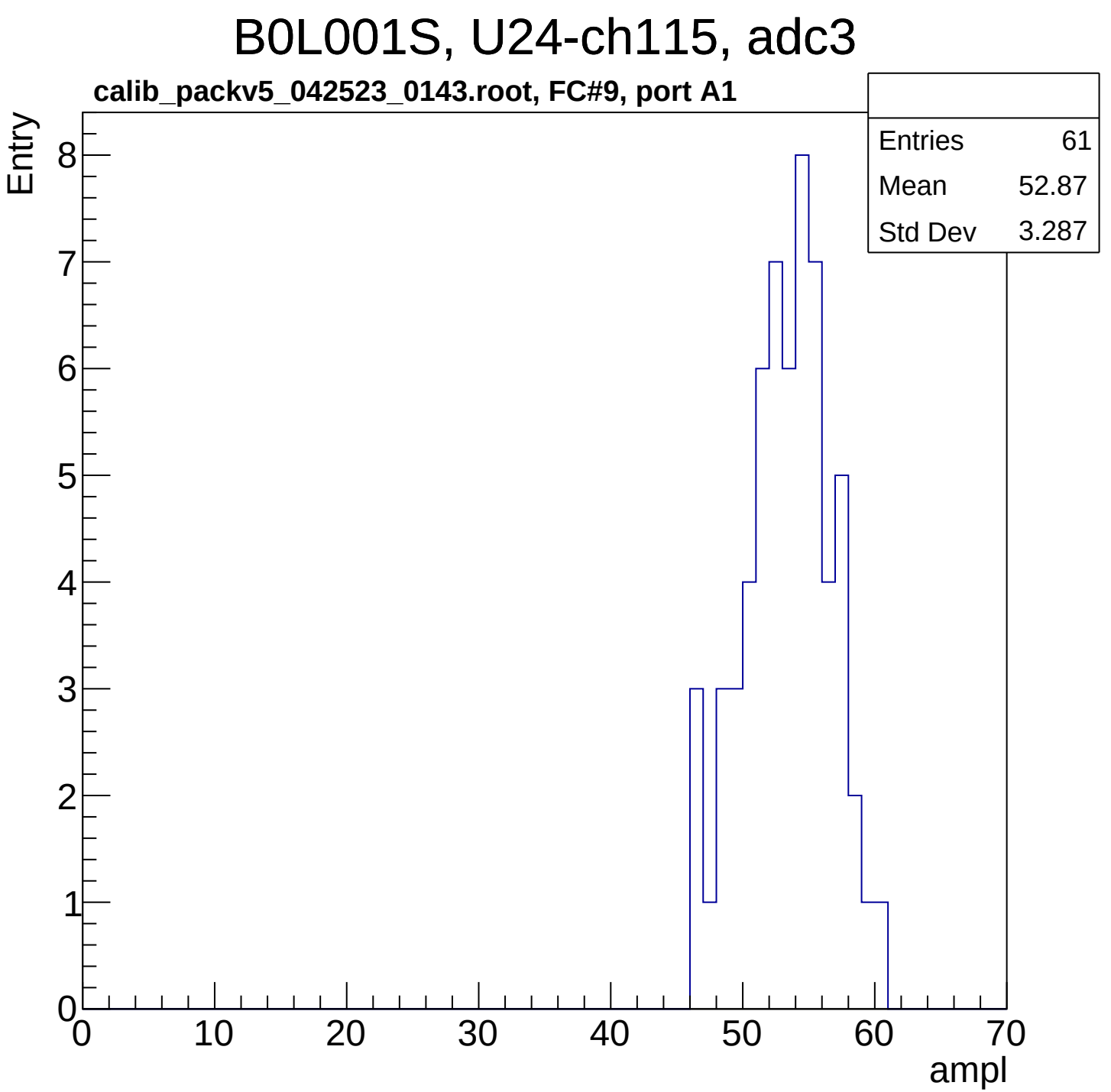
B0L001S, U24-ch115, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 52.87
Std Dev 3.287
Entry
ampl
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3
4
5
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0
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40
50
60
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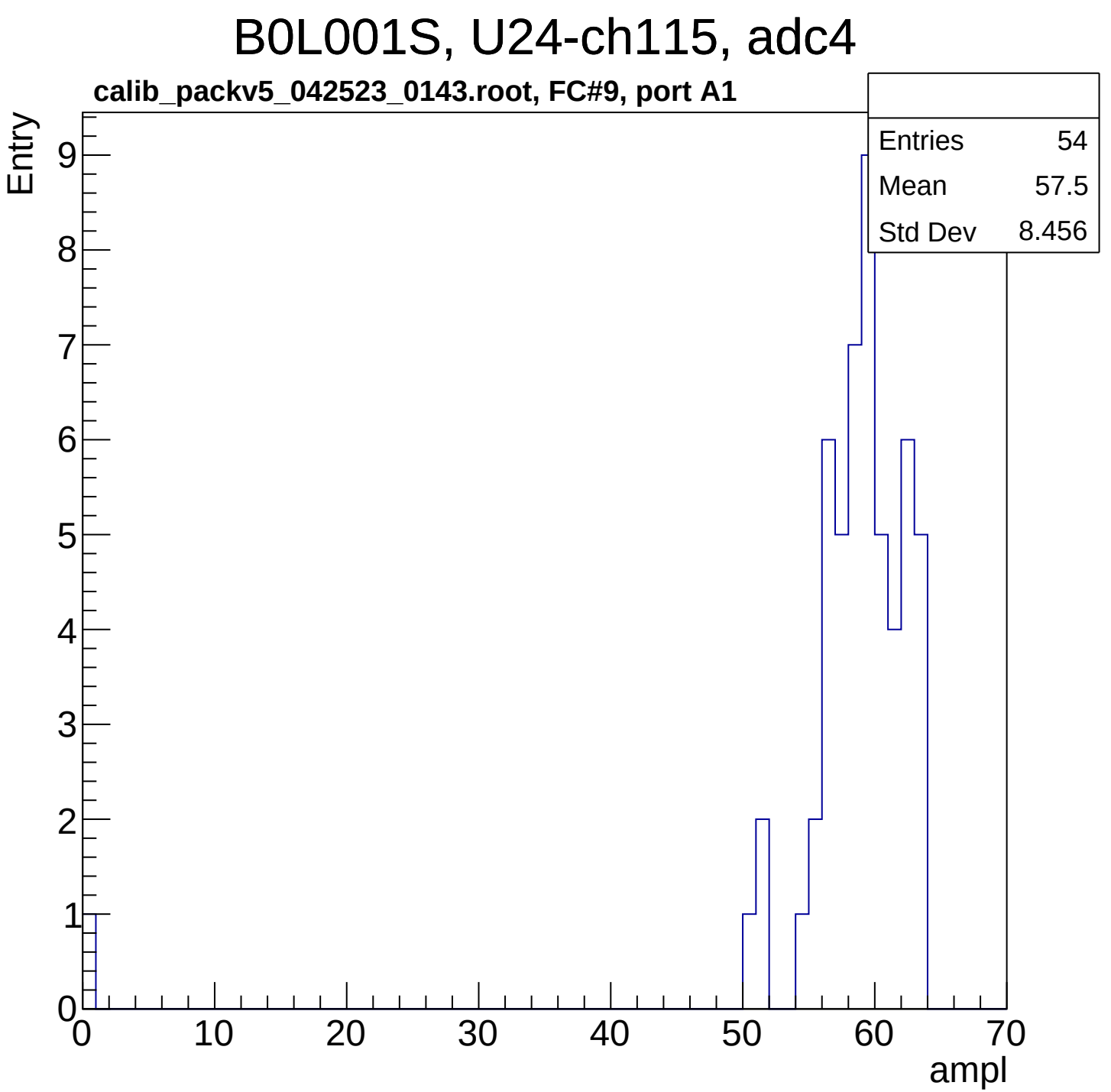
B0L001S, U24-ch115, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 57.5
Std Dev 8.456
Entry
ampl
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2
3
4
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60
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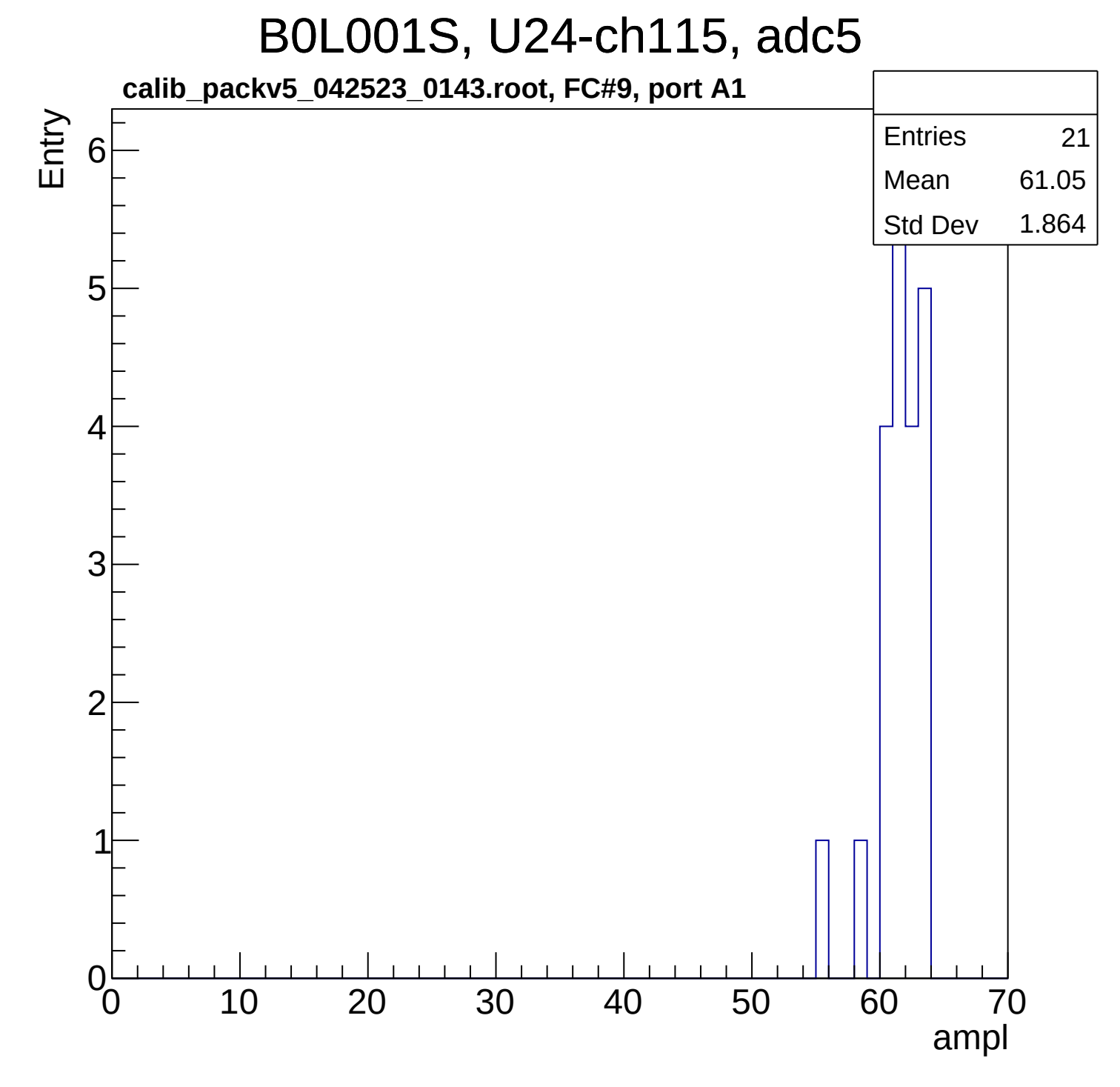
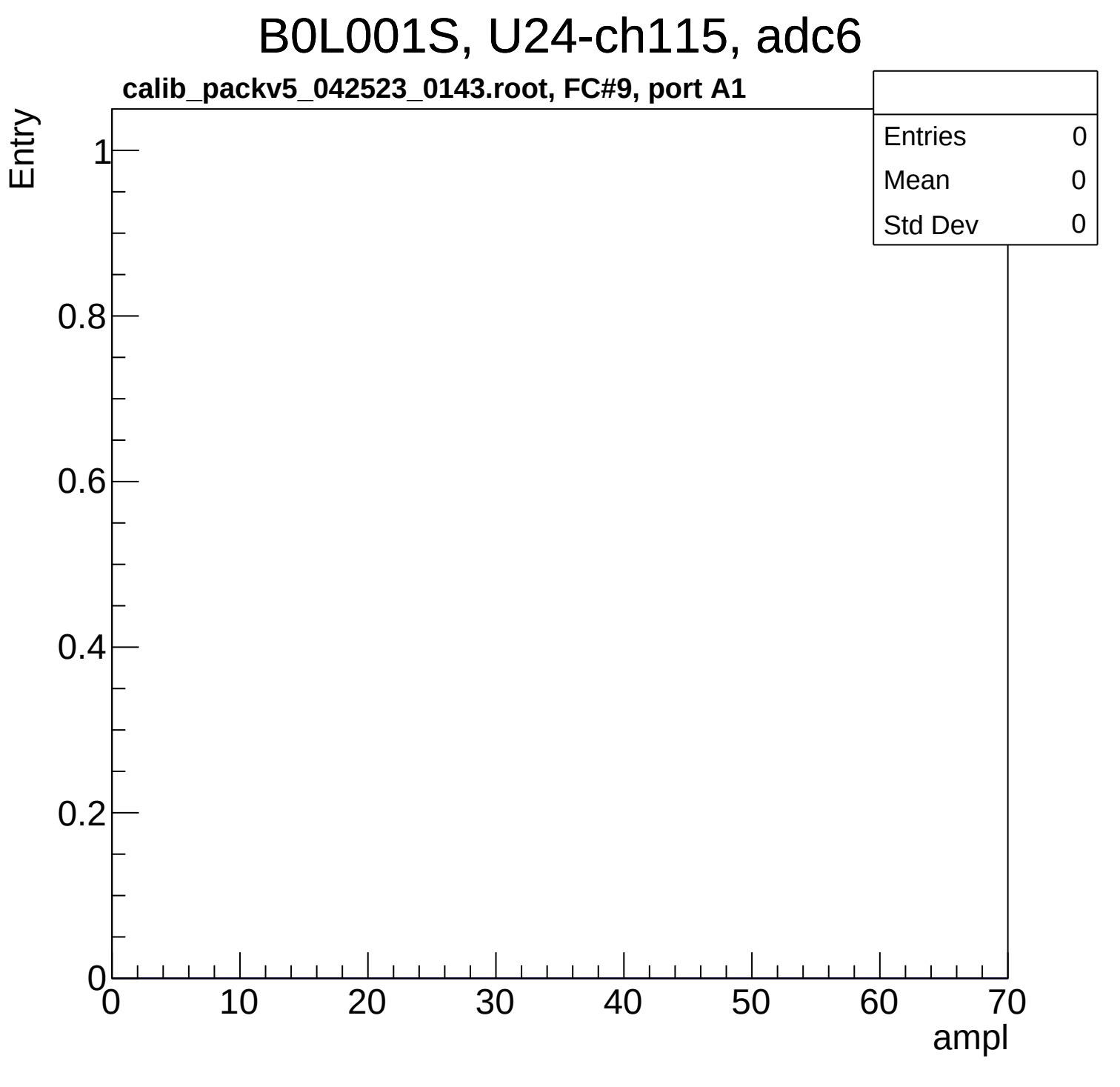
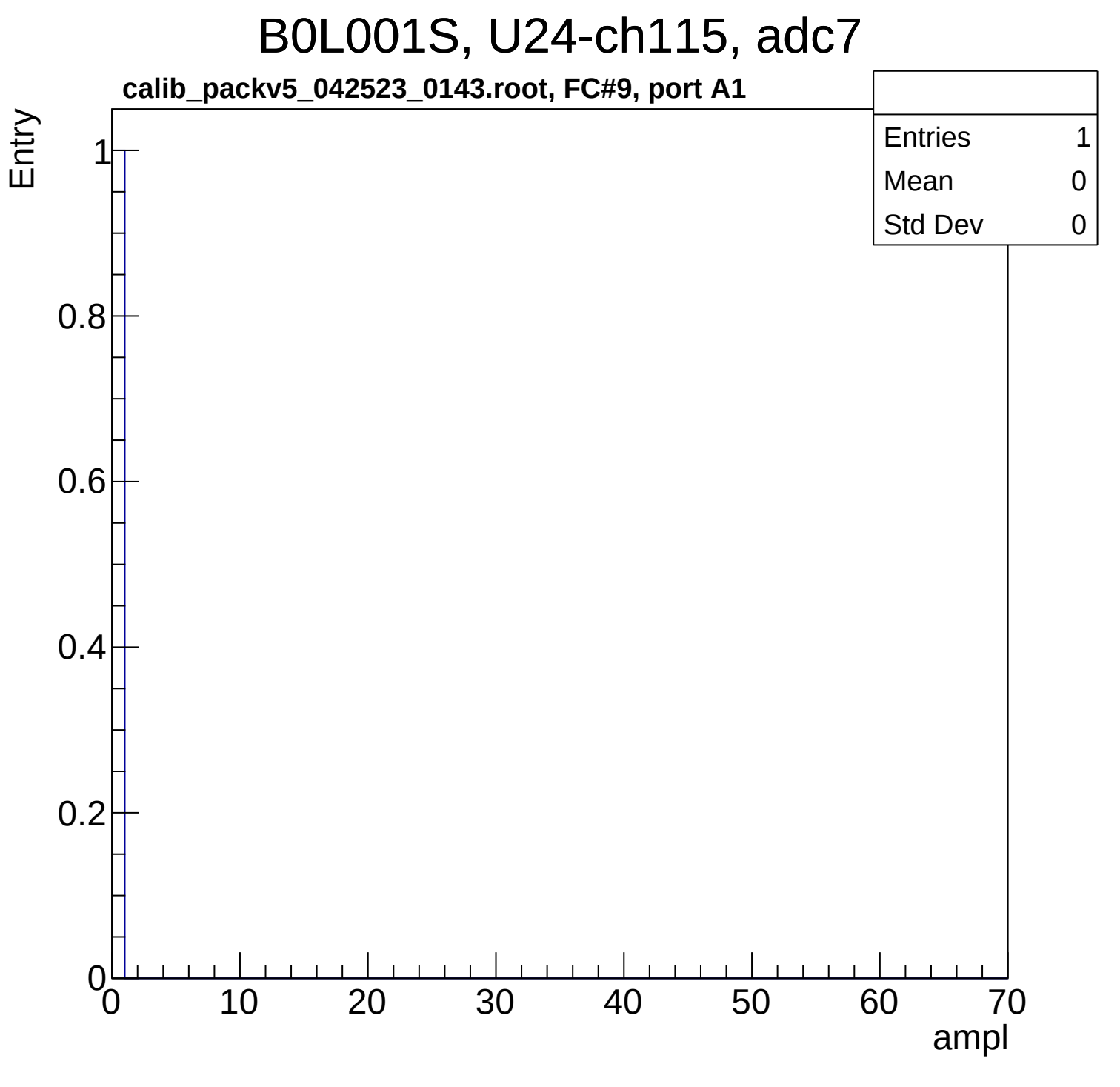

B0L001S, U24-ch115, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 21
Mean 61.05
Std Dev 1.864
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch115, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch115, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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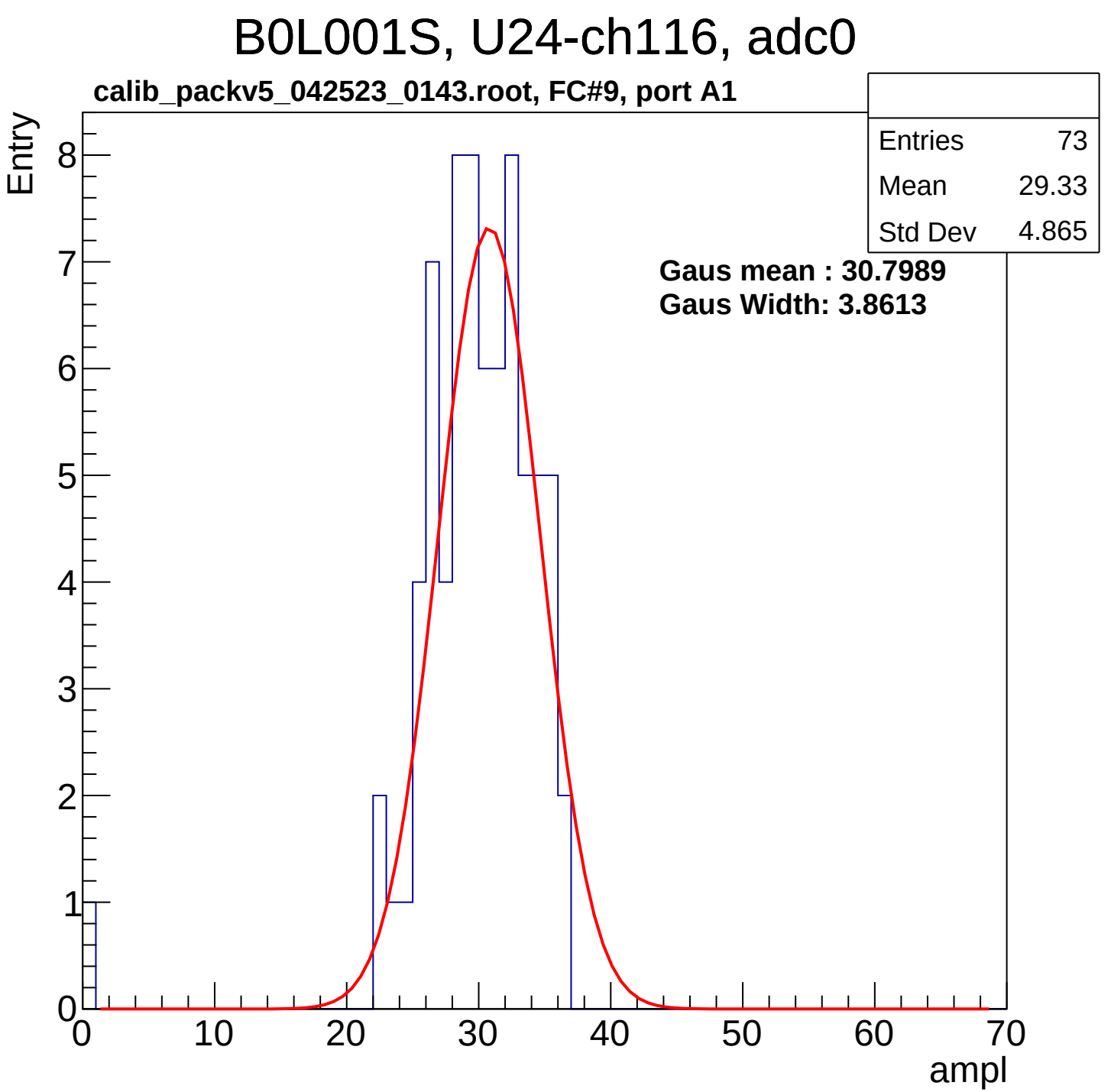
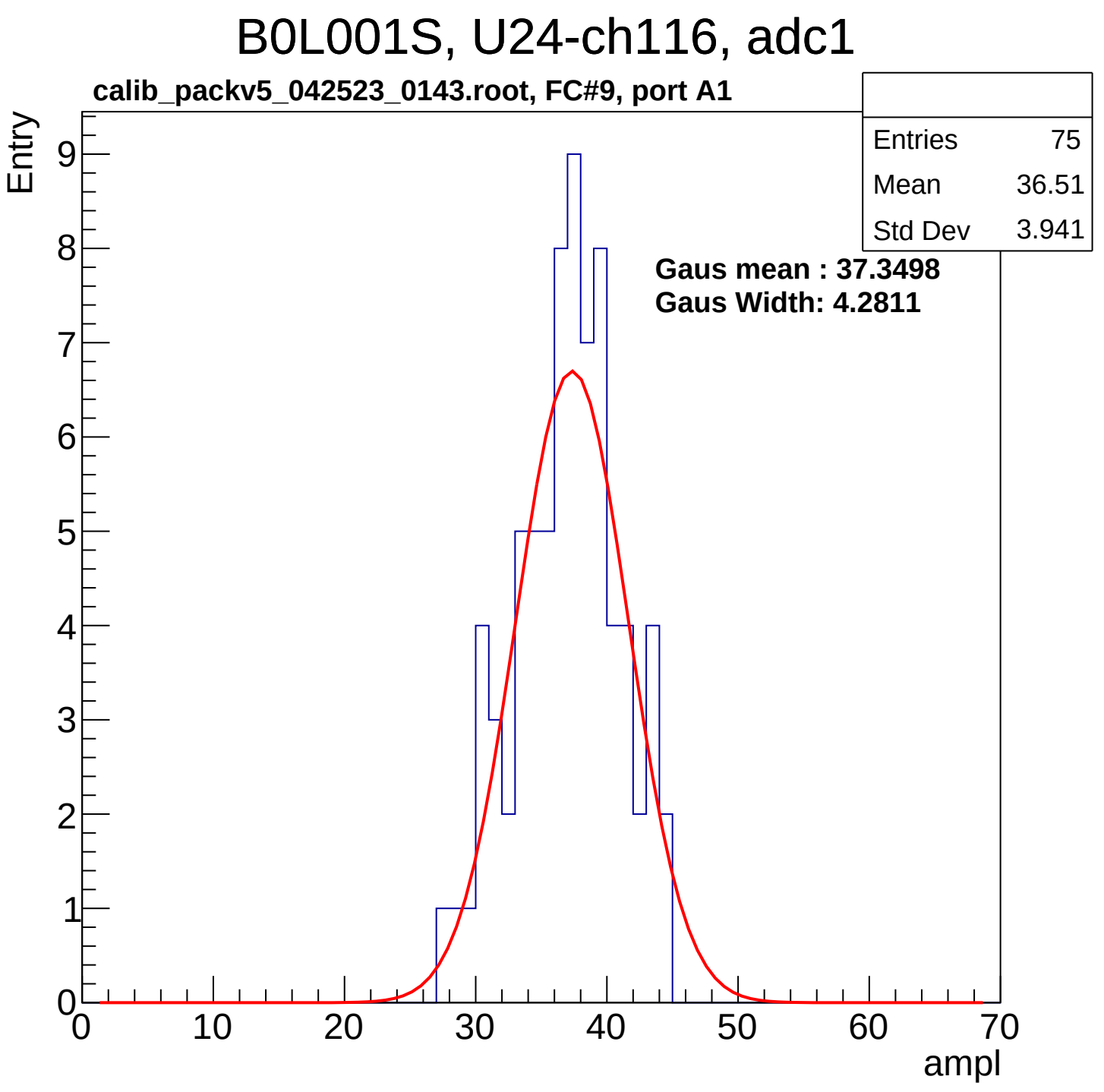
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch116, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 29.33
Std Dev 4.865
Gaus mean : 30.7989
Gaus Width: 3.8613
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch116, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 36.51
Std Dev 3.941
Gaus mean : 37.3498
Gaus Width: 4.2811
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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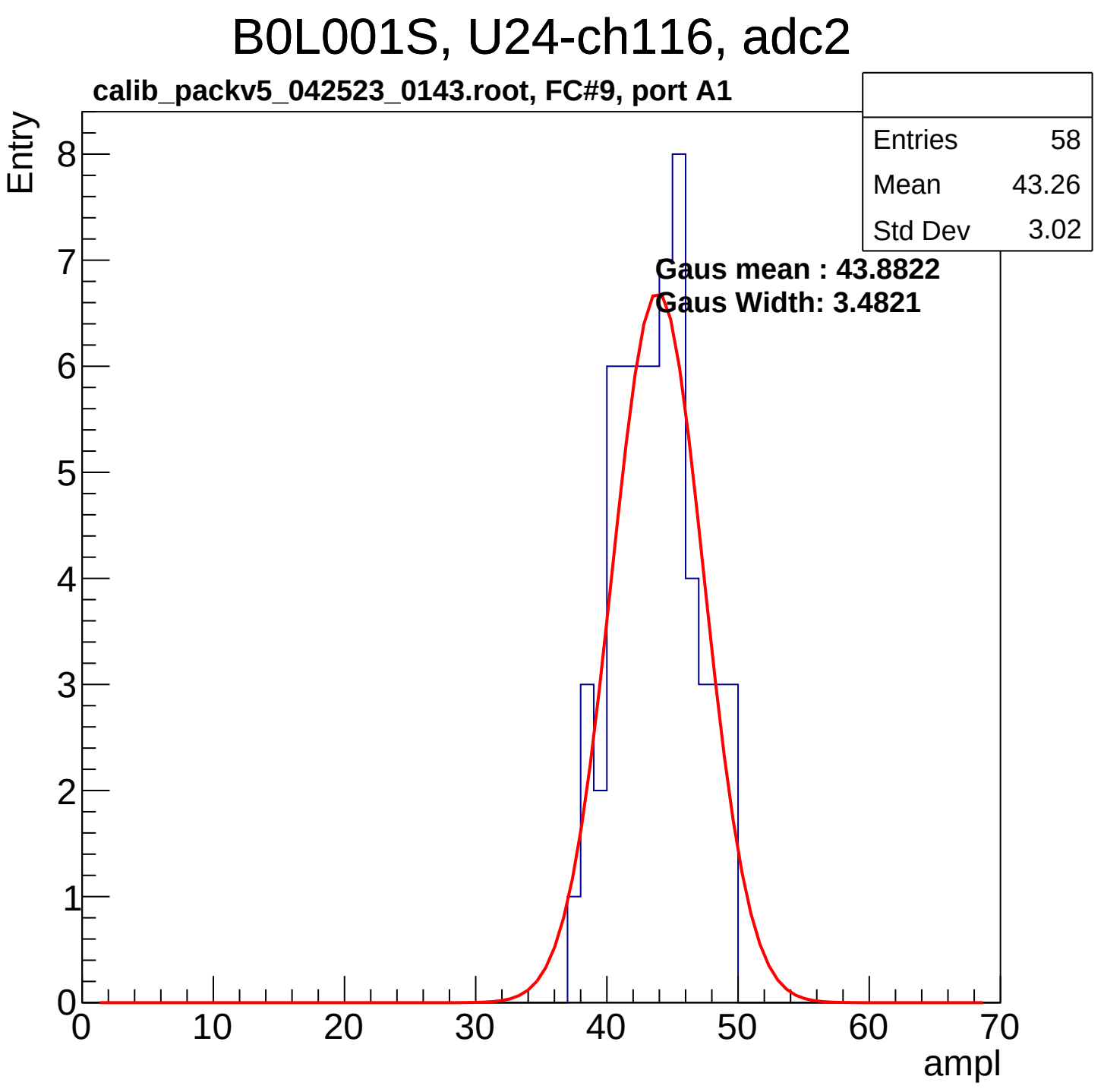
B0L001S, U24-ch116, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 43.26
Std Dev 3.02
Gaus mean : 43.8822
Gaus Width: 3.4821
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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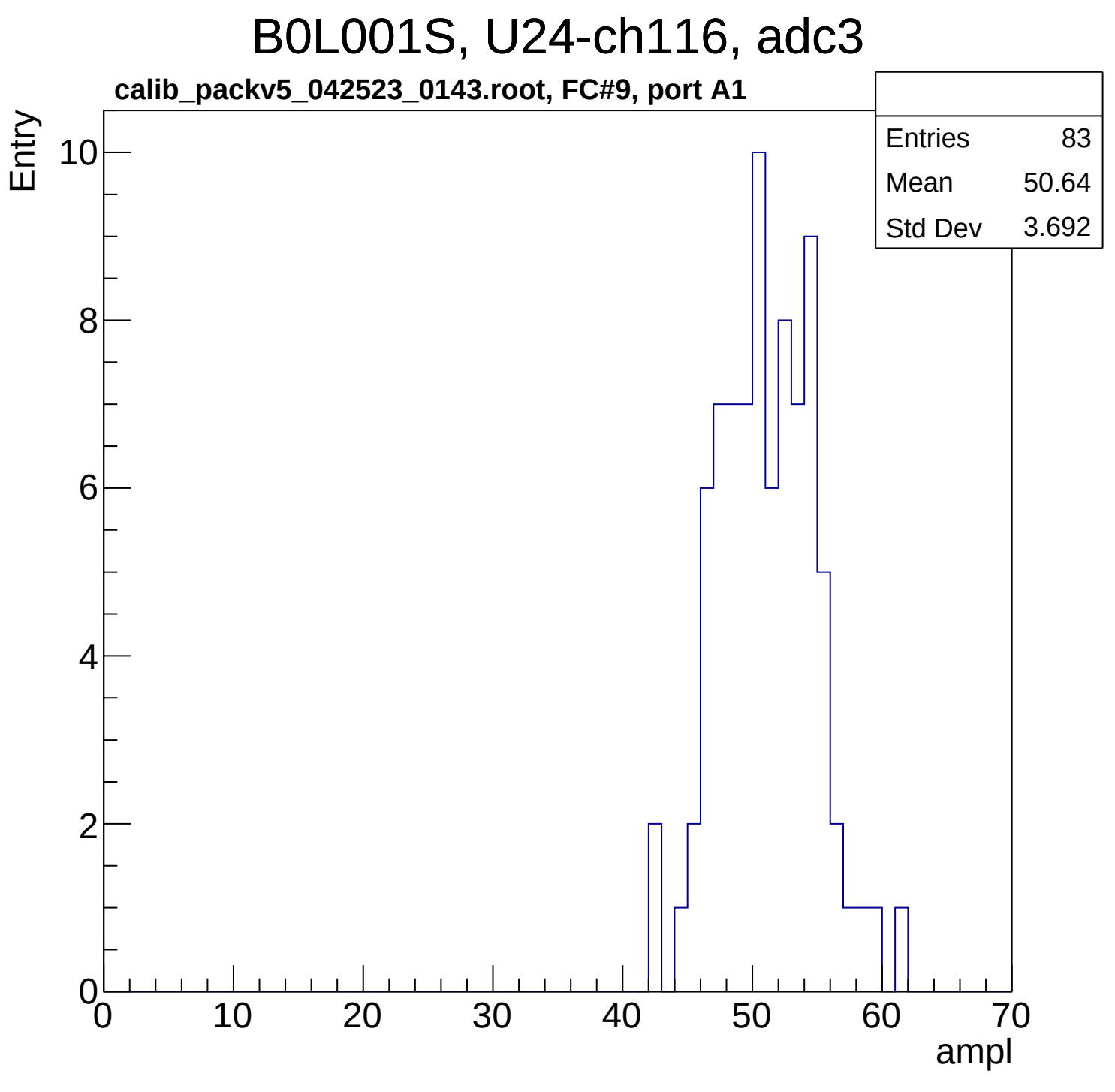
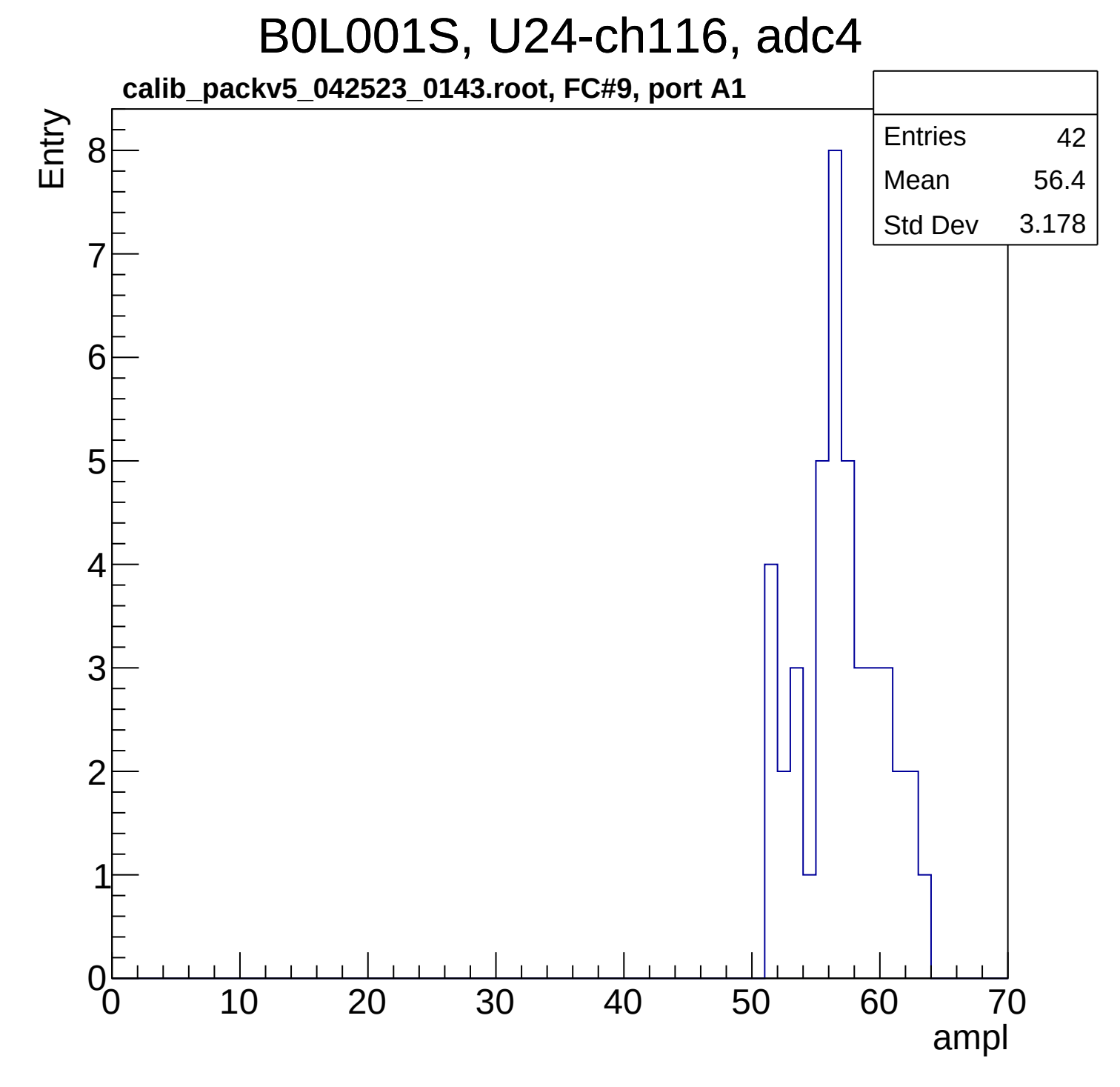

B0L001S, U24-ch116, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 50.64
Std Dev 3.692
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch116, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 56.4
Std Dev 3.178
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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60
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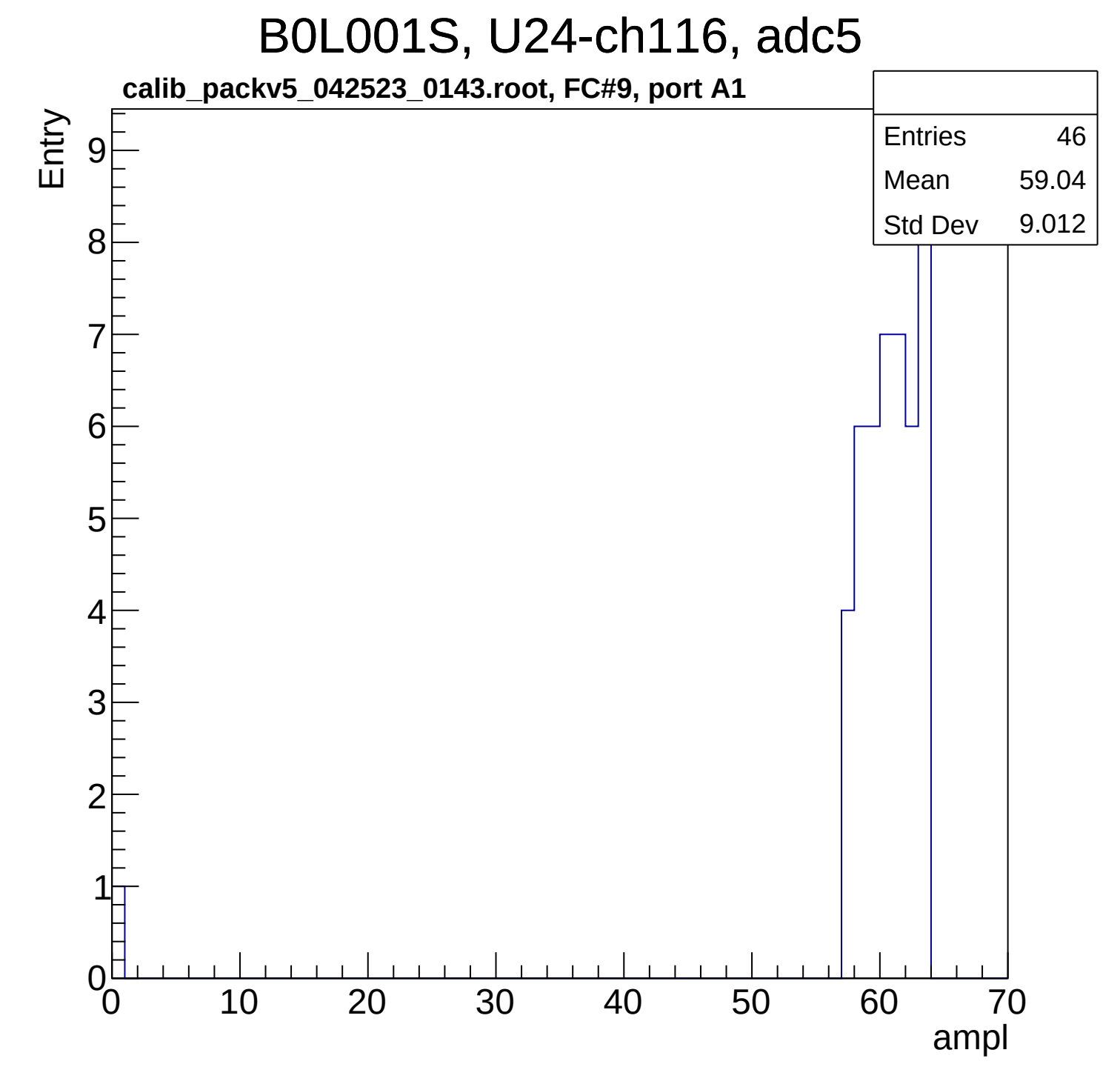
B0L001S, U24-ch116, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 59.04
Std Dev 9.012
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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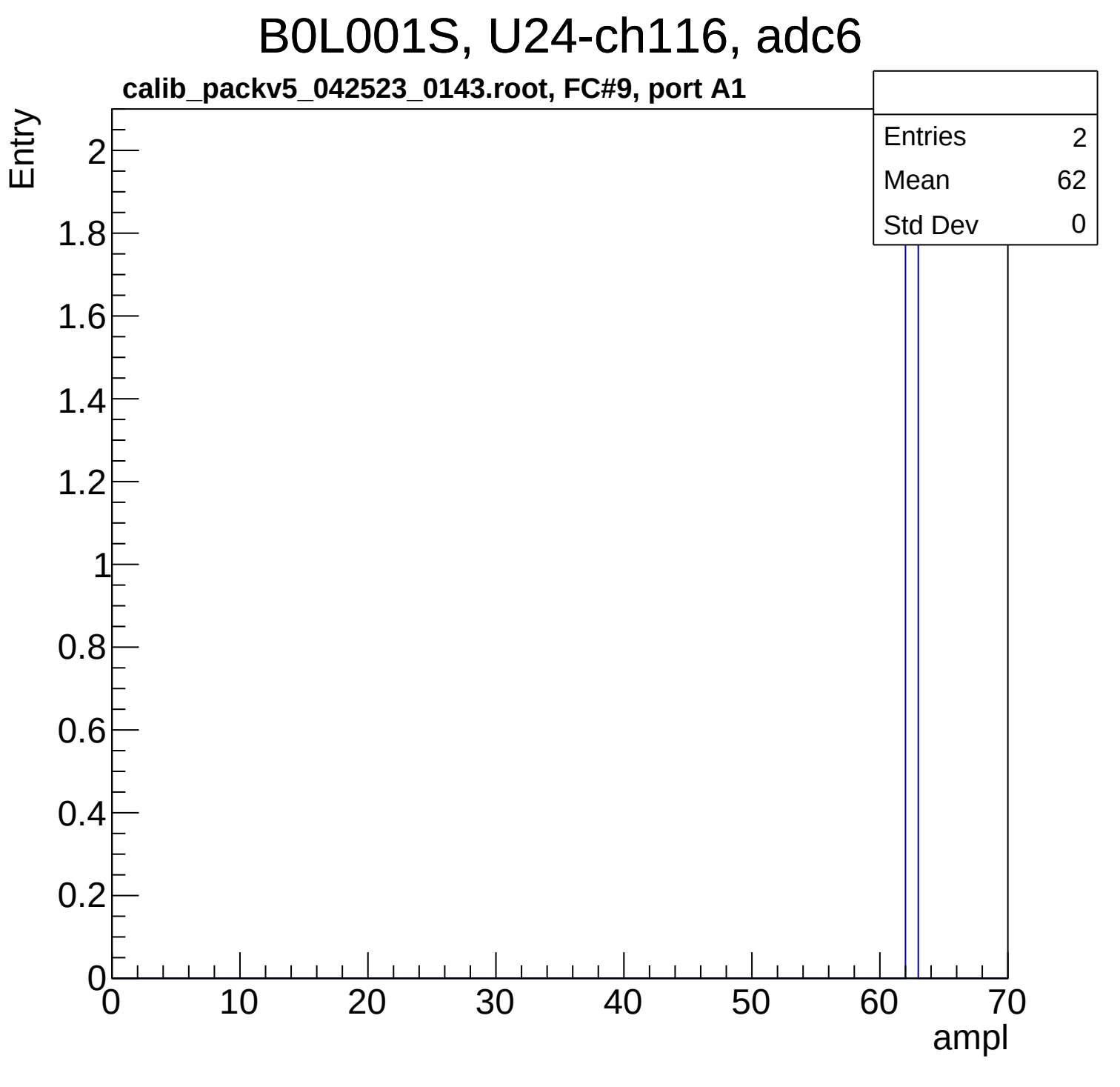
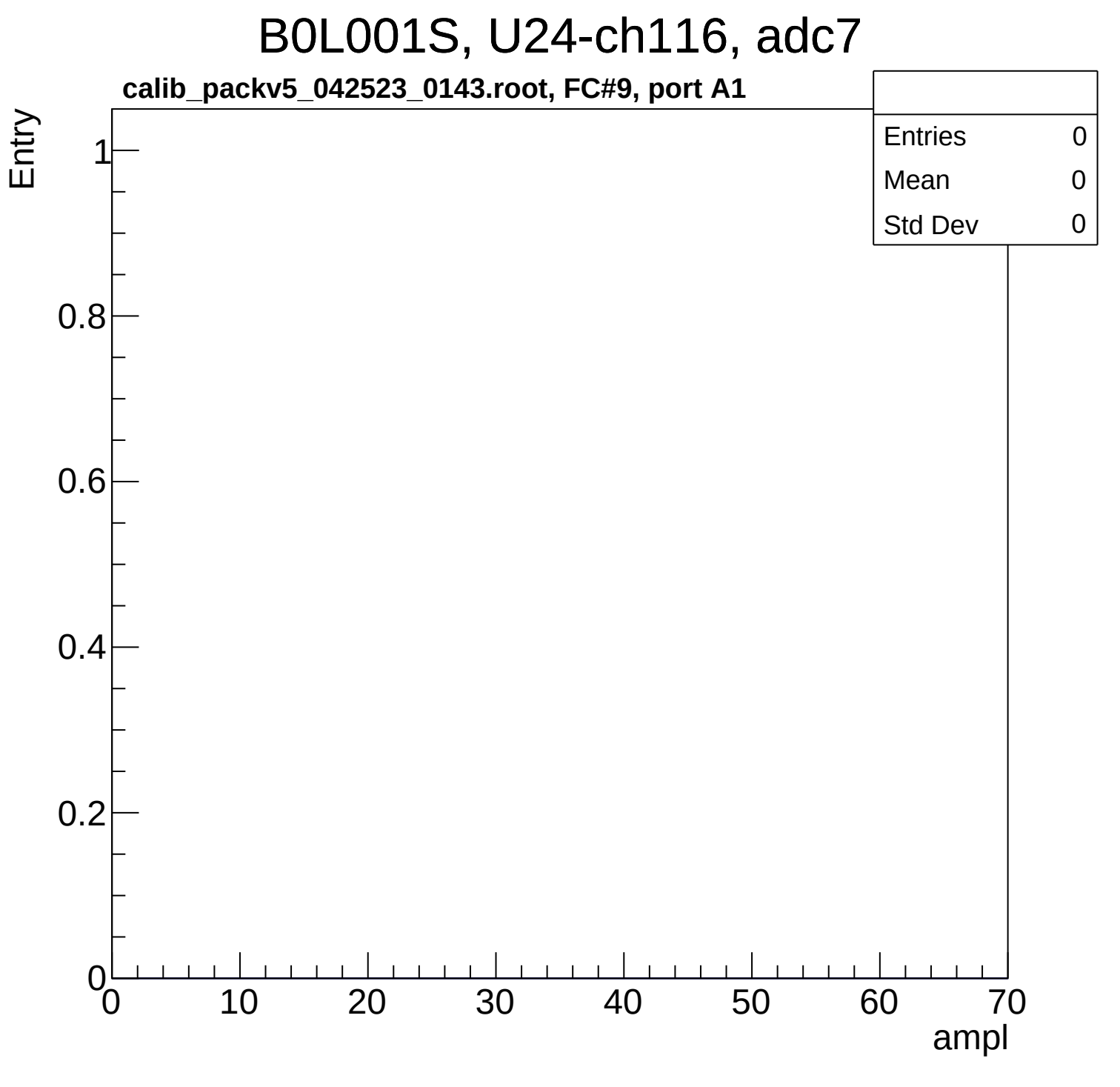

B0L001S, U24-ch116, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch116, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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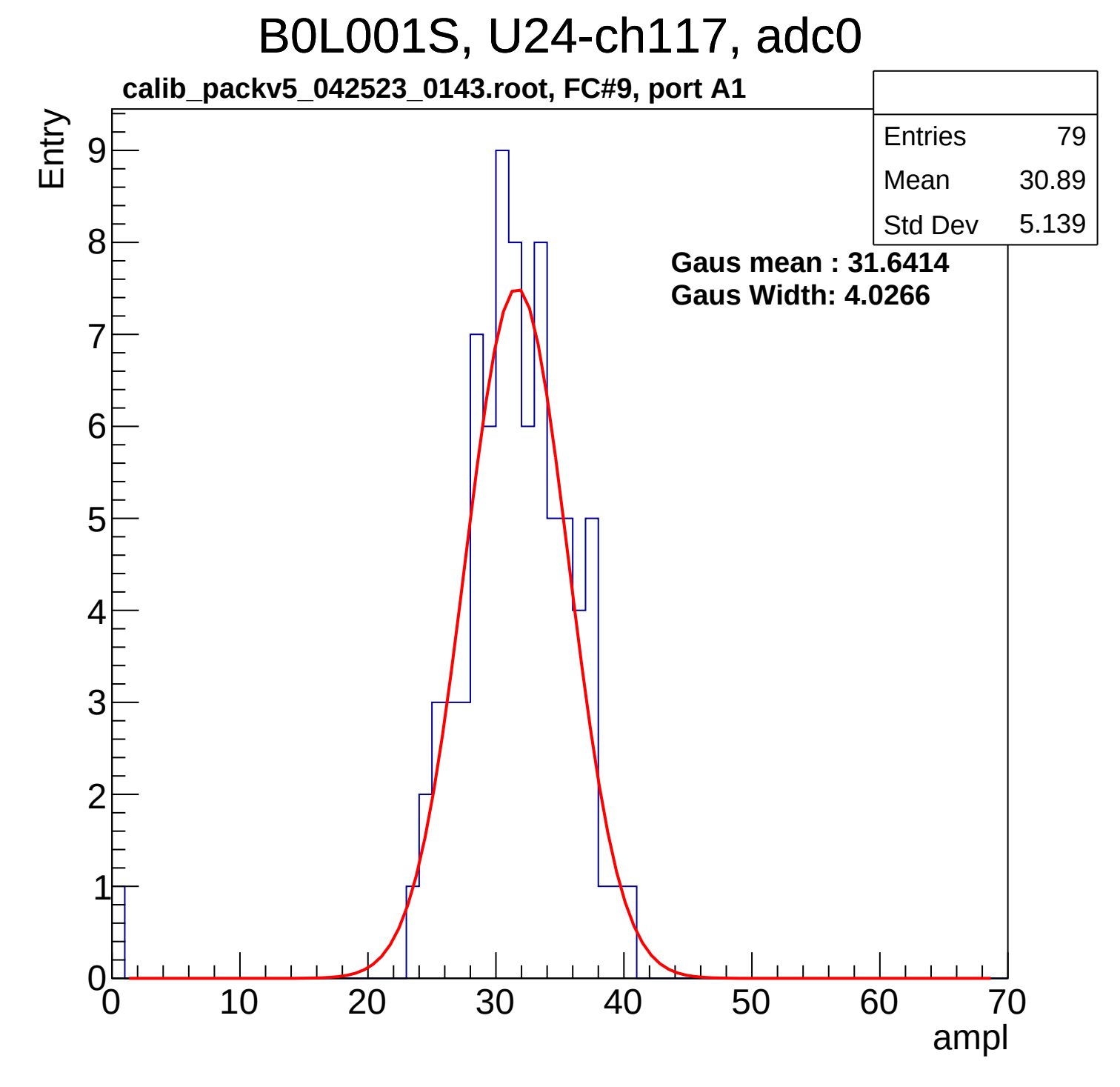
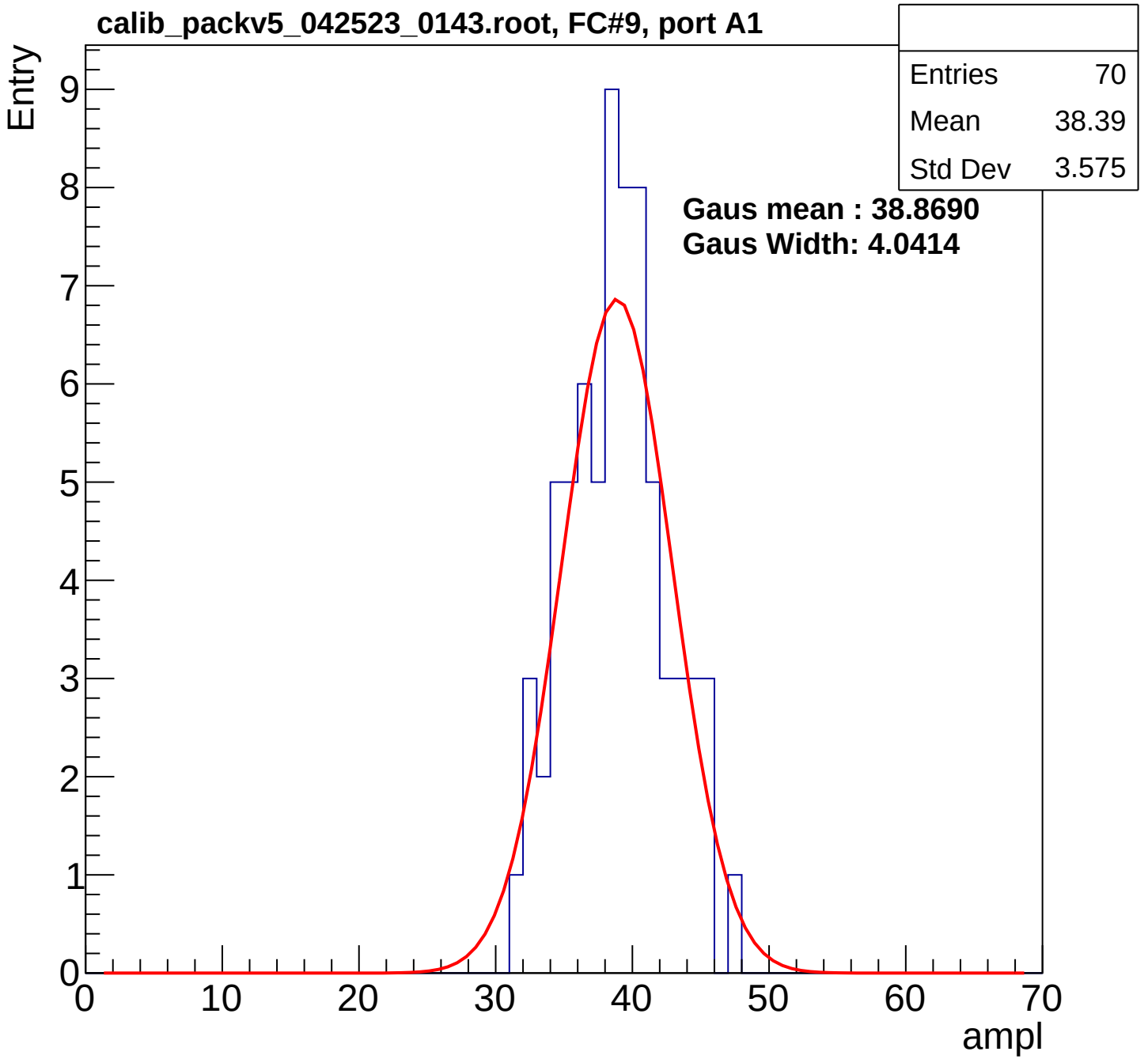
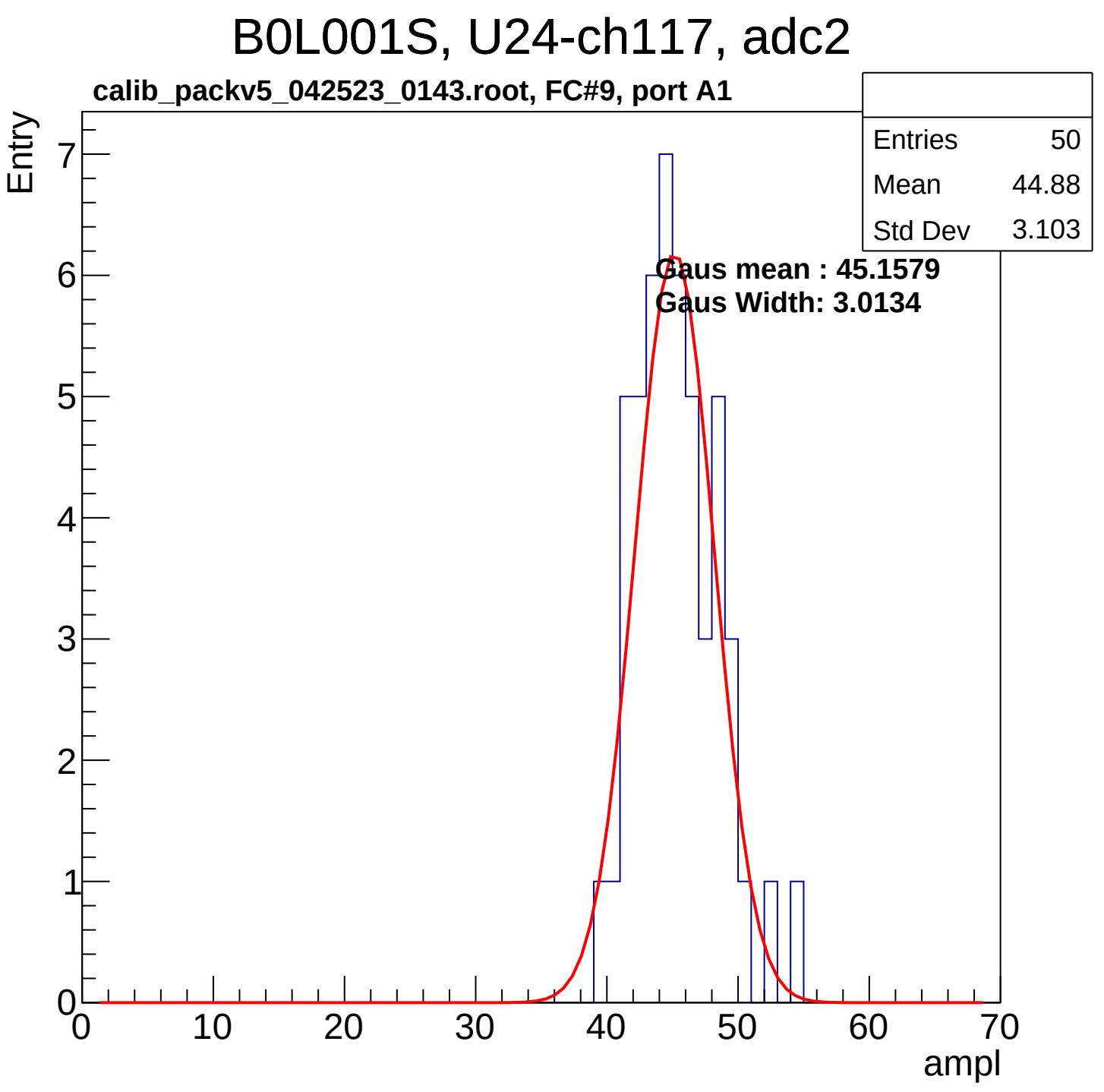
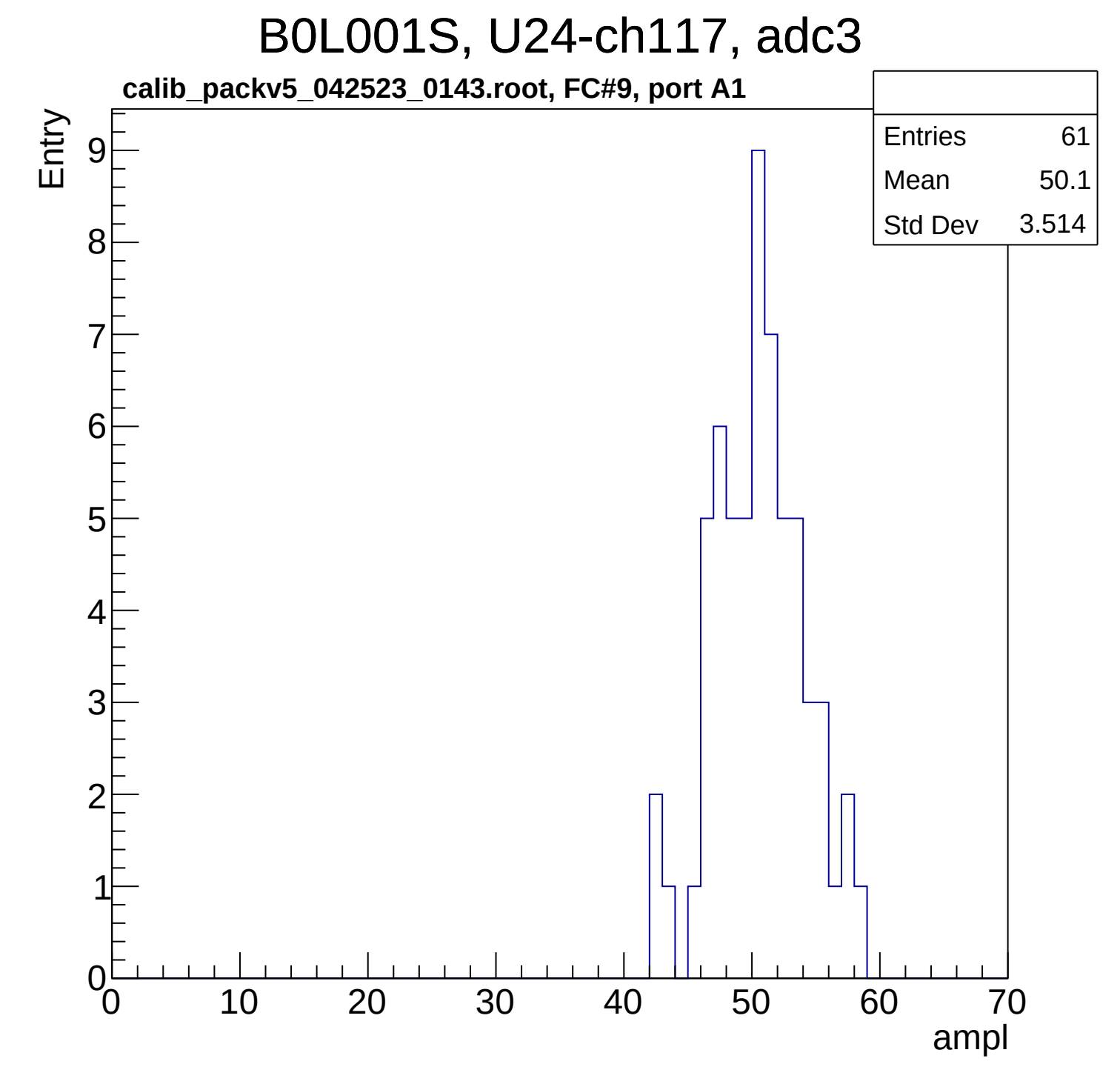
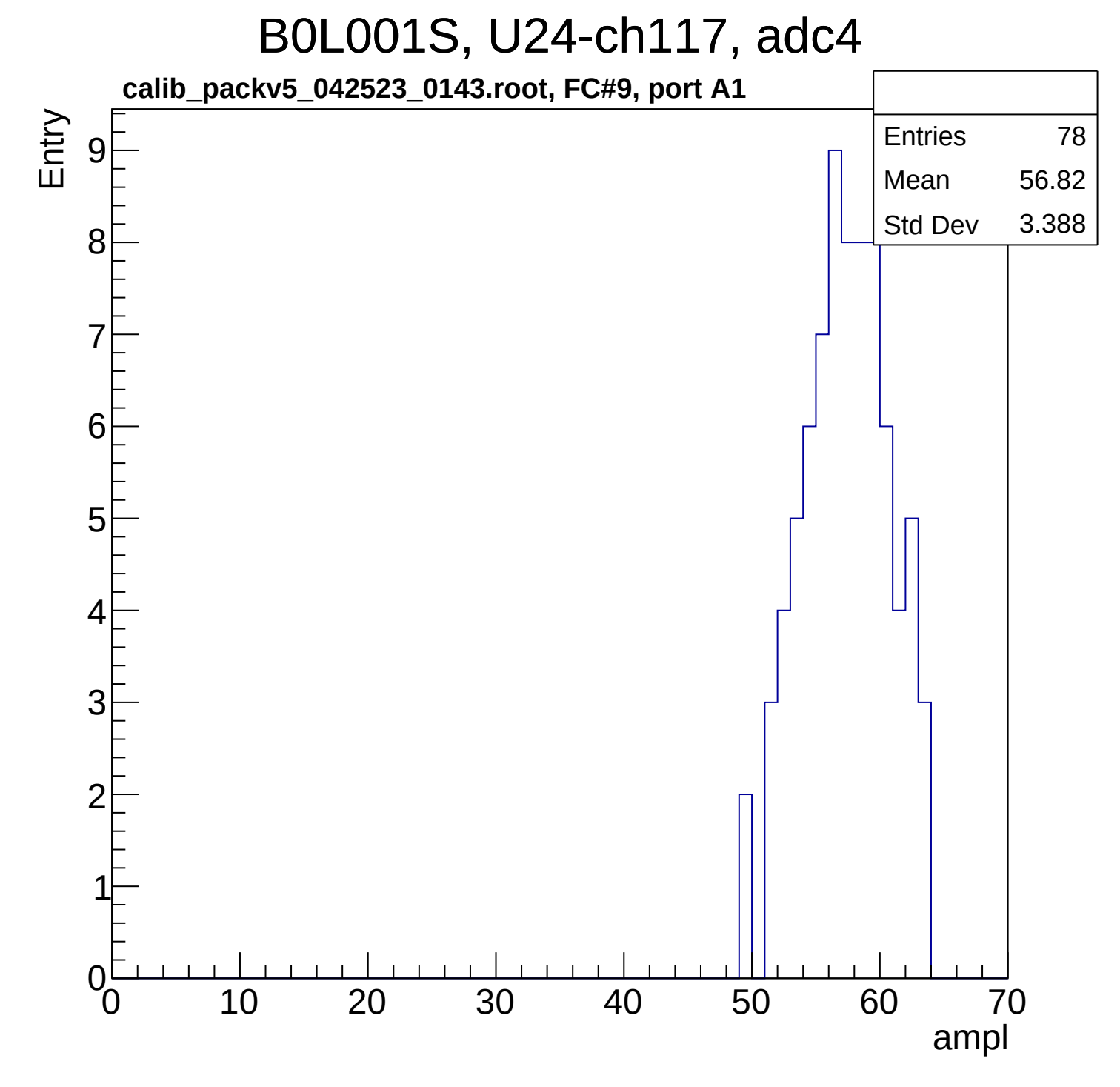
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

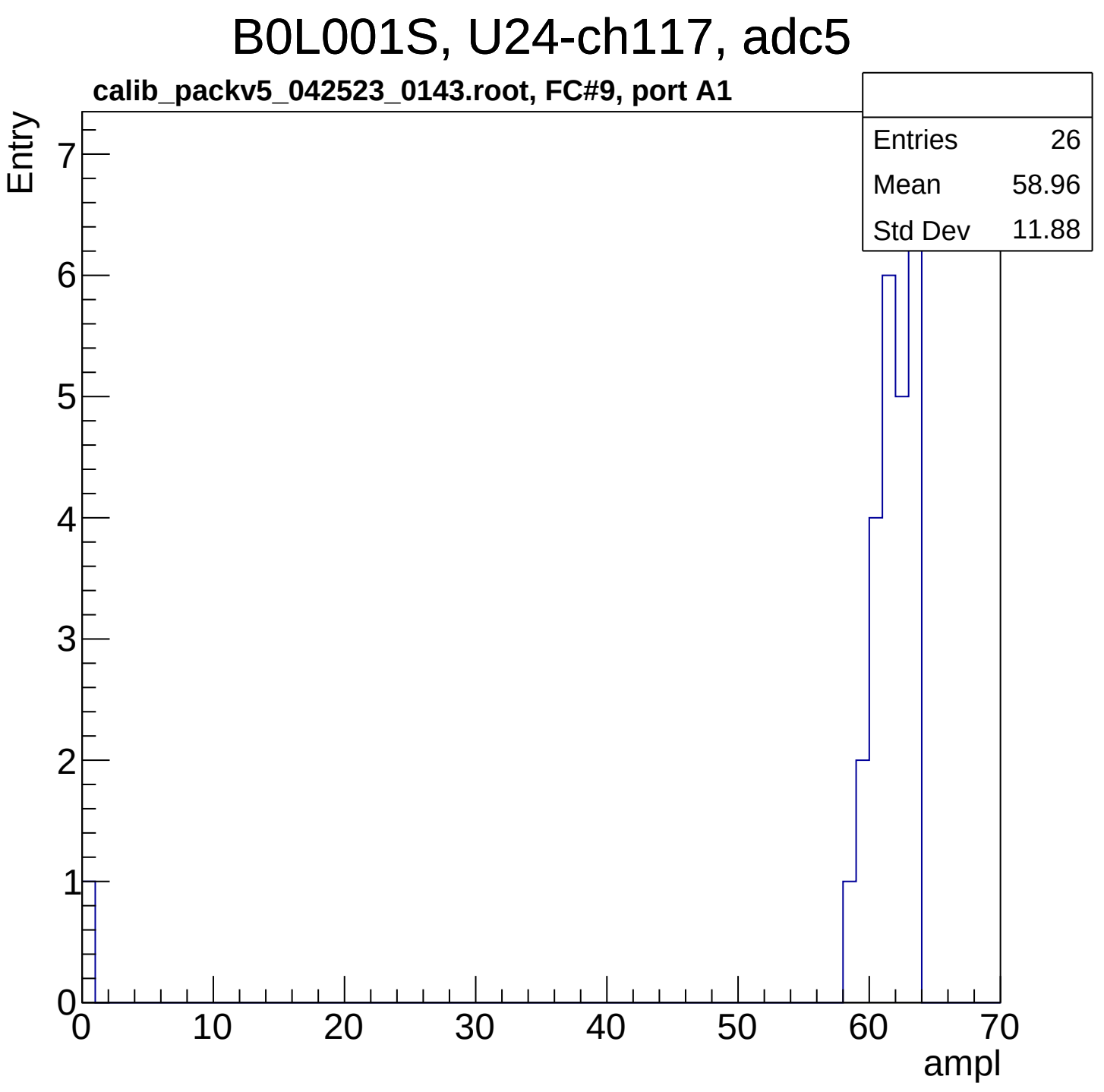

B0L001S, U24-ch117, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 79
Mean 30.89
Std Dev 5.139
Gaus mean : 31.6414
Gaus Width: 4.0266
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

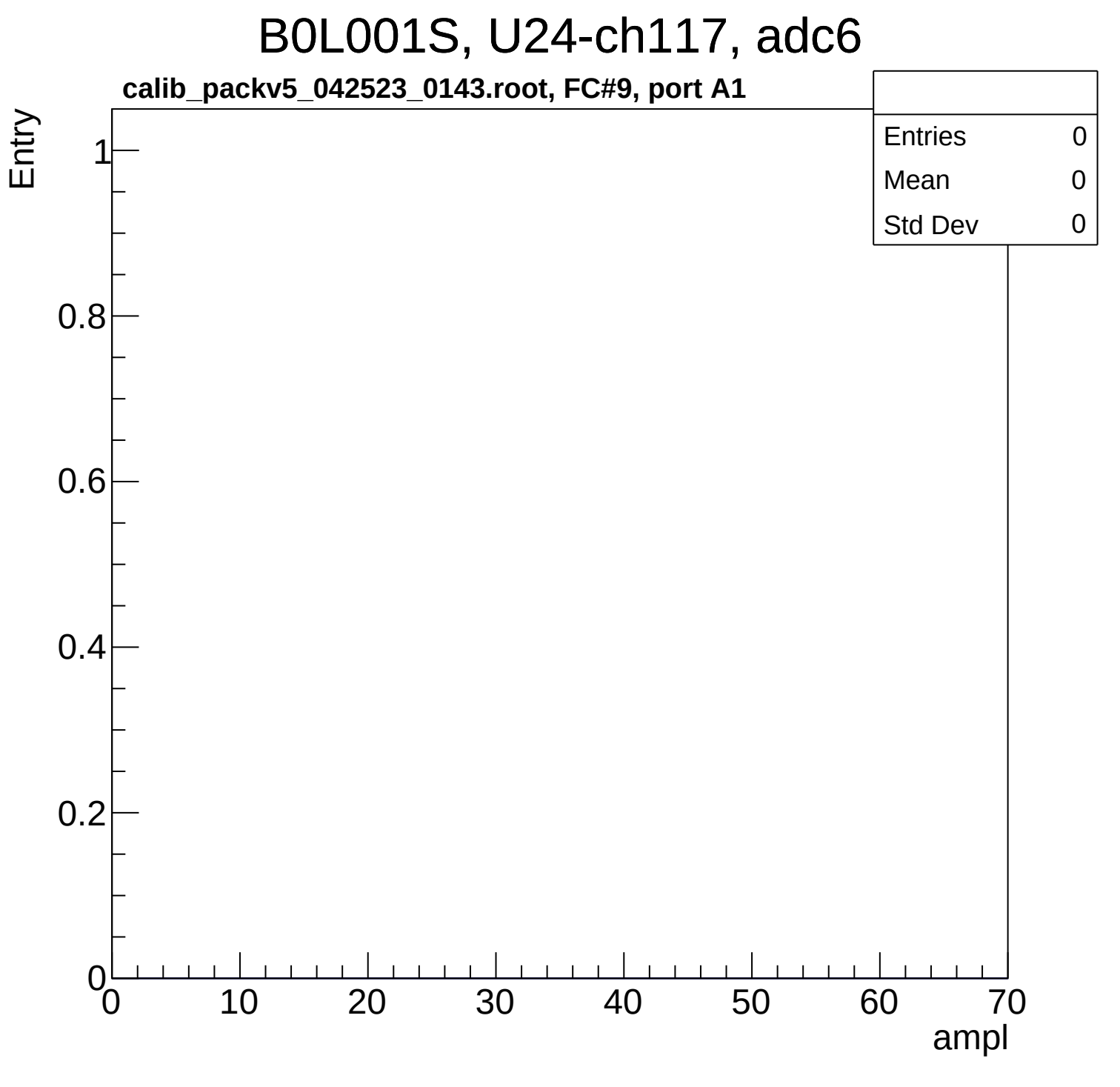

B0L001S, U24-ch117, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 38.39
Std Dev 3.575
Gaus mean : 38.8690
Gaus Width: 4.0414
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

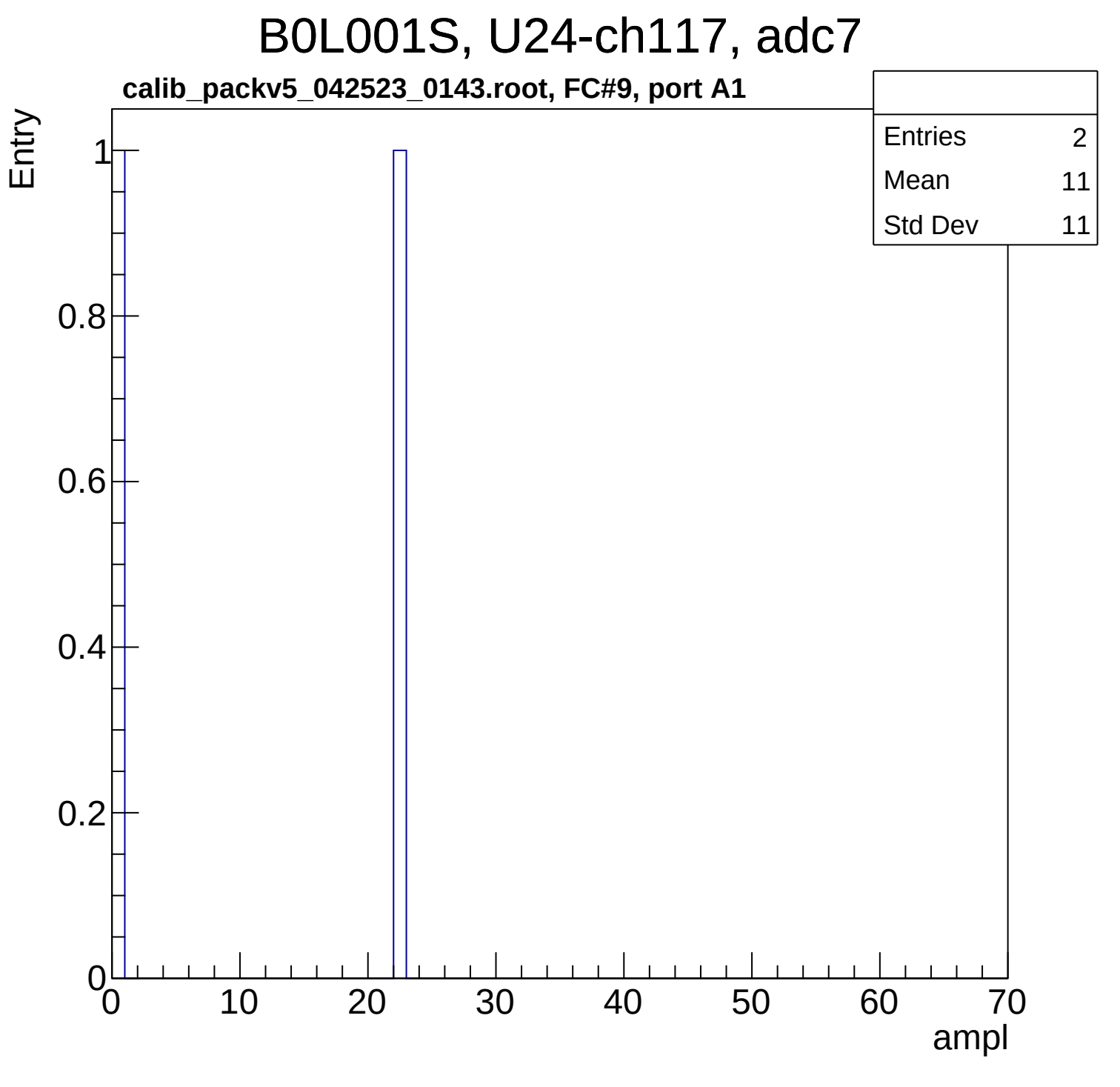

B0L001S, U24-ch117, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 50
Mean 44.88
Std Dev 3.103
Gaus mean : 45.1579
Gaus Width: 3.0134
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch117, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 50.1
Std Dev 3.514
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch117, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 56.82
Std Dev 3.388
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch117, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 58.96
Std Dev 11.88
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch117, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch117, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 11
Std Dev 11
Entry
1
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0.6
0.4
0.2
0
0
10
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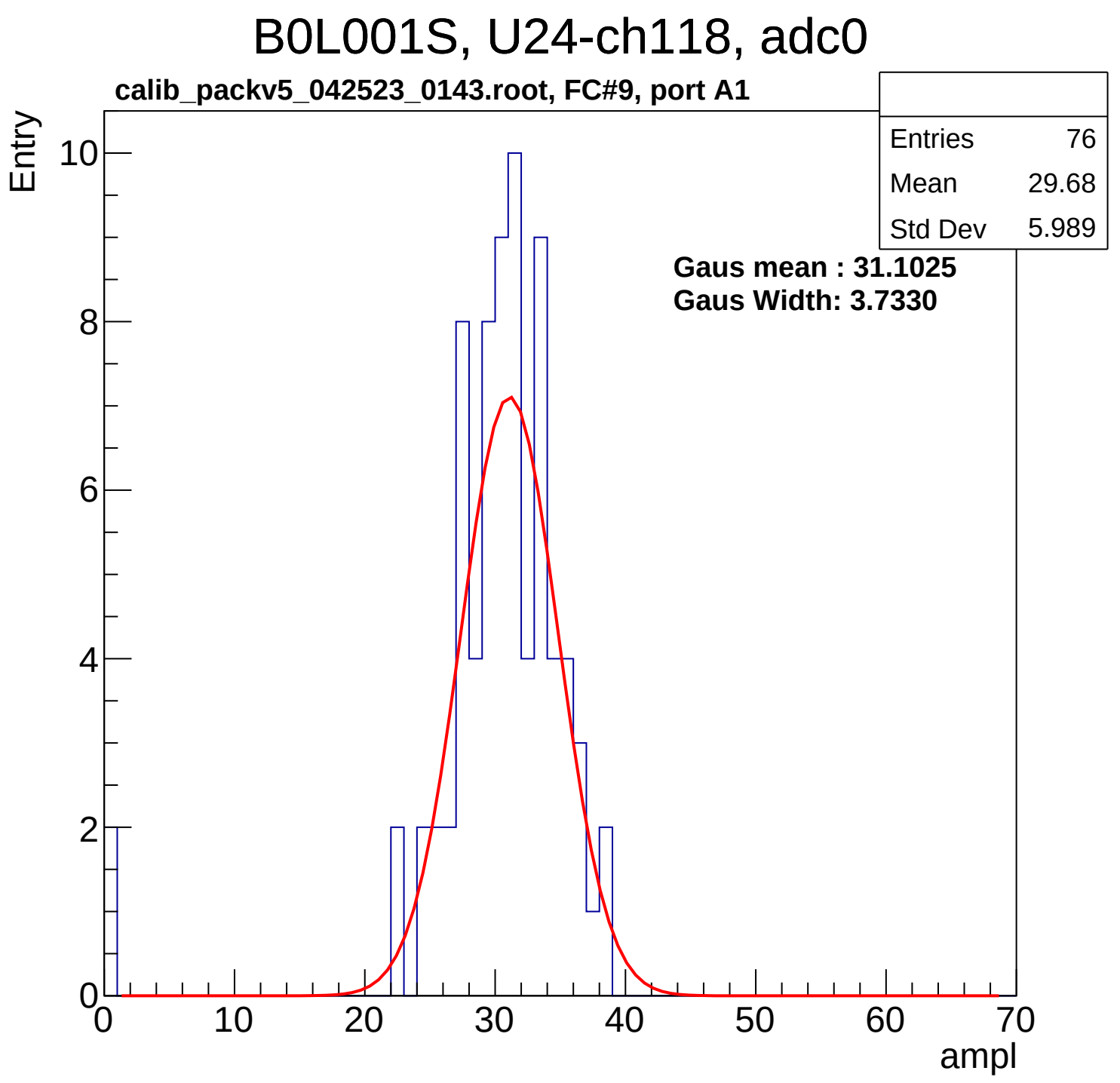
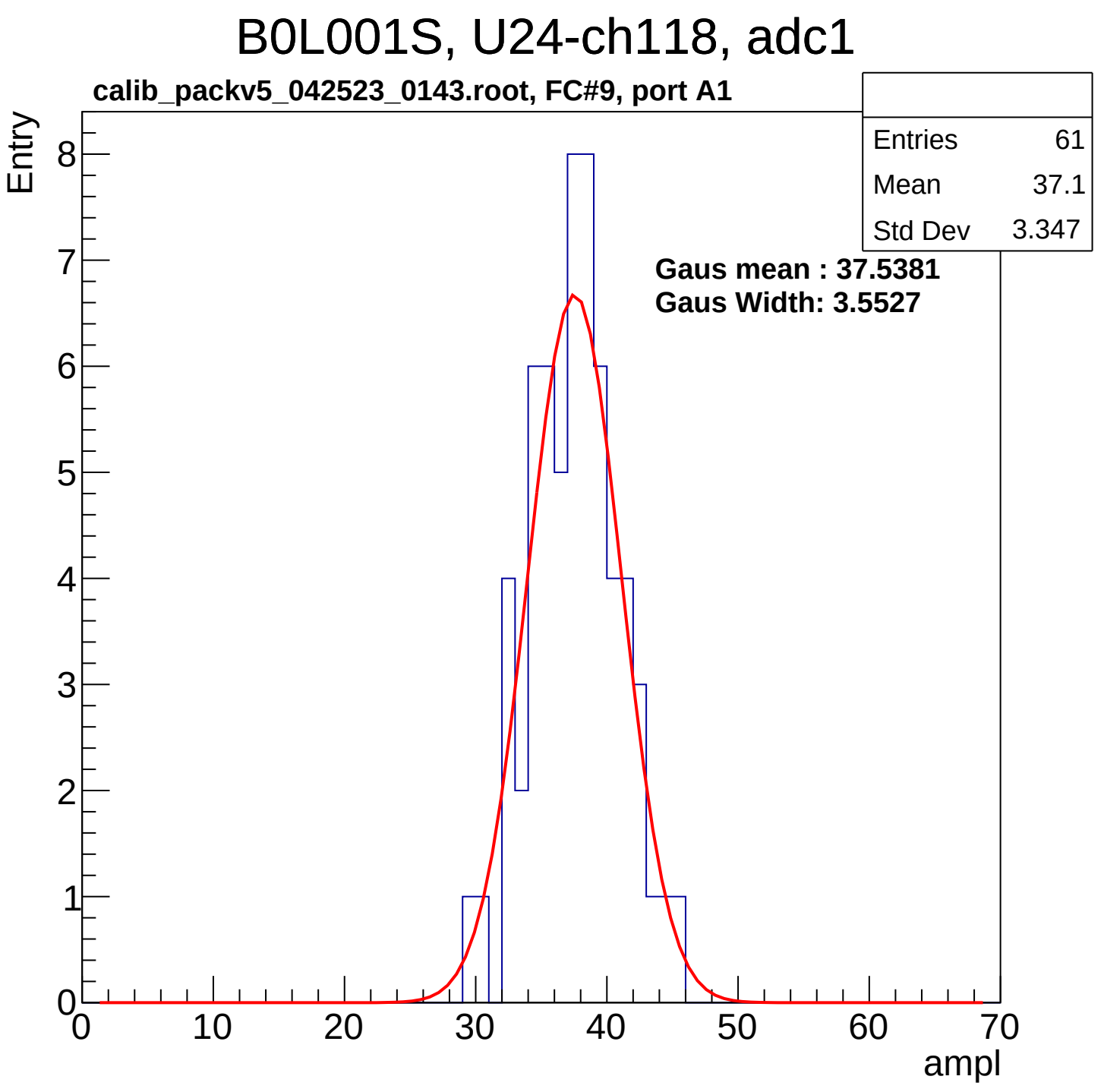
30
40
50
60
70
ampl


B0L001S, U24-ch118, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 76
Mean 29.68
Std Dev 5.989
Gaus mean : 31.1025
Gaus Width: 3.7330
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch118, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 37.1
Std Dev 3.347
Gaus mean : 37.5381
Gaus Width: 3.5527
Entry
ampl
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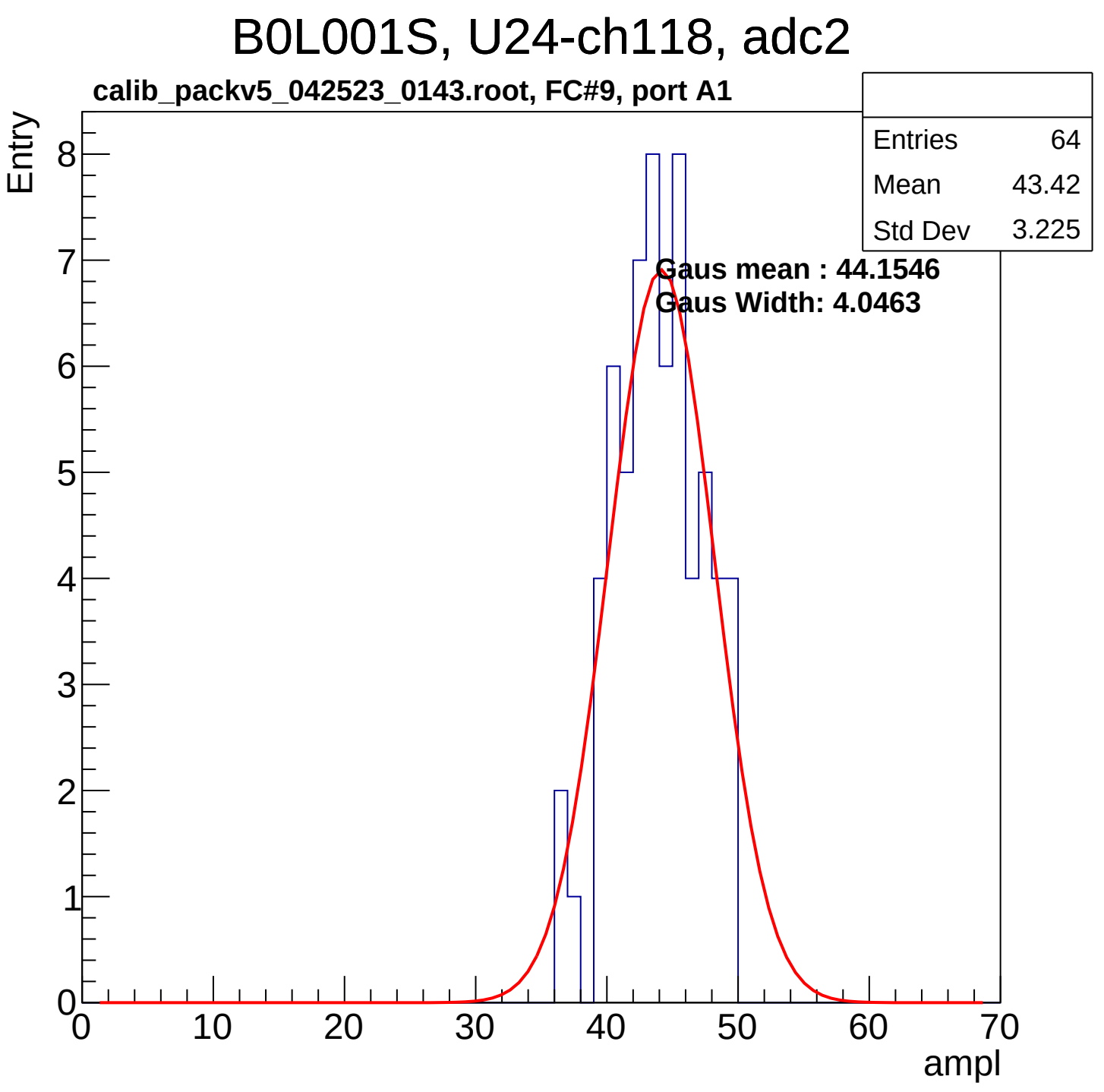
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch118, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 43.42
Std Dev 3.225
Gaus mean : 44.1546
Gaus Width: 4.0463
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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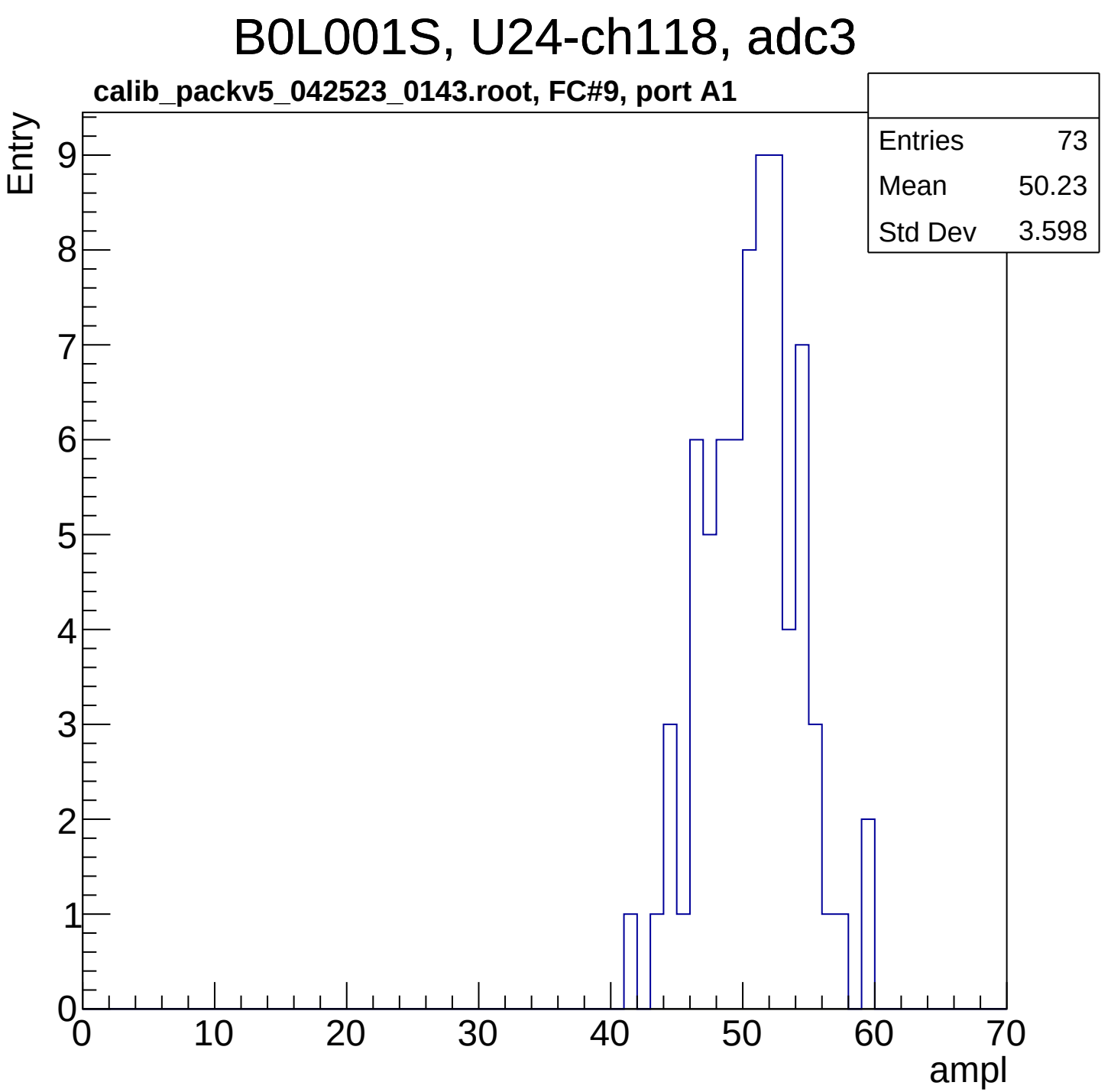
B0L001S, U24-ch118, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 50.23
Std Dev 3.598
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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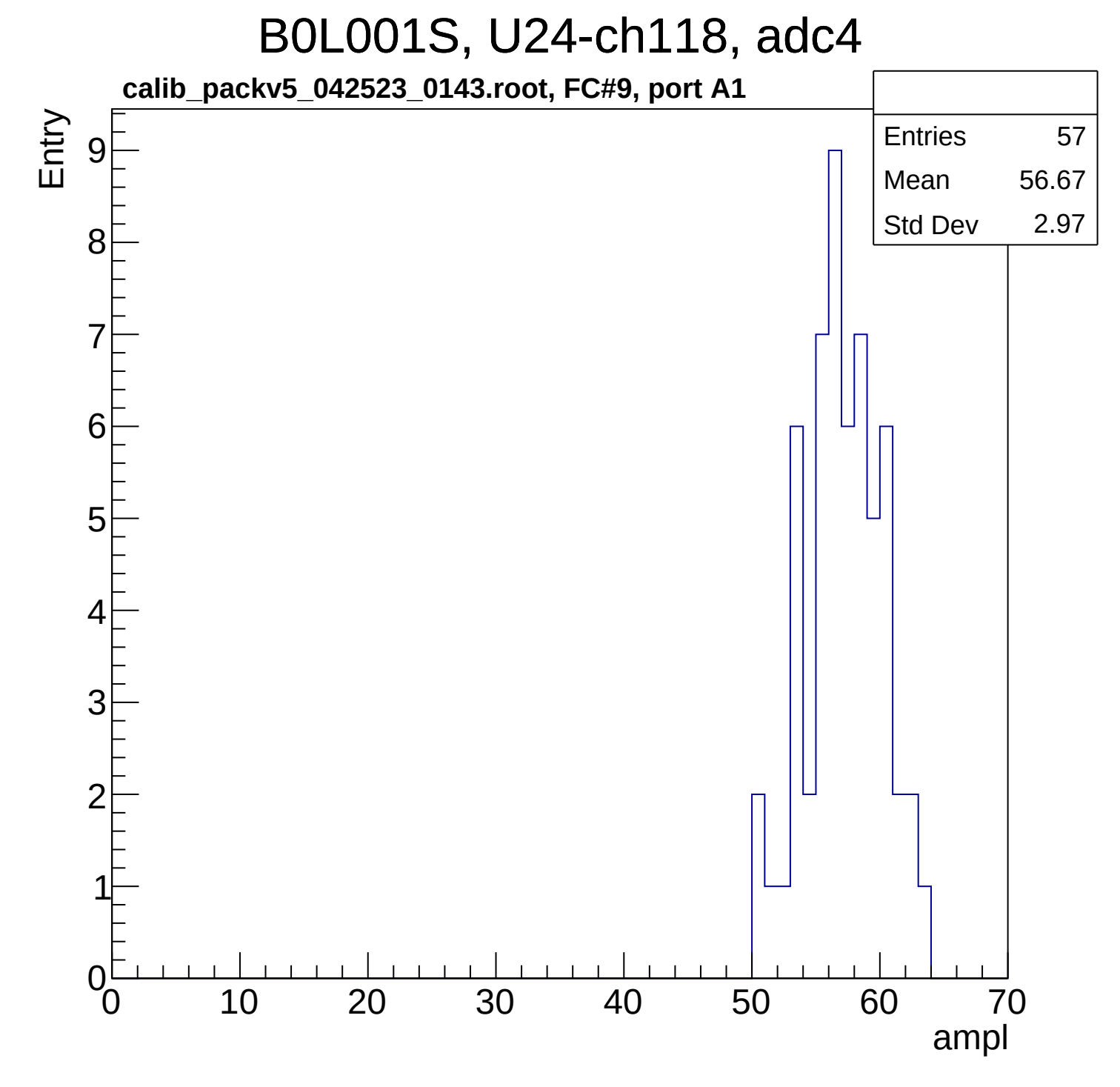
B0L001S, U24-ch118, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.67
Std Dev 2.97
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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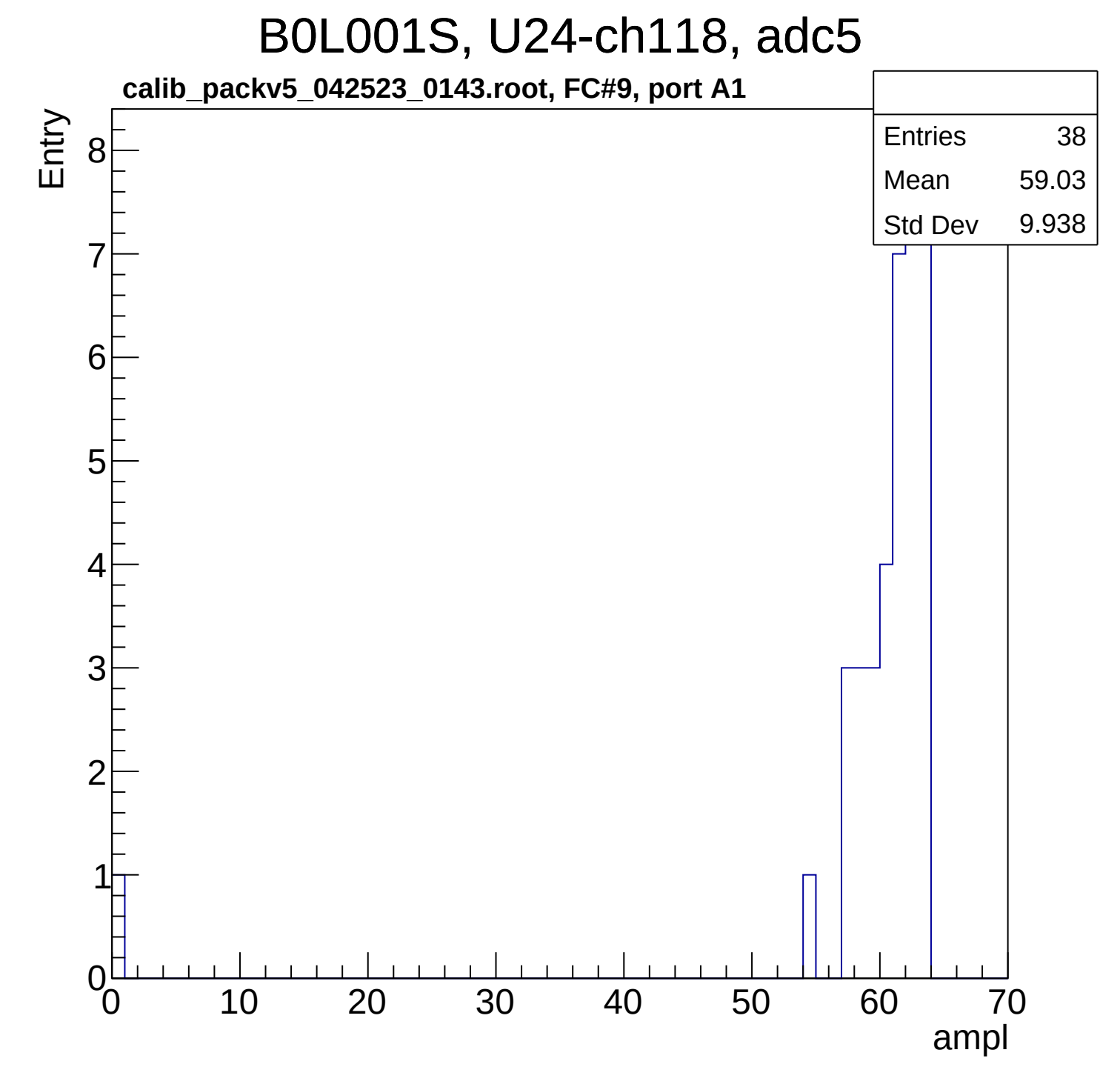
B0L001S, U24-ch118, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 38
Mean 59.03
Std Dev 9.938
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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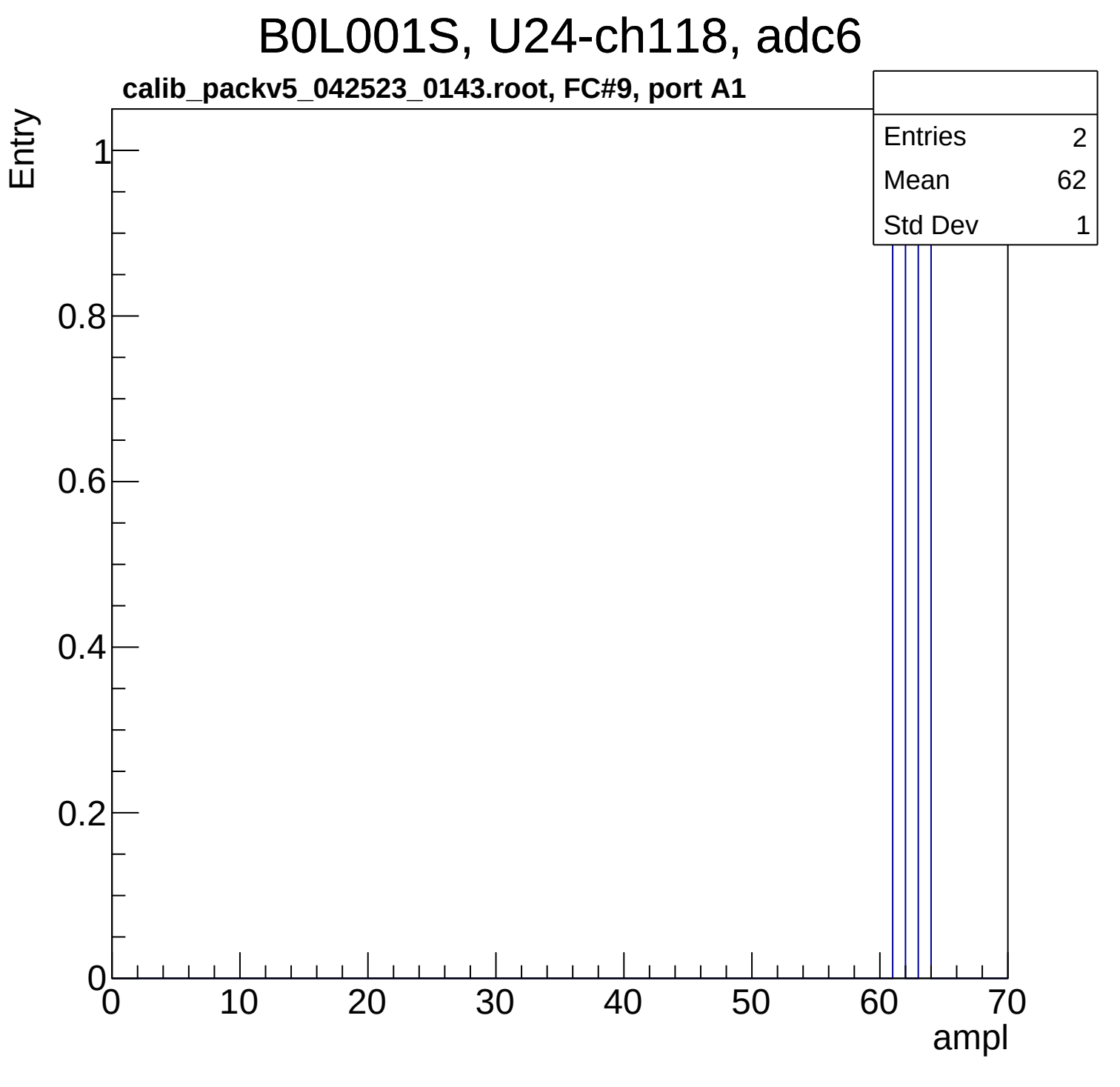
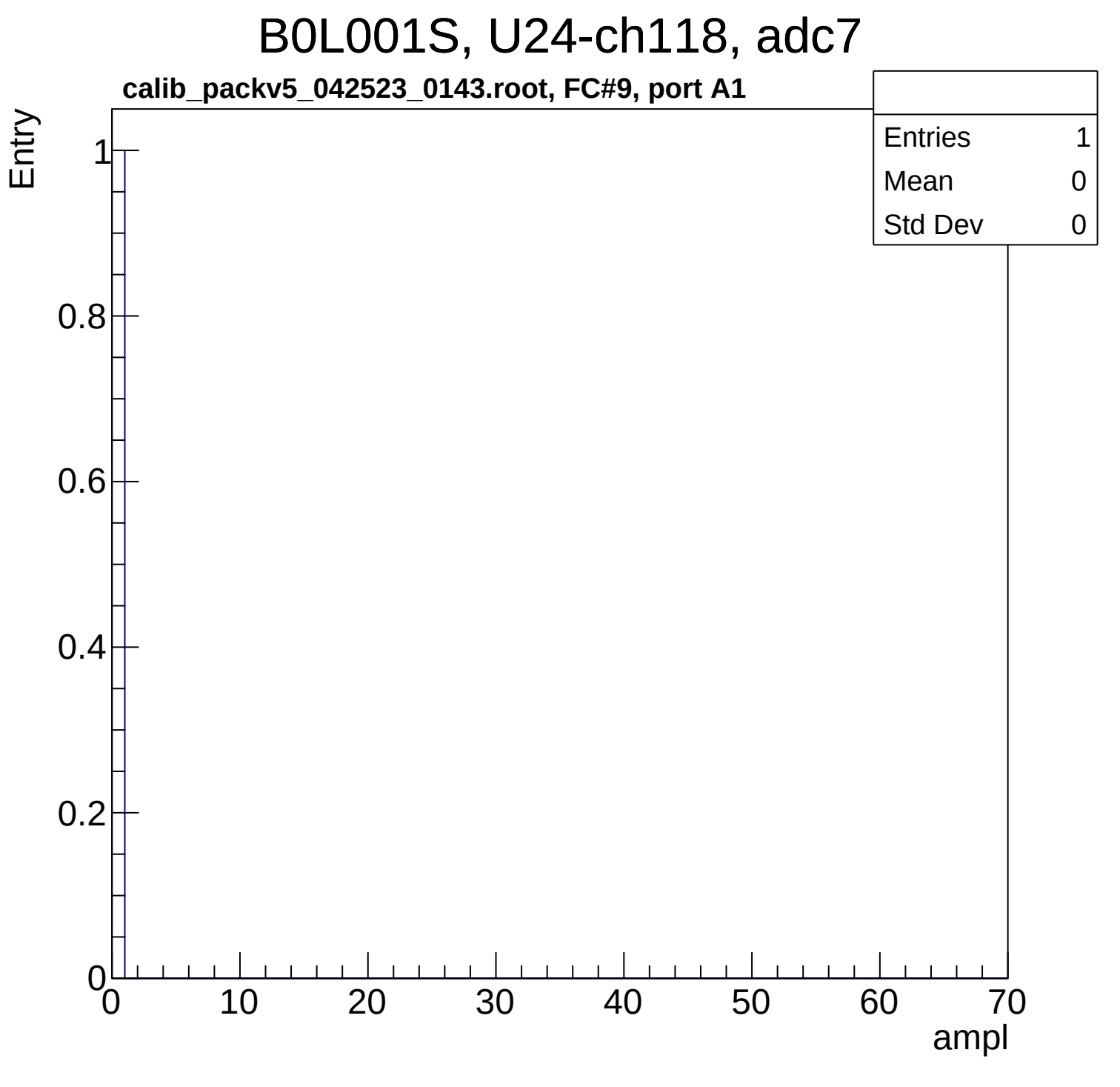
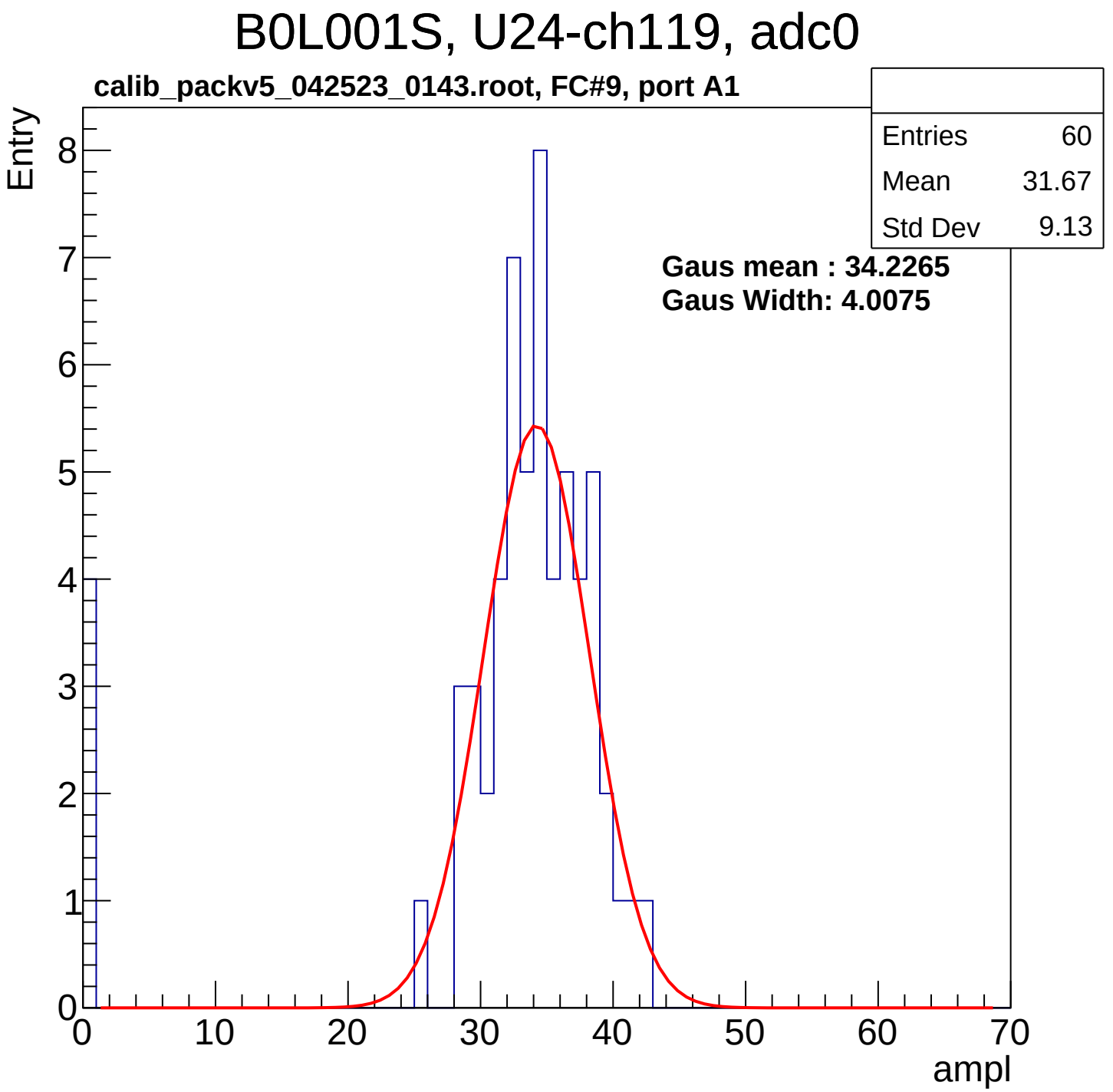

B0L001S, U24-ch118, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch118, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch119, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 31.67
Std Dev 9.13
Gaus mean : 34.2265
Gaus Width: 4.0075
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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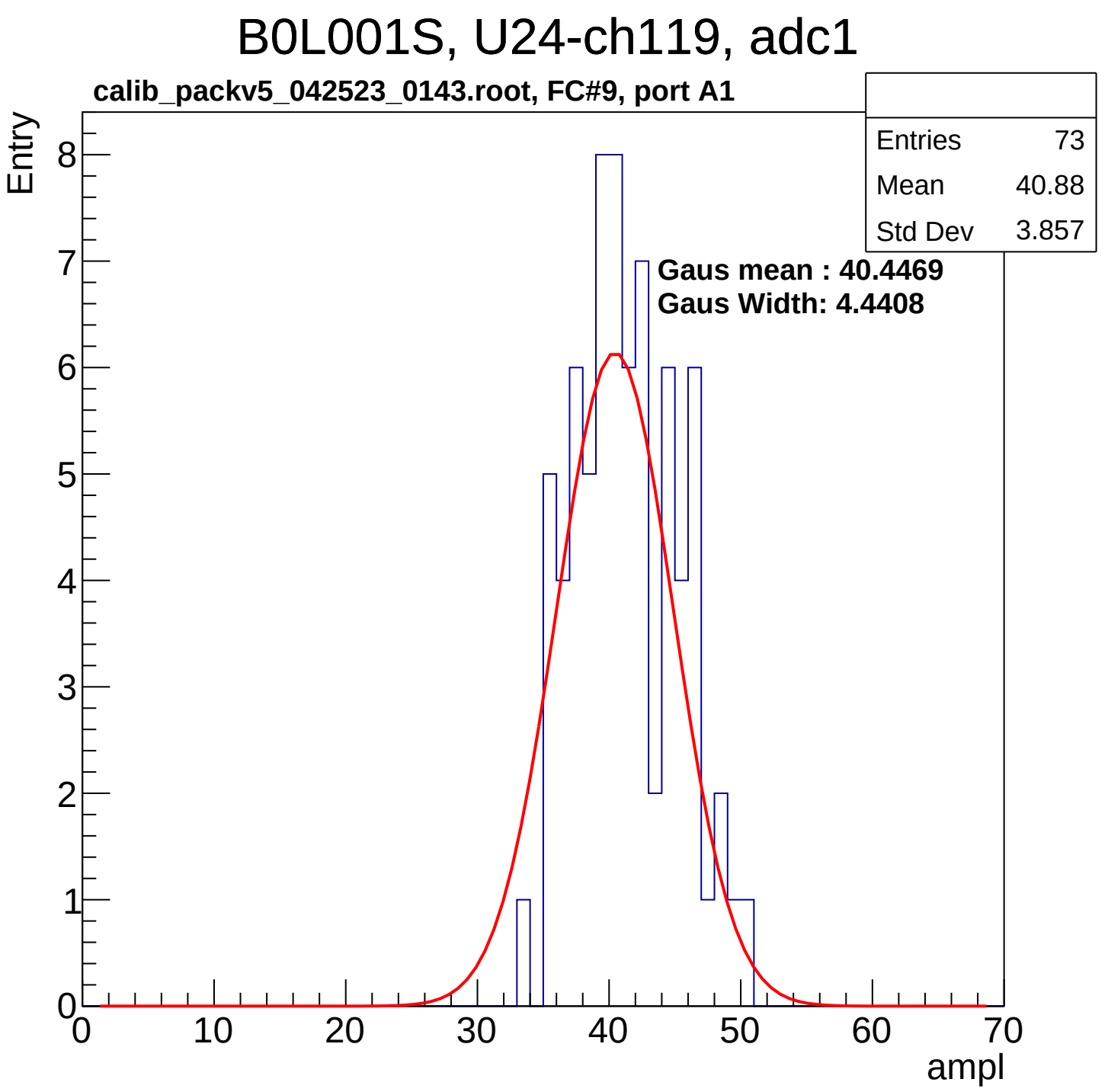
40
50
60
70


B0L001S, U24-ch119, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 73
Mean 40.88
Std Dev 3.857
Gaus mean : 40.4469
Gaus Width: 4.4408
Entry
ampl
0
1
2
3
4
5
6
7
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0
10
20
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40
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60
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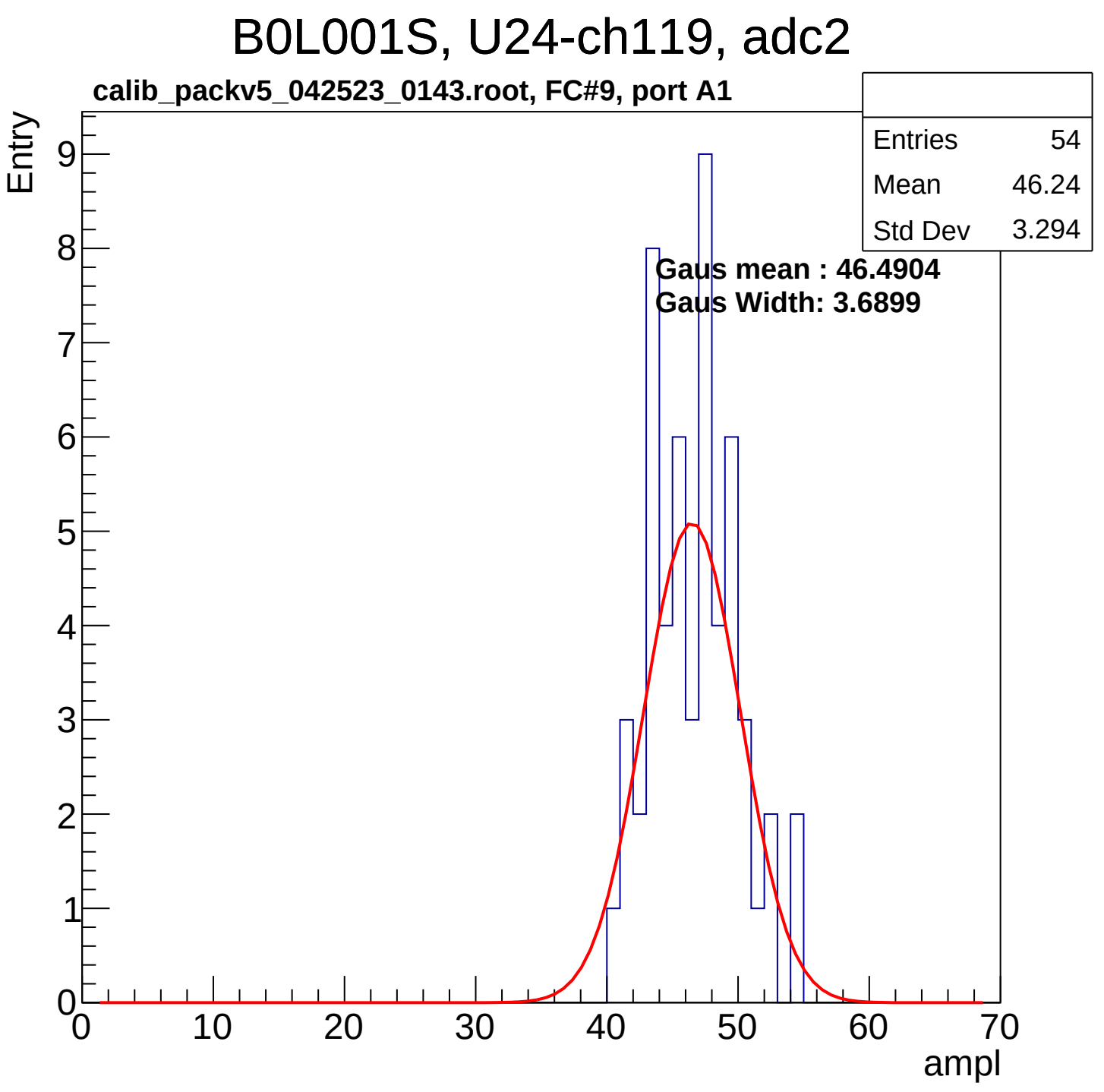
B0L001S, U24-ch119, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 54
Mean 46.24
Std Dev 3.294
Gaus mean : 46.4904
Gaus Width: 3.6899
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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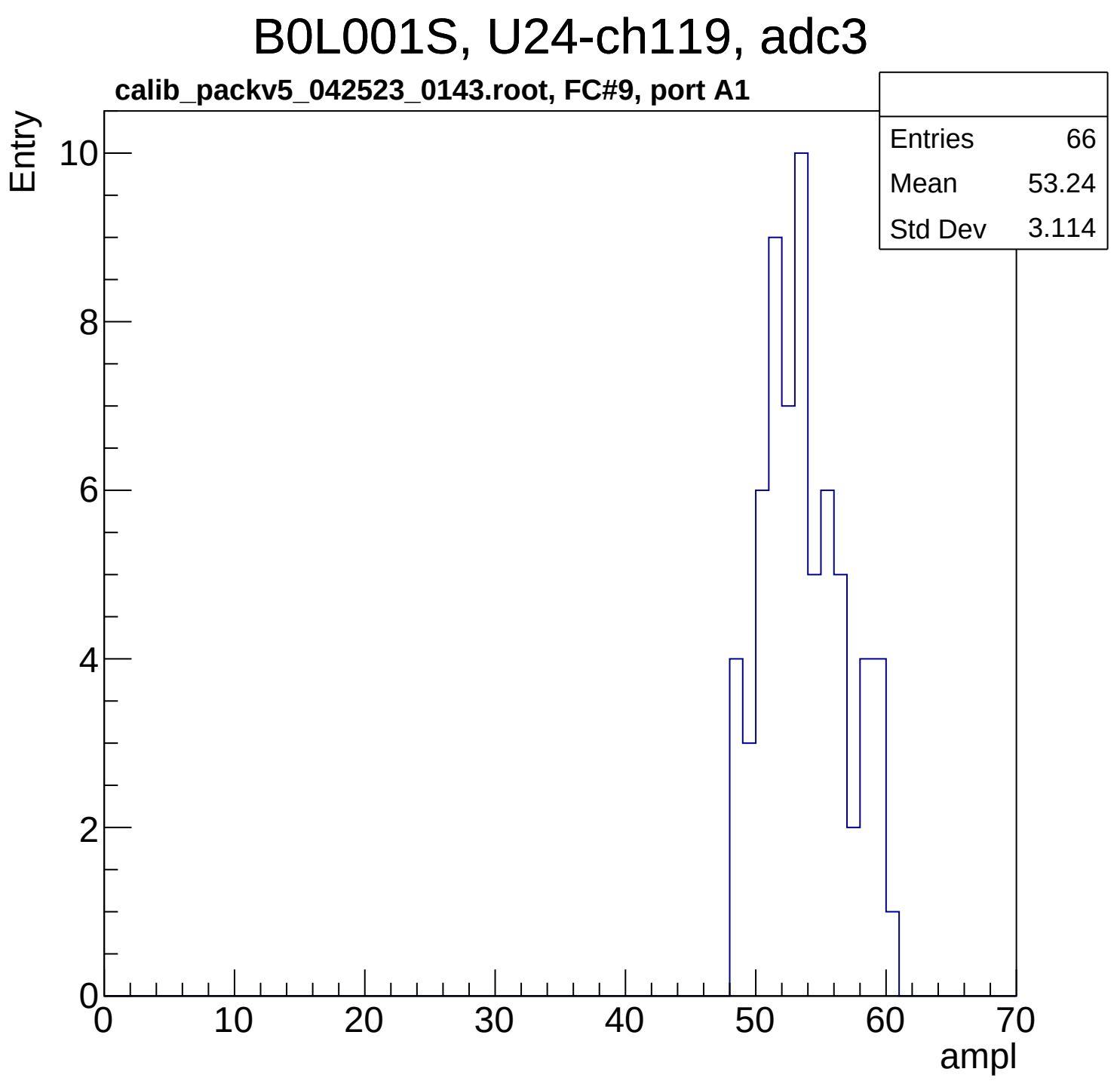
B0L001S, U24-ch119, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 53.24
Std Dev 3.114
Entry
ampl
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4
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10
0
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20
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40
50
60
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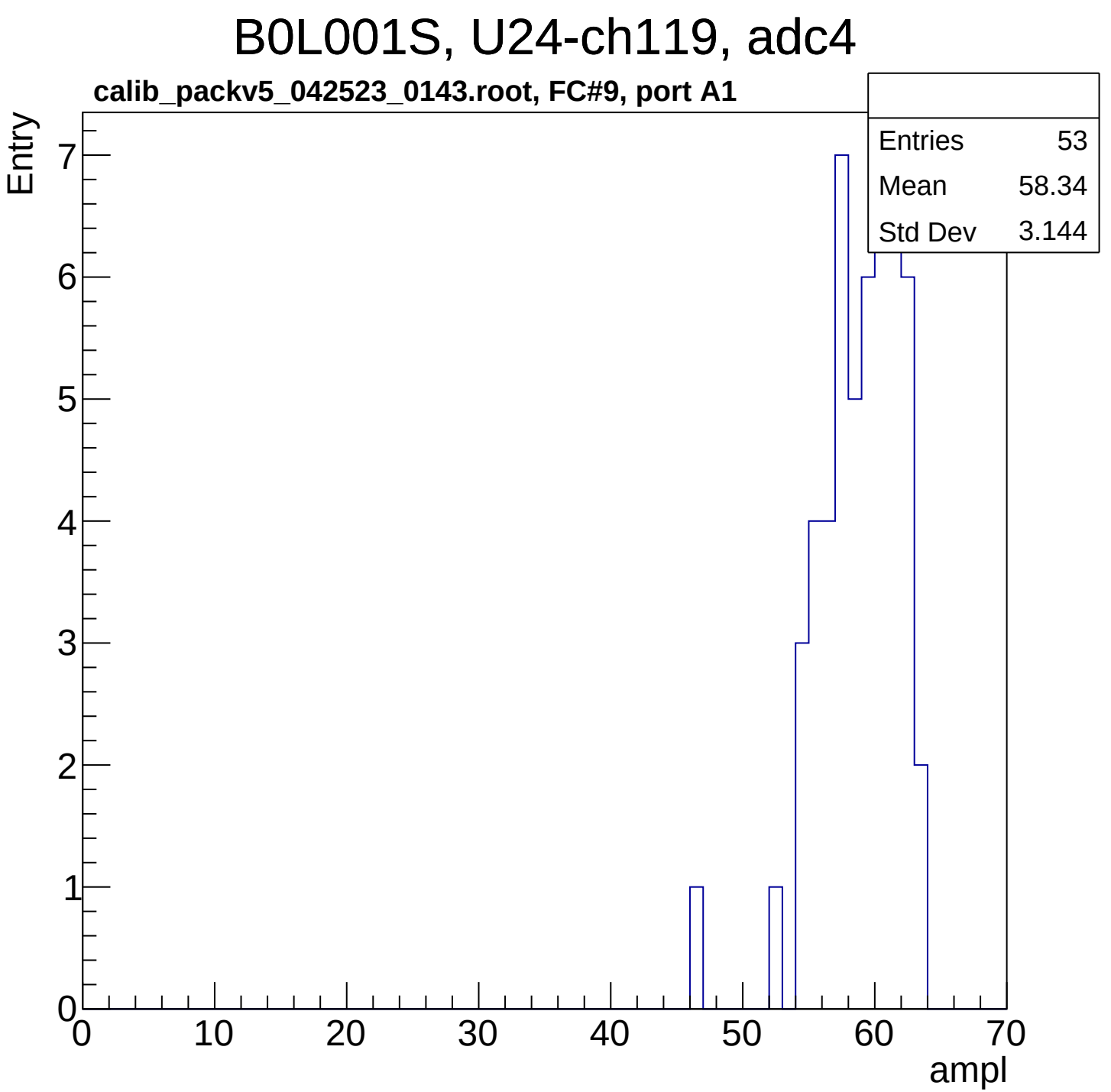
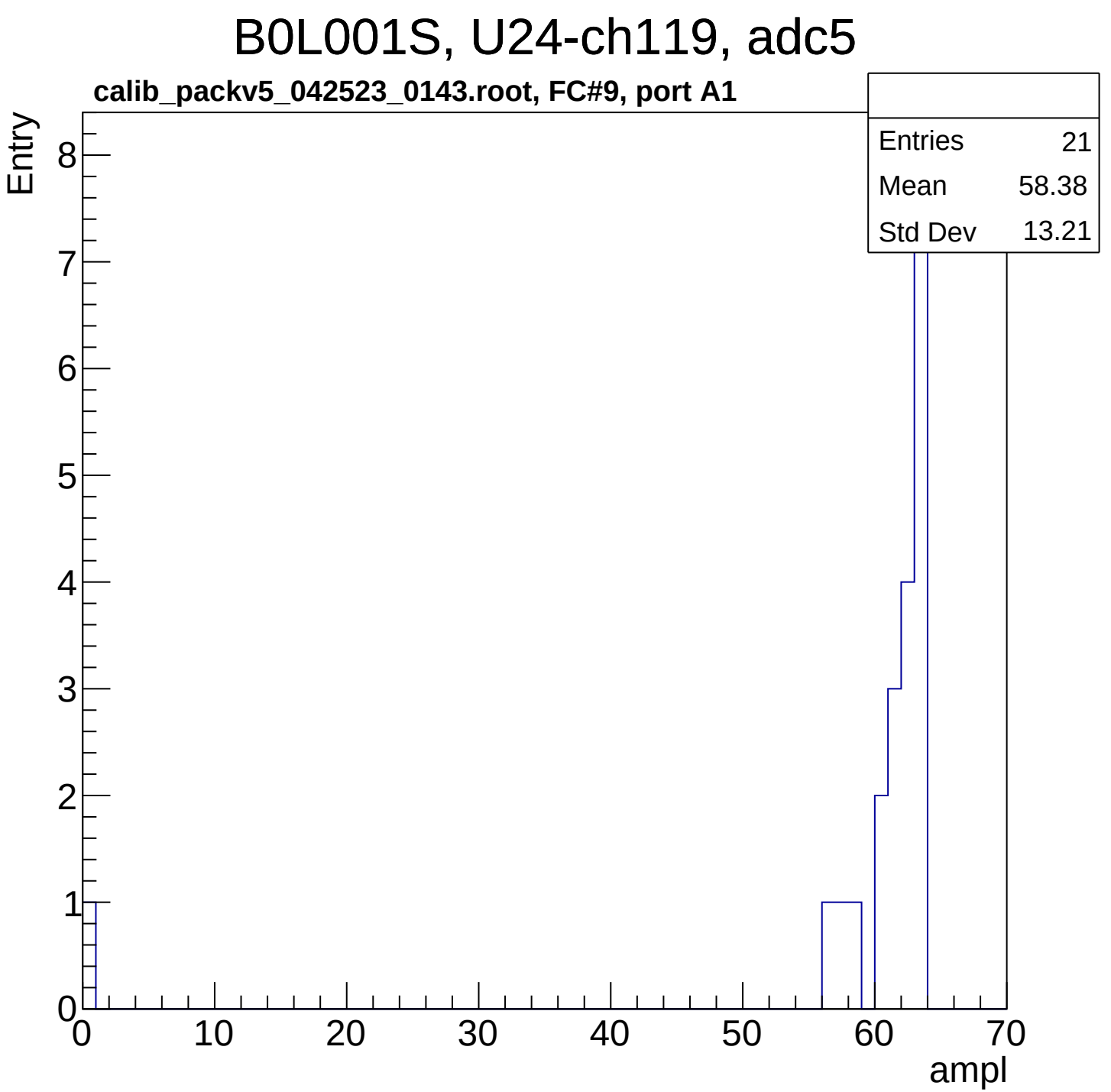

B0L001S, U24-ch119, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 58.34
Std Dev 3.144
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch119, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 21
Mean 58.38
Std Dev 13.21
Entry
ampl
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5
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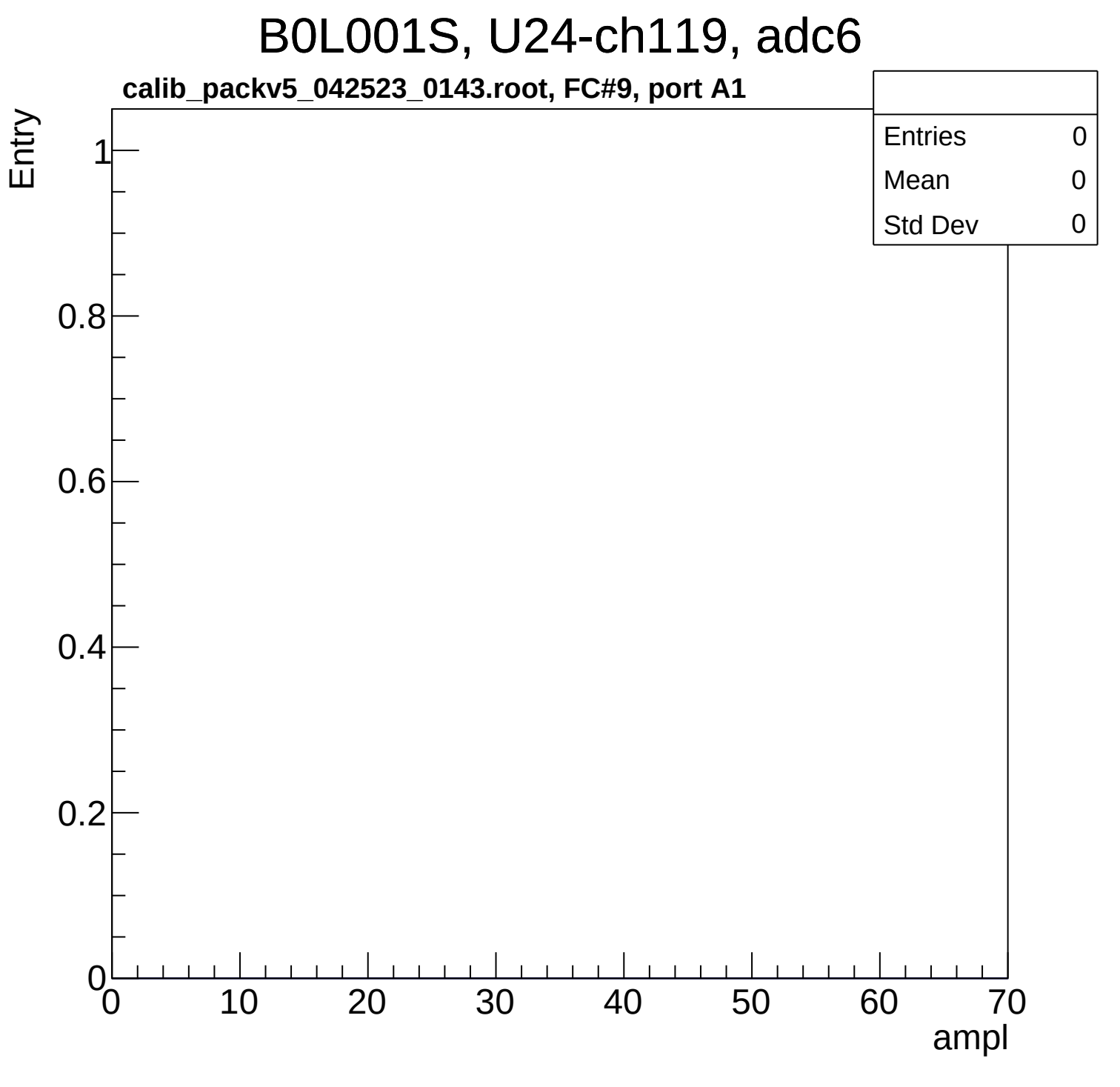
B0L001S, U24-ch119, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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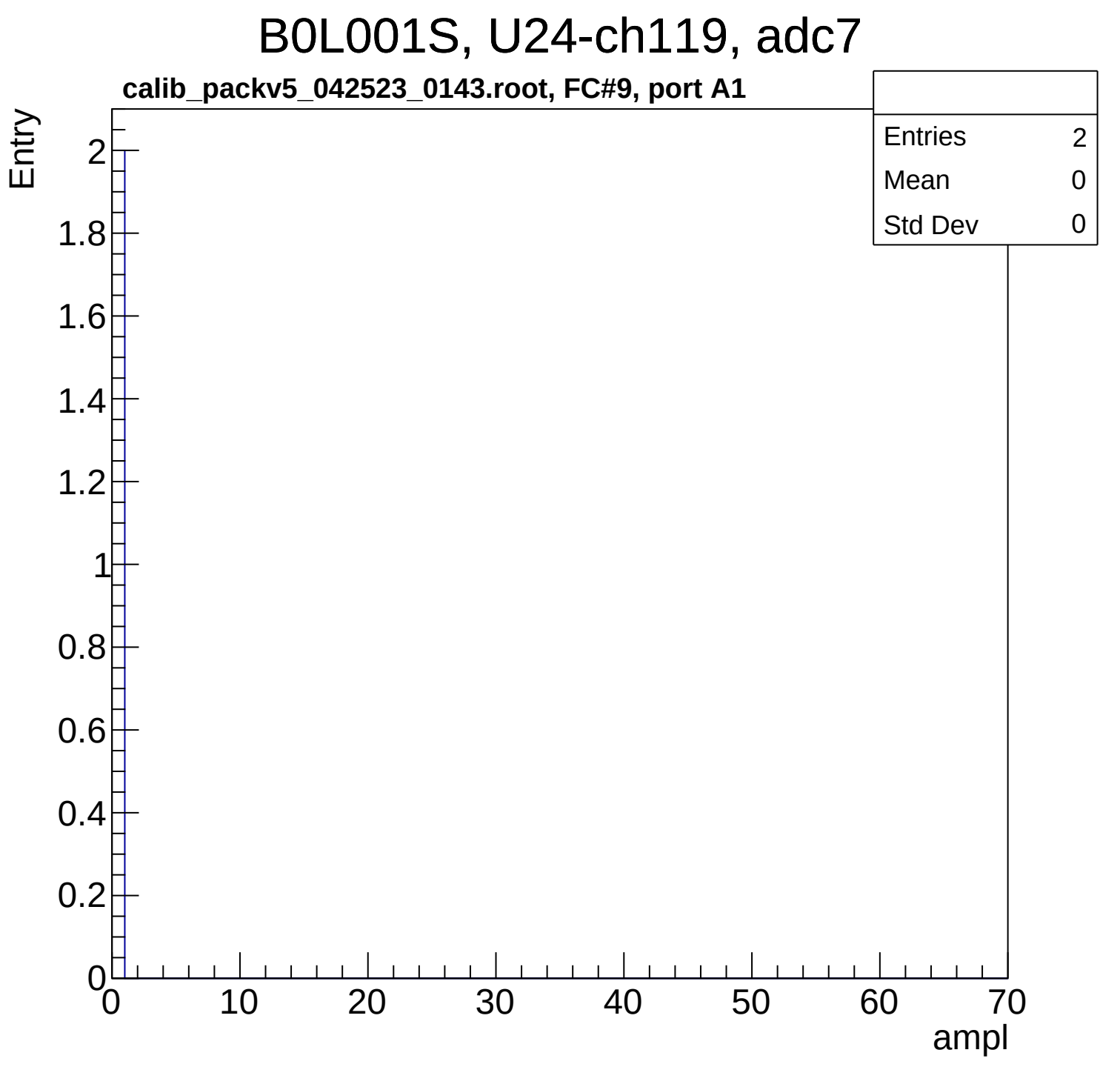
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch119, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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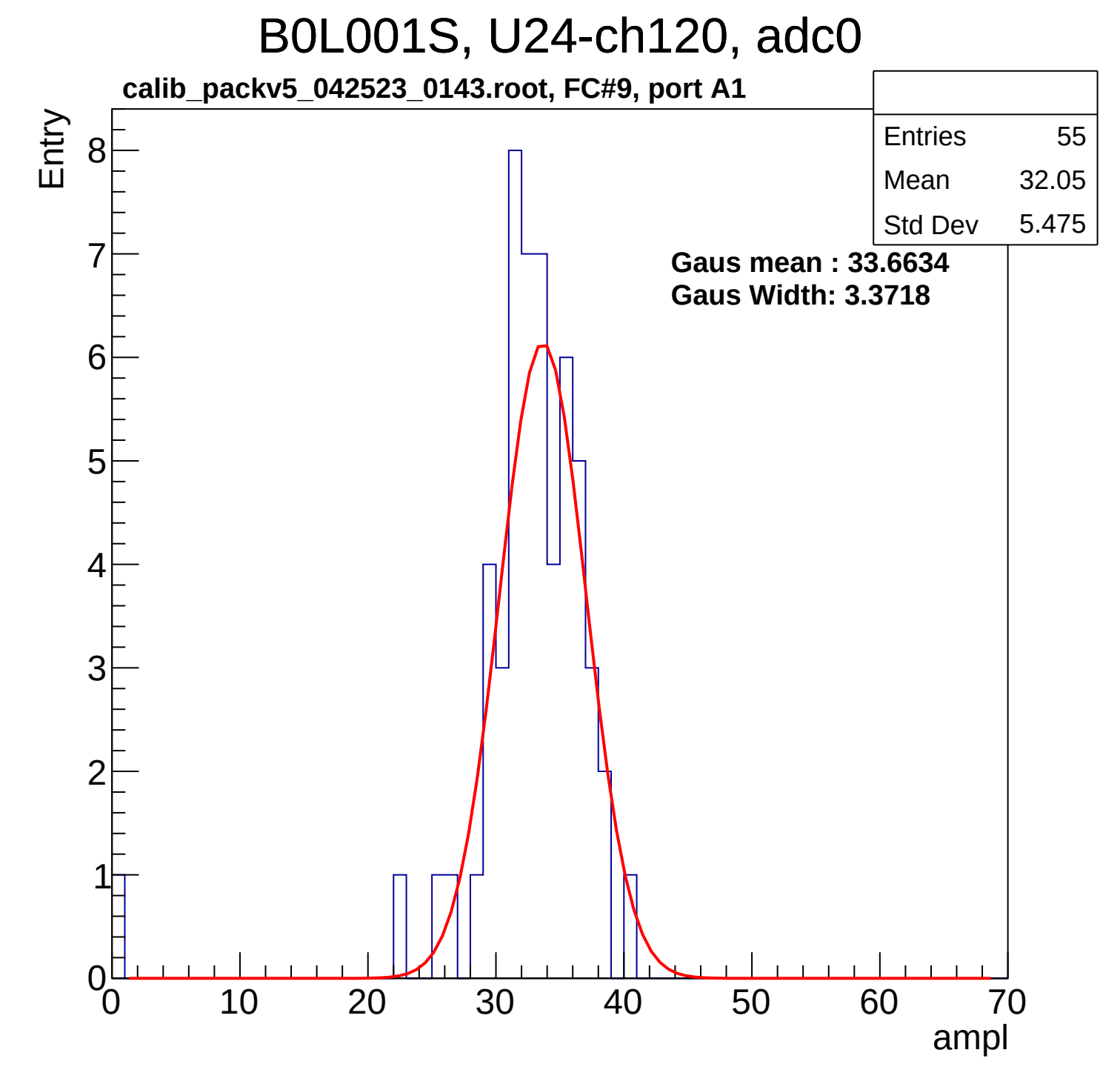
B0L001S, U24-ch120, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 55
Mean 32.05
Std Dev 5.475
Gaus mean : 33.6634
Gaus Width: 3.3718
Entry
ampl
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2
3
4
5
6
7
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0
10
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40
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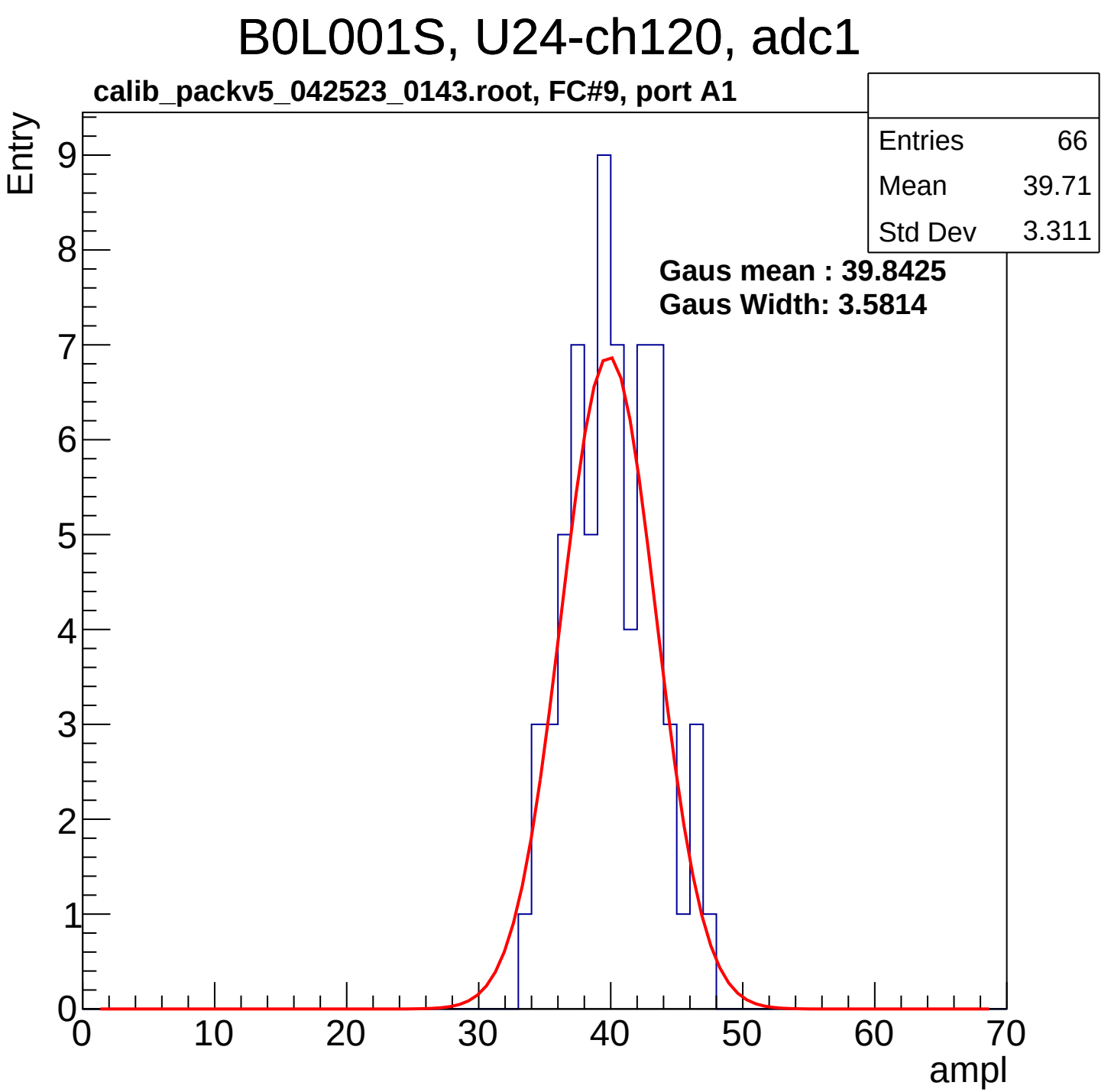
B0L001S, U24-ch120, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 39.71
Std Dev 3.311
Gaus mean : 39.8425
Gaus Width: 3.5814
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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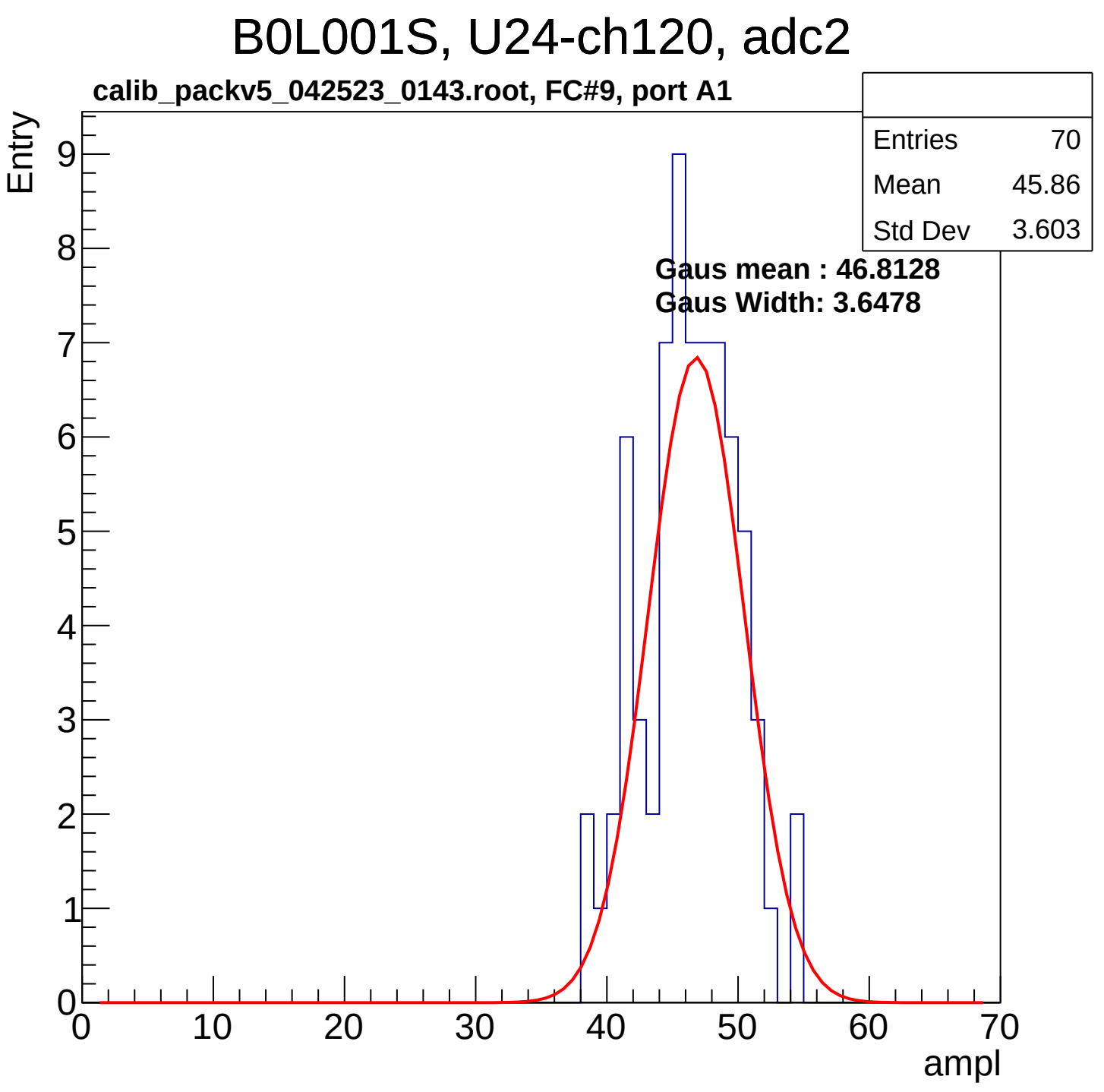
B0L001S, U24-ch120, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 45.86
Std Dev 3.603
Gaus mean : 46.8128
Gaus Width: 3.6478
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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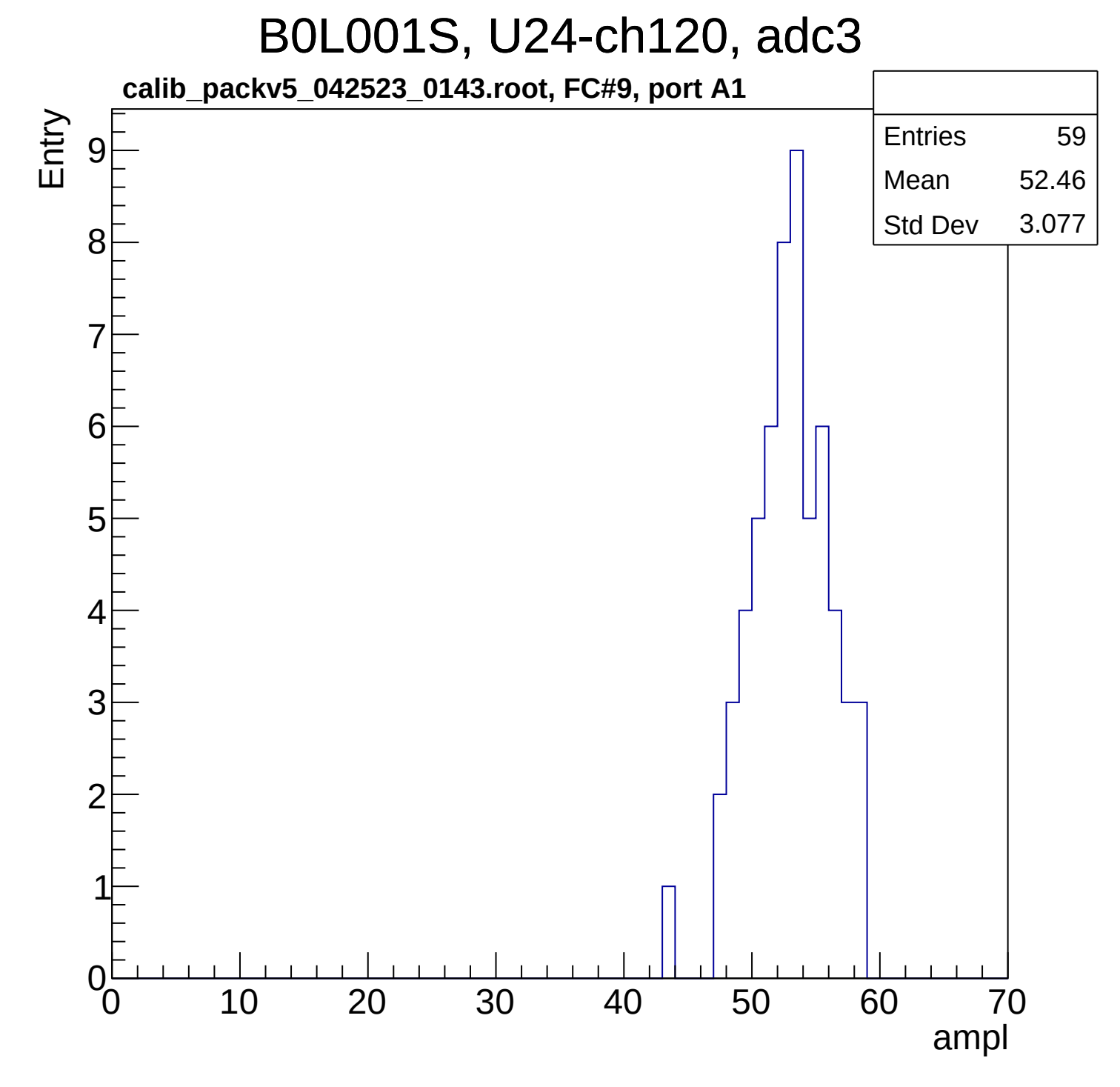
B0L001S, U24-ch120, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 52.46
Std Dev 3.077
Entry
ampl
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2
3
4
5
6
7
8
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0
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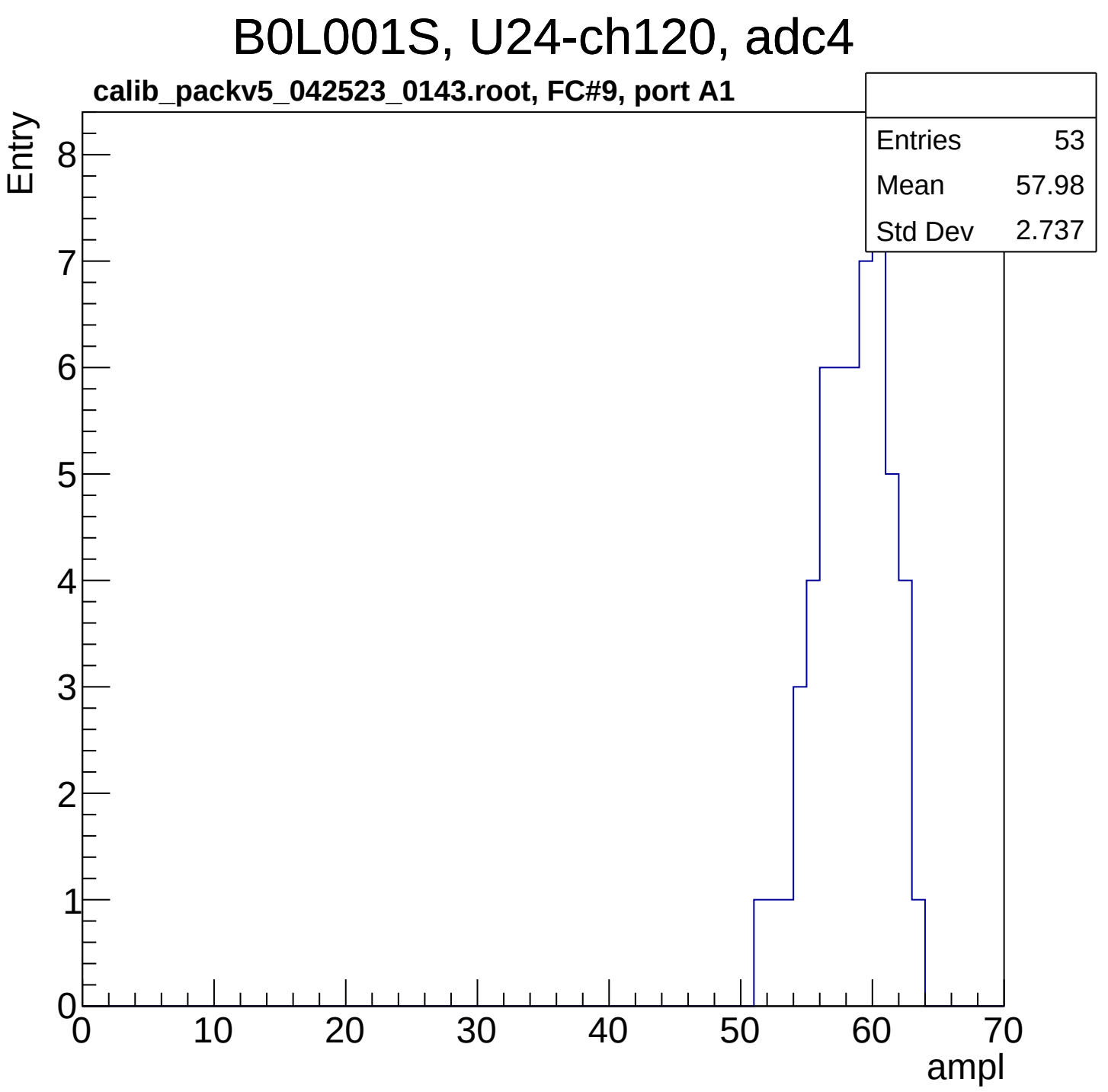
B0L001S, U24-ch120, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 57.98
Std Dev 2.737
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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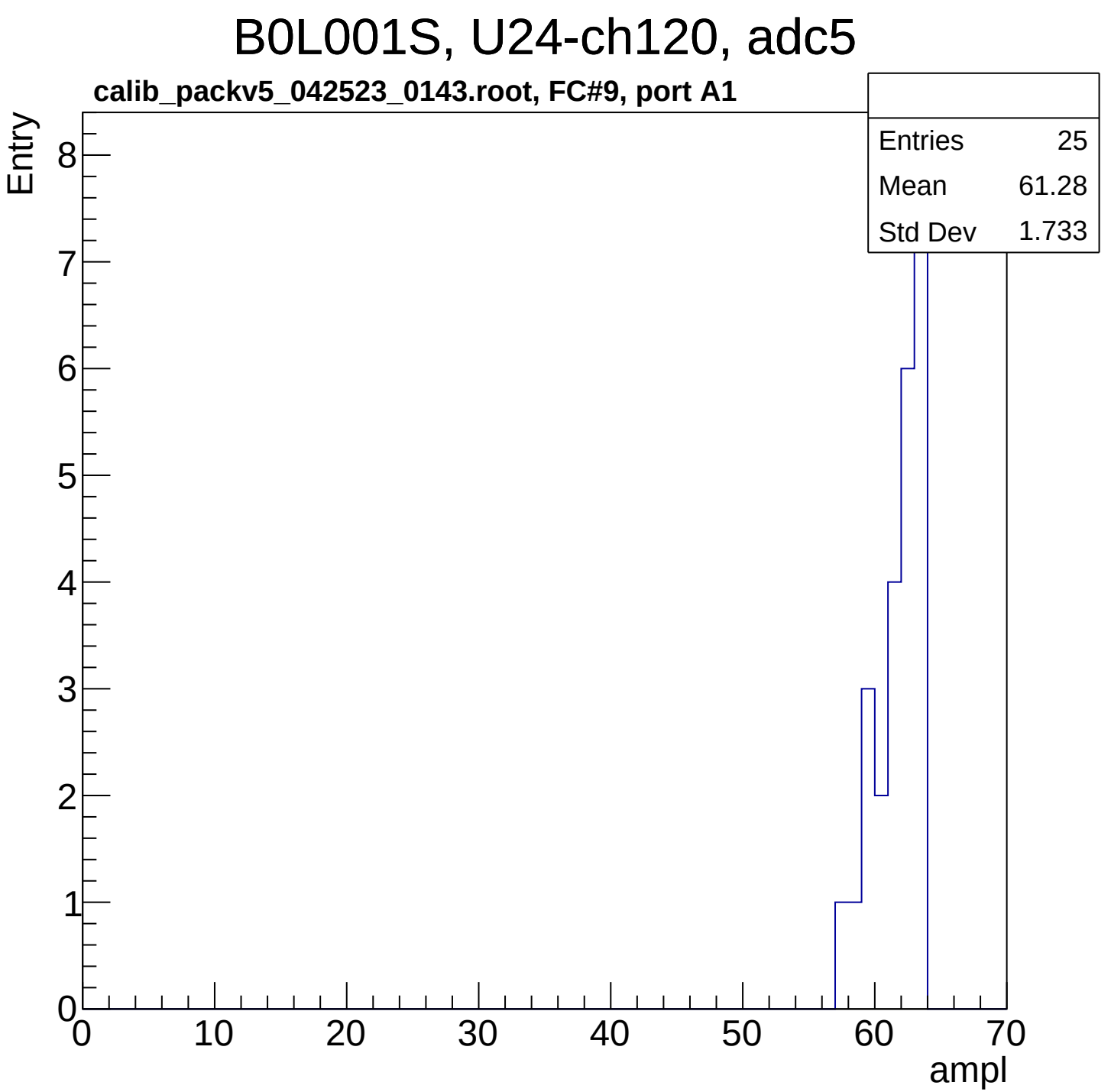
B0L001S, U24-ch120, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 25
Mean 61.28
Std Dev 1.733
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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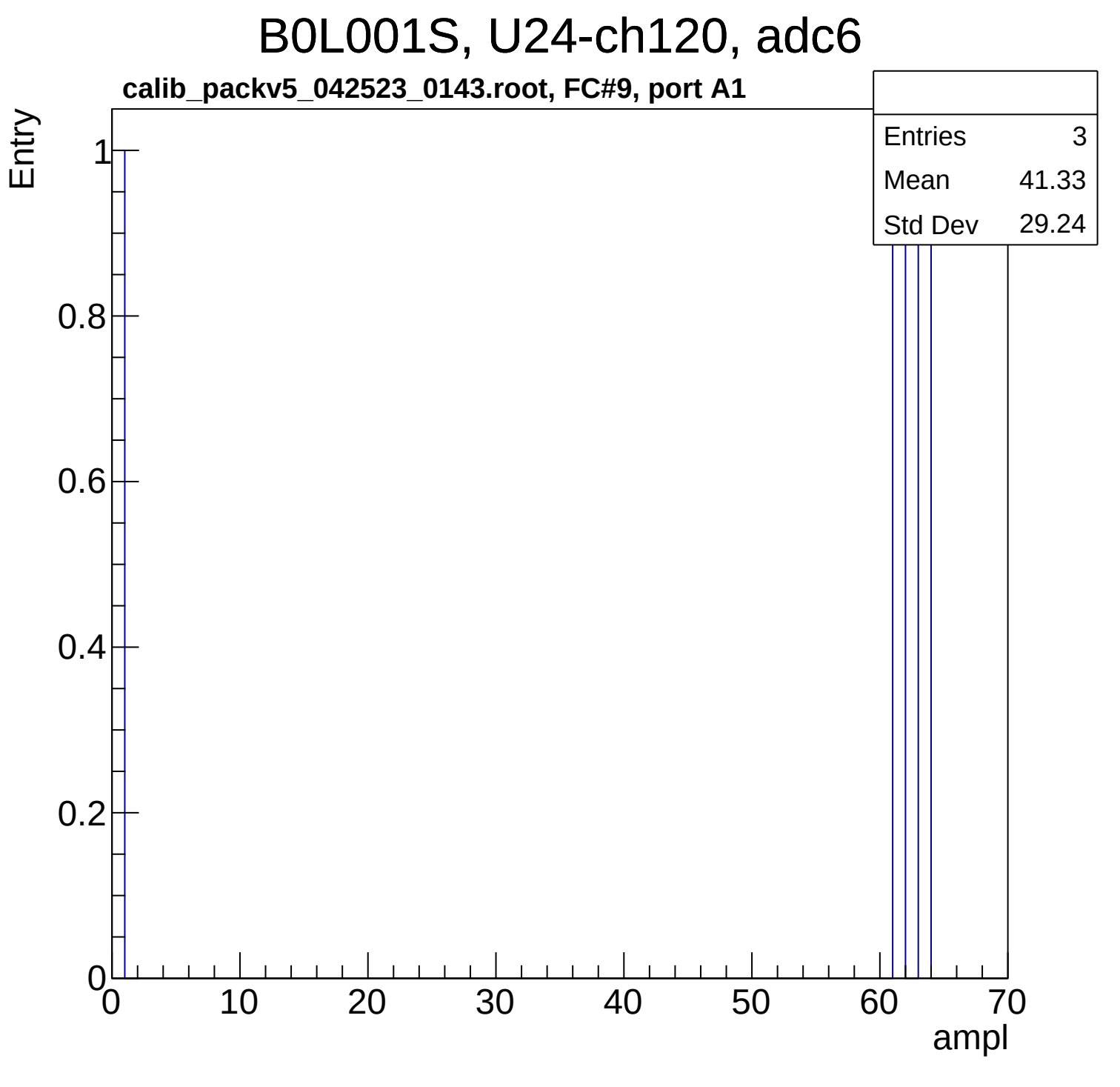
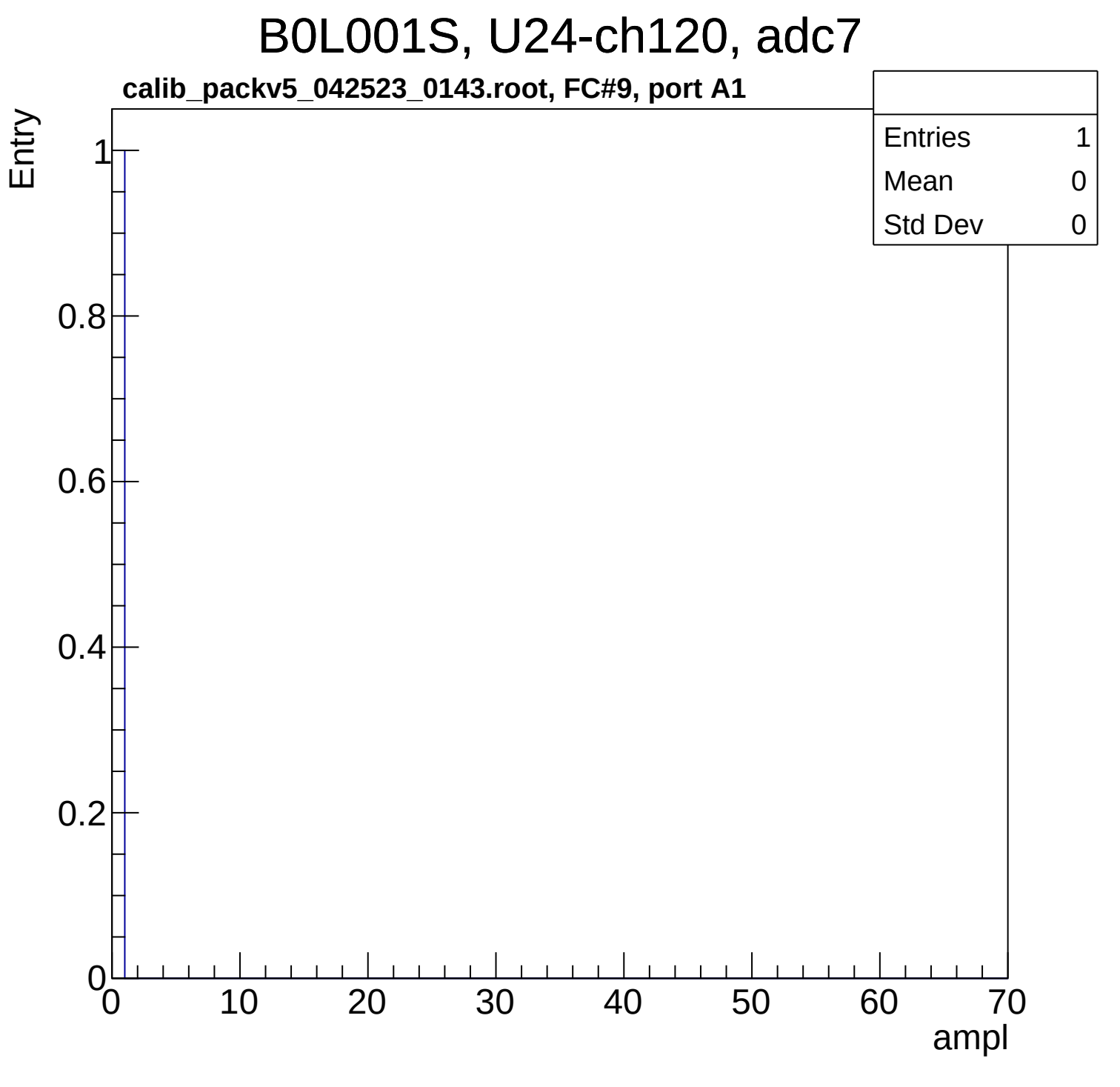
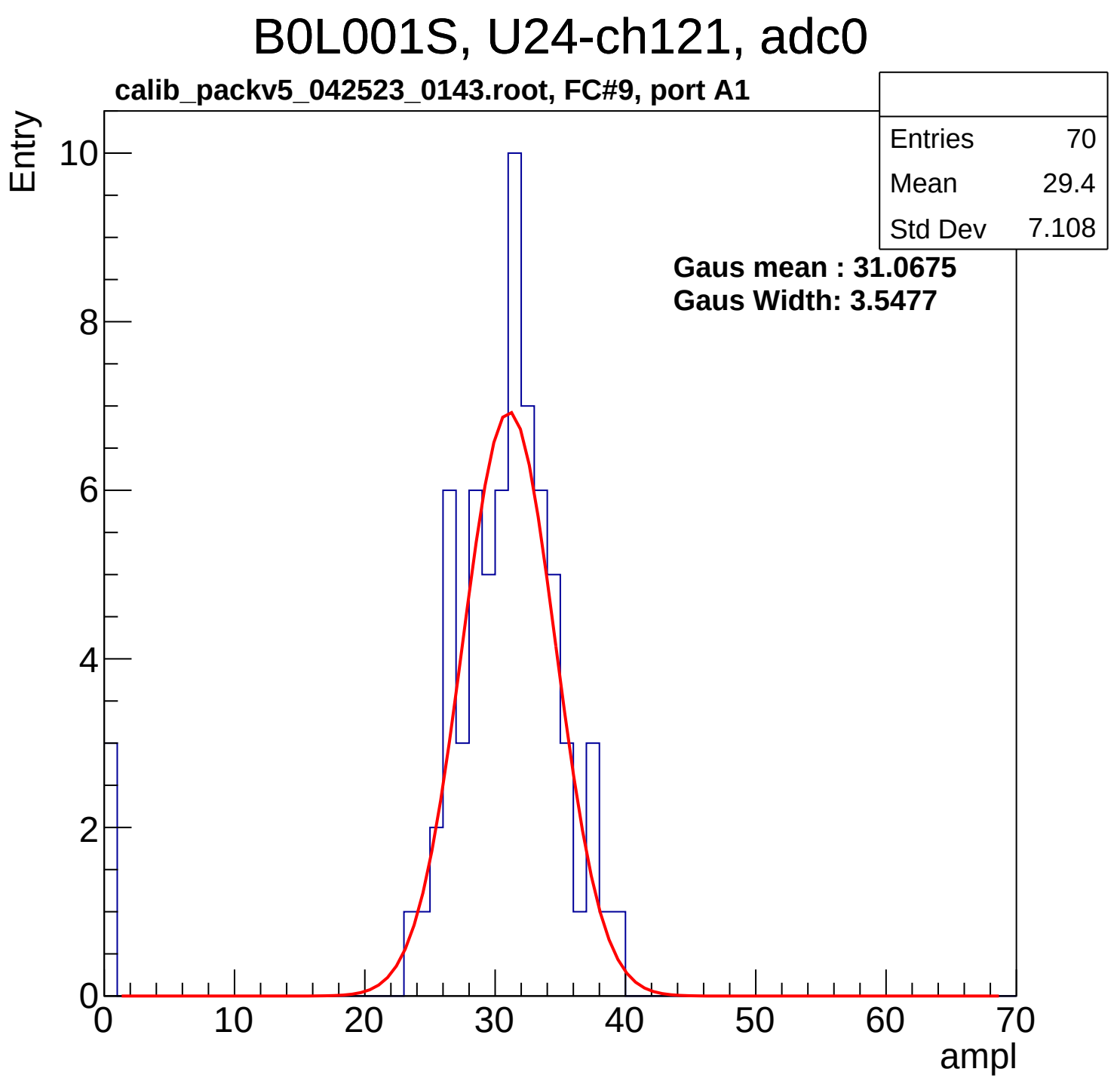
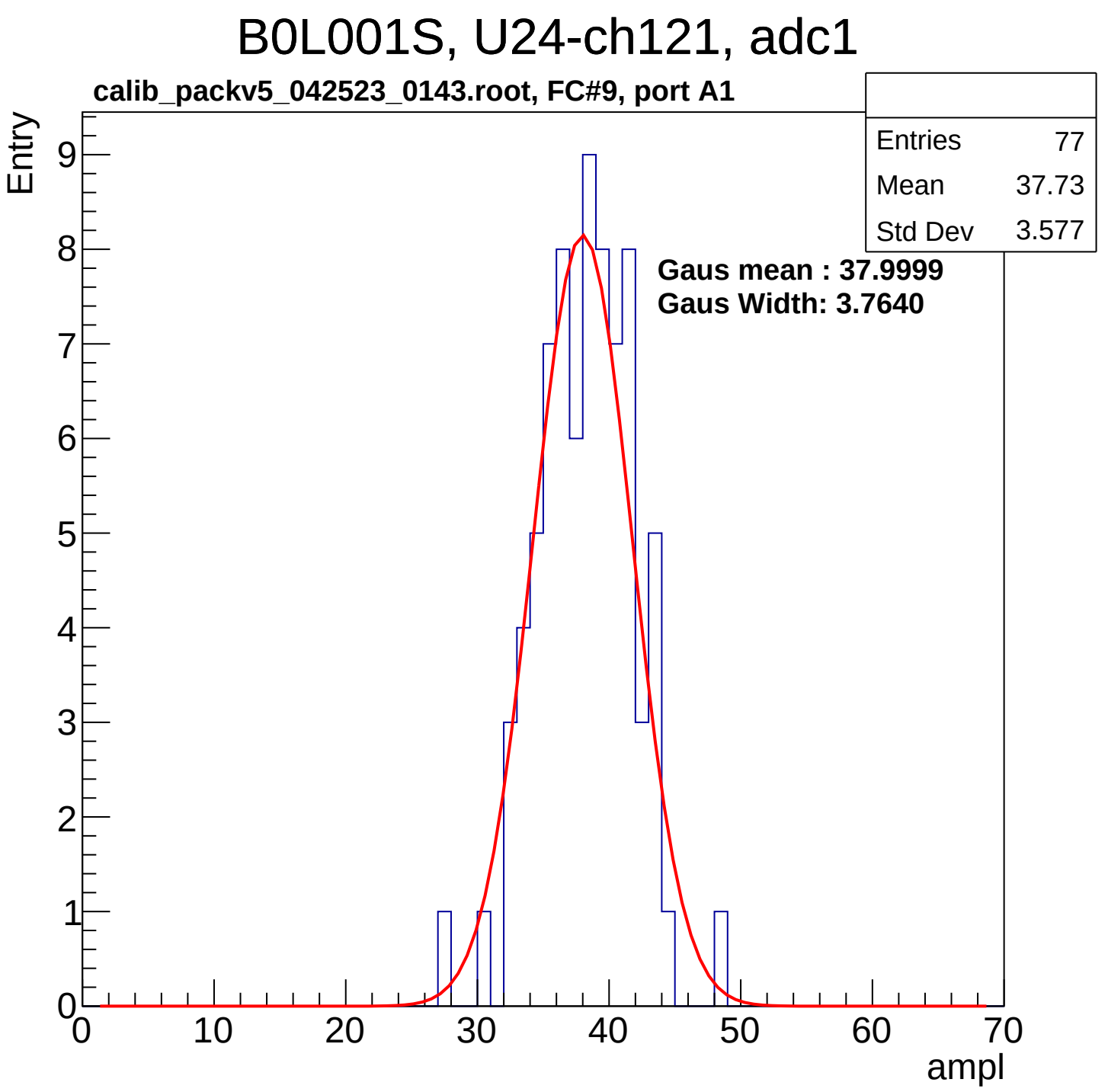

B0L001S, U24-ch120, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 41.33
Std Dev 29.24
Entry
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch120, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch121, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 29.4
Std Dev 7.108
Gaus mean : 31.0675
Gaus Width: 3.5477
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch121, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 37.73
Std Dev 3.577
Gaus mean : 37.9999
Gaus Width: 3.7640
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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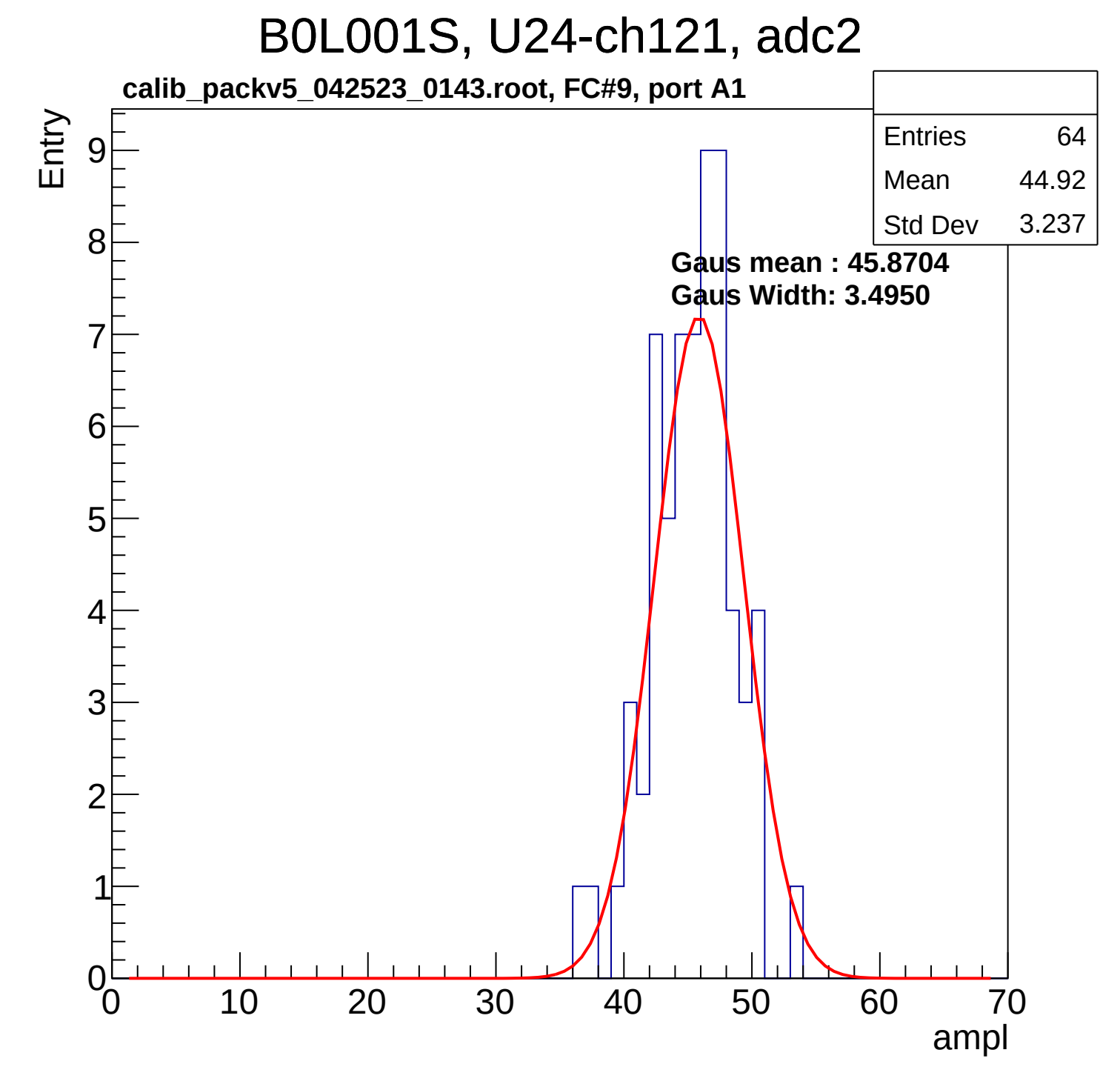
B0L001S, U24-ch121, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 44.92
Std Dev 3.237
Gaus mean : 45.8704
Gaus Width: 3.4950
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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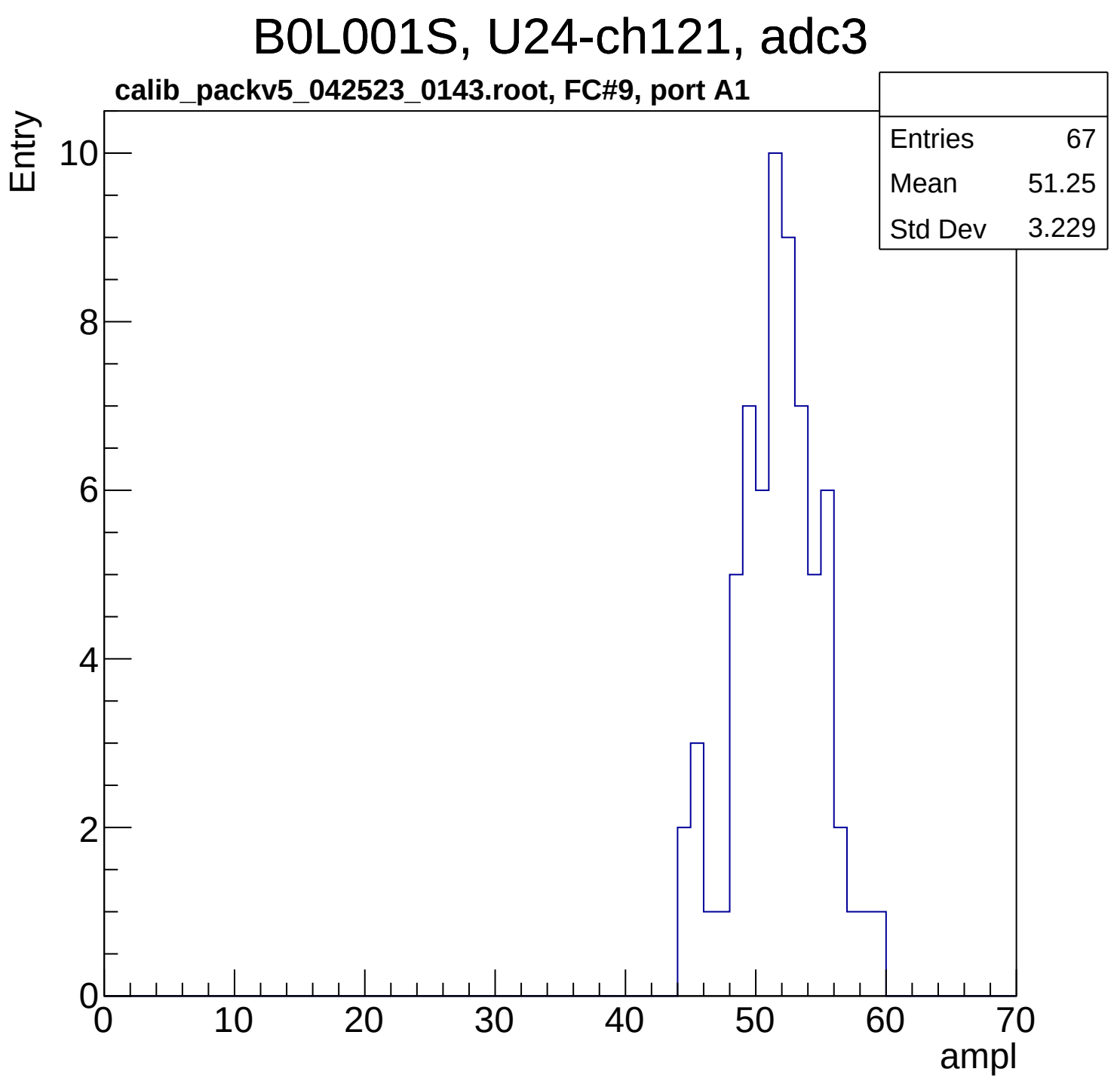
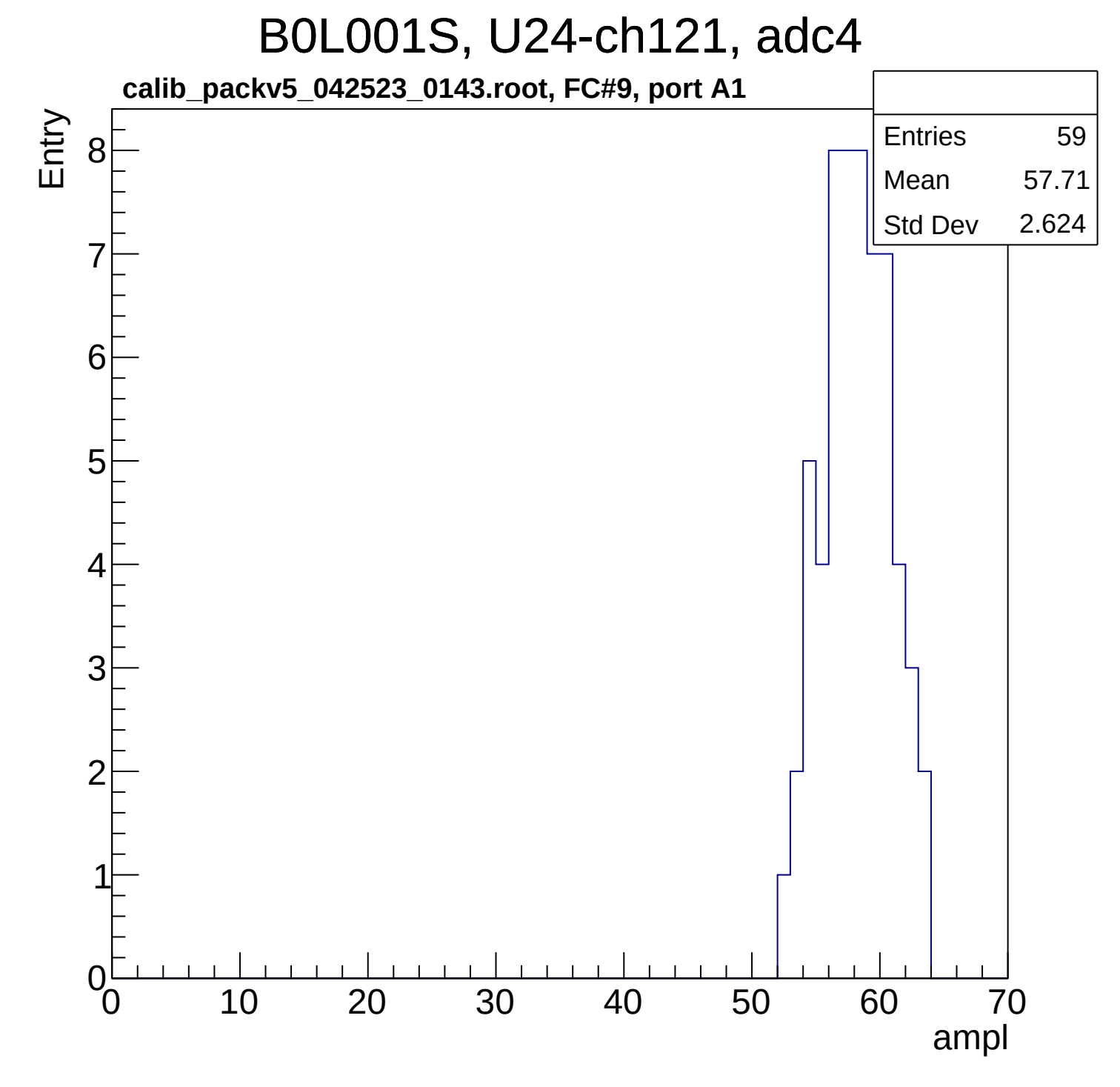
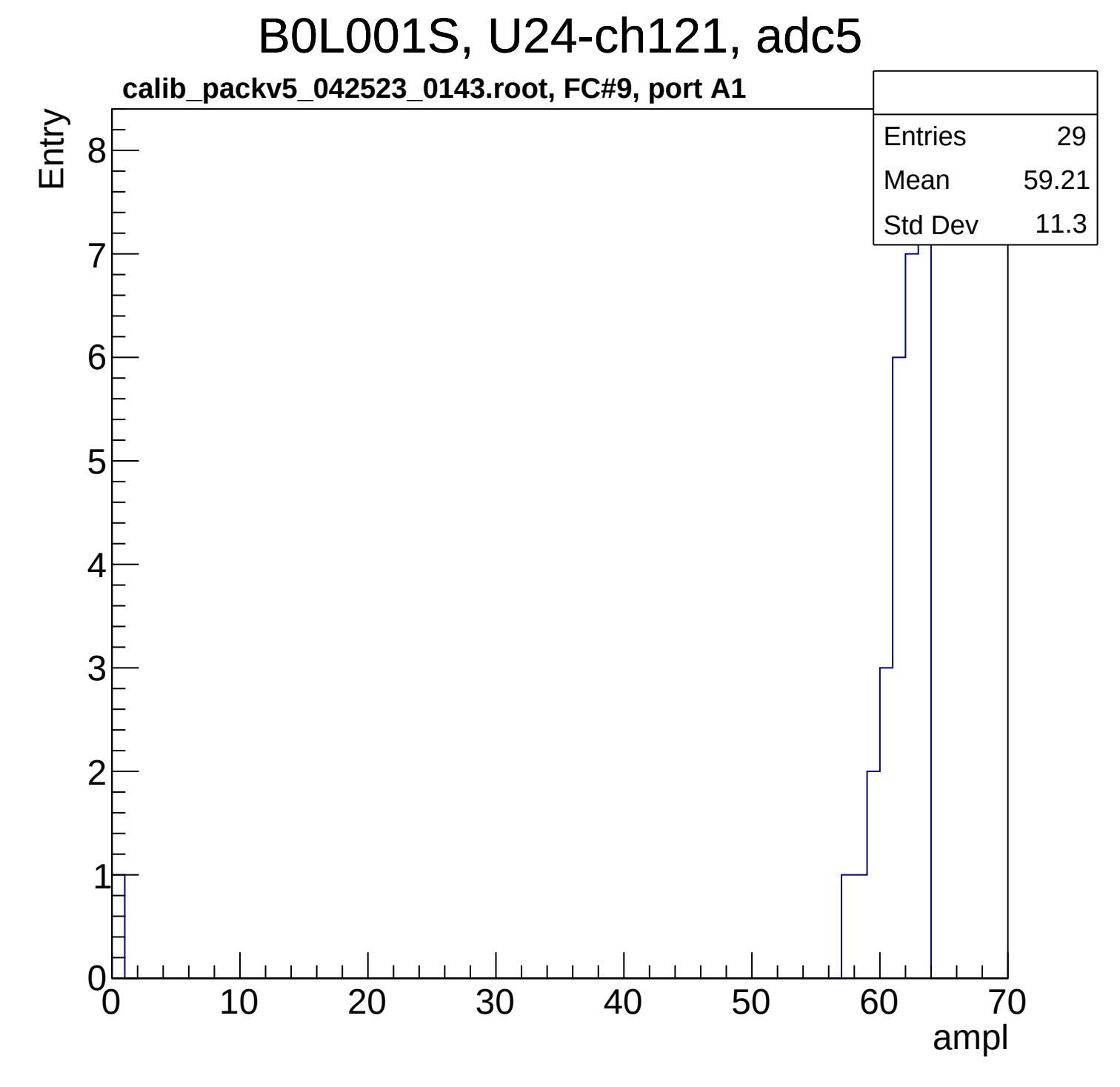

B0L001S, U24-ch121, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 67
Mean 51.25
Std Dev 3.229
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch121, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 57.71
Std Dev 2.624
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch121, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 29
Mean 59.21
Std Dev 11.3
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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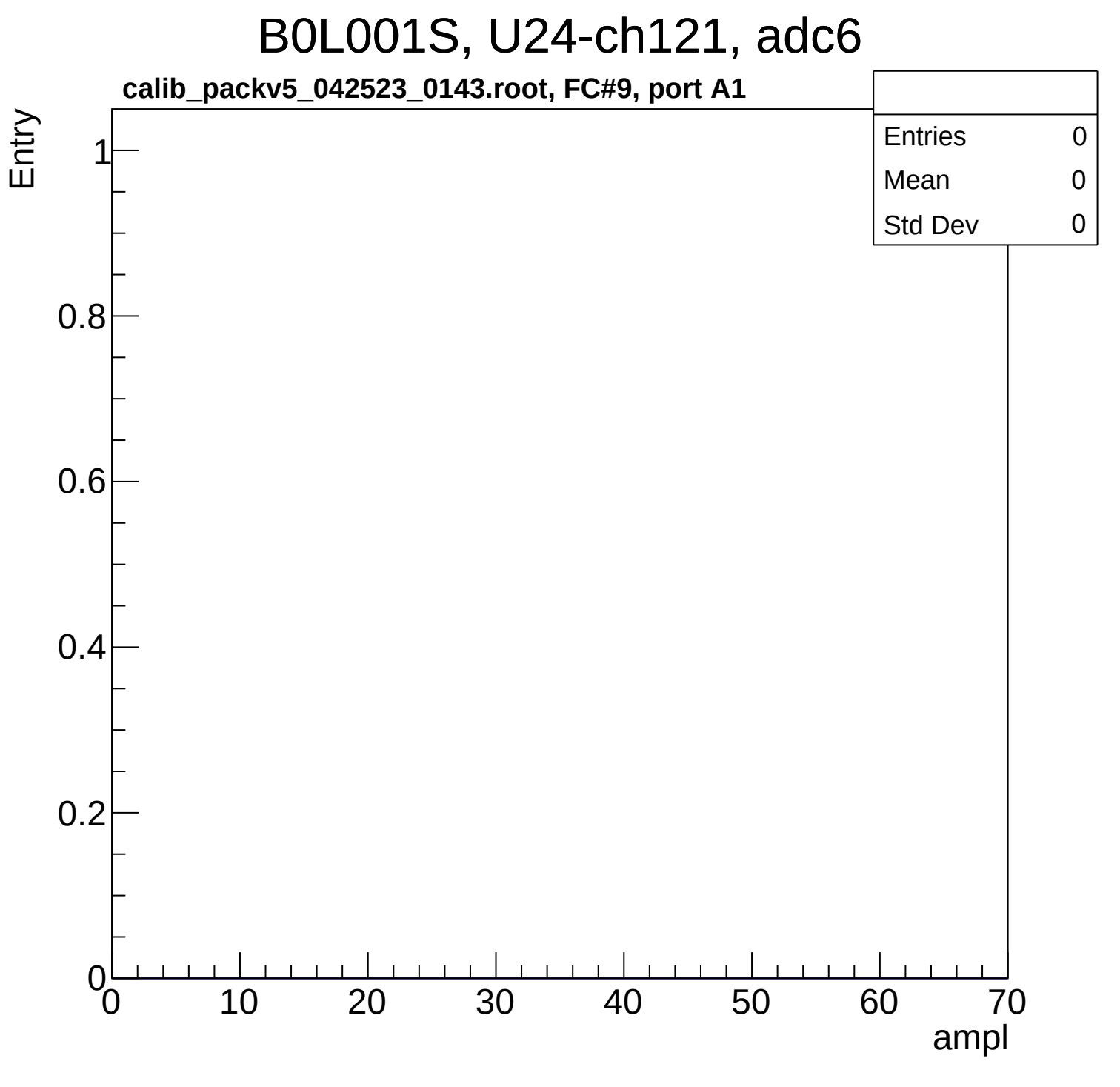
B0L001S, U24-ch121, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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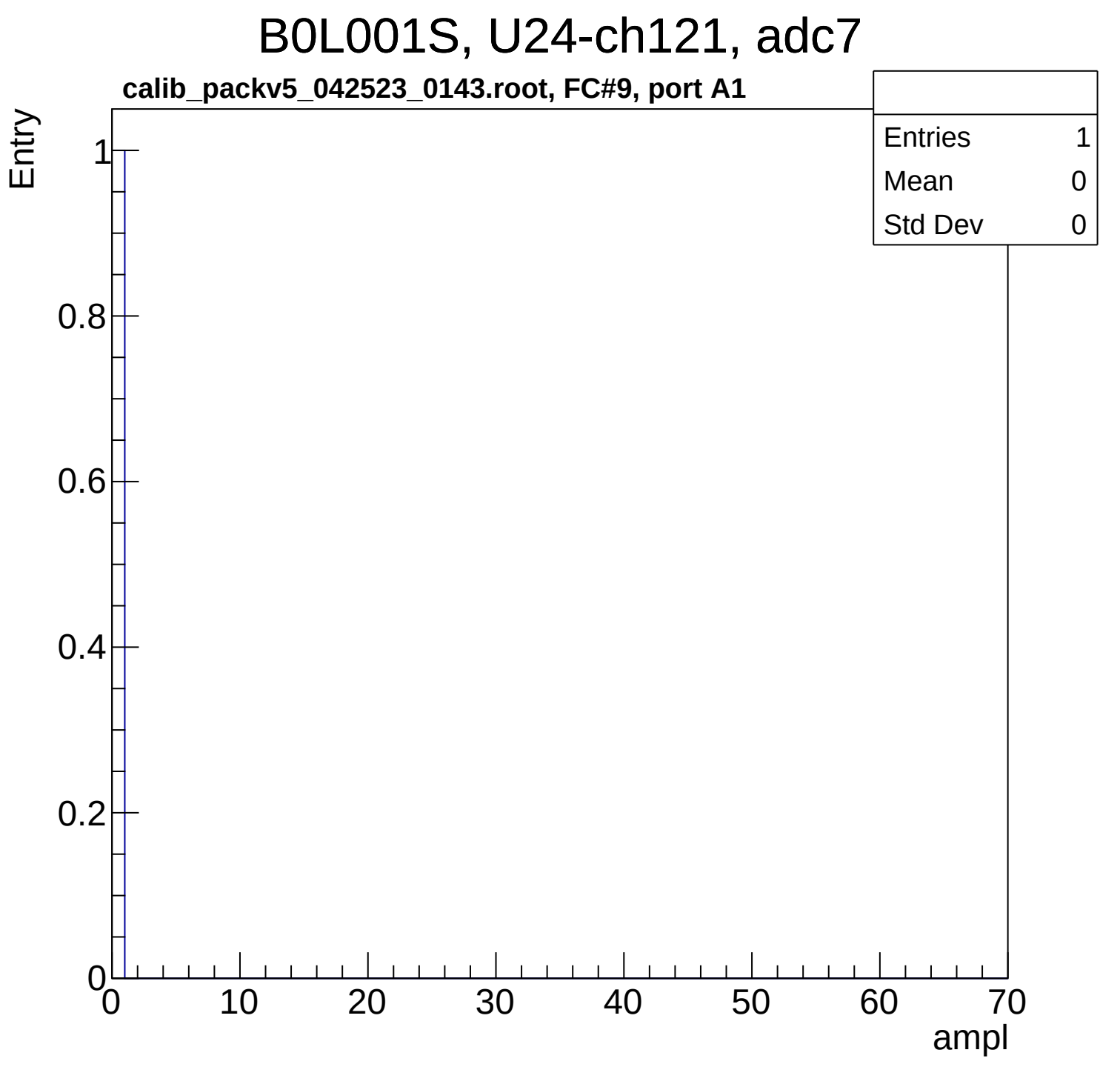
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch121, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
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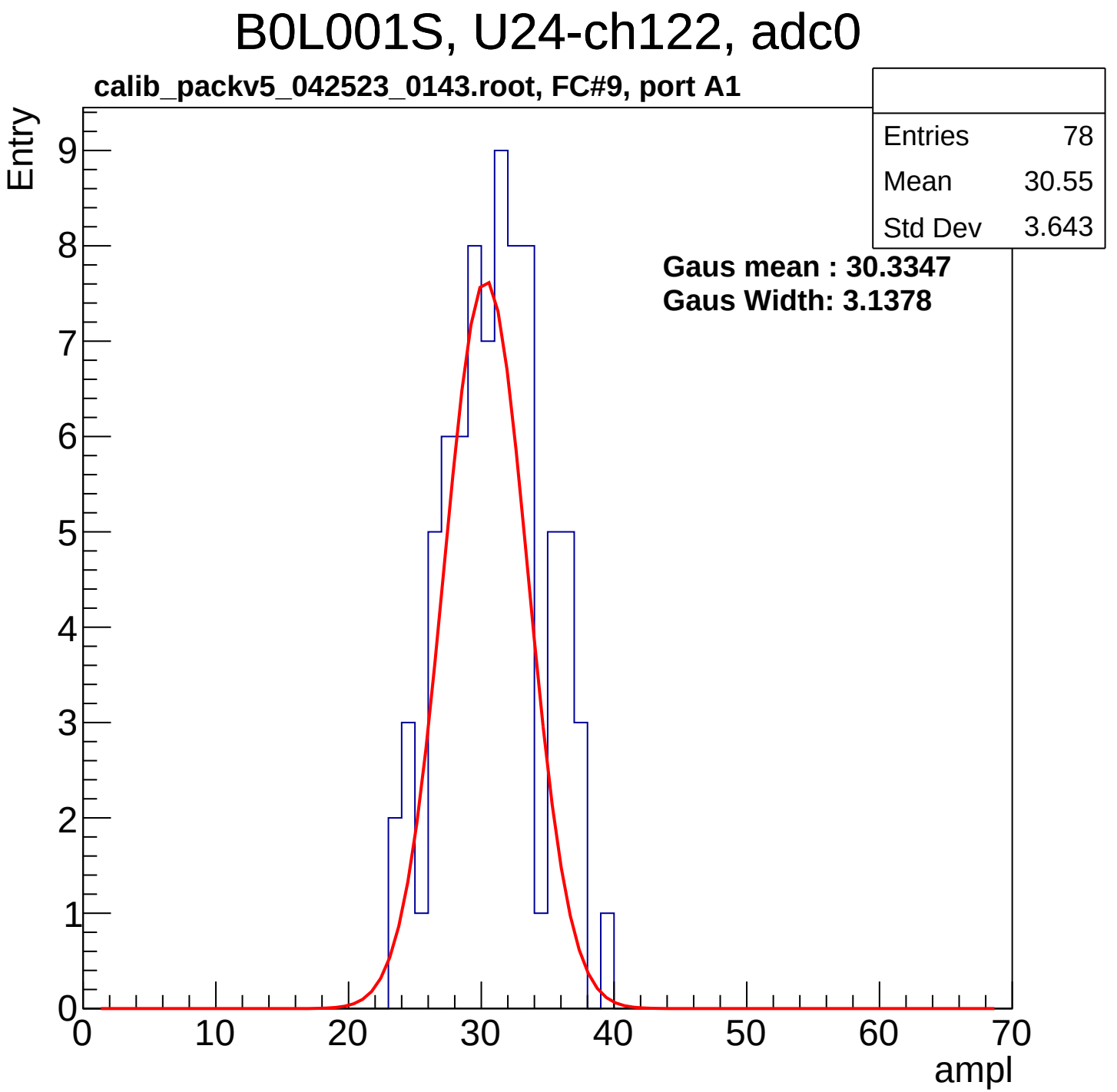
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch122, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 78
Mean 30.55
Std Dev 3.643
Gaus mean : 30.3347
Gaus Width: 3.1378
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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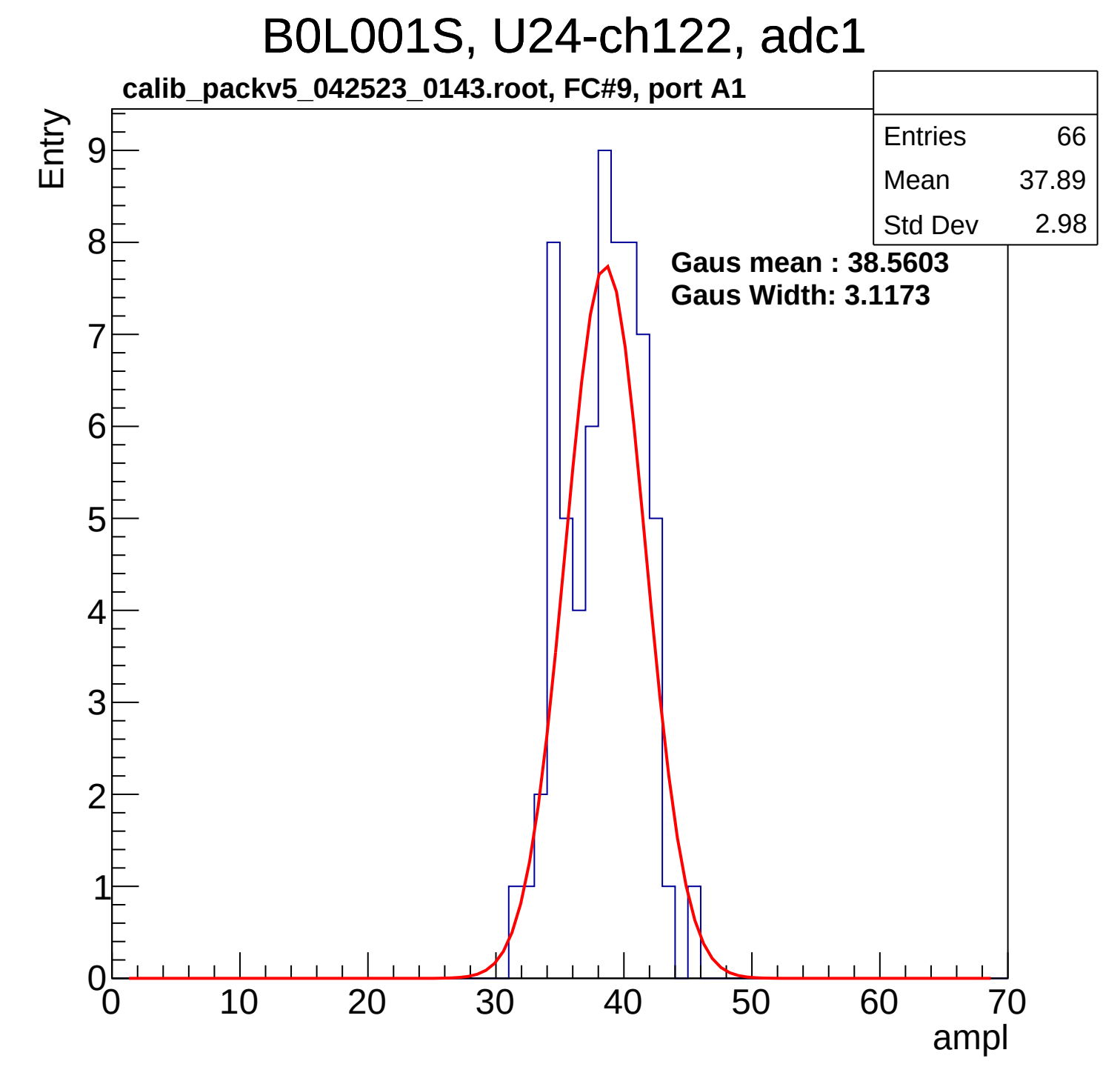
B0L001S, U24-ch122, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 37.89
Std Dev 2.98
Gaus mean : 38.5603
Gaus Width: 3.1173
Entry
ampl
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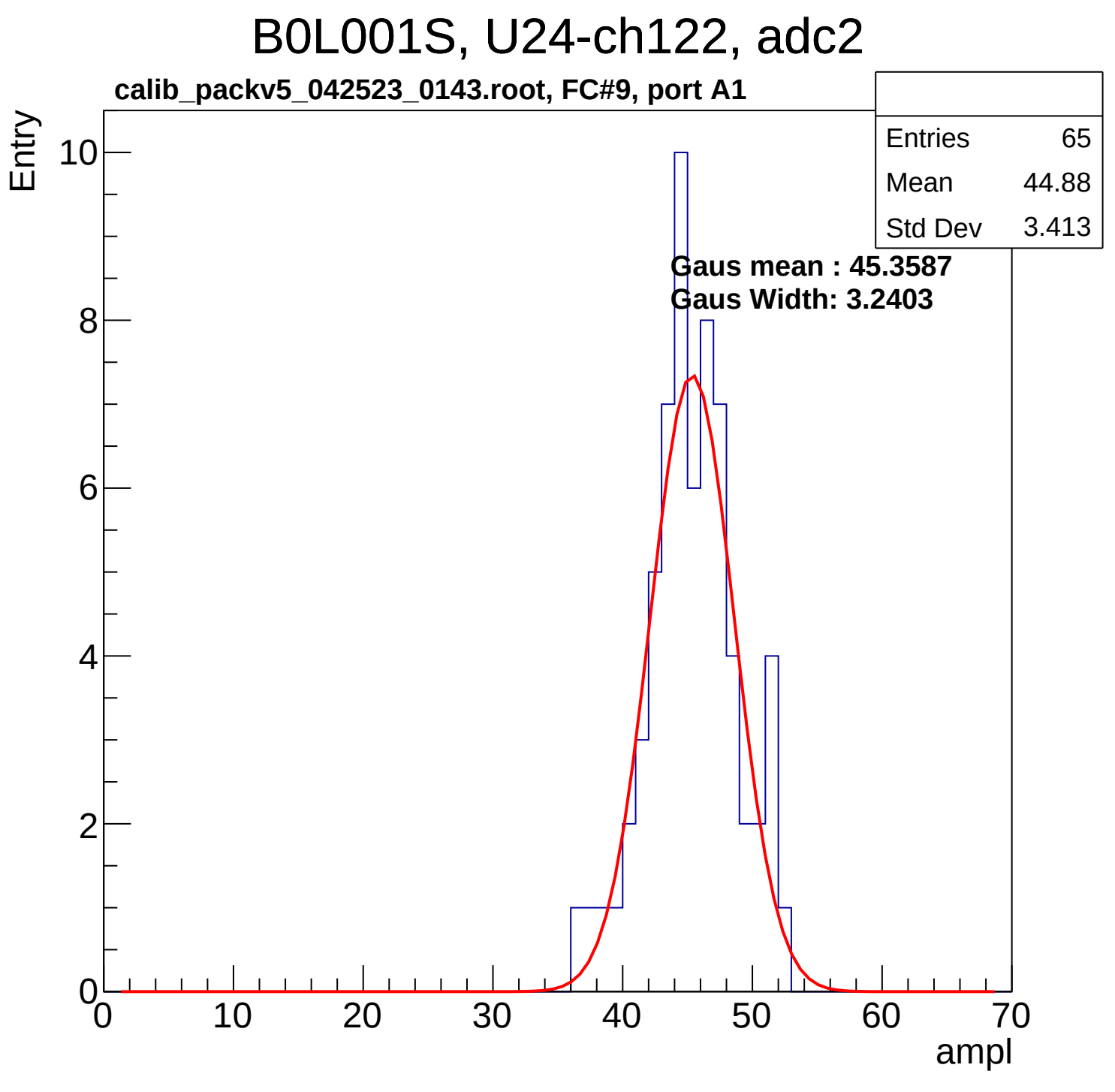
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch122, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 44.88
Std Dev 3.413
Gaus mean : 45.3587
Gaus Width: 3.2403
Entry
ampl
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2
4
6
8
10
0
10
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40
50
60
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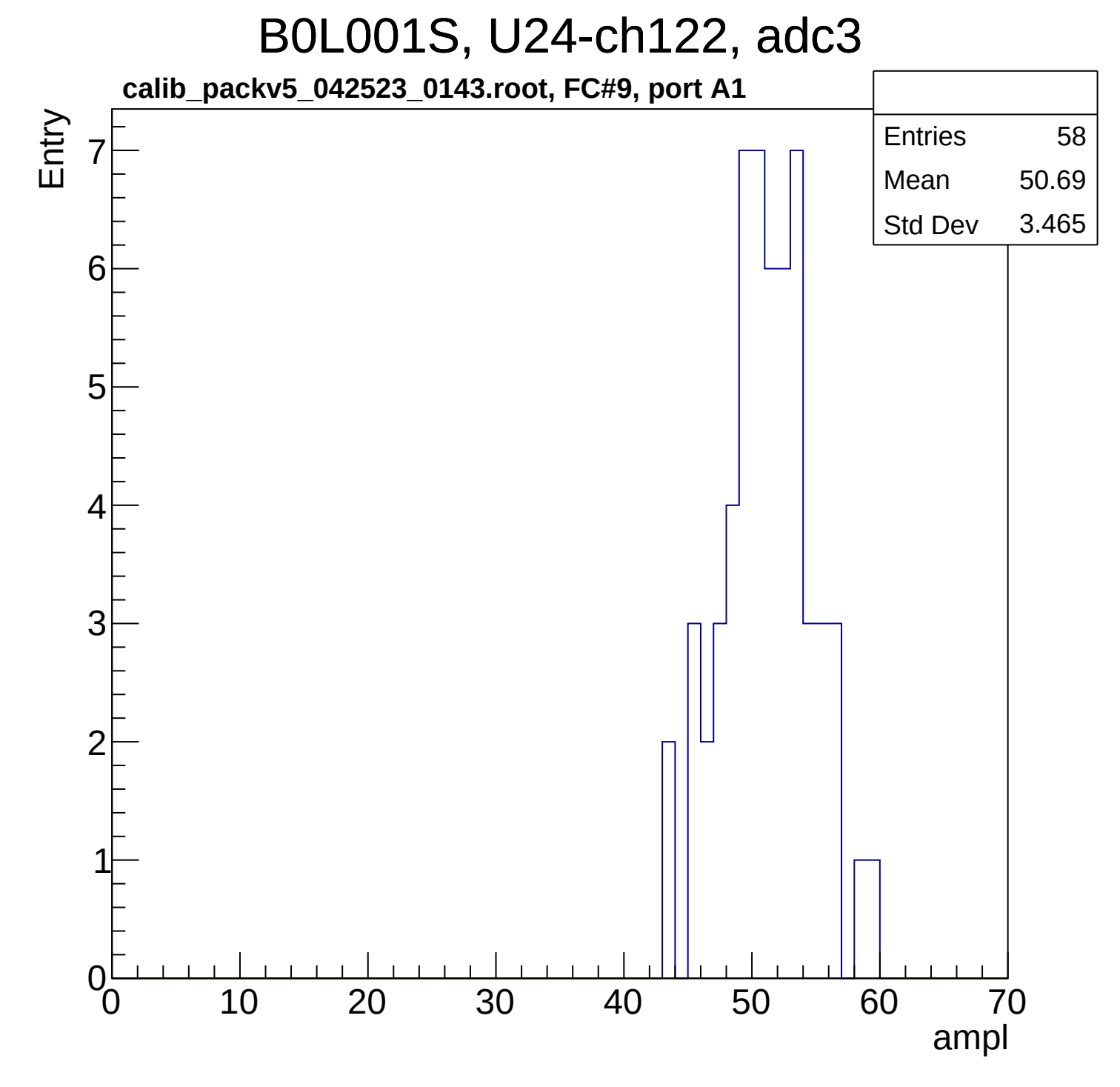
B0L001S, U24-ch122, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 50.69
Std Dev 3.465
Entry
ampl
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6
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0
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40
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60
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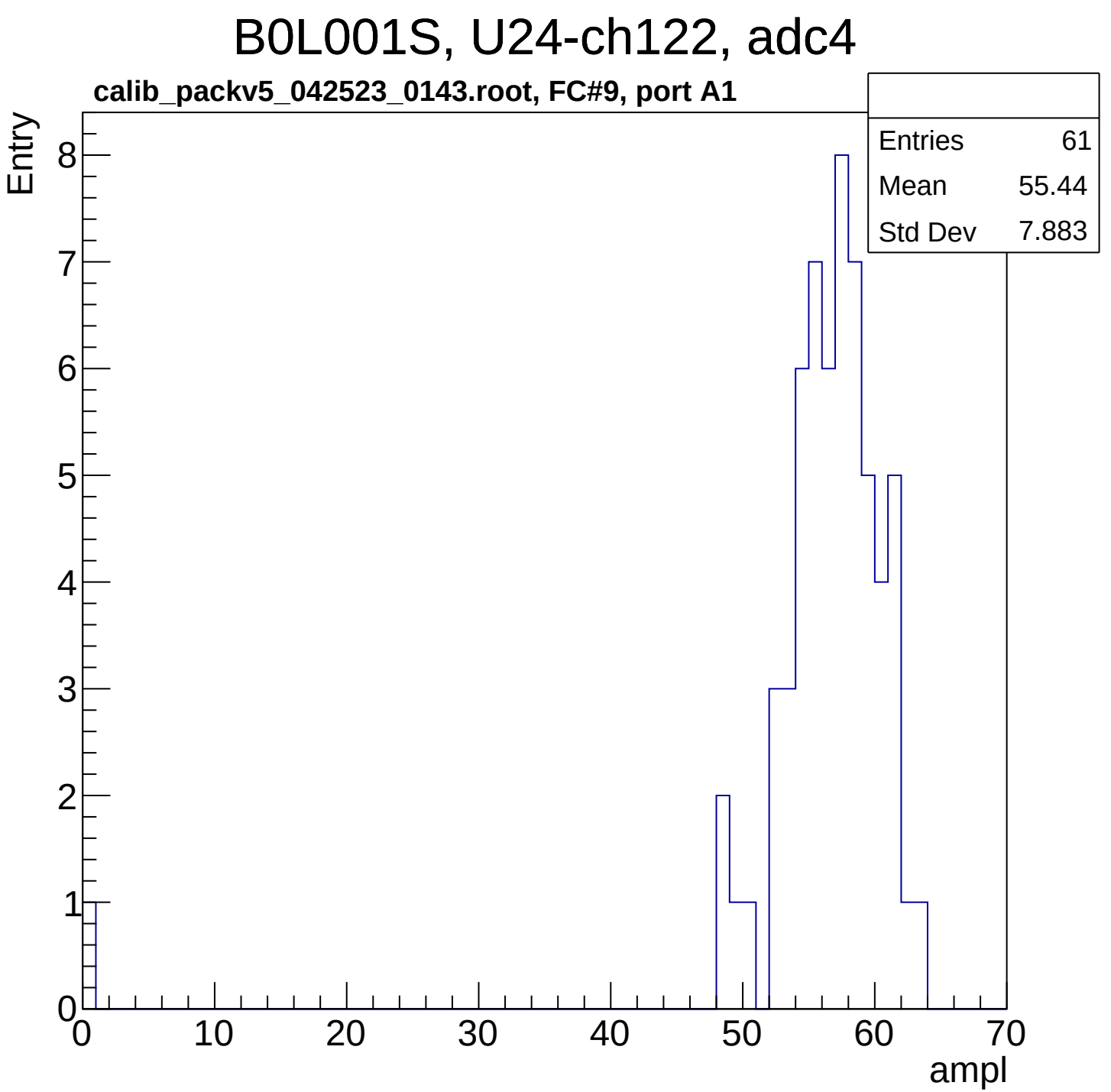
B0L001S, U24-ch122, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 55.44
Std Dev 7.883
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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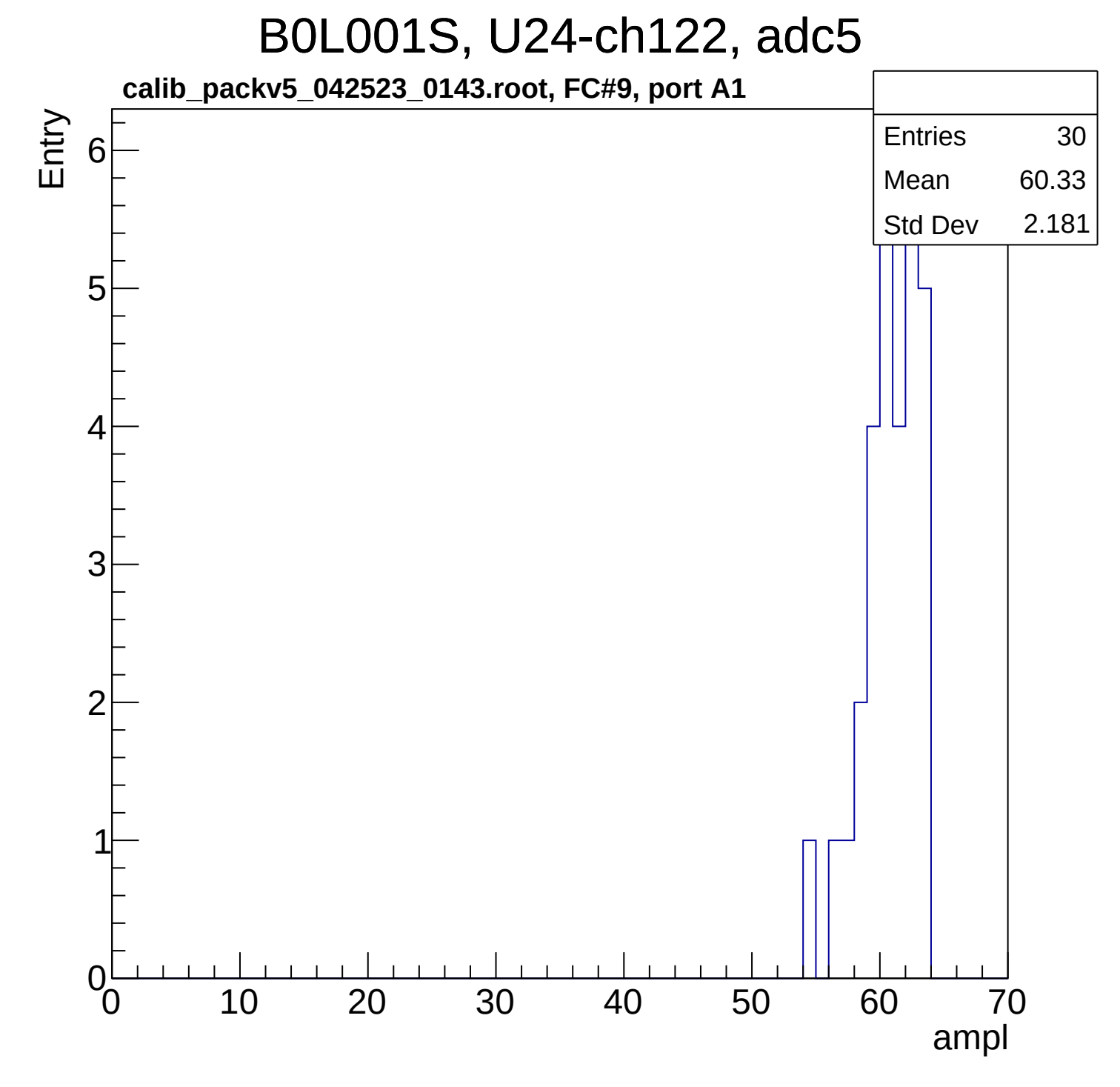
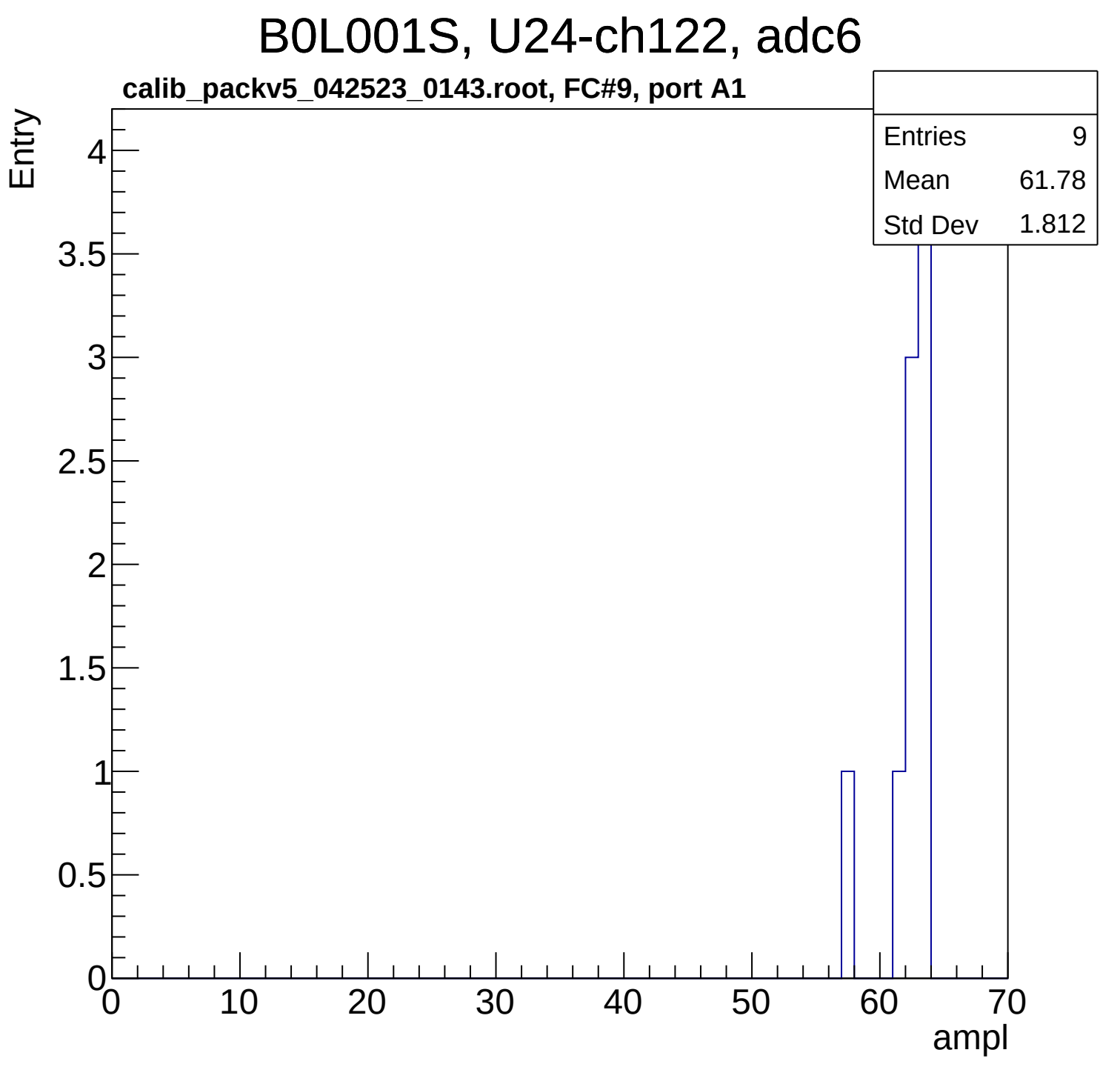

B0L001S, U24-ch122, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 30
Mean 60.33
Std Dev 2.181
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch122, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 9
Mean 61.78
Std Dev 1.812
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
10
20
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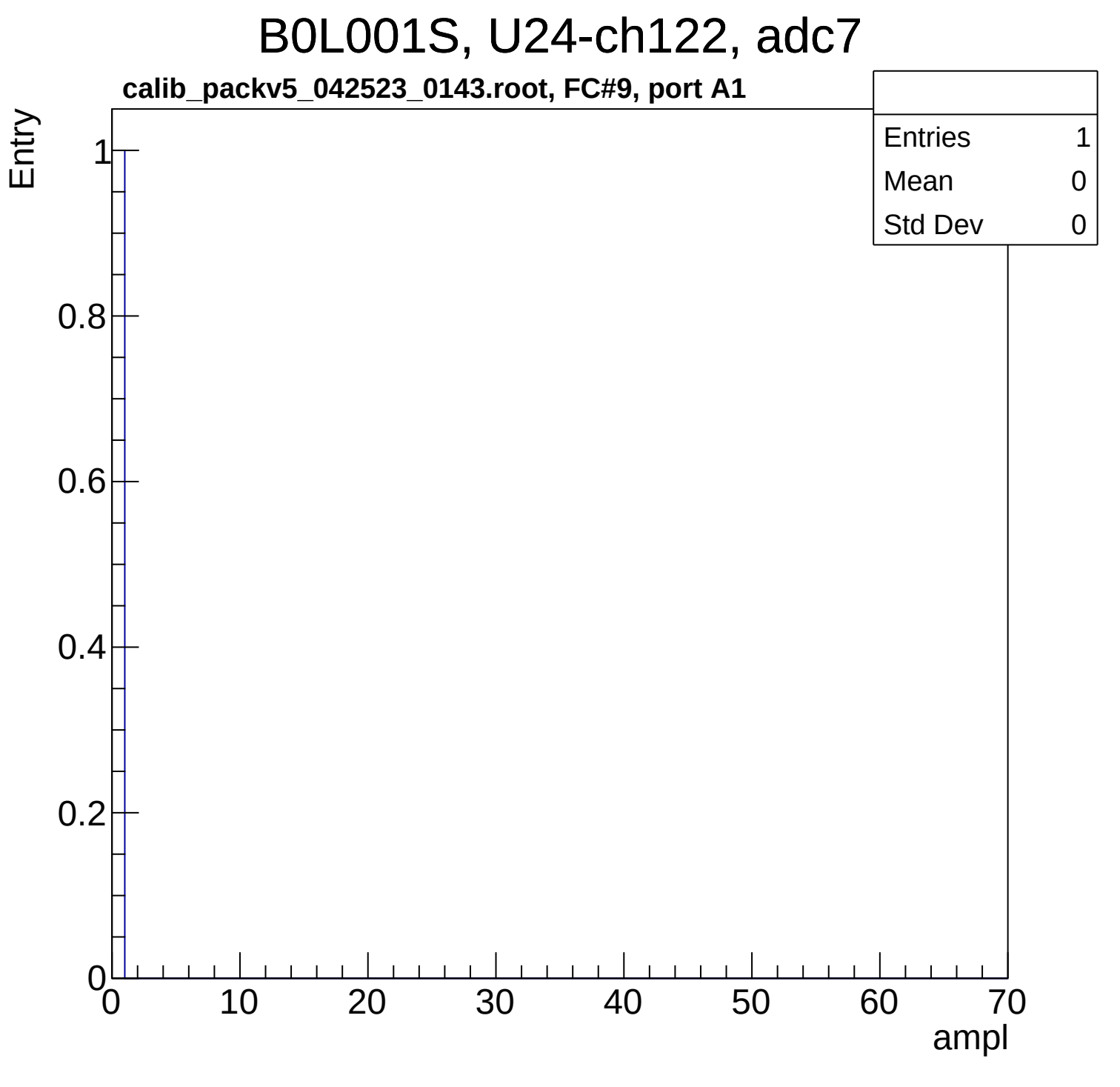
40
50
60
70


B0L001S, U24-ch122, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 1
Mean 0
Std Dev 0
Entry
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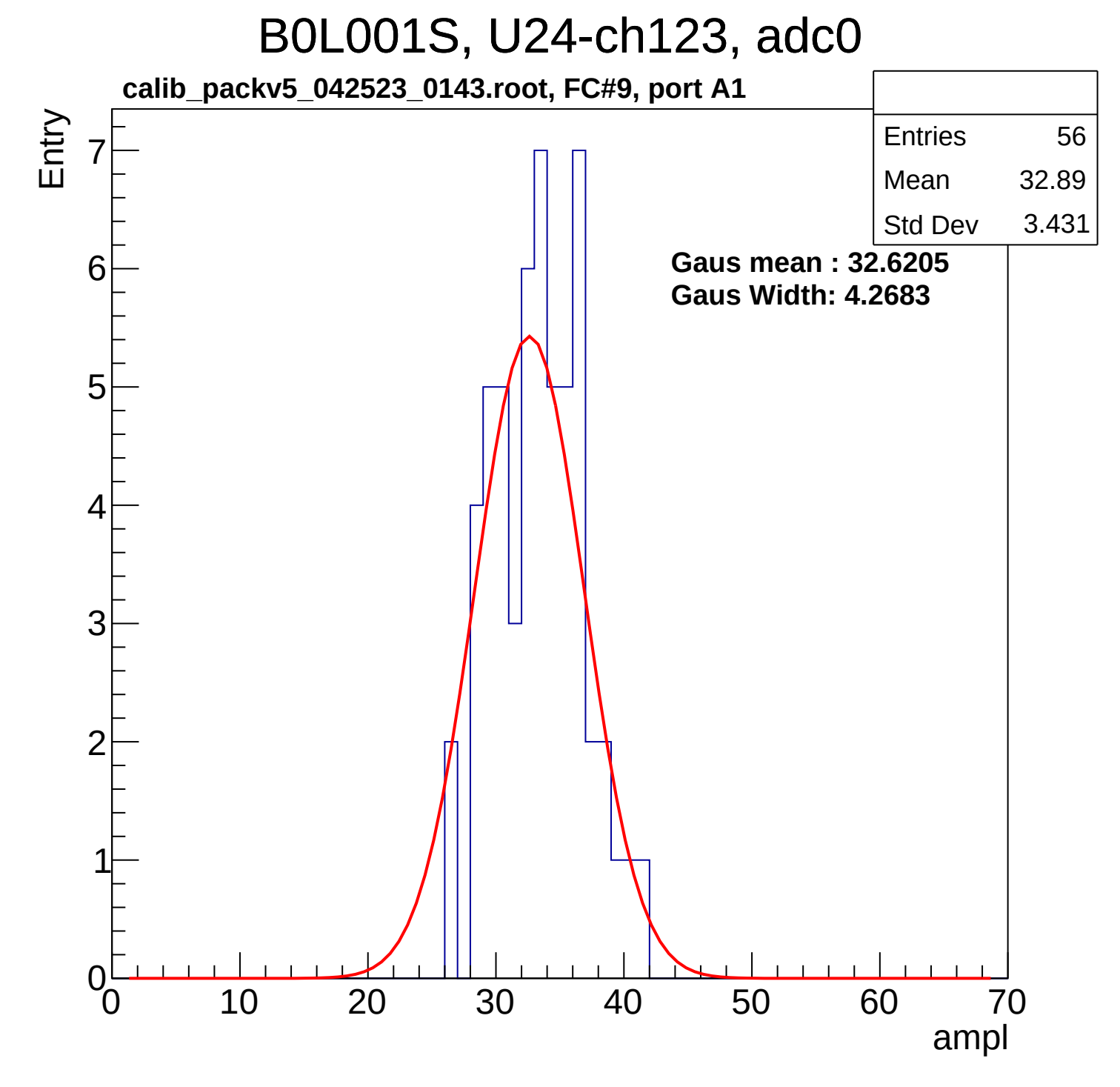
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch123, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 32.89
Std Dev 3.431
Gaus mean : 32.6205
Gaus Width: 4.2683
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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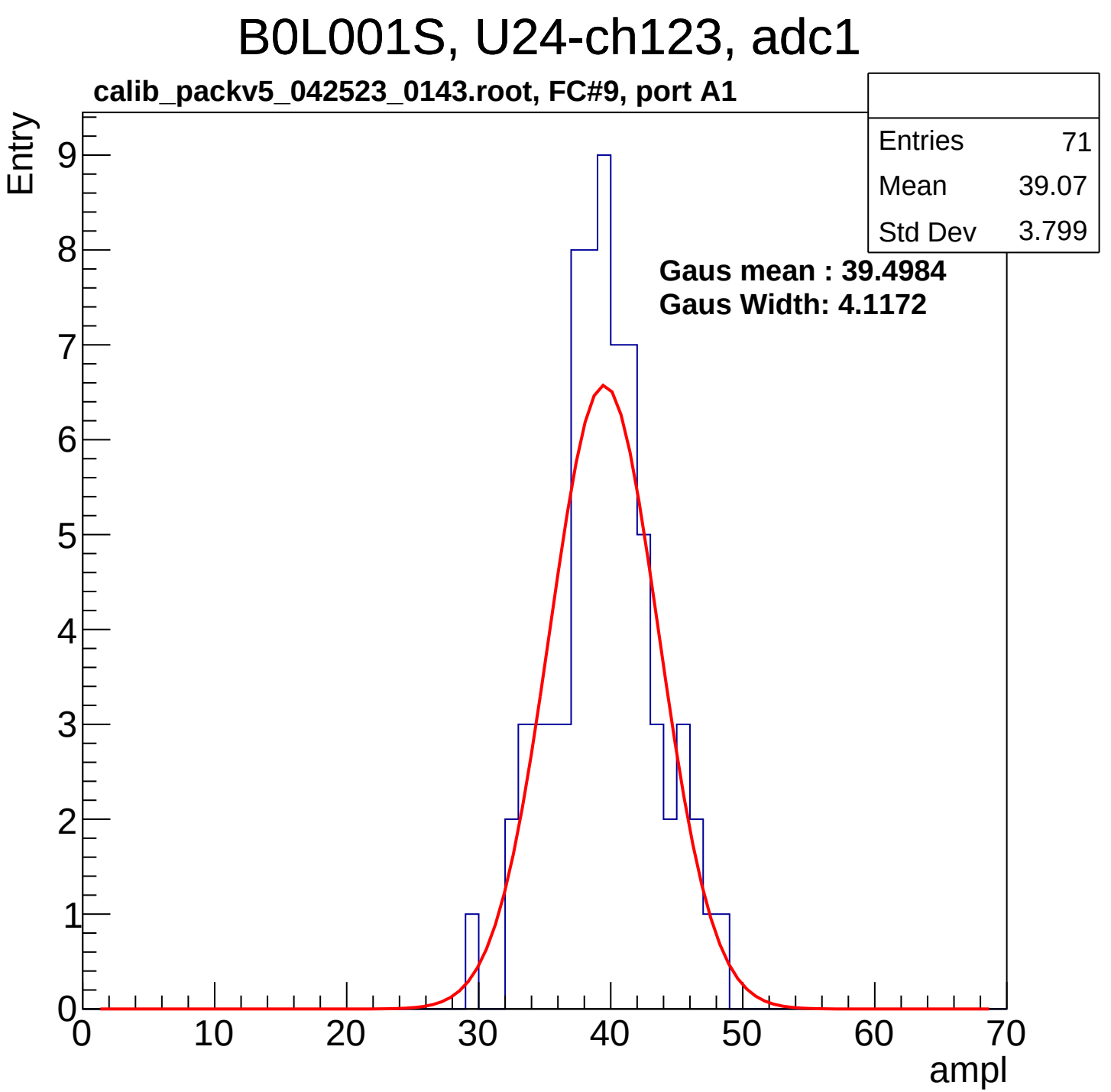
B0L001S, U24-ch123, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 71
Mean 39.07
Std Dev 3.799
Gaus mean : 39.4984
Gaus Width: 4.1172
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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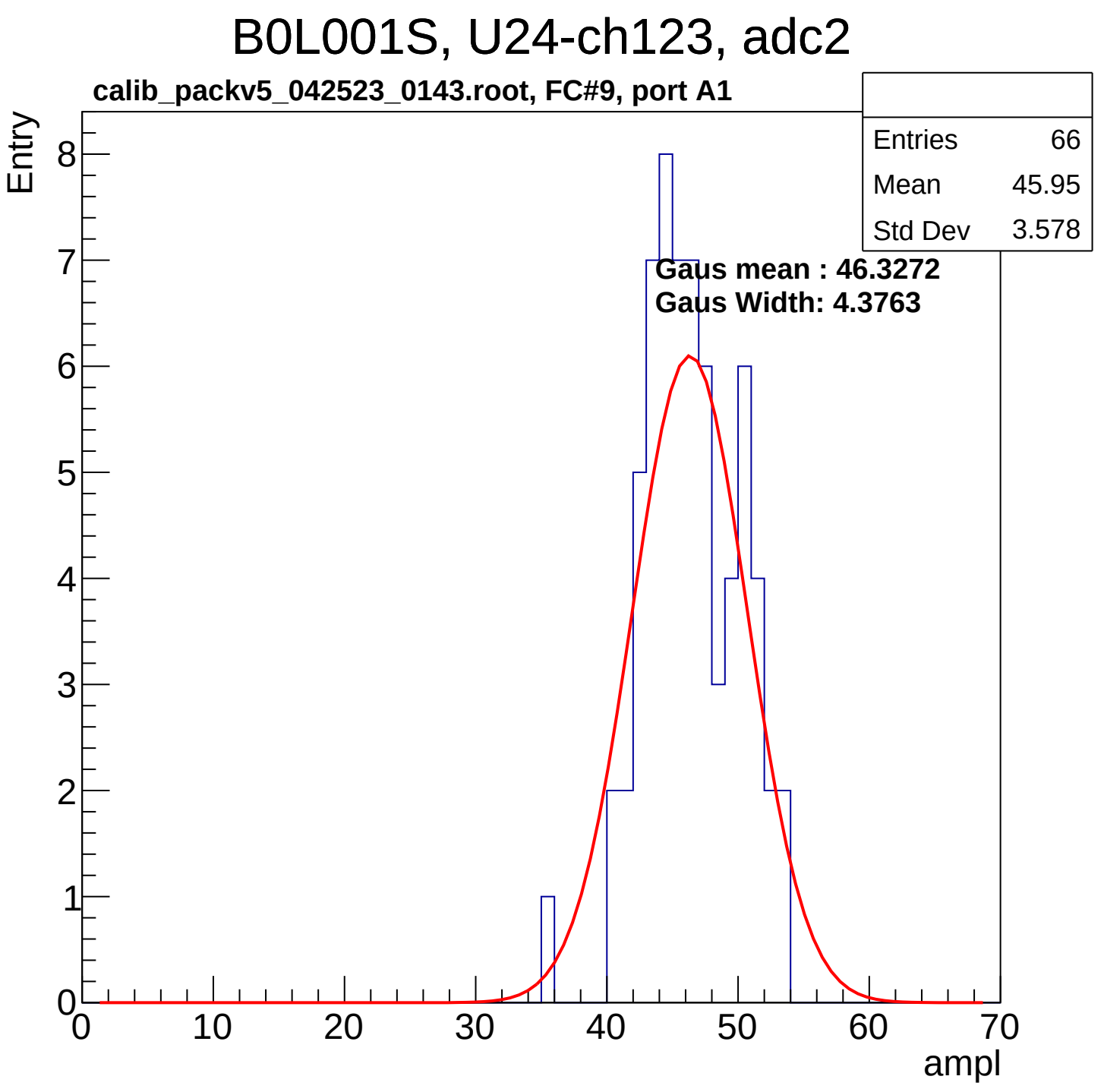
B0L001S, U24-ch123, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 45.95
Std Dev 3.578
Gaus mean : 46.3272
Gaus Width: 4.3763
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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60
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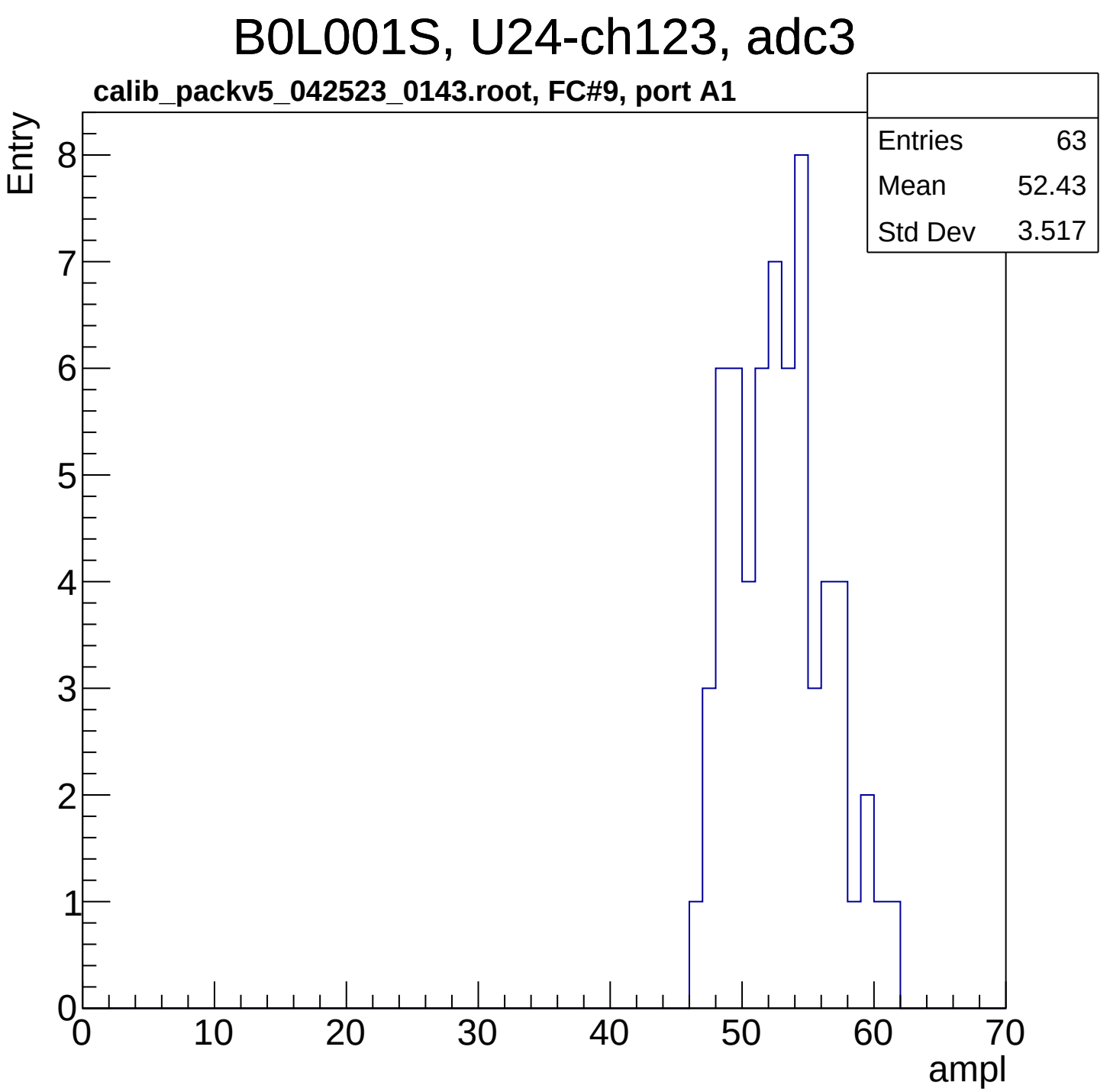
B0L001S, U24-ch123, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 52.43
Std Dev 3.517
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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60
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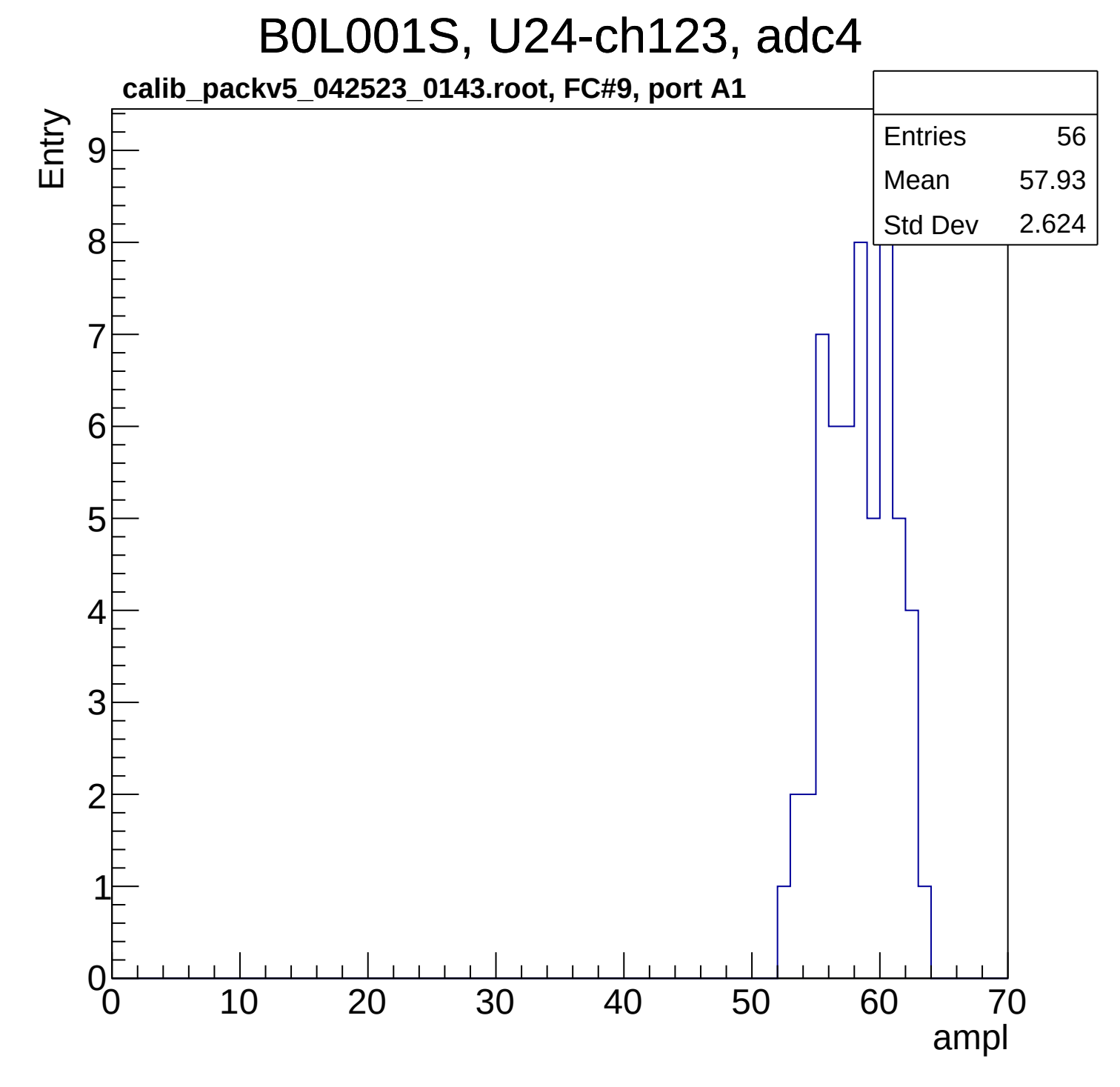
B0L001S, U24-ch123, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 56
Mean 57.93
Std Dev 2.624
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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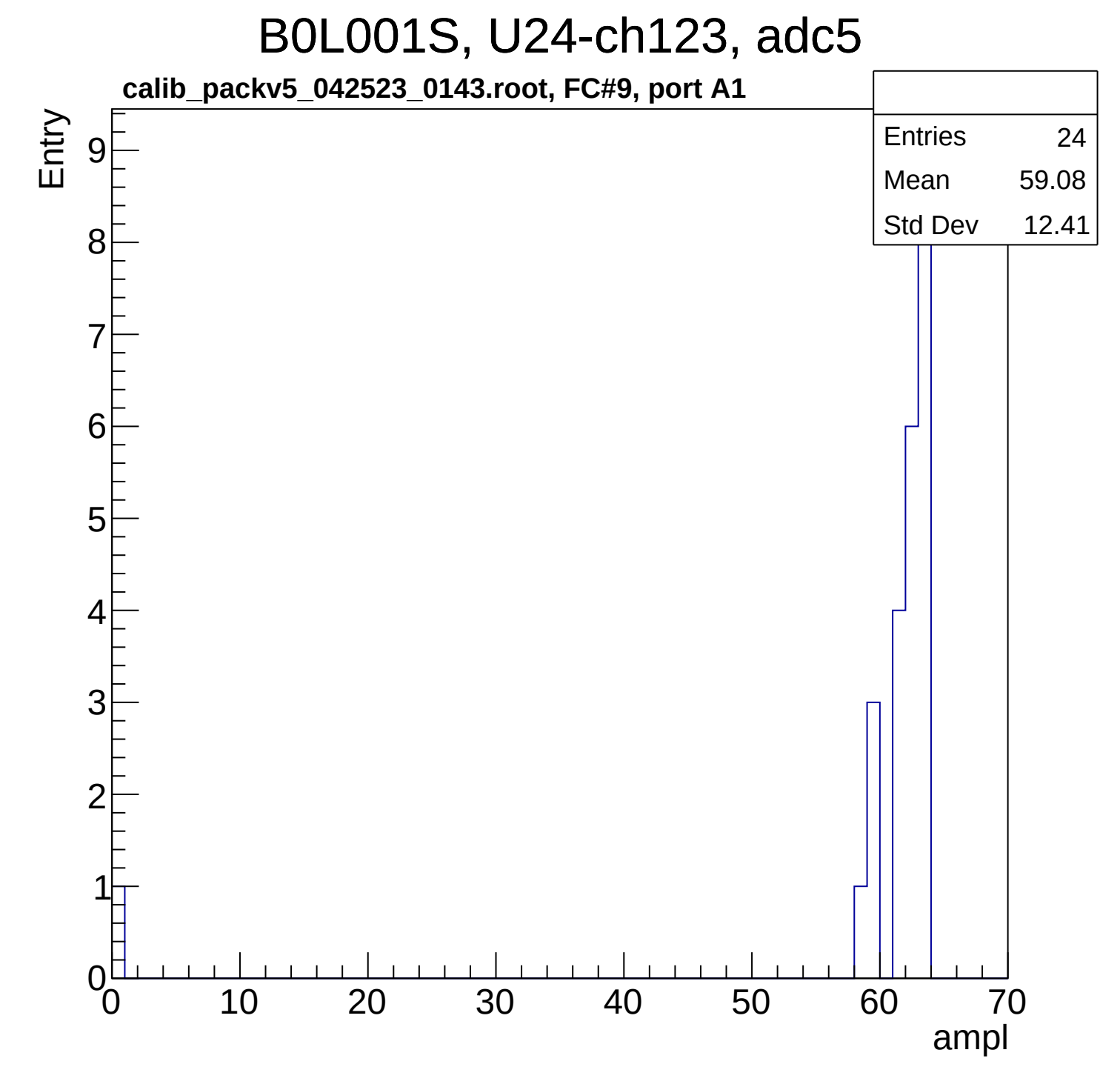
B0L001S, U24-ch123, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 24
Mean 59.08
Std Dev 12.41
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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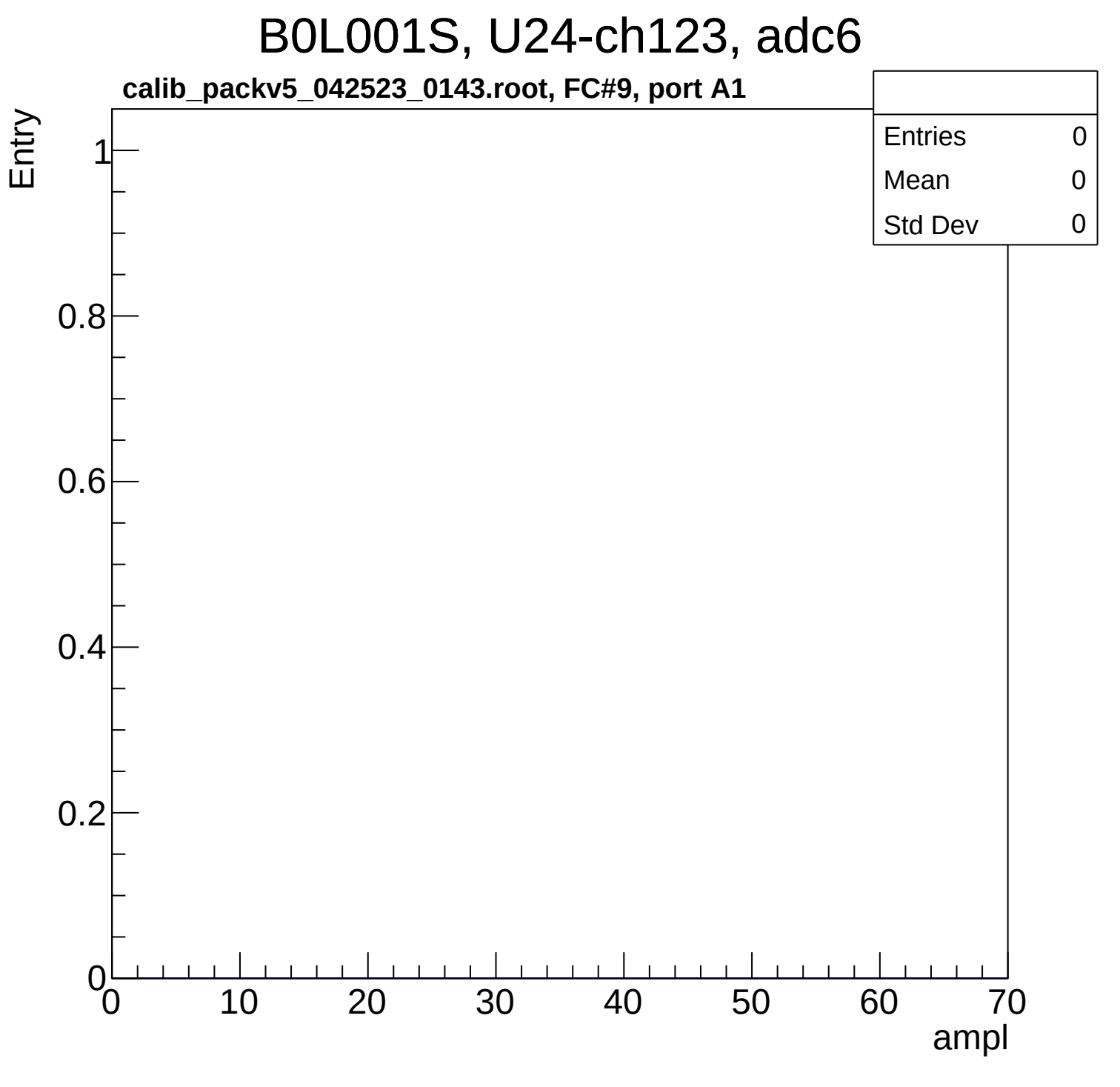
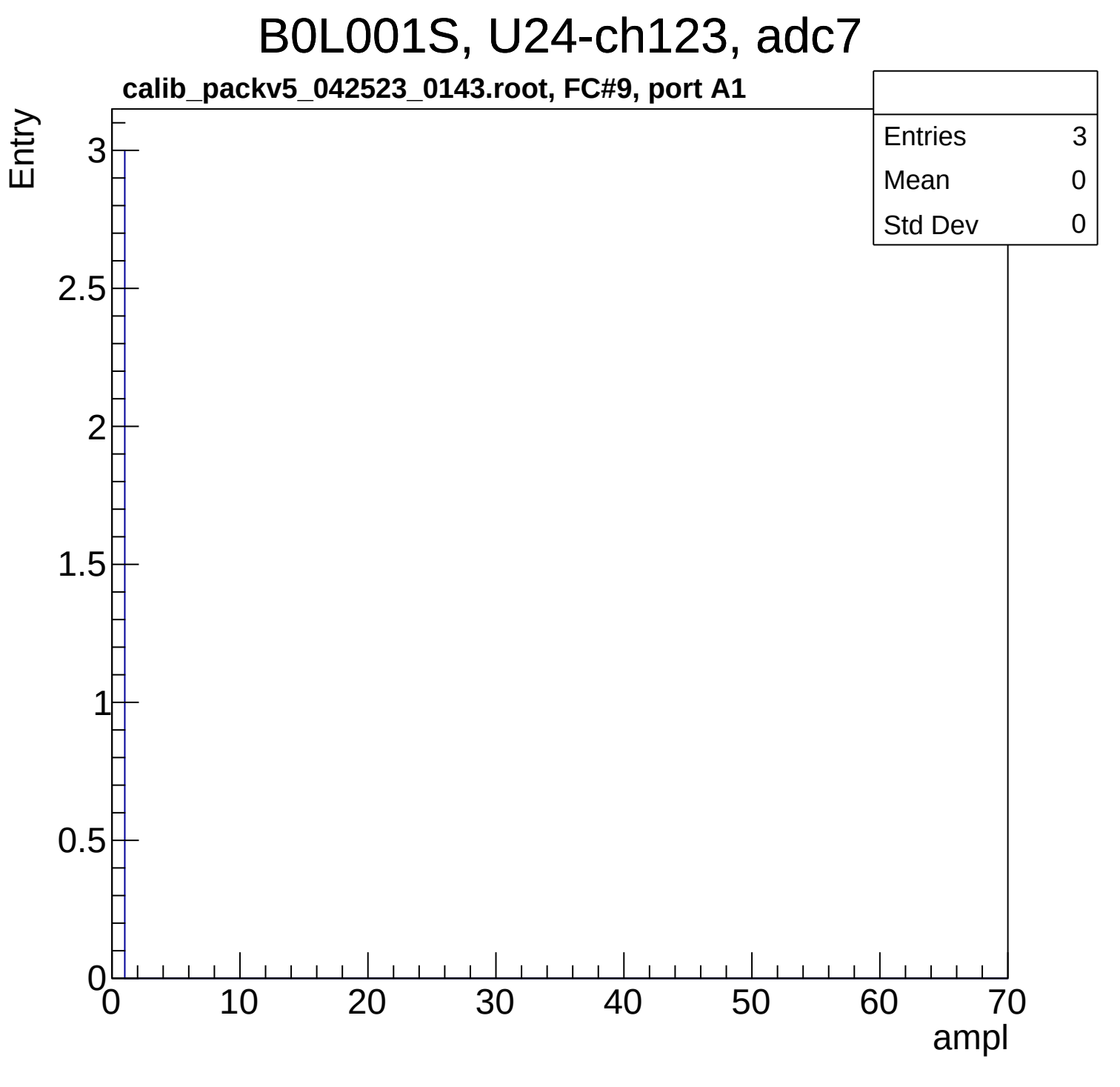
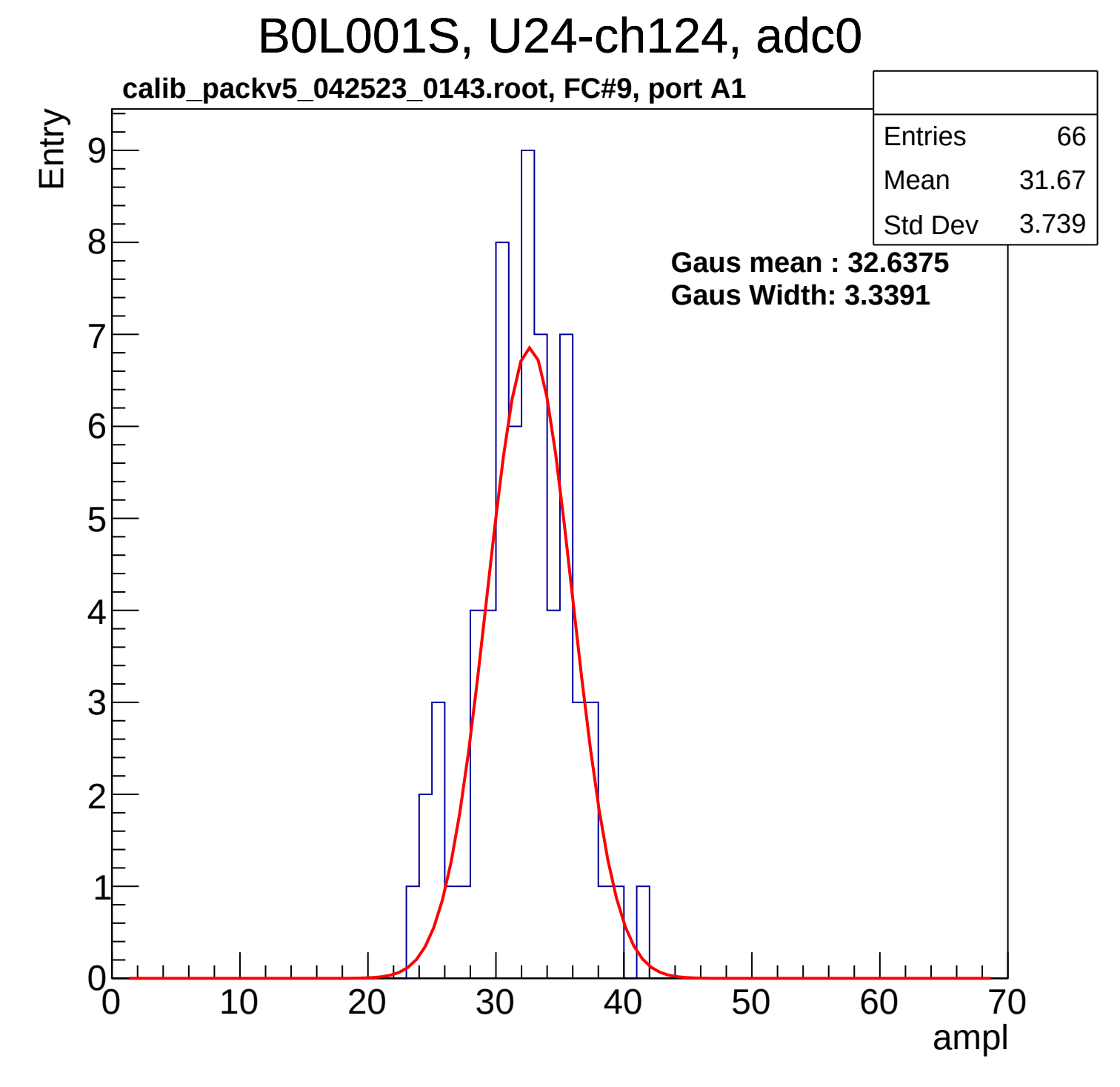
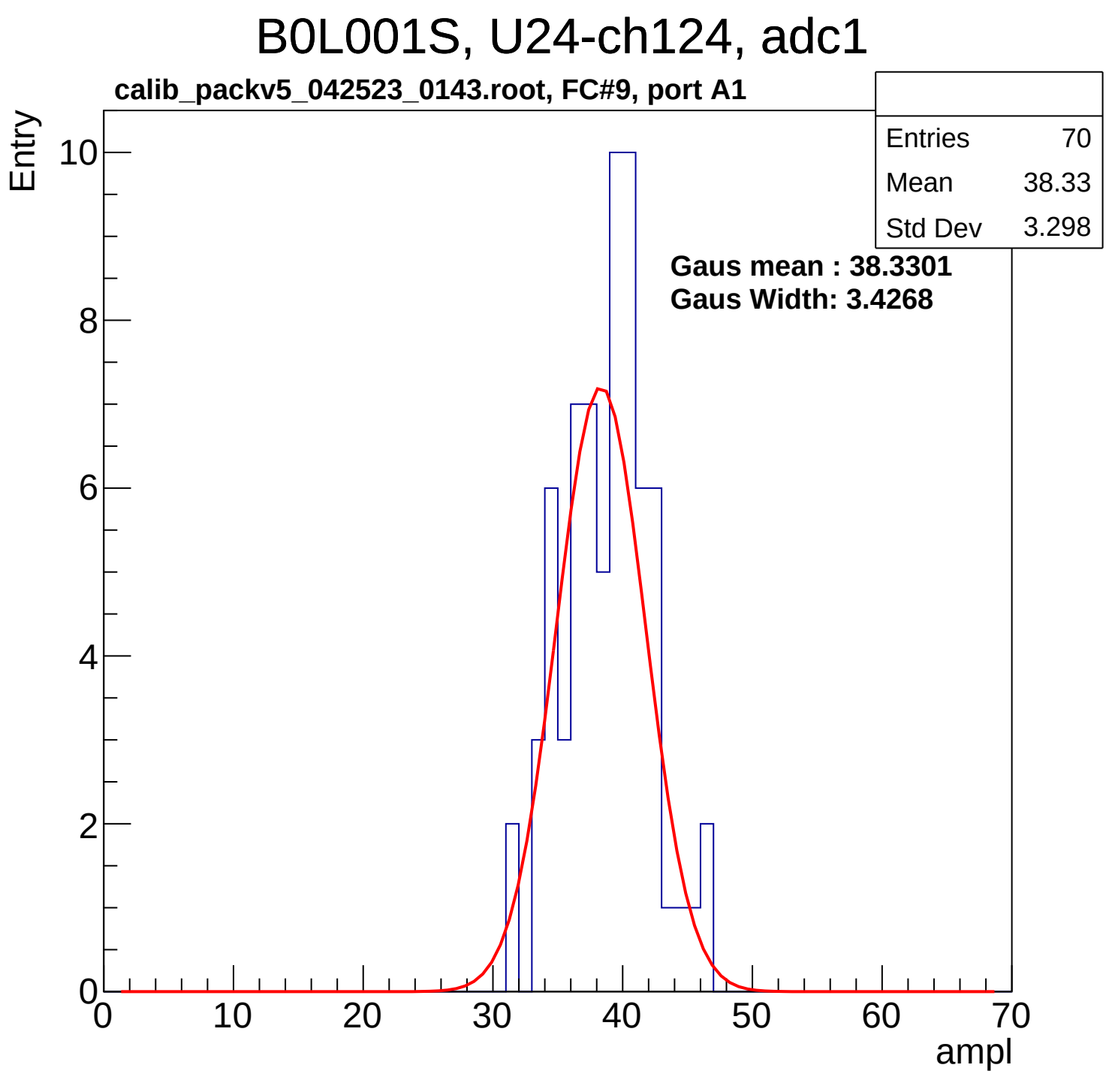
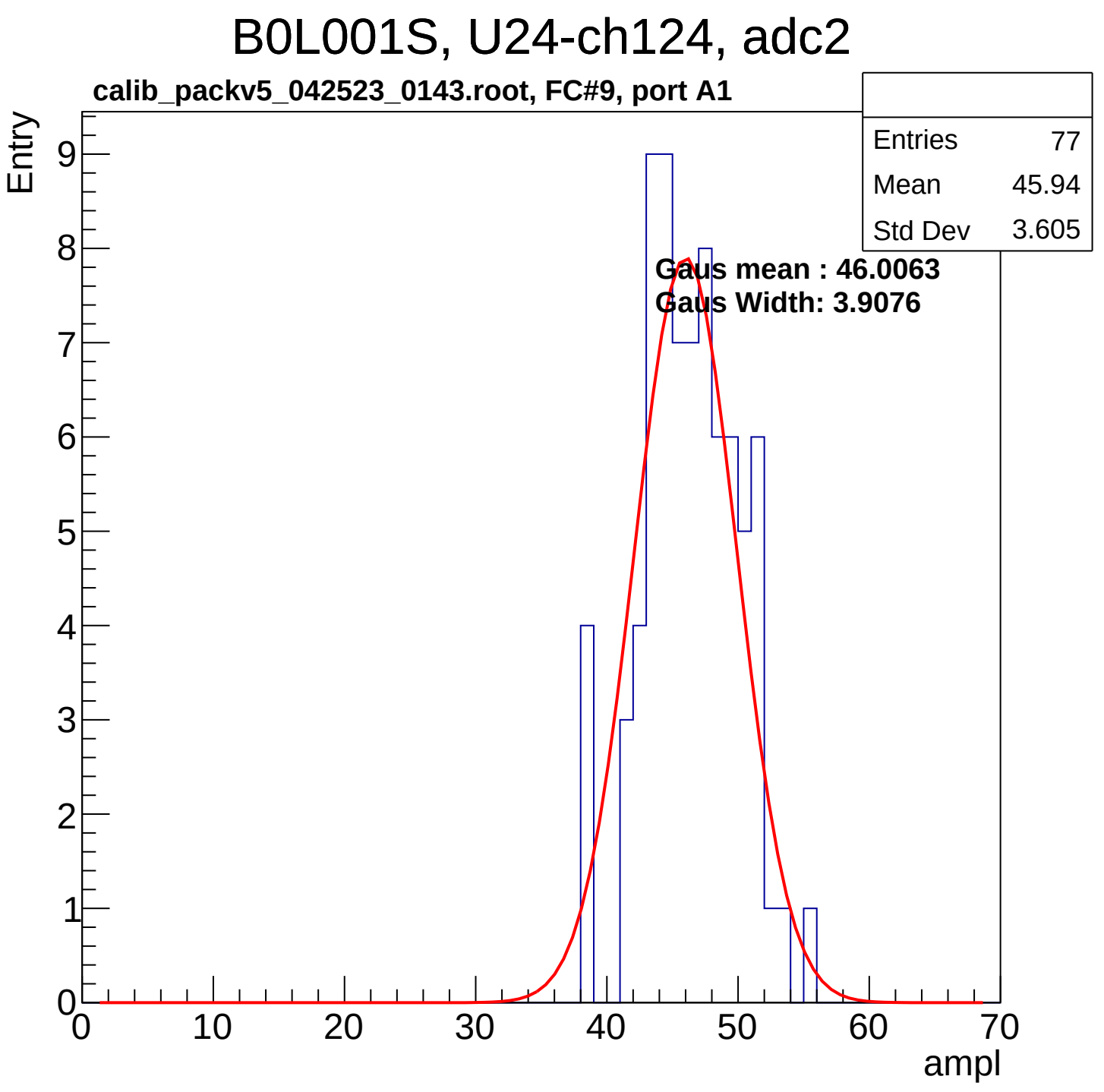

B0L001S, U24-ch123, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch123, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch124, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 31.67
Std Dev 3.739
Gaus mean : 32.6375
Gaus Width: 3.3391
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch124, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 70
Mean 38.33
Std Dev 3.298
Gaus mean : 38.3301
Gaus Width: 3.4268
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B0L001S, U24-ch124, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 77
Mean 45.94
Std Dev 3.605
Gaus mean : 46.0063
Gaus Width: 3.9076
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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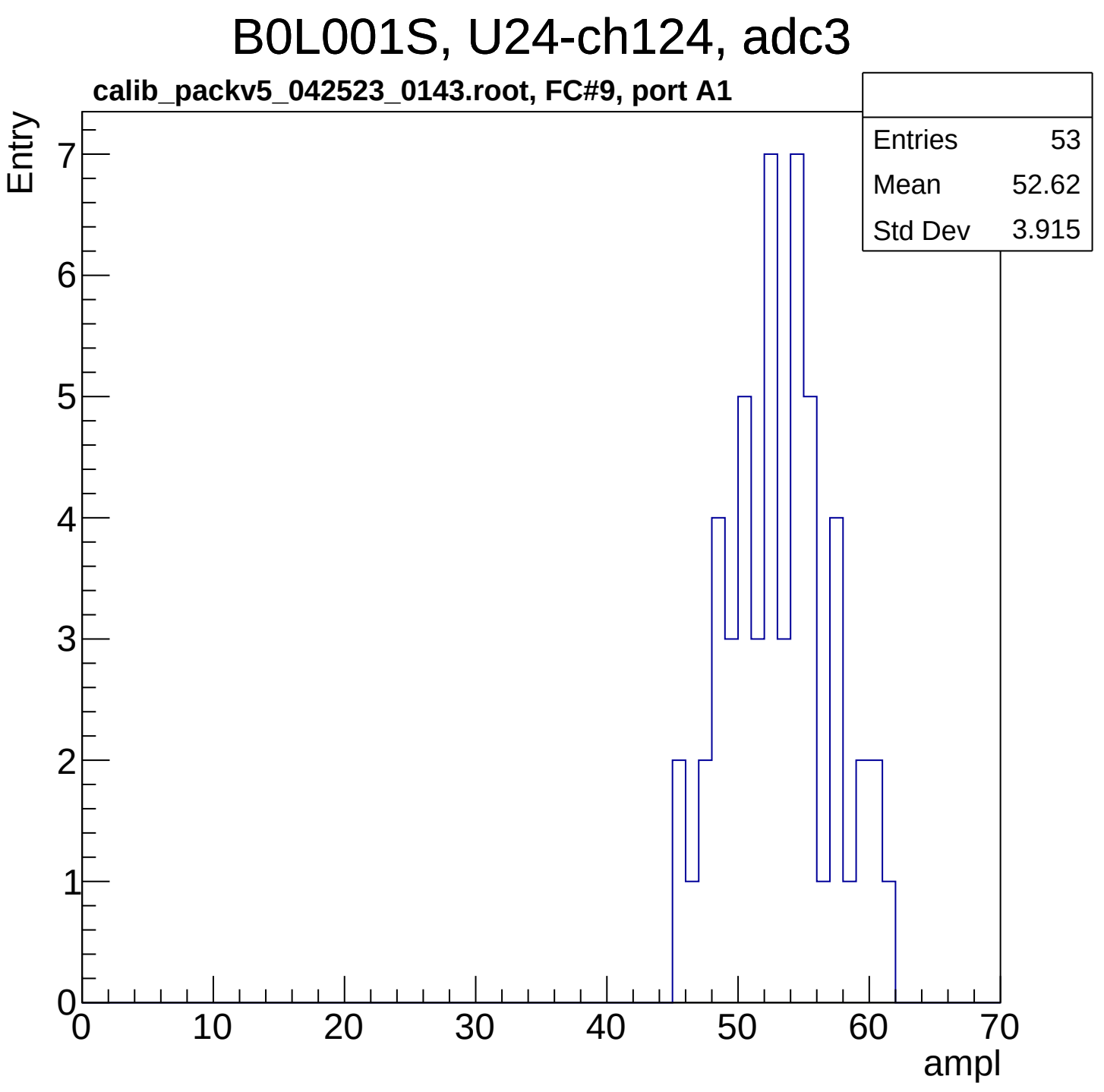
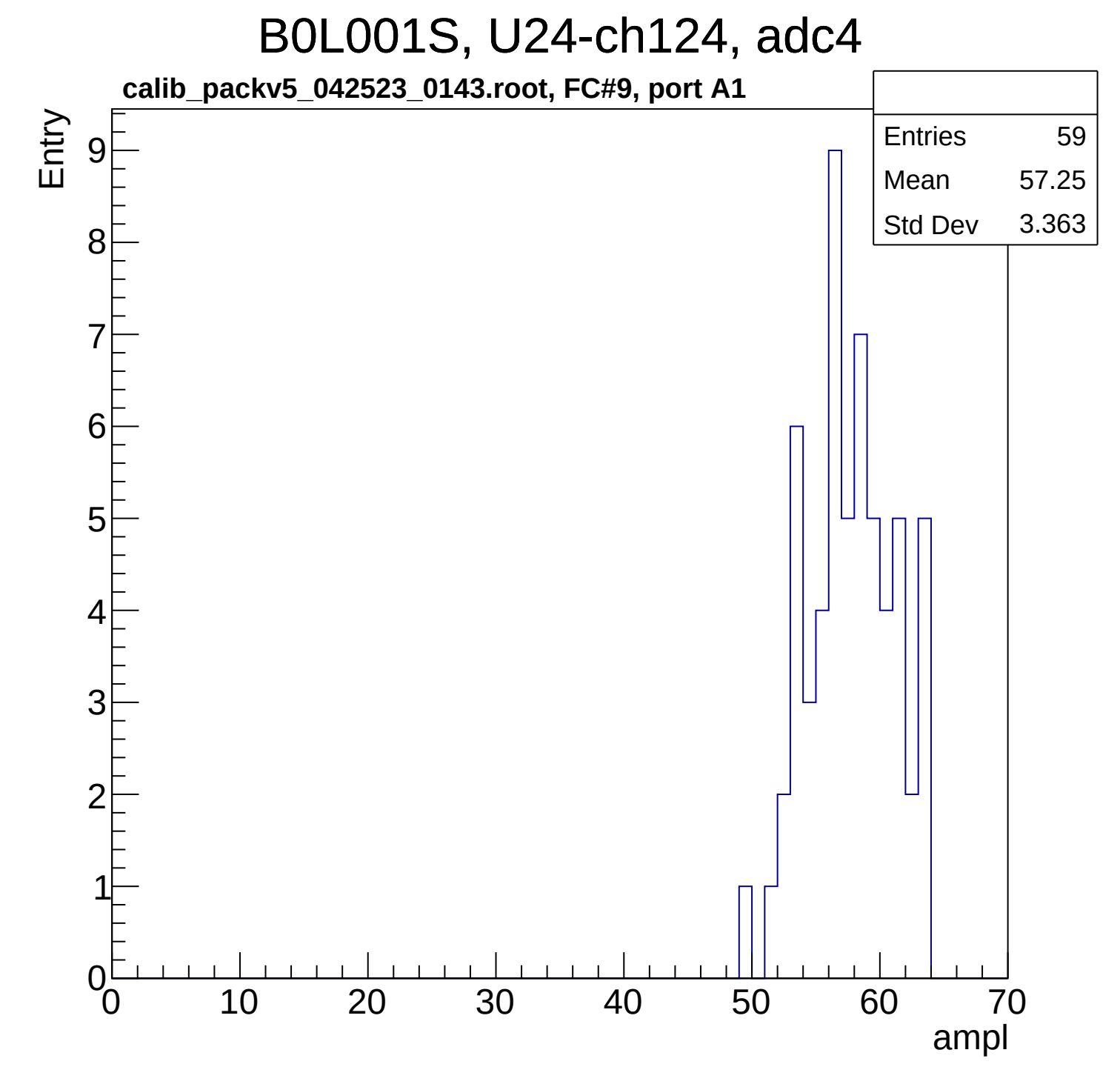
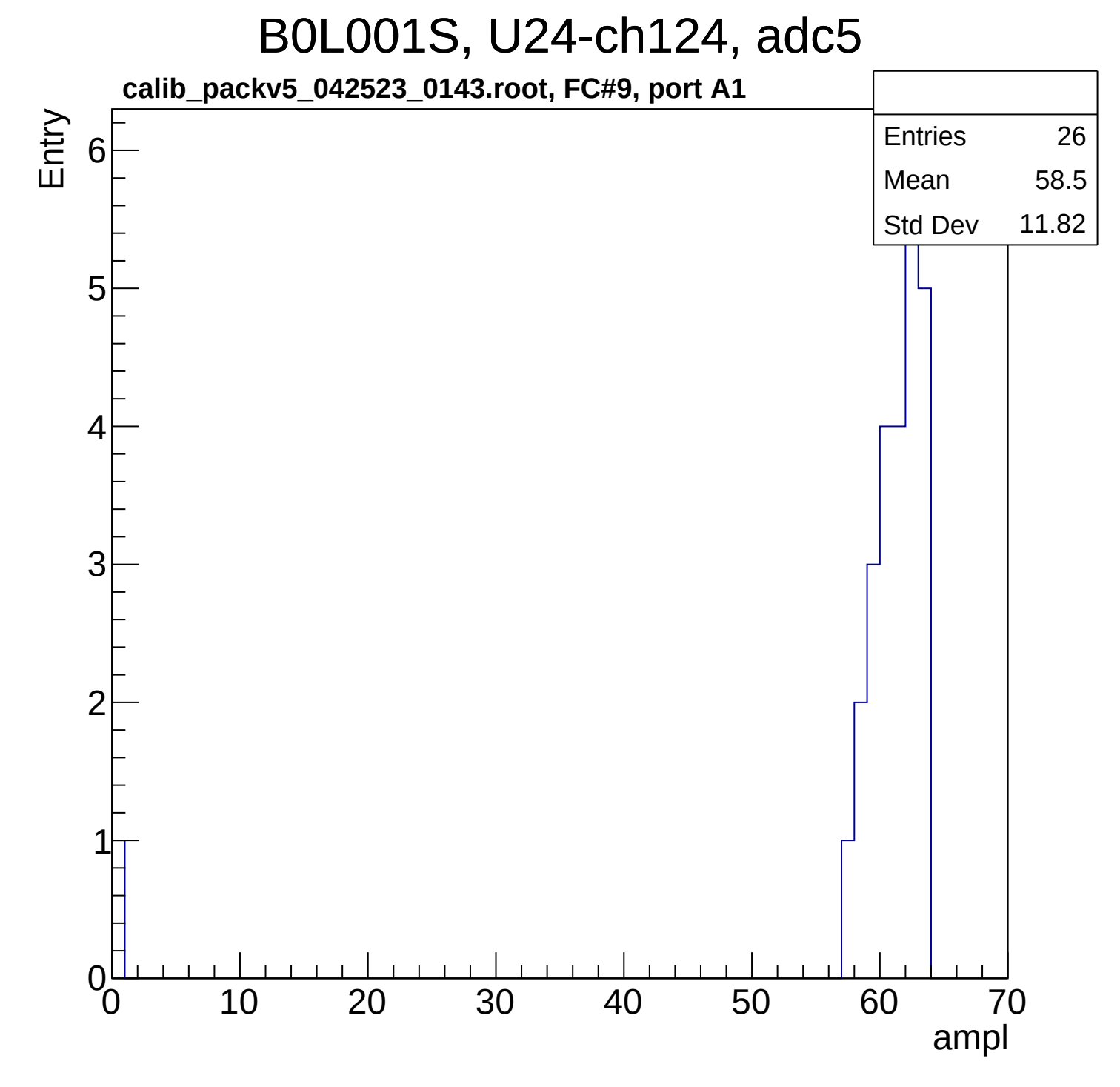
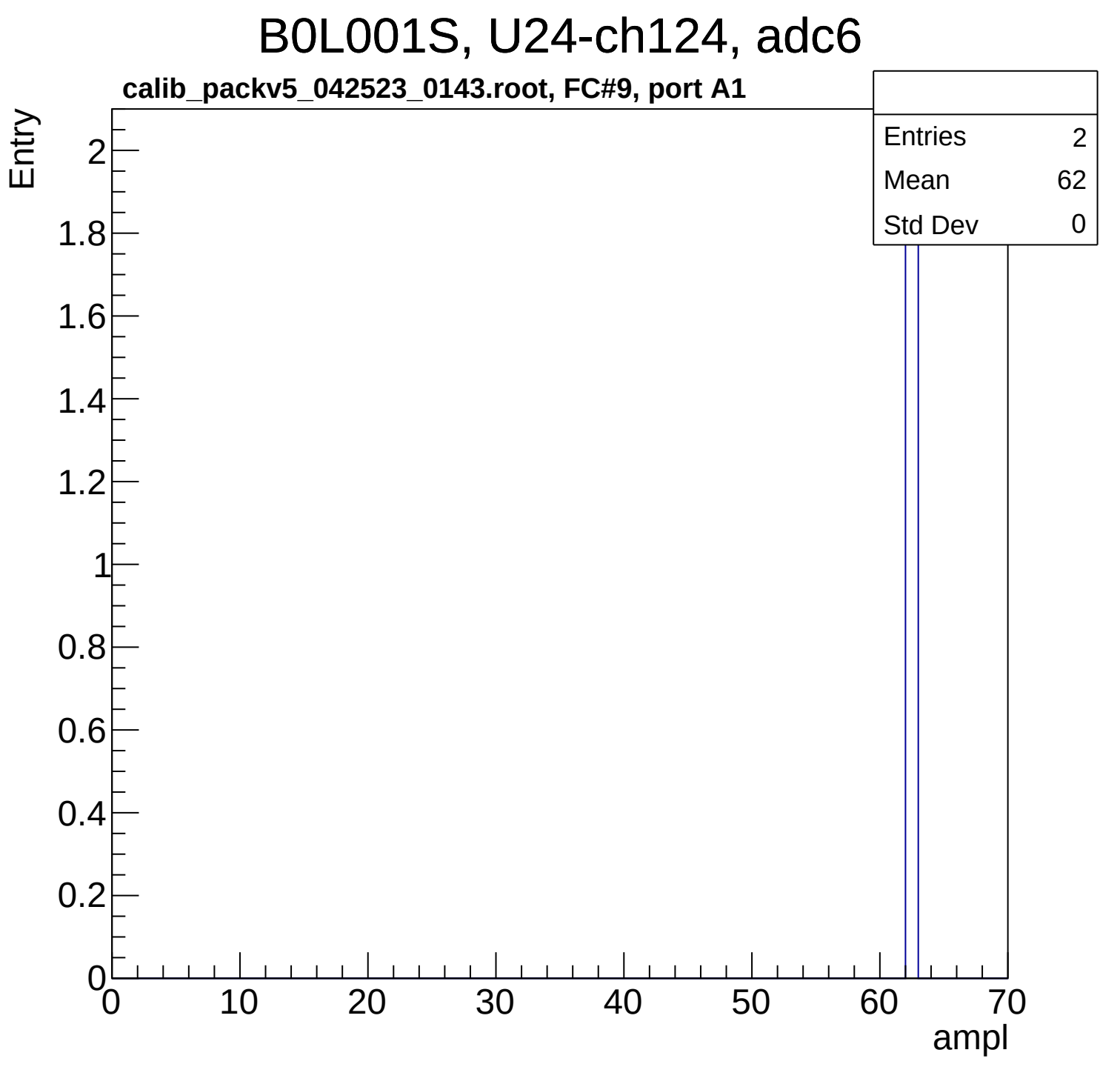
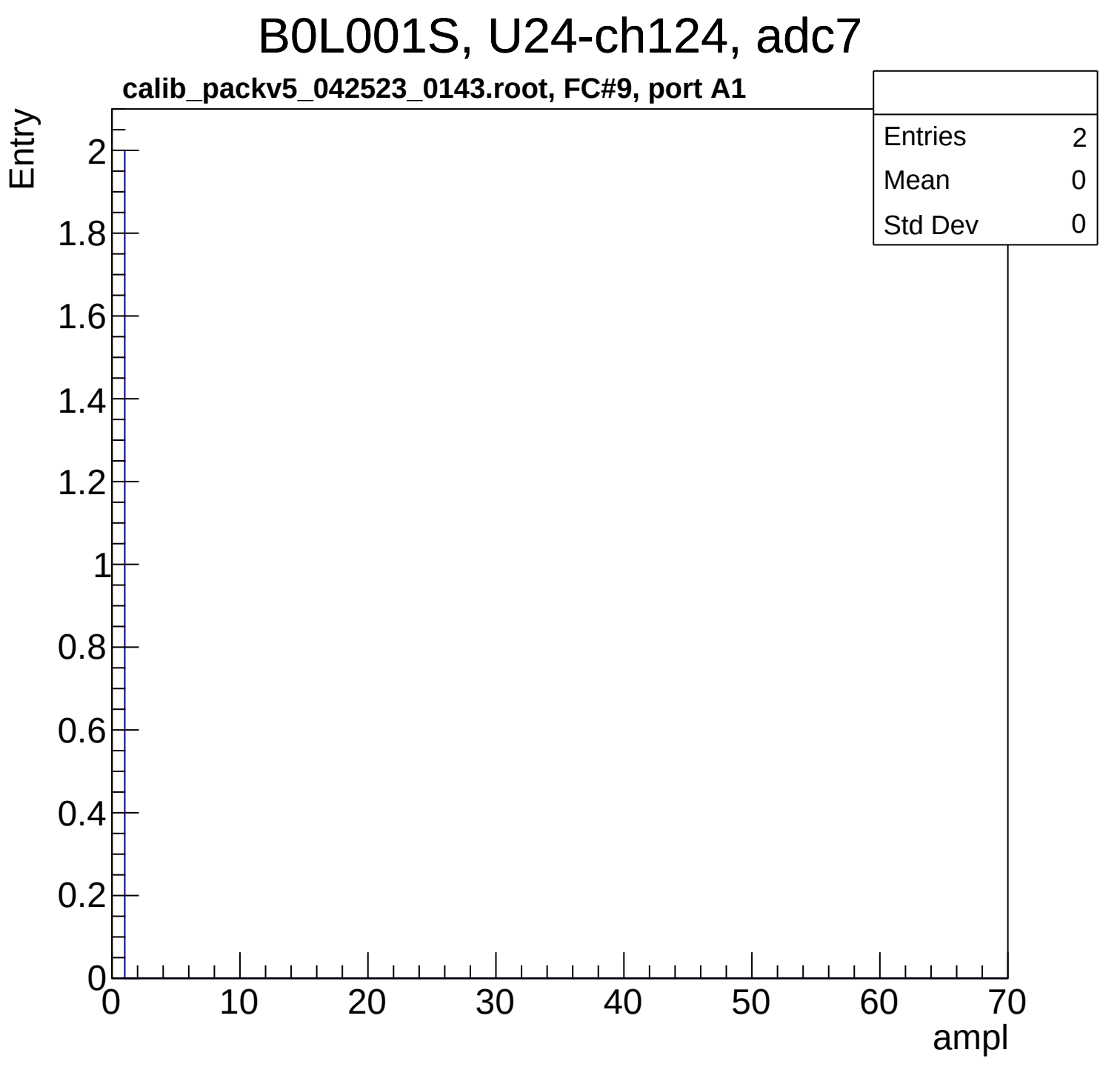
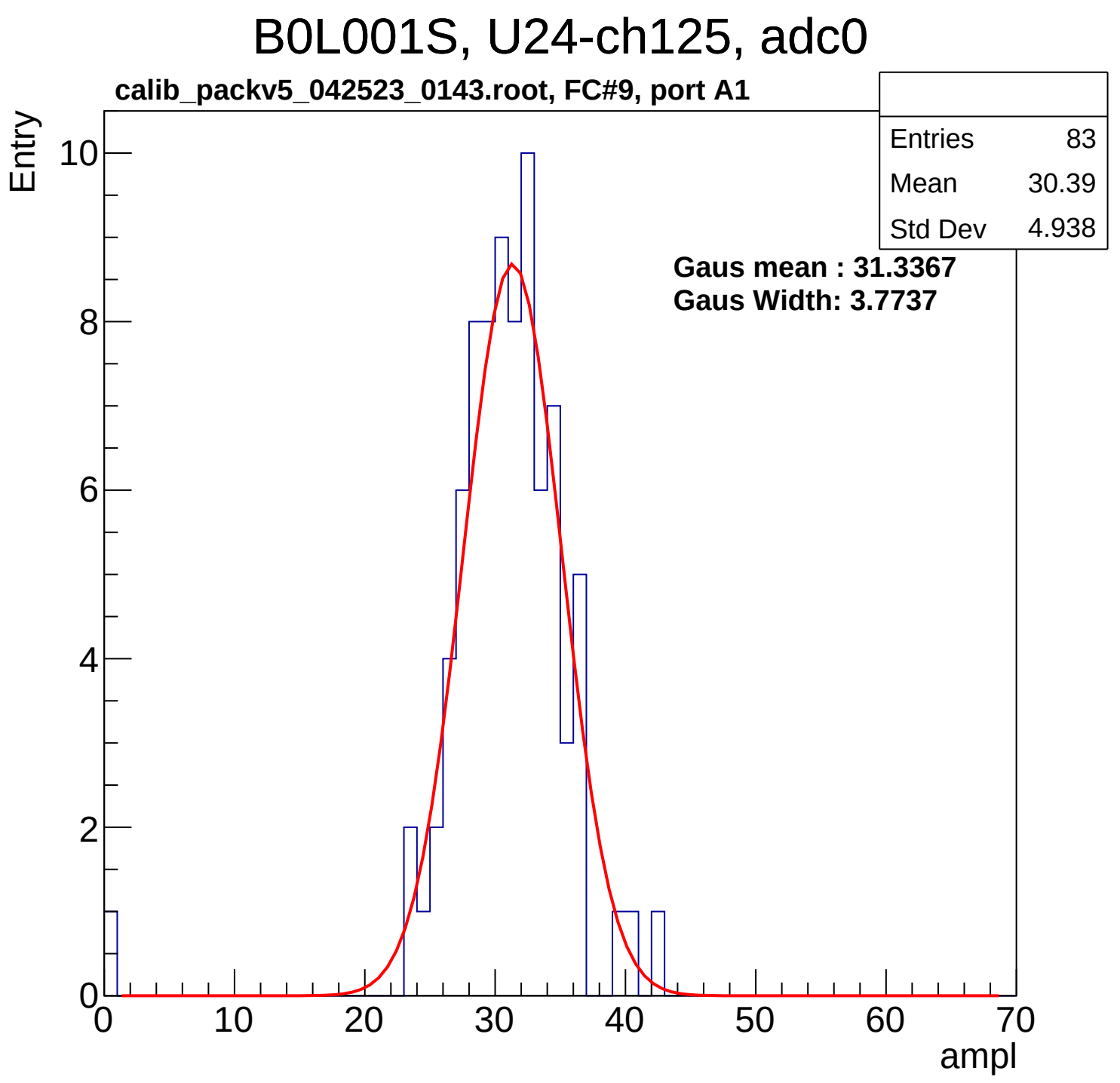

B0L001S, U24-ch124, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 53
Mean 52.62
Std Dev 3.915
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

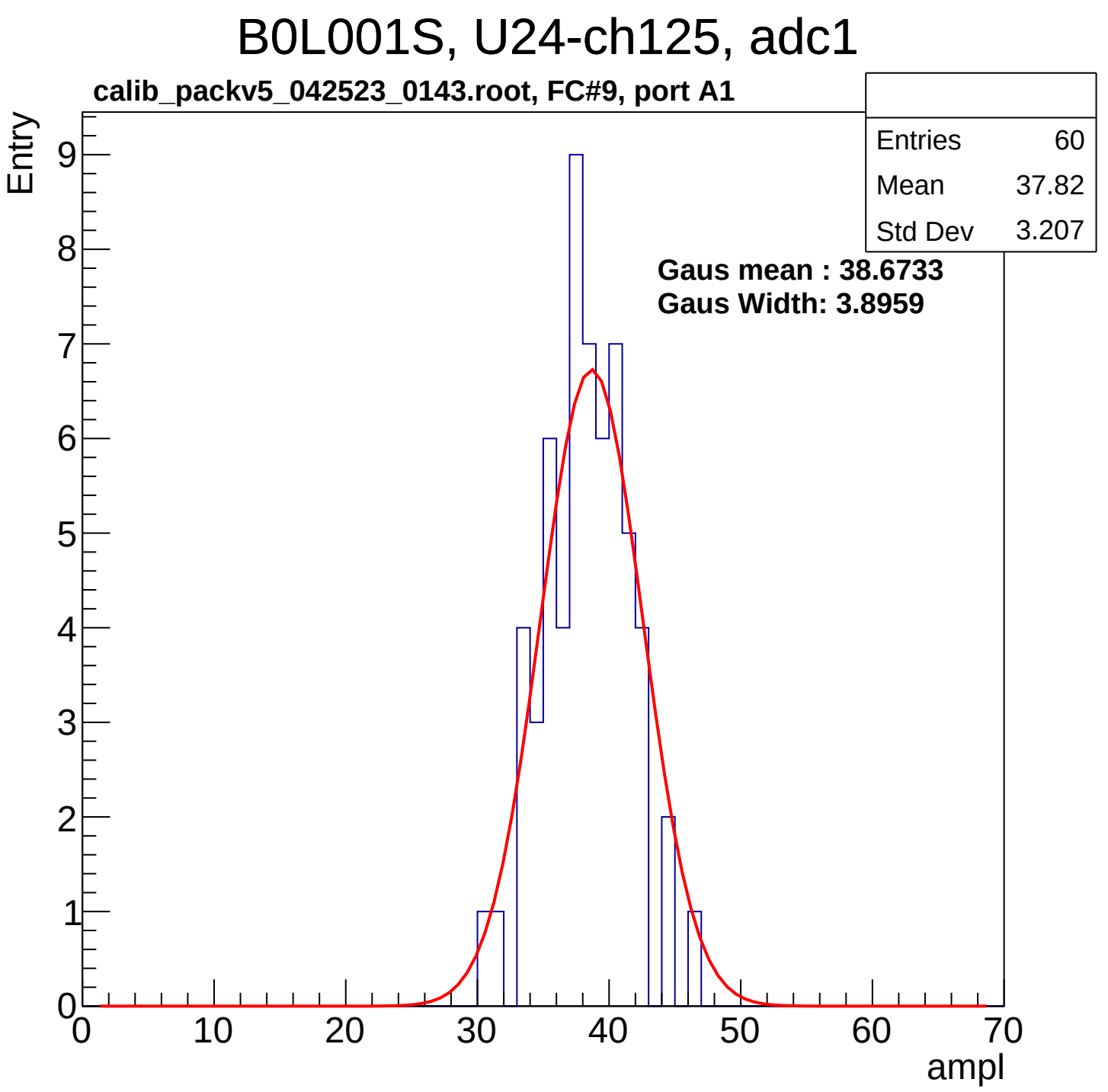

B0L001S, U24-ch124, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 59
Mean 57.25
Std Dev 3.363
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

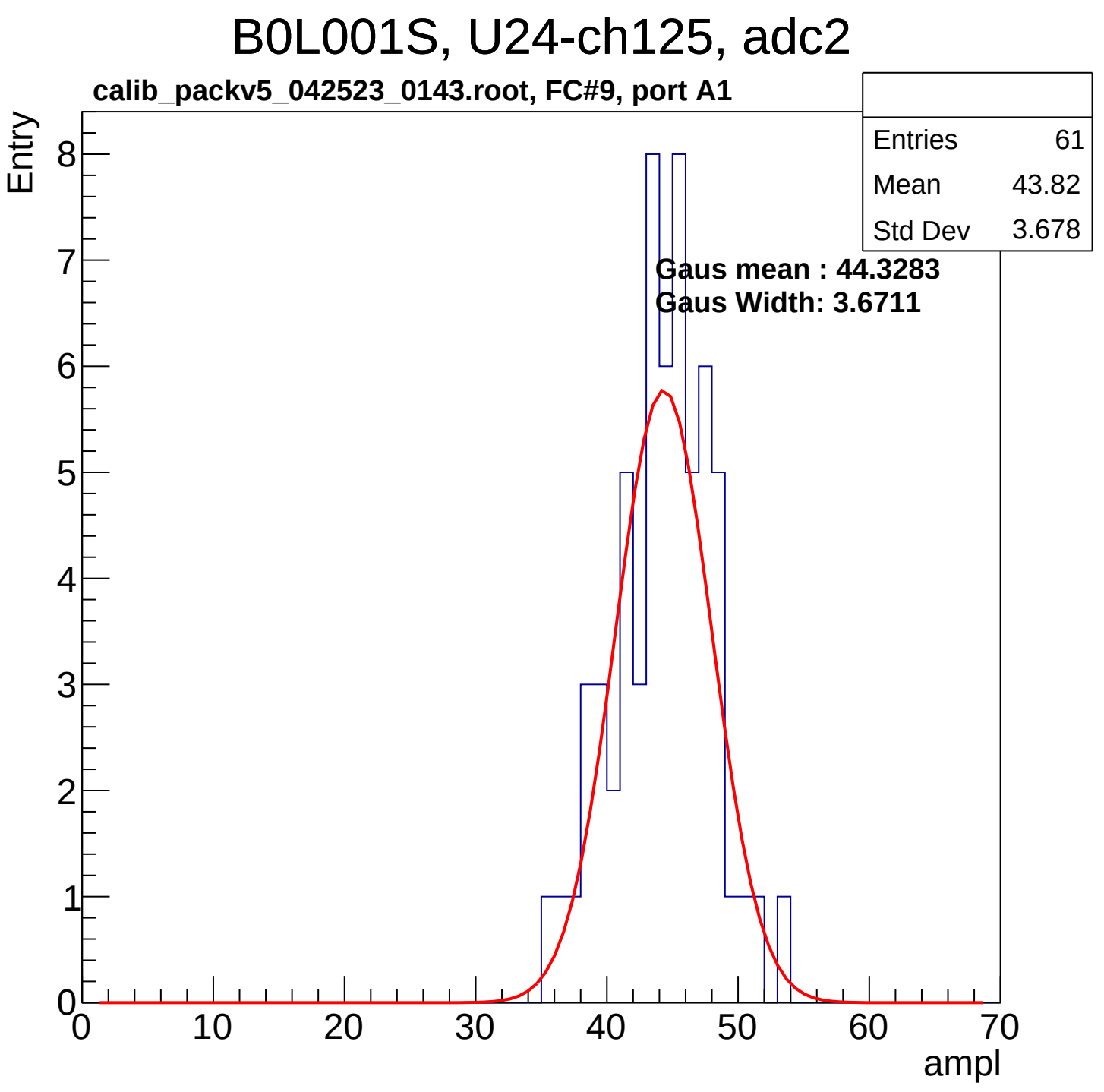

B0L001S, U24-ch124, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 26
Mean 58.5
Std Dev 11.82
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

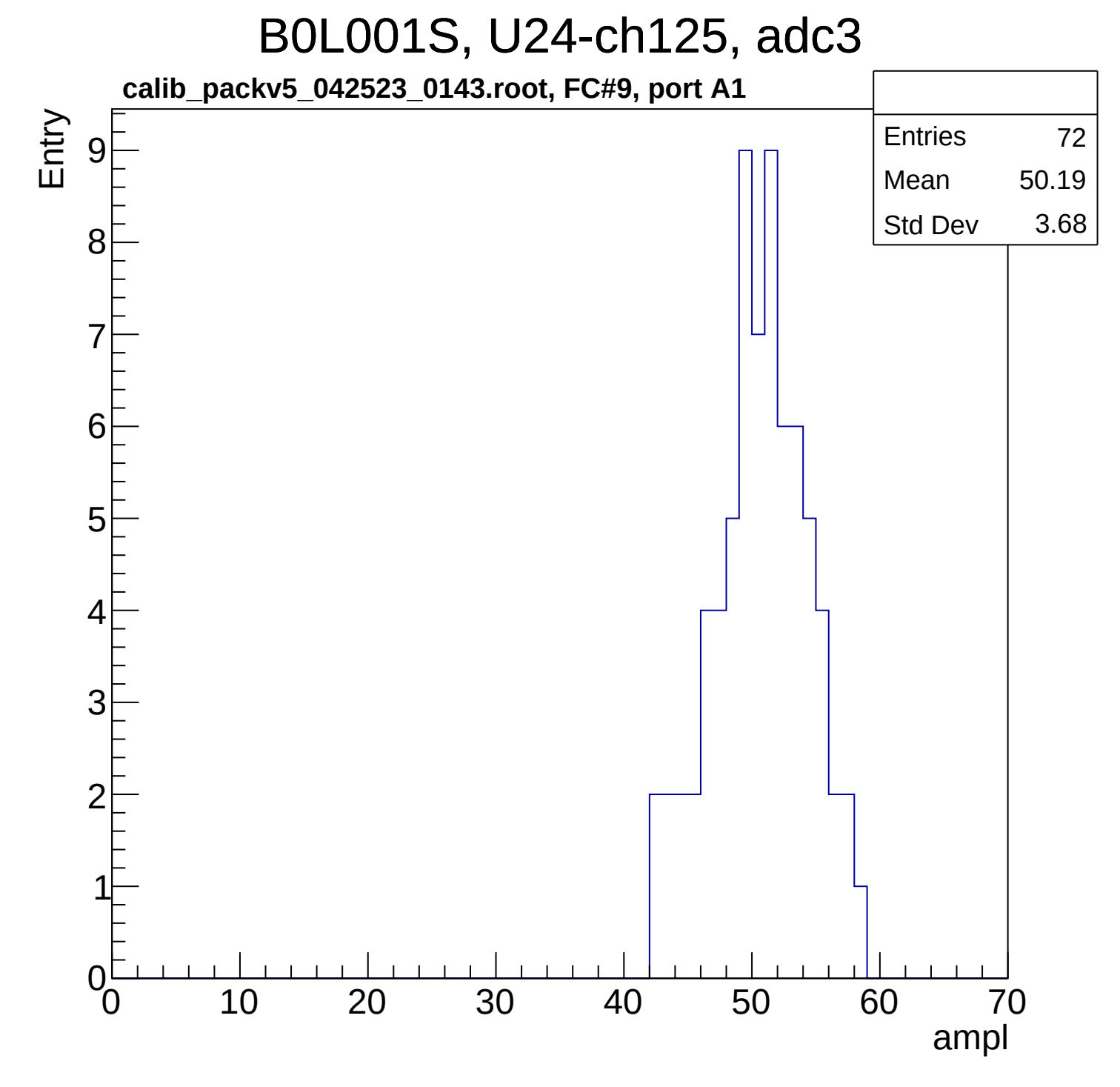

B0L001S, U24-ch124, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

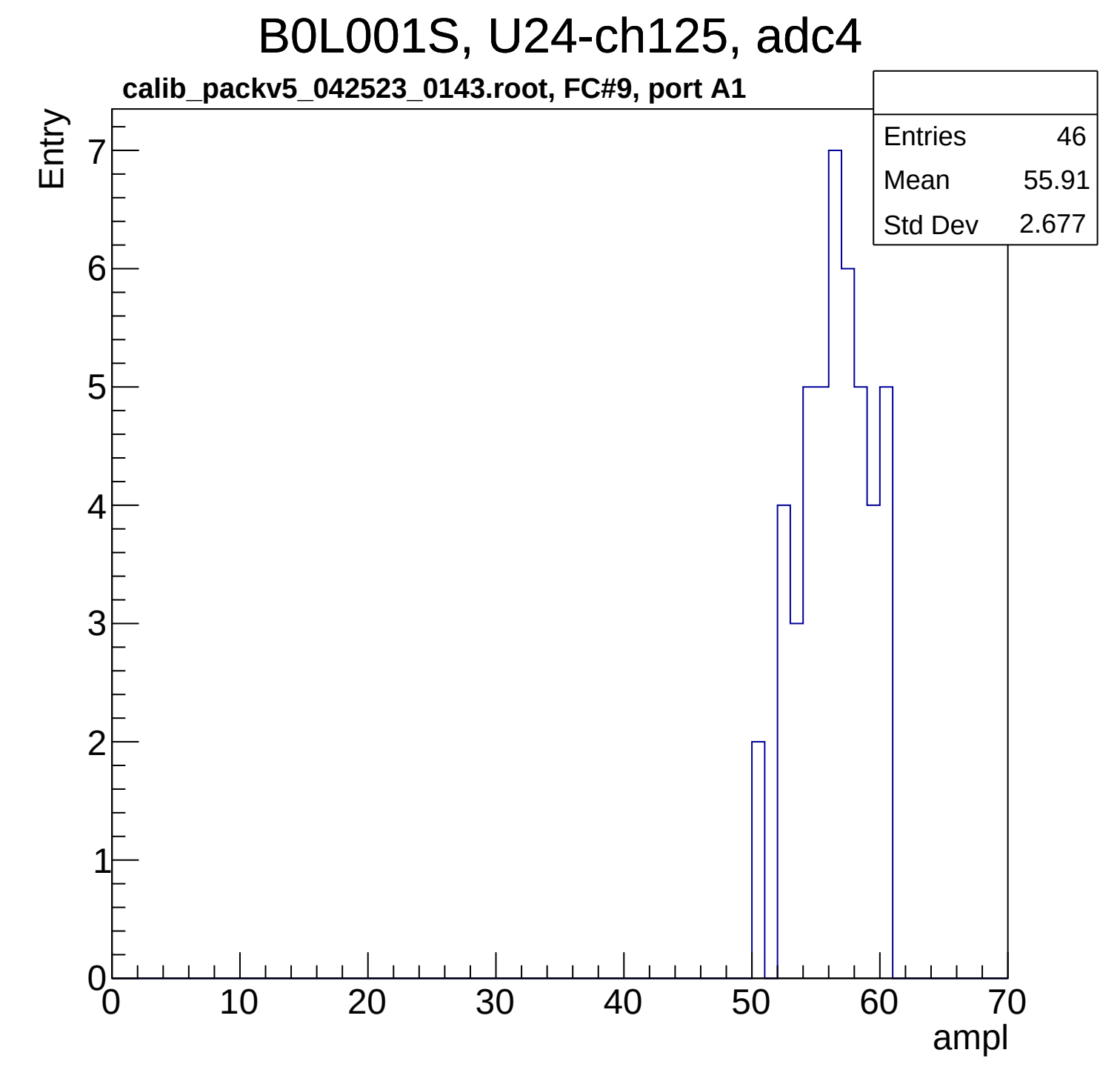

B0L001S, U24-ch124, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

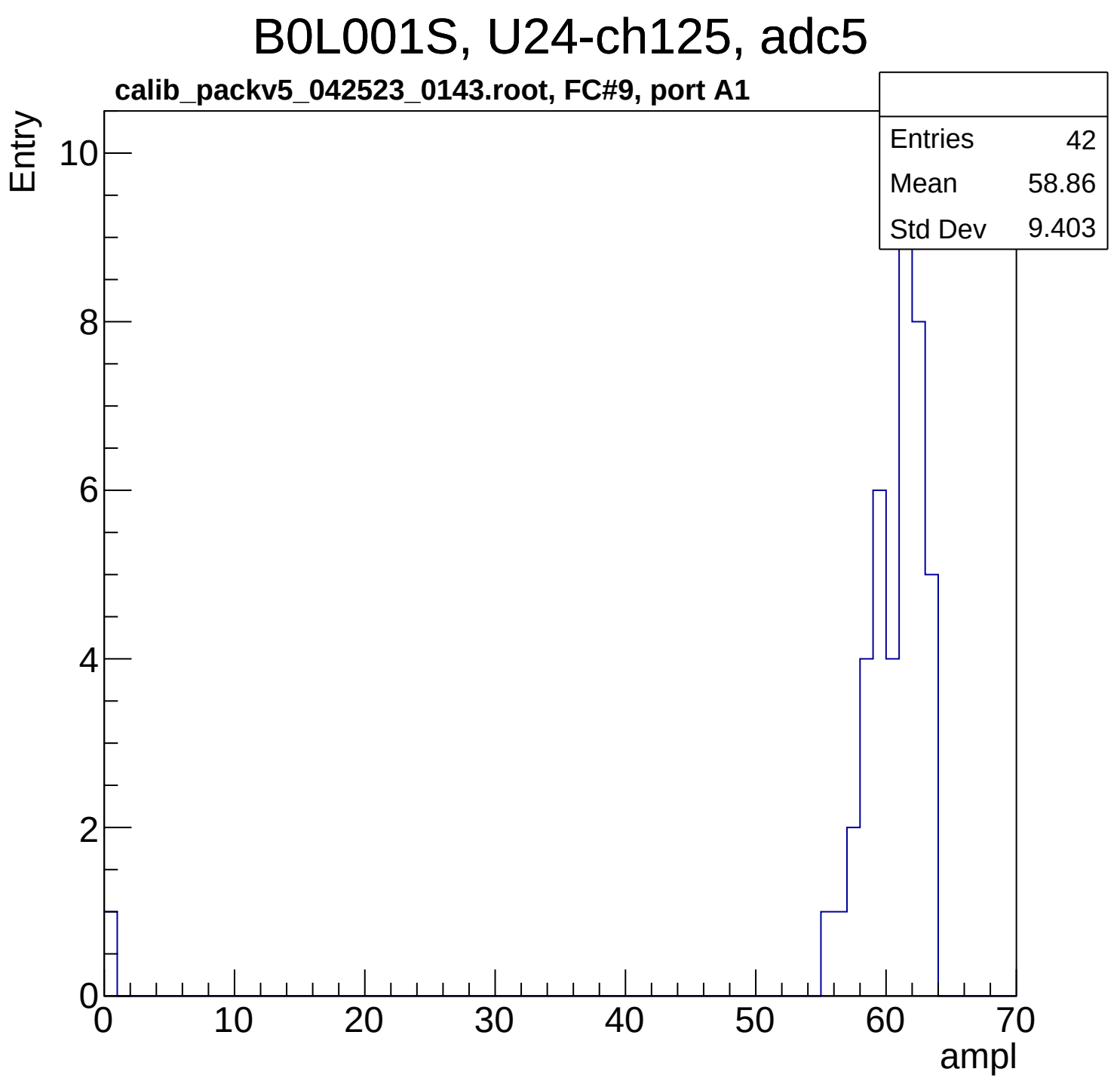

B0L001S, U24-ch125, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 83
Mean 30.39
Std Dev 4.938
Gaus mean : 31.3367
Gaus Width: 3.7737
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

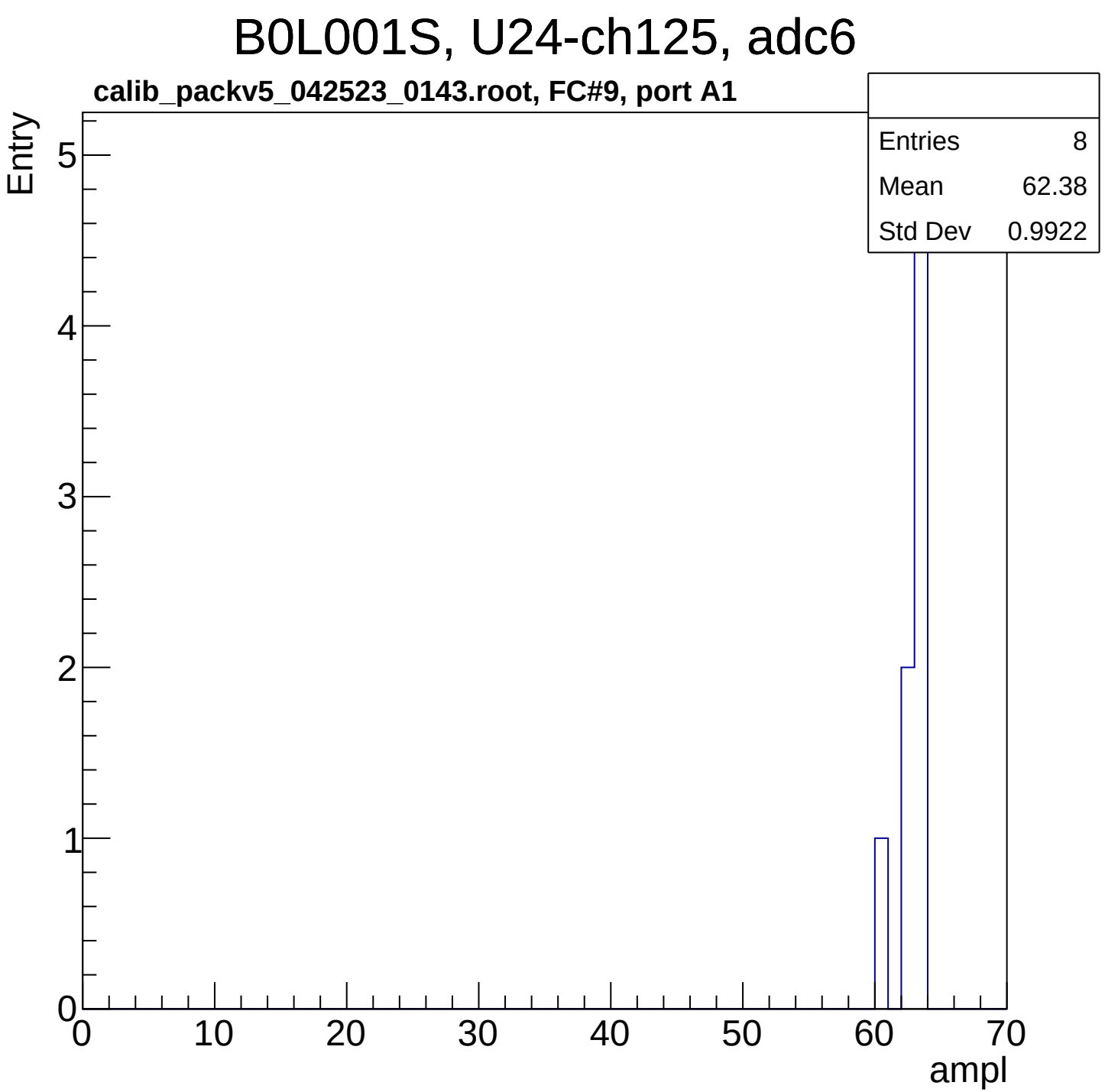

B0L001S, U24-ch125, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 60
Mean 37.82
Std Dev 3.207
Gaus mean : 38.6733
Gaus Width: 3.8959
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B0L001S, U24-ch125, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 61
Mean 43.82
Std Dev 3.678
Gaus mean : 44.3283
Gaus Width: 3.6711
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch125, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 72
Mean 50.19
Std Dev 3.68
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch125, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 46
Mean 55.91
Std Dev 2.677
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch125, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 42
Mean 58.86
Std Dev 9.403
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch125, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 8
Mean 62.38
Std Dev 0.9922
Entry
0
1
2
3
4
5
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10
20
30
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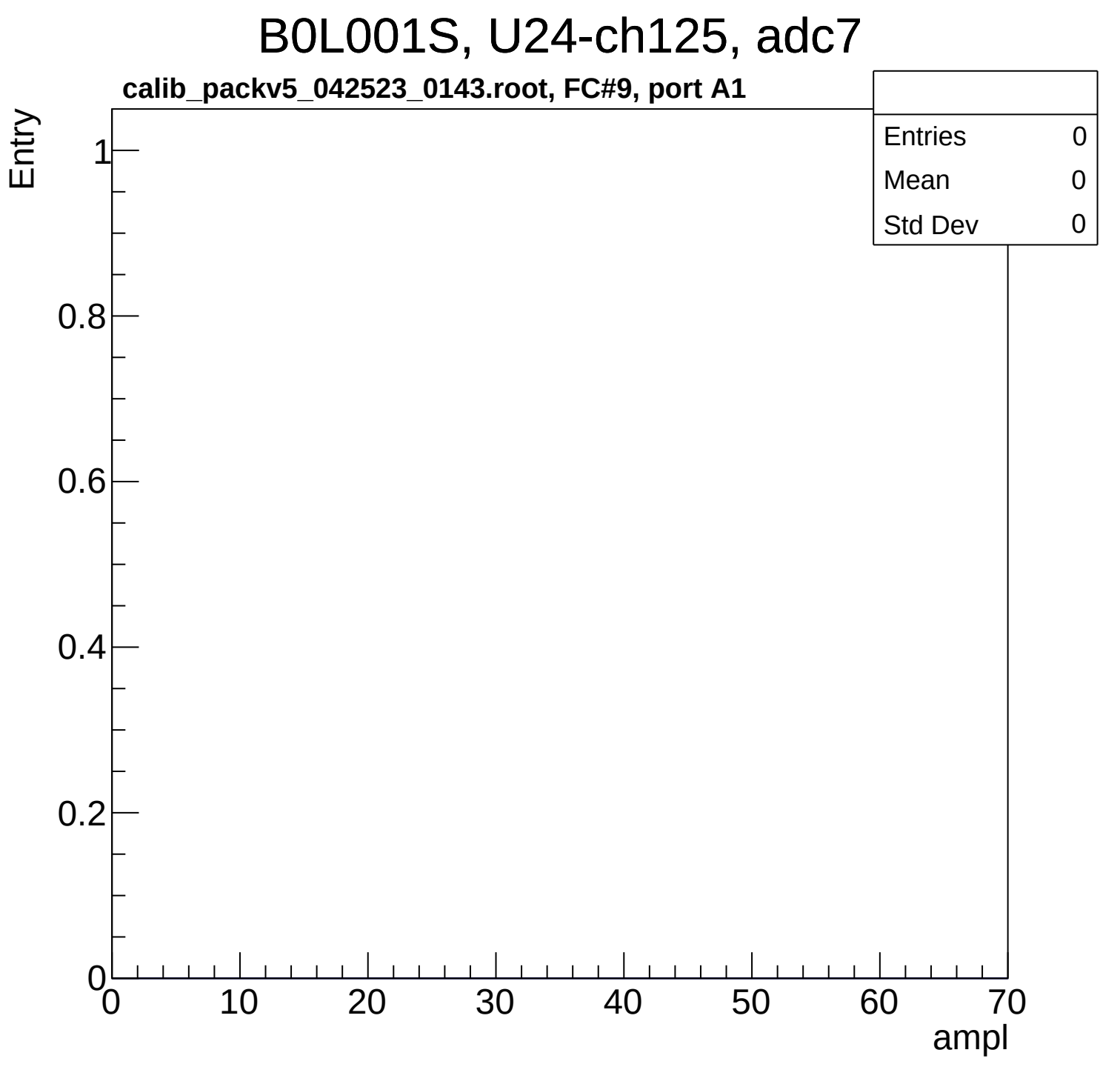
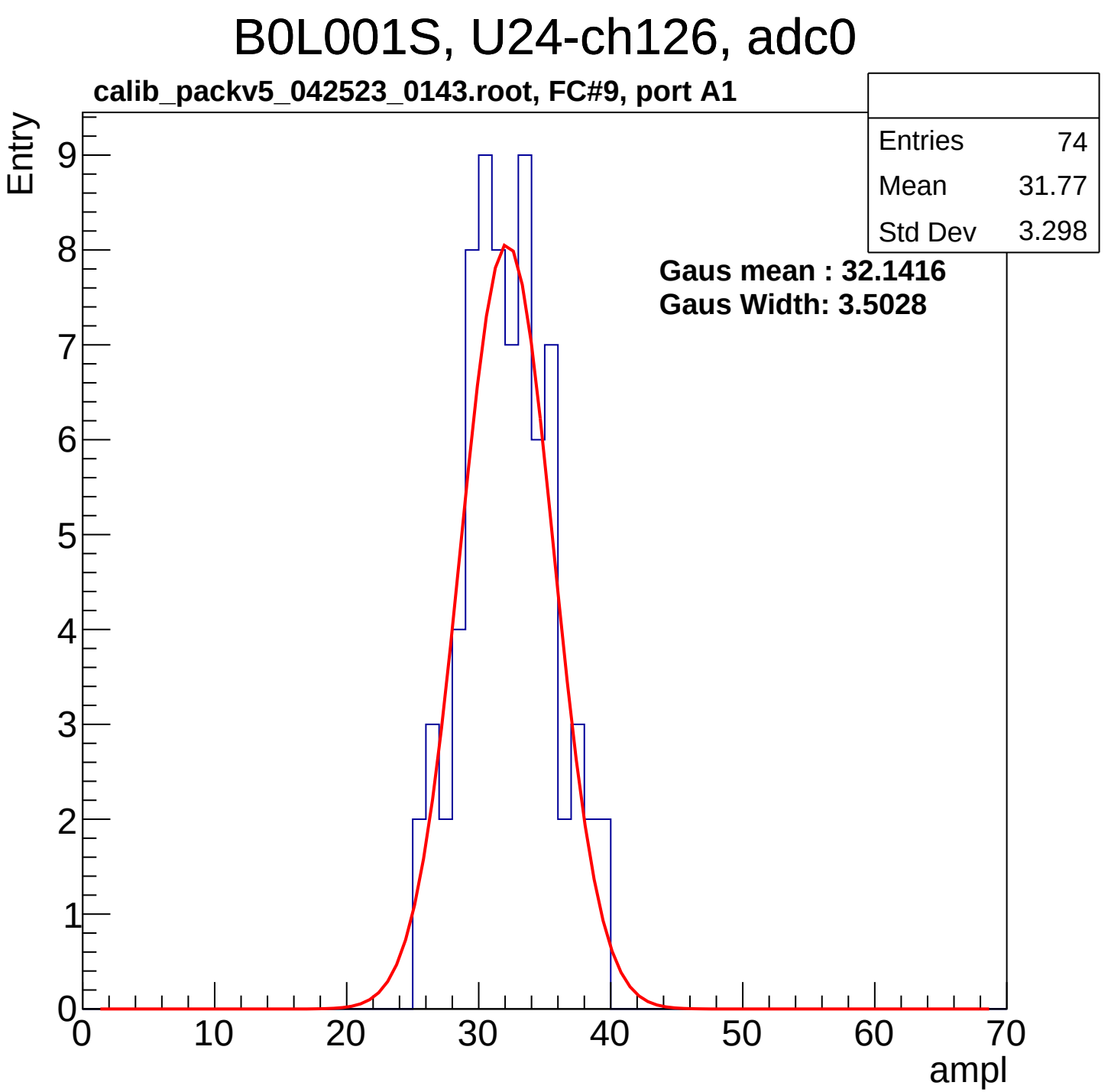
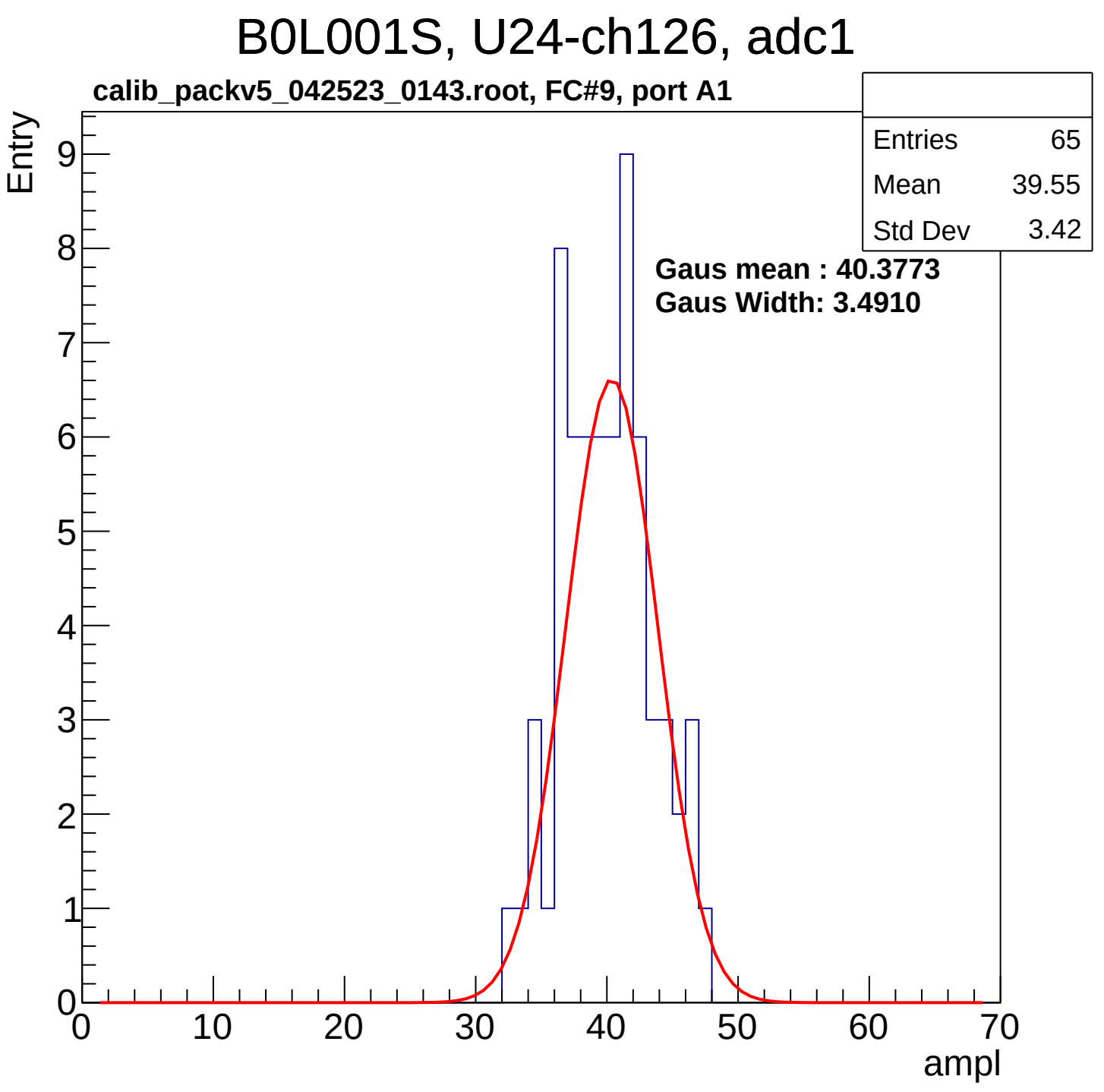
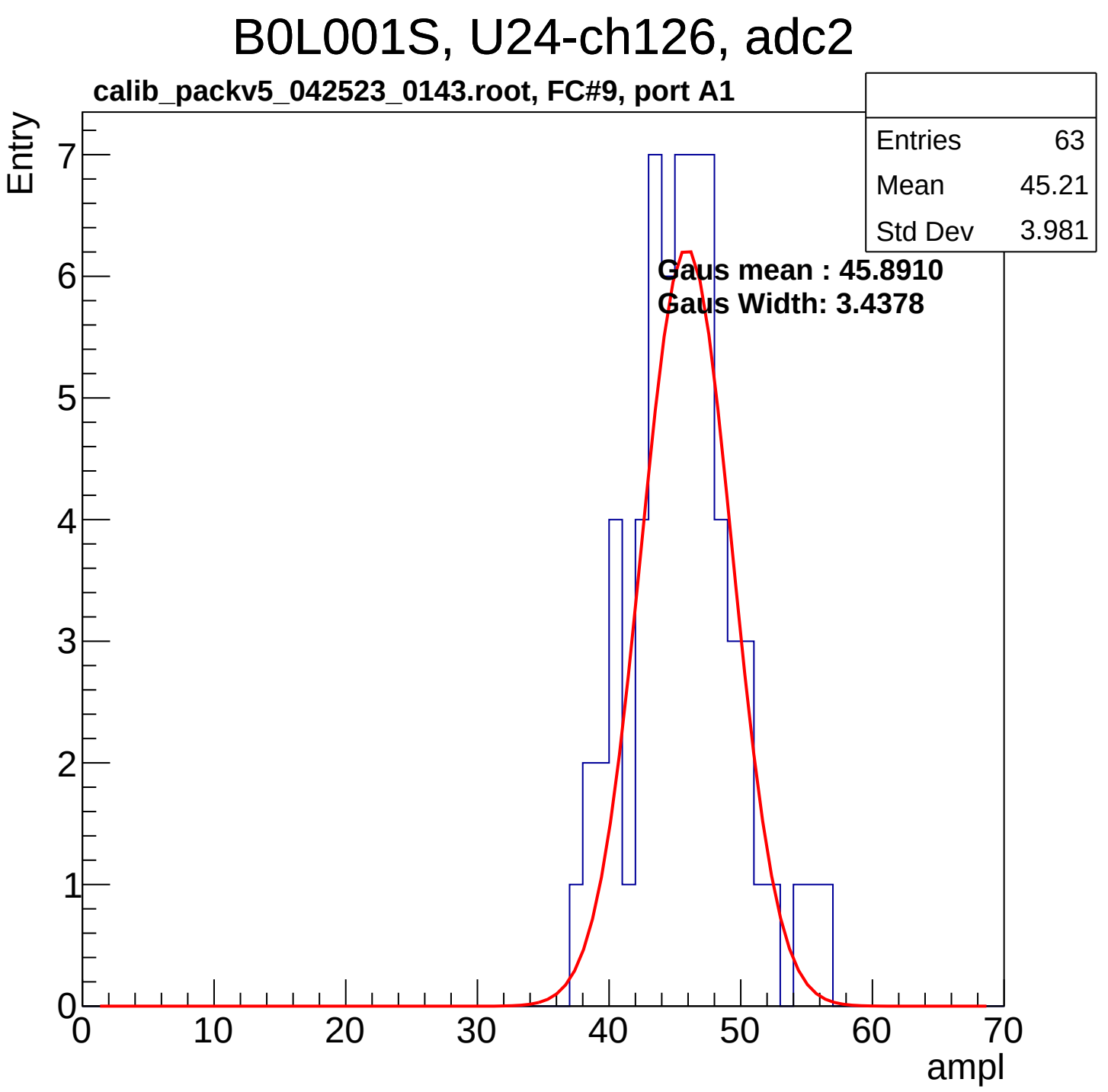
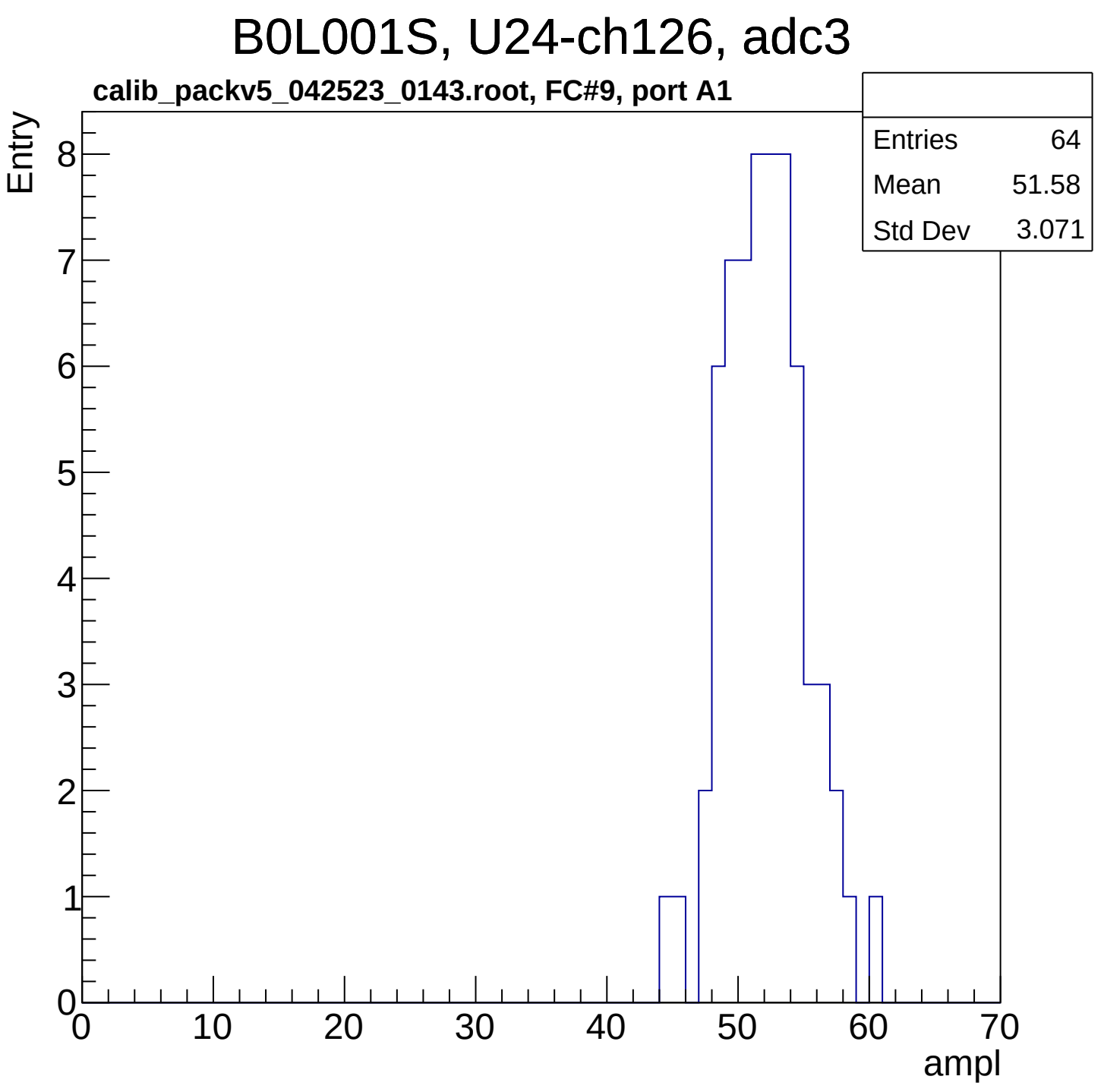
50
60
70
ampl


B0L001S, U24-ch125, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch126, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 74
Mean 31.77
Std Dev 3.298
Gaus mean : 32.1416
Gaus Width: 3.5028
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch126, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 39.55
Std Dev 3.42
Gaus mean : 40.3773
Gaus Width: 3.4910
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch126, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 63
Mean 45.21
Std Dev 3.981
Gaus mean : 45.8910
Gaus Width: 3.4378
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B0L001S, U24-ch126, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 64
Mean 51.58
Std Dev 3.071
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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60
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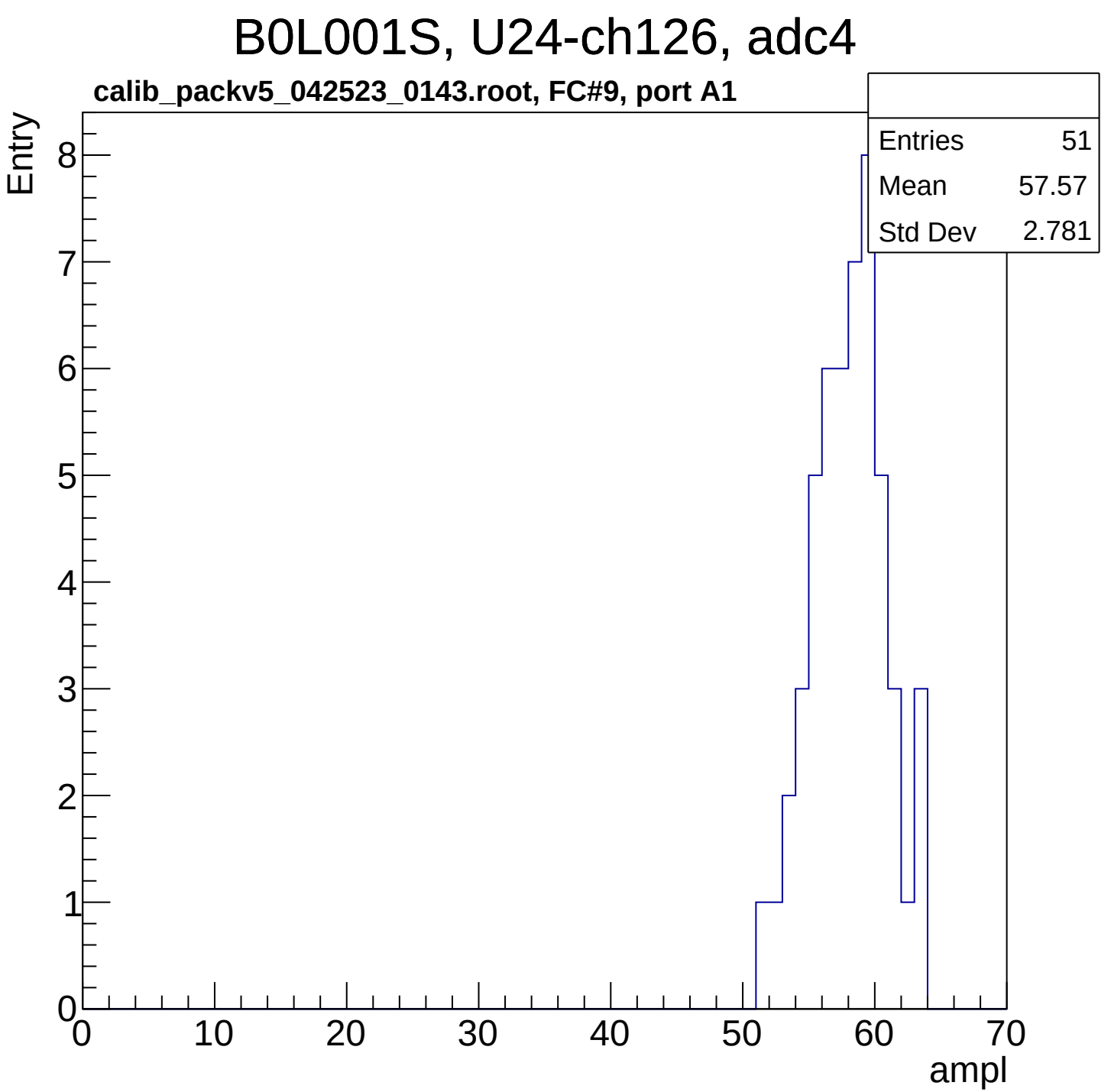
B0L001S, U24-ch126, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 51
Mean 57.57
Std Dev 2.781
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
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60
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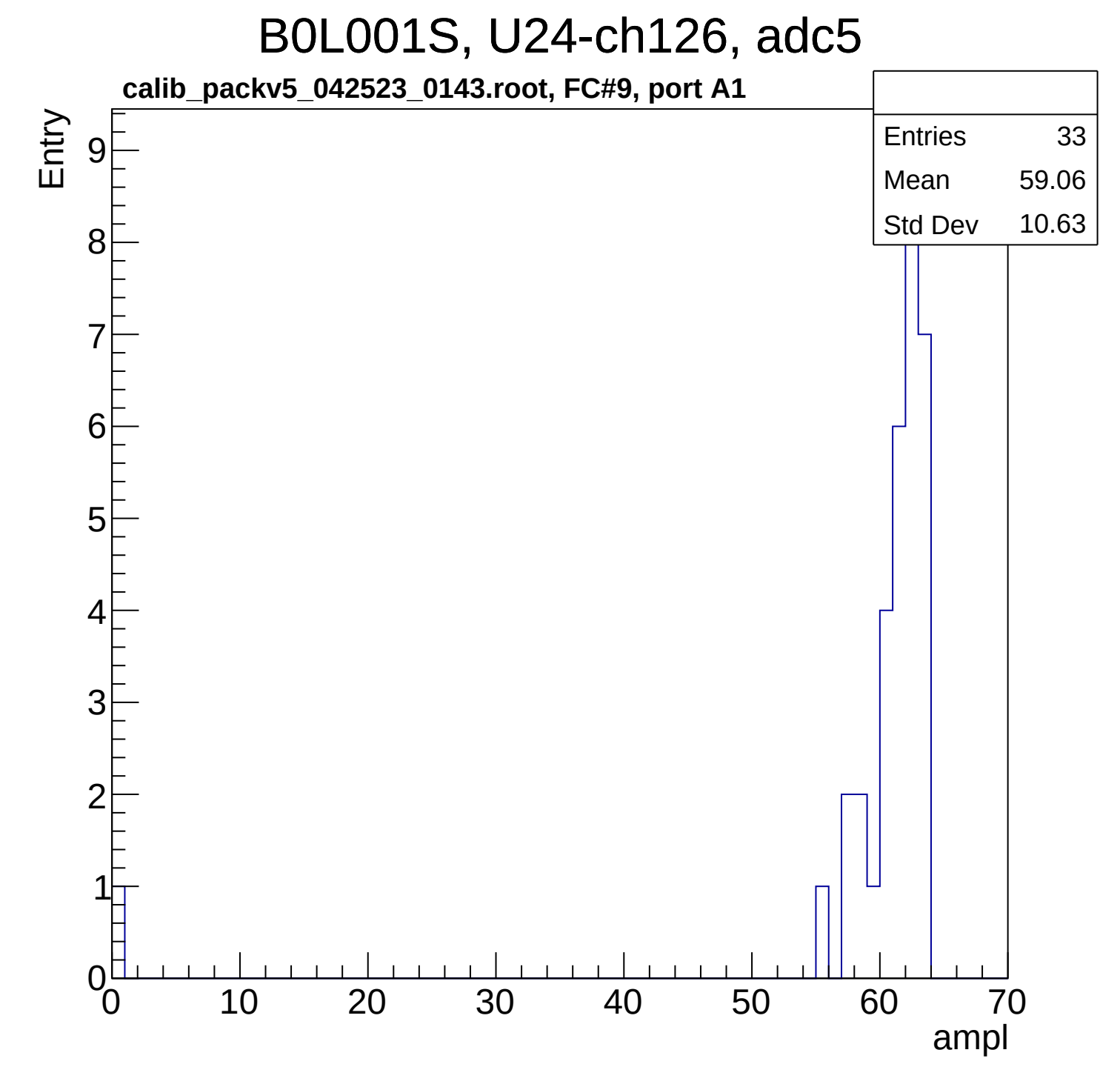
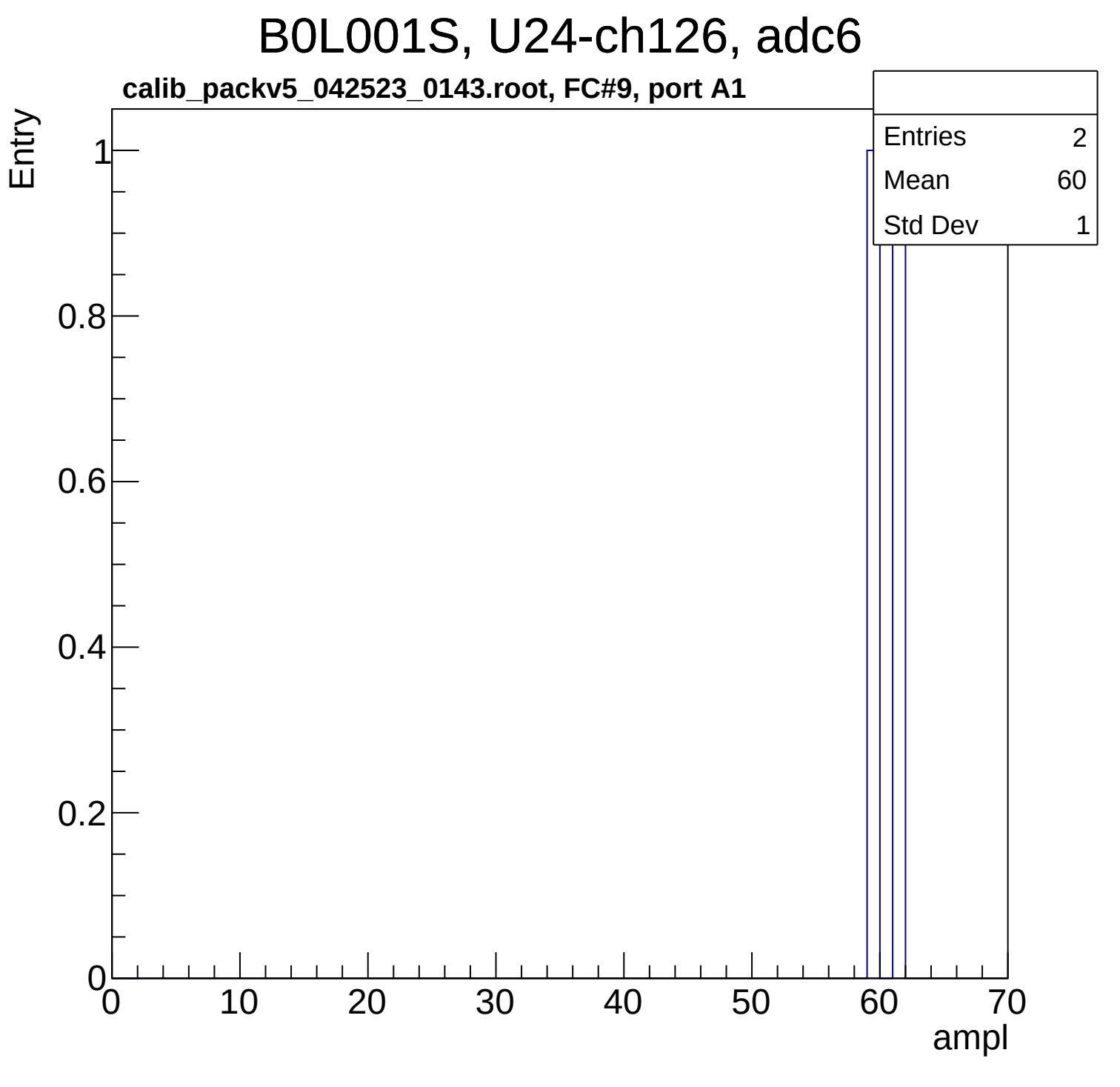
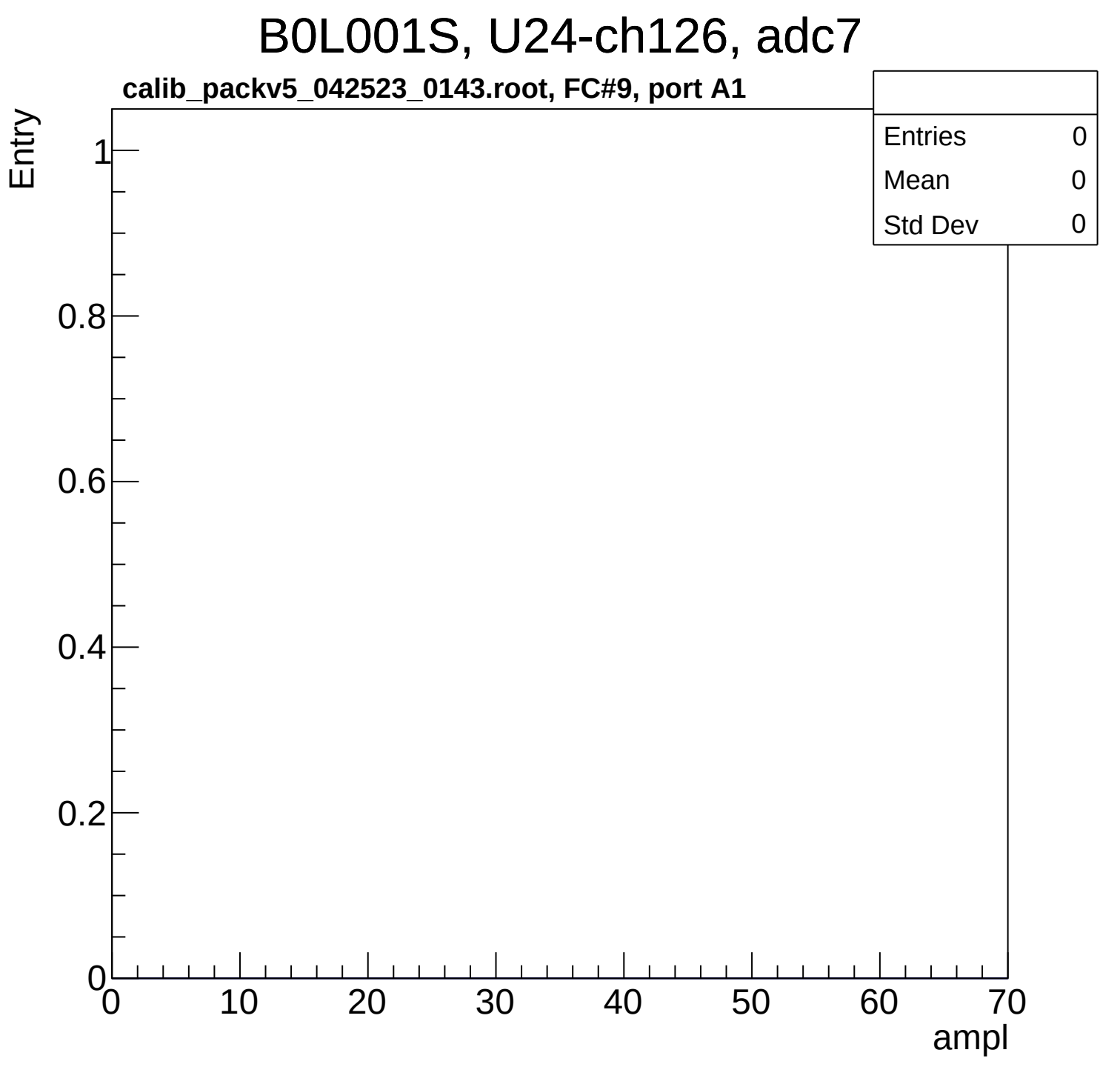

B0L001S, U24-ch126, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 33
Mean 59.06
Std Dev 10.63
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch126, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 60
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch126, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 0
Mean 0
Std Dev 0
Entry
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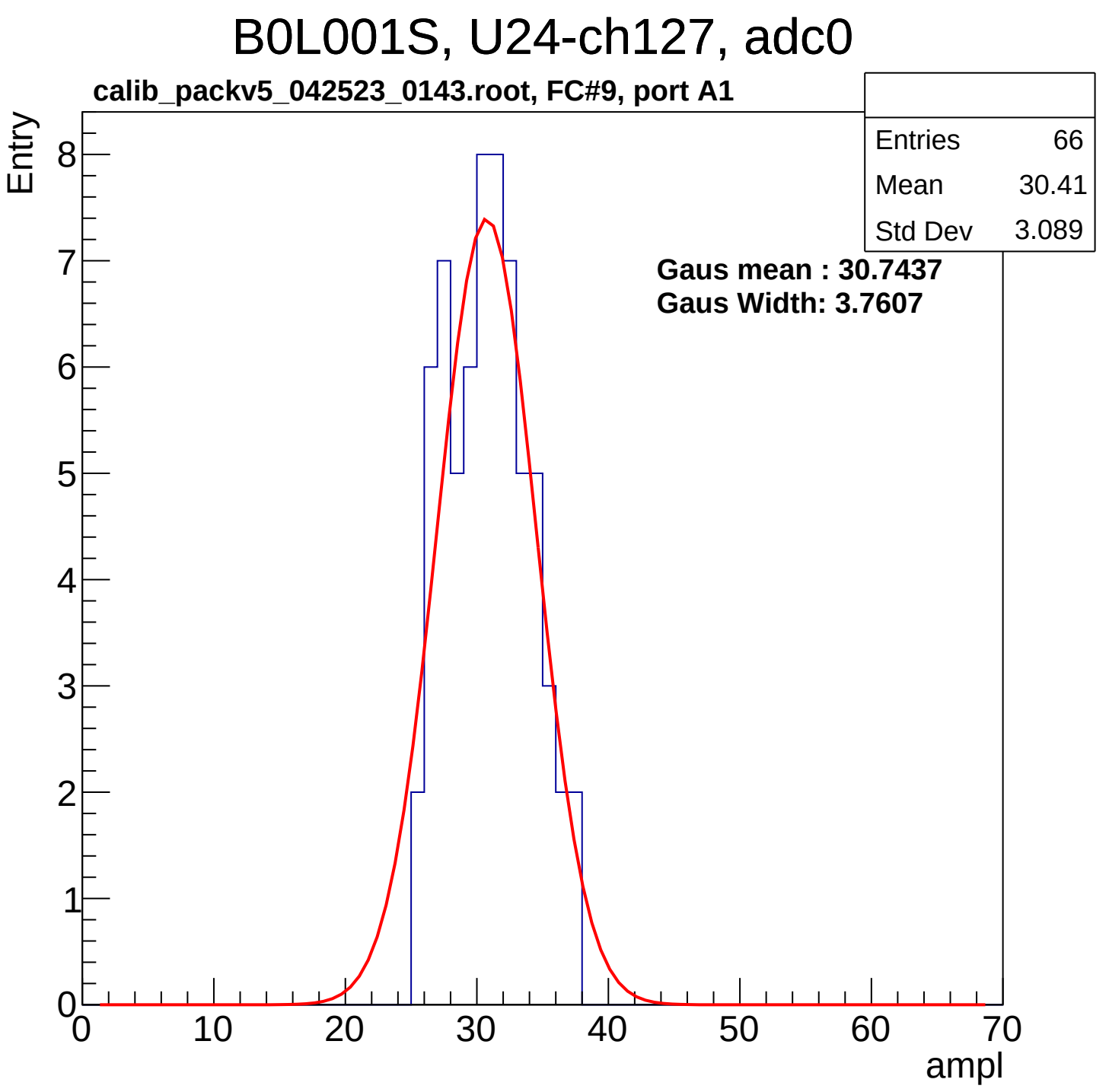
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch127, adc0
calib_packv5_042523_0143.root, FC#9, port A1
Entries 66
Mean 30.41
Std Dev 3.089
Gaus mean : 30.7437
Gaus Width: 3.7607
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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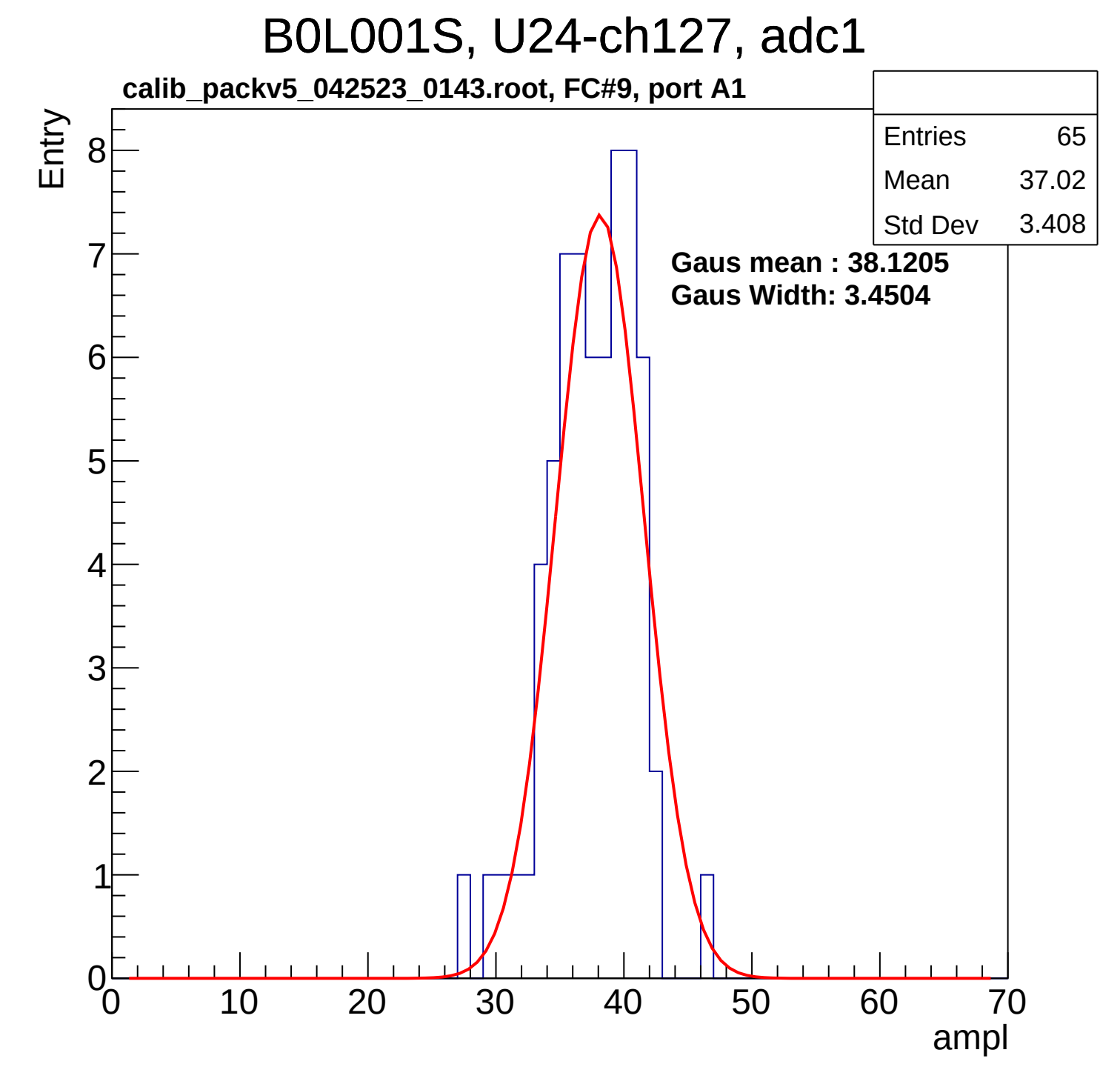
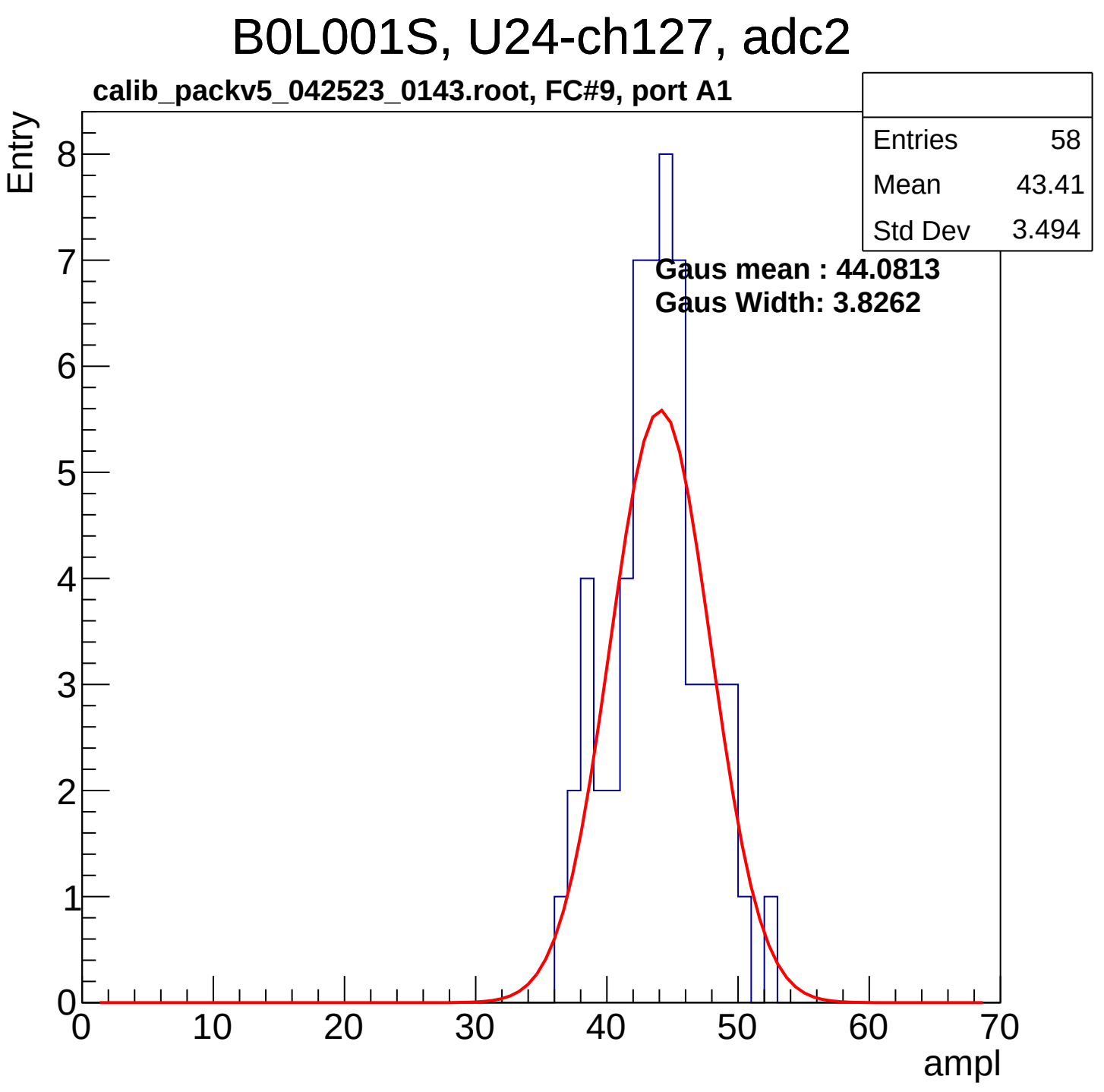
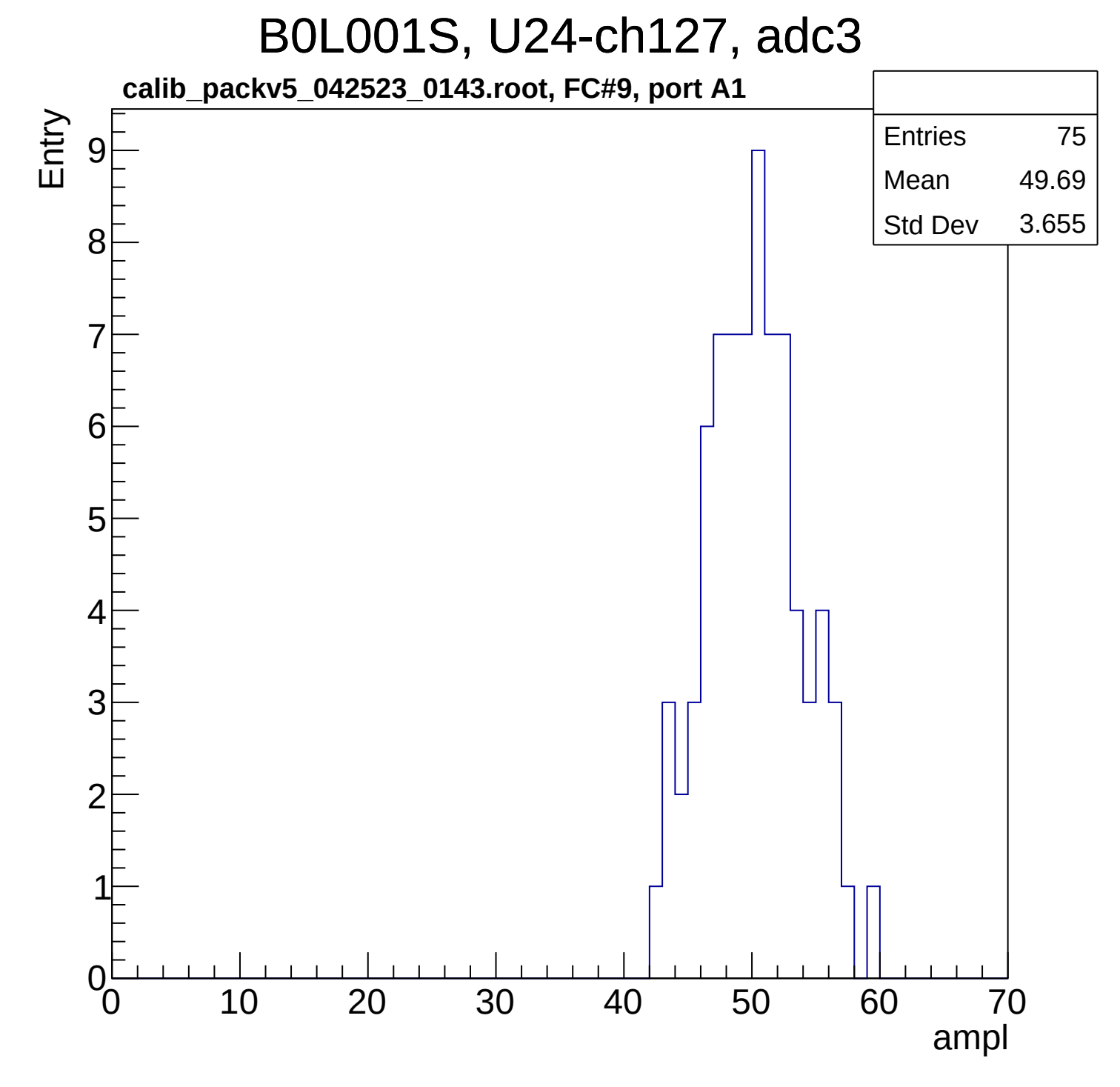
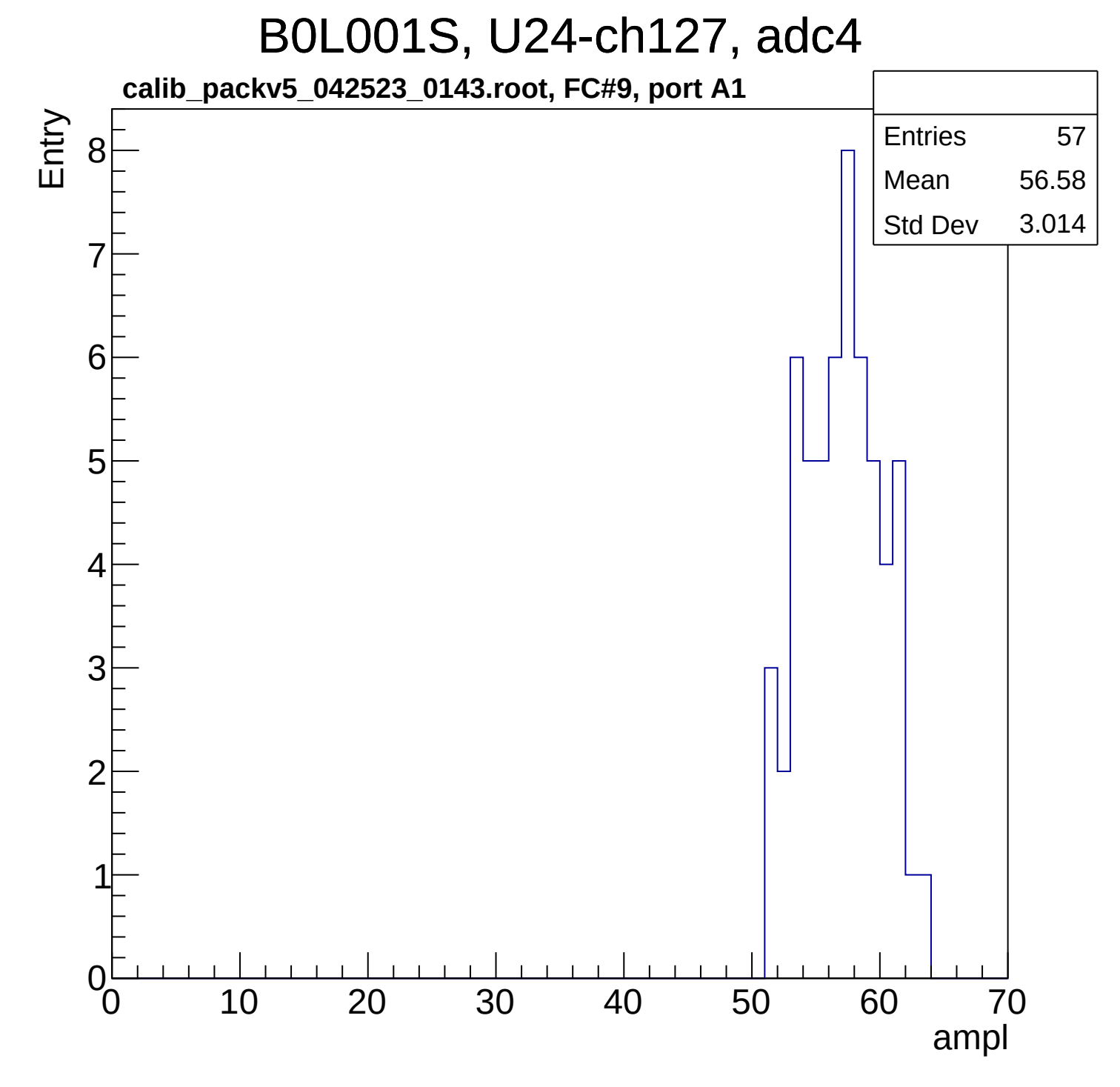
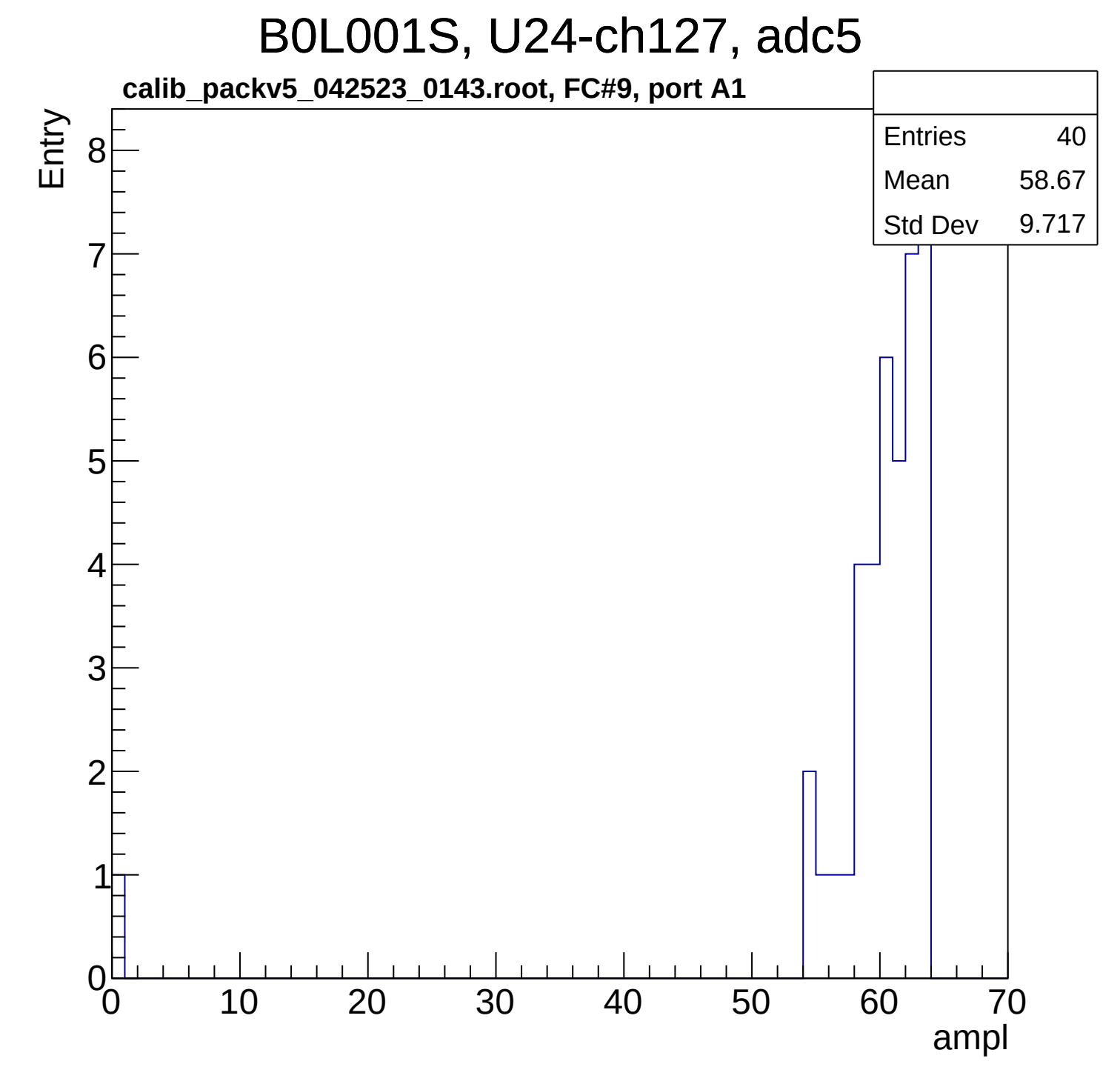
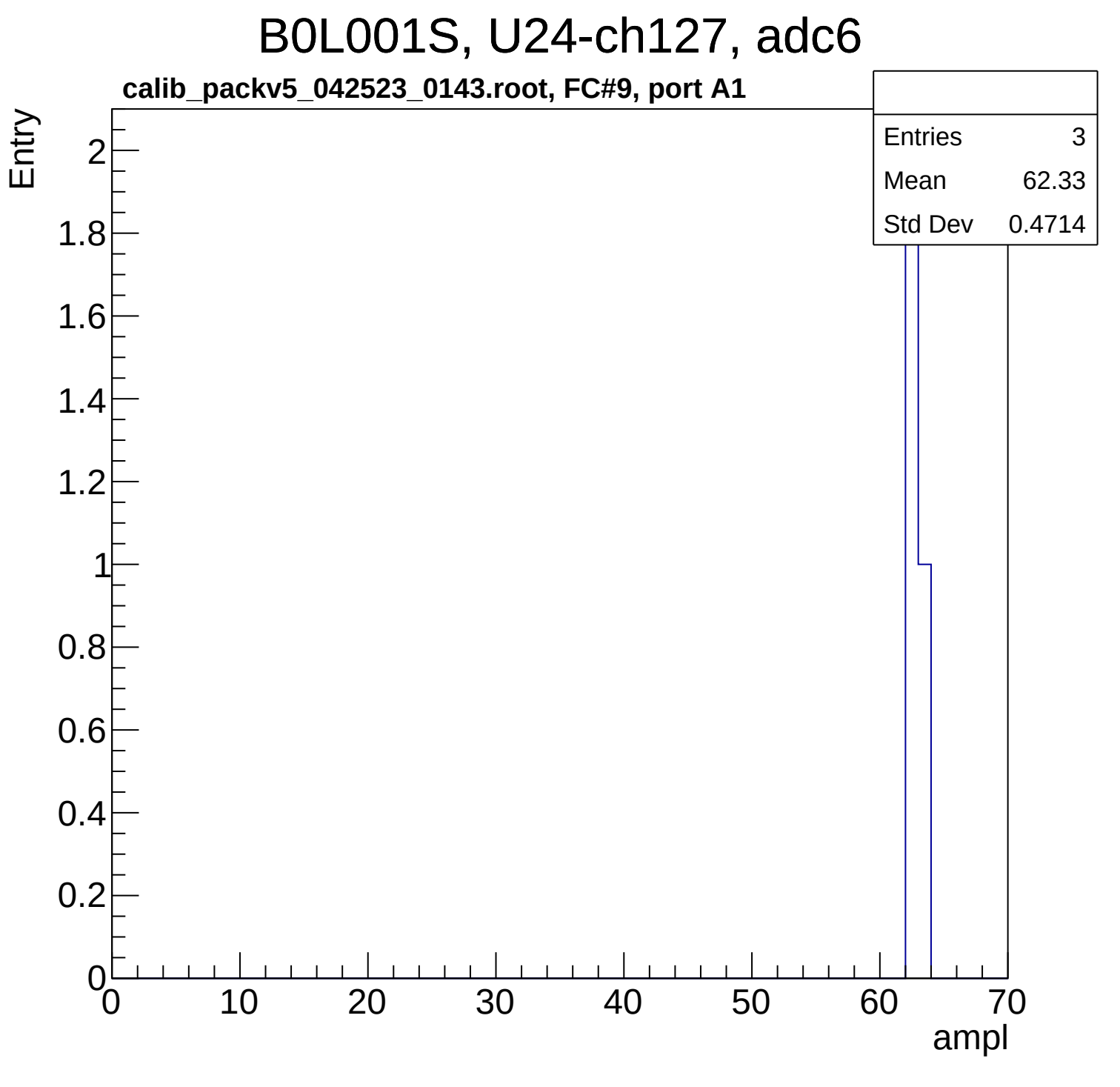

B0L001S, U24-ch127, adc1
calib_packv5_042523_0143.root, FC#9, port A1
Entries 65
Mean 37.02
Std Dev 3.408
Gaus mean : 38.1205
Gaus Width: 3.4504
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

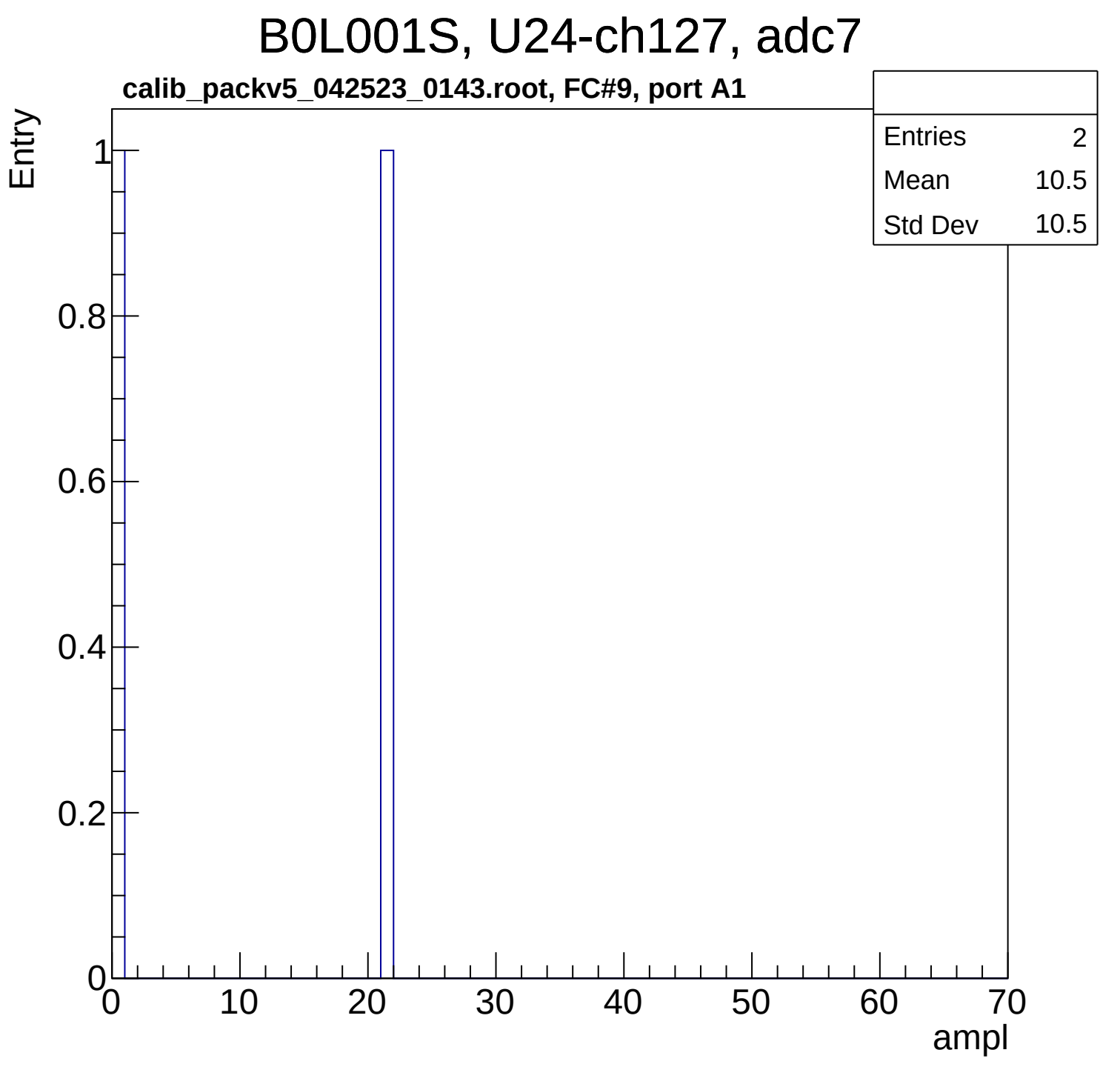

B0L001S, U24-ch127, adc2
calib_packv5_042523_0143.root, FC#9, port A1
Entries 58
Mean 43.41
Std Dev 3.494
Gaus mean : 44.0813
Gaus Width: 3.8262
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

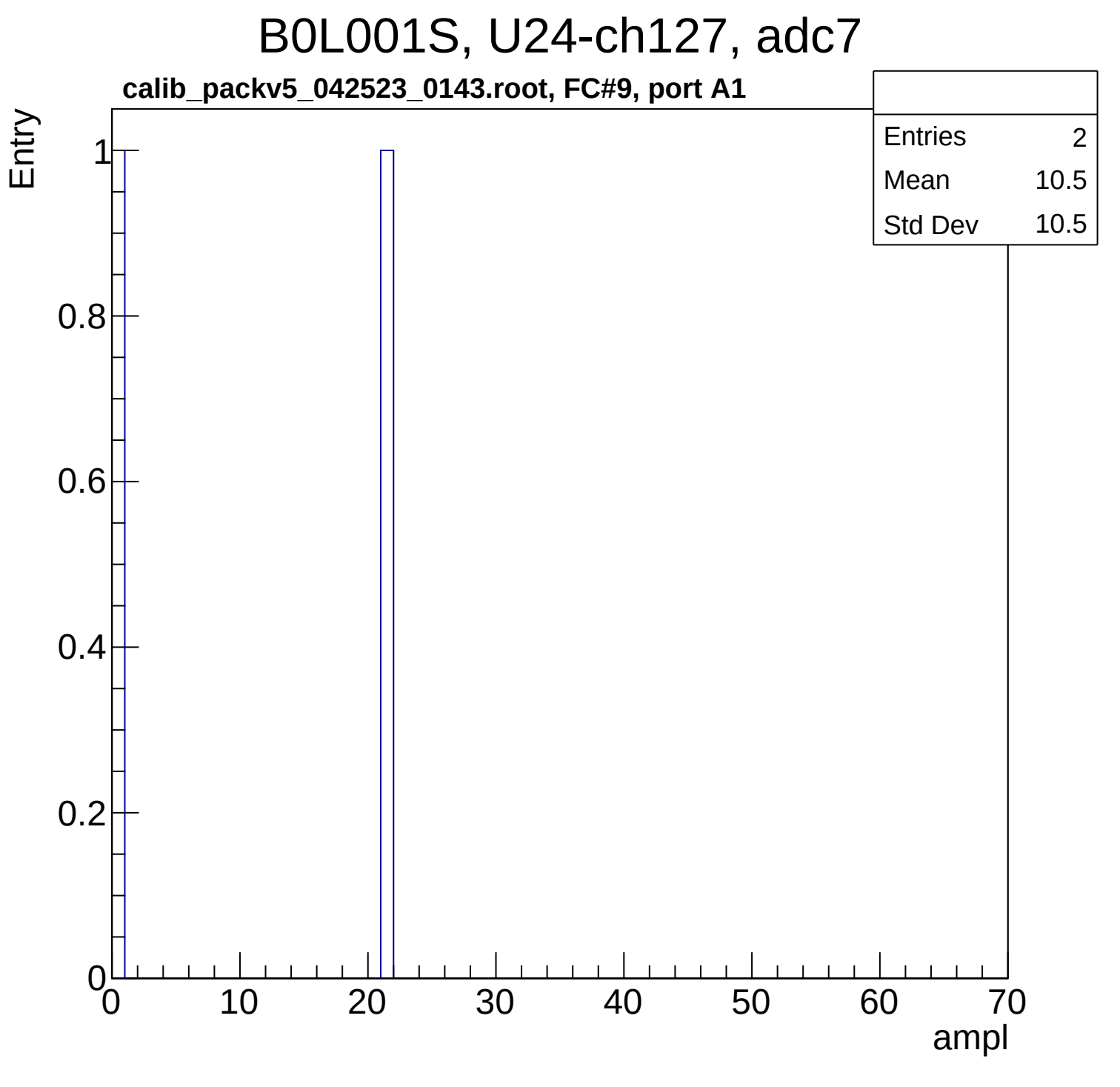

B0L001S, U24-ch127, adc3
calib_packv5_042523_0143.root, FC#9, port A1
Entries 75
Mean 49.69
Std Dev 3.655
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B0L001S, U24-ch127, adc4
calib_packv5_042523_0143.root, FC#9, port A1
Entries 57
Mean 56.58
Std Dev 3.014
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch127, adc5
calib_packv5_042523_0143.root, FC#9, port A1
Entries 40
Mean 58.67
Std Dev 9.717
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B0L001S, U24-ch127, adc6
calib_packv5_042523_0143.root, FC#9, port A1
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B0L001S, U24-ch127, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B0L001S, U24-ch127, adc7
calib_packv5_042523_0143.root, FC#9, port A1
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl