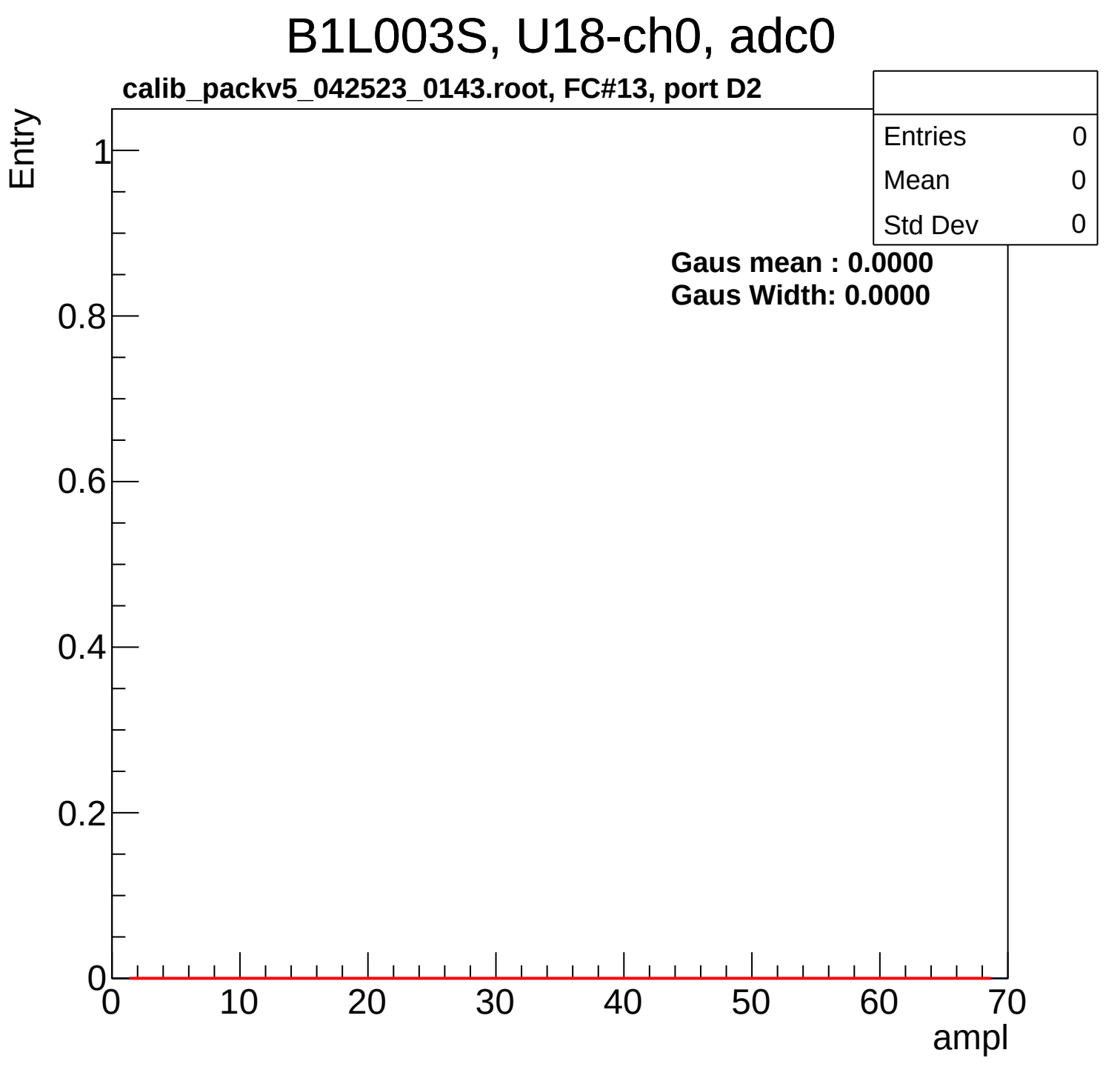
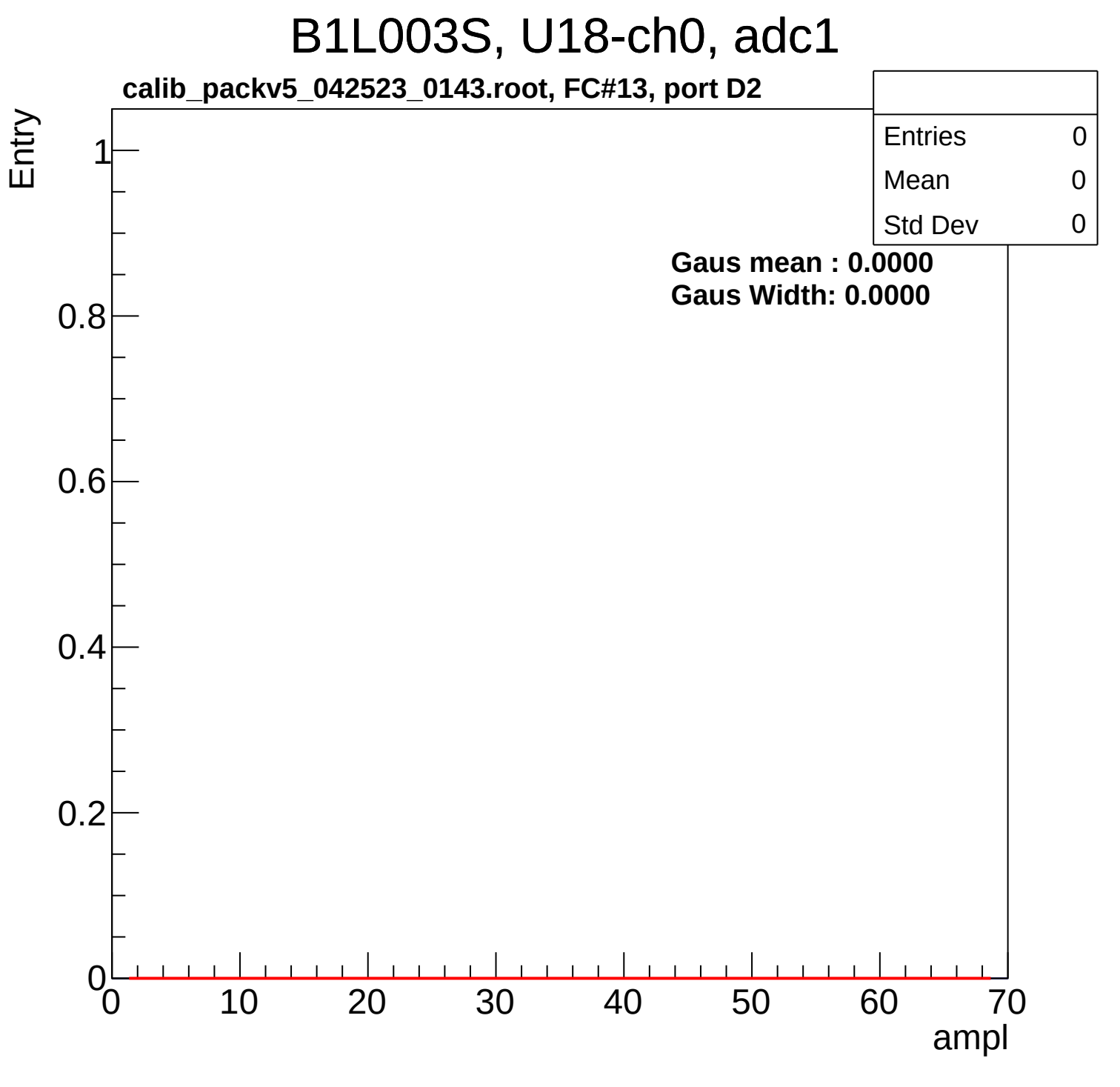
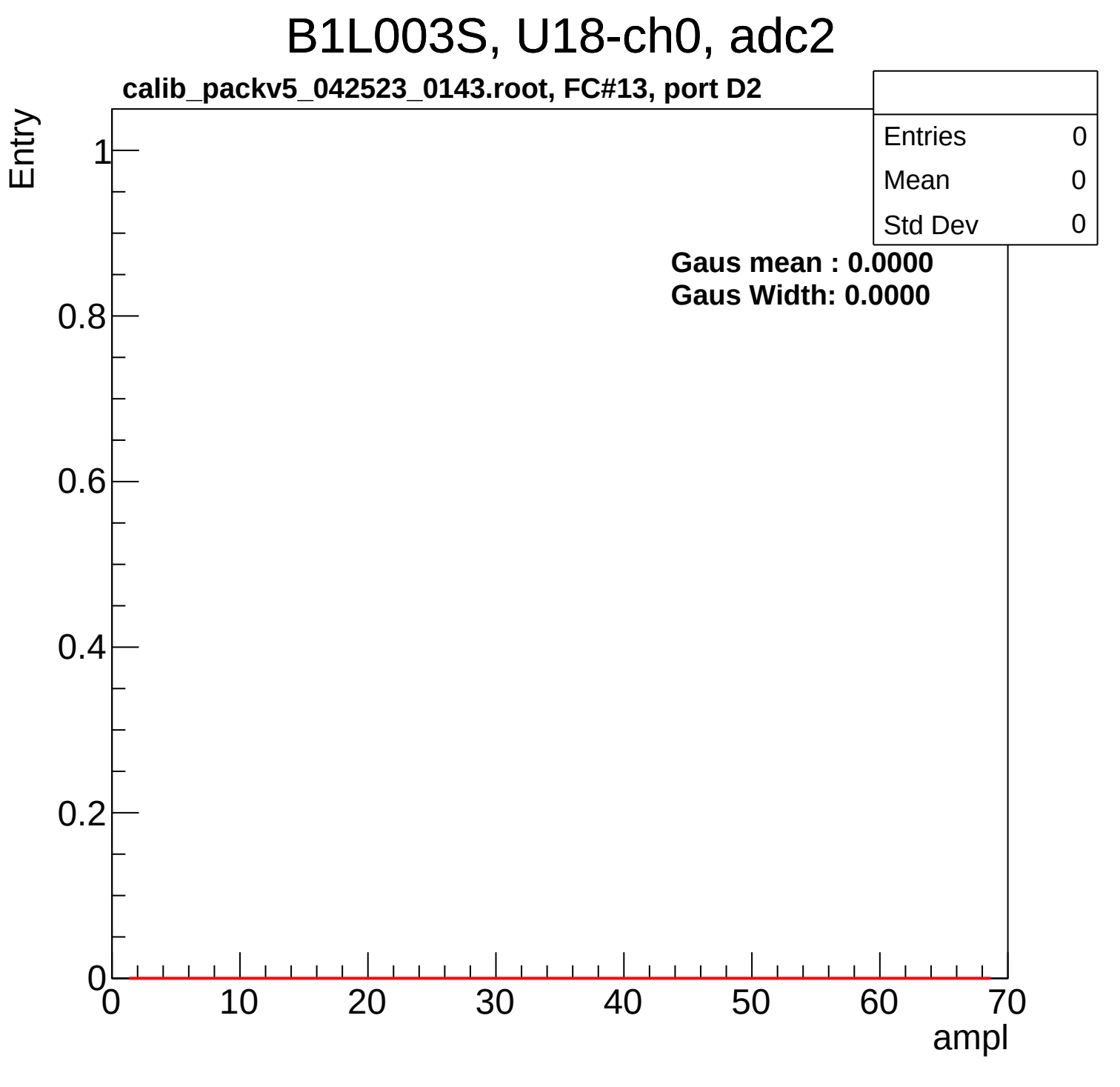
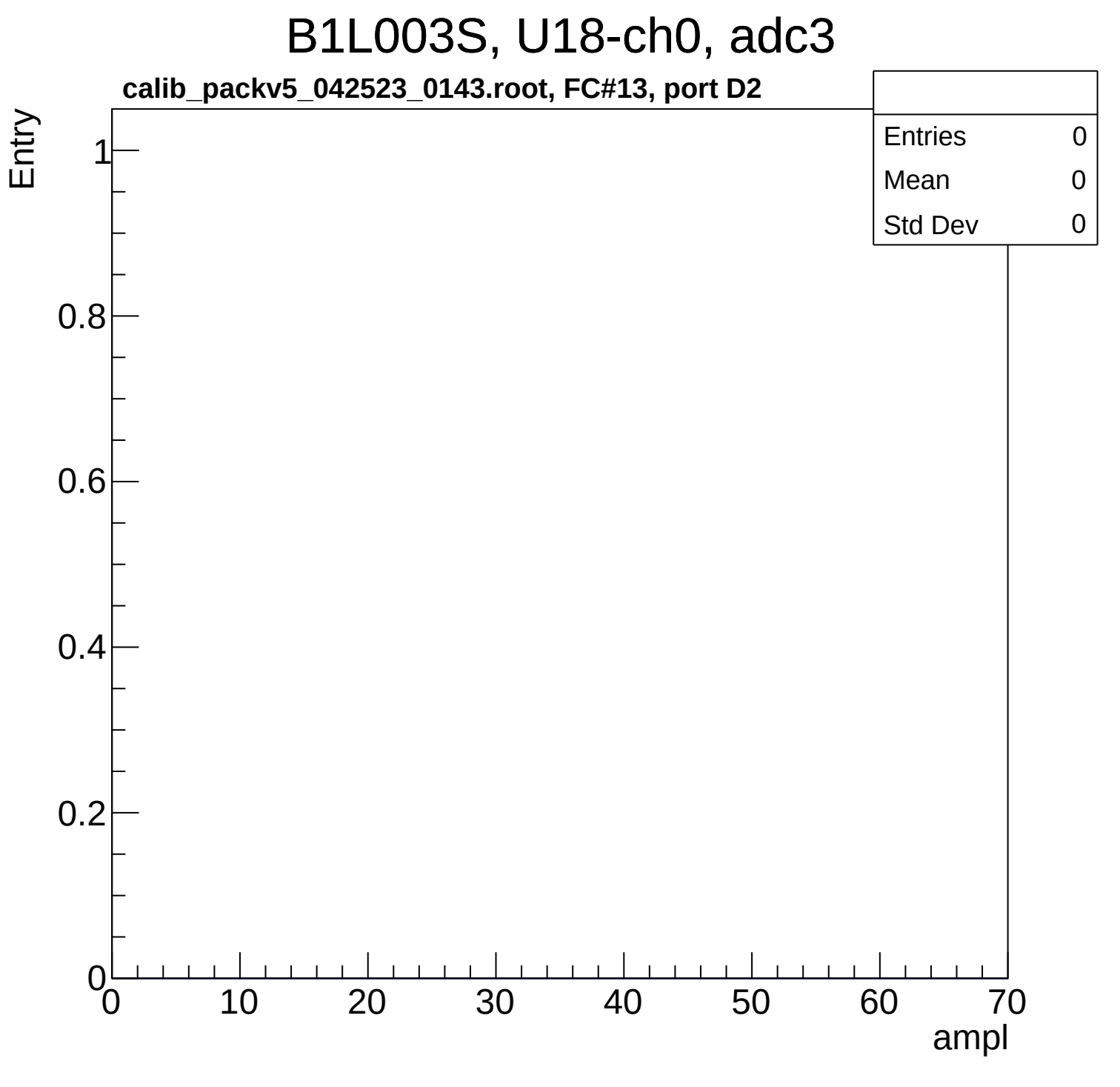
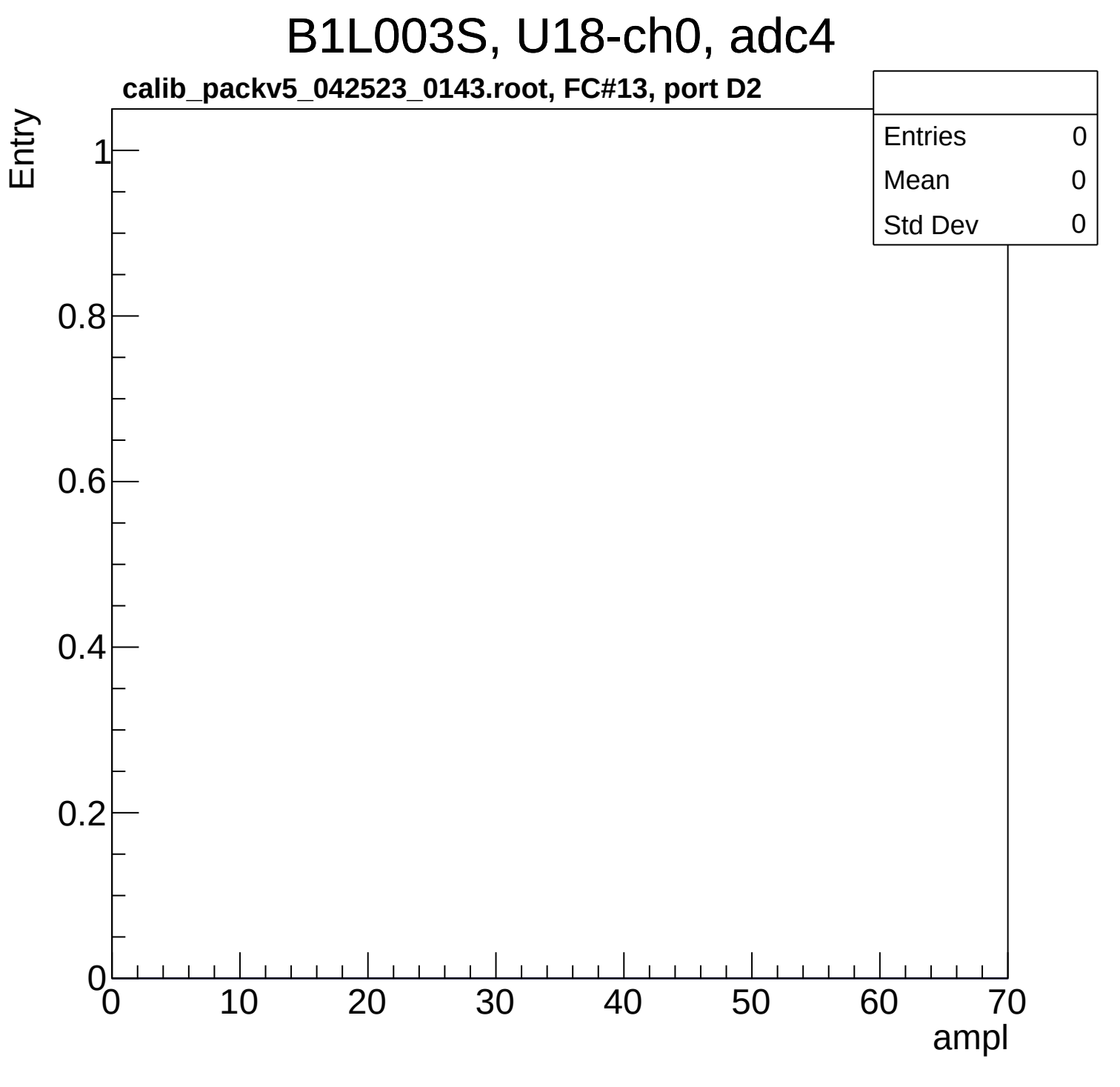
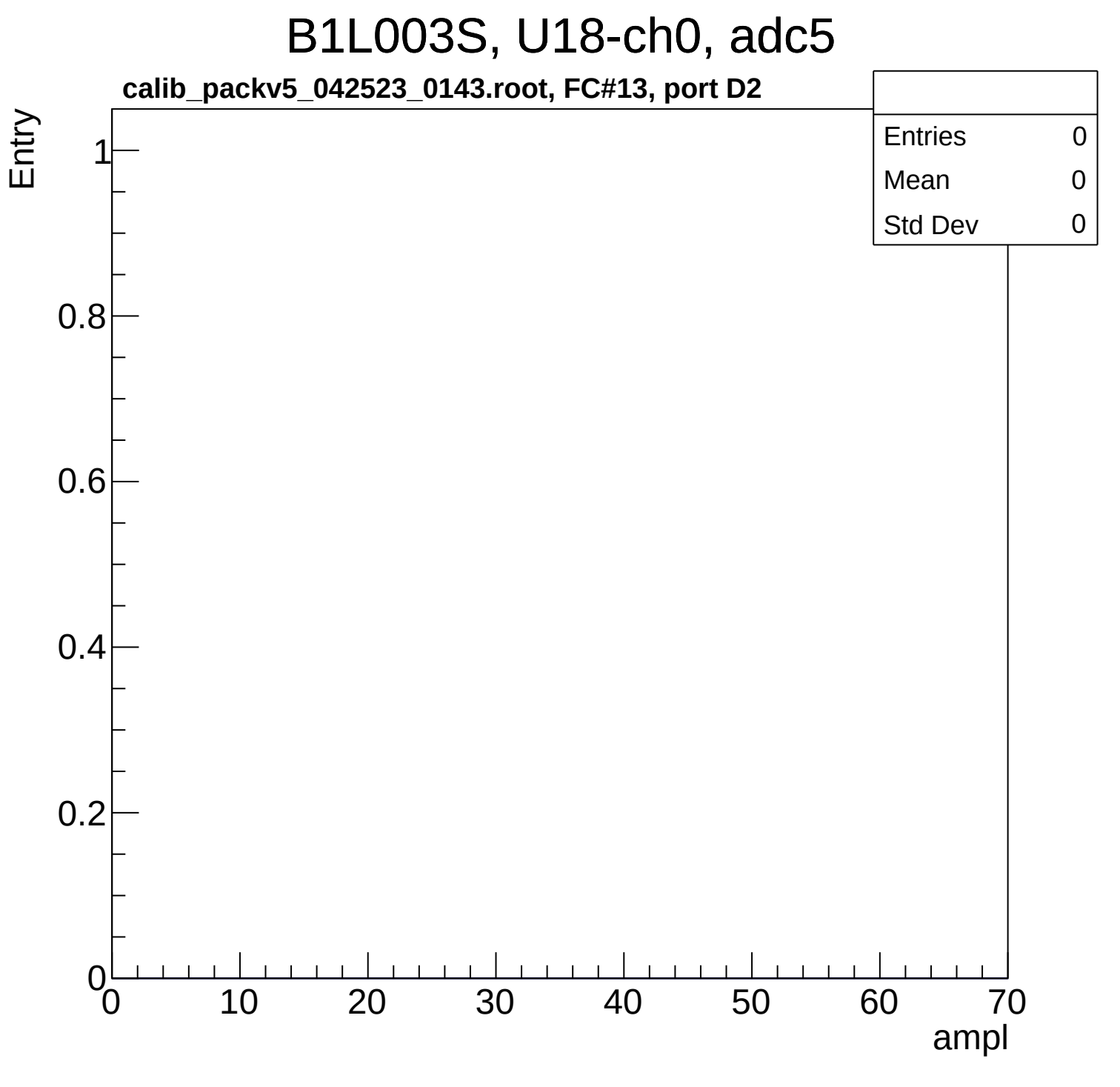

B1L003S, U18-ch0, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

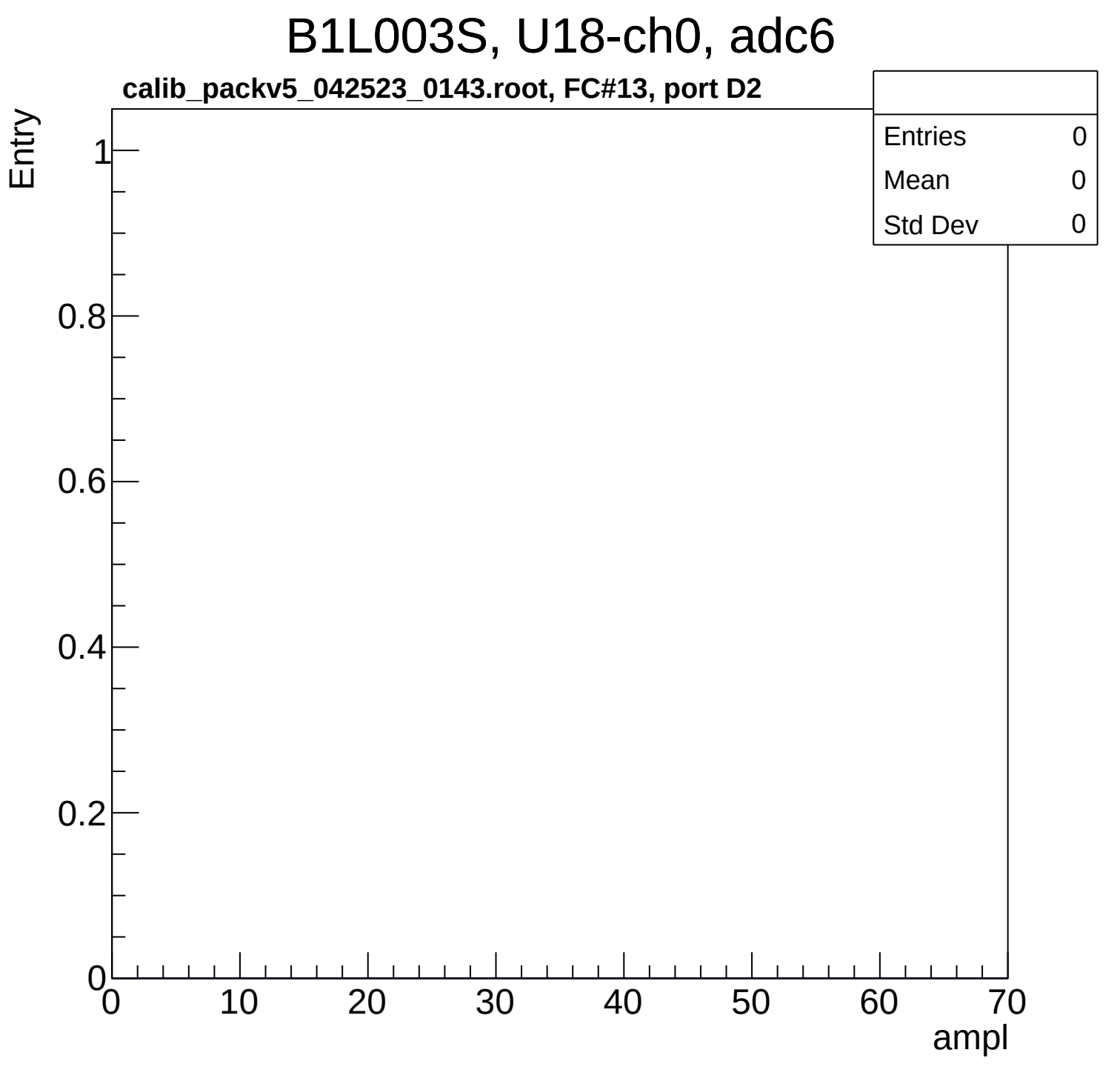

B1L003S, U18-ch0, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

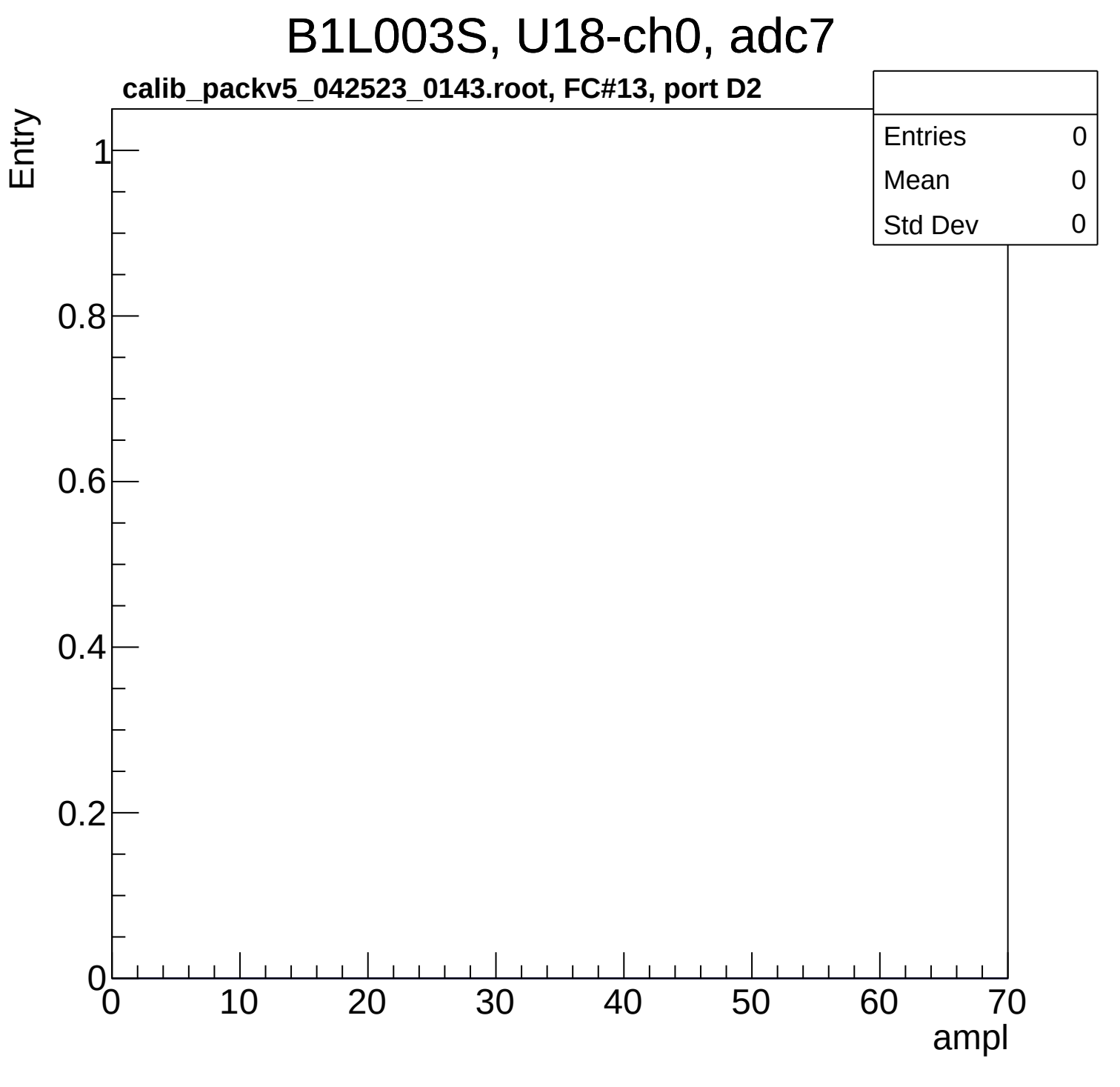

B1L003S, U18-ch0, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

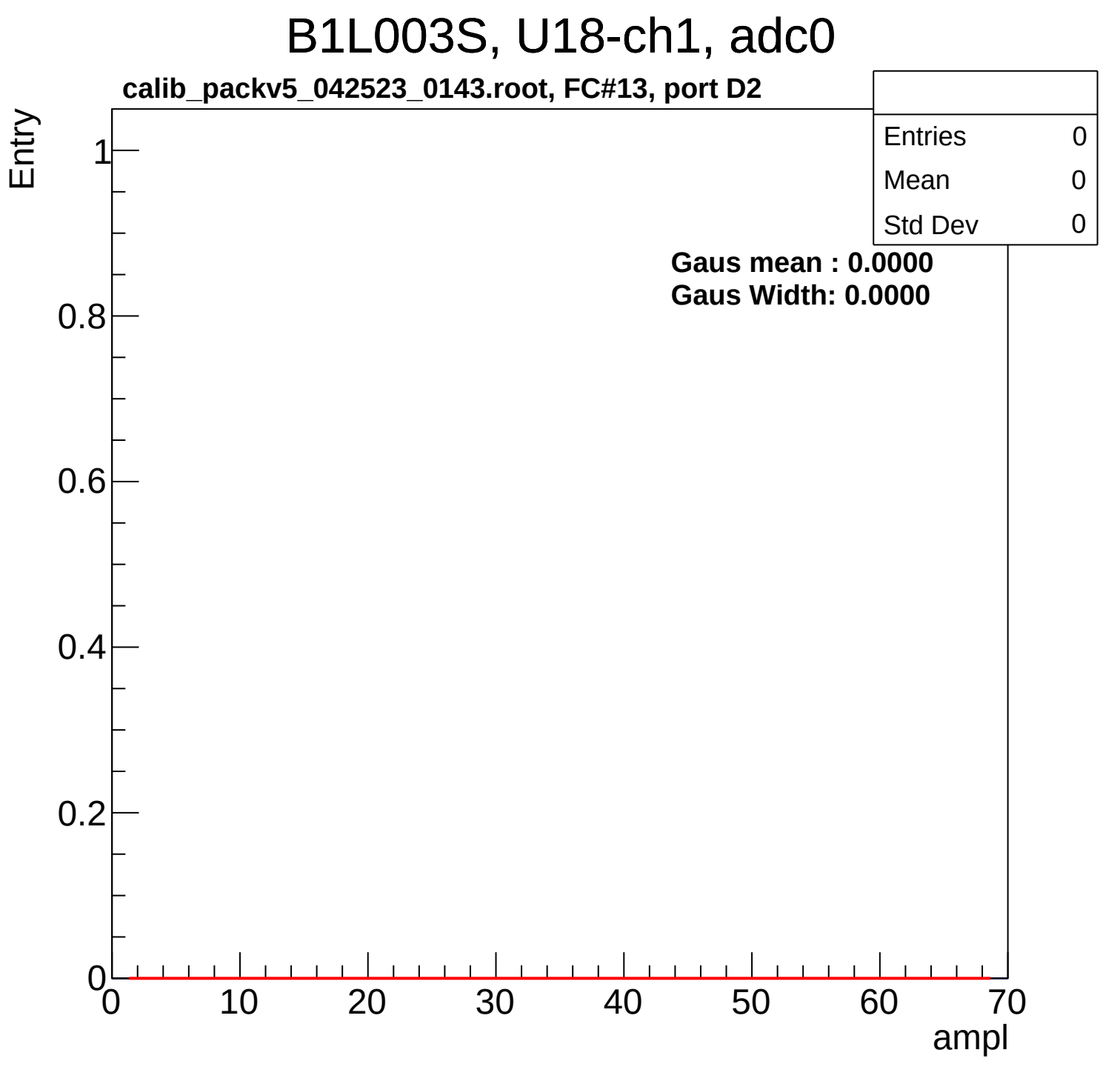

B1L003S, U18-ch0, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

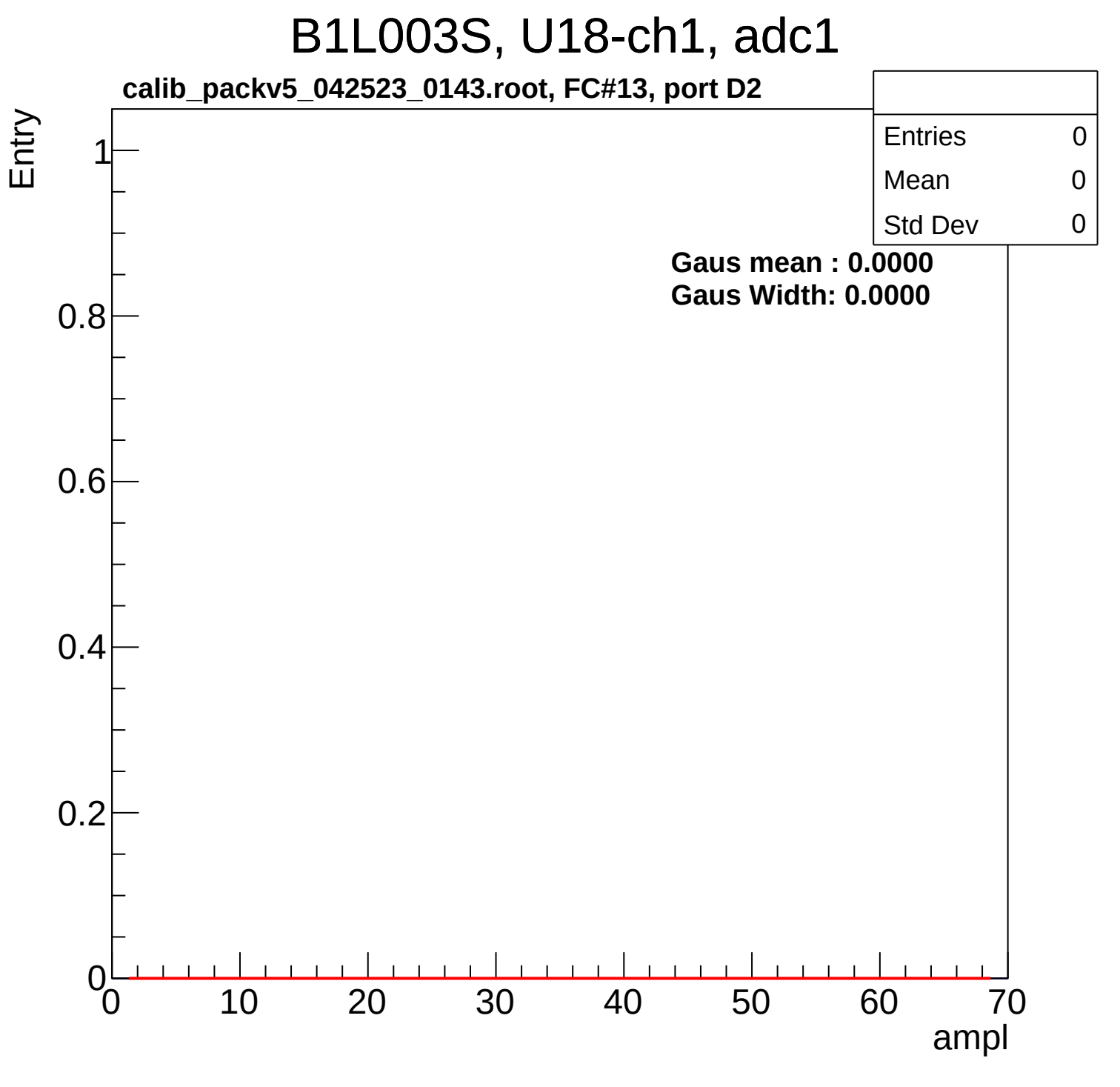

B1L003S, U18-ch0, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

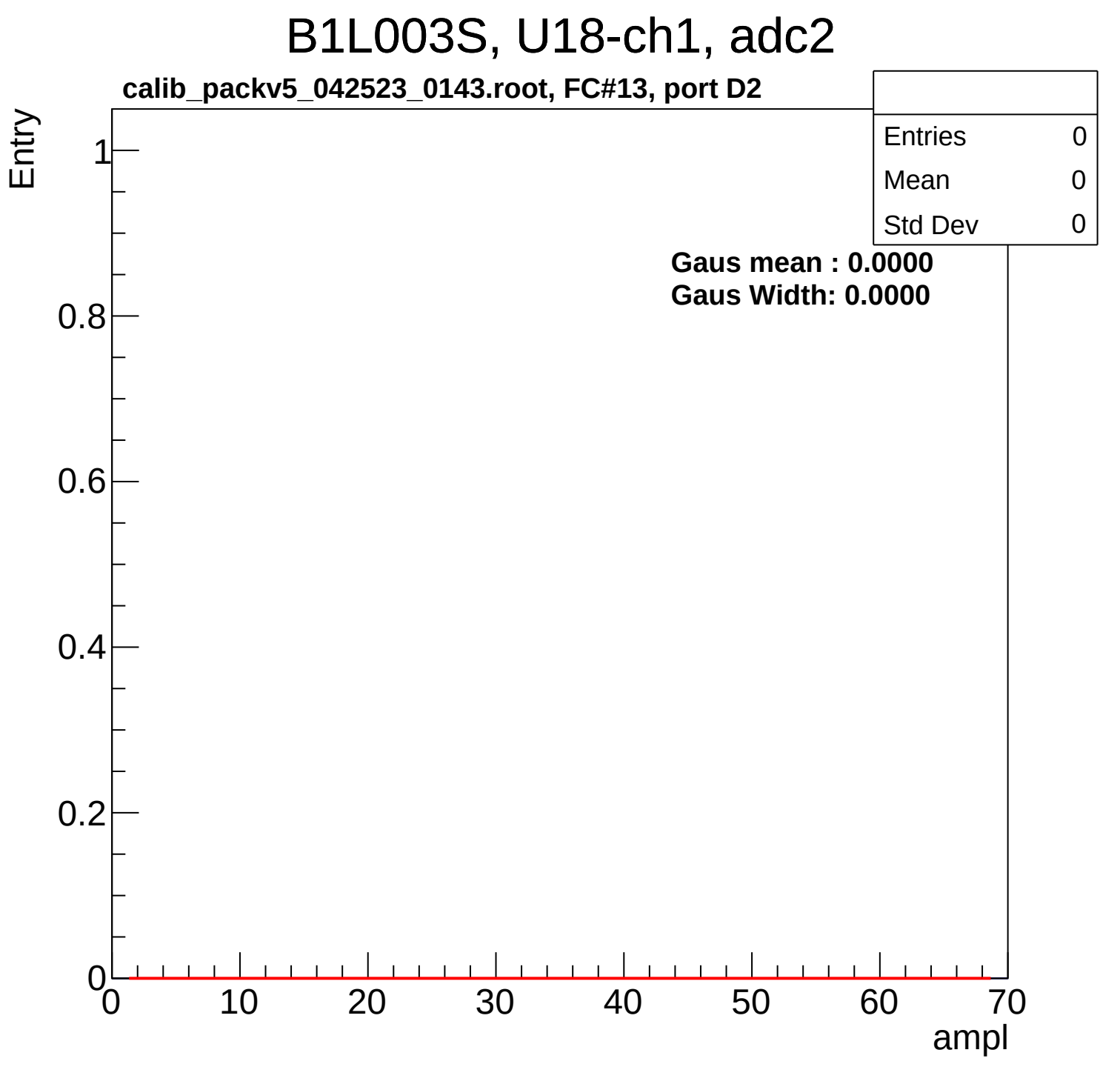

B1L003S, U18-ch0, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

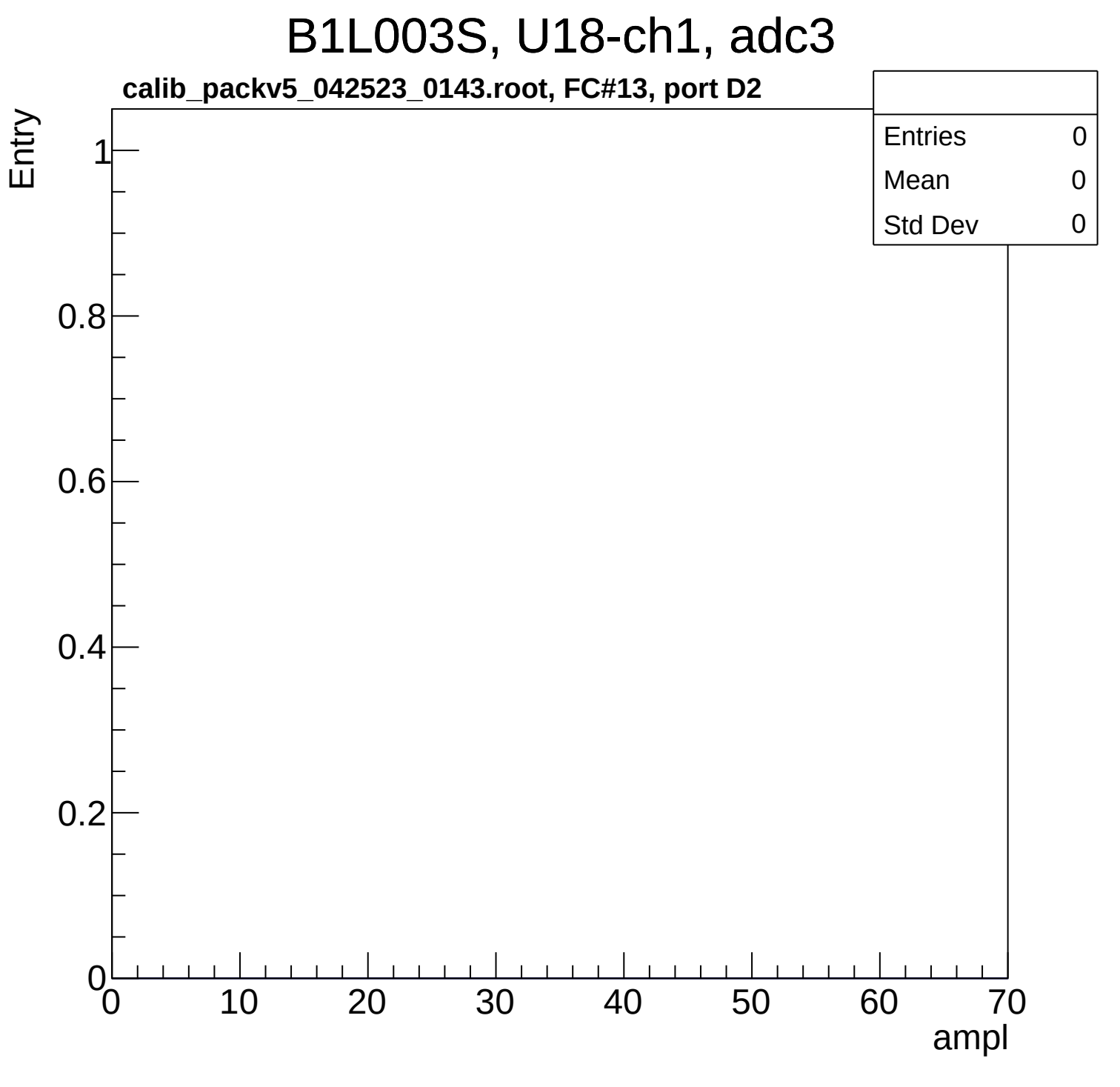

B1L003S, U18-ch0, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

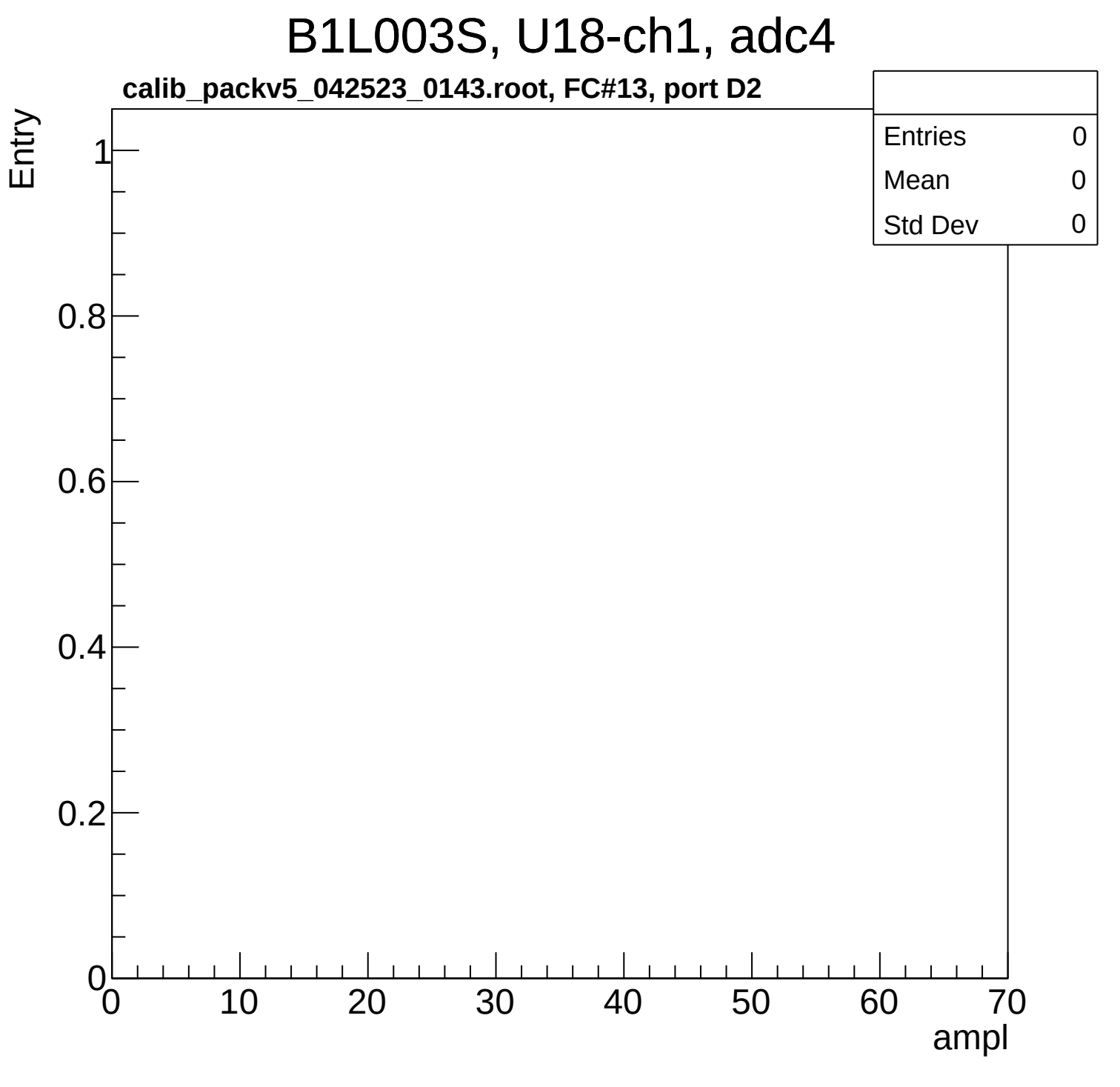

B1L003S, U18-ch0, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

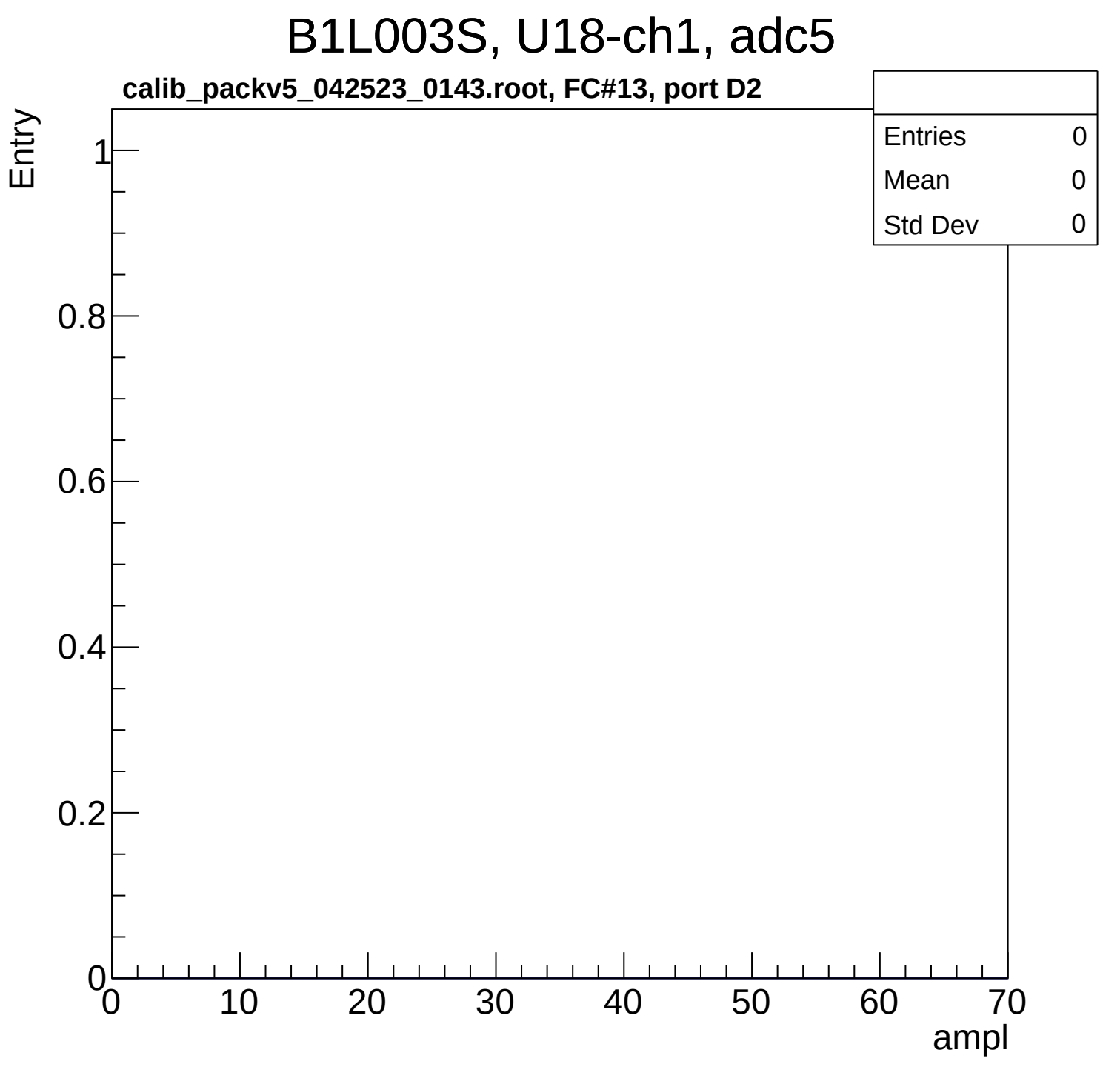

B1L003S, U18-ch1, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

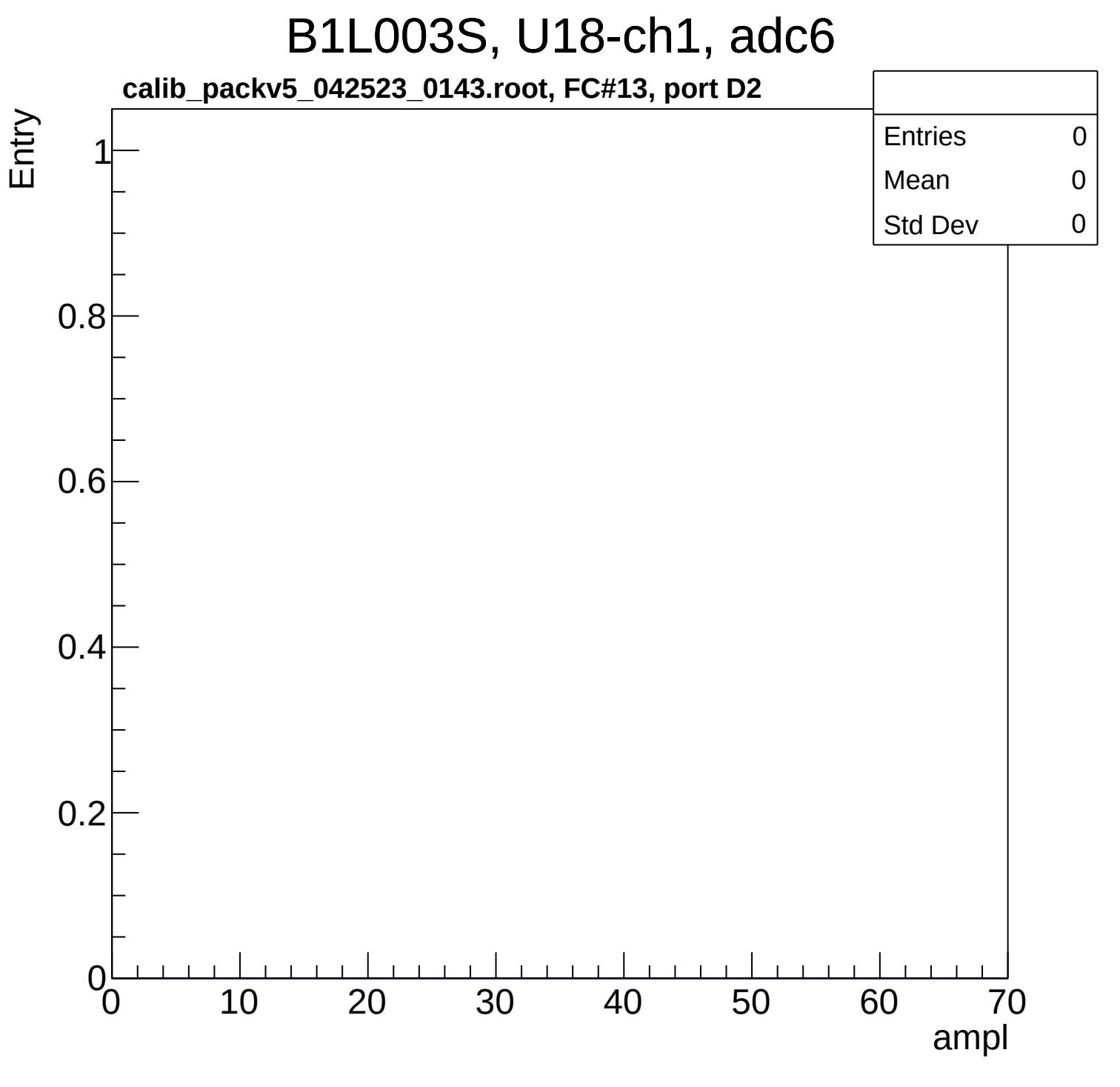

B1L003S, U18-ch1, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

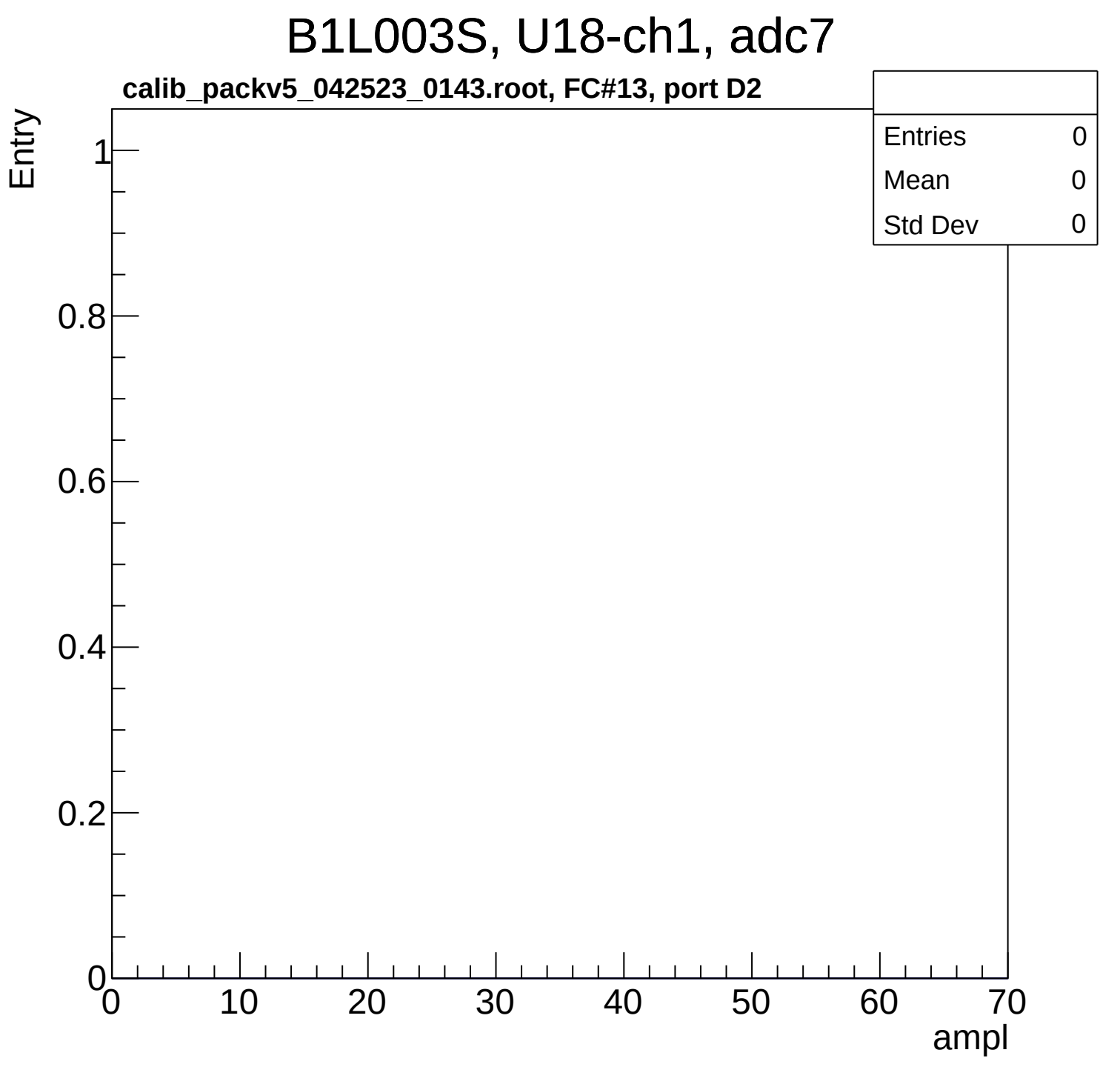

B1L003S, U18-ch1, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

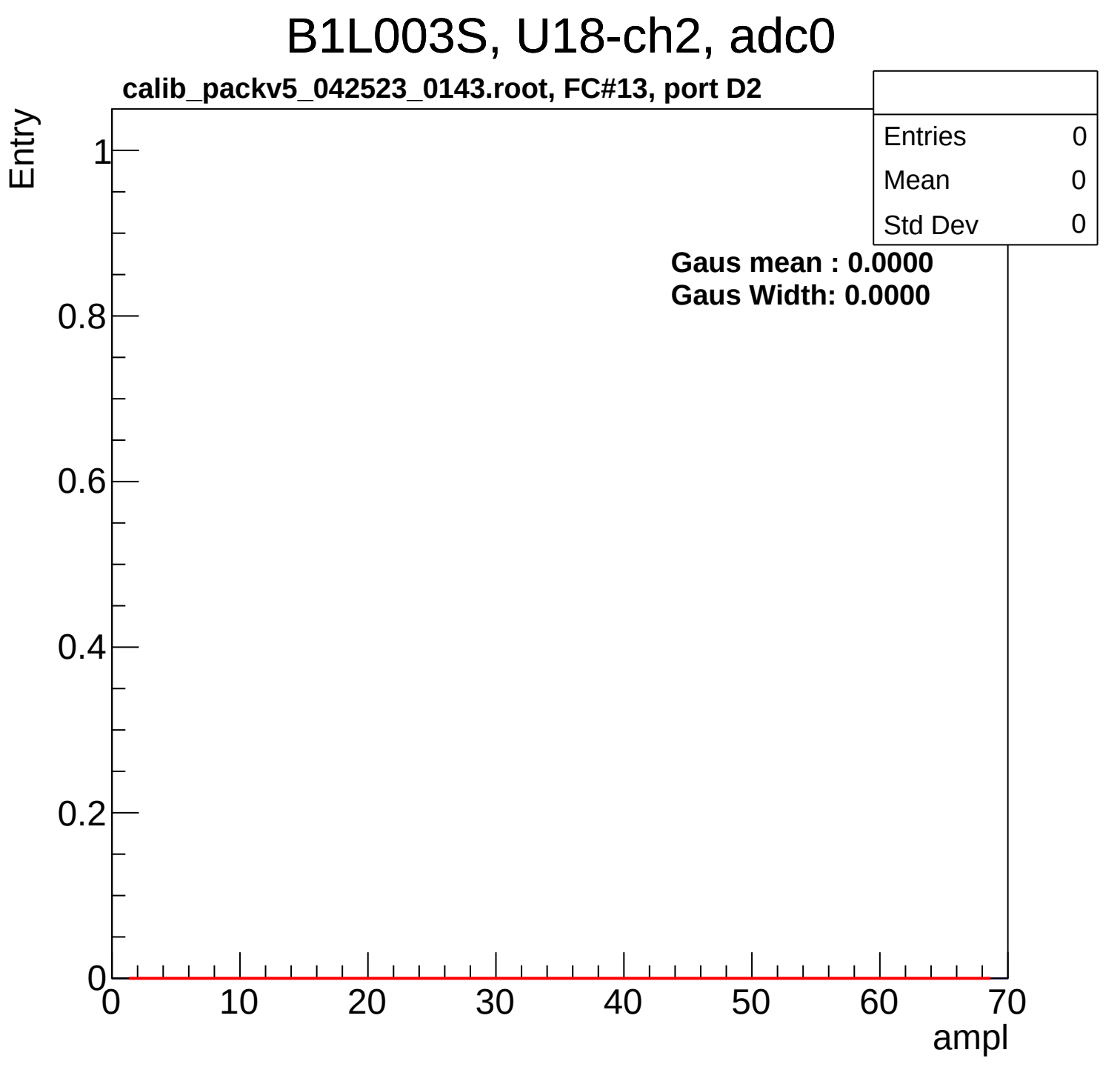

B1L003S, U18-ch1, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

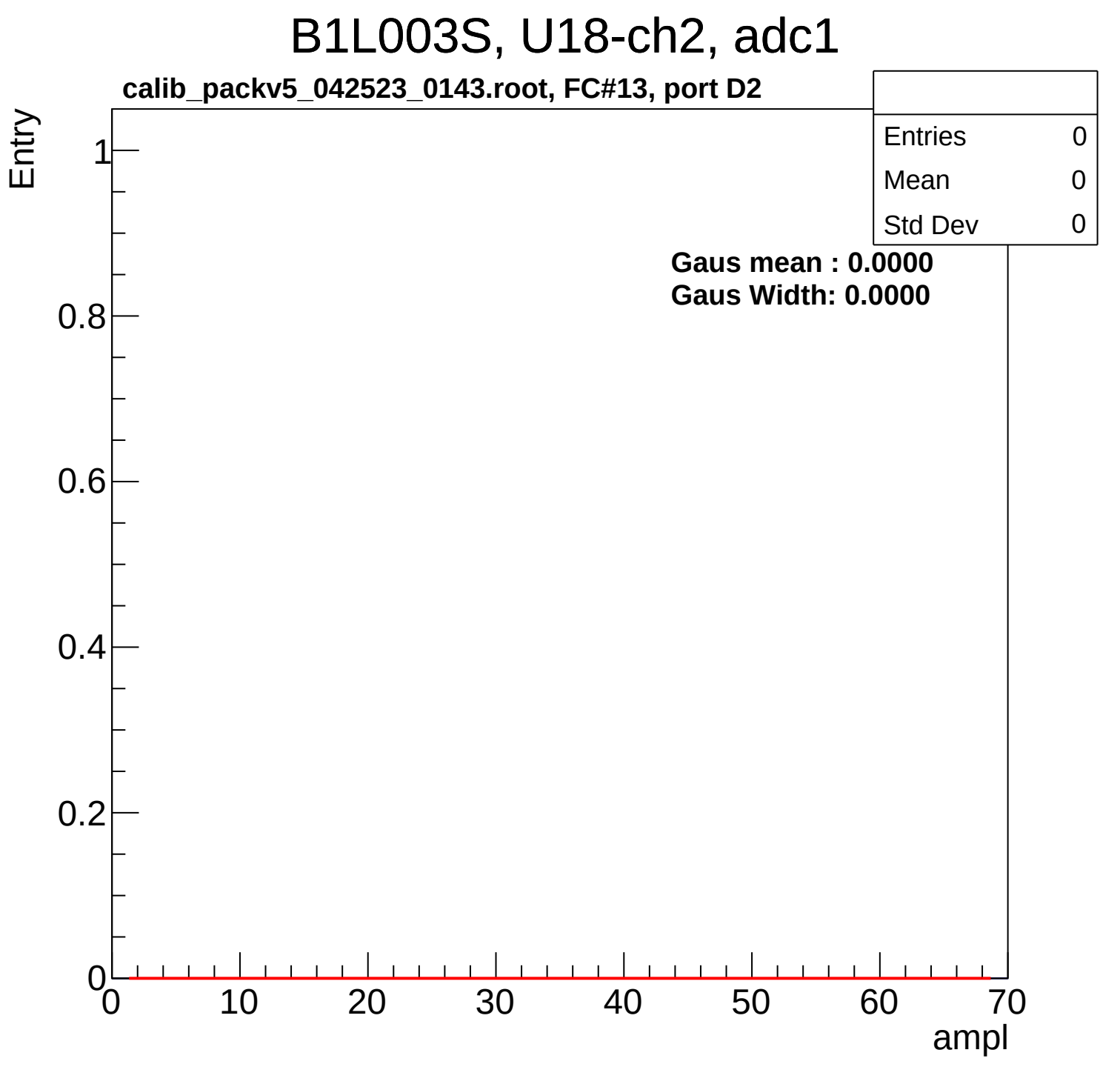

B1L003S, U18-ch1, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

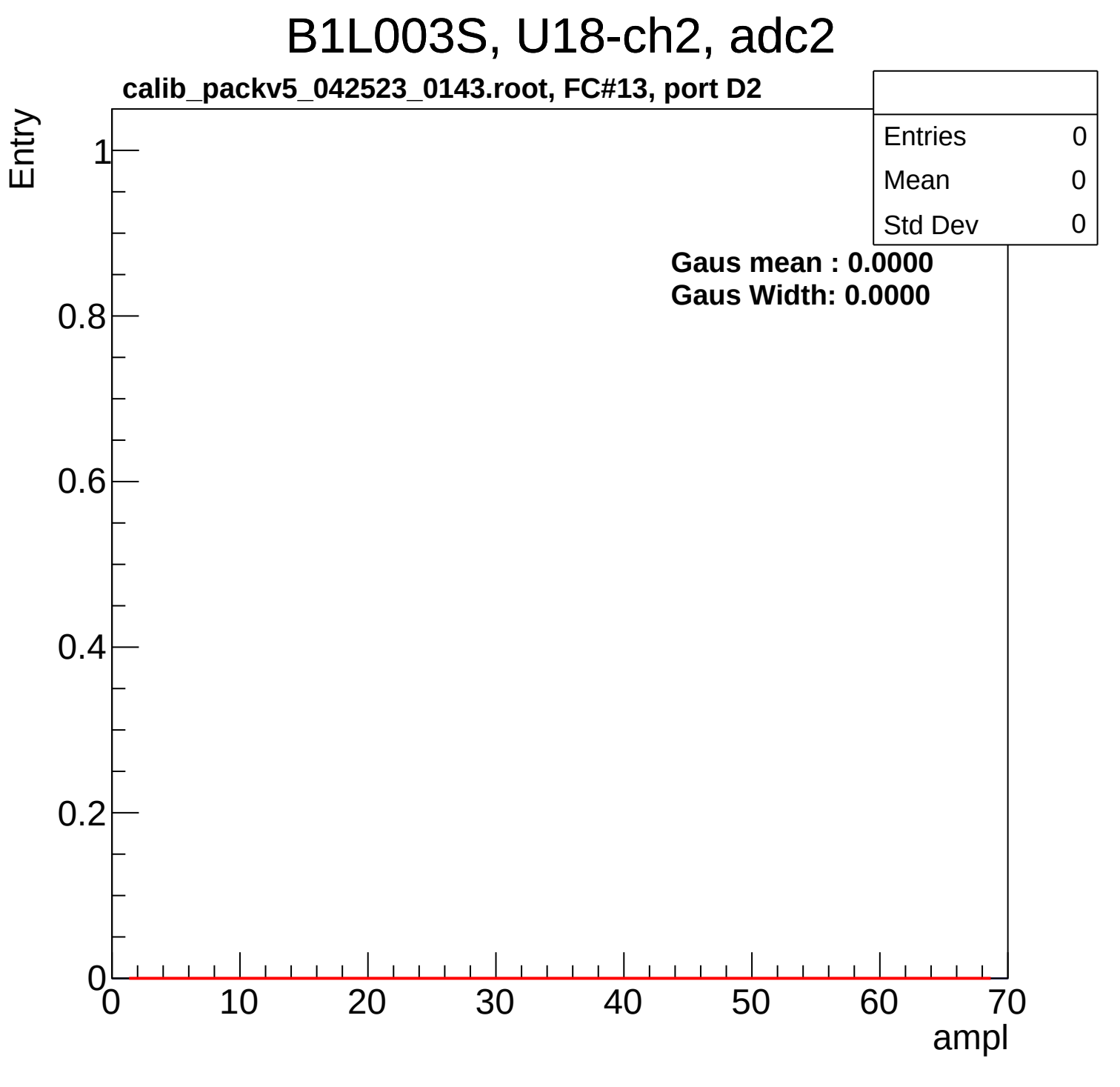

B1L003S, U18-ch1, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

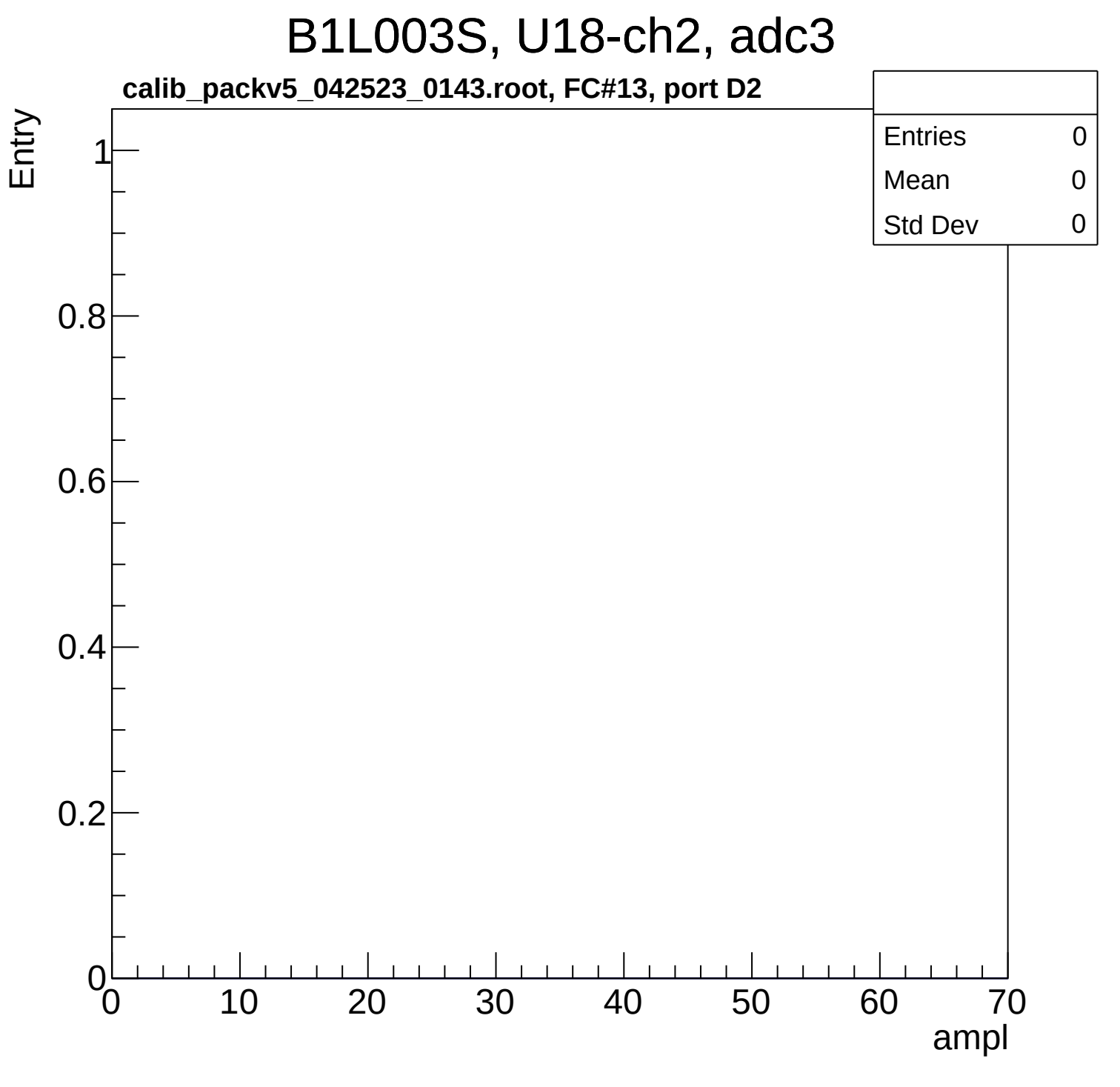

B1L003S, U18-ch1, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

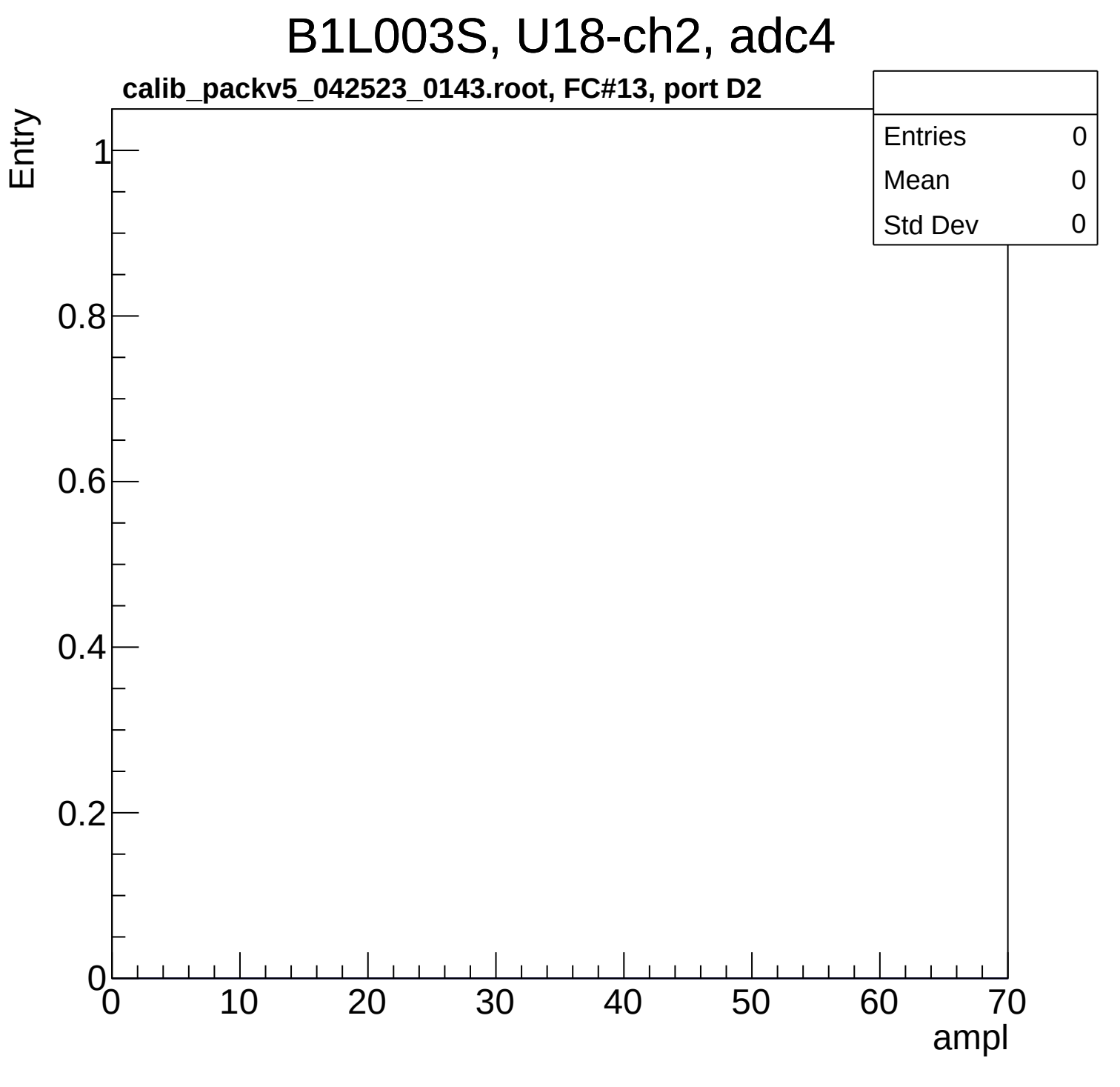

B1L003S, U18-ch1, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

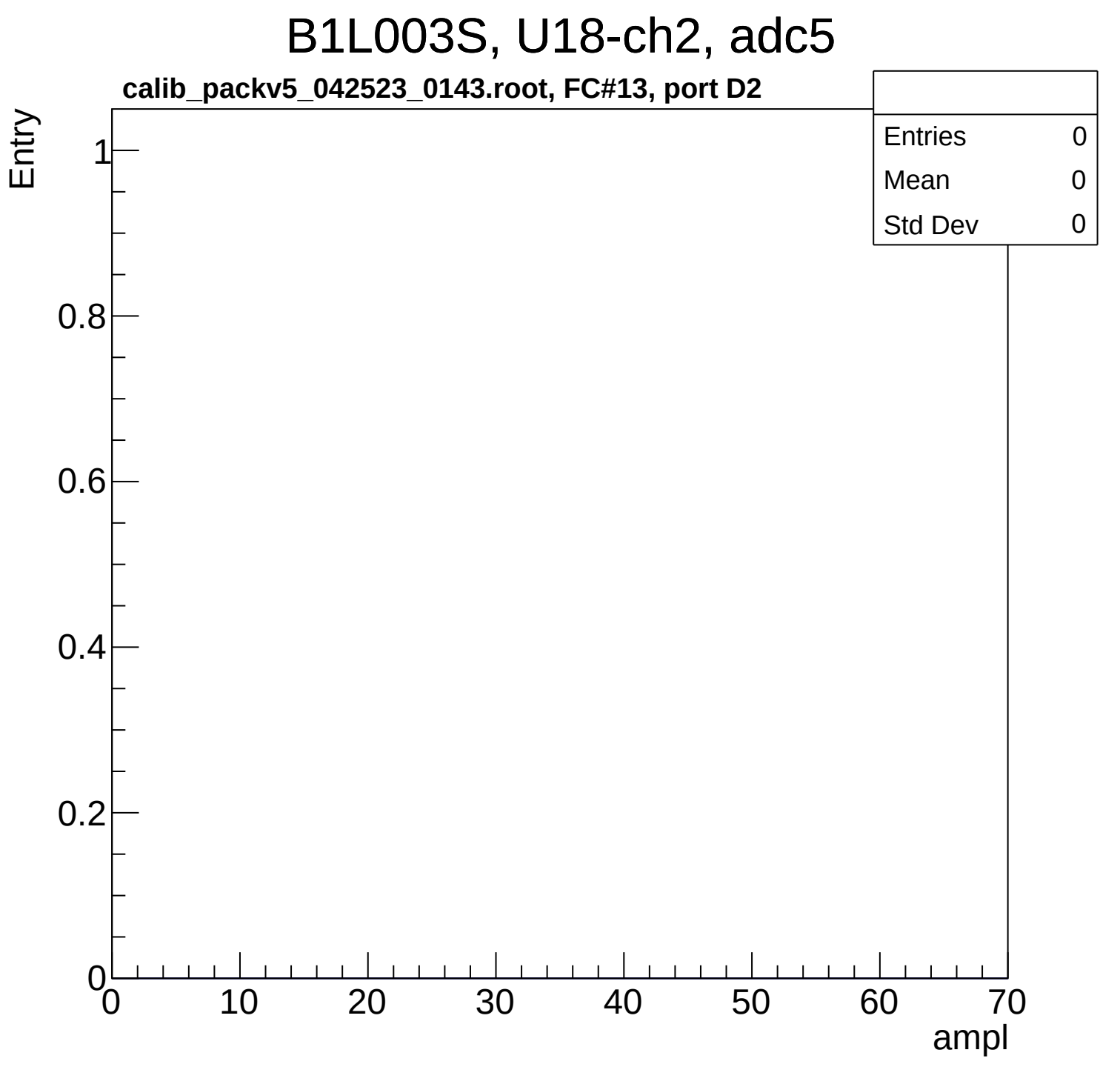

B1L003S, U18-ch2, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

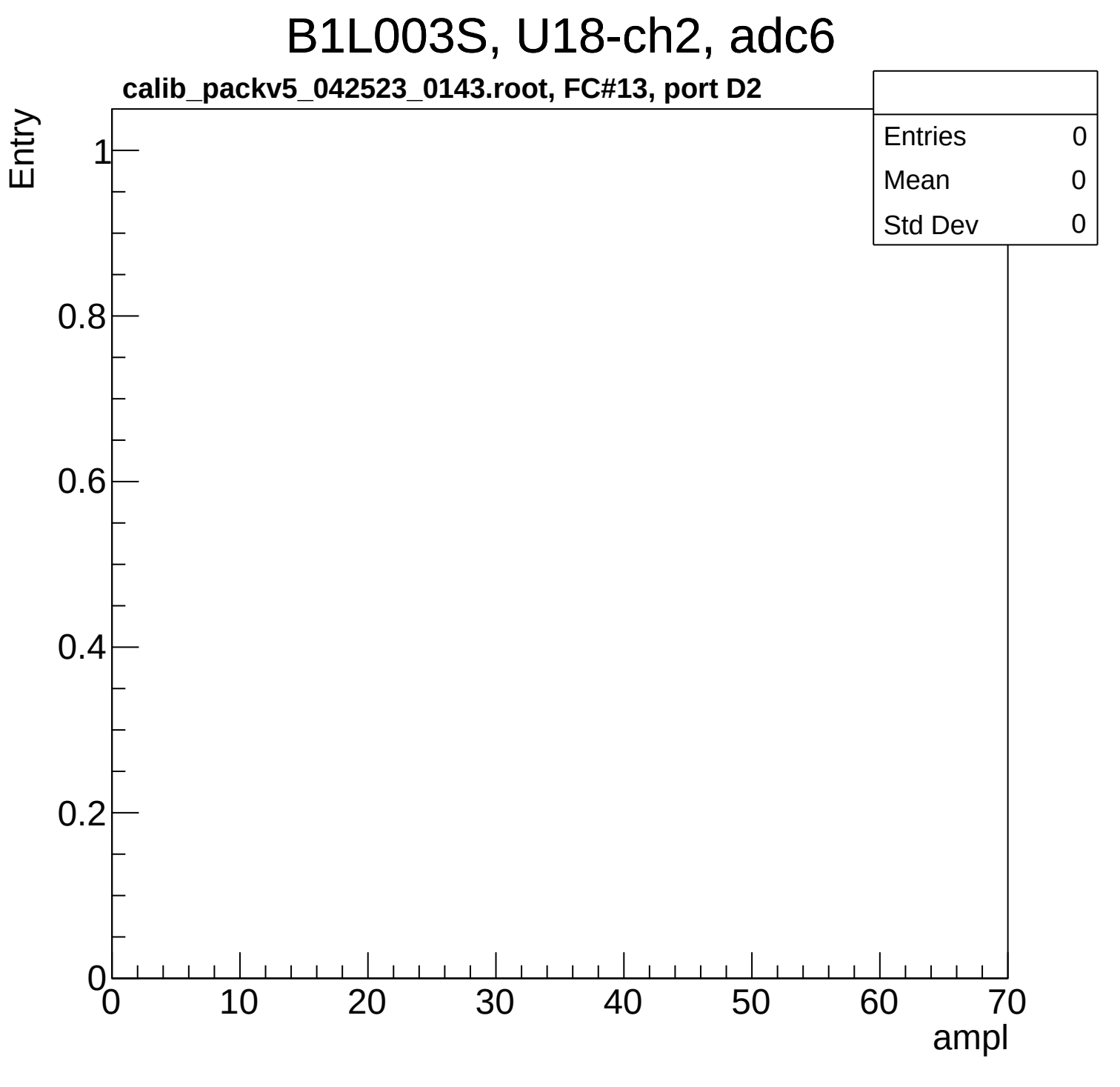

B1L003S, U18-ch2, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

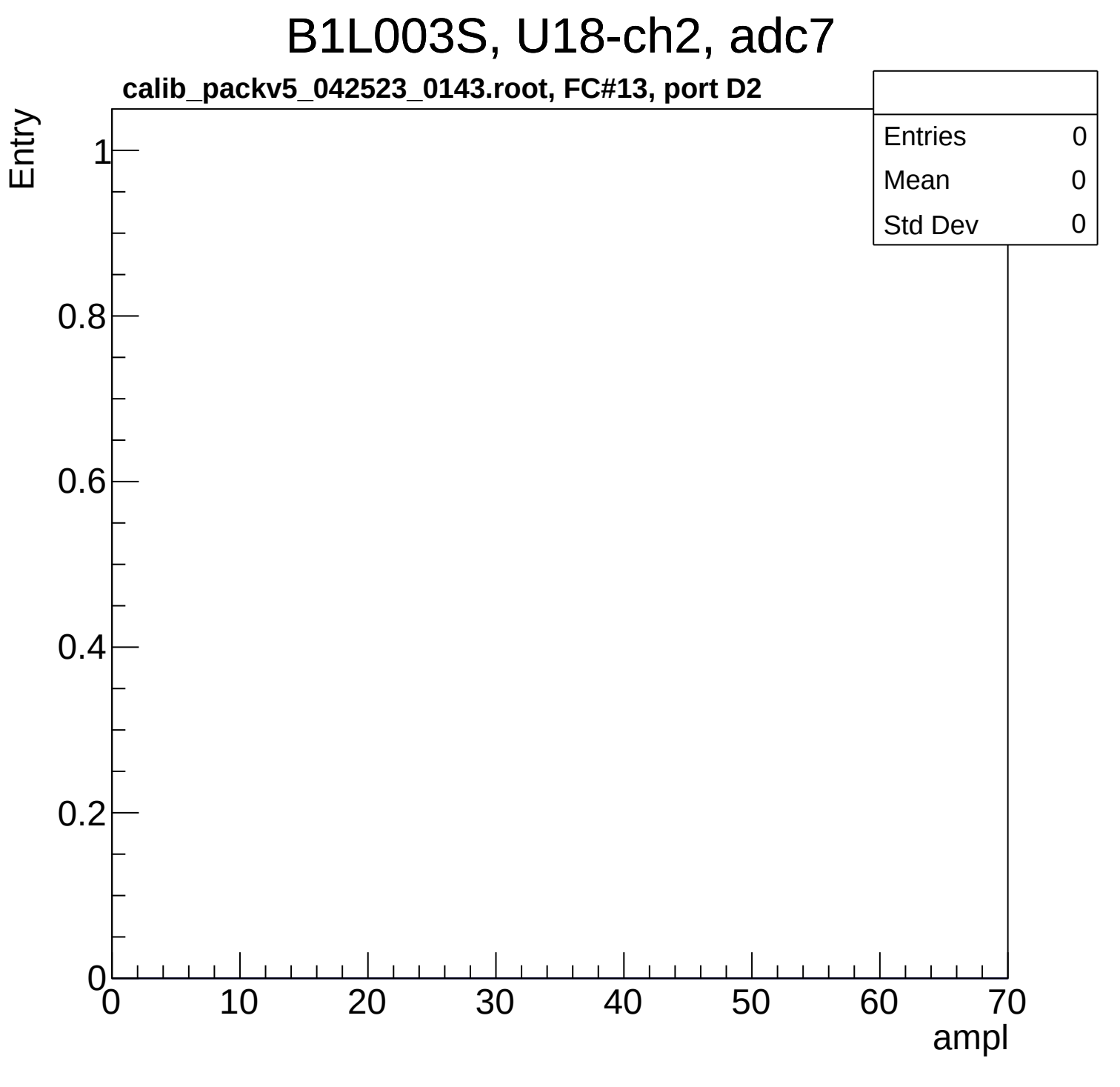

B1L003S, U18-ch2, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

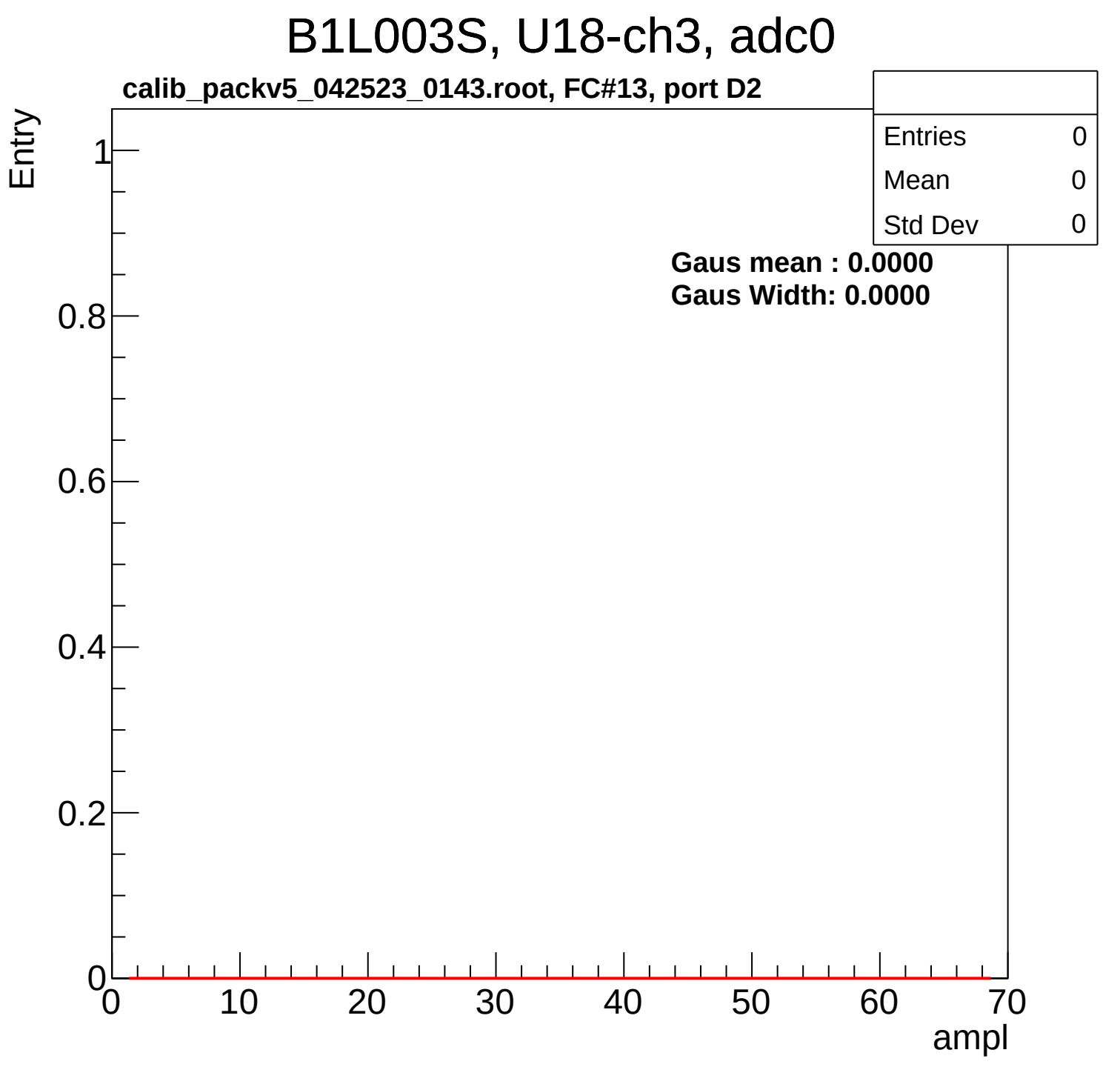

B1L003S, U18-ch2, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

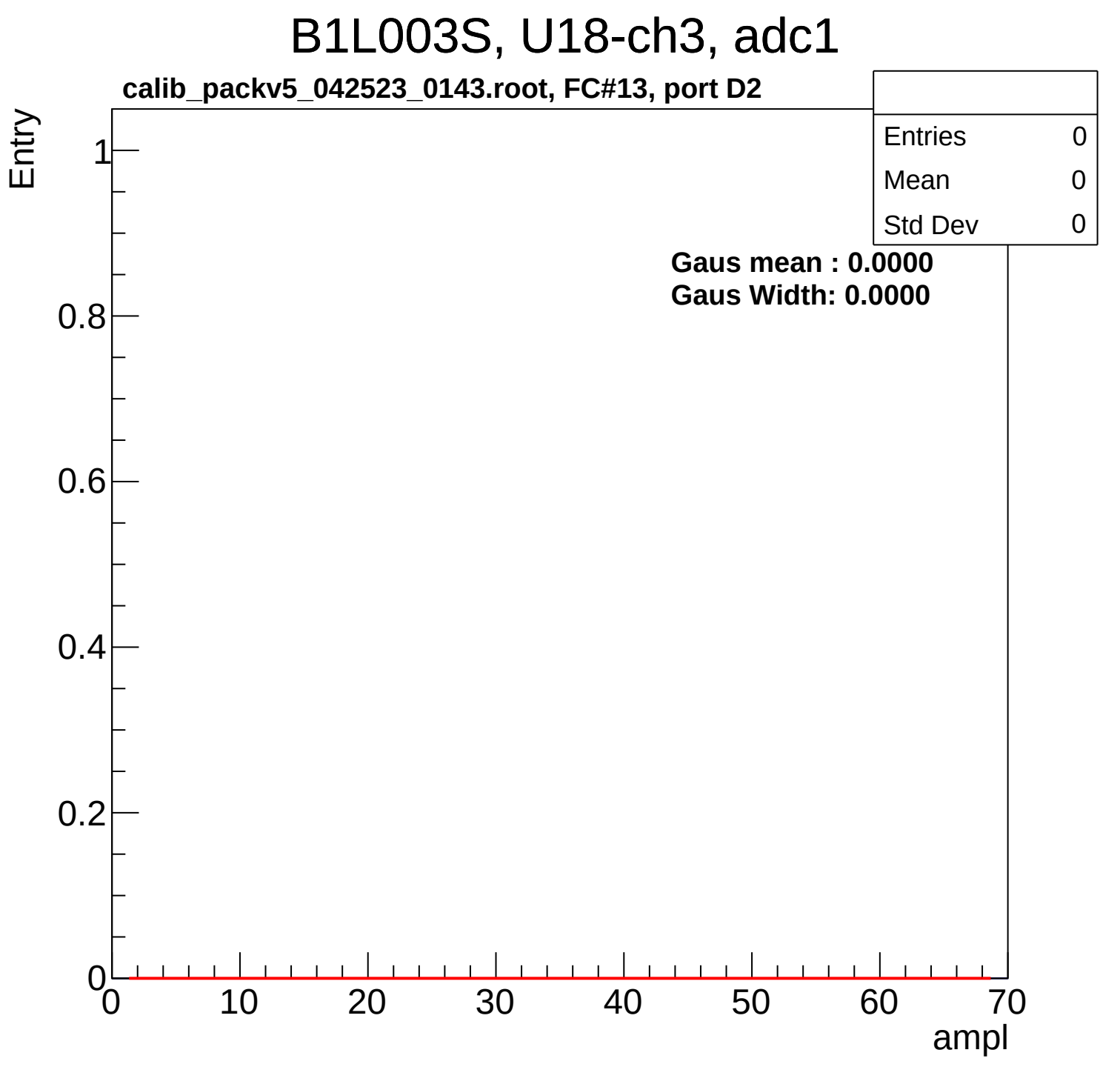

B1L003S, U18-ch2, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

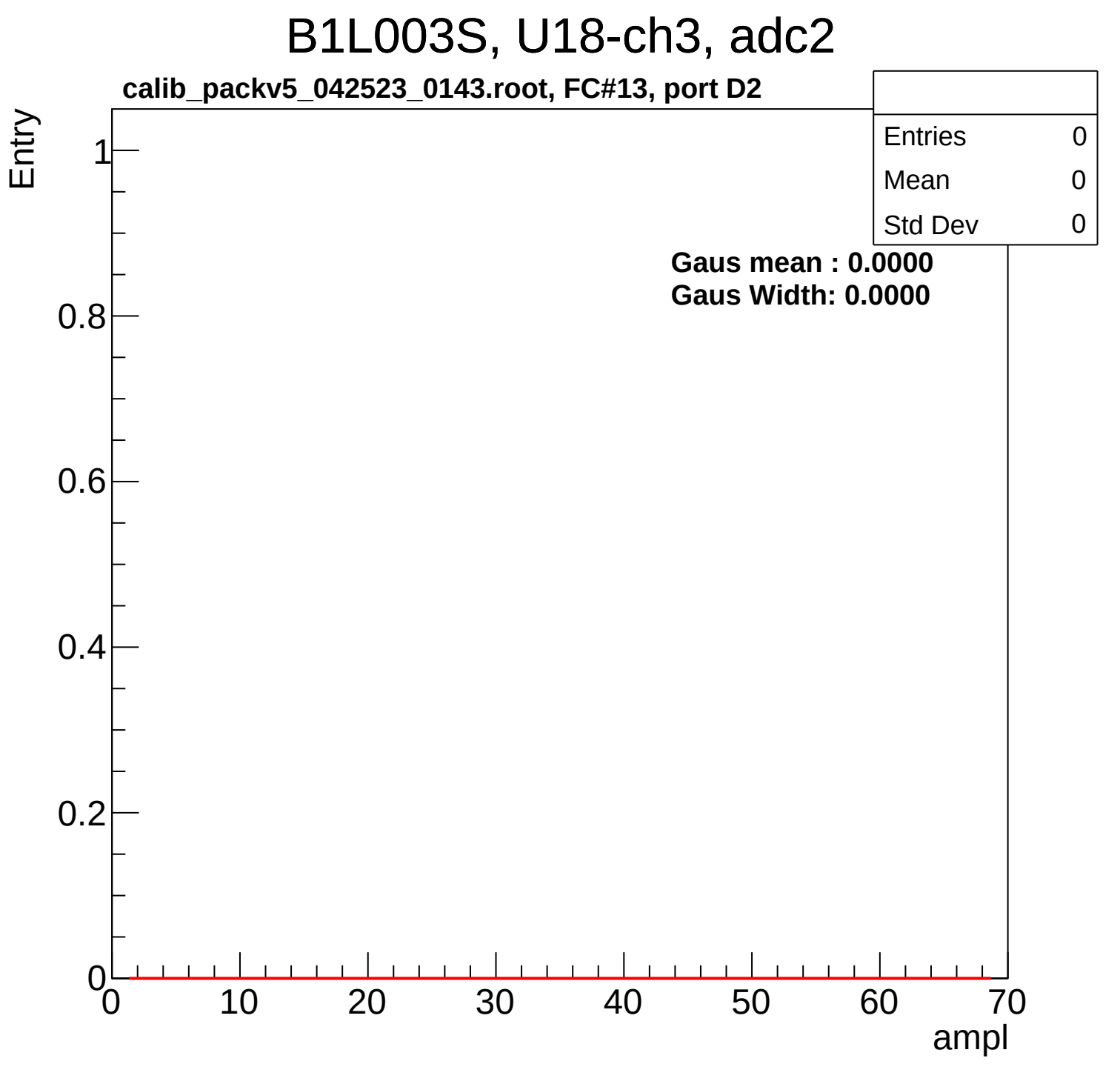

B1L003S, U18-ch2, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

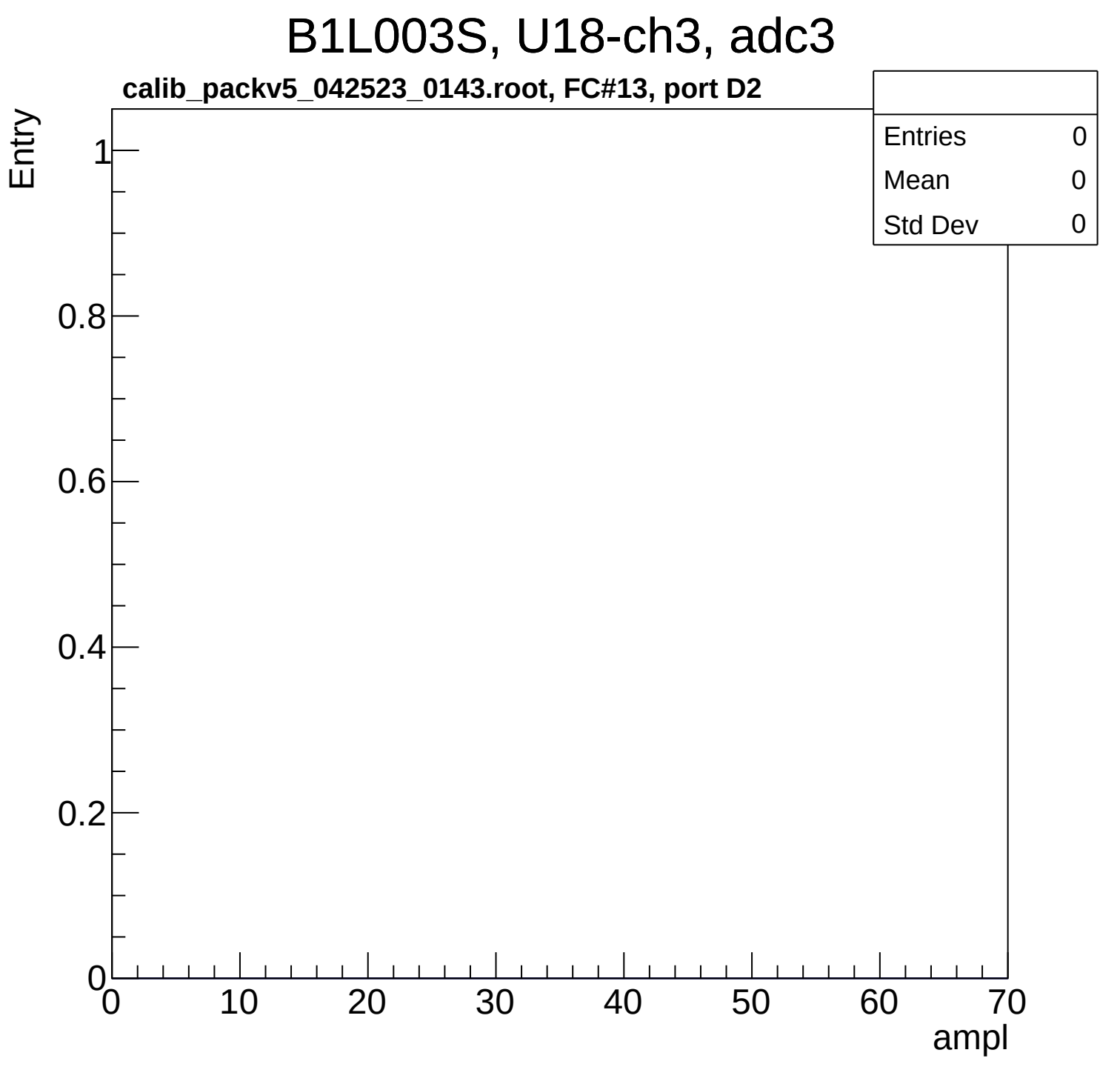

B1L003S, U18-ch2, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

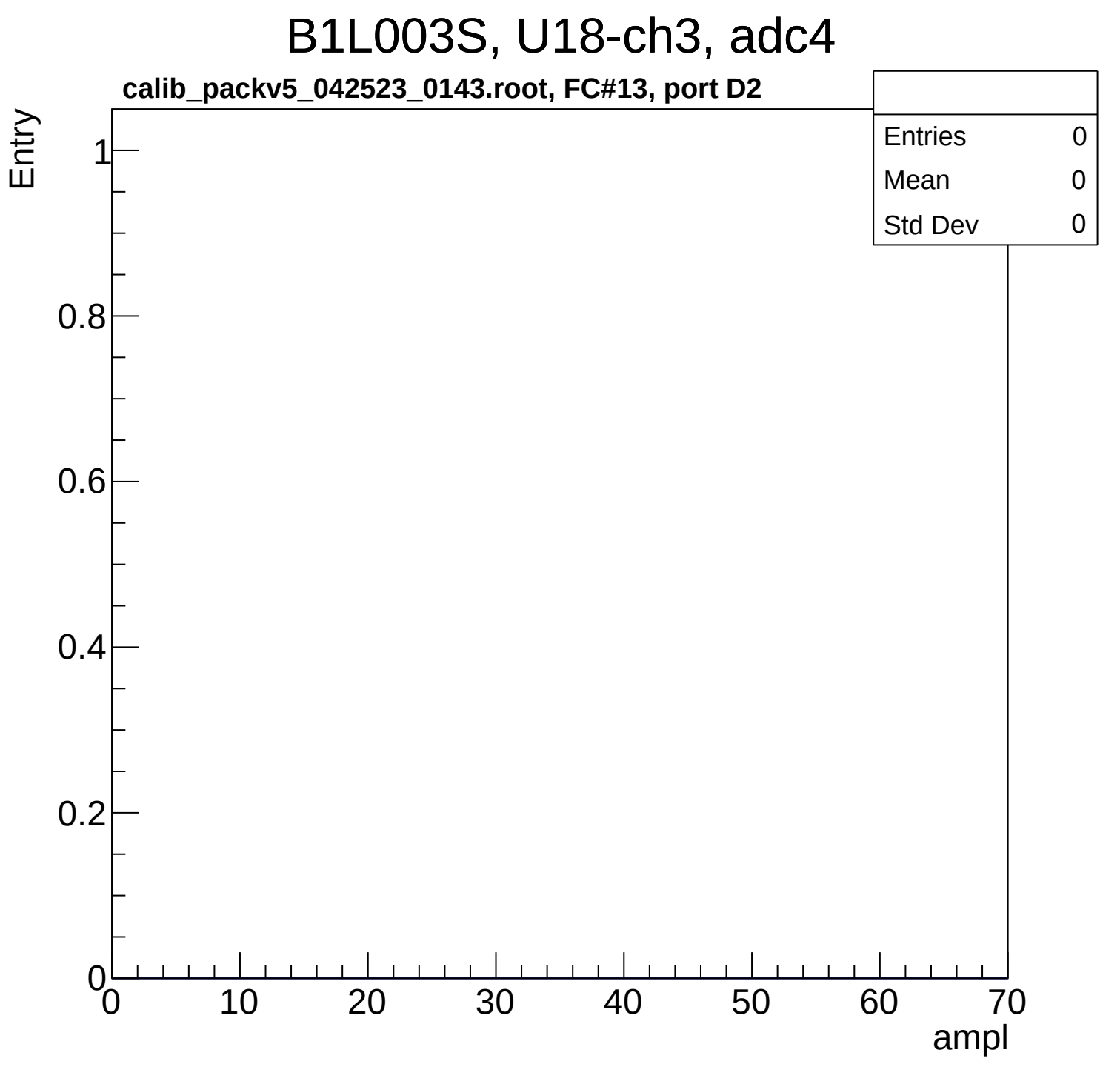

B1L003S, U18-ch2, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

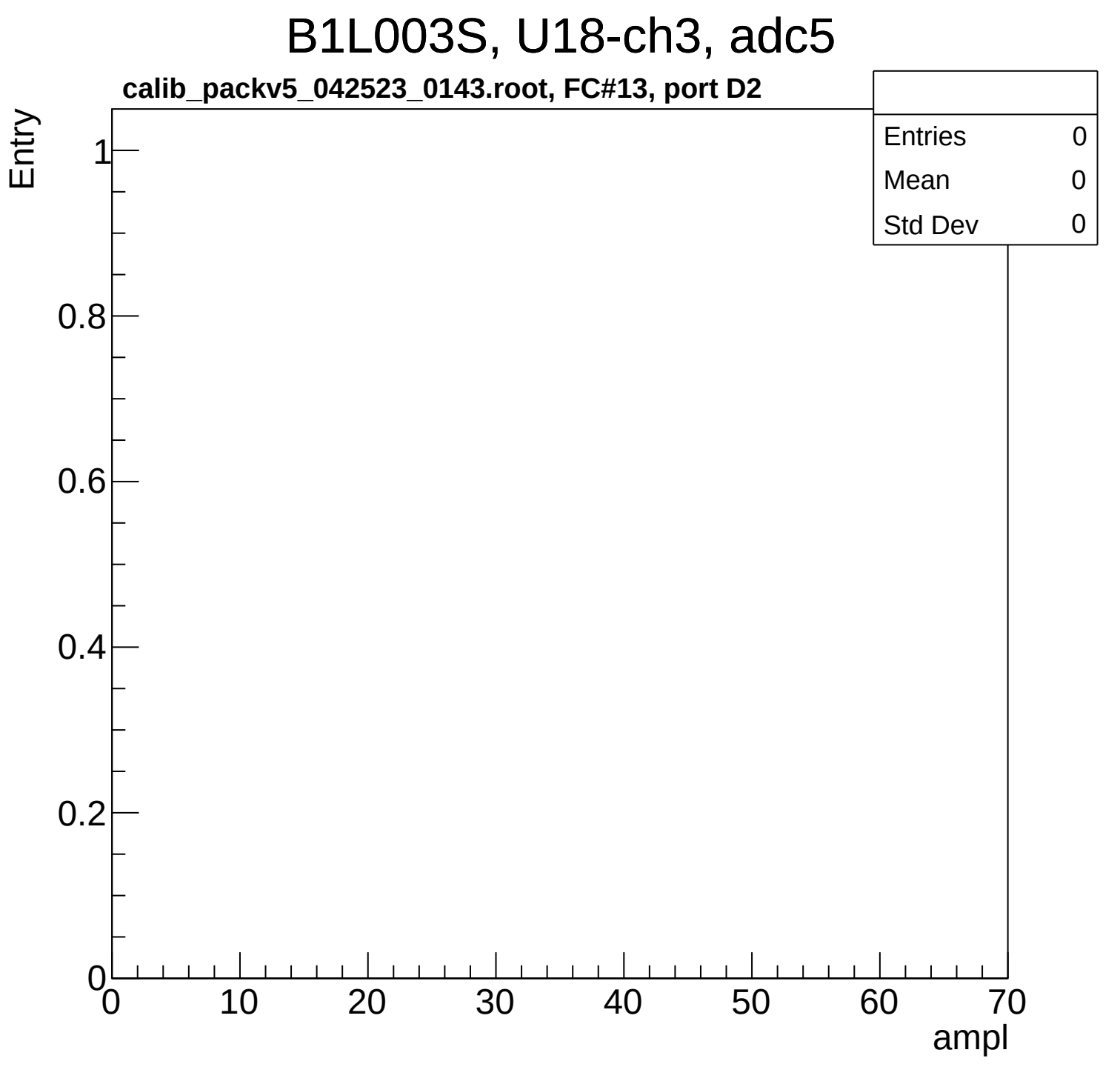

B1L003S, U18-ch3, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

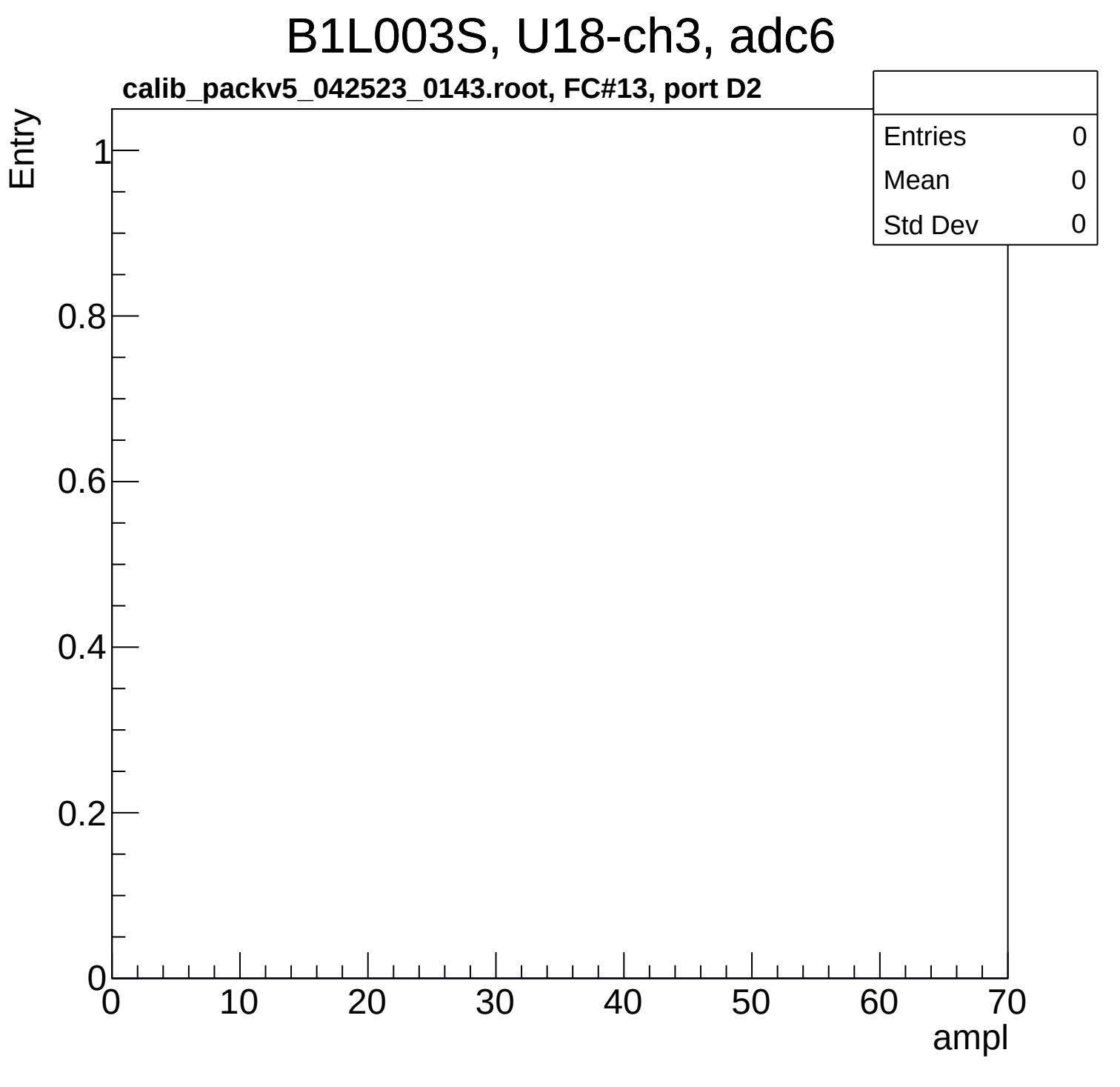

B1L003S, U18-ch3, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

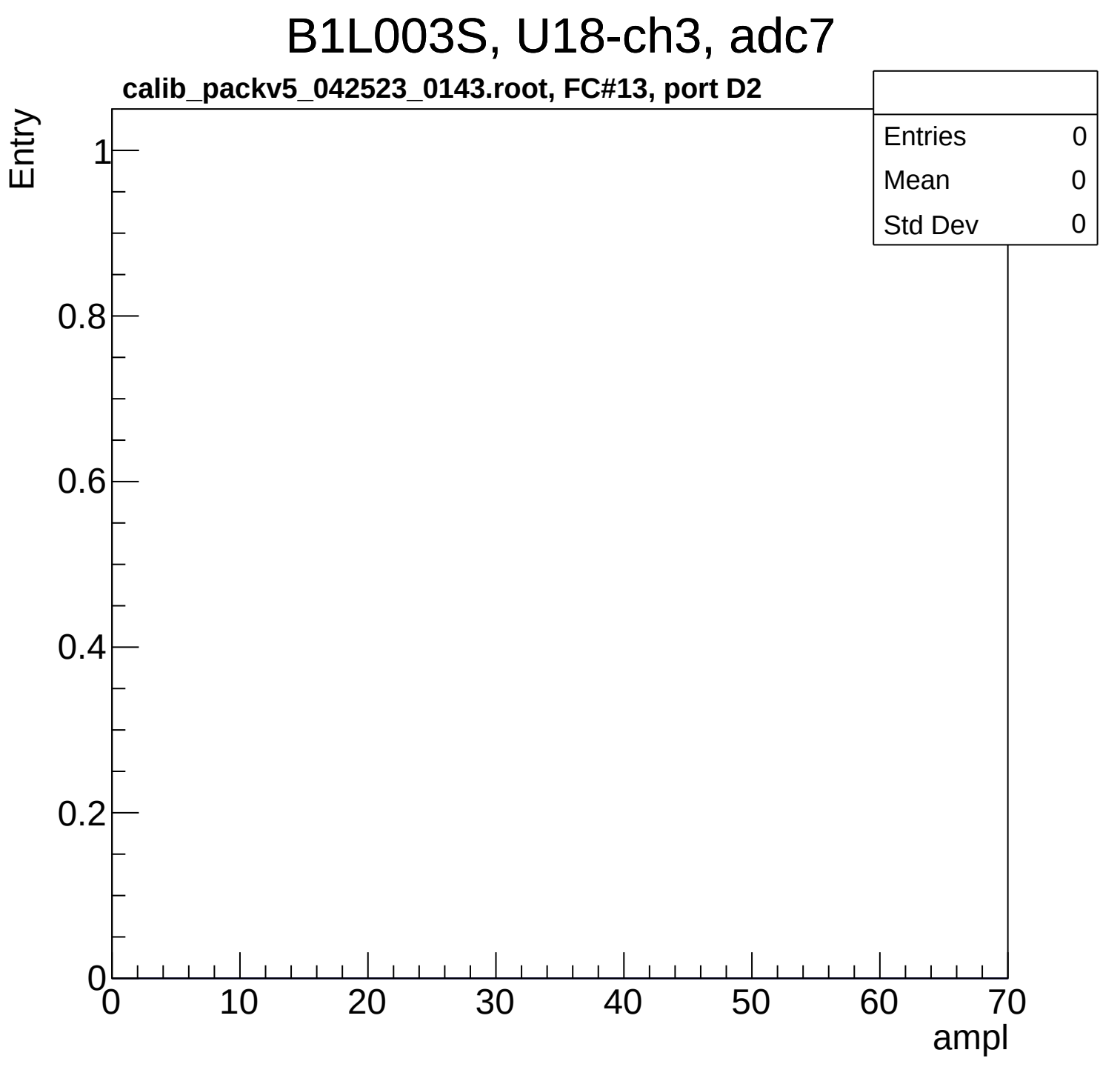

B1L003S, U18-ch3, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

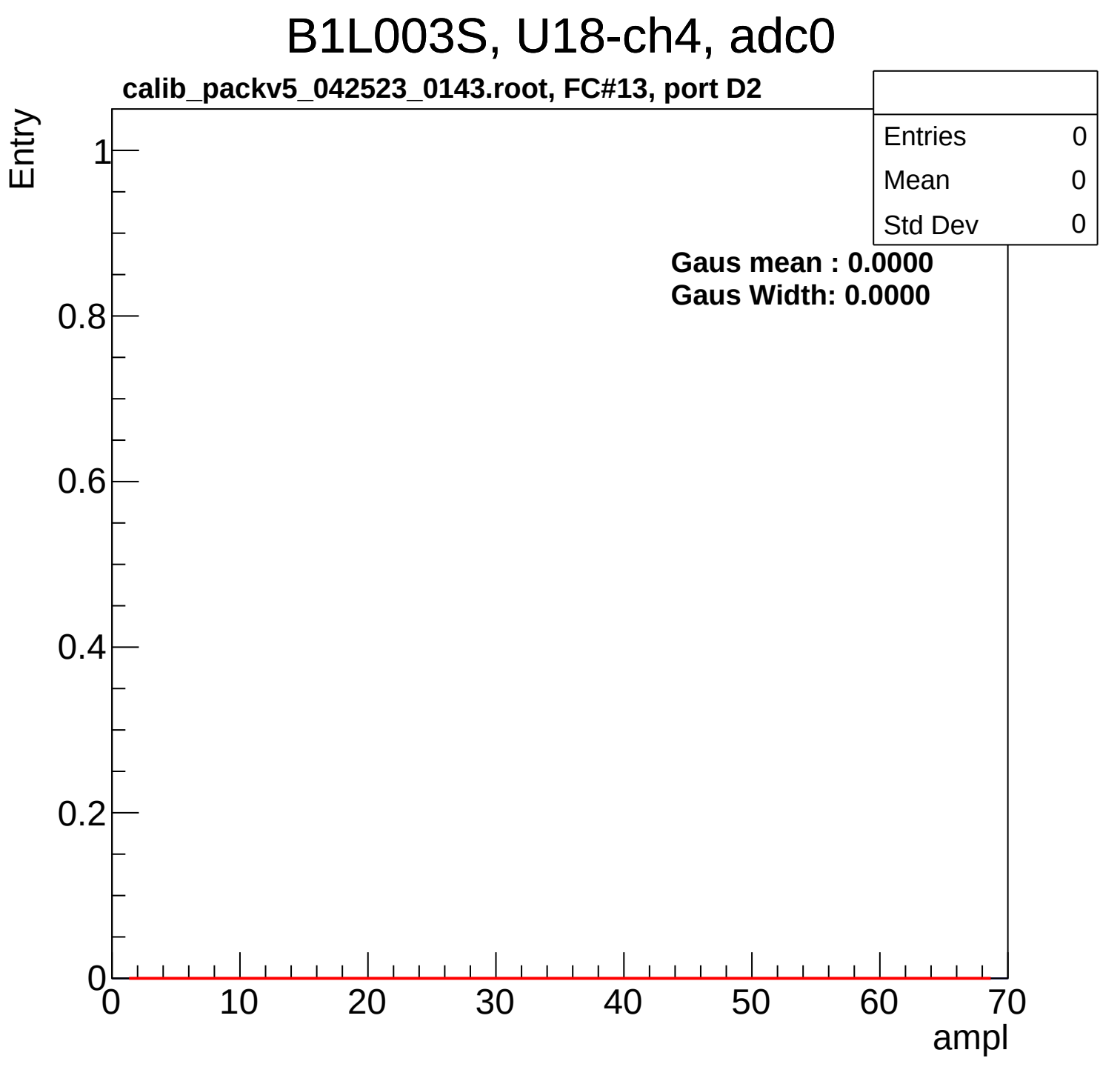

B1L003S, U18-ch3, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

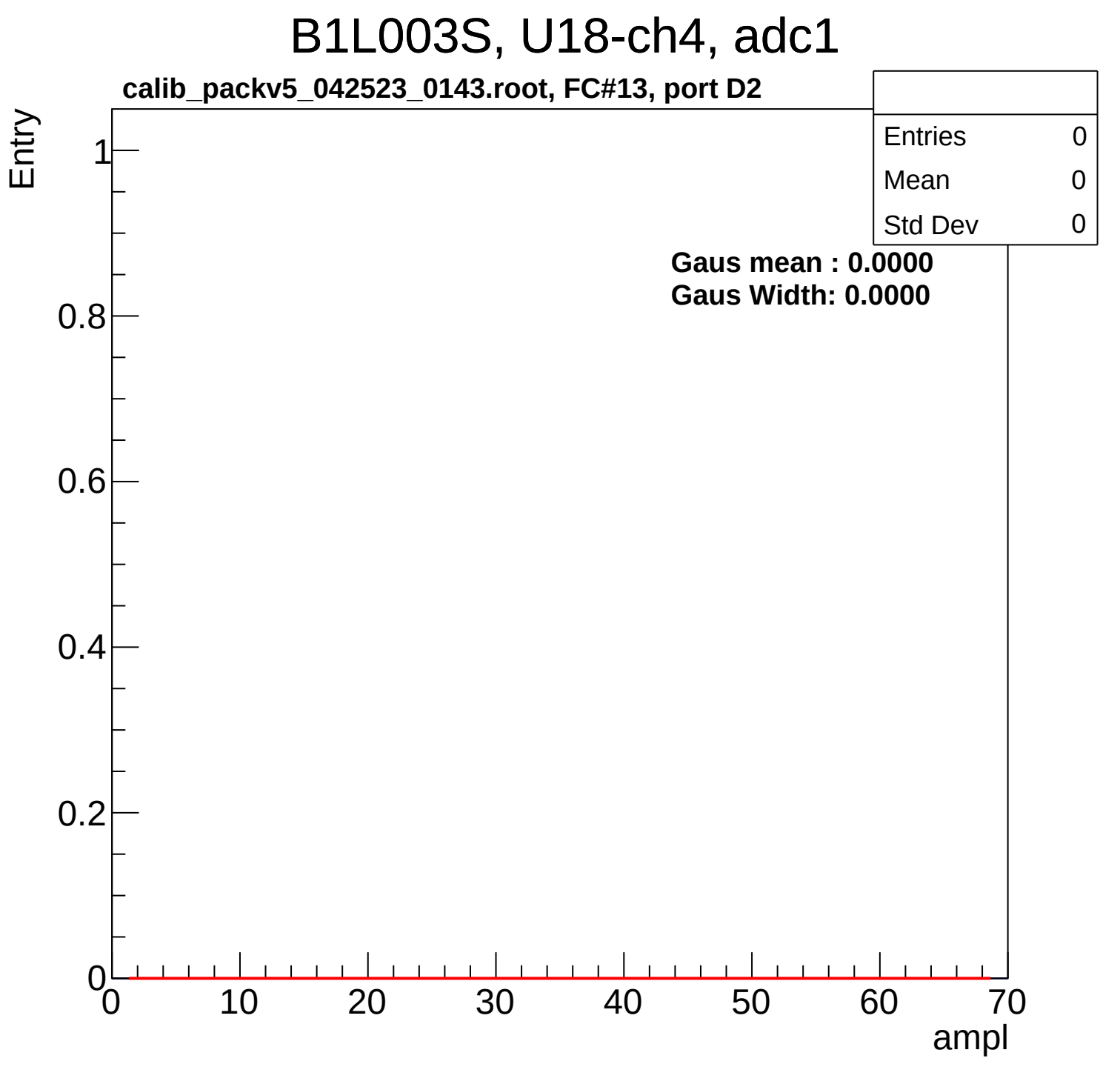

B1L003S, U18-ch3, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

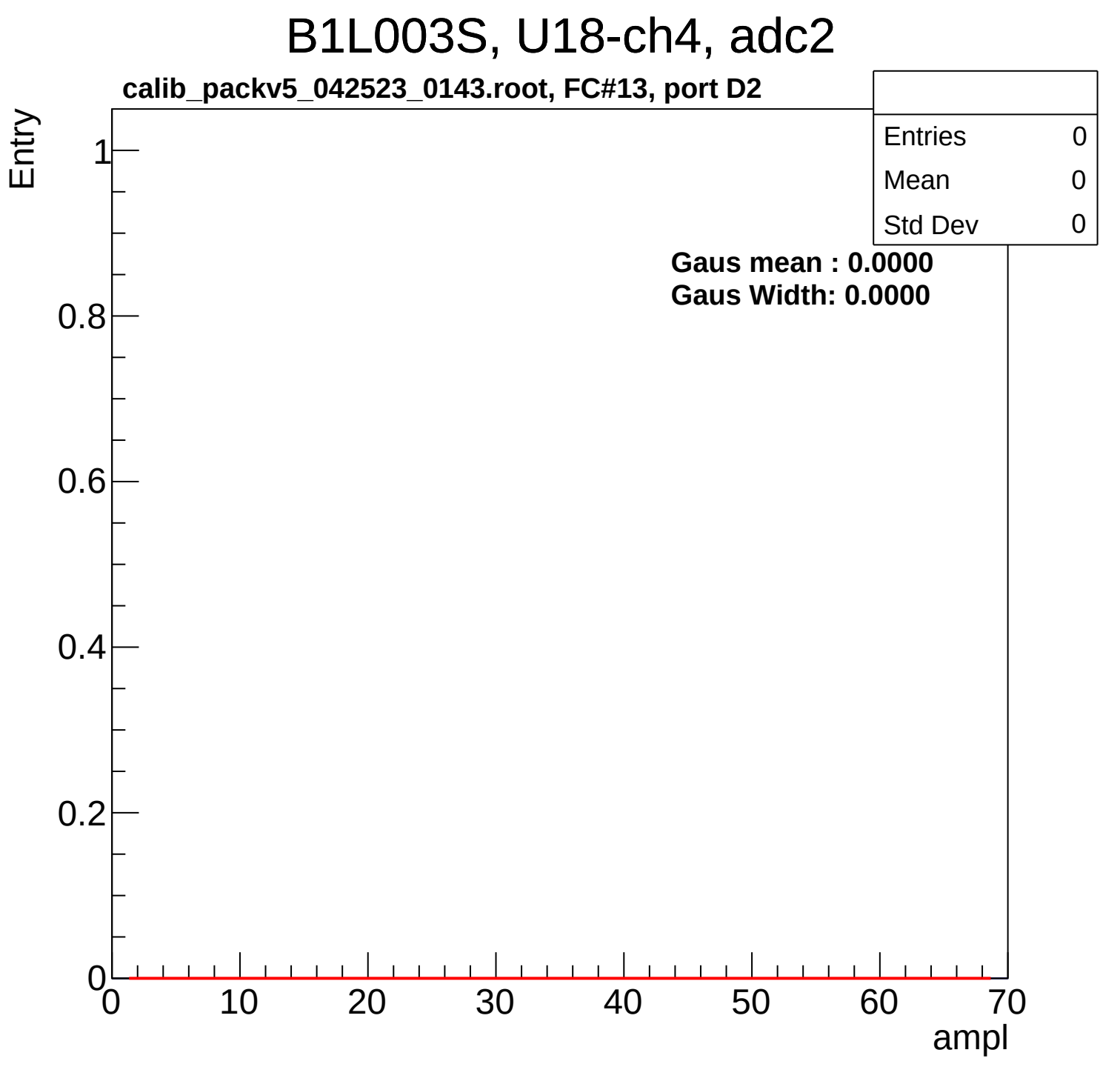

B1L003S, U18-ch3, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

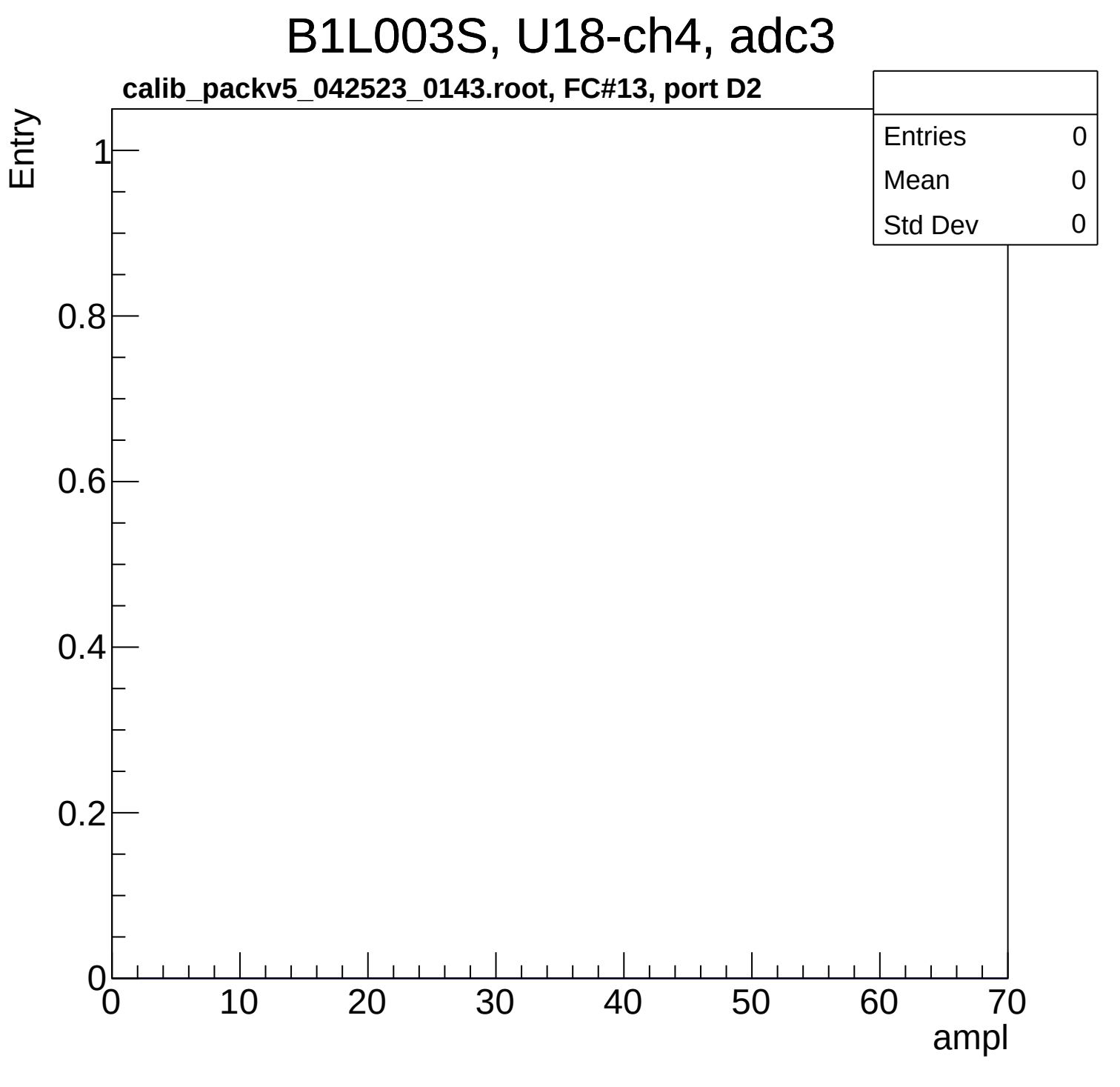

B1L003S, U18-ch3, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

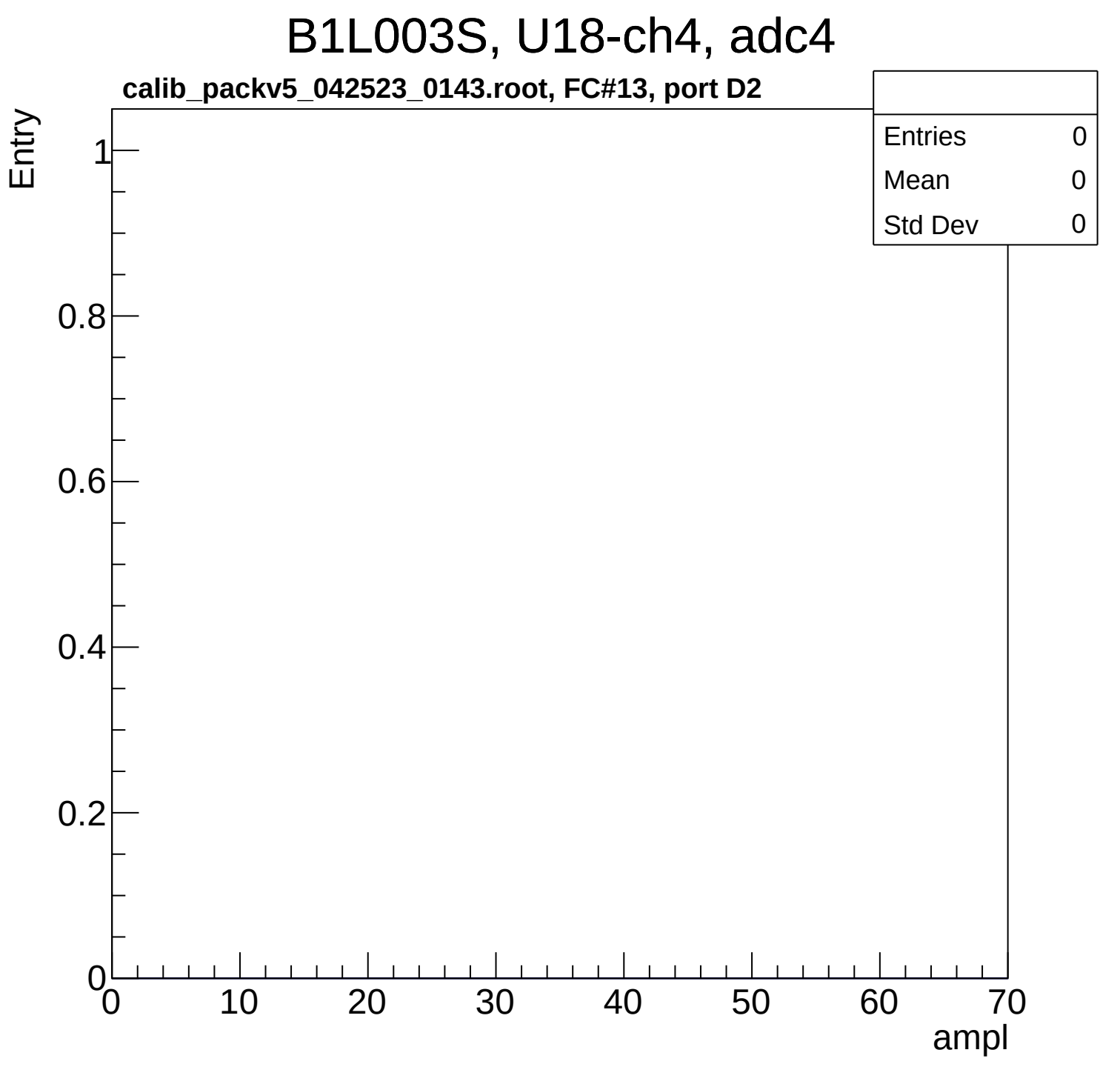

B1L003S, U18-ch3, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

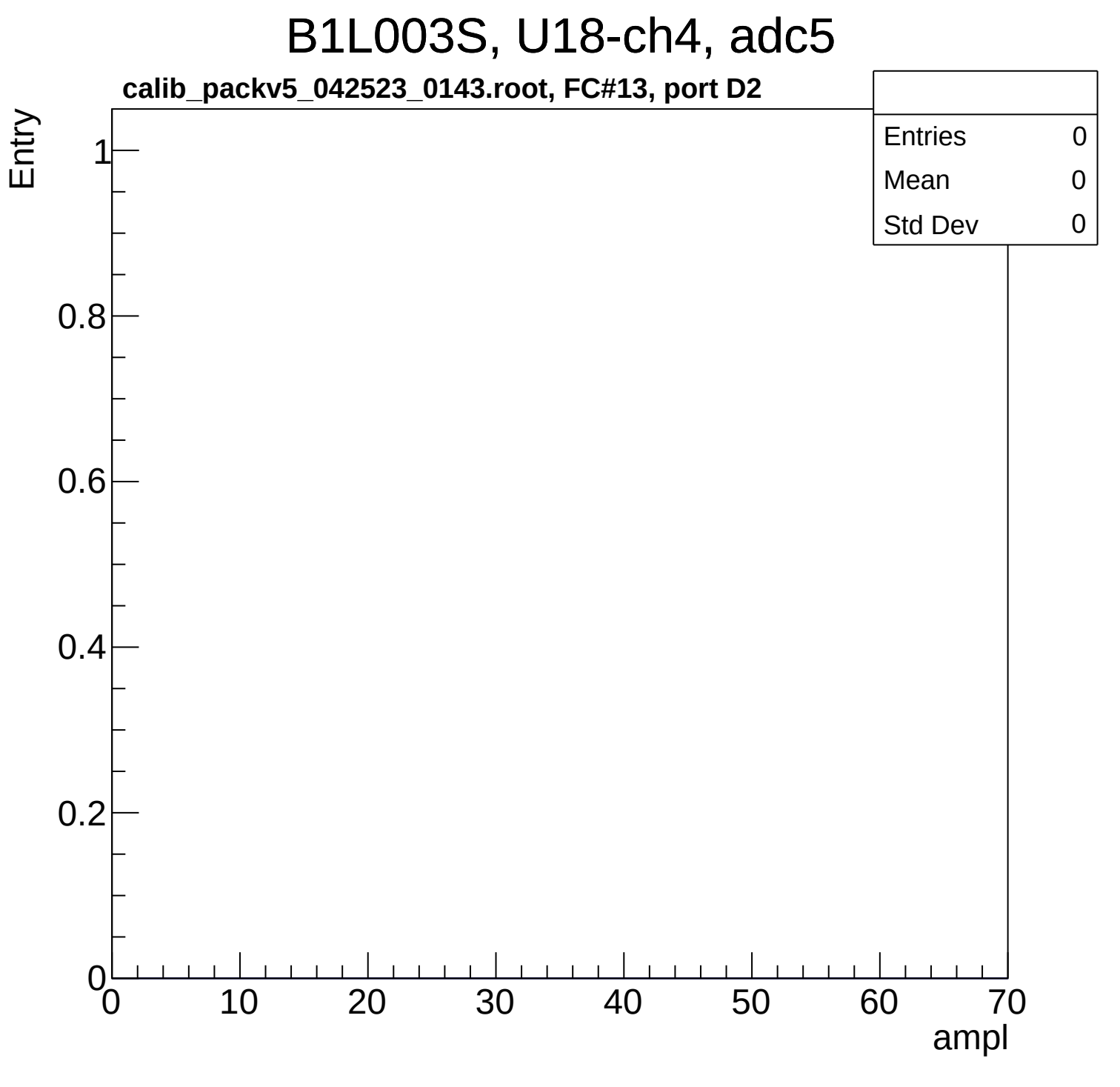

B1L003S, U18-ch4, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

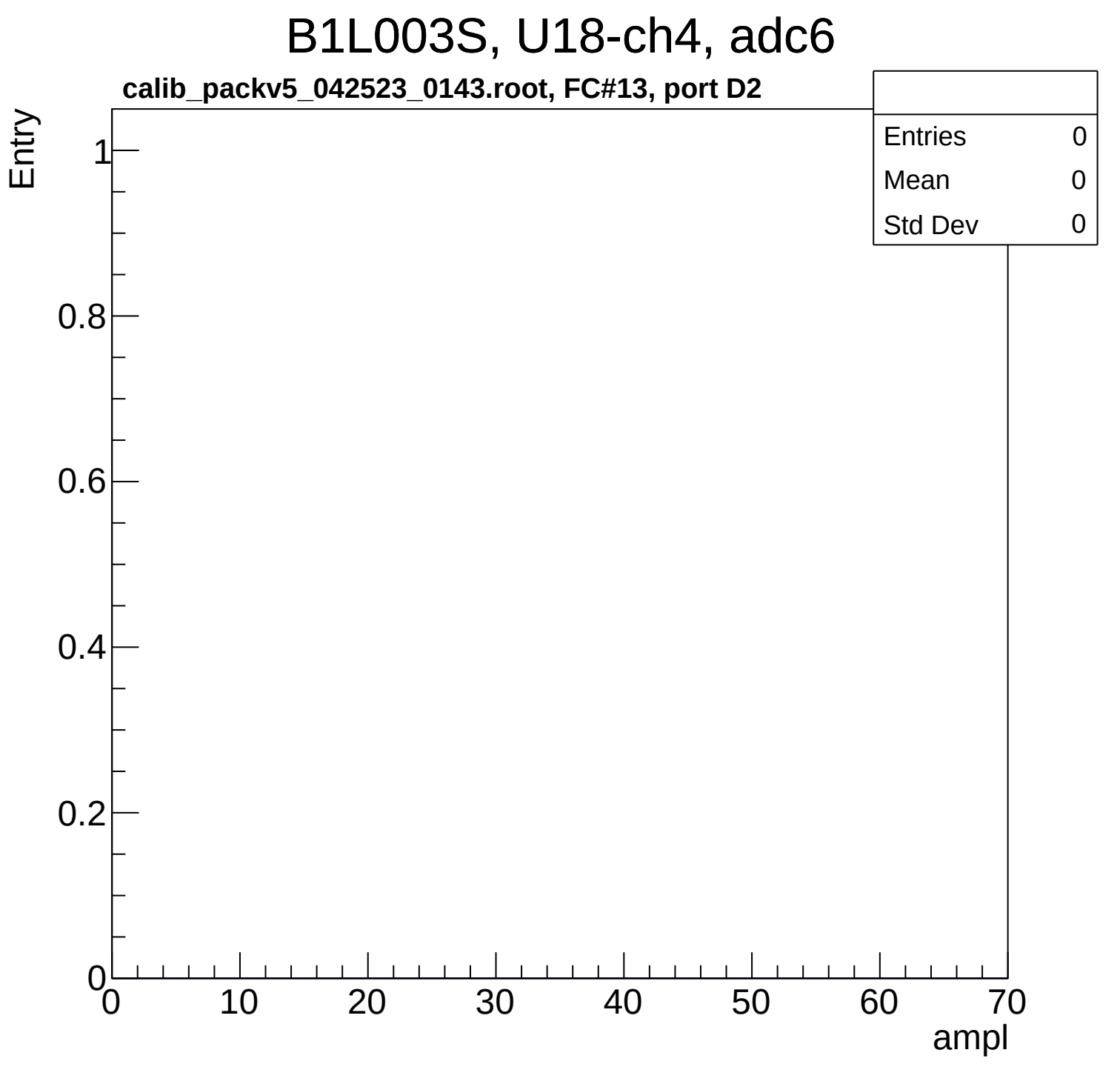

B1L003S, U18-ch4, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

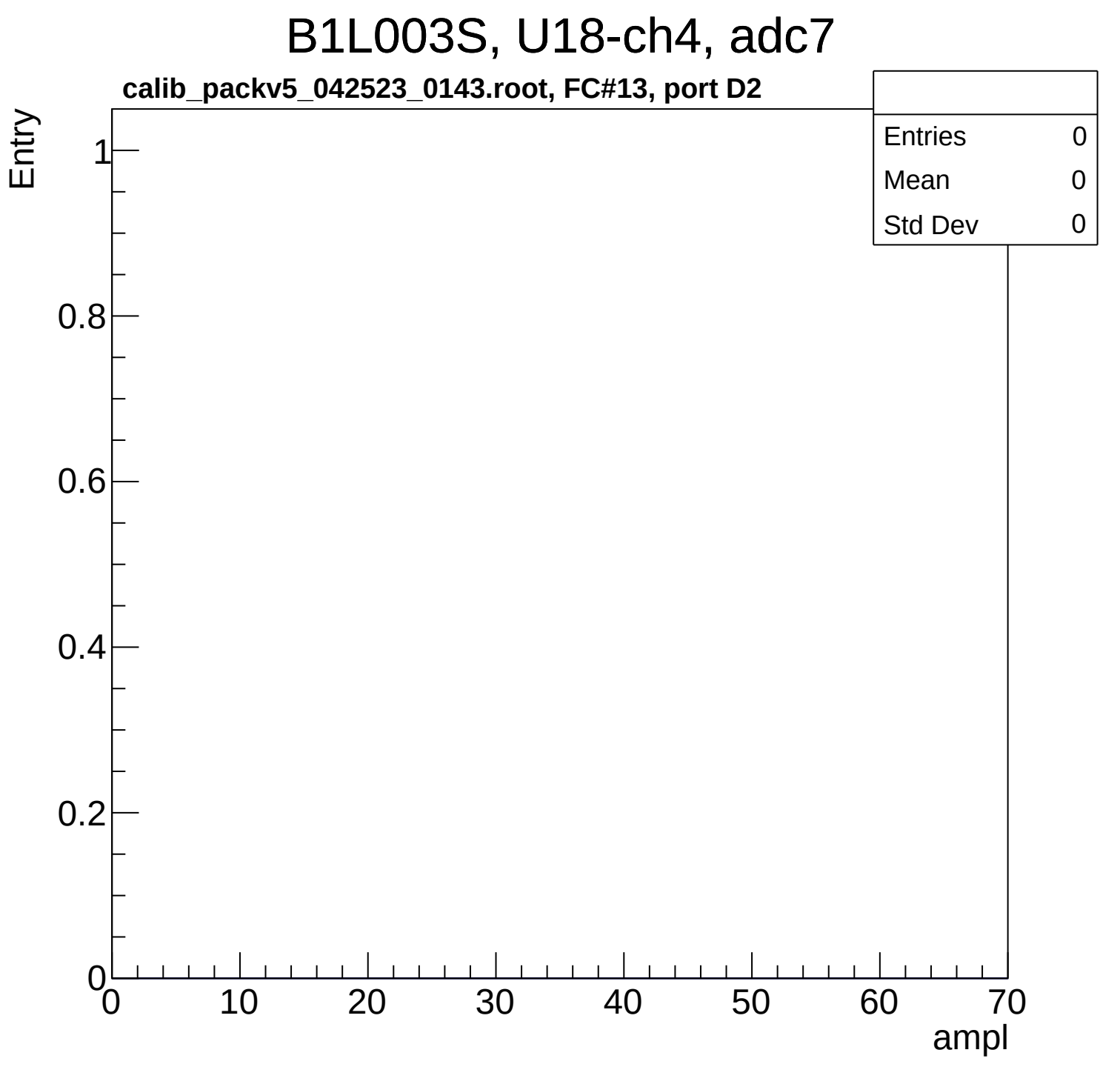

B1L003S, U18-ch4, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

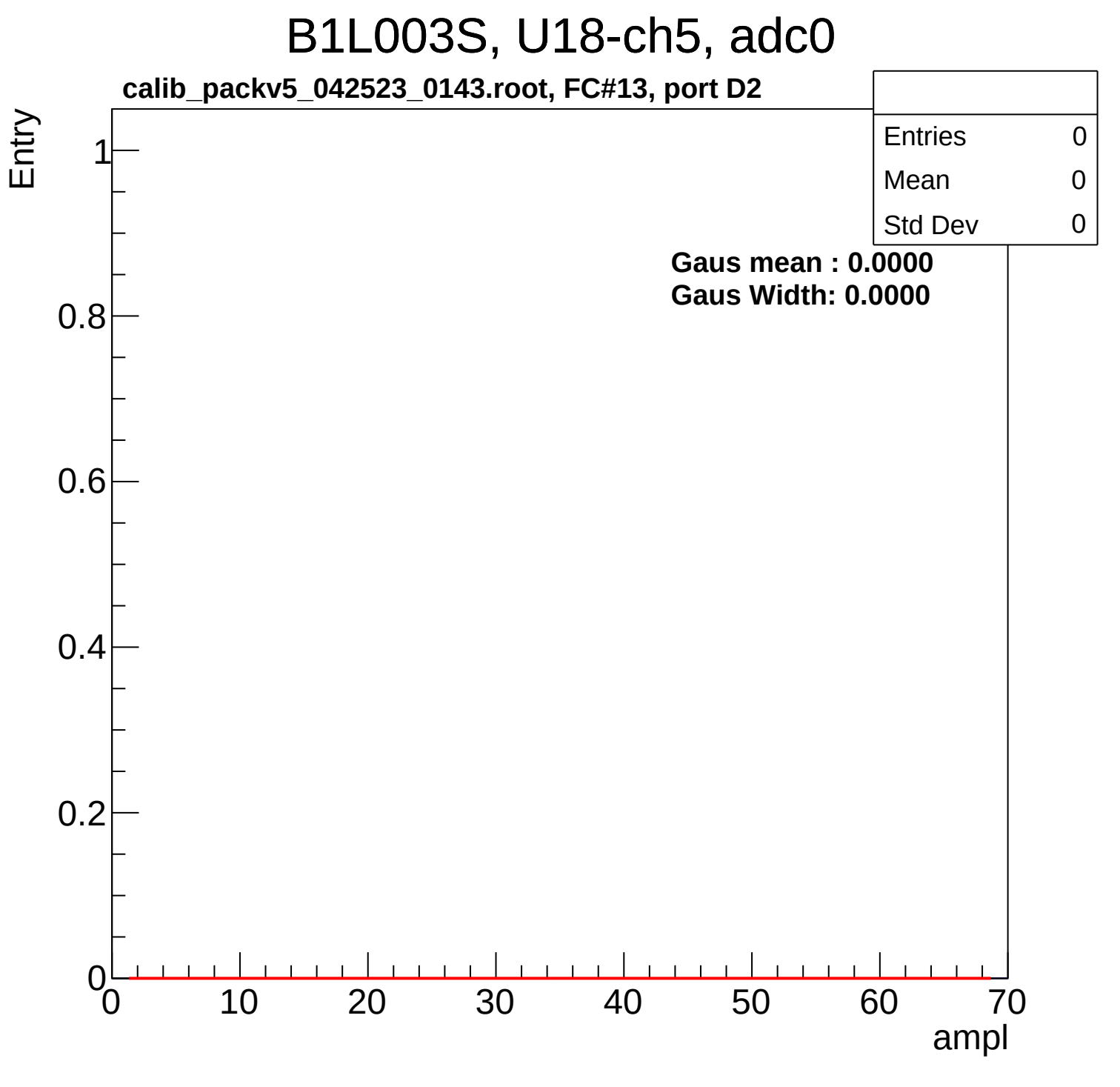

B1L003S, U18-ch4, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

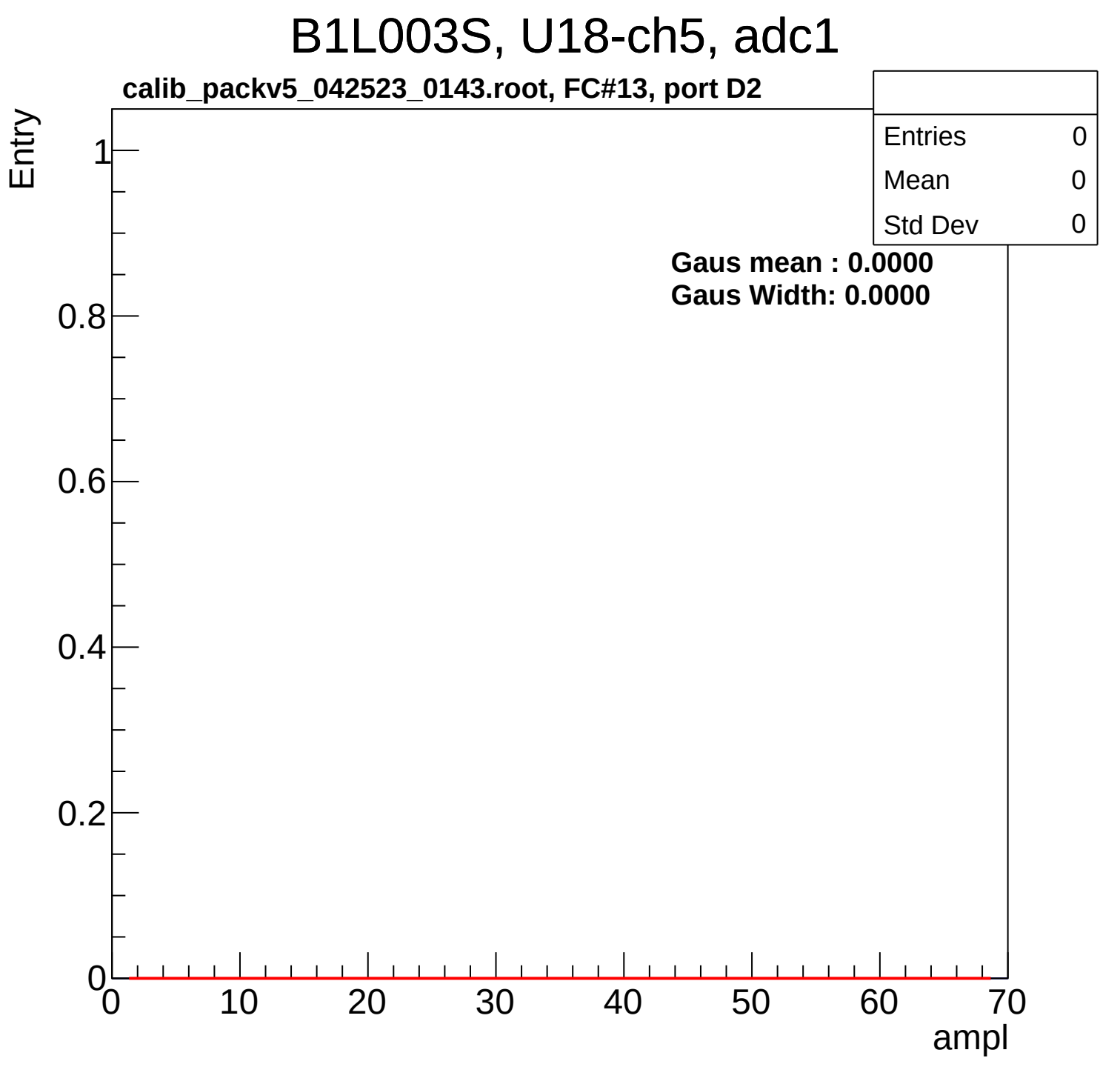

B1L003S, U18-ch4, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

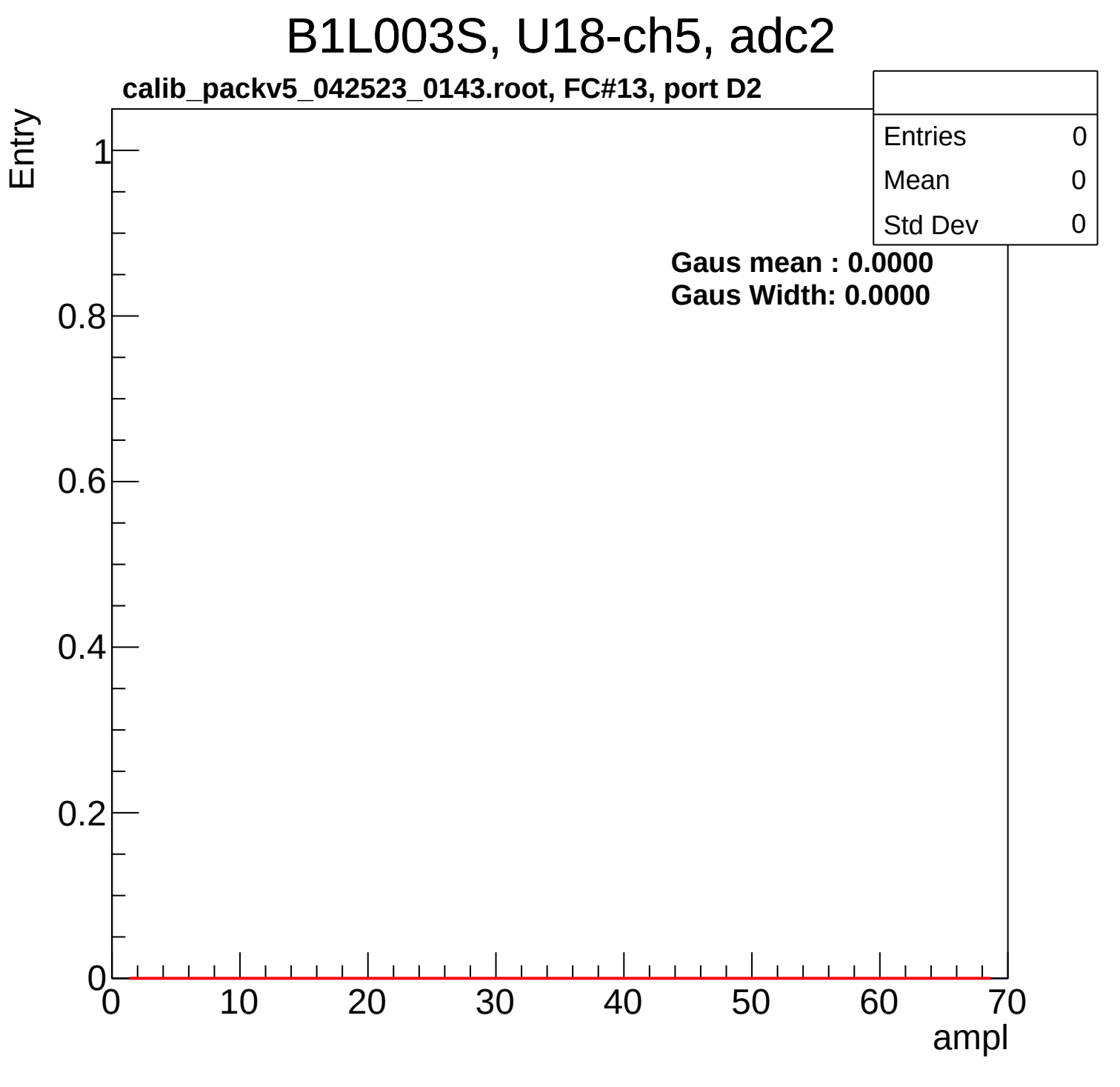

B1L003S, U18-ch4, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

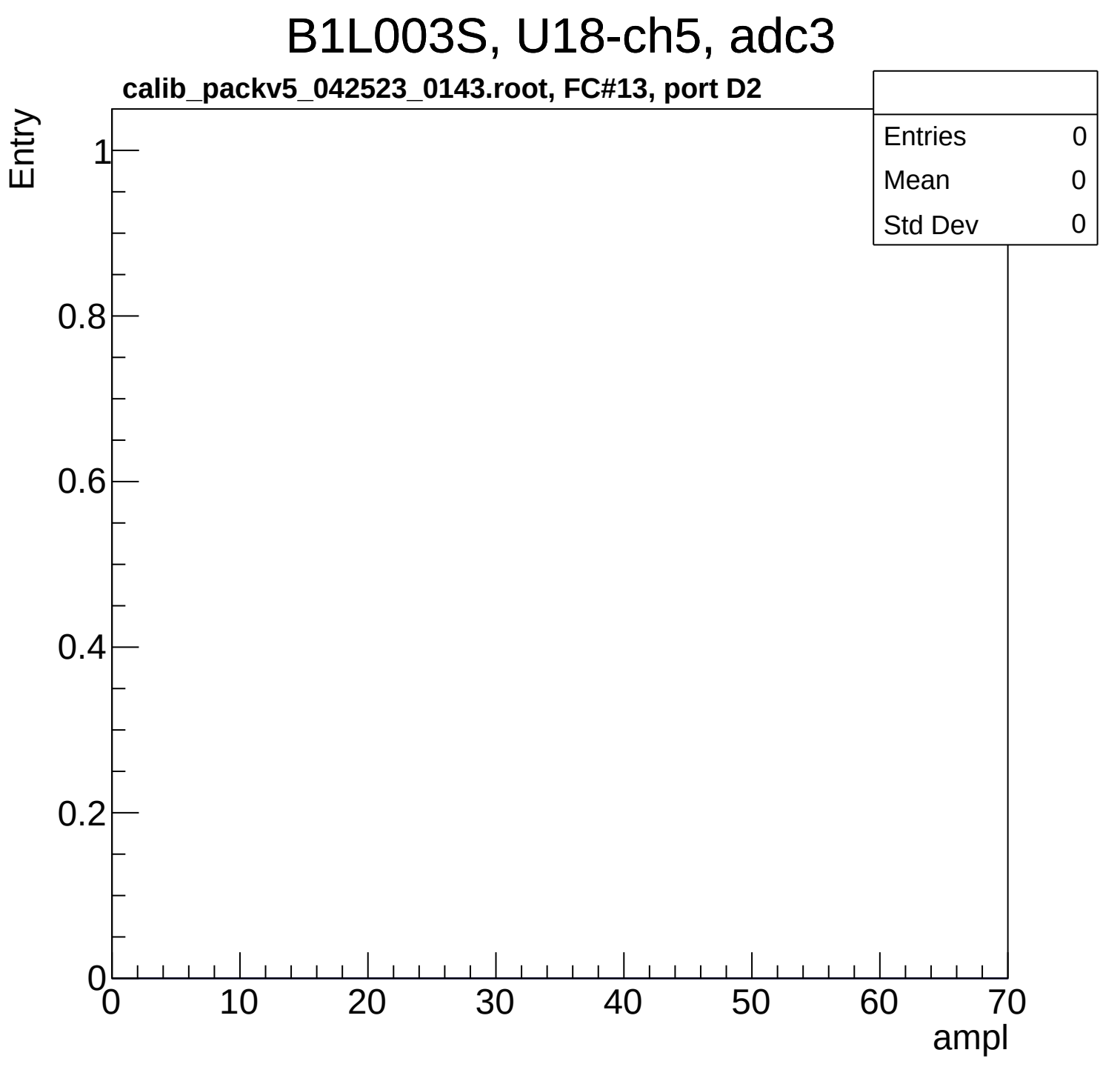

B1L003S, U18-ch4, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

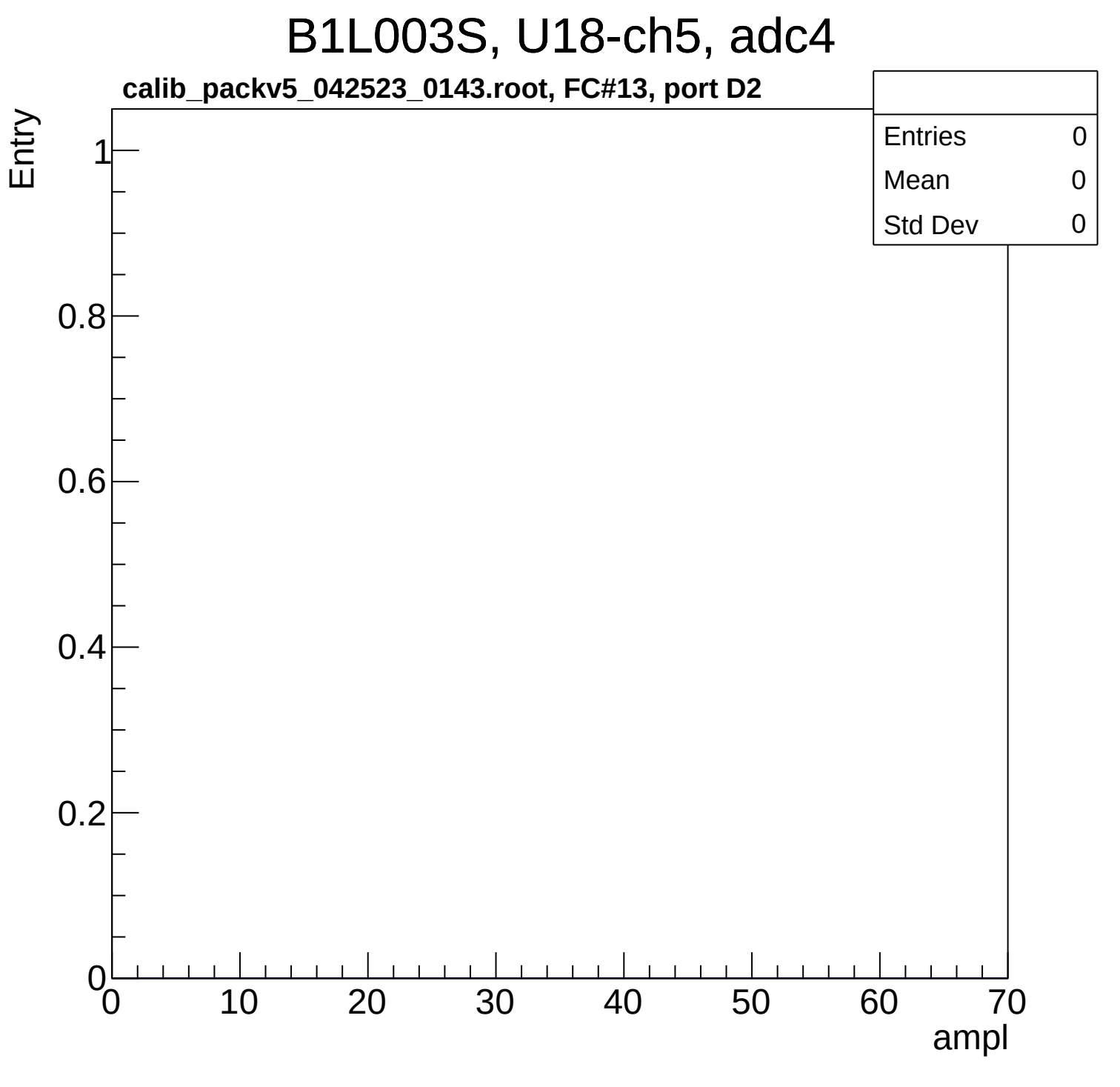

B1L003S, U18-ch4, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

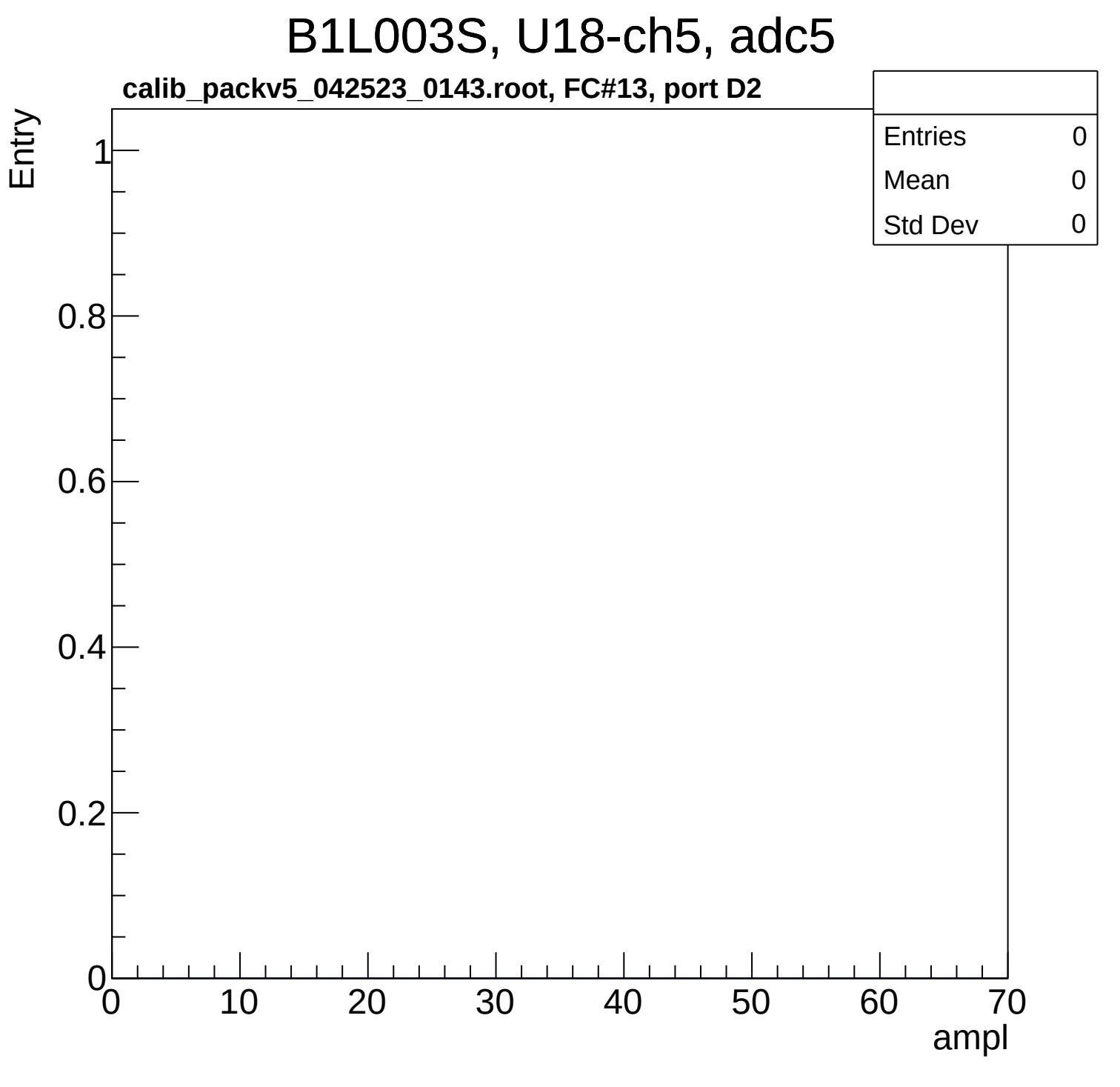

B1L003S, U18-ch5, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

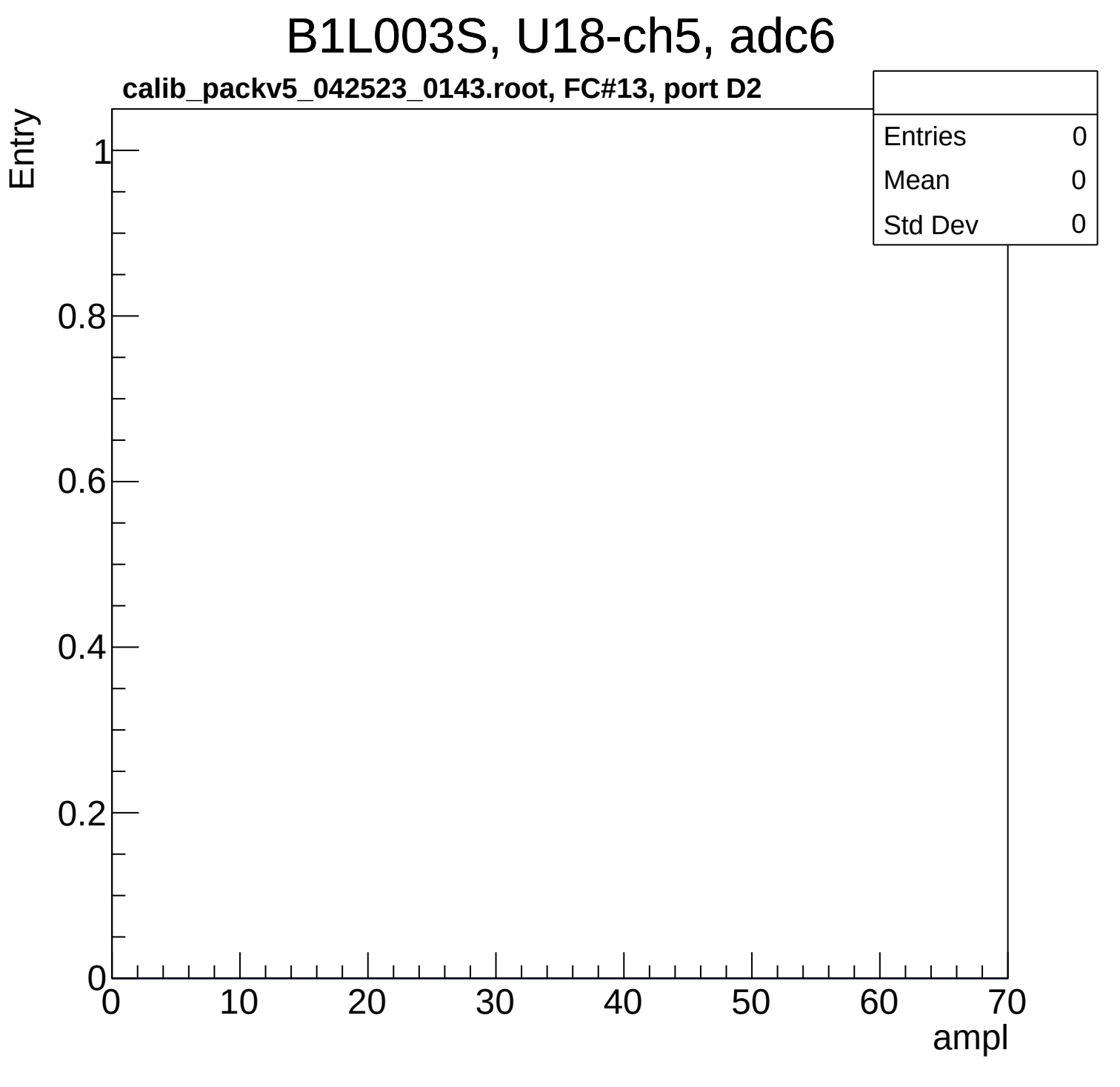

B1L003S, U18-ch5, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

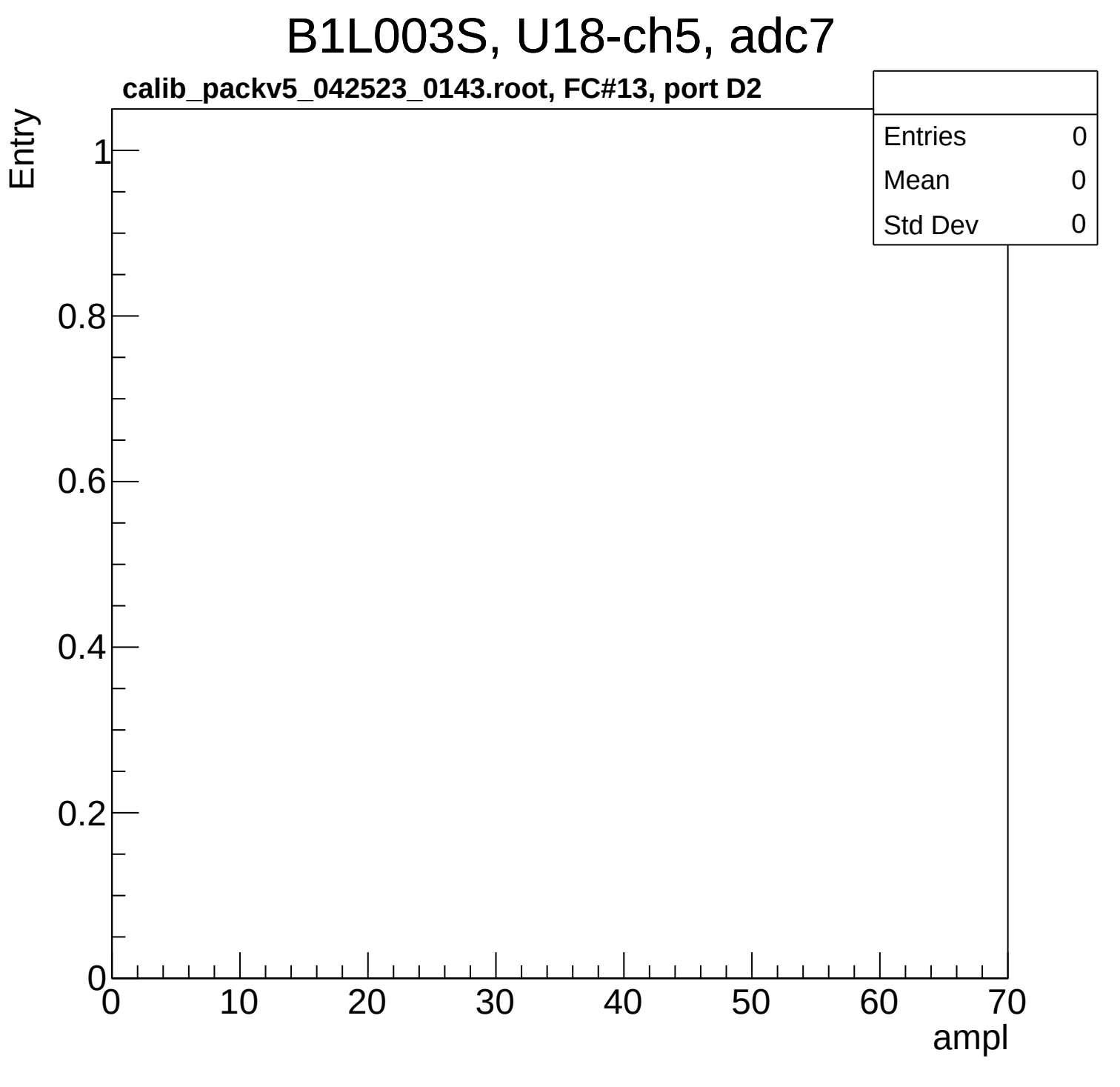

B1L003S, U18-ch5, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

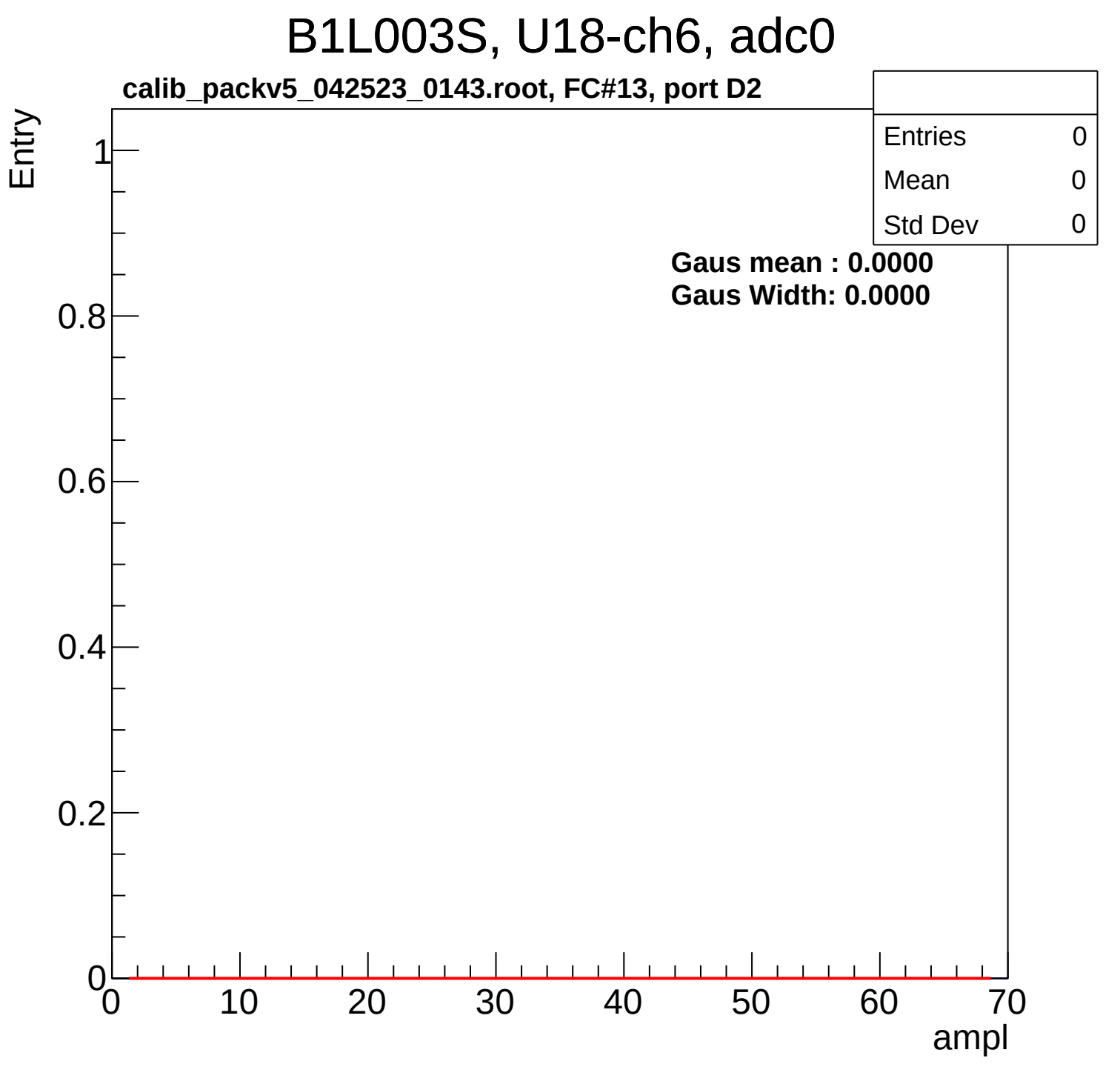

B1L003S, U18-ch5, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

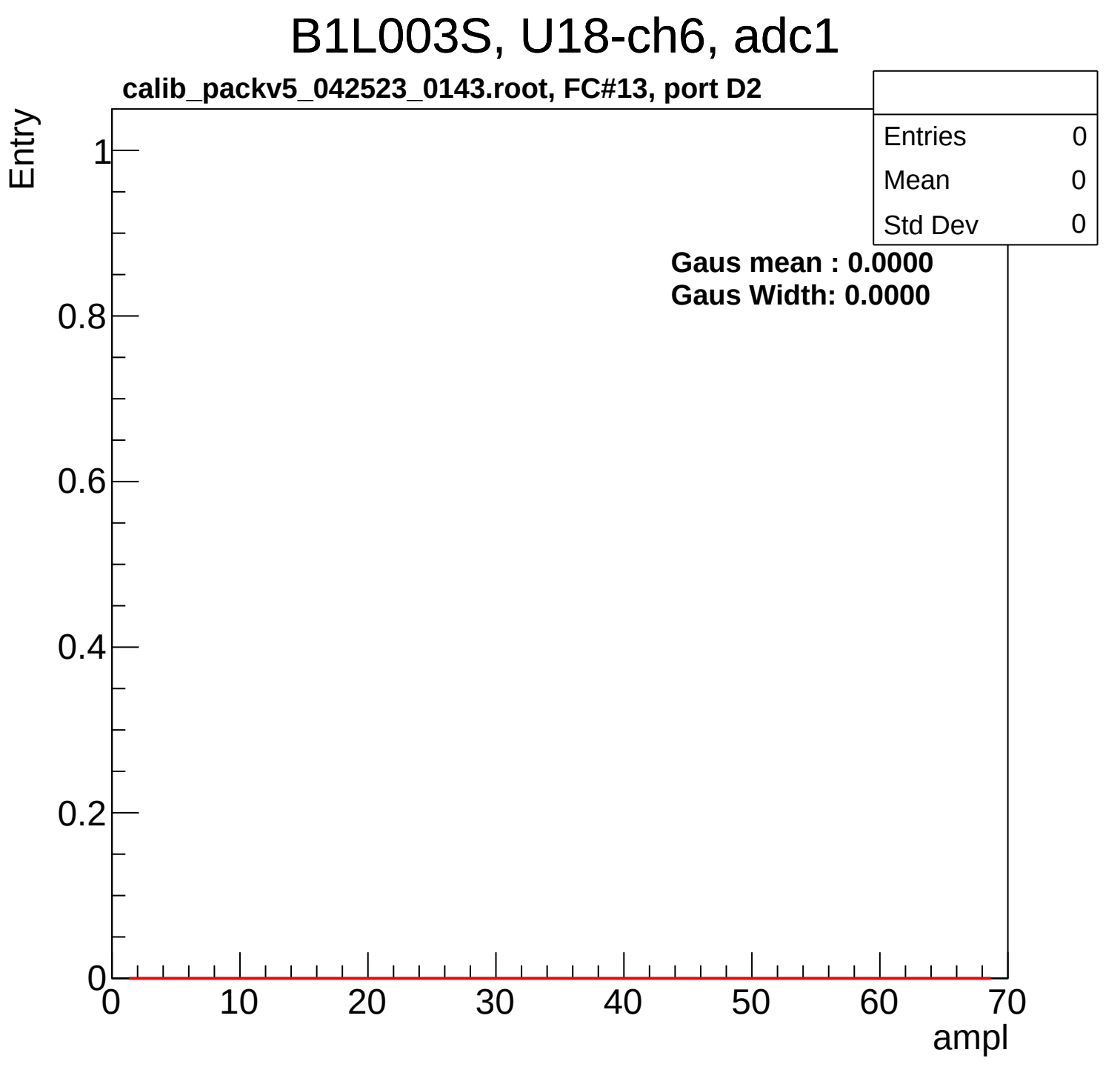

B1L003S, U18-ch5, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

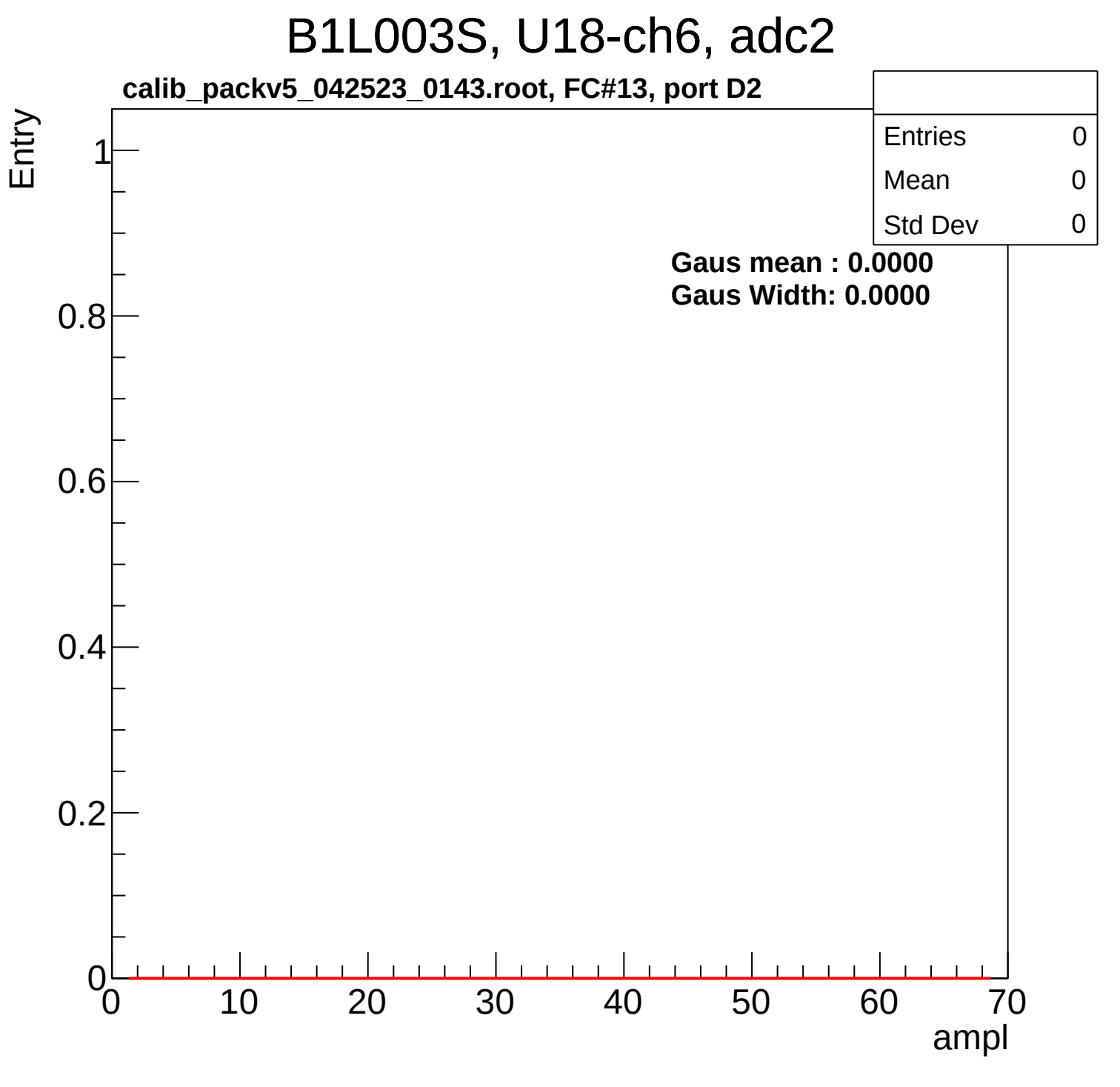

B1L003S, U18-ch5, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

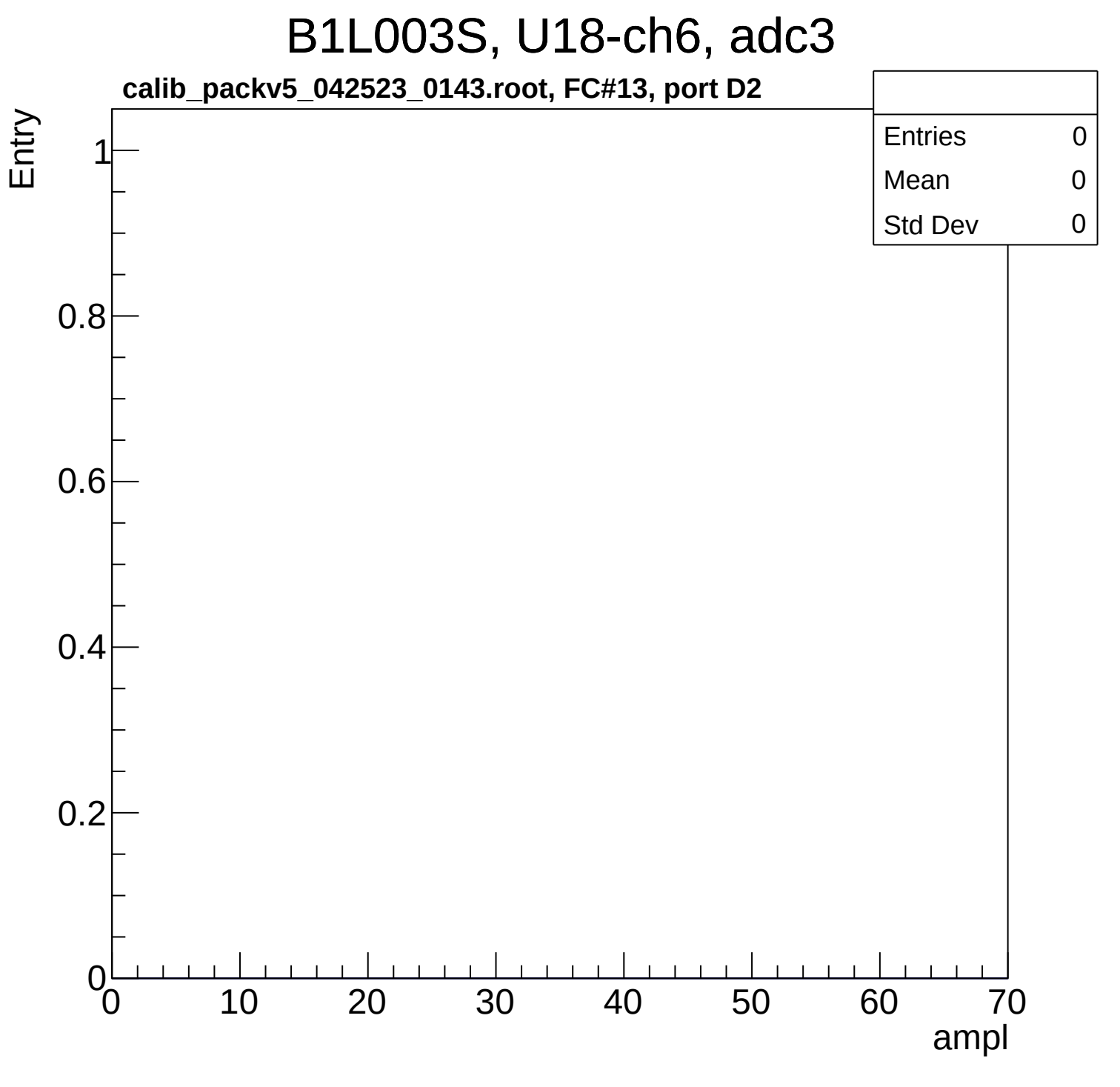

B1L003S, U18-ch5, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

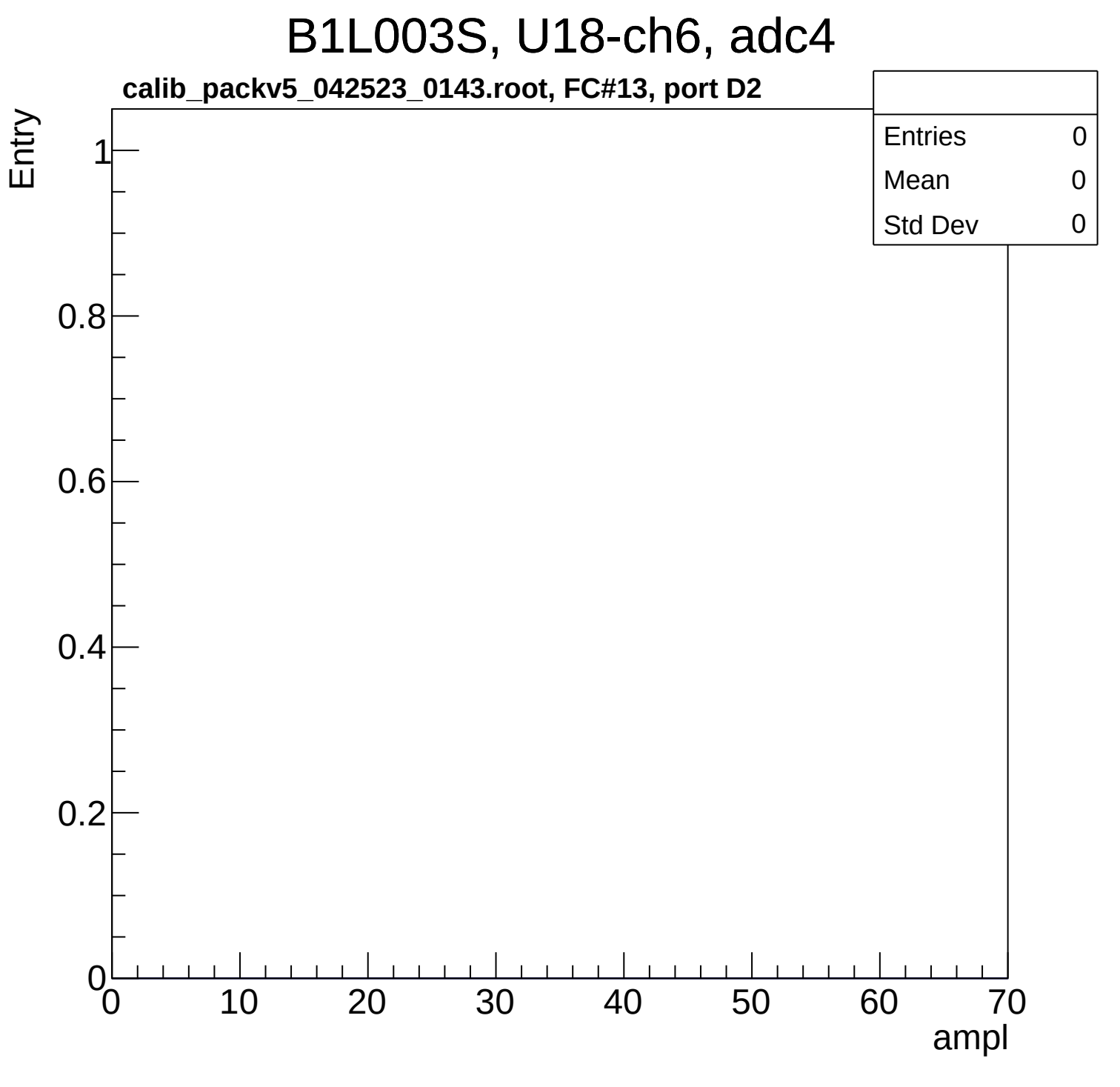

B1L003S, U18-ch5, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

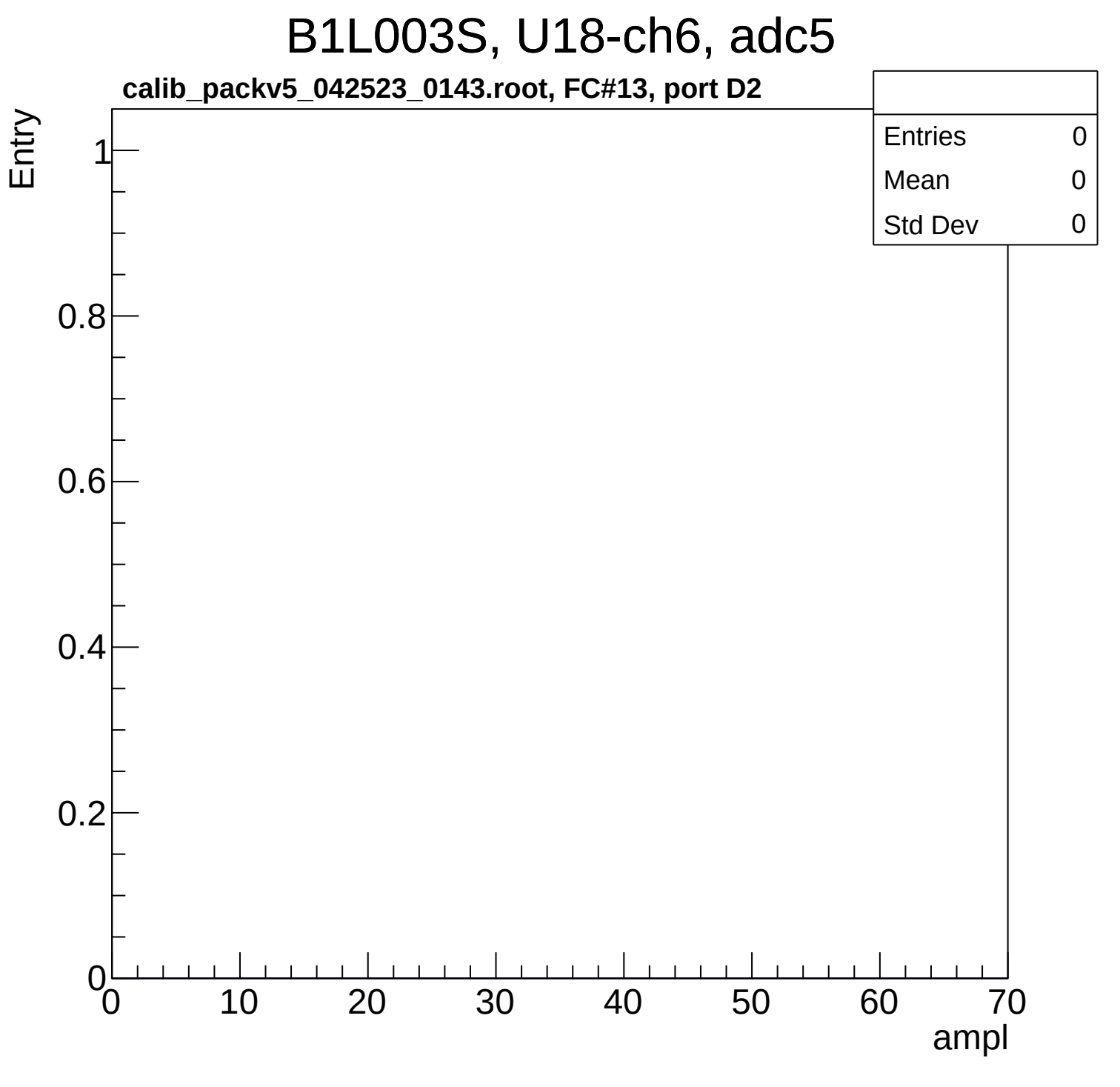

B1L003S, U18-ch6, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

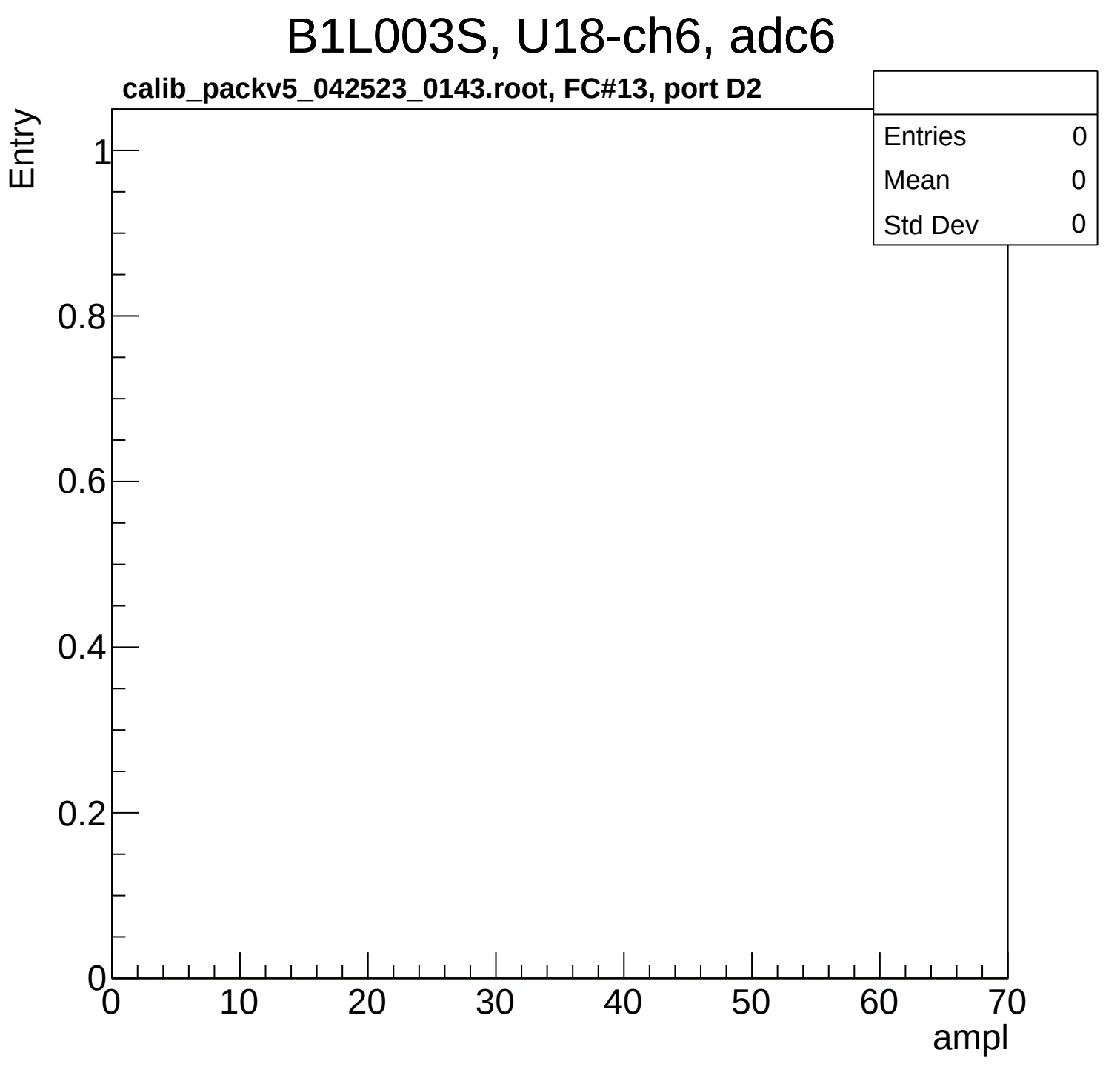

B1L003S, U18-ch6, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

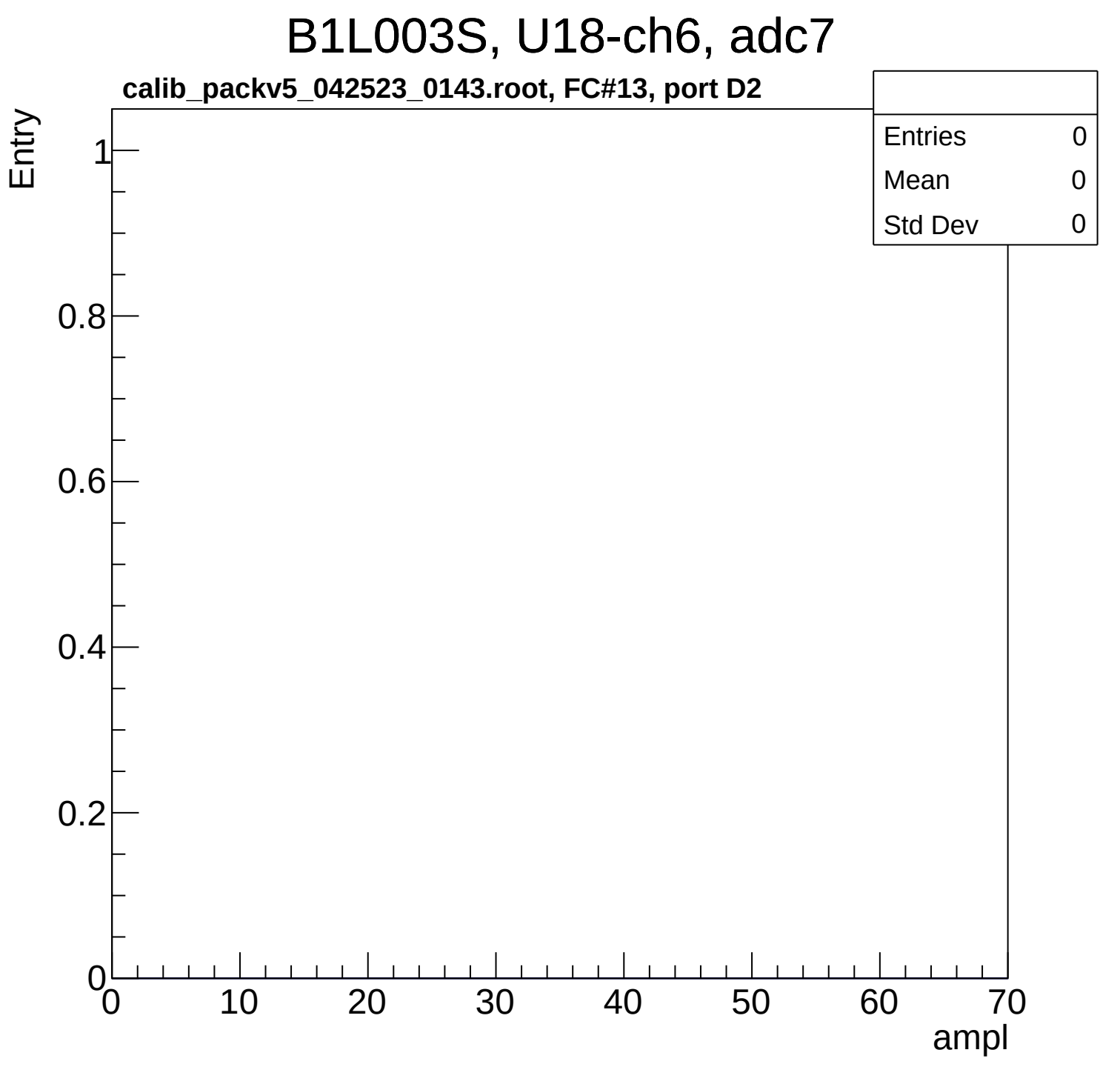

B1L003S, U18-ch6, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

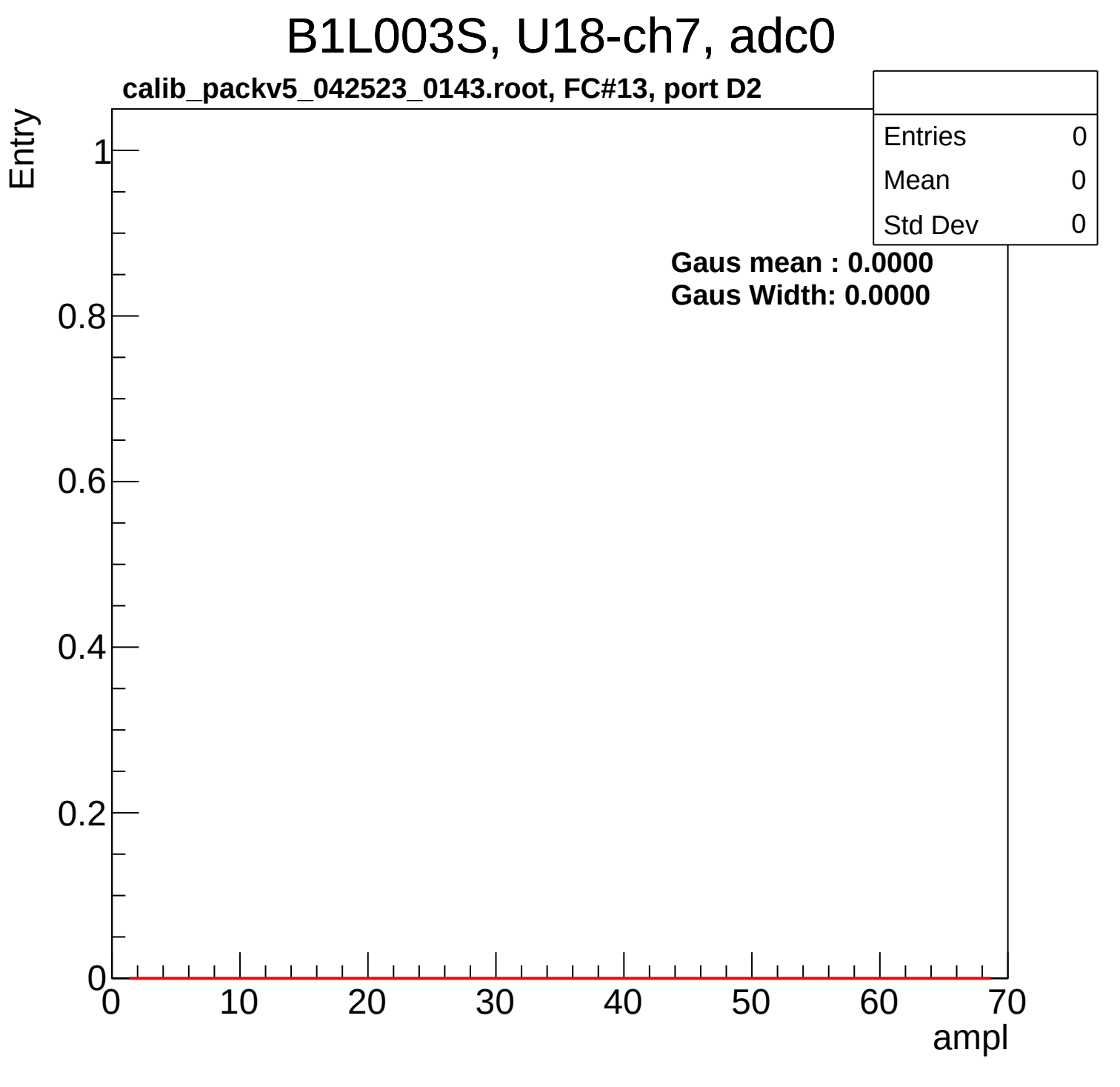

B1L003S, U18-ch6, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

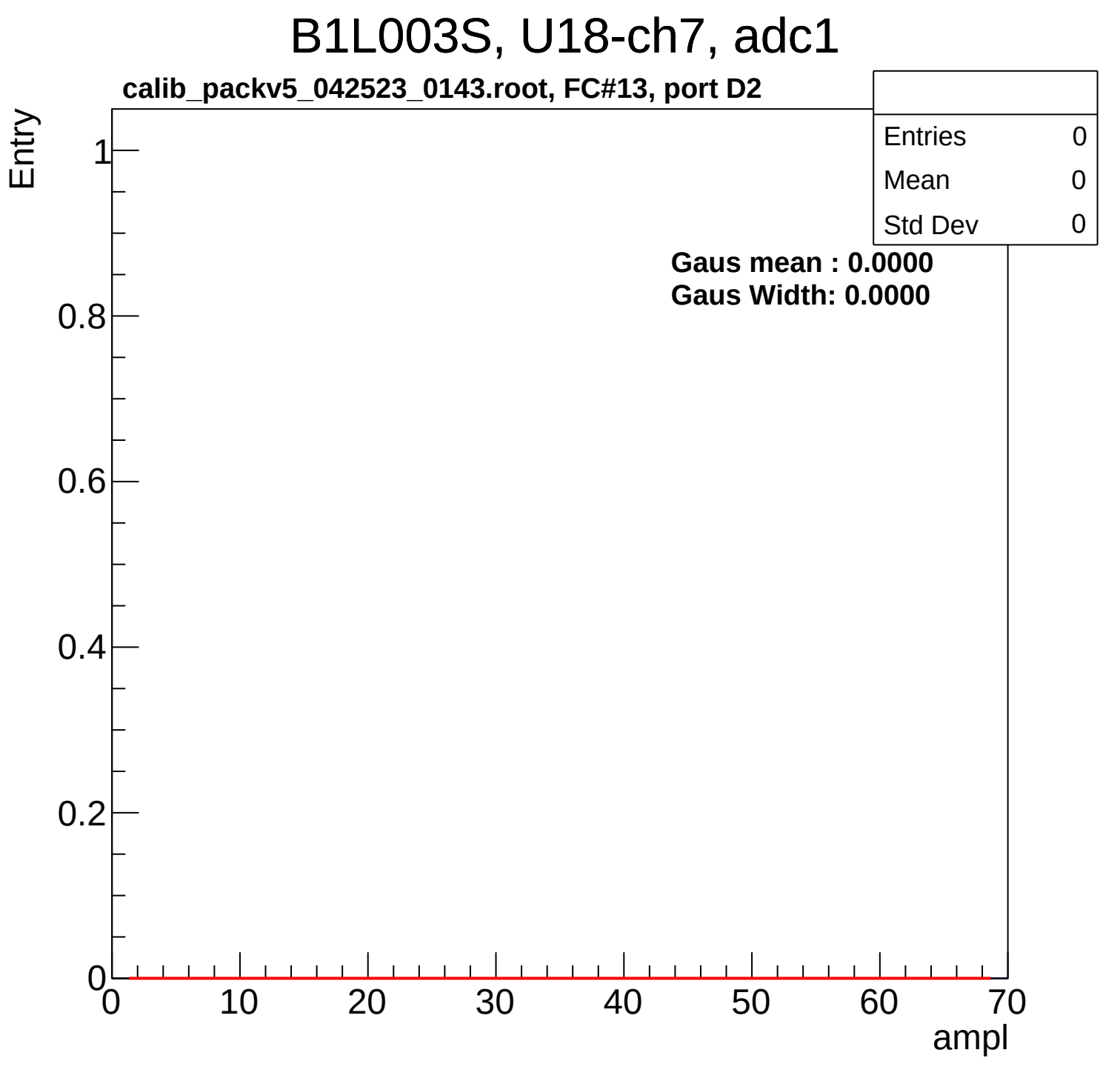

B1L003S, U18-ch6, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

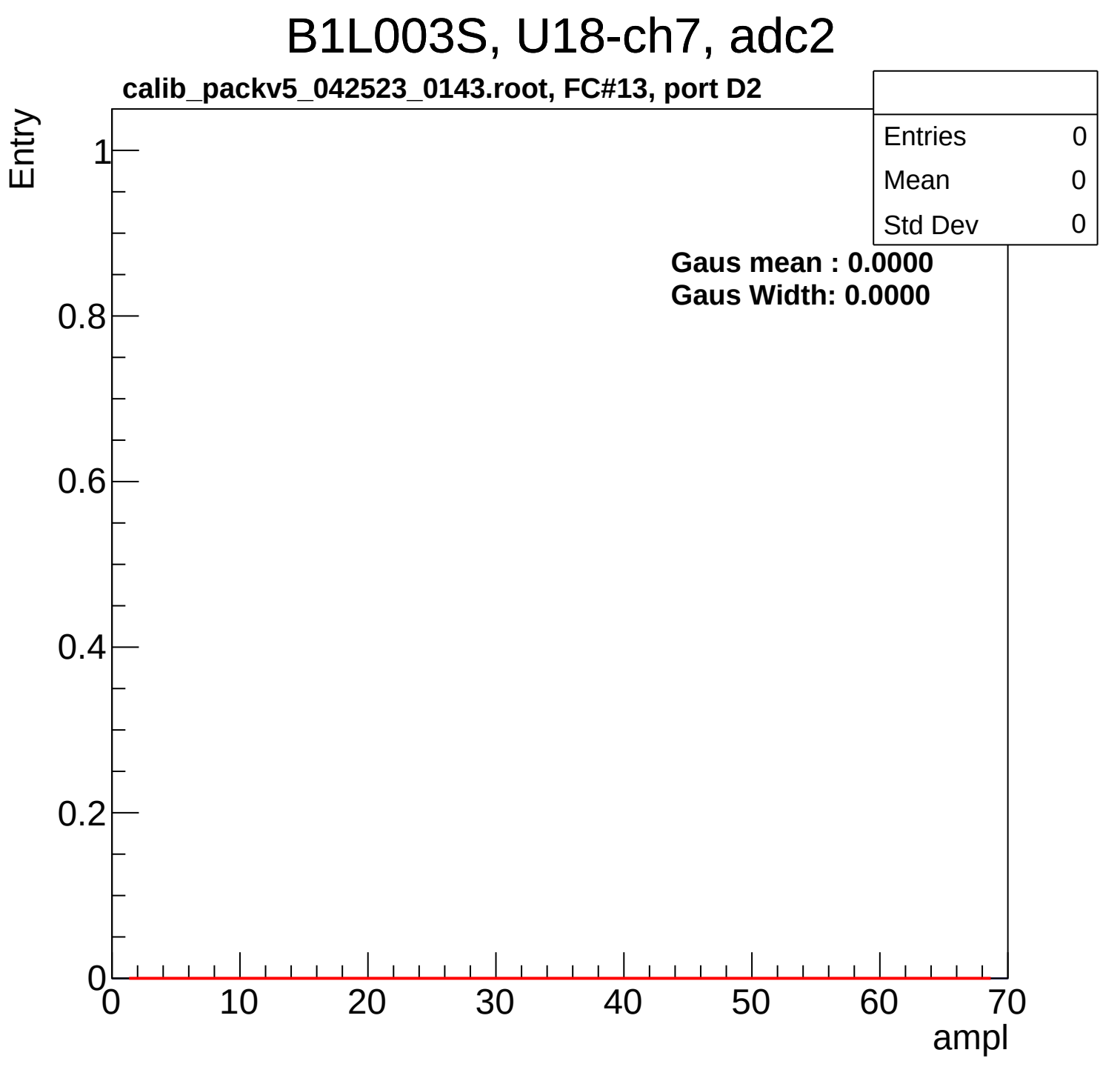

B1L003S, U18-ch6, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

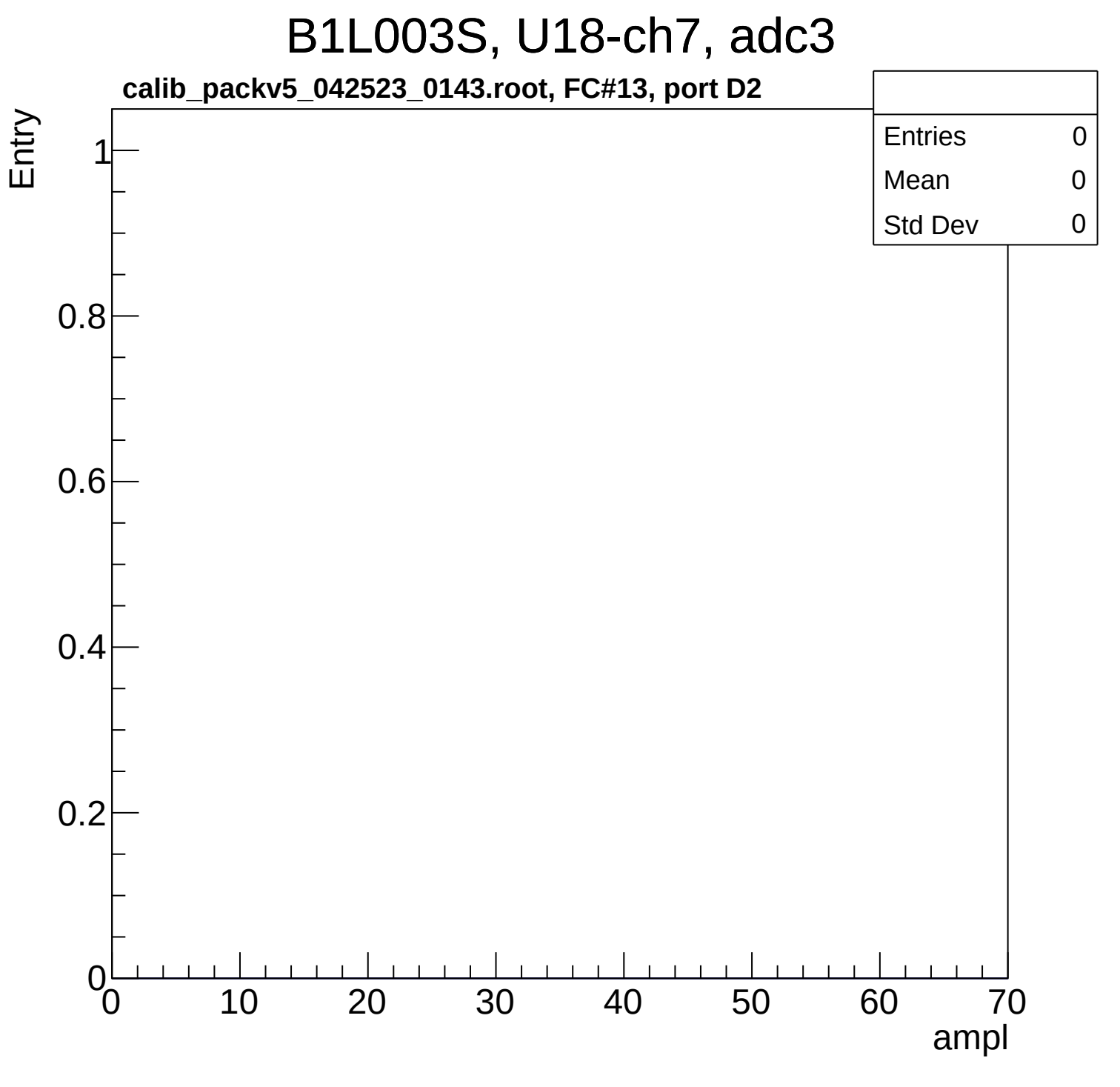

B1L003S, U18-ch6, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

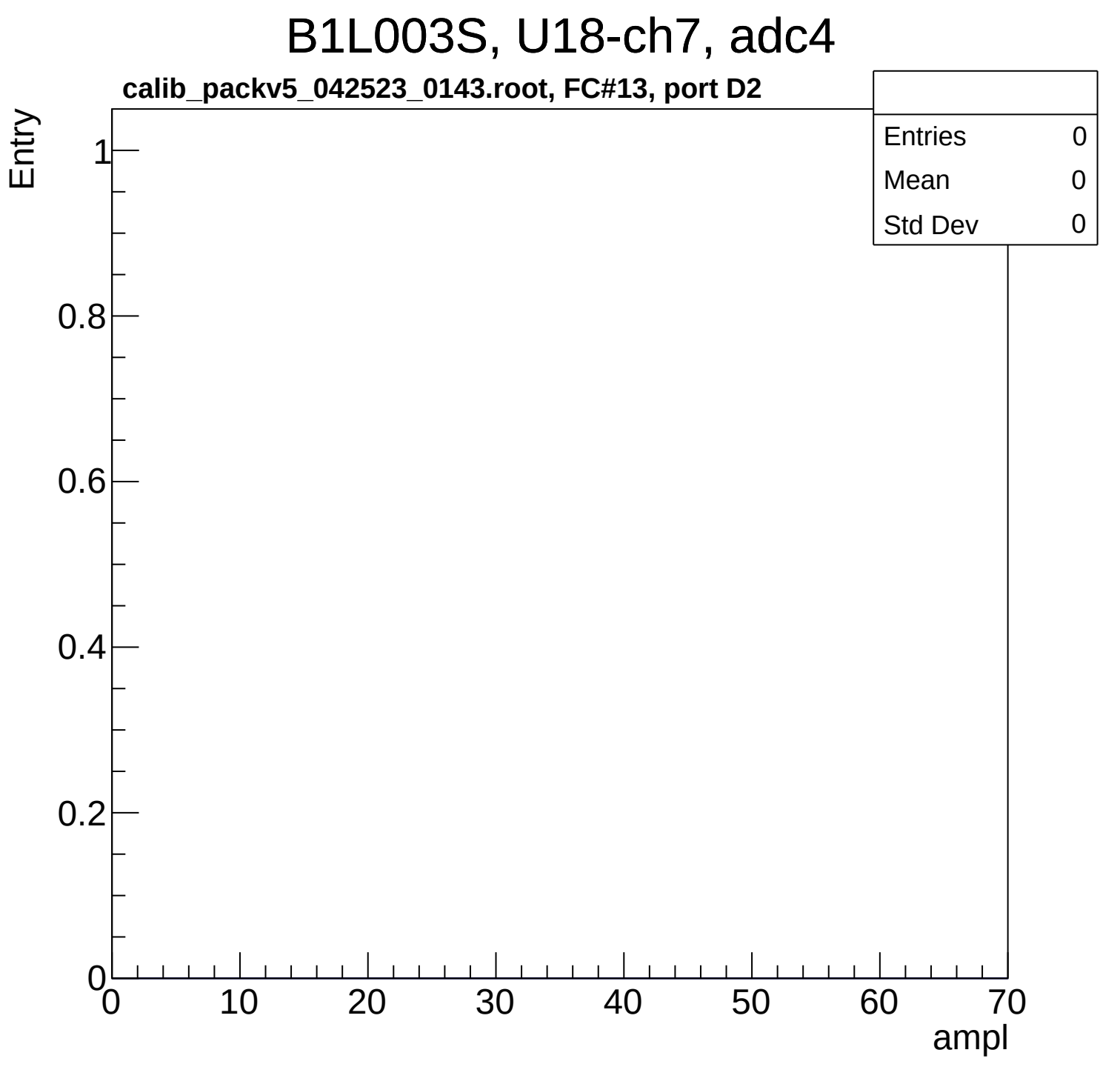

B1L003S, U18-ch6, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

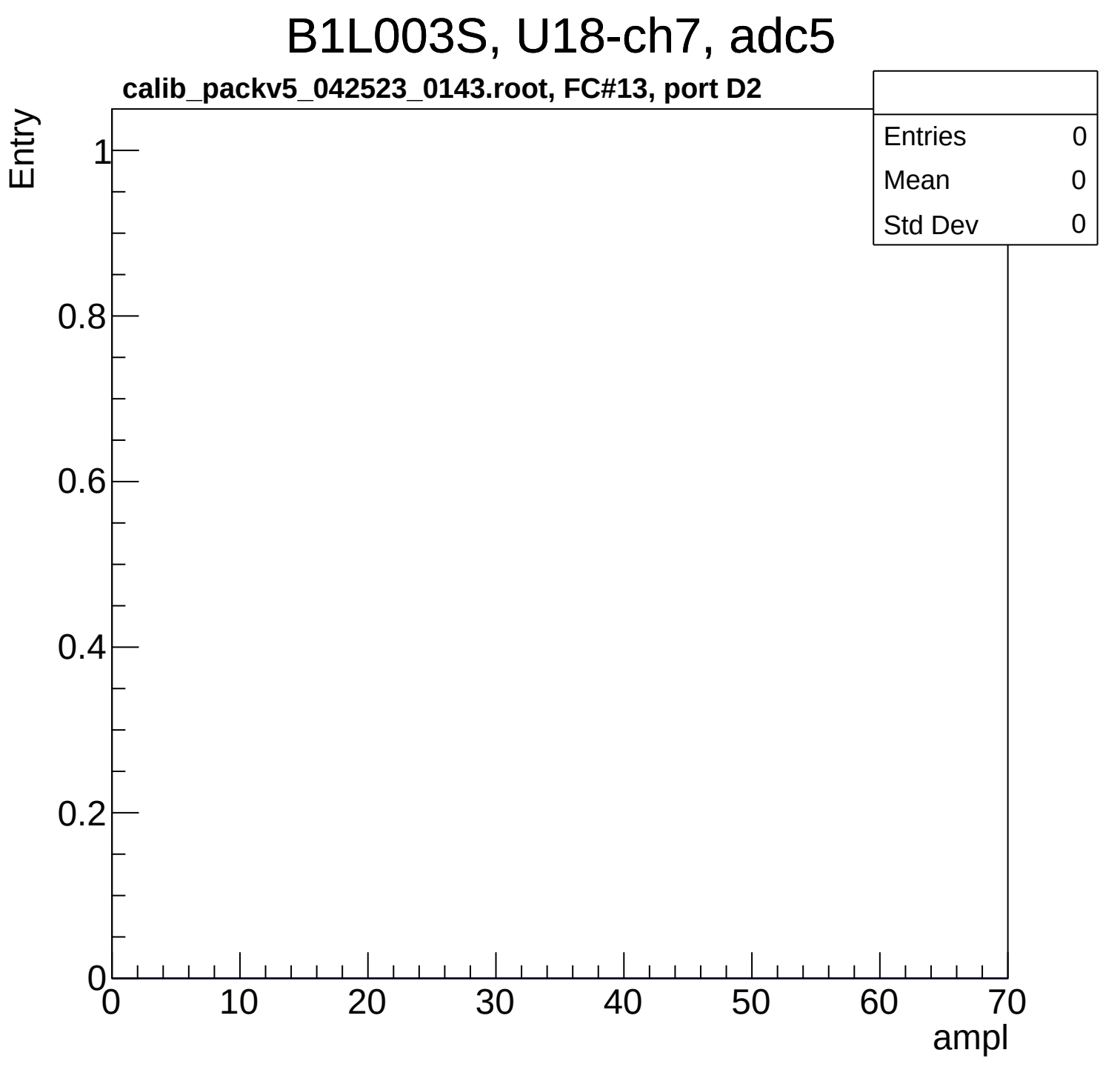

B1L003S, U18-ch7, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

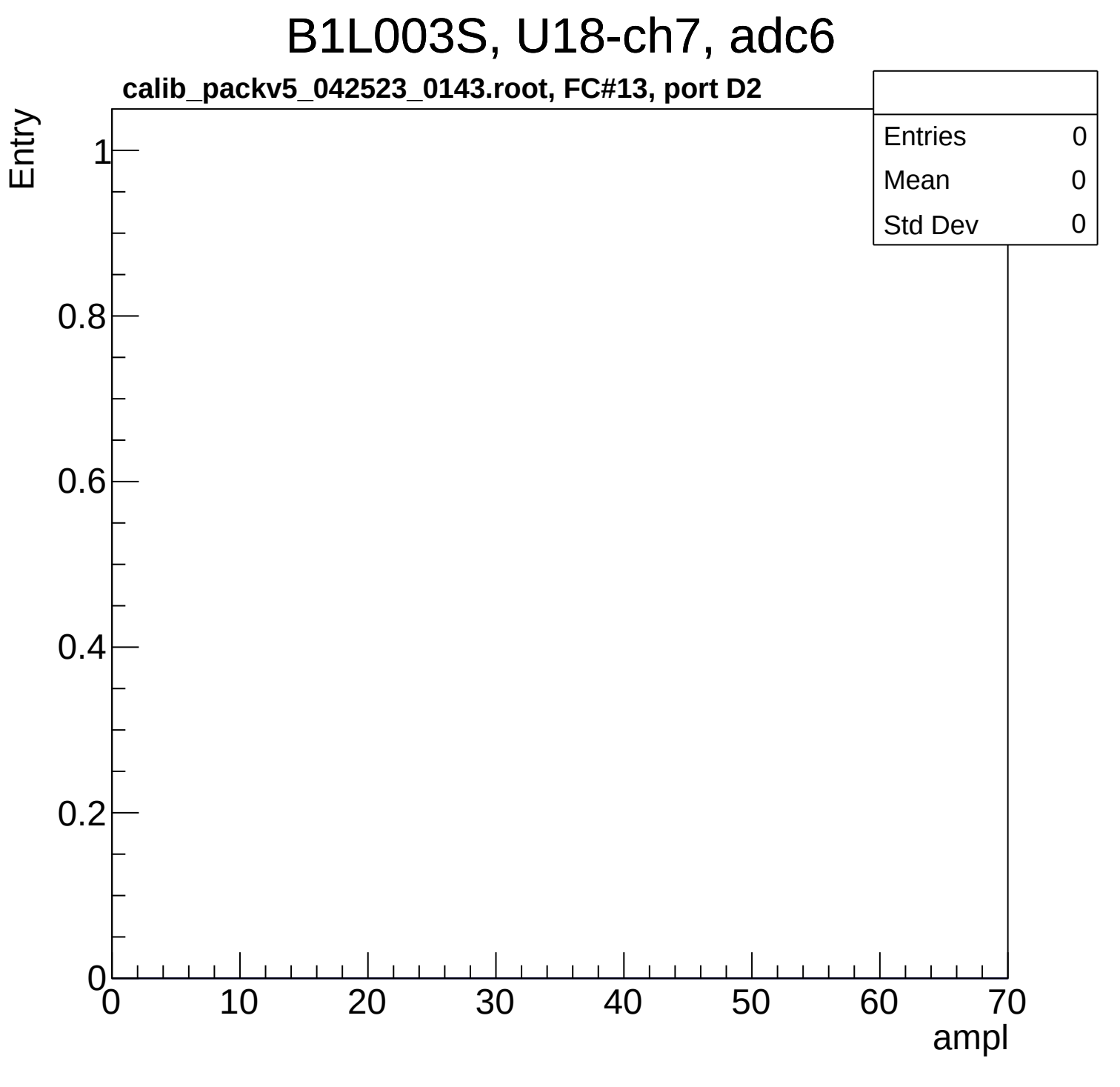

B1L003S, U18-ch7, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

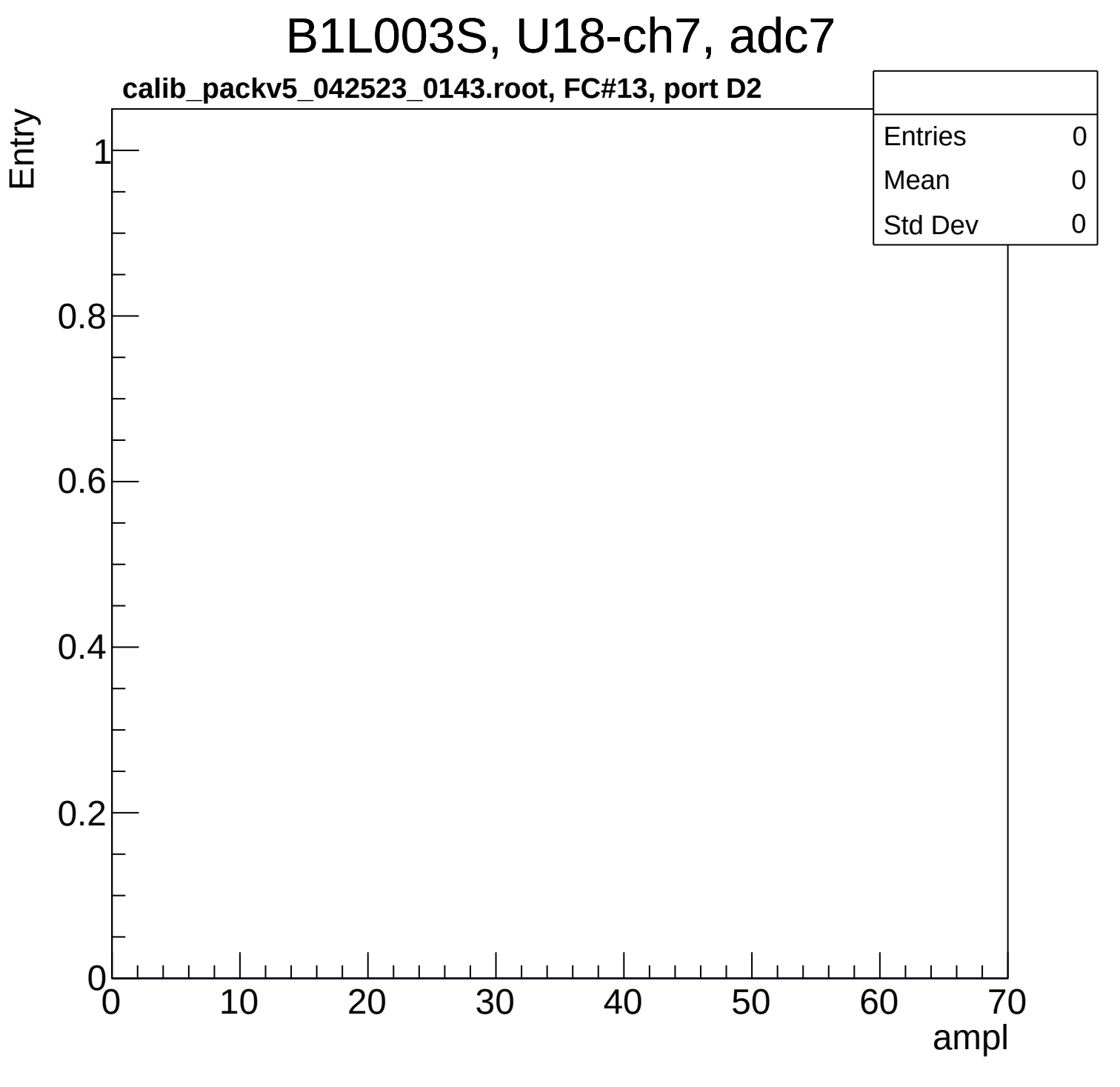

B1L003S, U18-ch7, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

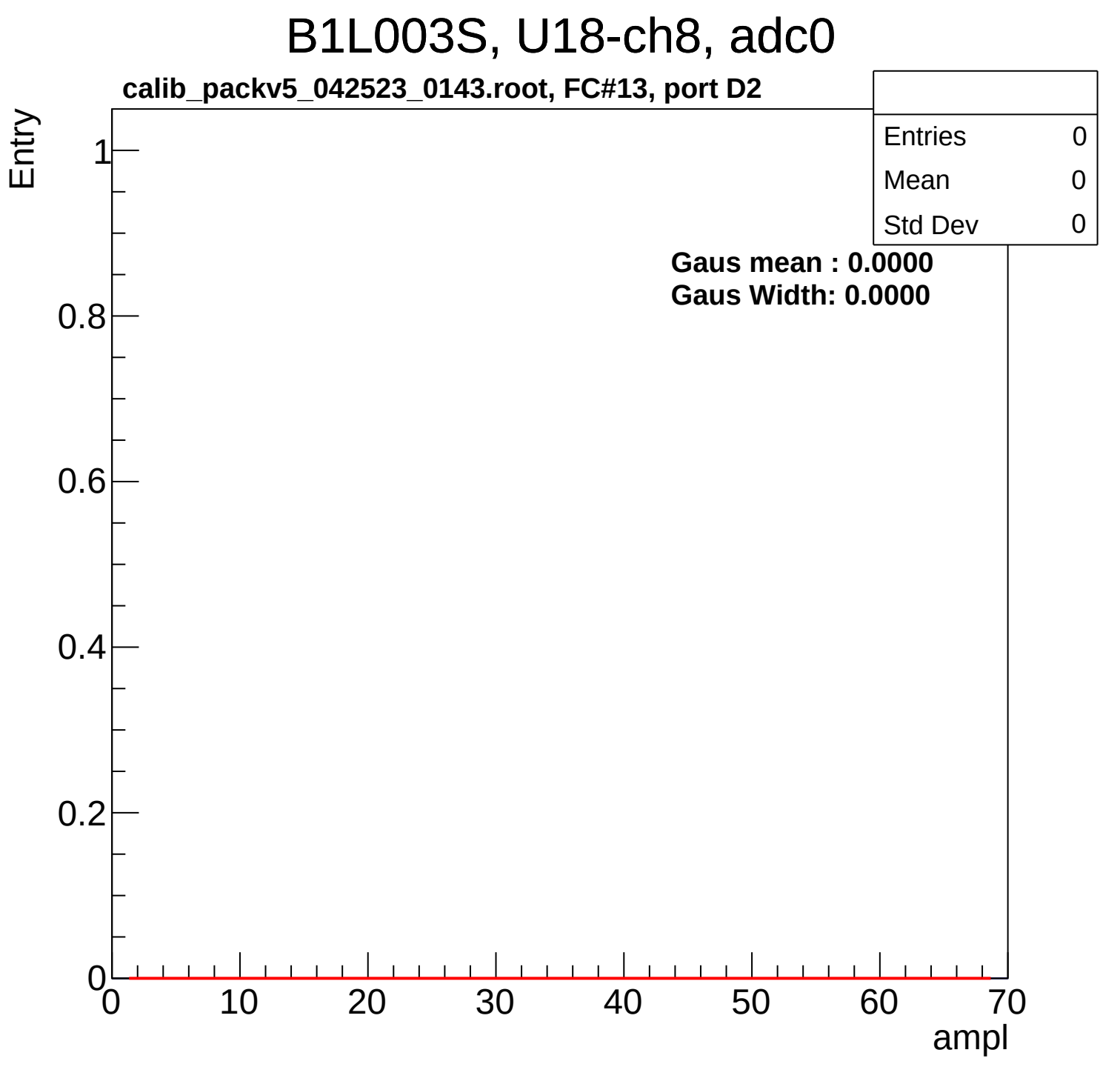

B1L003S, U18-ch7, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

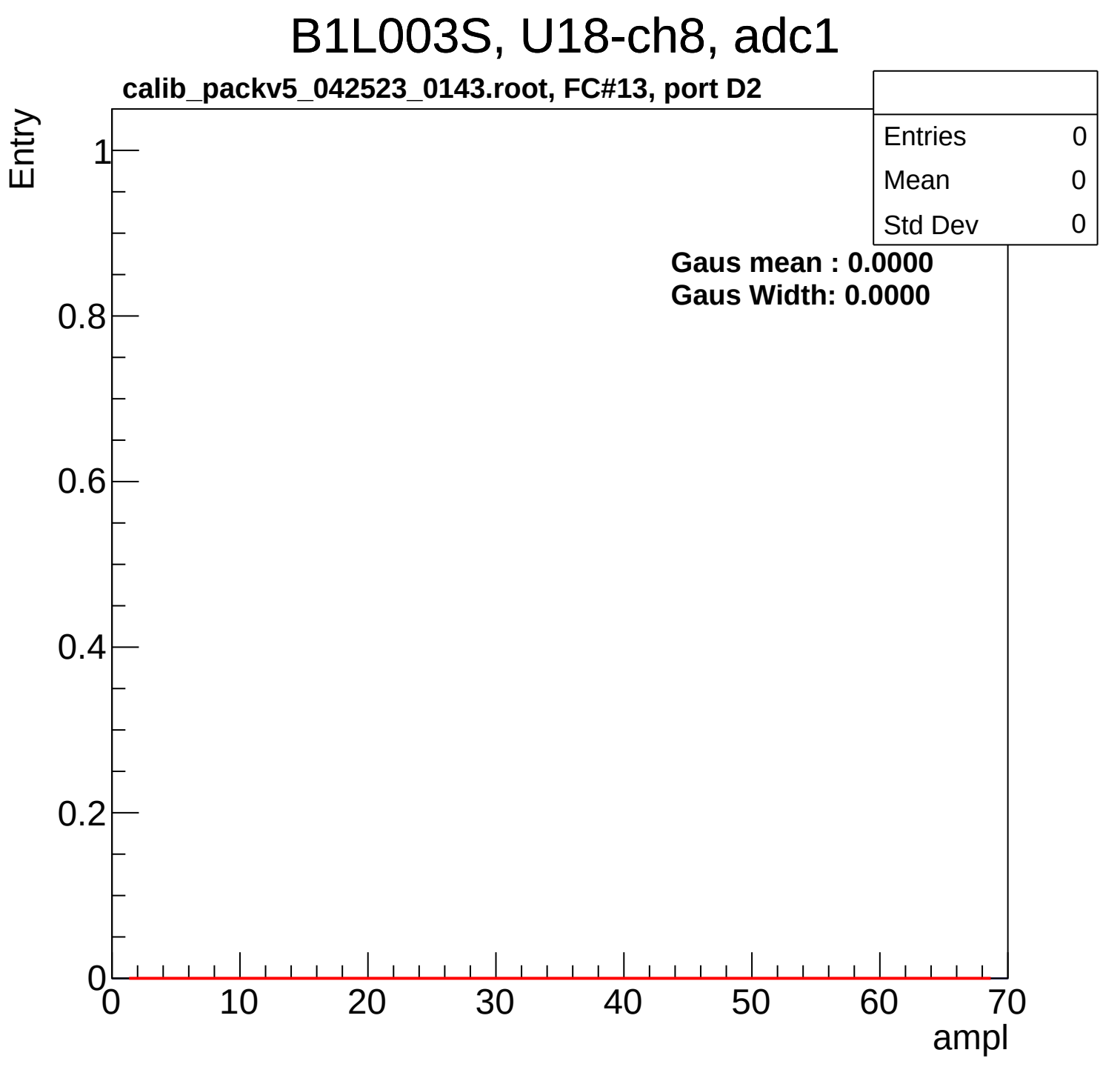

B1L003S, U18-ch7, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

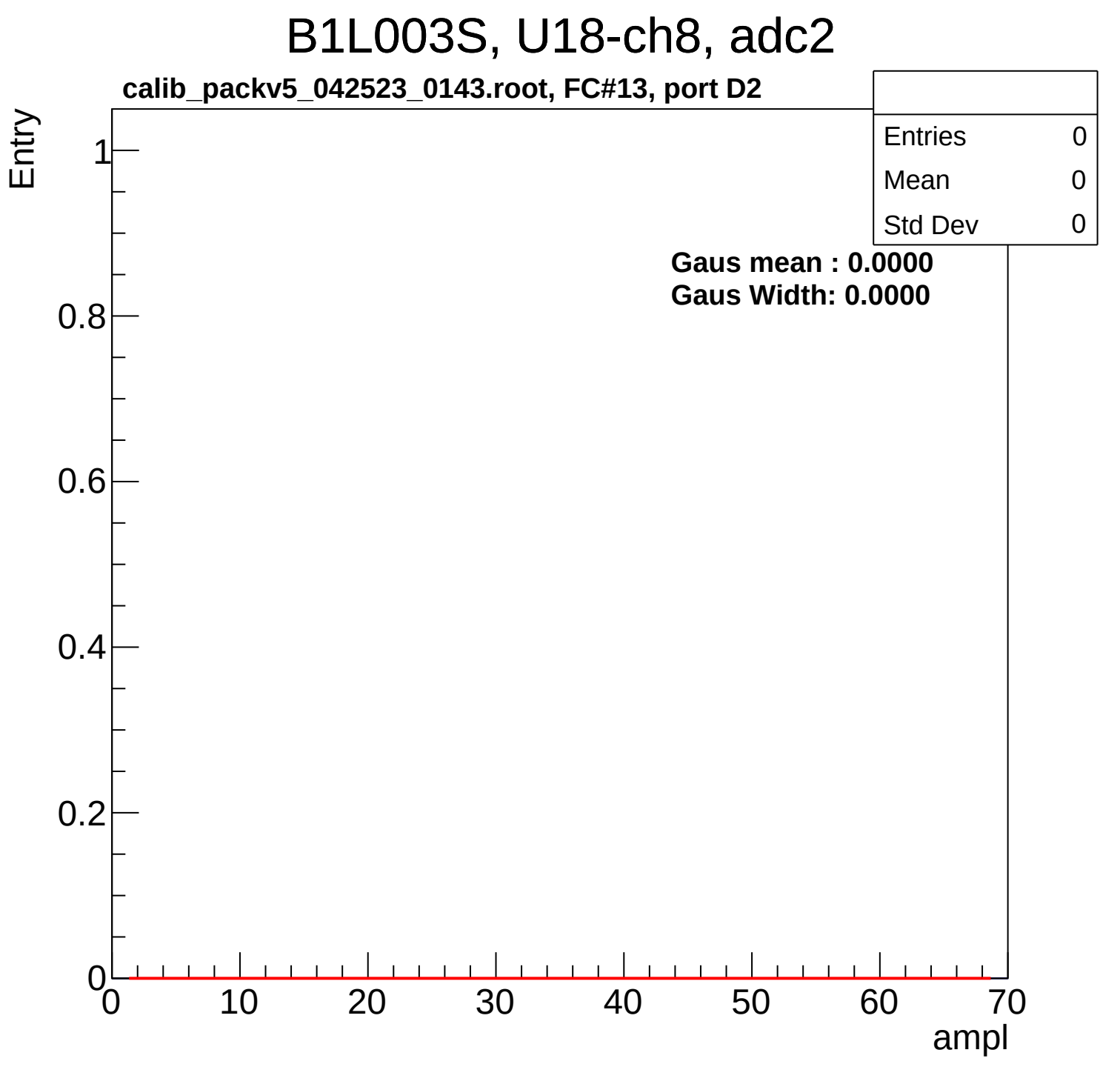

B1L003S, U18-ch7, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

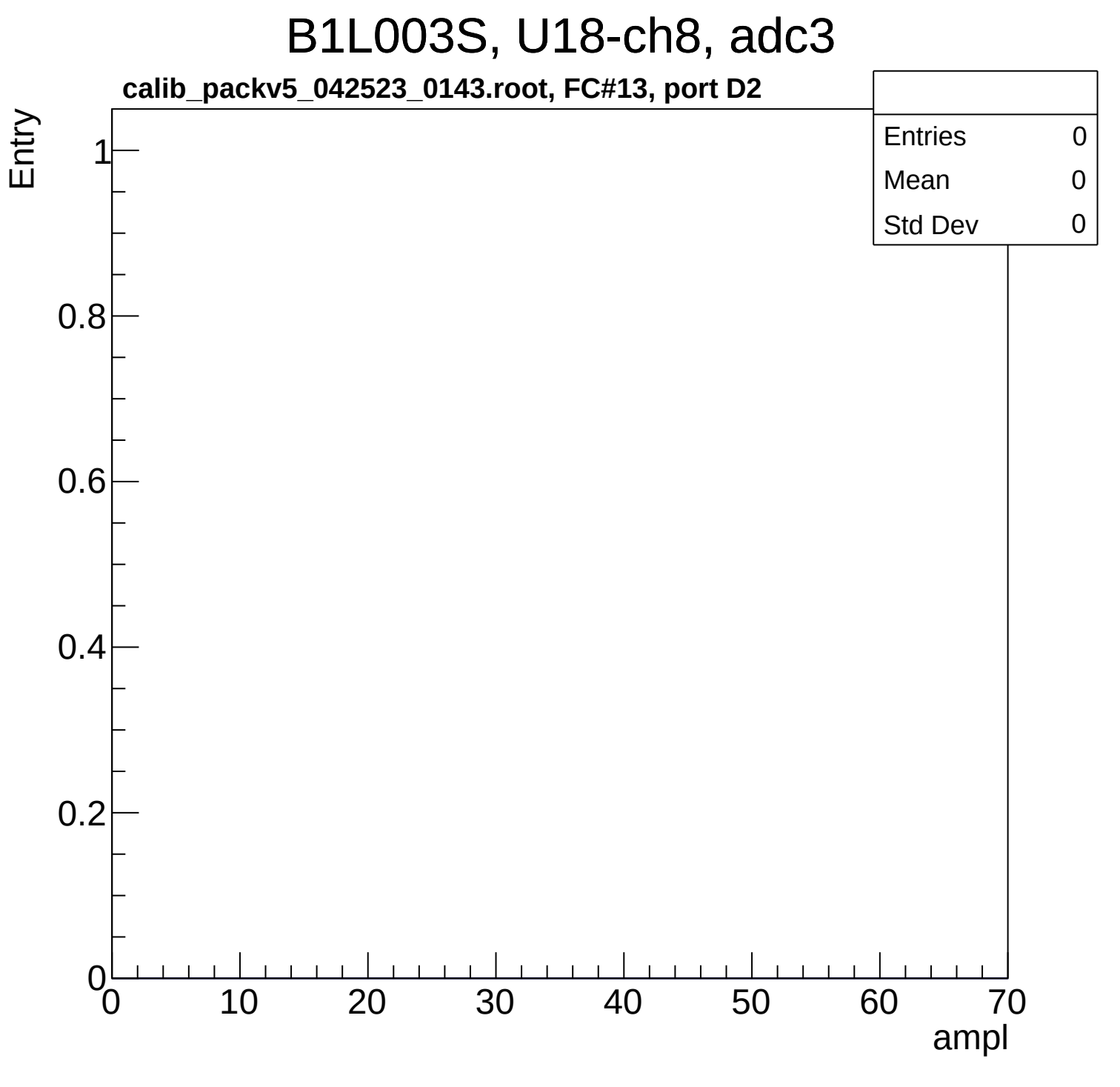

B1L003S, U18-ch7, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

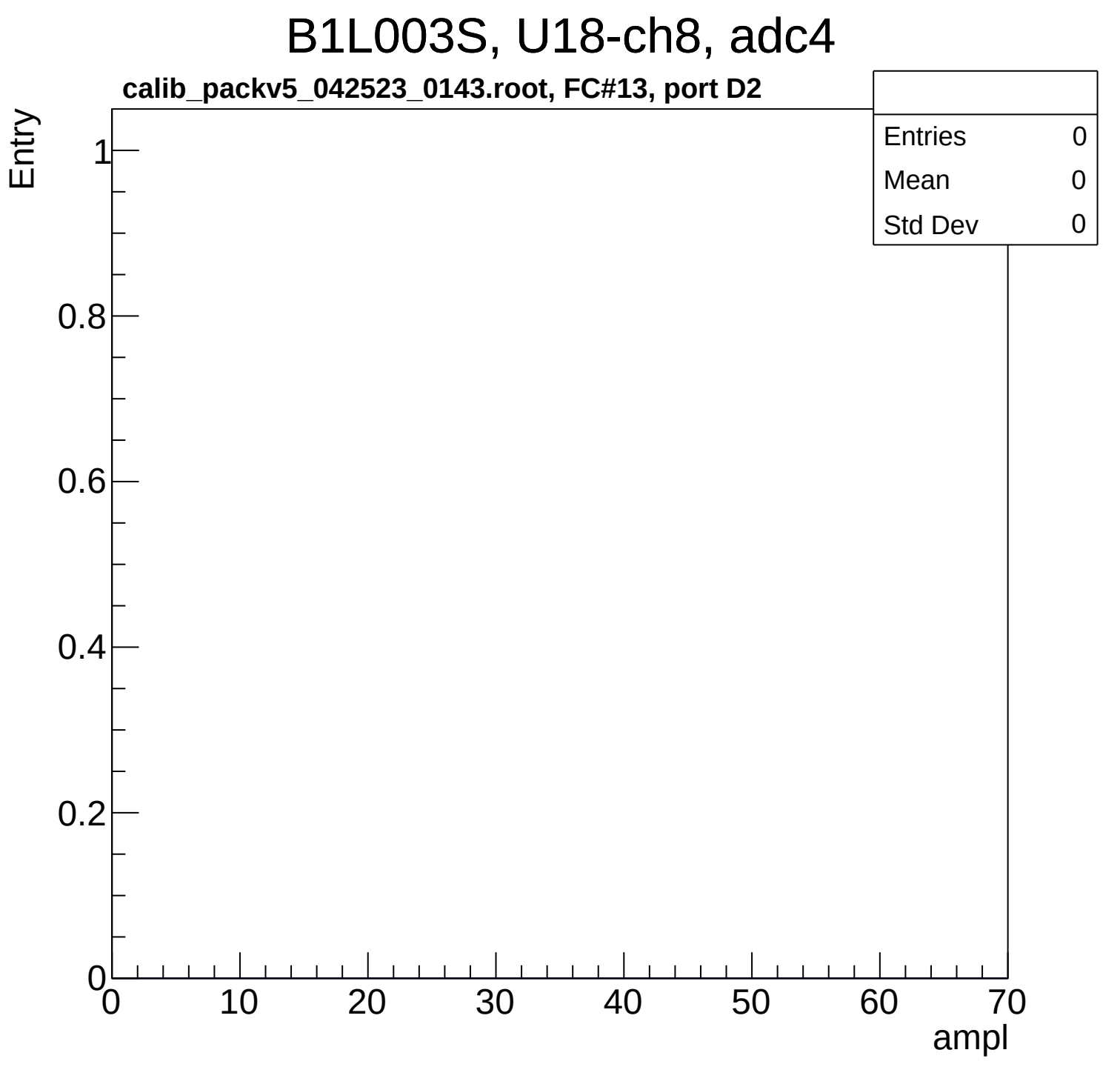

B1L003S, U18-ch7, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

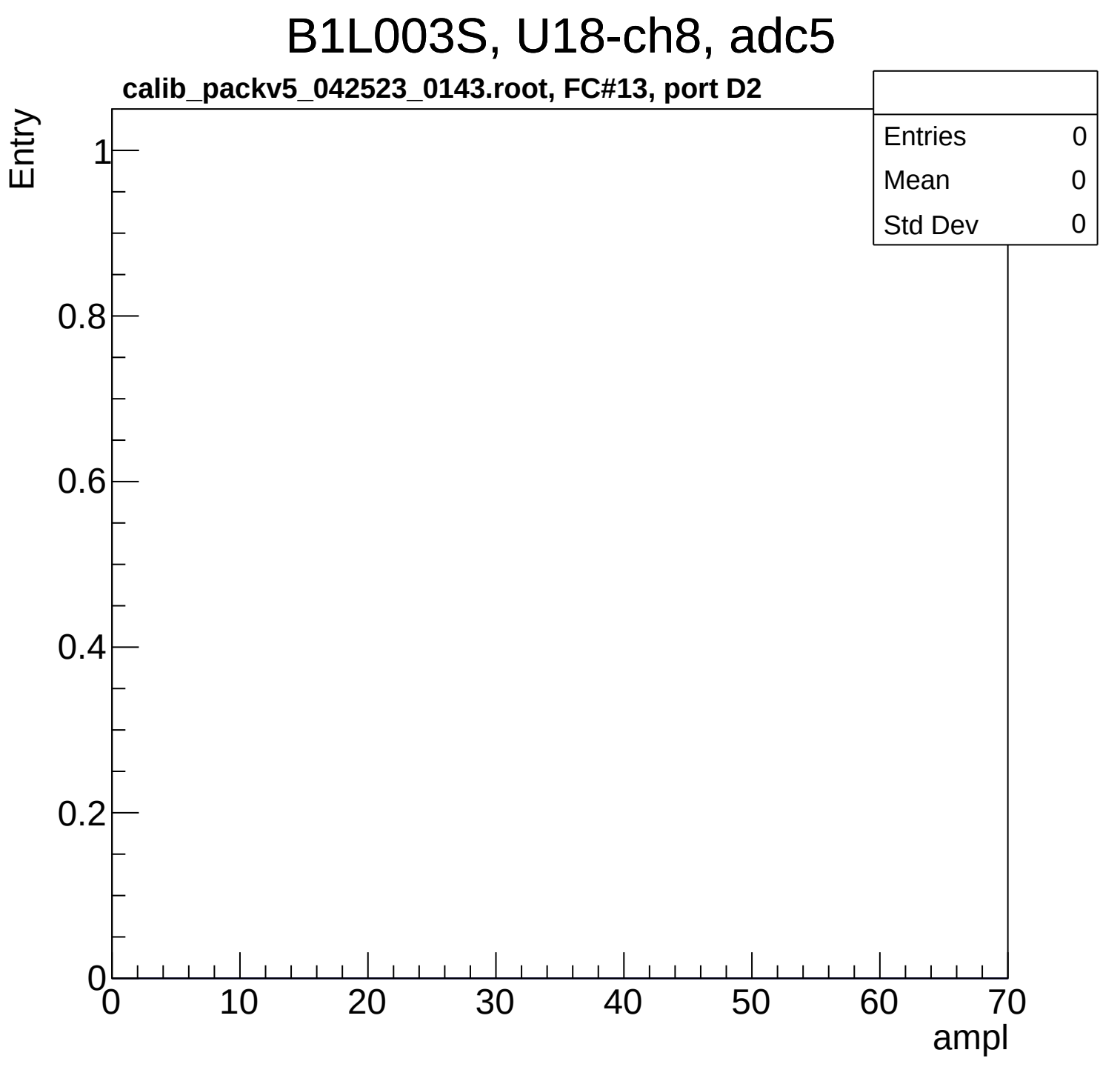

B1L003S, U18-ch8, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

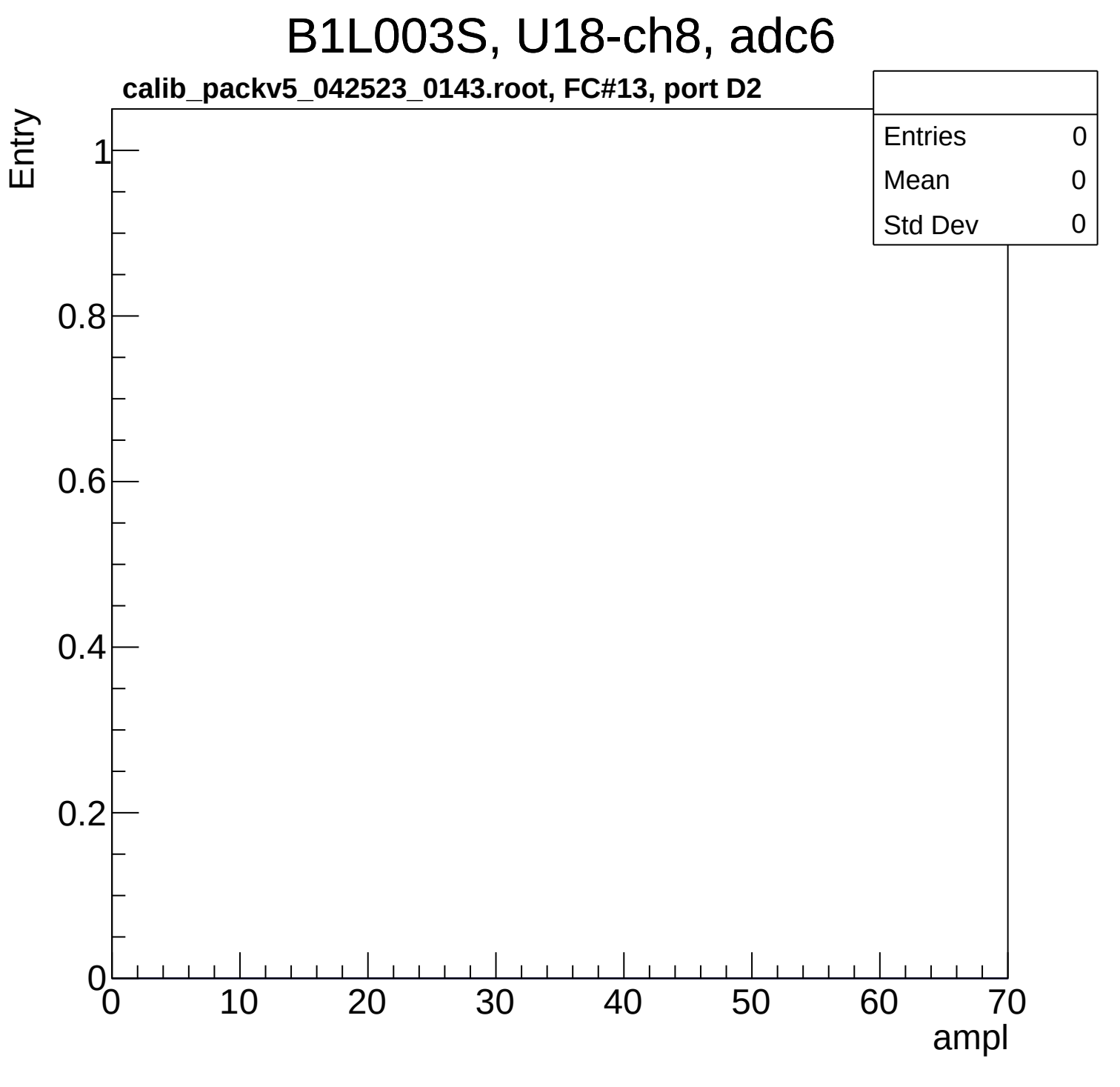

B1L003S, U18-ch8, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

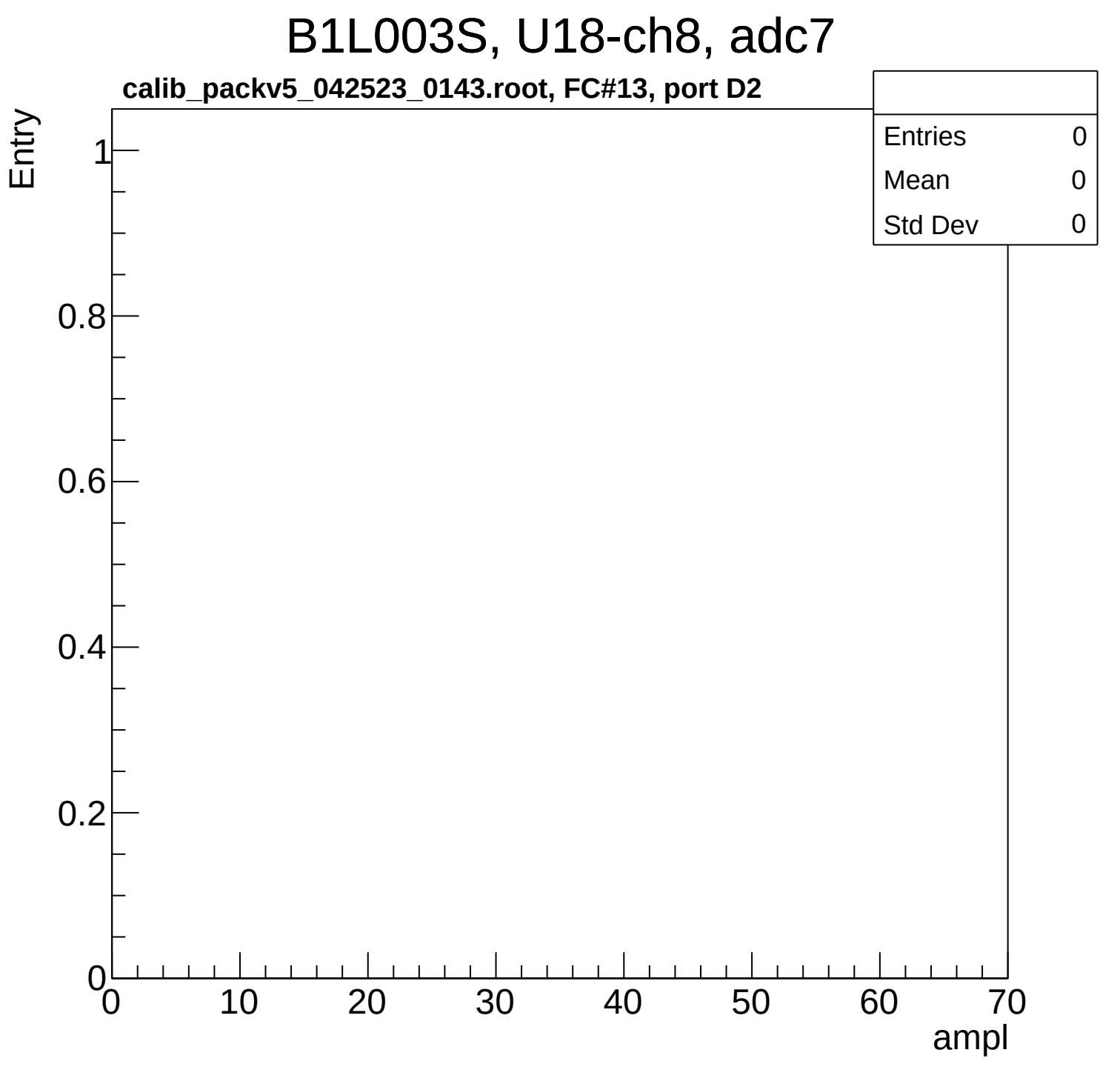

B1L003S, U18-ch8, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

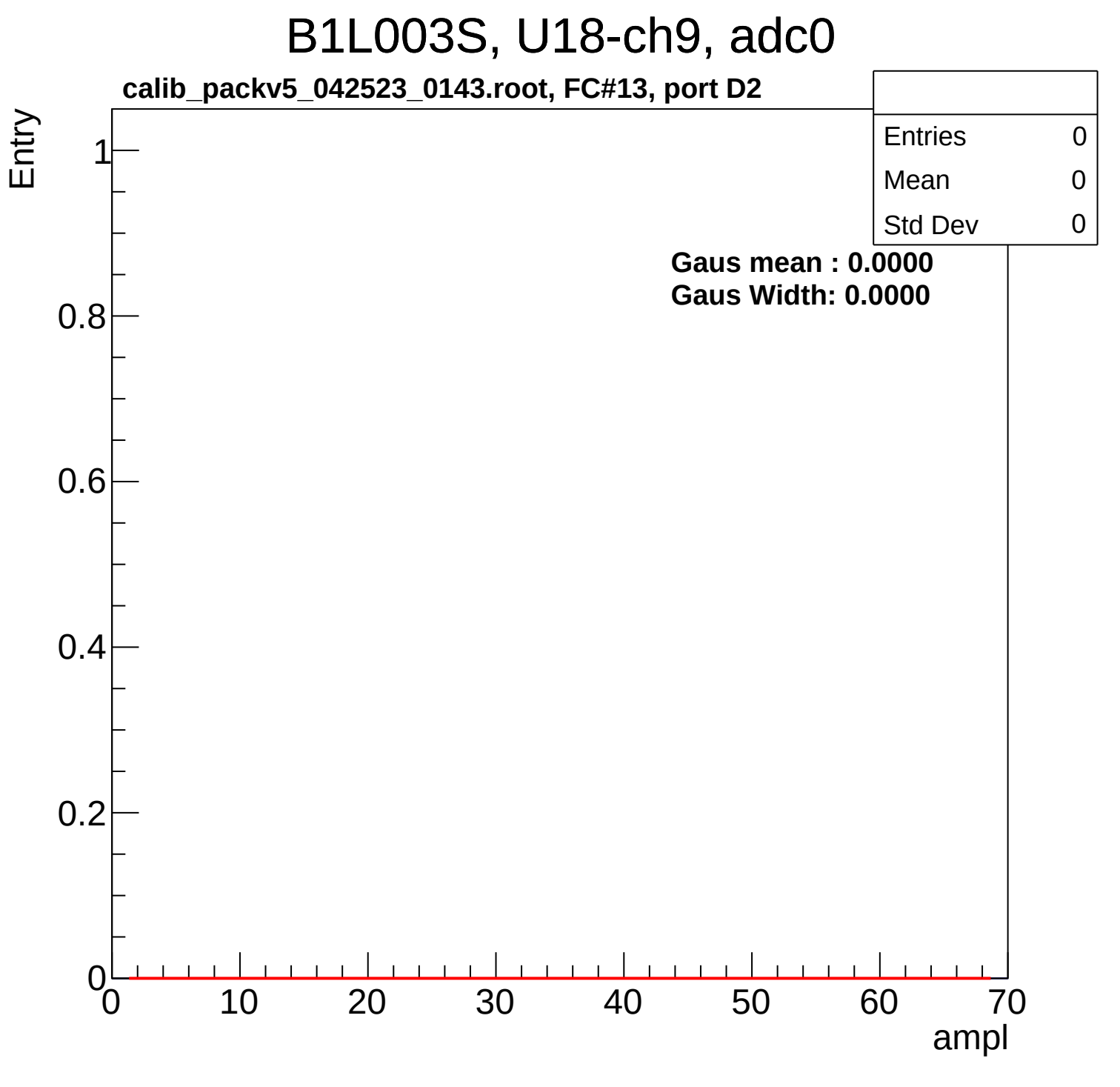

B1L003S, U18-ch8, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

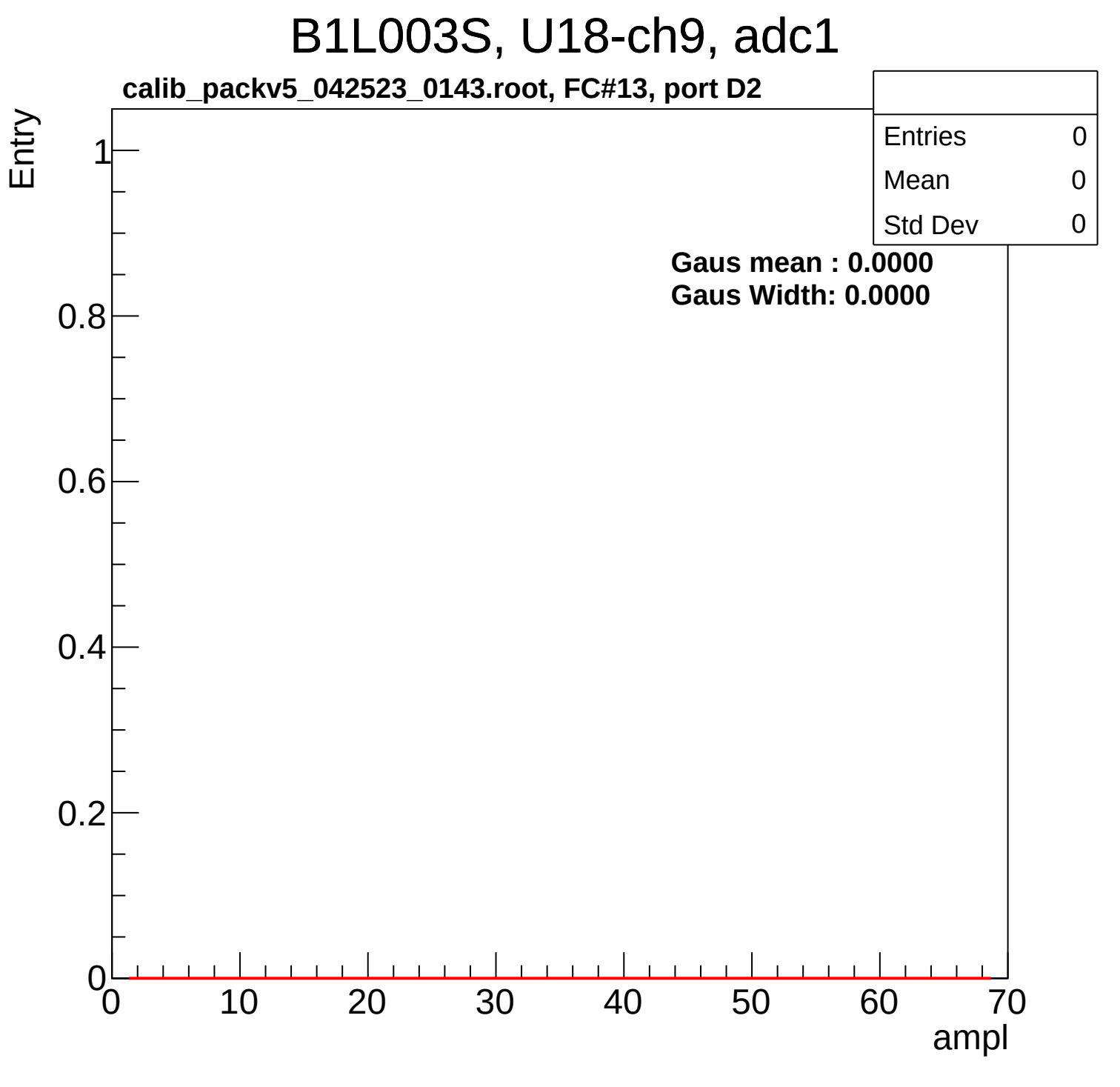

B1L003S, U18-ch8, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

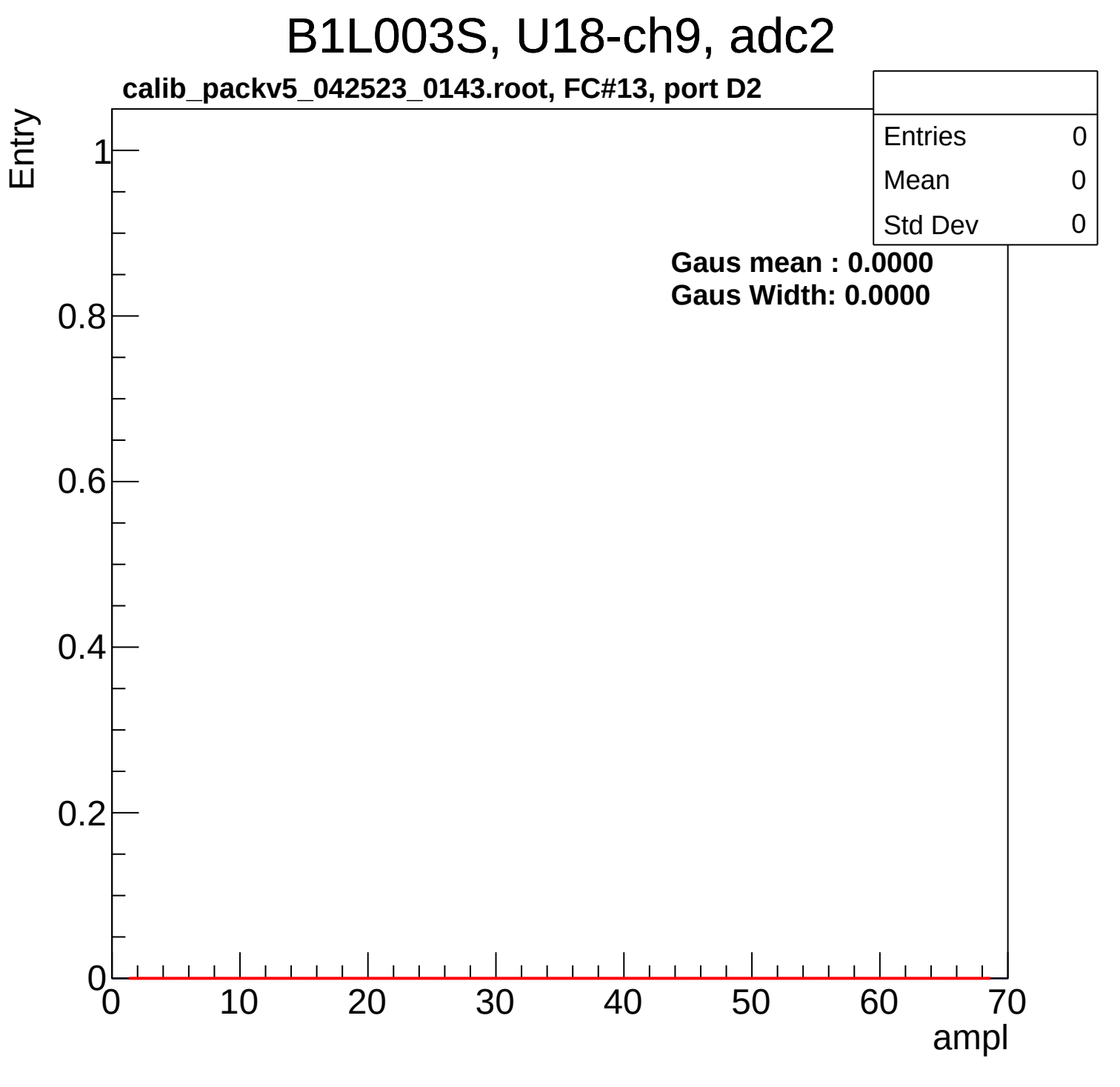

B1L003S, U18-ch8, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

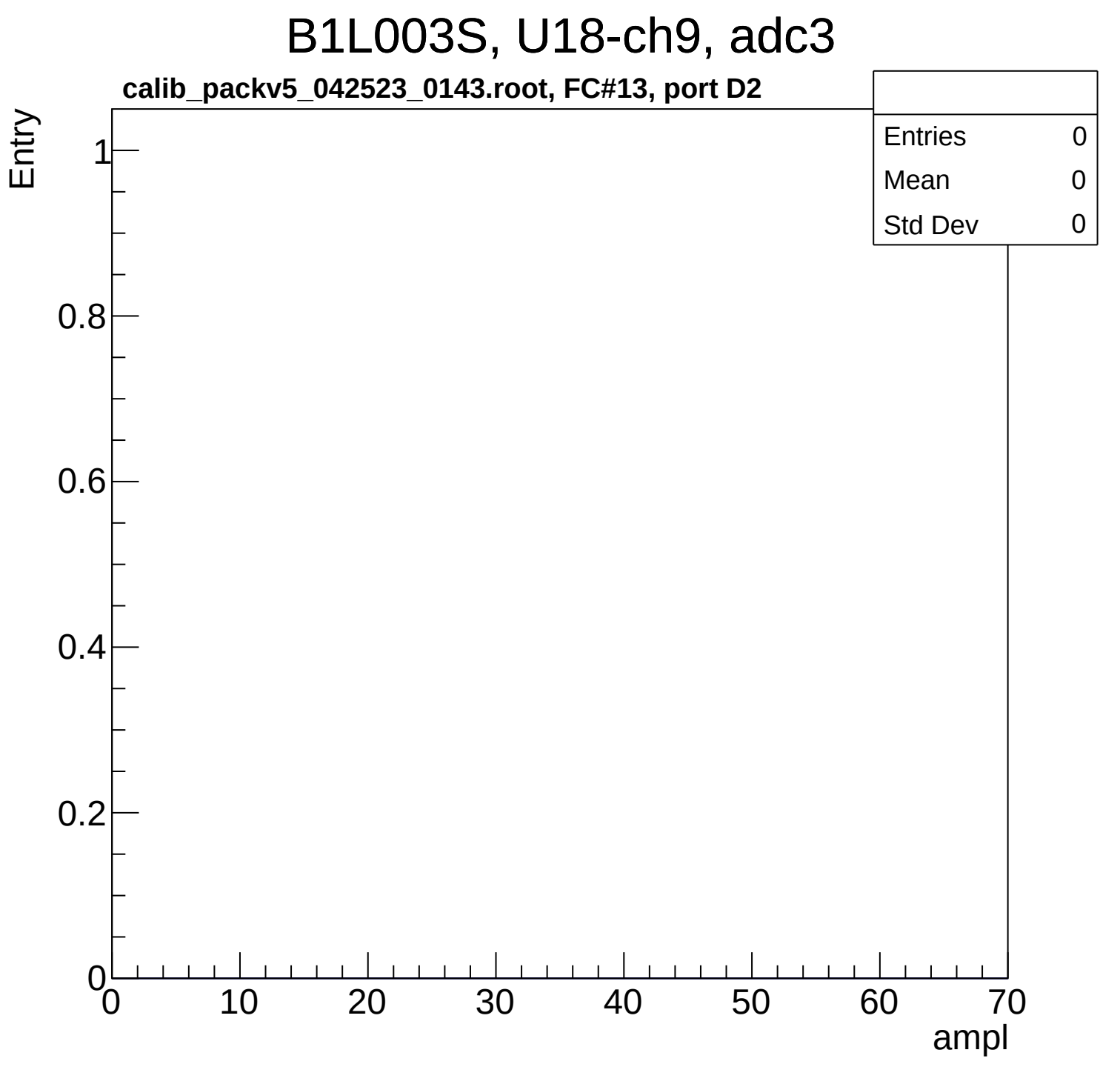

B1L003S, U18-ch8, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

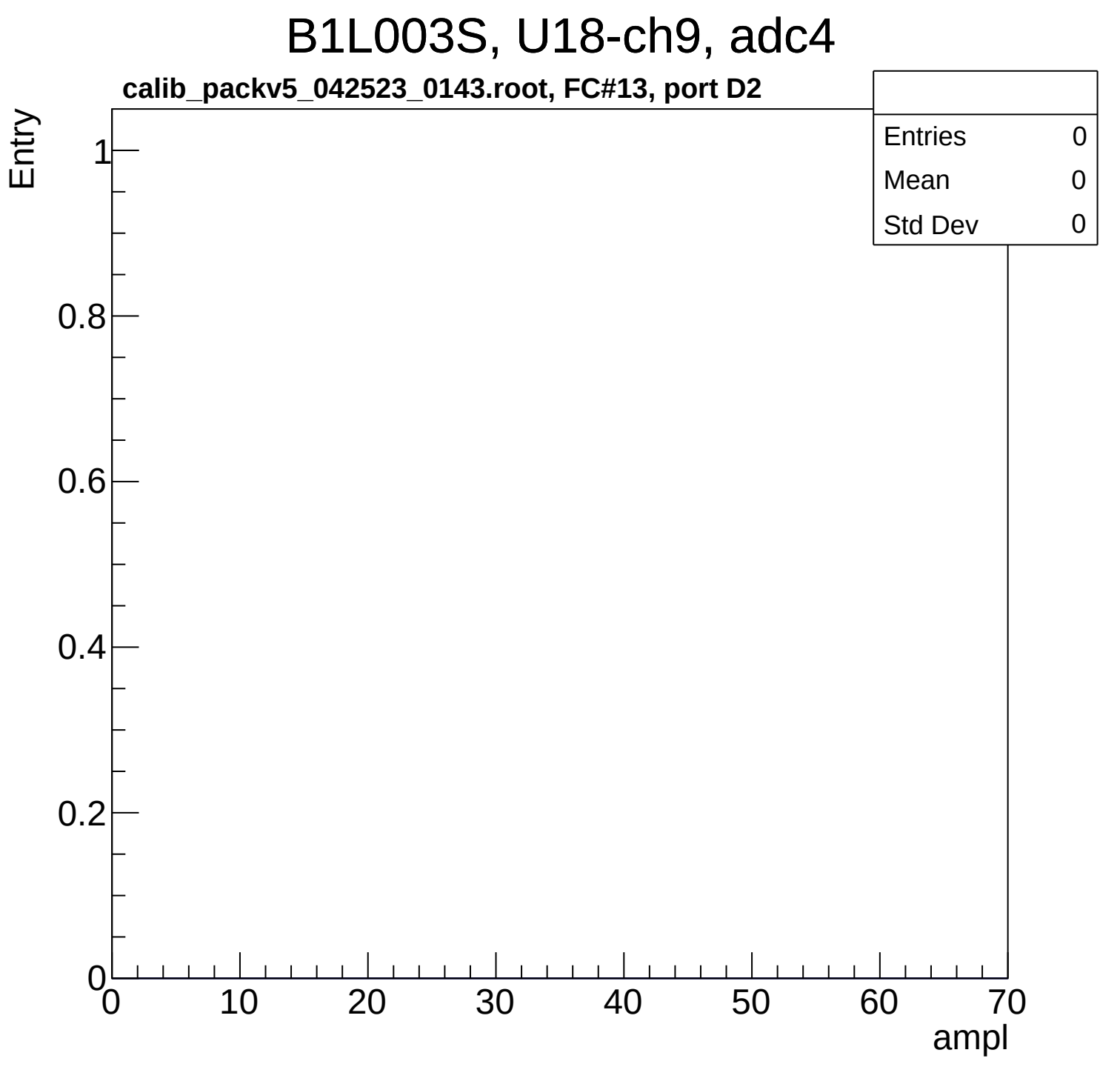

B1L003S, U18-ch8, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

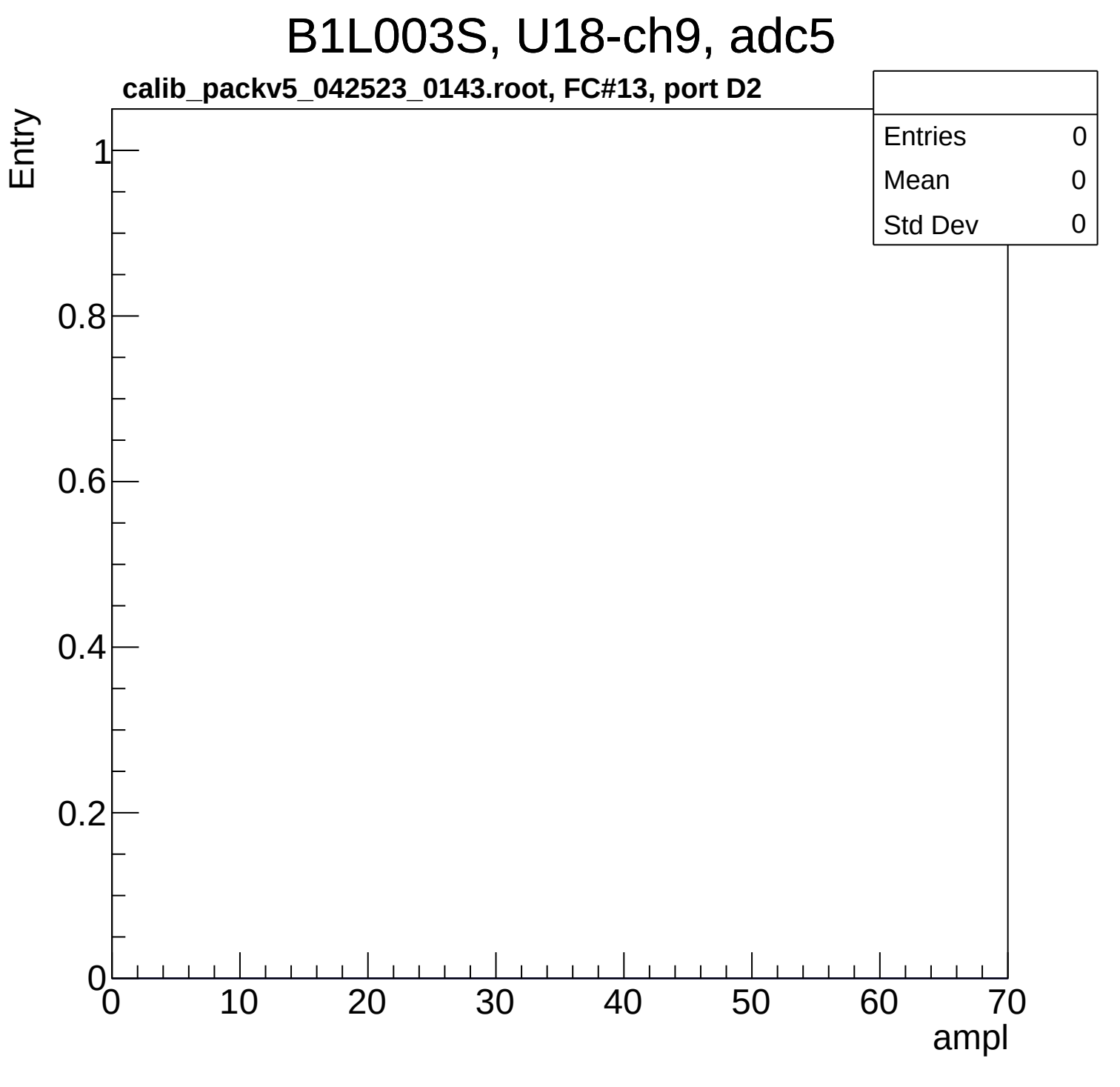

B1L003S, U18-ch9, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

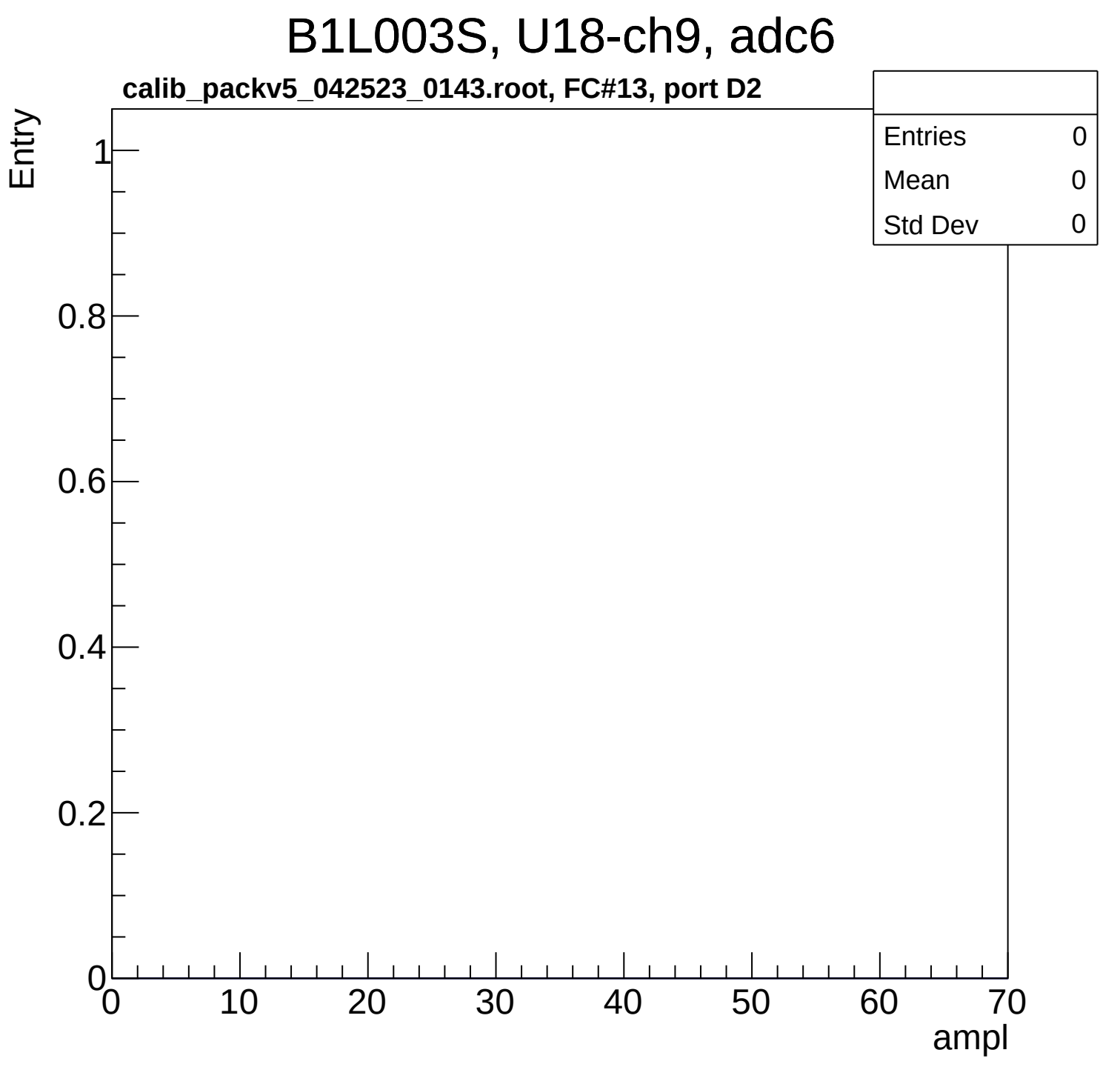

B1L003S, U18-ch9, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

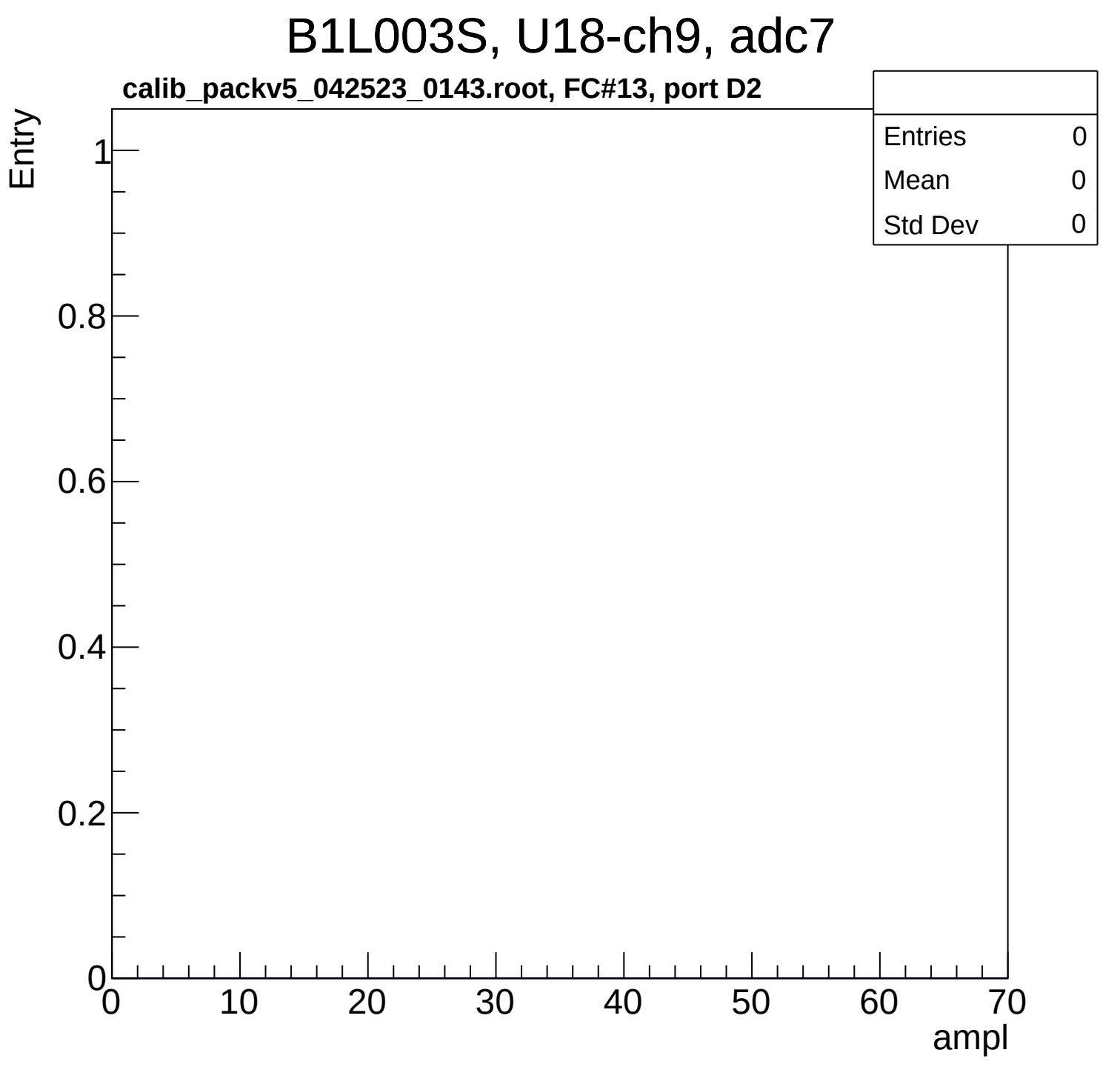

B1L003S, U18-ch9, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

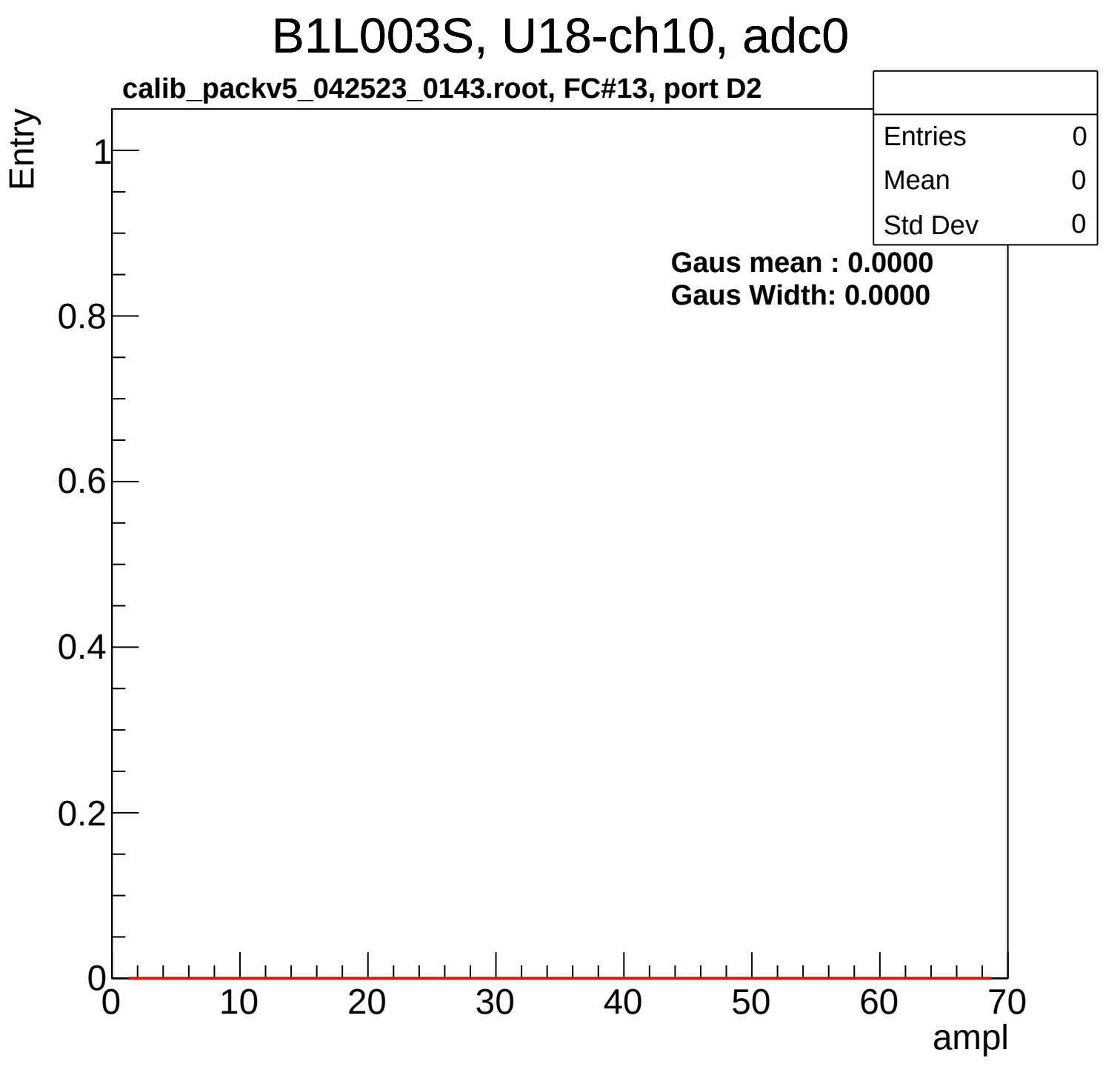

B1L003S, U18-ch9, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

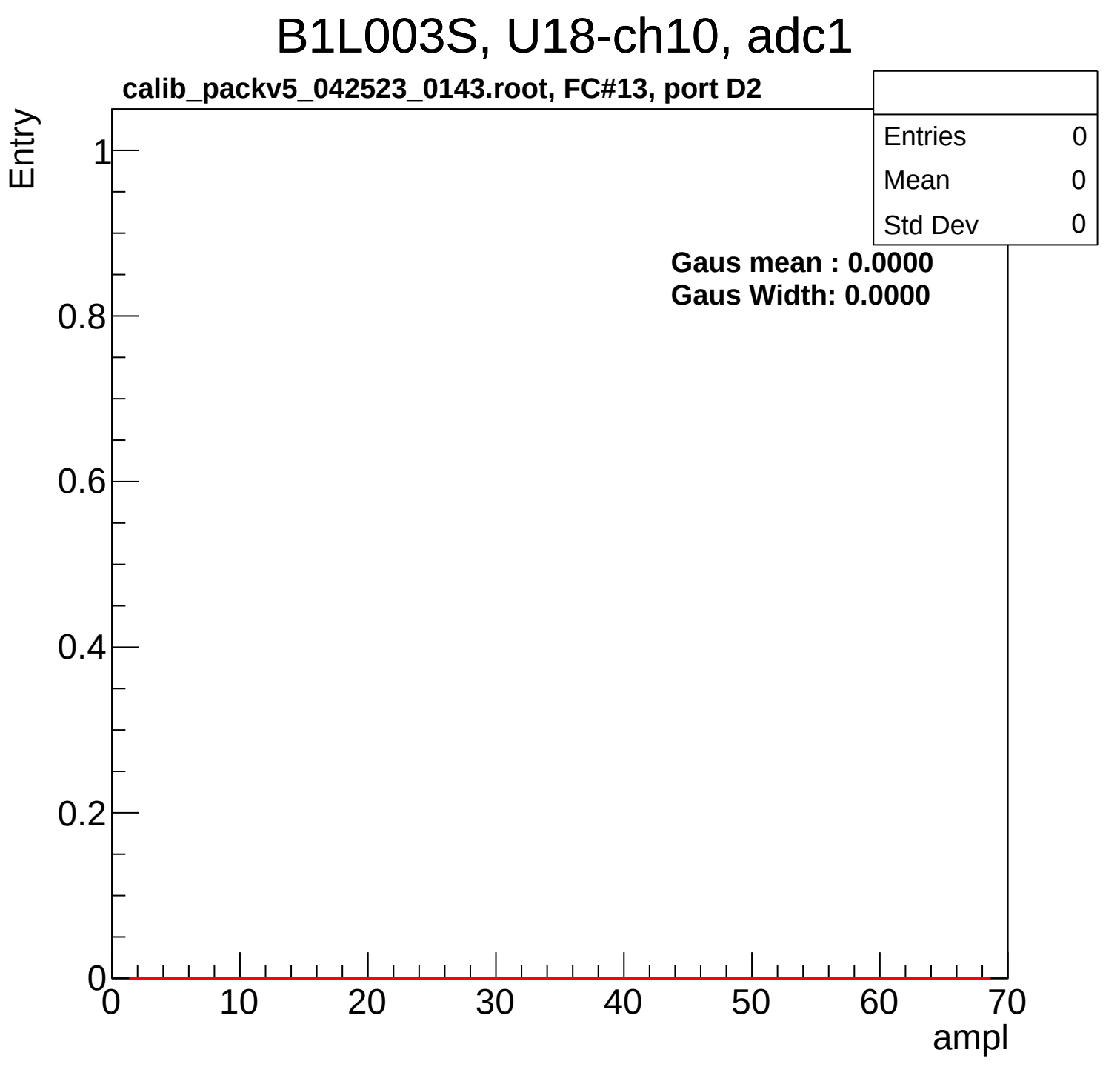

B1L003S, U18-ch9, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

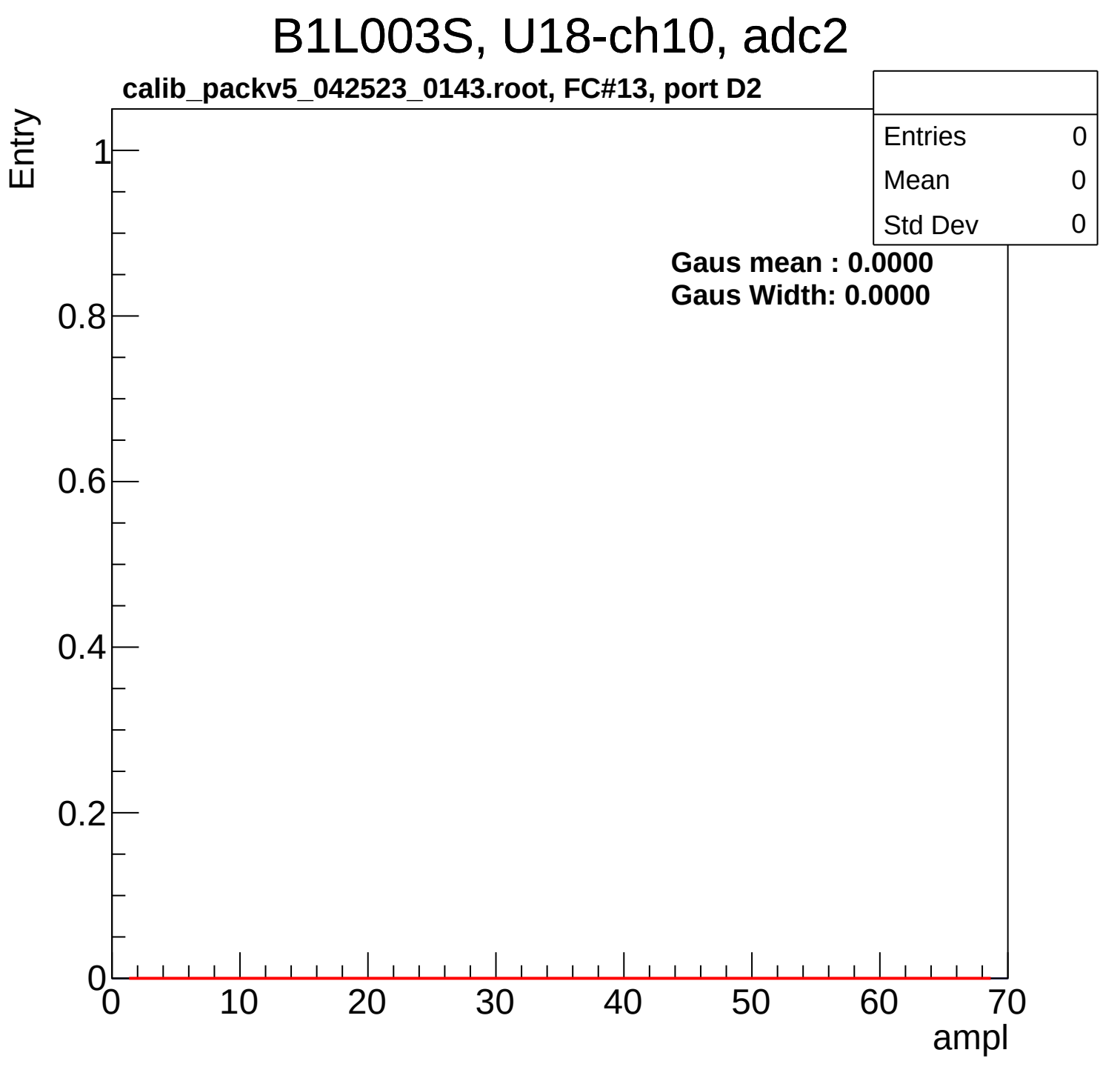

B1L003S, U18-ch9, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

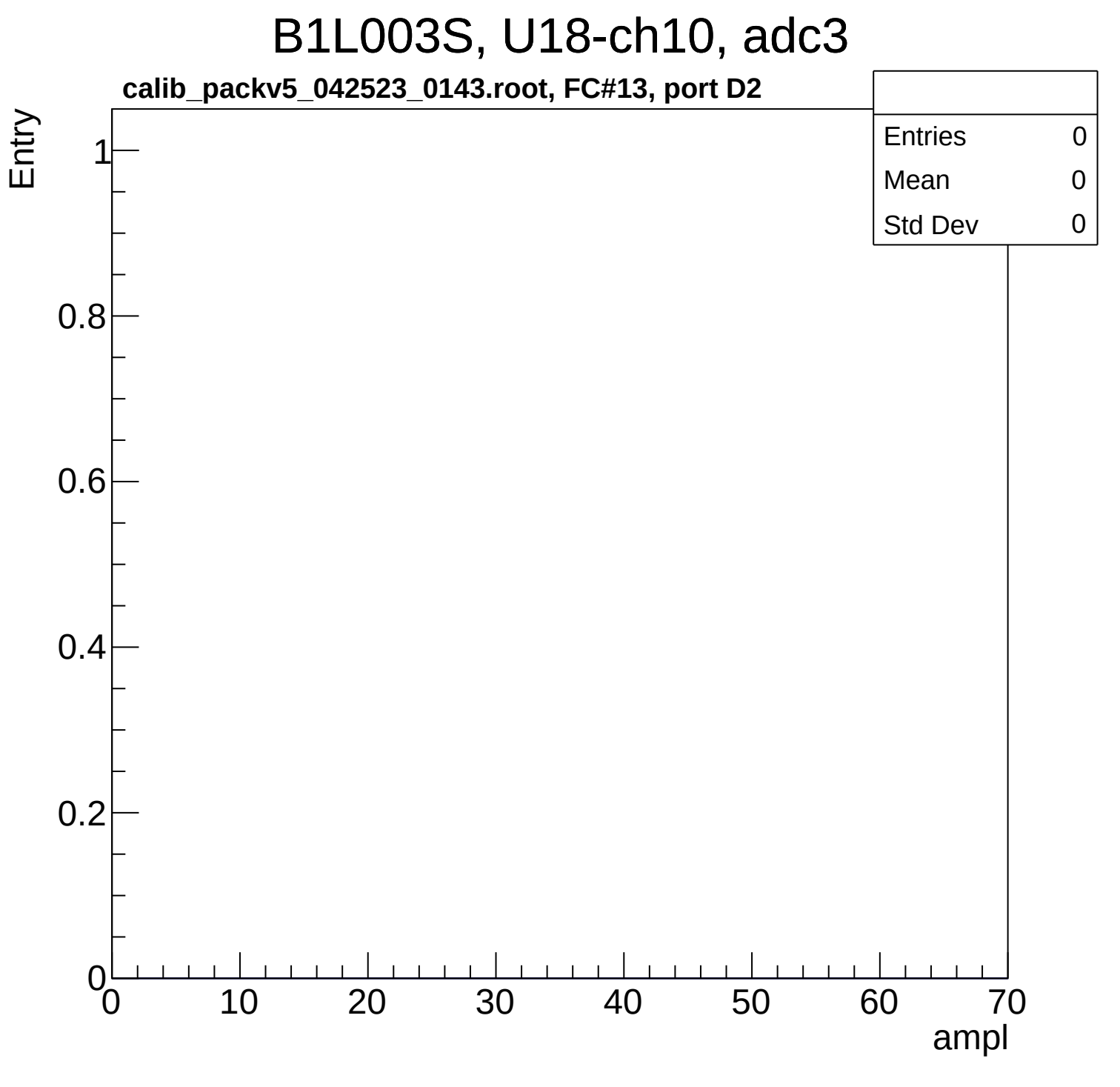

B1L003S, U18-ch9, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

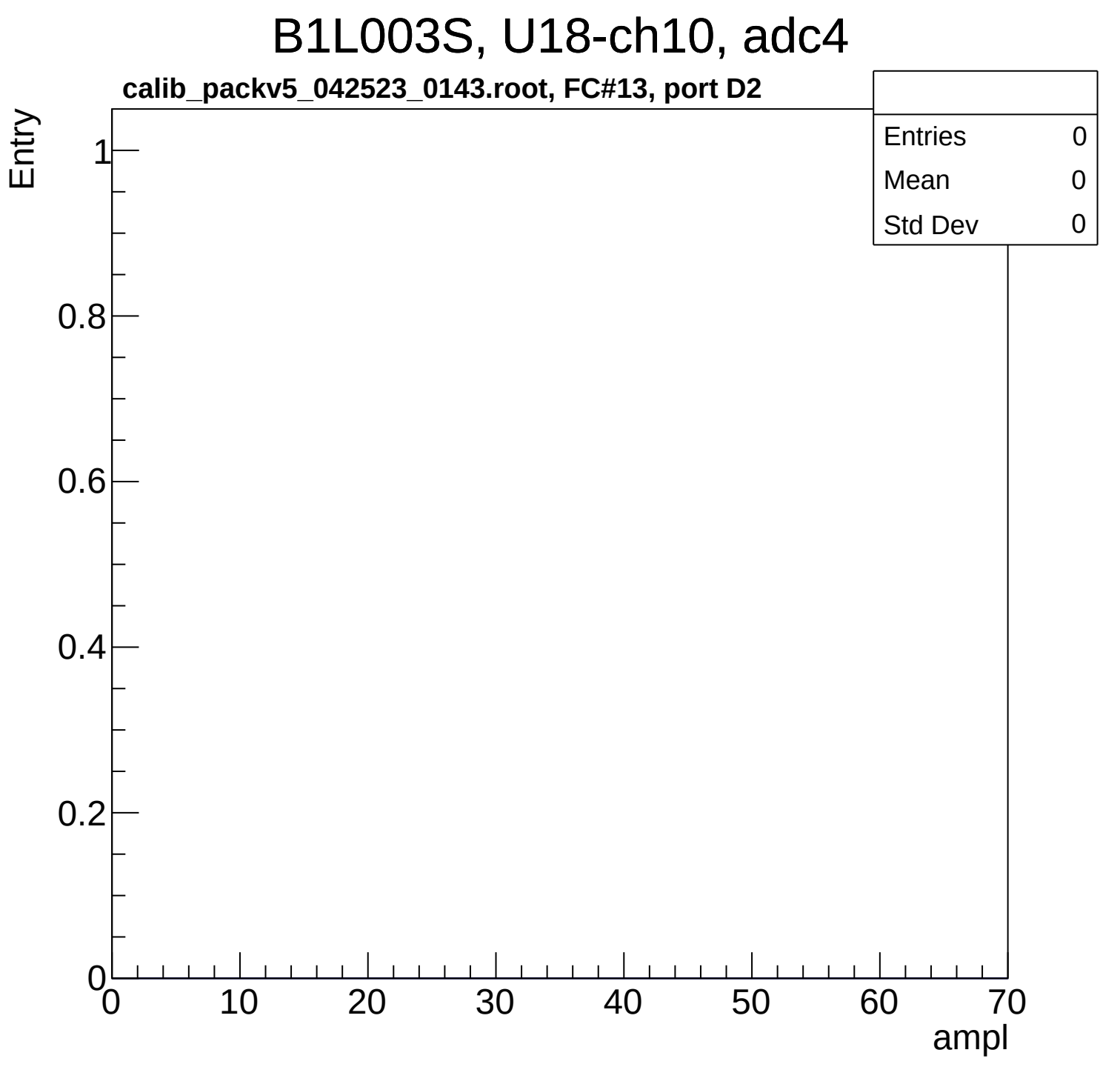

B1L003S, U18-ch9, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

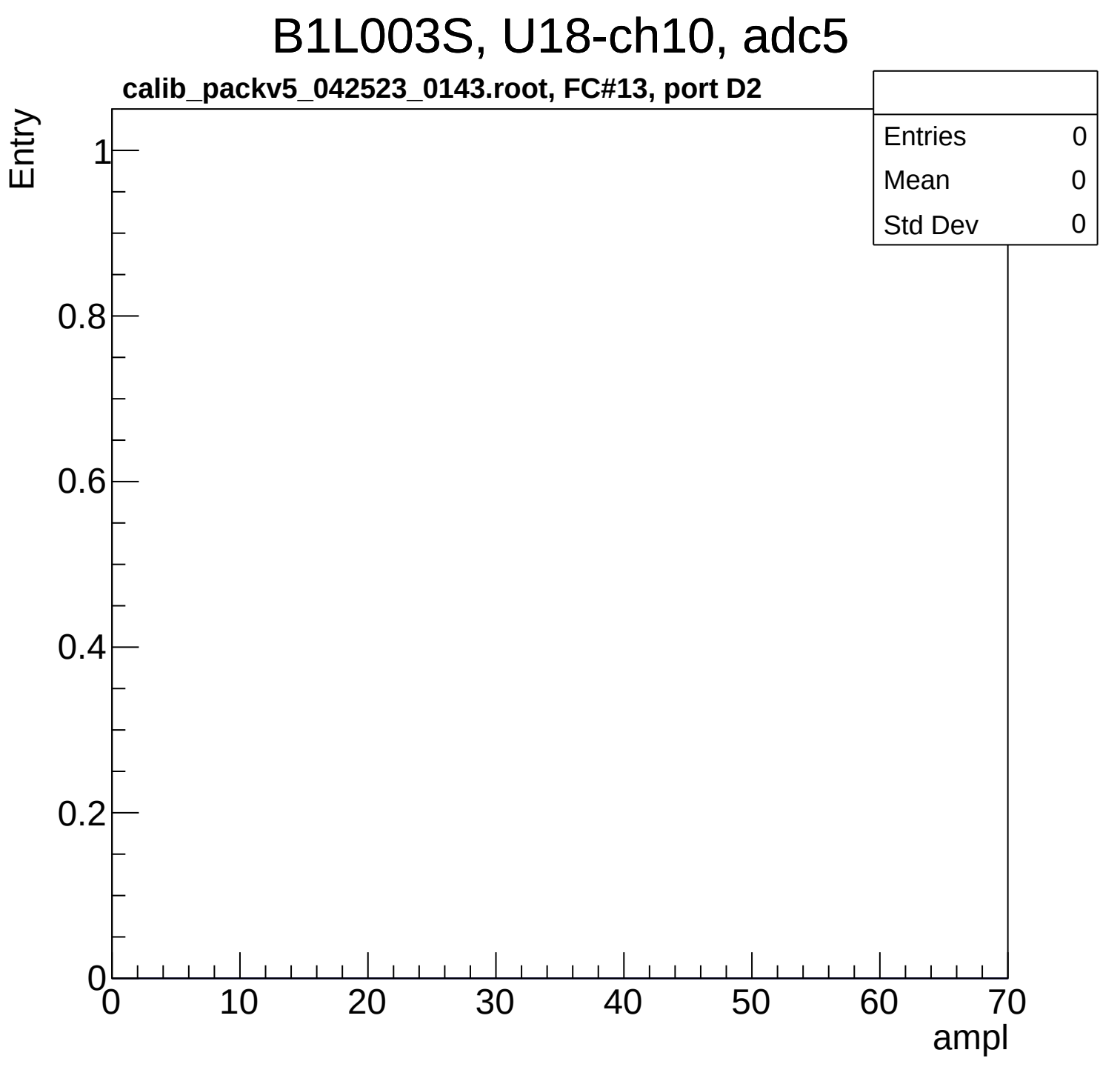

B1L003S, U18-ch10, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

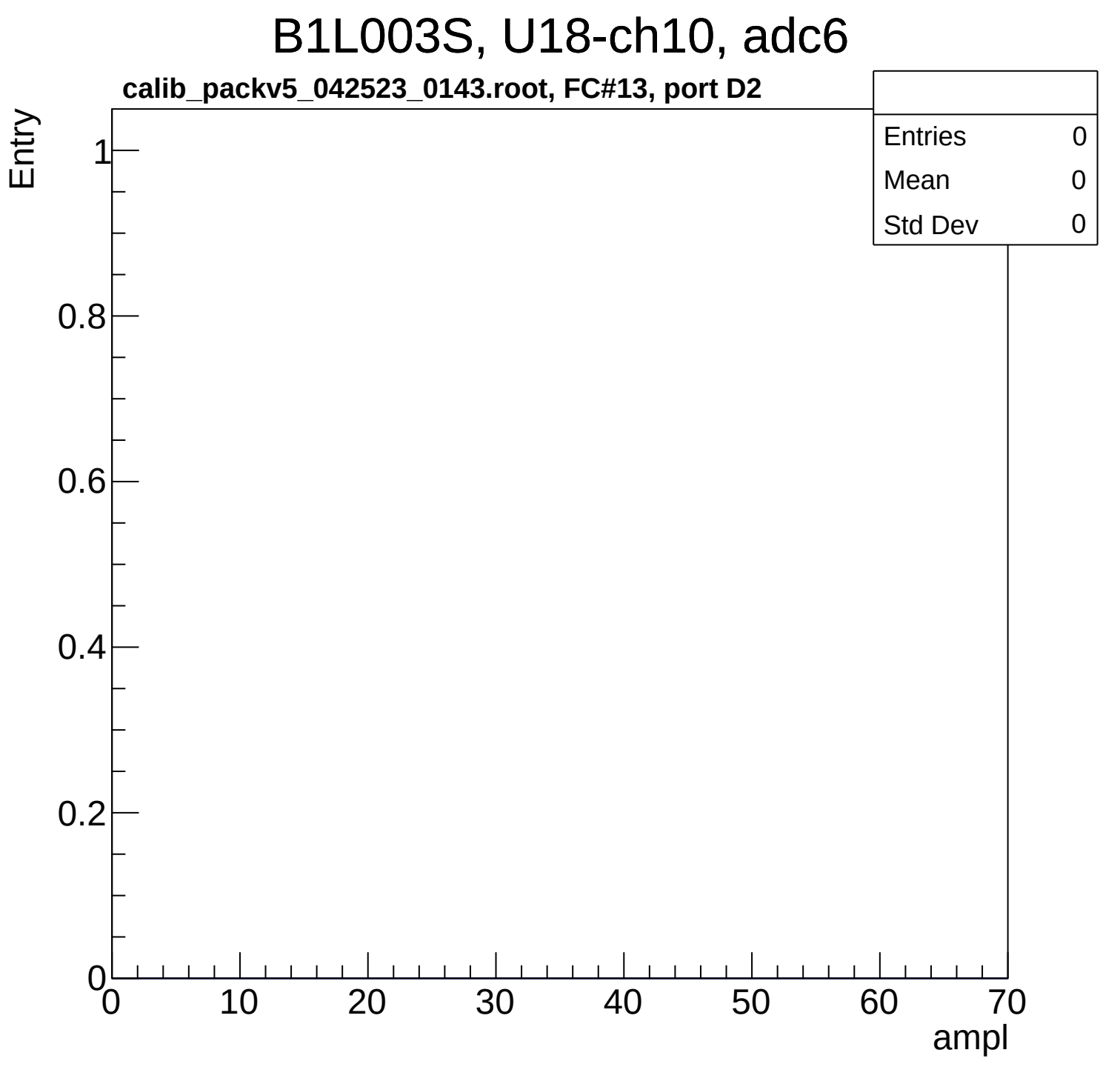

B1L003S, U18-ch10, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

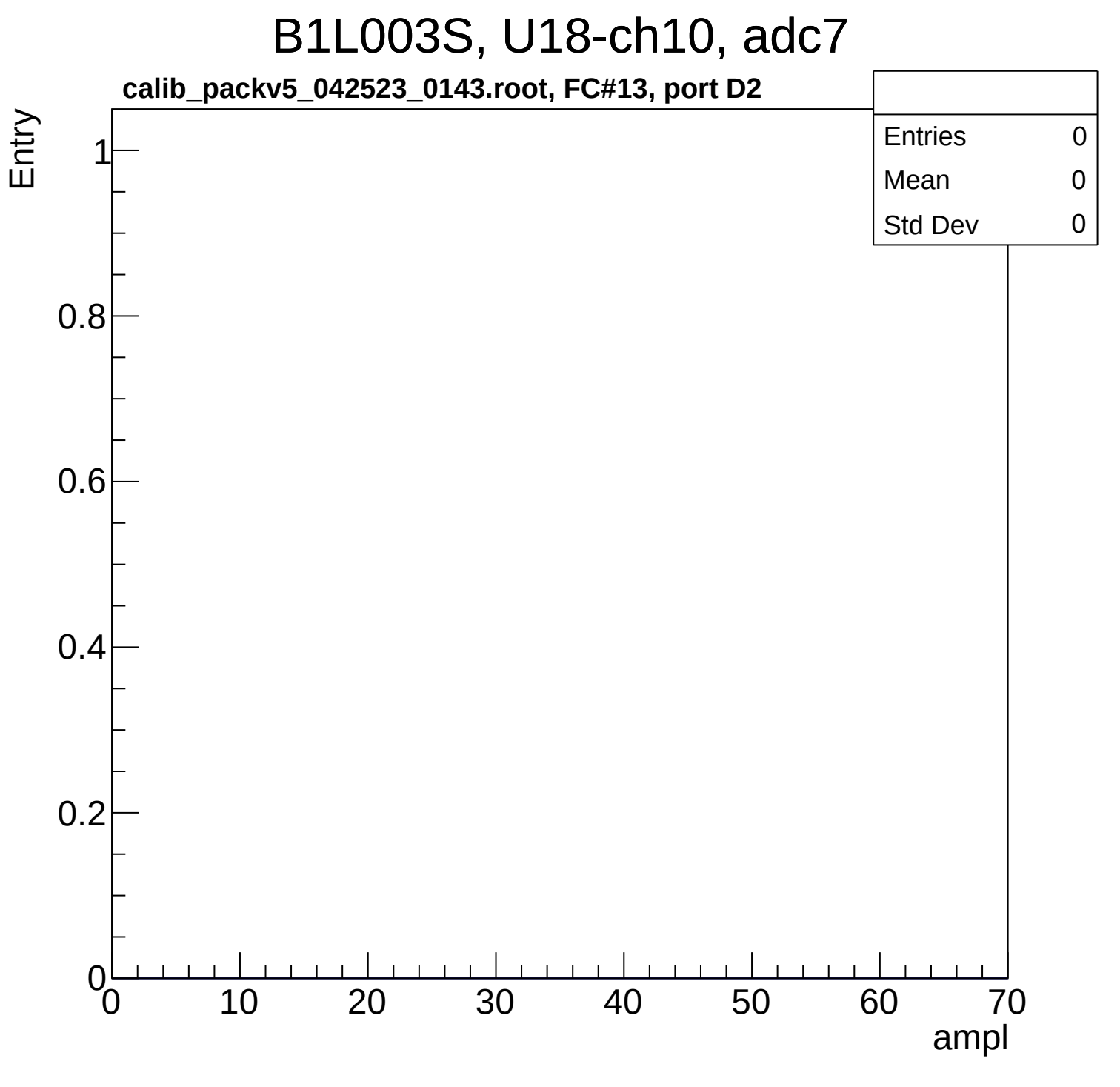

B1L003S, U18-ch10, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

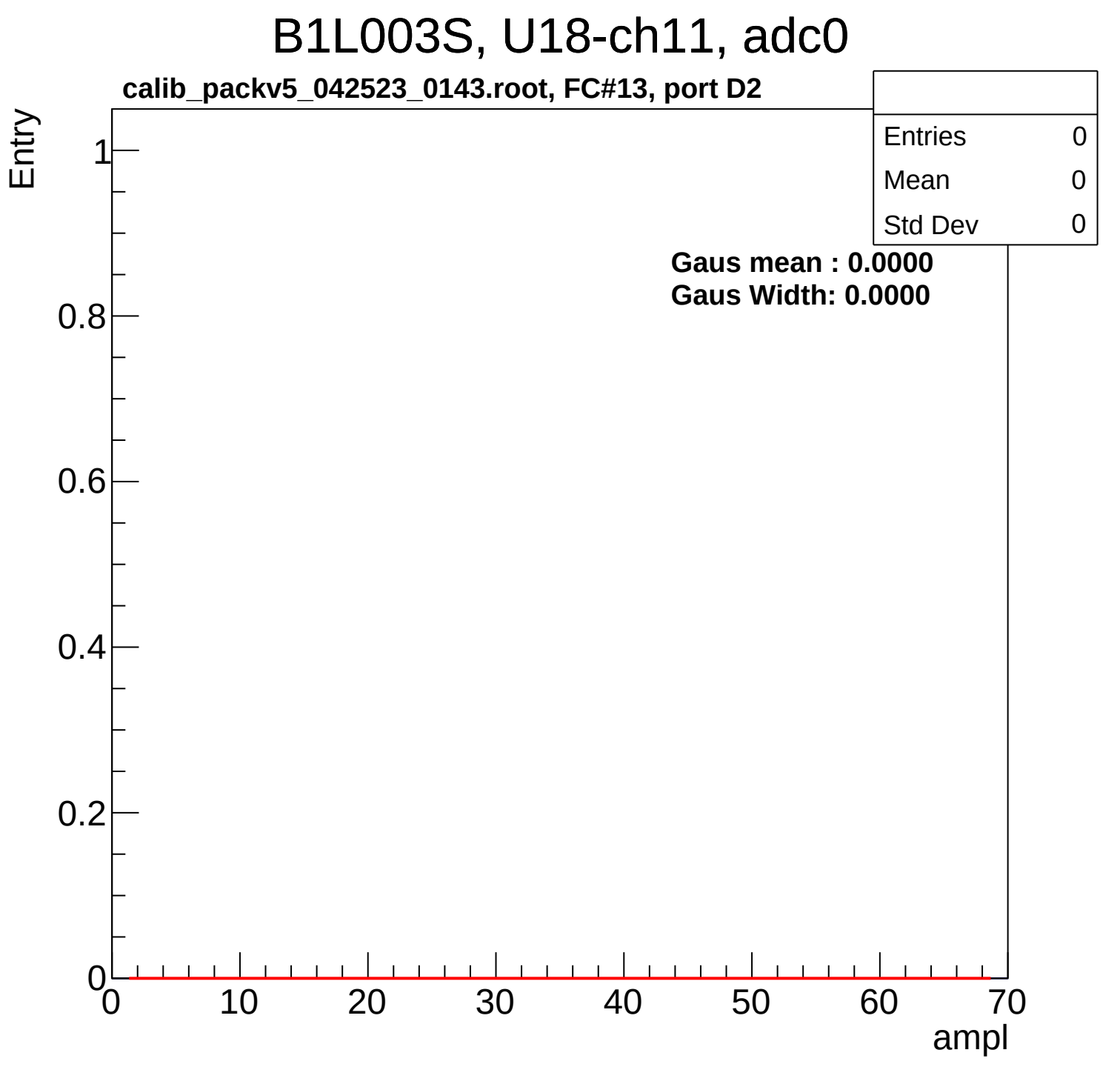

B1L003S, U18-ch10, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

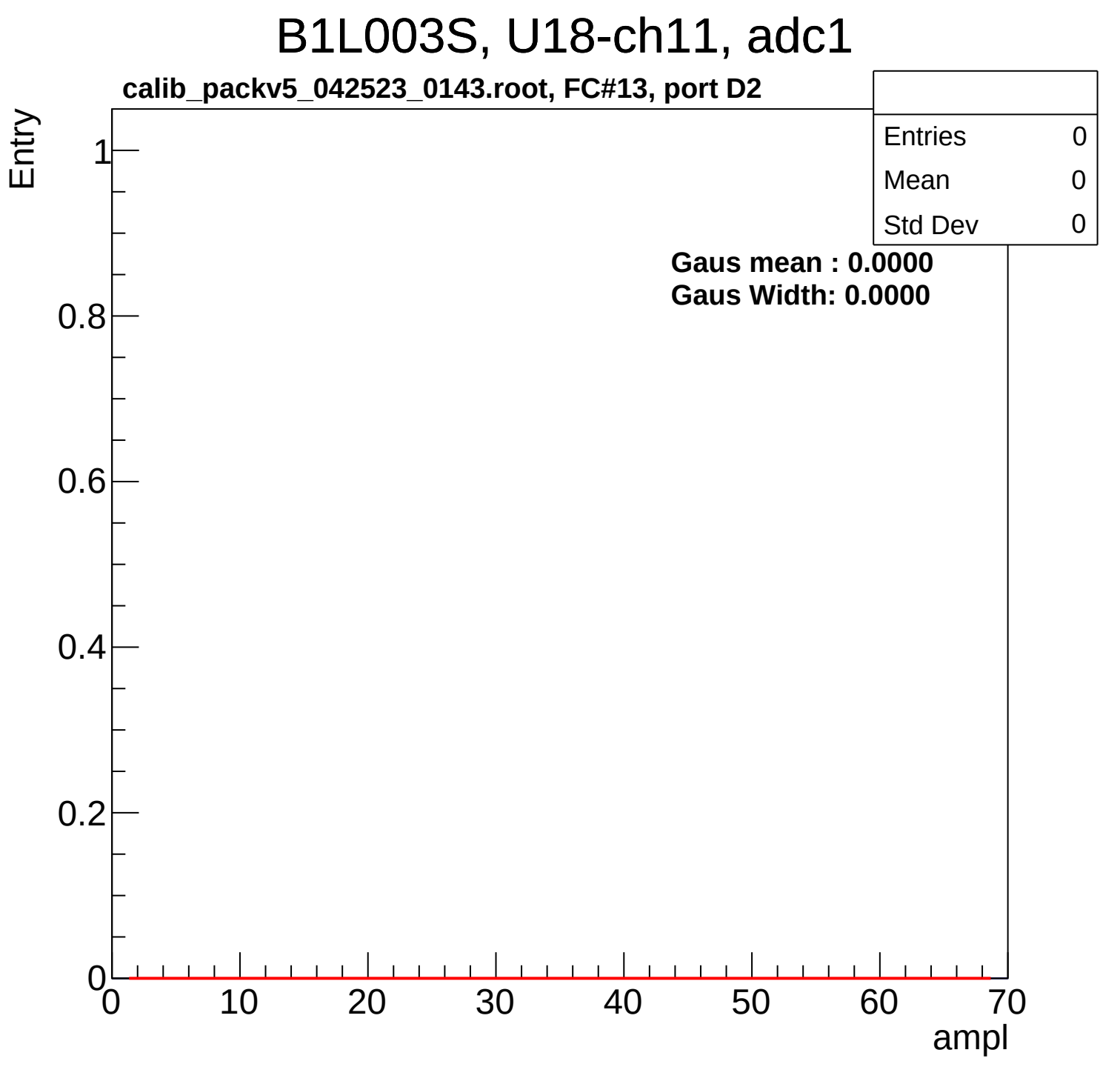

B1L003S, U18-ch10, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

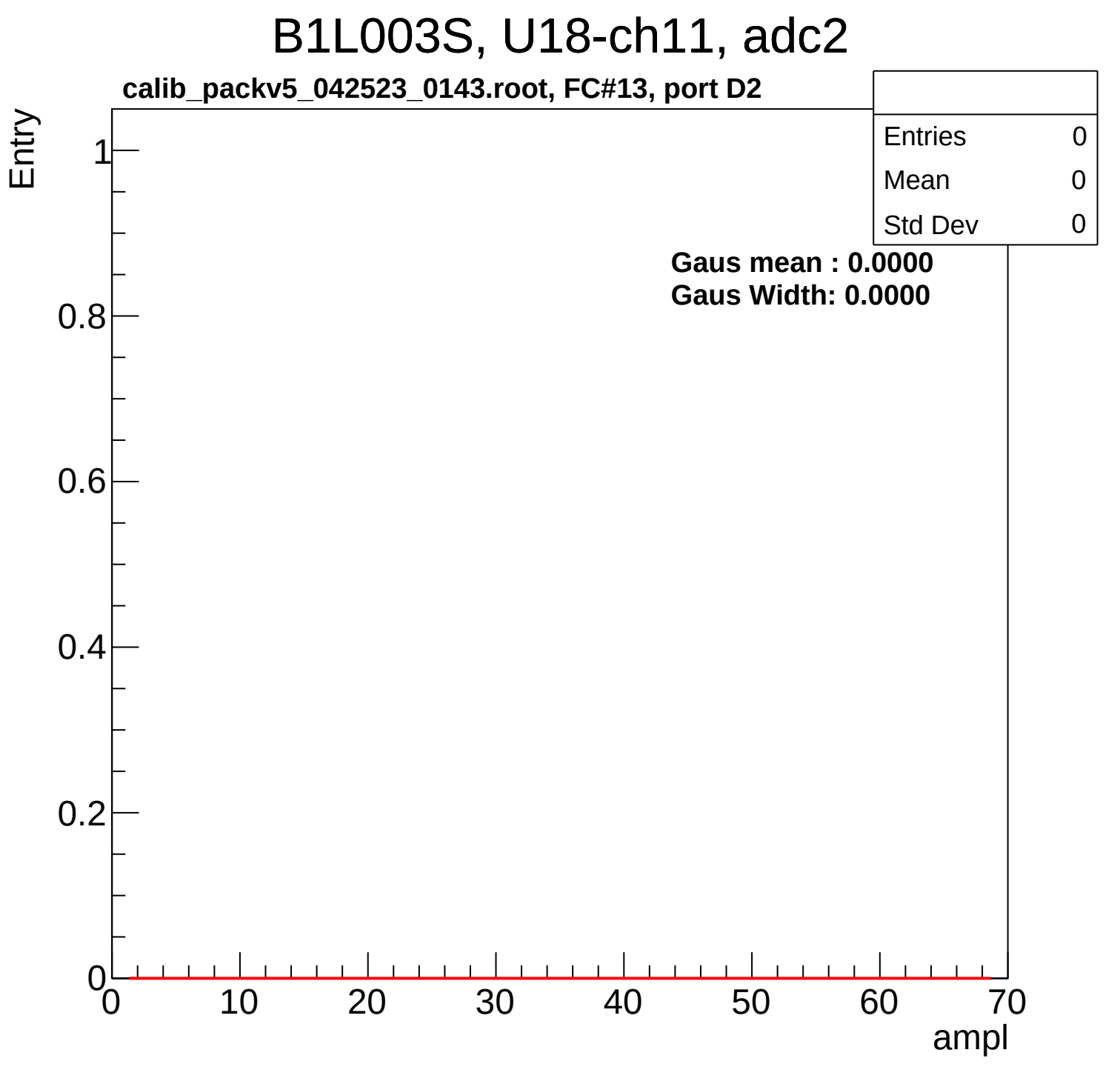

B1L003S, U18-ch10, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

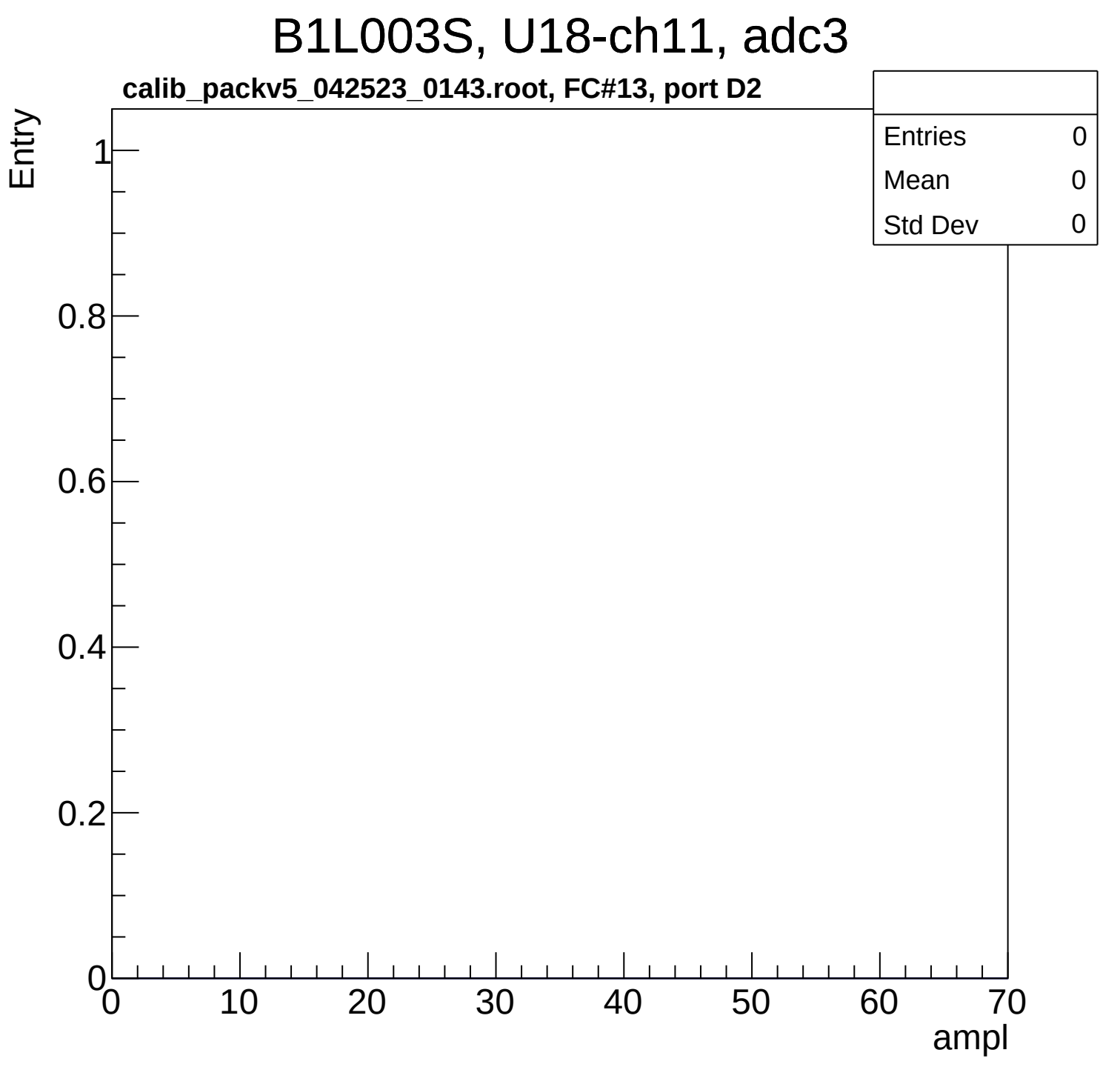

B1L003S, U18-ch10, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

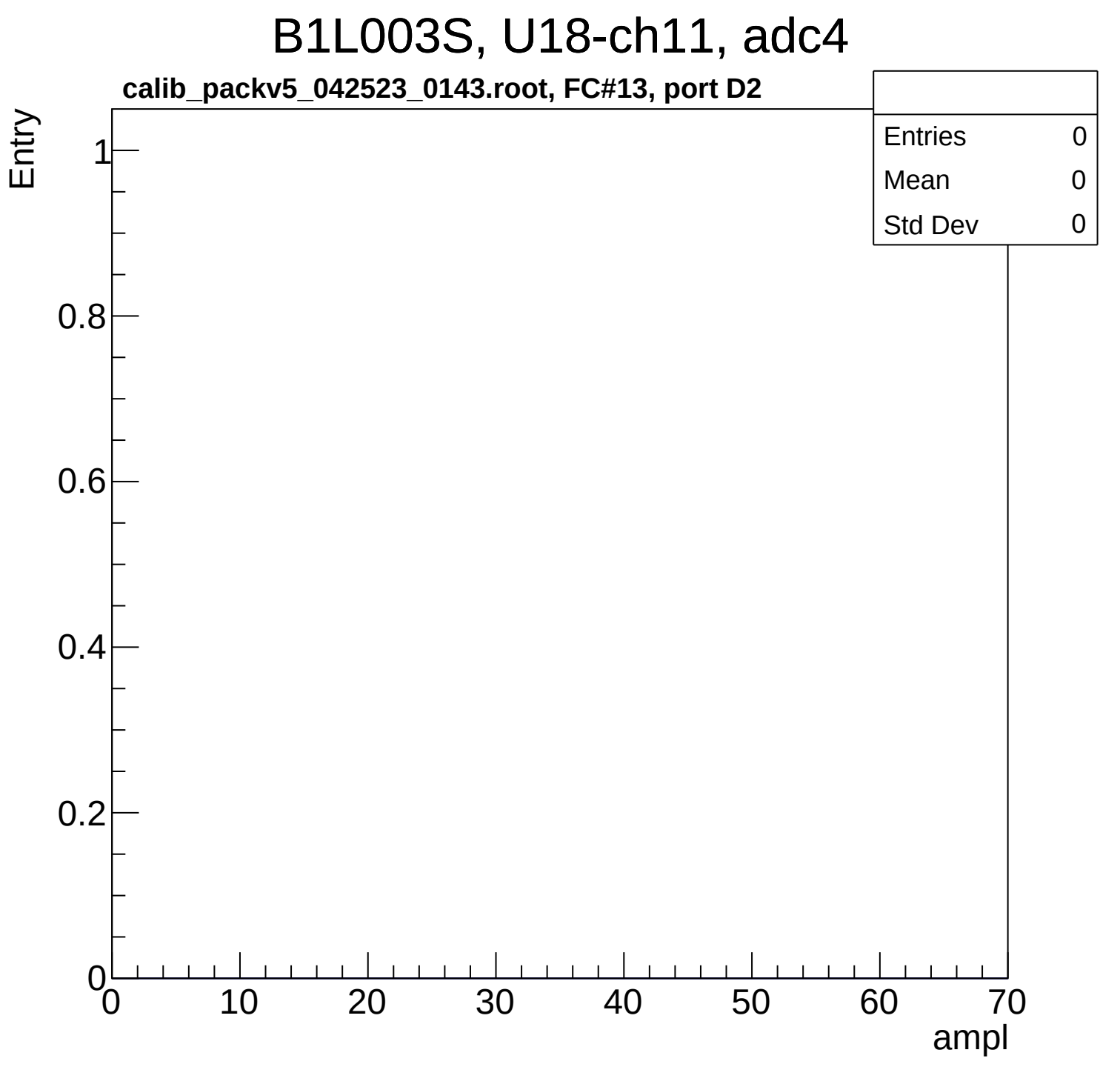

B1L003S, U18-ch10, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

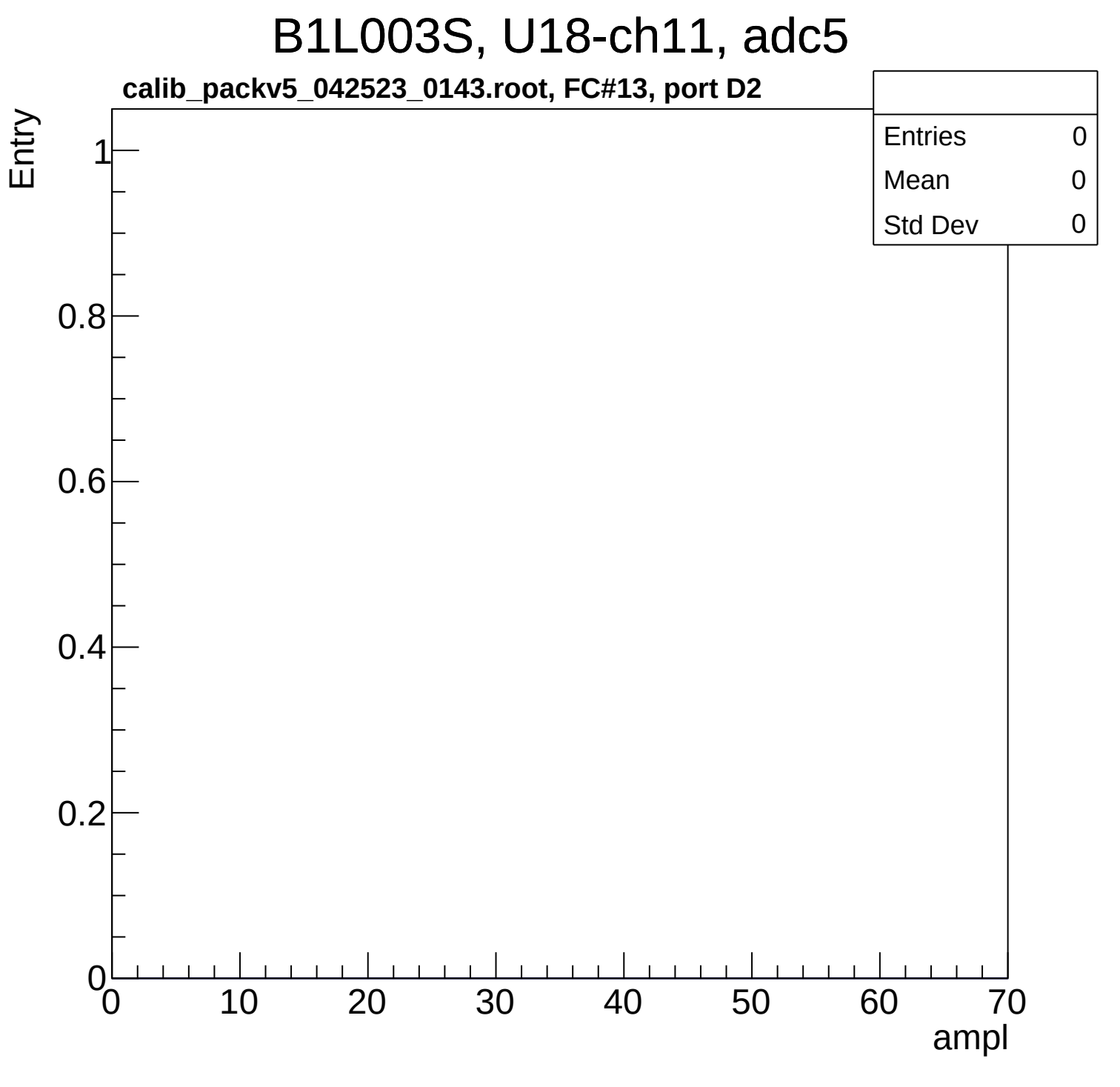

B1L003S, U18-ch11, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

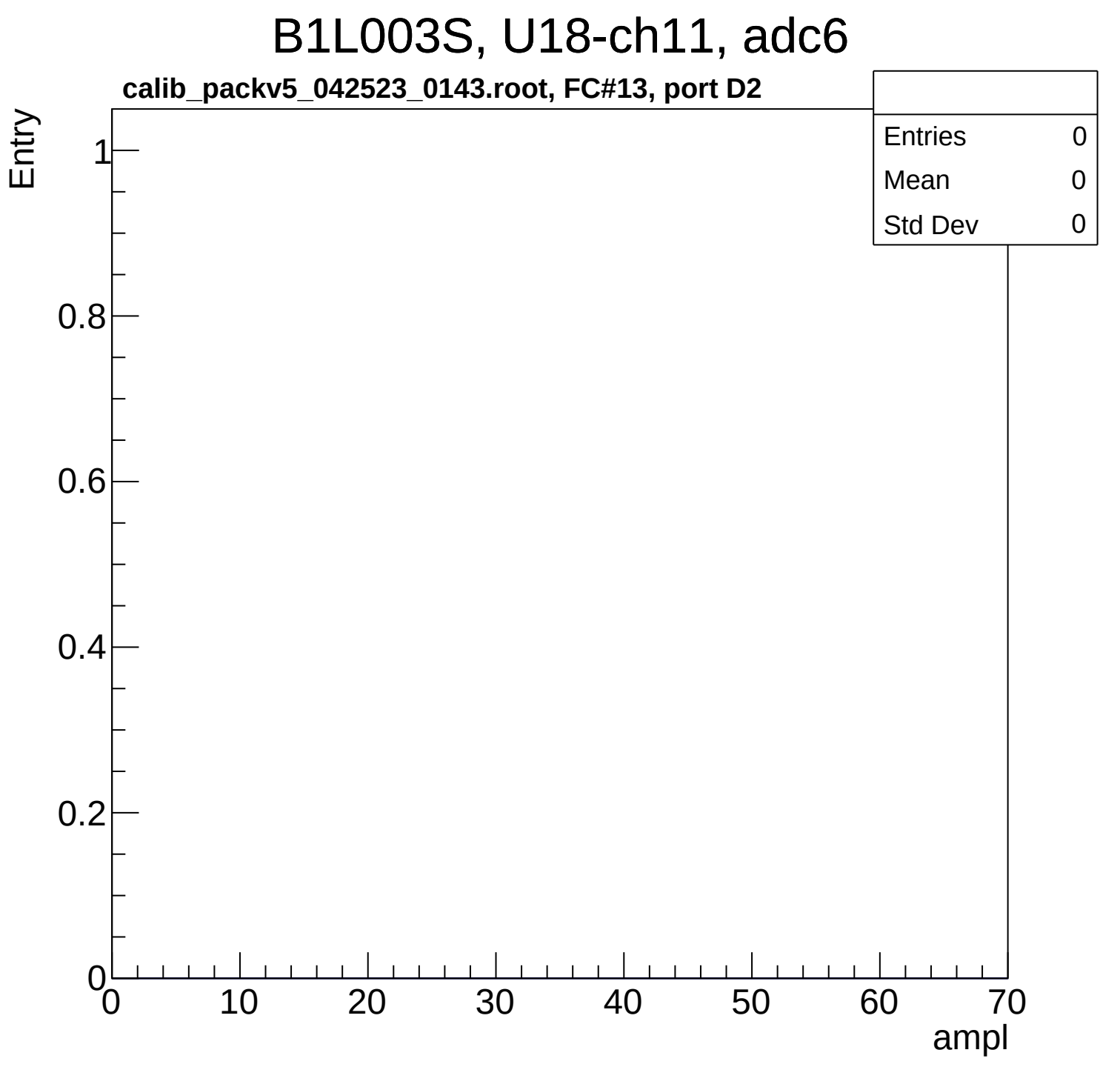

B1L003S, U18-ch11, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

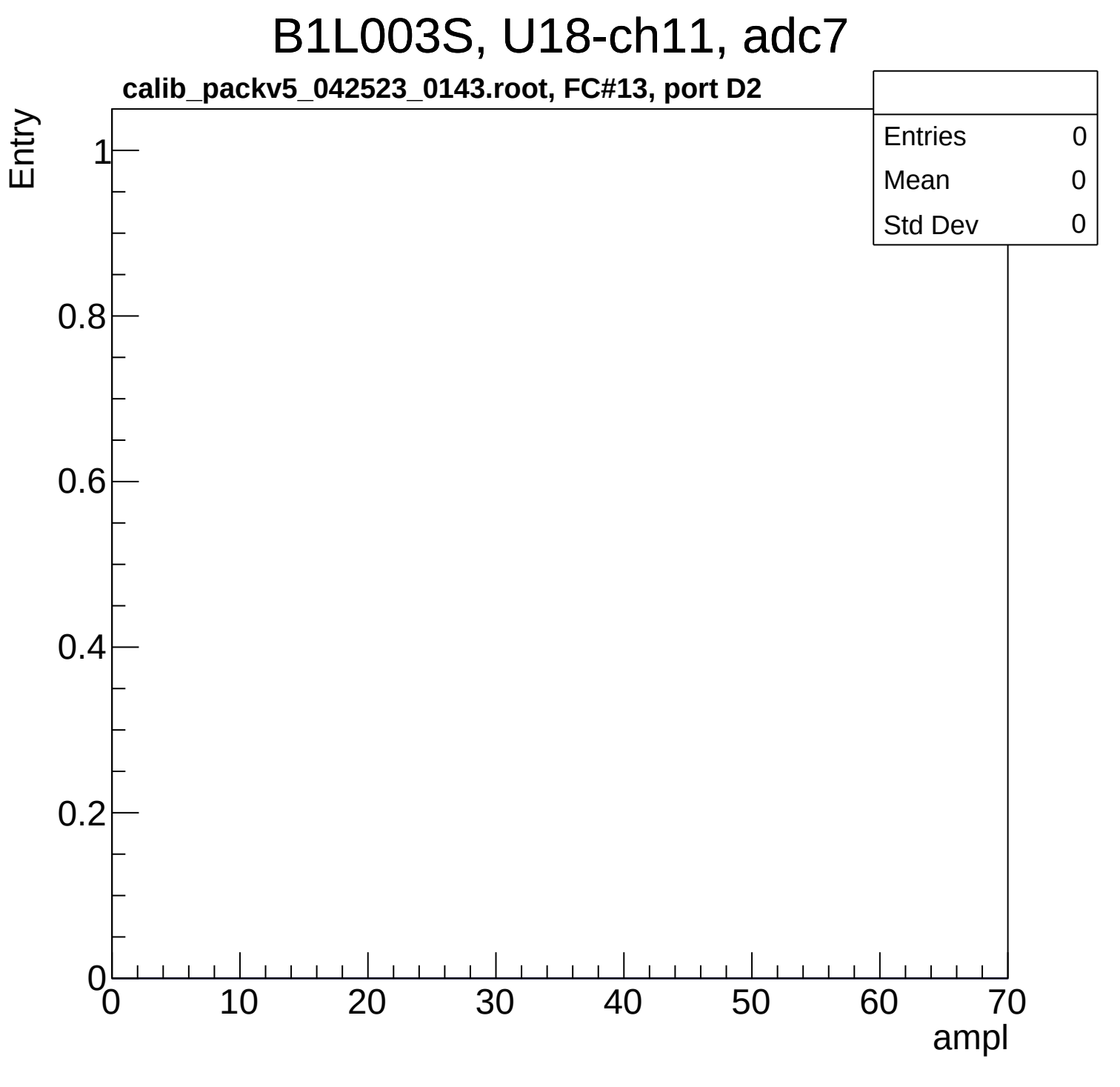

B1L003S, U18-ch11, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

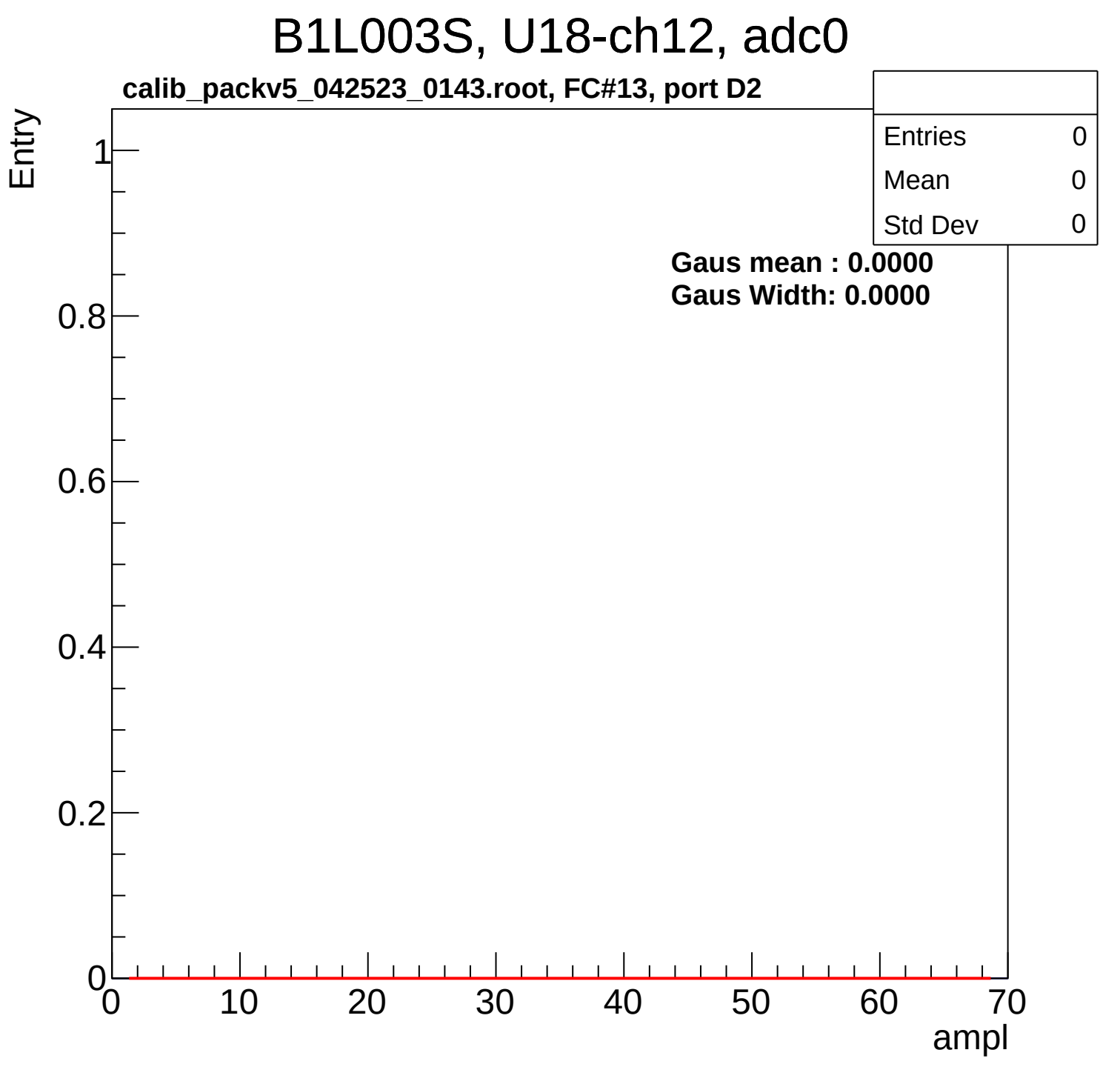

B1L003S, U18-ch11, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

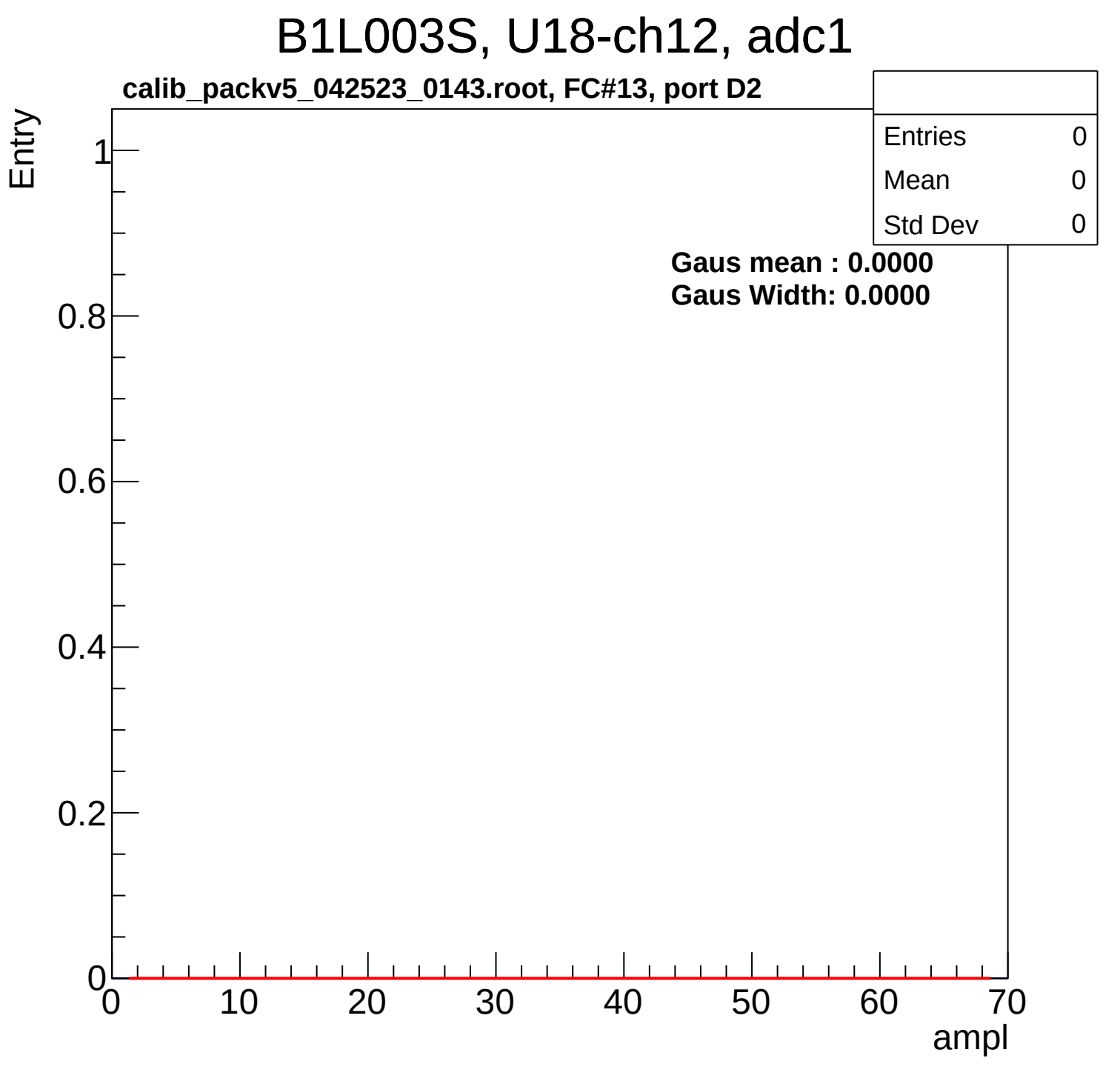

B1L003S, U18-ch11, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

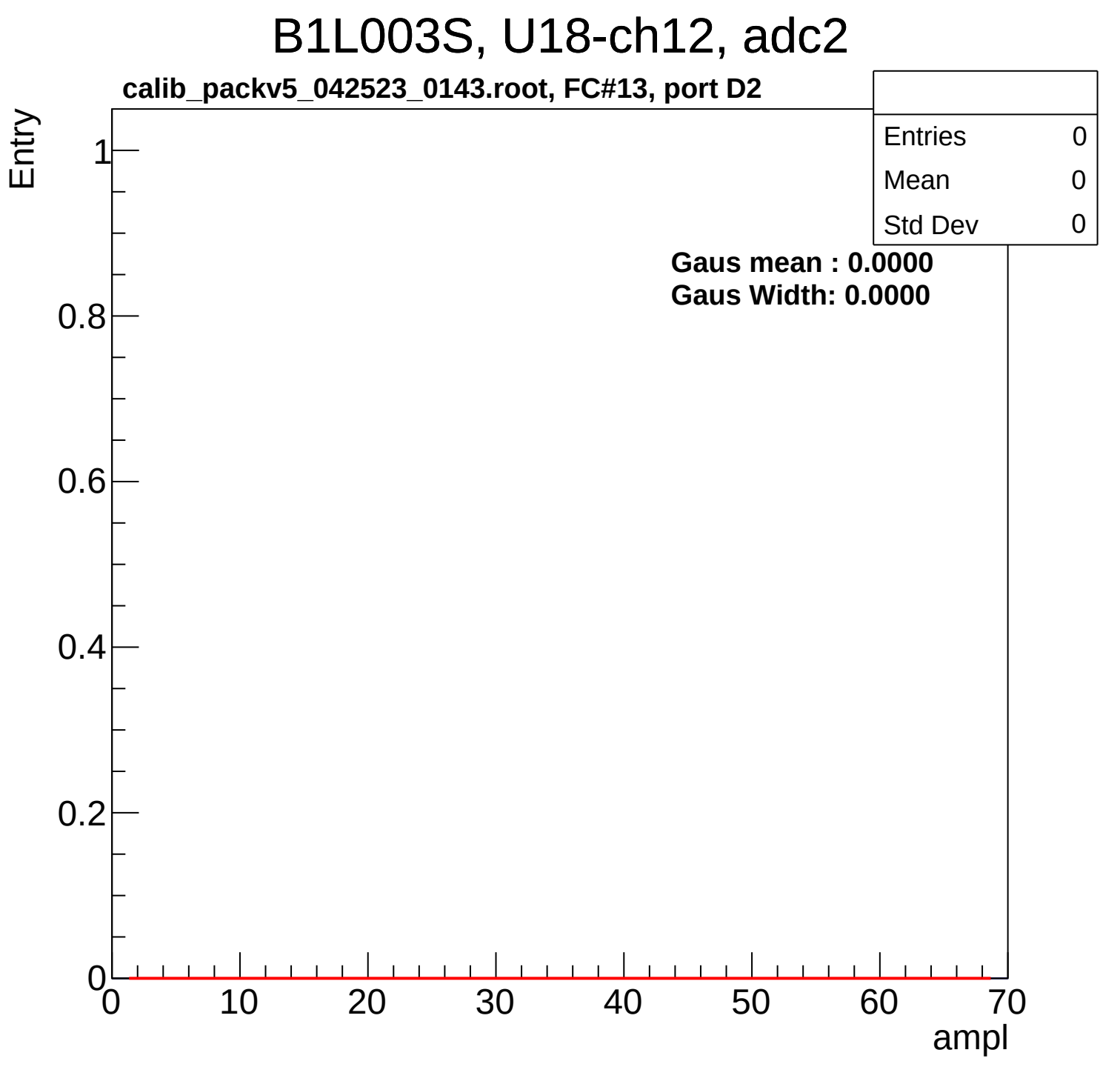

B1L003S, U18-ch11, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

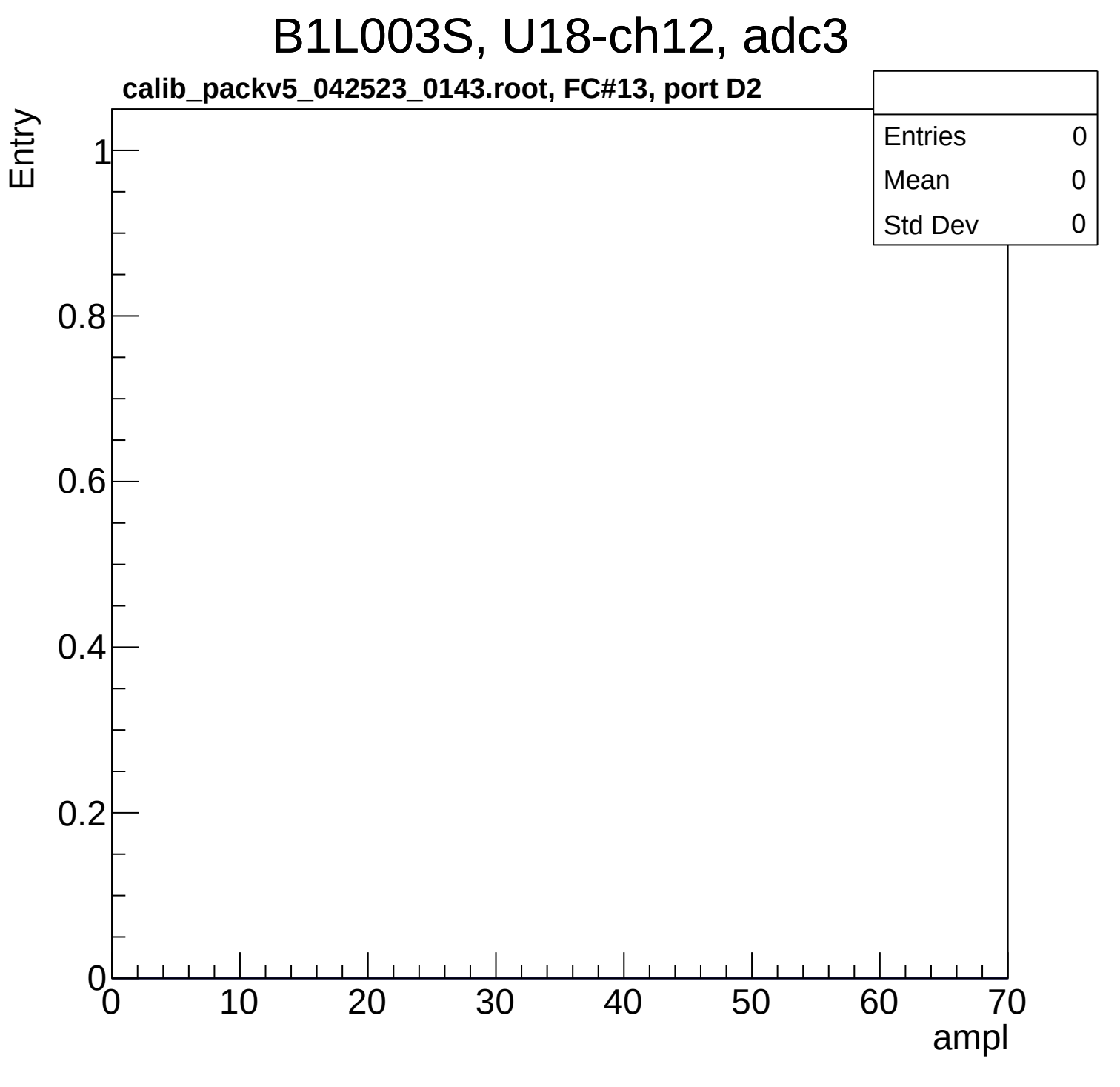

B1L003S, U18-ch11, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

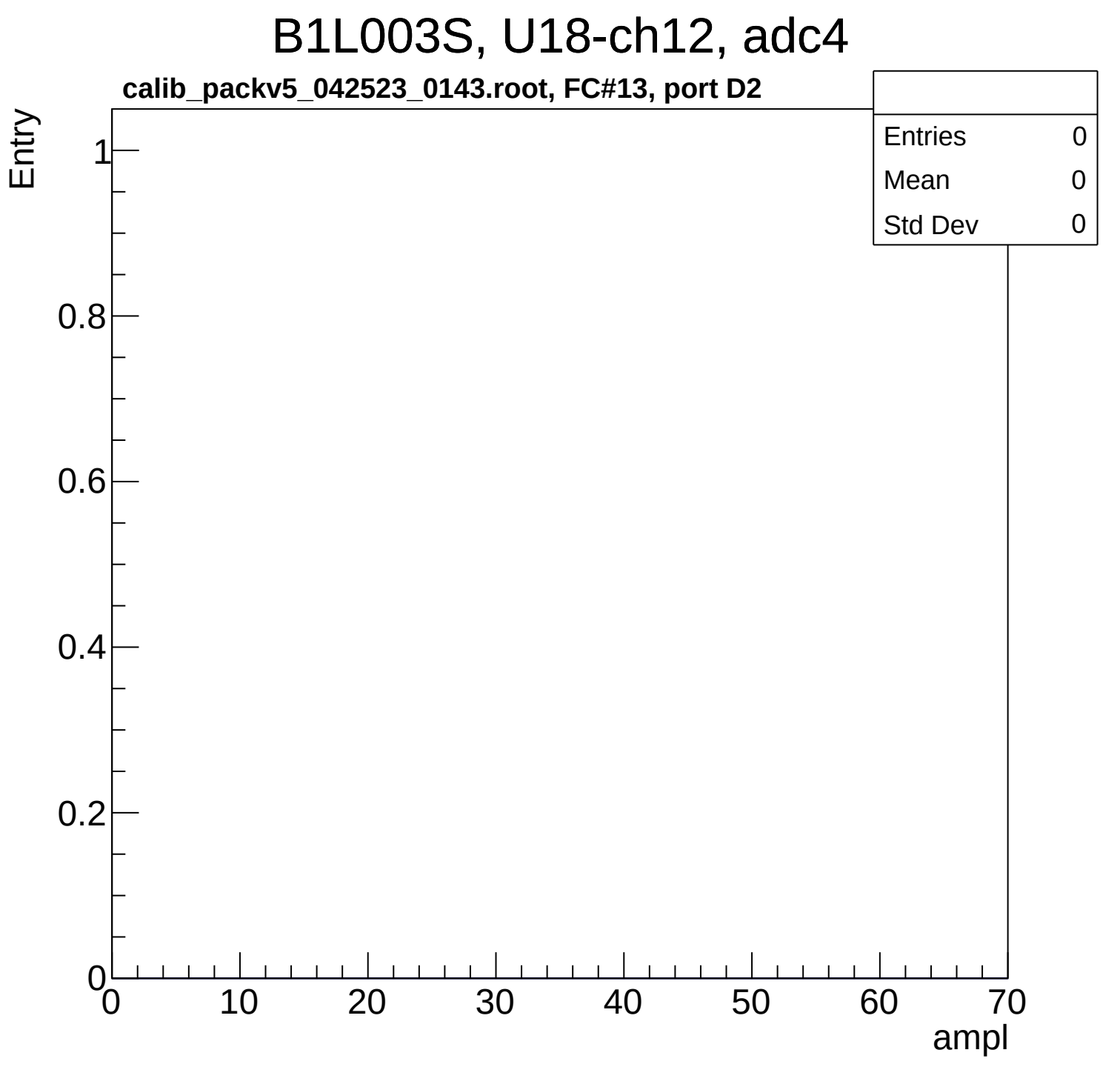

B1L003S, U18-ch11, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

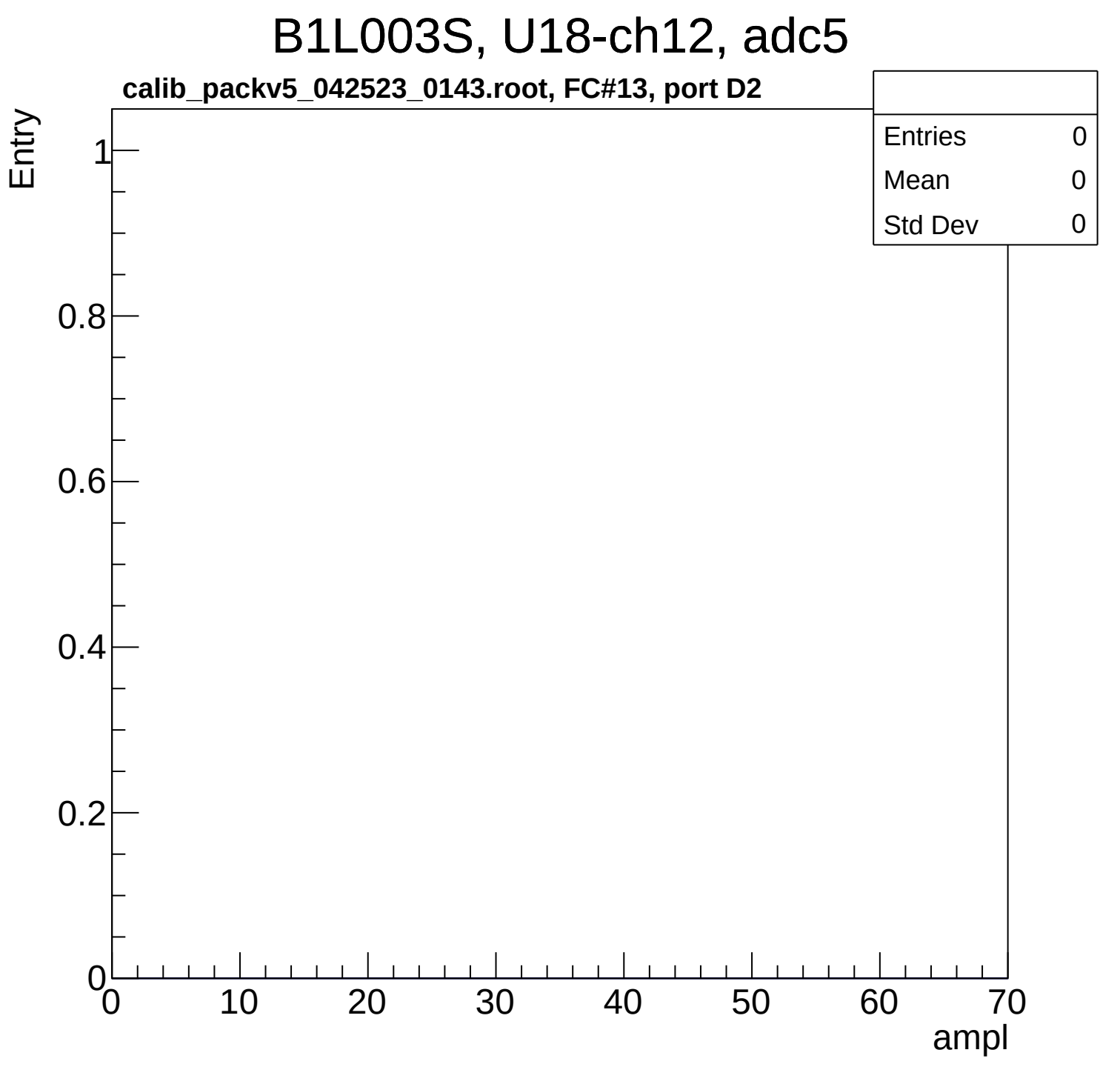

B1L003S, U18-ch12, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

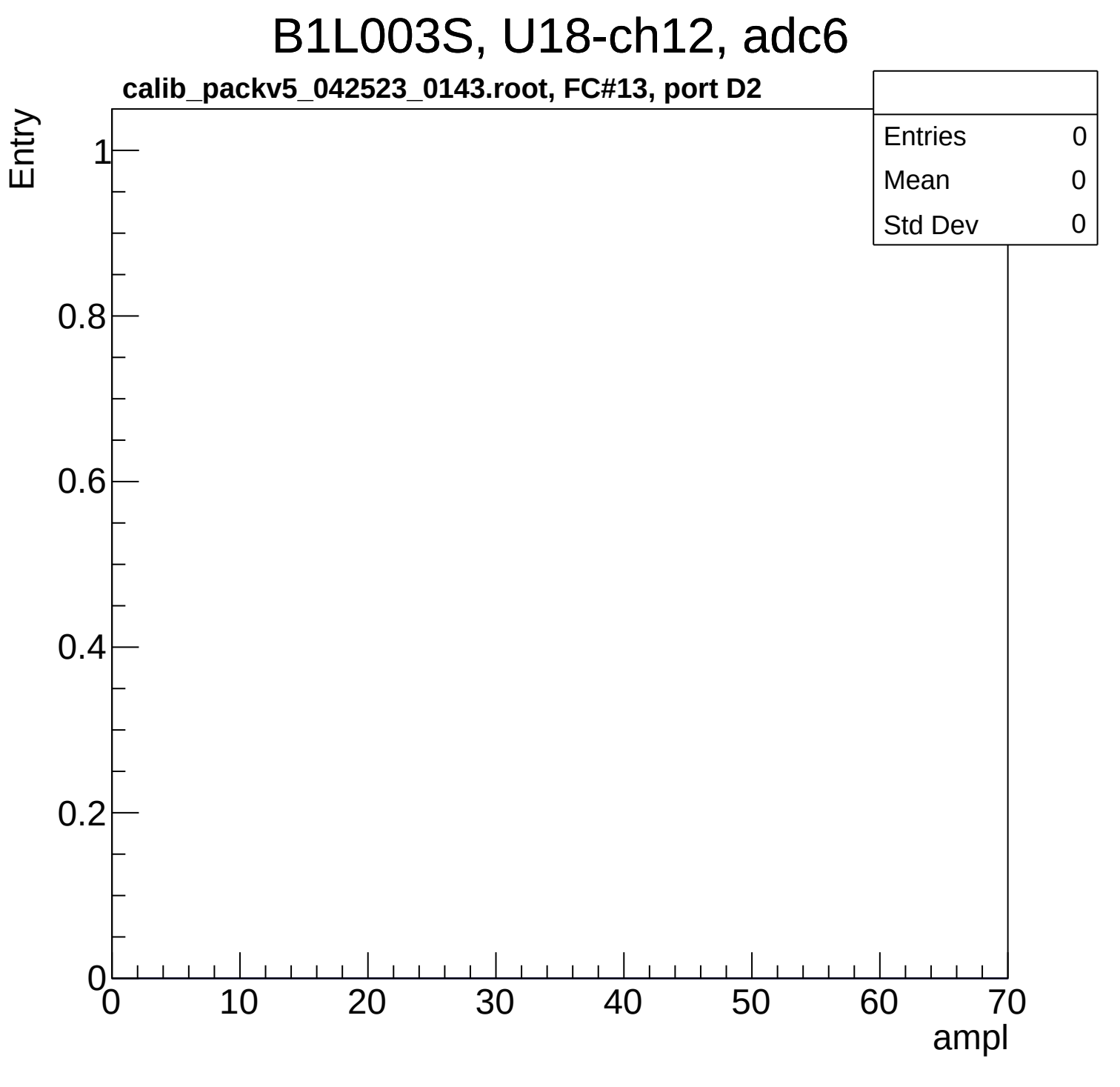

B1L003S, U18-ch12, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

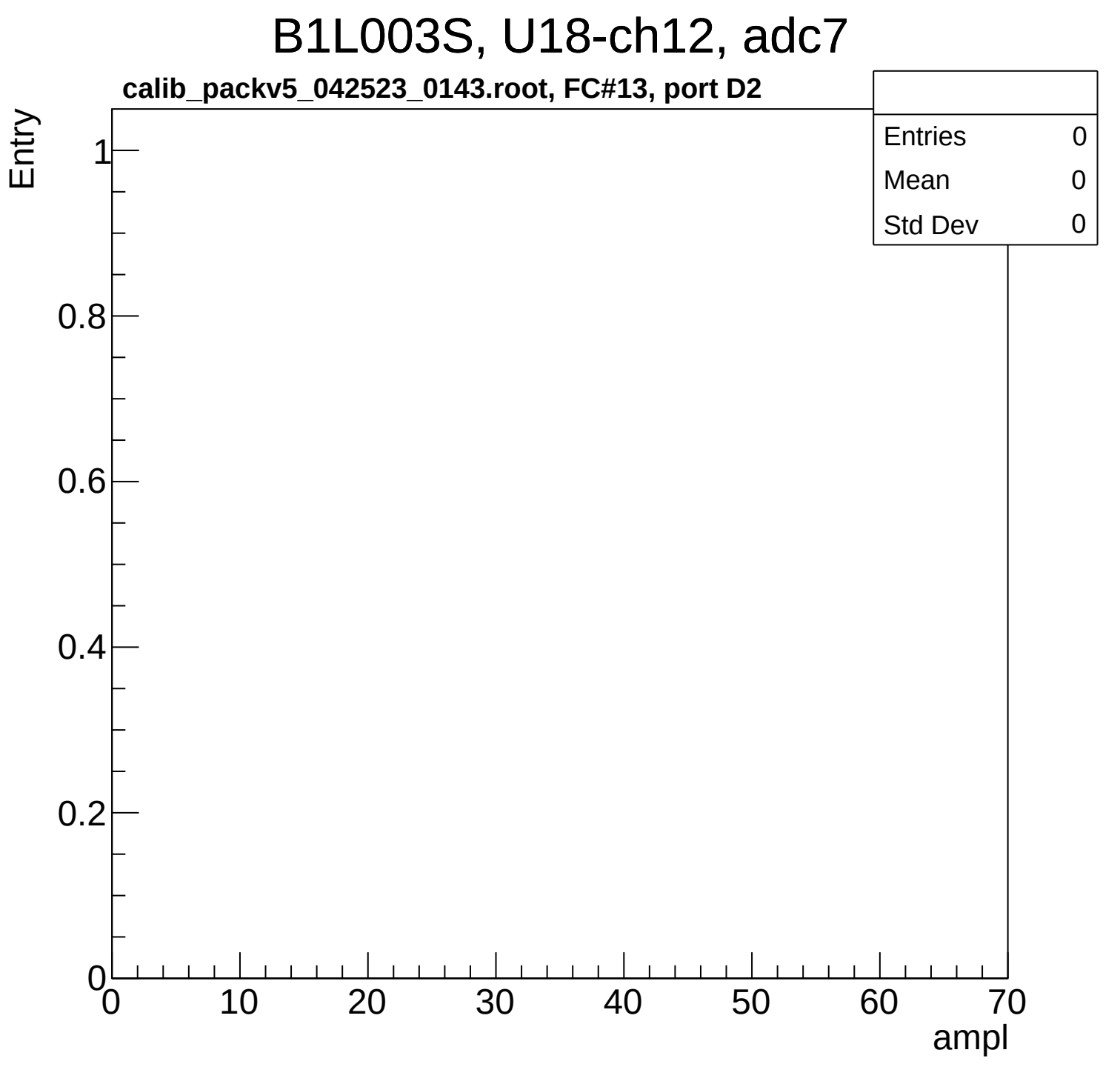

B1L003S, U18-ch12, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

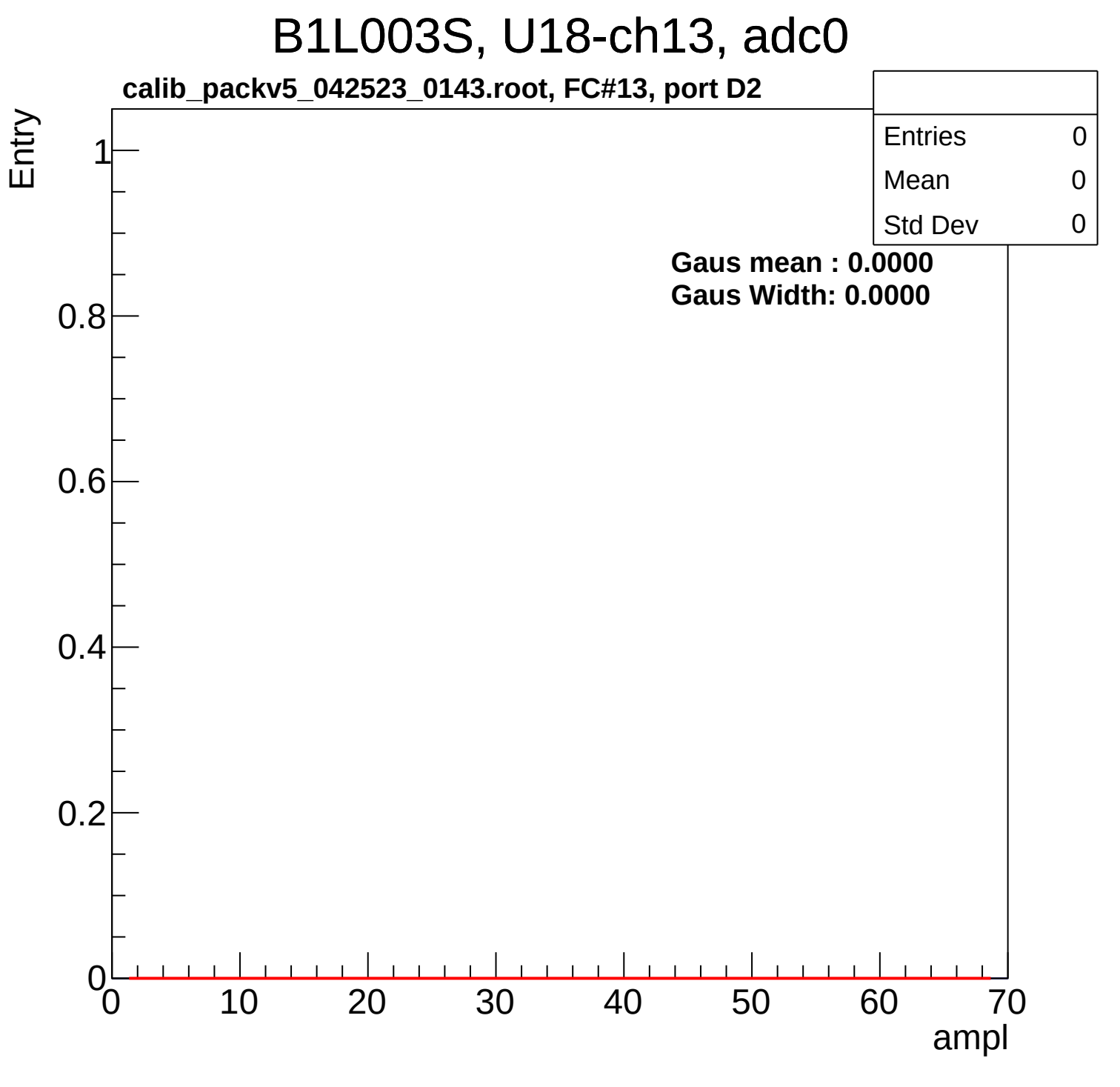

B1L003S, U18-ch12, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

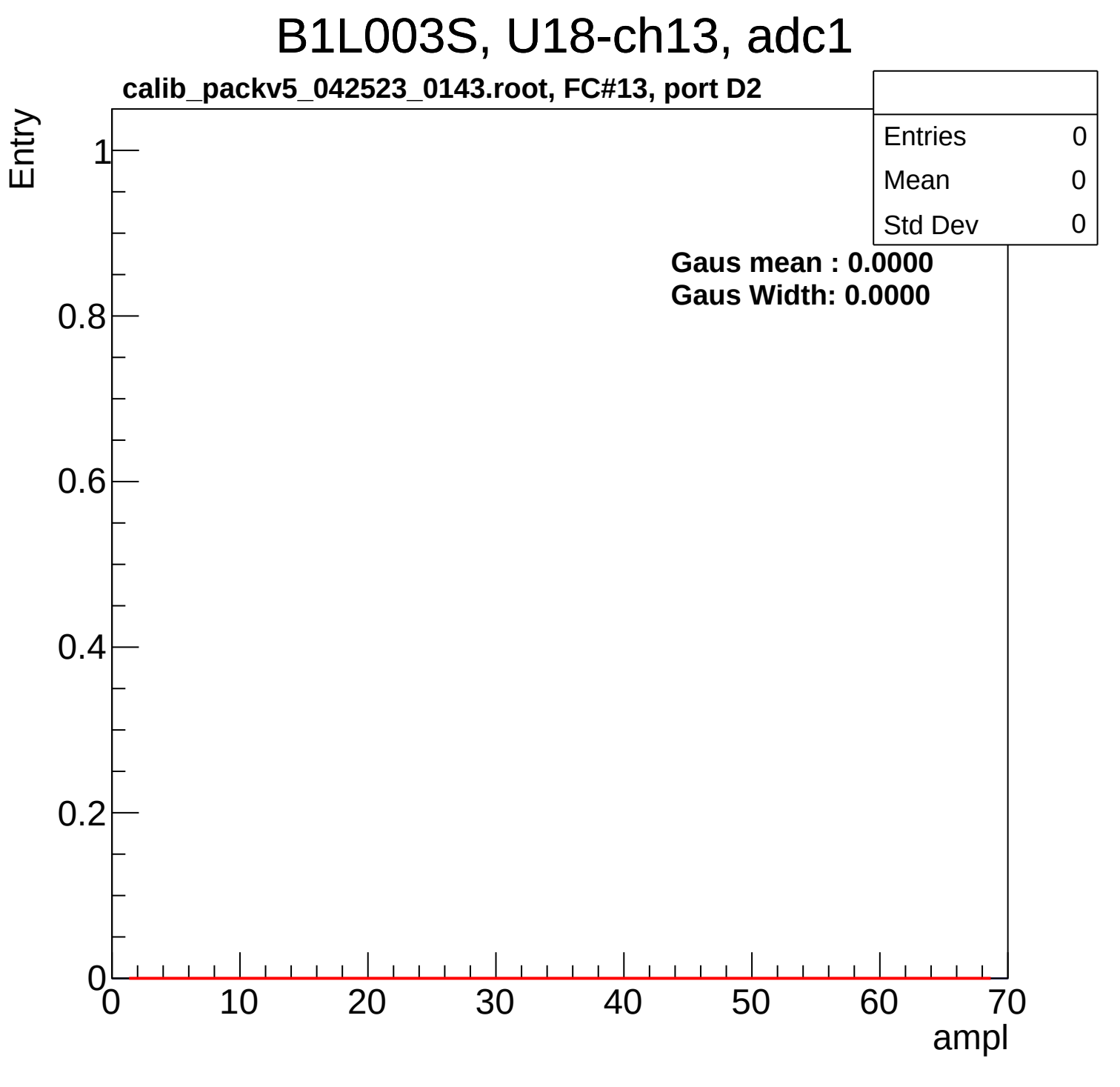

B1L003S, U18-ch12, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

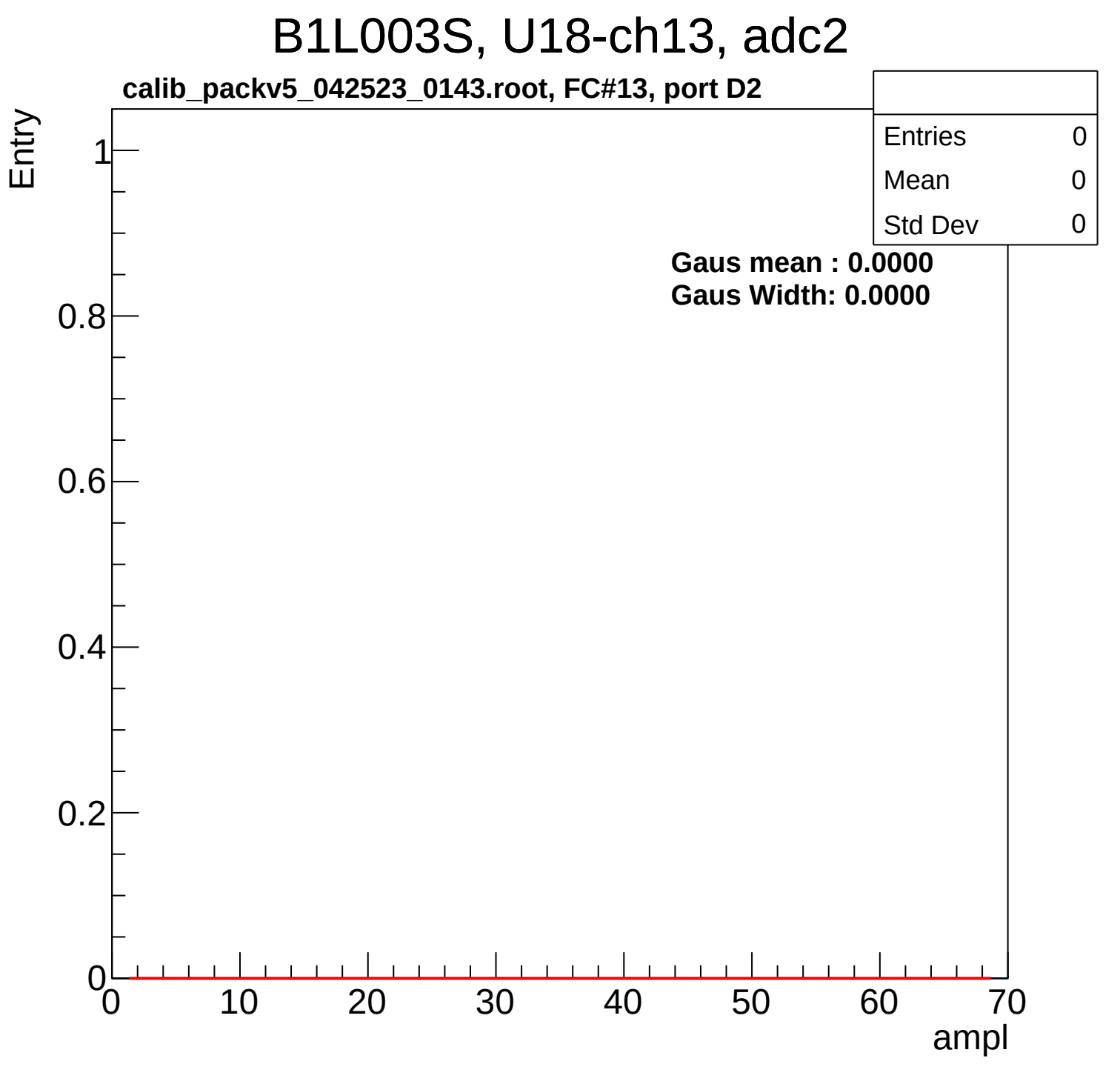

B1L003S, U18-ch12, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

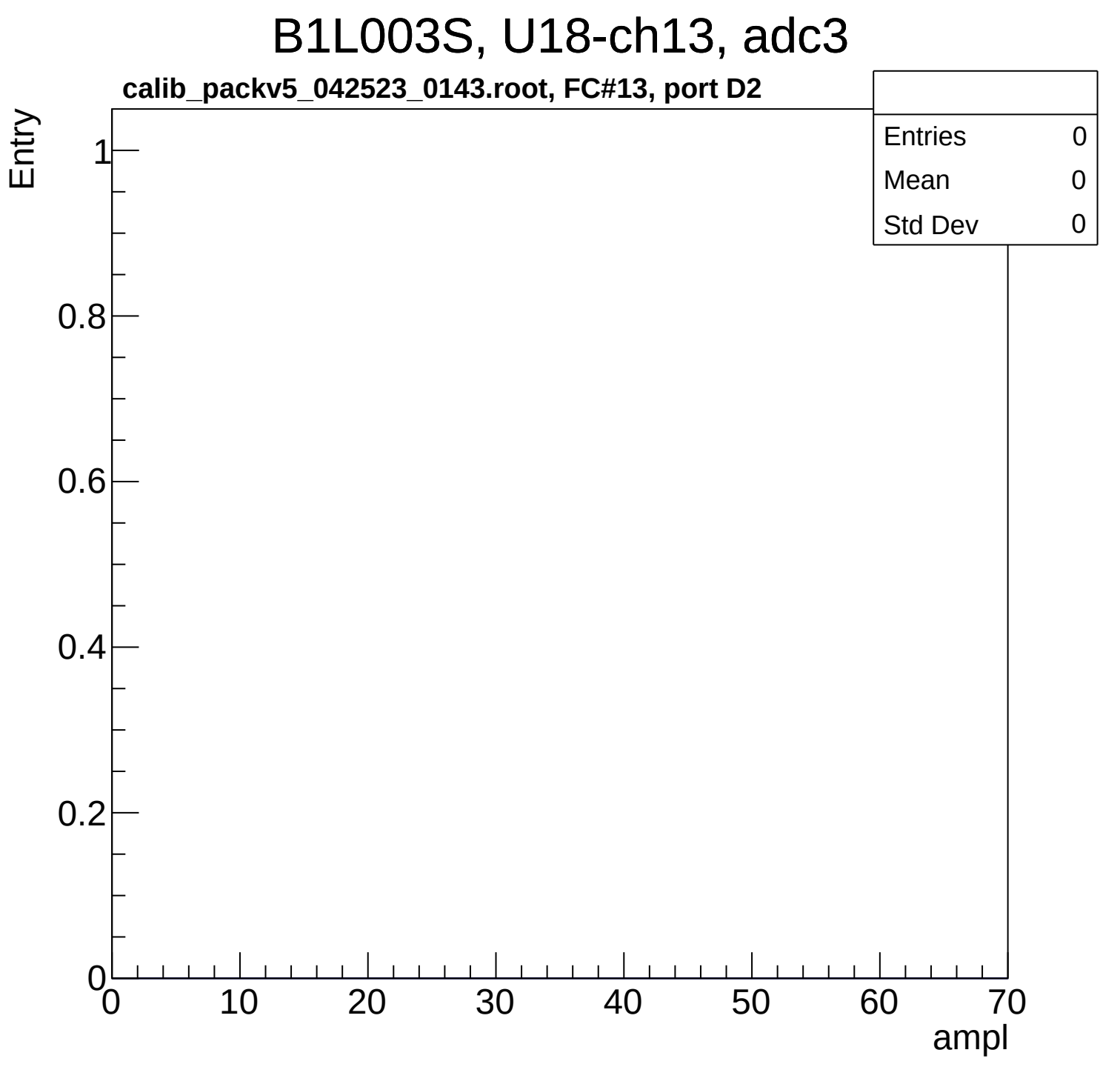

B1L003S, U18-ch12, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

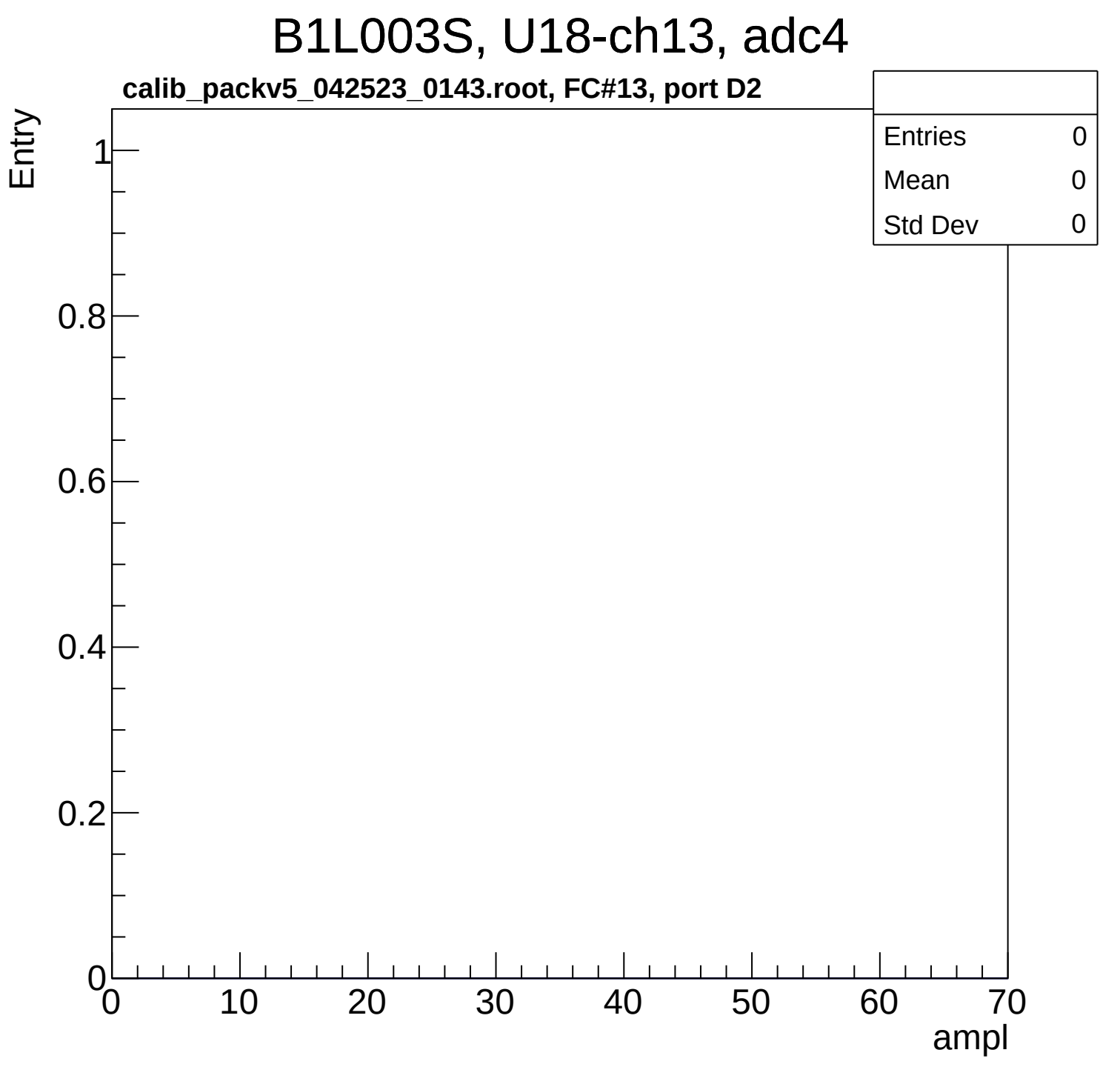

B1L003S, U18-ch12, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

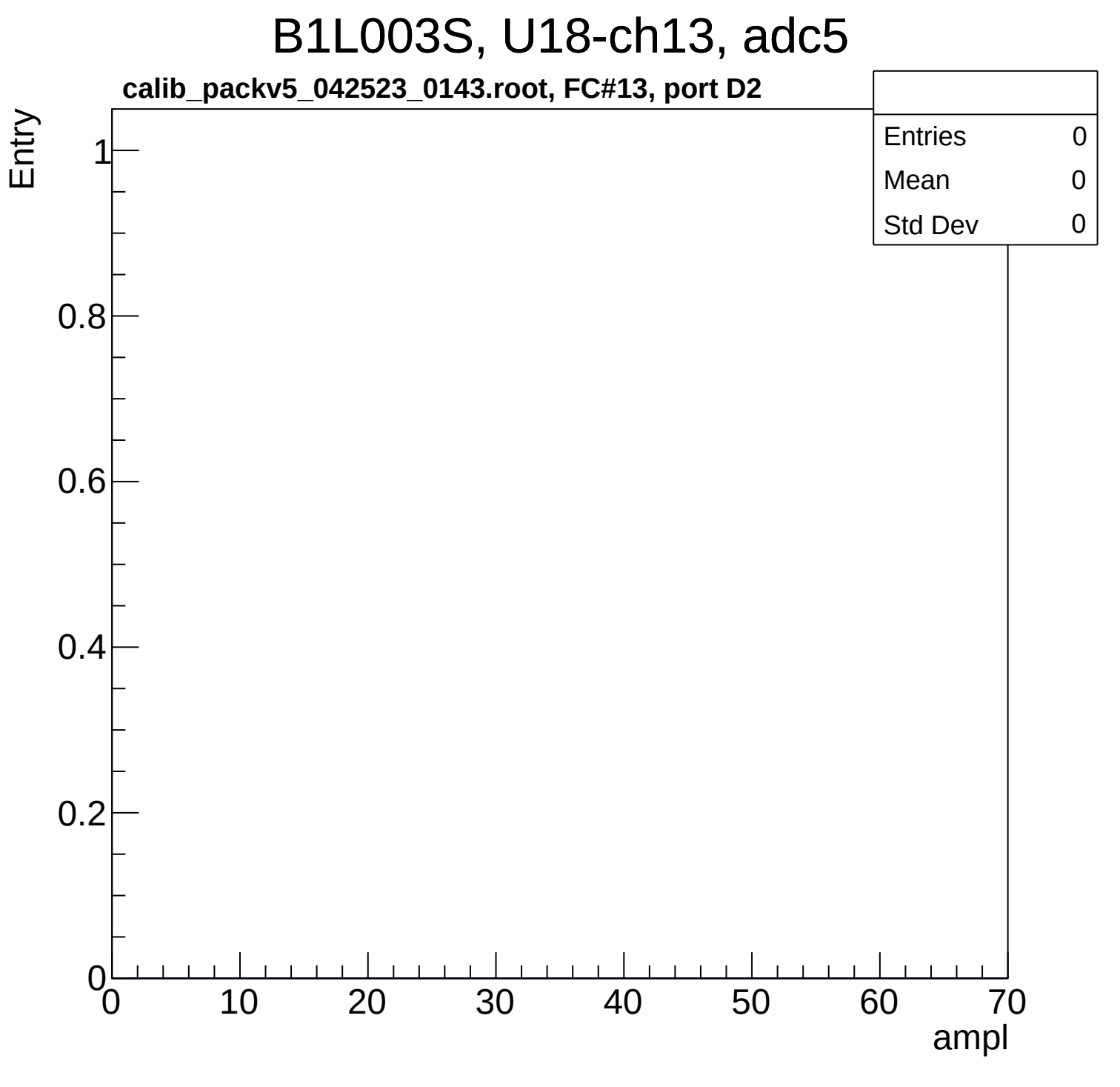

B1L003S, U18-ch13, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

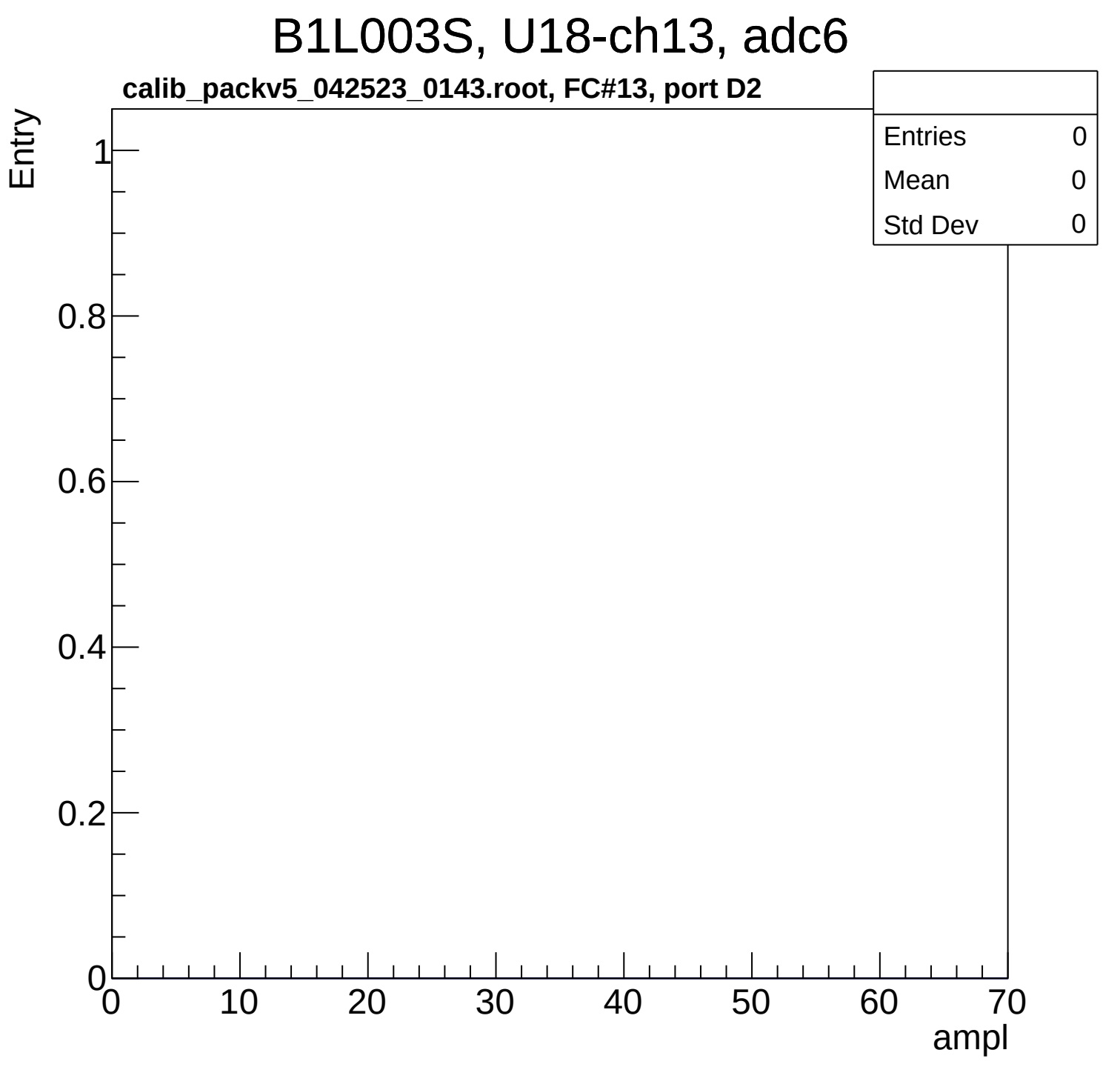

B1L003S, U18-ch13, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

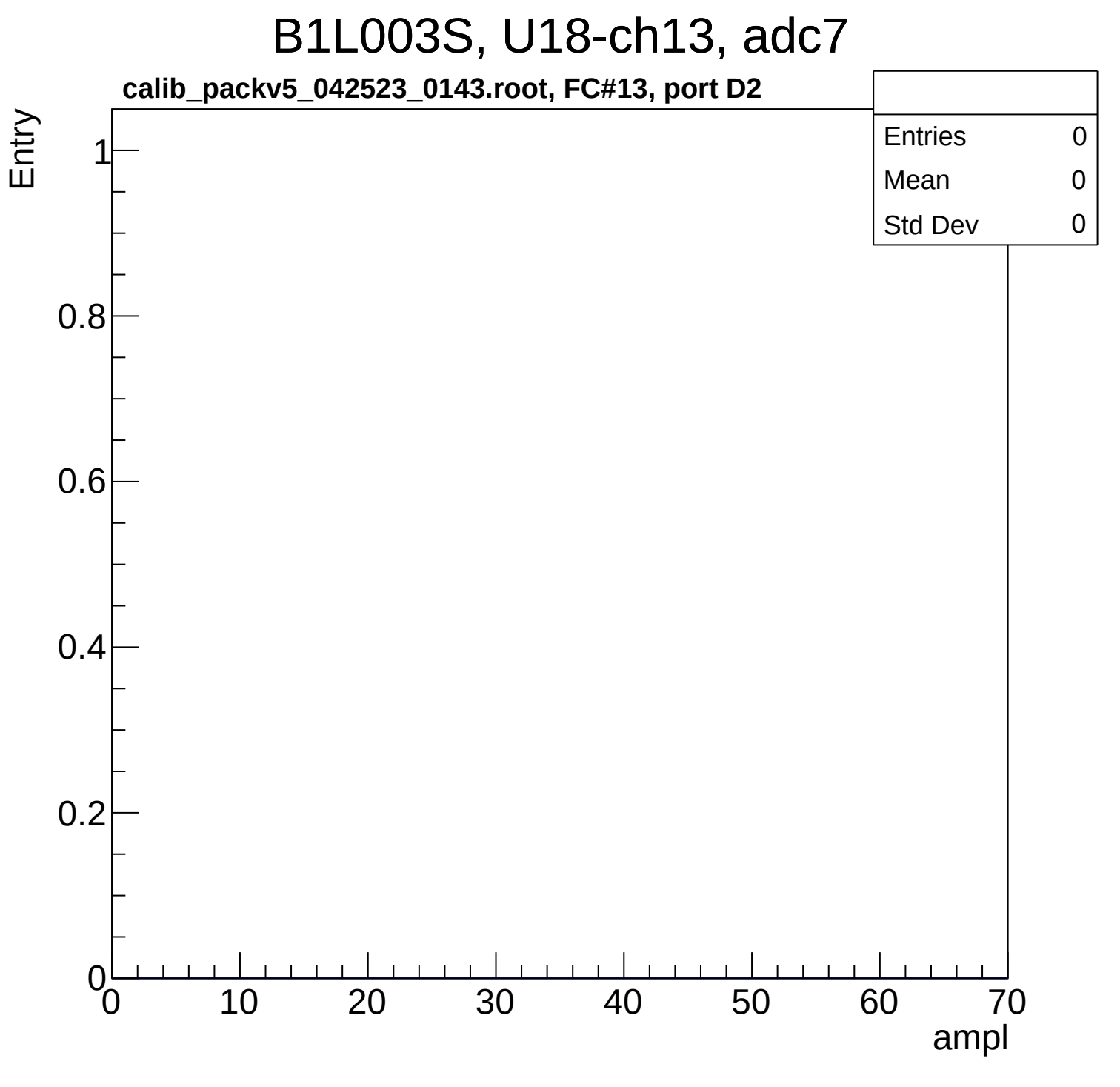

B1L003S, U18-ch13, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

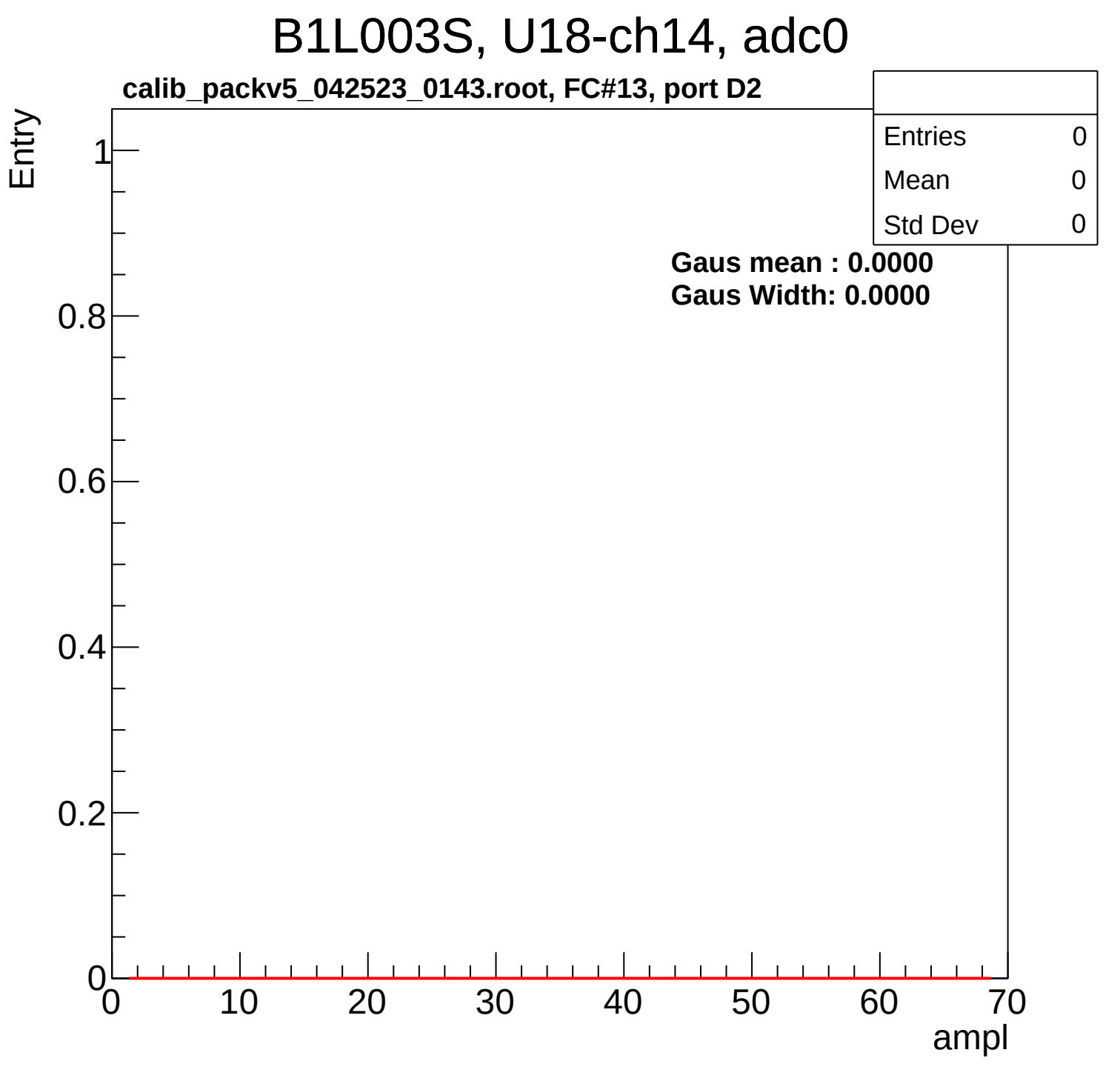

B1L003S, U18-ch13, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

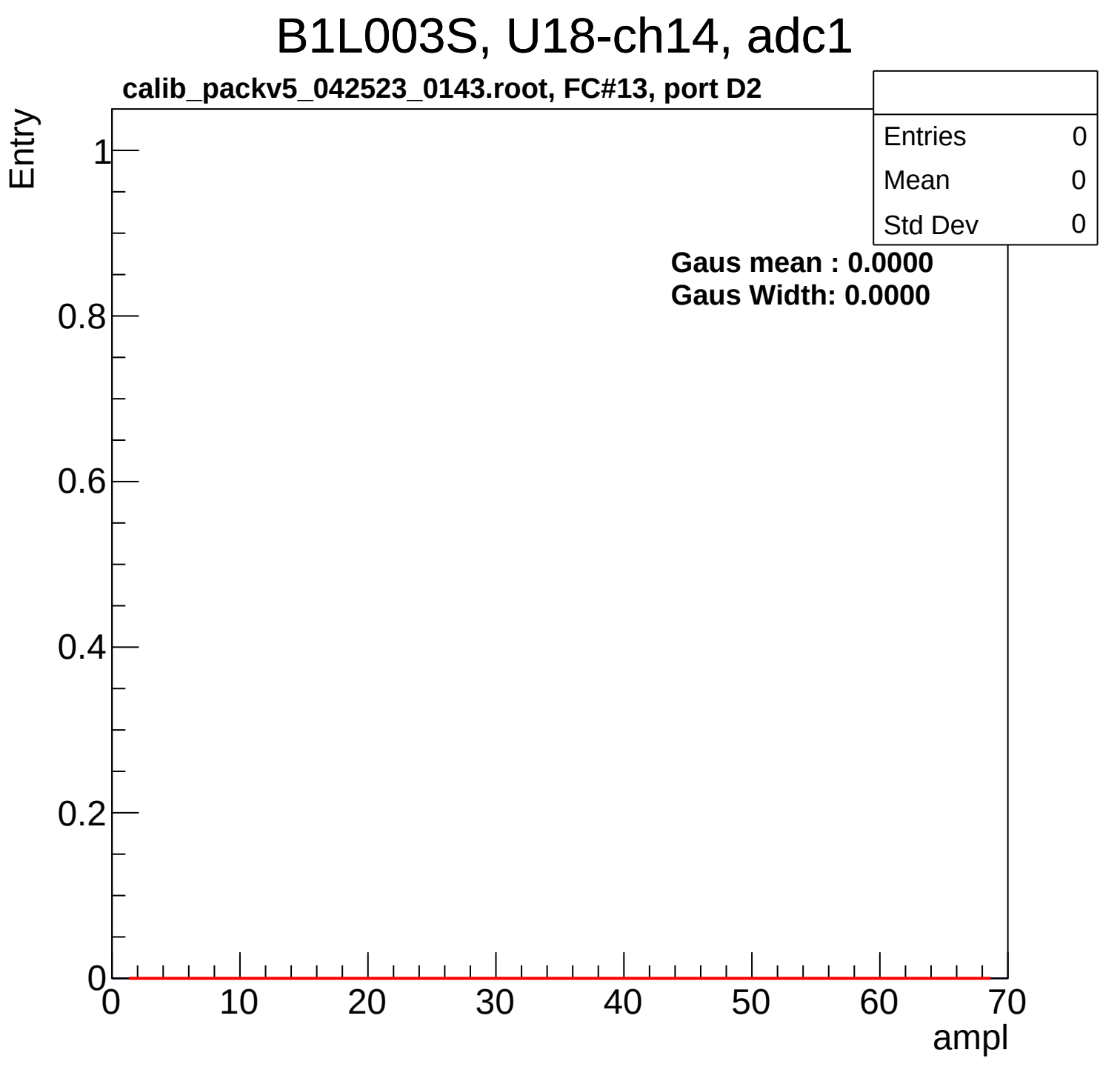

B1L003S, U18-ch13, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

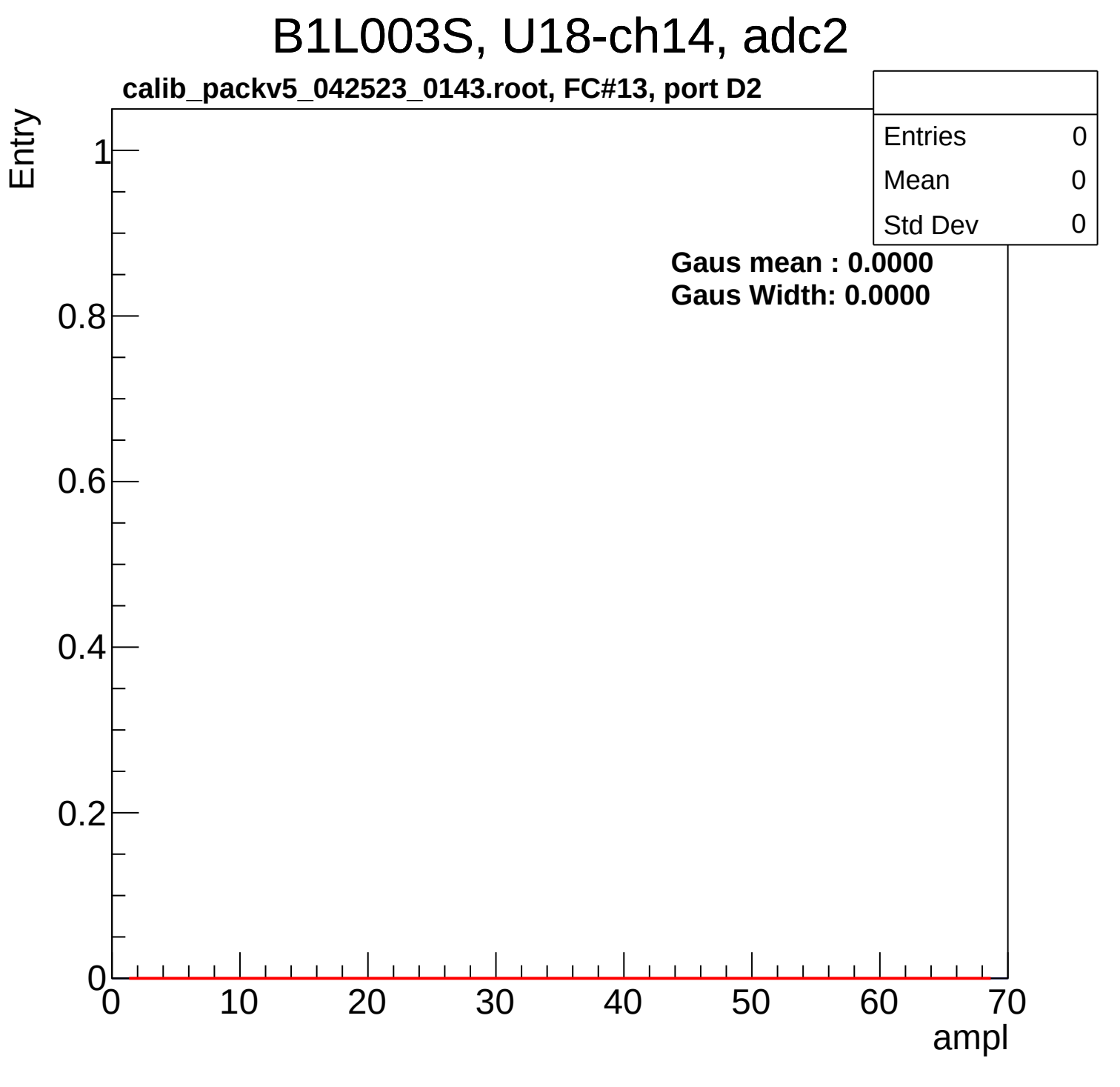

B1L003S, U18-ch13, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

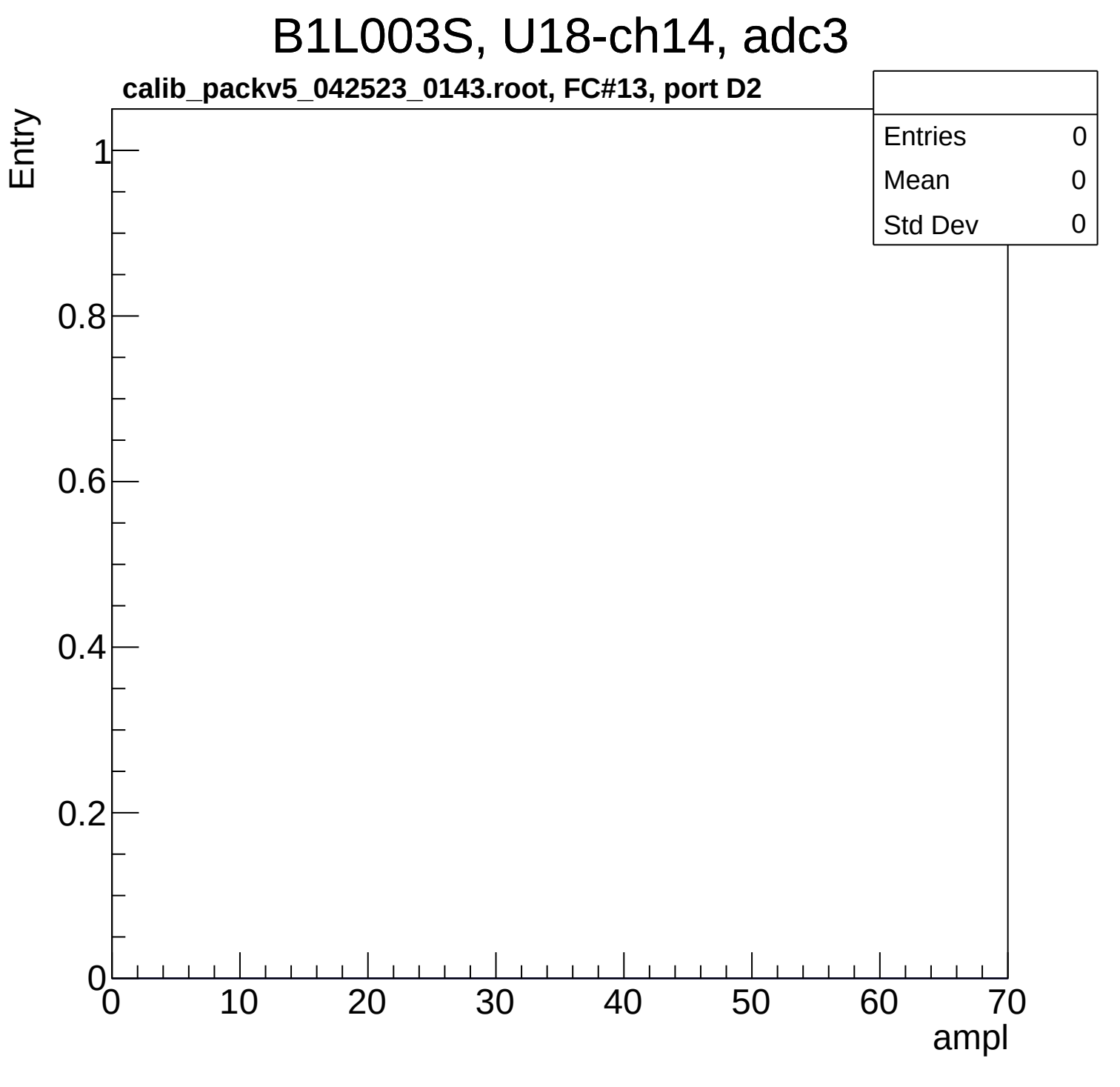

B1L003S, U18-ch13, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

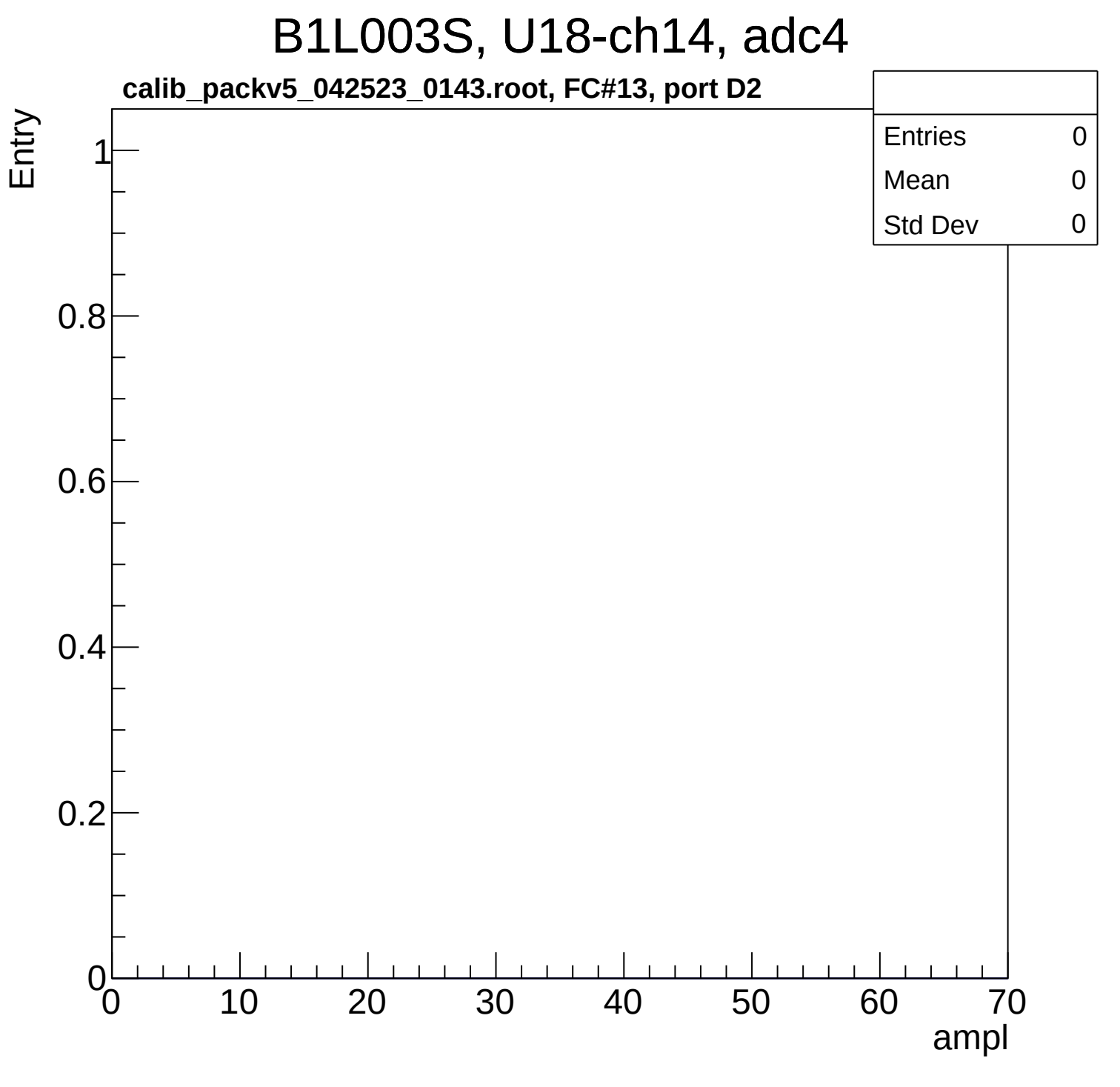

B1L003S, U18-ch13, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

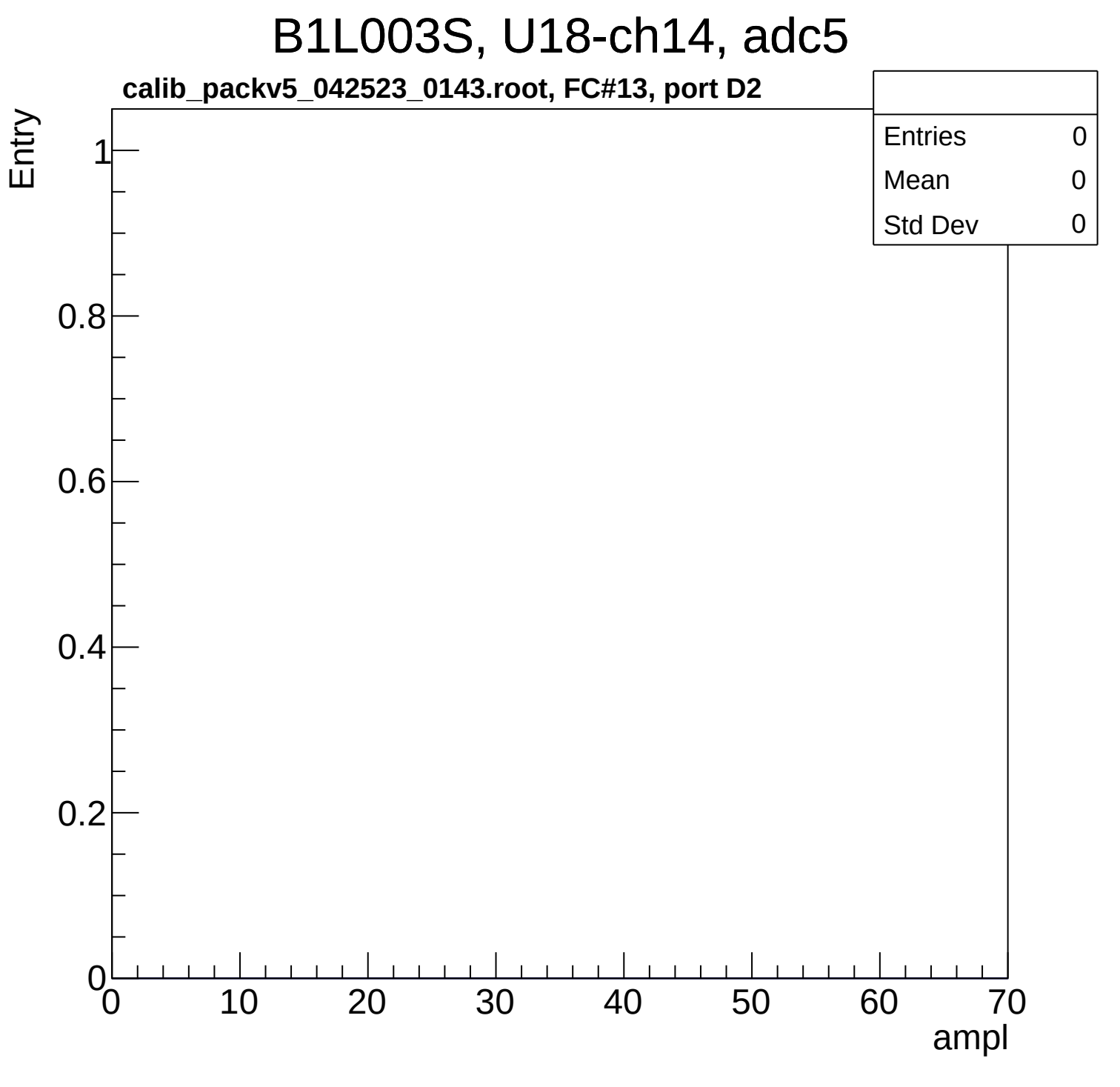

B1L003S, U18-ch14, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

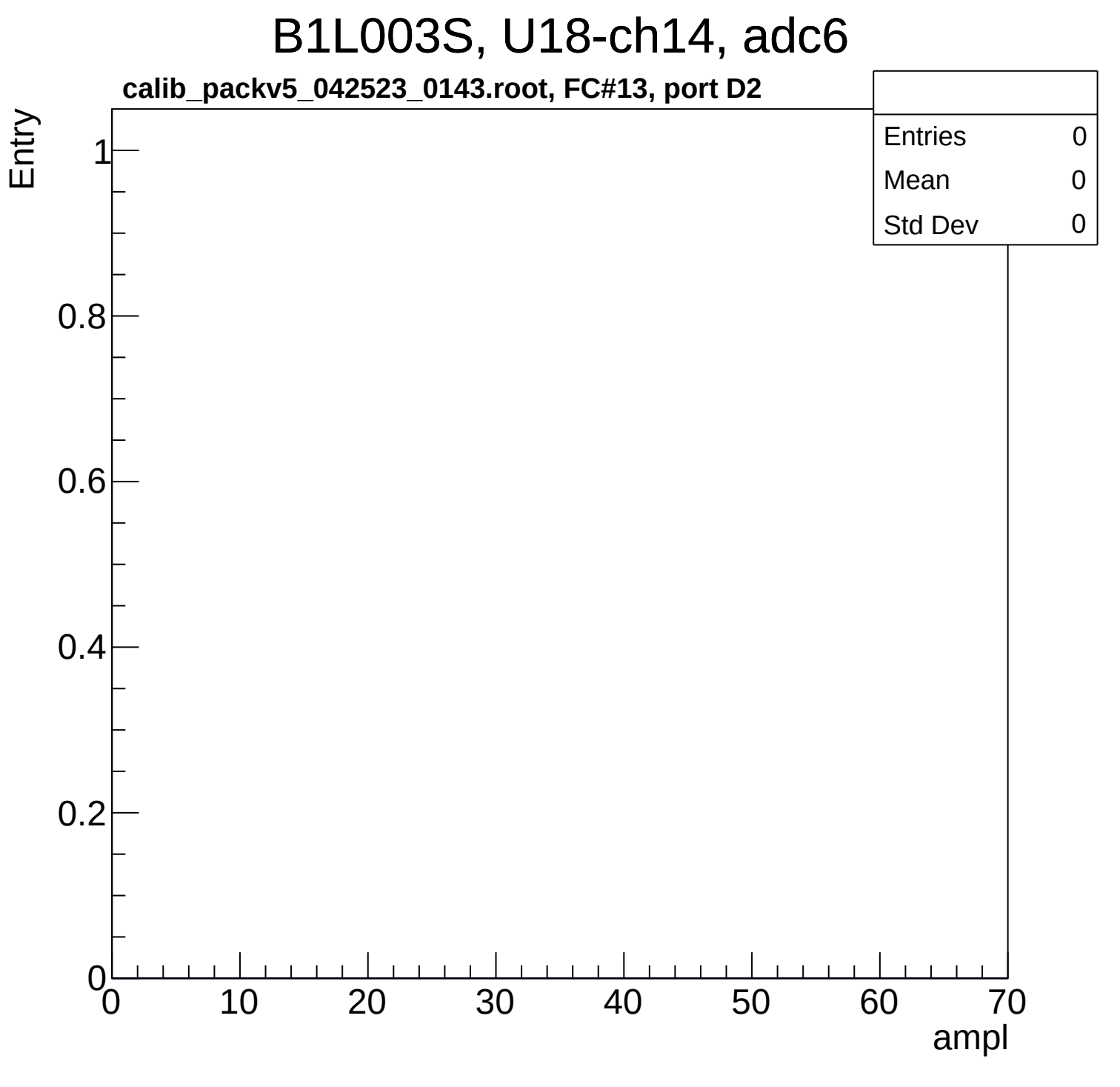

B1L003S, U18-ch14, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

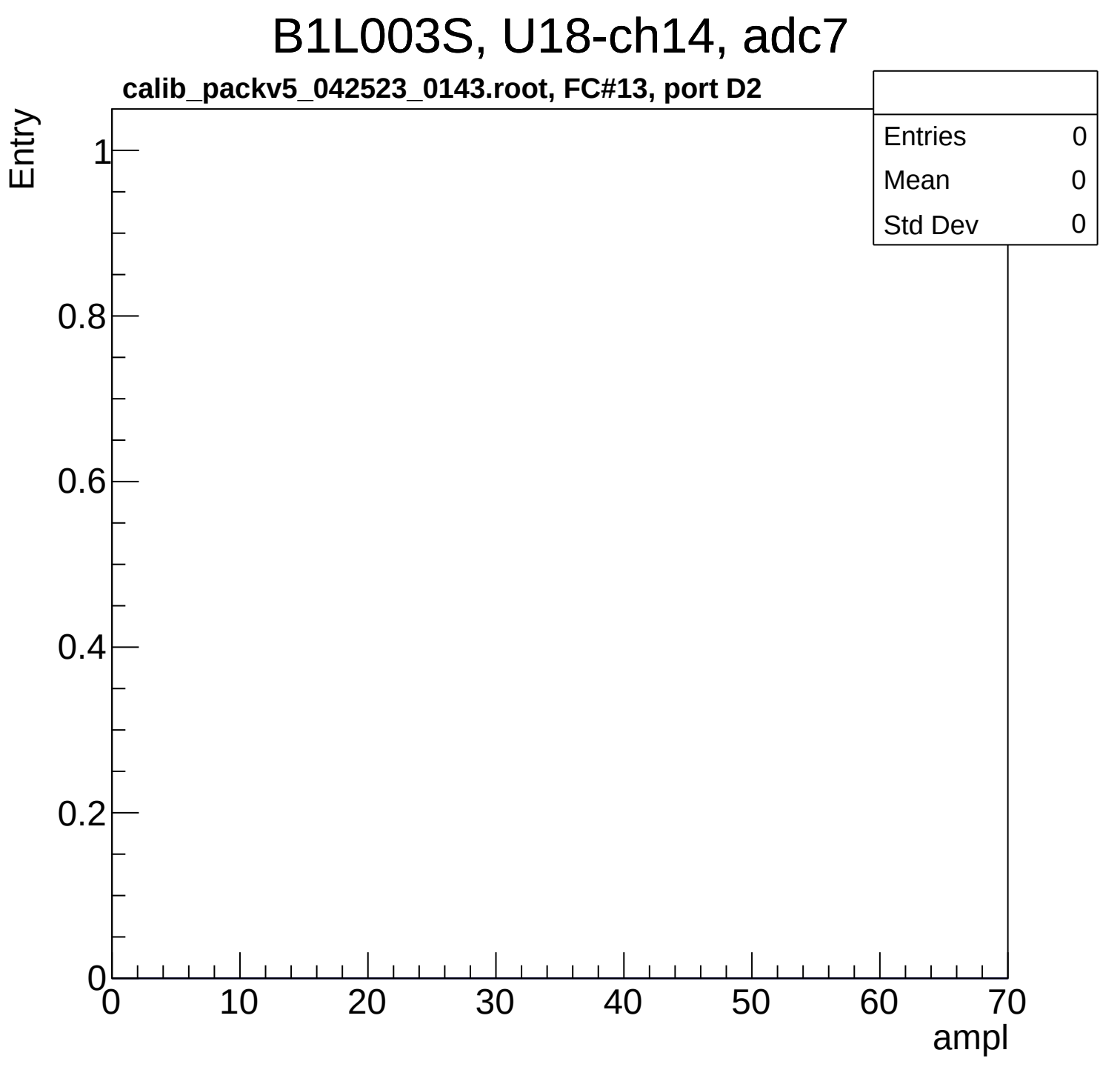

B1L003S, U18-ch14, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

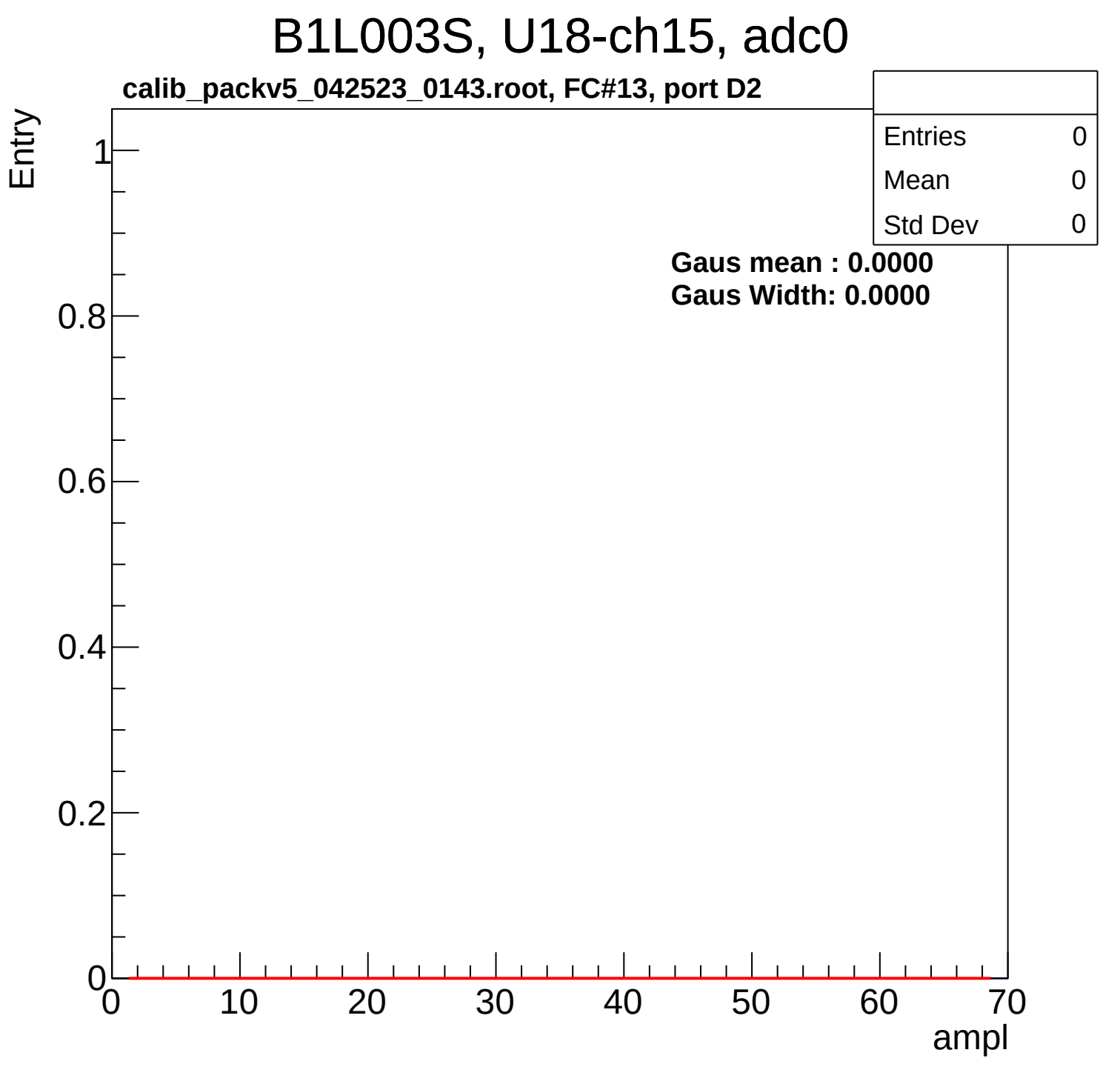

B1L003S, U18-ch14, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

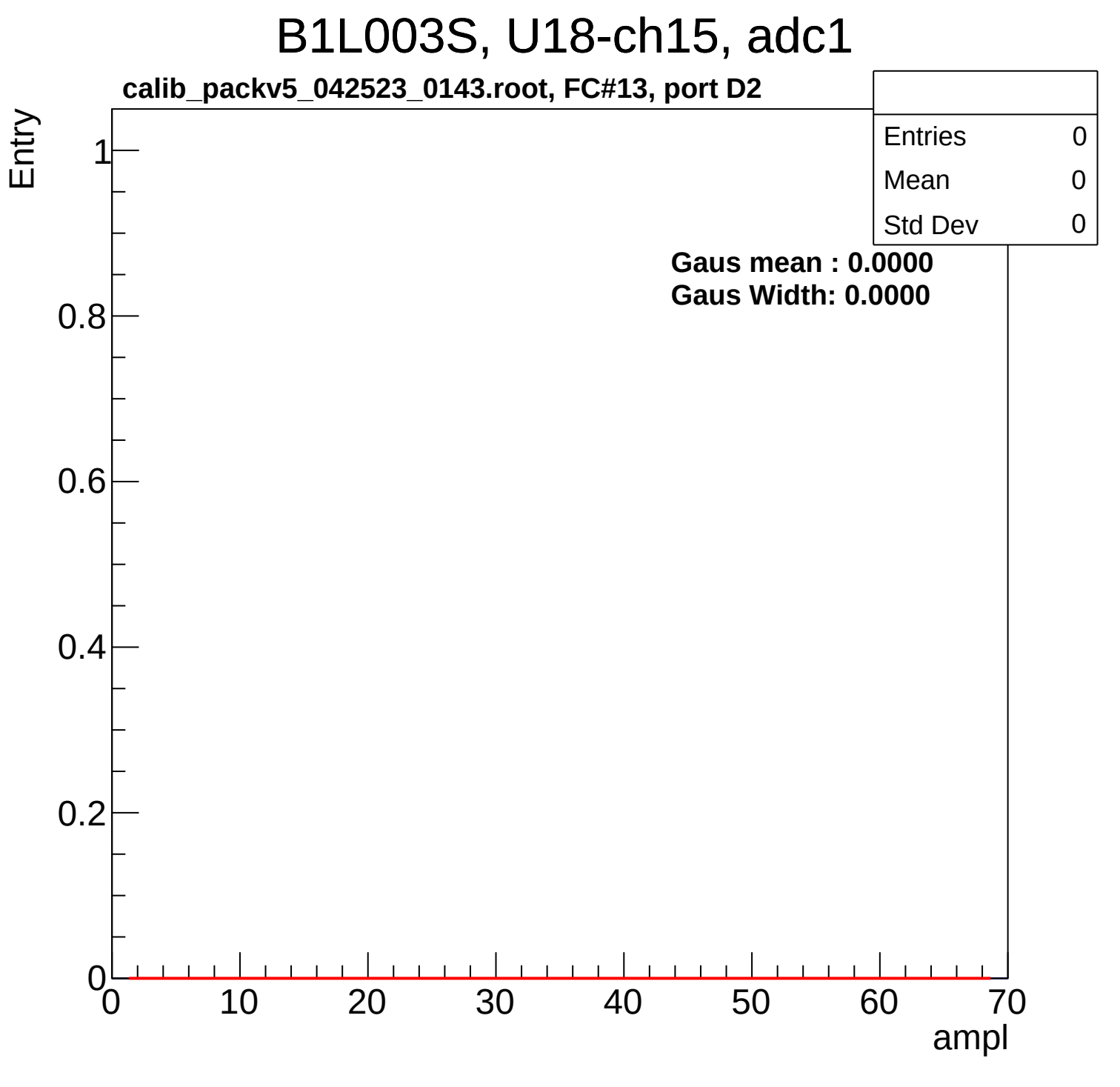

B1L003S, U18-ch14, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

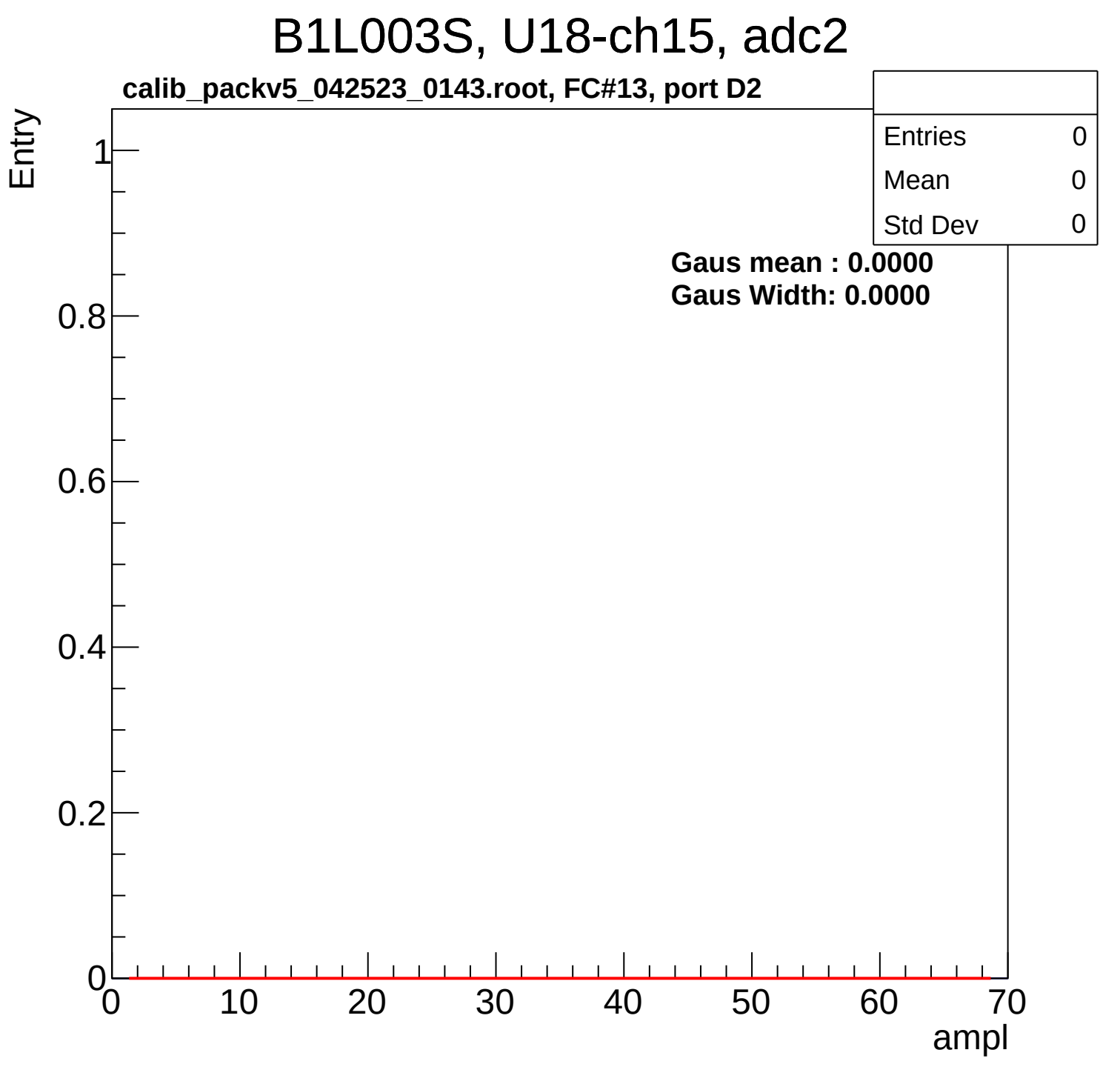

B1L003S, U18-ch14, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

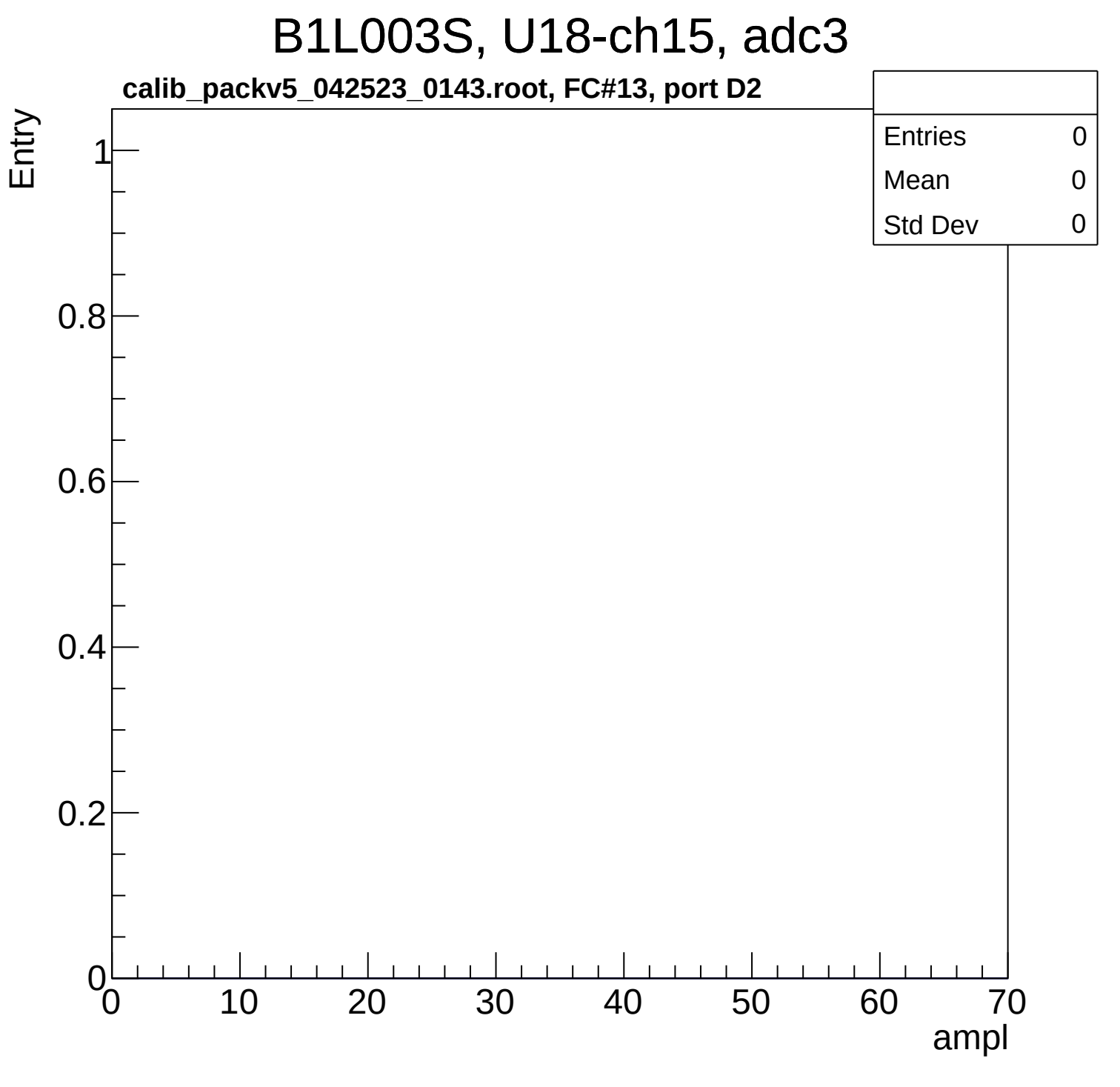

B1L003S, U18-ch14, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

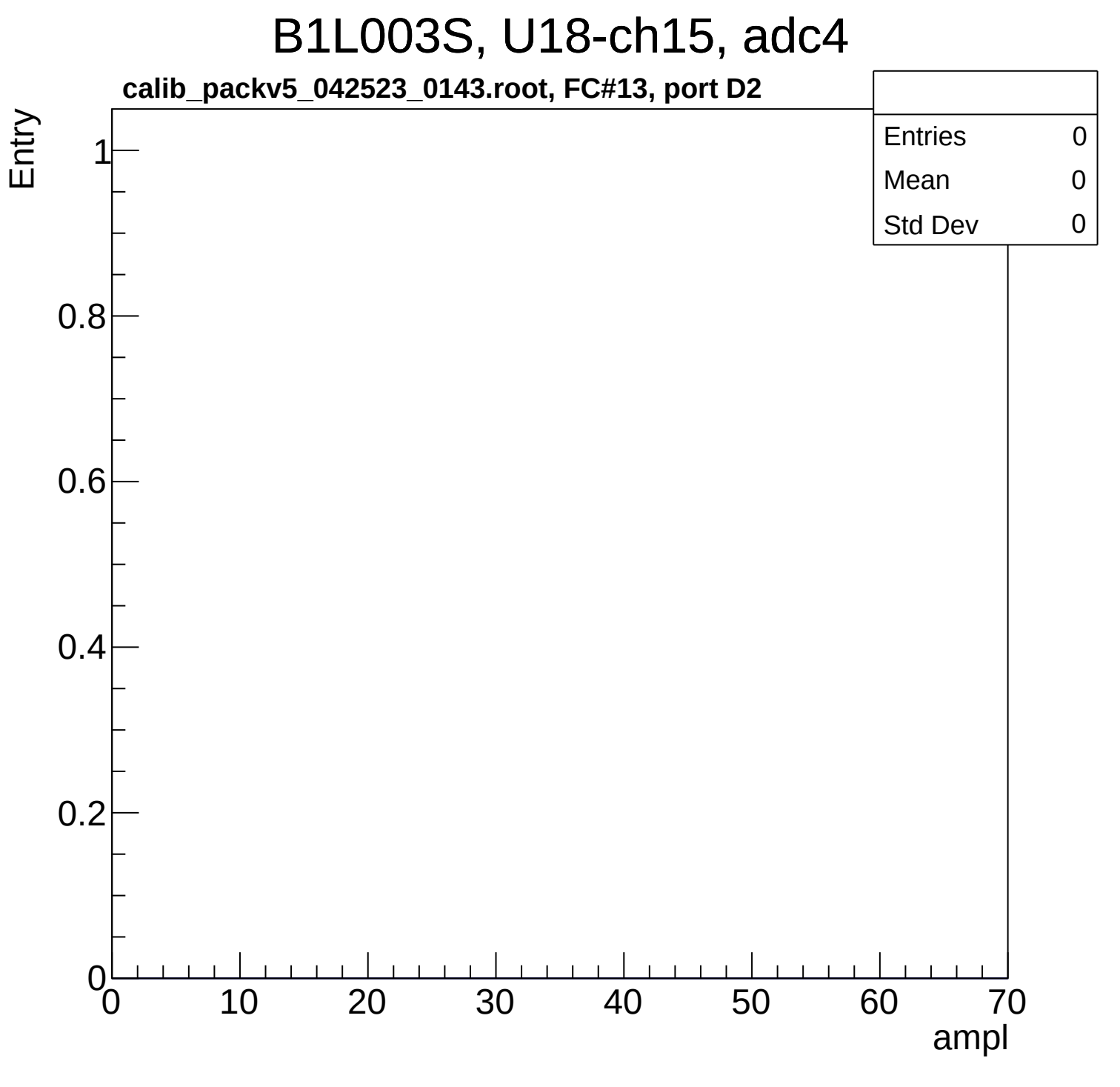

B1L003S, U18-ch14, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

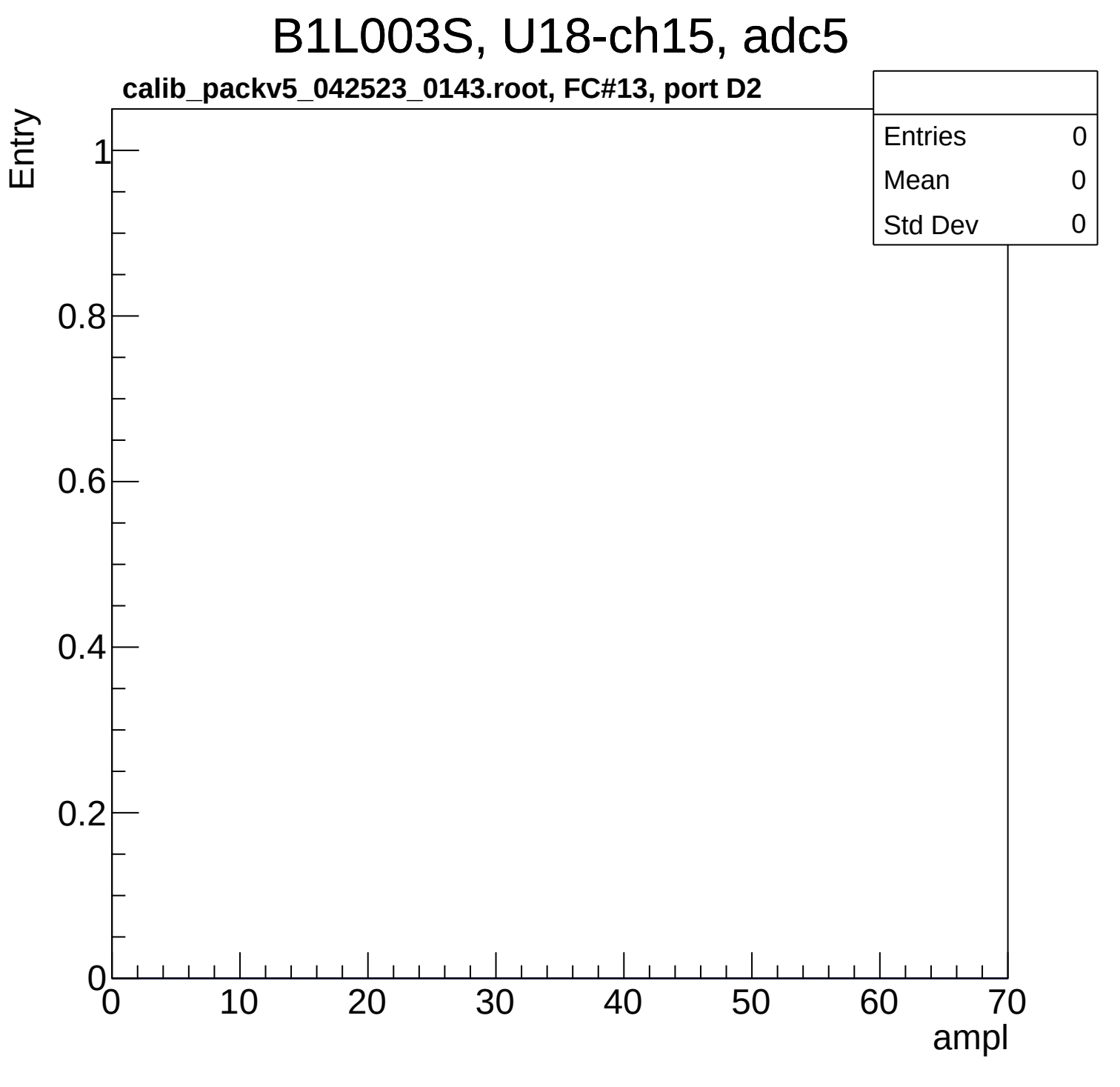

B1L003S, U18-ch15, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

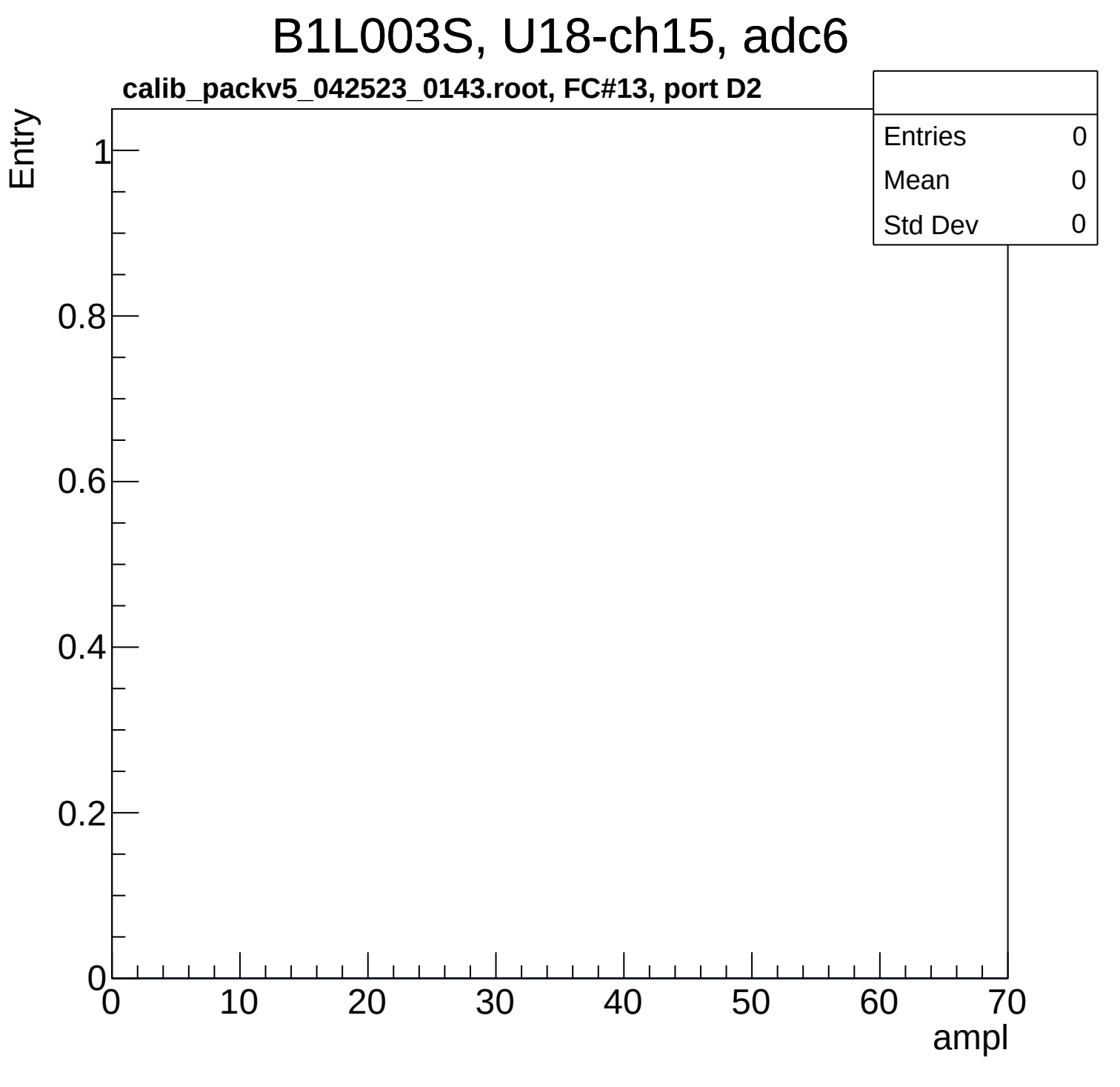

B1L003S, U18-ch15, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

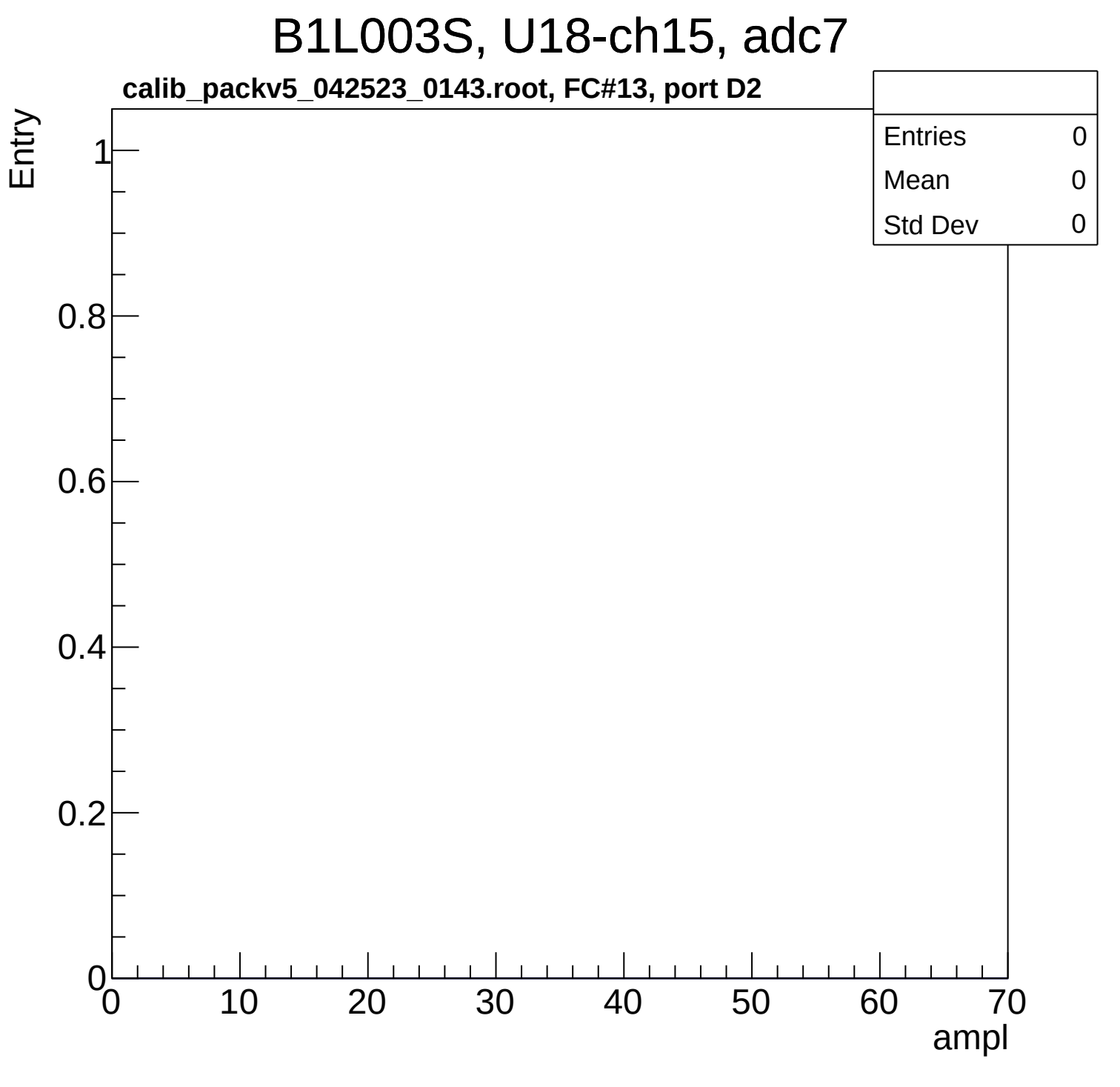

B1L003S, U18-ch15, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

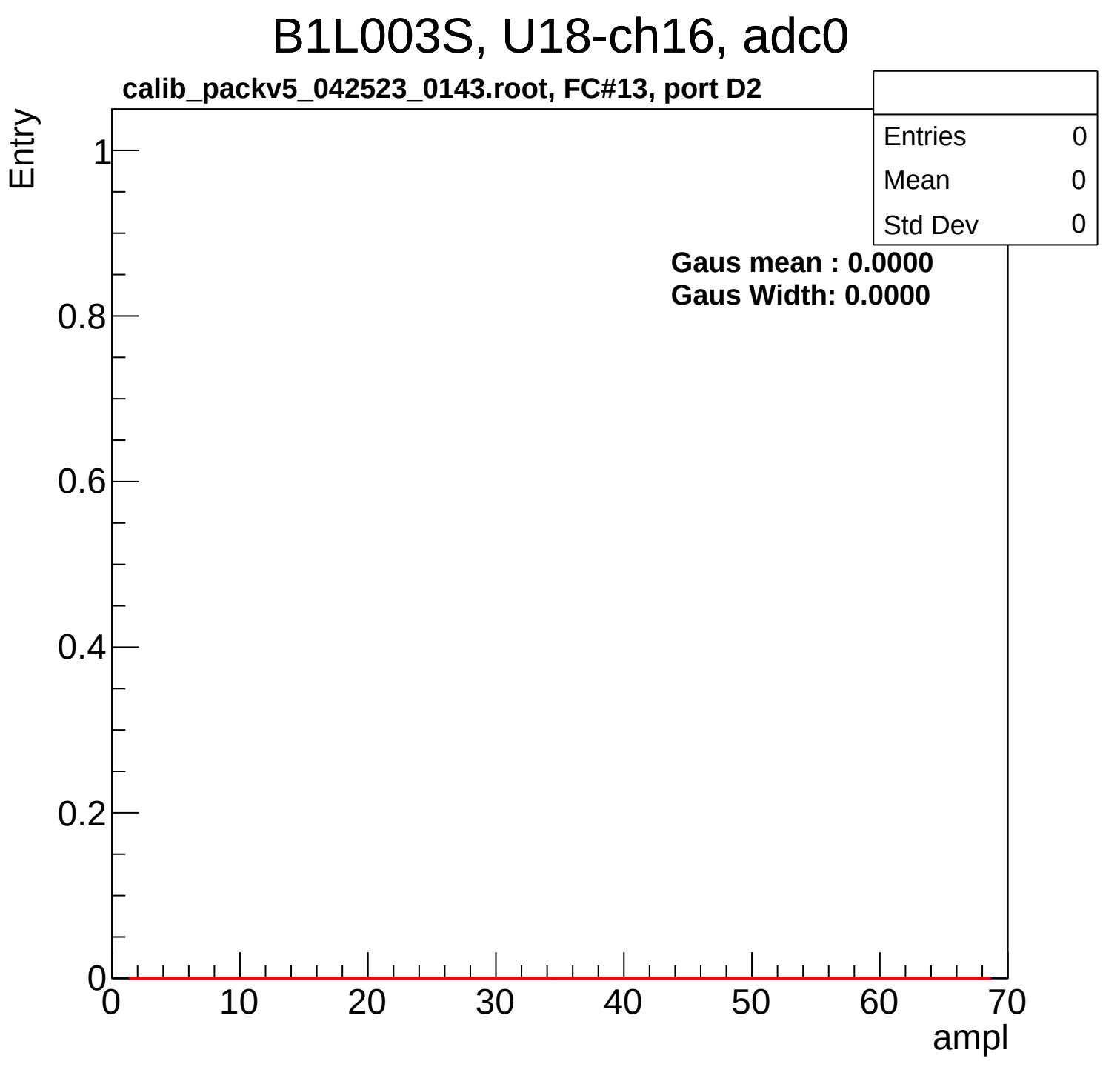

B1L003S, U18-ch15, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

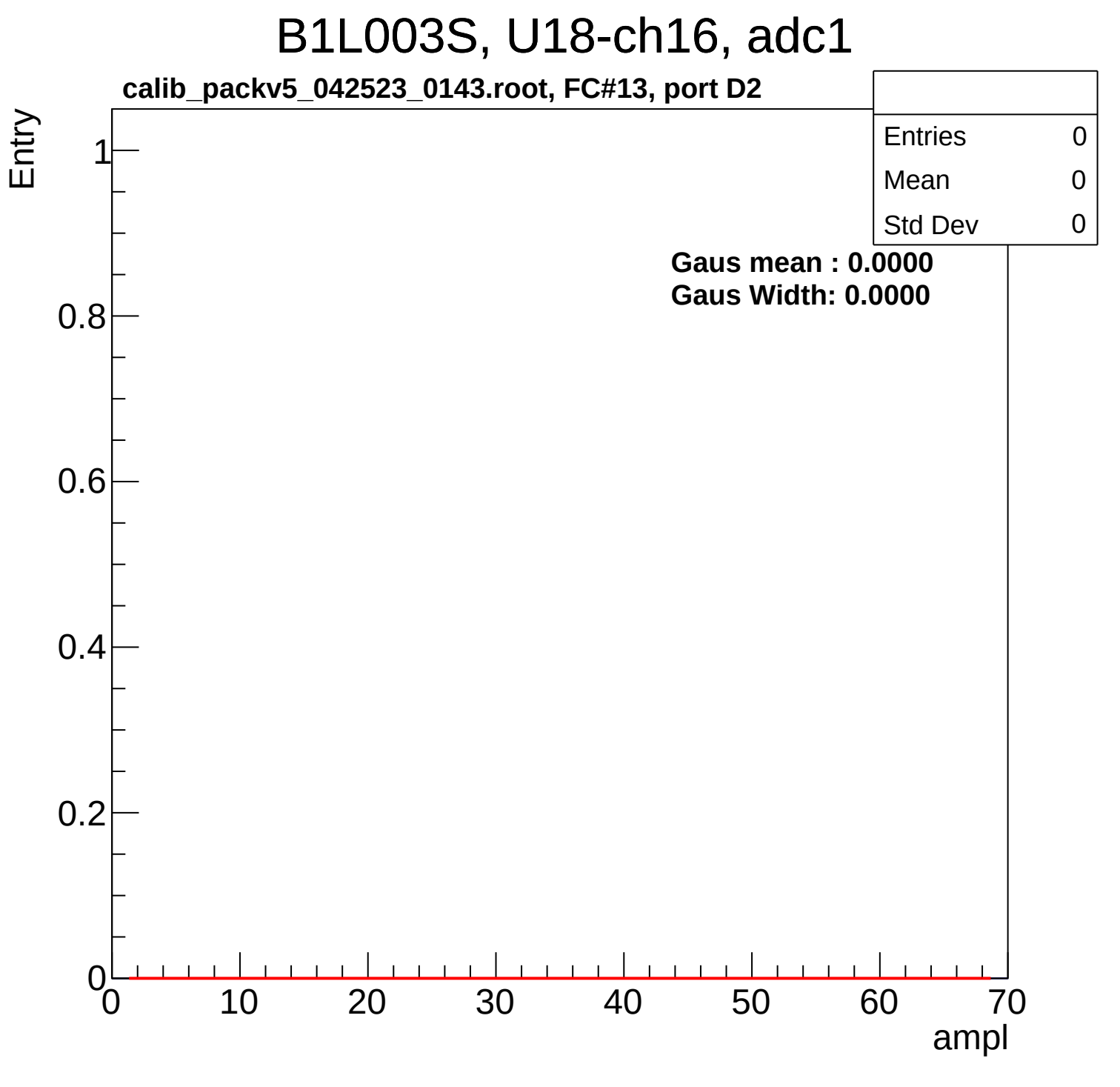

B1L003S, U18-ch15, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

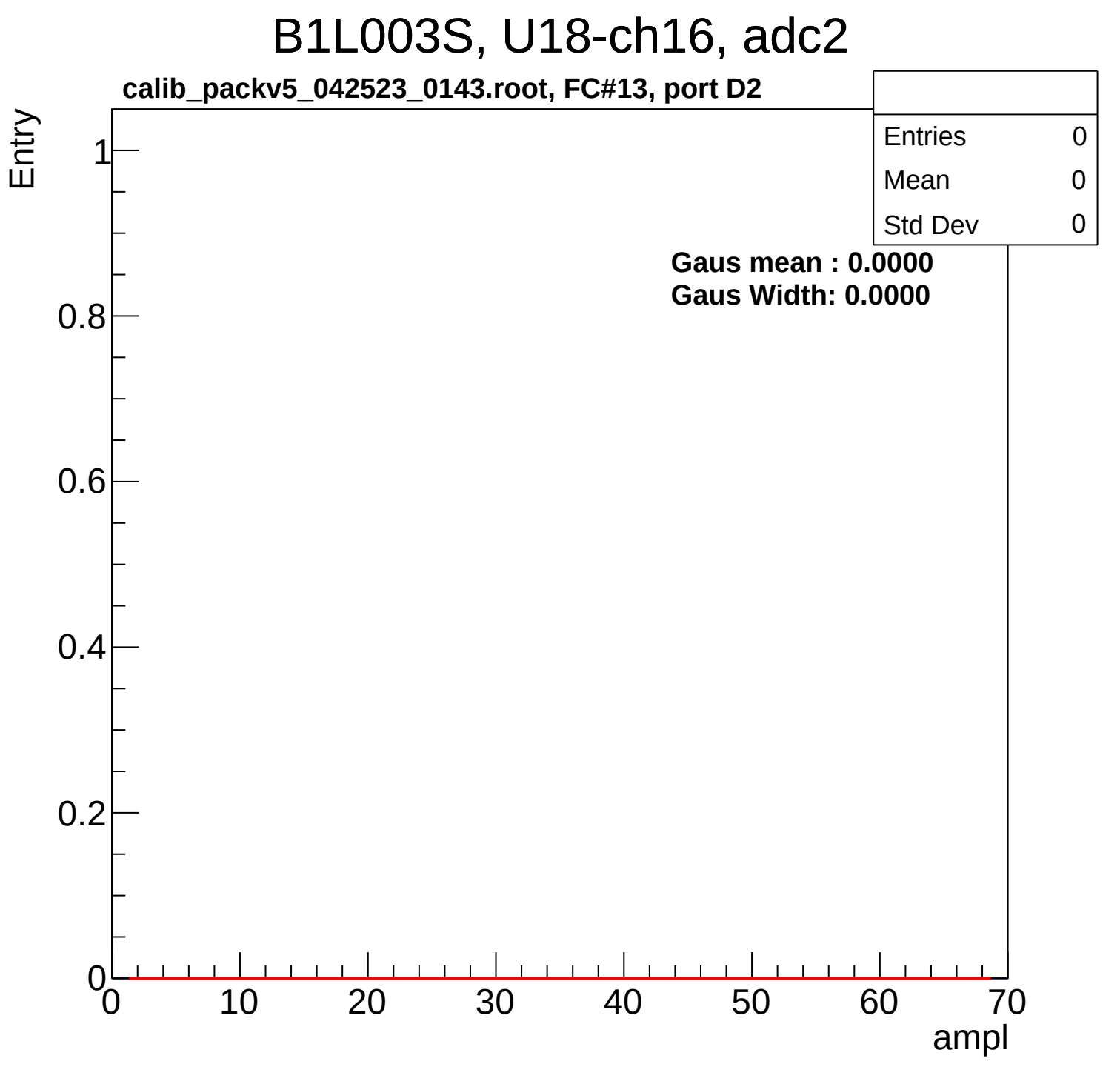

B1L003S, U18-ch15, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

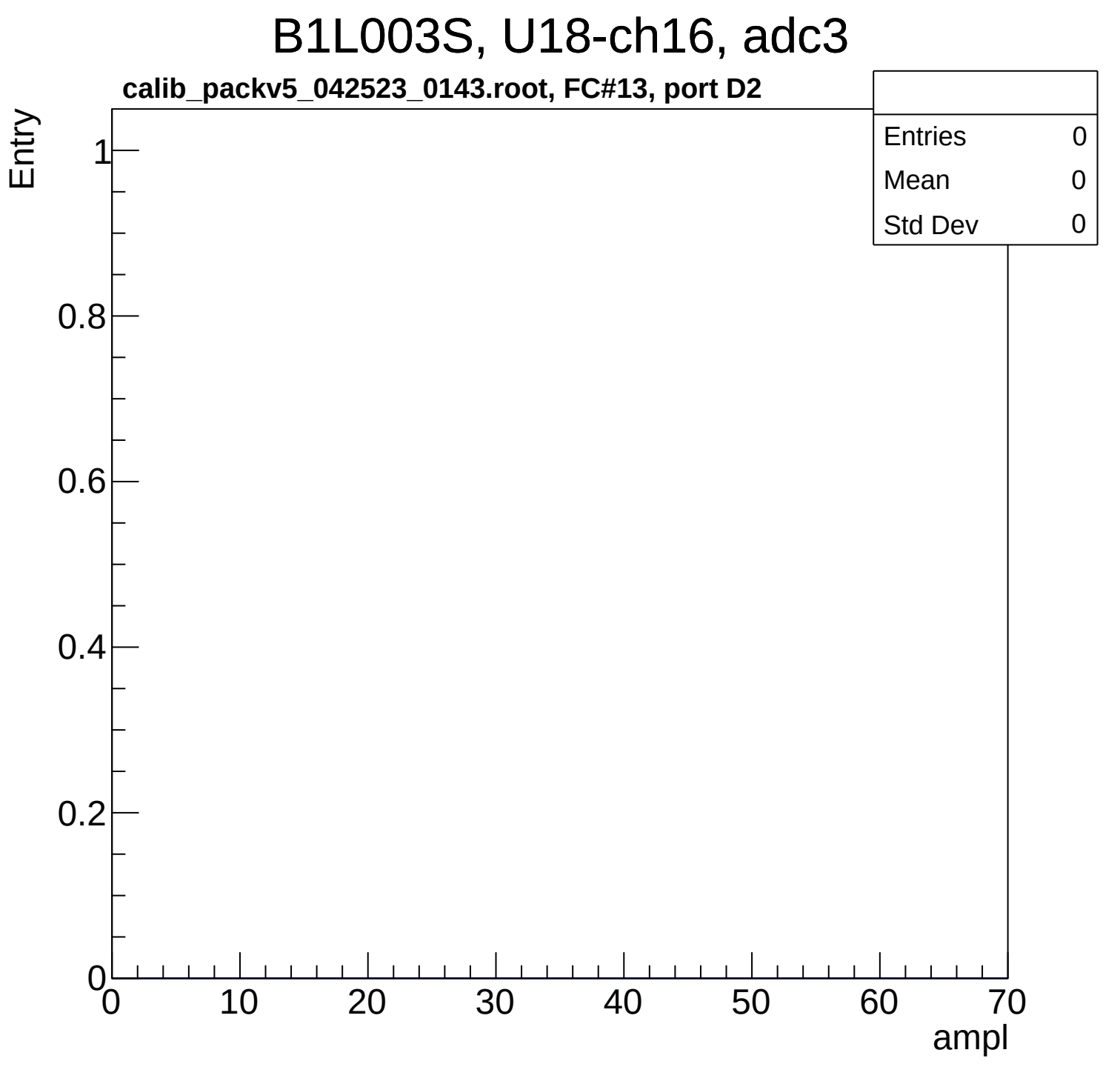

B1L003S, U18-ch15, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

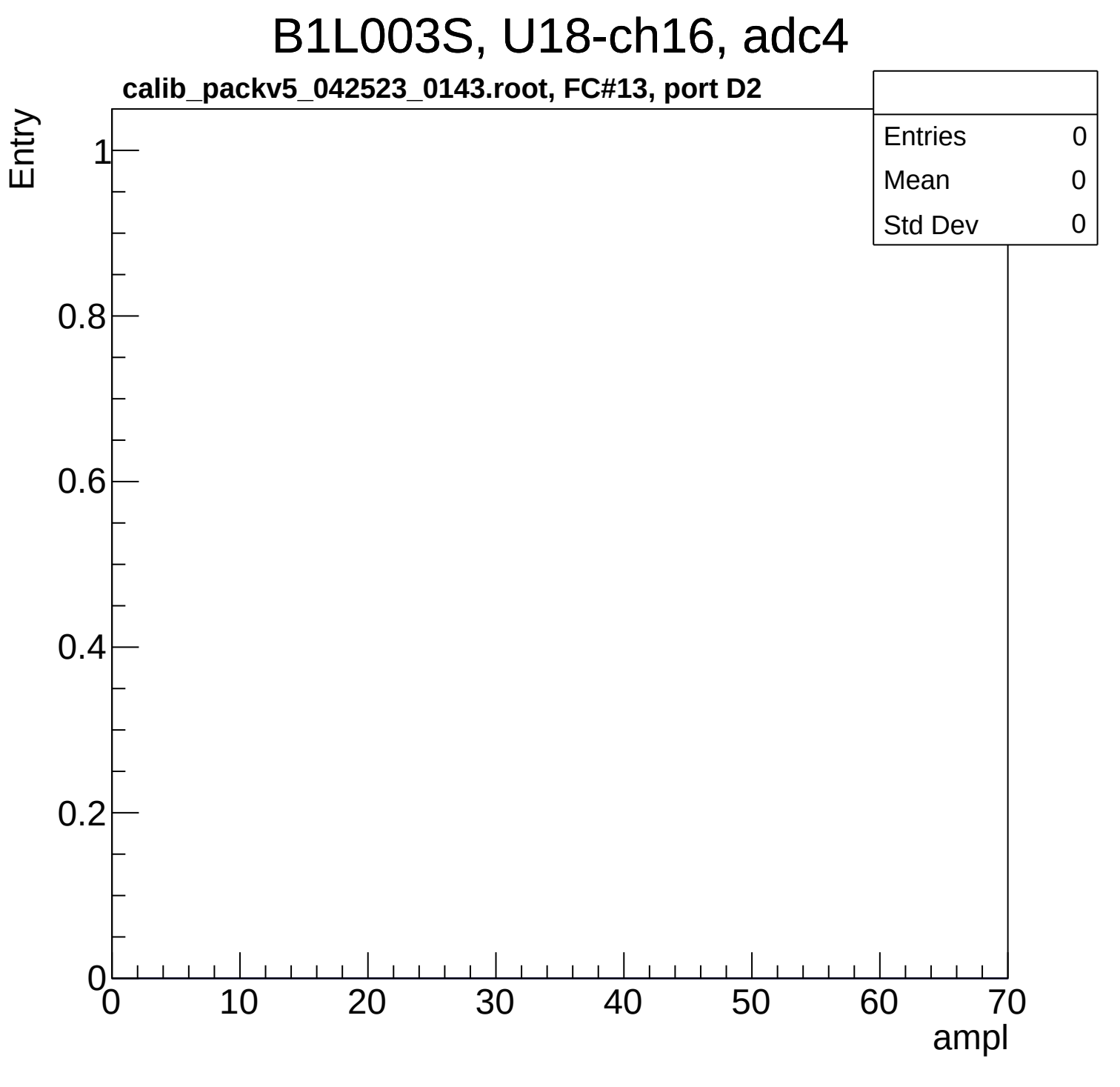

B1L003S, U18-ch15, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

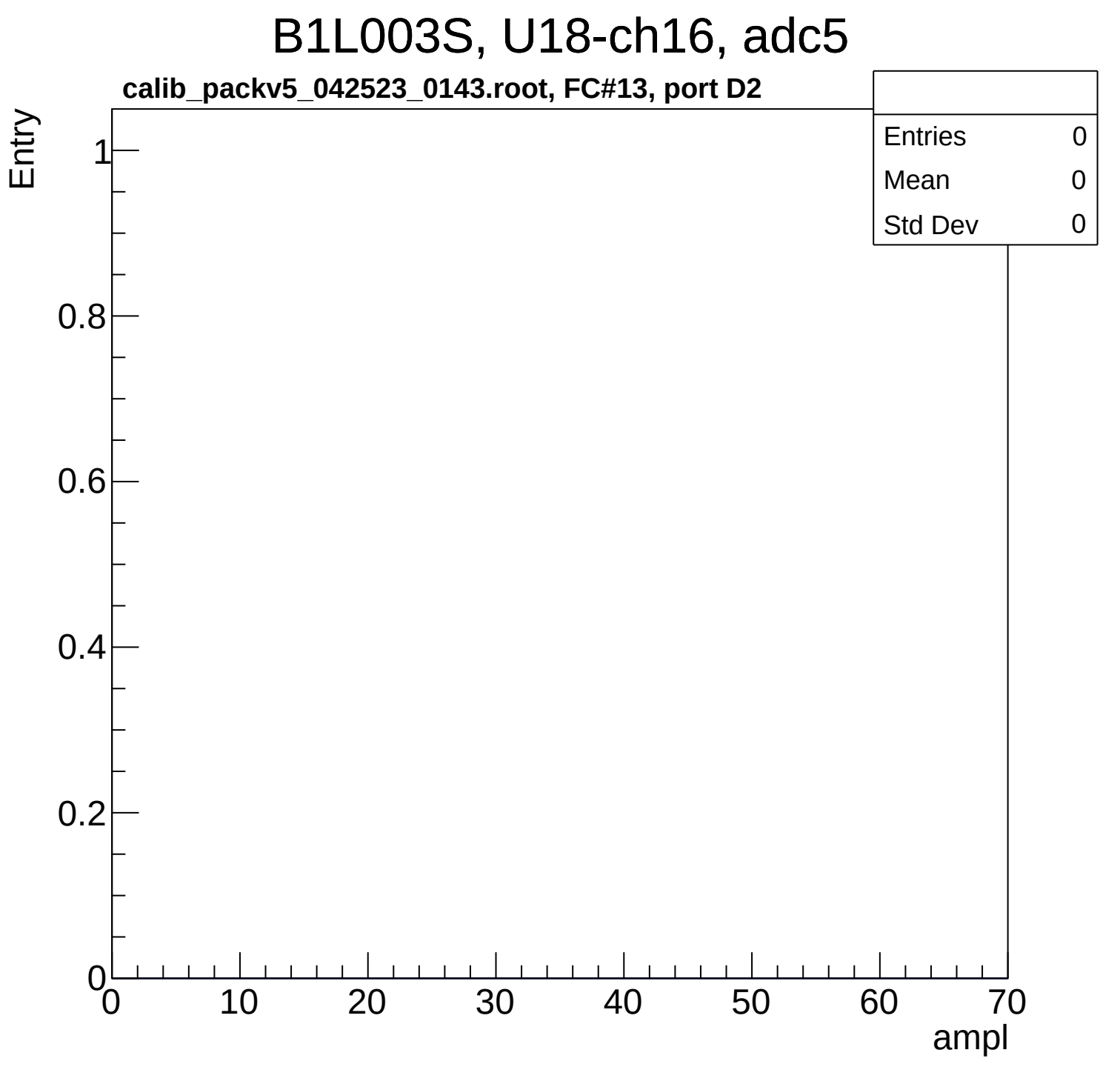

B1L003S, U18-ch16, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

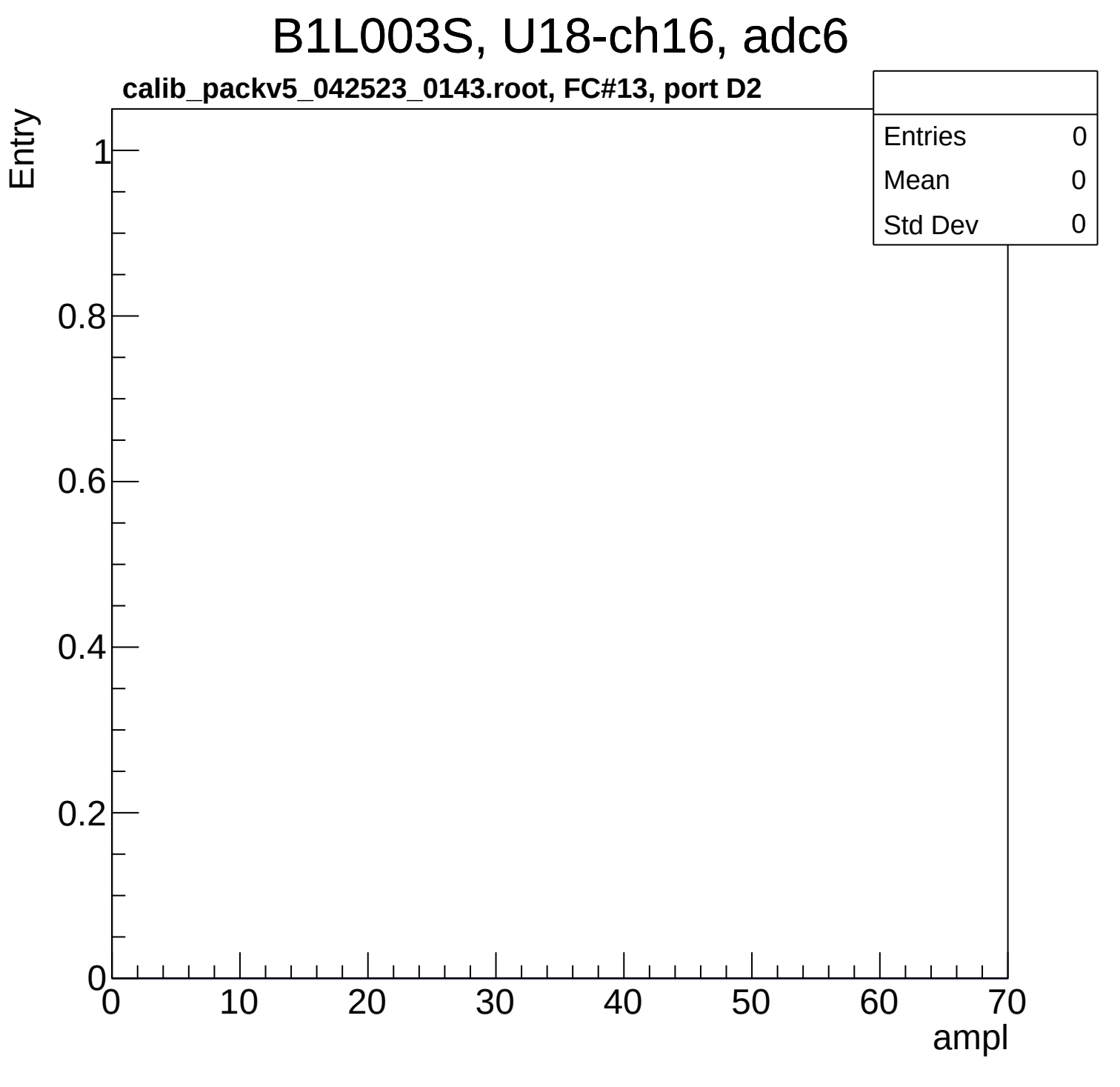

B1L003S, U18-ch16, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

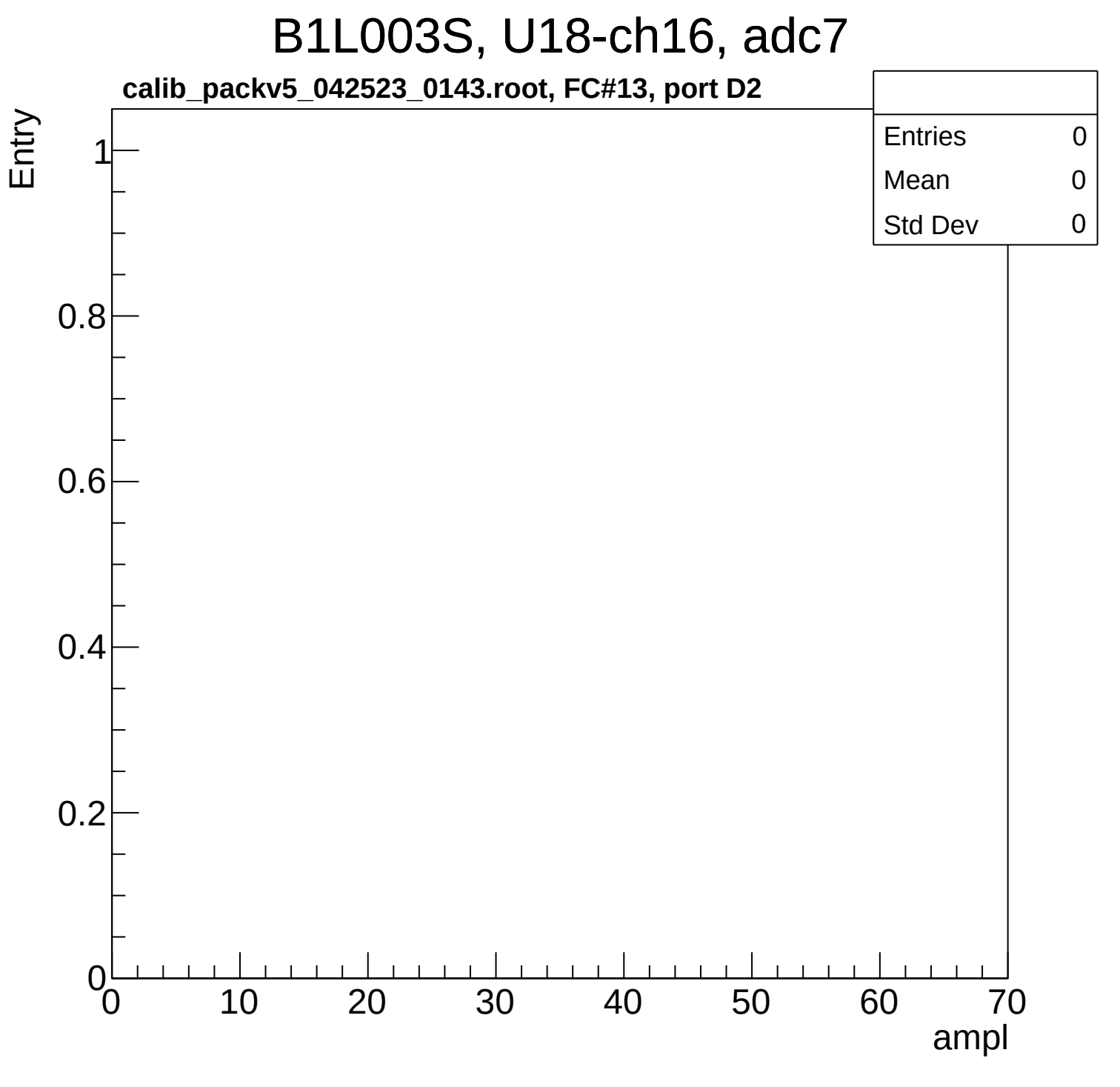

B1L003S, U18-ch16, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

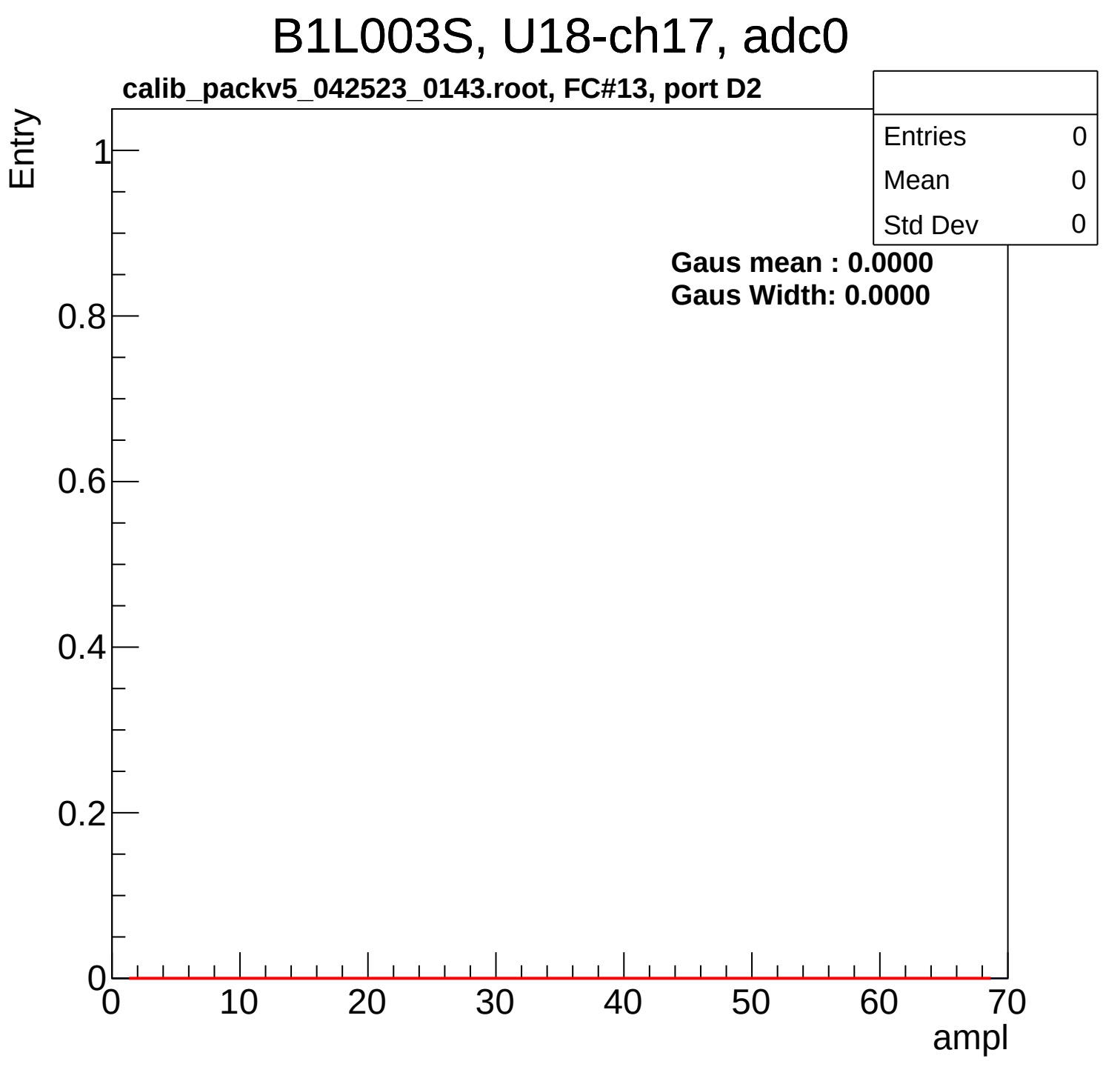

B1L003S, U18-ch16, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

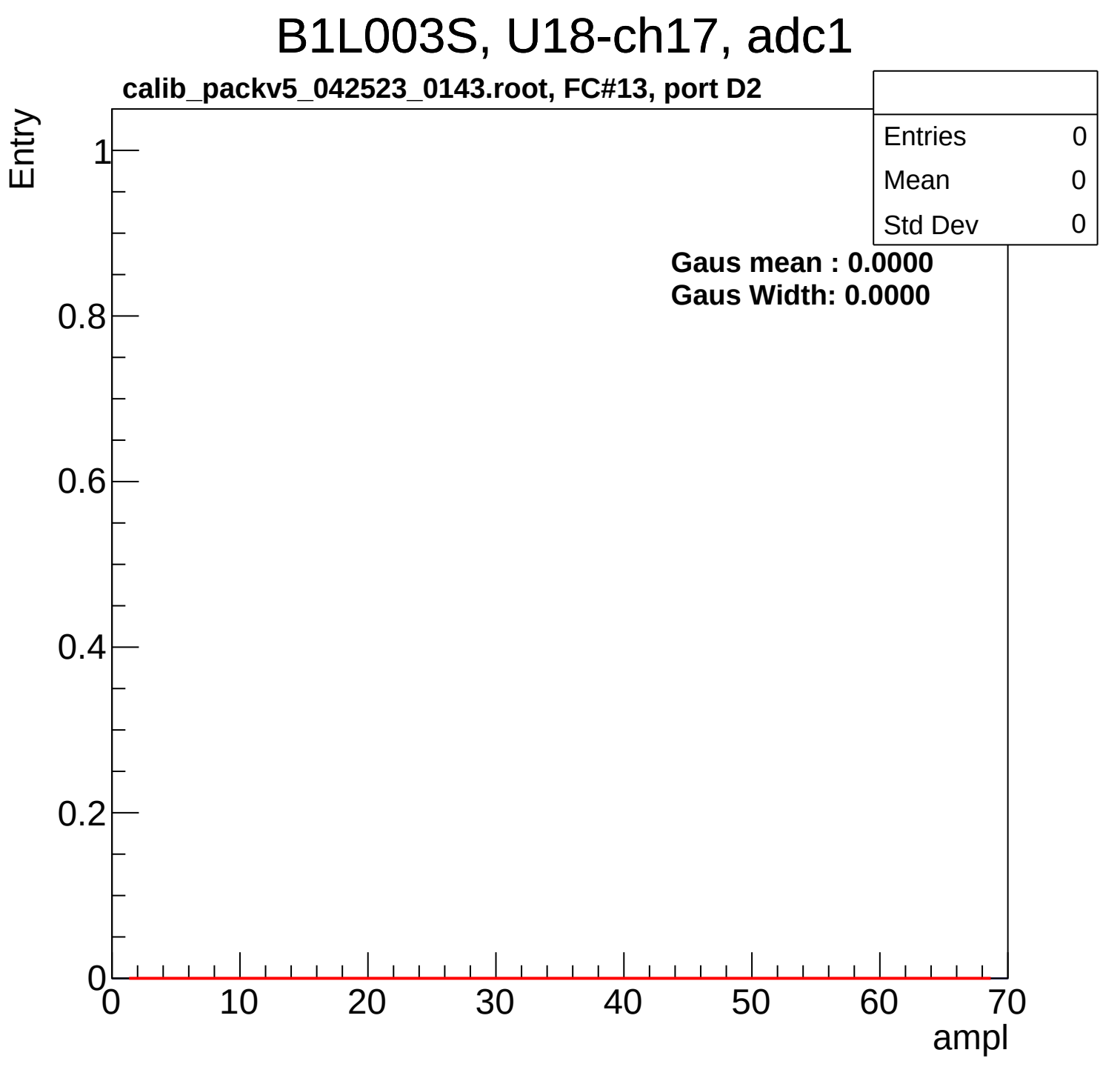

B1L003S, U18-ch16, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

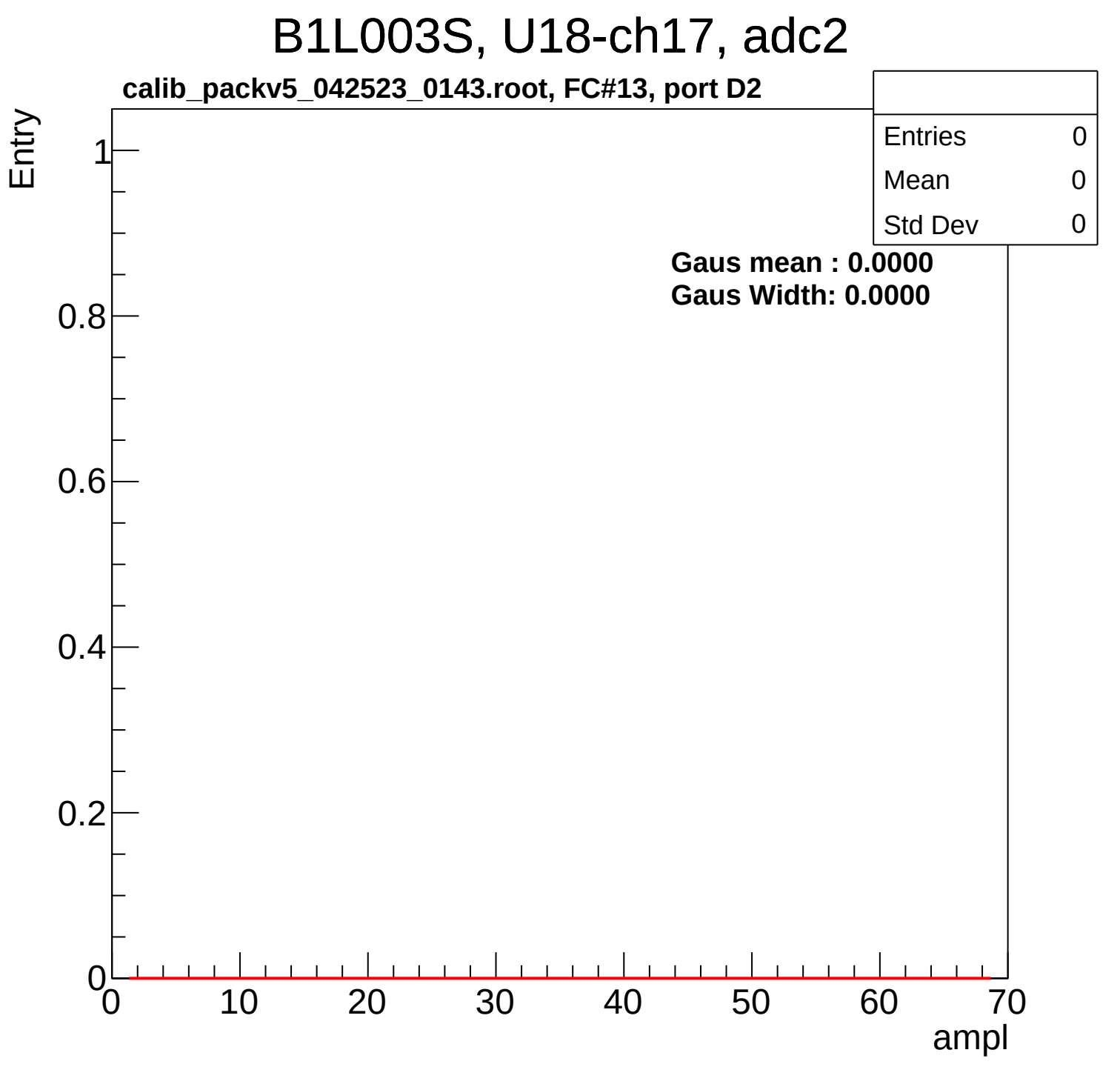

B1L003S, U18-ch16, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

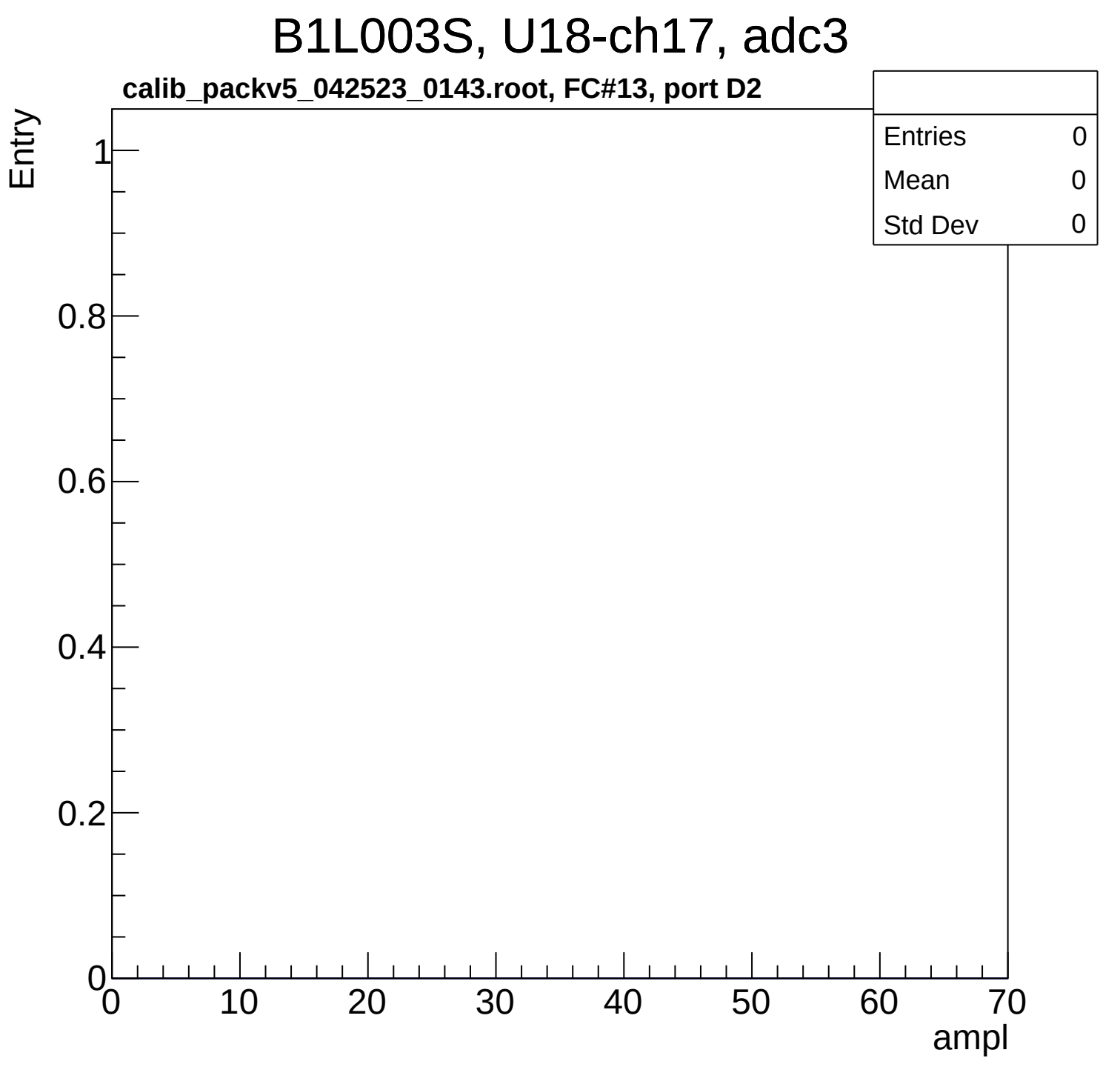

B1L003S, U18-ch16, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

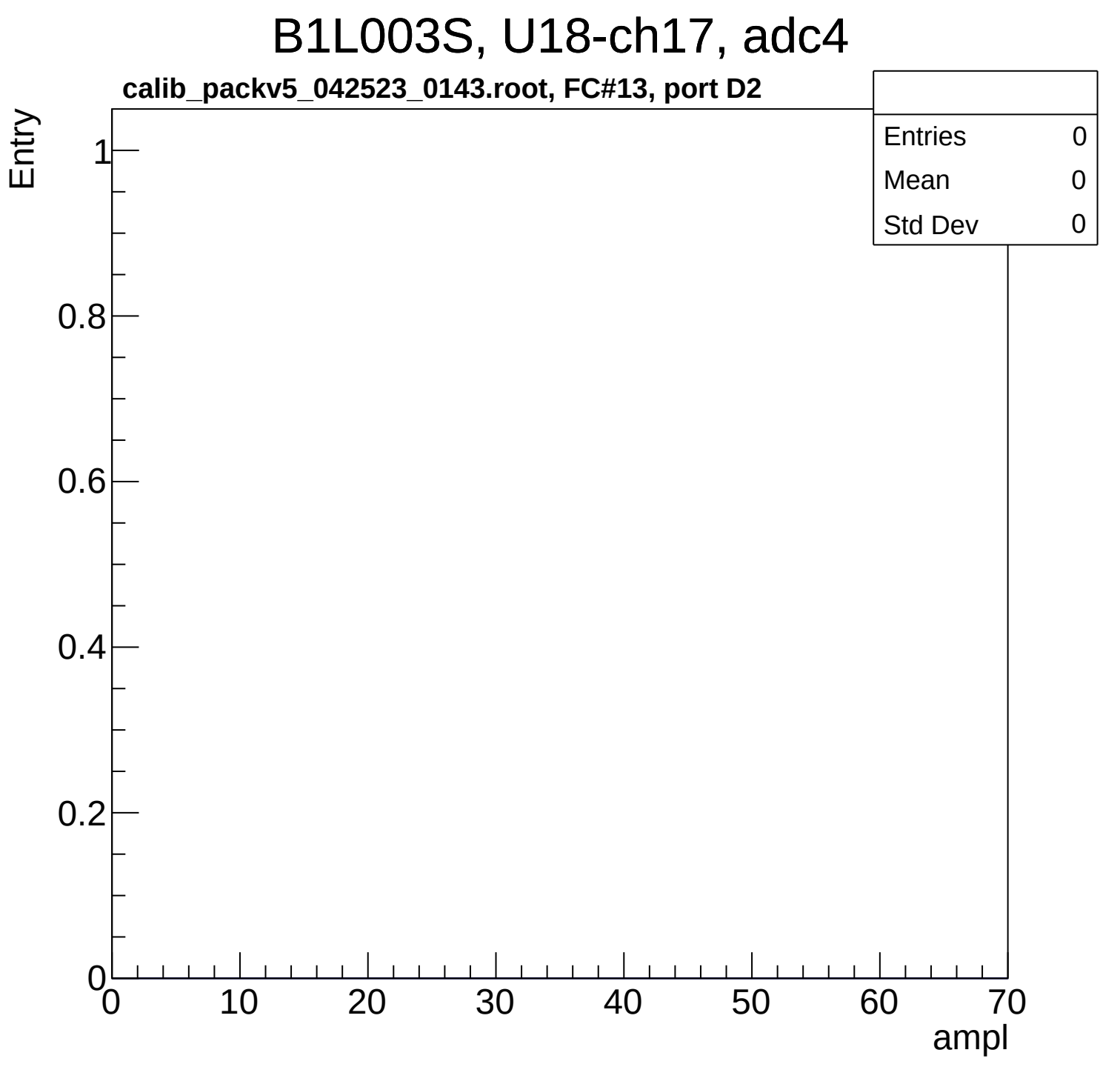

B1L003S, U18-ch16, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

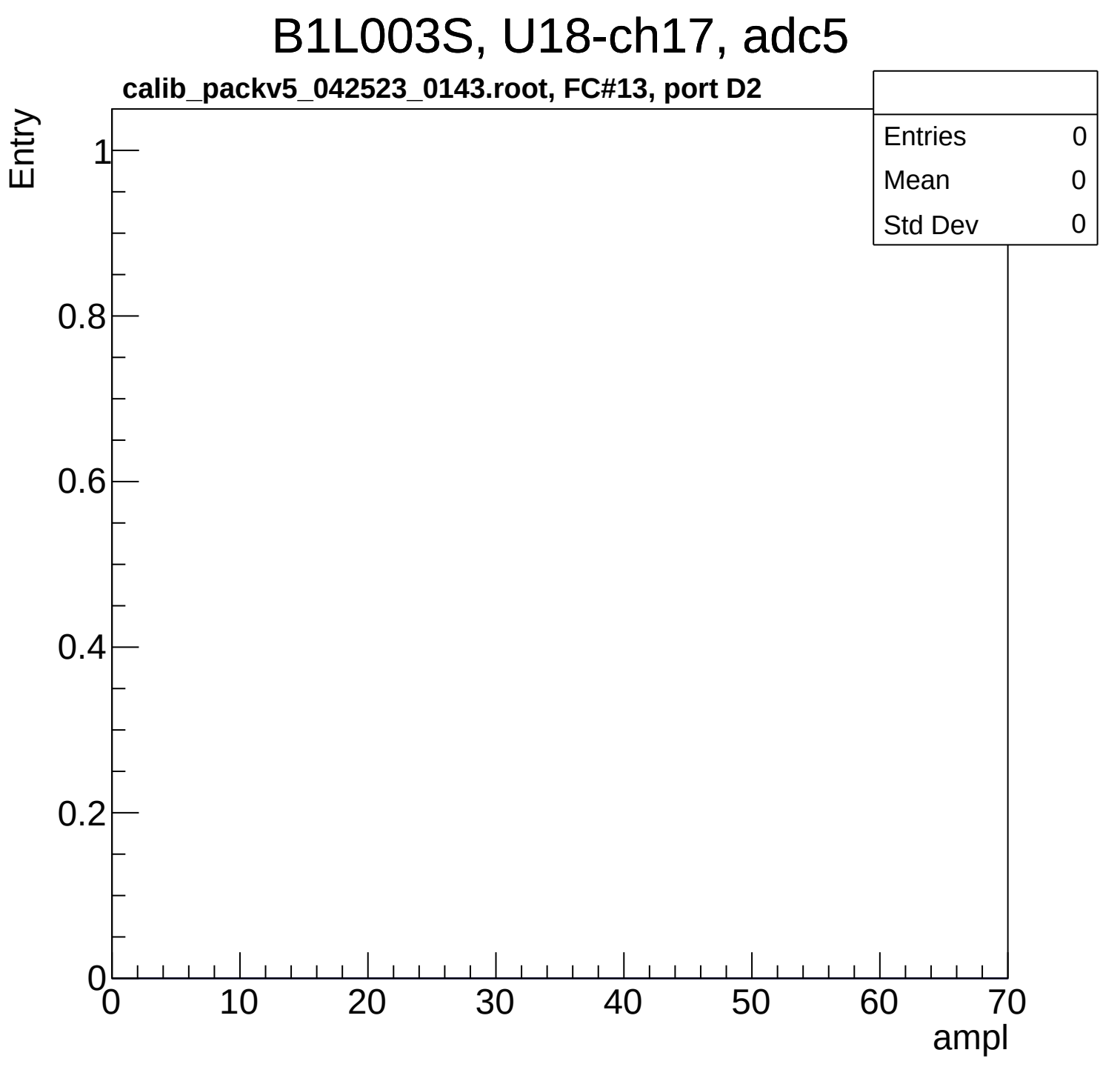

B1L003S, U18-ch17, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

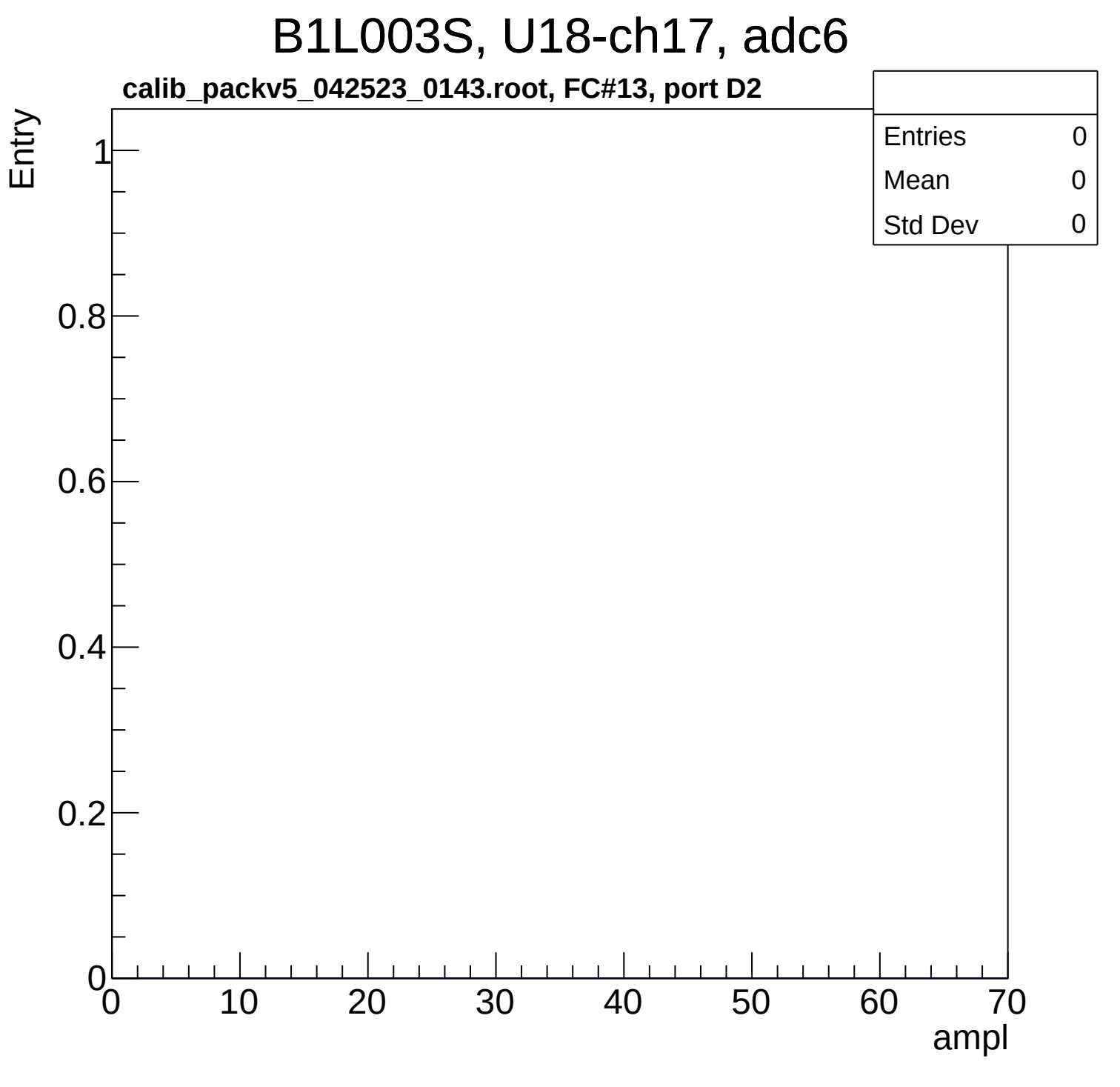

B1L003S, U18-ch17, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

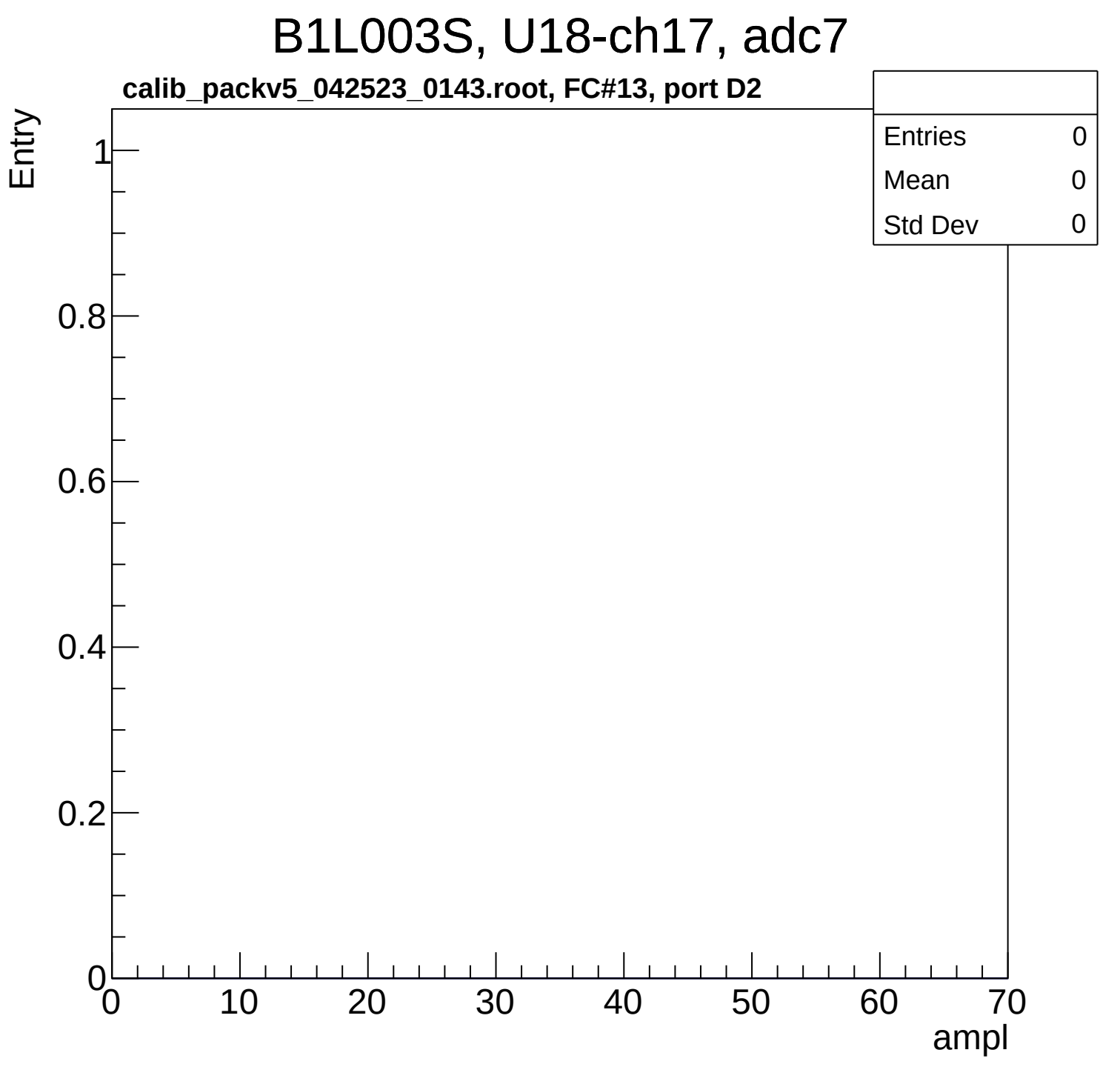

B1L003S, U18-ch17, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

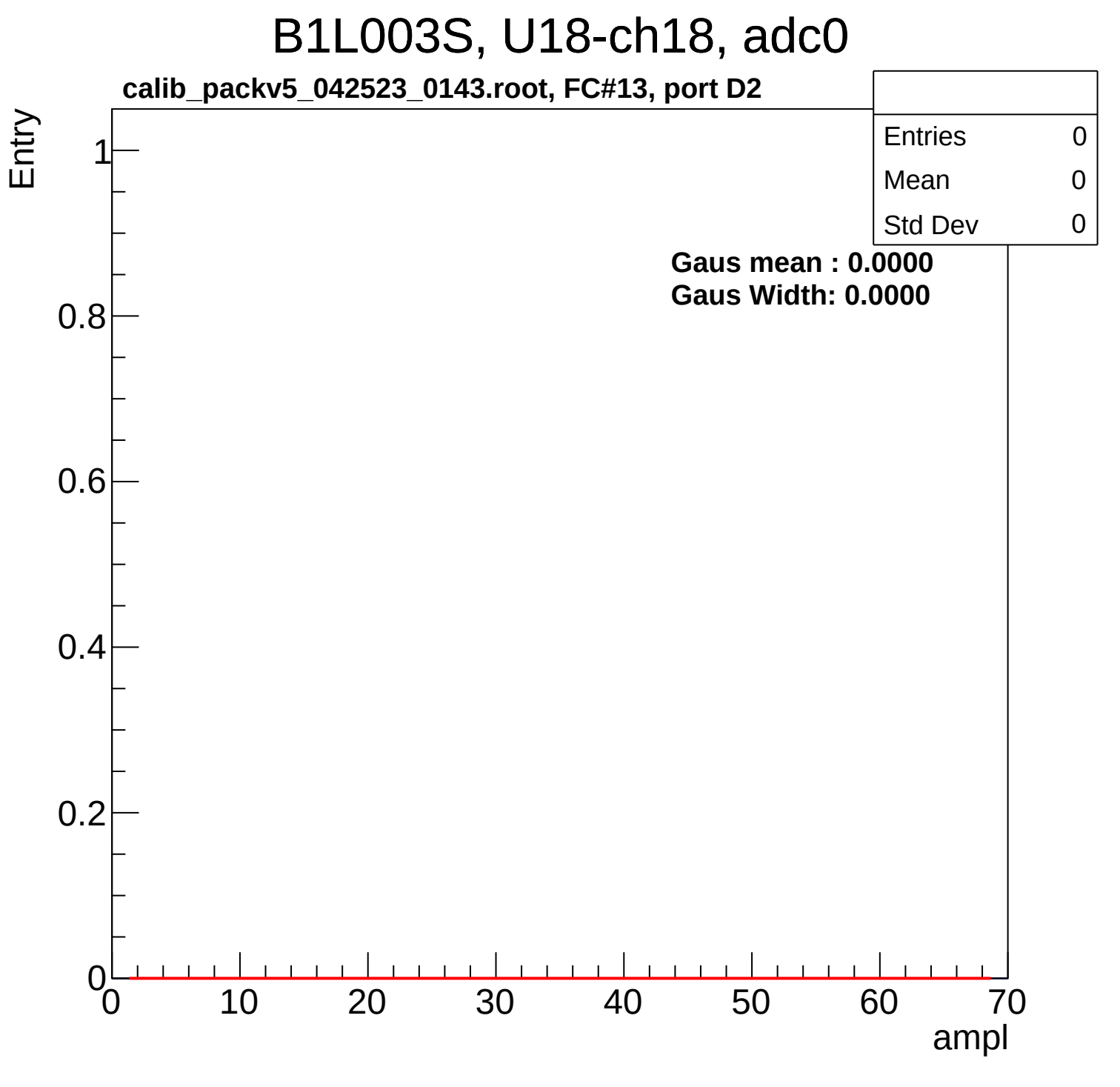

B1L003S, U18-ch17, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

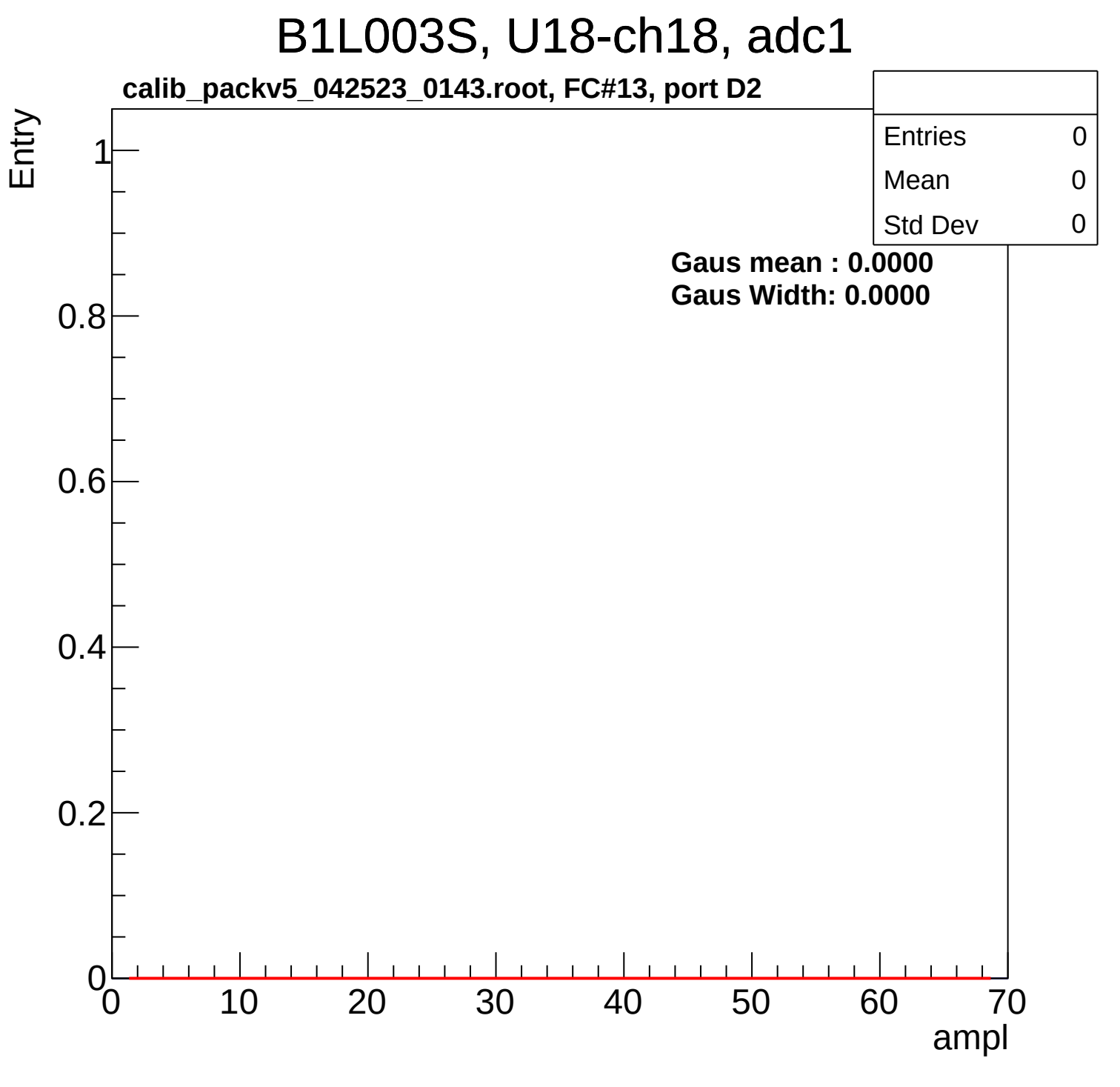

B1L003S, U18-ch17, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

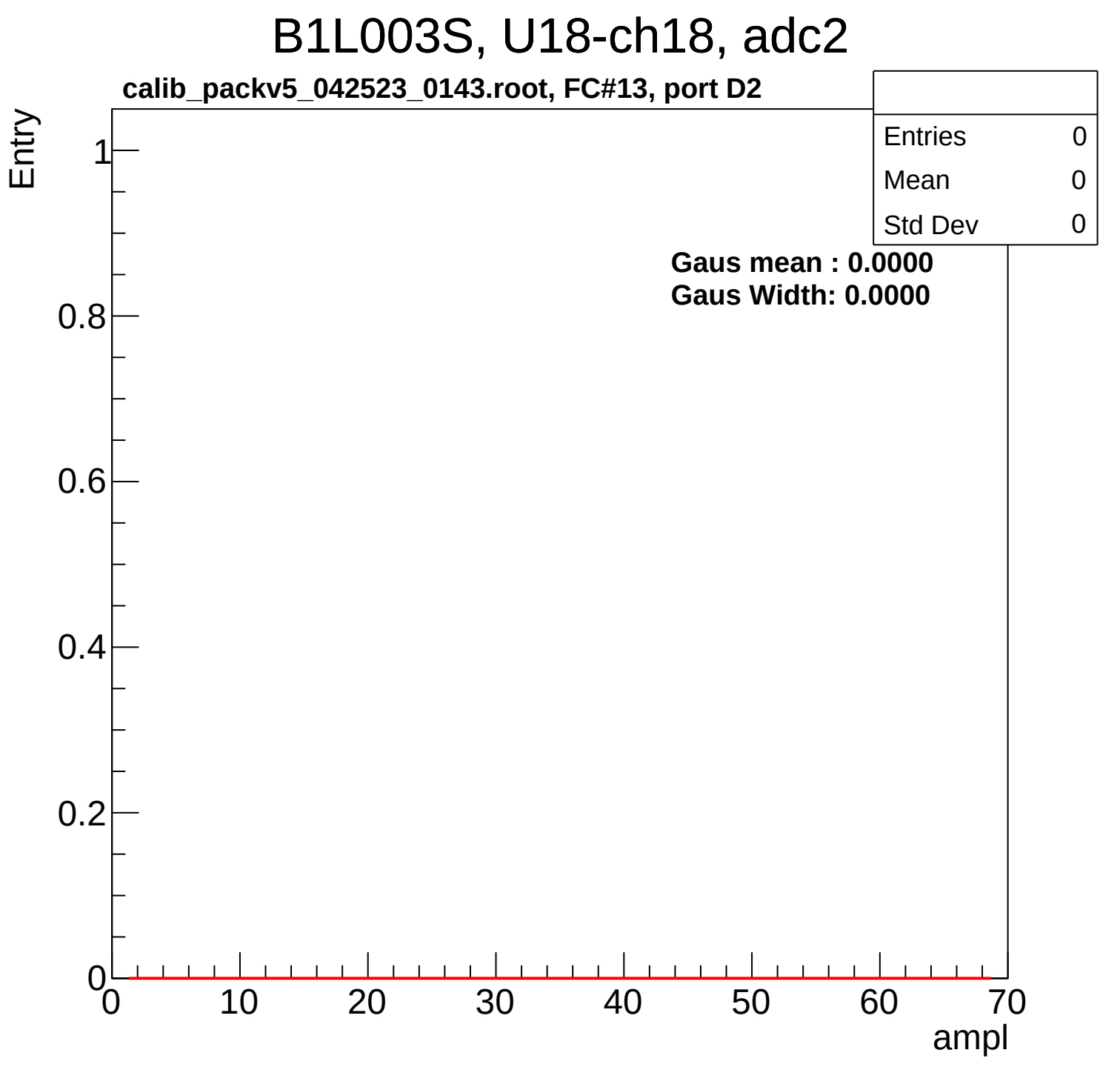

B1L003S, U18-ch17, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

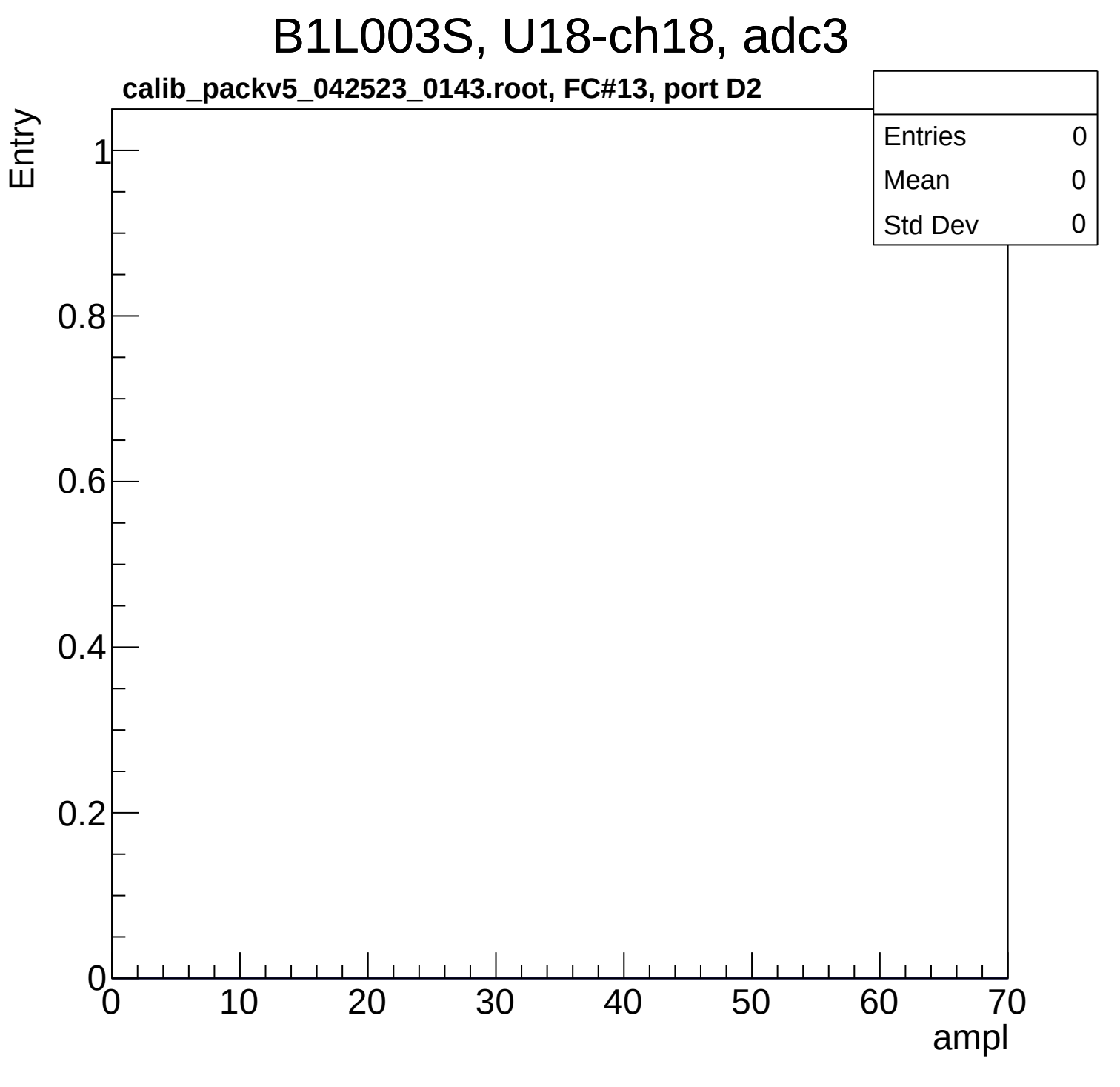

B1L003S, U18-ch17, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

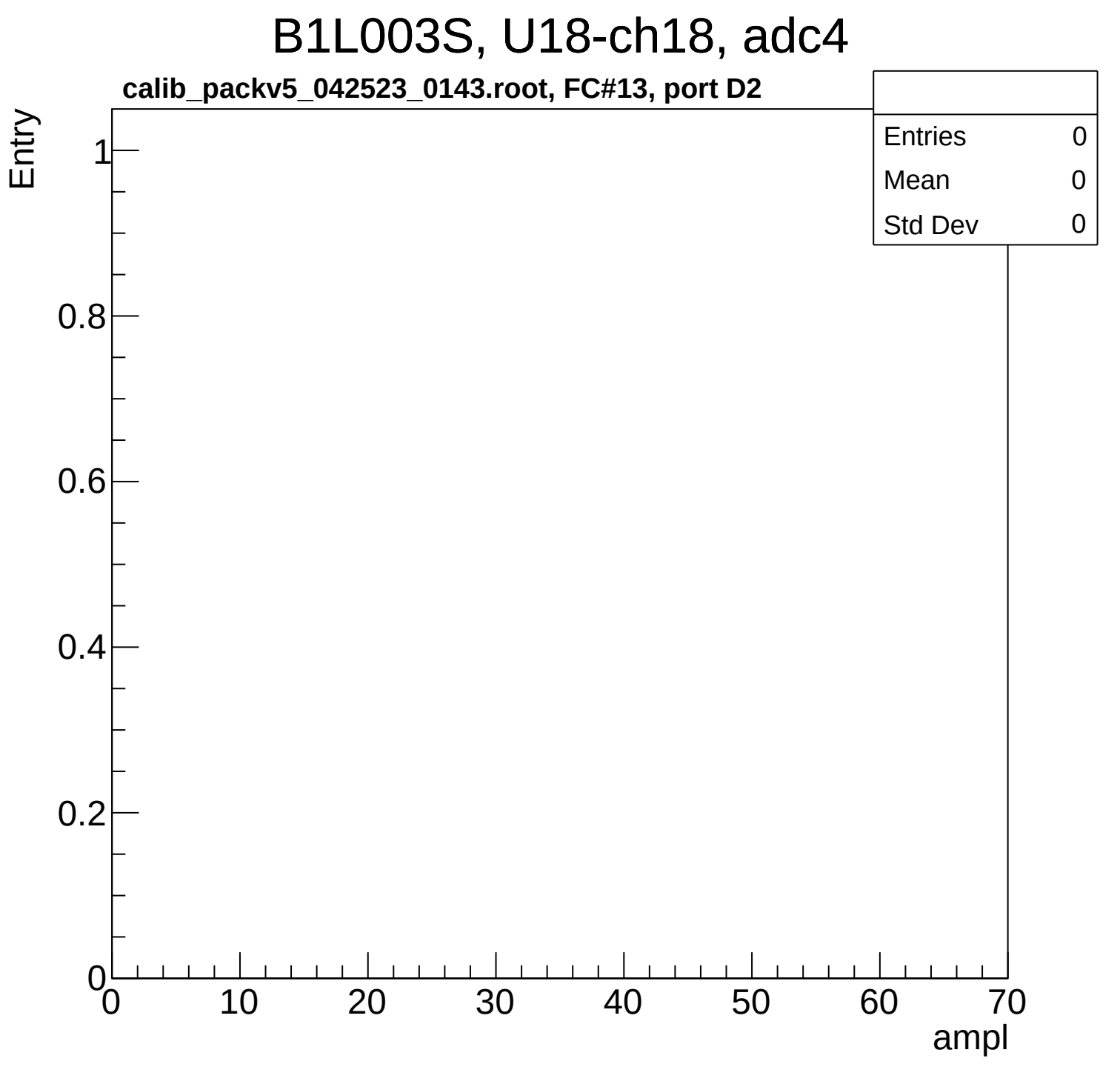

B1L003S, U18-ch17, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

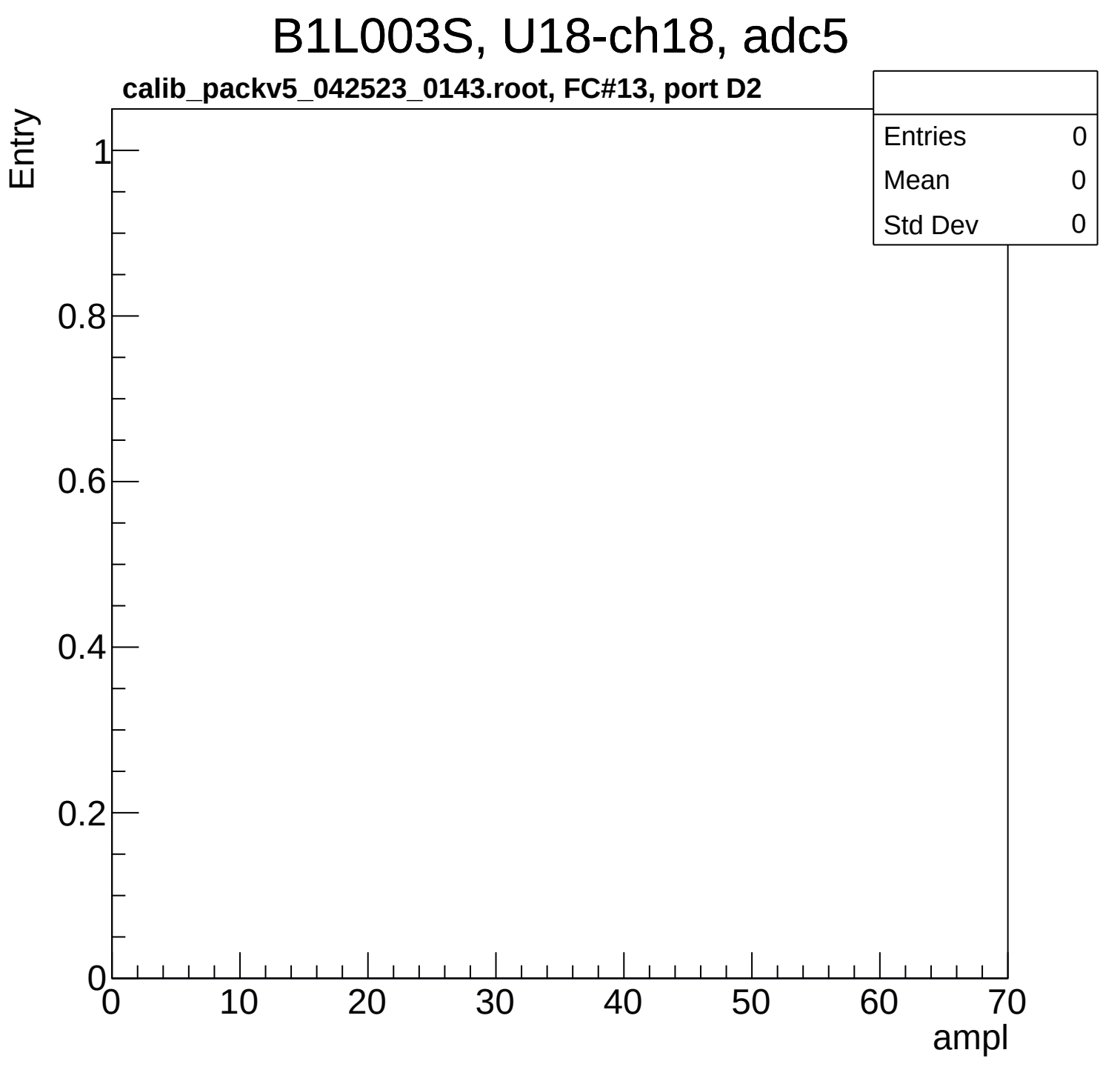

B1L003S, U18-ch18, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

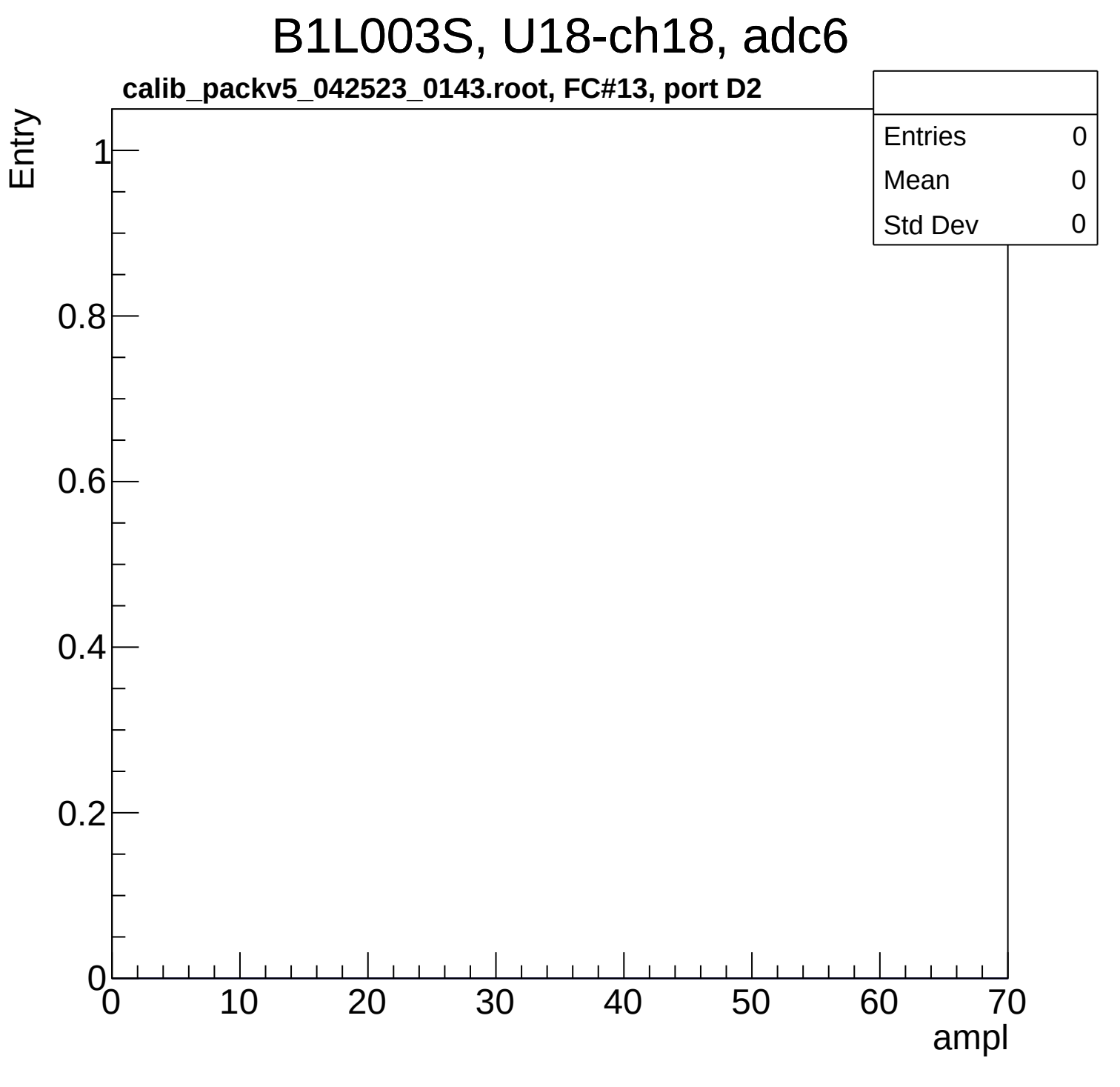

B1L003S, U18-ch18, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

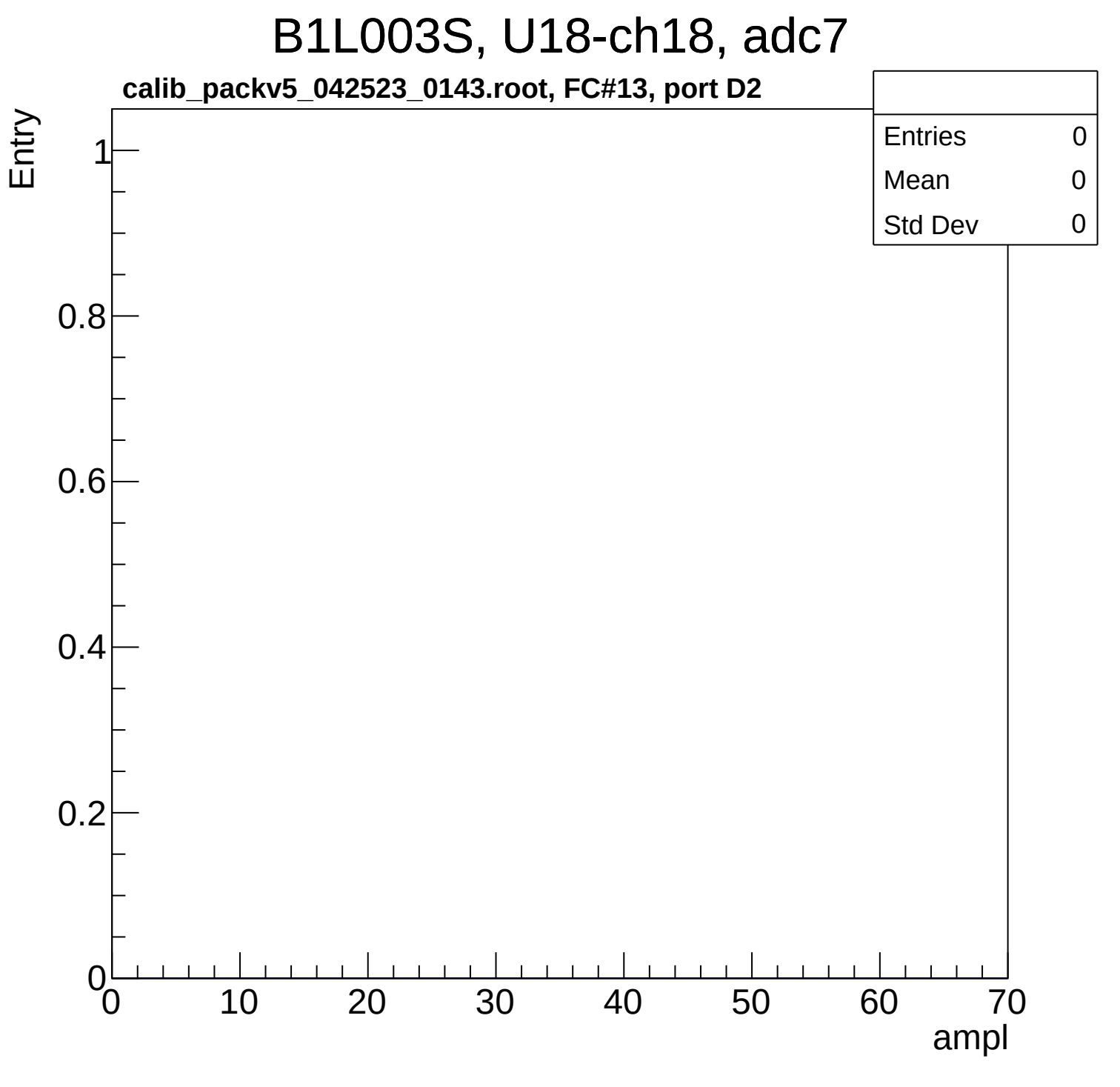

B1L003S, U18-ch18, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

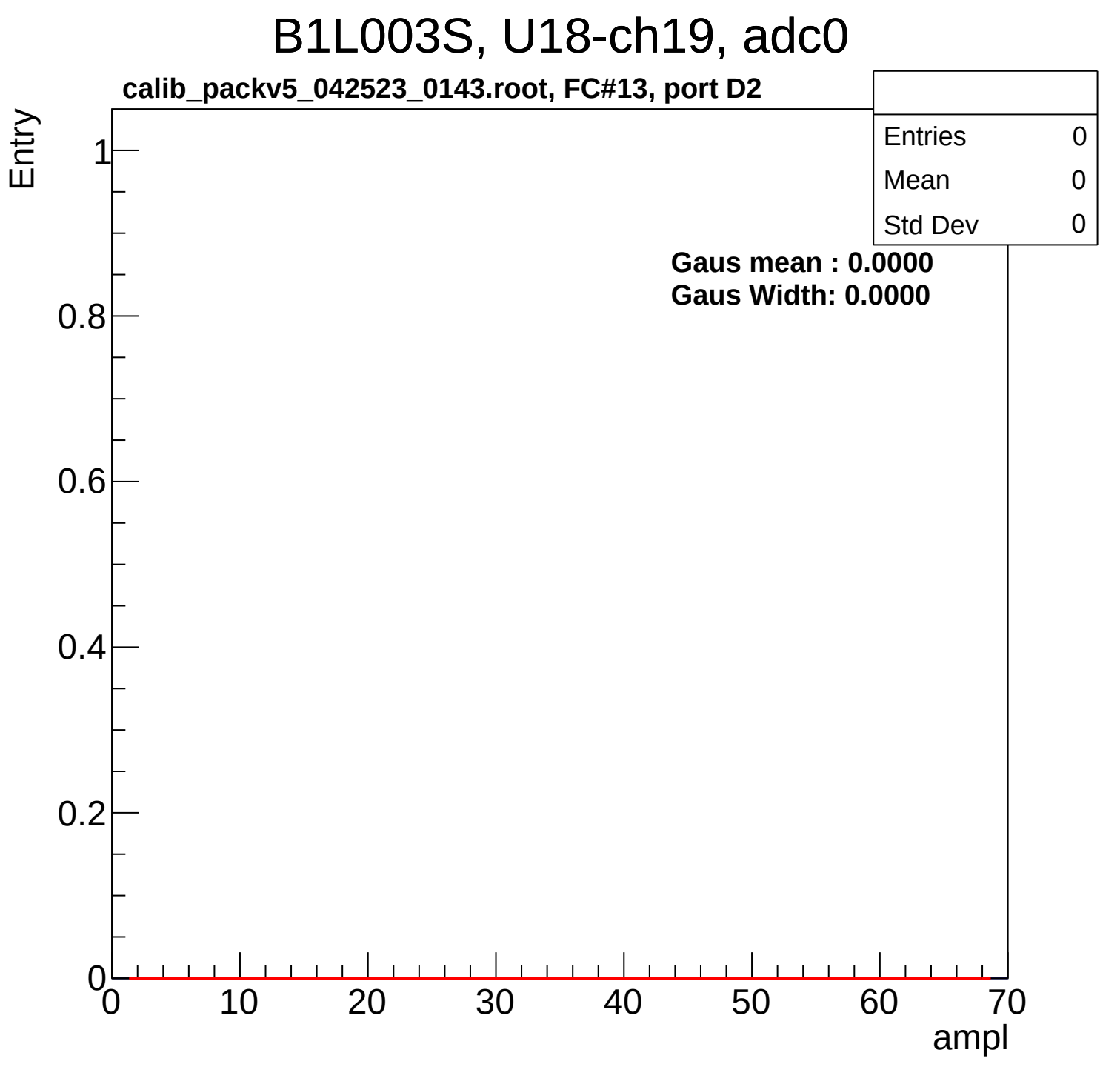

B1L003S, U18-ch18, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

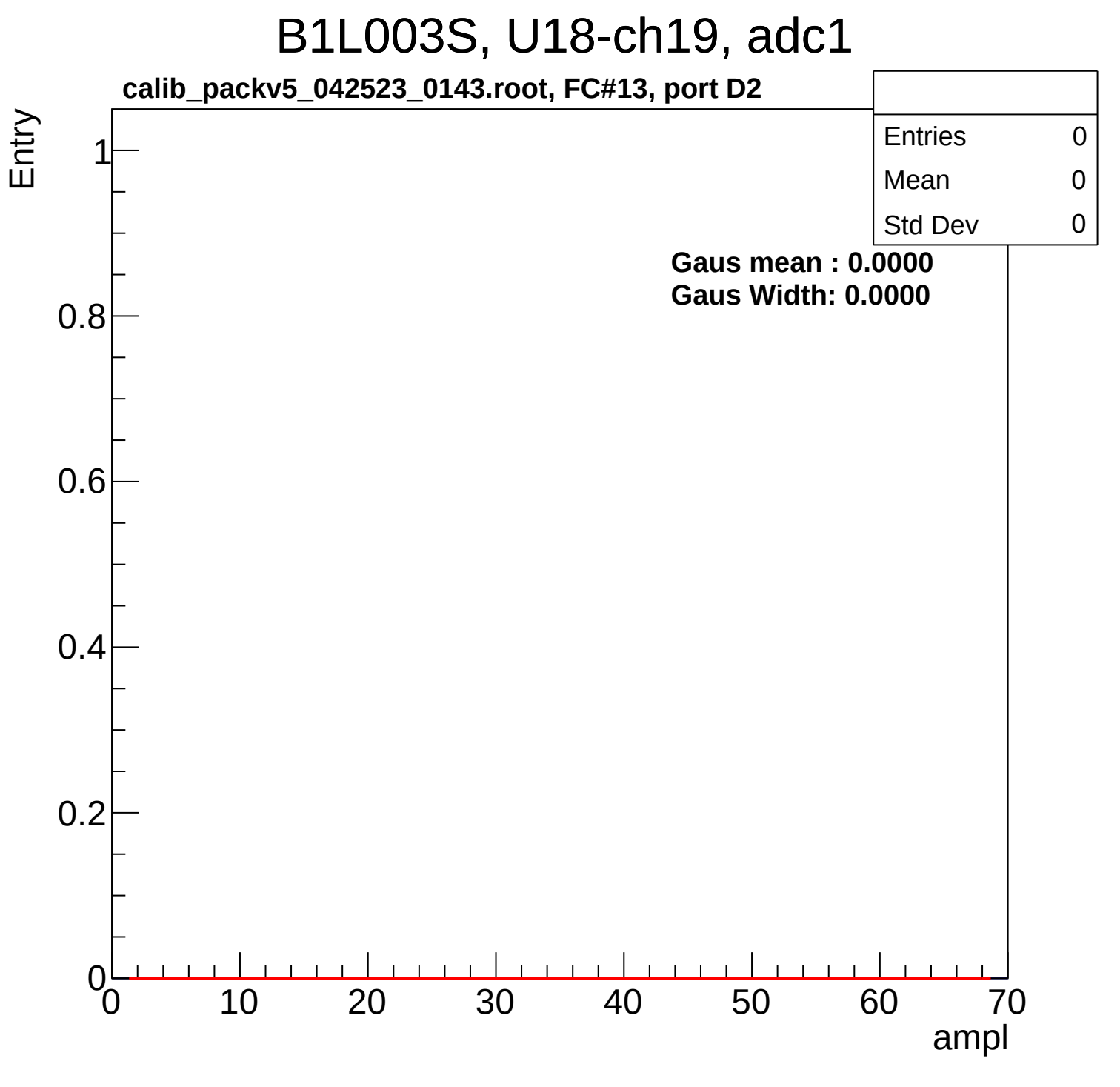

B1L003S, U18-ch18, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

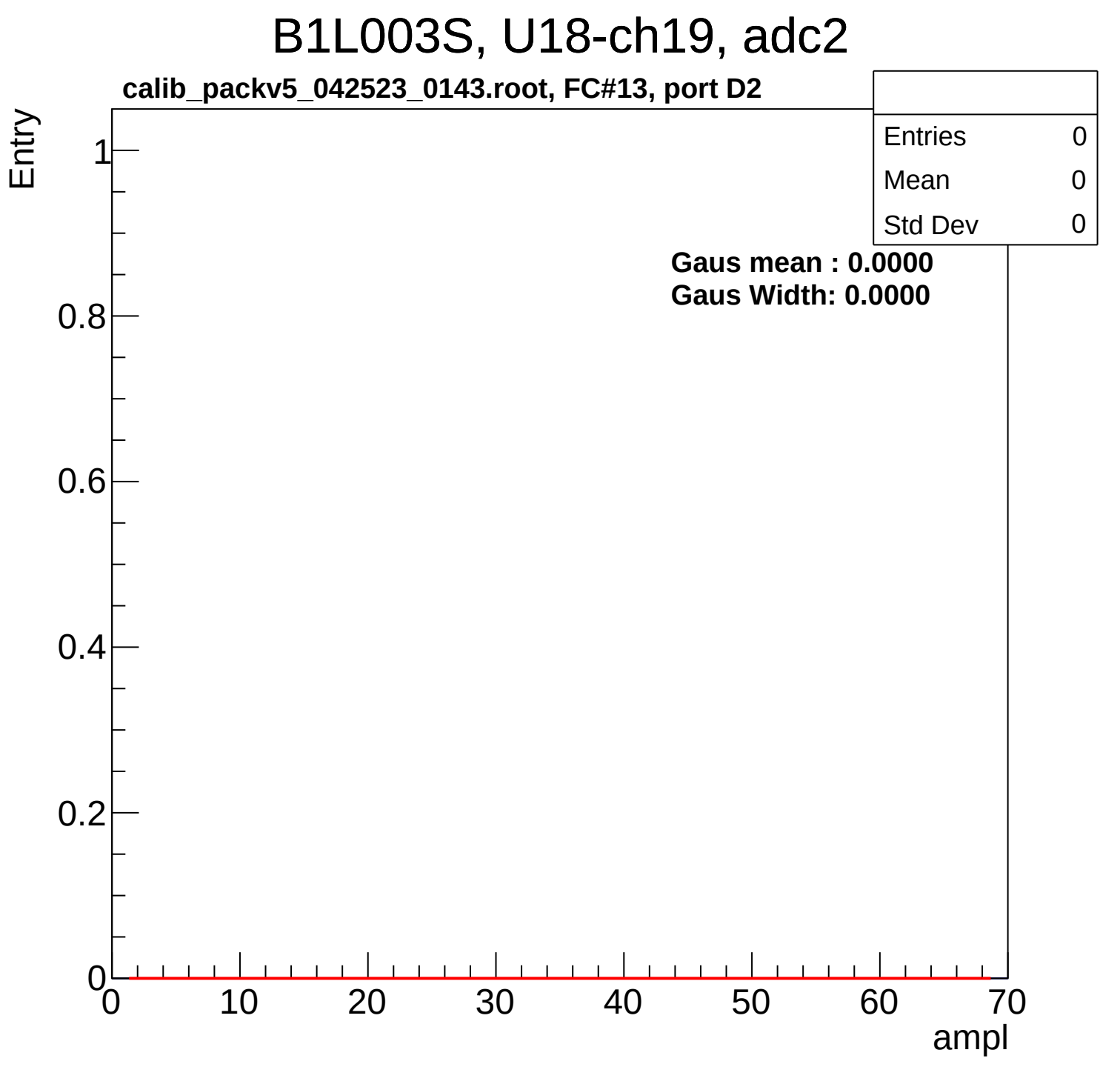

B1L003S, U18-ch18, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

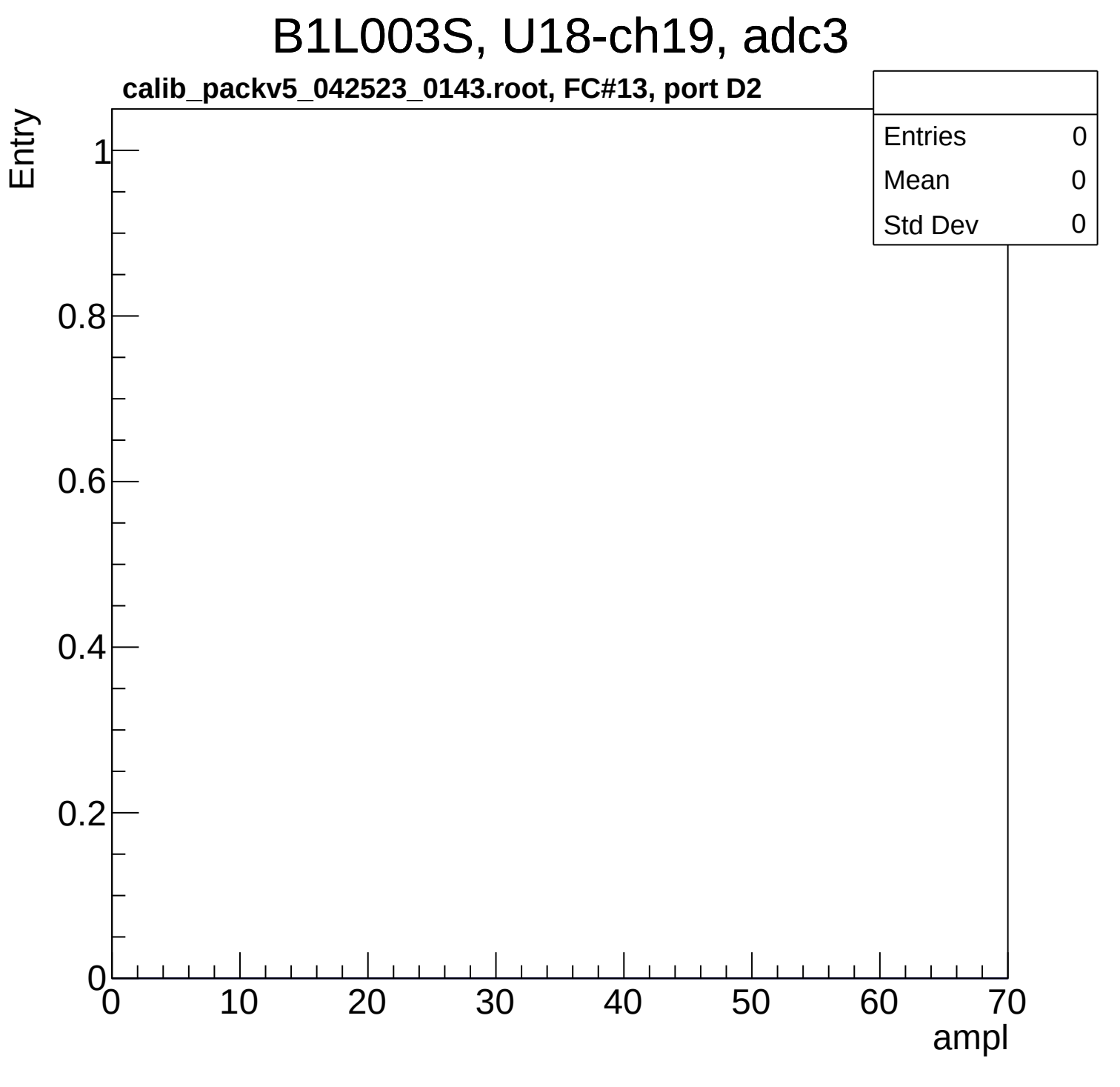

B1L003S, U18-ch18, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

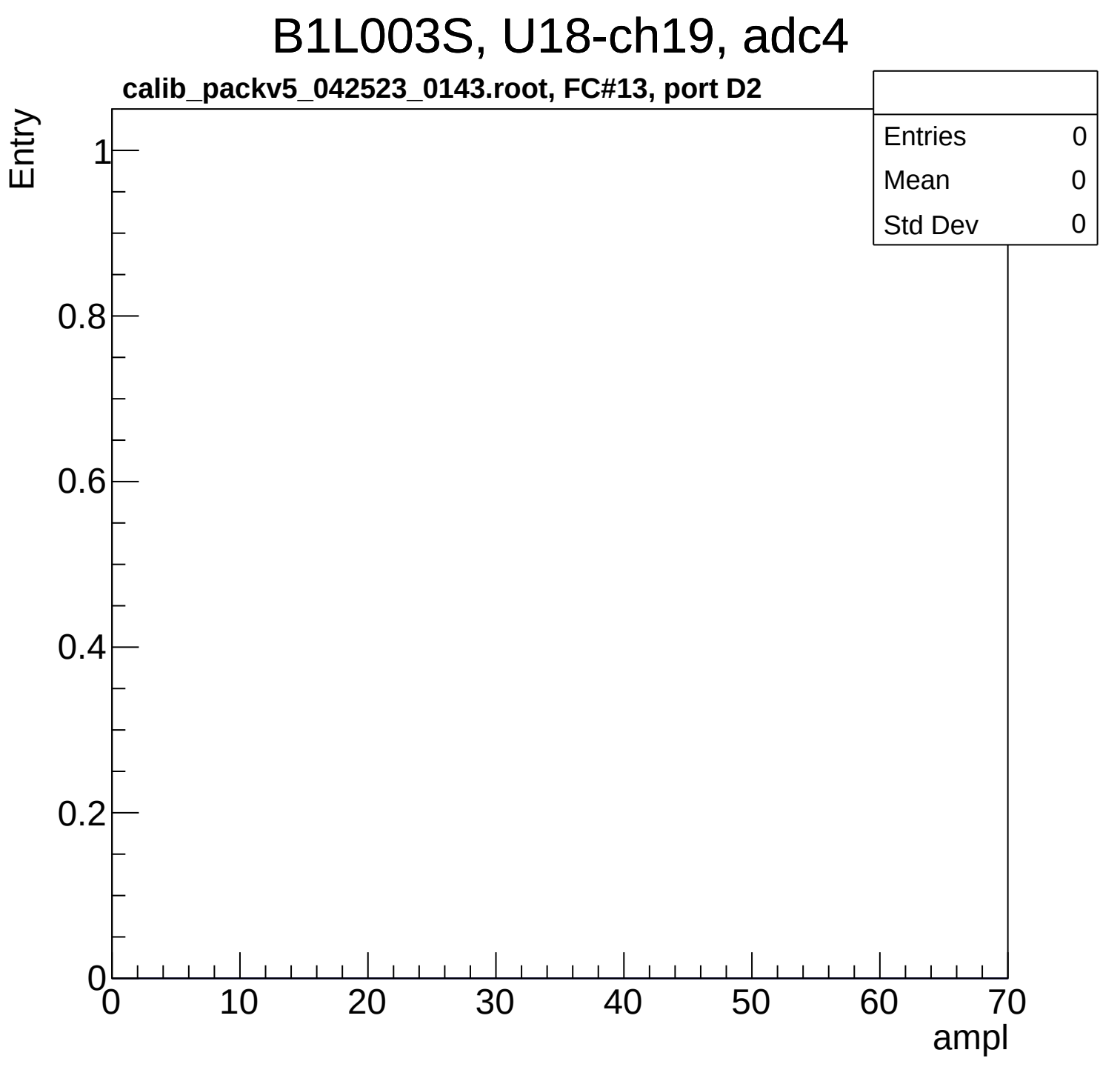

B1L003S, U18-ch18, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

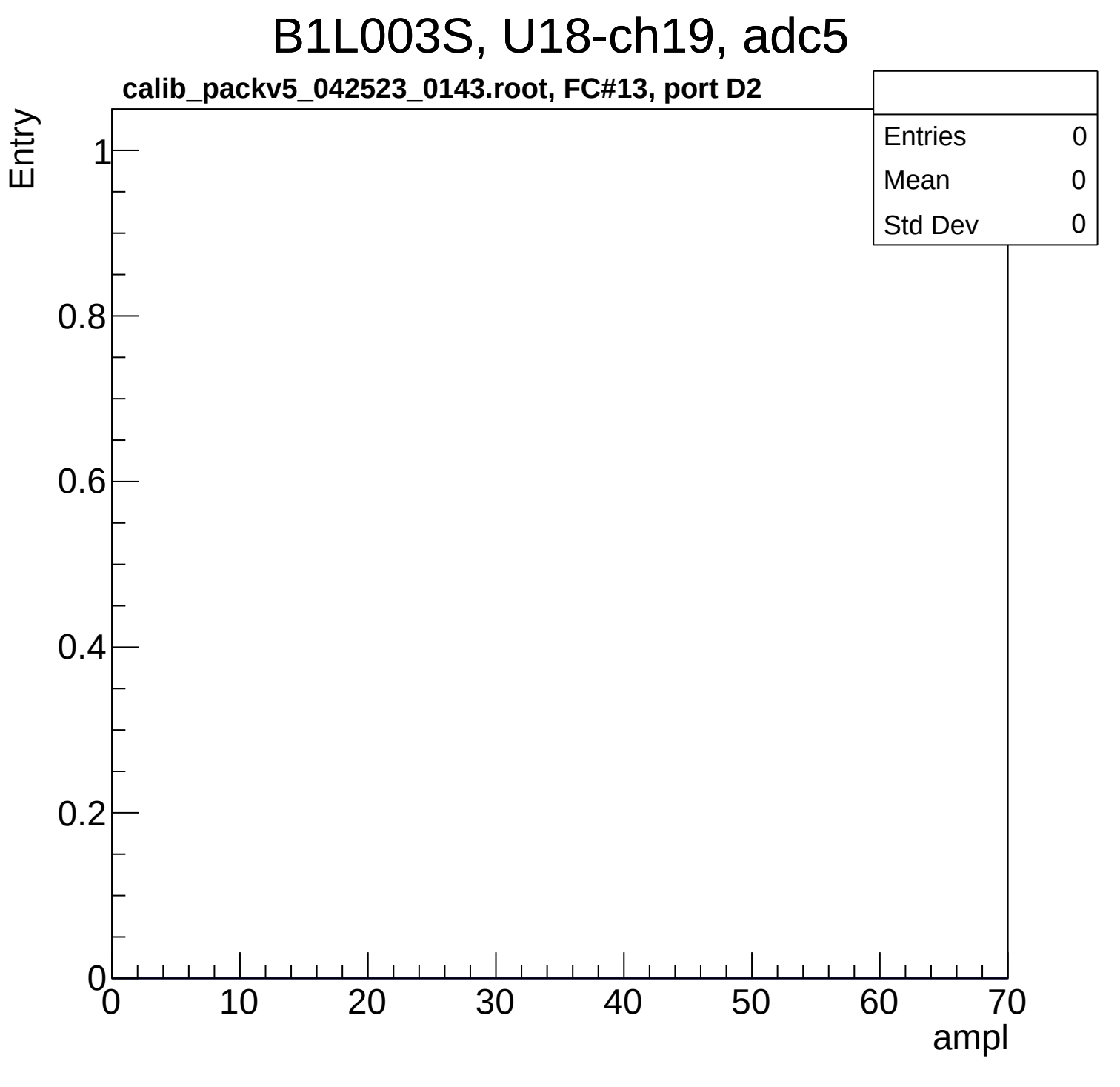

B1L003S, U18-ch19, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

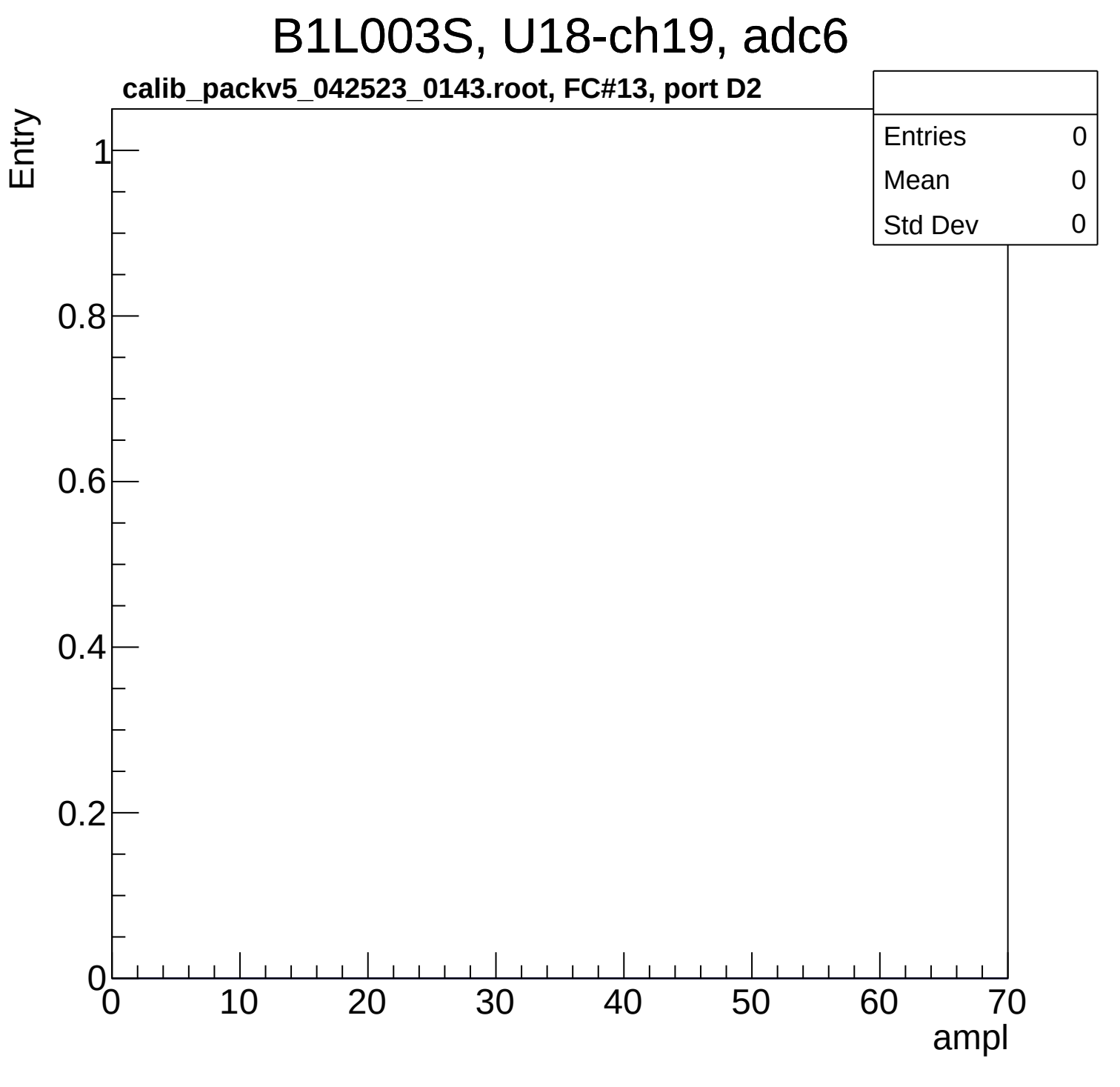

B1L003S, U18-ch19, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

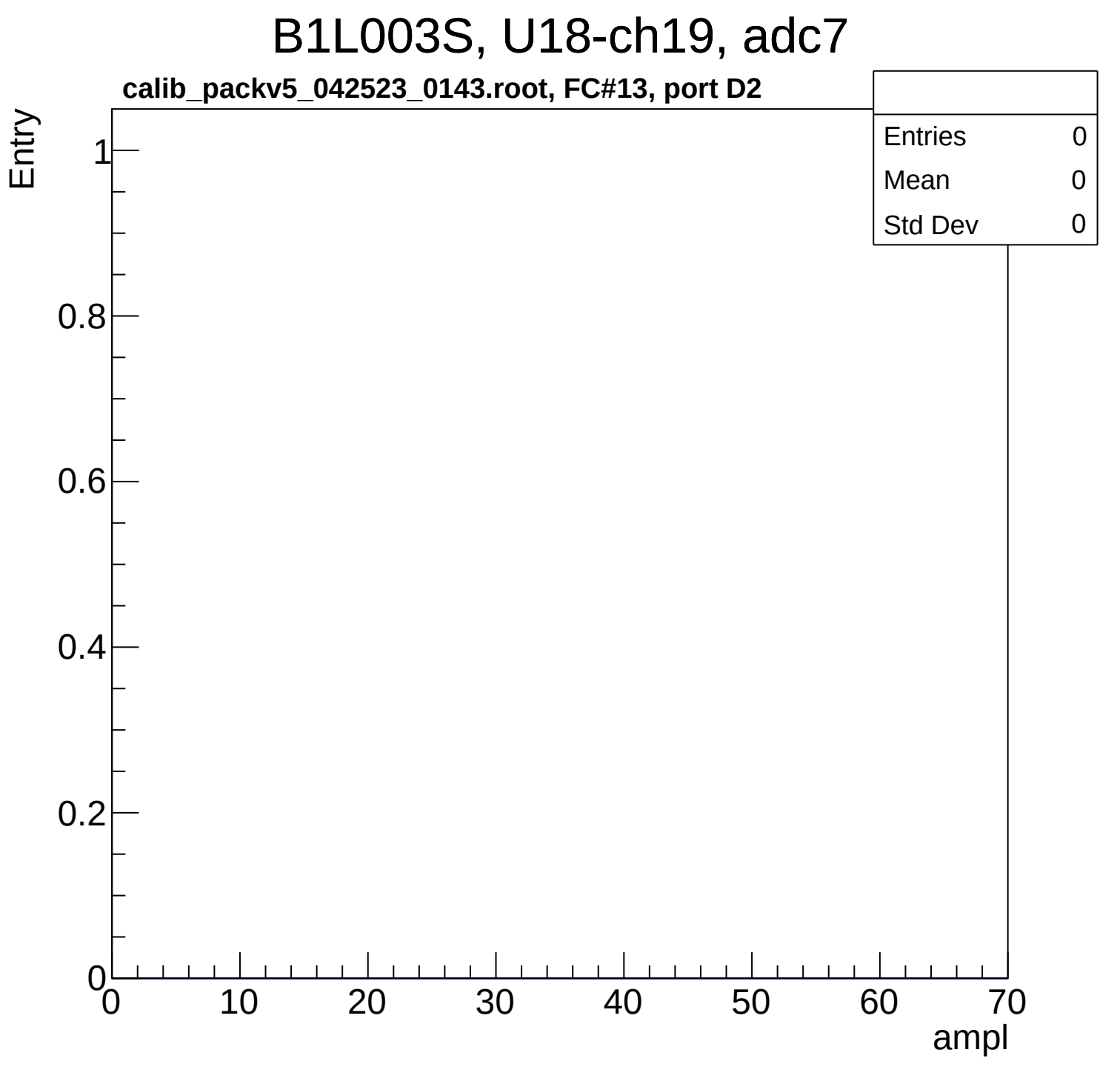

B1L003S, U18-ch19, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

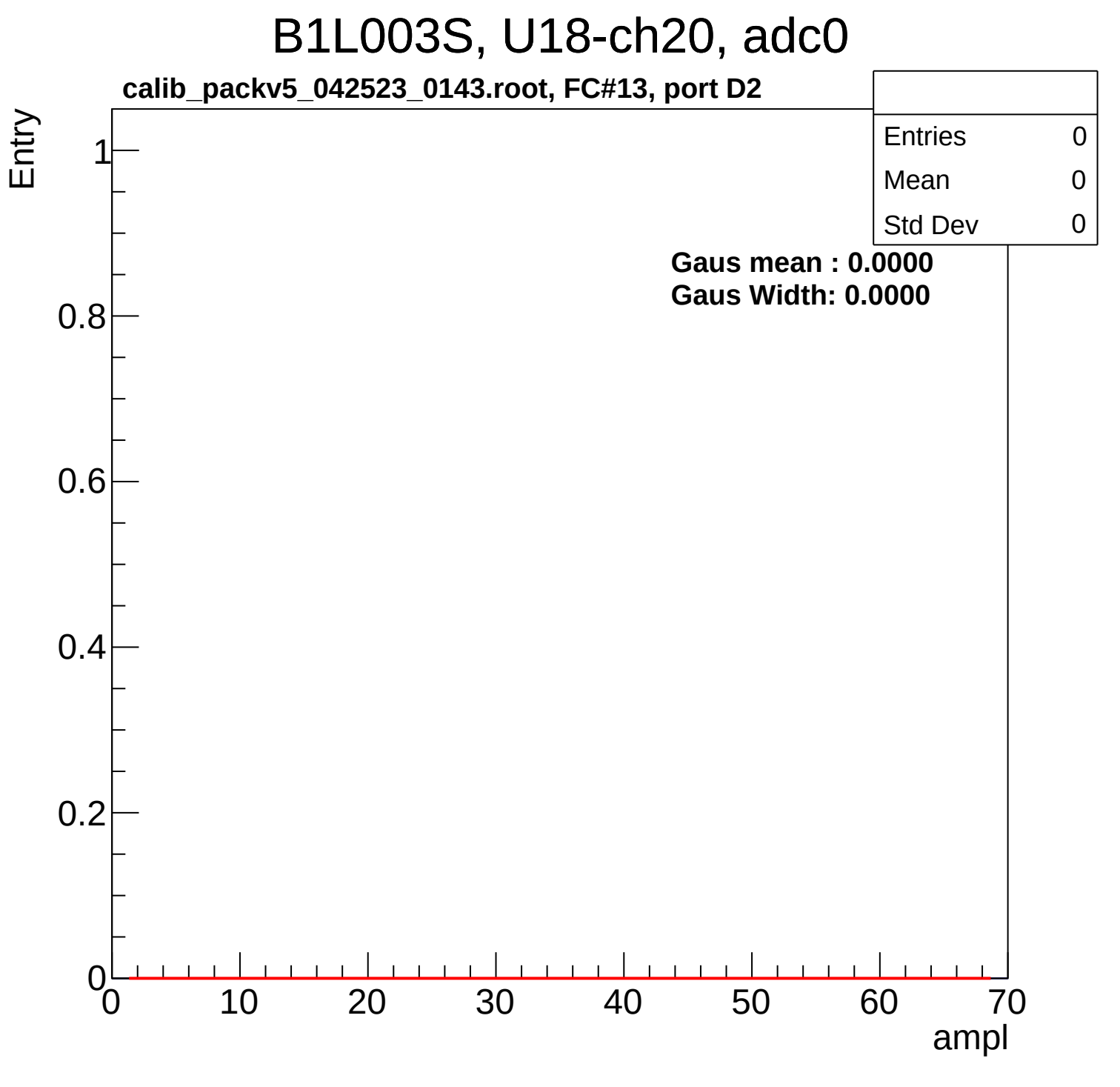

B1L003S, U18-ch19, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

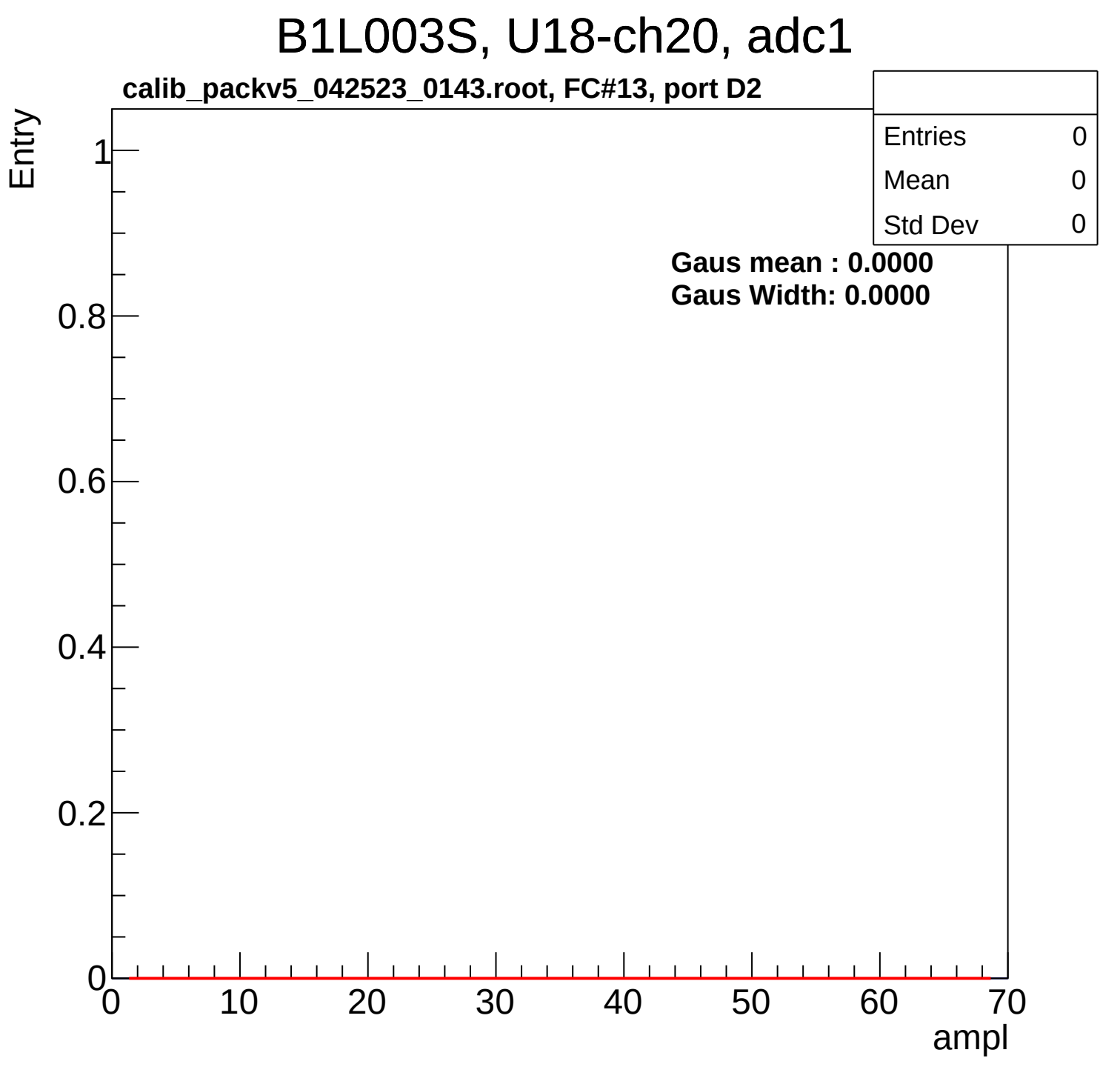

B1L003S, U18-ch19, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

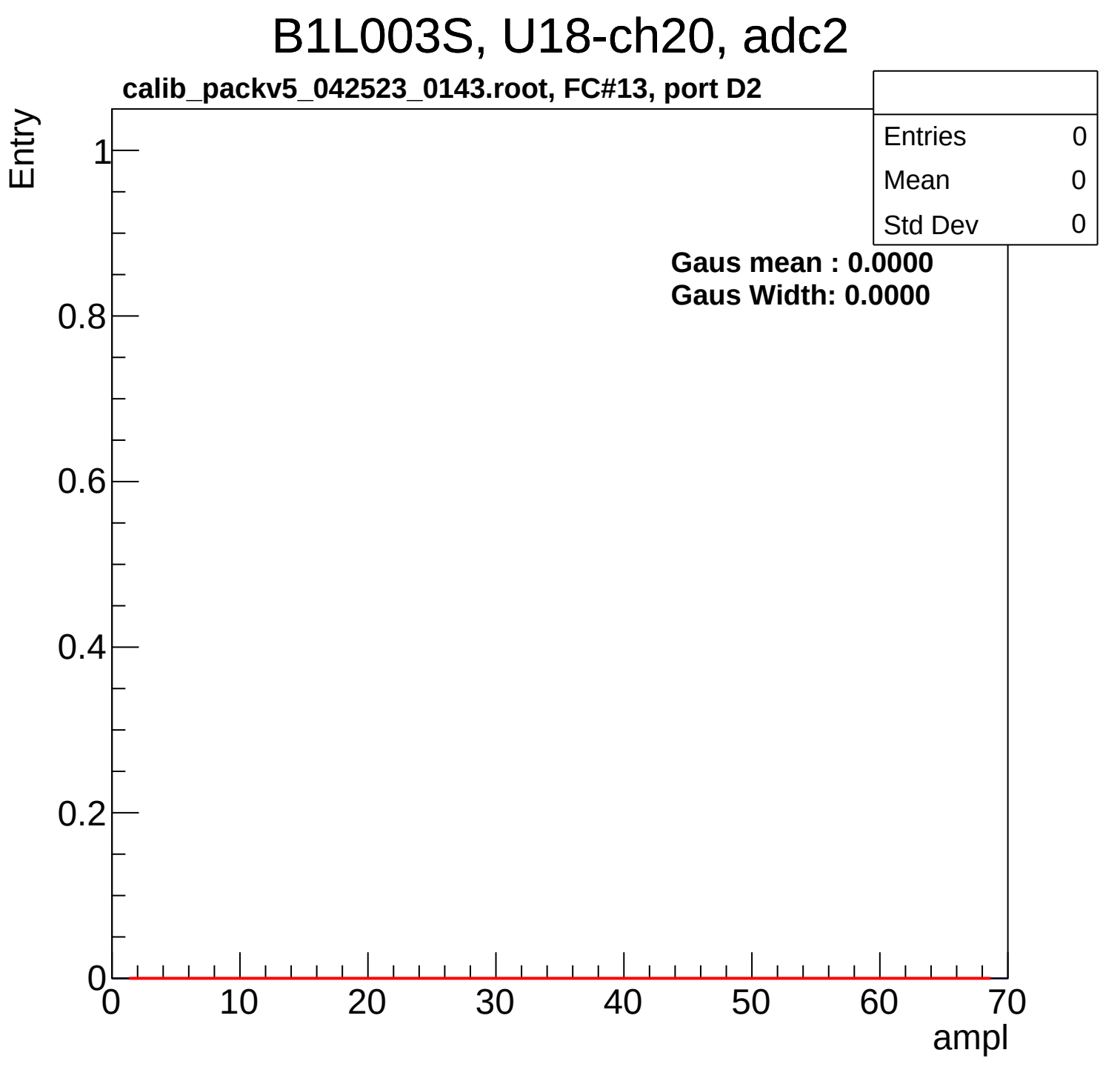

B1L003S, U18-ch19, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

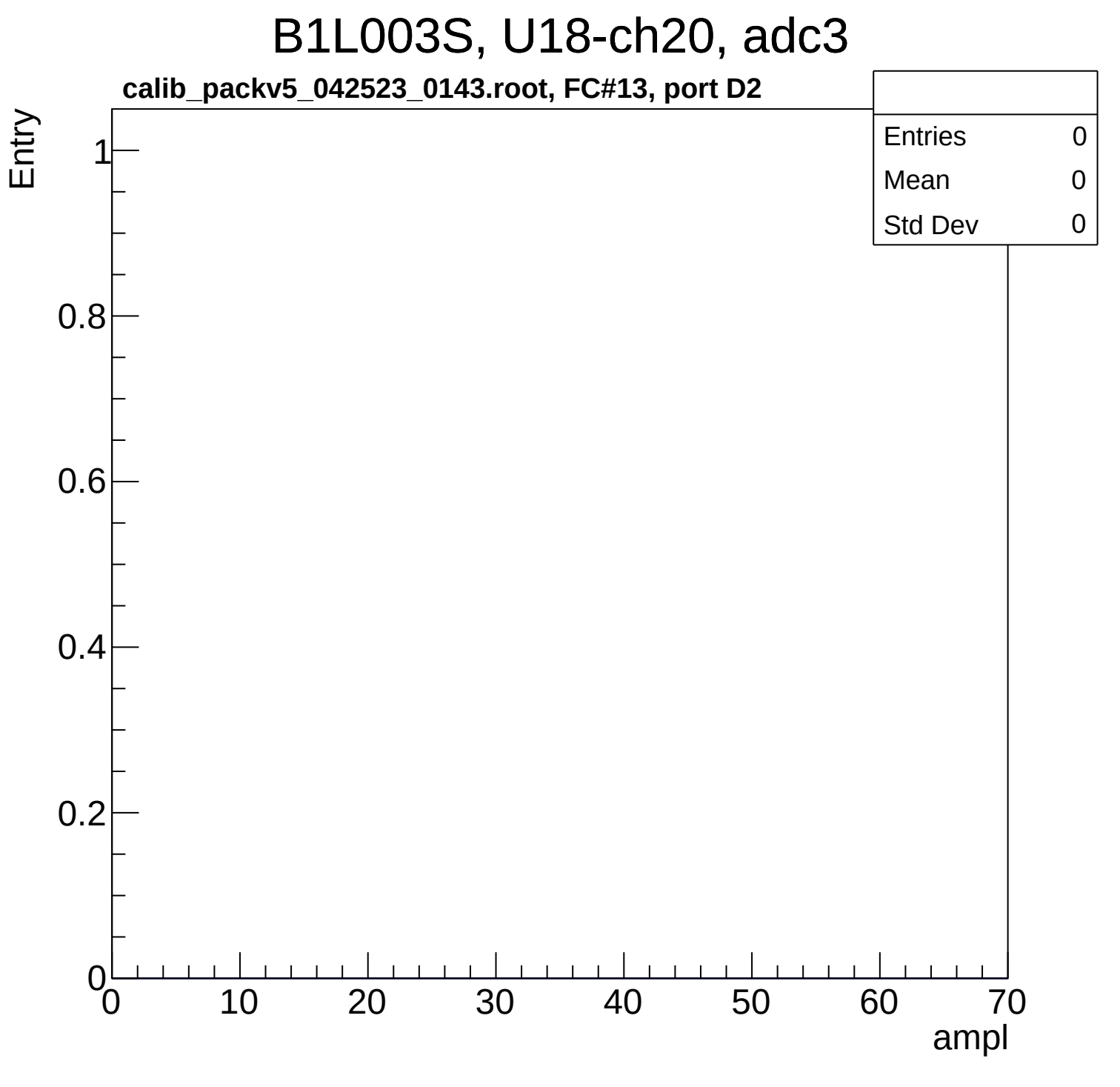

B1L003S, U18-ch19, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

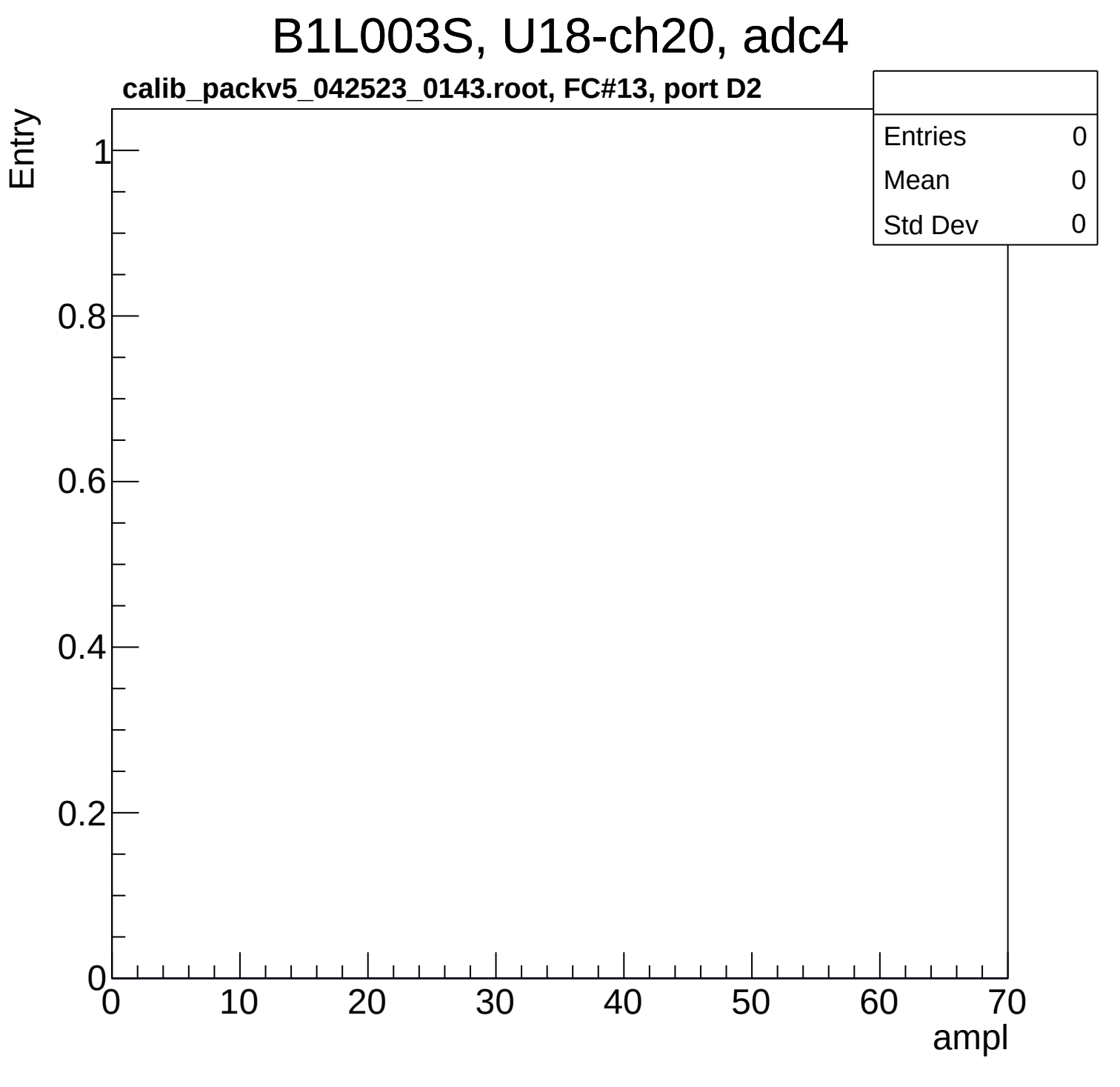

B1L003S, U18-ch19, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

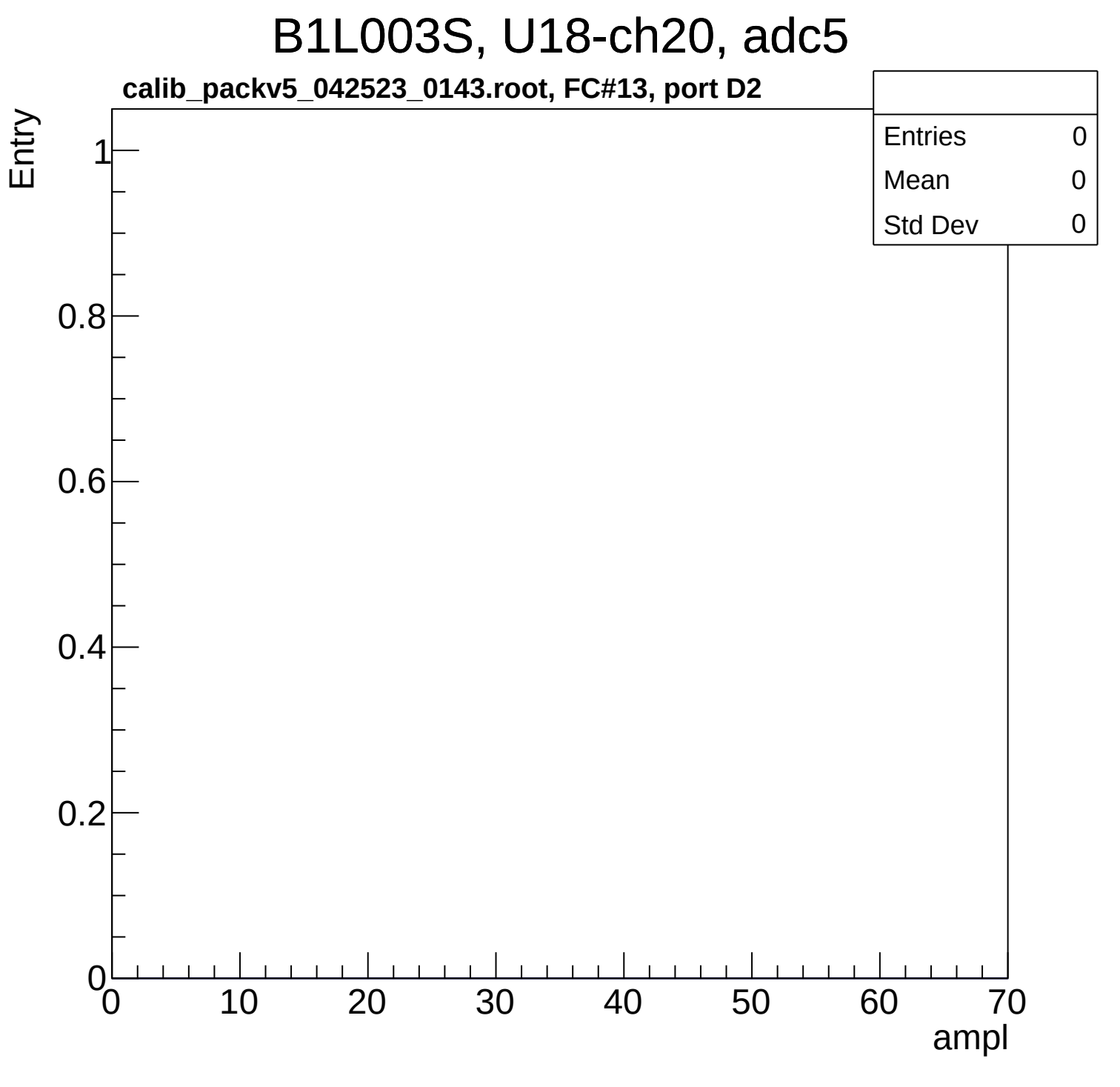

B1L003S, U18-ch20, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

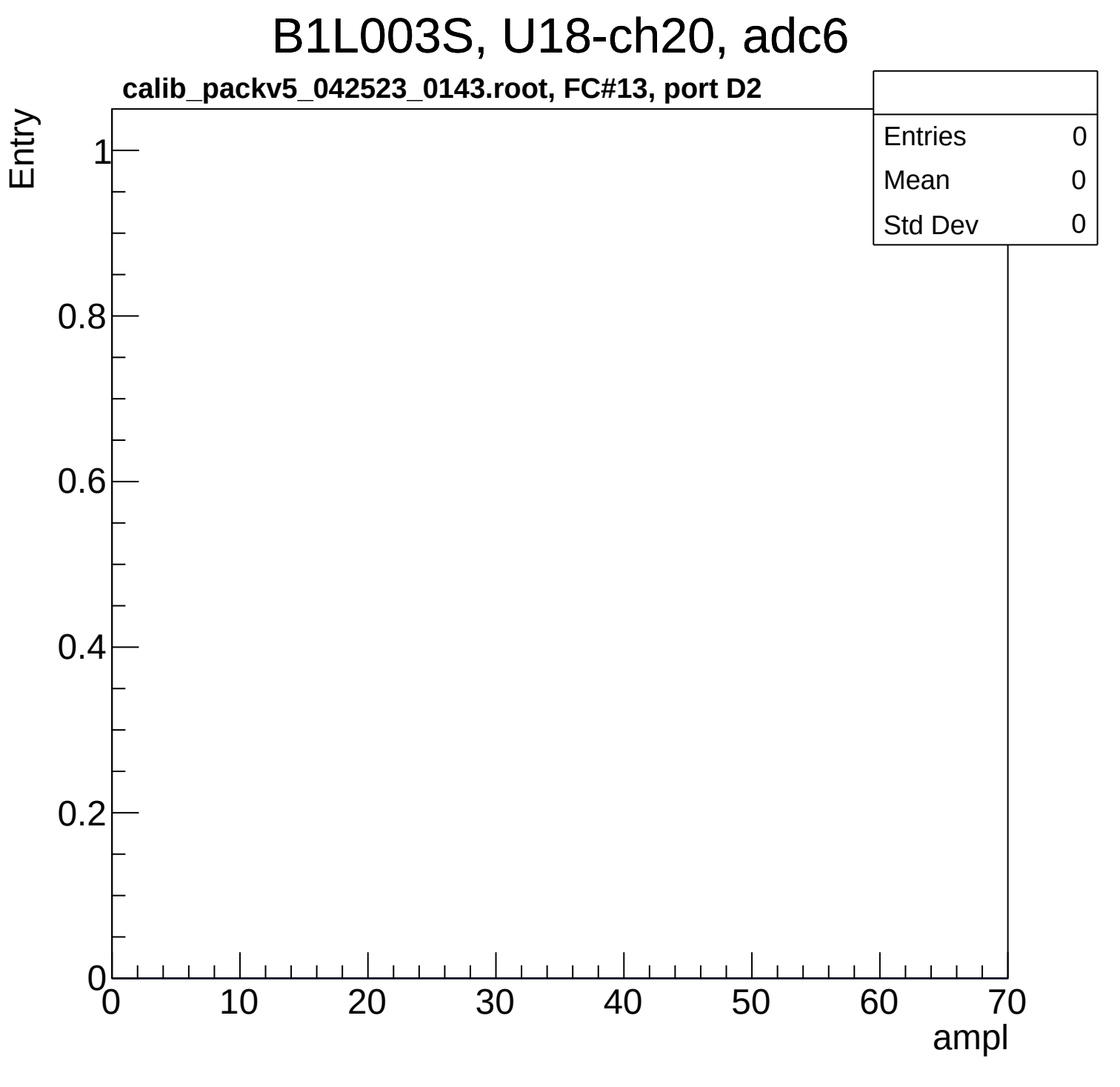

B1L003S, U18-ch20, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

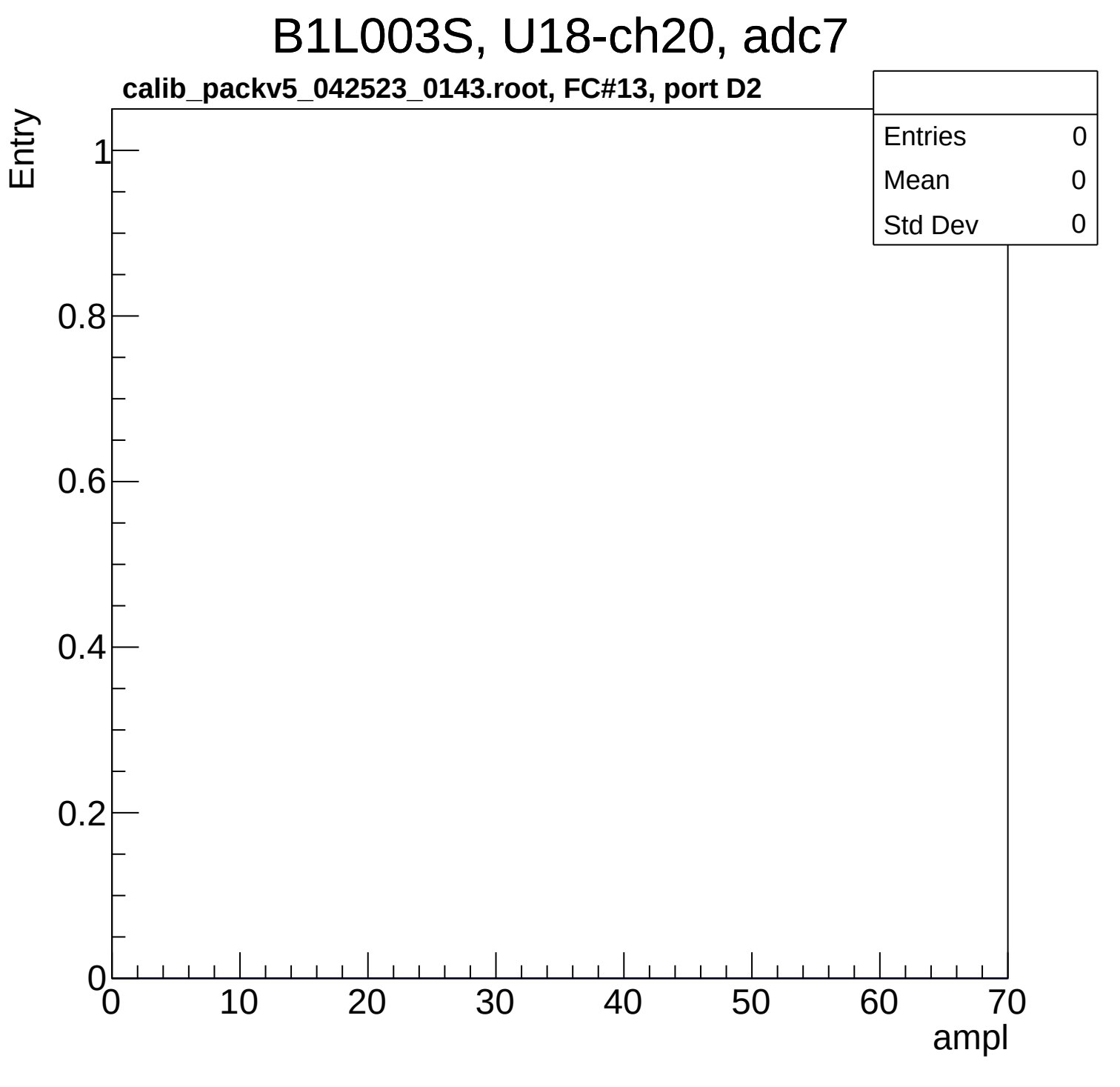

B1L003S, U18-ch20, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

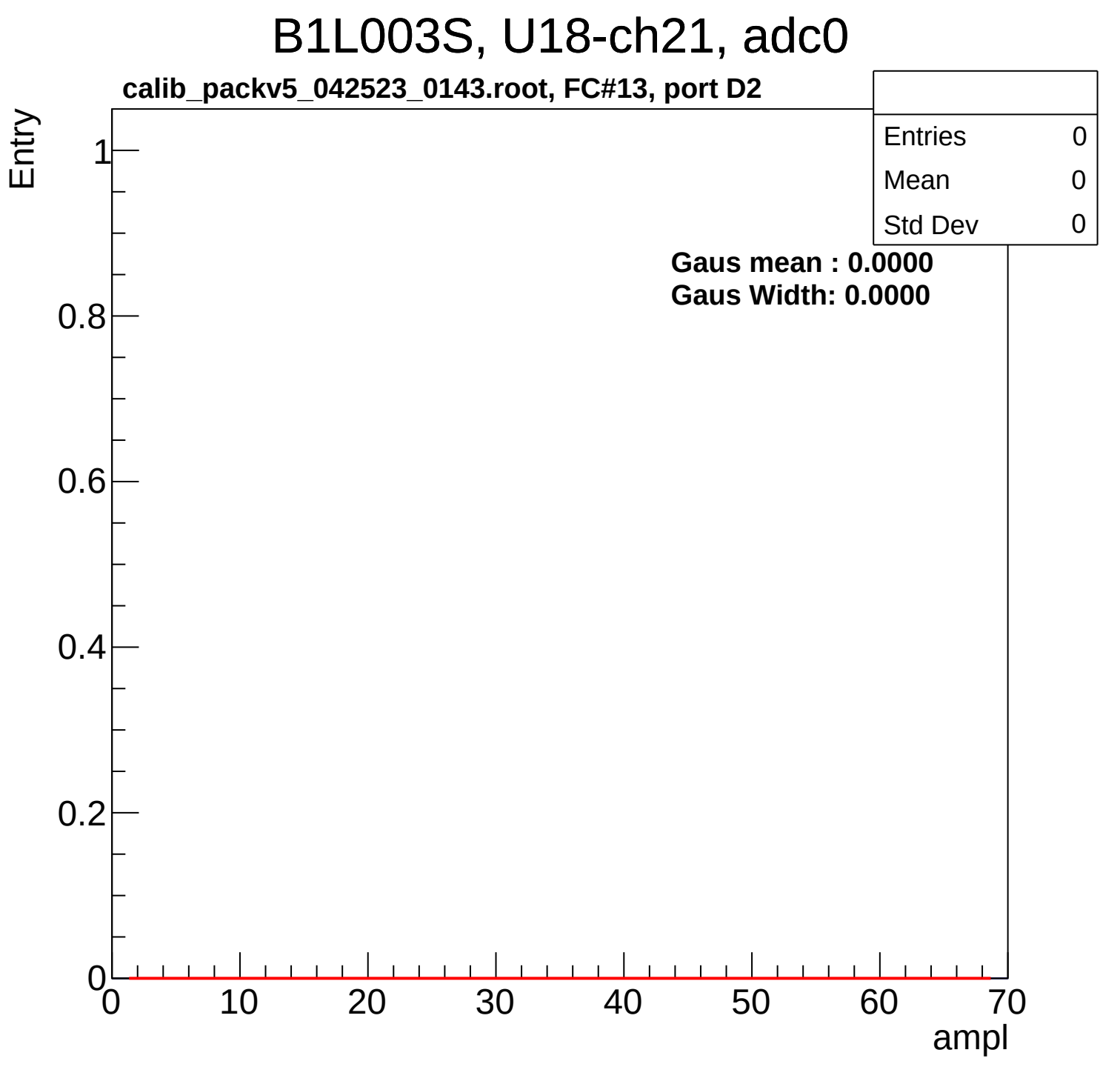

B1L003S, U18-ch20, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

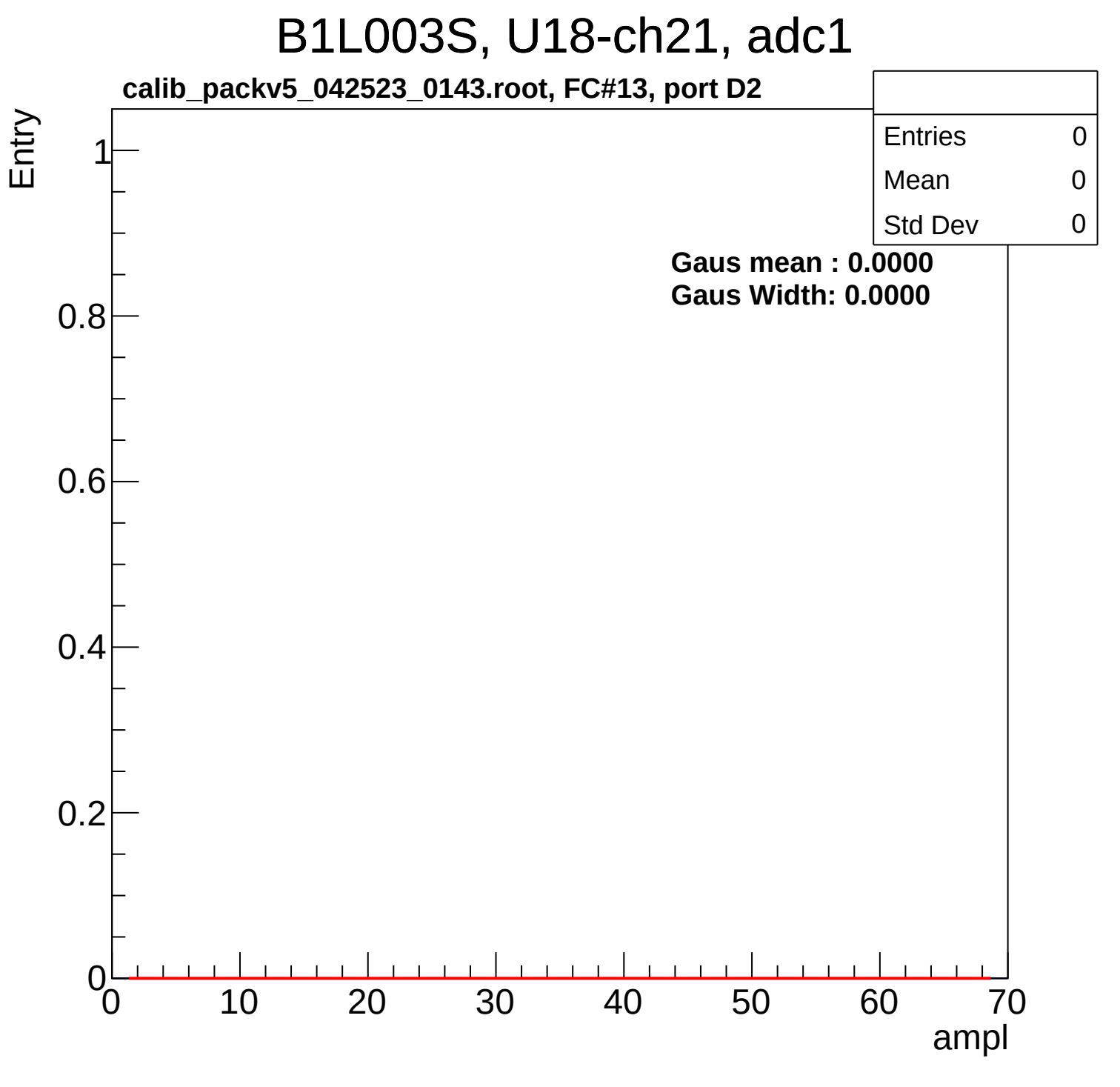

B1L003S, U18-ch20, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

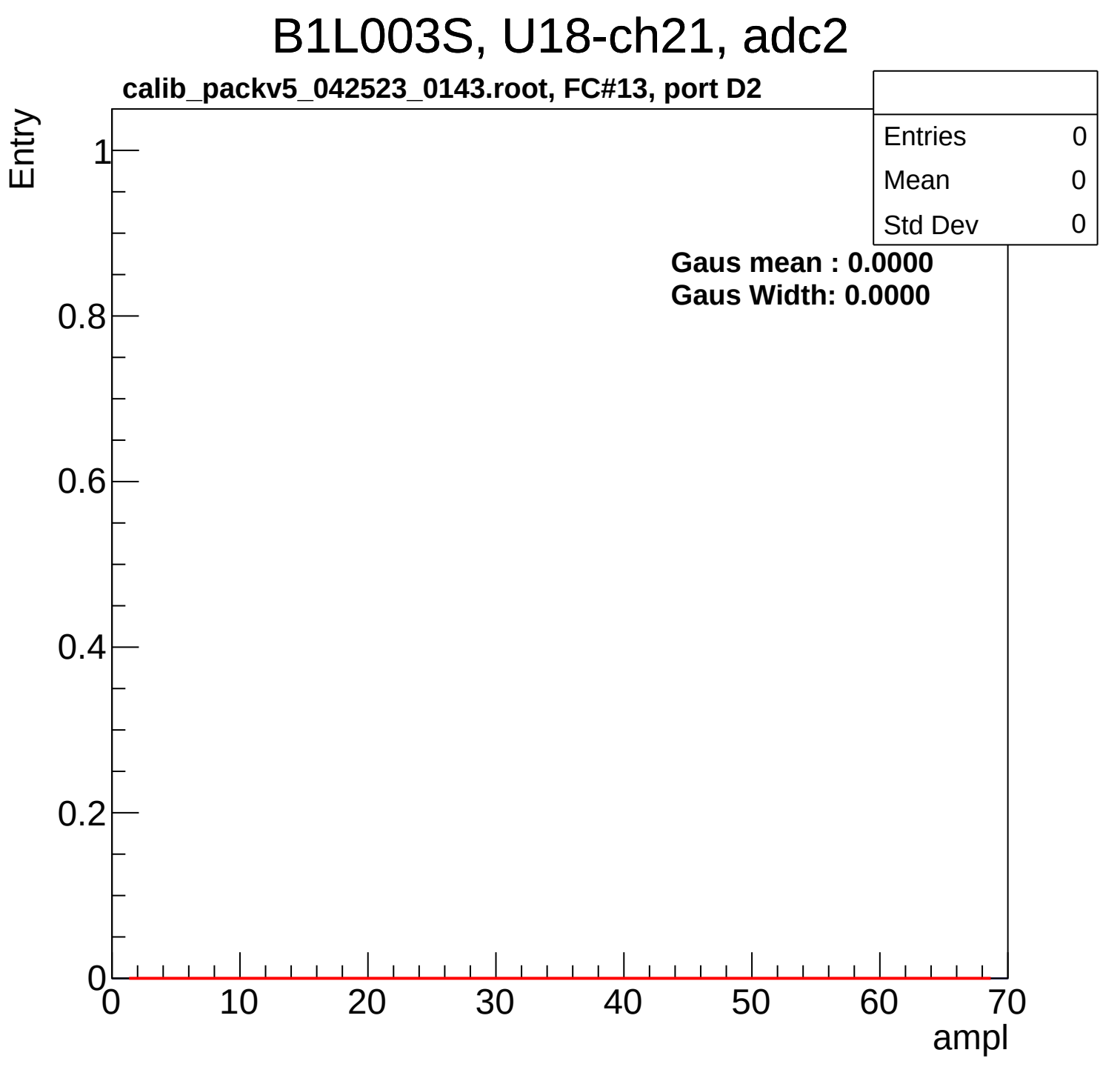

B1L003S, U18-ch20, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

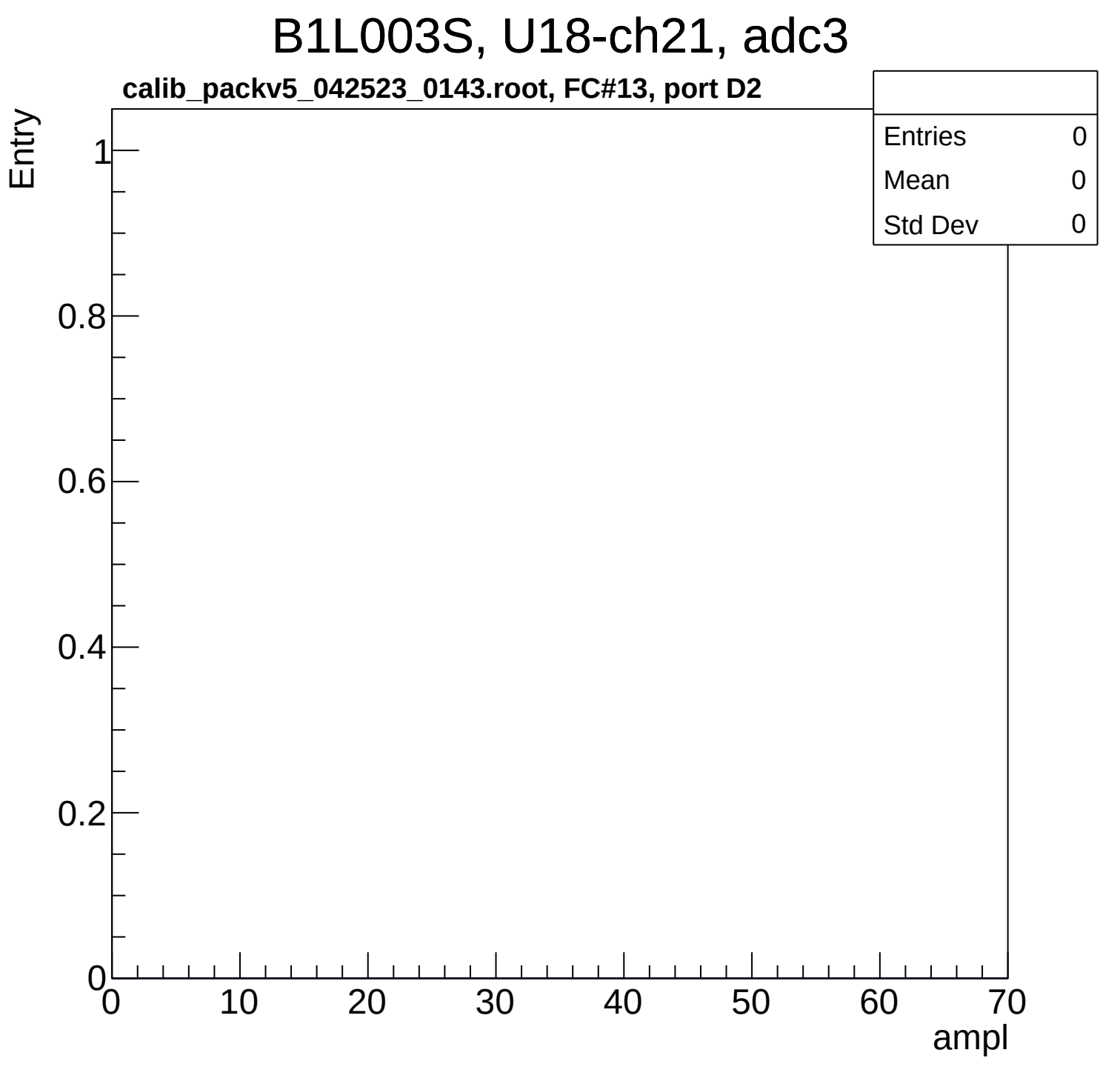

B1L003S, U18-ch20, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

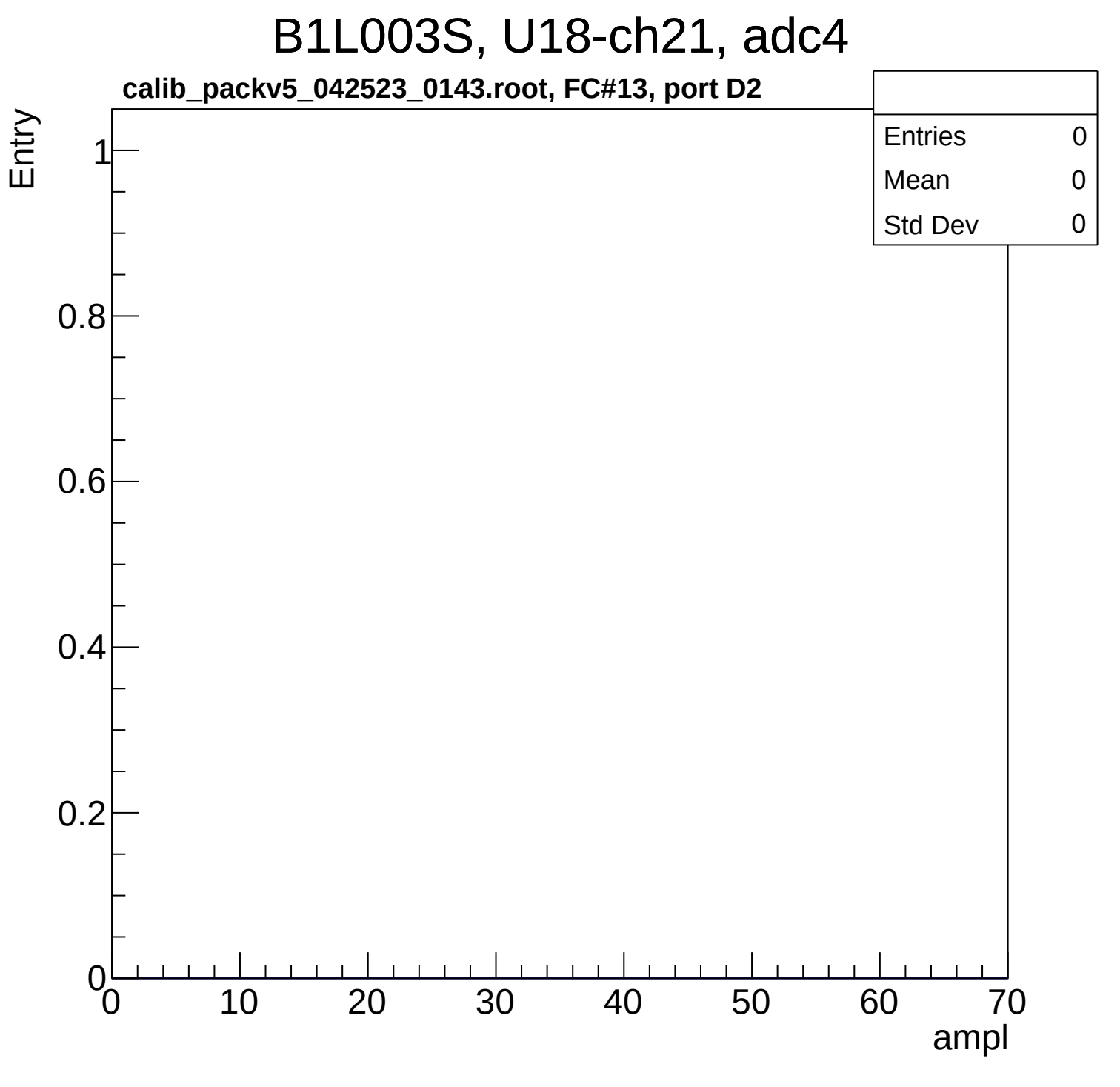

B1L003S, U18-ch20, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

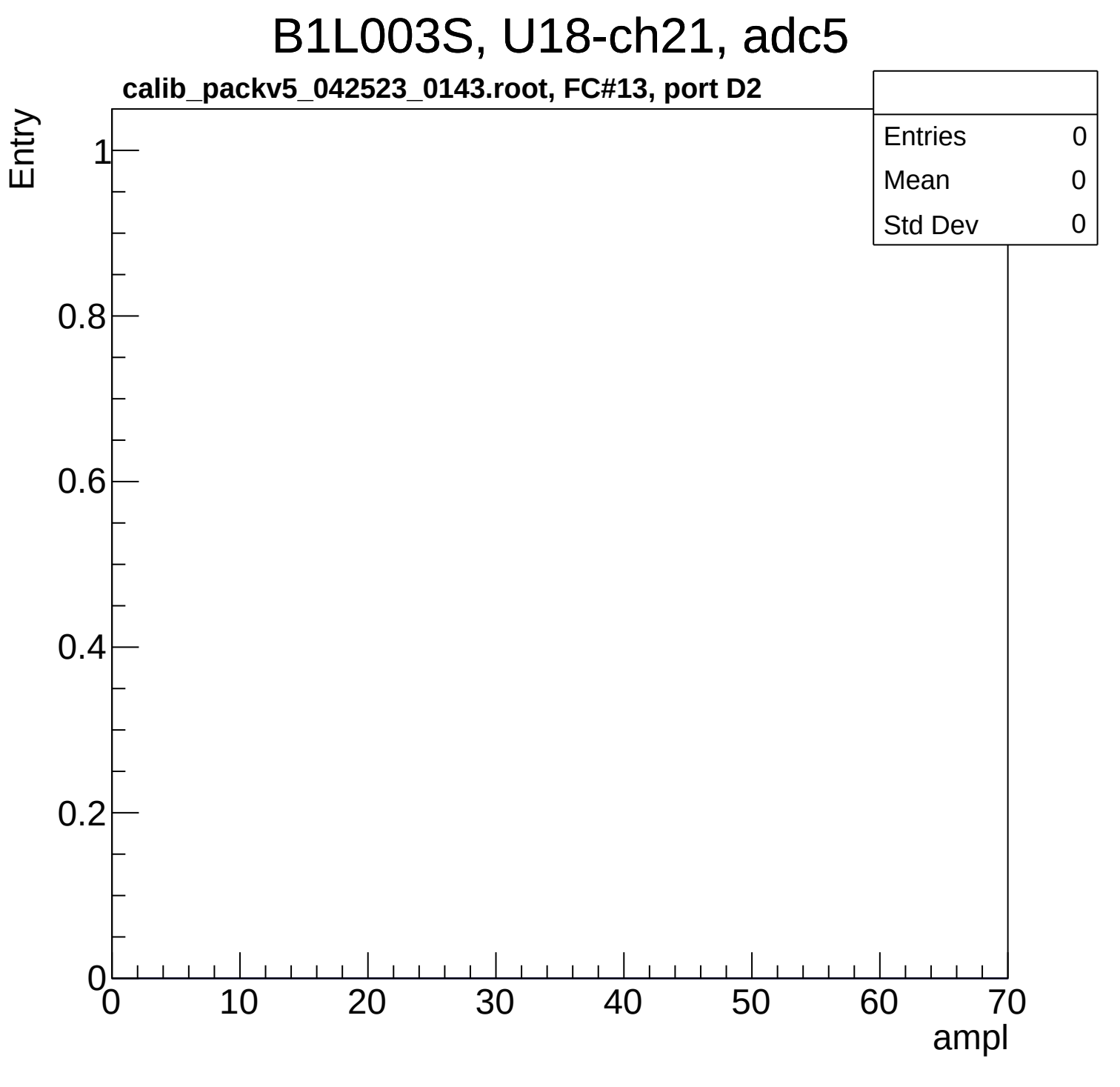

B1L003S, U18-ch21, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

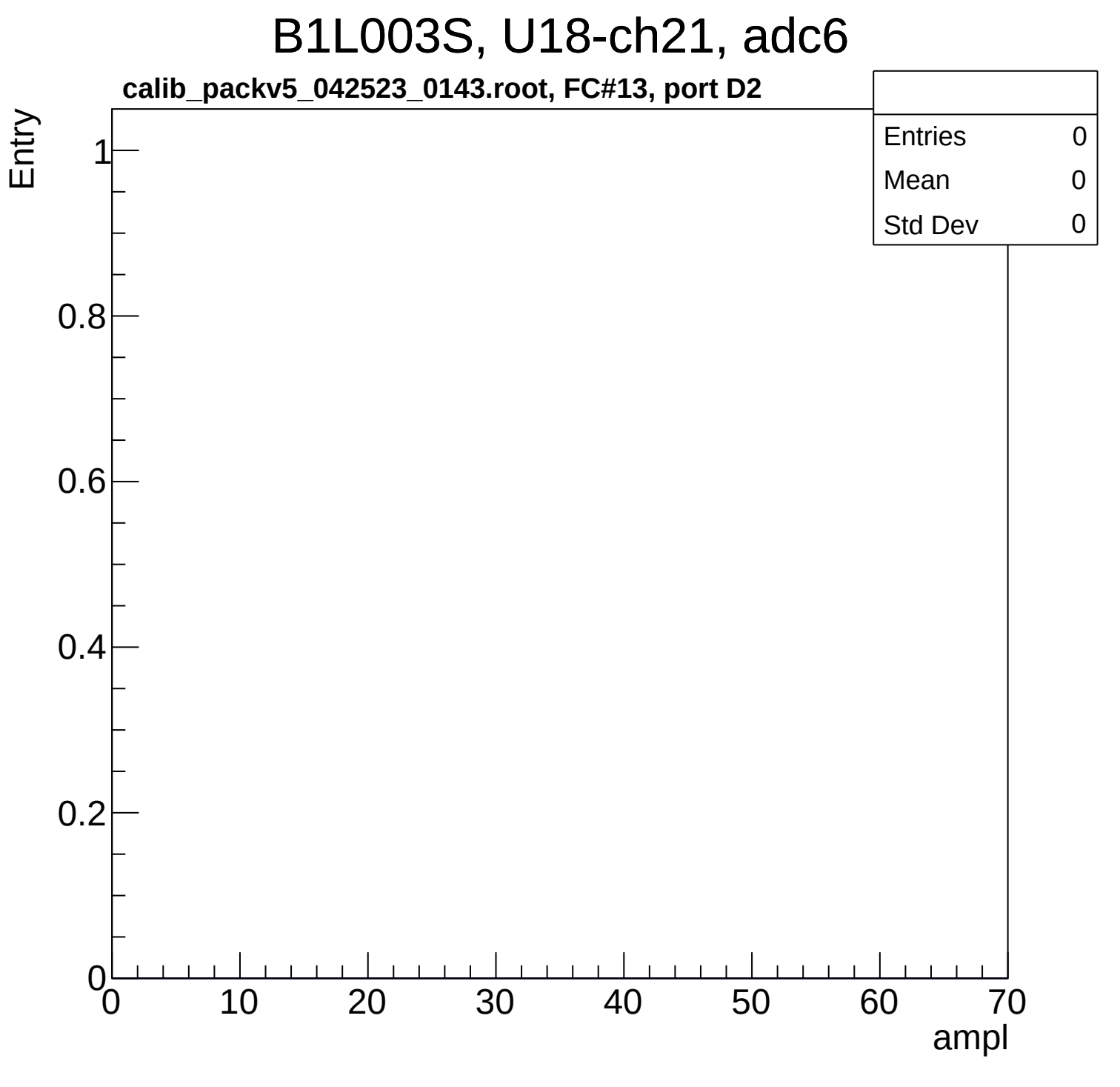

B1L003S, U18-ch21, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

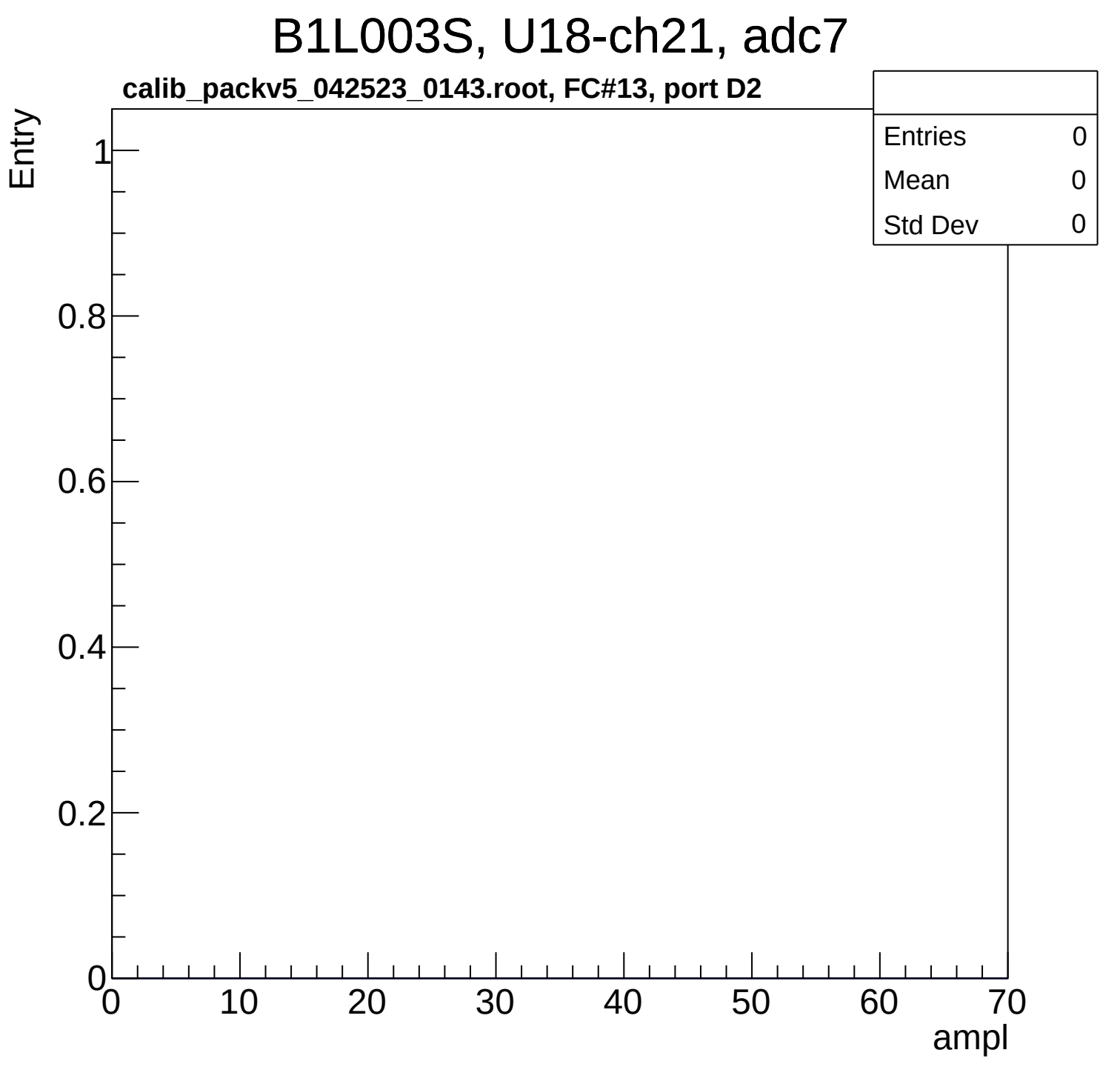

B1L003S, U18-ch21, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

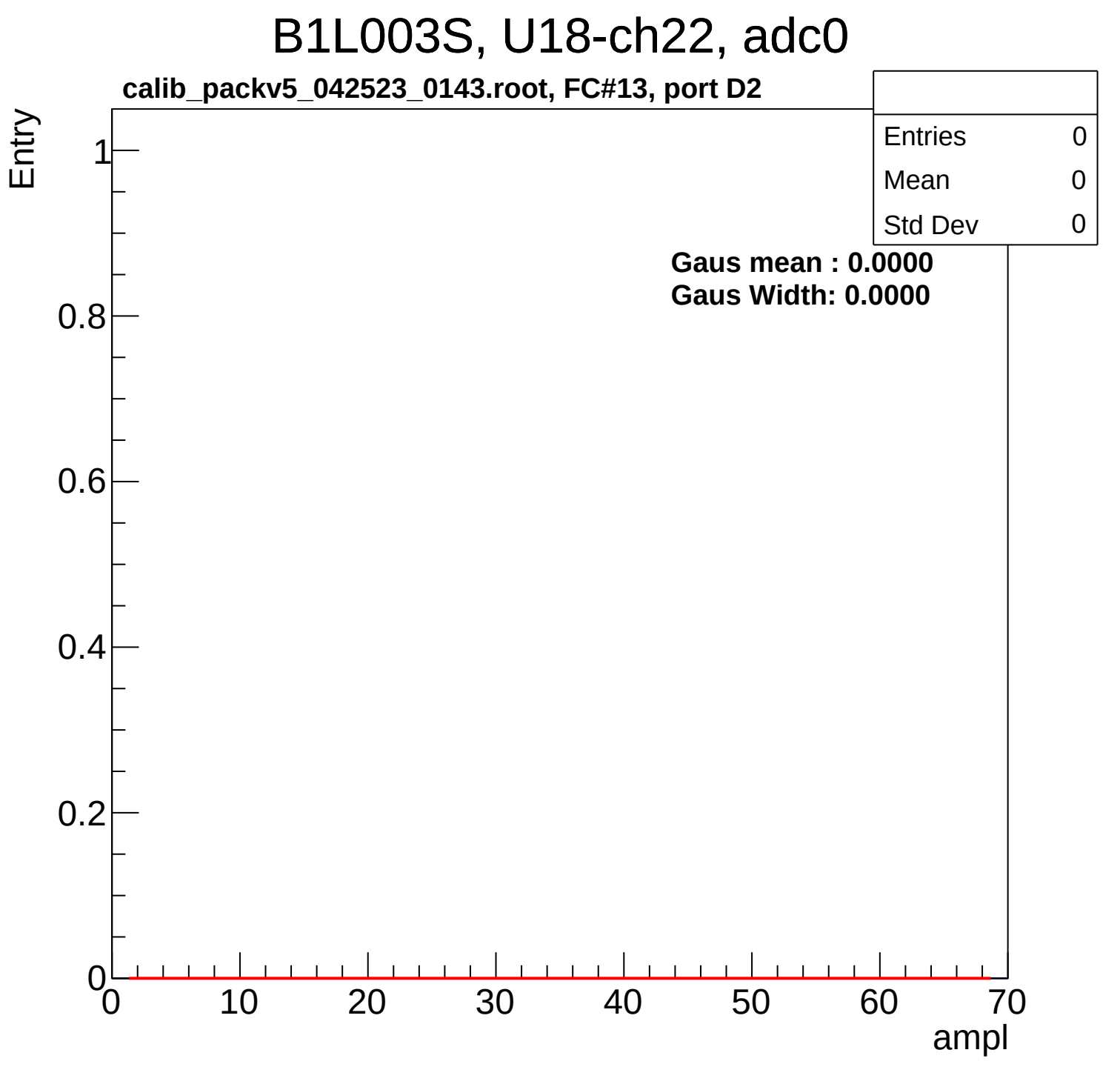

B1L003S, U18-ch21, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

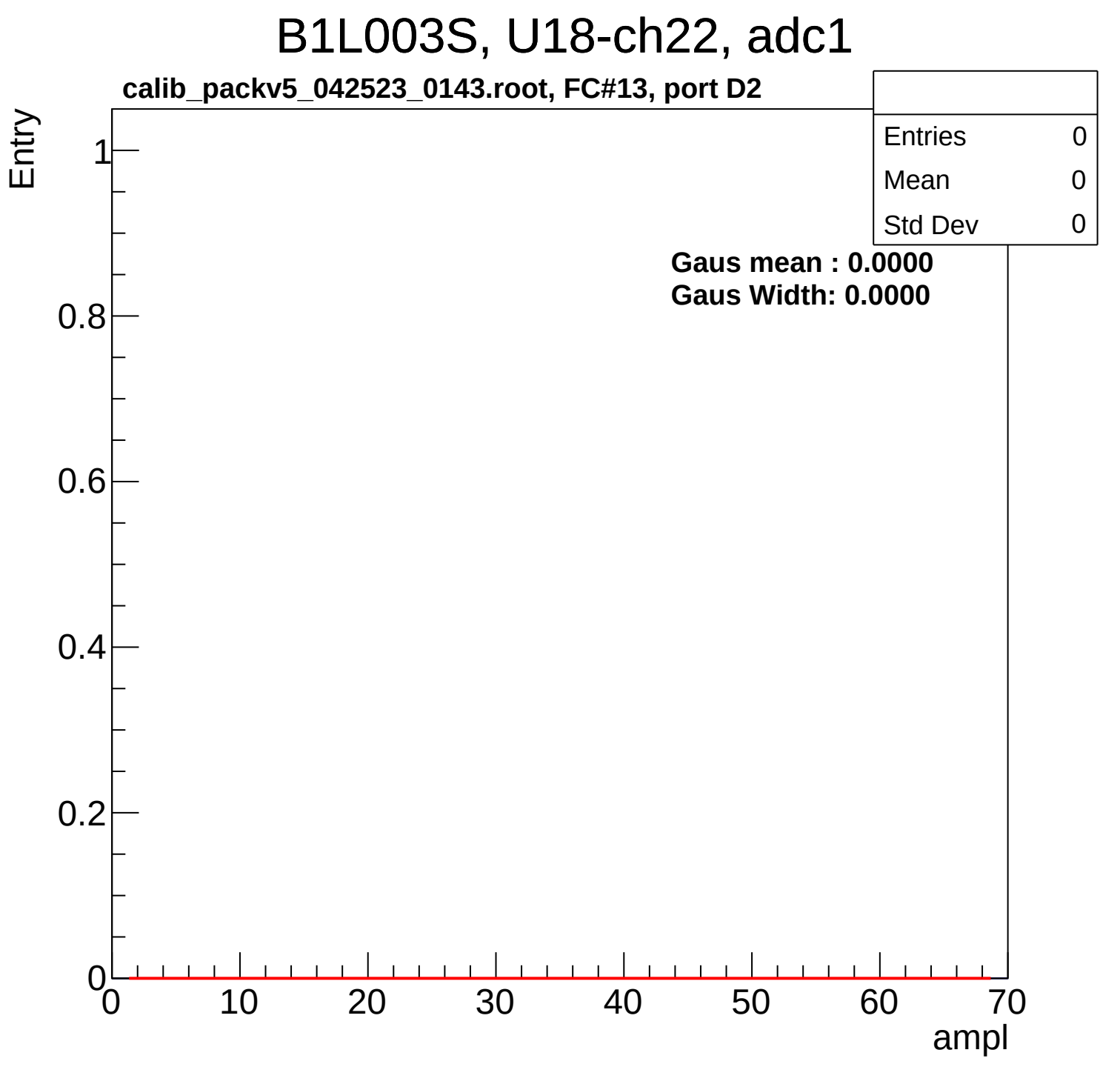

B1L003S, U18-ch21, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

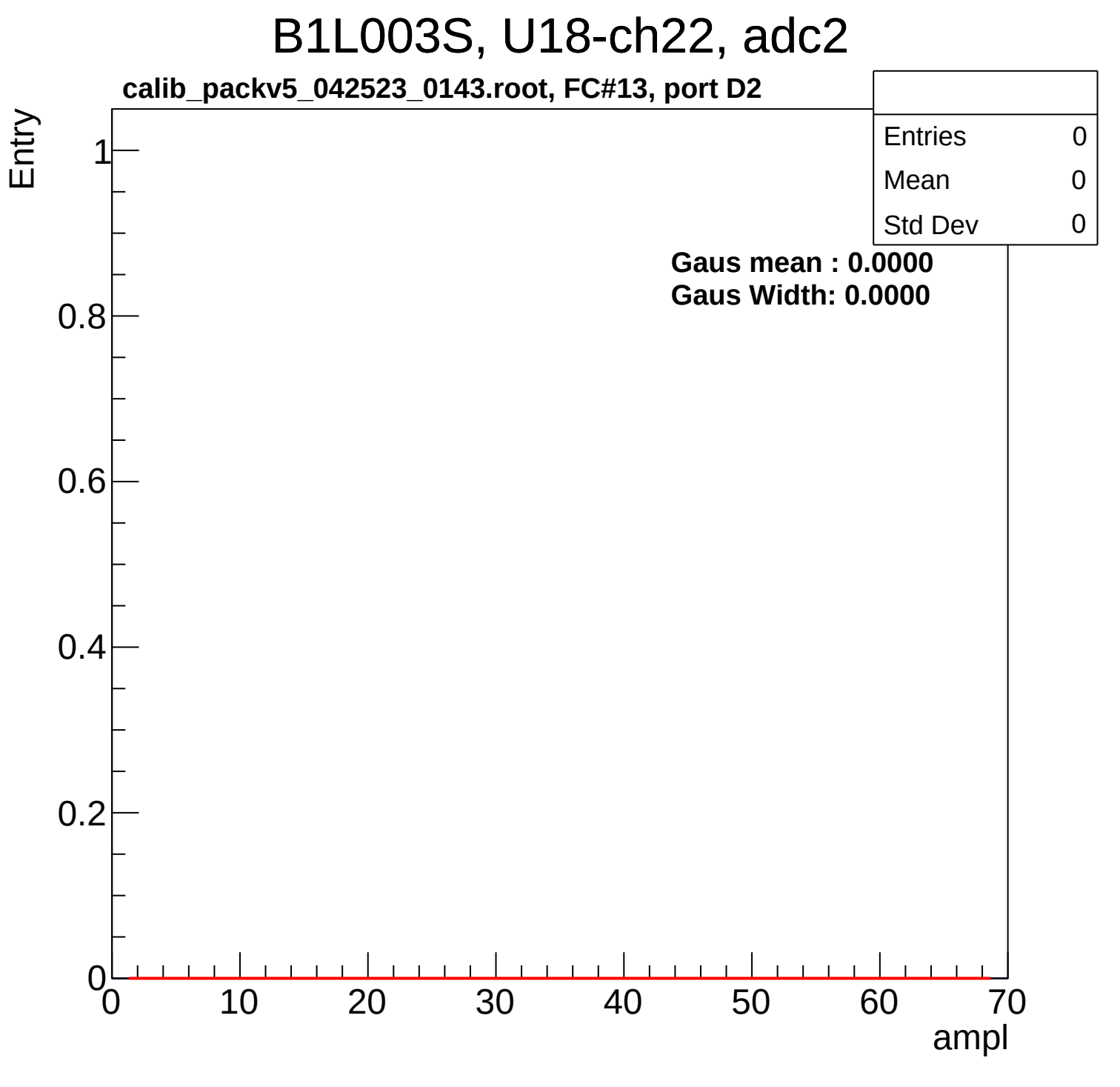

B1L003S, U18-ch21, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

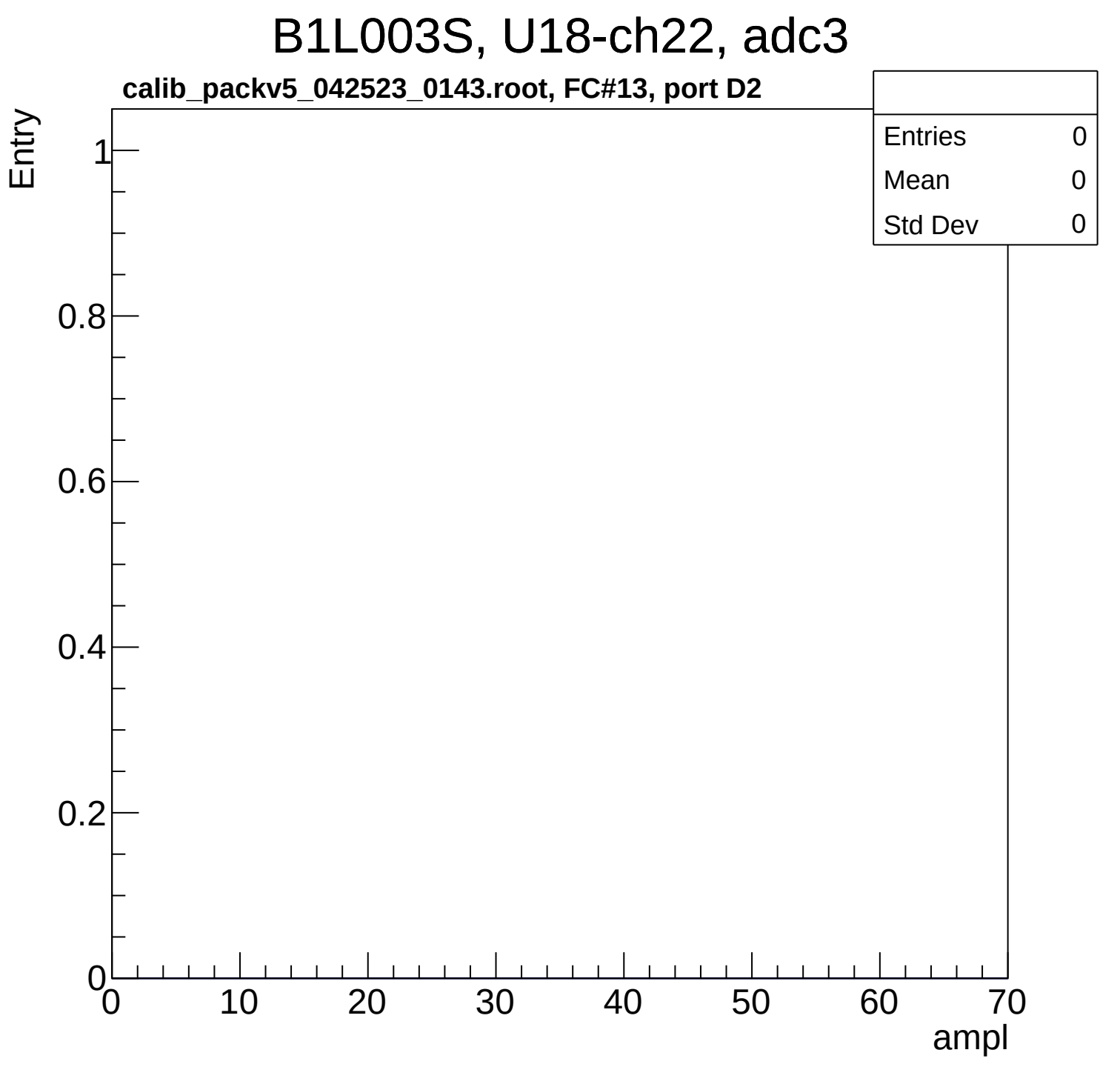

B1L003S, U18-ch21, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

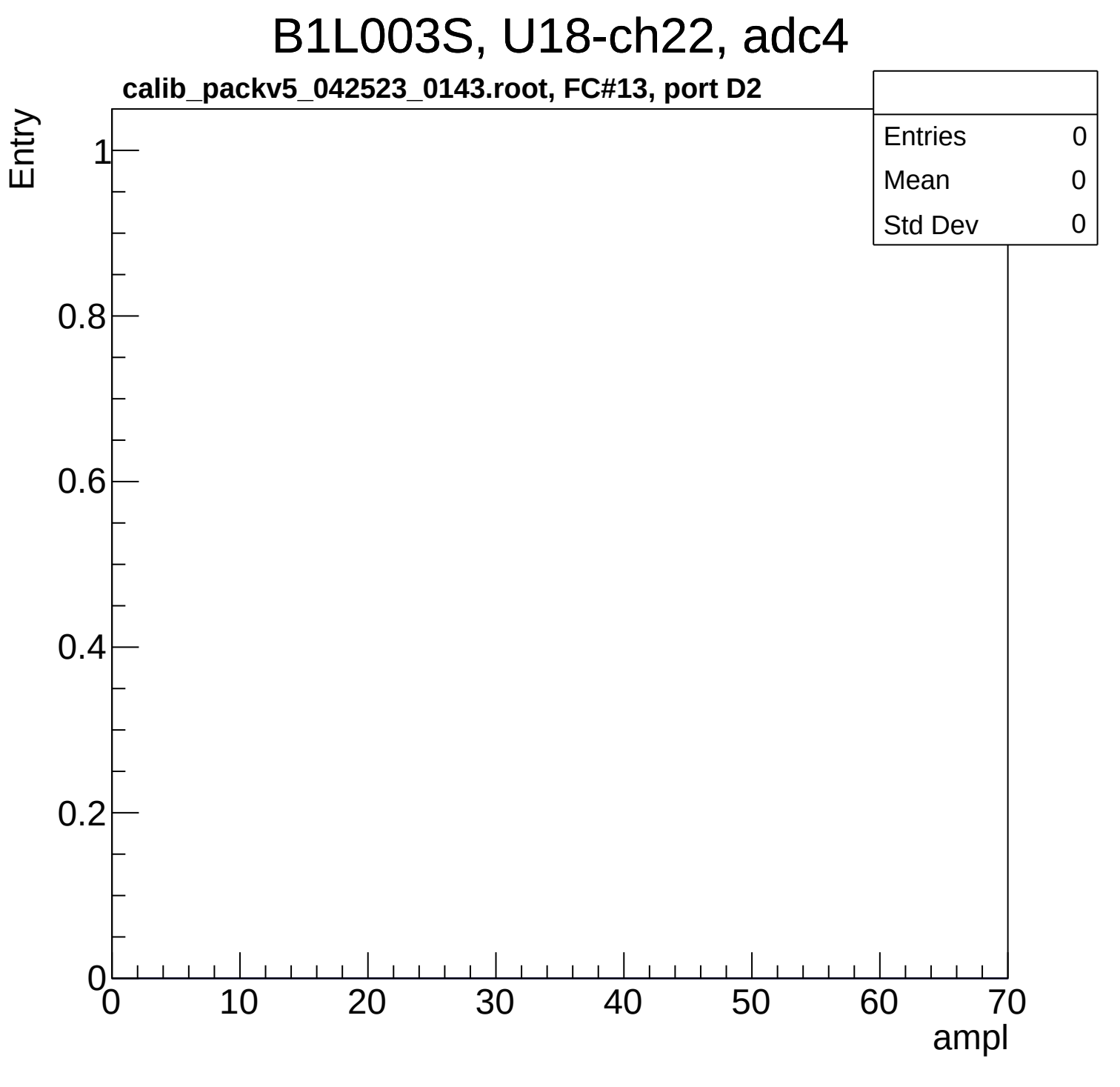

B1L003S, U18-ch21, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

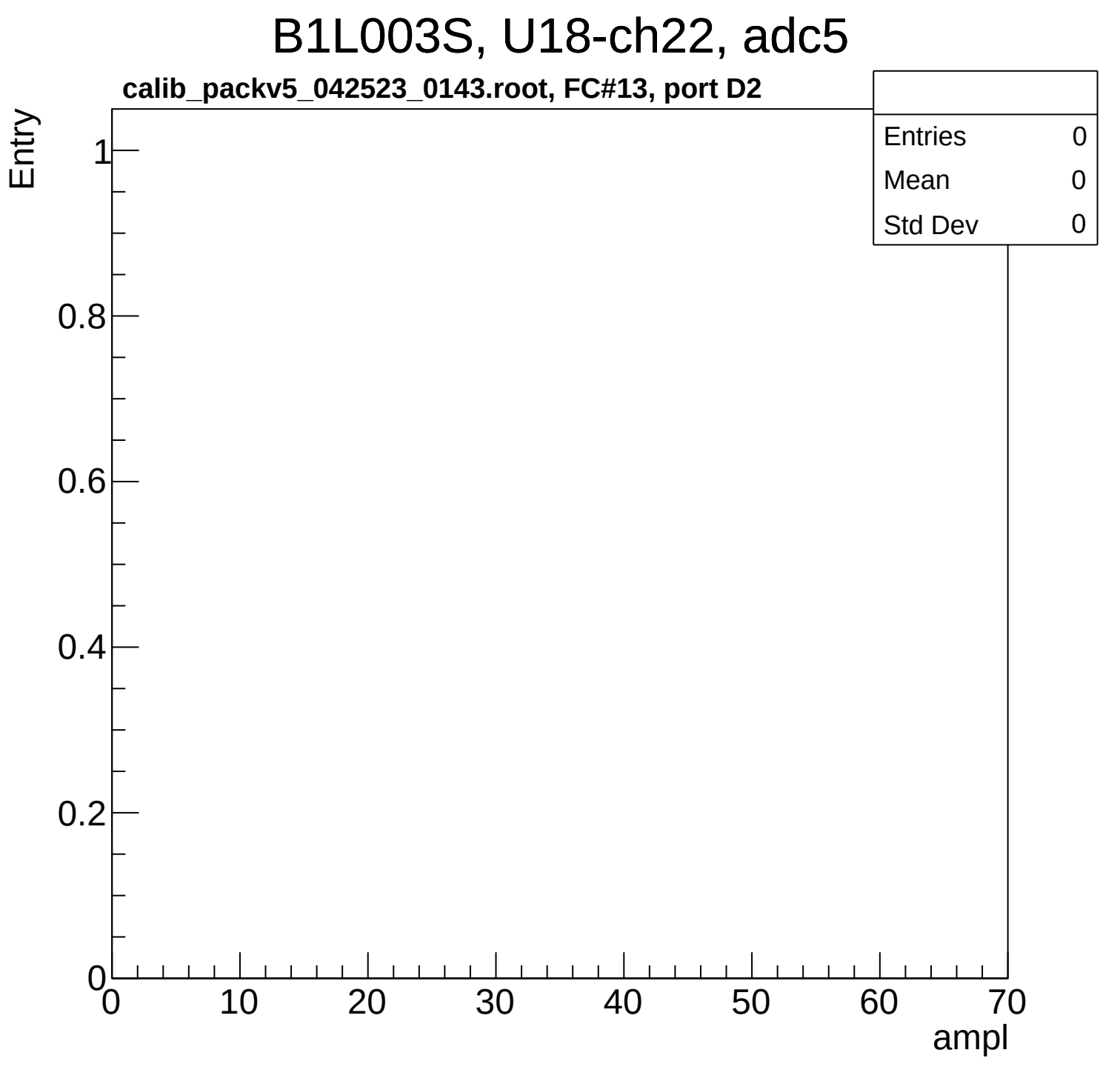

B1L003S, U18-ch22, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

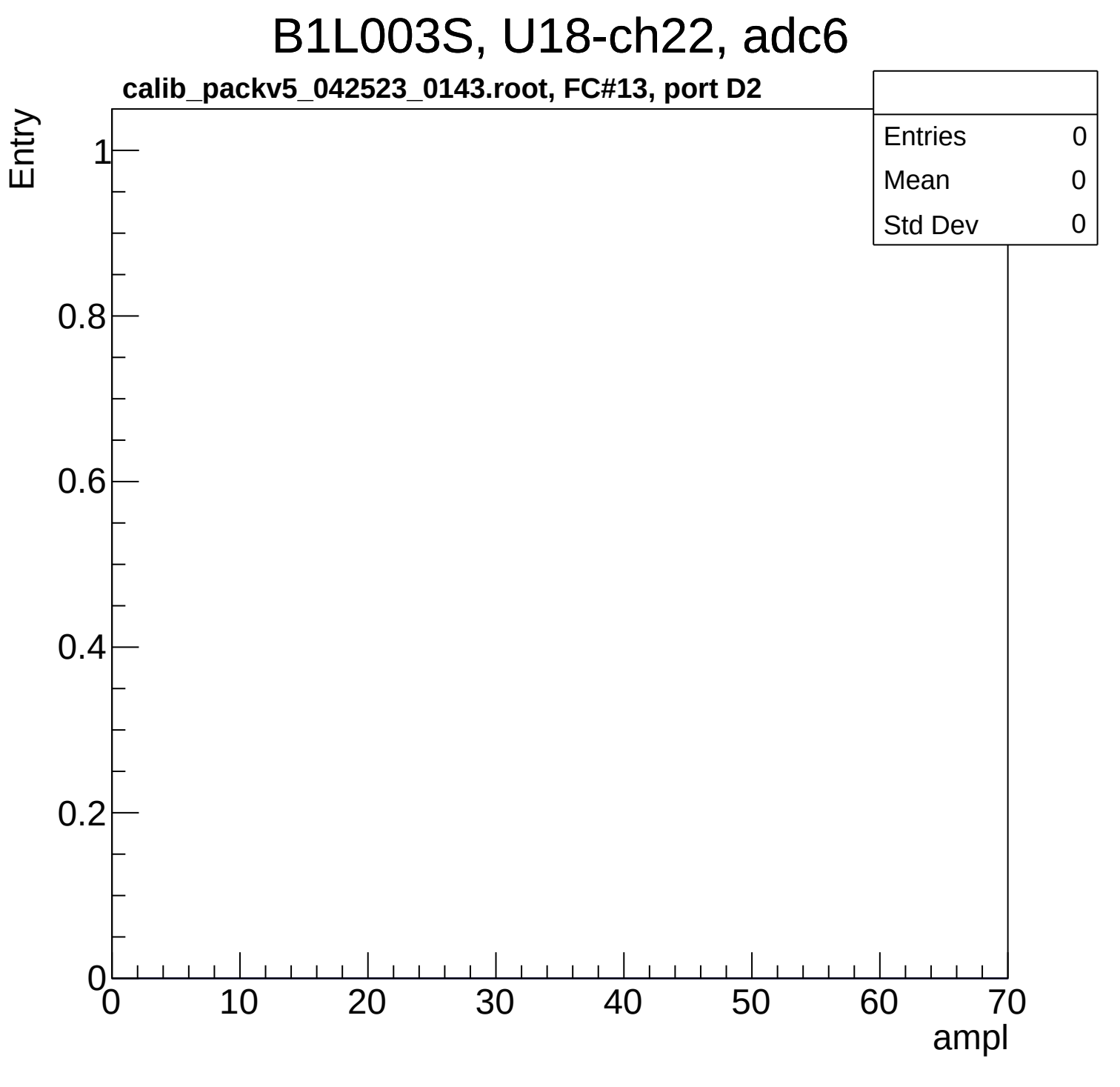

B1L003S, U18-ch22, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

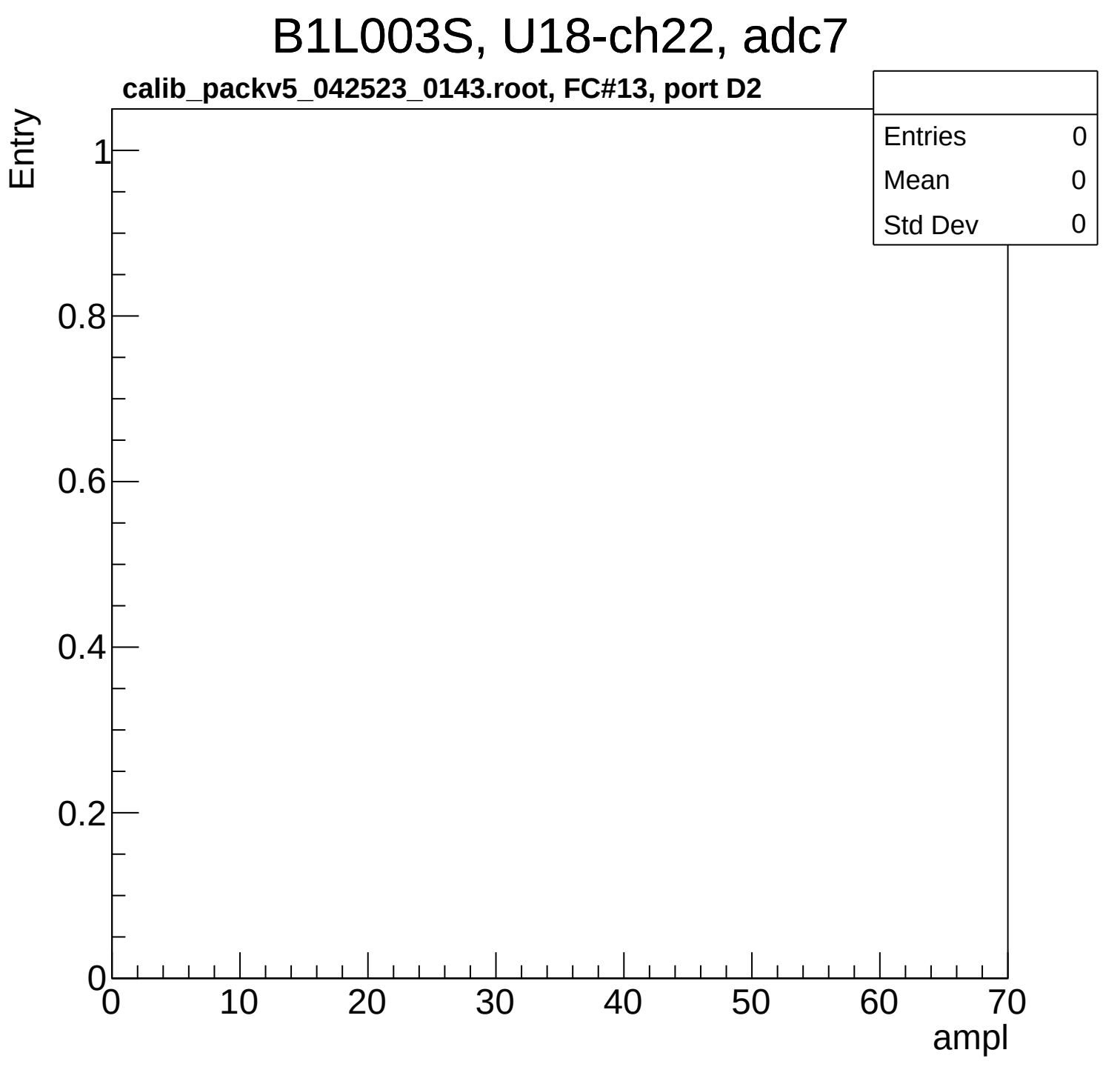

B1L003S, U18-ch22, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

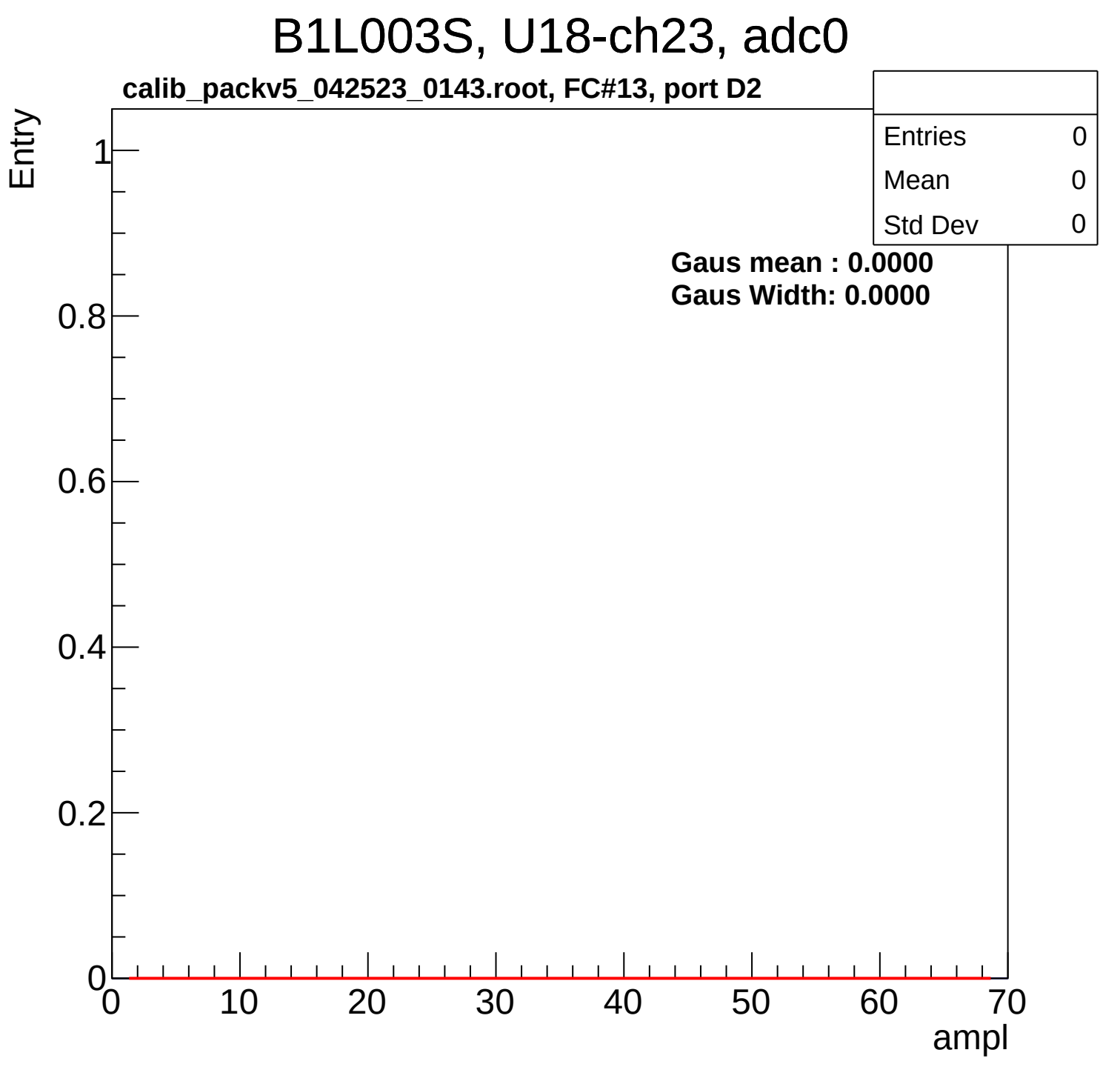

B1L003S, U18-ch22, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

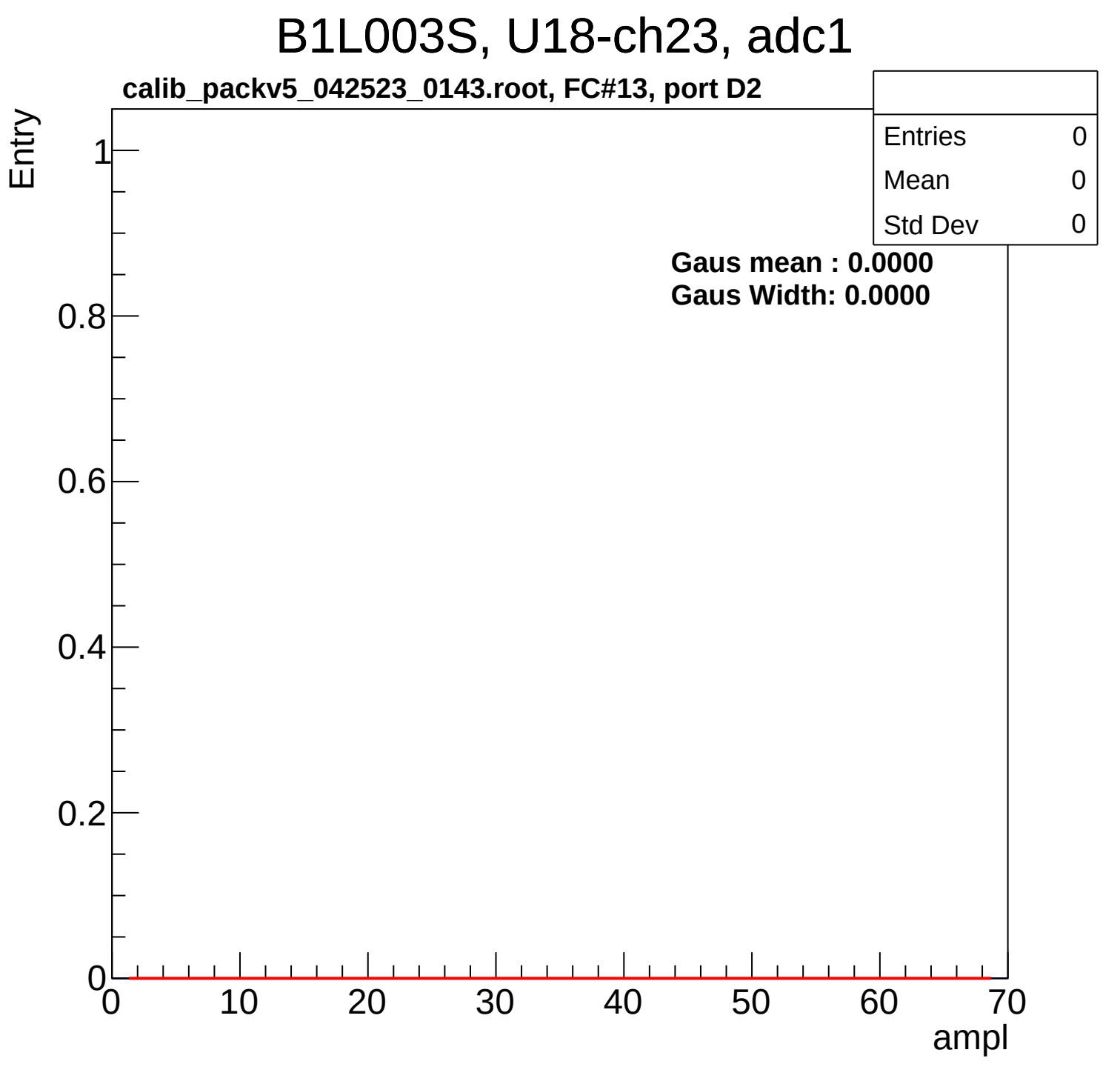

B1L003S, U18-ch22, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

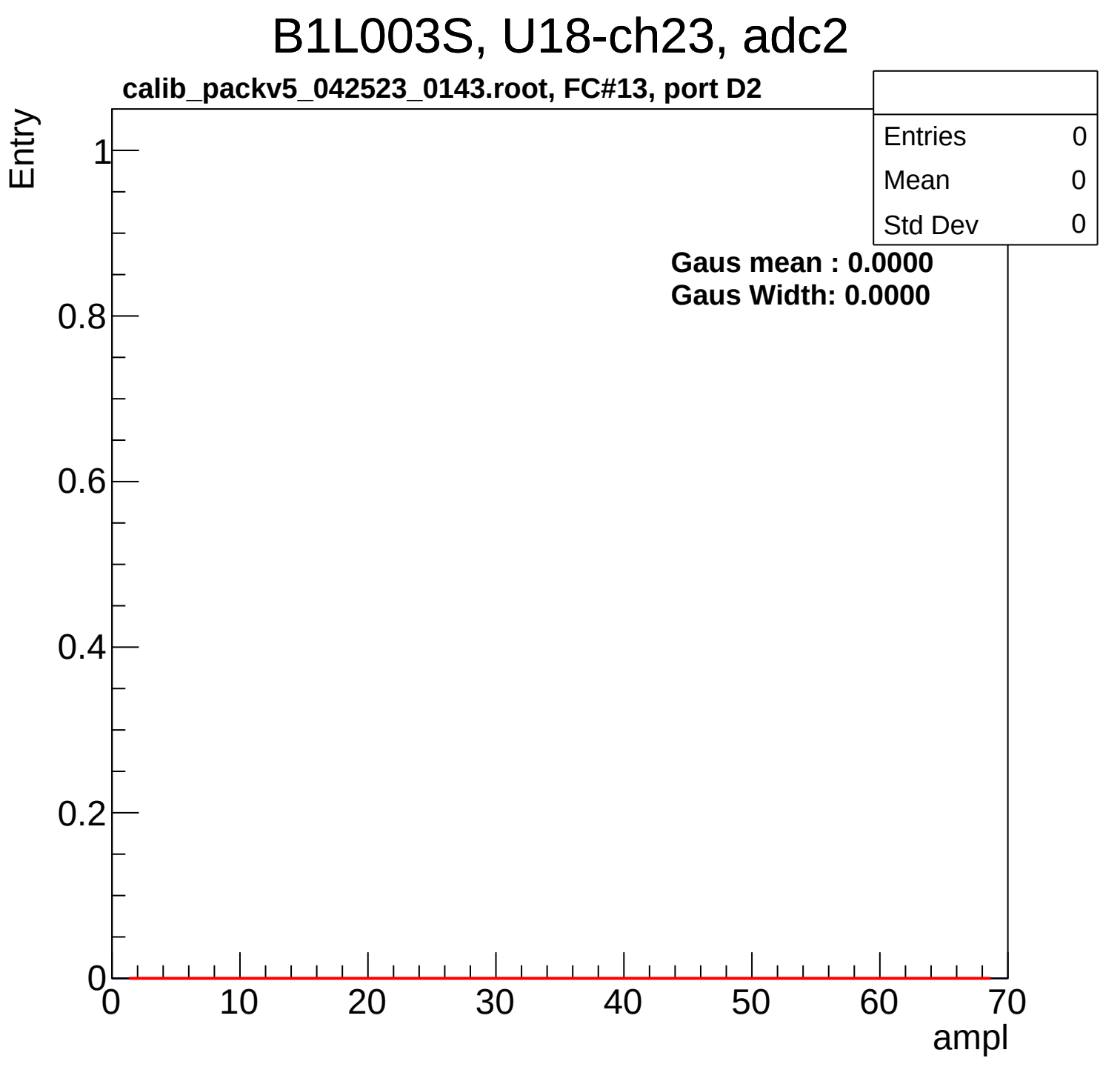

B1L003S, U18-ch22, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

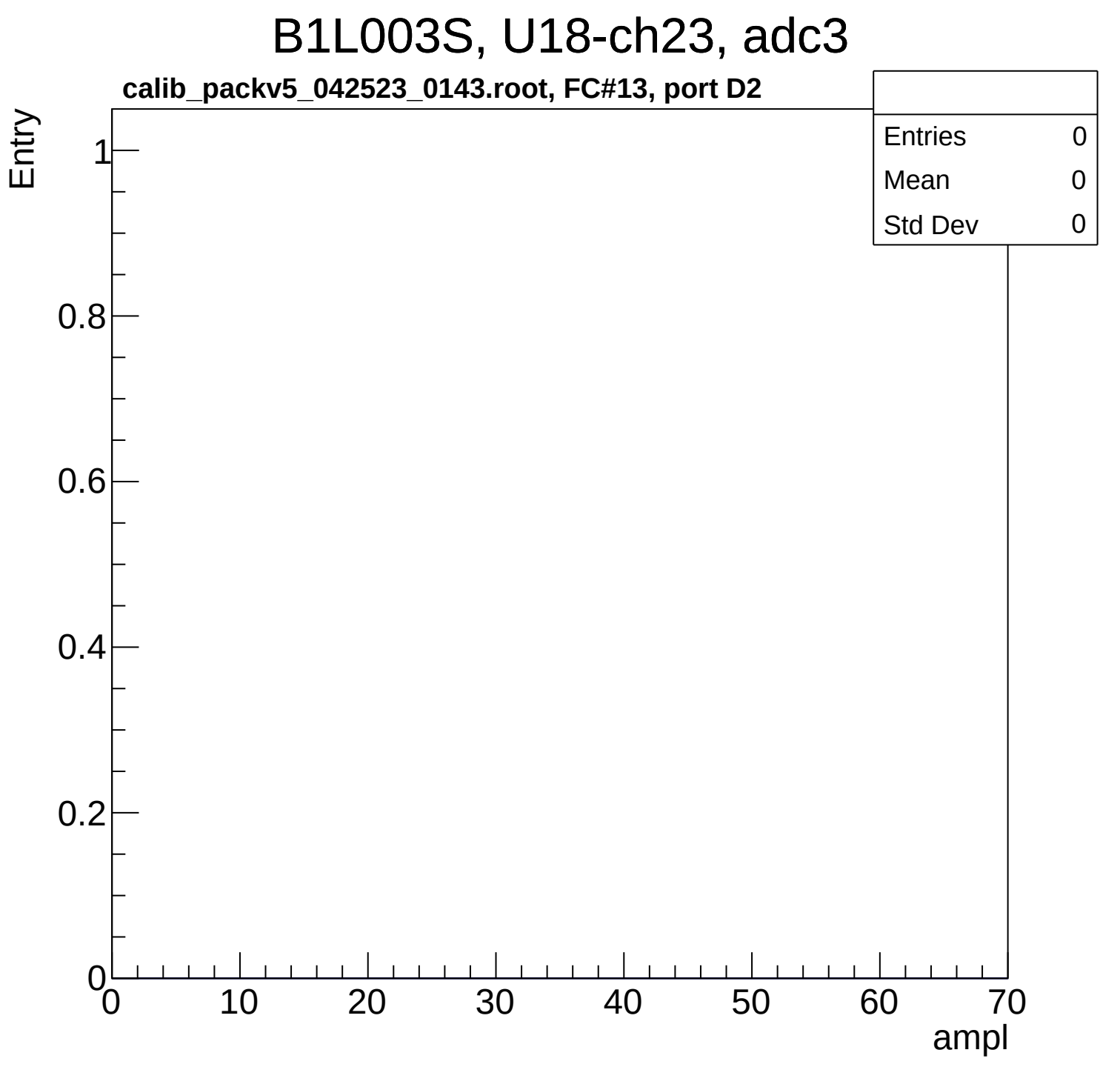

B1L003S, U18-ch22, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

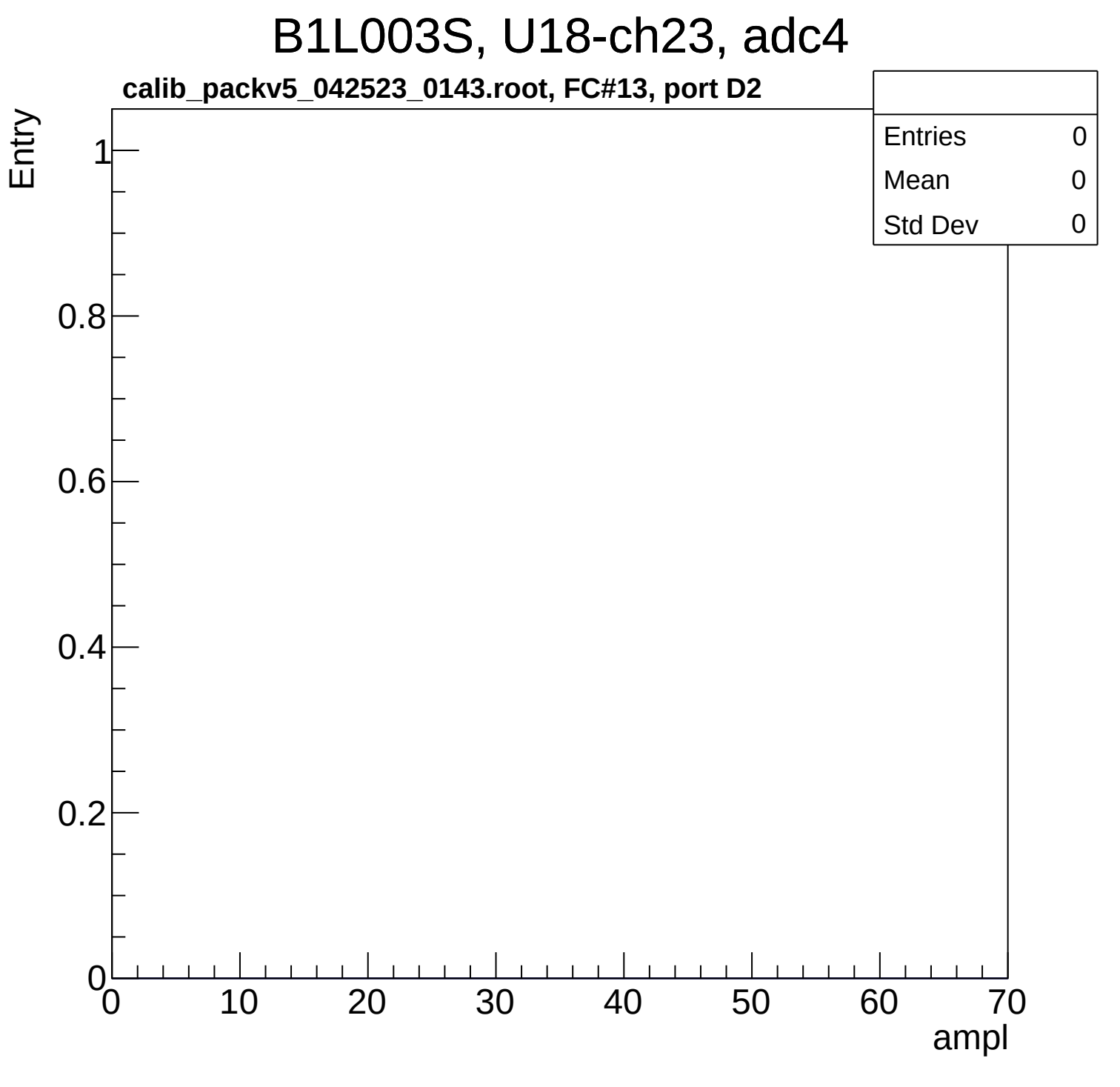

B1L003S, U18-ch22, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

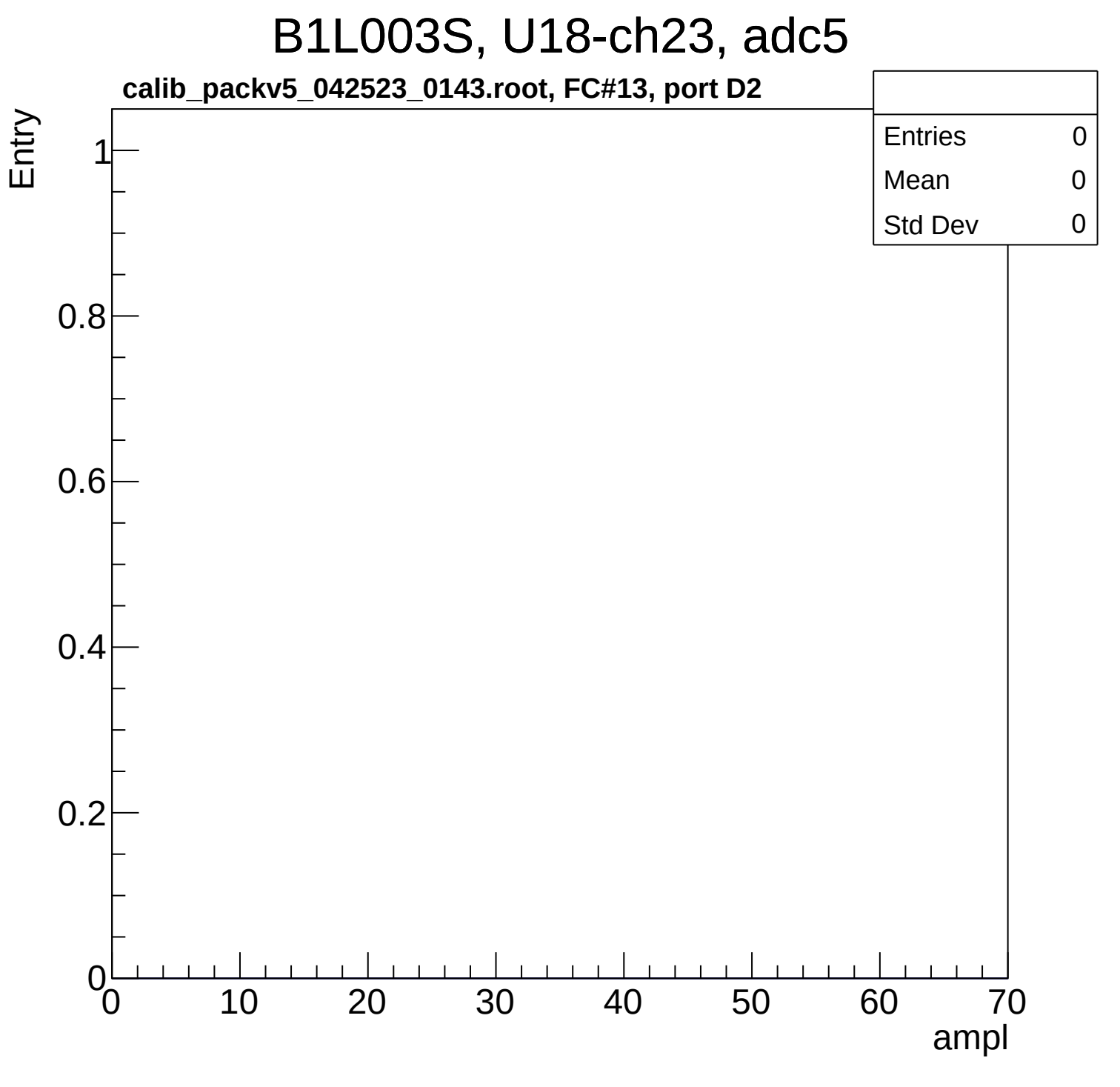

B1L003S, U18-ch23, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

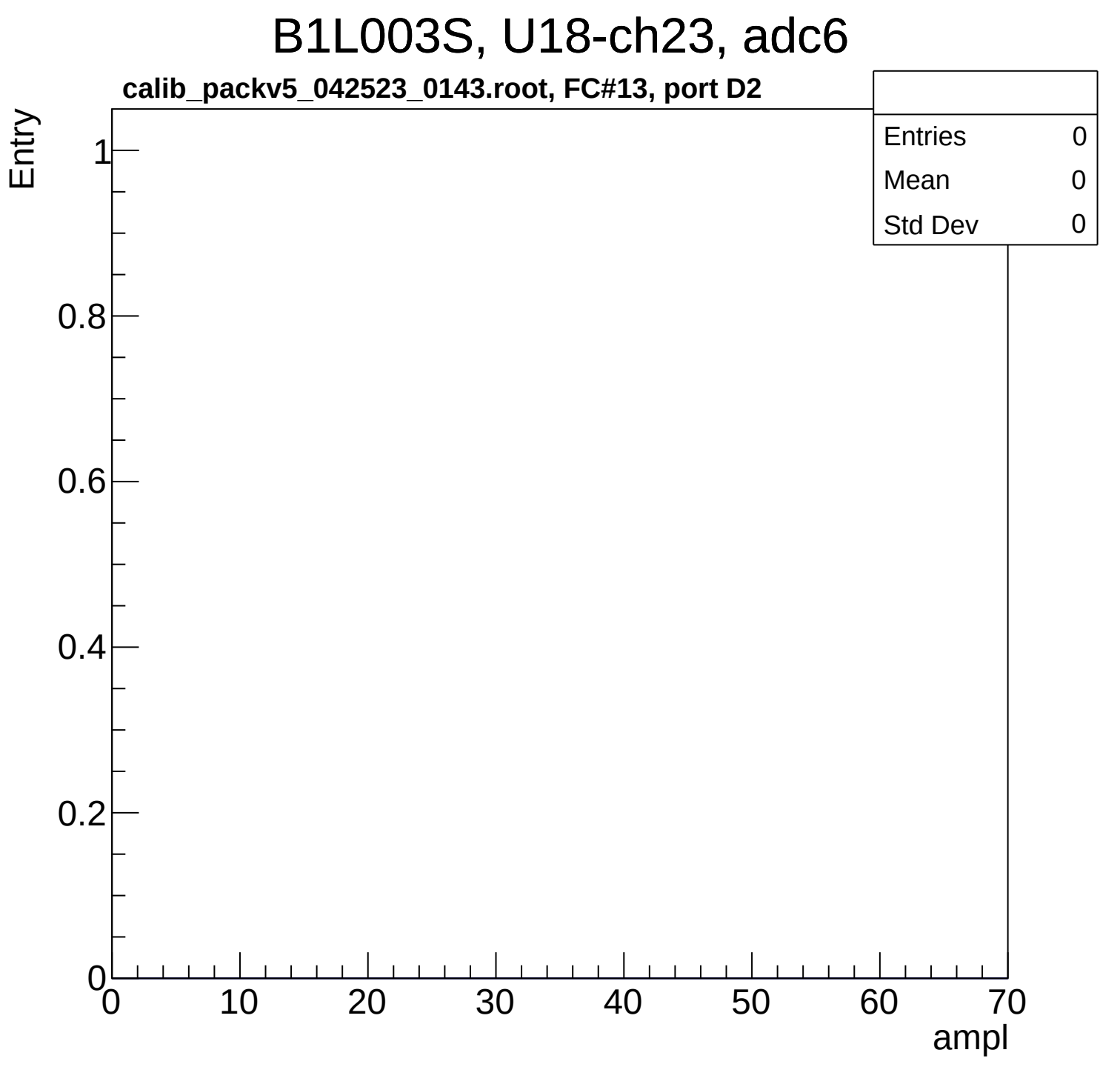

B1L003S, U18-ch23, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

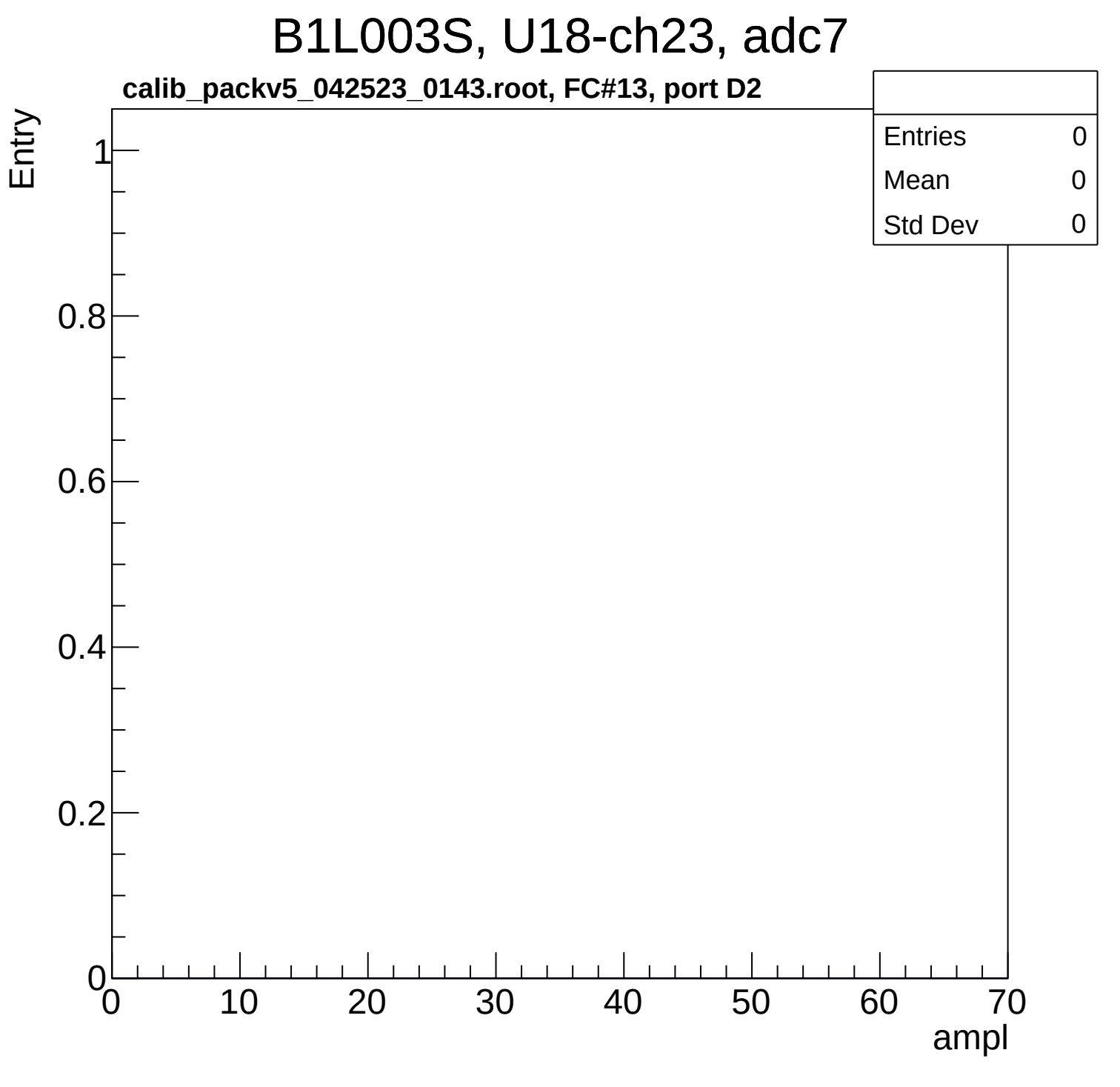

B1L003S, U18-ch23, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

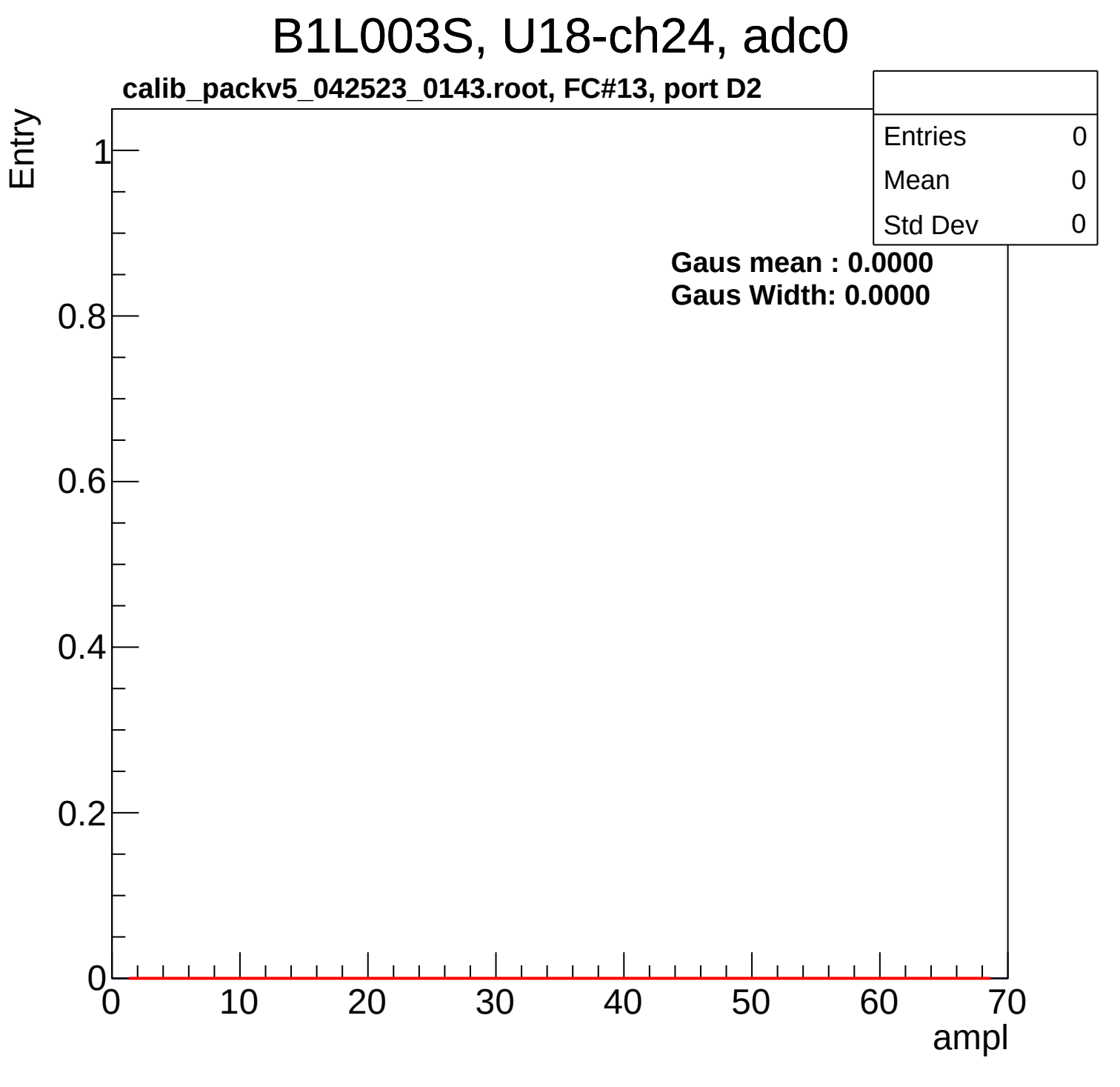

B1L003S, U18-ch23, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

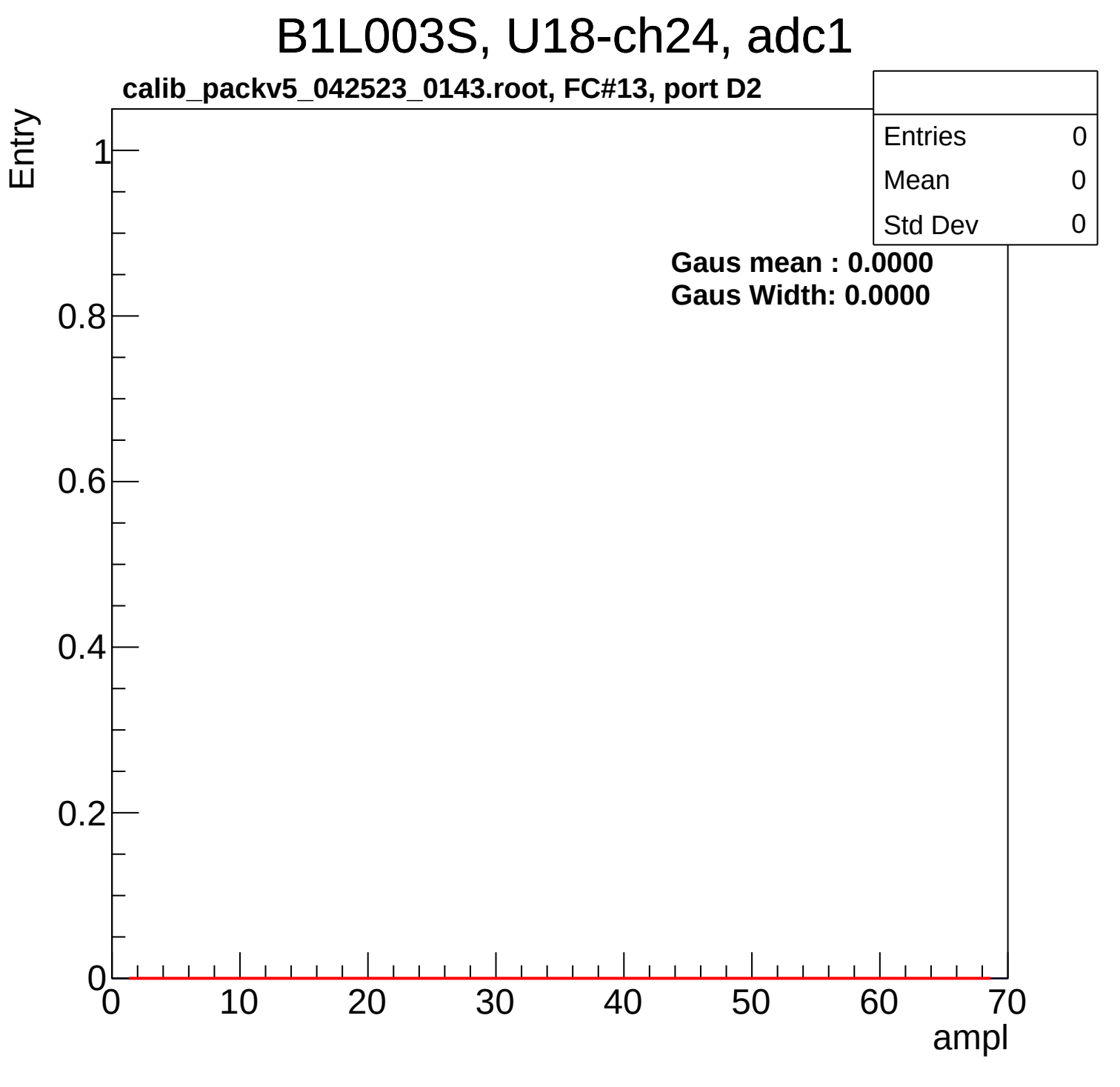

B1L003S, U18-ch23, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

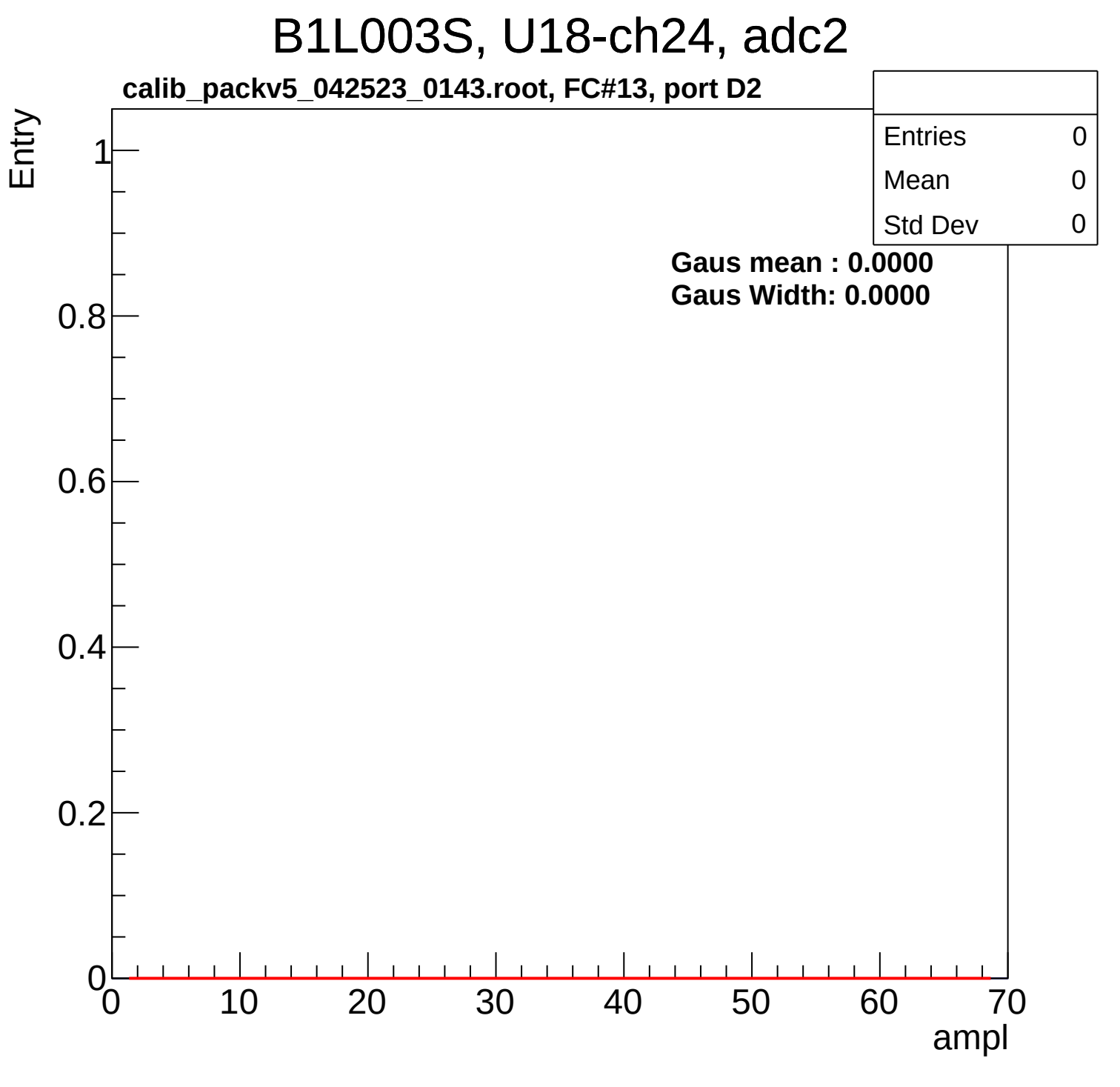

B1L003S, U18-ch23, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

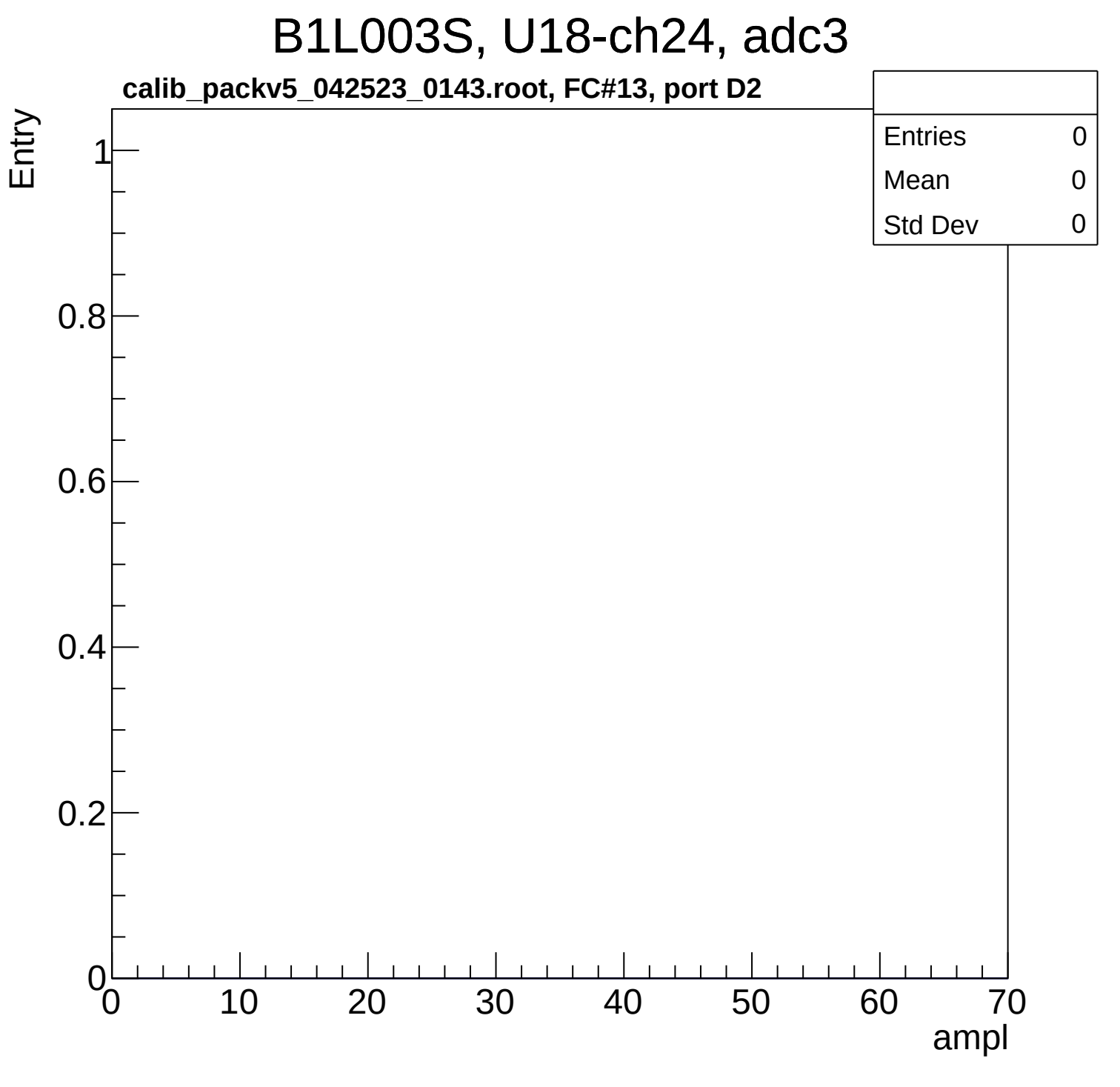

B1L003S, U18-ch23, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

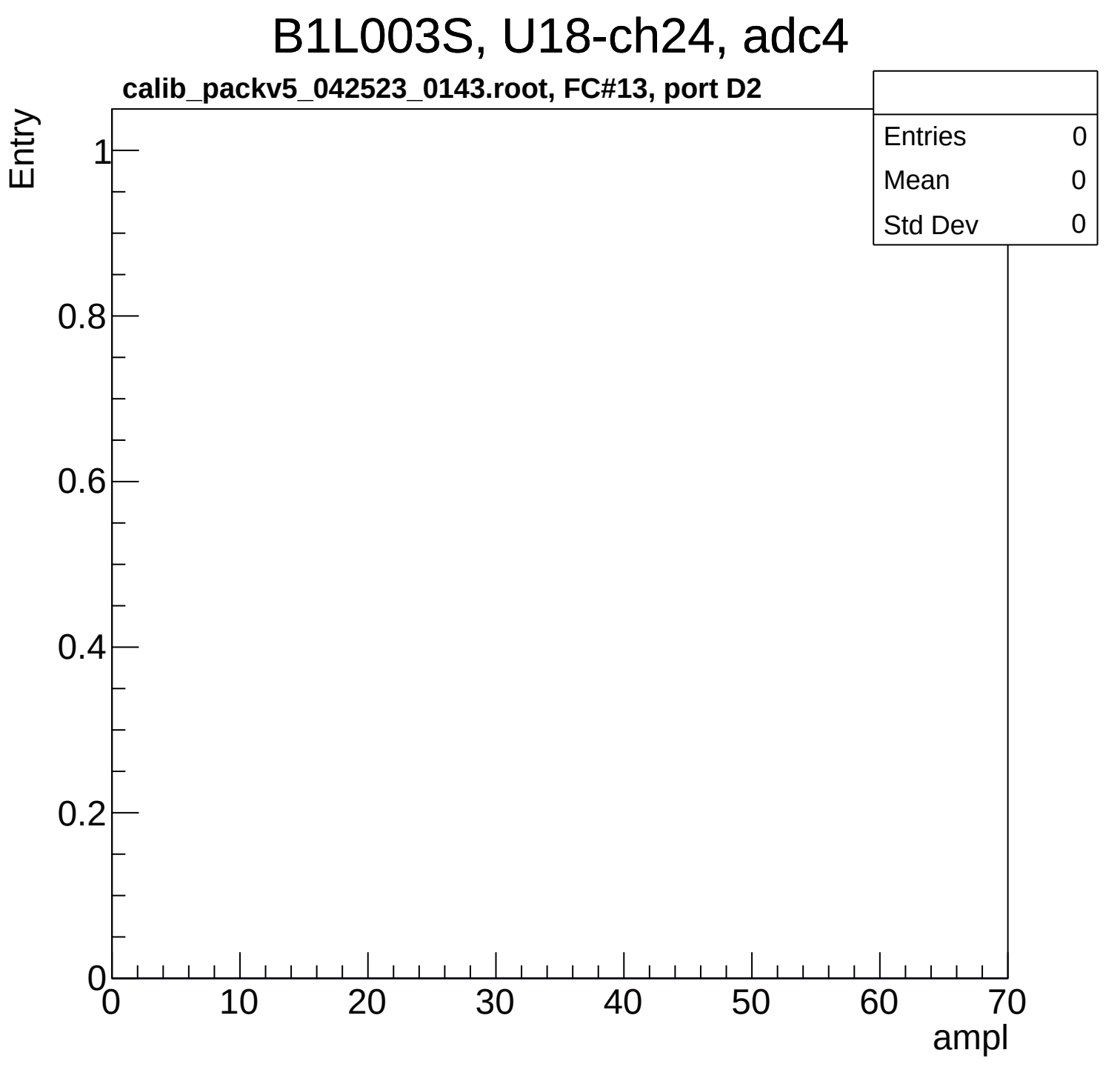

B1L003S, U18-ch23, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

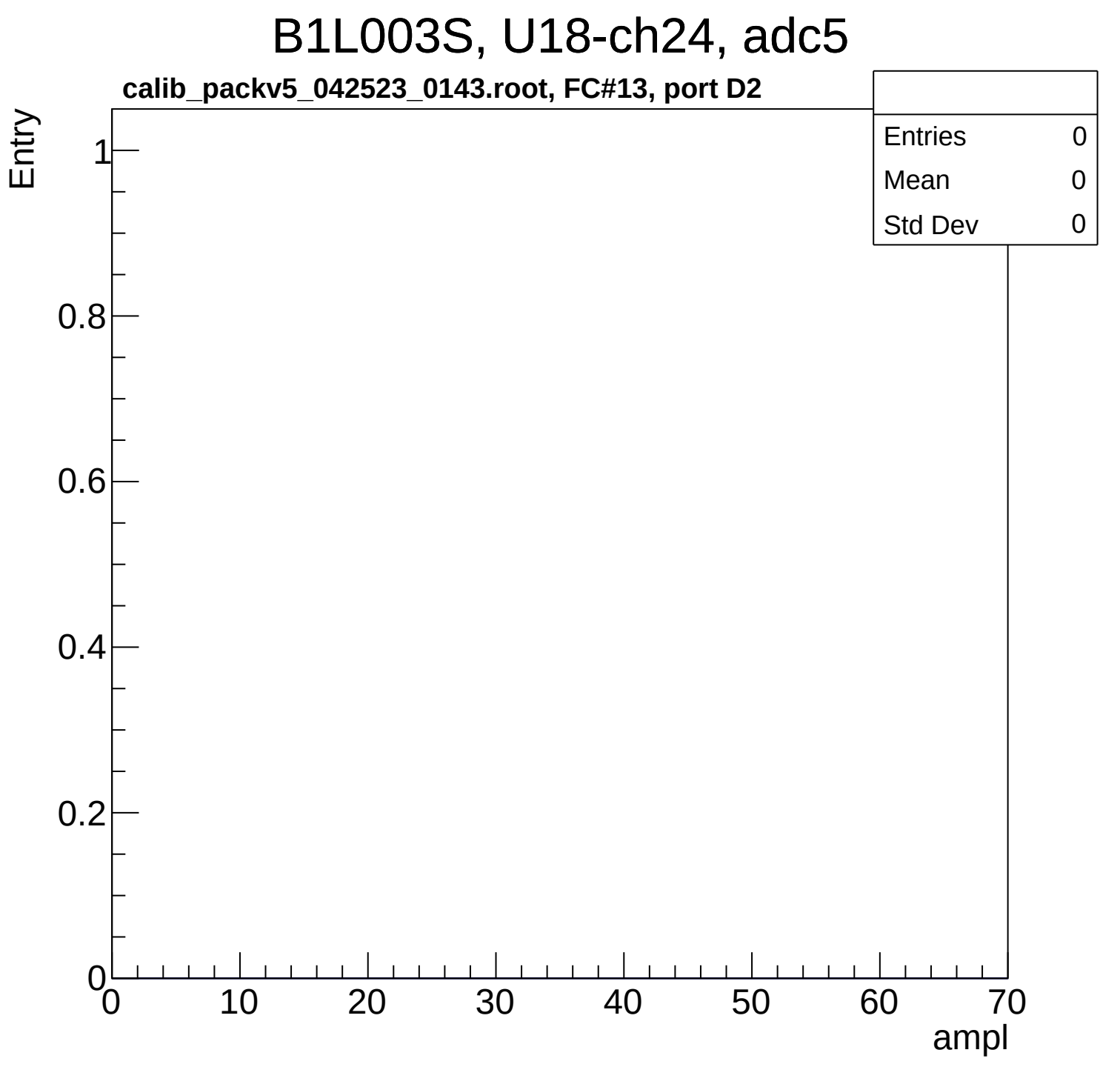

B1L003S, U18-ch24, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

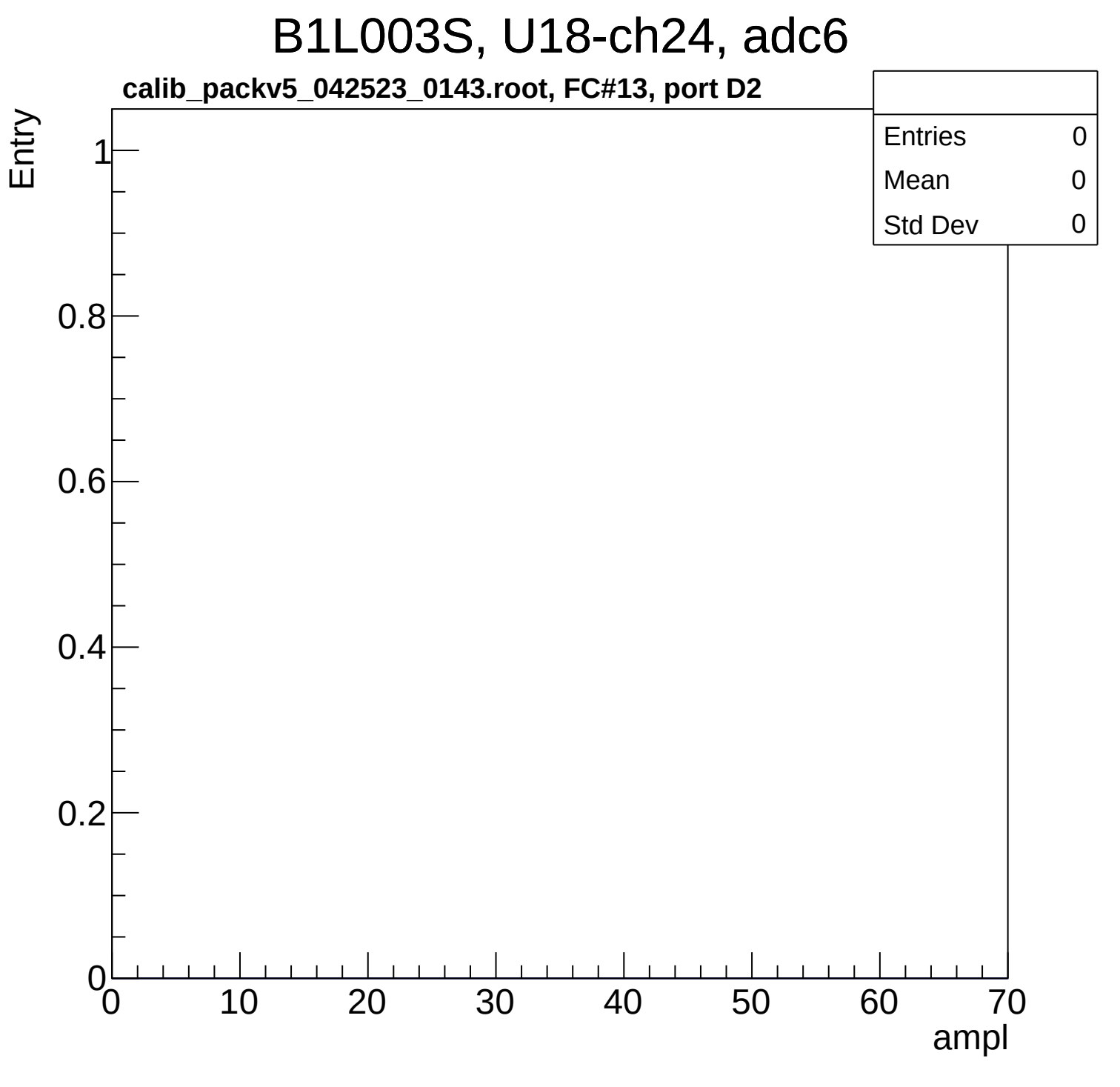

B1L003S, U18-ch24, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

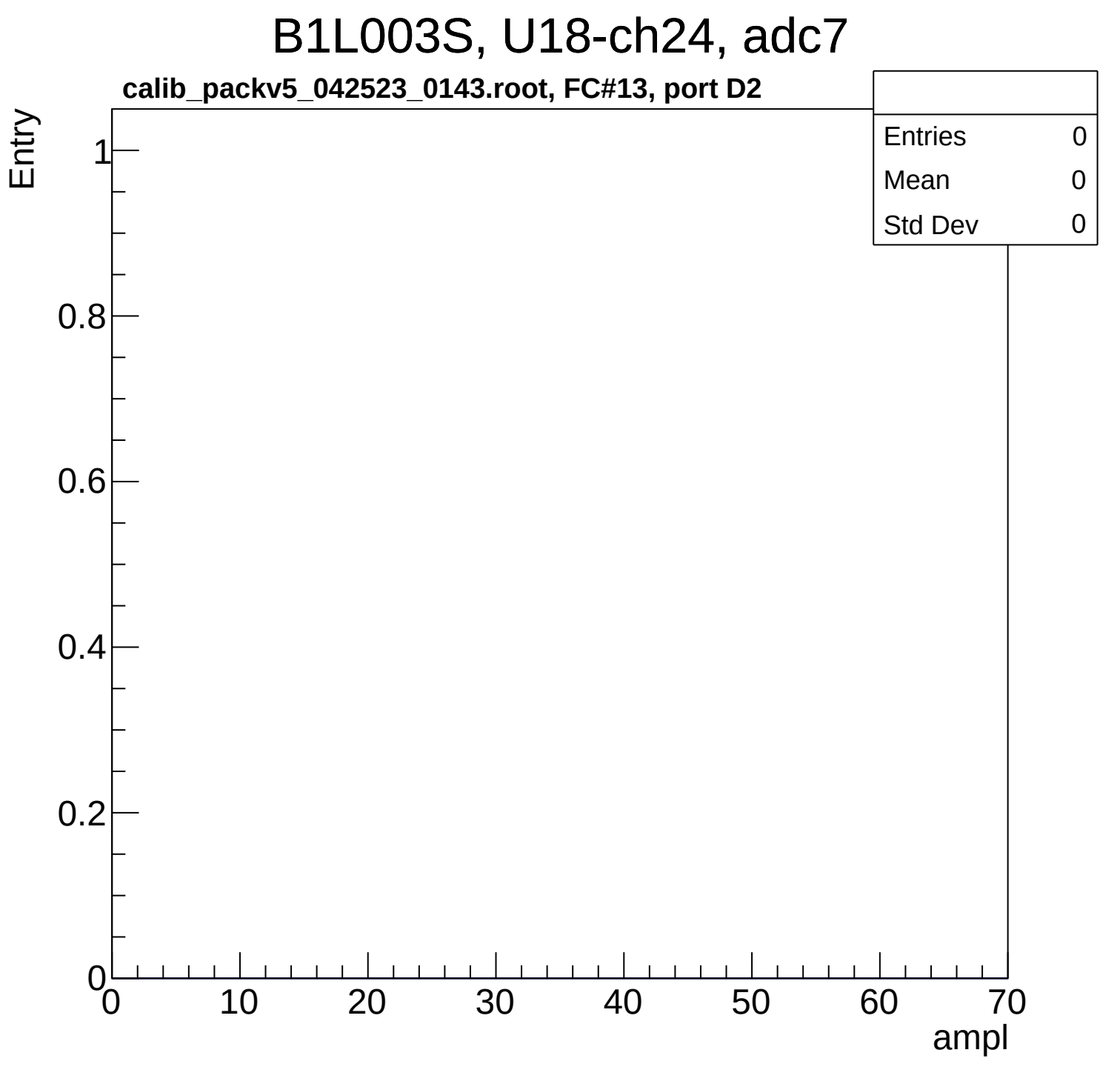

B1L003S, U18-ch24, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

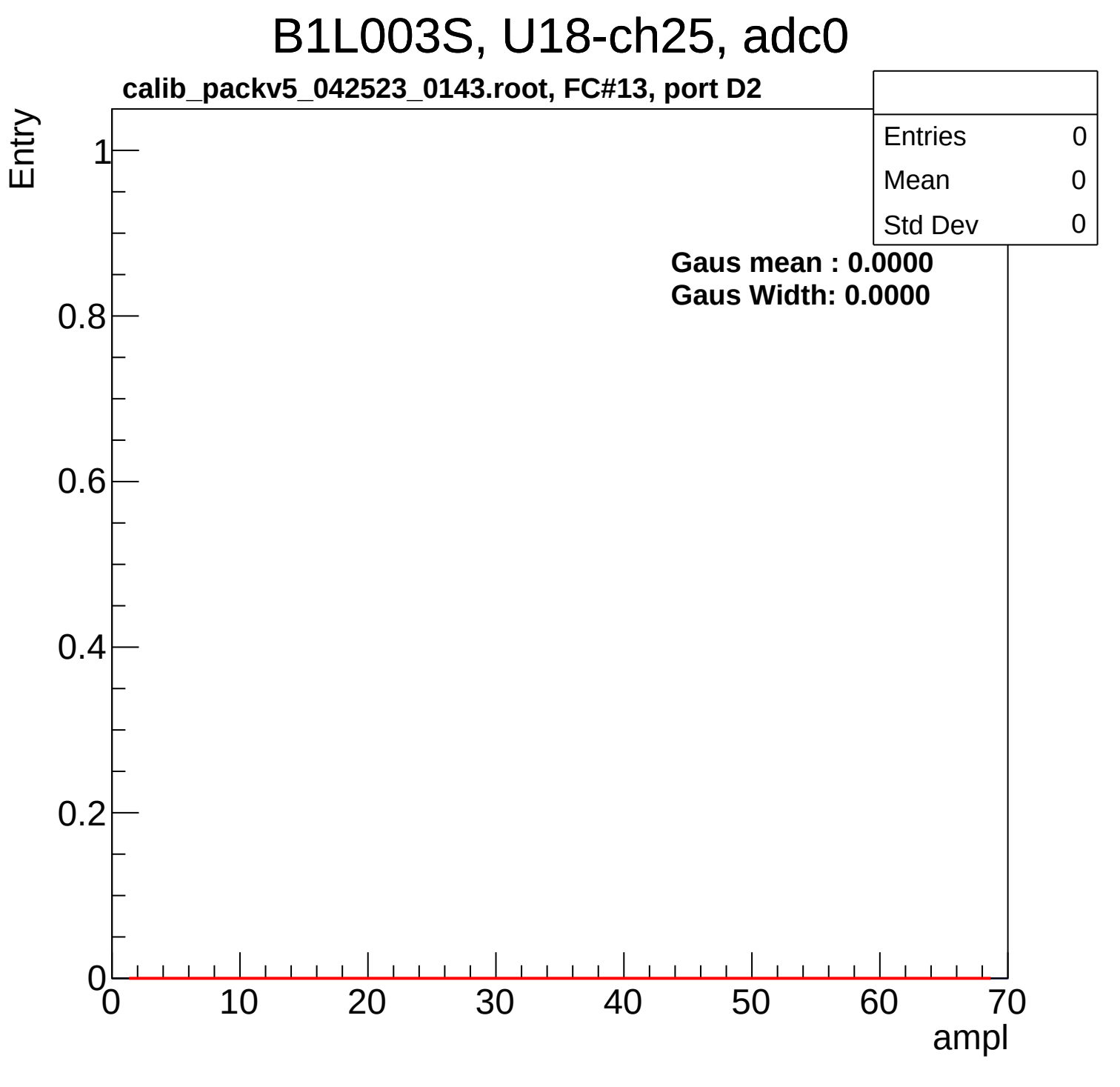

B1L003S, U18-ch24, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

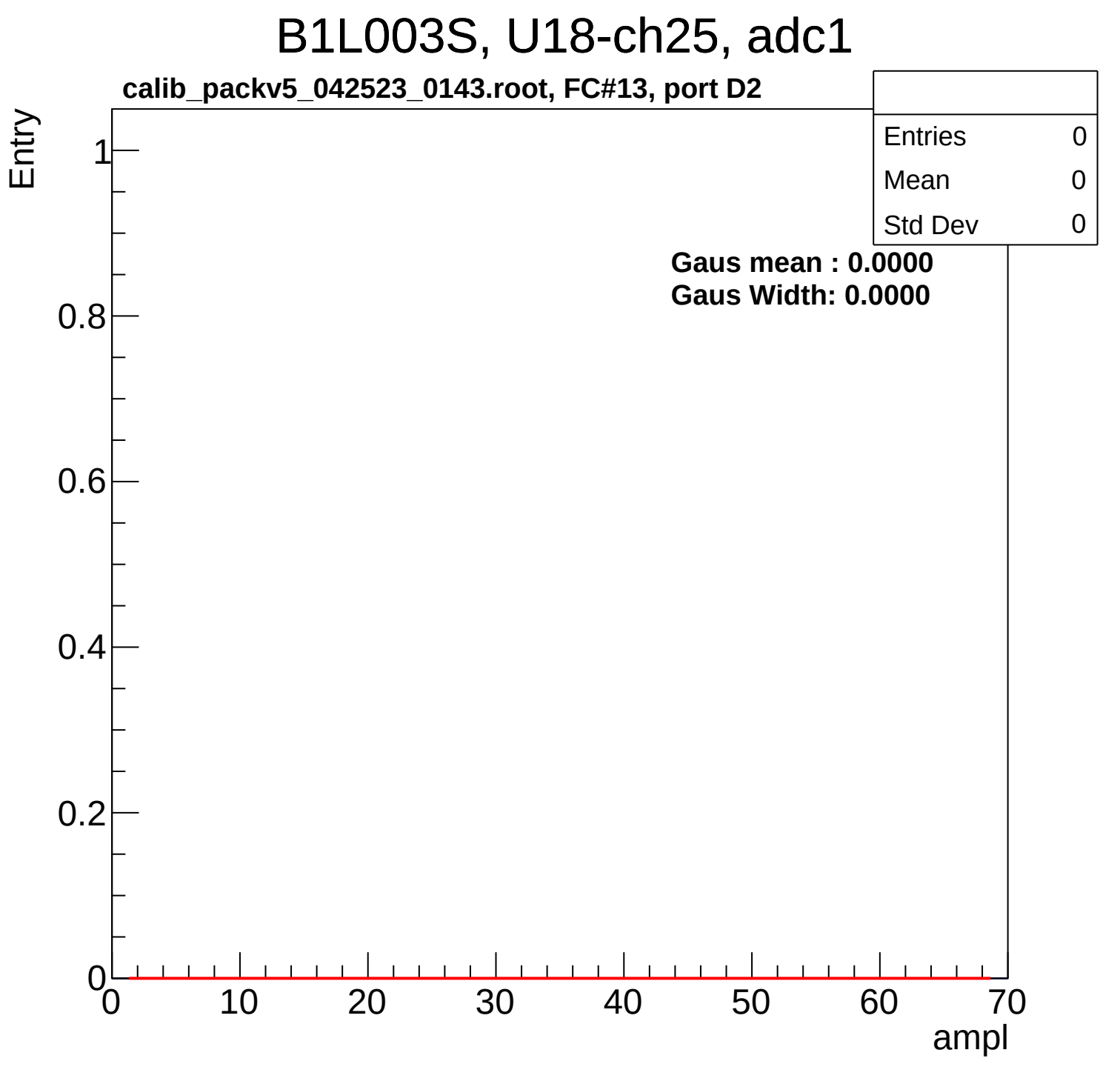

B1L003S, U18-ch24, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

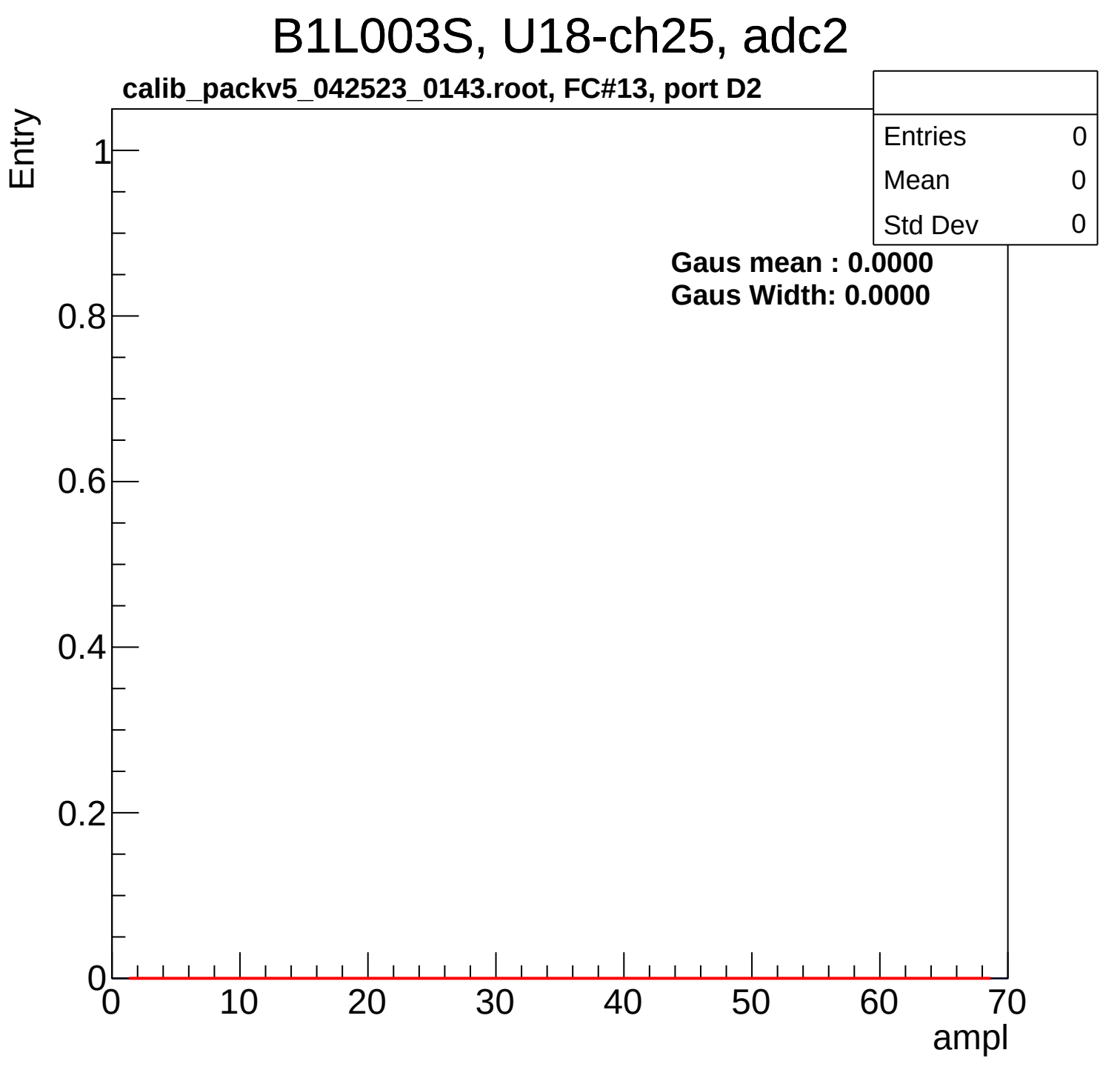

B1L003S, U18-ch24, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

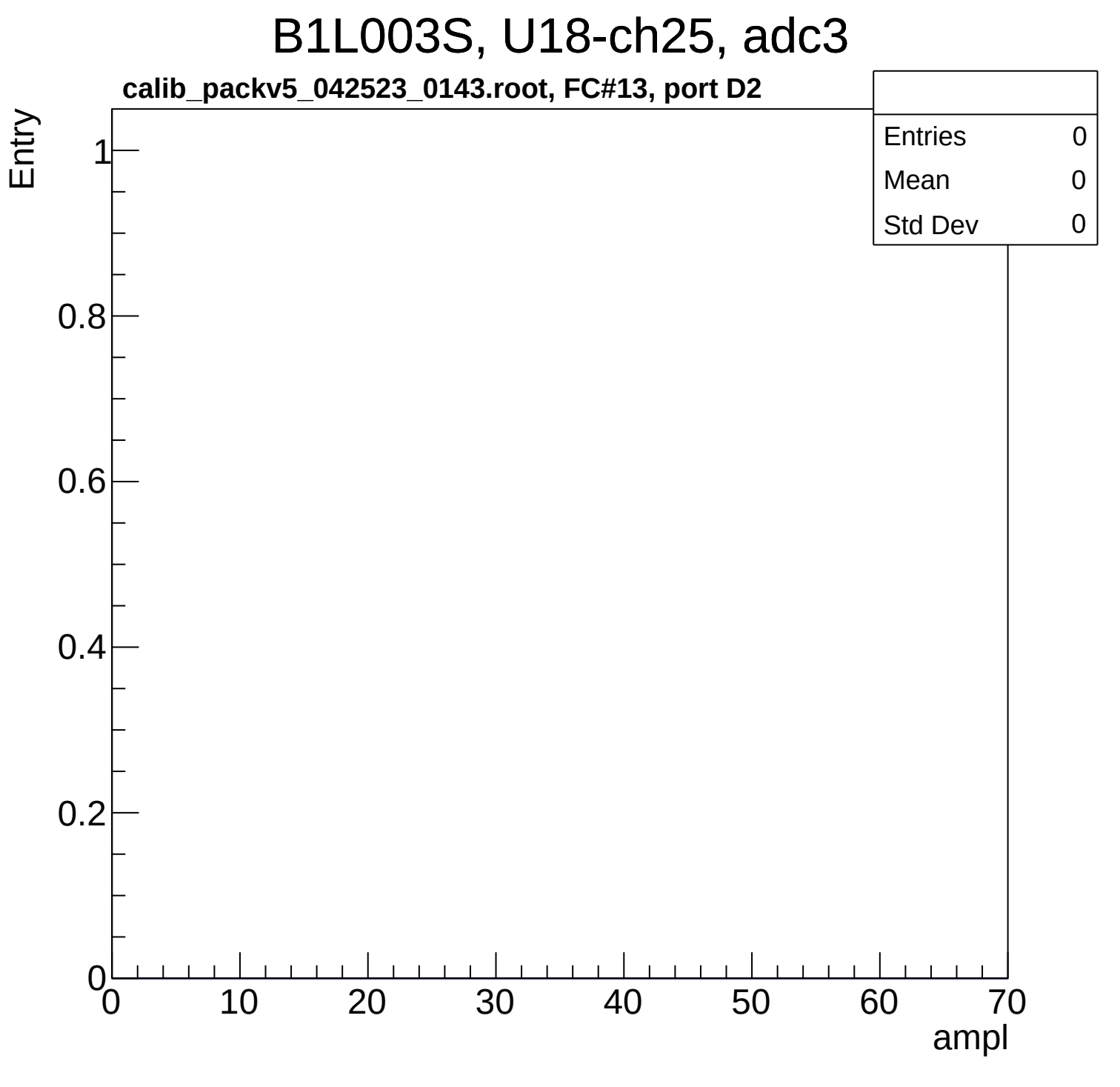

B1L003S, U18-ch24, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

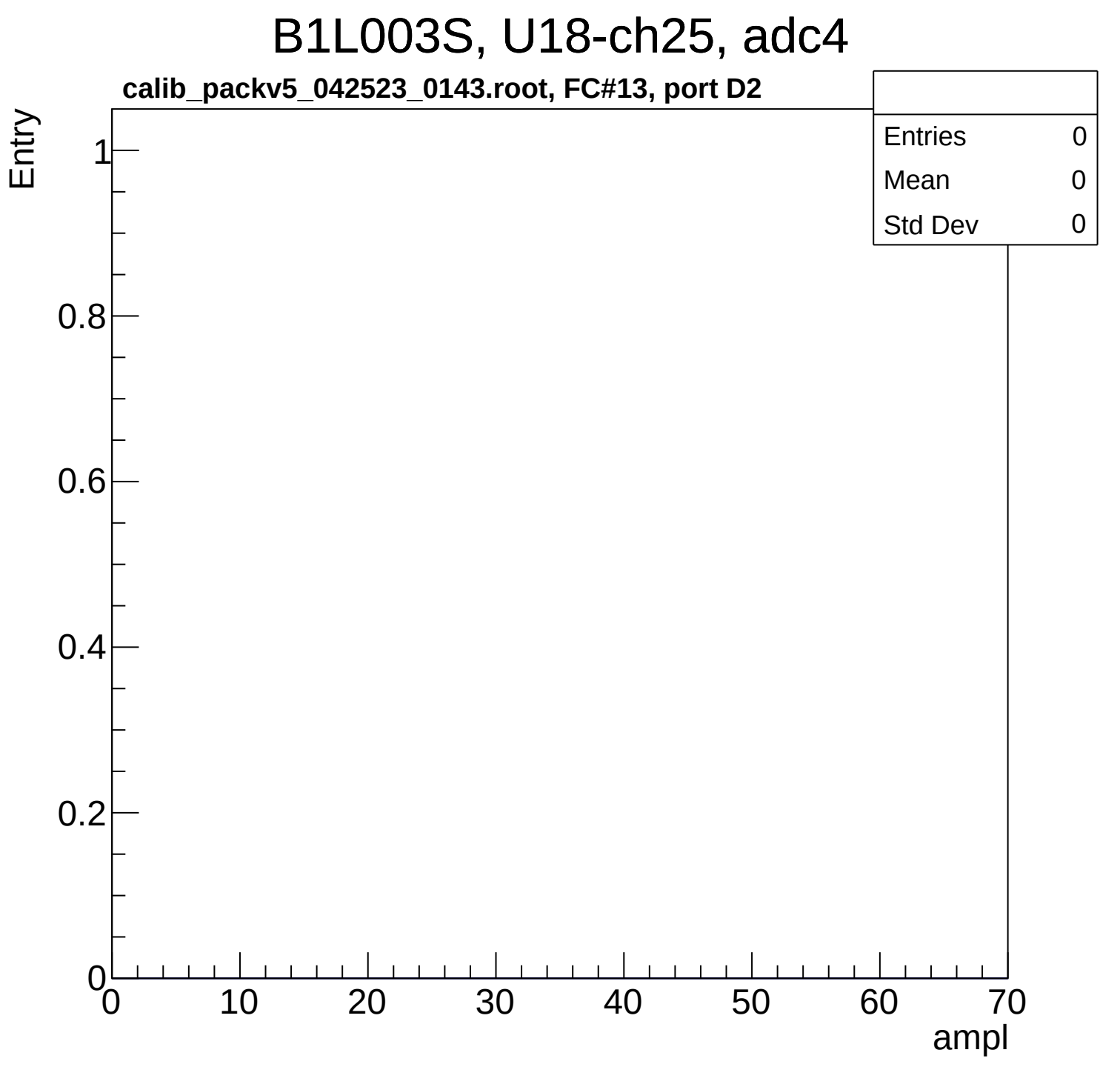

B1L003S, U18-ch24, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

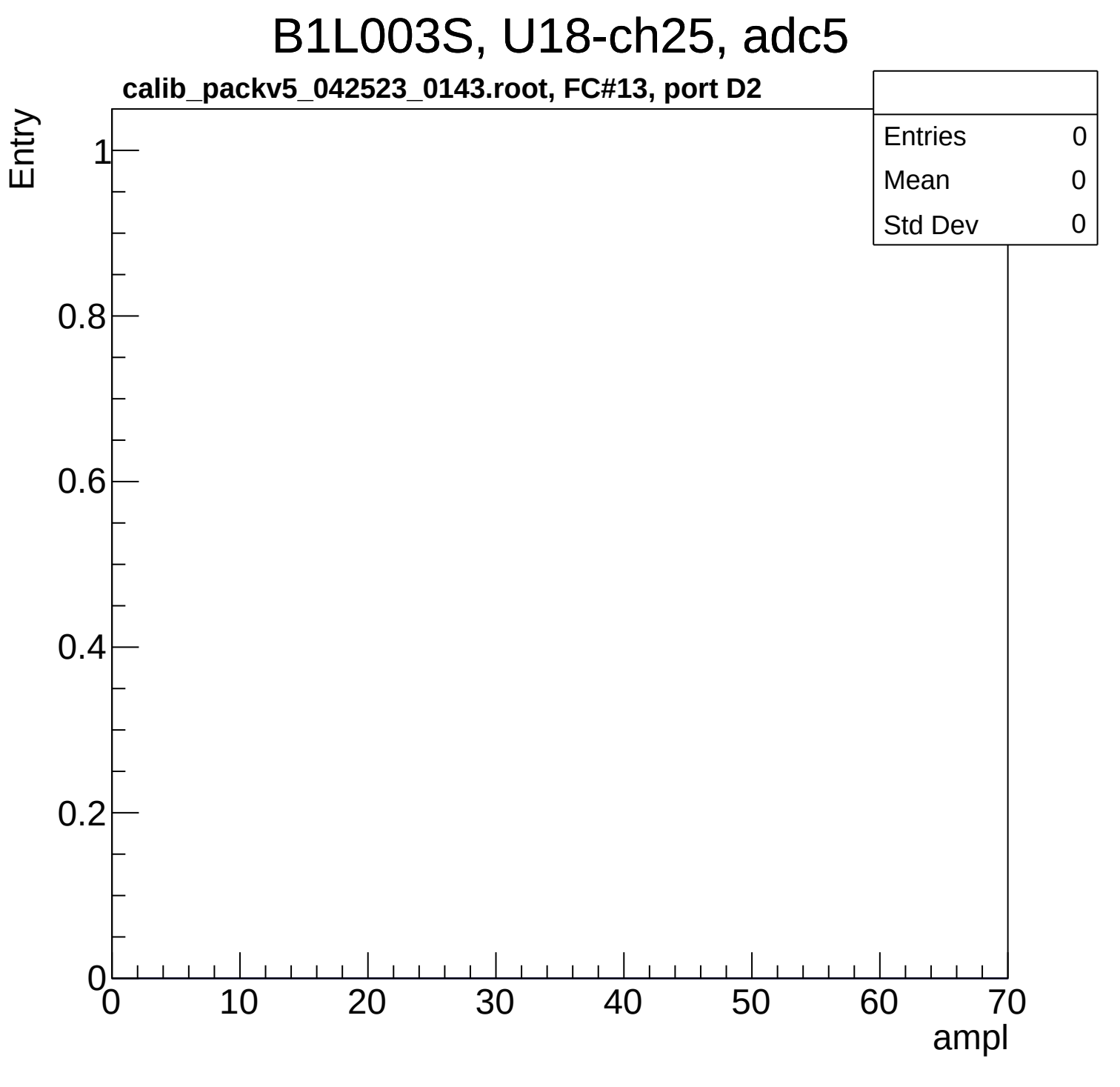

B1L003S, U18-ch25, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

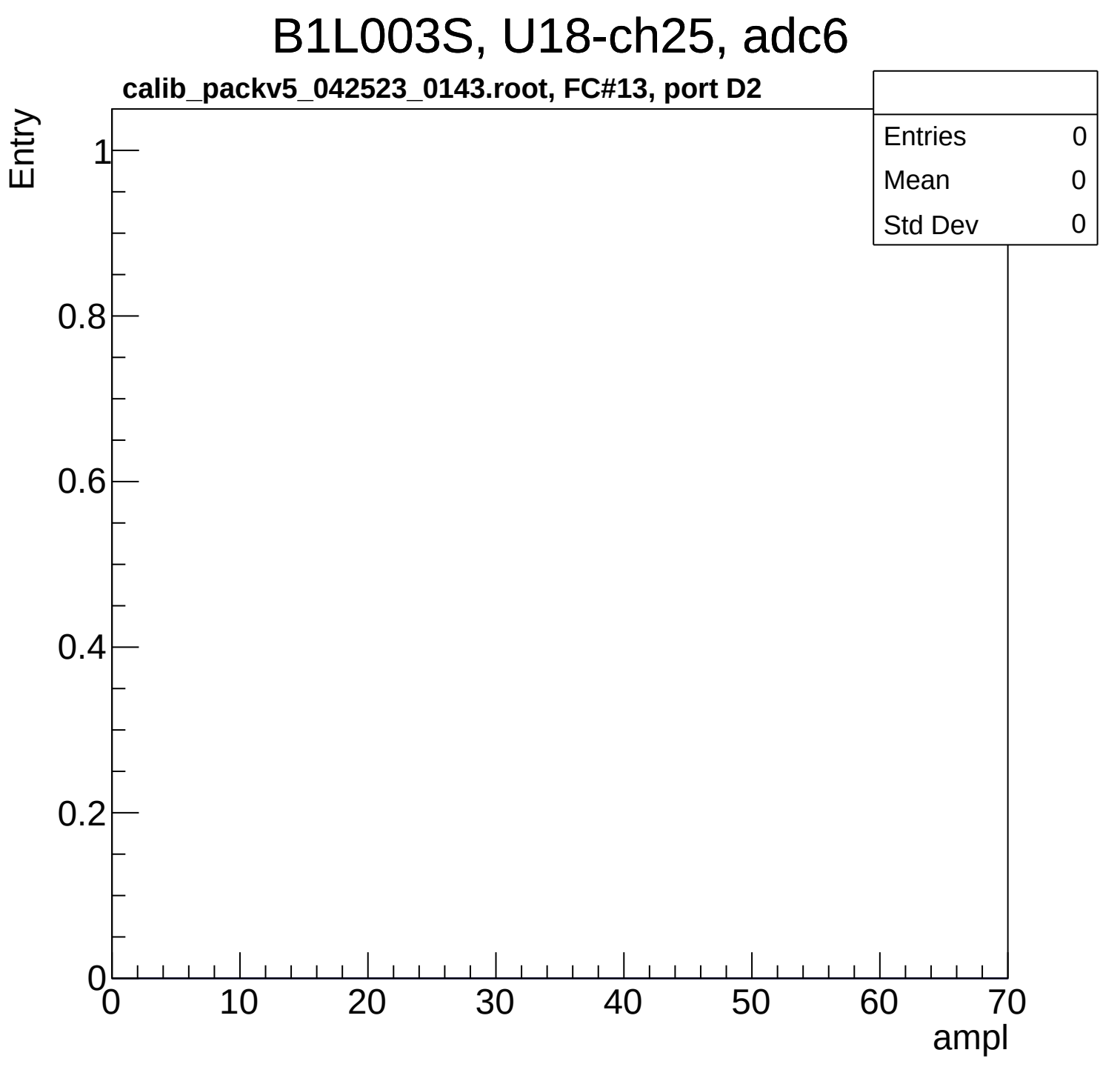

B1L003S, U18-ch25, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

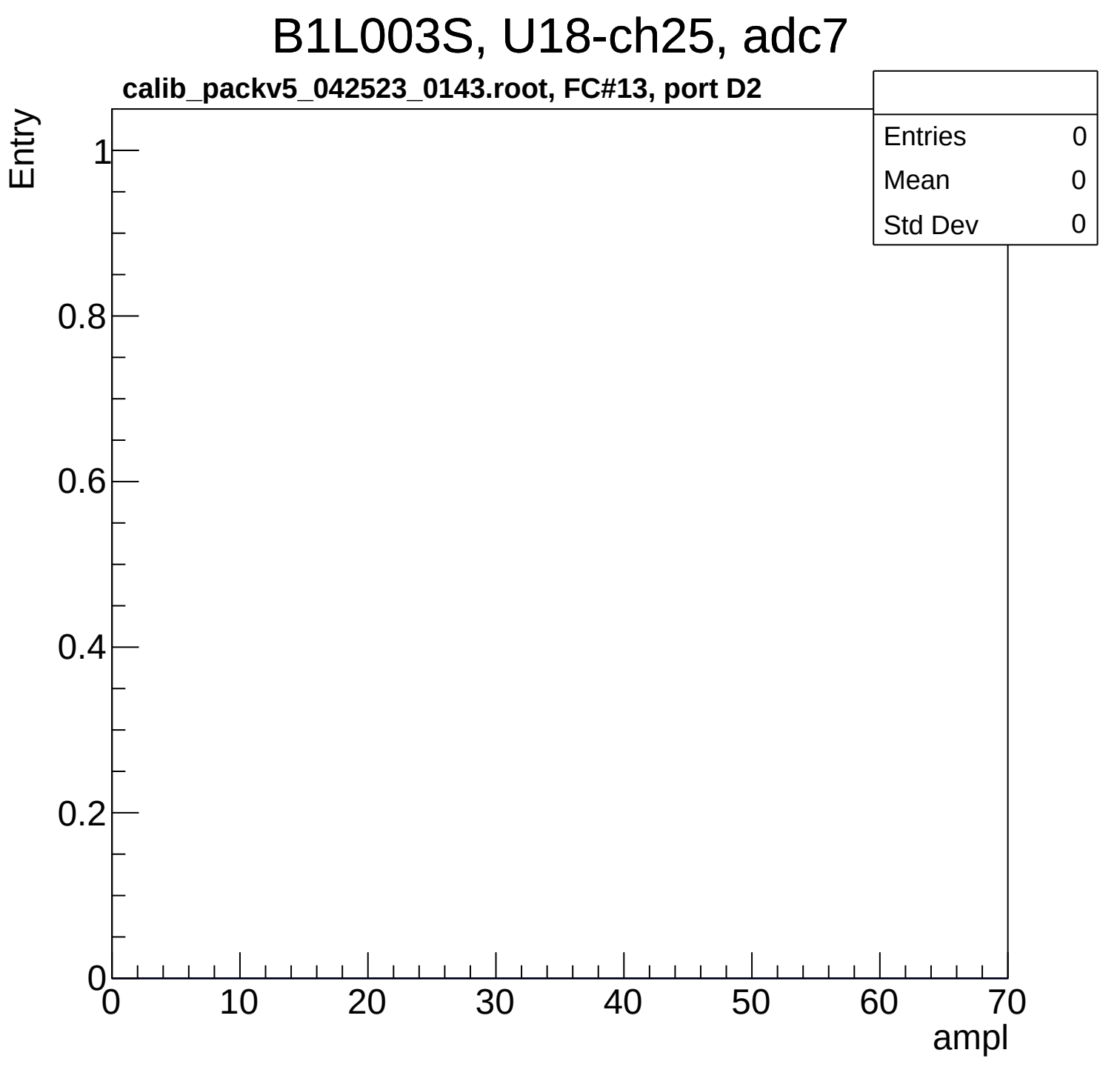

B1L003S, U18-ch25, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

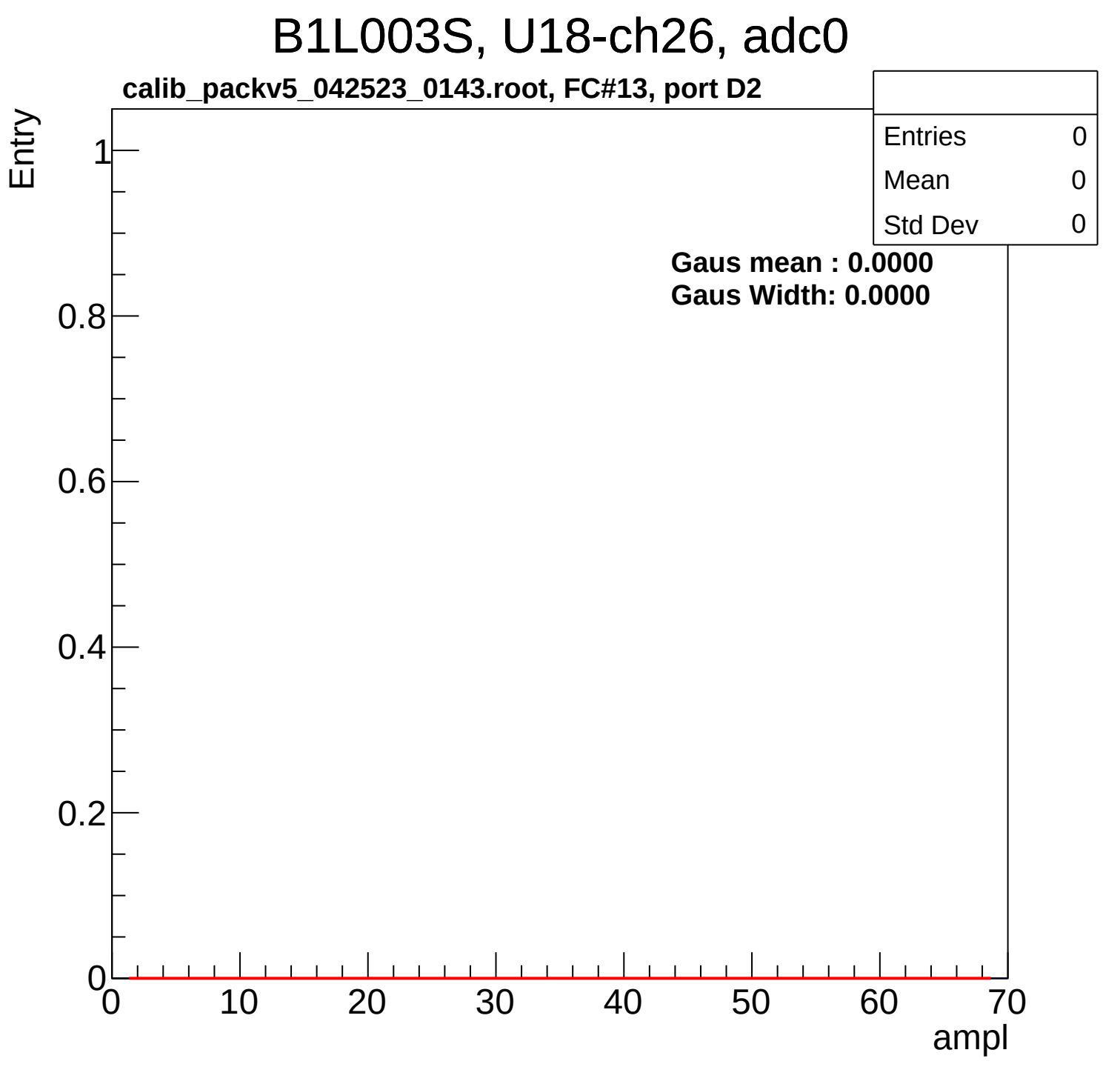

B1L003S, U18-ch25, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

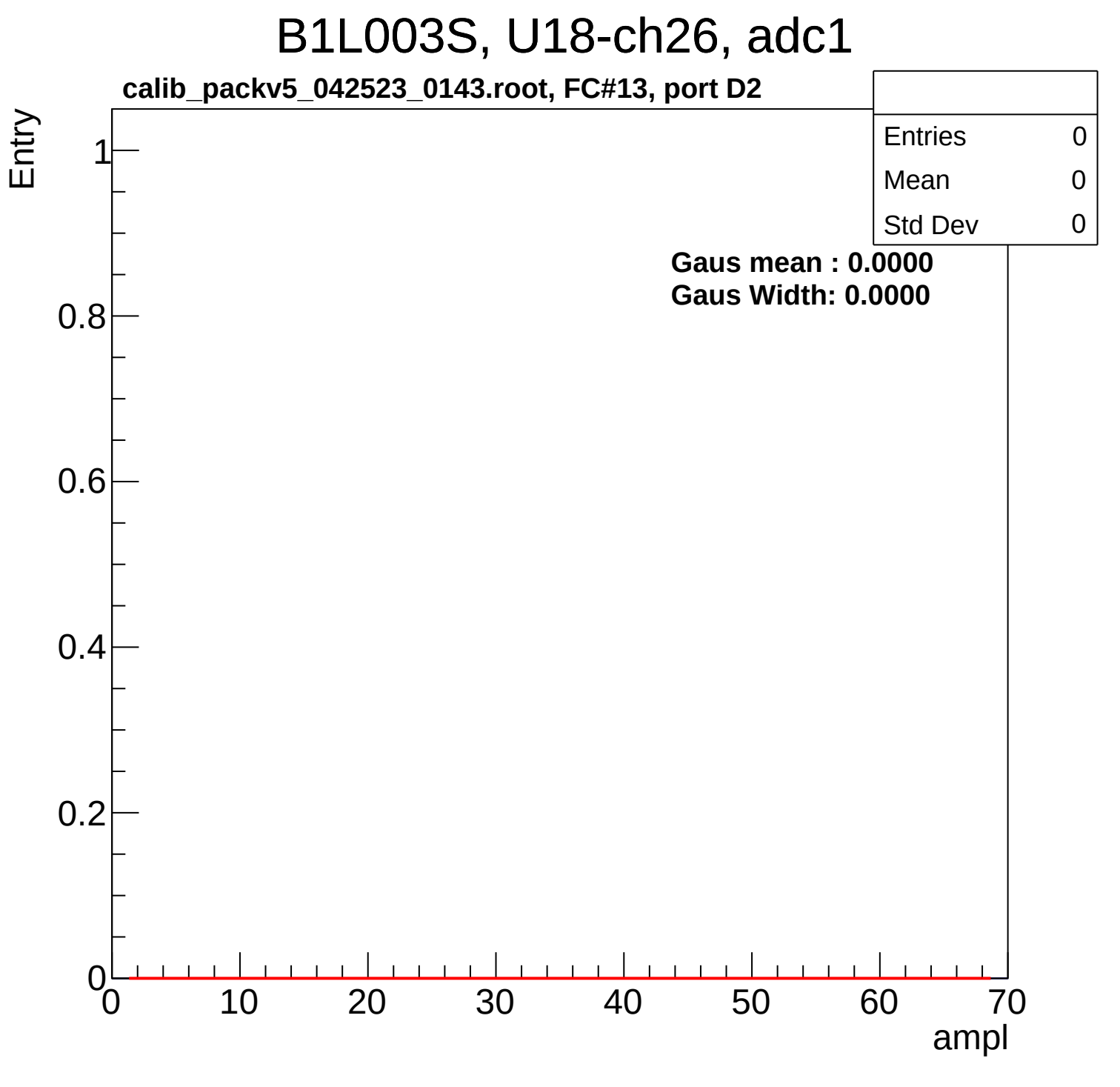

B1L003S, U18-ch25, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

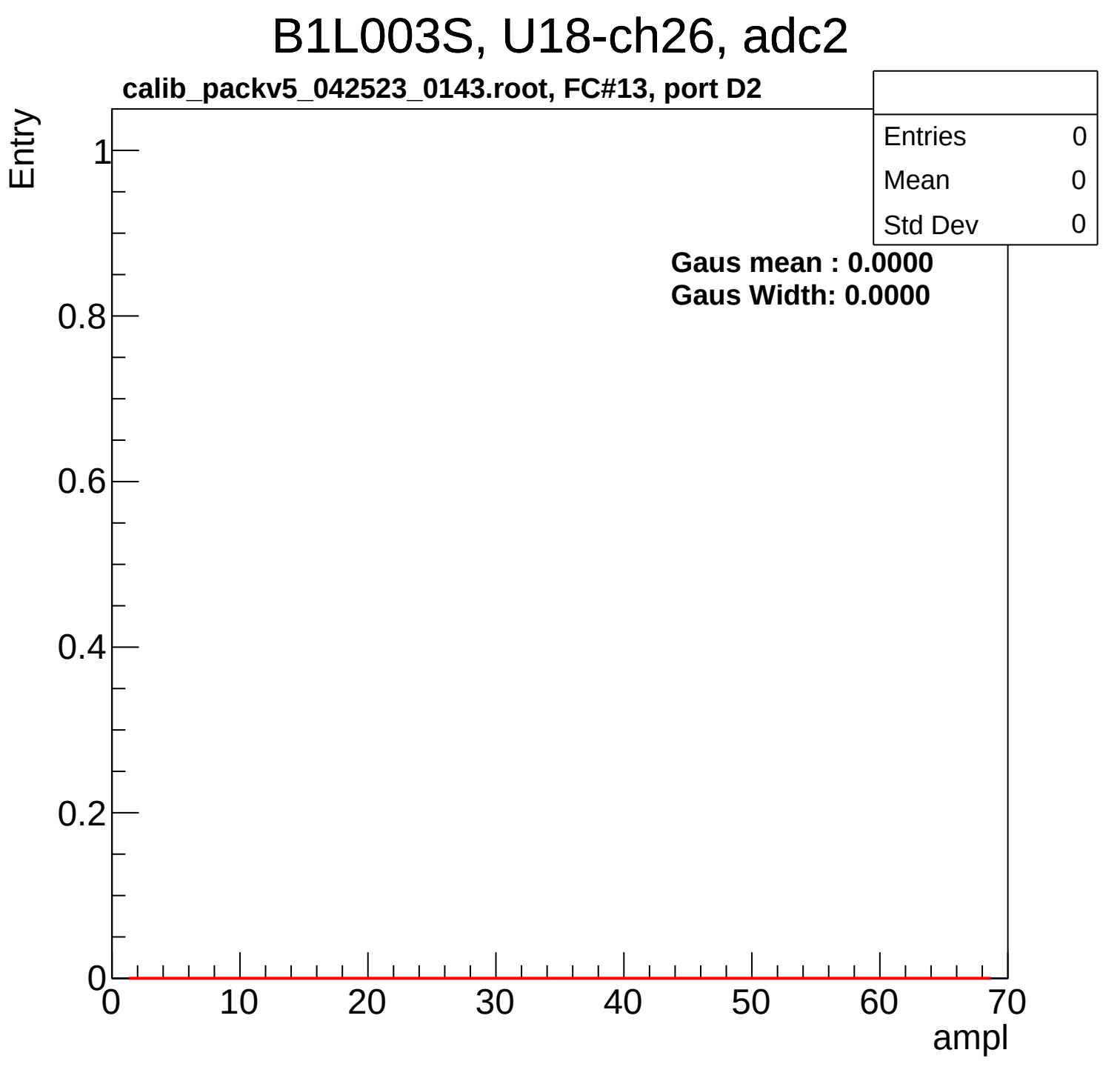

B1L003S, U18-ch25, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

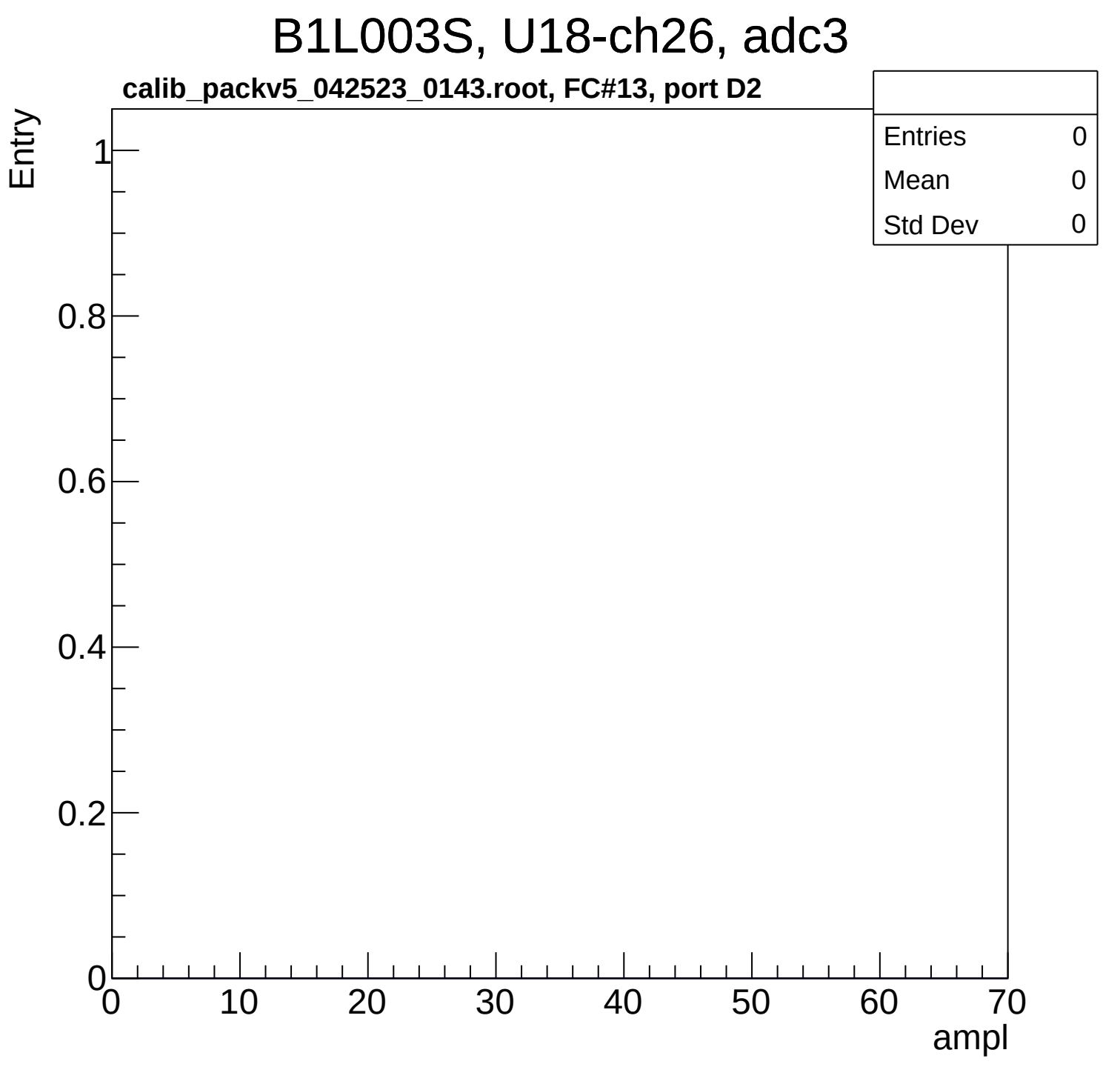

B1L003S, U18-ch25, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

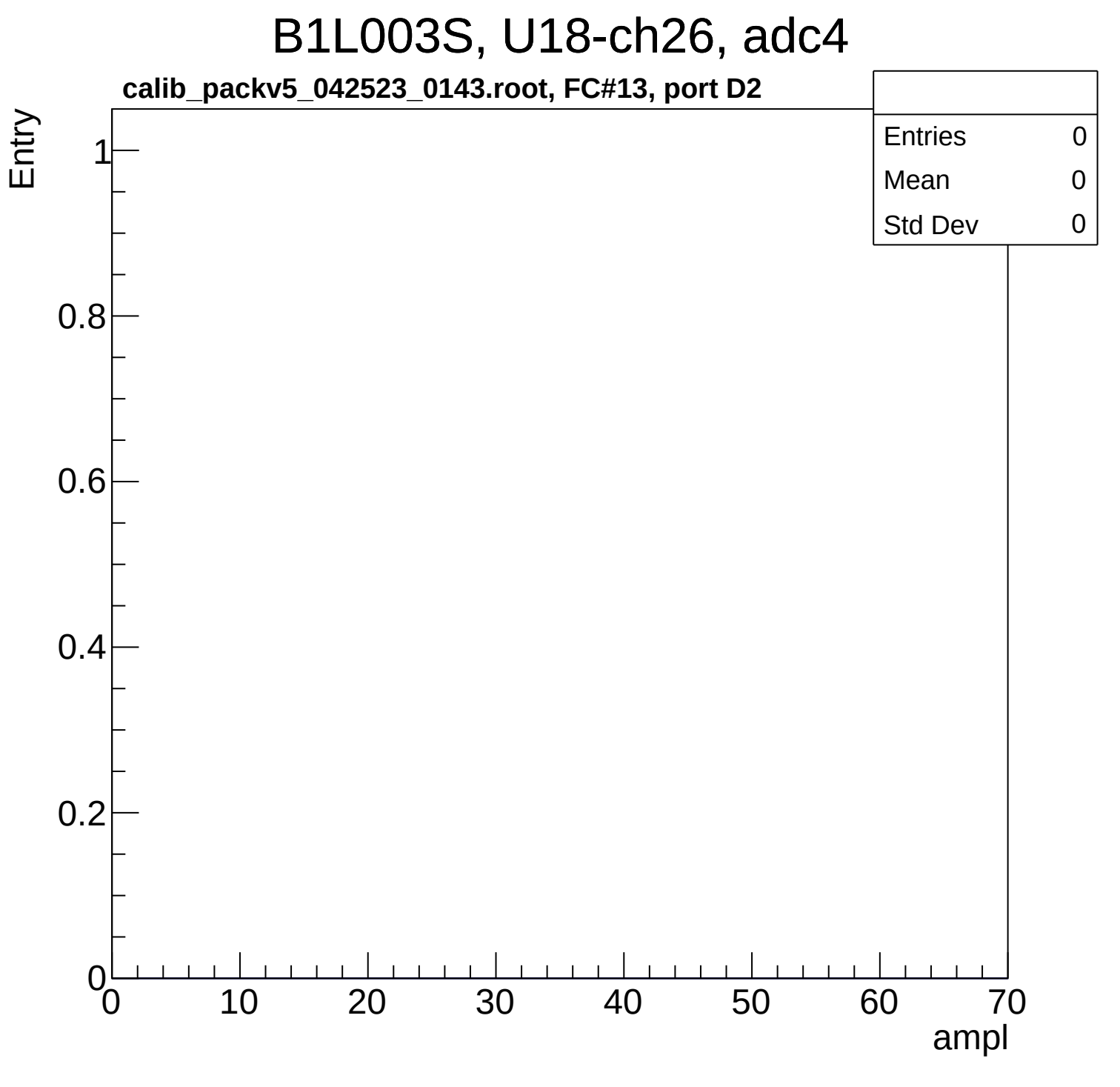

B1L003S, U18-ch25, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

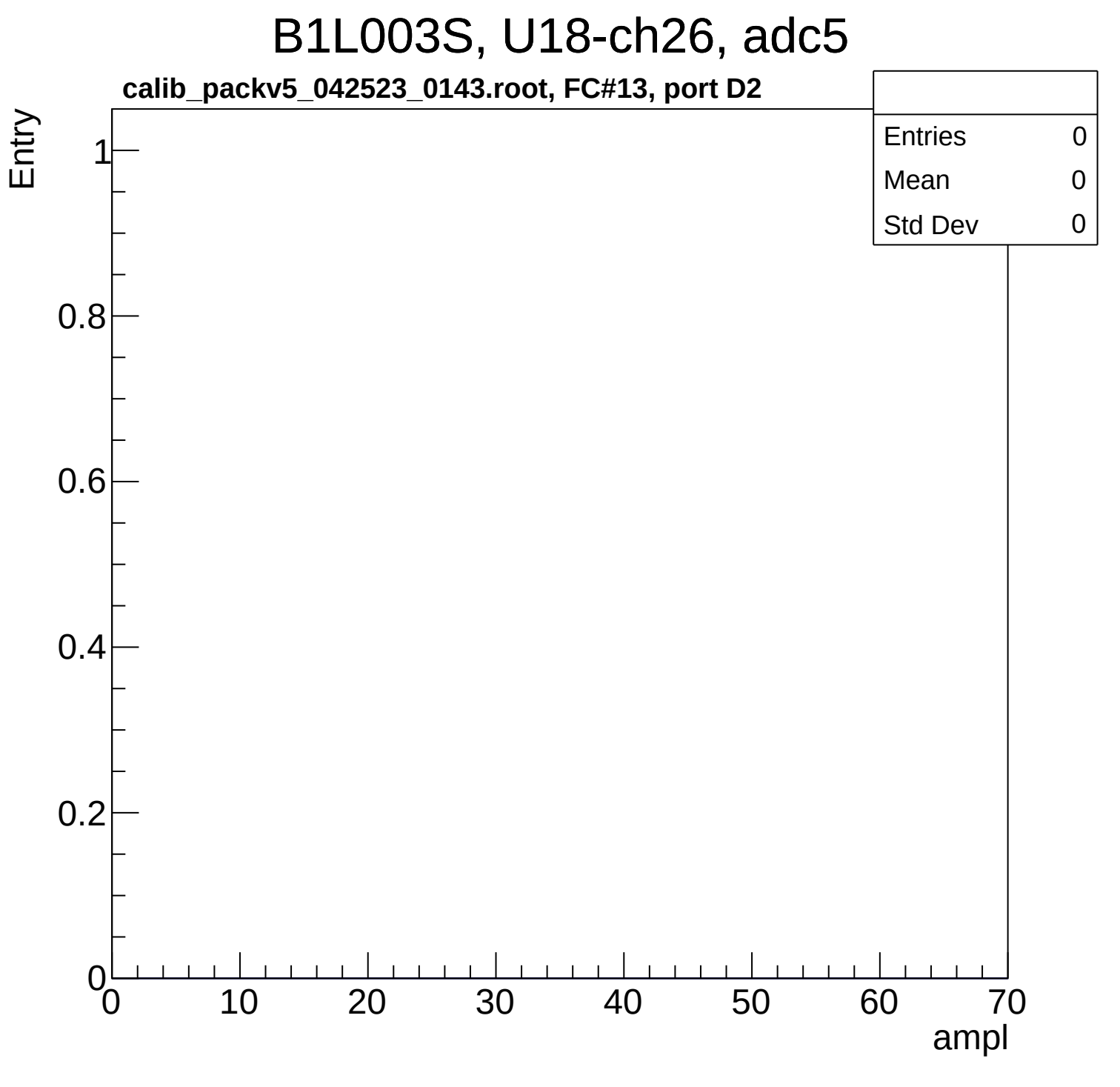

B1L003S, U18-ch26, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

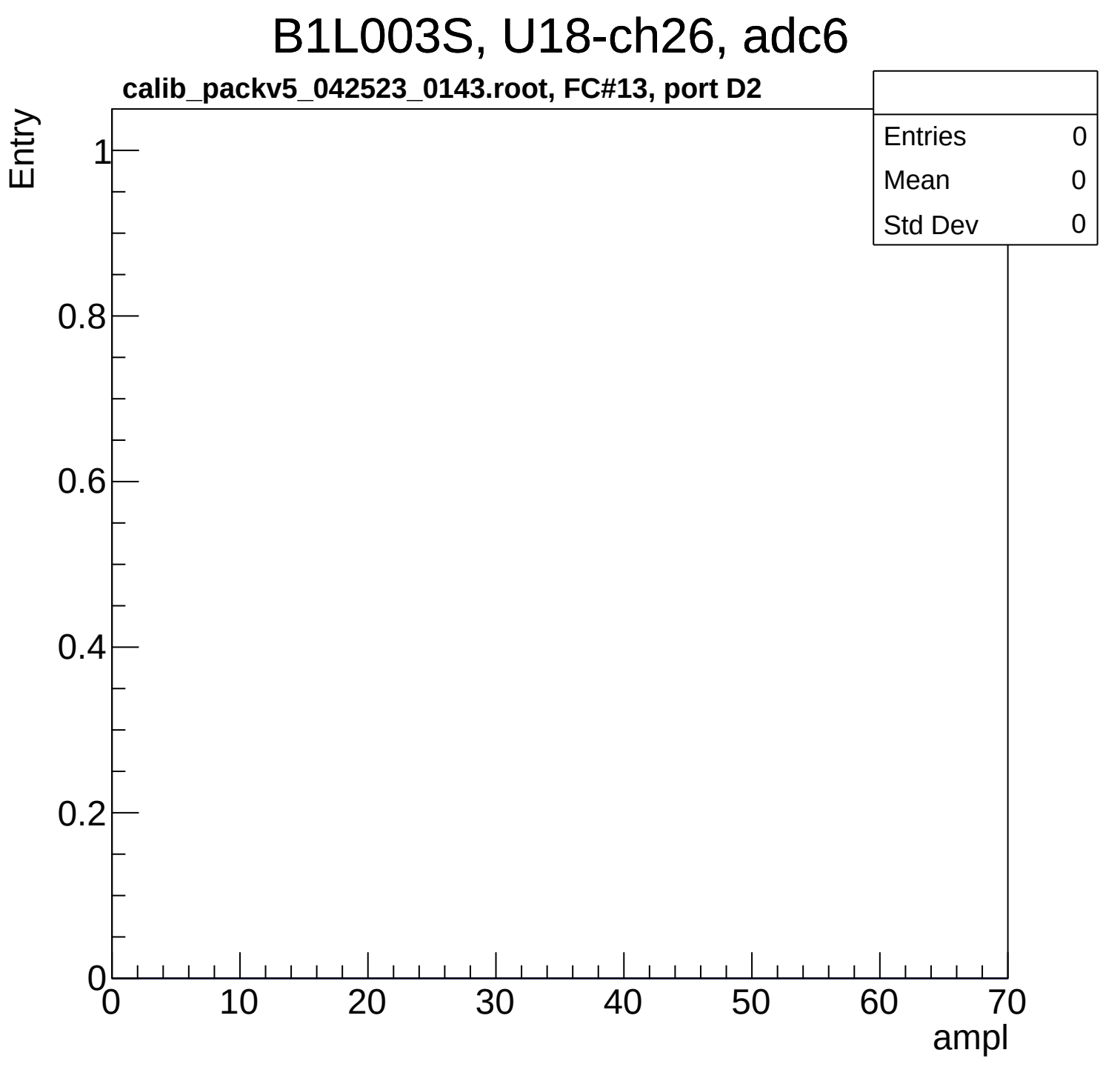

B1L003S, U18-ch26, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

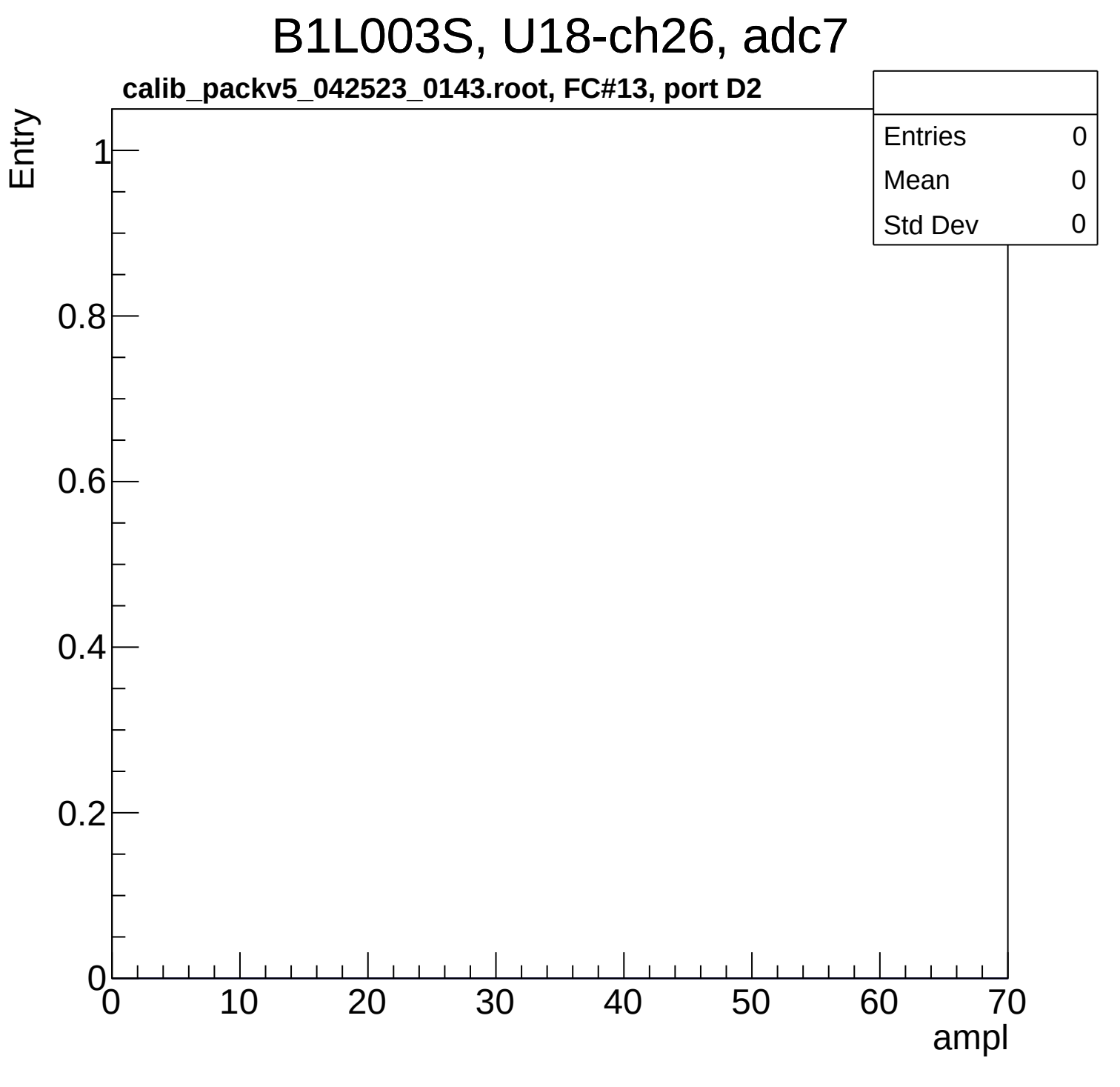

B1L003S, U18-ch26, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

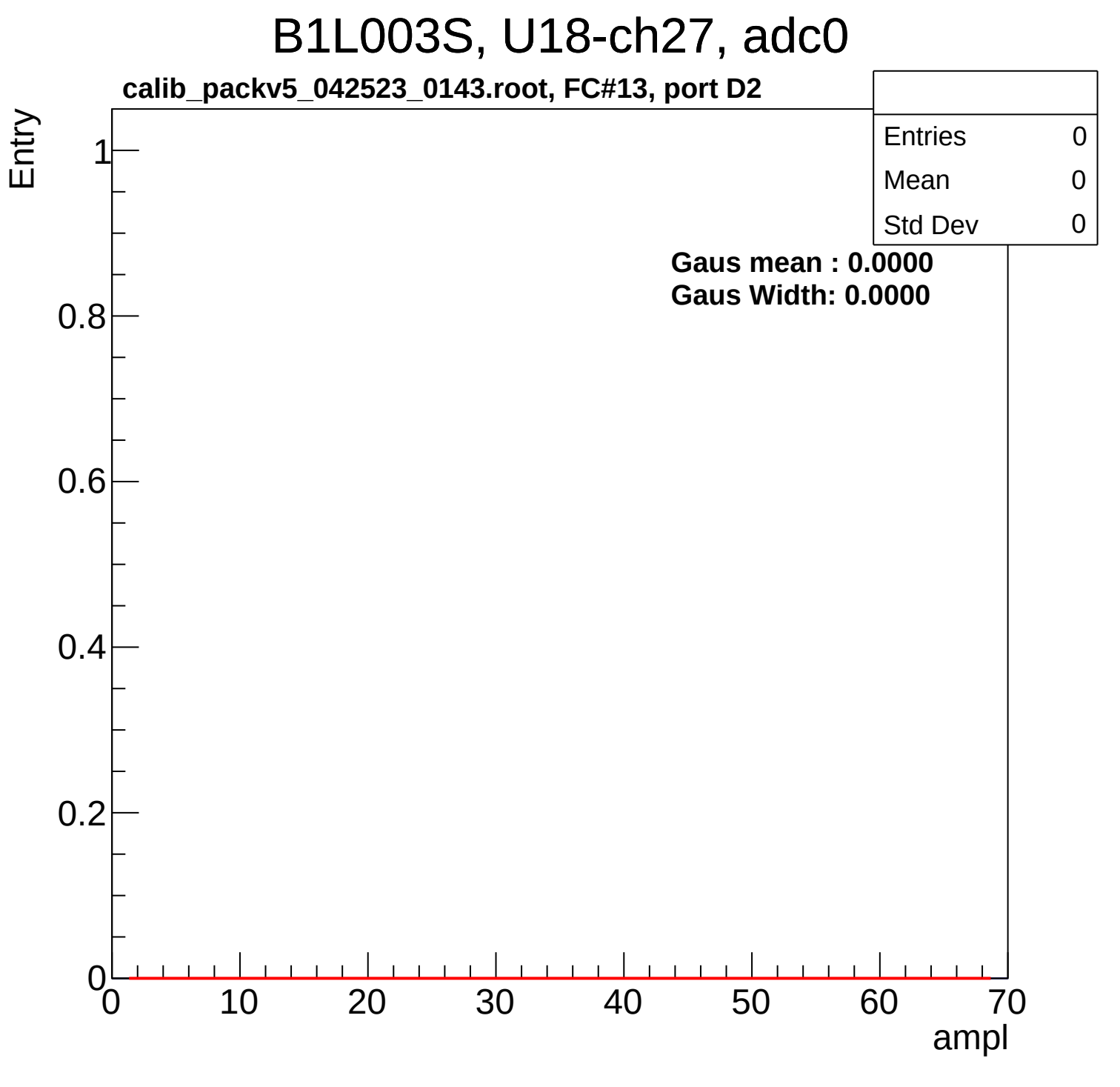

B1L003S, U18-ch26, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

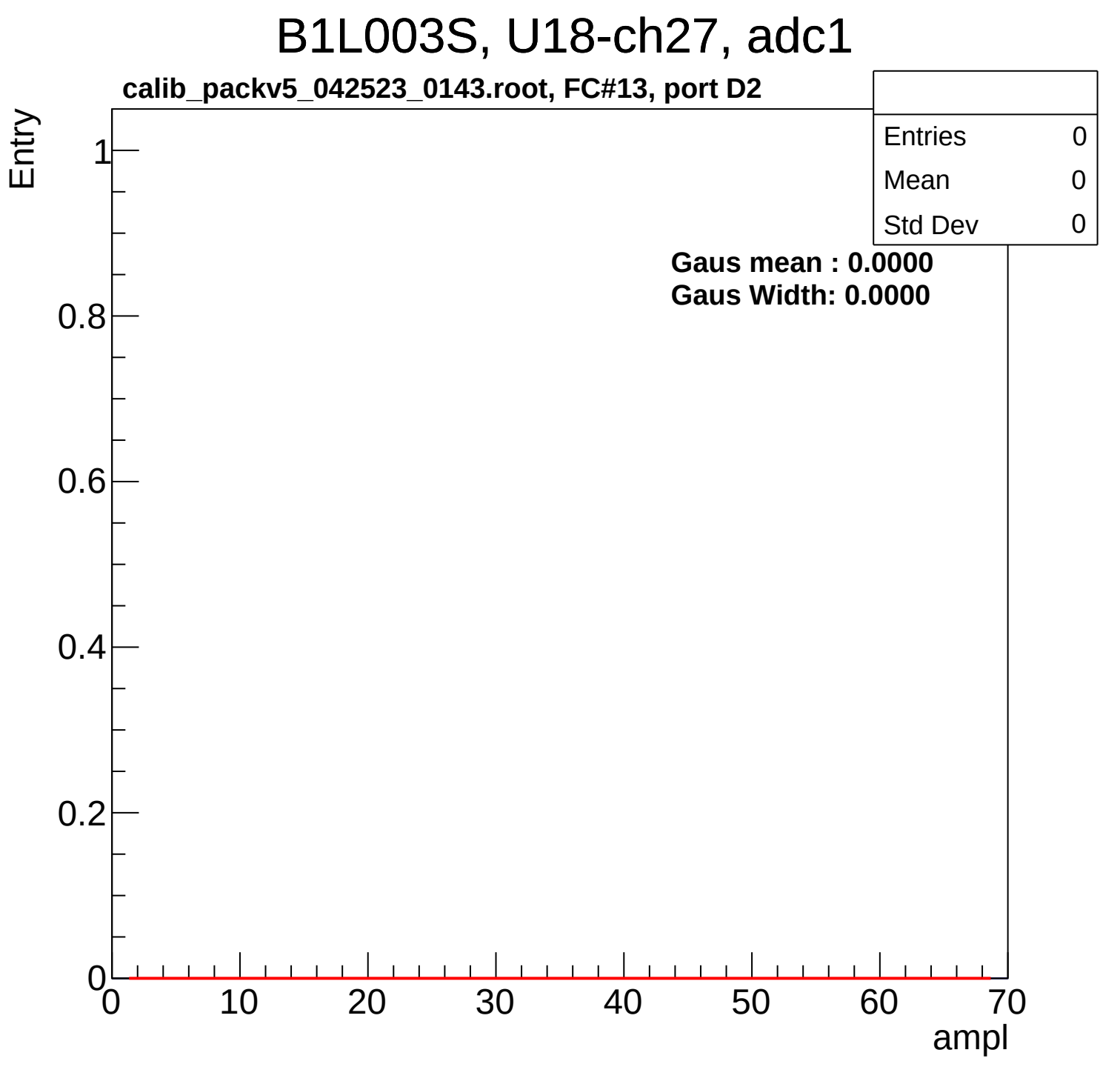

B1L003S, U18-ch26, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

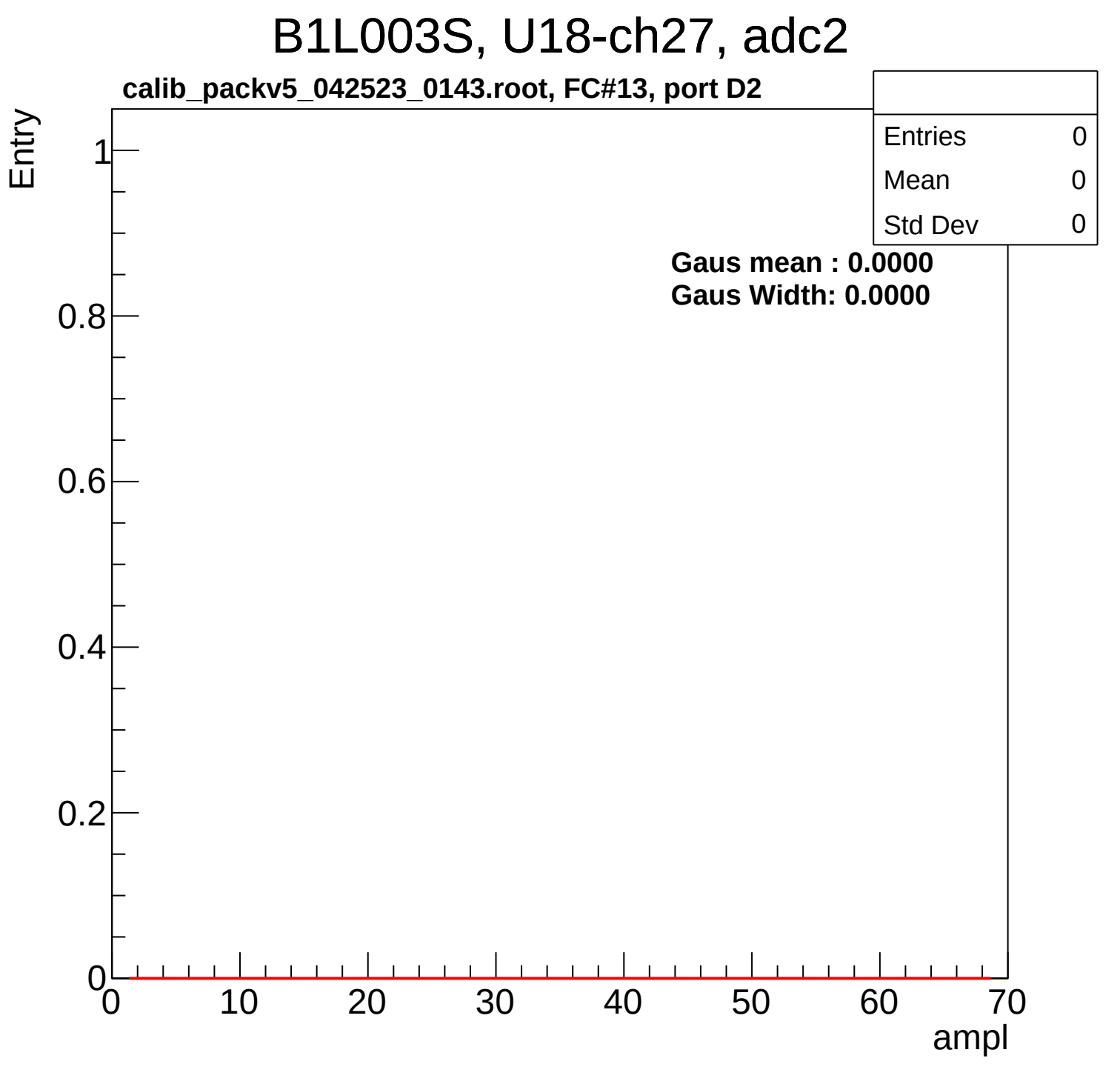

B1L003S, U18-ch26, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

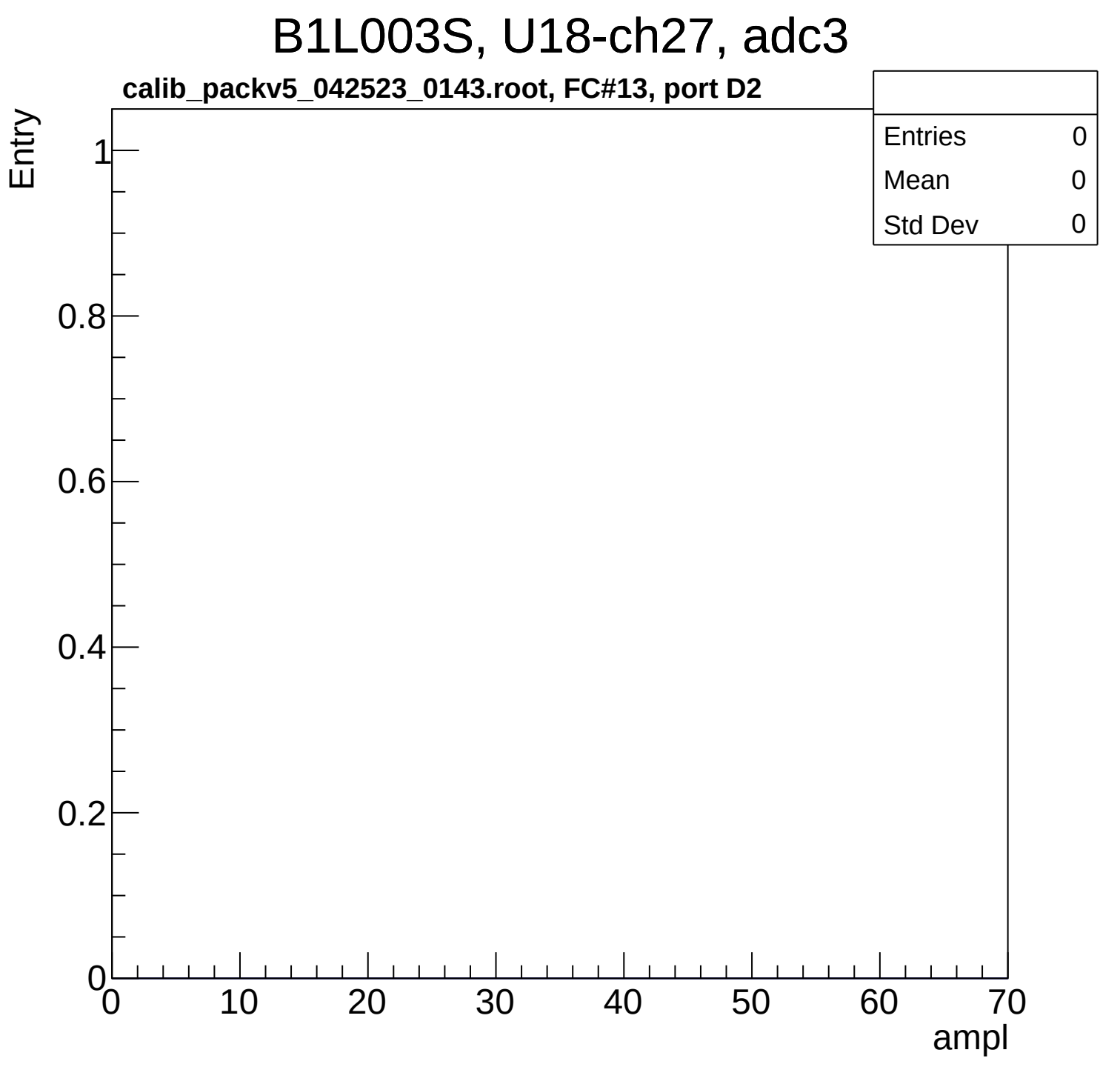

B1L003S, U18-ch26, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

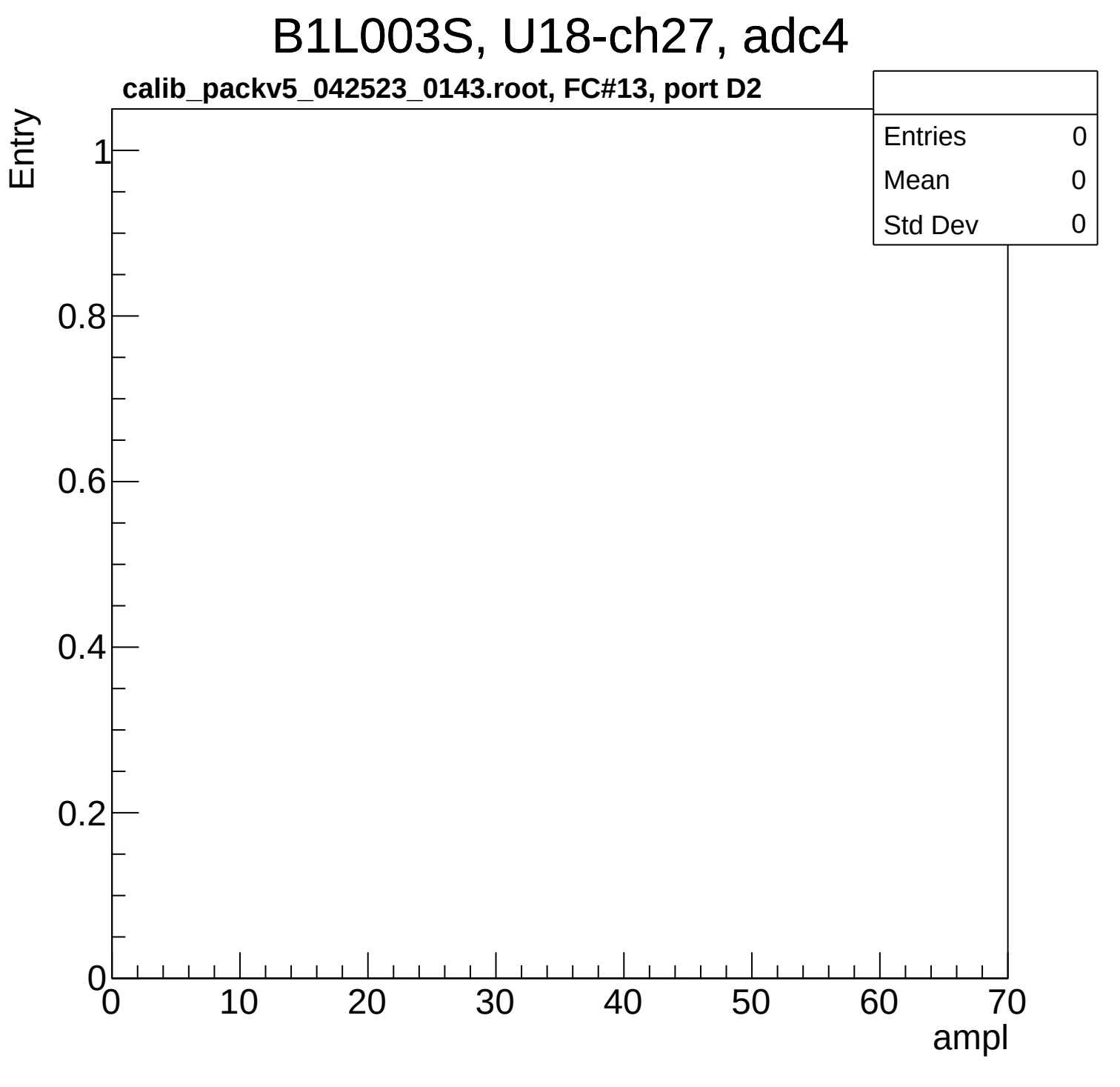

B1L003S, U18-ch26, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

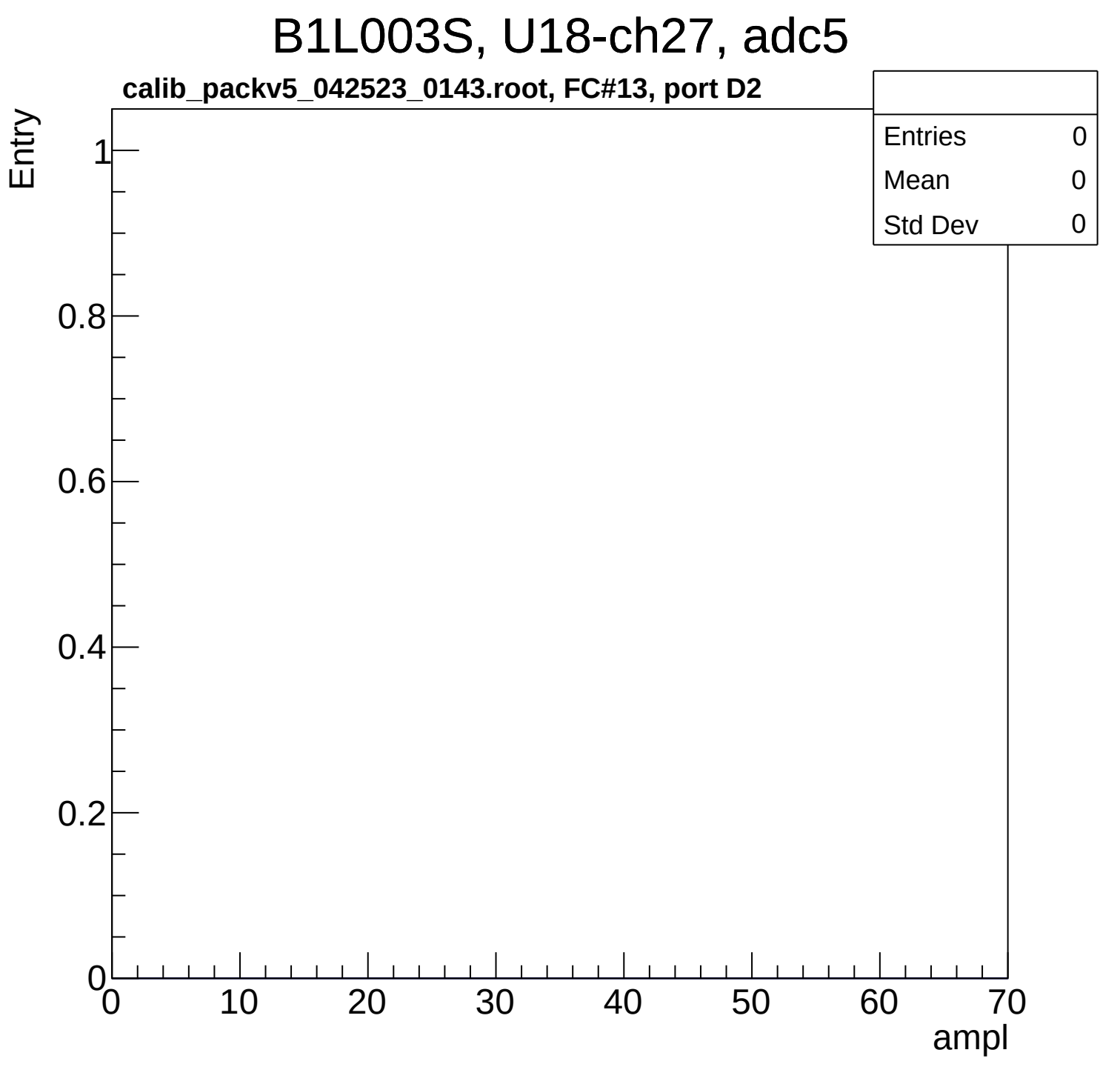

B1L003S, U18-ch27, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

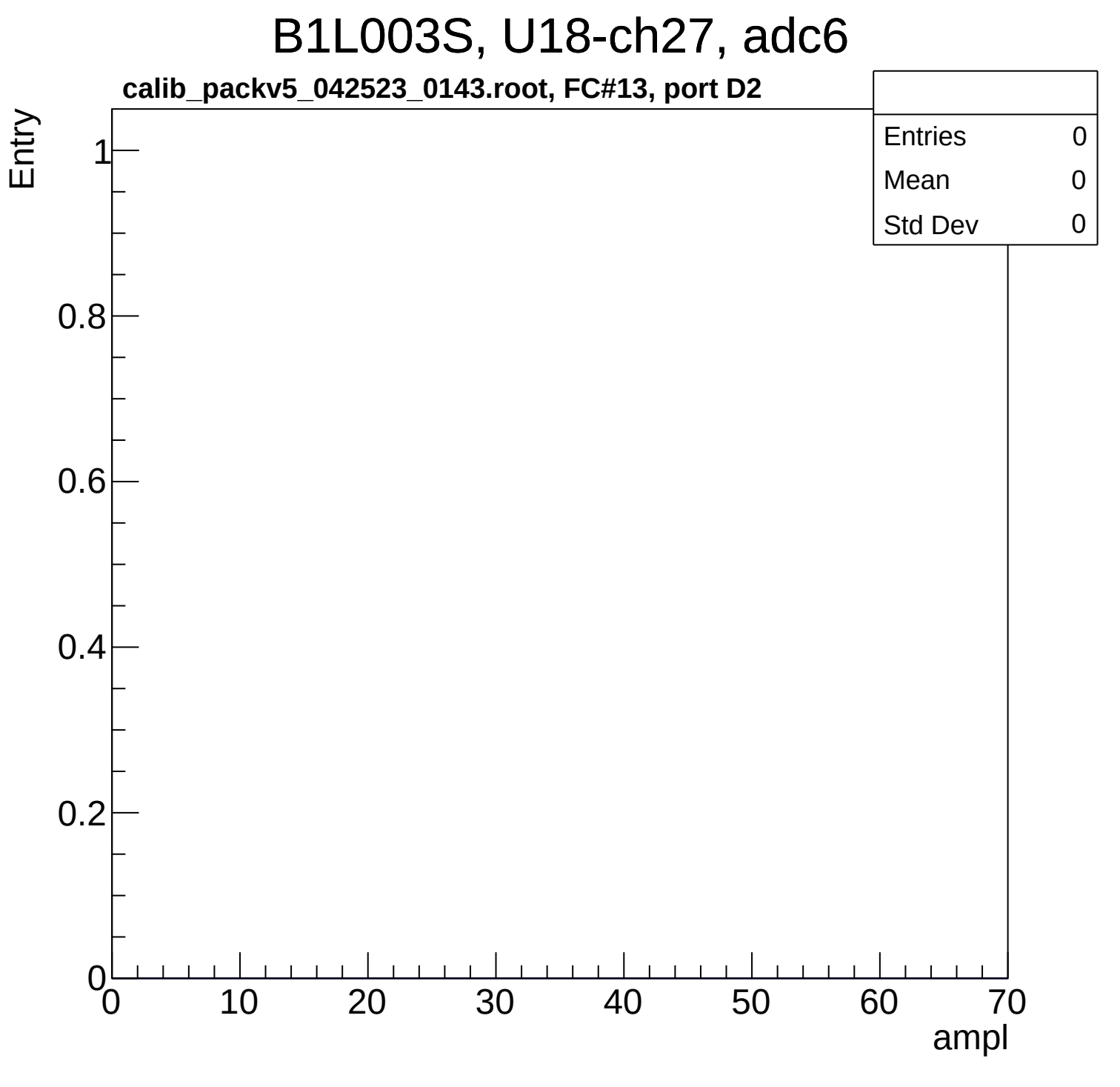

B1L003S, U18-ch27, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

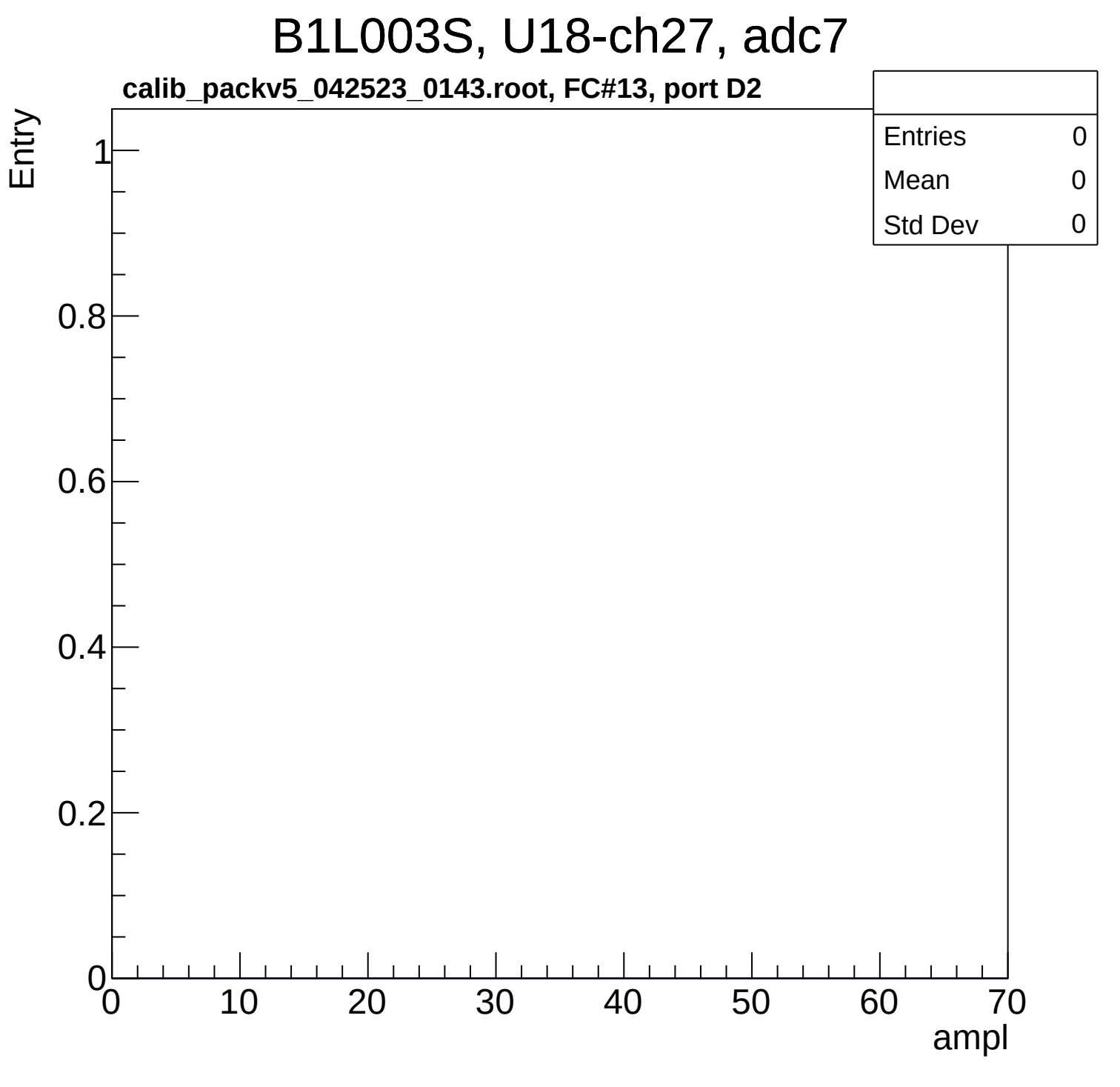

B1L003S, U18-ch27, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

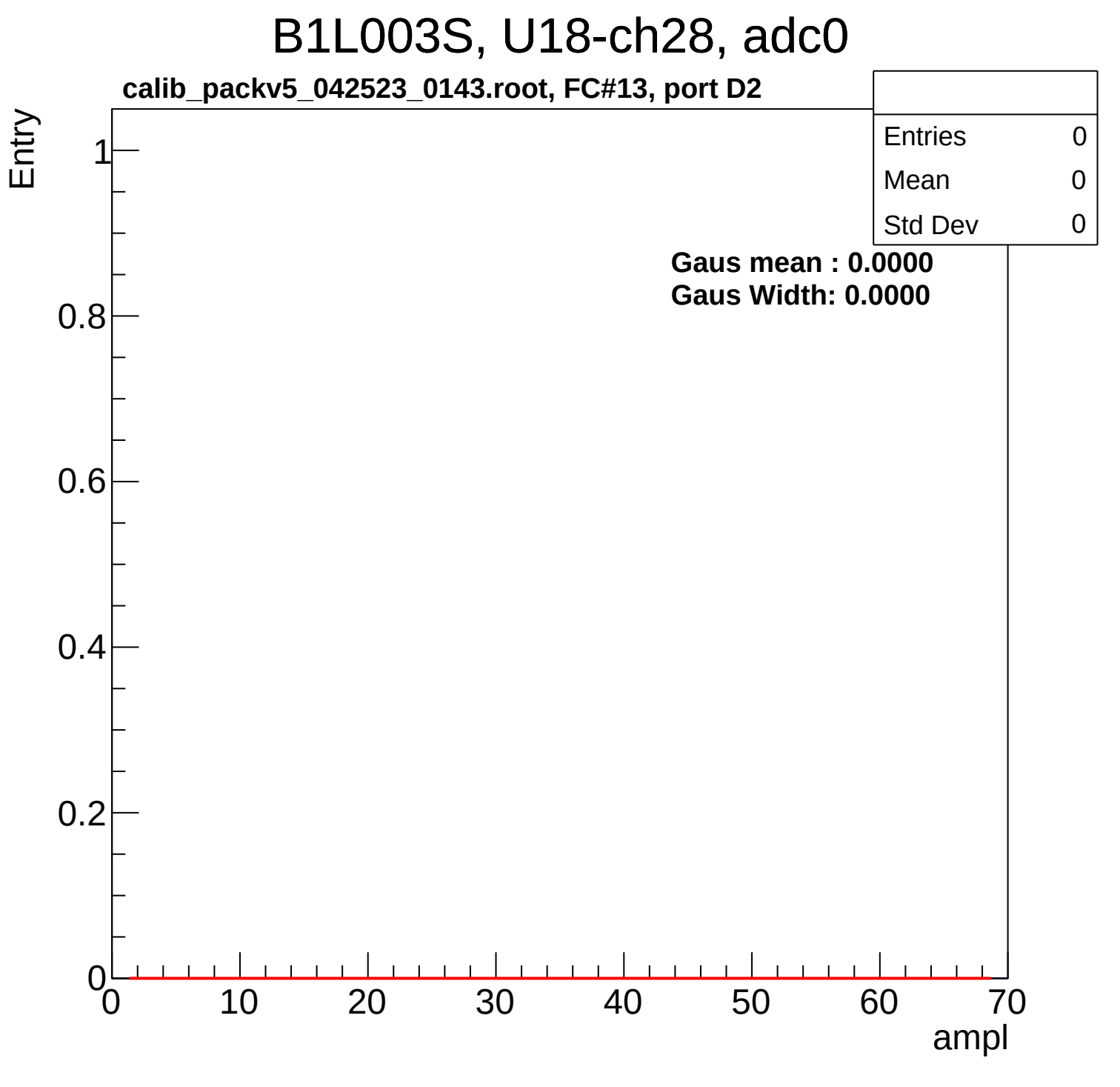

B1L003S, U18-ch27, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

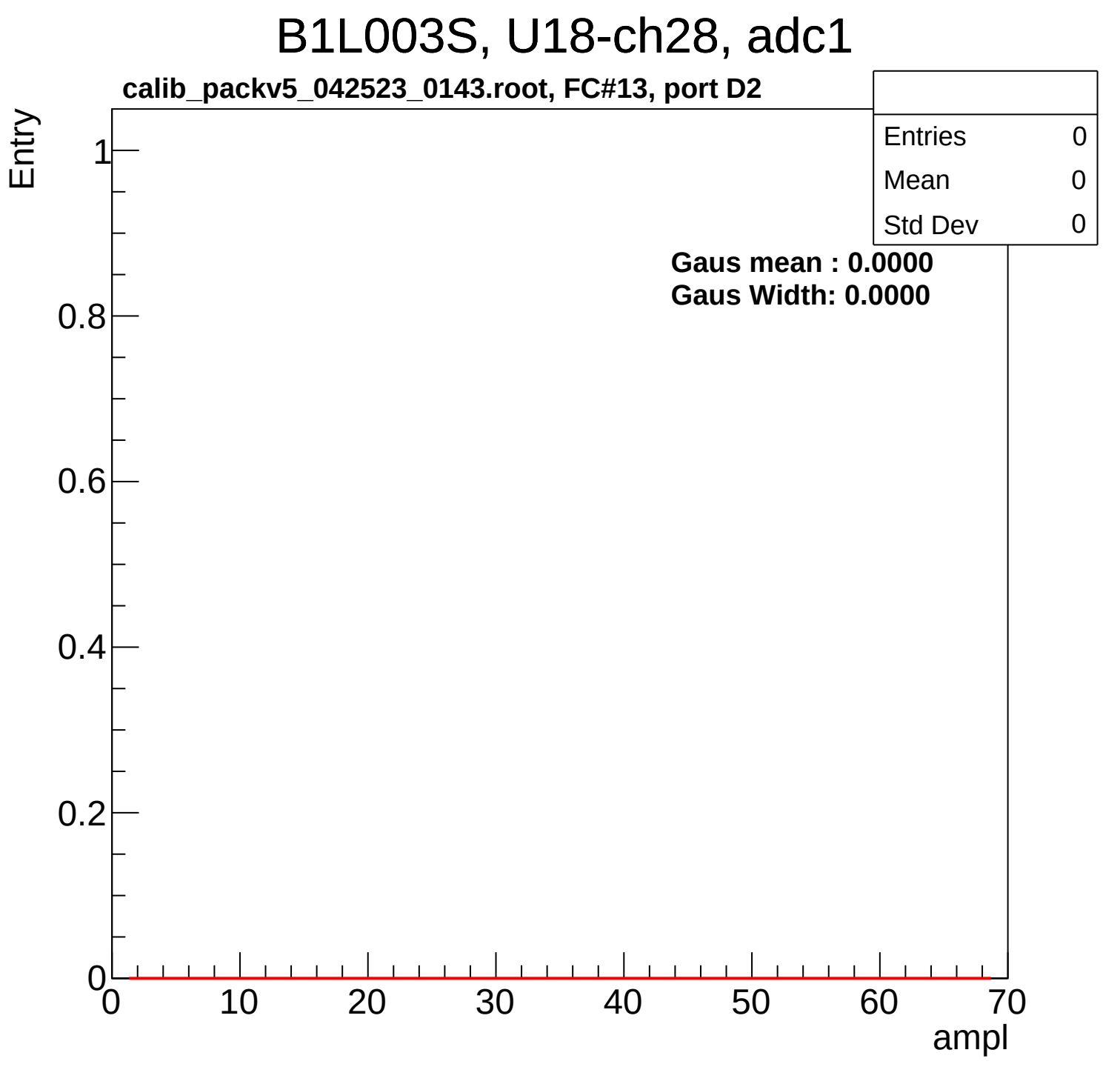

B1L003S, U18-ch27, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

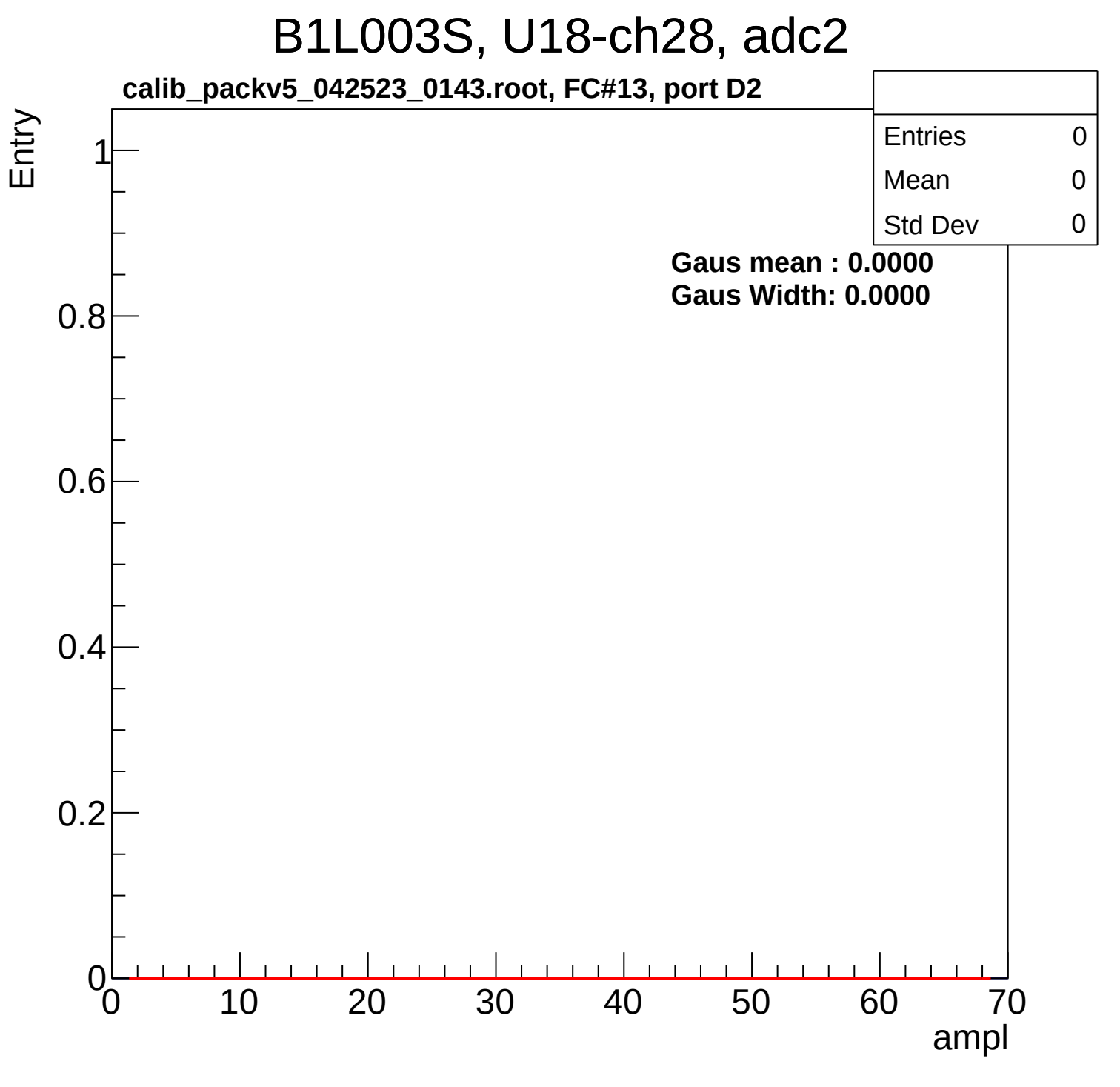

B1L003S, U18-ch27, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

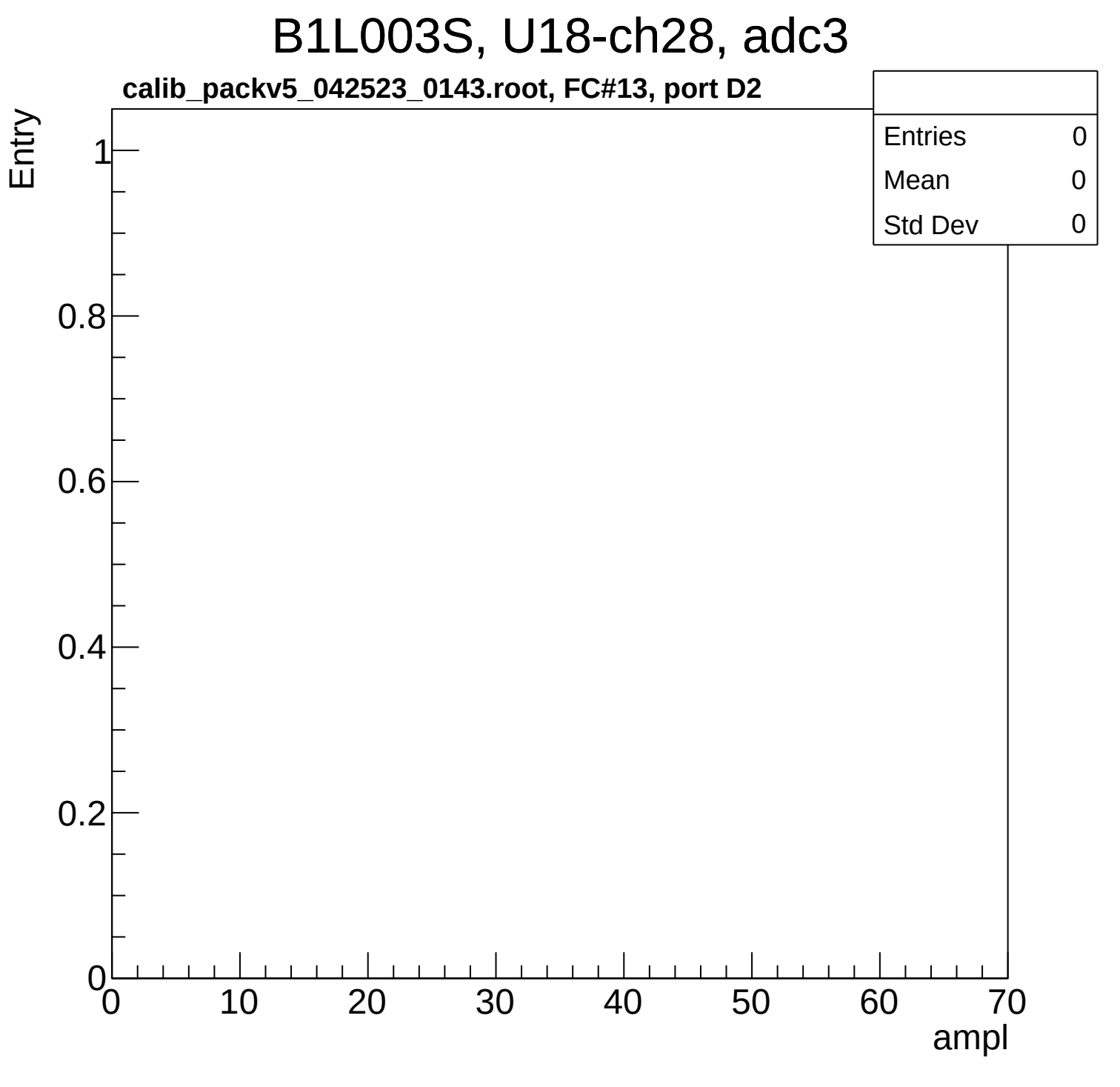

B1L003S, U18-ch27, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

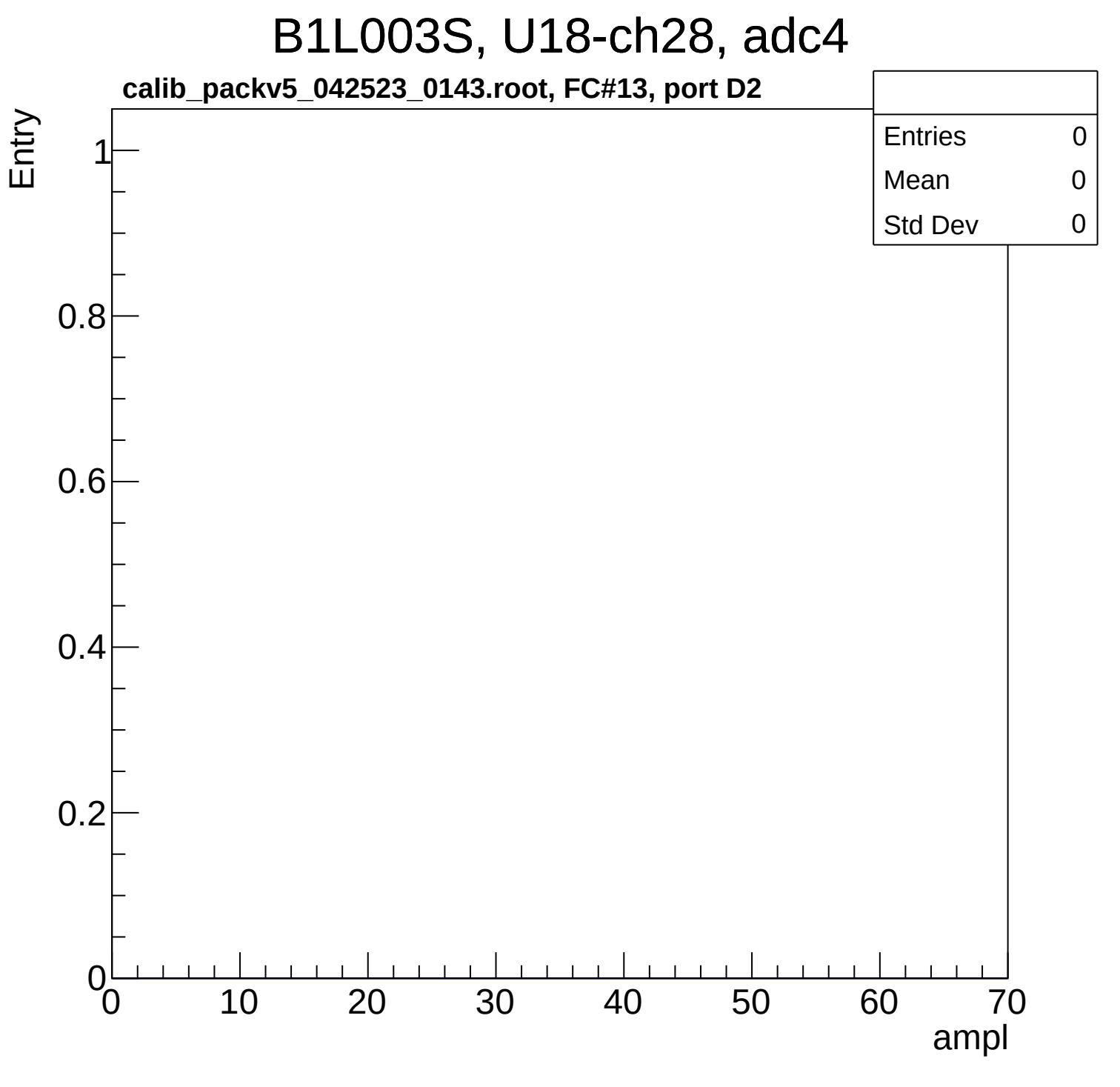

B1L003S, U18-ch27, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

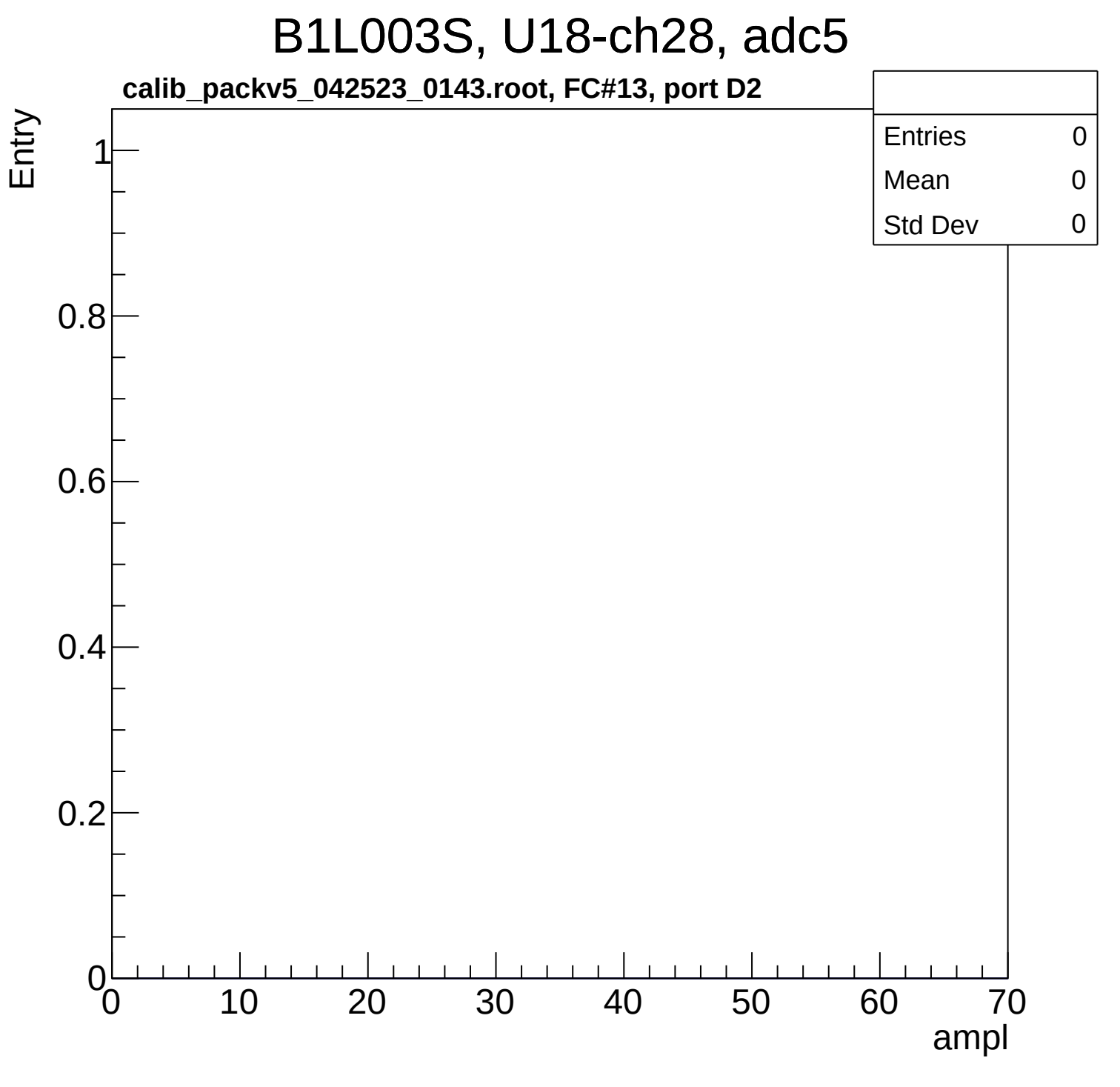

B1L003S, U18-ch28, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

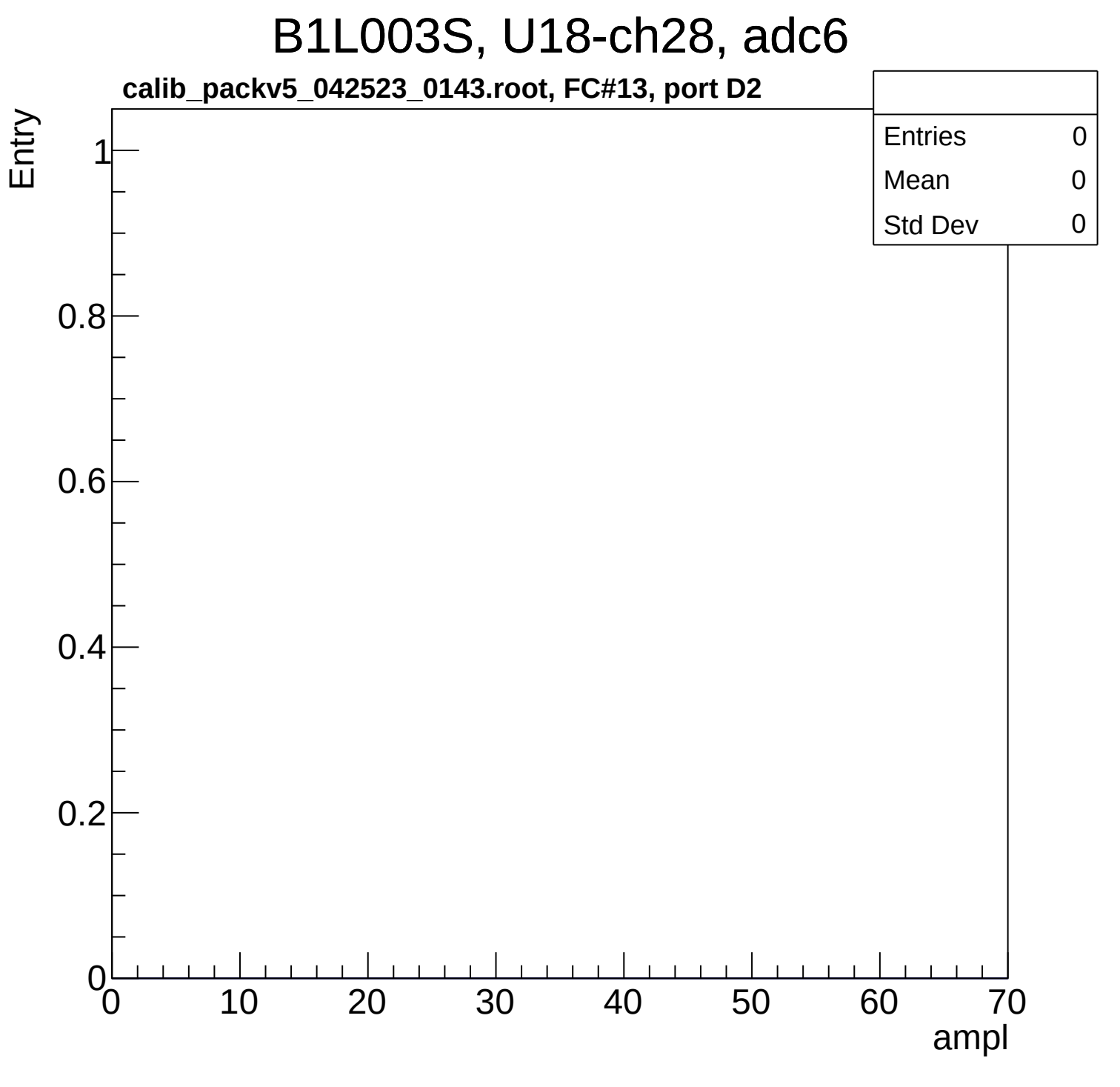

B1L003S, U18-ch28, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

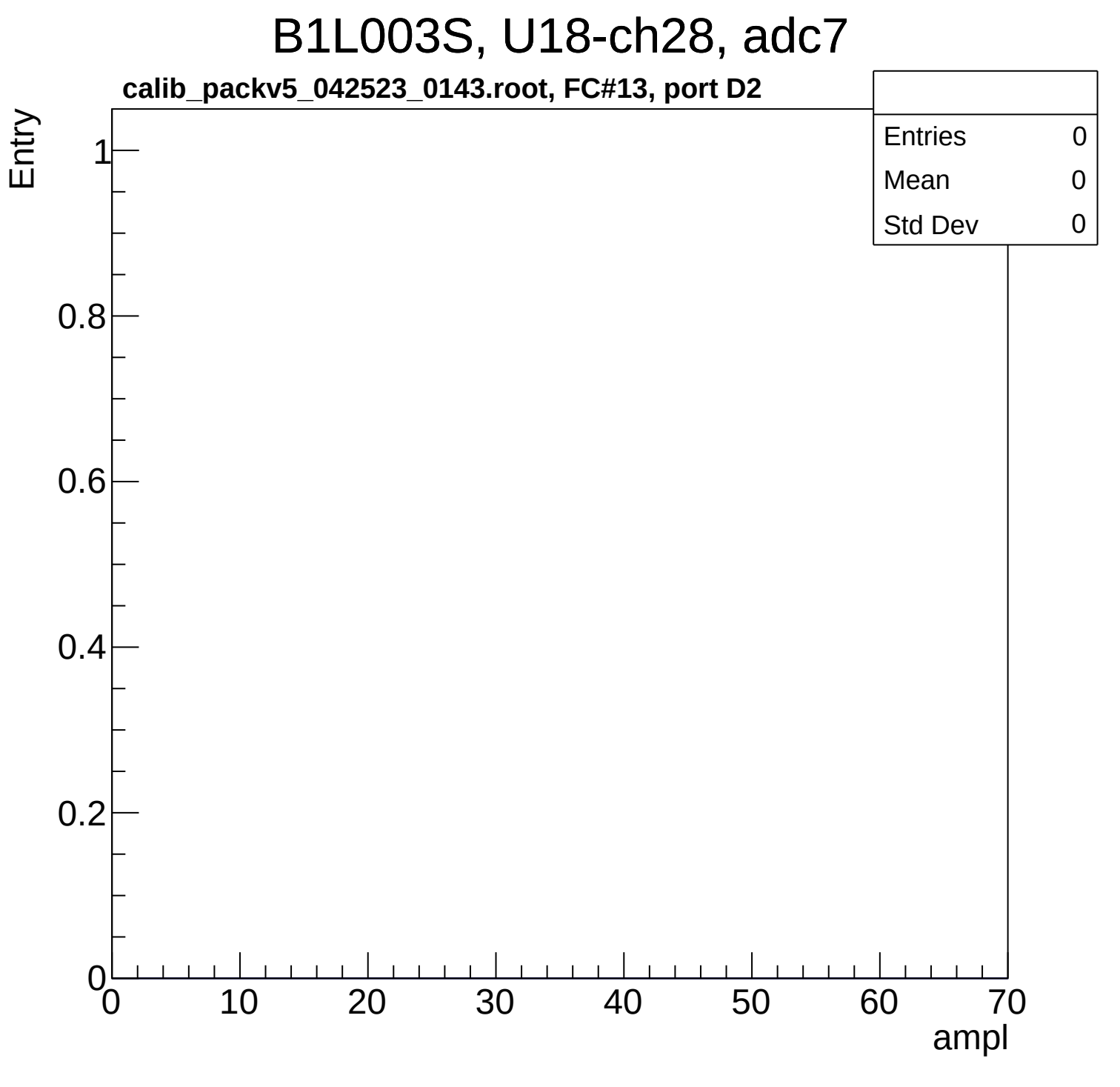

B1L003S, U18-ch28, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

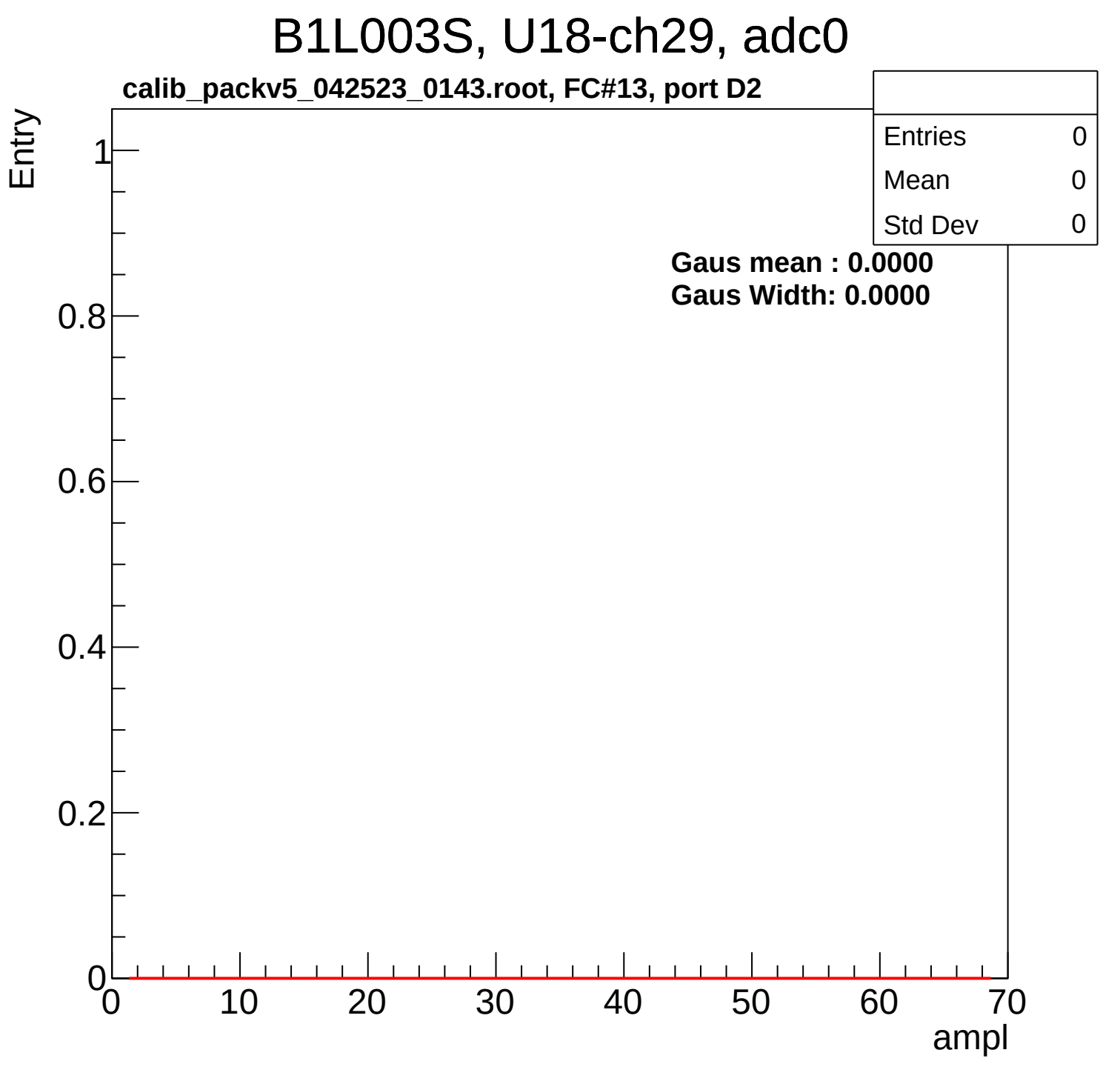

B1L003S, U18-ch28, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

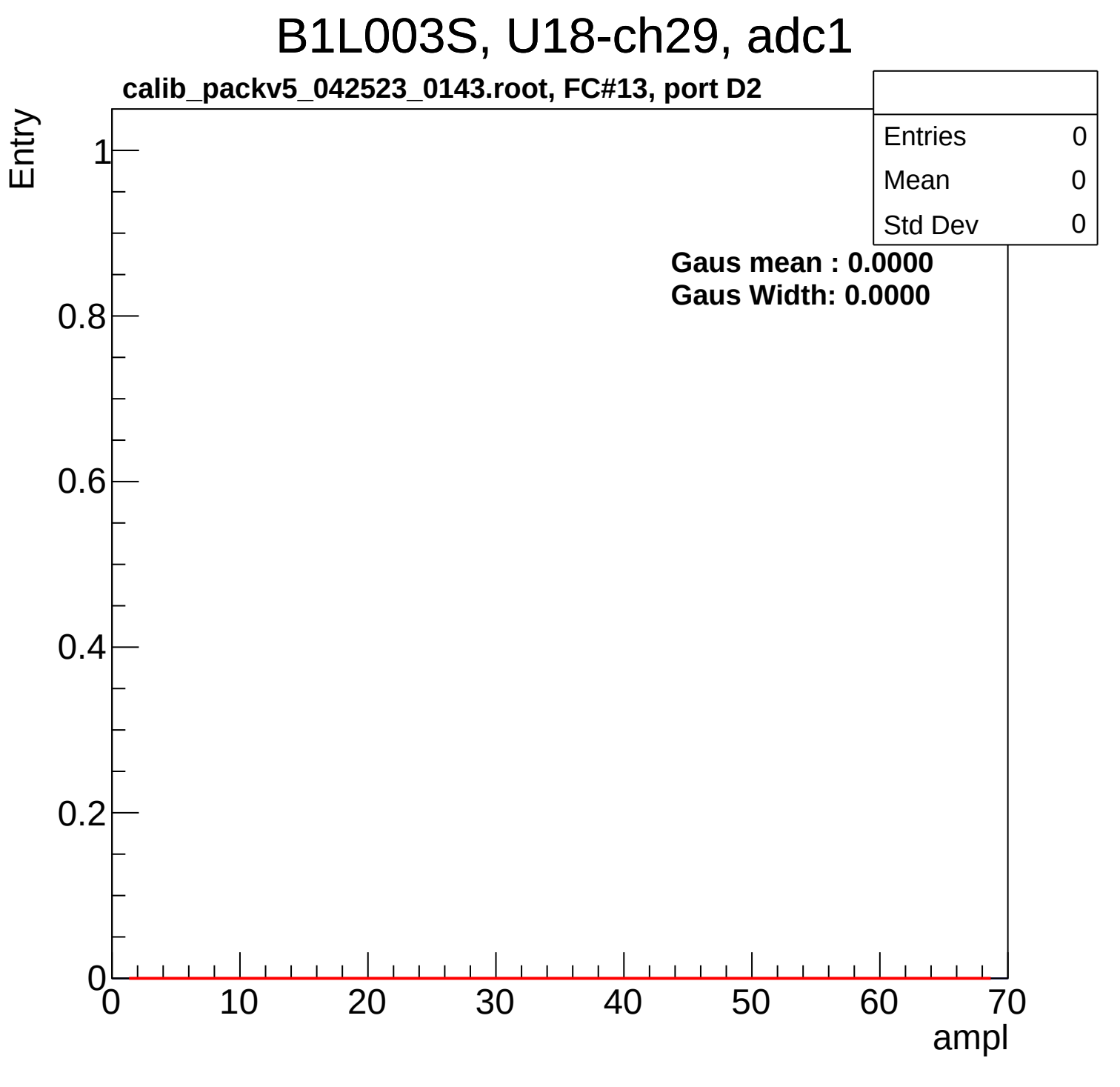

B1L003S, U18-ch28, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

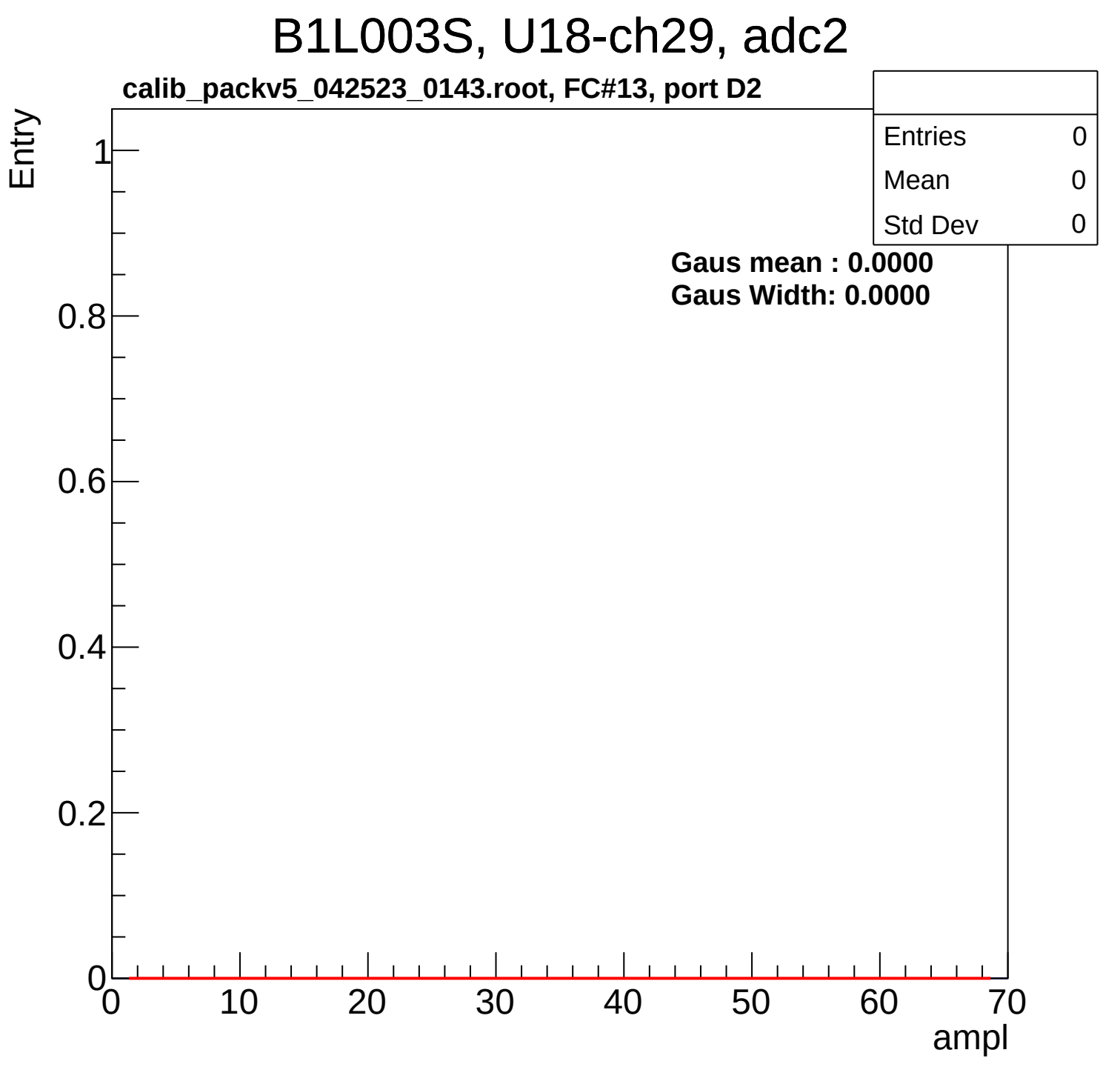

B1L003S, U18-ch28, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

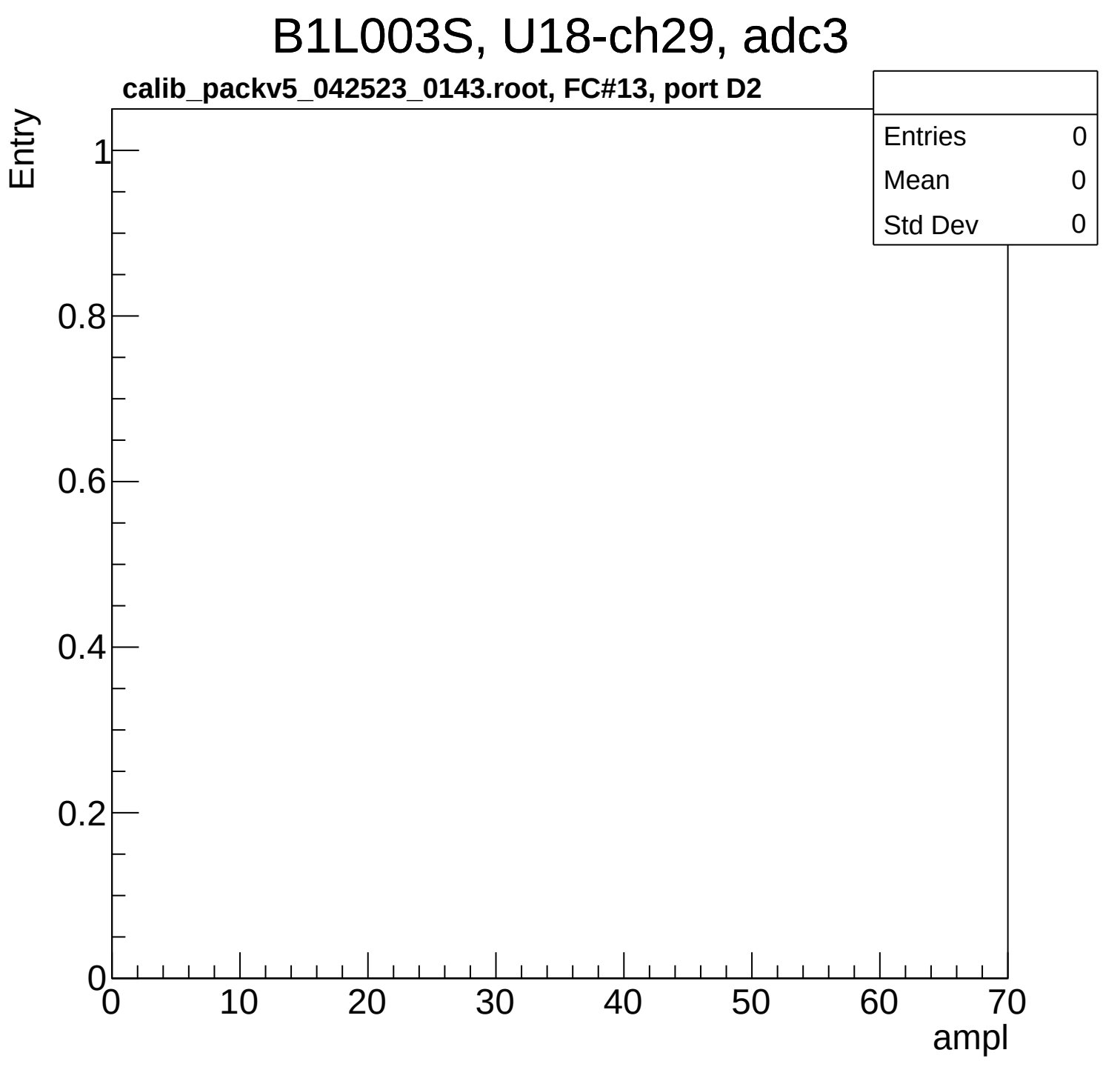

B1L003S, U18-ch28, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

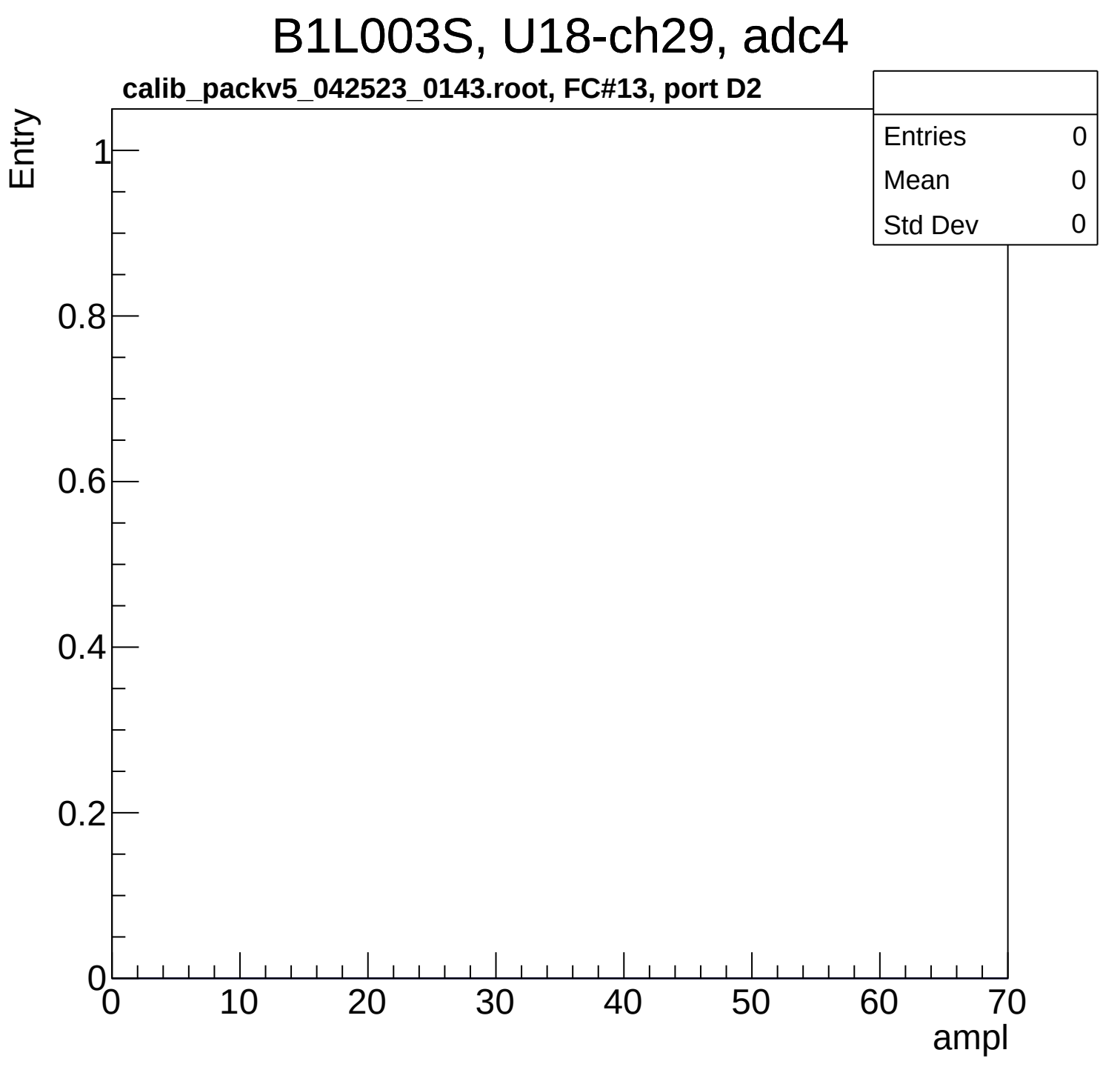

B1L003S, U18-ch28, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

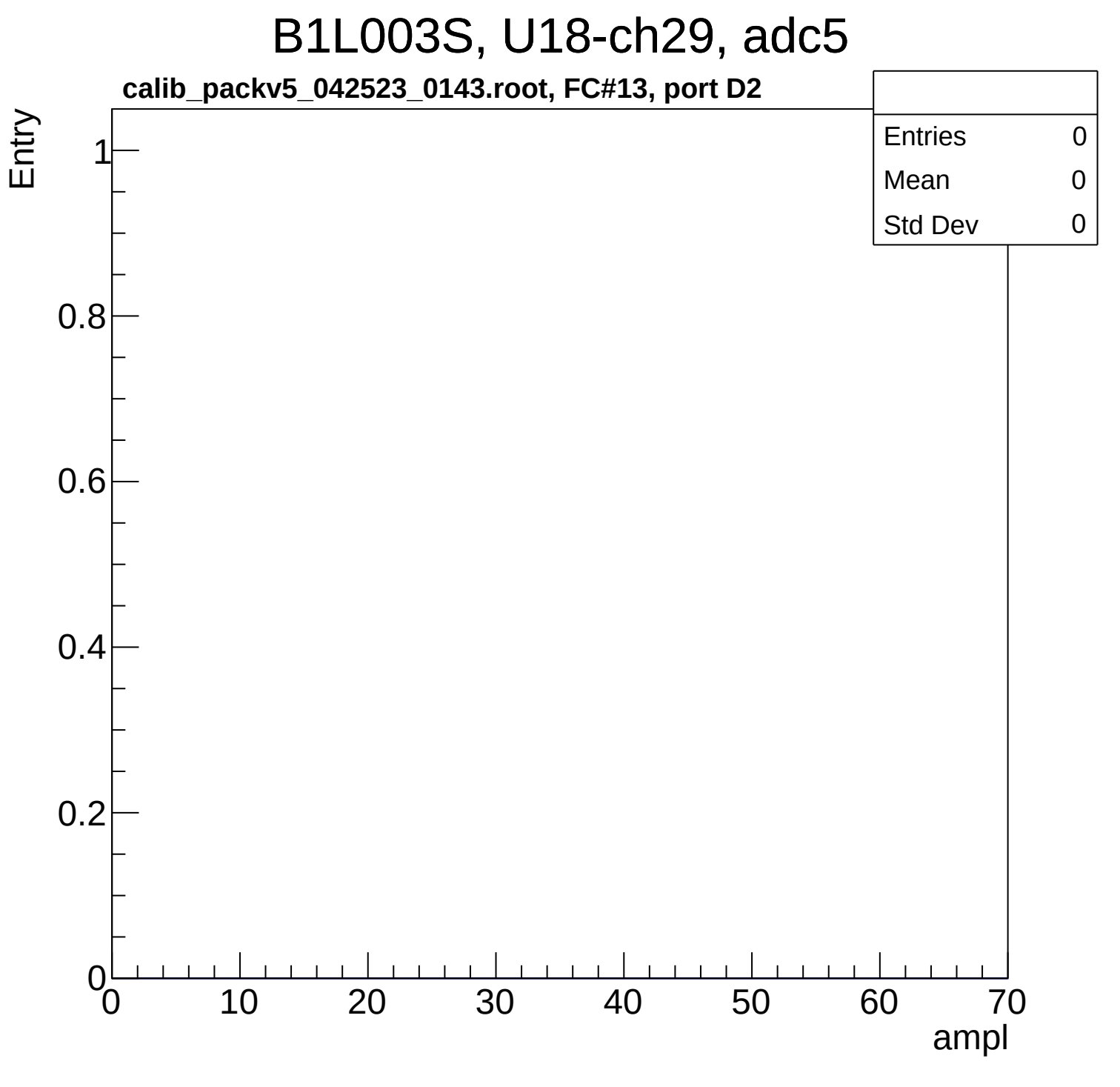

B1L003S, U18-ch29, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

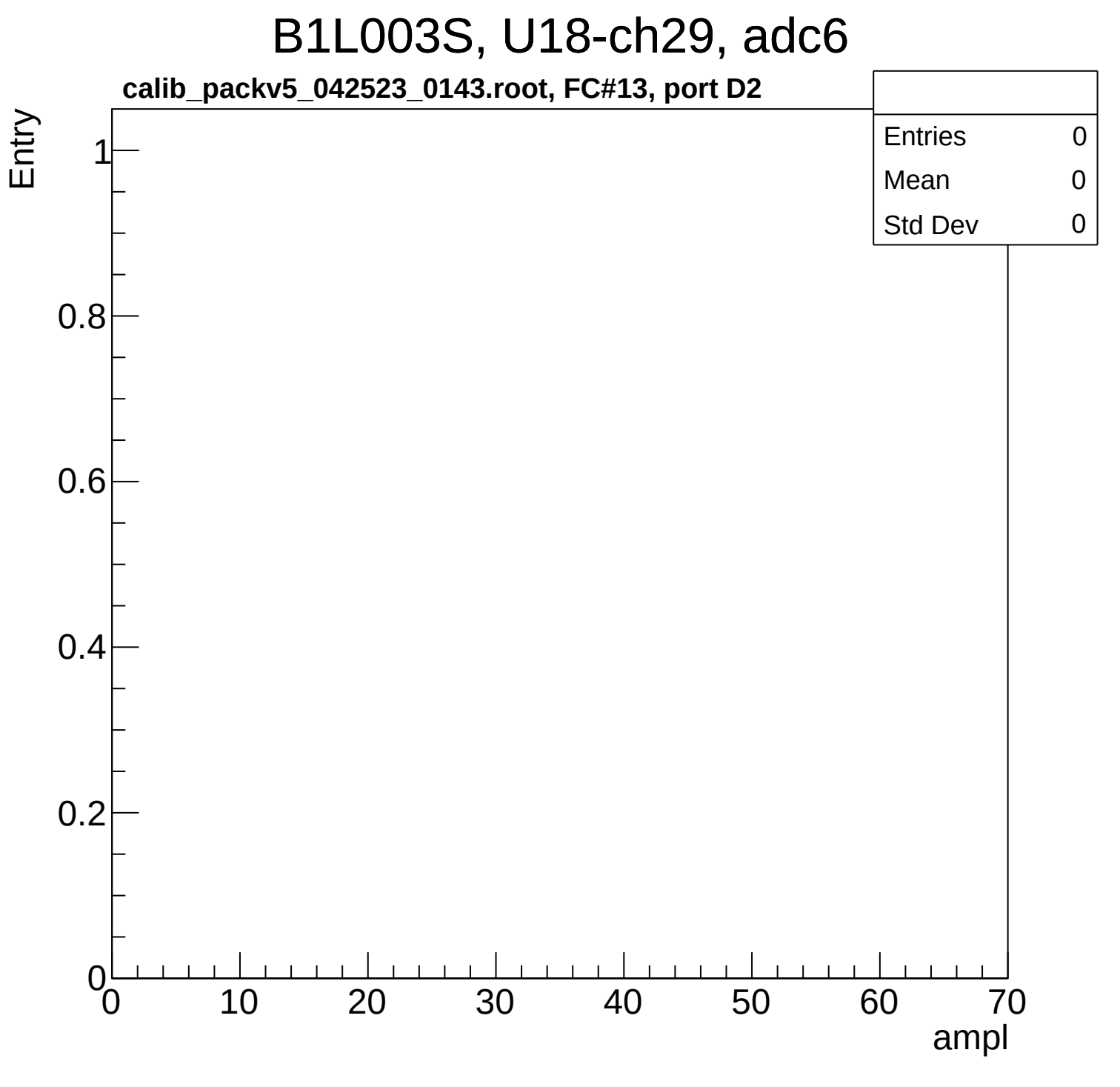

B1L003S, U18-ch29, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

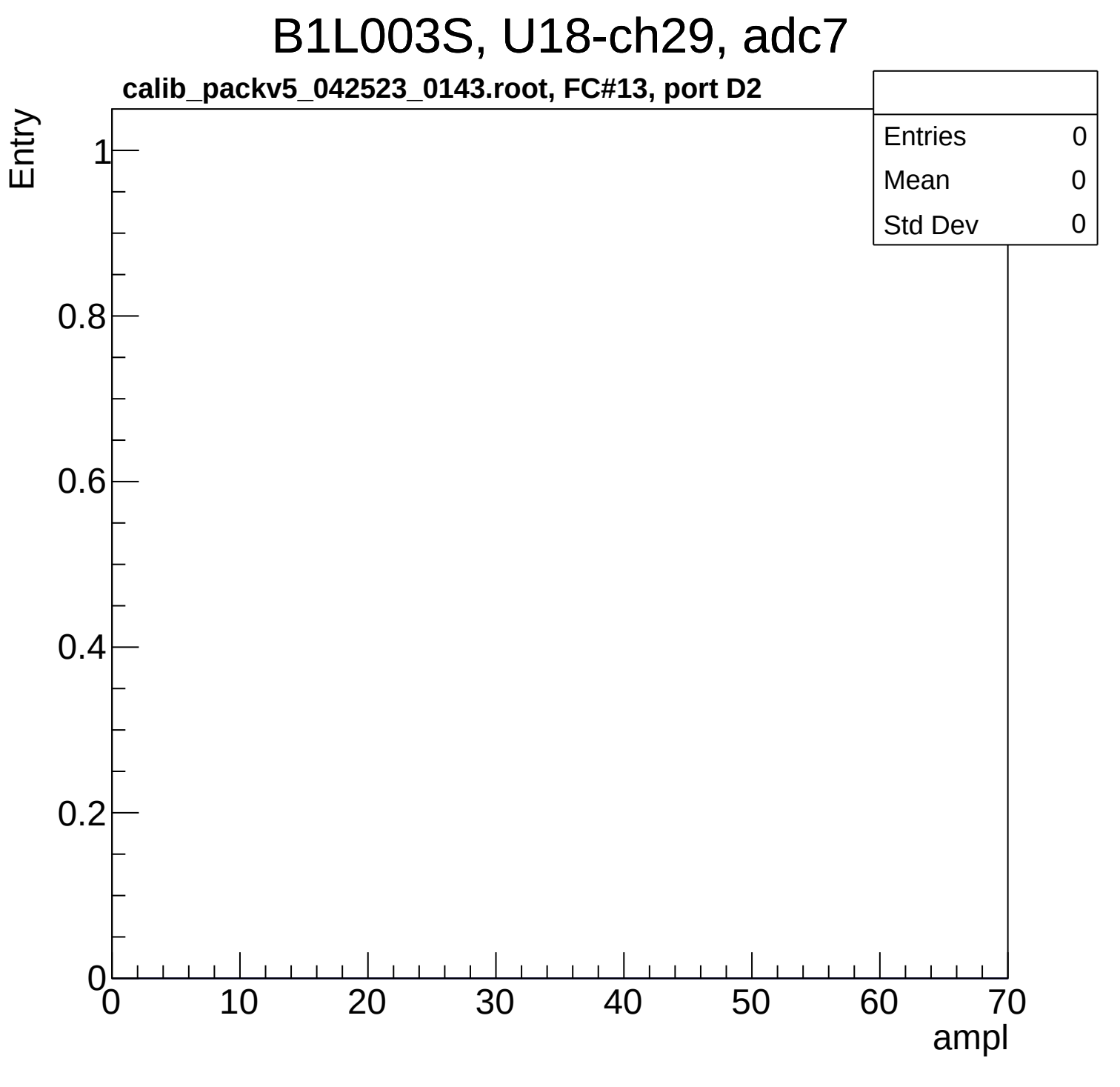

B1L003S, U18-ch29, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

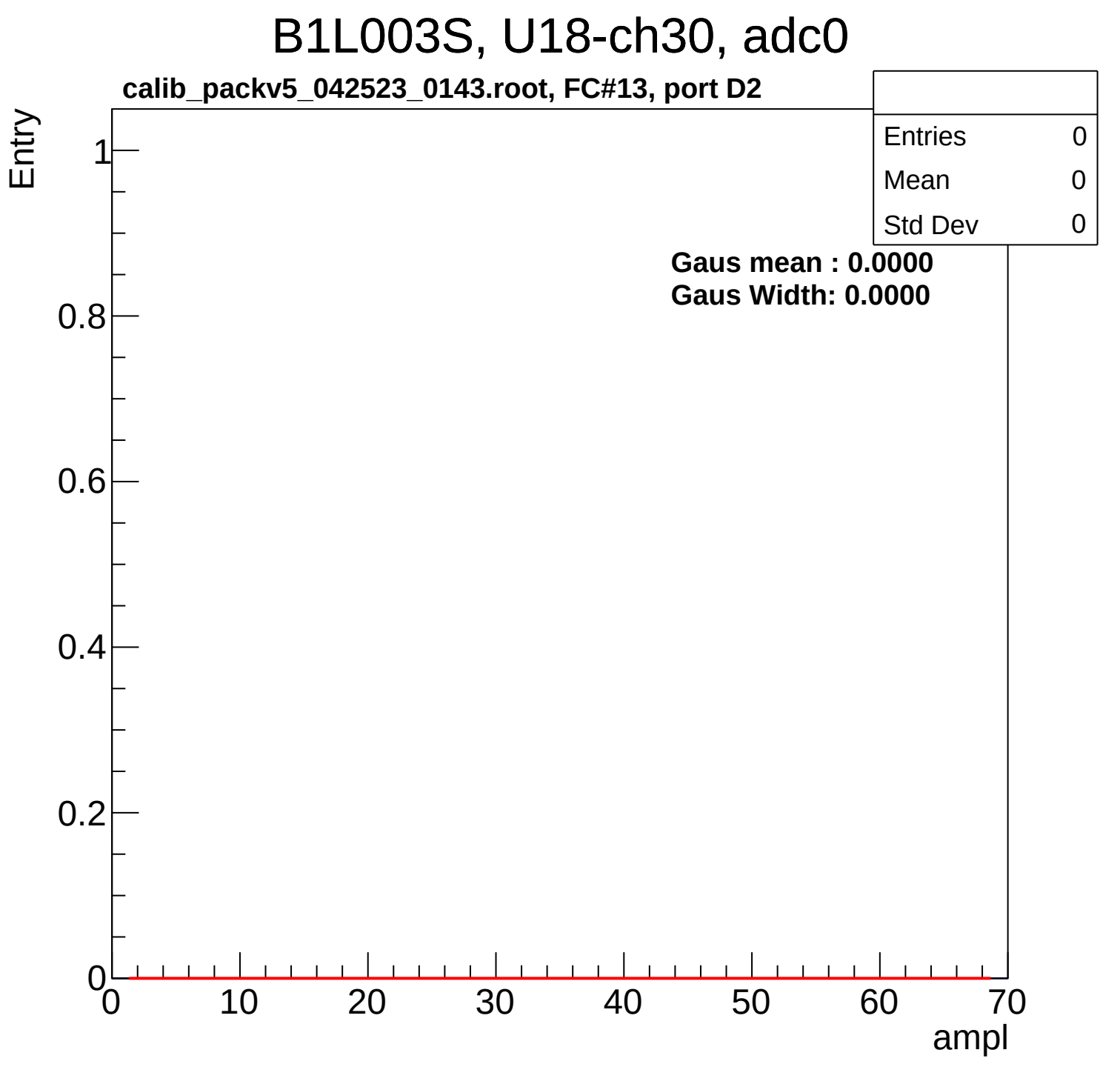

B1L003S, U18-ch29, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

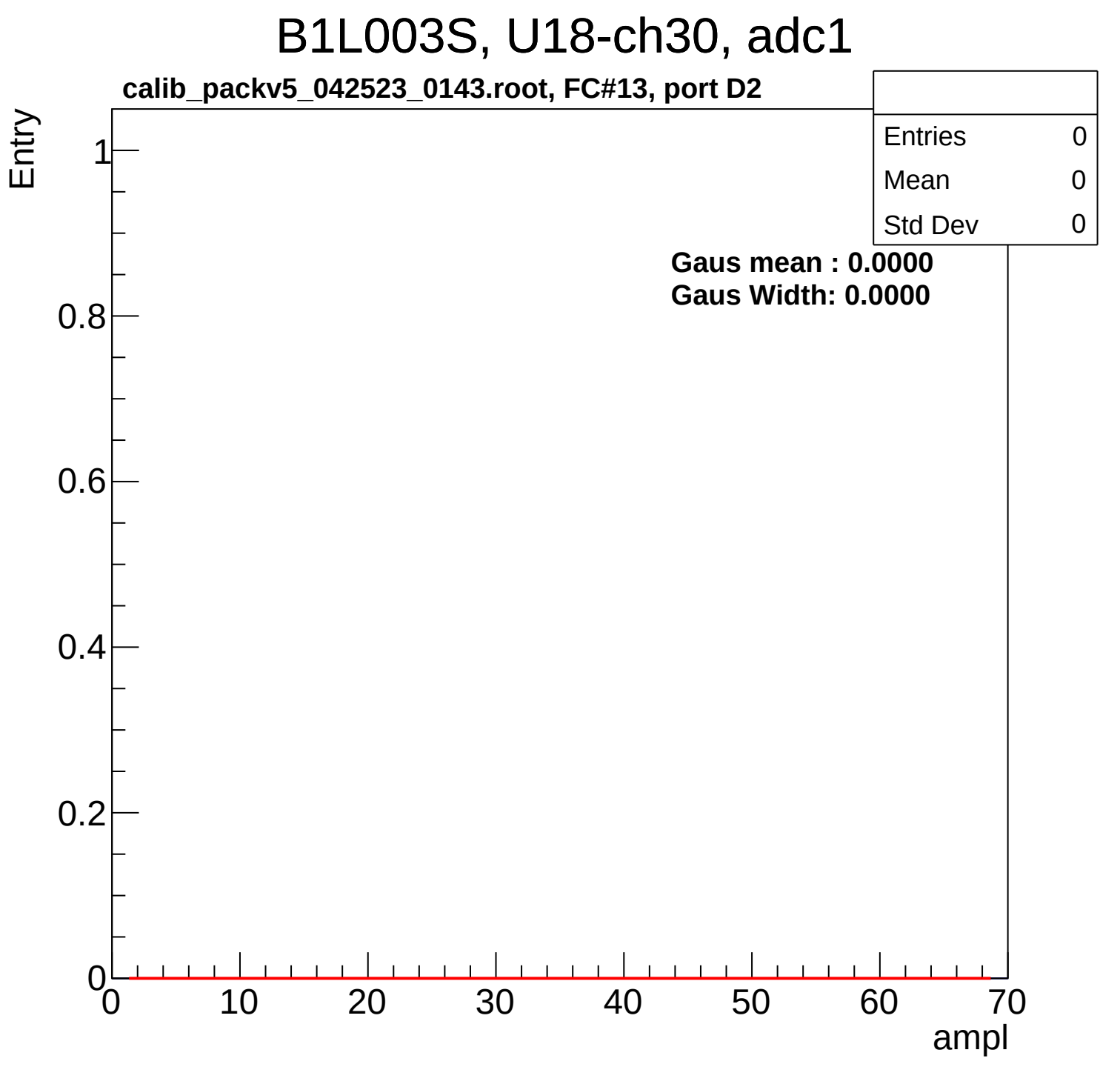

B1L003S, U18-ch29, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

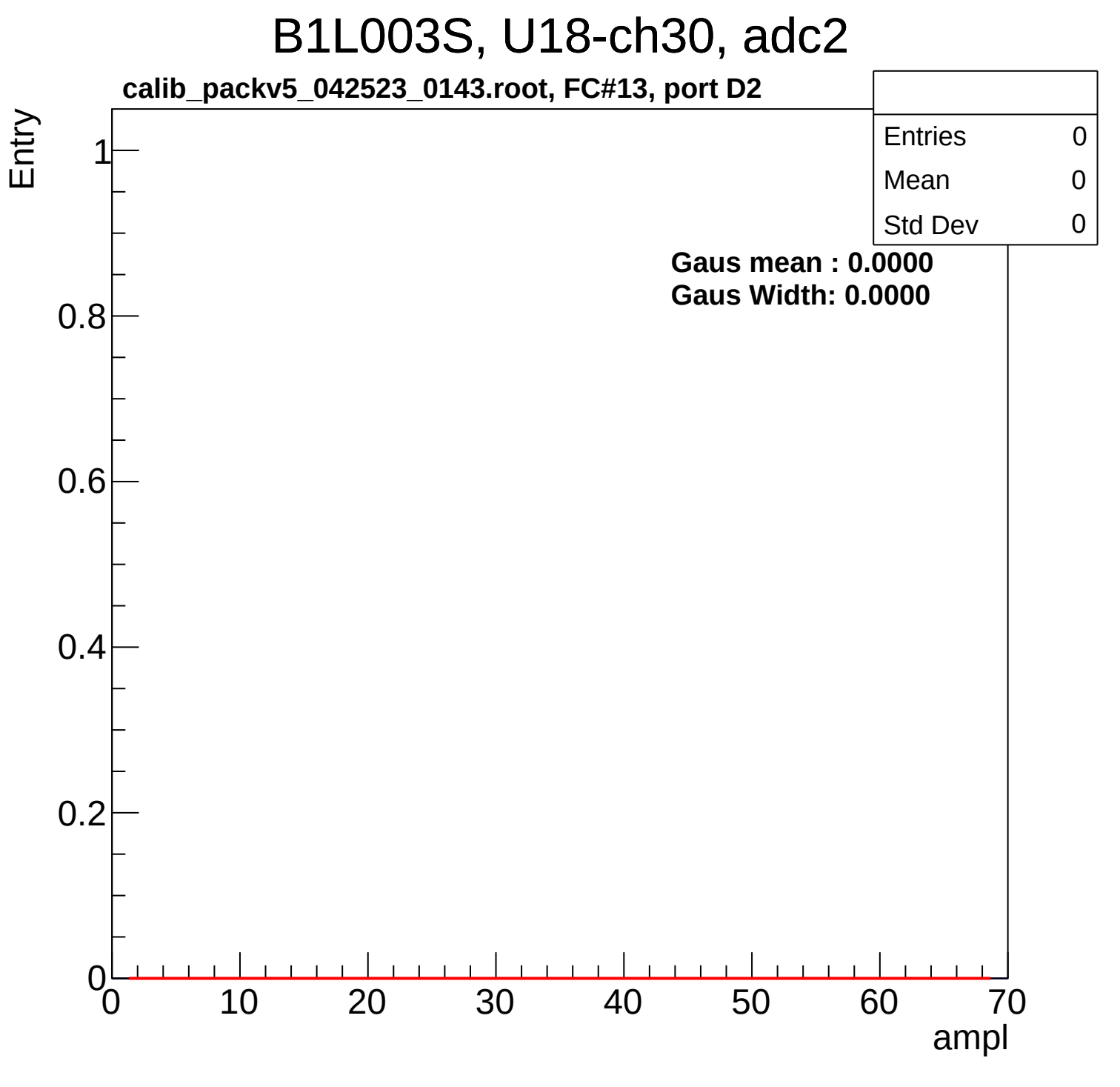

B1L003S, U18-ch29, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

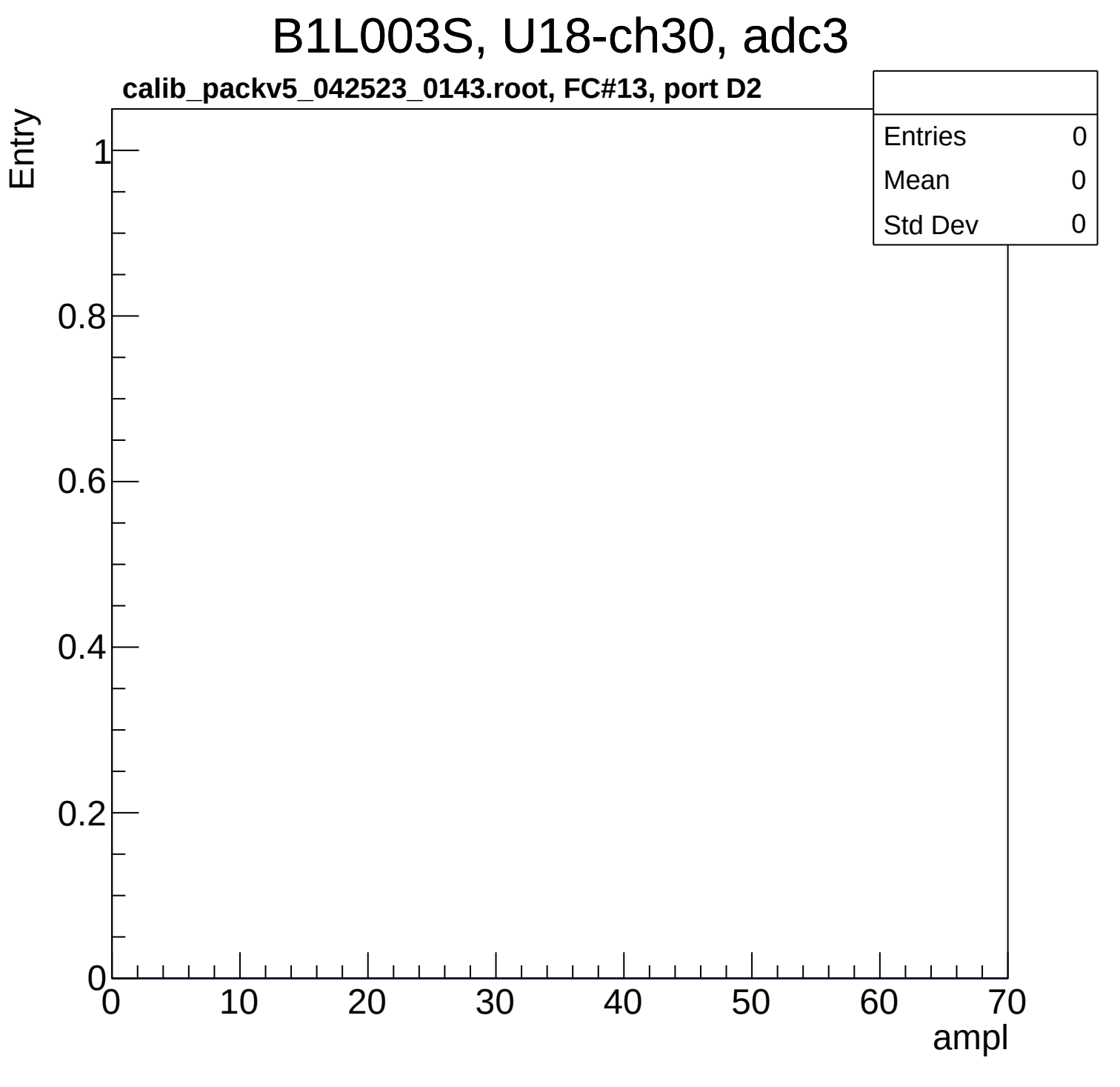

B1L003S, U18-ch29, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

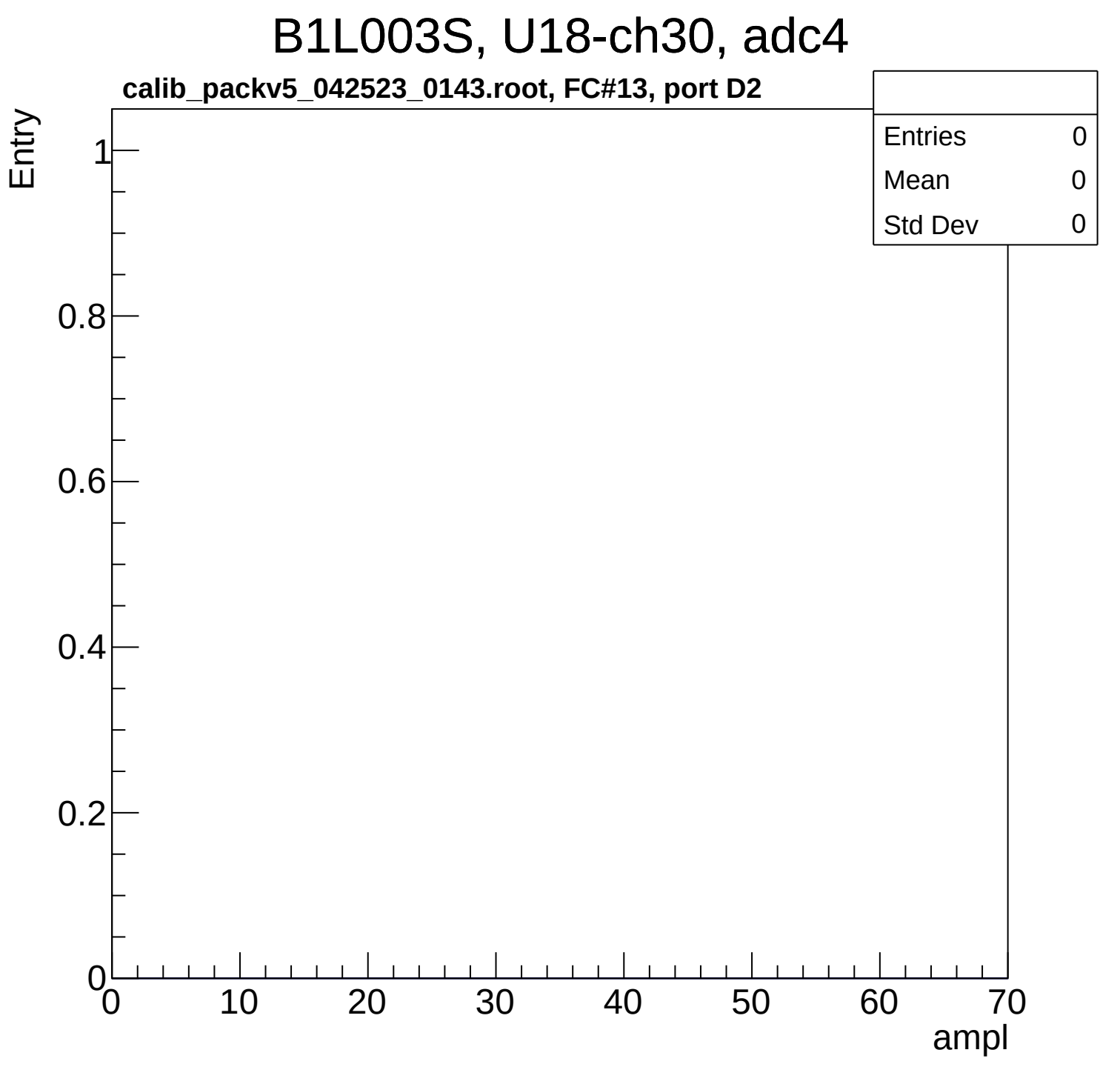

B1L003S, U18-ch29, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

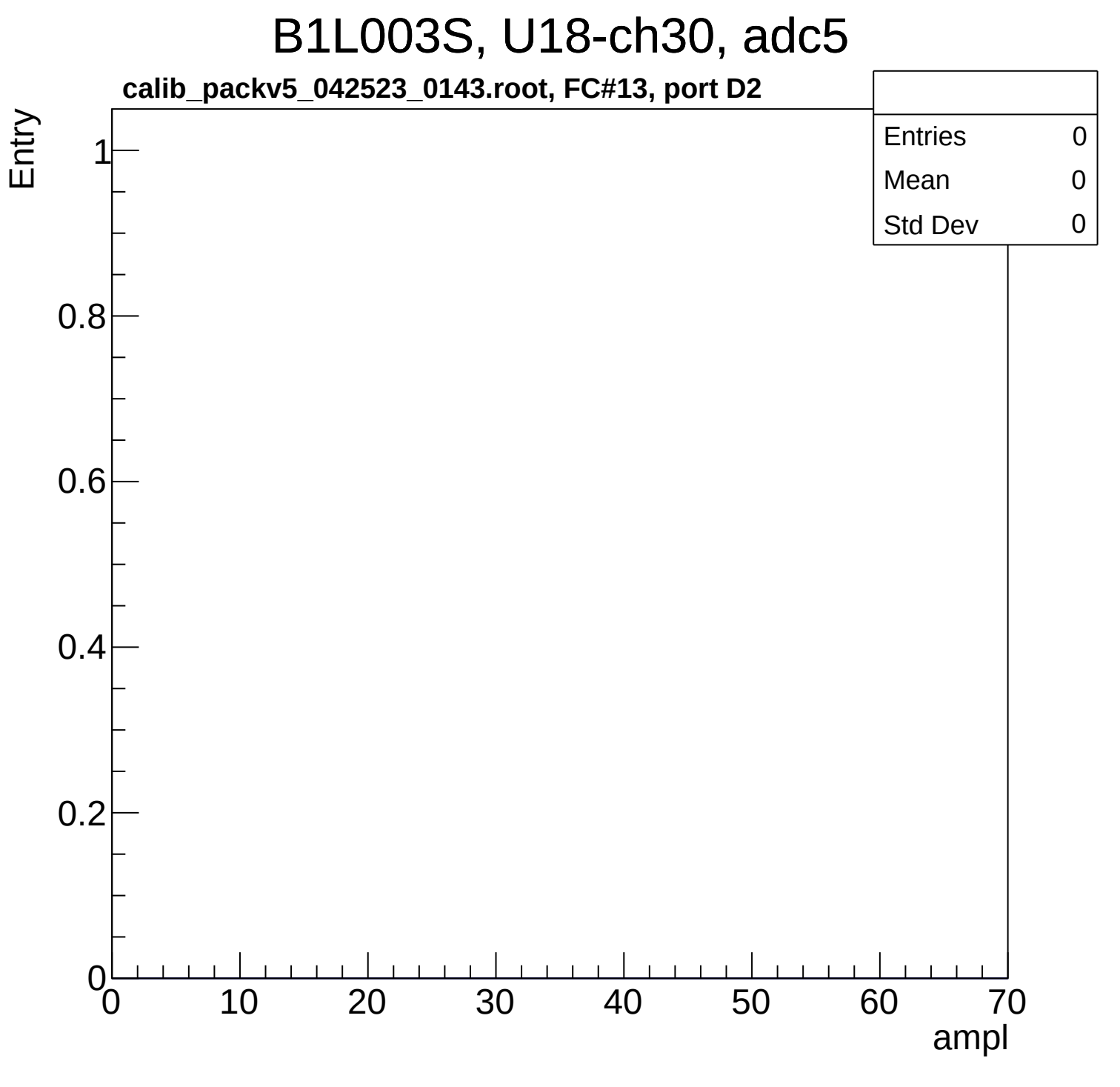

B1L003S, U18-ch30, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

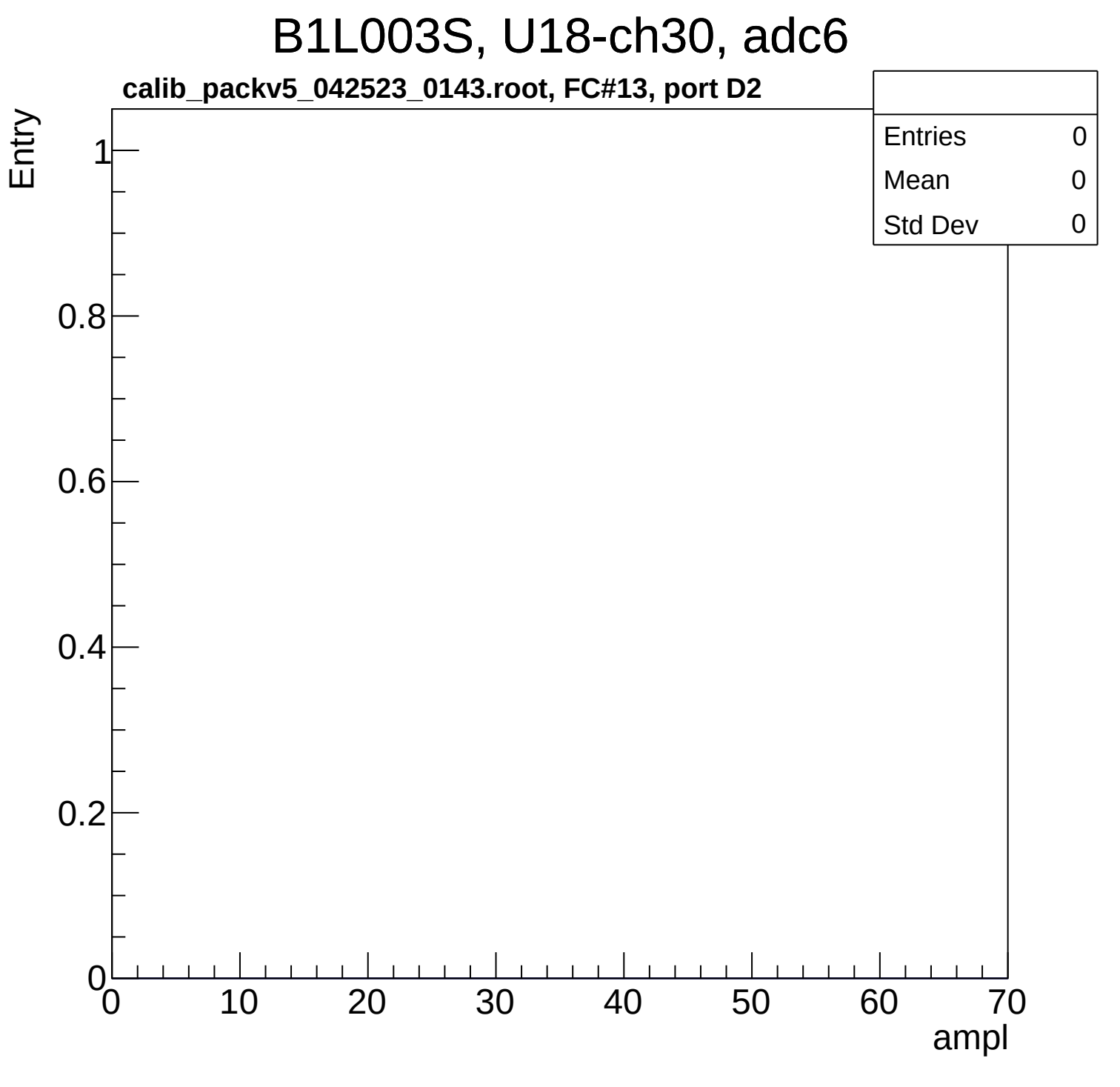

B1L003S, U18-ch30, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

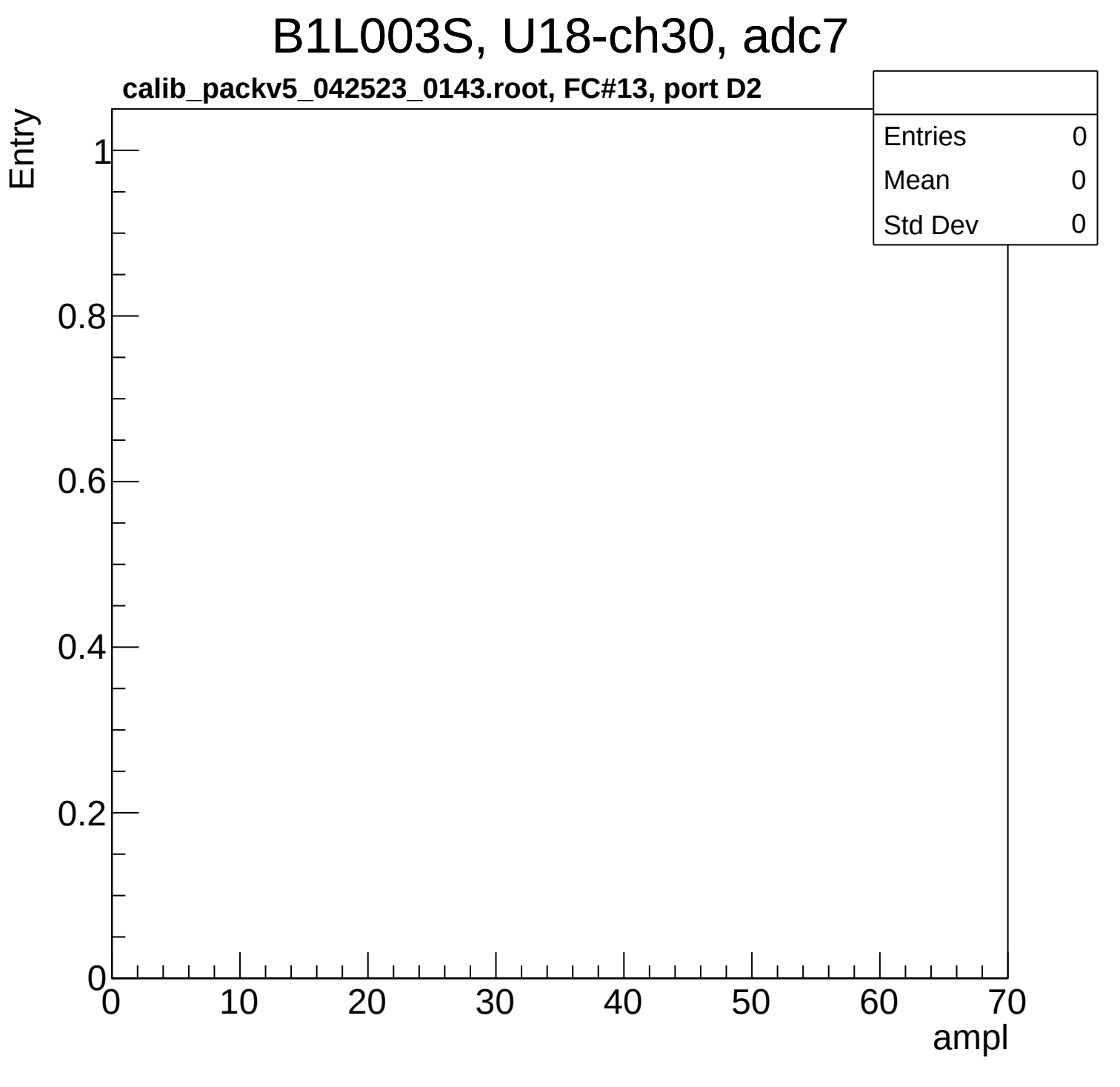

B1L003S, U18-ch30, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

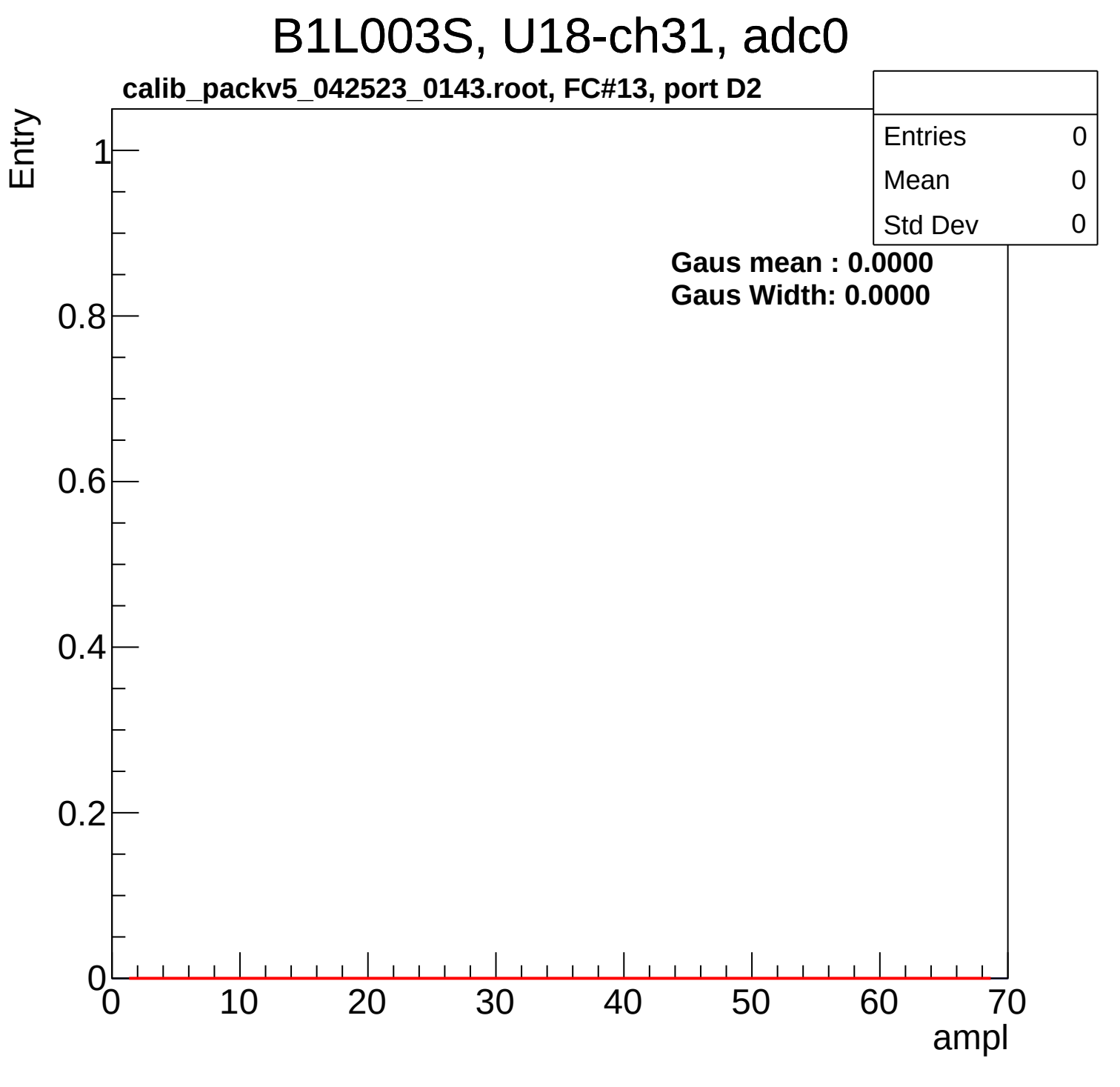

B1L003S, U18-ch30, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

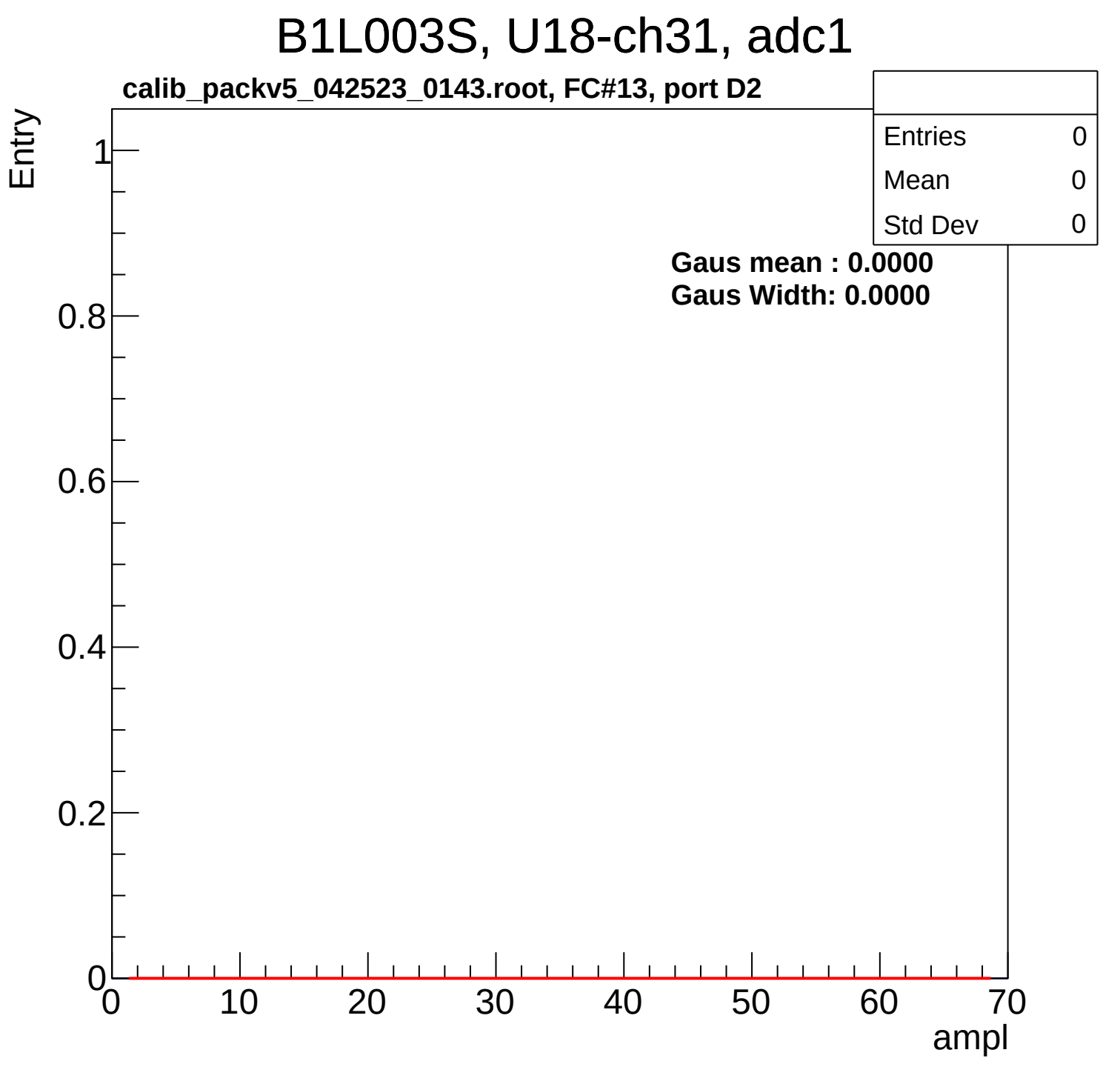

B1L003S, U18-ch30, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

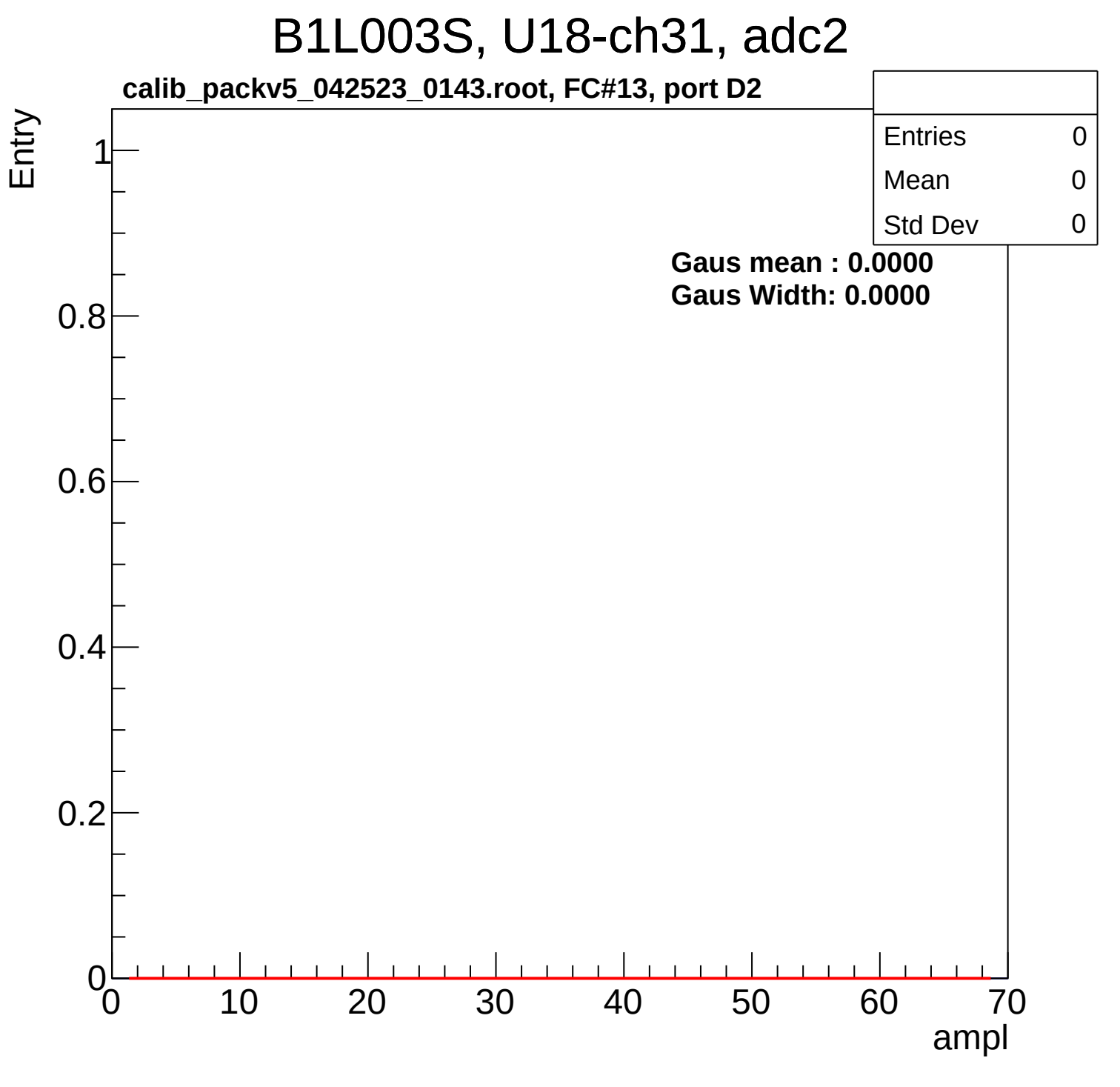

B1L003S, U18-ch30, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

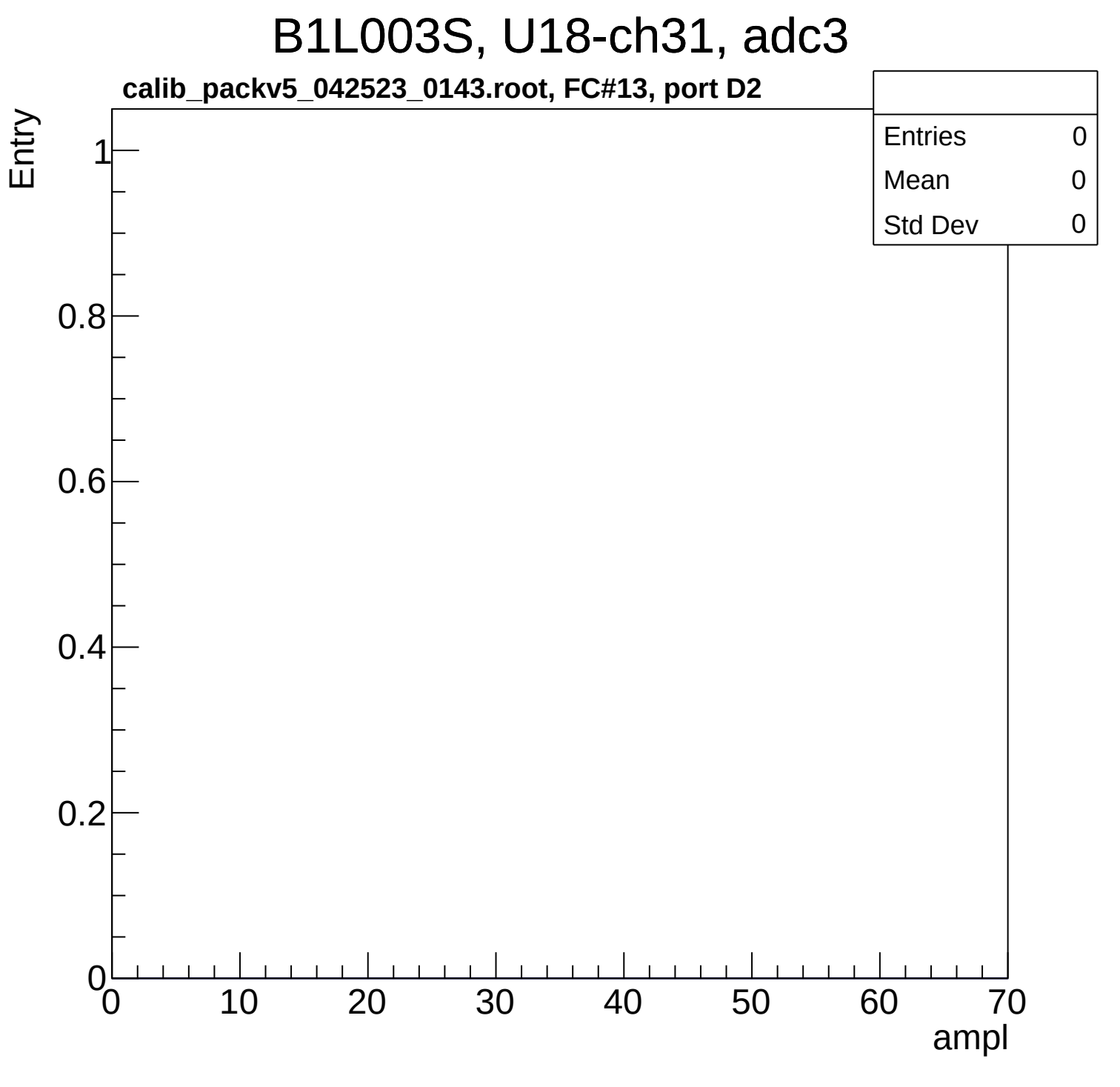

B1L003S, U18-ch30, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

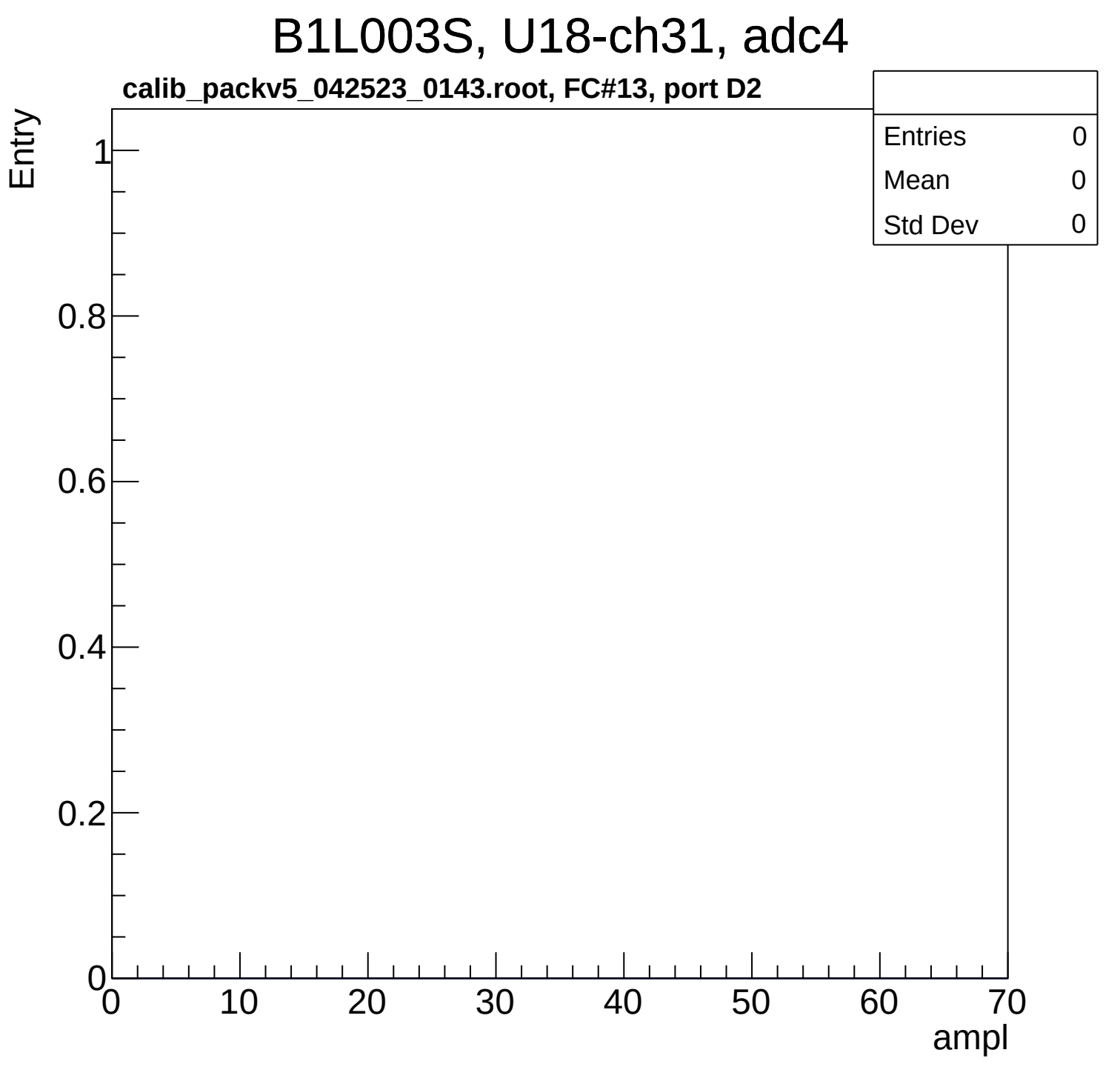

B1L003S, U18-ch30, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

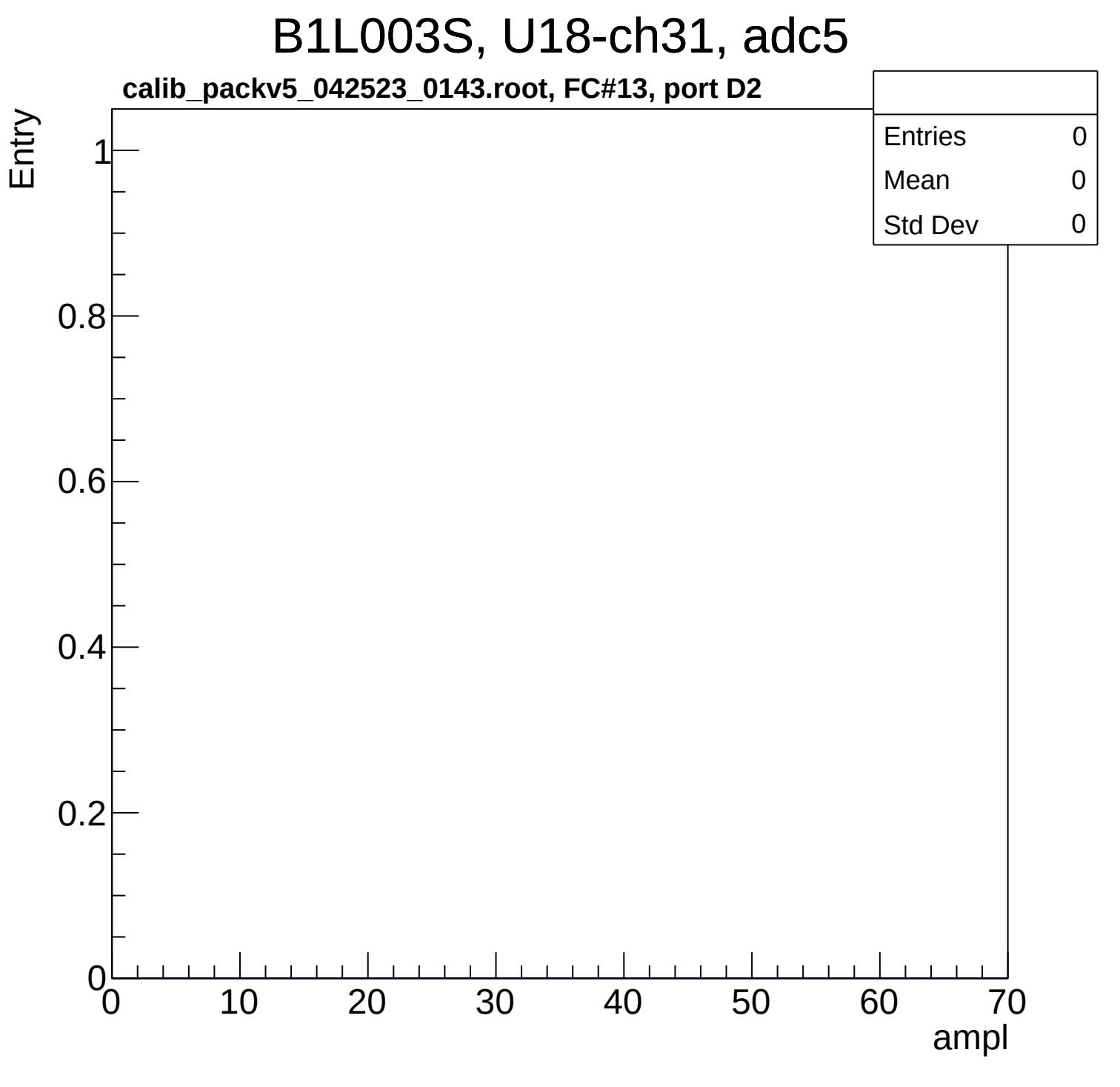

B1L003S, U18-ch31, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

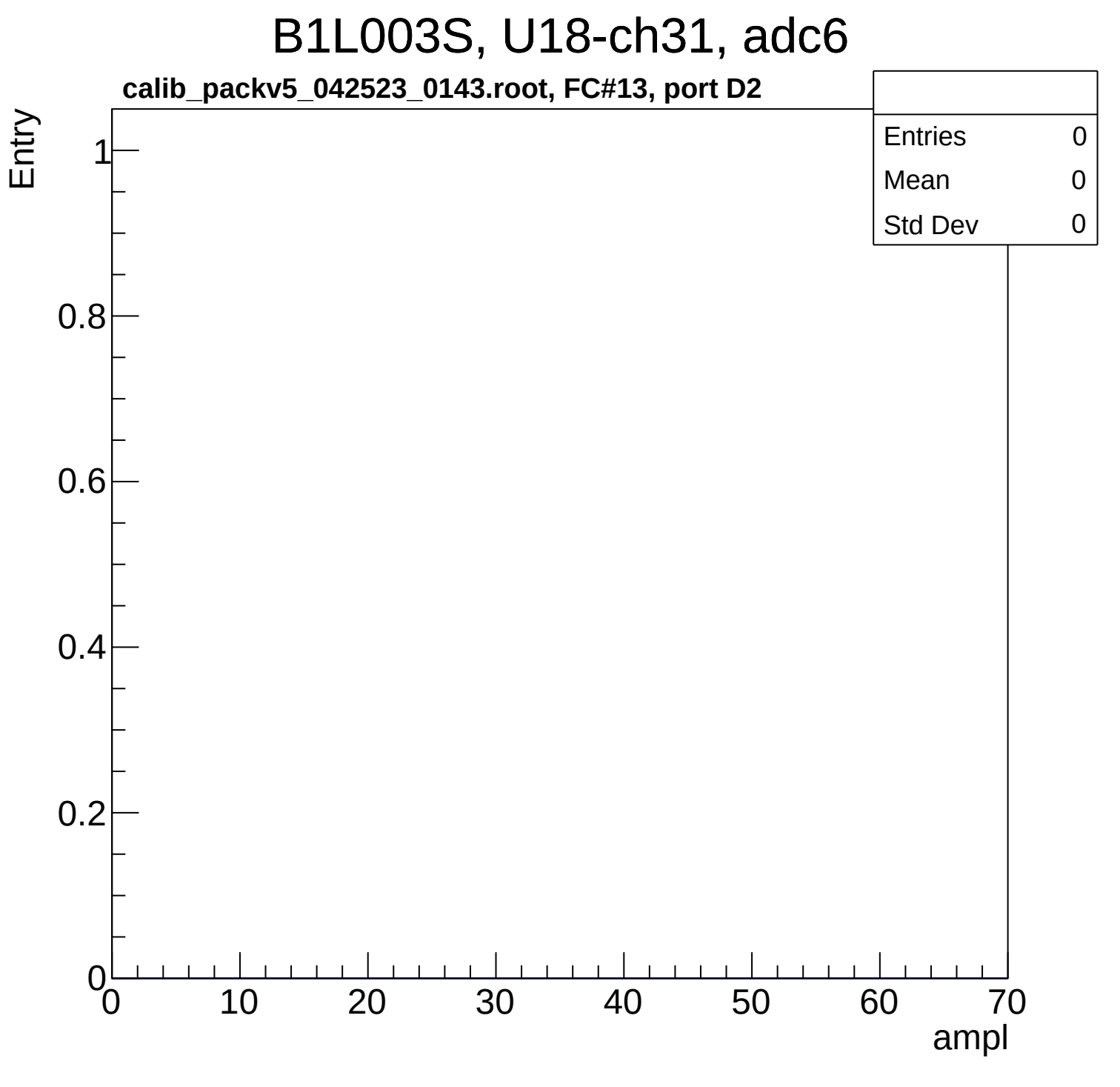

B1L003S, U18-ch31, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

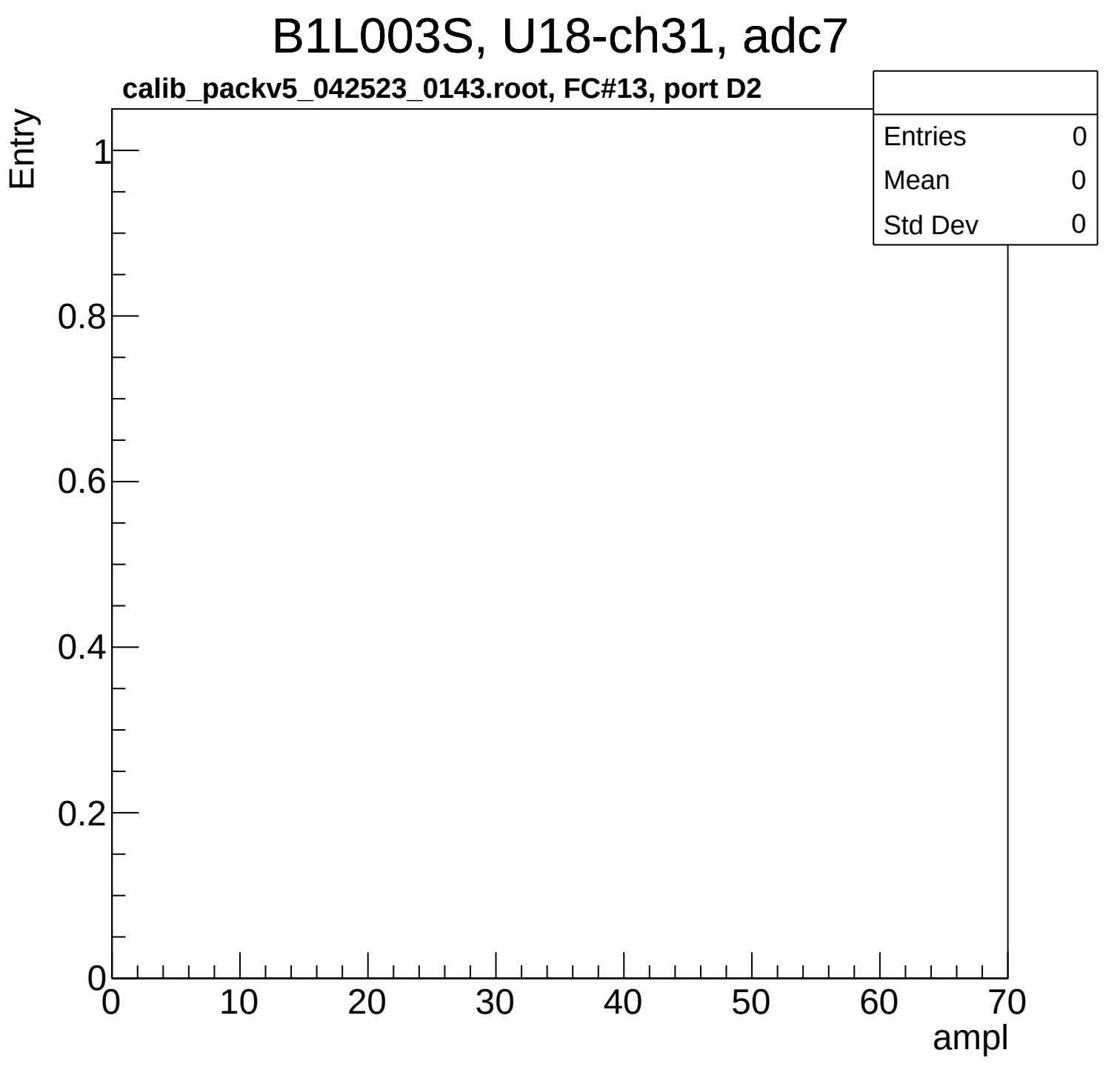

B1L003S, U18-ch31, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Gaus mean : 0.0000
Gaus Width: 0.0000
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

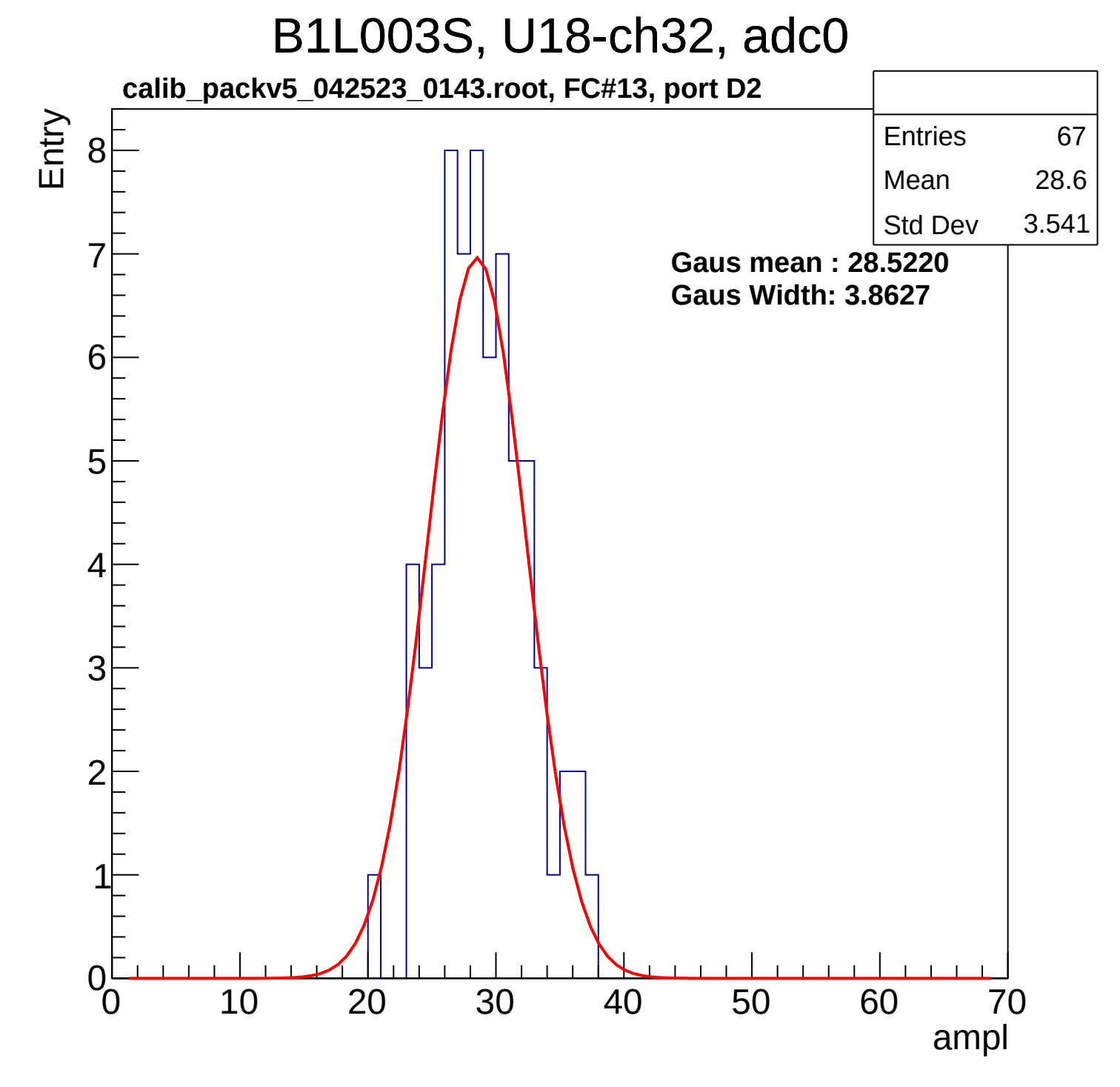

B1L003S, U18-ch31, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

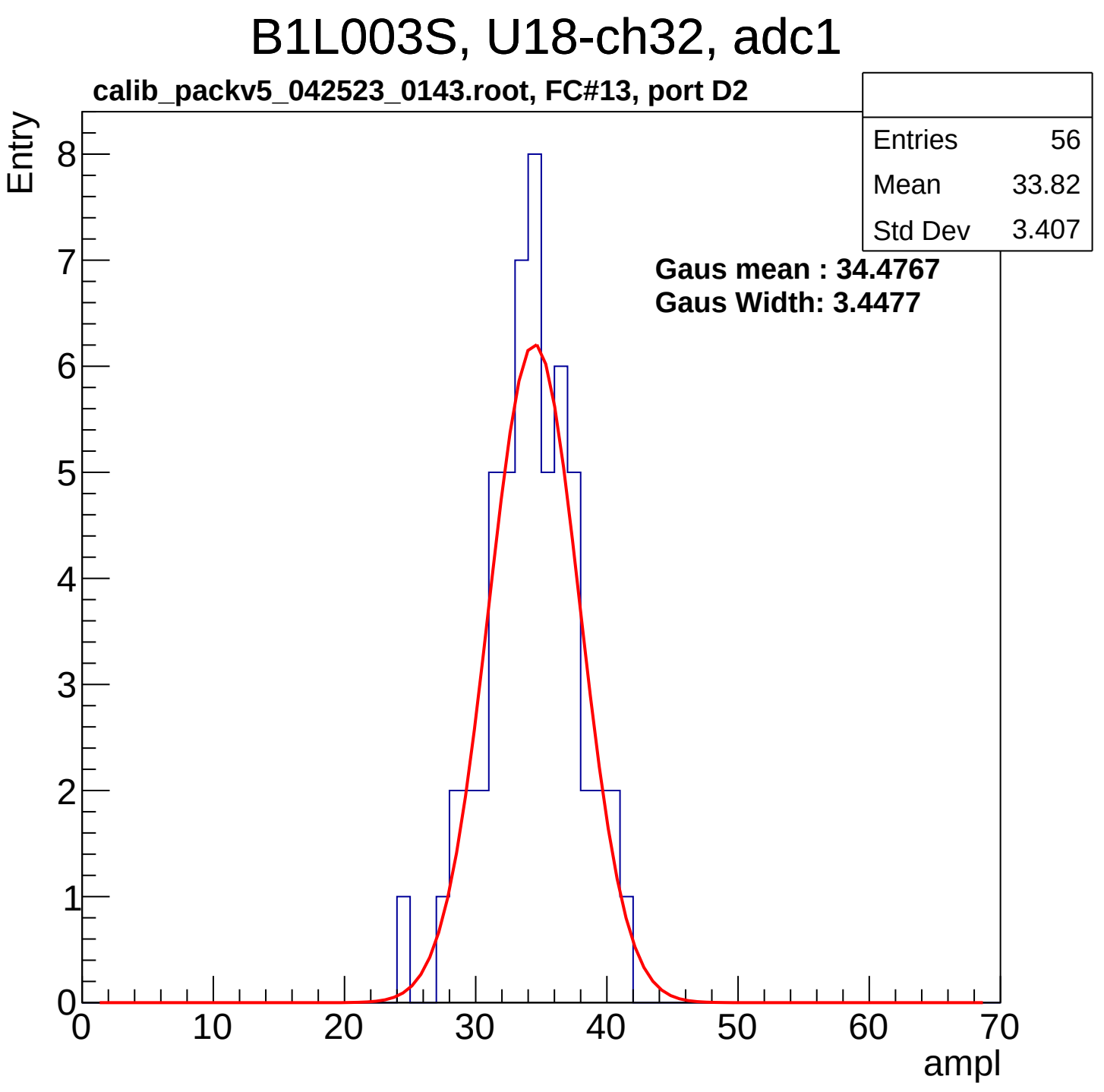

B1L003S, U18-ch31, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

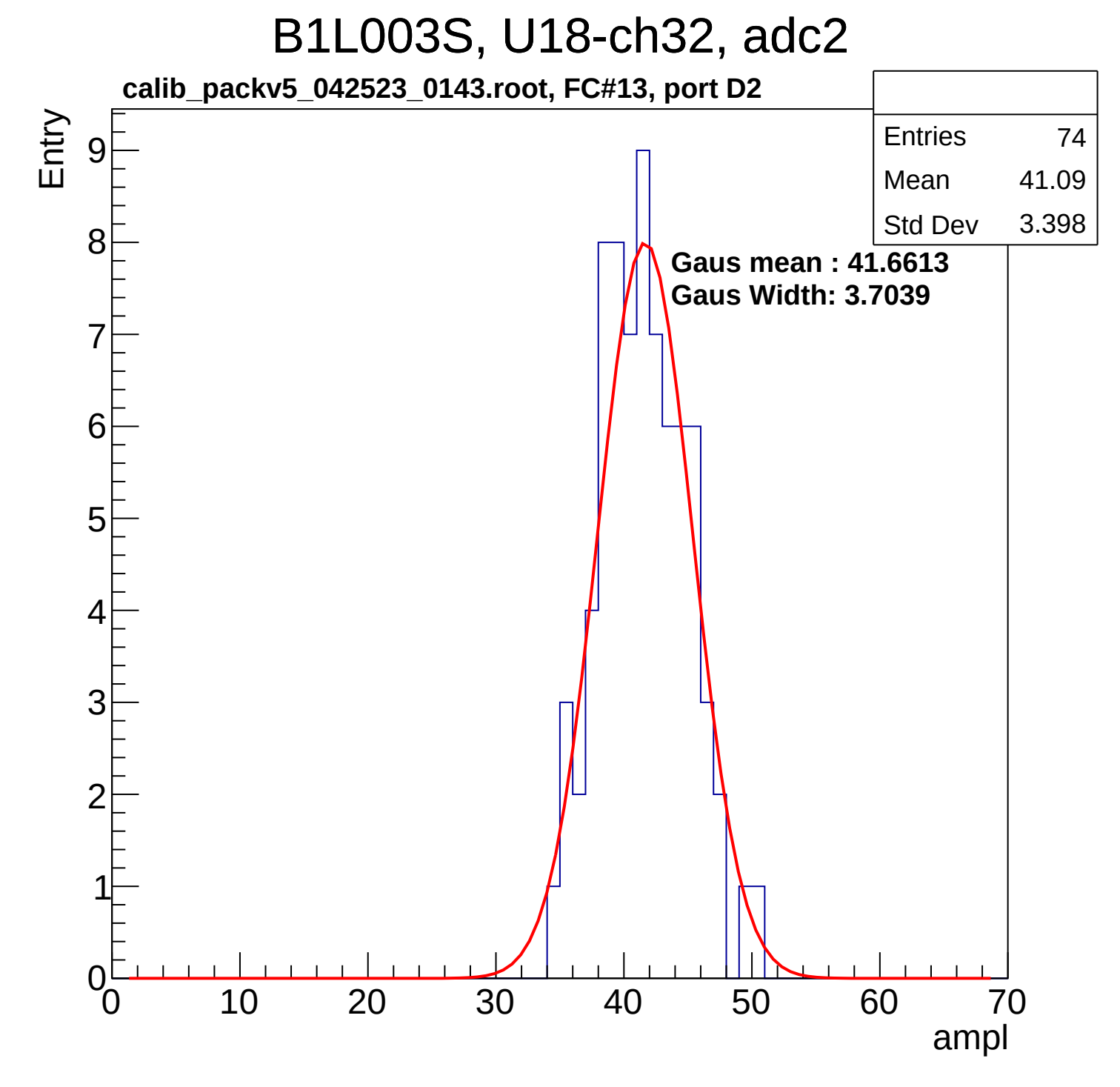

B1L003S, U18-ch31, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

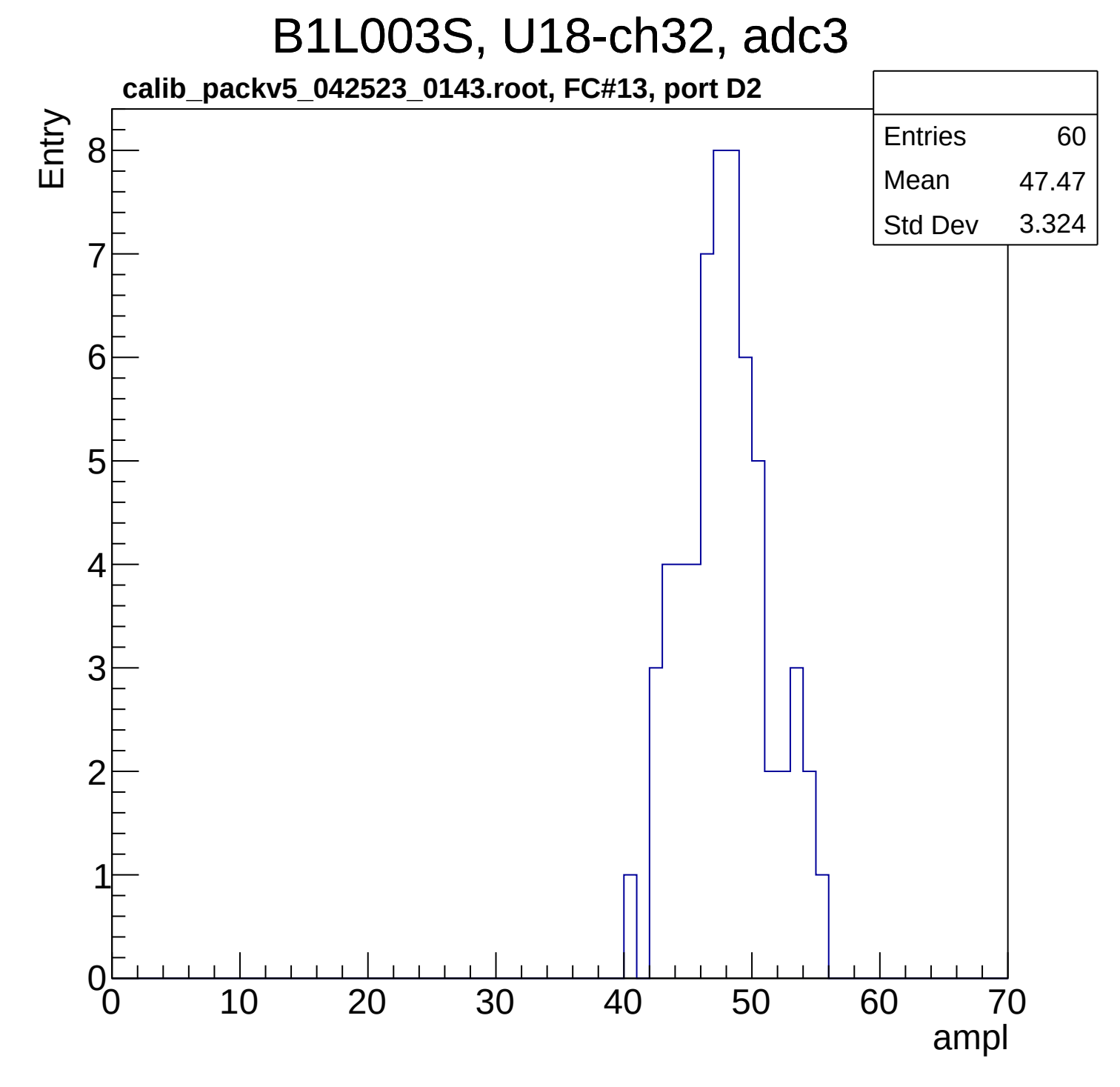

B1L003S, U18-ch31, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

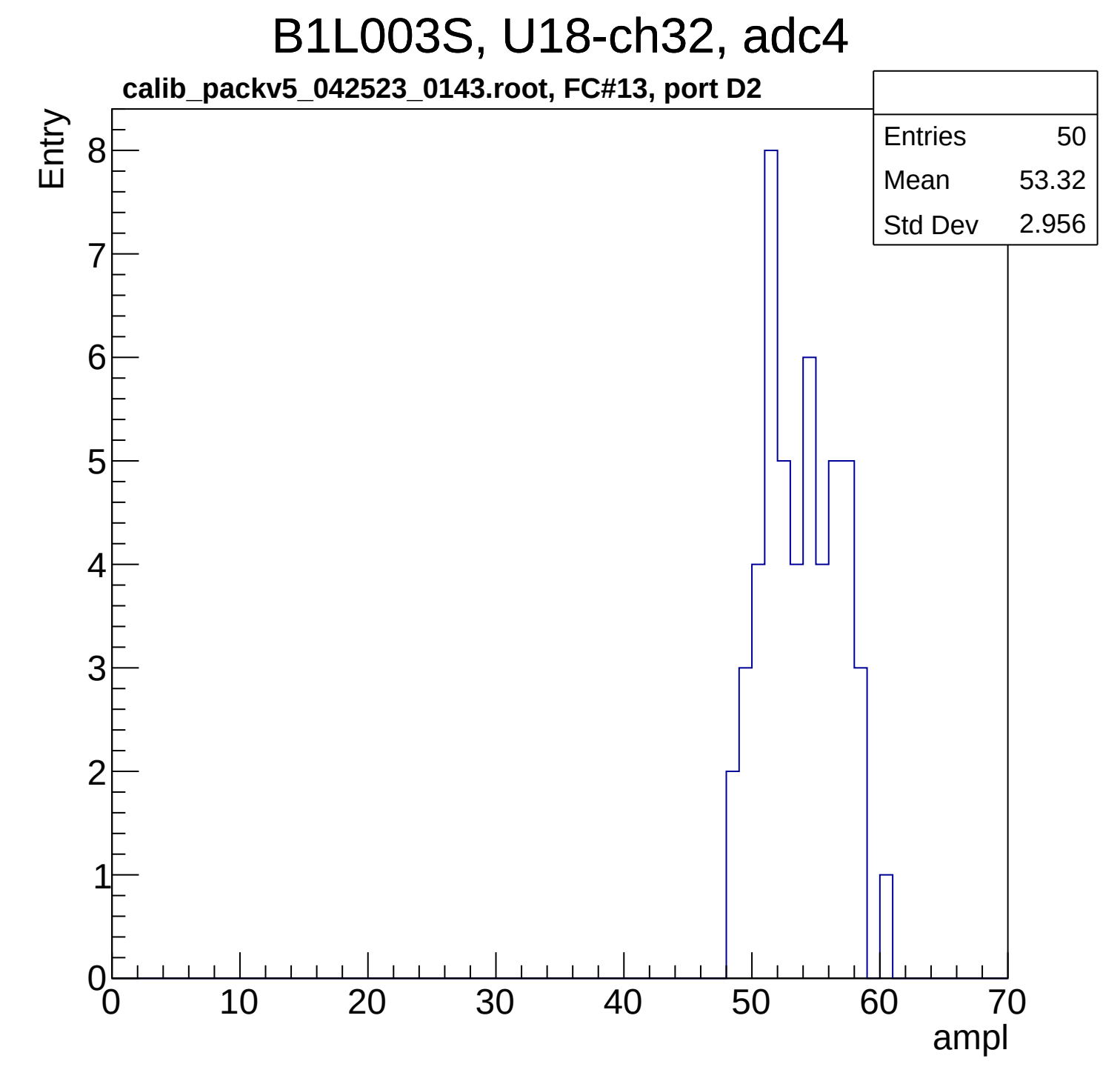

B1L003S, U18-ch31, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

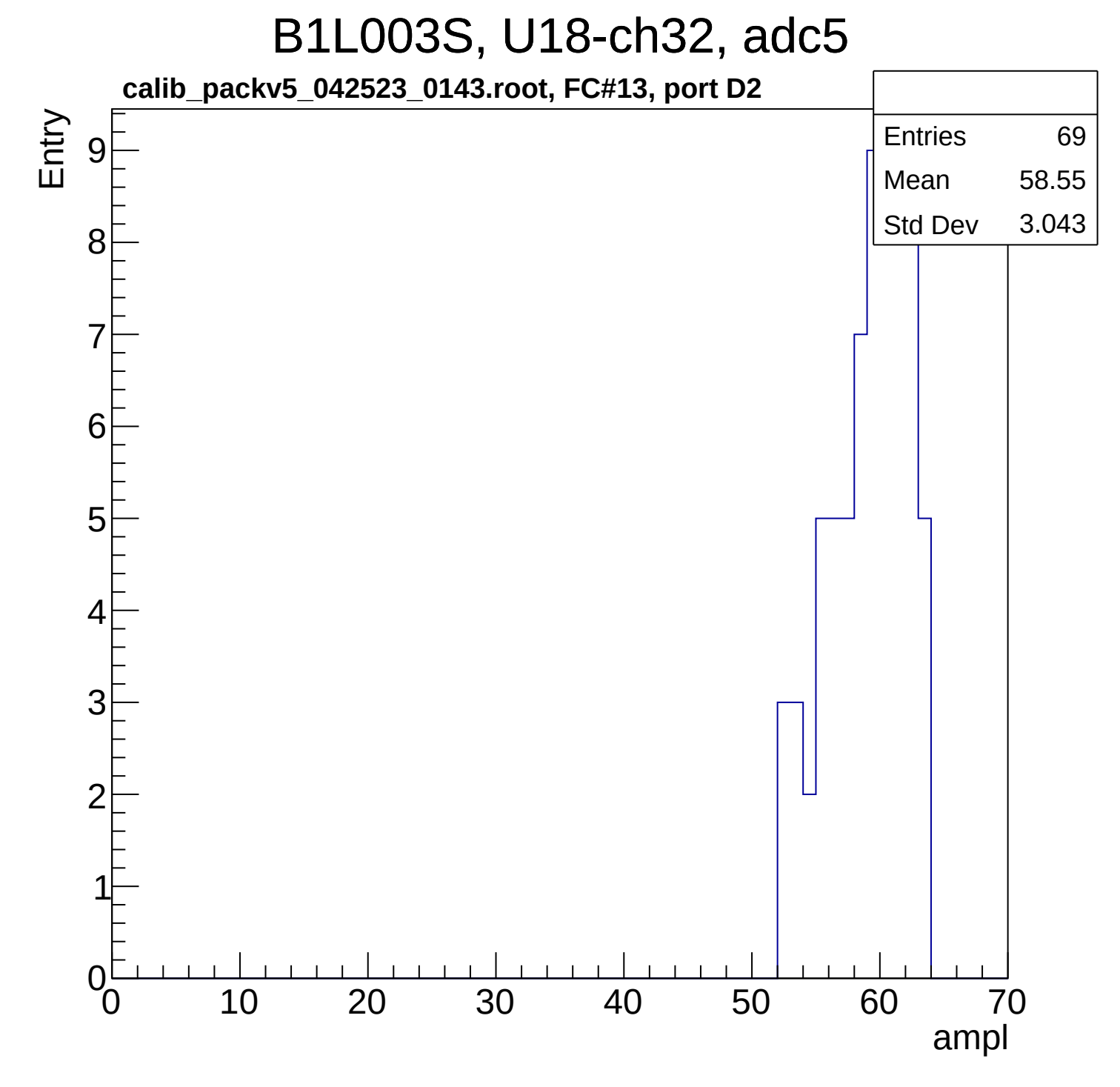

B1L003S, U18-ch32, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 28.6
Std Dev 3.541
Gaus mean : 28.5220
Gaus Width: 3.8627
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

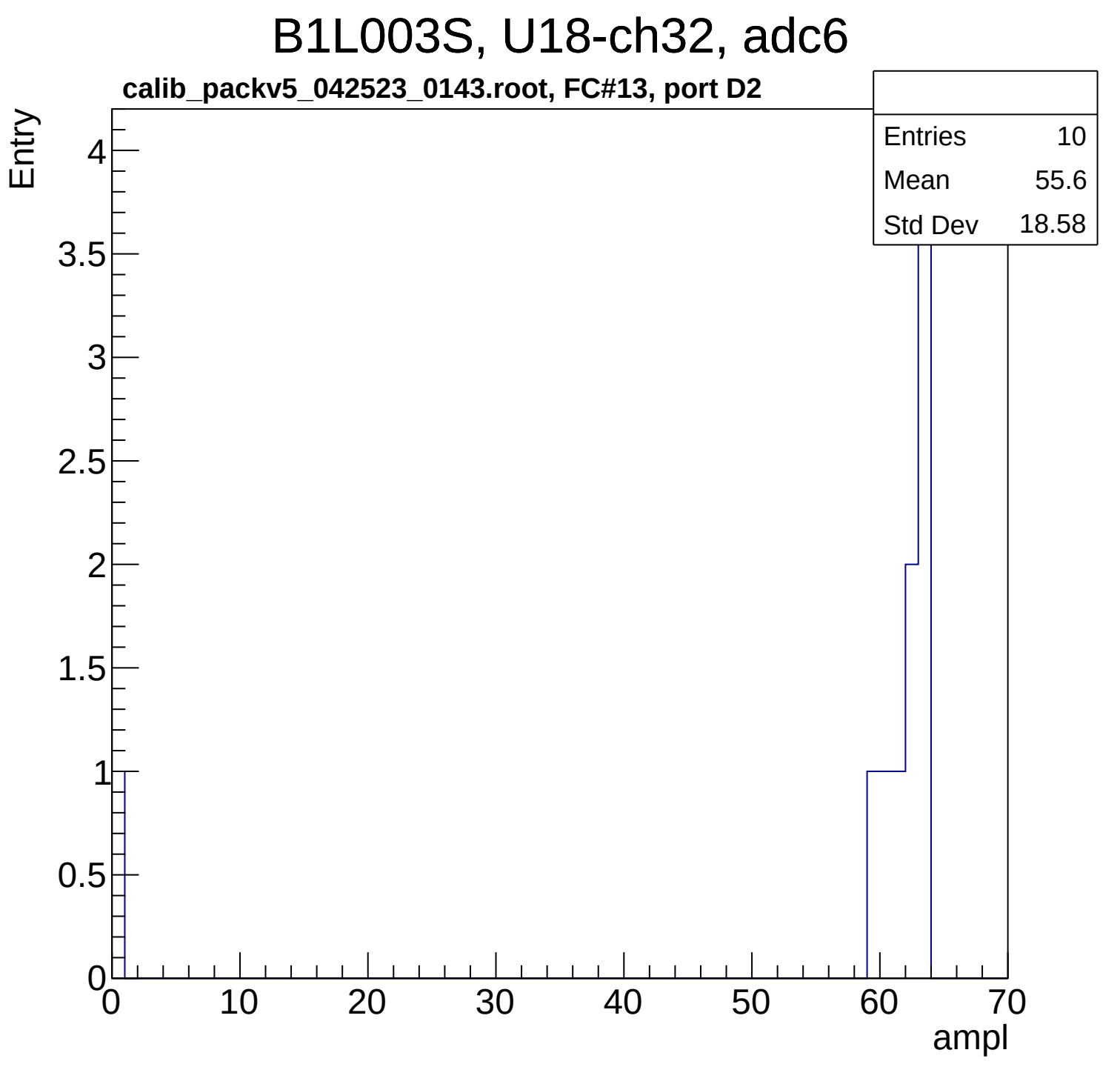

B1L003S, U18-ch32, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 33.82
Std Dev 3.407
Gaus mean : 34.4767
Gaus Width: 3.4477
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

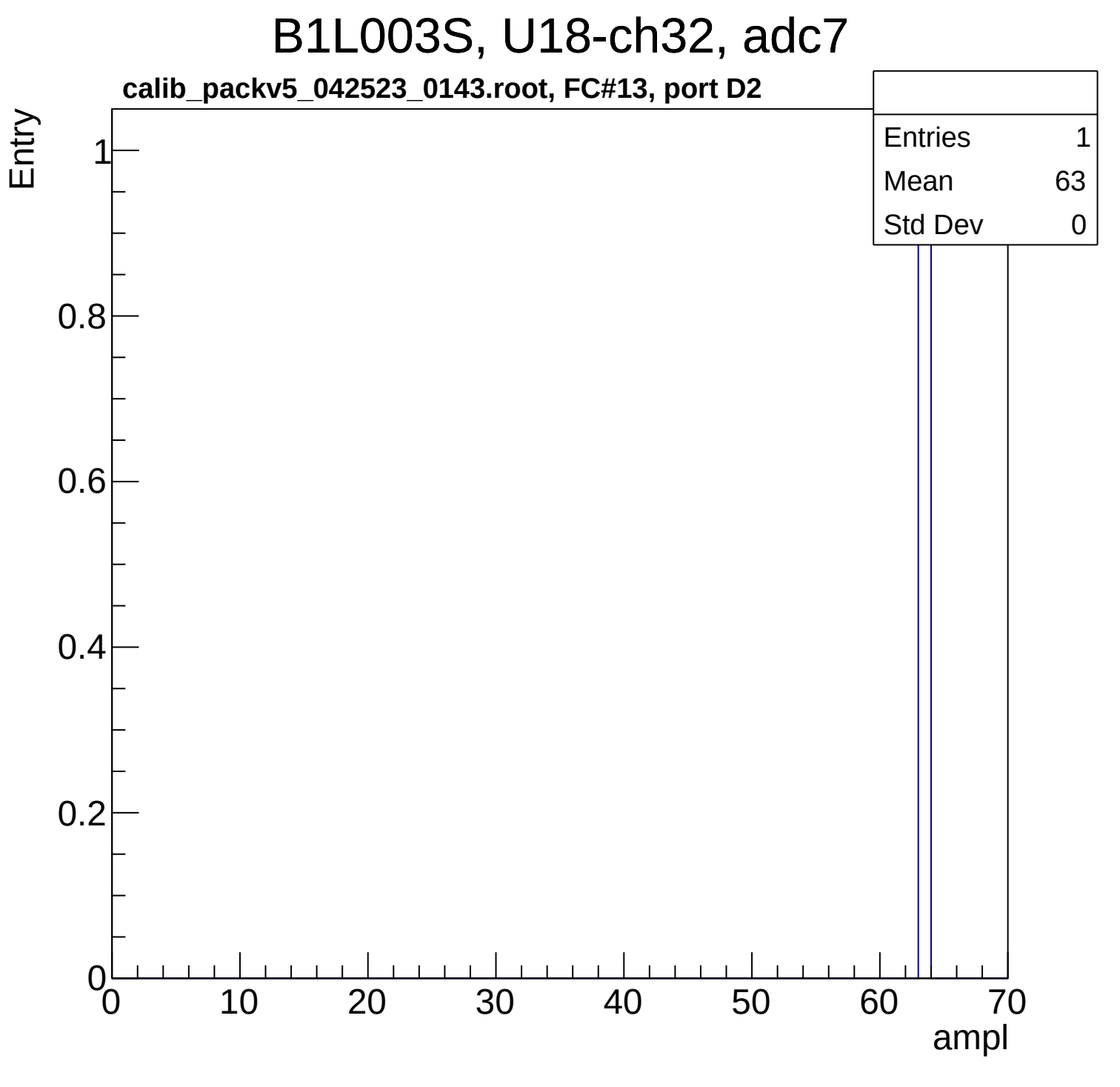

B1L003S, U18-ch32, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 41.09
Std Dev 3.398
Gaus mean : 41.6613
Gaus Width: 3.7039
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

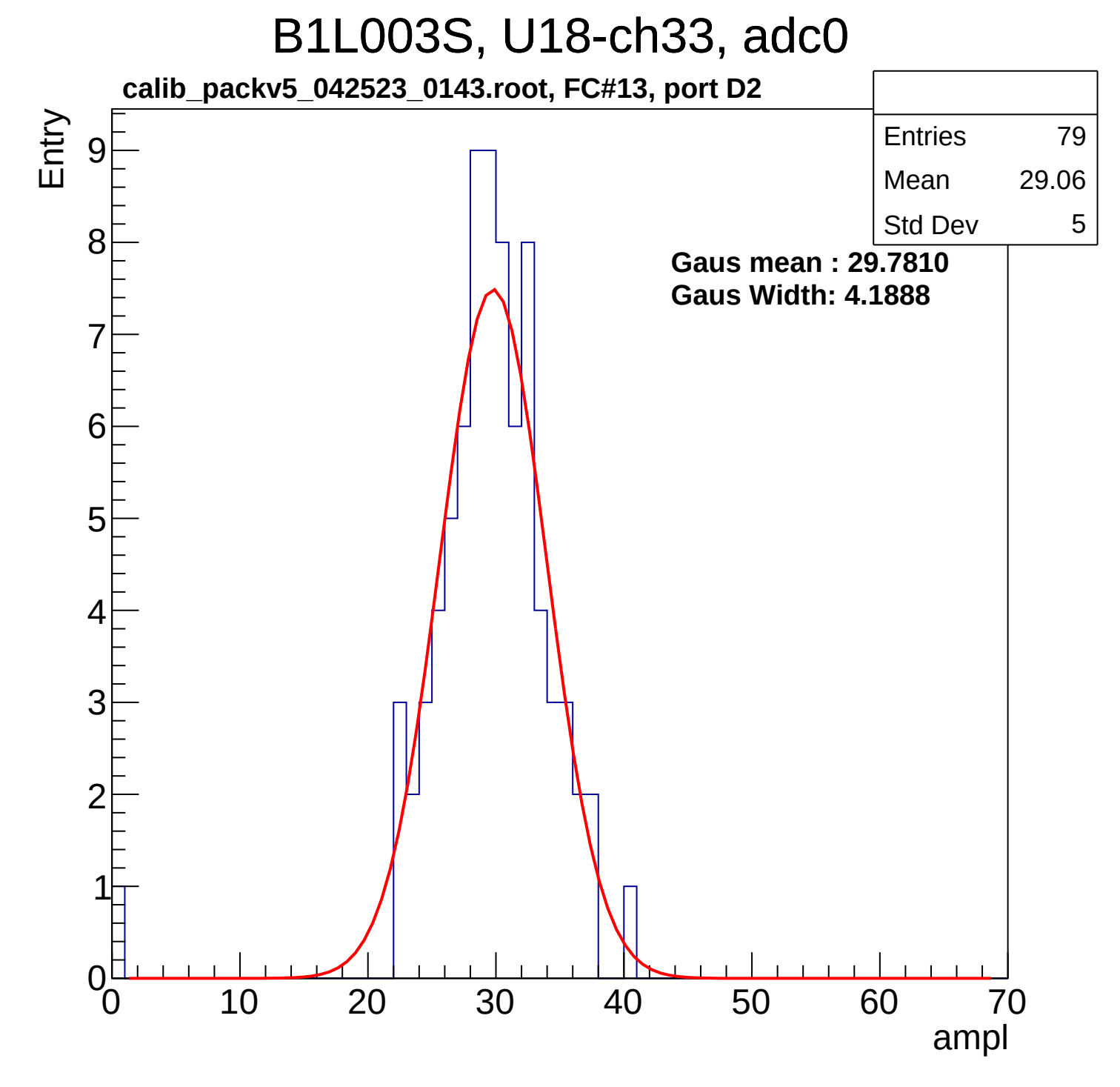

B1L003S, U18-ch32, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 47.47
Std Dev 3.324
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

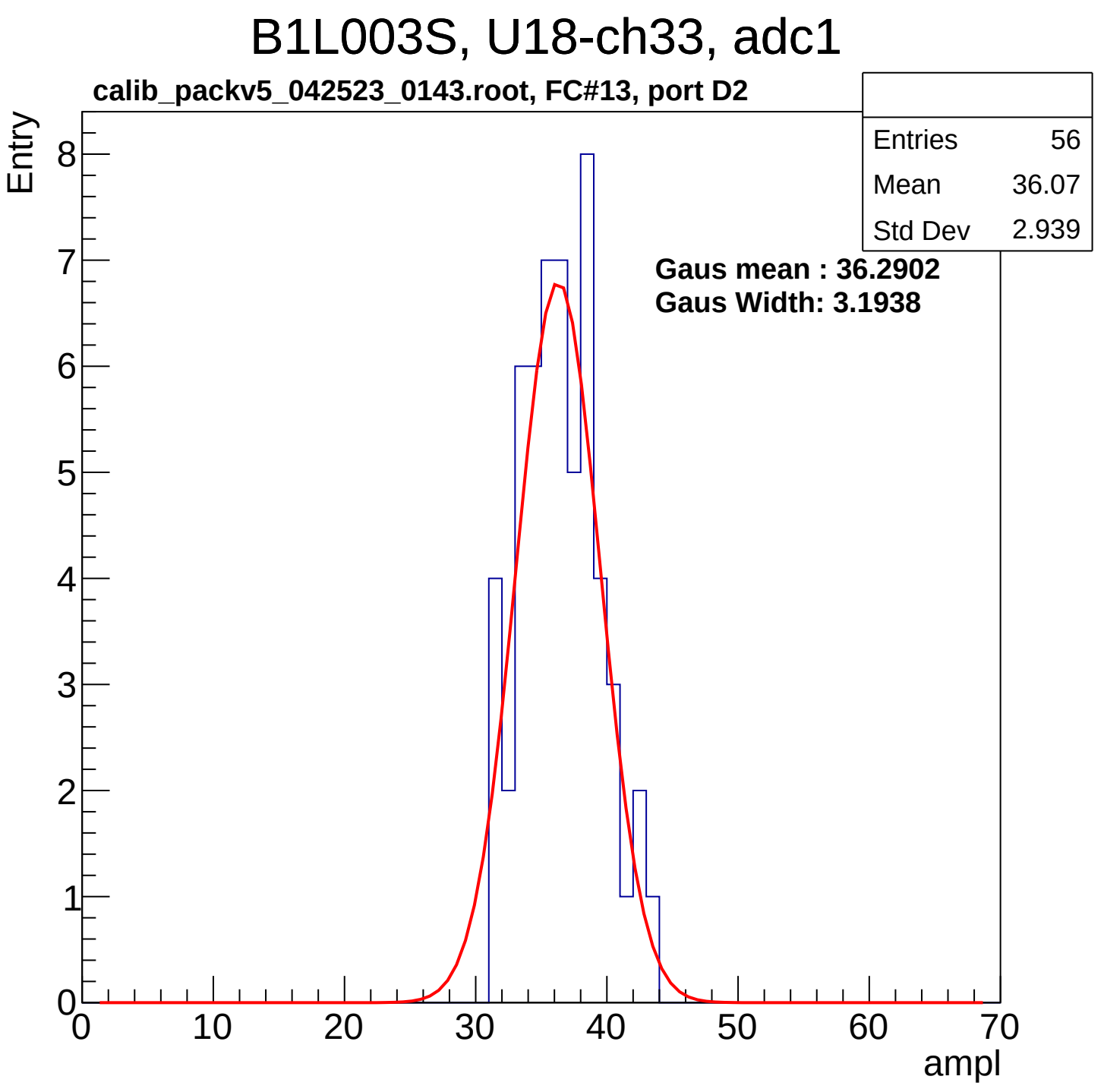

B1L003S, U18-ch32, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 53.32
Std Dev 2.956
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

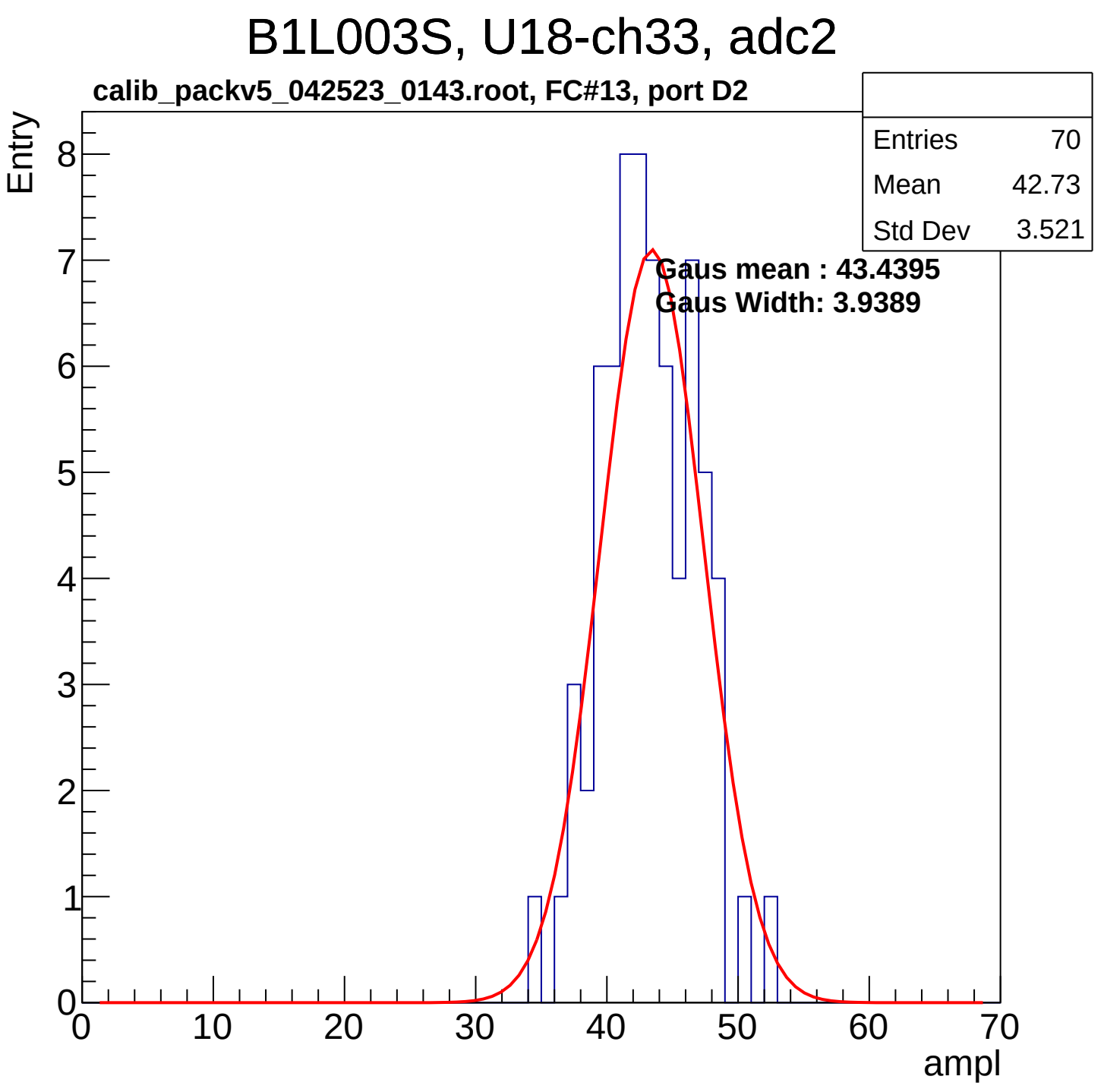

B1L003S, U18-ch32, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 58.55
Std Dev 3.043
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

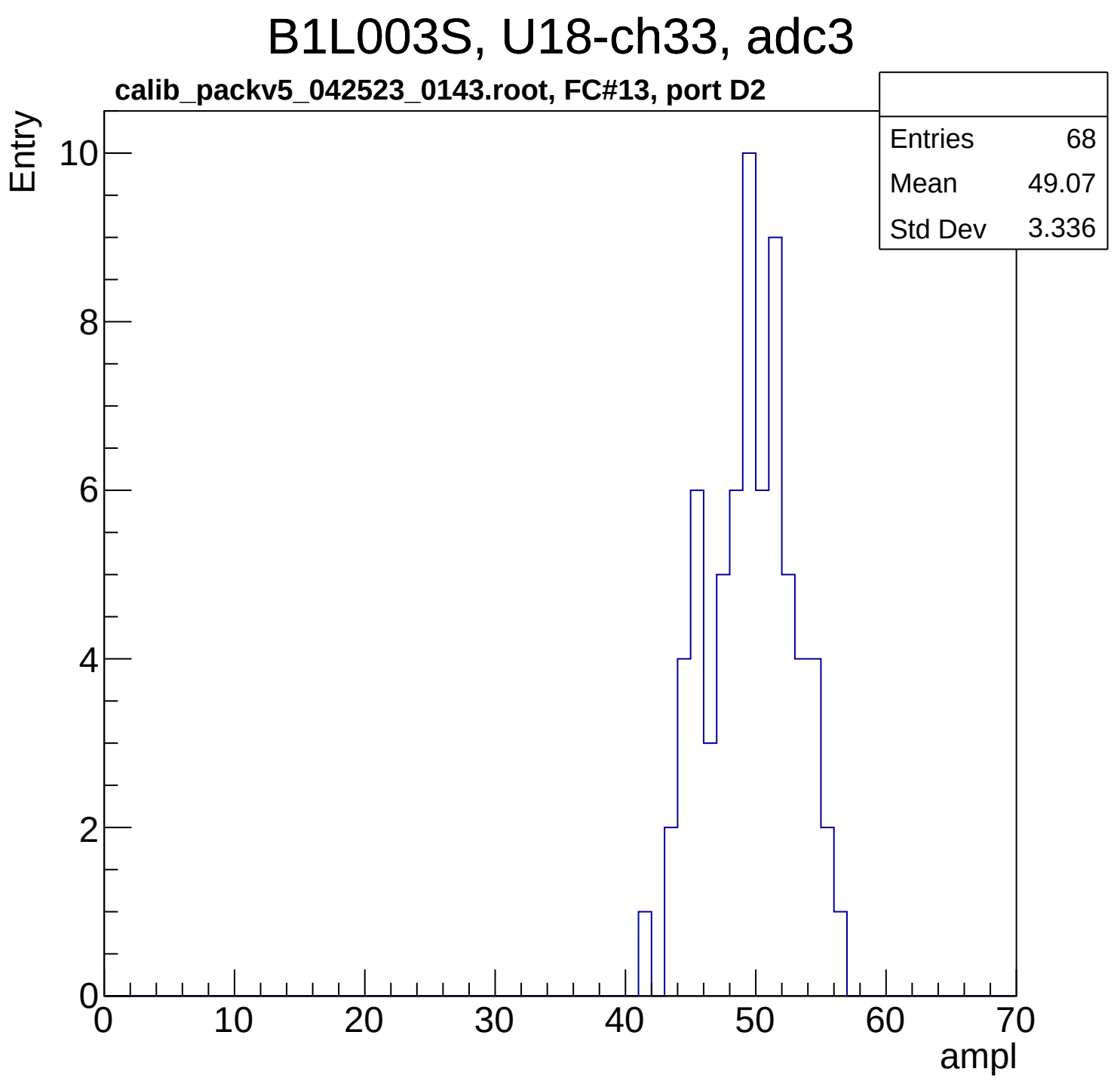

B1L003S, U18-ch32, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 55.6
Std Dev 18.58
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

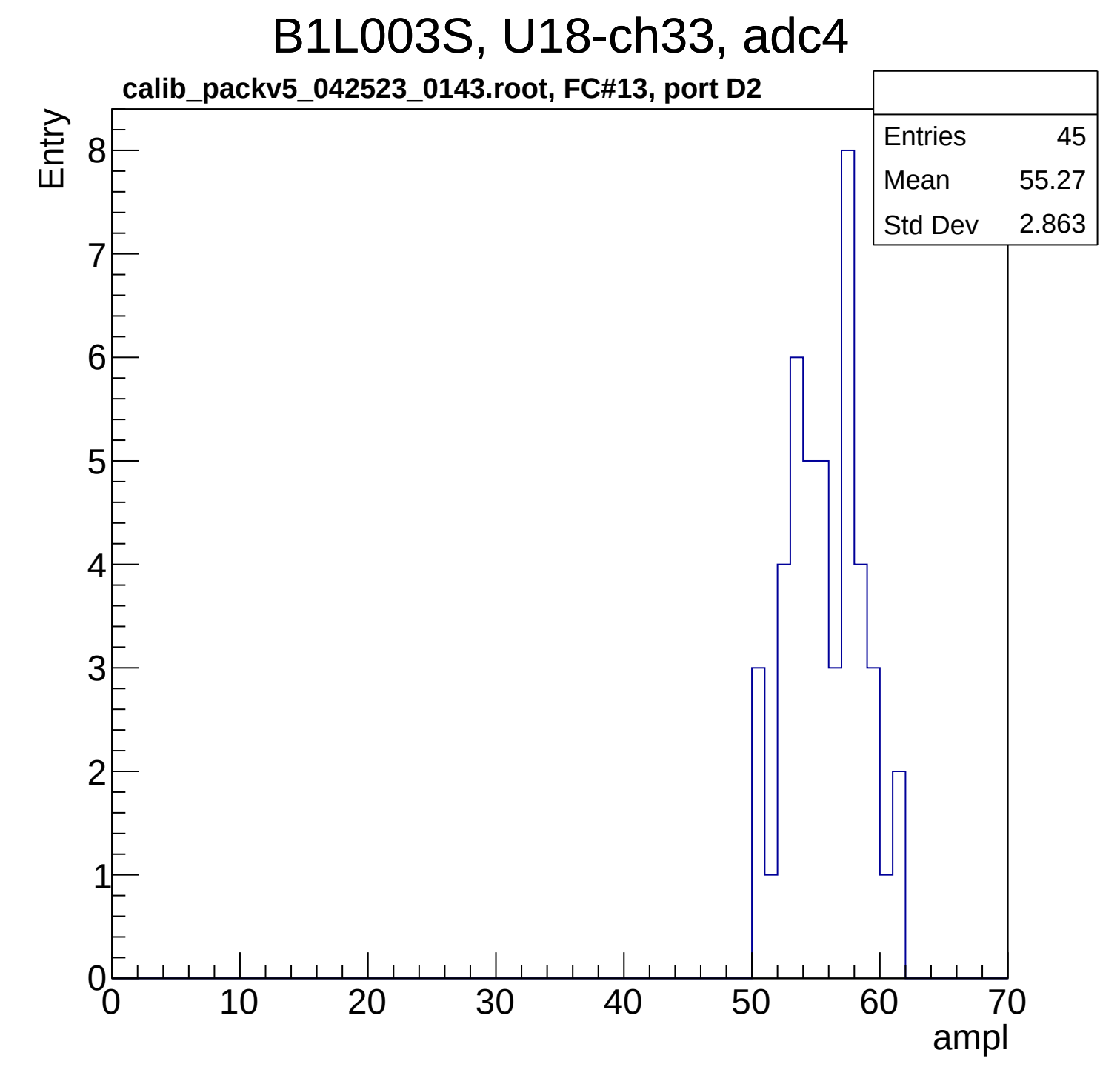

B1L003S, U18-ch32, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

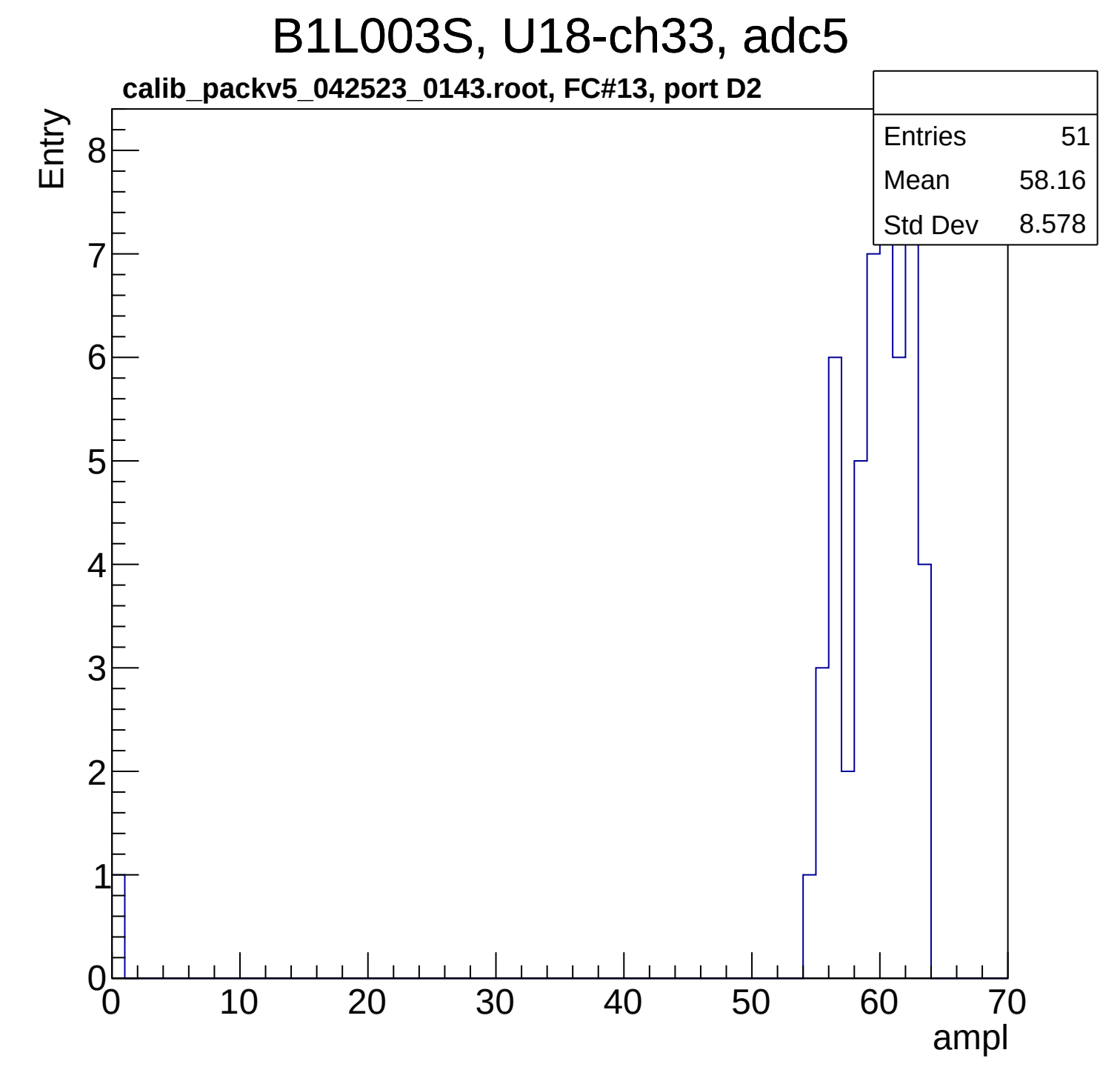

B1L003S, U18-ch33, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 29.06
Std Dev 5
Gaus mean : 29.7810
Gaus Width: 4.1888
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

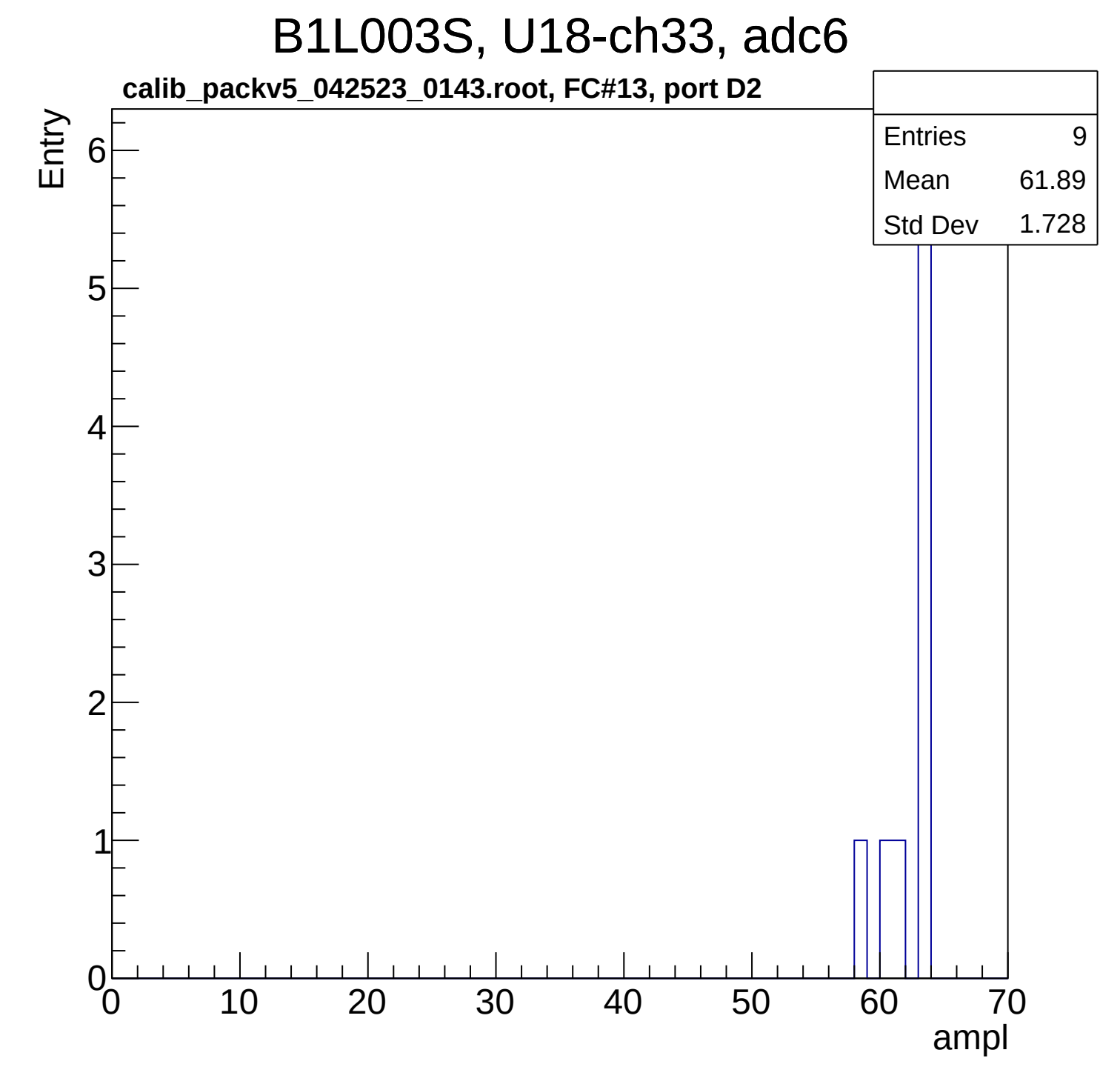

B1L003S, U18-ch33, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 36.07
Std Dev 2.939
Gaus mean : 36.2902
Gaus Width: 3.1938
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

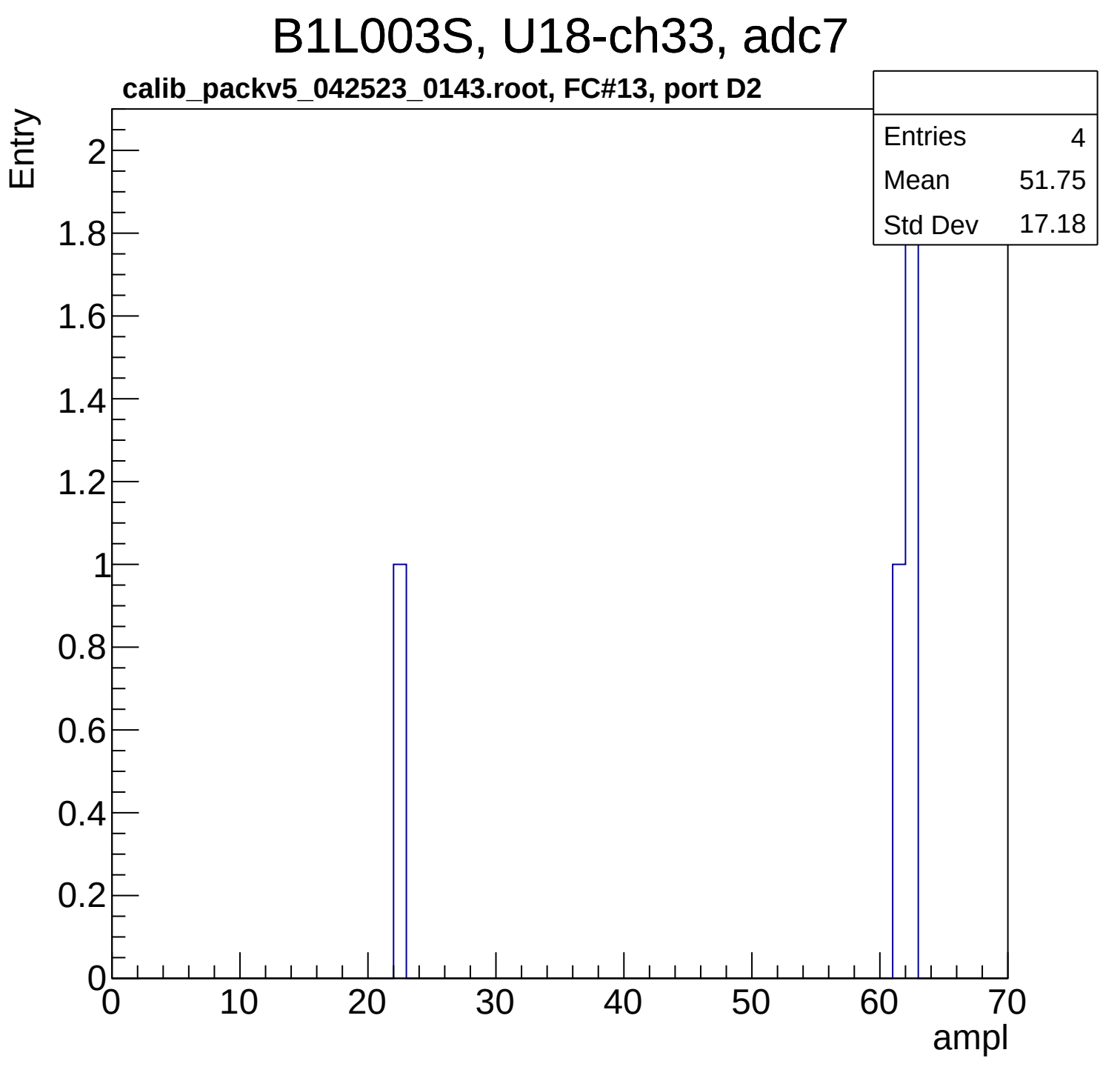

B1L003S, U18-ch33, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 42.73
Std Dev 3.521
Gaus mean : 43.4395
Gaus Width: 3.9389
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

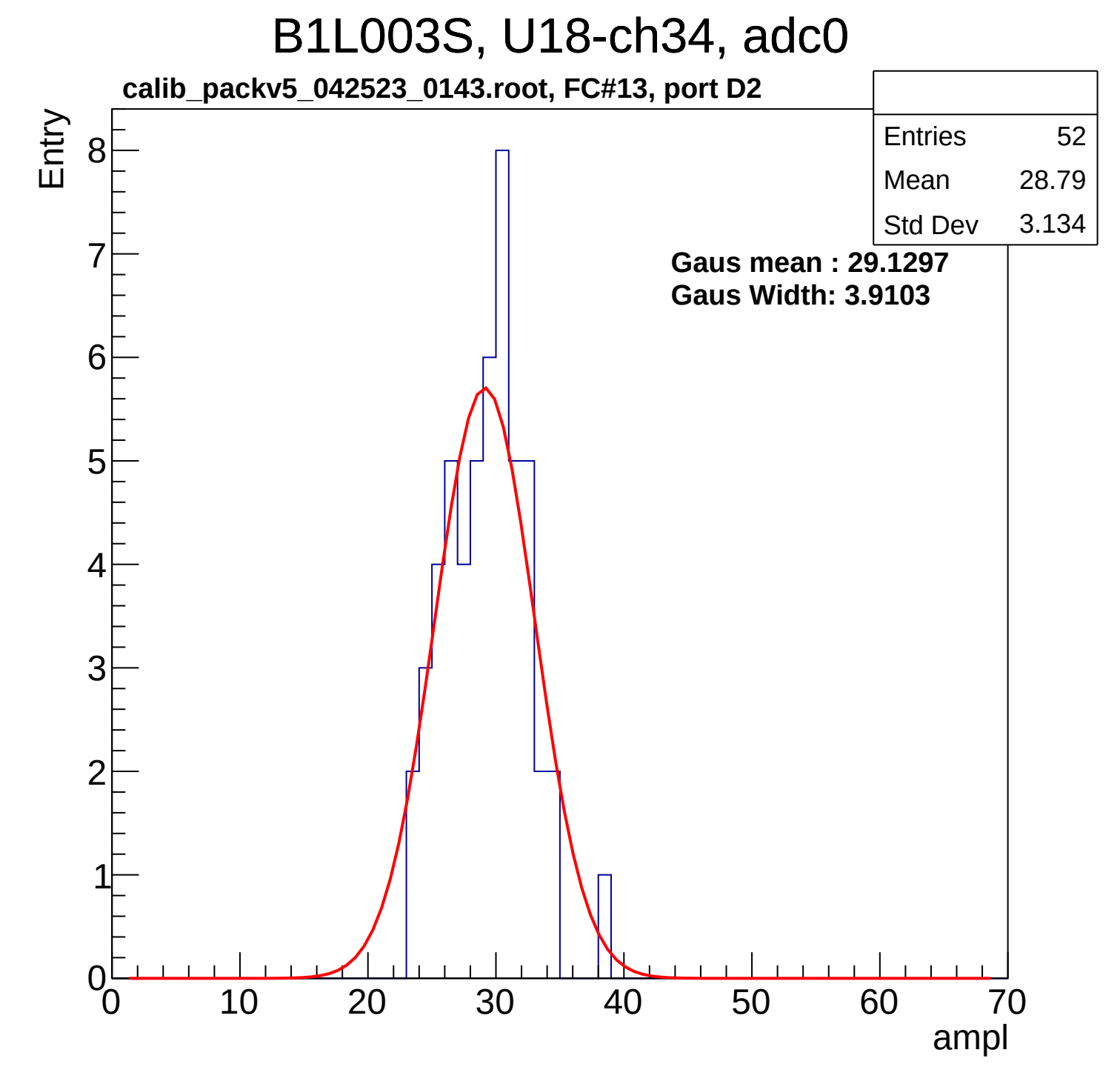

B1L003S, U18-ch33, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 49.07
Std Dev 3.336
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

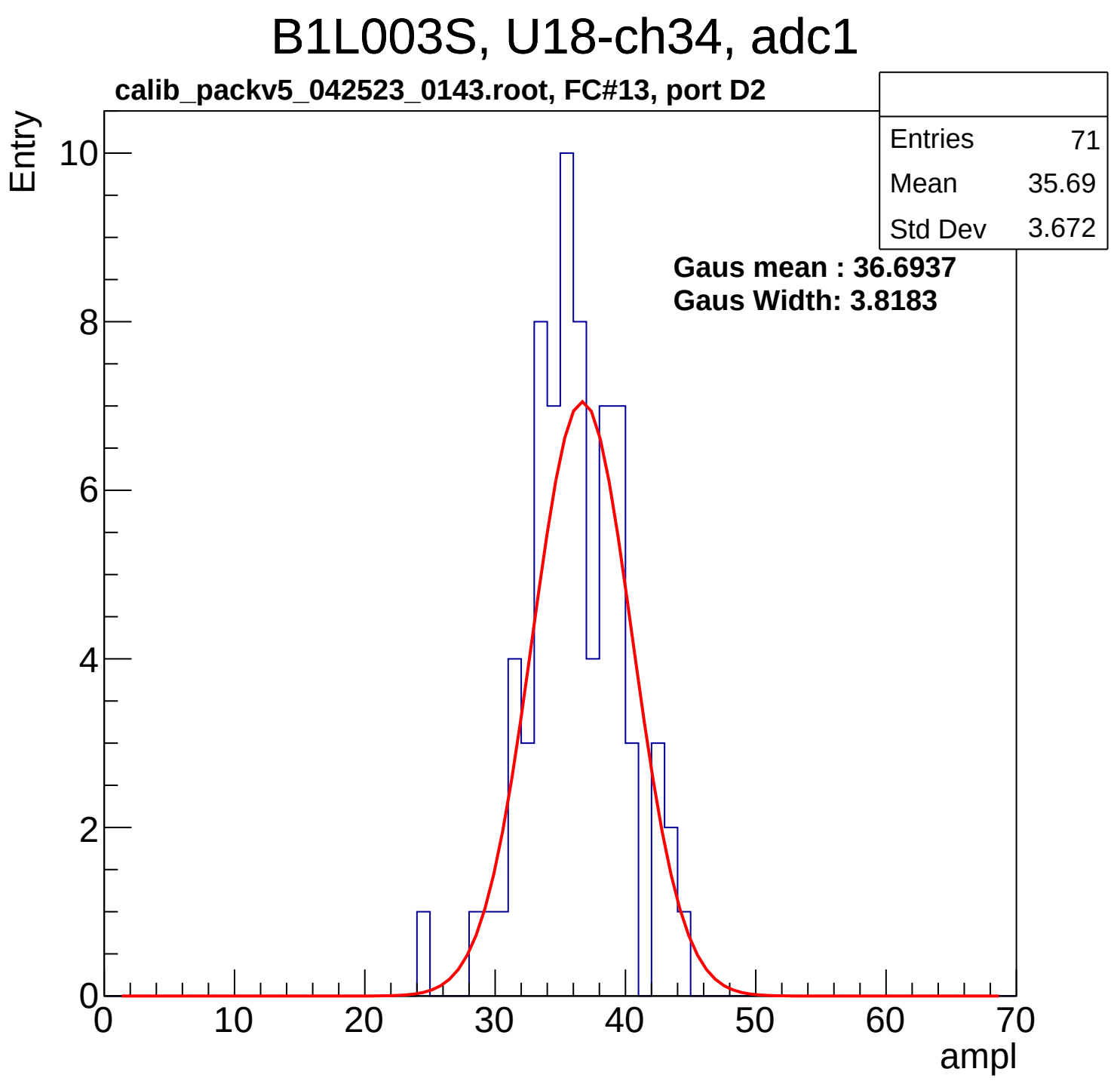

B1L003S, U18-ch33, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 55.27
Std Dev 2.863
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

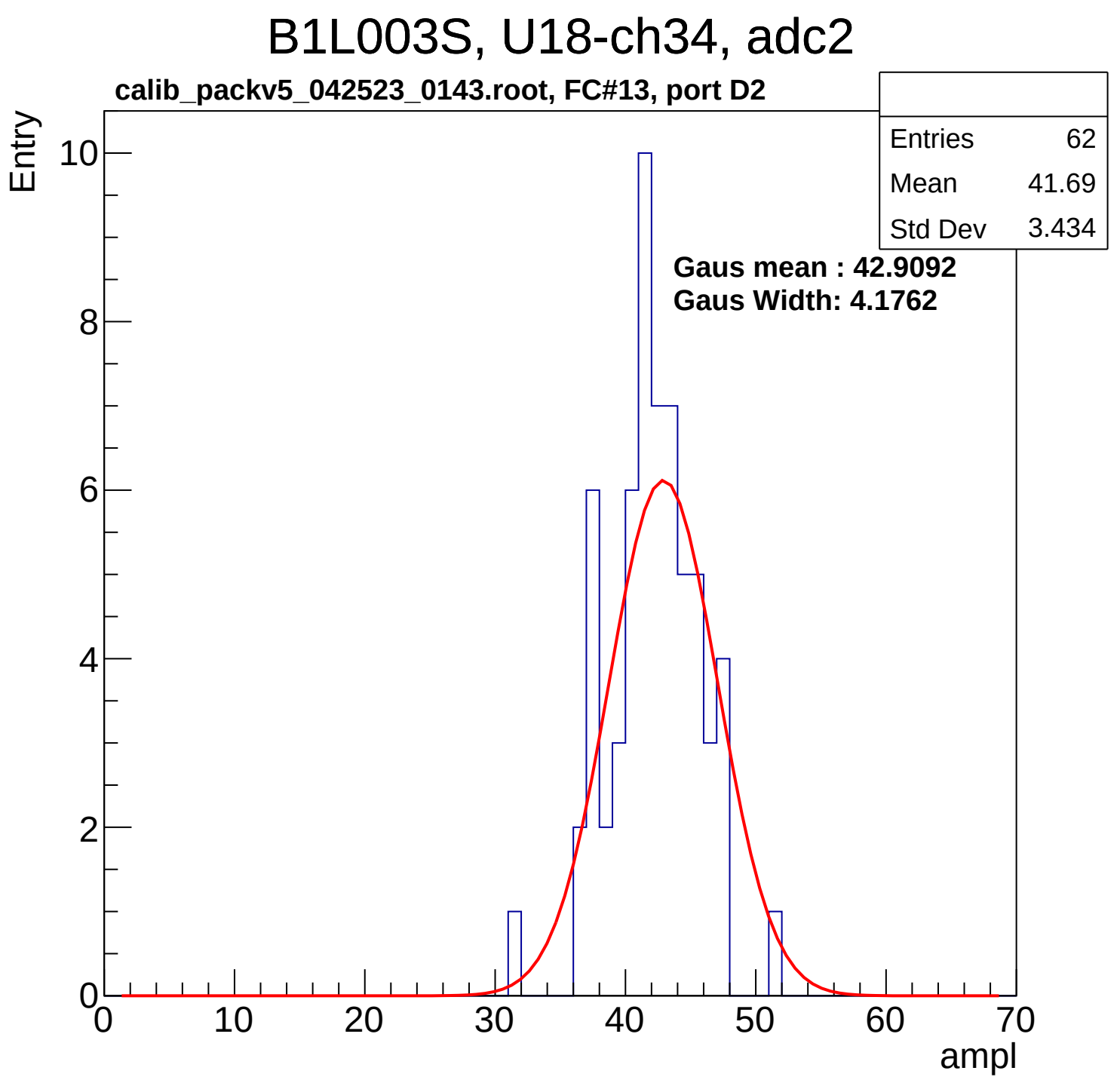

B1L003S, U18-ch33, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 58.16
Std Dev 8.578
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

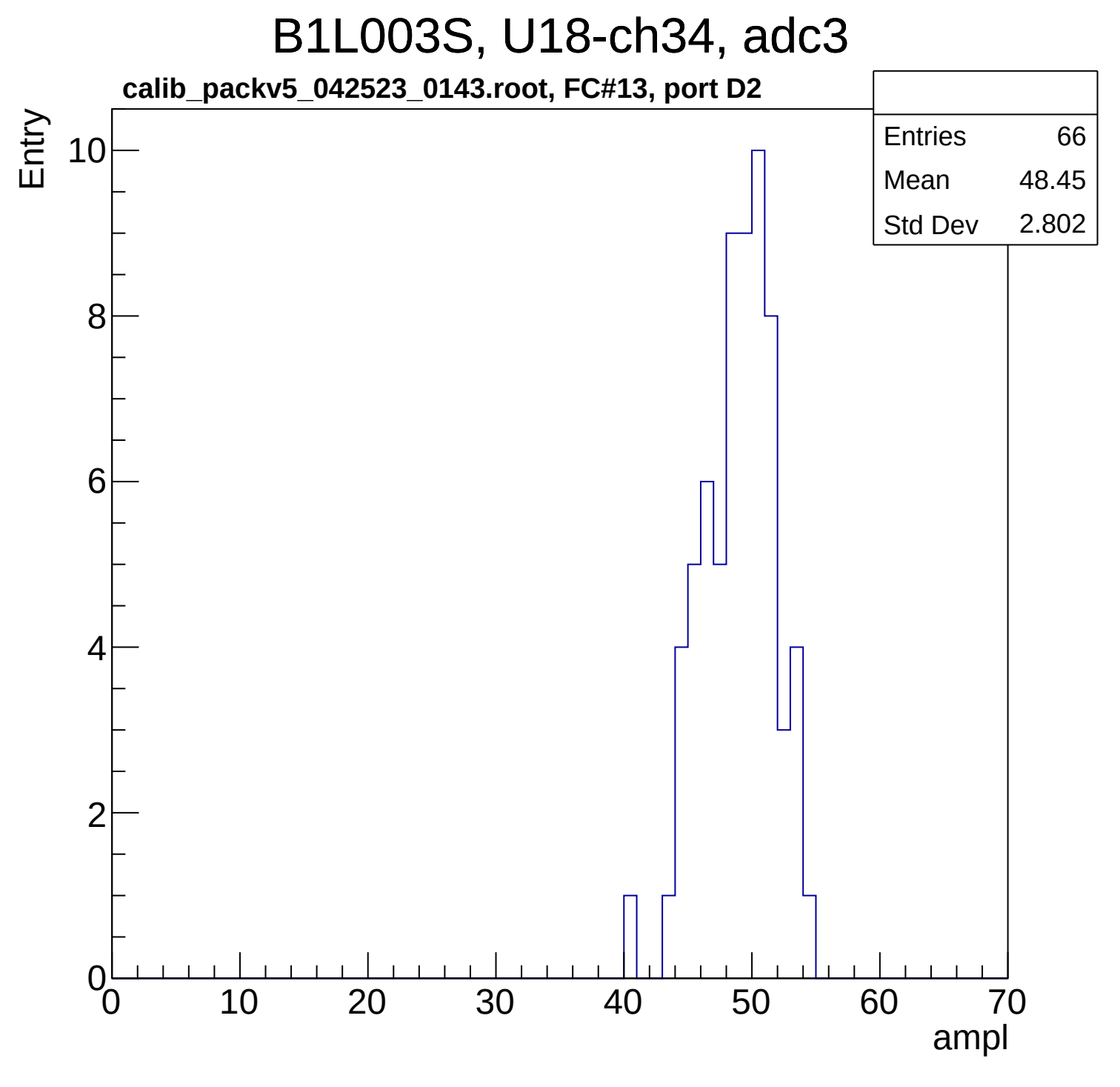

B1L003S, U18-ch33, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.89
Std Dev 1.728
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

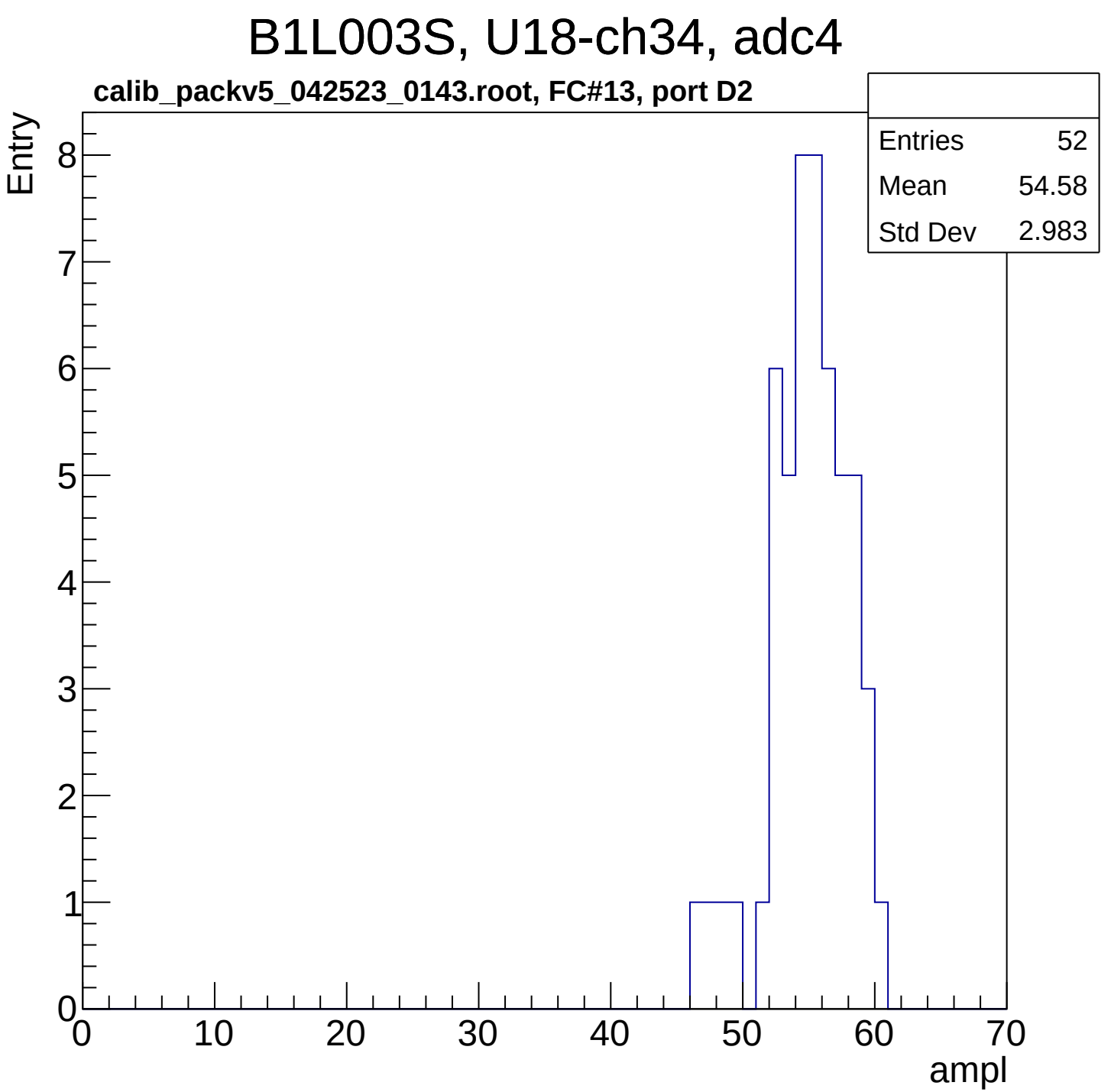

B1L003S, U18-ch33, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 51.75
Std Dev 17.18
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

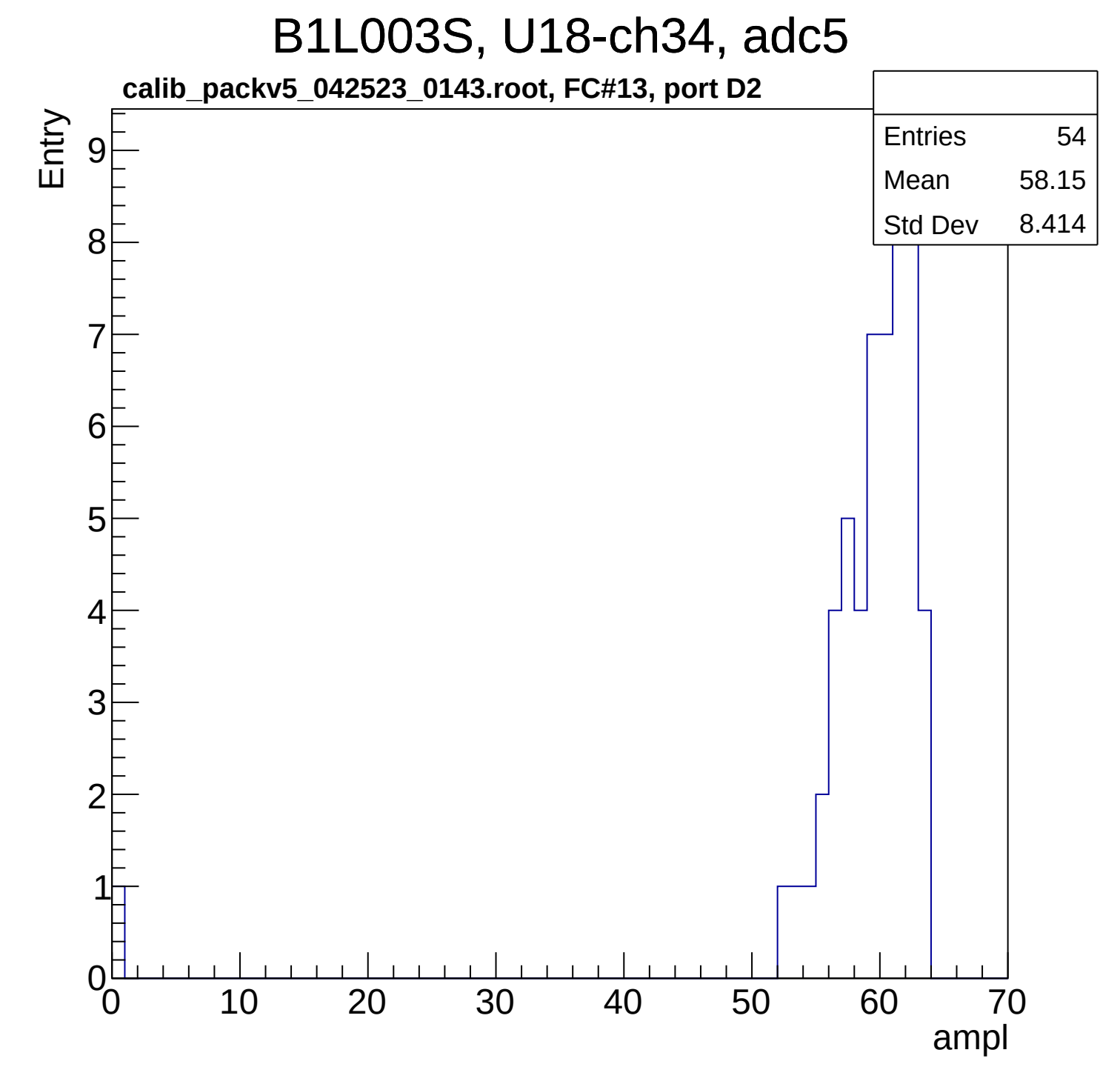

B1L003S, U18-ch34, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 28.79
Std Dev 3.134
Gaus mean : 29.1297
Gaus Width: 3.9103
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

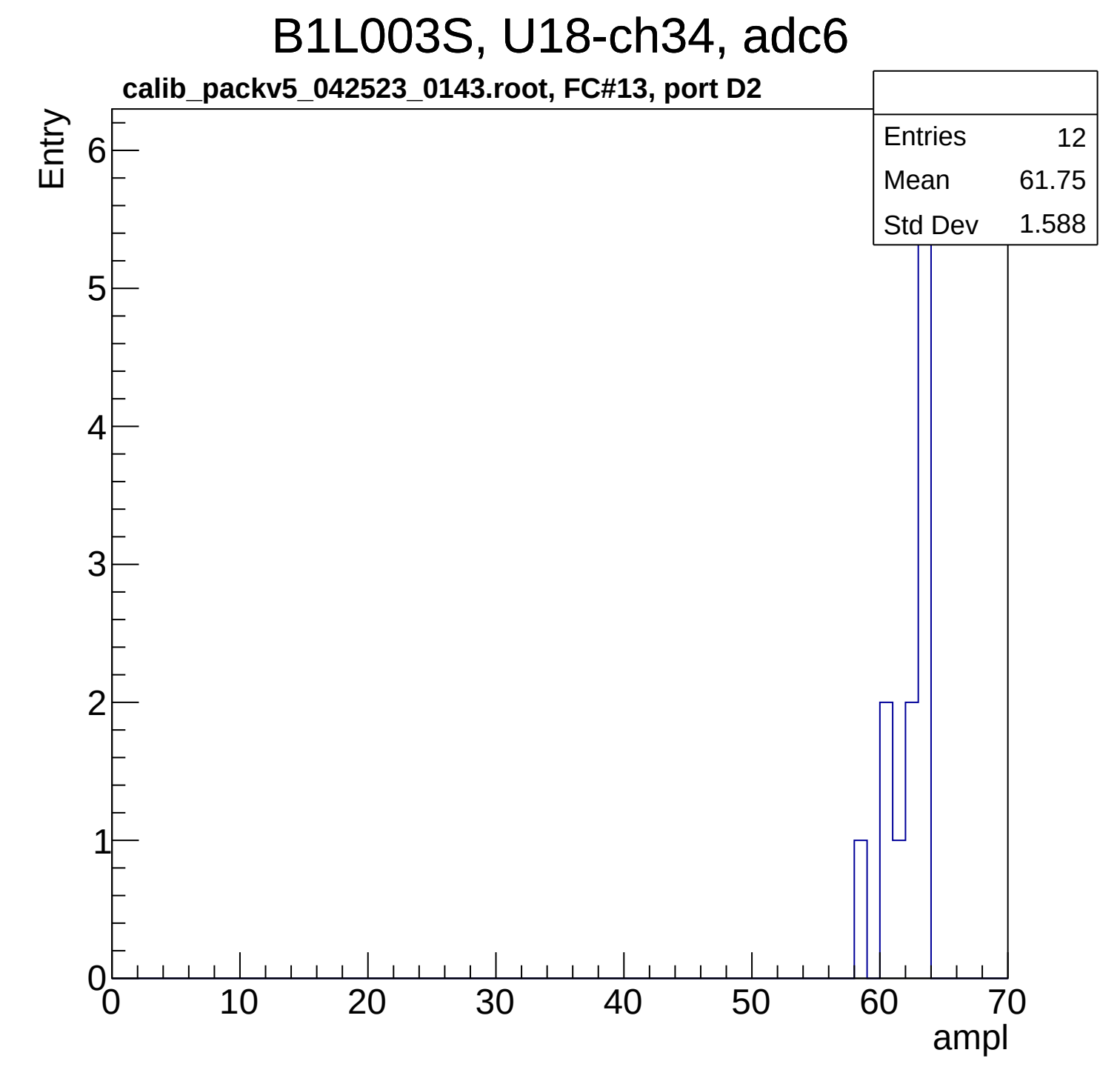

B1L003S, U18-ch34, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 35.69
Std Dev 3.672
Gaus mean : 36.6937
Gaus Width: 3.8183
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

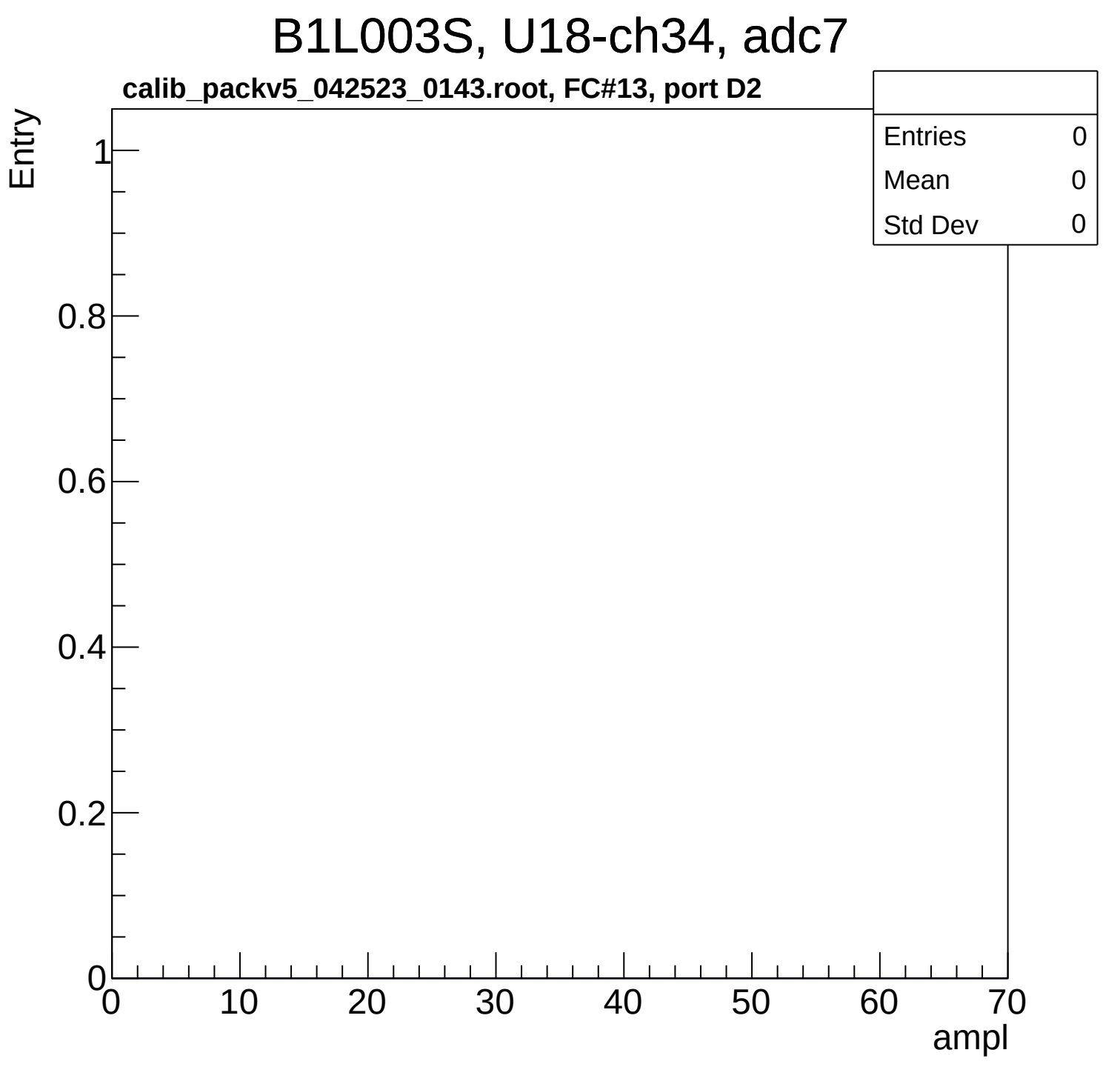

B1L003S, U18-ch34, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 41.69
Std Dev 3.434
Gaus mean : 42.9092
Gaus Width: 4.1762
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

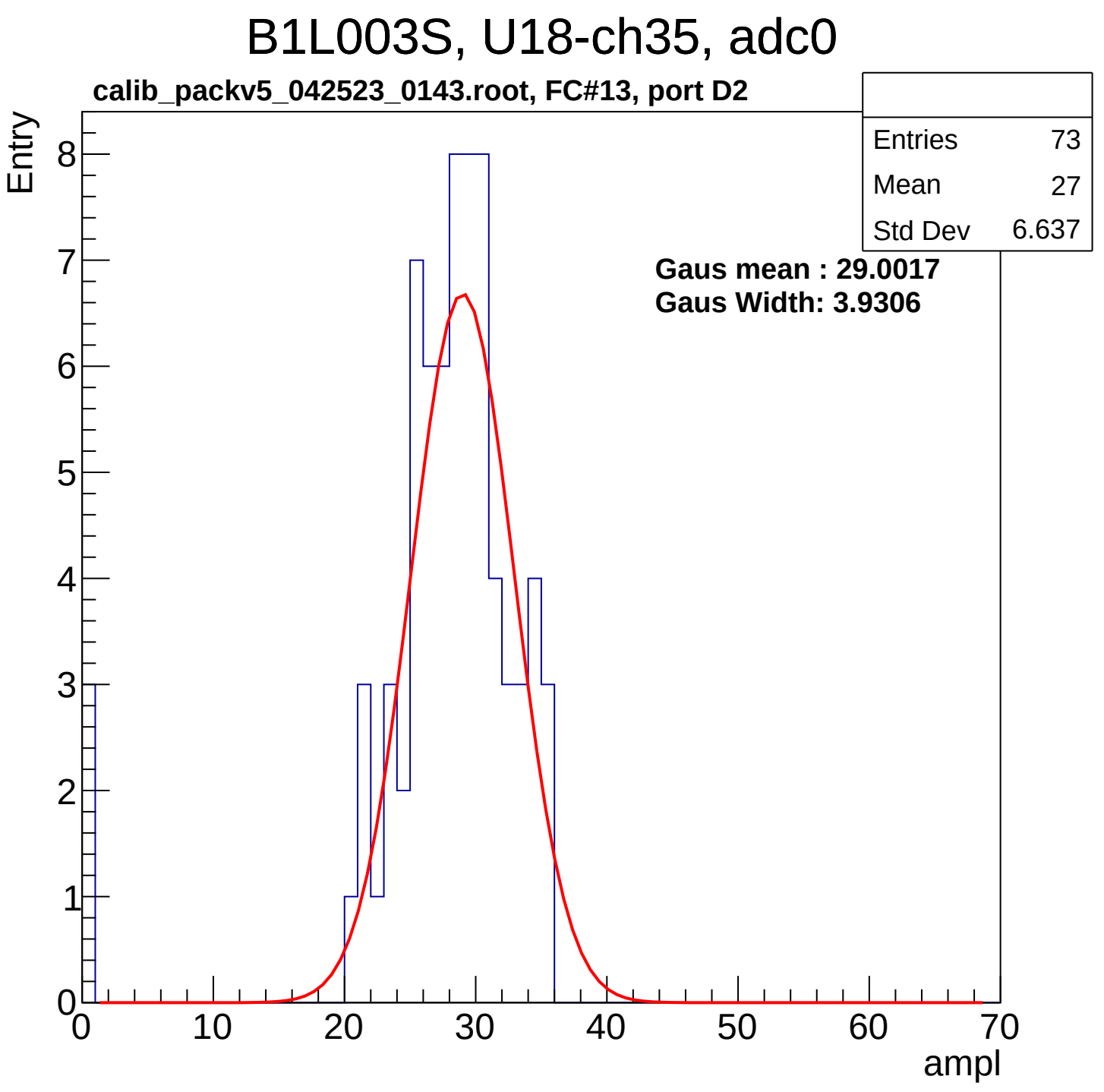

B1L003S, U18-ch34, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 48.45
Std Dev 2.802
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

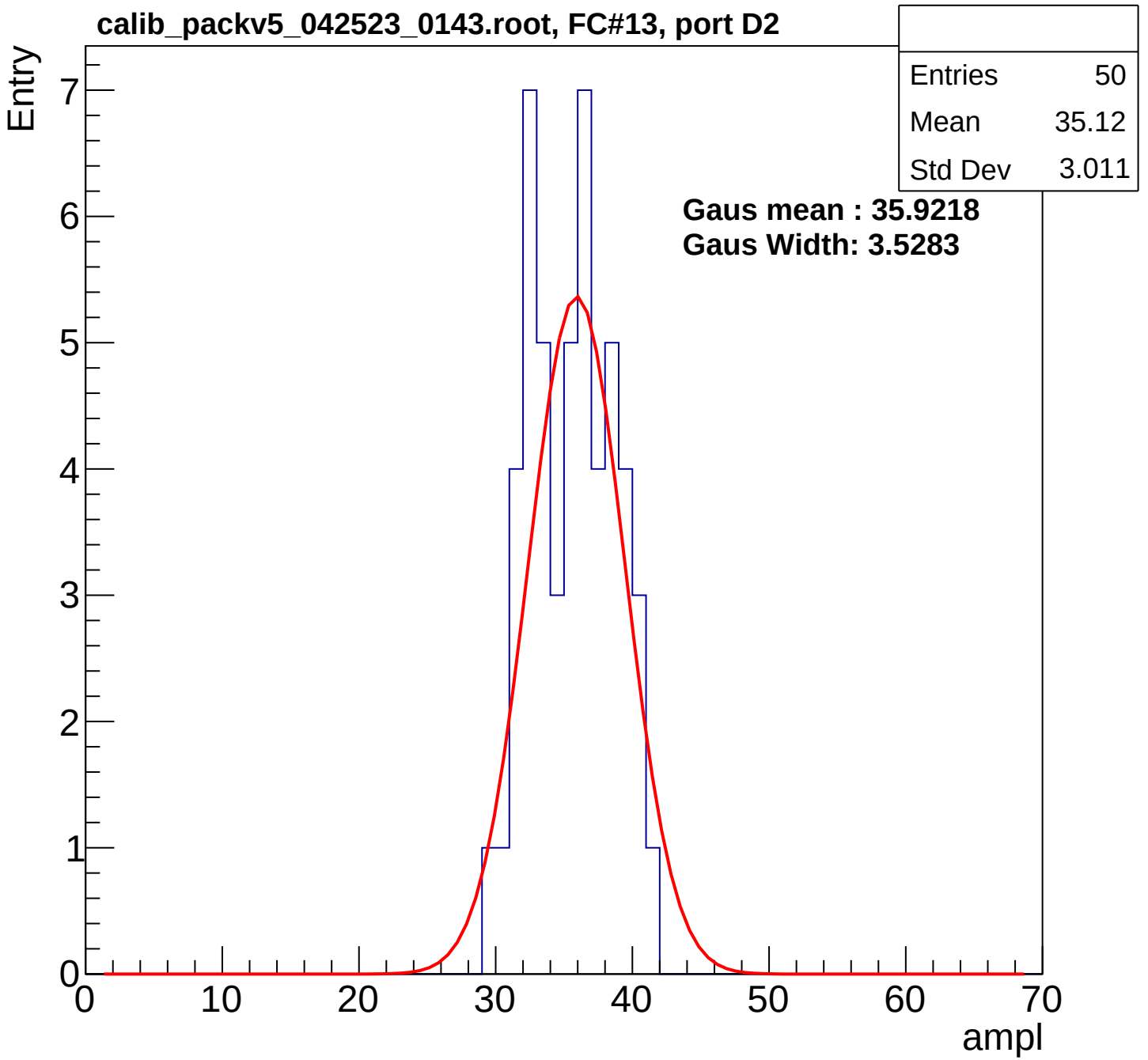

B1L003S, U18-ch34, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 54.58
Std Dev 2.983
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

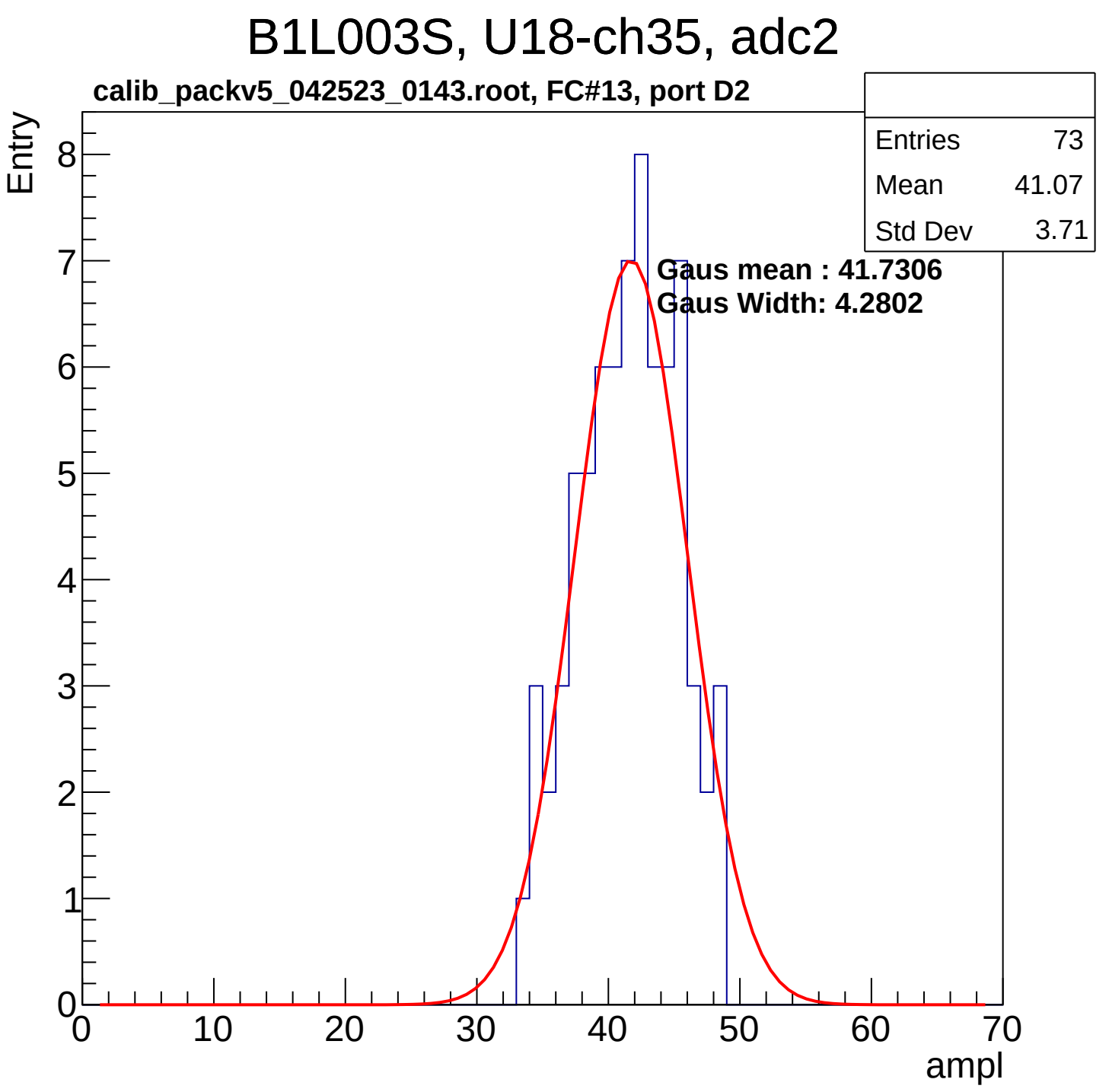

B1L003S, U18-ch34, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.15
Std Dev 8.414
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

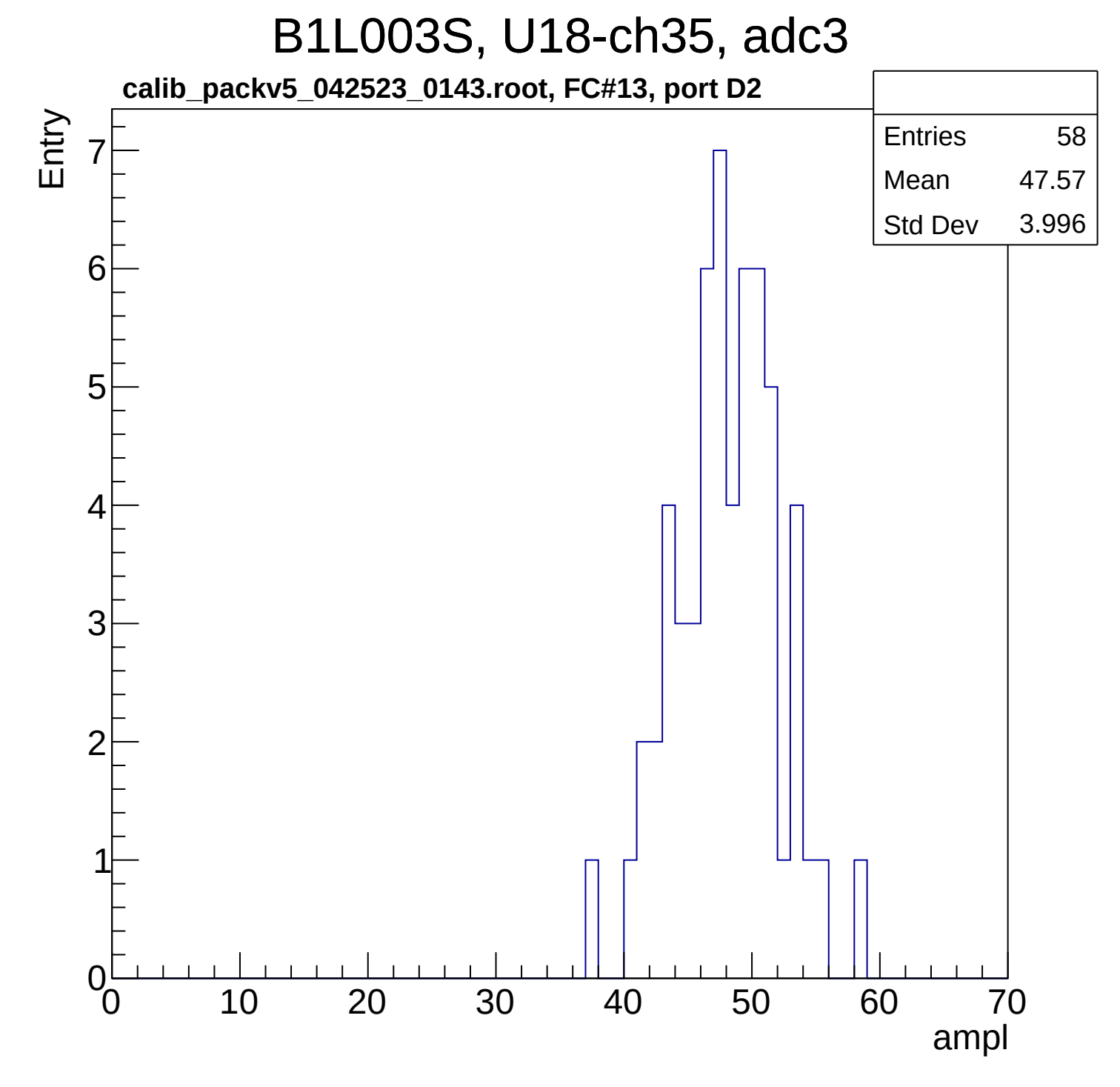

B1L003S, U18-ch34, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 61.75
Std Dev 1.588
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

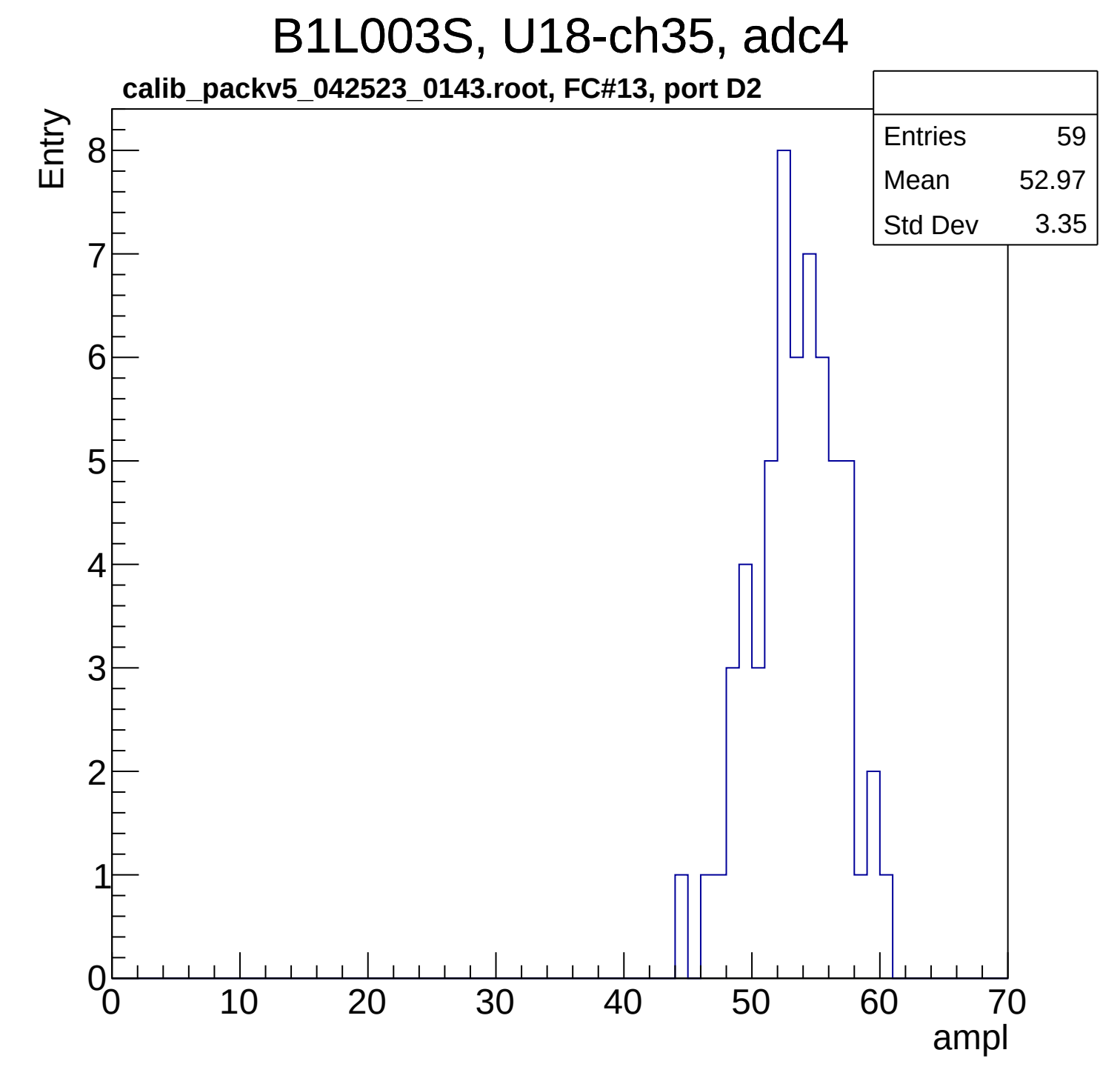

B1L003S, U18-ch34, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

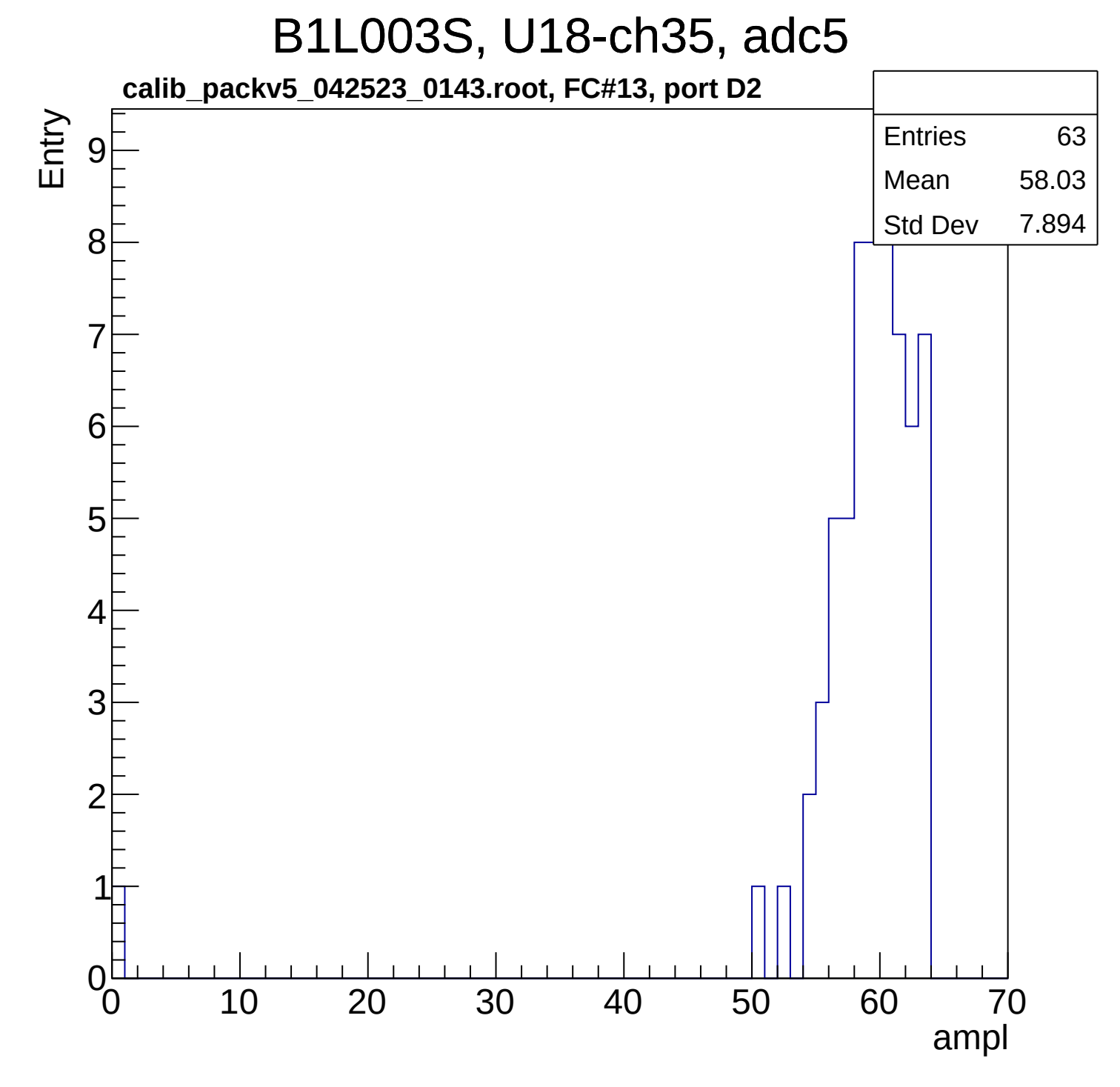

B1L003S, U18-ch35, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 27
Std Dev 6.637
Gaus mean : 29.0017
Gaus Width: 3.9306
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

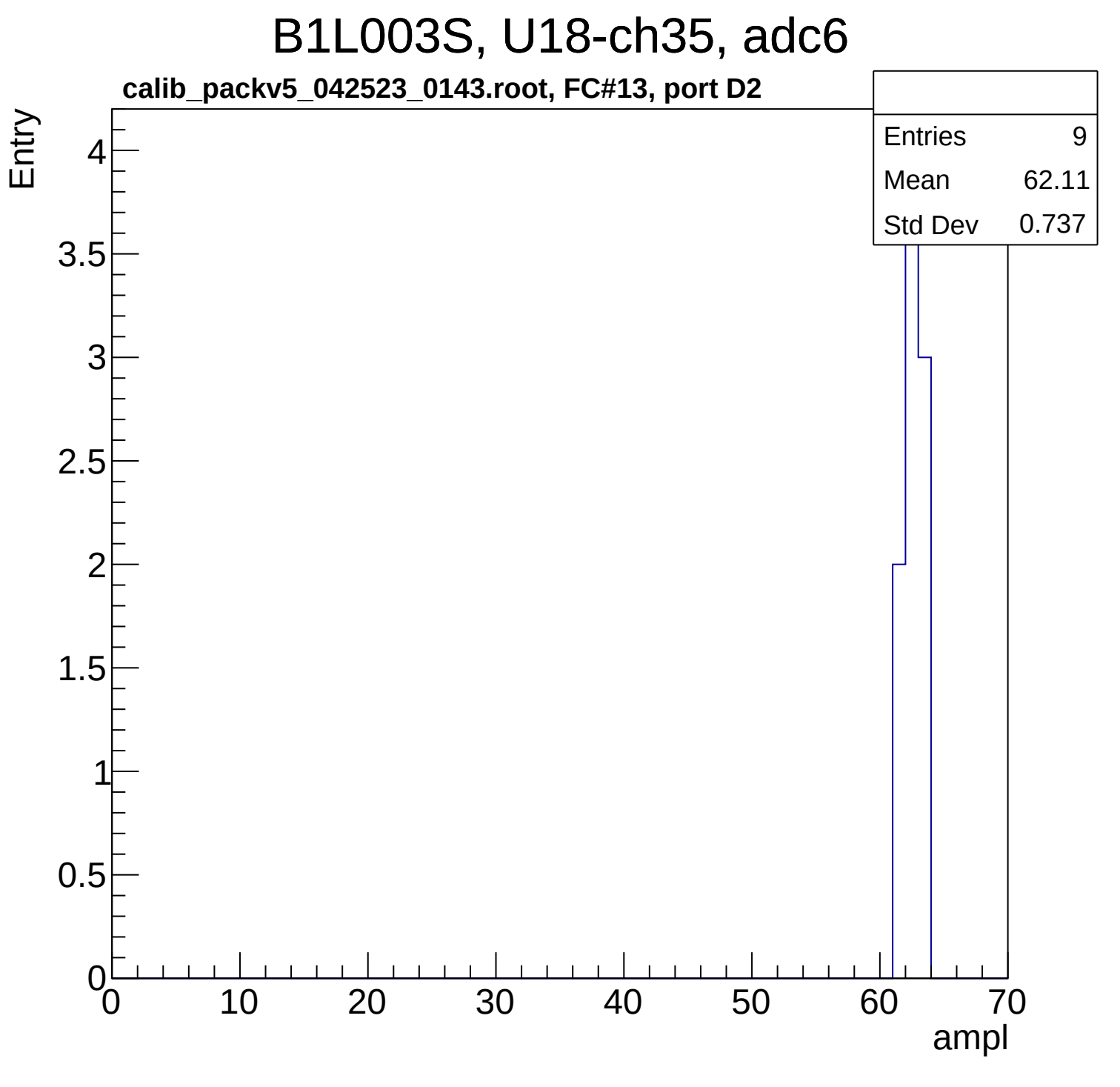

B1L003S, U18-ch35, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 35.12
Std Dev 3.011
Gaus mean : 35.9218
Gaus Width: 3.5283
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

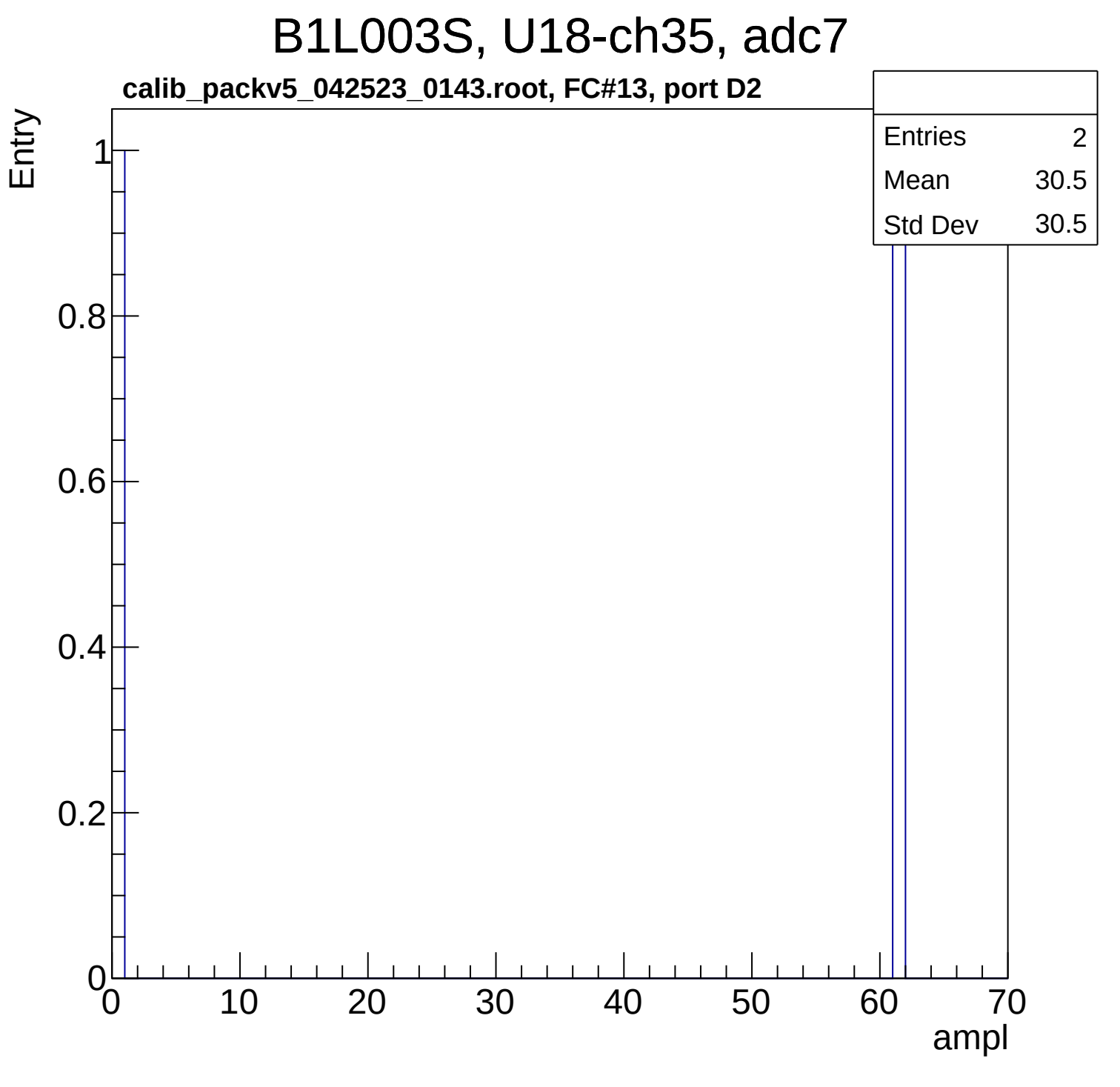

B1L003S, U18-ch35, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 41.07
Std Dev 3.71
Gaus mean : 41.7306
Gaus Width: 4.2802
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

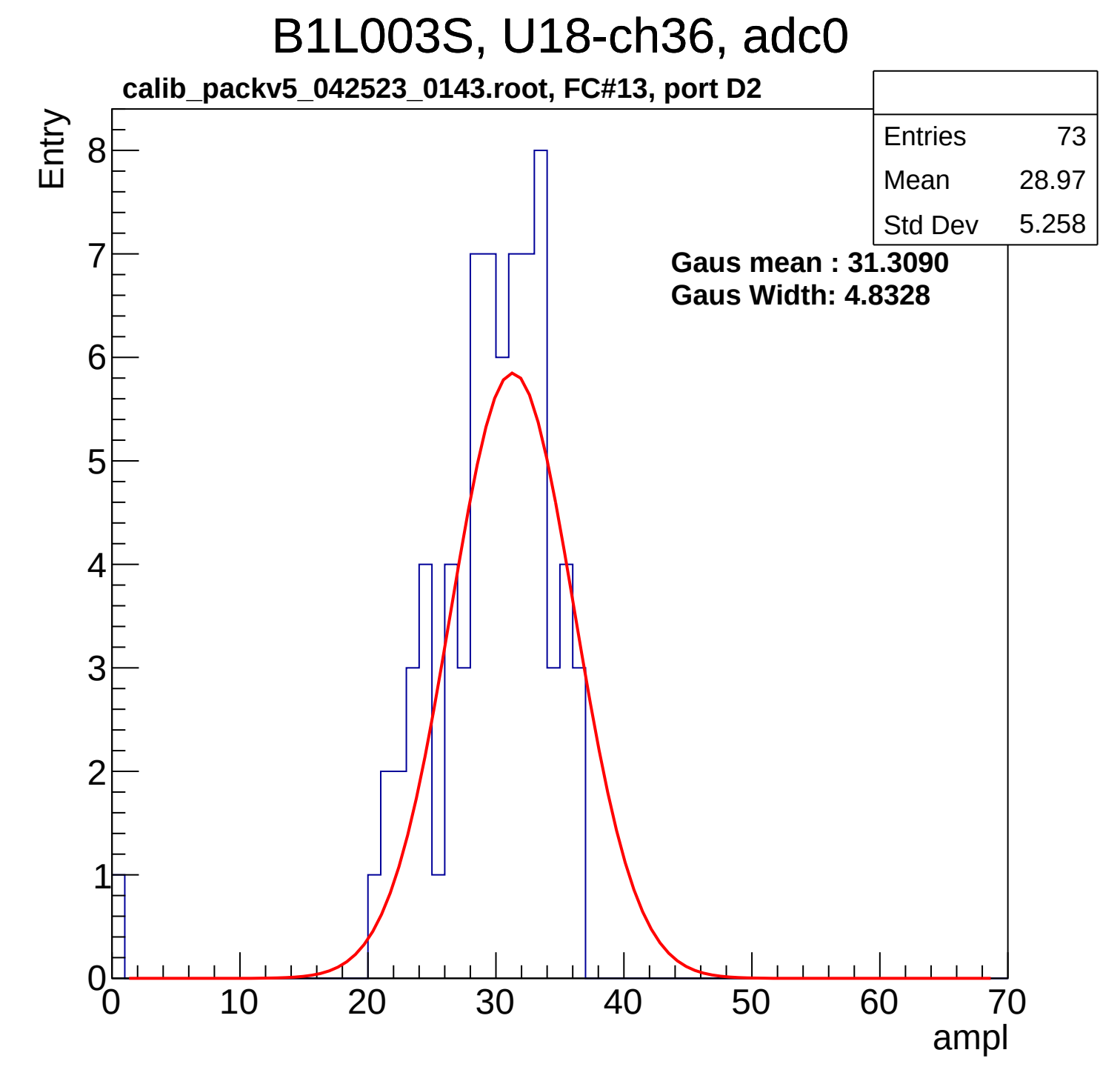

B1L003S, U18-ch35, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 47.57
Std Dev 3.996
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

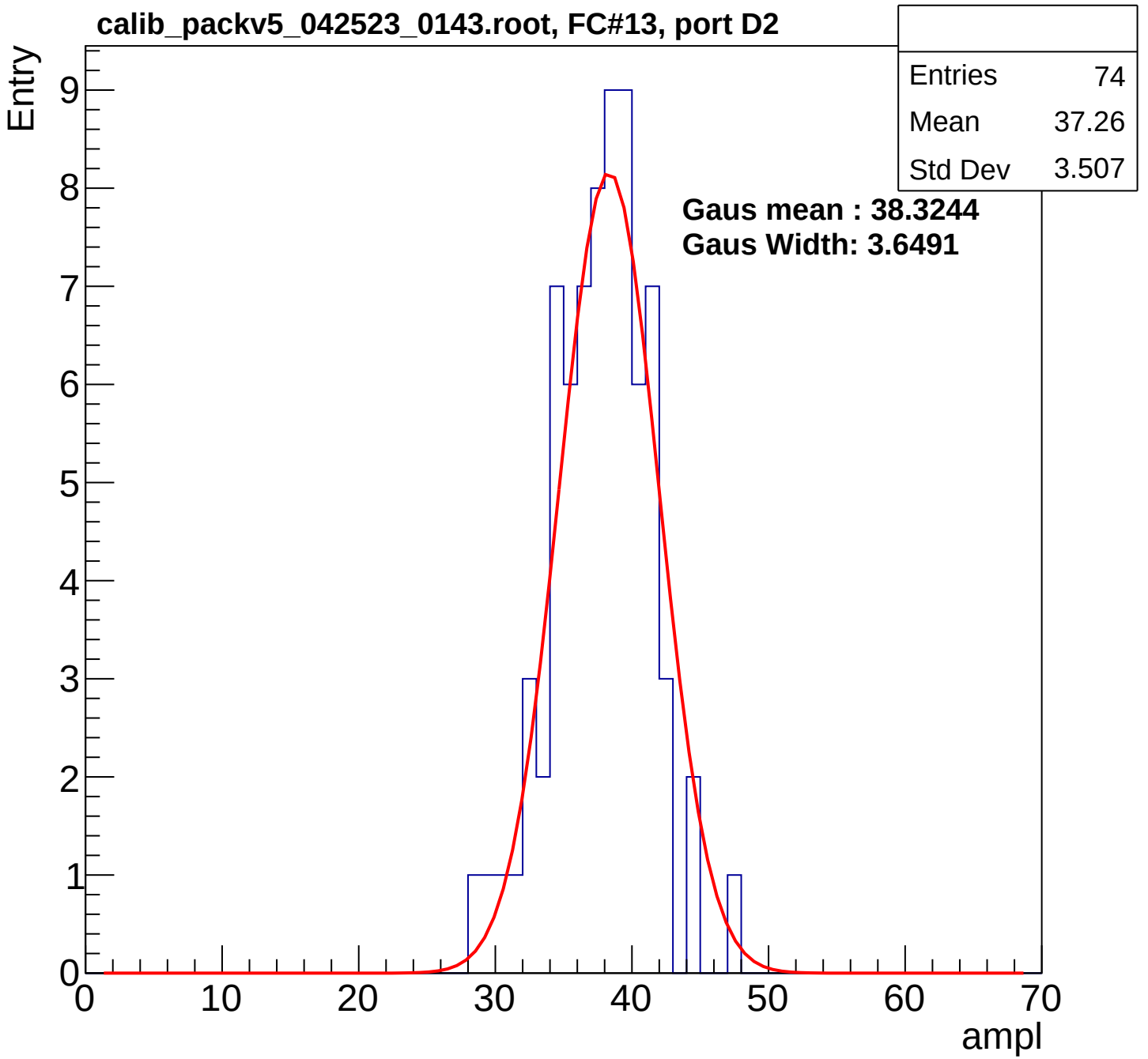

B1L003S, U18-ch35, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 52.97
Std Dev 3.35
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

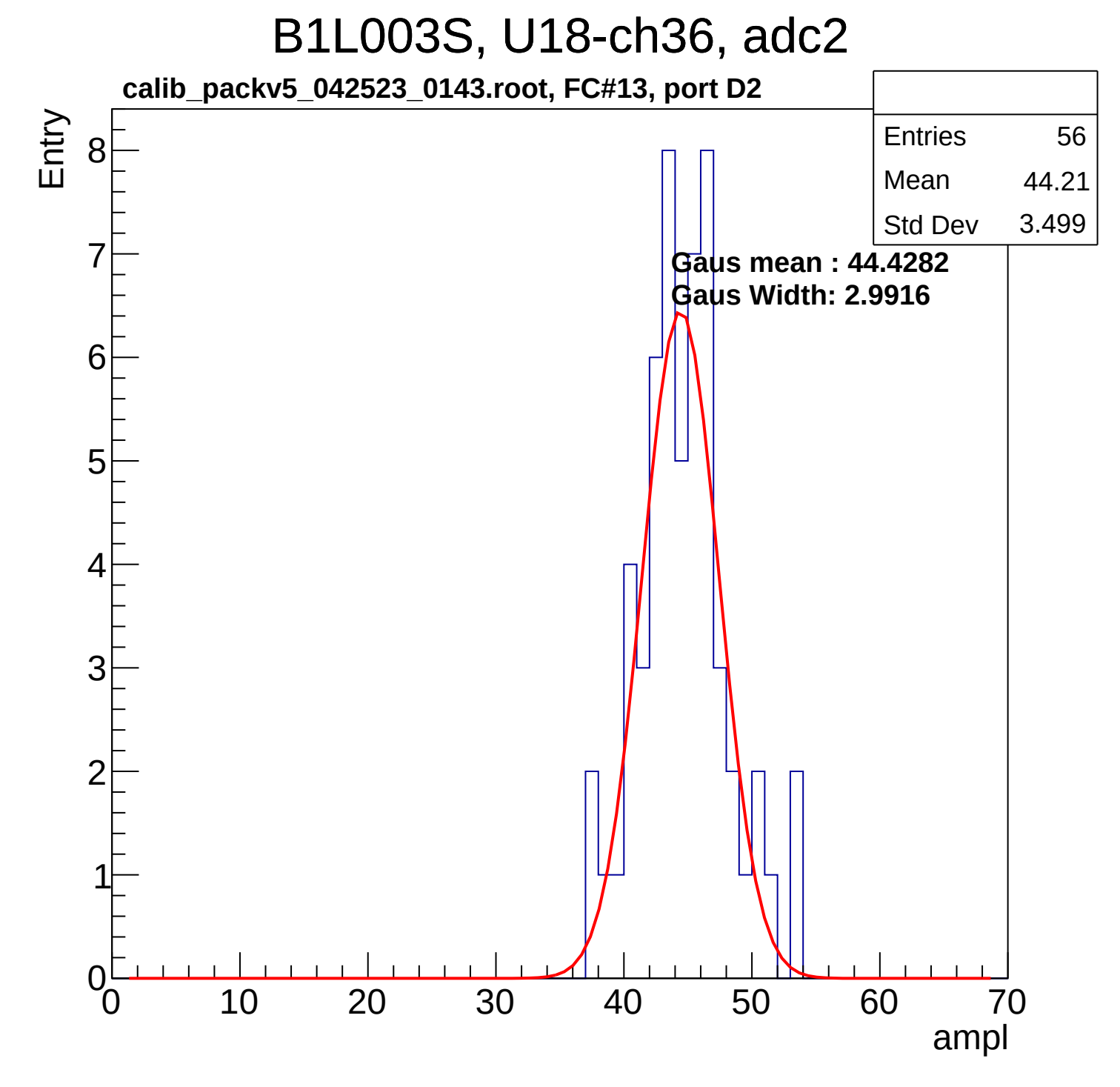

B1L003S, U18-ch35, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 58.03
Std Dev 7.894
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

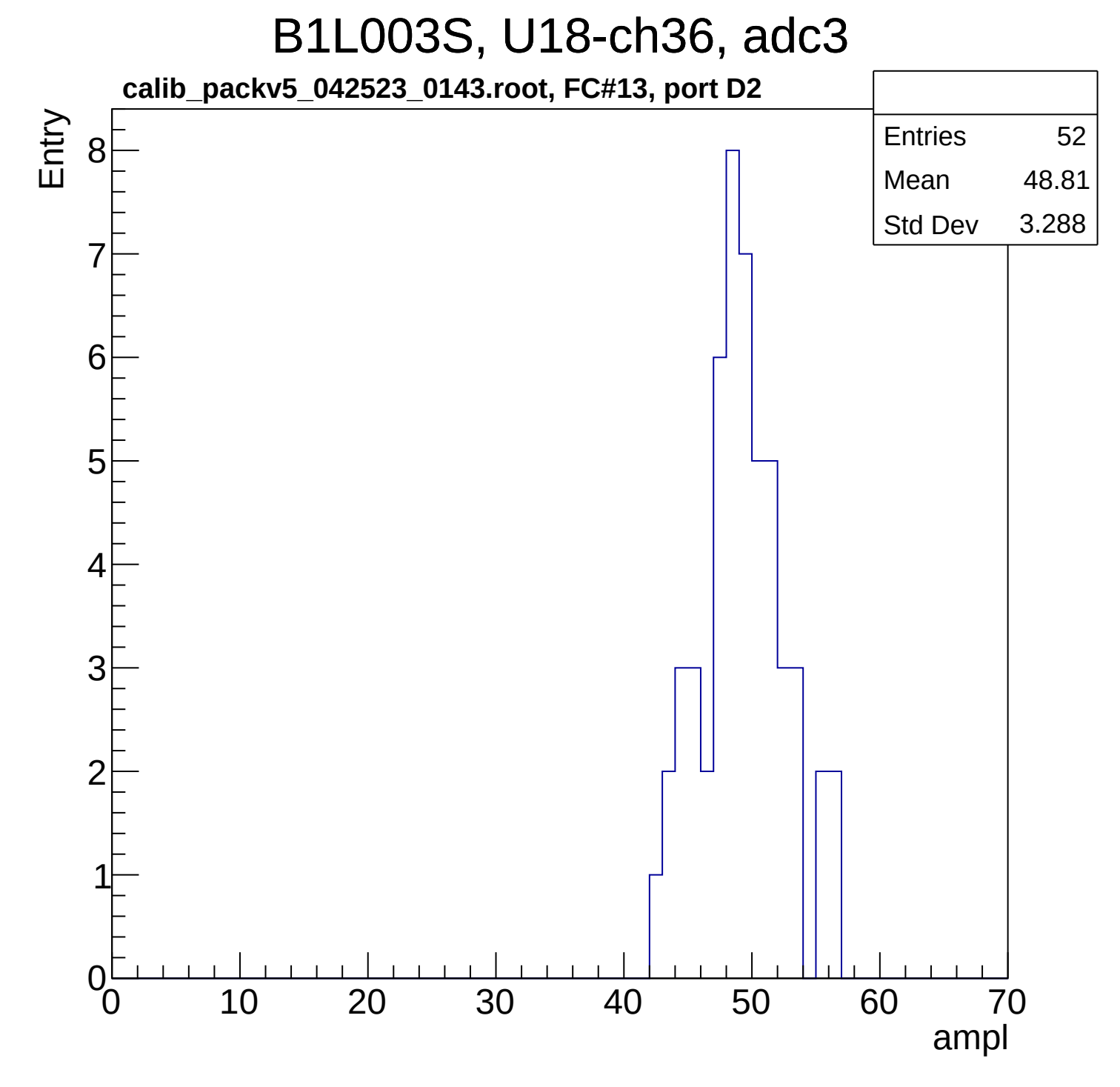

B1L003S, U18-ch35, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 62.11
Std Dev 0.737
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

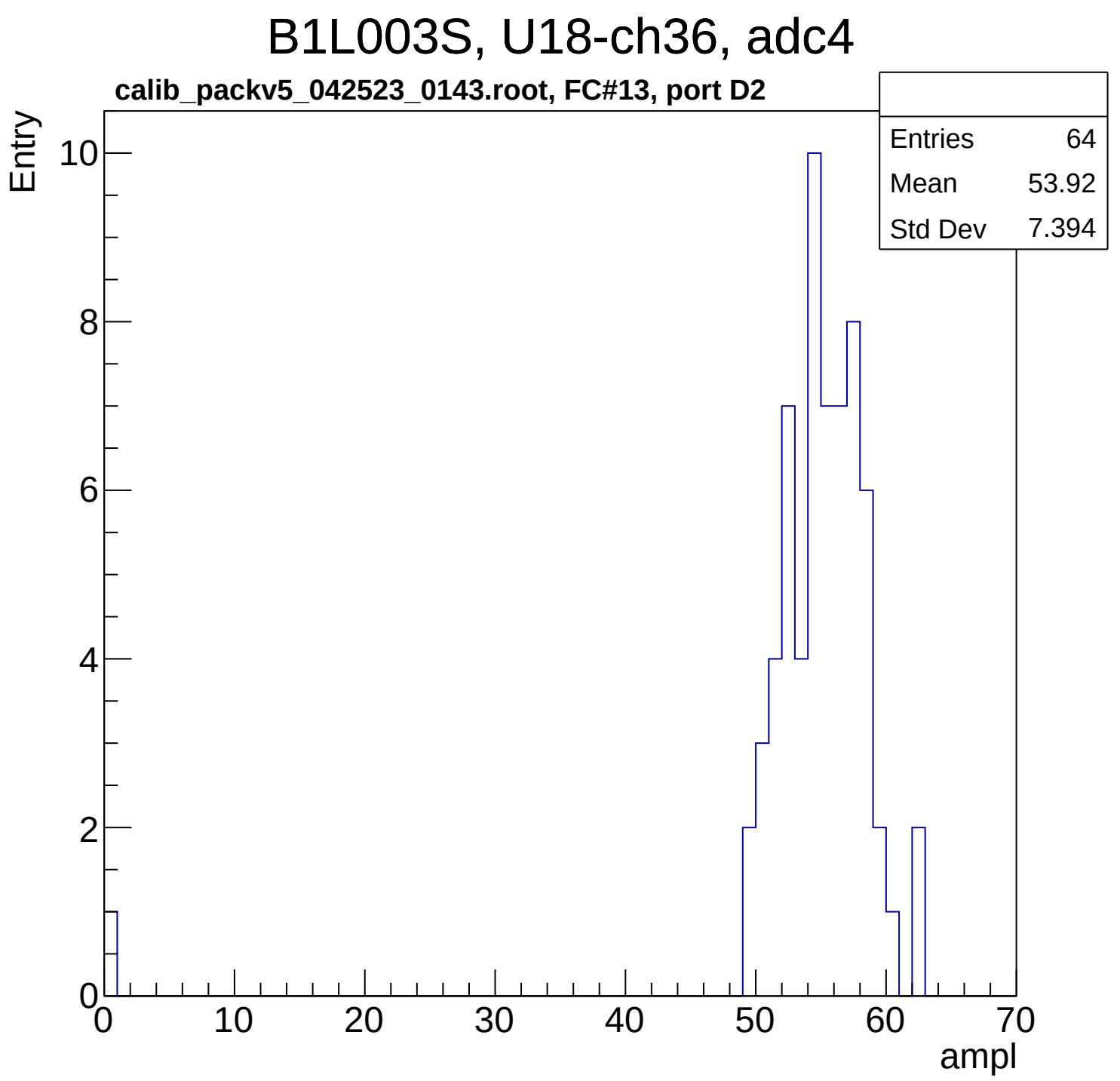

B1L003S, U18-ch35, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 30.5
Std Dev 30.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

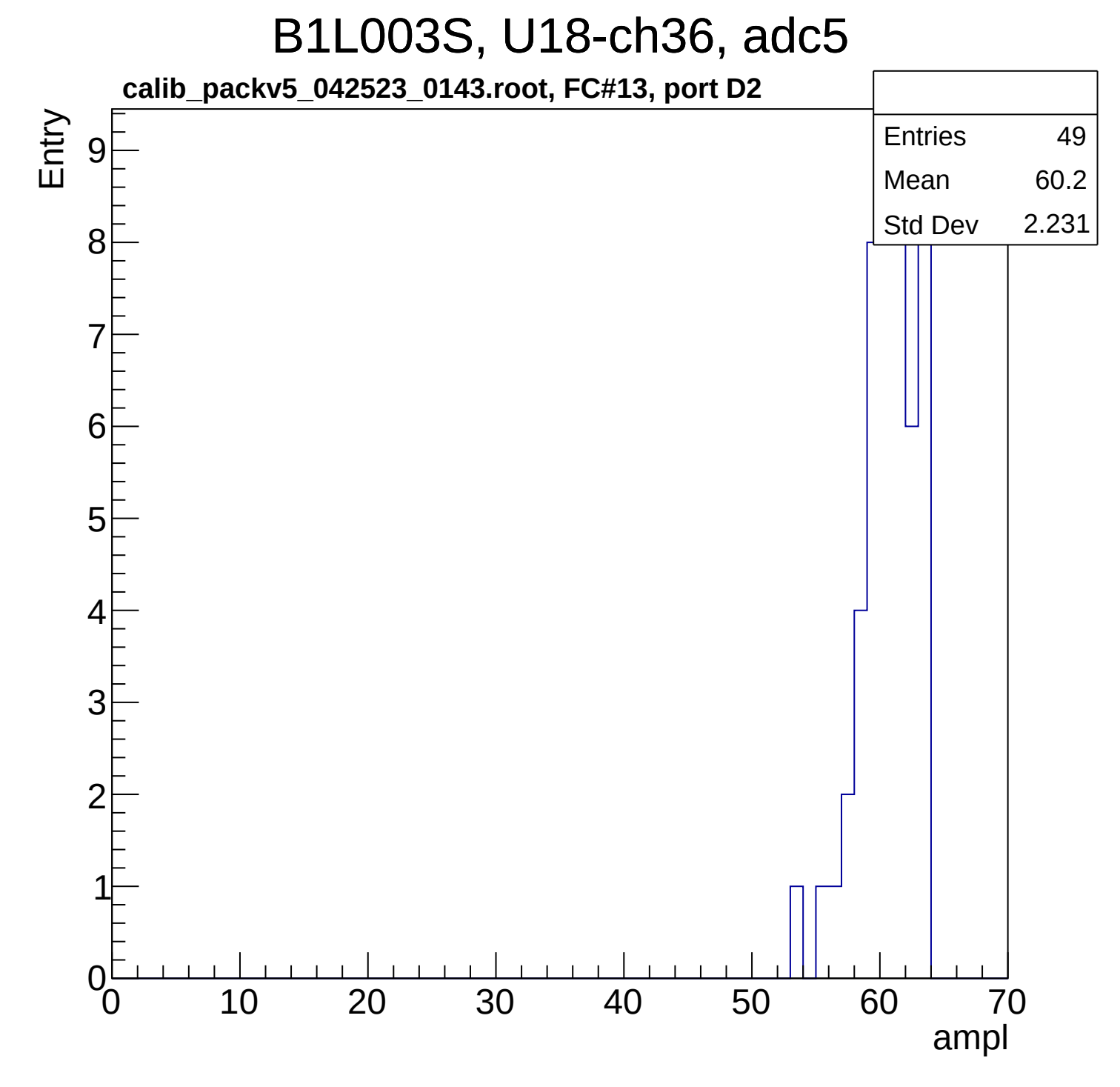

B1L003S, U18-ch36, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 28.97
Std Dev 5.258
Gaus mean : 31.3090
Gaus Width: 4.8328
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

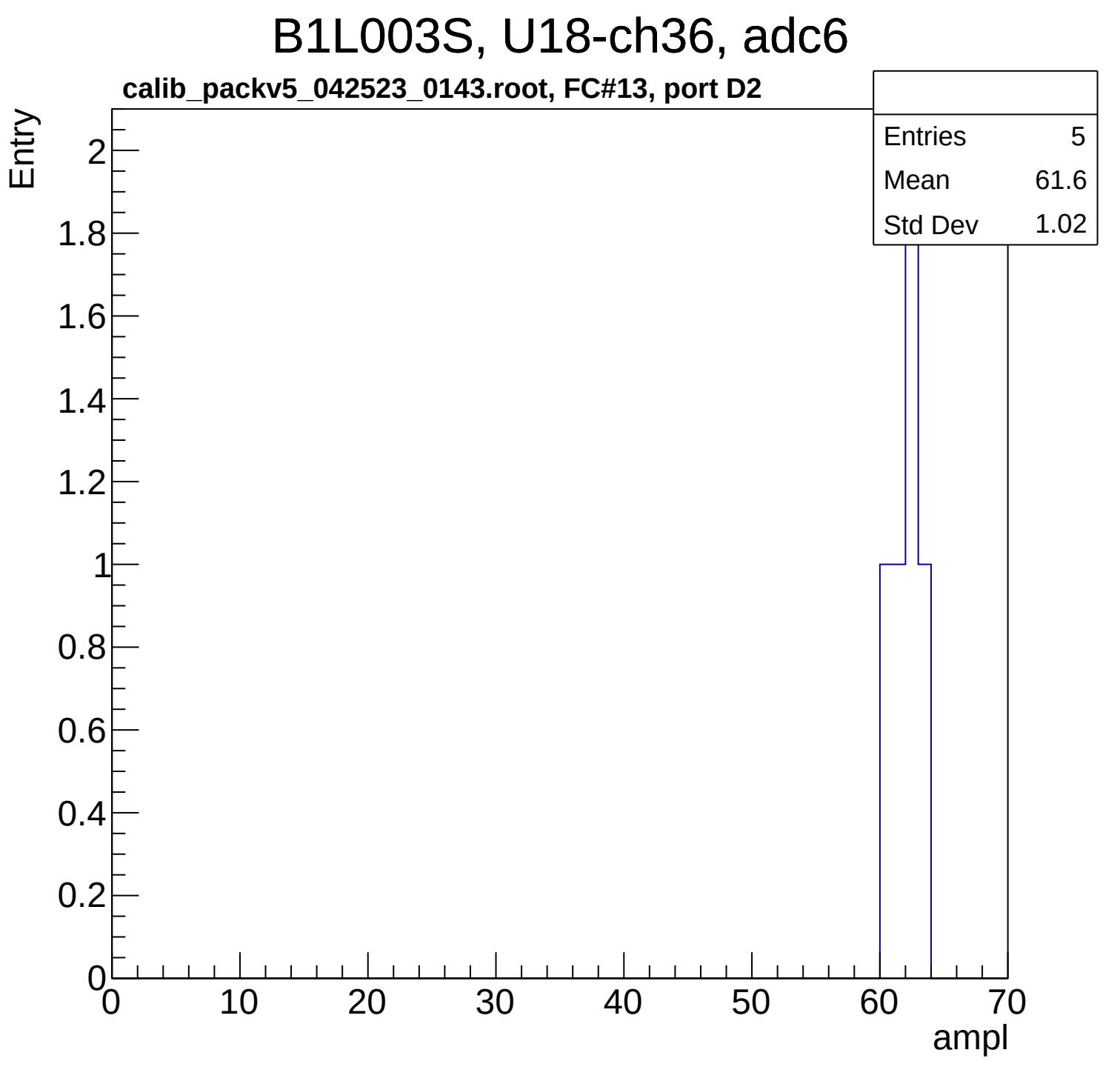

B1L003S, U18-ch36, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 37.26
Std Dev 3.507
Gaus mean : 38.3244
Gaus Width: 3.6491
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

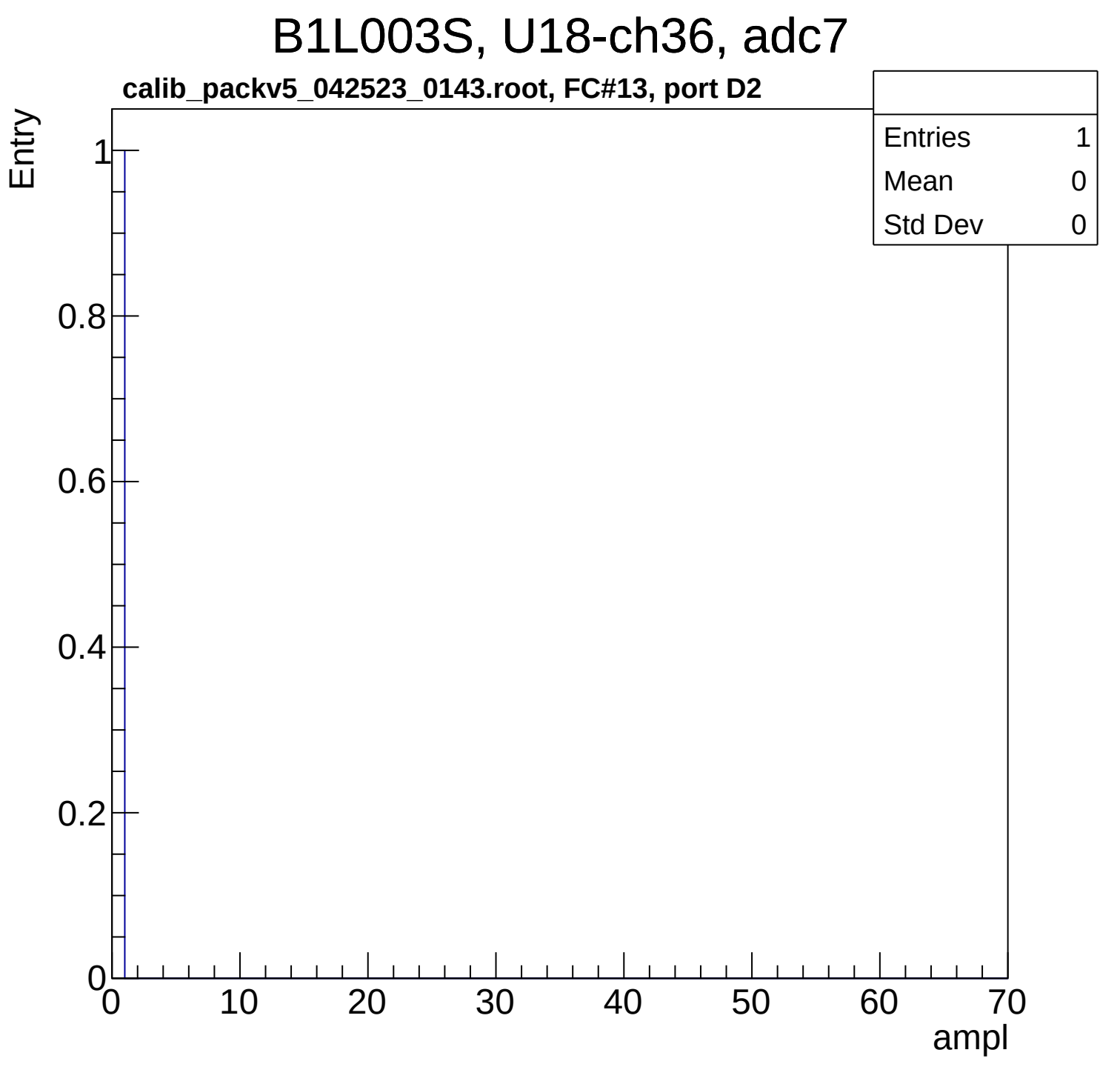

B1L003S, U18-ch36, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 44.21
Std Dev 3.499
Gaus mean : 44.4282
Gaus Width: 2.9916
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

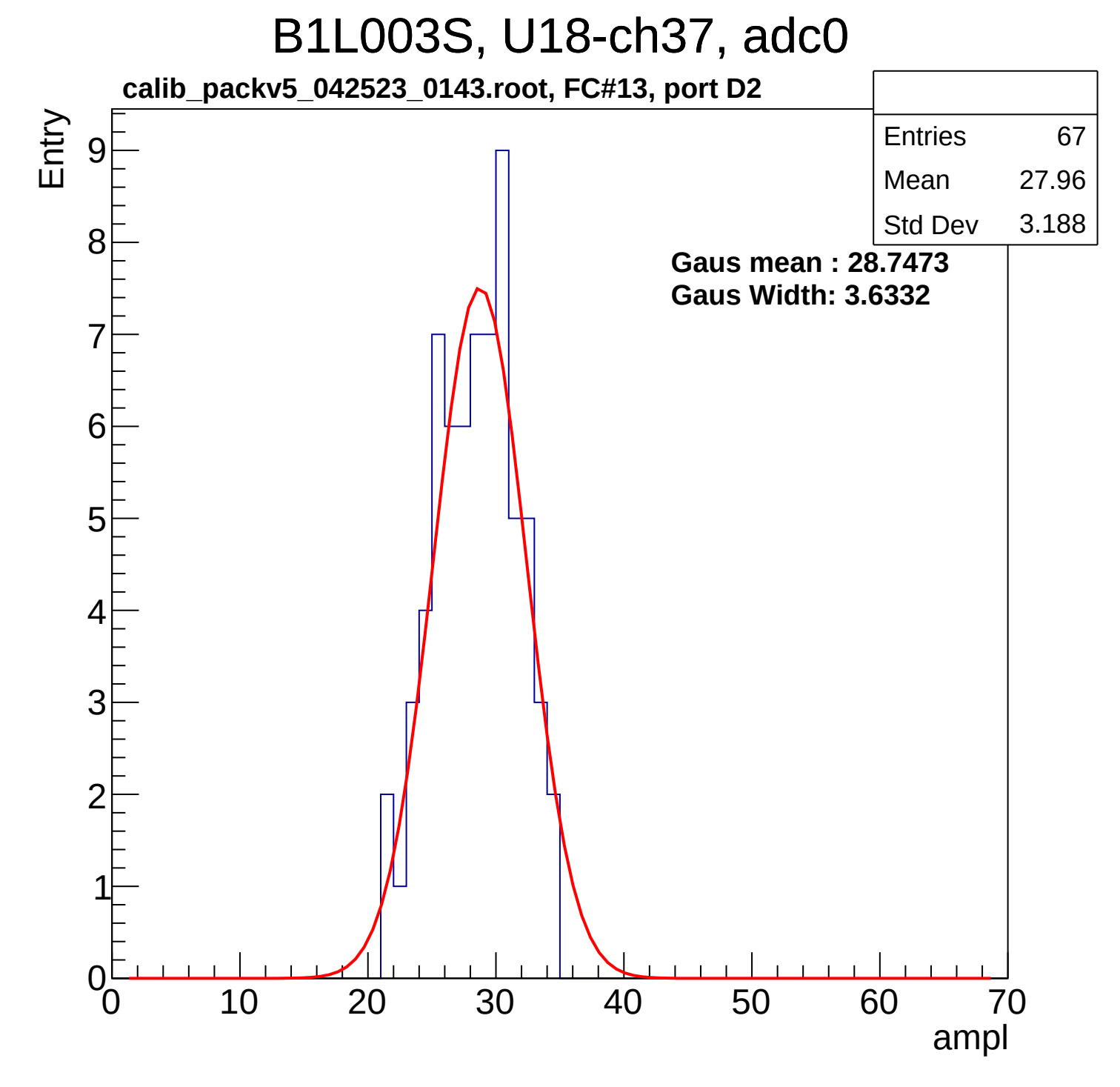

B1L003S, U18-ch36, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 48.81
Std Dev 3.288
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

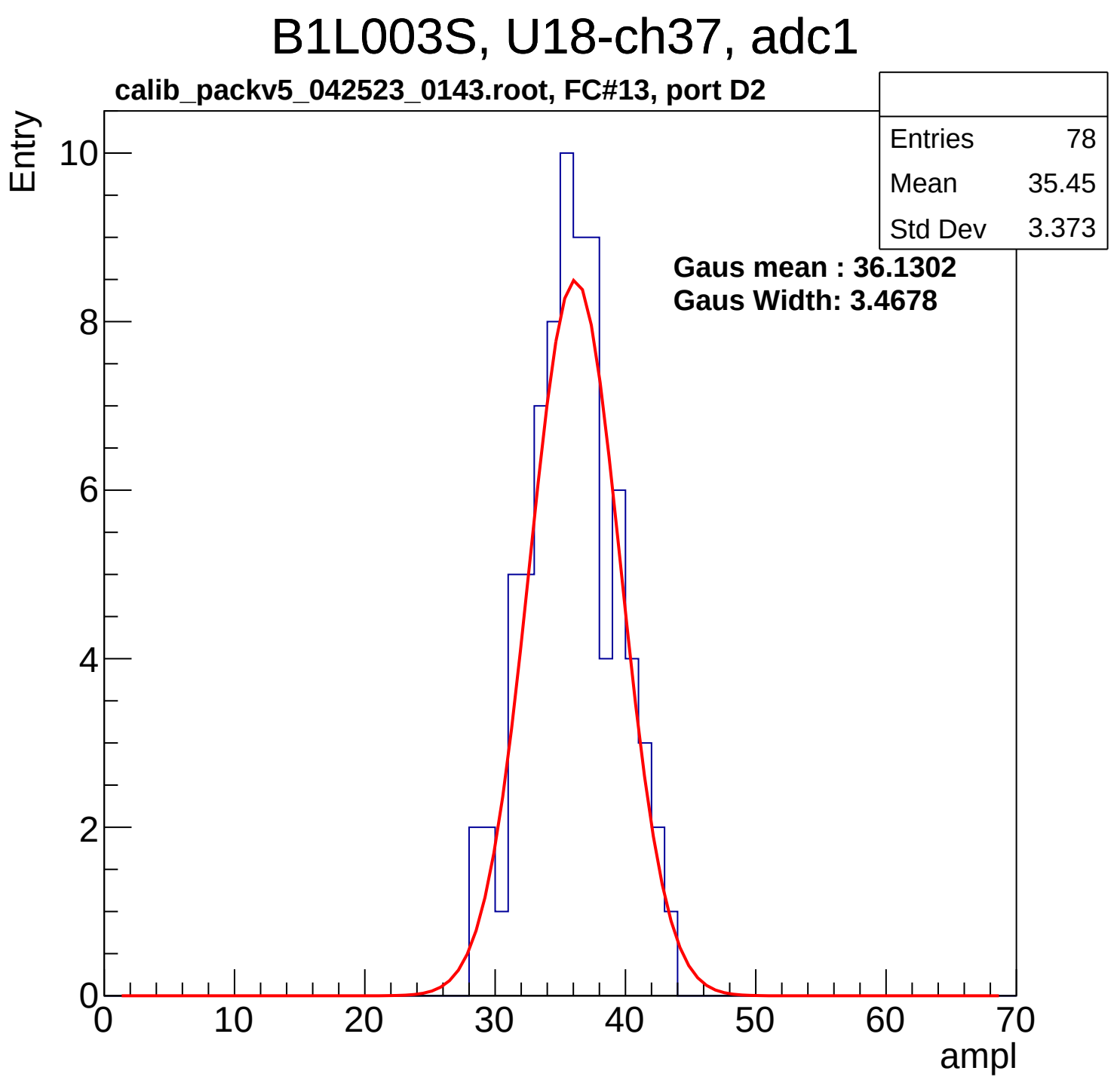

B1L003S, U18-ch36, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 53.92
Std Dev 7.394
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

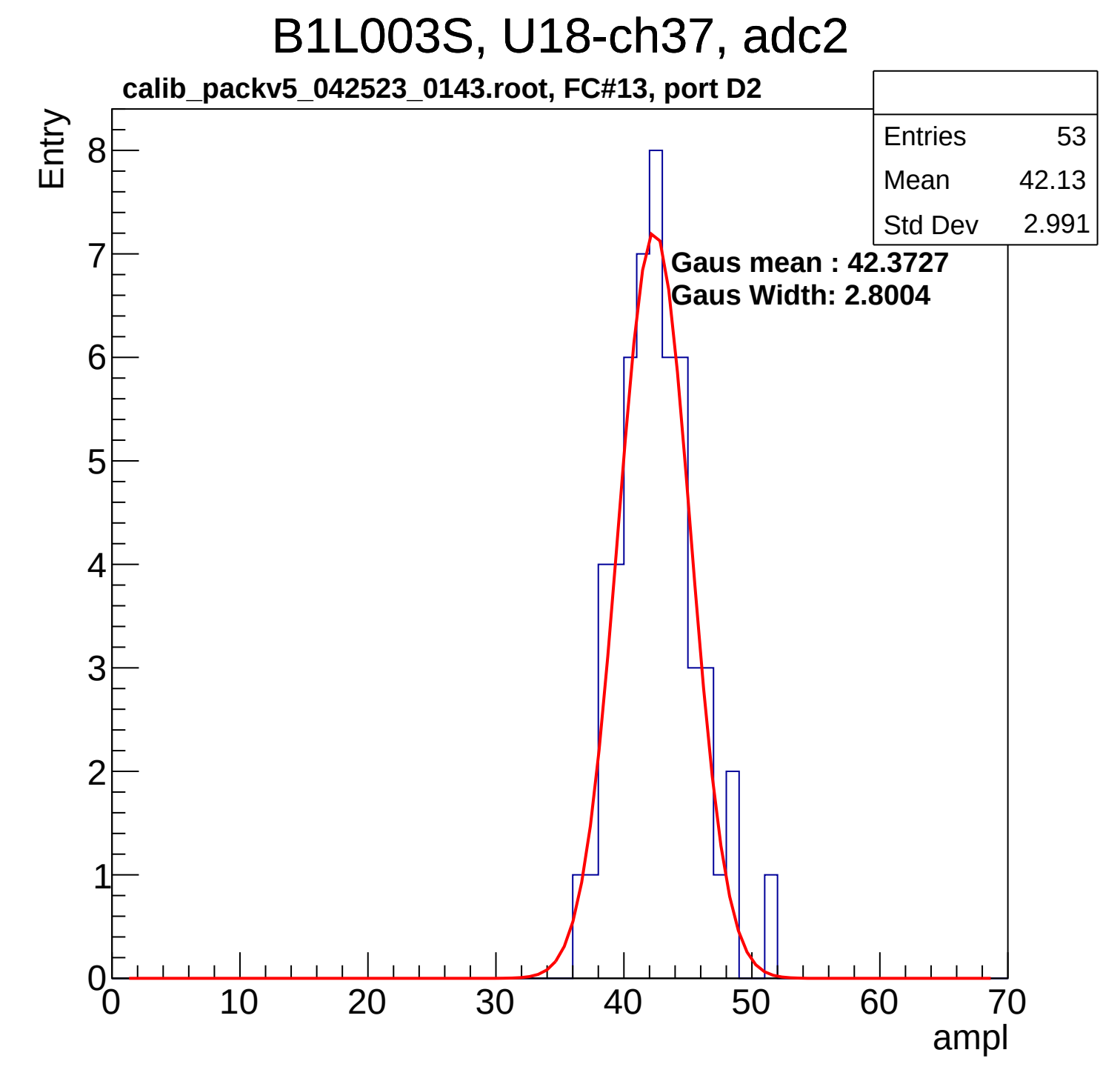

B1L003S, U18-ch36, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 60.2
Std Dev 2.231
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

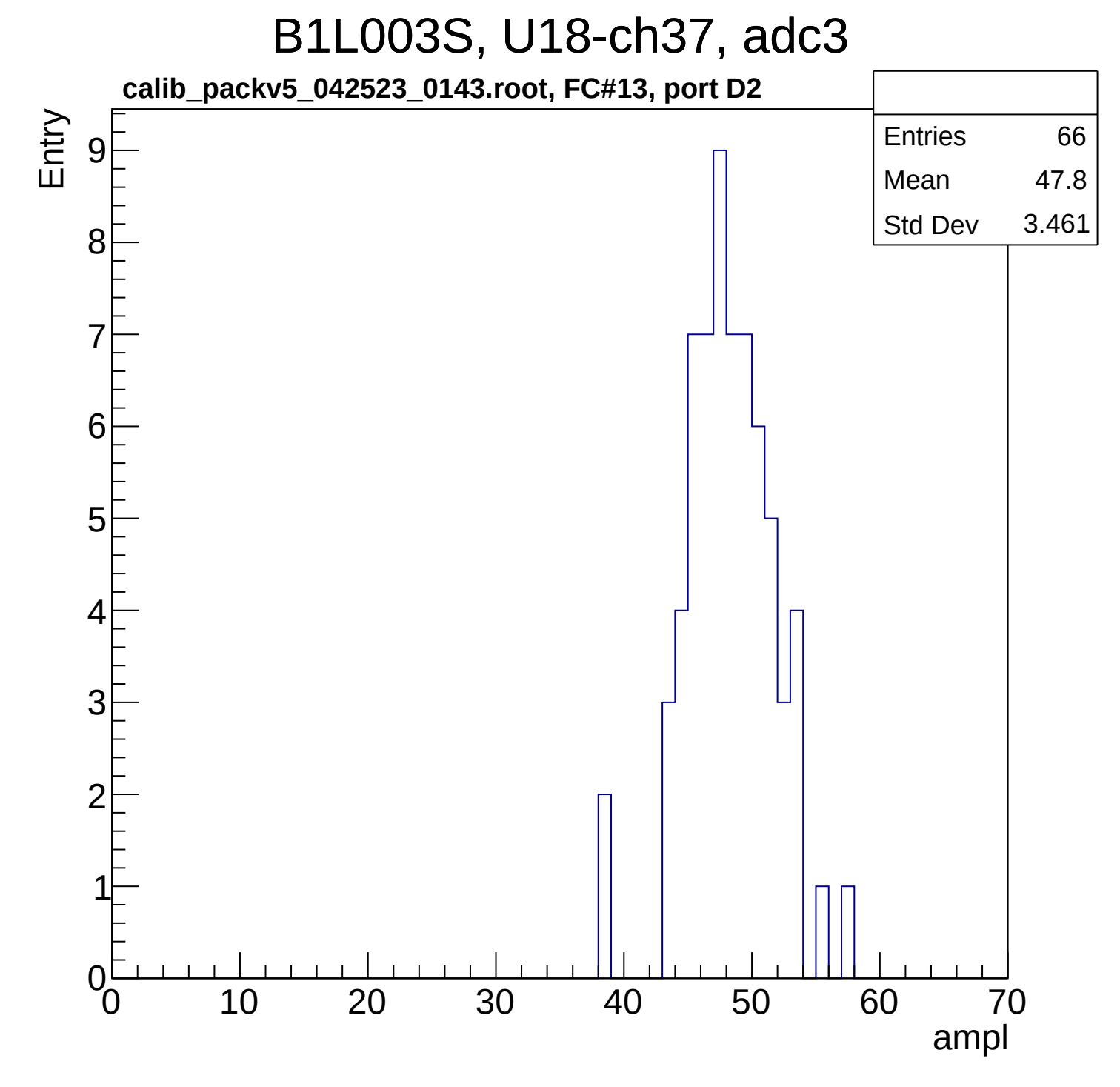

B1L003S, U18-ch36, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.6
Std Dev 1.02
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

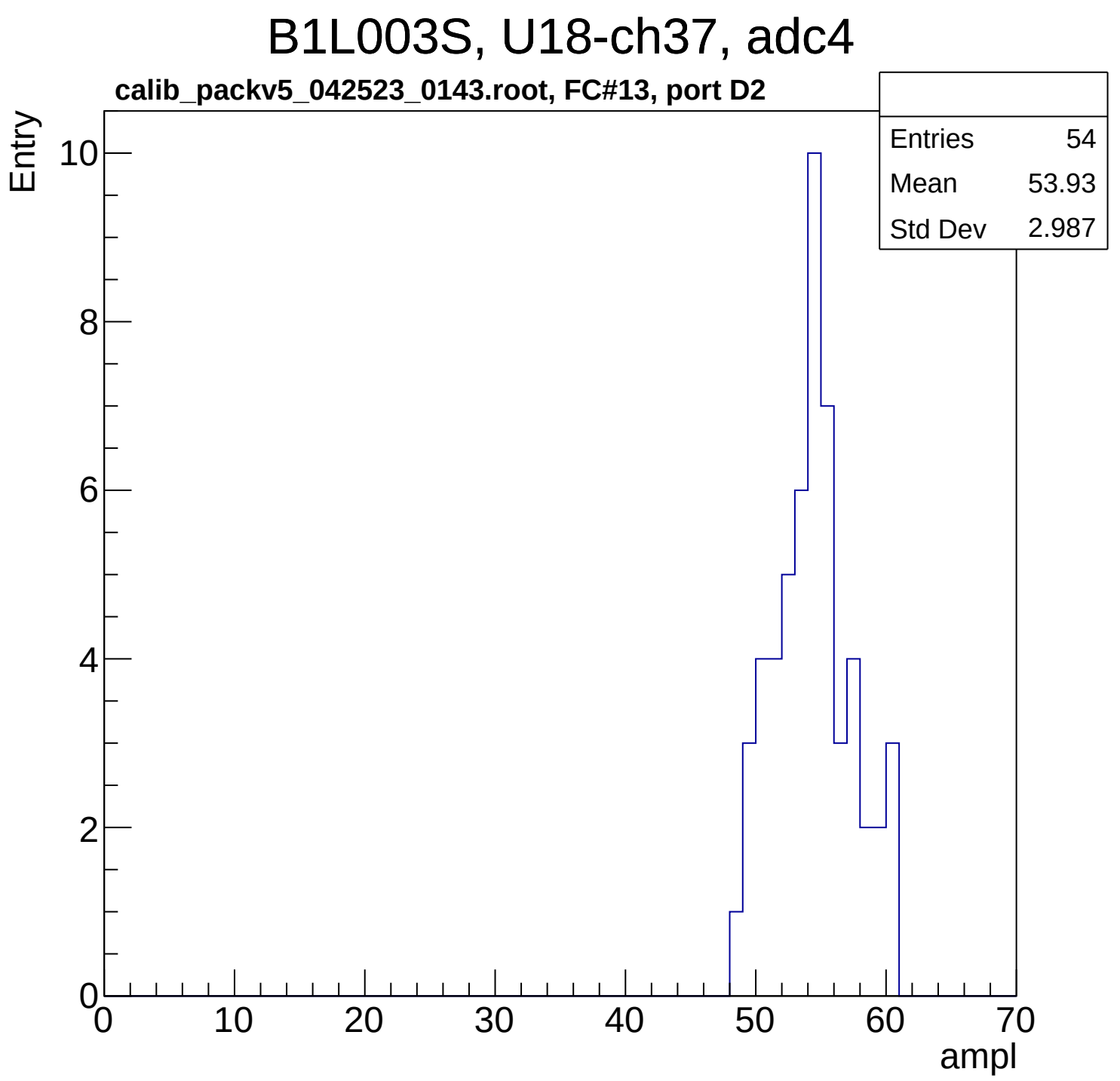

B1L003S, U18-ch36, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

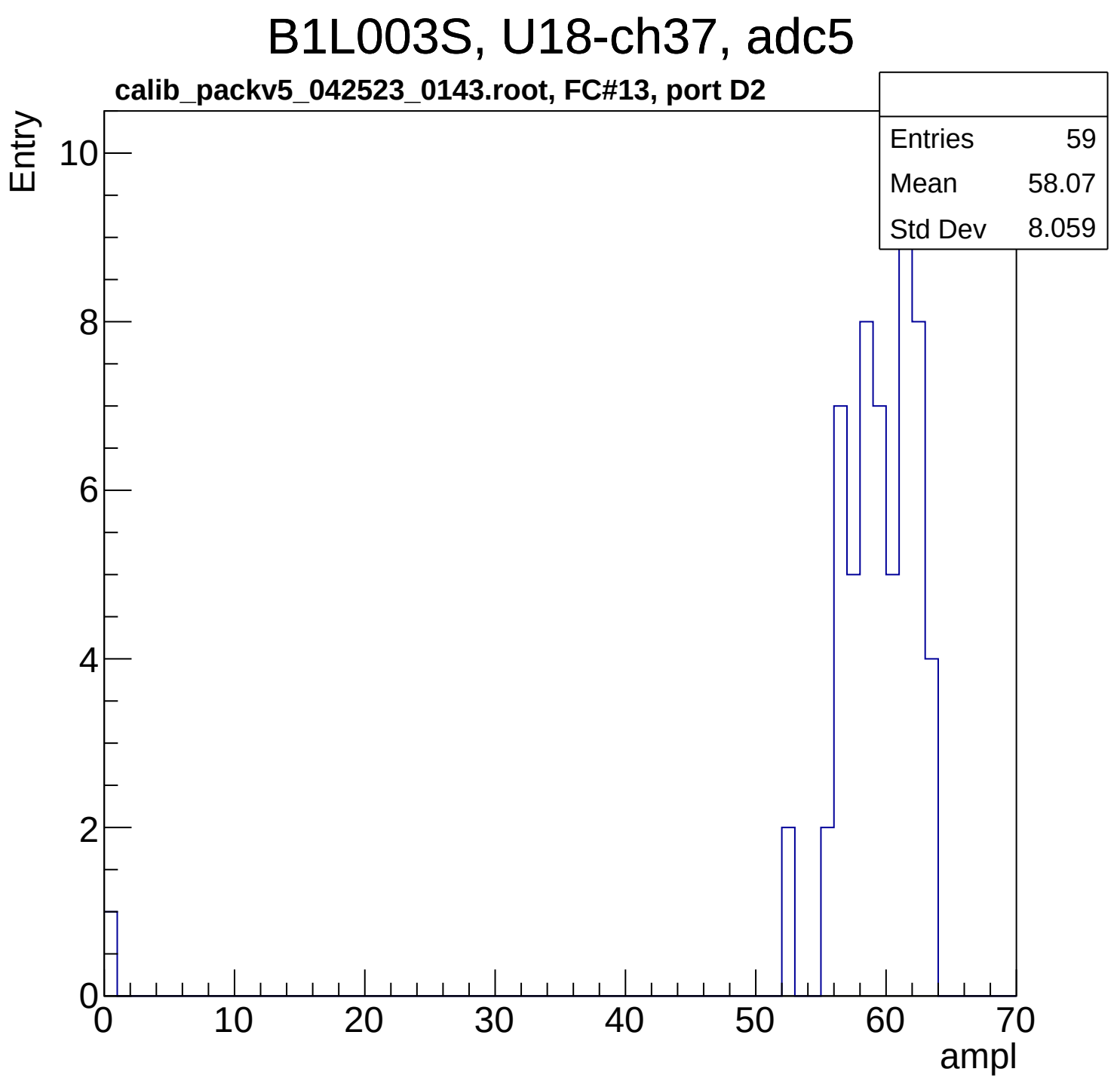

B1L003S, U18-ch37, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 27.96
Std Dev 3.188
Gaus mean : 28.7473
Gaus Width: 3.6332
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

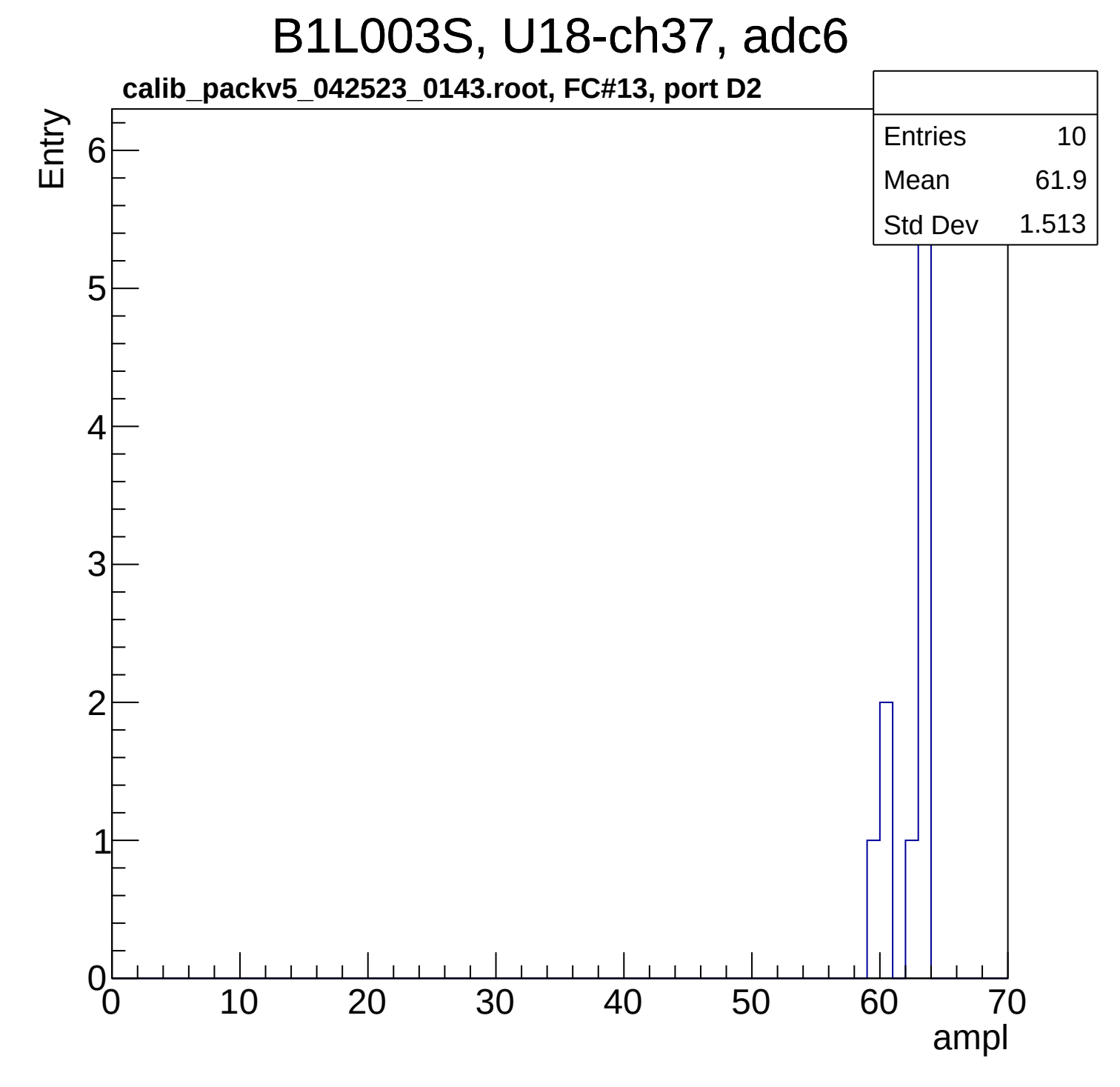

B1L003S, U18-ch37, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 35.45
Std Dev 3.373
Gaus mean : 36.1302
Gaus Width: 3.4678
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

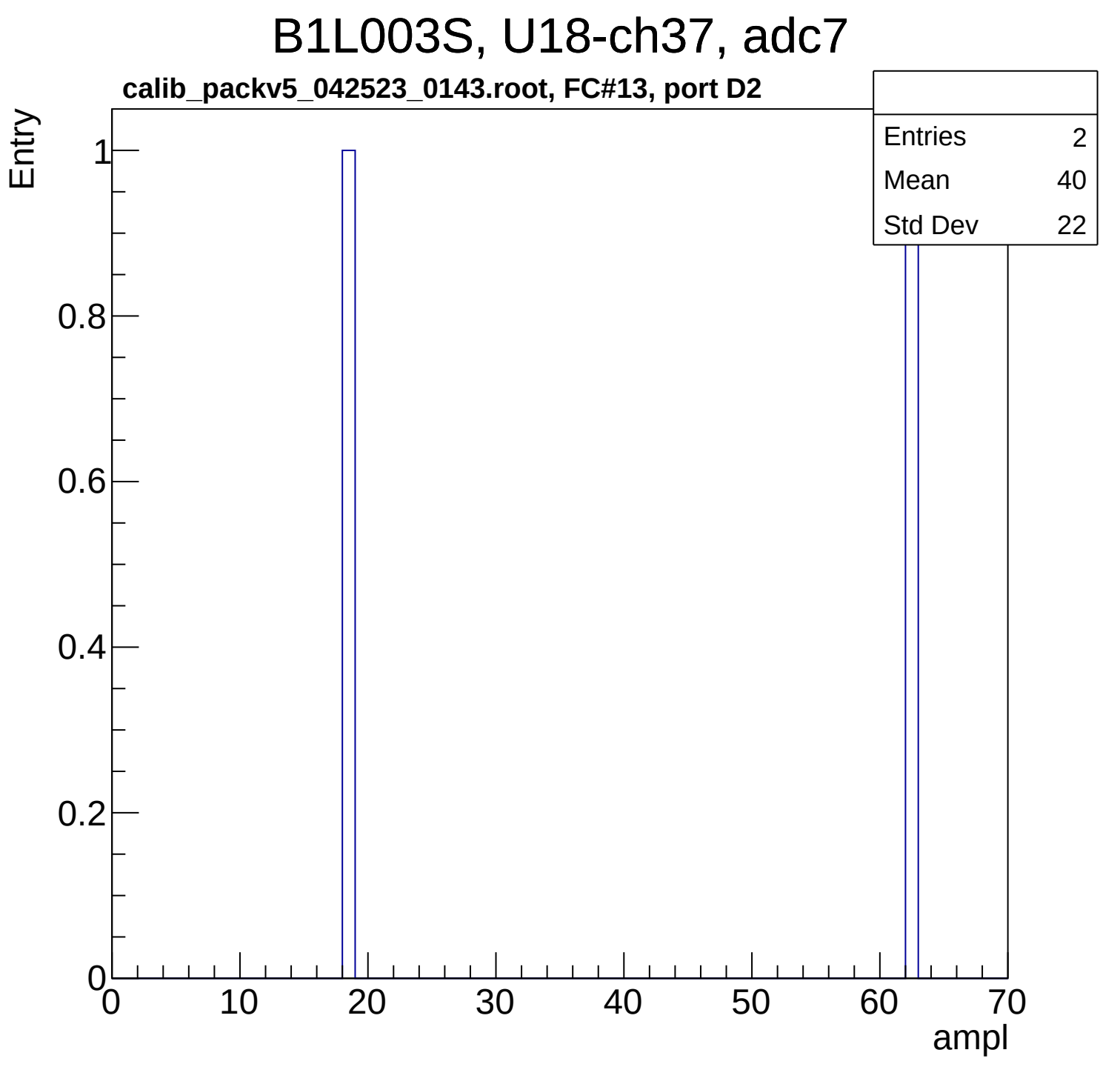

B1L003S, U18-ch37, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 42.13
Std Dev 2.991
Gaus mean : 42.3727
Gaus Width: 2.8004
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

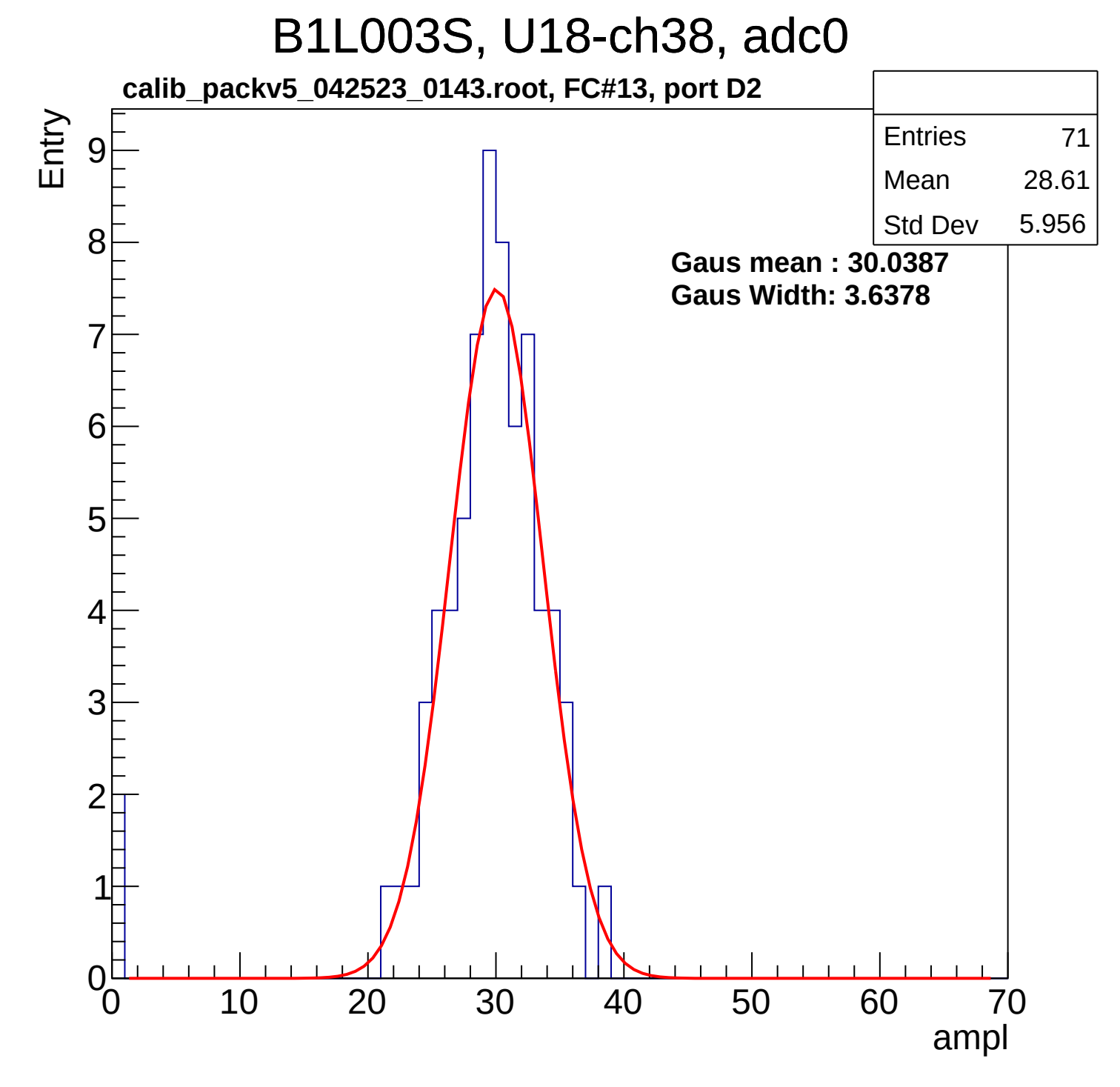

B1L003S, U18-ch37, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 47.8
Std Dev 3.461
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

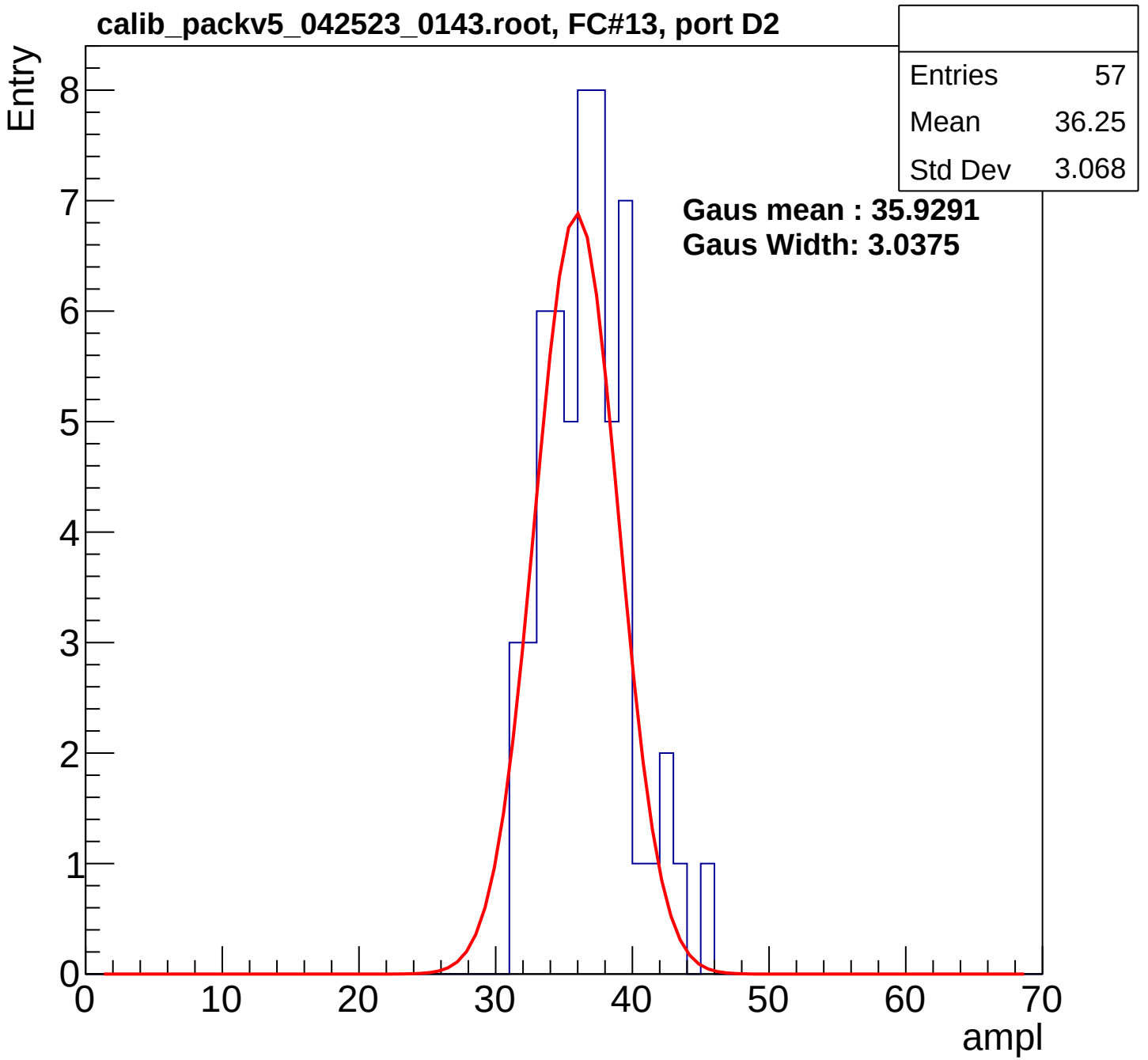

B1L003S, U18-ch37, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 53.93
Std Dev 2.987
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

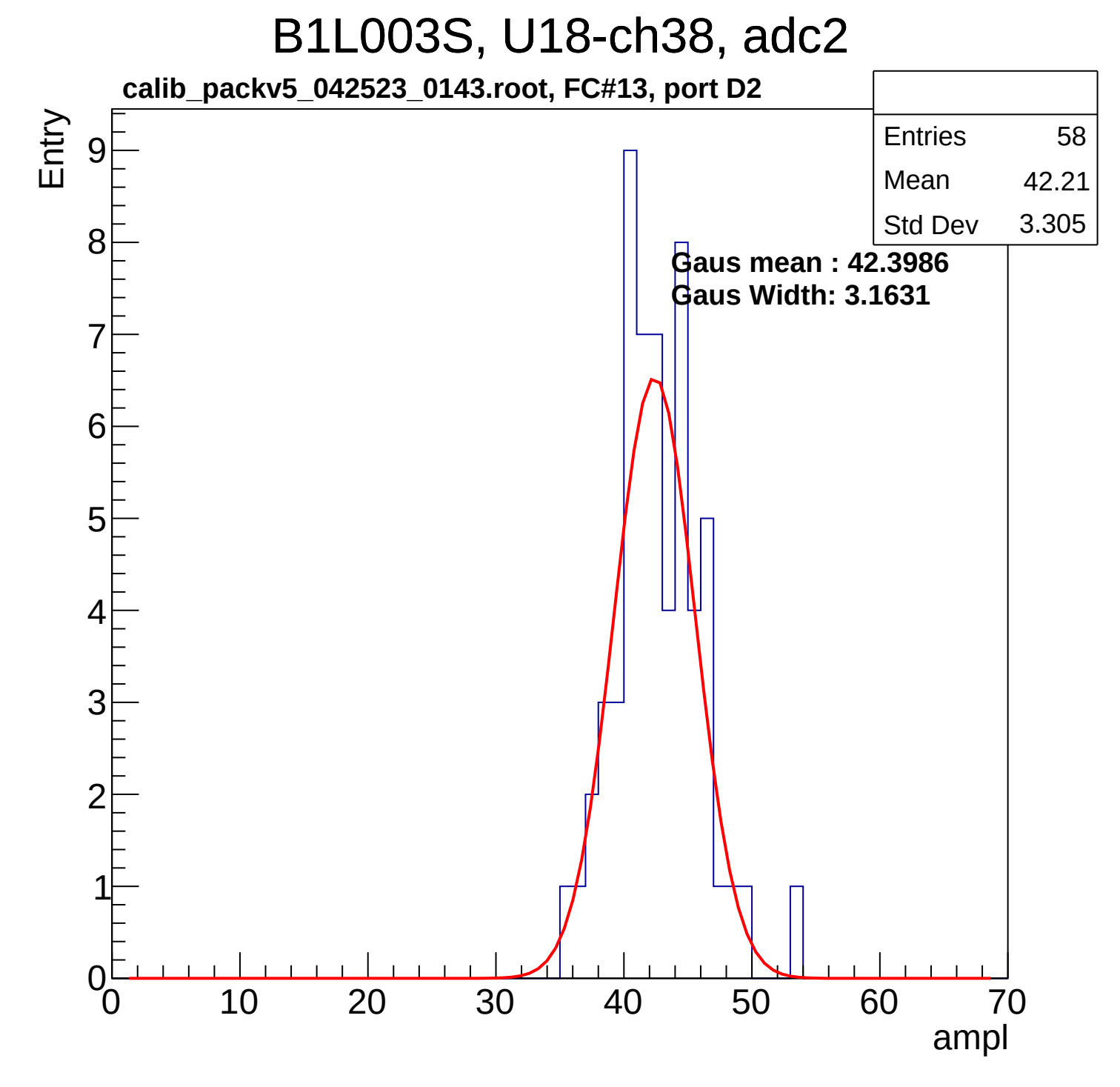

B1L003S, U18-ch37, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 58.07
Std Dev 8.059
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

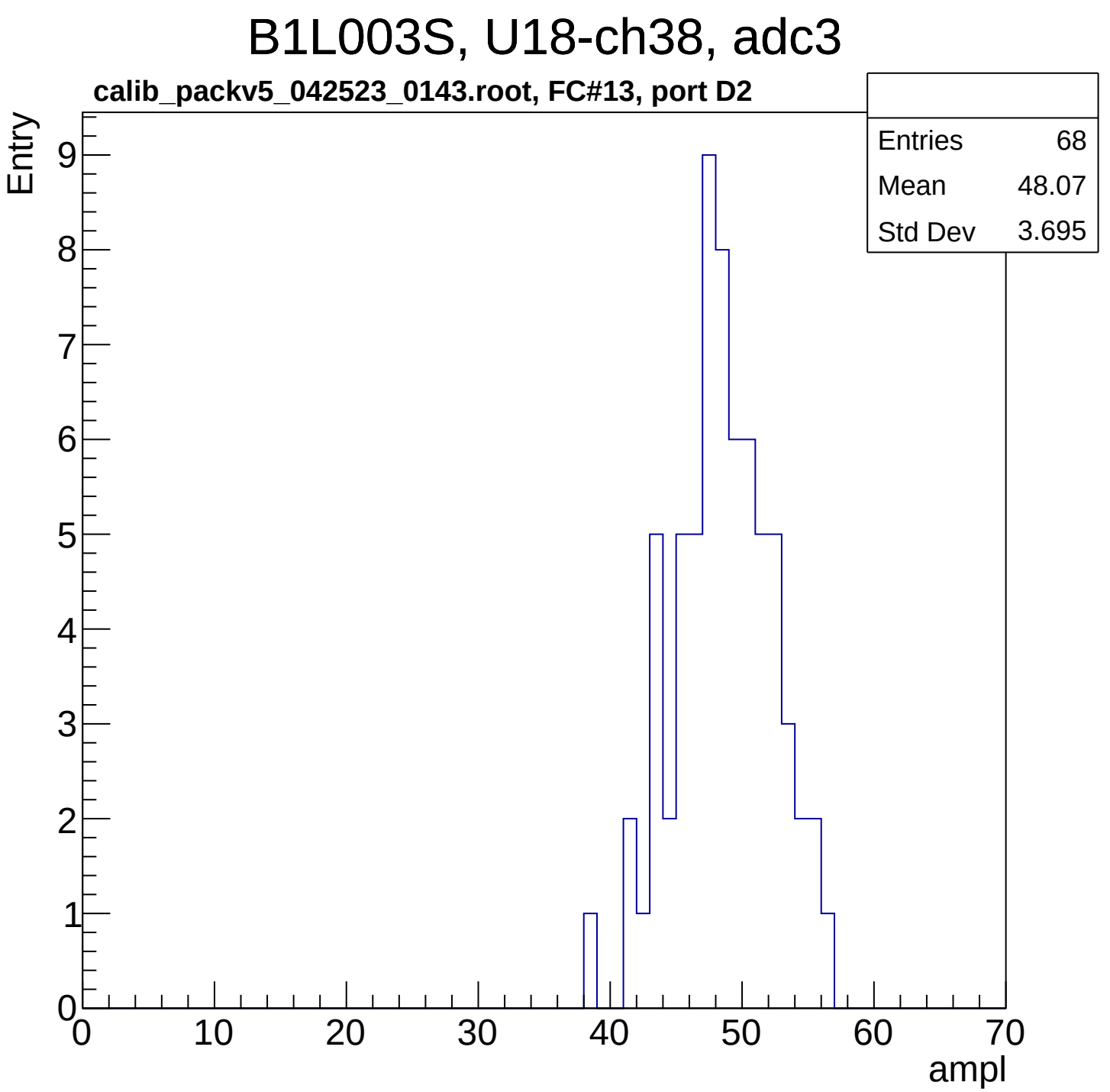

B1L003S, U18-ch37, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 61.9
Std Dev 1.513
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

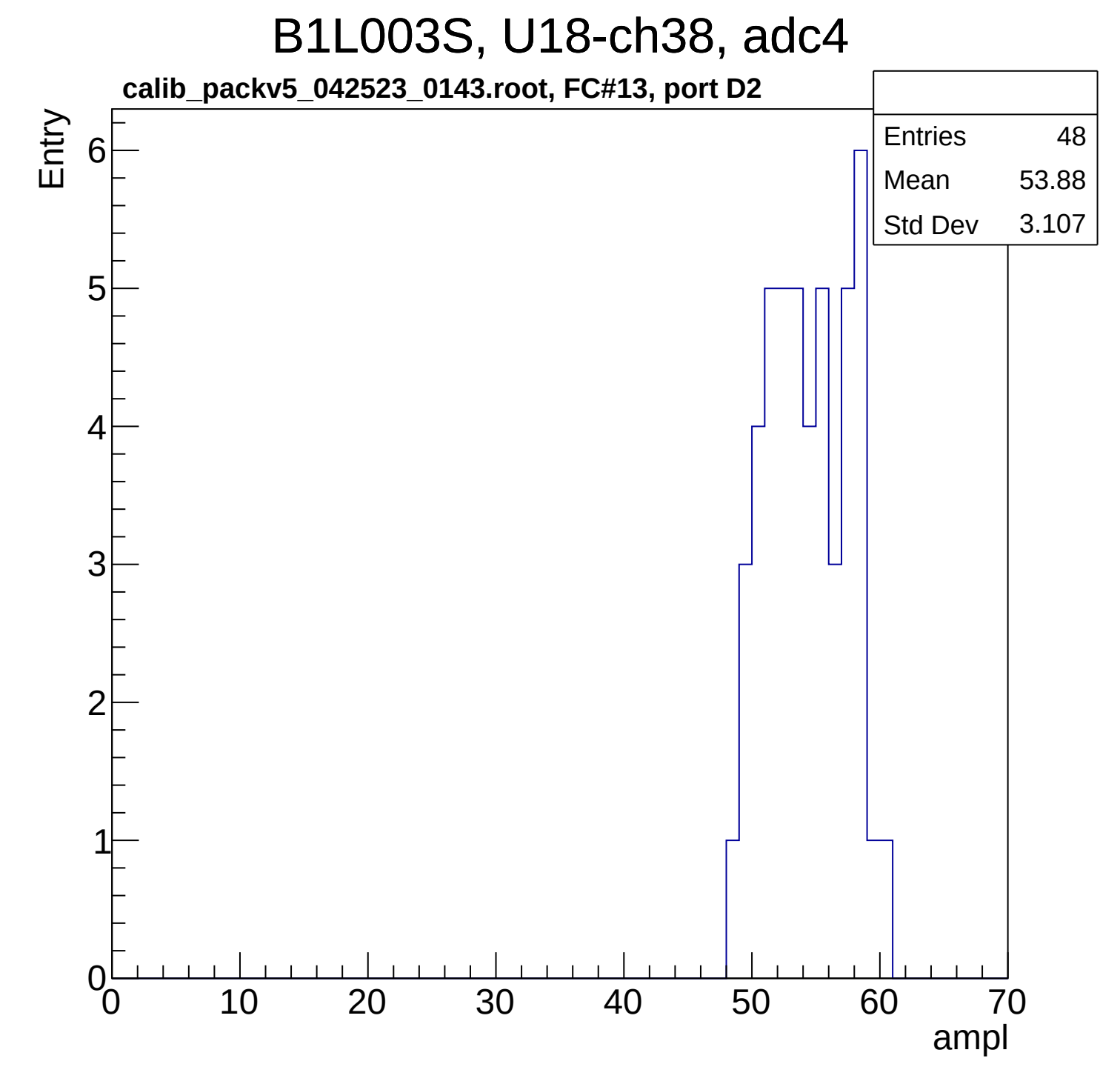

B1L003S, U18-ch37, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 40
Std Dev 22
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

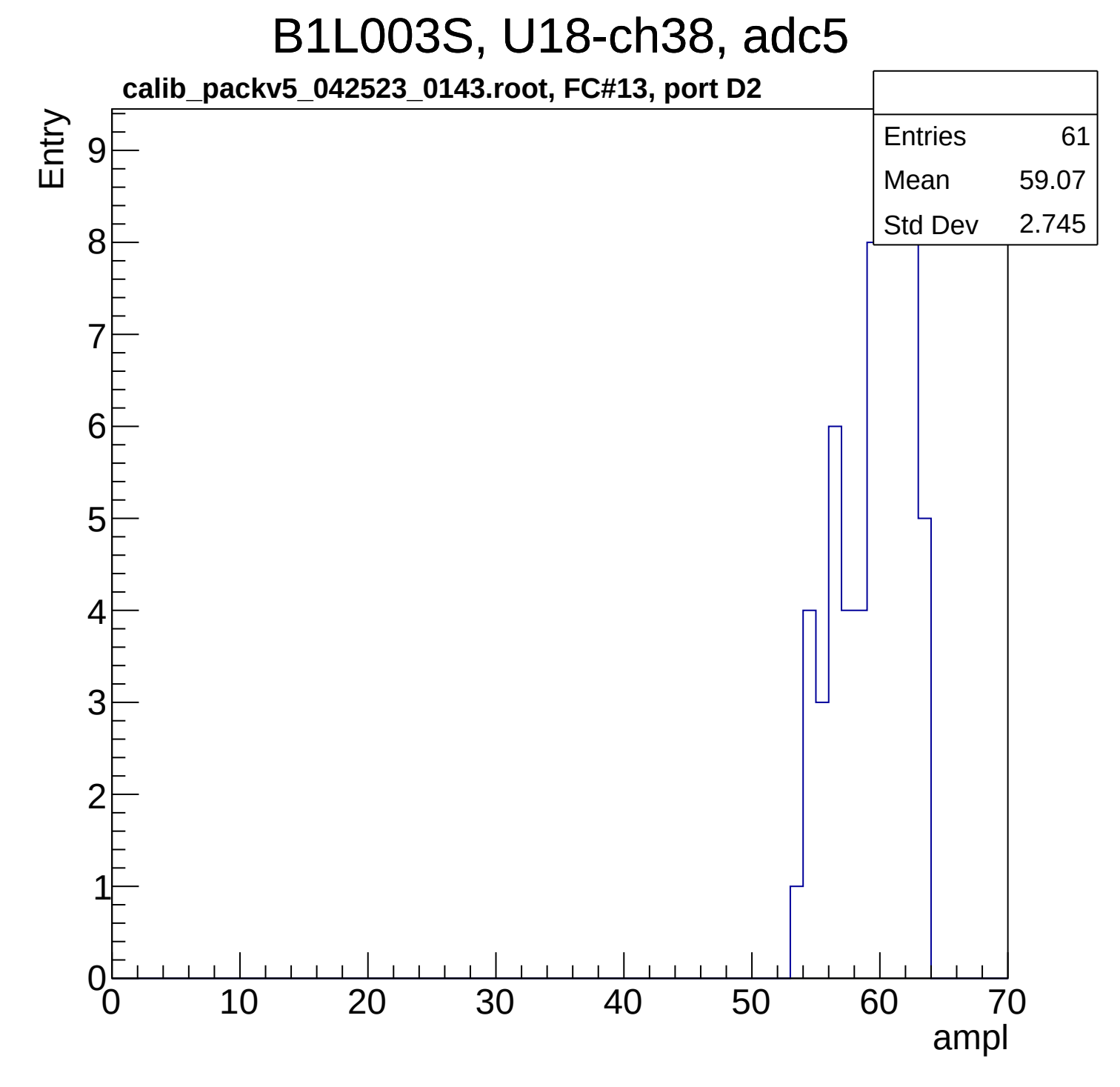

B1L003S, U18-ch38, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 28.61
Std Dev 5.956
Gaus mean : 30.0387
Gaus Width: 3.6378
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

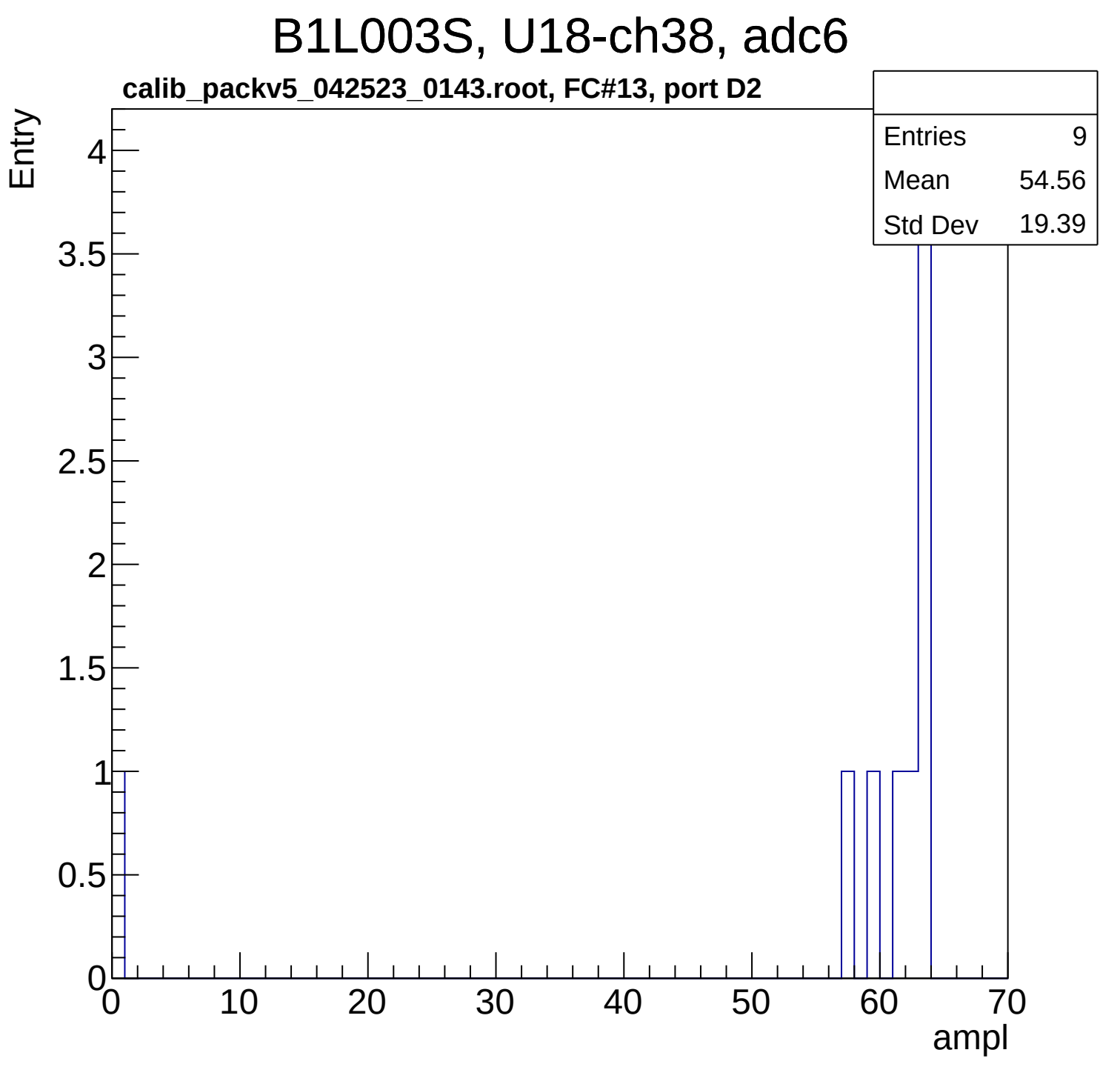

B1L003S, U18-ch38, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 36.25
Std Dev 3.068
Gaus mean : 35.9291
Gaus Width: 3.0375
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

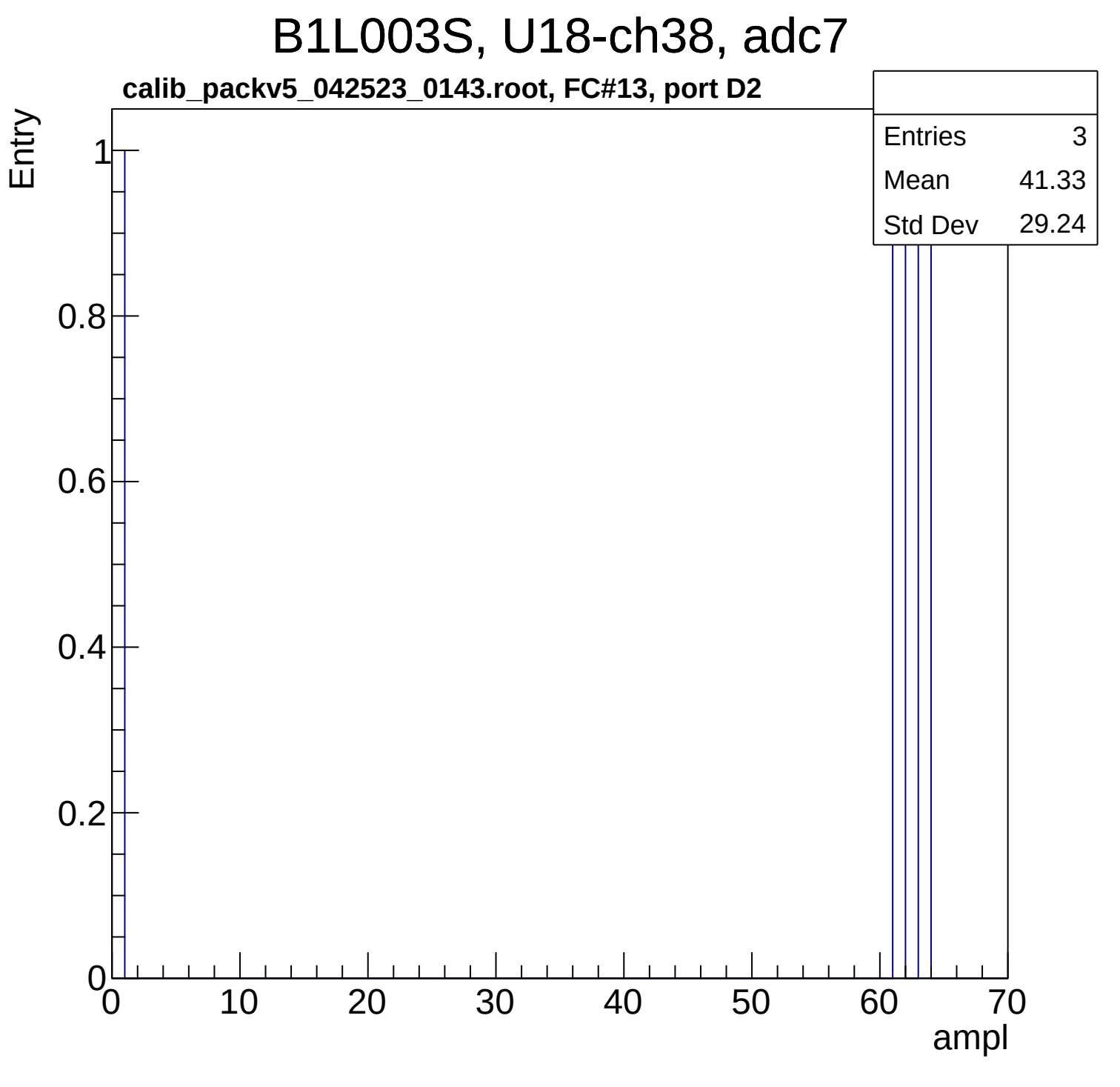

B1L003S, U18-ch38, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 42.21
Std Dev 3.305
Gaus mean : 42.3986
Gaus Width: 3.1631
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

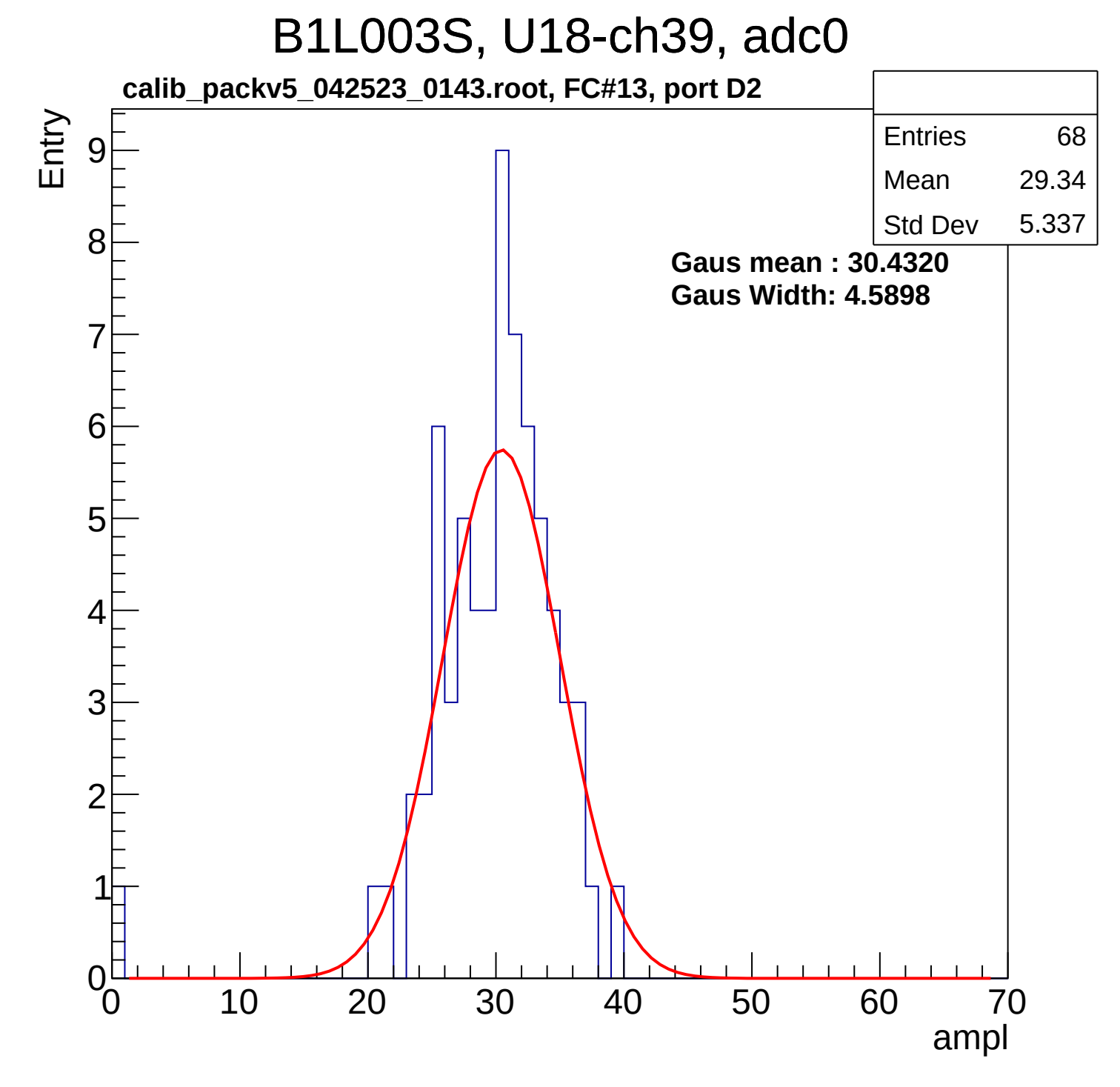

B1L003S, U18-ch38, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 48.07
Std Dev 3.695
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

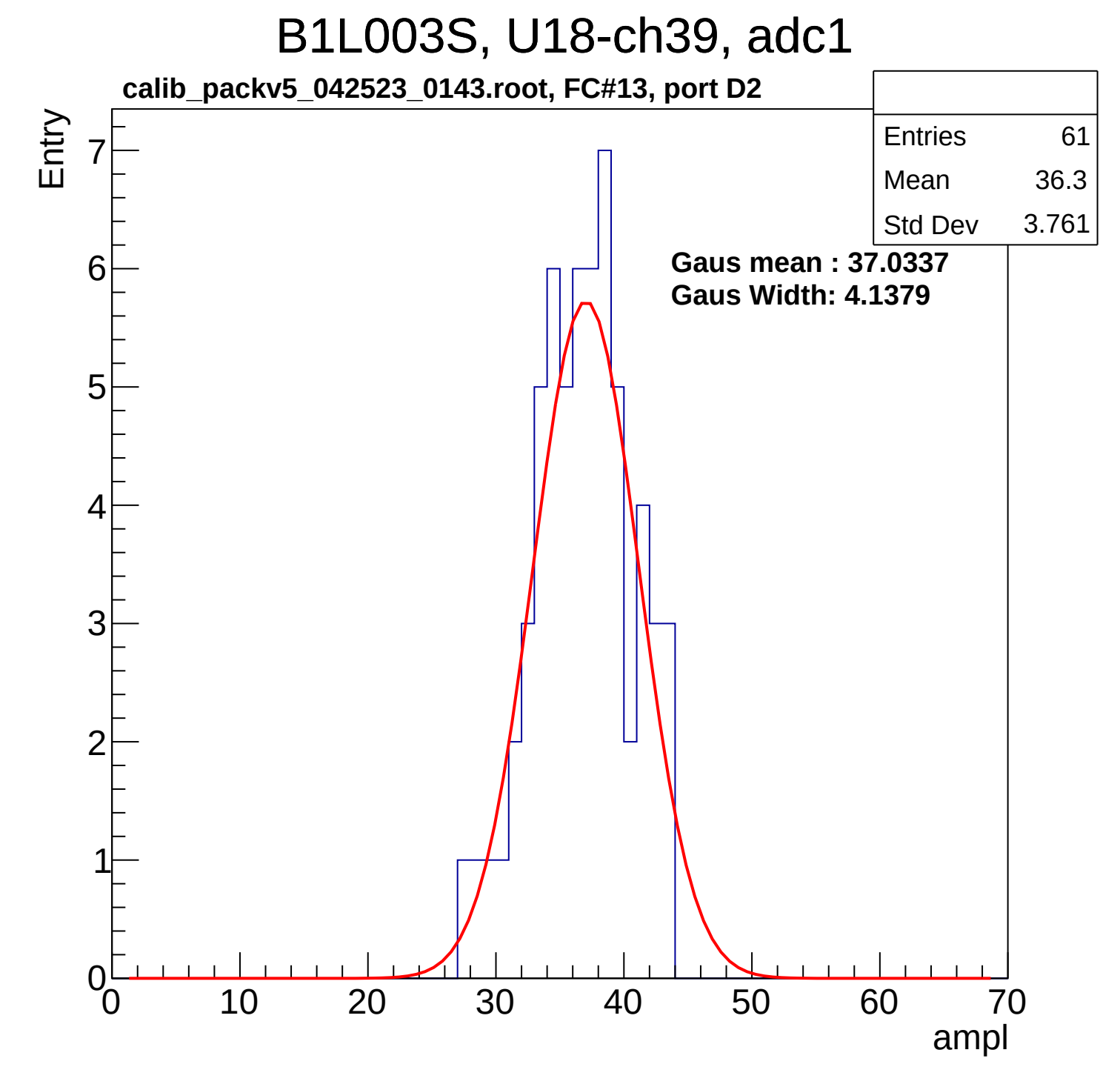

B1L003S, U18-ch38, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 53.88
Std Dev 3.107
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

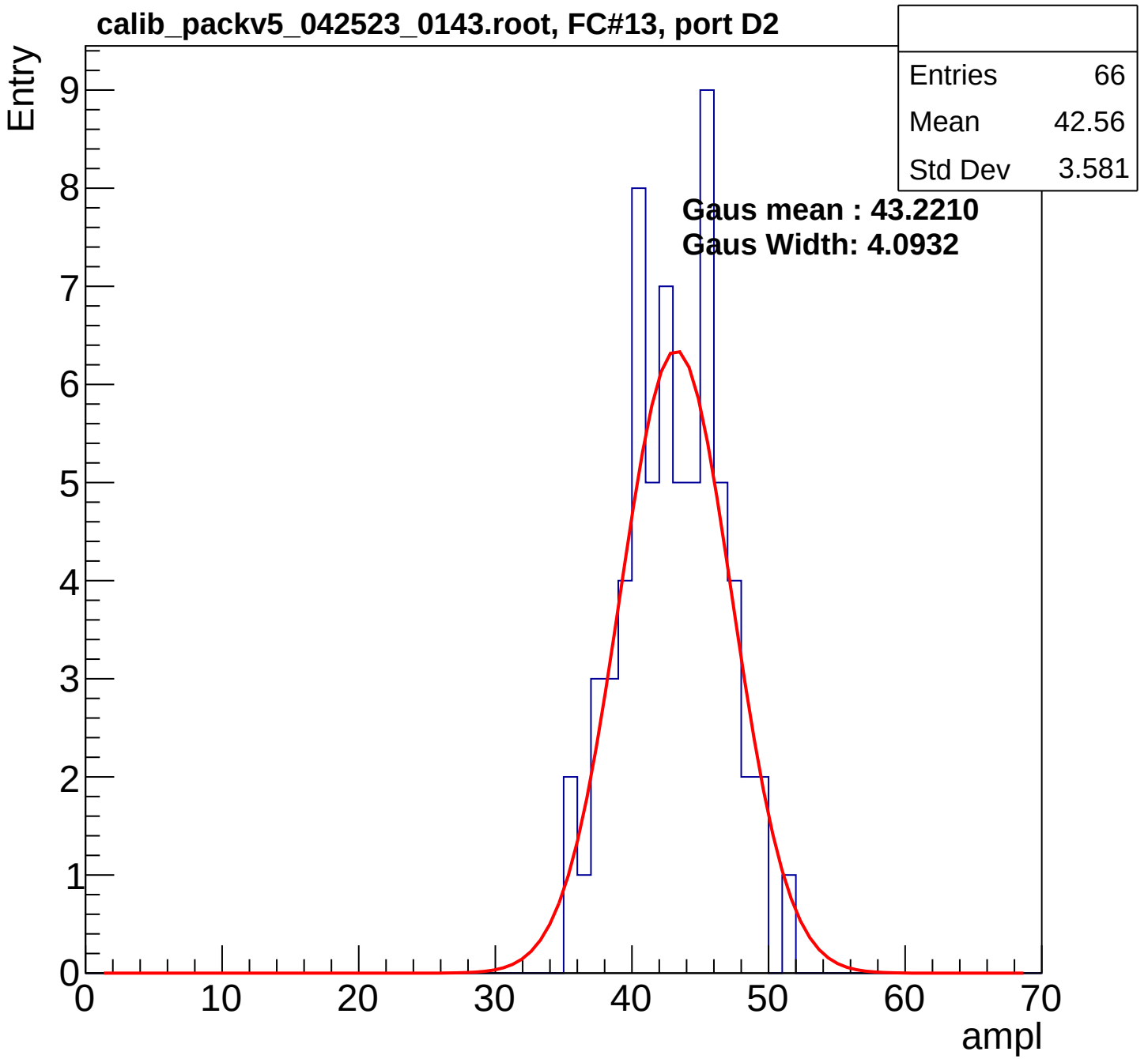

B1L003S, U18-ch38, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 59.07
Std Dev 2.745
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

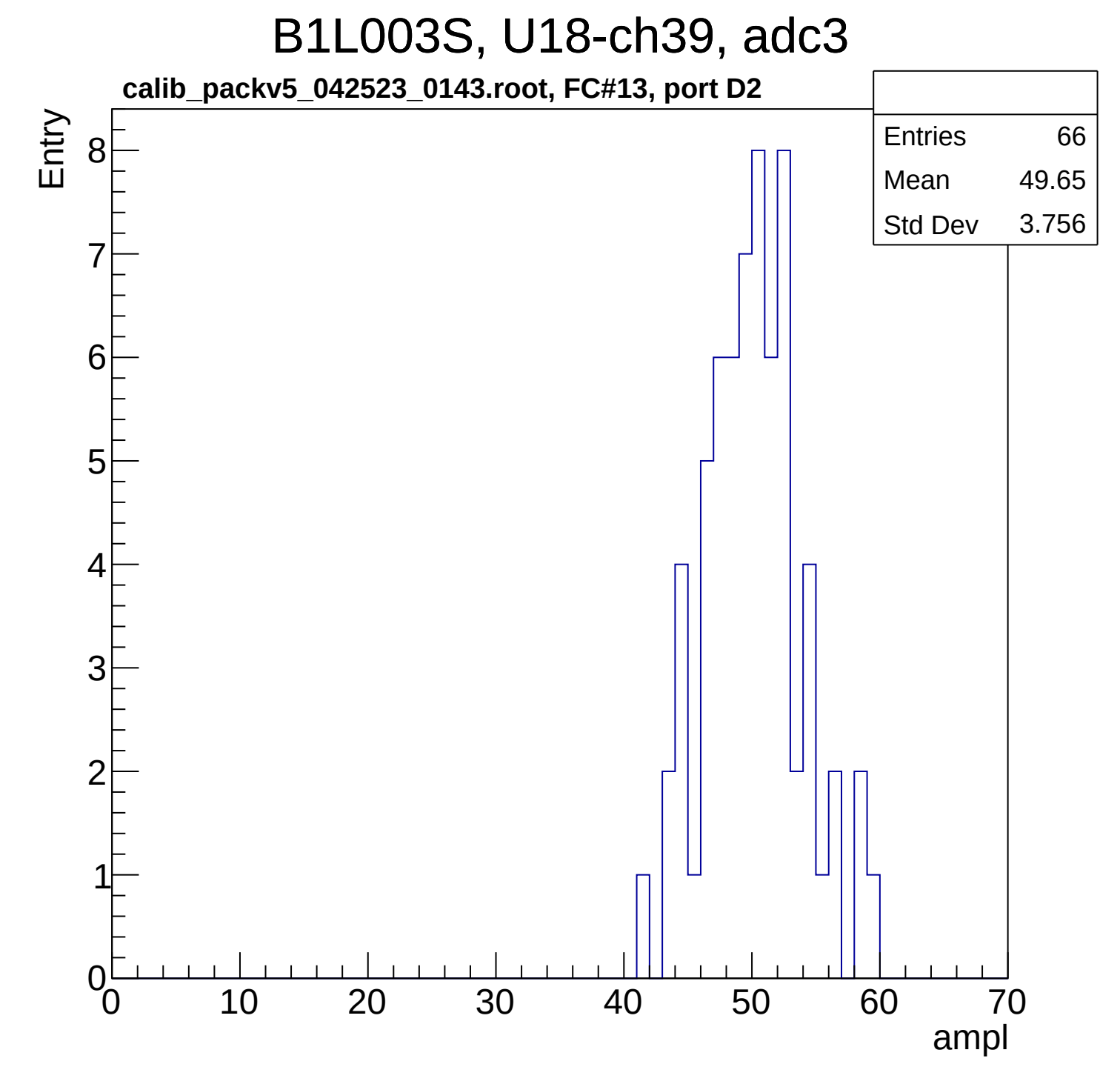

B1L003S, U18-ch38, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 54.56
Std Dev 19.39
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

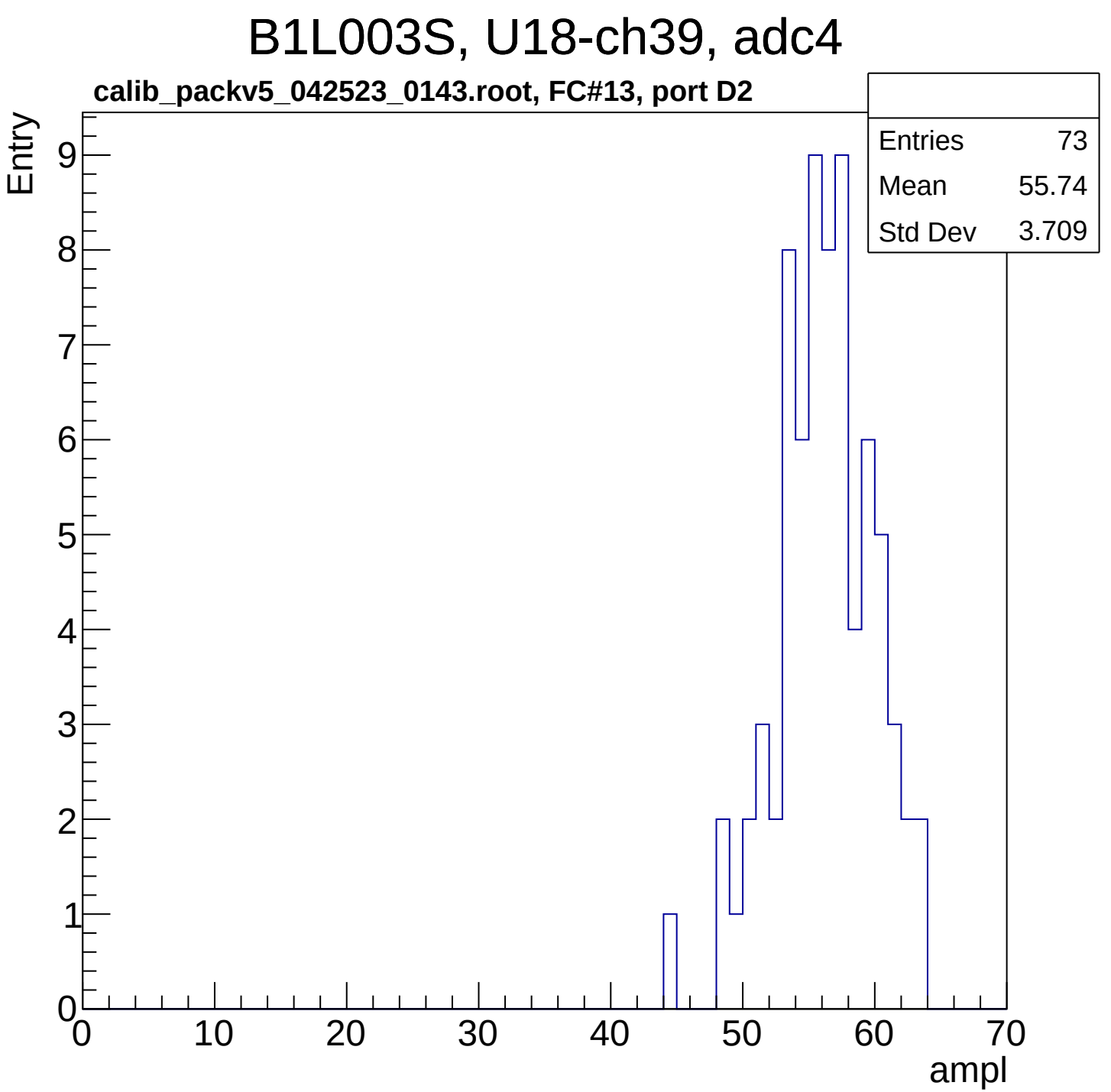

B1L003S, U18-ch38, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 41.33
Std Dev 29.24
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

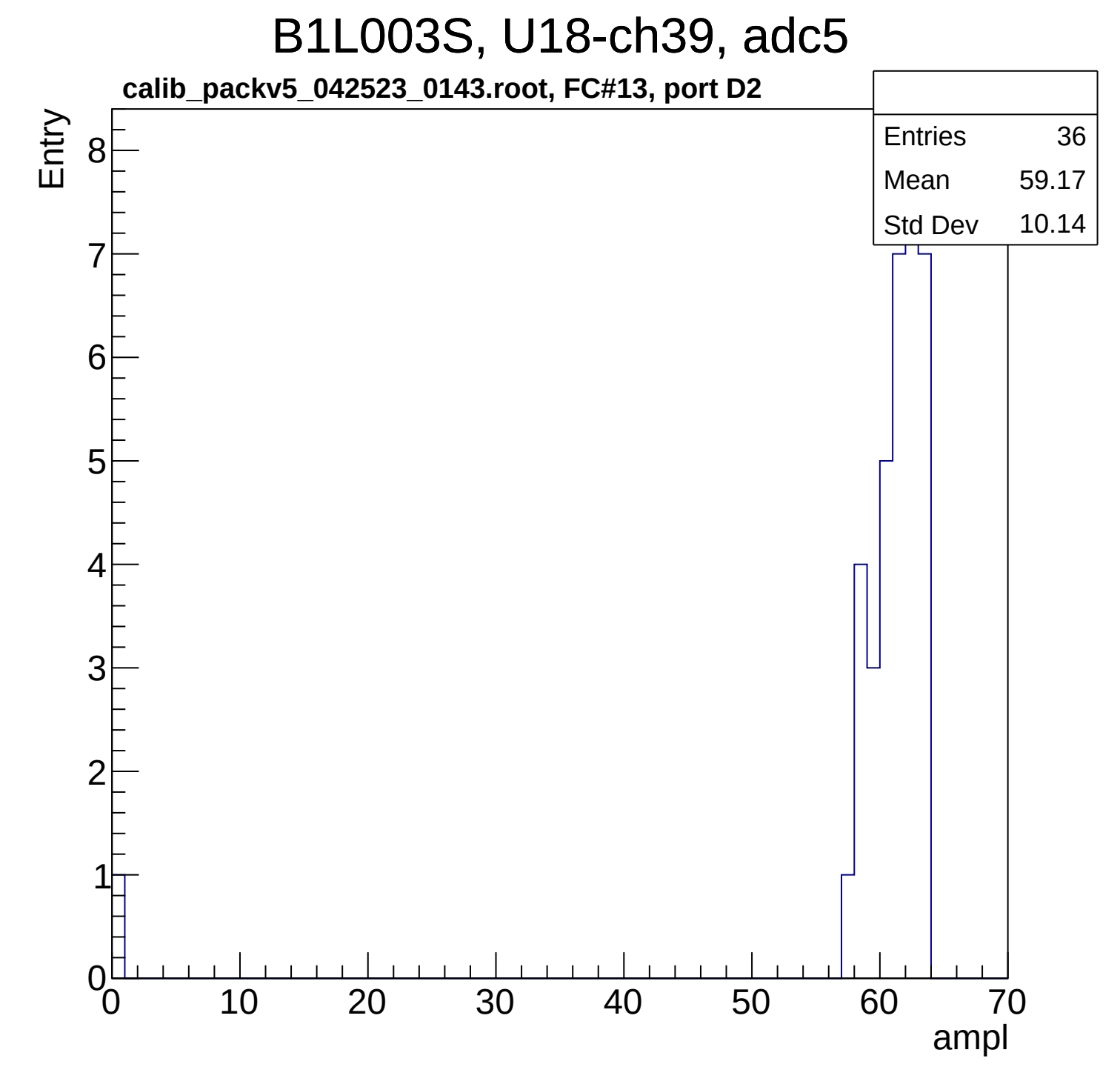

B1L003S, U18-ch39, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 29.34
Std Dev 5.337
Gaus mean : 30.4320
Gaus Width: 4.5898
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

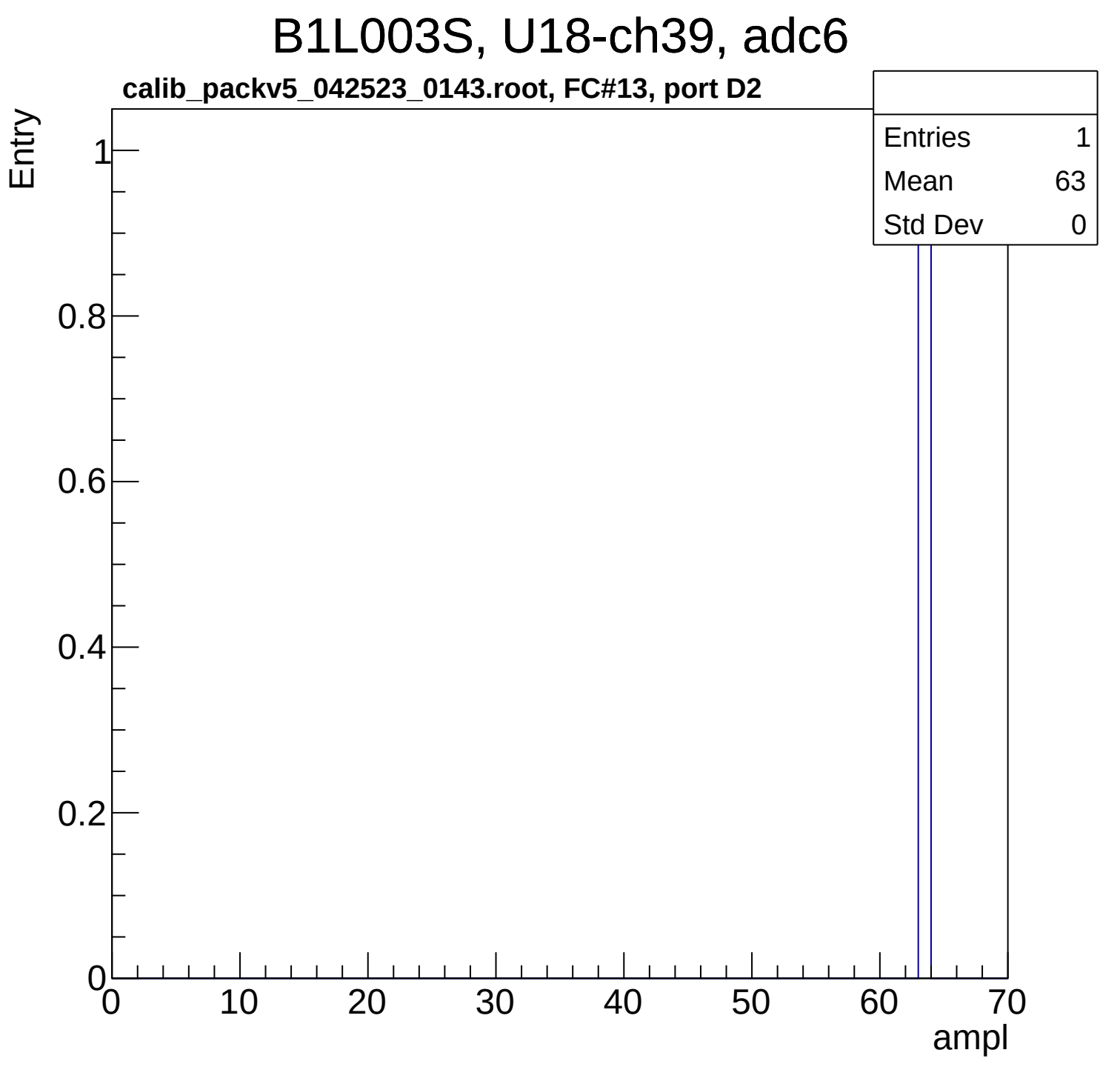

B1L003S, U18-ch39, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 36.3
Std Dev 3.761
Gaus mean : 37.0337
Gaus Width: 4.1379
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

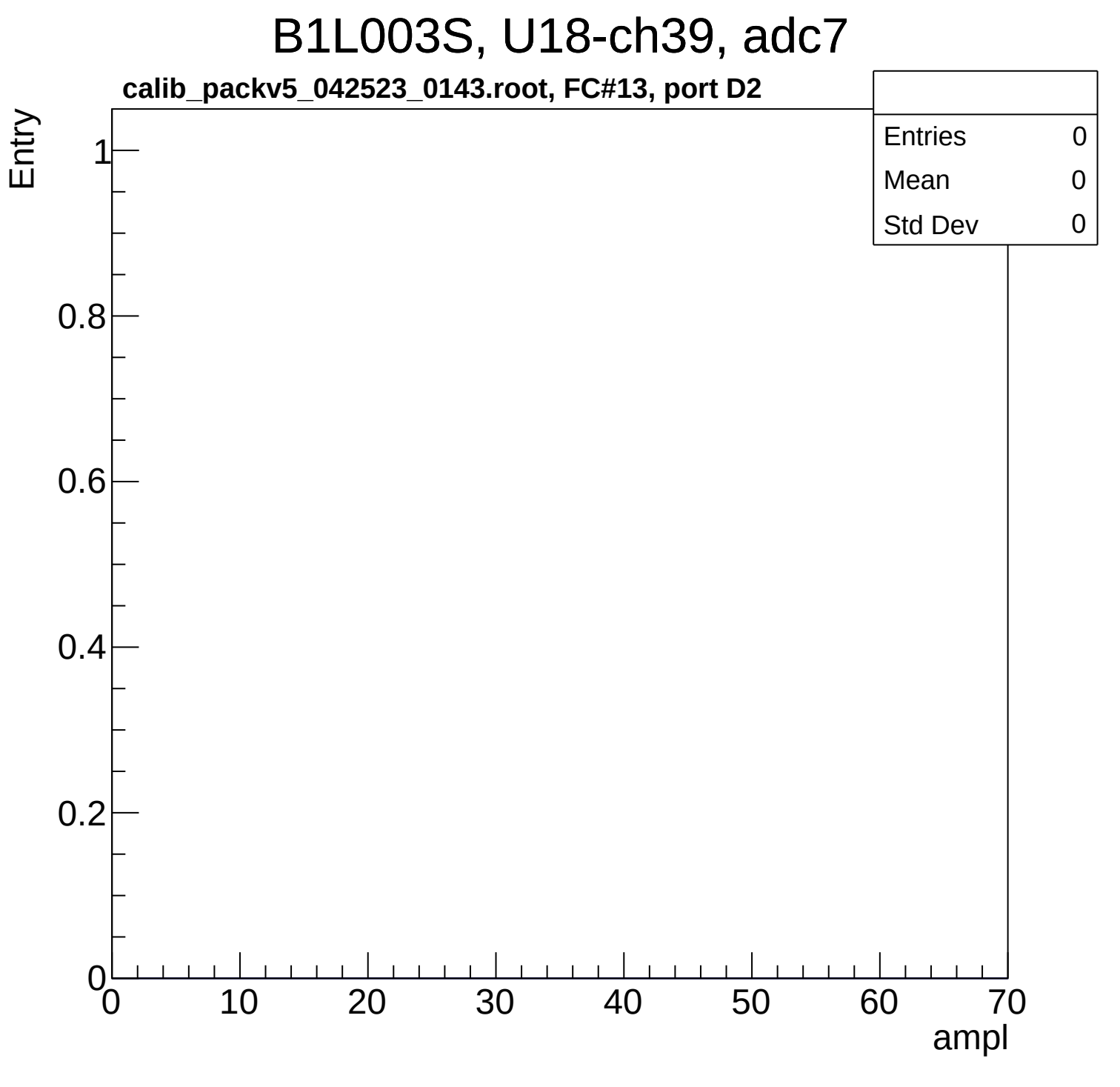

B1L003S, U18-ch39, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 42.56
Std Dev 3.581
Gaus mean : 43.2210
Gaus Width: 4.0932
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

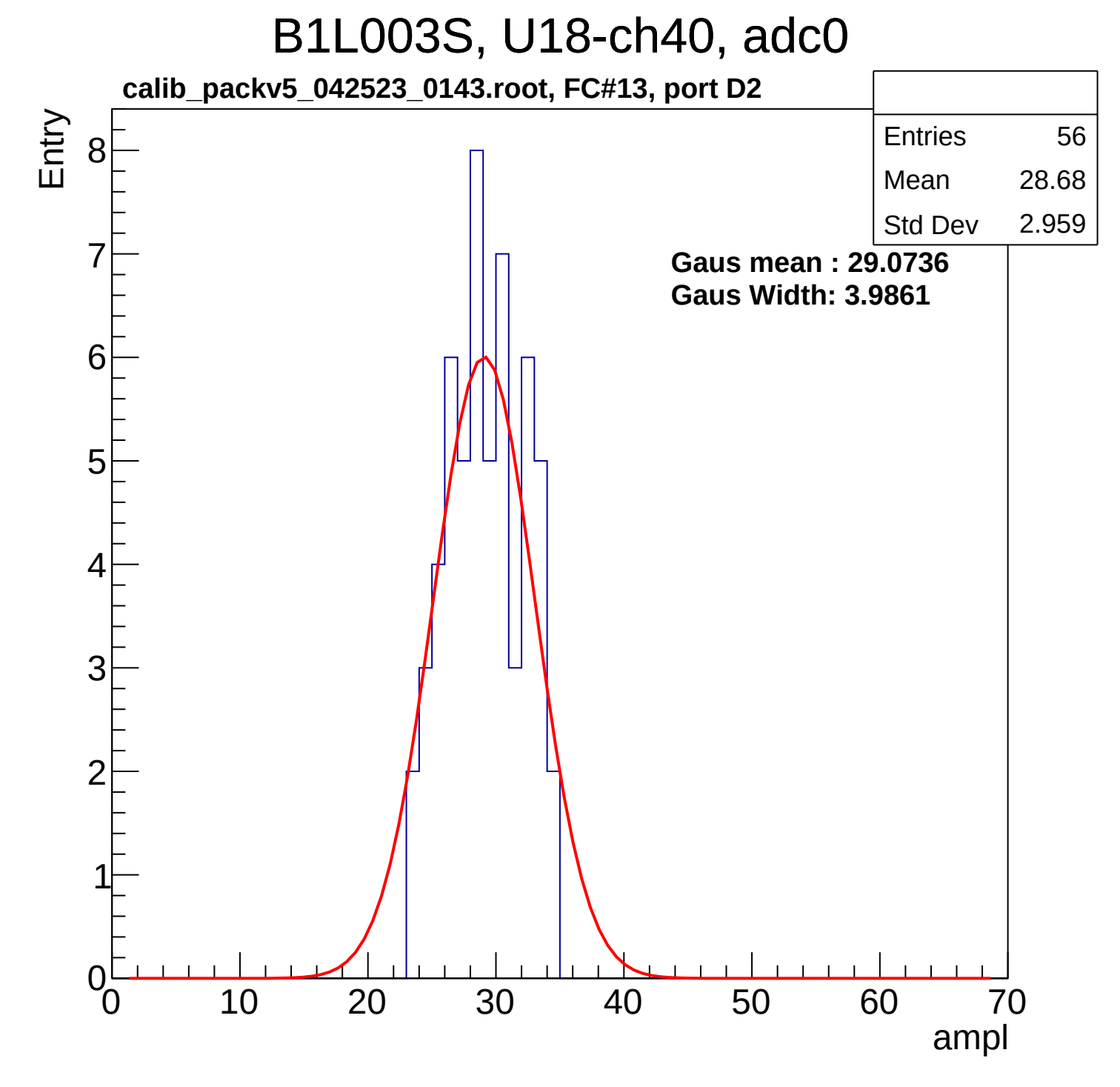

B1L003S, U18-ch39, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 49.65
Std Dev 3.756
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

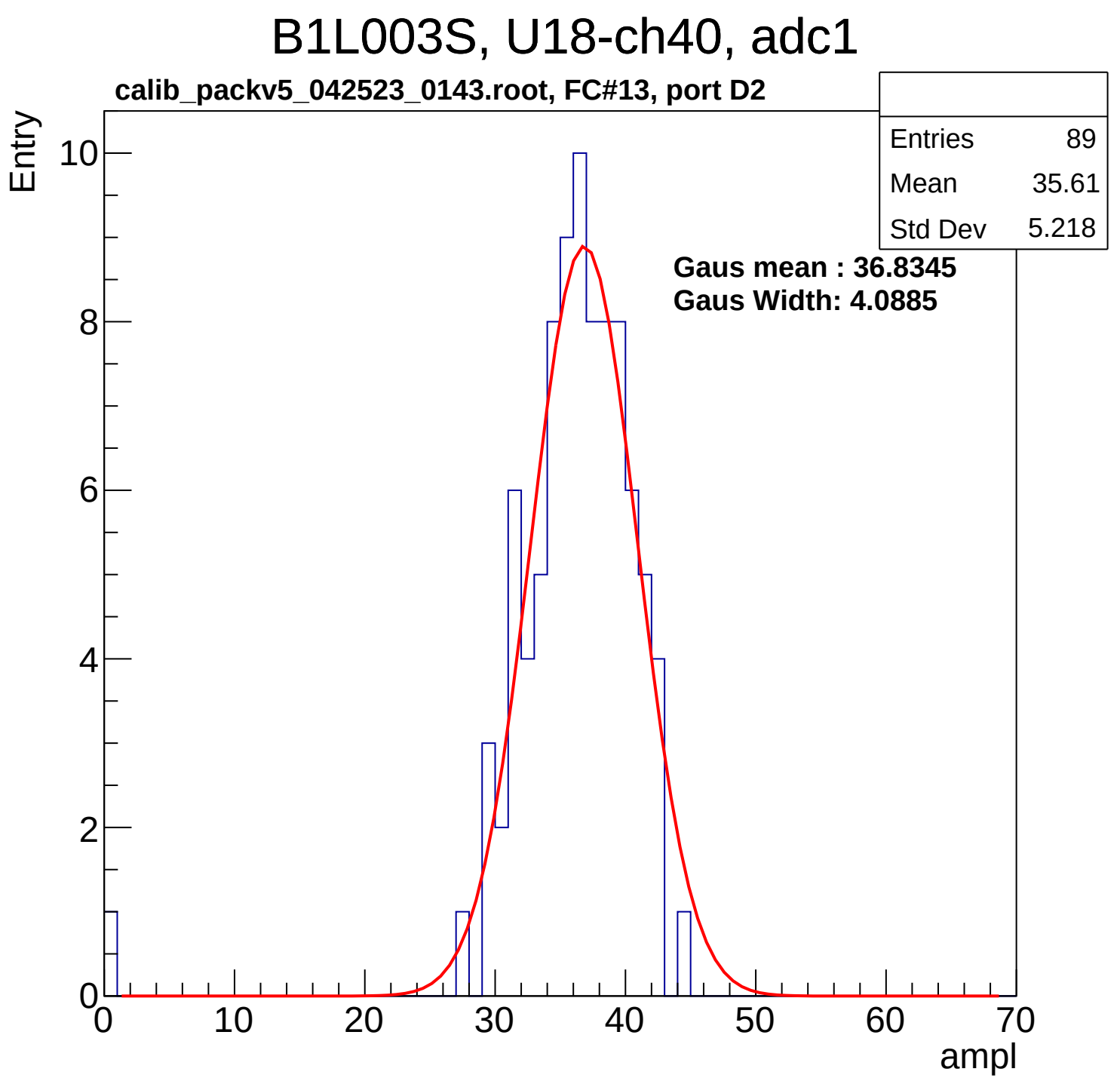

B1L003S, U18-ch39, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 55.74
Std Dev 3.709
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

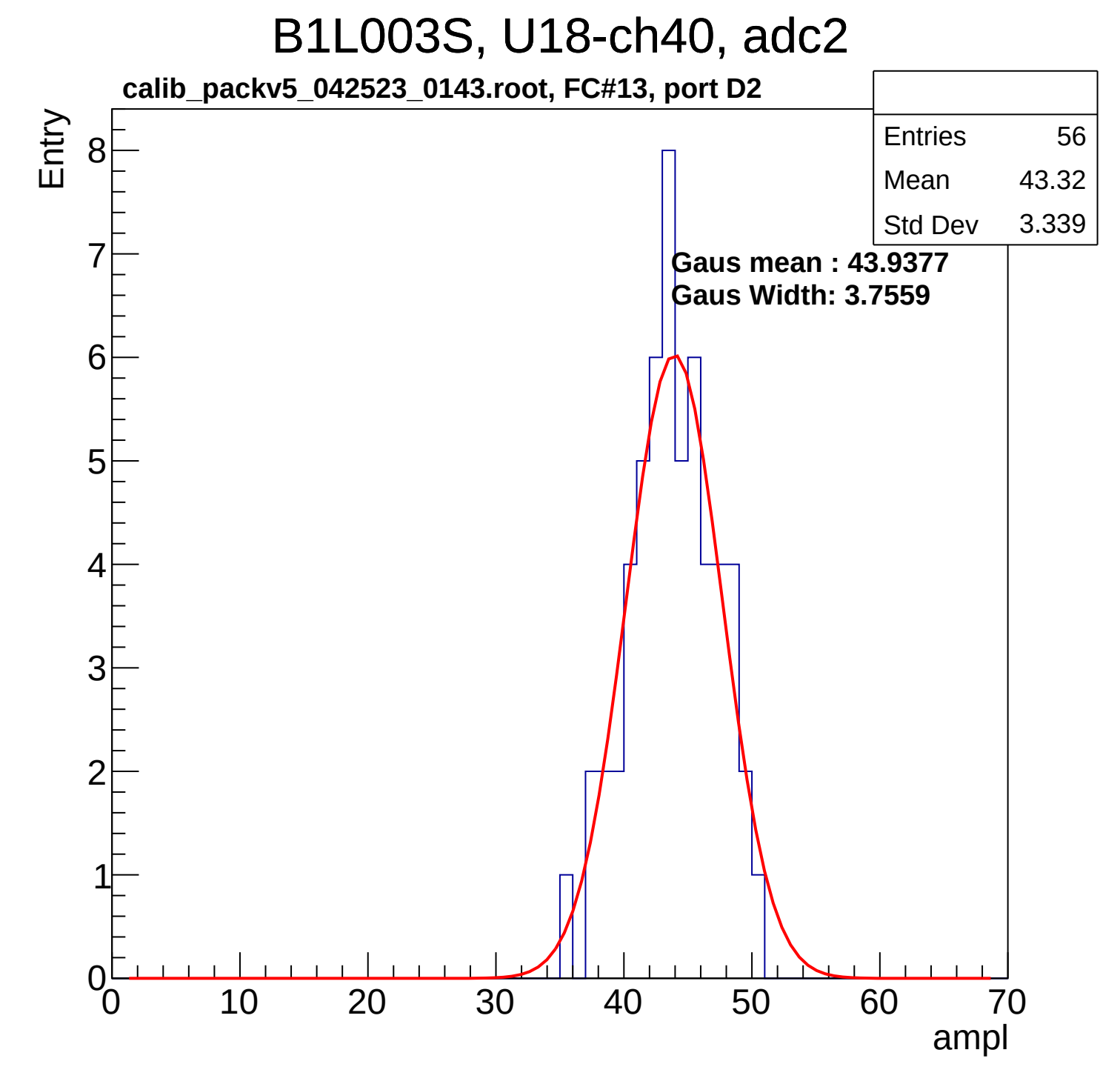

B1L003S, U18-ch39, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 59.17
Std Dev 10.14
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

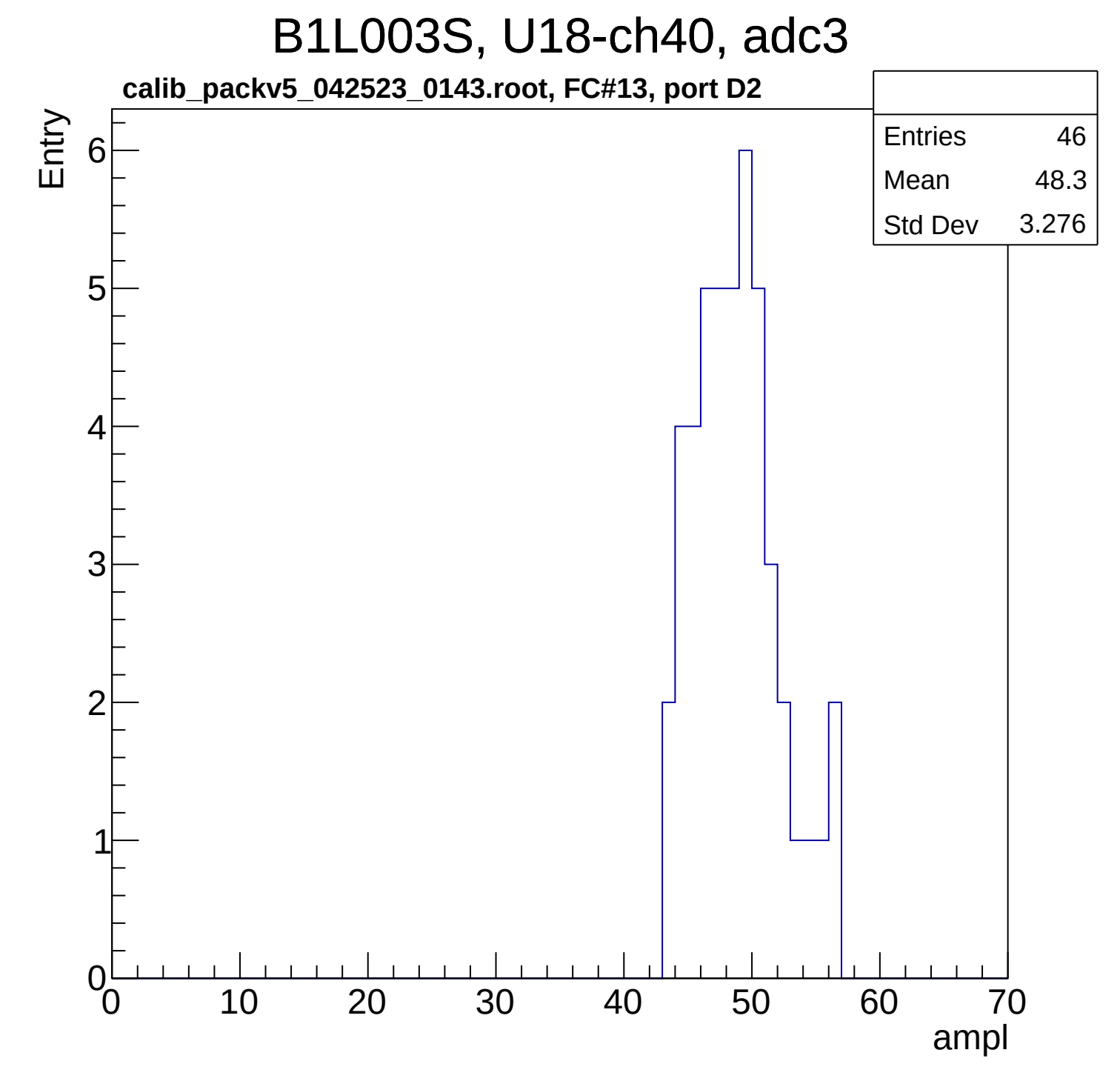

B1L003S, U18-ch39, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

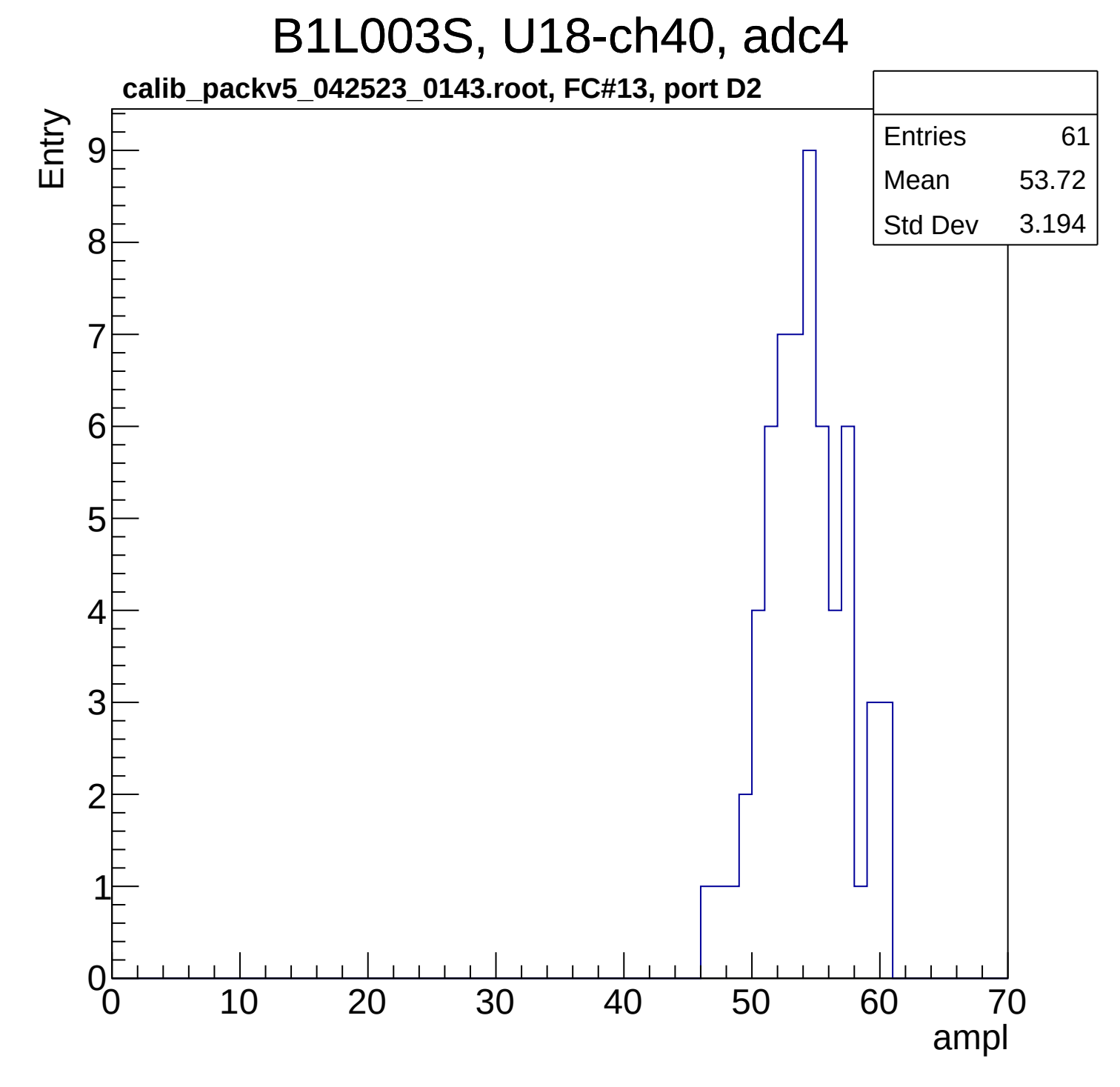

B1L003S, U18-ch39, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

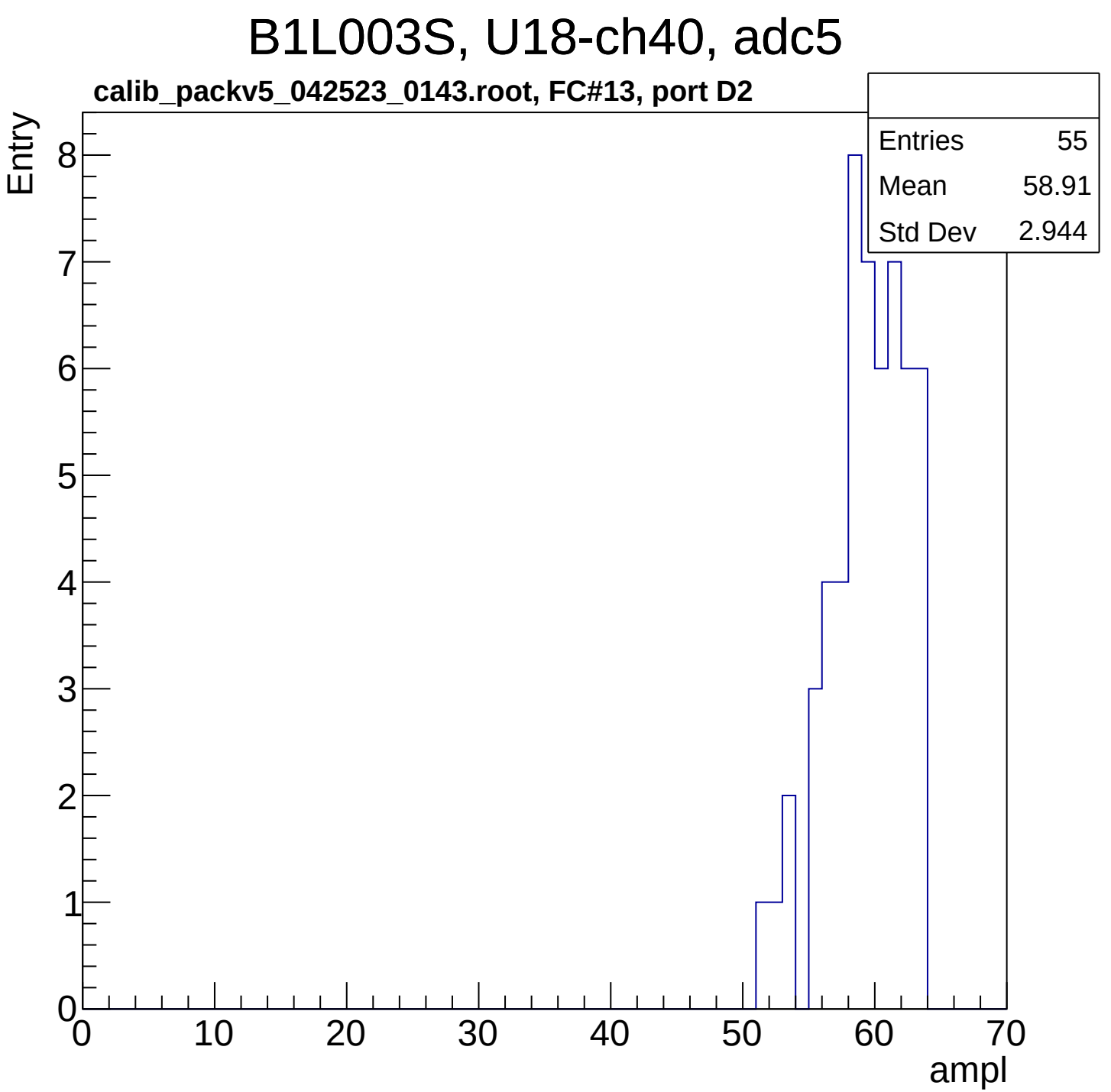

B1L003S, U18-ch40, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 28.68
Std Dev 2.959
Gaus mean : 29.0736
Gaus Width: 3.9861
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

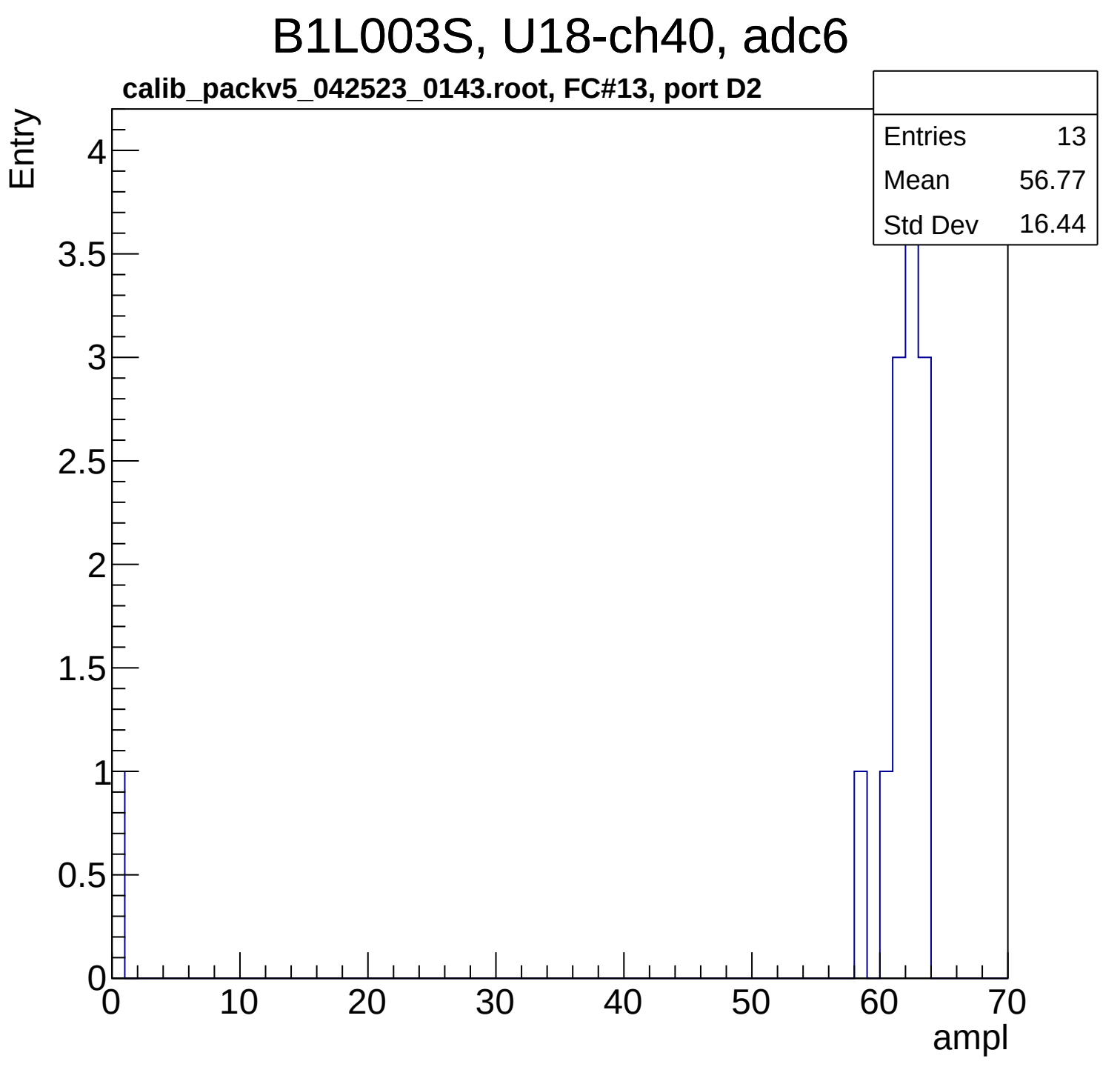

B1L003S, U18-ch40, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 89
Mean 35.61
Std Dev 5.218
Gaus mean : 36.8345
Gaus Width: 4.0885
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

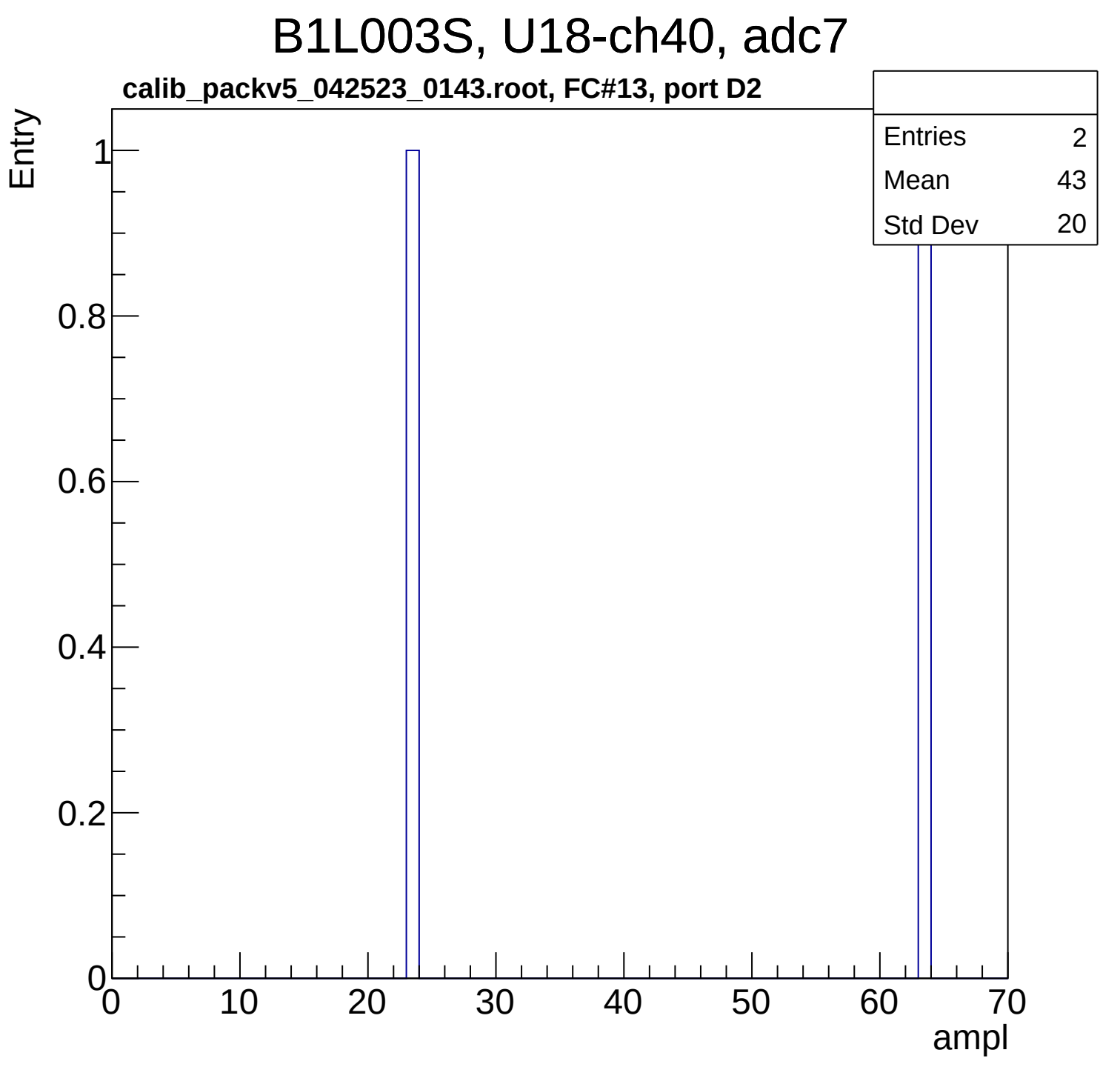

B1L003S, U18-ch40, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 43.32
Std Dev 3.339
Gaus mean : 43.9377
Gaus Width: 3.7559
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

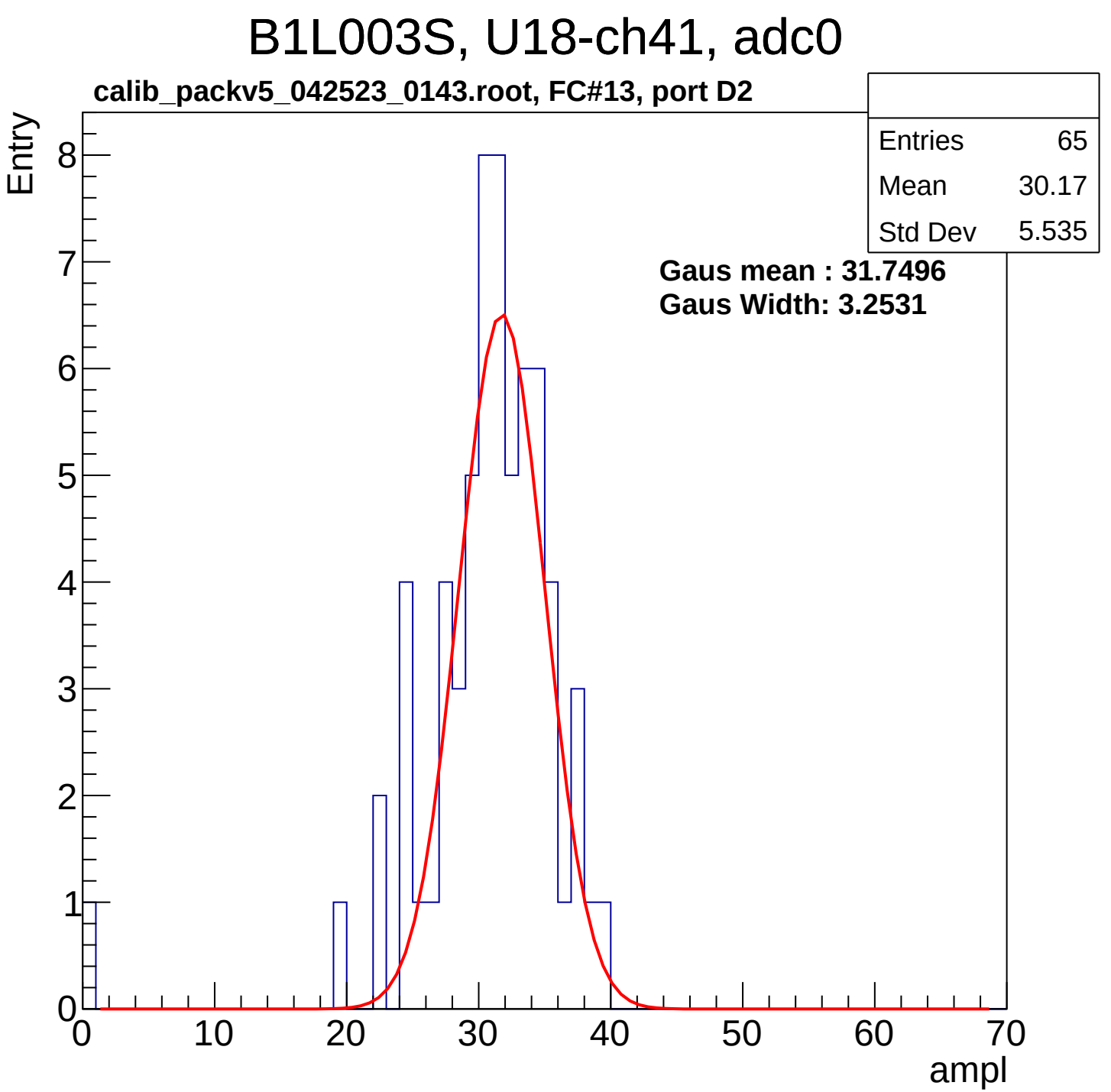

B1L003S, U18-ch40, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 48.3
Std Dev 3.276
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

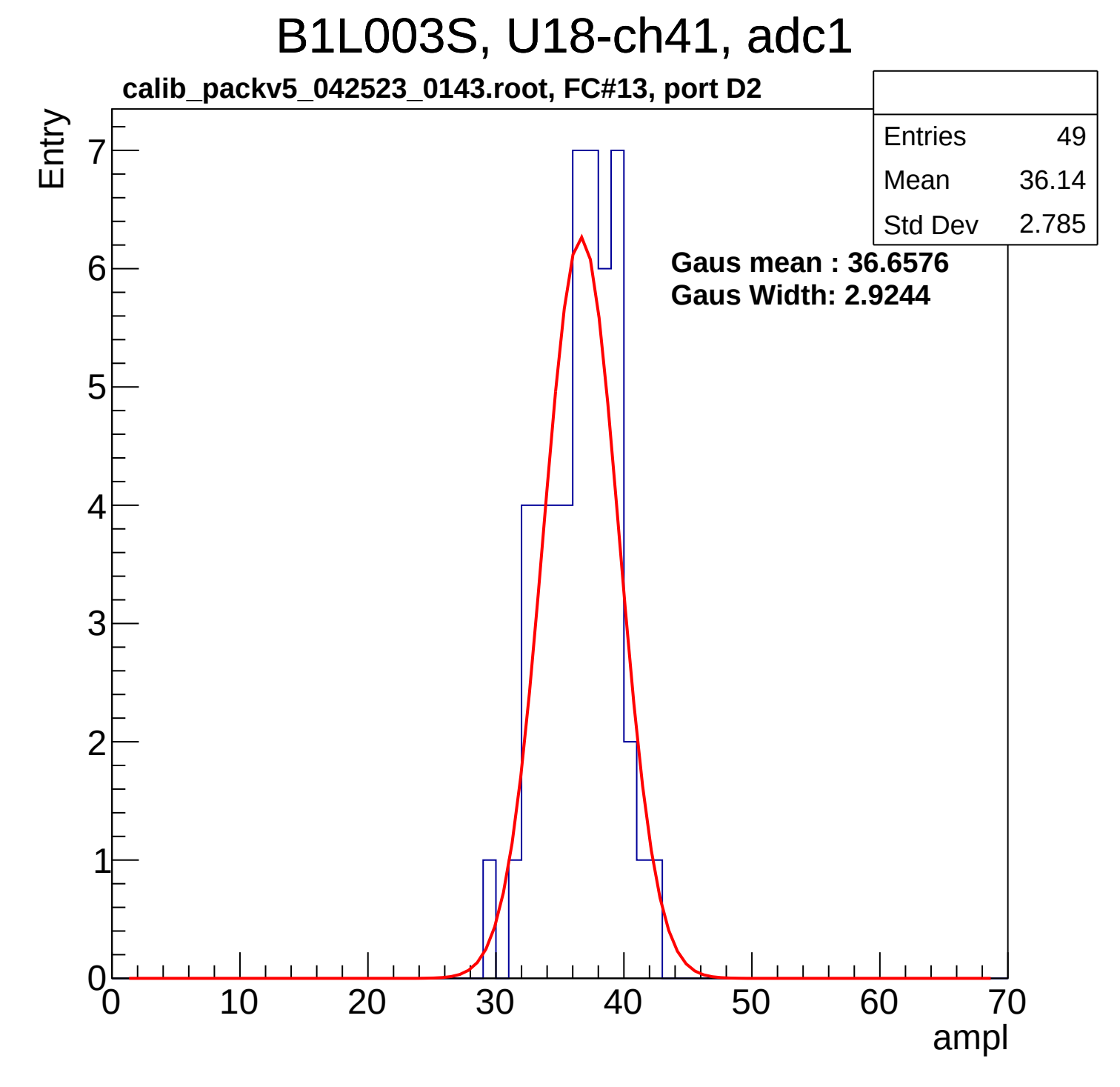

B1L003S, U18-ch40, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 53.72
Std Dev 3.194
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

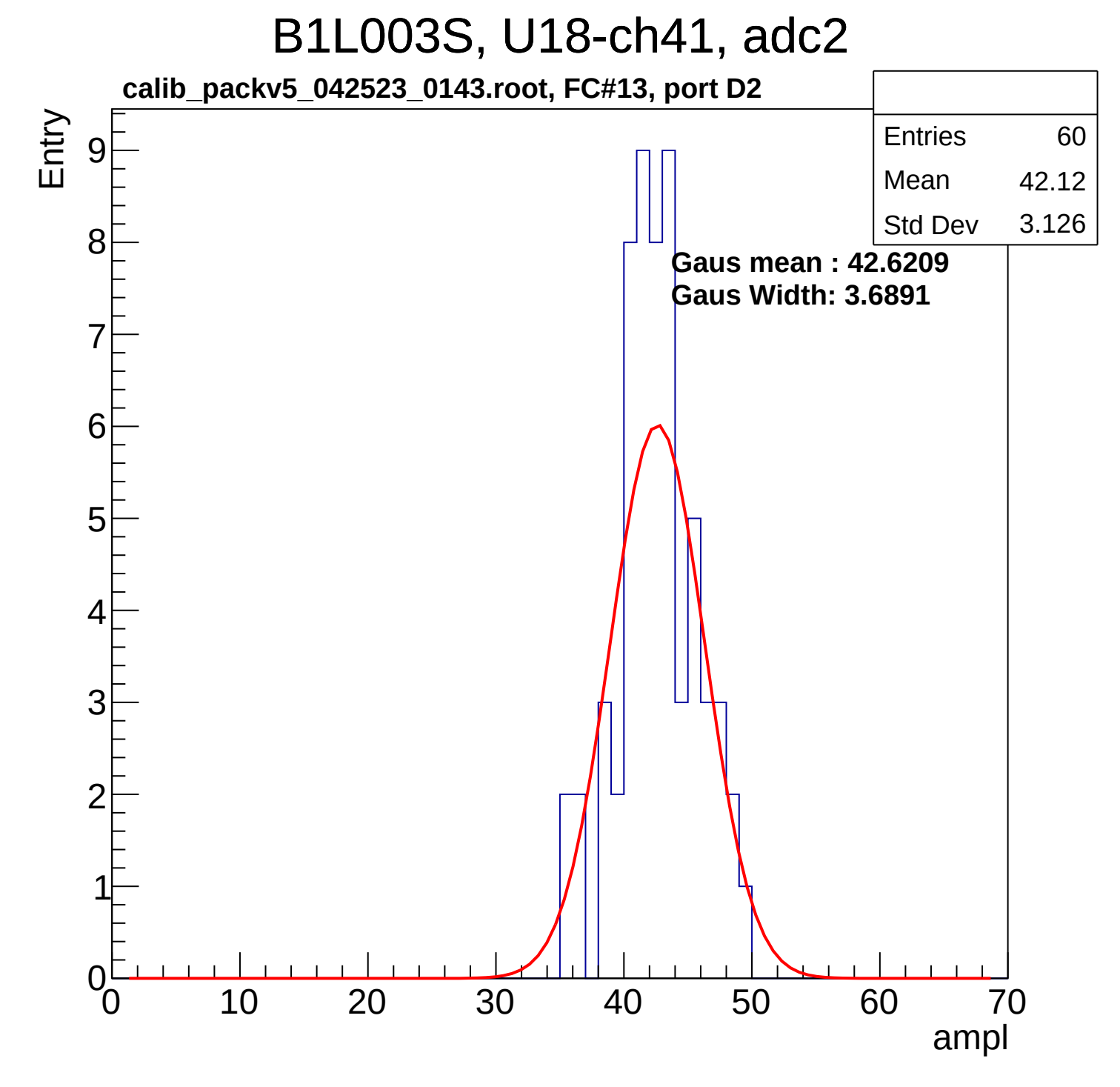

B1L003S, U18-ch40, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 58.91
Std Dev 2.944
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

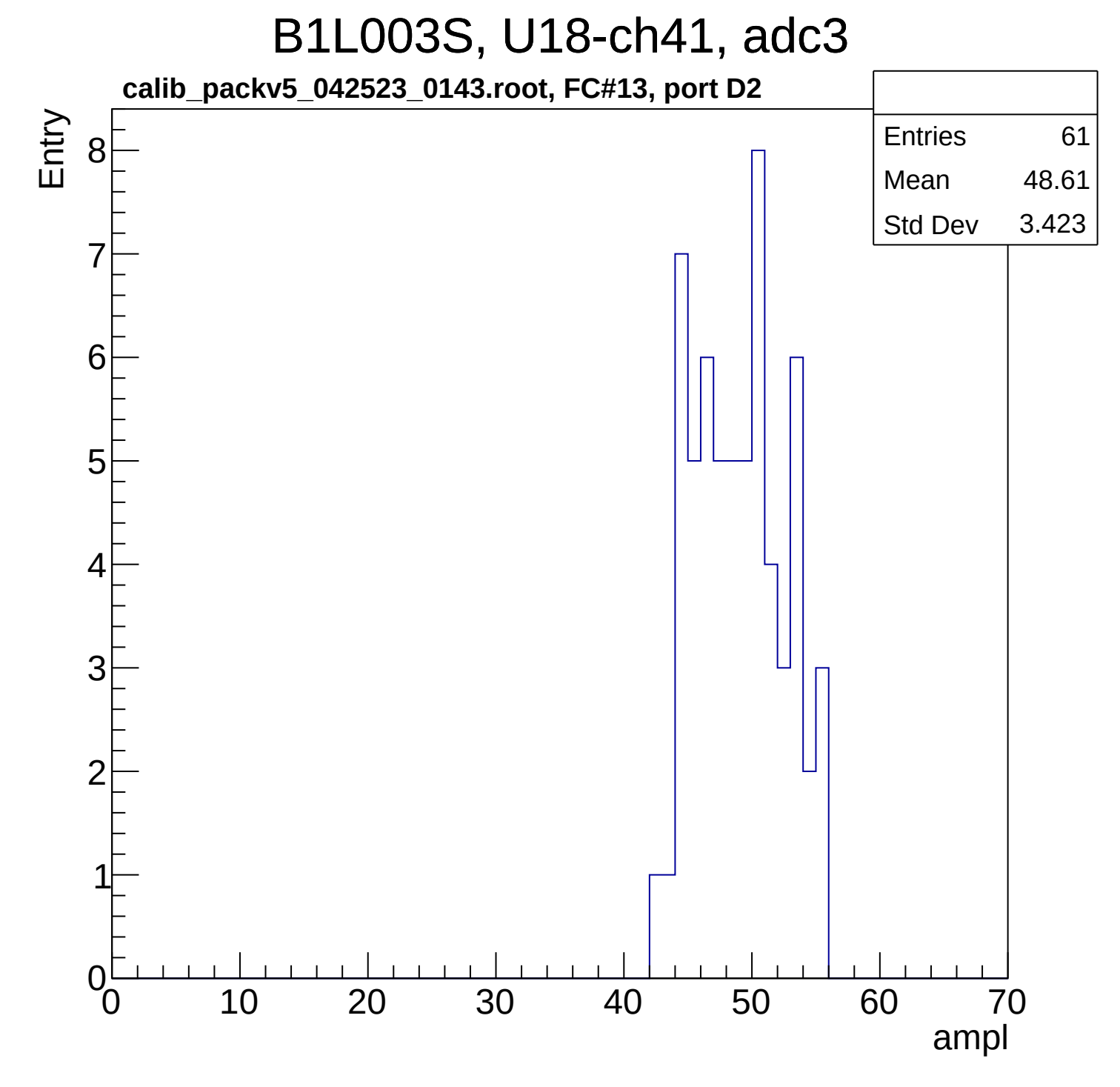

B1L003S, U18-ch40, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 56.77
Std Dev 16.44
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

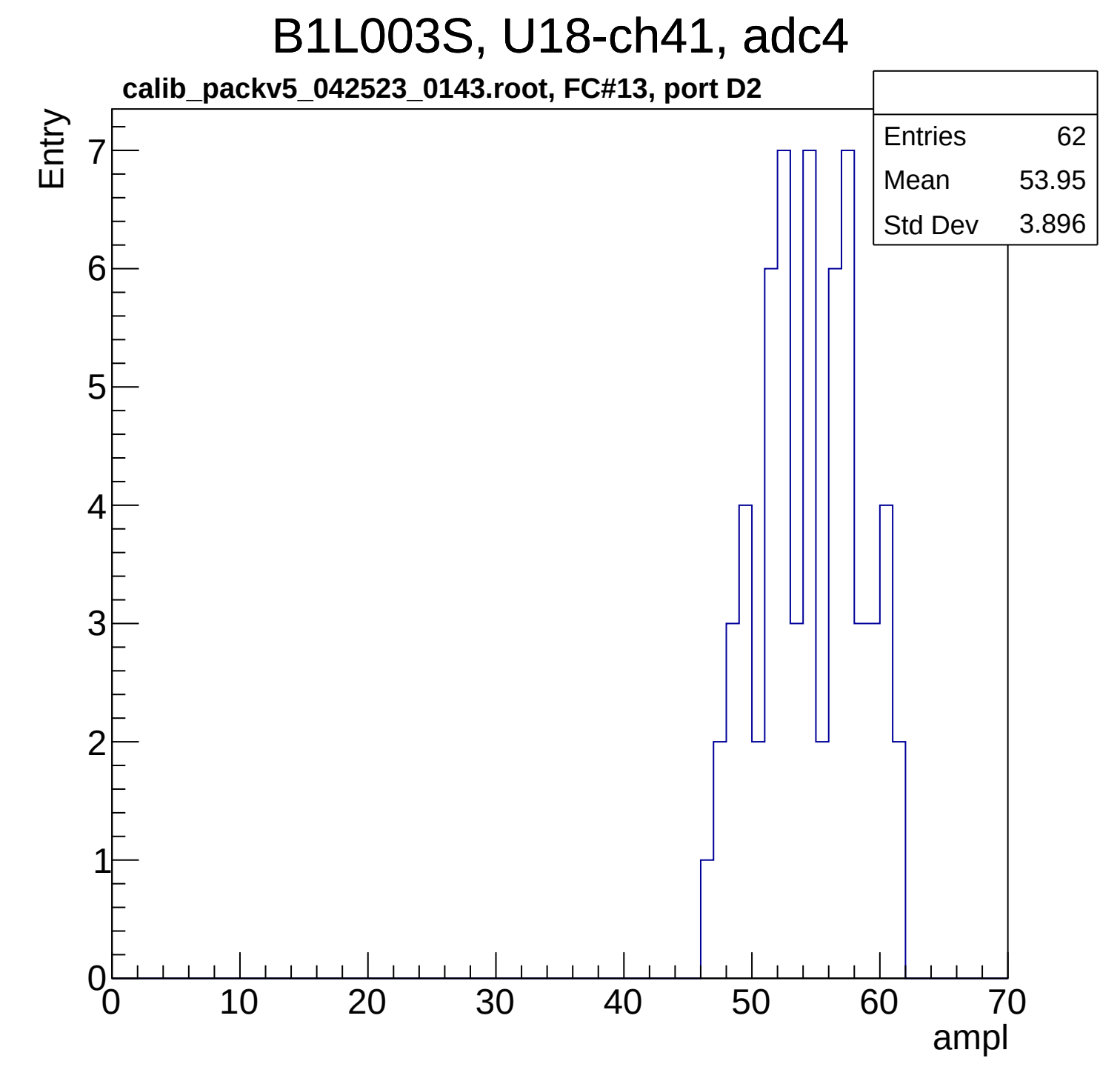

B1L003S, U18-ch40, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 43
Std Dev 20
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

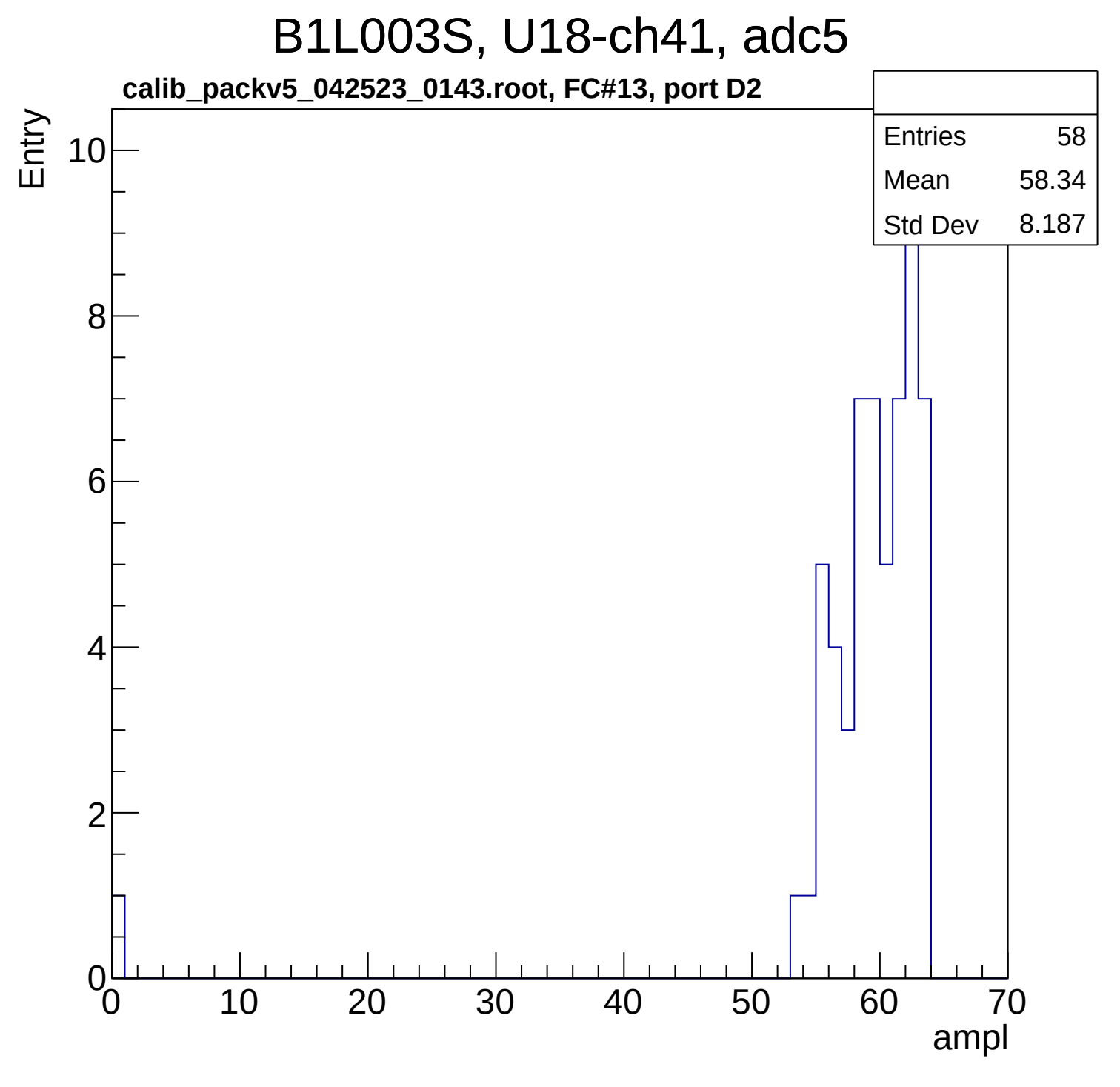

B1L003S, U18-ch41, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 30.17
Std Dev 5.535
Gaus mean : 31.7496
Gaus Width: 3.2531
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

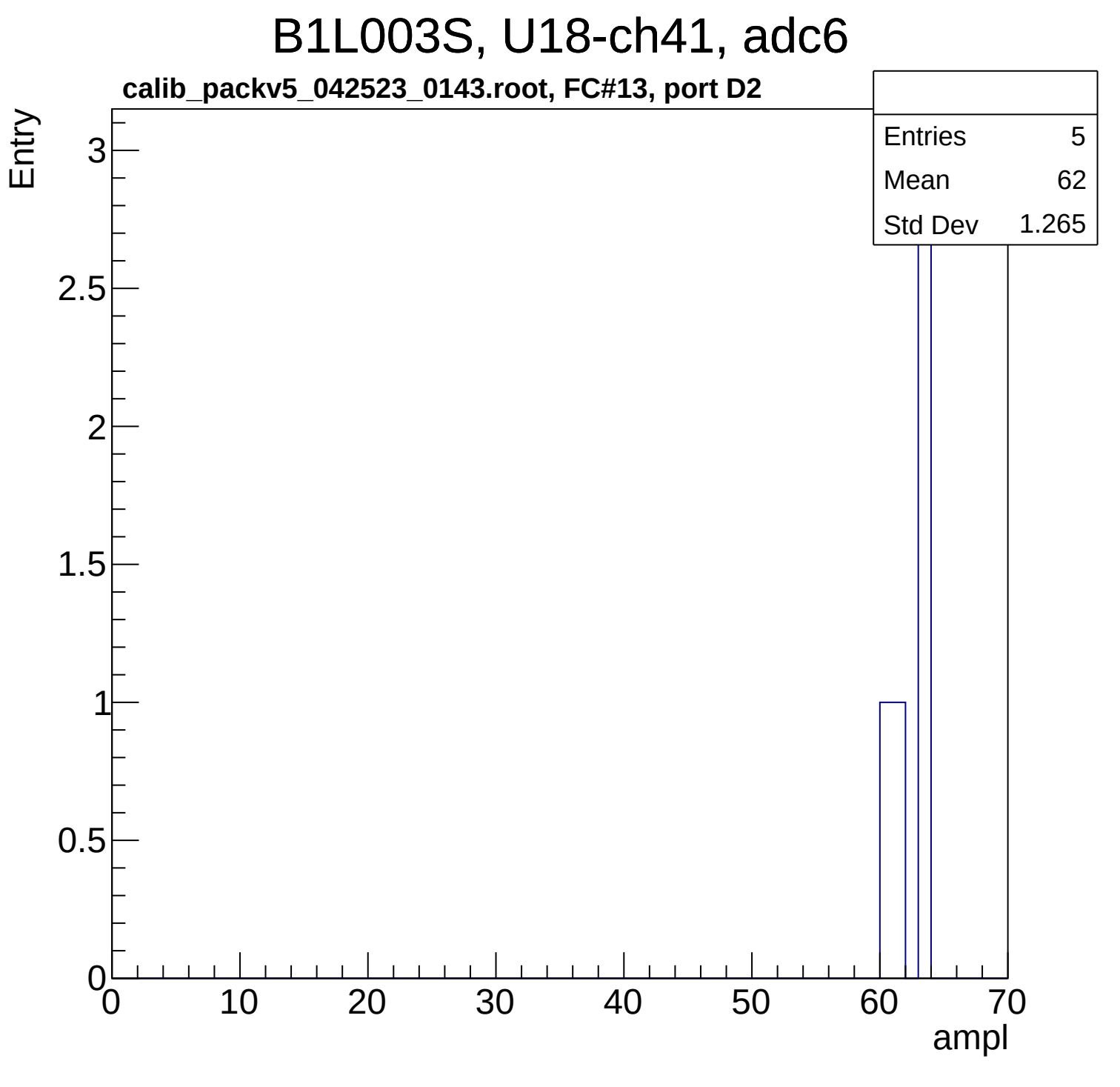

B1L003S, U18-ch41, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 36.14
Std Dev 2.785
Gaus mean : 36.6576
Gaus Width: 2.9244
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

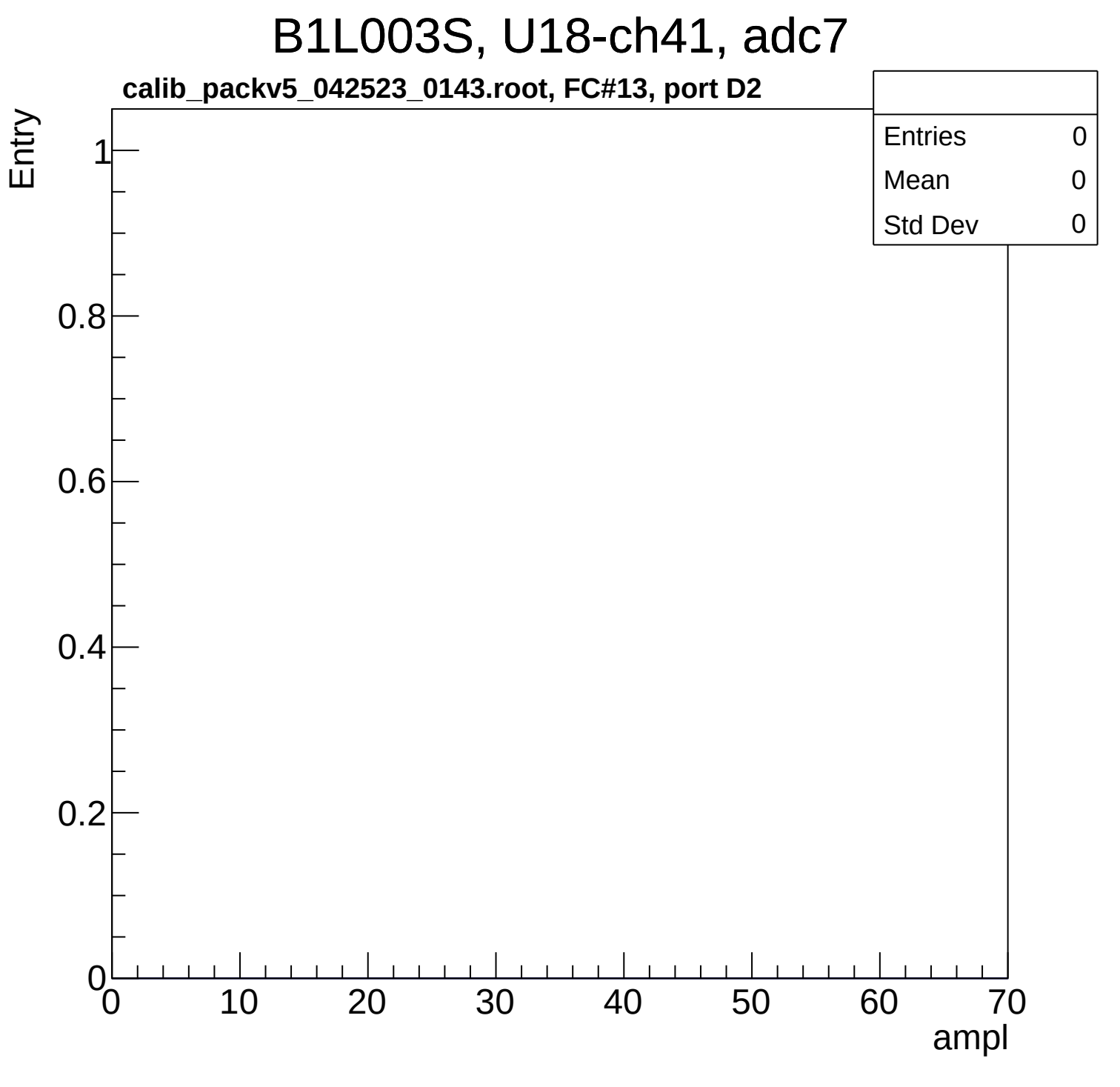

B1L003S, U18-ch41, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 42.12
Std Dev 3.126
Gaus mean : 42.6209
Gaus Width: 3.6891
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

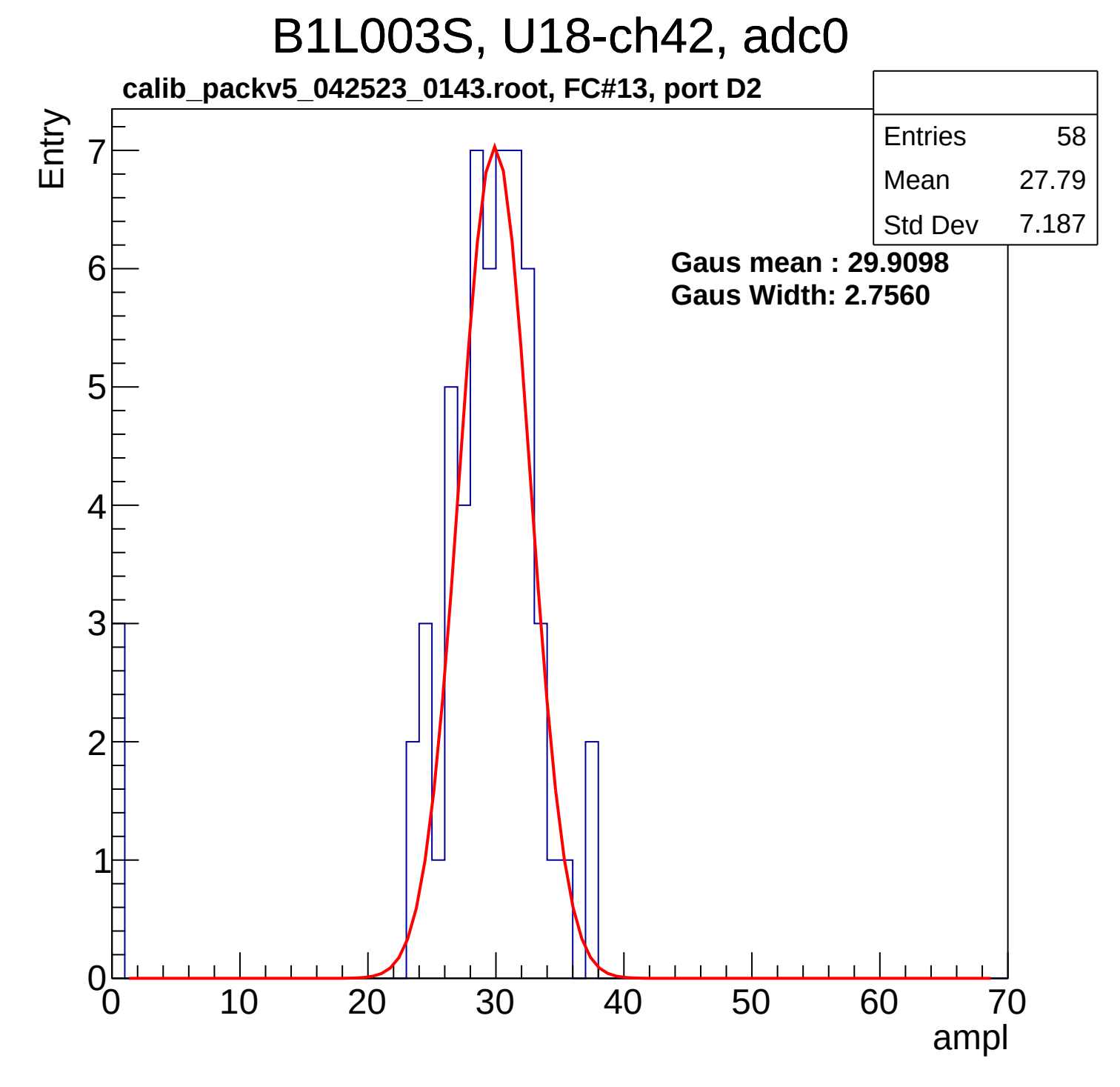

B1L003S, U18-ch41, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 48.61
Std Dev 3.423
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

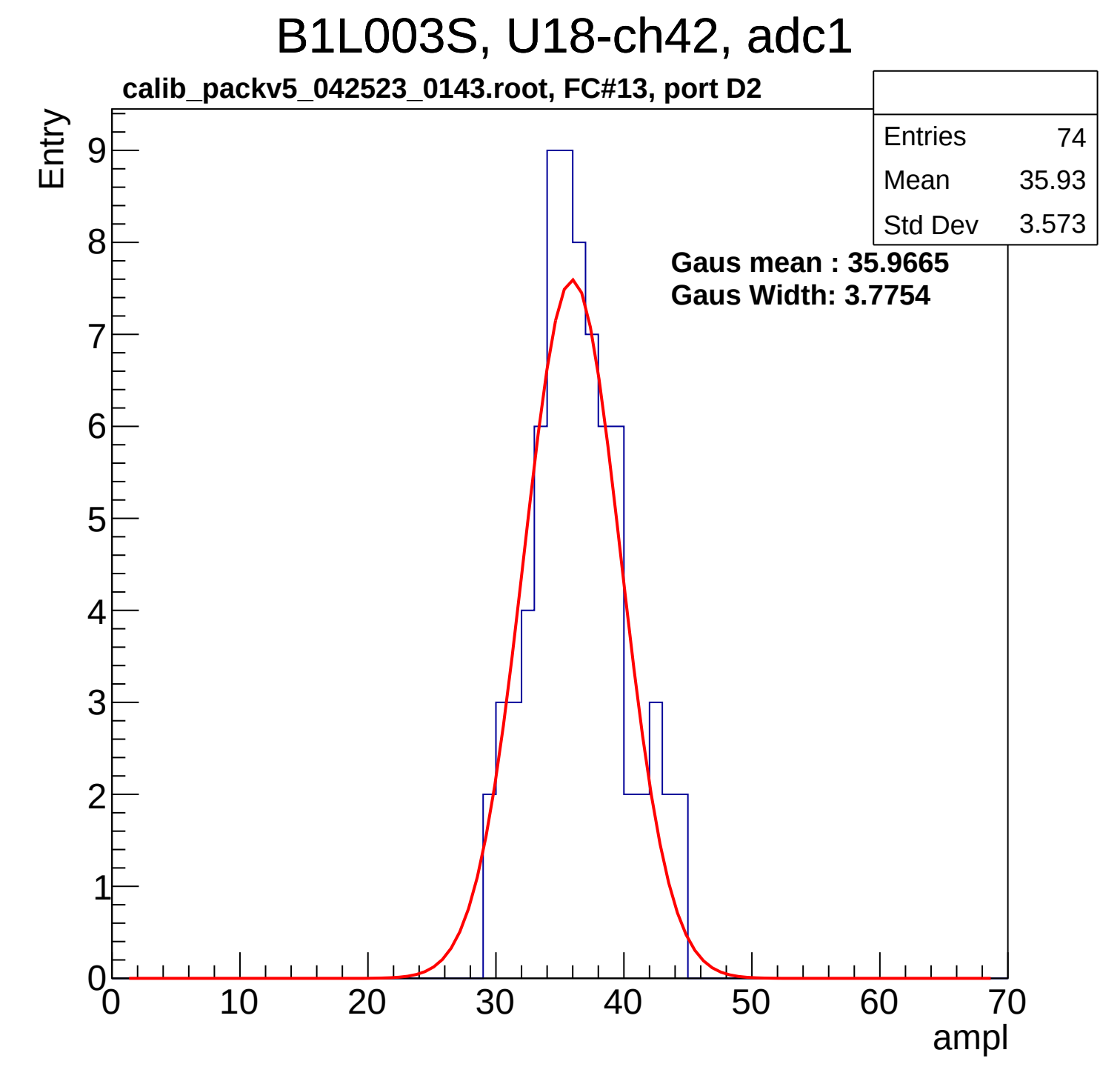

B1L003S, U18-ch41, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 53.95
Std Dev 3.896
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

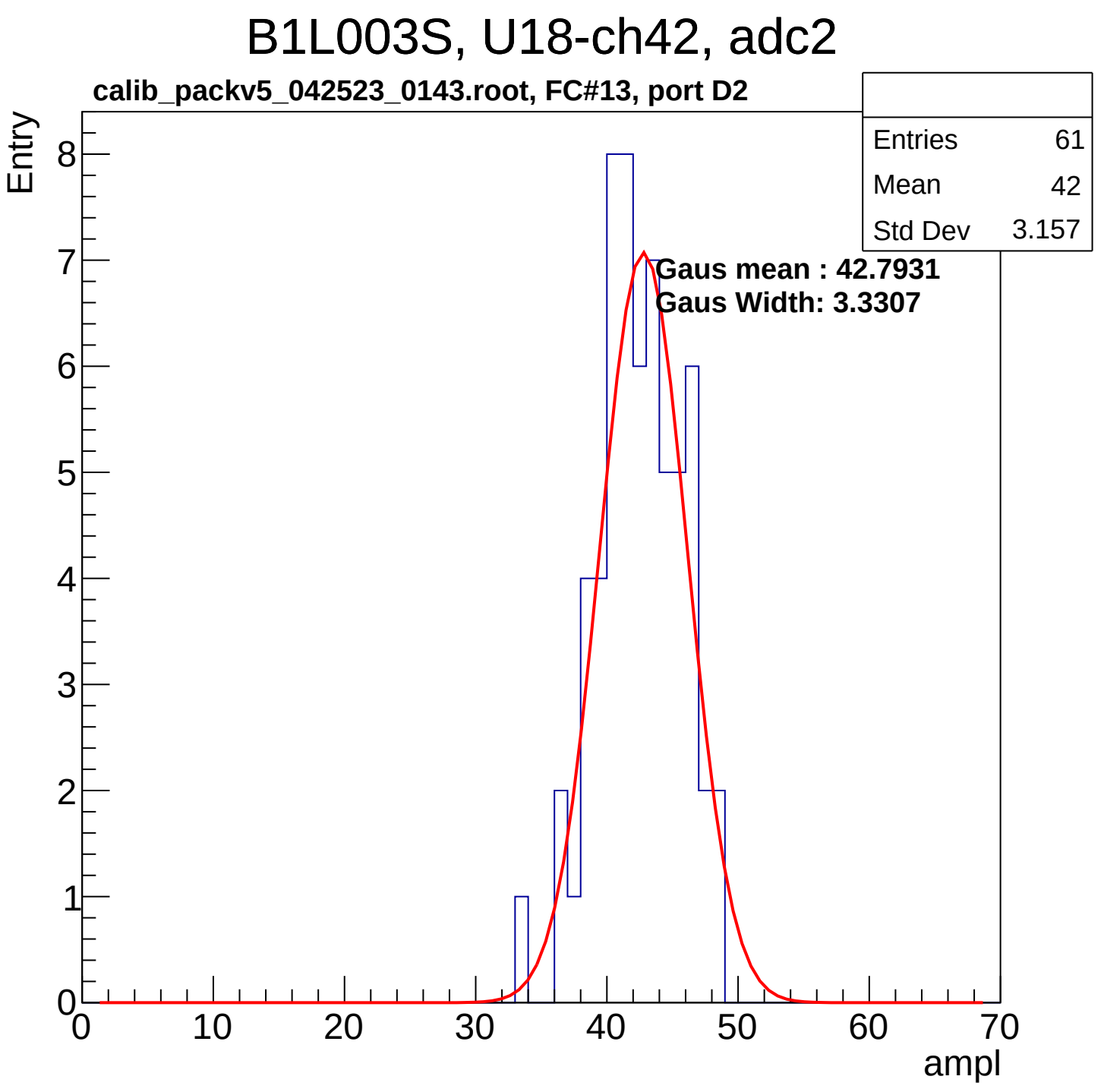

B1L003S, U18-ch41, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 58.34
Std Dev 8.187
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

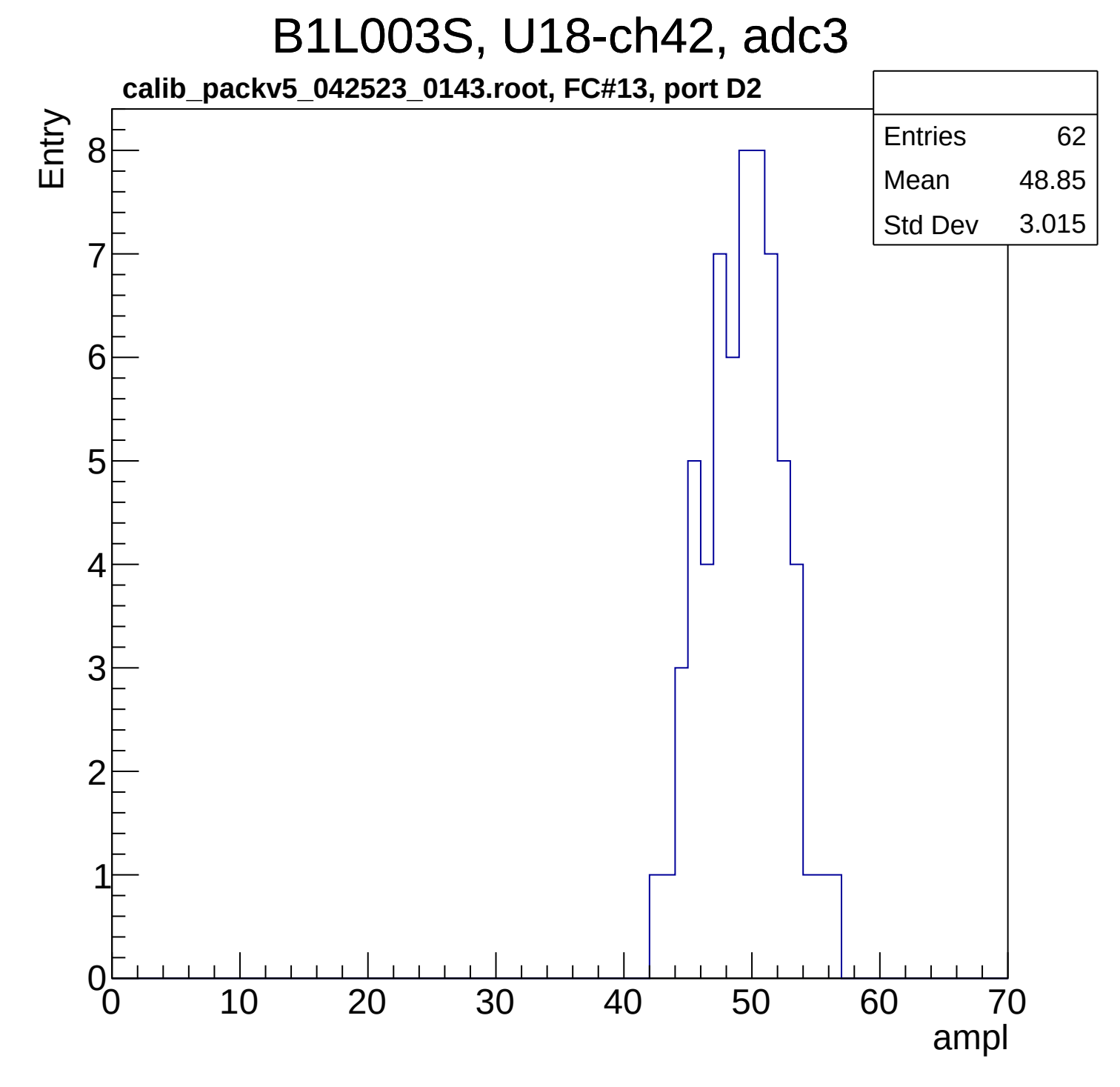

B1L003S, U18-ch41, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62
Std Dev 1.265
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

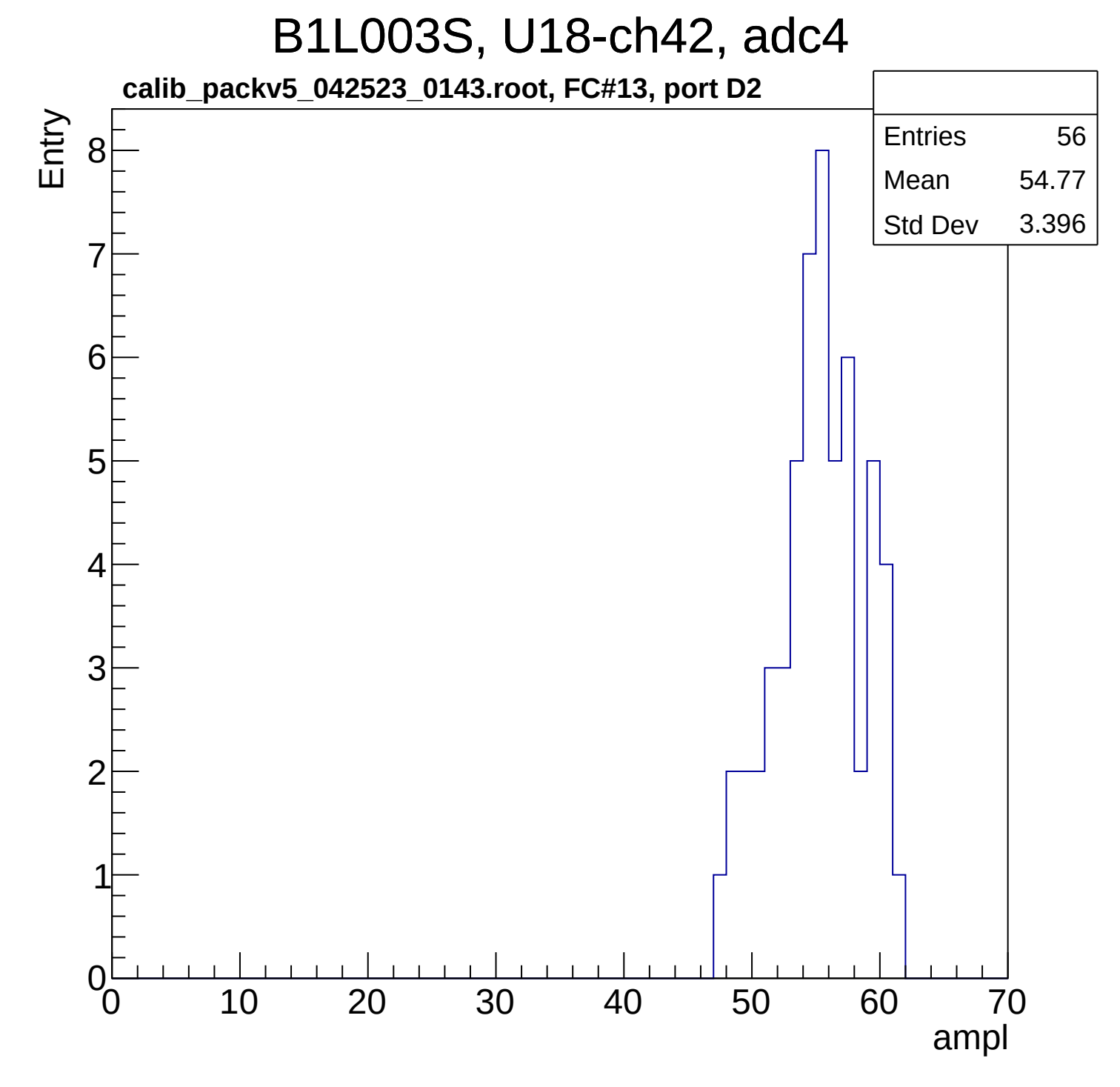

B1L003S, U18-ch41, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

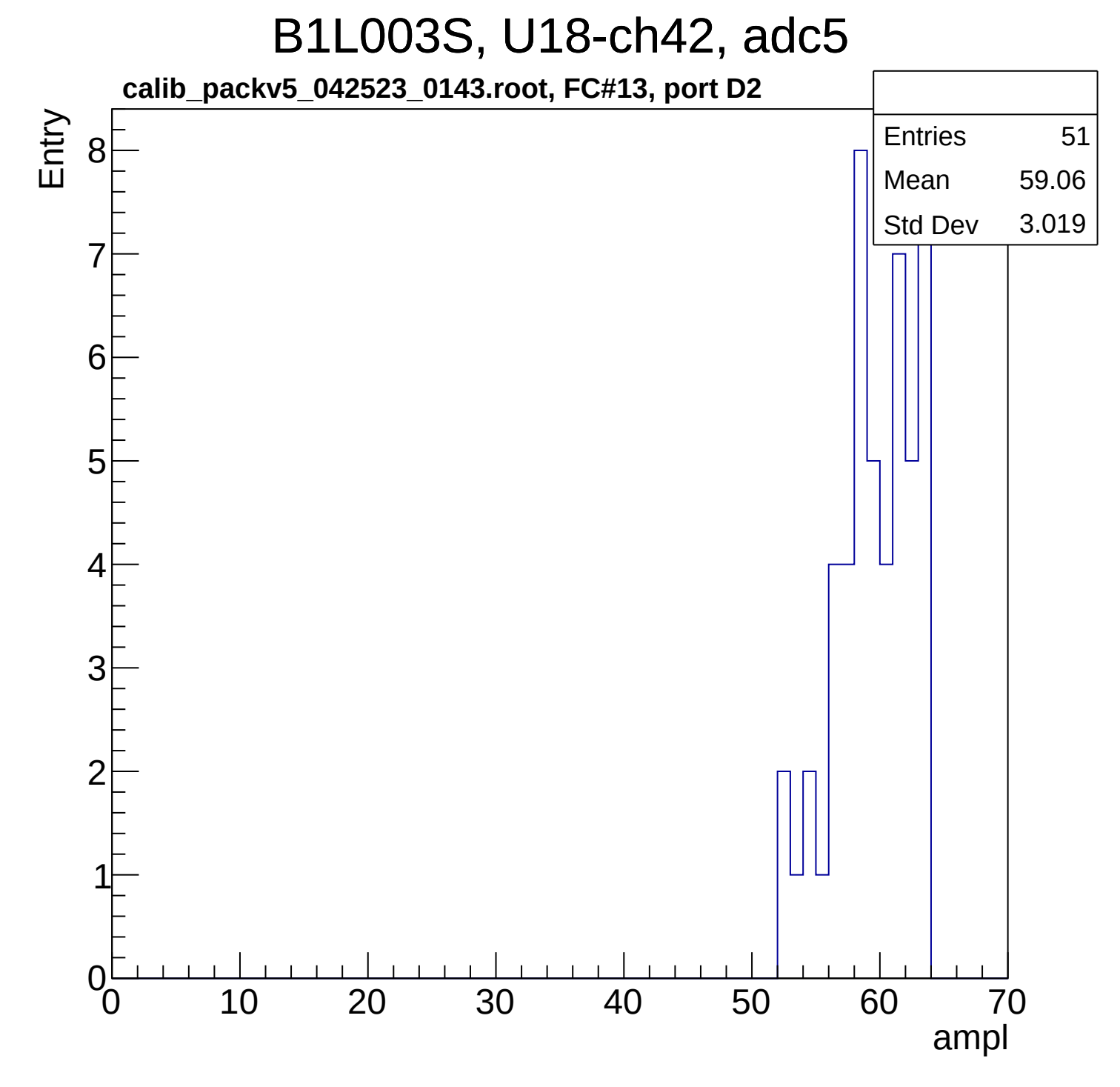

B1L003S, U18-ch42, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 27.79
Std Dev 7.187
Gaus mean : 29.9098
Gaus Width: 2.7560
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

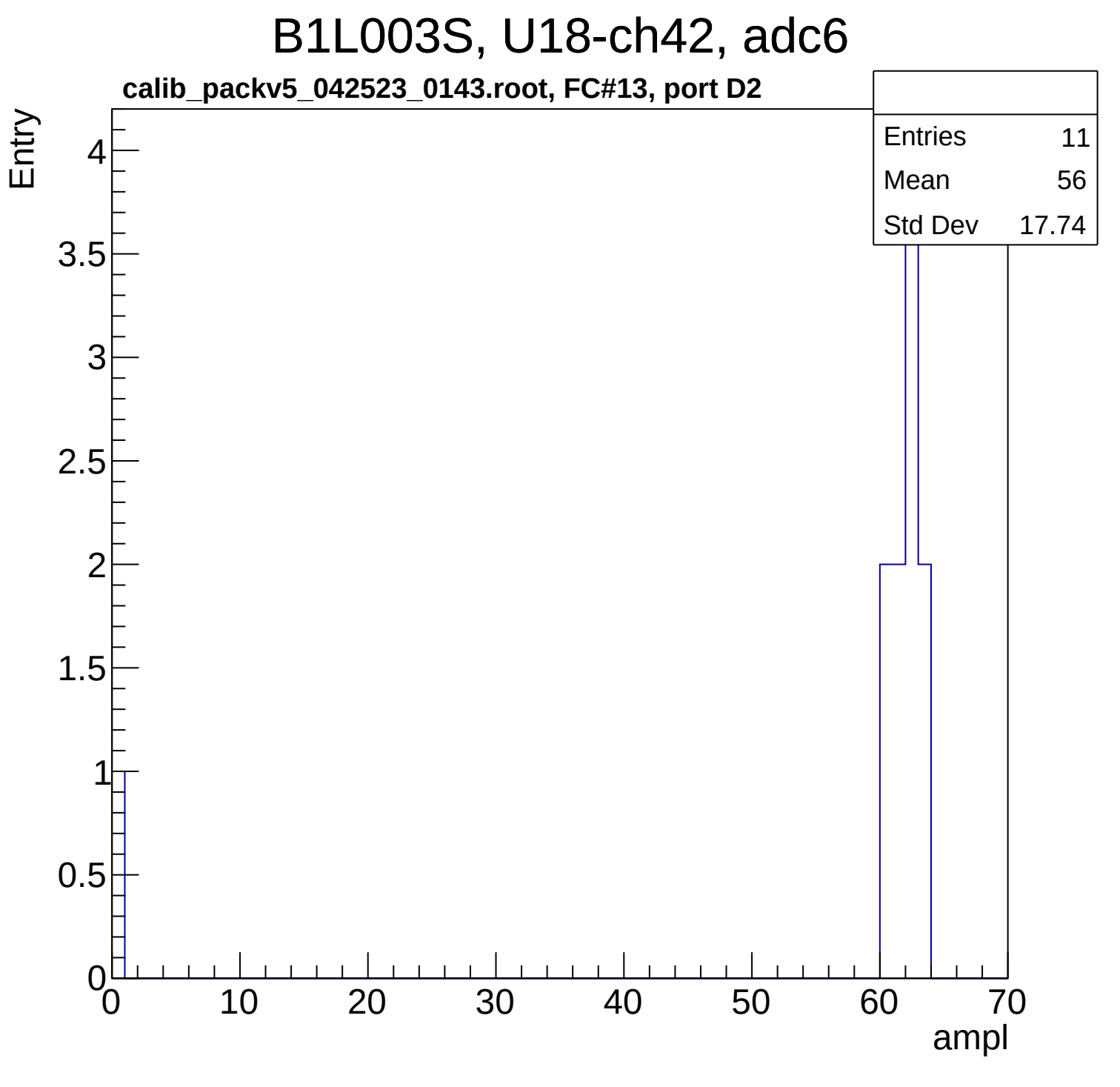

B1L003S, U18-ch42, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 35.93
Std Dev 3.573
Gaus mean : 35.9665
Gaus Width: 3.7754
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

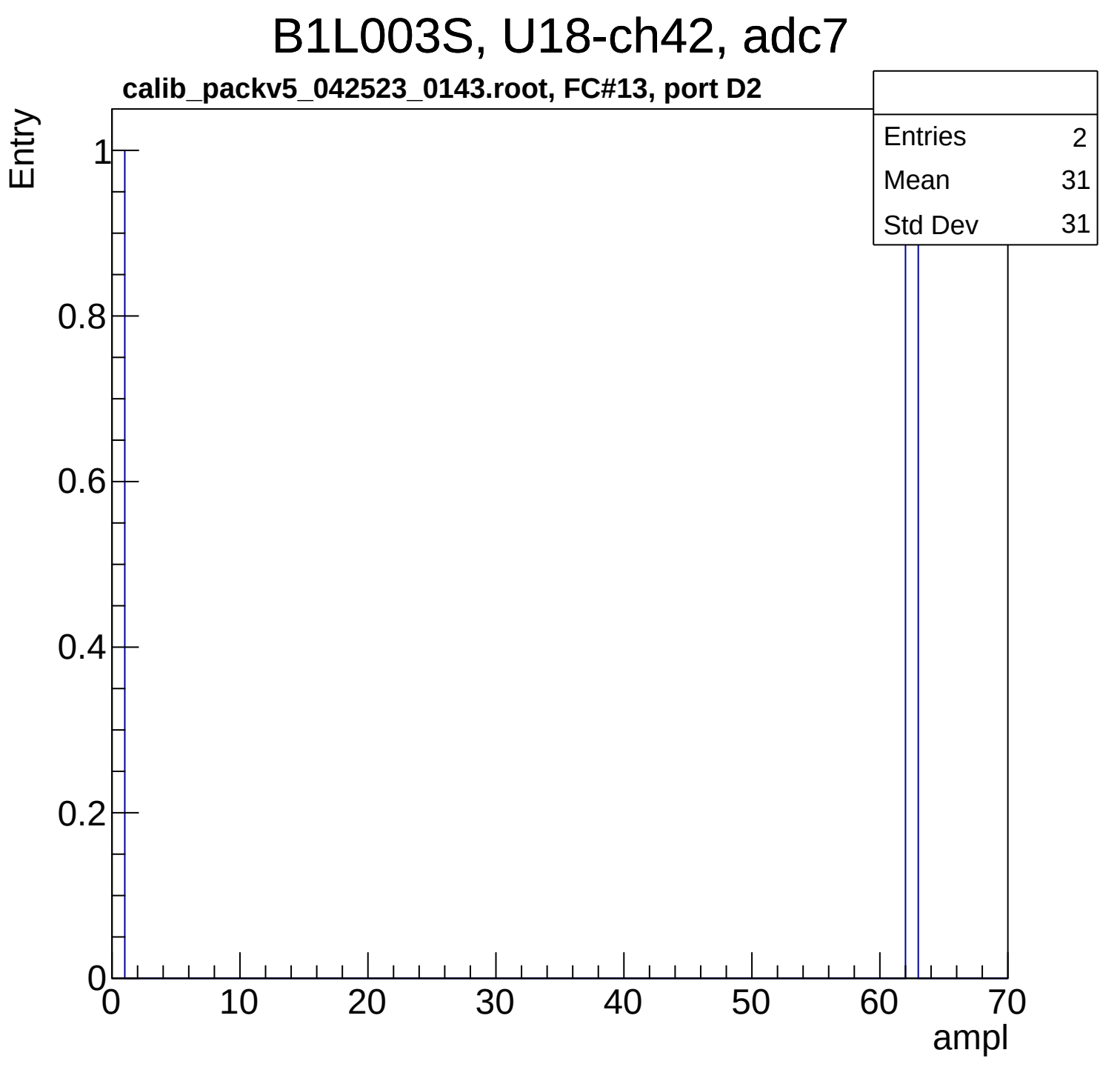

B1L003S, U18-ch42, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 42
Std Dev 3.157
Gaus mean : 42.7931
Gaus Width: 3.3307
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

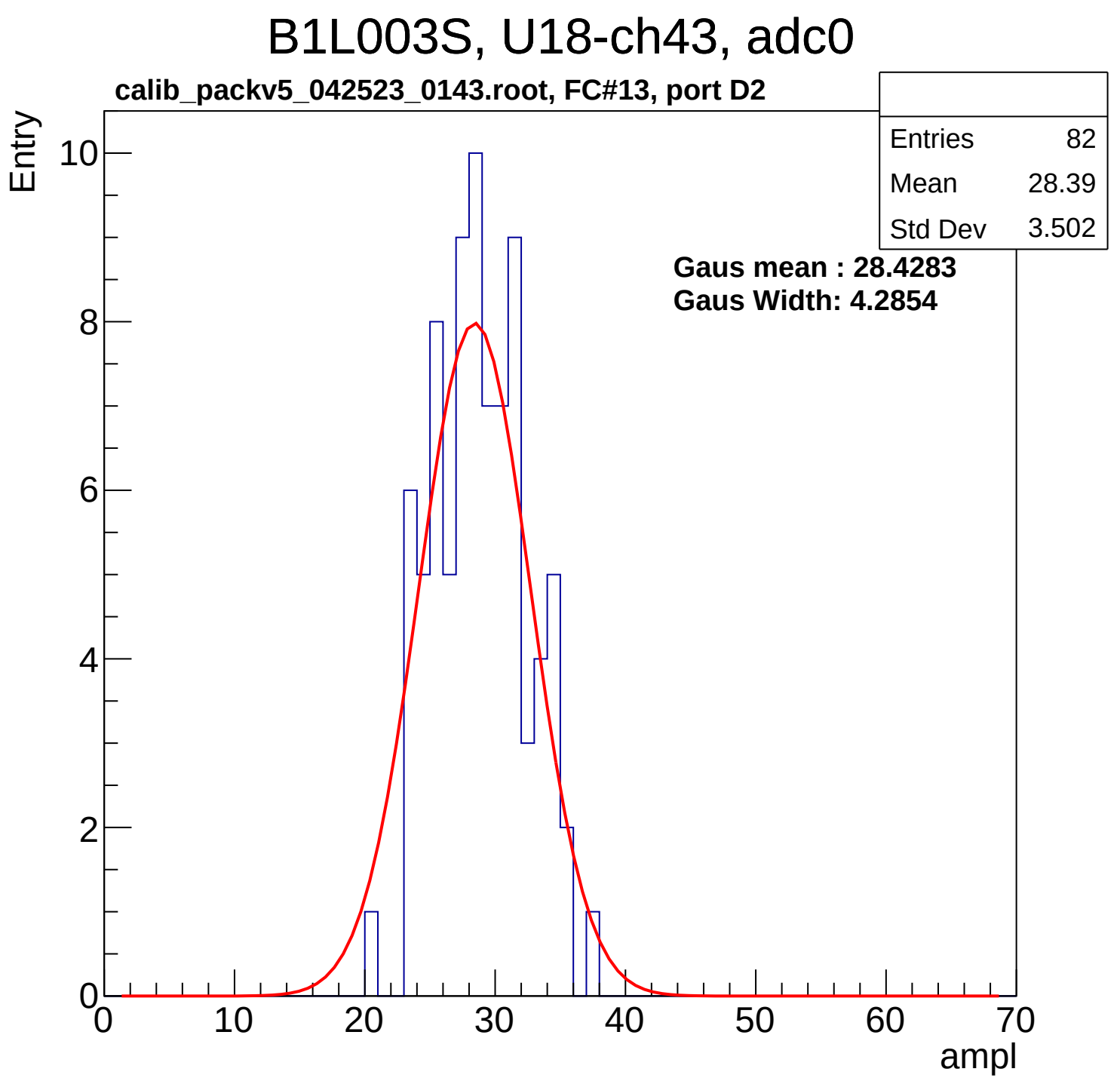

B1L003S, U18-ch42, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 48.85
Std Dev 3.015
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

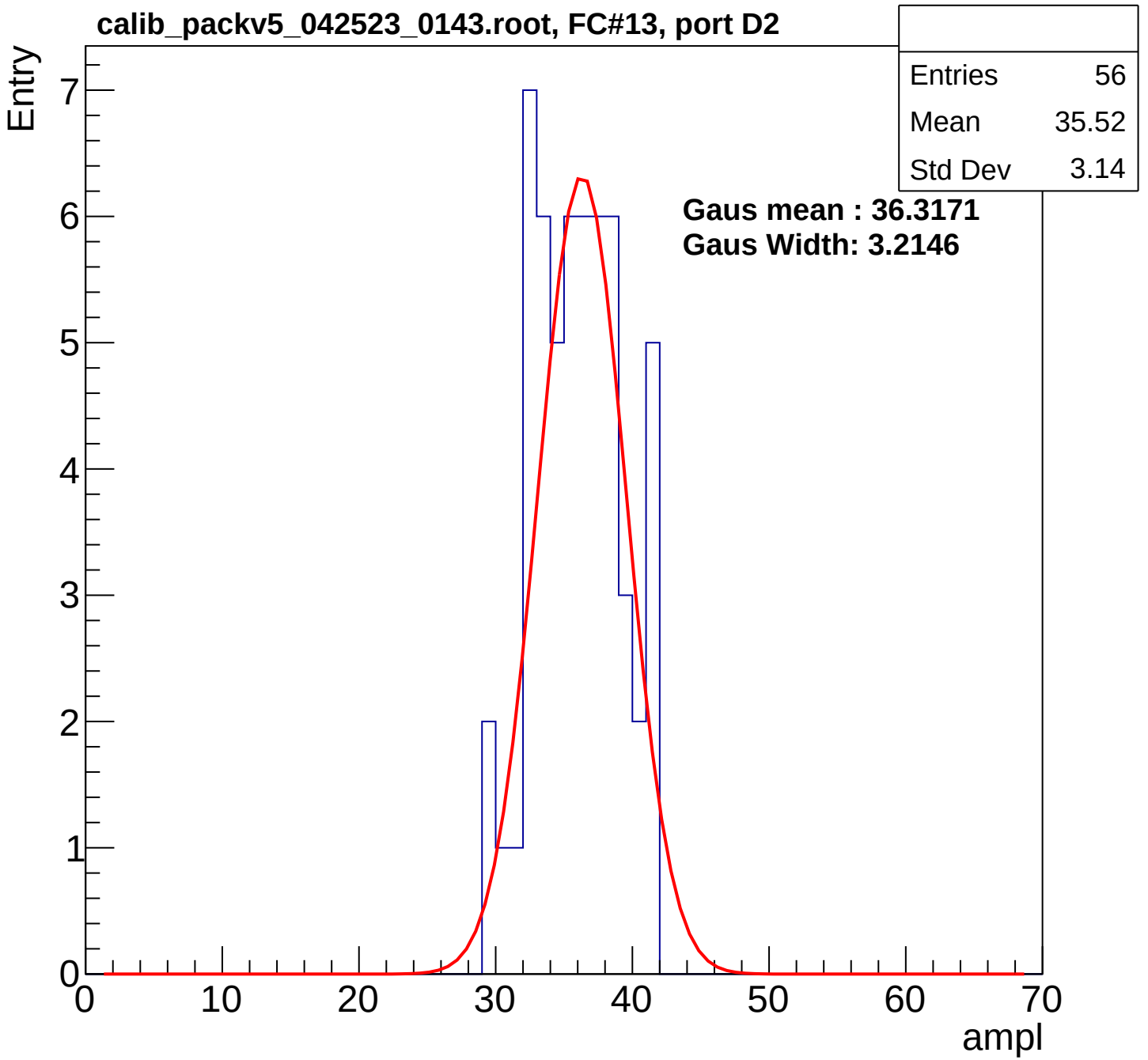

B1L003S, U18-ch42, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 54.77
Std Dev 3.396
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

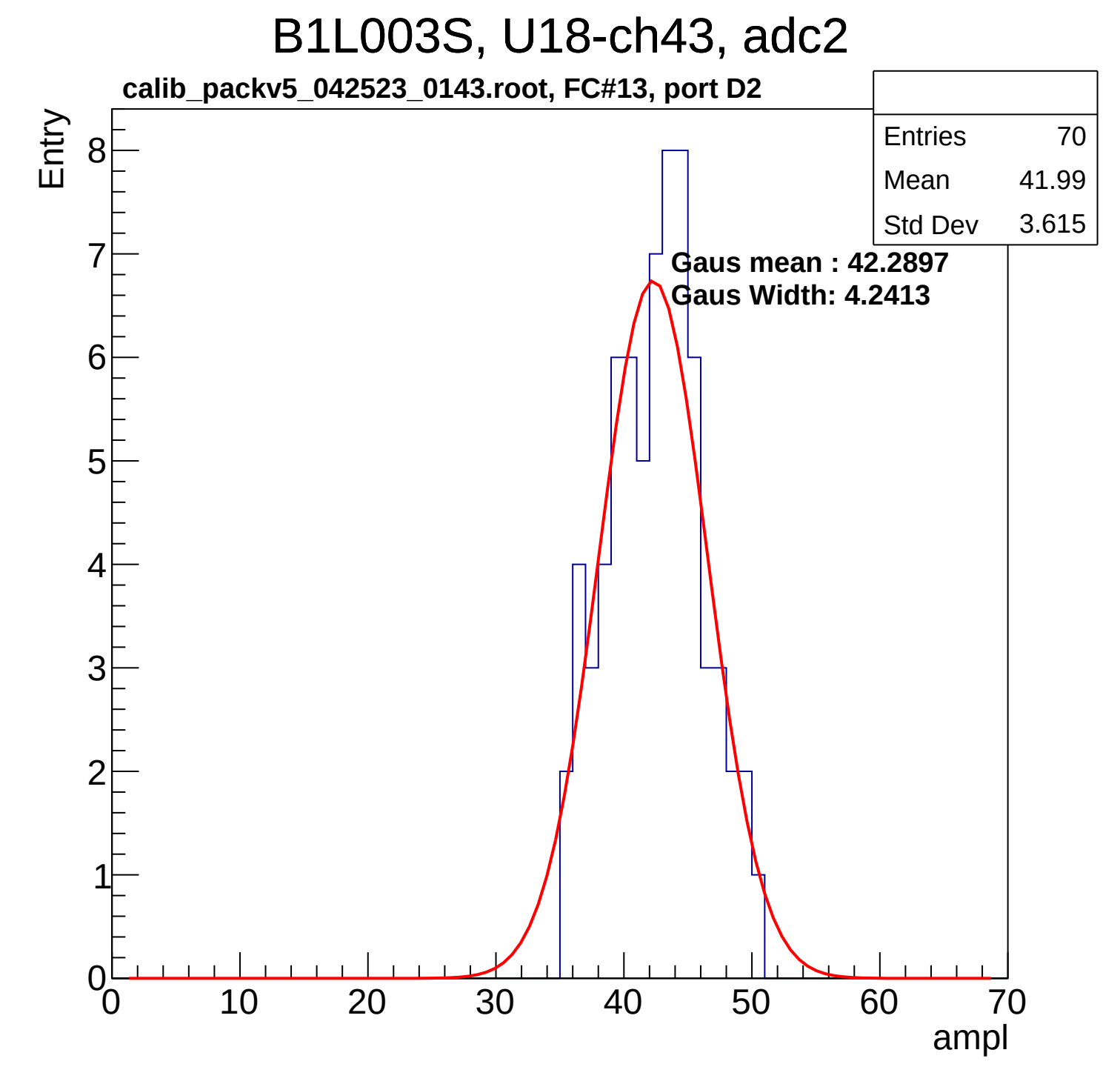

B1L003S, U18-ch42, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 59.06
Std Dev 3.019
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

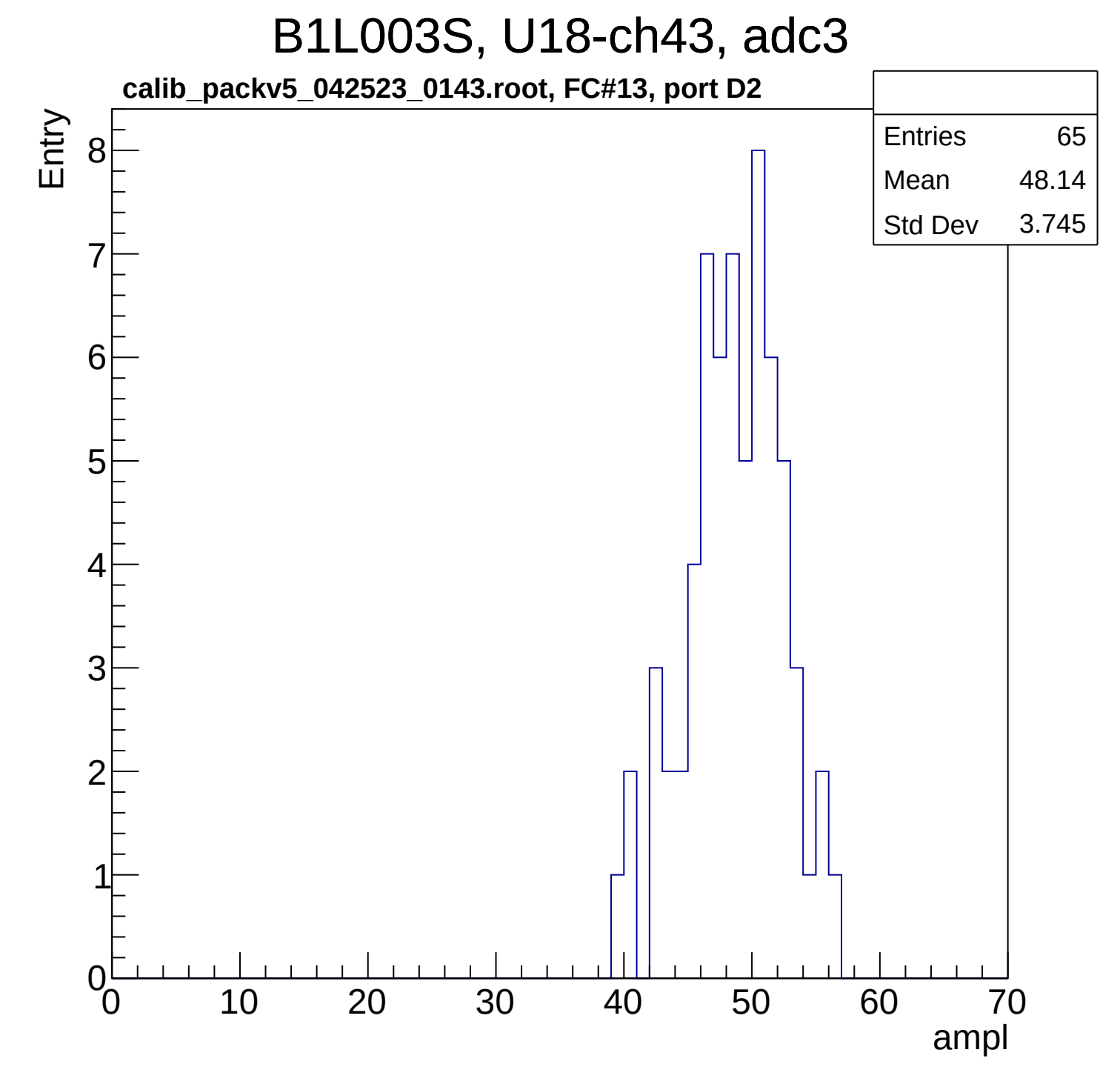

B1L003S, U18-ch42, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 56
Std Dev 17.74
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

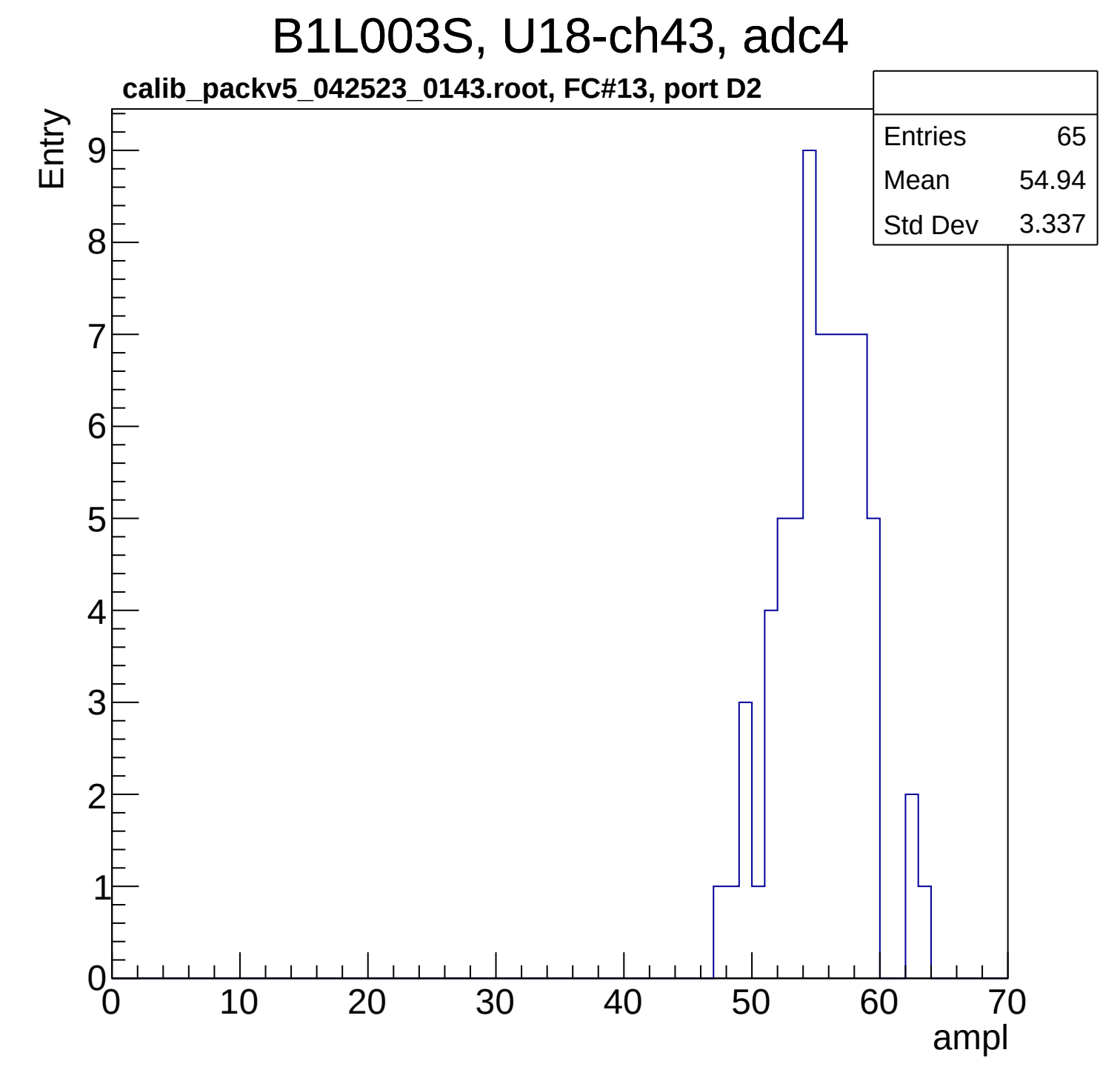

B1L003S, U18-ch42, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

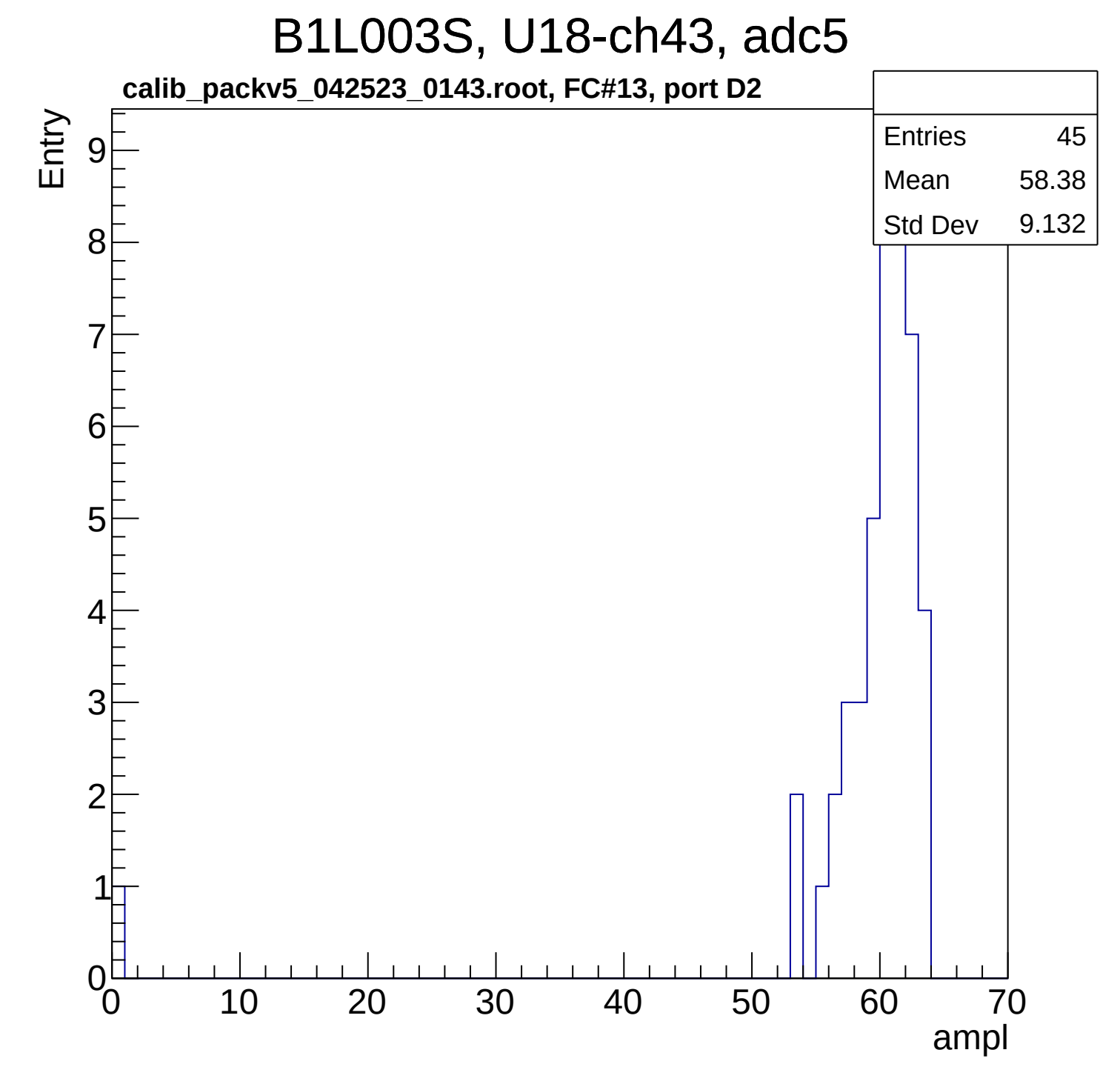

B1L003S, U18-ch43, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 28.39
Std Dev 3.502
Gaus mean : 28.4283
Gaus Width: 4.2854
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

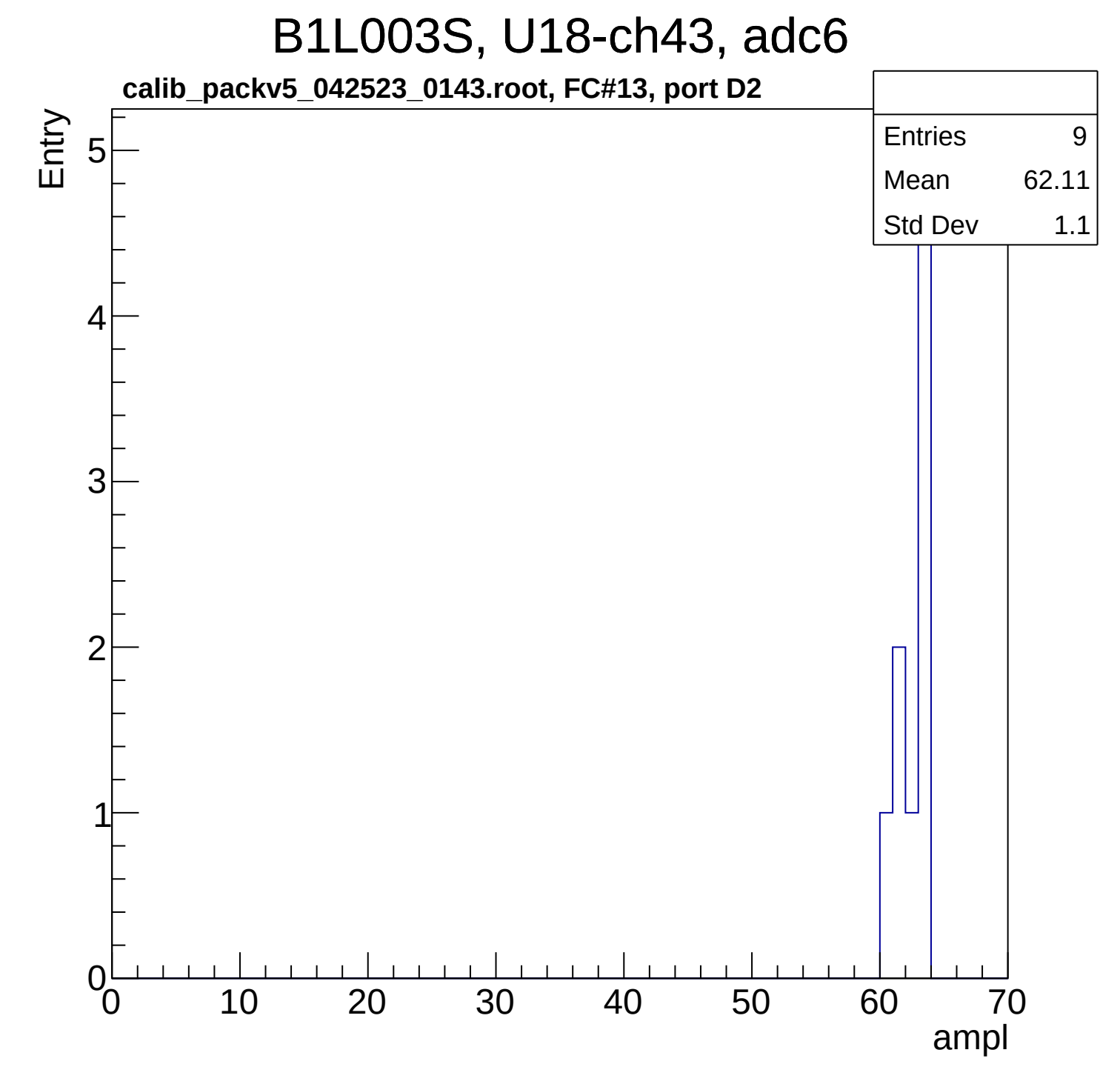

B1L003S, U18-ch43, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 35.52
Std Dev 3.14
Gaus mean : 36.3171
Gaus Width: 3.2146
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

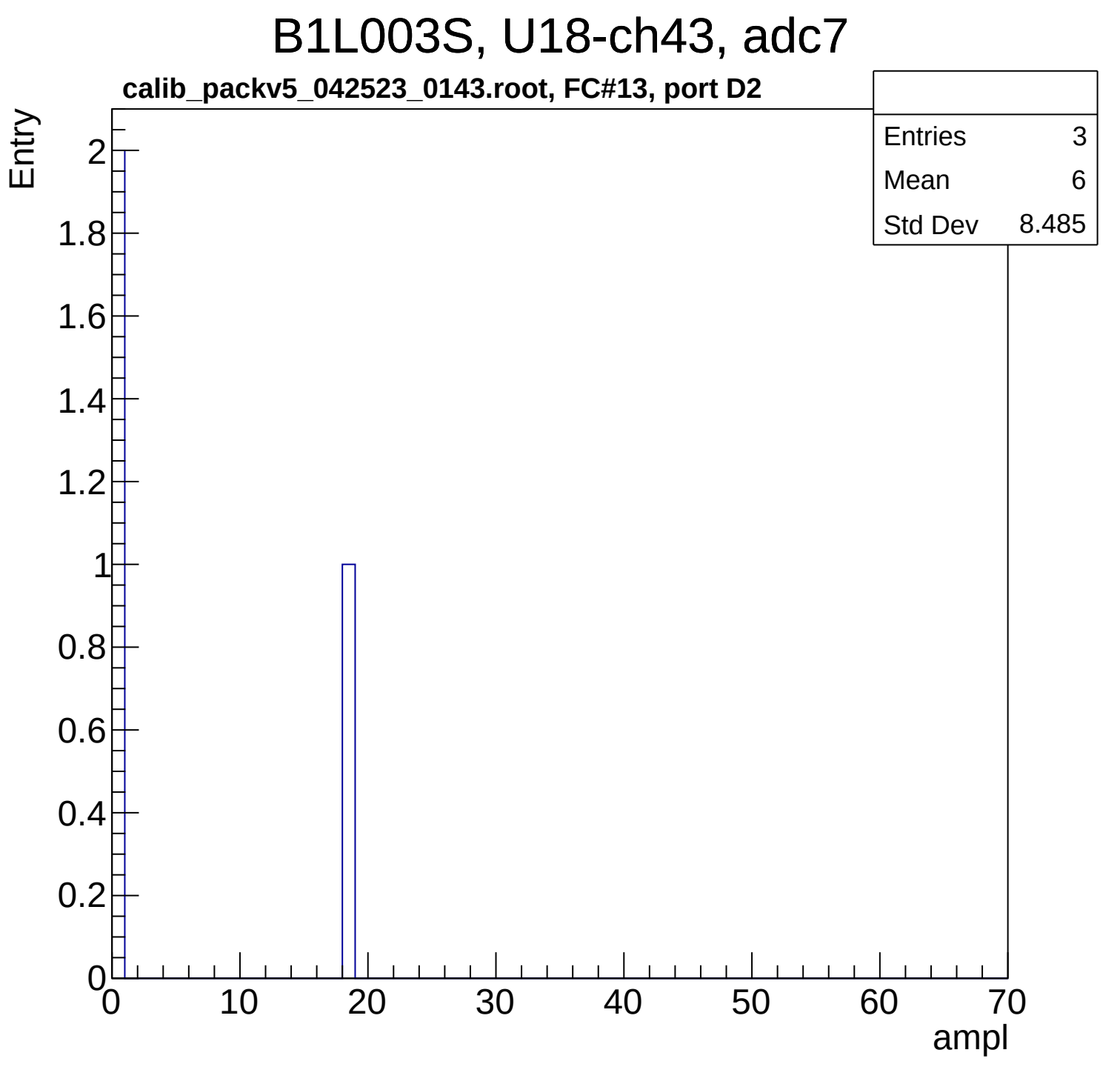

B1L003S, U18-ch43, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 41.99
Std Dev 3.615
Gaus mean : 42.2897
Gaus Width: 4.2413
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

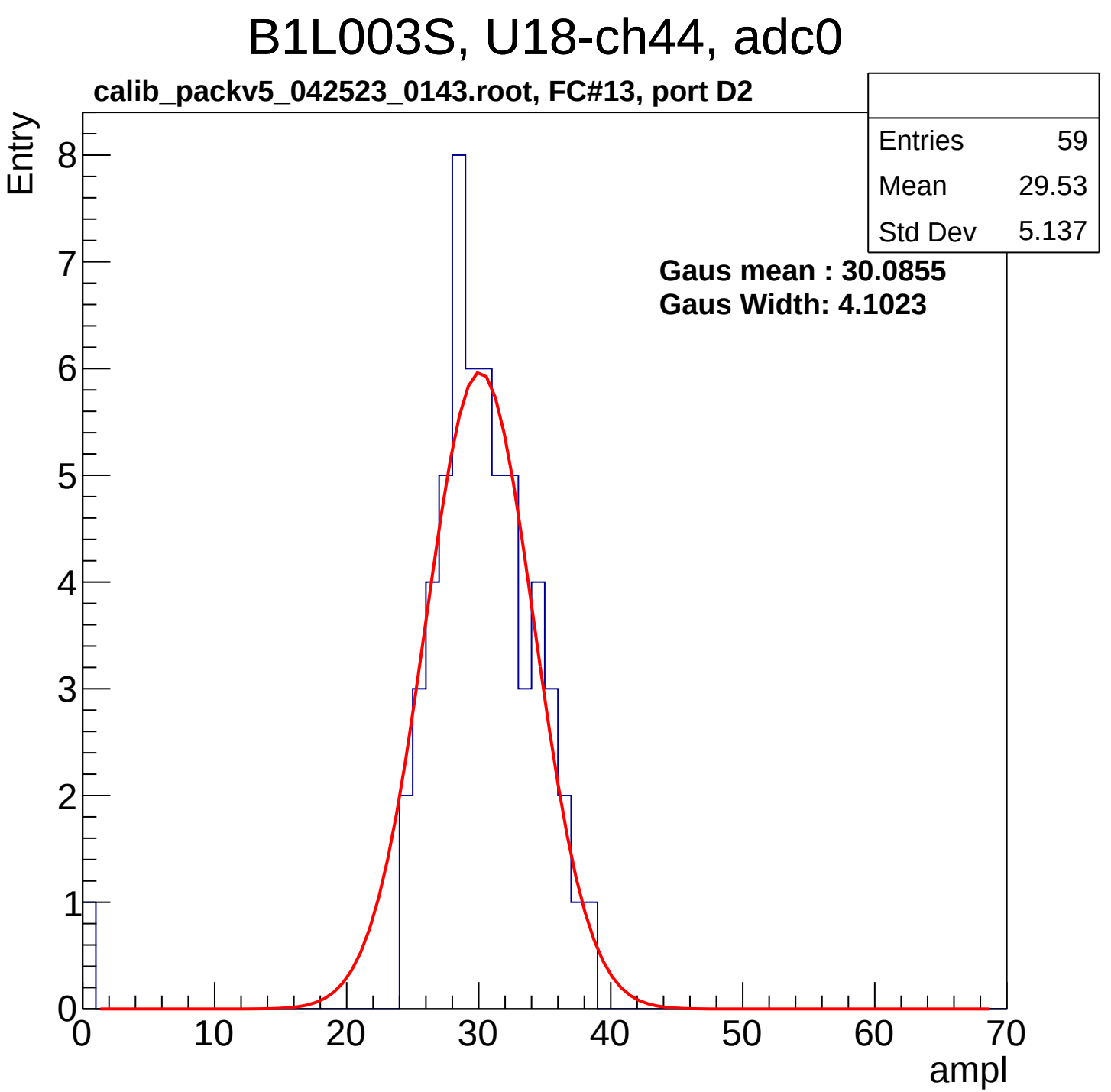

B1L003S, U18-ch43, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 48.14
Std Dev 3.745
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

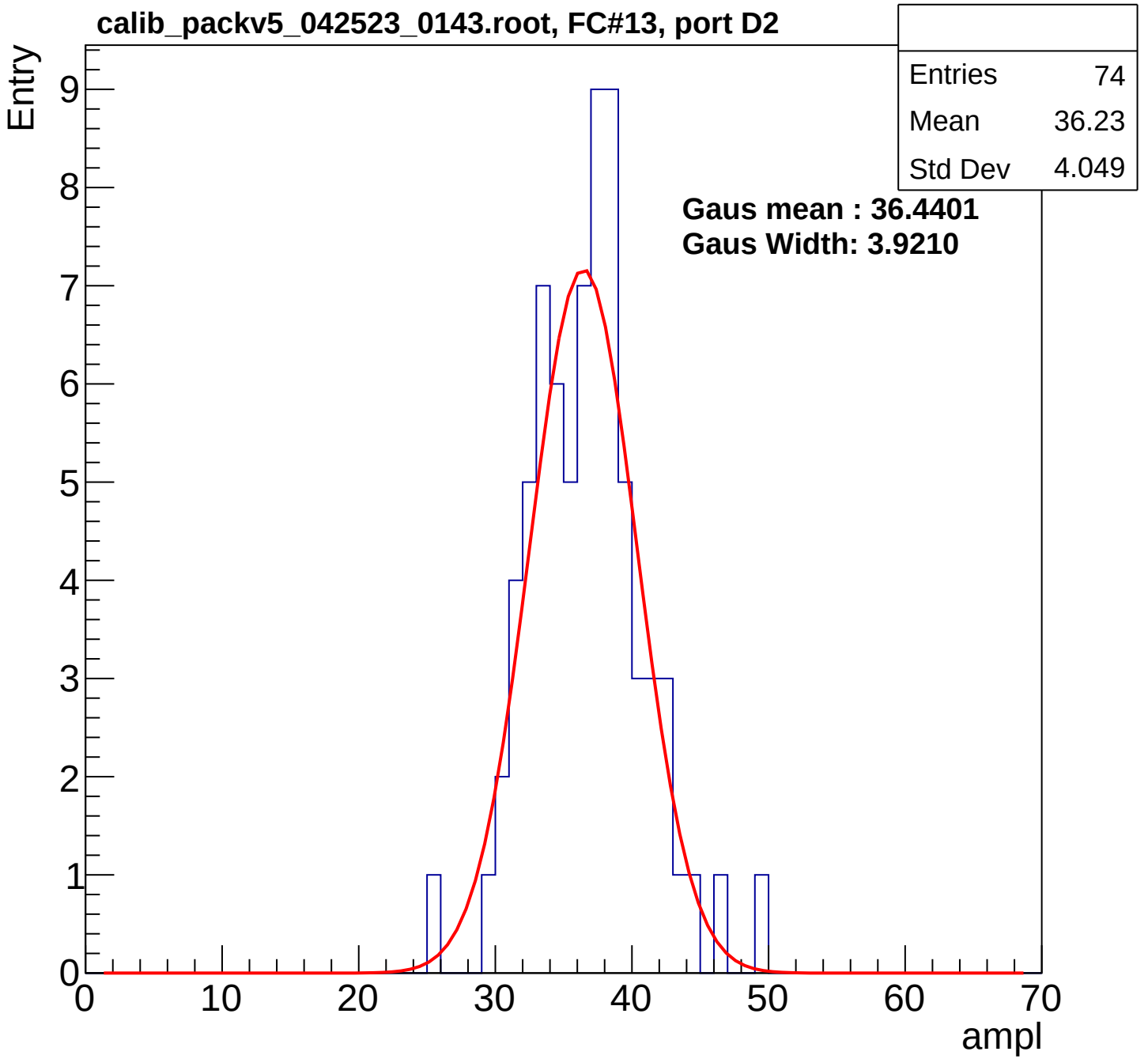

B1L003S, U18-ch43, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 54.94
Std Dev 3.337
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

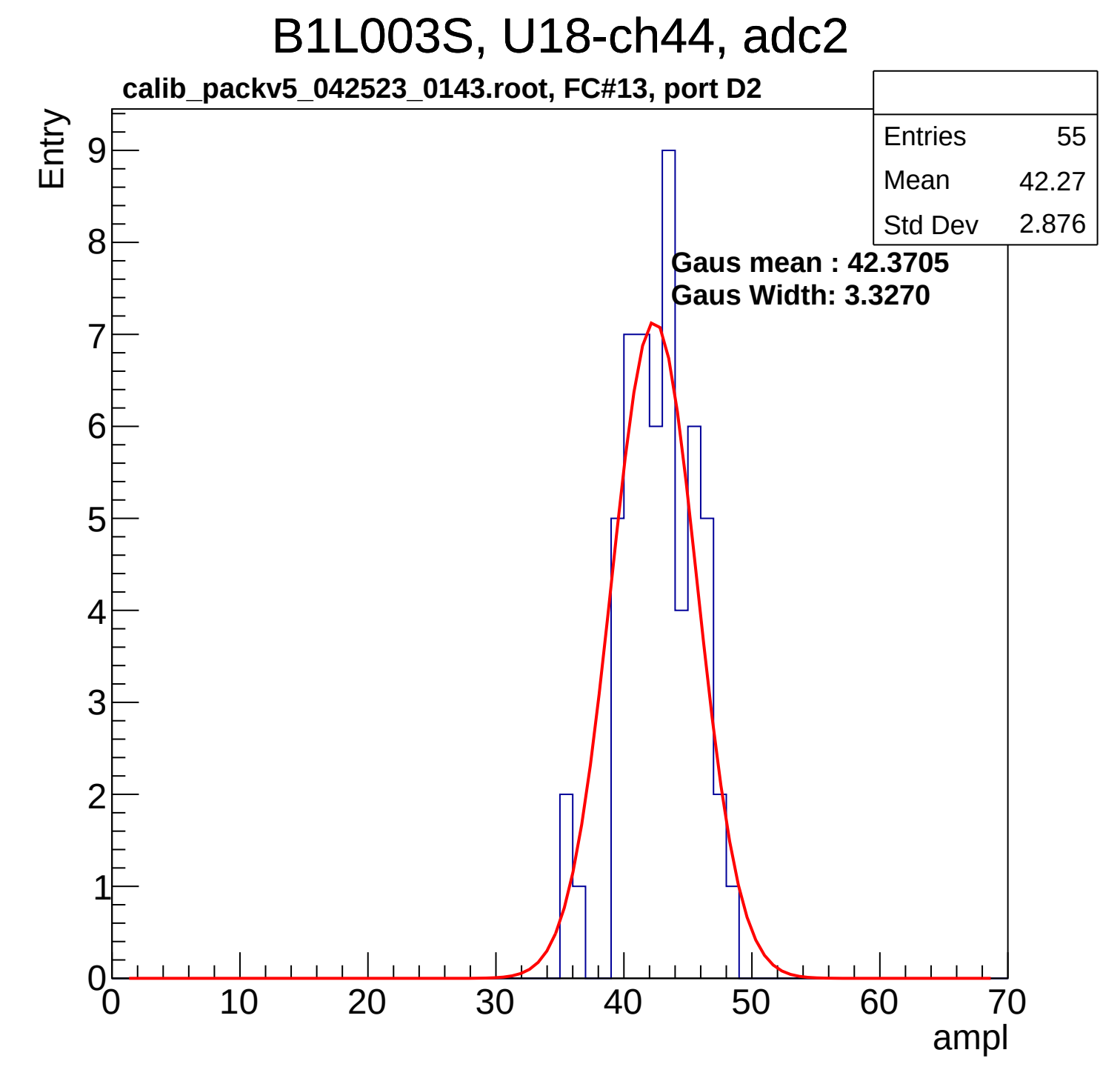

B1L003S, U18-ch43, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.38
Std Dev 9.132
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

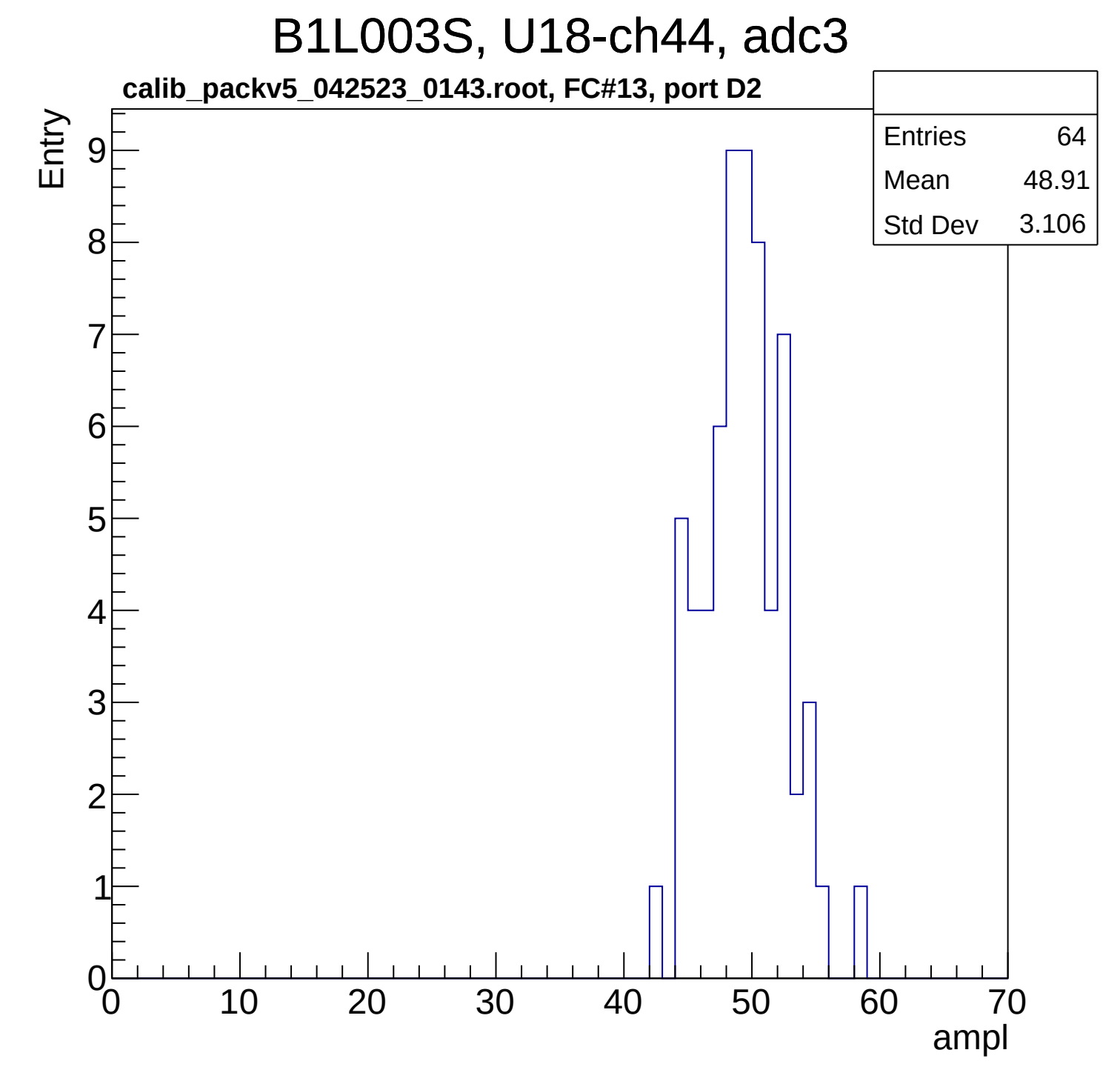

B1L003S, U18-ch43, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 62.11
Std Dev 1.1
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

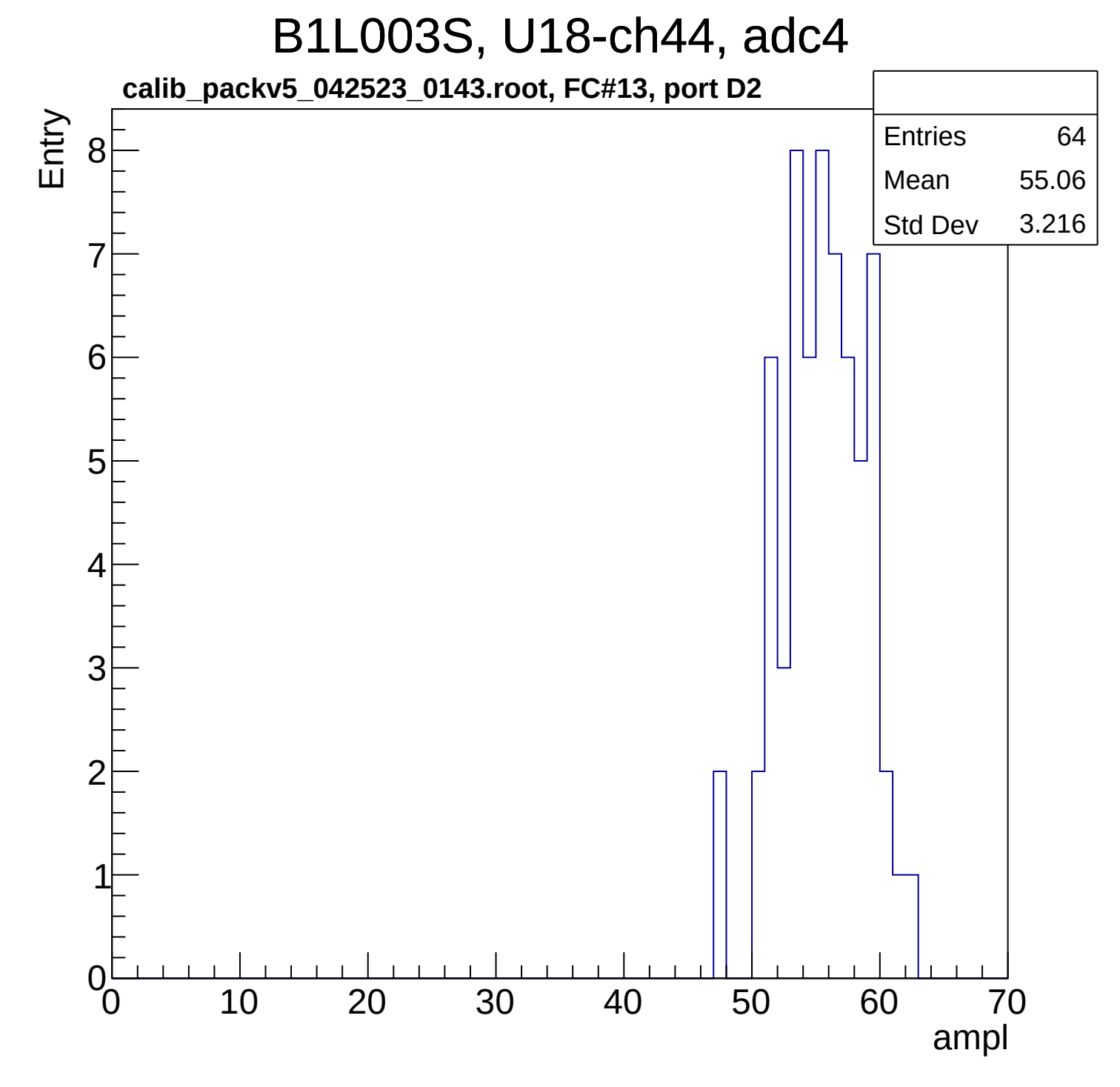

B1L003S, U18-ch43, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 6
Std Dev 8.485
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

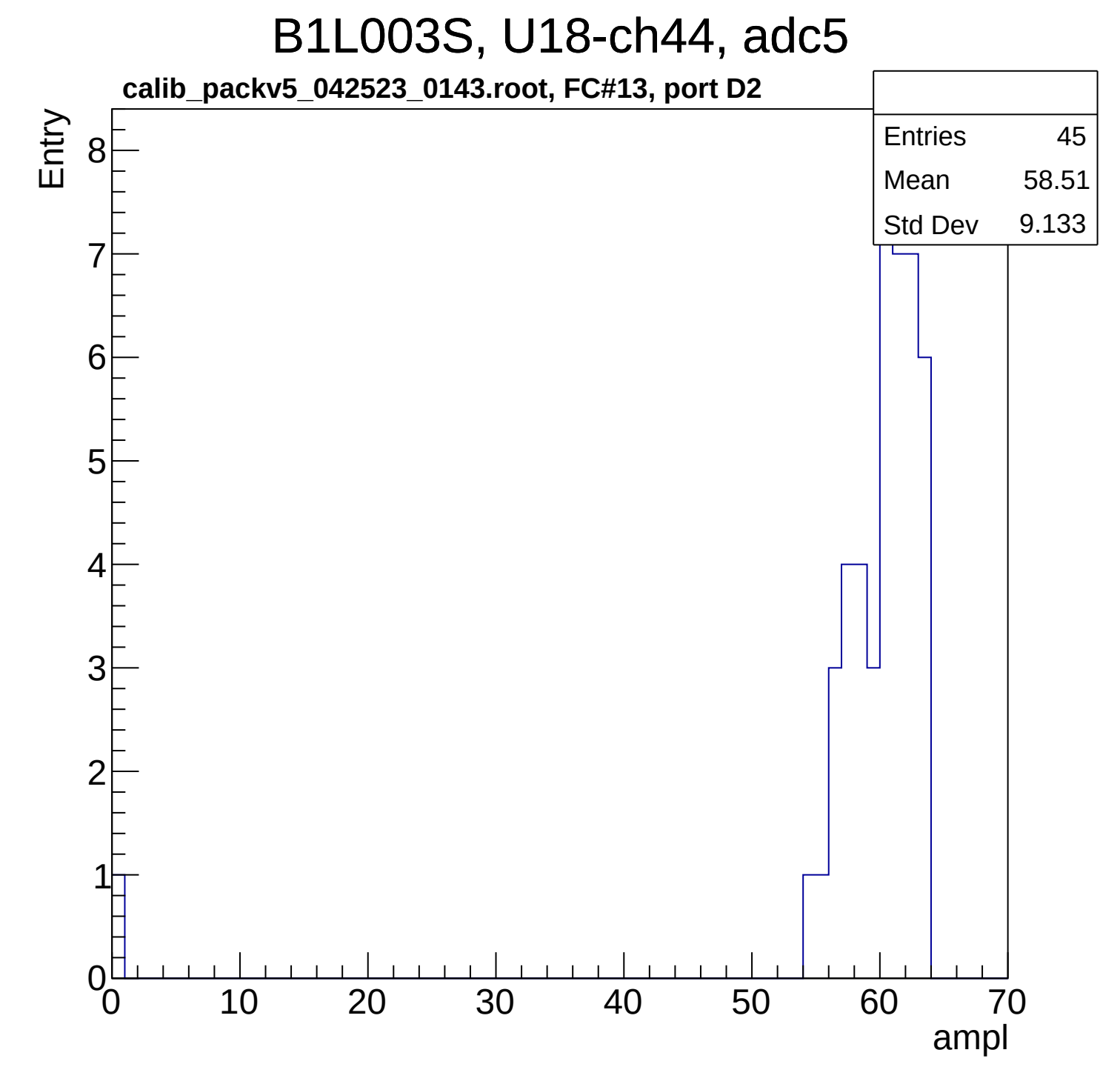

B1L003S, U18-ch44, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 29.53
Std Dev 5.137
Gaus mean : 30.0855
Gaus Width: 4.1023
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

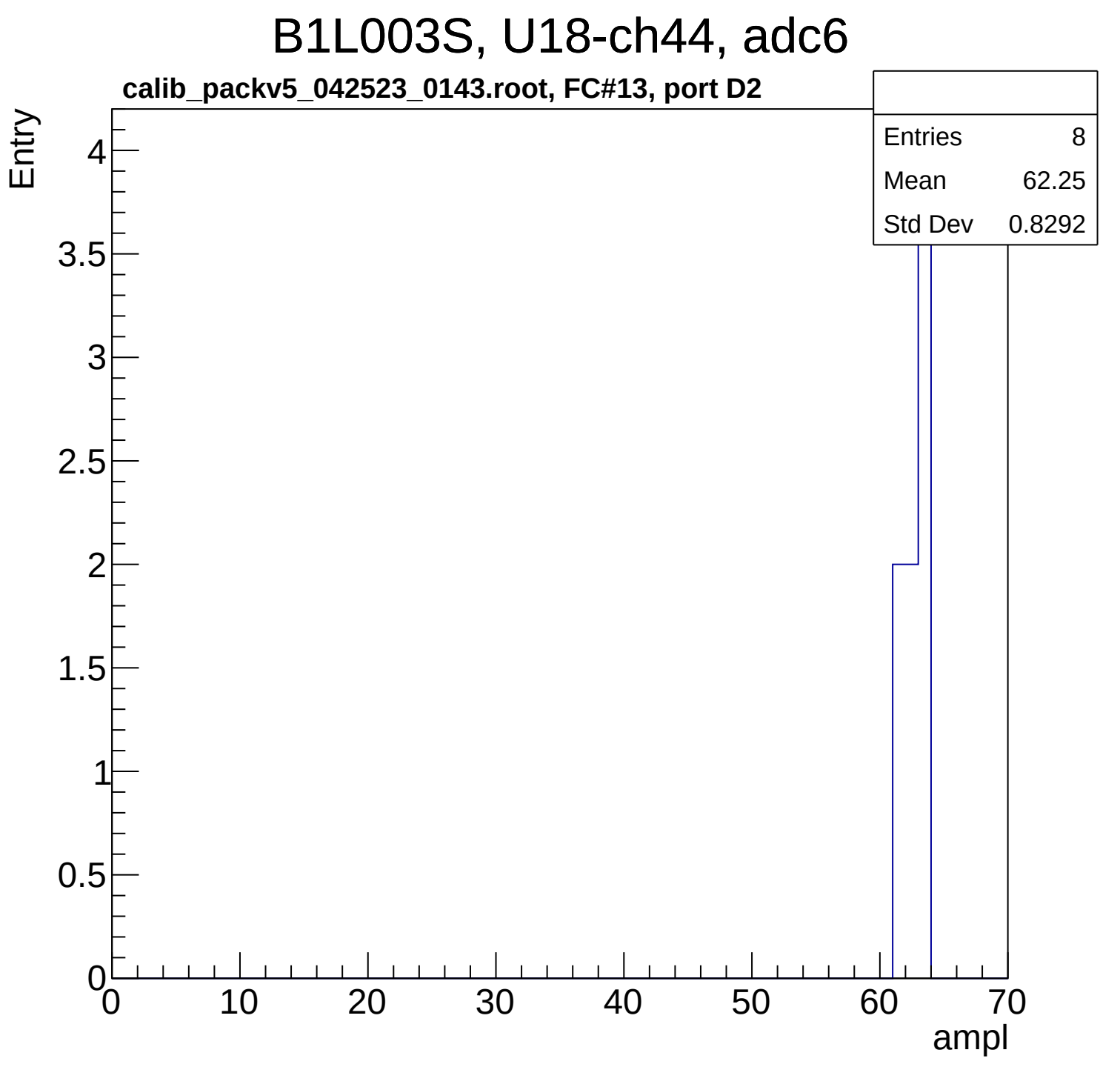

B1L003S, U18-ch44, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 36.23
Std Dev 4.049
Gaus mean : 36.4401
Gaus Width: 3.9210
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

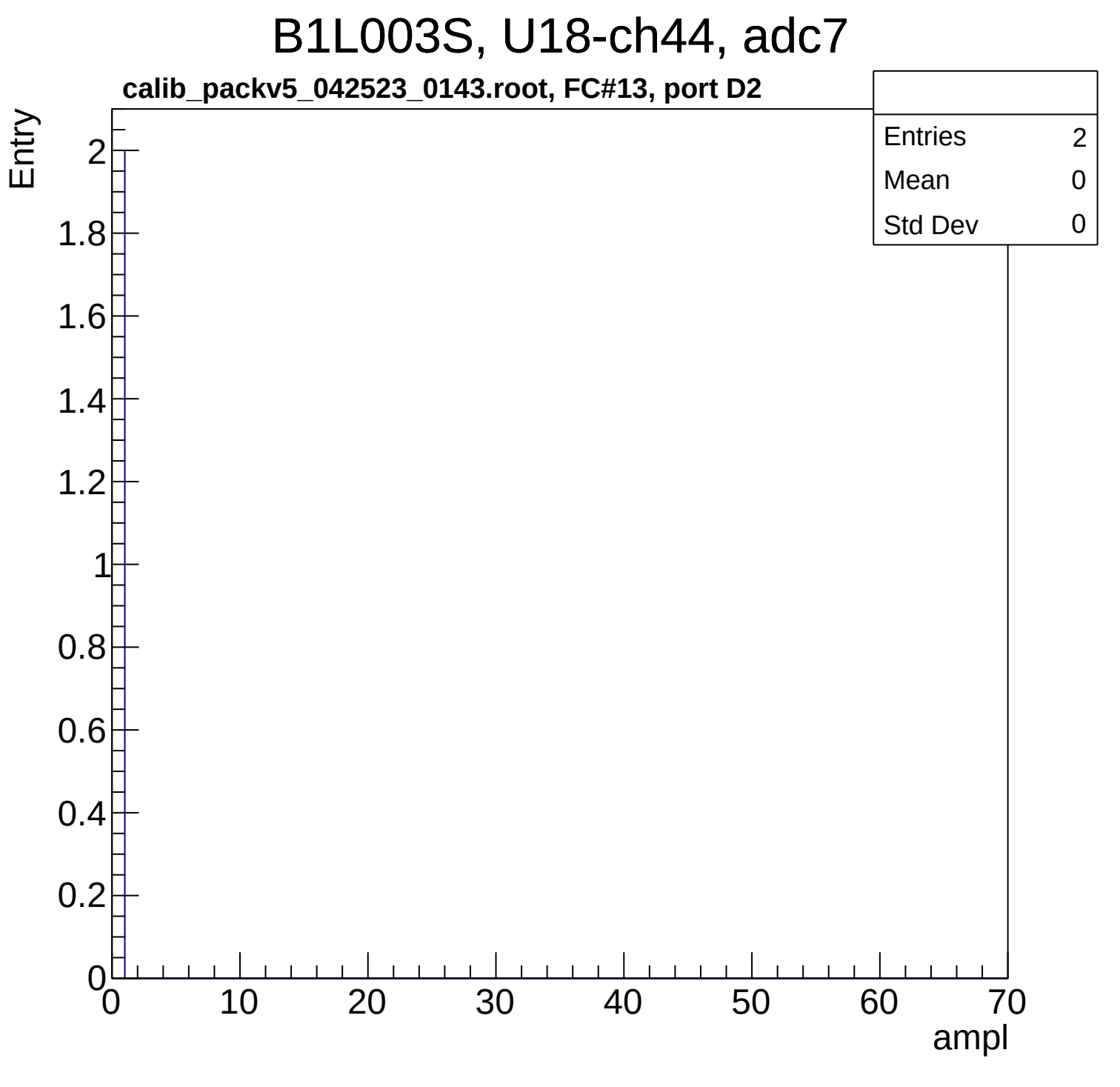

B1L003S, U18-ch44, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 42.27
Std Dev 2.876
Gaus mean : 42.3705
Gaus Width: 3.3270
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

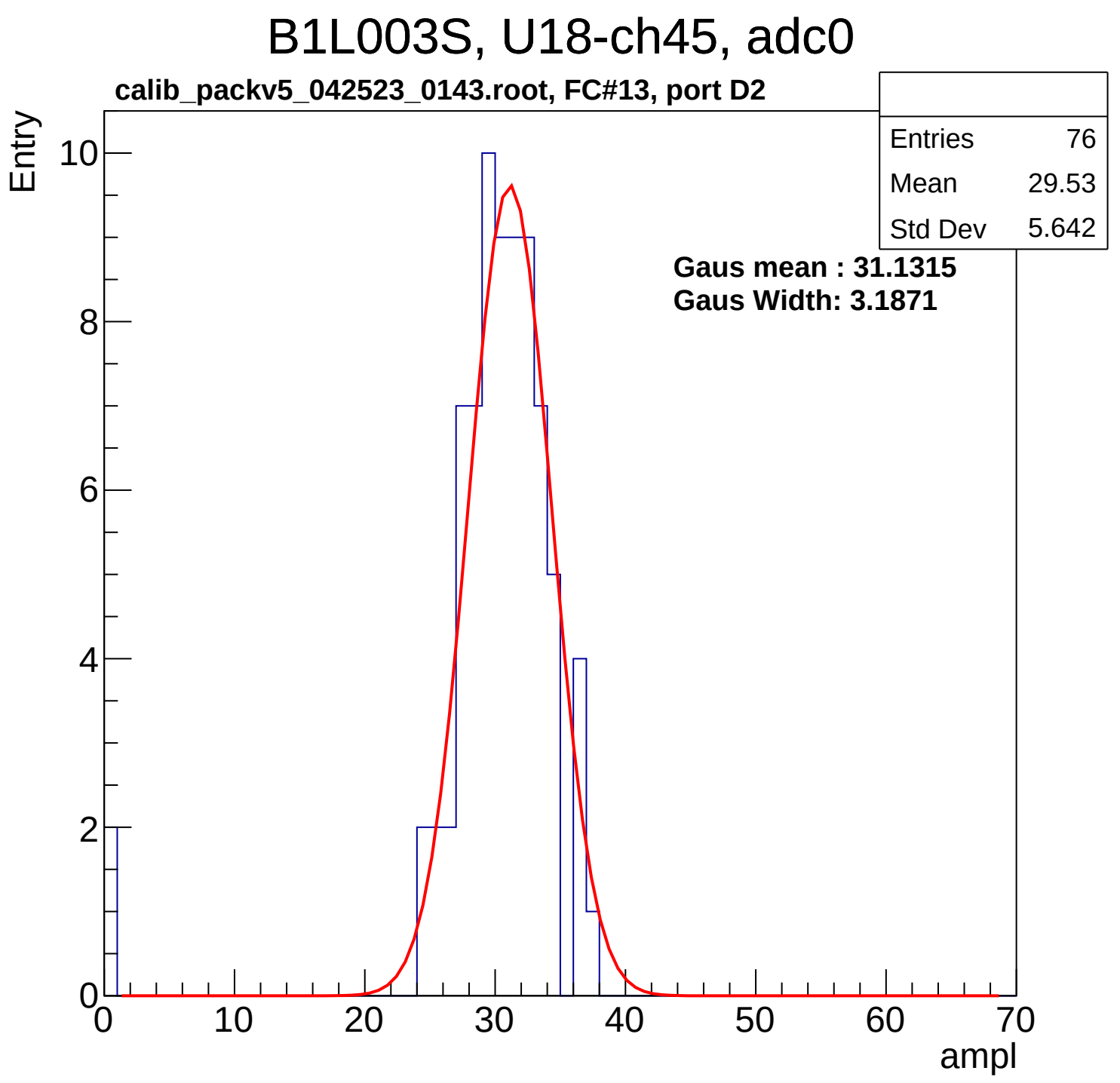

B1L003S, U18-ch44, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 48.91
Std Dev 3.106
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

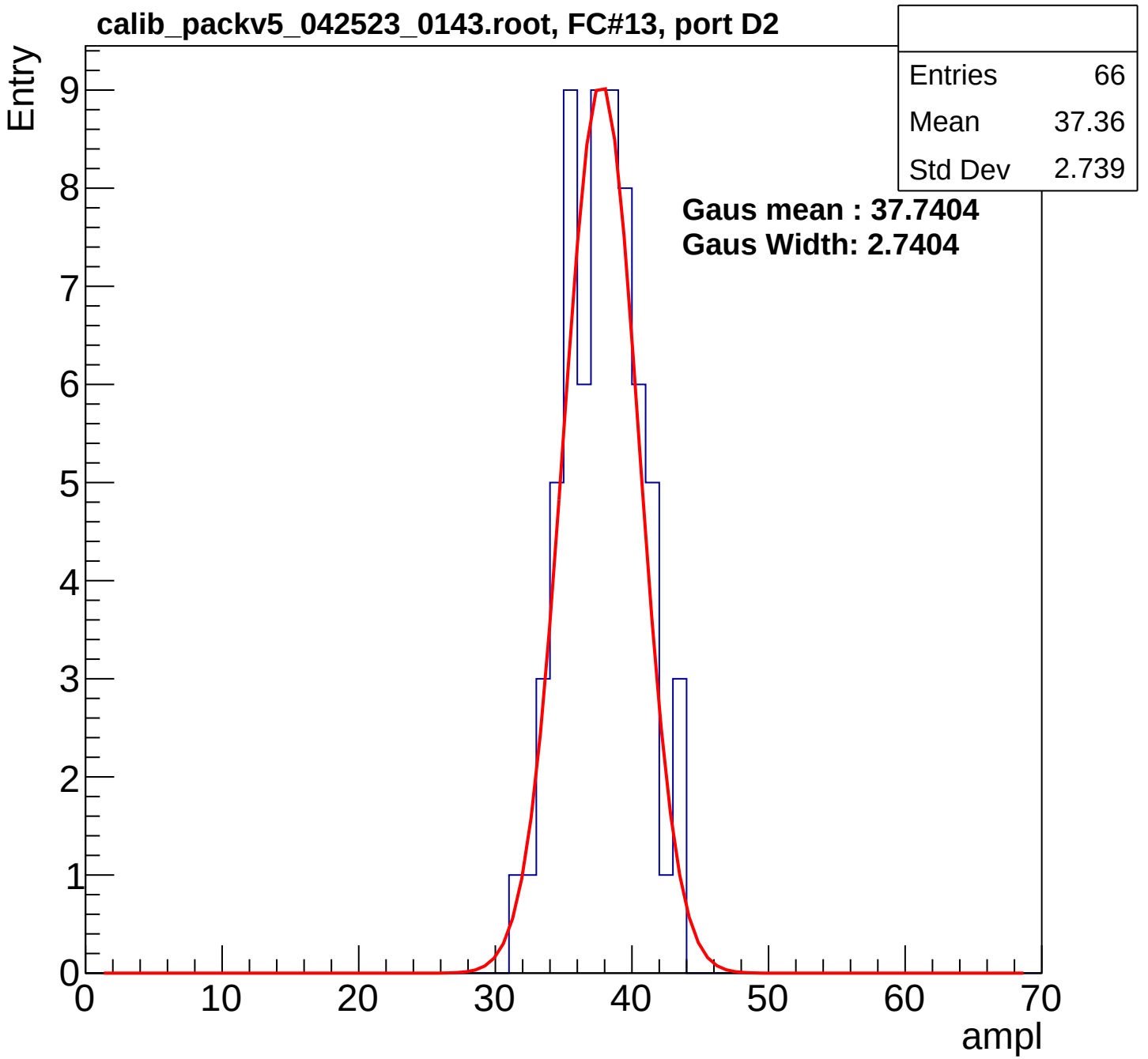

B1L003S, U18-ch44, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 55.06
Std Dev 3.216
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

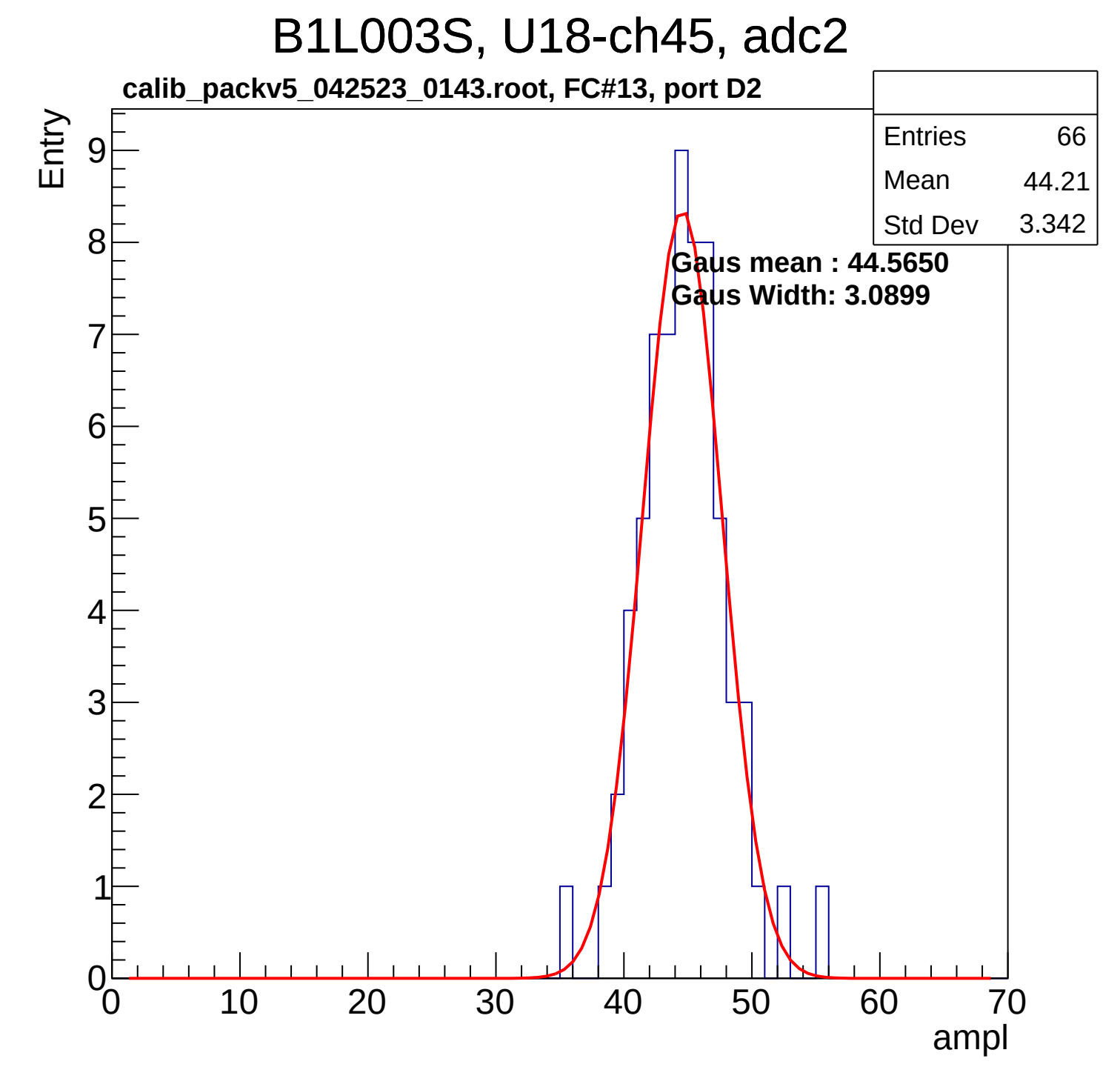

B1L003S, U18-ch44, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.51
Std Dev 9.133
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

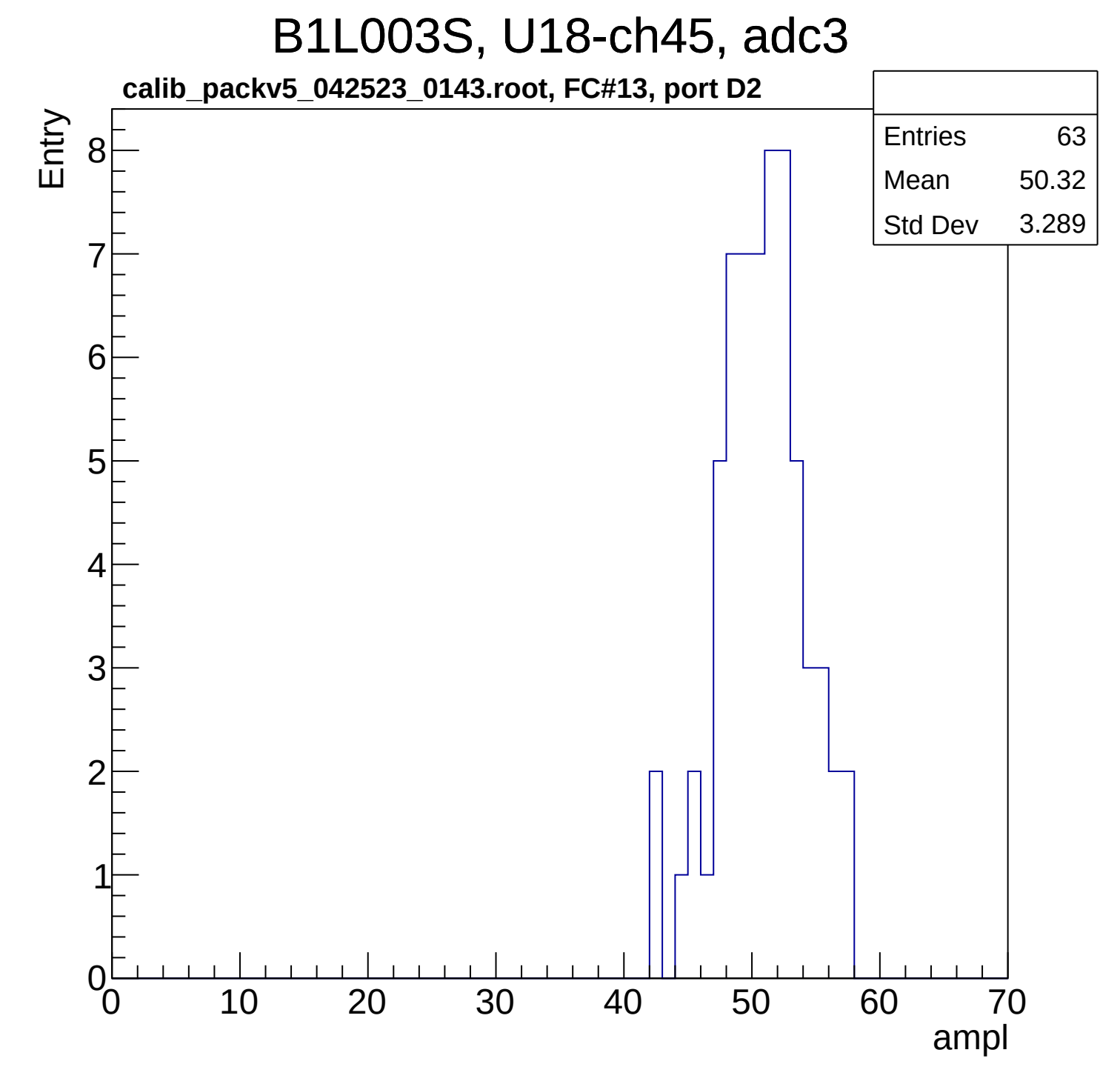

B1L003S, U18-ch44, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

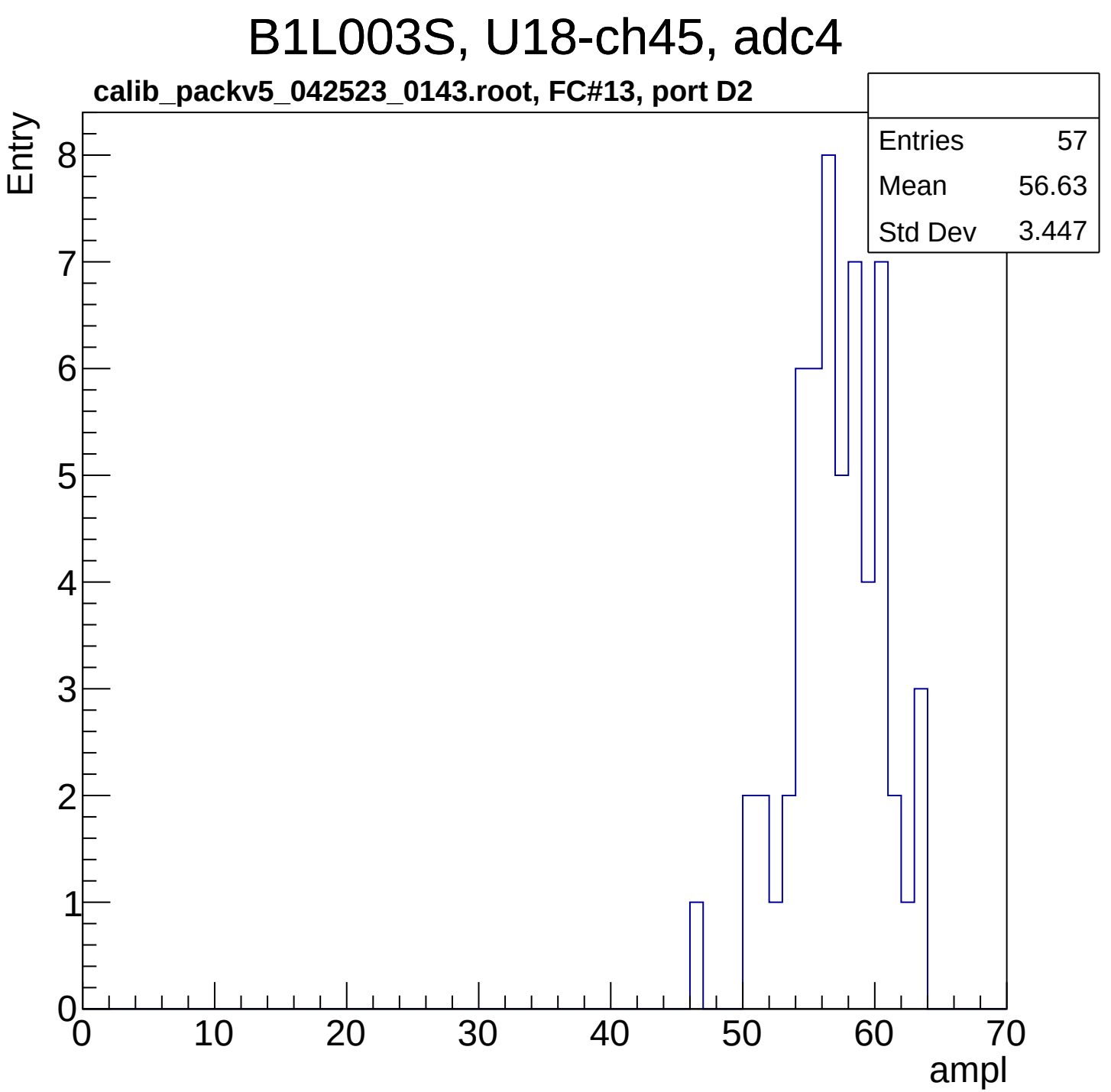

B1L003S, U18-ch44, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

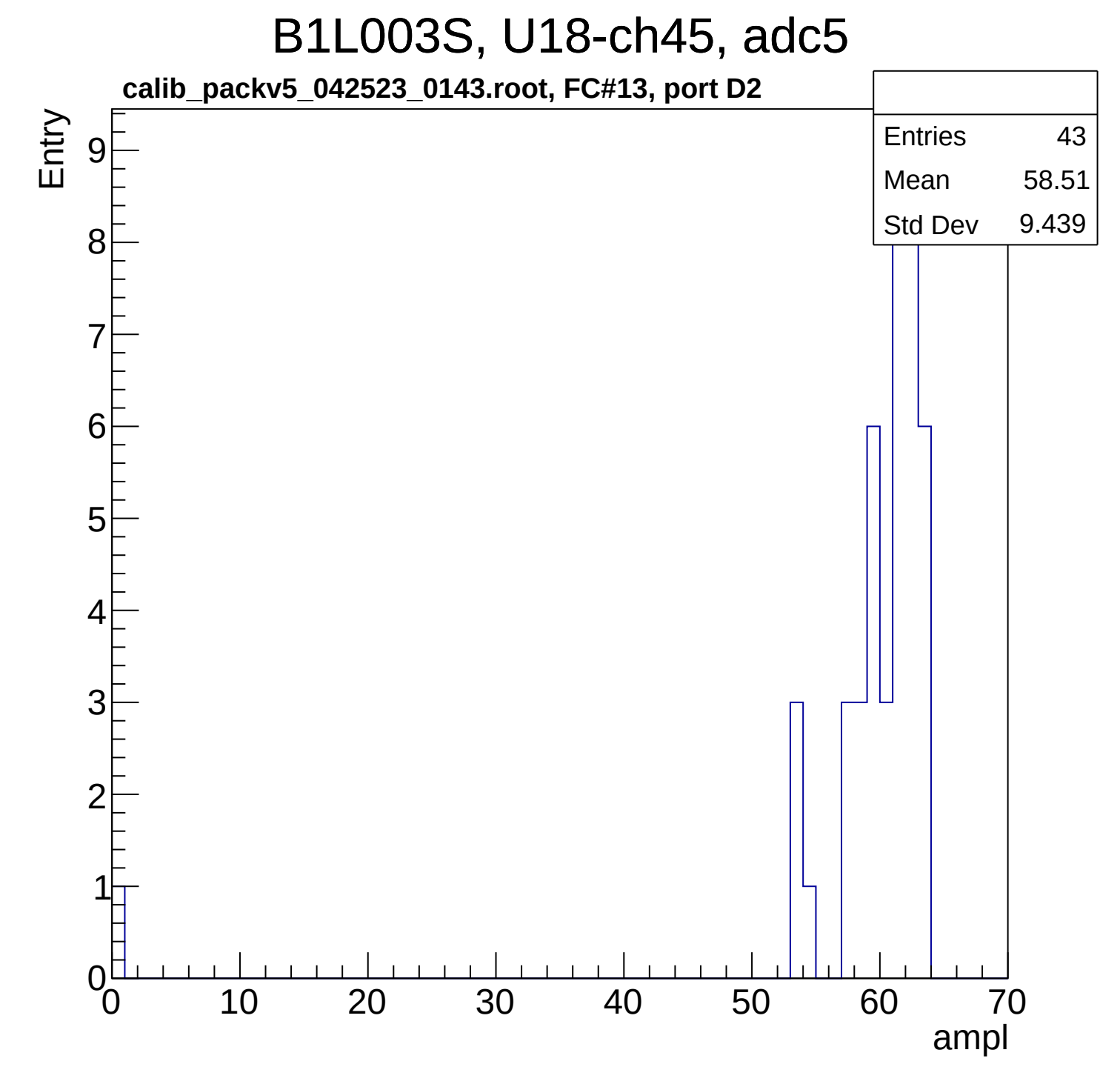

B1L003S, U18-ch45, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 29.53
Std Dev 5.642
Gaus mean : 31.1315
Gaus Width: 3.1871
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

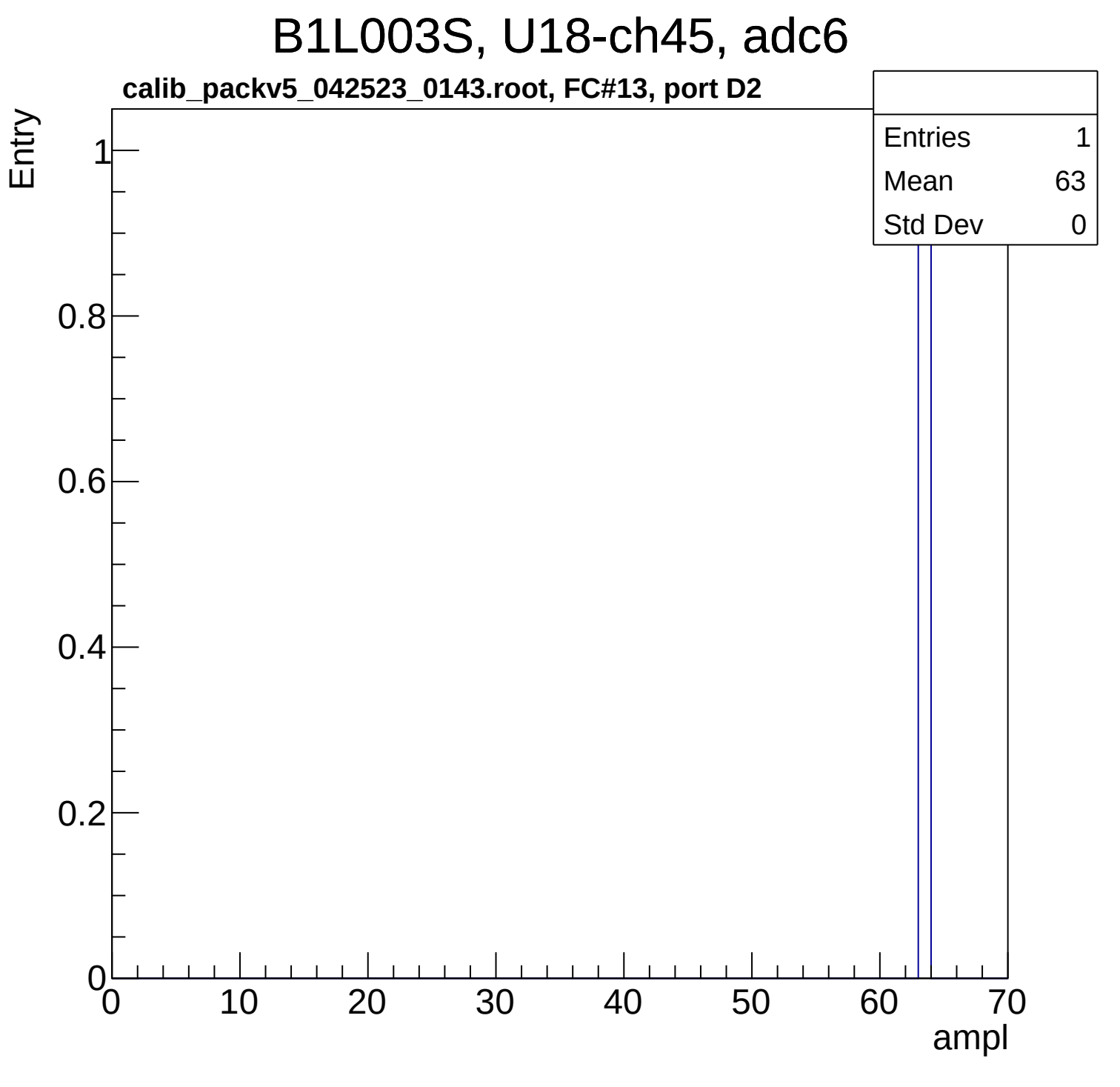

B1L003S, U18-ch45, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 37.36
Std Dev 2.739
Gaus mean : 37.7404
Gaus Width: 2.7404
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

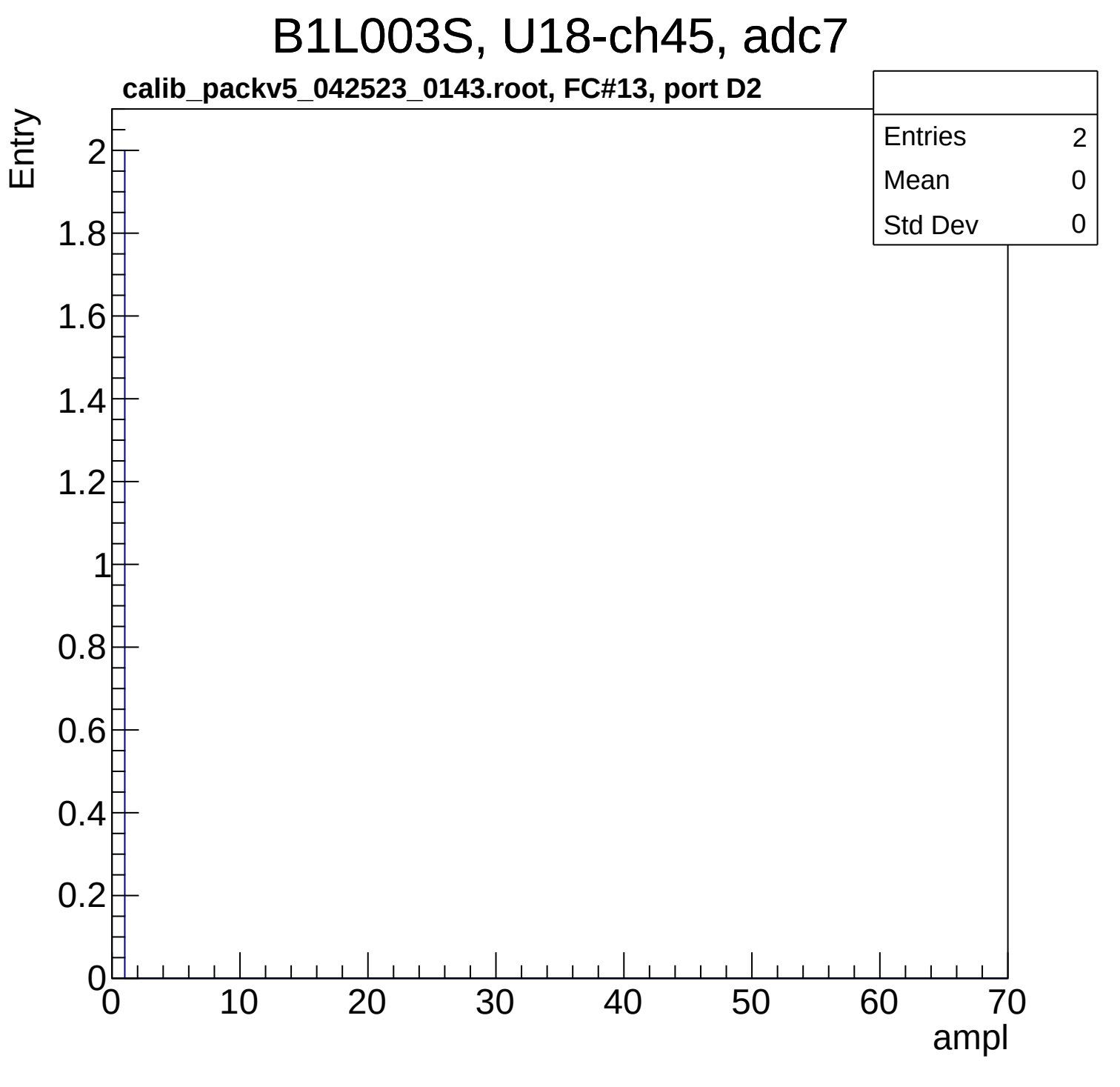

B1L003S, U18-ch45, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 44.21
Std Dev 3.342
Gaus mean : 44.5650
Gaus Width: 3.0899
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

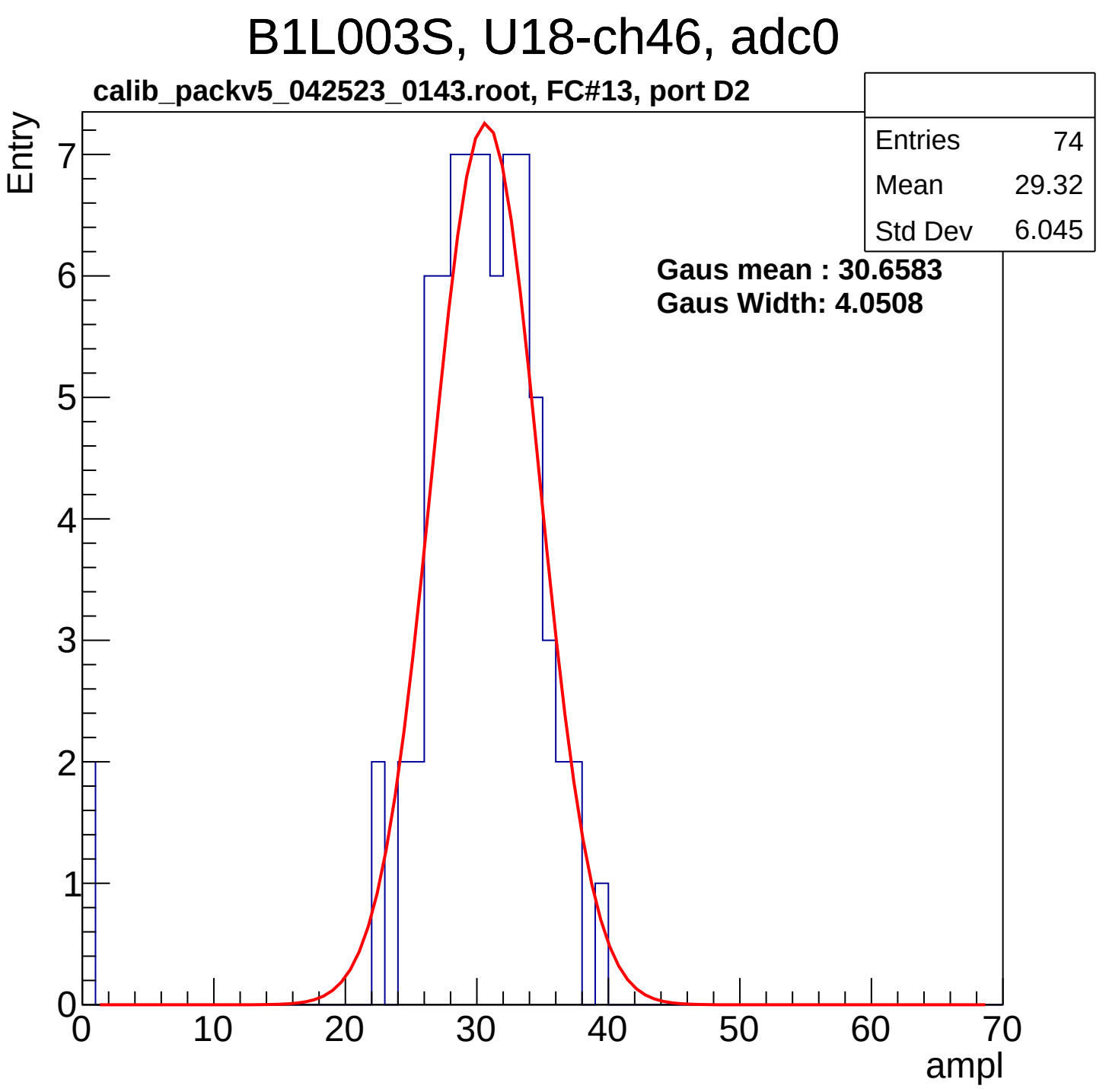

B1L003S, U18-ch45, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 50.32
Std Dev 3.289
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

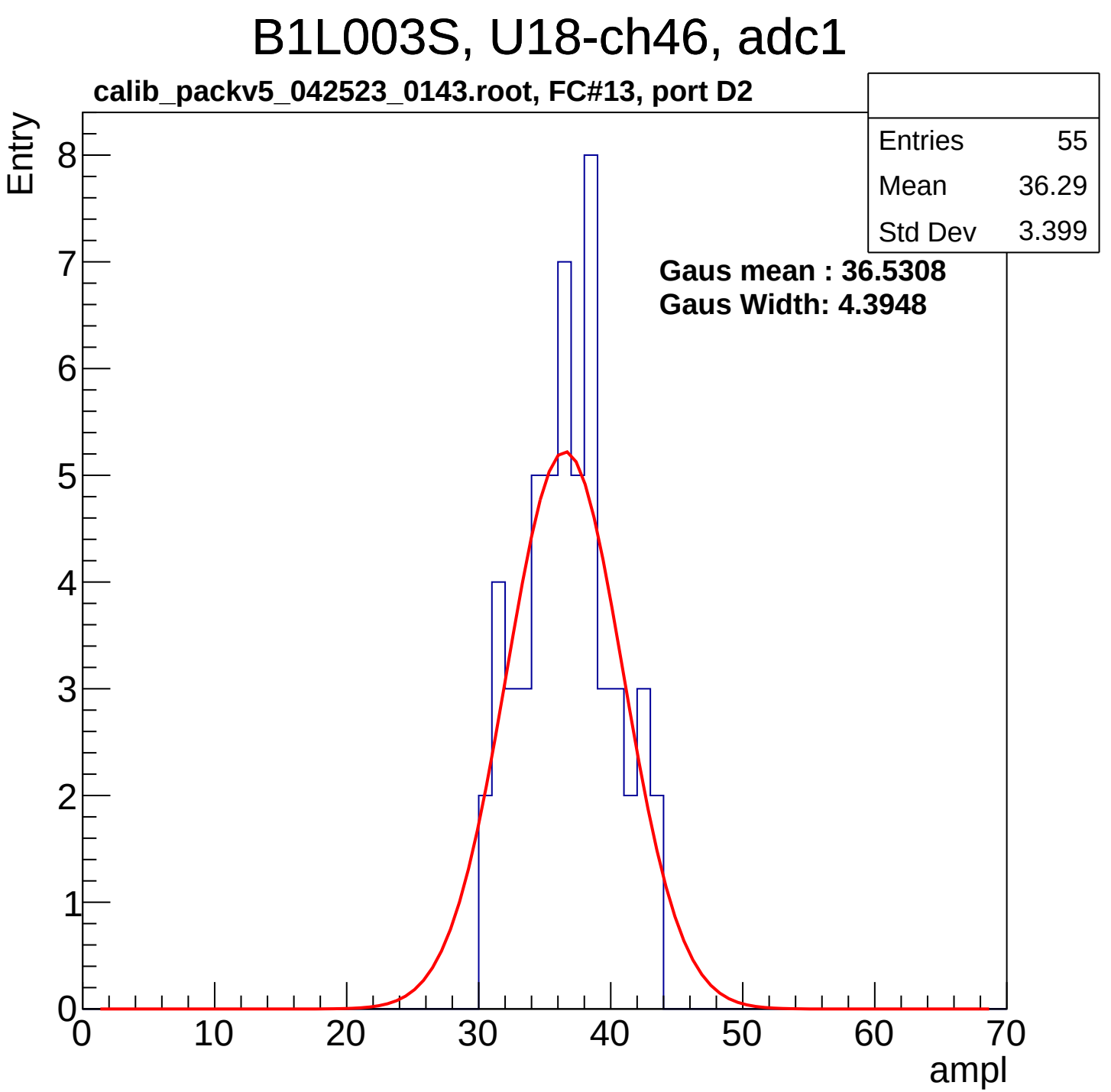

B1L003S, U18-ch45, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 56.63
Std Dev 3.447
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

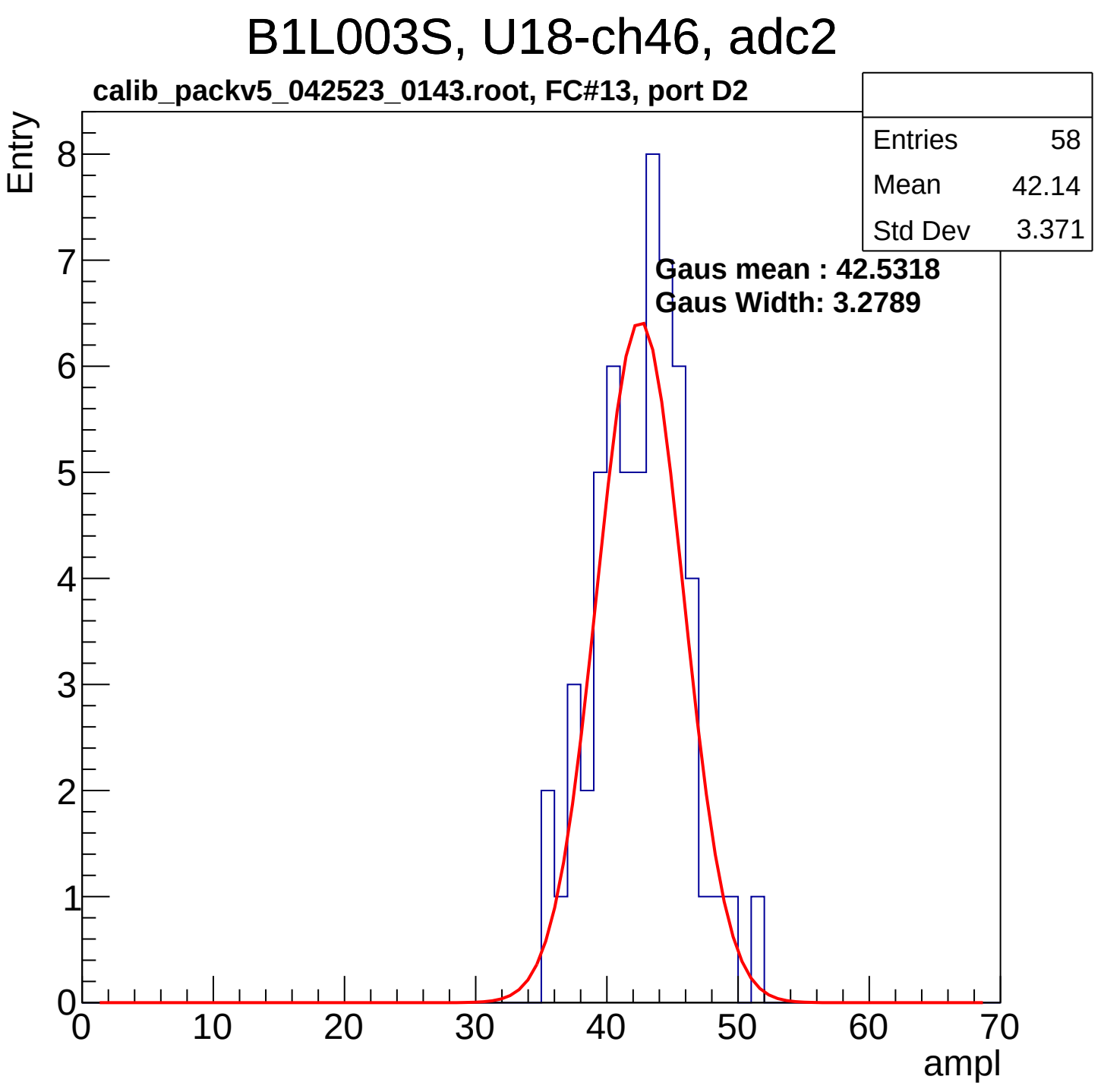

B1L003S, U18-ch45, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 58.51
Std Dev 9.439
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

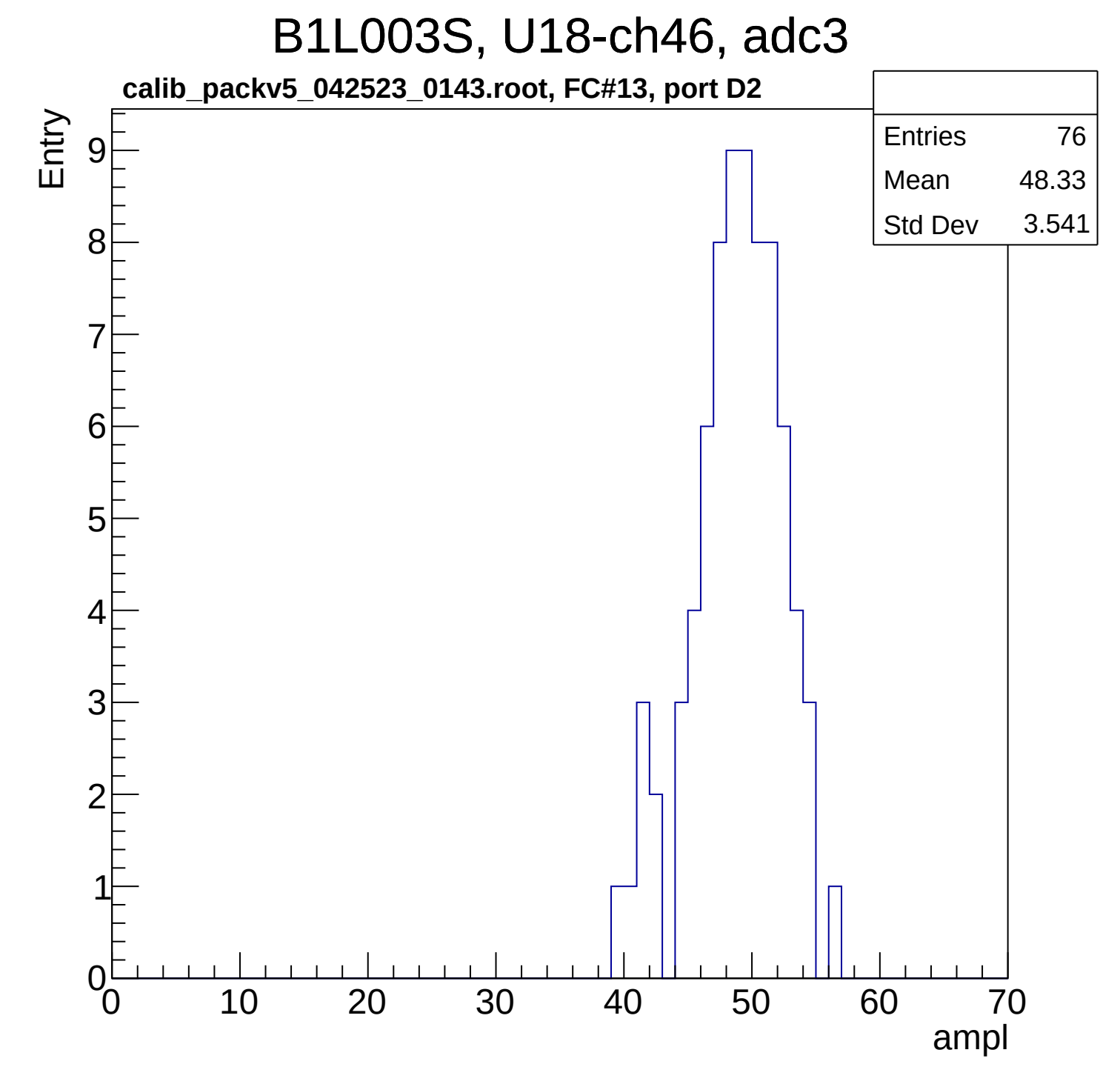

B1L003S, U18-ch45, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

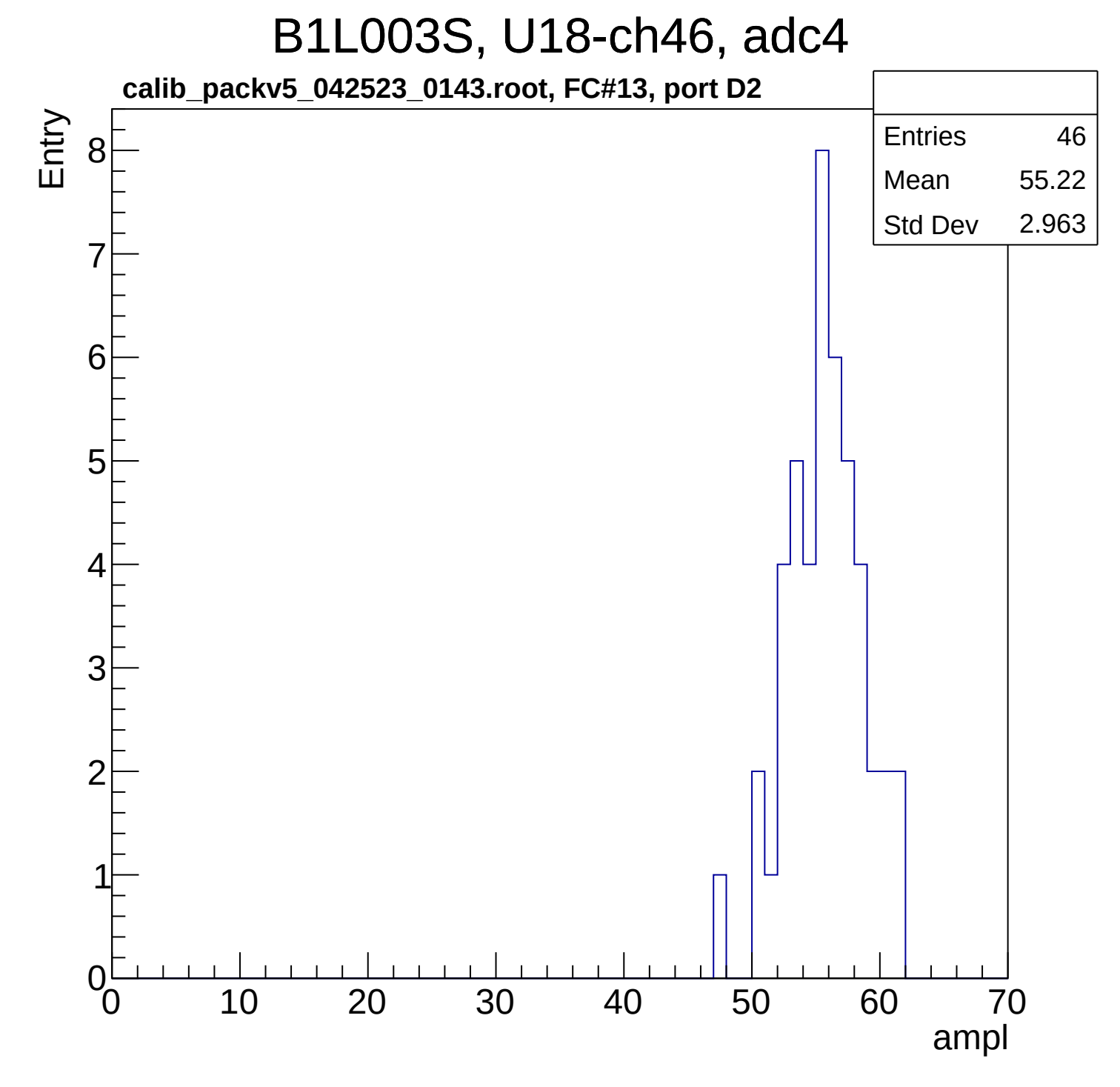

B1L003S, U18-ch45, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

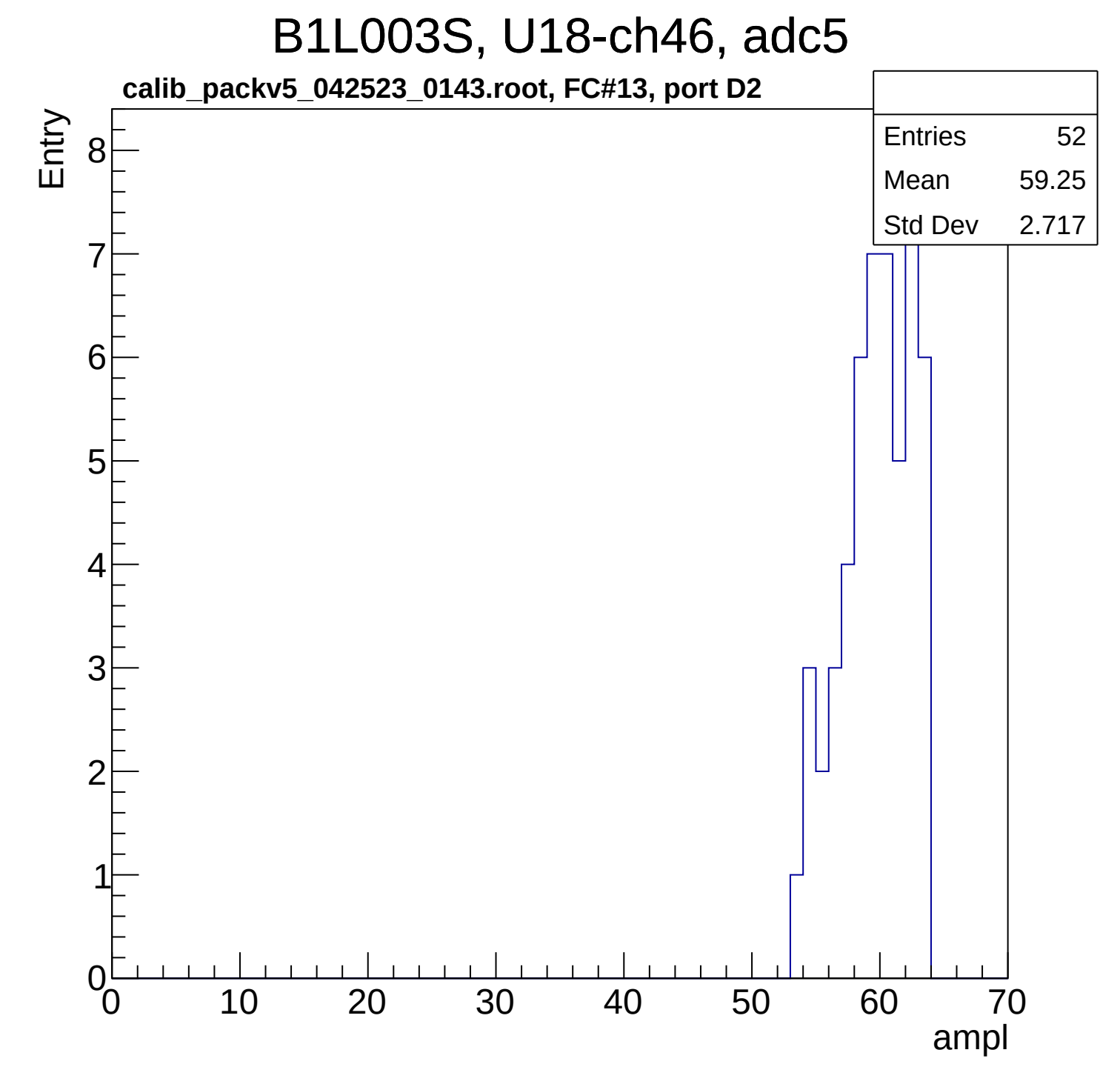

B1L003S, U18-ch46, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 29.32
Std Dev 6.045
Gaus mean : 30.6583
Gaus Width: 4.0508
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

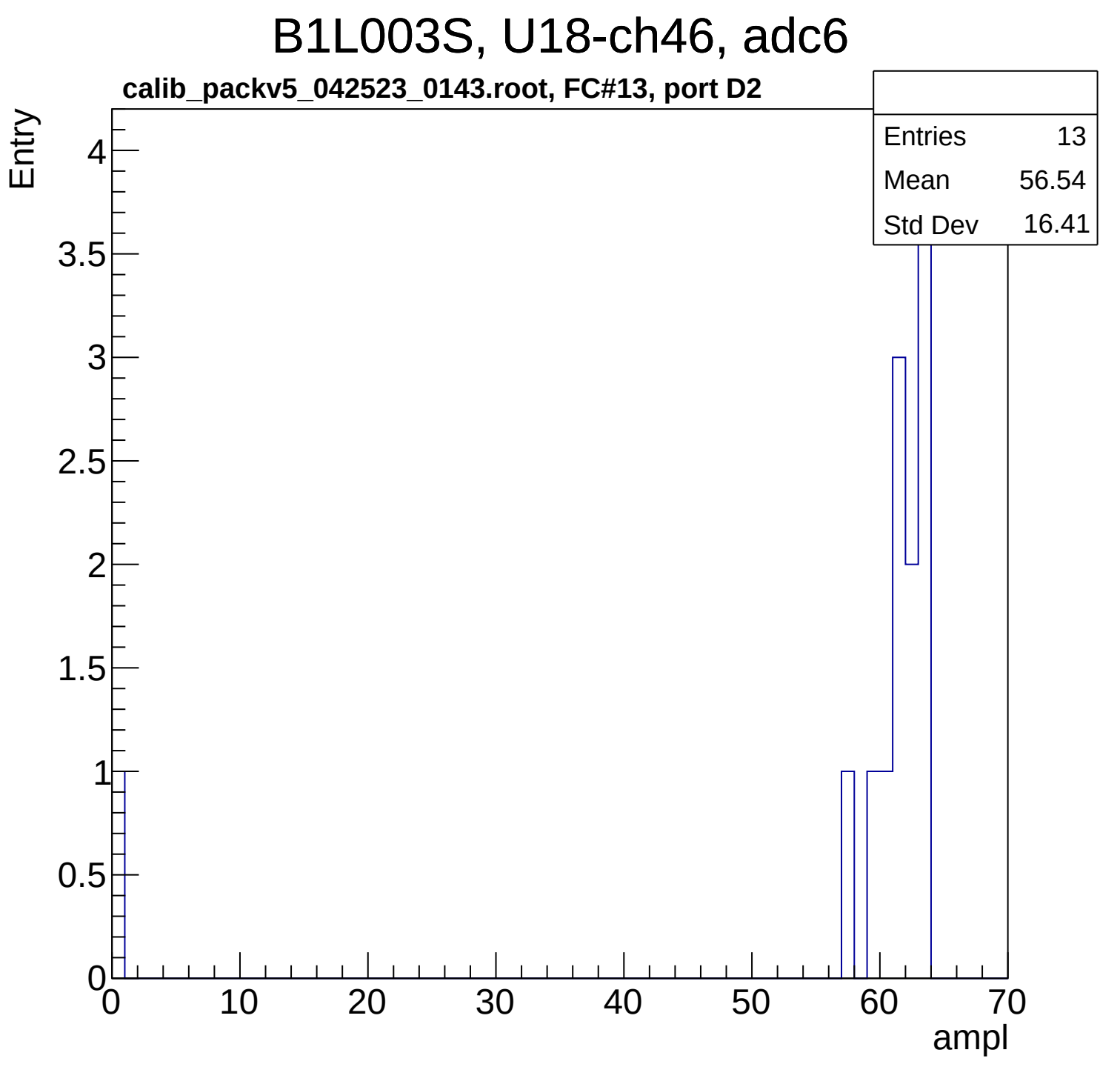

B1L003S, U18-ch46, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 36.29
Std Dev 3.399
Gaus mean : 36.5308
Gaus Width: 4.3948
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

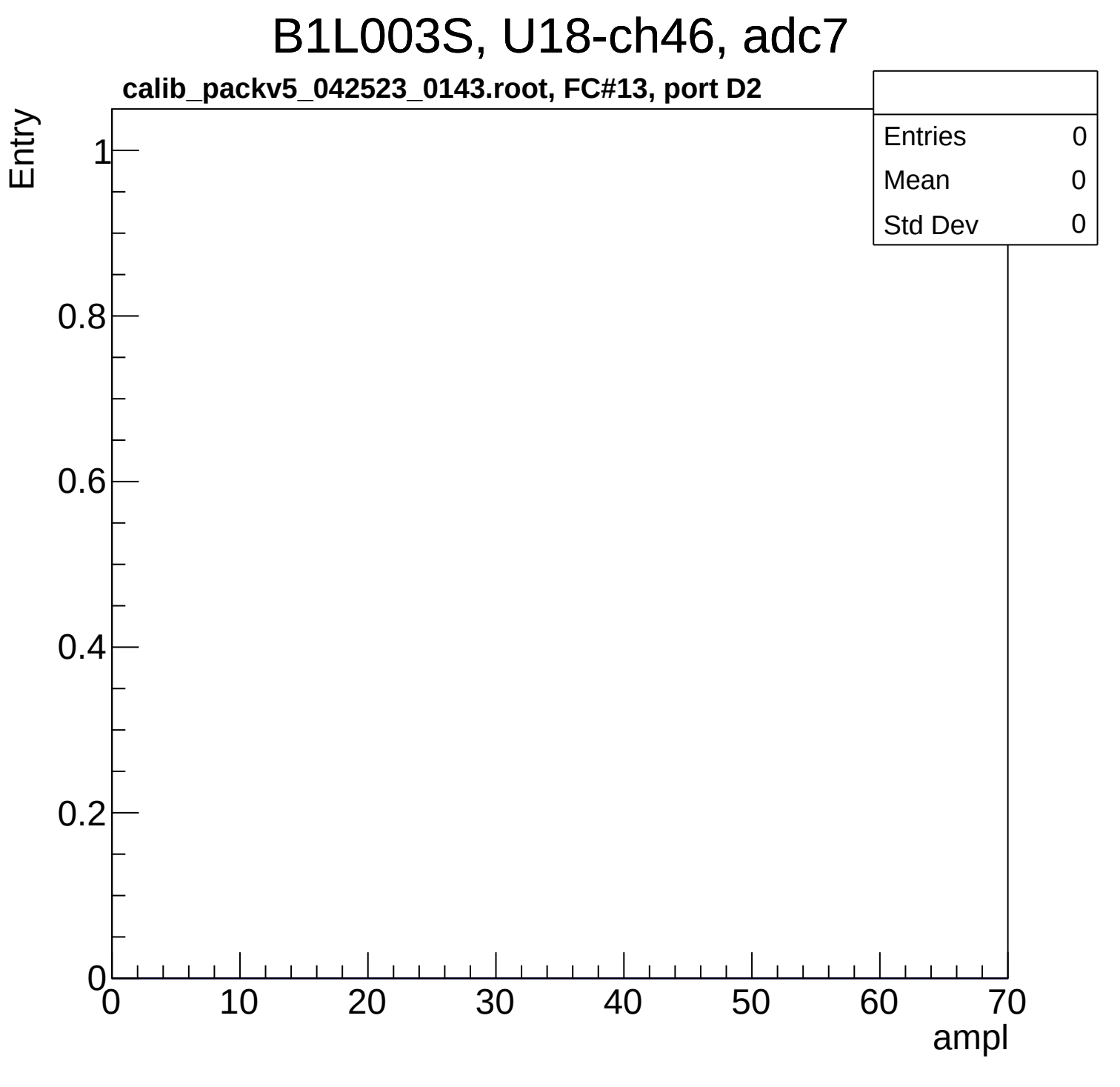

B1L003S, U18-ch46, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 42.14
Std Dev 3.371
Gaus mean : 42.5318
Gaus Width: 3.2789
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

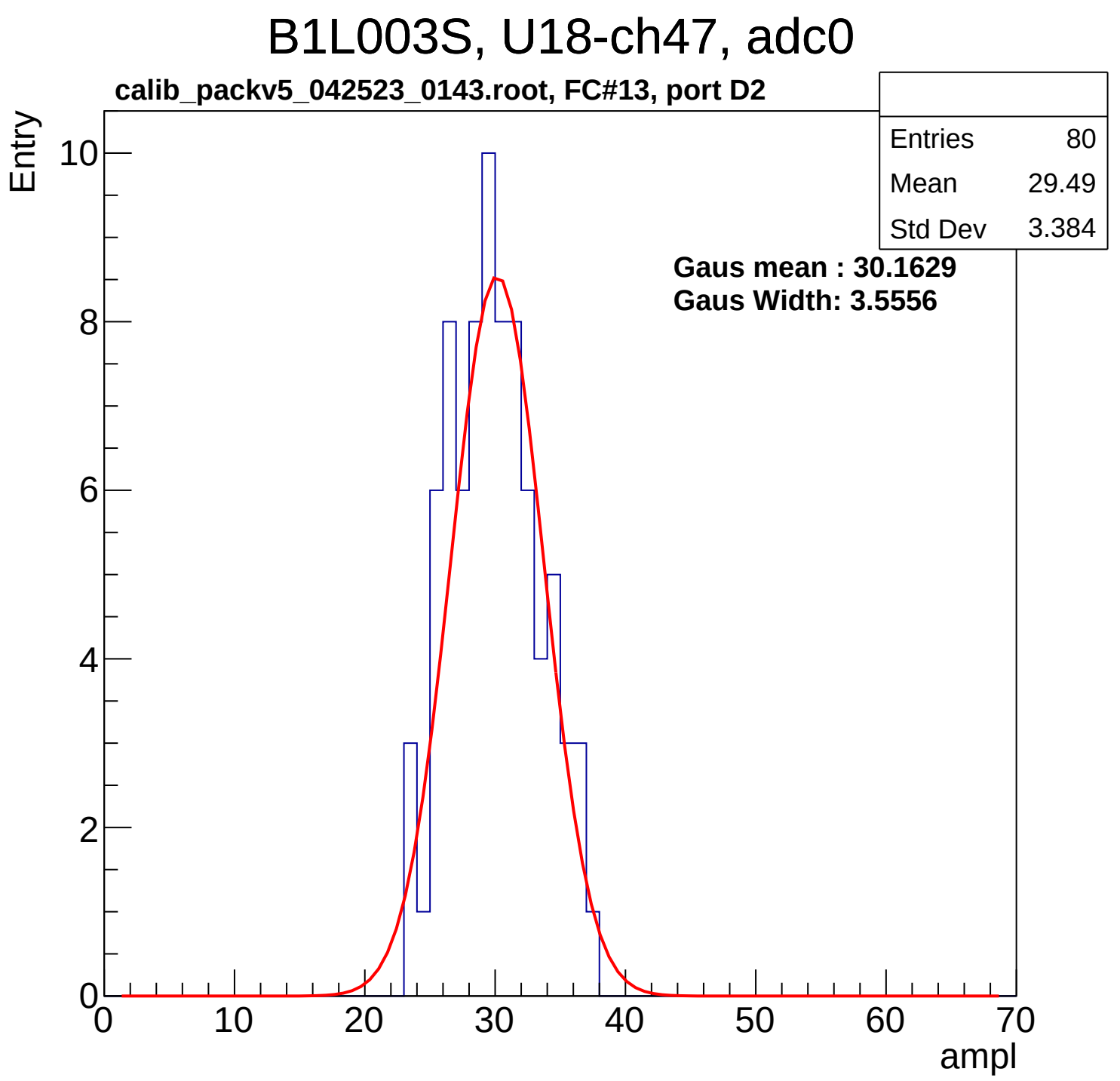

B1L003S, U18-ch46, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 48.33
Std Dev 3.541
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

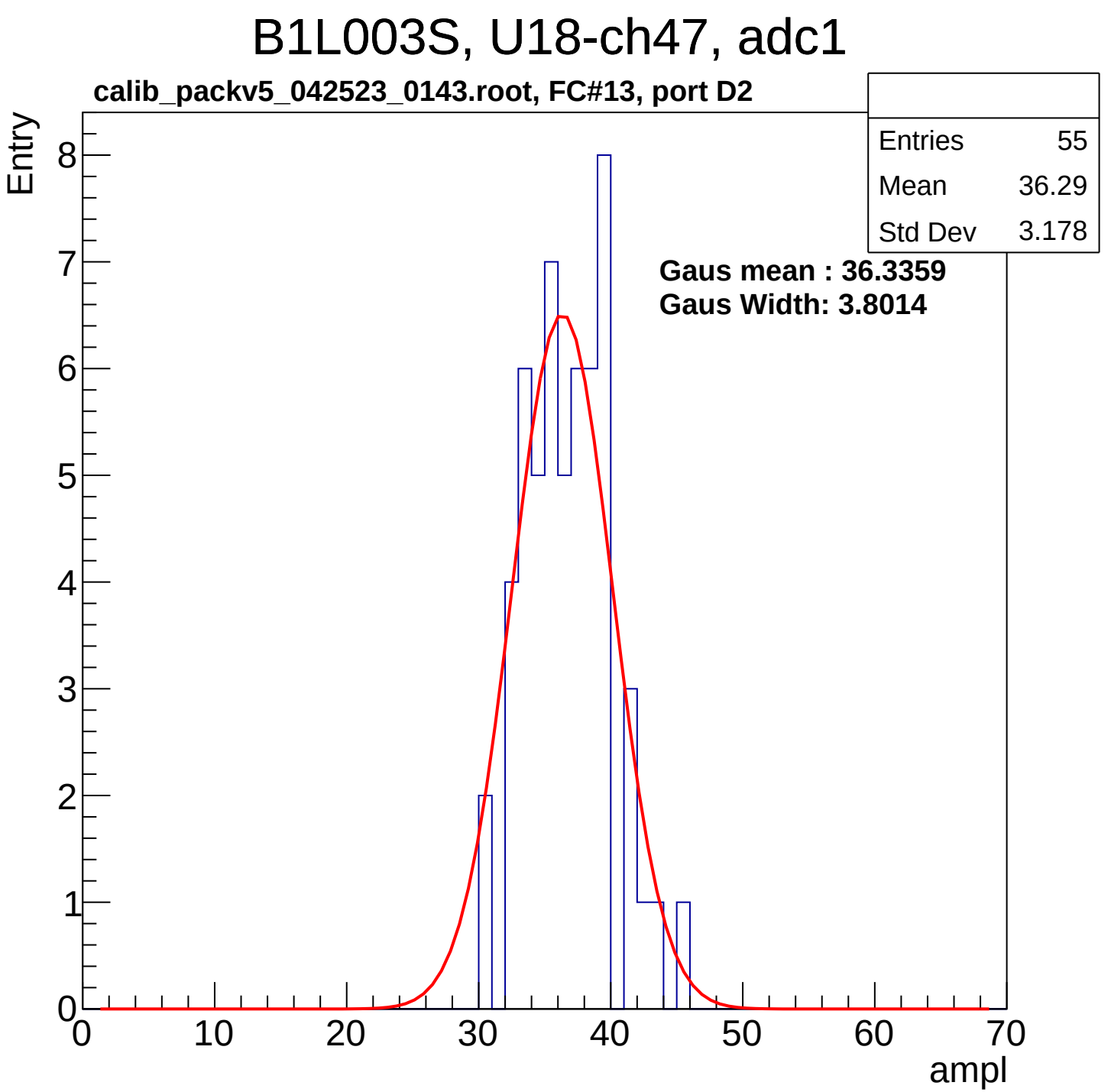

B1L003S, U18-ch46, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 55.22
Std Dev 2.963
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

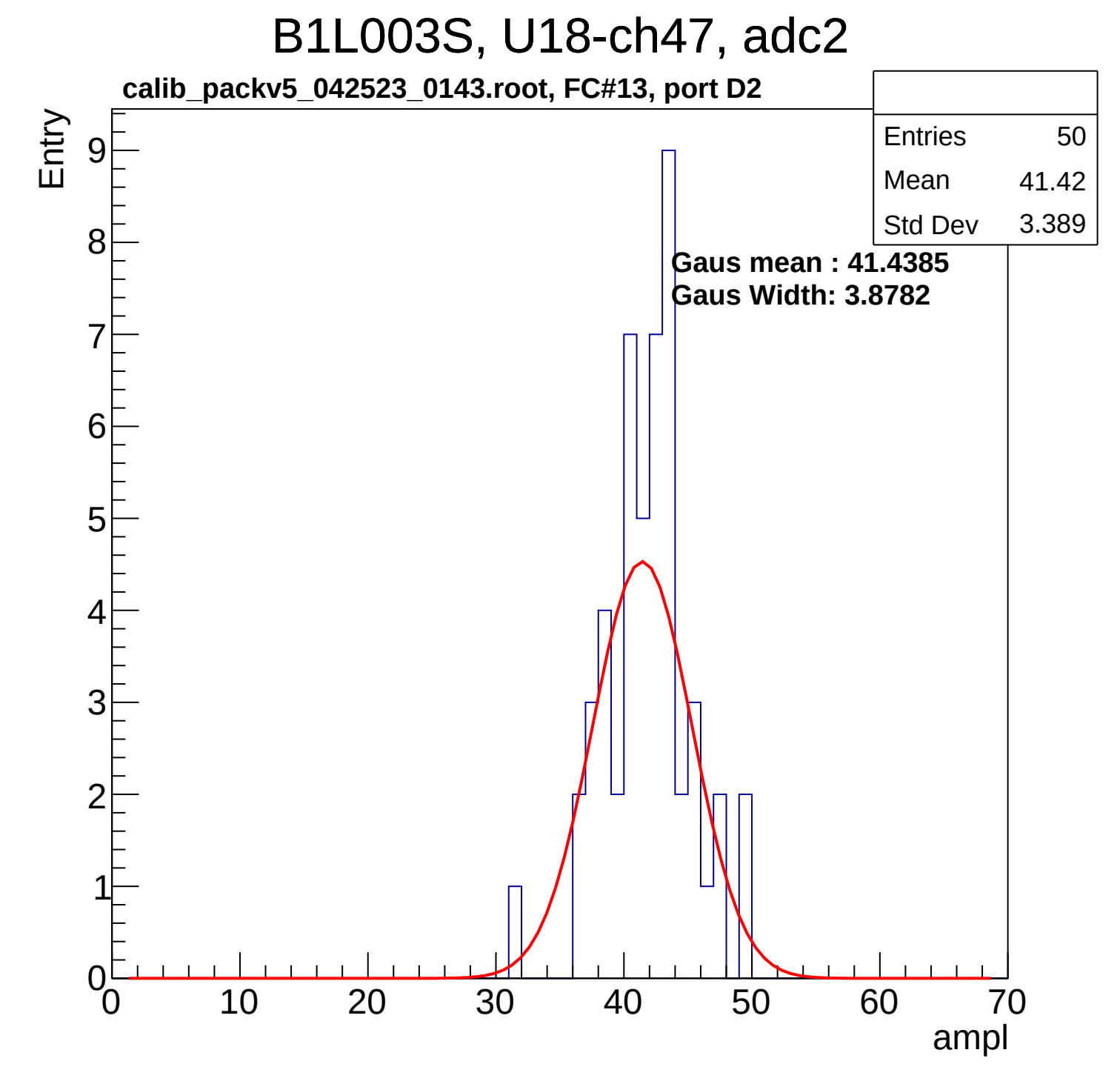

B1L003S, U18-ch46, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 59.25
Std Dev 2.717
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

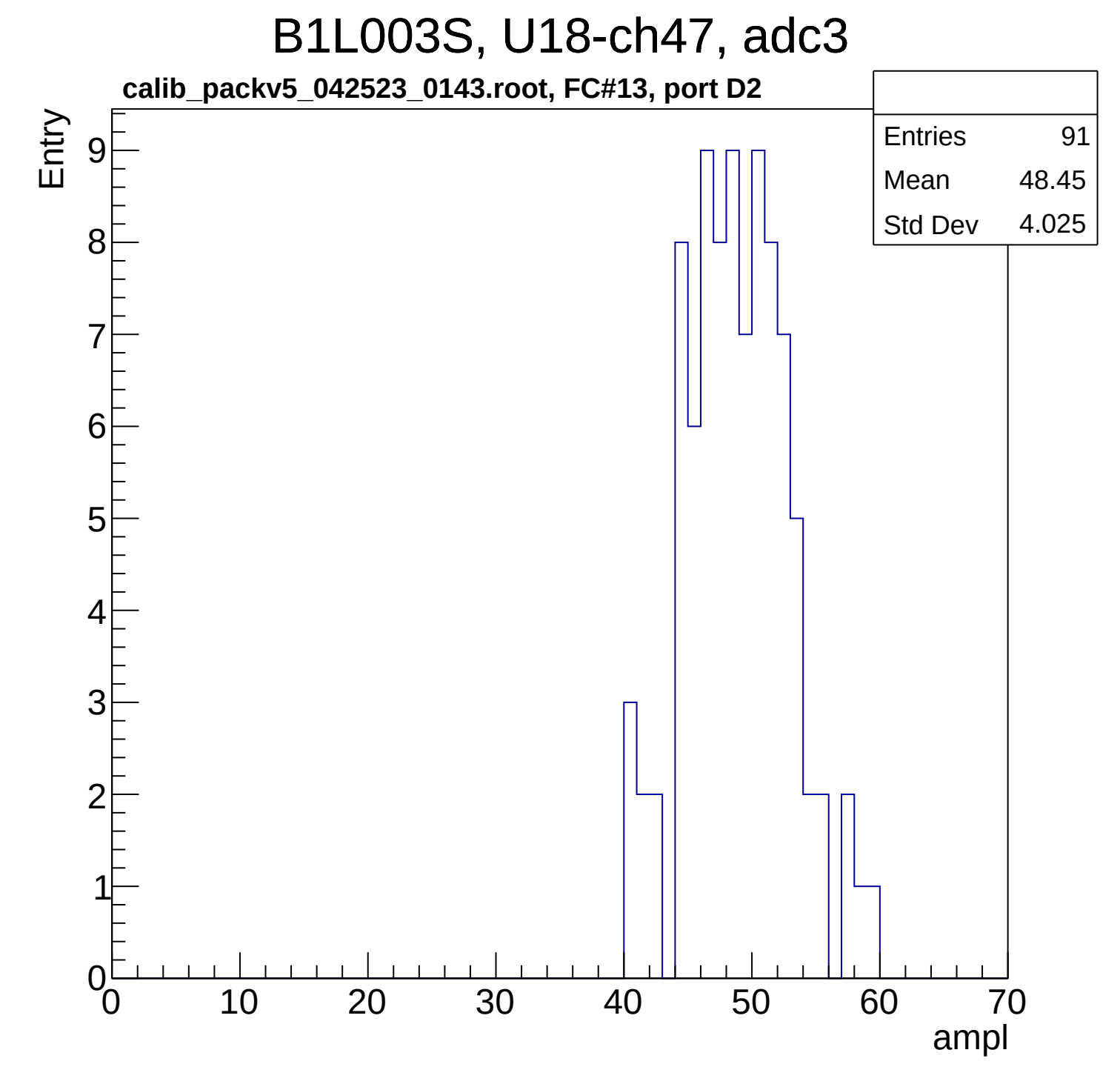

B1L003S, U18-ch46, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 56.54
Std Dev 16.41
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

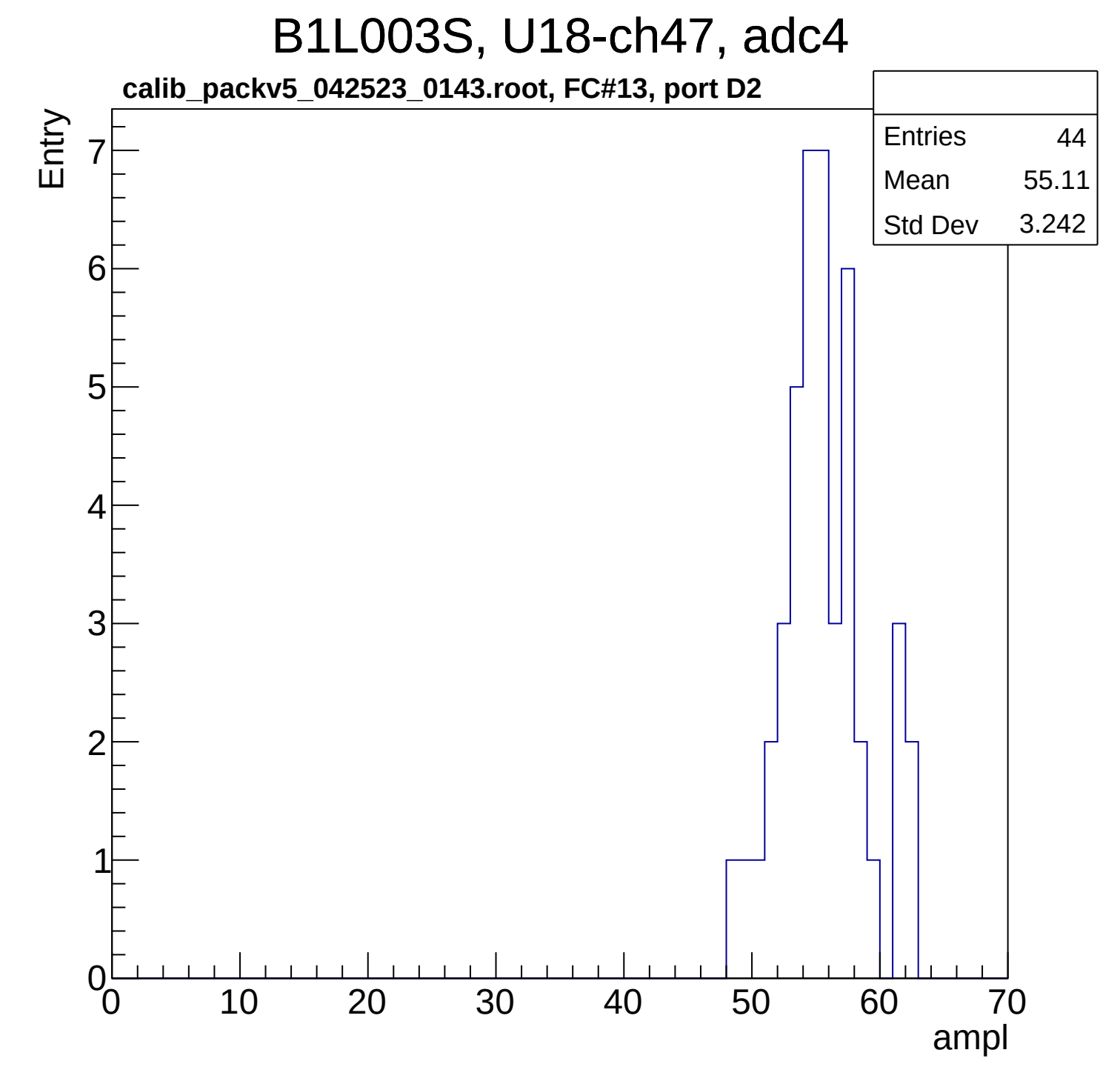

B1L003S, U18-ch46, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

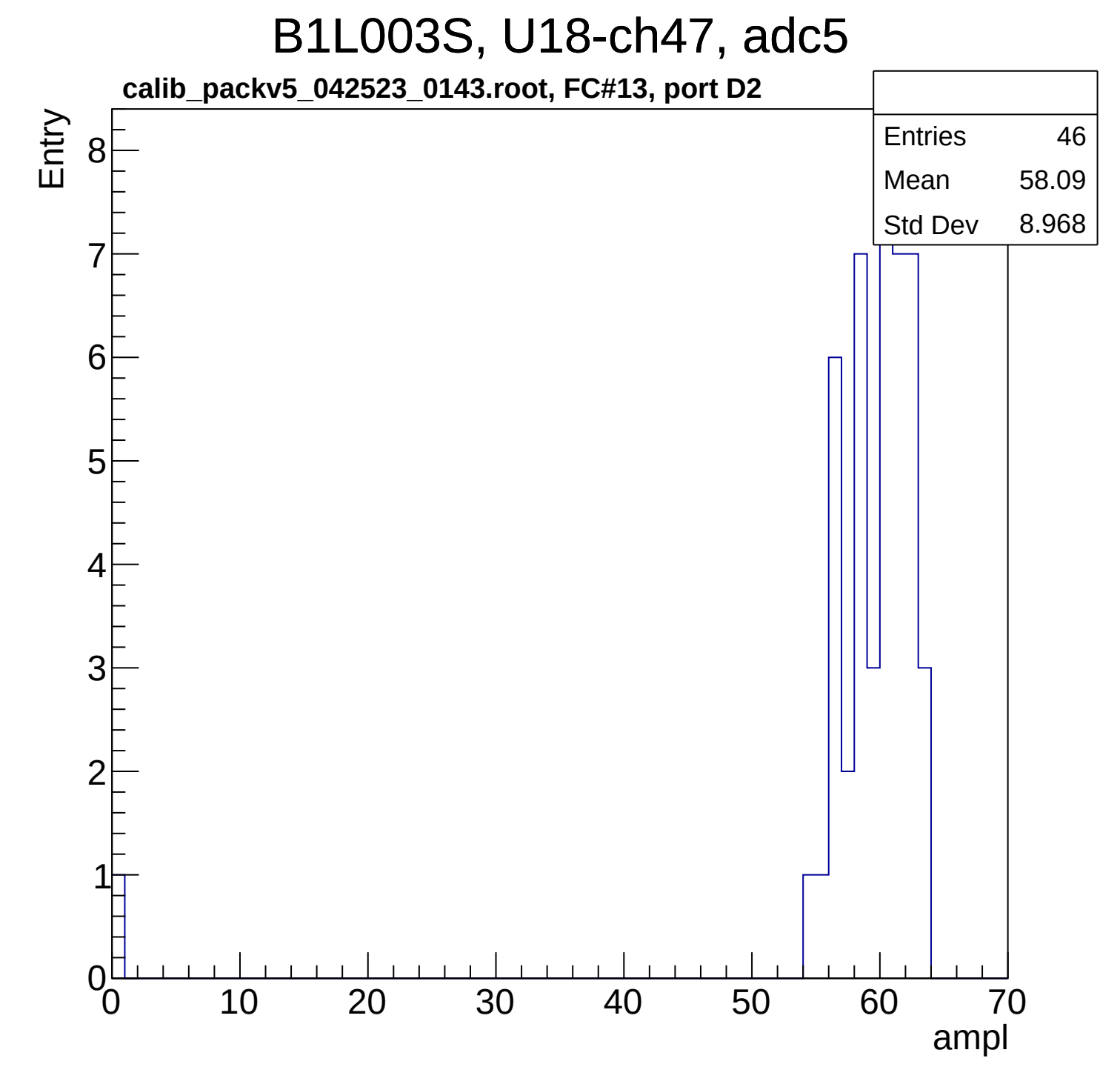

B1L003S, U18-ch47, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 29.49
Std Dev 3.384
Gaus mean : 30.1629
Gaus Width: 3.5556
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

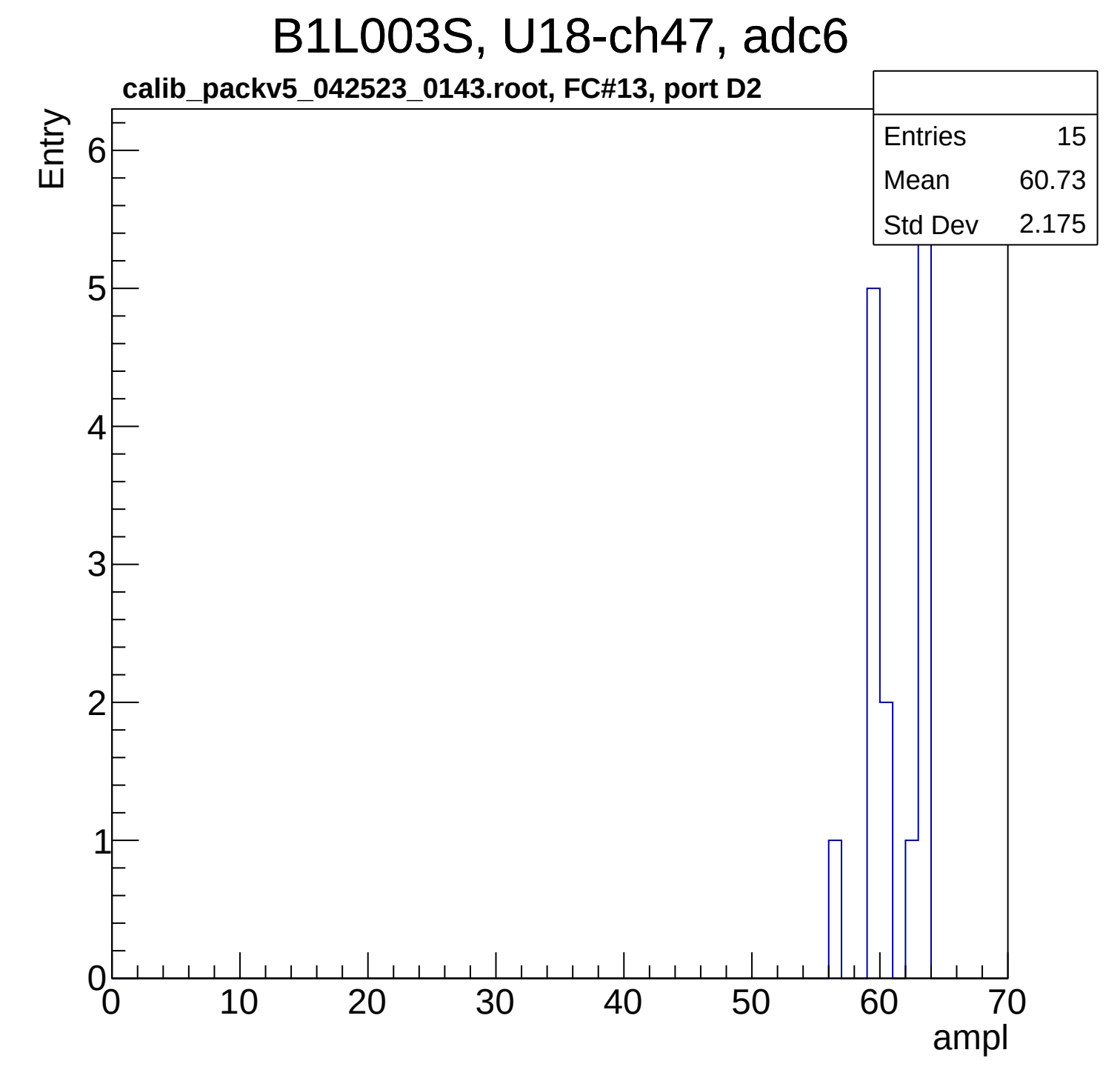

B1L003S, U18-ch47, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 36.29
Std Dev 3.178
Gaus mean : 36.3359
Gaus Width: 3.8014
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

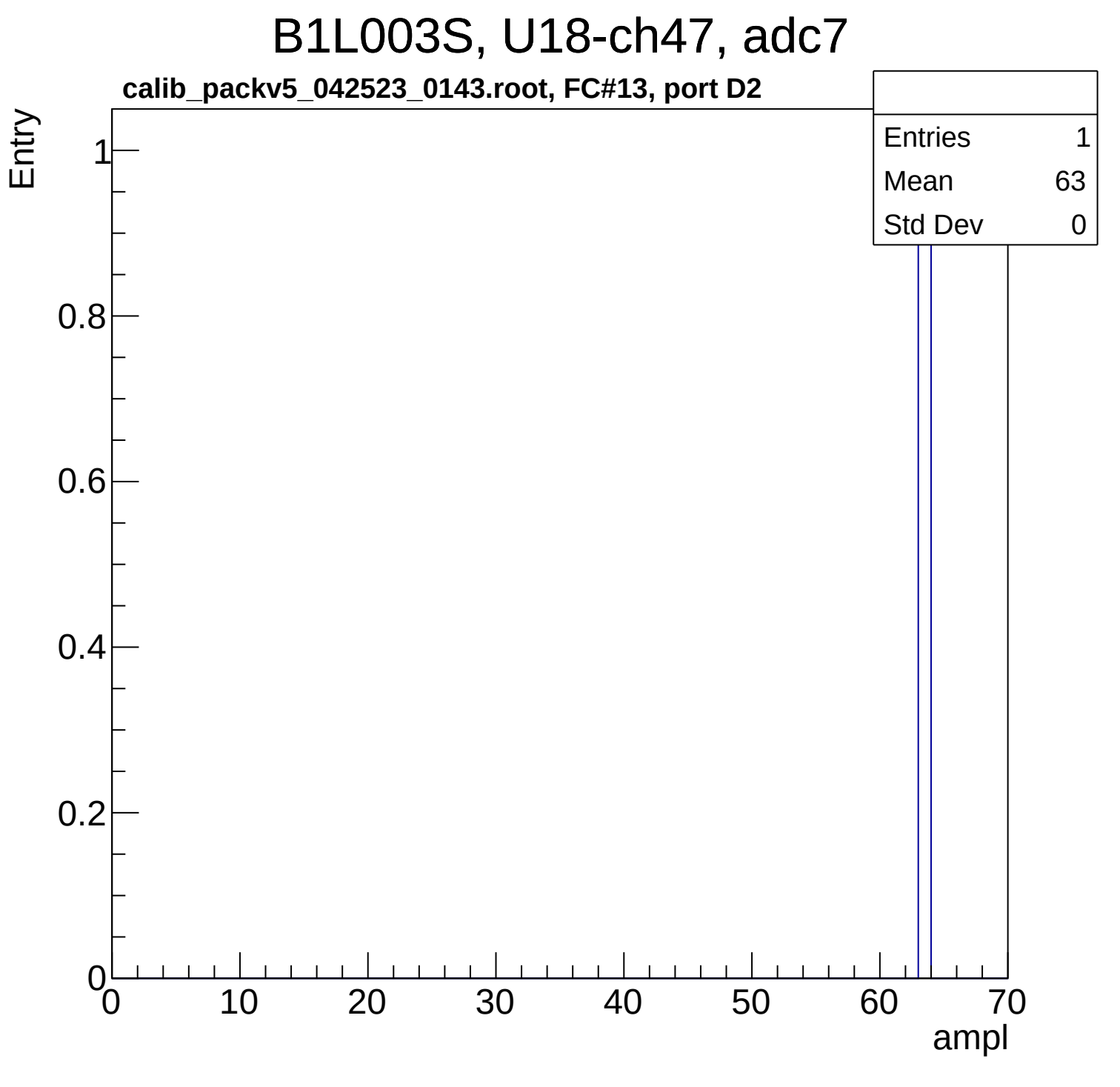

B1L003S, U18-ch47, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 41.42
Std Dev 3.389
Gaus mean : 41.4385
Gaus Width: 3.8782
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

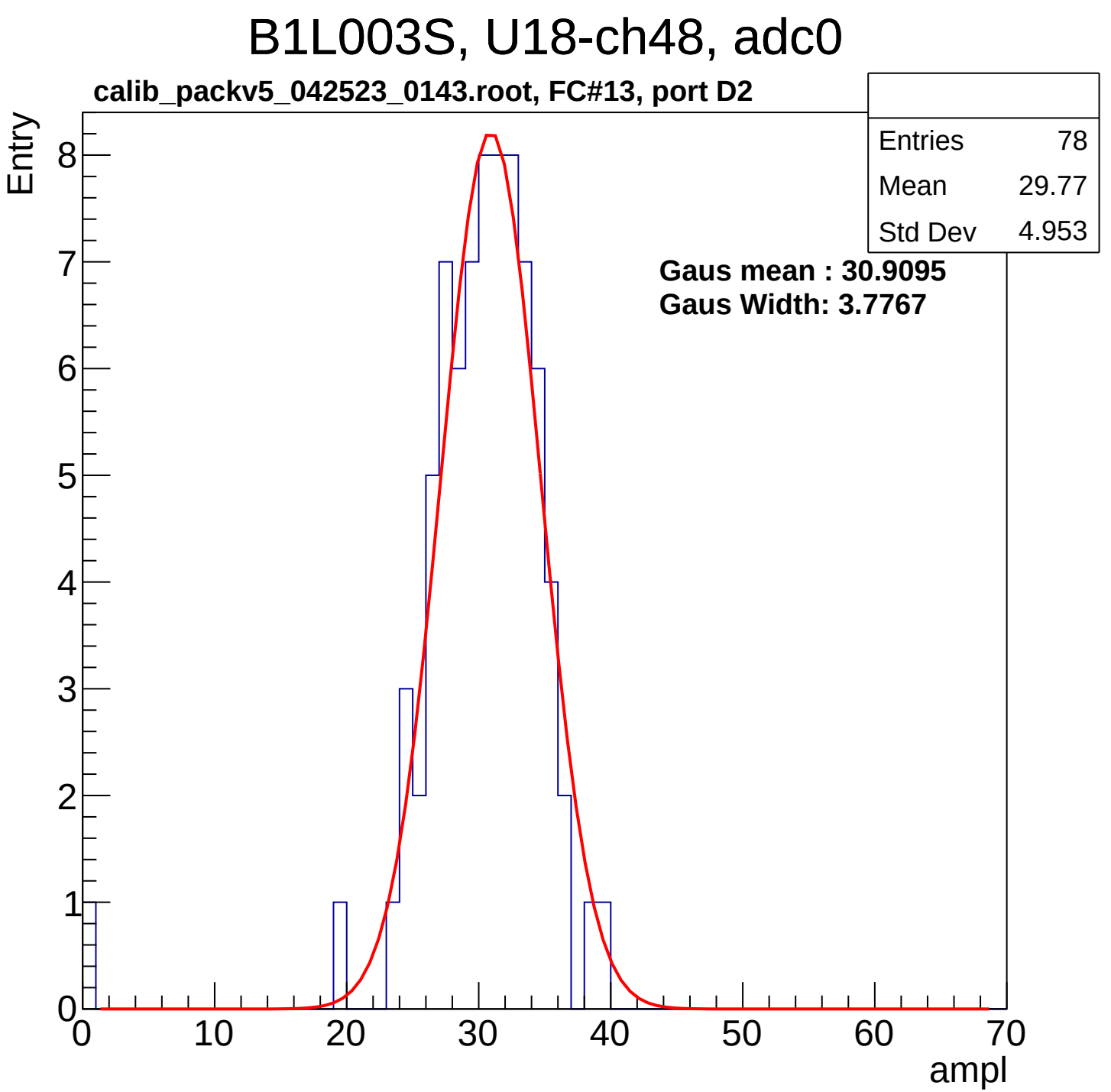

B1L003S, U18-ch47, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 91
Mean 48.45
Std Dev 4.025
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

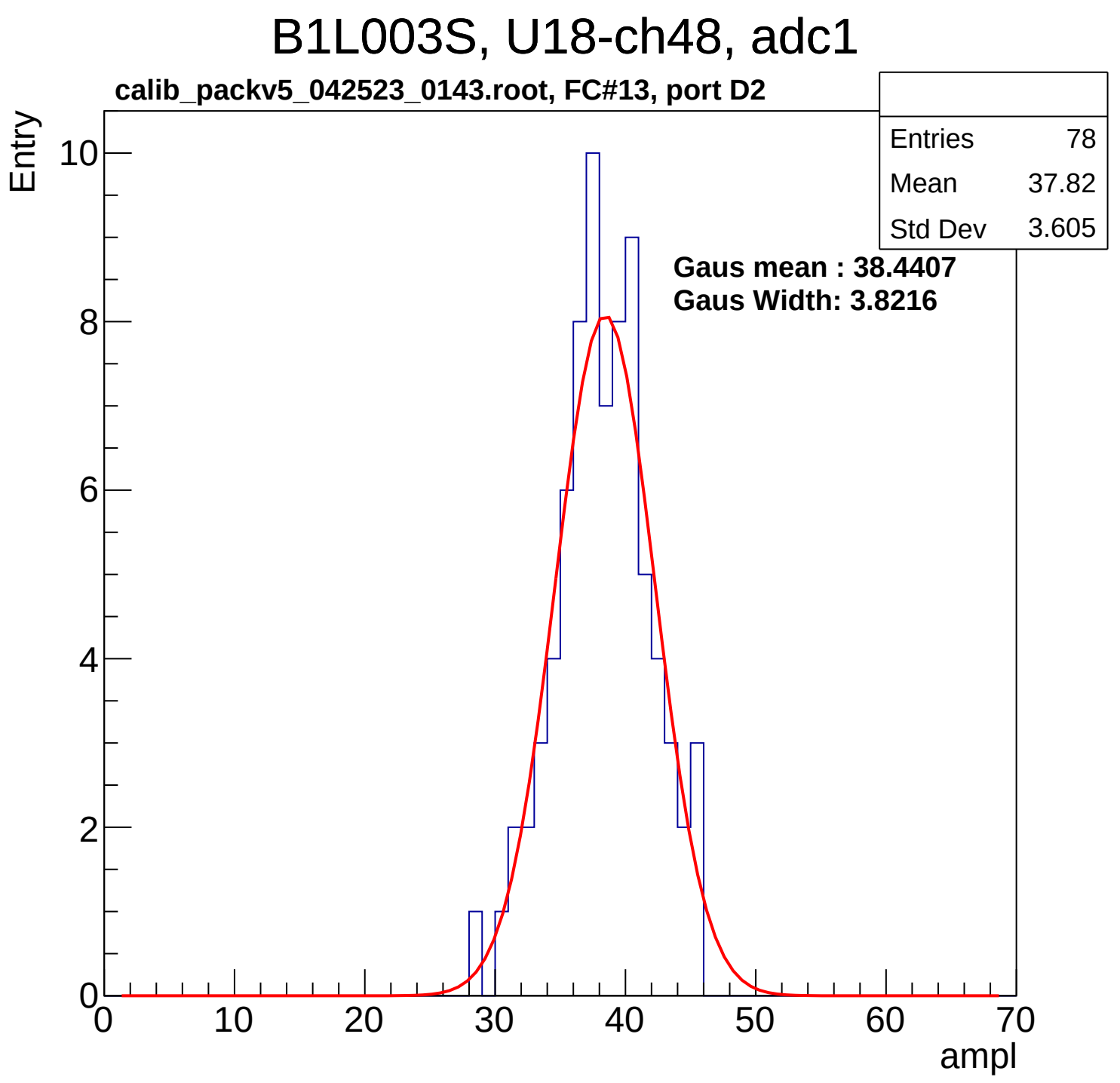

B1L003S, U18-ch47, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 55.11
Std Dev 3.242
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

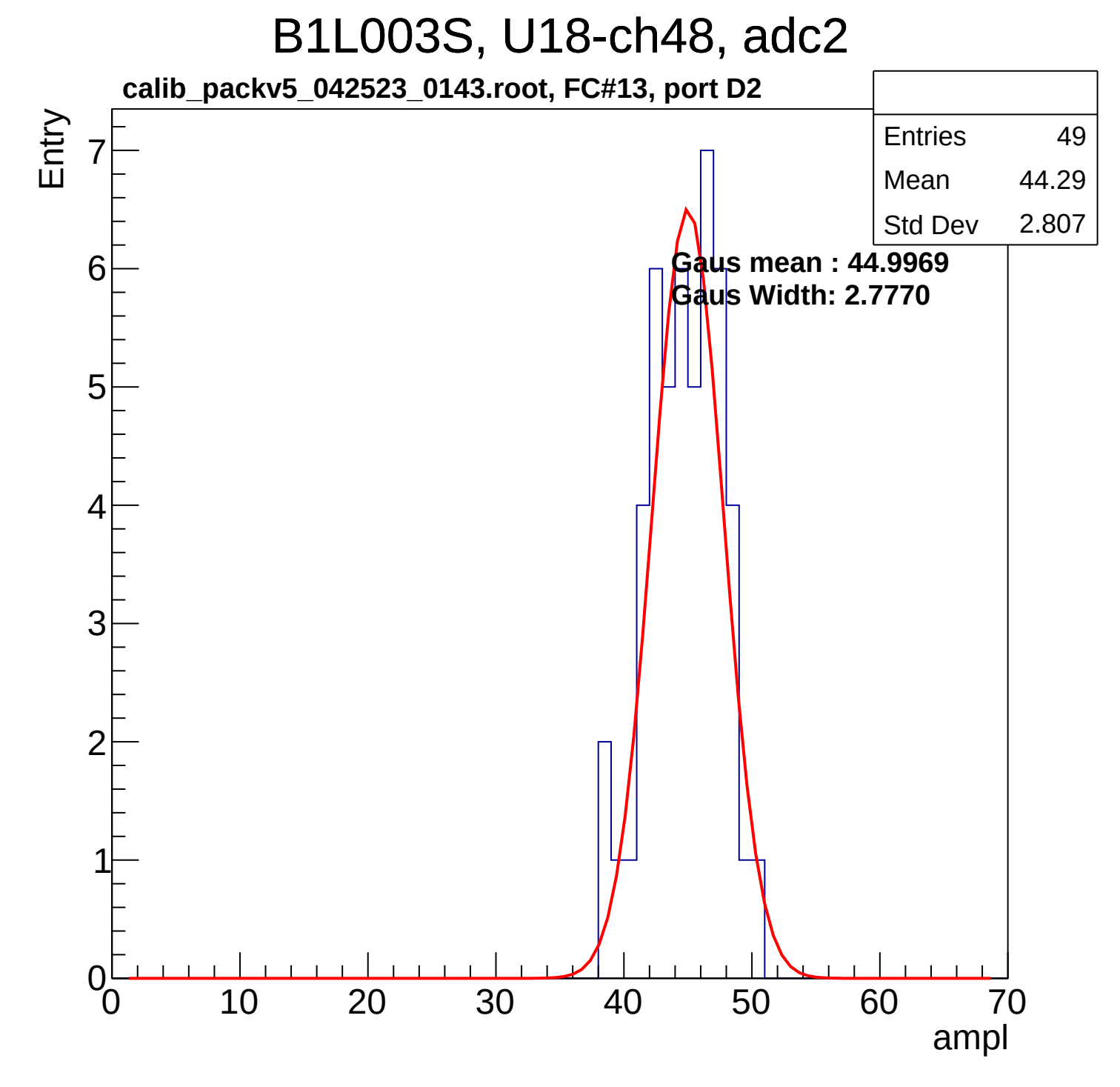

B1L003S, U18-ch47, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 58.09
Std Dev 8.968
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

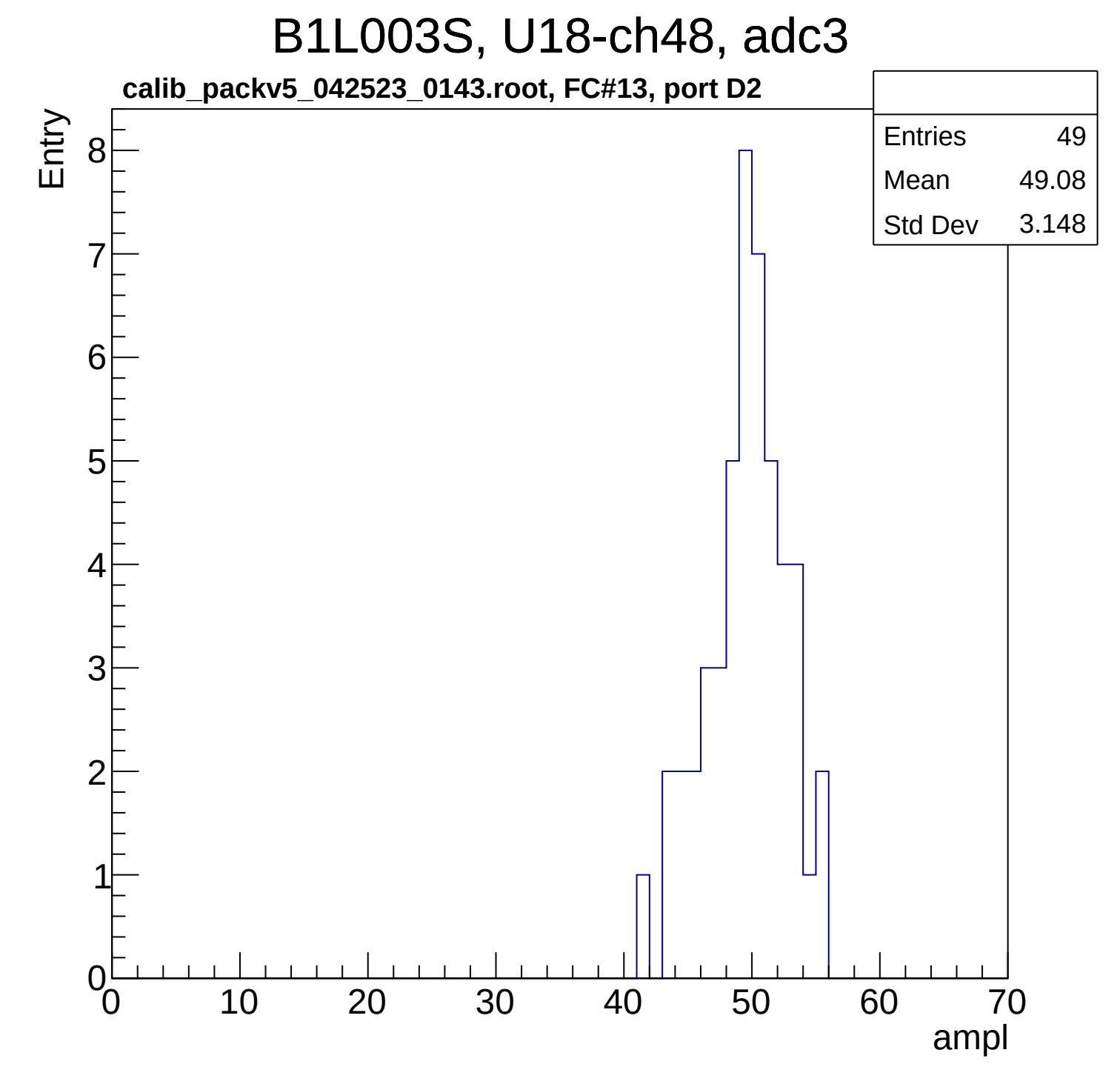

B1L003S, U18-ch47, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 15
Mean 60.73
Std Dev 2.175
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

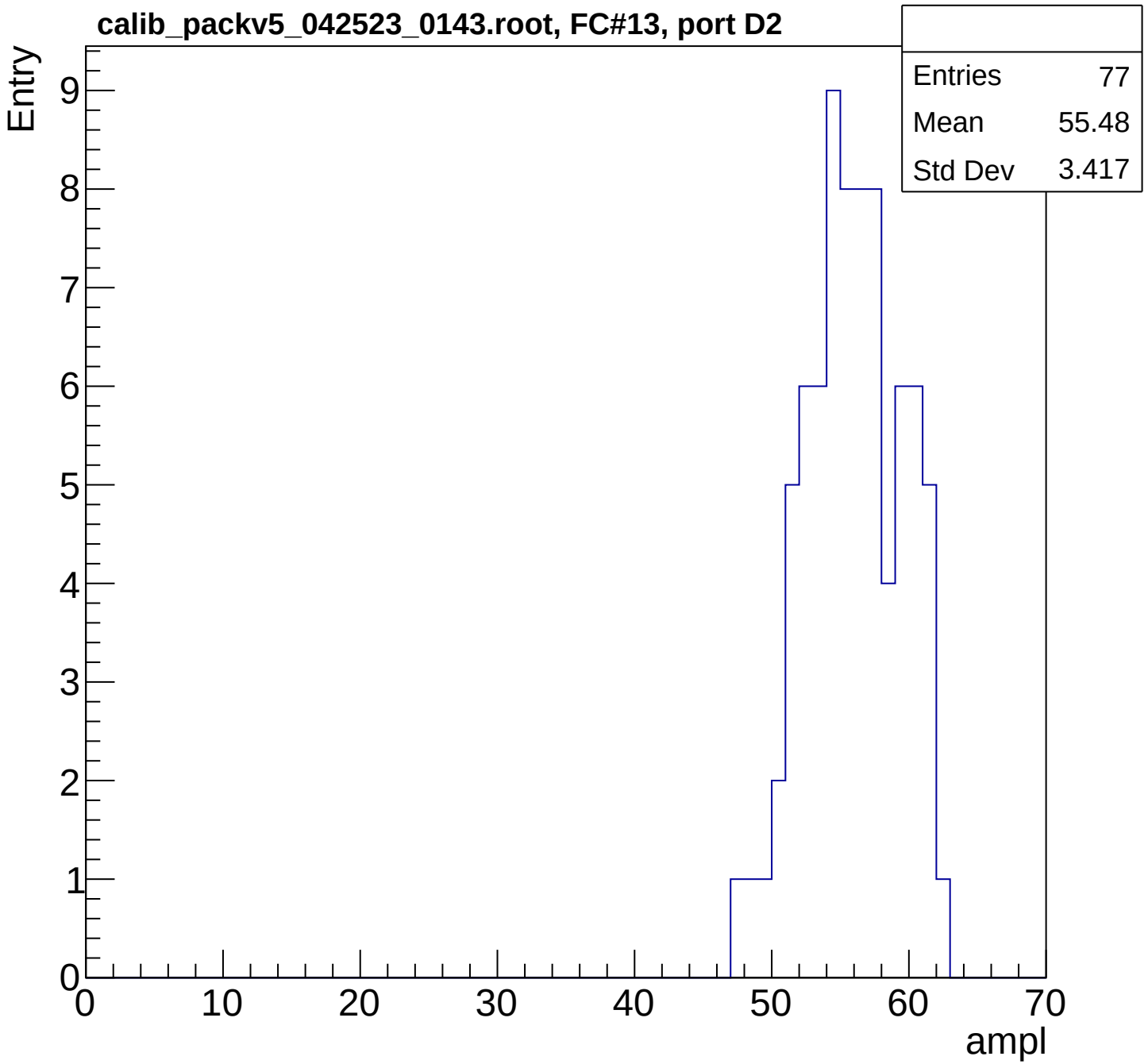

B1L003S, U18-ch47, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

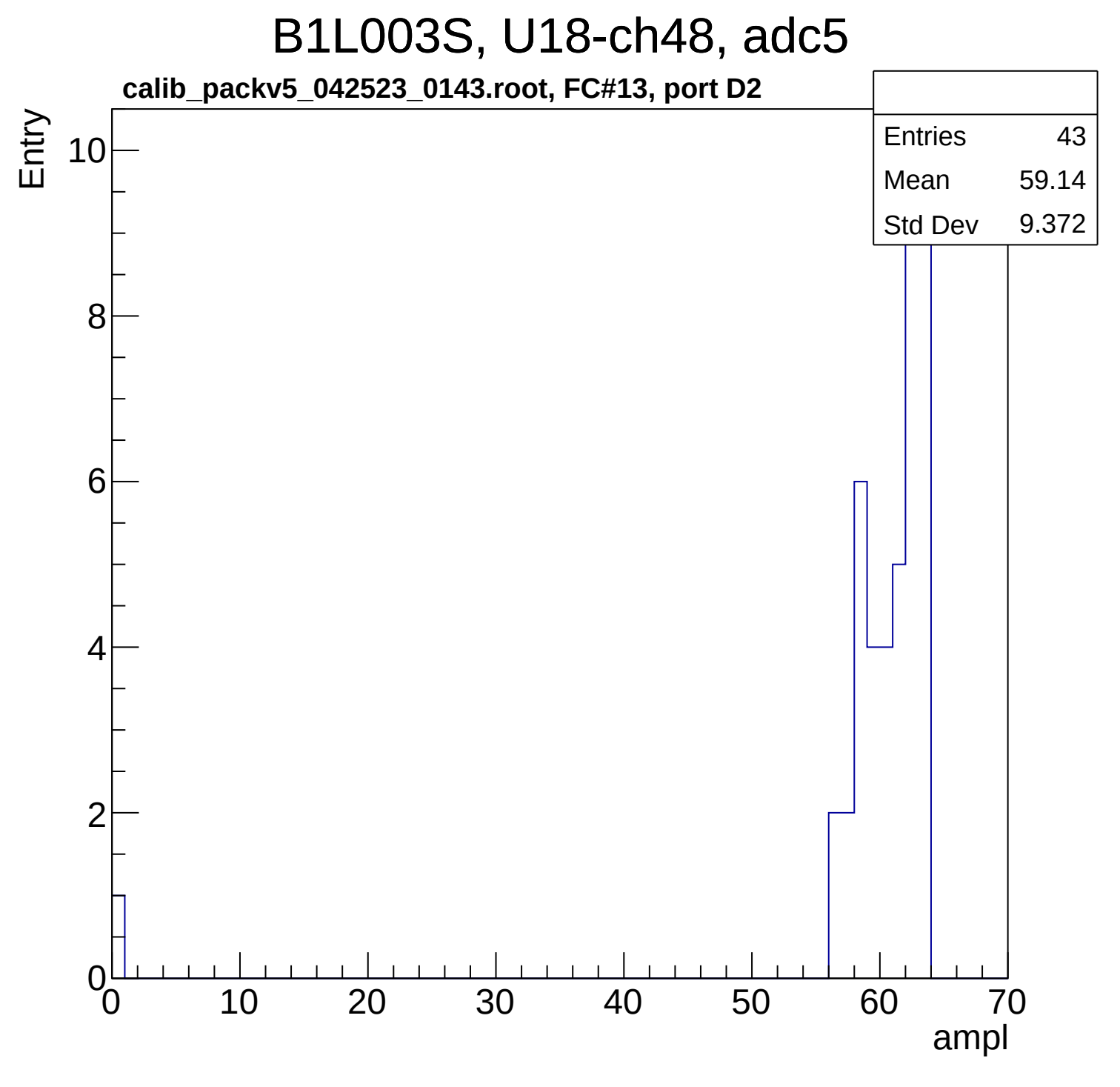

B1L003S, U18-ch48, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 29.77
Std Dev 4.953
Gaus mean : 30.9095
Gaus Width: 3.7767
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

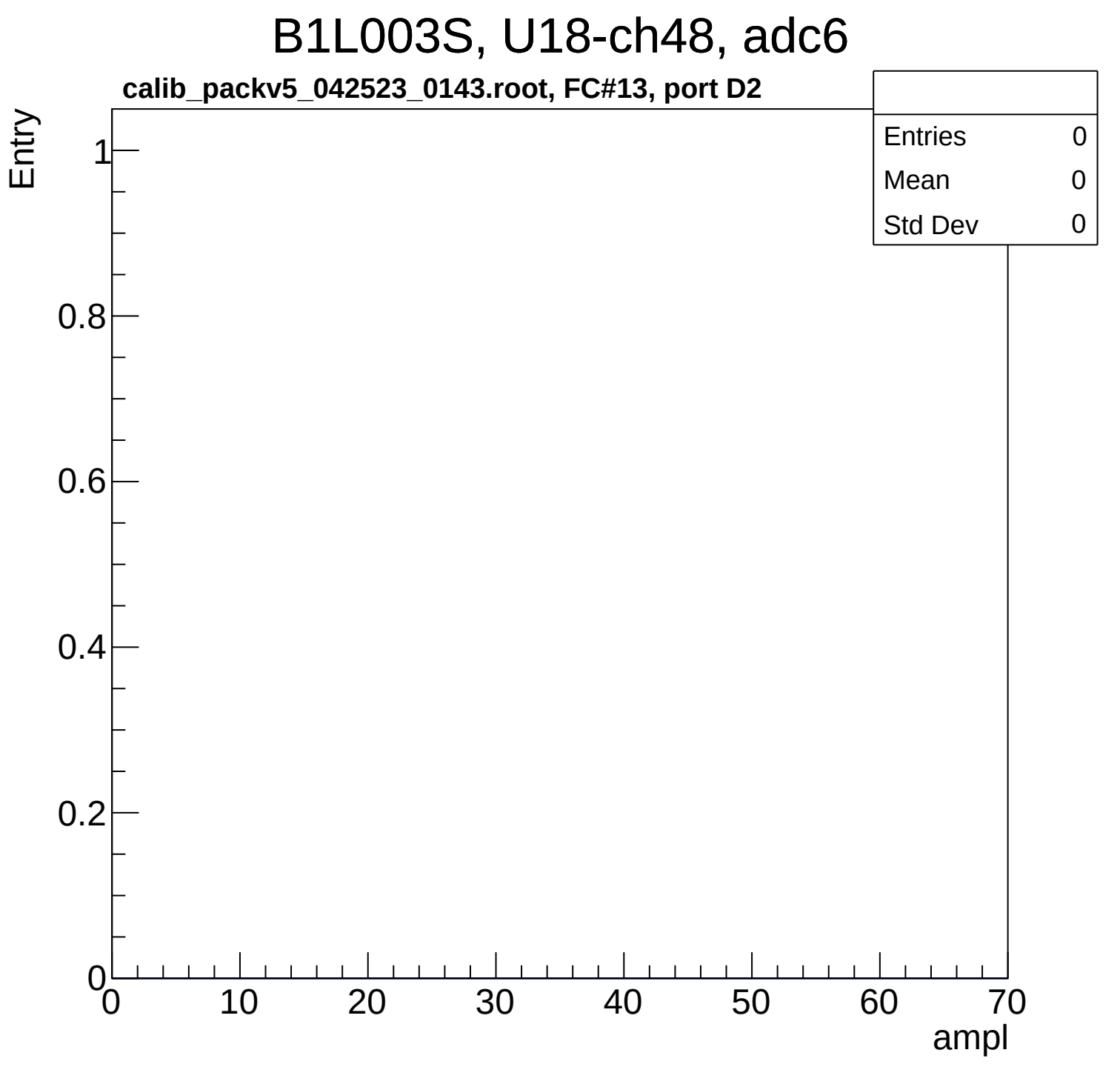

B1L003S, U18-ch48, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 37.82
Std Dev 3.605
Gaus mean : 38.4407
Gaus Width: 3.8216
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

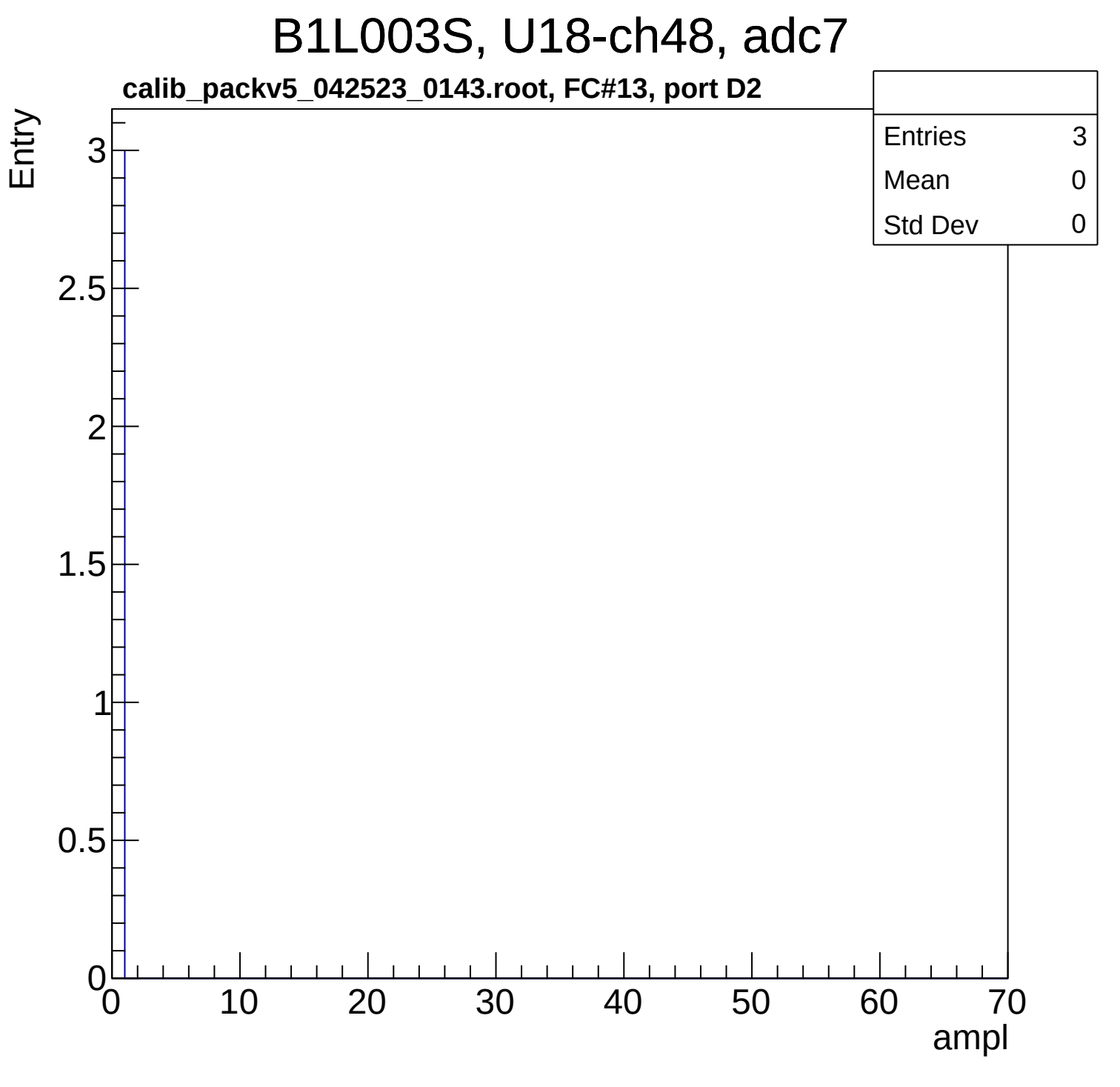

B1L003S, U18-ch48, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 44.29
Std Dev 2.807
Gaus mean : 44.9969
Gaus Width: 2.7770
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

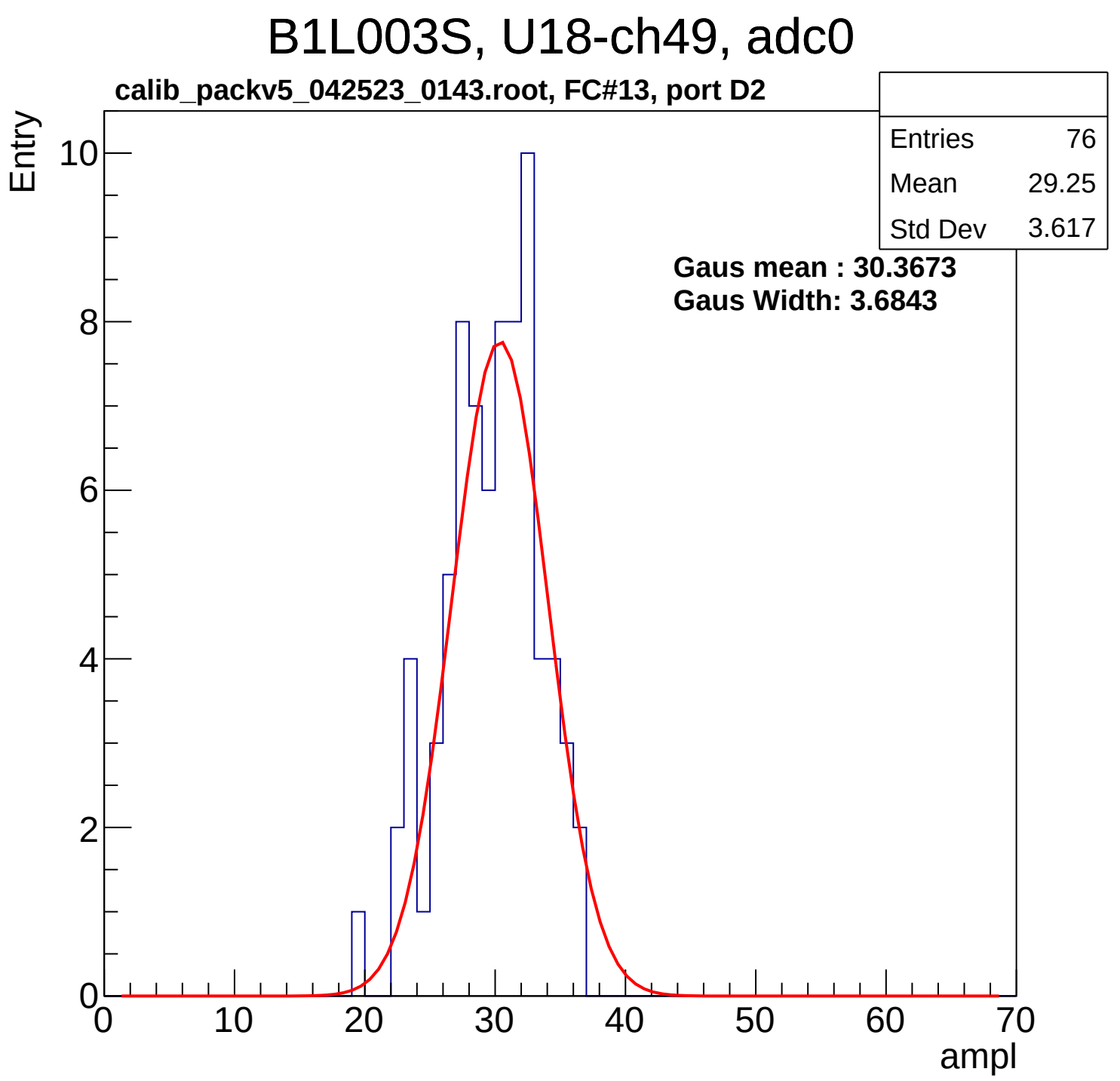

B1L003S, U18-ch48, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 49.08
Std Dev 3.148
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

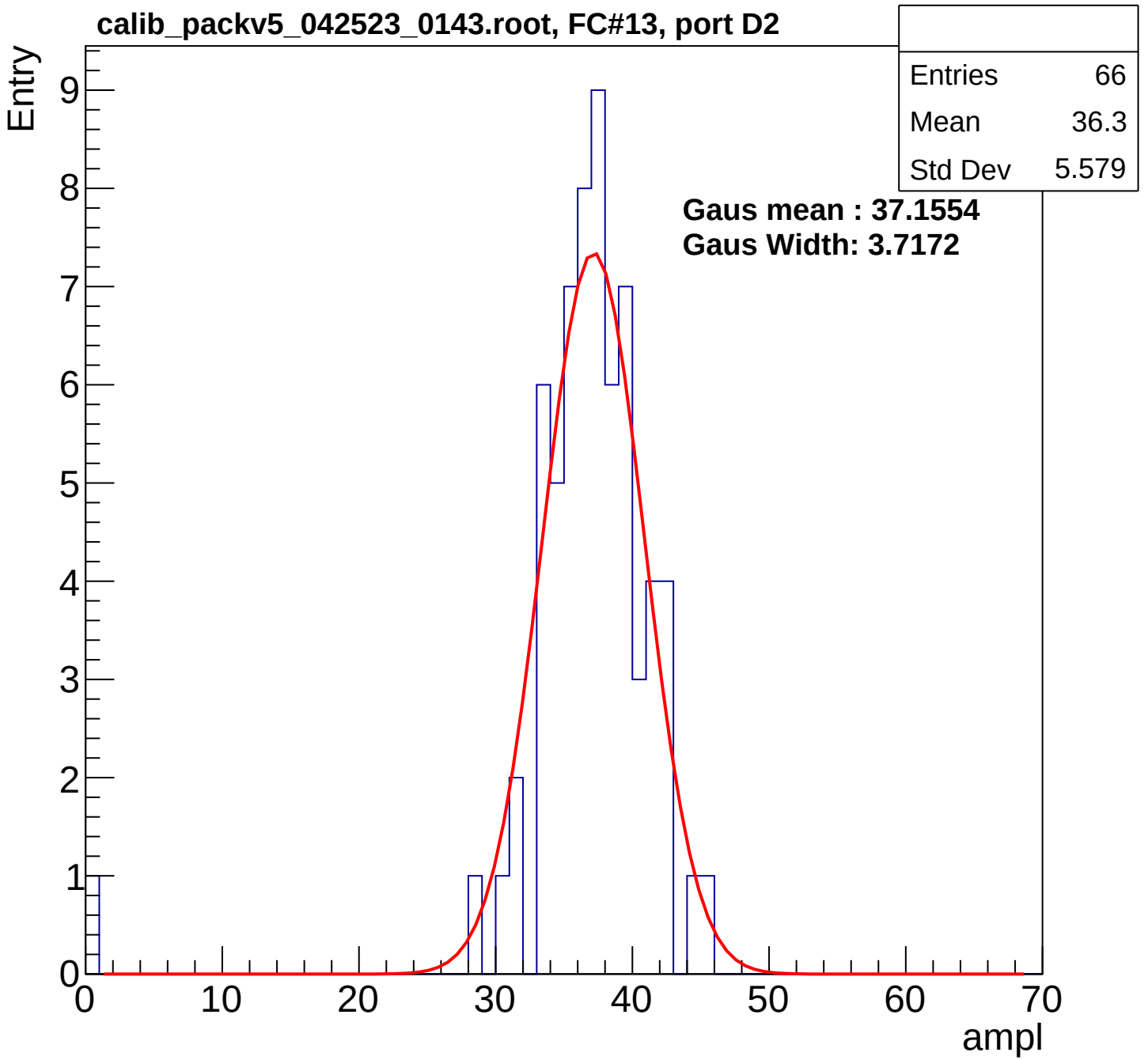

B1L003S, U18-ch48, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 55.48
Std Dev 3.417
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

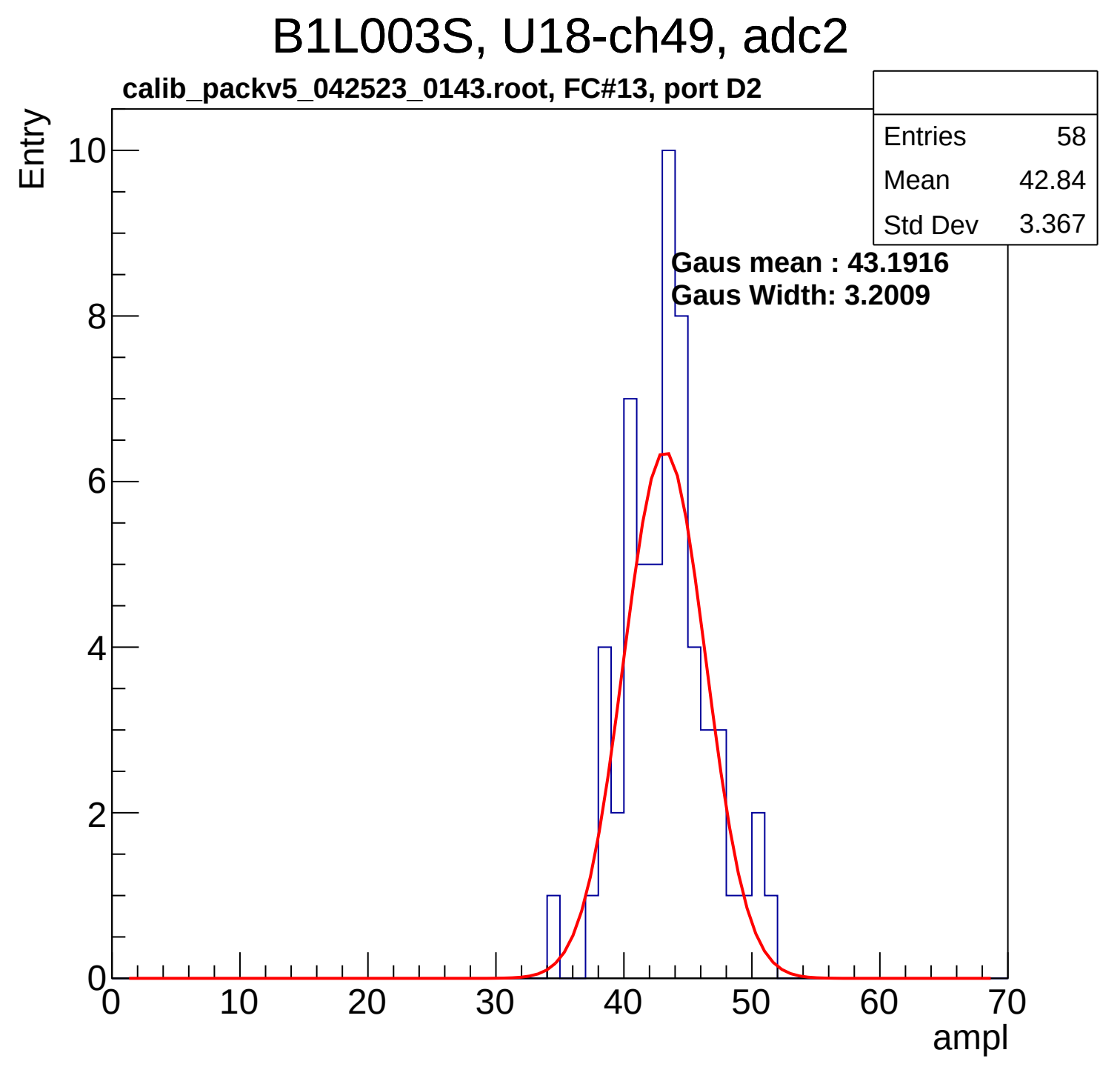

B1L003S, U18-ch48, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 59.14
Std Dev 9.372
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

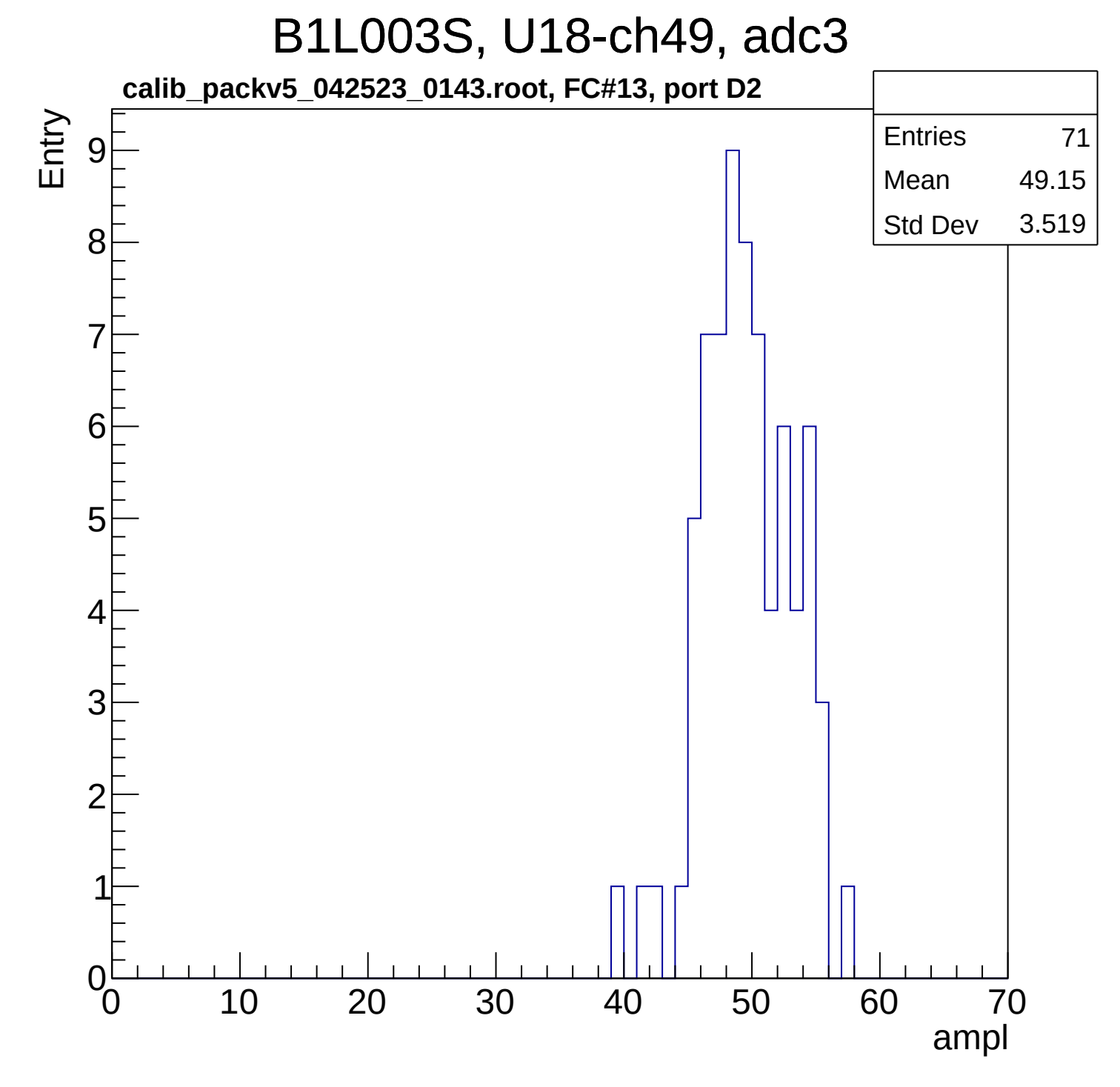

B1L003S, U18-ch48, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

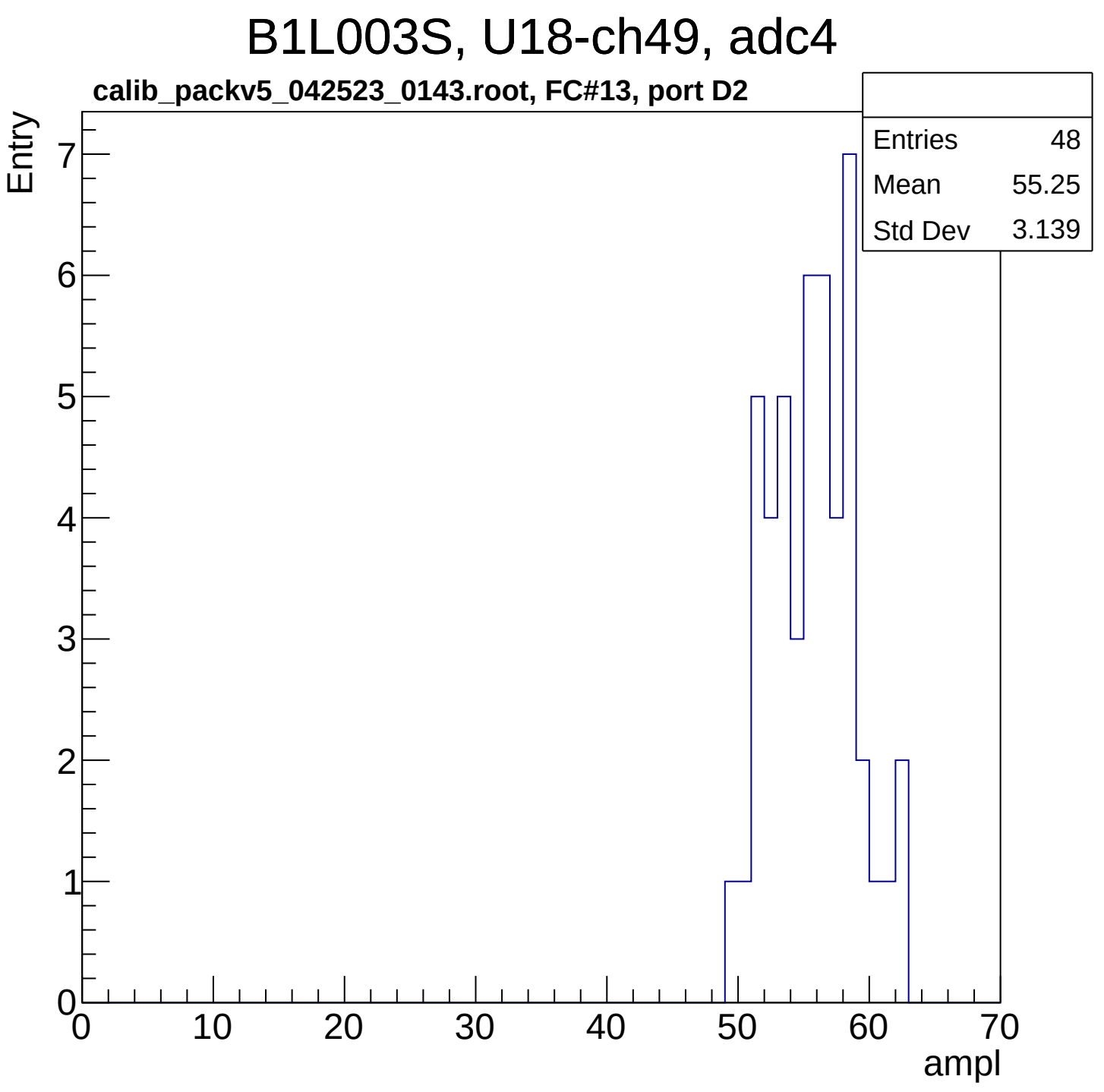

B1L003S, U18-ch48, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

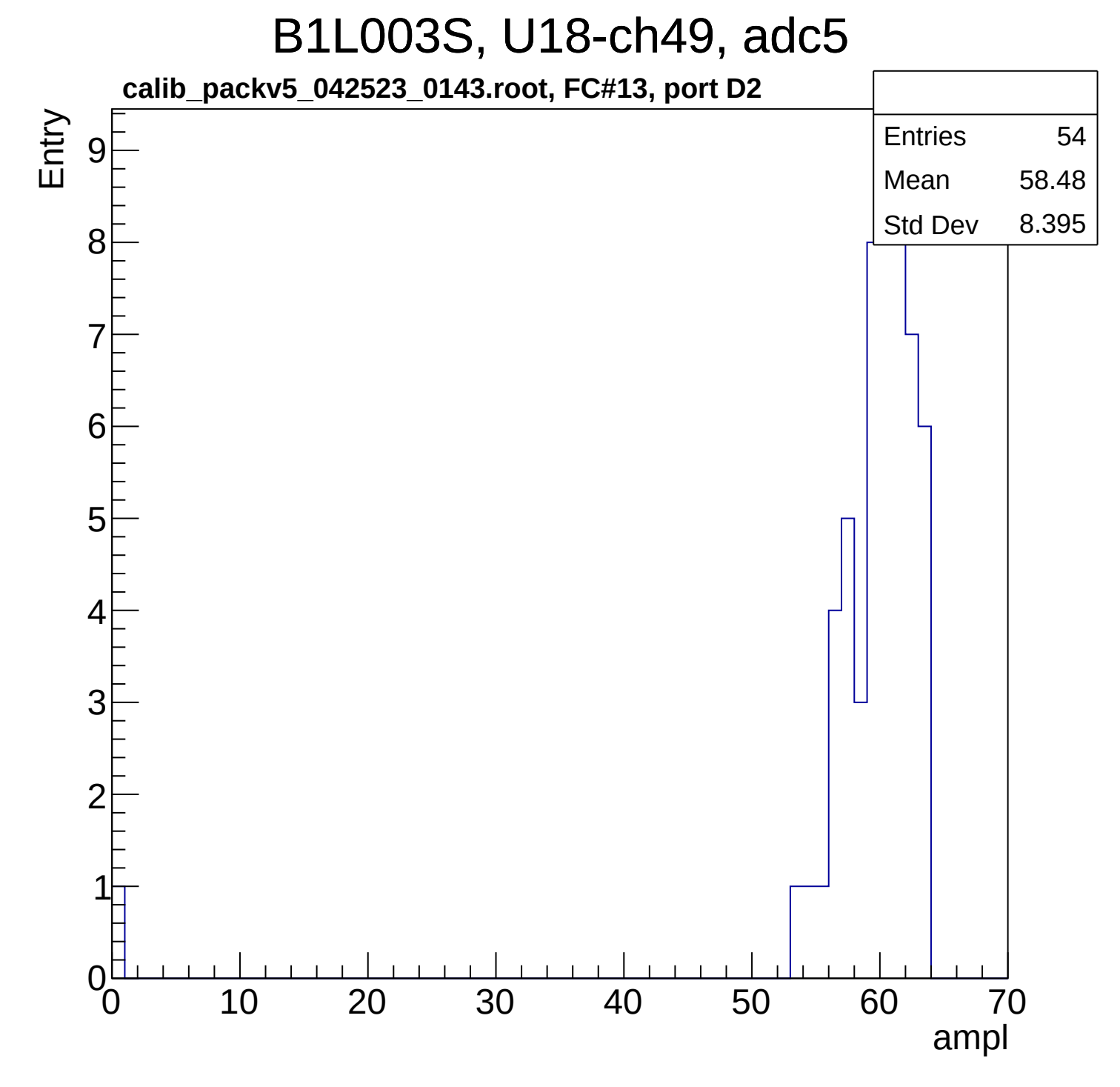

B1L003S, U18-ch49, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 29.25
Std Dev 3.617
Gaus mean : 30.3673
Gaus Width: 3.6843
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

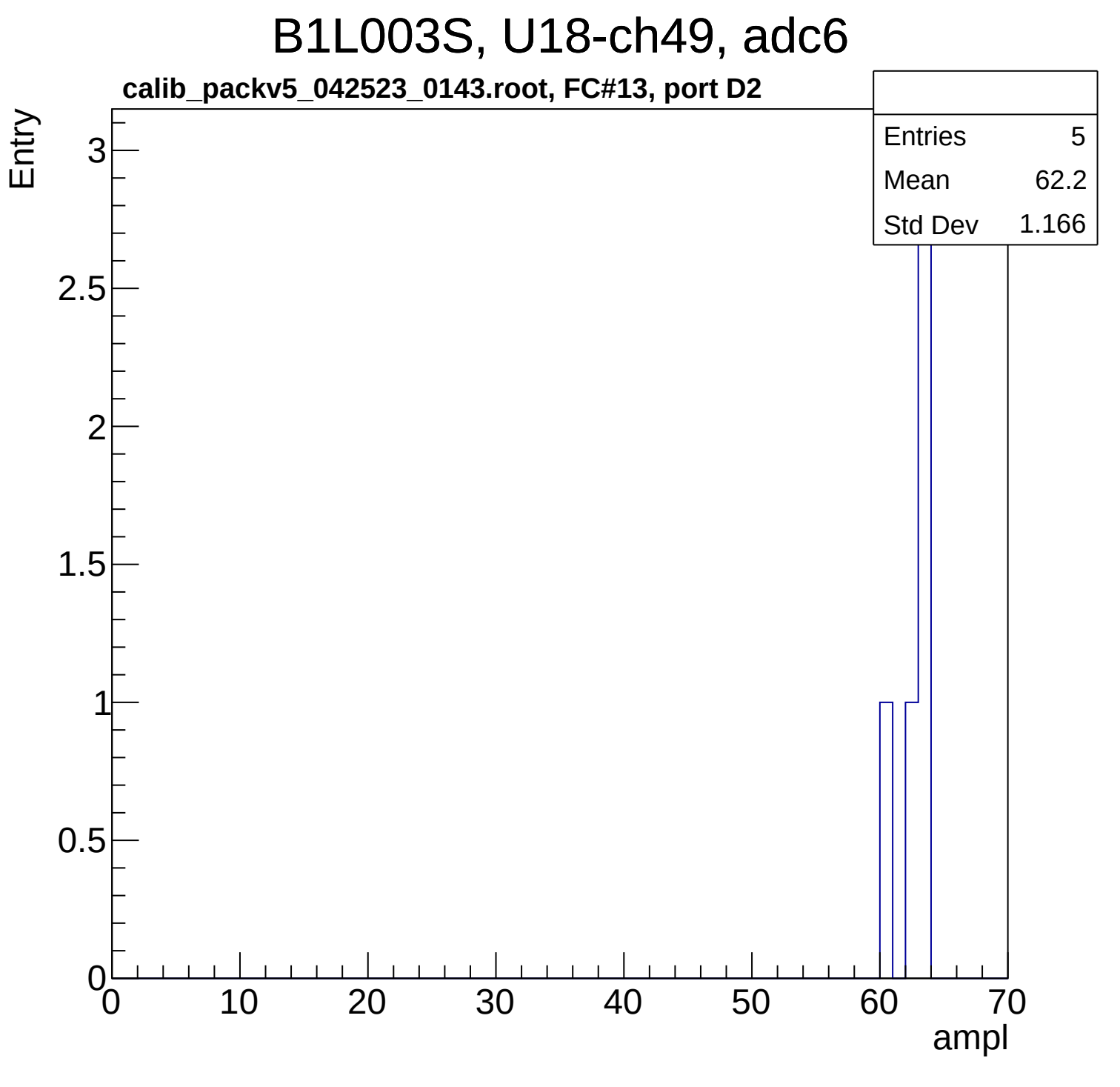

B1L003S, U18-ch49, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 36.3
Std Dev 5.579
Gaus mean : 37.1554
Gaus Width: 3.7172
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

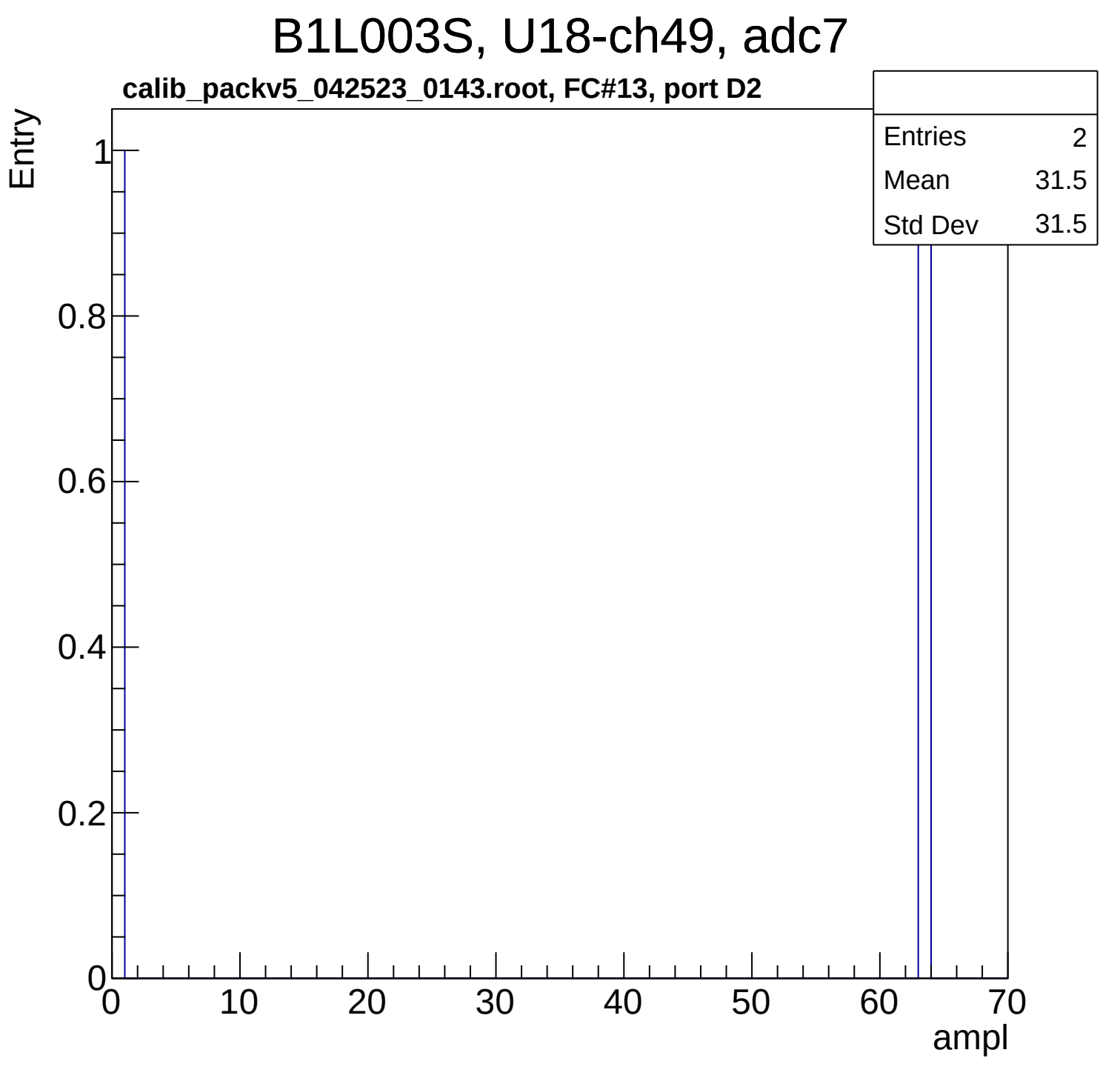

B1L003S, U18-ch49, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 42.84
Std Dev 3.367
Gaus mean : 43.1916
Gaus Width: 3.2009
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

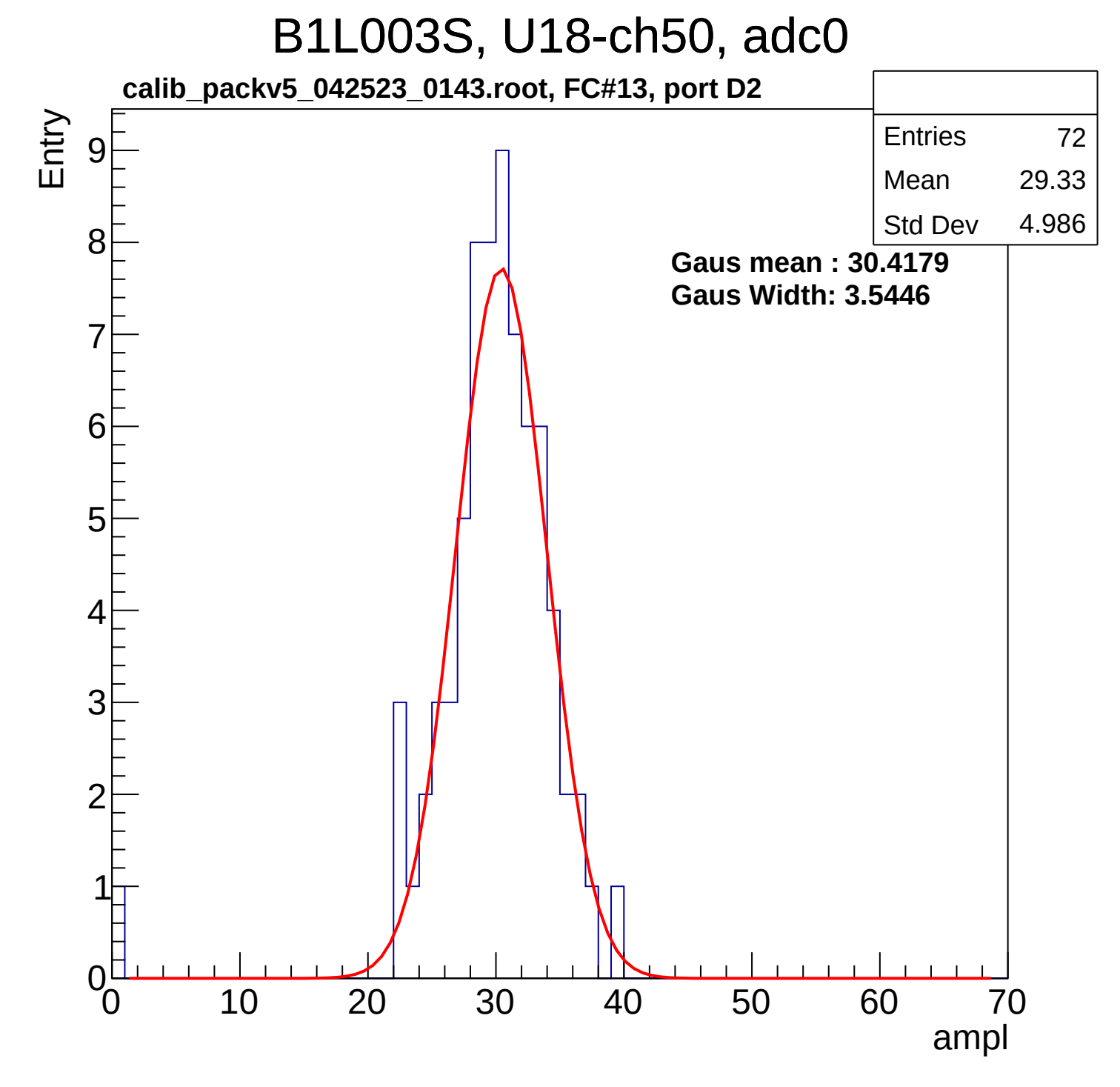

B1L003S, U18-ch49, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 49.15
Std Dev 3.519
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

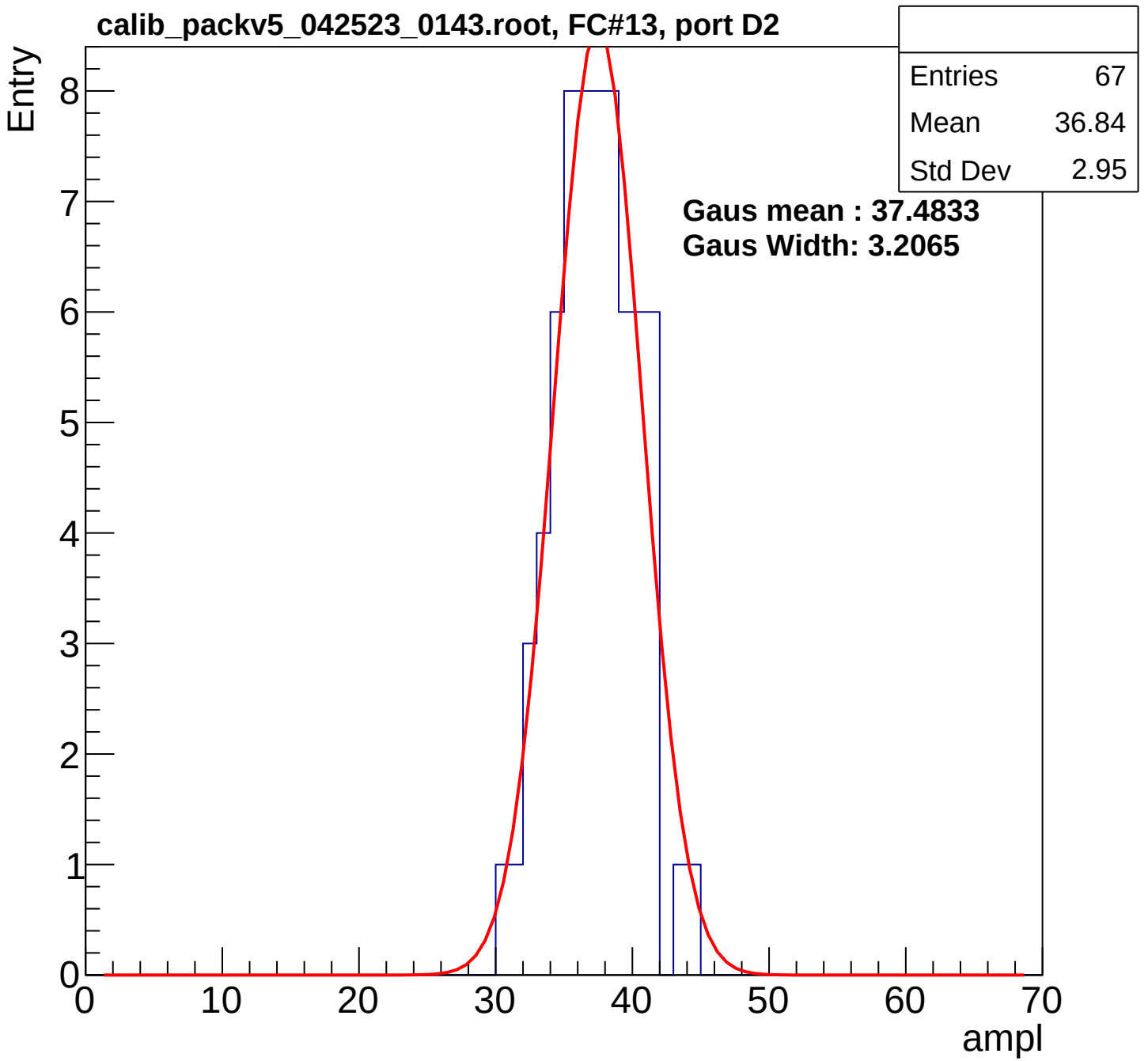

B1L003S, U18-ch49, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 55.25
Std Dev 3.139
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

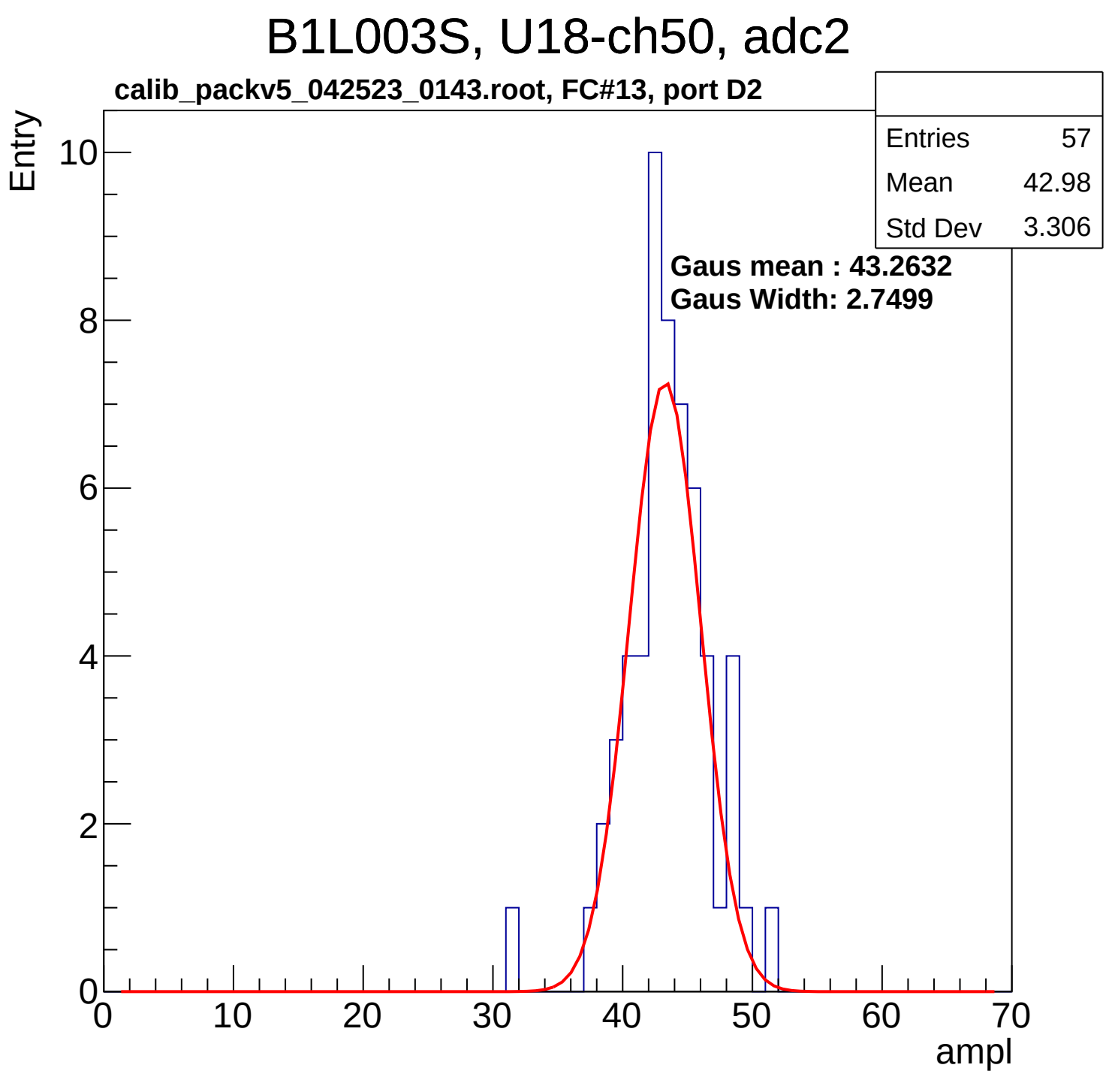

B1L003S, U18-ch49, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.48
Std Dev 8.395
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

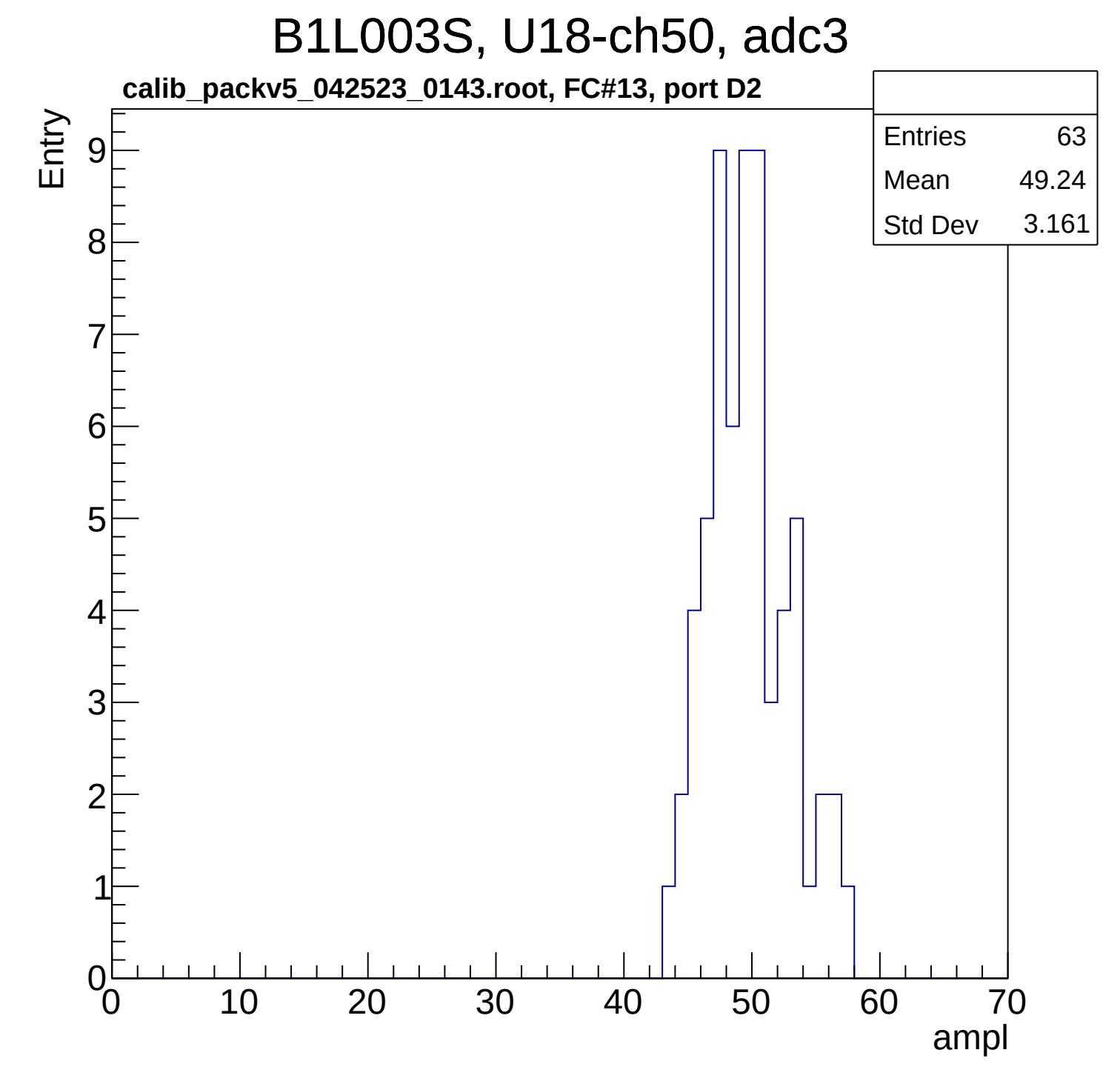

B1L003S, U18-ch49, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 62.2
Std Dev 1.166
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

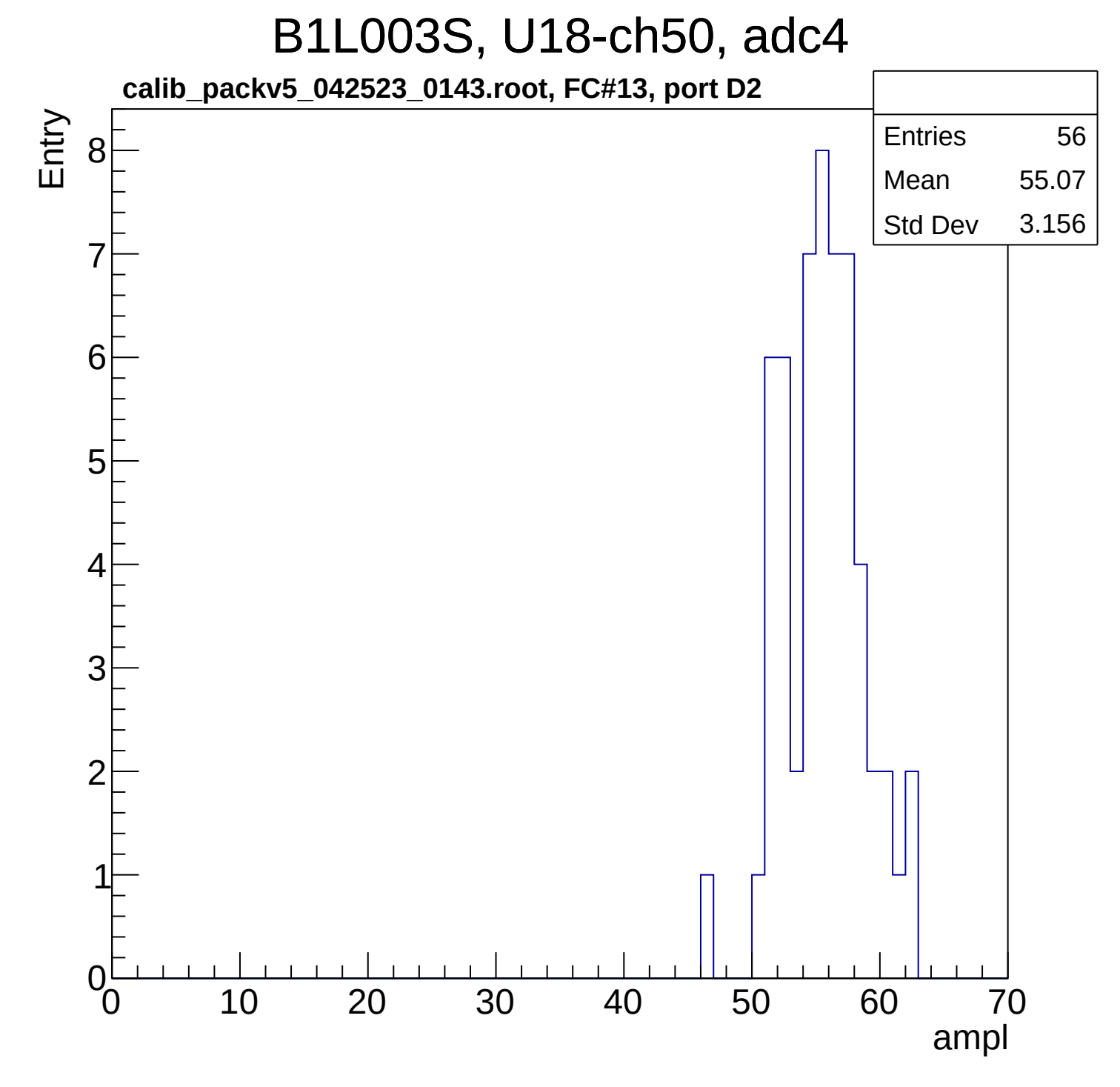

B1L003S, U18-ch49, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

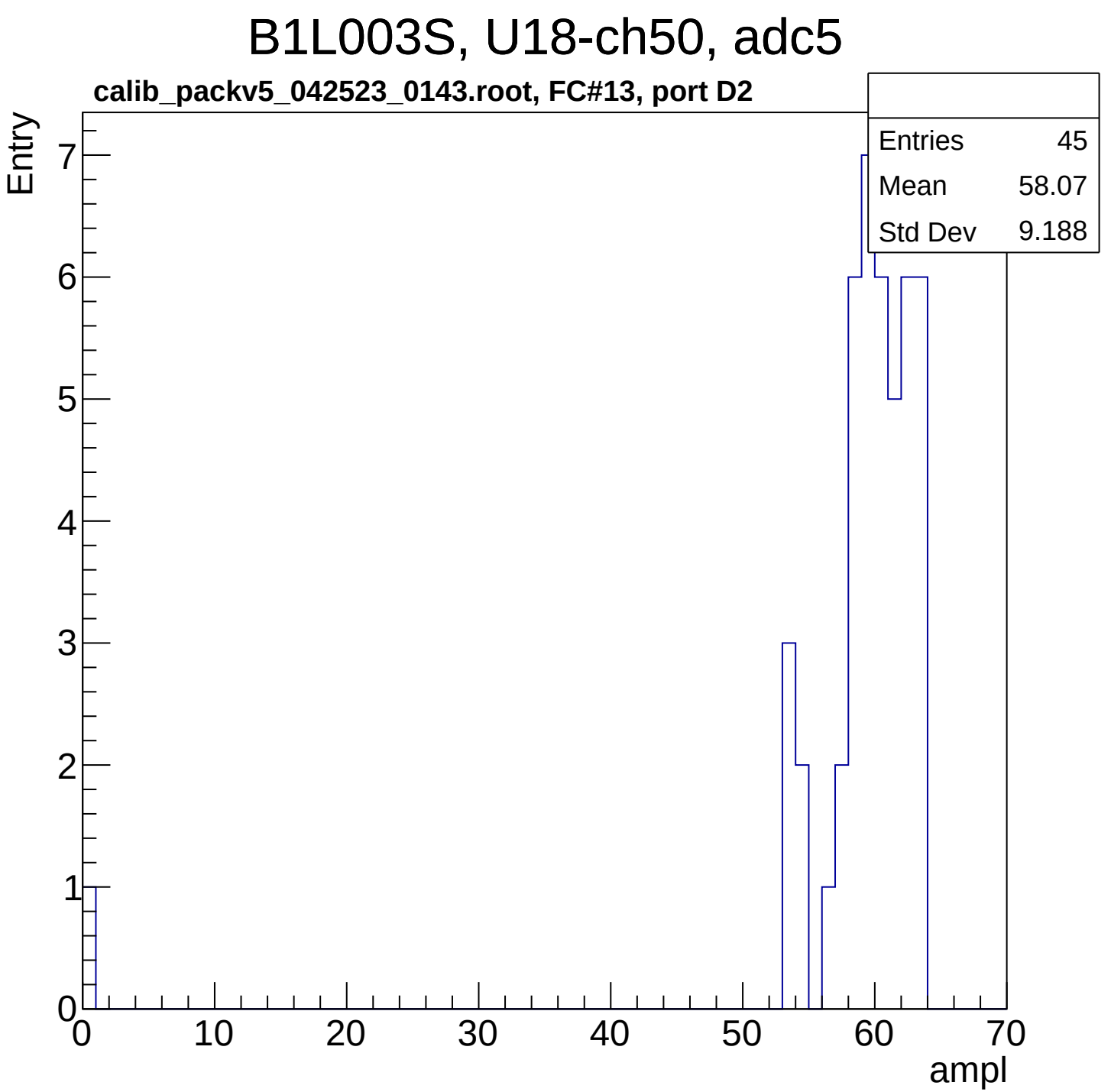

B1L003S, U18-ch50, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 29.33
Std Dev 4.986
Gaus mean : 30.4179
Gaus Width: 3.5446
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

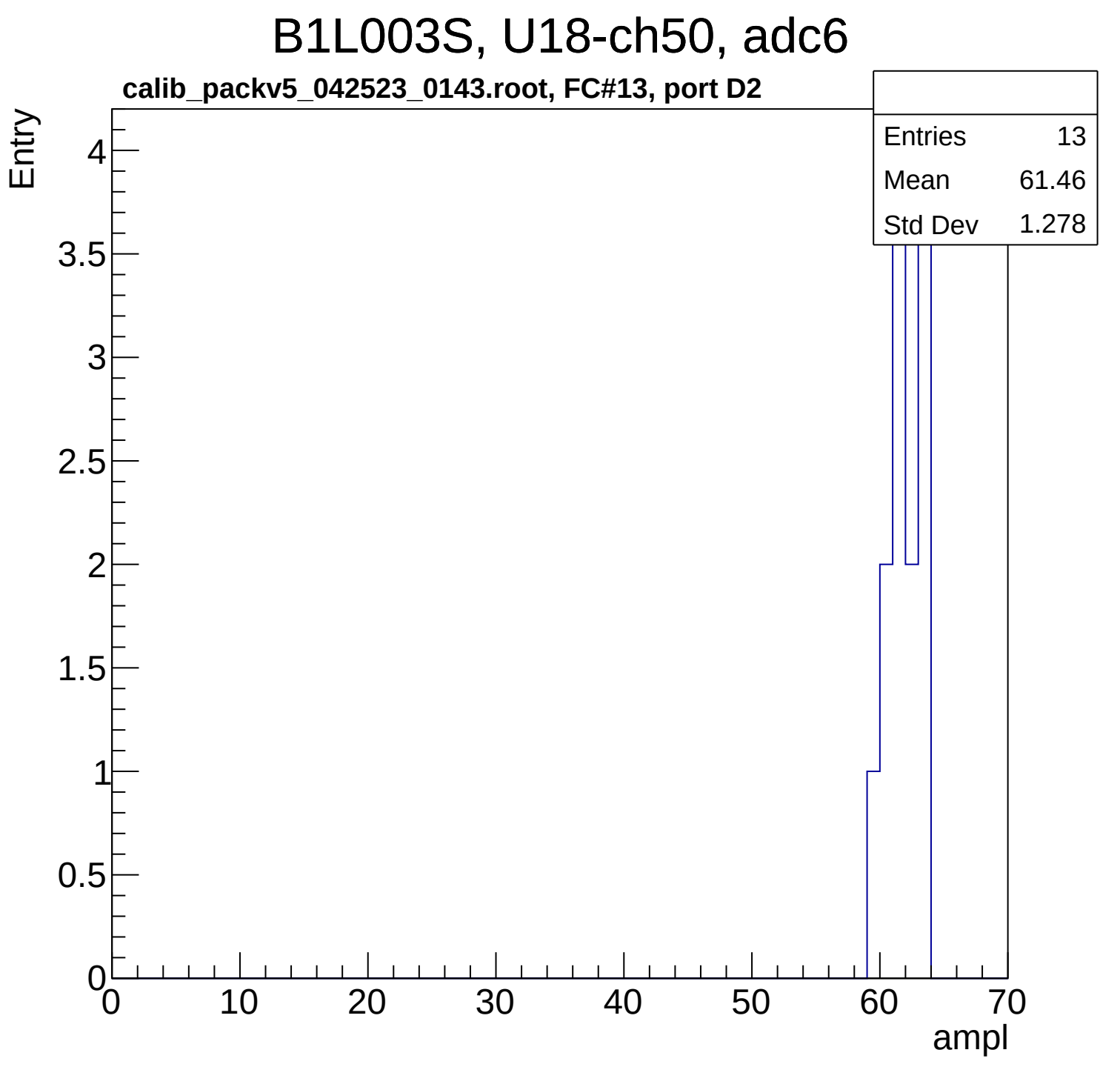

B1L003S, U18-ch50, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 36.84
Std Dev 2.95
Gaus mean : 37.4833
Gaus Width: 3.2065
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

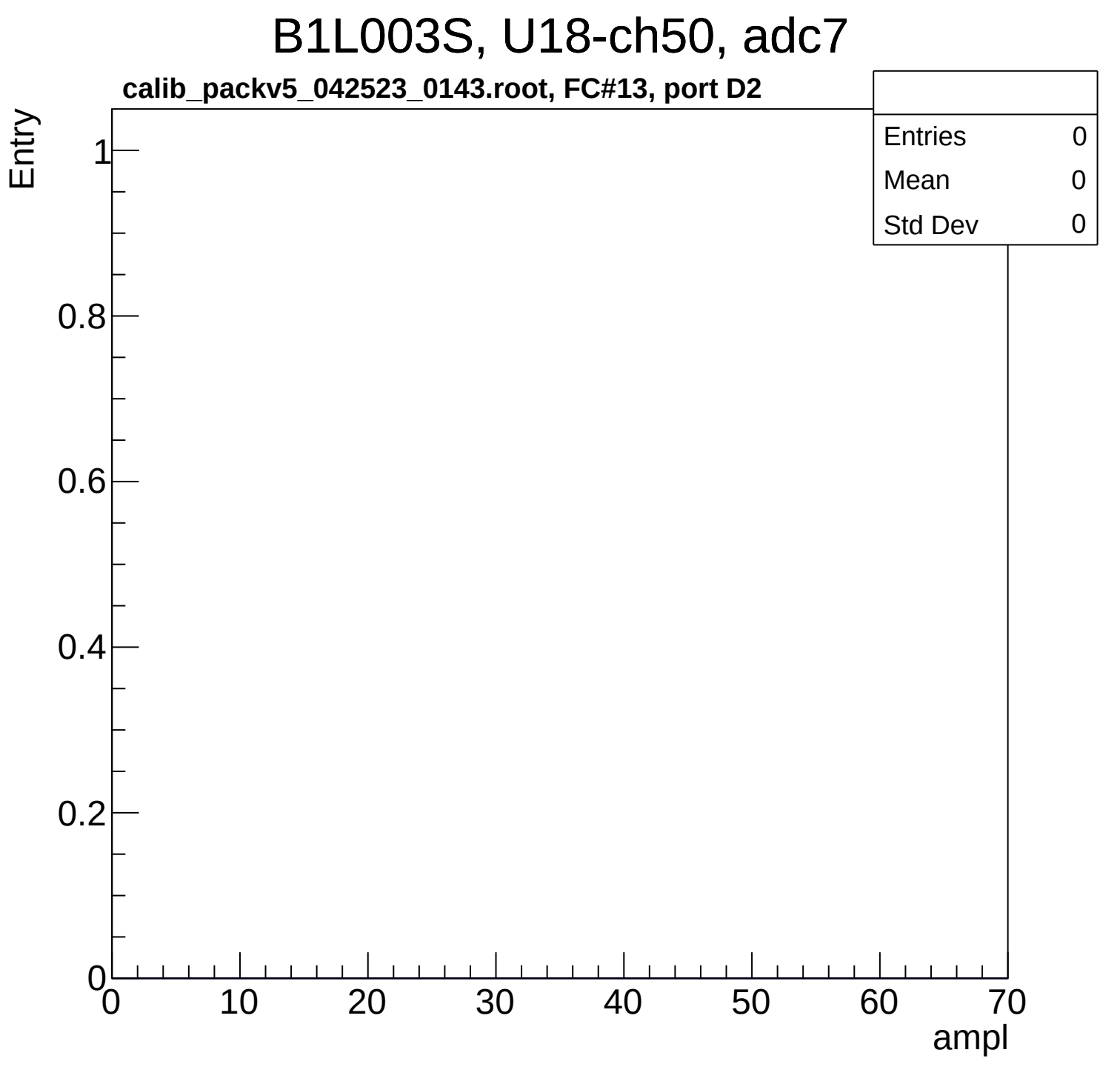

B1L003S, U18-ch50, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 42.98
Std Dev 3.306
Gaus mean : 43.2632
Gaus Width: 2.7499
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

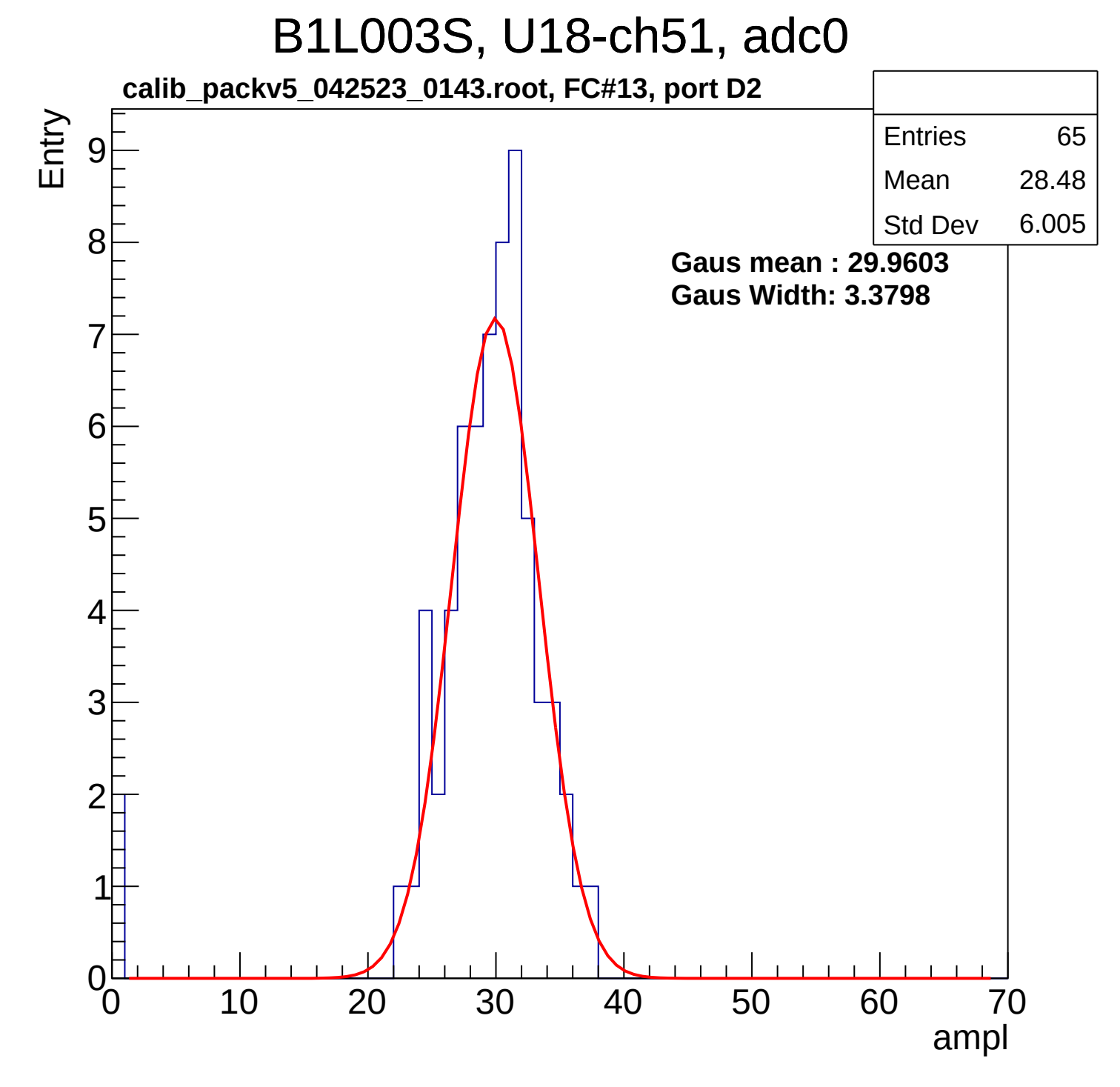

B1L003S, U18-ch50, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 49.24
Std Dev 3.161
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

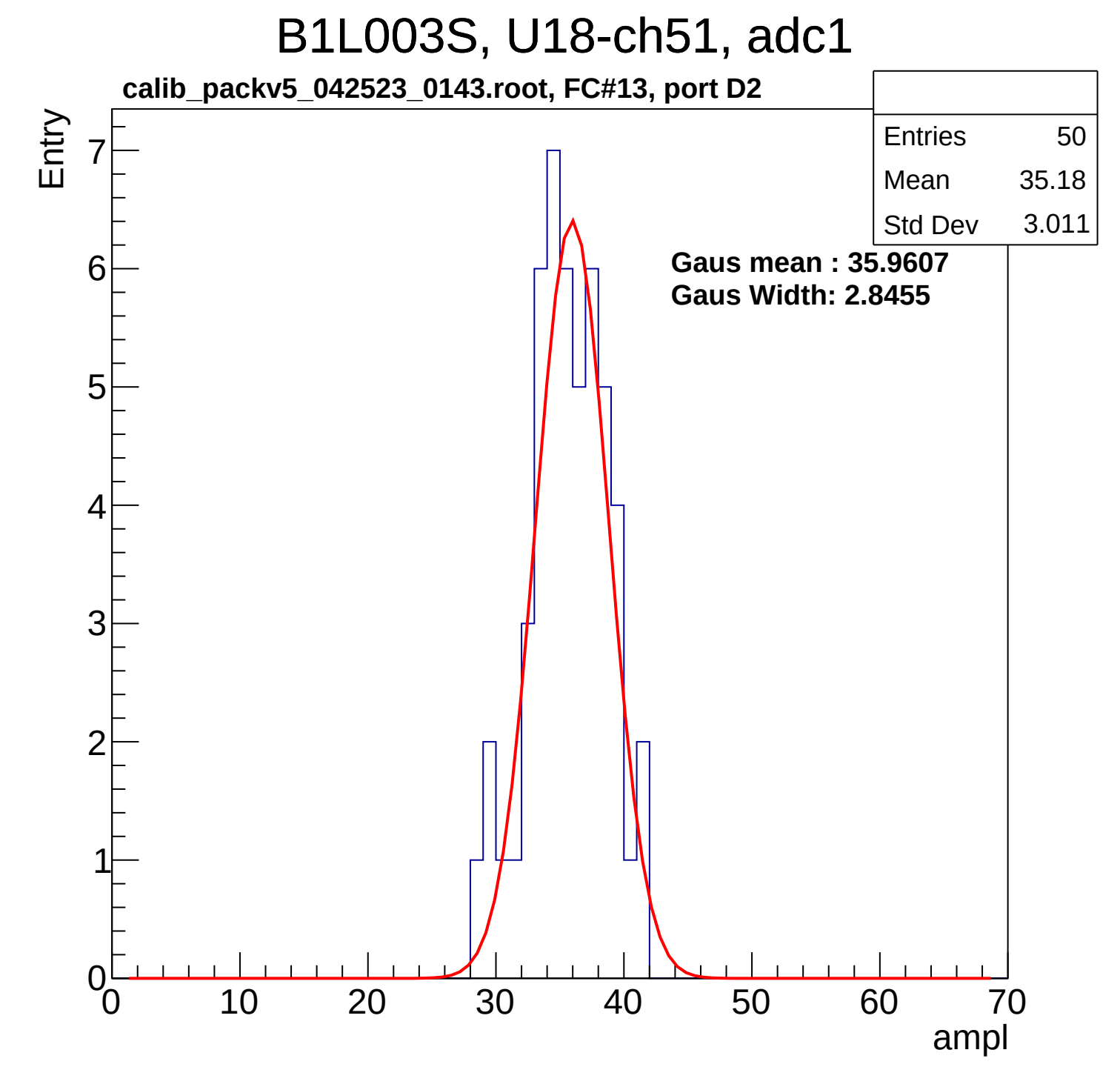

B1L003S, U18-ch50, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 55.07
Std Dev 3.156
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

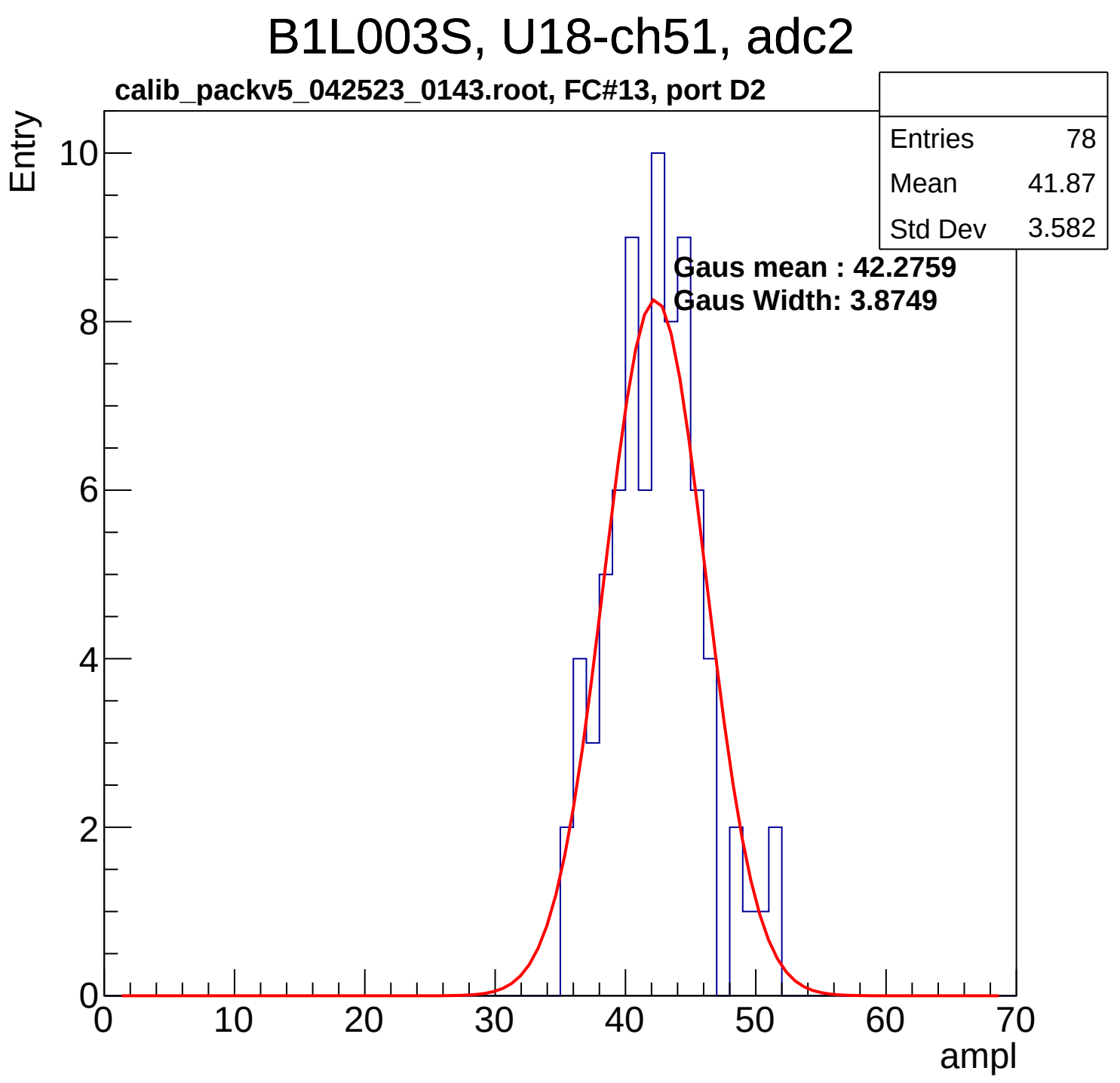

B1L003S, U18-ch50, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.07
Std Dev 9.188
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

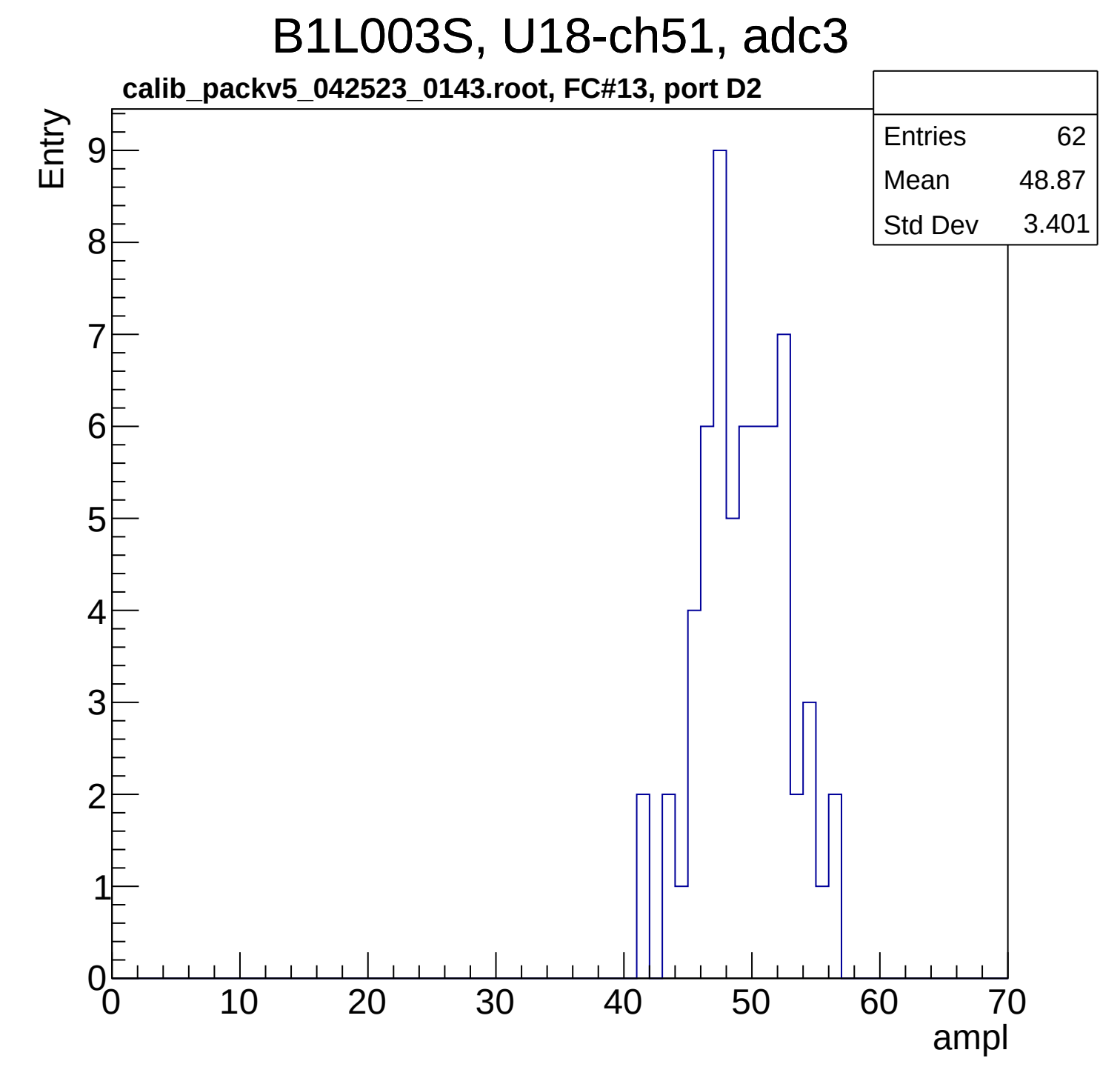

B1L003S, U18-ch50, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 61.46
Std Dev 1.278
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

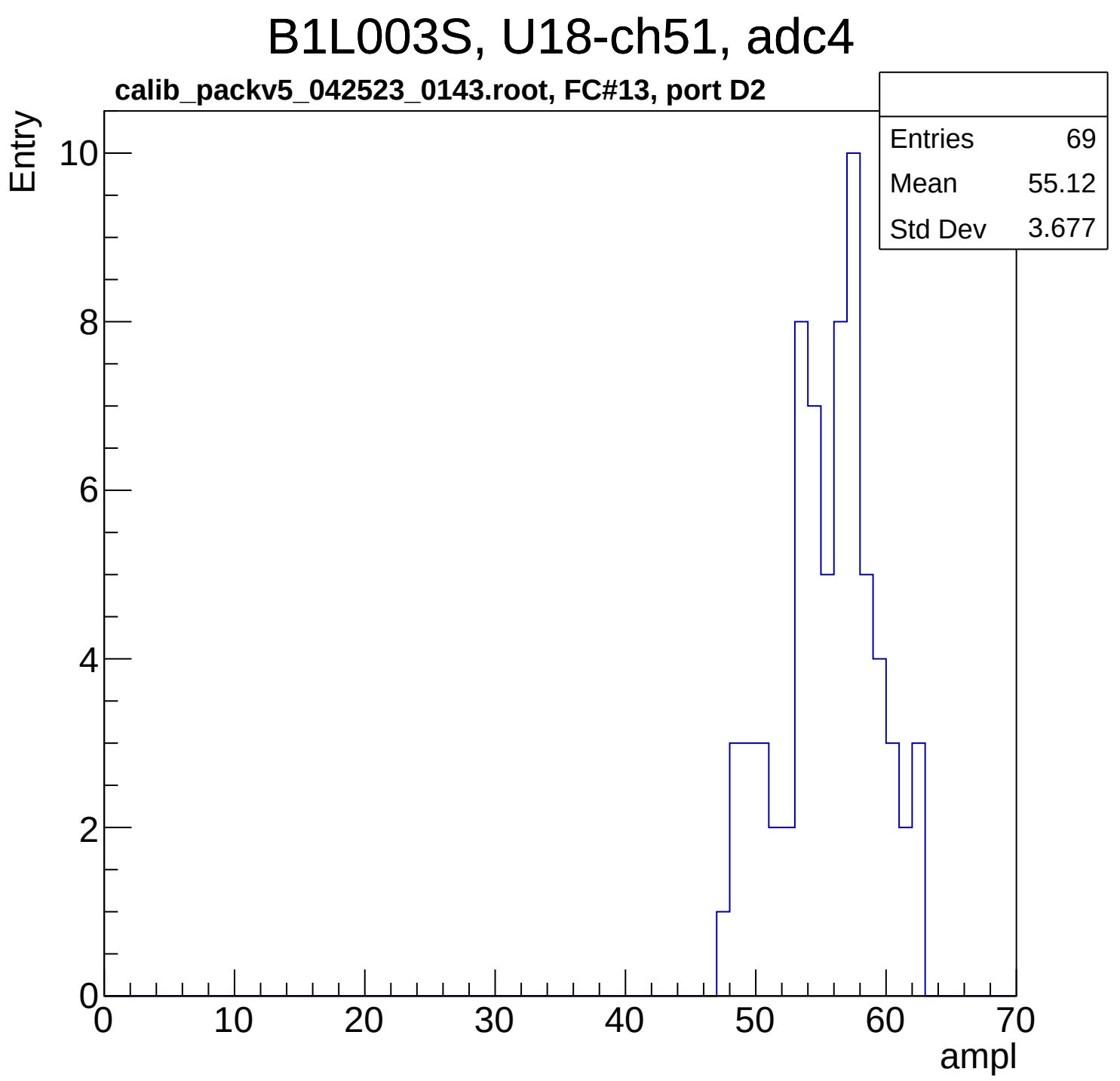

B1L003S, U18-ch50, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

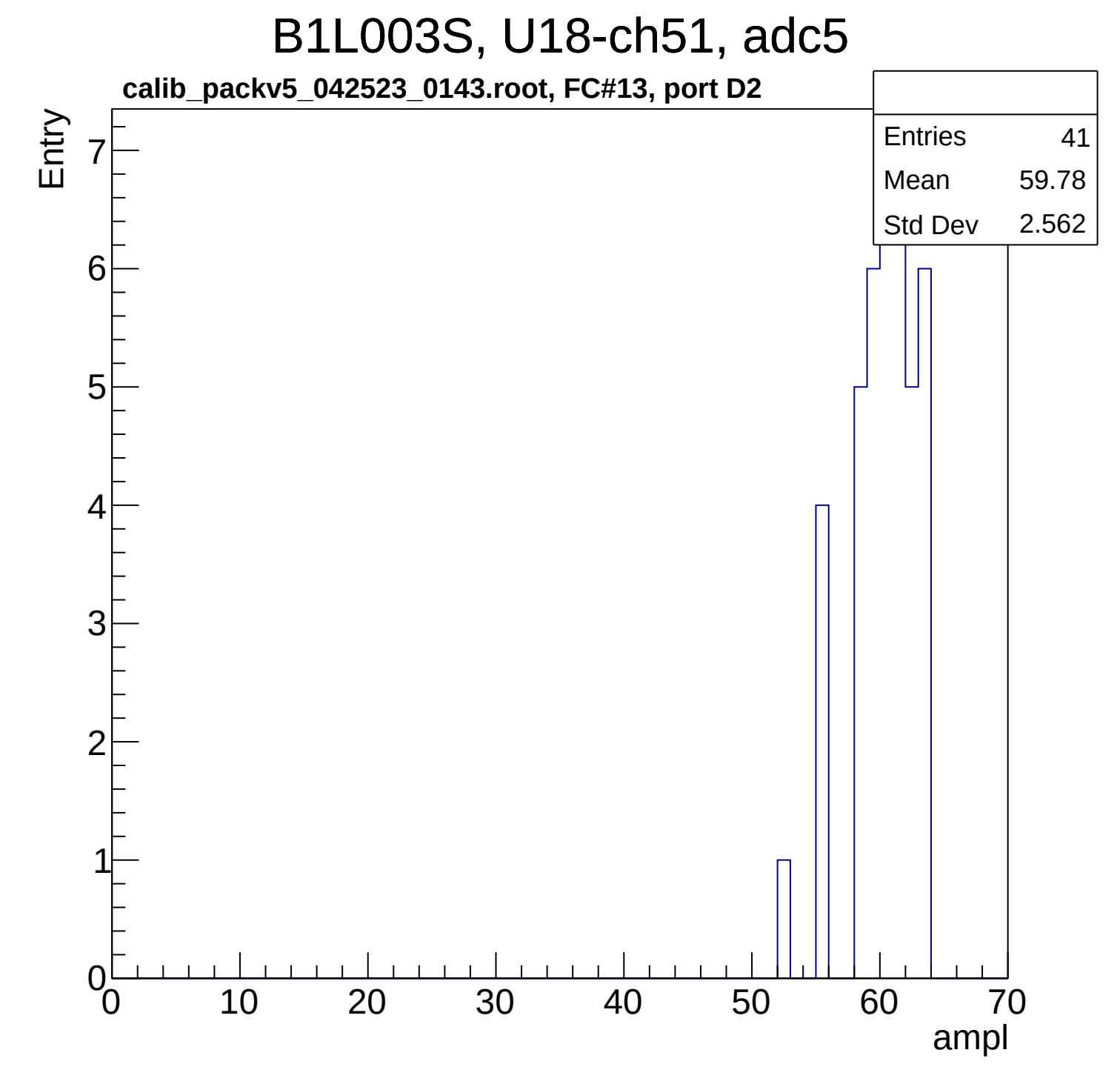

B1L003S, U18-ch51, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 28.48
Std Dev 6.005
Gaus mean : 29.9603
Gaus Width: 3.3798
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

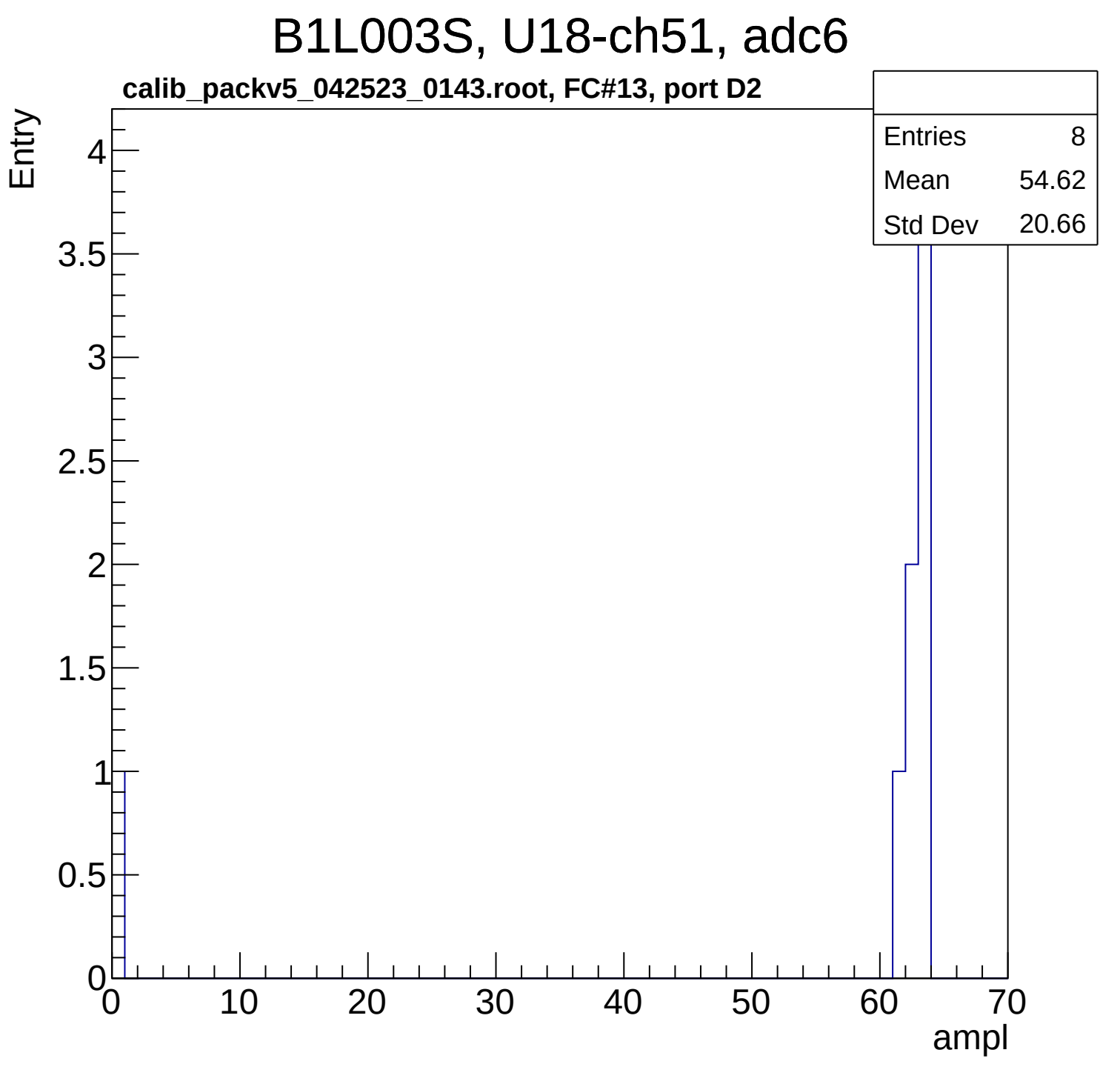

B1L003S, U18-ch51, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 35.18
Std Dev 3.011
Gaus mean : 35.9607
Gaus Width: 2.8455
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

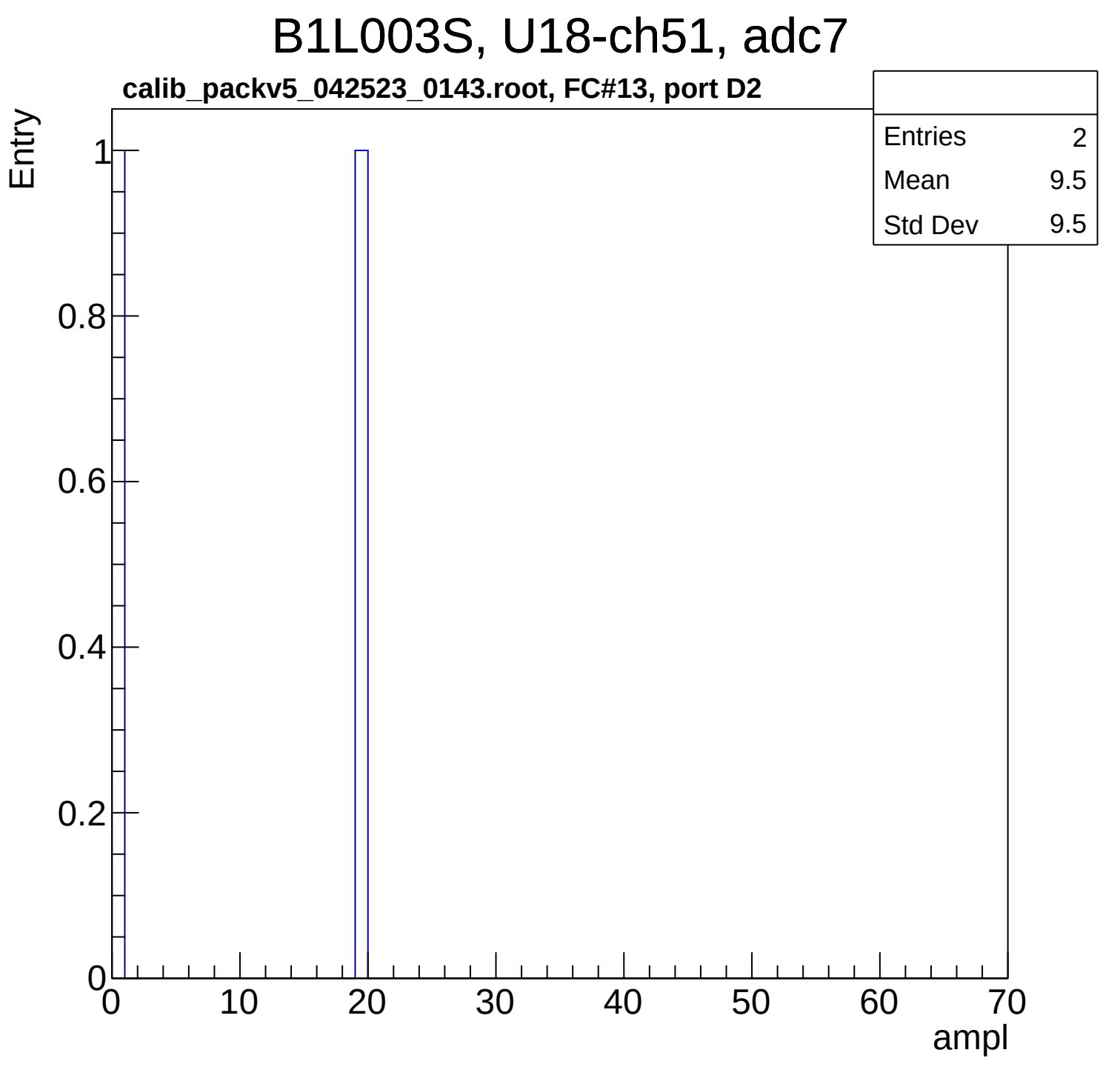

B1L003S, U18-ch51, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 41.87
Std Dev 3.582
Gaus mean : 42.2759
Gaus Width: 3.8749
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

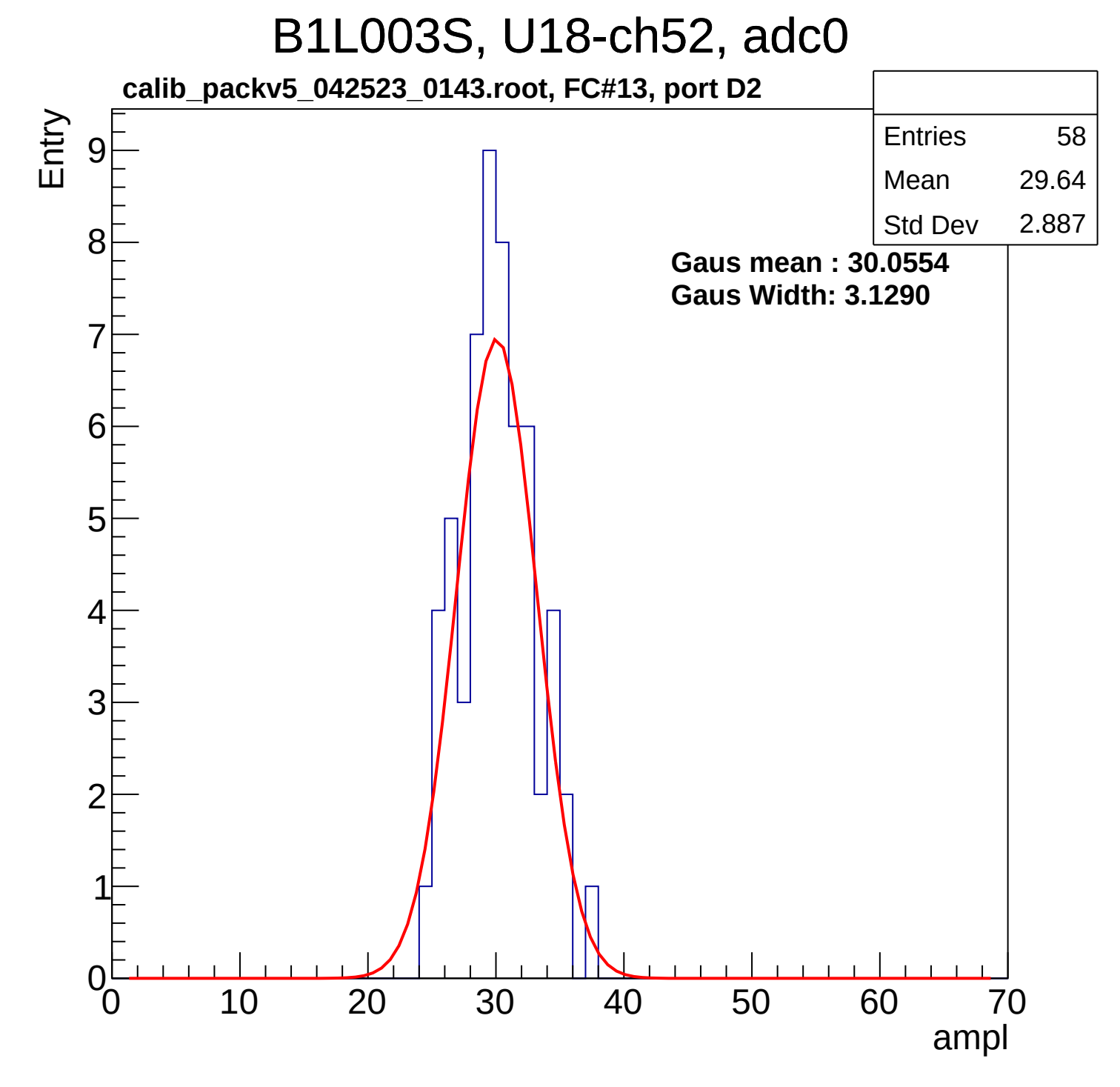

B1L003S, U18-ch51, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 48.87
Std Dev 3.401
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

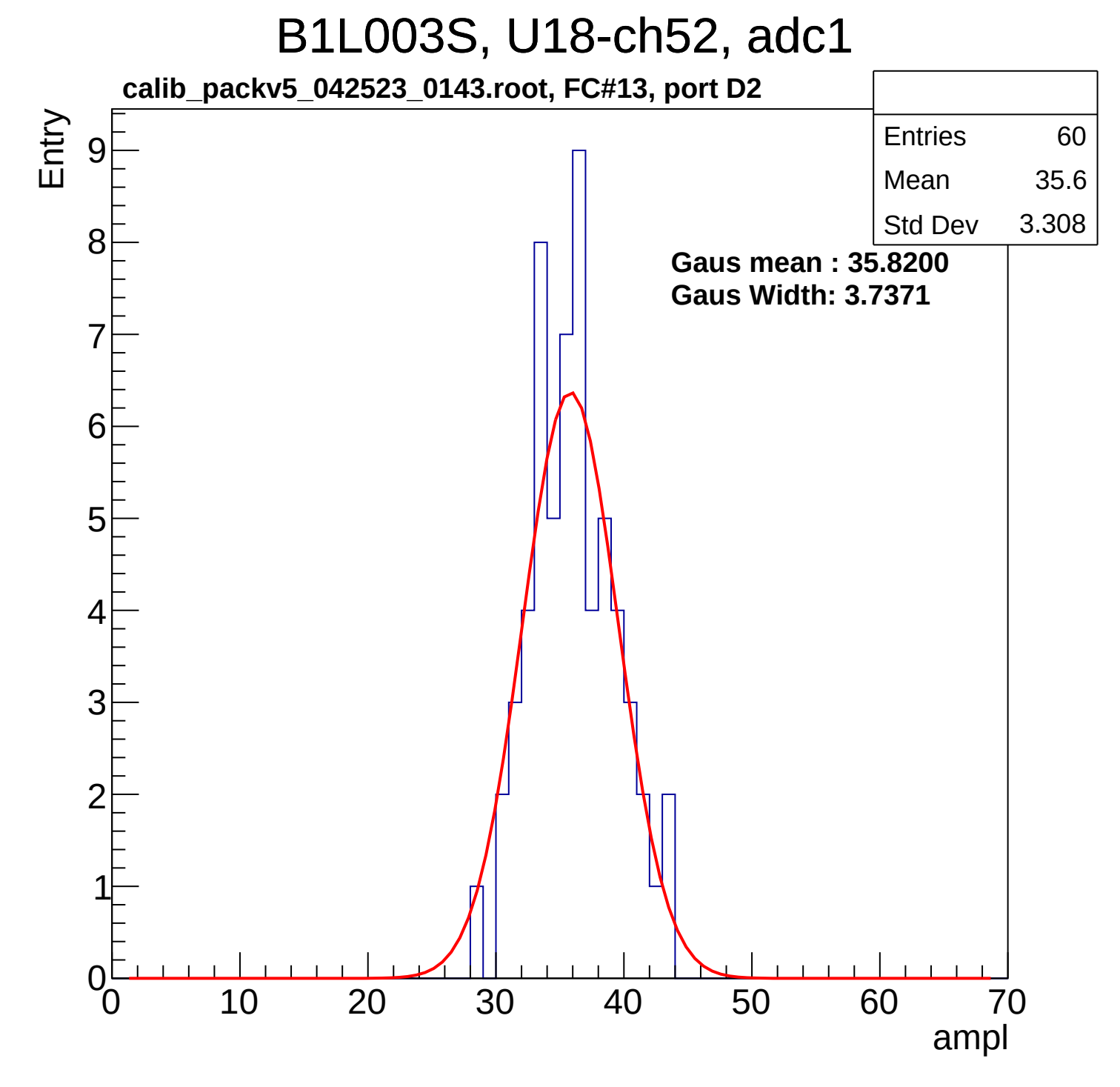

B1L003S, U18-ch51, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 55.12
Std Dev 3.677
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

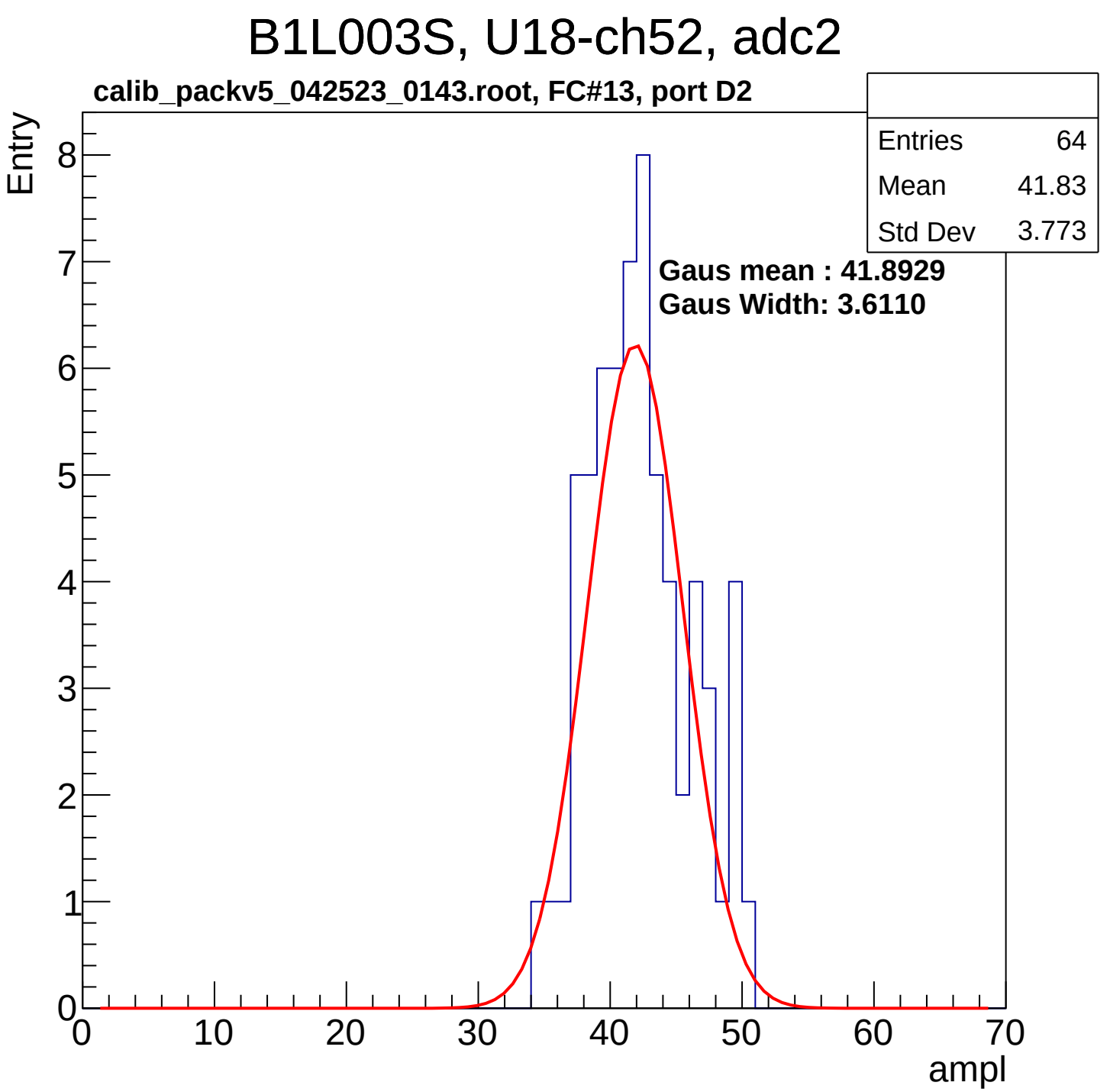

B1L003S, U18-ch51, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 59.78
Std Dev 2.562
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

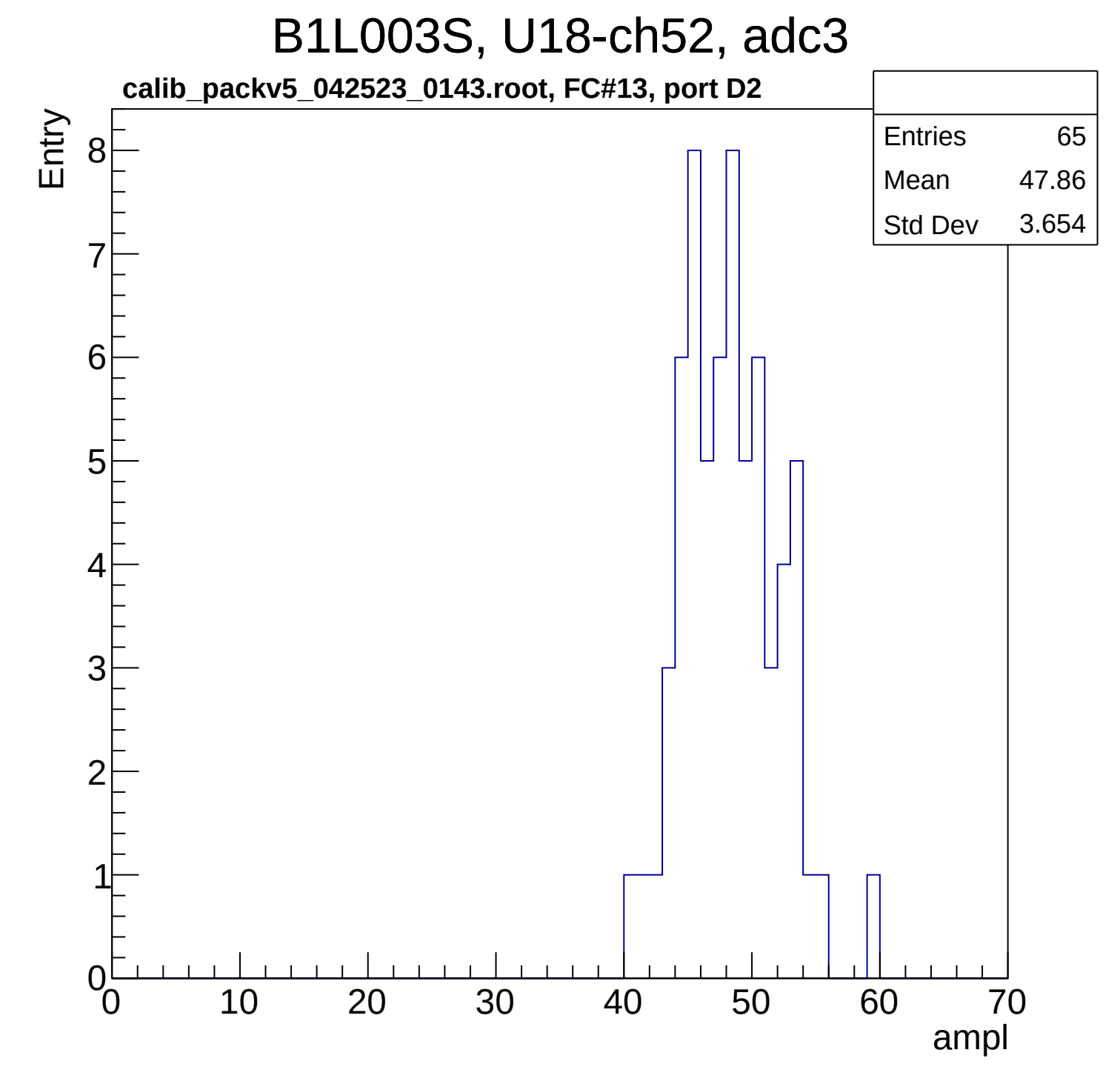

B1L003S, U18-ch51, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 54.62
Std Dev 20.66
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

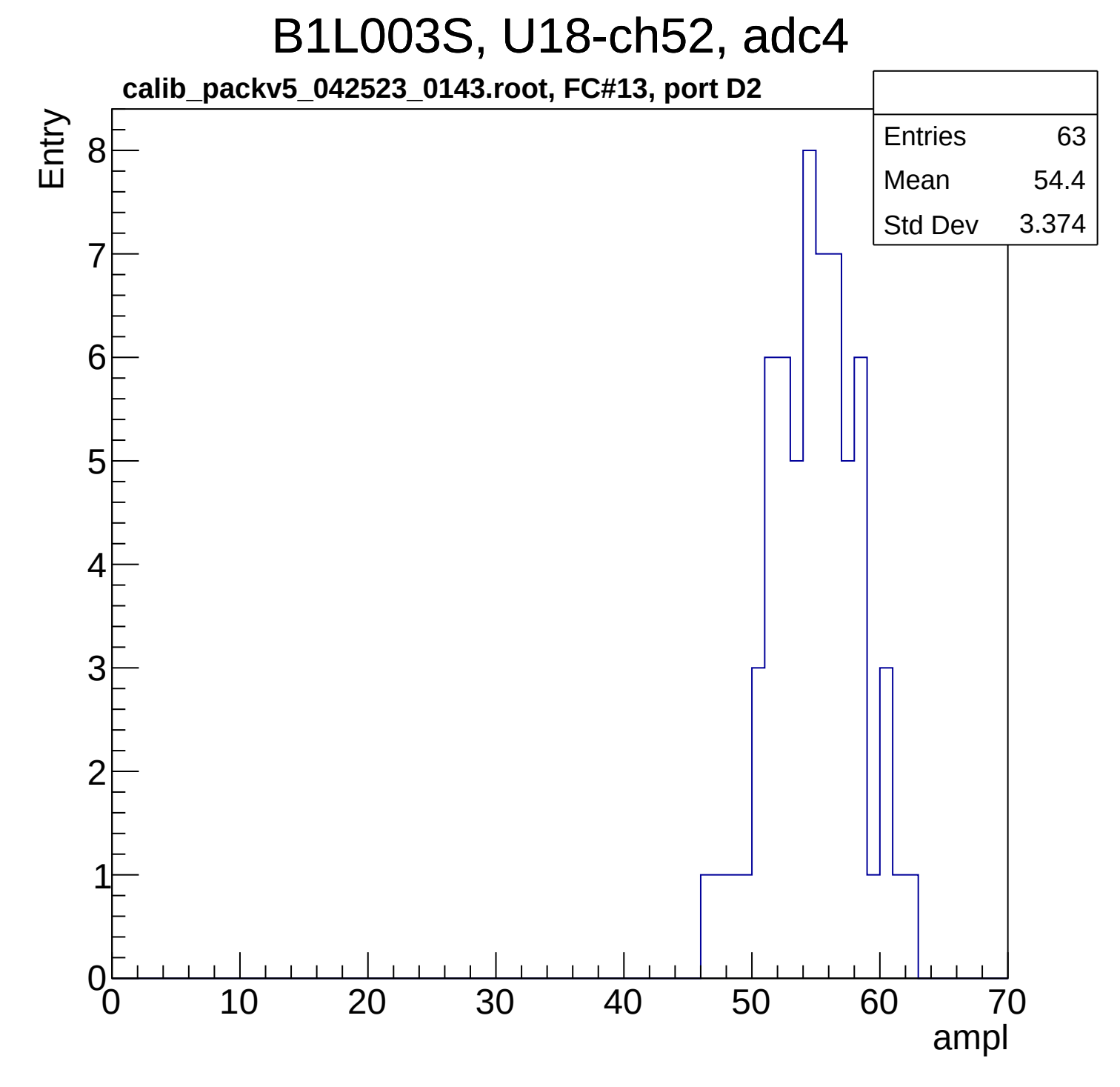

B1L003S, U18-ch51, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

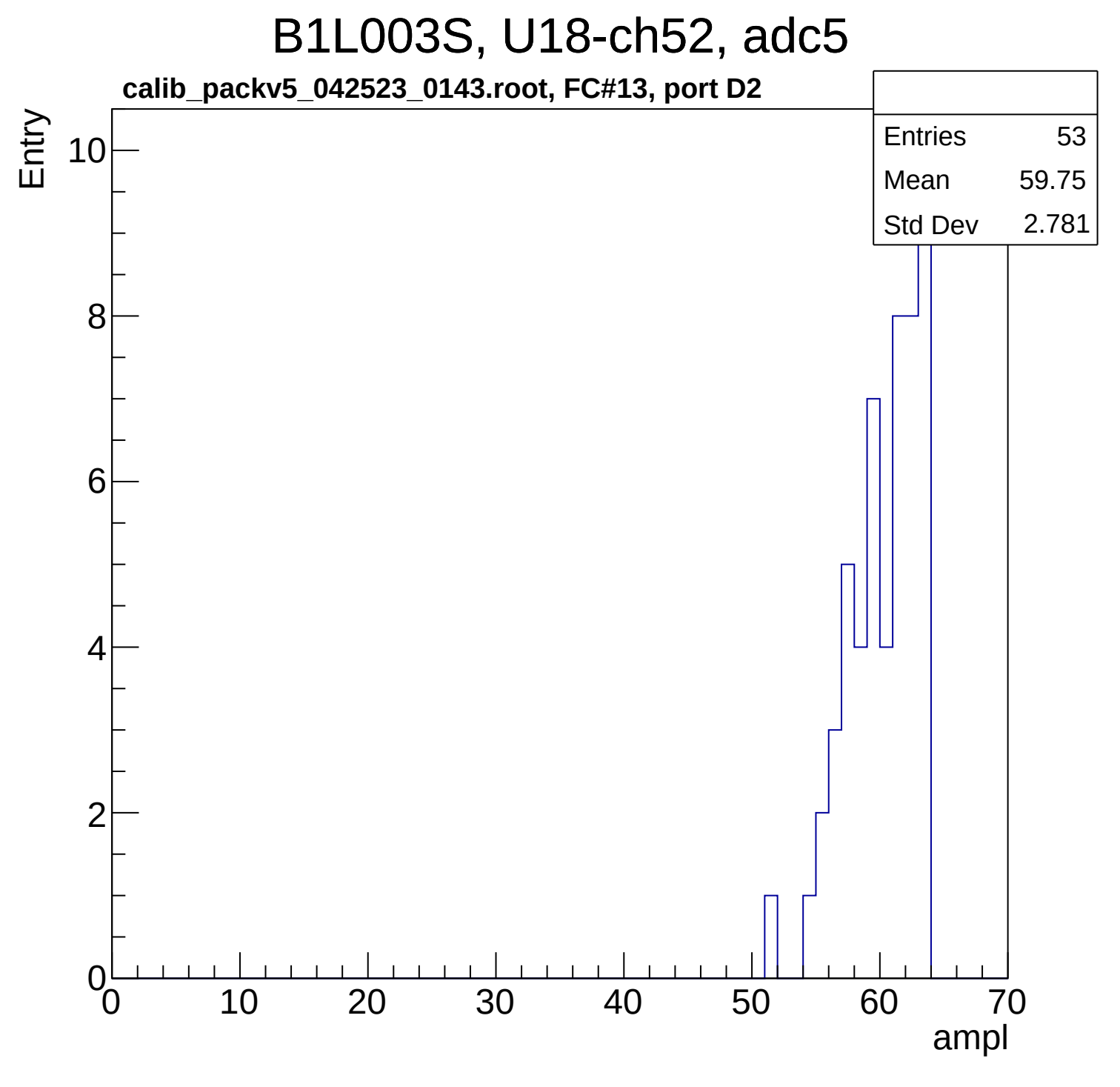

B1L003S, U18-ch52, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 29.64
Std Dev 2.887
Gaus mean : 30.0554
Gaus Width: 3.1290
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

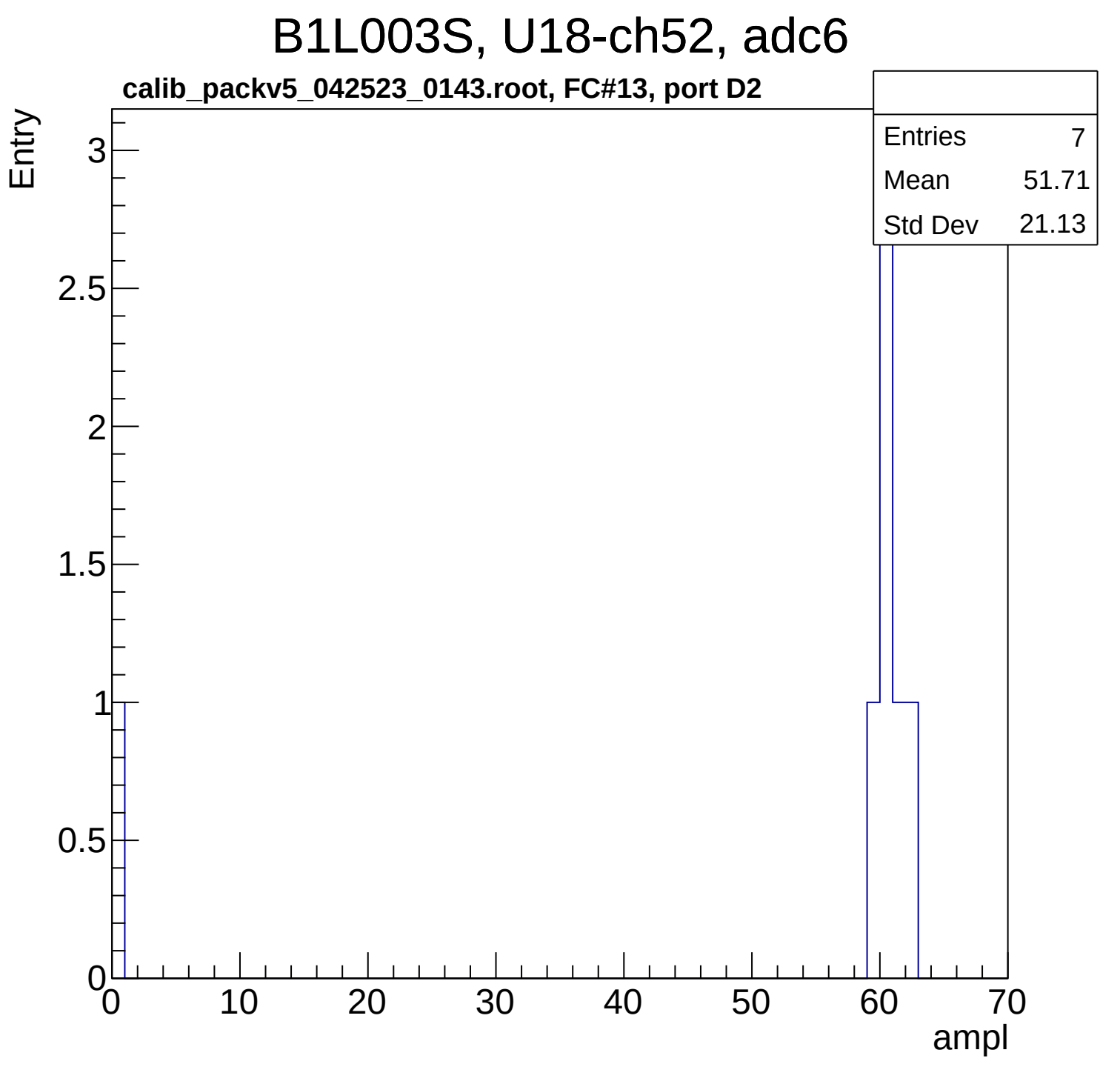

B1L003S, U18-ch52, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 35.6
Std Dev 3.308
Gaus mean : 35.8200
Gaus Width: 3.7371
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

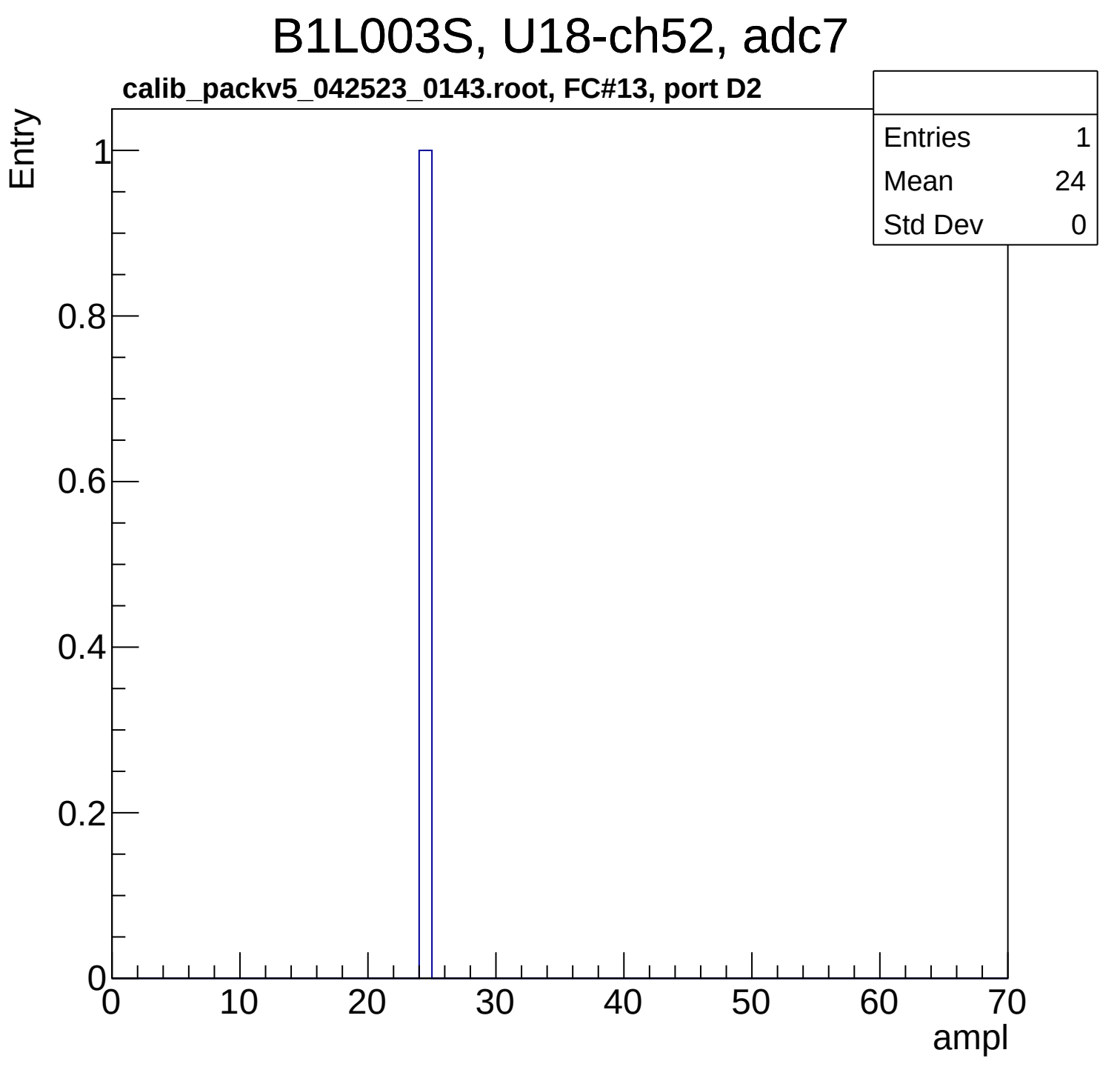

B1L003S, U18-ch52, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 41.83
Std Dev 3.773
Gaus mean : 41.8929
Gaus Width: 3.6110
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

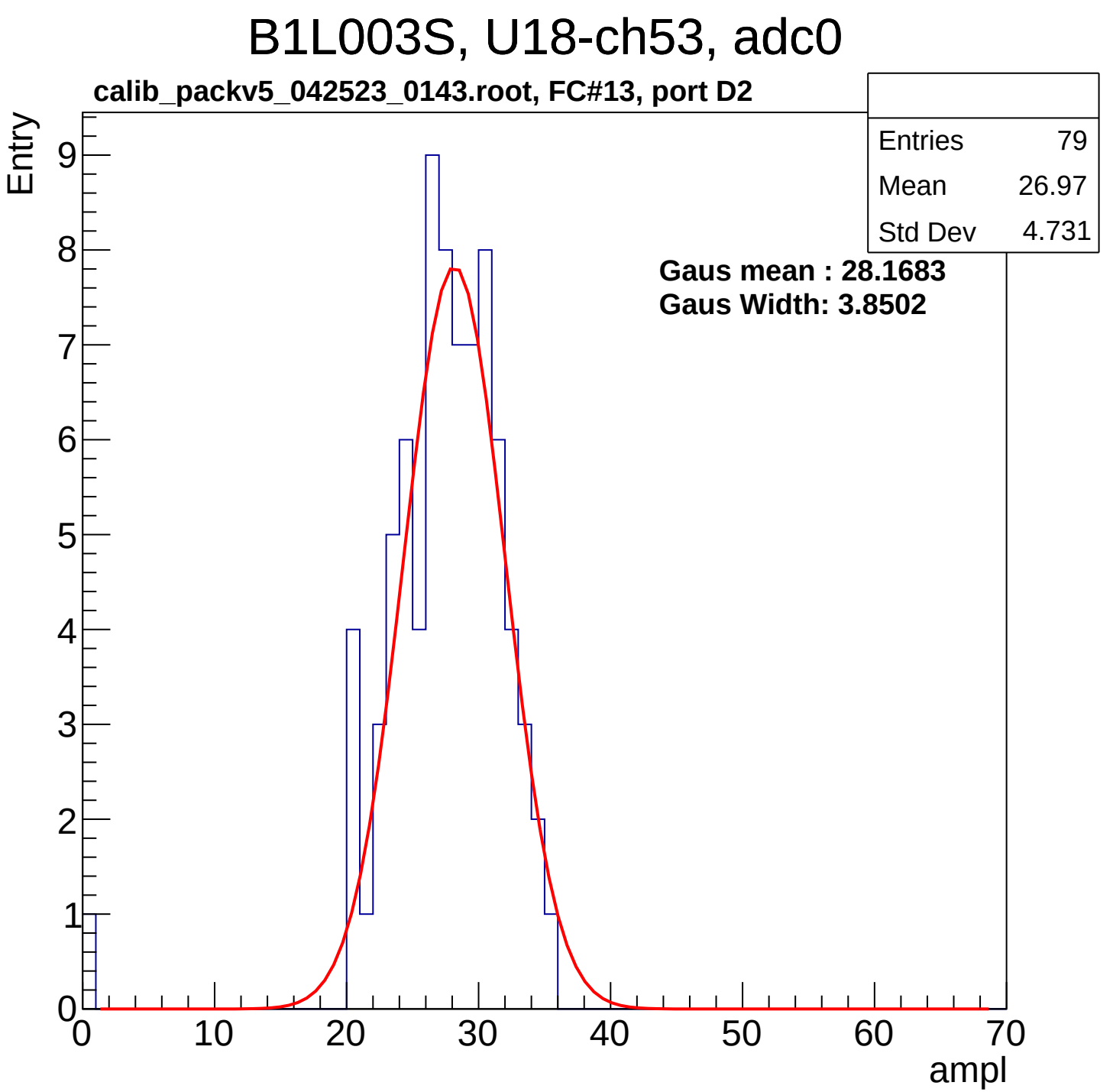

B1L003S, U18-ch52, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 47.86
Std Dev 3.654
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

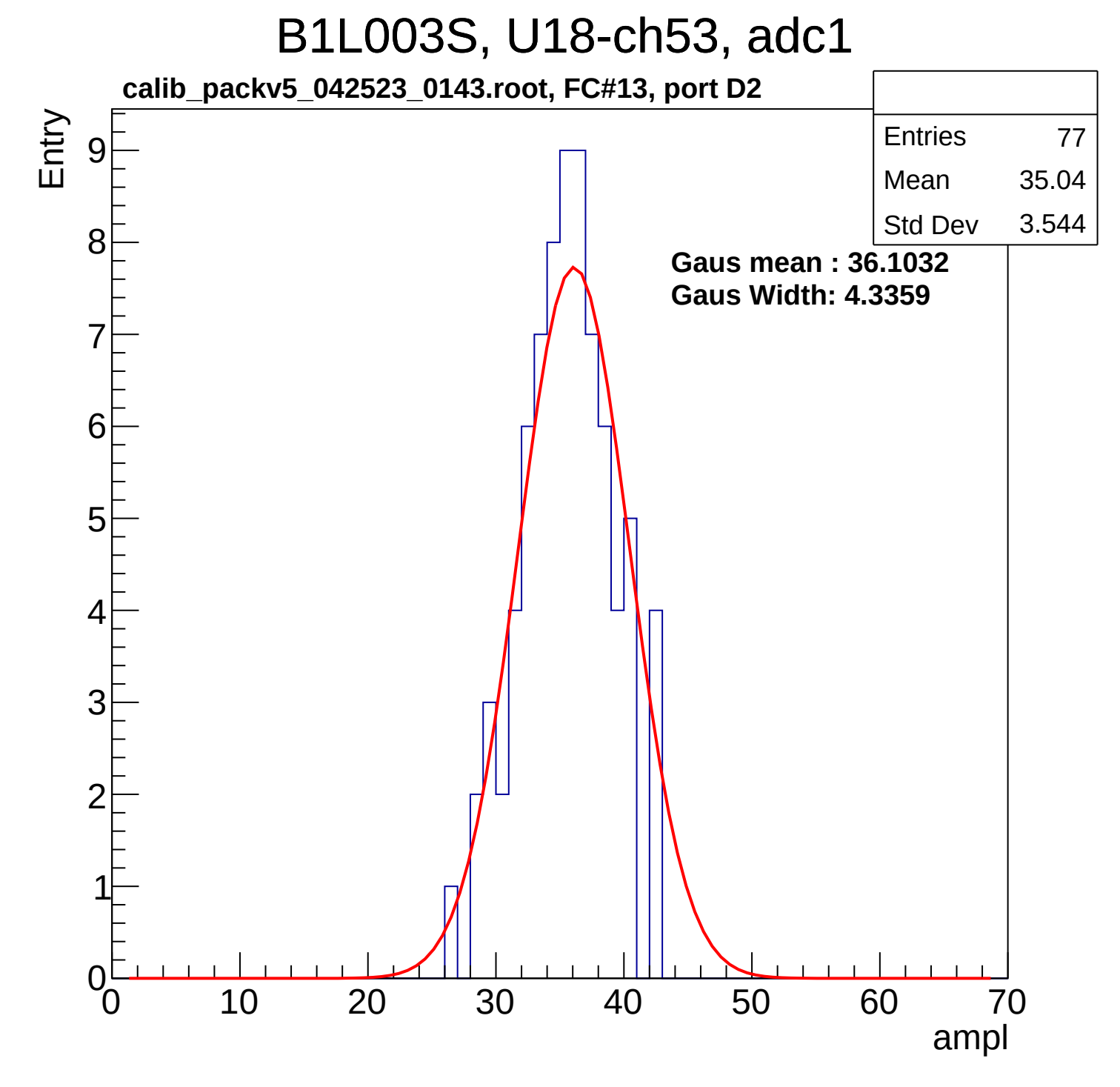

B1L003S, U18-ch52, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 54.4
Std Dev 3.374
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

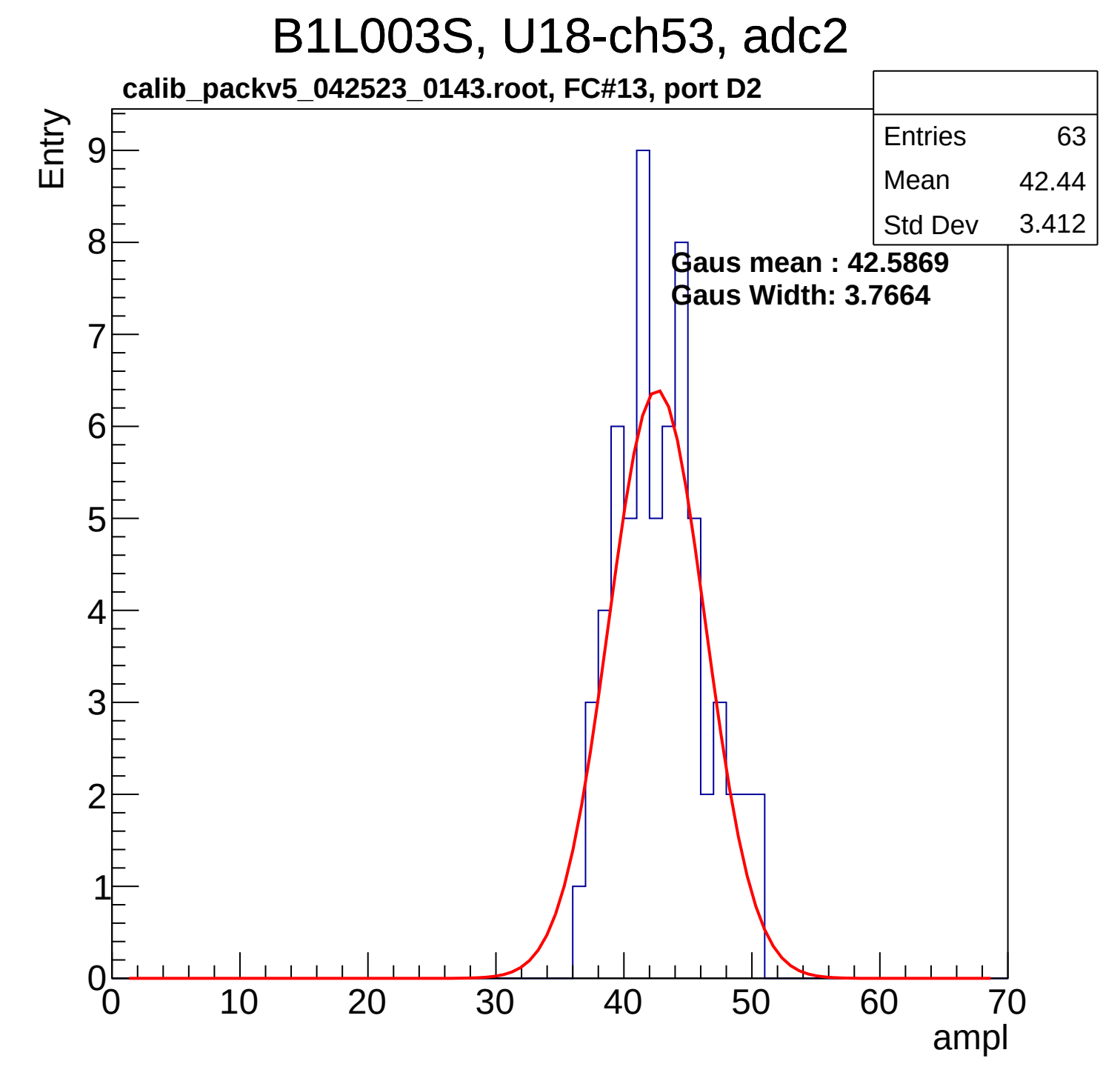

B1L003S, U18-ch52, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 59.75
Std Dev 2.781
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

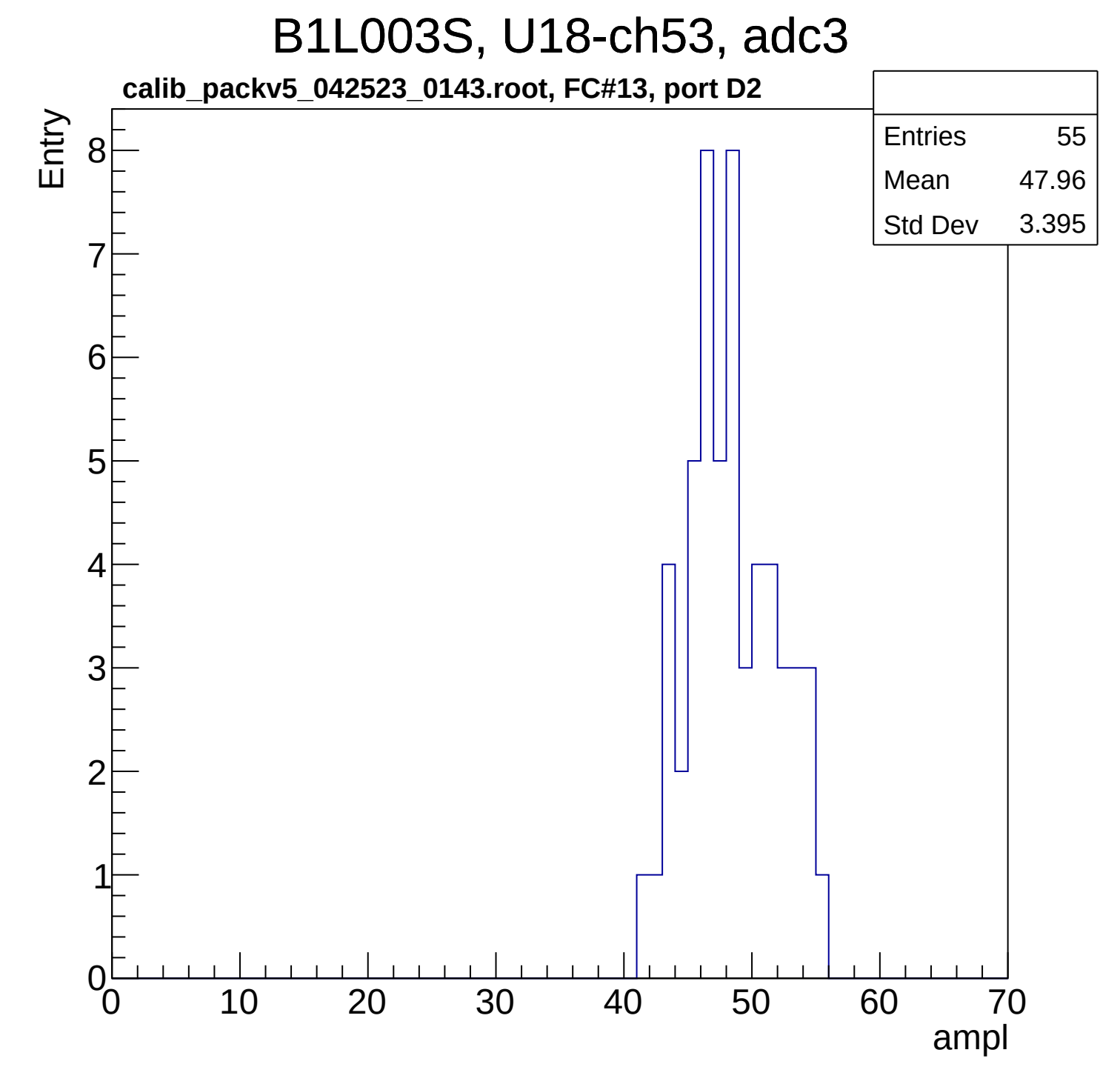

B1L003S, U18-ch52, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 51.71
Std Dev 21.13
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

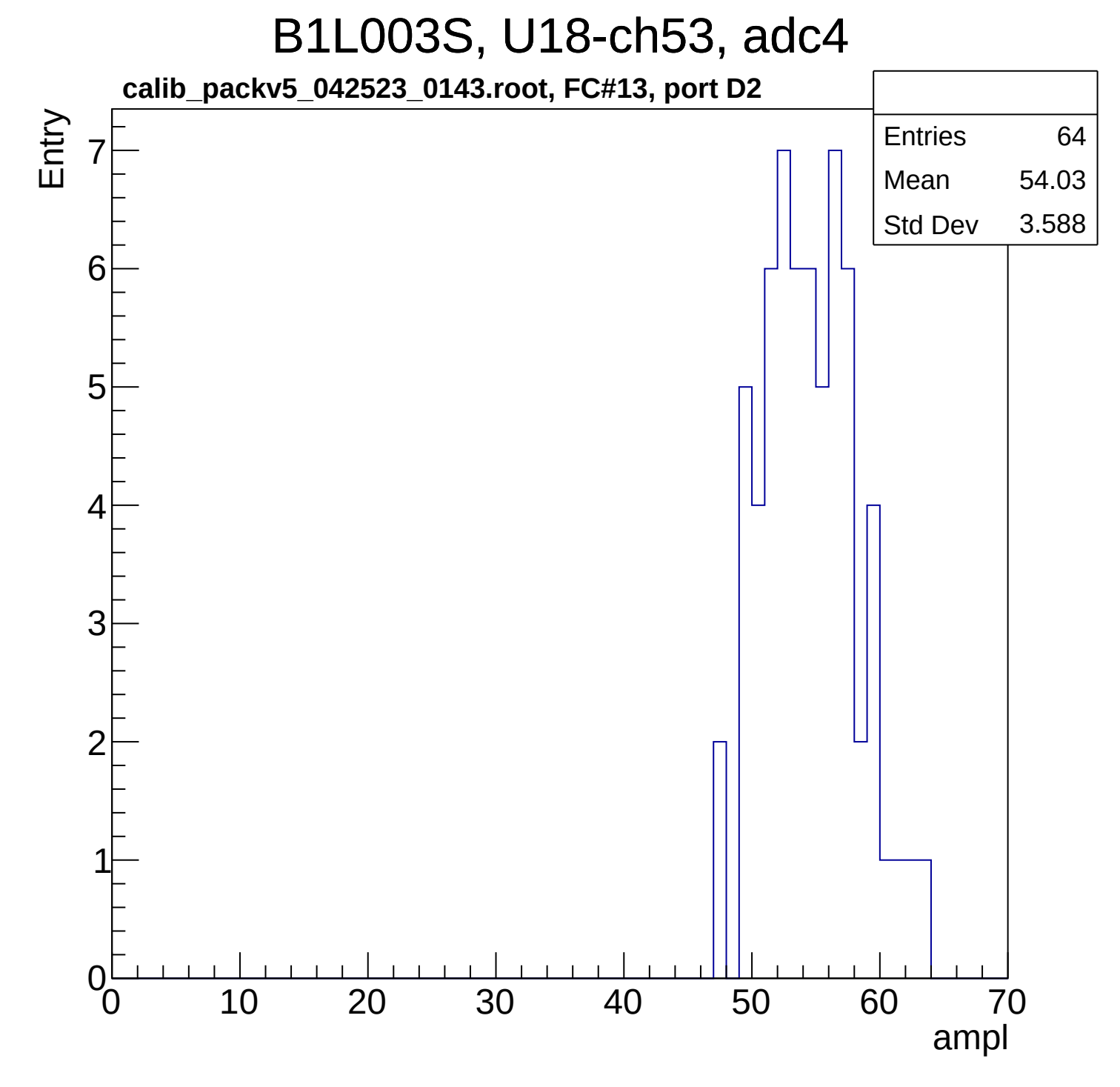

B1L003S, U18-ch52, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 24
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

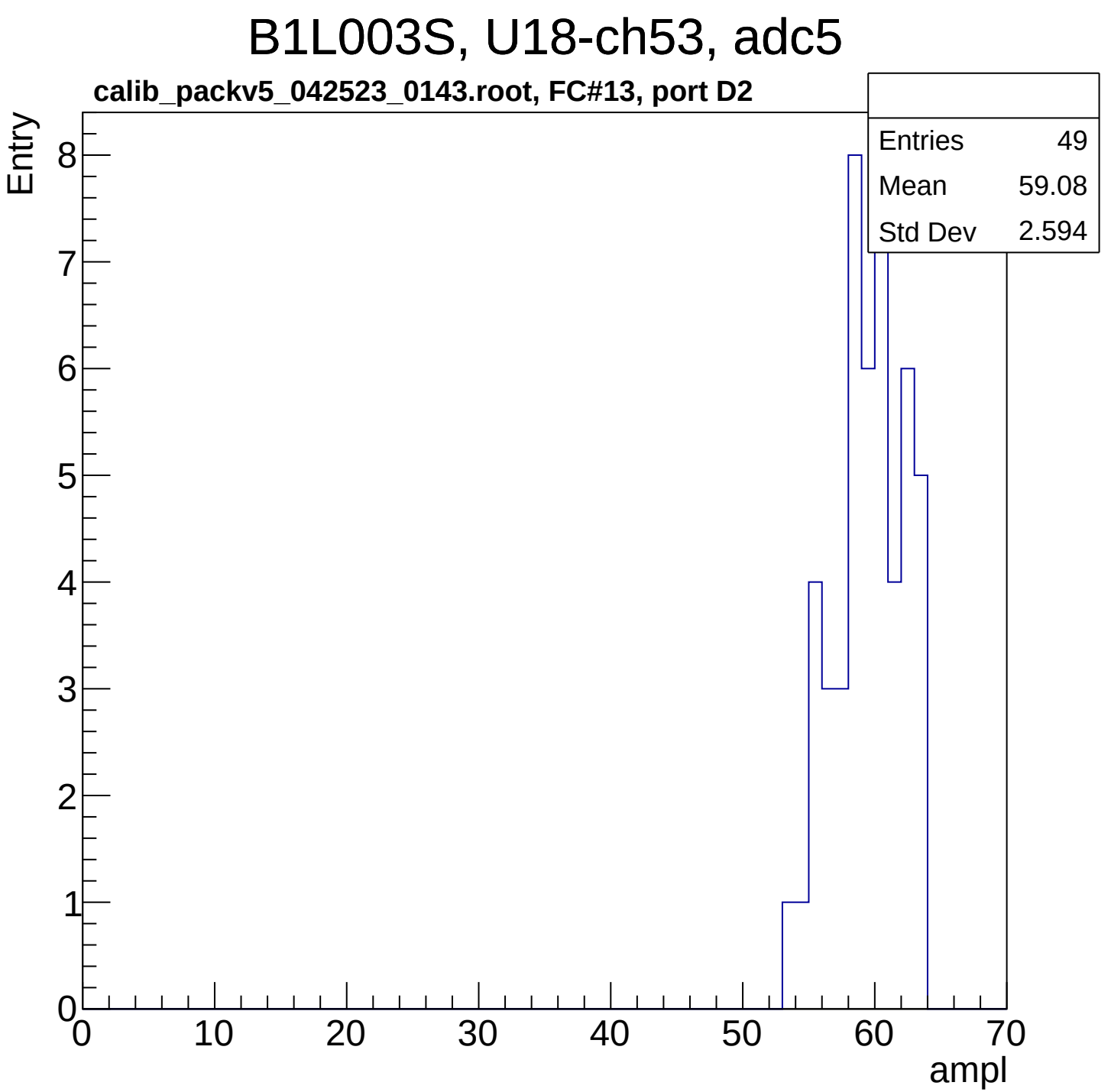

B1L003S, U18-ch53, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 26.97
Std Dev 4.731
Gaus mean : 28.1683
Gaus Width: 3.8502
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

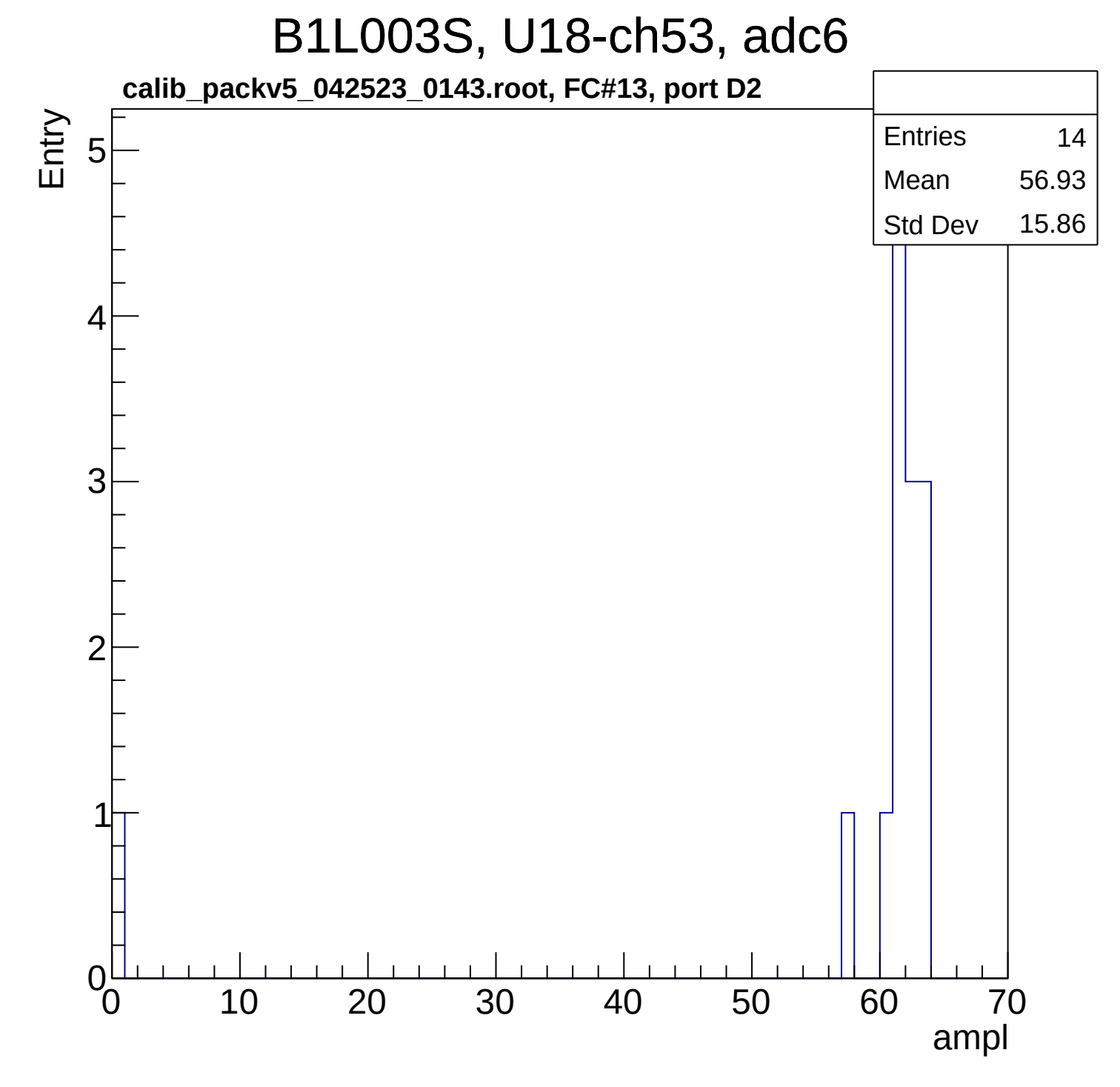

B1L003S, U18-ch53, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 35.04
Std Dev 3.544
Gaus mean : 36.1032
Gaus Width: 4.3359
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

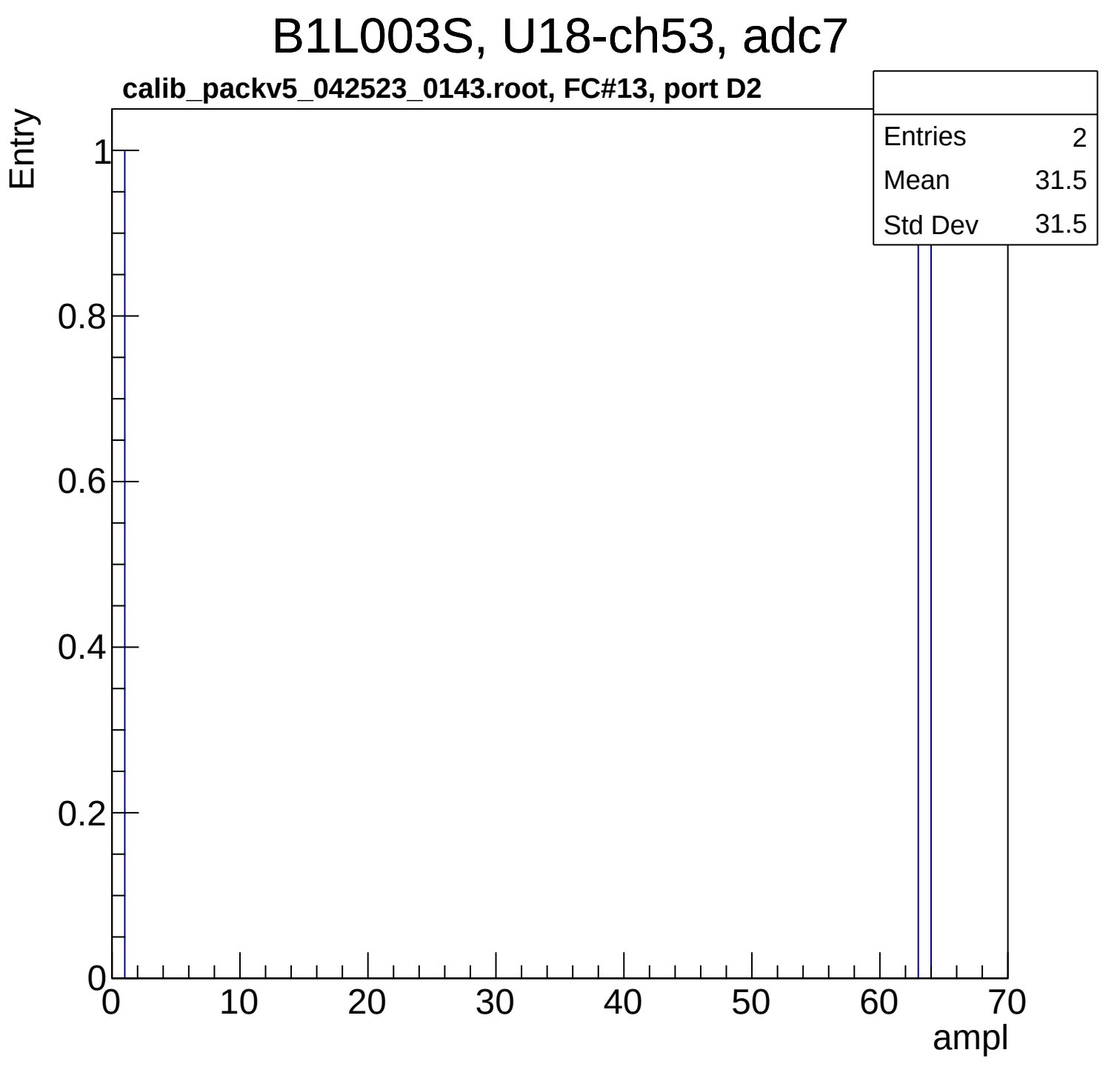

B1L003S, U18-ch53, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 42.44
Std Dev 3.412
Gaus mean : 42.5869
Gaus Width: 3.7664
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

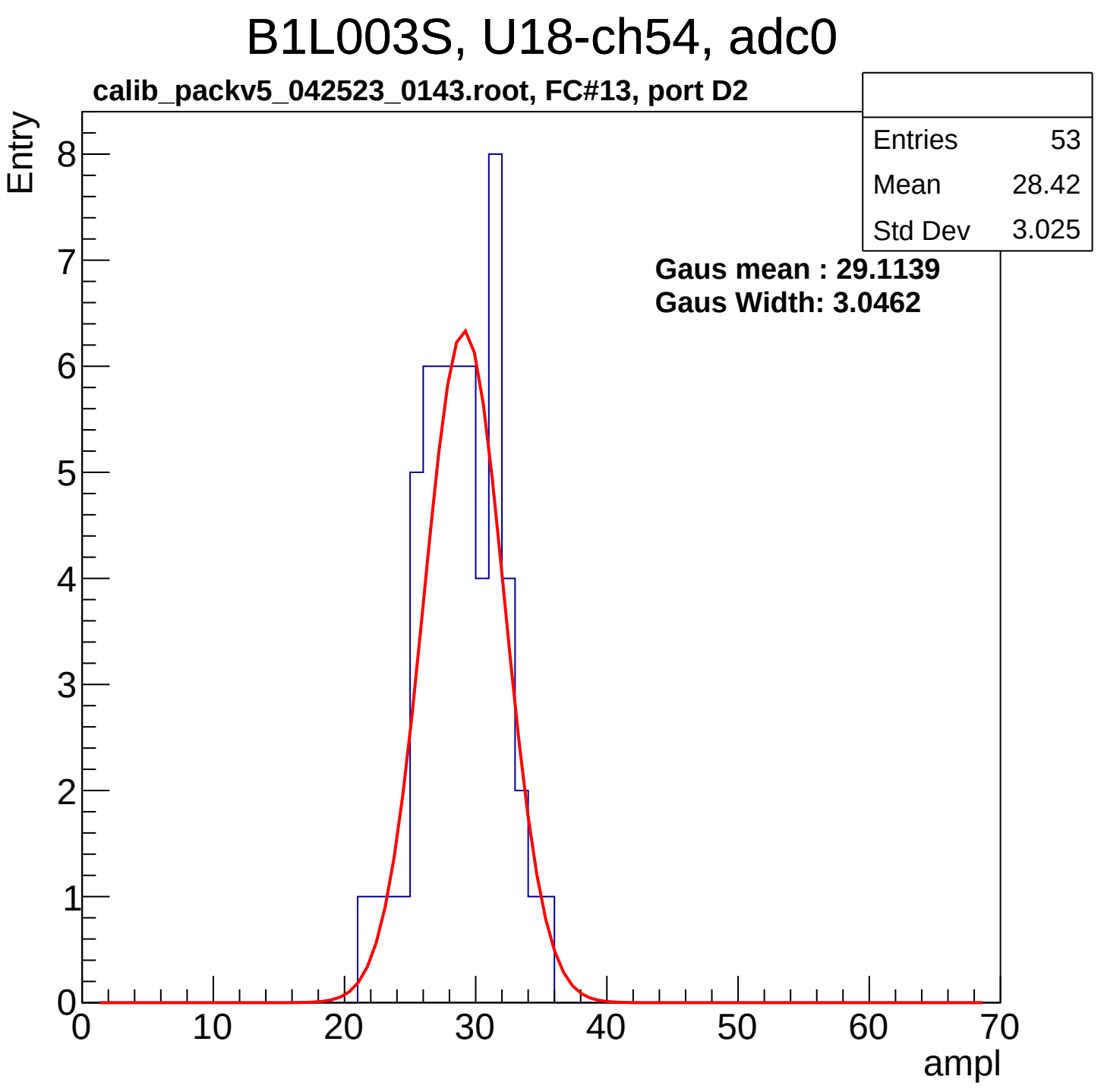

B1L003S, U18-ch53, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 47.96
Std Dev 3.395
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

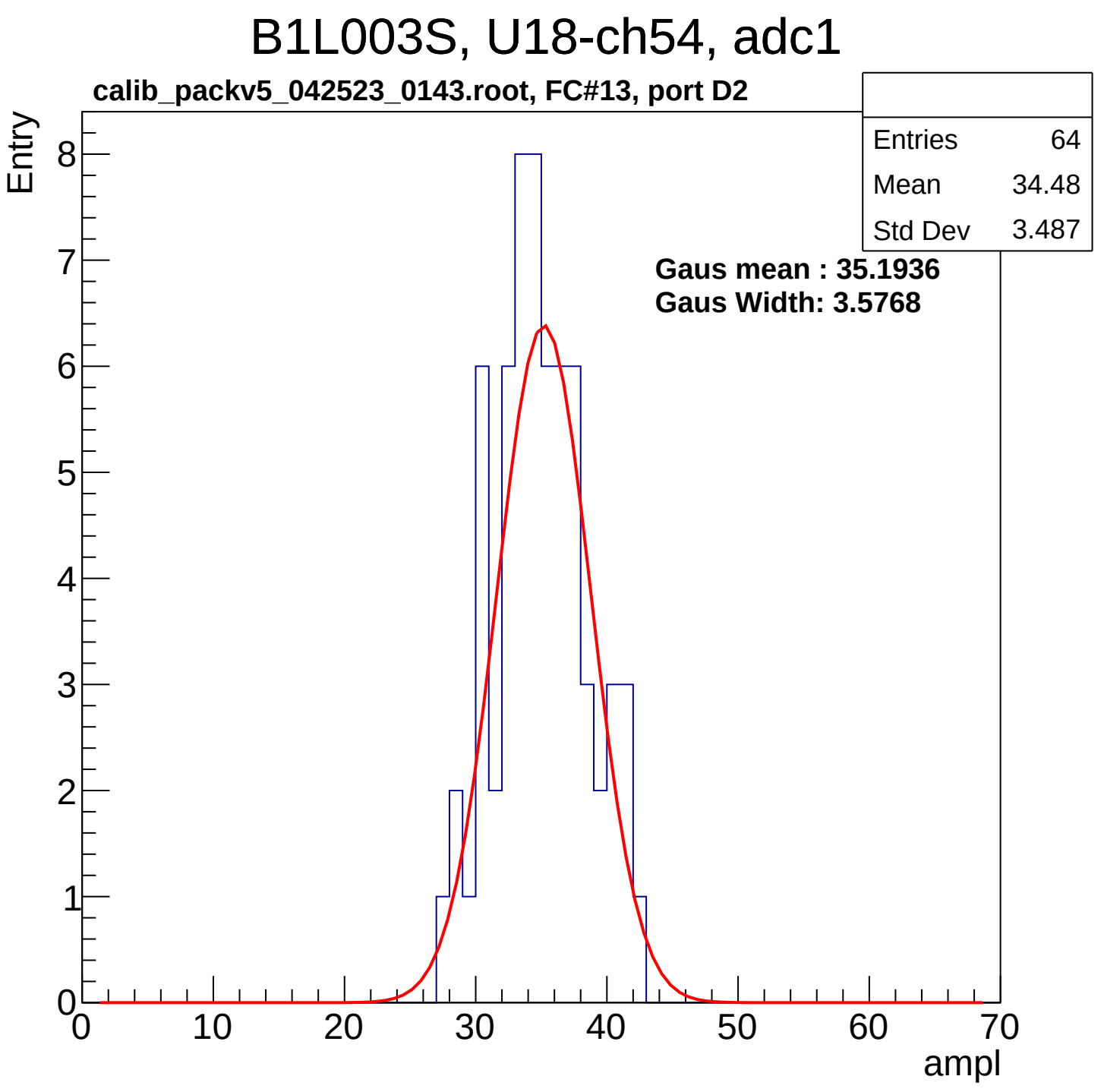

B1L003S, U18-ch53, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 54.03
Std Dev 3.588
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

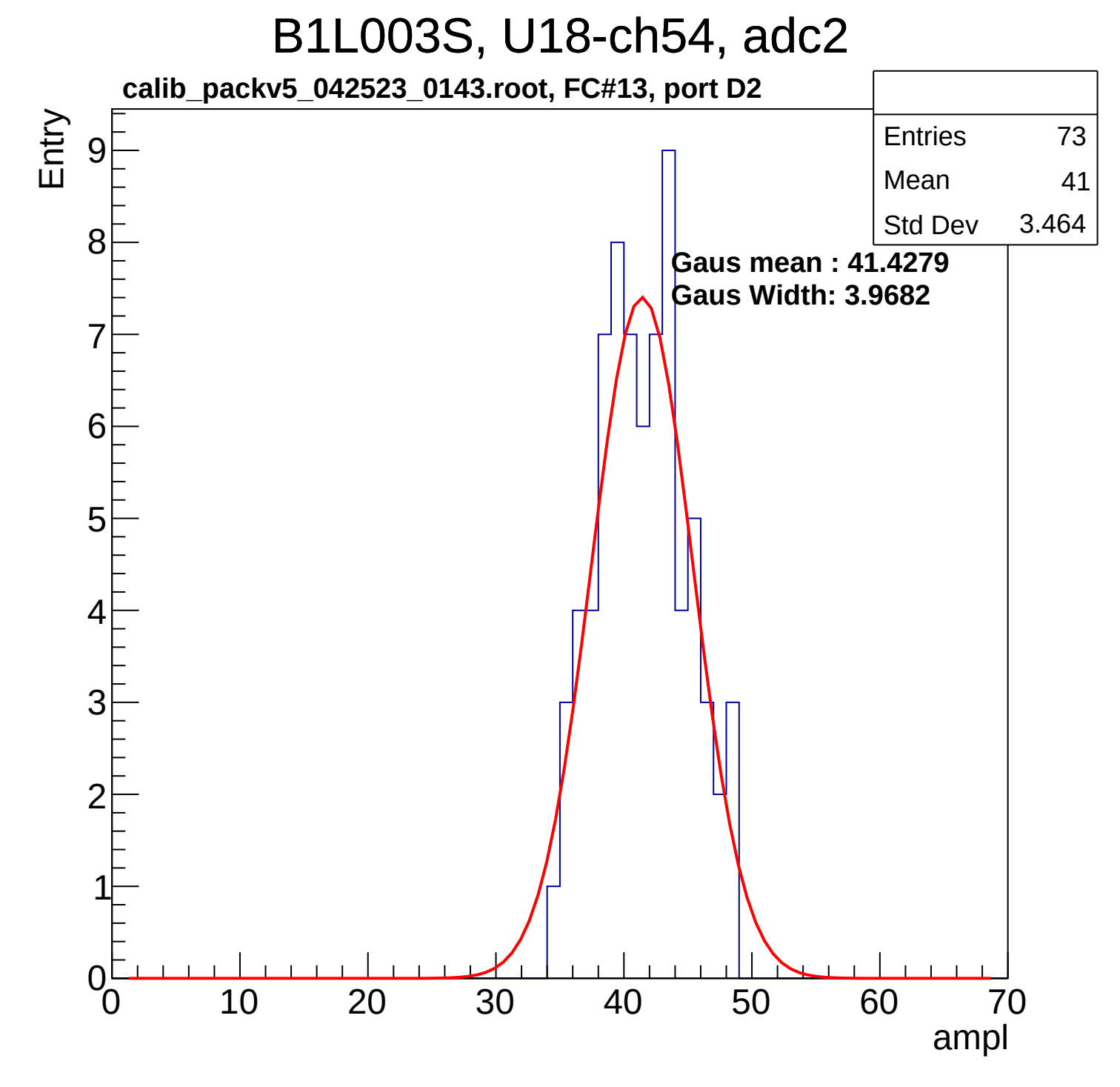

B1L003S, U18-ch53, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 59.08
Std Dev 2.594
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

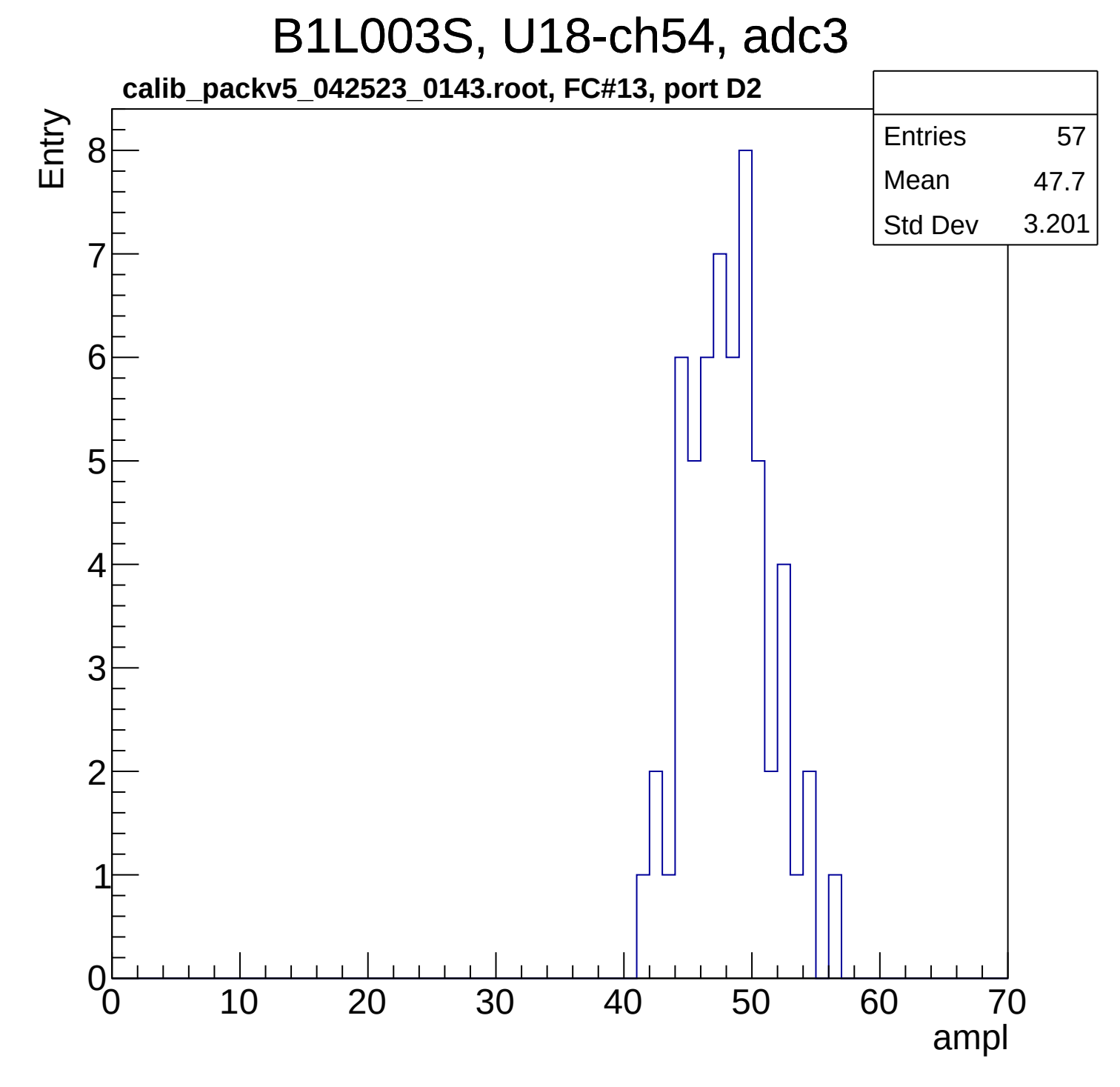

B1L003S, U18-ch53, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 14
Mean 56.93
Std Dev 15.86
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

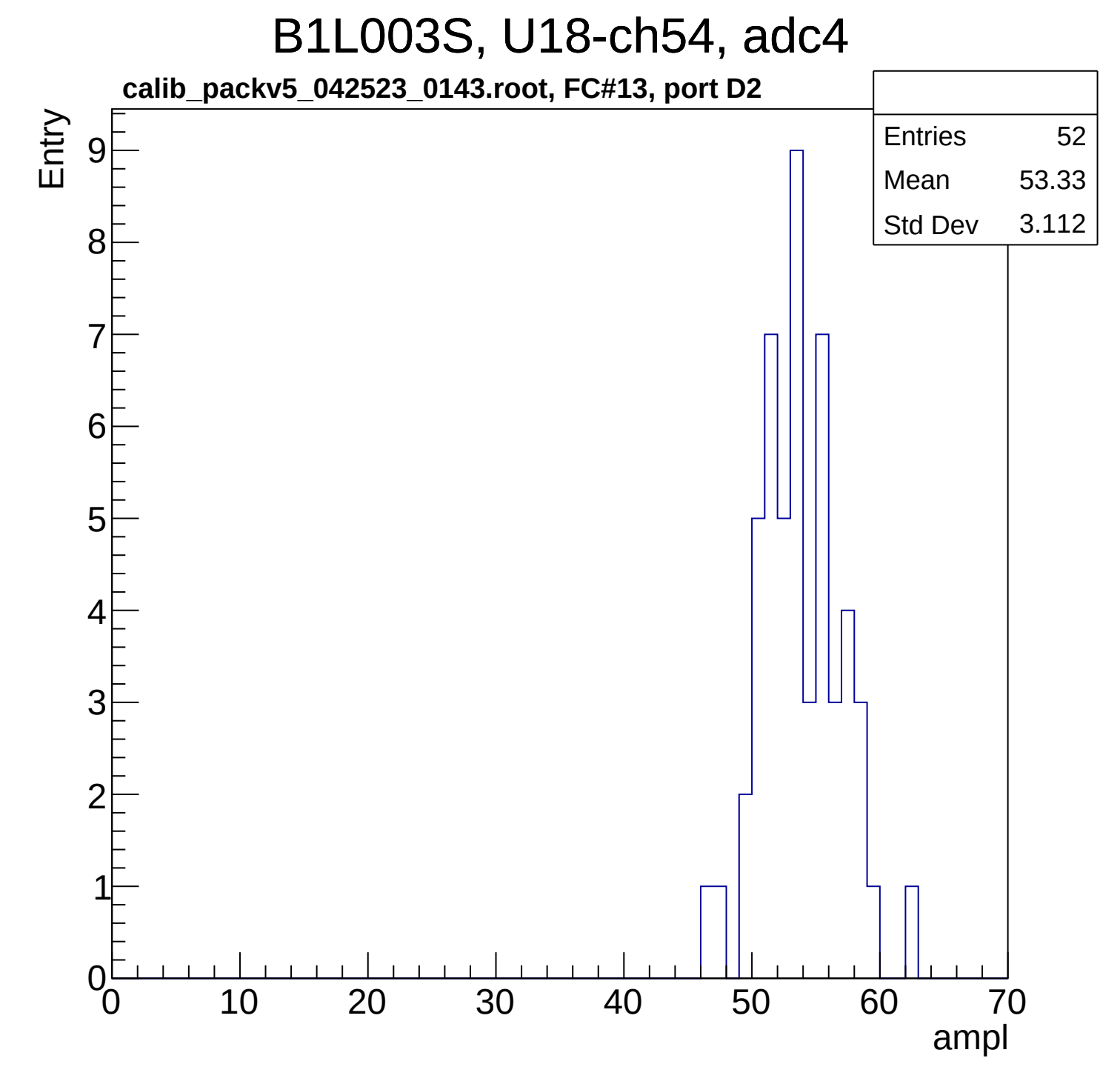

B1L003S, U18-ch53, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

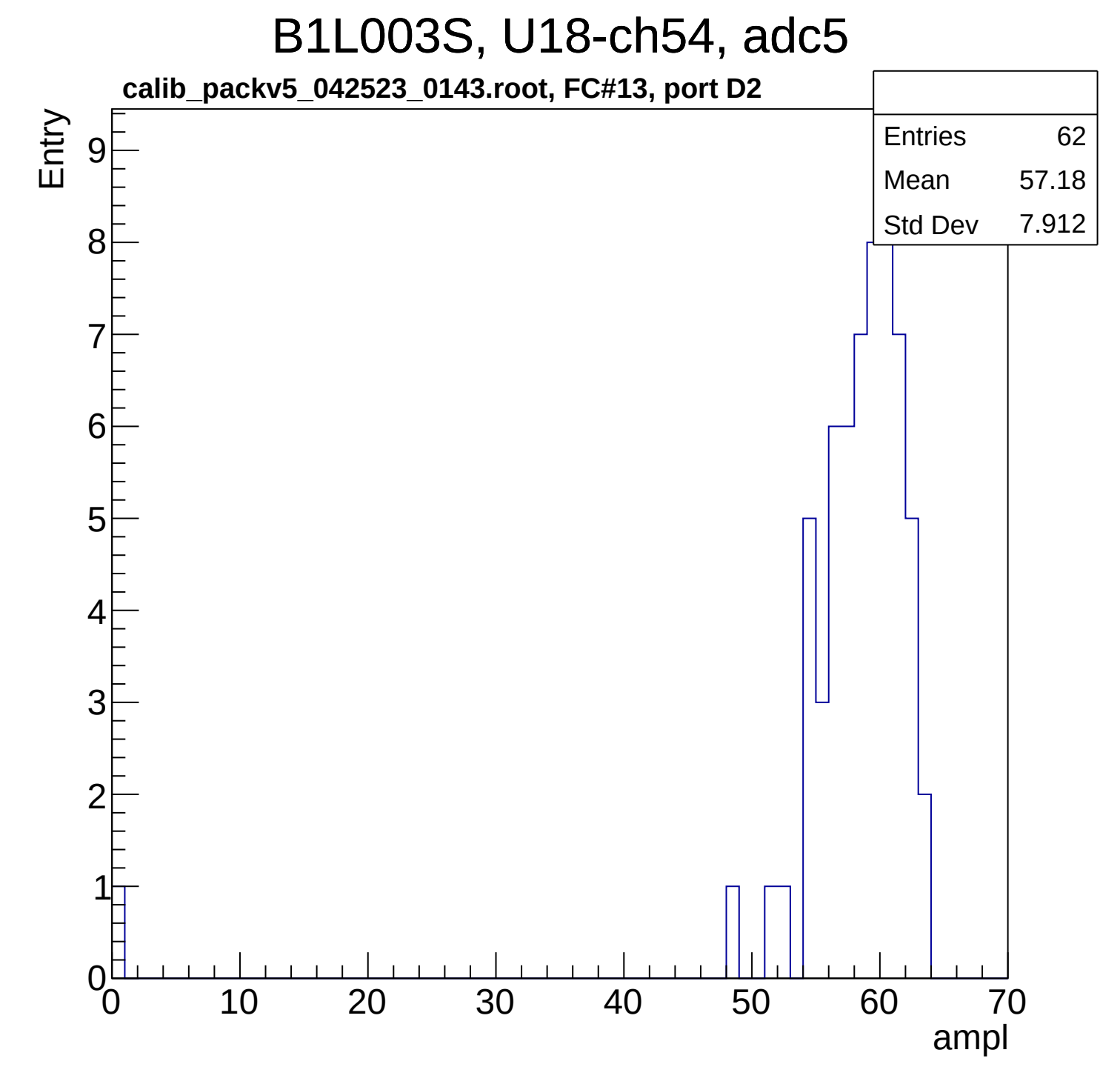

B1L003S, U18-ch54, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 28.42
Std Dev 3.025
Gaus mean : 29.1139
Gaus Width: 3.0462
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

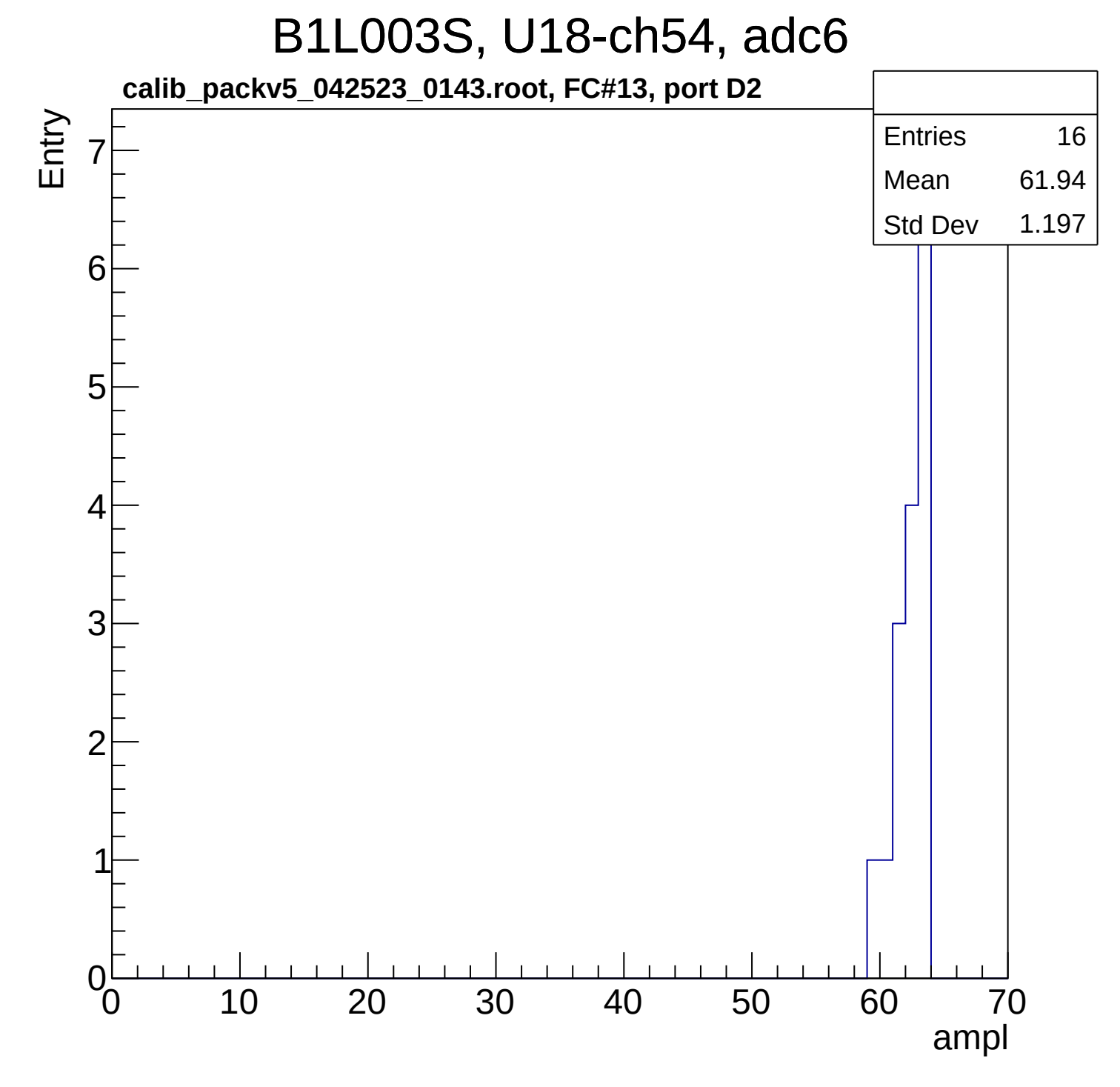

B1L003S, U18-ch54, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 34.48
Std Dev 3.487
Gaus mean : 35.1936
Gaus Width: 3.5768
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

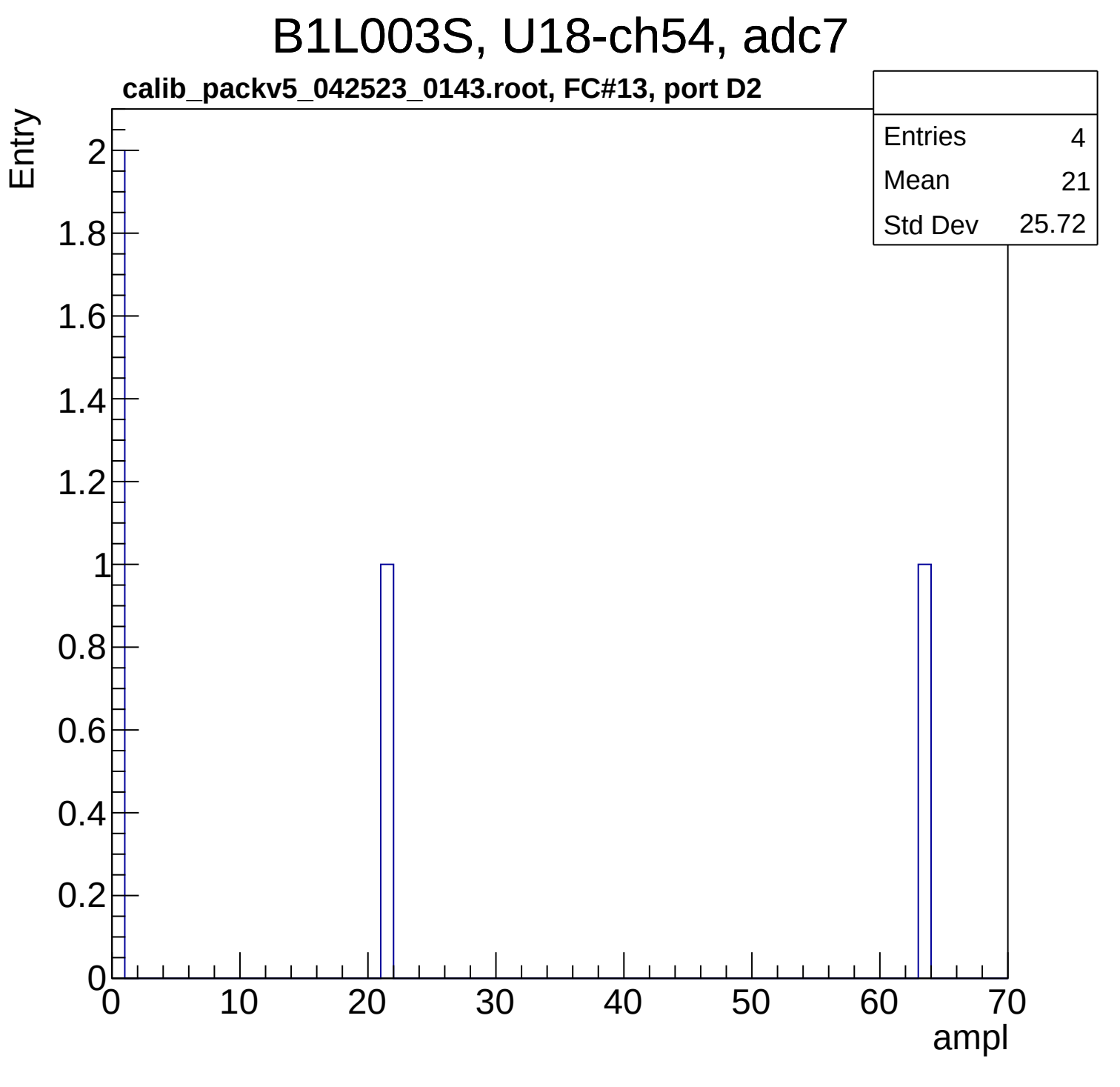

B1L003S, U18-ch54, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 41
Std Dev 3.464
Gaus mean : 41.4279
Gaus Width: 3.9682
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

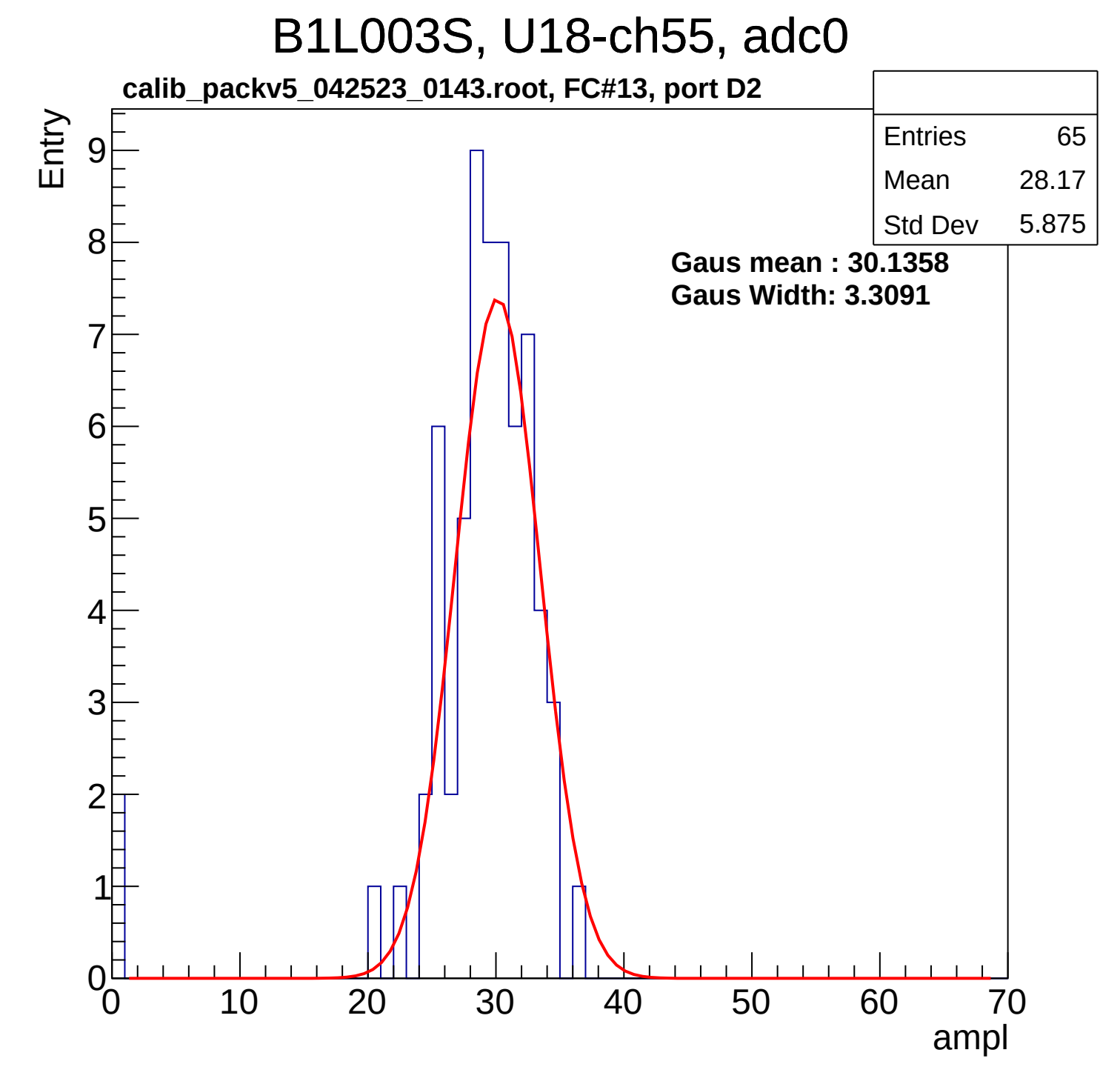

B1L003S, U18-ch54, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 47.7
Std Dev 3.201
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

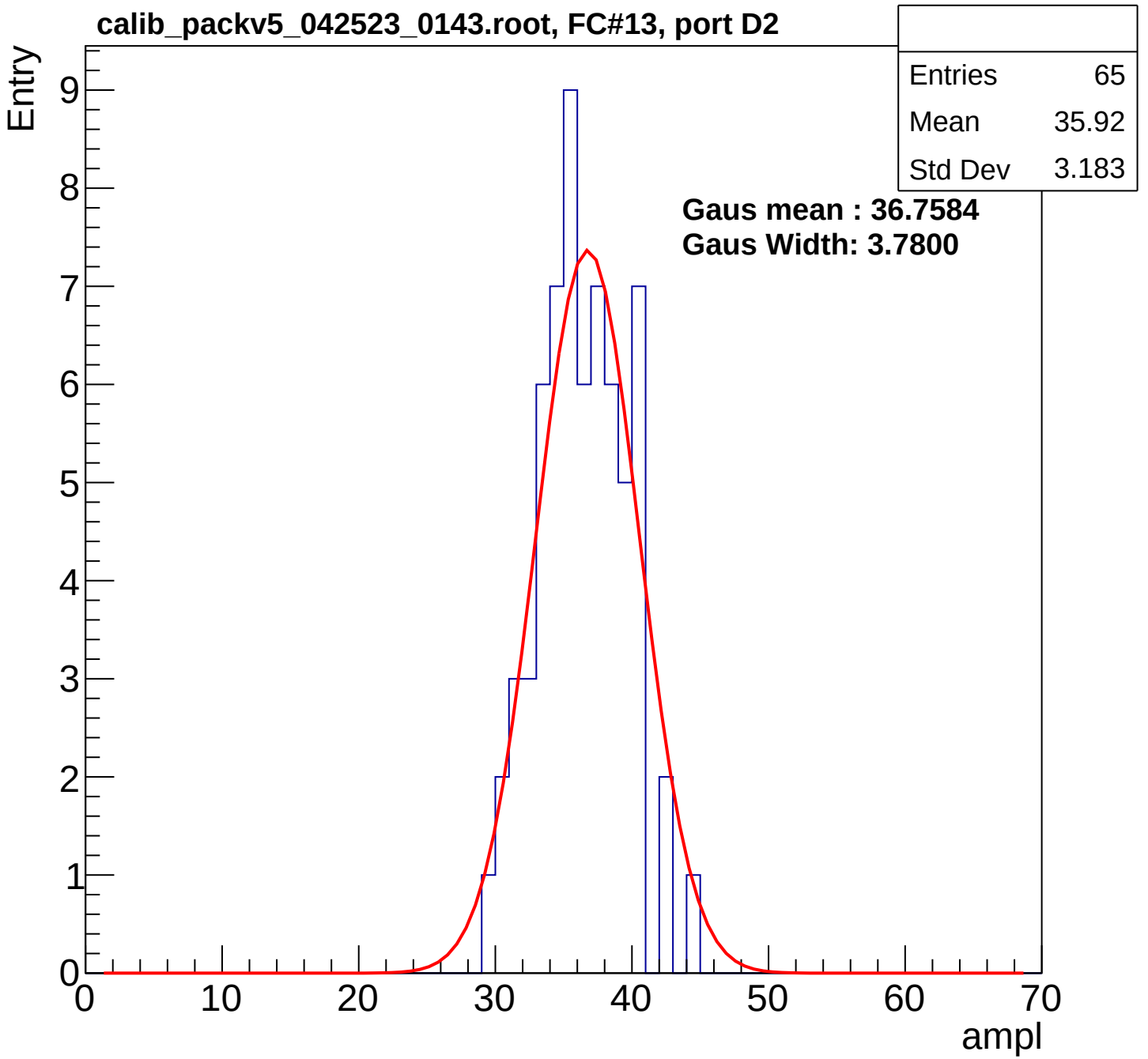

B1L003S, U18-ch54, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 53.33
Std Dev 3.112
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

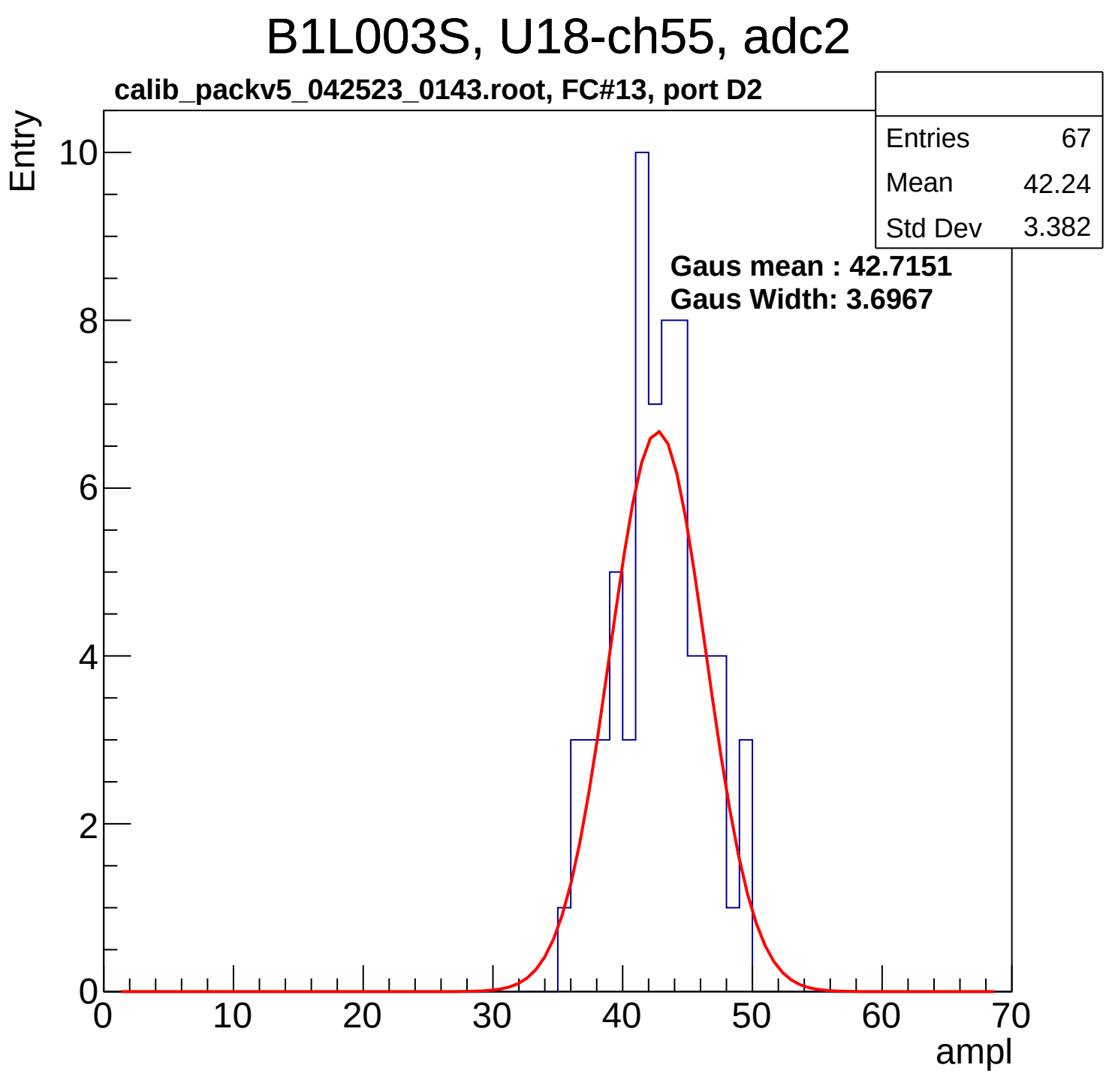

B1L003S, U18-ch54, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 57.18
Std Dev 7.912
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

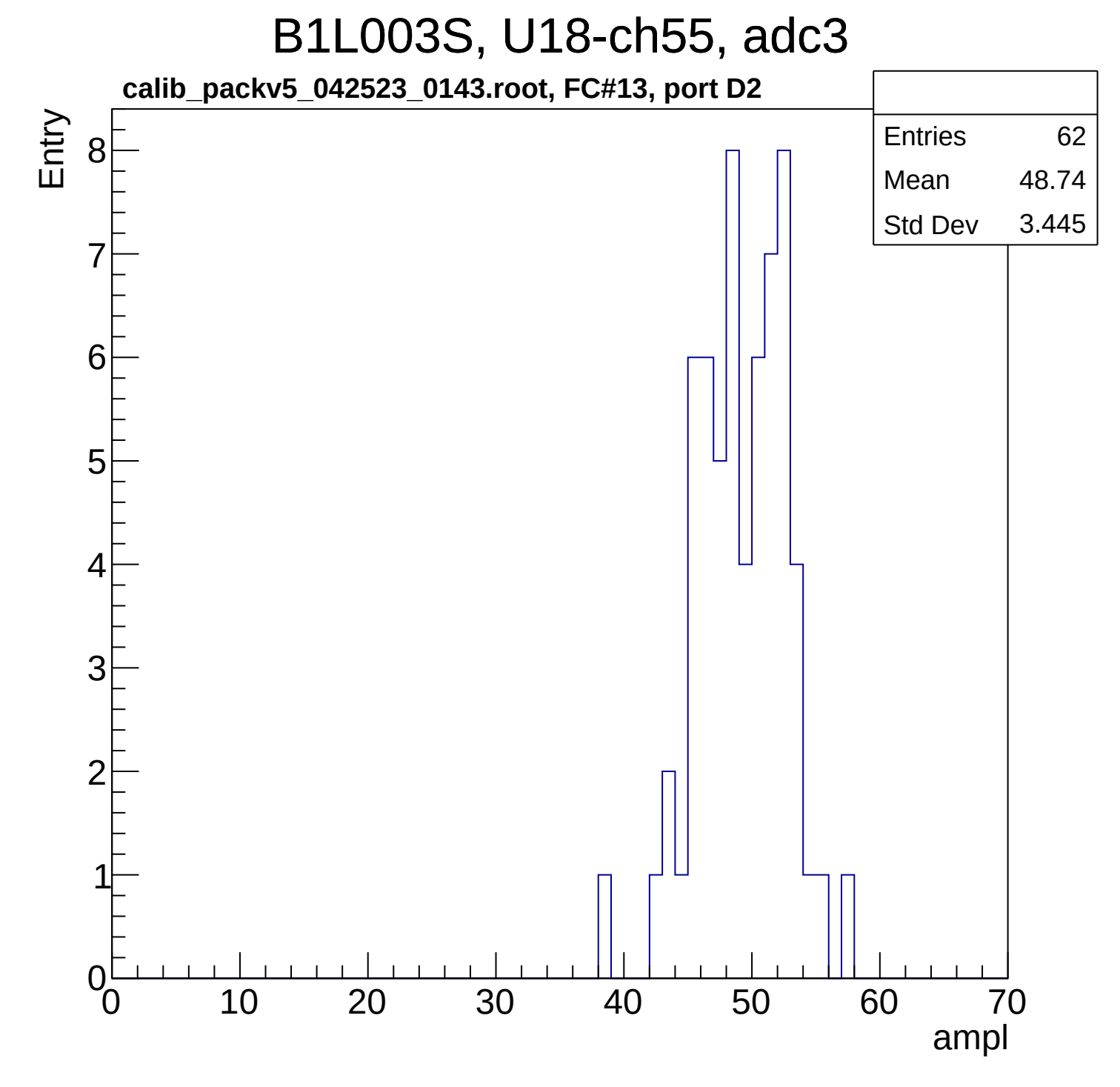

B1L003S, U18-ch54, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 16
Mean 61.94
Std Dev 1.197
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

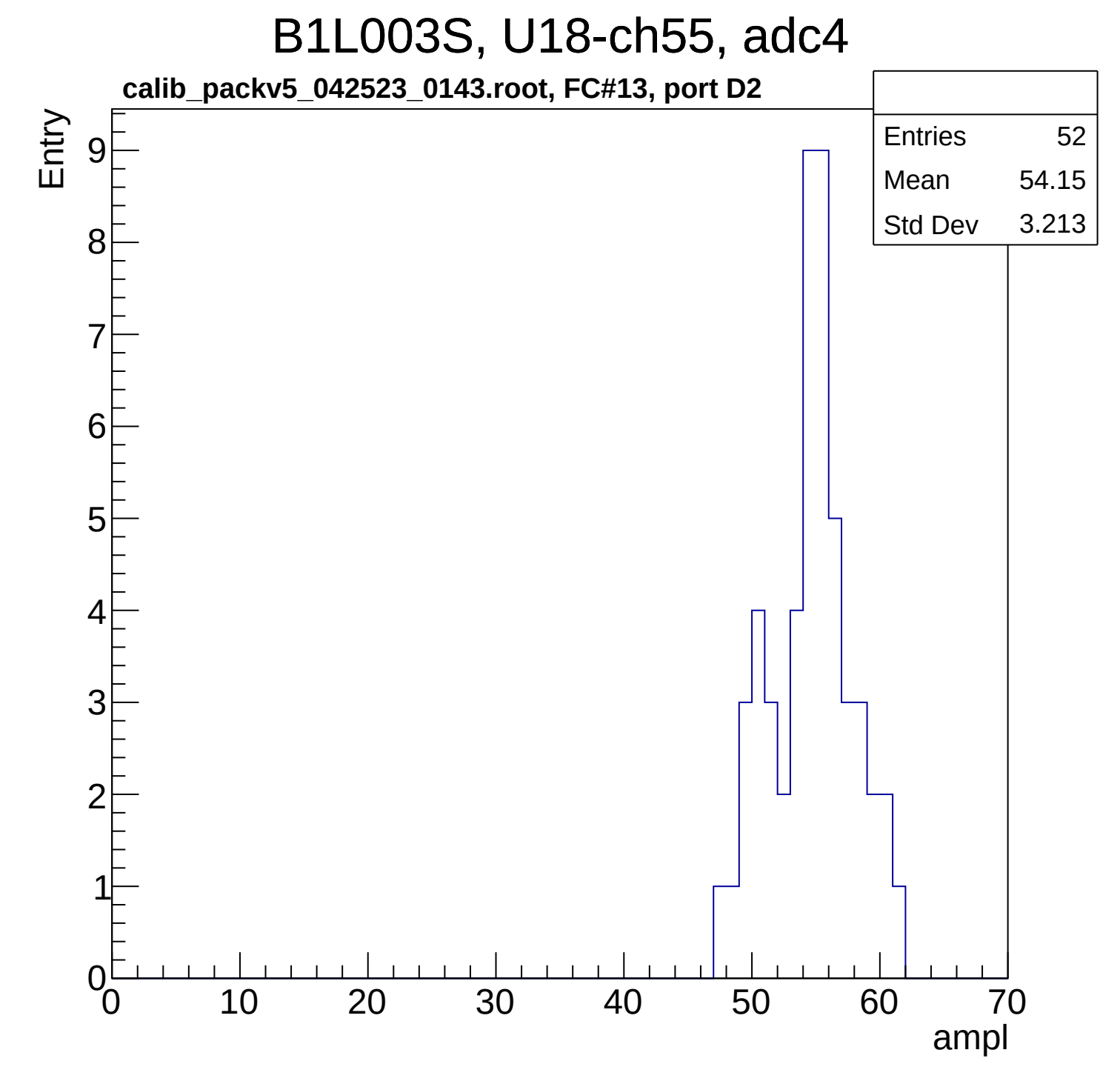

B1L003S, U18-ch54, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 21
Std Dev 25.72
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

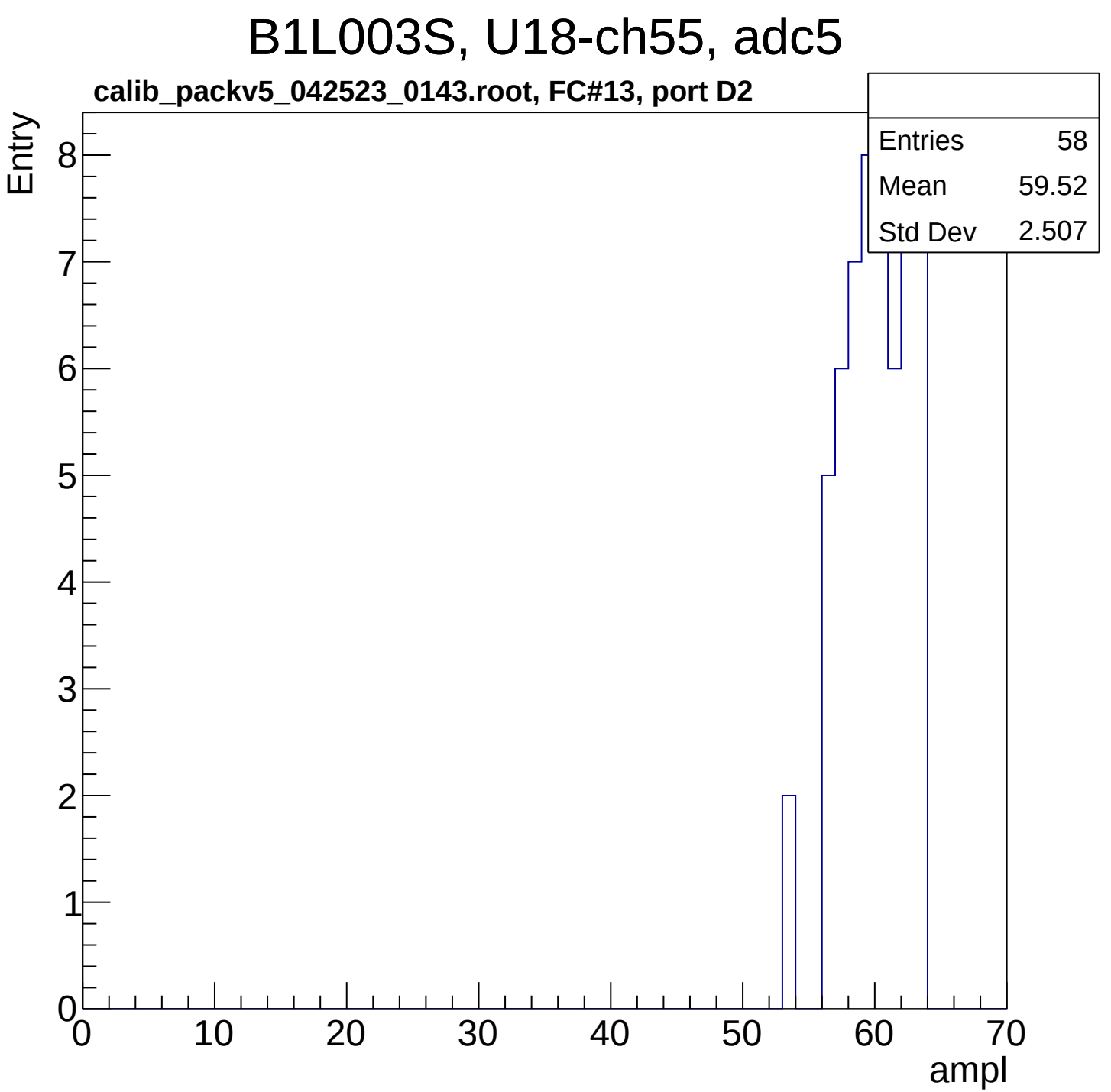

B1L003S, U18-ch55, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 28.17
Std Dev 5.875
Gaus mean : 30.1358
Gaus Width: 3.3091
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

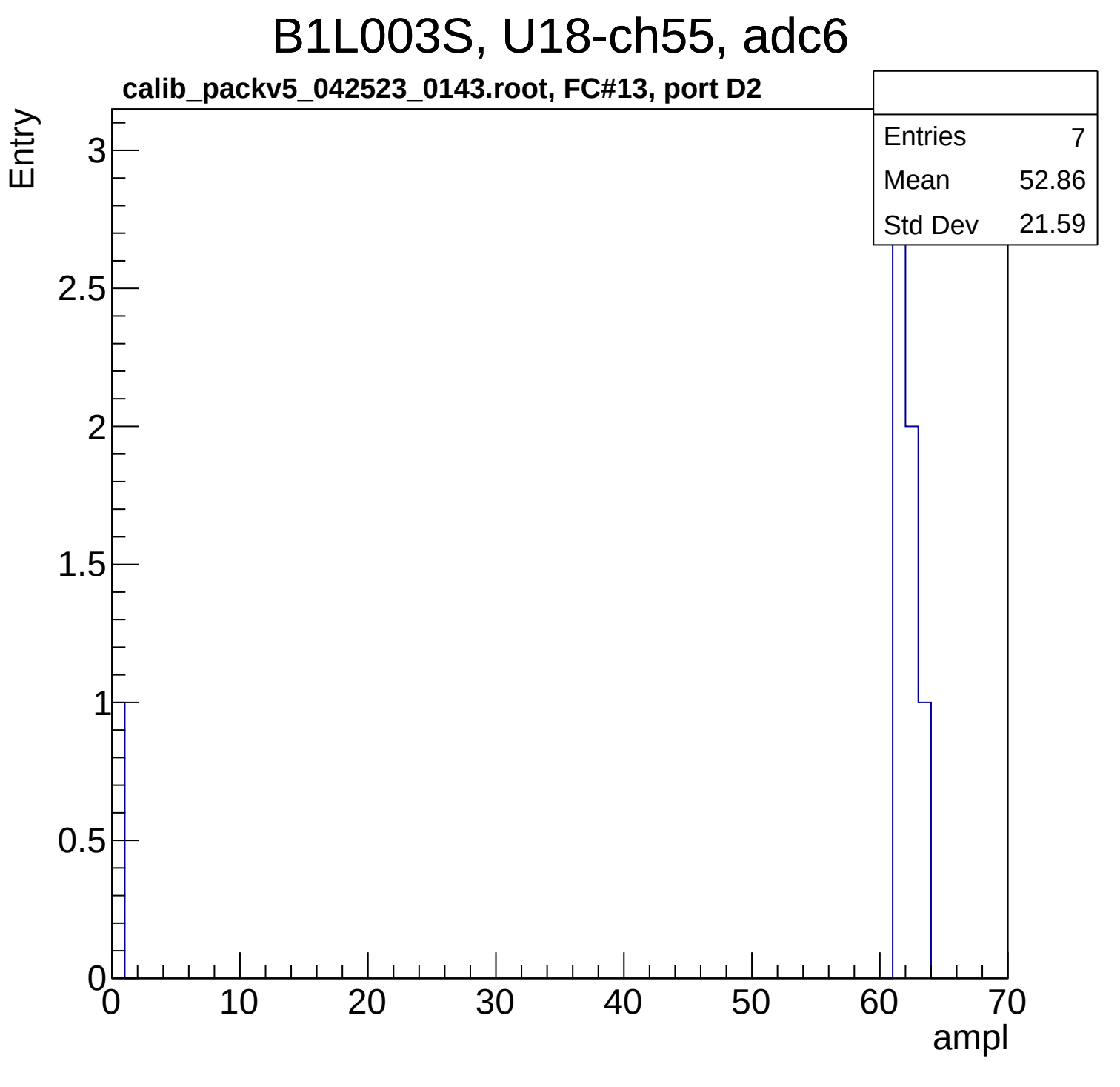

B1L003S, U18-ch55, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 35.92
Std Dev 3.183
Gaus mean : 36.7584
Gaus Width: 3.7800
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

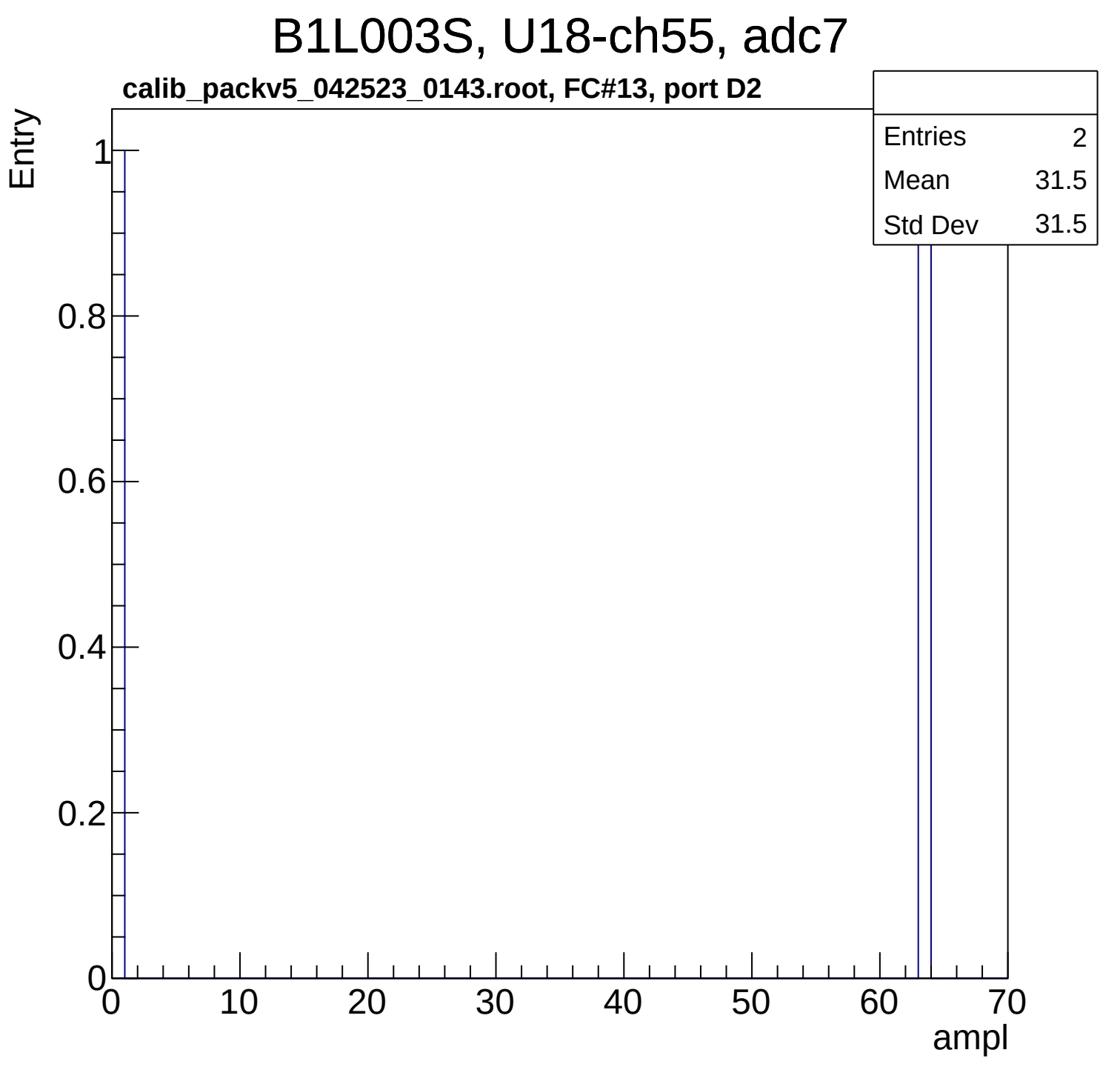

B1L003S, U18-ch55, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 42.24
Std Dev 3.382
Gaus mean : 42.7151
Gaus Width: 3.6967
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

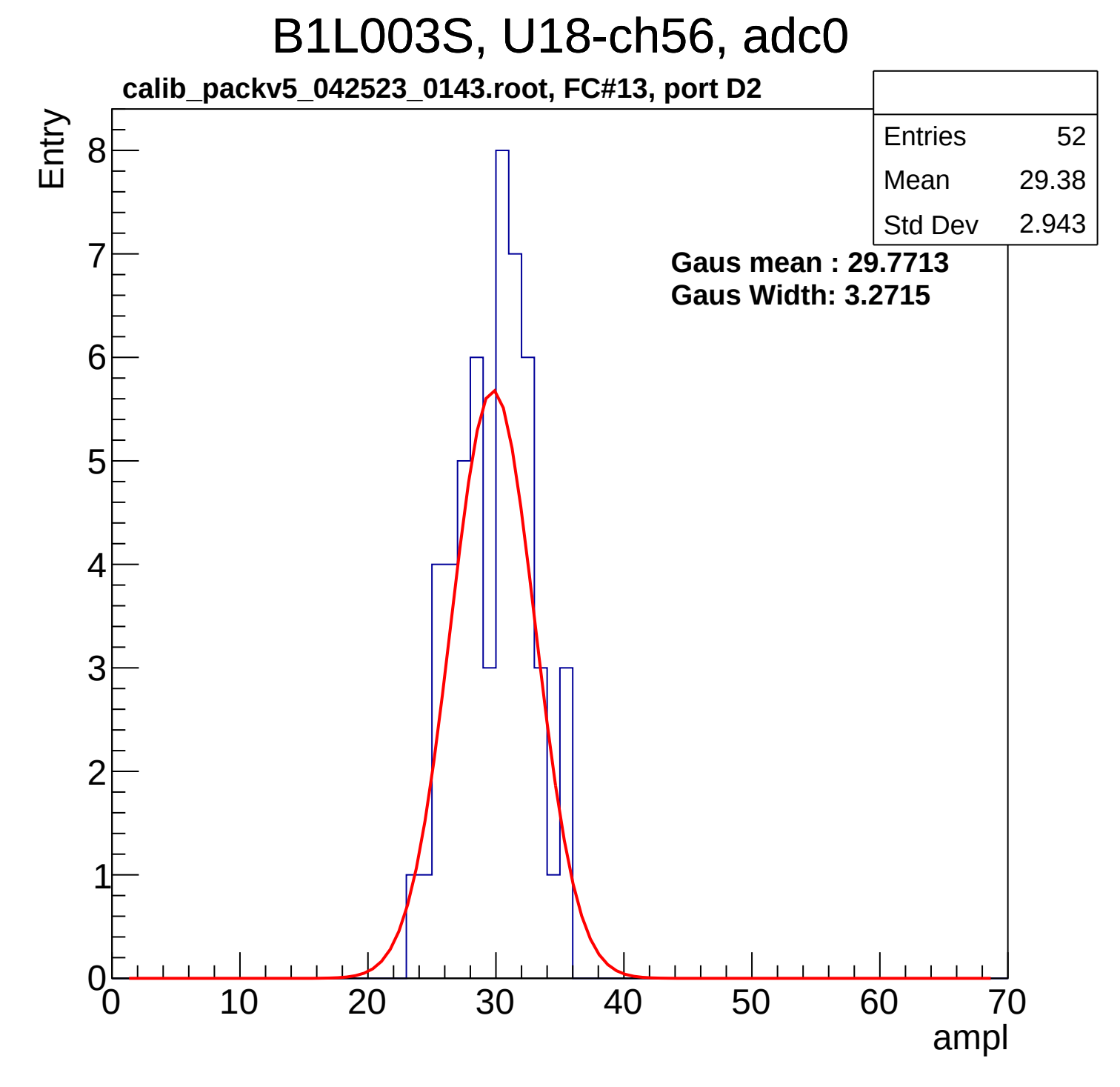

B1L003S, U18-ch55, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 48.74
Std Dev 3.445
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

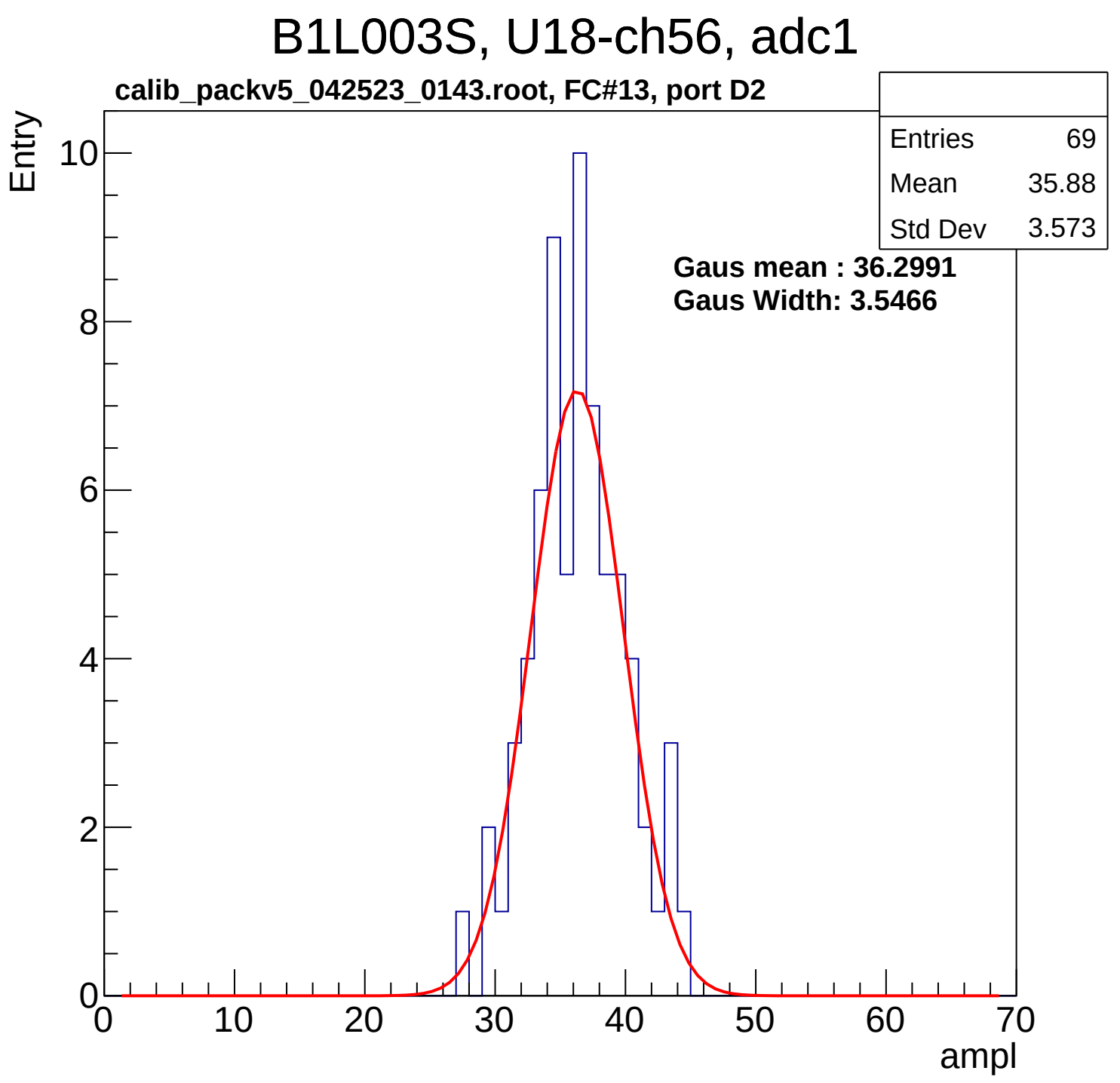

B1L003S, U18-ch55, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 54.15
Std Dev 3.213
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

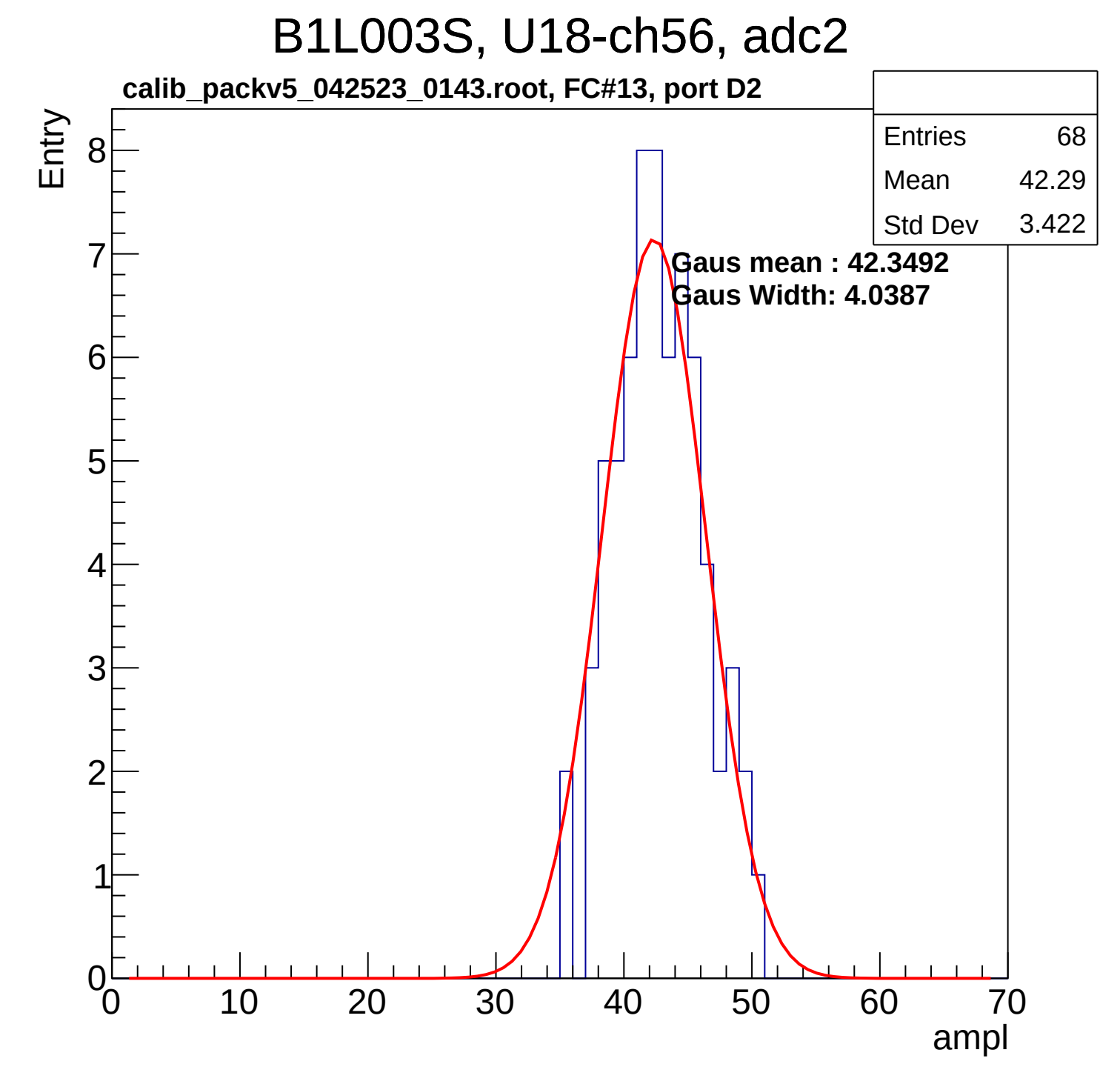

B1L003S, U18-ch55, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 59.52
Std Dev 2.507
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

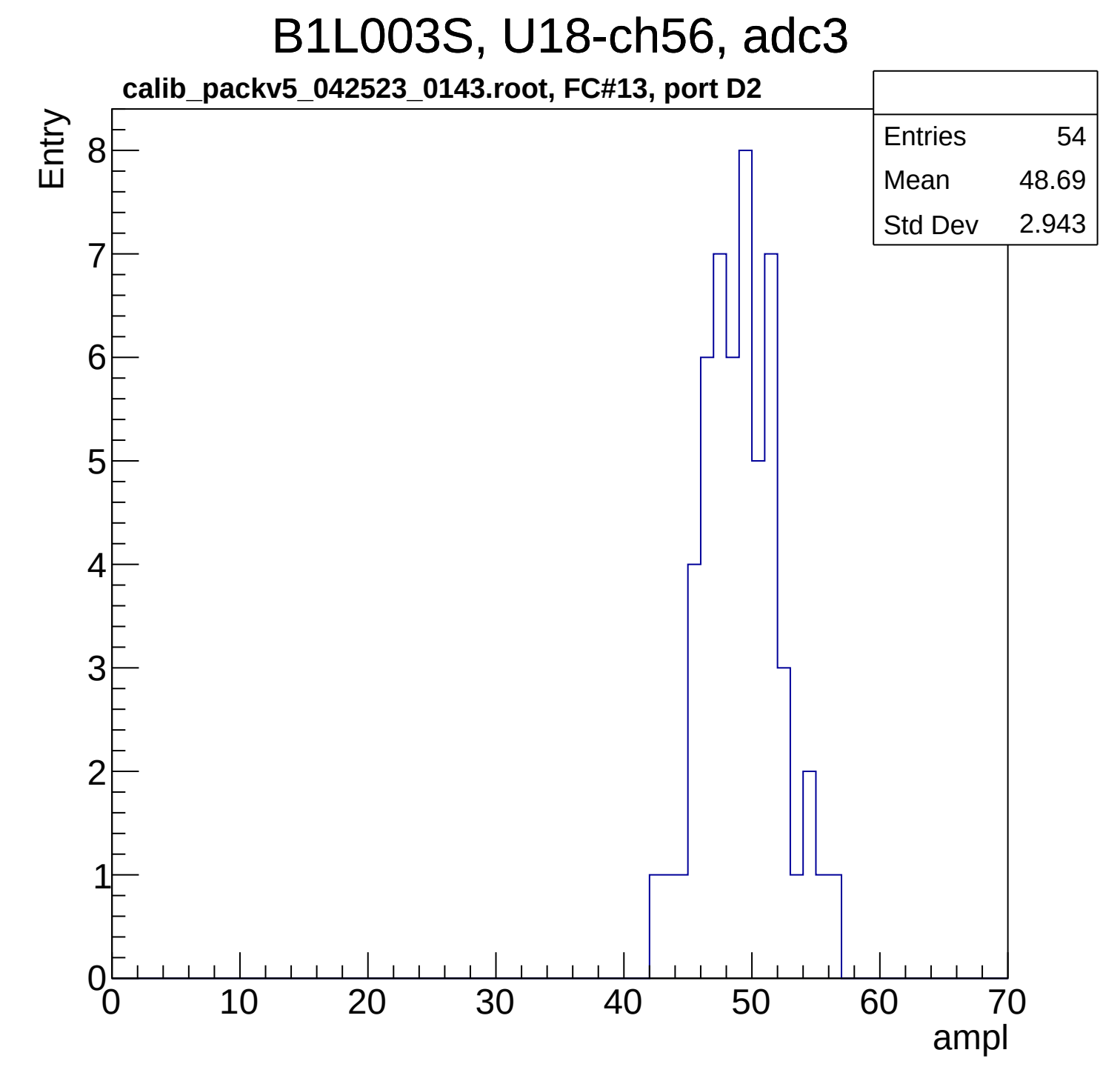

B1L003S, U18-ch55, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 52.86
Std Dev 21.59
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

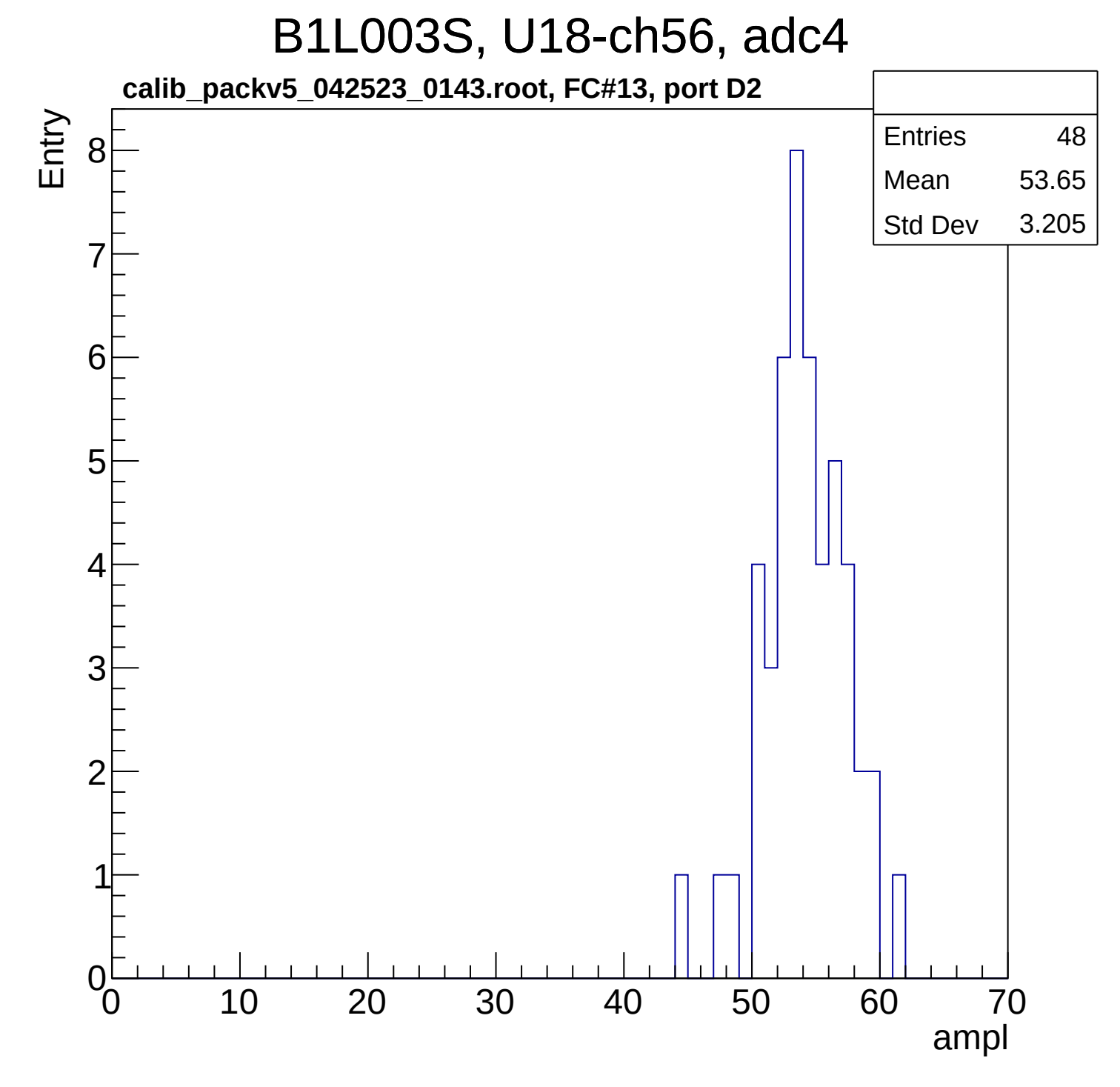

B1L003S, U18-ch55, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

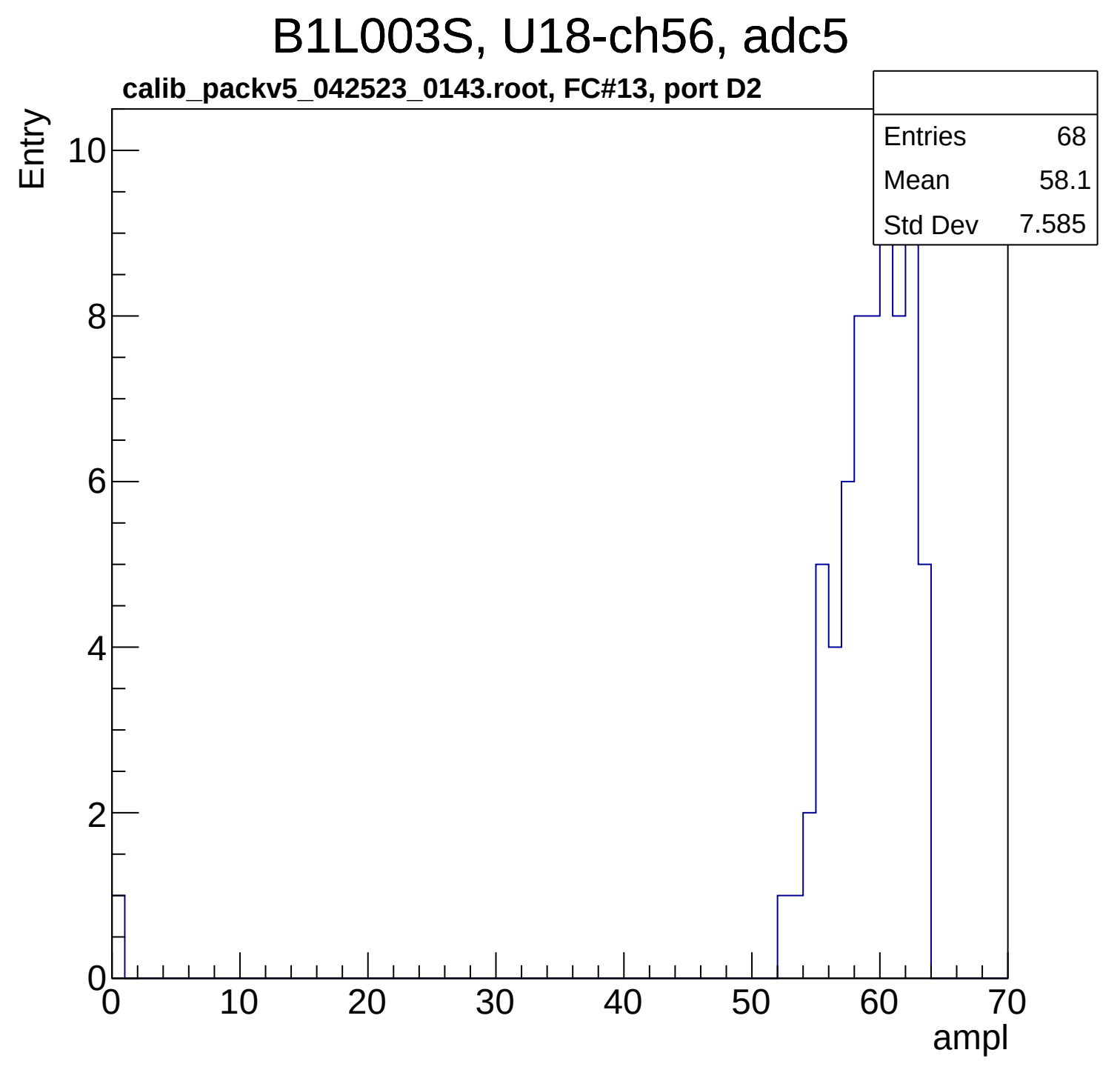

B1L003S, U18-ch56, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 29.38
Std Dev 2.943
Gaus mean : 29.7713
Gaus Width: 3.2715
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

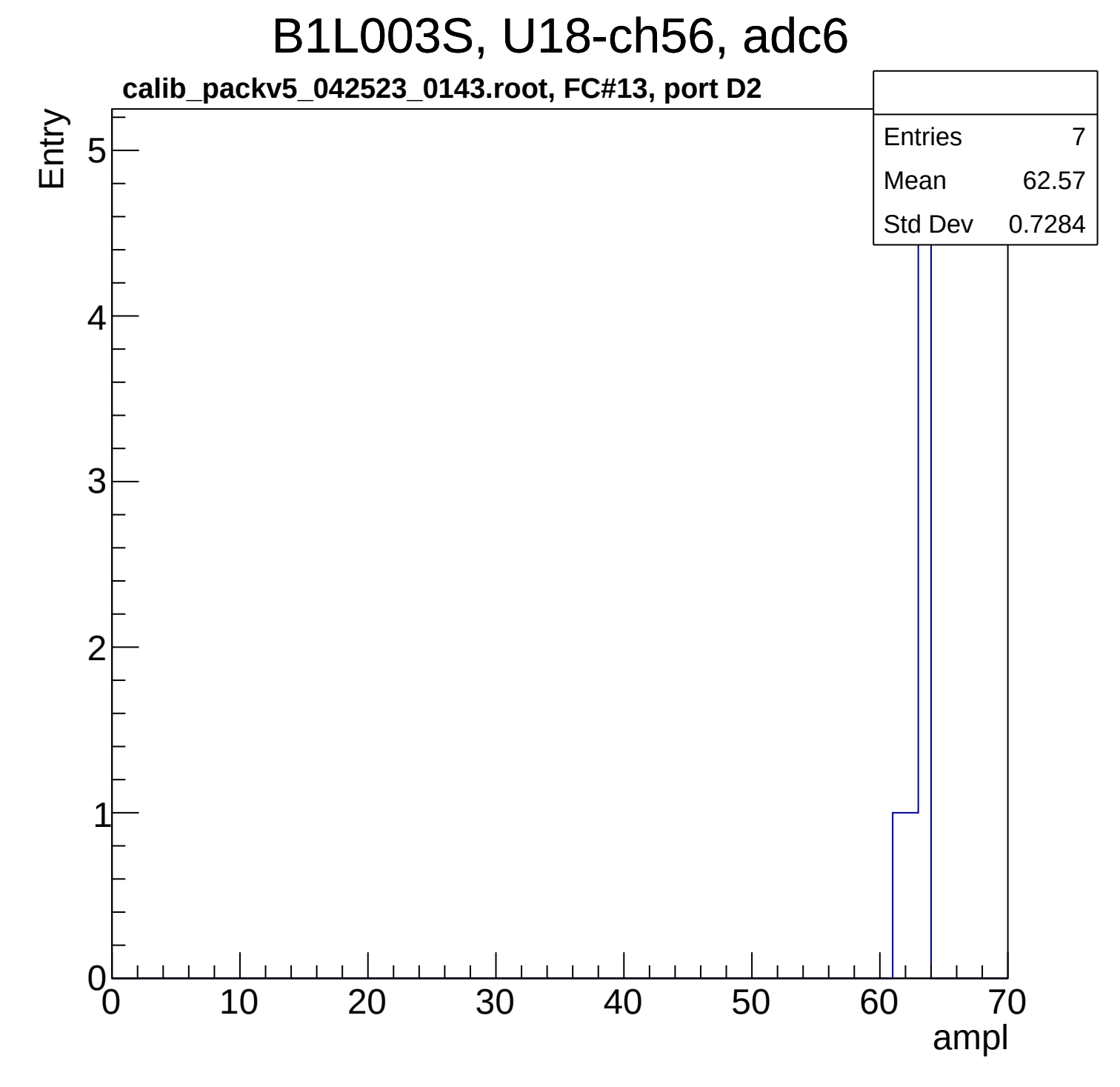

B1L003S, U18-ch56, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 35.88
Std Dev 3.573
Gaus mean : 36.2991
Gaus Width: 3.5466
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

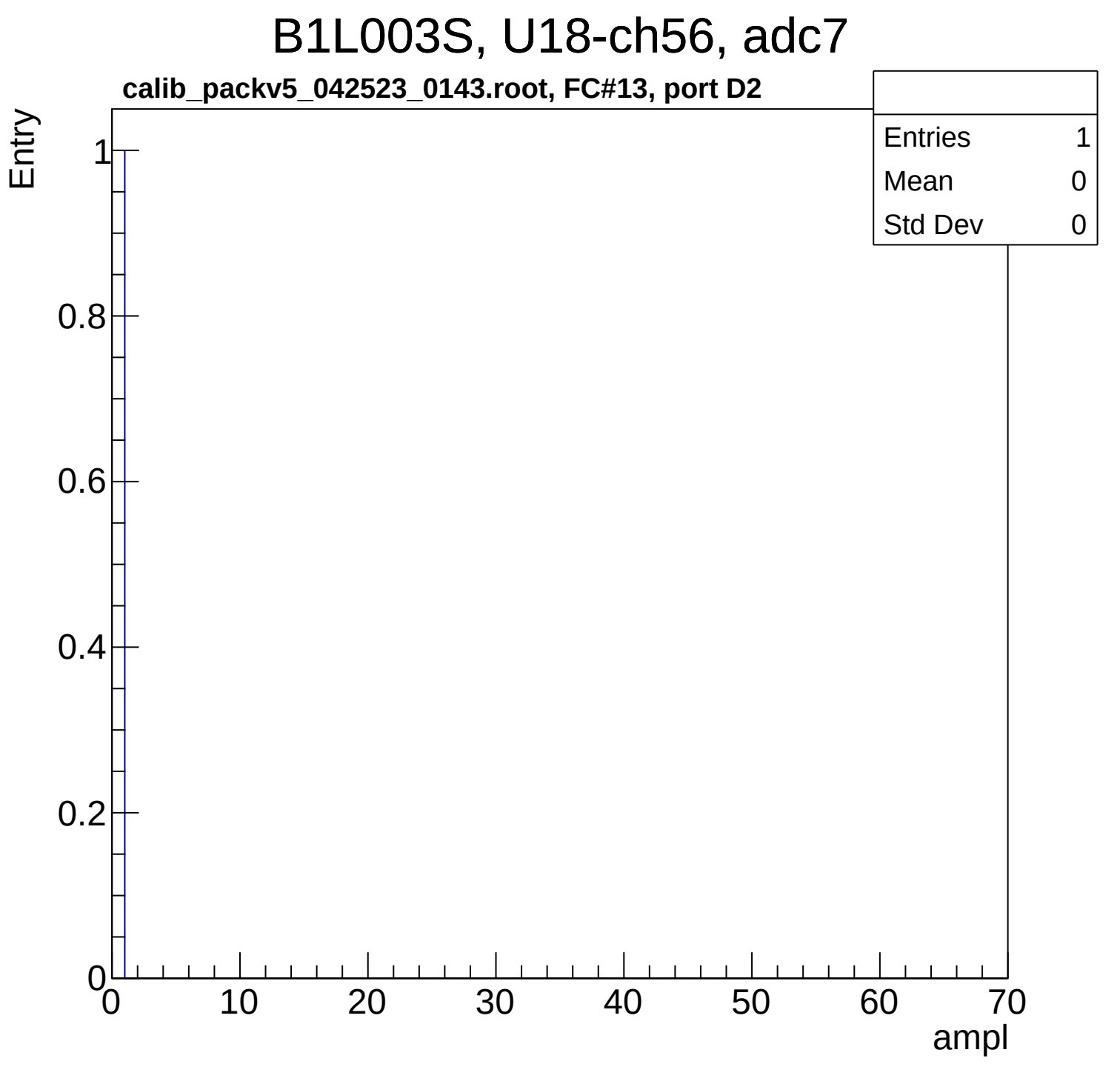

B1L003S, U18-ch56, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 42.29
Std Dev 3.422
Gaus mean : 42.3492
Gaus Width: 4.0387
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

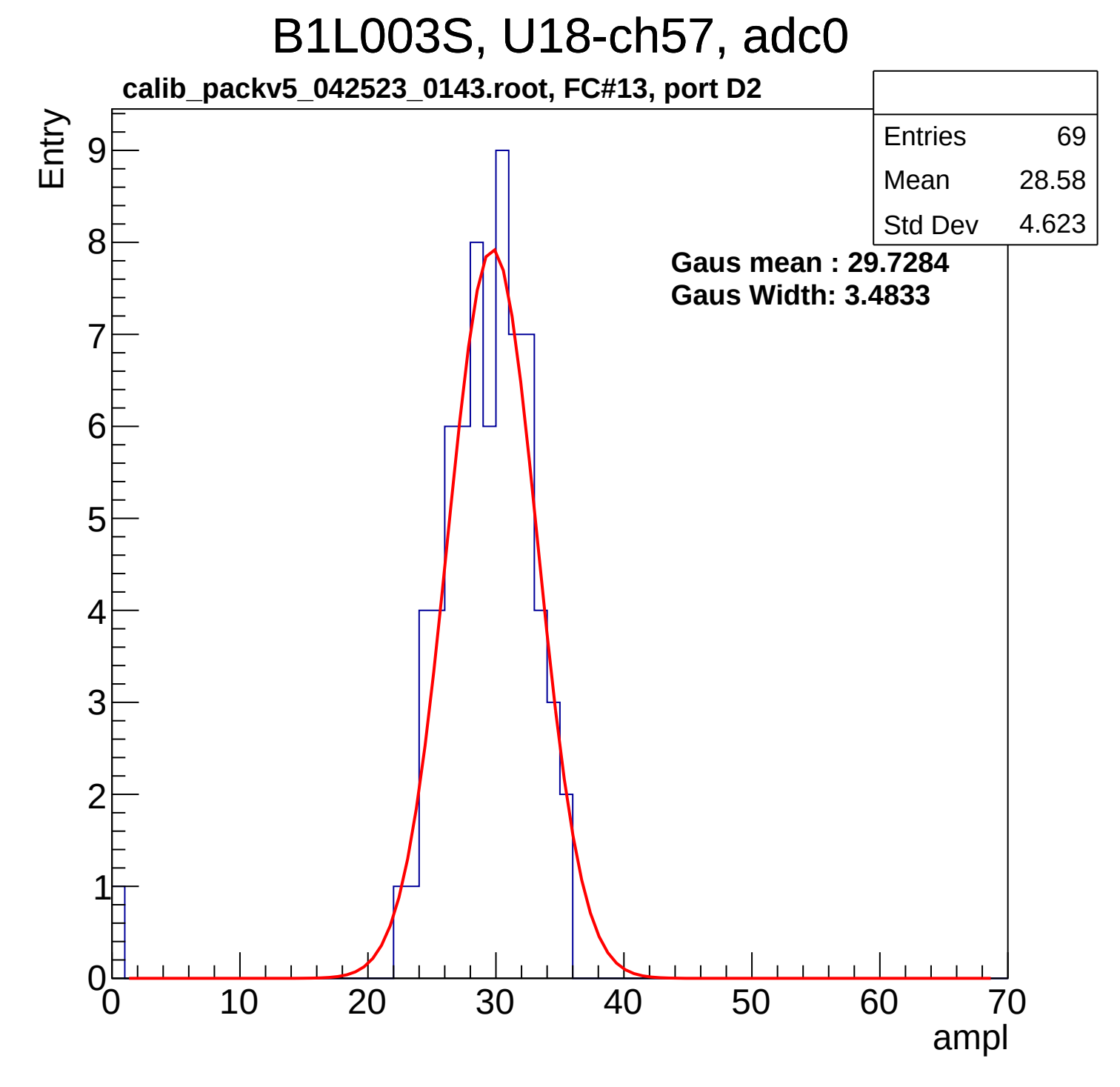

B1L003S, U18-ch56, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 48.69
Std Dev 2.943
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

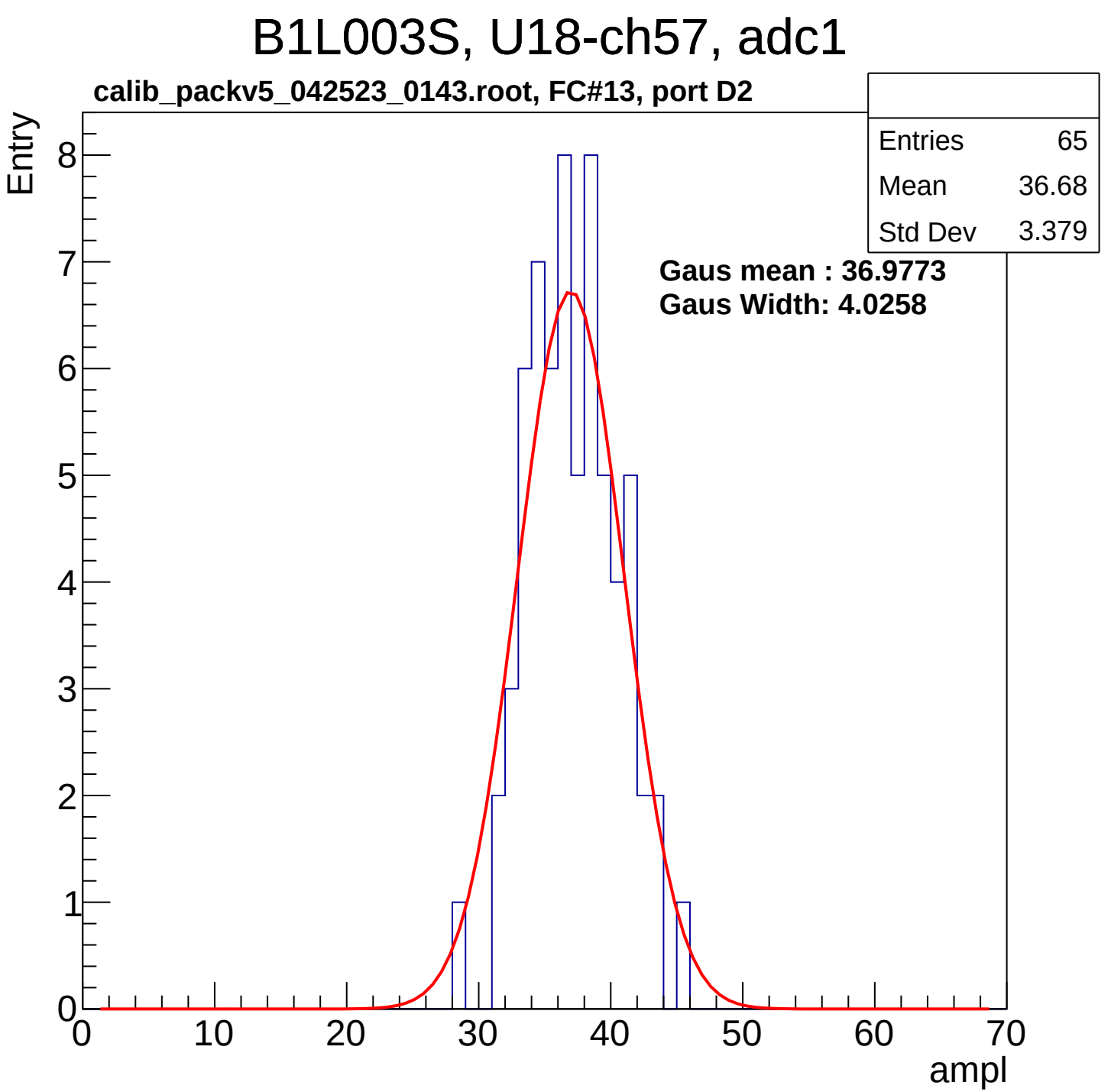

B1L003S, U18-ch56, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 53.65
Std Dev 3.205
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

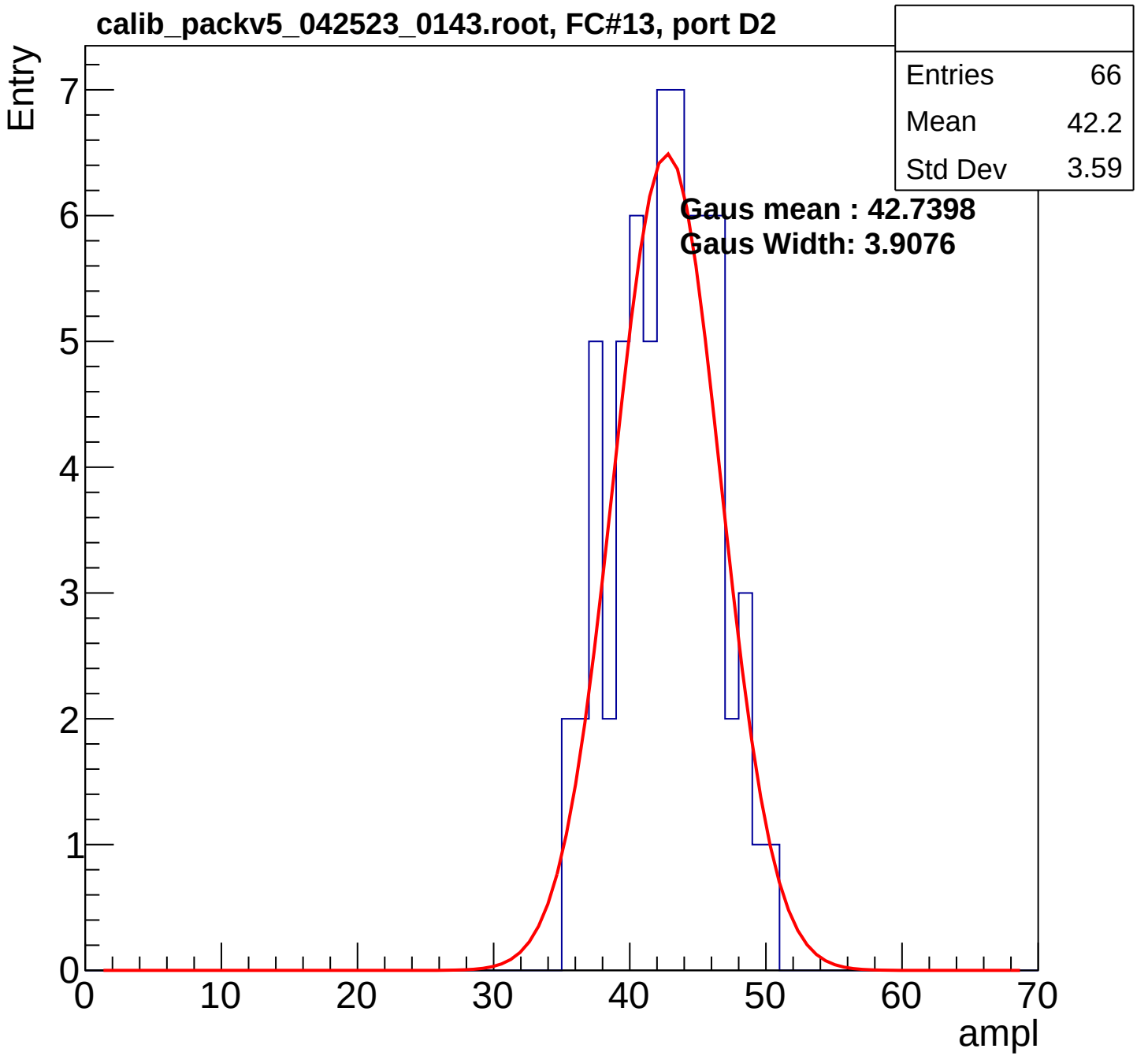

B1L003S, U18-ch56, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 58.1
Std Dev 7.585
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

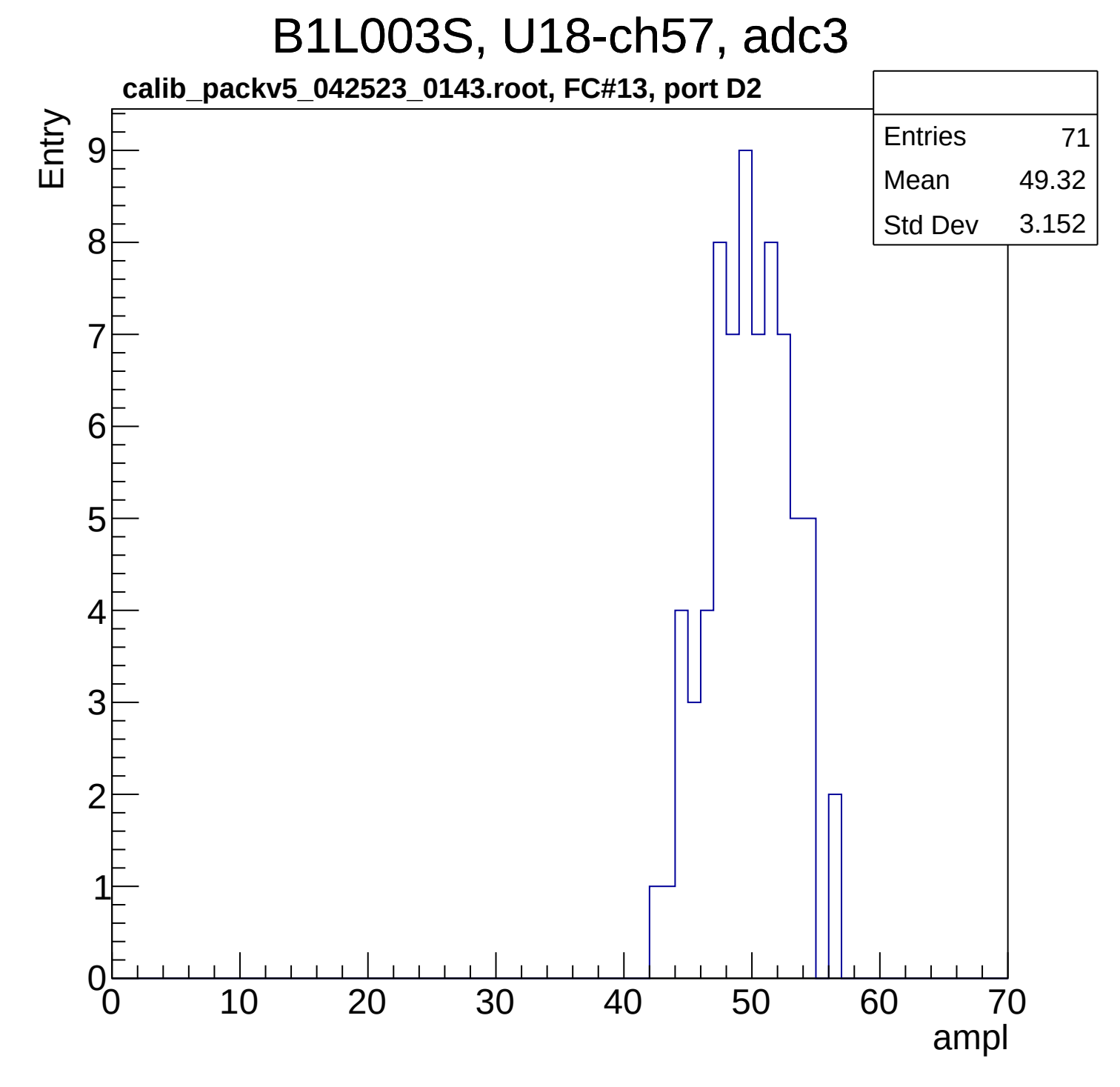

B1L003S, U18-ch56, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 62.57
Std Dev 0.7284
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

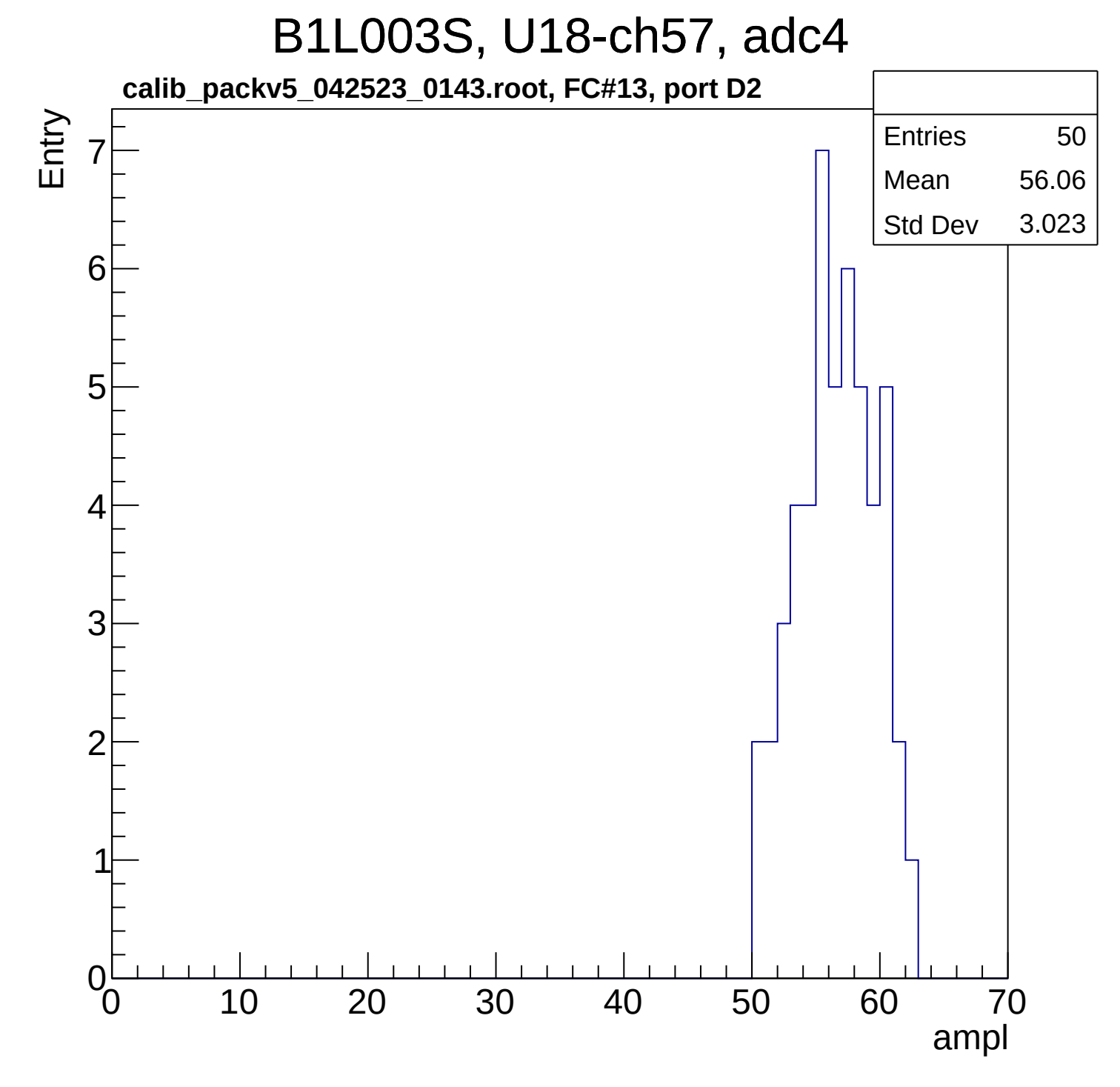

B1L003S, U18-ch56, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

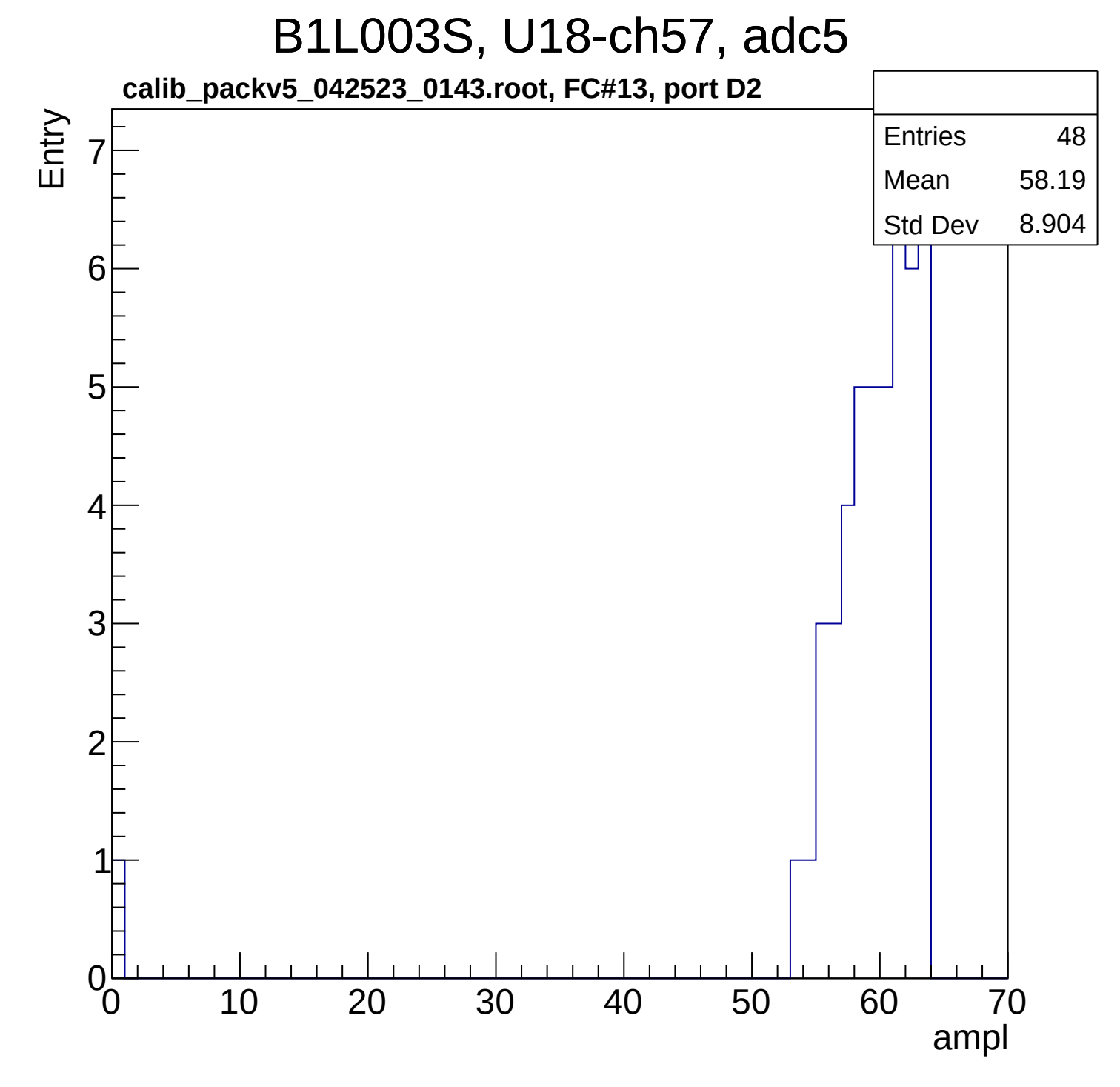

B1L003S, U18-ch57, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 28.58
Std Dev 4.623
Gaus mean : 29.7284
Gaus Width: 3.4833
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

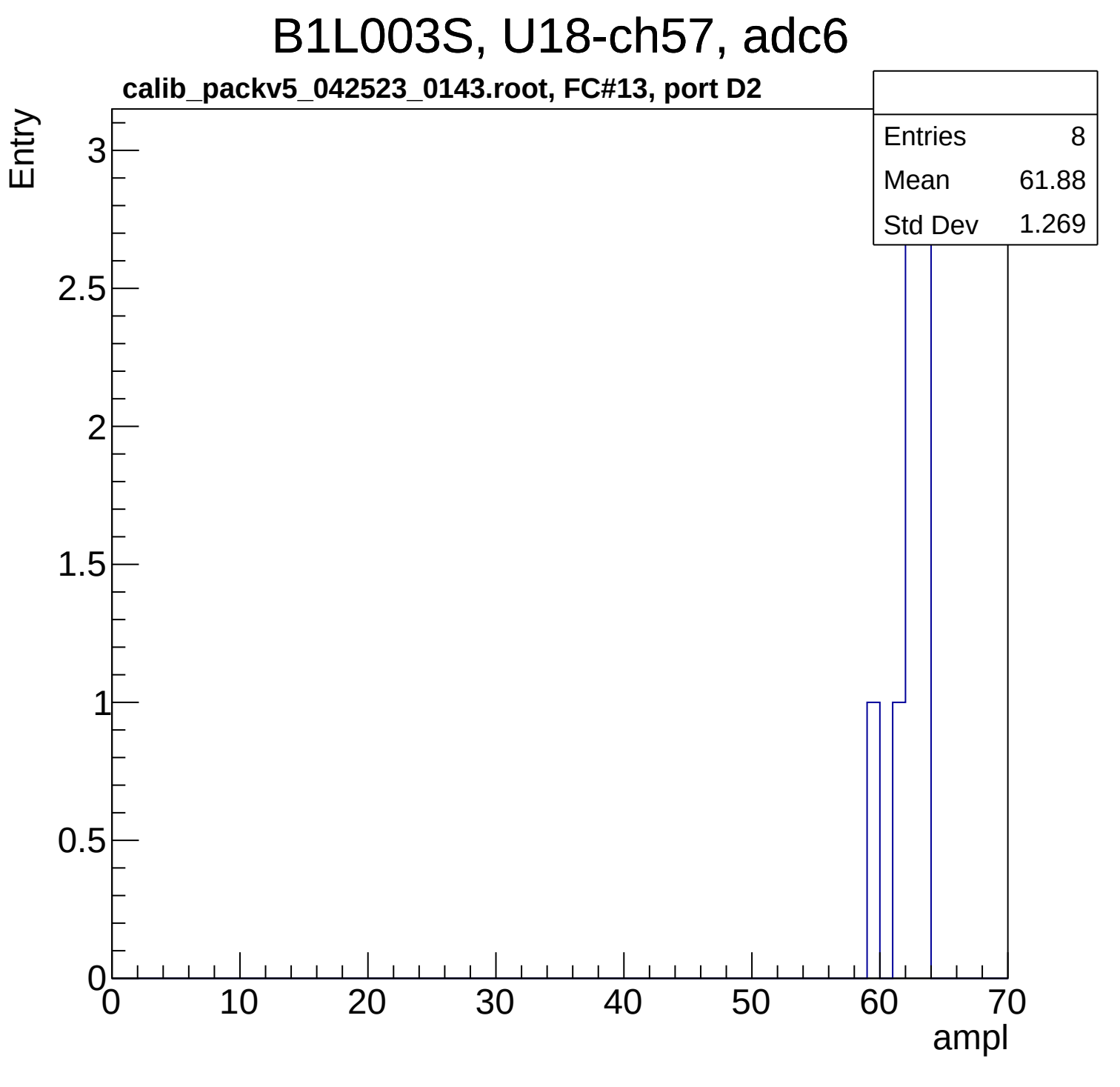

B1L003S, U18-ch57, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 36.68
Std Dev 3.379
Gaus mean : 36.9773
Gaus Width: 4.0258
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

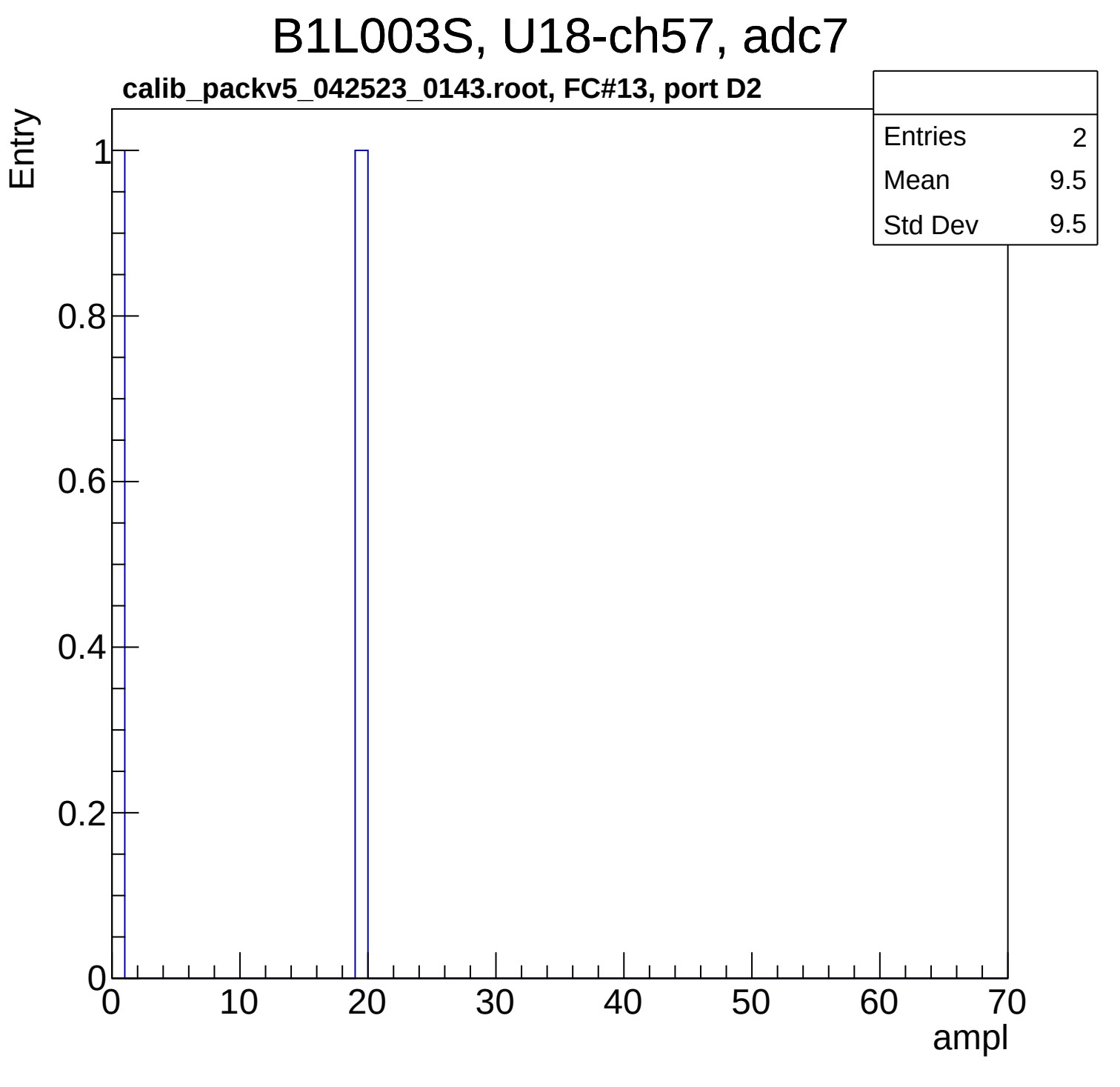

B1L003S, U18-ch57, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 42.2
Std Dev 3.59
Gaus mean : 42.7398
Gaus Width: 3.9076
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

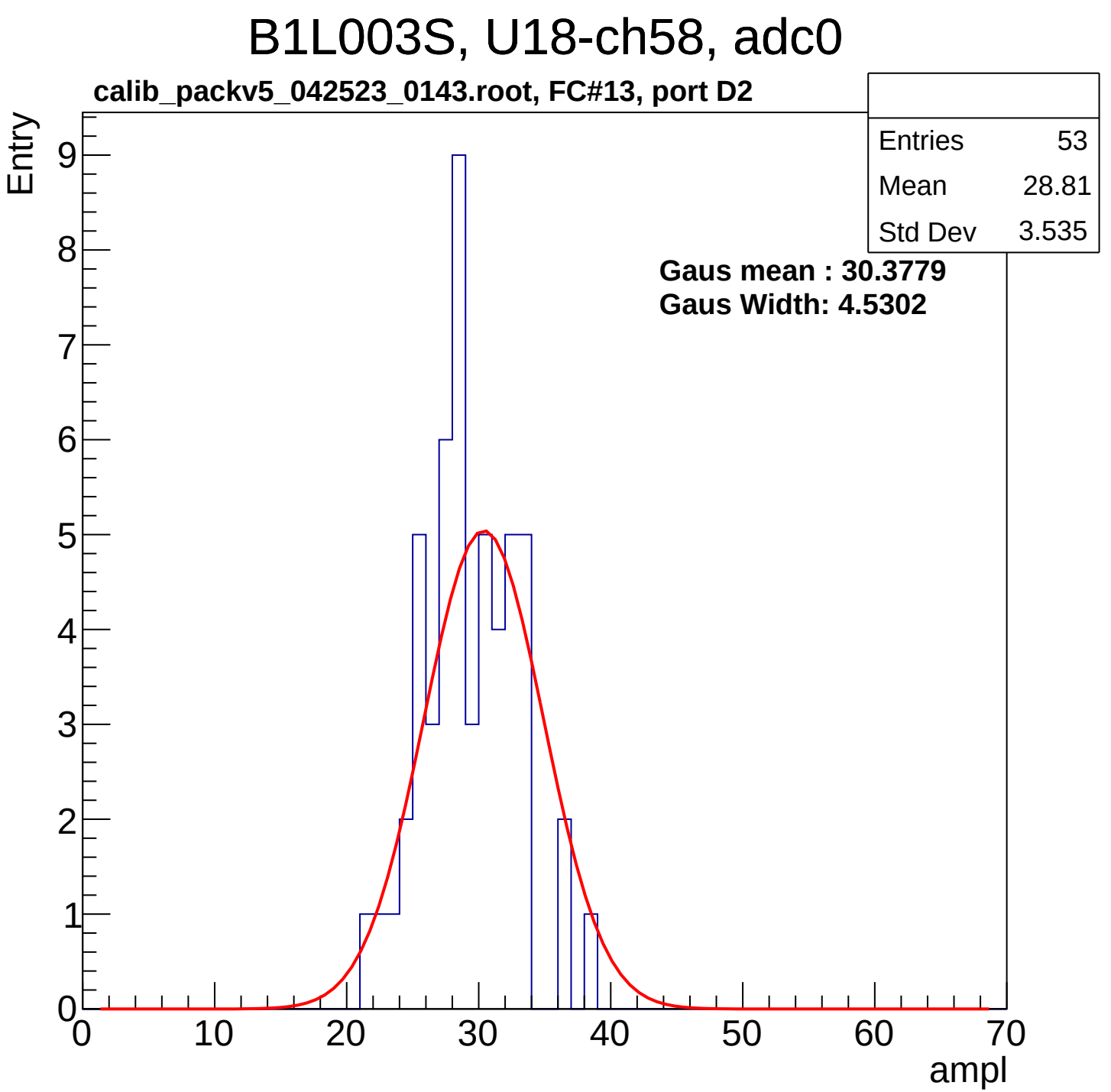

B1L003S, U18-ch57, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 49.32
Std Dev 3.152
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

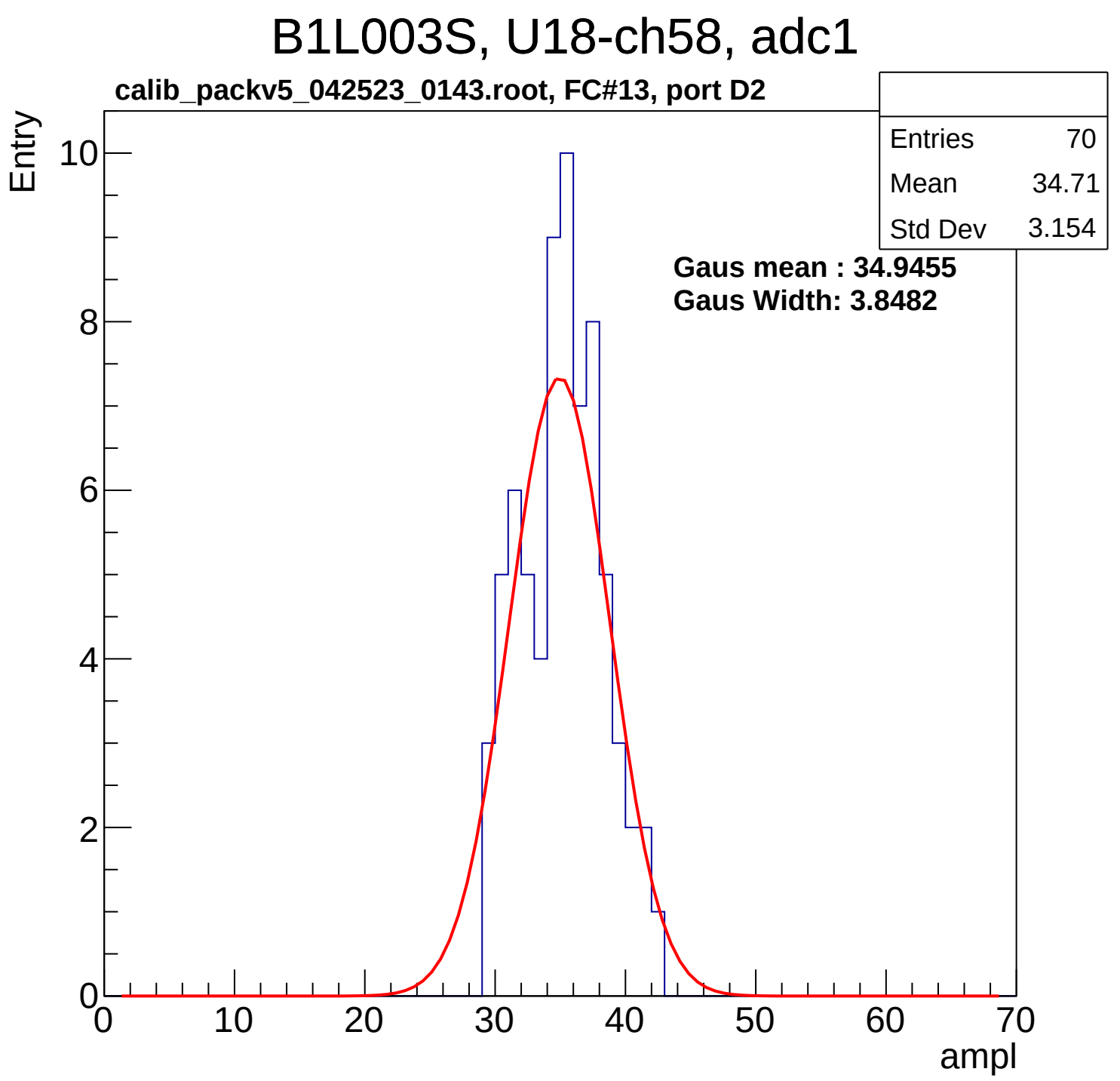

B1L003S, U18-ch57, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 56.06
Std Dev 3.023
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

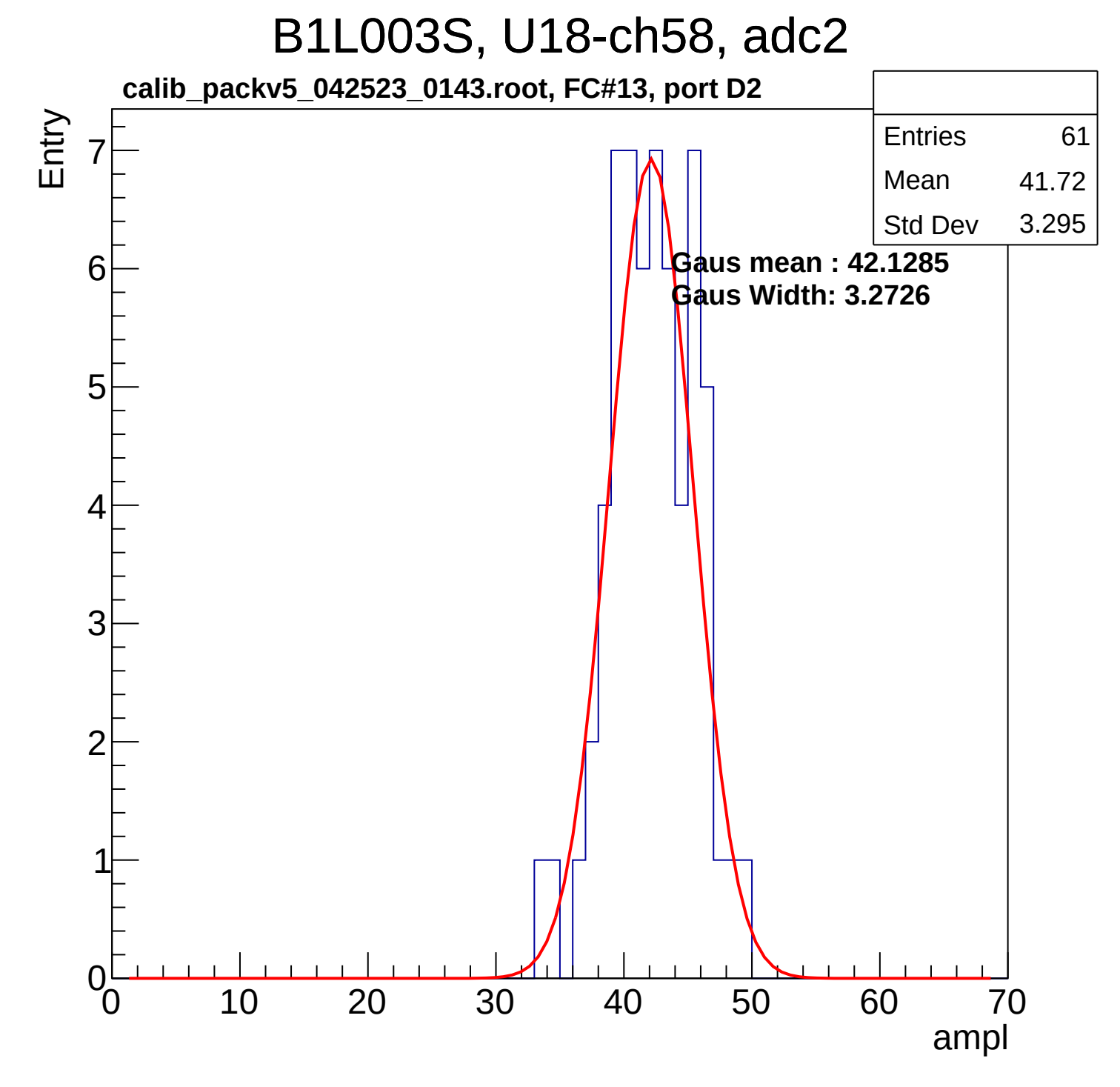

B1L003S, U18-ch57, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 58.19
Std Dev 8.904
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

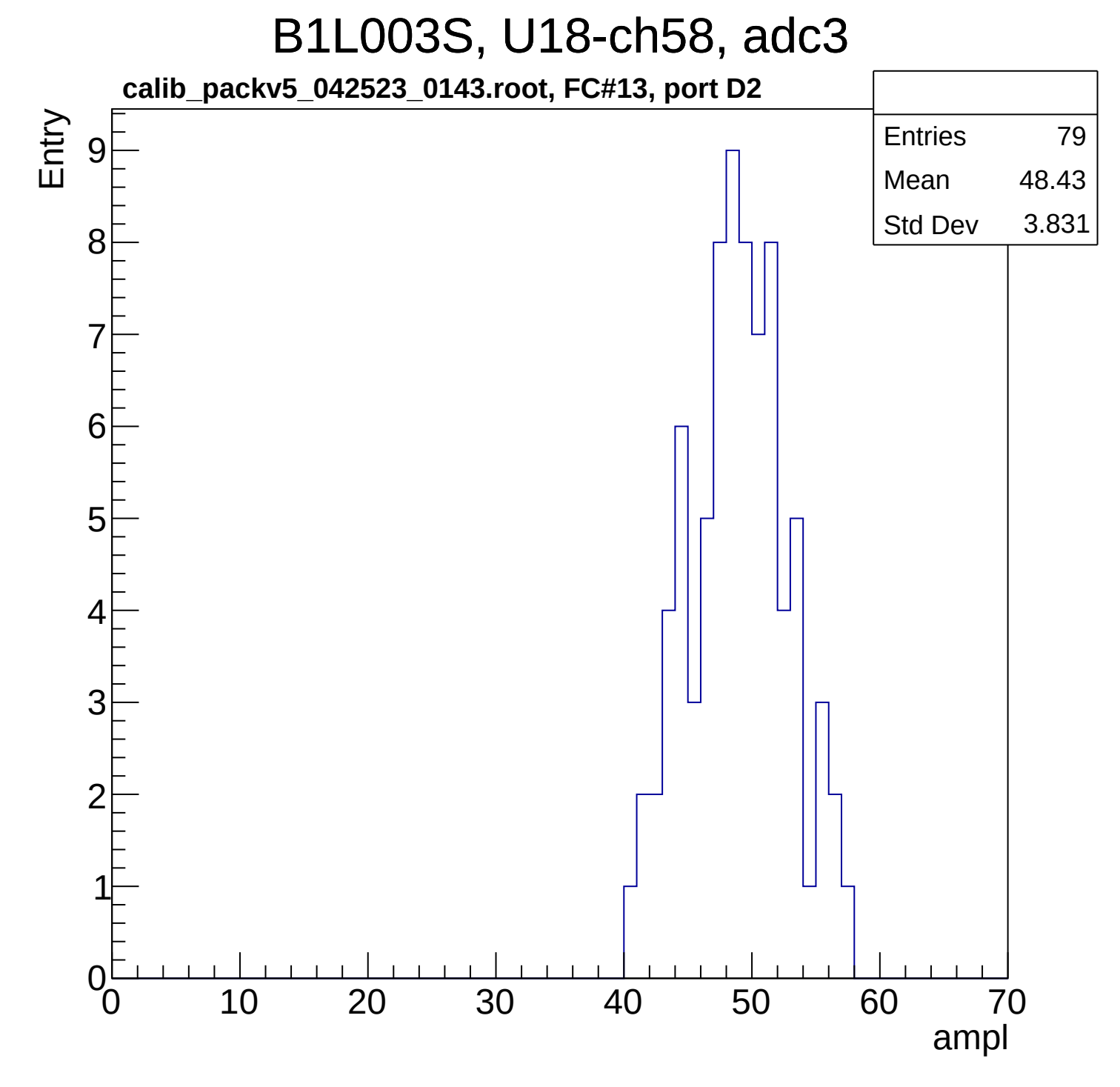

B1L003S, U18-ch57, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 61.88
Std Dev 1.269
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

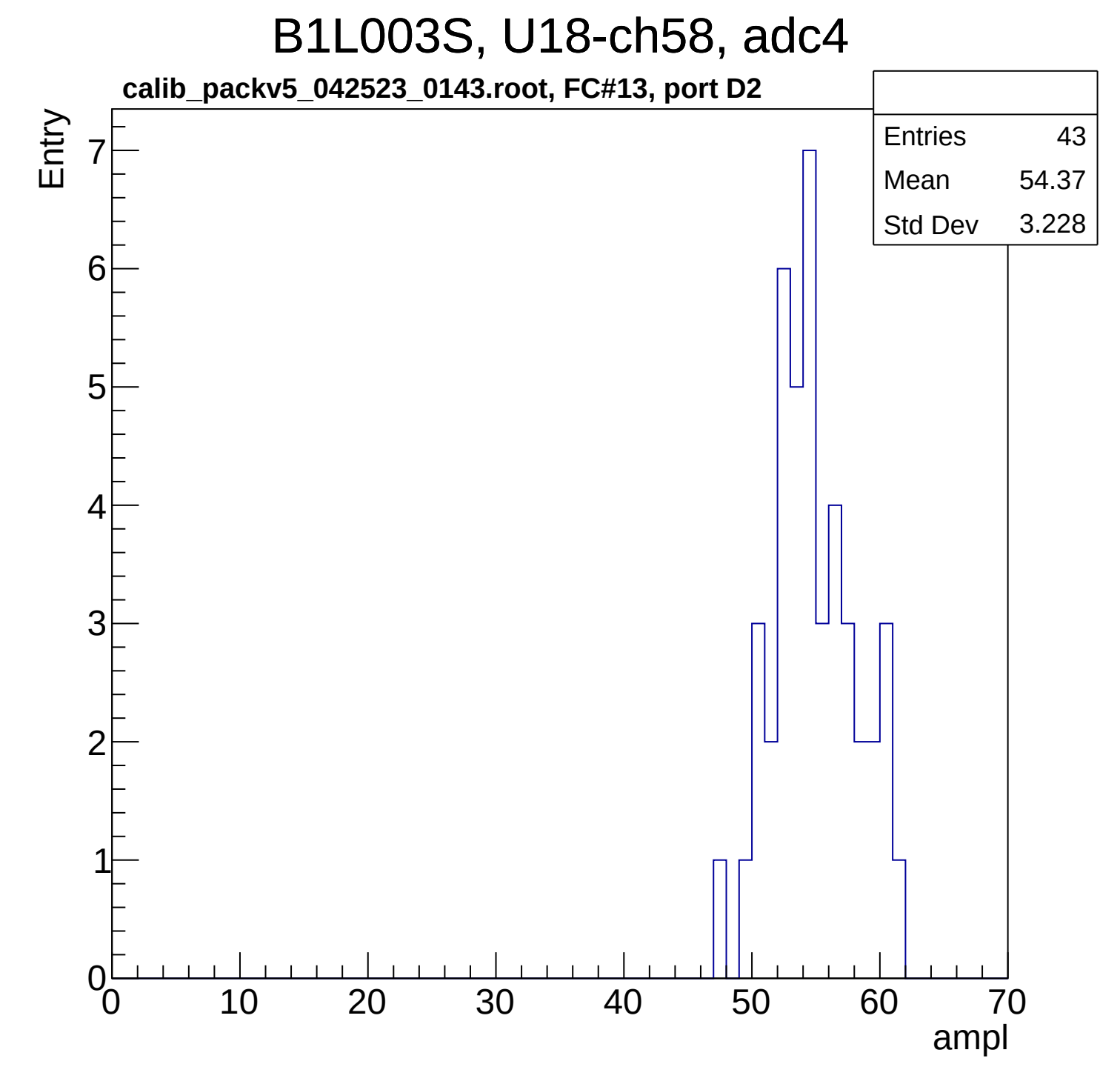

B1L003S, U18-ch57, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

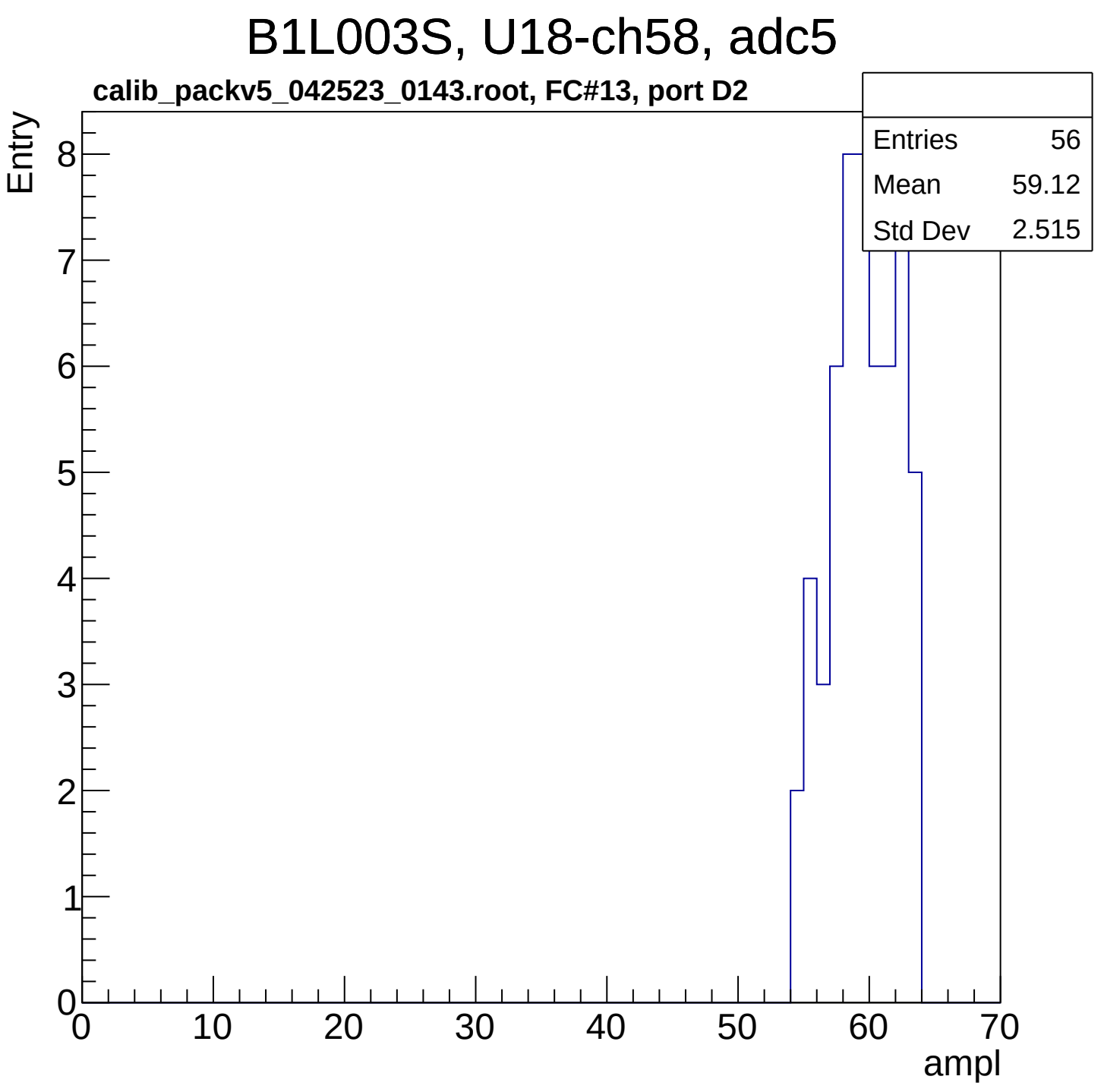

B1L003S, U18-ch58, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 28.81
Std Dev 3.535
Gaus mean : 30.3779
Gaus Width: 4.5302
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

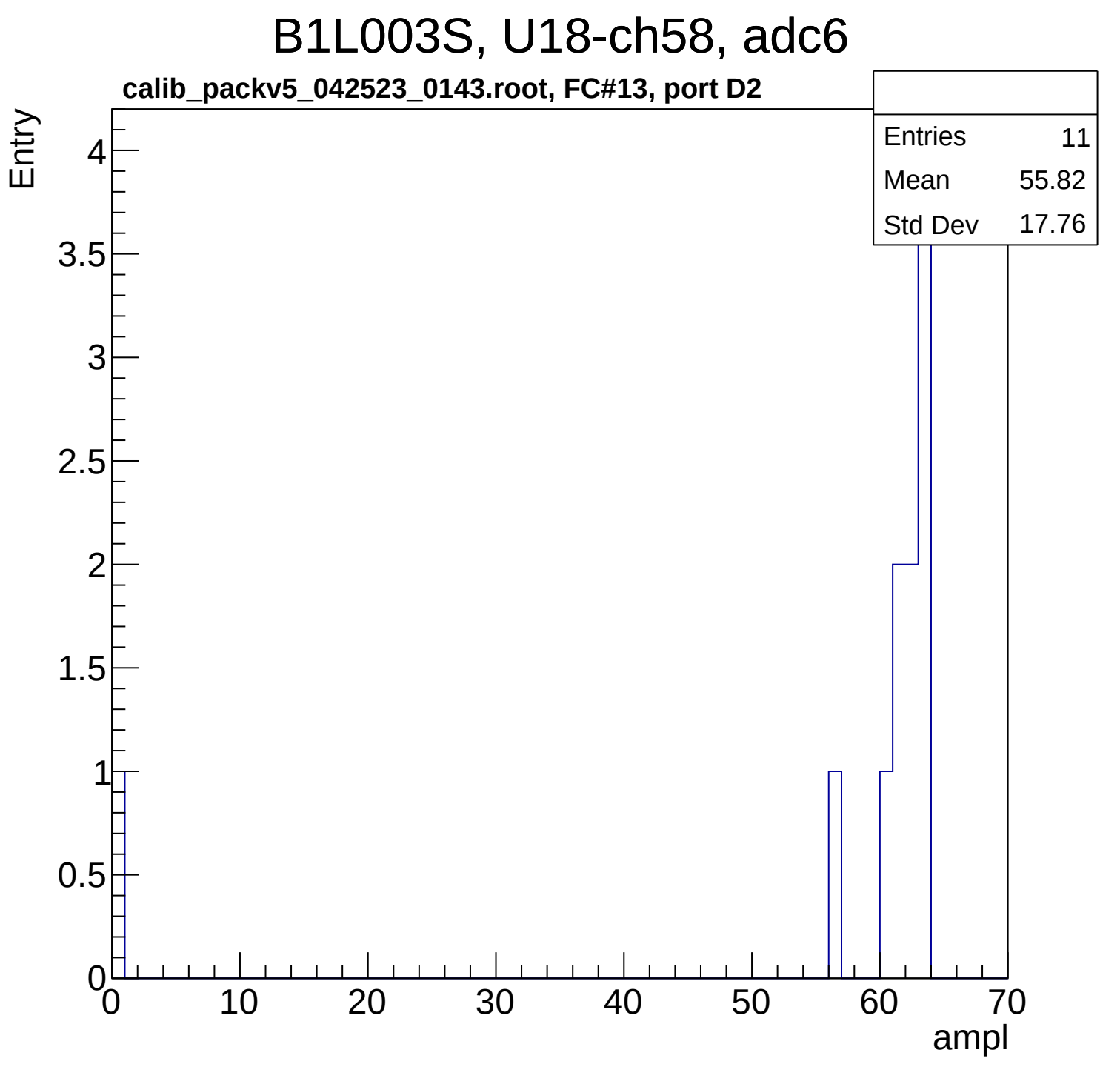

B1L003S, U18-ch58, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 34.71
Std Dev 3.154
Gaus mean : 34.9455
Gaus Width: 3.8482
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

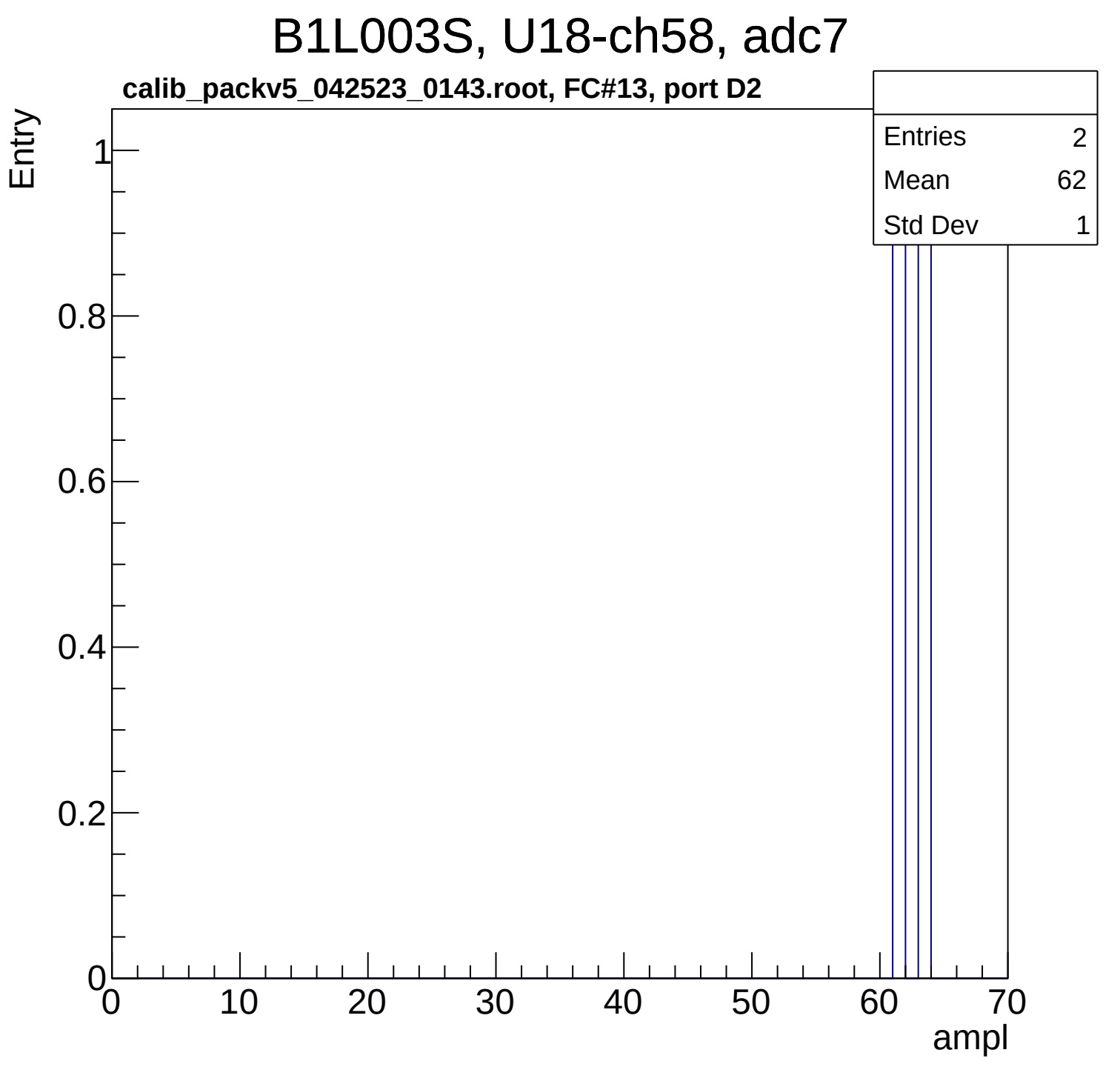

B1L003S, U18-ch58, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 41.72
Std Dev 3.295
Gaus mean : 42.1285
Gaus Width: 3.2726
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

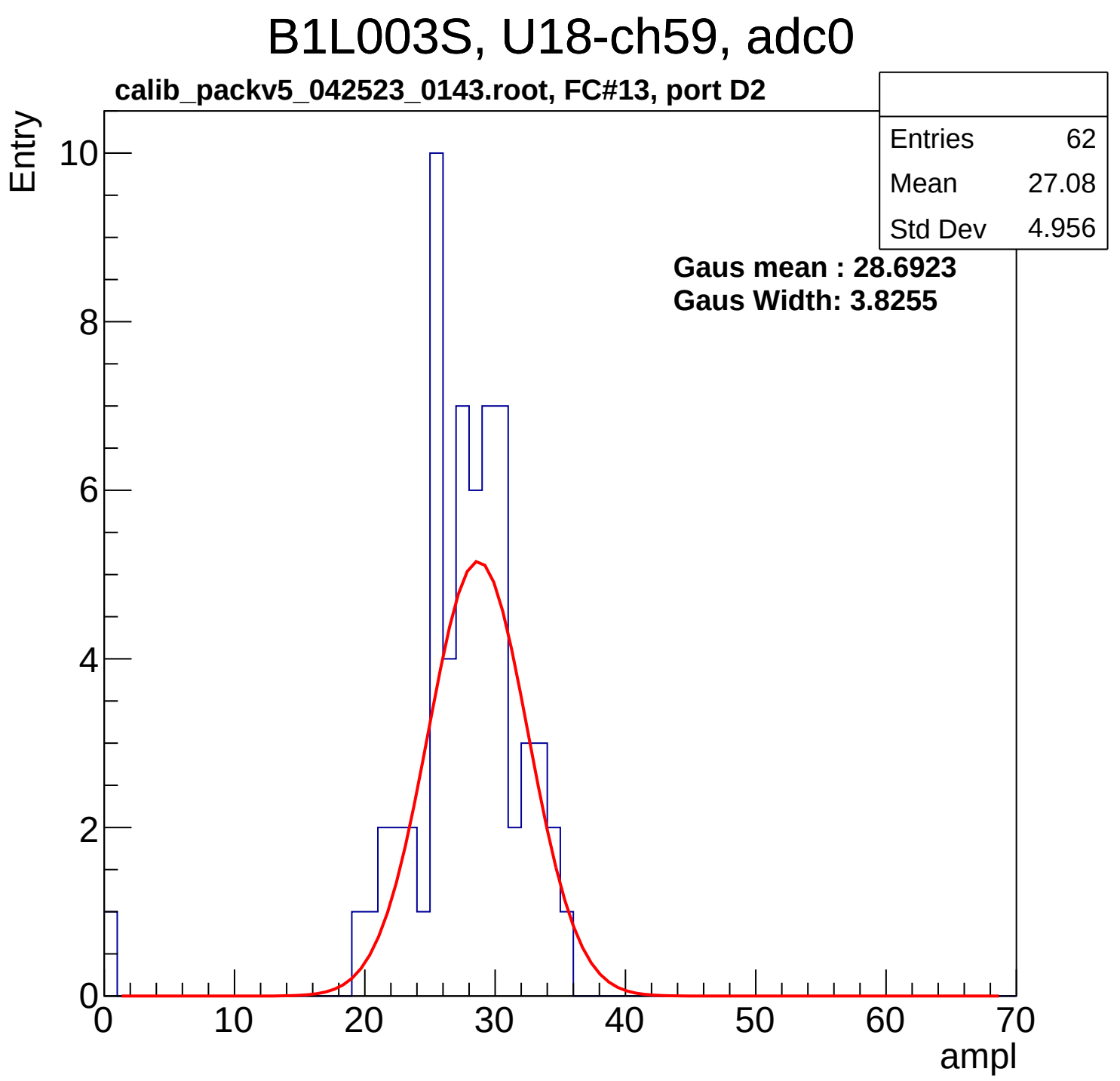

B1L003S, U18-ch58, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 48.43
Std Dev 3.831
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

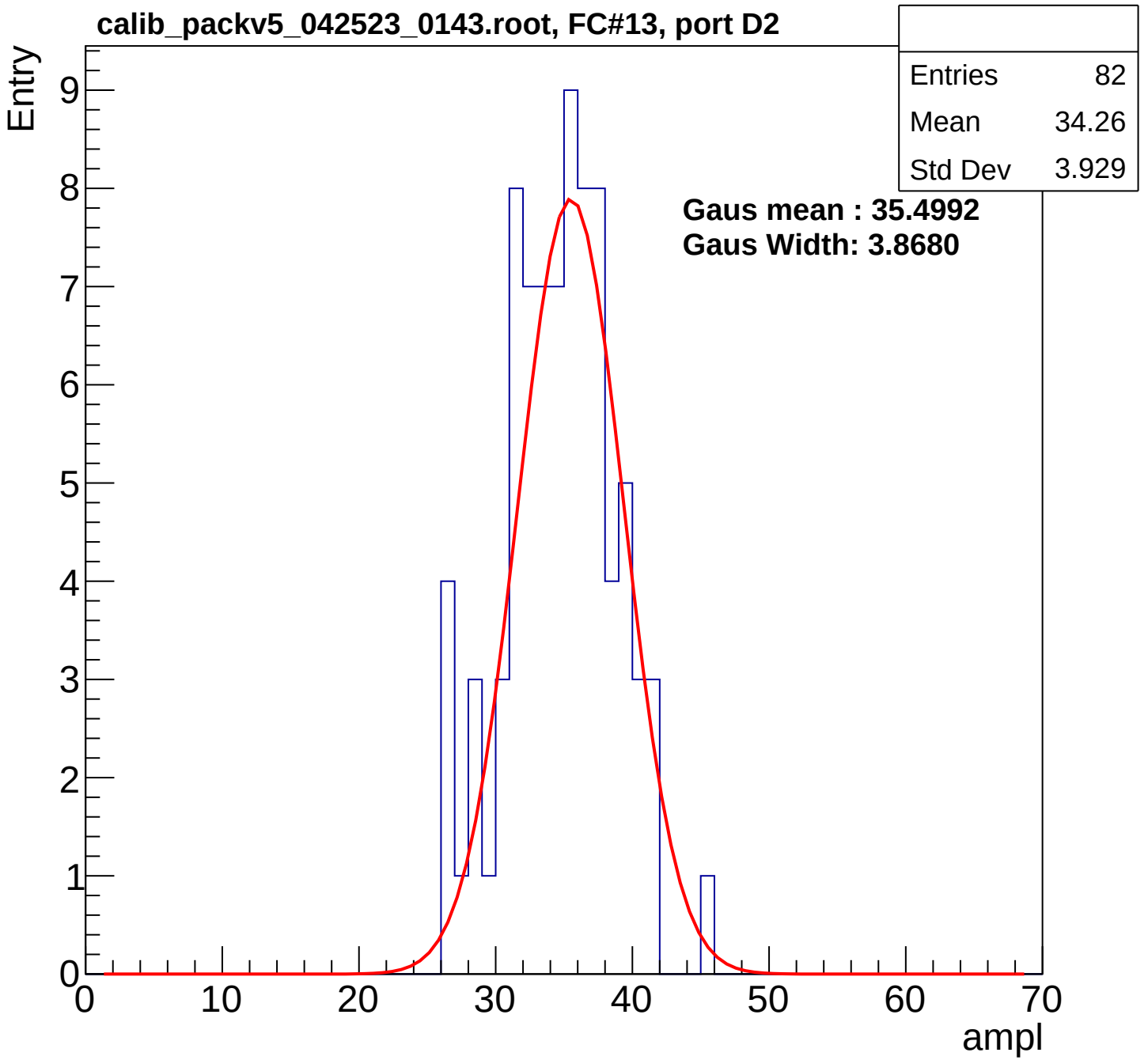

B1L003S, U18-ch58, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 54.37
Std Dev 3.228
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

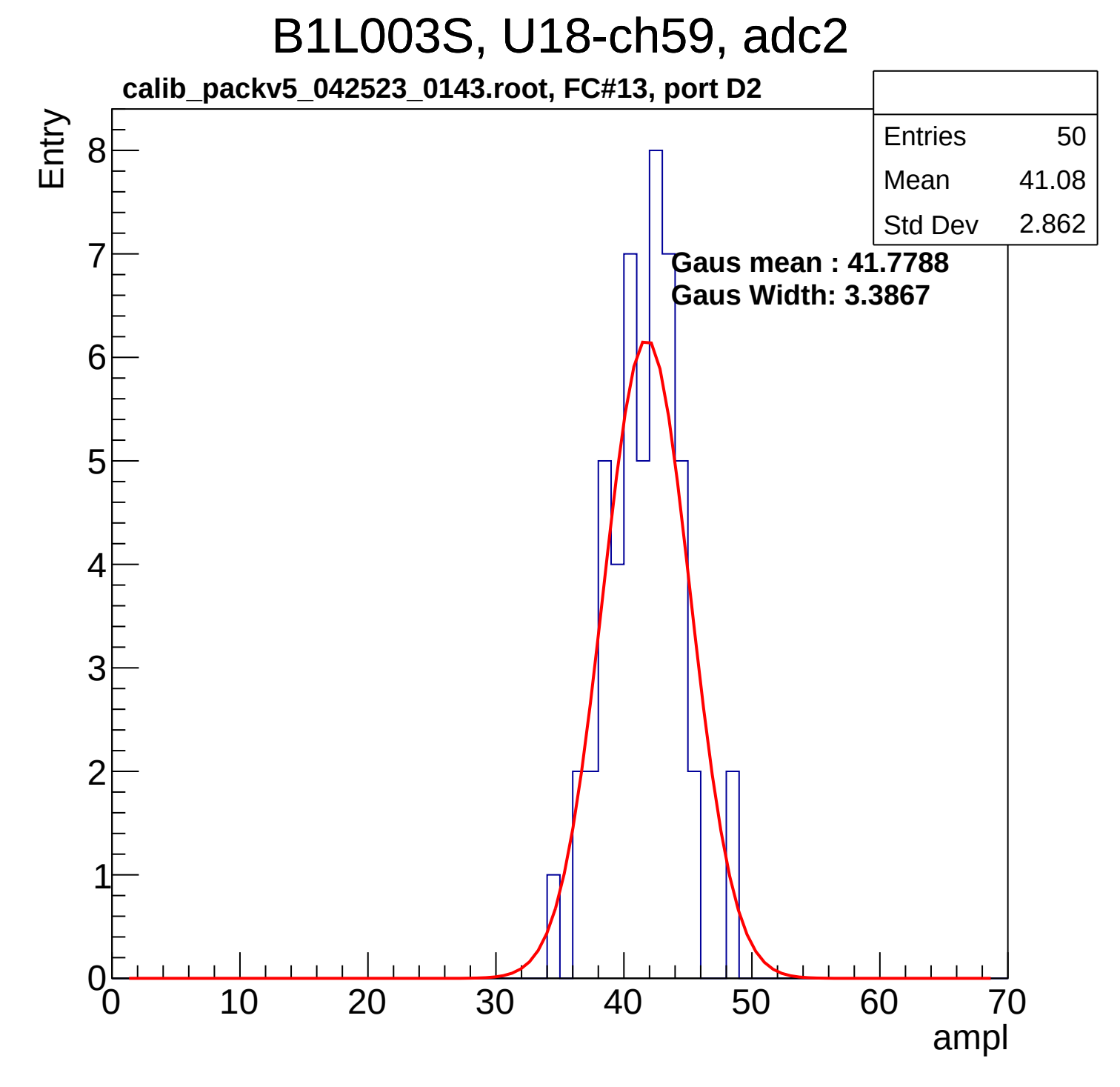

B1L003S, U18-ch58, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 59.12
Std Dev 2.515
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

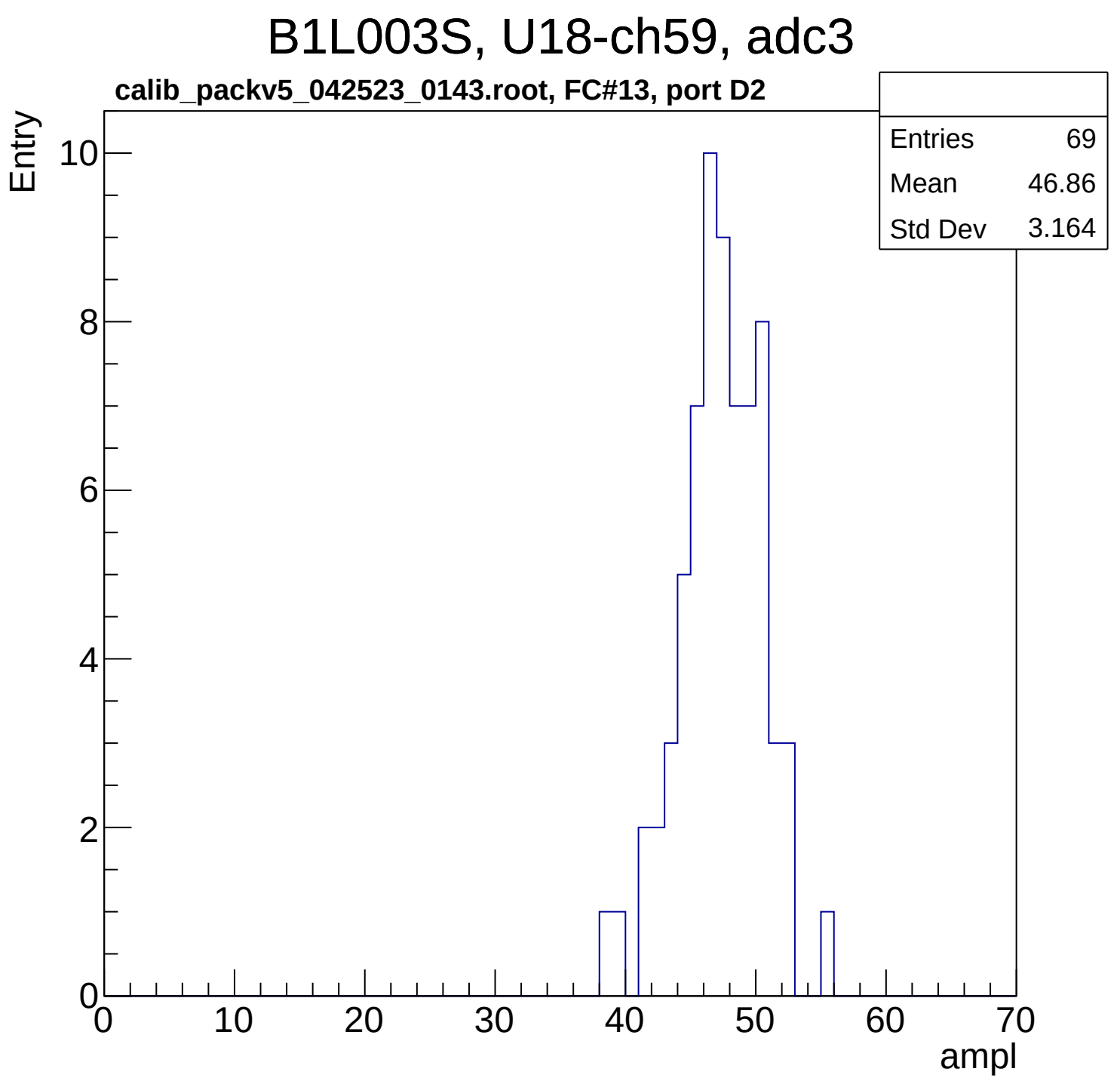

B1L003S, U18-ch58, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 55.82
Std Dev 17.76
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

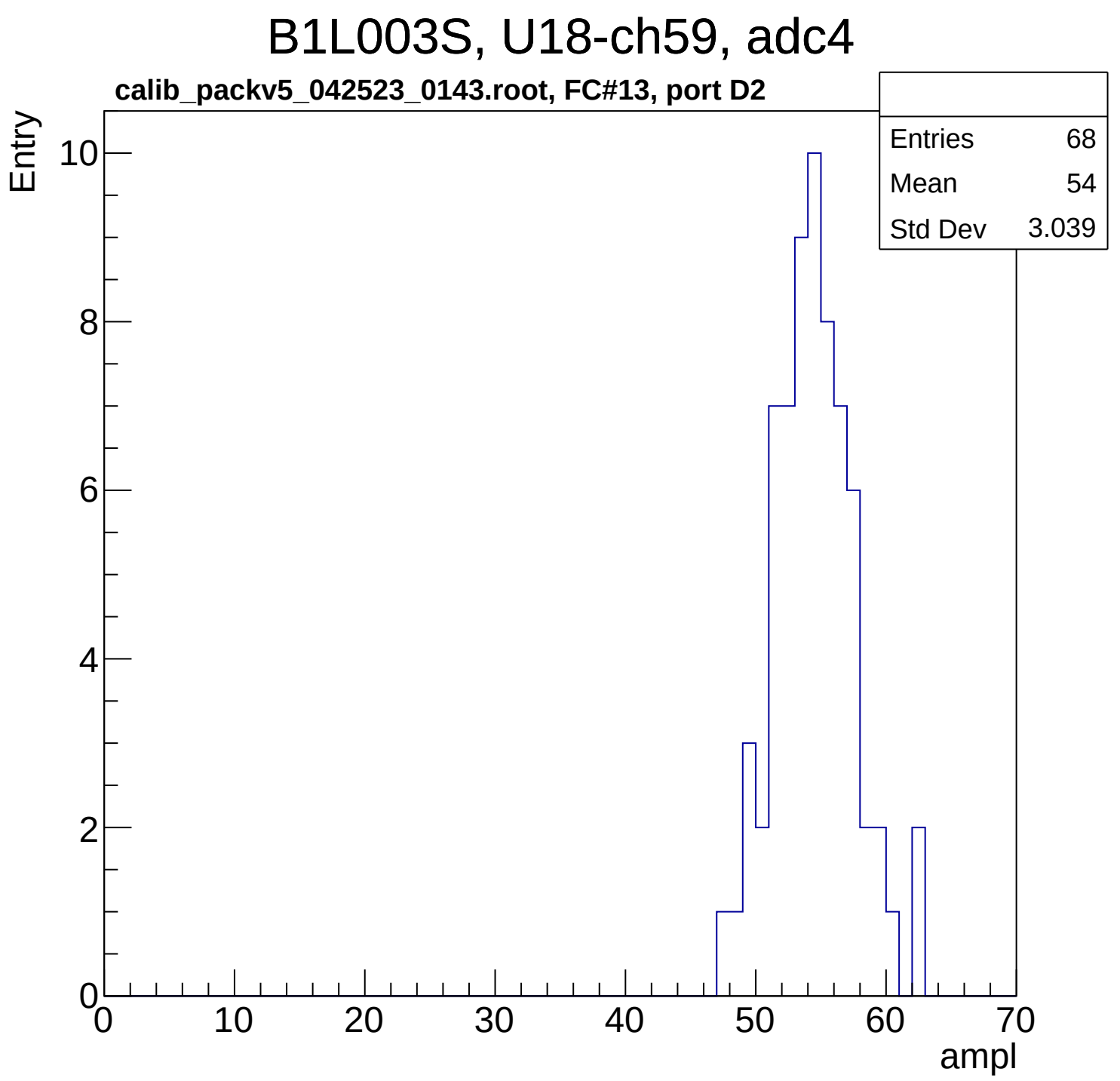

B1L003S, U18-ch58, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

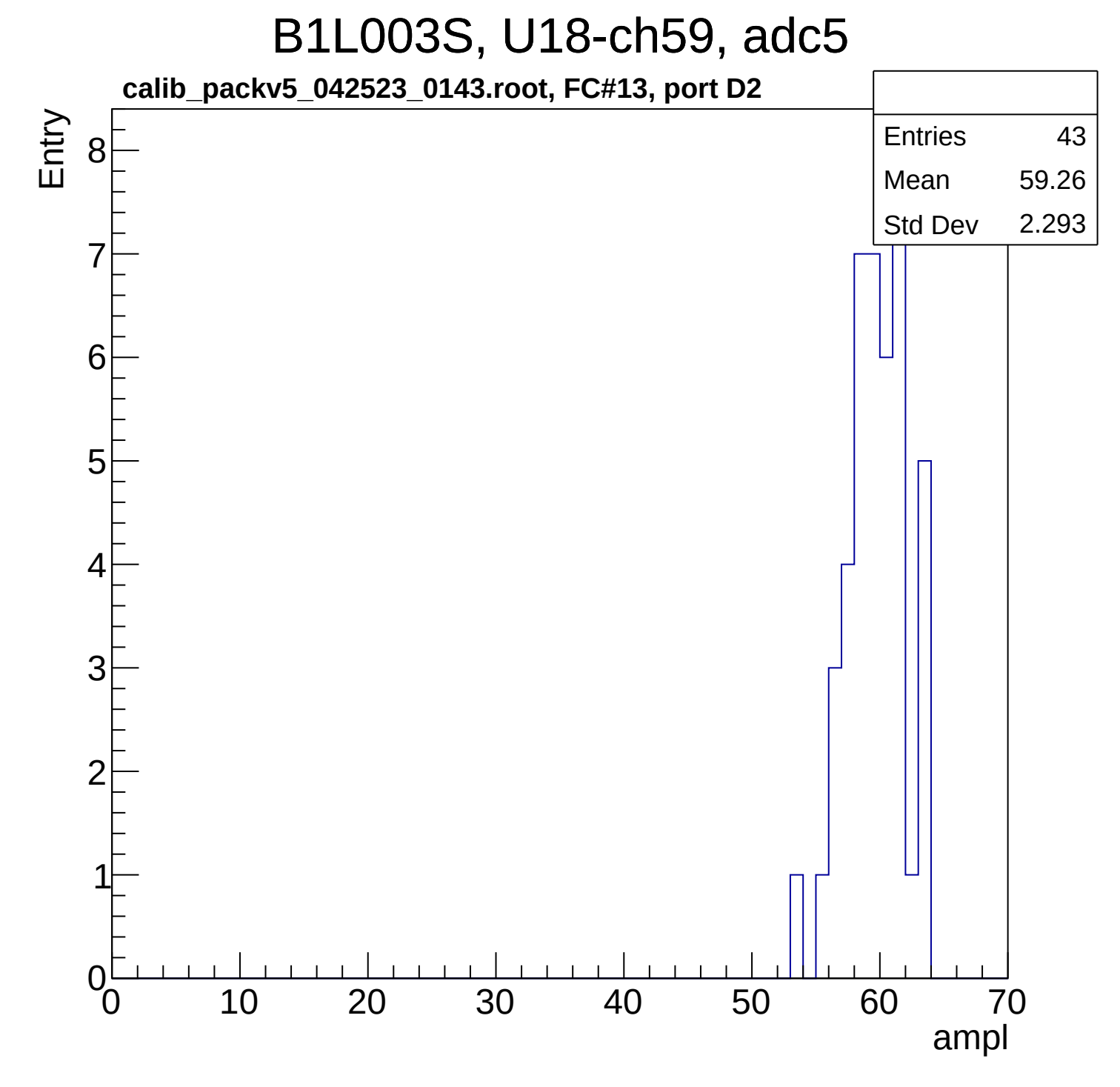

B1L003S, U18-ch59, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 27.08
Std Dev 4.956
Gaus mean : 28.6923
Gaus Width: 3.8255
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

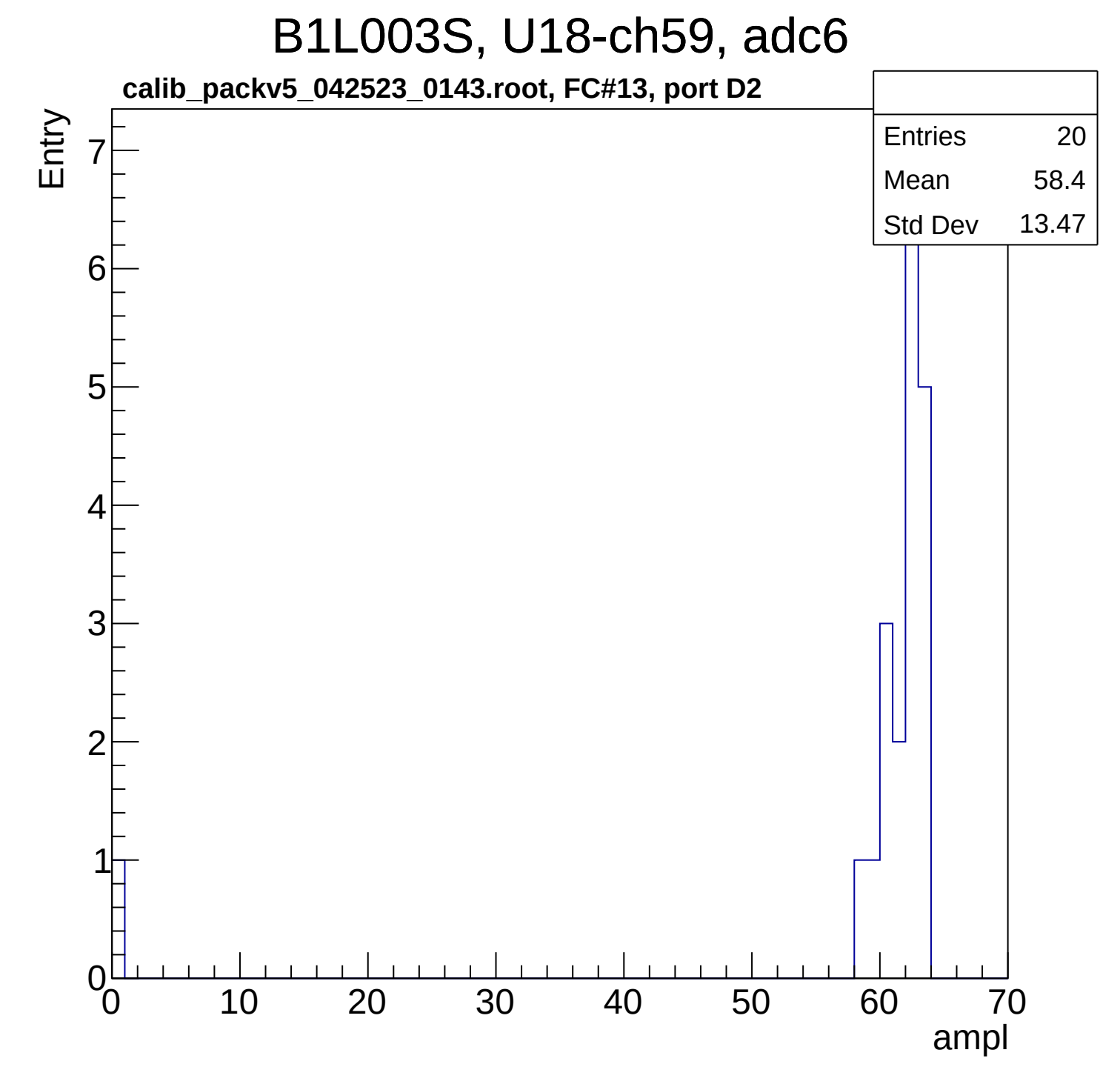

B1L003S, U18-ch59, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 34.26
Std Dev 3.929
Gaus mean : 35.4992
Gaus Width: 3.8680
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

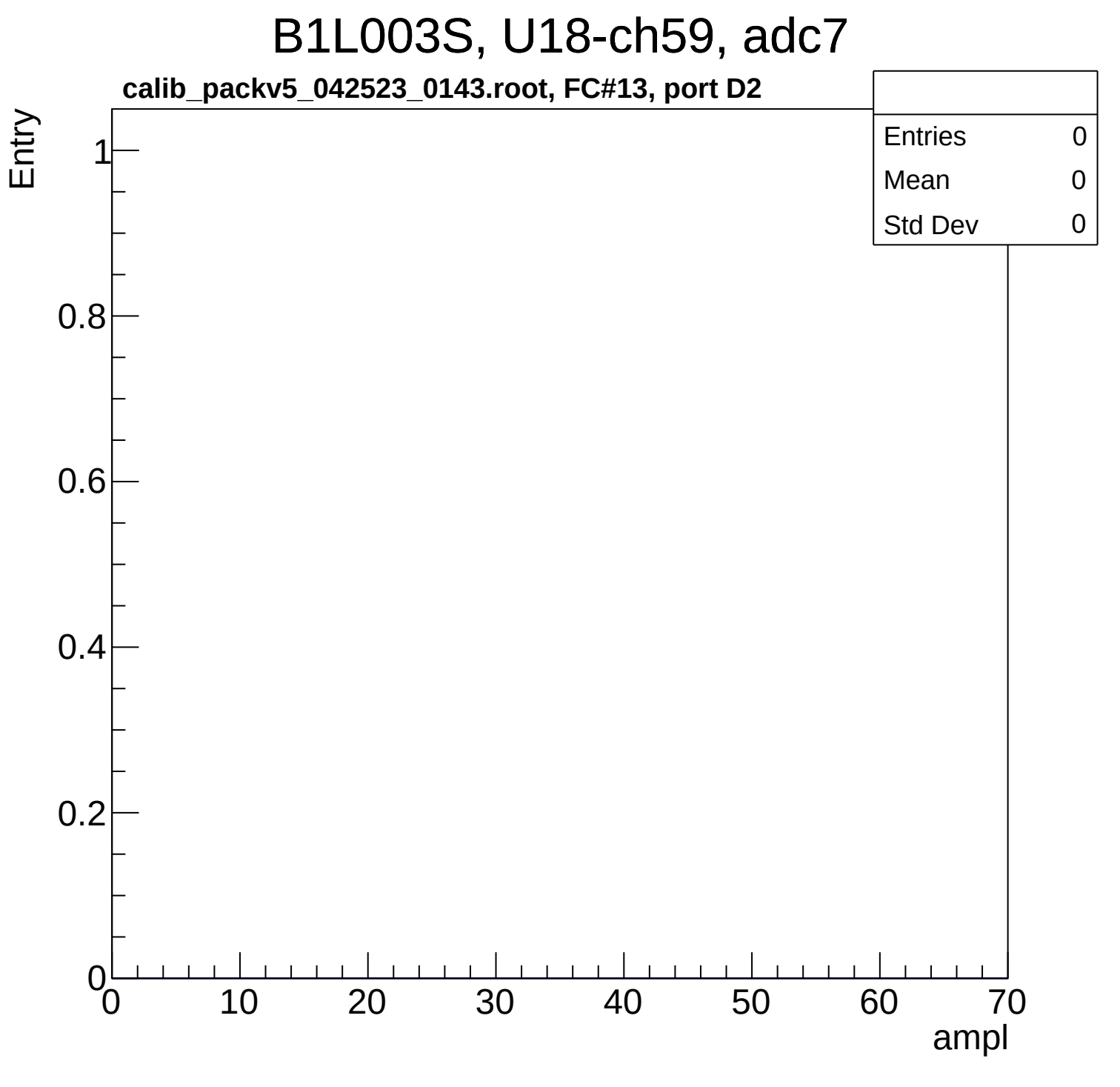

B1L003S, U18-ch59, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 41.08
Std Dev 2.862
Gaus mean : 41.7788
Gaus Width: 3.3867
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

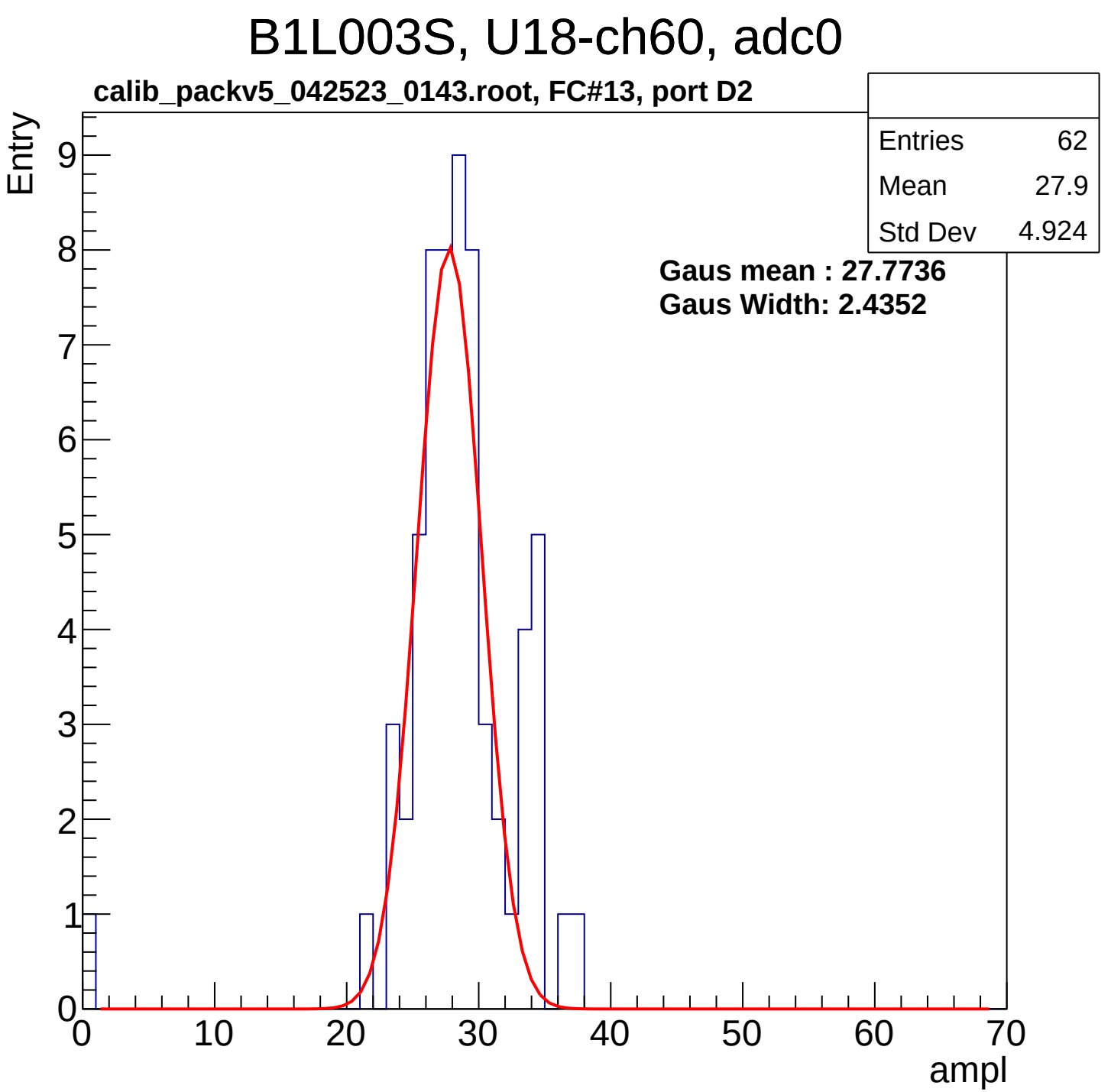

B1L003S, U18-ch59, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 46.86
Std Dev 3.164
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

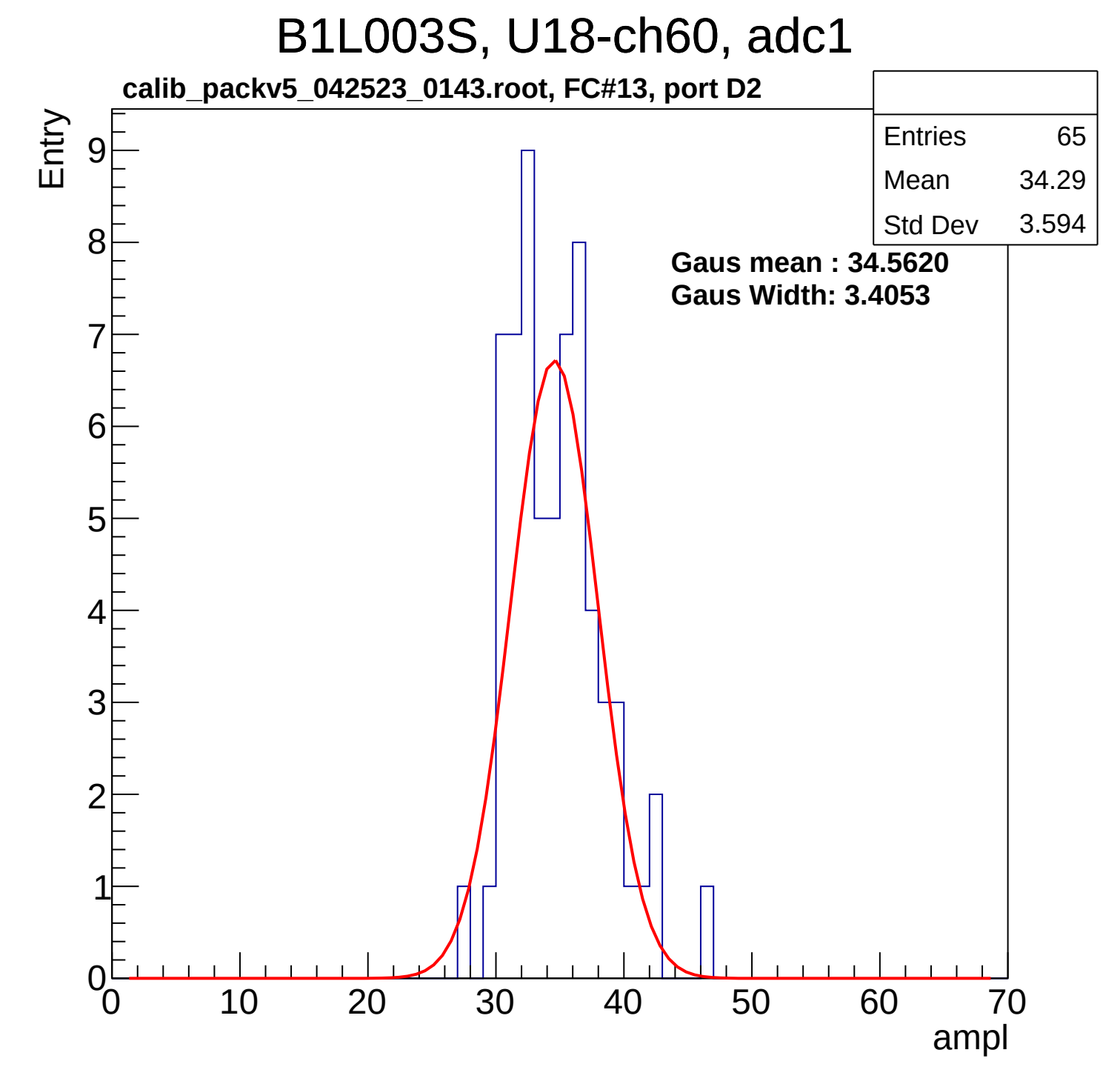

B1L003S, U18-ch59, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 54
Std Dev 3.039
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

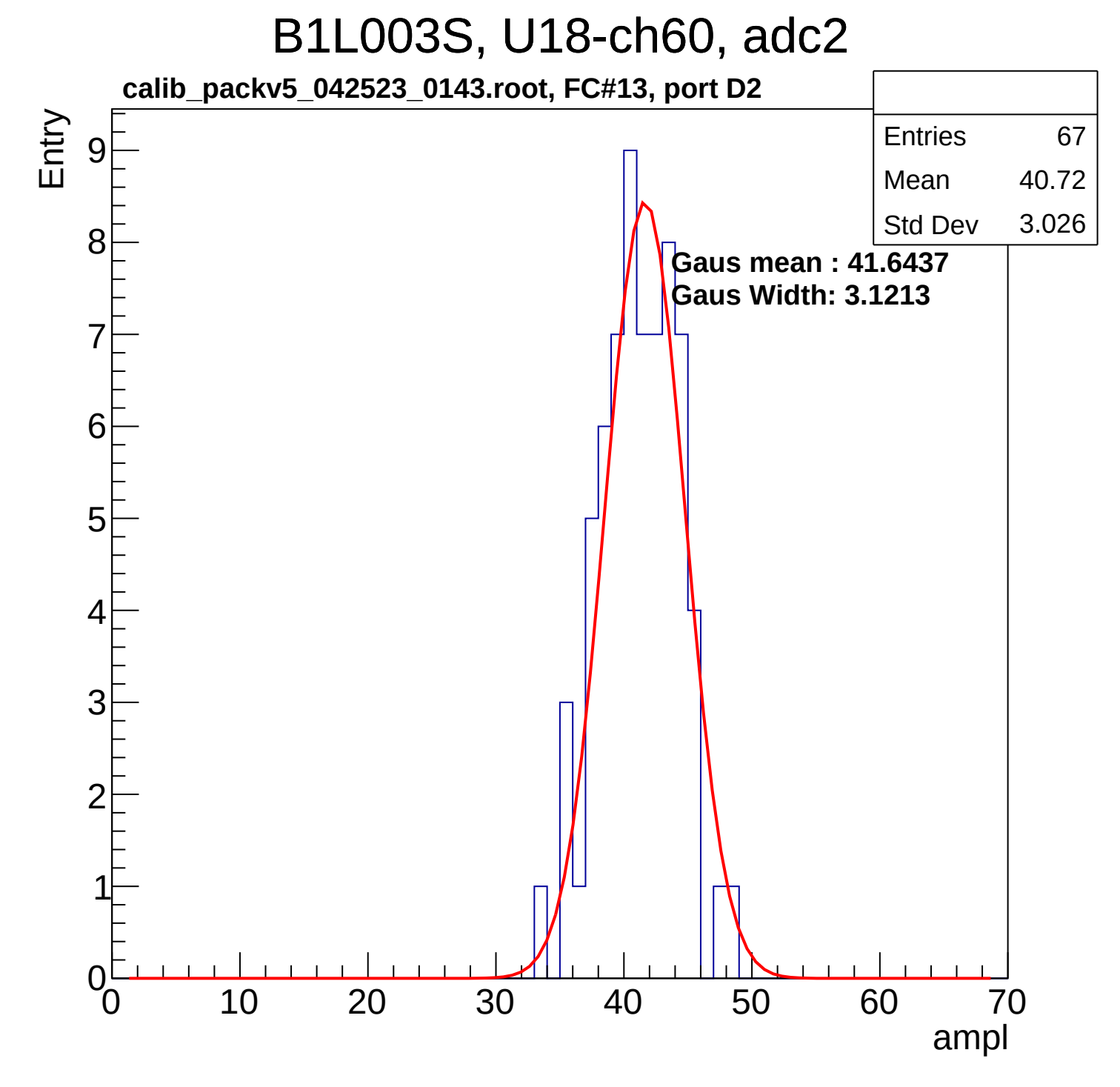

B1L003S, U18-ch59, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 59.26
Std Dev 2.293
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

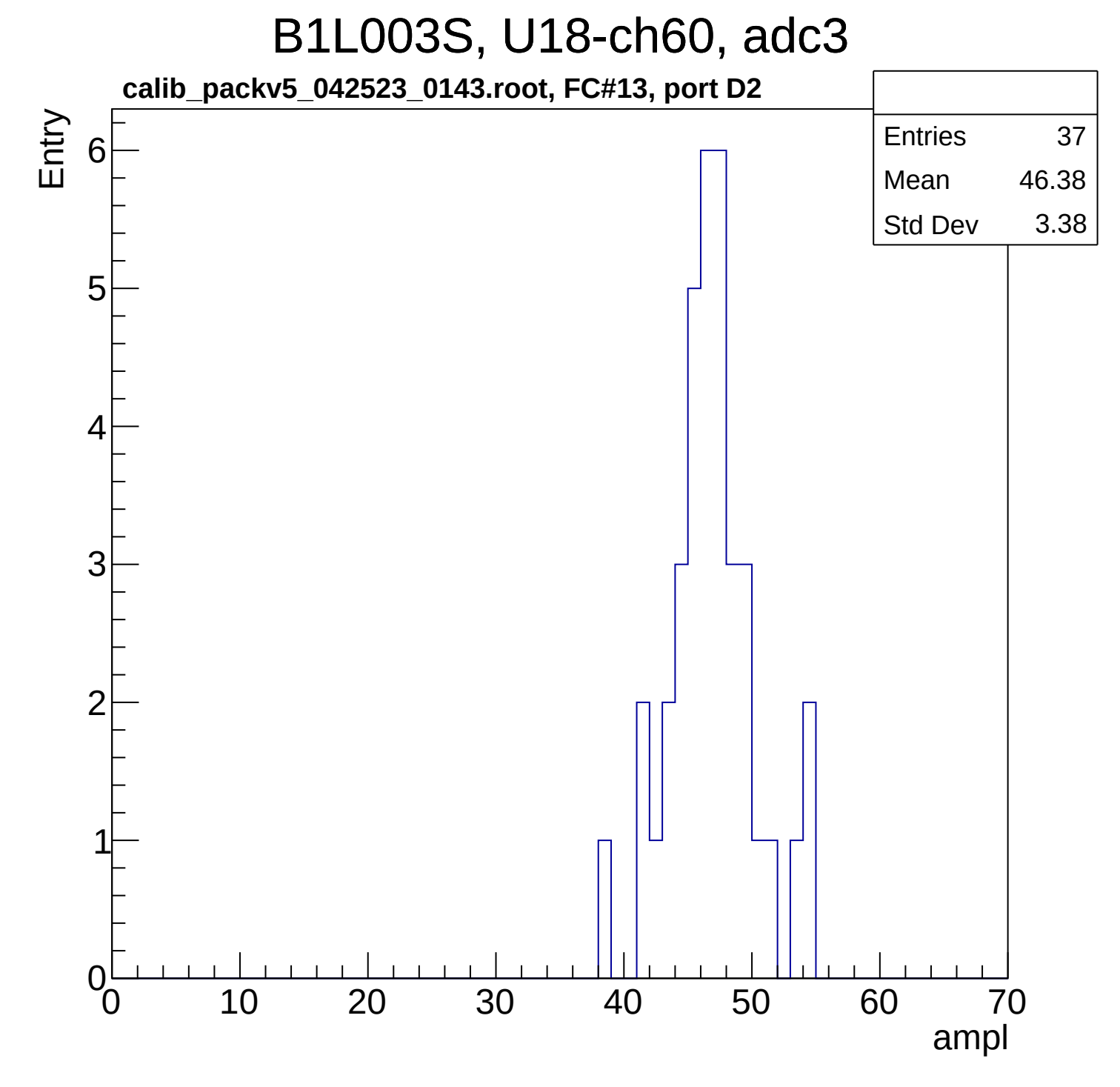

B1L003S, U18-ch59, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 20
Mean 58.4
Std Dev 13.47
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

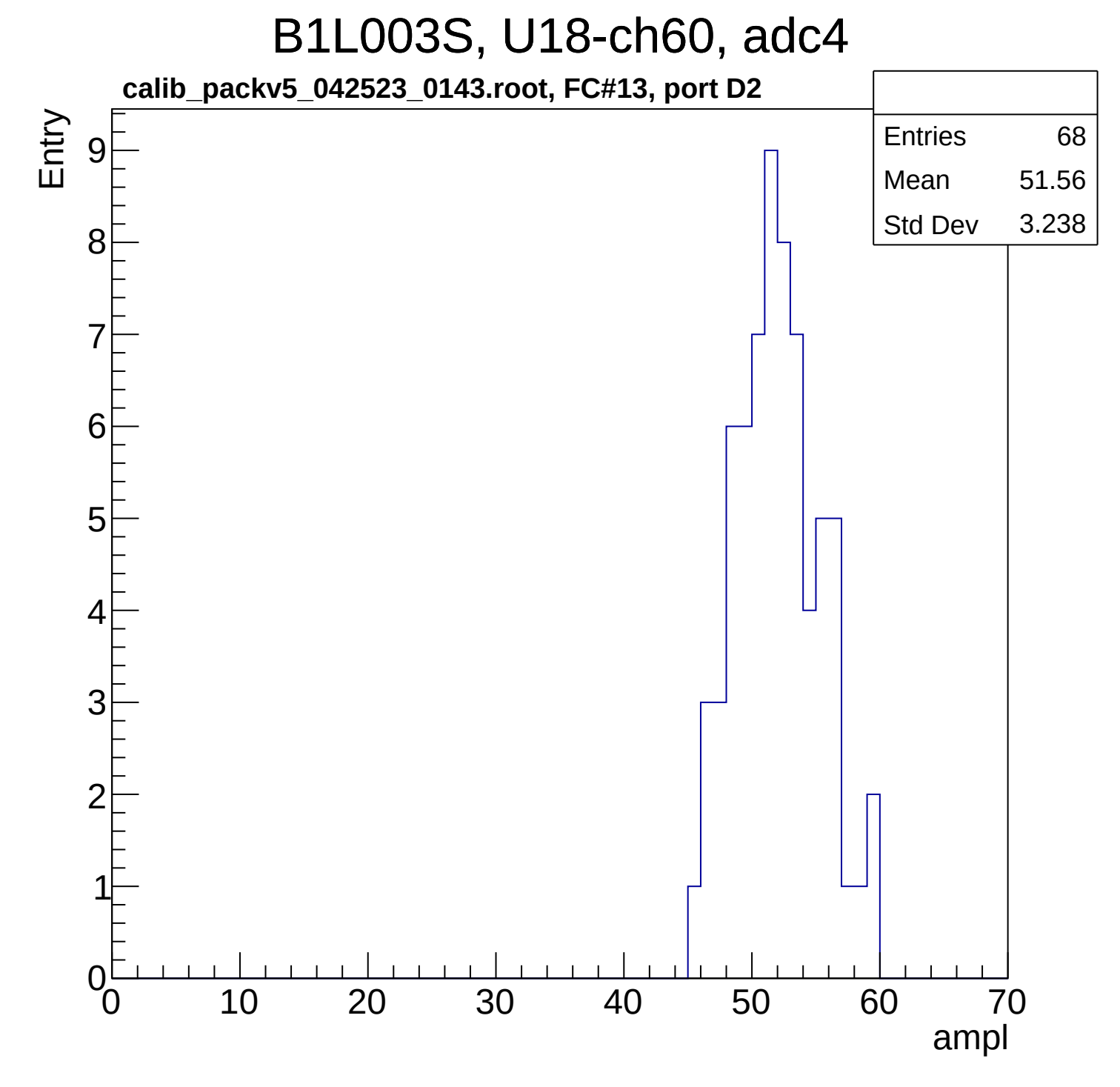

B1L003S, U18-ch59, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

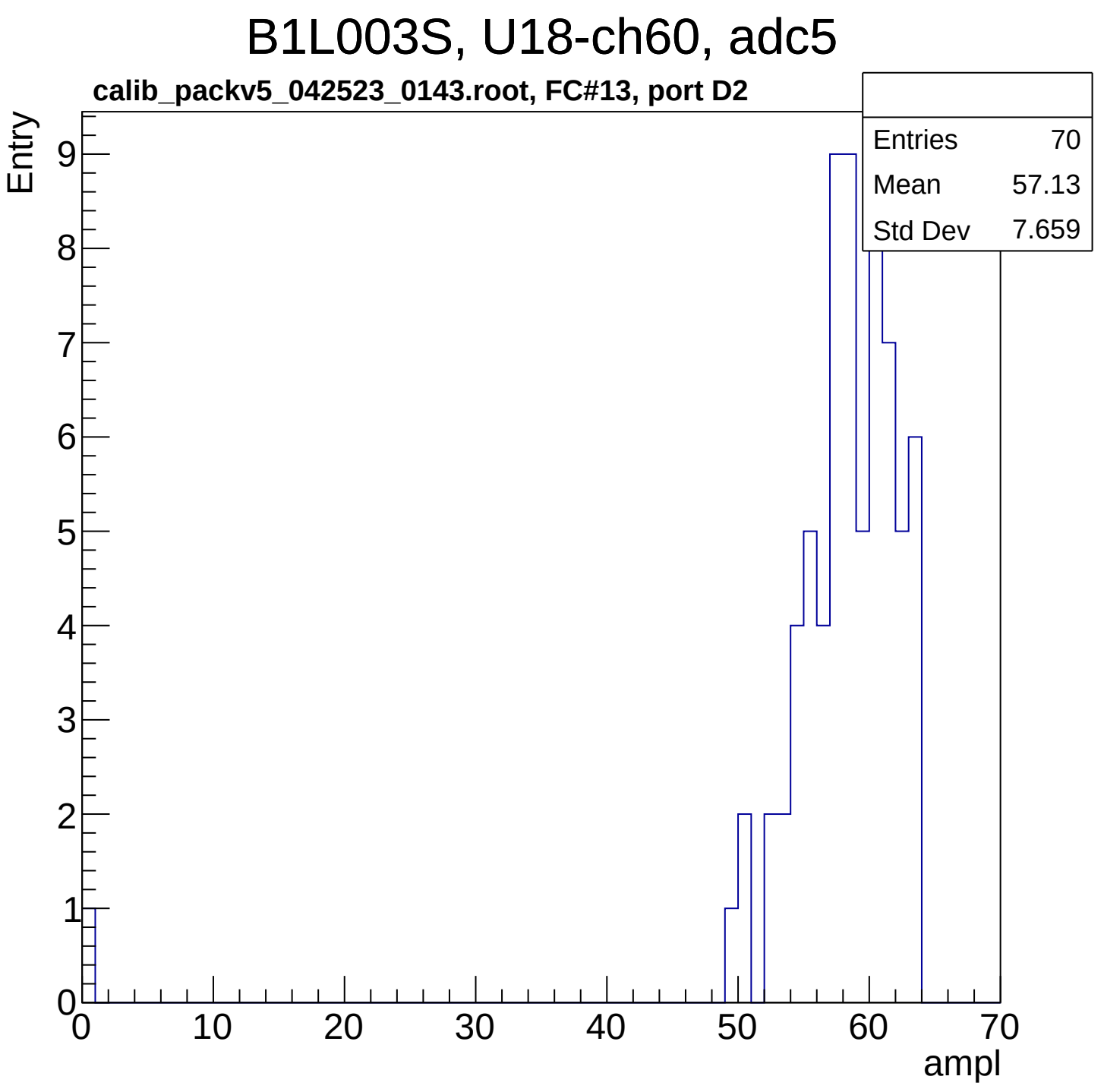

B1L003S, U18-ch60, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 27.9
Std Dev 4.924
Gaus mean : 27.7736
Gaus Width: 2.4352
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

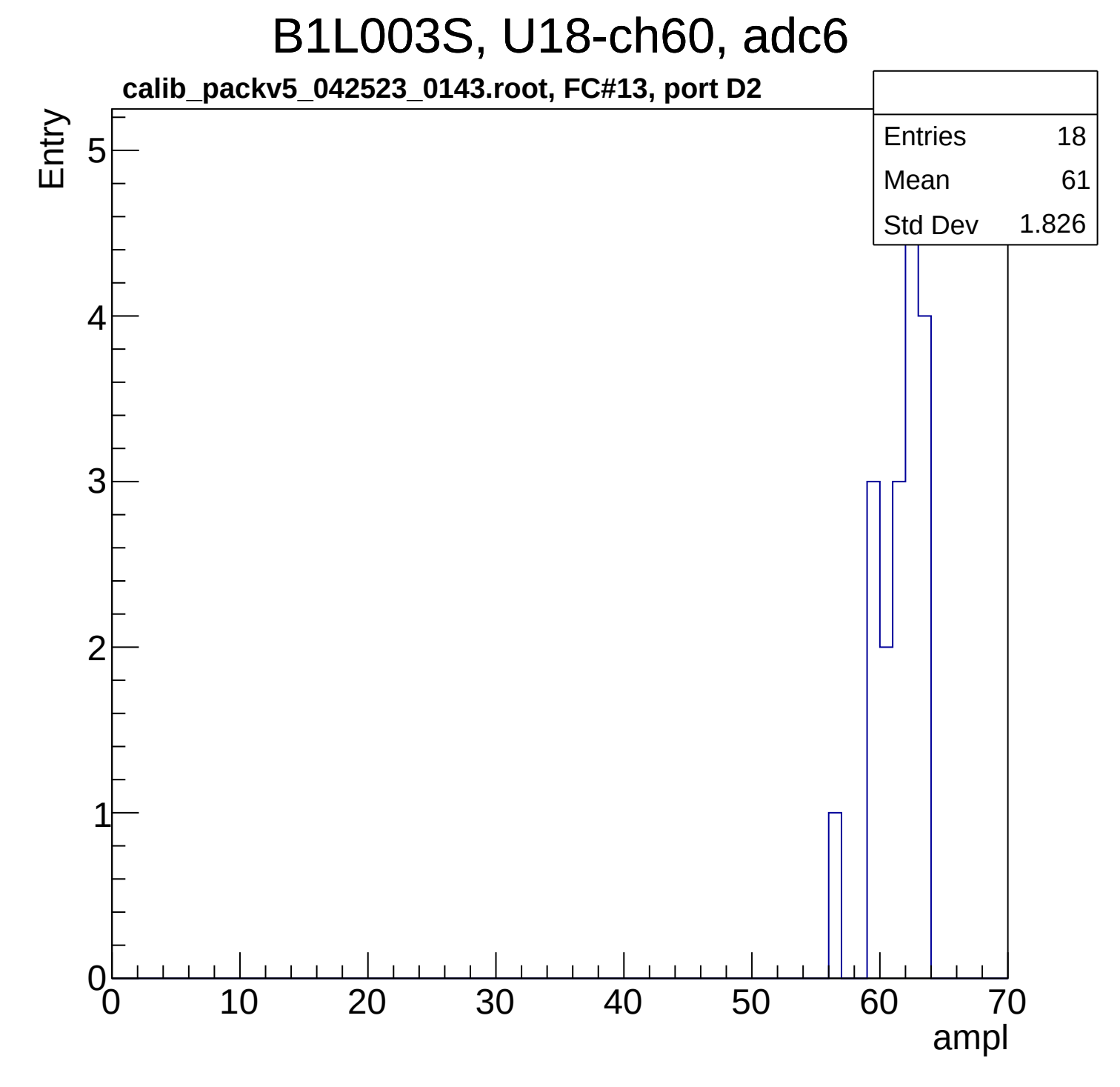

B1L003S, U18-ch60, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 34.29
Std Dev 3.594
Gaus mean : 34.5620
Gaus Width: 3.4053
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

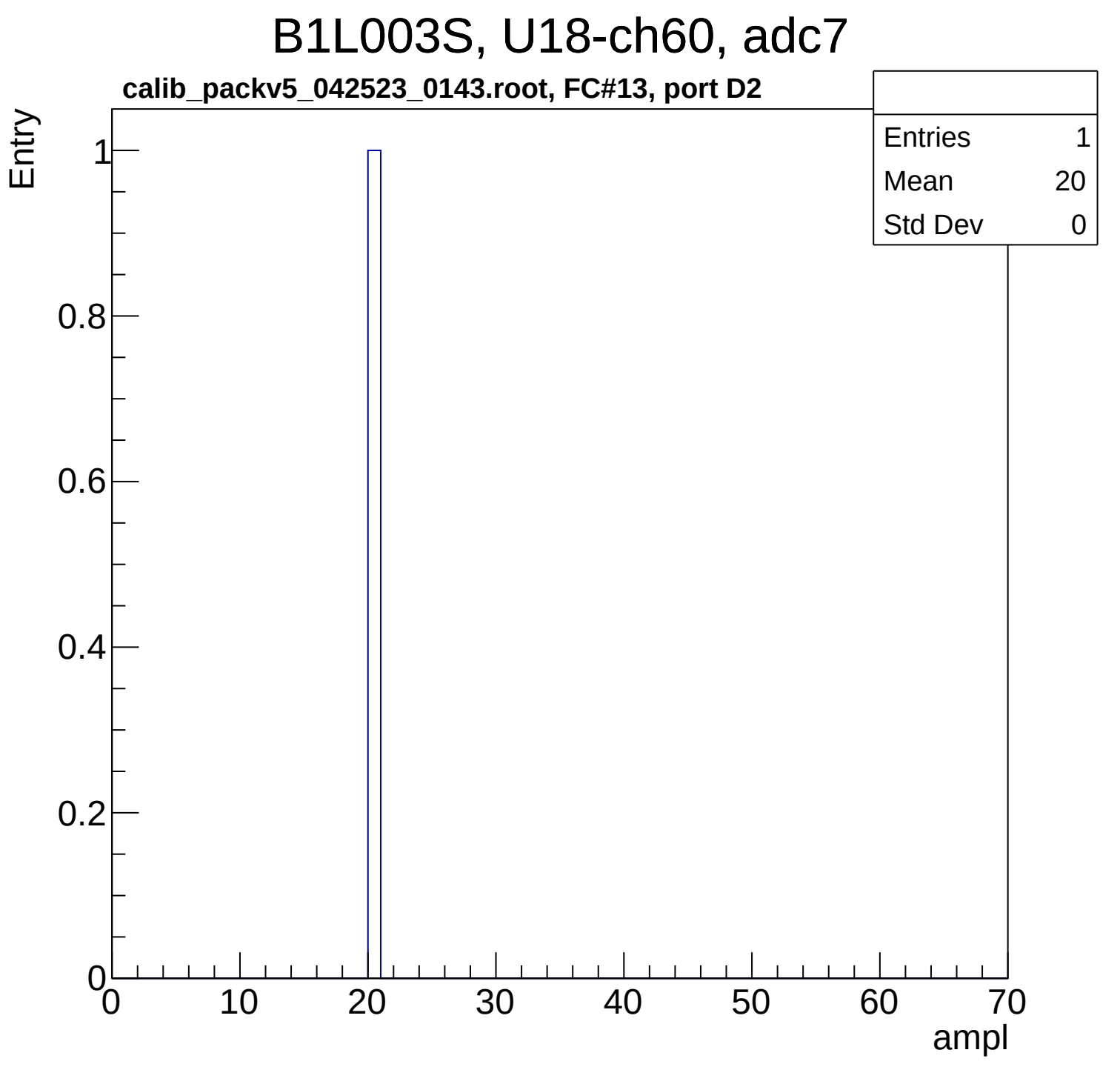

B1L003S, U18-ch60, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 40.72
Std Dev 3.026
Gaus mean : 41.6437
Gaus Width: 3.1213
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

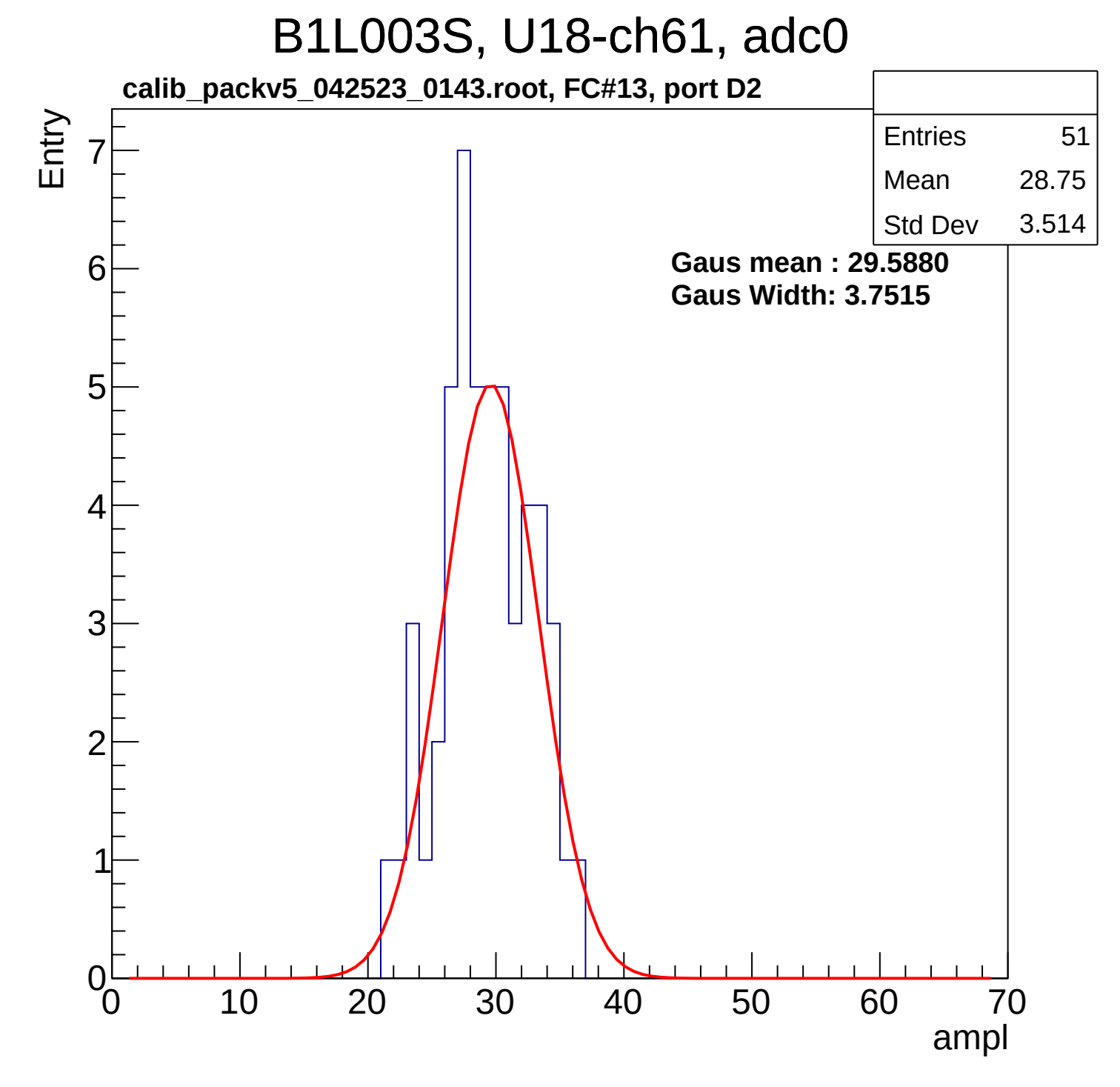

B1L003S, U18-ch60, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 46.38
Std Dev 3.38
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

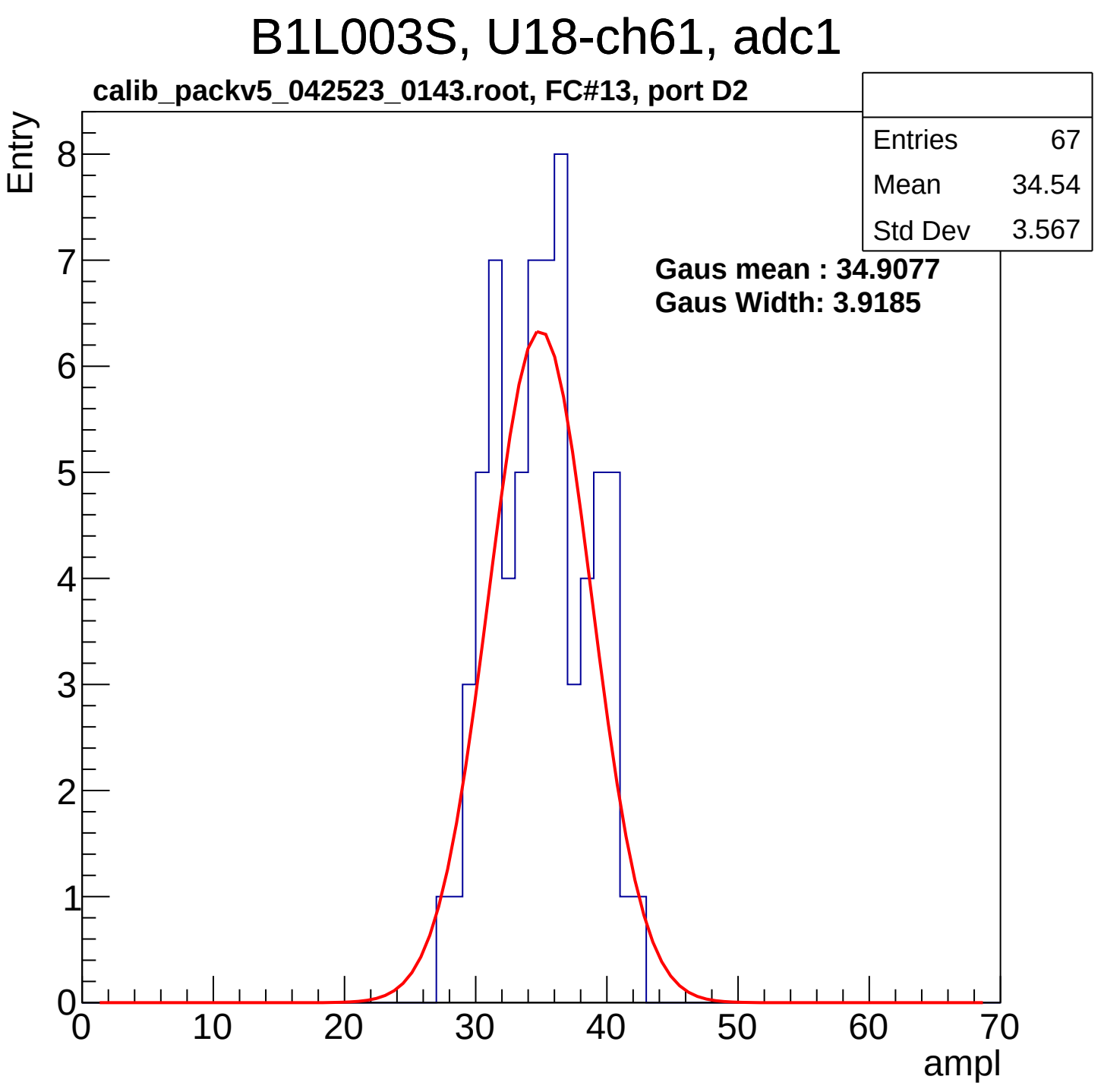

B1L003S, U18-ch60, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 51.56
Std Dev 3.238
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

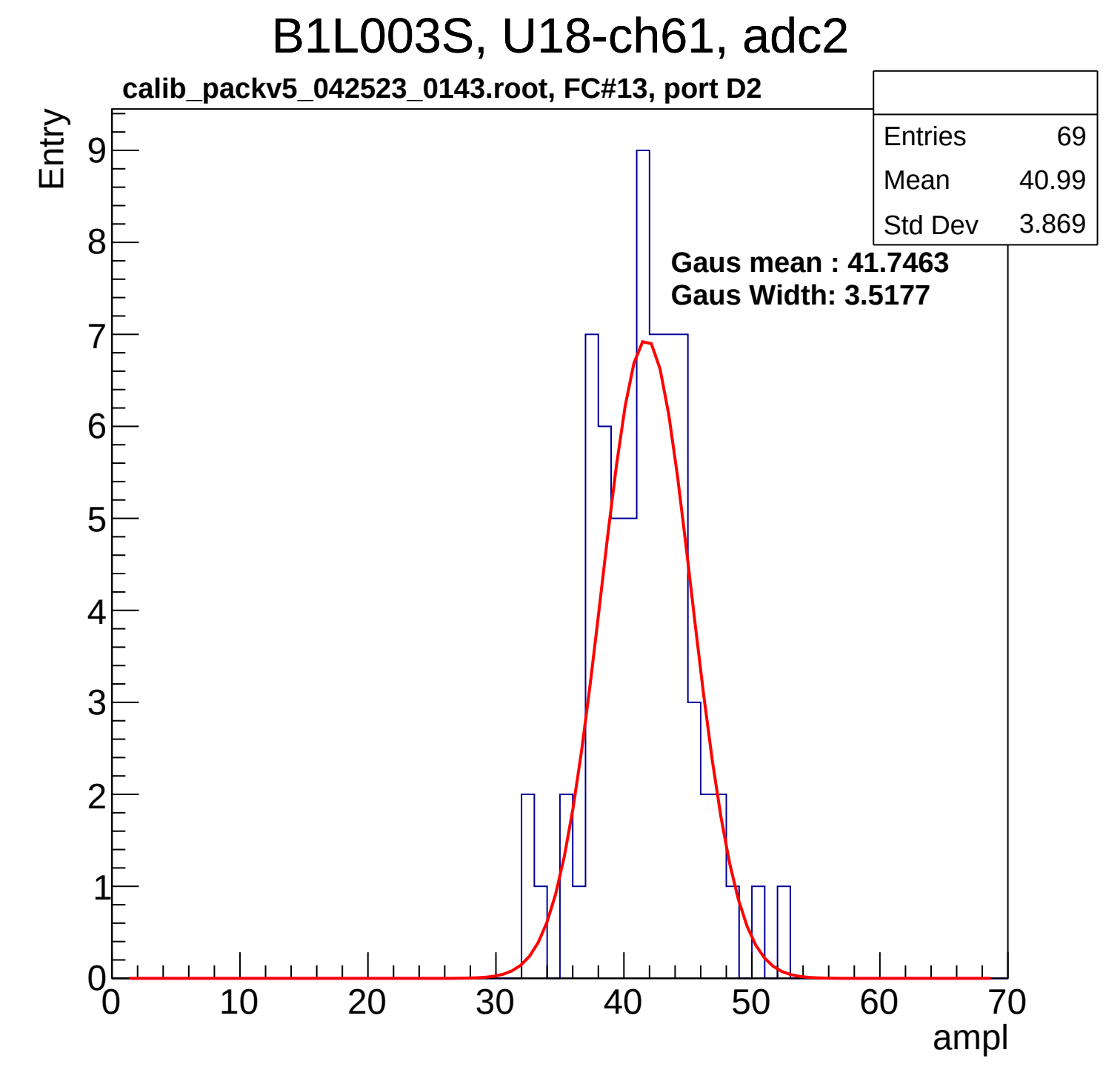

B1L003S, U18-ch60, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 57.13
Std Dev 7.659
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

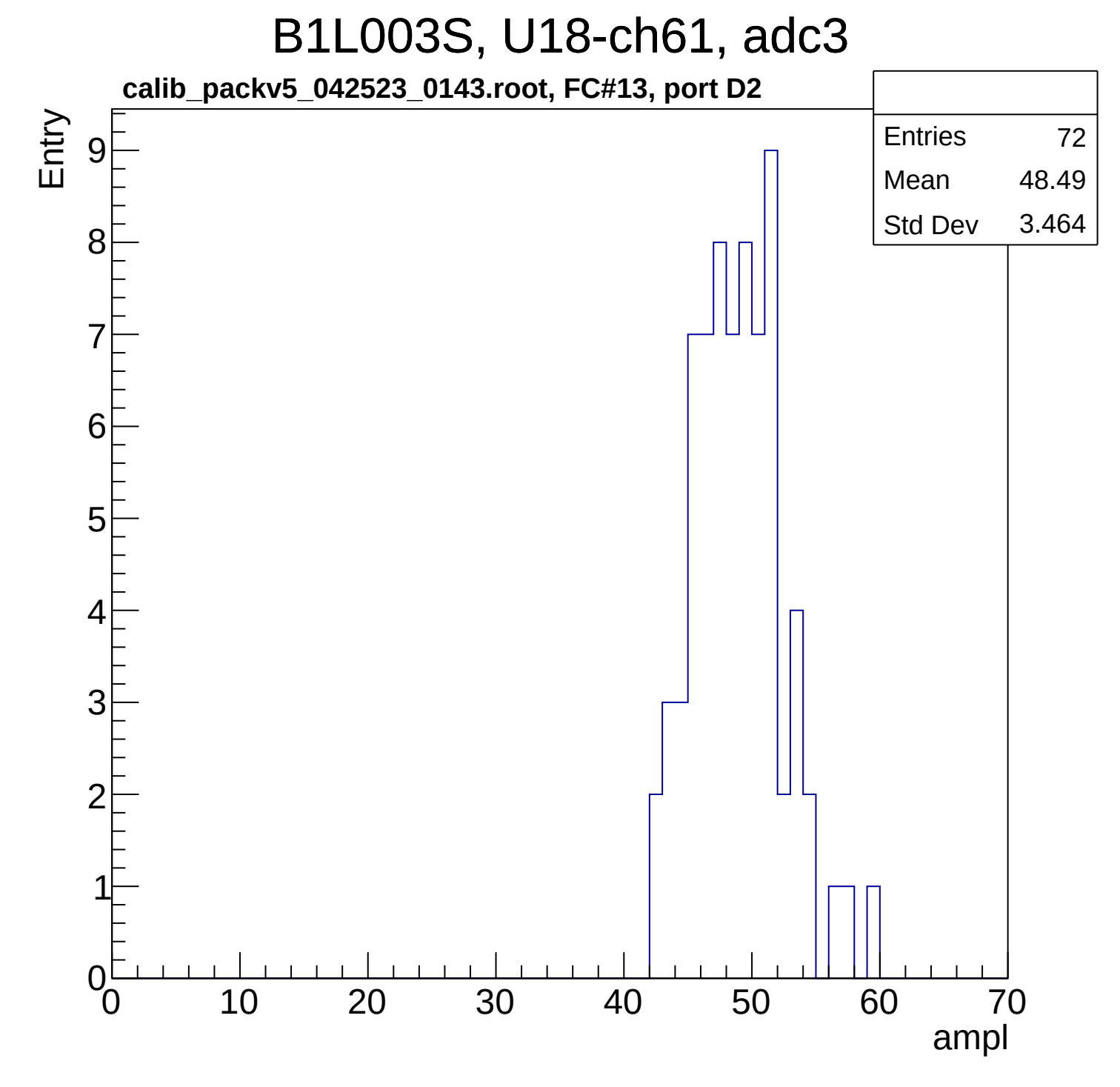

B1L003S, U18-ch60, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 18
Mean 61
Std Dev 1.826
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

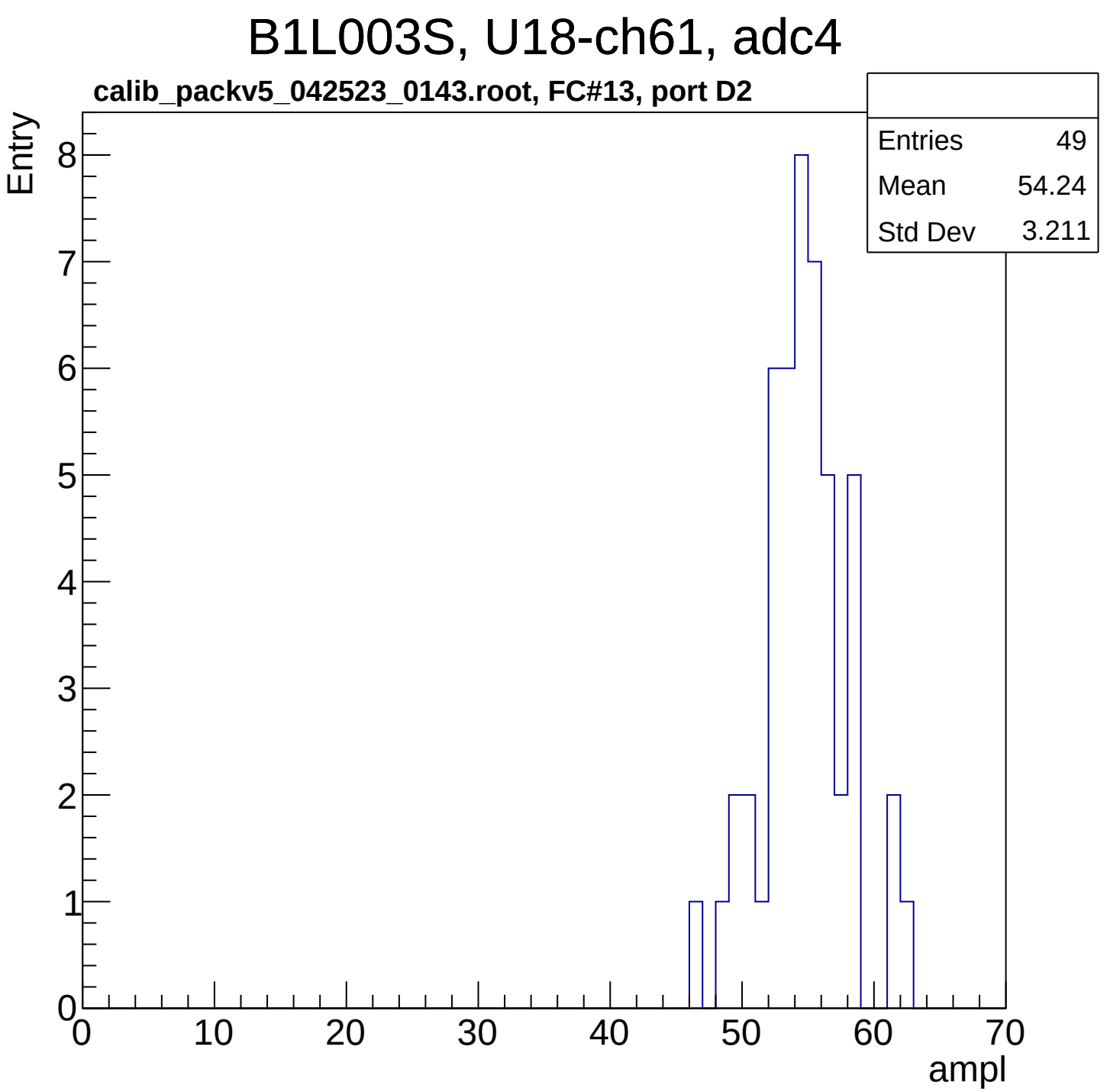

B1L003S, U18-ch60, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

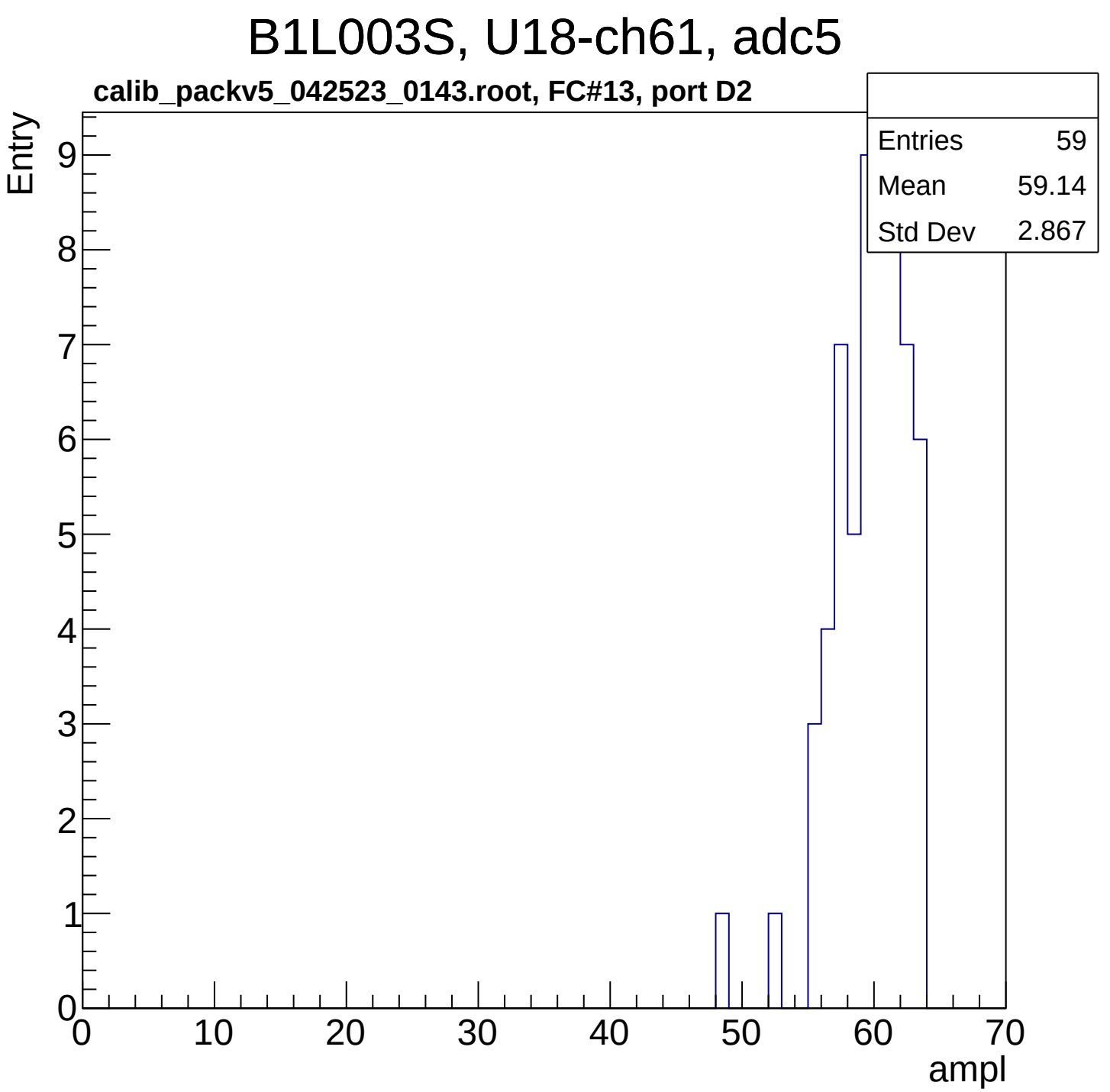

B1L003S, U18-ch61, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 28.75
Std Dev 3.514
Gaus mean : 29.5880
Gaus Width: 3.7515
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

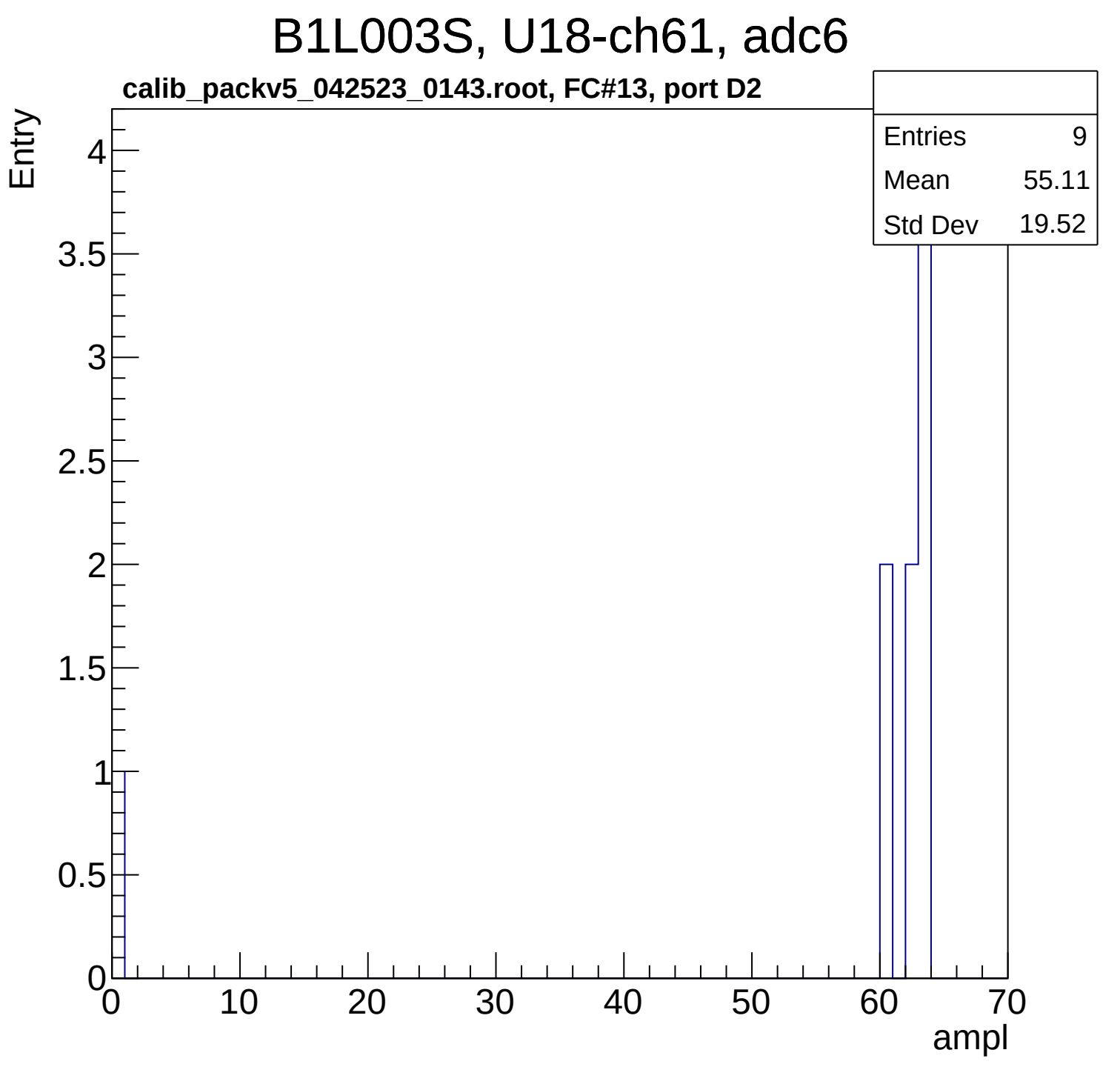

B1L003S, U18-ch61, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 34.54
Std Dev 3.567
Gaus mean : 34.9077
Gaus Width: 3.9185
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

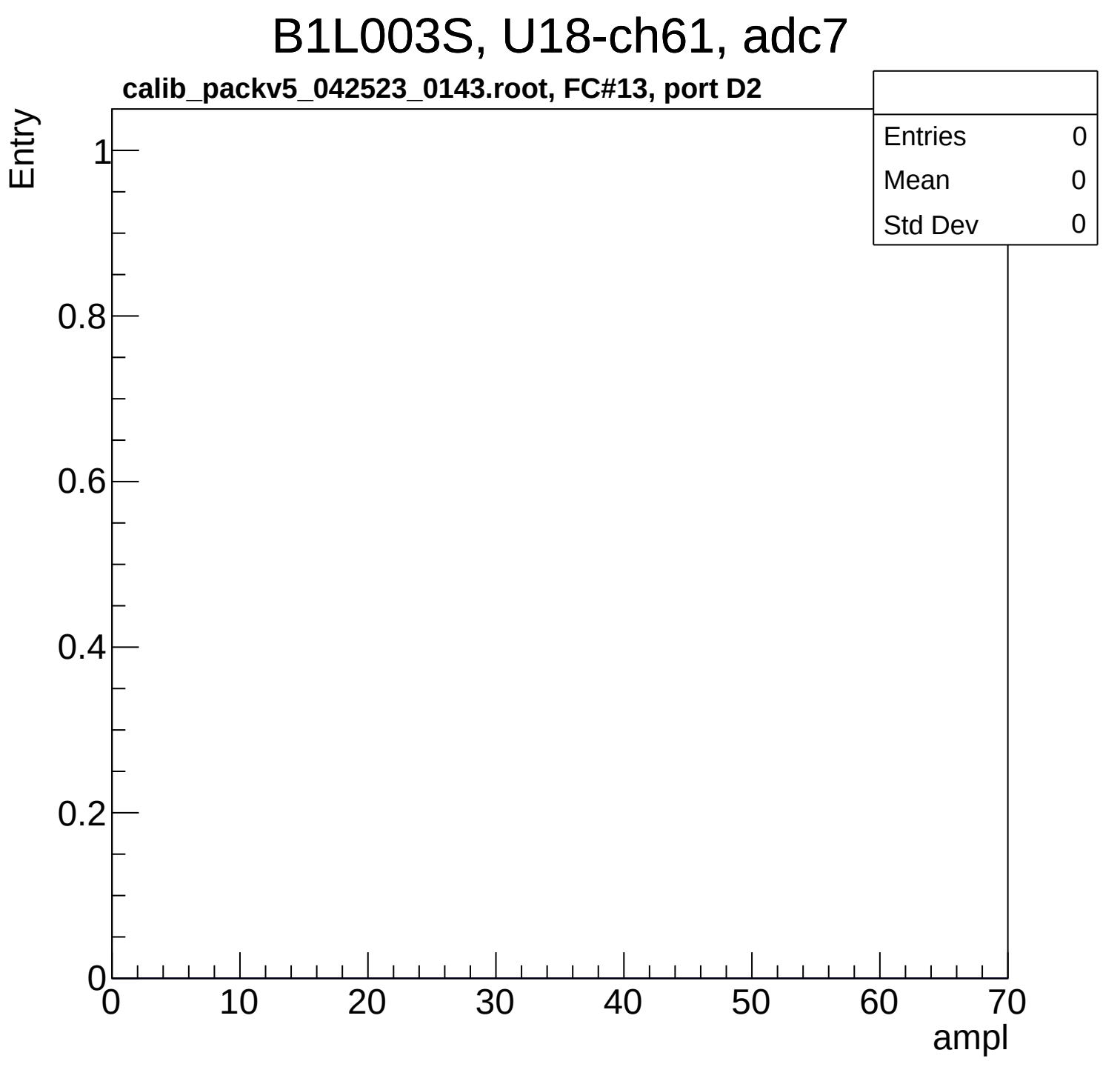

B1L003S, U18-ch61, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 40.99
Std Dev 3.869
Gaus mean : 41.7463
Gaus Width: 3.5177
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

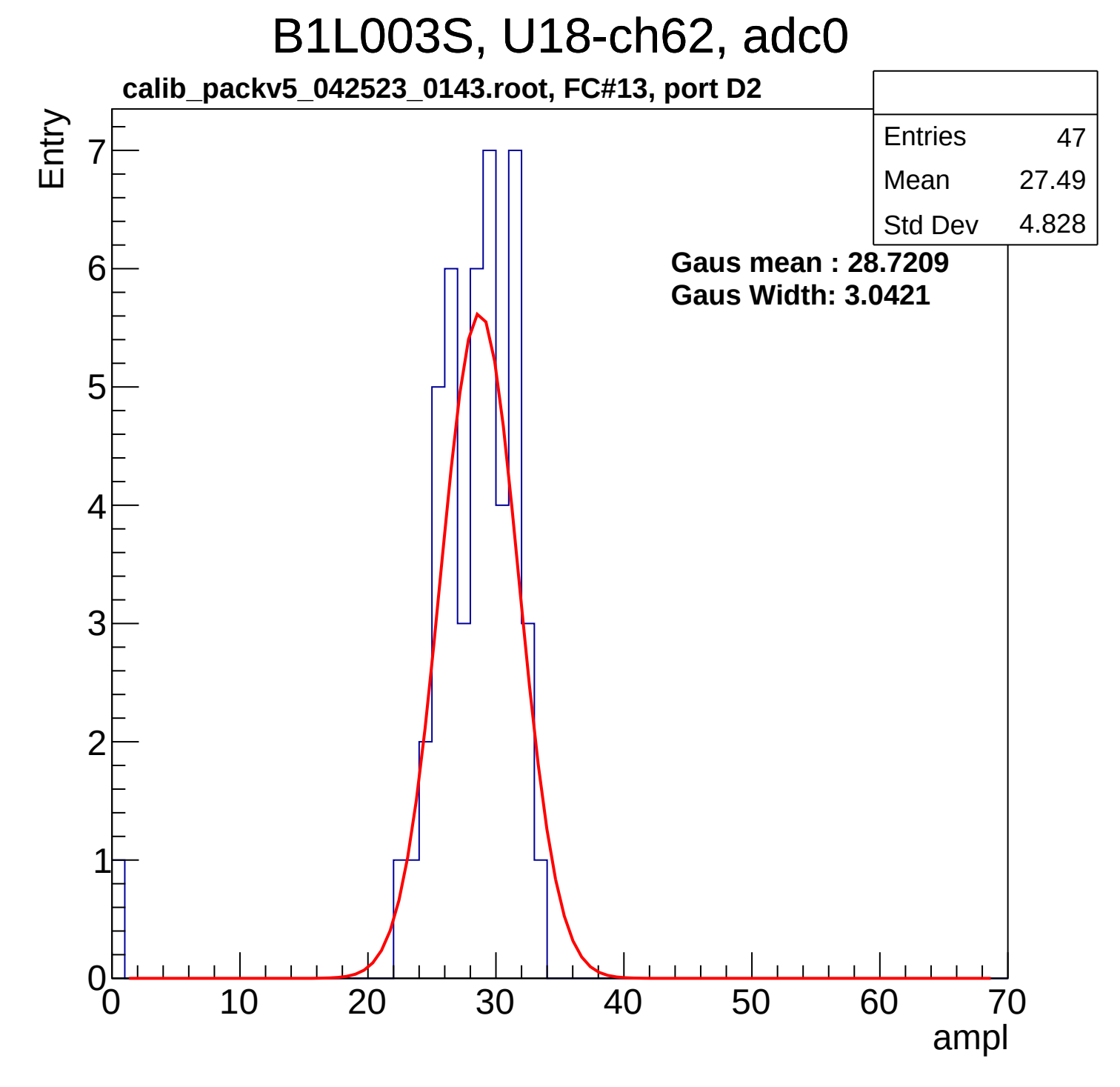

B1L003S, U18-ch61, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 48.49
Std Dev 3.464
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

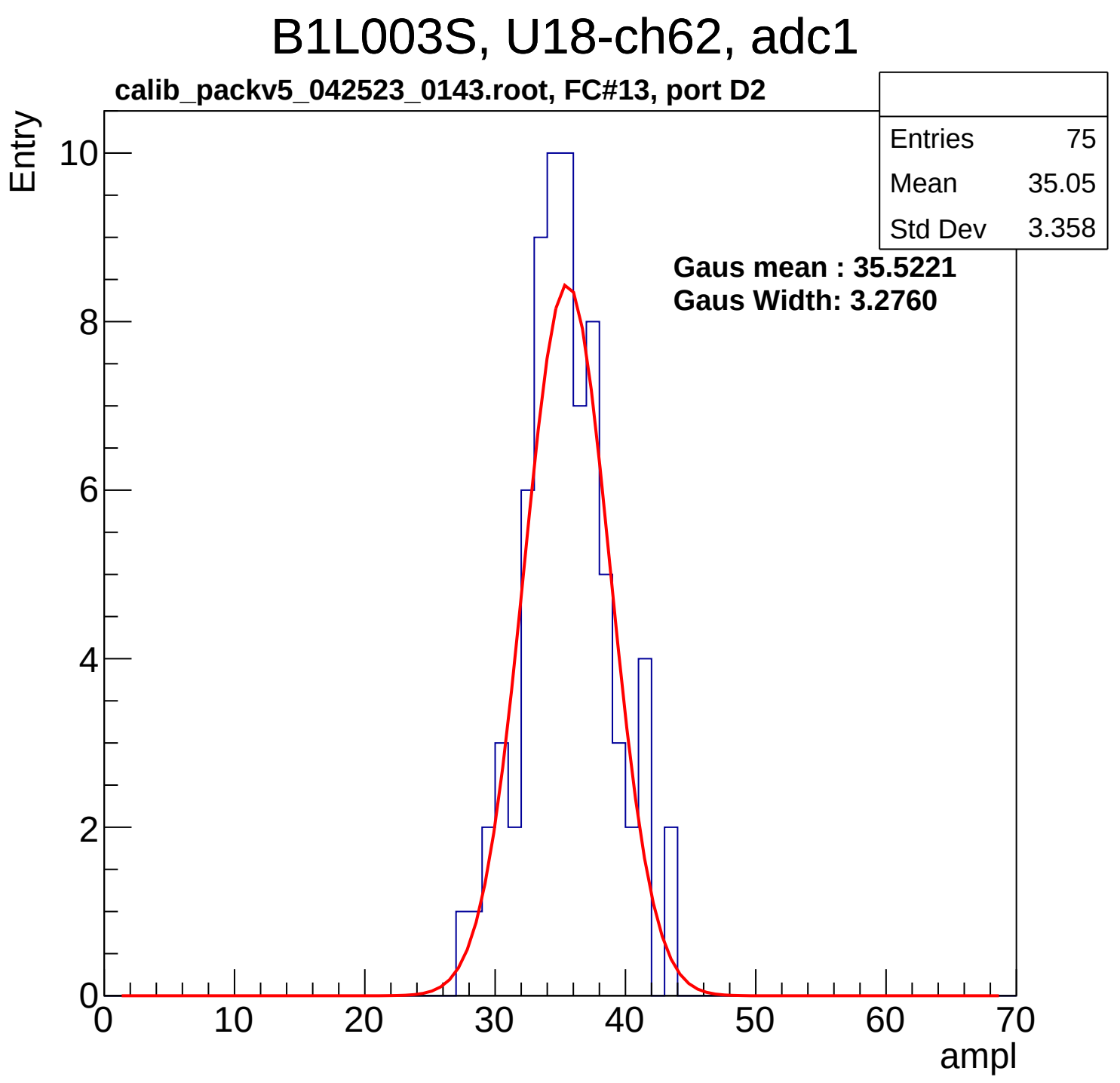

B1L003S, U18-ch61, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 54.24
Std Dev 3.211
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

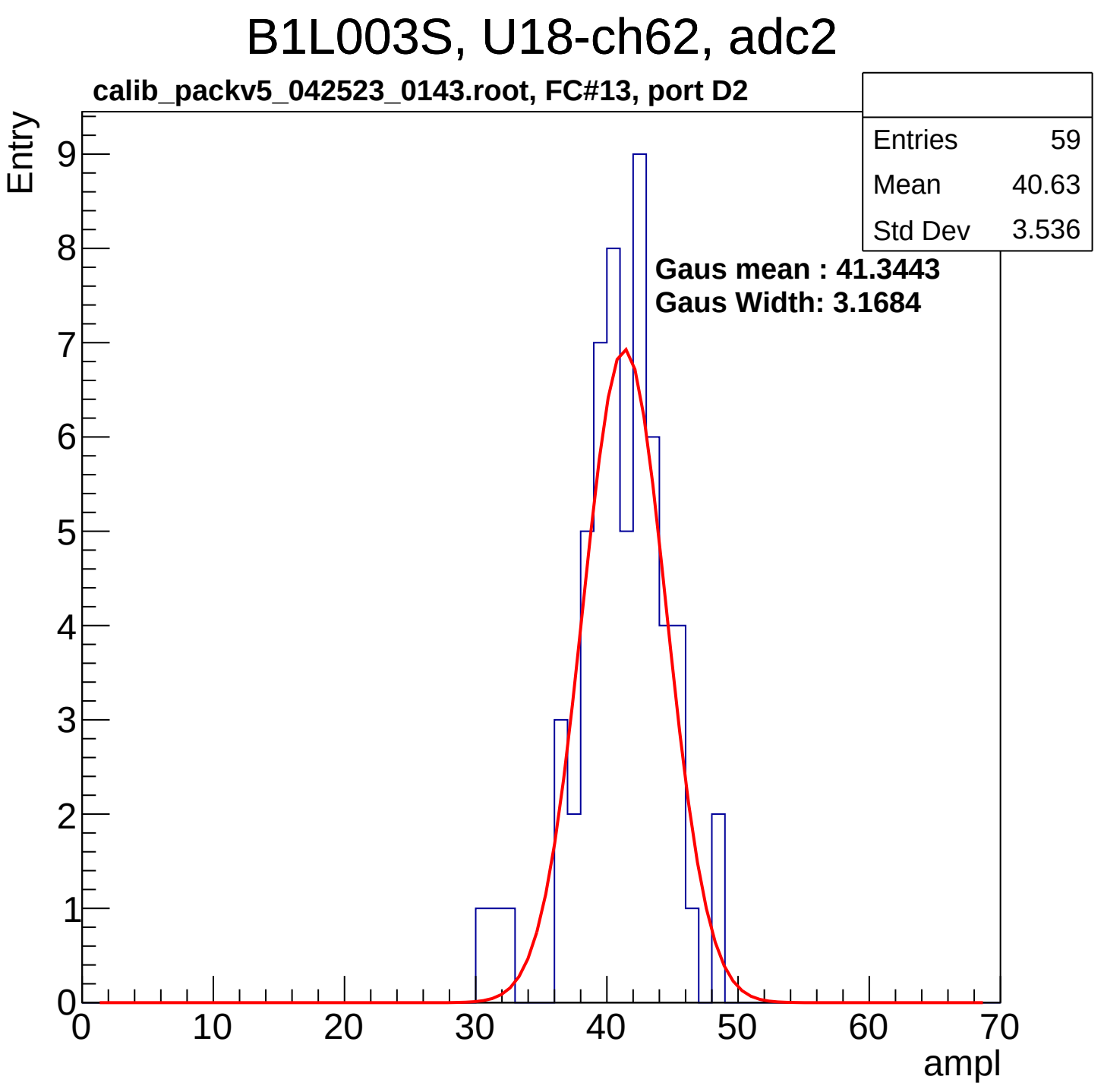

B1L003S, U18-ch61, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 59.14
Std Dev 2.867
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

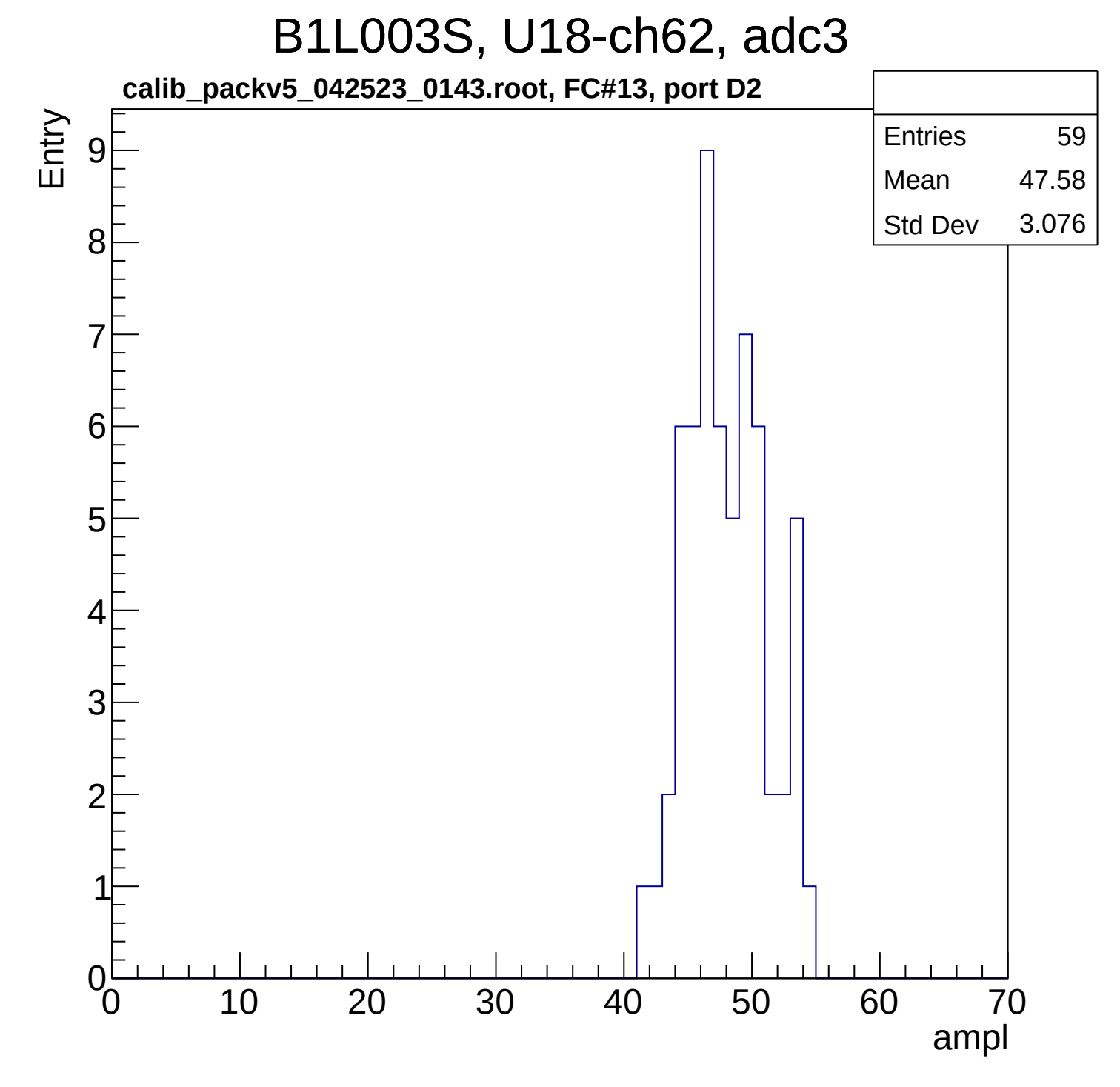

B1L003S, U18-ch61, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 55.11
Std Dev 19.52
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

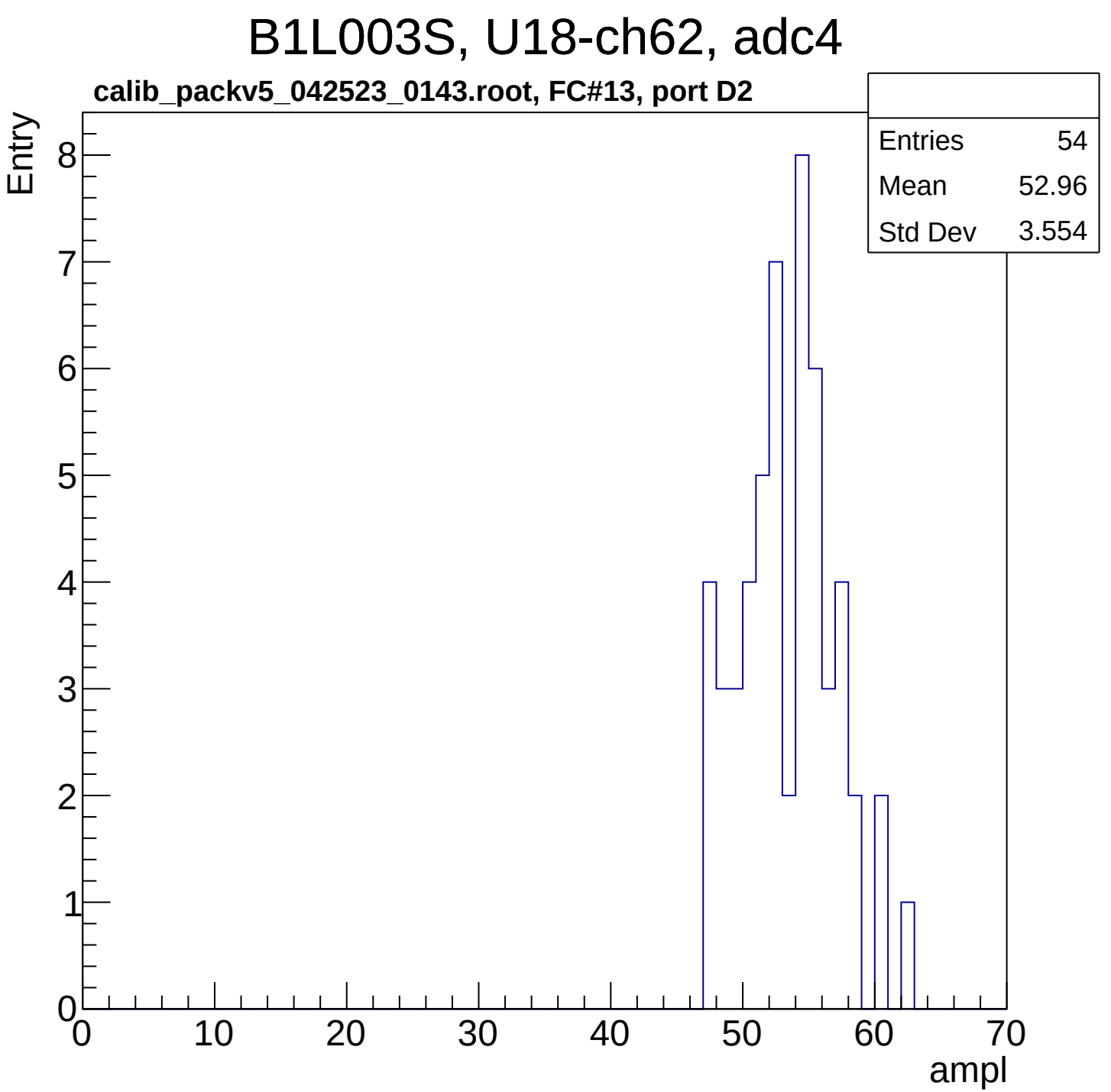

B1L003S, U18-ch61, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

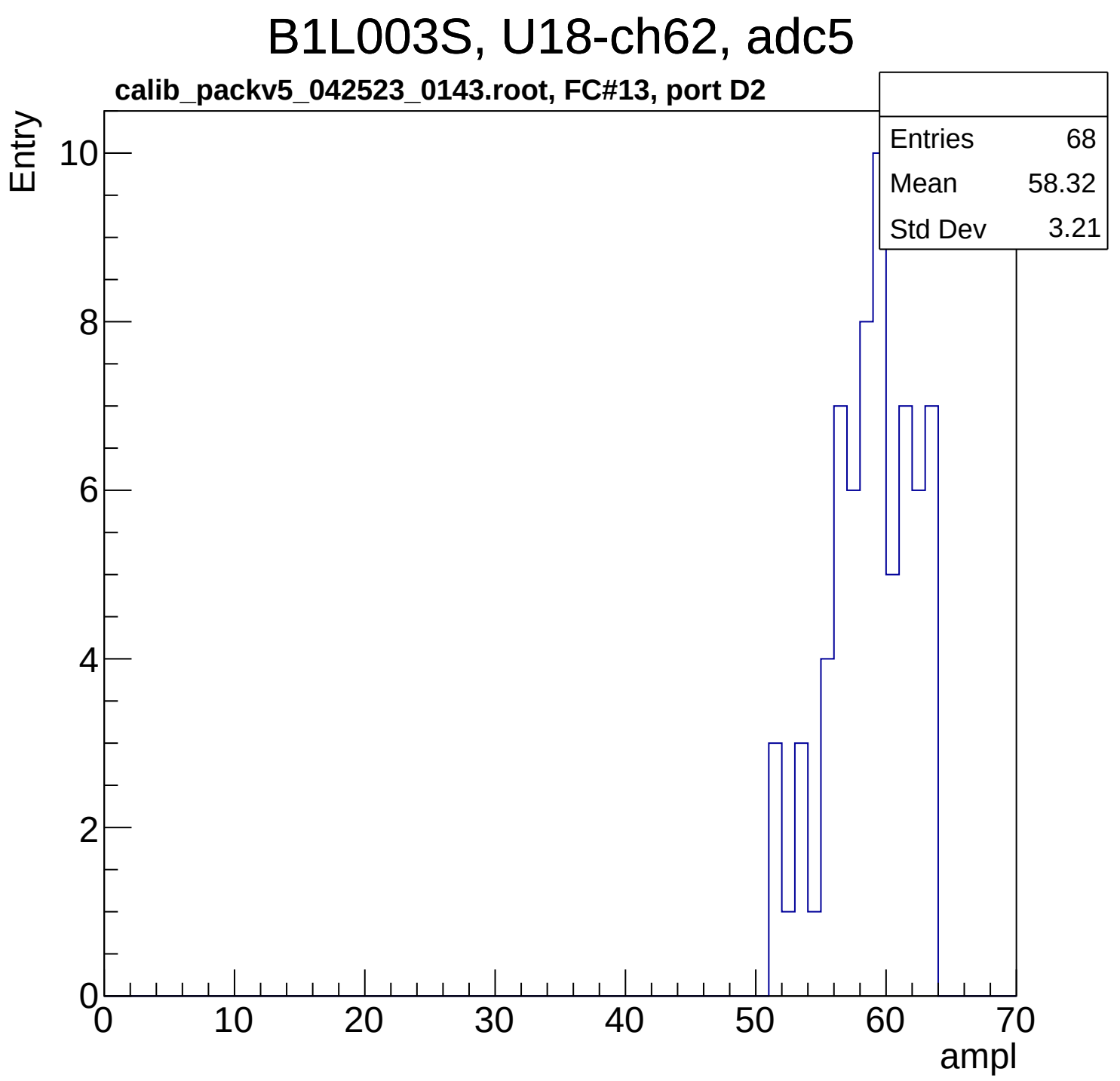

B1L003S, U18-ch62, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 27.49
Std Dev 4.828
Gaus mean : 28.7209
Gaus Width: 3.0421
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

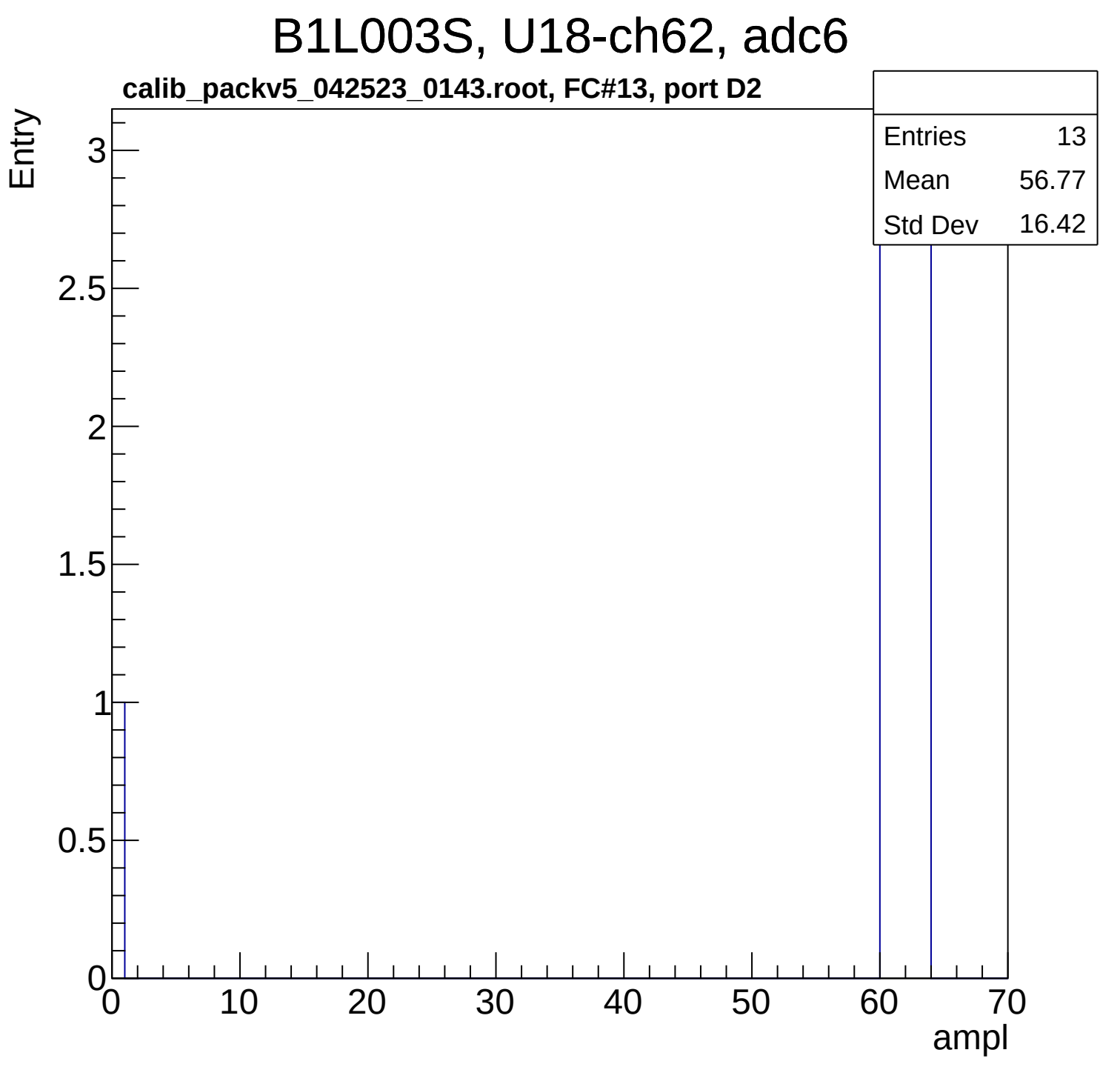

B1L003S, U18-ch62, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 35.05
Std Dev 3.358
Gaus mean : 35.5221
Gaus Width: 3.2760
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

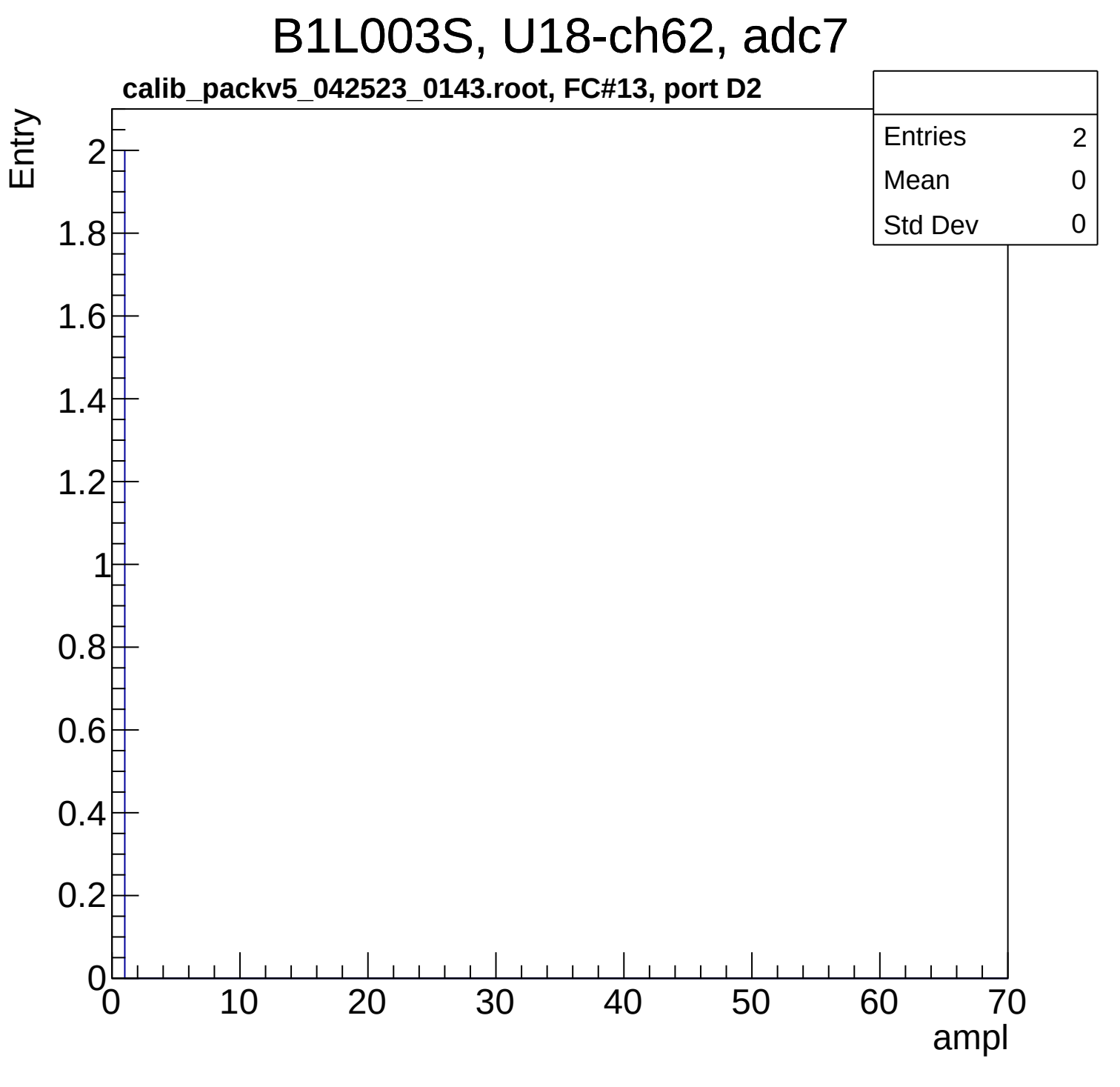

B1L003S, U18-ch62, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 40.63
Std Dev 3.536
Gaus mean : 41.3443
Gaus Width: 3.1684
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

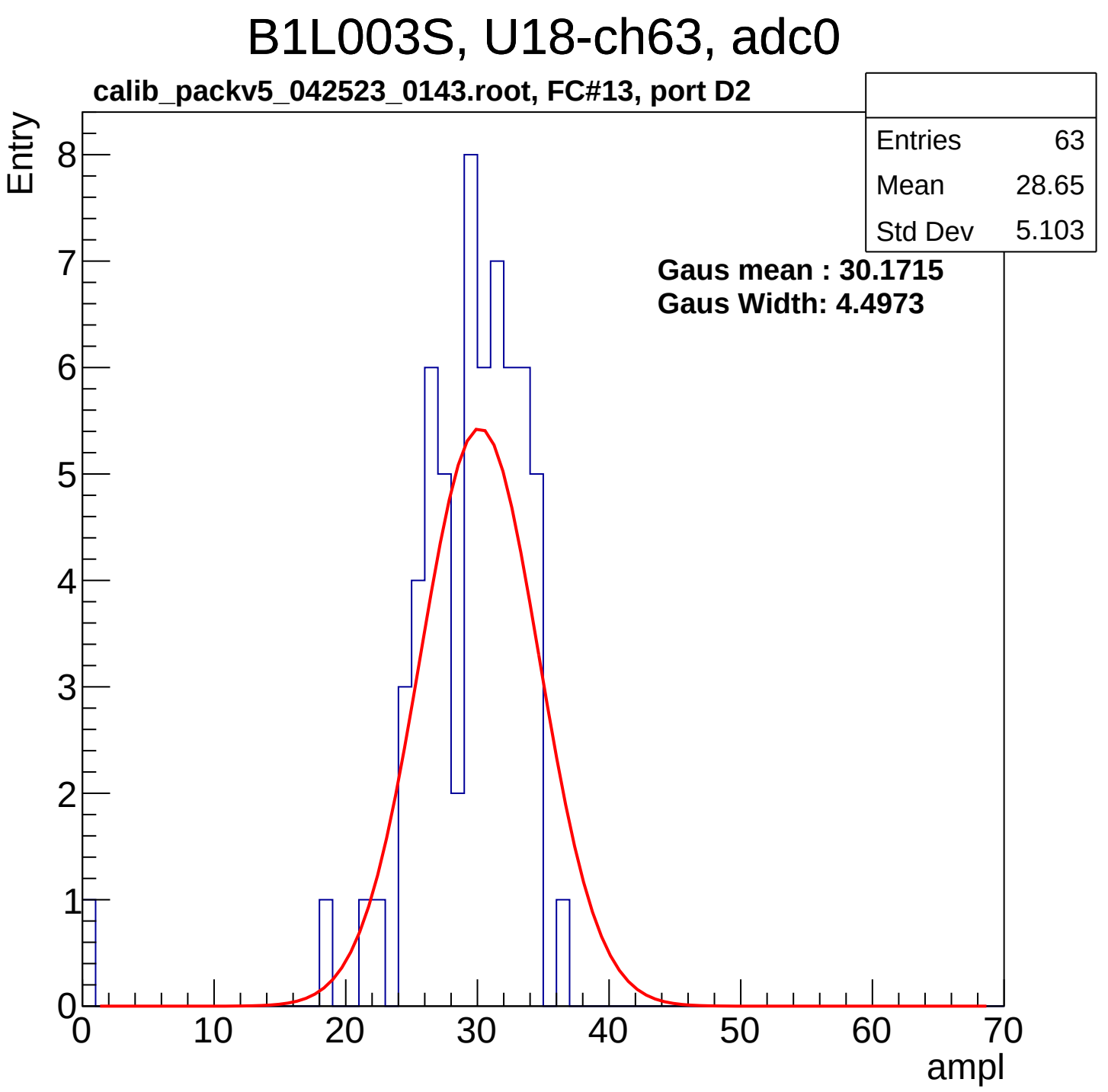

B1L003S, U18-ch62, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 47.58
Std Dev 3.076
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

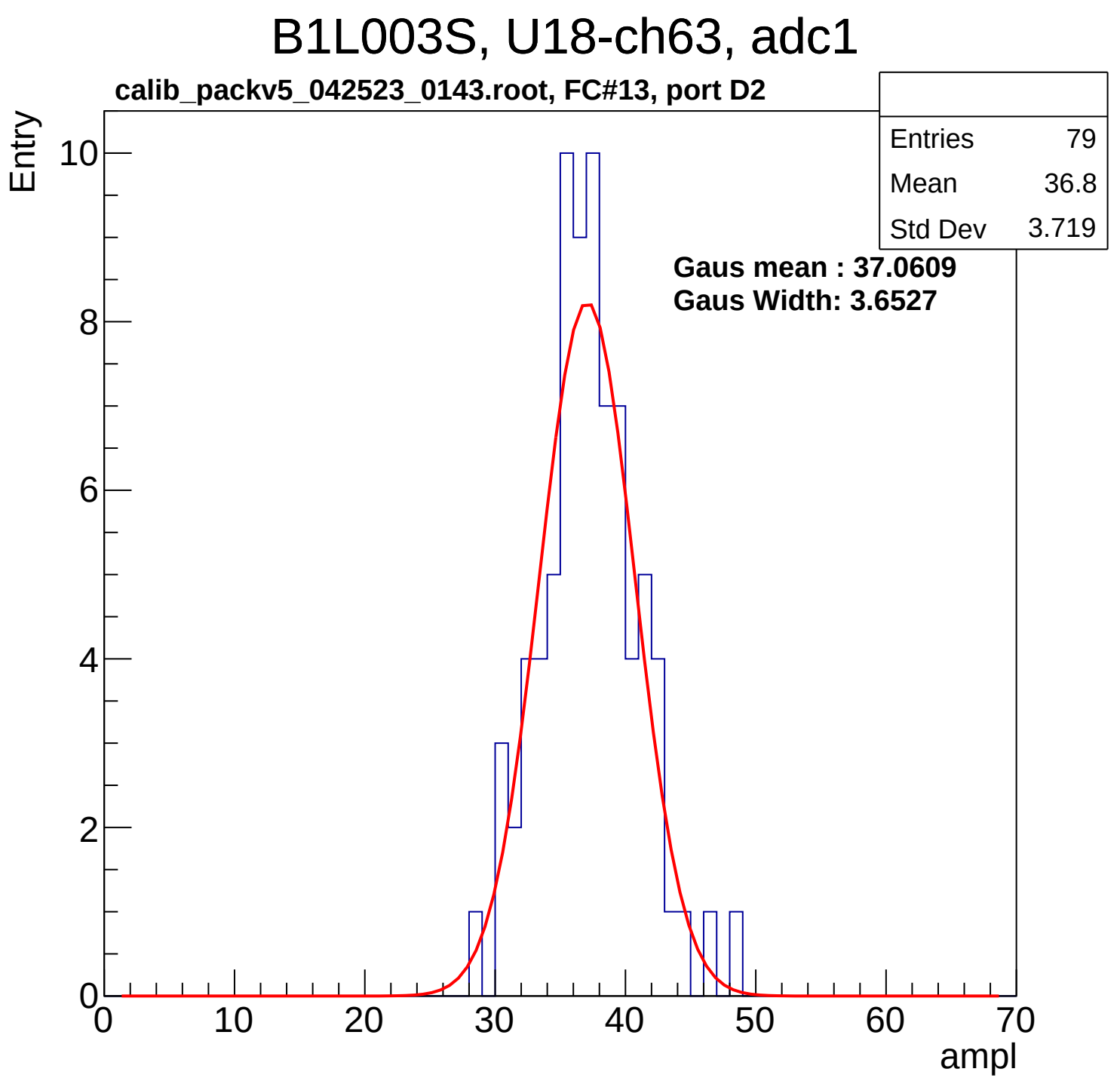

B1L003S, U18-ch62, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 52.96
Std Dev 3.554
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

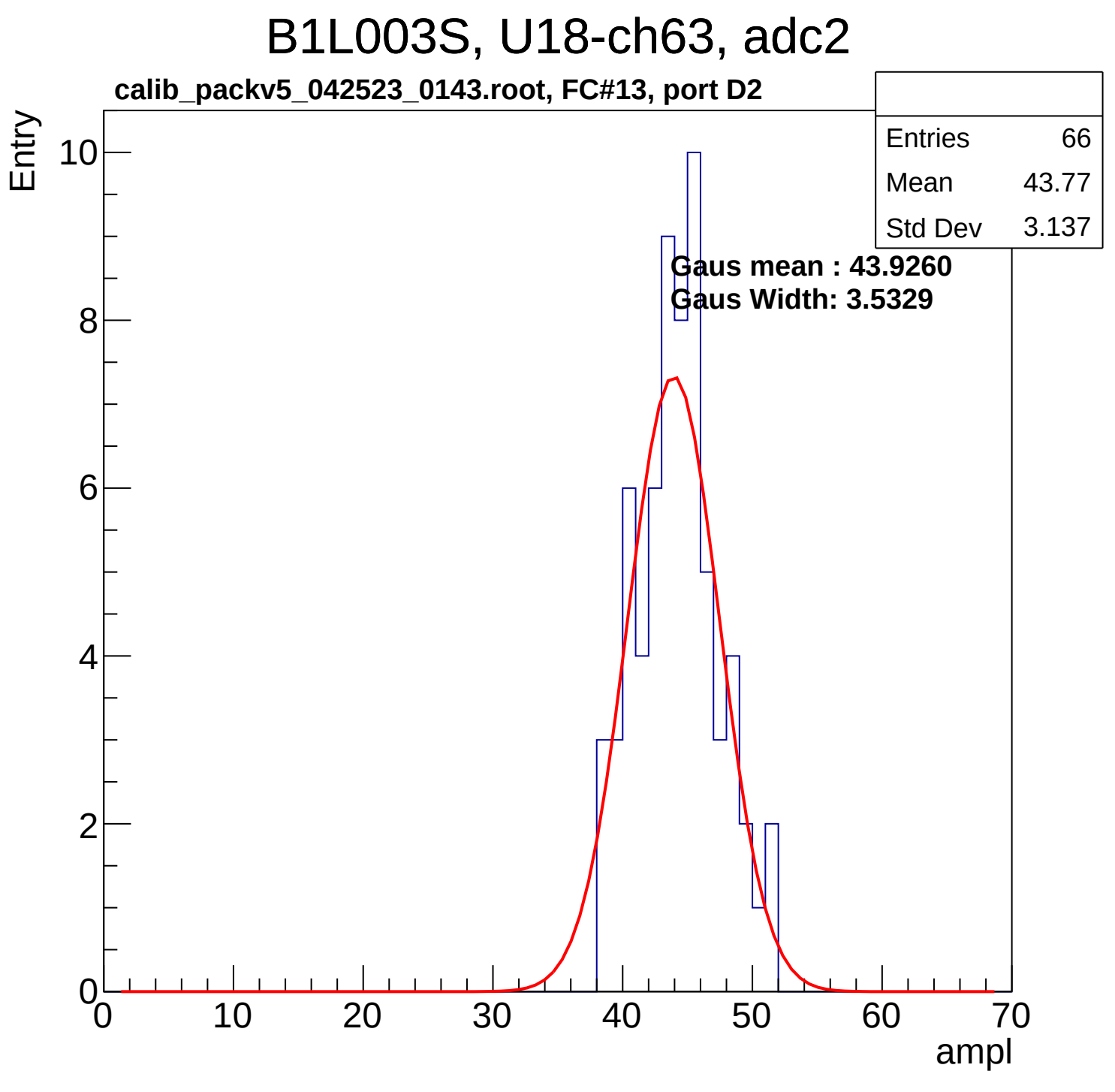

B1L003S, U18-ch62, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 58.32
Std Dev 3.21
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

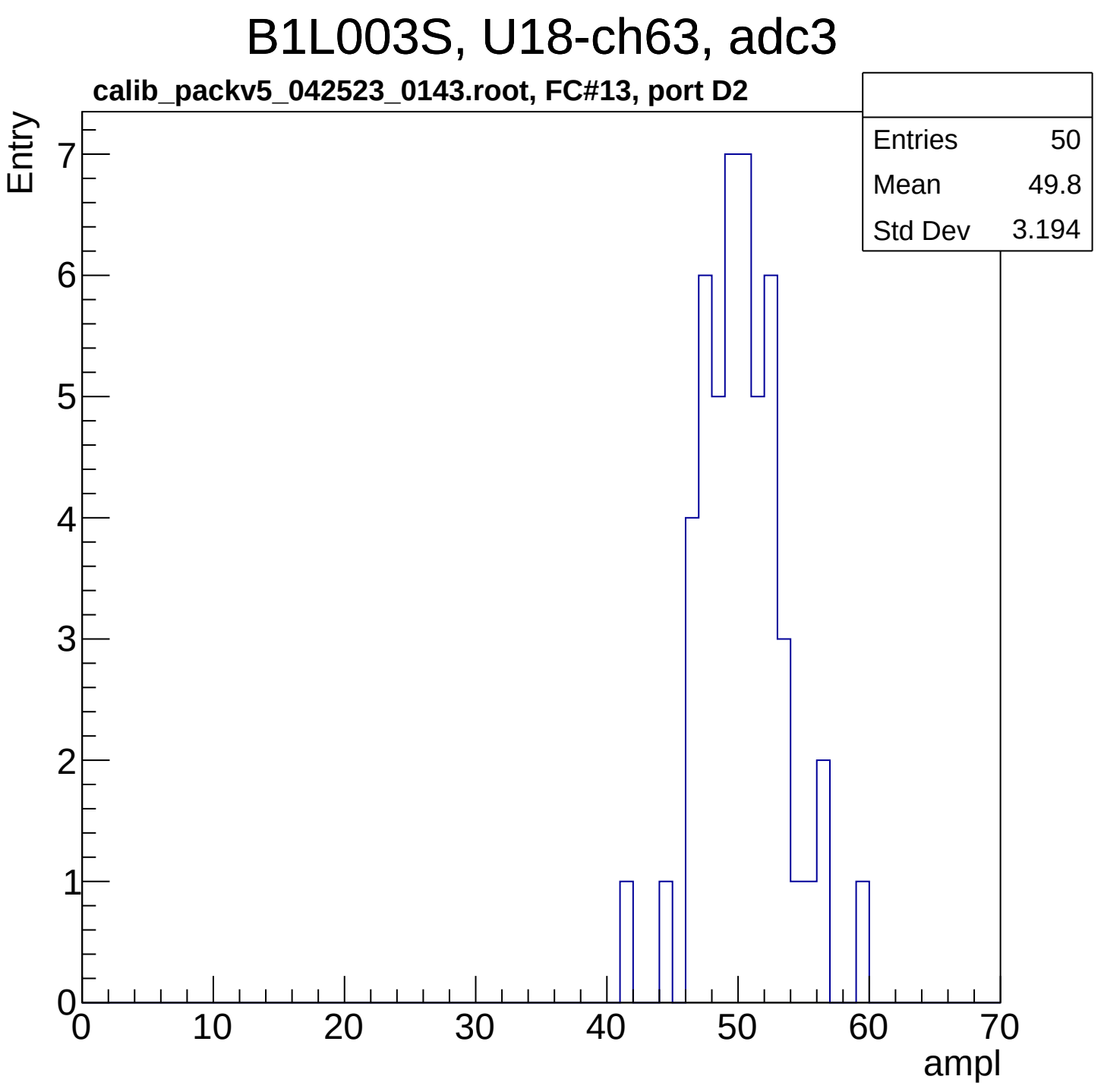

B1L003S, U18-ch62, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 56.77
Std Dev 16.42
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

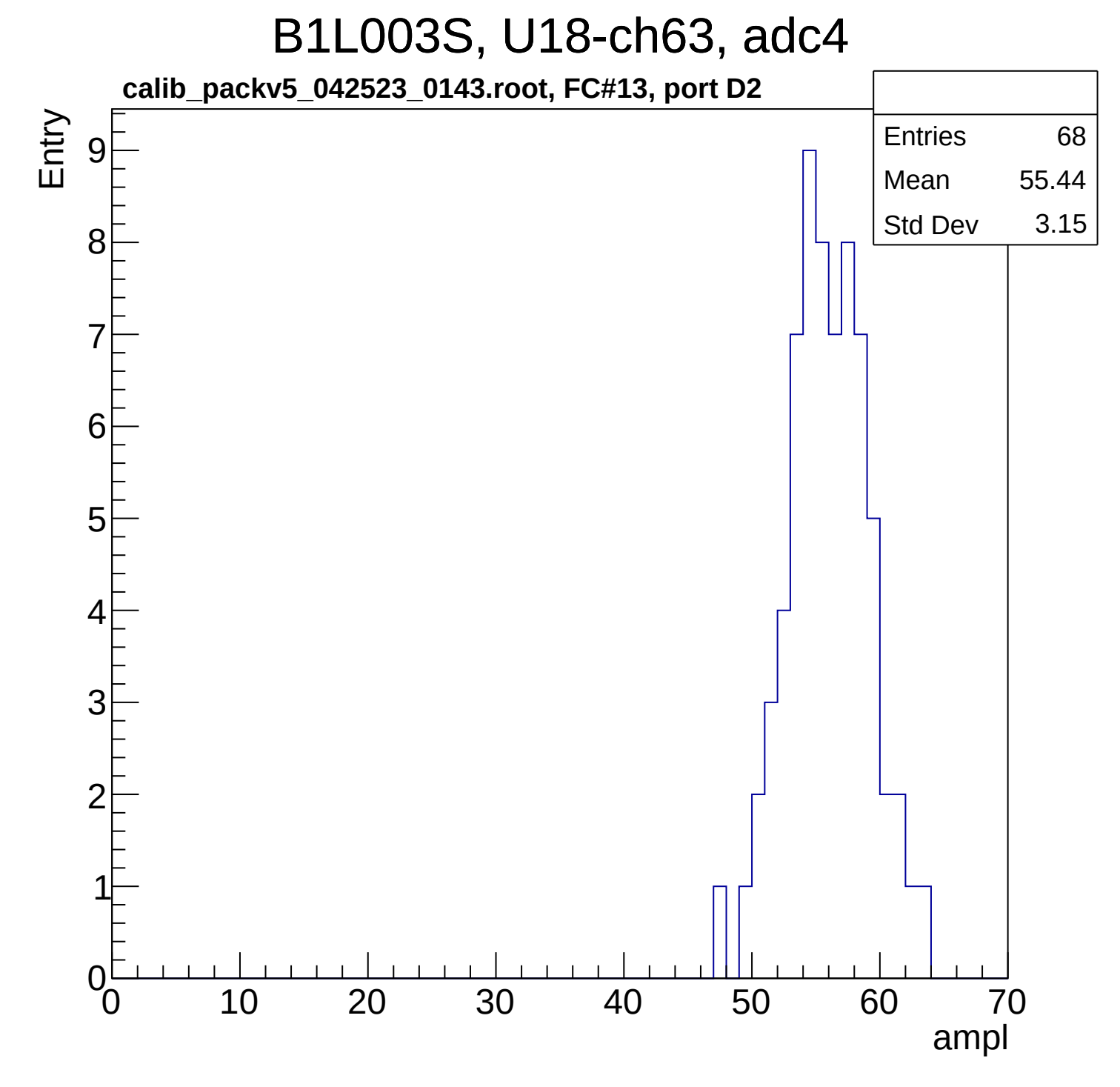

B1L003S, U18-ch62, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

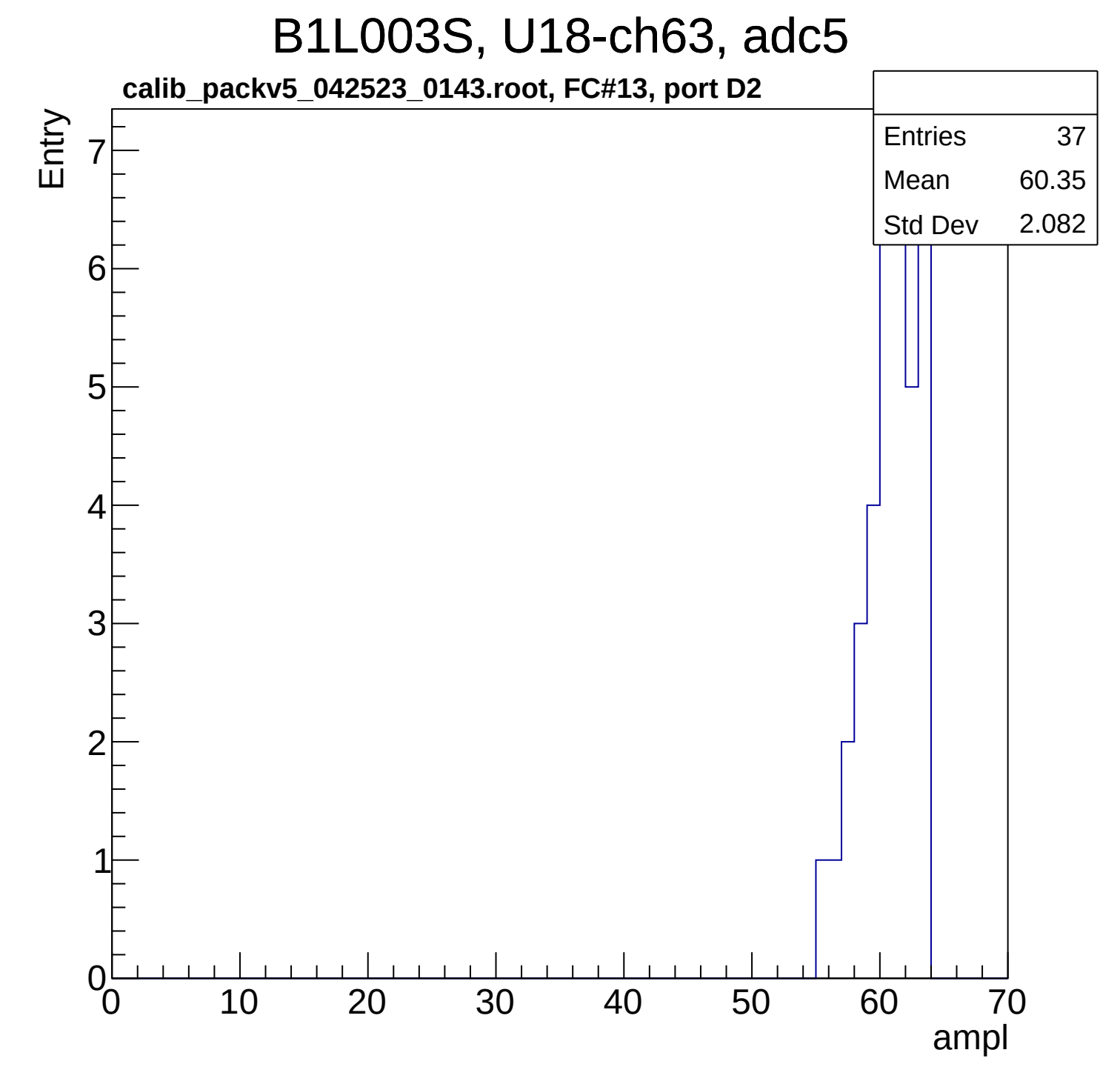

B1L003S, U18-ch63, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 28.65
Std Dev 5.103
Gaus mean : 30.1715
Gaus Width: 4.4973
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

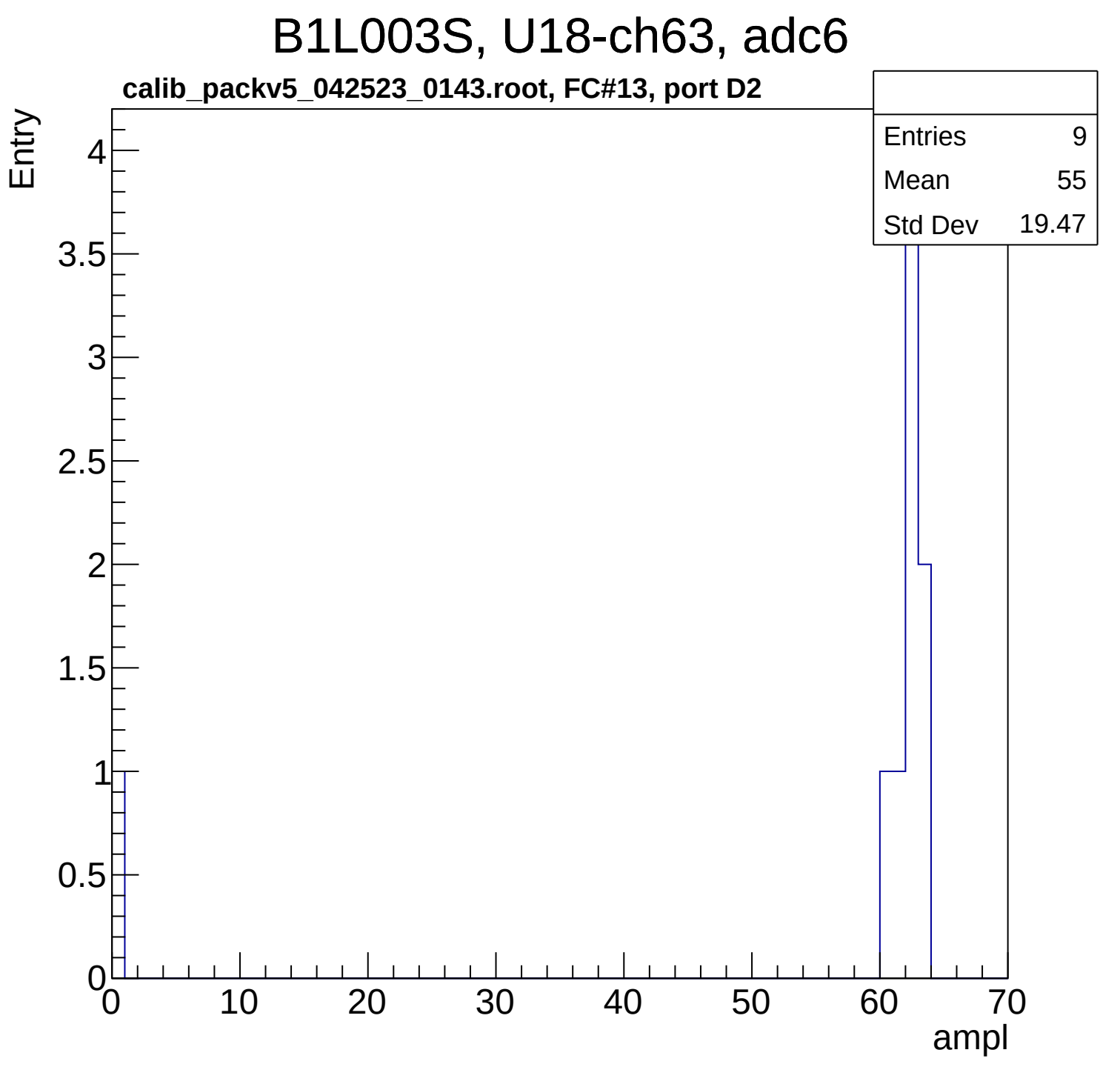

B1L003S, U18-ch63, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 36.8
Std Dev 3.719
Gaus mean : 37.0609
Gaus Width: 3.6527
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

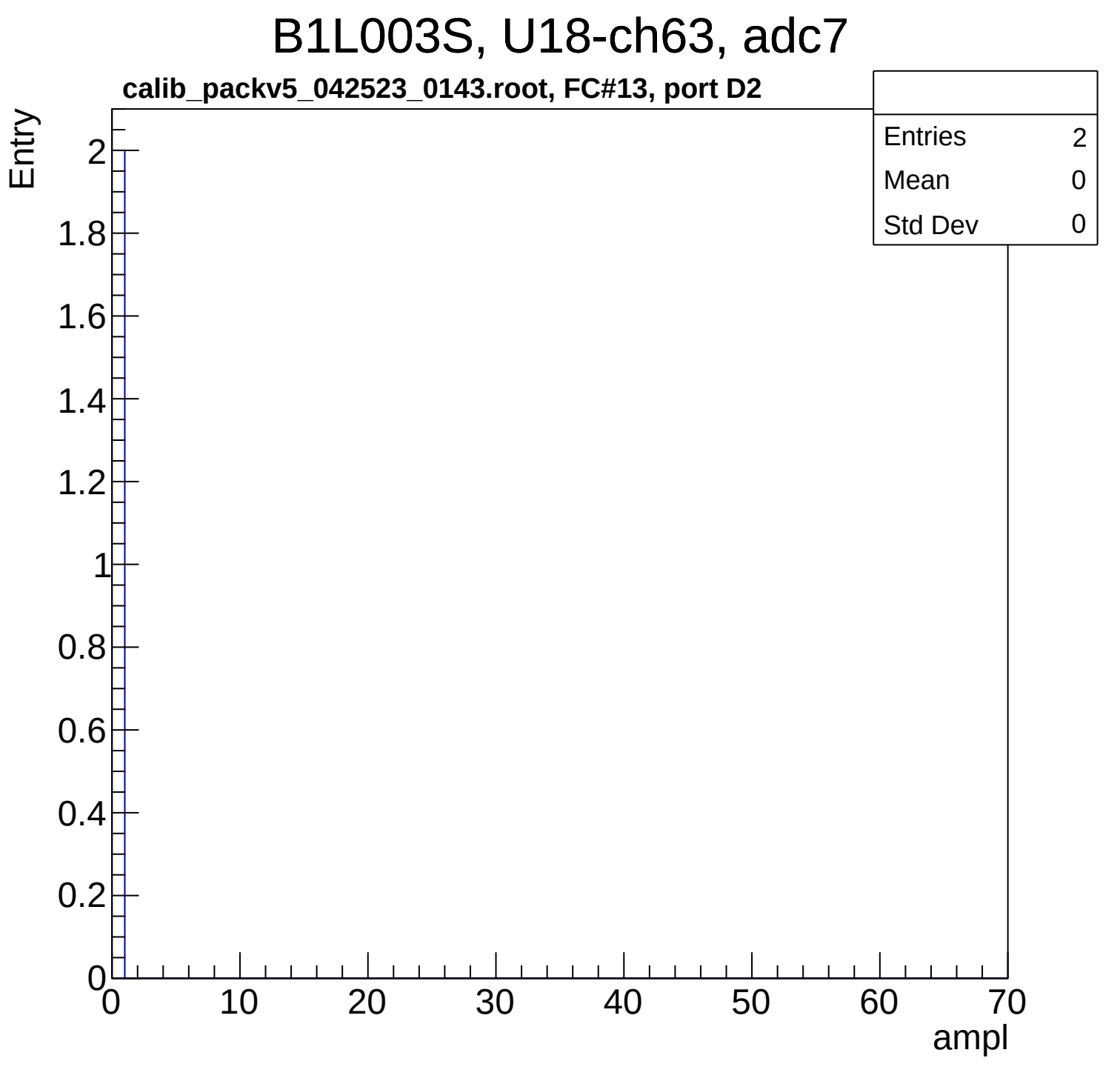

B1L003S, U18-ch63, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 43.77
Std Dev 3.137
Gaus mean : 43.9260
Gaus Width: 3.5329
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

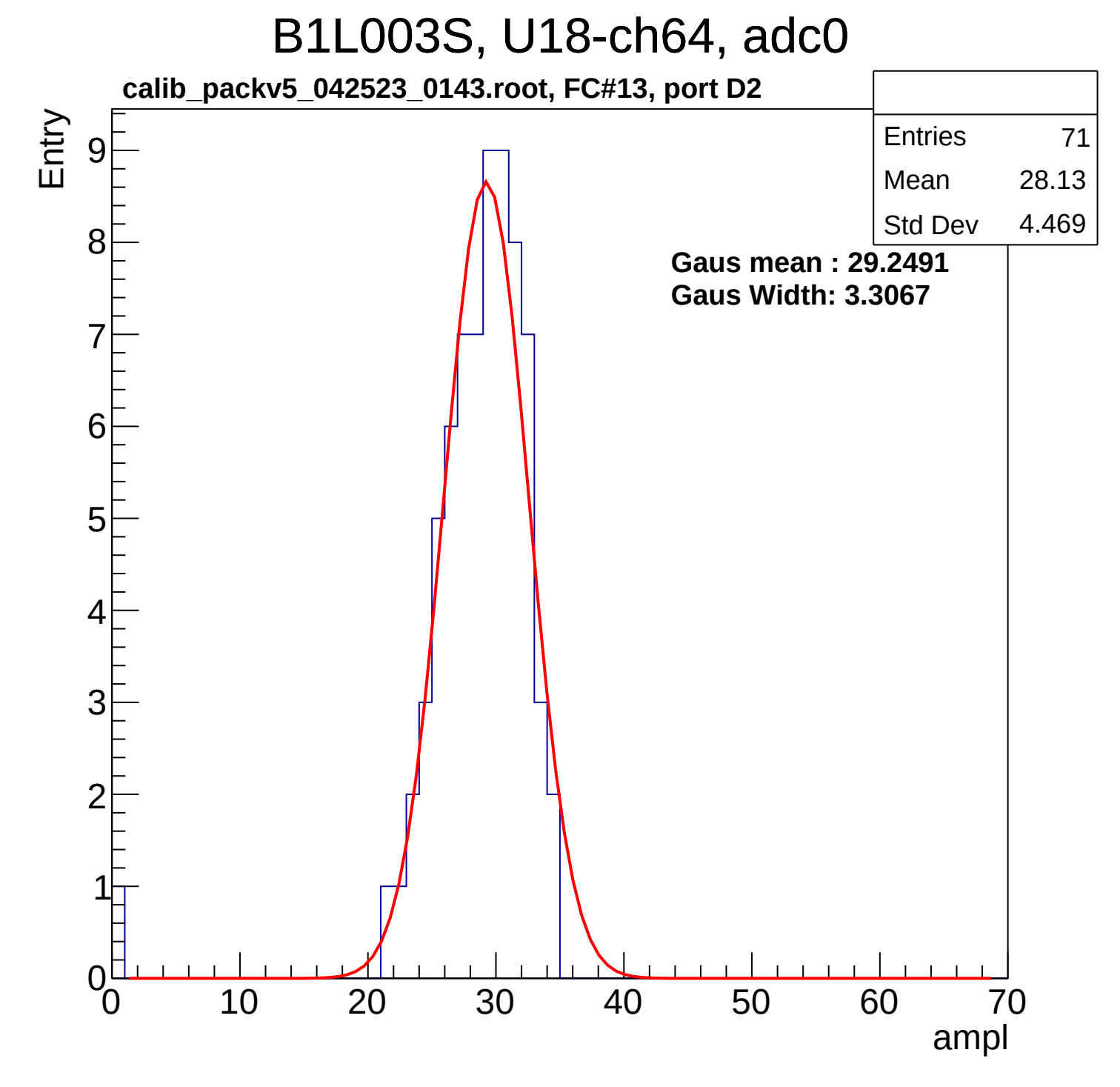

B1L003S, U18-ch63, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 49.8
Std Dev 3.194
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

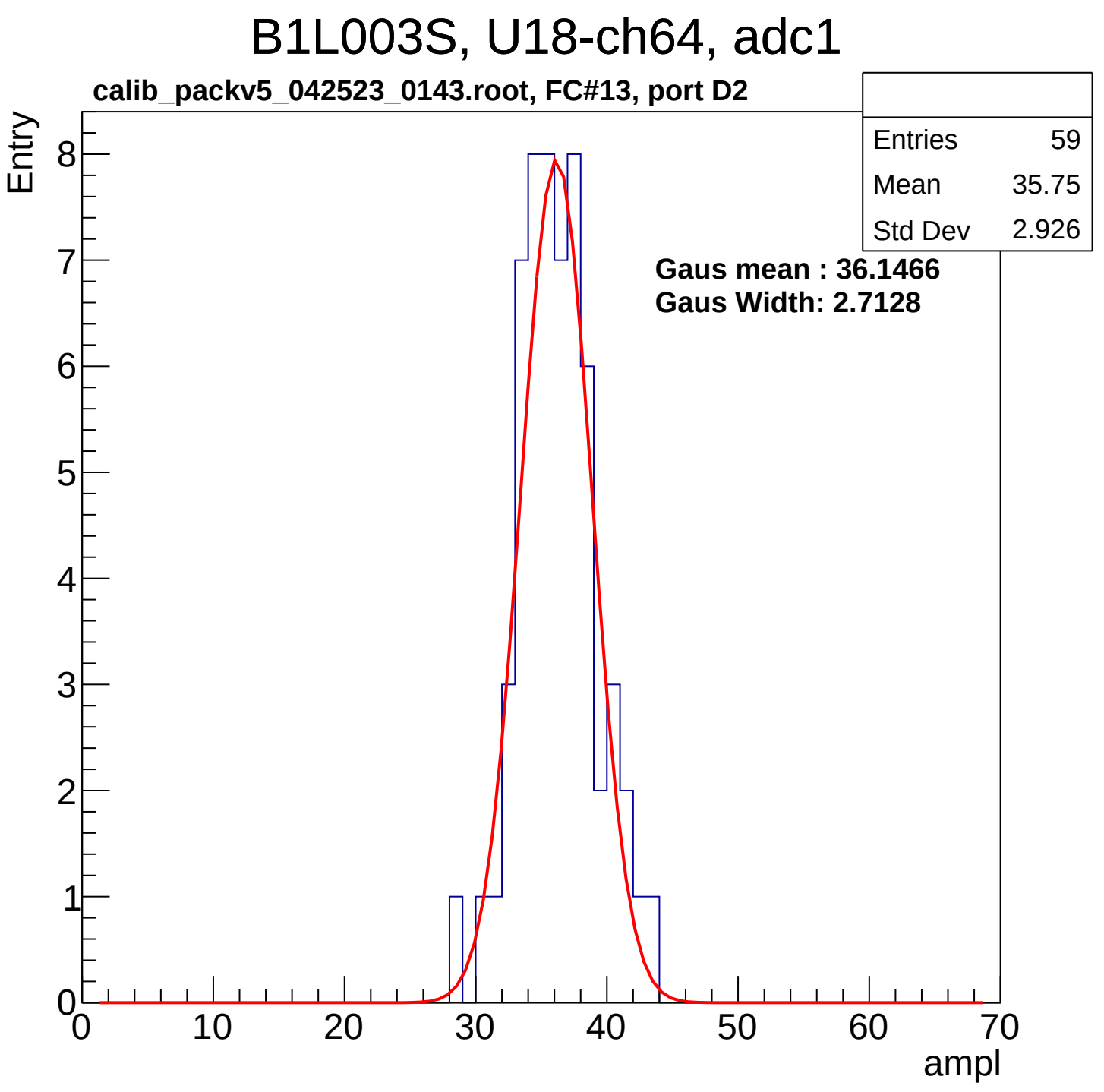

B1L003S, U18-ch63, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 55.44
Std Dev 3.15
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

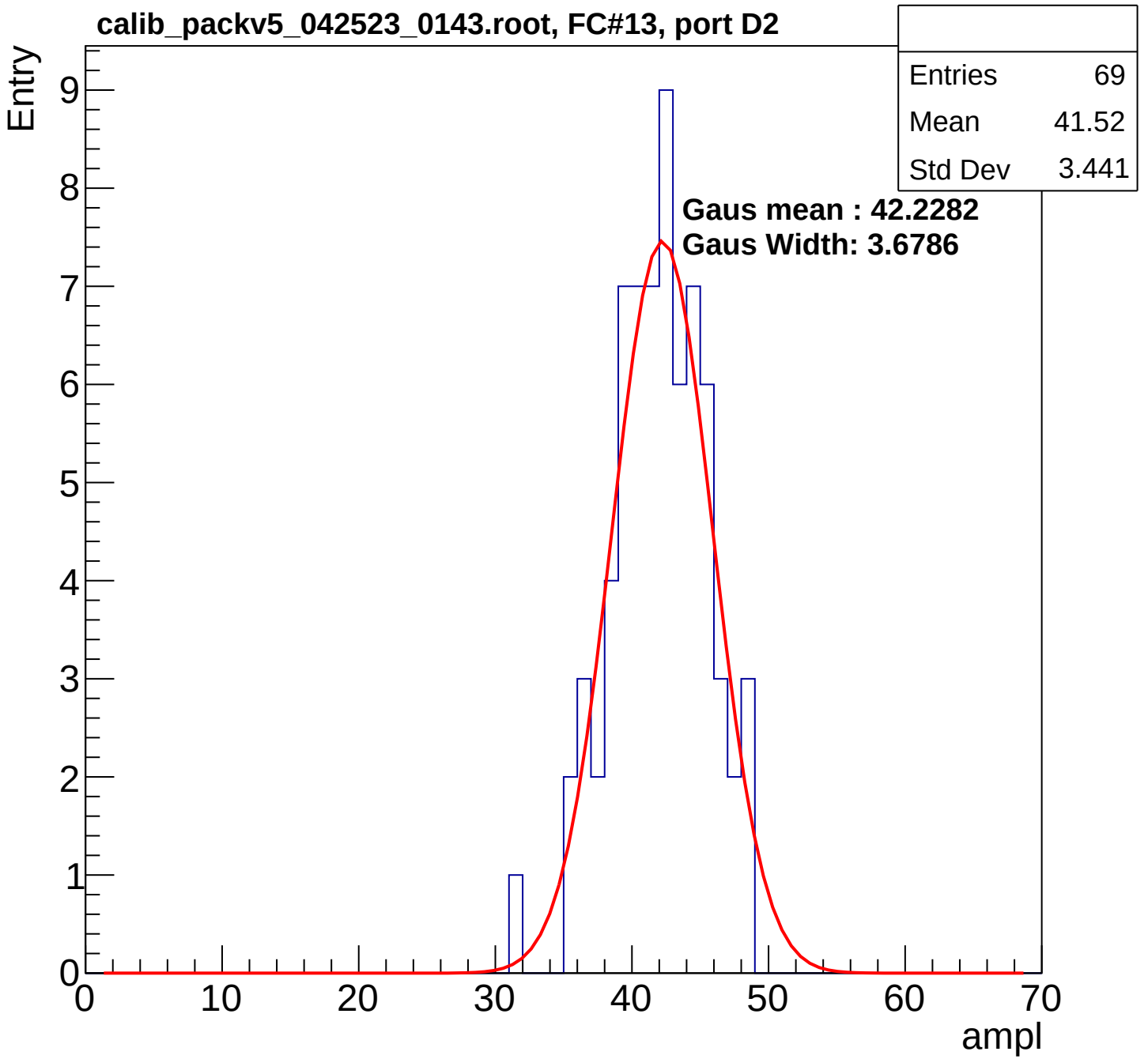

B1L003S, U18-ch63, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 60.35
Std Dev 2.082
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

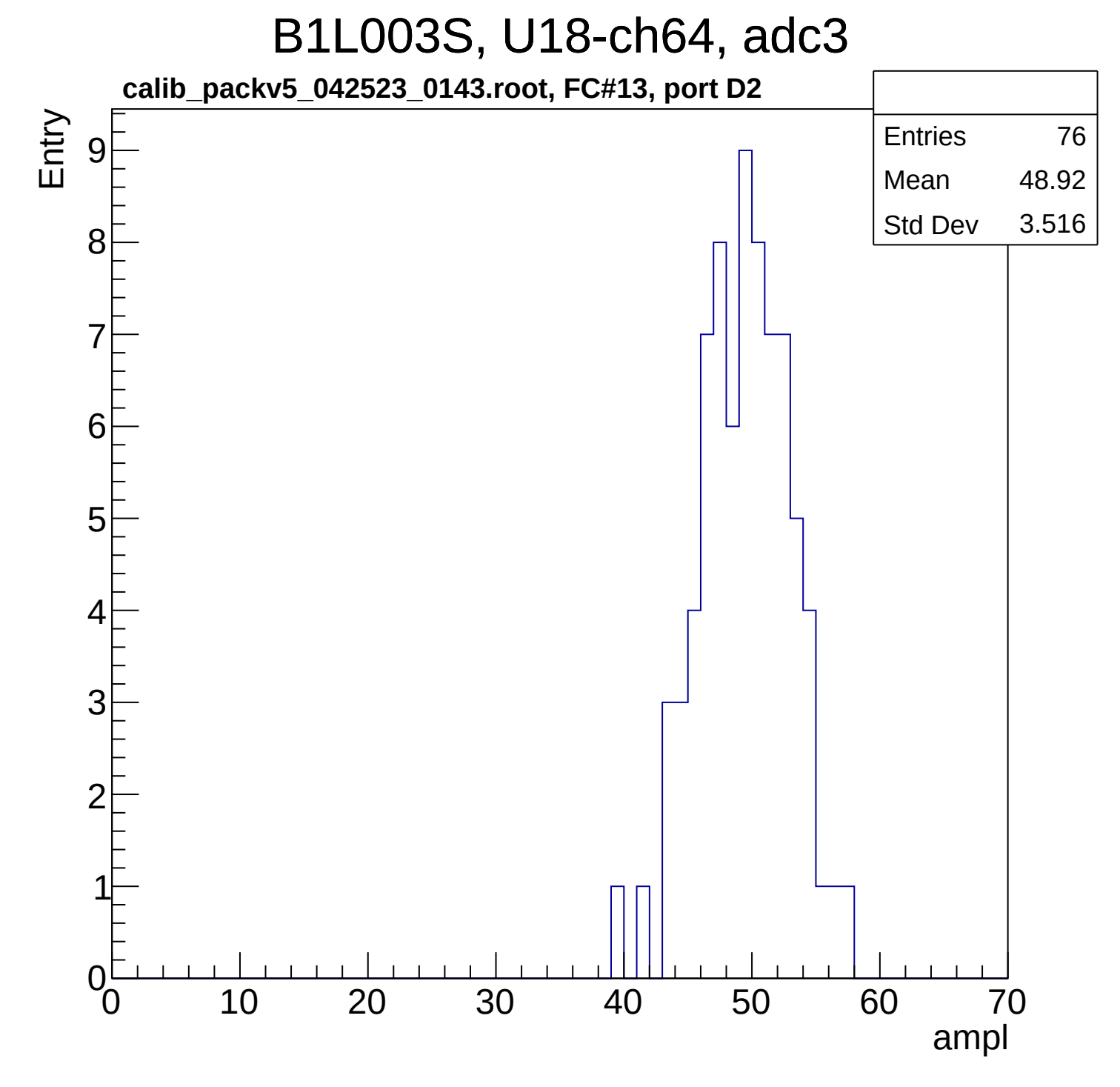

B1L003S, U18-ch63, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 55
Std Dev 19.47
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

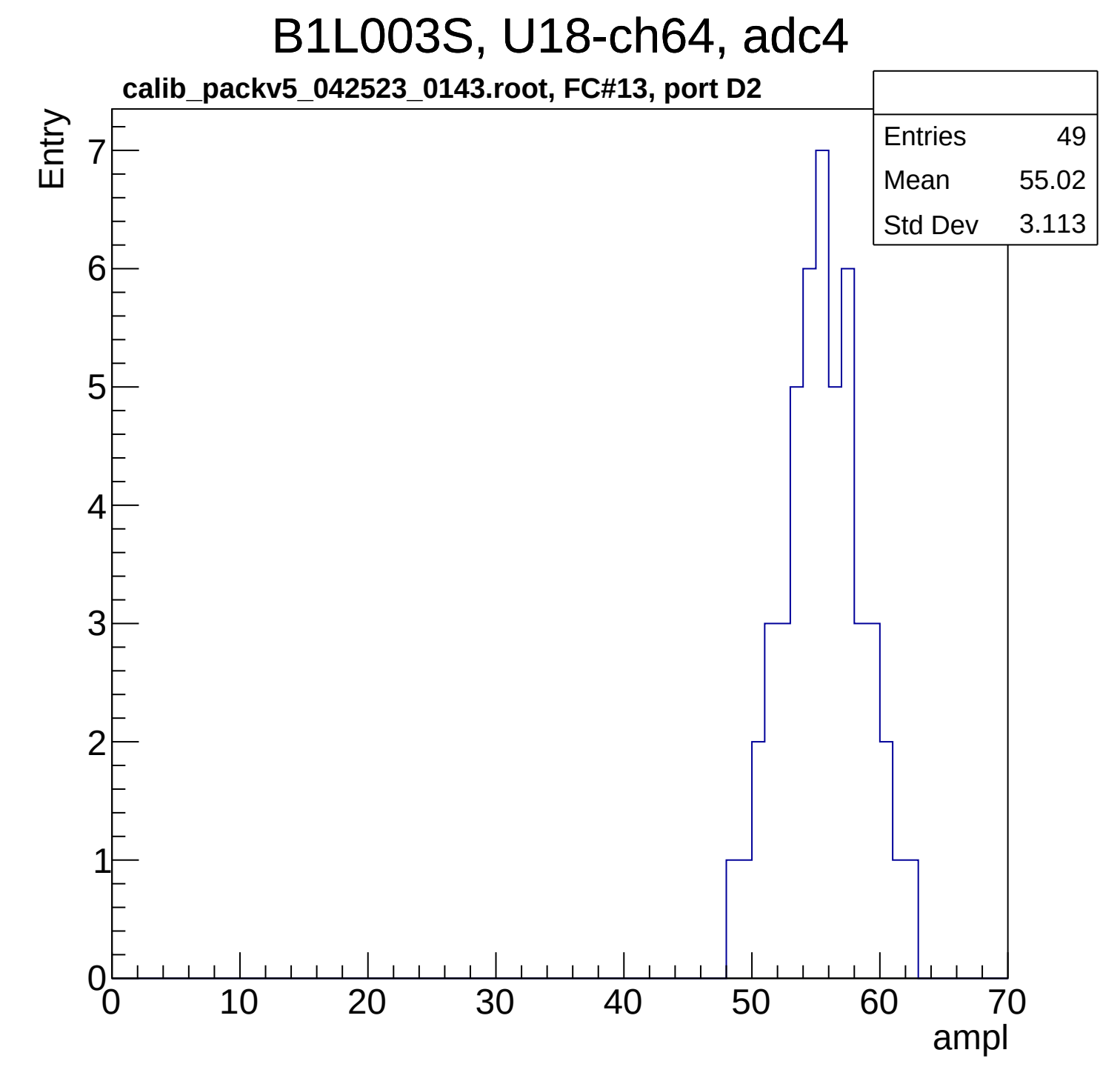

B1L003S, U18-ch63, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

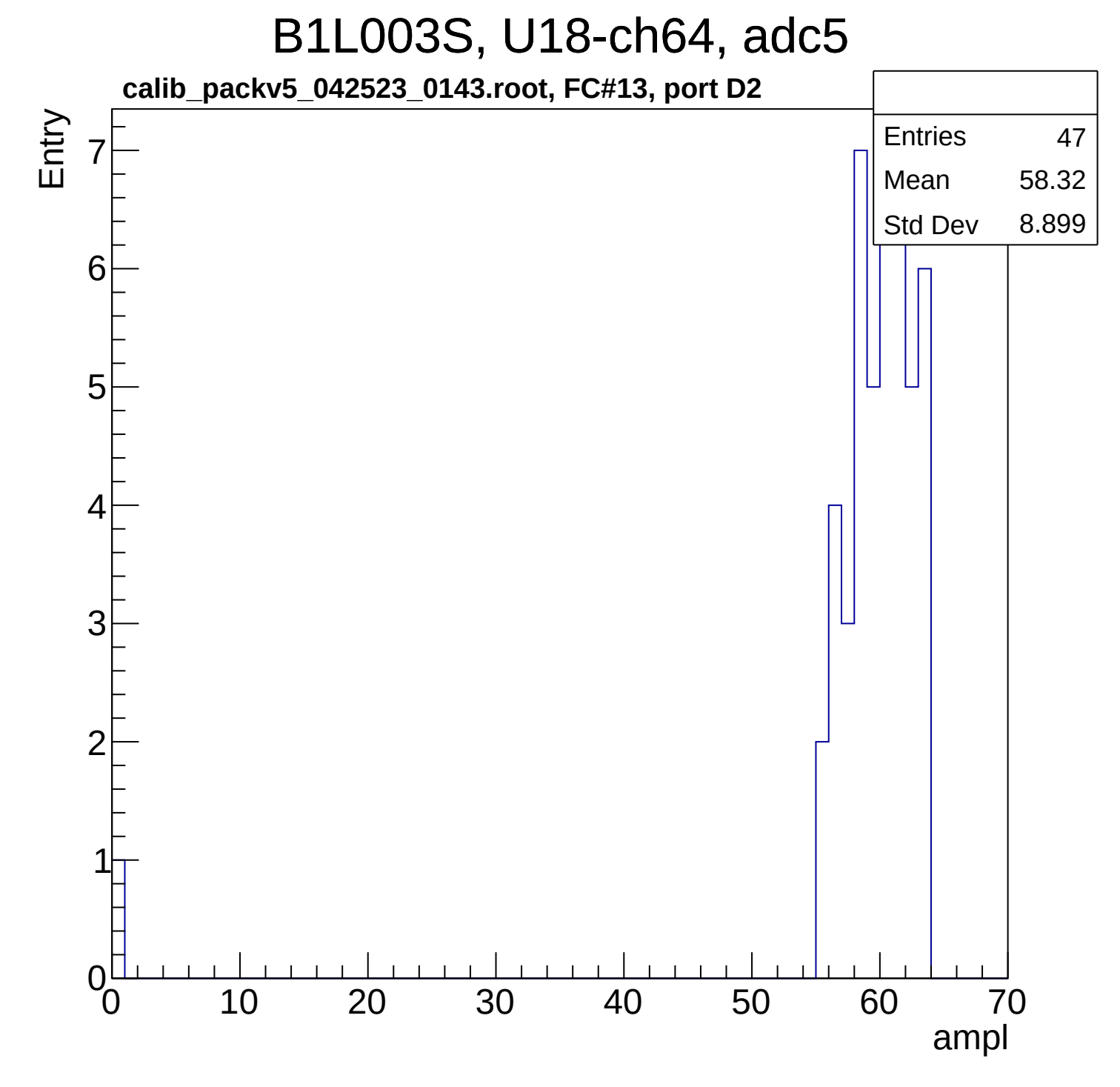

B1L003S, U18-ch64, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 28.13
Std Dev 4.469
Gaus mean : 29.2491
Gaus Width: 3.3067
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

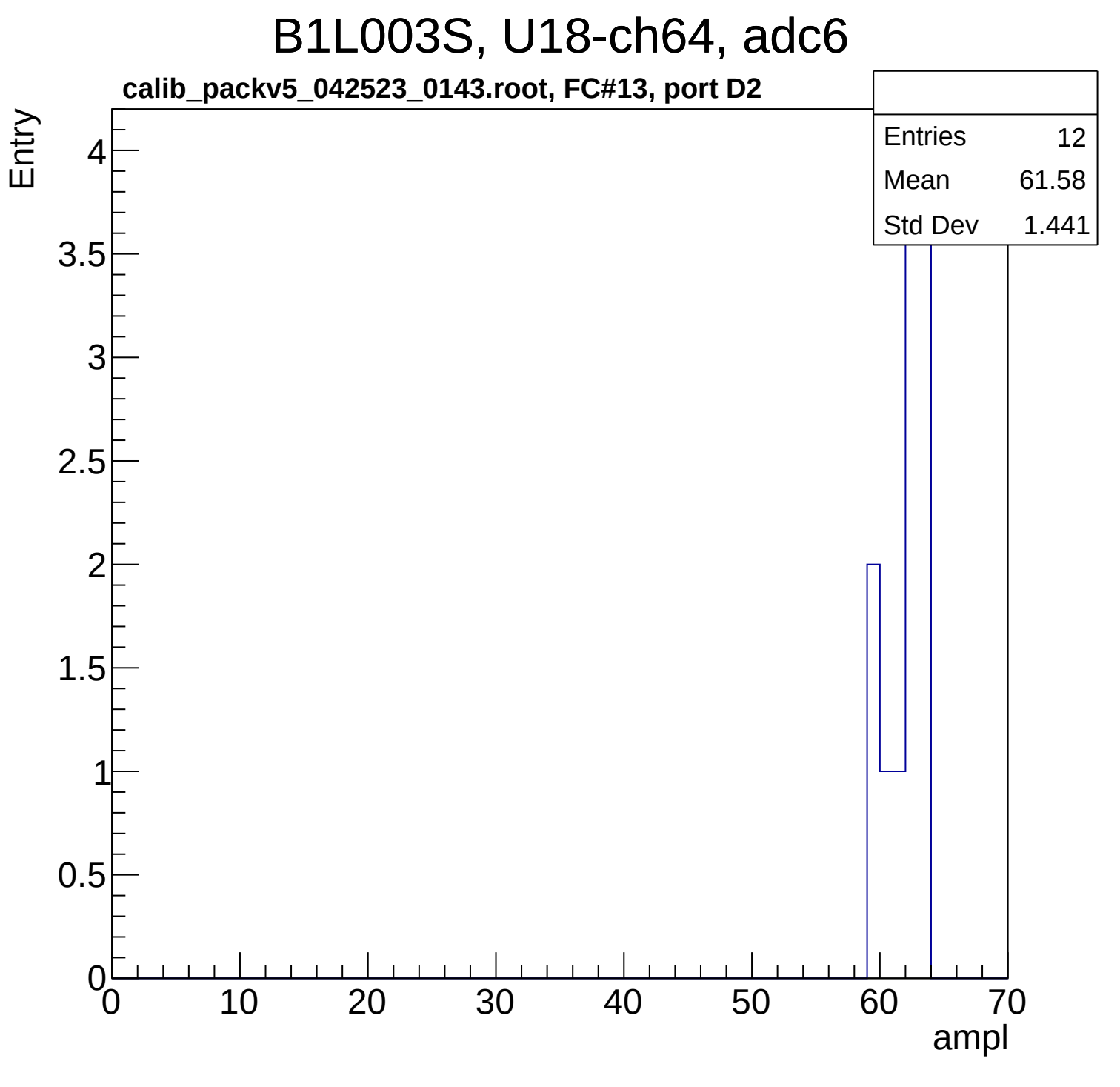

B1L003S, U18-ch64, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 35.75
Std Dev 2.926
Gaus mean : 36.1466
Gaus Width: 2.7128
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

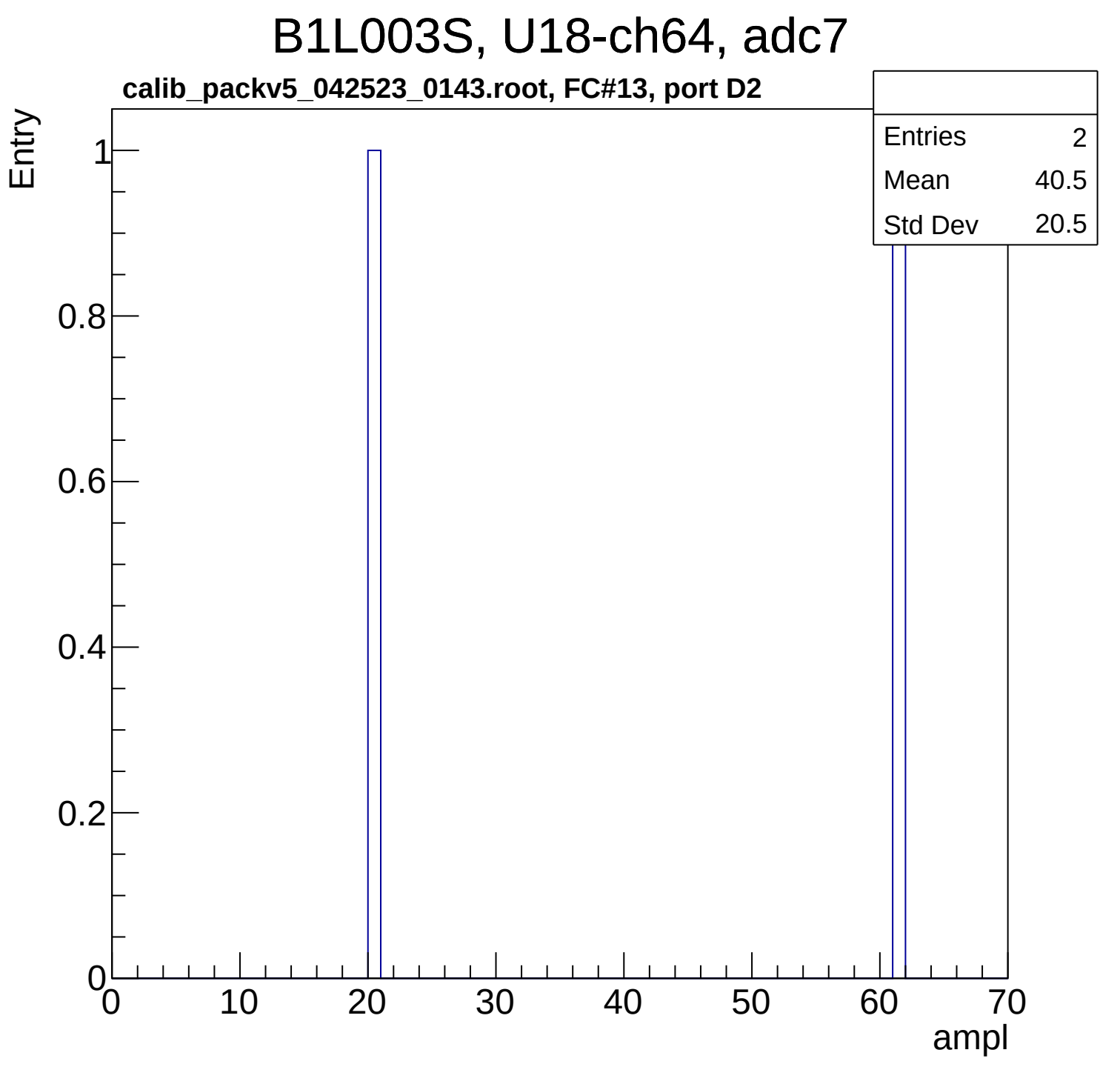

B1L003S, U18-ch64, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 41.52
Std Dev 3.441
Gaus mean : 42.2282
Gaus Width: 3.6786
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

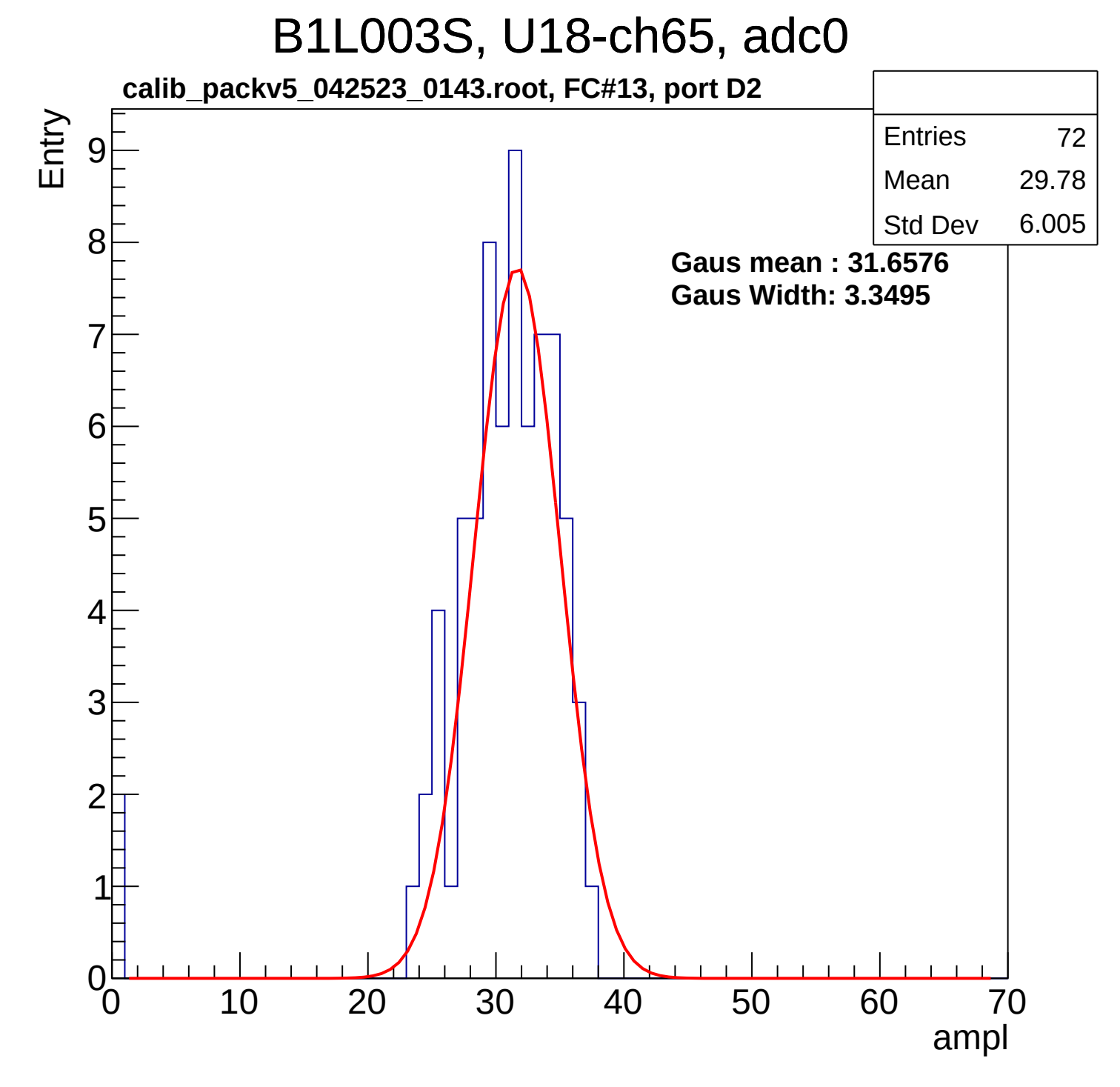

B1L003S, U18-ch64, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 48.92
Std Dev 3.516
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

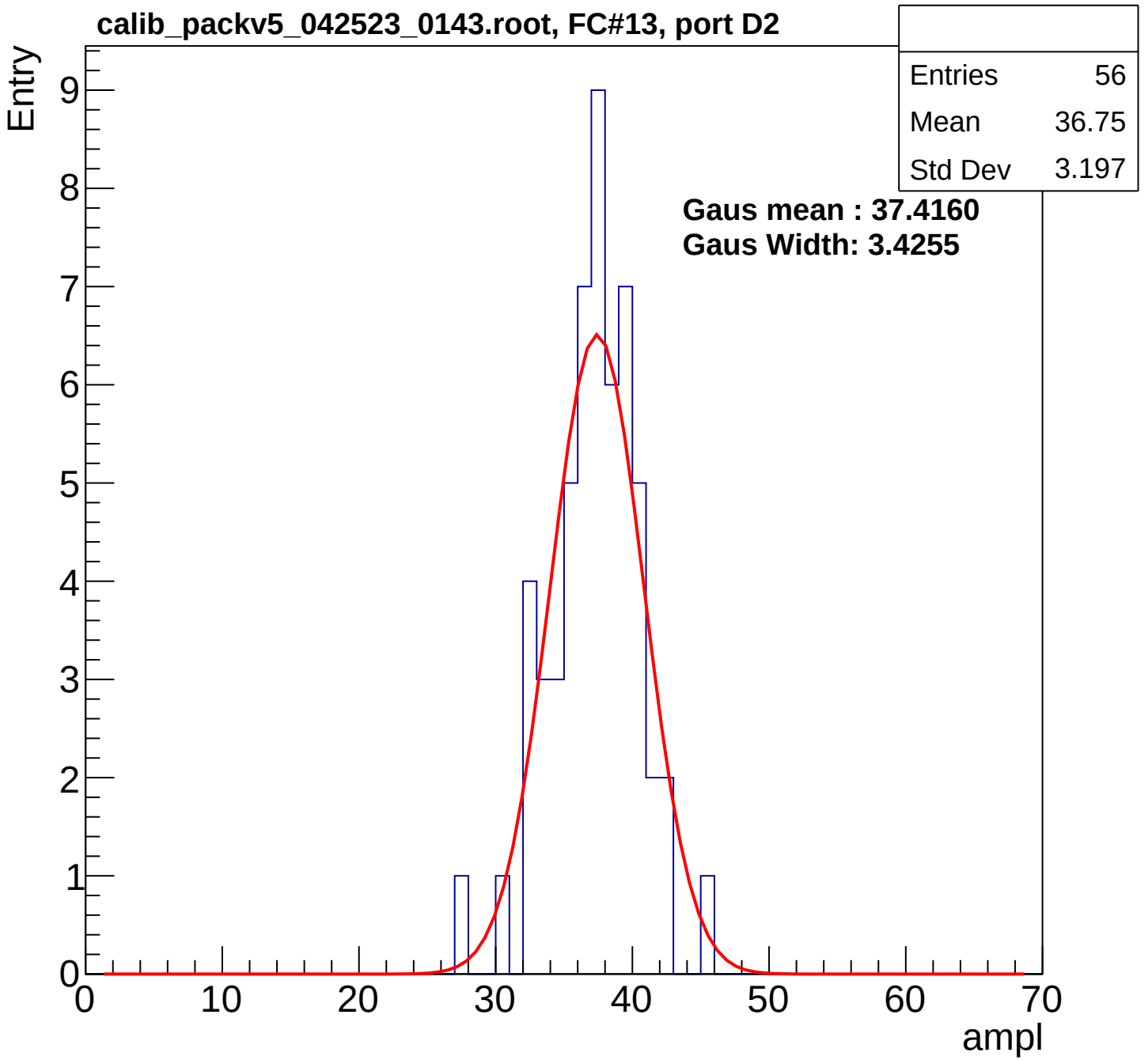

B1L003S, U18-ch64, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 55.02
Std Dev 3.113
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

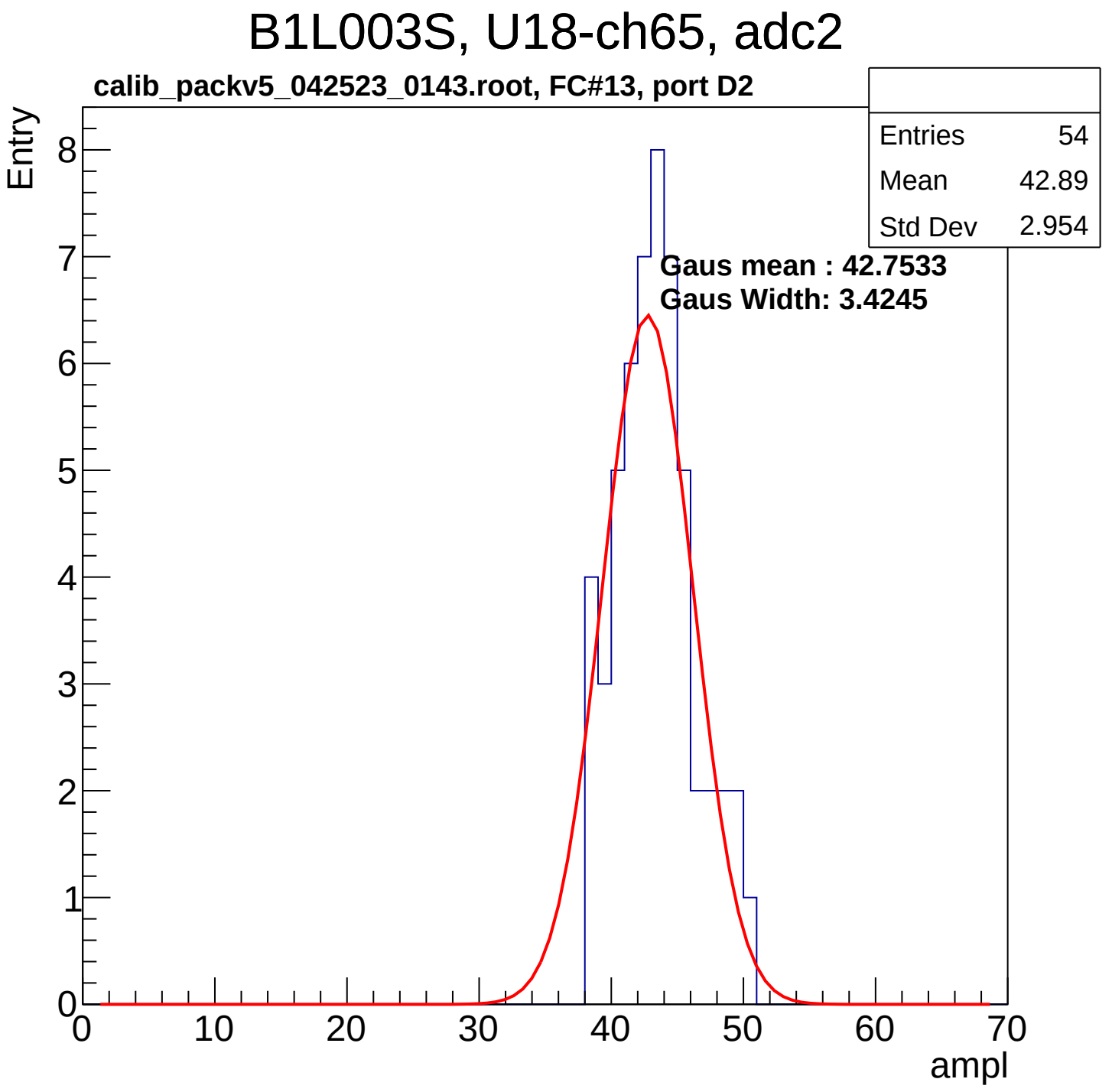

B1L003S, U18-ch64, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.32
Std Dev 8.899
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

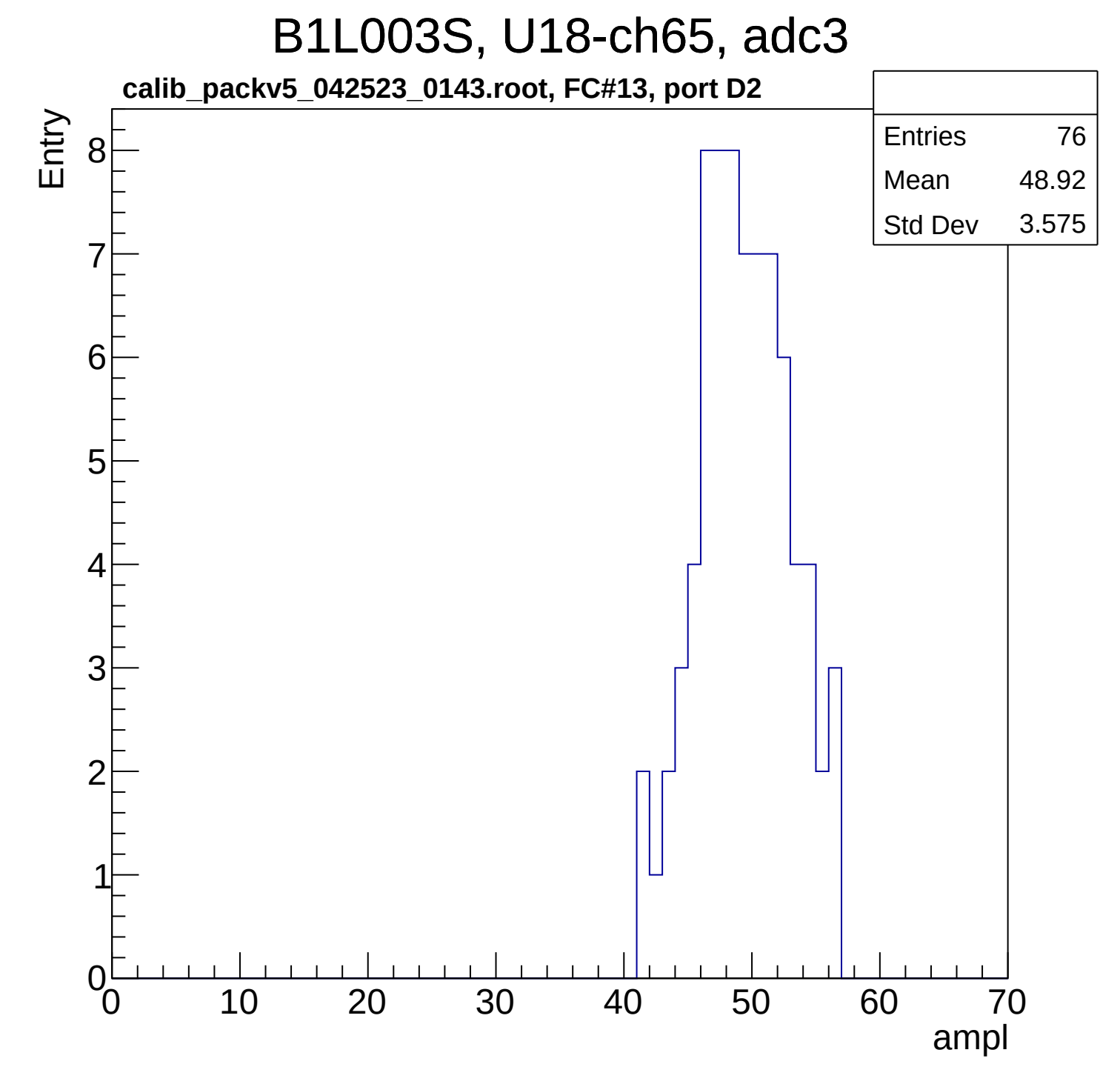

B1L003S, U18-ch64, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 61.58
Std Dev 1.441
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

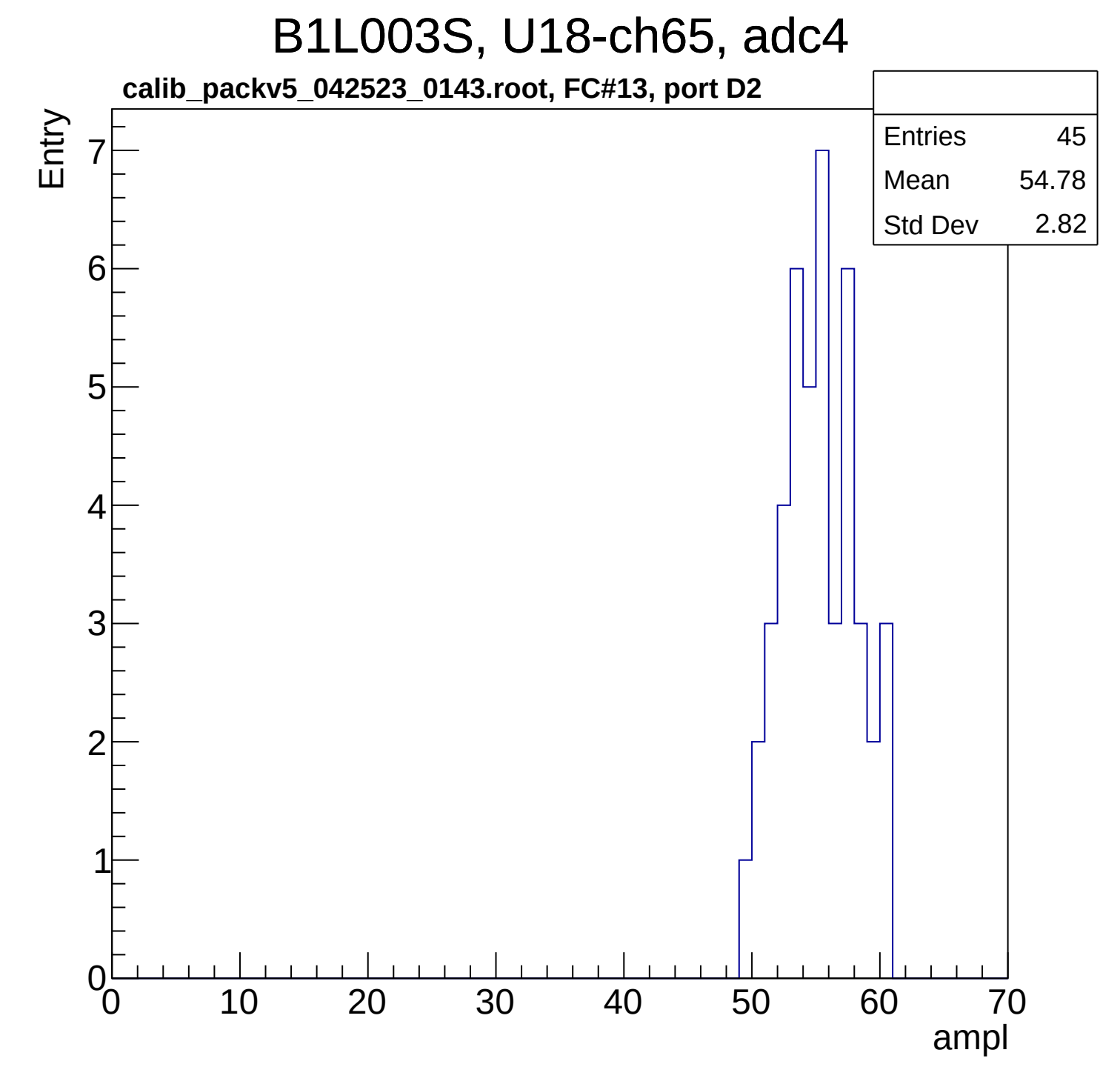

B1L003S, U18-ch64, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 40.5
Std Dev 20.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

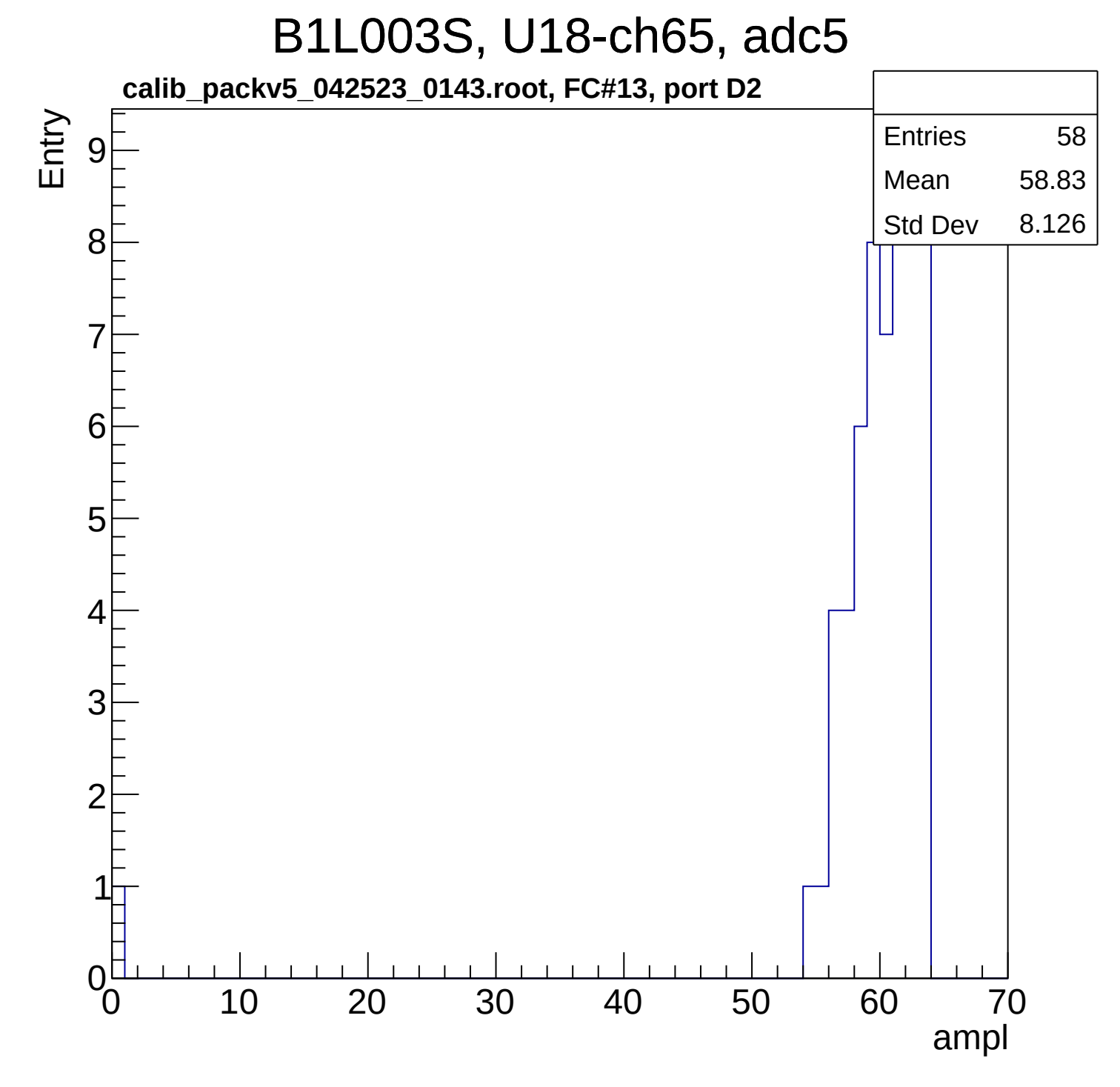

B1L003S, U18-ch65, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 29.78
Std Dev 6.005
Gaus mean : 31.6576
Gaus Width: 3.3495
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

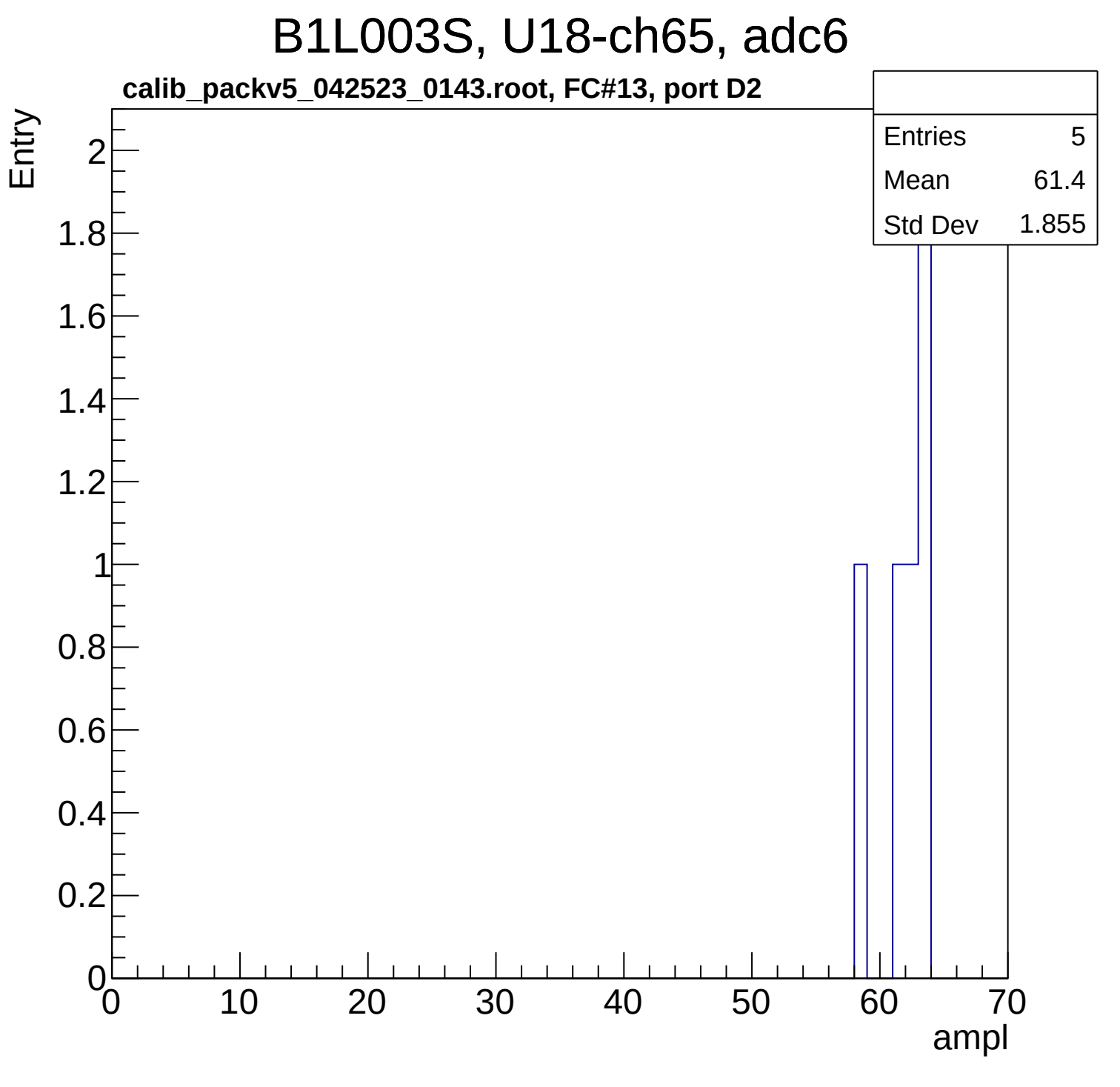

B1L003S, U18-ch65, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 36.75
Std Dev 3.197
Gaus mean : 37.4160
Gaus Width: 3.4255
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

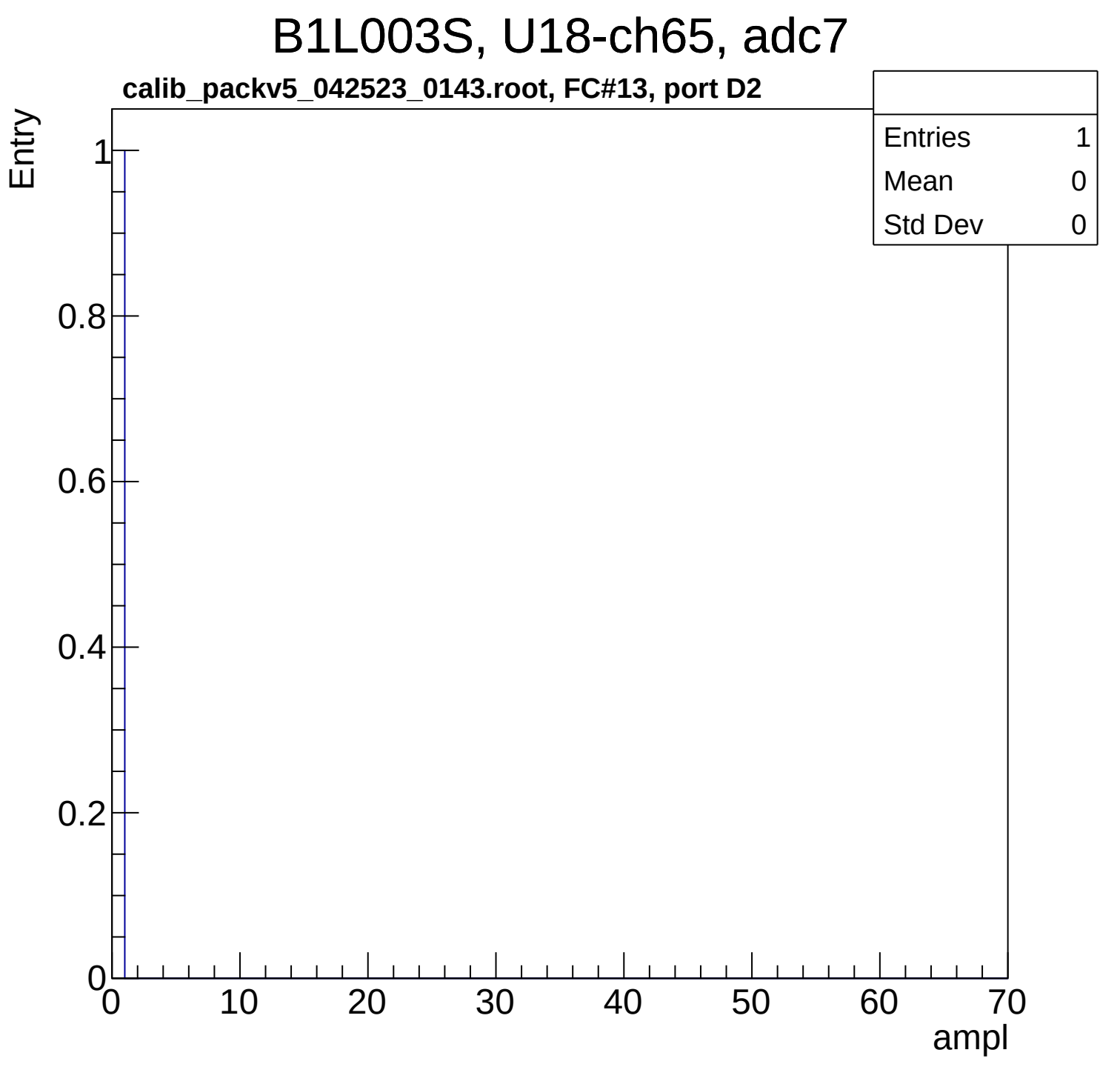

B1L003S, U18-ch65, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 42.89
Std Dev 2.954
Gaus mean : 42.7533
Gaus Width: 3.4245
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

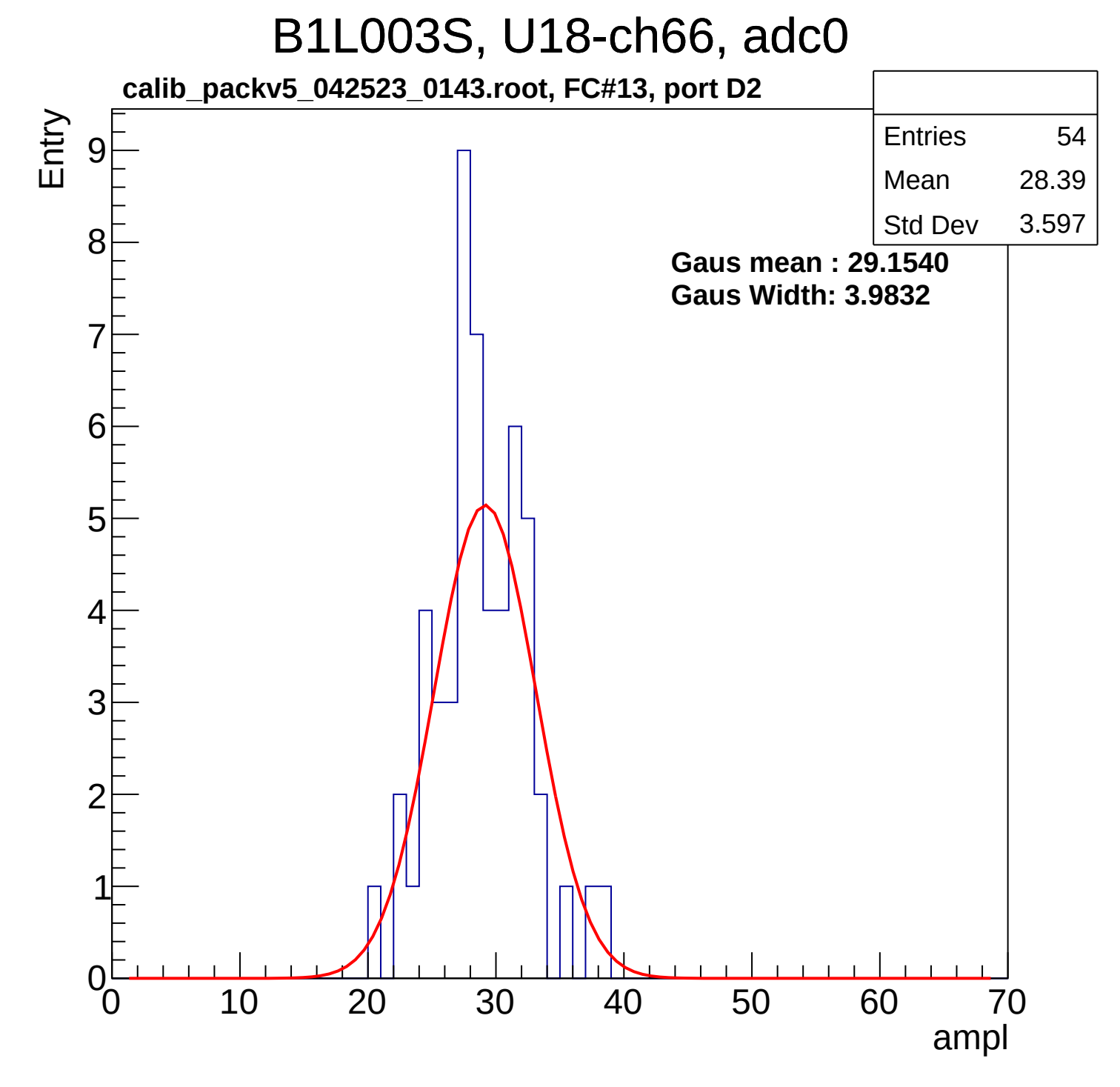

B1L003S, U18-ch65, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 48.92
Std Dev 3.575
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

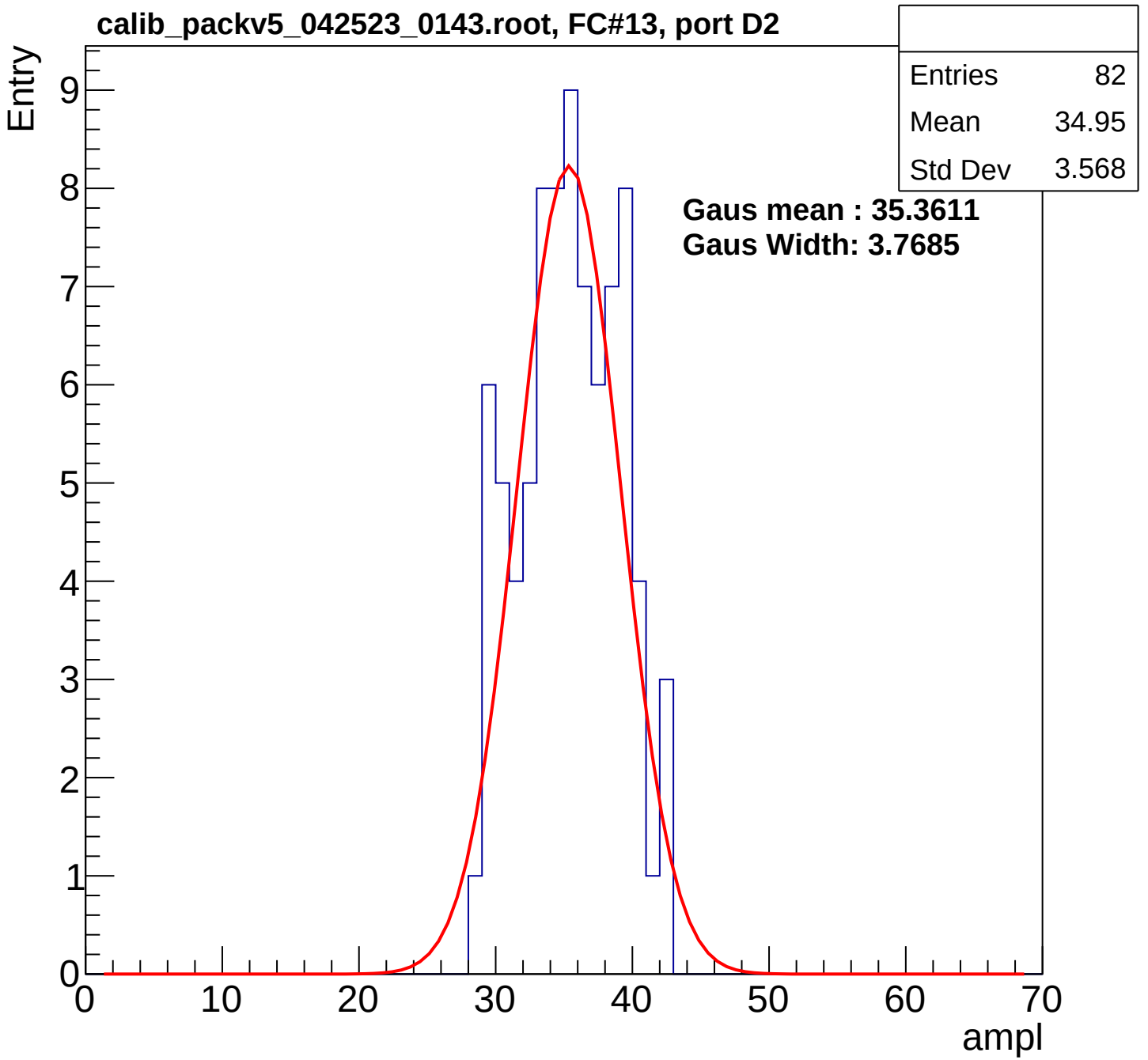

B1L003S, U18-ch65, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 54.78
Std Dev 2.82
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

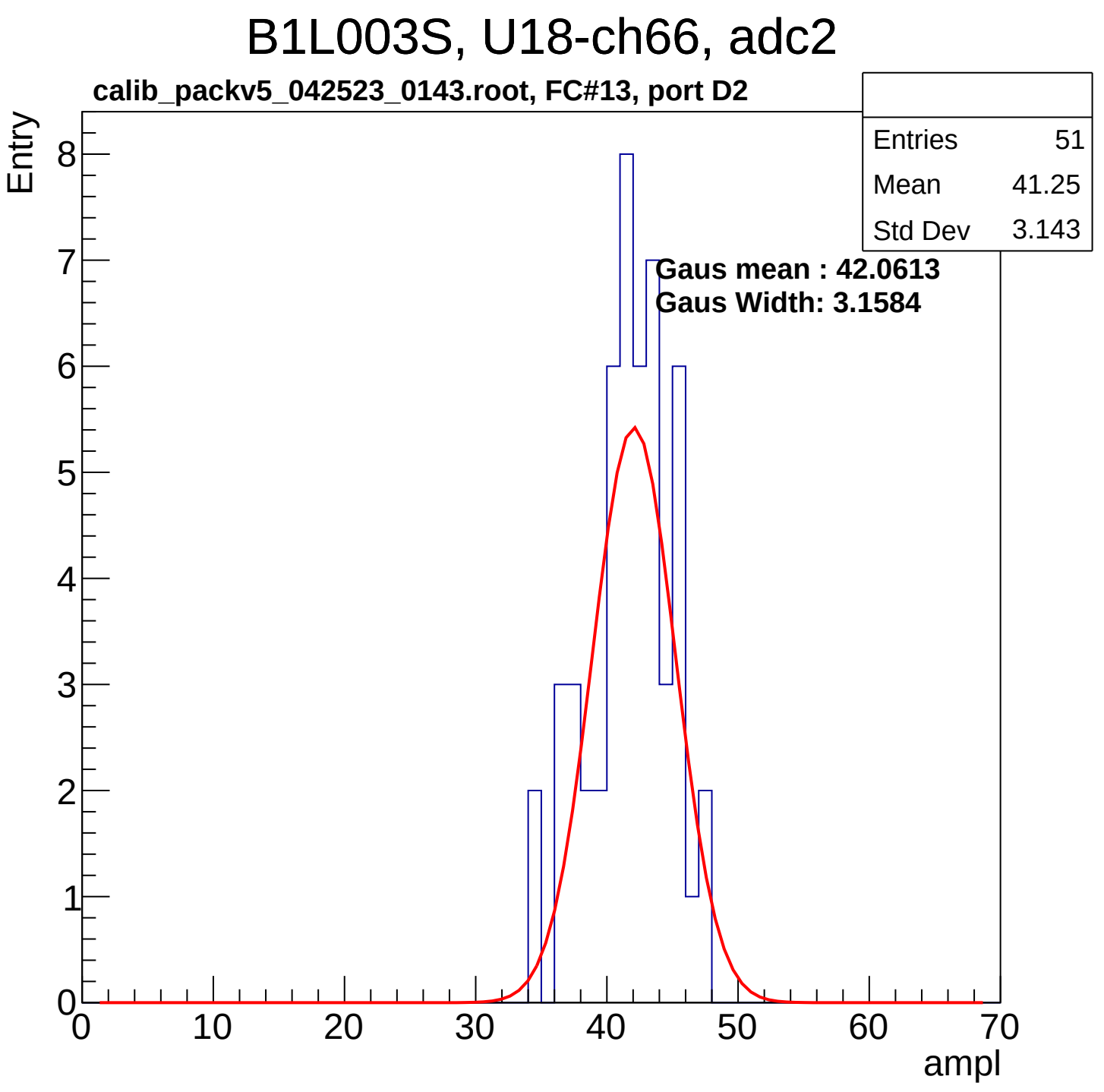

B1L003S, U18-ch65, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 58.83
Std Dev 8.126
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

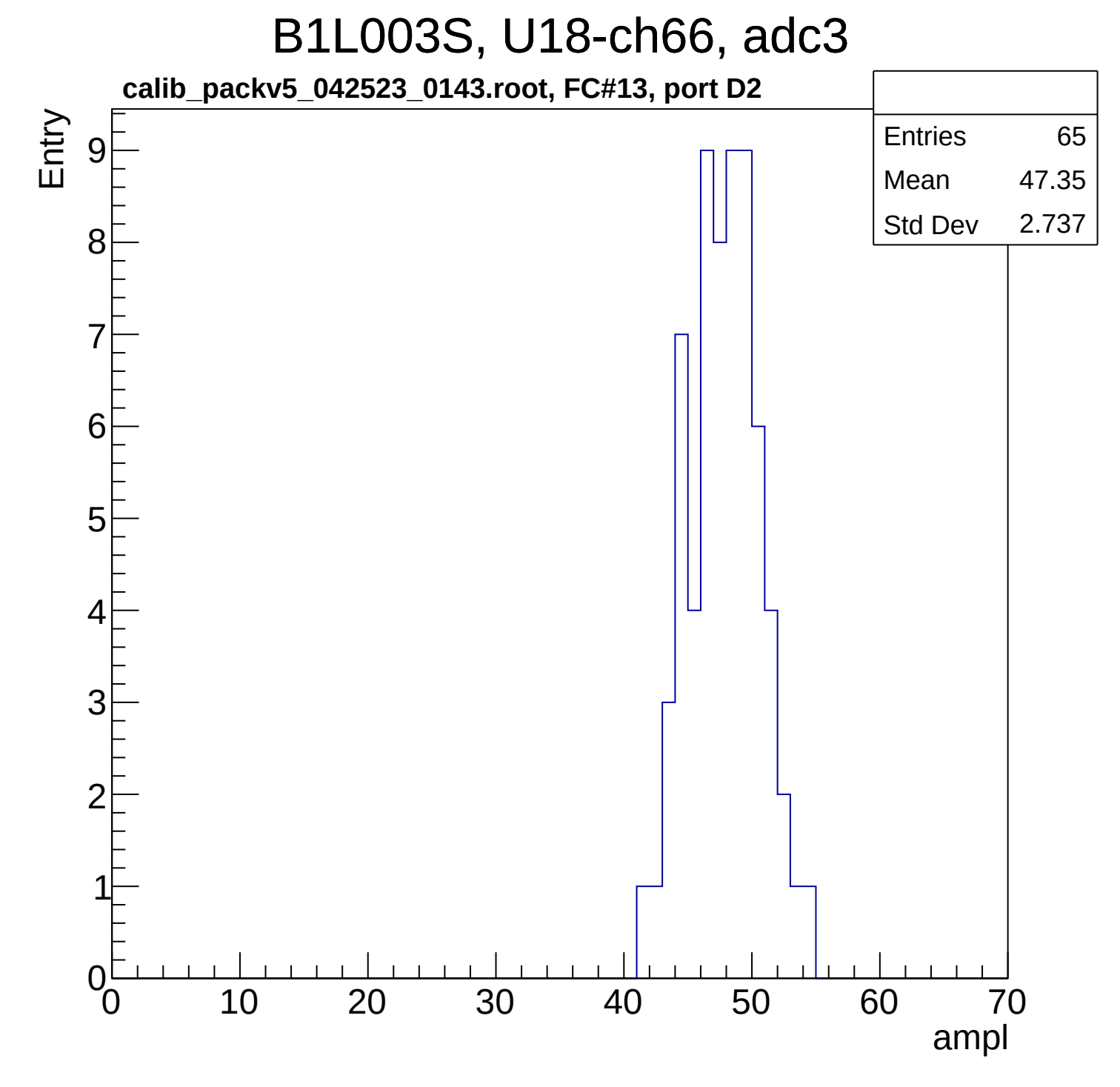

B1L003S, U18-ch65, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 61.4
Std Dev 1.855
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

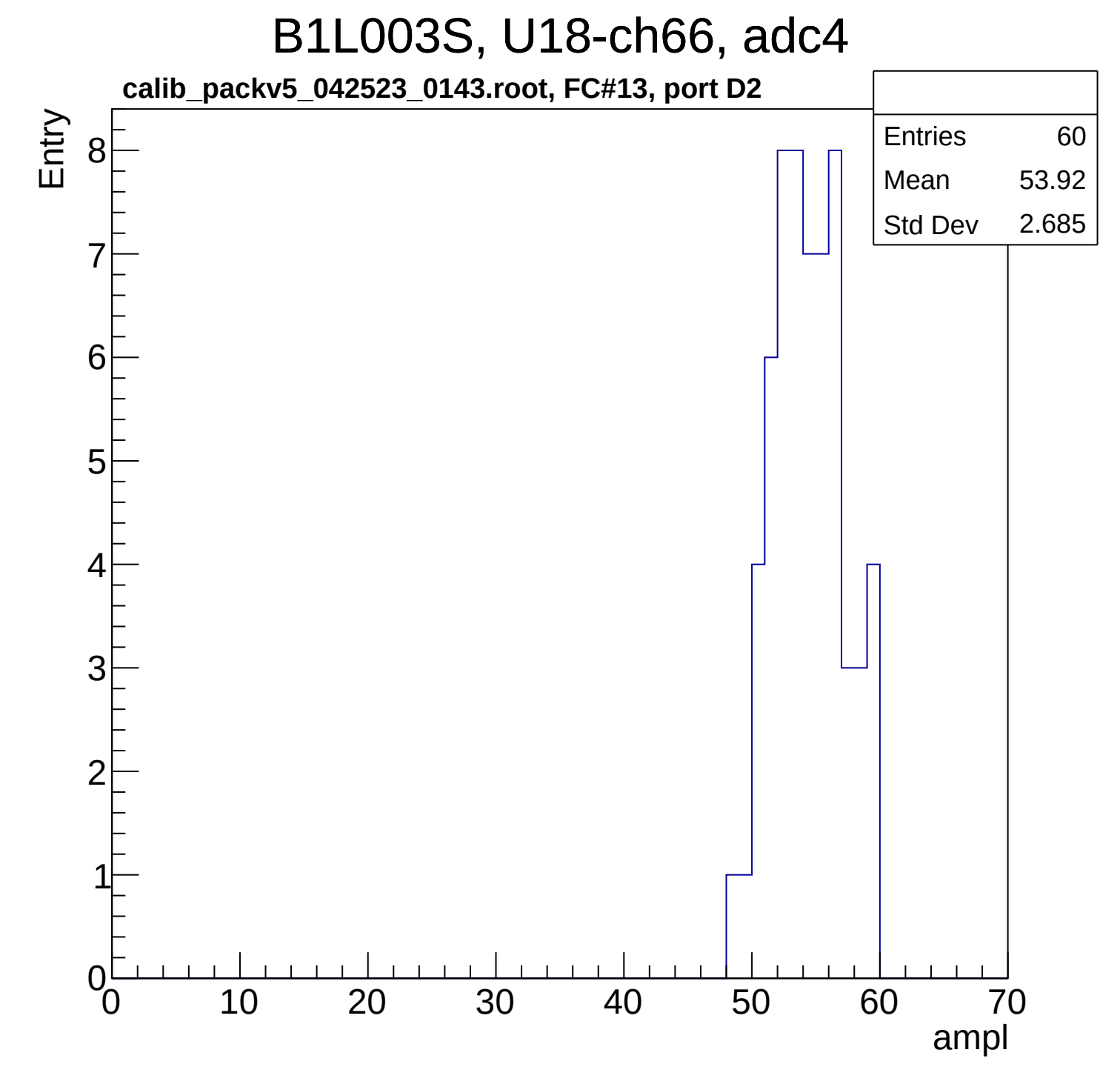

B1L003S, U18-ch65, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

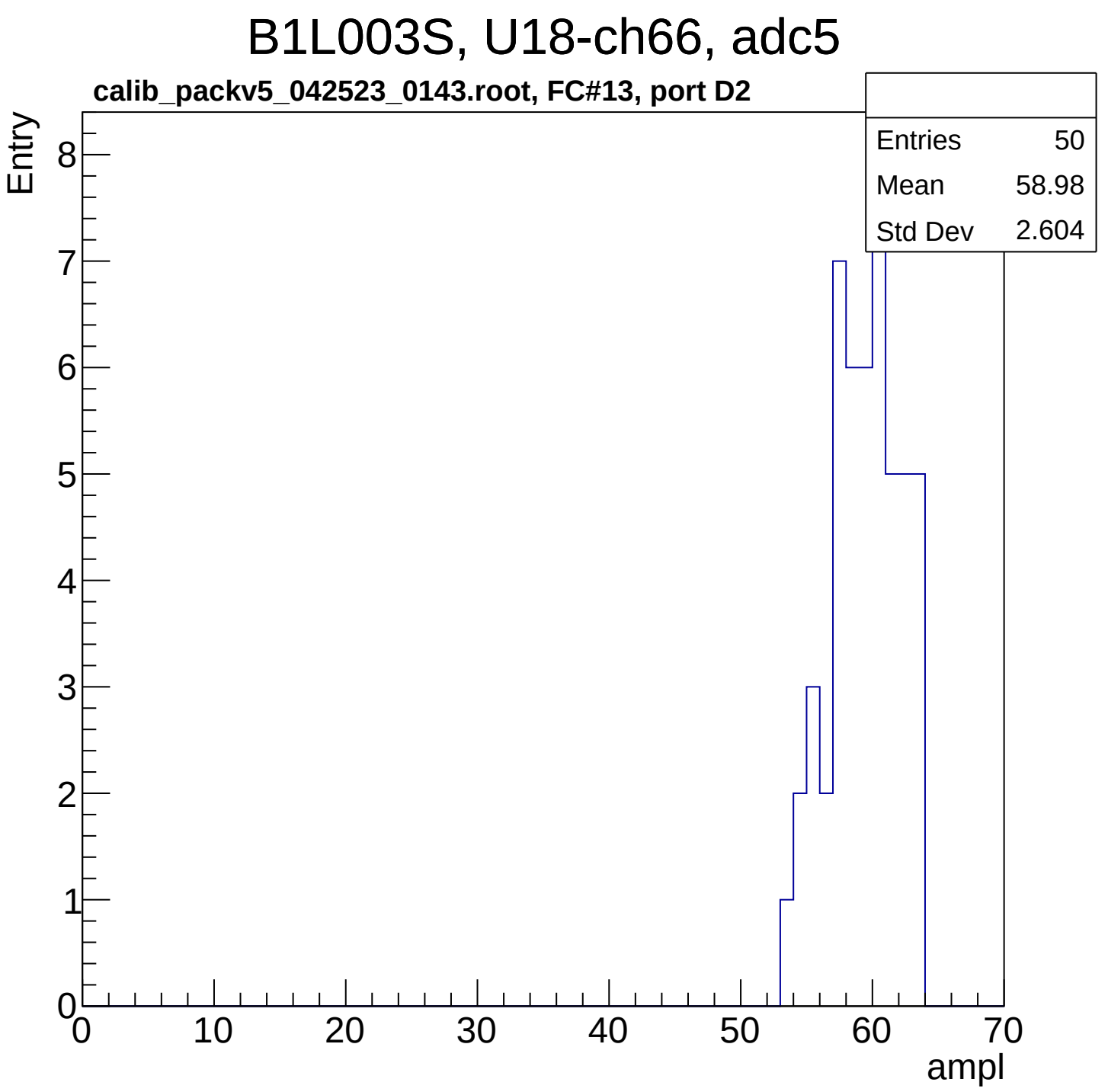

B1L003S, U18-ch66, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 28.39
Std Dev 3.597
Gaus mean : 29.1540
Gaus Width: 3.9832
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

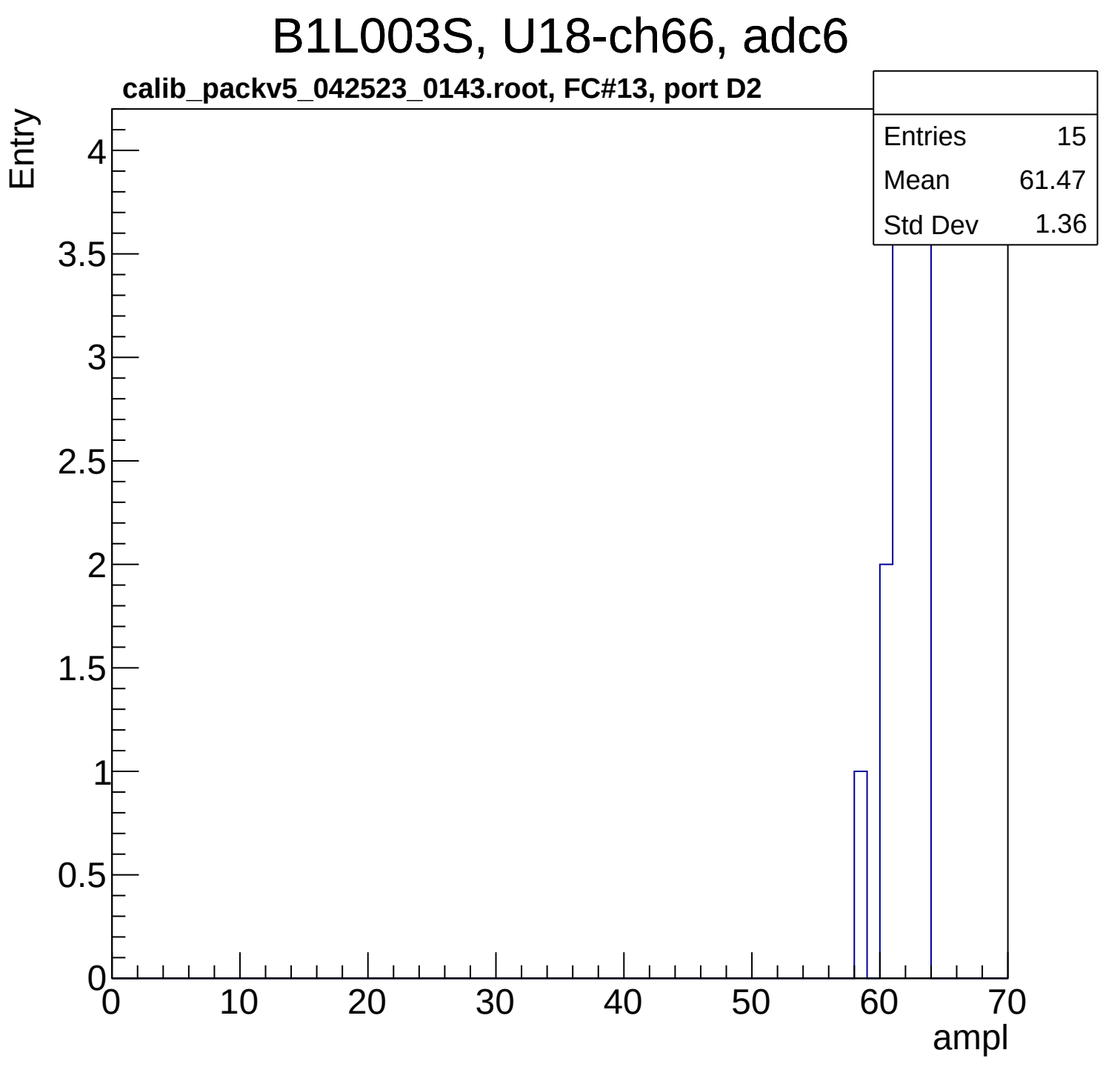

B1L003S, U18-ch66, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 34.95
Std Dev 3.568
Gaus mean : 35.3611
Gaus Width: 3.7685
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

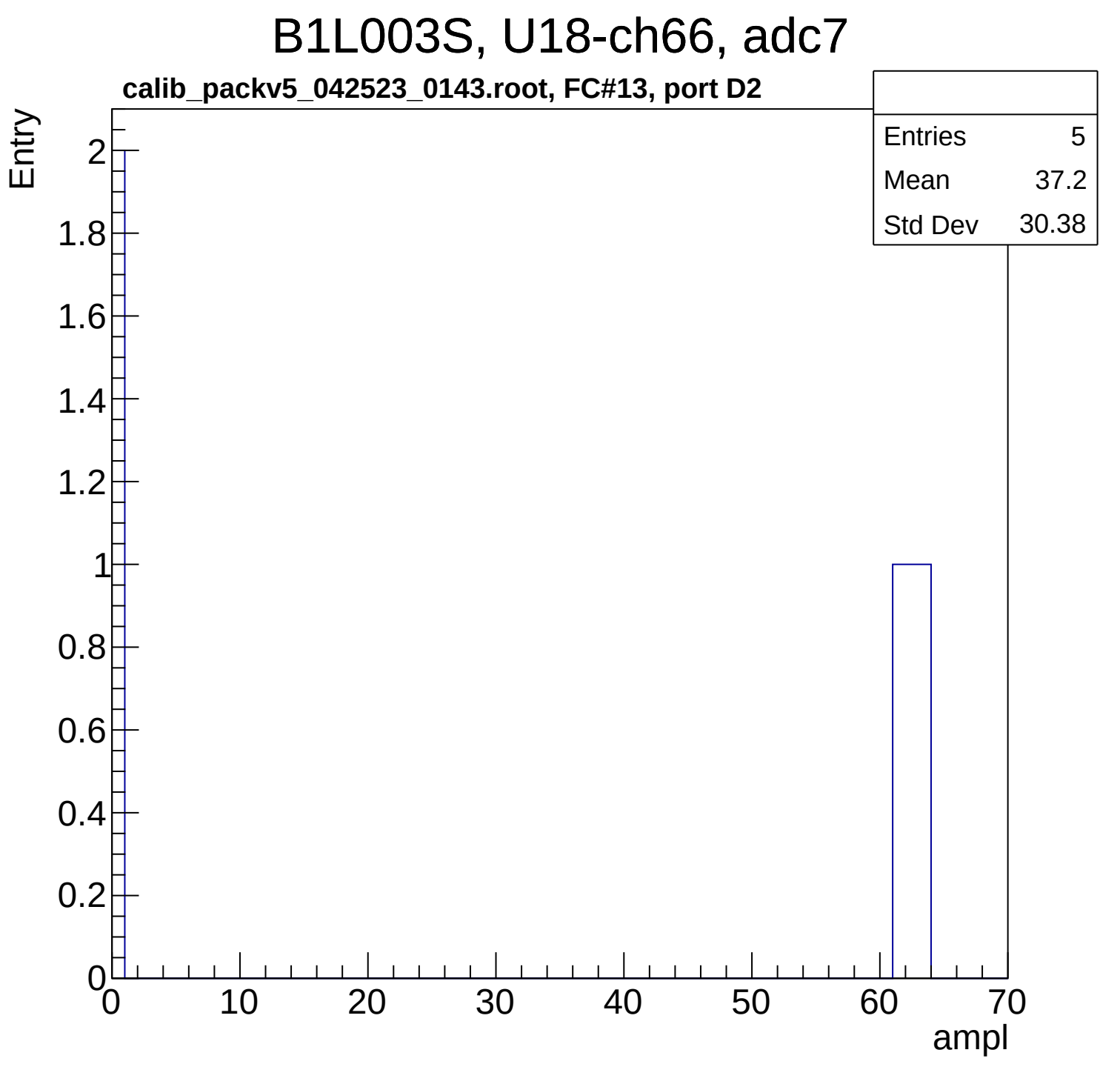

B1L003S, U18-ch66, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 41.25
Std Dev 3.143
Gaus mean : 42.0613
Gaus Width: 3.1584
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

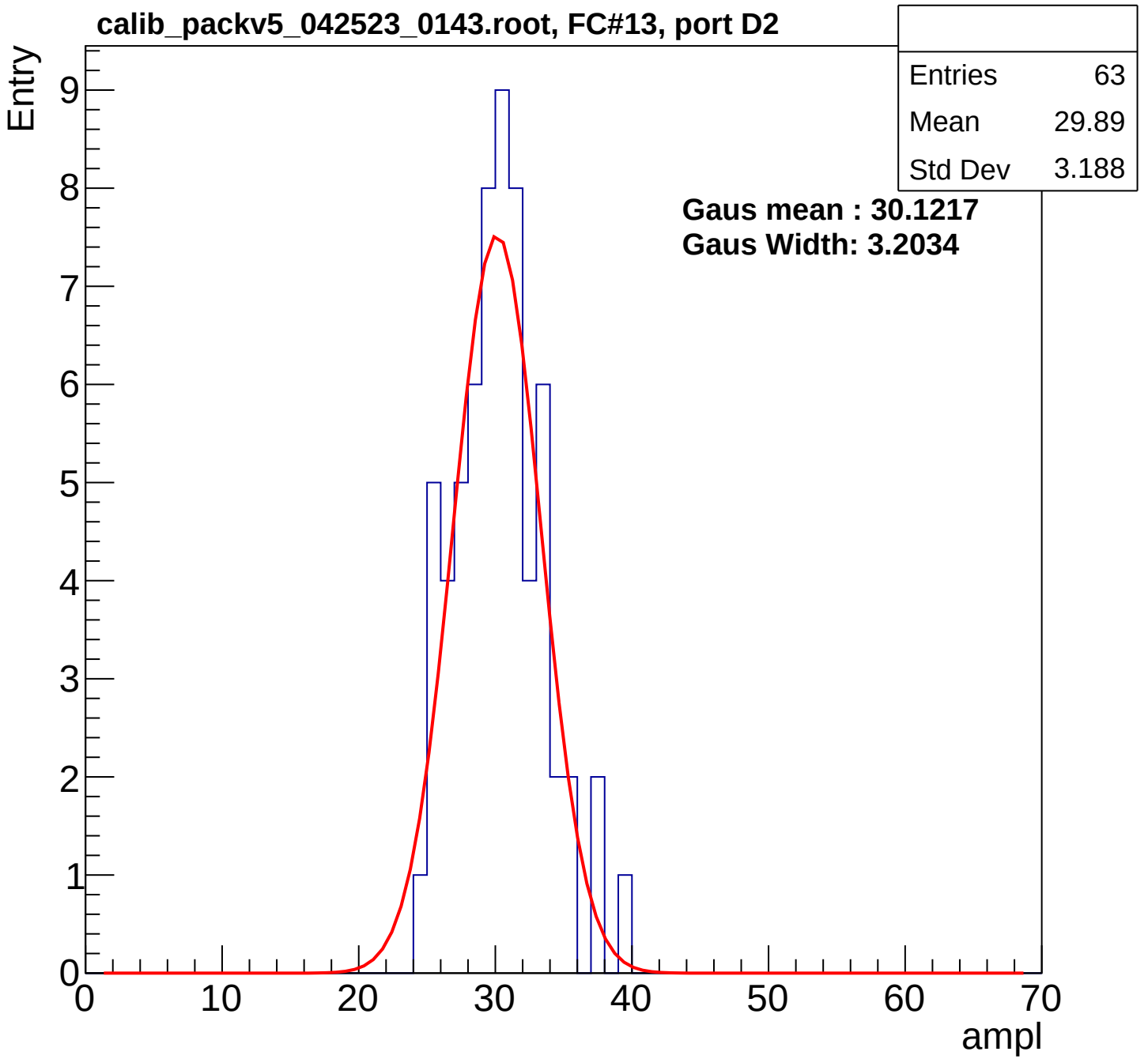

B1L003S, U18-ch66, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 47.35
Std Dev 2.737
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

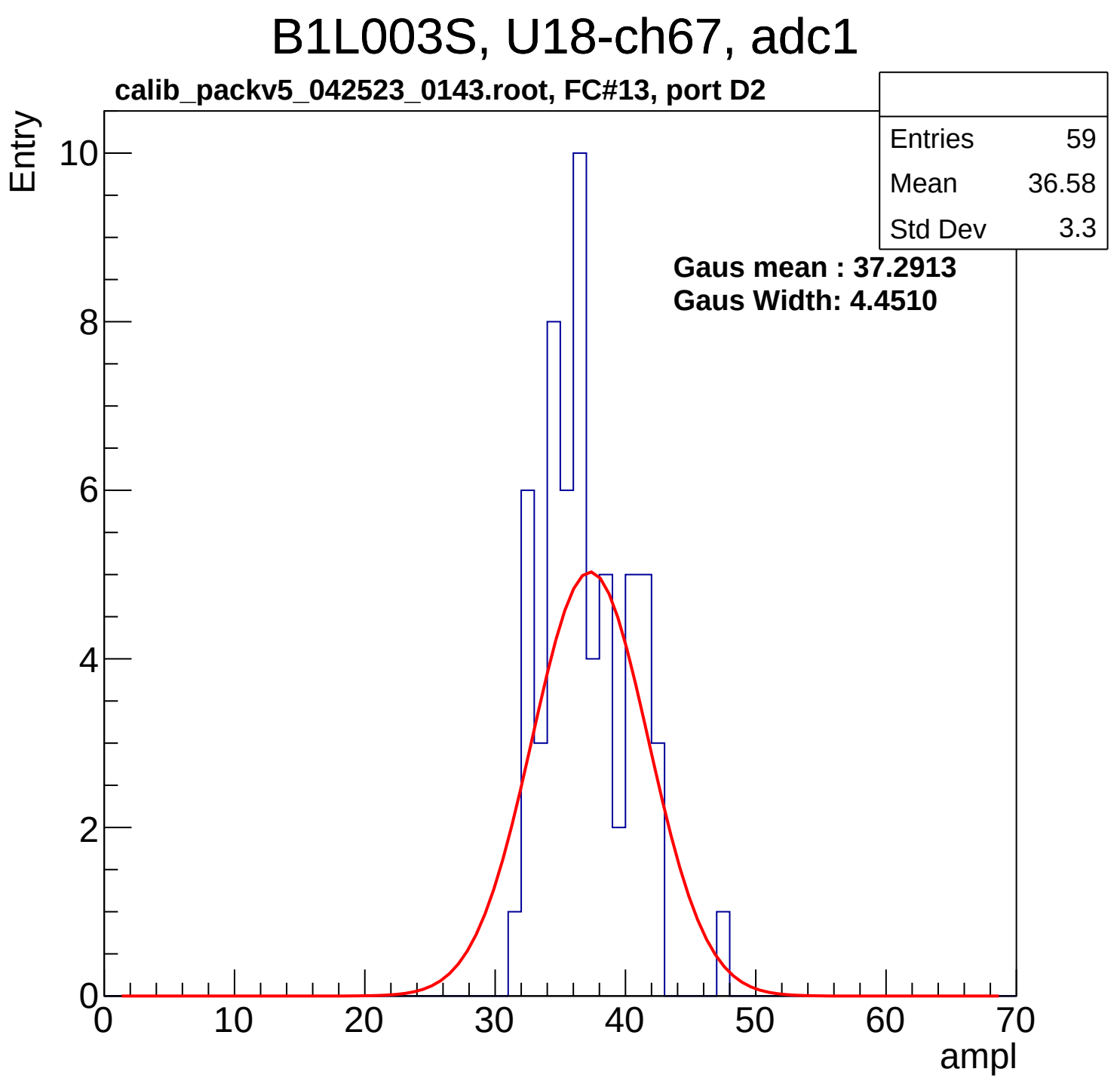

B1L003S, U18-ch66, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 53.92
Std Dev 2.685
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

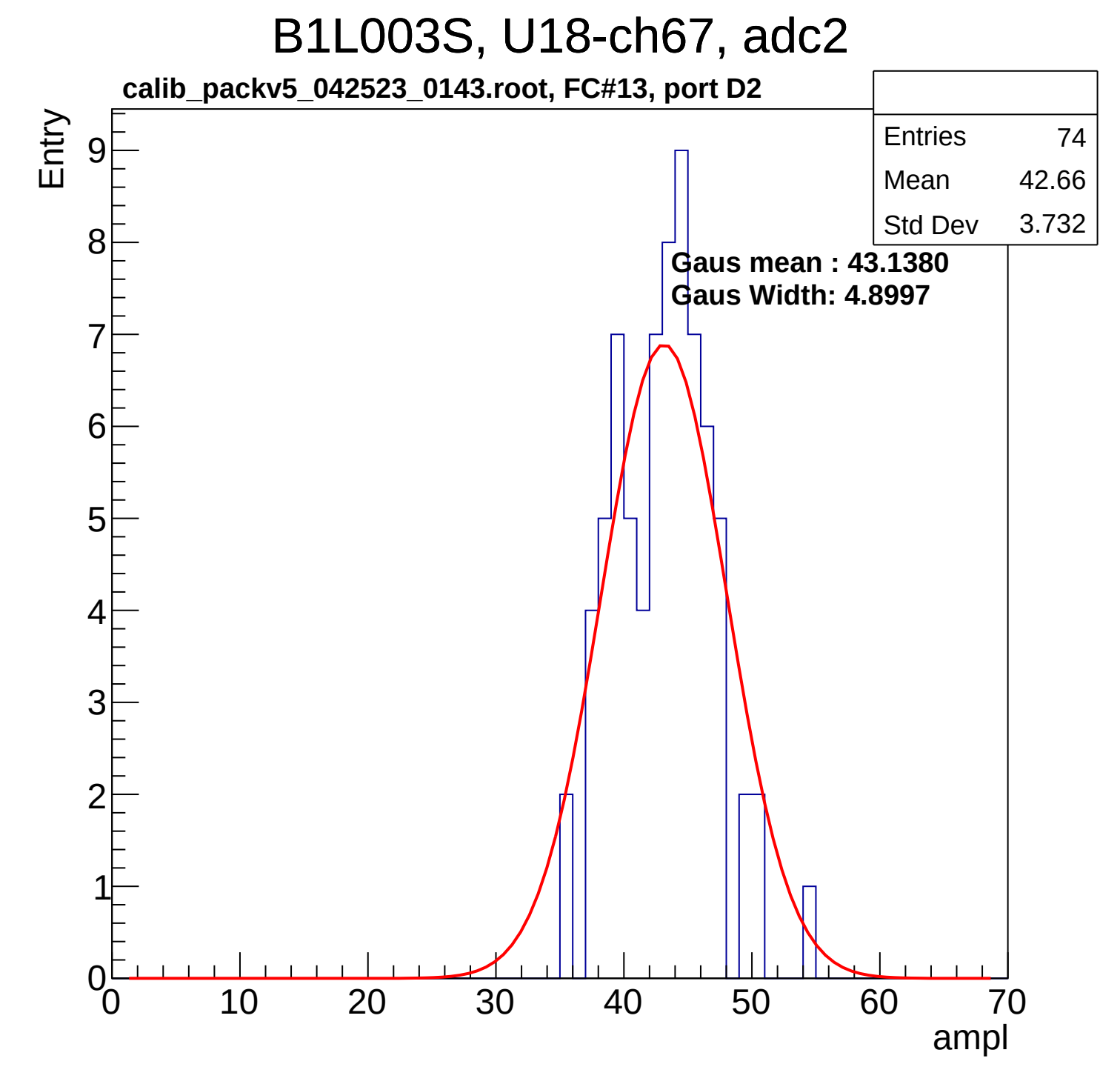

B1L003S, U18-ch66, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 58.98
Std Dev 2.604
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

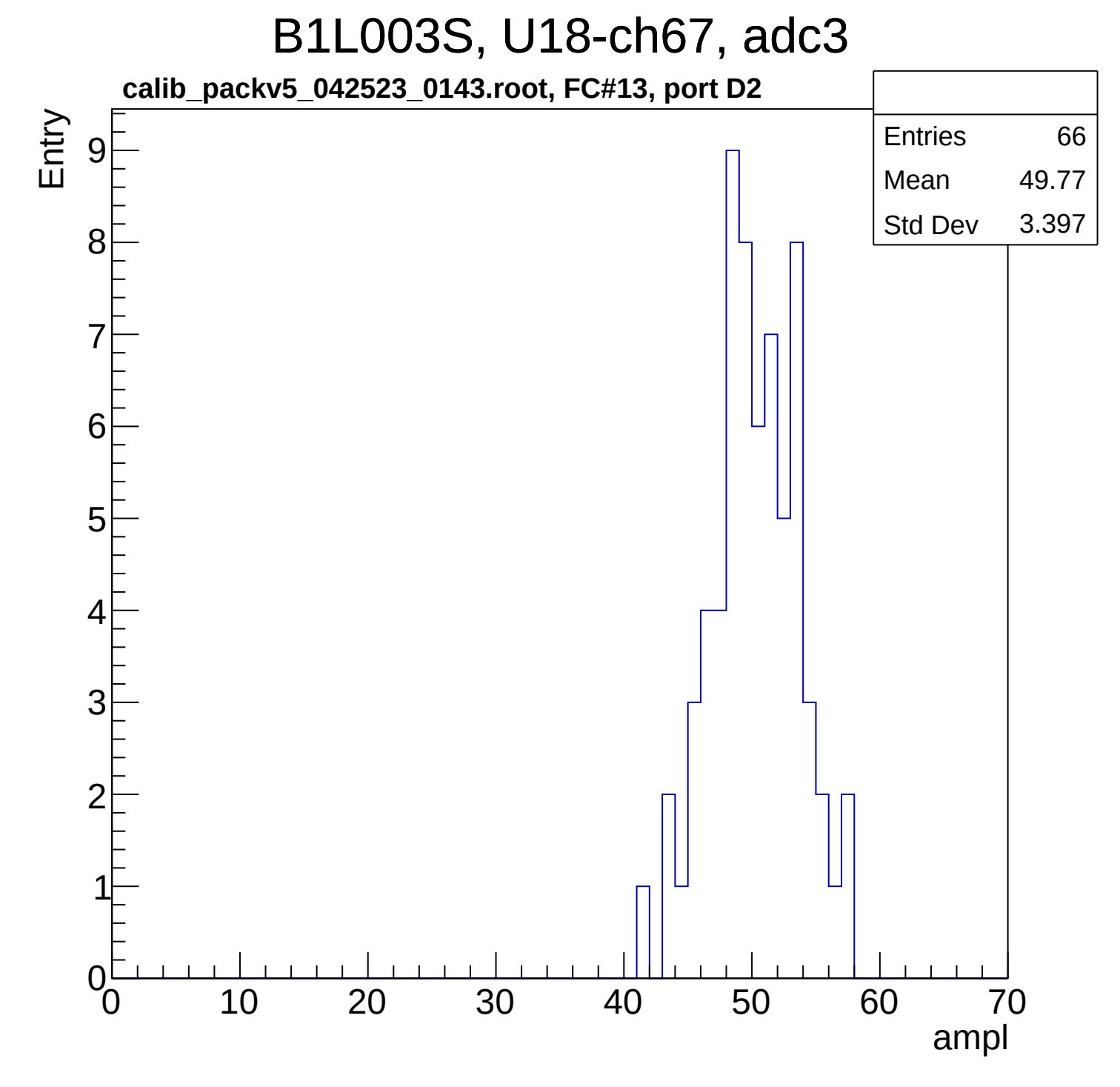

B1L003S, U18-ch66, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 15
Mean 61.47
Std Dev 1.36
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

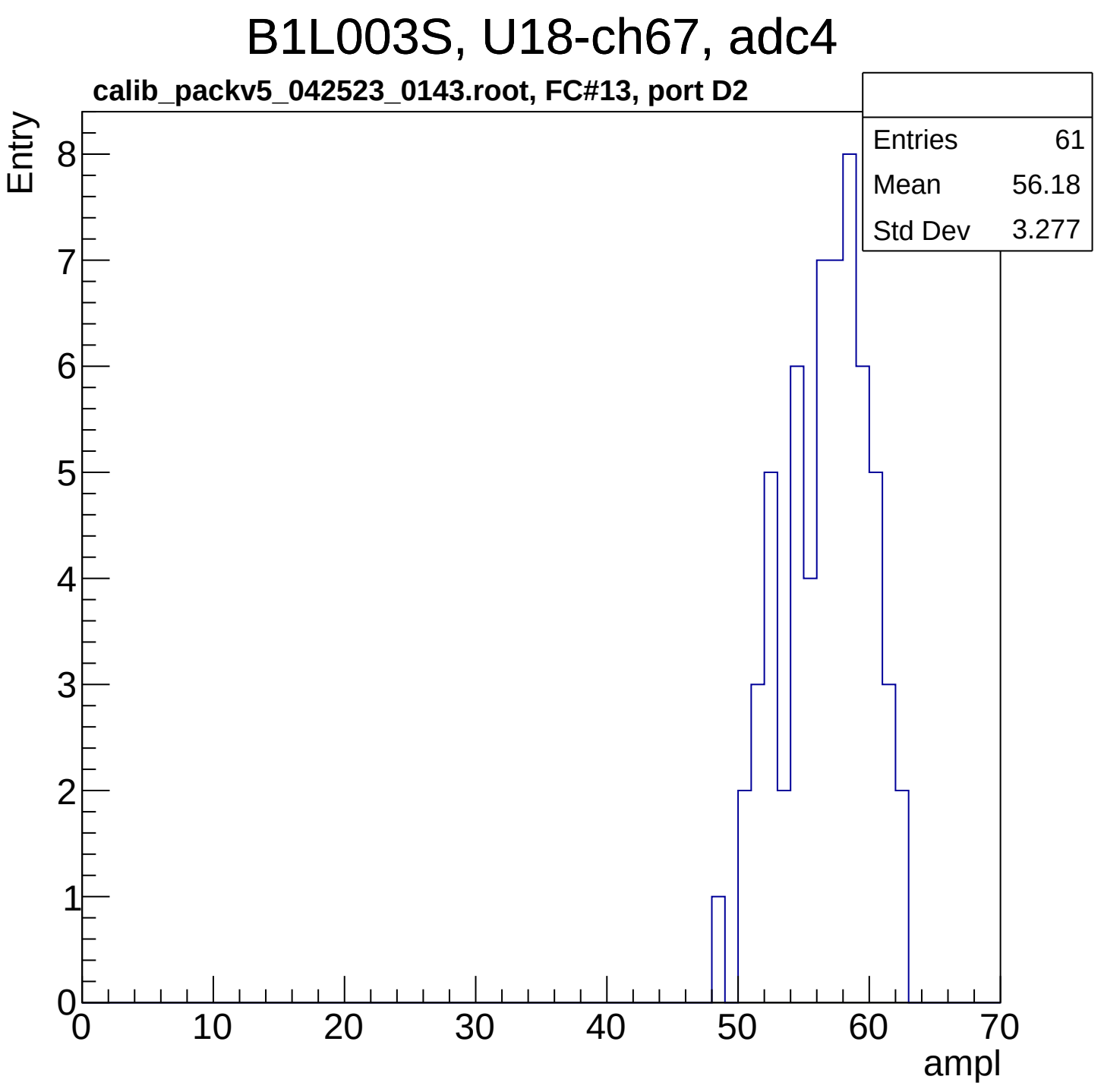

B1L003S, U18-ch66, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 37.2
Std Dev 30.38
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

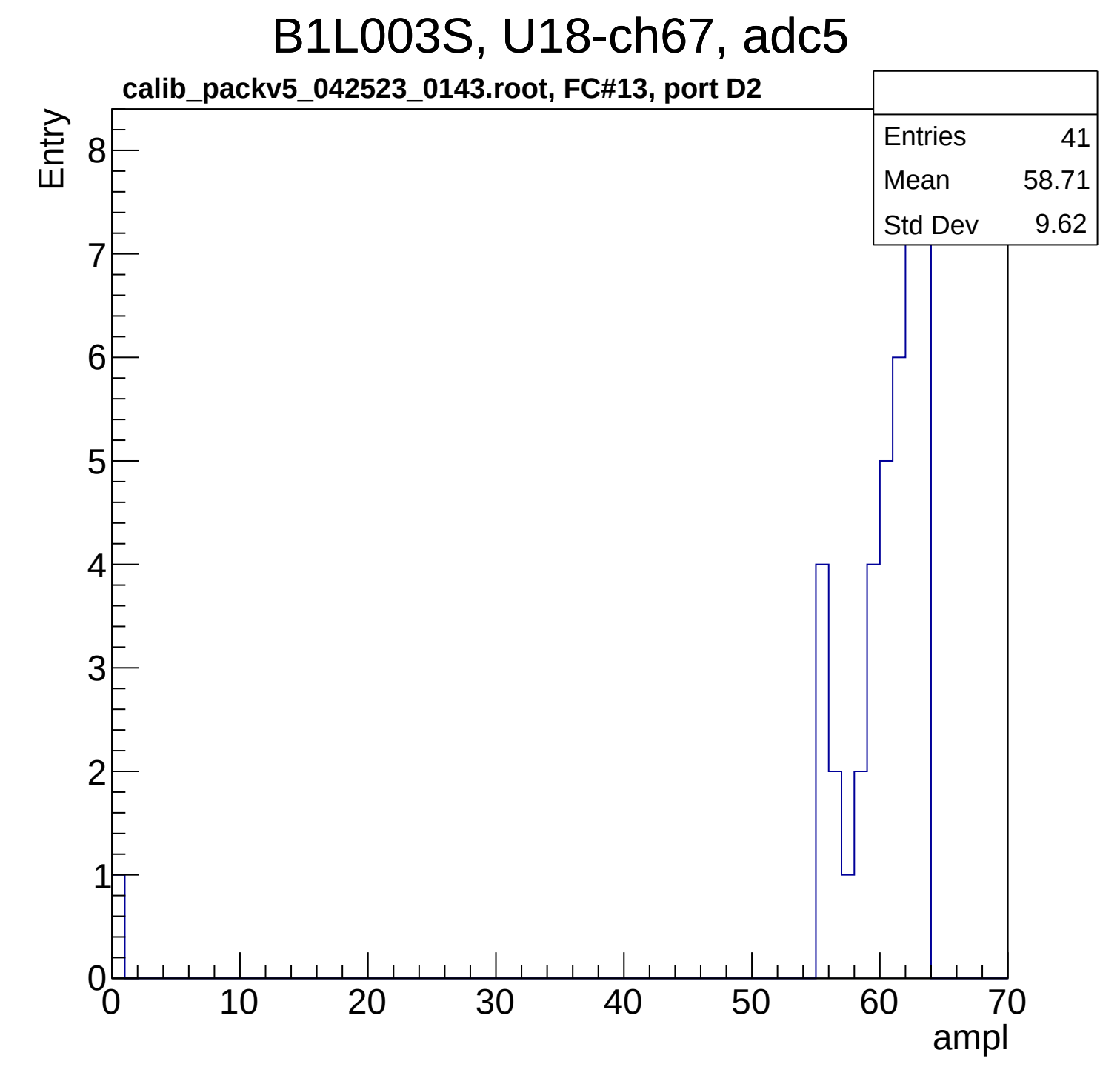

B1L003S, U18-ch67, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 29.89
Std Dev 3.188
Gaus mean : 30.1217
Gaus Width: 3.2034
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

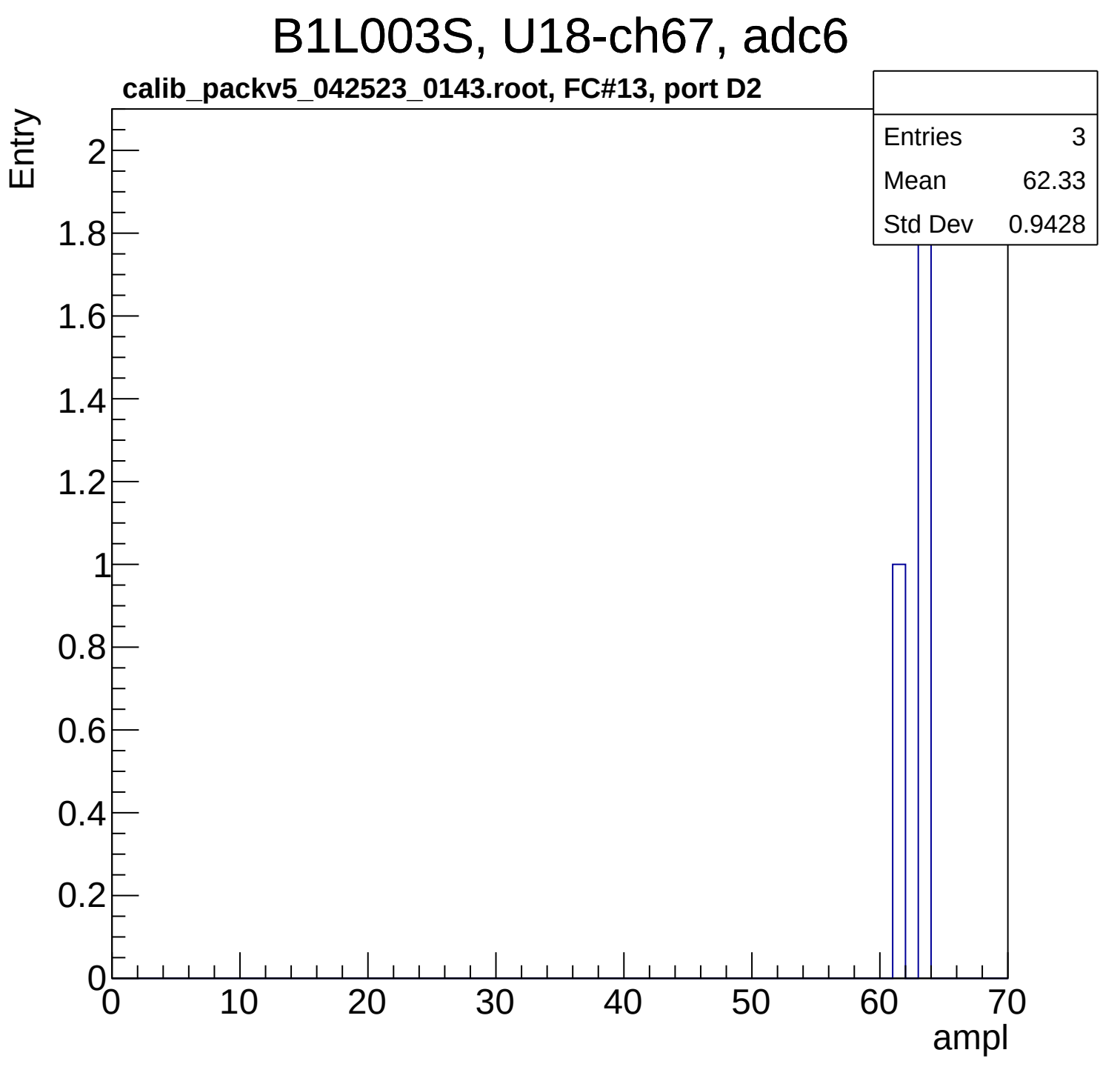

B1L003S, U18-ch67, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 36.58
Std Dev 3.3
Gaus mean : 37.2913
Gaus Width: 4.4510
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

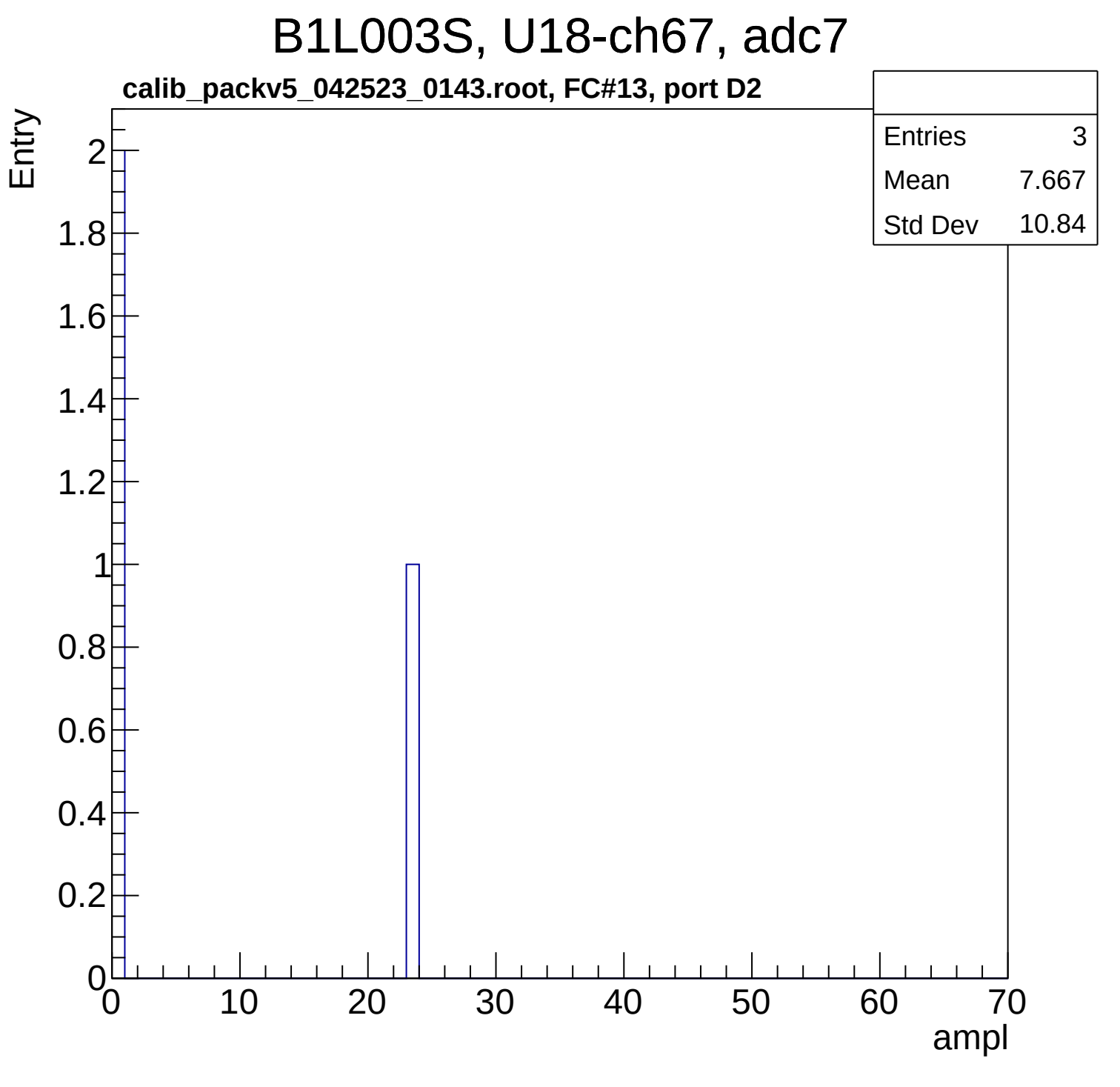

B1L003S, U18-ch67, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 42.66
Std Dev 3.732
Gaus mean : 43.1380
Gaus Width: 4.8997
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

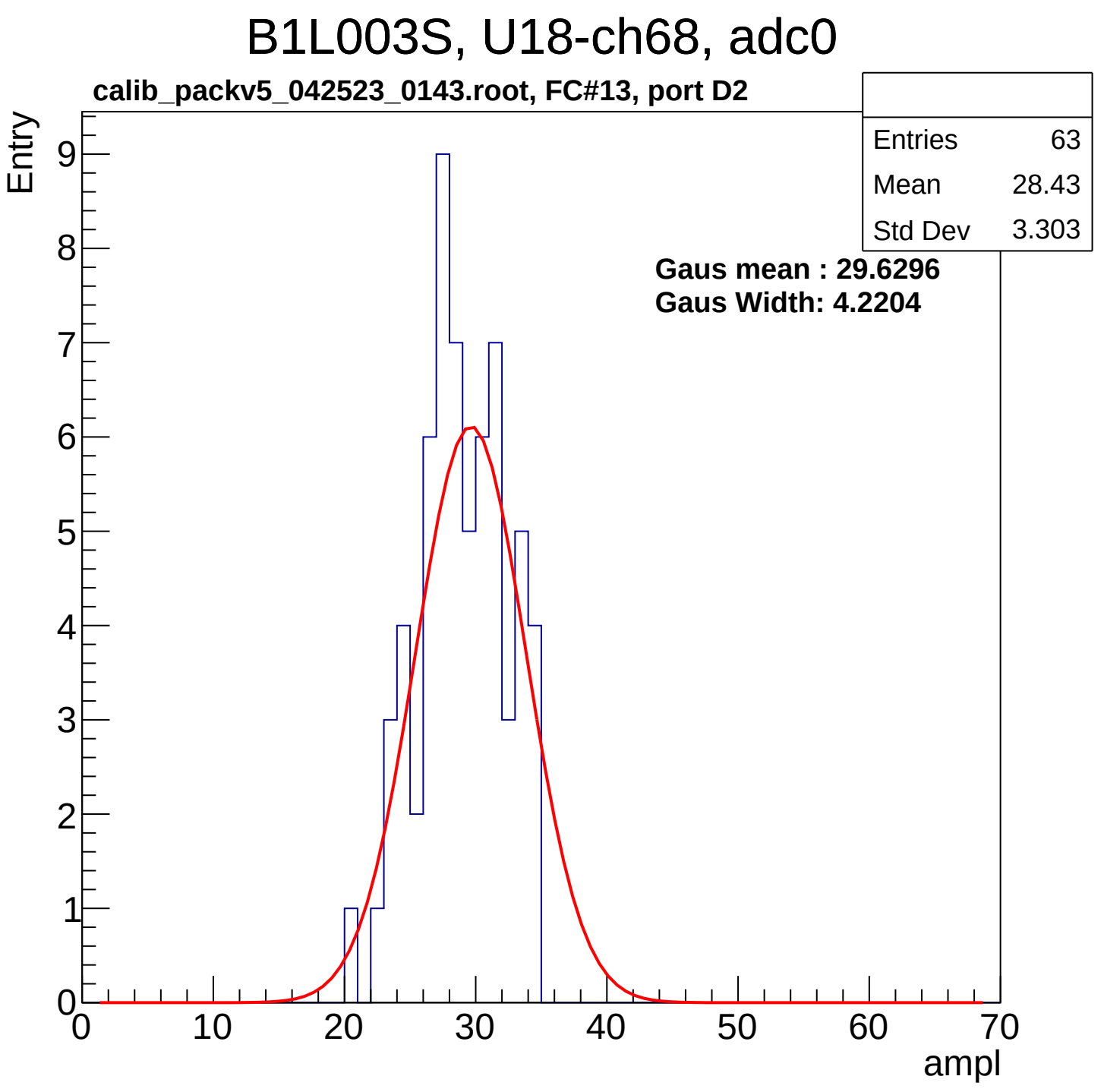

B1L003S, U18-ch67, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 49.77
Std Dev 3.397
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

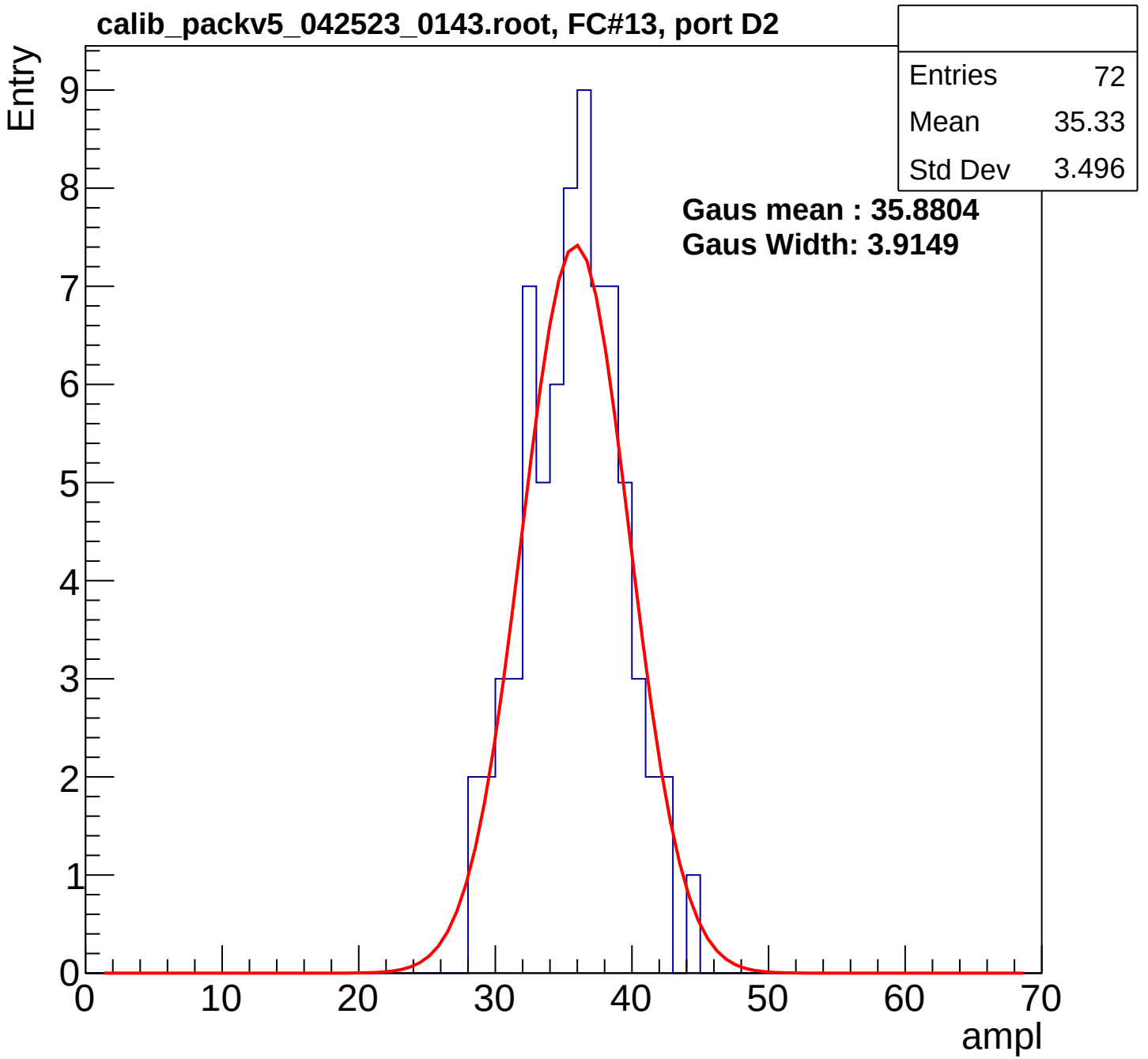

B1L003S, U18-ch67, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 56.18
Std Dev 3.277
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

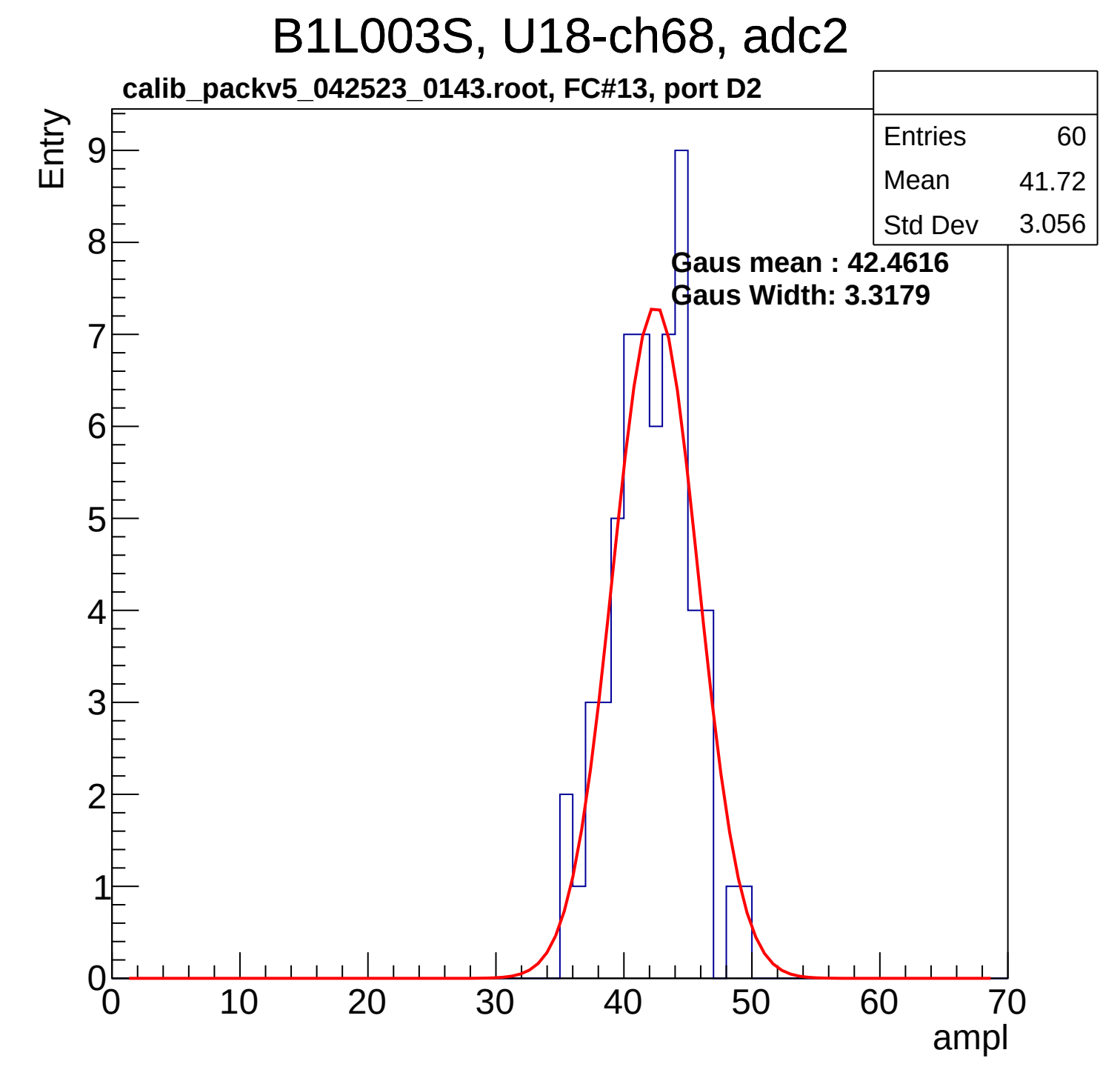

B1L003S, U18-ch67, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 41
Mean 58.71
Std Dev 9.62
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

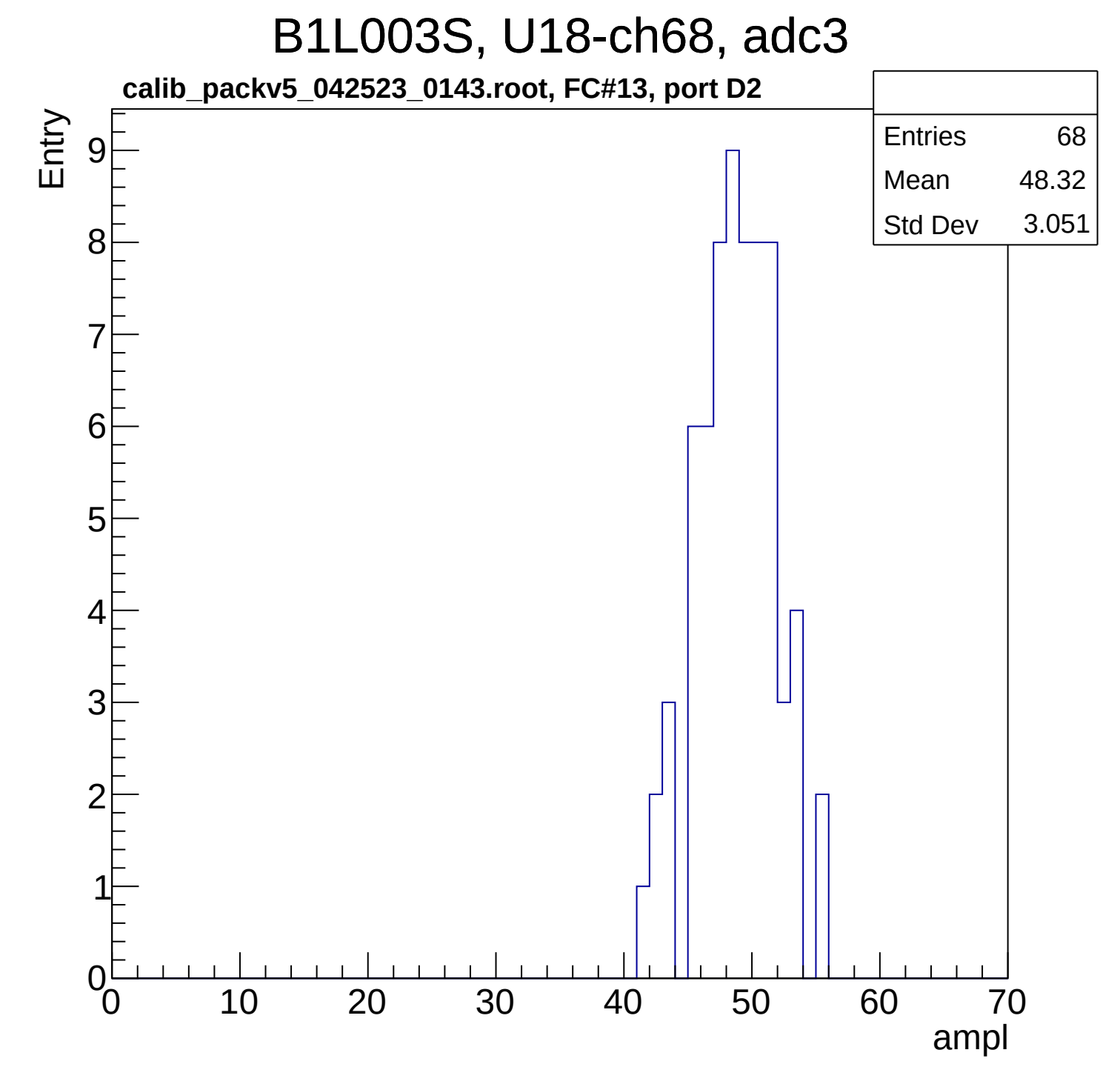

B1L003S, U18-ch67, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

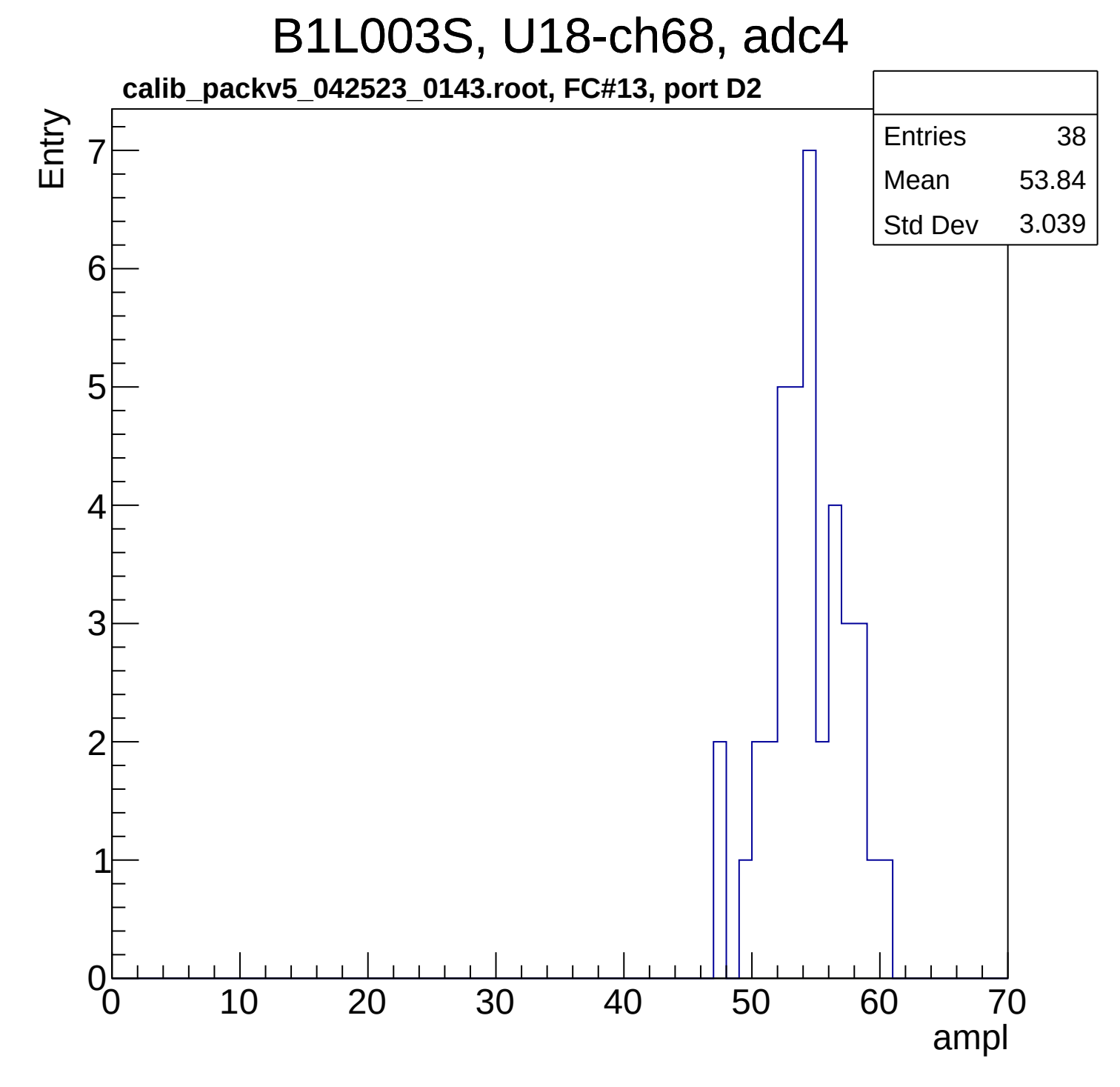

B1L003S, U18-ch67, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 7.667
Std Dev 10.84
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

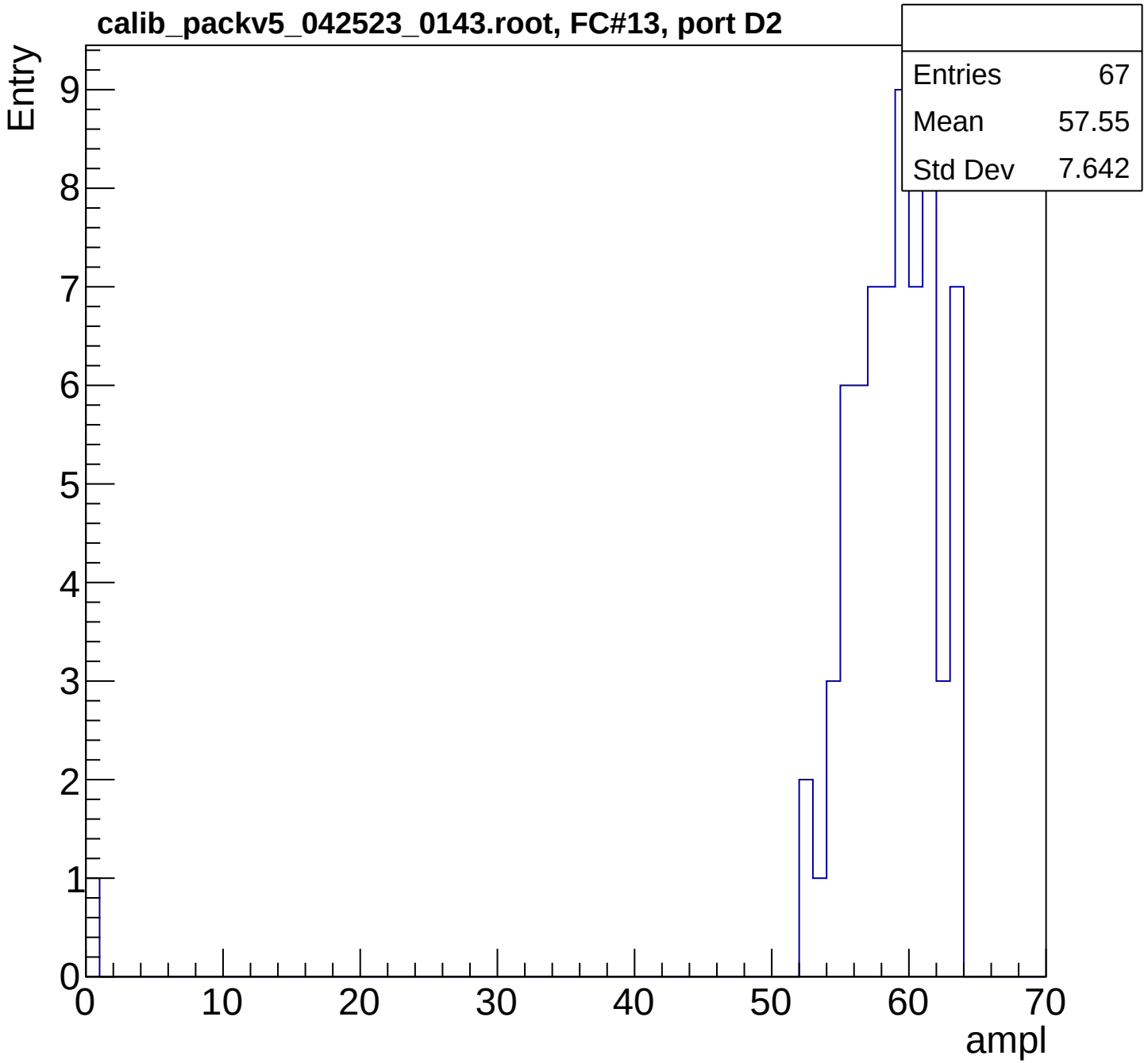

B1L003S, U18-ch68, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 28.43
Std Dev 3.303
Gaus mean : 29.6296
Gaus Width: 4.2204
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

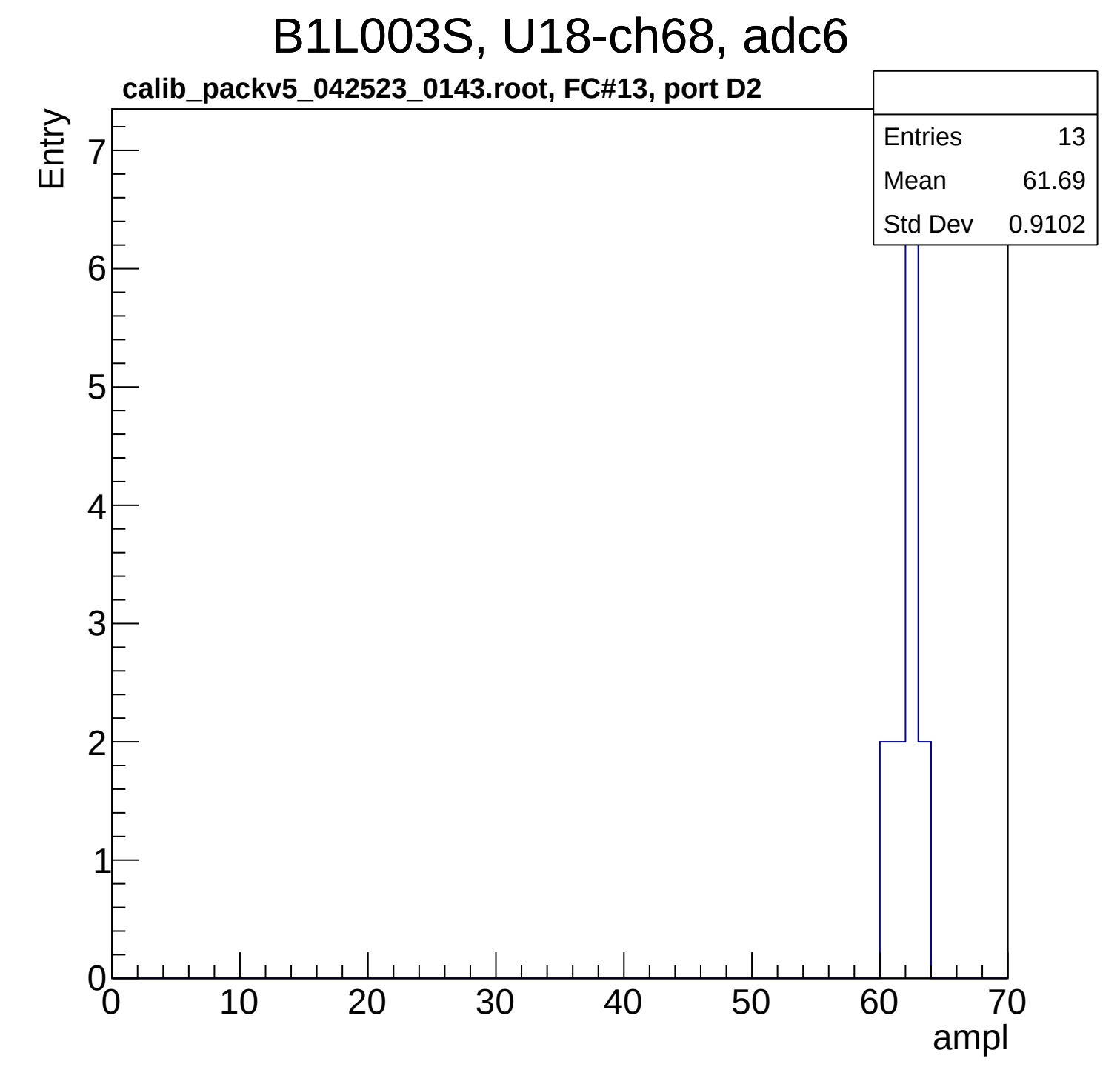

B1L003S, U18-ch68, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 35.33
Std Dev 3.496
Gaus mean : 35.8804
Gaus Width: 3.9149
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

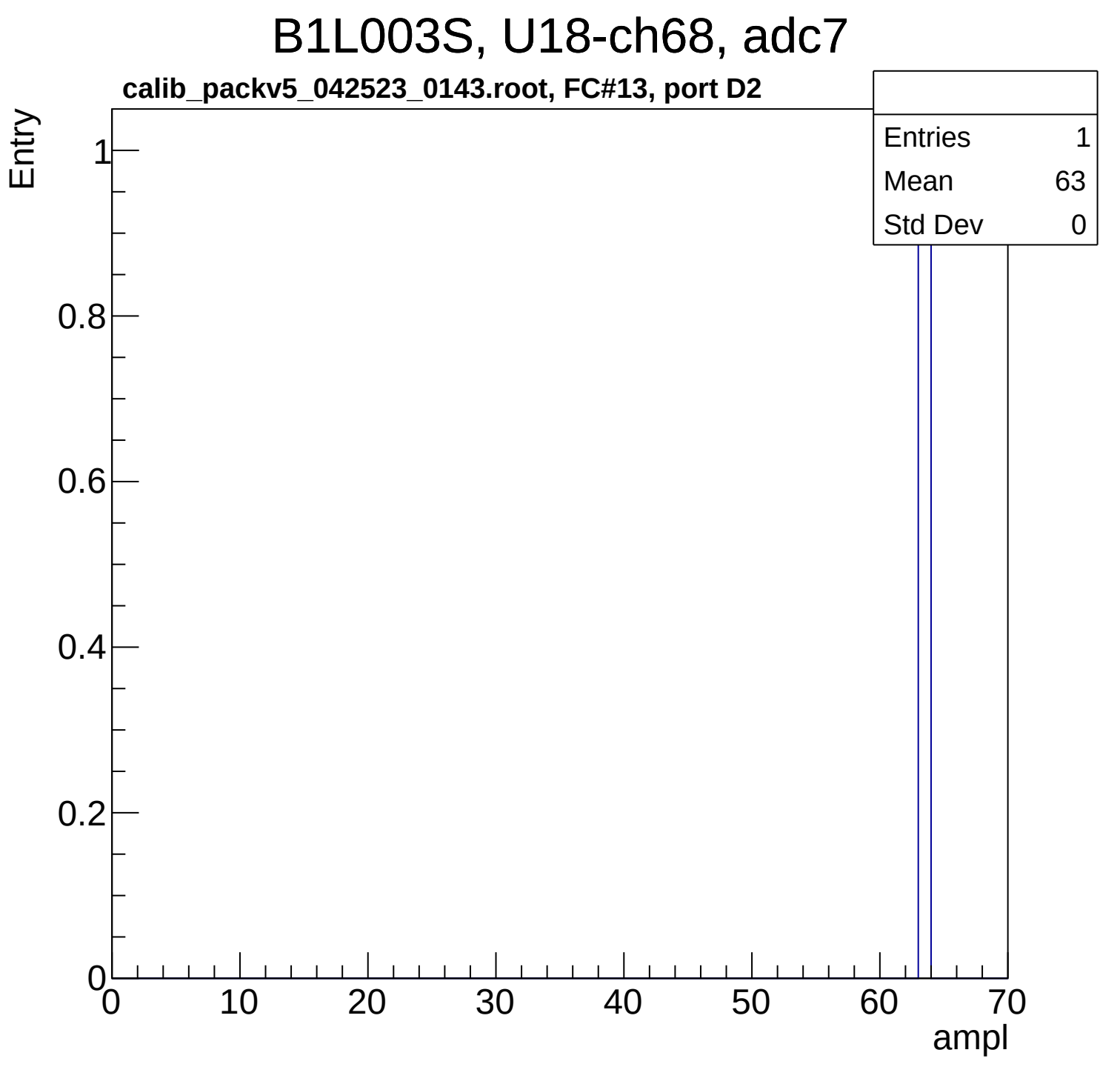

B1L003S, U18-ch68, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 41.72
Std Dev 3.056
Gaus mean : 42.4616
Gaus Width: 3.3179
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

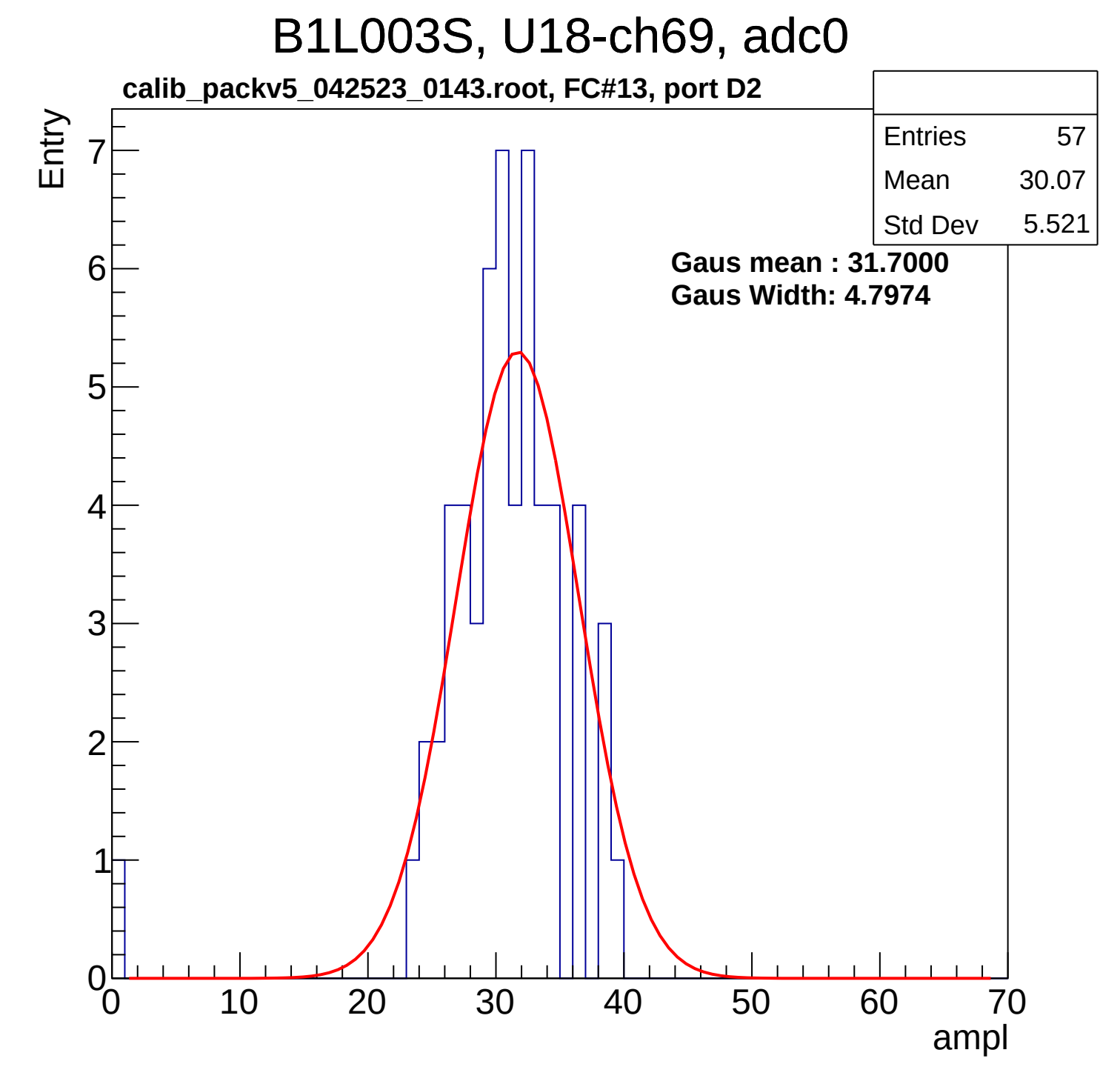

B1L003S, U18-ch68, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 48.32
Std Dev 3.051
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

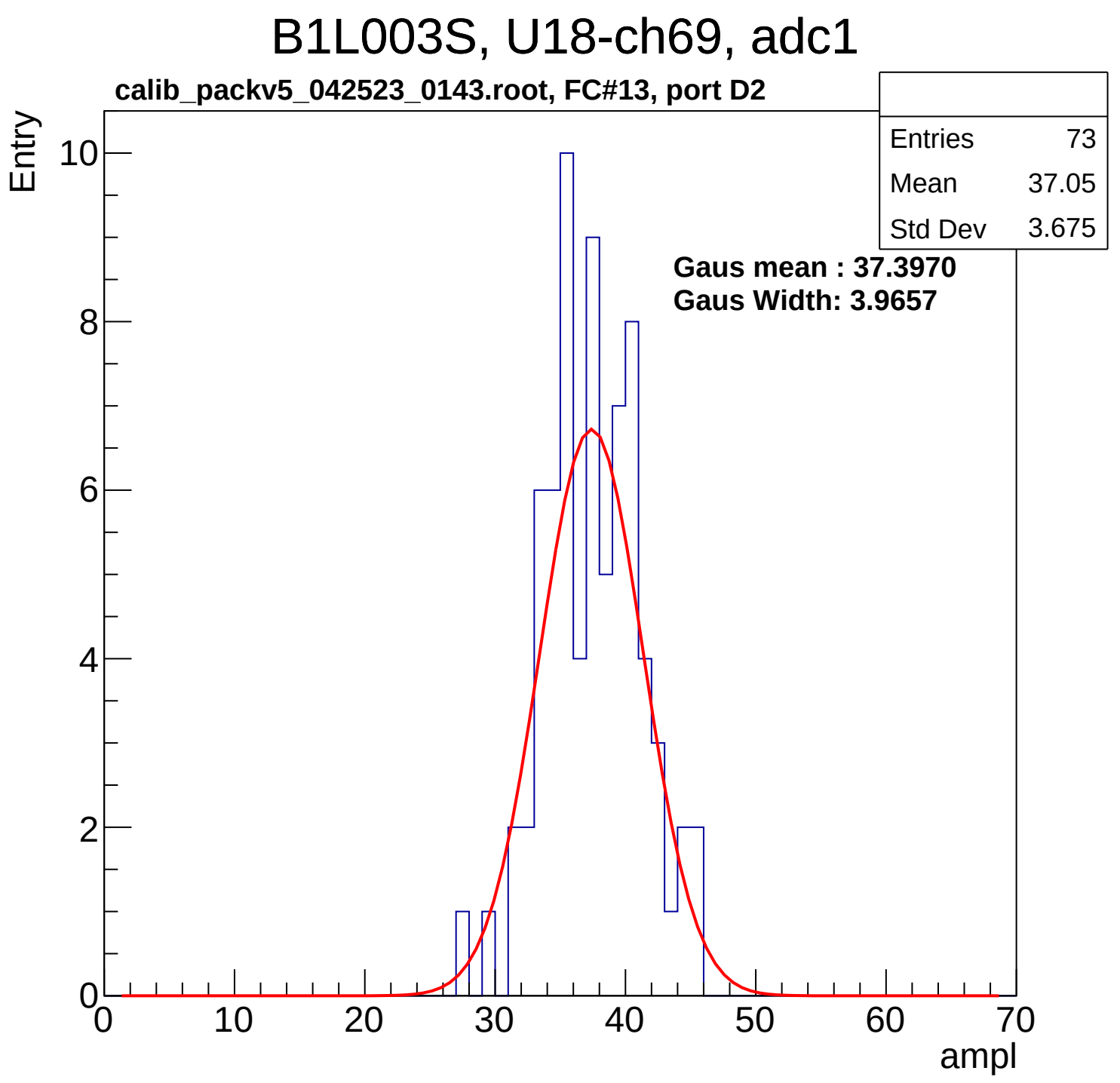

B1L003S, U18-ch68, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 53.84
Std Dev 3.039
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

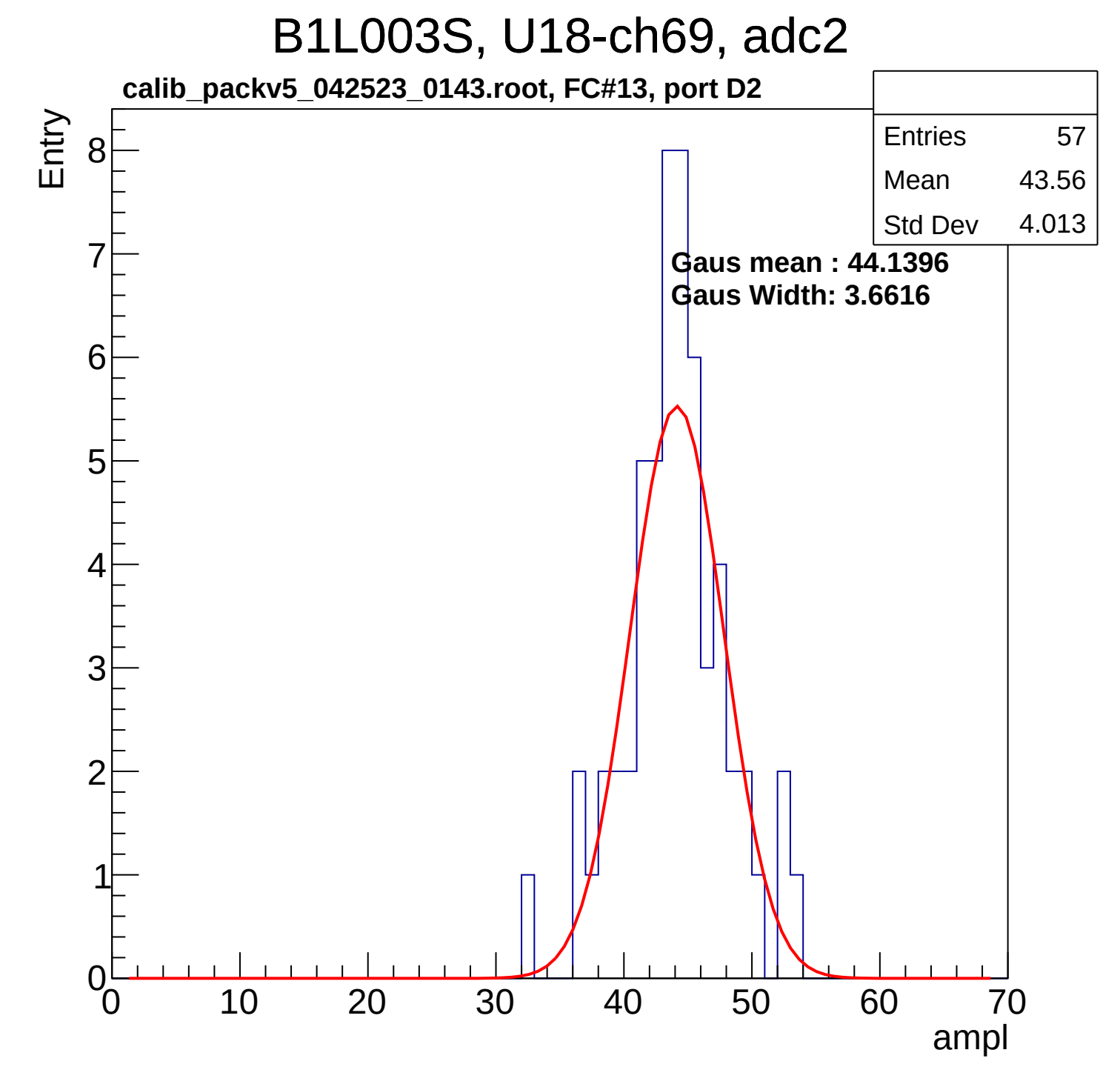

B1L003S, U18-ch68, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 57.55
Std Dev 7.642
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

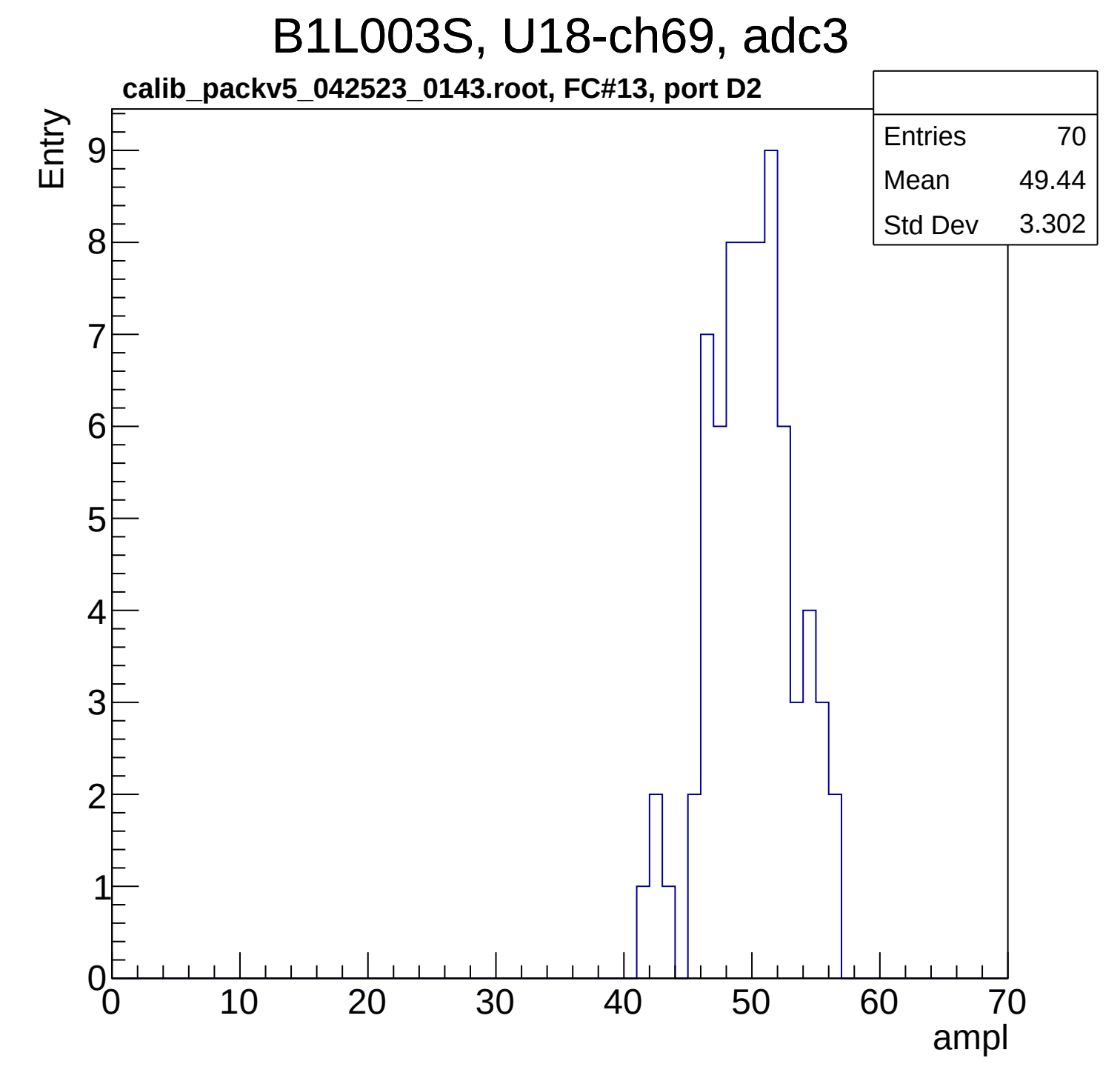

B1L003S, U18-ch68, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 61.69
Std Dev 0.9102
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

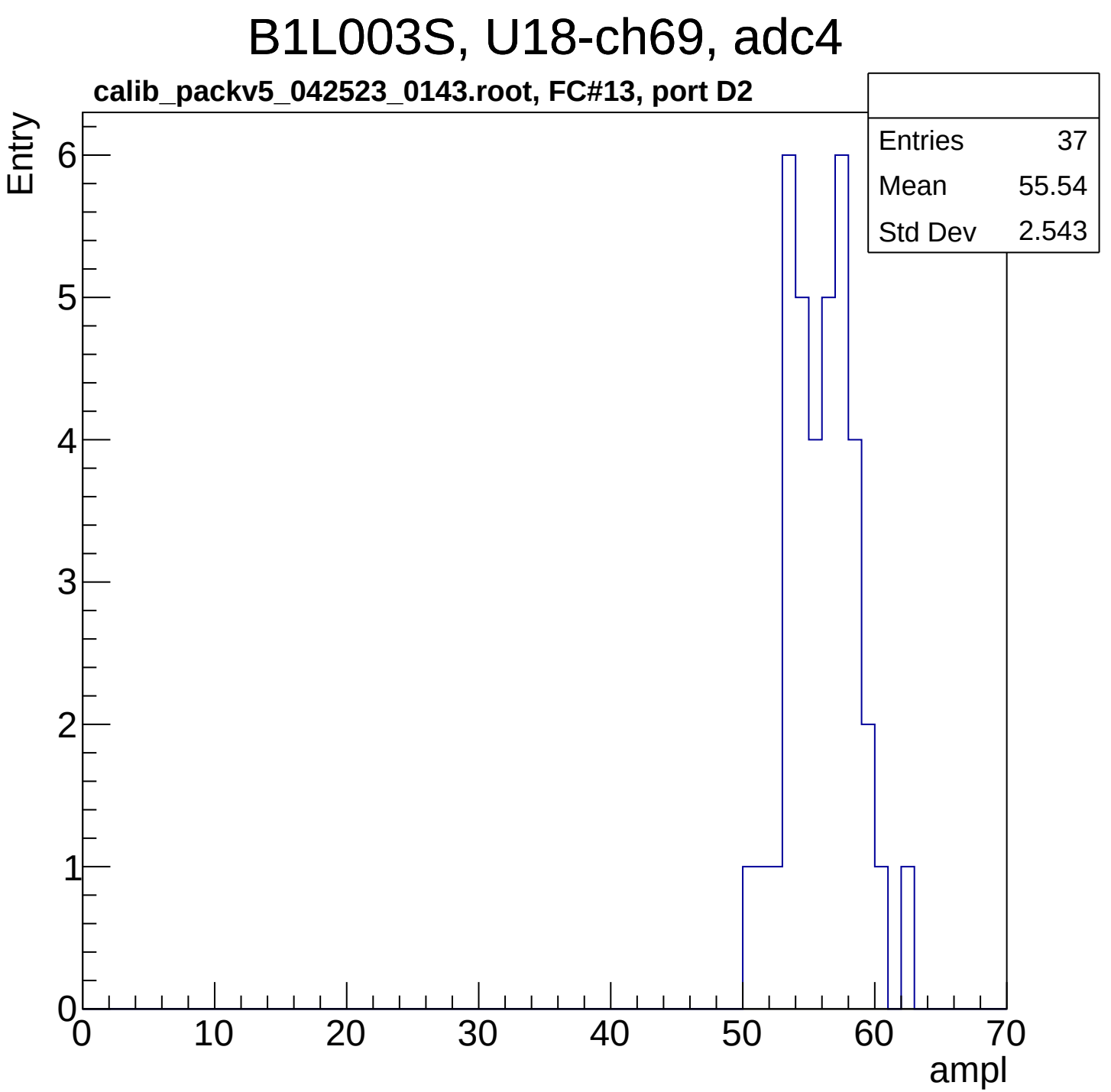

B1L003S, U18-ch68, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

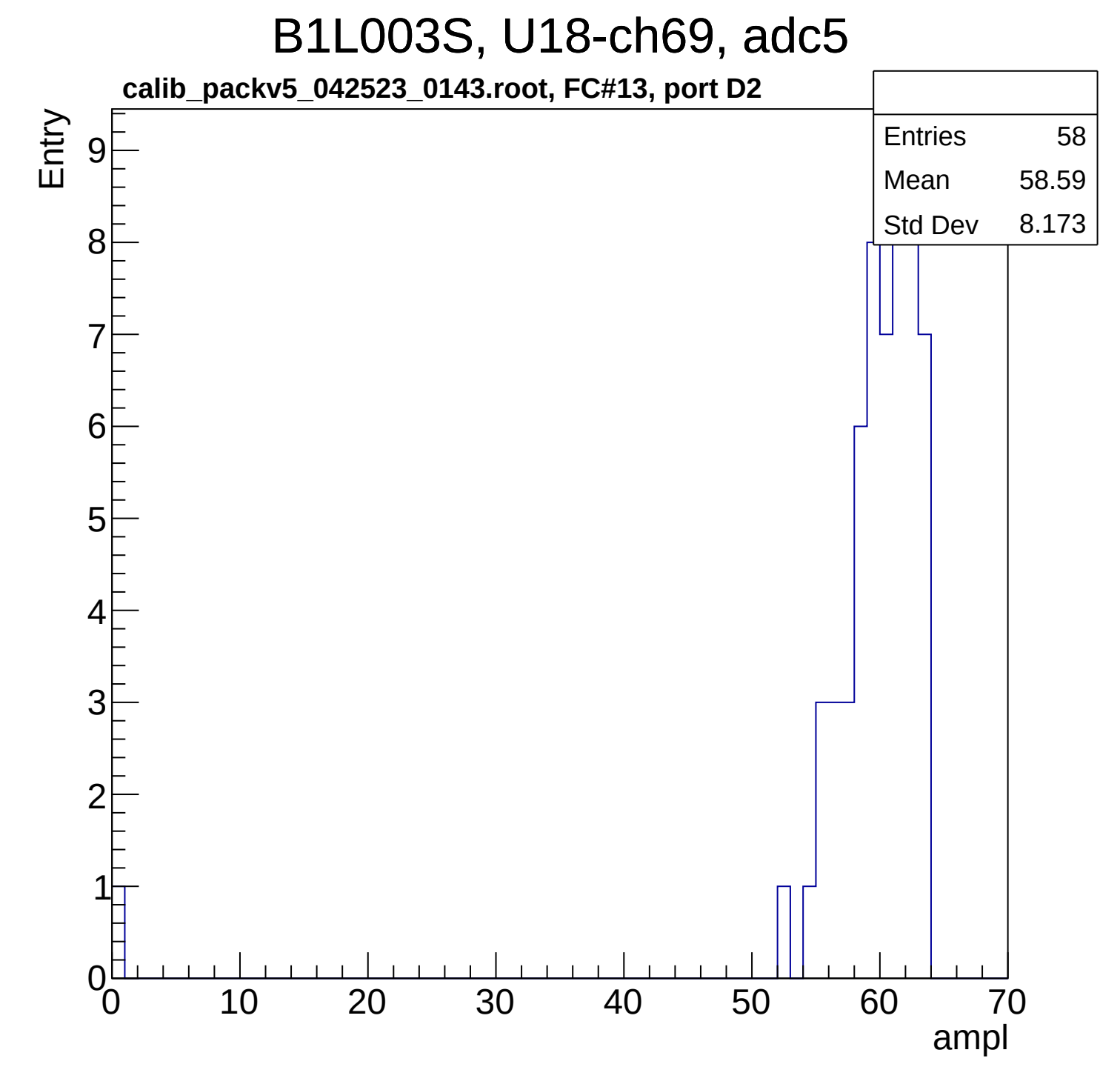

B1L003S, U18-ch69, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 30.07
Std Dev 5.521
Gaus mean : 31.7000
Gaus Width: 4.7974
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

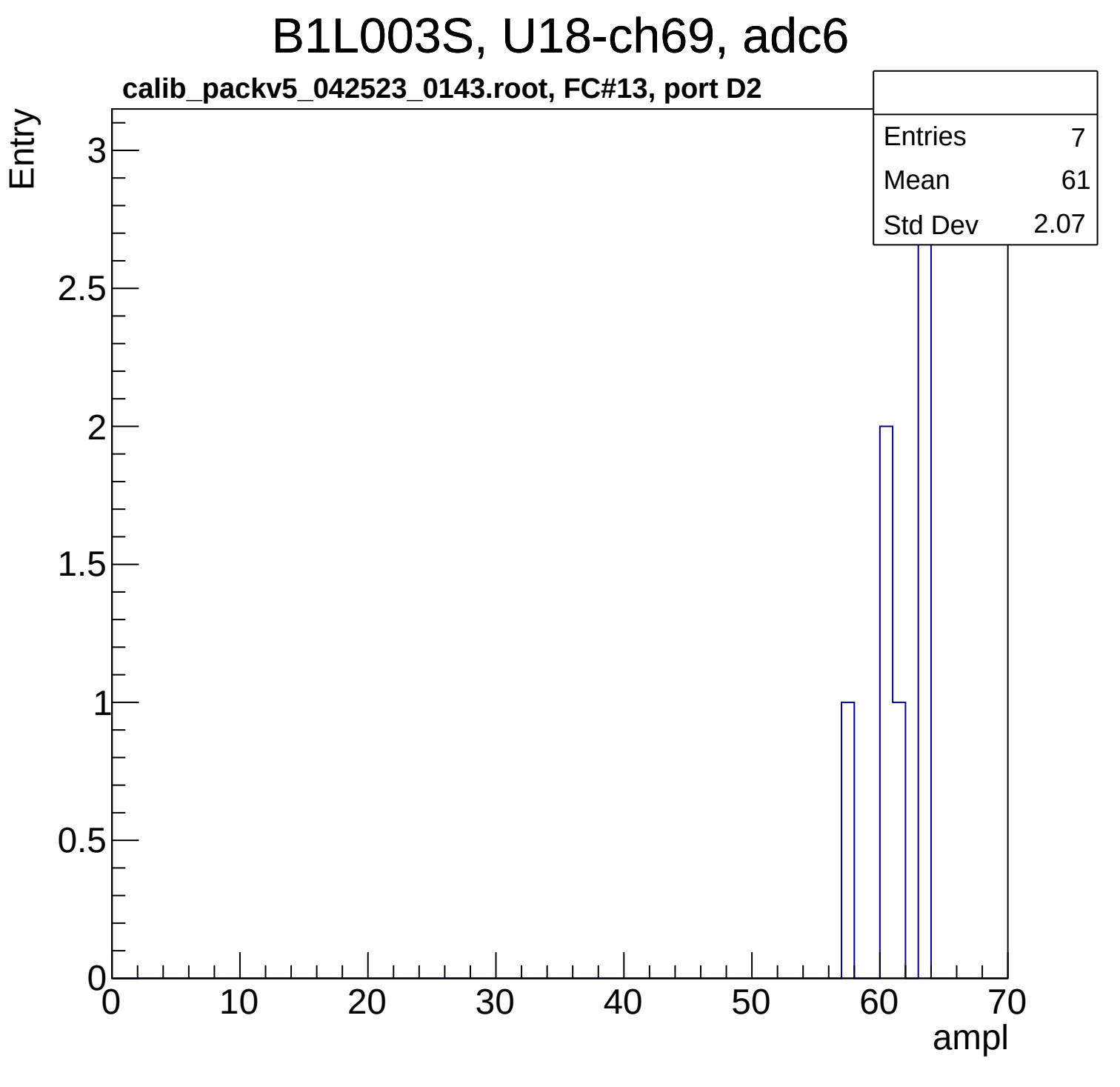

B1L003S, U18-ch69, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 37.05
Std Dev 3.675
Gaus mean : 37.3970
Gaus Width: 3.9657
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

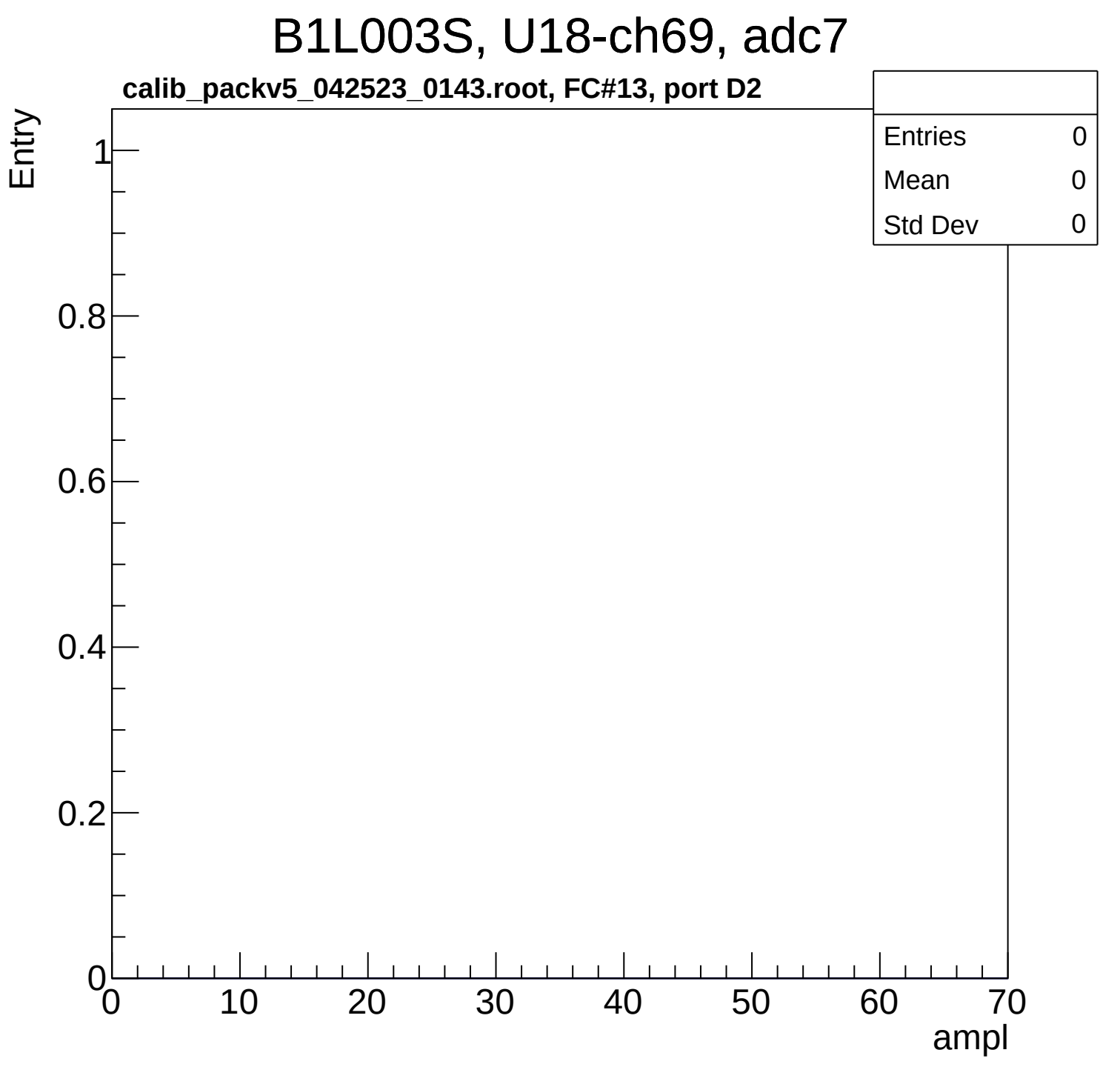

B1L003S, U18-ch69, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 43.56
Std Dev 4.013
Gaus mean : 44.1396
Gaus Width: 3.6616
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

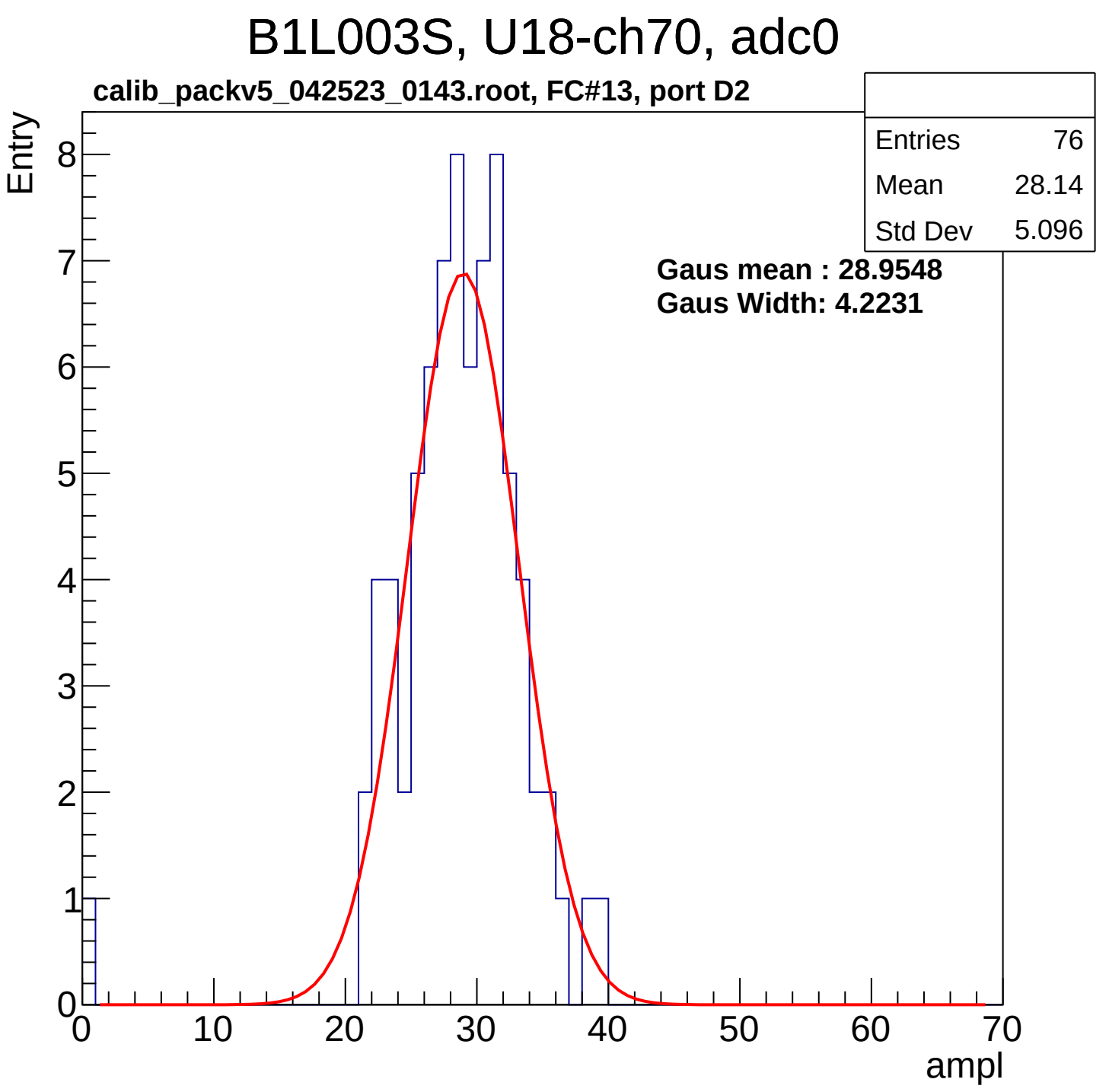

B1L003S, U18-ch69, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 49.44
Std Dev 3.302
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

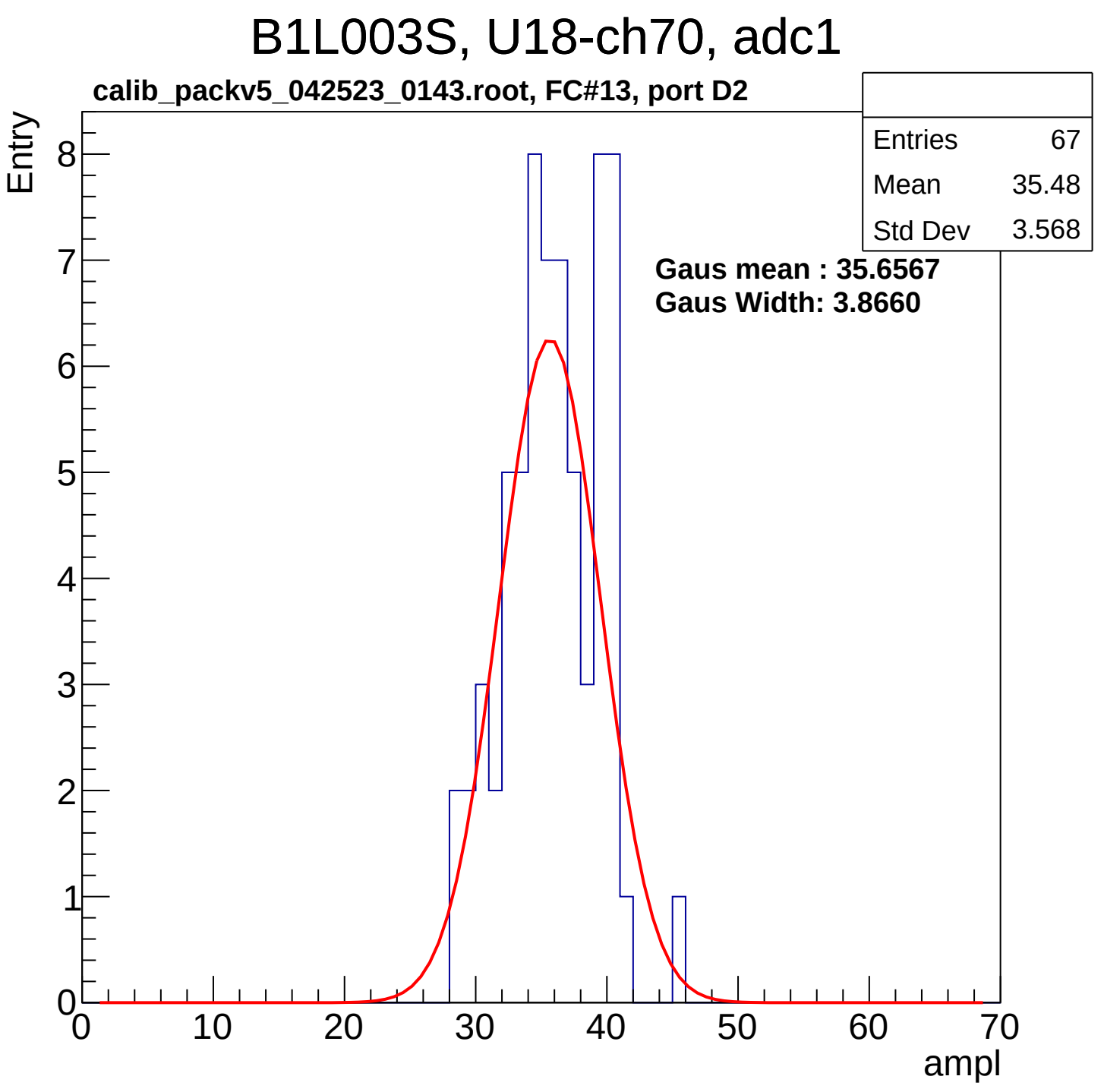

B1L003S, U18-ch69, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 55.54
Std Dev 2.543
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

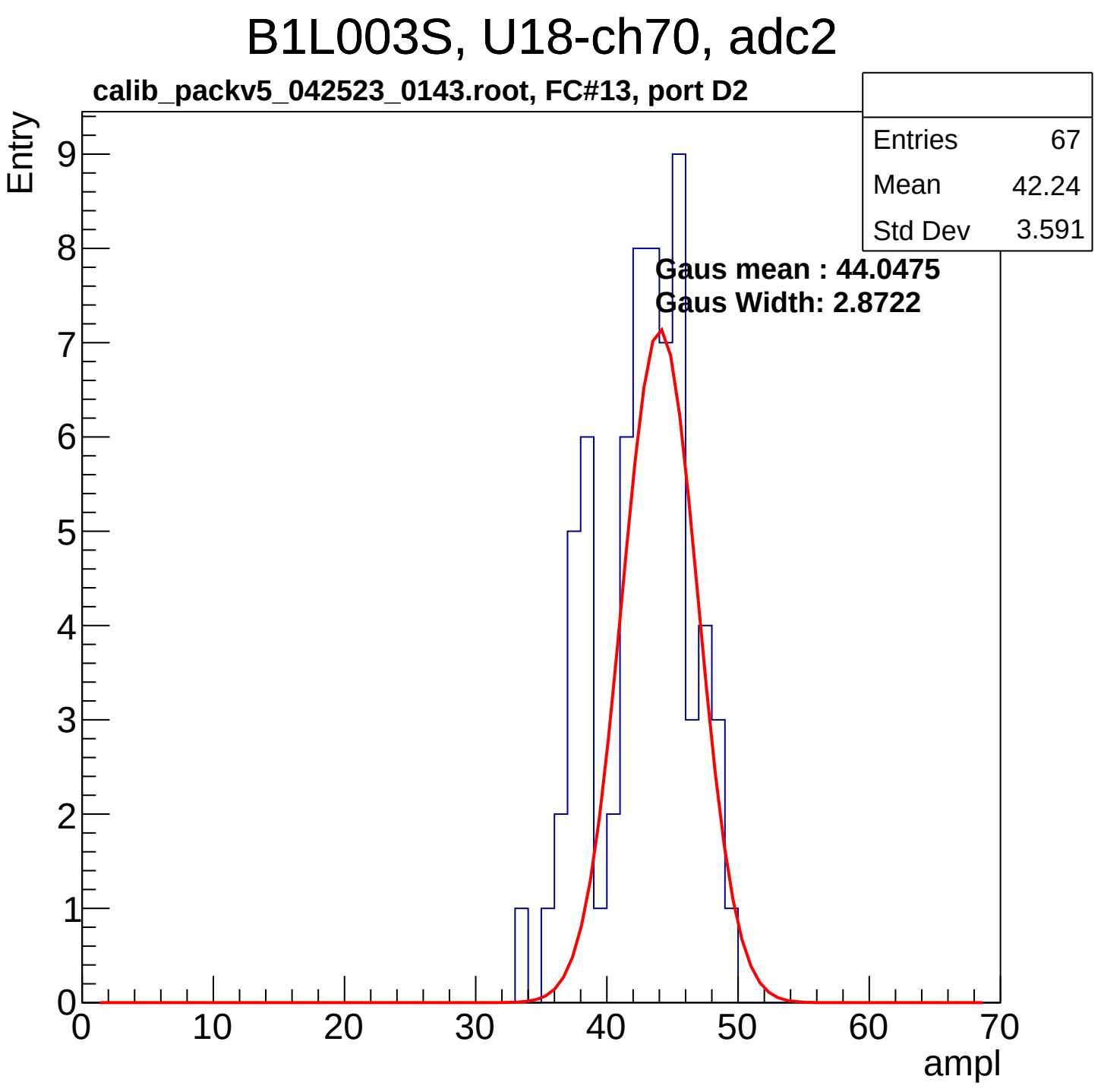

B1L003S, U18-ch69, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 58.59
Std Dev 8.173
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

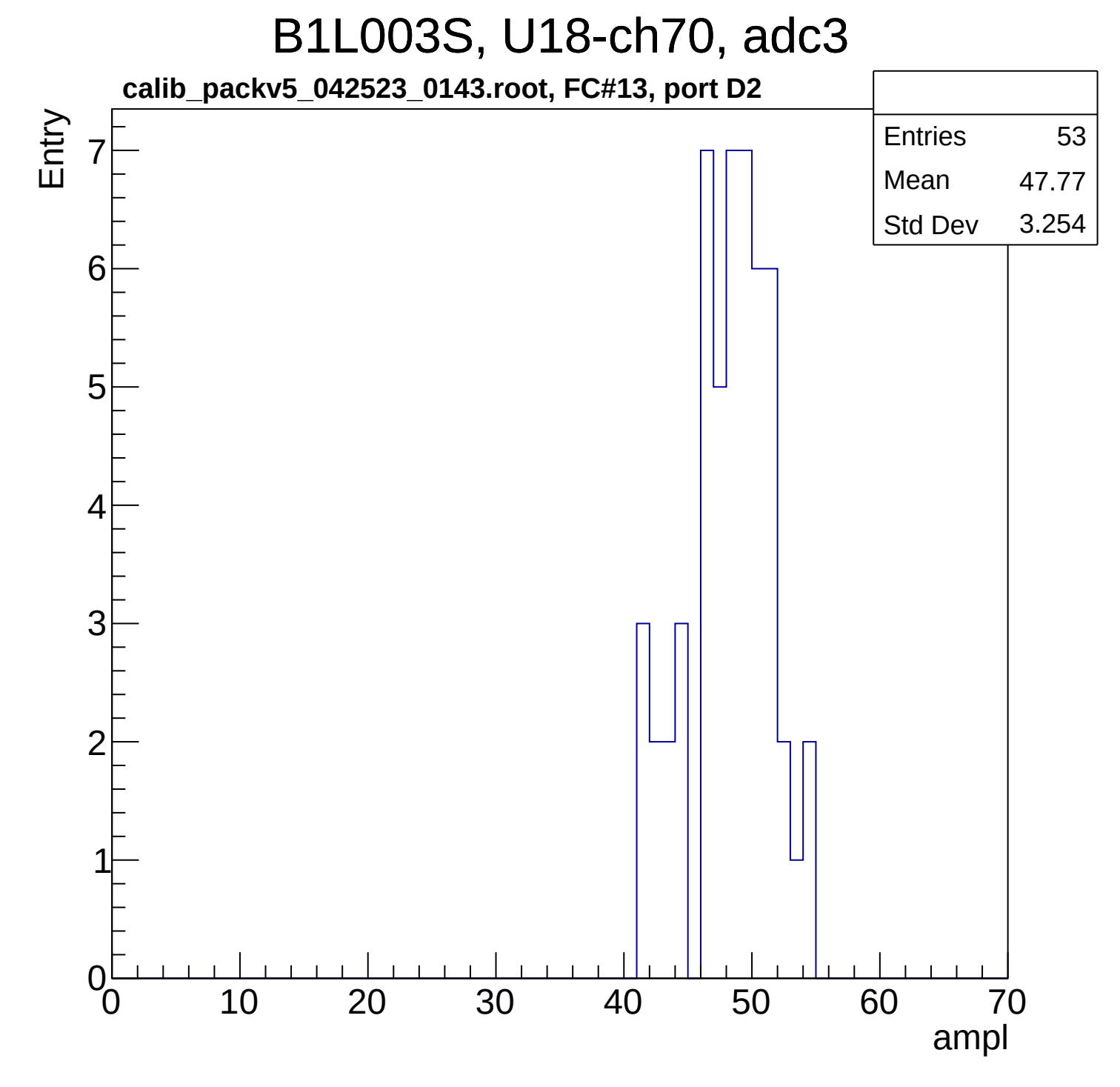

B1L003S, U18-ch69, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 61
Std Dev 2.07
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

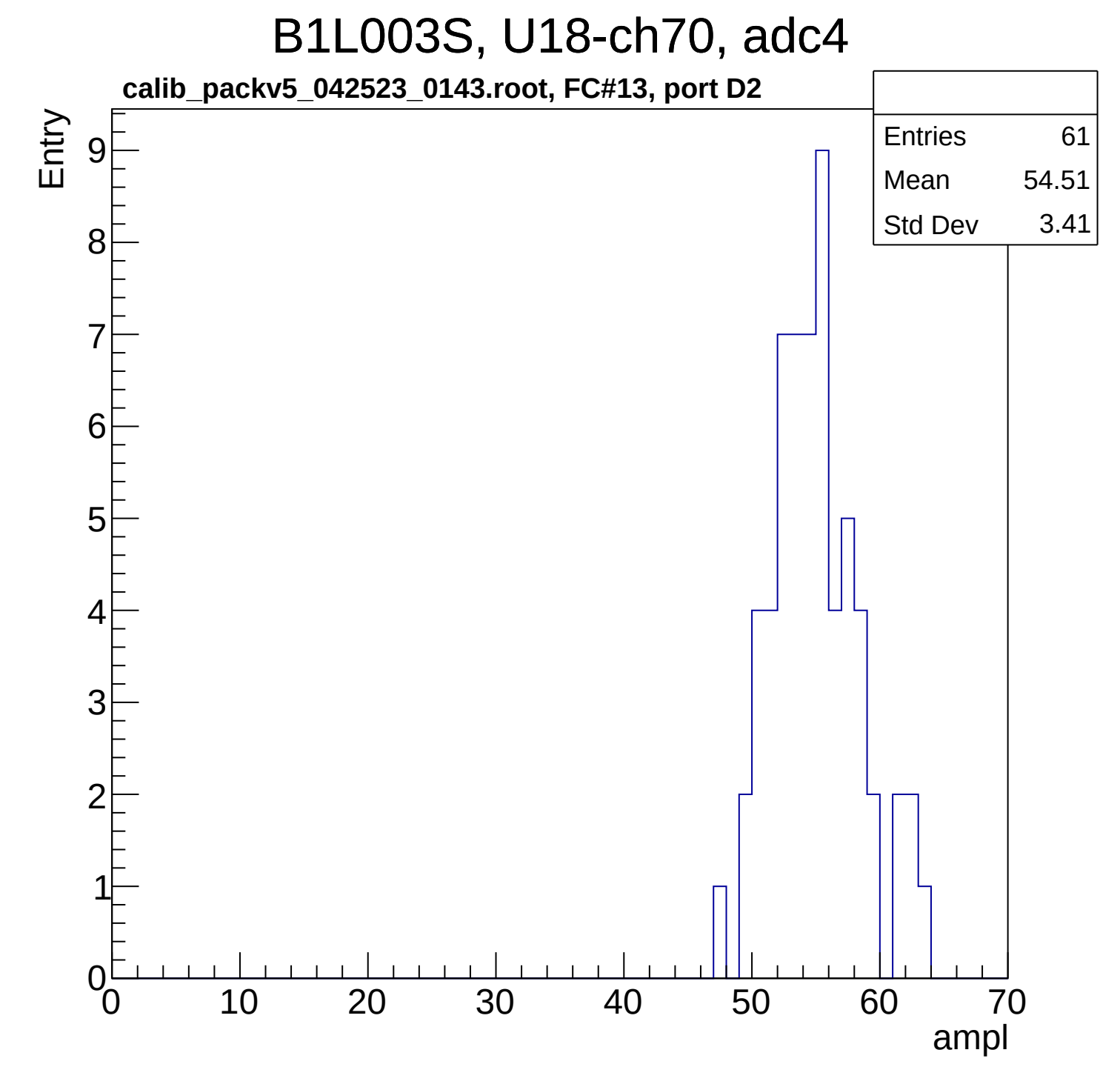

B1L003S, U18-ch69, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

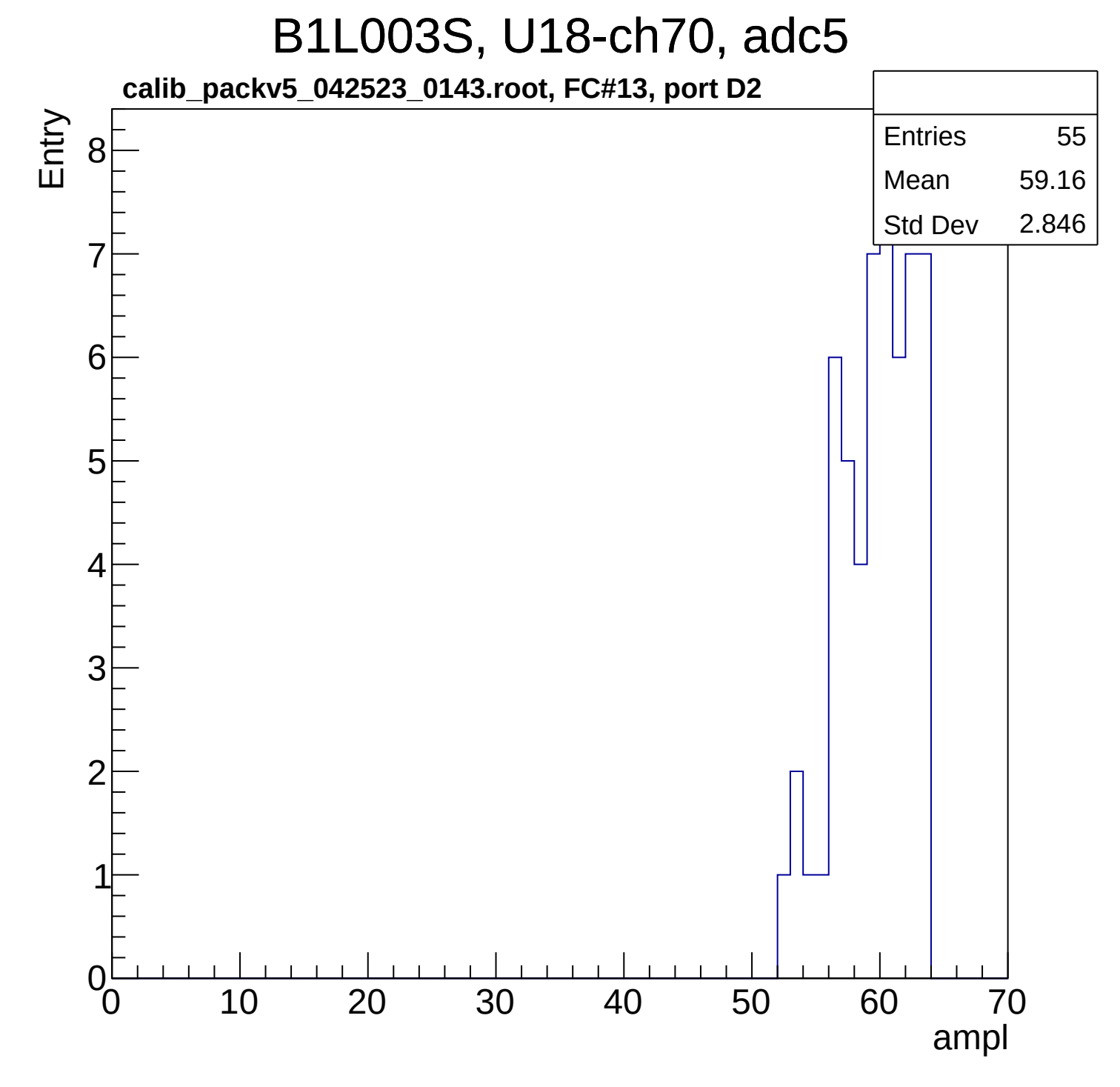

B1L003S, U18-ch70, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 28.14
Std Dev 5.096
Gaus mean : 28.9548
Gaus Width: 4.2231
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

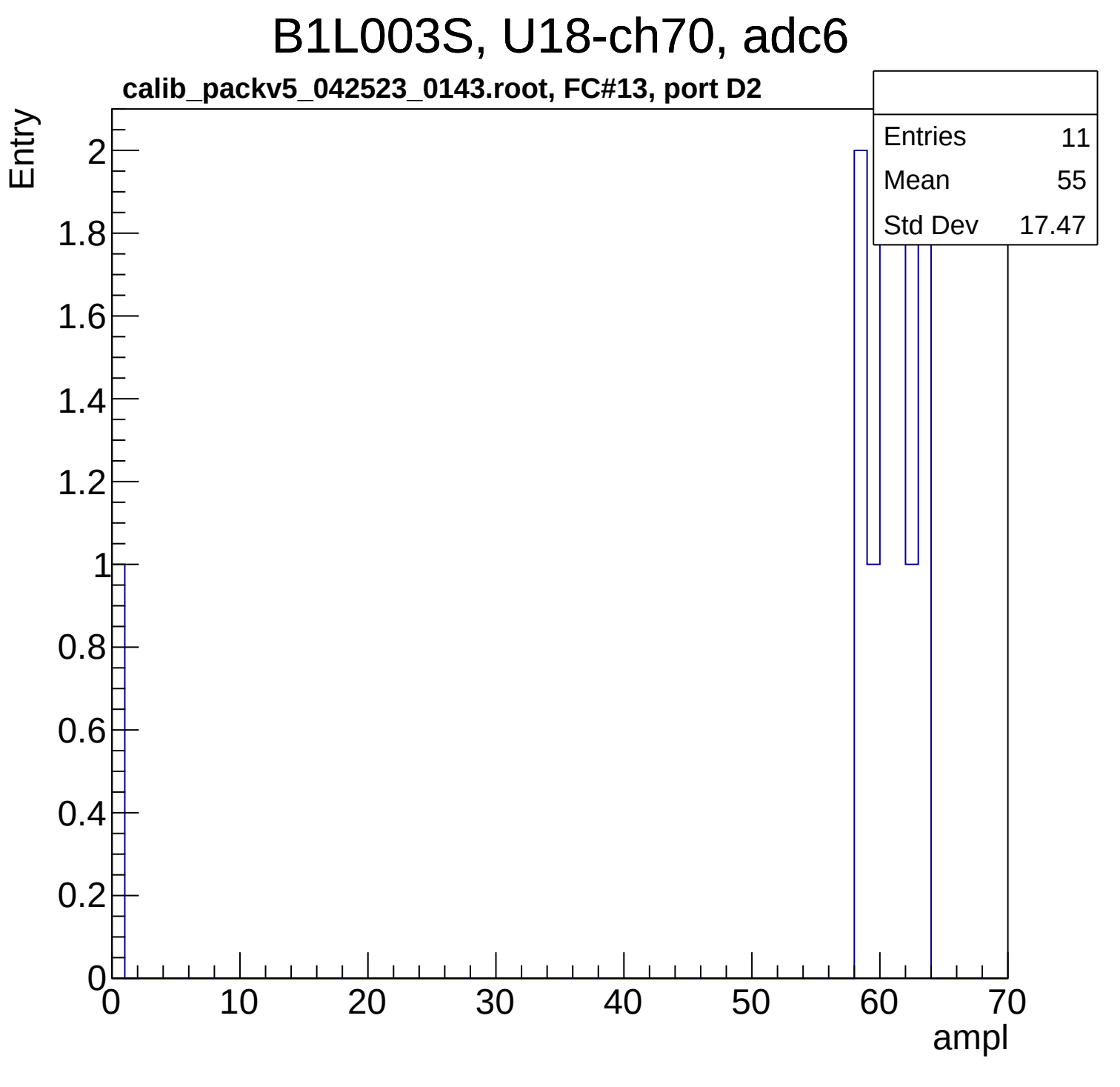

B1L003S, U18-ch70, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 35.48
Std Dev 3.568
Gaus mean : 35.6567
Gaus Width: 3.8660
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

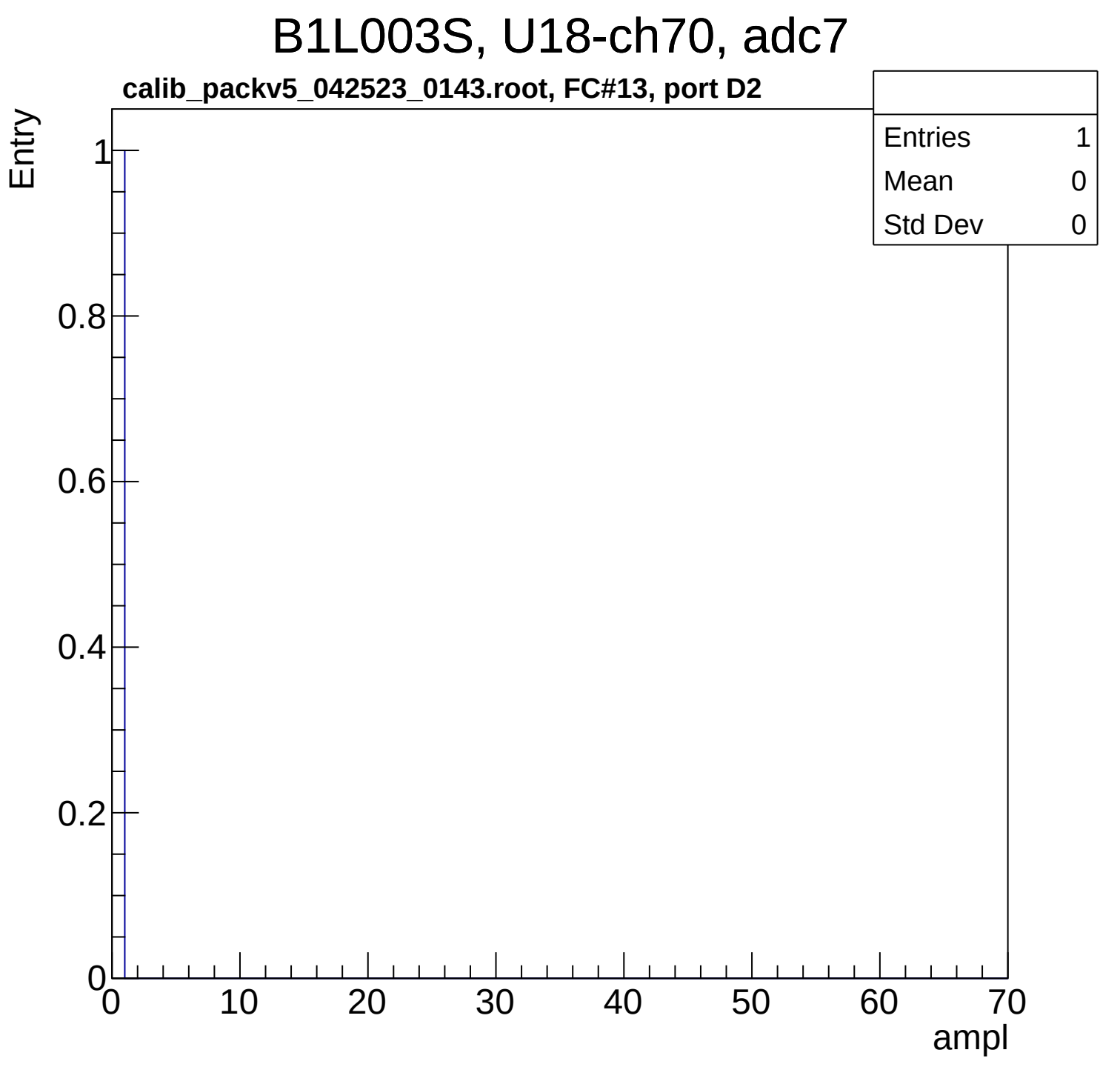

B1L003S, U18-ch70, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 42.24
Std Dev 3.591
Gaus mean : 44.0475
Gaus Width: 2.8722
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

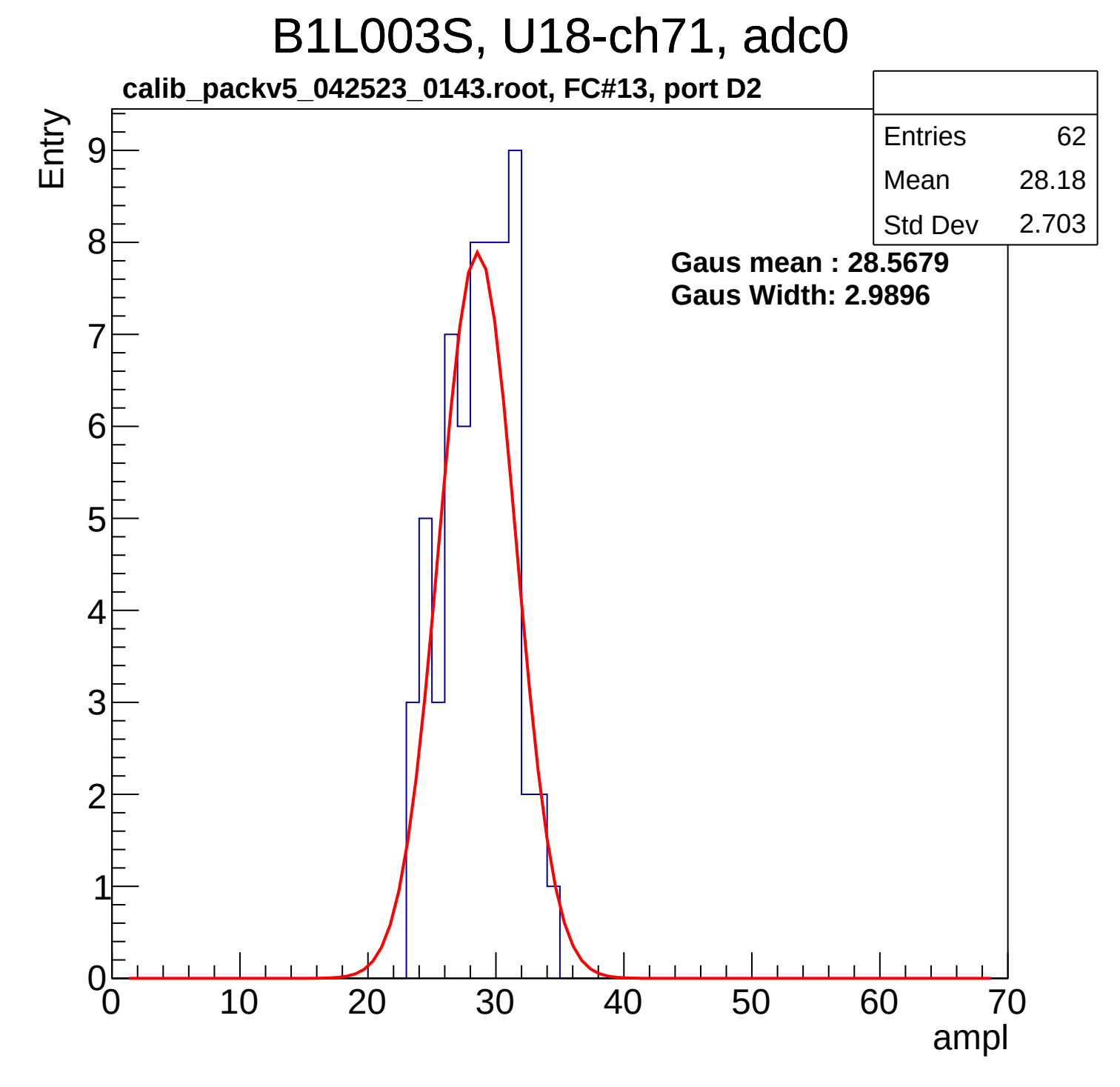

B1L003S, U18-ch70, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 47.77
Std Dev 3.254
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

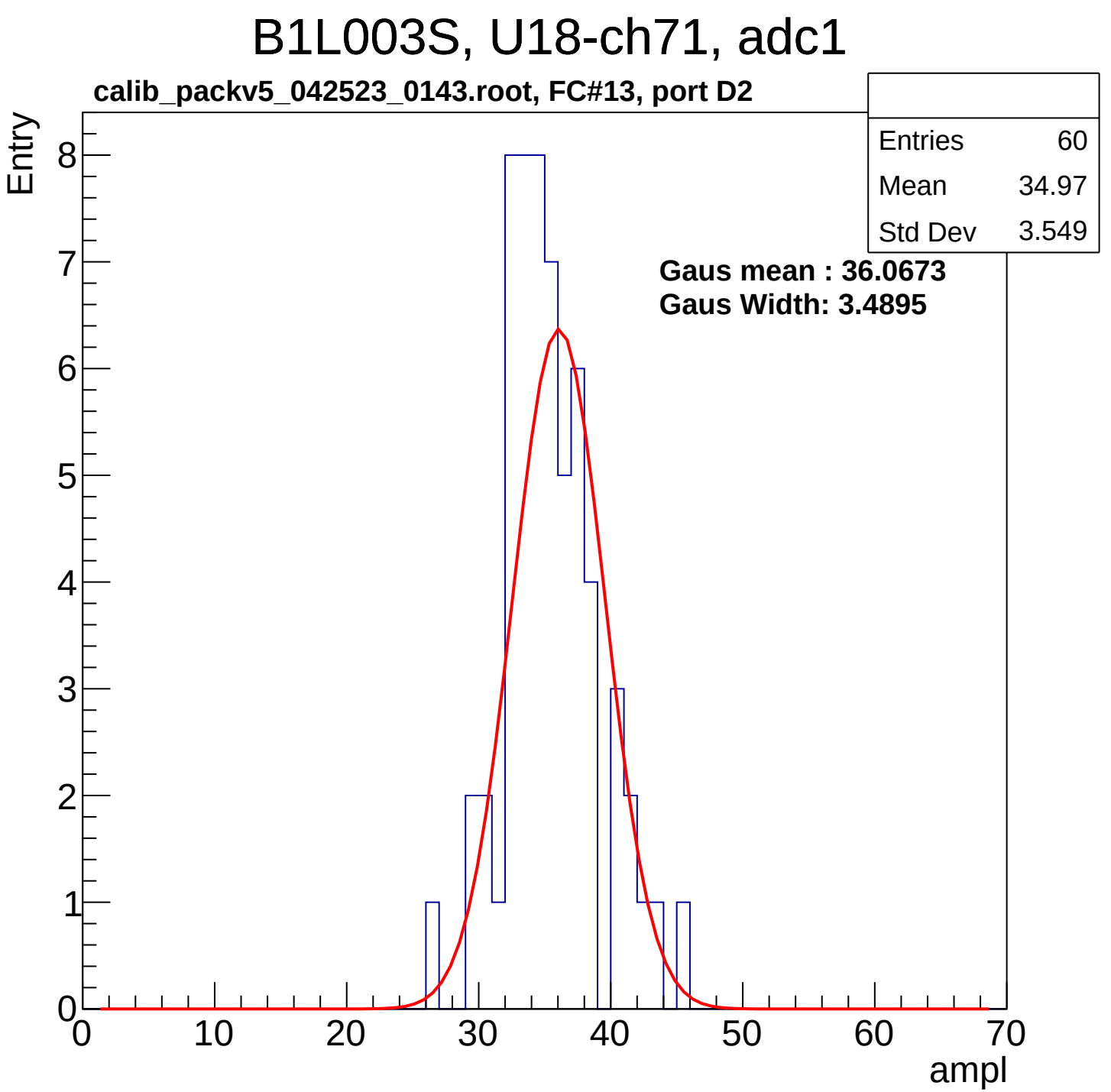

B1L003S, U18-ch70, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 54.51
Std Dev 3.41
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

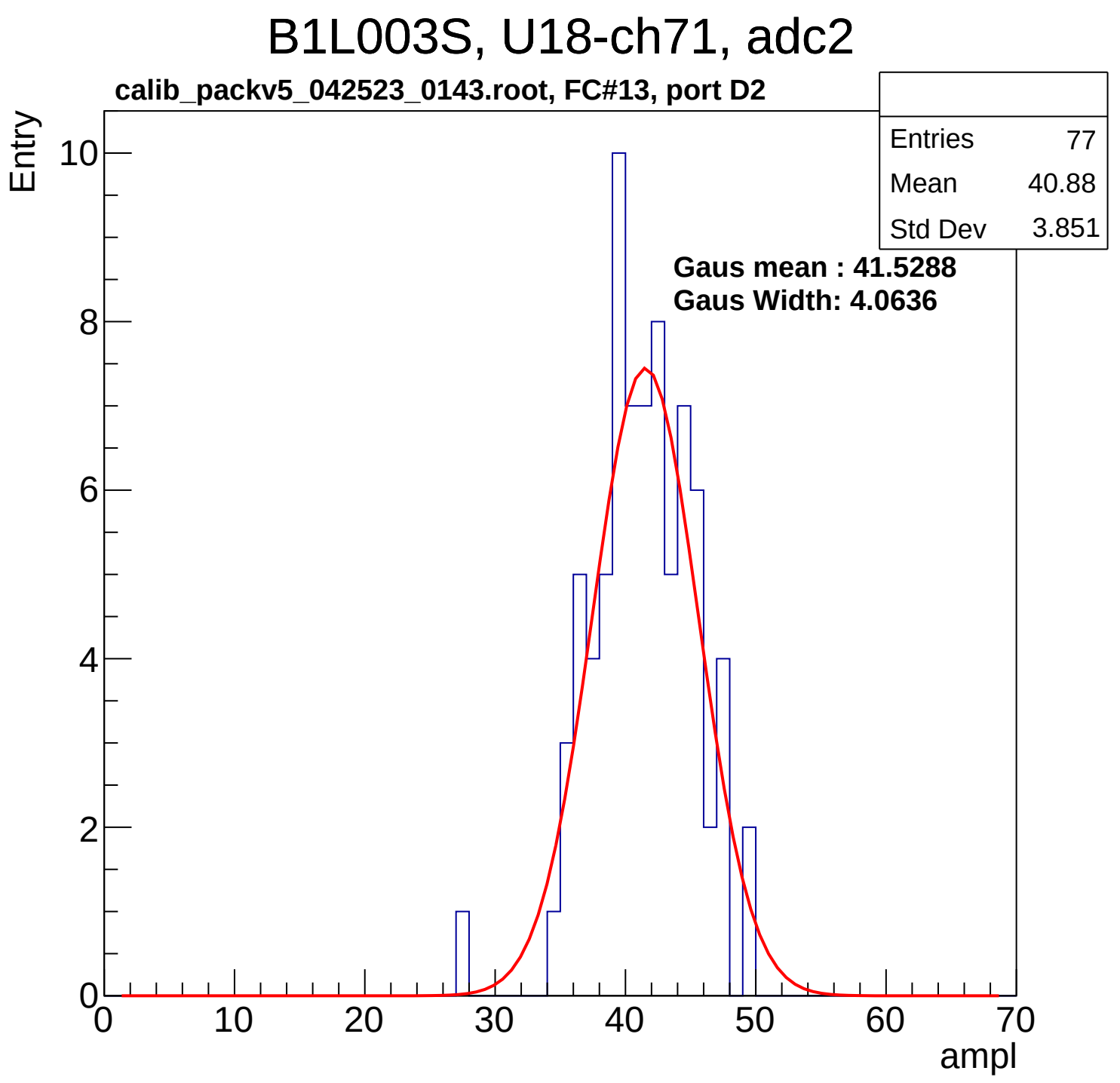

B1L003S, U18-ch70, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 59.16
Std Dev 2.846
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

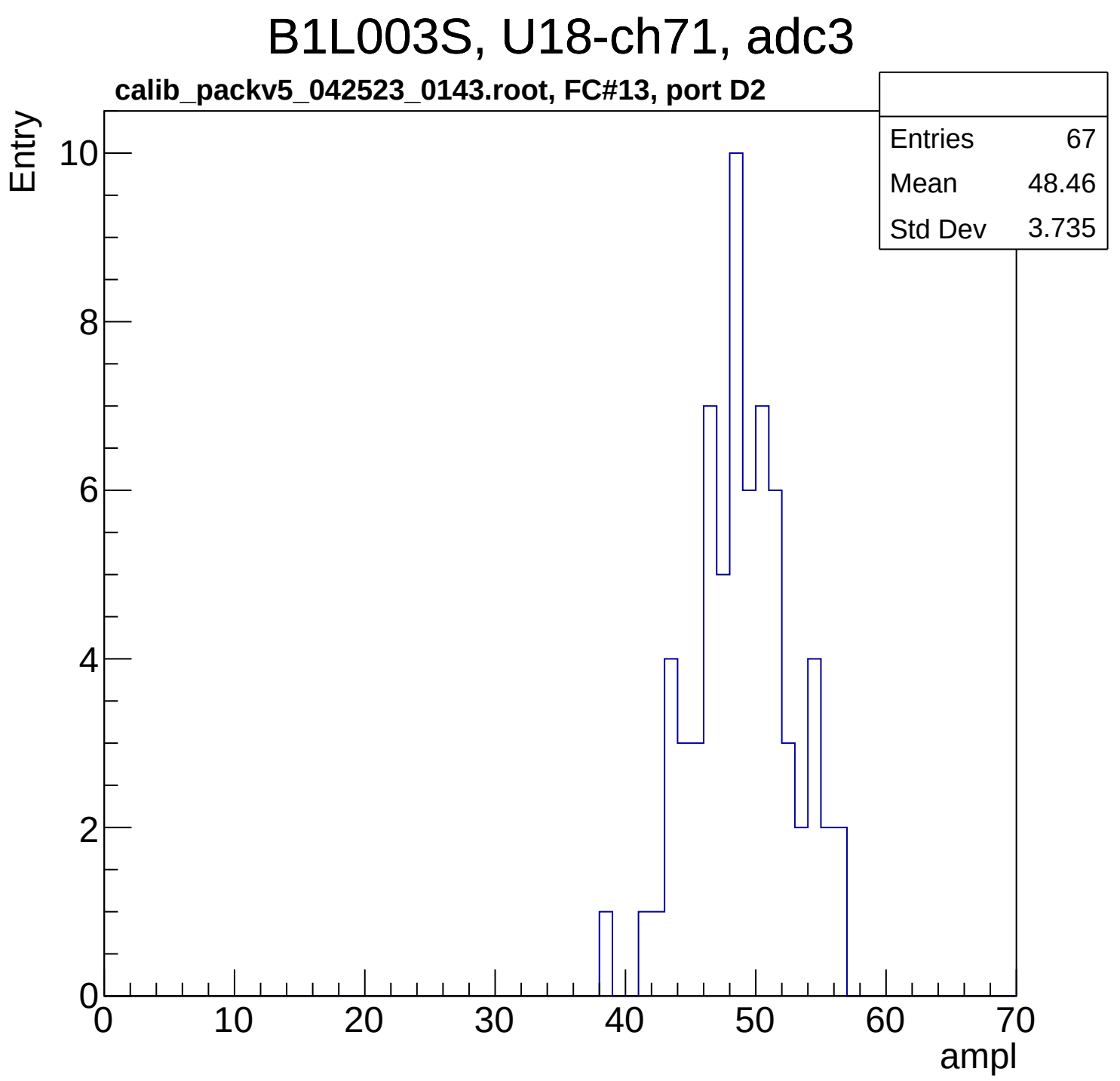

B1L003S, U18-ch70, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 55
Std Dev 17.47
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

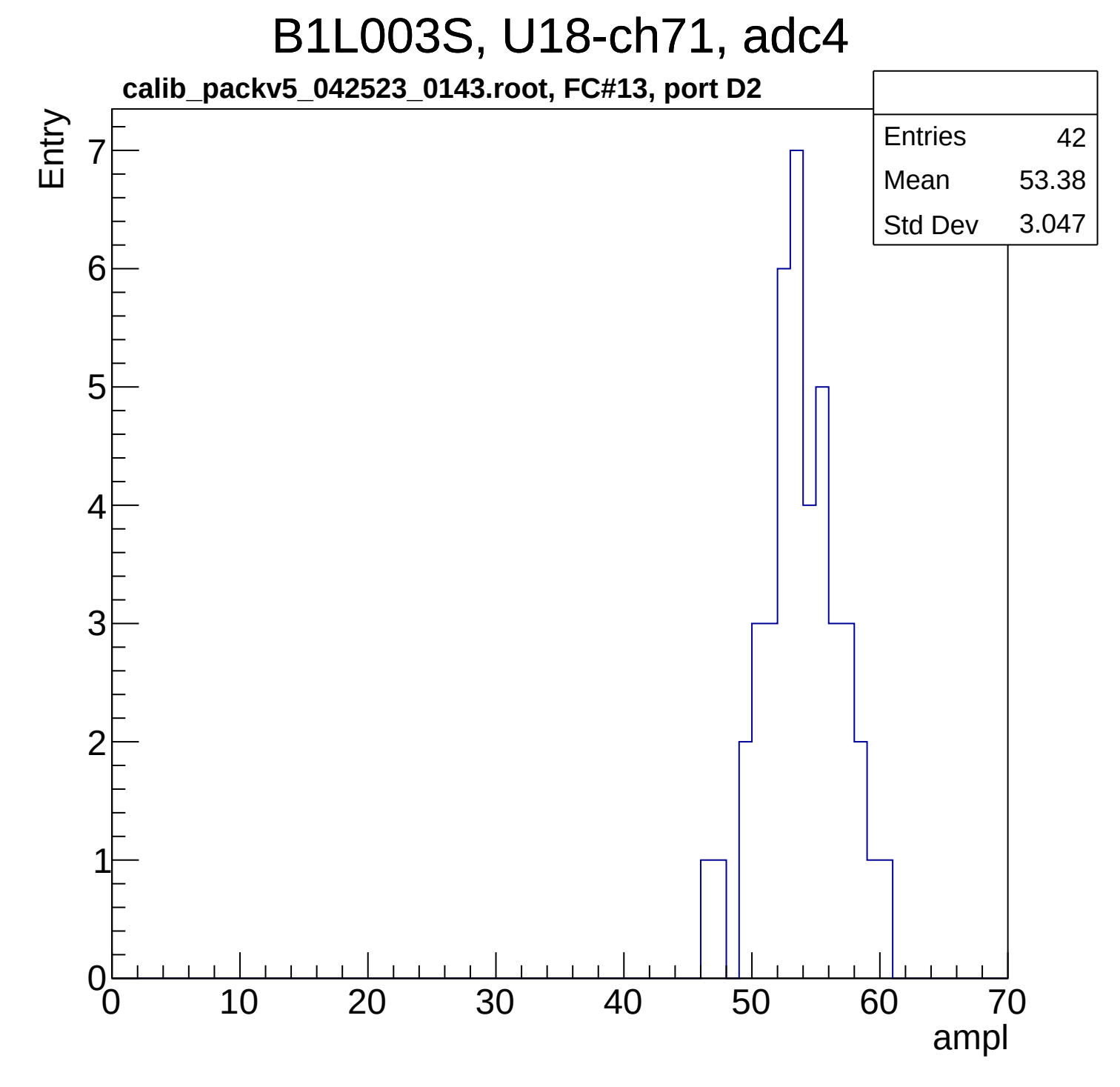

B1L003S, U18-ch70, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

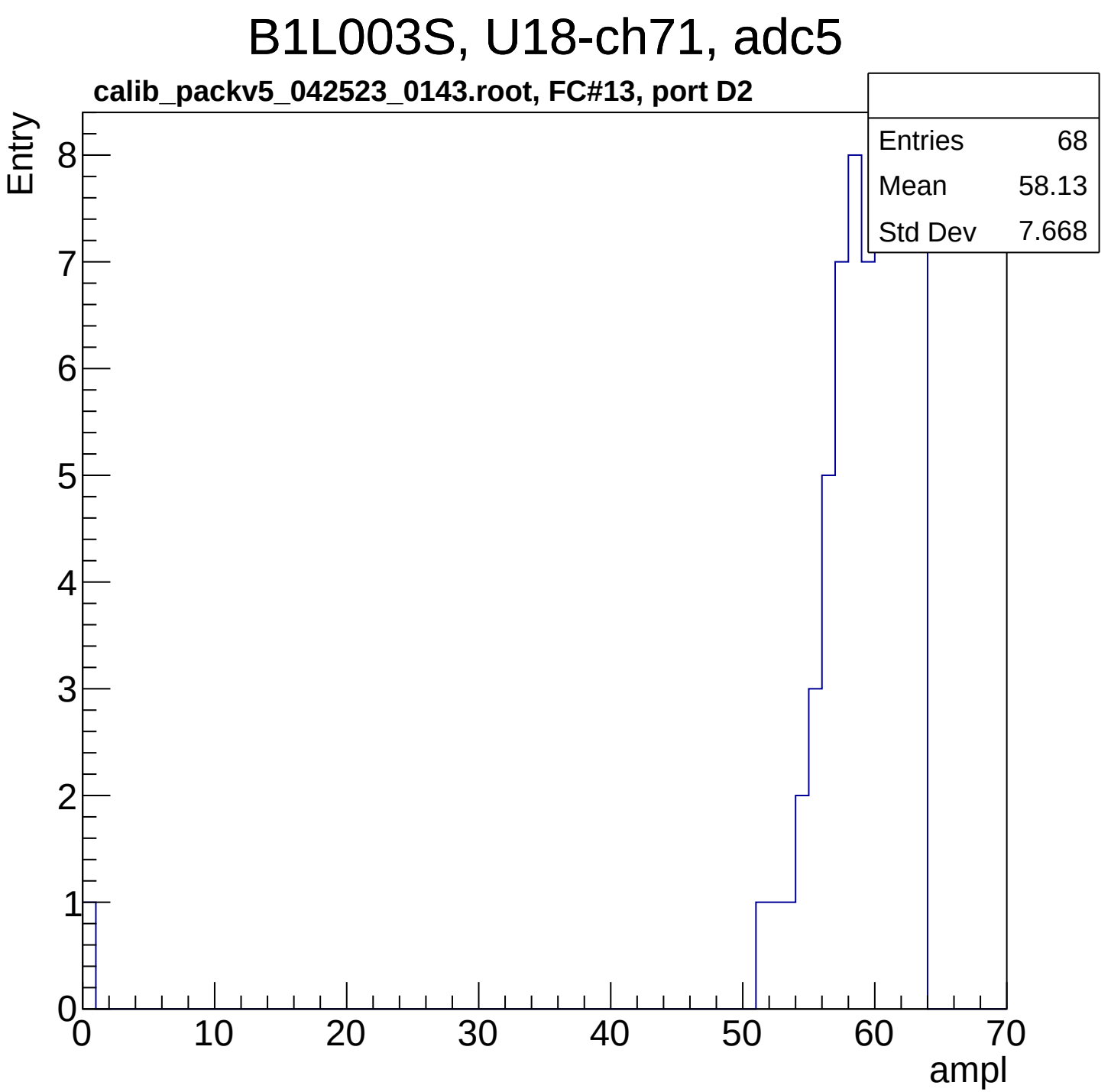

B1L003S, U18-ch71, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 28.18
Std Dev 2.703
Gaus mean : 28.5679
Gaus Width: 2.9896
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

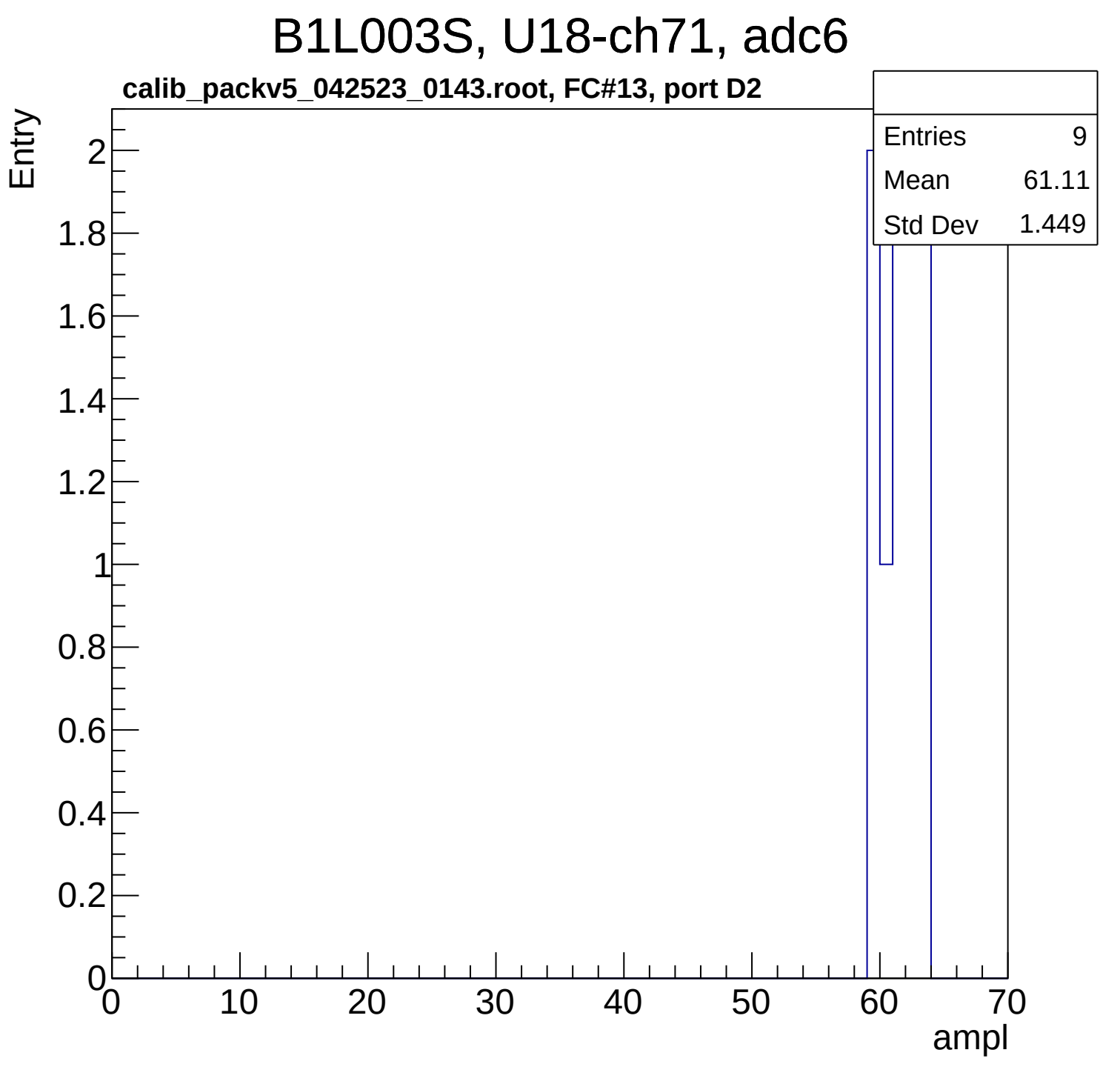

B1L003S, U18-ch71, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 34.97
Std Dev 3.549
Gaus mean : 36.0673
Gaus Width: 3.4895
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

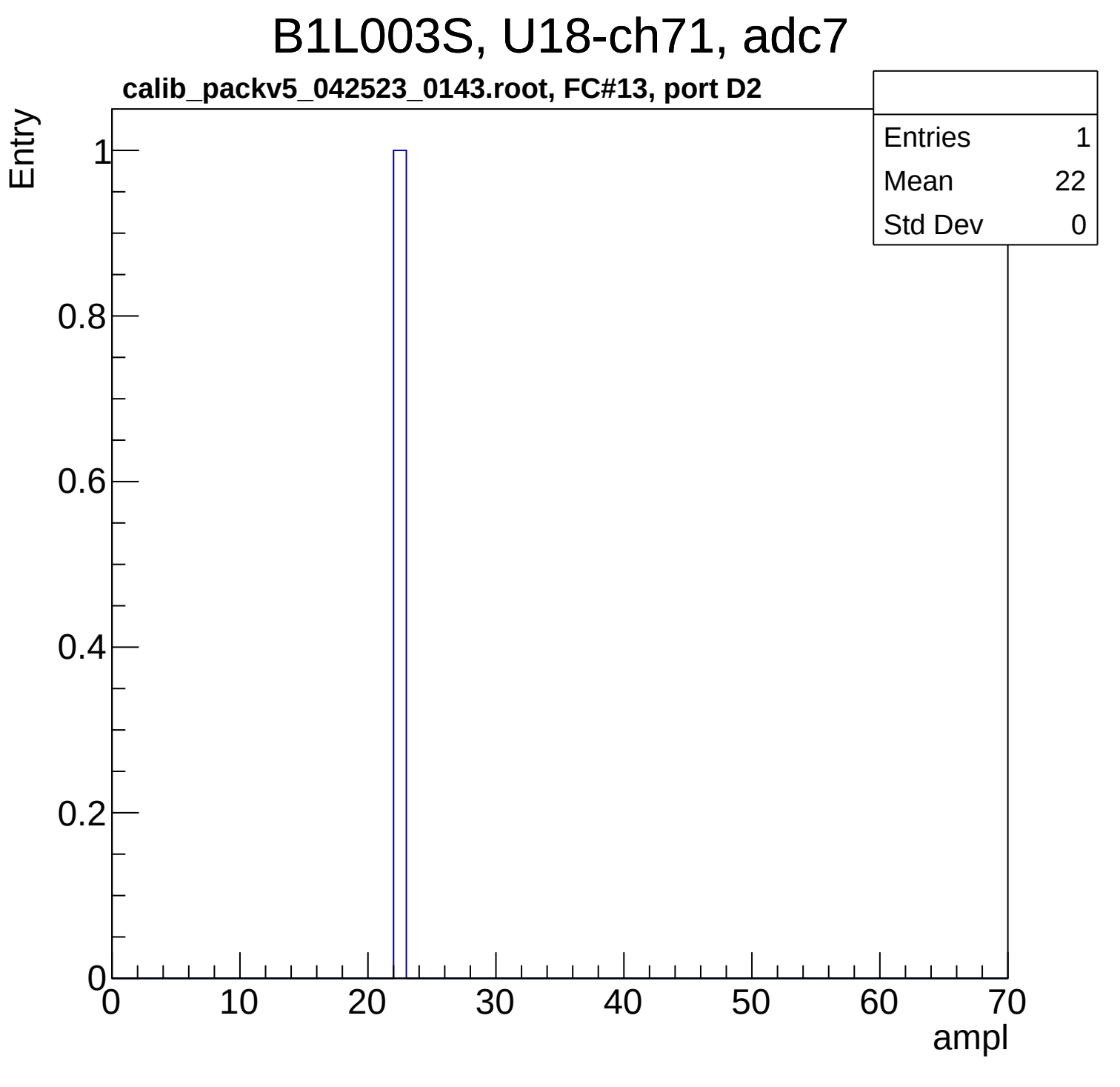

B1L003S, U18-ch71, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 40.88
Std Dev 3.851
Gaus mean : 41.5288
Gaus Width: 4.0636
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

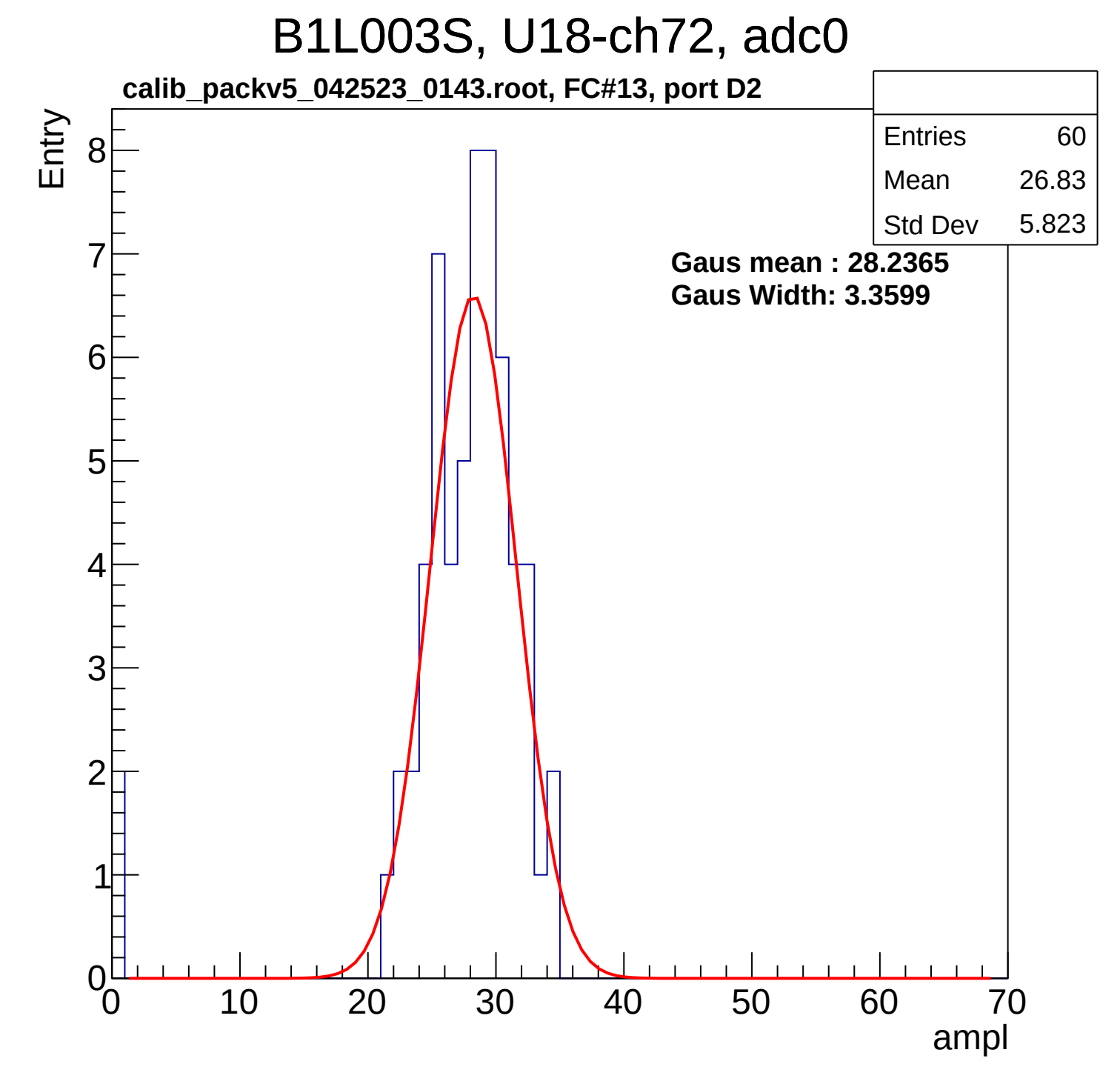

B1L003S, U18-ch71, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 48.46
Std Dev 3.735
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

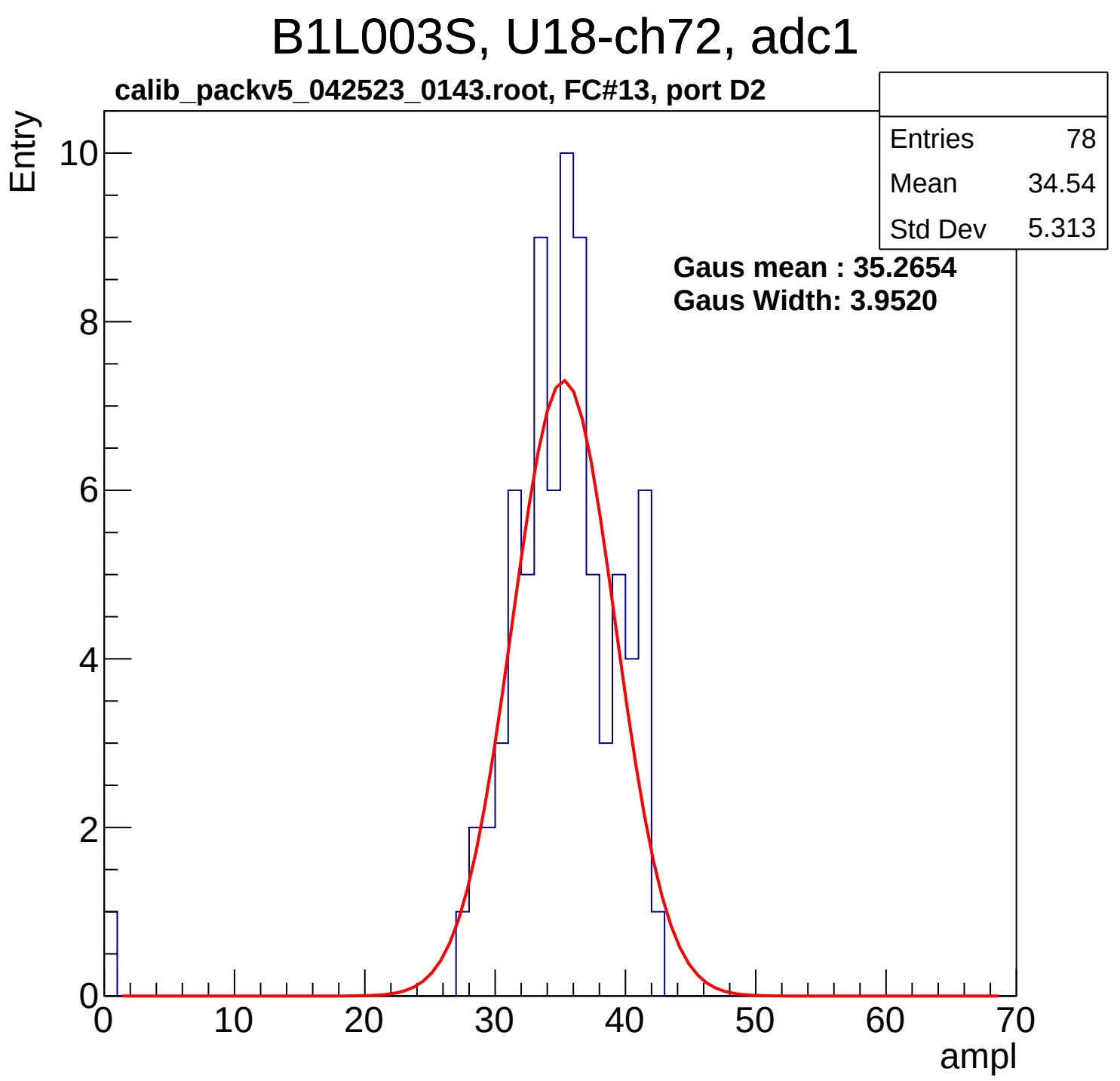

B1L003S, U18-ch71, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 53.38
Std Dev 3.047
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

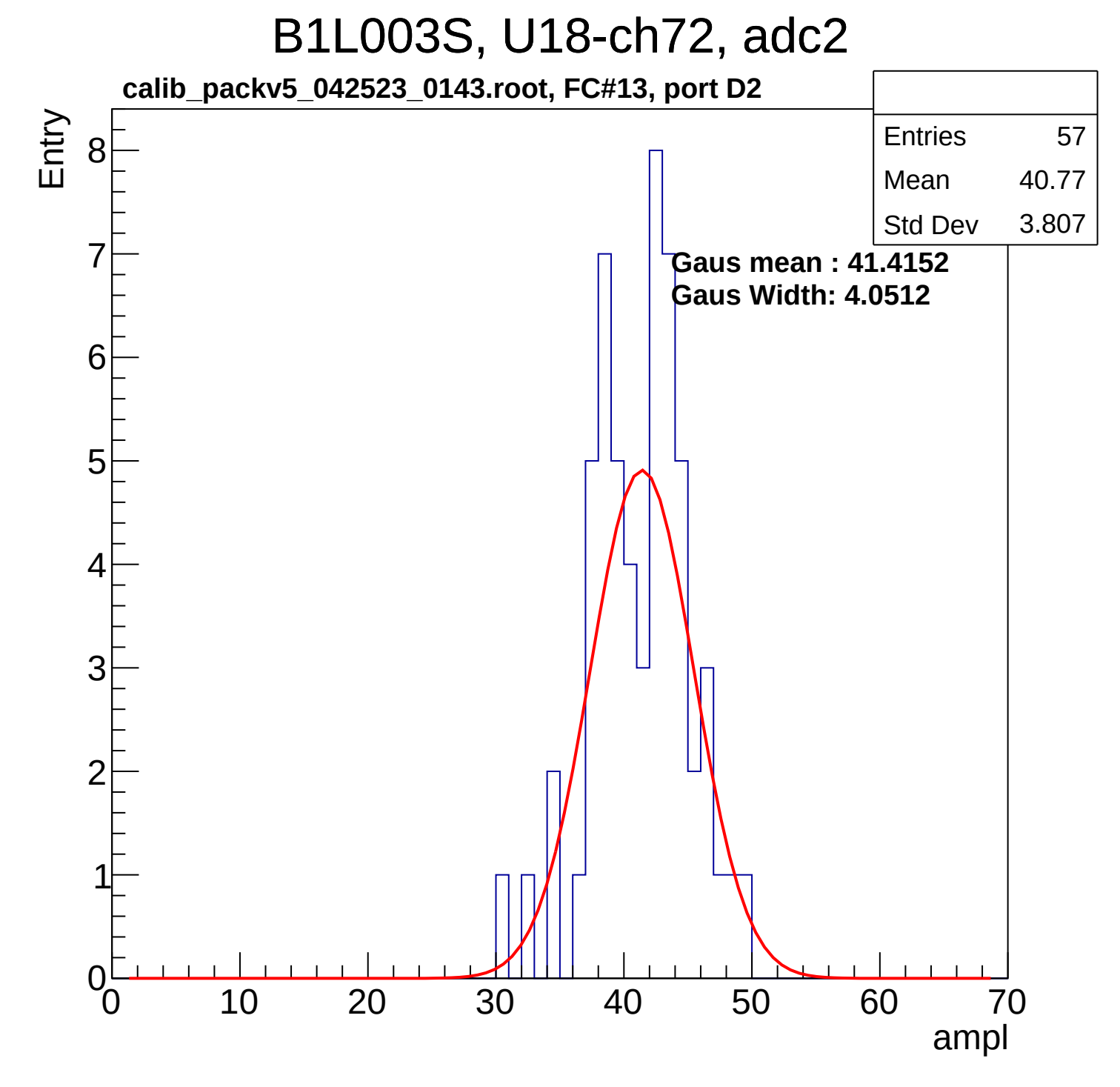

B1L003S, U18-ch71, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 58.13
Std Dev 7.668
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

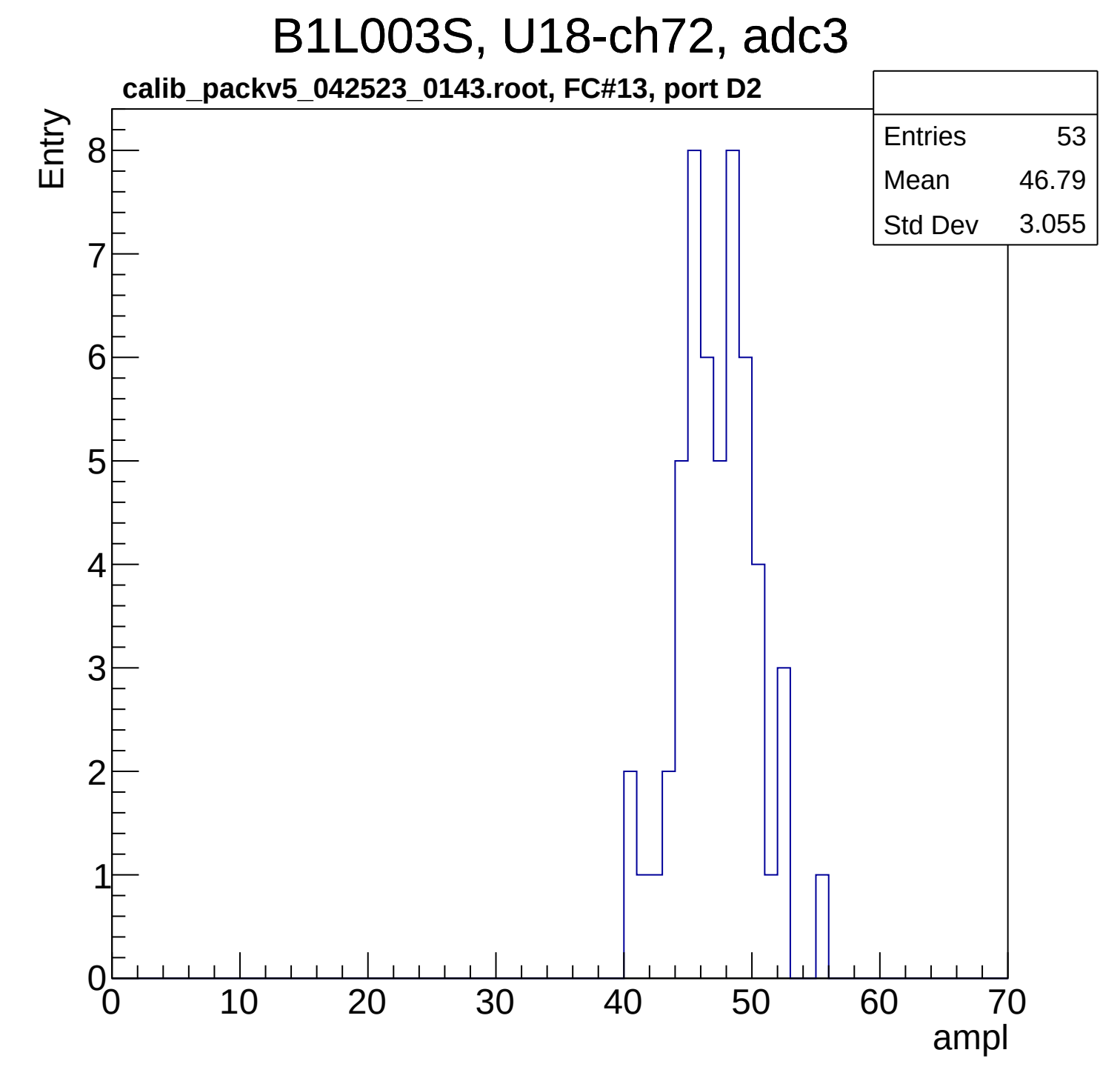

B1L003S, U18-ch71, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.11
Std Dev 1.449
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

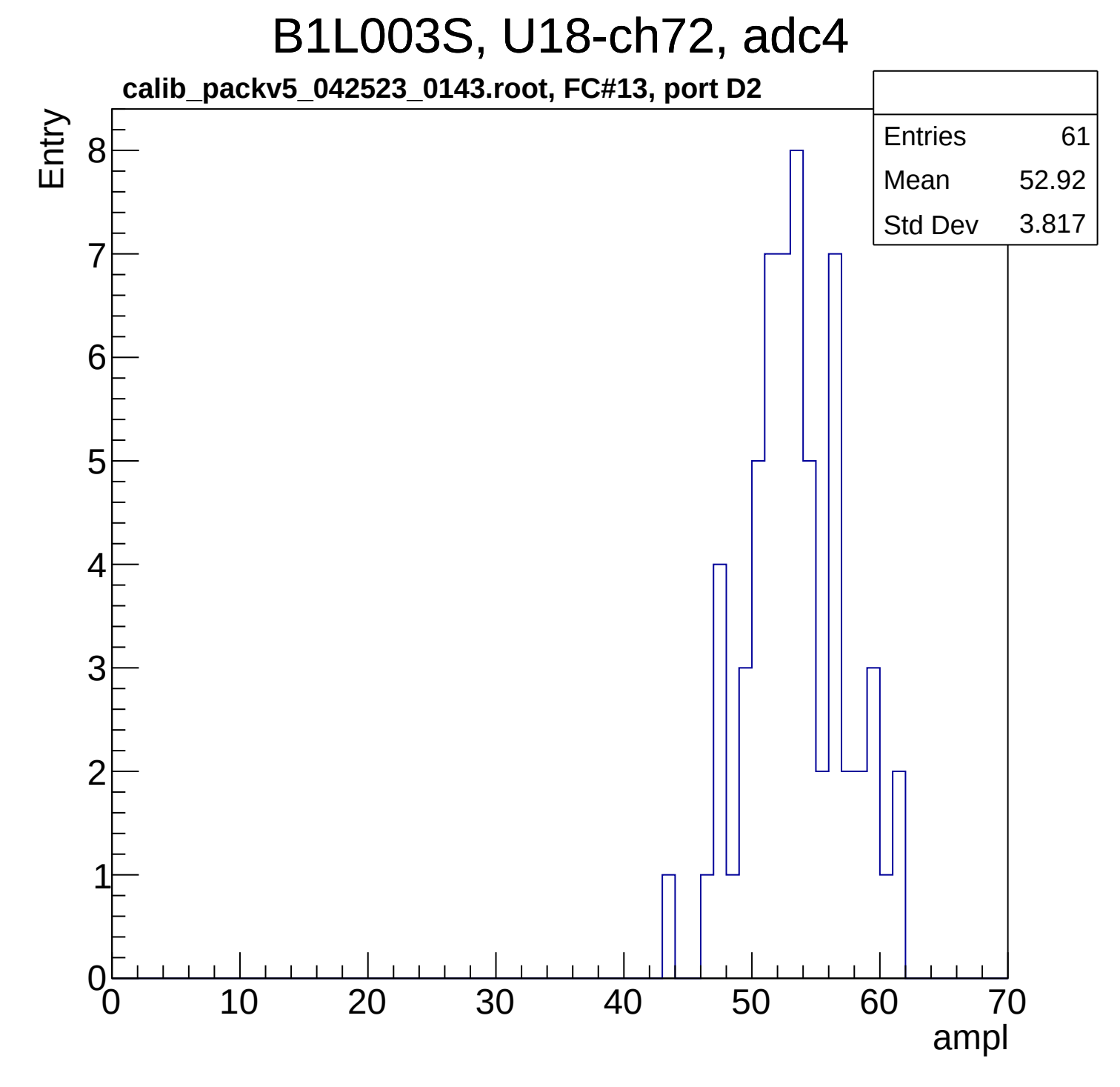

B1L003S, U18-ch71, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

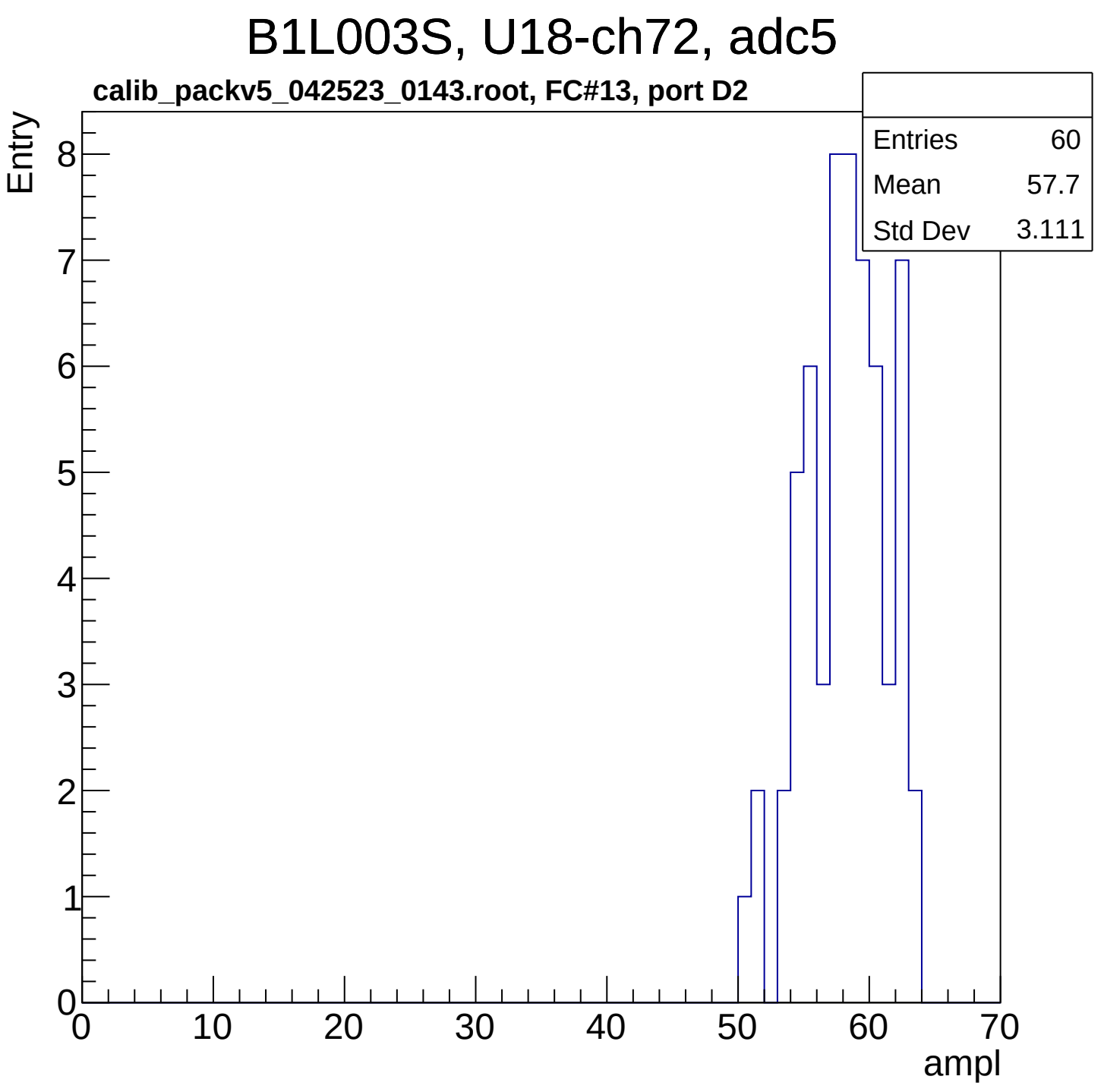

B1L003S, U18-ch72, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 26.83
Std Dev 5.823
Gaus mean : 28.2365
Gaus Width: 3.3599
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

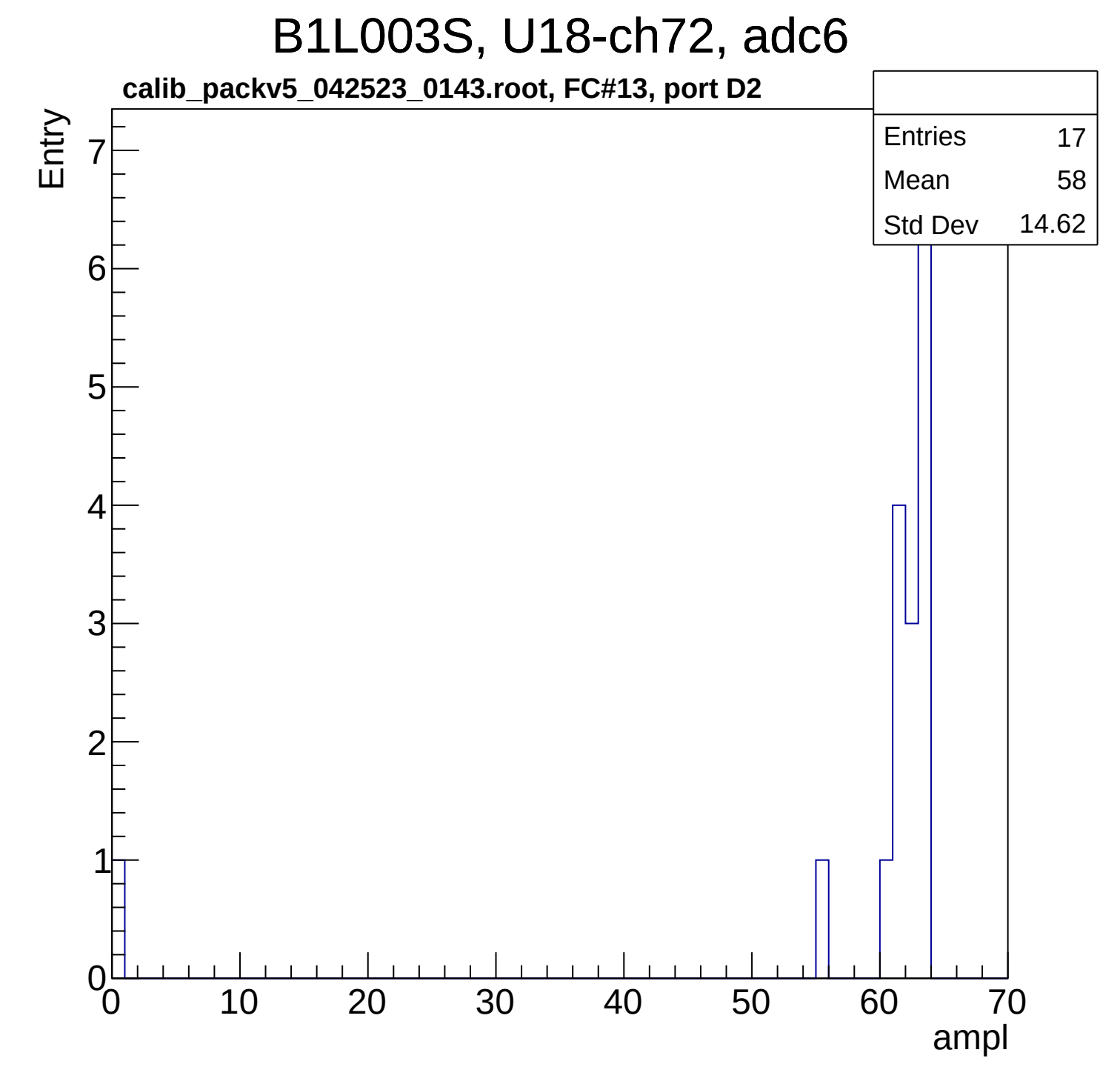

B1L003S, U18-ch72, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 34.54
Std Dev 5.313
Gaus mean : 35.2654
Gaus Width: 3.9520
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

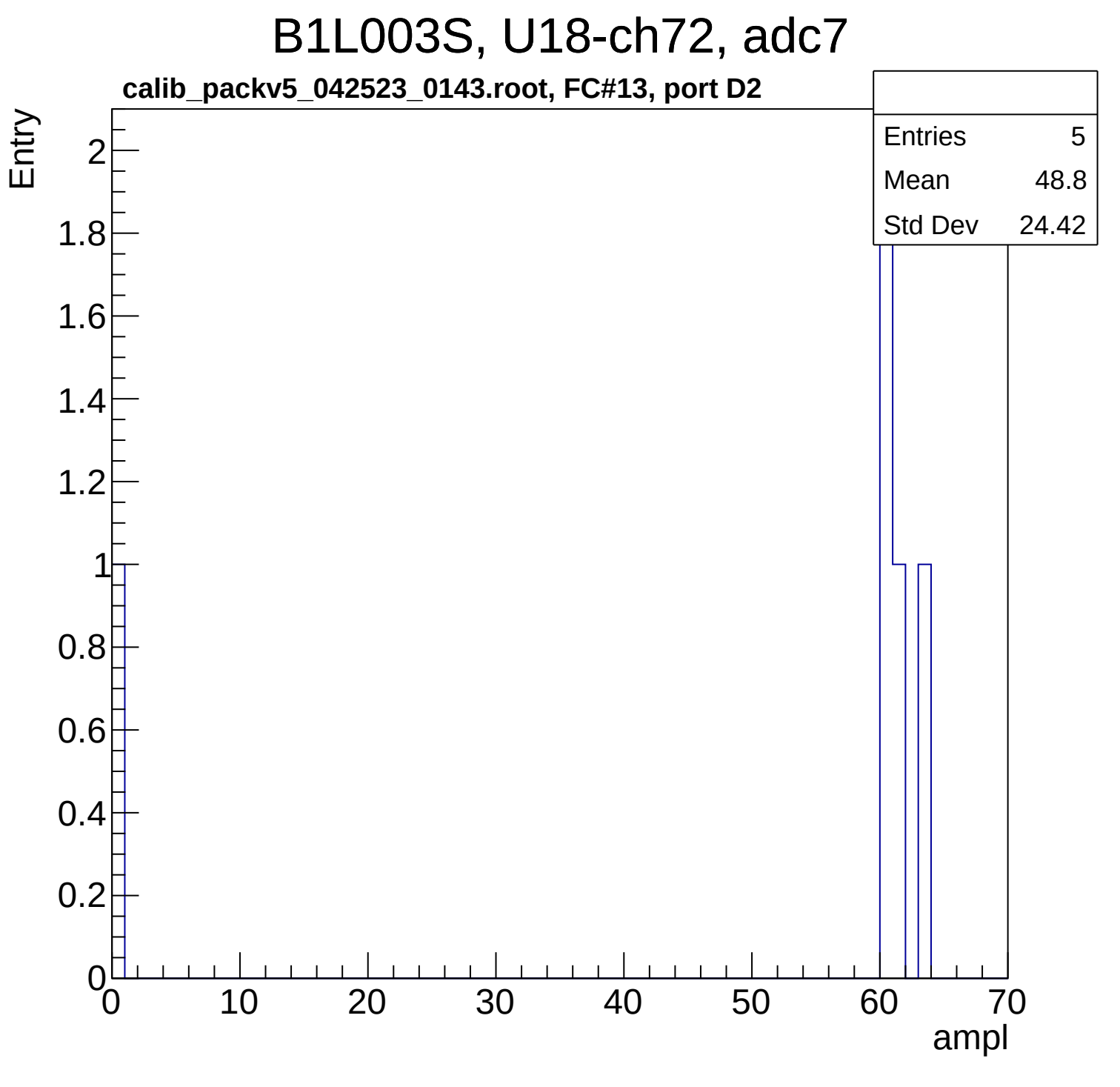

B1L003S, U18-ch72, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 40.77
Std Dev 3.807
Gaus mean : 41.4152
Gaus Width: 4.0512
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

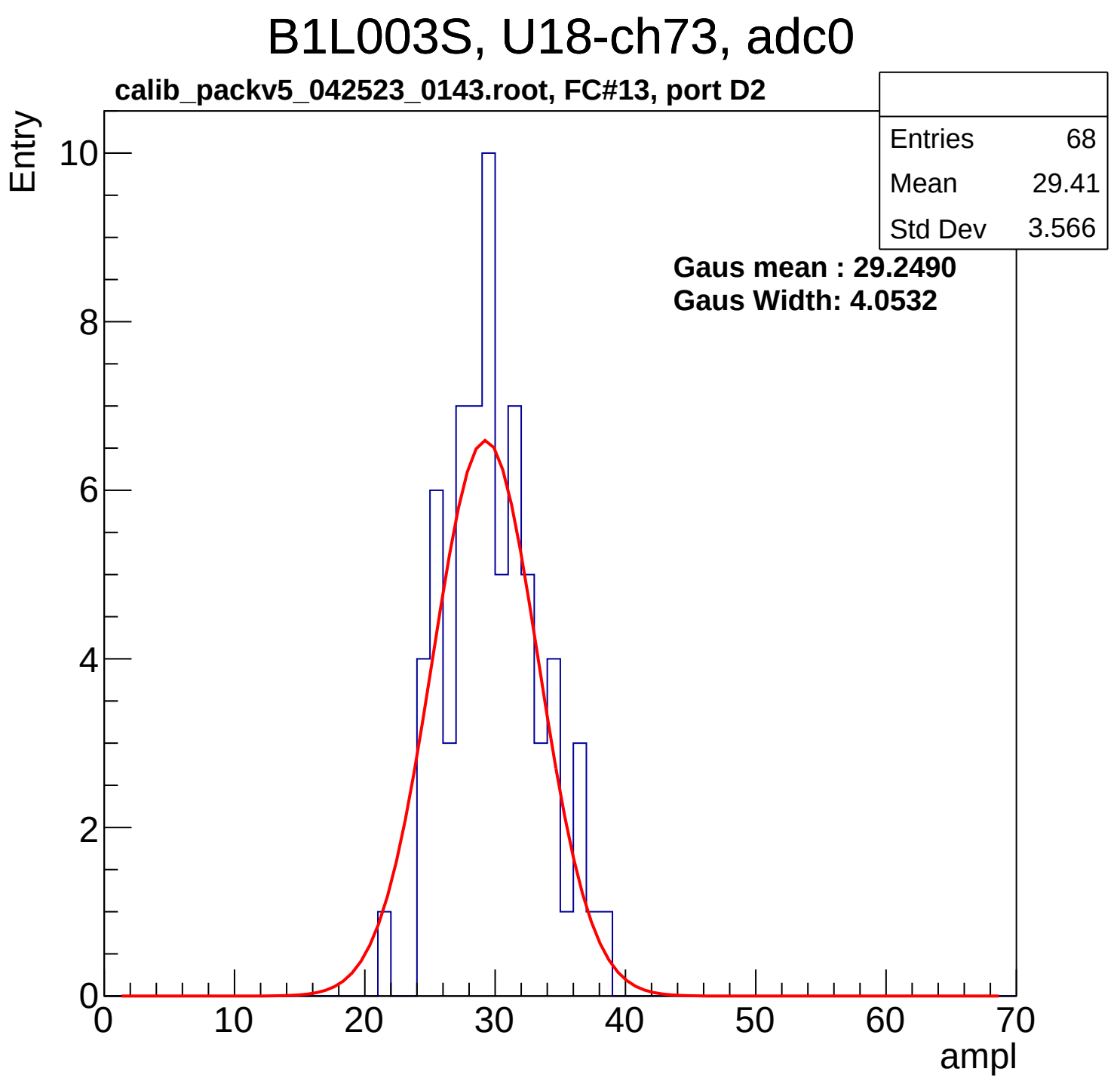

B1L003S, U18-ch72, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 46.79
Std Dev 3.055
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

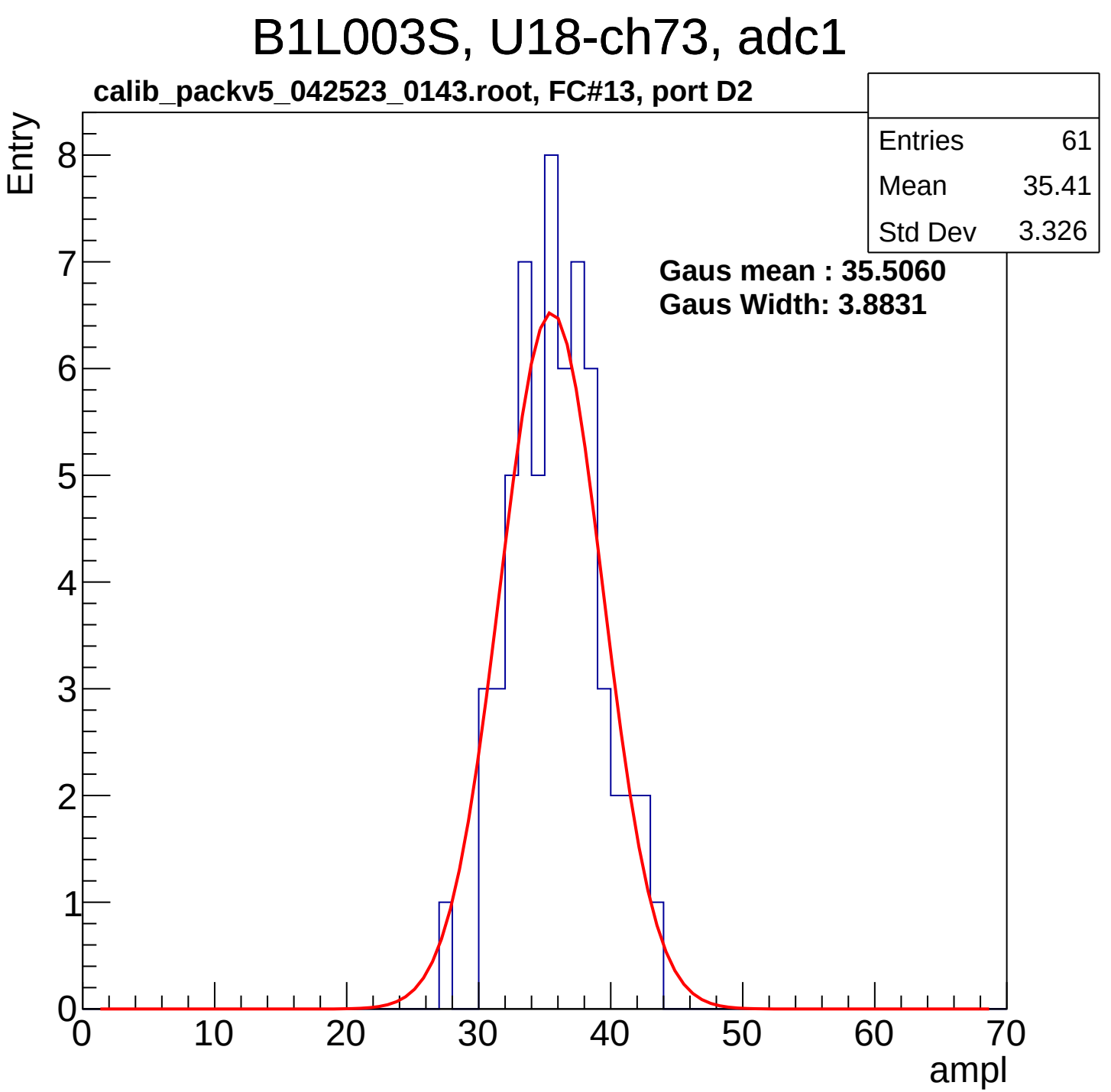

B1L003S, U18-ch72, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 52.92
Std Dev 3.817
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

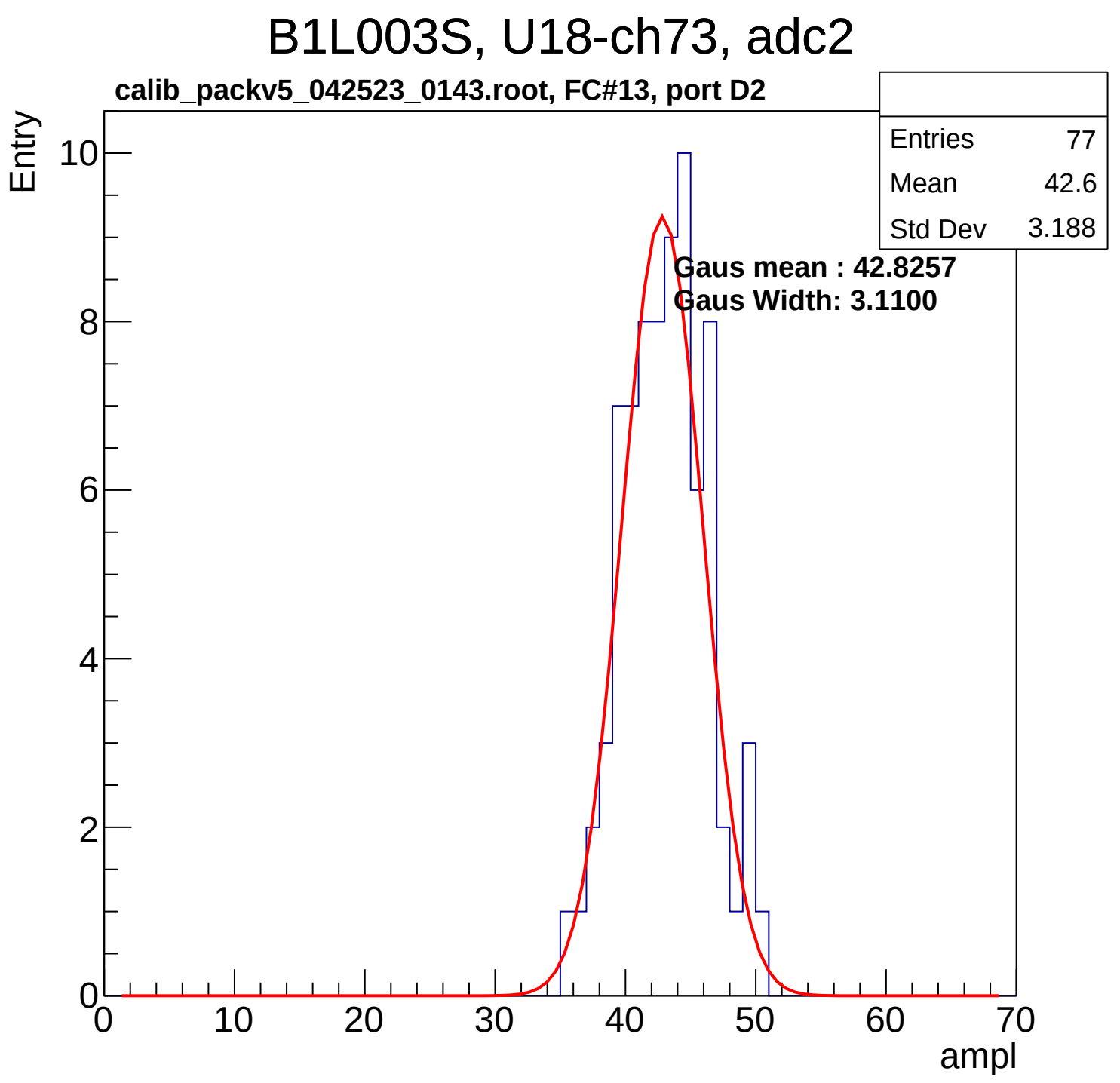

B1L003S, U18-ch72, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 57.7
Std Dev 3.111
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

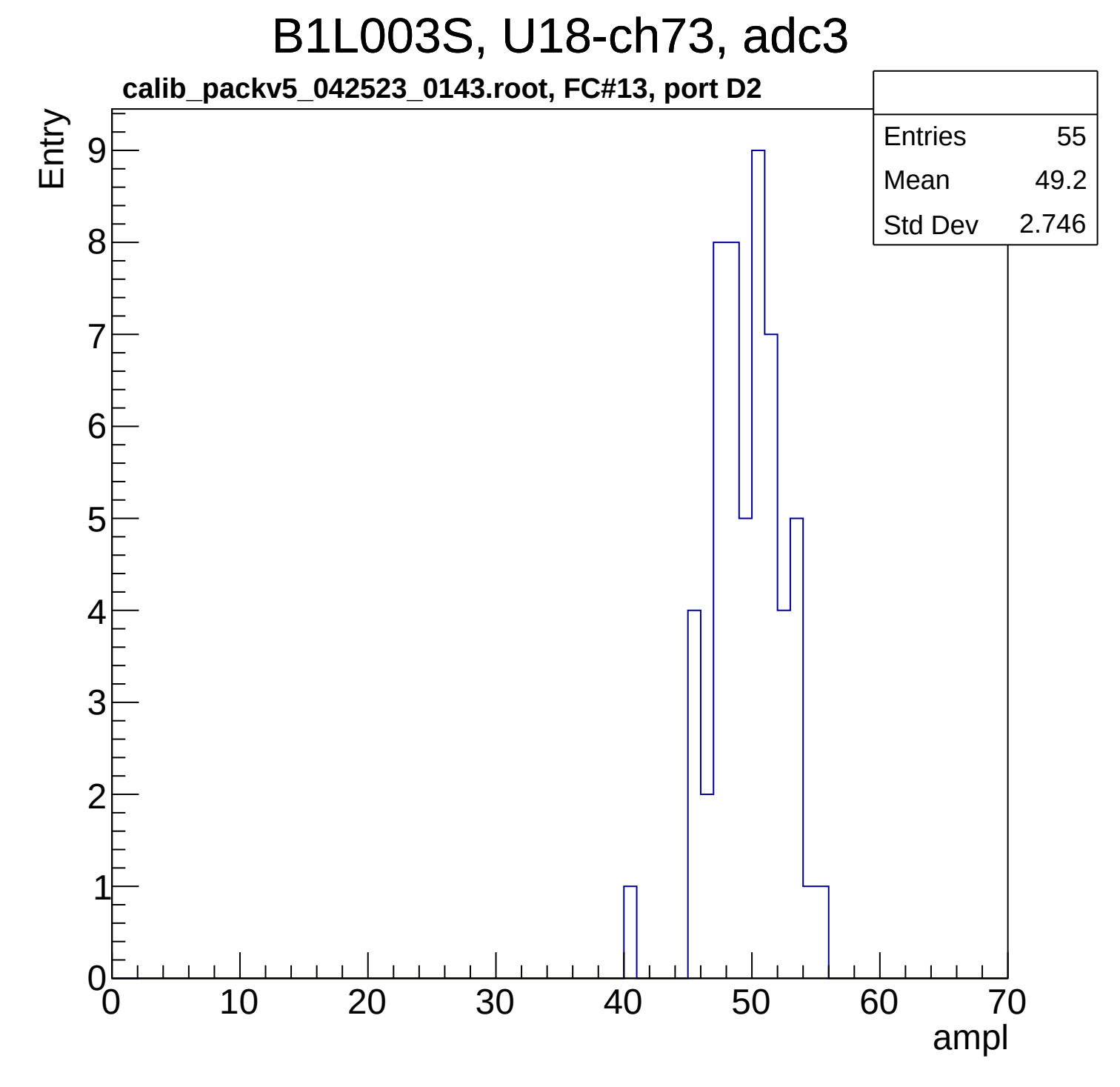

B1L003S, U18-ch72, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 17
Mean 58
Std Dev 14.62
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

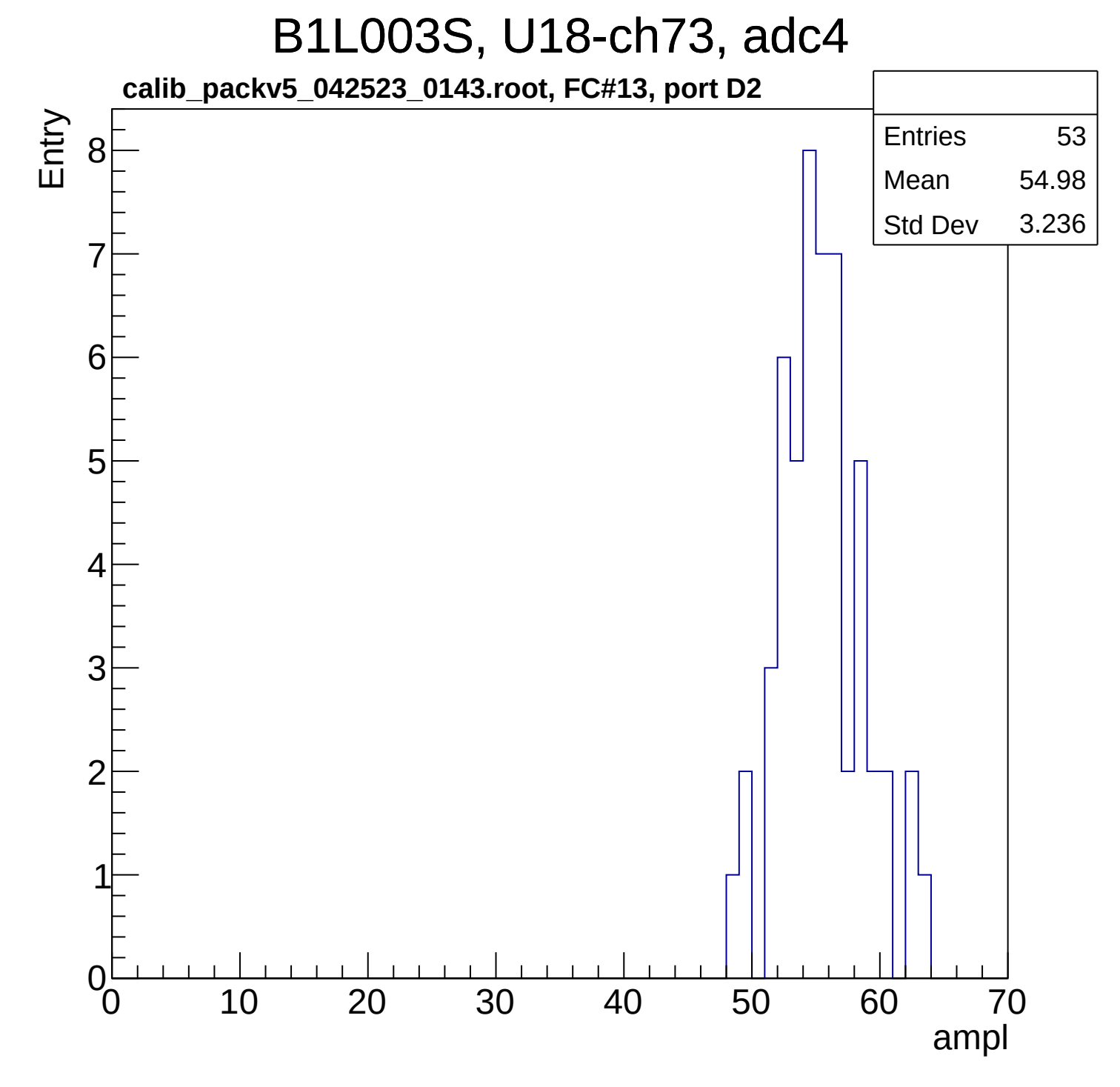

B1L003S, U18-ch72, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 48.8
Std Dev 24.42
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

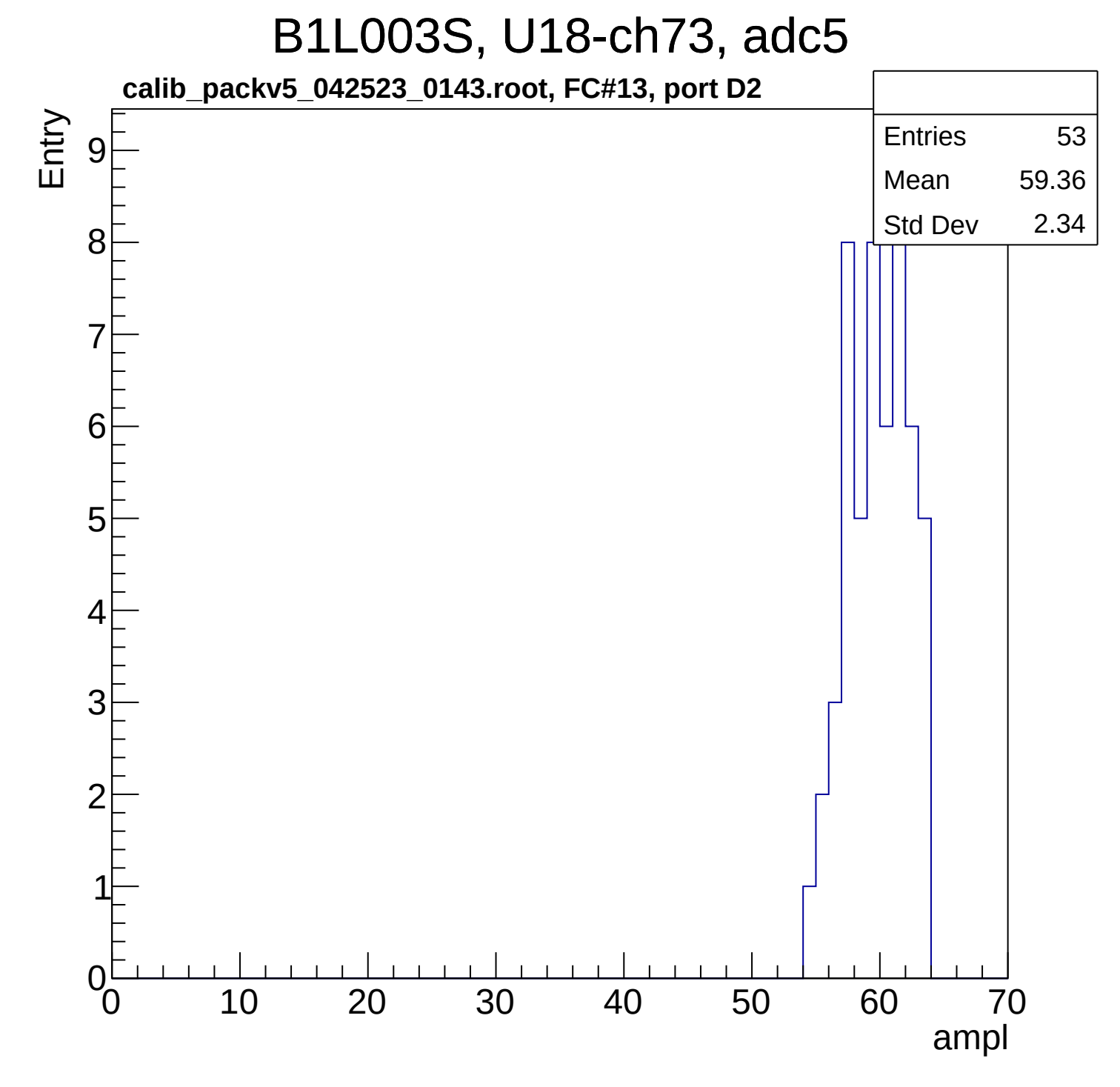

B1L003S, U18-ch73, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 29.41
Std Dev 3.566
Gaus mean : 29.2490
Gaus Width: 4.0532
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

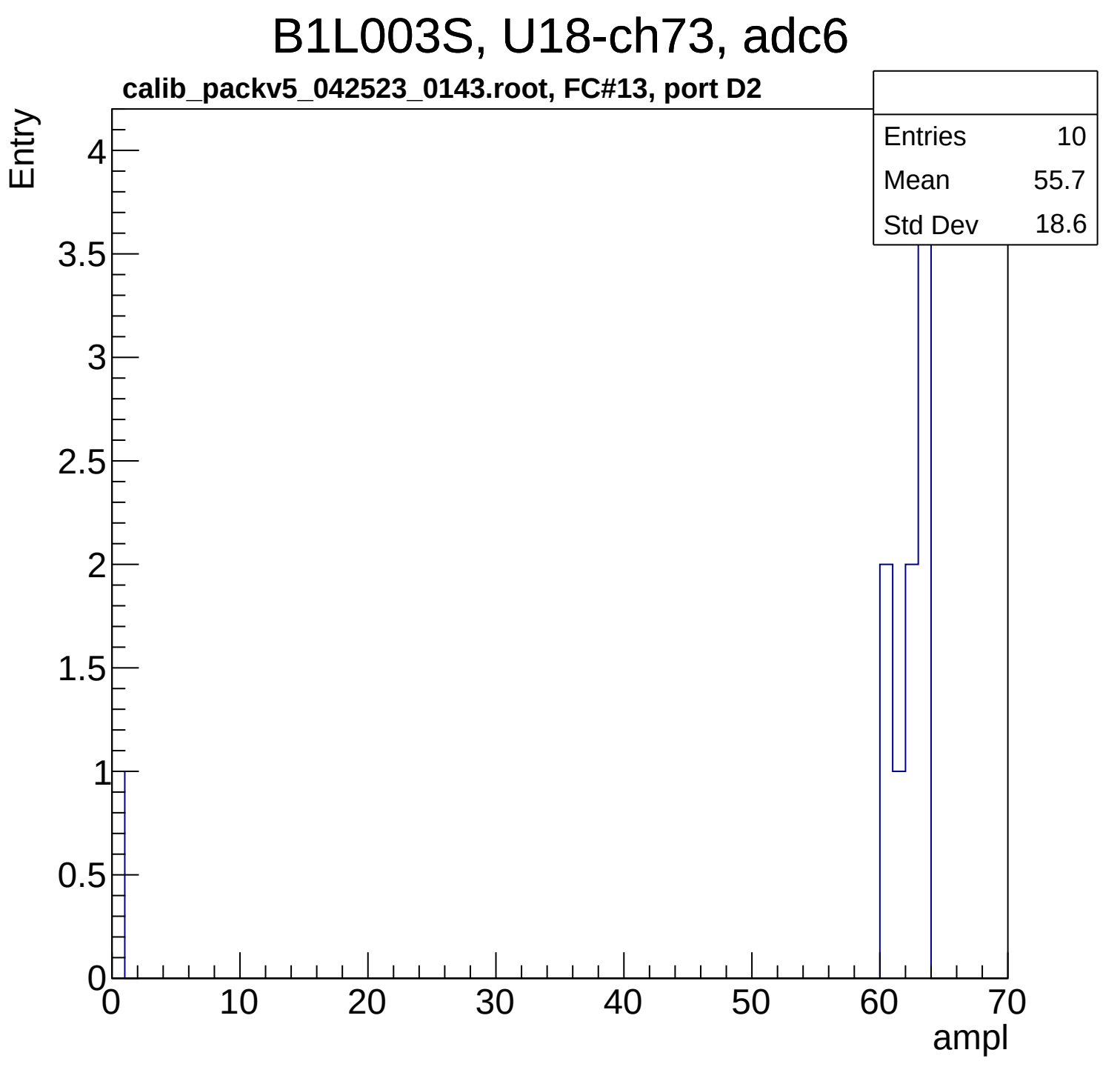

B1L003S, U18-ch73, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 35.41
Std Dev 3.326
Gaus mean : 35.5060
Gaus Width: 3.8831
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

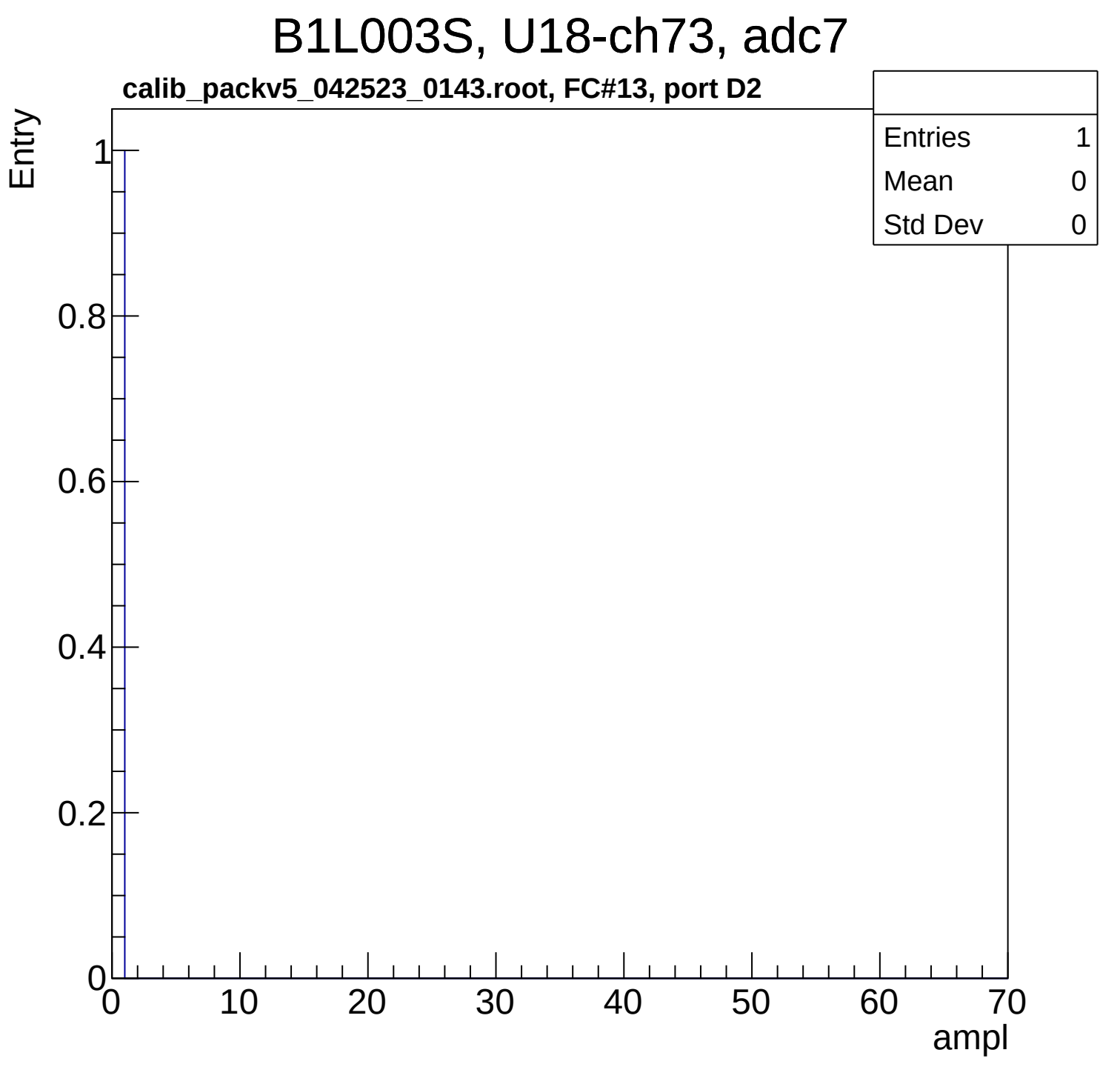

B1L003S, U18-ch73, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 42.6
Std Dev 3.188
Gaus mean : 42.8257
Gaus Width: 3.1100
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

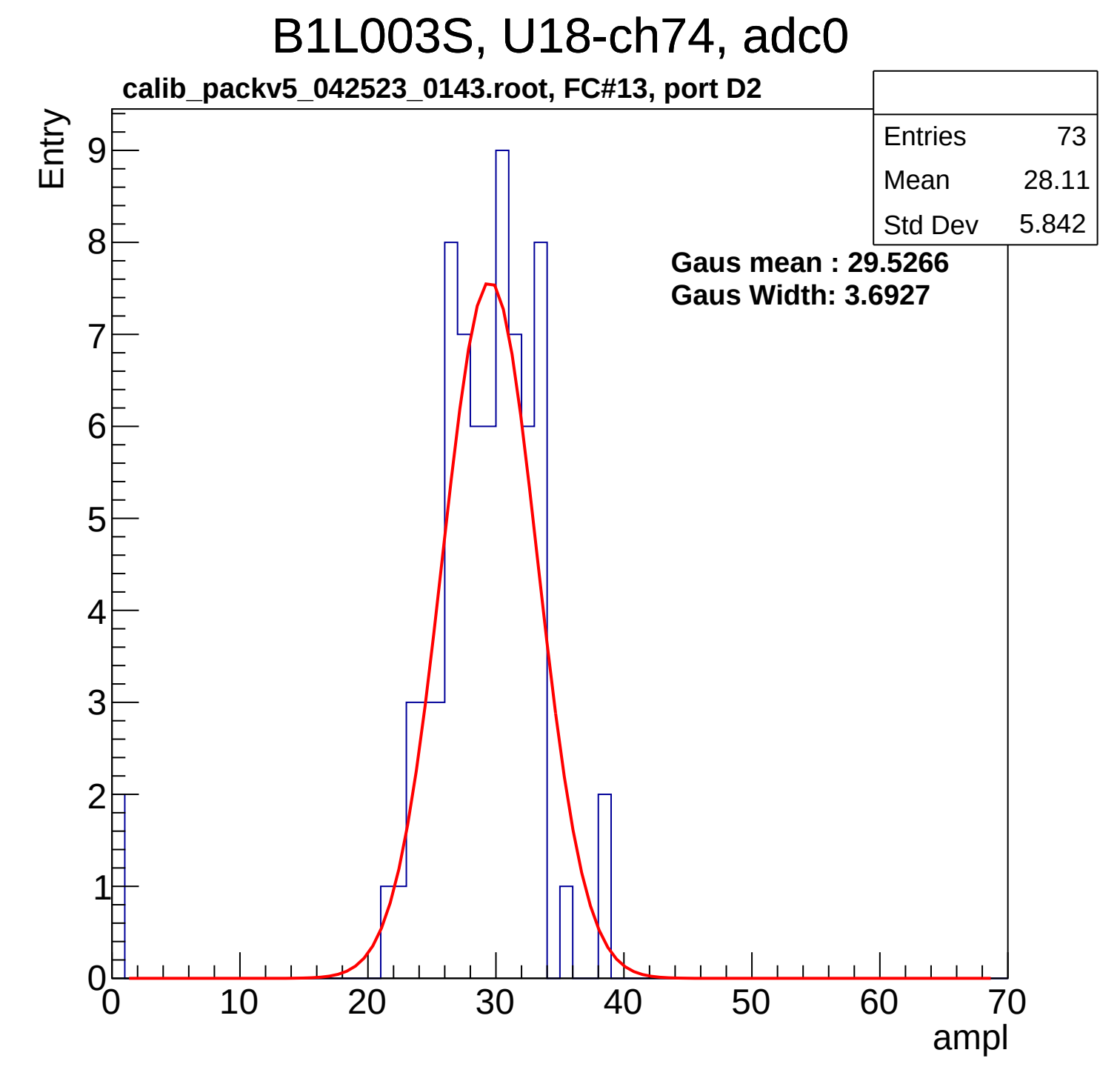

B1L003S, U18-ch73, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 49.2
Std Dev 2.746
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

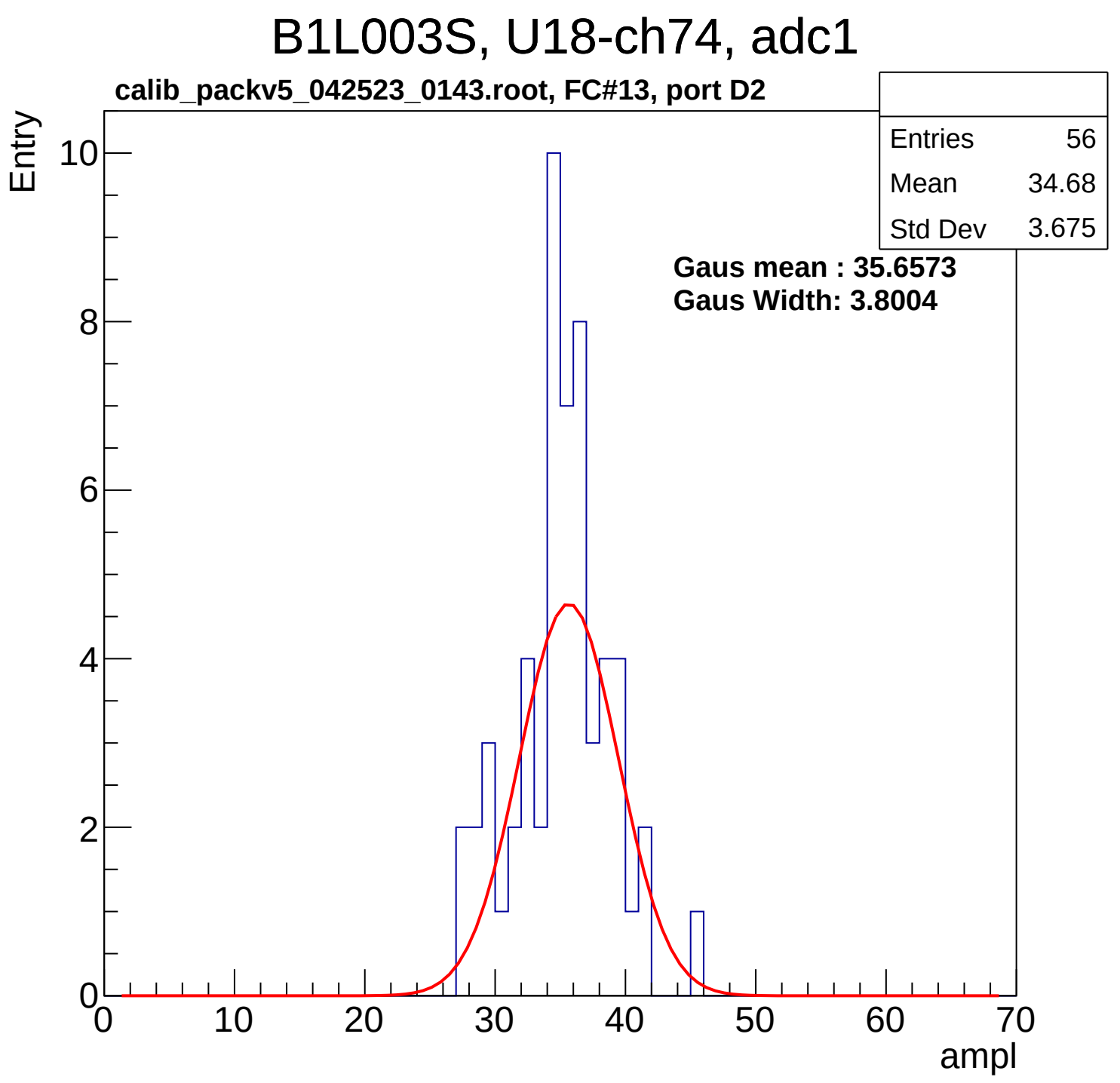

B1L003S, U18-ch73, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 54.98
Std Dev 3.236
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

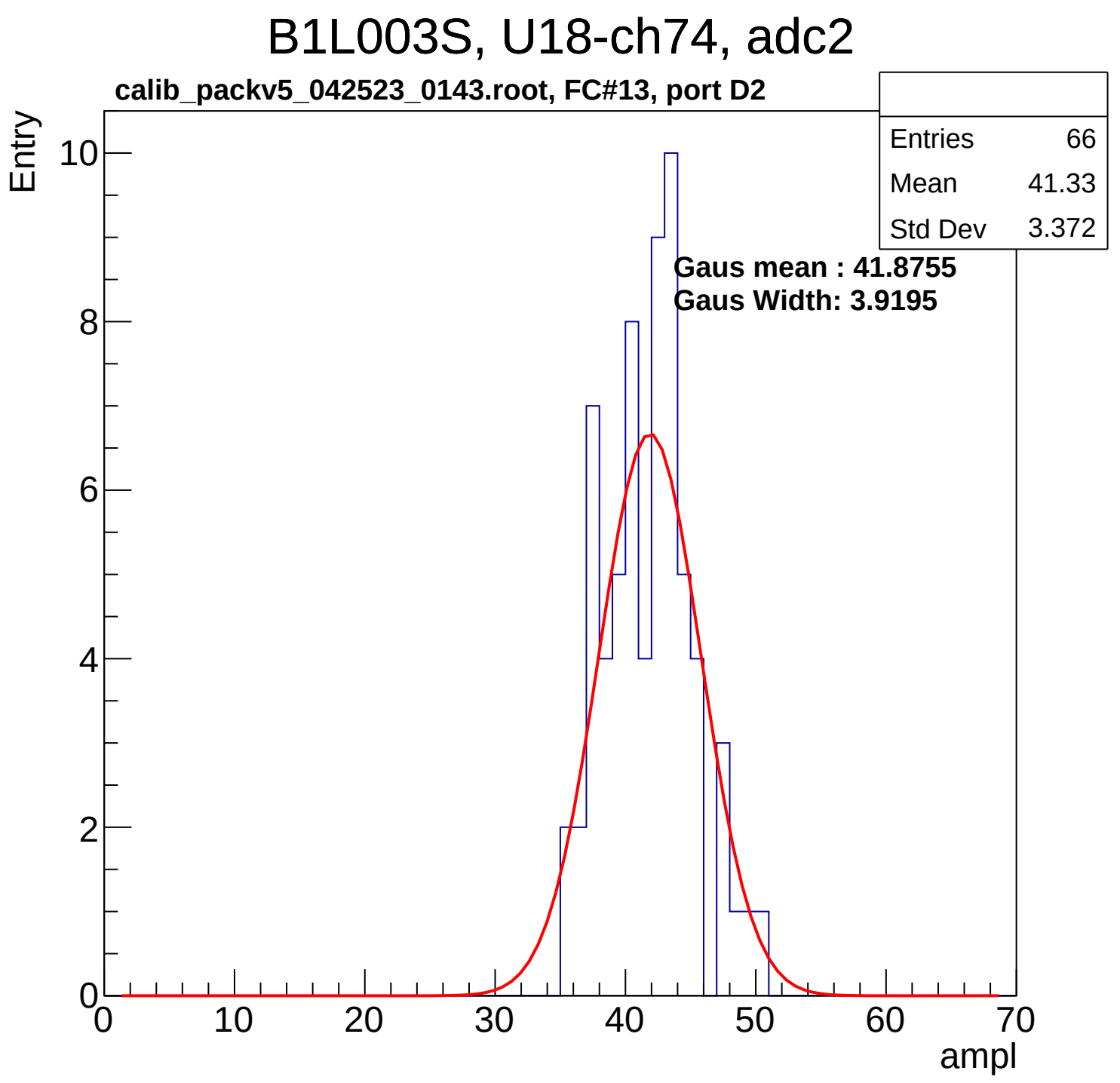

B1L003S, U18-ch73, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 59.36
Std Dev 2.34
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

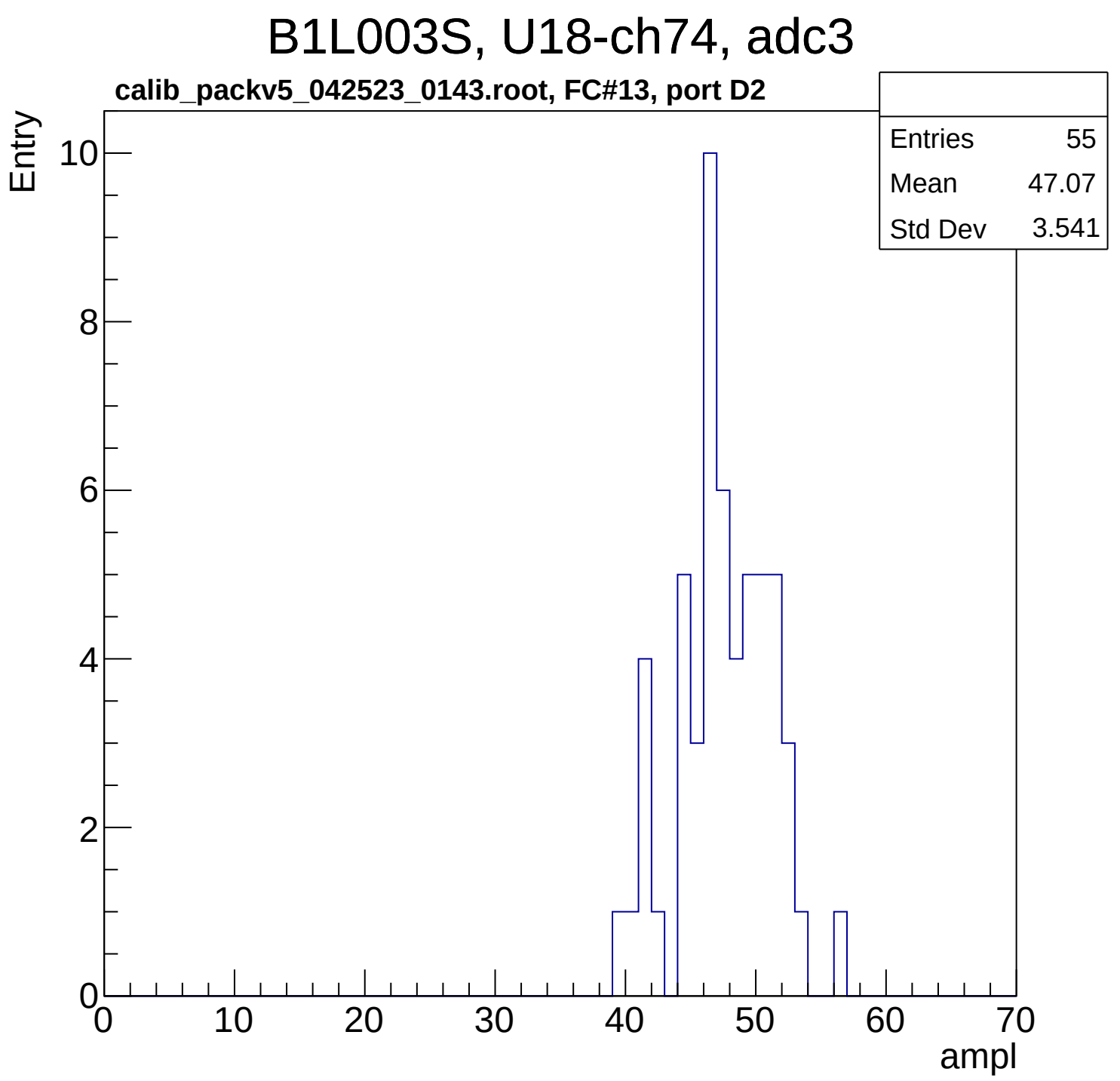

B1L003S, U18-ch73, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 55.7
Std Dev 18.6
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

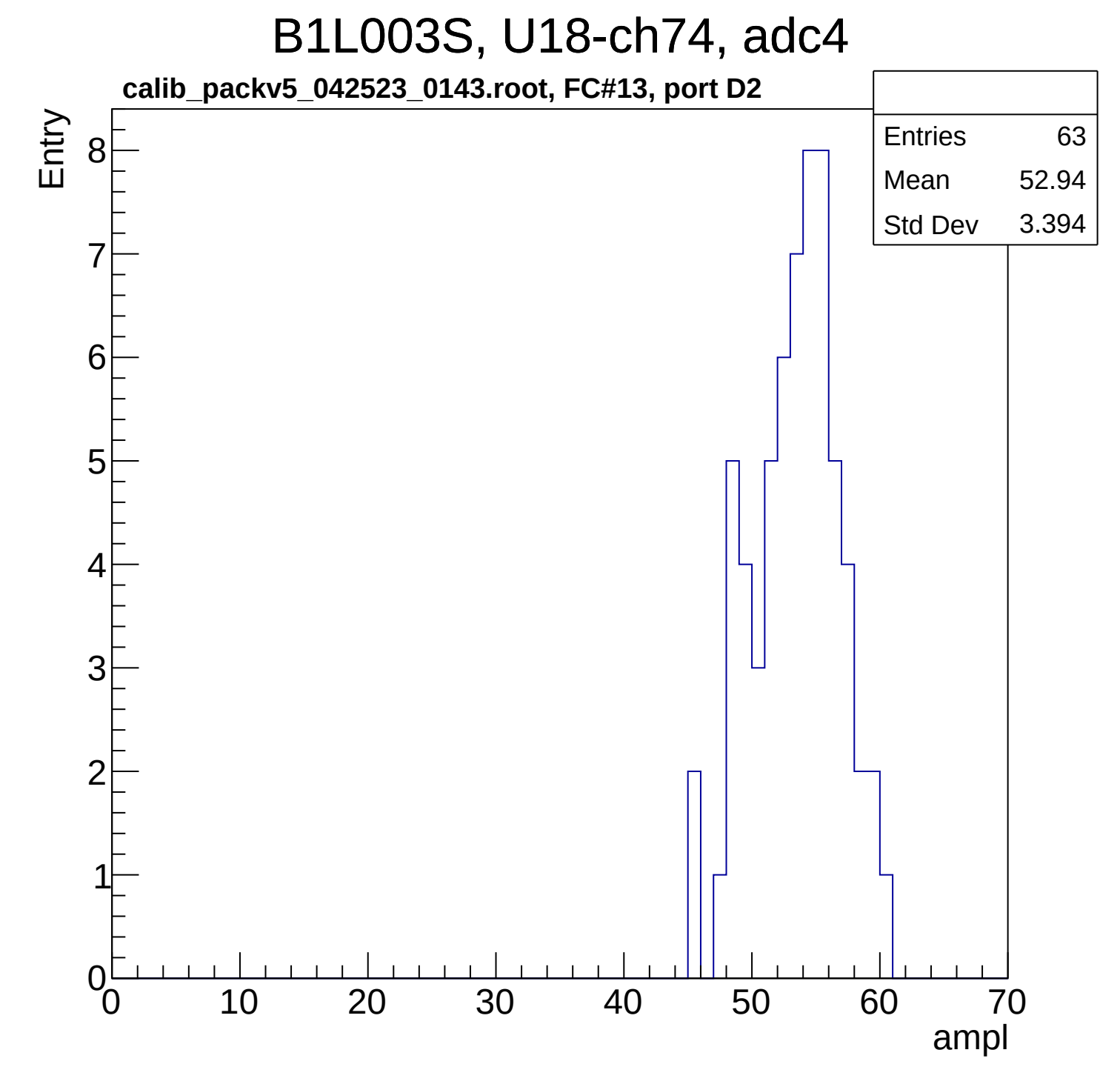

B1L003S, U18-ch73, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

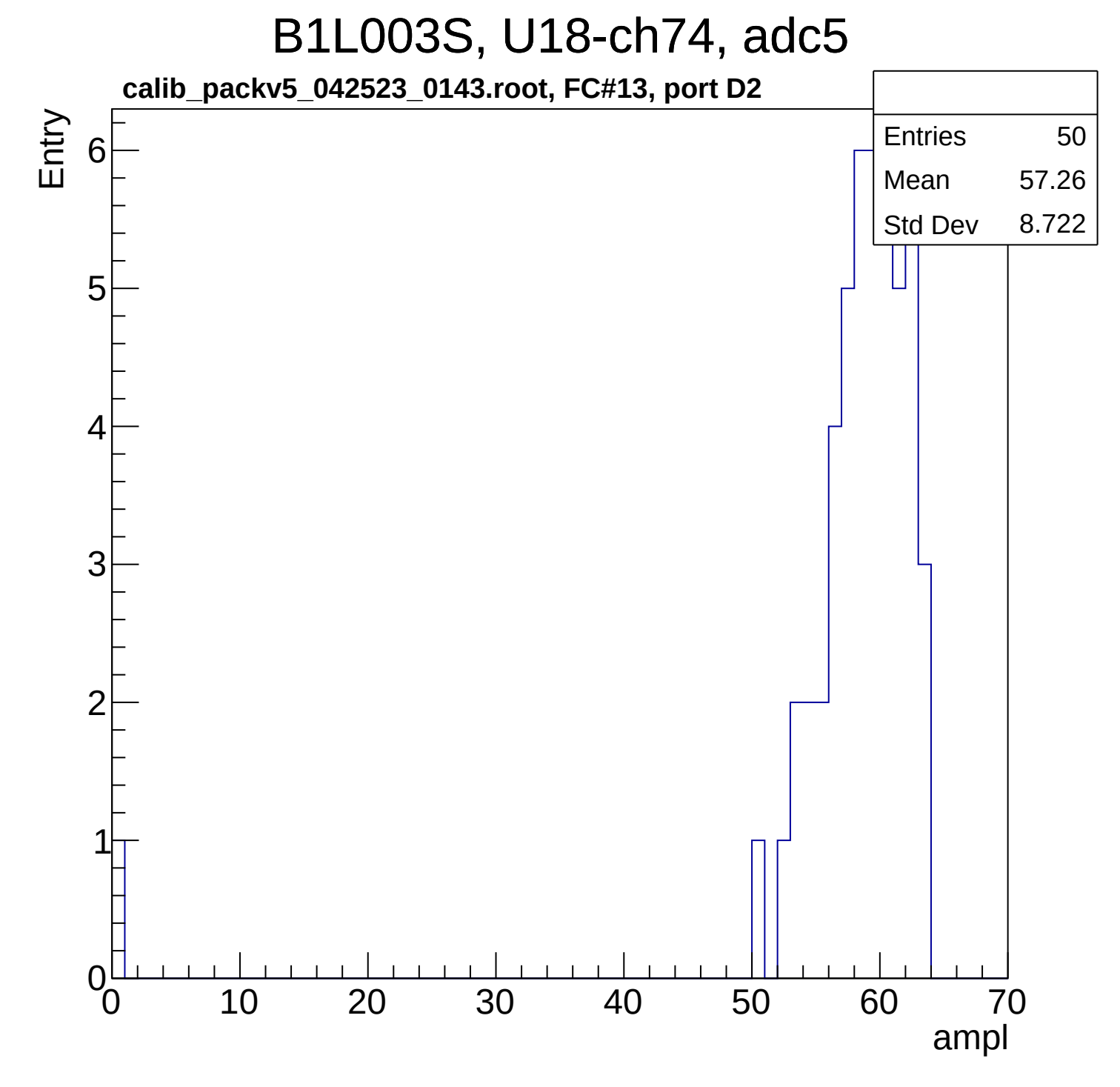

B1L003S, U18-ch74, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 28.11
Std Dev 5.842
Gaus mean : 29.5266
Gaus Width: 3.6927
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

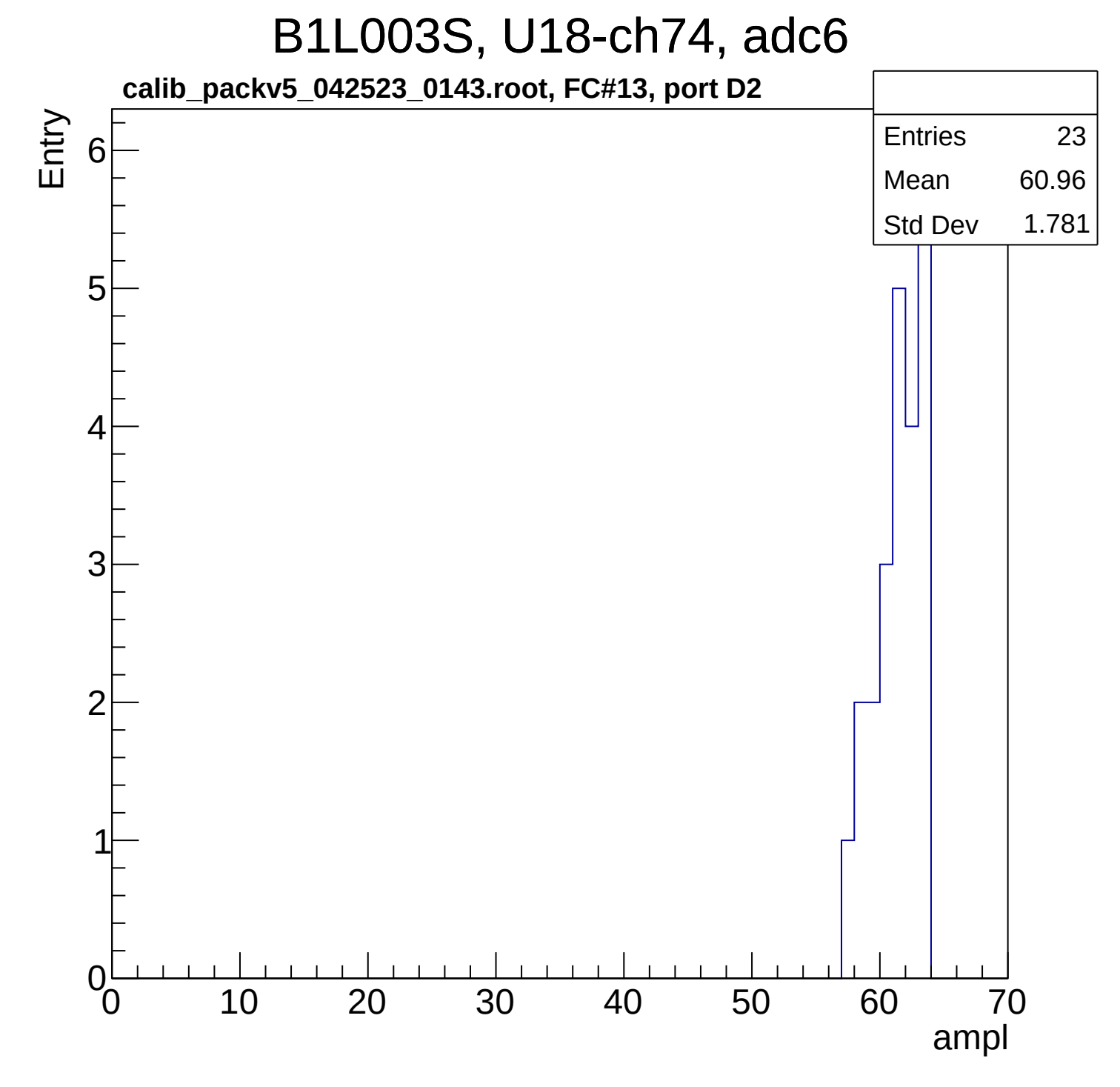

B1L003S, U18-ch74, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 34.68
Std Dev 3.675
Gaus mean : 35.6573
Gaus Width: 3.8004
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

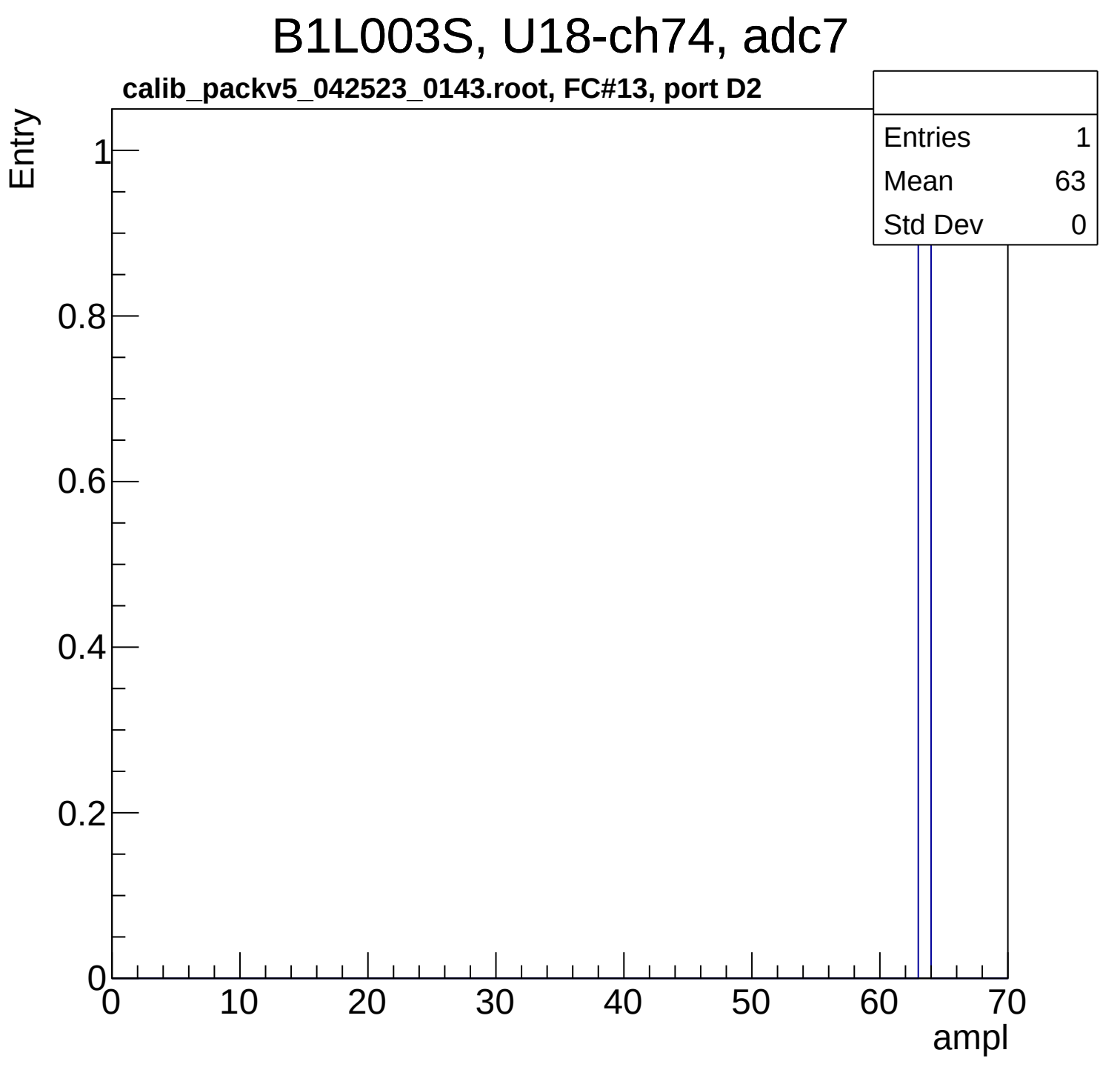

B1L003S, U18-ch74, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 41.33
Std Dev 3.372
Gaus mean : 41.8755
Gaus Width: 3.9195
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

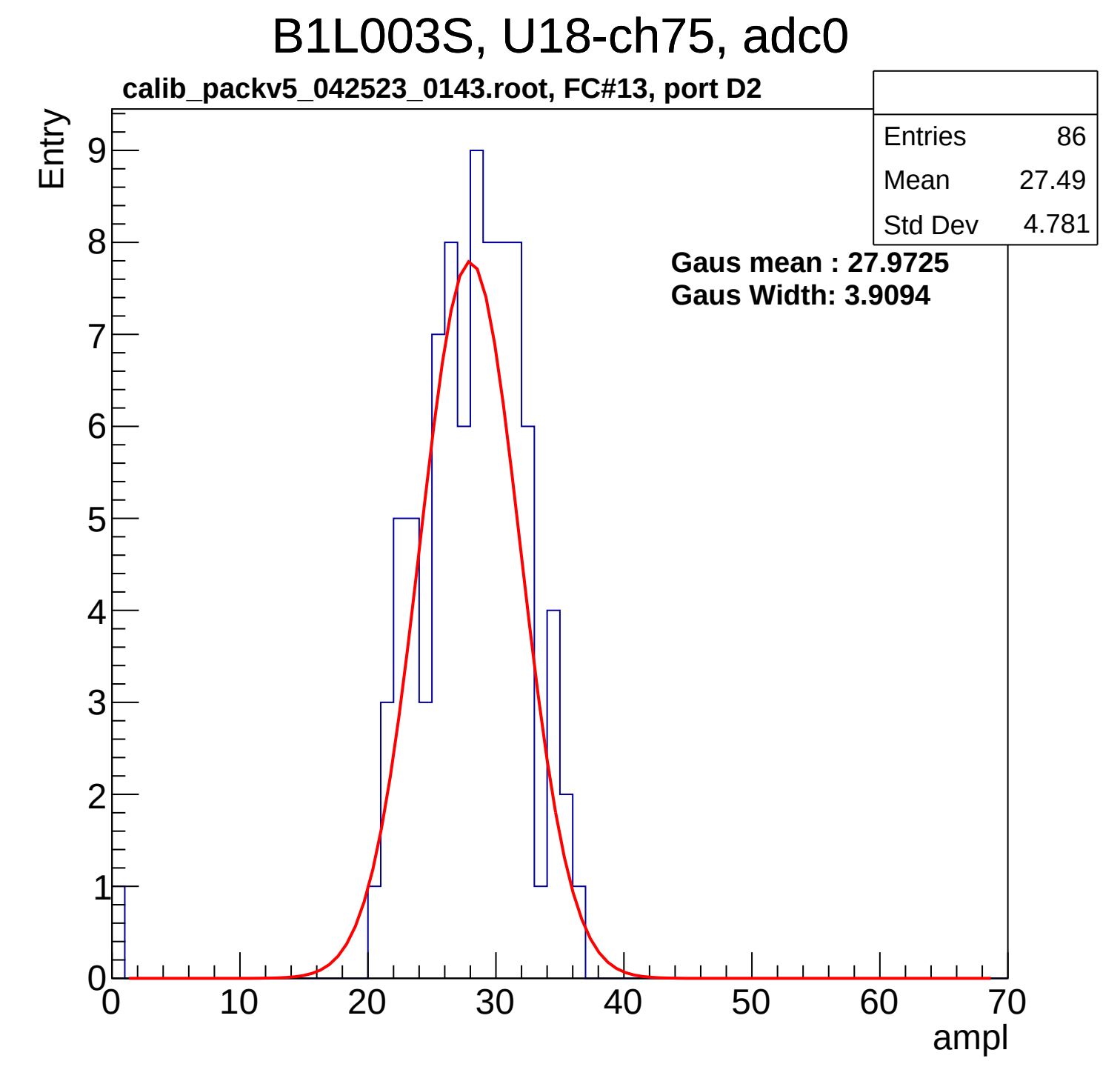

B1L003S, U18-ch74, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 47.07
Std Dev 3.541
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

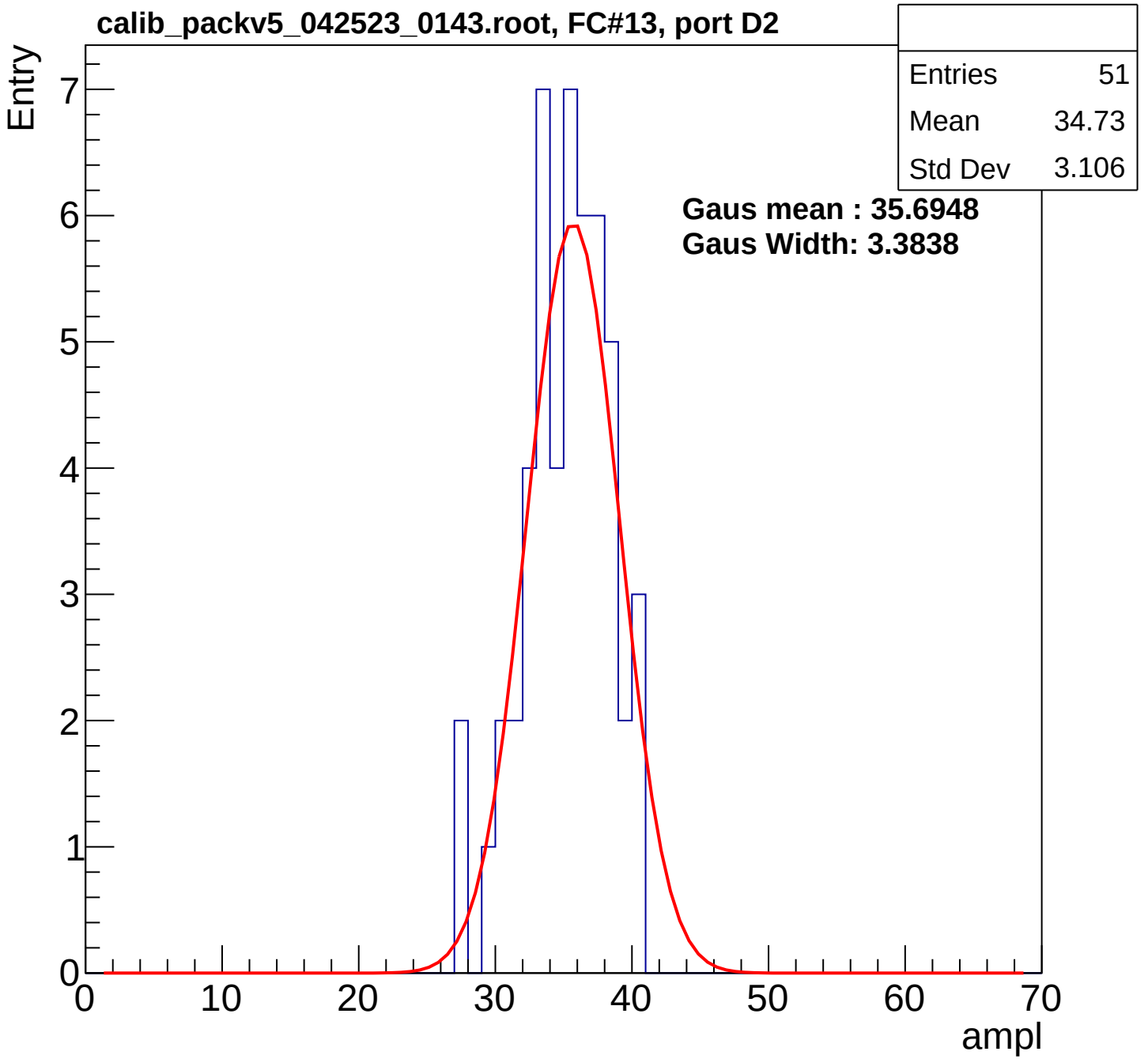

B1L003S, U18-ch74, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 52.94
Std Dev 3.394
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

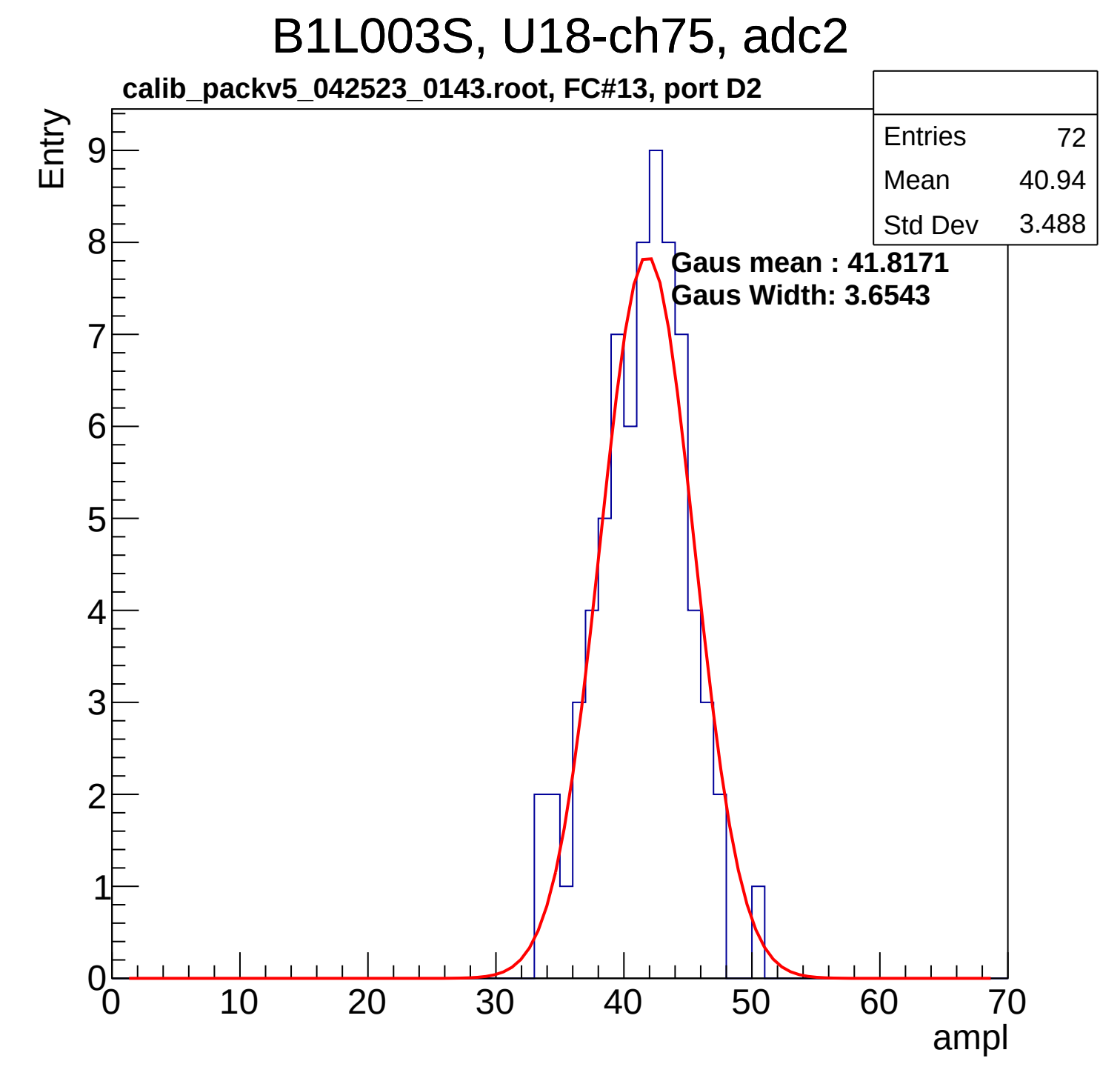

B1L003S, U18-ch74, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 57.26
Std Dev 8.722
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

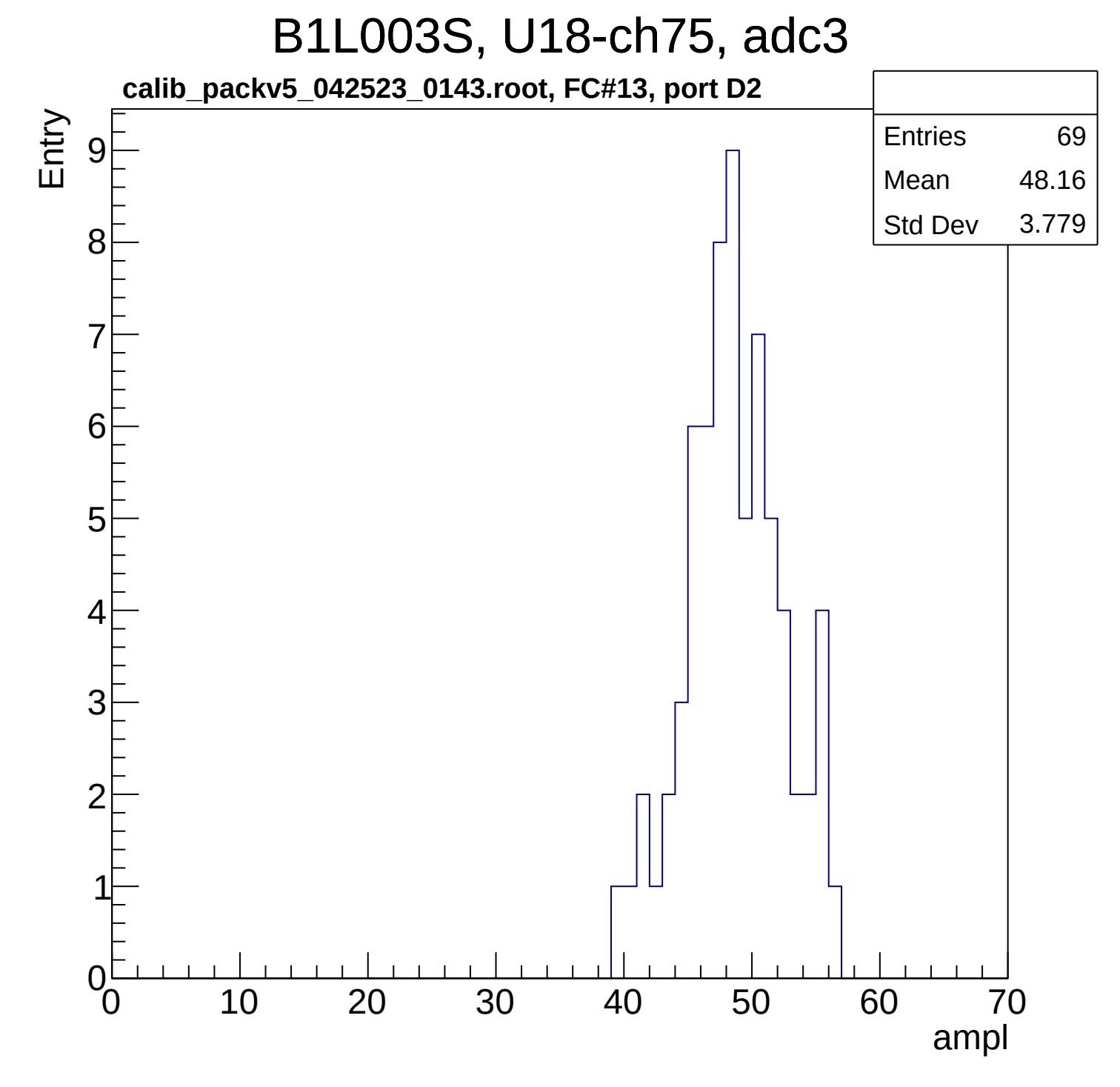

B1L003S, U18-ch74, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 23
Mean 60.96
Std Dev 1.781
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

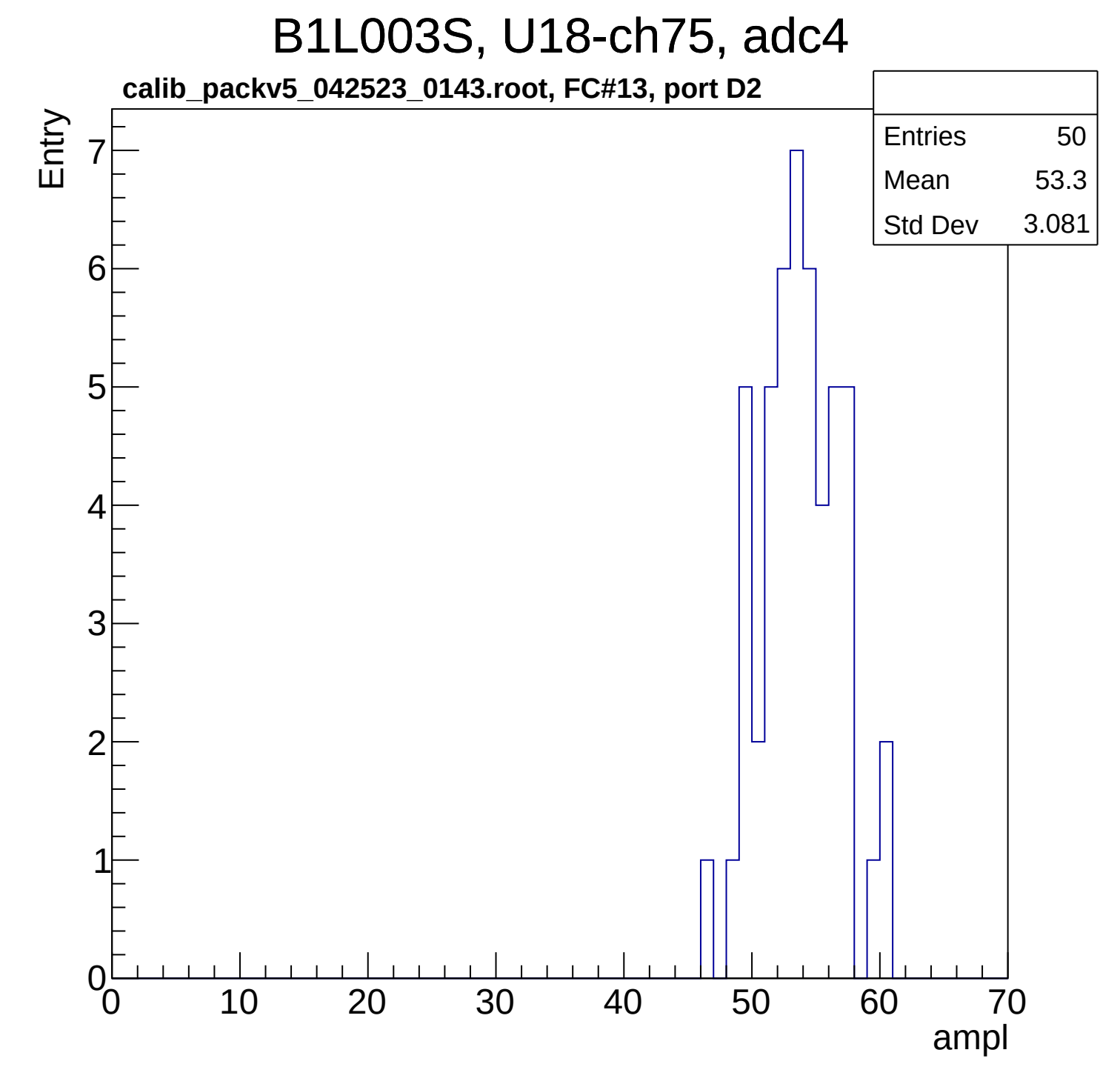

B1L003S, U18-ch74, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

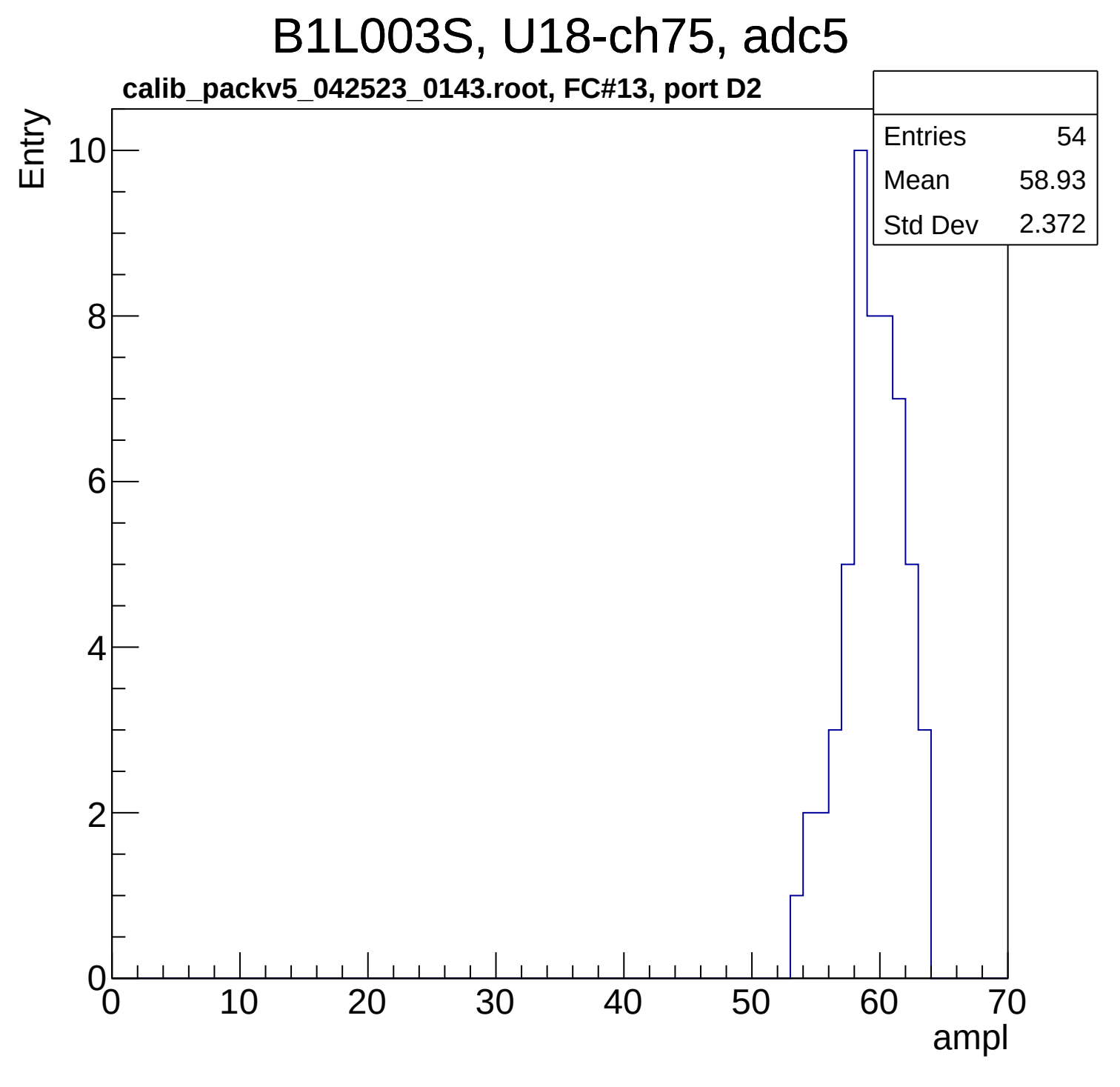

B1L003S, U18-ch75, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 86
Mean 27.49
Std Dev 4.781
Gaus mean : 27.9725
Gaus Width: 3.9094
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

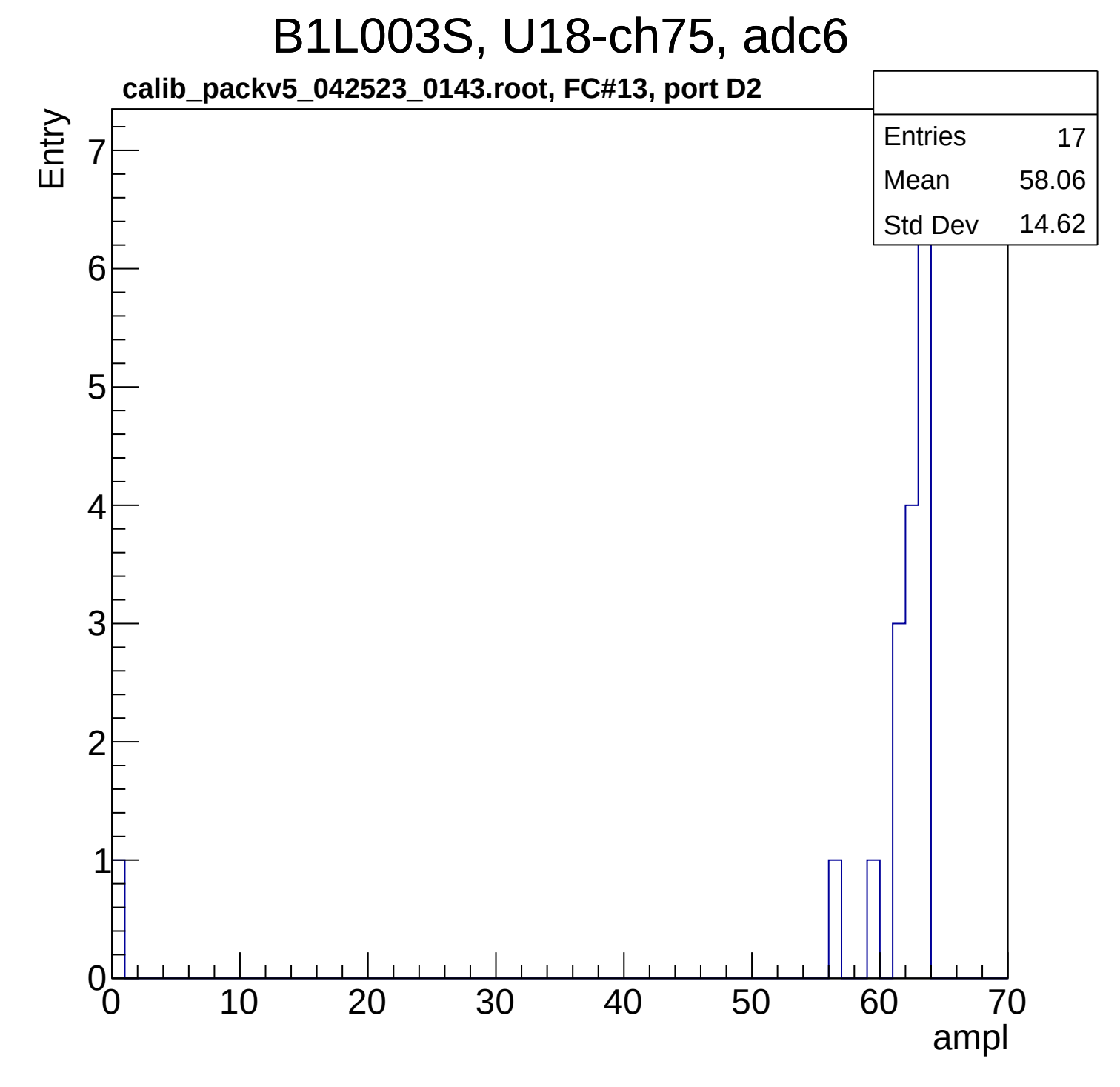

B1L003S, U18-ch75, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 34.73
Std Dev 3.106
Gaus mean : 35.6948
Gaus Width: 3.3838
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

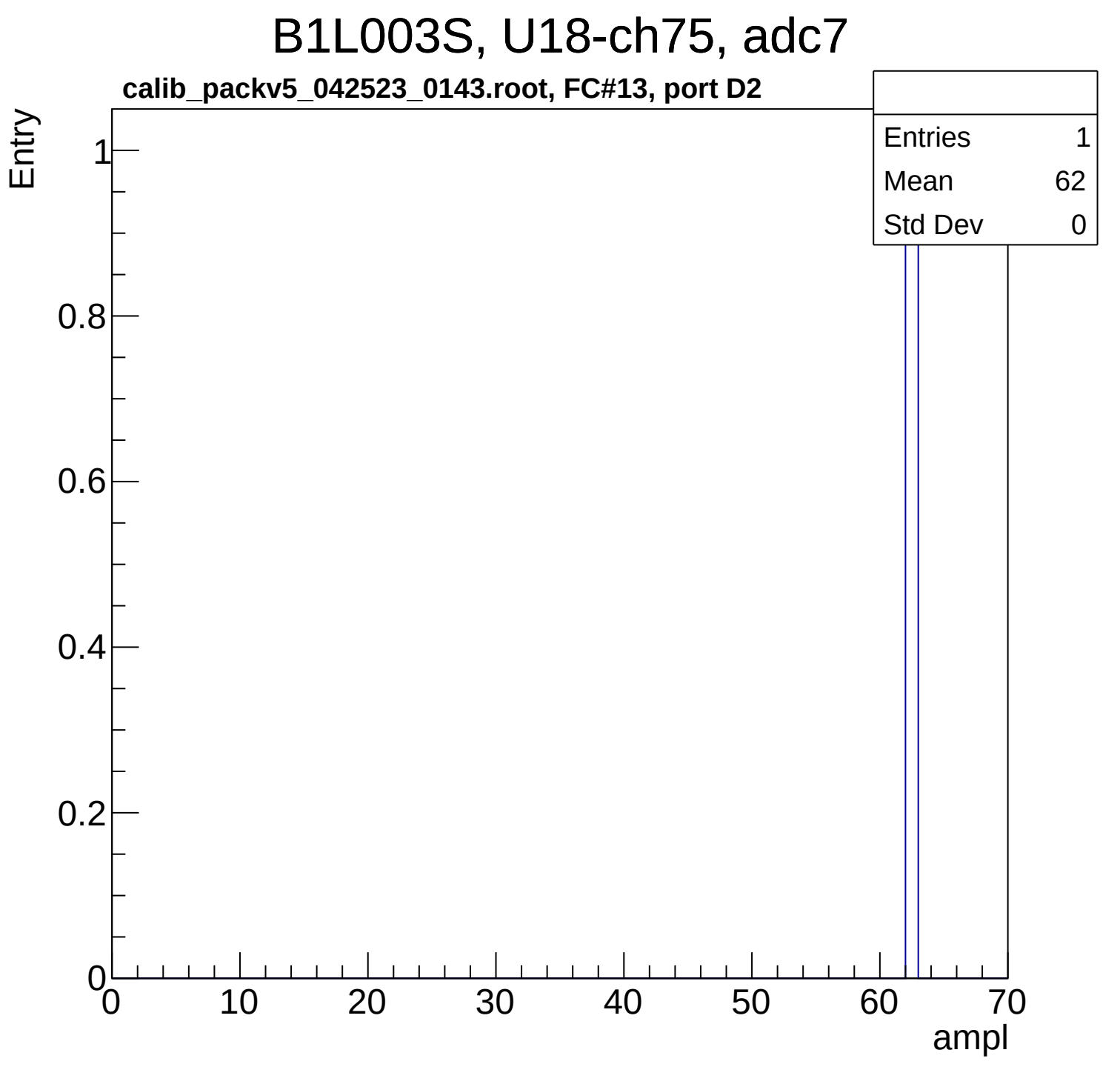

B1L003S, U18-ch75, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 40.94
Std Dev 3.488
Gaus mean : 41.8171
Gaus Width: 3.6543
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

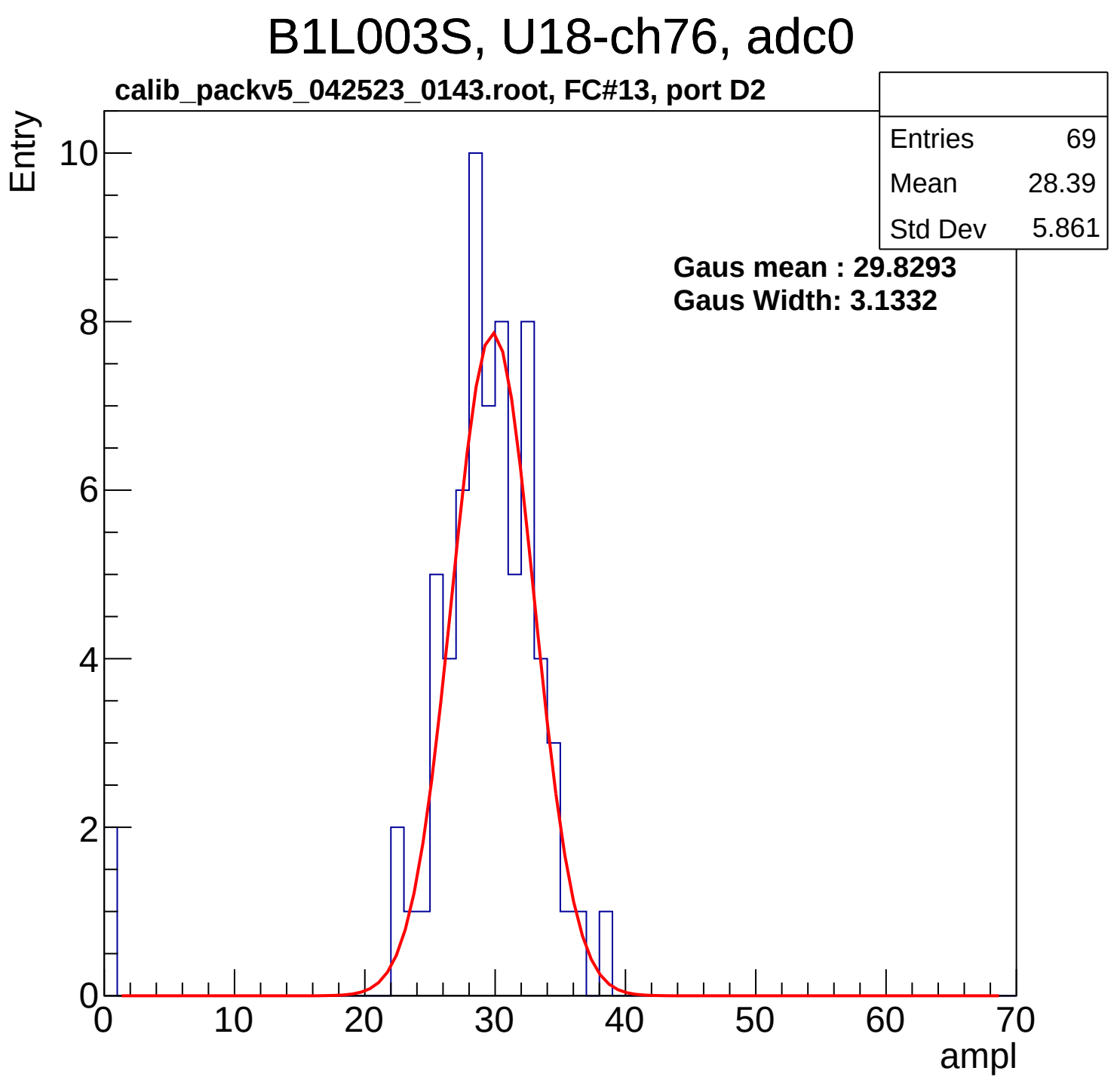

B1L003S, U18-ch75, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 48.16
Std Dev 3.779
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

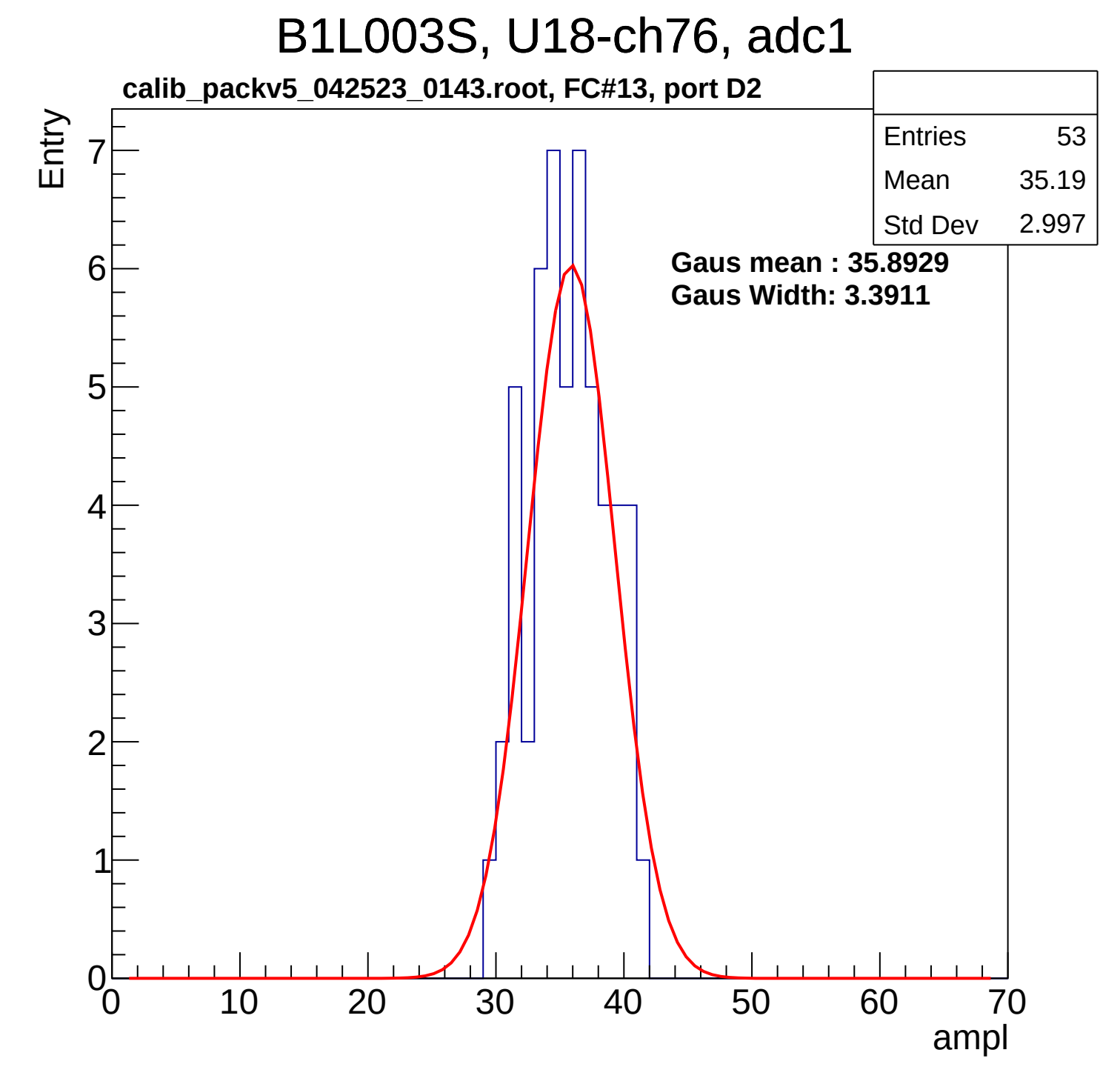

B1L003S, U18-ch75, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 53.3
Std Dev 3.081
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

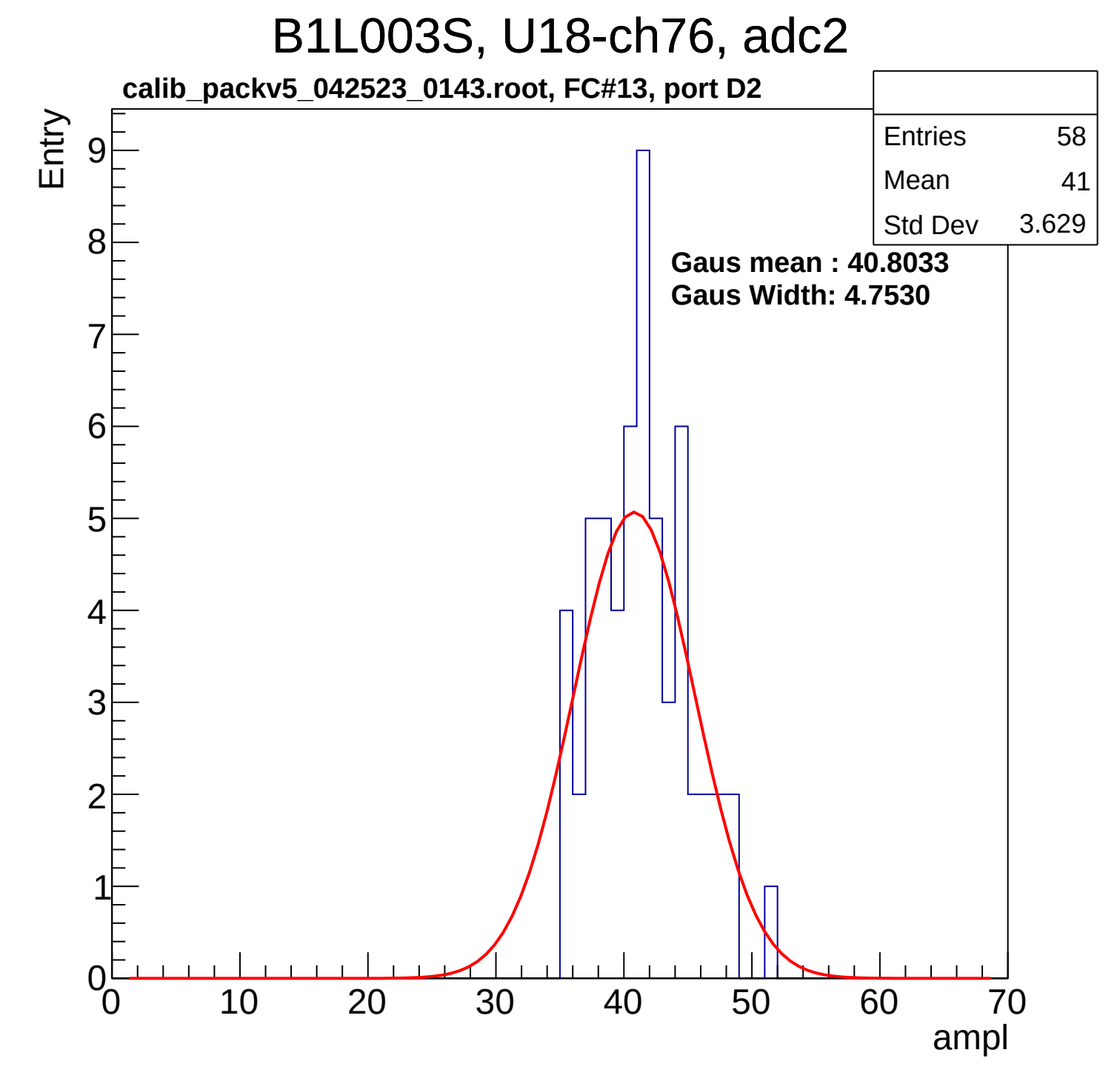

B1L003S, U18-ch75, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.93
Std Dev 2.372
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

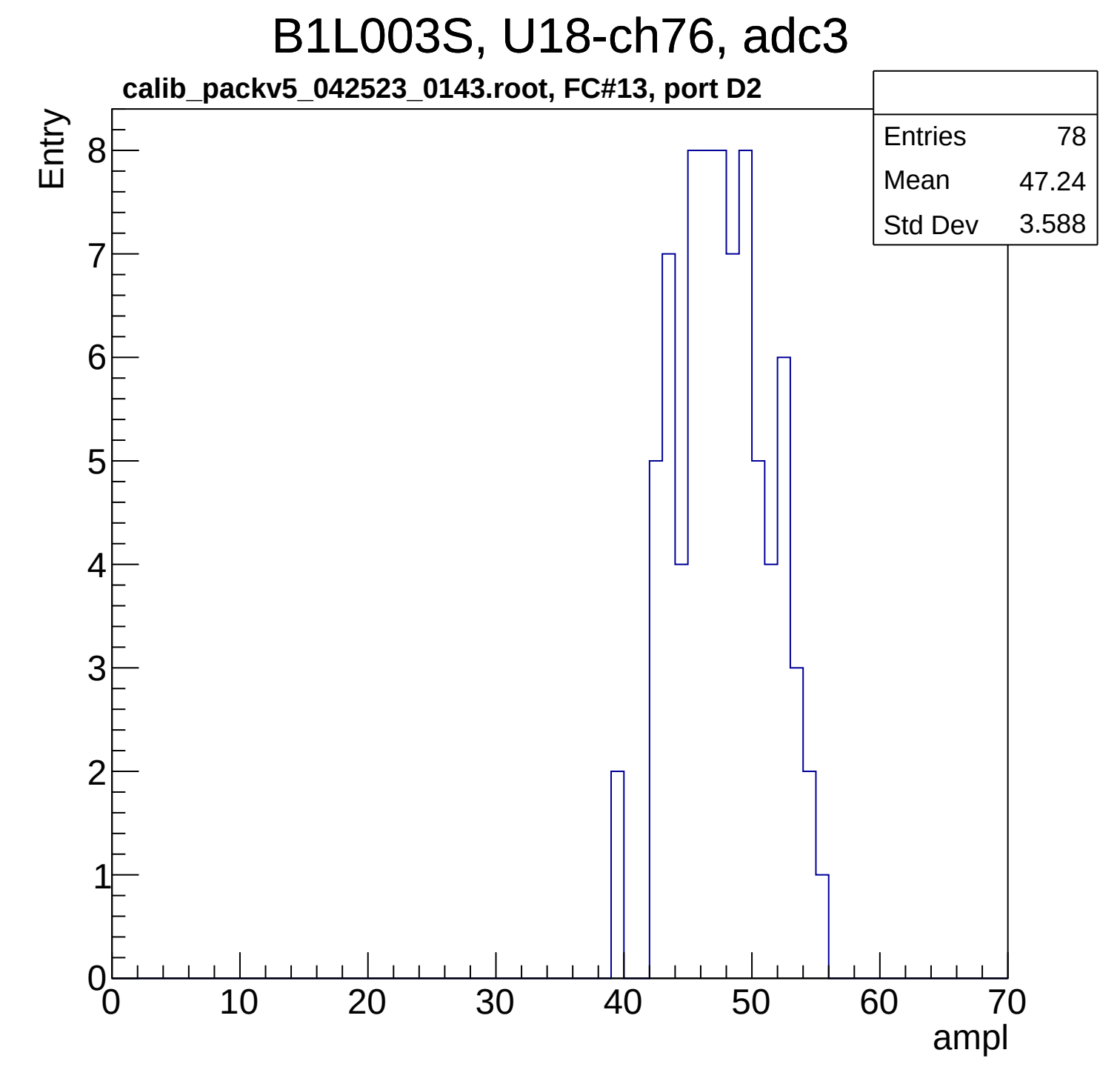

B1L003S, U18-ch75, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 17
Mean 58.06
Std Dev 14.62
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

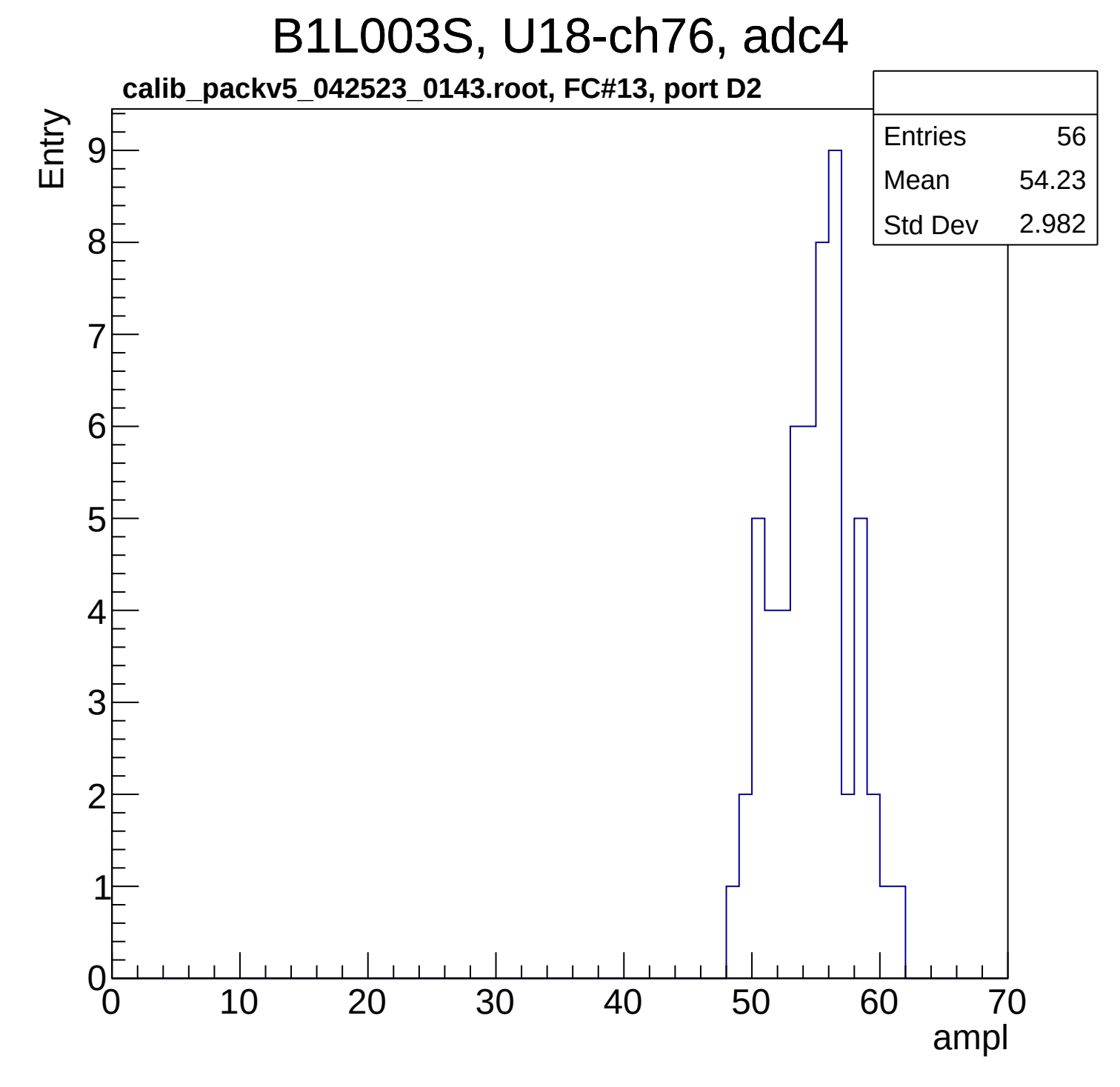

B1L003S, U18-ch75, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

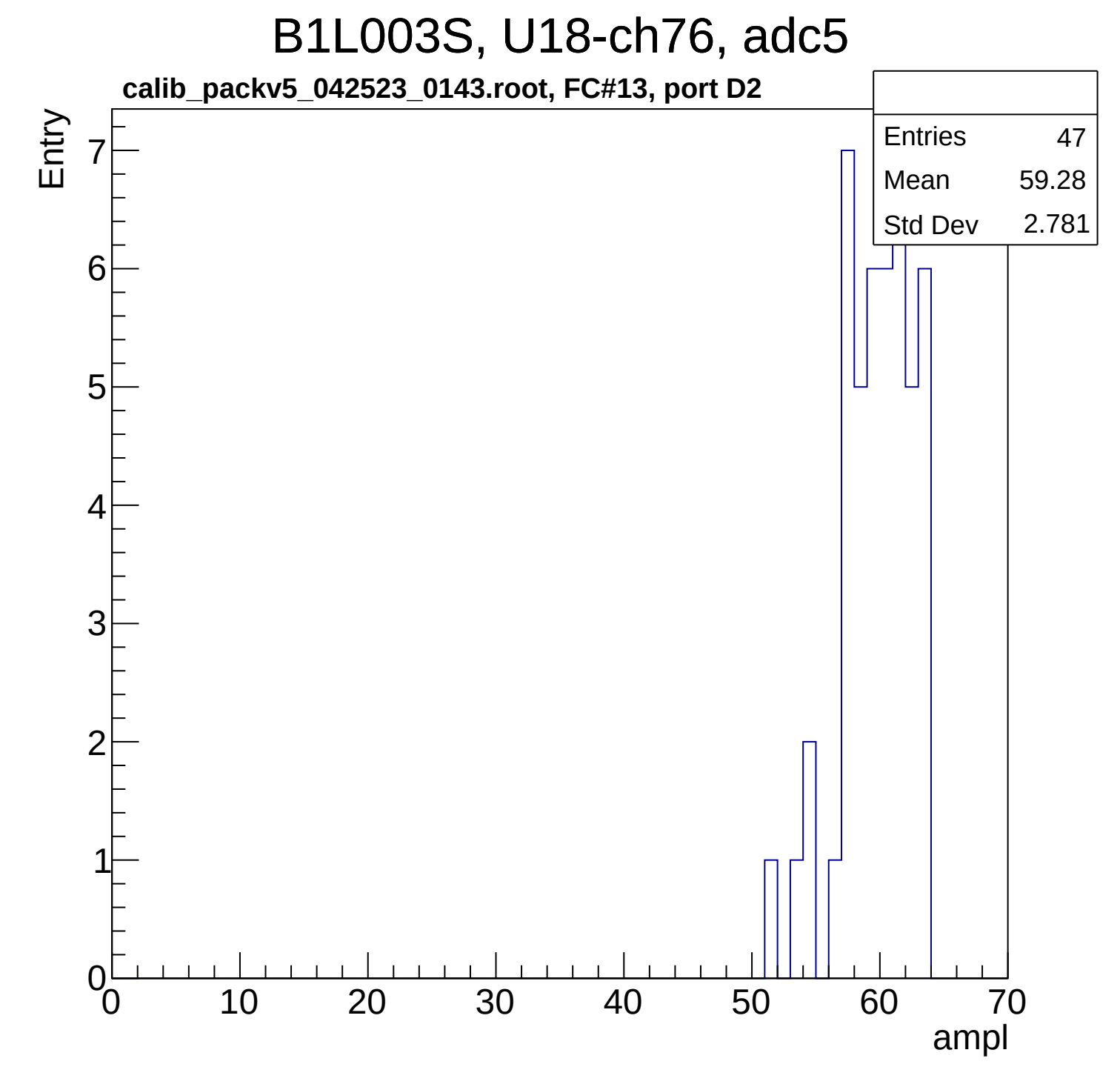

B1L003S, U18-ch76, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 28.39
Std Dev 5.861
Gaus mean : 29.8293
Gaus Width: 3.1332
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

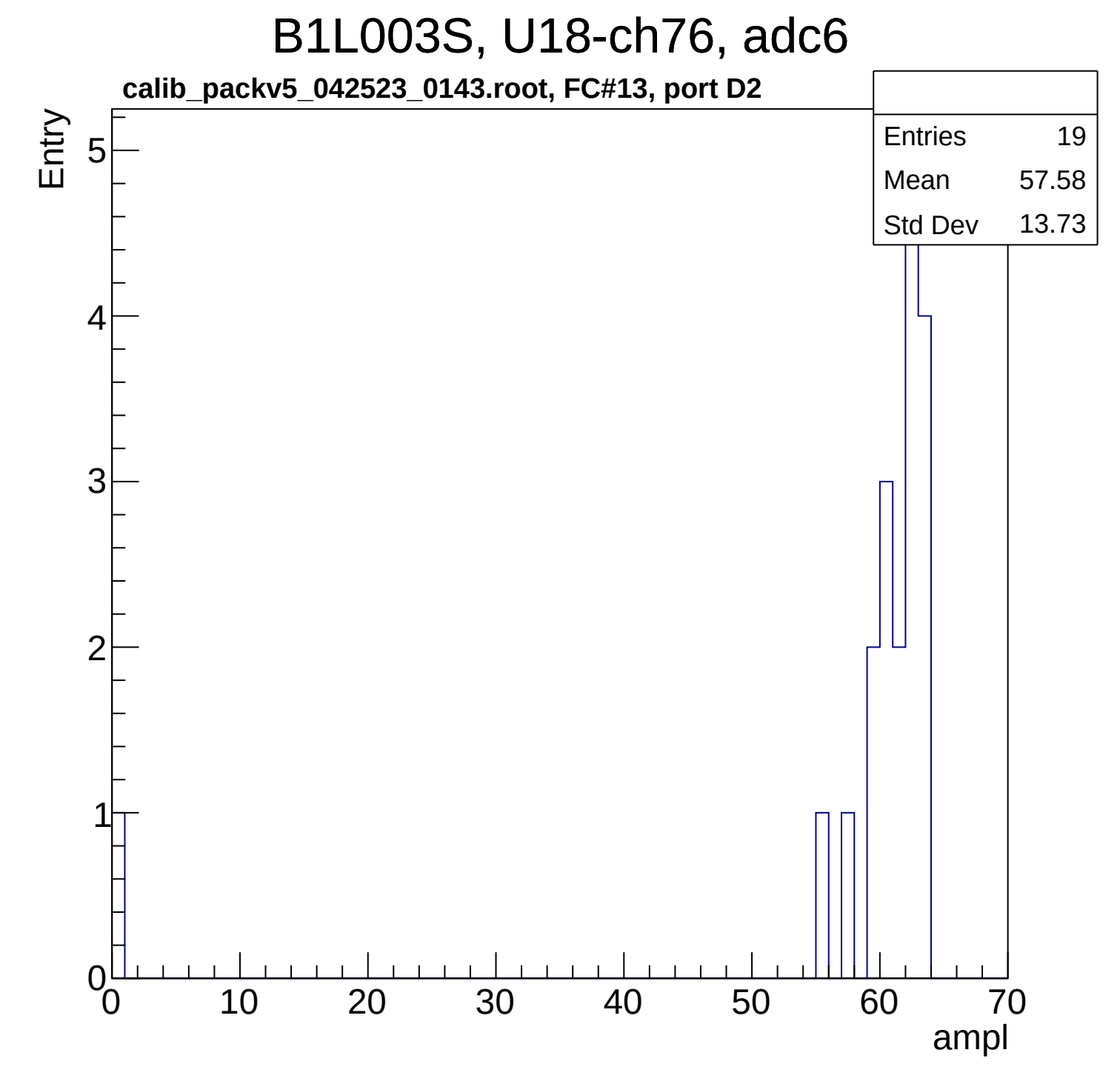

B1L003S, U18-ch76, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 35.19
Std Dev 2.997
Gaus mean : 35.8929
Gaus Width: 3.3911
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

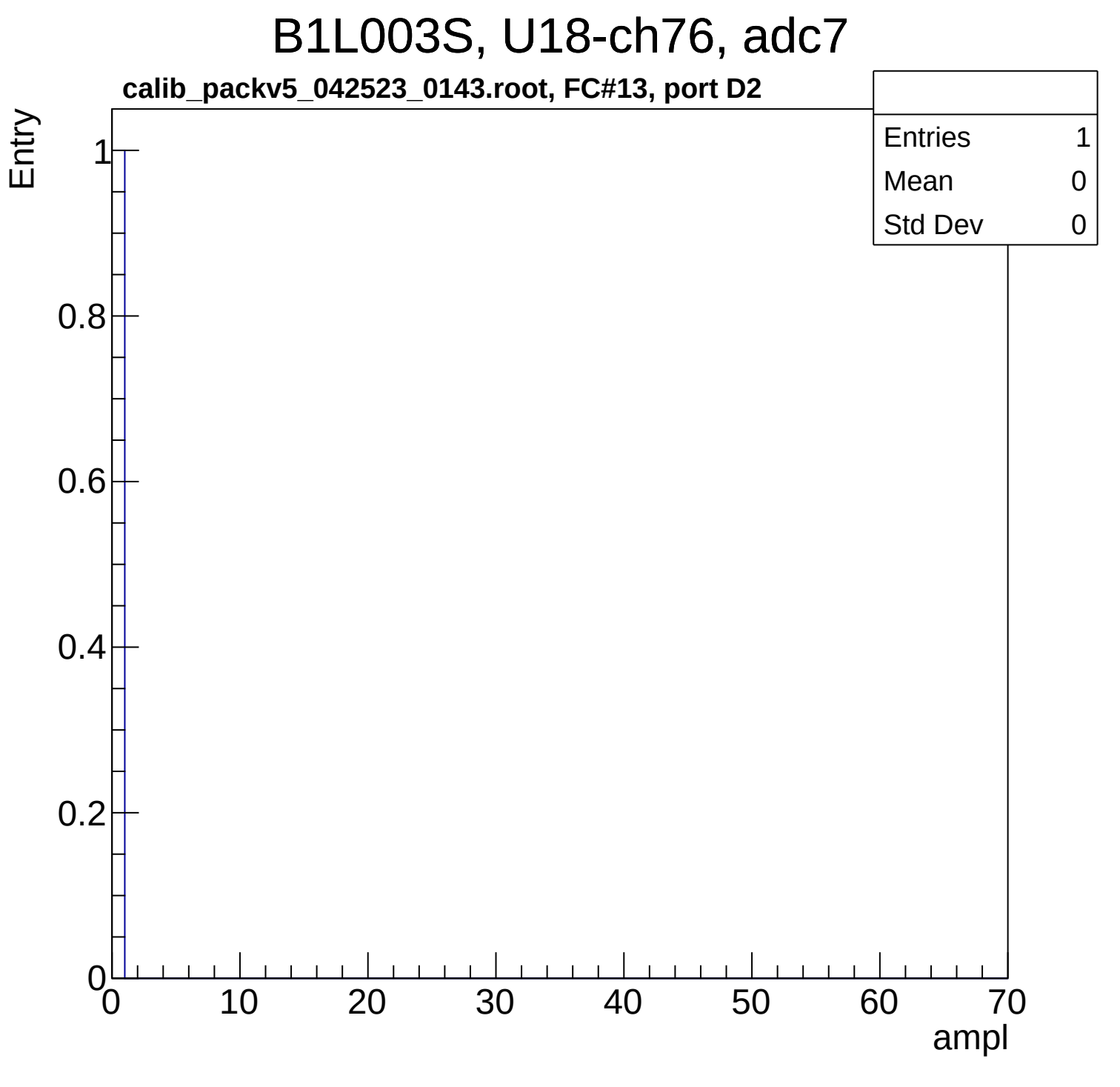

B1L003S, U18-ch76, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 41
Std Dev 3.629
Gaus mean : 40.8033
Gaus Width: 4.7530
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

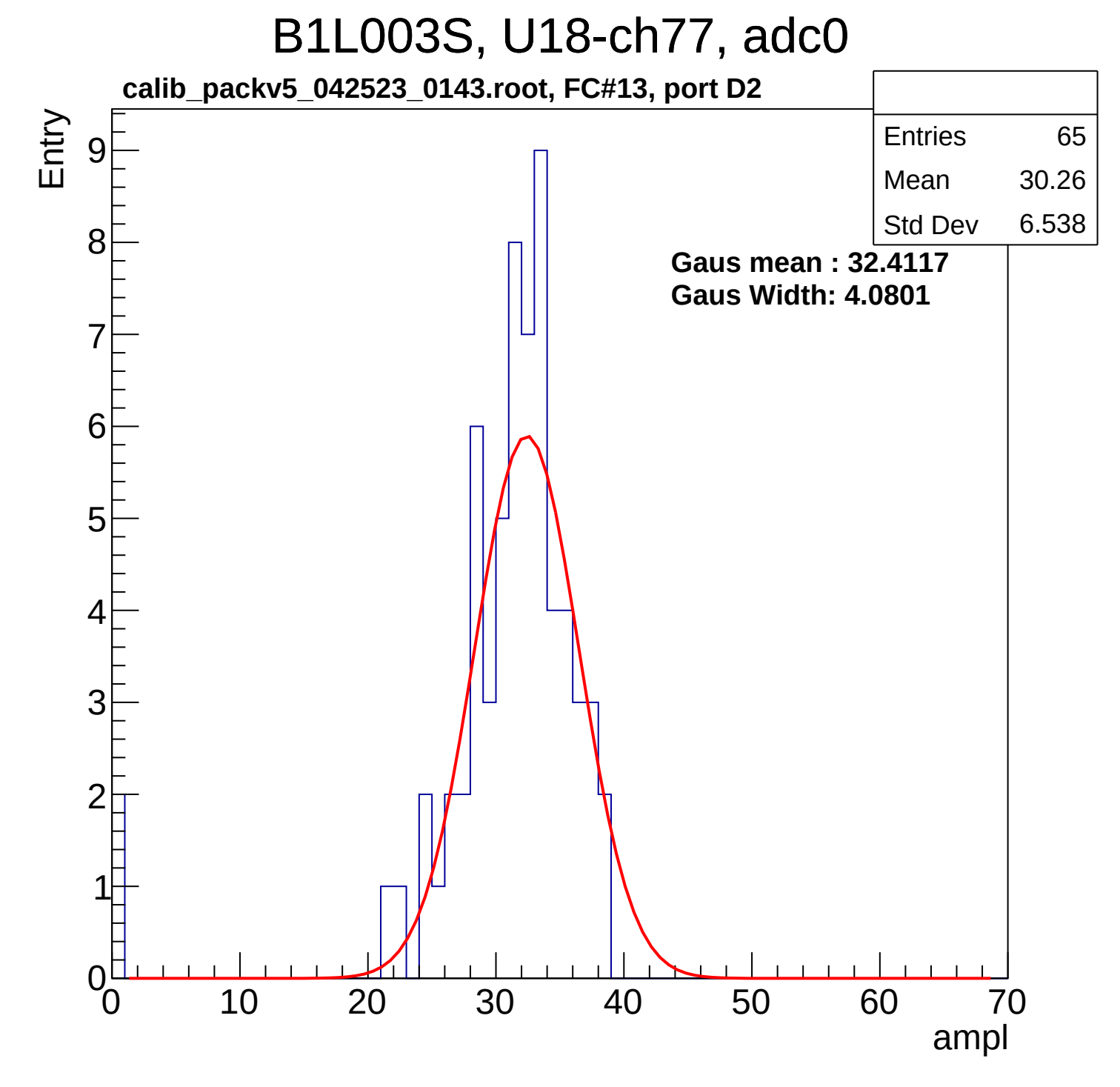

B1L003S, U18-ch76, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 78
Mean 47.24
Std Dev 3.588
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

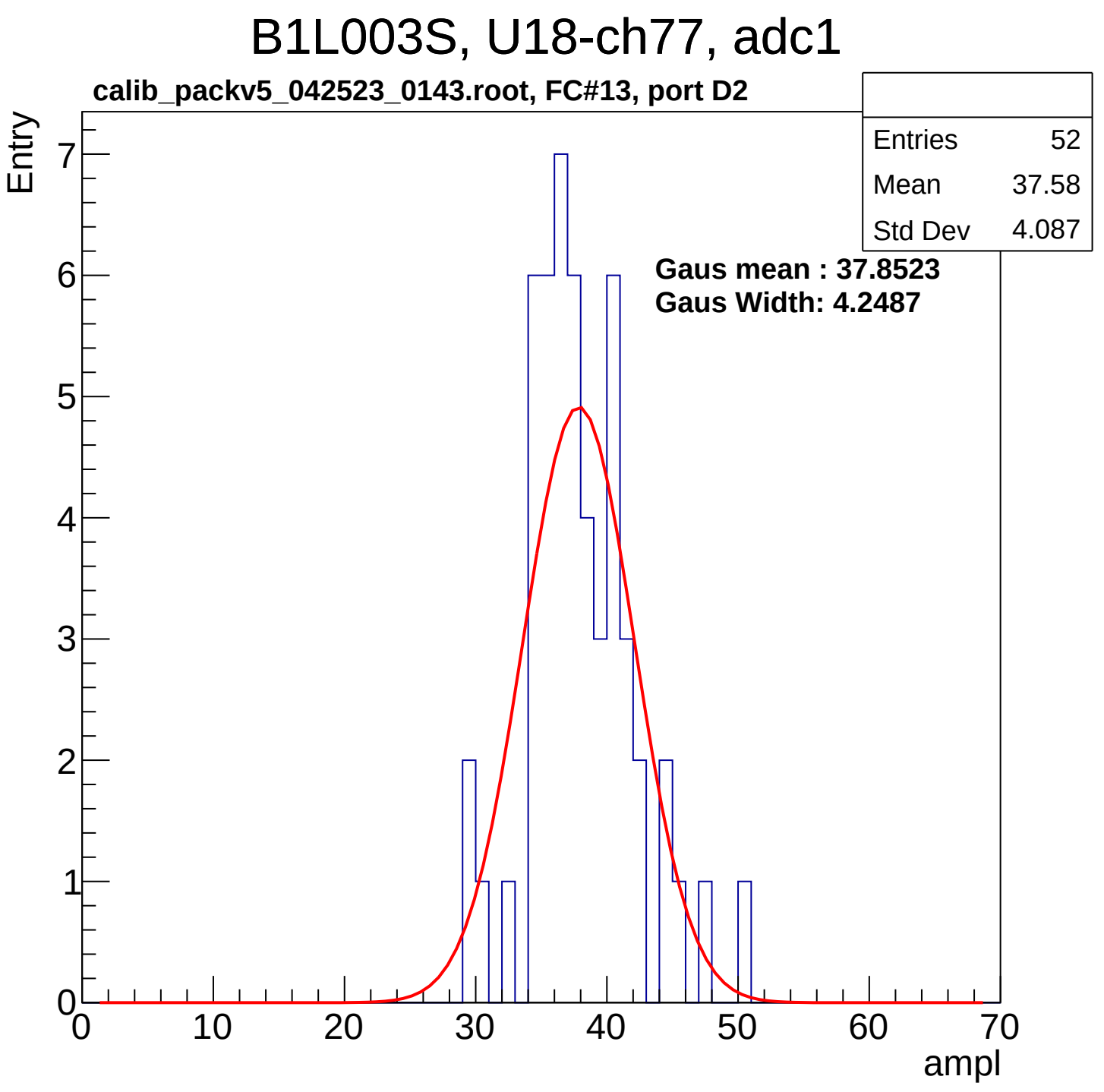

B1L003S, U18-ch76, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 54.23
Std Dev 2.982
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

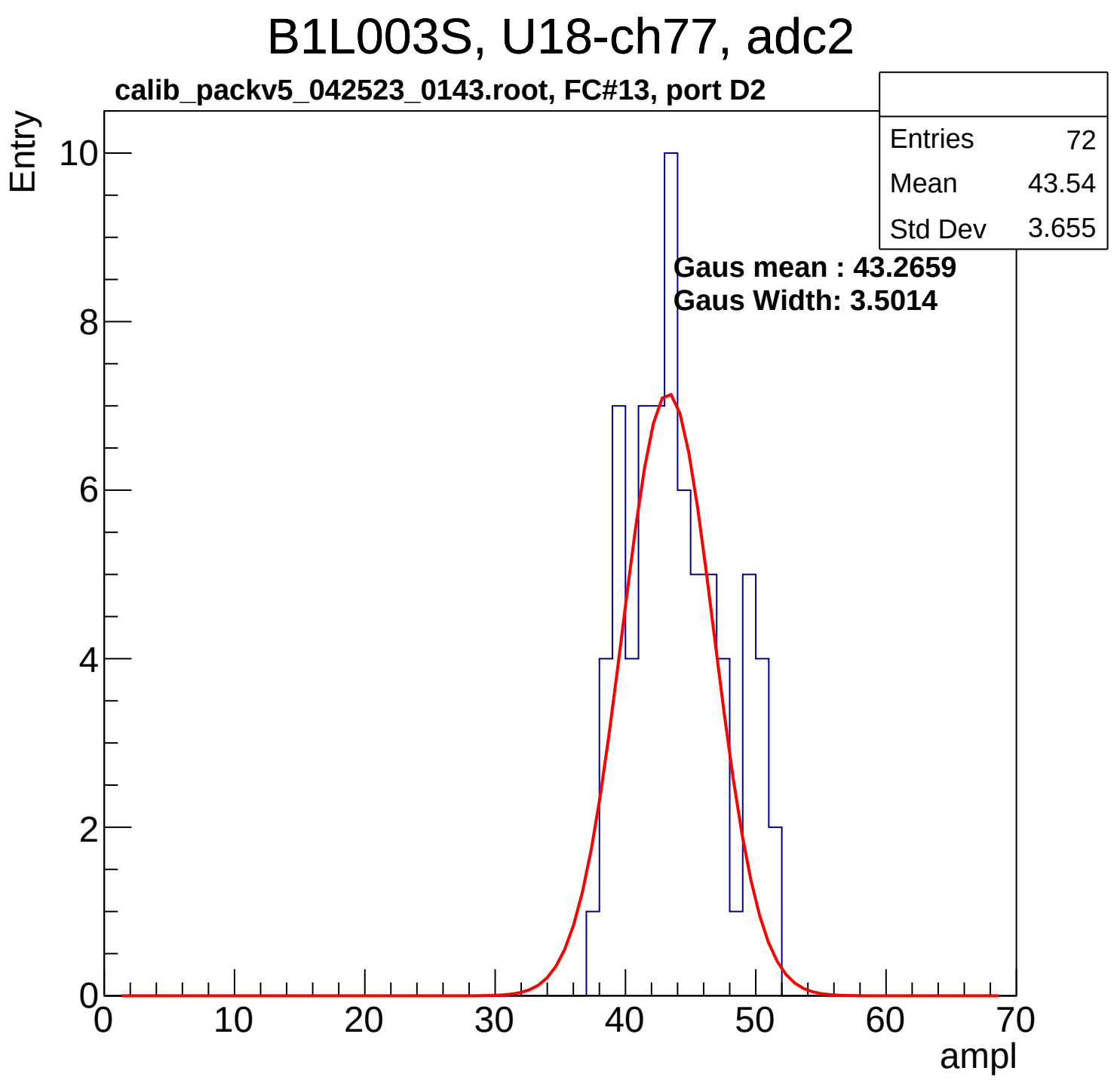

B1L003S, U18-ch76, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 59.28
Std Dev 2.781
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

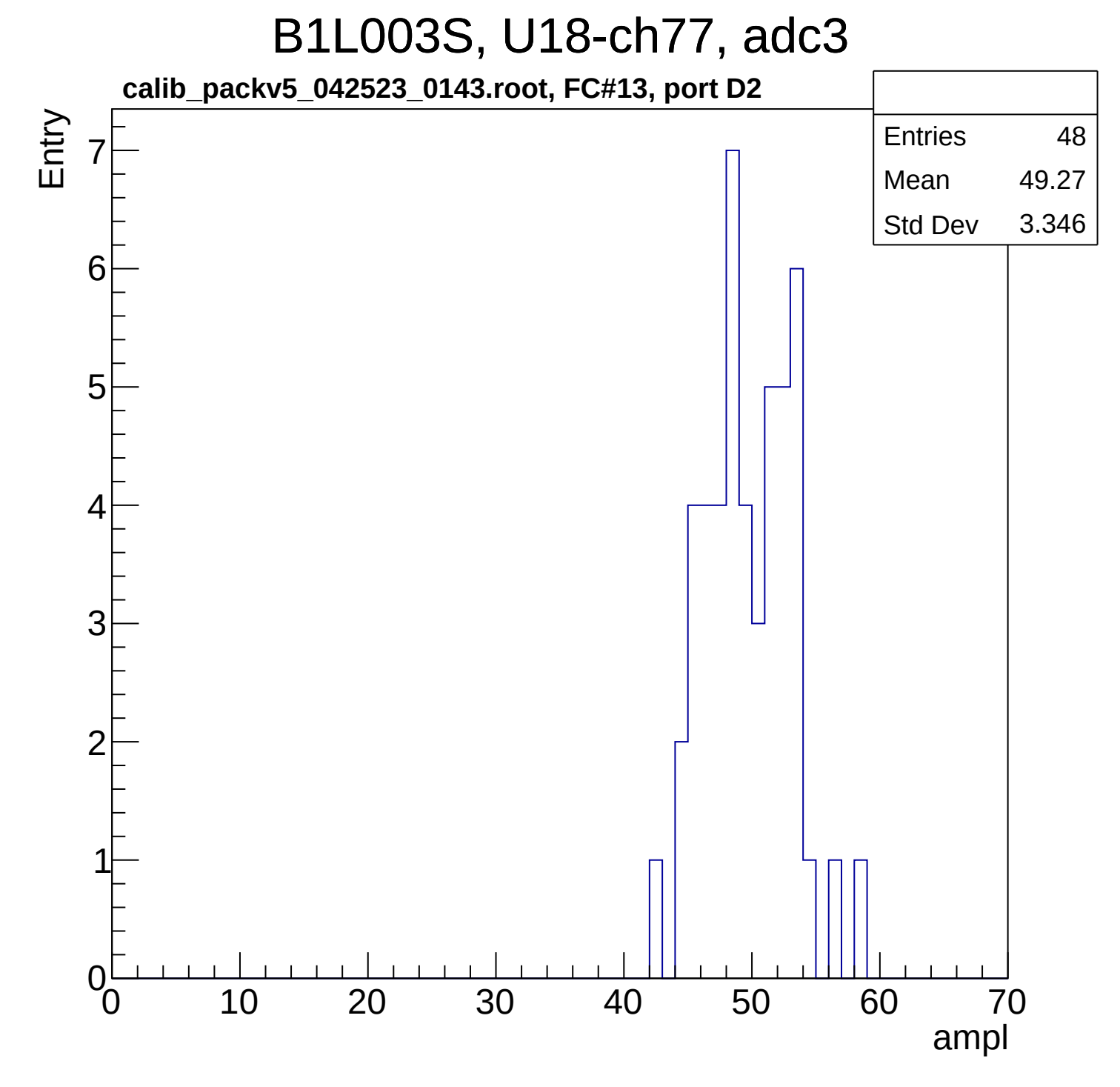

B1L003S, U18-ch76, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 19
Mean 57.58
Std Dev 13.73
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

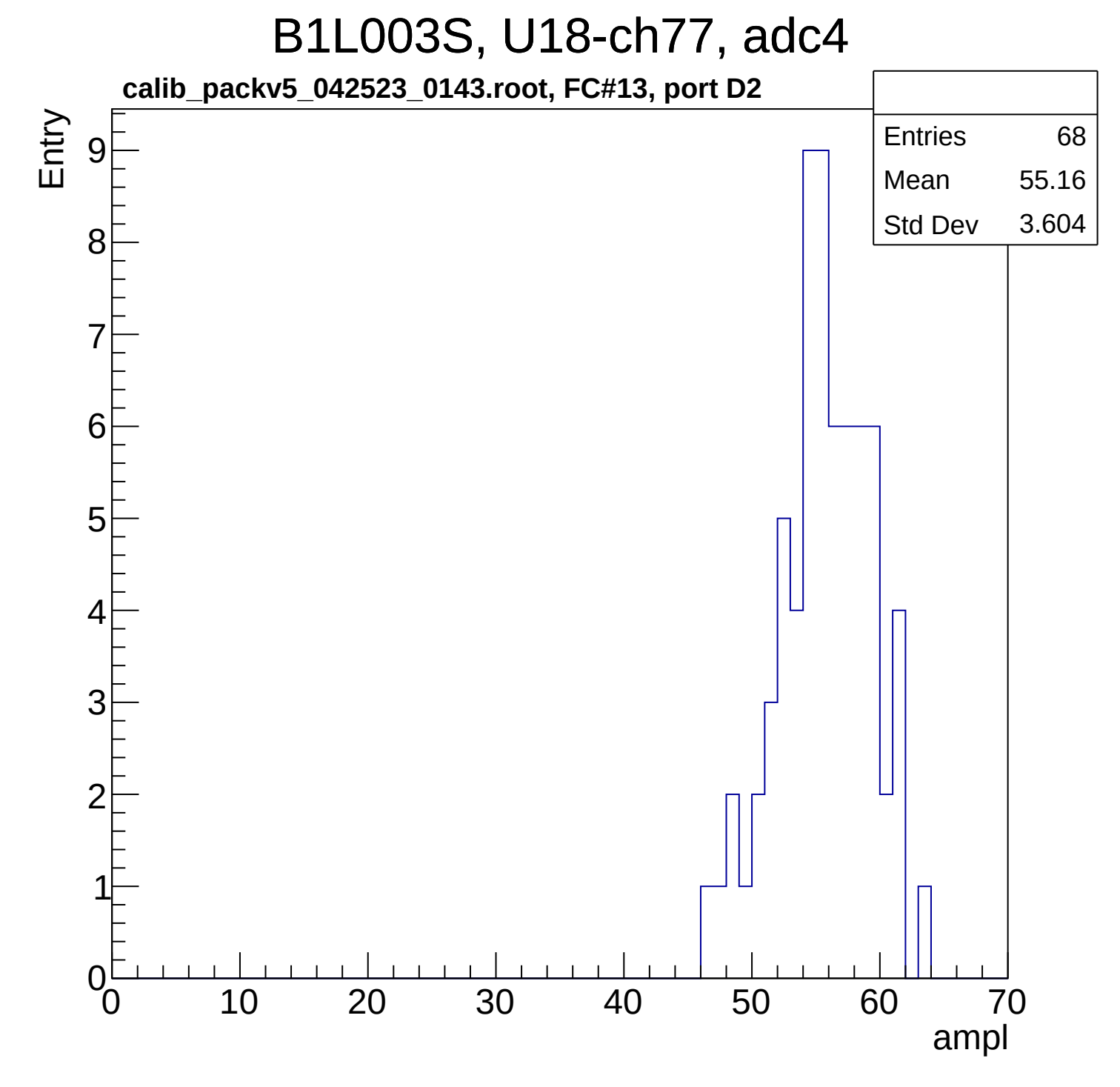

B1L003S, U18-ch76, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

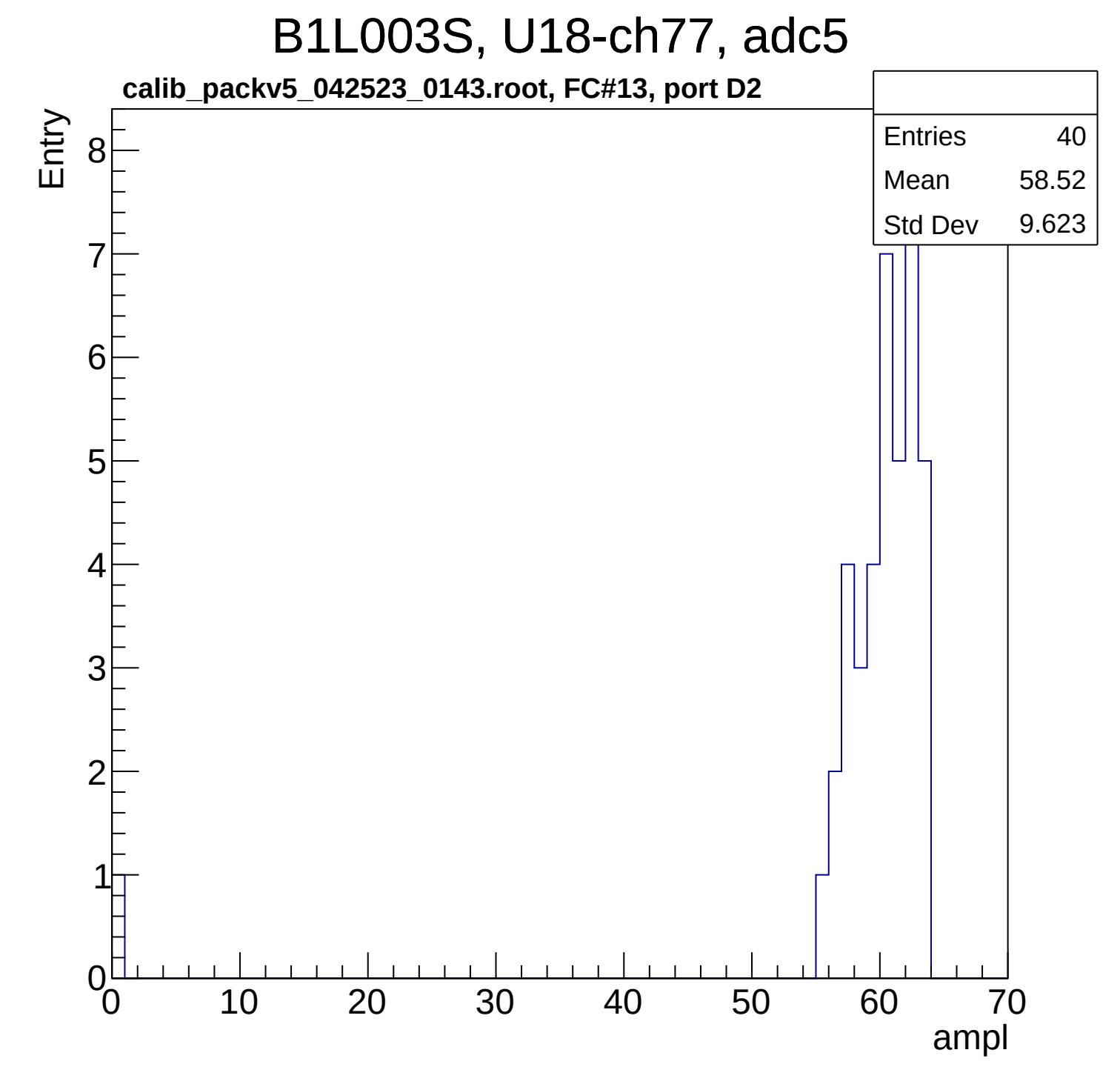

B1L003S, U18-ch77, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 30.26
Std Dev 6.538
Gaus mean : 32.4117
Gaus Width: 4.0801
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

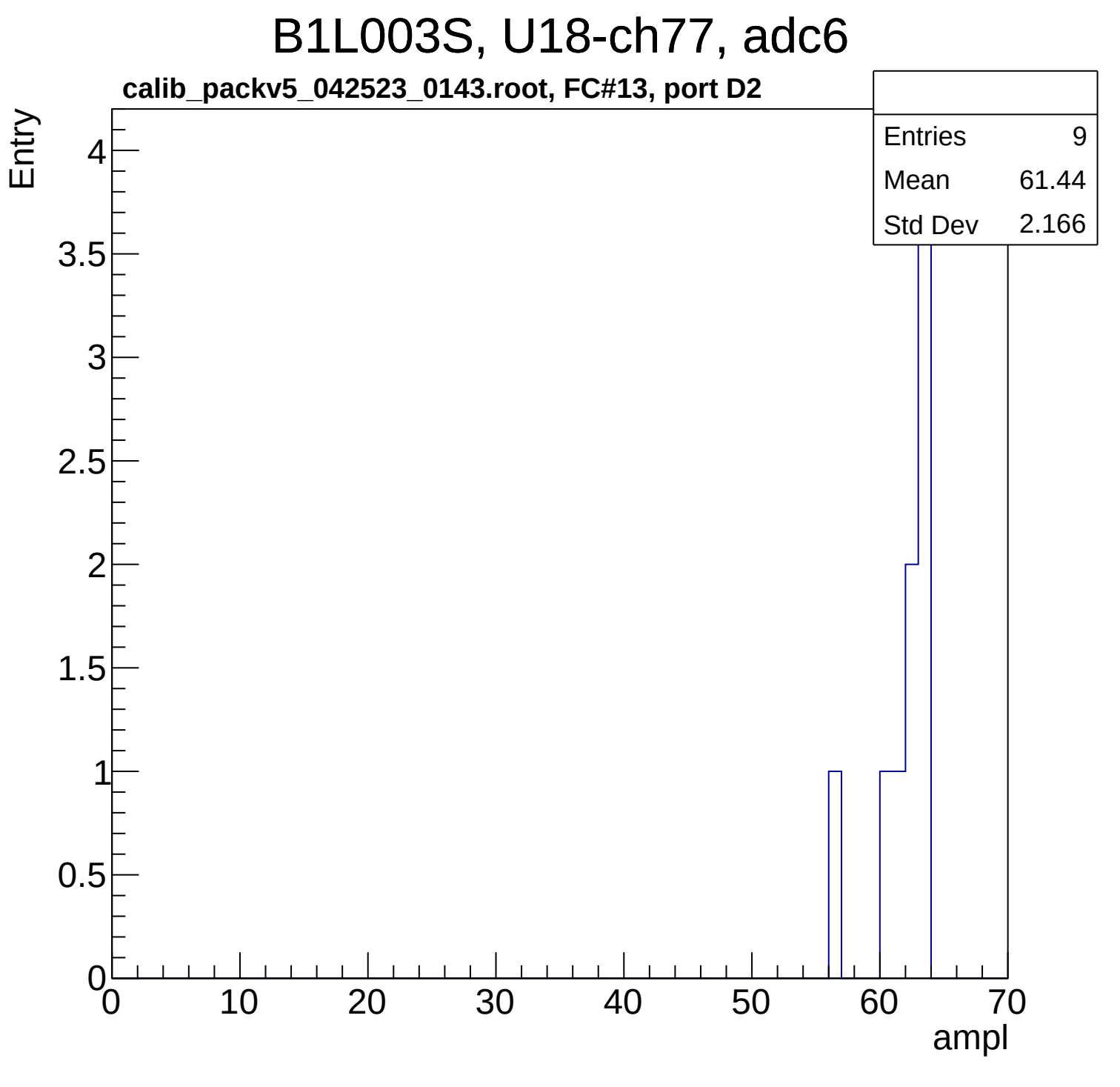

B1L003S, U18-ch77, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 37.58
Std Dev 4.087
Gaus mean : 37.8523
Gaus Width: 4.2487
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

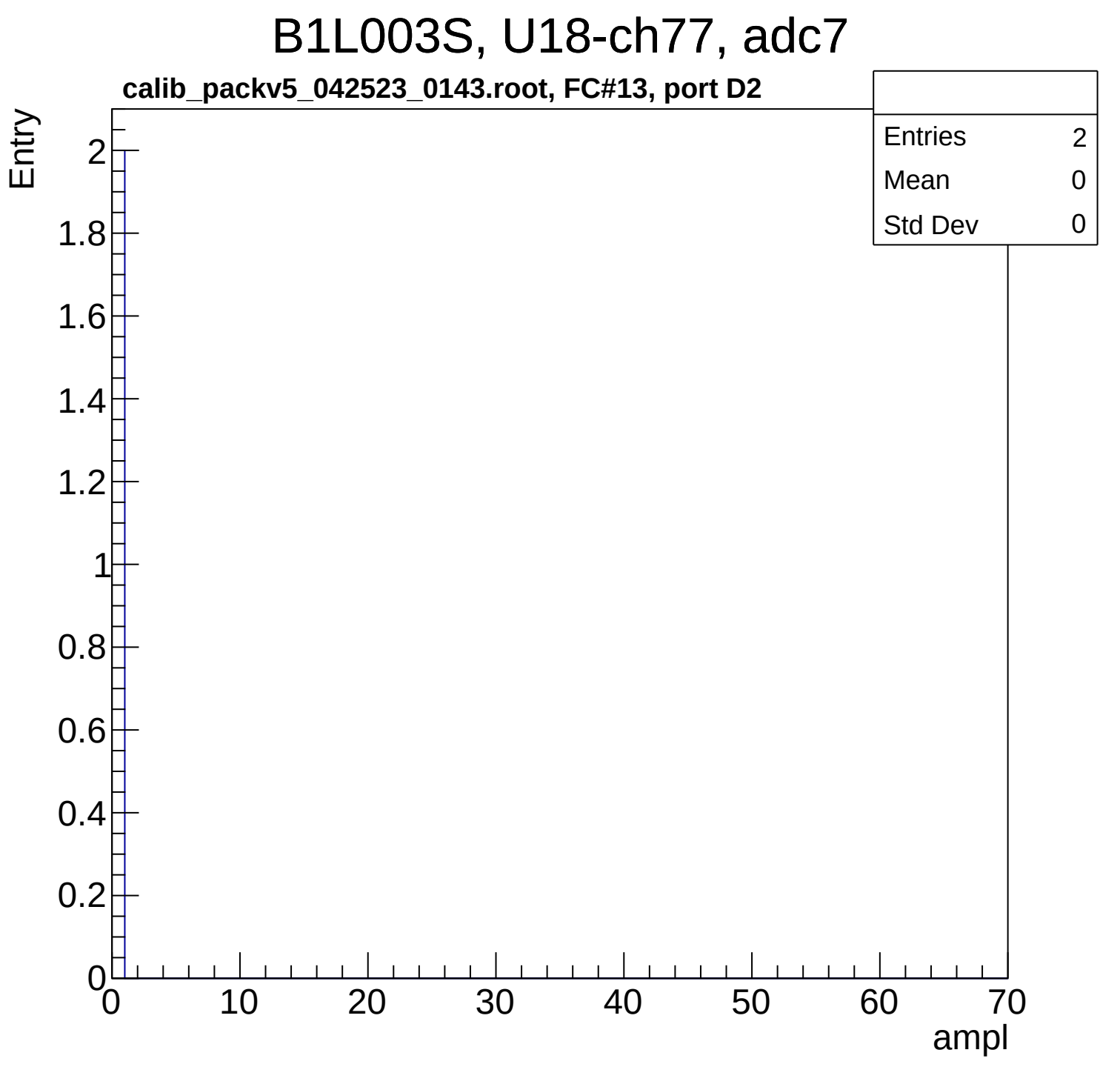

B1L003S, U18-ch77, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 43.54
Std Dev 3.655
Gaus mean : 43.2659
Gaus Width: 3.5014
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

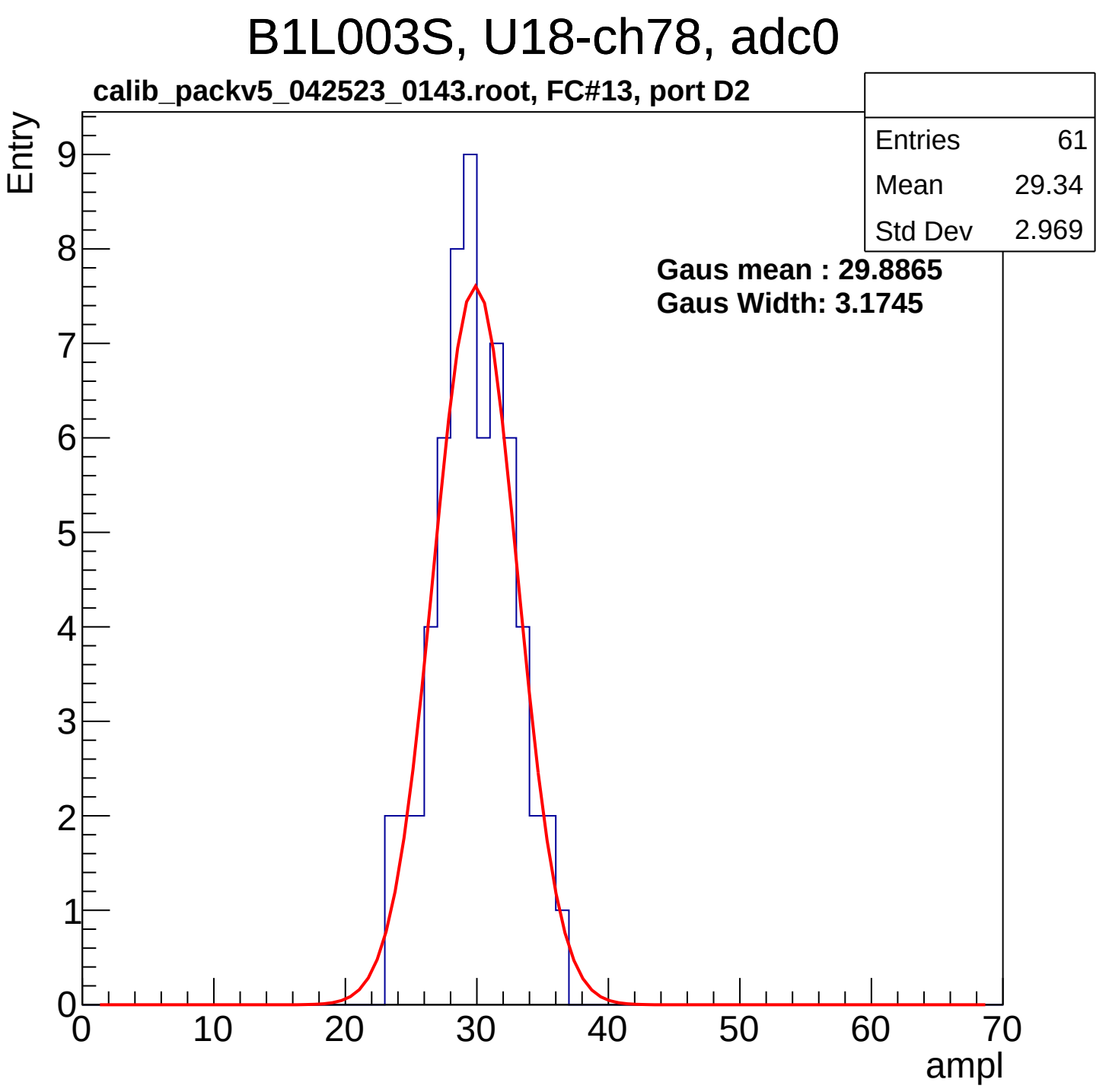

B1L003S, U18-ch77, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 49.27
Std Dev 3.346
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

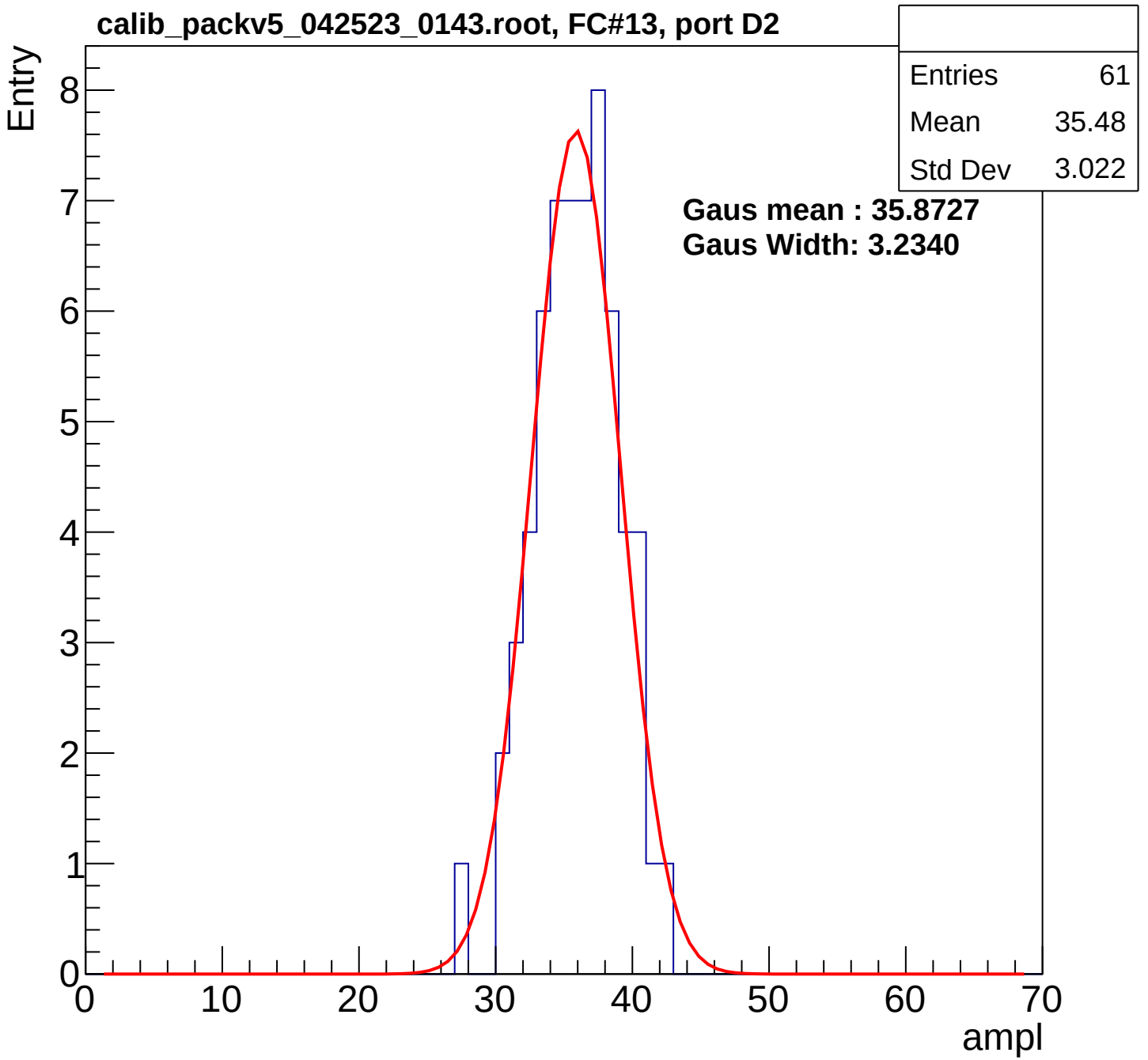

B1L003S, U18-ch77, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 55.16
Std Dev 3.604
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

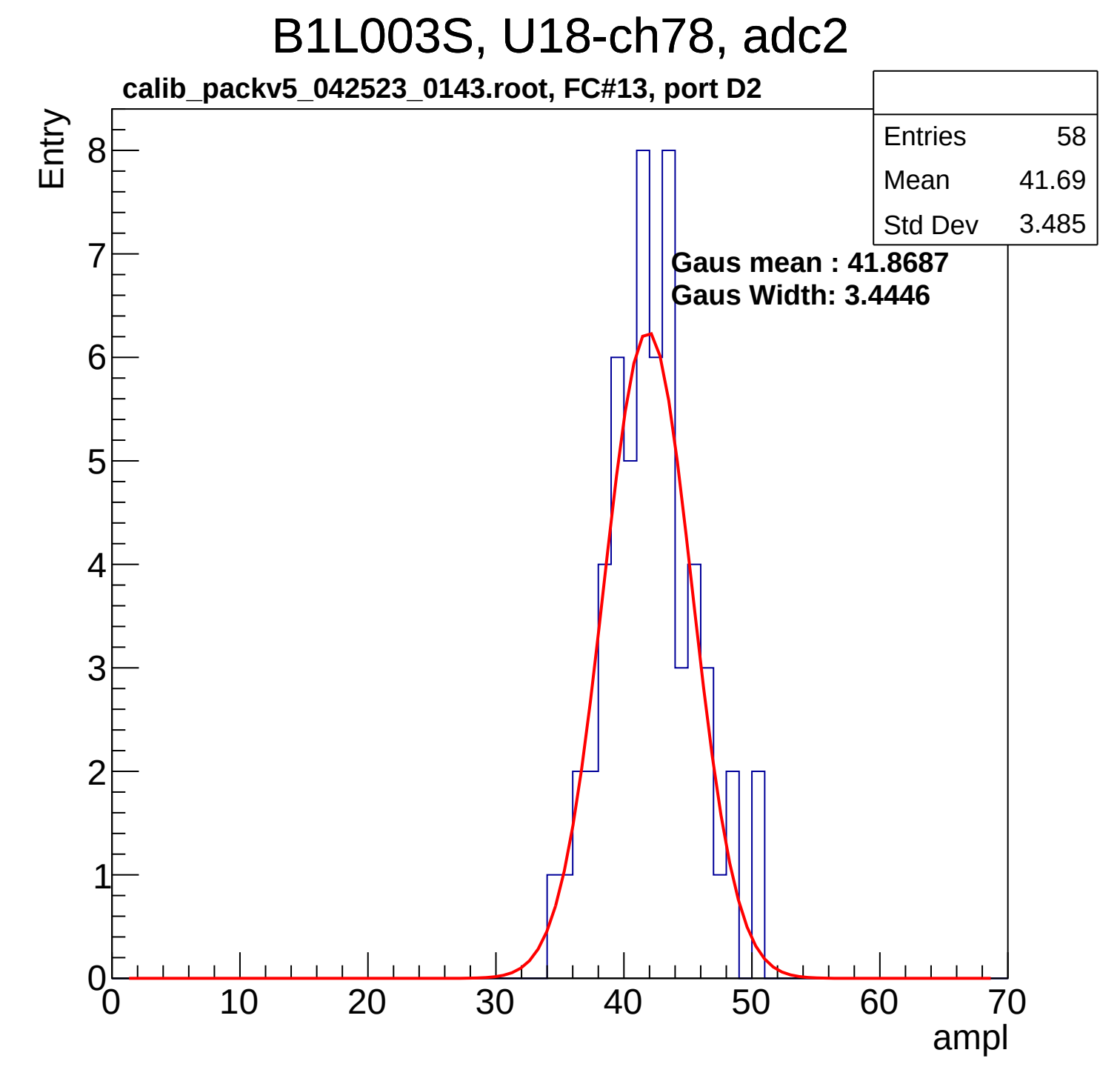

B1L003S, U18-ch77, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 58.52
Std Dev 9.623
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

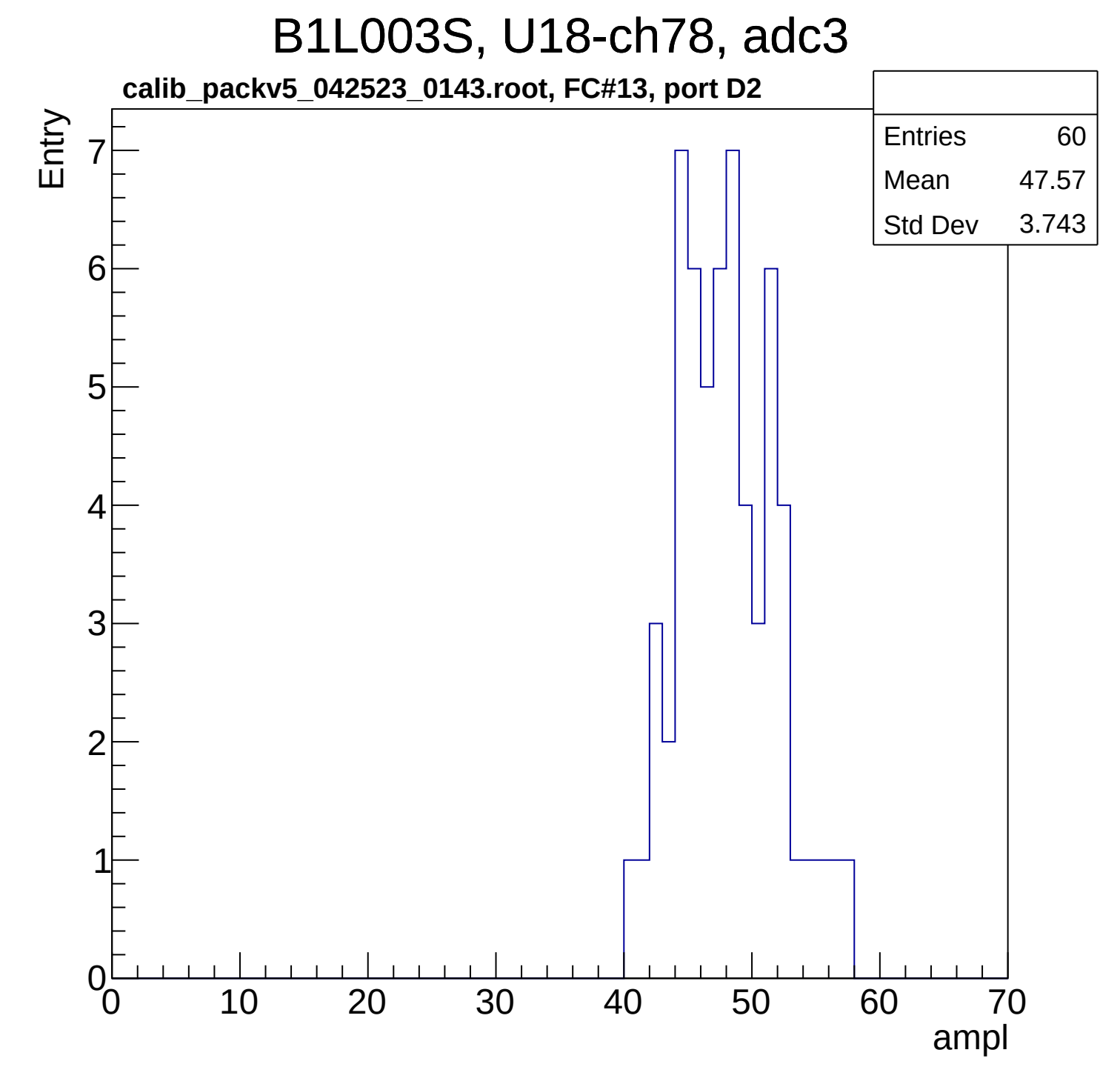

B1L003S, U18-ch77, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 61.44
Std Dev 2.166
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

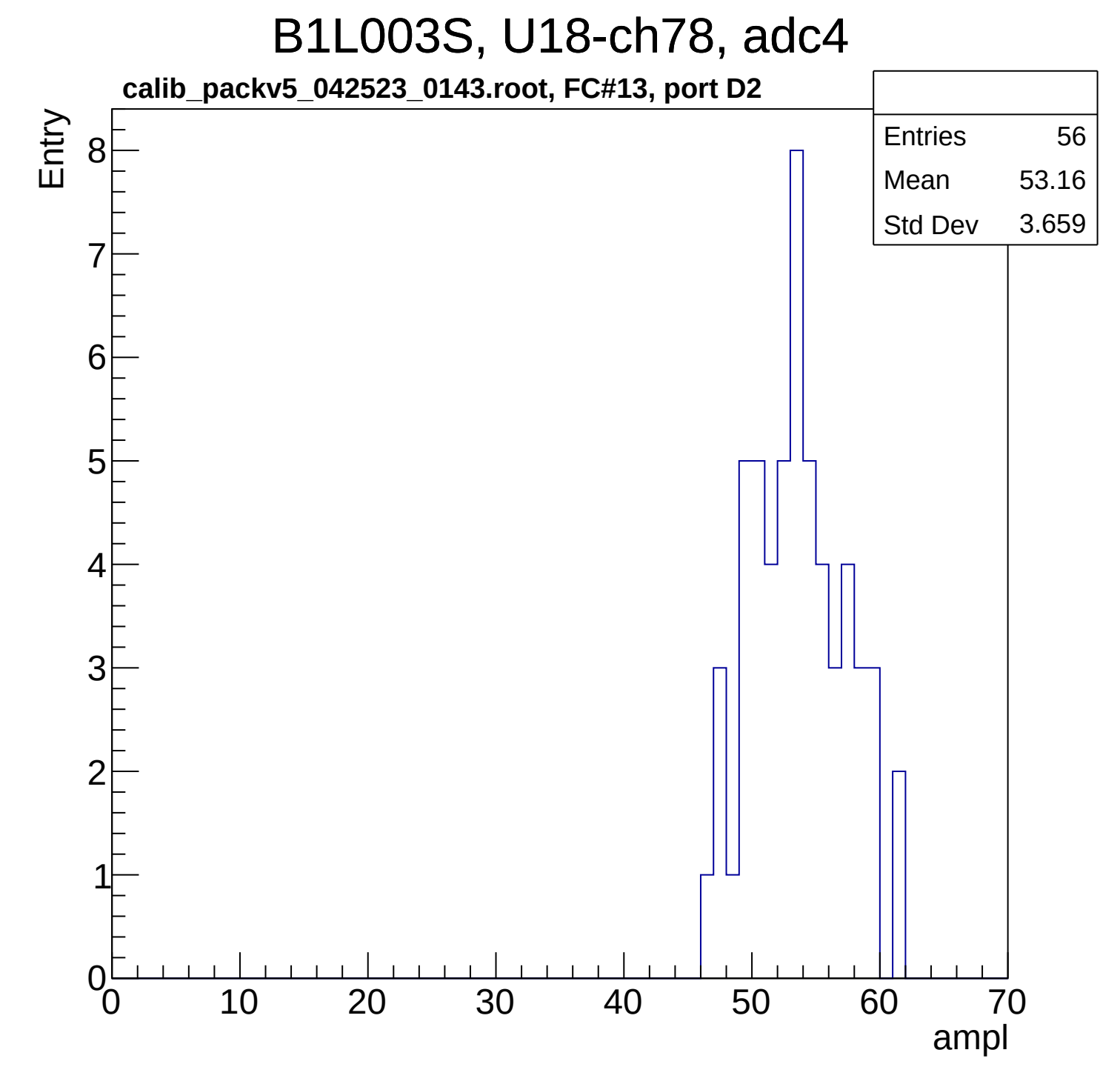

B1L003S, U18-ch77, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

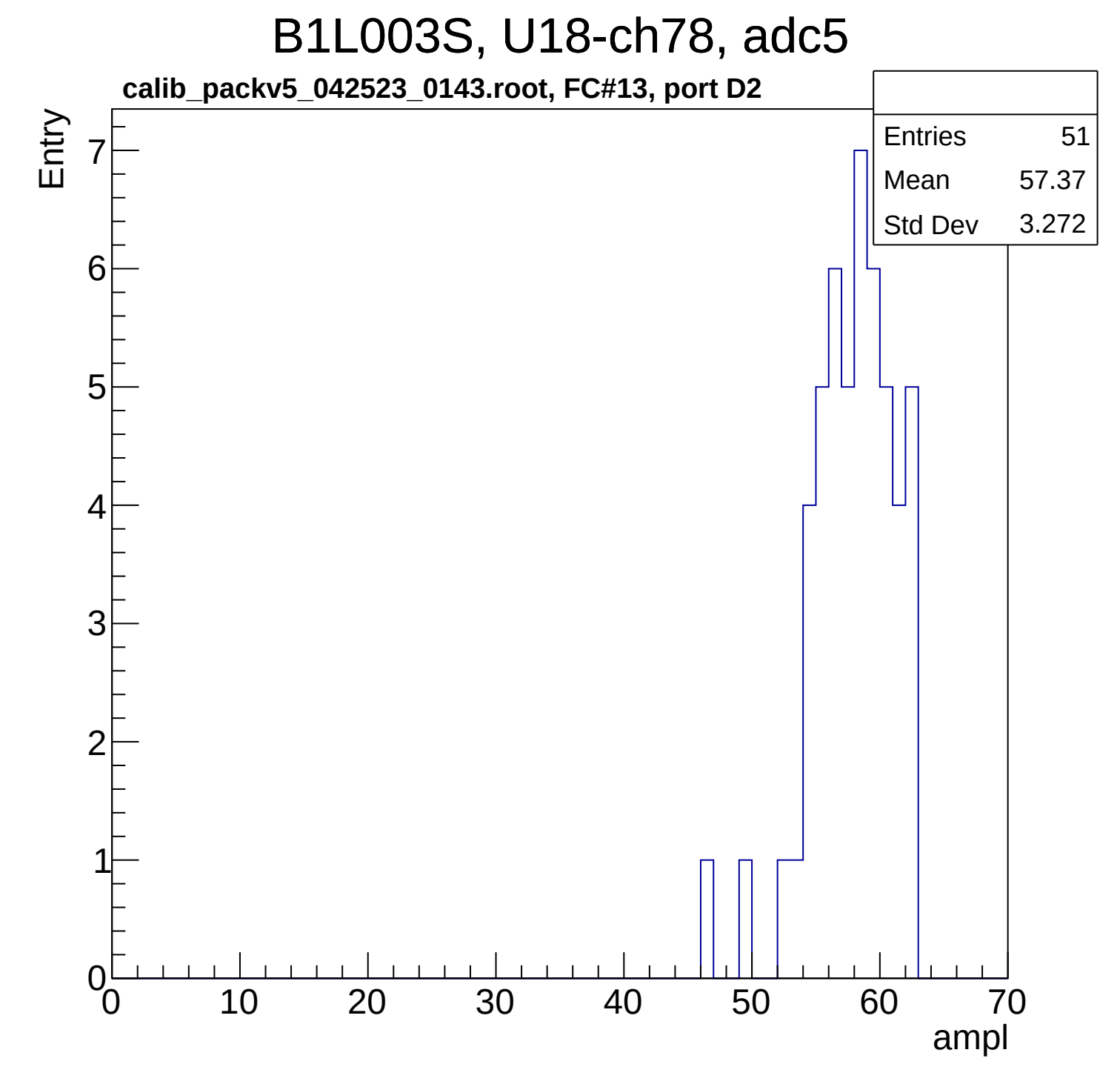

B1L003S, U18-ch78, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 29.34
Std Dev 2.969
Gaus mean : 29.8865
Gaus Width: 3.1745
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

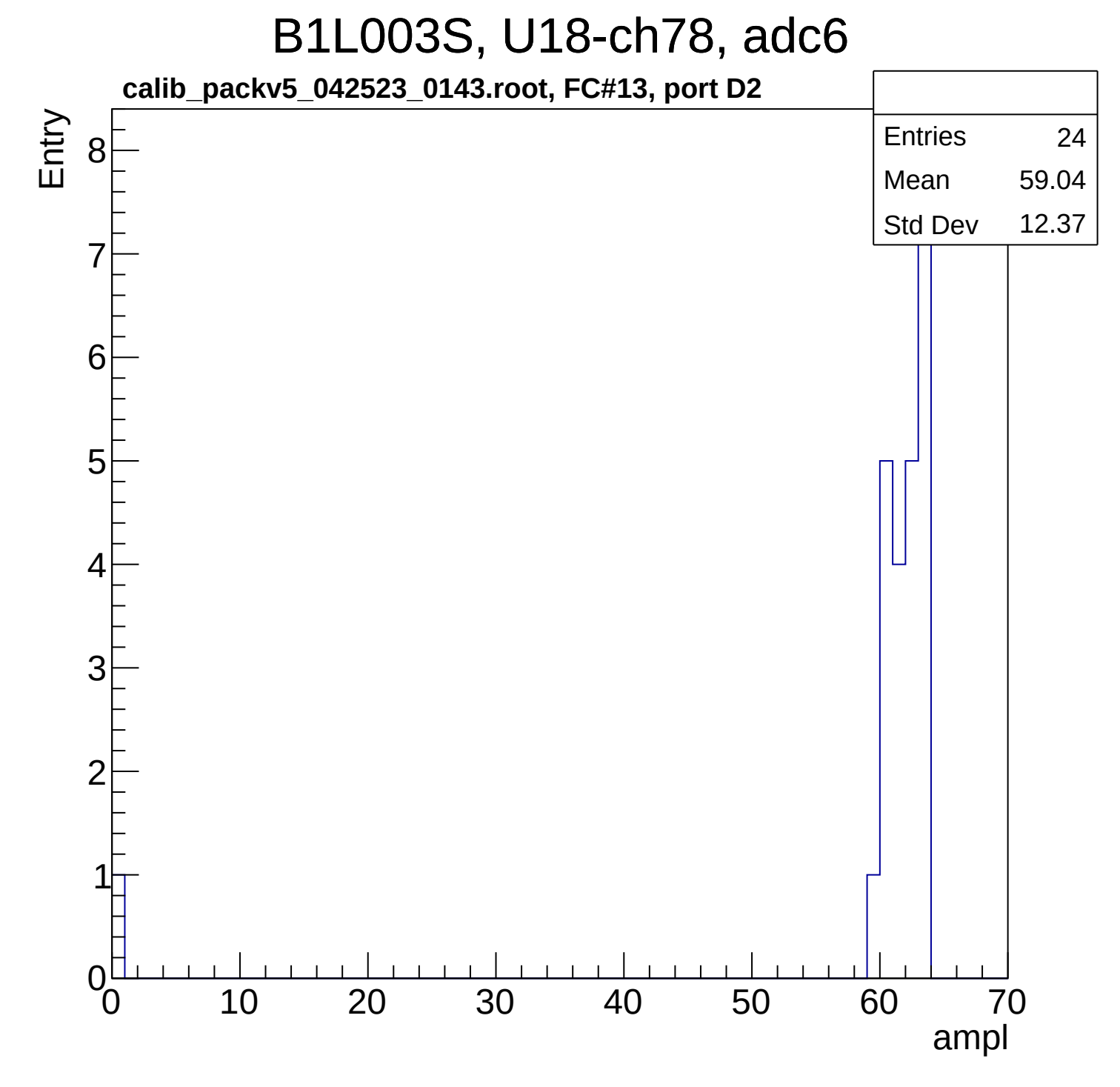

B1L003S, U18-ch78, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 35.48
Std Dev 3.022
Gaus mean : 35.8727
Gaus Width: 3.2340
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

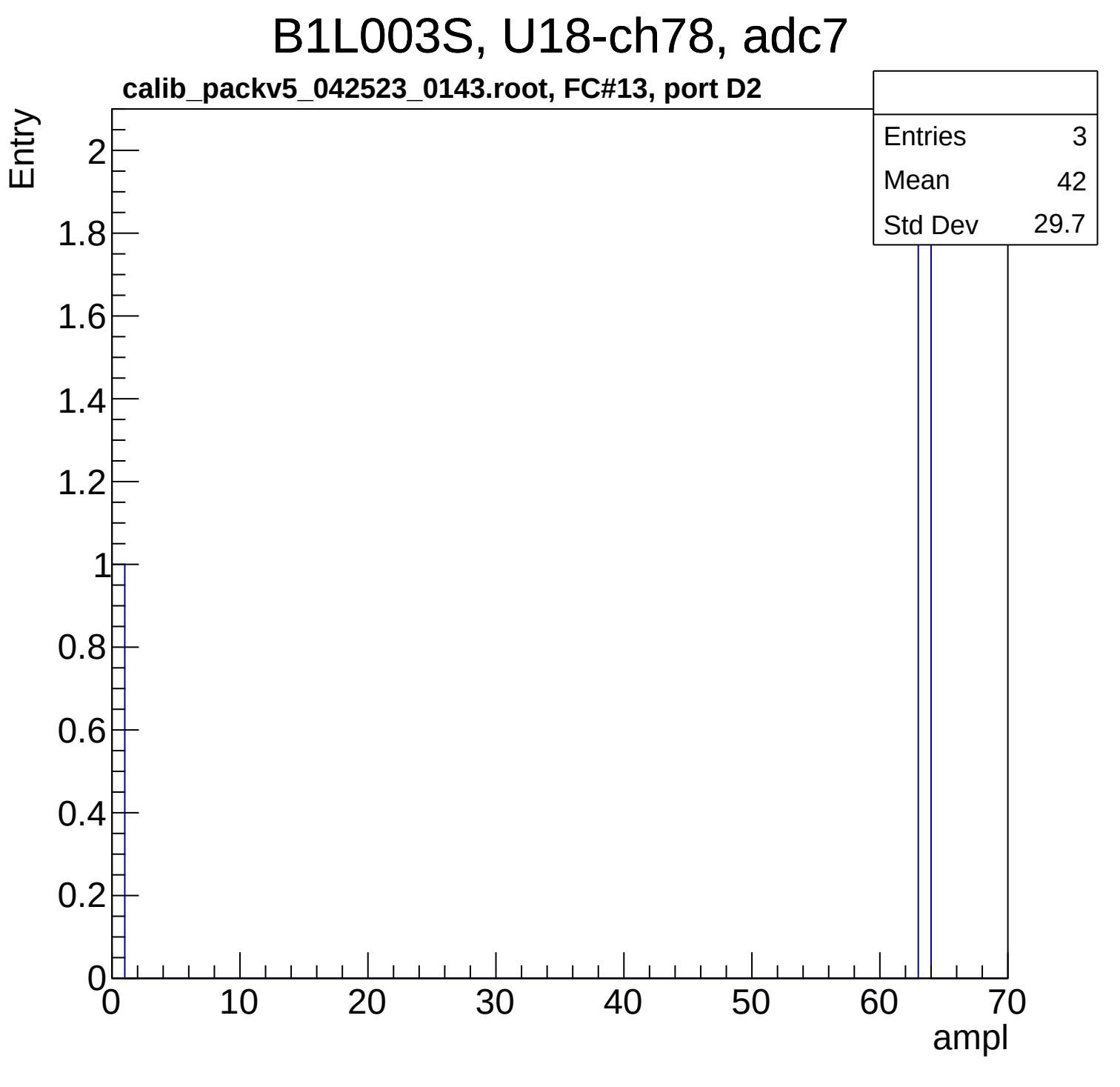

B1L003S, U18-ch78, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 41.69
Std Dev 3.485
Gaus mean : 41.8687
Gaus Width: 3.4446
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

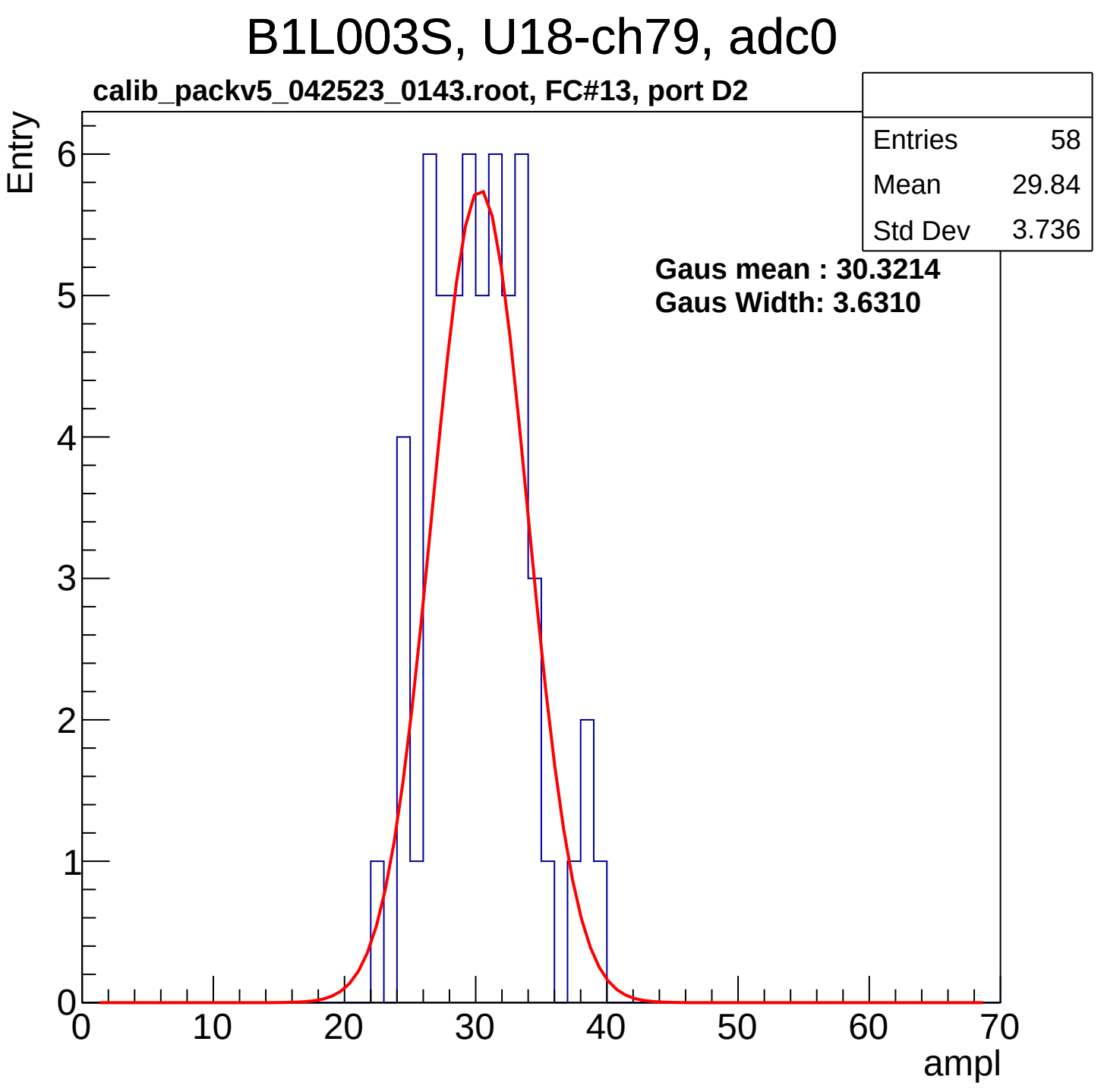

B1L003S, U18-ch78, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 47.57
Std Dev 3.743
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

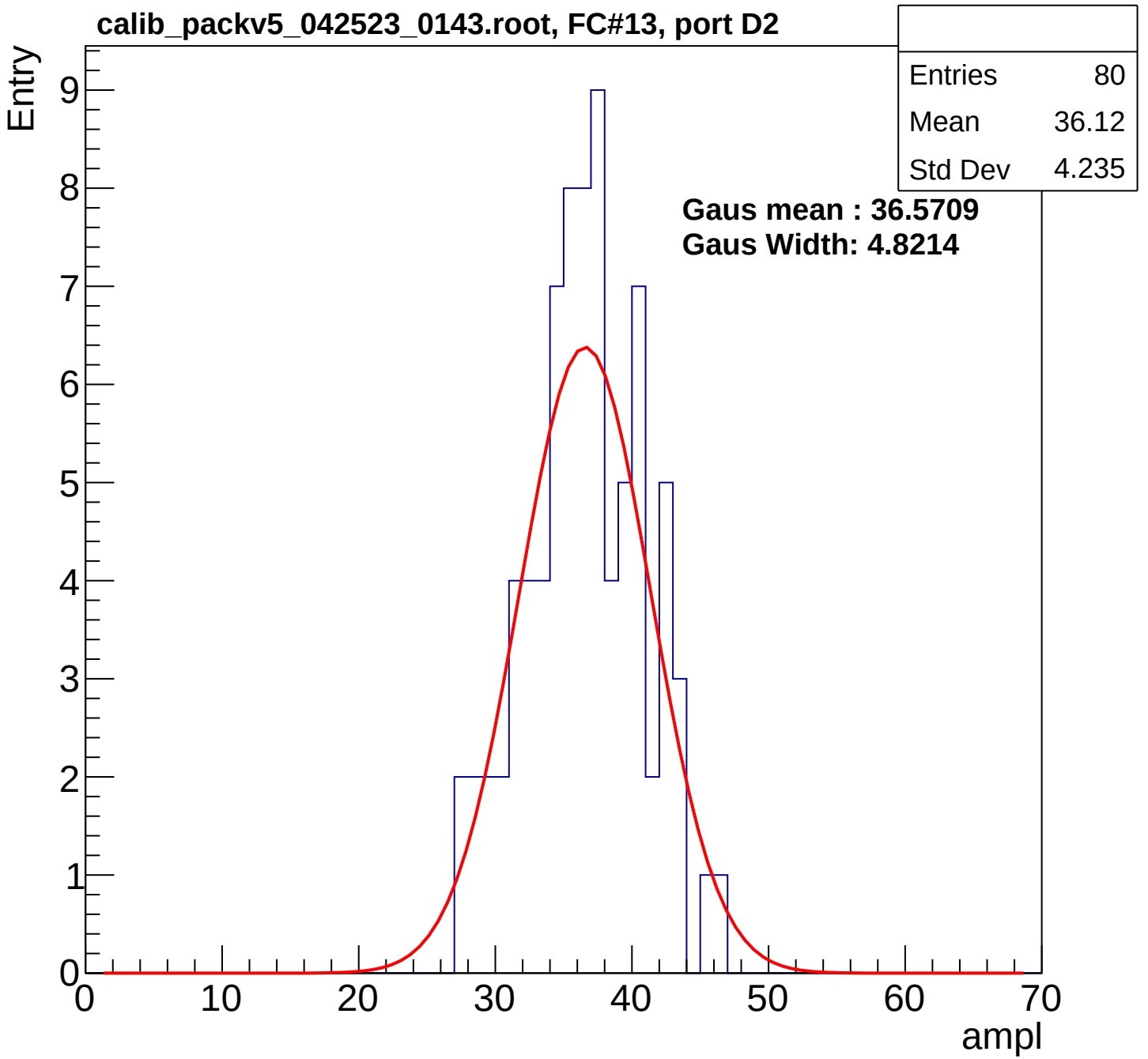

B1L003S, U18-ch78, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 53.16
Std Dev 3.659
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

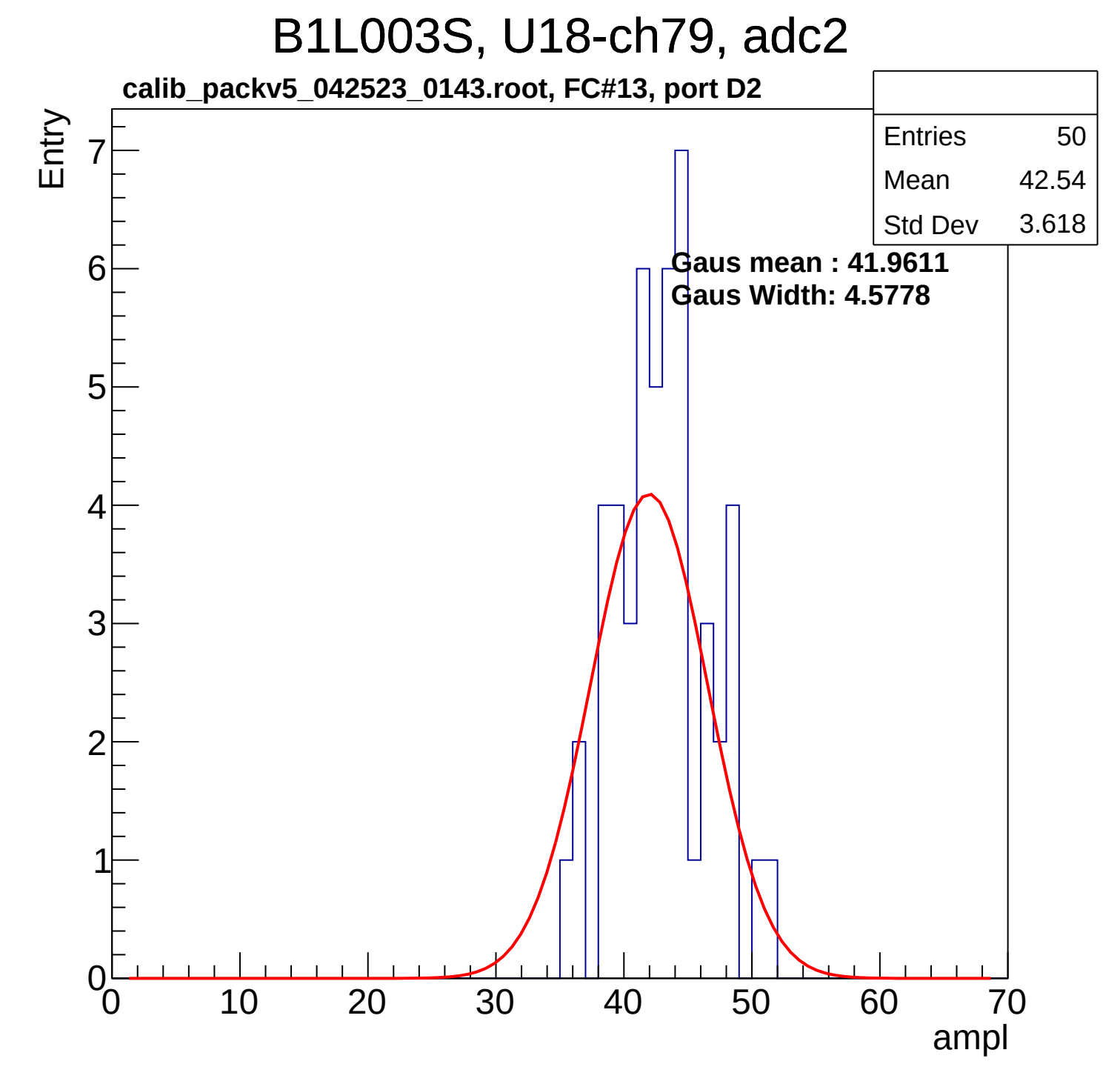

B1L003S, U18-ch78, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 57.37
Std Dev 3.272
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

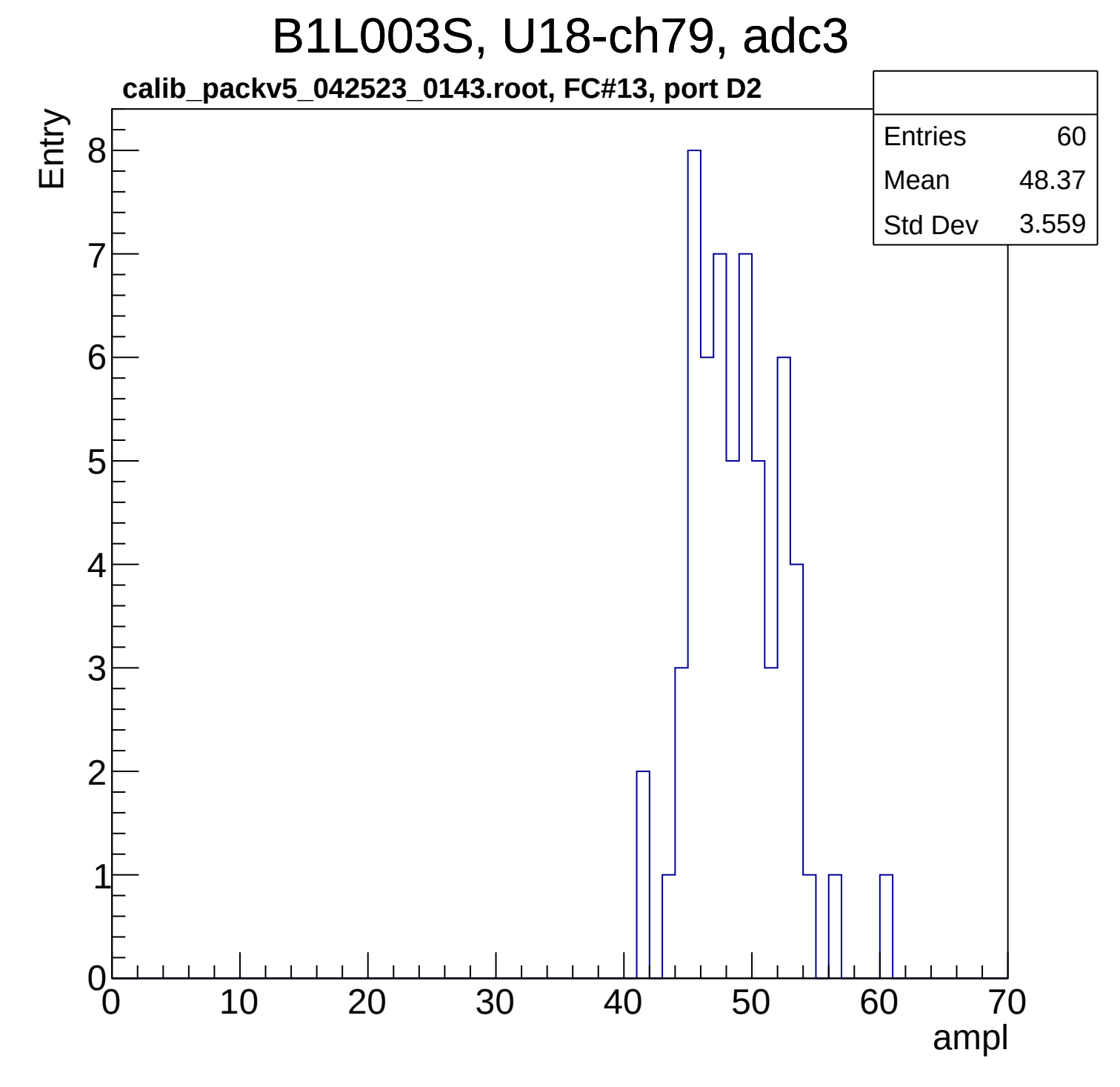

B1L003S, U18-ch78, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 24
Mean 59.04
Std Dev 12.37
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

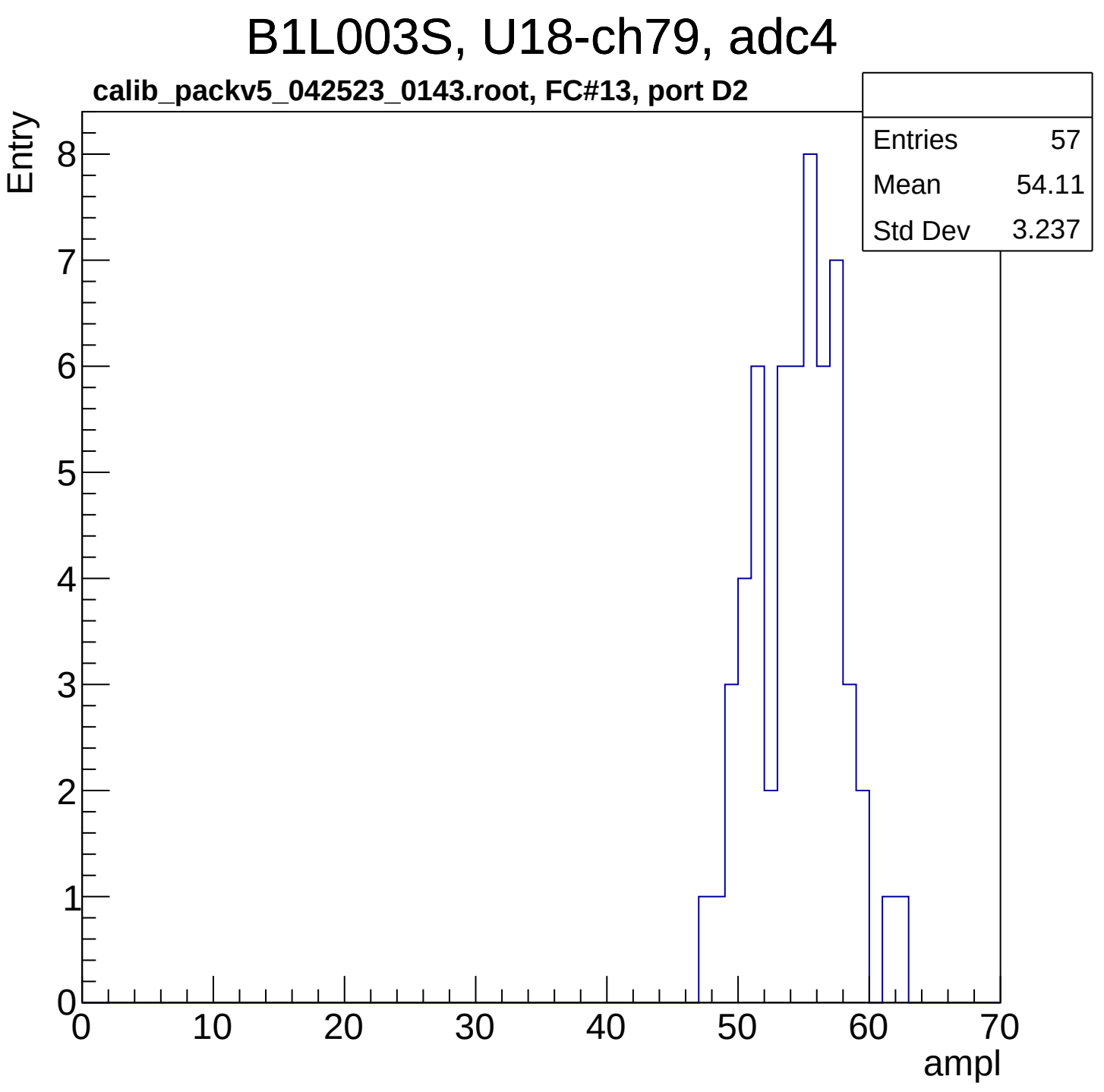

B1L003S, U18-ch78, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 42
Std Dev 29.7
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl

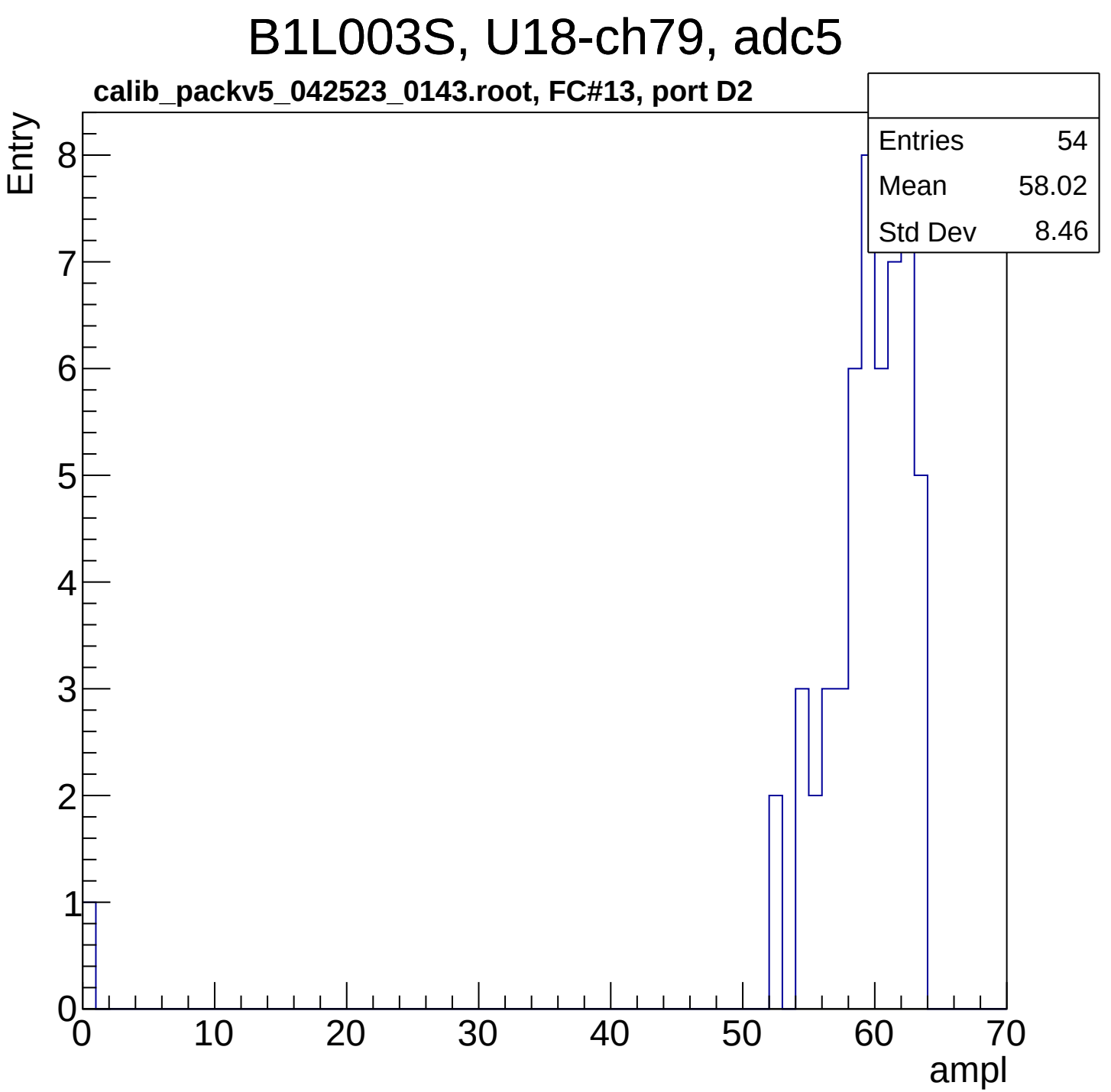

B1L003S, U18-ch79, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 29.84
Std Dev 3.736
Gaus mean : 30.3214
Gaus Width: 3.6310
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

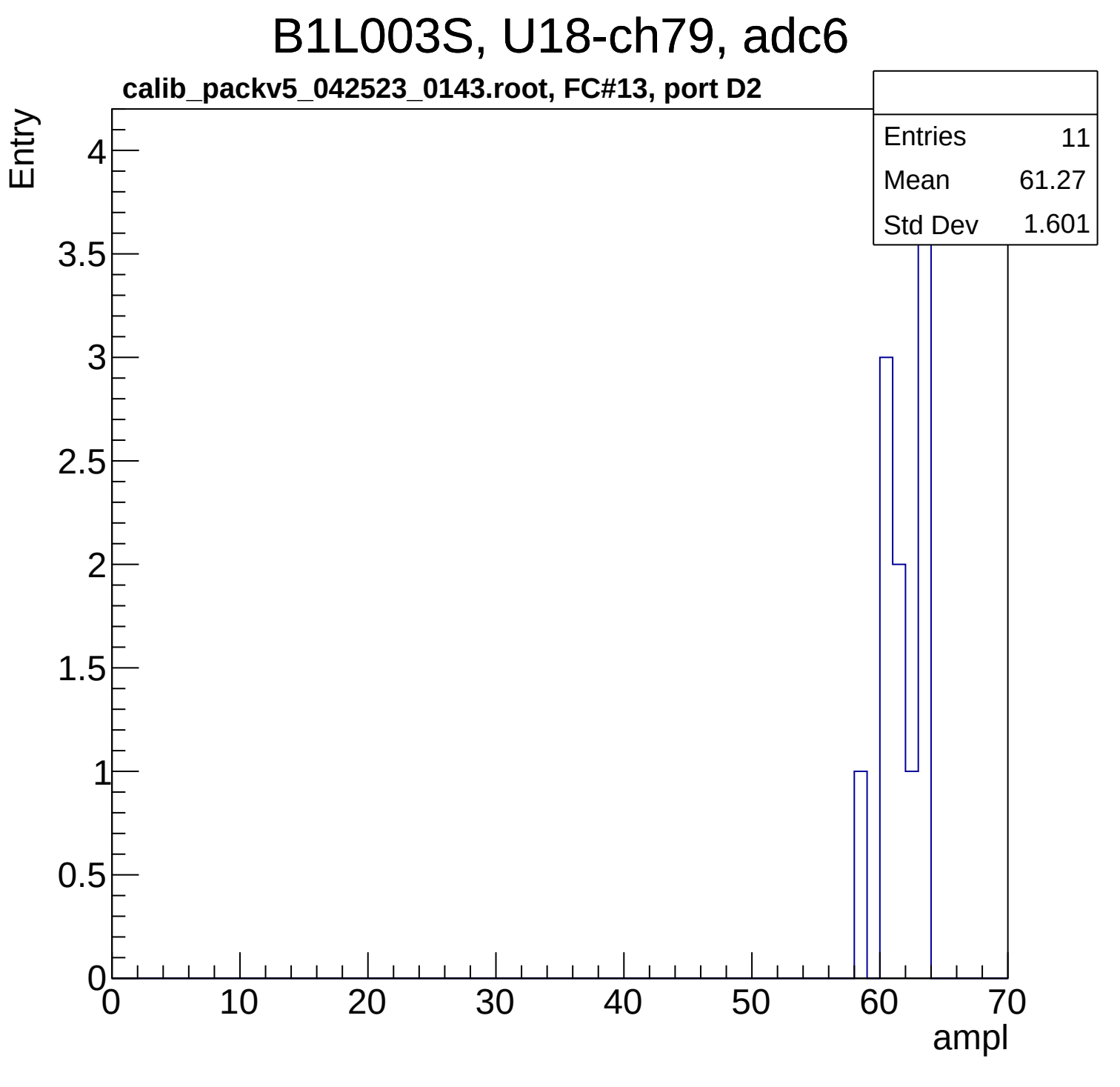

B1L003S, U18-ch79, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 36.12
Std Dev 4.235
Gaus mean : 36.5709
Gaus Width: 4.8214
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

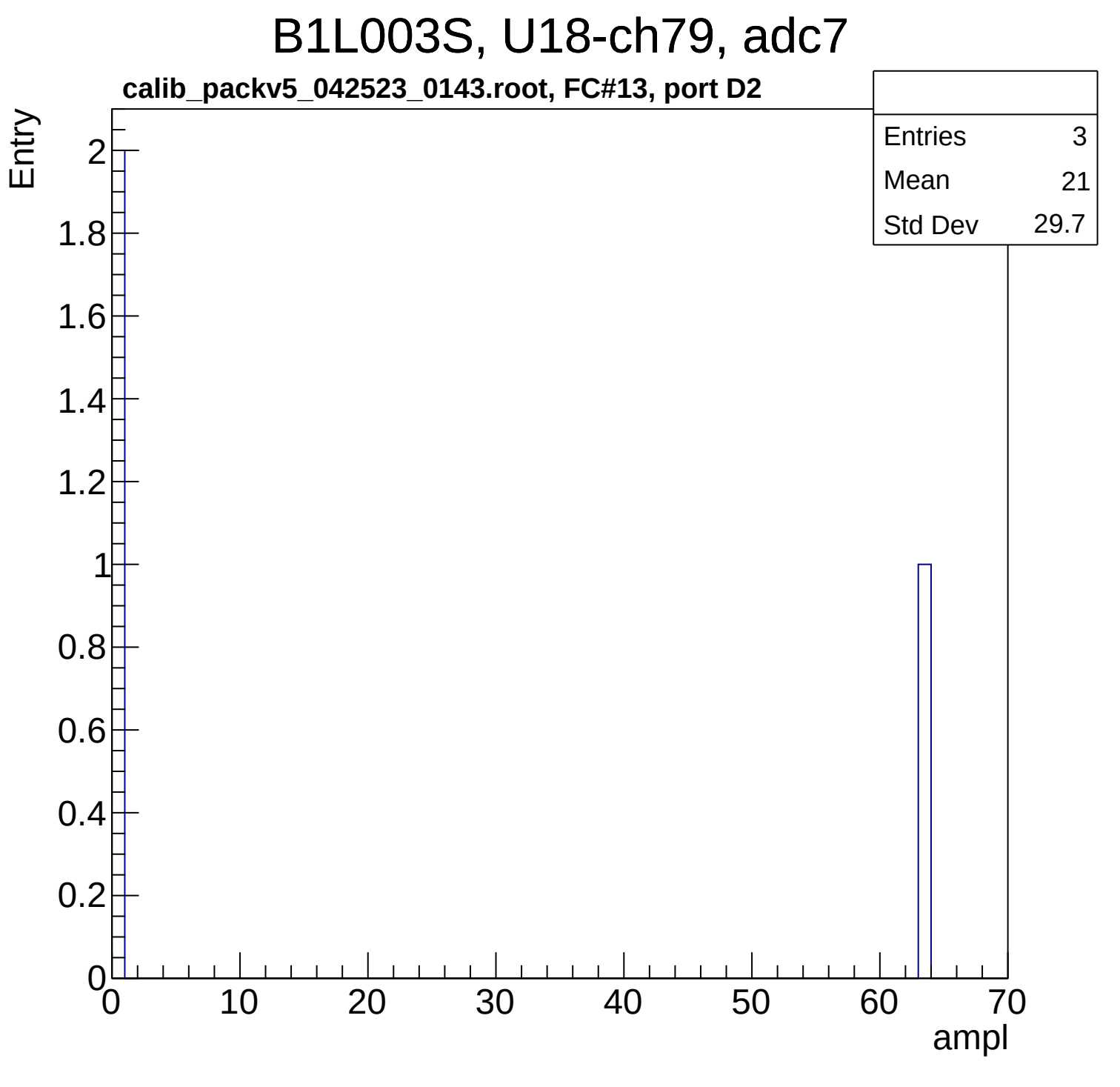

B1L003S, U18-ch79, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 42.54
Std Dev 3.618
Gaus mean : 41.9611
Gaus Width: 4.5778
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

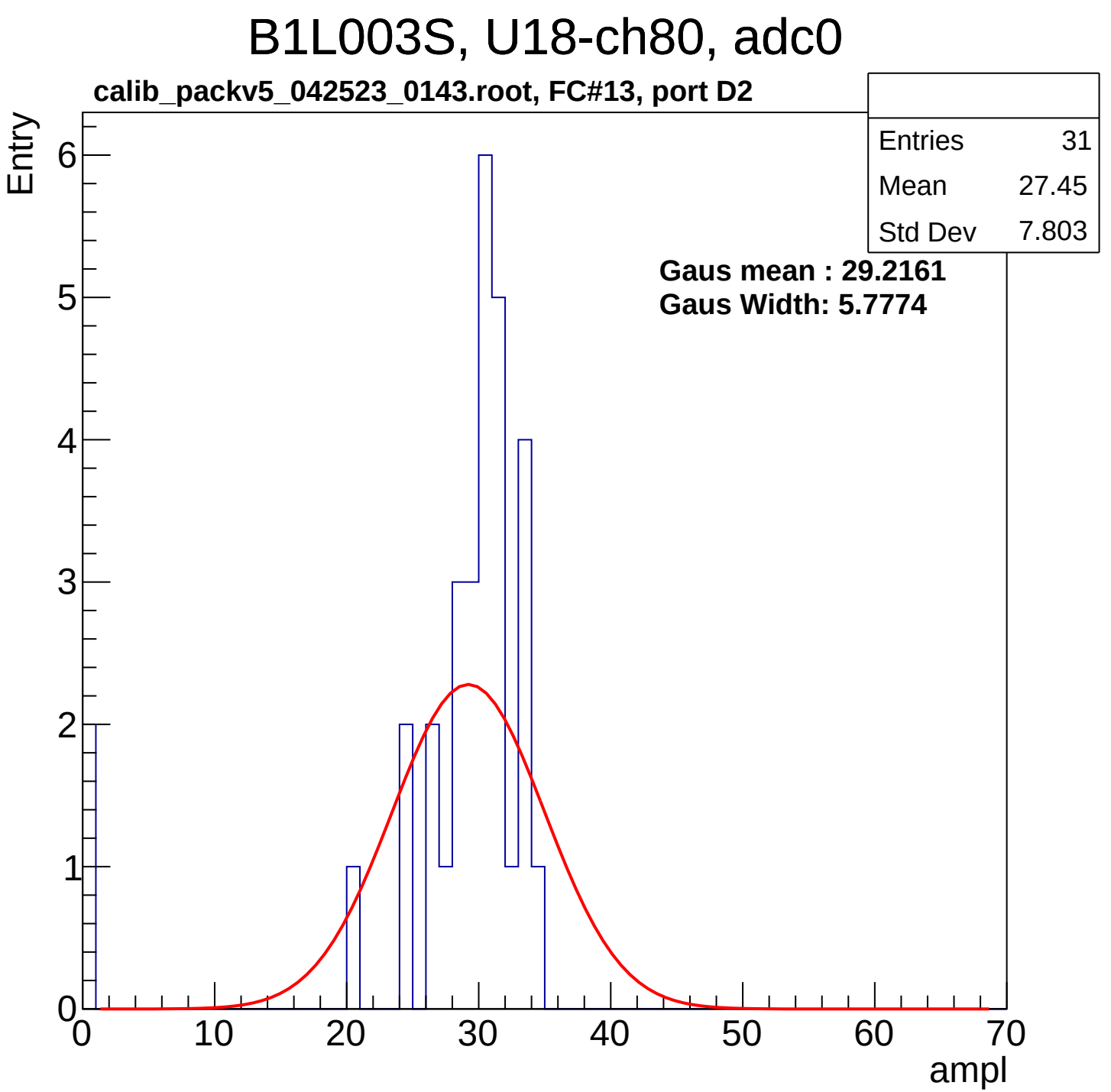

B1L003S, U18-ch79, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 48.37
Std Dev 3.559
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

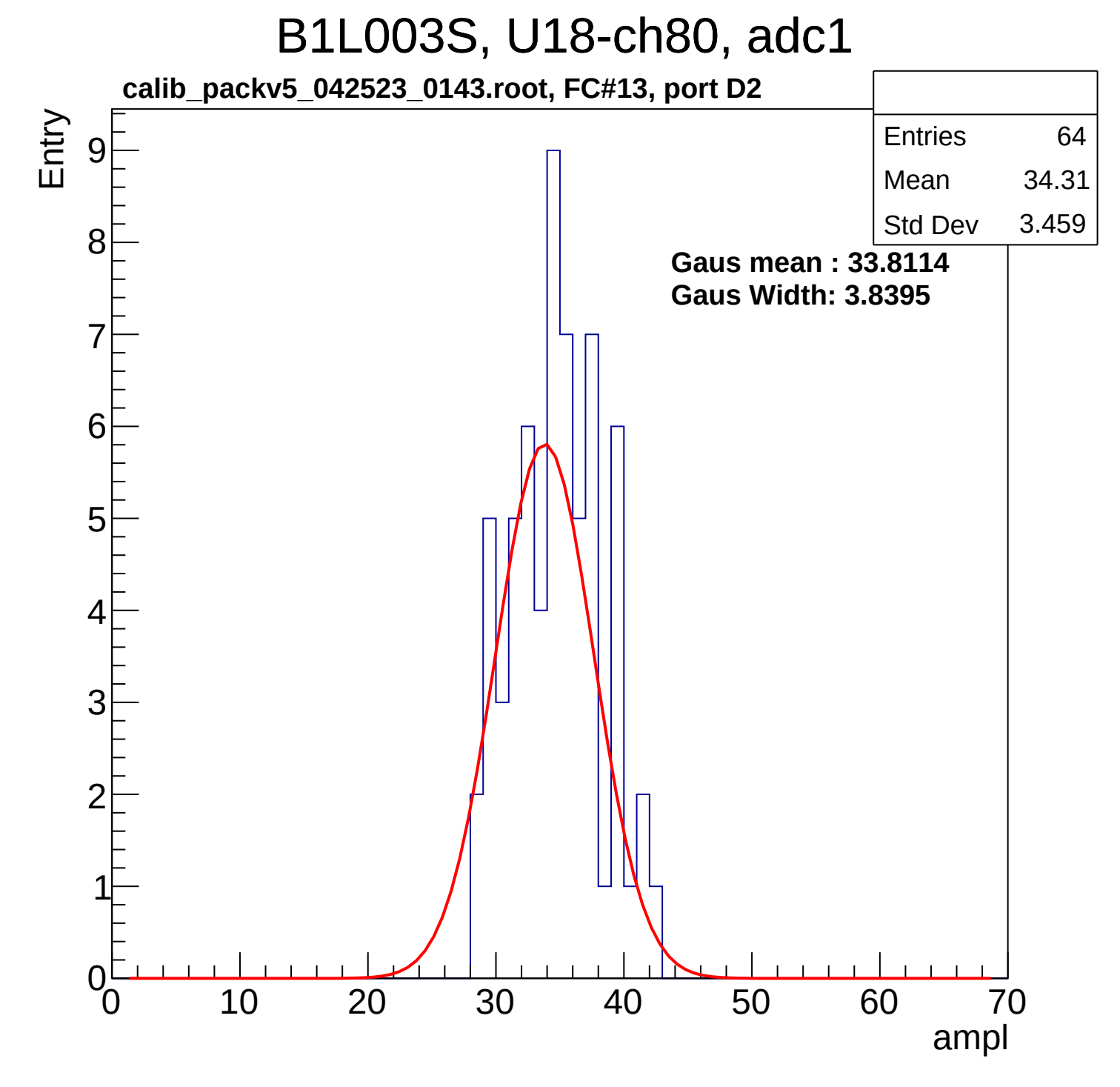

B1L003S, U18-ch79, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 54.11
Std Dev 3.237
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

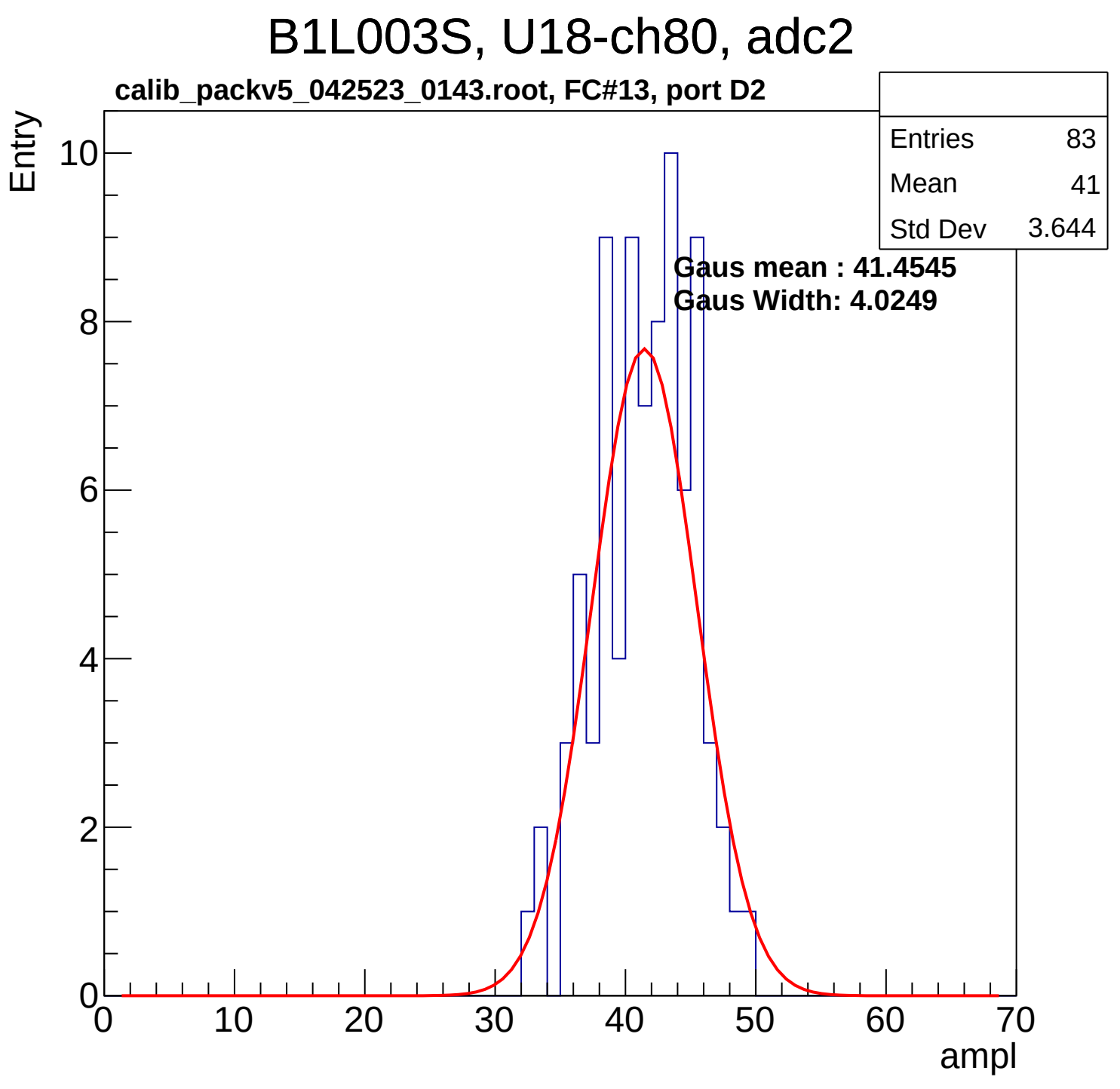

B1L003S, U18-ch79, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.02
Std Dev 8.46
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

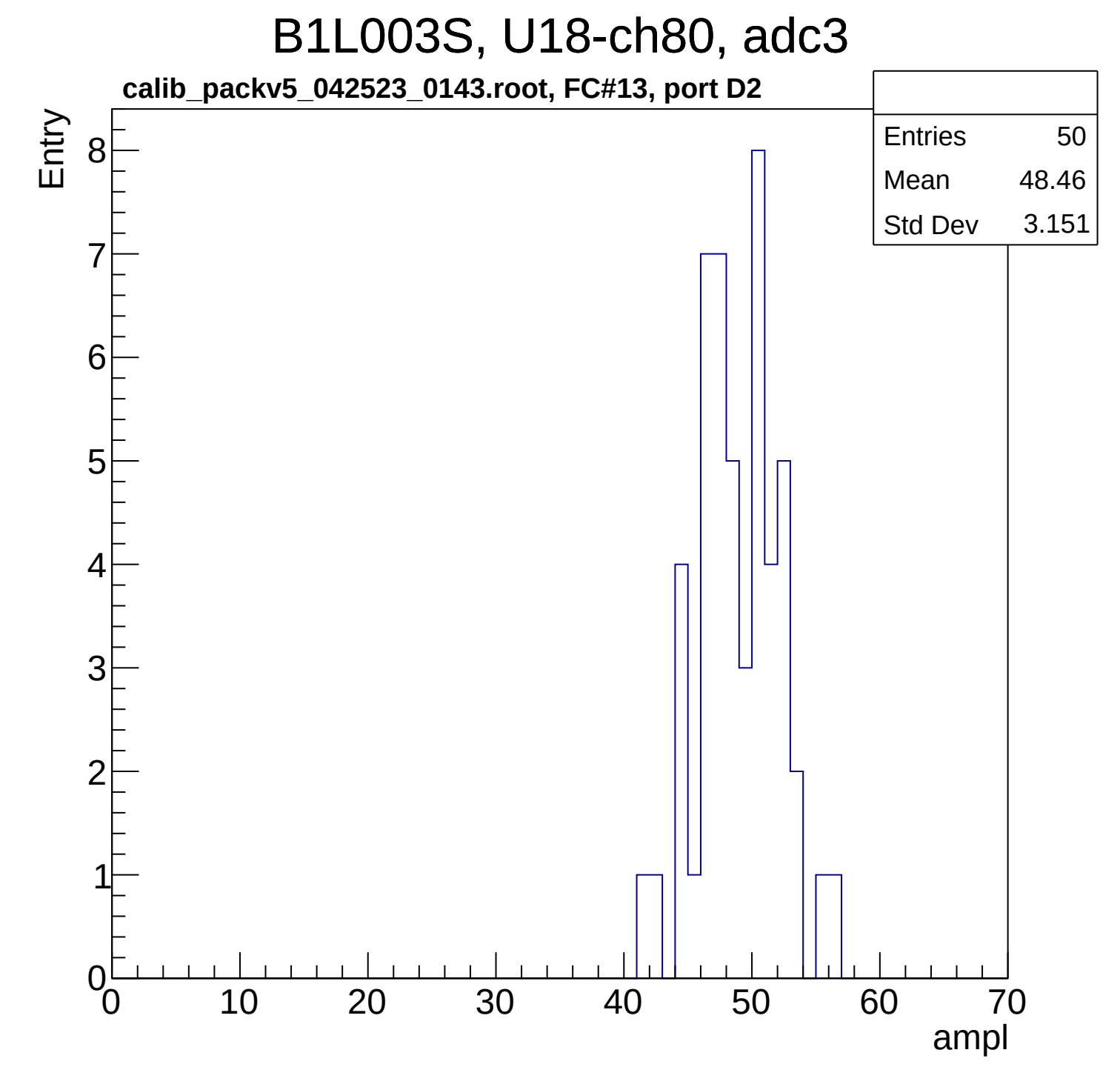

B1L003S, U18-ch79, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 61.27
Std Dev 1.601
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

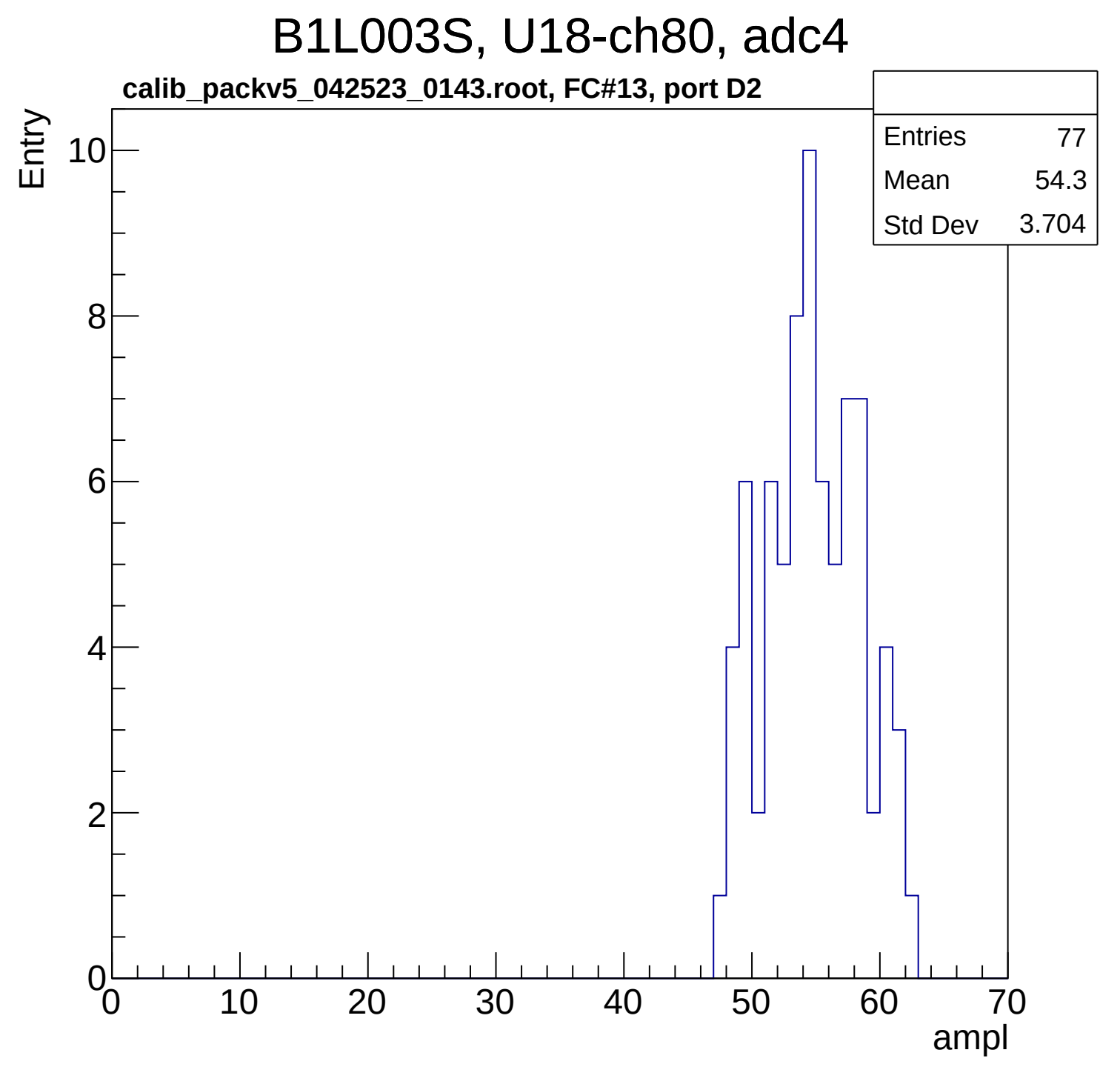

B1L003S, U18-ch79, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

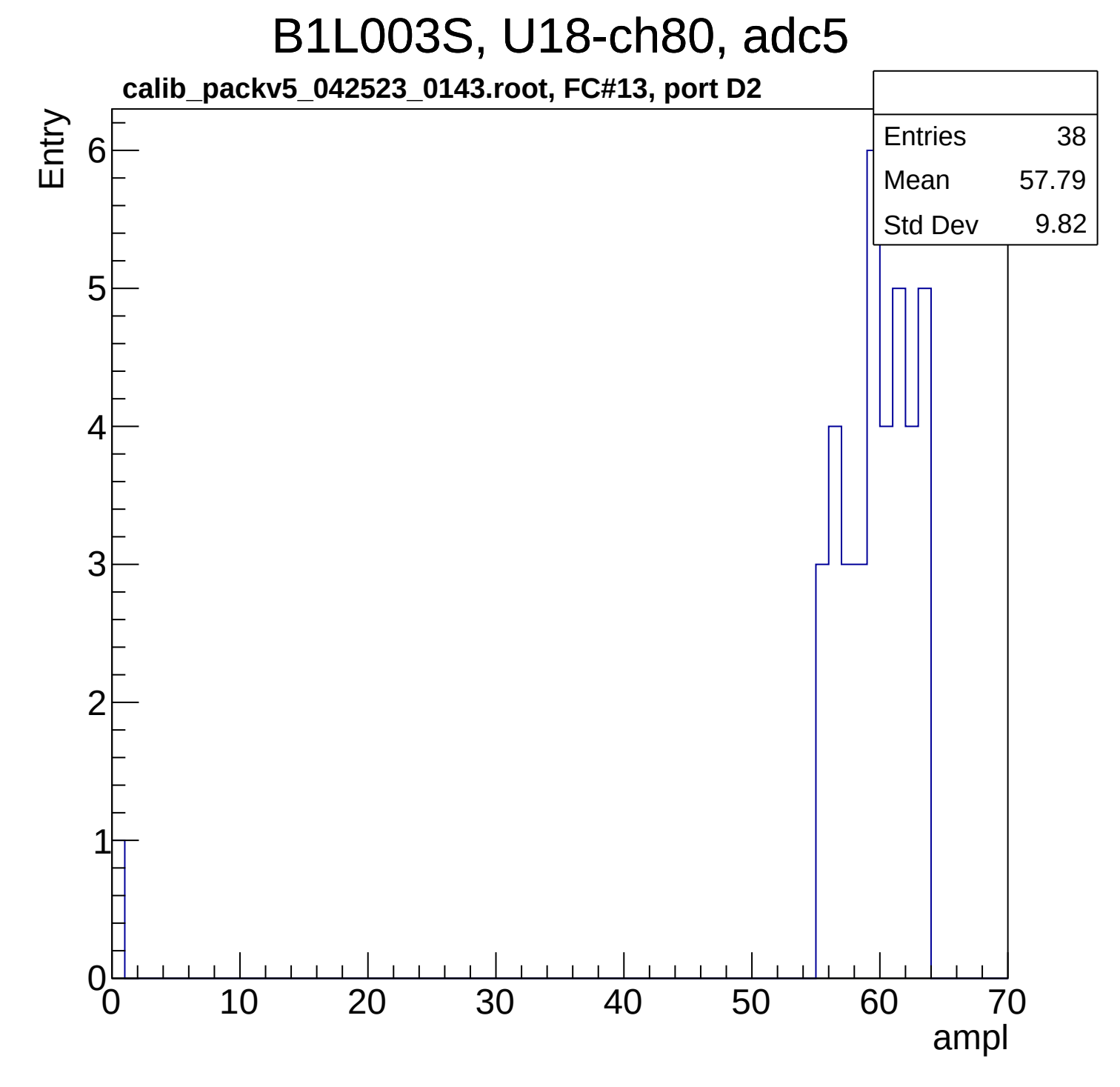

B1L003S, U18-ch80, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 31
Mean 27.45
Std Dev 7.803
Gaus mean : 29.2161
Gaus Width: 5.7774
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

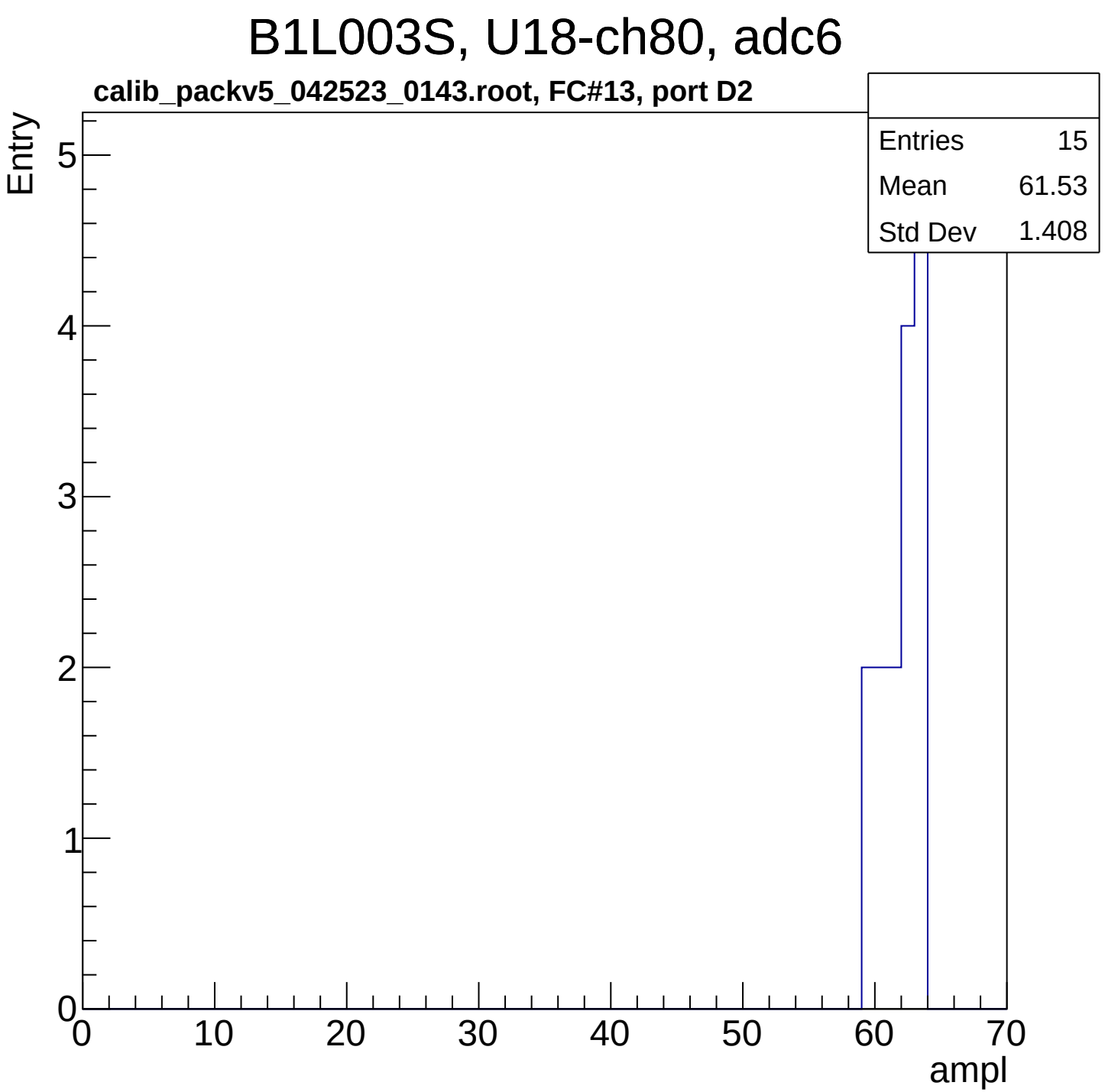

B1L003S, U18-ch80, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 34.31
Std Dev 3.459
Gaus mean : 33.8114
Gaus Width: 3.8395
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

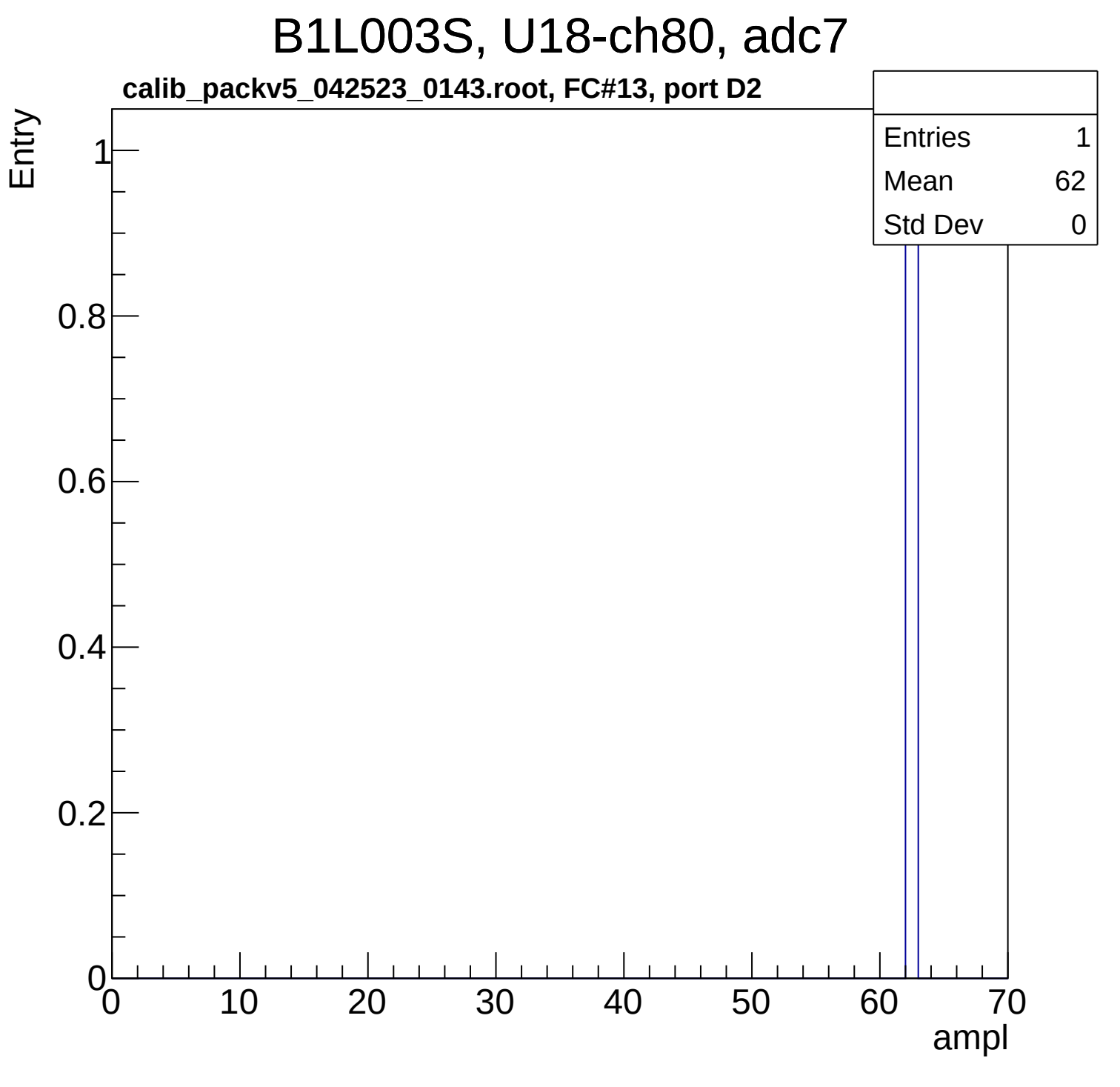

B1L003S, U18-ch80, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 41
Std Dev 3.644
Gaus mean : 41.4545
Gaus Width: 4.0249
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

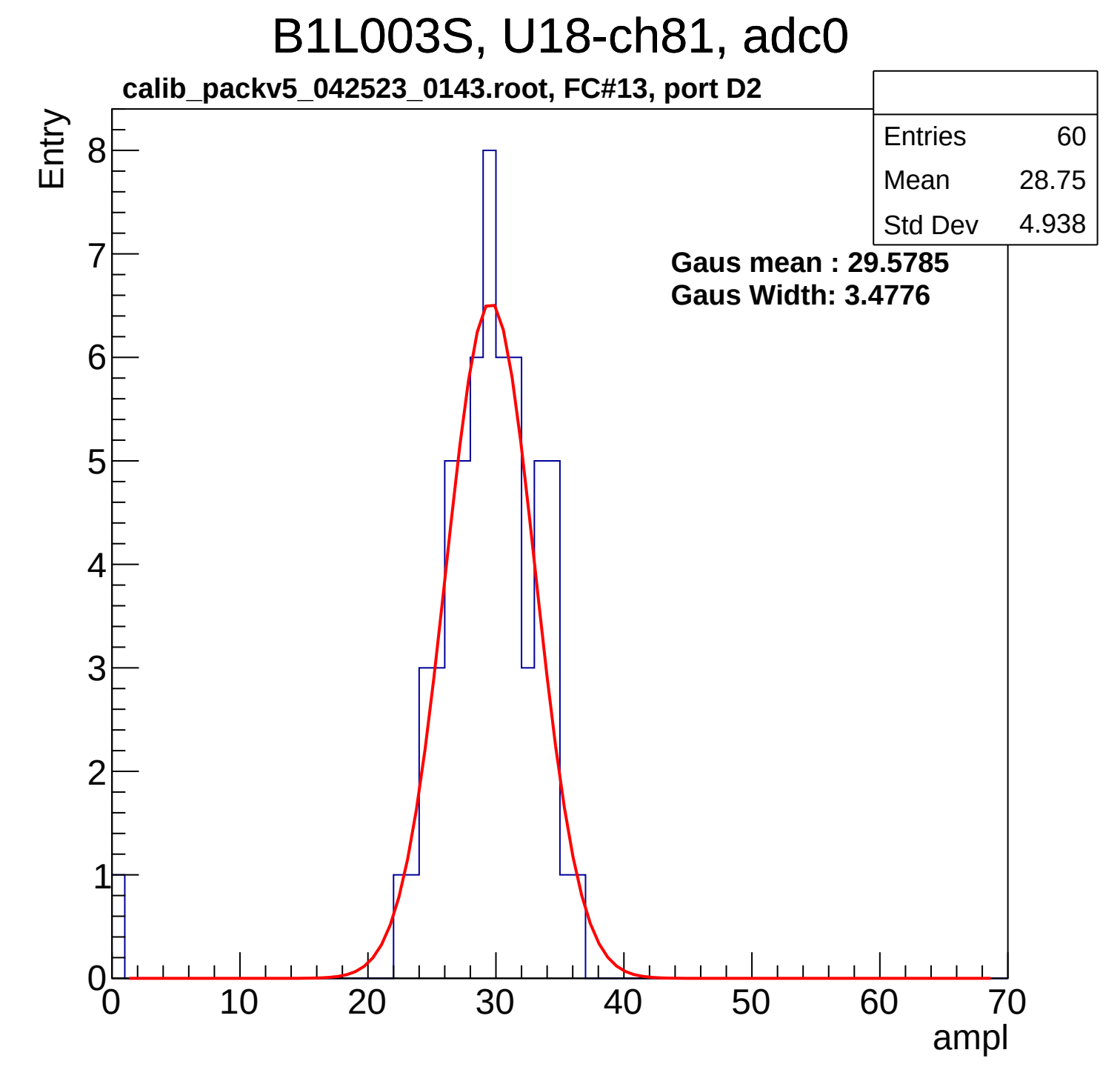

B1L003S, U18-ch80, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 48.46
Std Dev 3.151
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

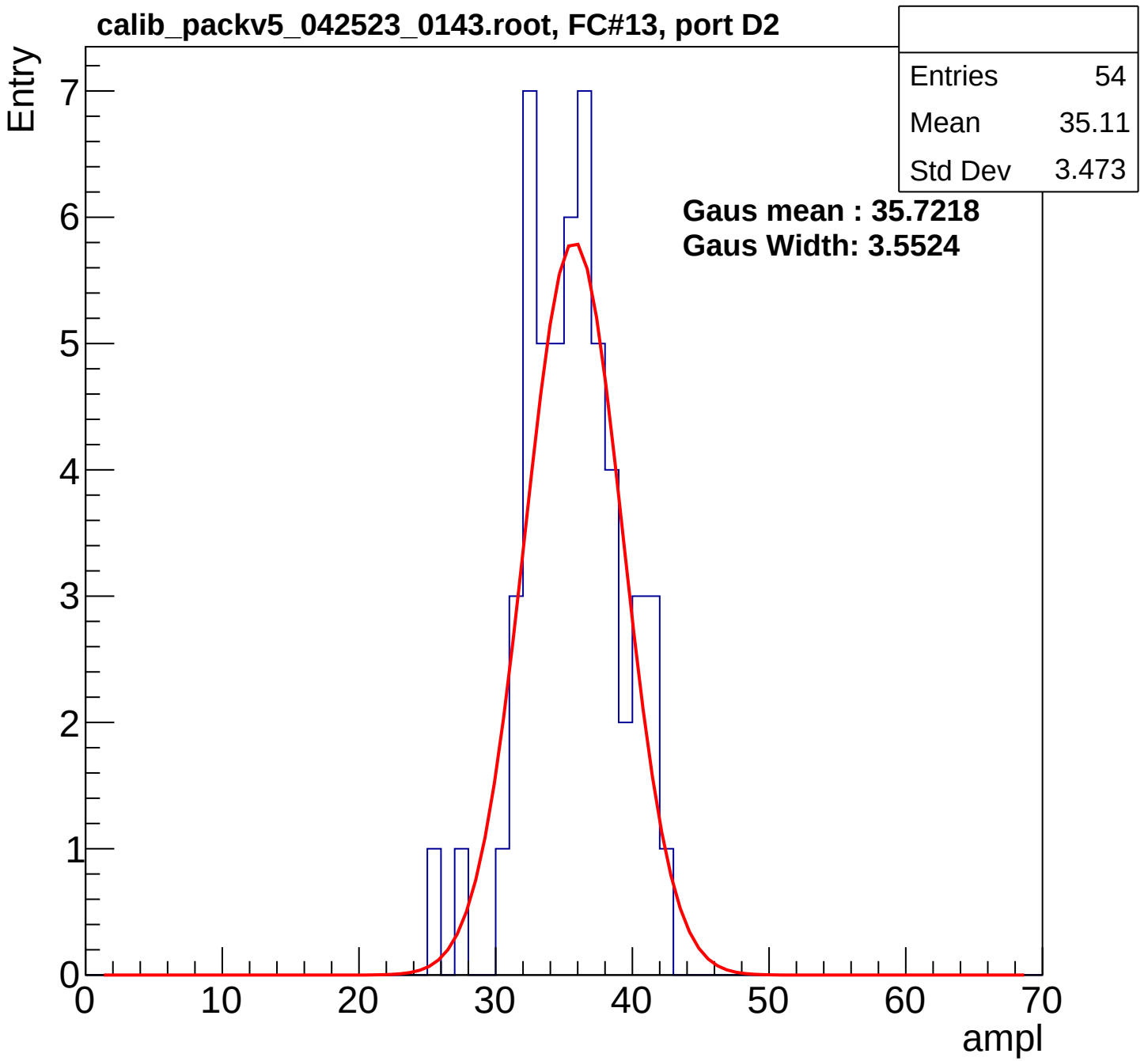

B1L003S, U18-ch80, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 54.3
Std Dev 3.704
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

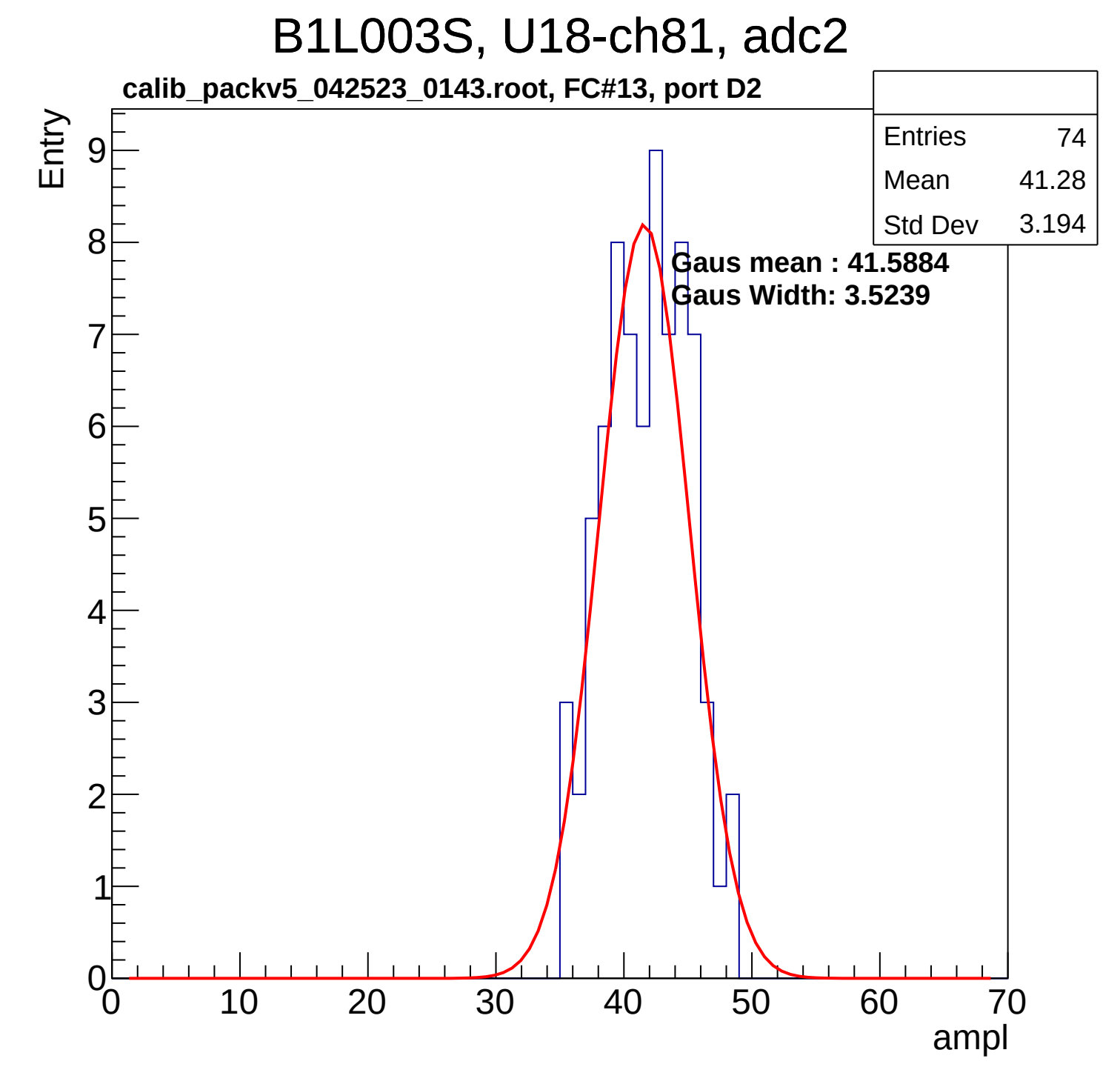

B1L003S, U18-ch80, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 57.79
Std Dev 9.82
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

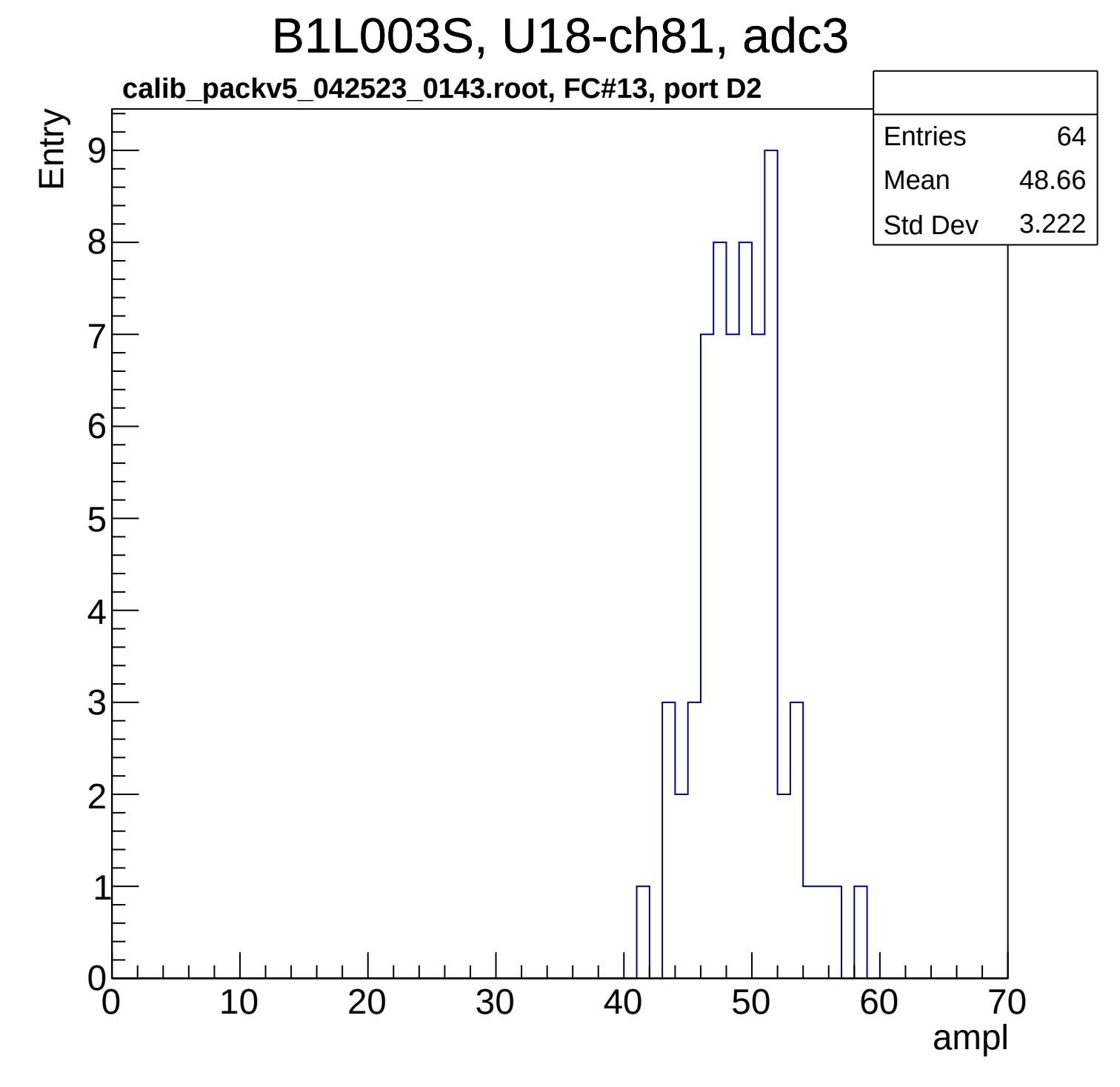

B1L003S, U18-ch80, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 15
Mean 61.53
Std Dev 1.408
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

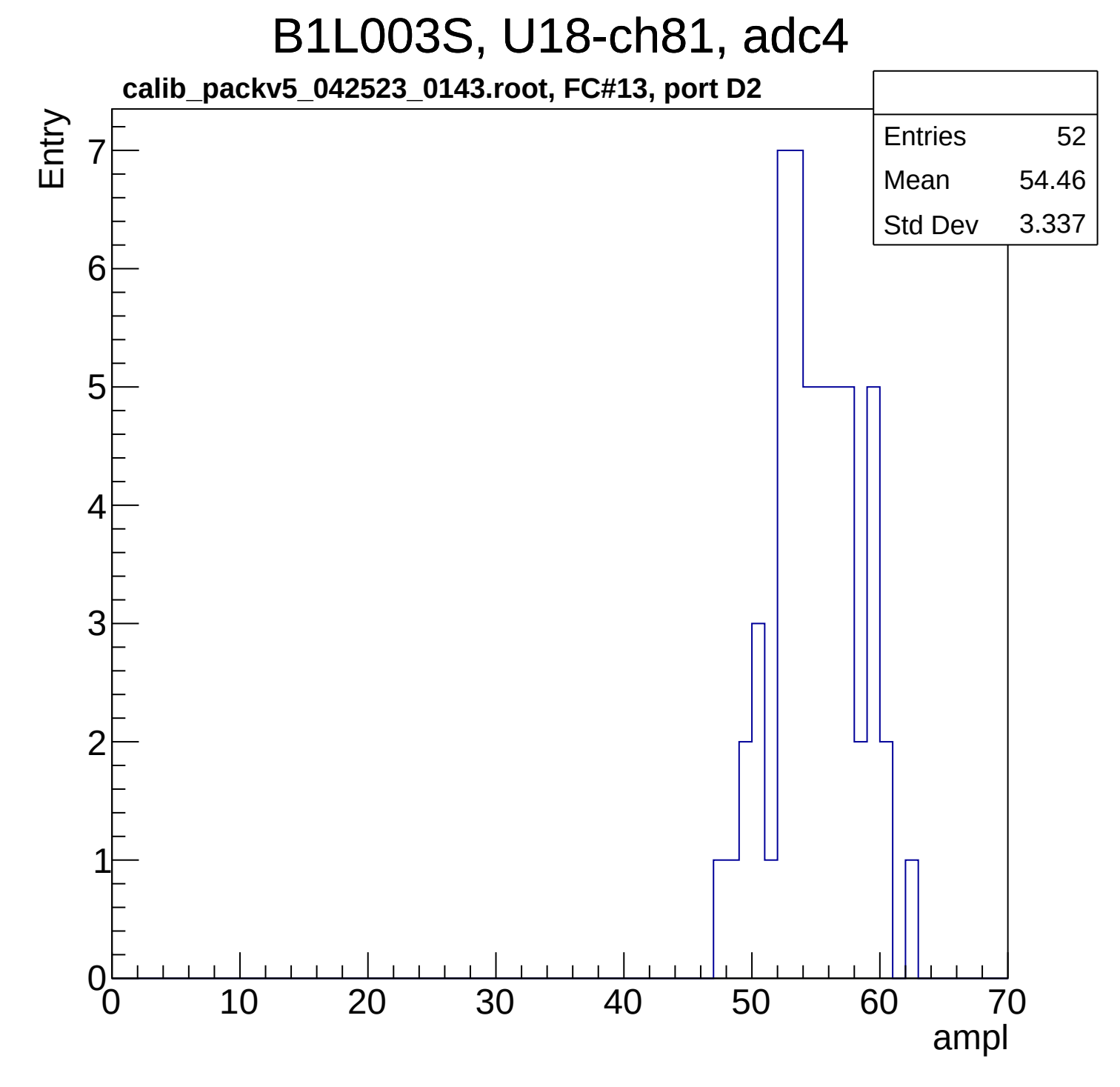

B1L003S, U18-ch80, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

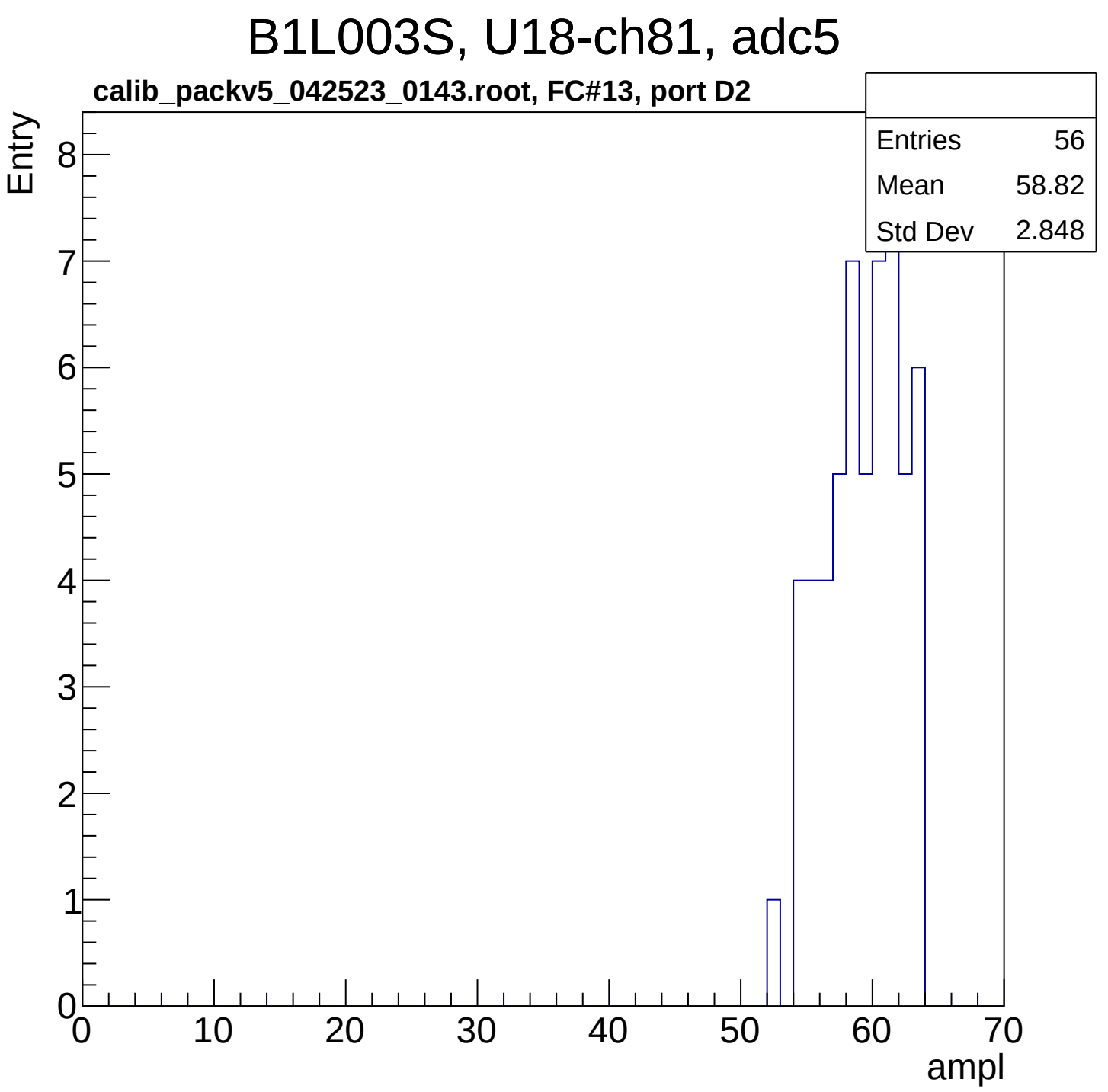

B1L003S, U18-ch81, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 28.75
Std Dev 4.938
Gaus mean : 29.5785
Gaus Width: 3.4776
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

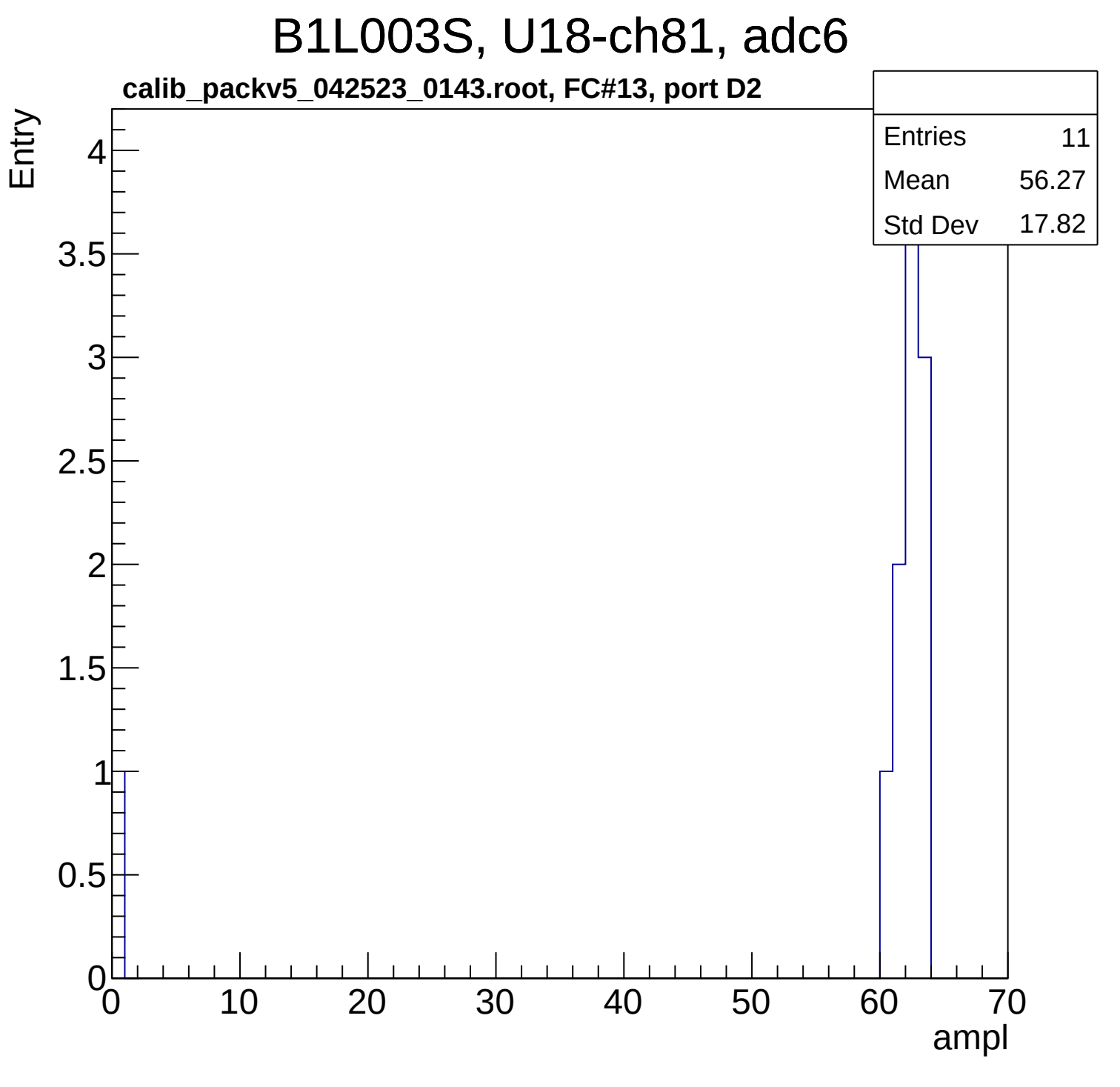

B1L003S, U18-ch81, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 35.11
Std Dev 3.473
Gaus mean : 35.7218
Gaus Width: 3.5524
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

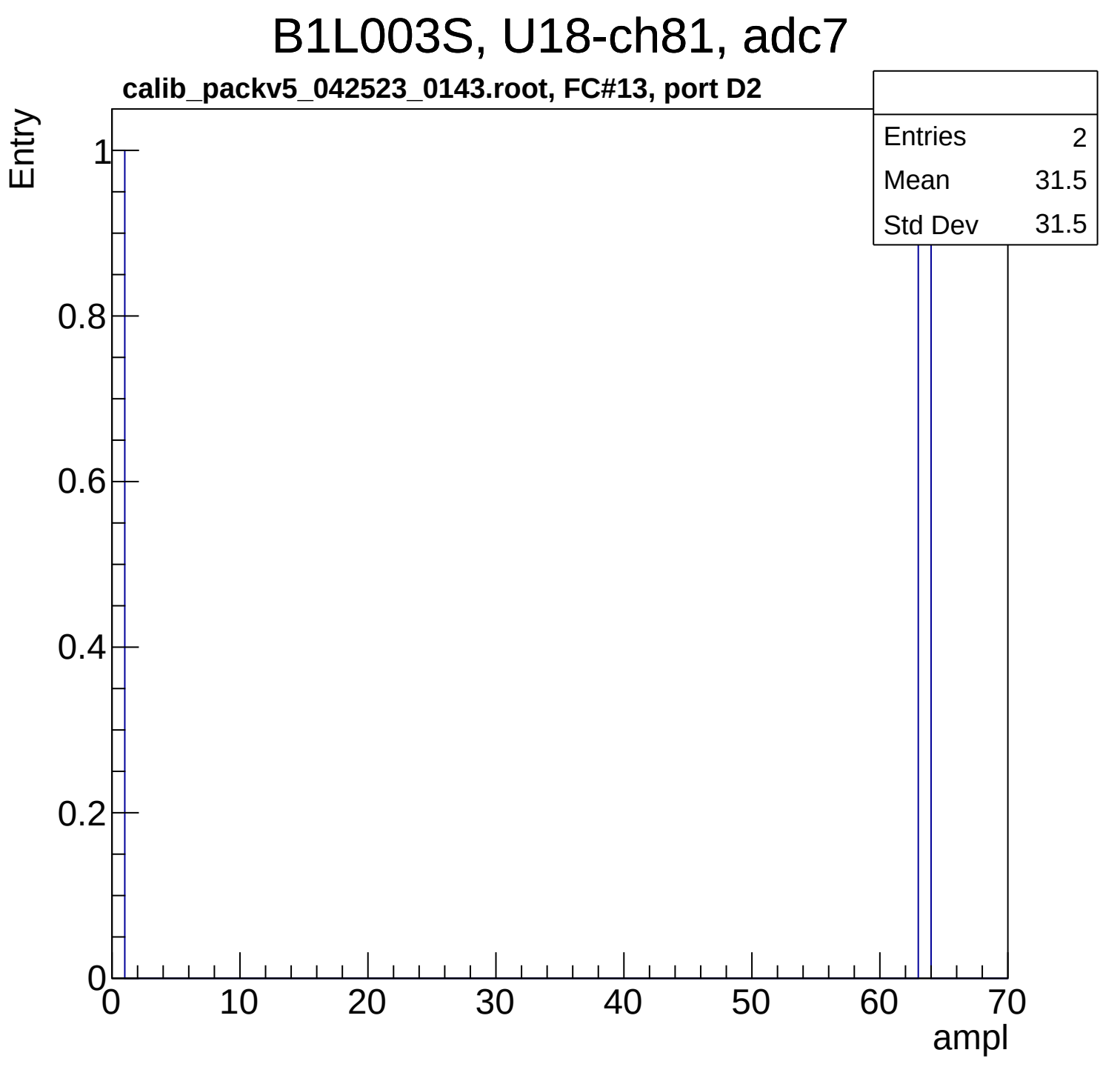

B1L003S, U18-ch81, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 41.28
Std Dev 3.194
Gaus mean : 41.5884
Gaus Width: 3.5239
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

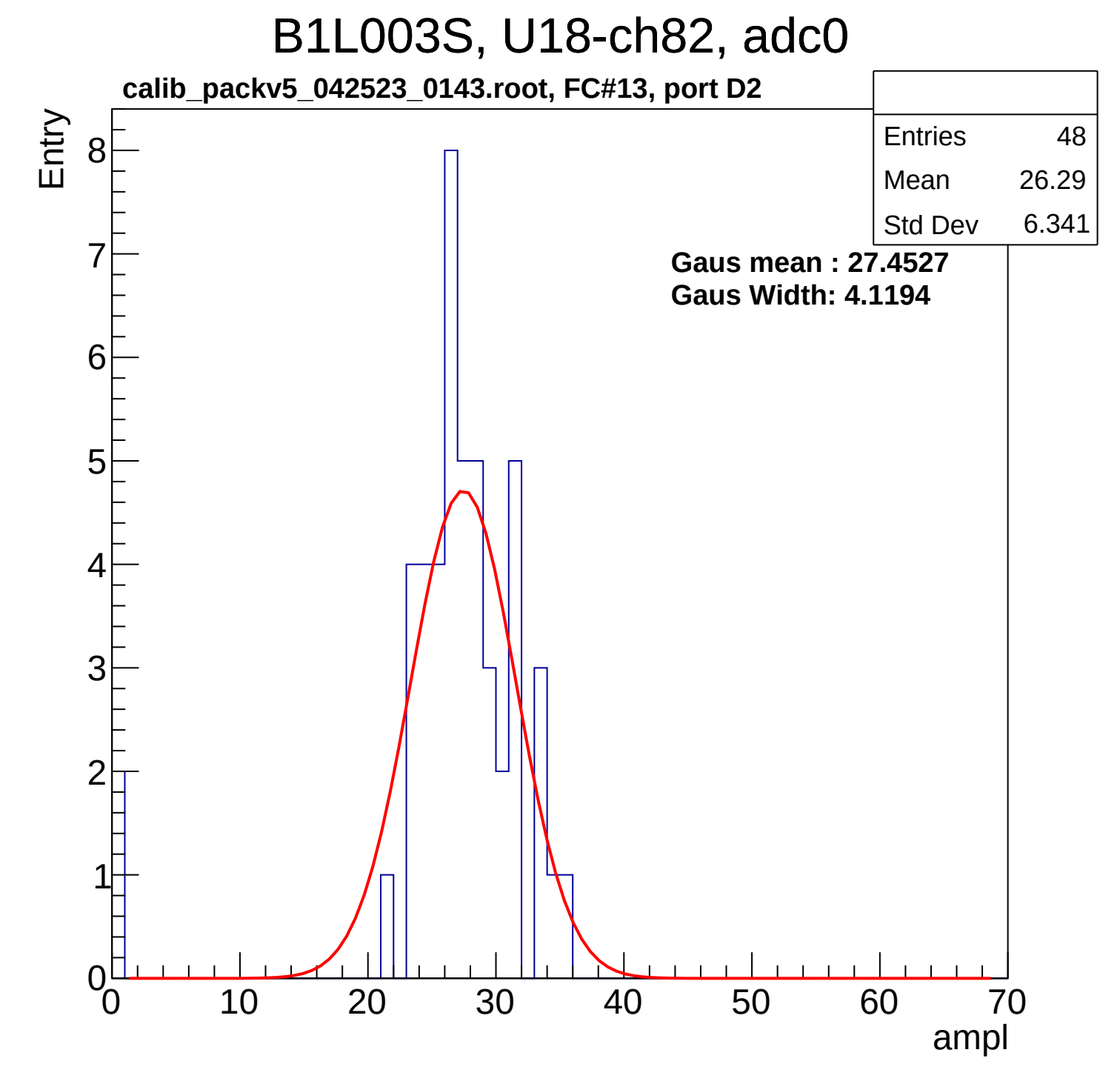

B1L003S, U18-ch81, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 48.66
Std Dev 3.222
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

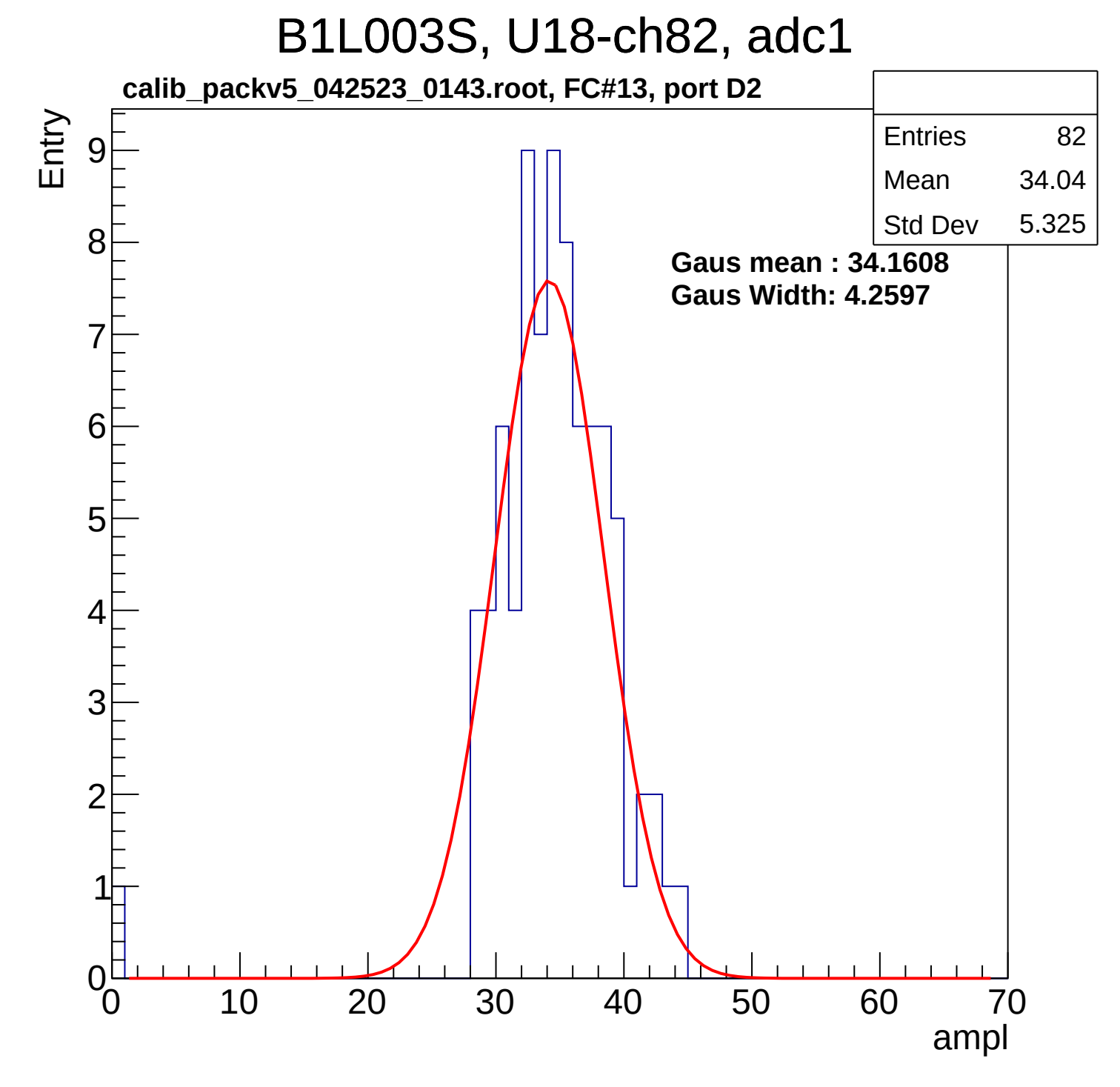

B1L003S, U18-ch81, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 54.46
Std Dev 3.337
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

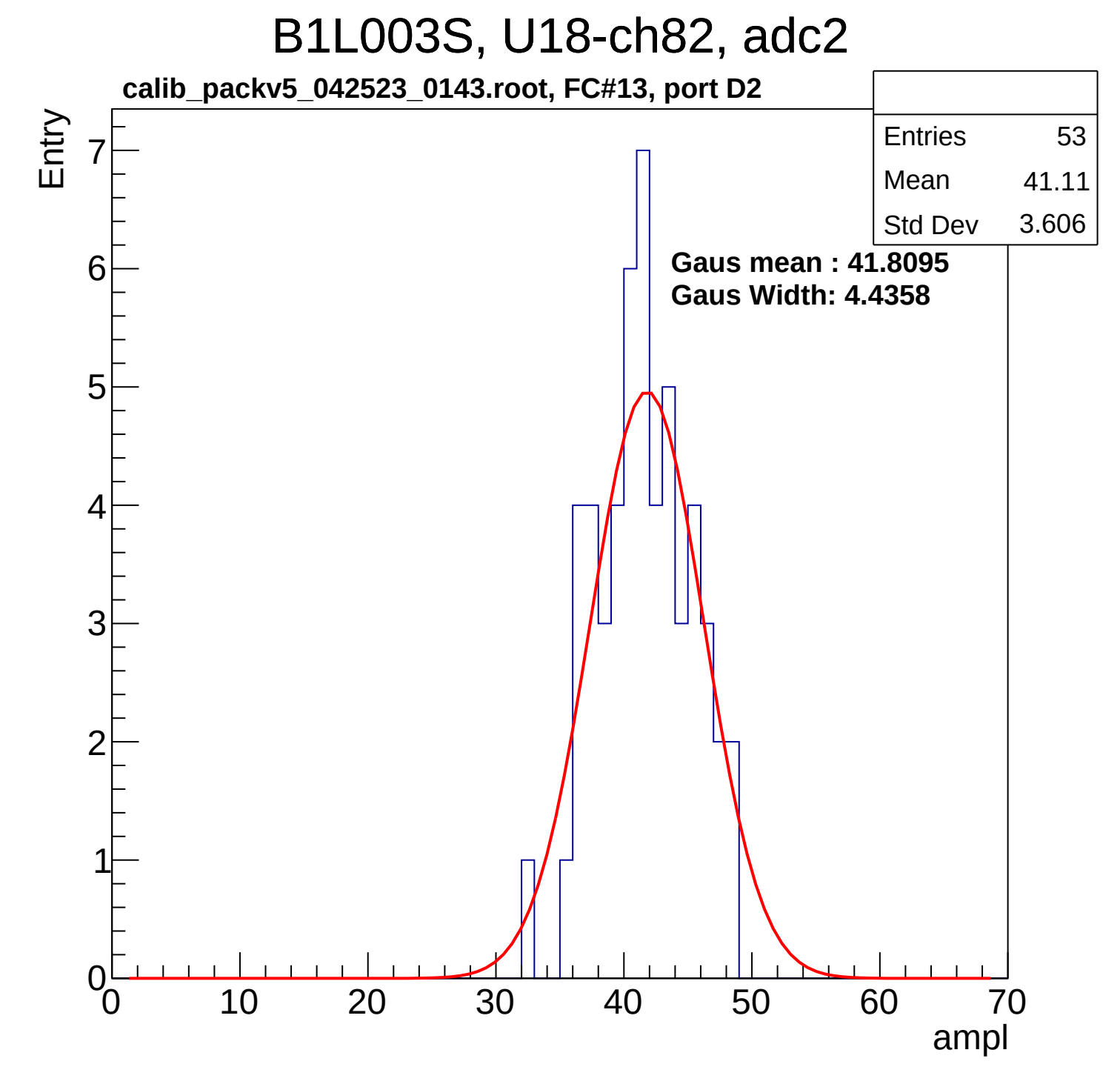

B1L003S, U18-ch81, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 58.82
Std Dev 2.848
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

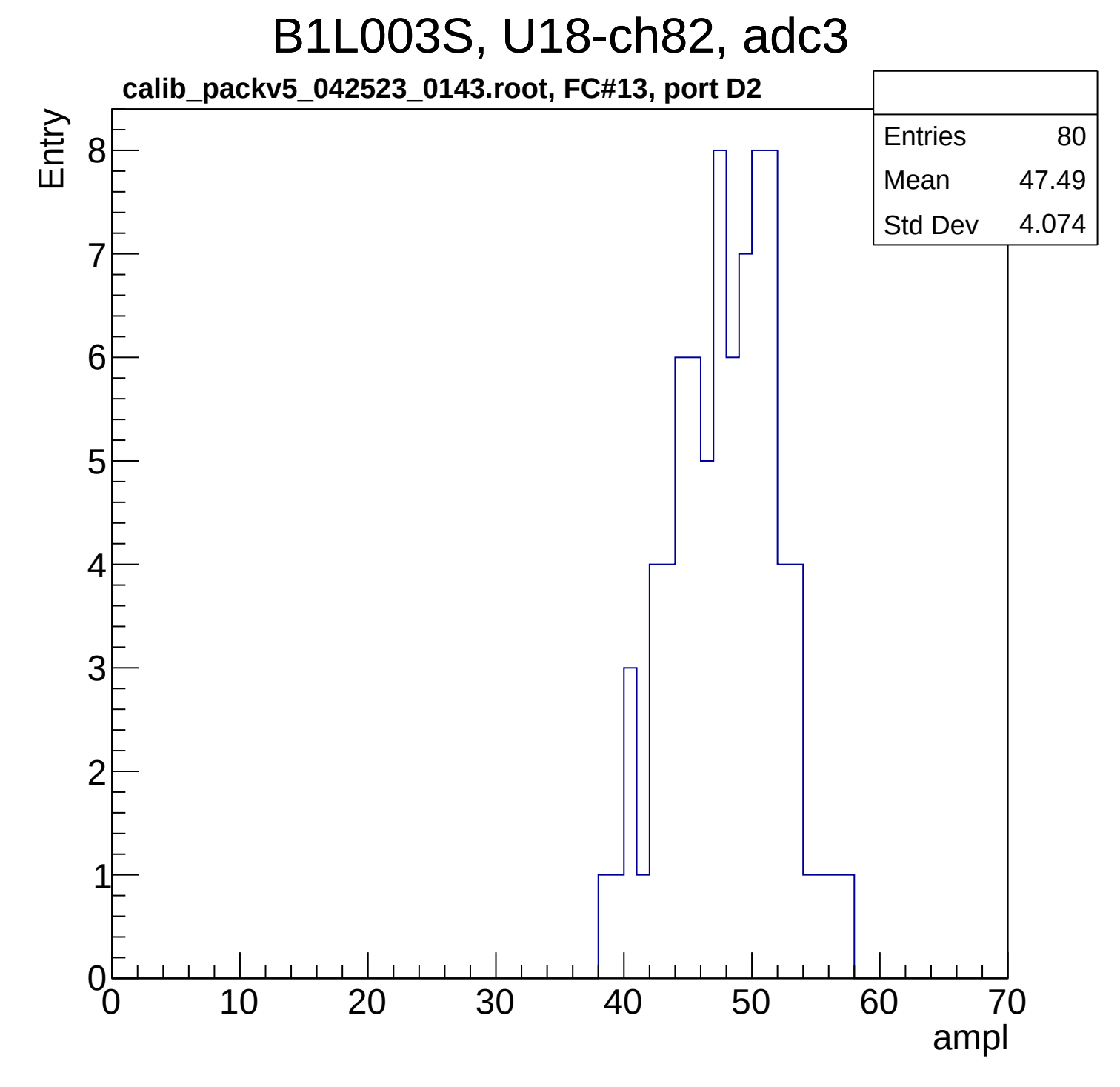

B1L003S, U18-ch81, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 56.27
Std Dev 17.82
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

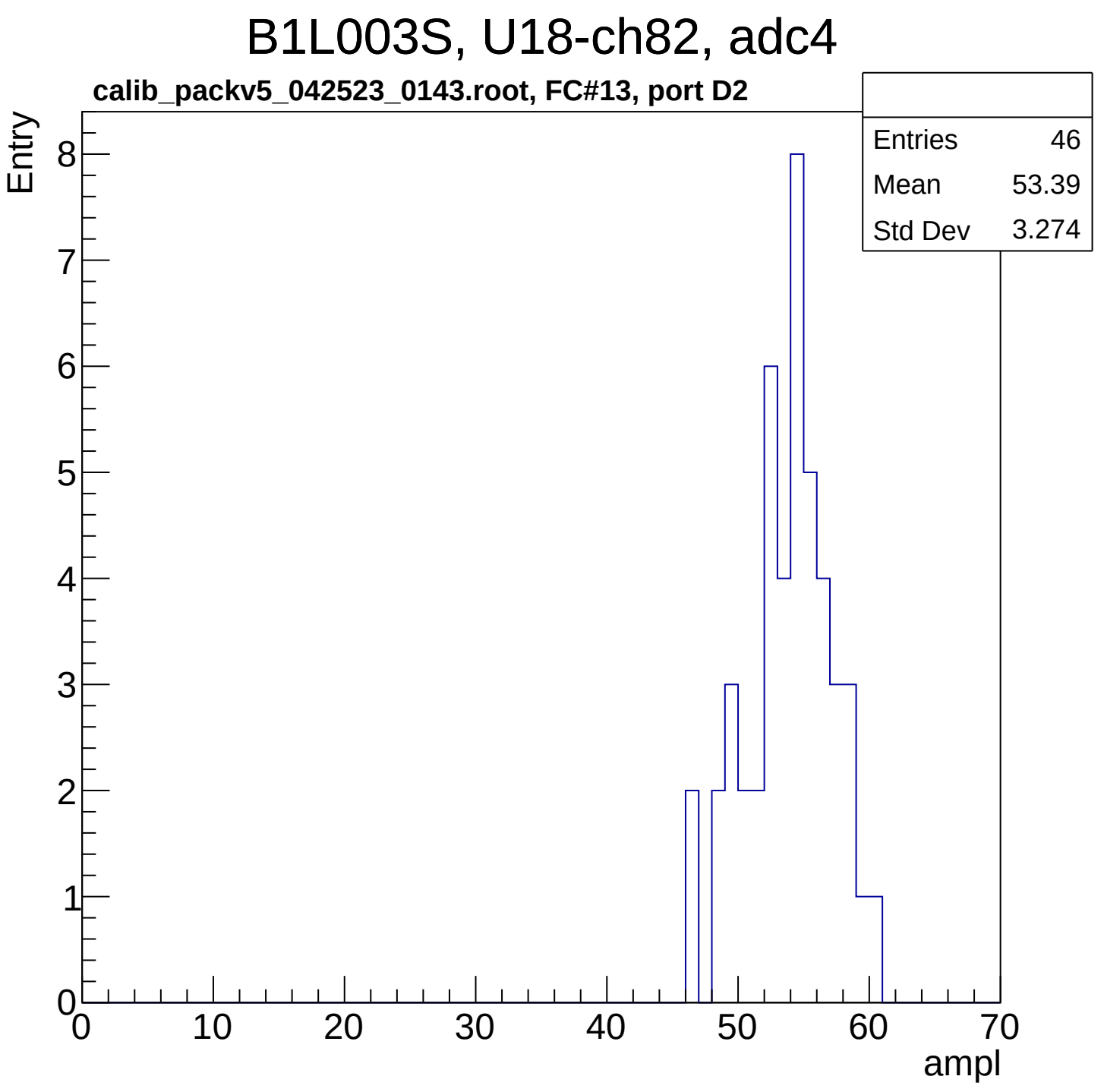

B1L003S, U18-ch81, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

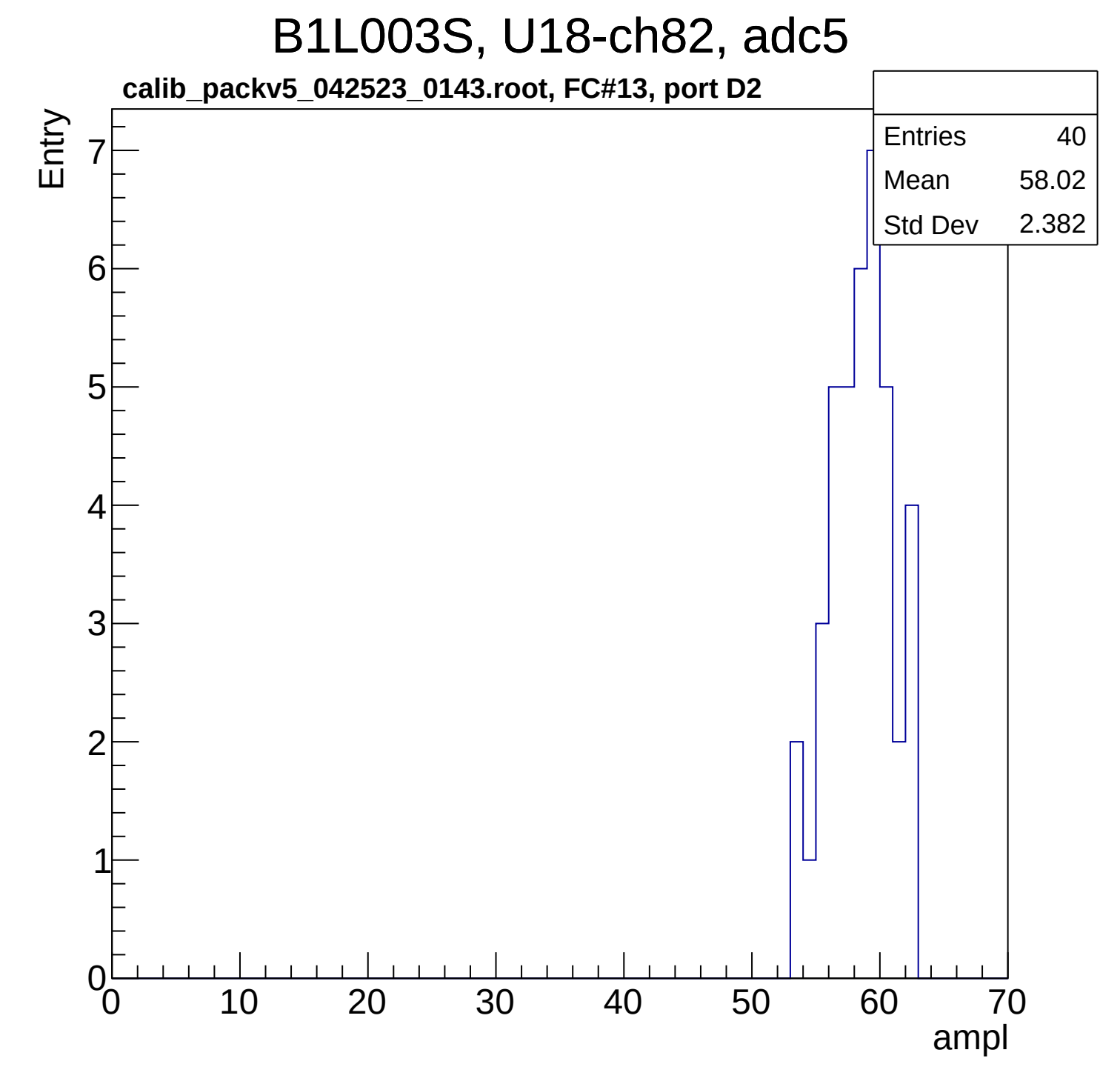

B1L003S, U18-ch82, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 26.29
Std Dev 6.341
Gaus mean : 27.4527
Gaus Width: 4.1194
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

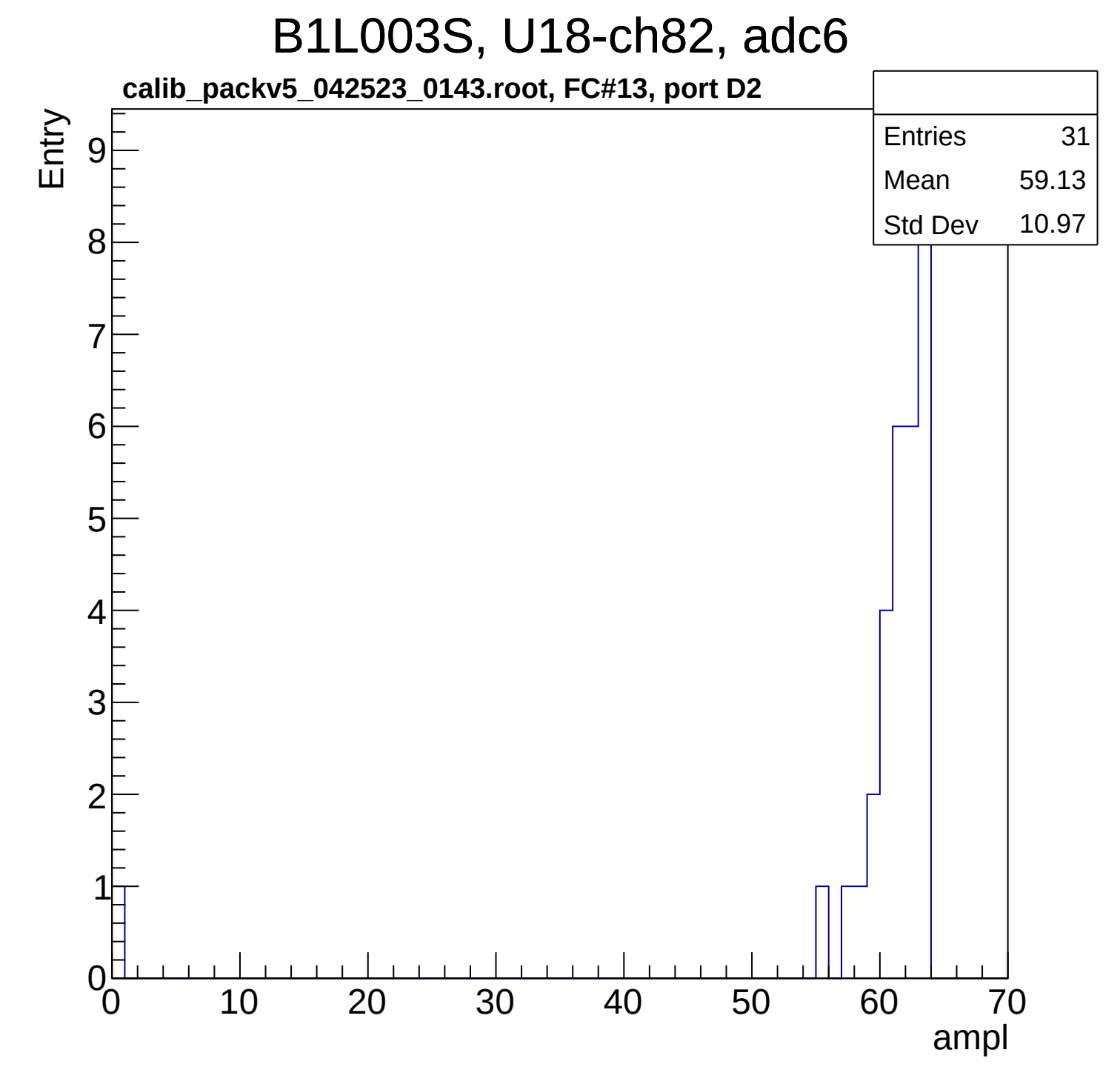

B1L003S, U18-ch82, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 34.04
Std Dev 5.325
Gaus mean : 34.1608
Gaus Width: 4.2597
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

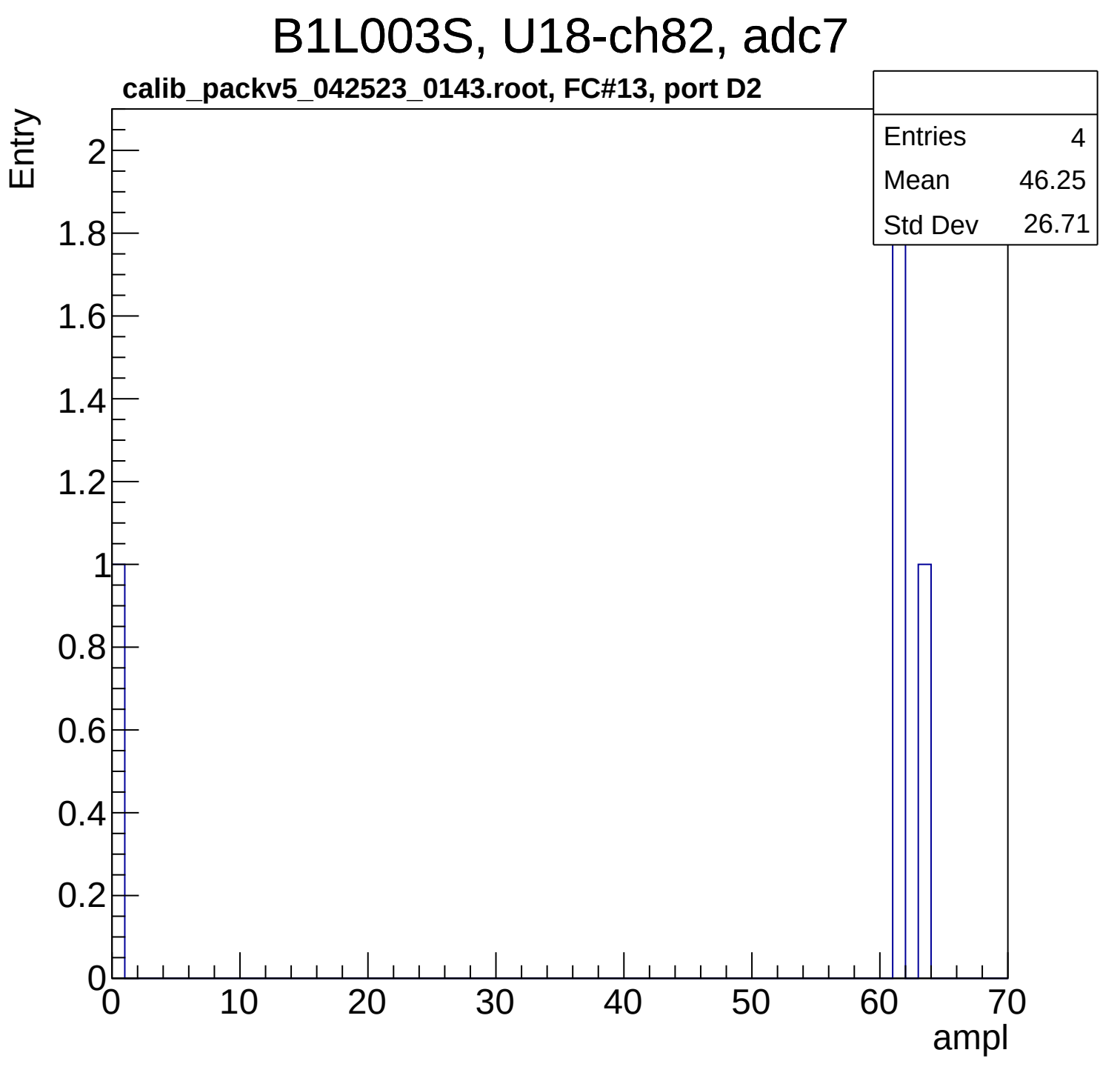

B1L003S, U18-ch82, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 41.11
Std Dev 3.606
Gaus mean : 41.8095
Gaus Width: 4.4358
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

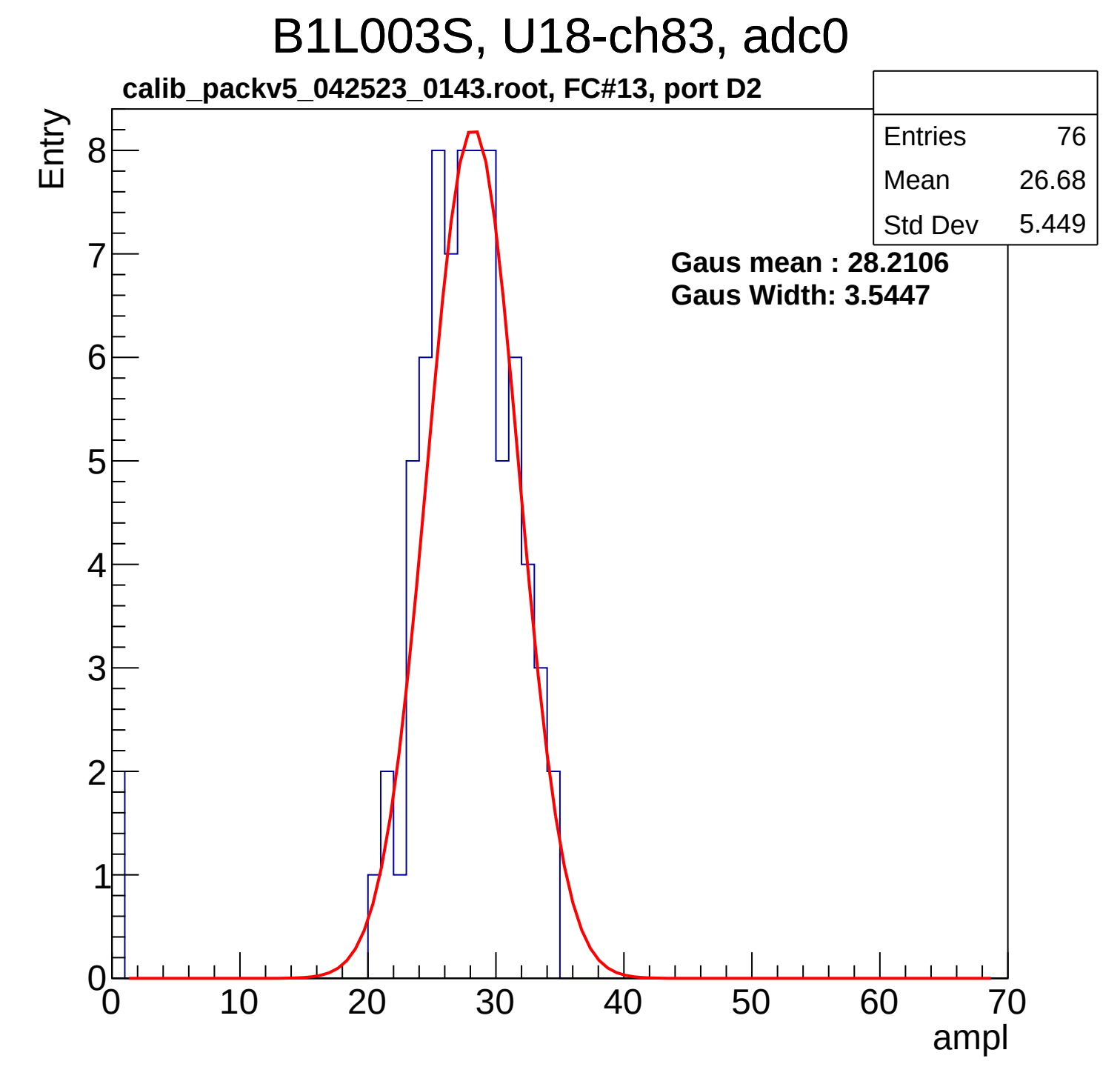

B1L003S, U18-ch82, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 47.49
Std Dev 4.074
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

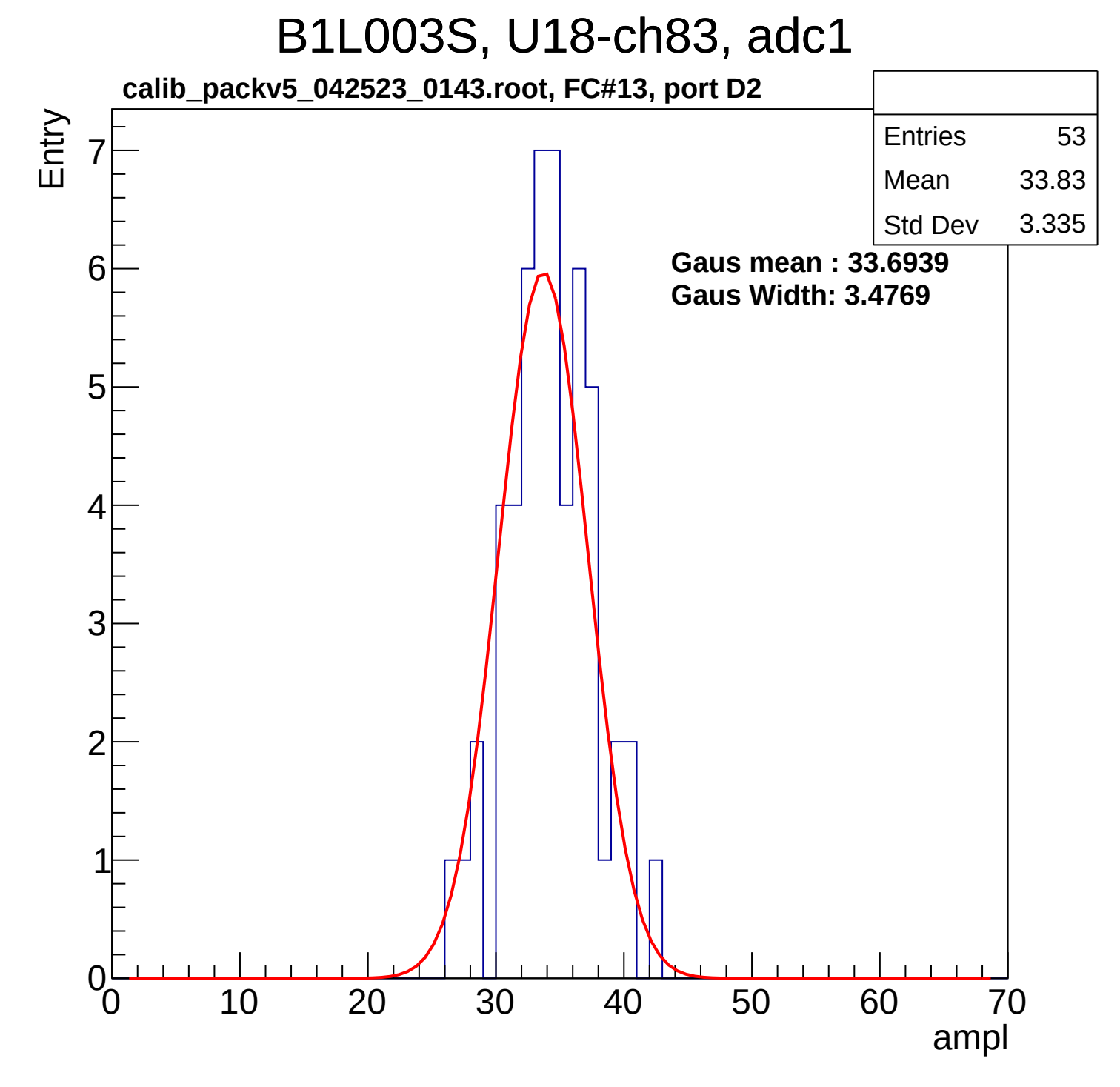

B1L003S, U18-ch82, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 46
Mean 53.39
Std Dev 3.274
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

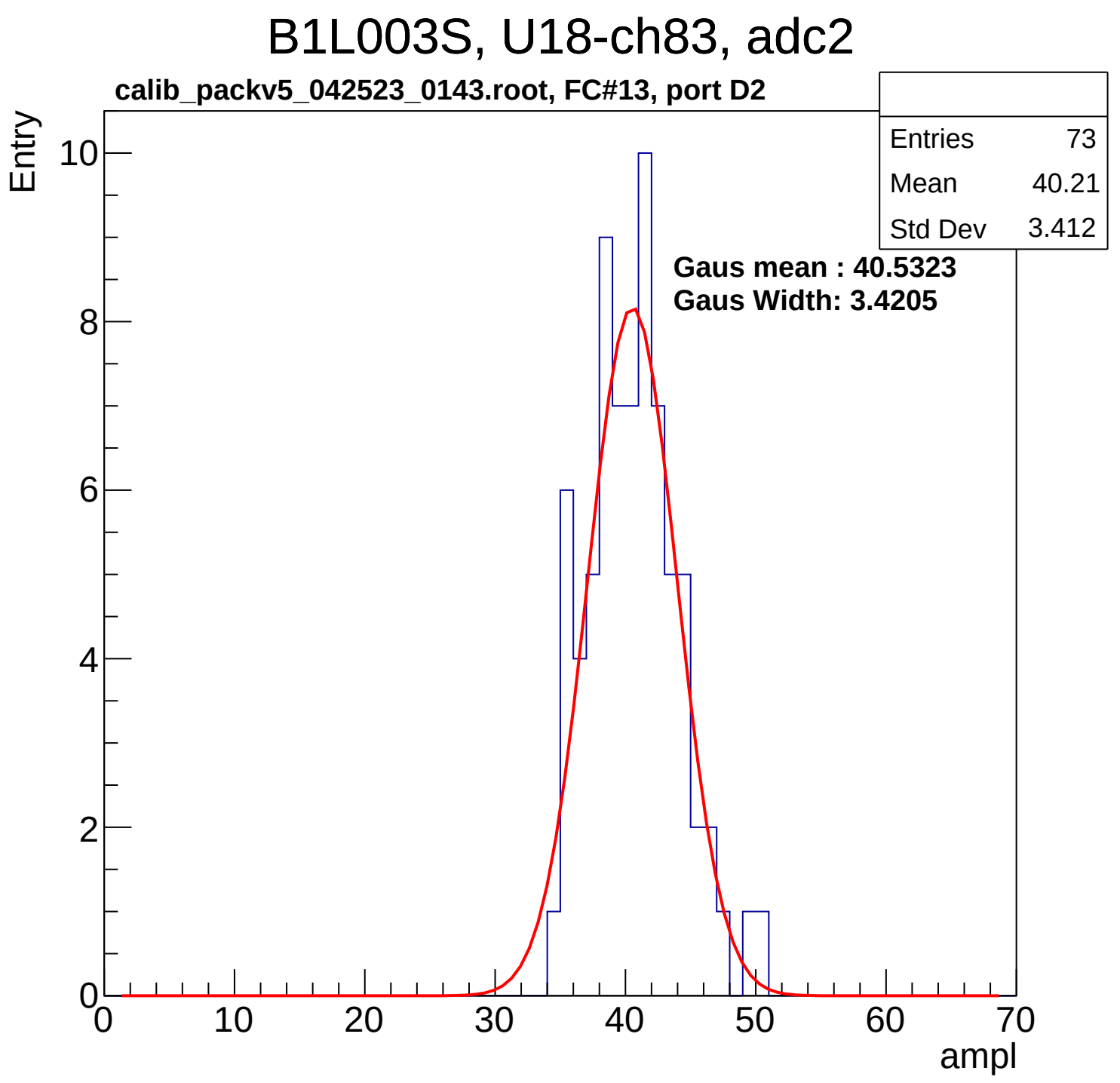

B1L003S, U18-ch82, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 58.02
Std Dev 2.382
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

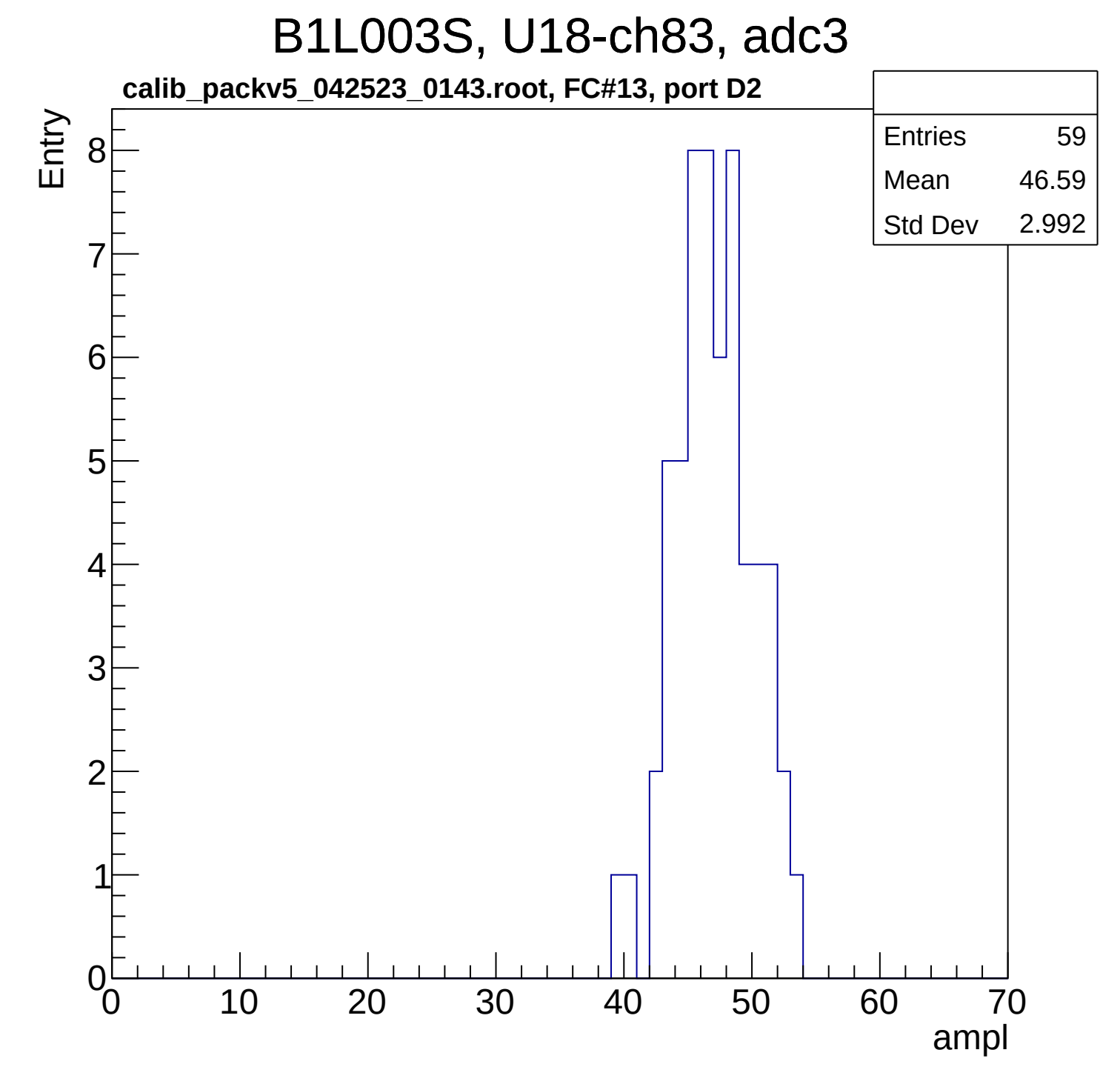

B1L003S, U18-ch82, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 31
Mean 59.13
Std Dev 10.97
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

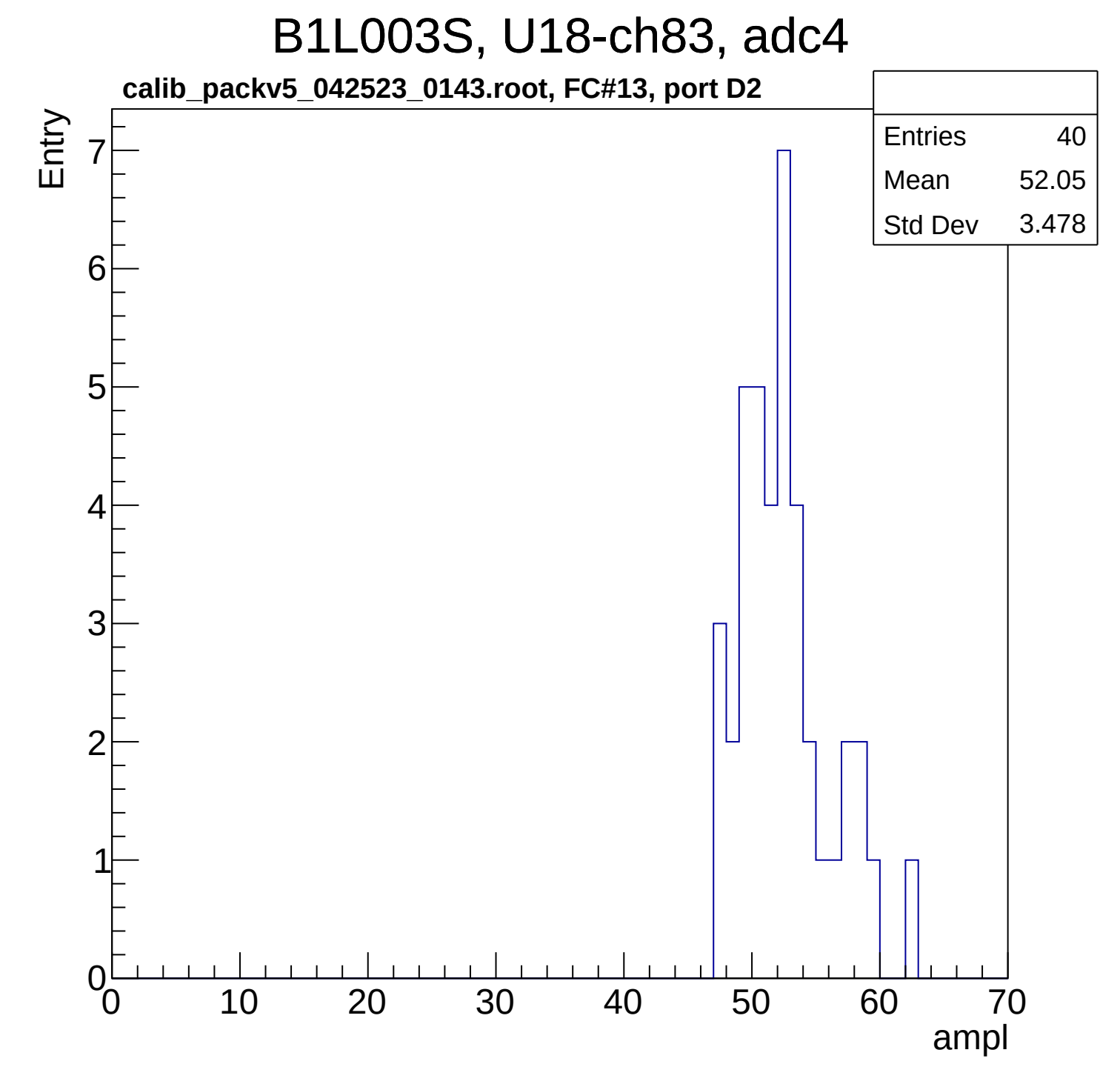

B1L003S, U18-ch82, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 46.25
Std Dev 26.71
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

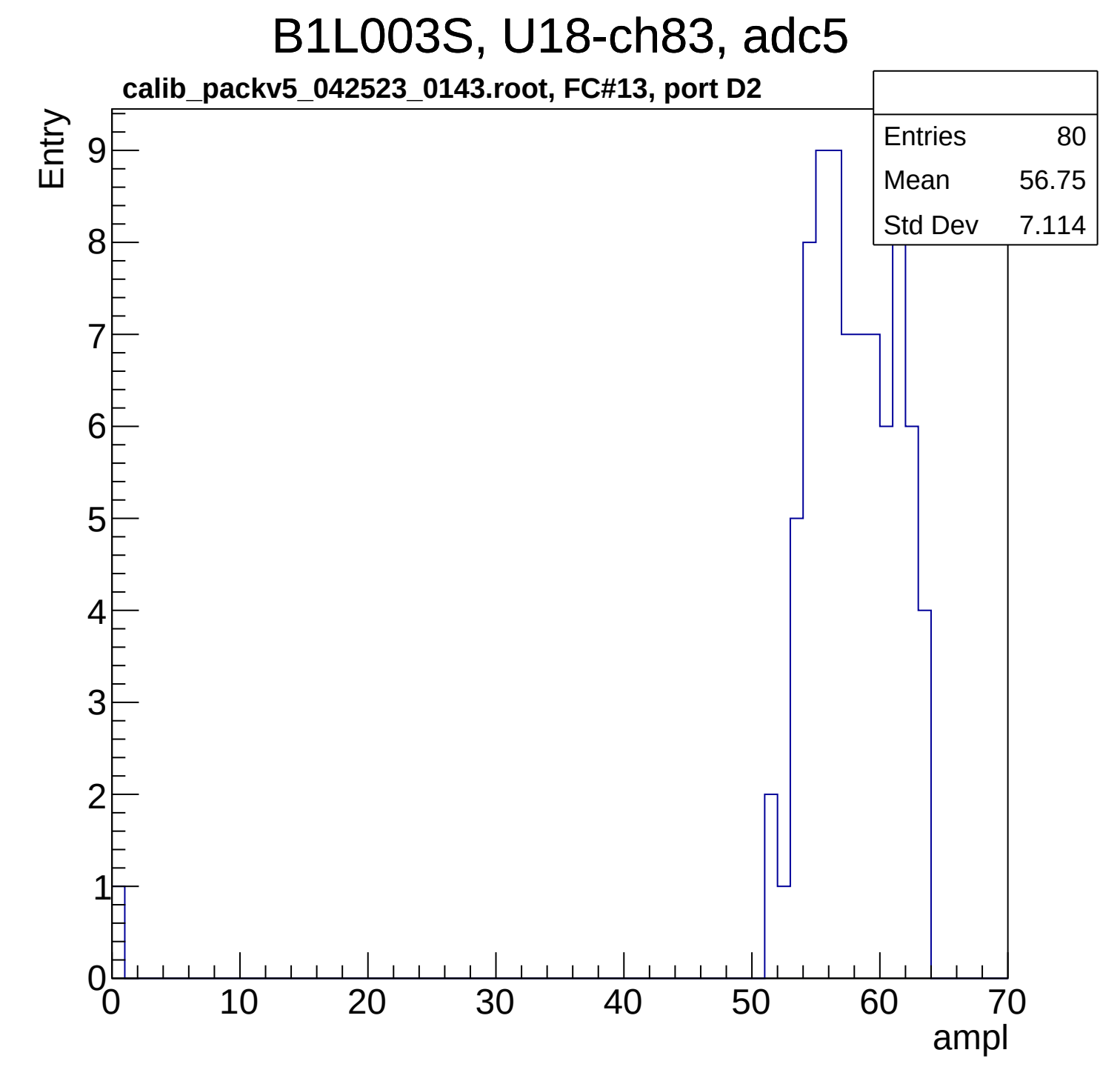

B1L003S, U18-ch83, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 26.68
Std Dev 5.449
Gaus mean : 28.2106
Gaus Width: 3.5447
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

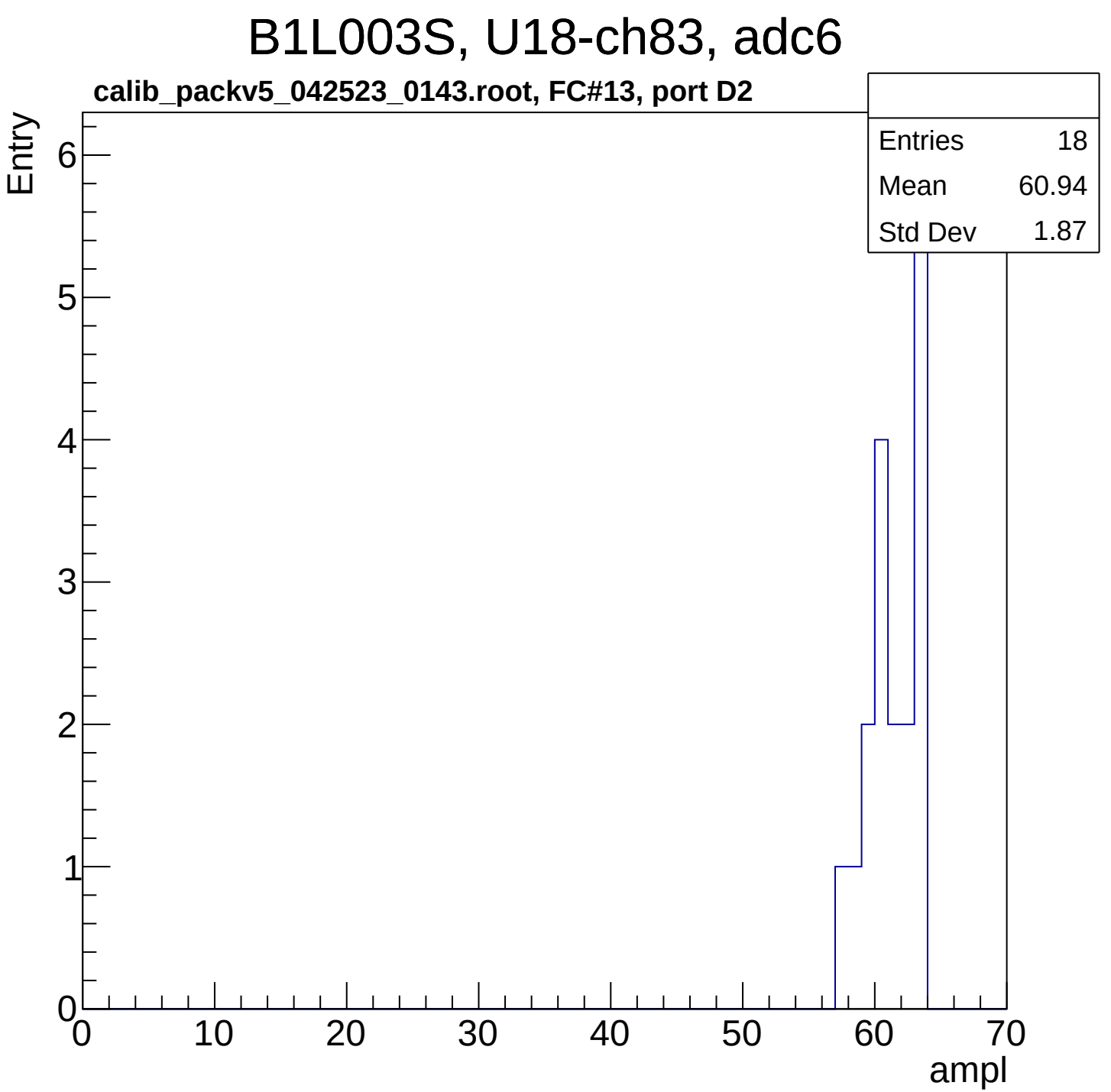

B1L003S, U18-ch83, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 33.83
Std Dev 3.335
Gaus mean : 33.6939
Gaus Width: 3.4769
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

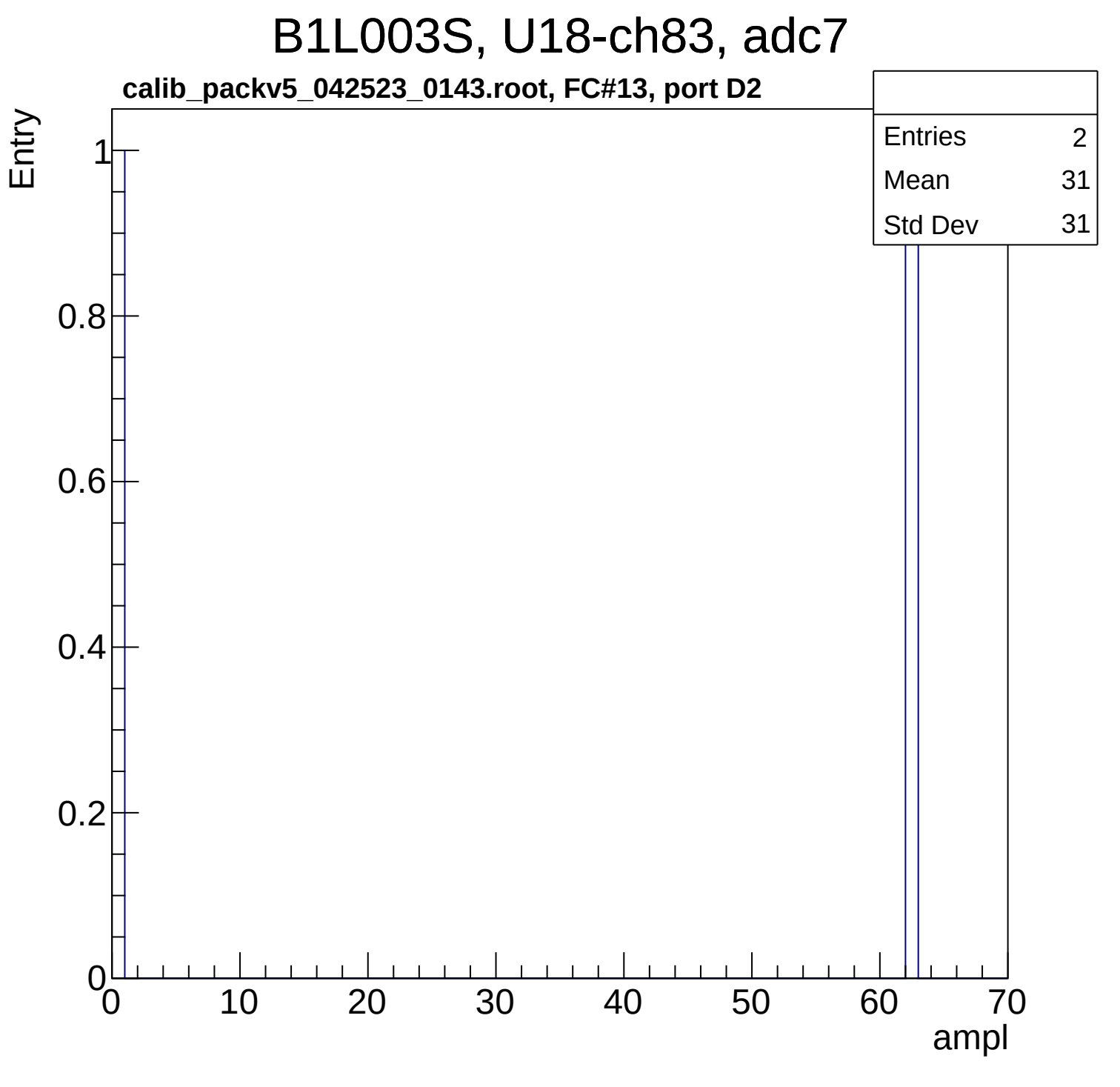

B1L003S, U18-ch83, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 40.21
Std Dev 3.412
Gaus mean : 40.5323
Gaus Width: 3.4205
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

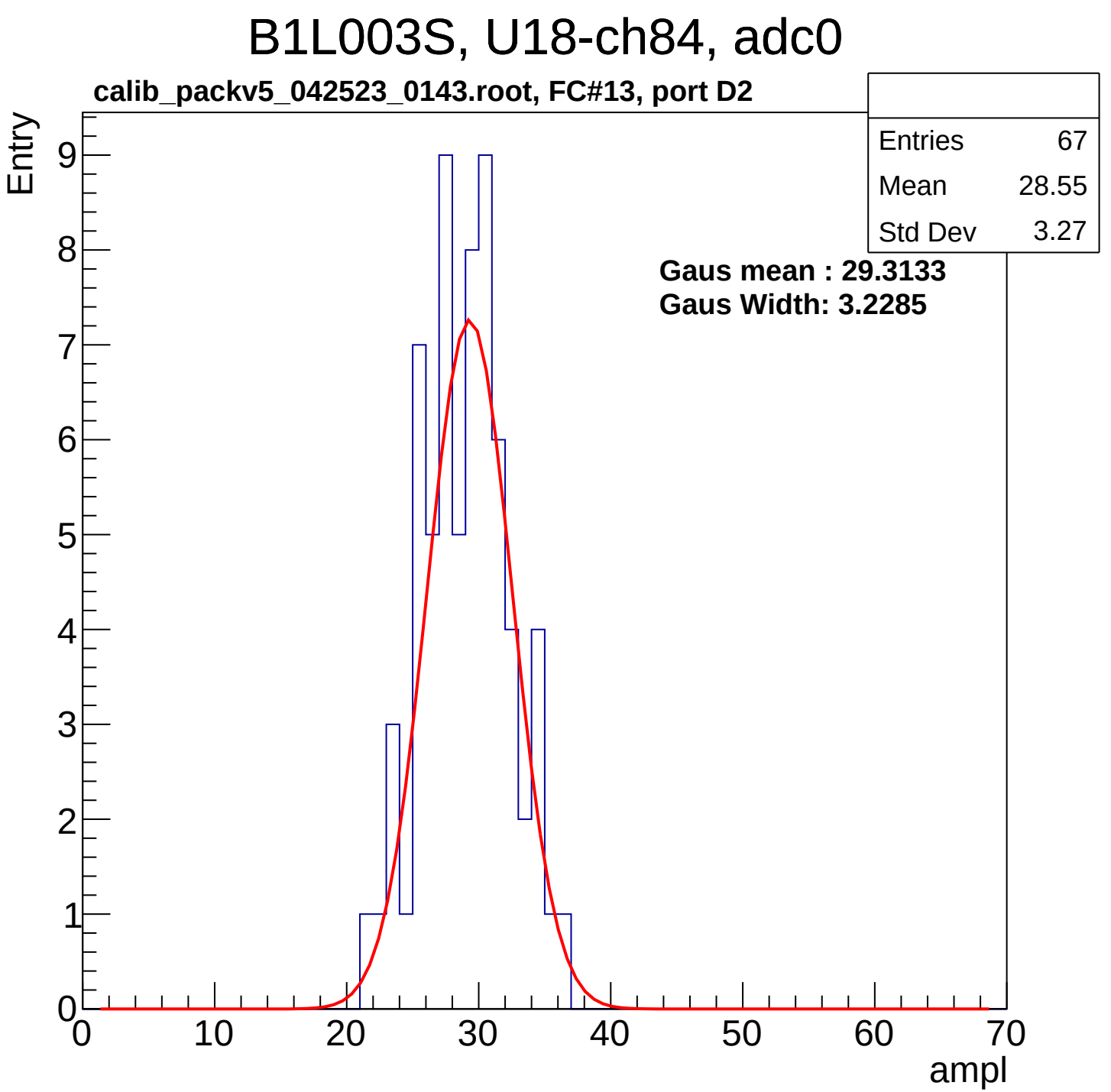

B1L003S, U18-ch83, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 46.59
Std Dev 2.992
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

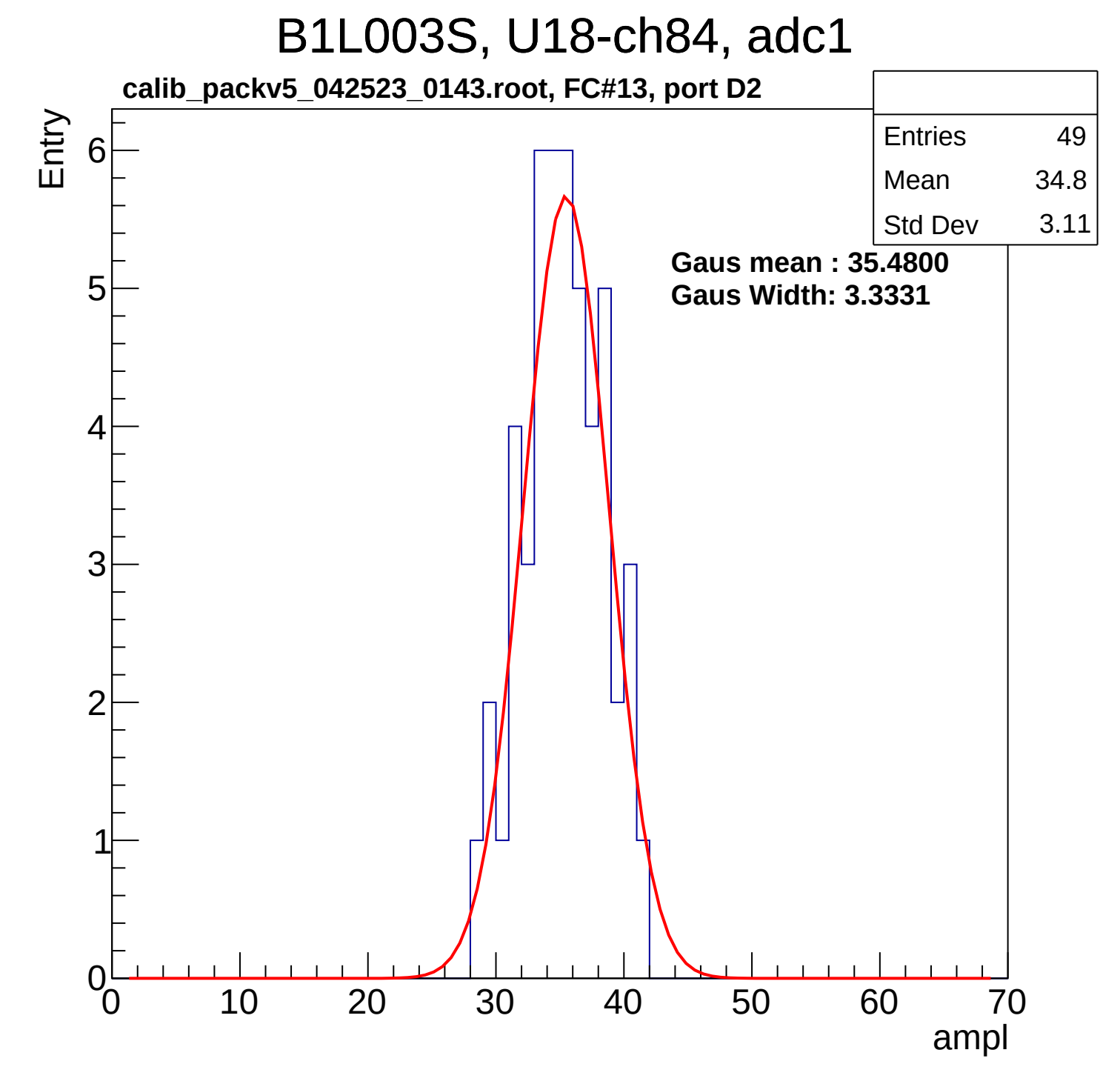

B1L003S, U18-ch83, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 40
Mean 52.05
Std Dev 3.478
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

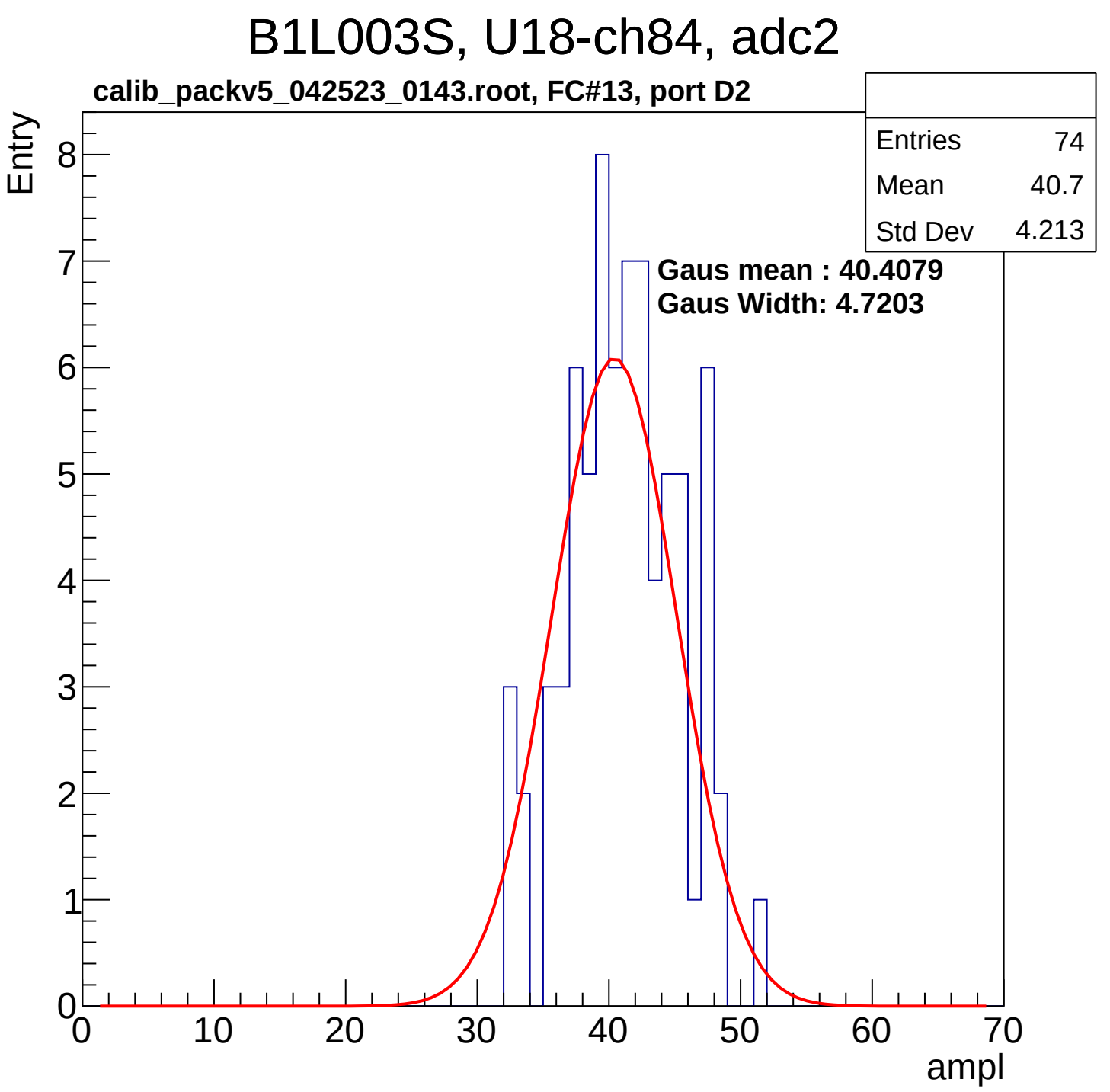

B1L003S, U18-ch83, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 56.75
Std Dev 7.114
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

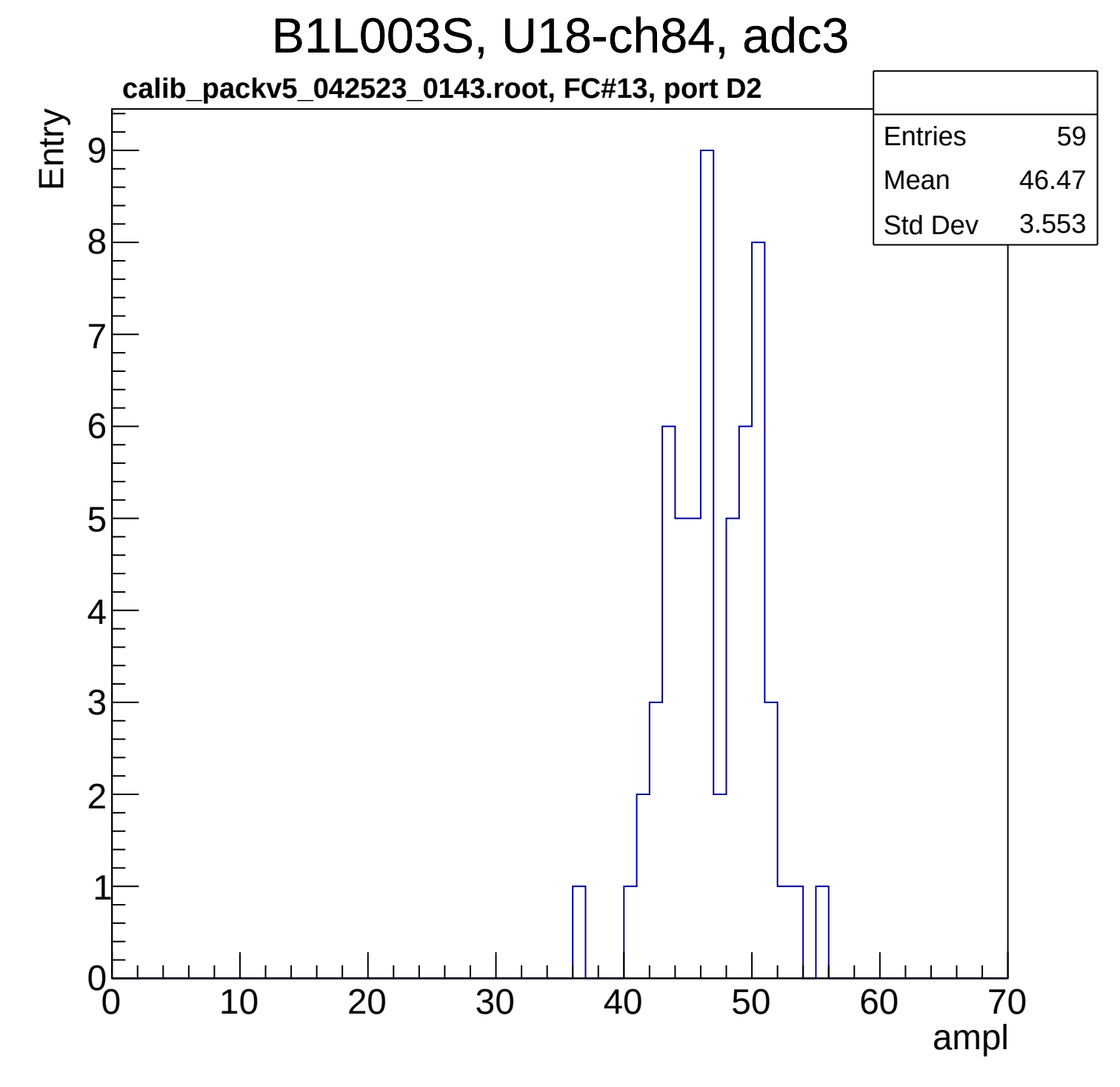

B1L003S, U18-ch83, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 18
Mean 60.94
Std Dev 1.87
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

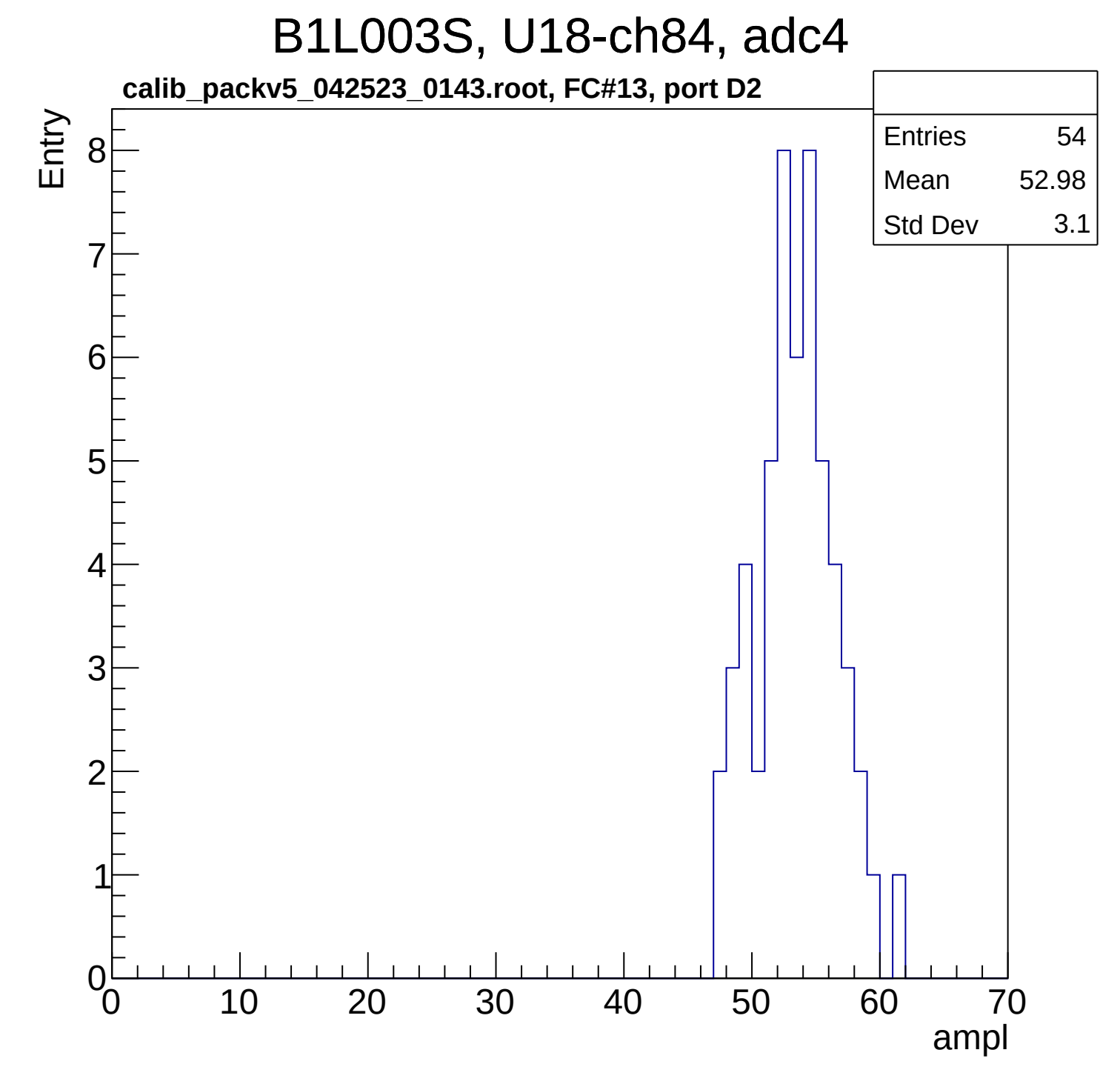

B1L003S, U18-ch83, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

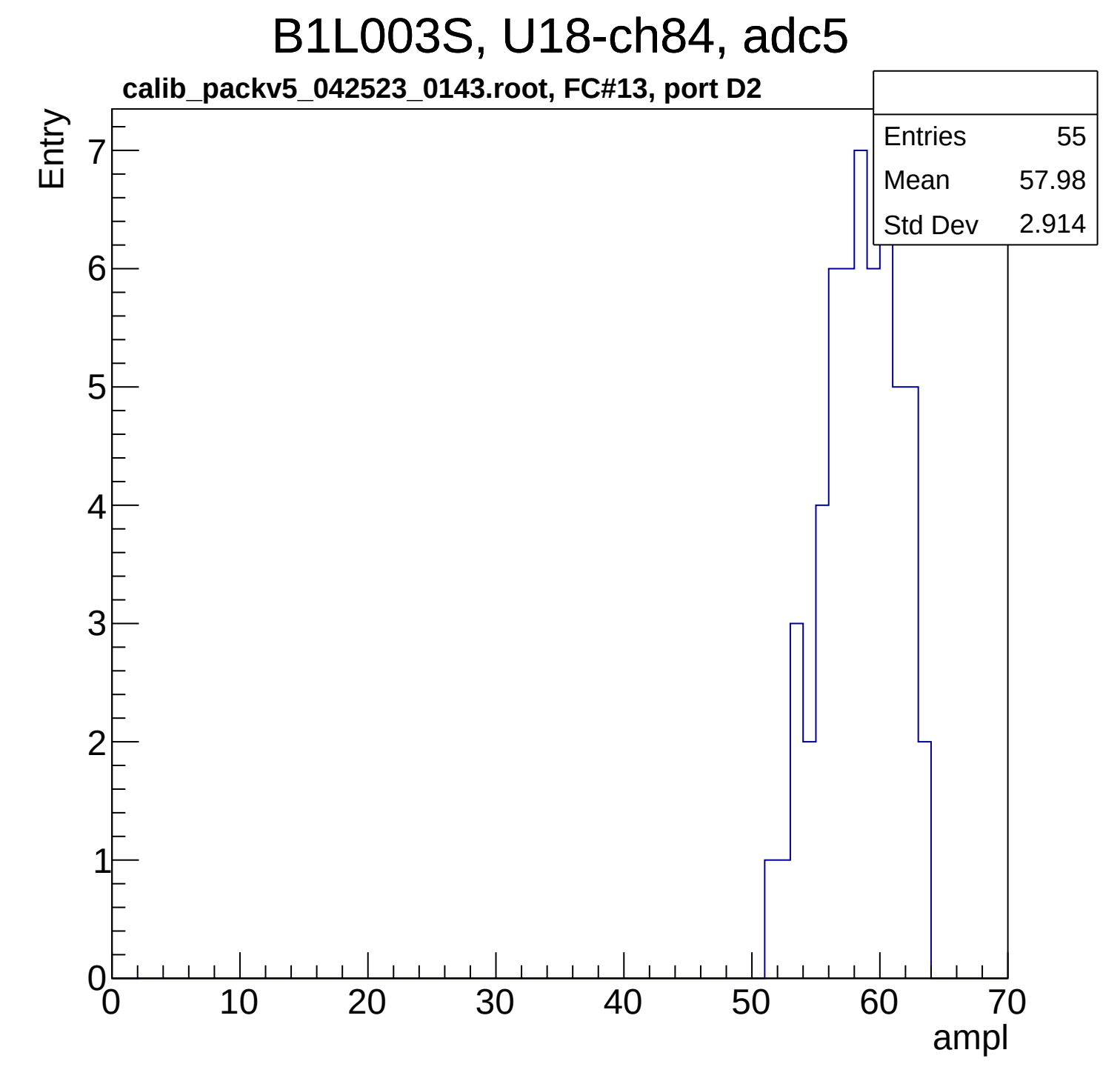

B1L003S, U18-ch84, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 28.55
Std Dev 3.27
Gaus mean : 29.3133
Gaus Width: 3.2285
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

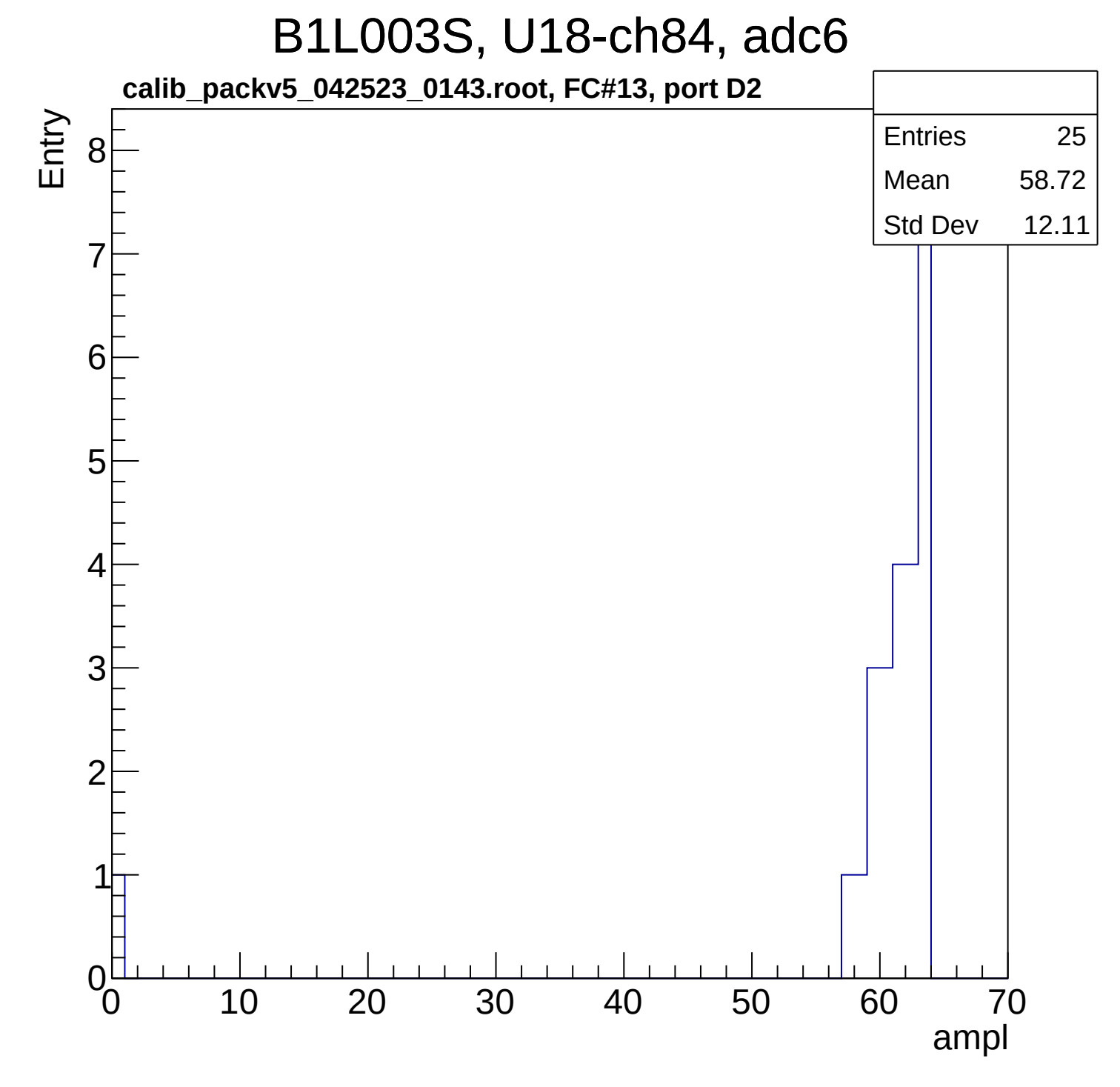

B1L003S, U18-ch84, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 34.8
Std Dev 3.11
Gaus mean : 35.4800
Gaus Width: 3.3331
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

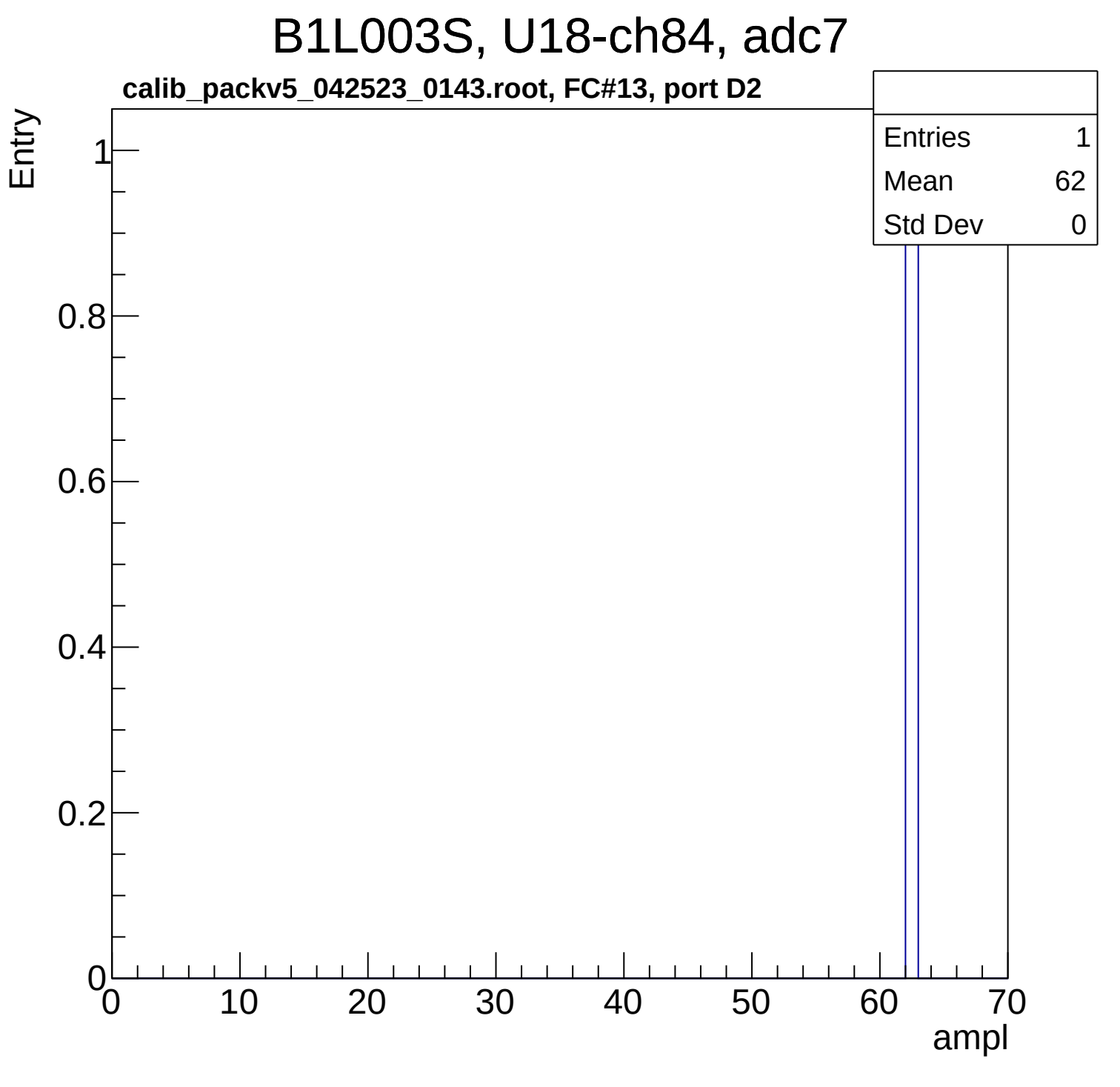

B1L003S, U18-ch84, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 40.7
Std Dev 4.213
Gaus mean : 40.4079
Gaus Width: 4.7203
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

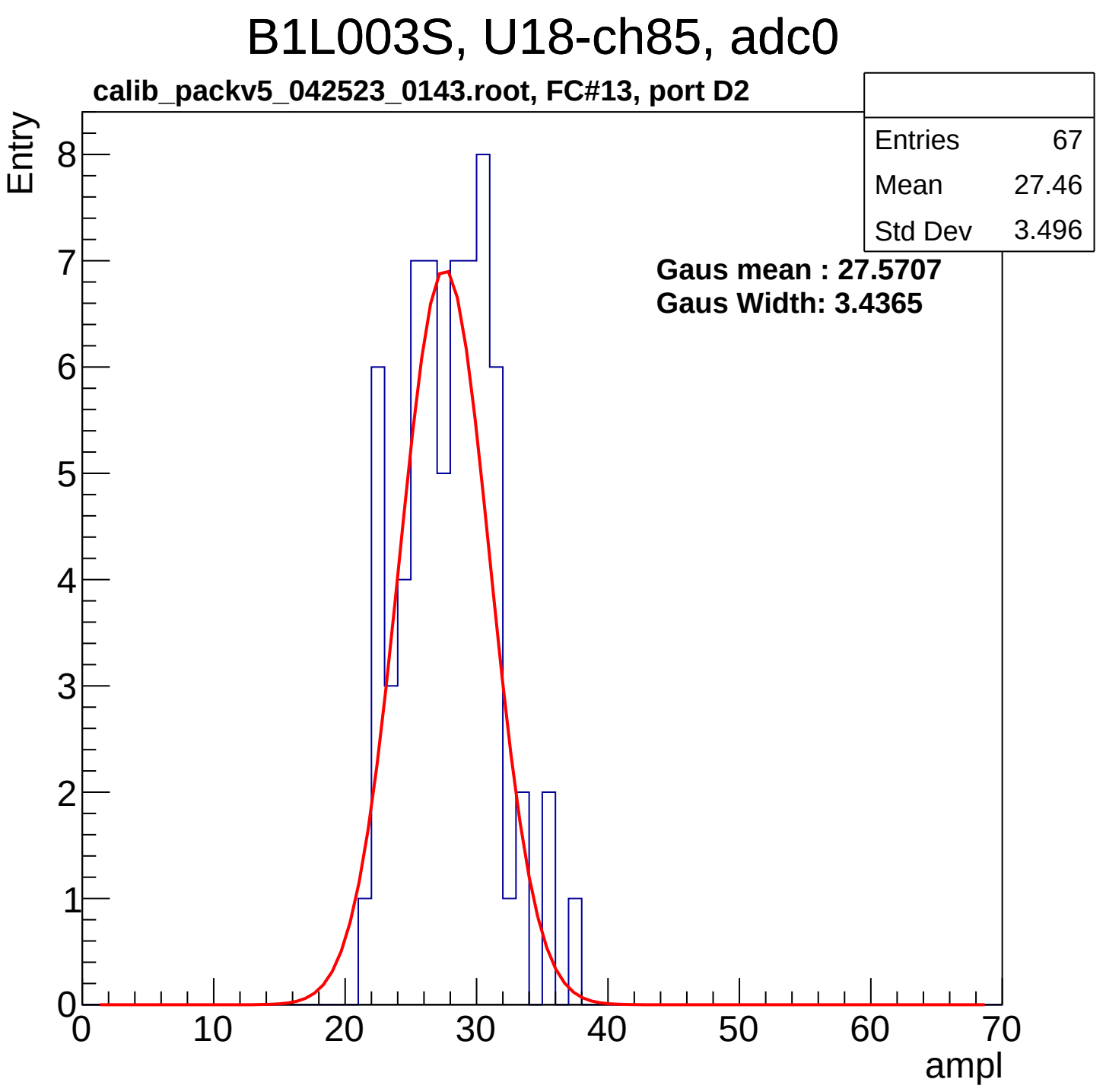

B1L003S, U18-ch84, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 46.47
Std Dev 3.553
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

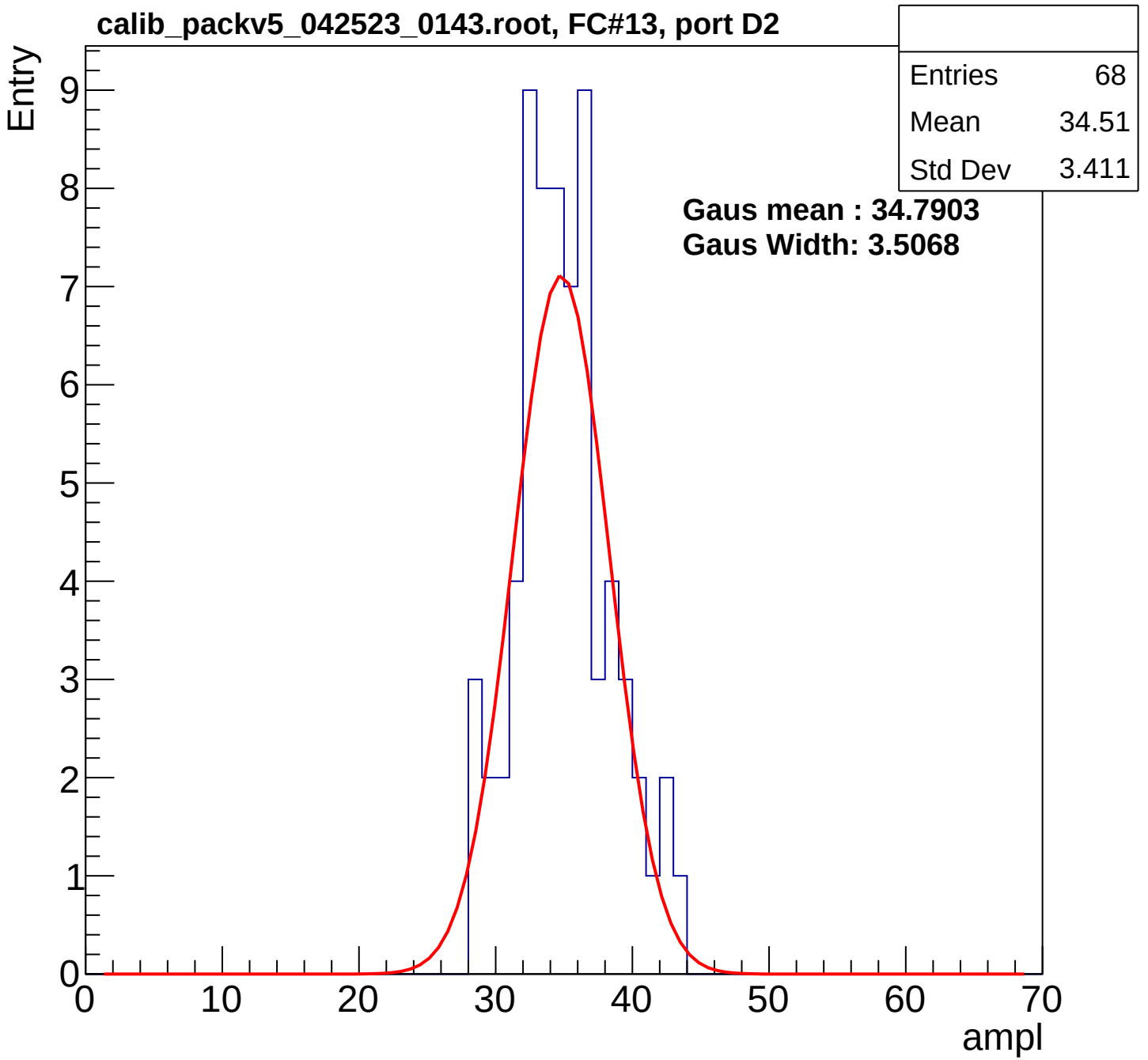

B1L003S, U18-ch84, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 52.98
Std Dev 3.1
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

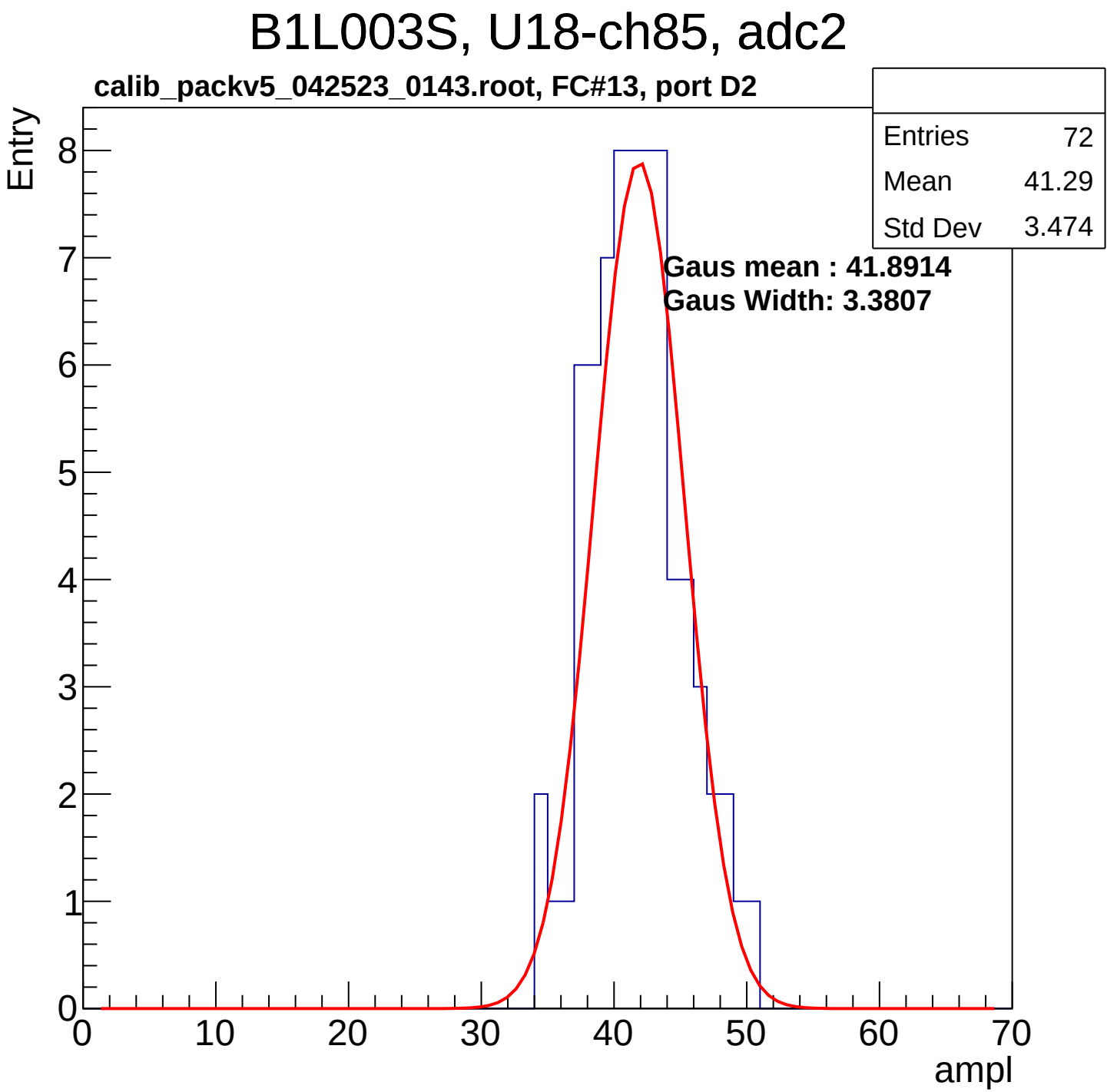

B1L003S, U18-ch84, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 57.98
Std Dev 2.914
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

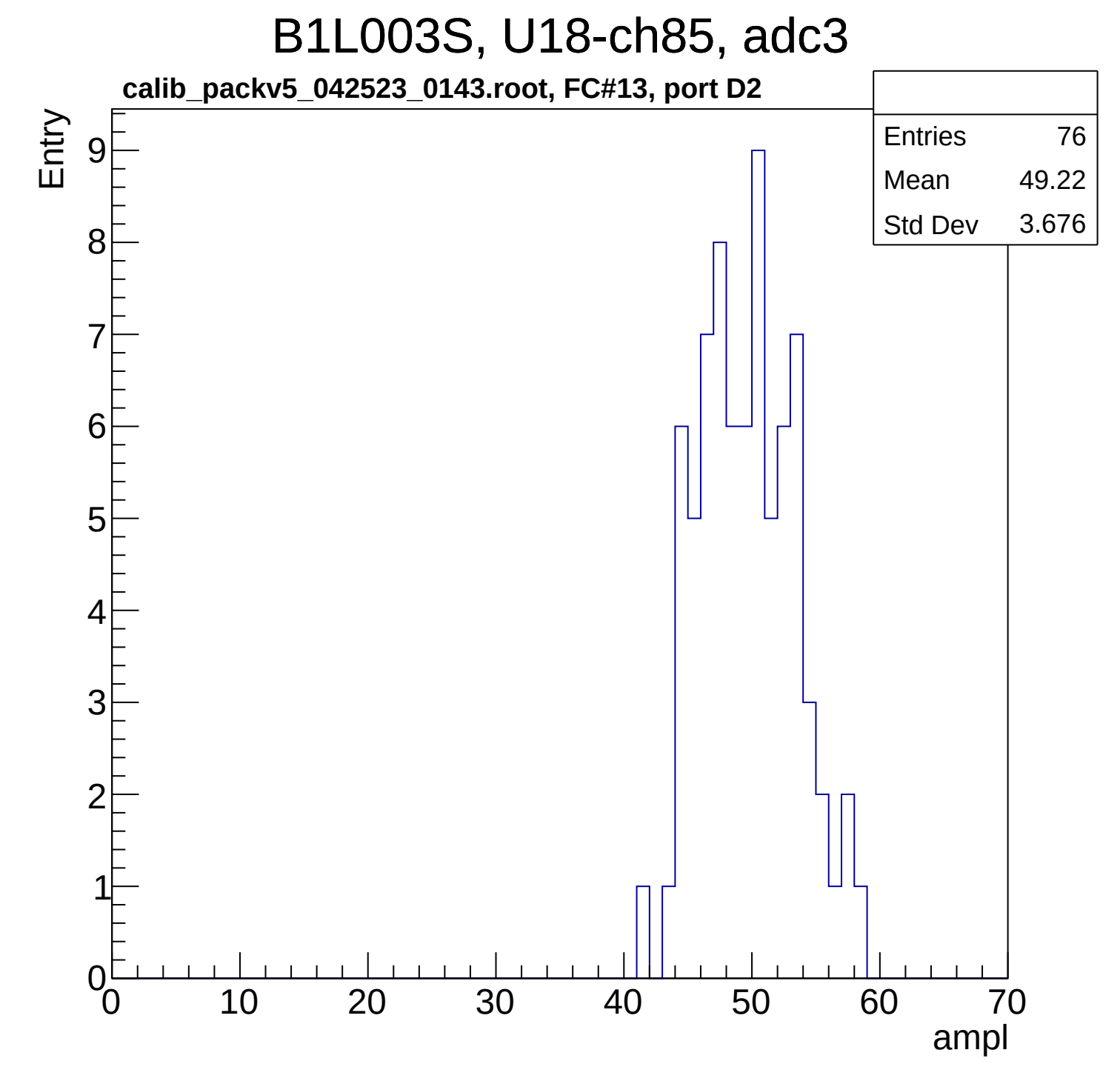

B1L003S, U18-ch84, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 25
Mean 58.72
Std Dev 12.11
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

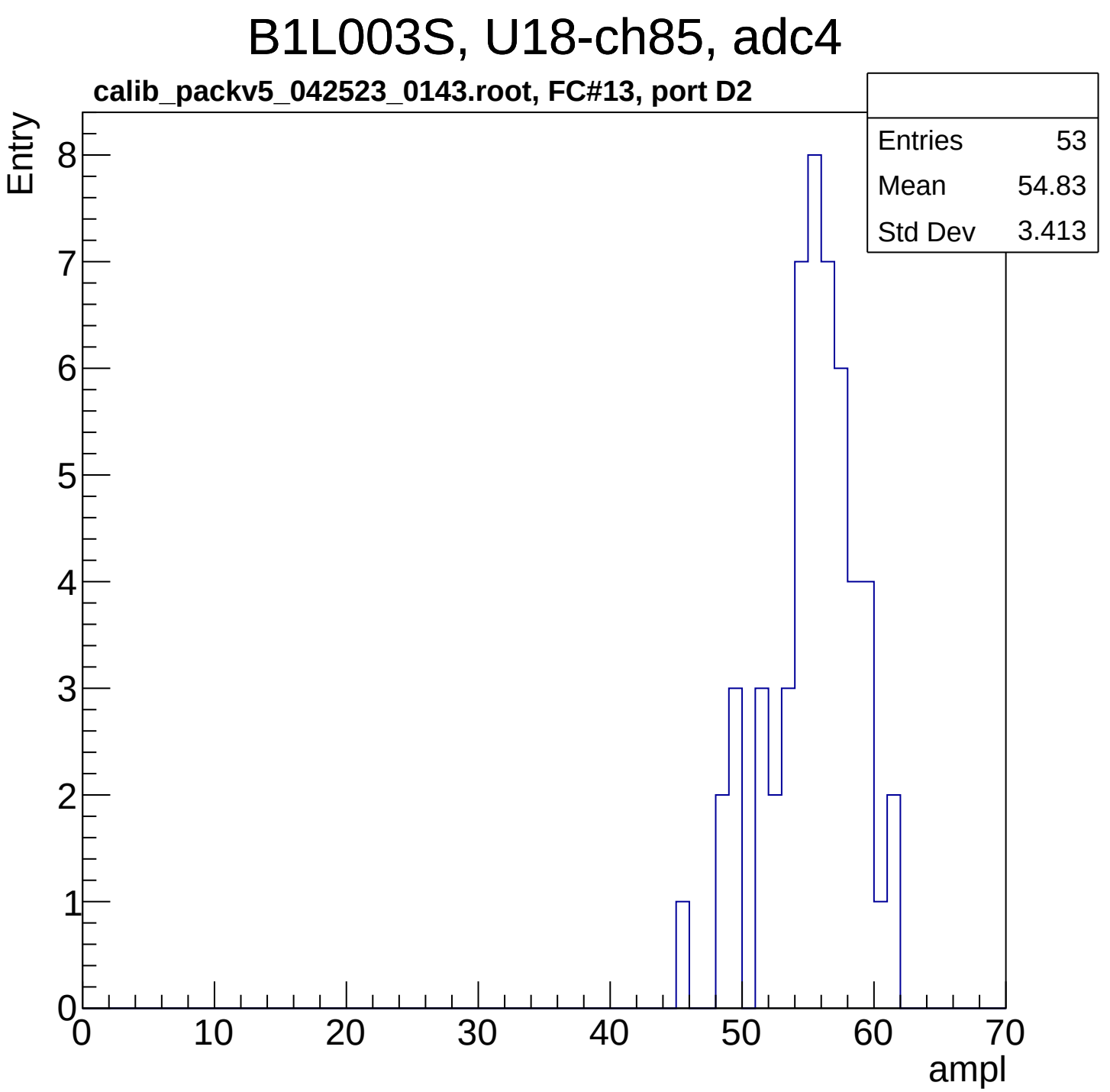

B1L003S, U18-ch84, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

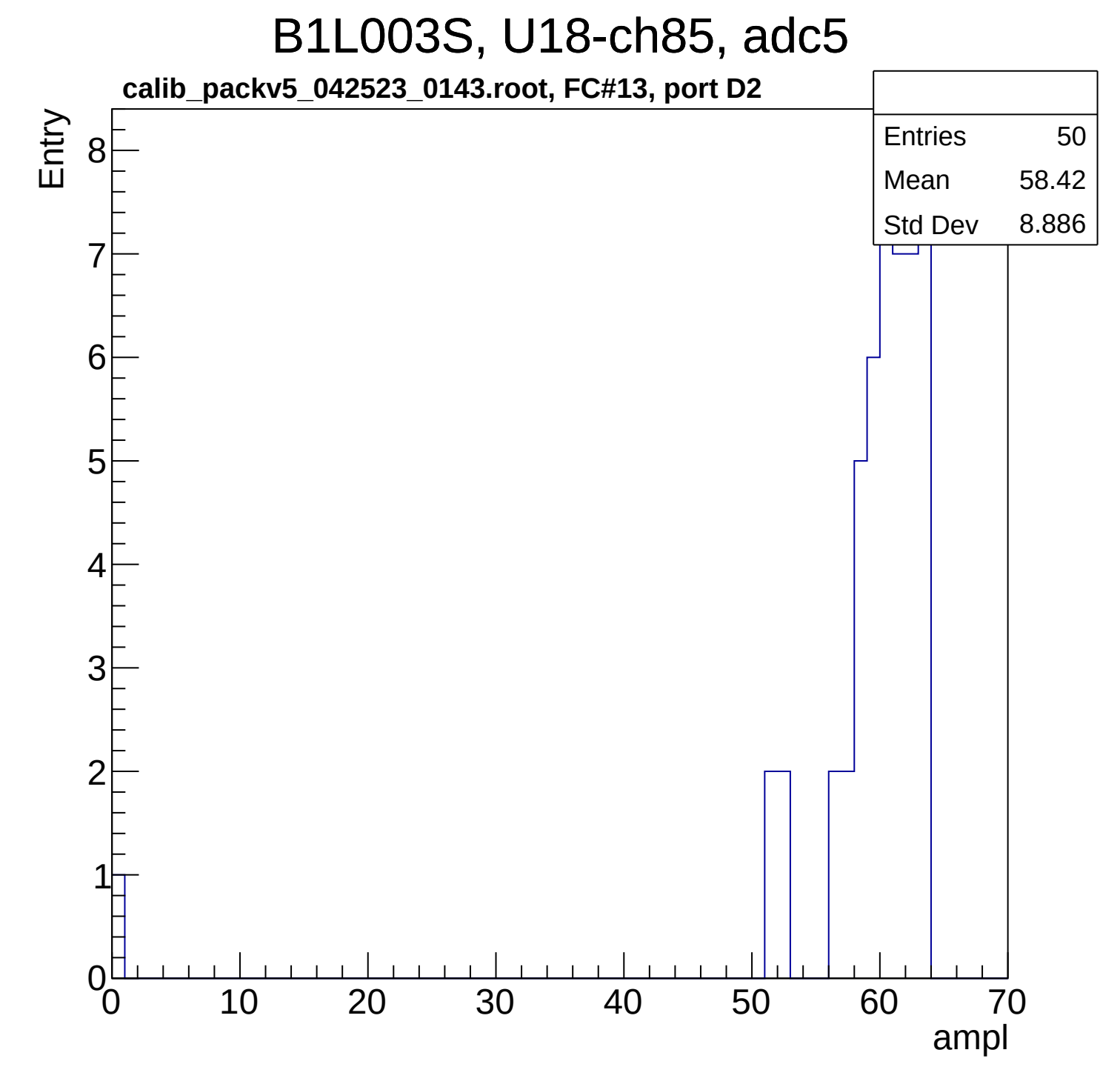

B1L003S, U18-ch85, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 27.46
Std Dev 3.496
Gaus mean : 27.5707
Gaus Width: 3.4365
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

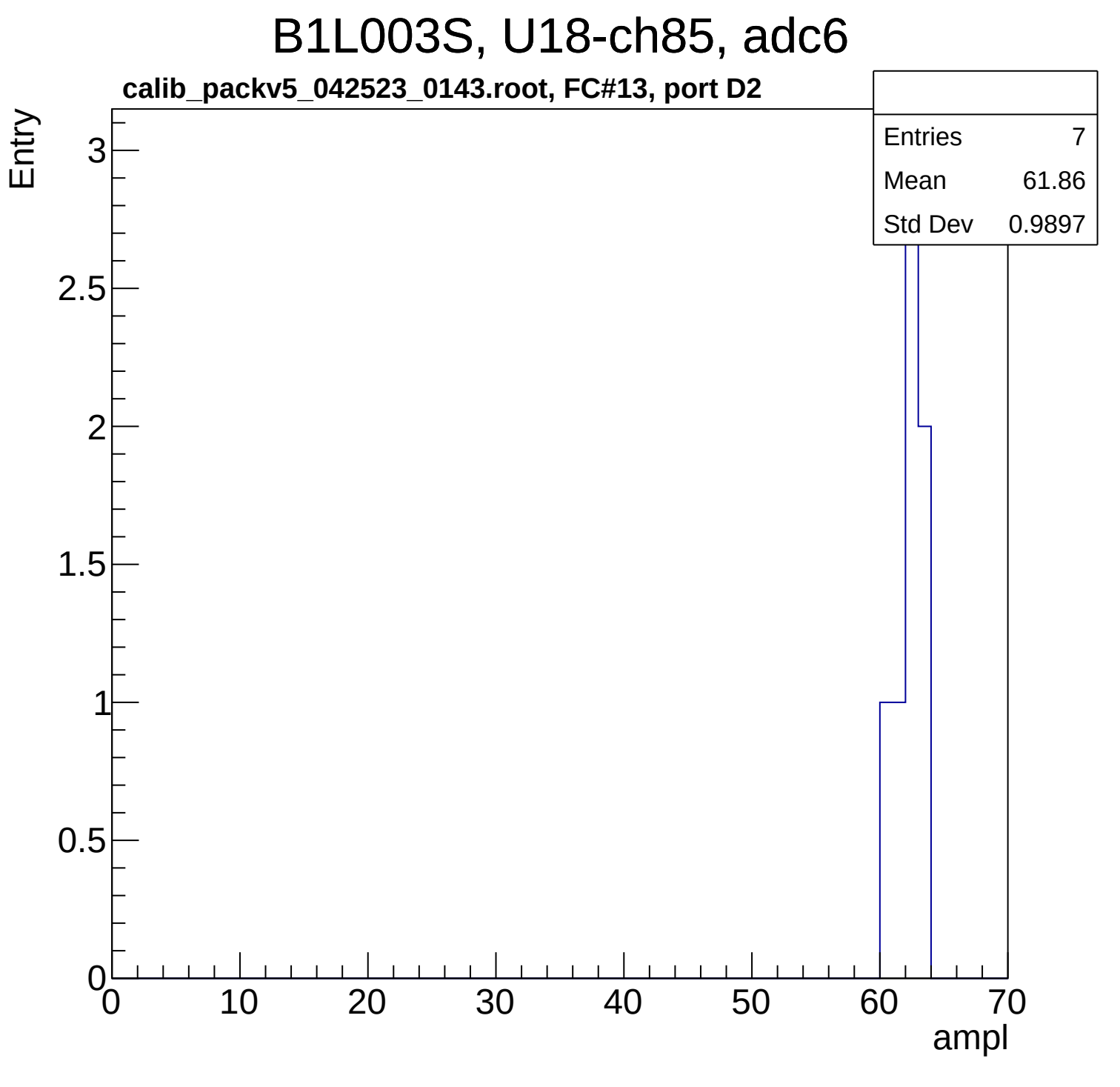

B1L003S, U18-ch85, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 34.51
Std Dev 3.411
Gaus mean : 34.7903
Gaus Width: 3.5068
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

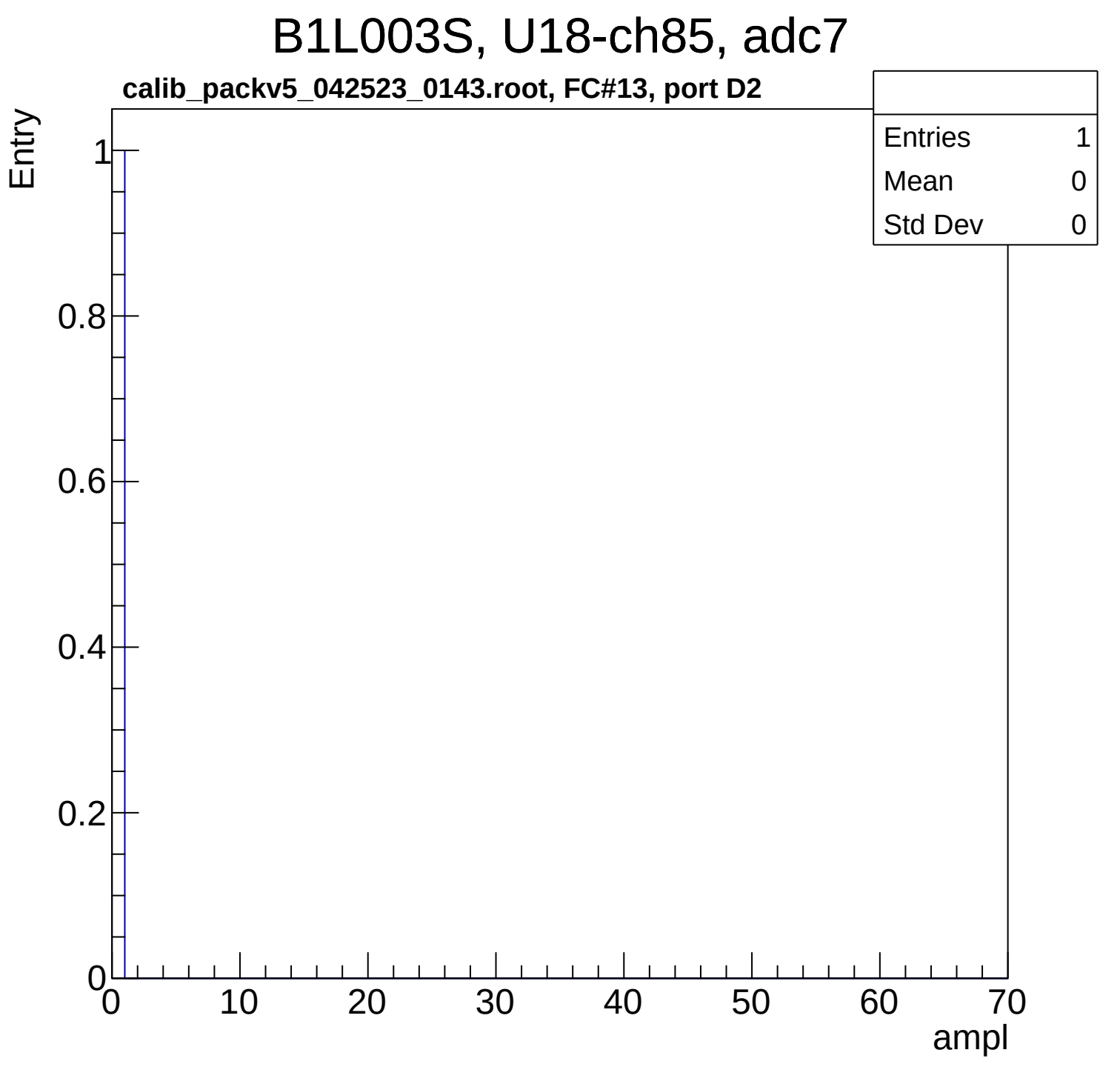

B1L003S, U18-ch85, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 41.29
Std Dev 3.474
Gaus mean : 41.8914
Gaus Width: 3.3807
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

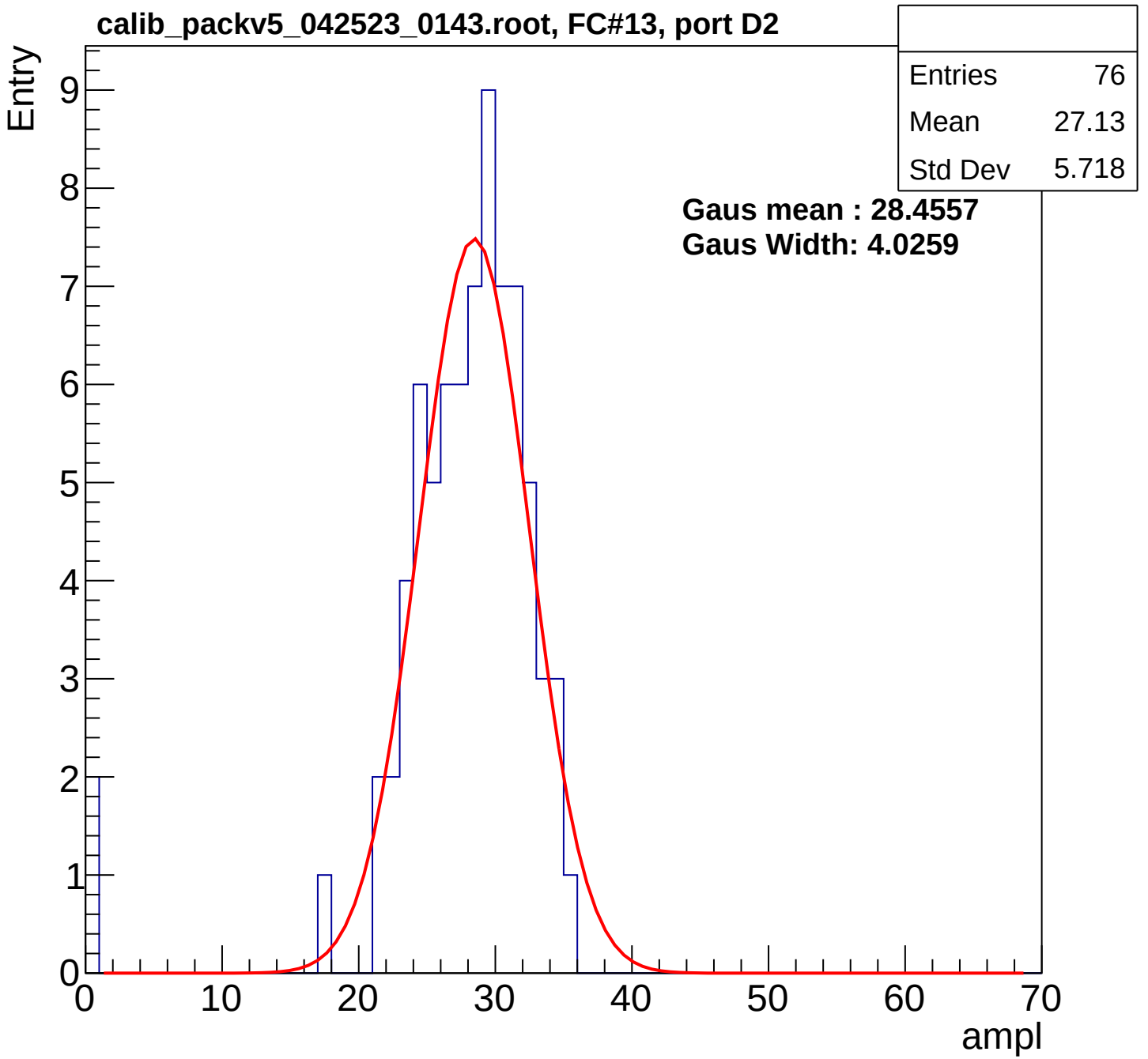

B1L003S, U18-ch85, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 49.22
Std Dev 3.676
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

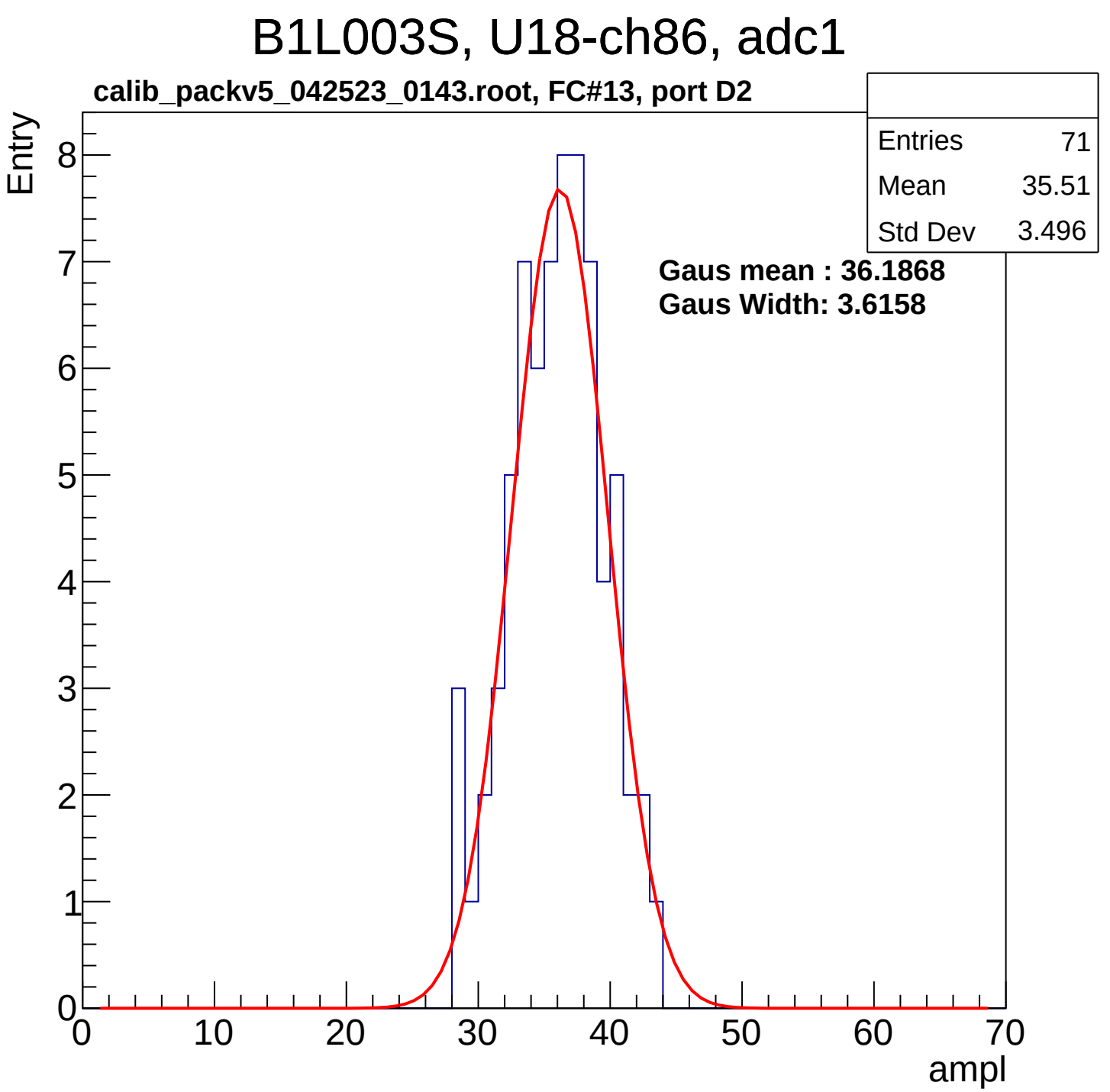

B1L003S, U18-ch85, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 54.83
Std Dev 3.413
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

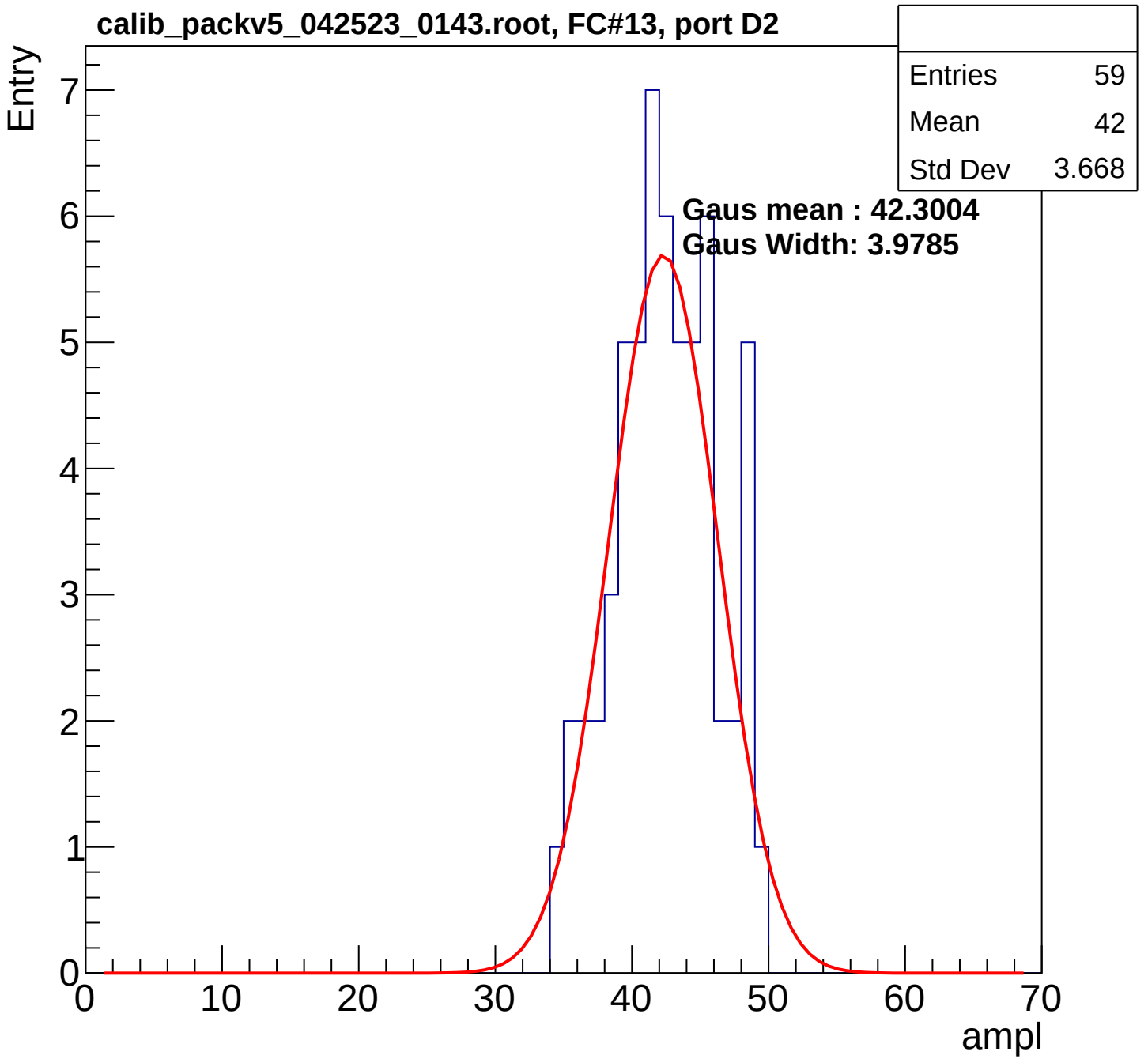

B1L003S, U18-ch85, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 58.42
Std Dev 8.886
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

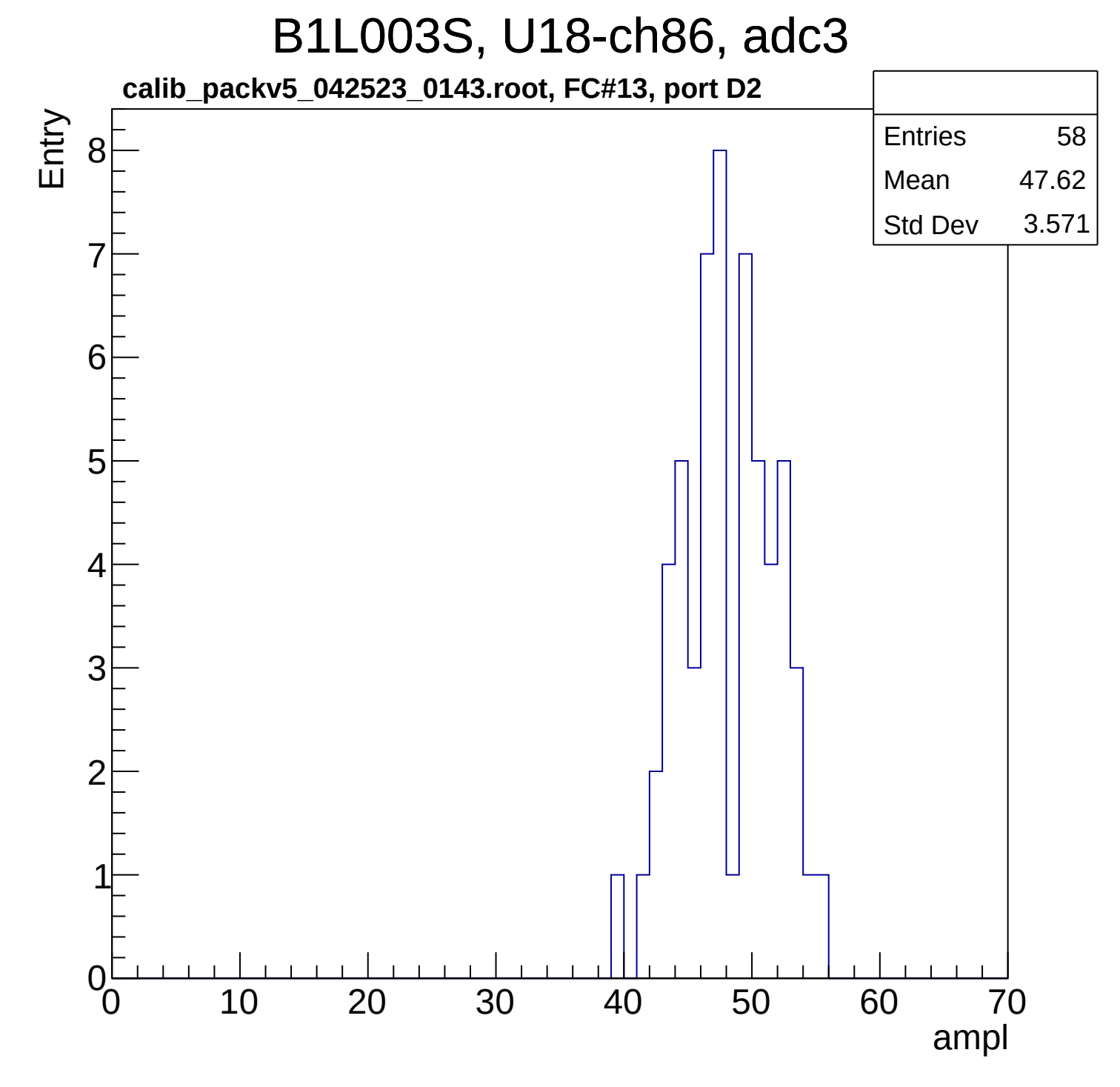

B1L003S, U18-ch85, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 61.86
Std Dev 0.9897
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

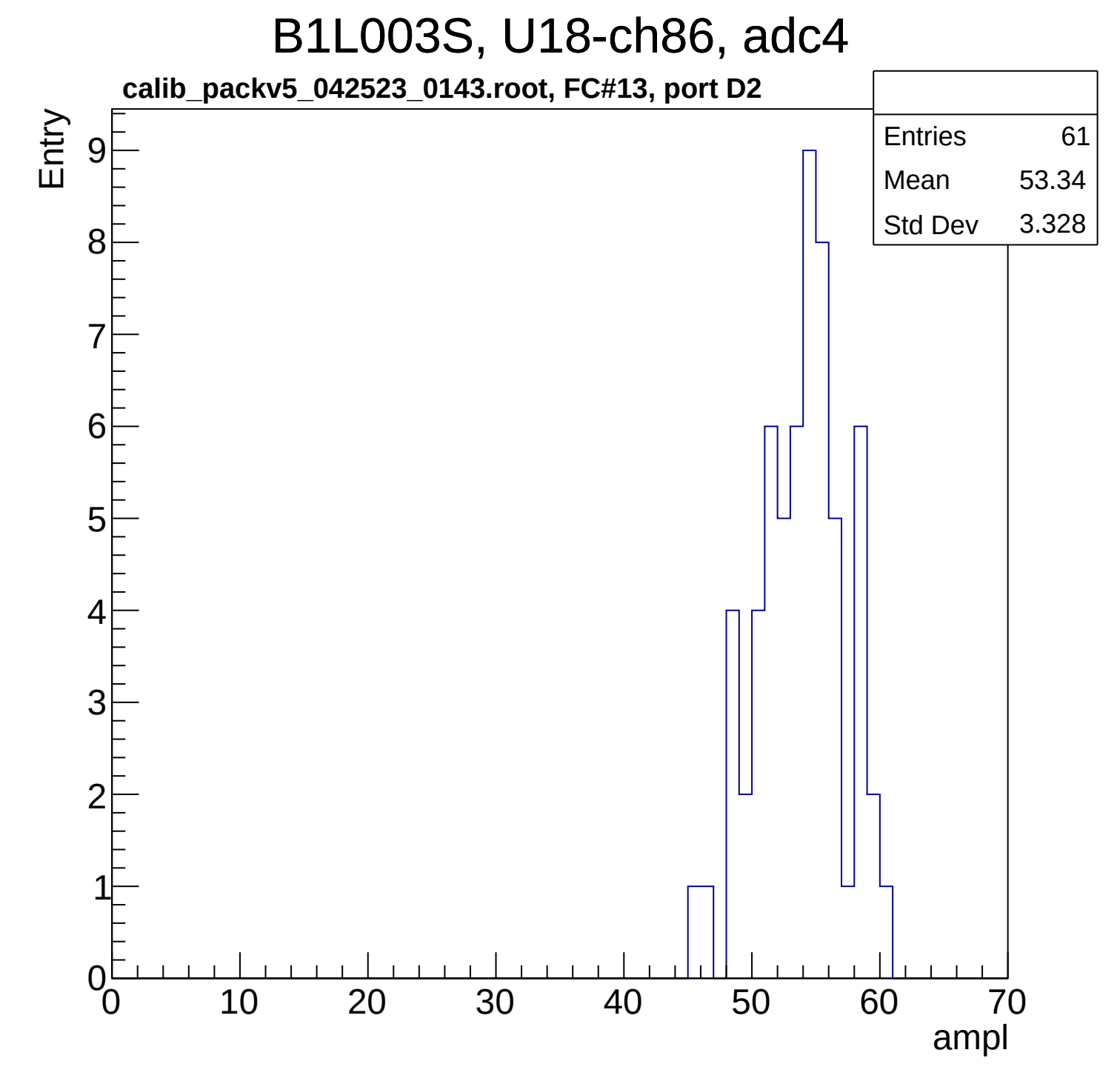

B1L003S, U18-ch85, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

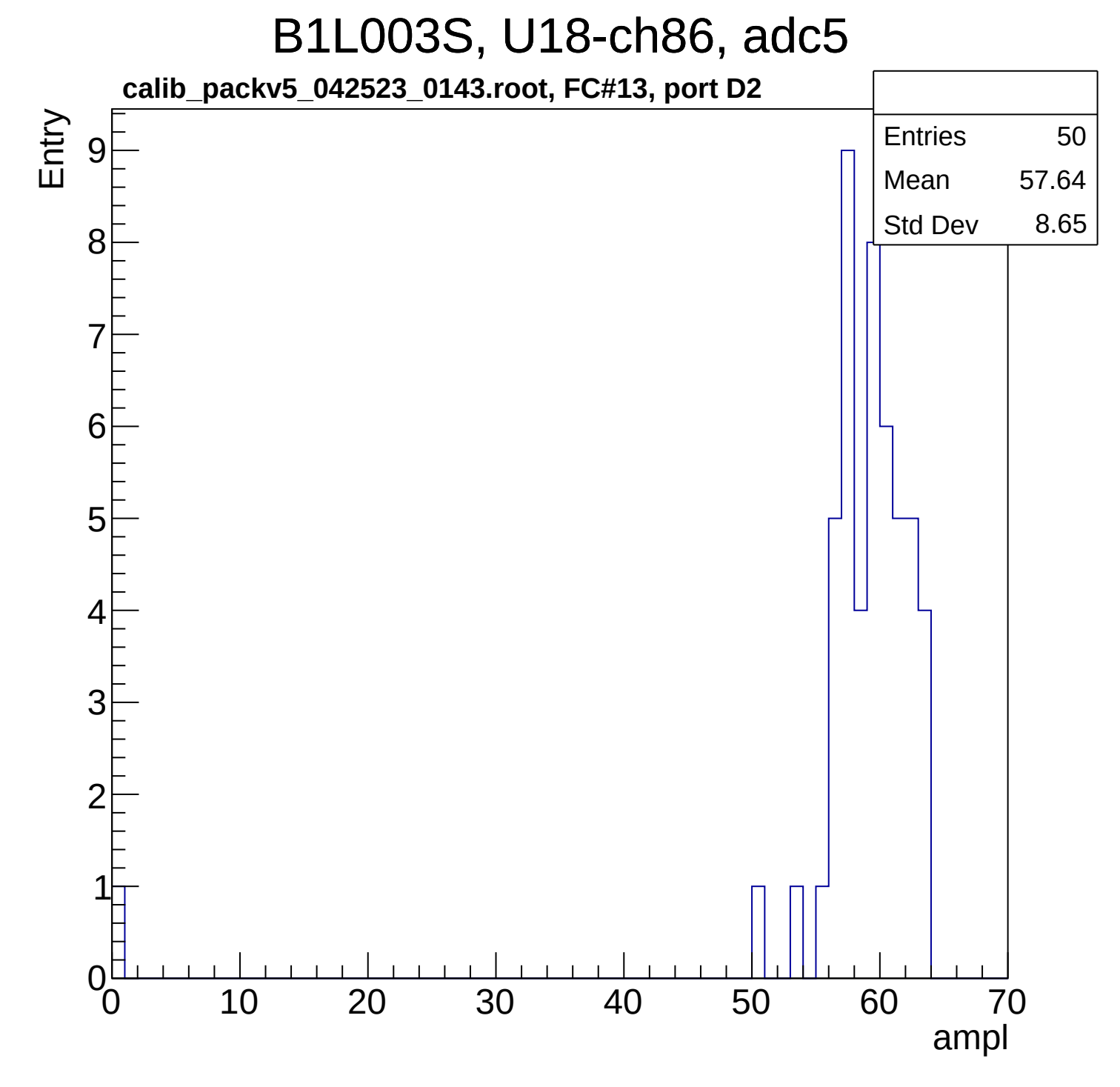

B1L003S, U18-ch86, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 27.13
Std Dev 5.718
Gaus mean : 28.4557
Gaus Width: 4.0259
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

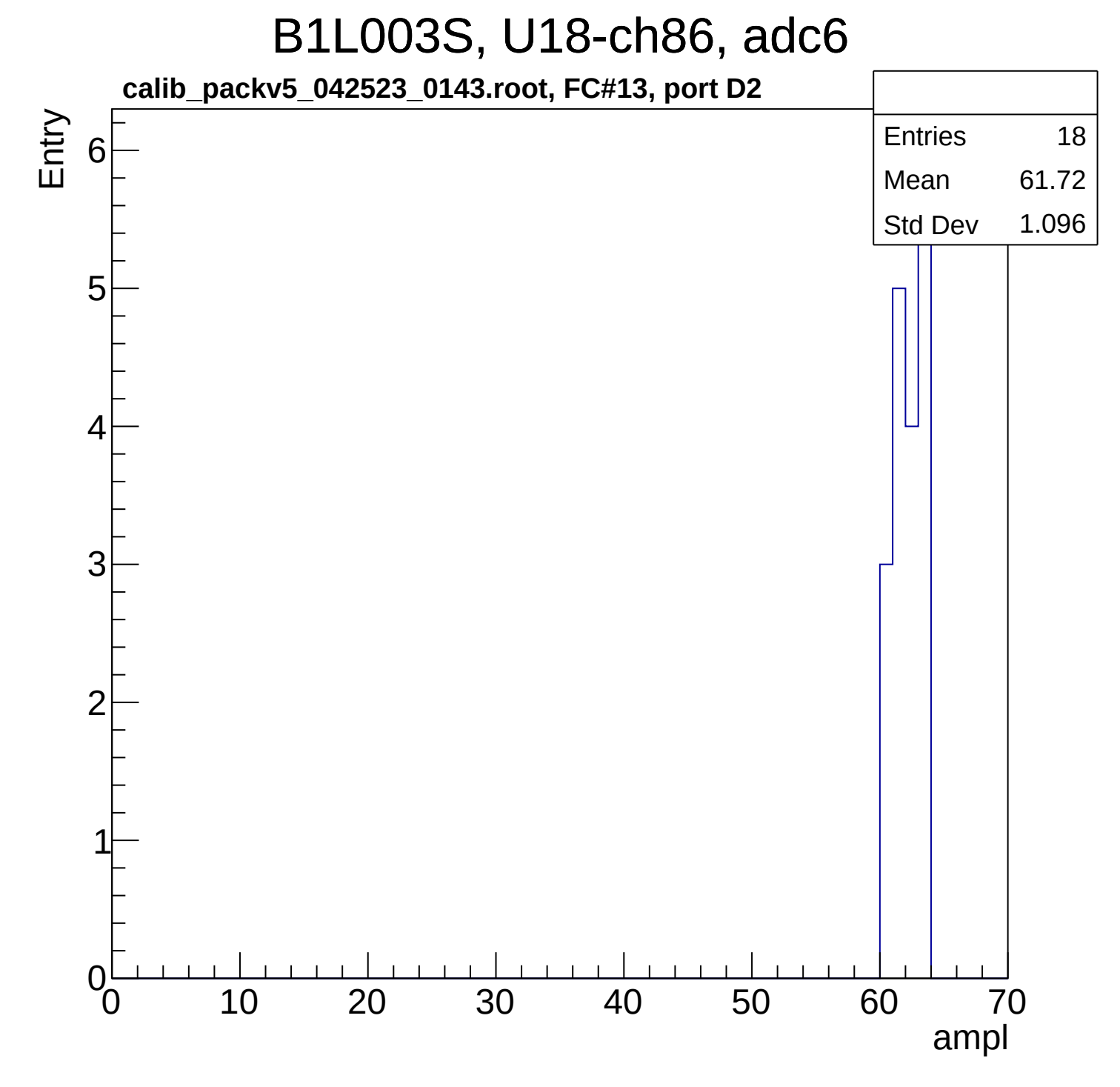

B1L003S, U18-ch86, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 35.51
Std Dev 3.496
Gaus mean : 36.1868
Gaus Width: 3.6158
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

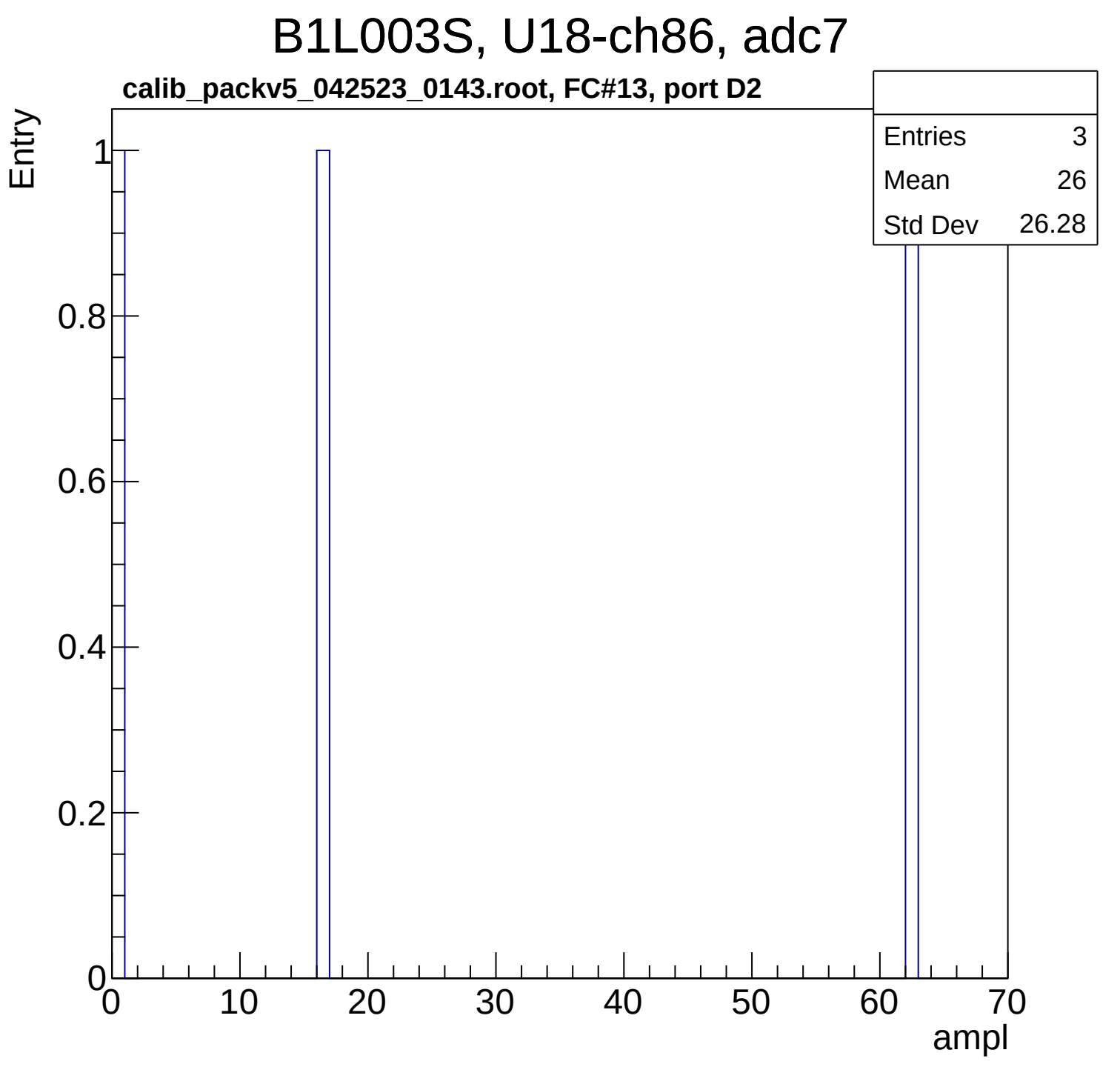

B1L003S, U18-ch86, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 42
Std Dev 3.668
Gaus mean : 42.3004
Gaus Width: 3.9785
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

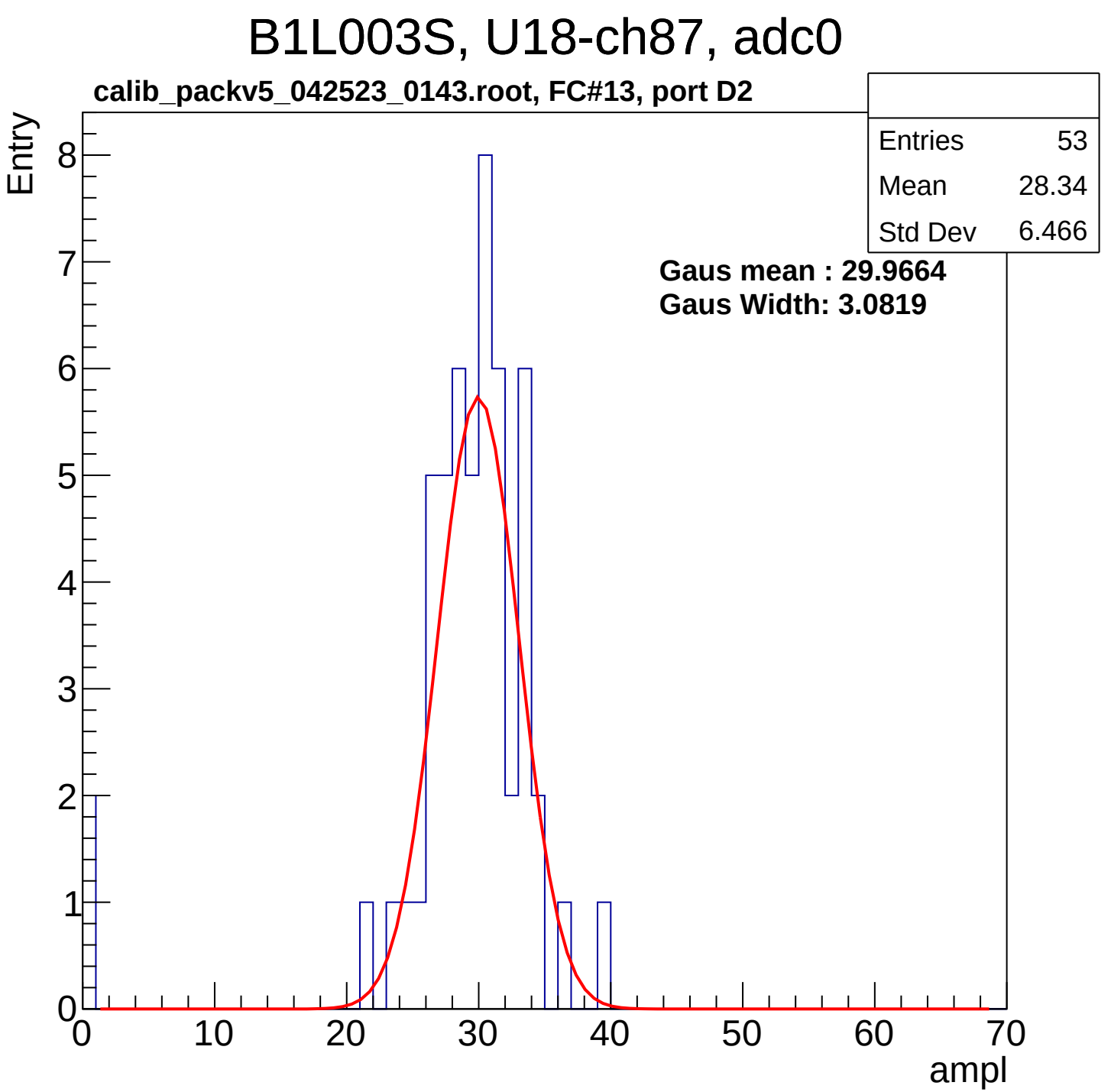

B1L003S, U18-ch86, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 47.62
Std Dev 3.571
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

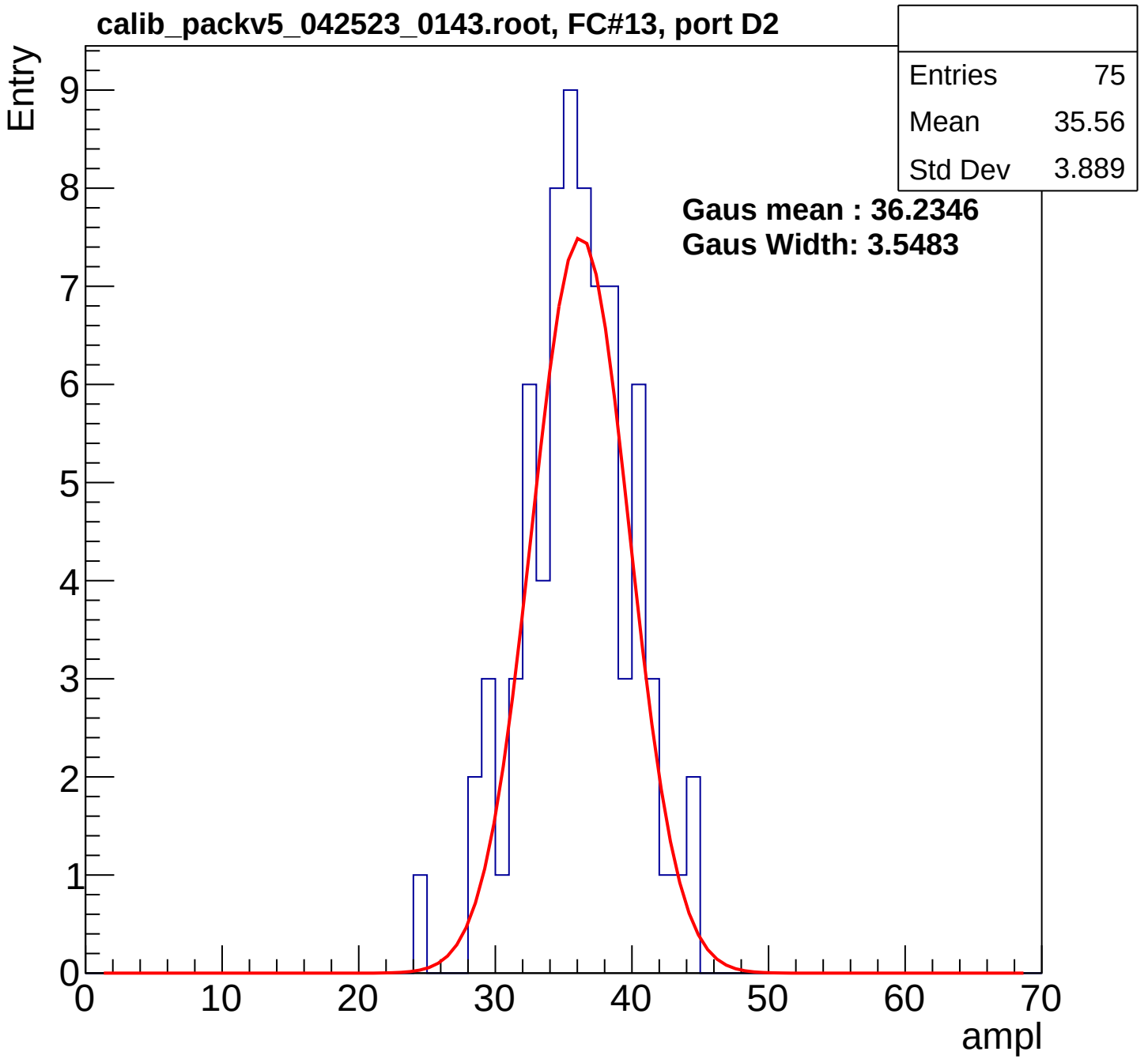

B1L003S, U18-ch86, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 53.34
Std Dev 3.328
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

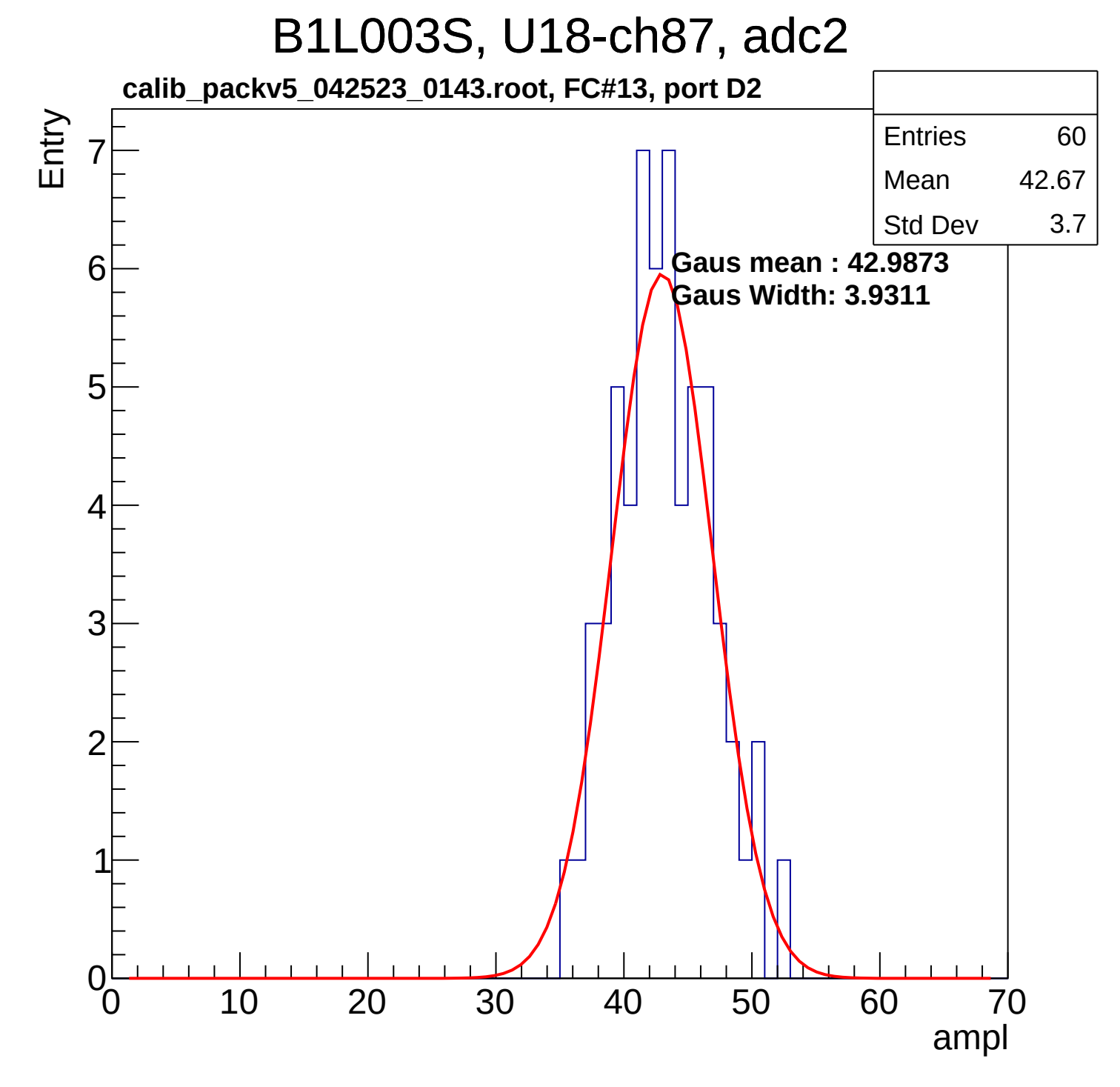

B1L003S, U18-ch86, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 57.64
Std Dev 8.65
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

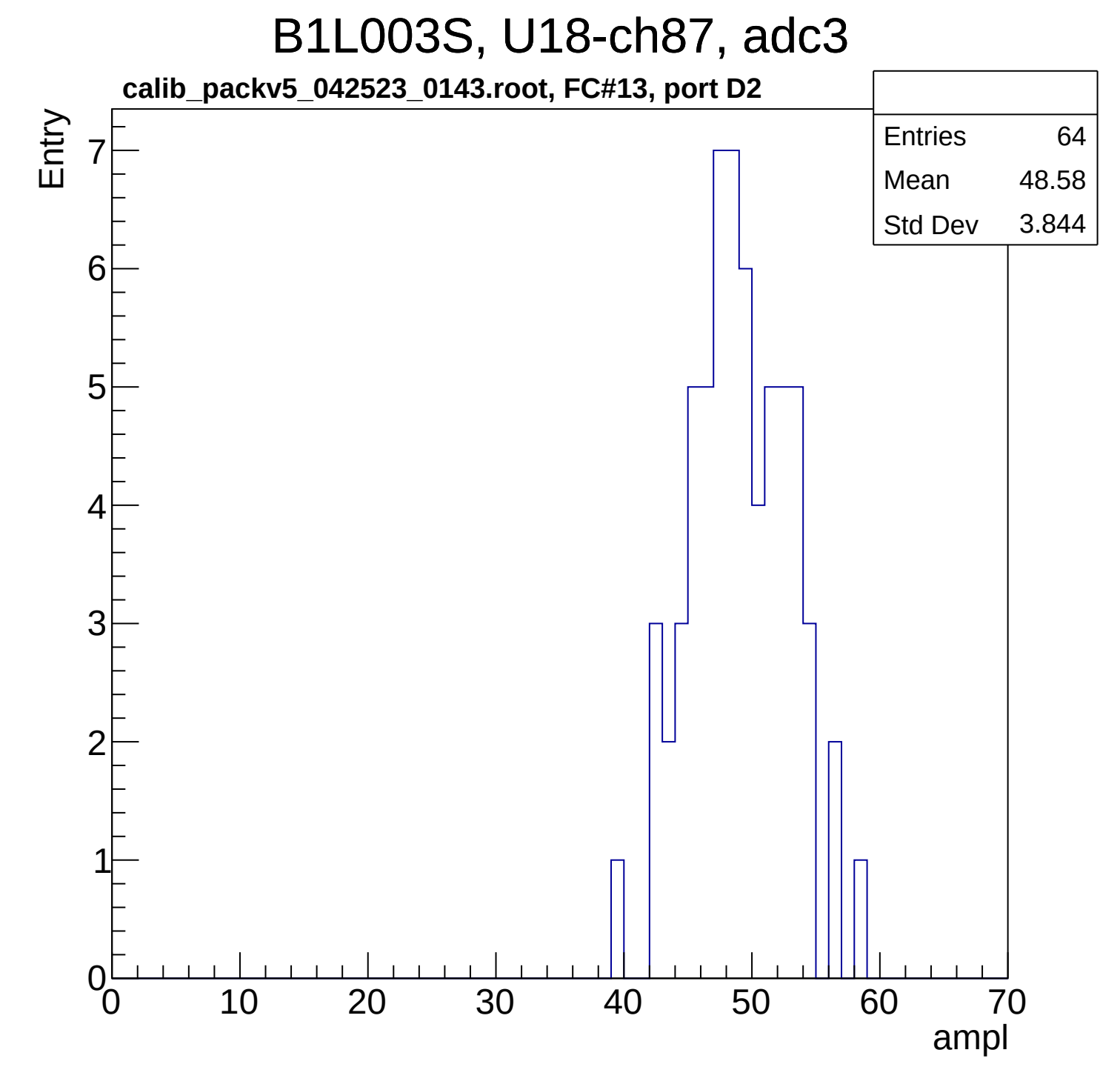

B1L003S, U18-ch86, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 18
Mean 61.72
Std Dev 1.096
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

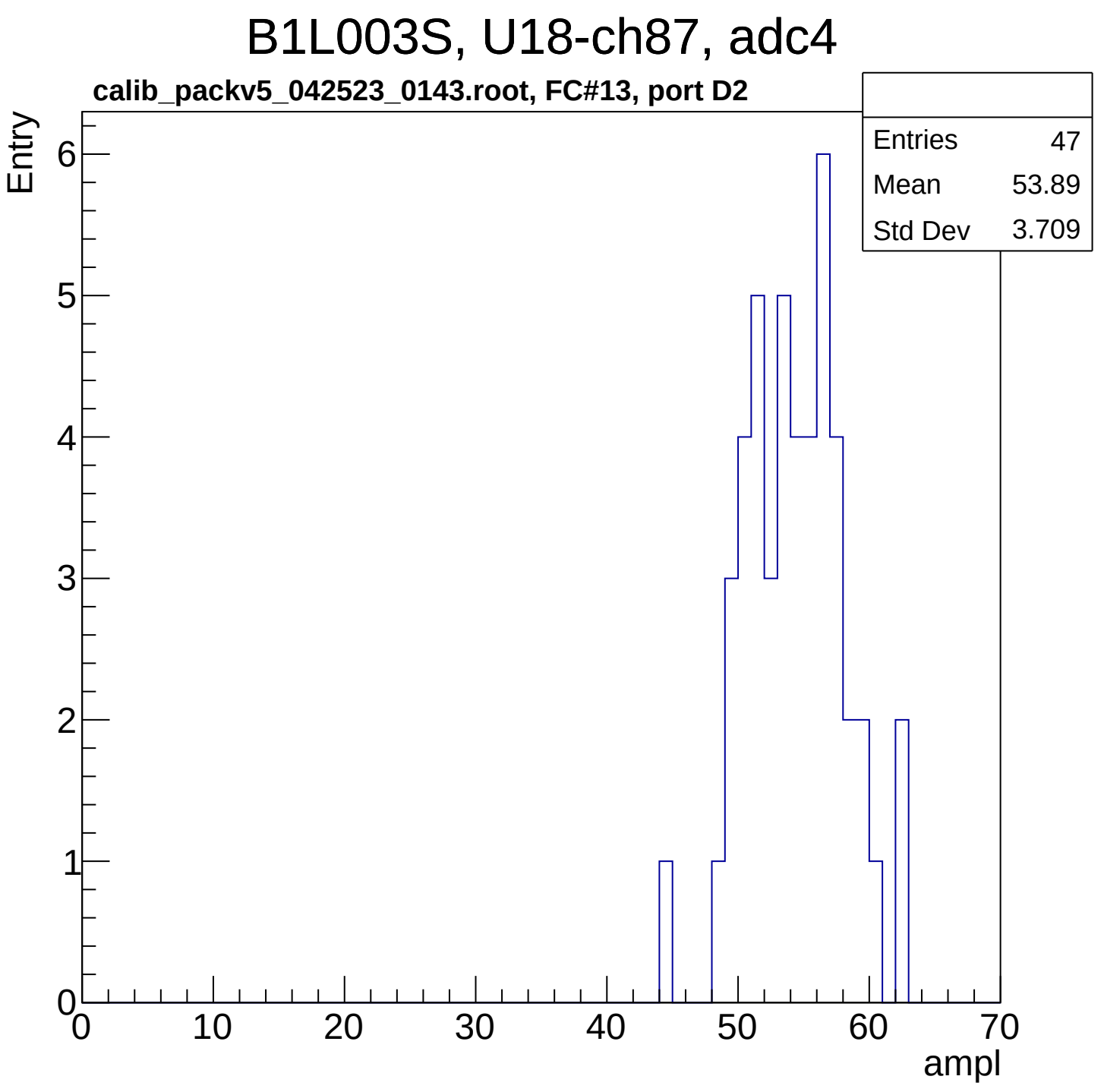

B1L003S, U18-ch86, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 26
Std Dev 26.28
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

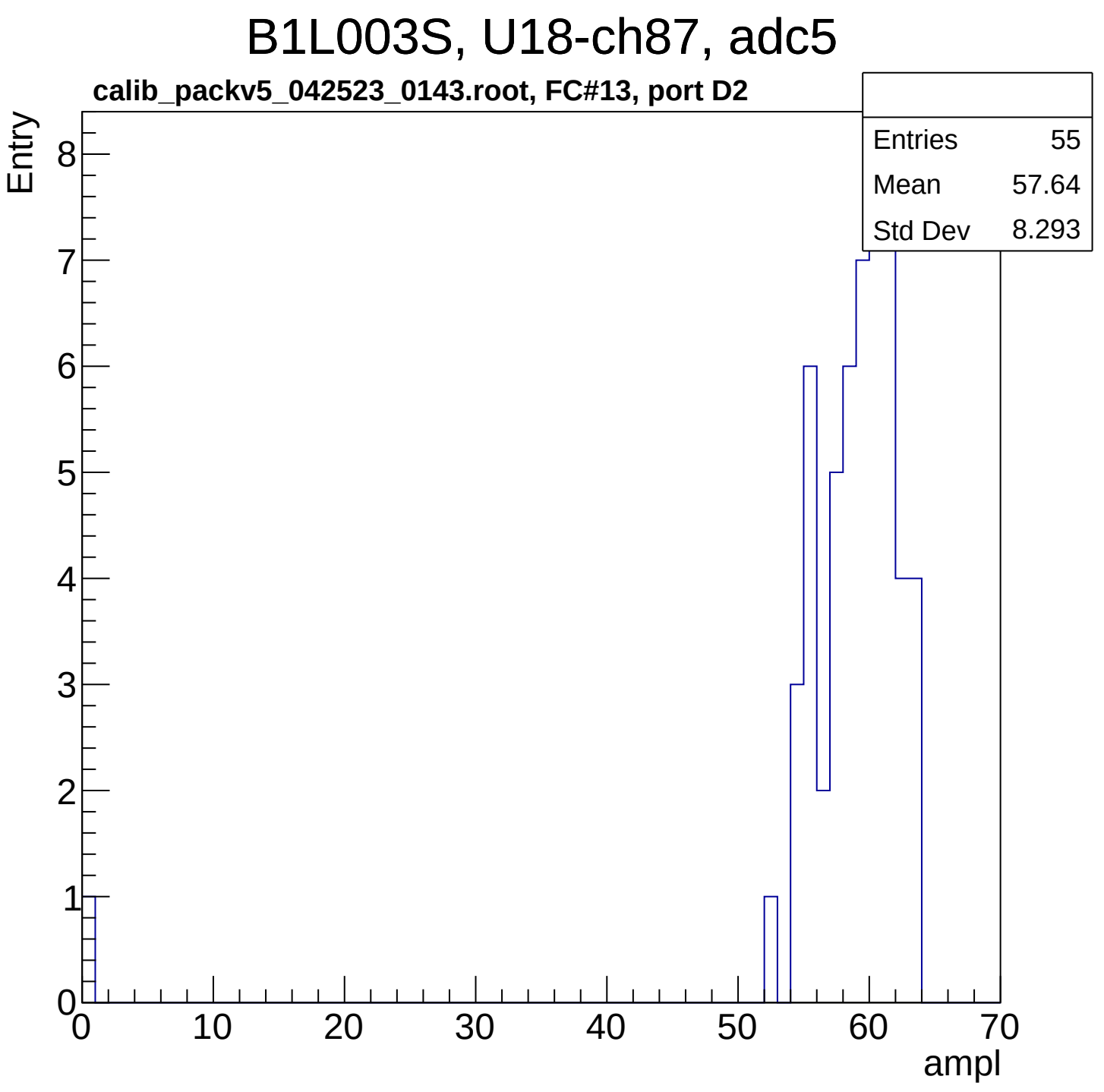

B1L003S, U18-ch87, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 28.34
Std Dev 6.466
Gaus mean : 29.9664
Gaus Width: 3.0819
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

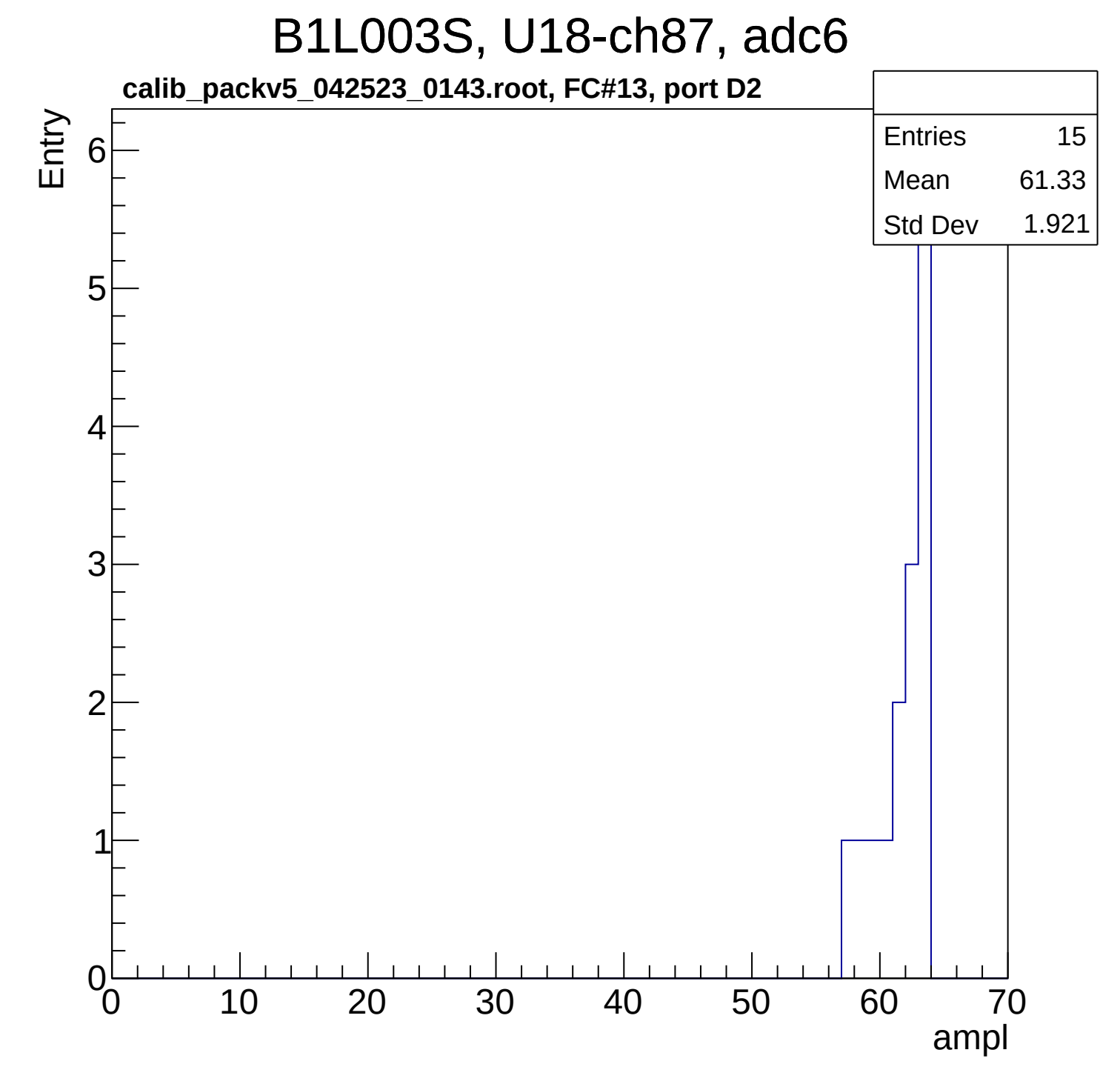

B1L003S, U18-ch87, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 35.56
Std Dev 3.889
Gaus mean : 36.2346
Gaus Width: 3.5483
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

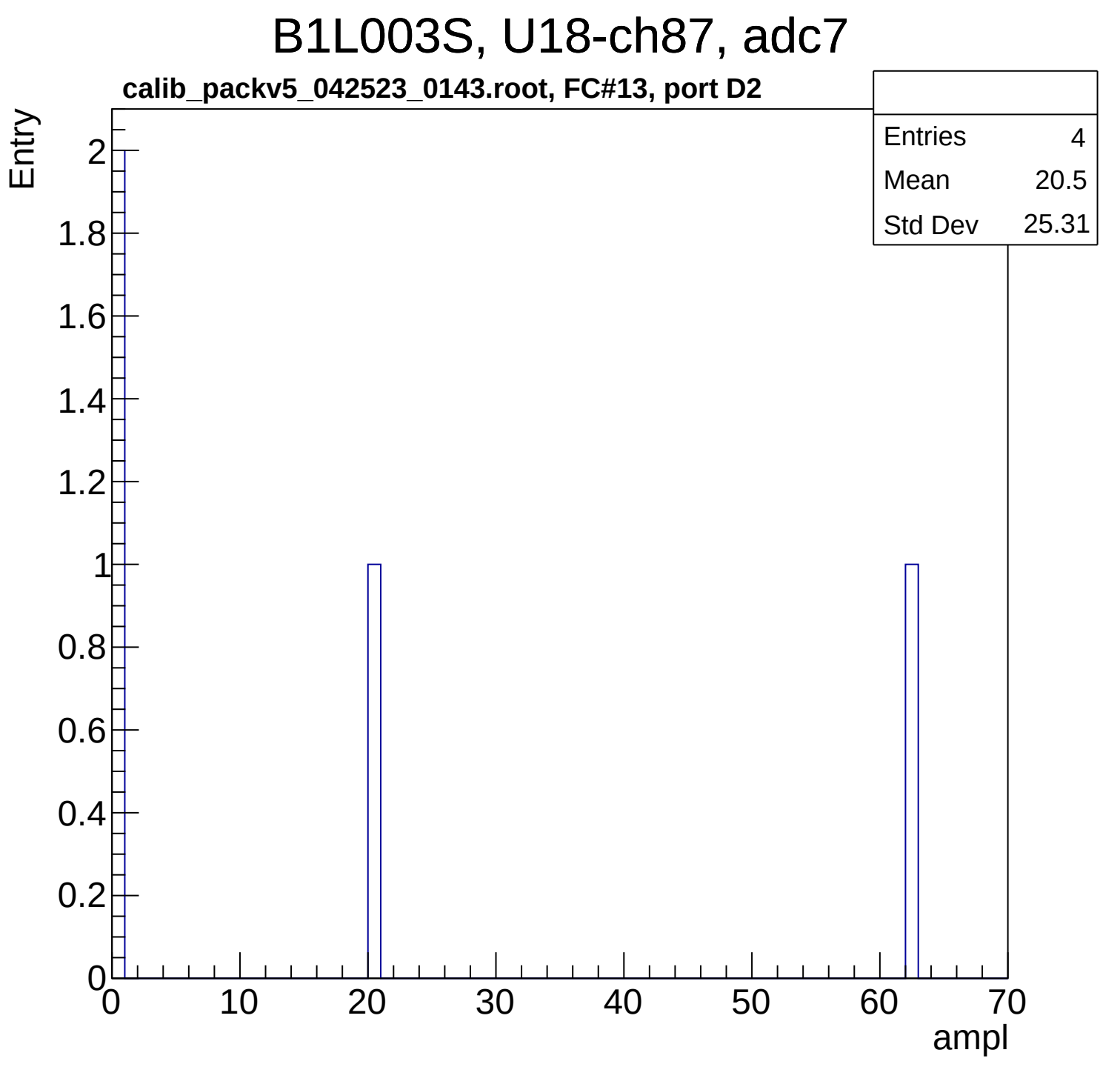

B1L003S, U18-ch87, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 42.67
Std Dev 3.7
Gaus mean : 42.9873
Gaus Width: 3.9311
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

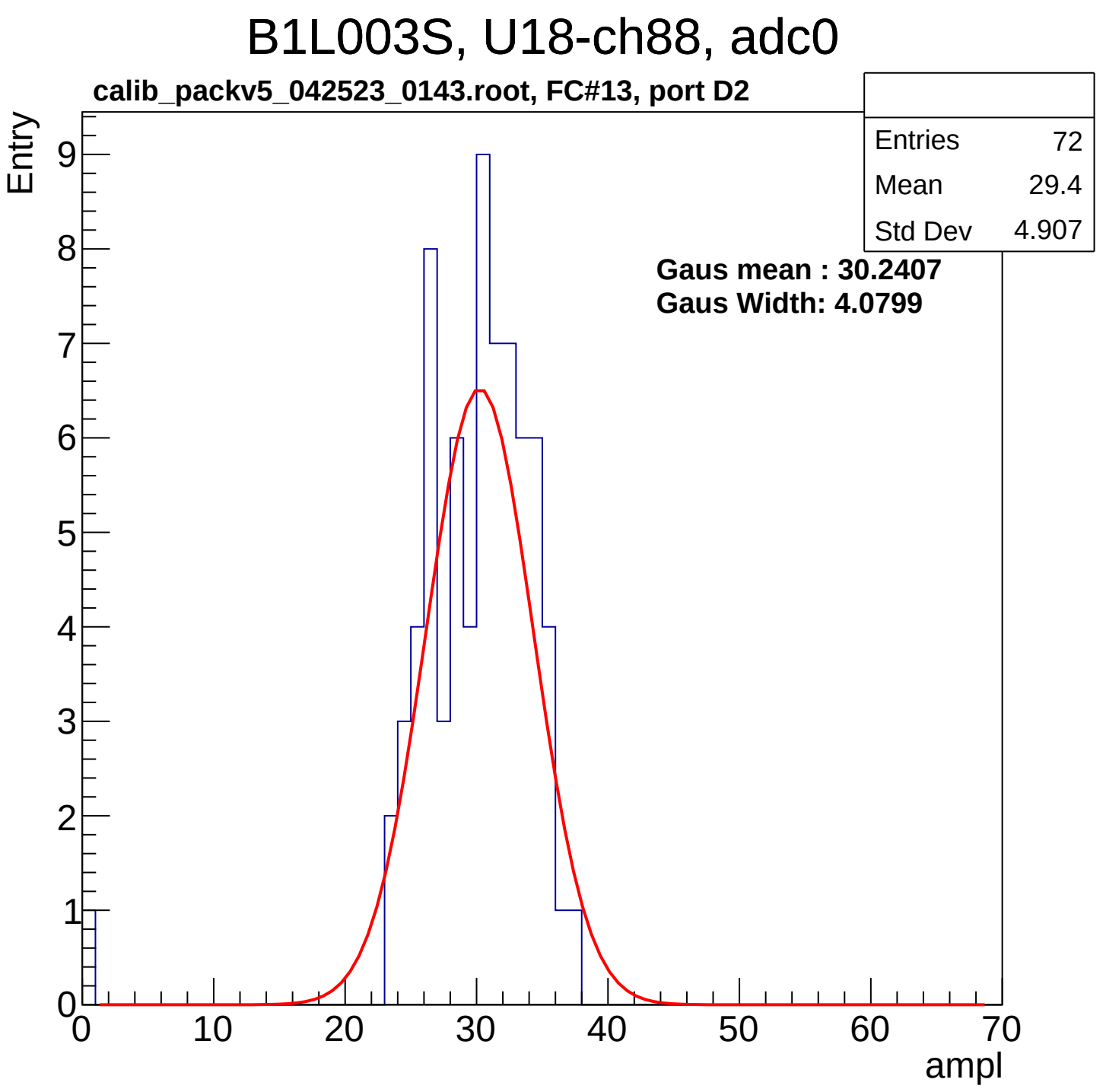

B1L003S, U18-ch87, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 48.58
Std Dev 3.844
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

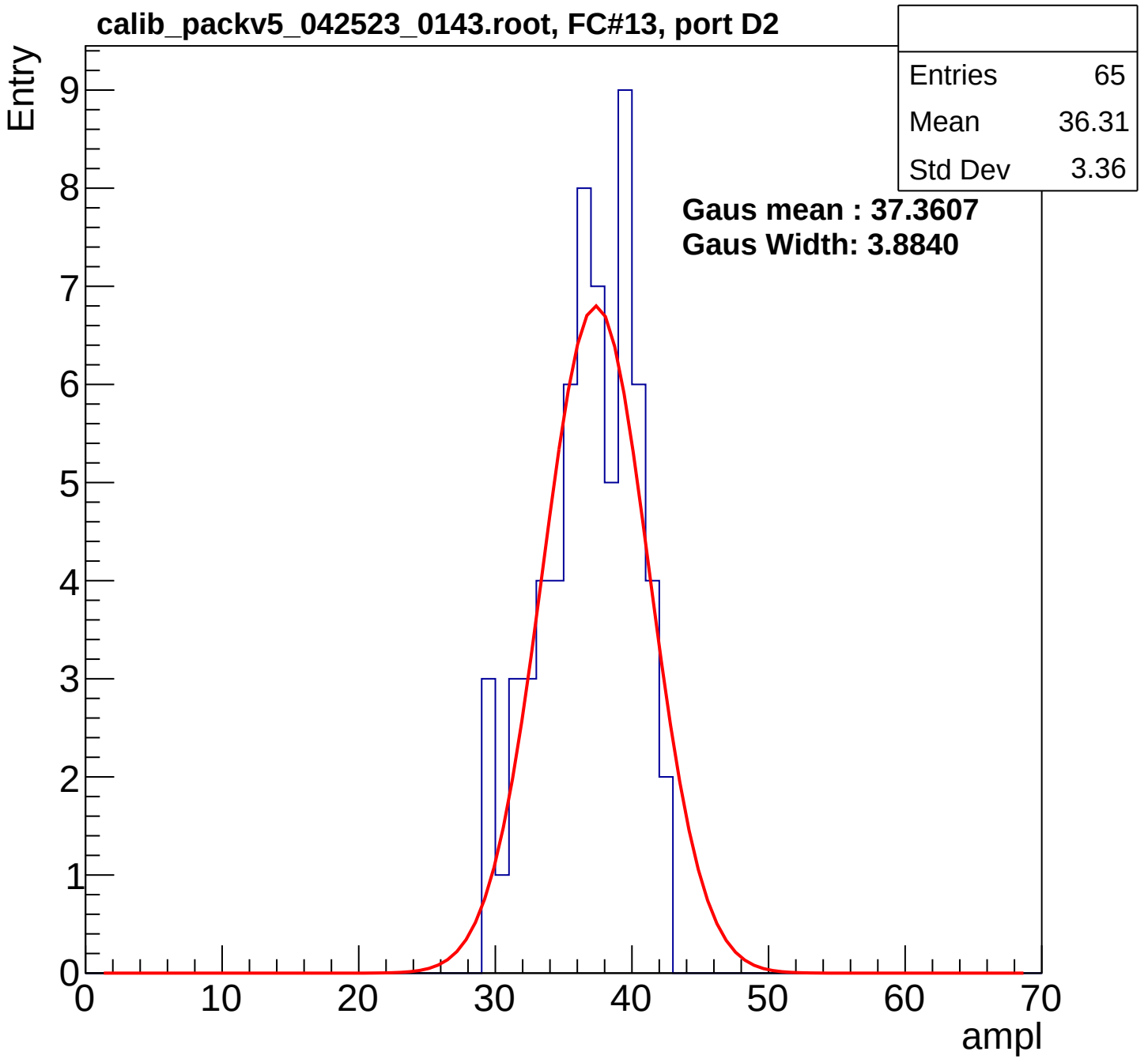

B1L003S, U18-ch87, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 53.89
Std Dev 3.709
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

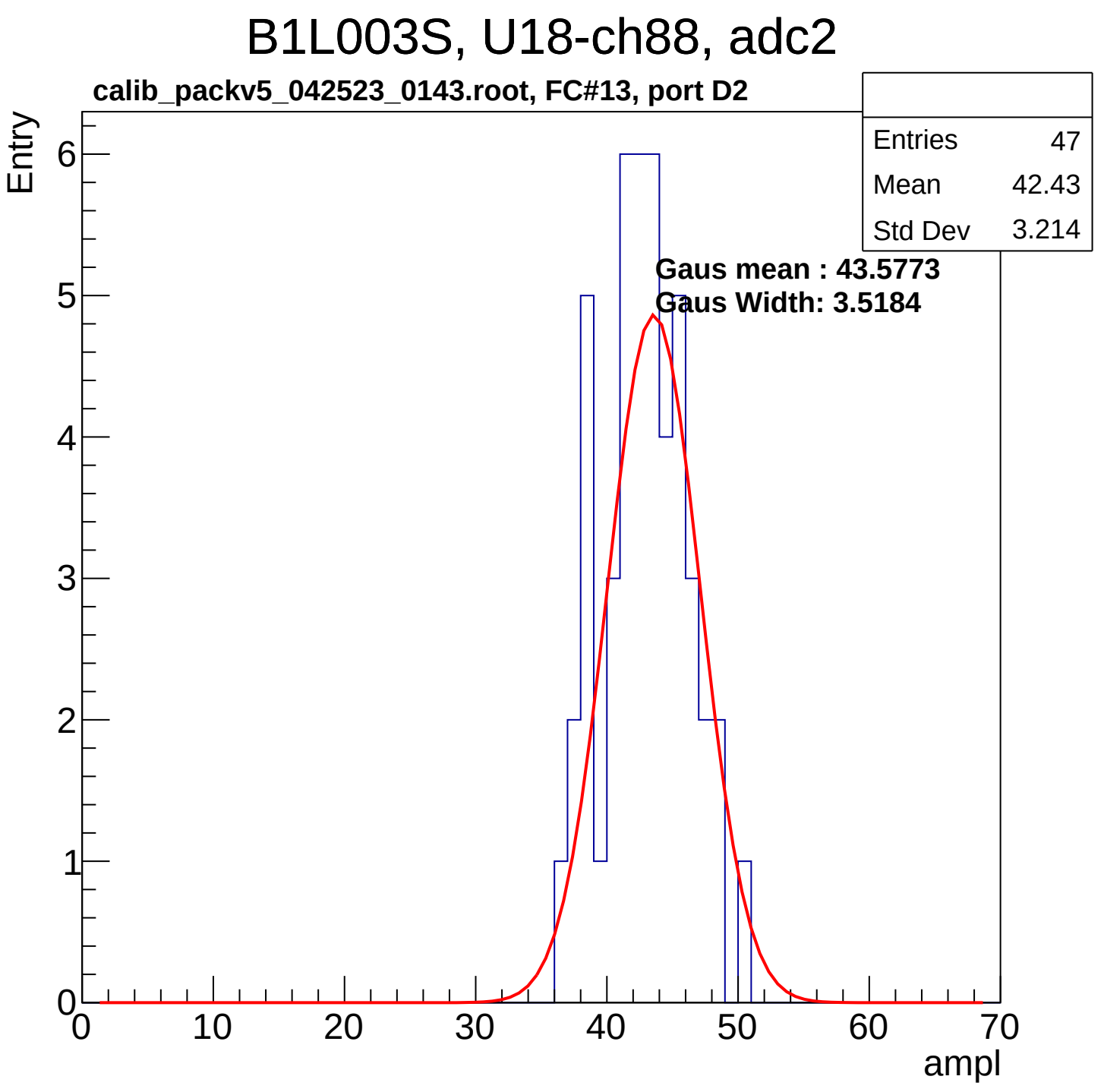

B1L003S, U18-ch87, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 57.64
Std Dev 8.293
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

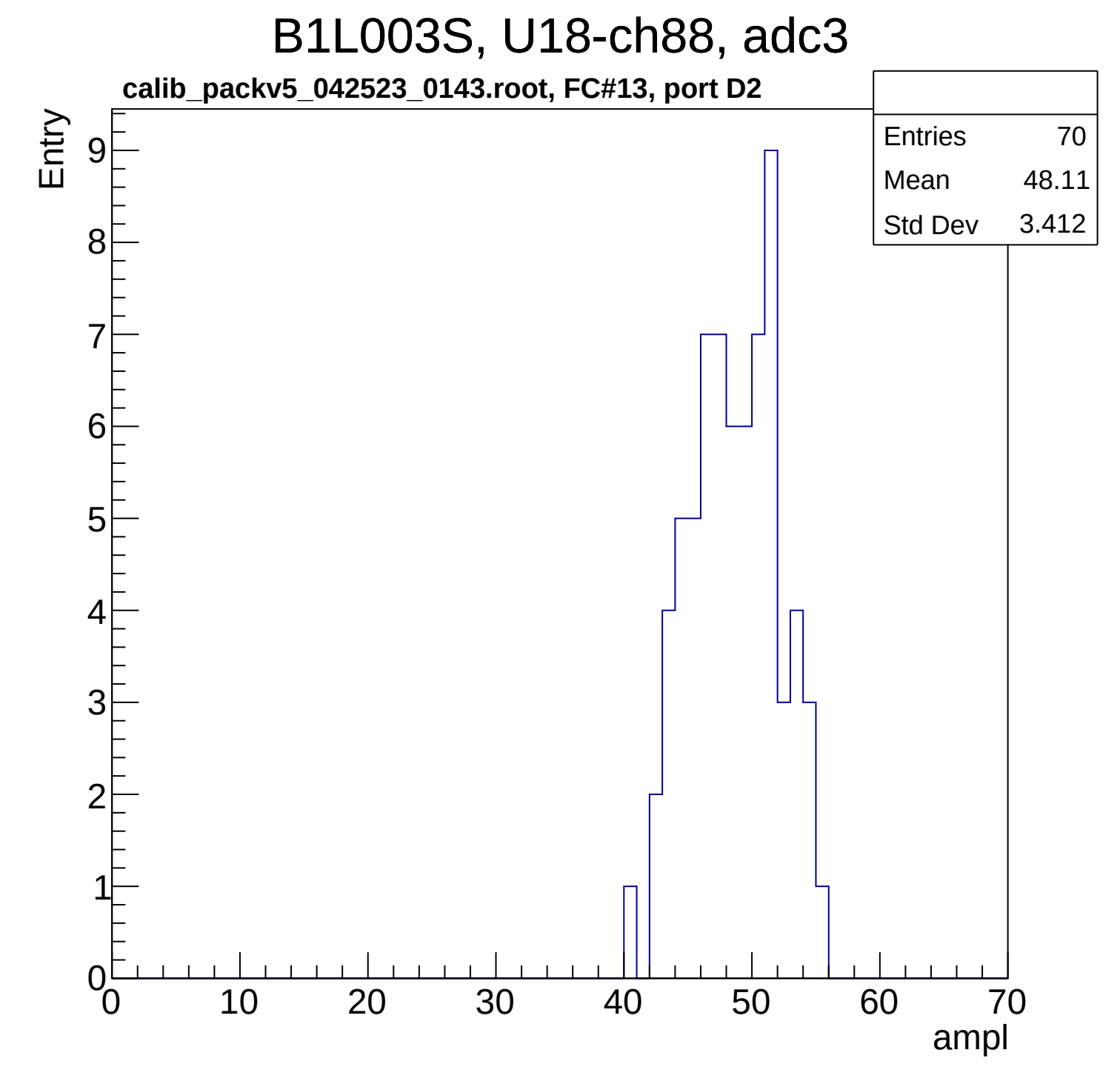

B1L003S, U18-ch87, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 15
Mean 61.33
Std Dev 1.921
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

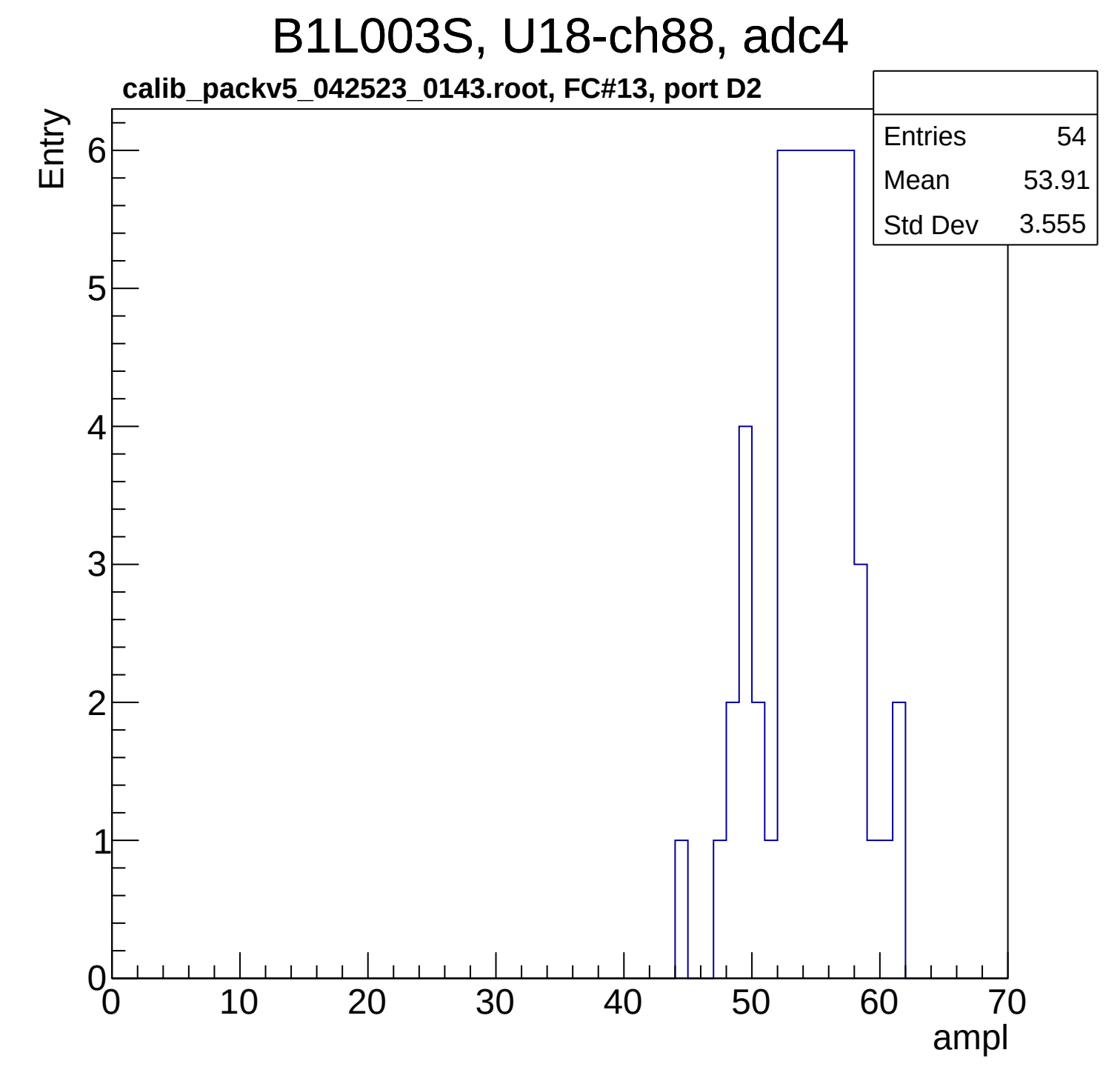

B1L003S, U18-ch87, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 20.5
Std Dev 25.31
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

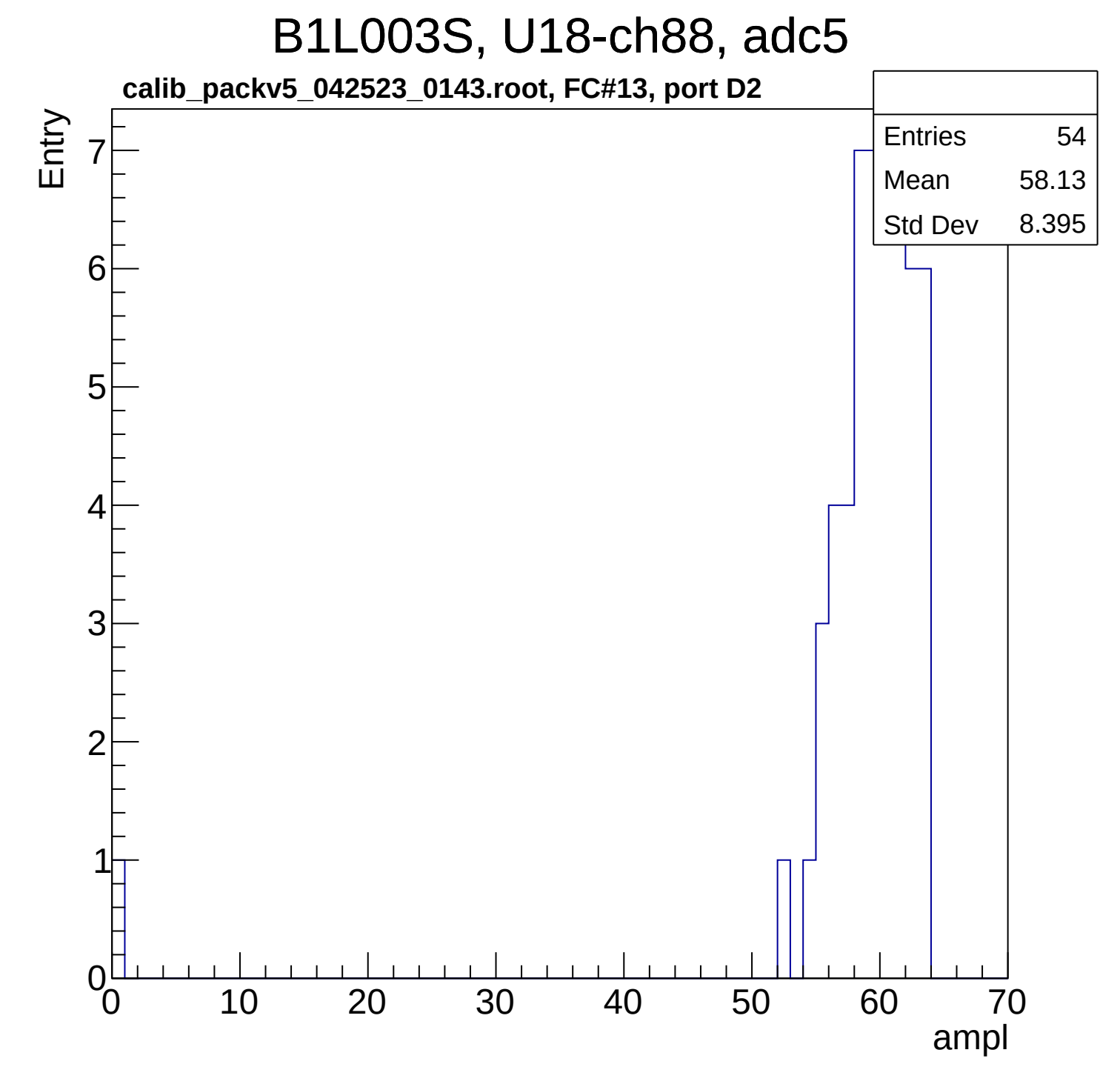

B1L003S, U18-ch88, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 29.4
Std Dev 4.907
Gaus mean : 30.2407
Gaus Width: 4.0799
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

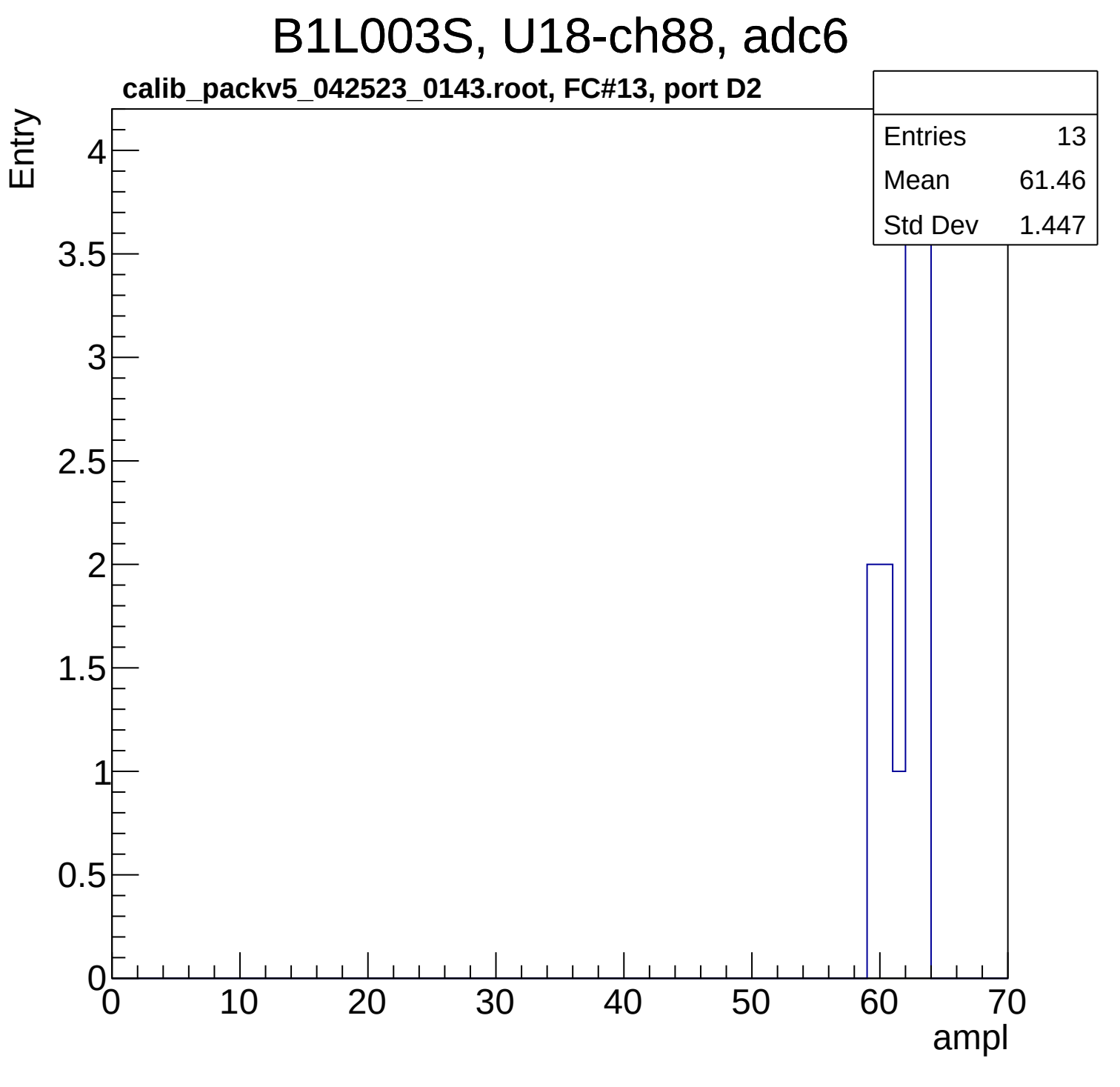

B1L003S, U18-ch88, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 36.31
Std Dev 3.36
Gaus mean : 37.3607
Gaus Width: 3.8840
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

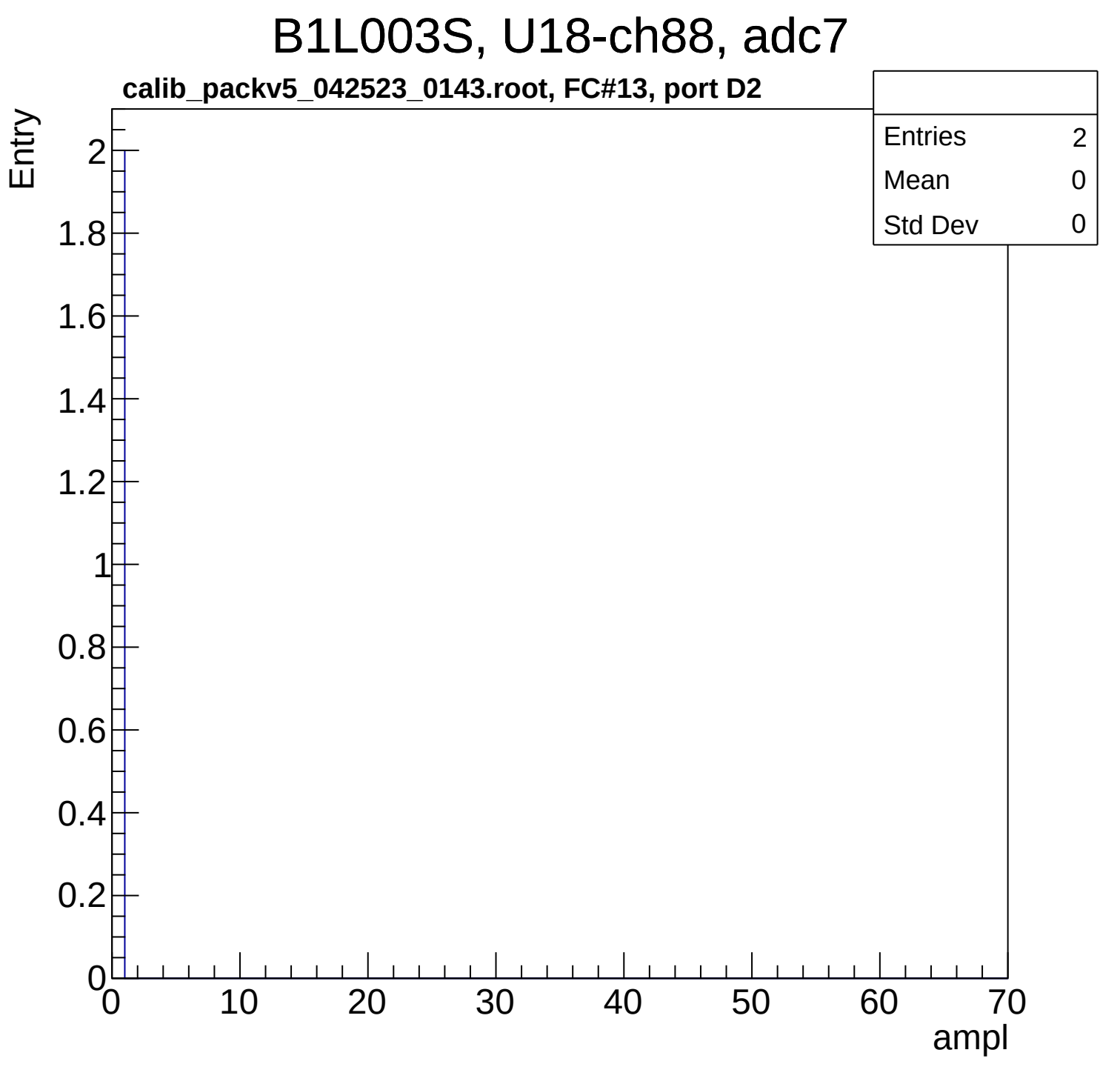

B1L003S, U18-ch88, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 42.43
Std Dev 3.214
Gaus mean : 43.5773
Gaus Width: 3.5184
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

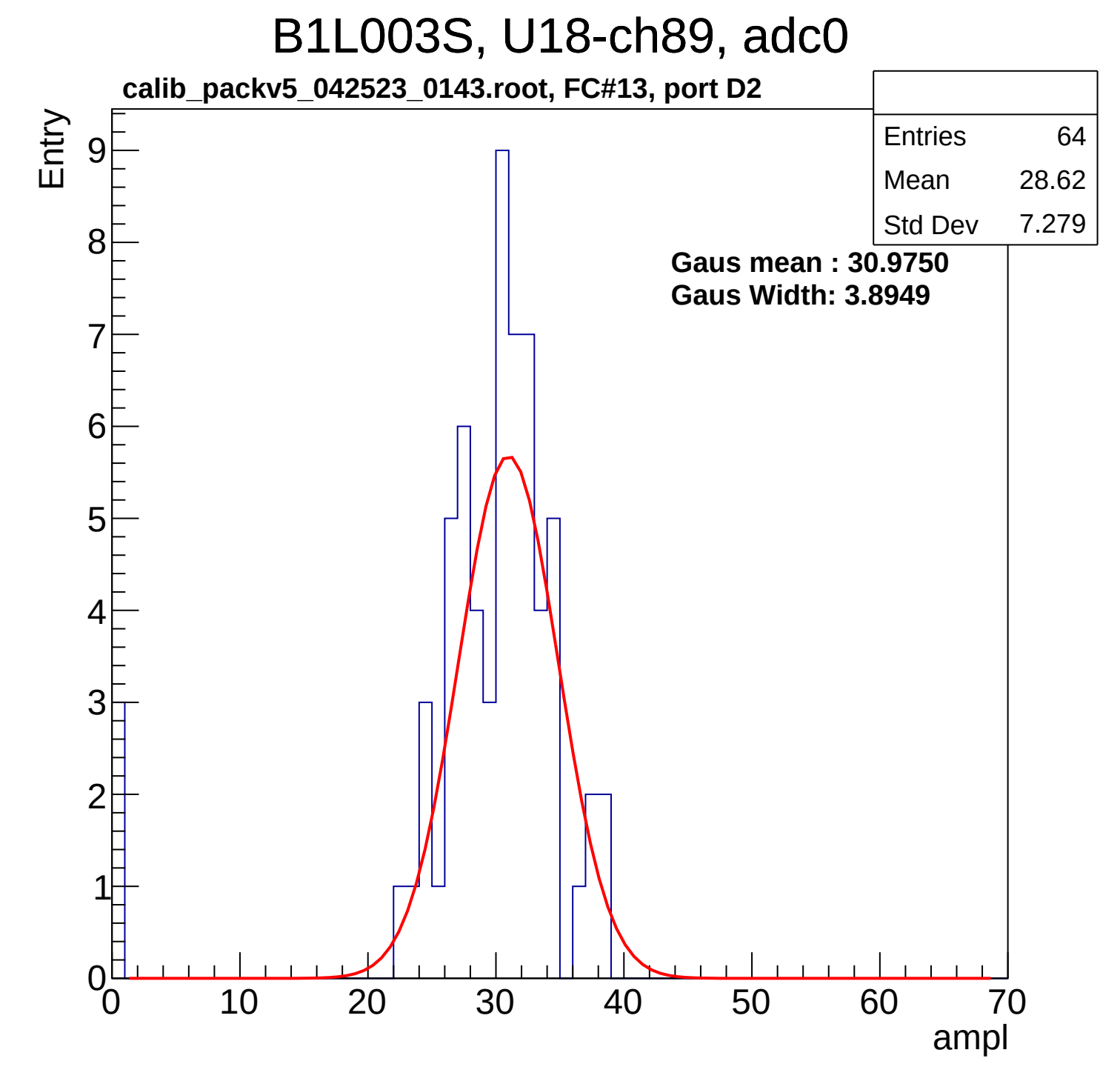

B1L003S, U18-ch88, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 48.11
Std Dev 3.412
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

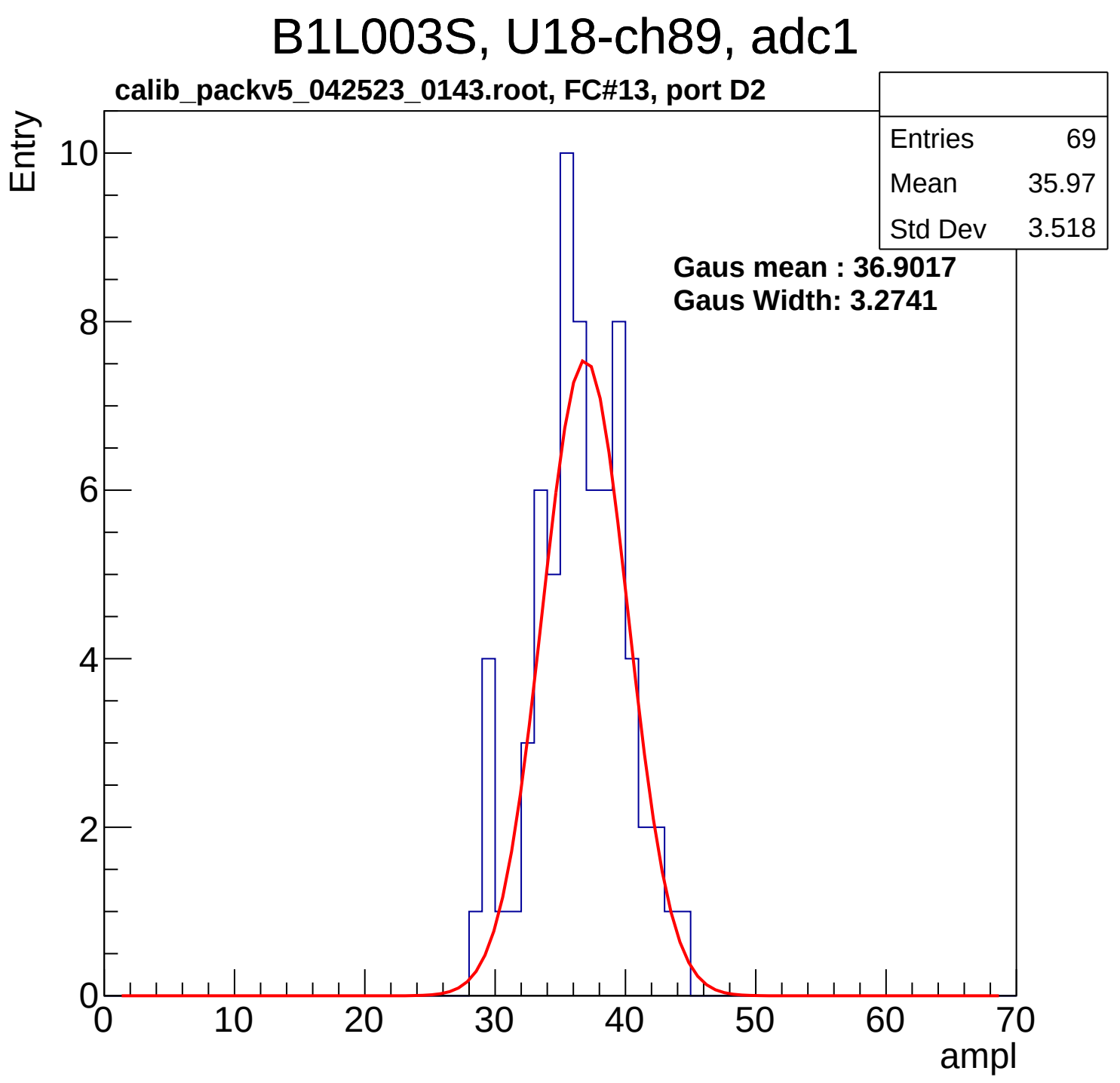

B1L003S, U18-ch88, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 53.91
Std Dev 3.555
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

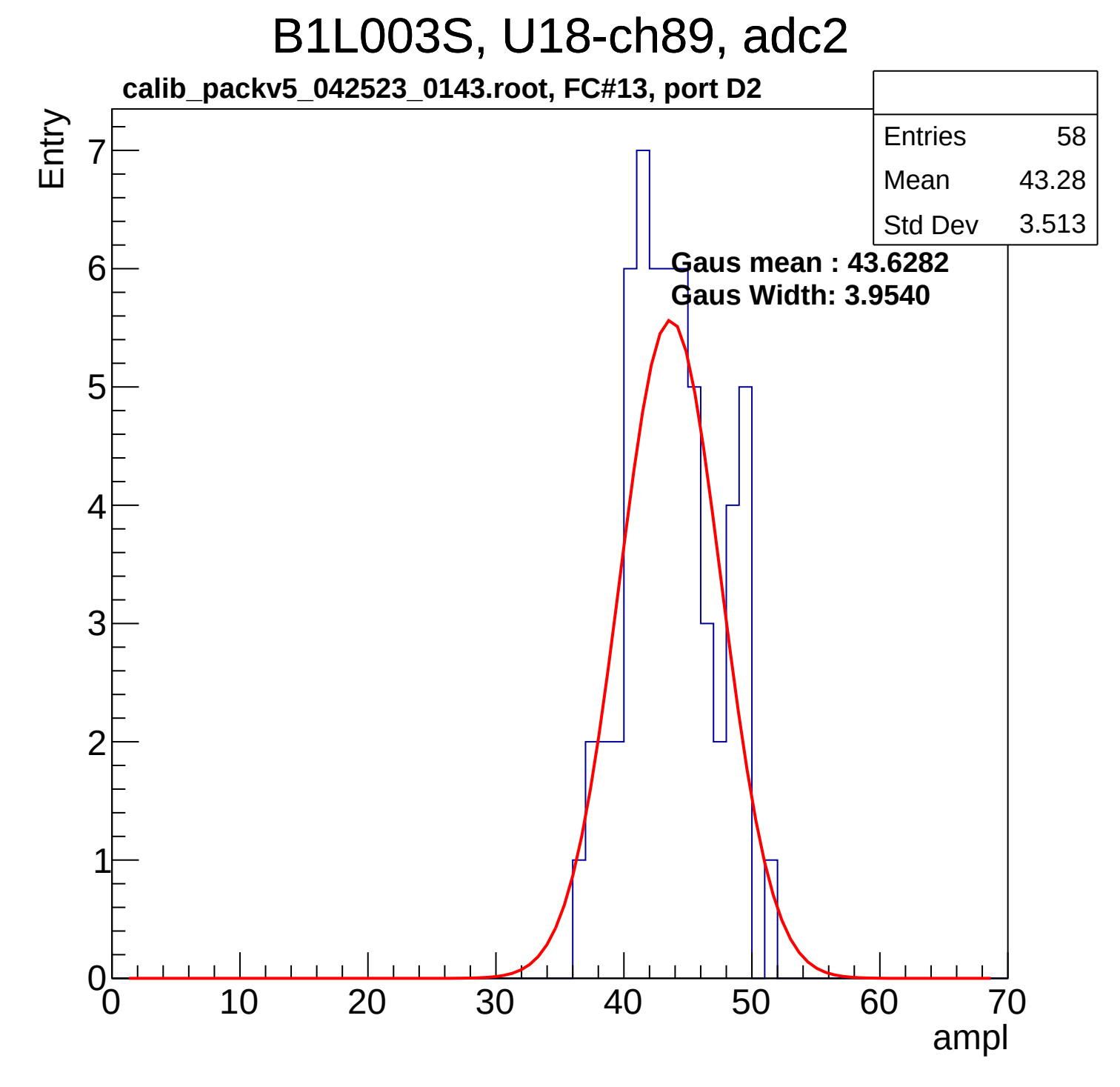

B1L003S, U18-ch88, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.13
Std Dev 8.395
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

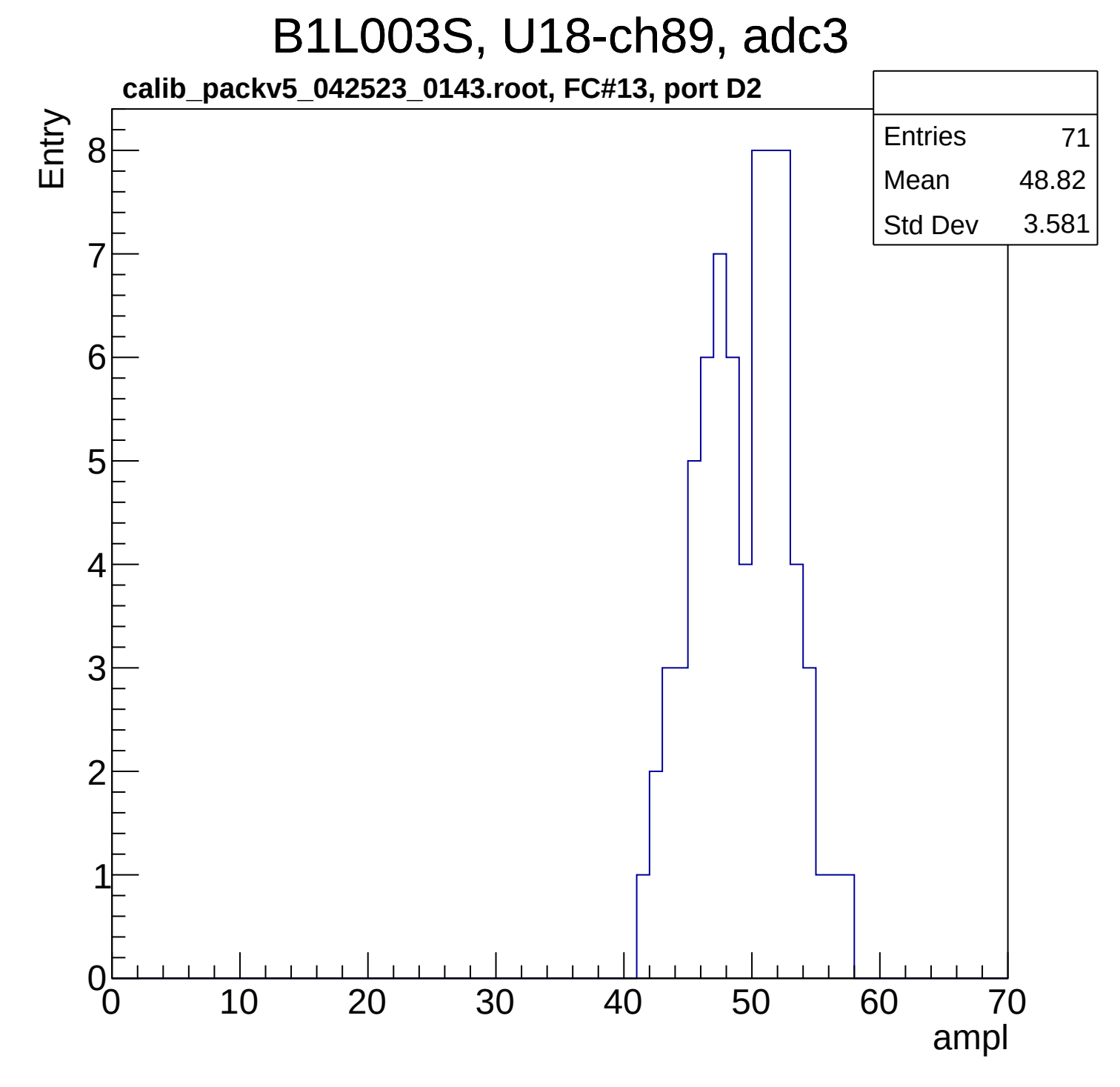

B1L003S, U18-ch88, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 61.46
Std Dev 1.447
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

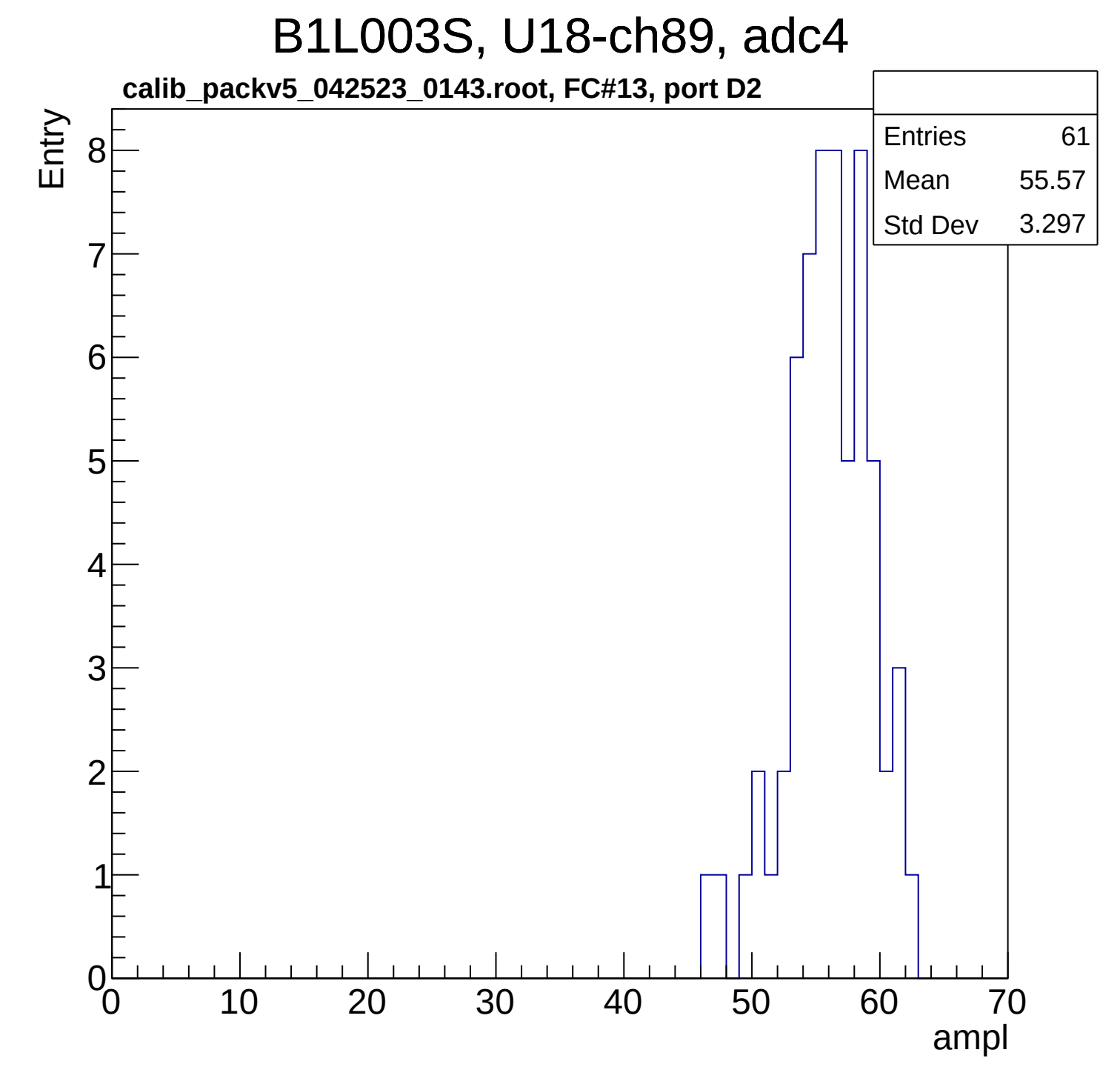

B1L003S, U18-ch88, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

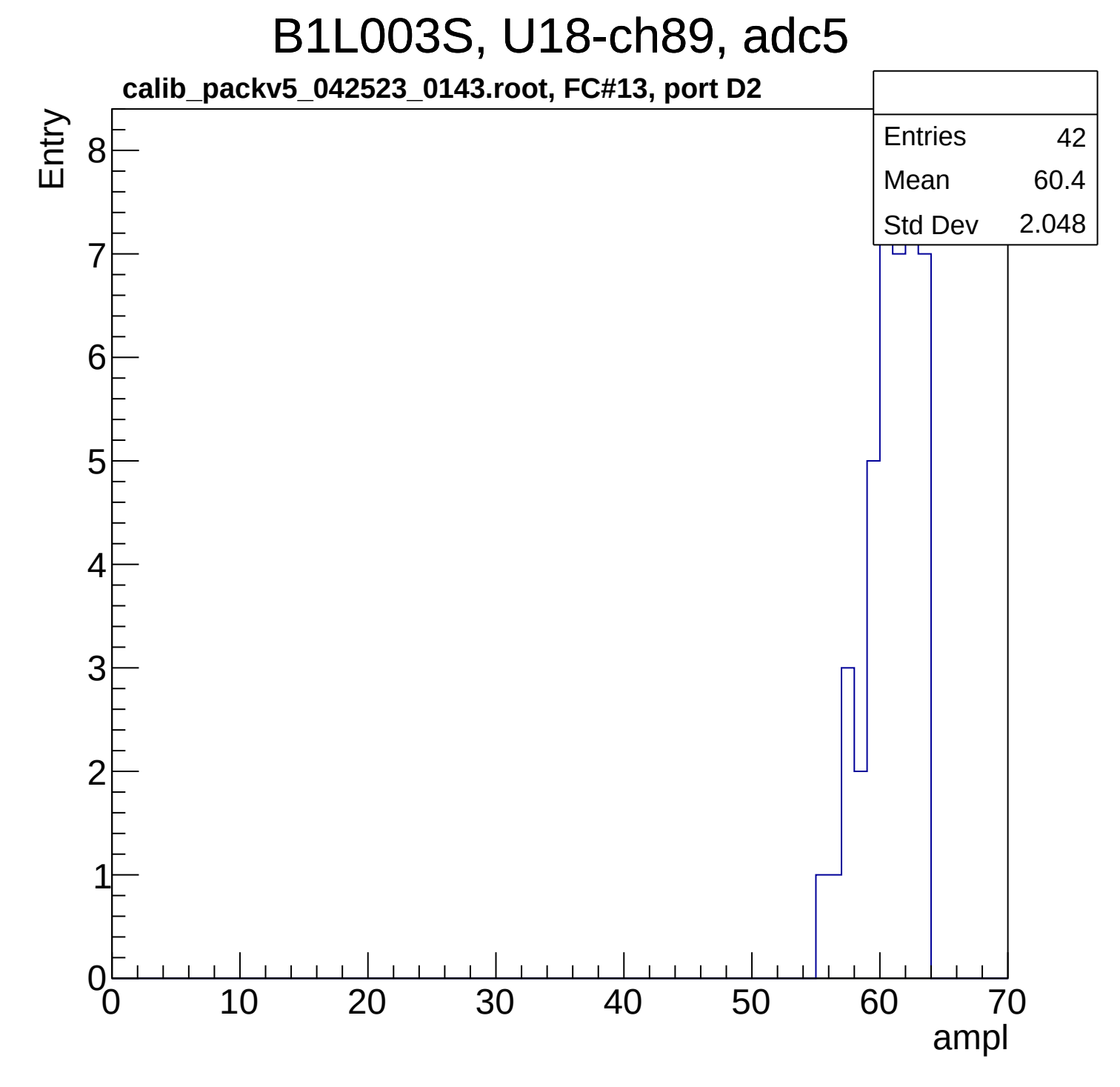

B1L003S, U18-ch89, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 28.62
Std Dev 7.279
Gaus mean : 30.9750
Gaus Width: 3.8949
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

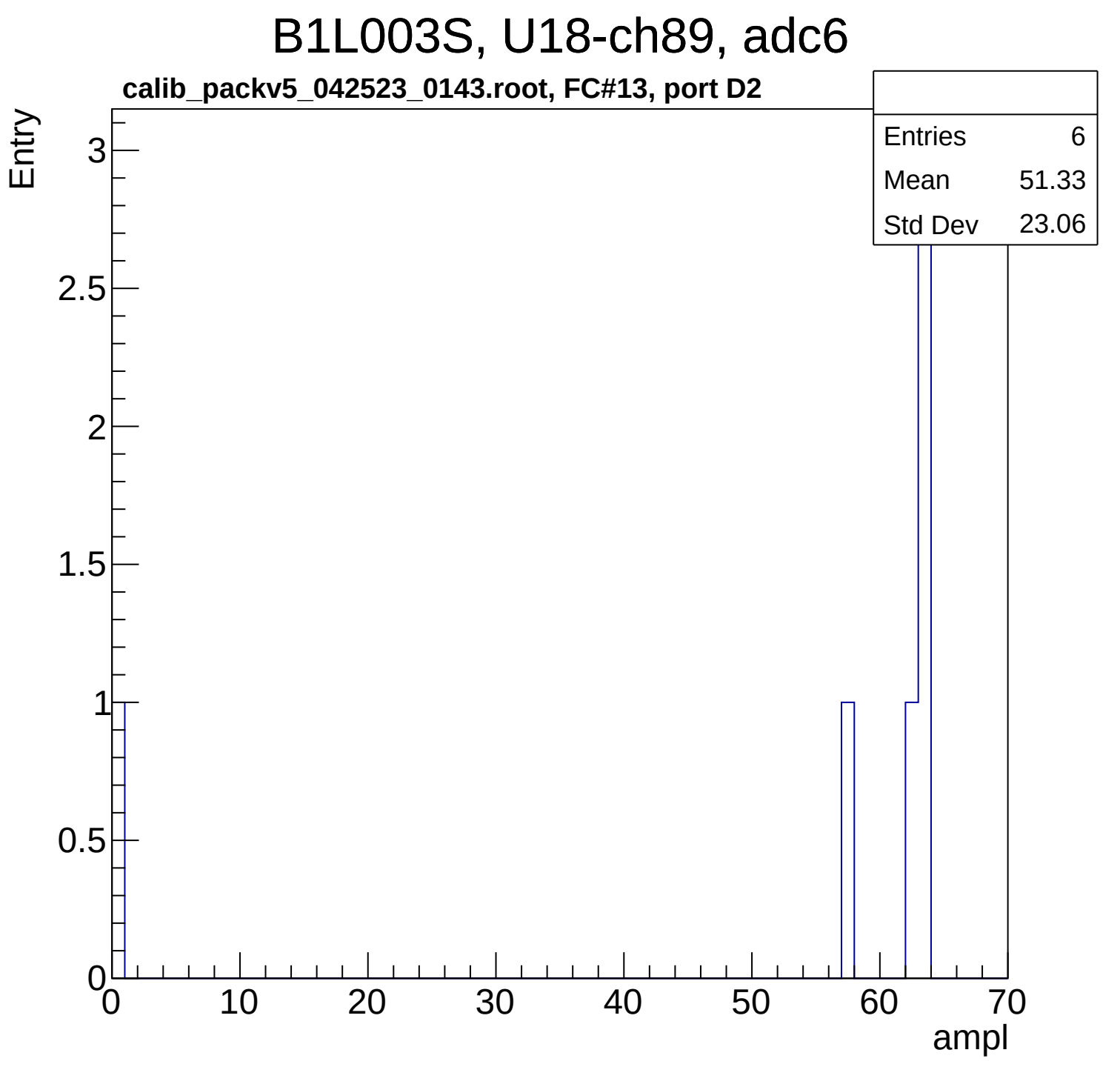

B1L003S, U18-ch89, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 35.97
Std Dev 3.518
Gaus mean : 36.9017
Gaus Width: 3.2741
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

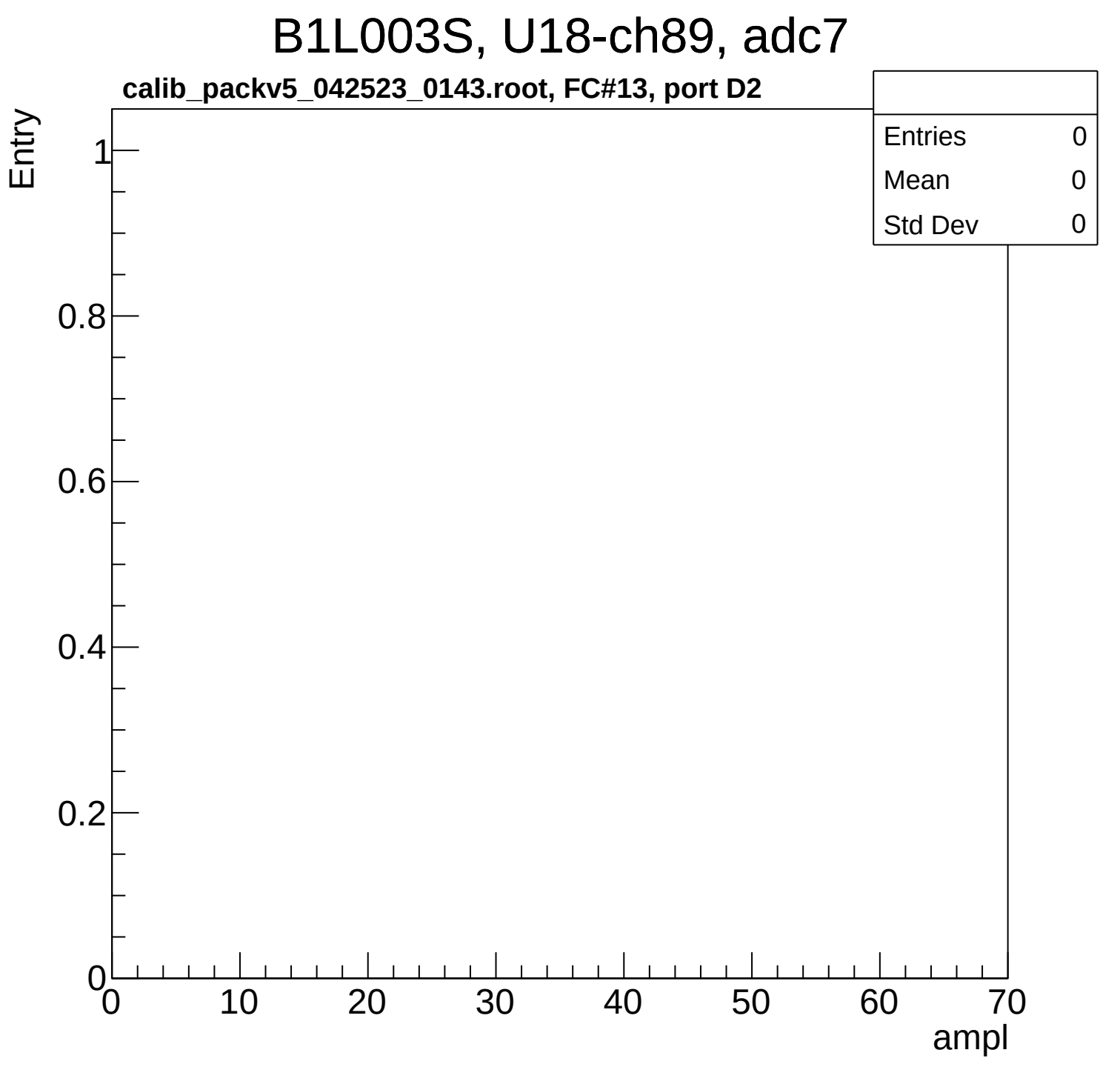

B1L003S, U18-ch89, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 43.28
Std Dev 3.513
Gaus mean : 43.6282
Gaus Width: 3.9540
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

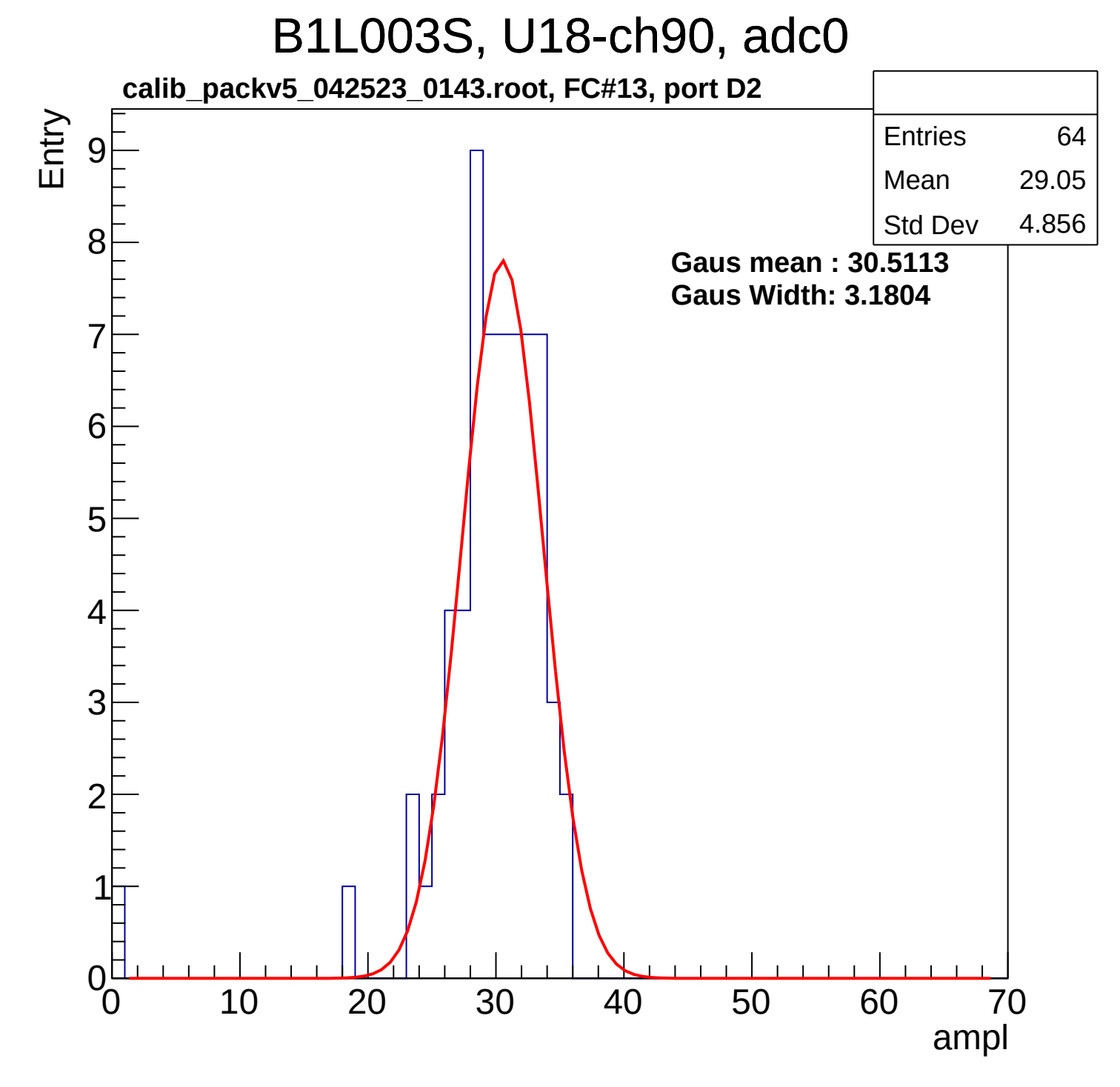

B1L003S, U18-ch89, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 48.82
Std Dev 3.581
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

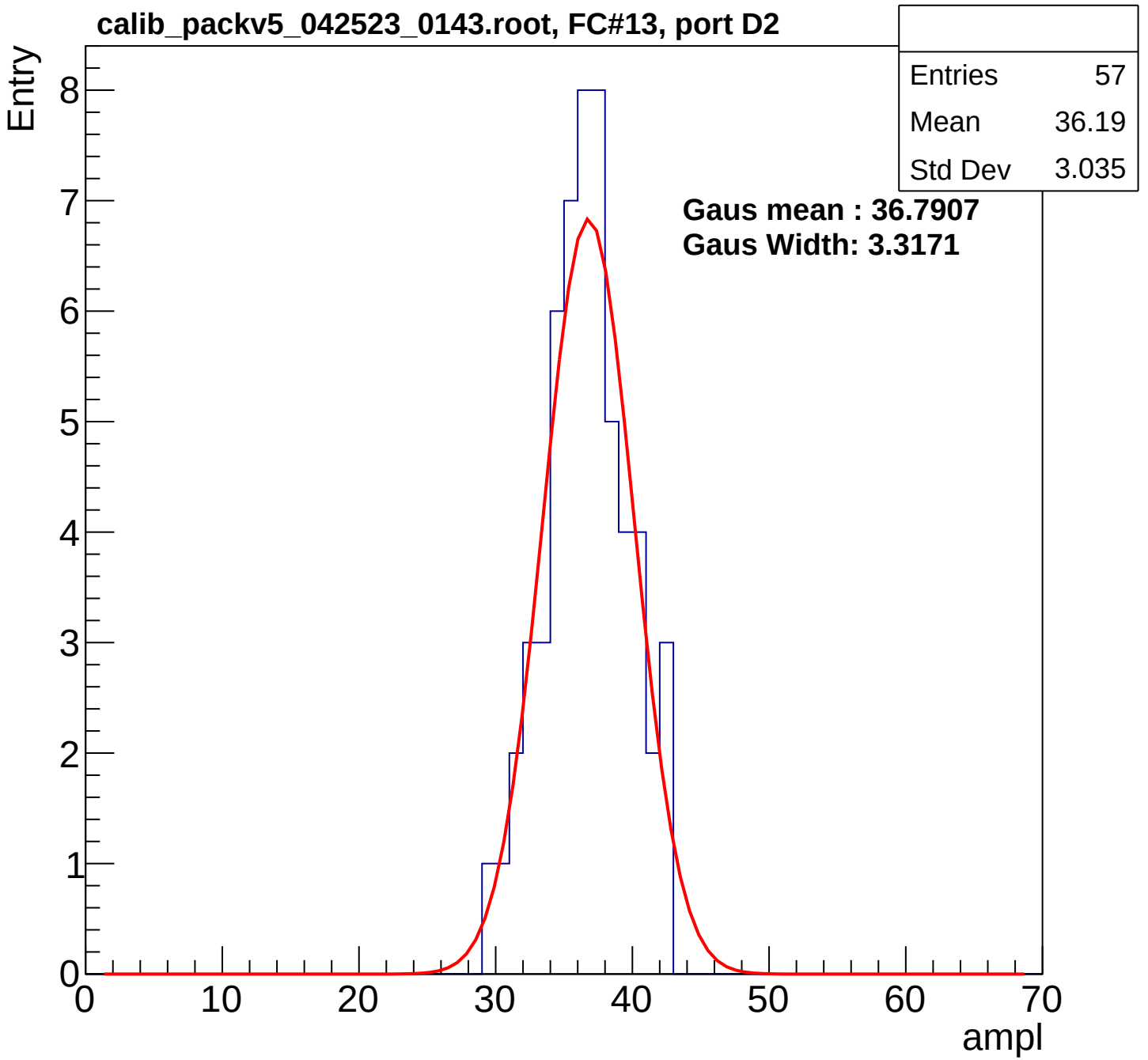

B1L003S, U18-ch89, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 55.57
Std Dev 3.297
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

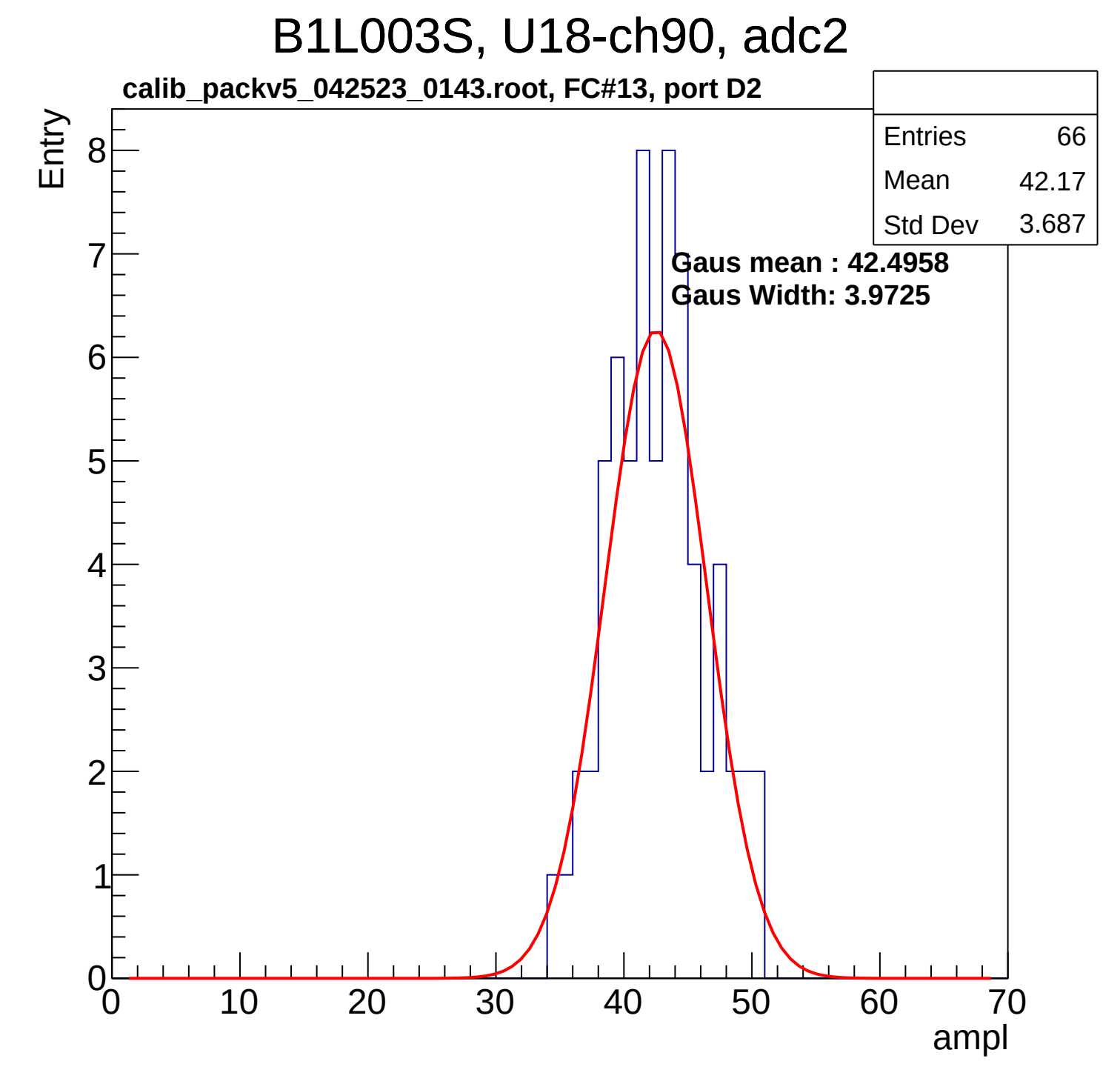

B1L003S, U18-ch89, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 60.4
Std Dev 2.048
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

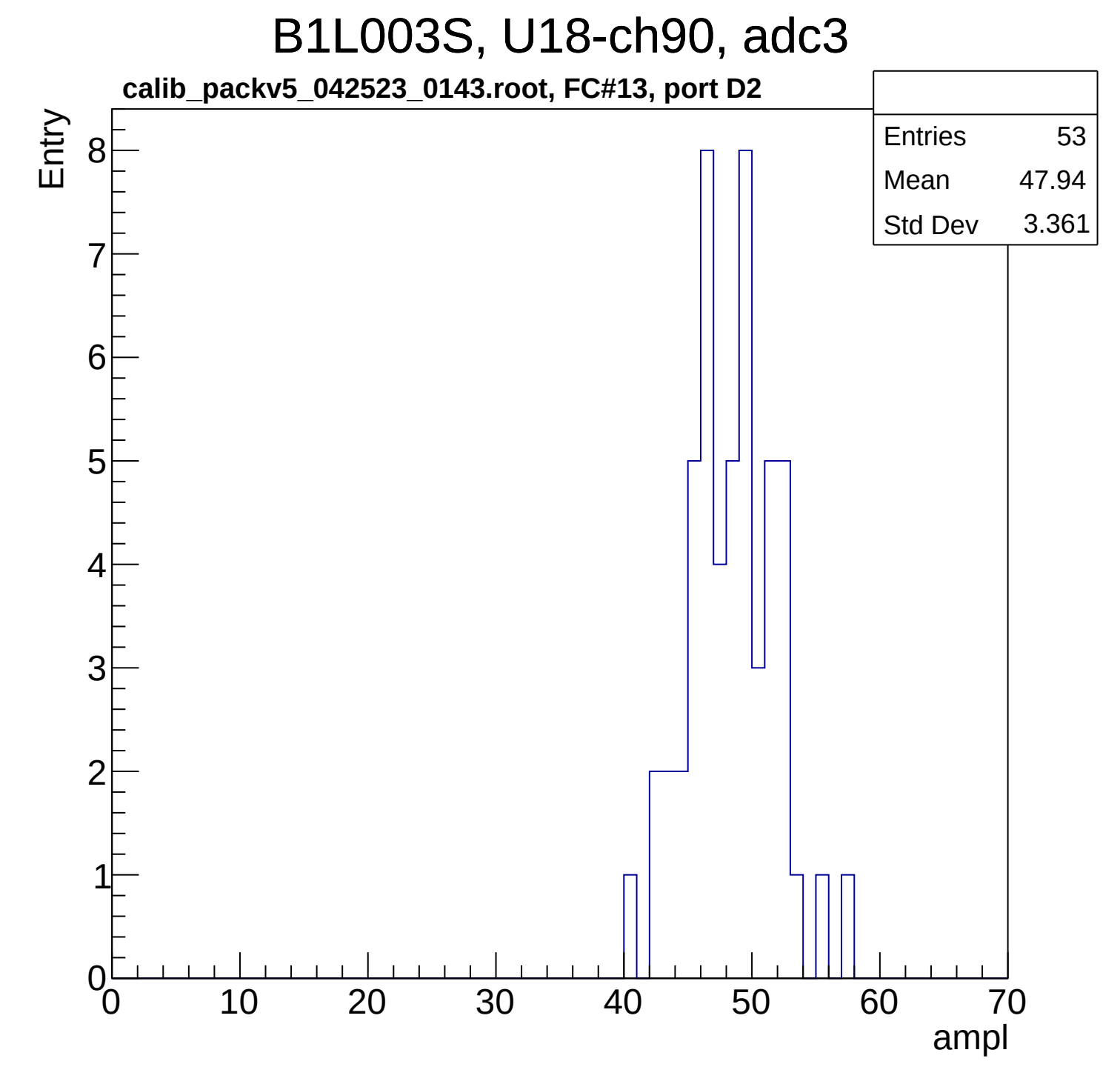

B1L003S, U18-ch89, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 51.33
Std Dev 23.06
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

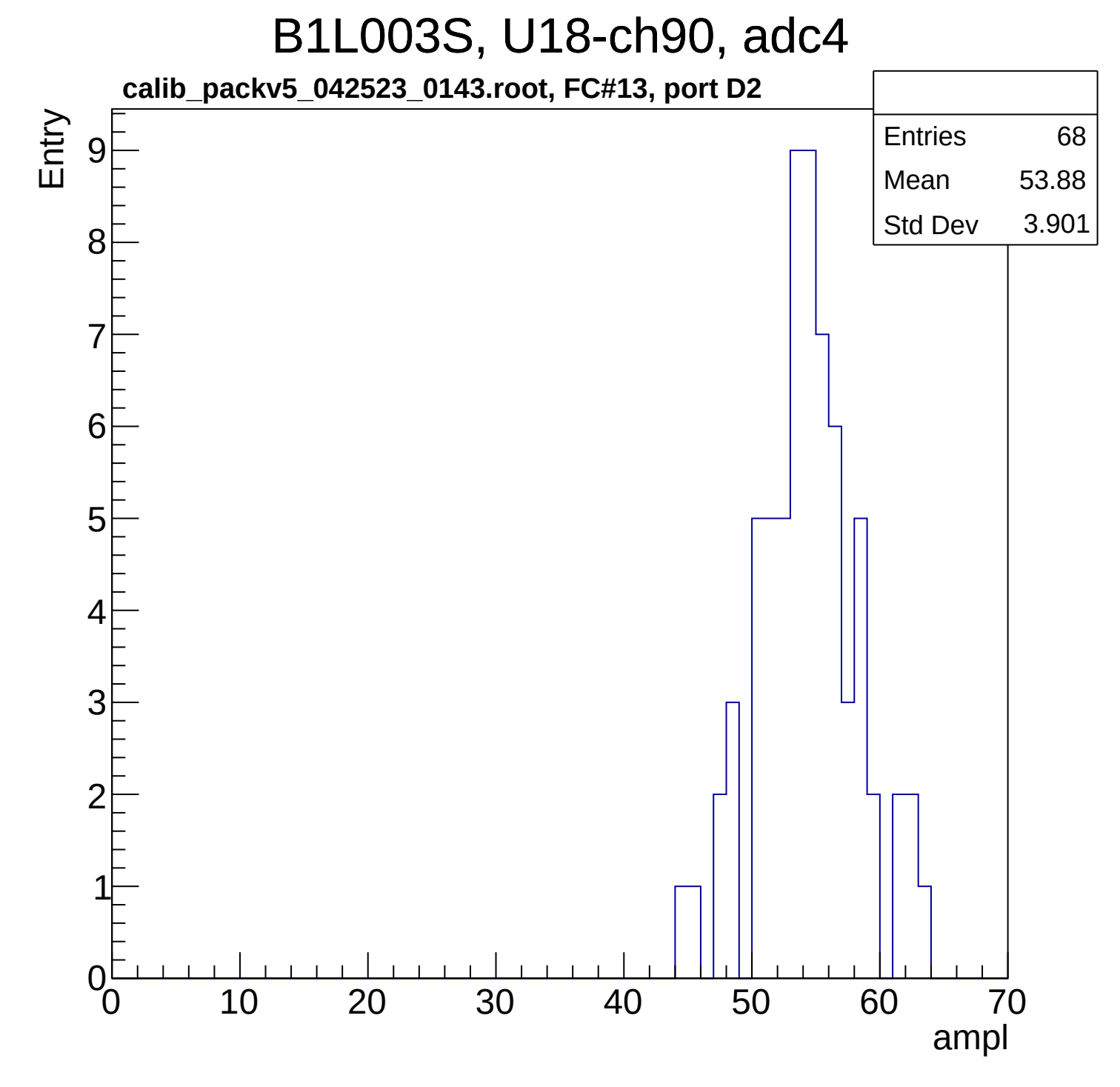

B1L003S, U18-ch89, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

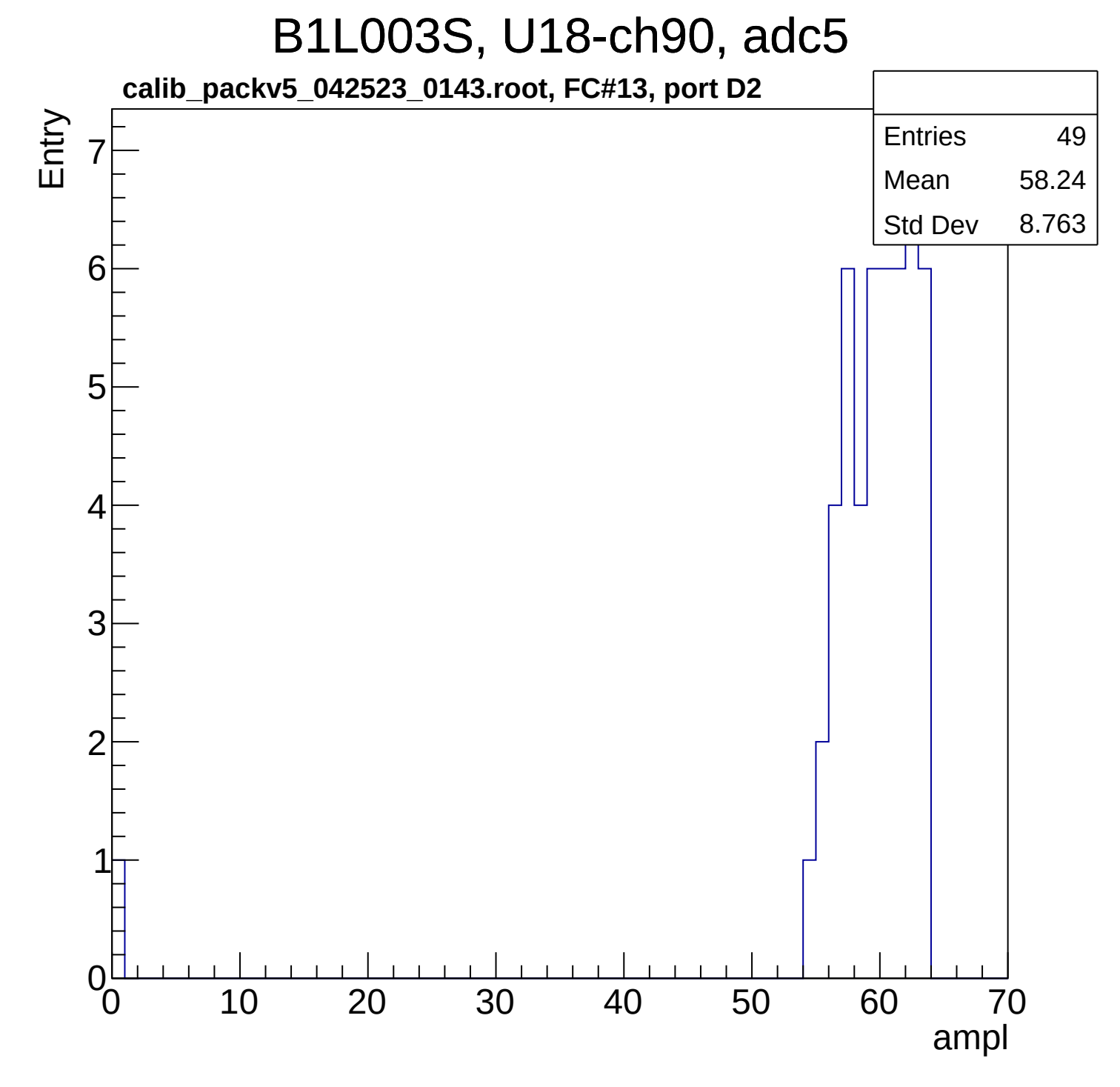

B1L003S, U18-ch90, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 29.05
Std Dev 4.856
Gaus mean : 30.5113
Gaus Width: 3.1804
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

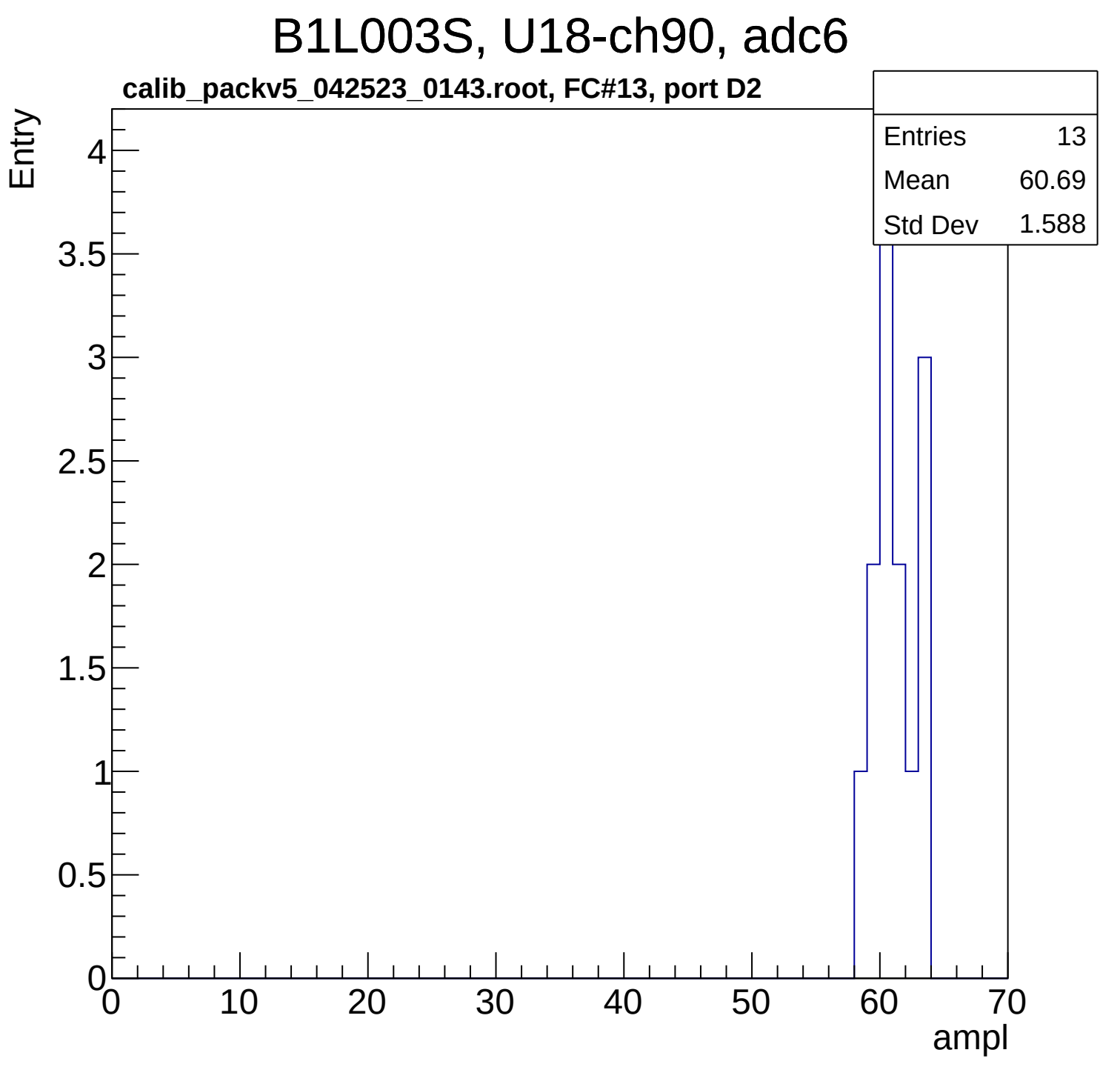

B1L003S, U18-ch90, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 36.19
Std Dev 3.035
Gaus mean : 36.7907
Gaus Width: 3.3171
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

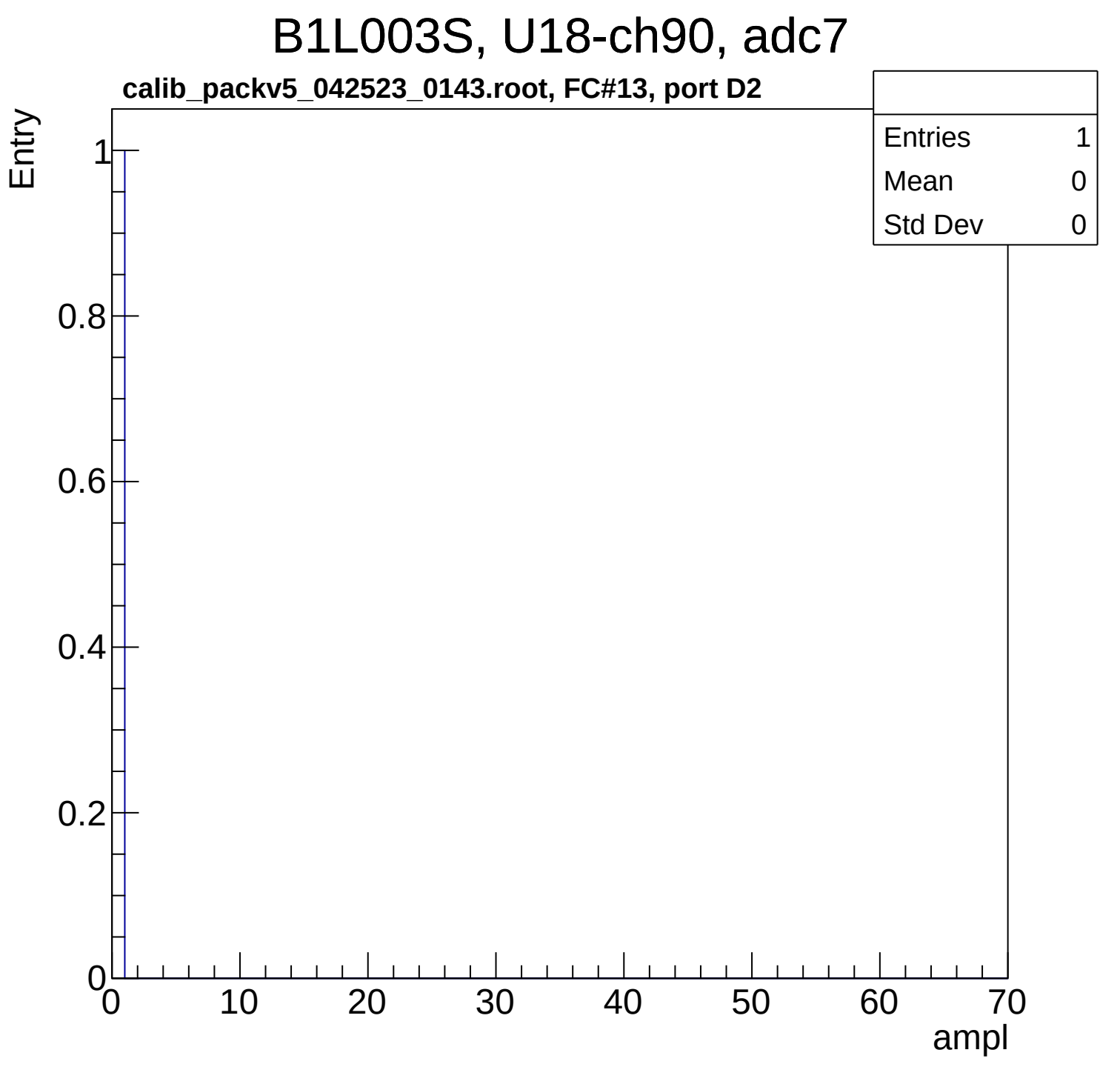

B1L003S, U18-ch90, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 42.17
Std Dev 3.687
Gaus mean : 42.4958
Gaus Width: 3.9725
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

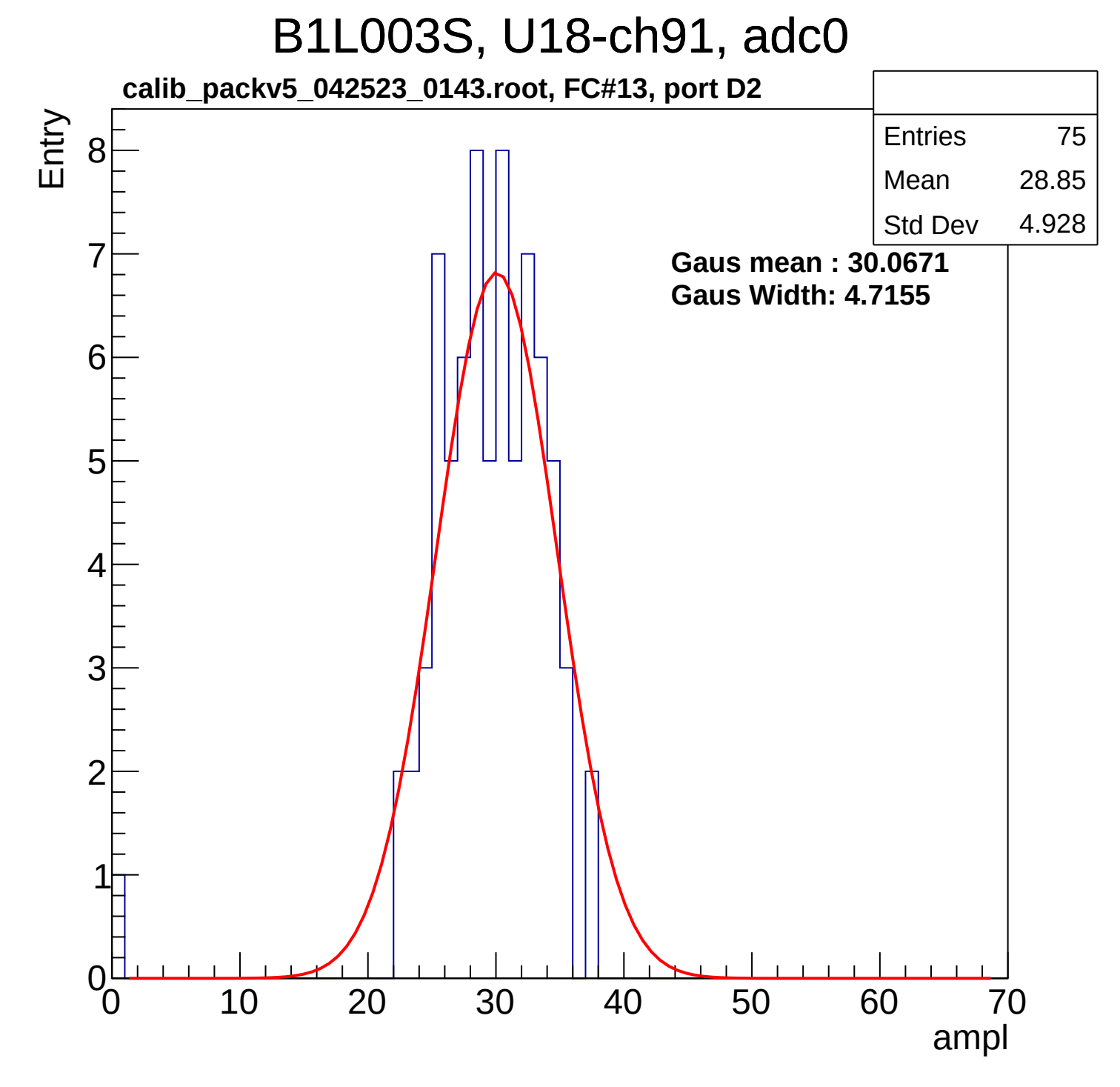

B1L003S, U18-ch90, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 47.94
Std Dev 3.361
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

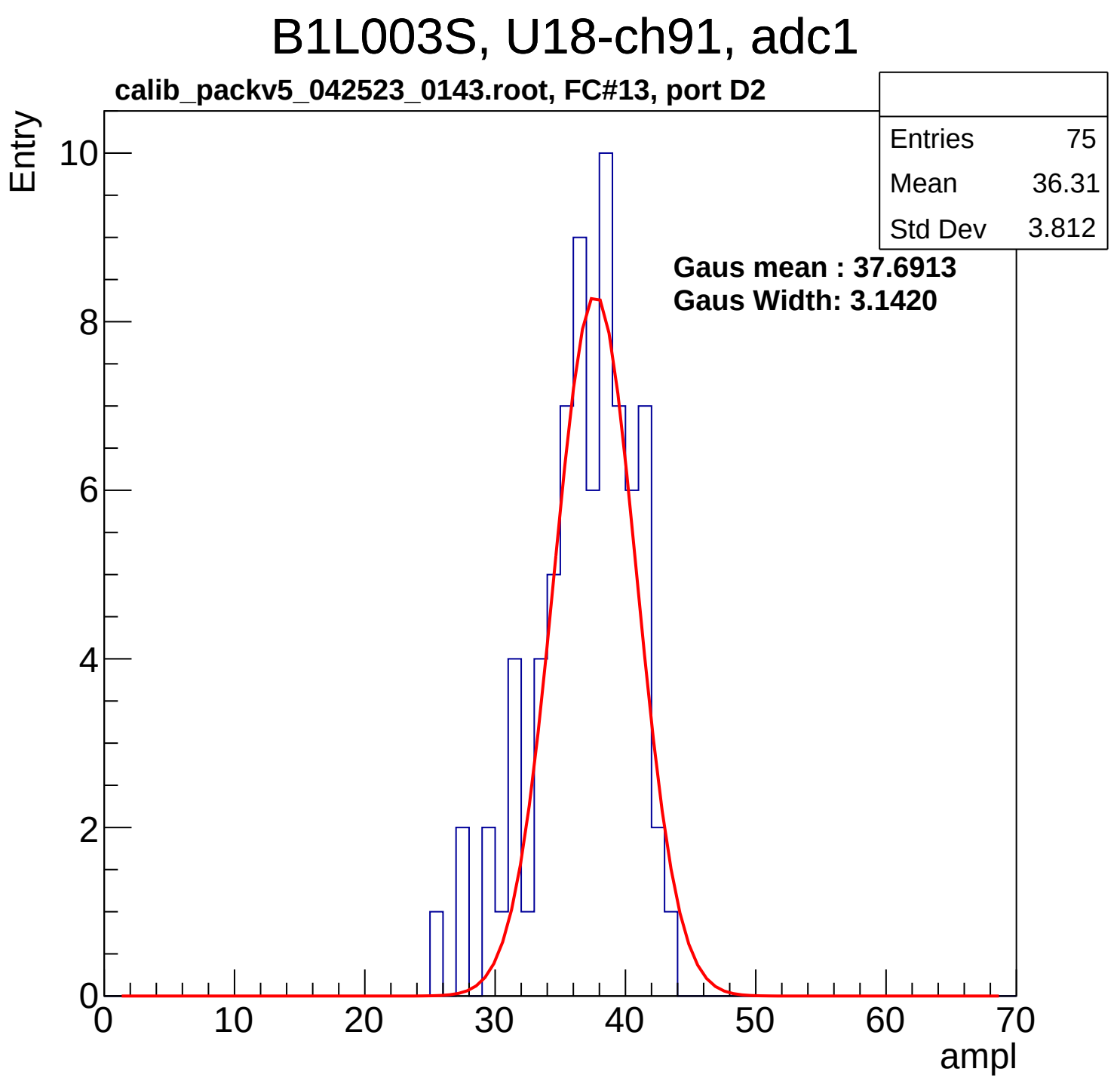

B1L003S, U18-ch90, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 53.88
Std Dev 3.901
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

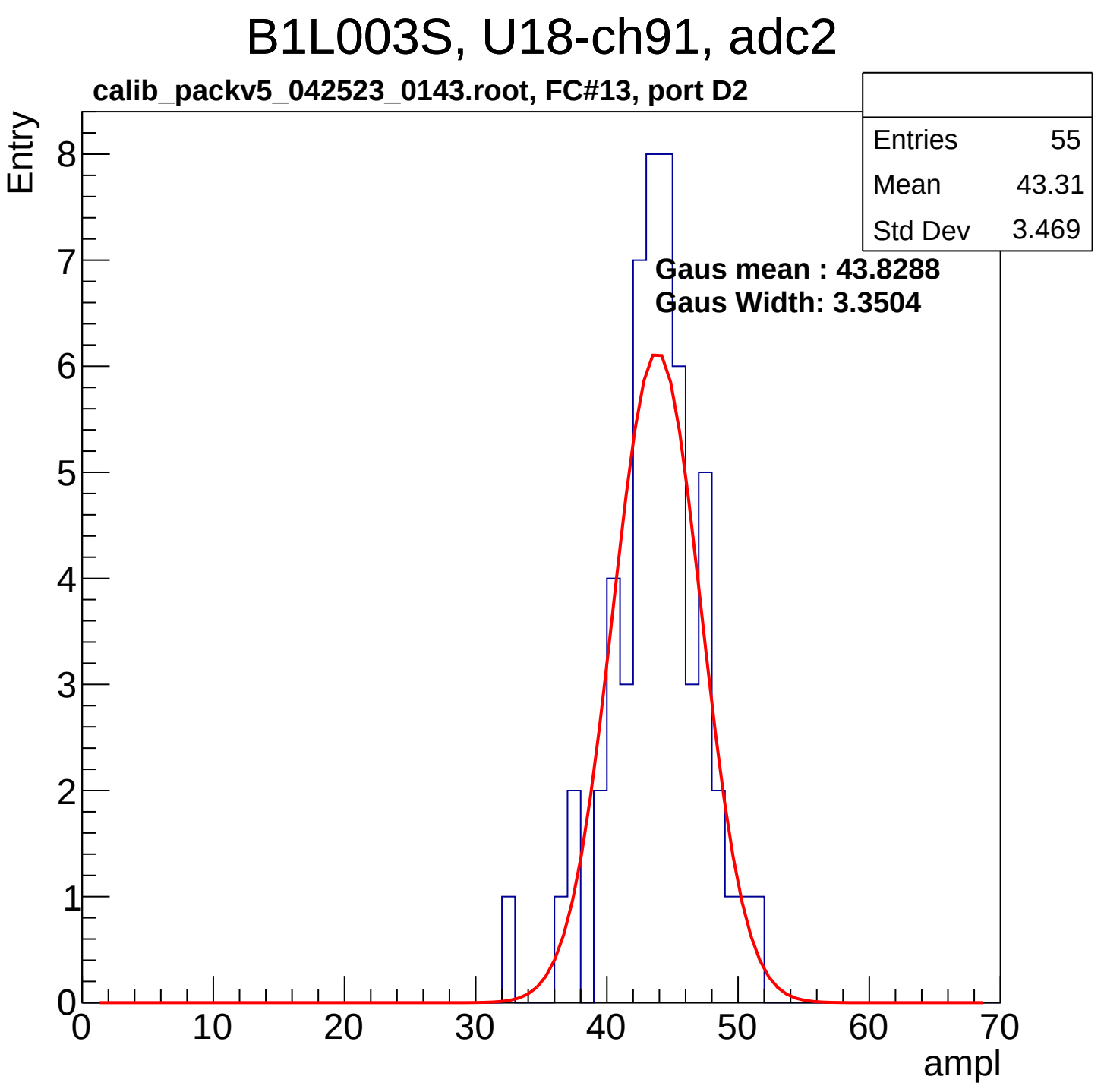

B1L003S, U18-ch90, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 58.24
Std Dev 8.763
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

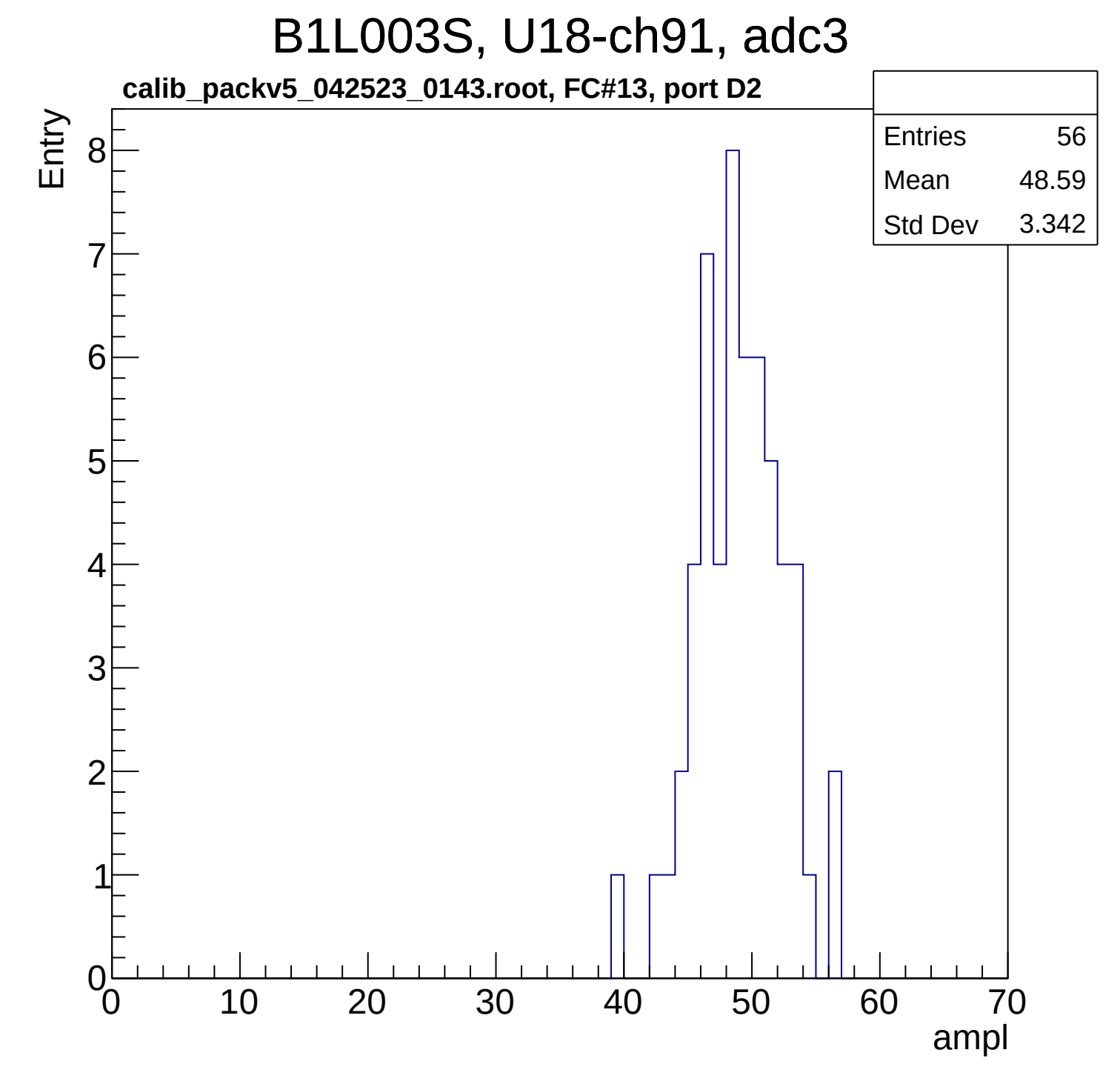

B1L003S, U18-ch90, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 60.69
Std Dev 1.588
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

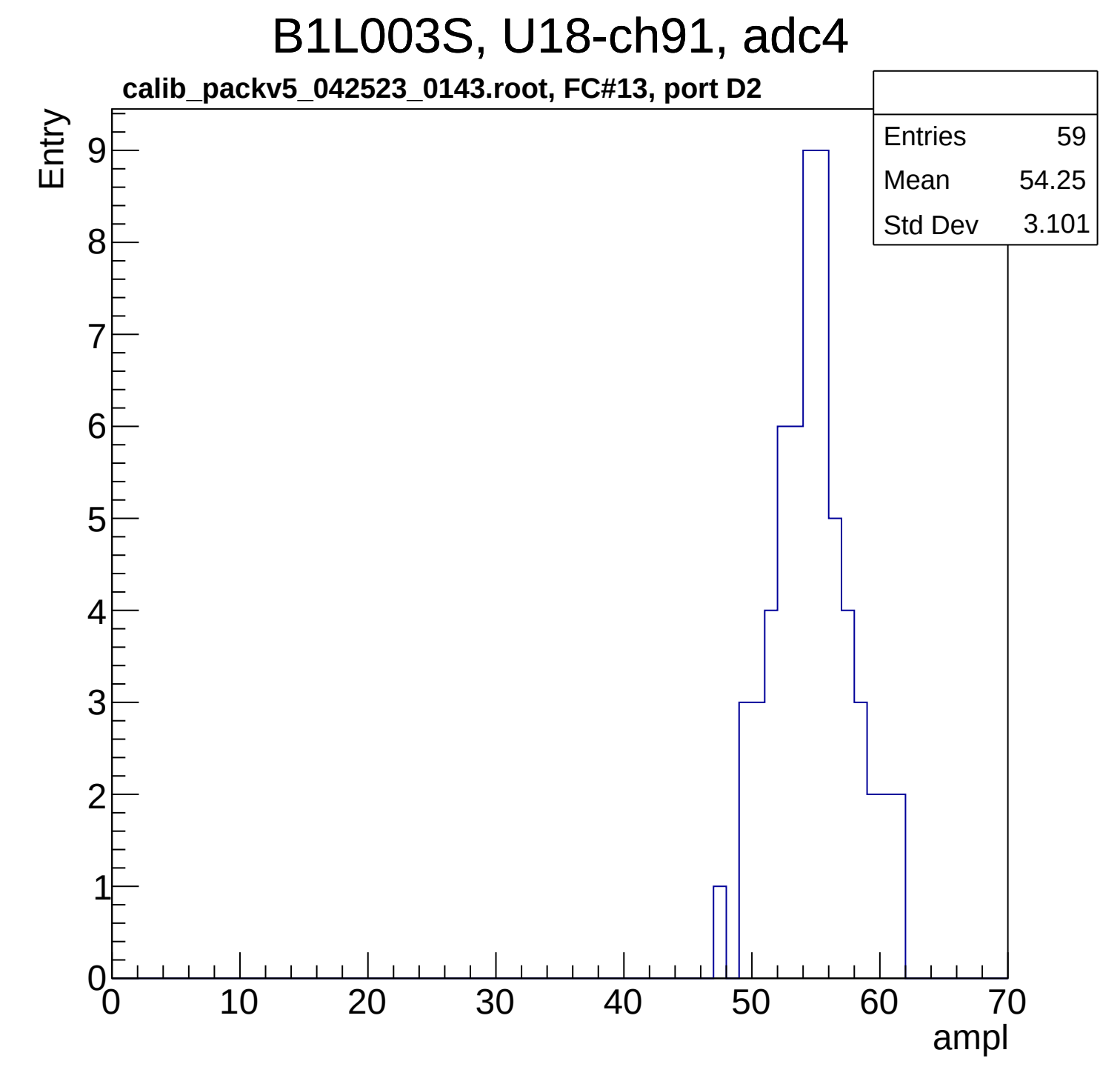

B1L003S, U18-ch90, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

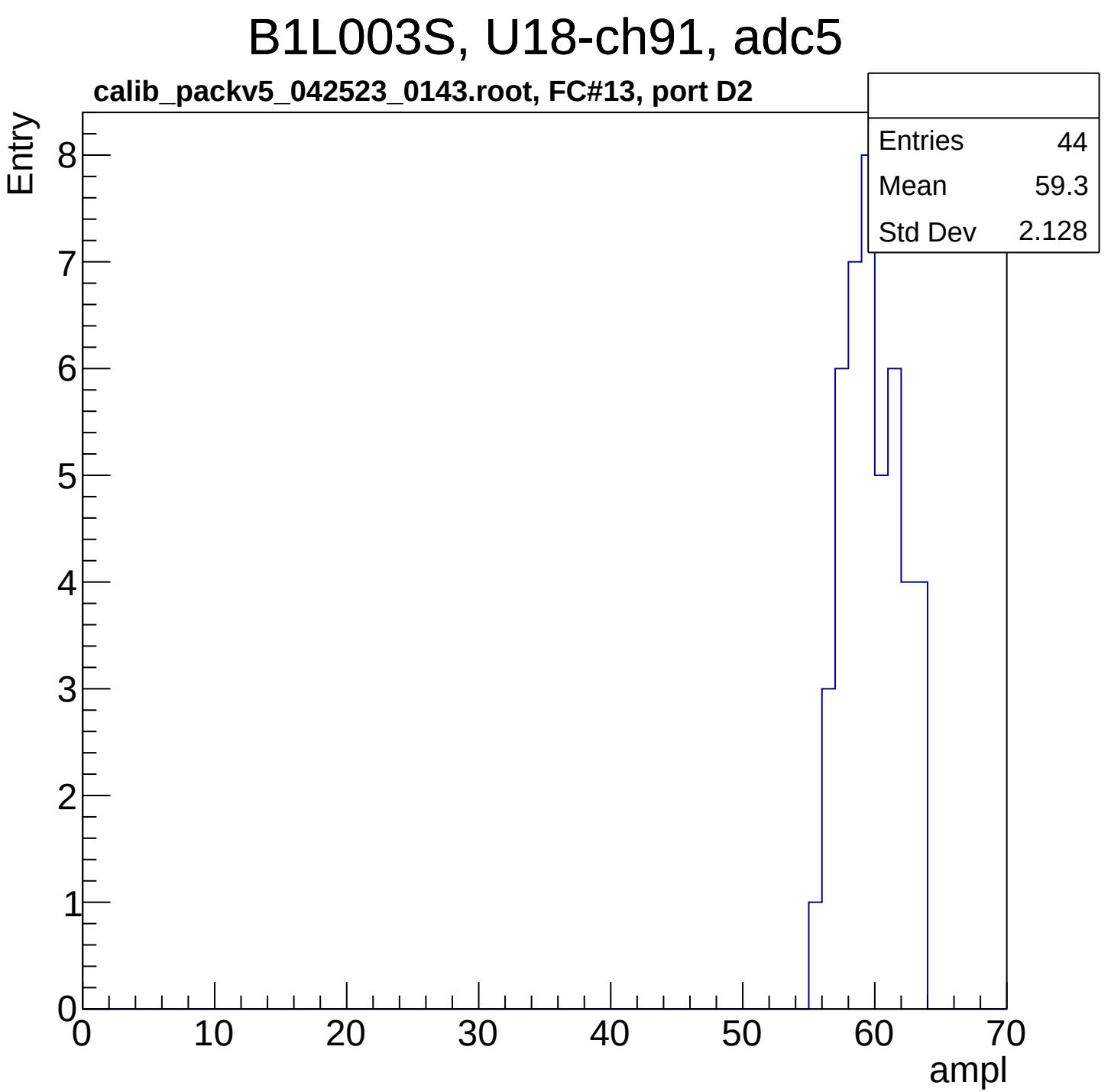

B1L003S, U18-ch91, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 28.85
Std Dev 4.928
Gaus mean : 30.0671
Gaus Width: 4.7155
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

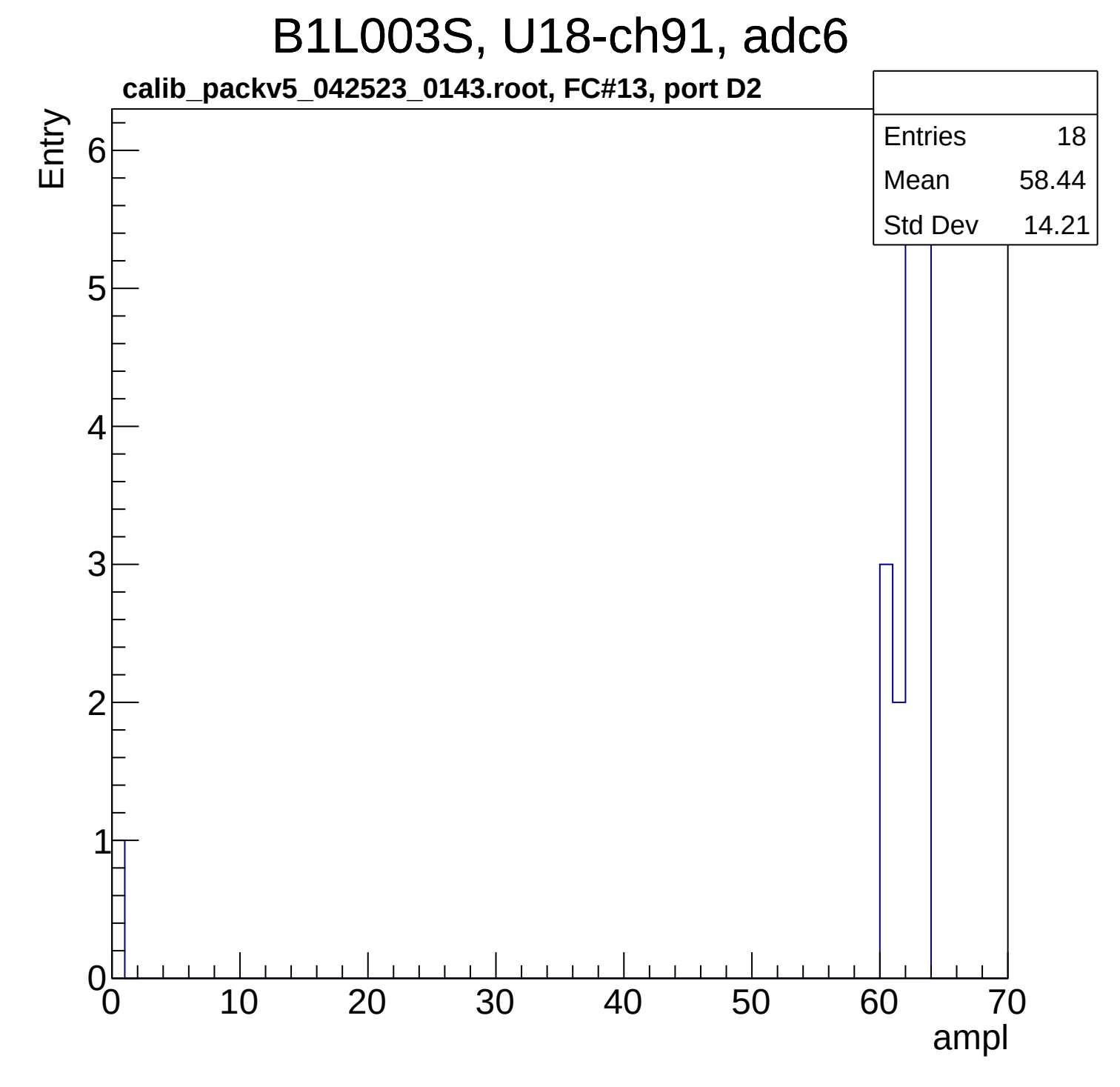

B1L003S, U18-ch91, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 36.31
Std Dev 3.812
Gaus mean : 37.6913
Gaus Width: 3.1420
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

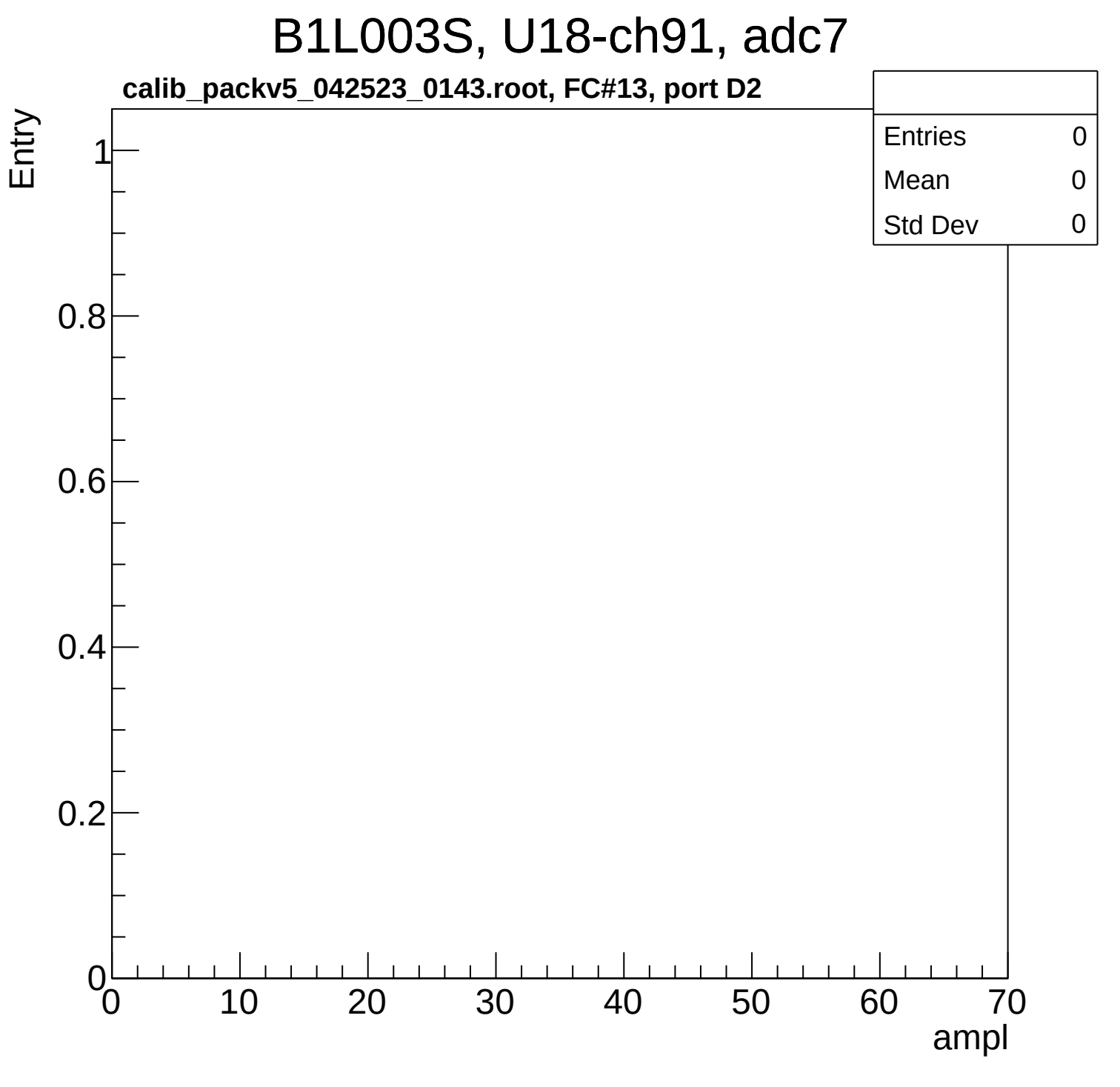

B1L003S, U18-ch91, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 43.31
Std Dev 3.469
Gaus mean : 43.8288
Gaus Width: 3.3504
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

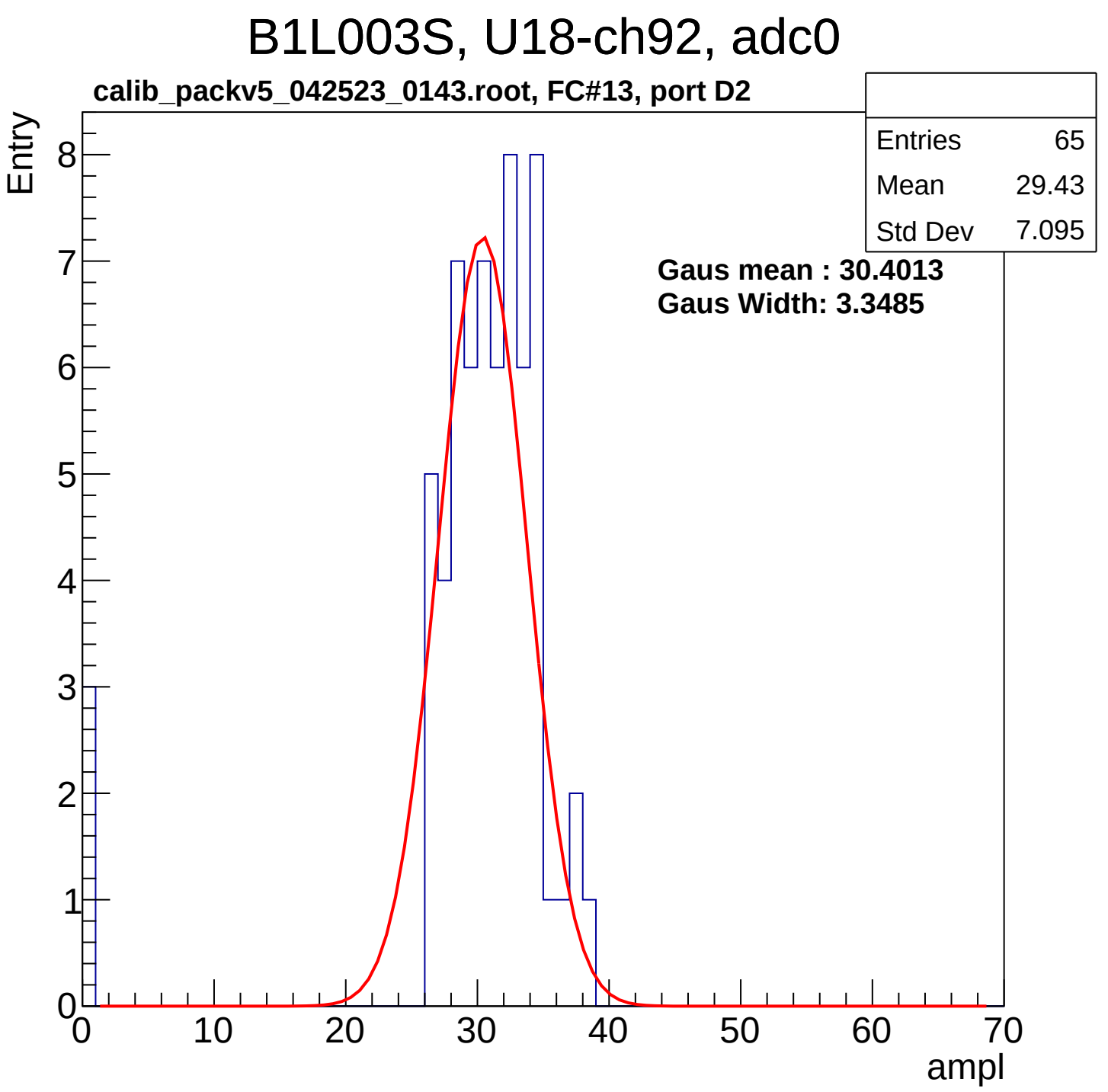

B1L003S, U18-ch91, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 48.59
Std Dev 3.342
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

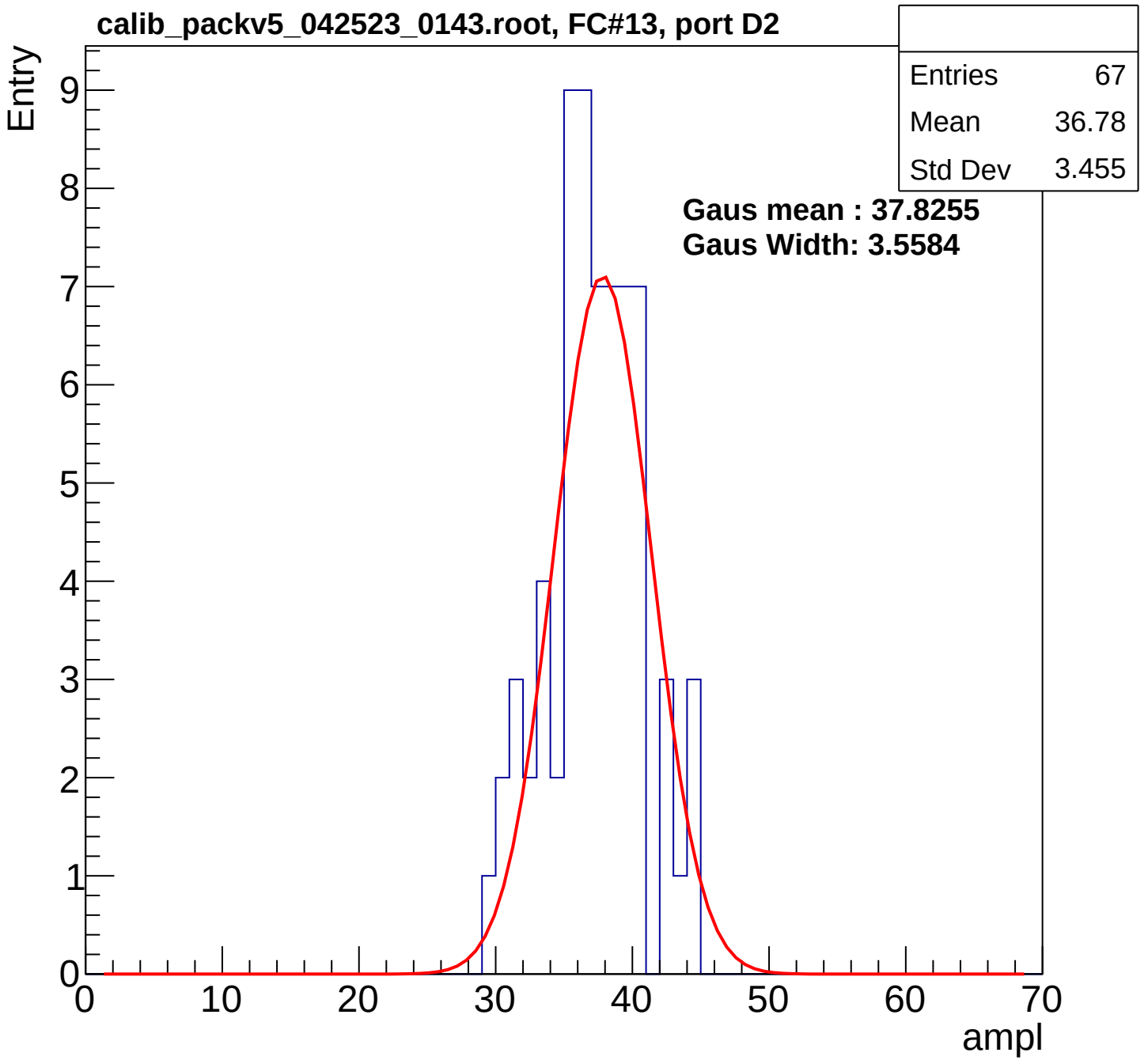

B1L003S, U18-ch91, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 54.25
Std Dev 3.101
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

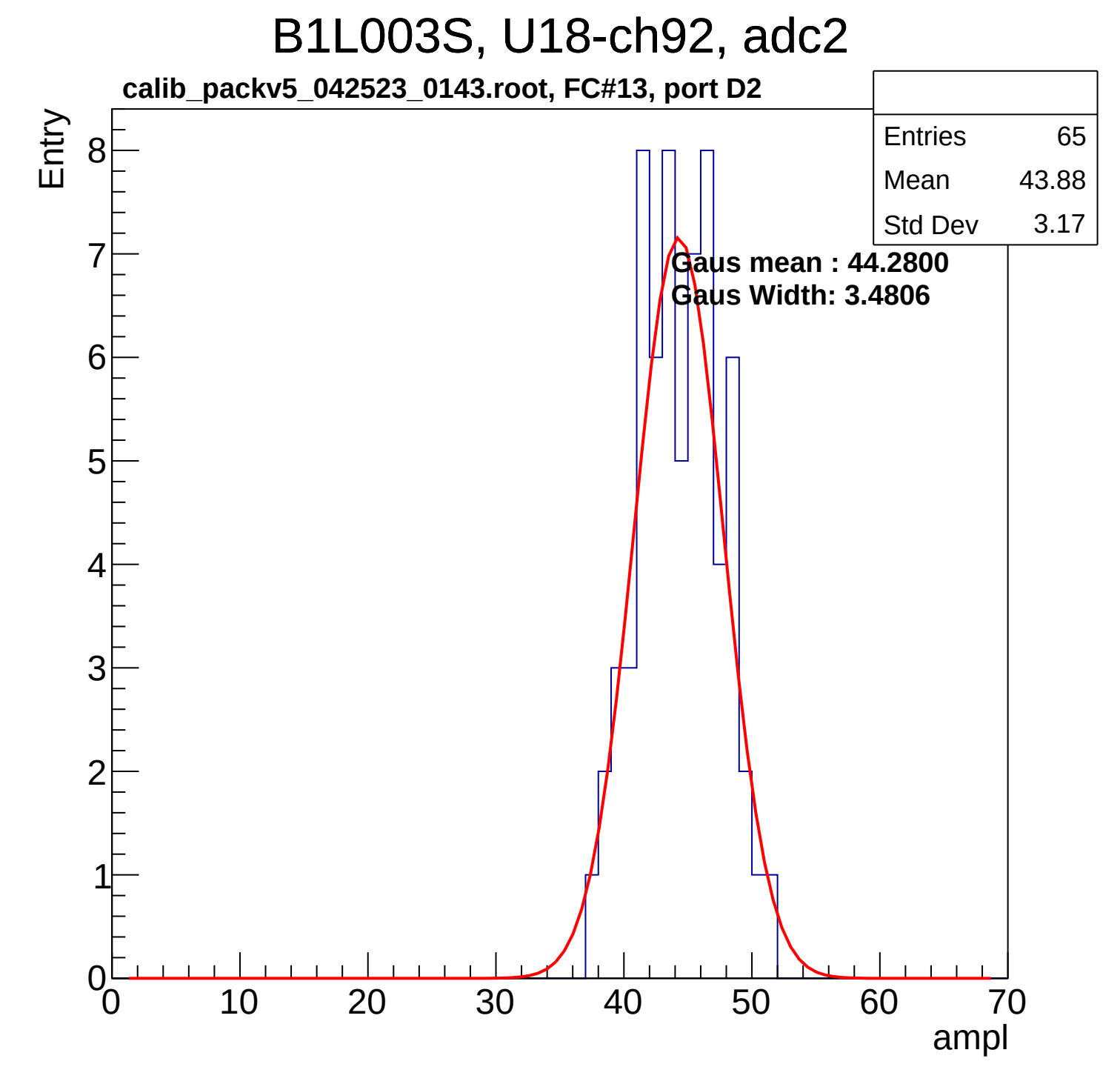

B1L003S, U18-ch91, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.3
Std Dev 2.128
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

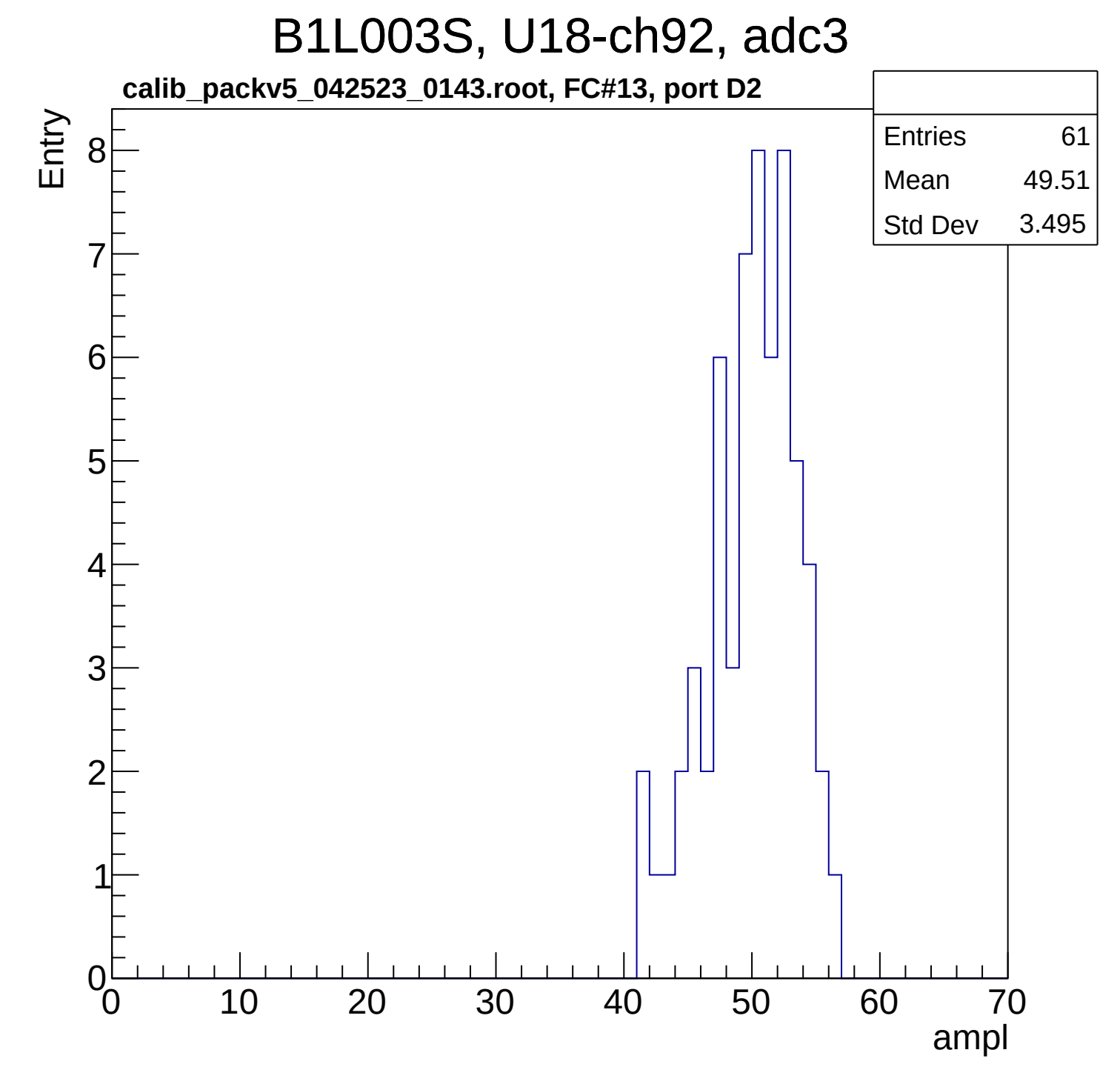

B1L003S, U18-ch91, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 18
Mean 58.44
Std Dev 14.21
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

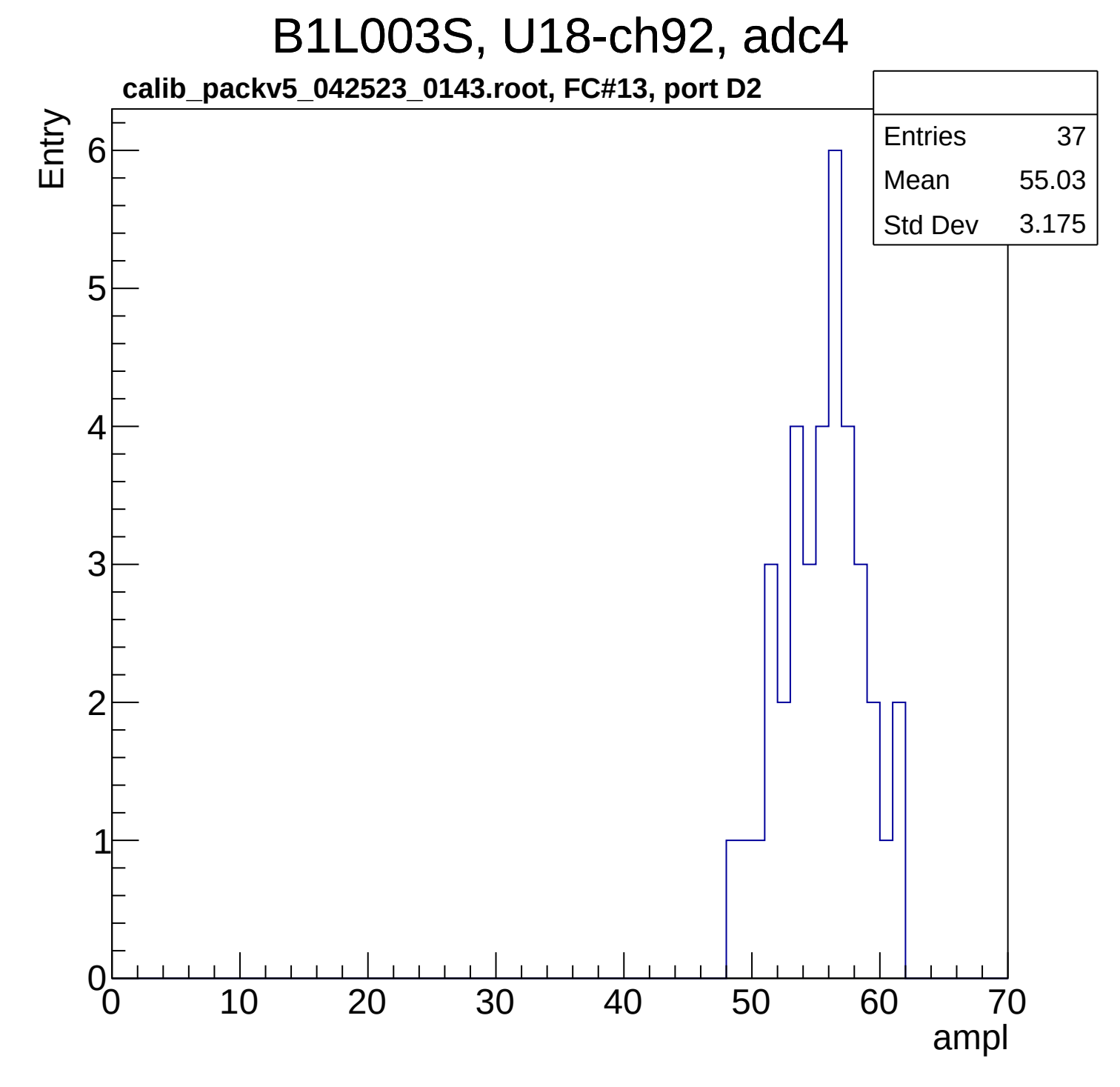

B1L003S, U18-ch91, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

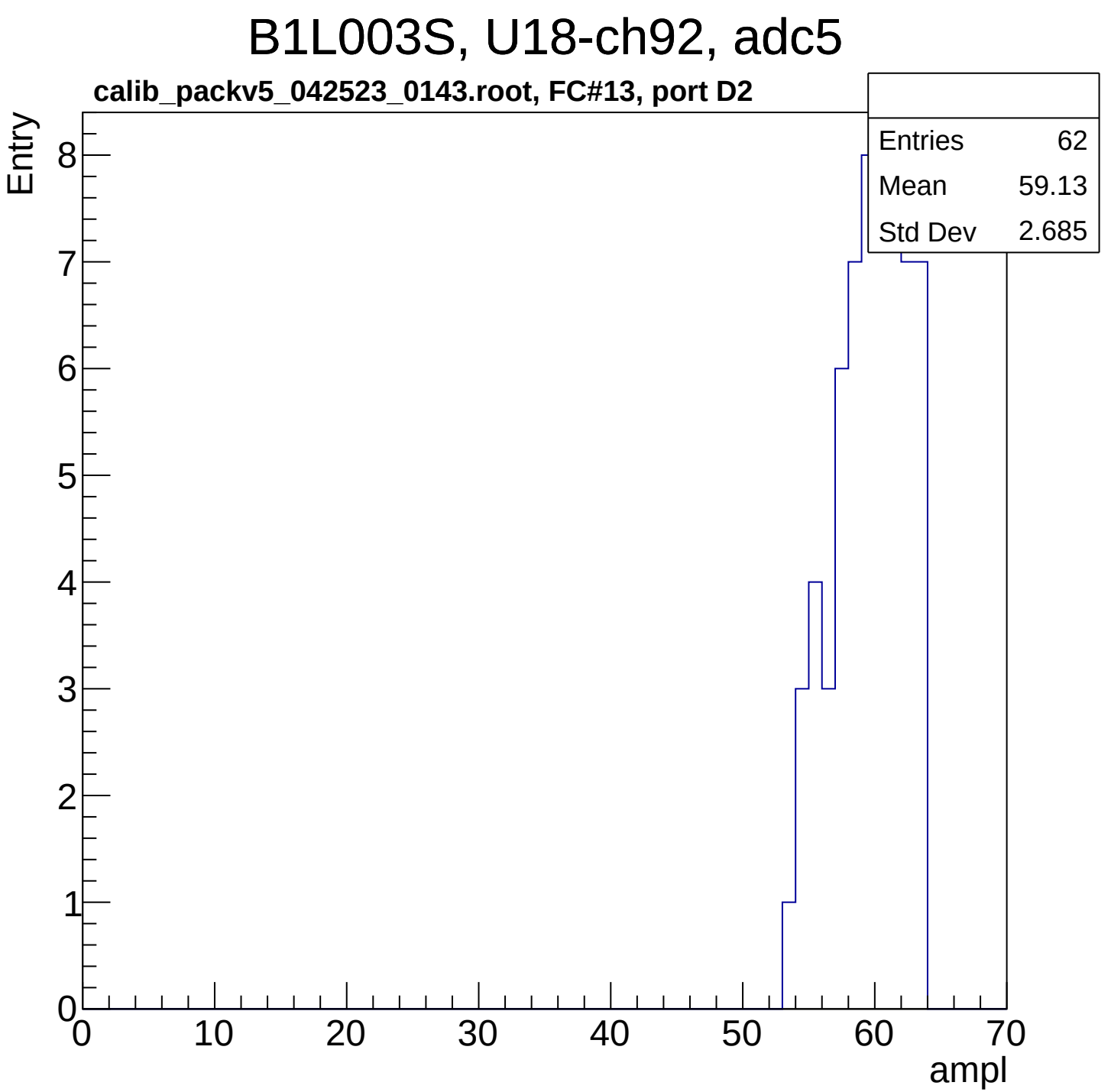

B1L003S, U18-ch92, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 29.43
Std Dev 7.095
Gaus mean : 30.4013
Gaus Width: 3.3485
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

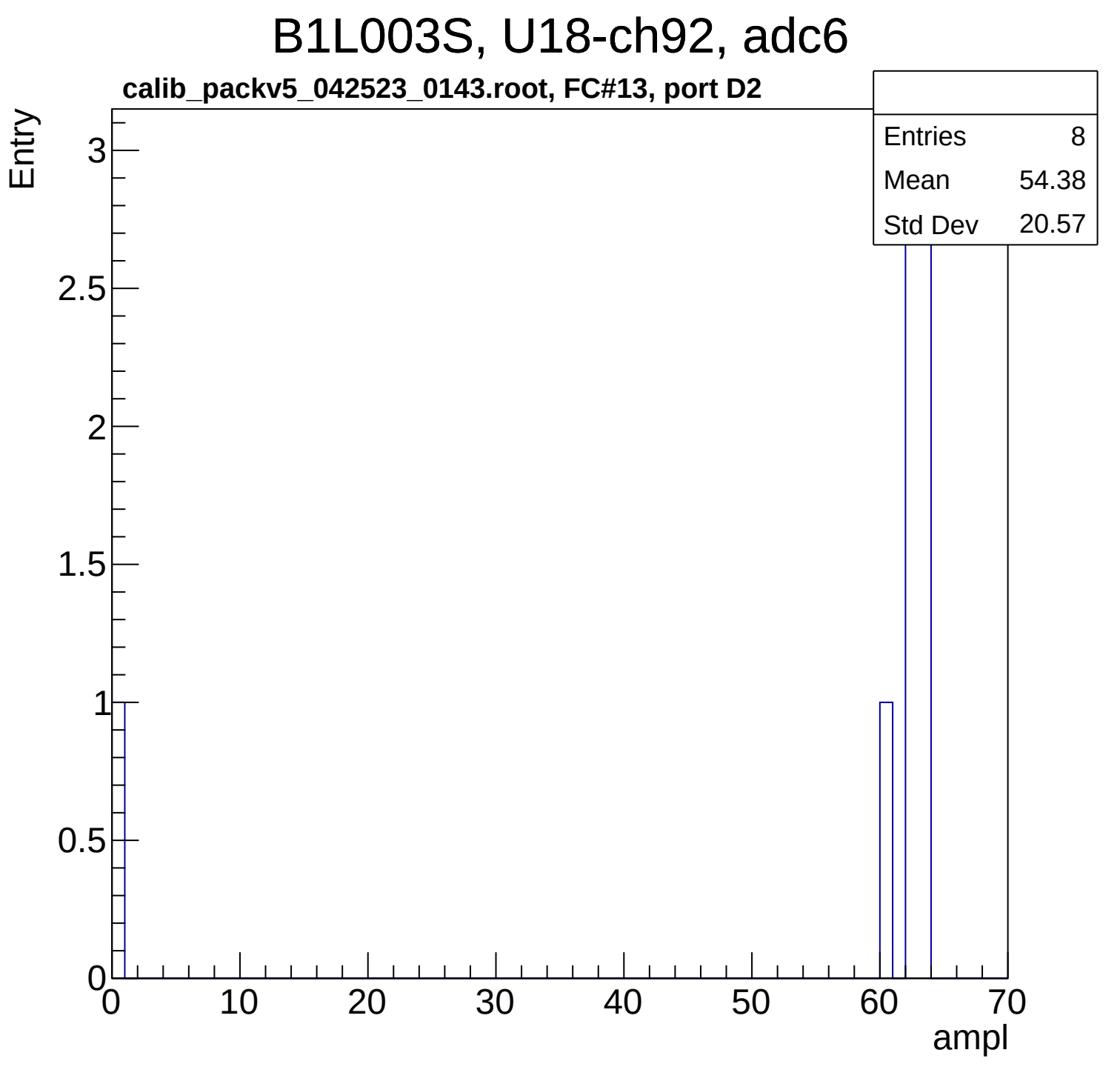

B1L003S, U18-ch92, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 36.78
Std Dev 3.455
Gaus mean : 37.8255
Gaus Width: 3.5584
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

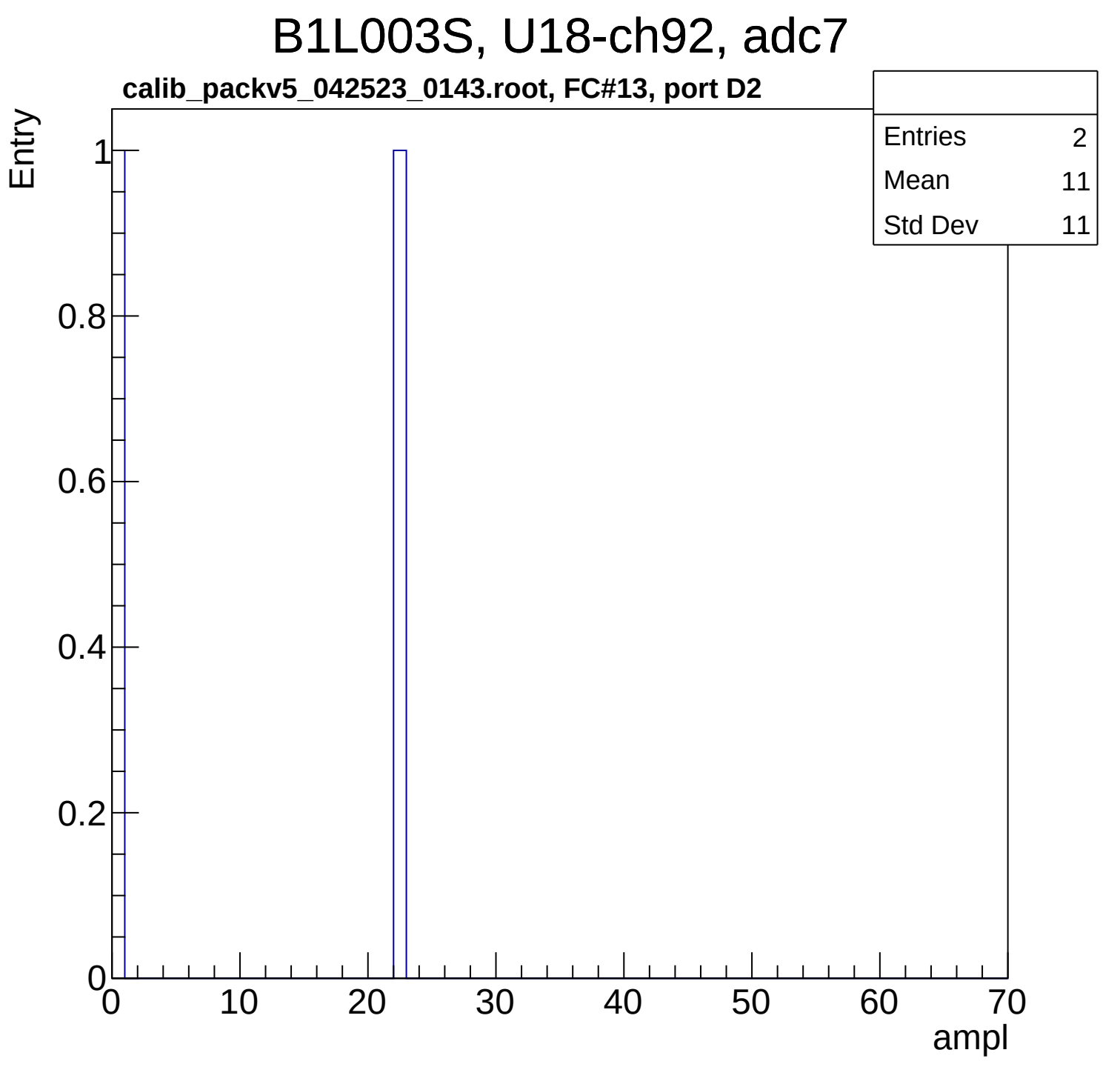

B1L003S, U18-ch92, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 43.88
Std Dev 3.17
Gaus mean : 44.2800
Gaus Width: 3.4806
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

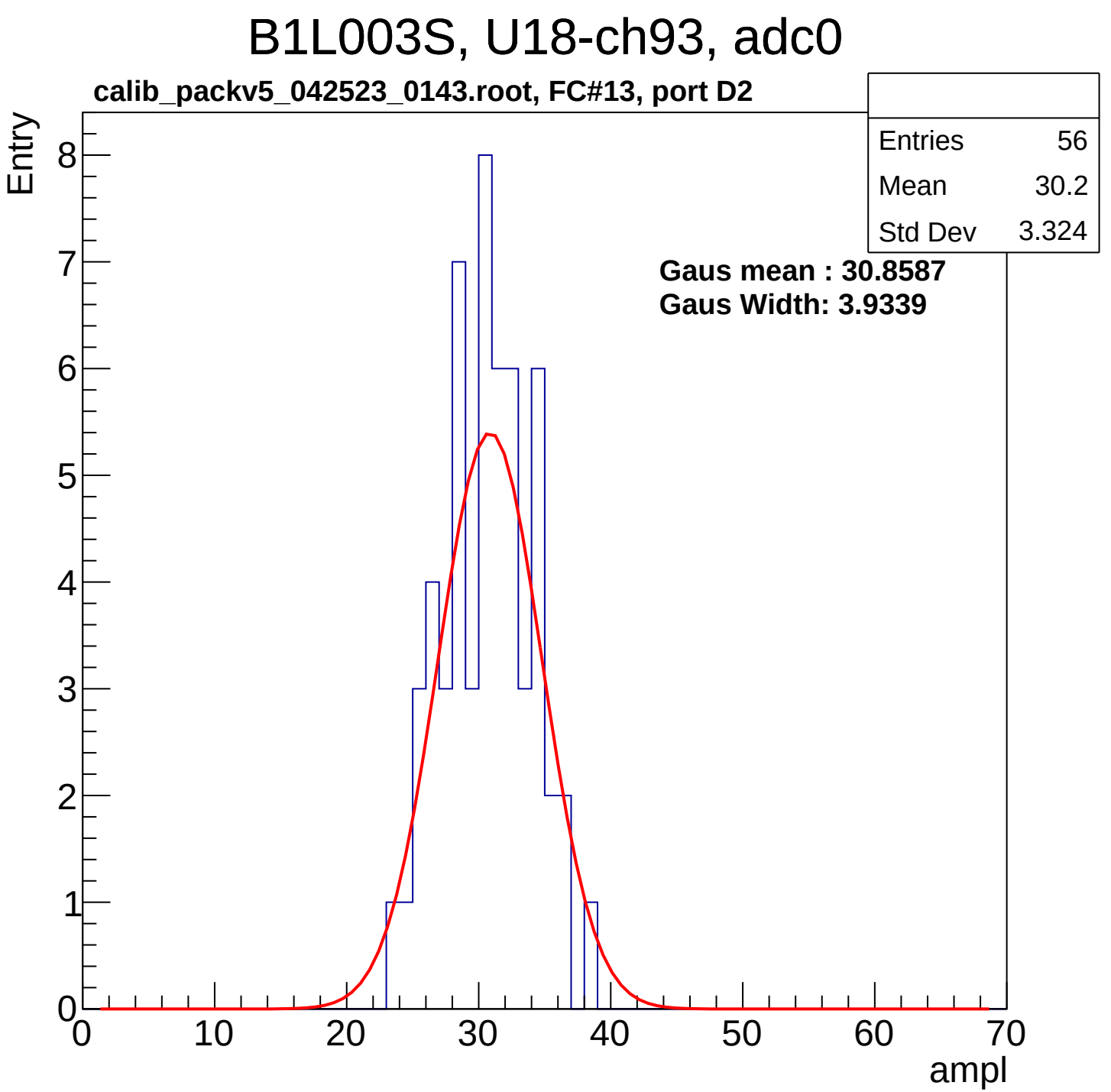

B1L003S, U18-ch92, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 49.51
Std Dev 3.495
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

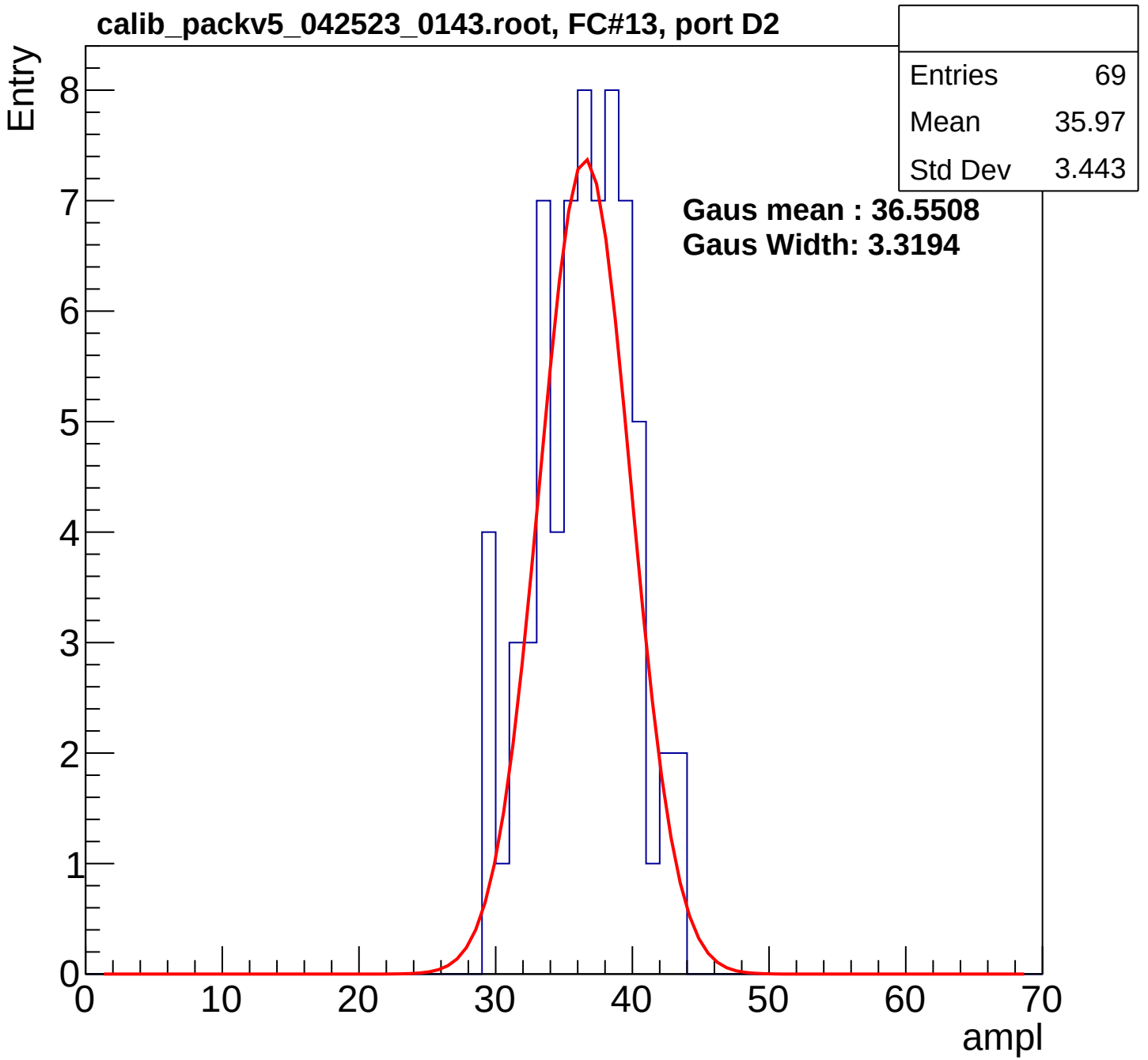

B1L003S, U18-ch92, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 55.03
Std Dev 3.175
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

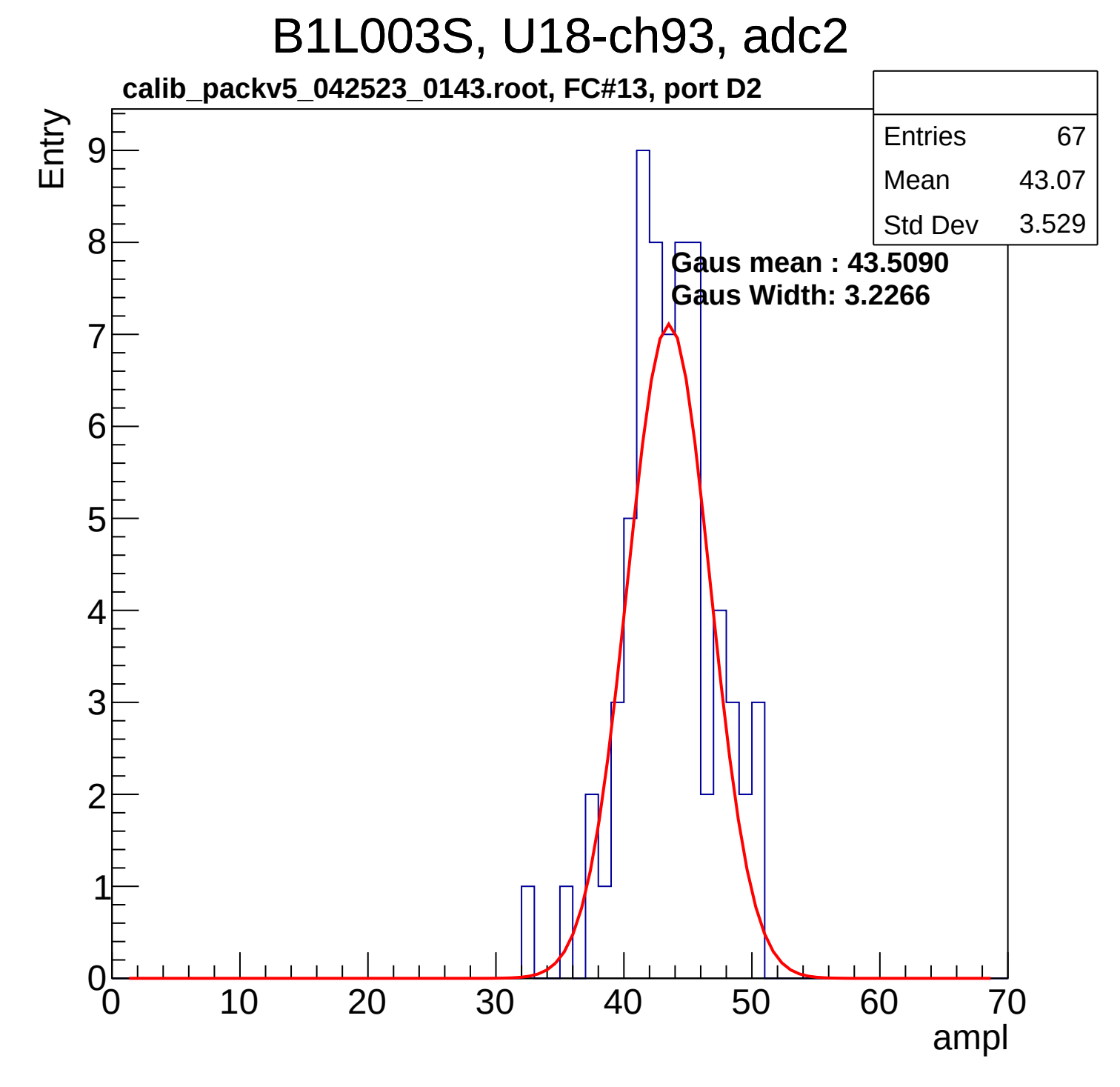

B1L003S, U18-ch92, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 59.13
Std Dev 2.685
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

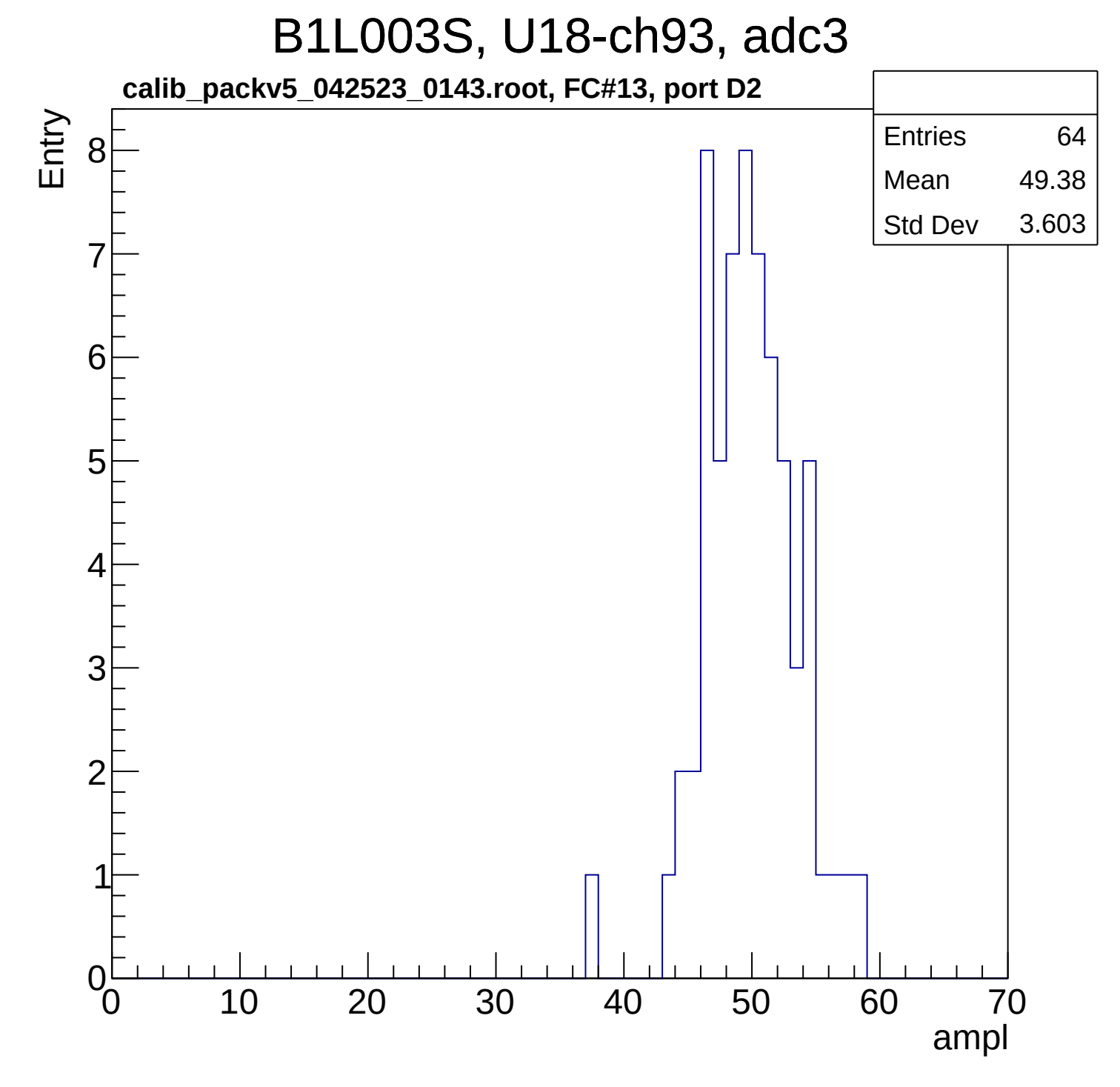

B1L003S, U18-ch92, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 54.38
Std Dev 20.57
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

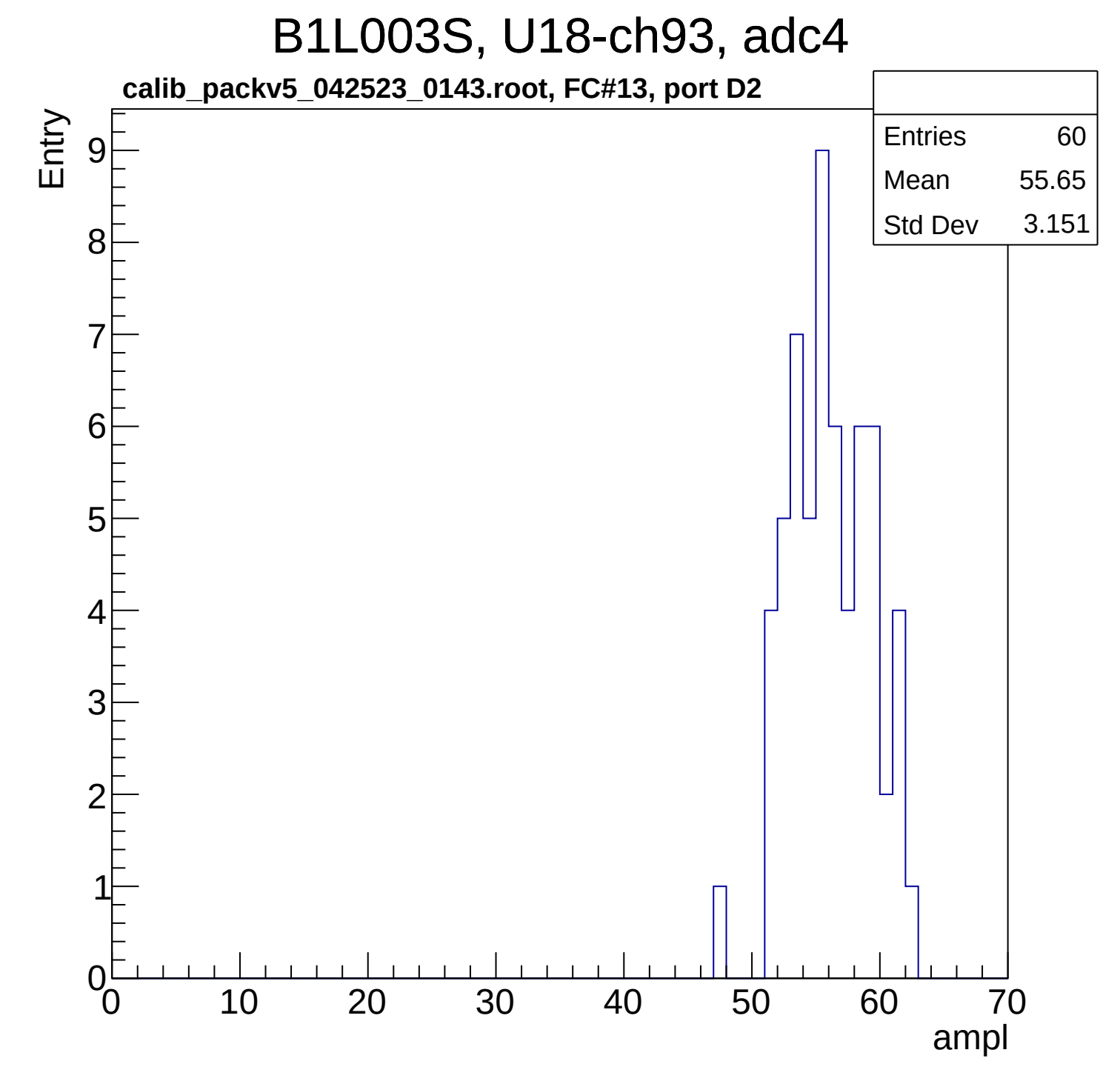

B1L003S, U18-ch92, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

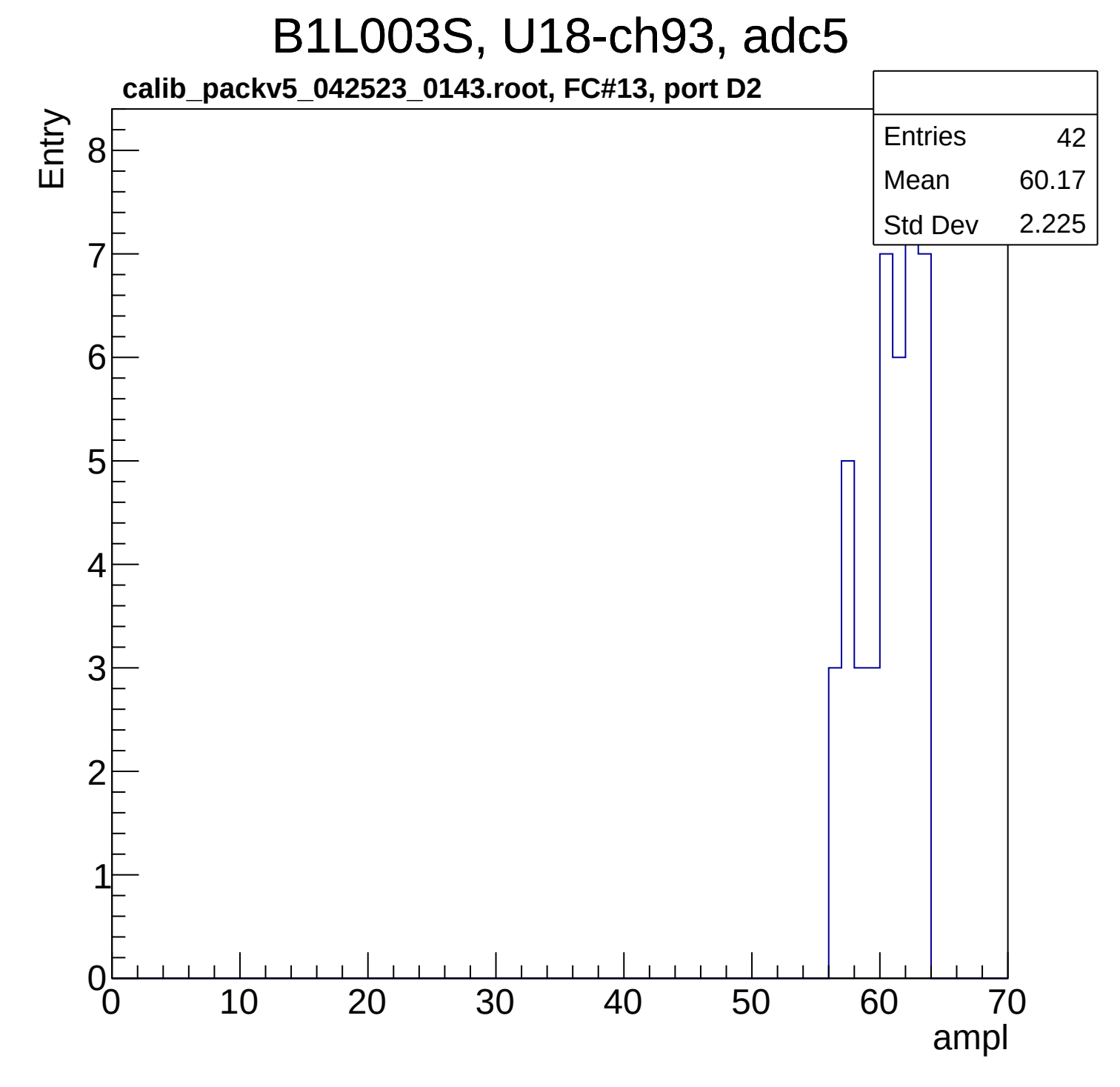

B1L003S, U18-ch93, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 30.2
Std Dev 3.324
Gaus mean : 30.8587
Gaus Width: 3.9339
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

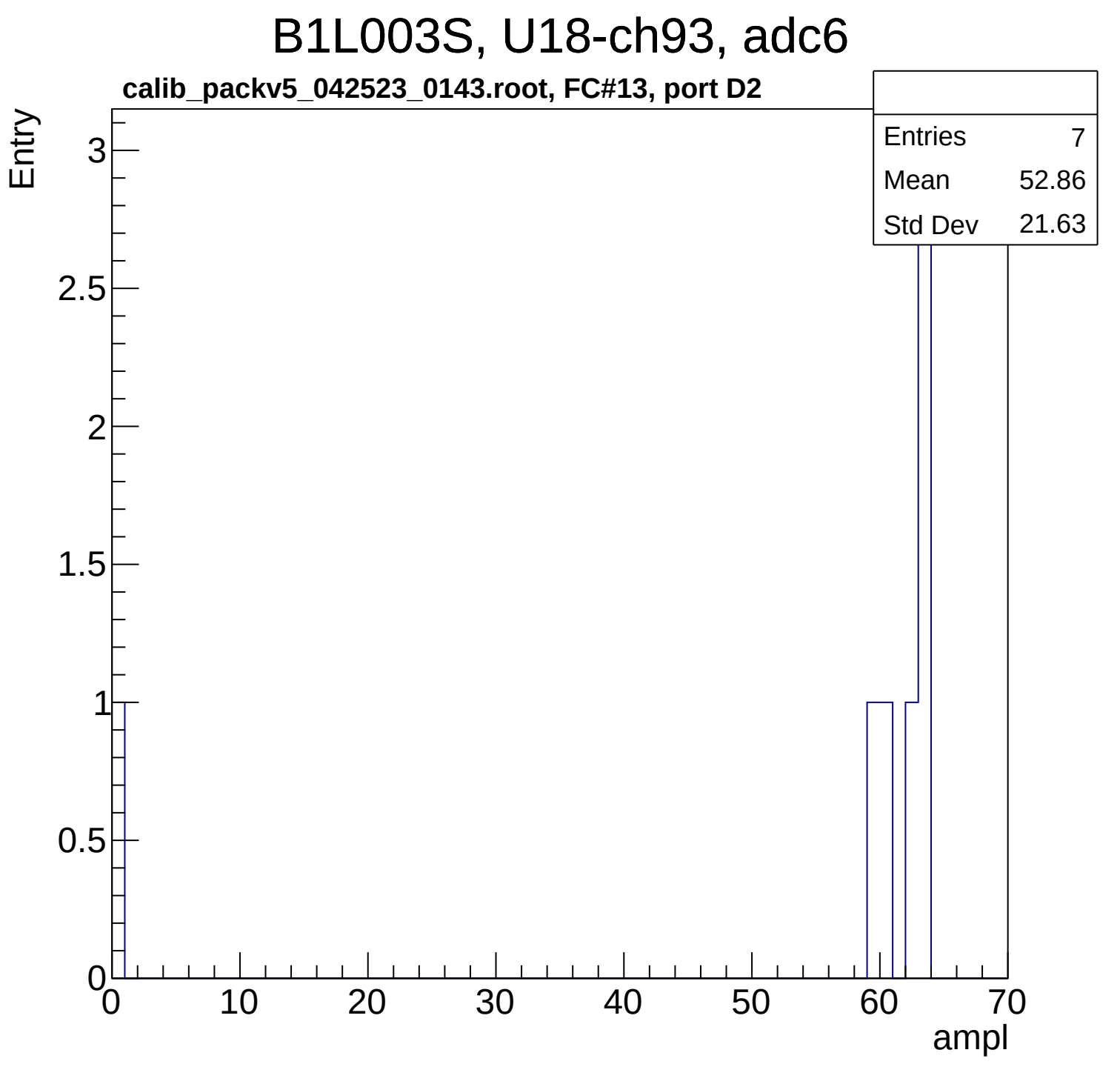

B1L003S, U18-ch93, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 35.97
Std Dev 3.443
Gaus mean : 36.5508
Gaus Width: 3.3194
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

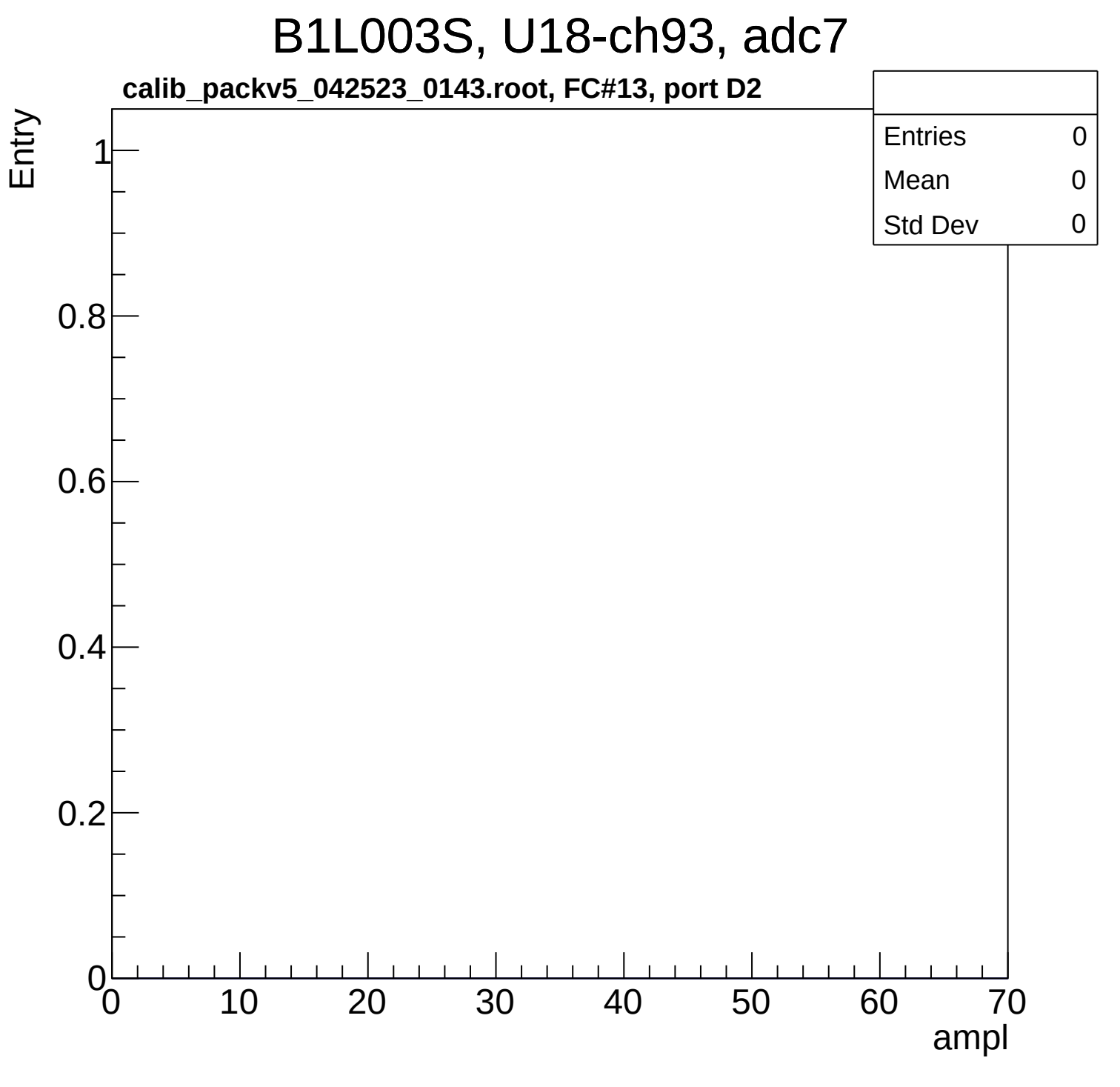

B1L003S, U18-ch93, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 43.07
Std Dev 3.529
Gaus mean : 43.5090
Gaus Width: 3.2266
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

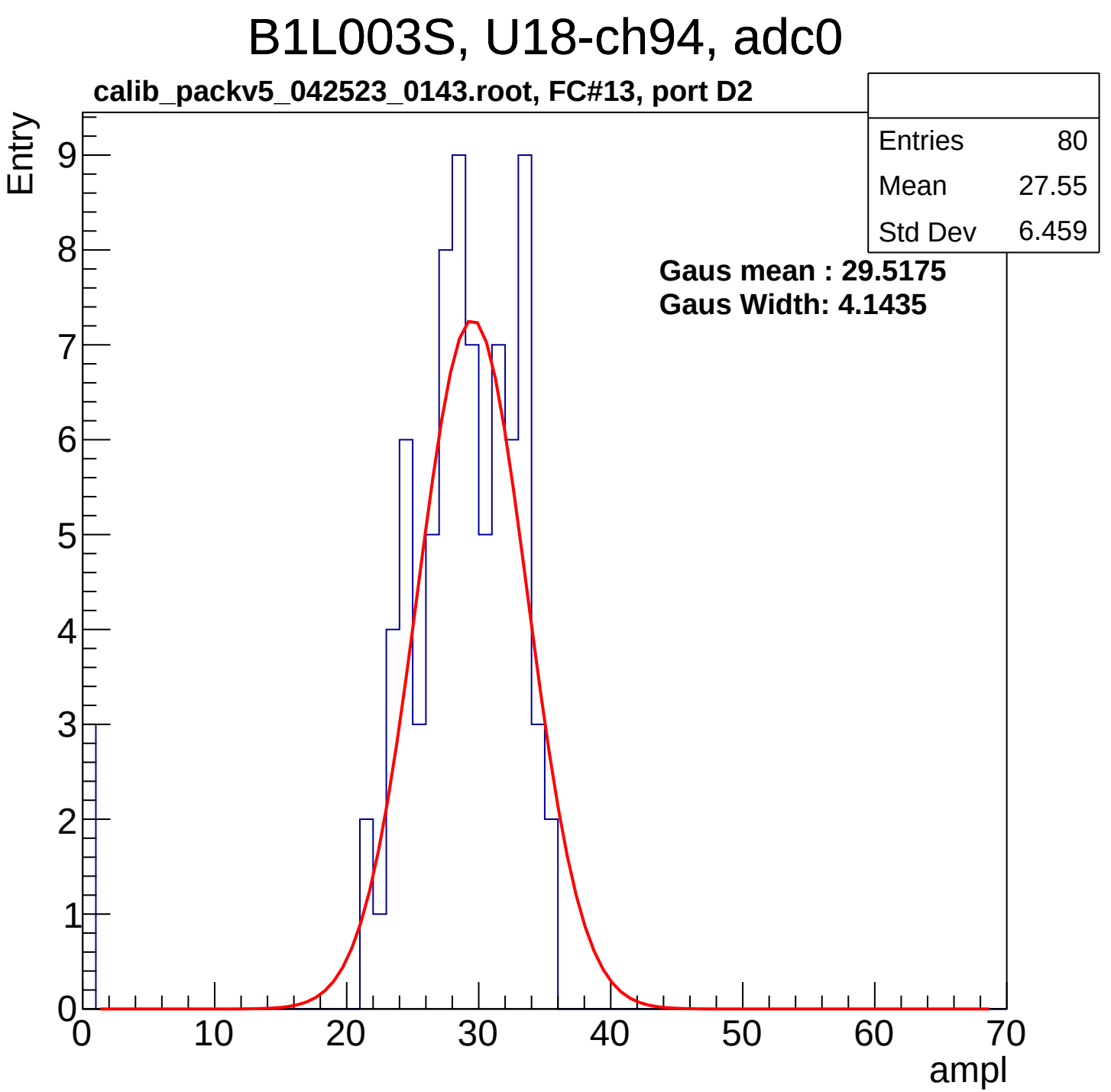

B1L003S, U18-ch93, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 49.38
Std Dev 3.603
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

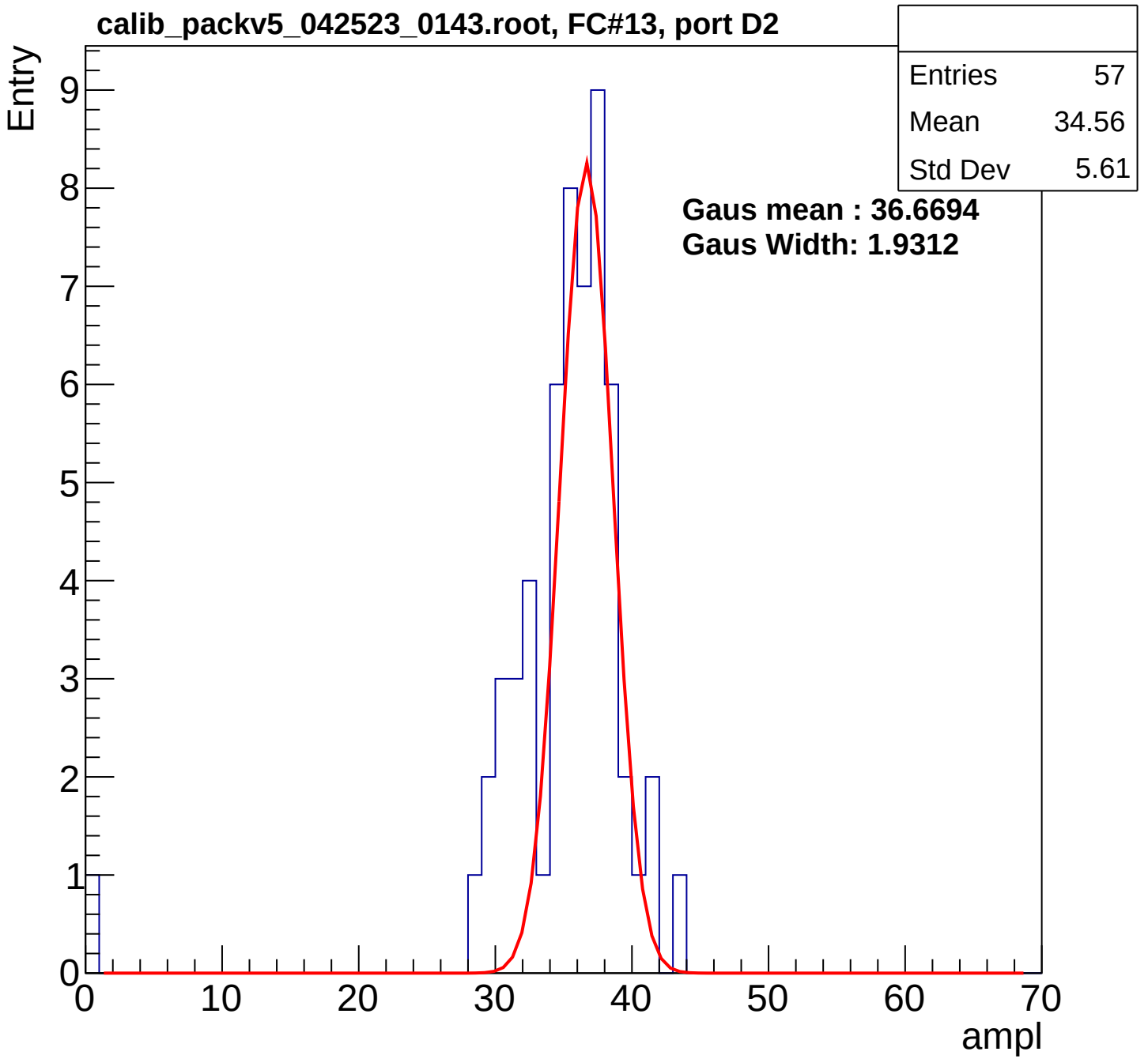

B1L003S, U18-ch93, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 55.65
Std Dev 3.151
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

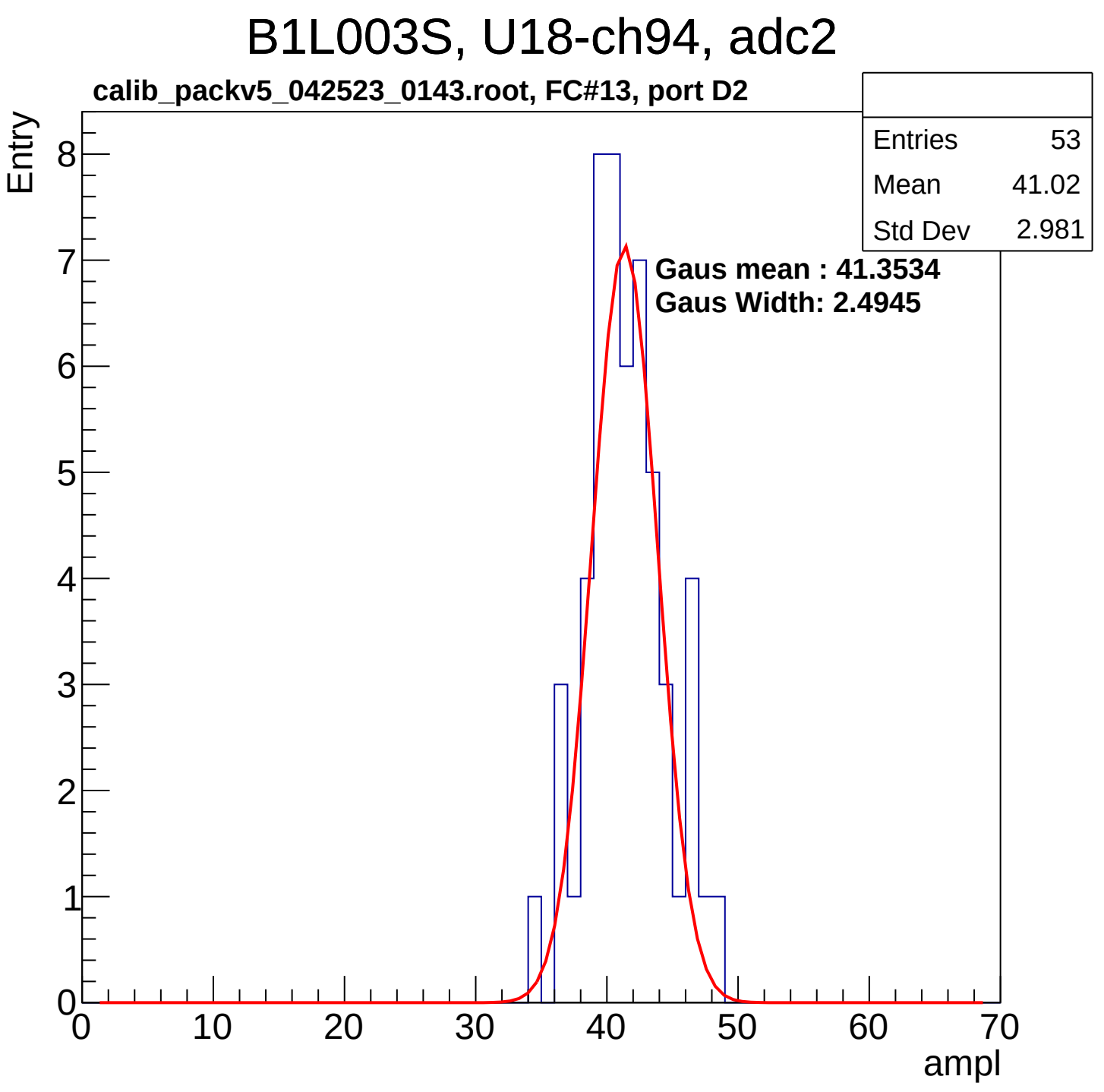

B1L003S, U18-ch93, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 60.17
Std Dev 2.225
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

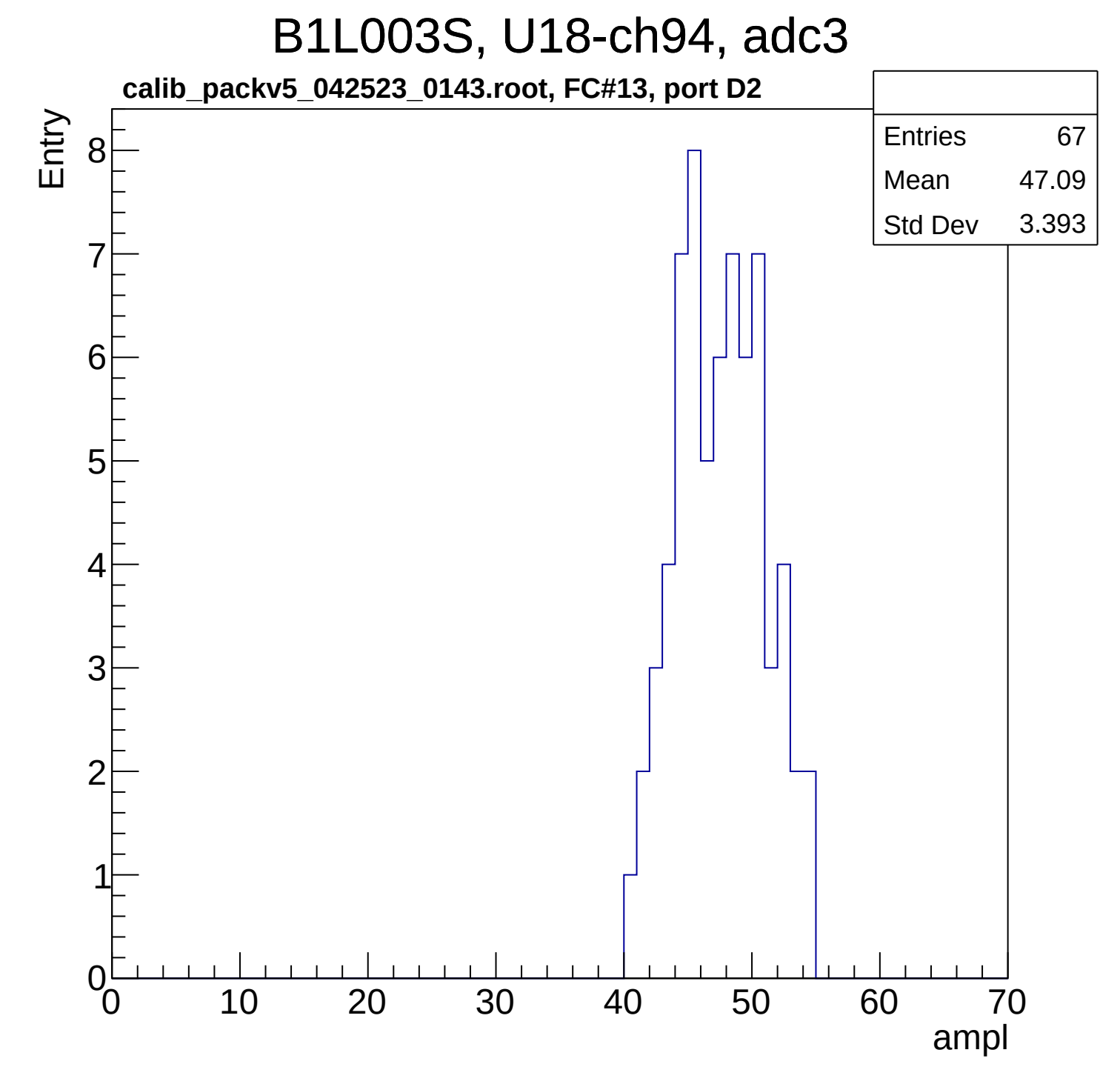

B1L003S, U18-ch93, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 52.86
Std Dev 21.63
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

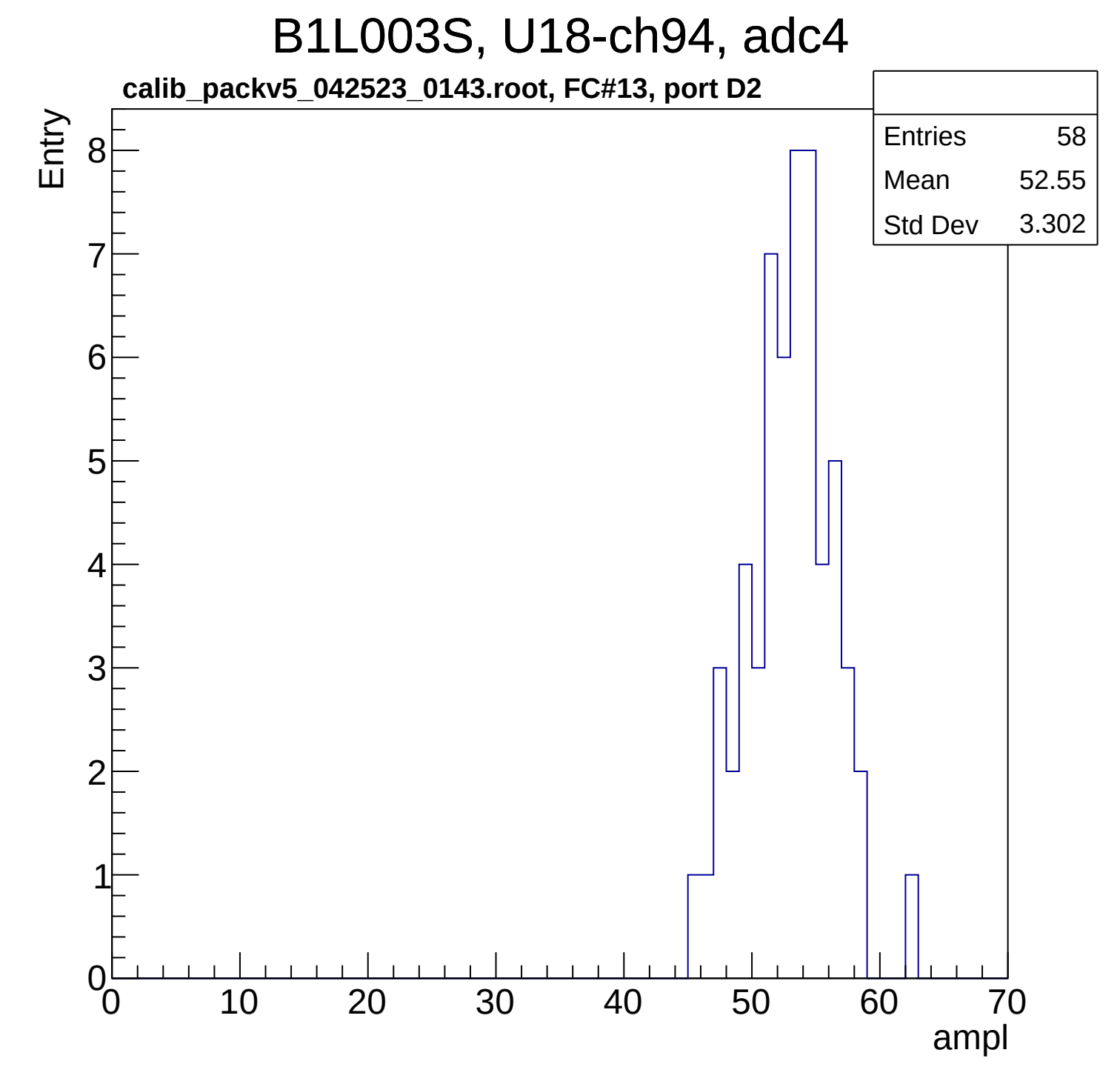

B1L003S, U18-ch93, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

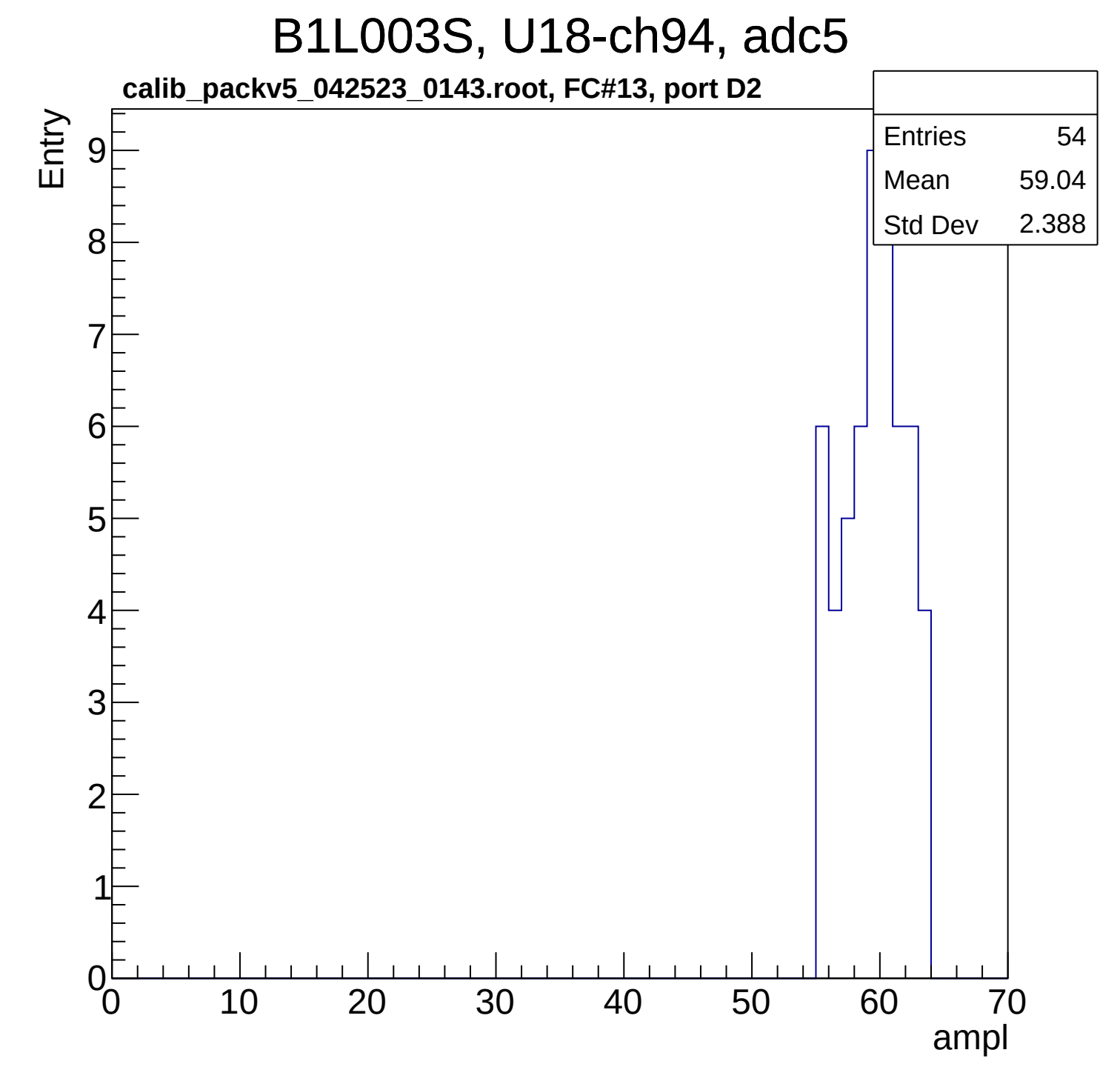

B1L003S, U18-ch94, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 27.55
Std Dev 6.459
Gaus mean : 29.5175
Gaus Width: 4.1435
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

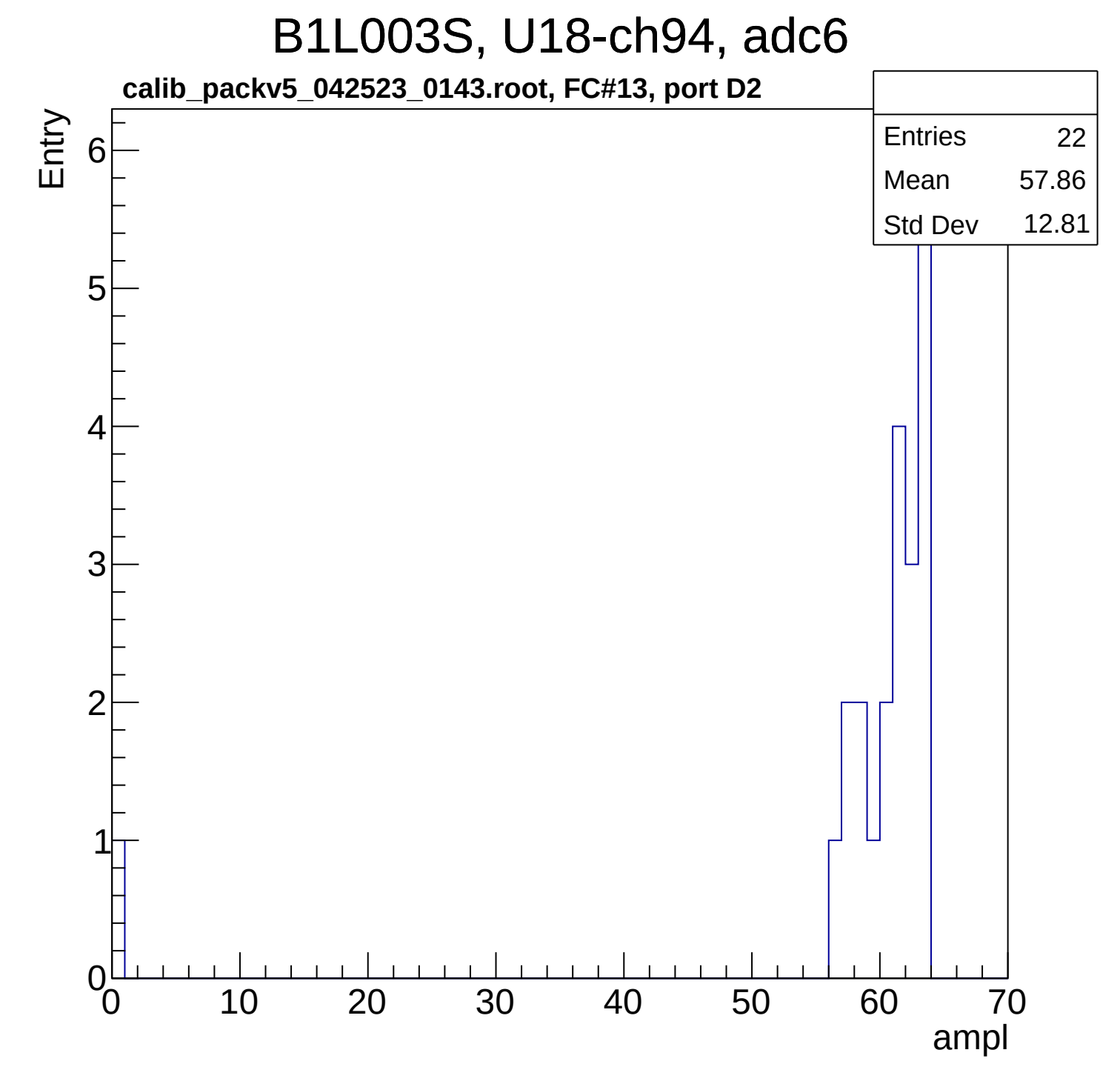

B1L003S, U18-ch94, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 34.56
Std Dev 5.61
Gaus mean : 36.6694
Gaus Width: 1.9312
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

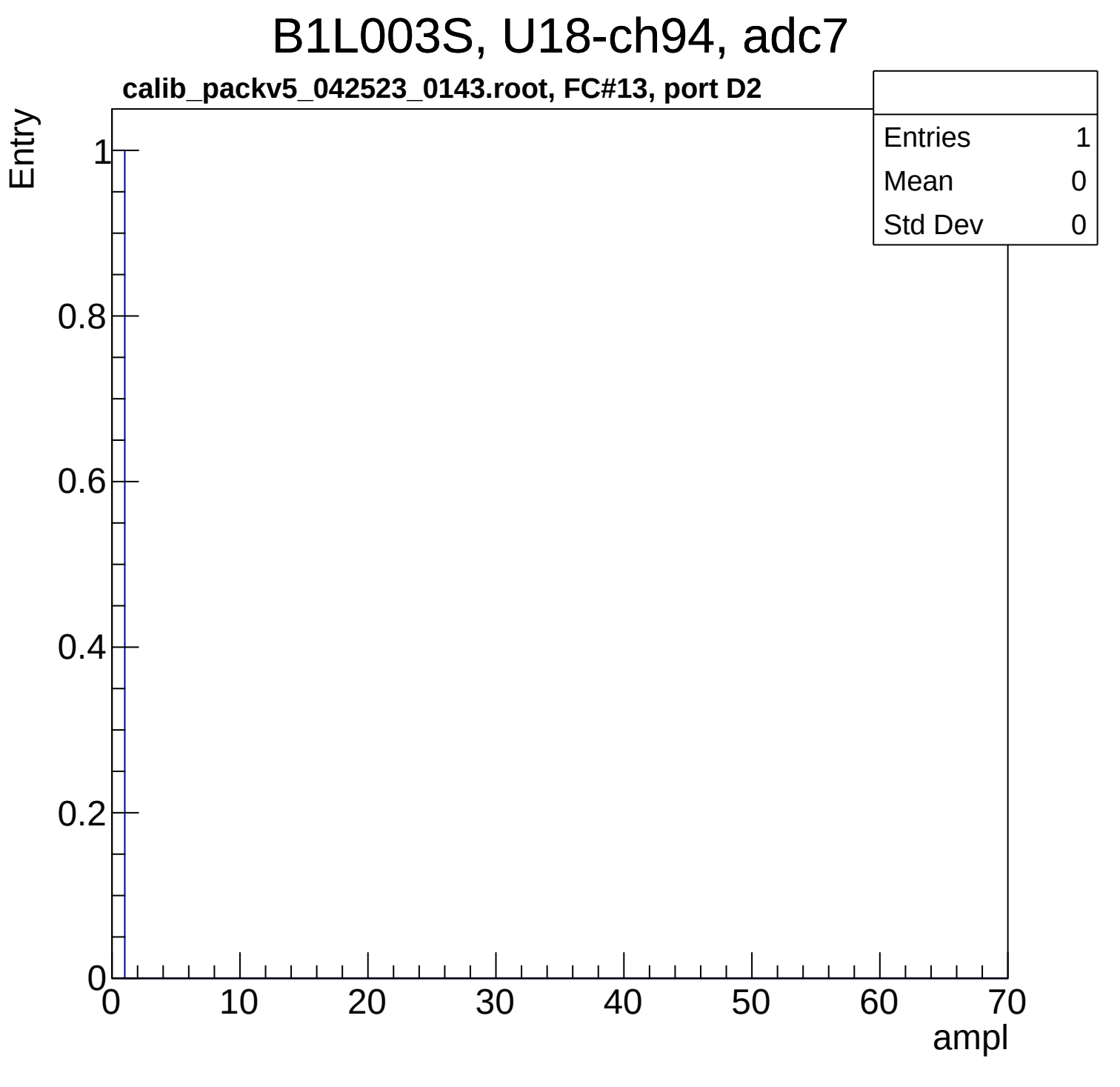

B1L003S, U18-ch94, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 41.02
Std Dev 2.981
Gaus mean : 41.3534
Gaus Width: 2.4945
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

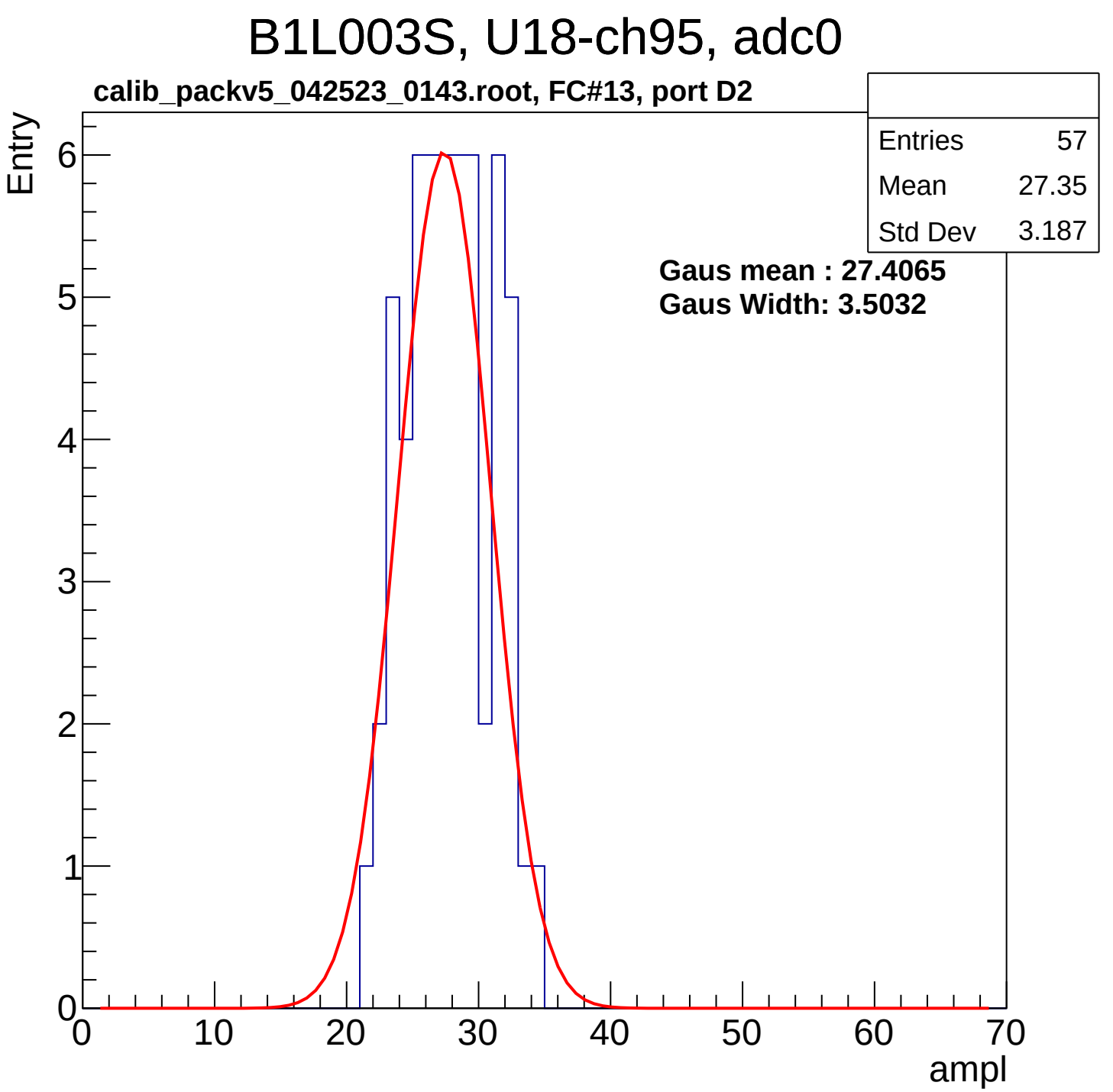

B1L003S, U18-ch94, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 47.09
Std Dev 3.393
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

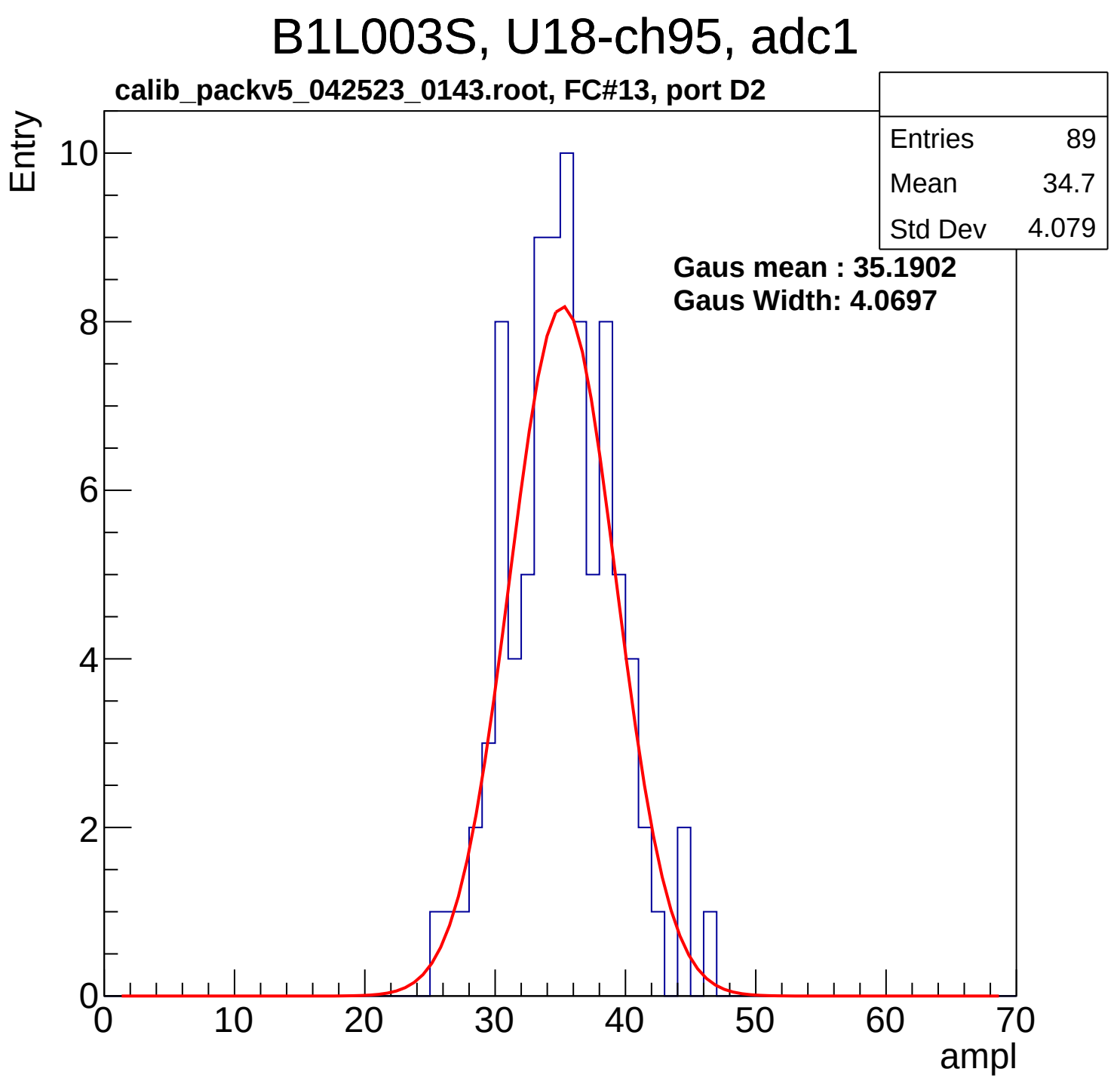

B1L003S, U18-ch94, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 52.55
Std Dev 3.302
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

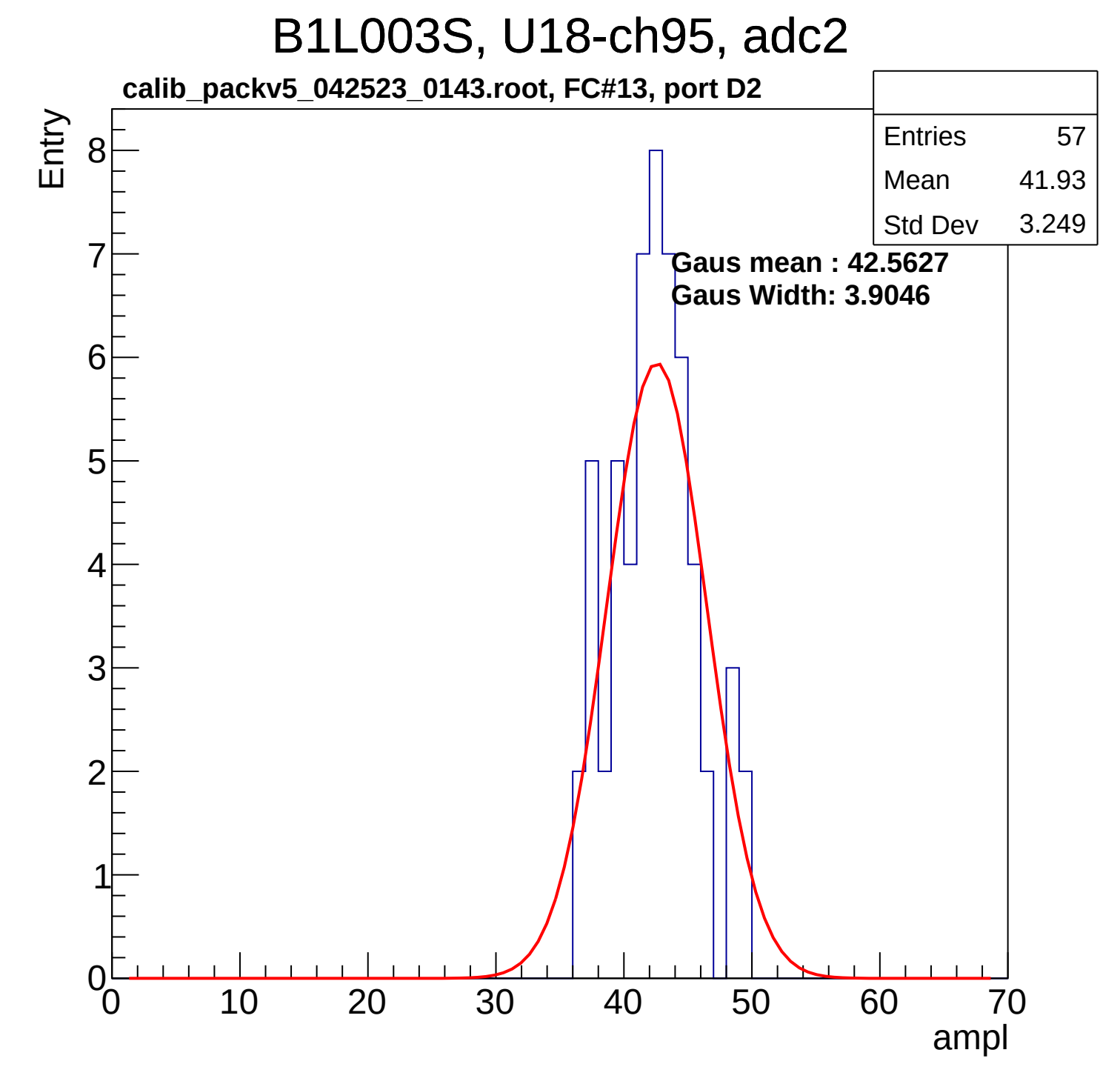

B1L003S, U18-ch94, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 59.04
Std Dev 2.388
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

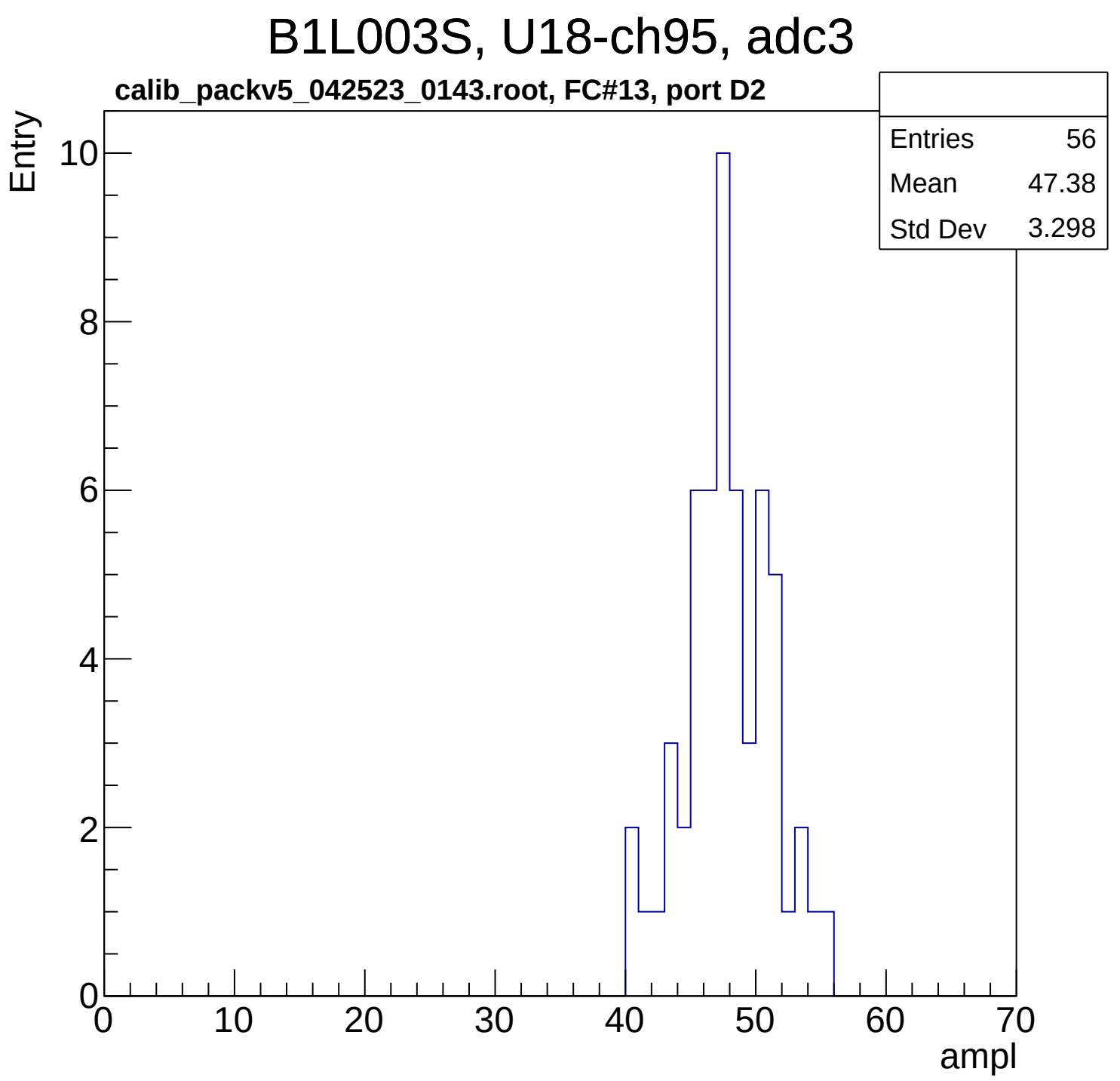

B1L003S, U18-ch94, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 22
Mean 57.86
Std Dev 12.81
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

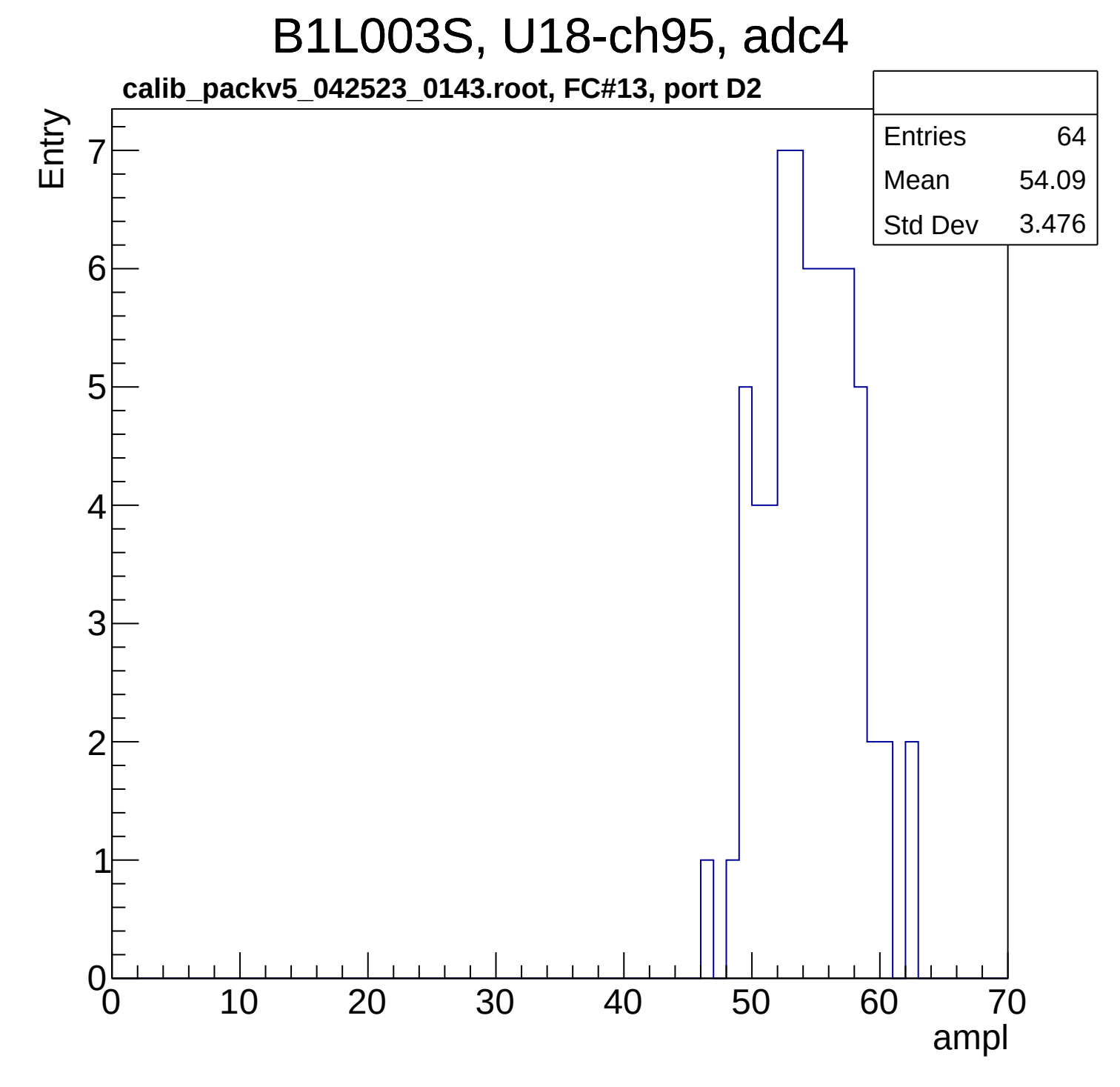

B1L003S, U18-ch94, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

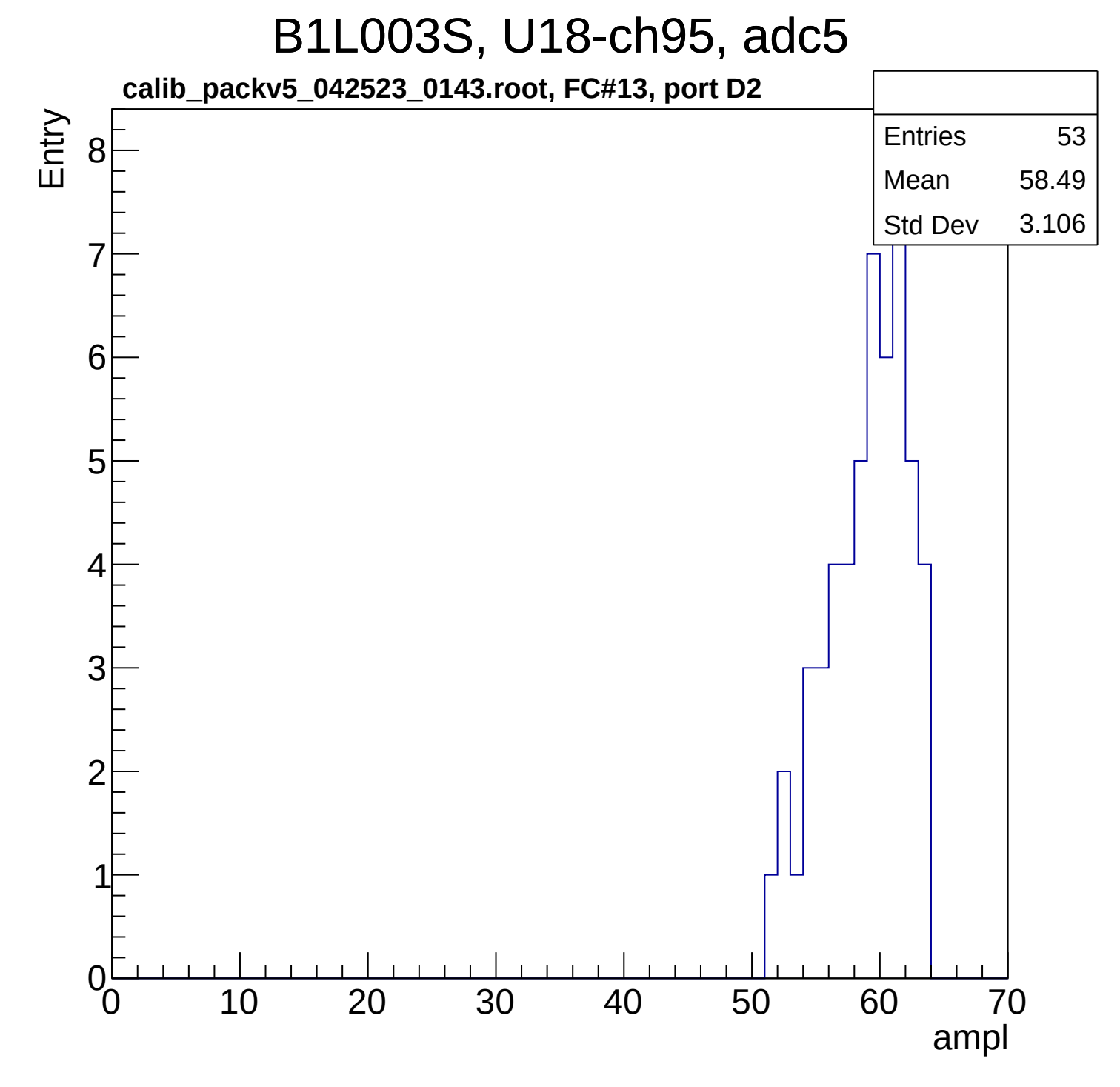

B1L003S, U18-ch95, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 27.35
Std Dev 3.187
Gaus mean : 27.4065
Gaus Width: 3.5032
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

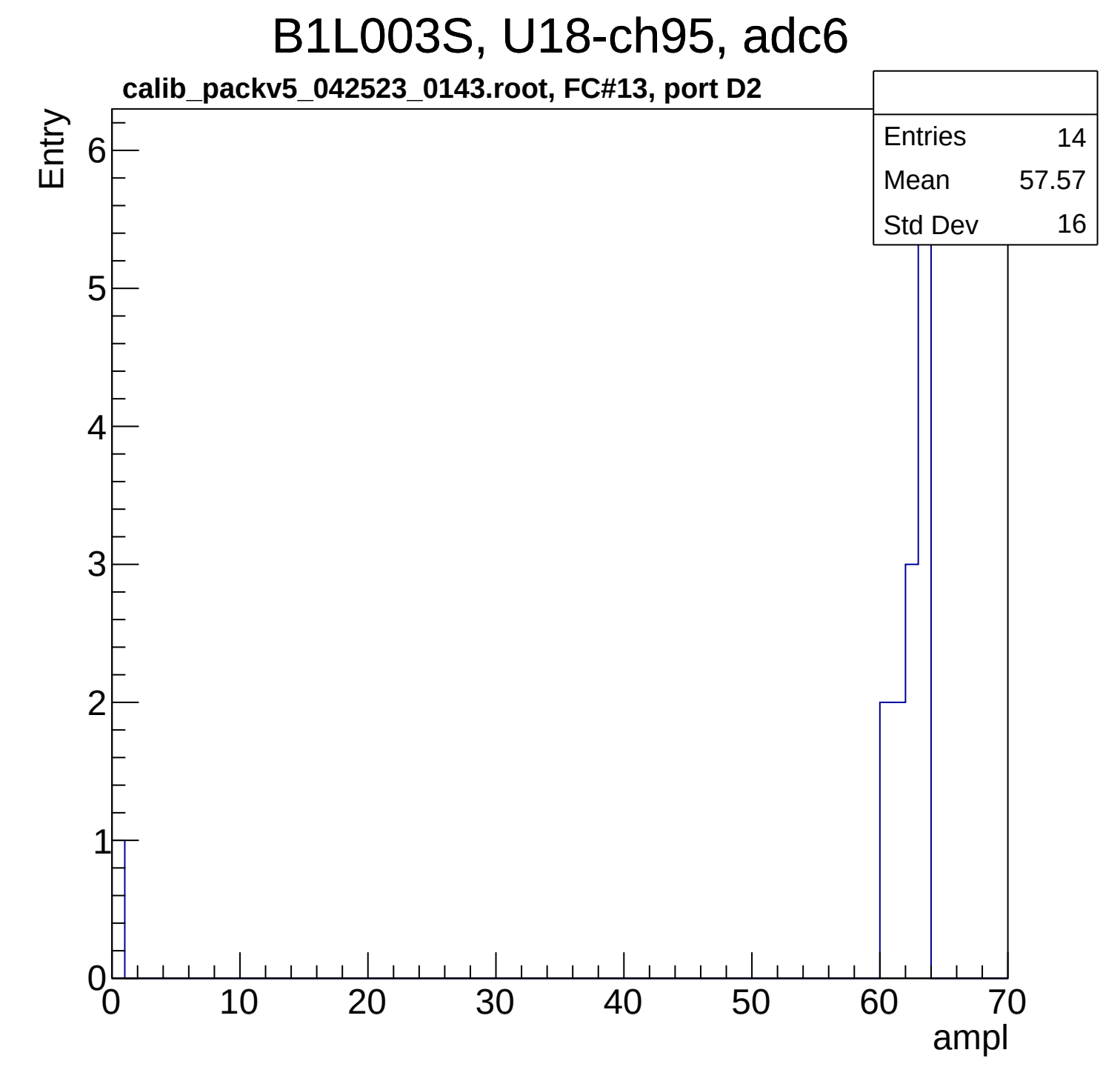

B1L003S, U18-ch95, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 89
Mean 34.7
Std Dev 4.079
Gaus mean : 35.1902
Gaus Width: 4.0697
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

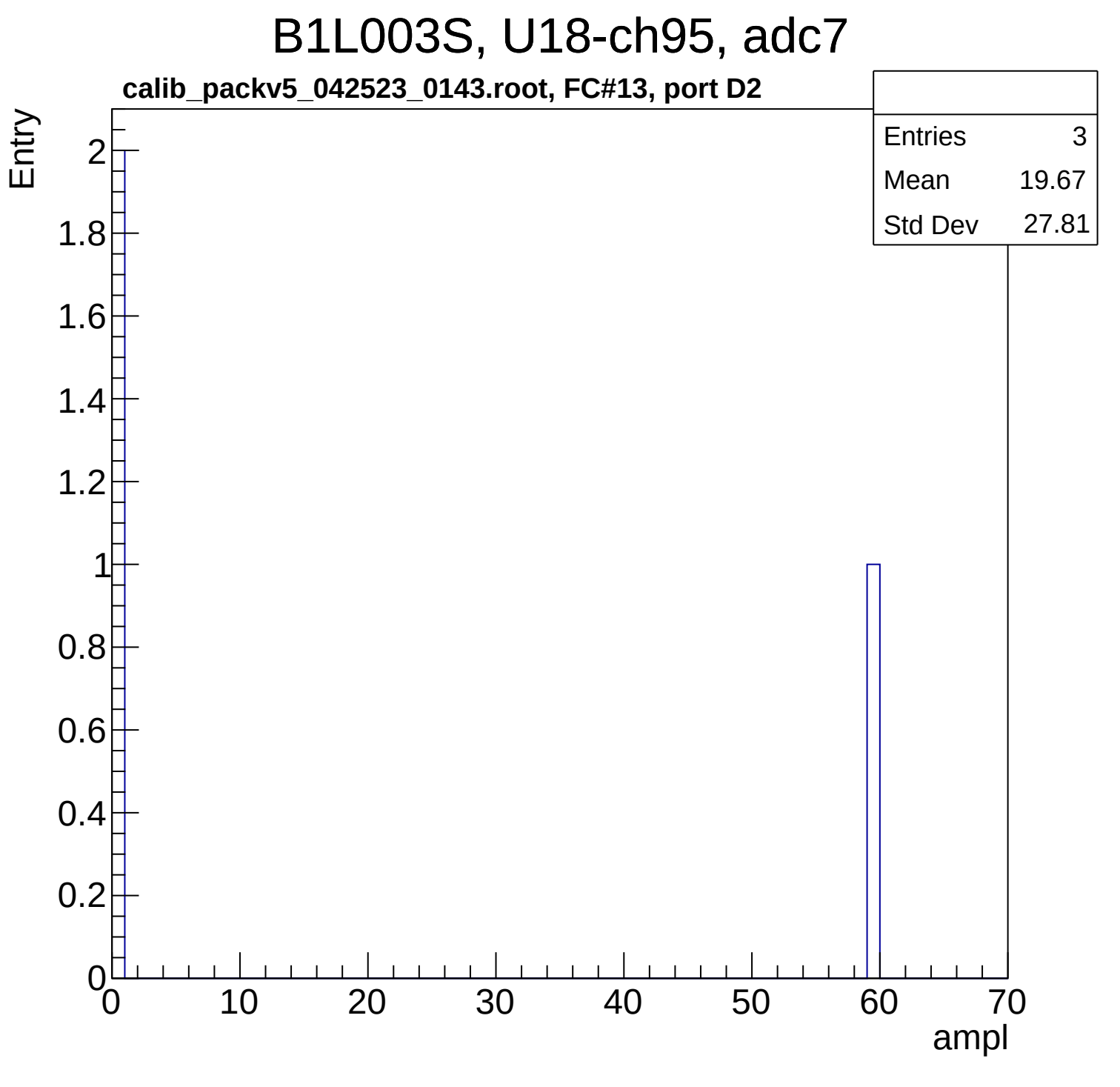

B1L003S, U18-ch95, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 41.93
Std Dev 3.249
Gaus mean : 42.5627
Gaus Width: 3.9046
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

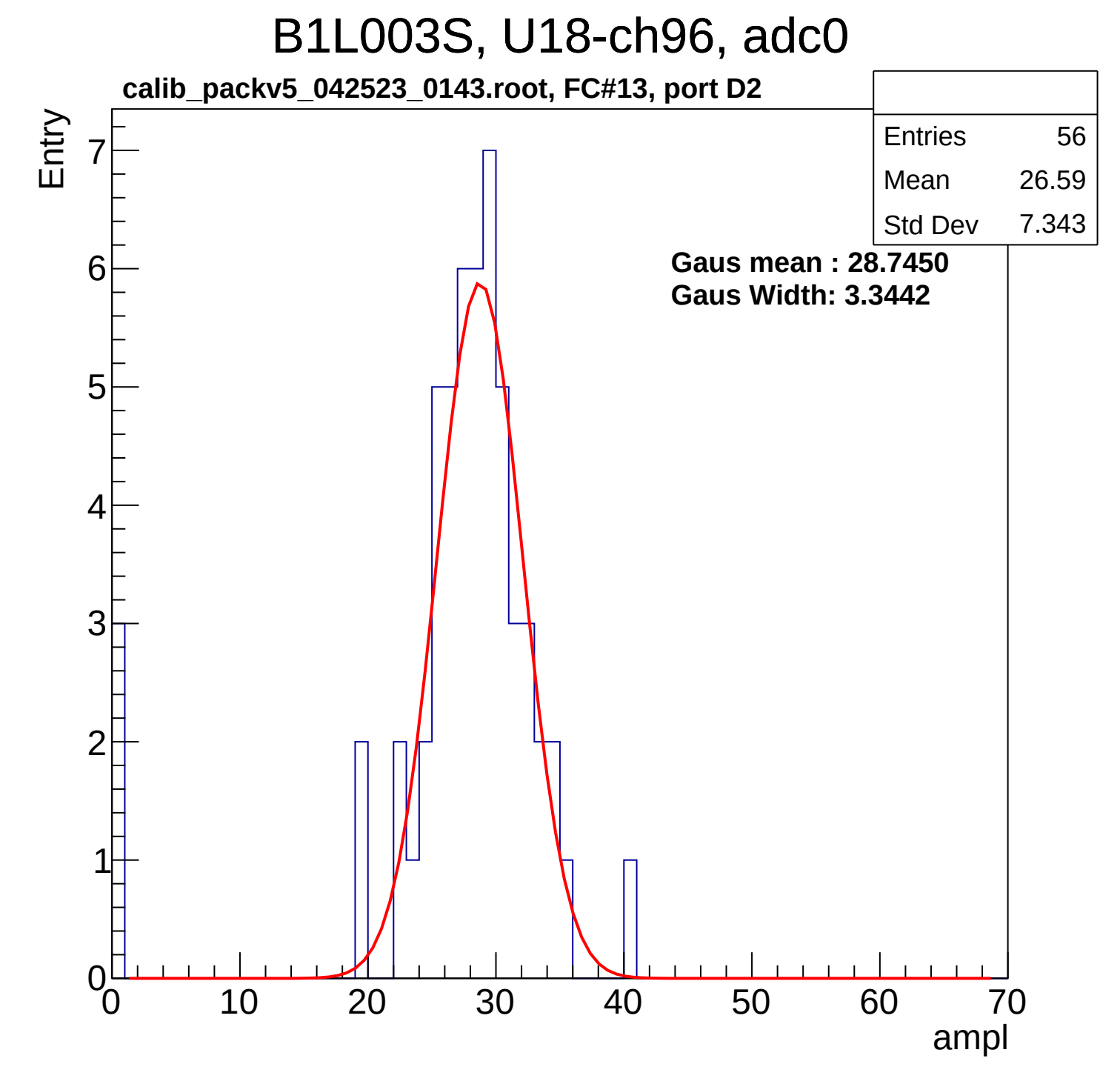

B1L003S, U18-ch95, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 47.38
Std Dev 3.298
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

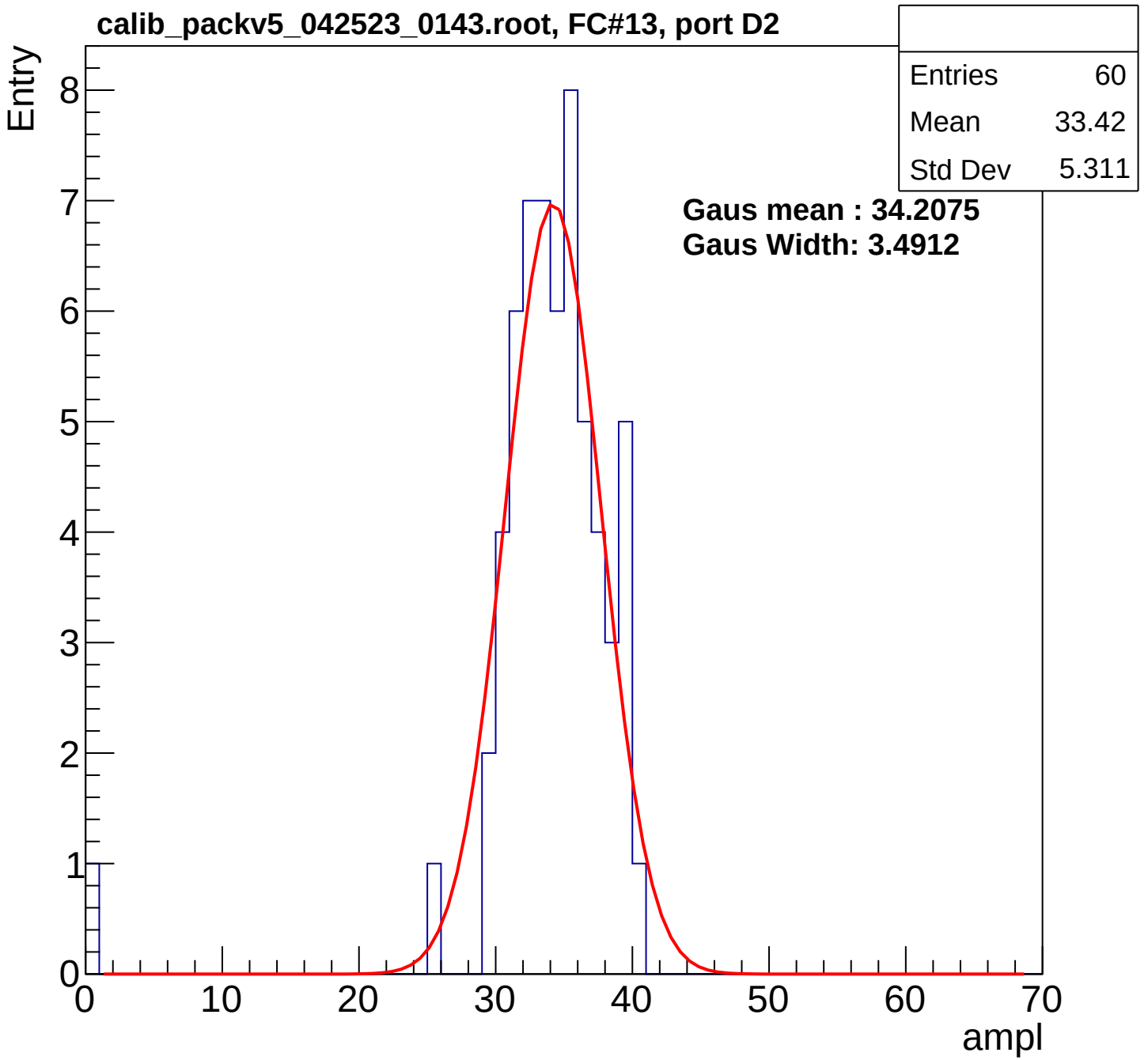

B1L003S, U18-ch95, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 54.09
Std Dev 3.476
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

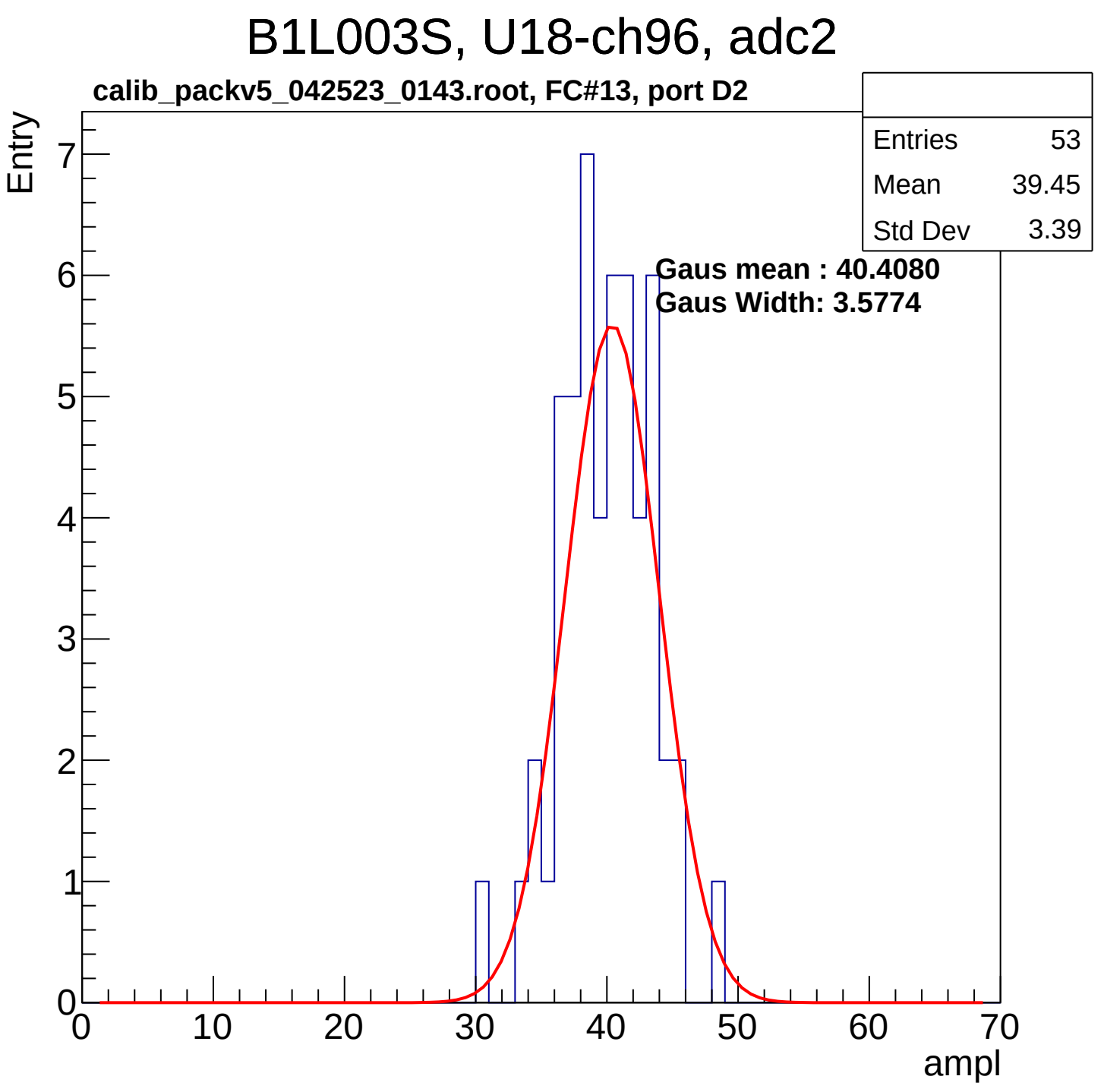

B1L003S, U18-ch95, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 58.49
Std Dev 3.106
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

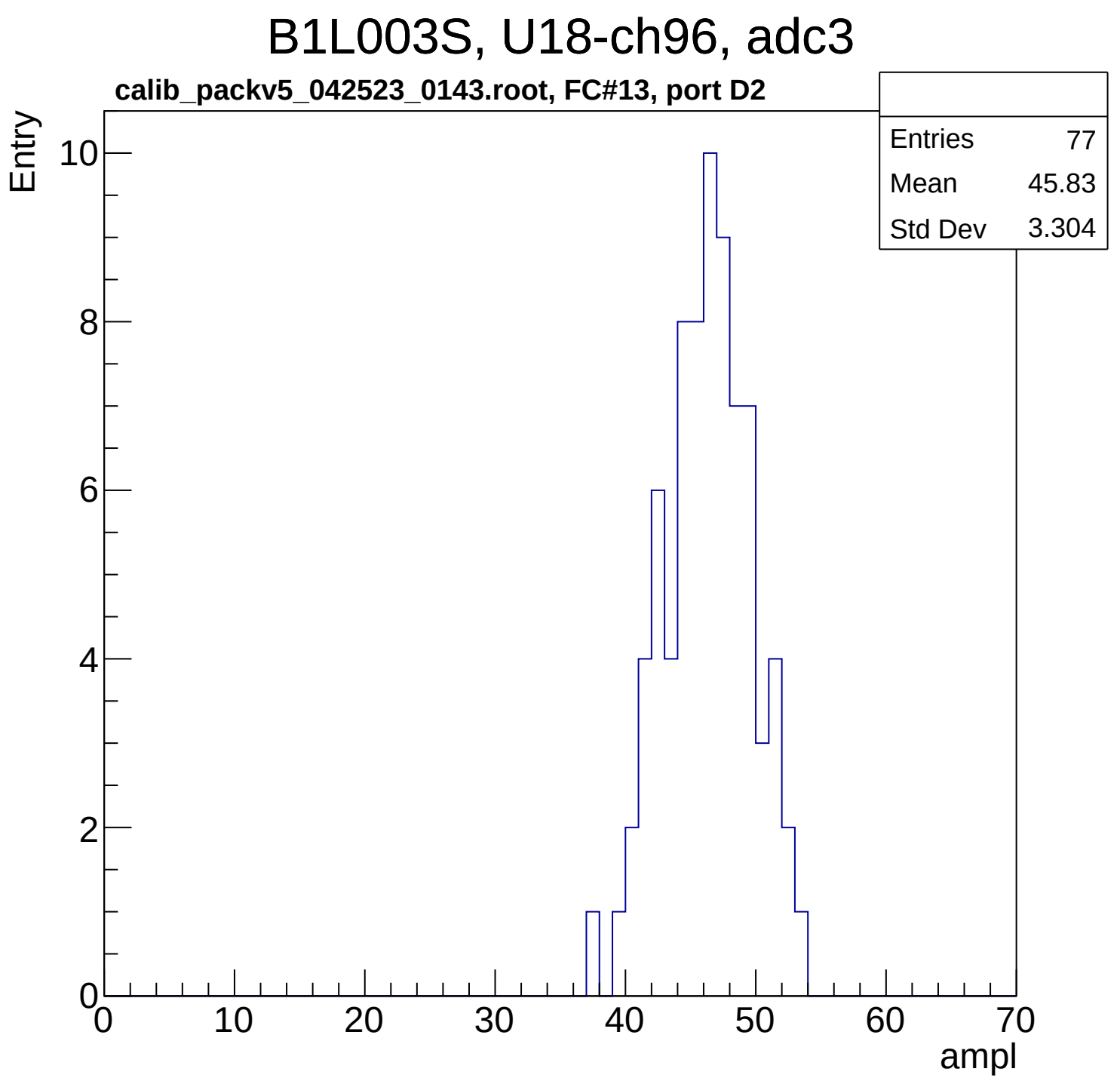

B1L003S, U18-ch95, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 14
Mean 57.57
Std Dev 16
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

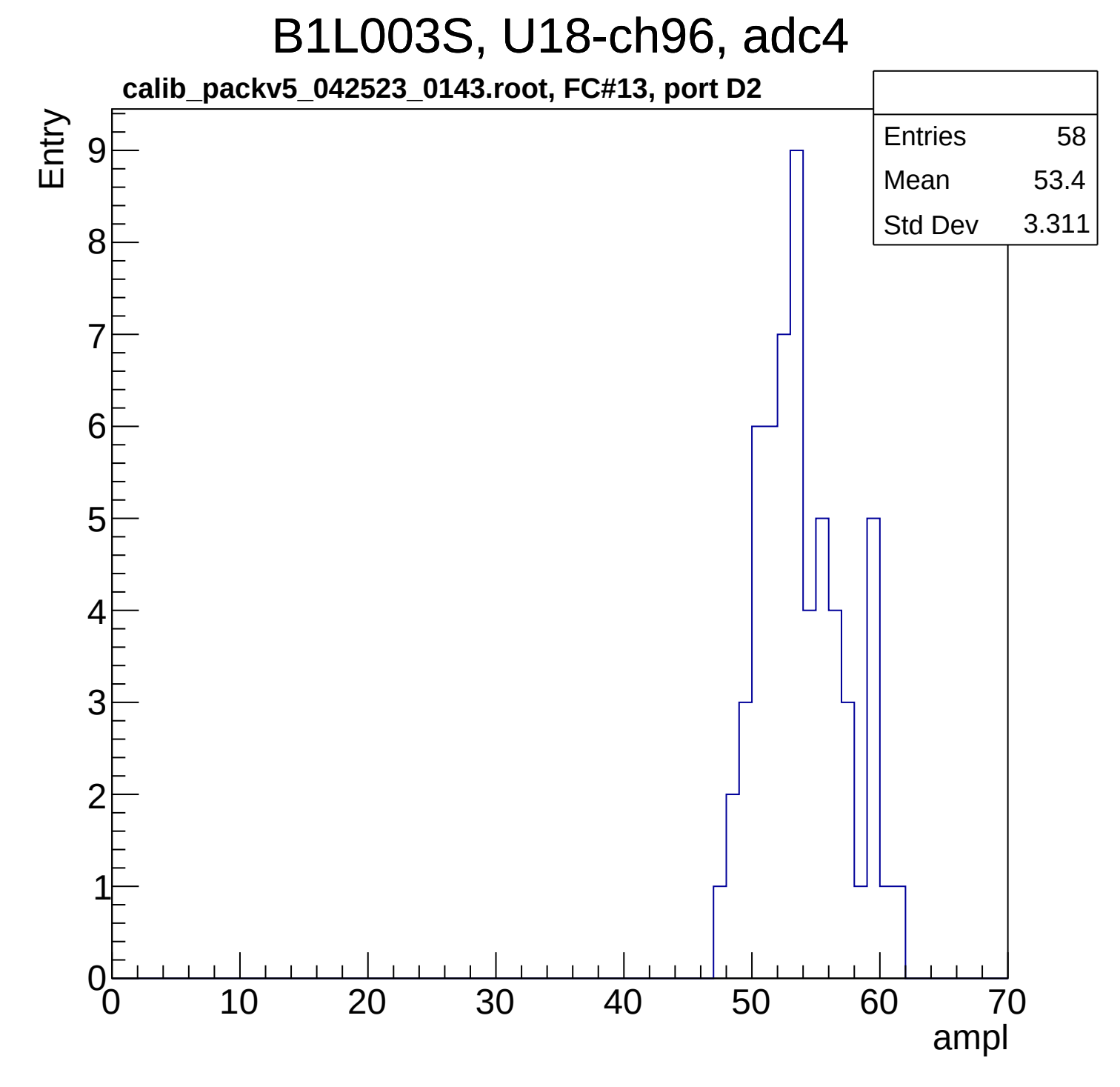

B1L003S, U18-ch95, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 19.67
Std Dev 27.81
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

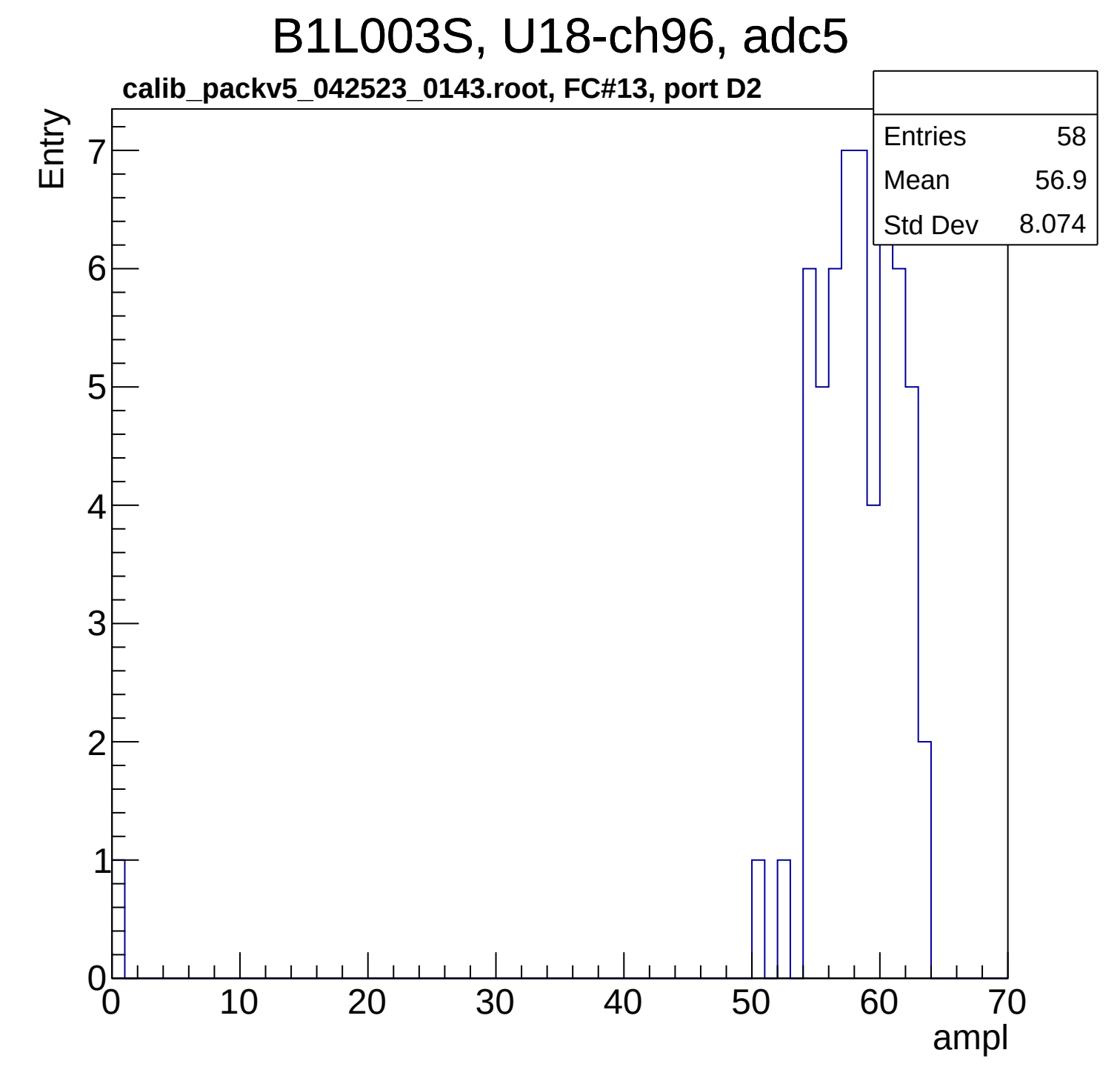

B1L003S, U18-ch96, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 26.59
Std Dev 7.343
Gaus mean : 28.7450
Gaus Width: 3.3442
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

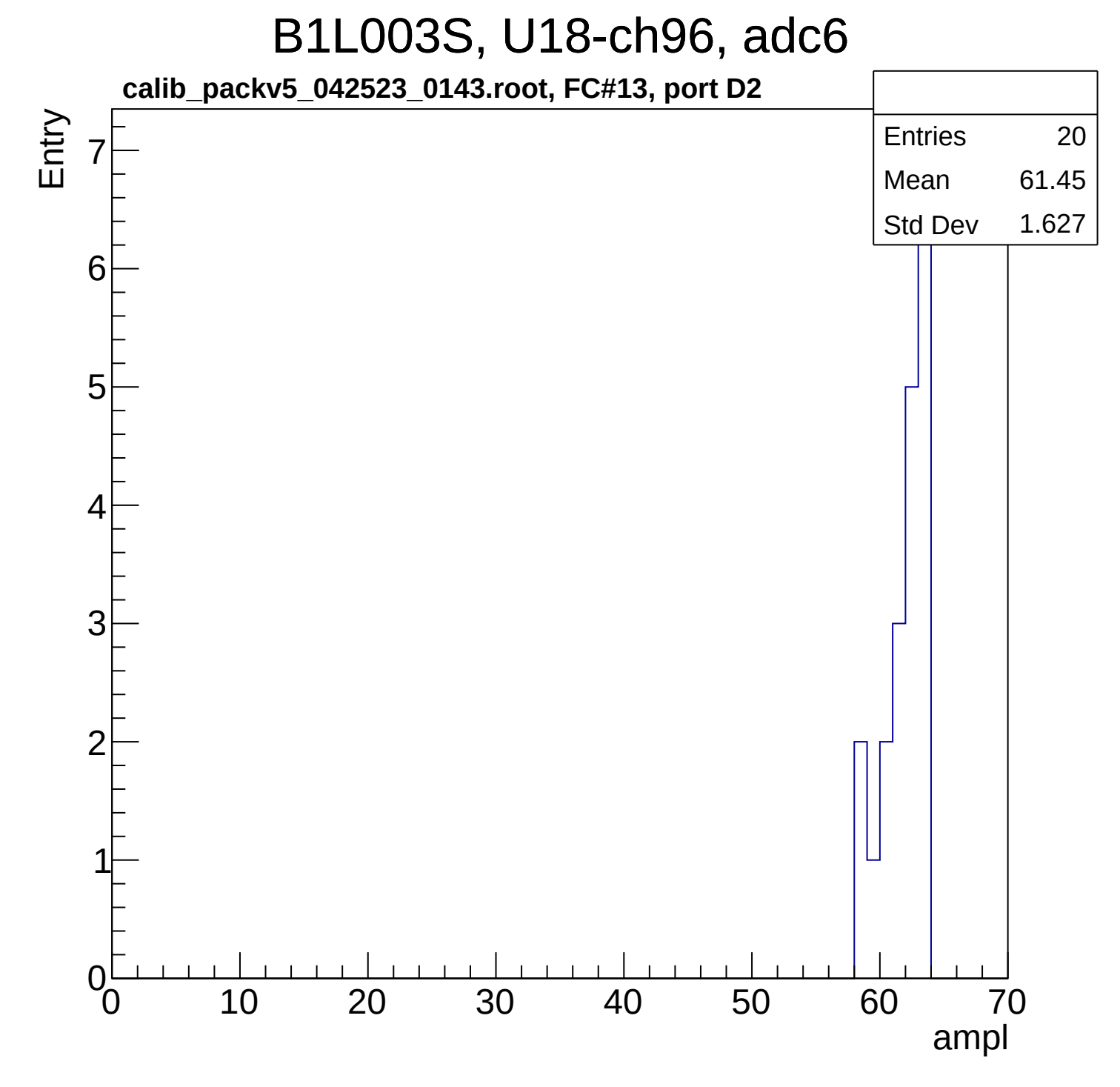

B1L003S, U18-ch96, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 33.42
Std Dev 5.311
Gaus mean : 34.2075
Gaus Width: 3.4912
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

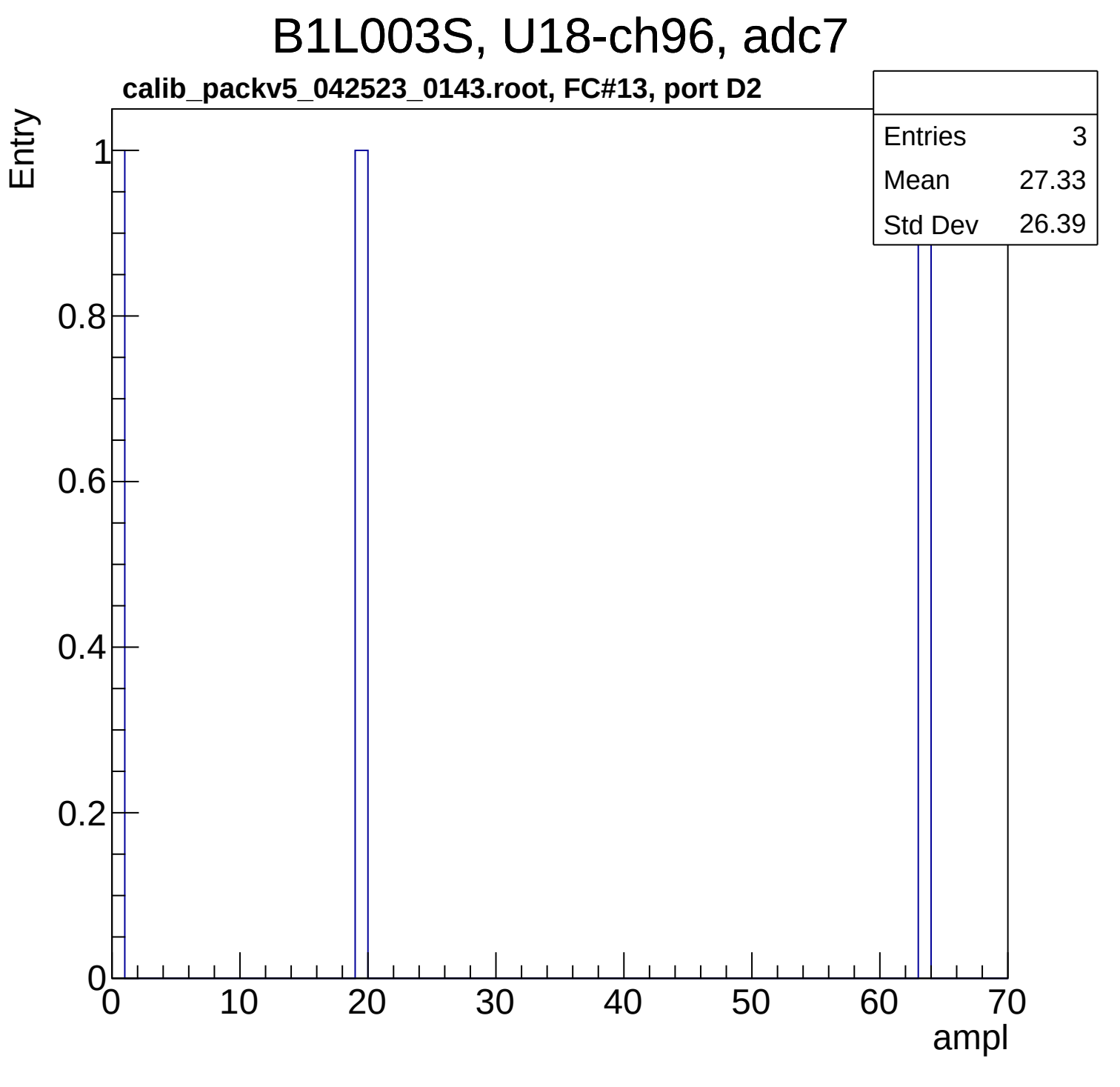

B1L003S, U18-ch96, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 39.45
Std Dev 3.39
Gaus mean : 40.4080
Gaus Width: 3.5774
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

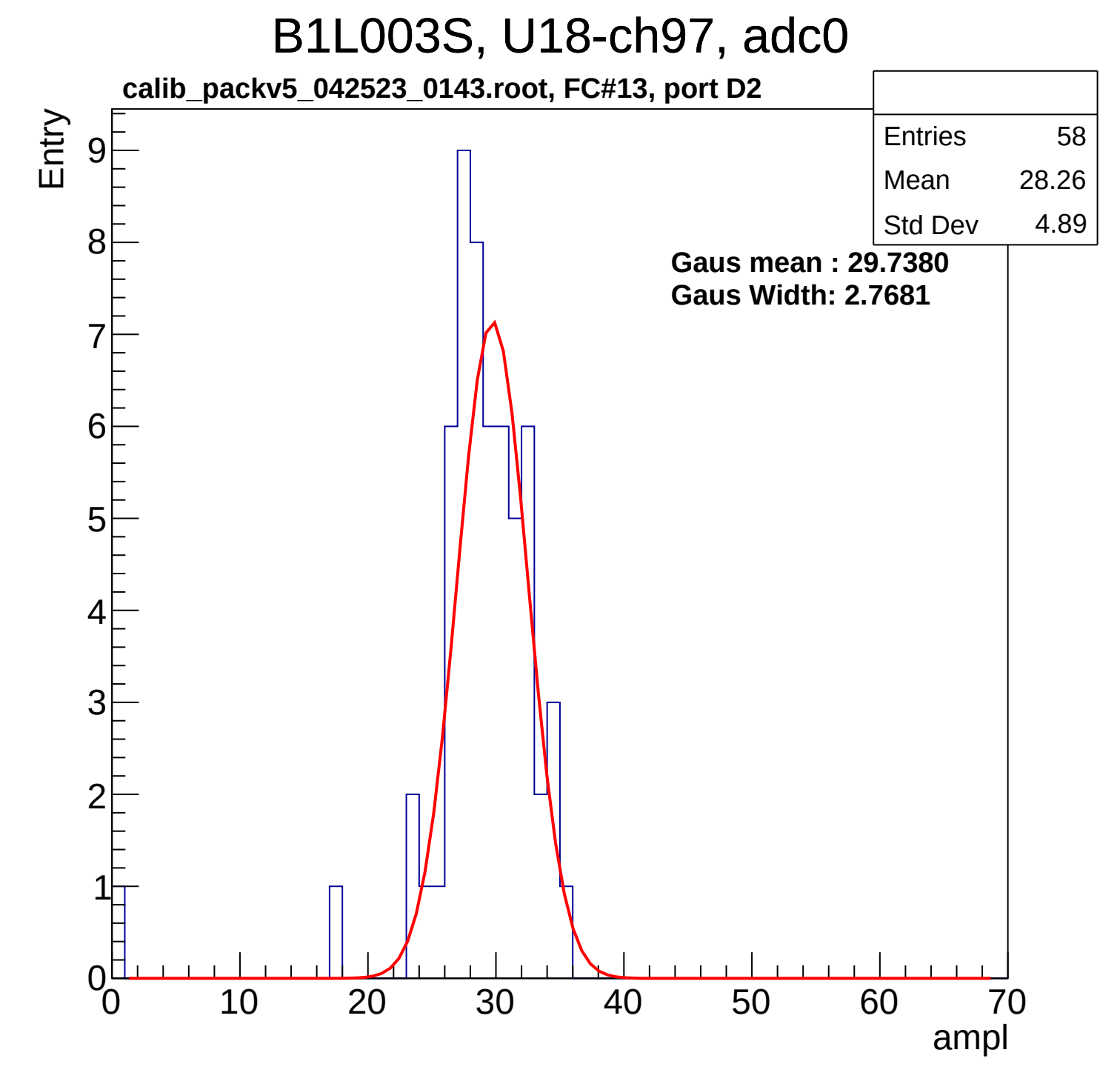

B1L003S, U18-ch96, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 45.83
Std Dev 3.304
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

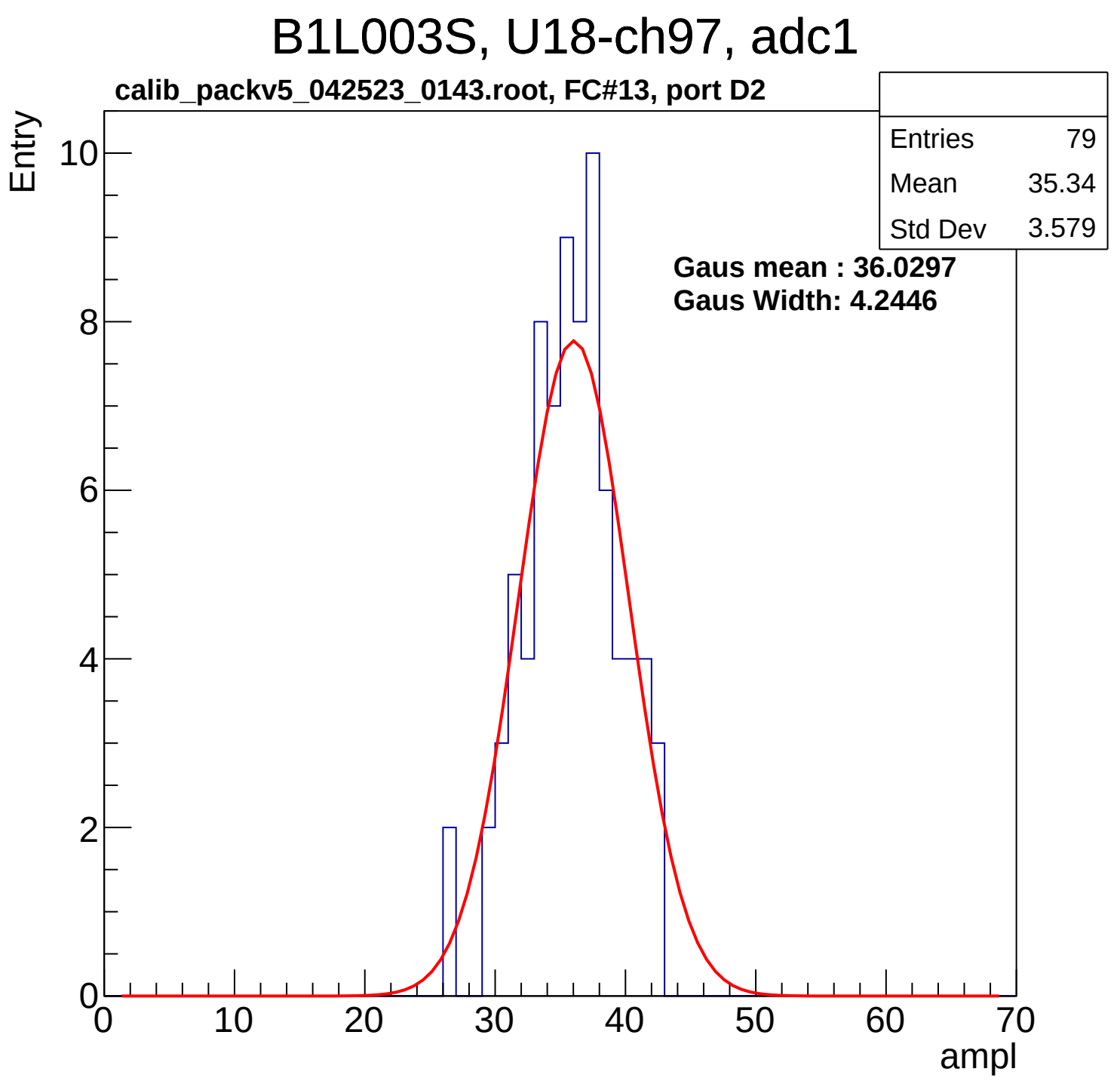

B1L003S, U18-ch96, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 53.4
Std Dev 3.311
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

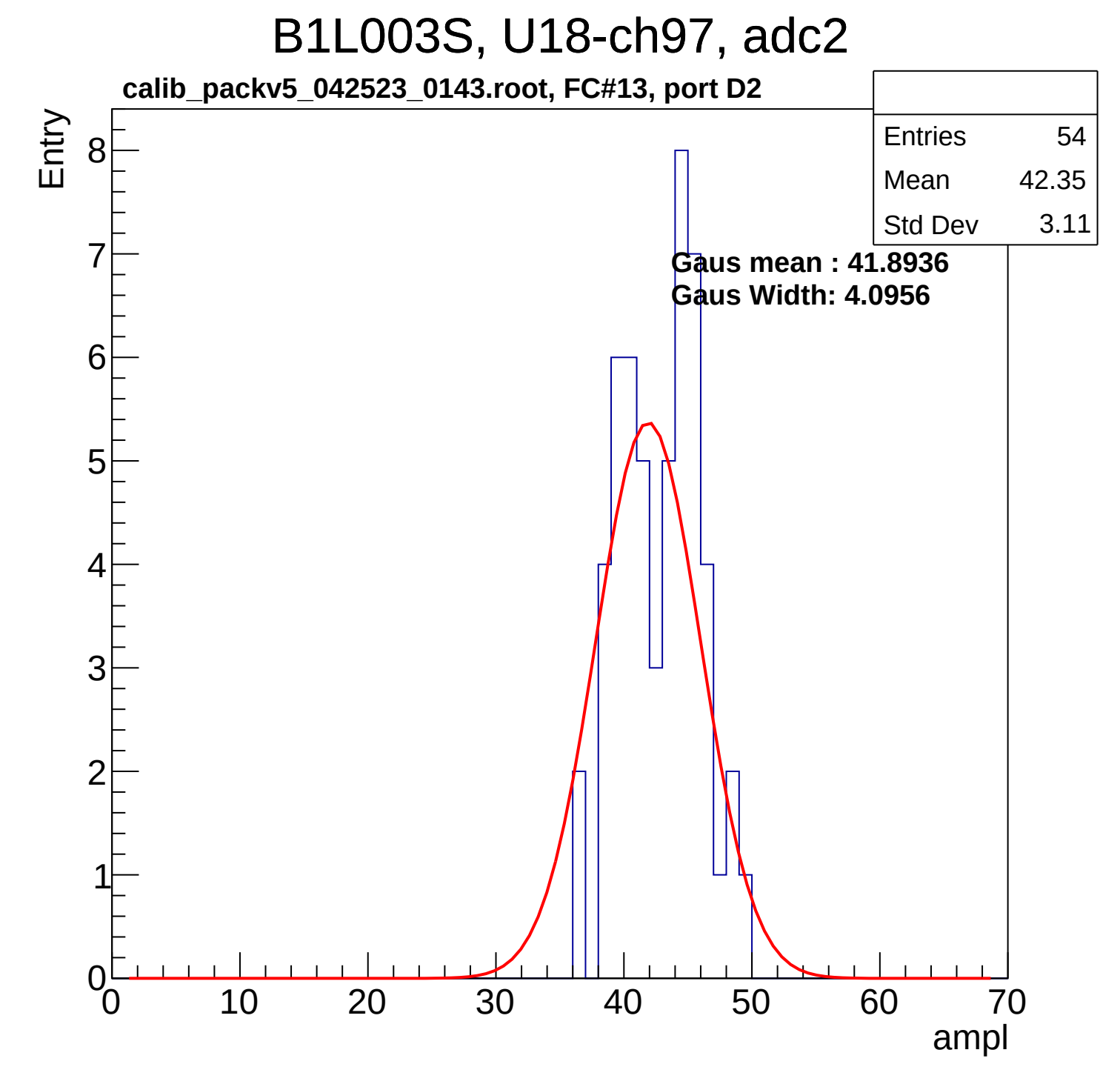

B1L003S, U18-ch96, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 56.9
Std Dev 8.074
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

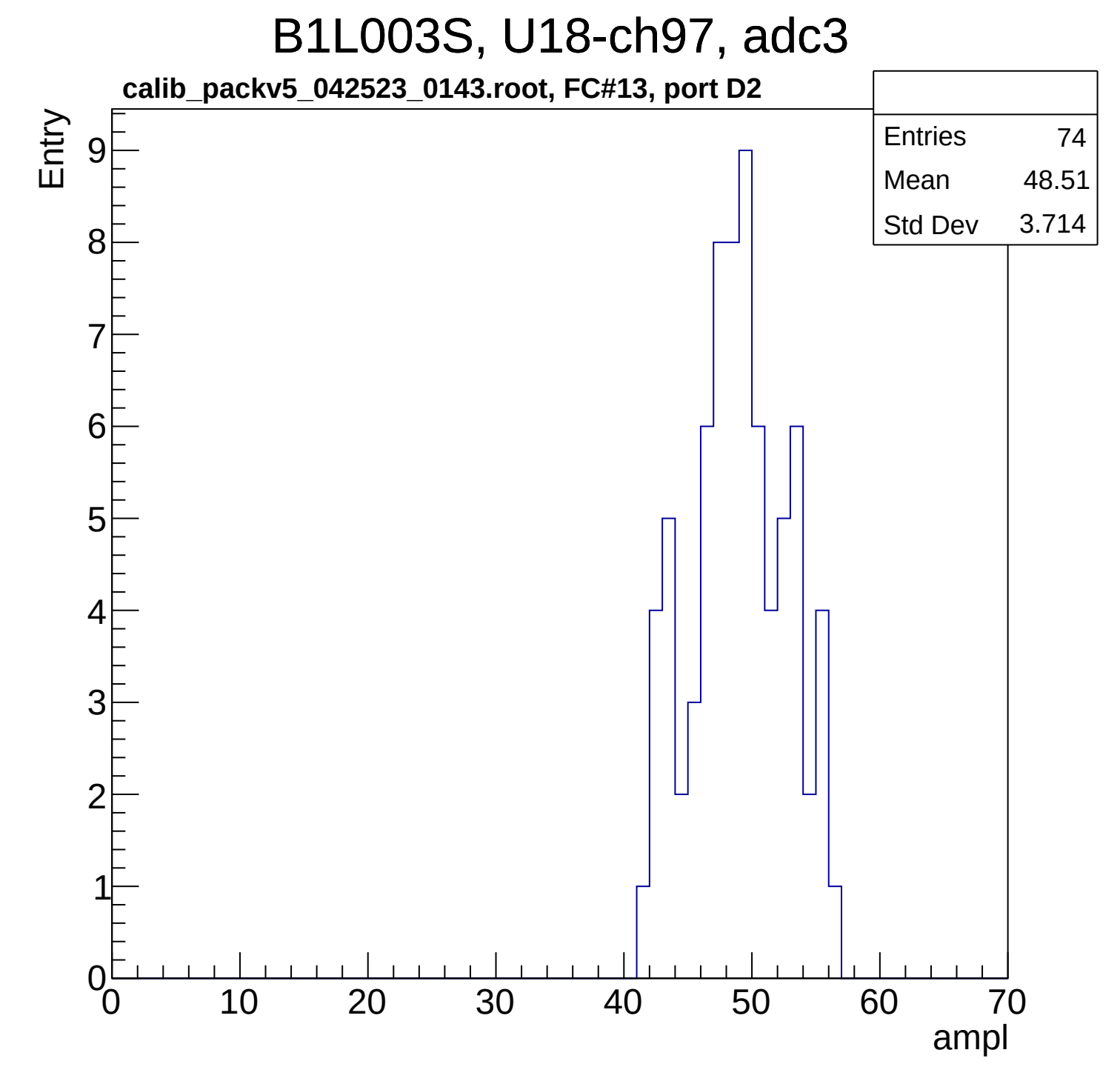

B1L003S, U18-ch96, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 20
Mean 61.45
Std Dev 1.627
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

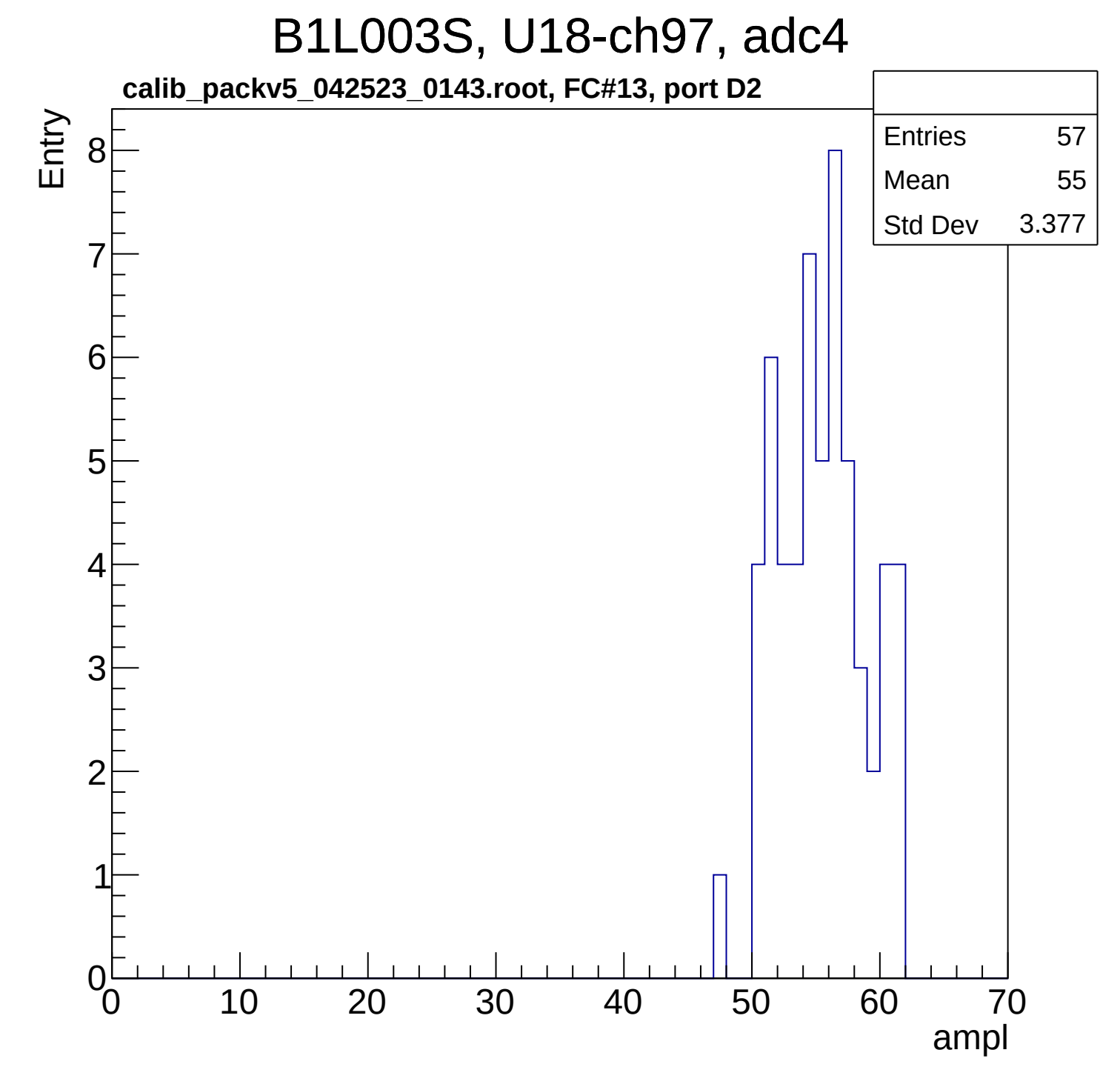

B1L003S, U18-ch96, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 27.33
Std Dev 26.39
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

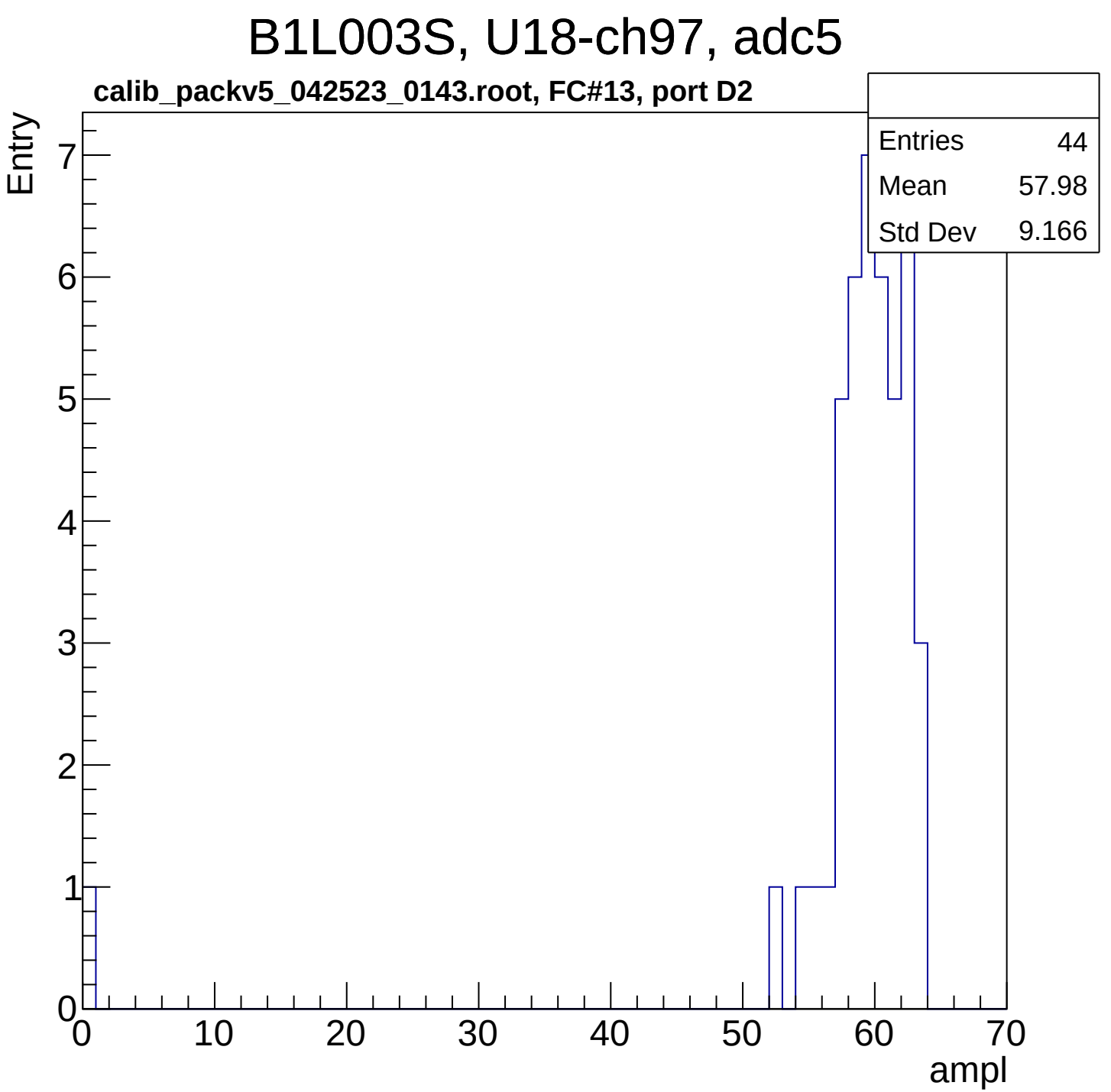

B1L003S, U18-ch97, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 28.26
Std Dev 4.89
Gaus mean : 29.7380
Gaus Width: 2.7681
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

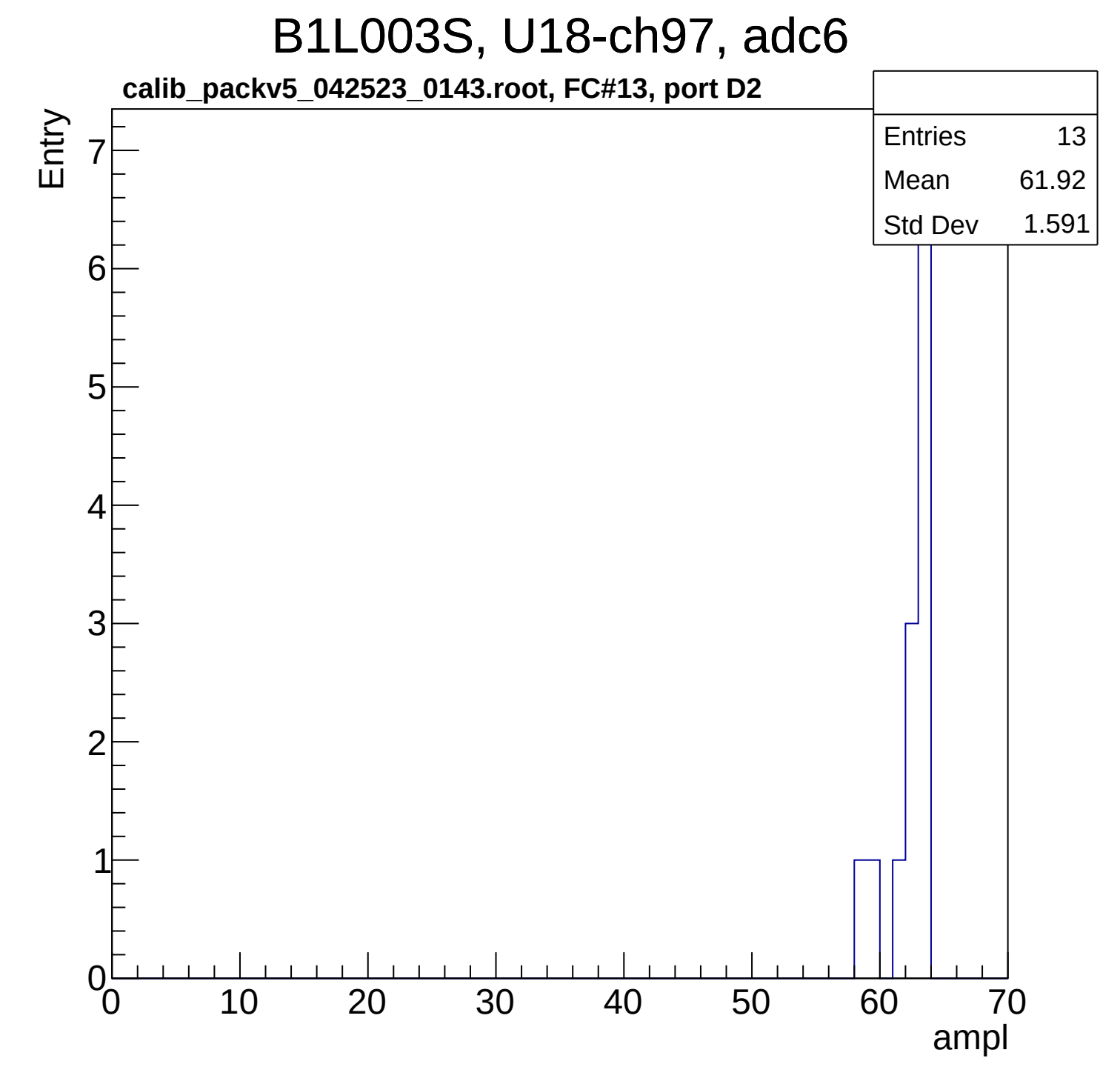

B1L003S, U18-ch97, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 35.34
Std Dev 3.579
Gaus mean : 36.0297
Gaus Width: 4.2446
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

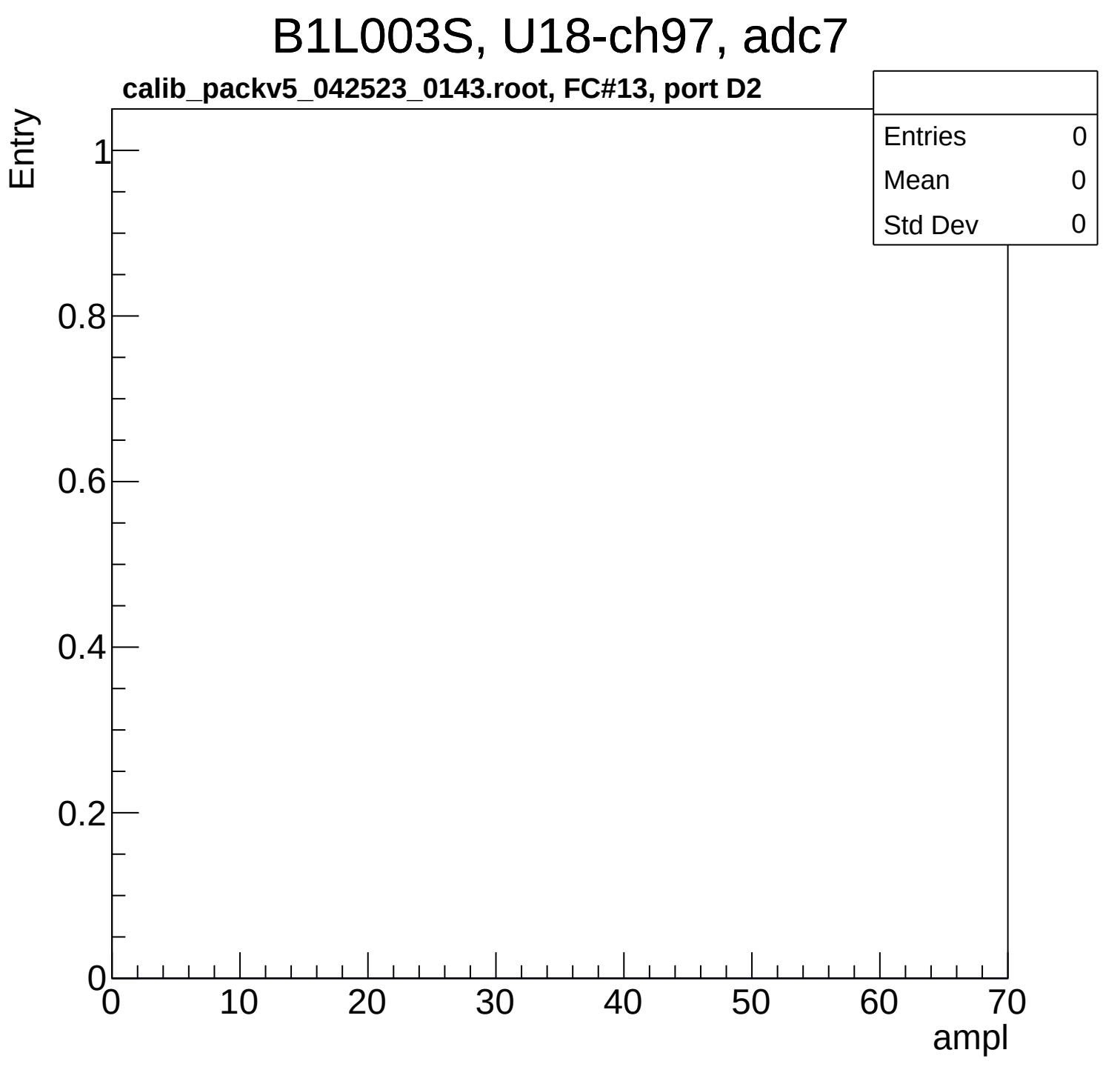

B1L003S, U18-ch97, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 42.35
Std Dev 3.11
Gaus mean : 41.8936
Gaus Width: 4.0956
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

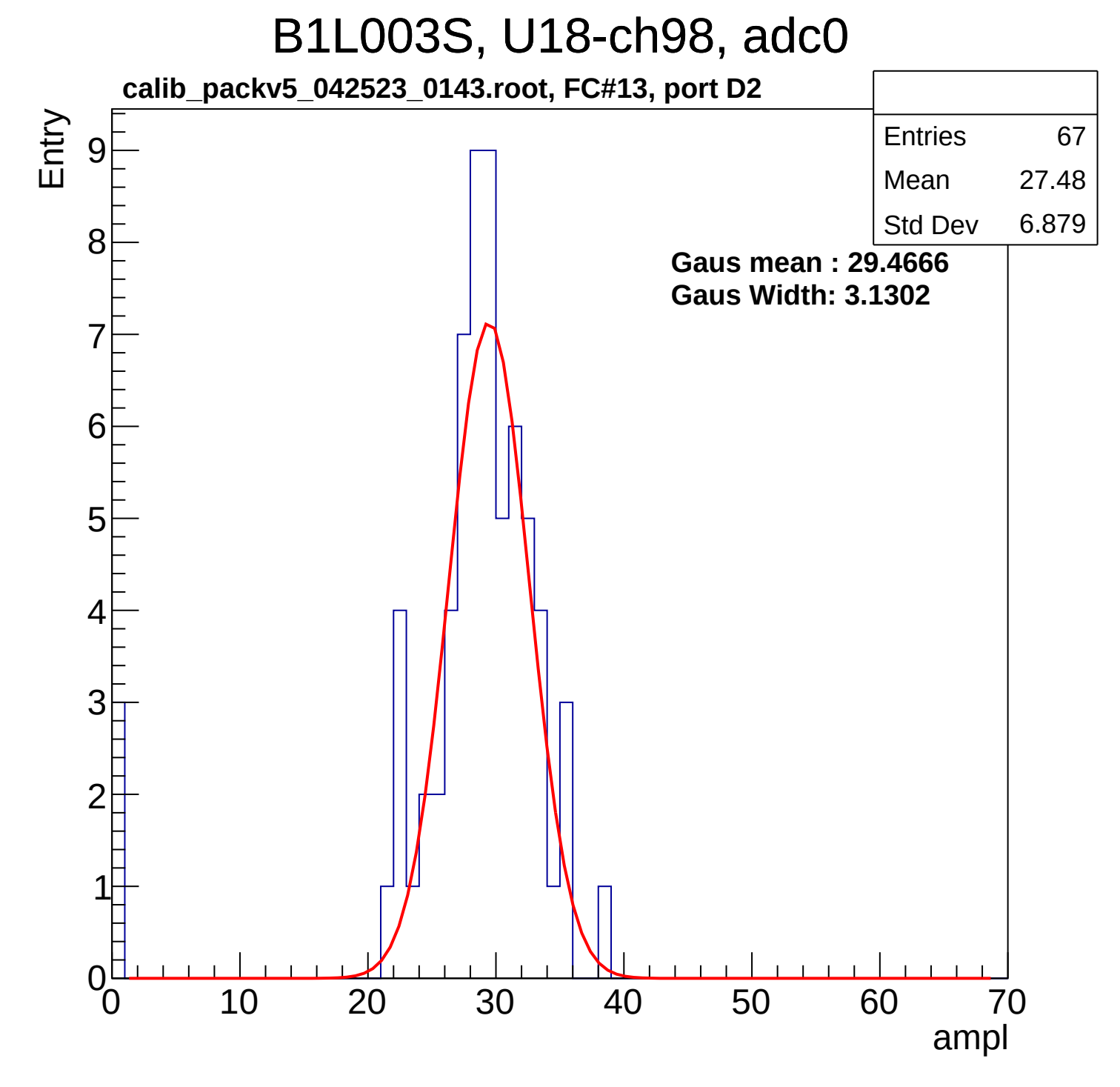

B1L003S, U18-ch97, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 48.51
Std Dev 3.714
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

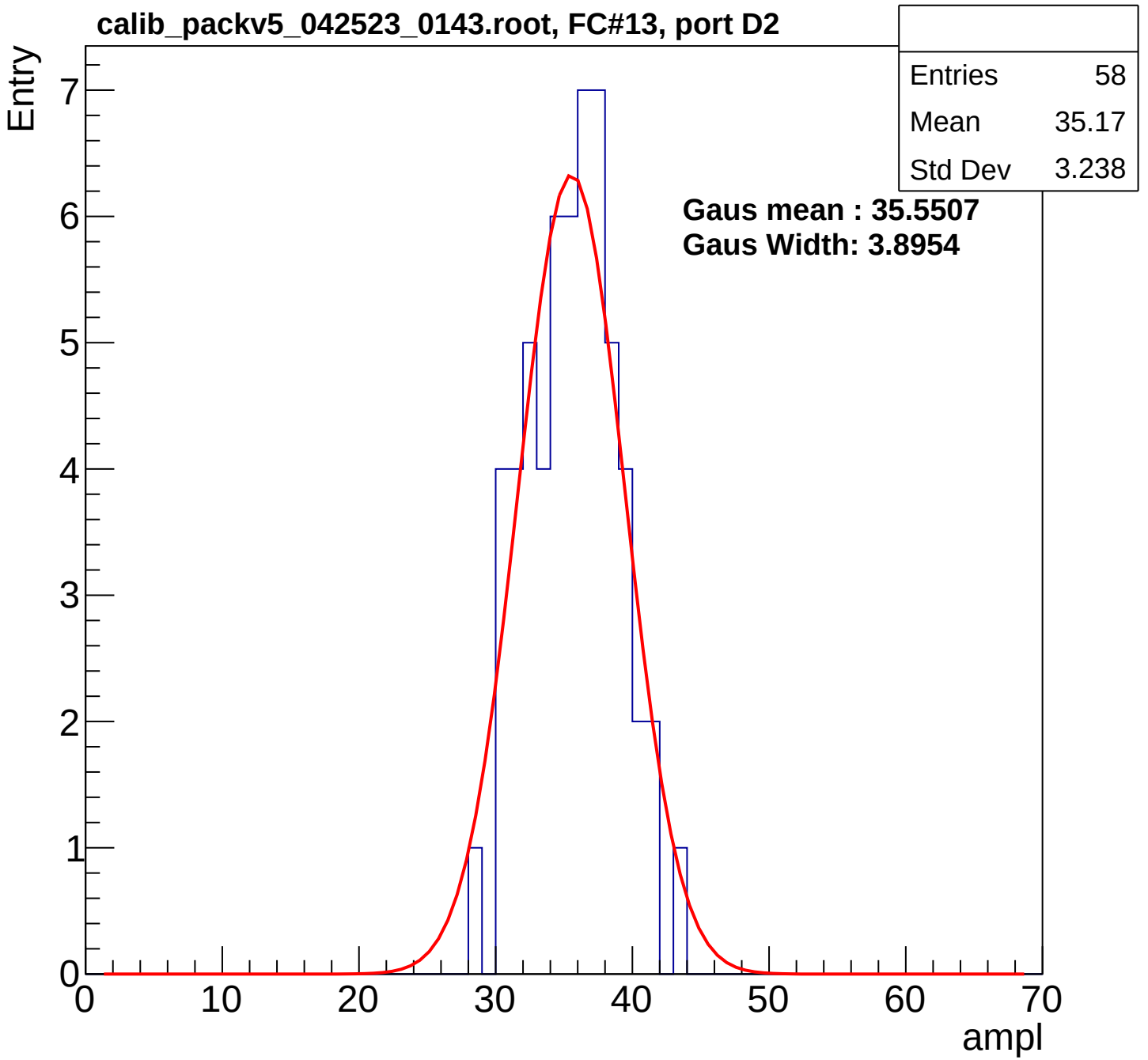

B1L003S, U18-ch97, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 55
Std Dev 3.377
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

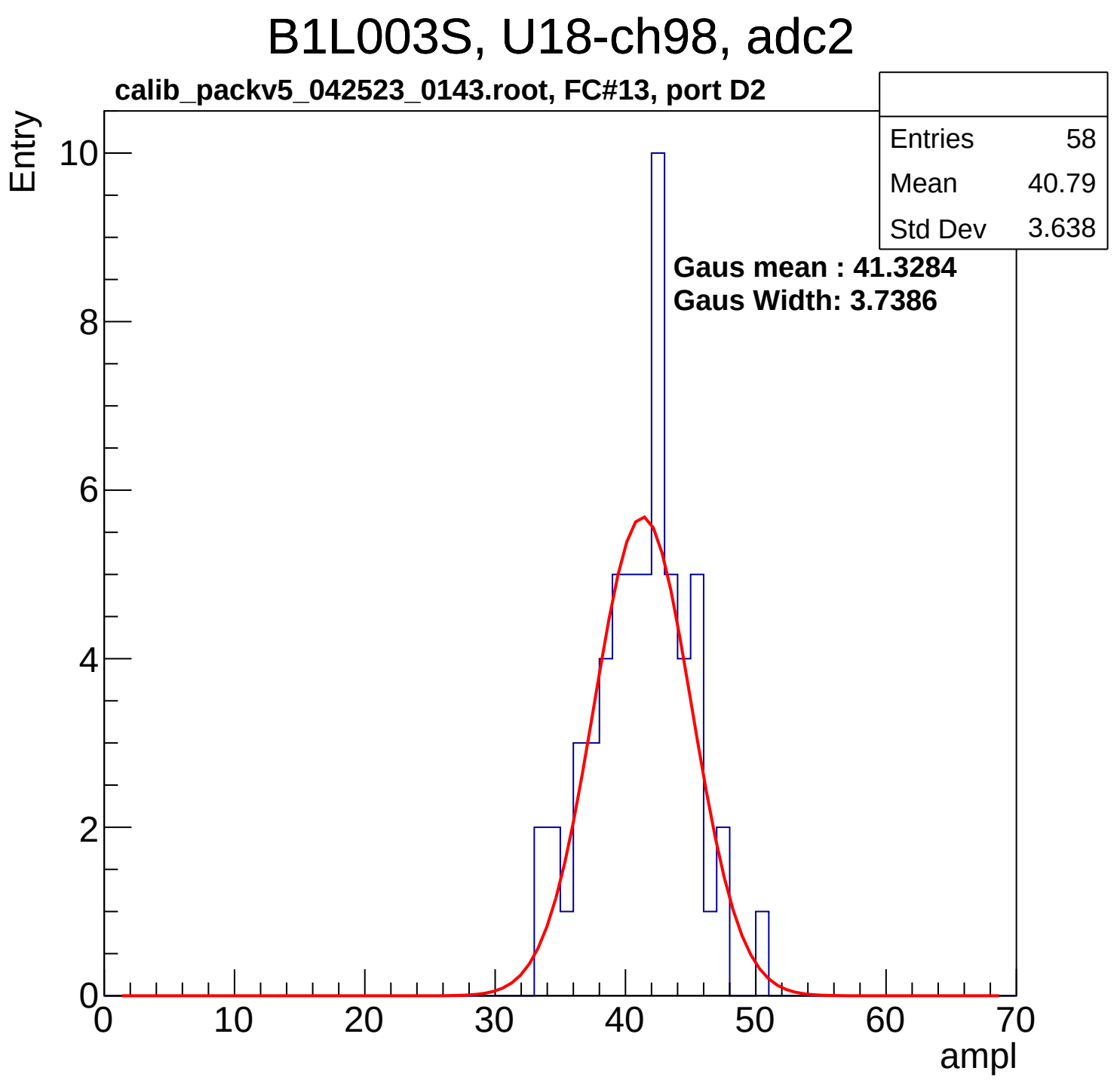

B1L003S, U18-ch97, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 57.98
Std Dev 9.166
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

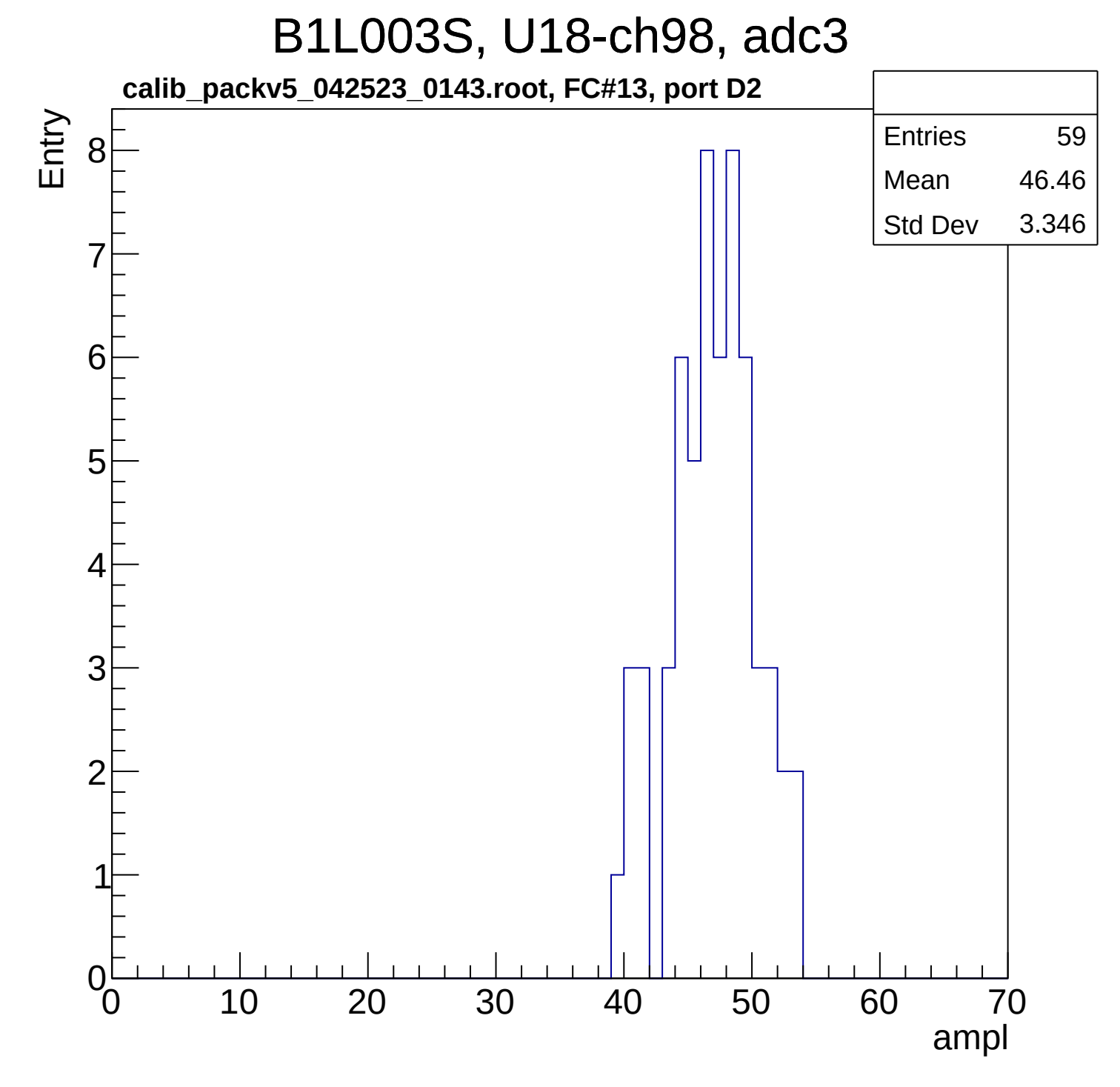

B1L003S, U18-ch97, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 13
Mean 61.92
Std Dev 1.591
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

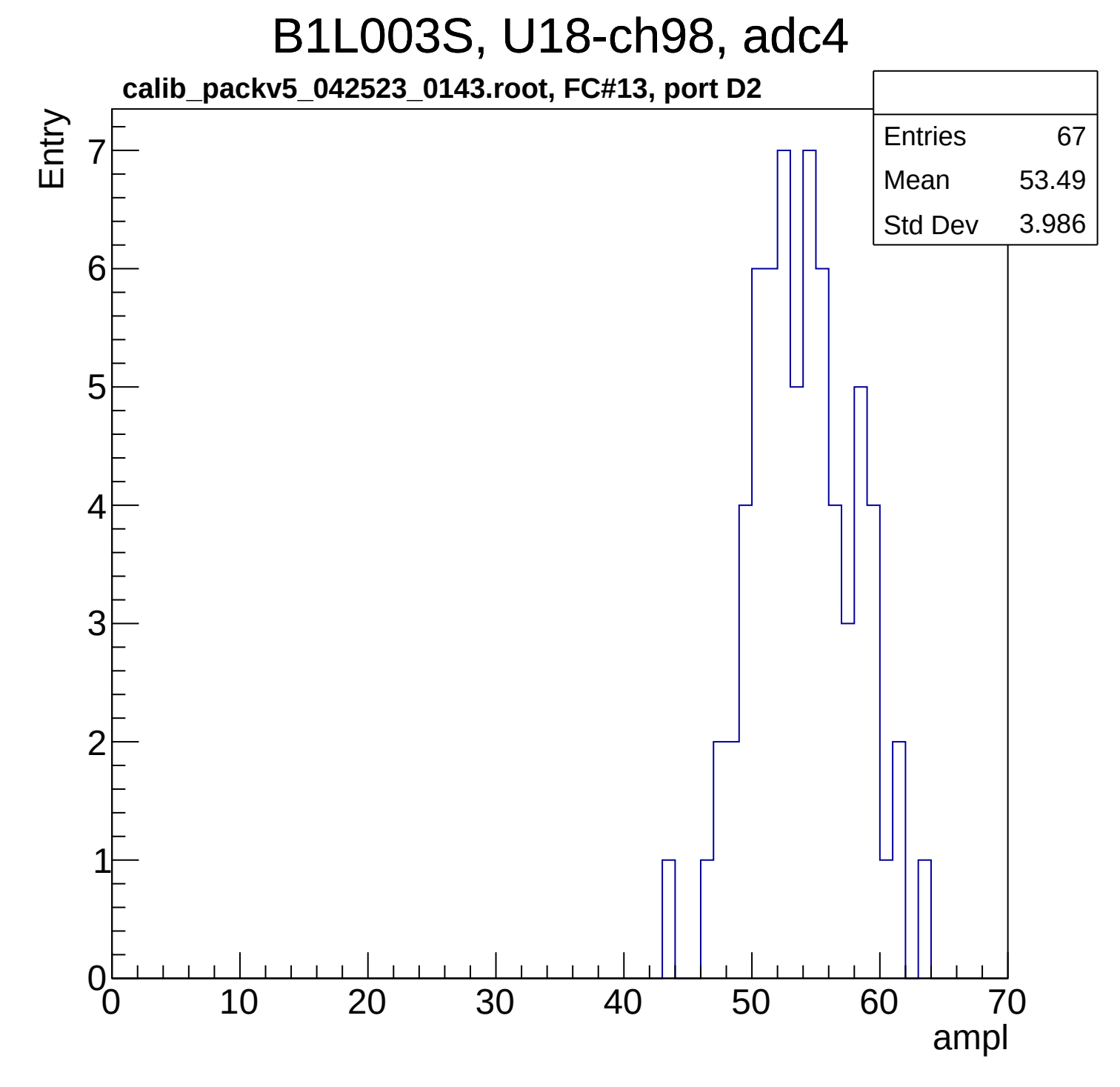

B1L003S, U18-ch97, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

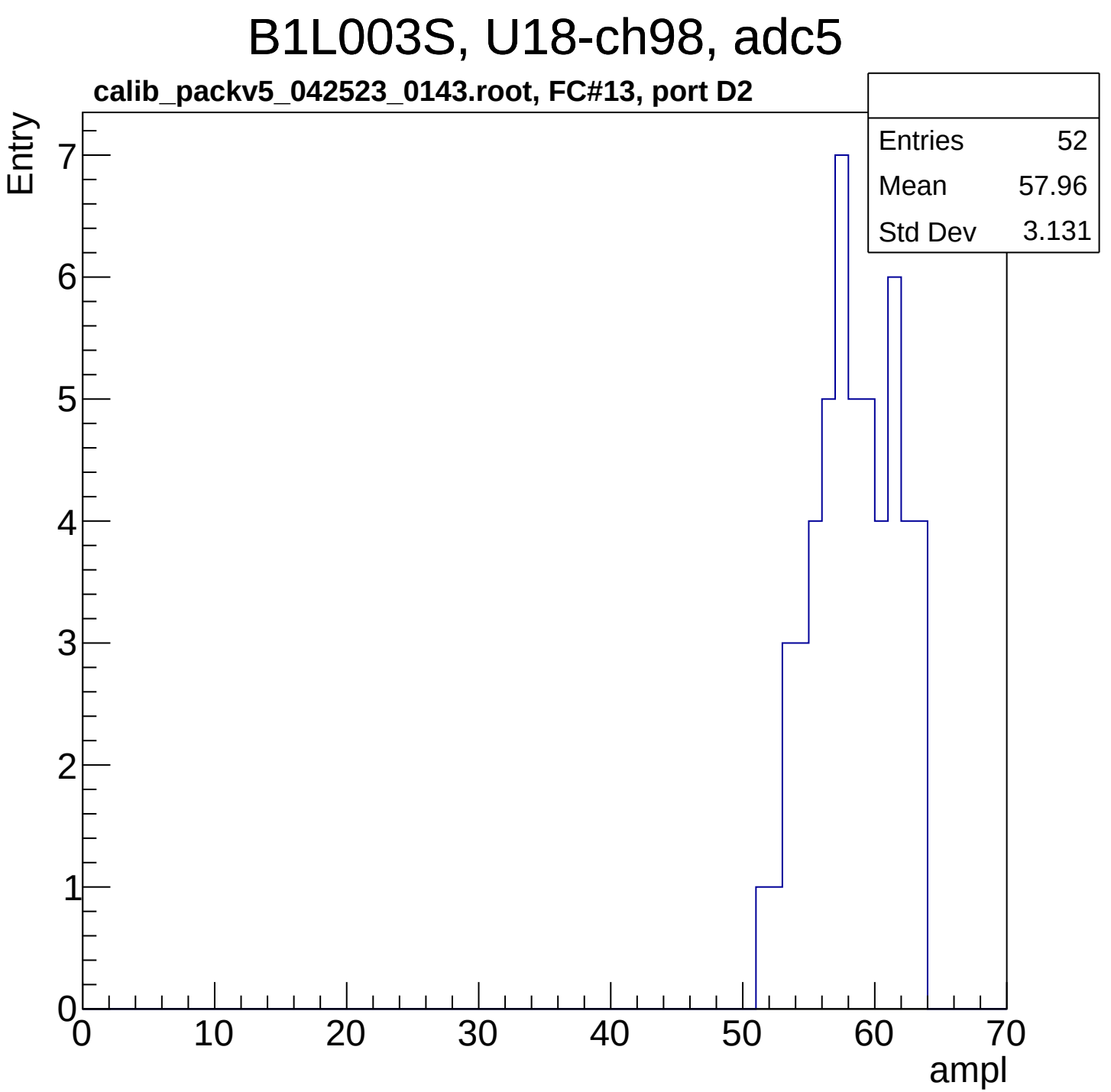

B1L003S, U18-ch98, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 27.48
Std Dev 6.879
Gaus mean : 29.4666
Gaus Width: 3.1302
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

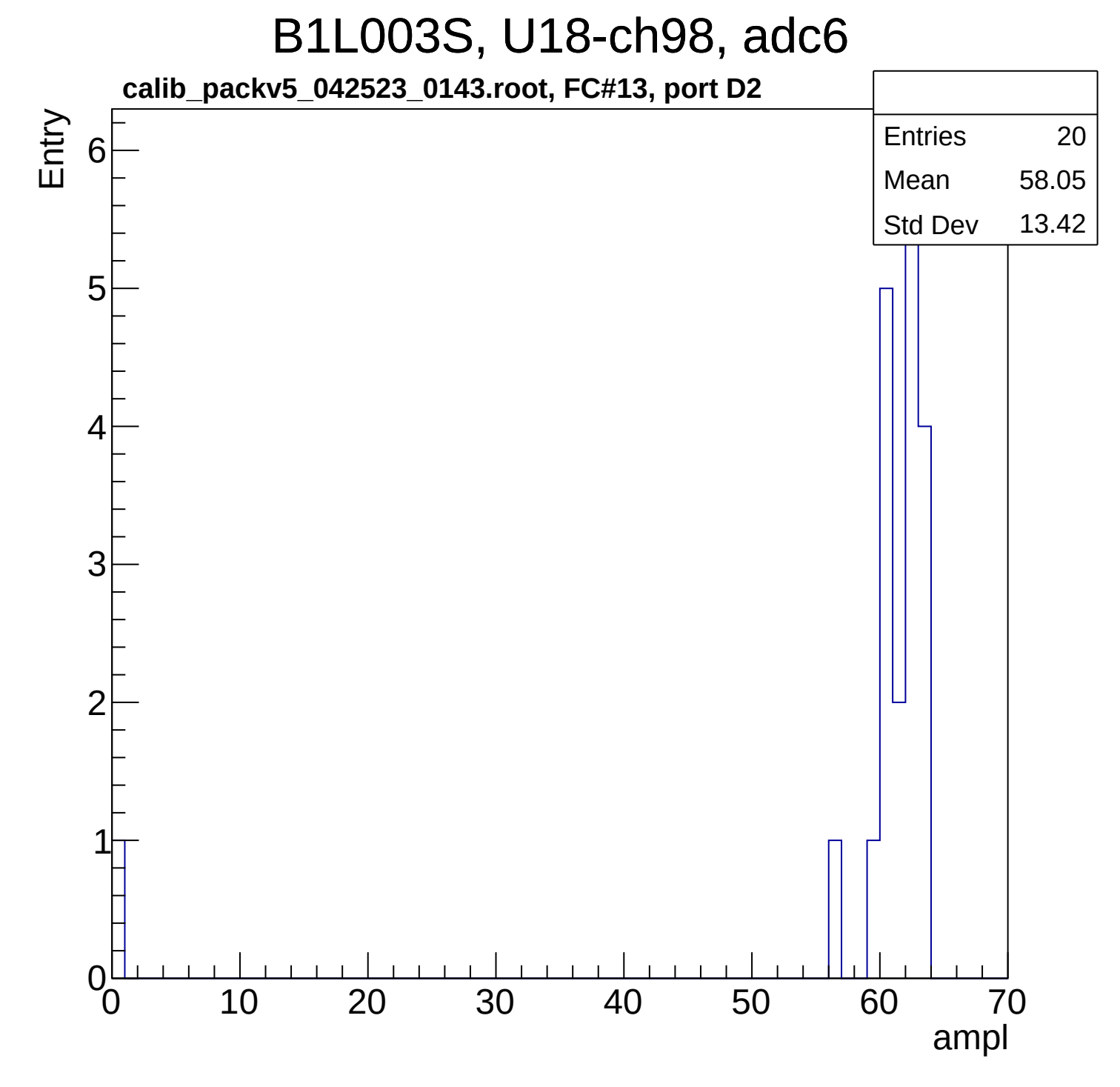

B1L003S, U18-ch98, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 35.17
Std Dev 3.238
Gaus mean : 35.5507
Gaus Width: 3.8954
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

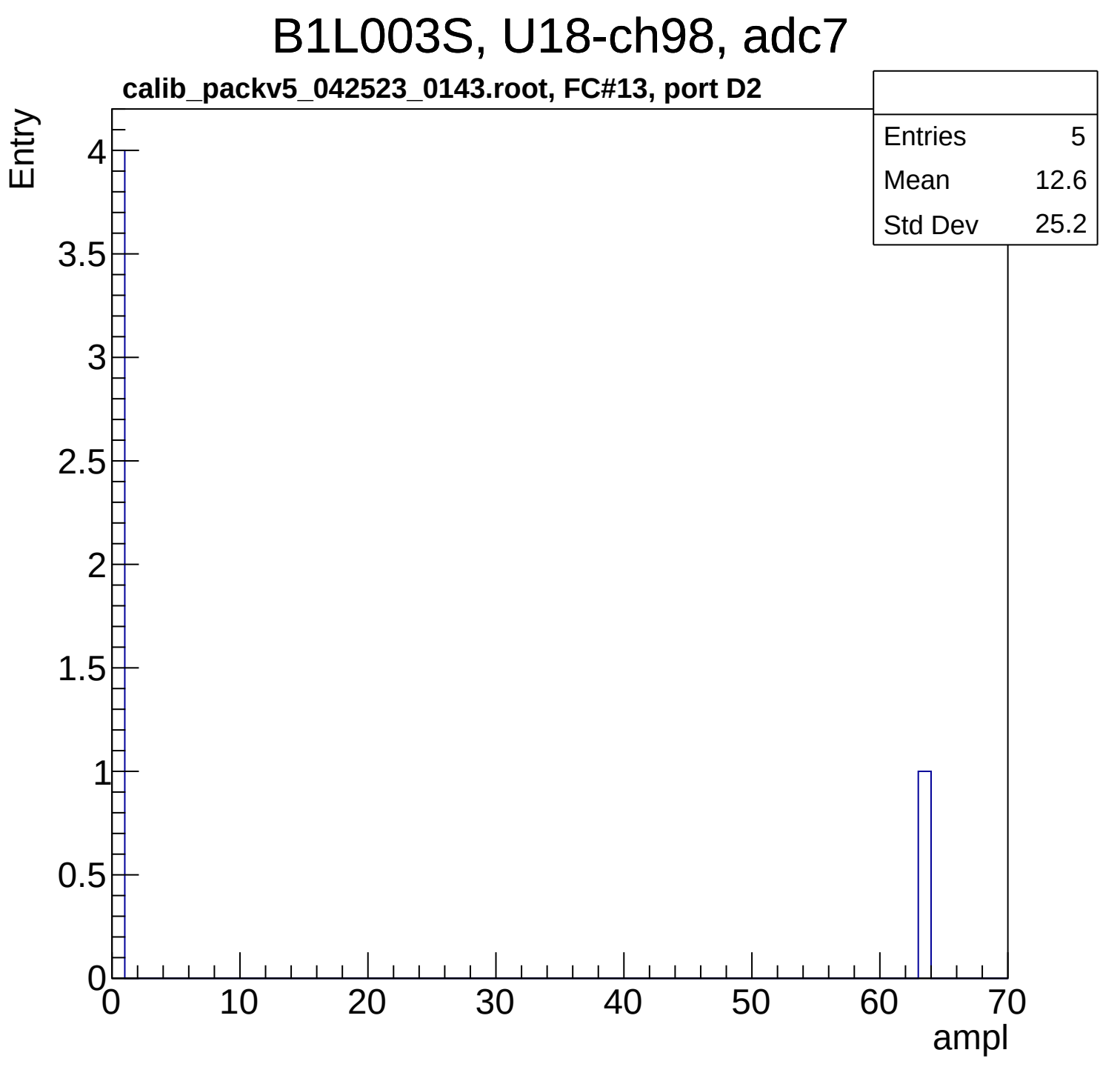

B1L003S, U18-ch98, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 40.79
Std Dev 3.638
Gaus mean : 41.3284
Gaus Width: 3.7386
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

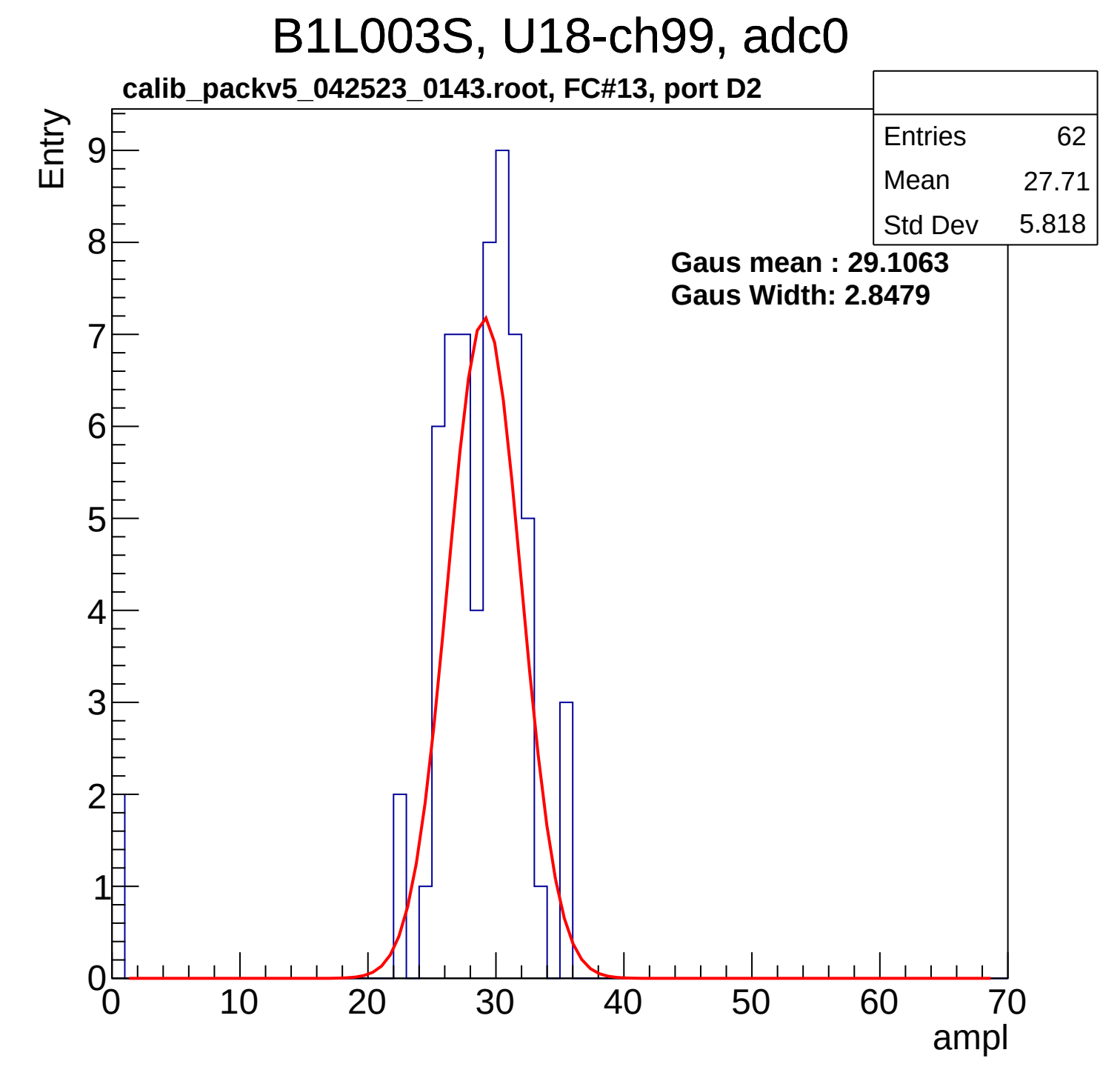

B1L003S, U18-ch98, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 46.46
Std Dev 3.346
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

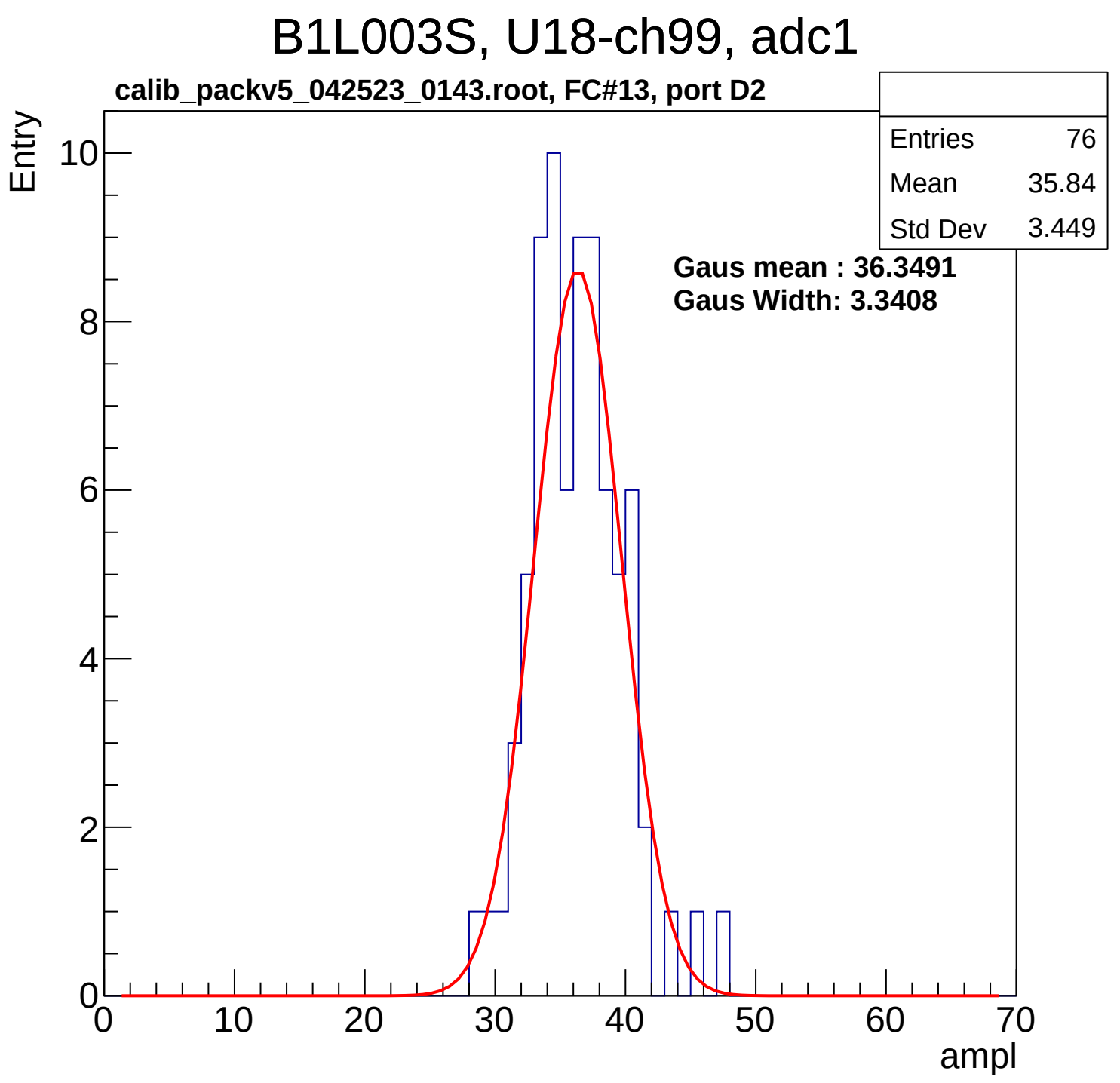

B1L003S, U18-ch98, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 53.49
Std Dev 3.986
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

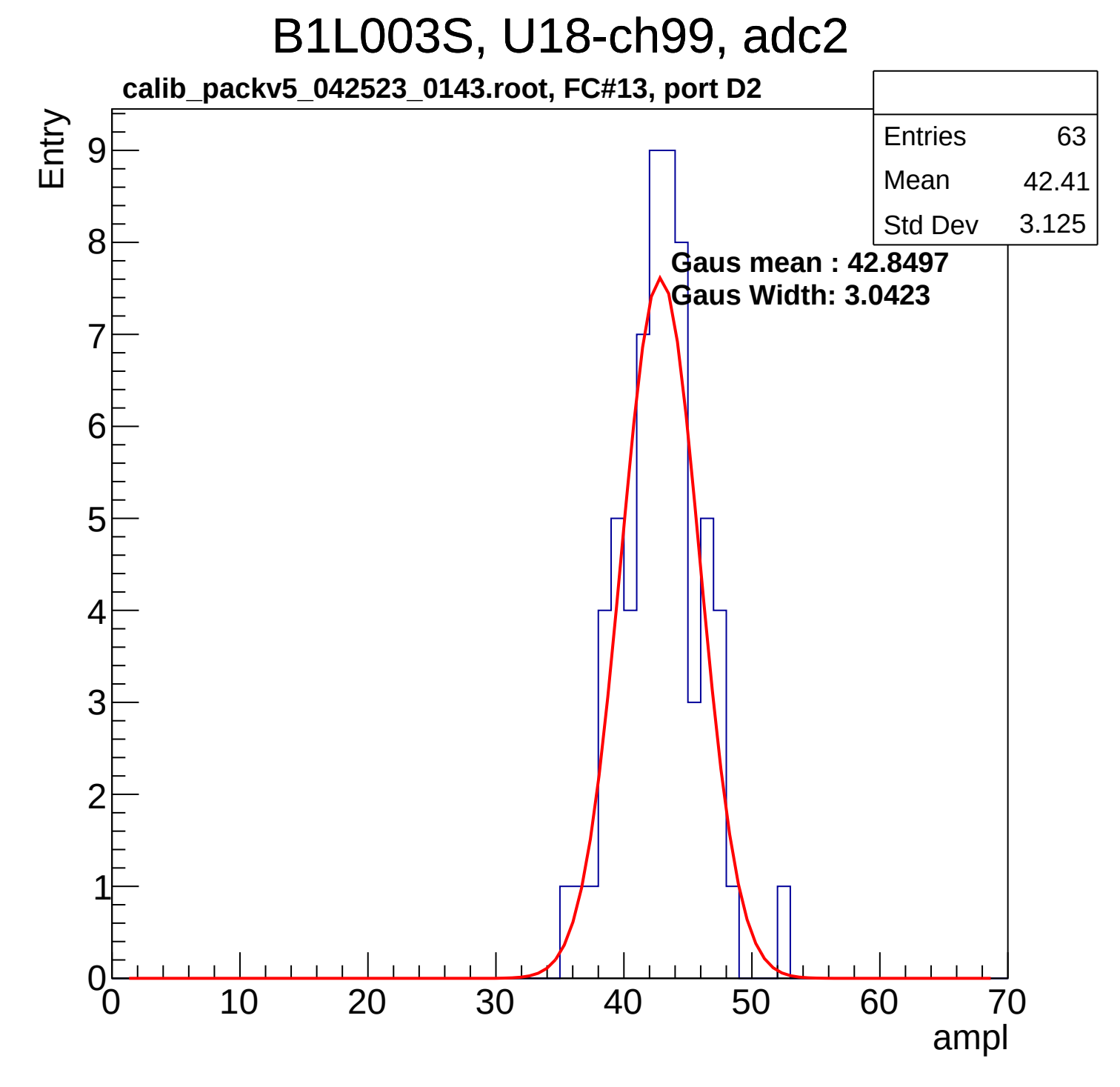

B1L003S, U18-ch98, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 57.96
Std Dev 3.131
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

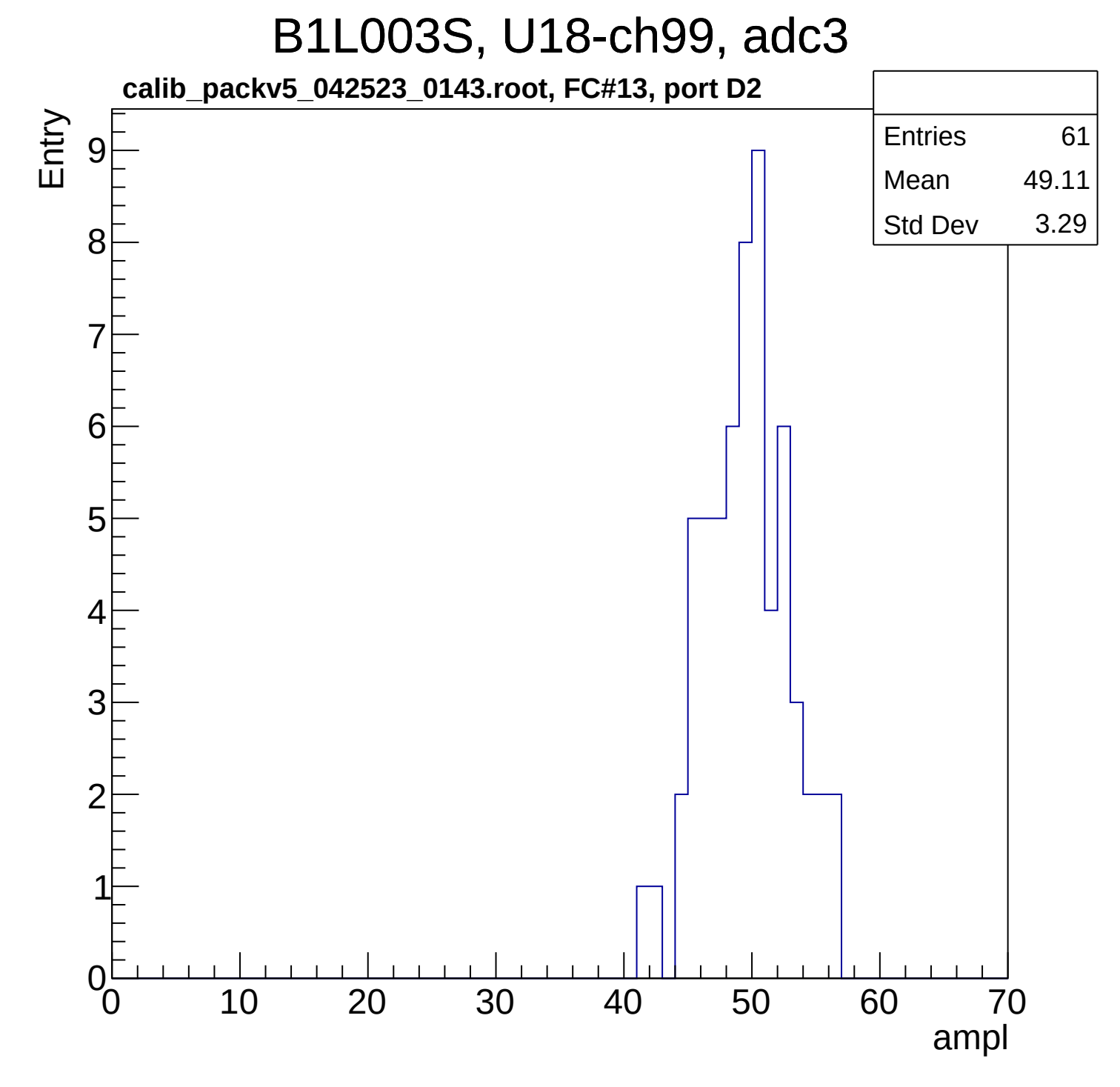

B1L003S, U18-ch98, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 20
Mean 58.05
Std Dev 13.42
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

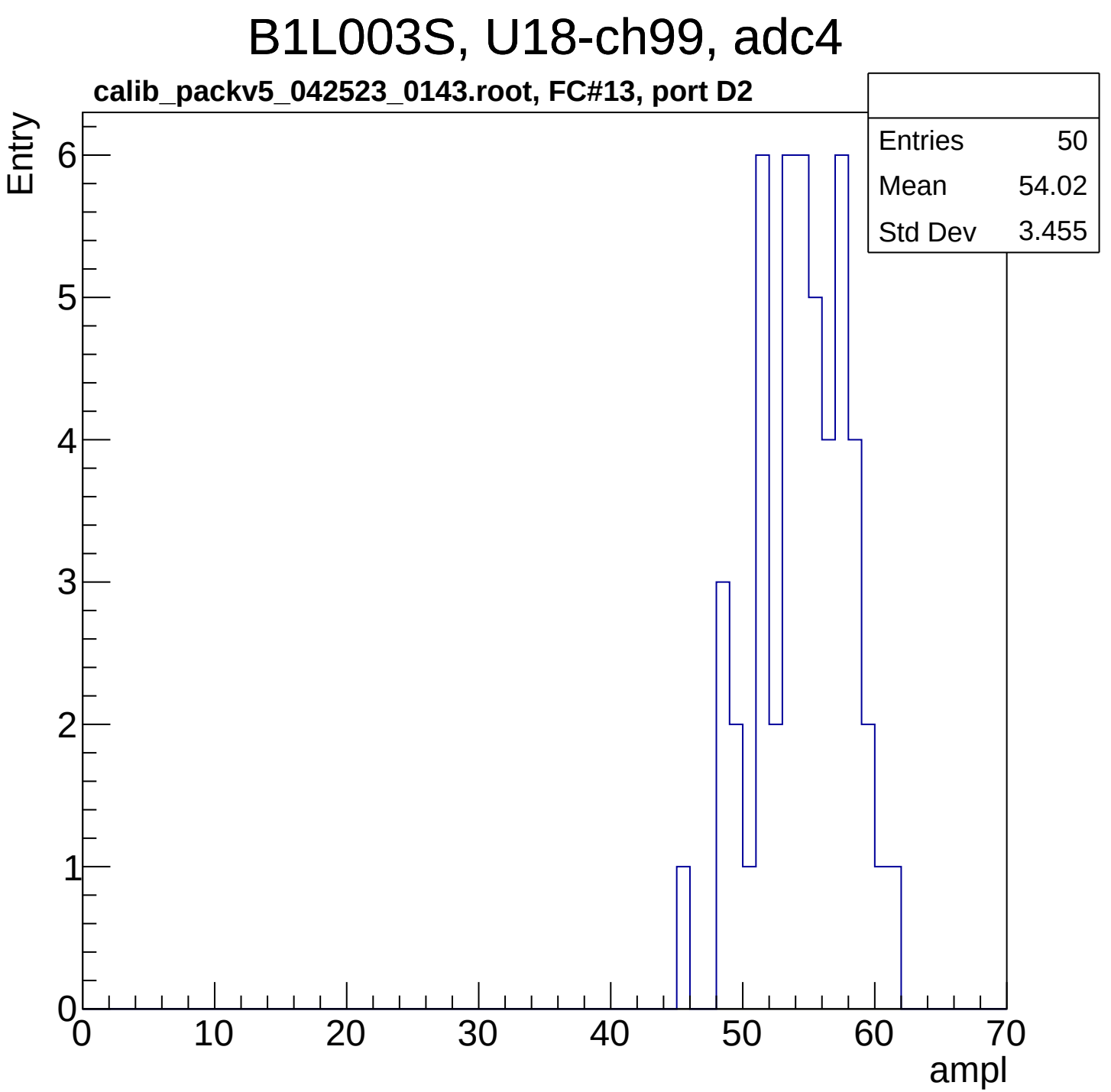

B1L003S, U18-ch98, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 12.6
Std Dev 25.2
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

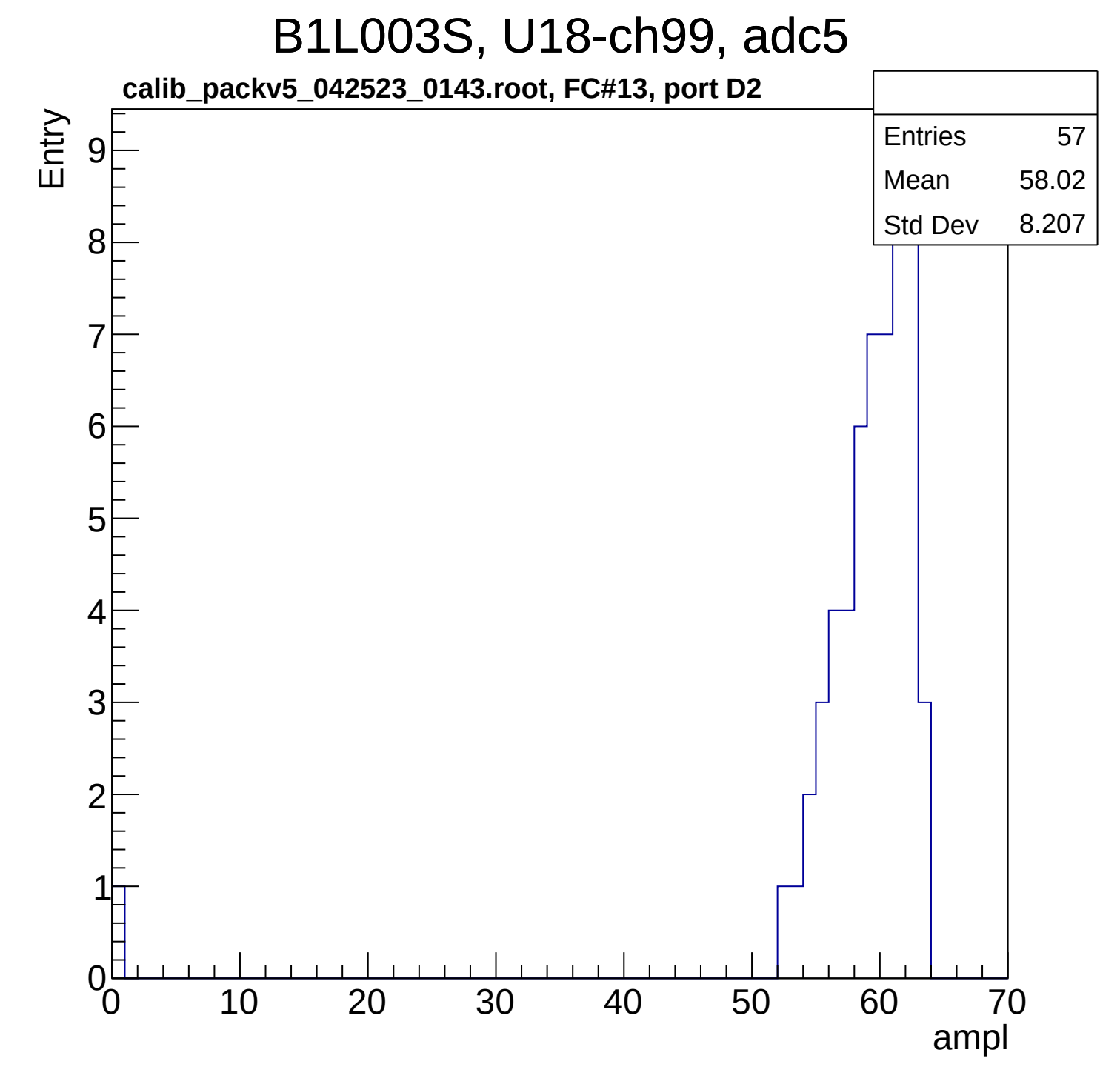

B1L003S, U18-ch99, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 27.71
Std Dev 5.818
Gaus mean : 29.1063
Gaus Width: 2.8479
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

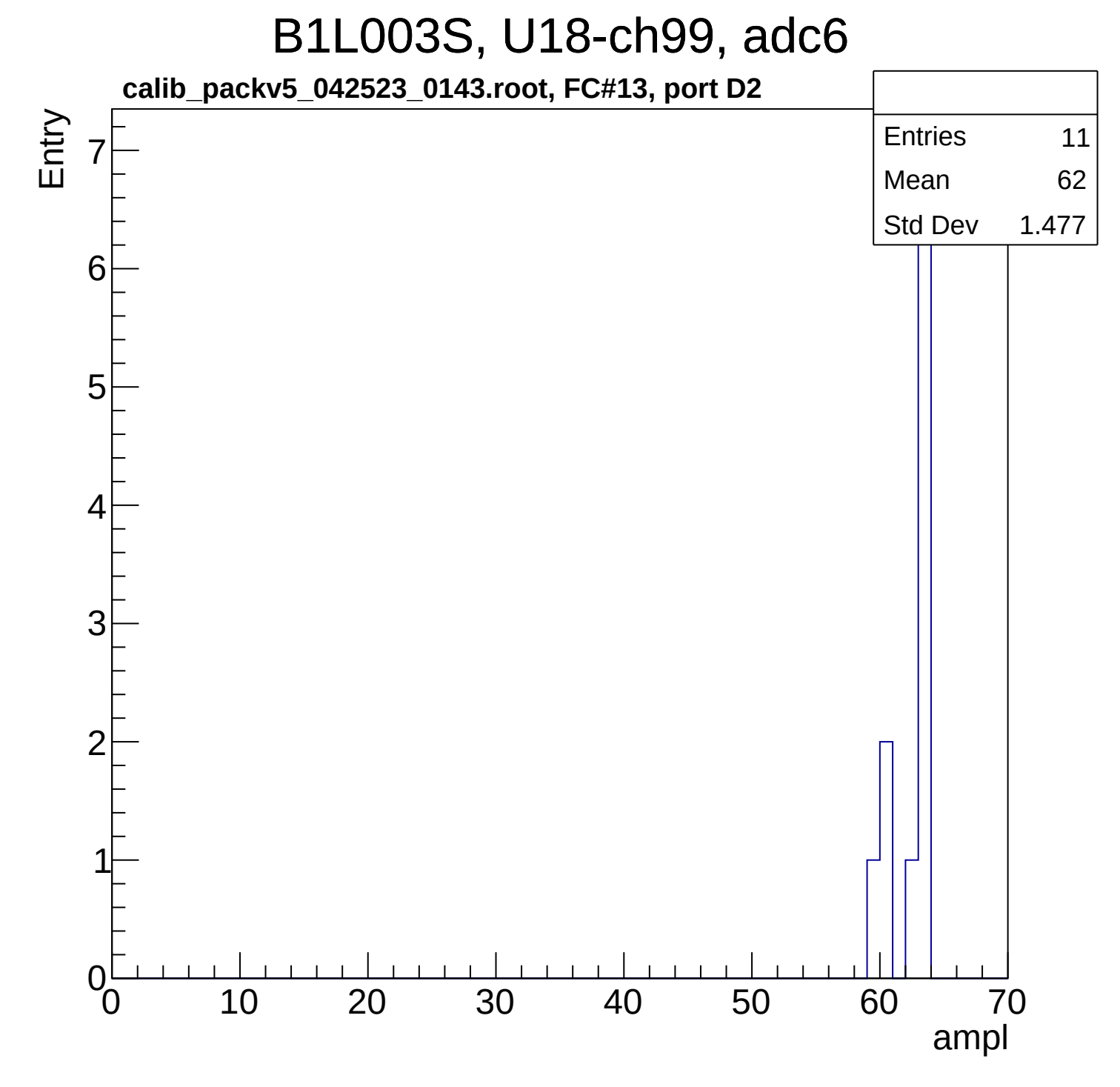

B1L003S, U18-ch99, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 35.84
Std Dev 3.449
Gaus mean : 36.3491
Gaus Width: 3.3408
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

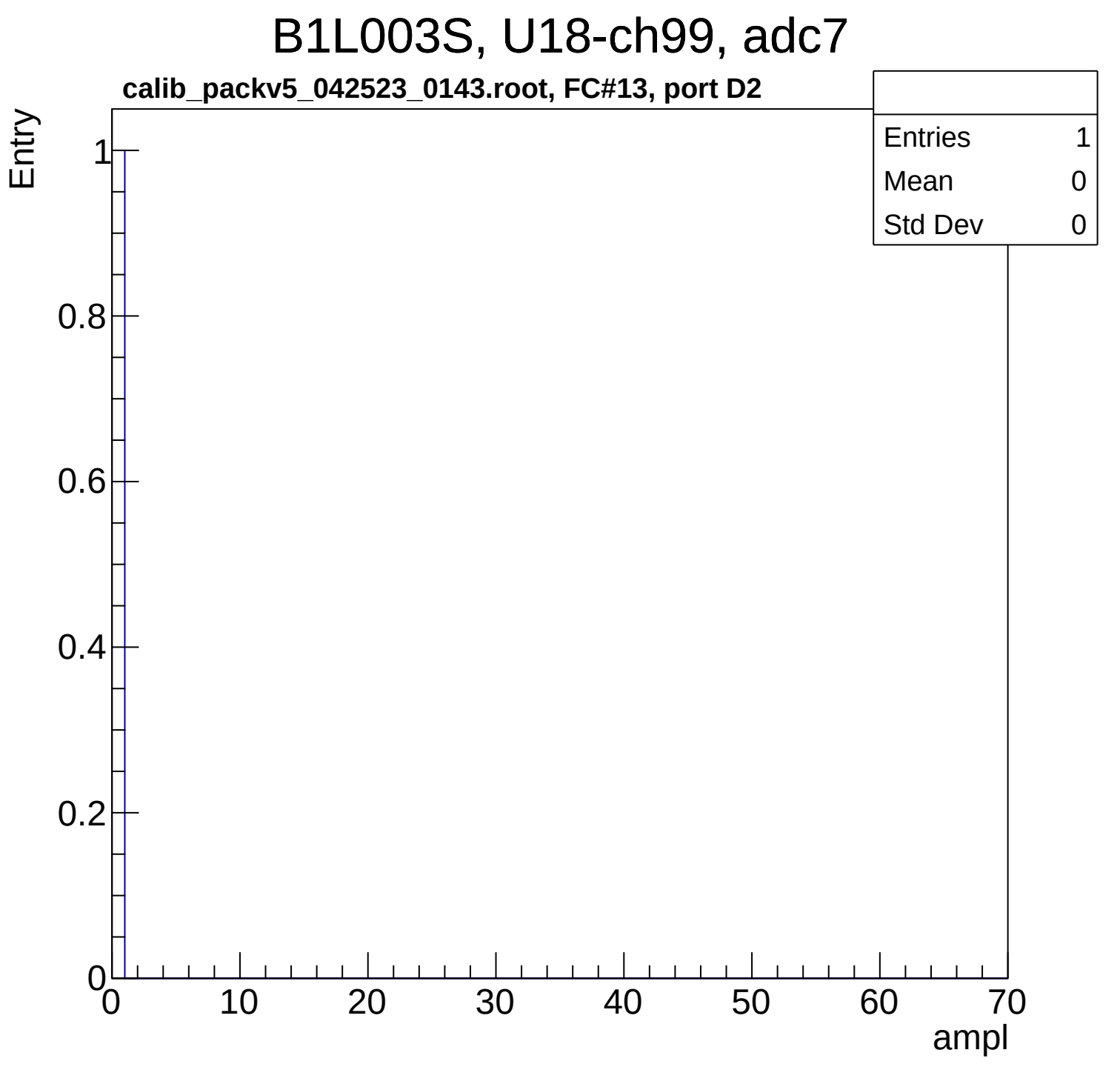

B1L003S, U18-ch99, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 42.41
Std Dev 3.125
Gaus mean : 42.8497
Gaus Width: 3.0423
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

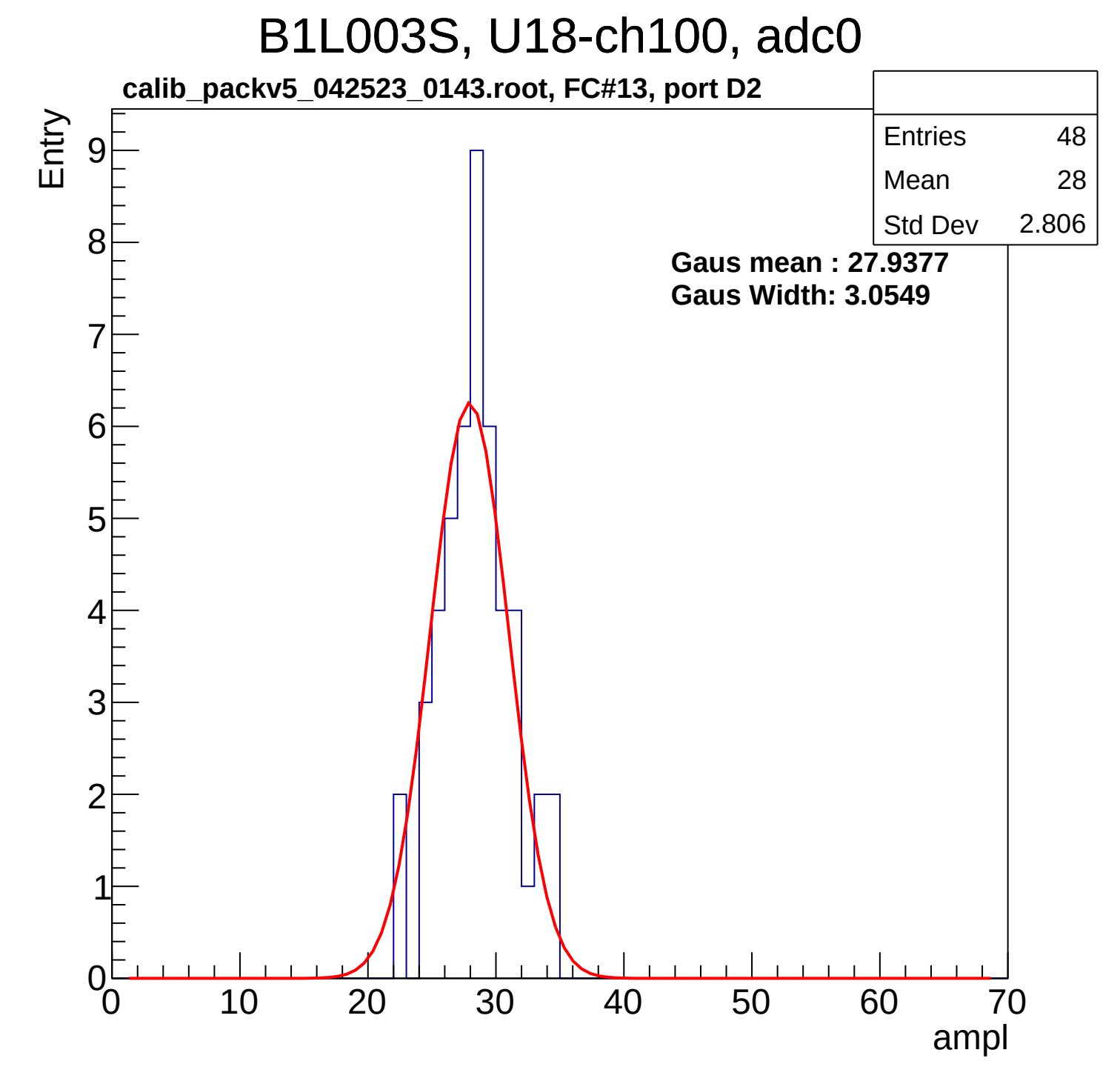

B1L003S, U18-ch99, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 49.11
Std Dev 3.29
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

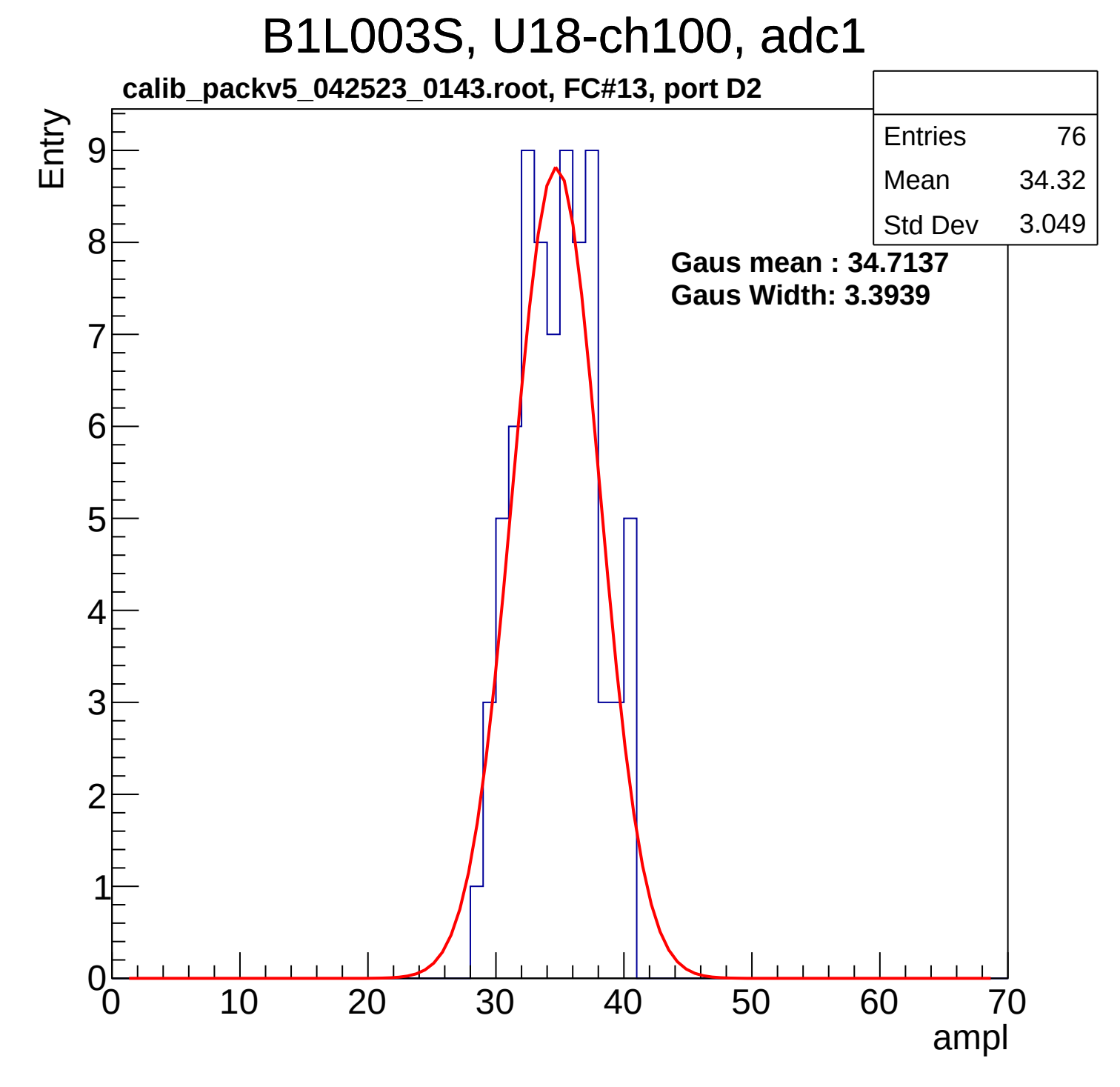

B1L003S, U18-ch99, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 54.02
Std Dev 3.455
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

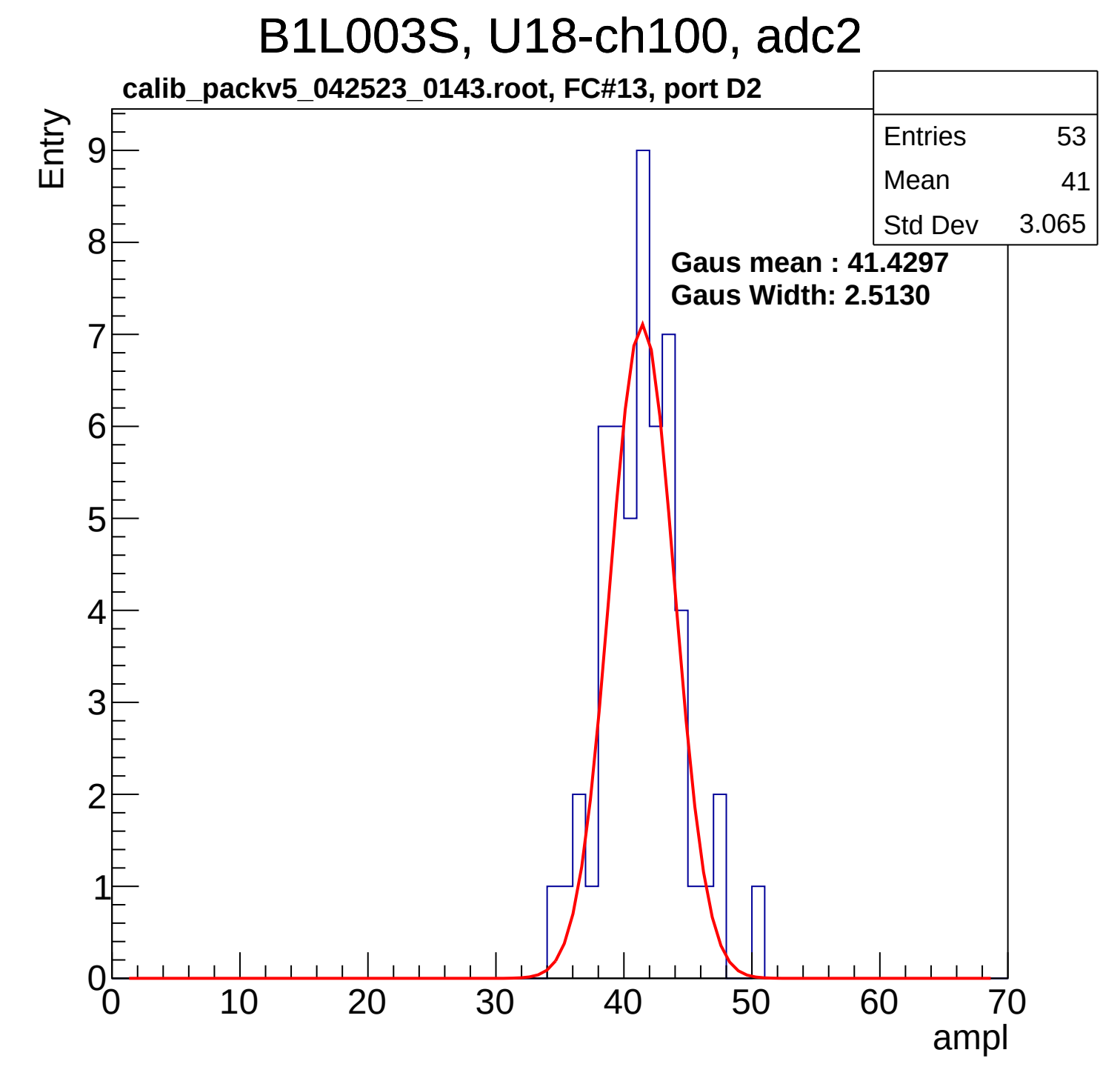

B1L003S, U18-ch99, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 58.02
Std Dev 8.207
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

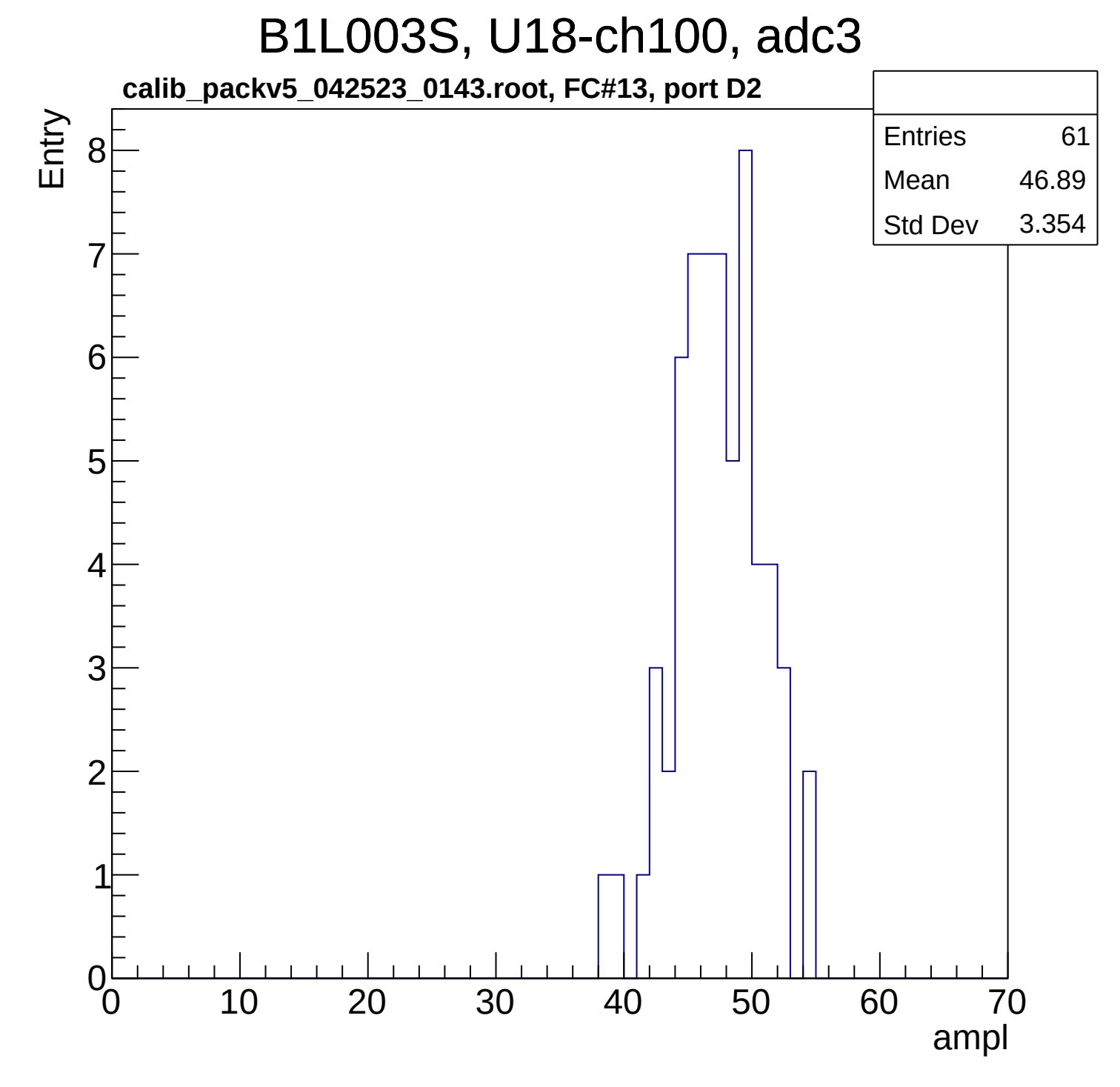

B1L003S, U18-ch99, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 62
Std Dev 1.477
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

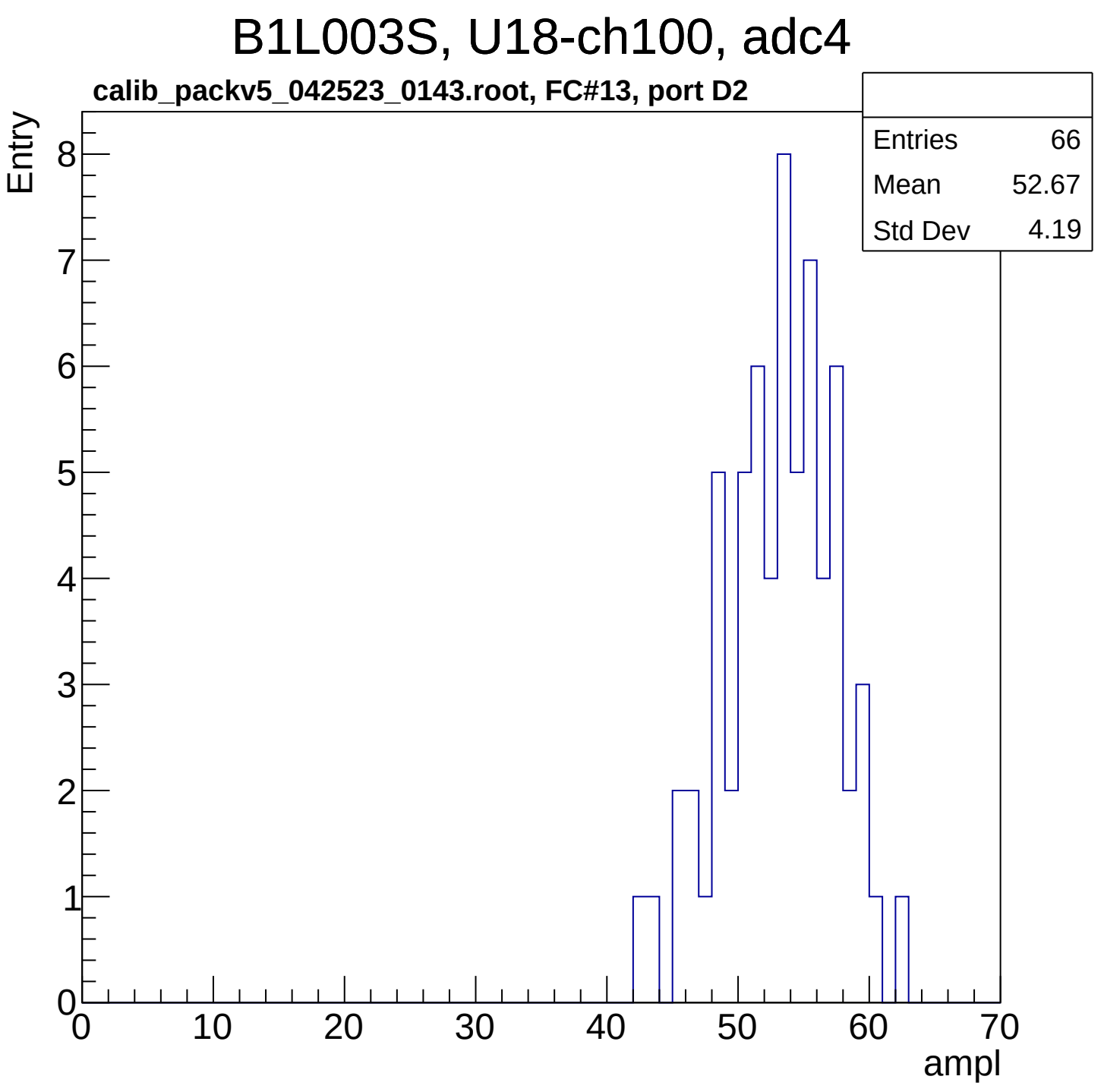

B1L003S, U18-ch99, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

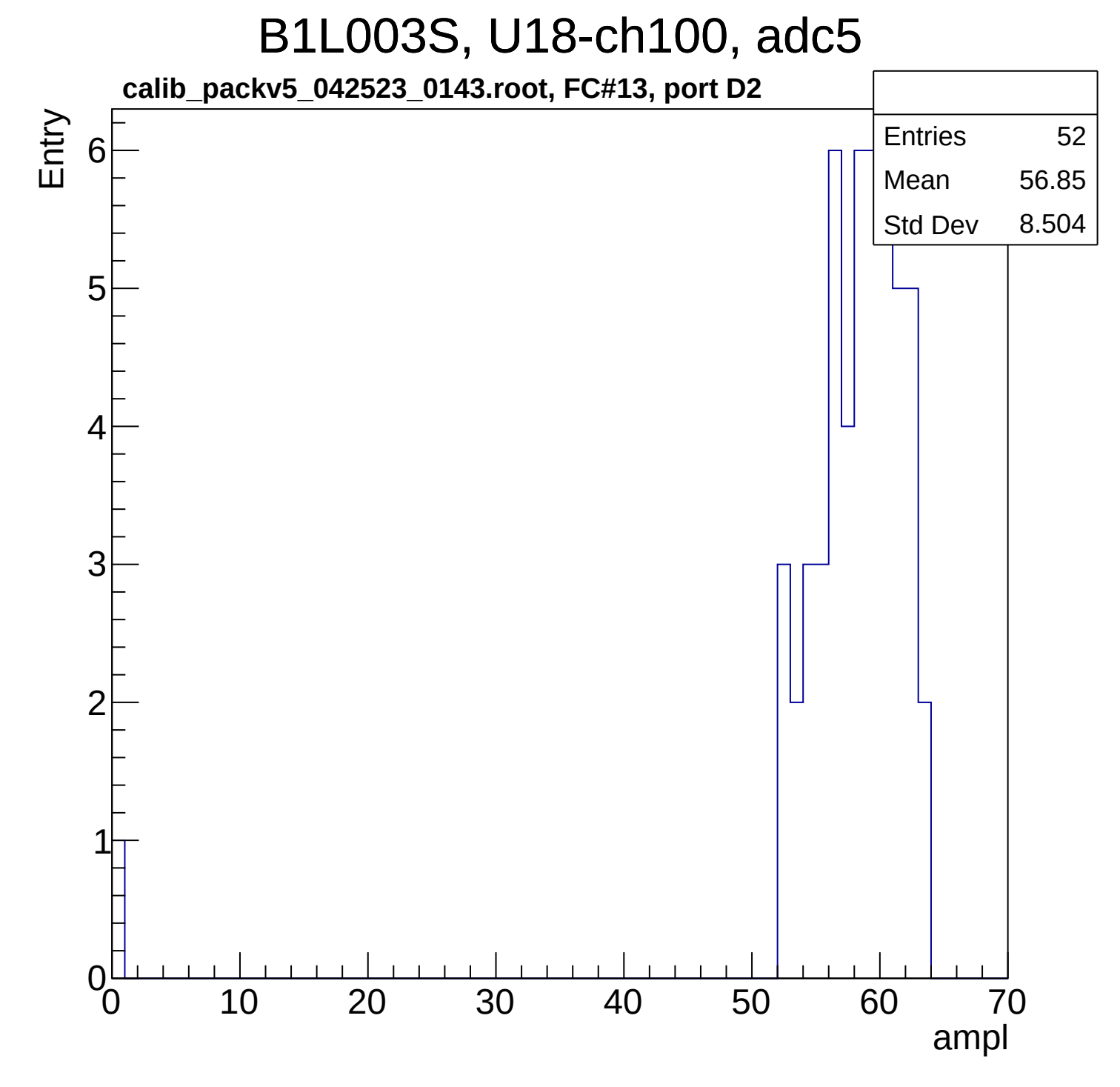

B1L003S, U18-ch100, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 28
Std Dev 2.806
Gaus mean : 27.9377
Gaus Width: 3.0549
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

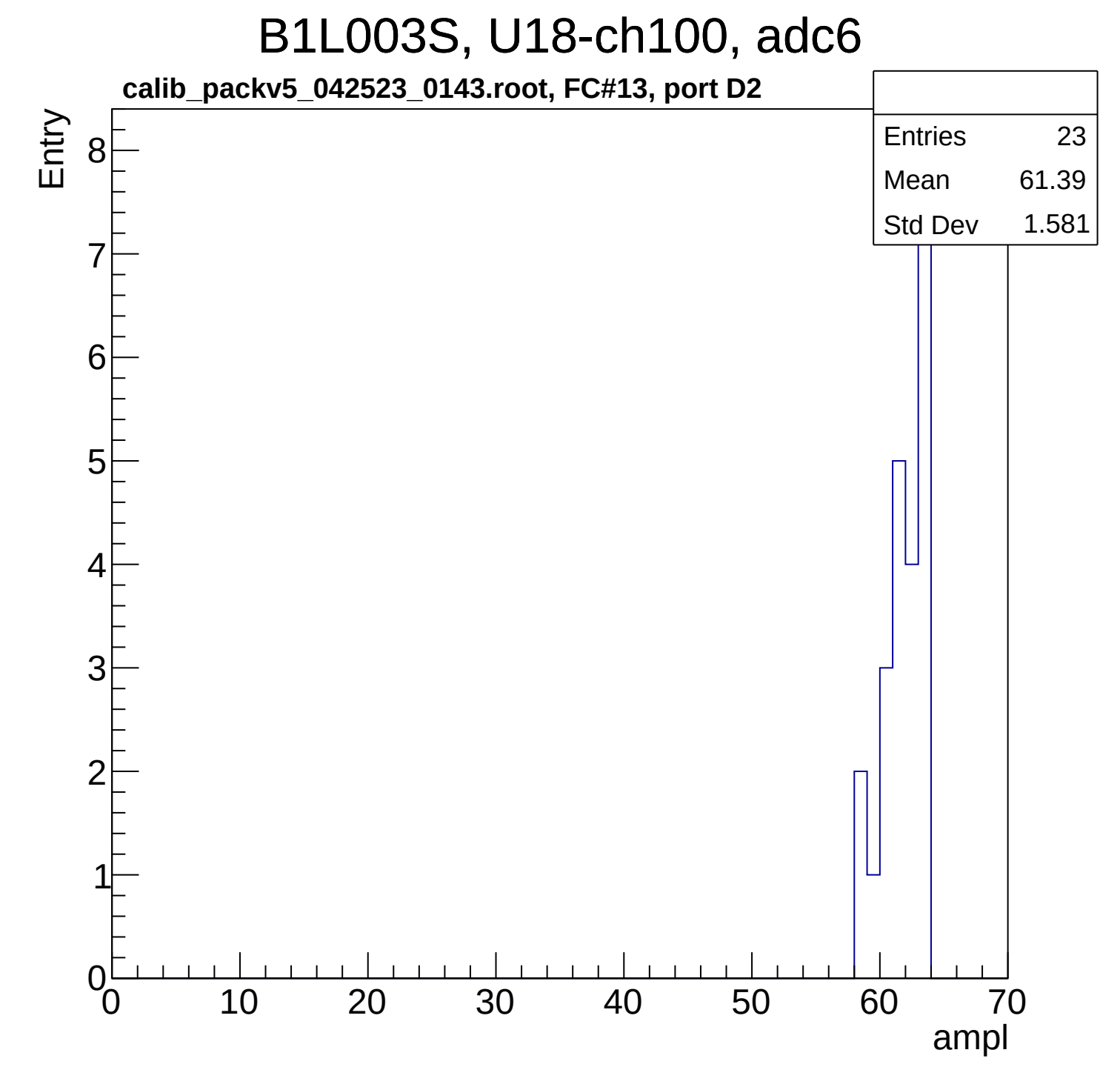

B1L003S, U18-ch100, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 34.32
Std Dev 3.049
Gaus mean : 34.7137
Gaus Width: 3.3939
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

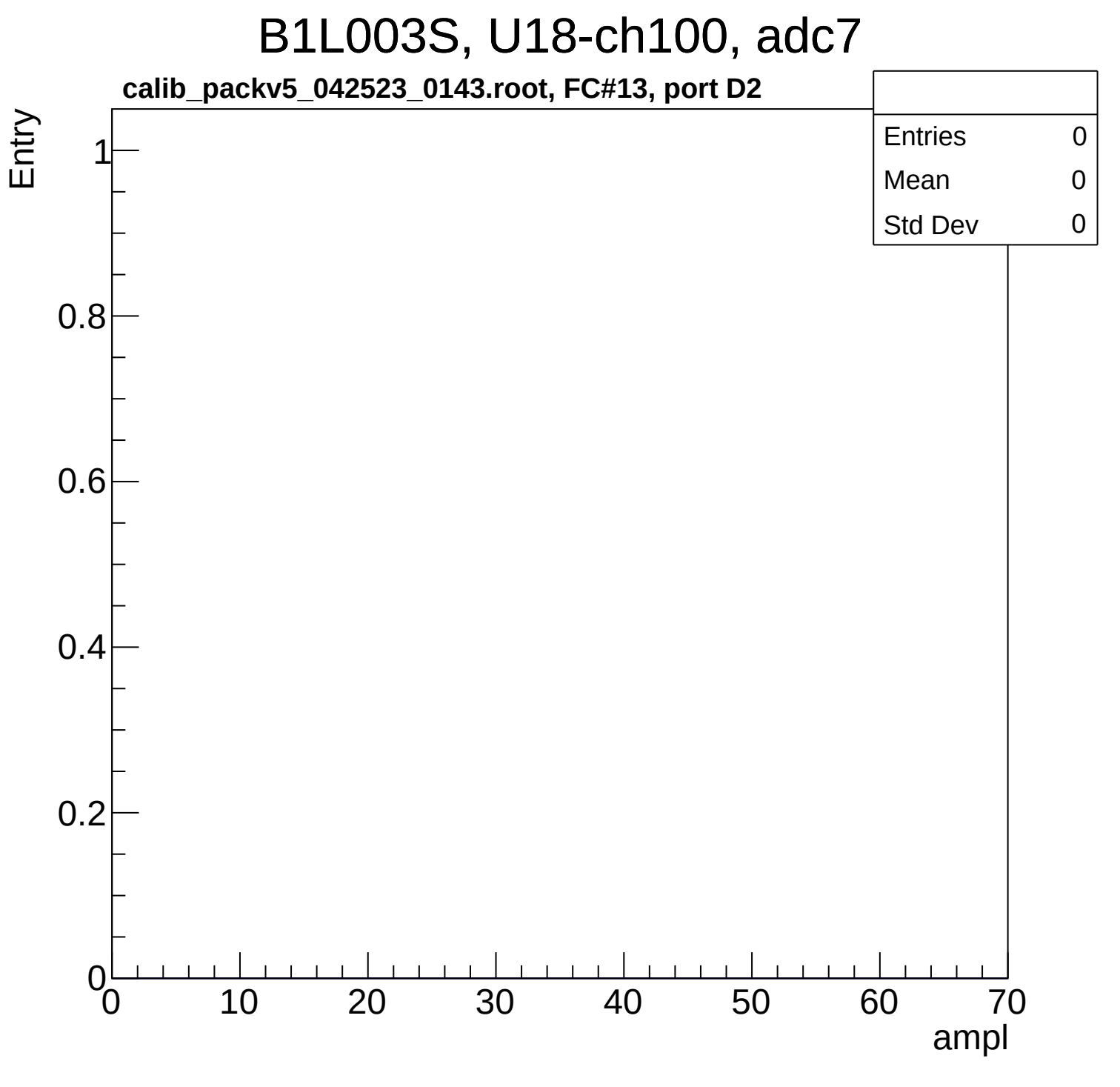

B1L003S, U18-ch100, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 41
Std Dev 3.065
Gaus mean : 41.4297
Gaus Width: 2.5130
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

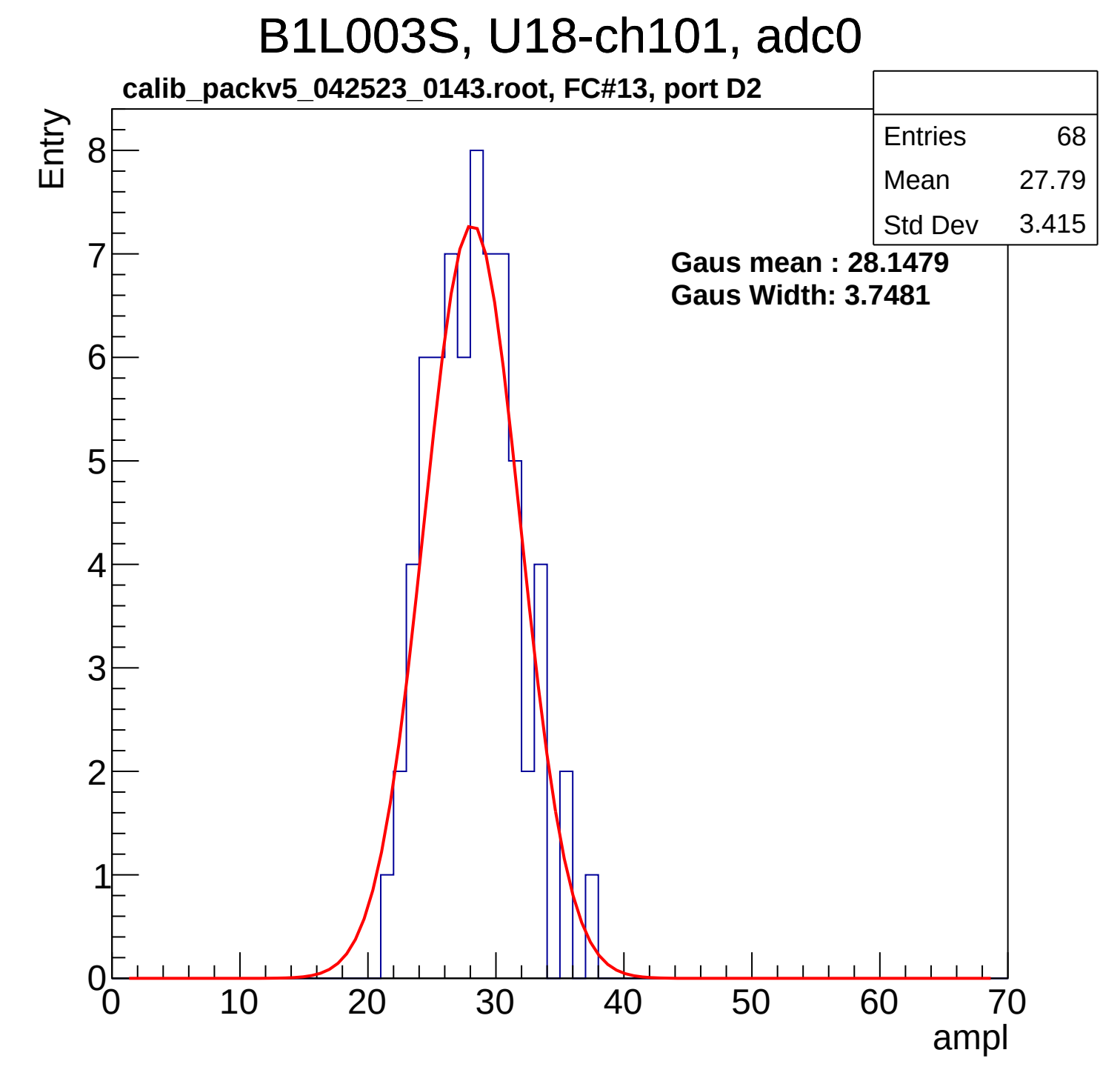

B1L003S, U18-ch100, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 46.89
Std Dev 3.354
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

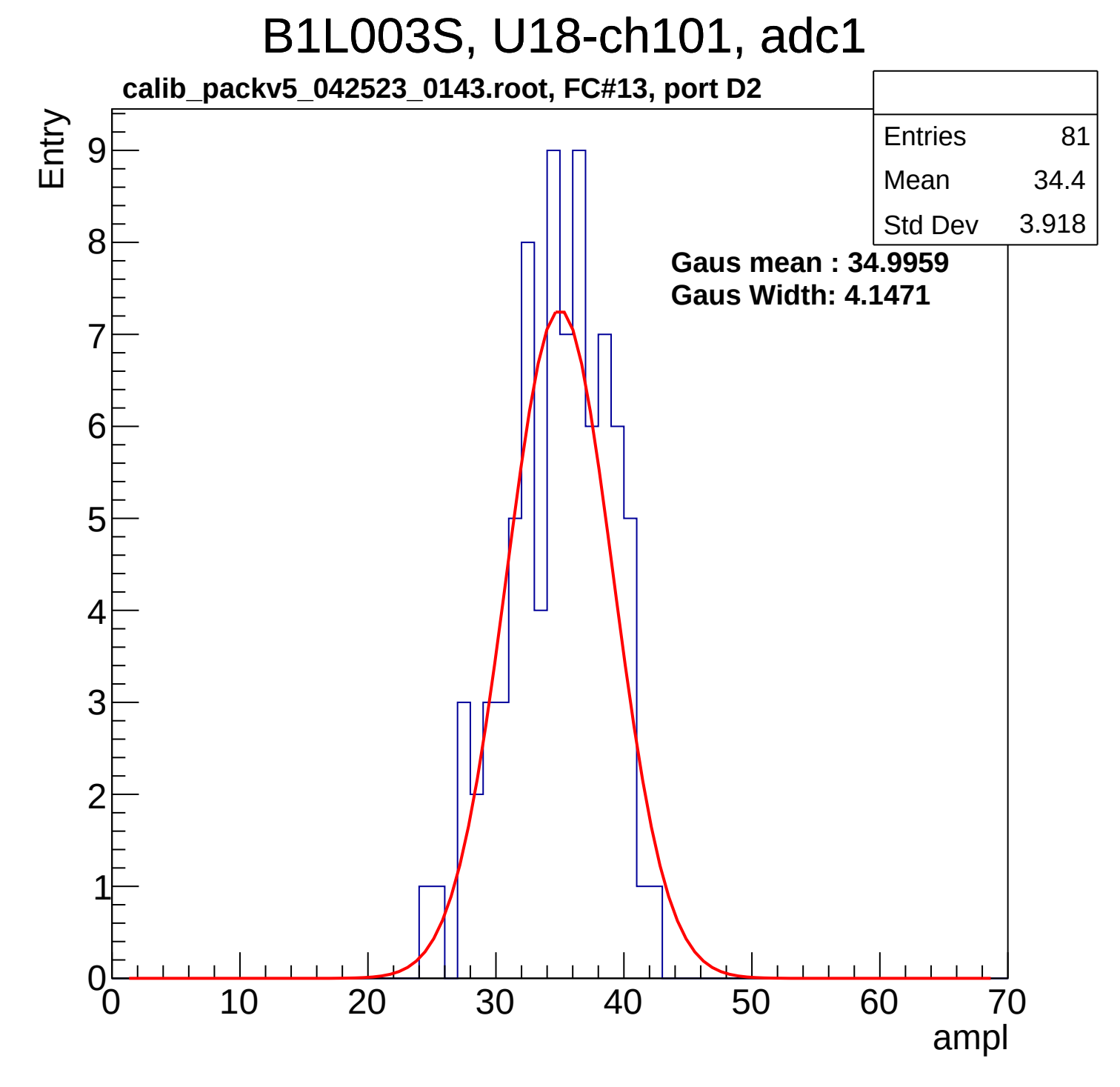

B1L003S, U18-ch100, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 52.67
Std Dev 4.19
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

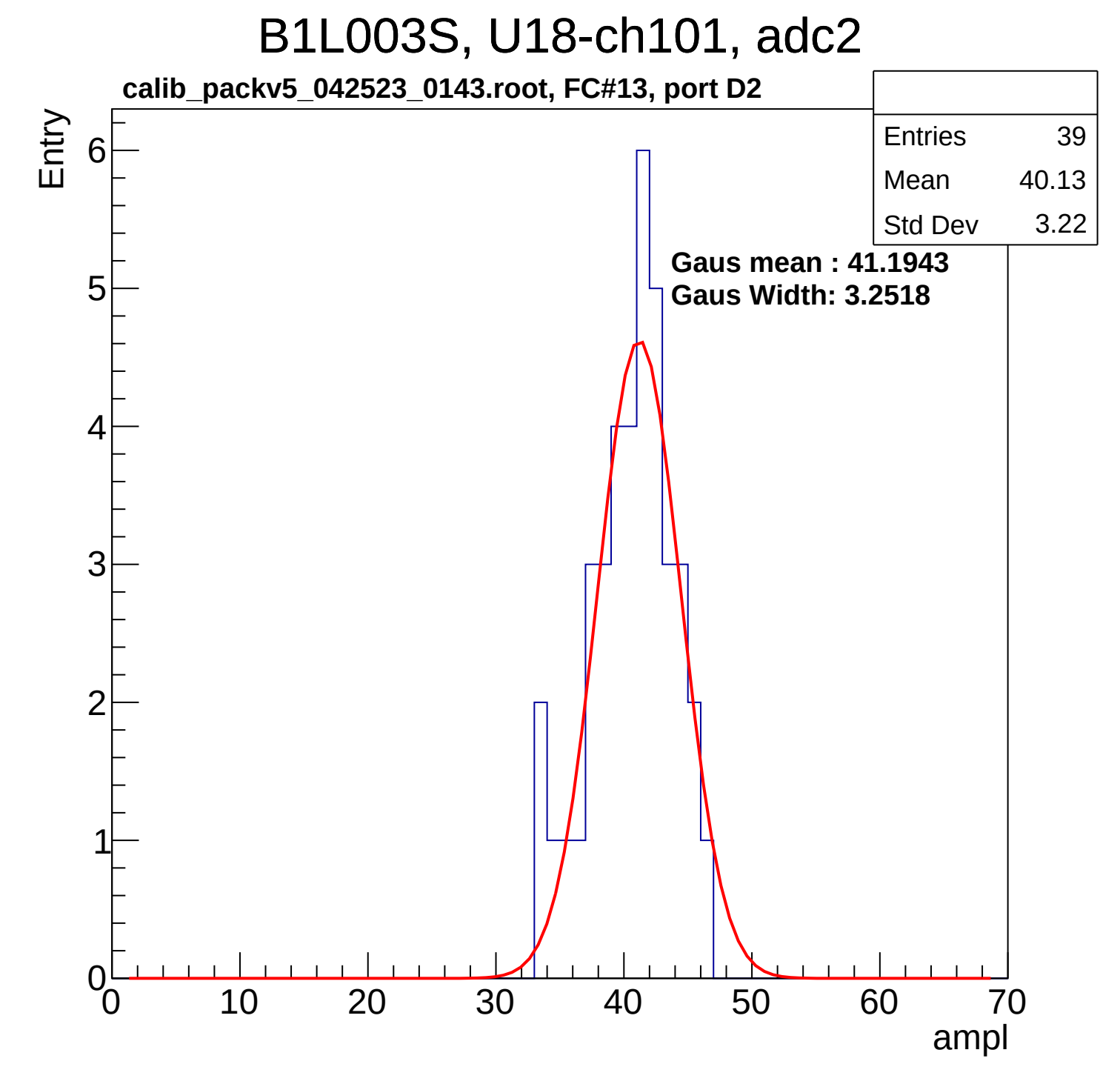

B1L003S, U18-ch100, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 56.85
Std Dev 8.504
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

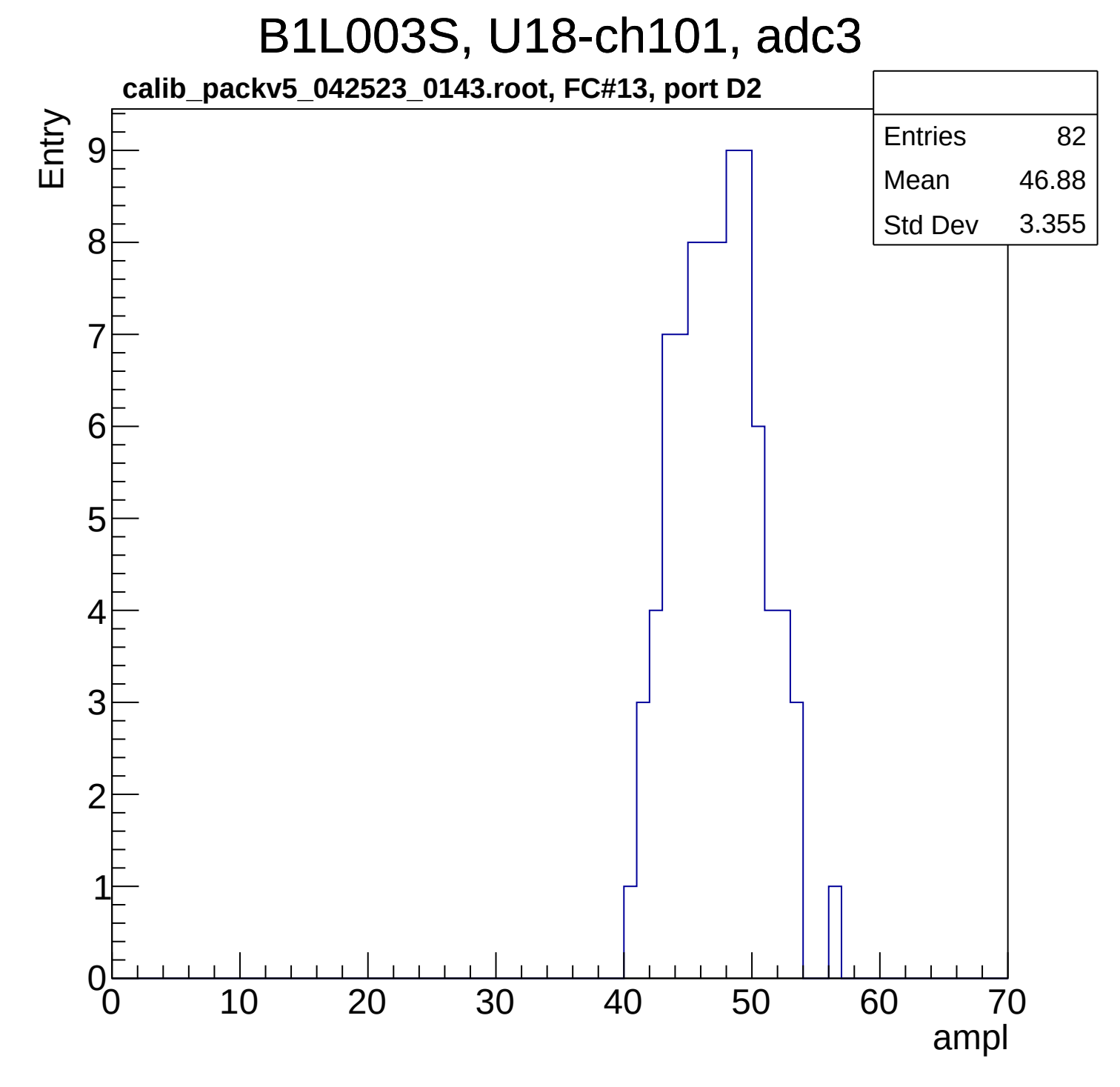

B1L003S, U18-ch100, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 23
Mean 61.39
Std Dev 1.581
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

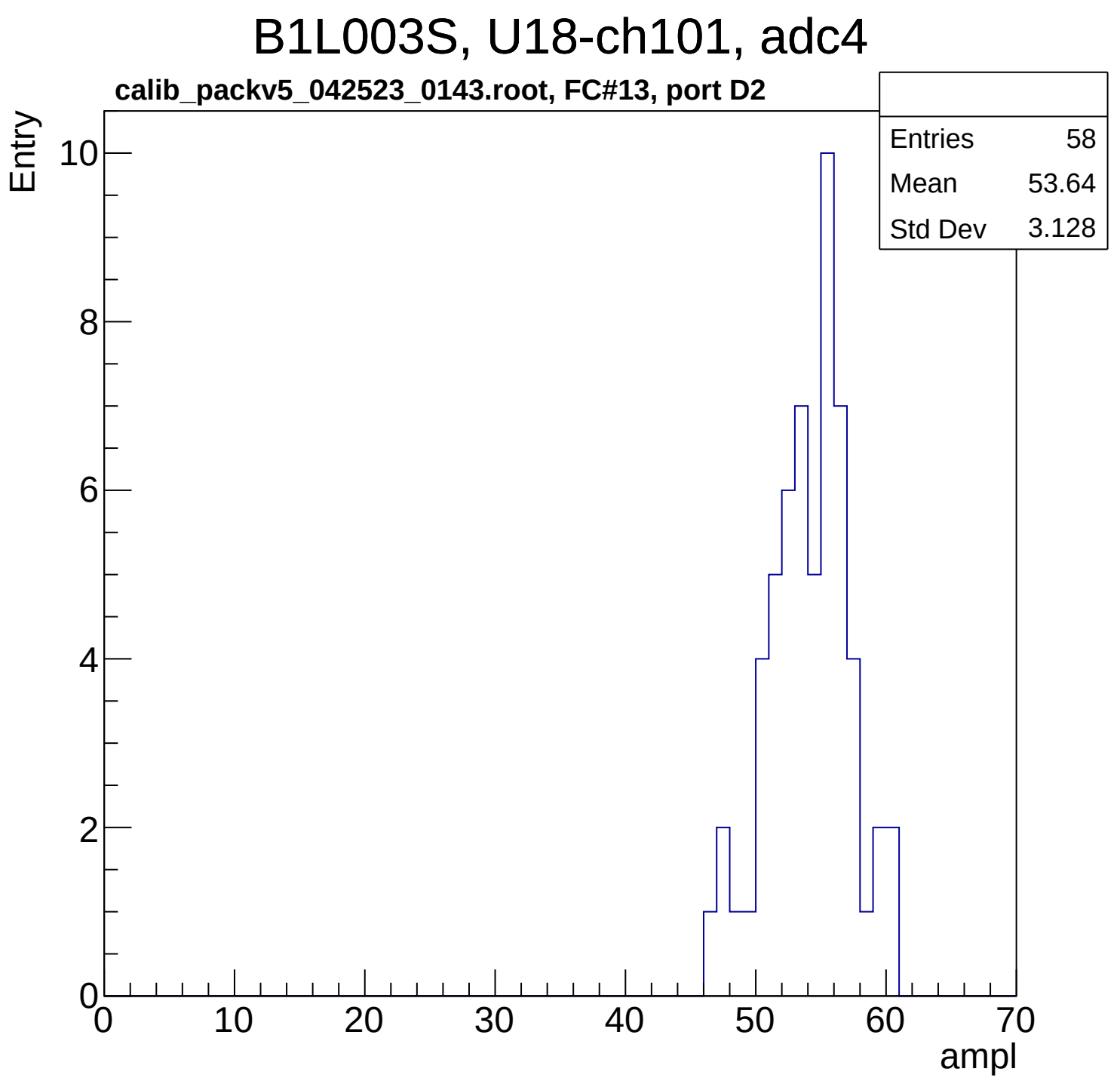

B1L003S, U18-ch100, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

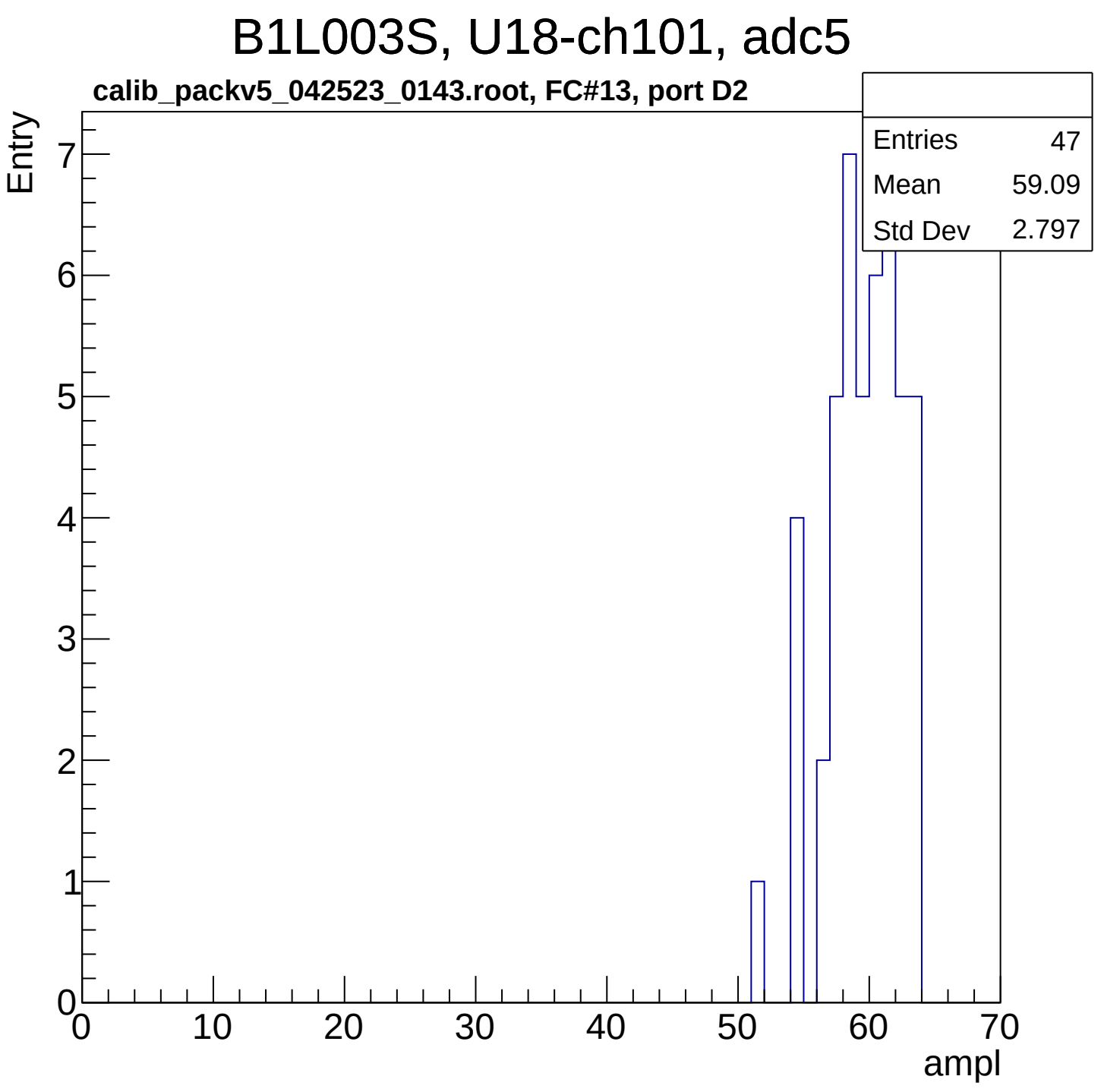

B1L003S, U18-ch101, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 27.79
Std Dev 3.415
Gaus mean : 28.1479
Gaus Width: 3.7481
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

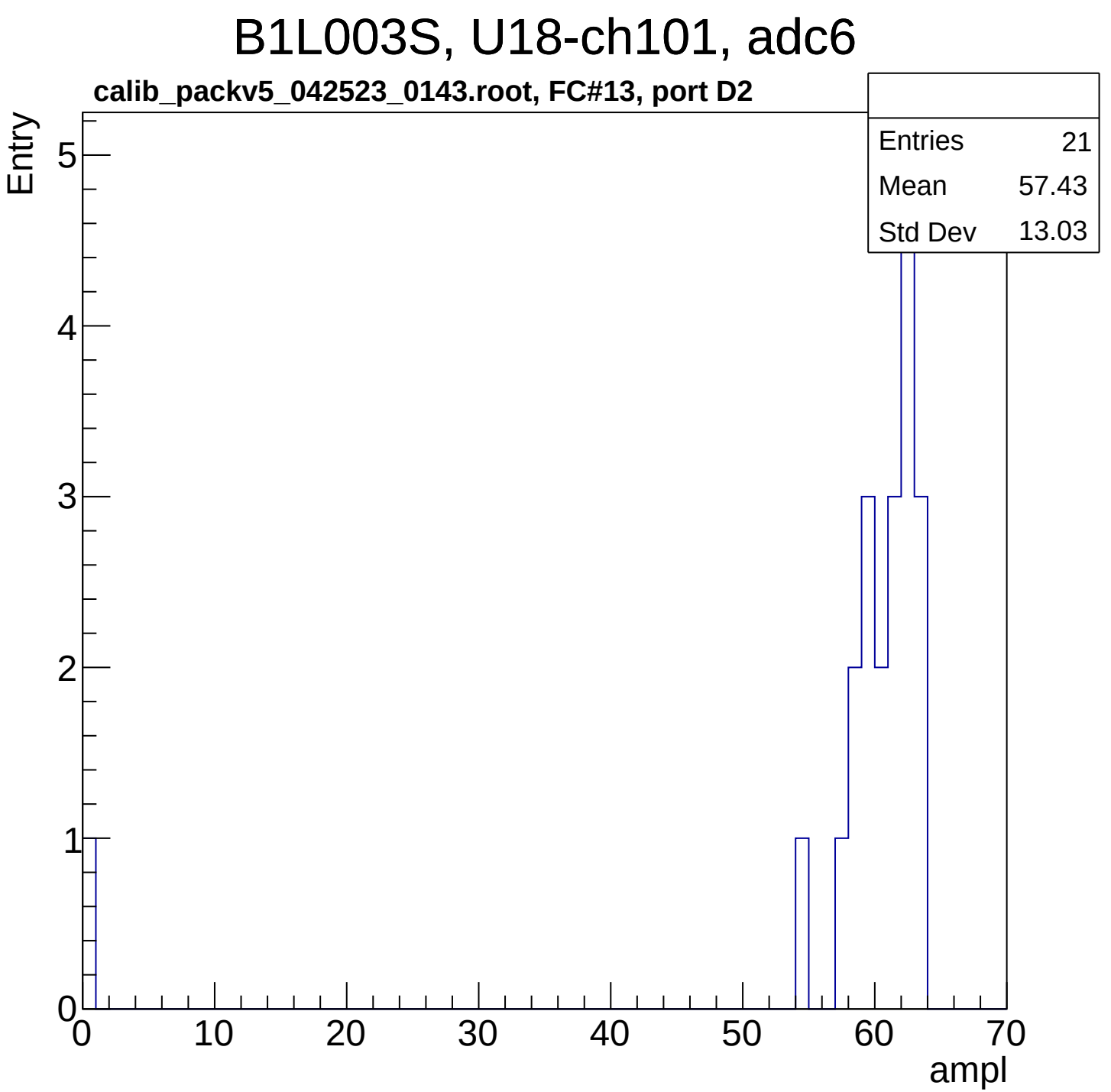

B1L003S, U18-ch101, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 34.4
Std Dev 3.918
Gaus mean : 34.9959
Gaus Width: 4.1471
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

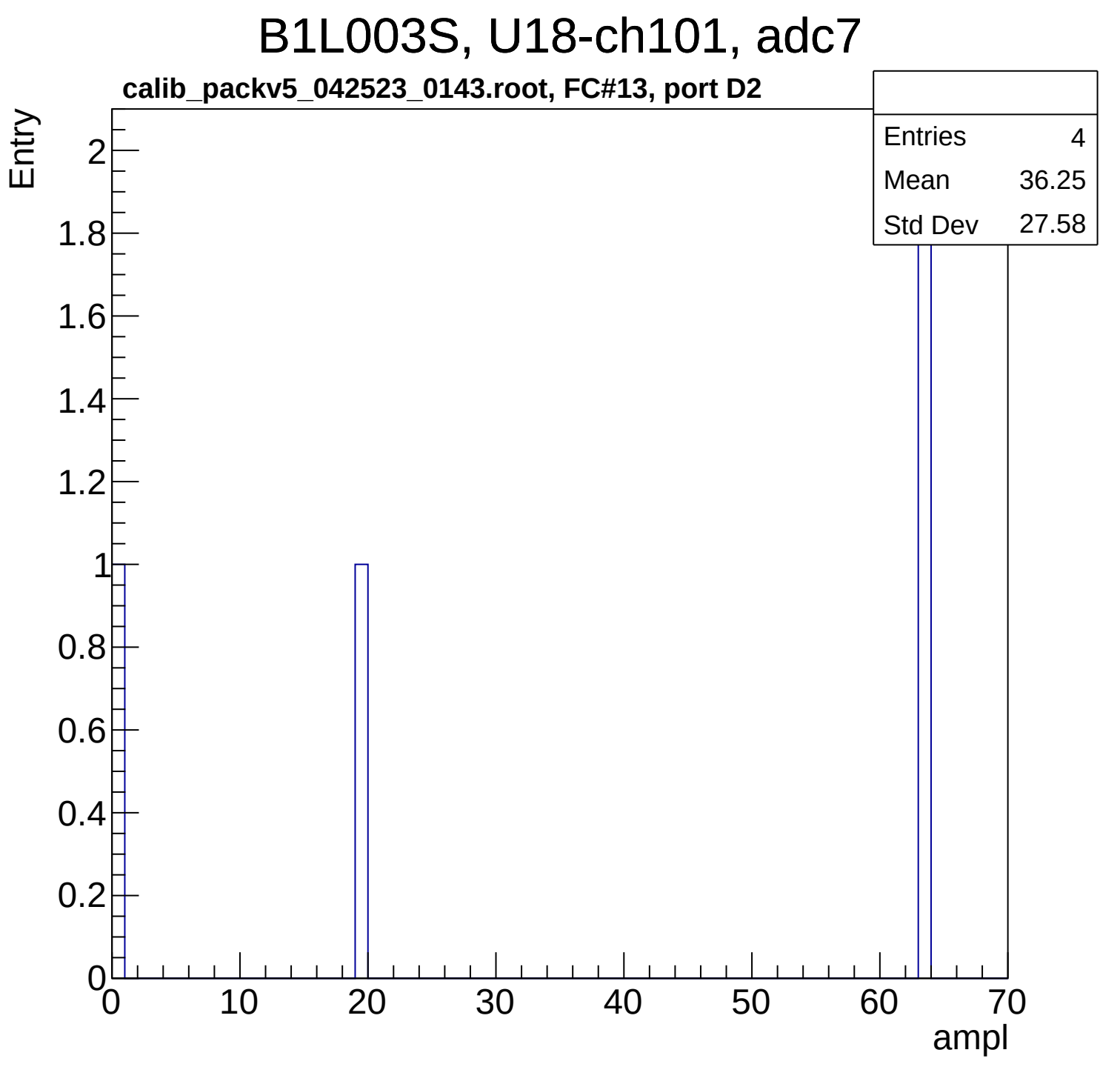

B1L003S, U18-ch101, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 39
Mean 40.13
Std Dev 3.22
Gaus mean : 41.1943
Gaus Width: 3.2518
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

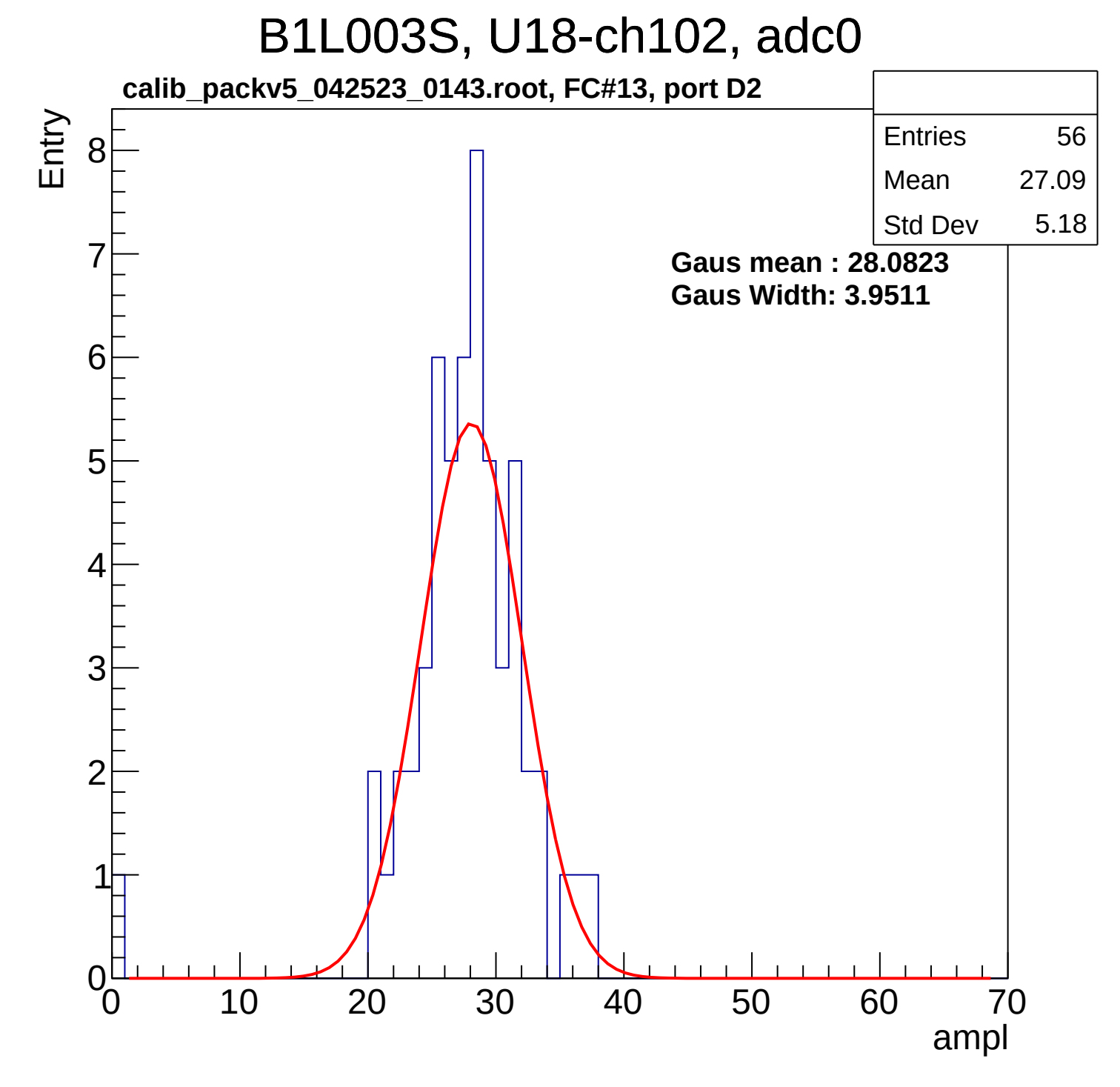

B1L003S, U18-ch101, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 82
Mean 46.88
Std Dev 3.355
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

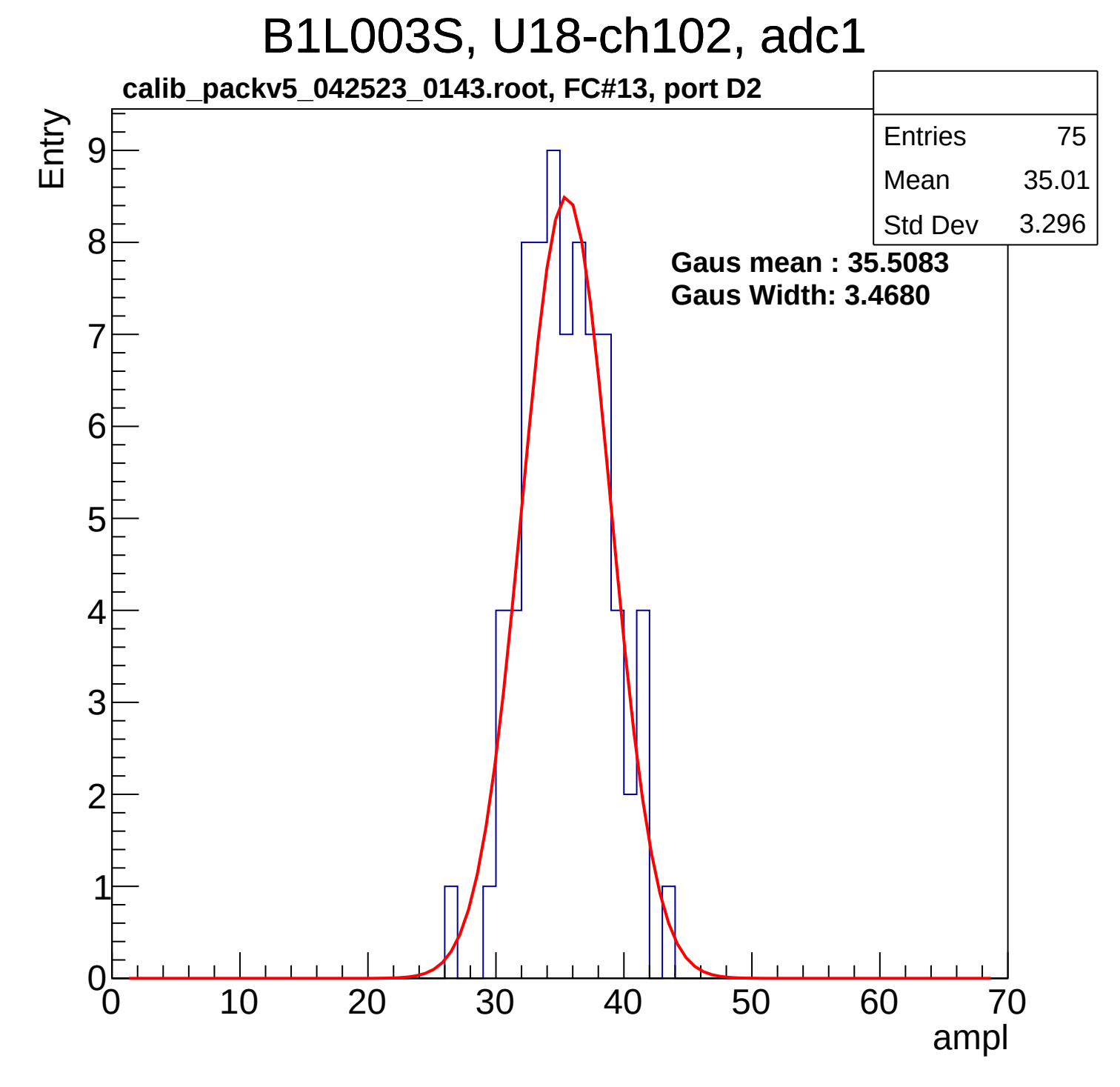

B1L003S, U18-ch101, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 53.64
Std Dev 3.128
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

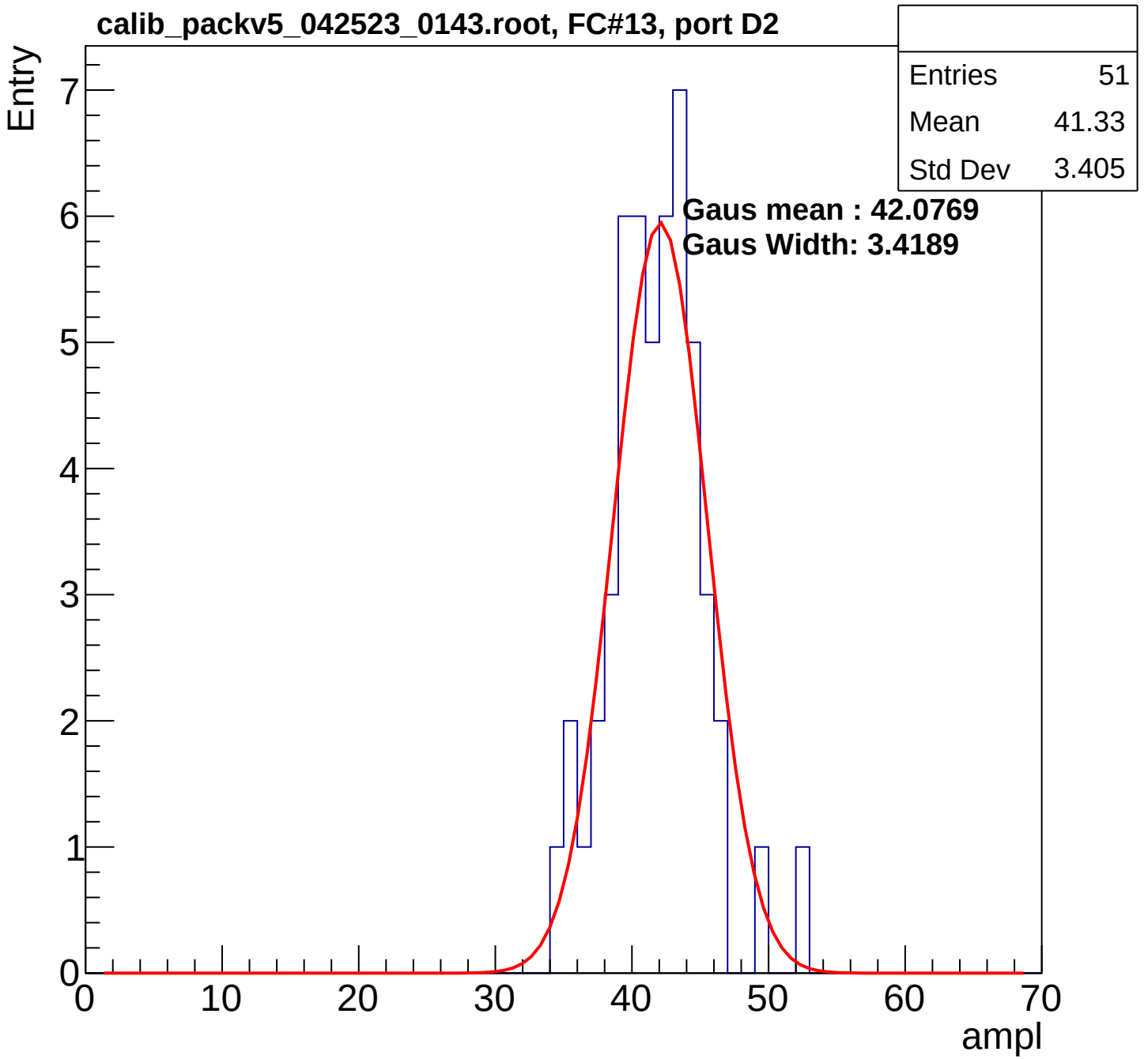

B1L003S, U18-ch101, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 59.09
Std Dev 2.797
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

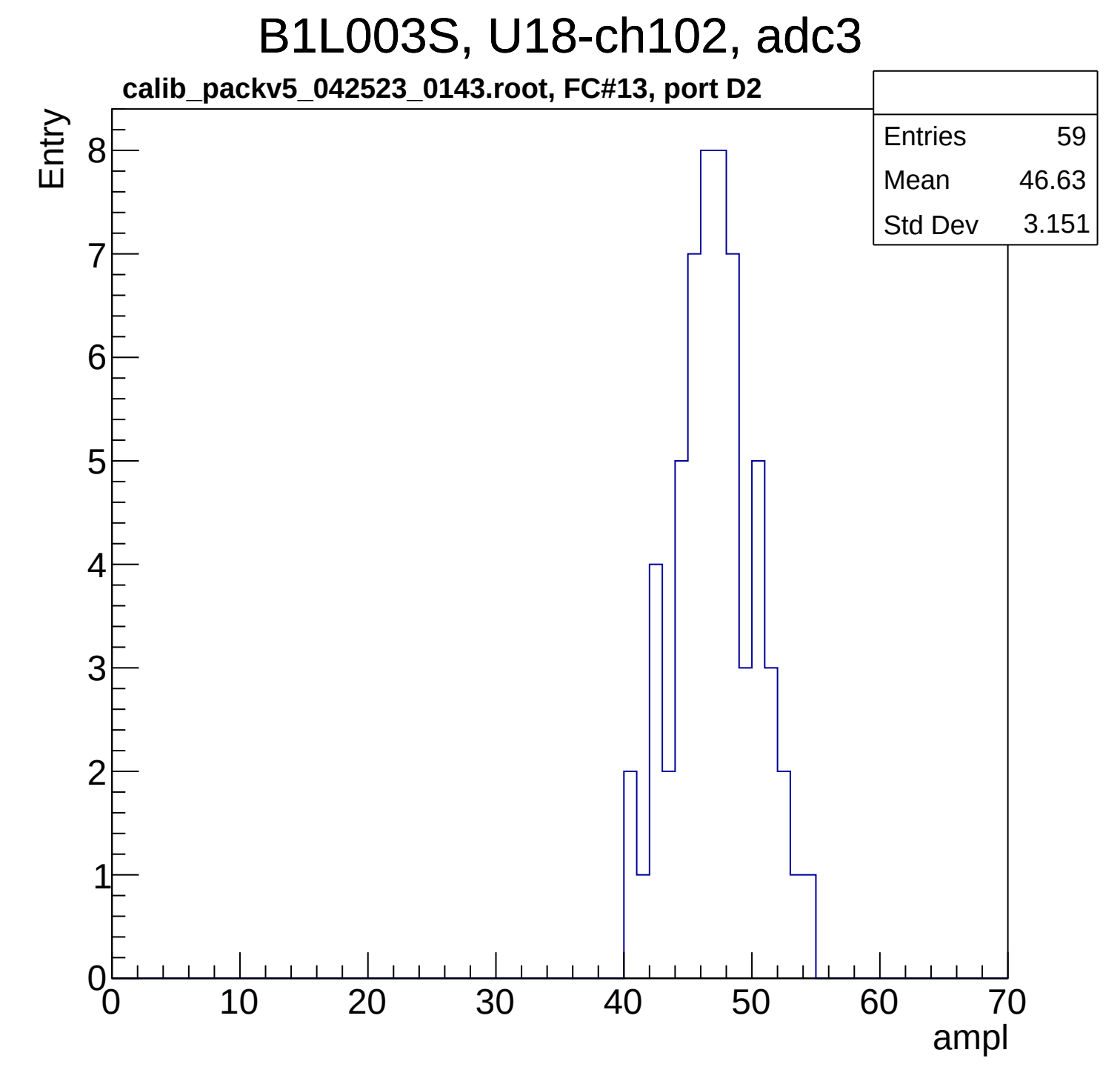

B1L003S, U18-ch101, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 21
Mean 57.43
Std Dev 13.03
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

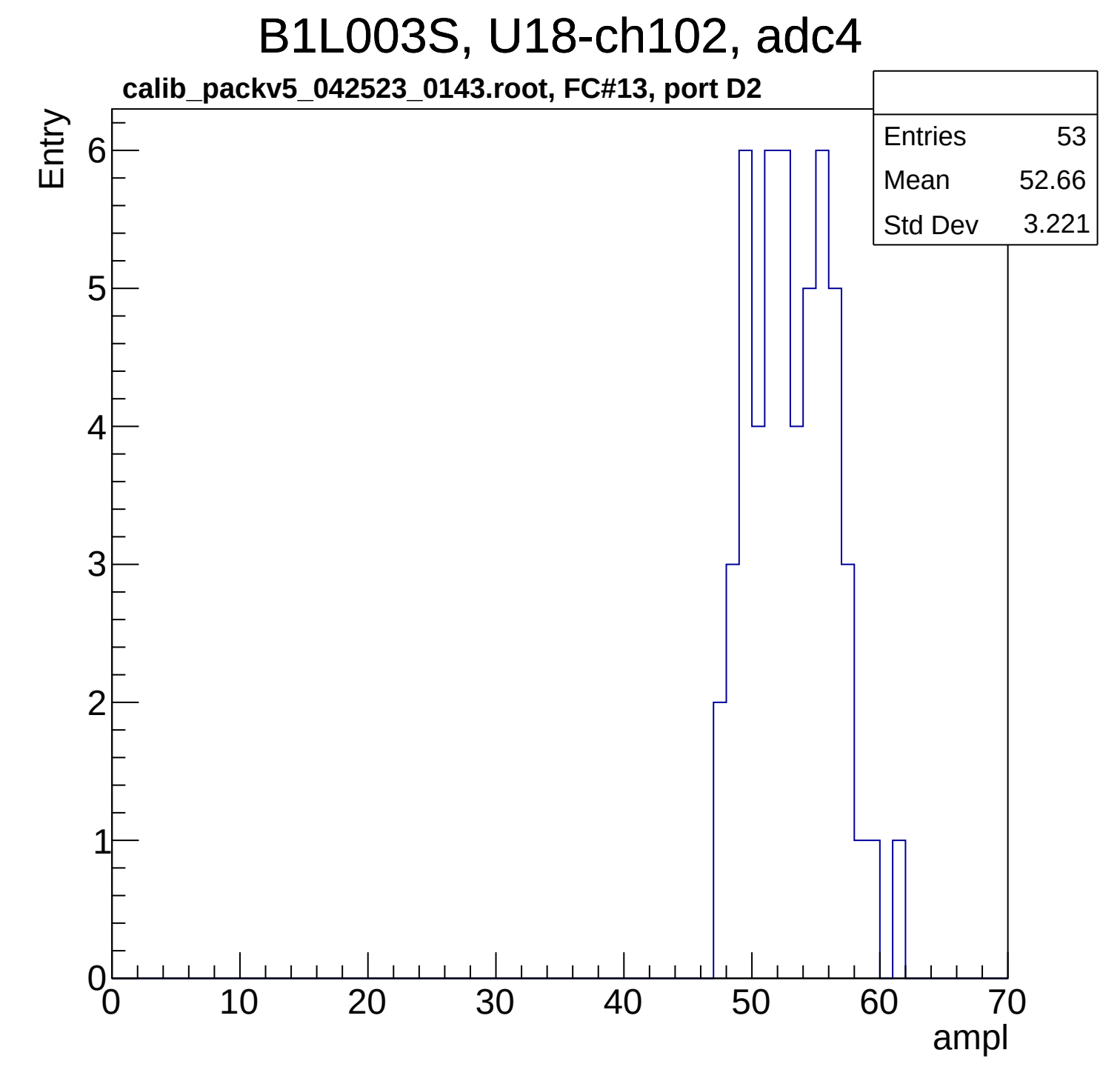

B1L003S, U18-ch101, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 36.25
Std Dev 27.58
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

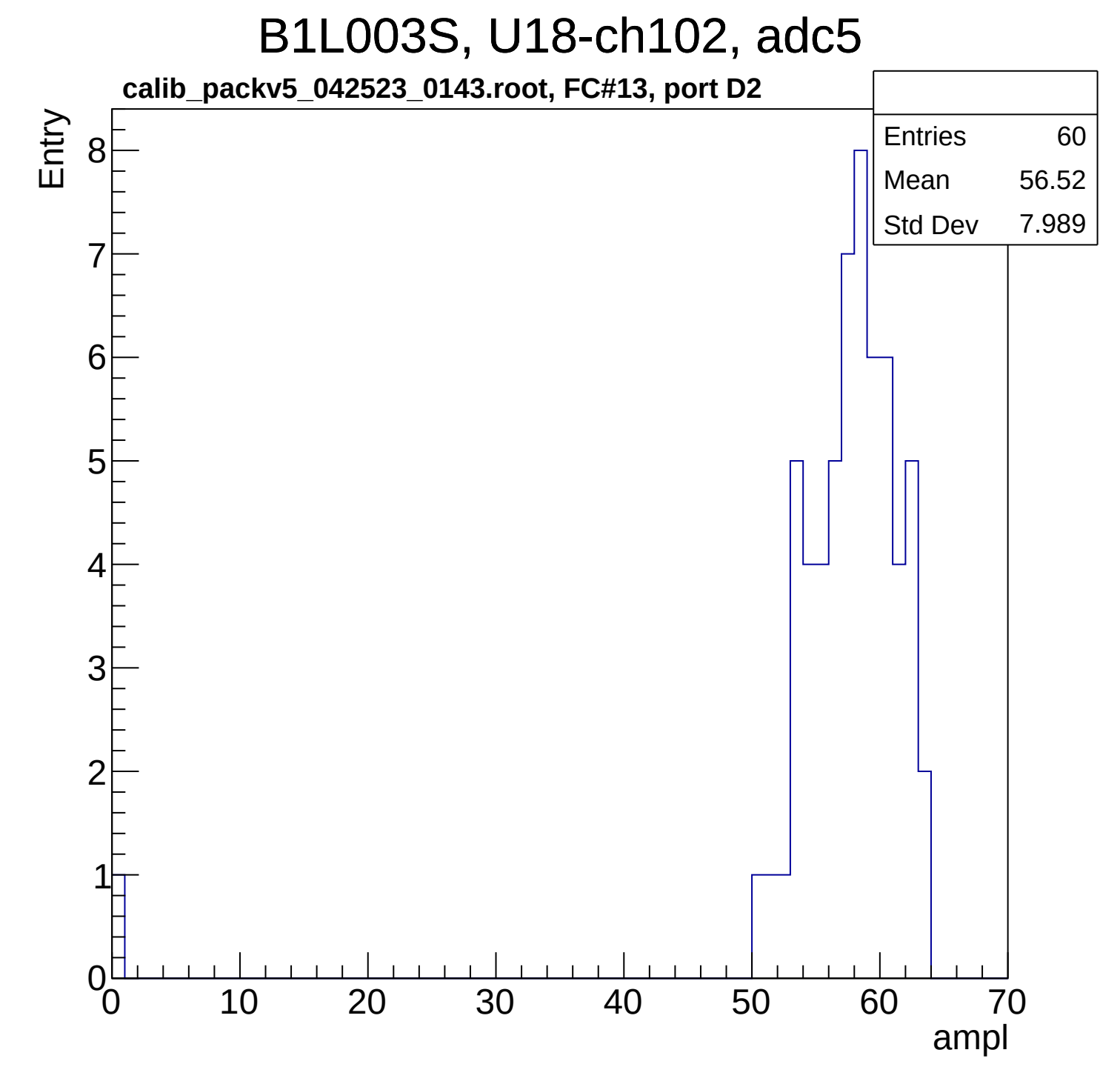

B1L003S, U18-ch102, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 27.09
Std Dev 5.18
Gaus mean : 28.0823
Gaus Width: 3.9511
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

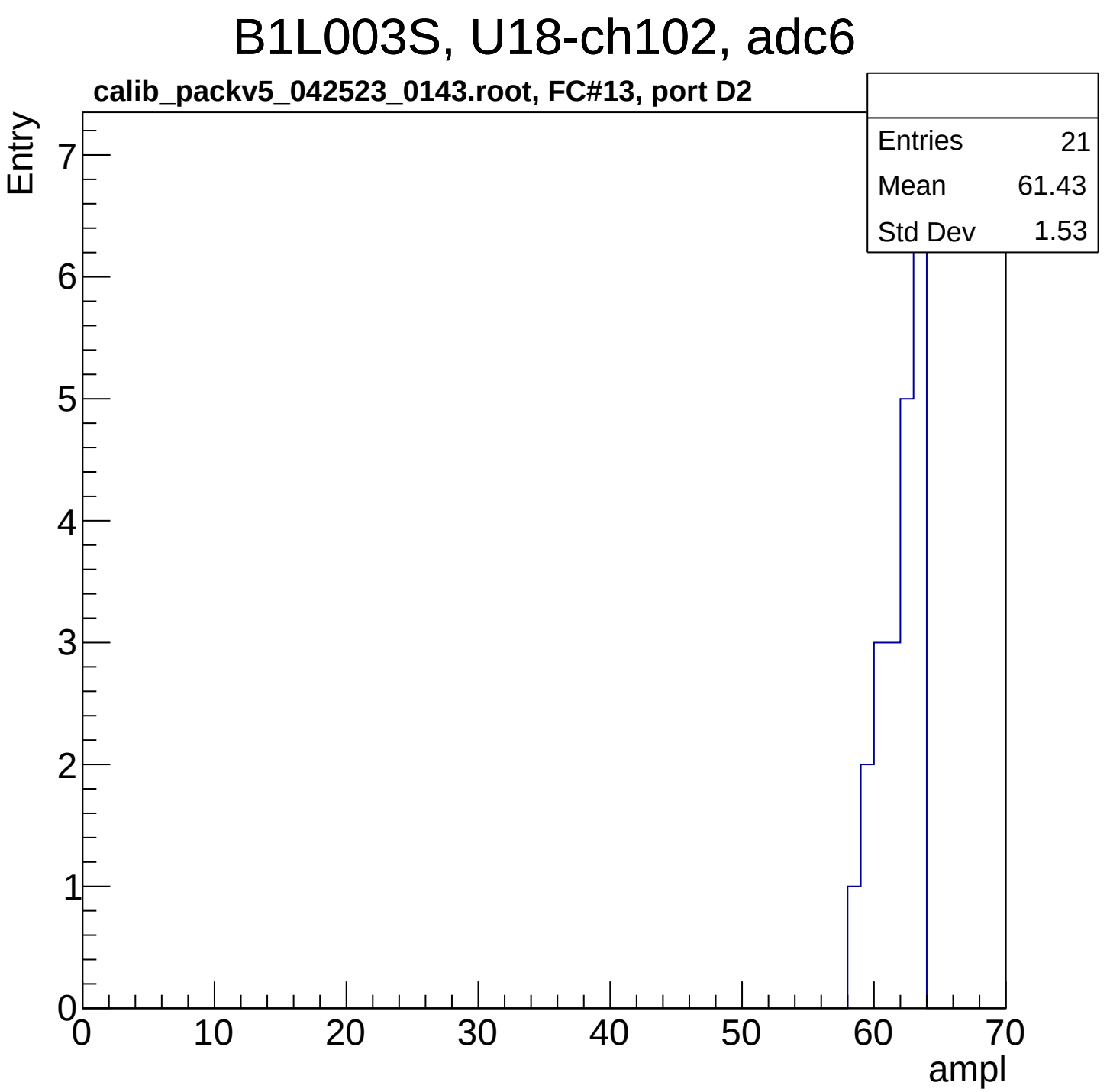

B1L003S, U18-ch102, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 75
Mean 35.01
Std Dev 3.296
Gaus mean : 35.5083
Gaus Width: 3.4680
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

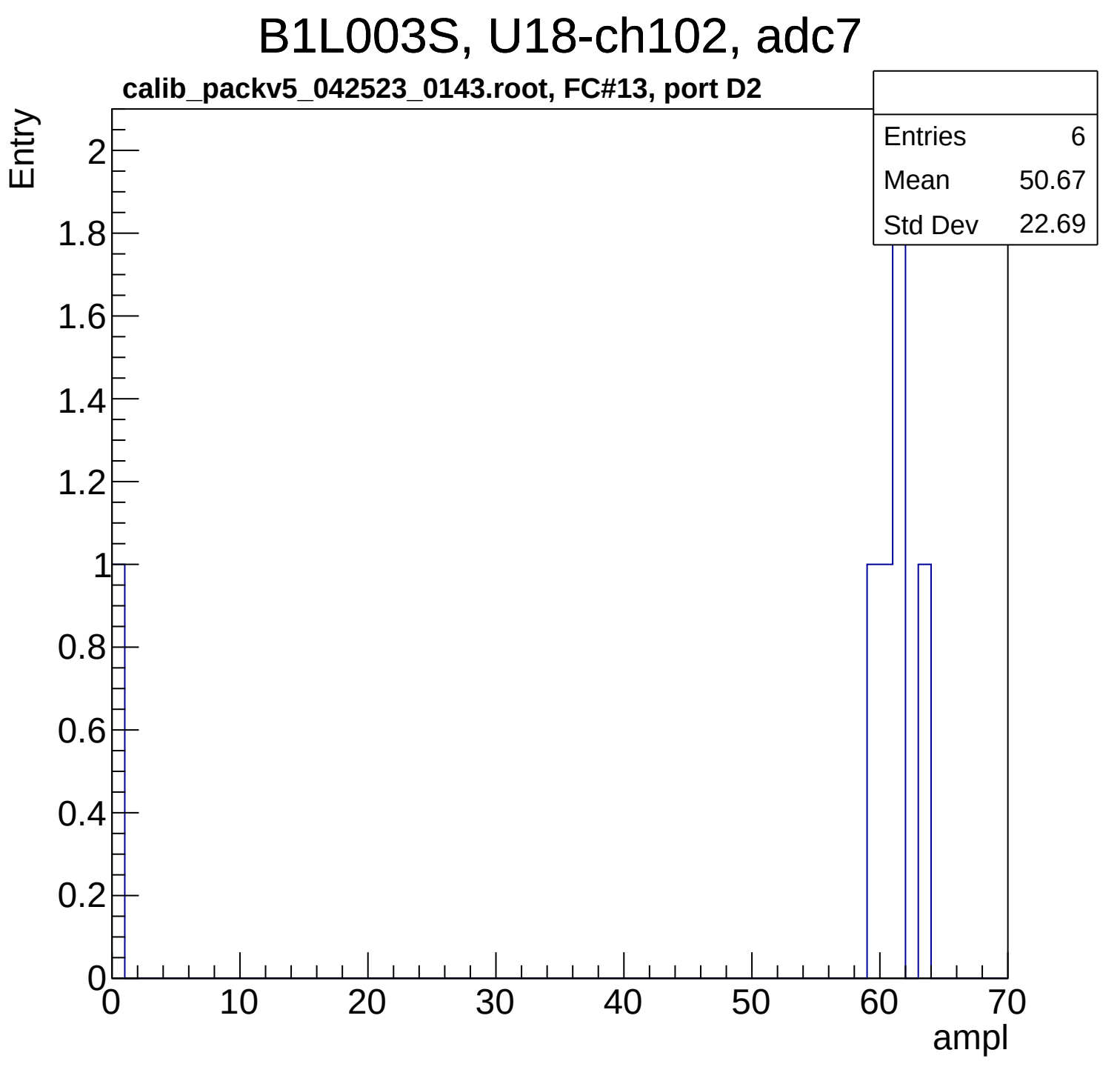

B1L003S, U18-ch102, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 41.33
Std Dev 3.405
Gaus mean : 42.0769
Gaus Width: 3.4189
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

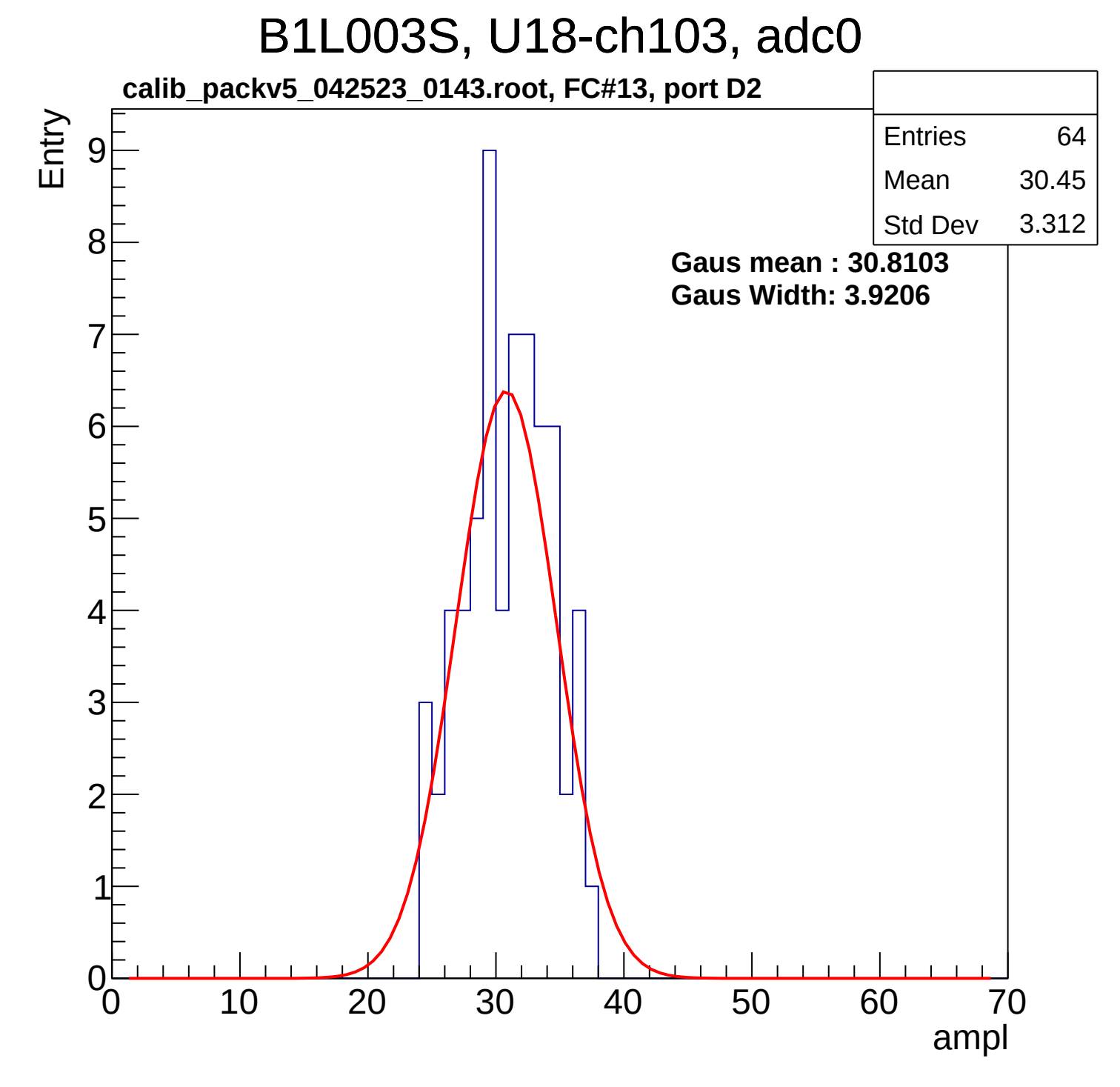

B1L003S, U18-ch102, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 46.63
Std Dev 3.151
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

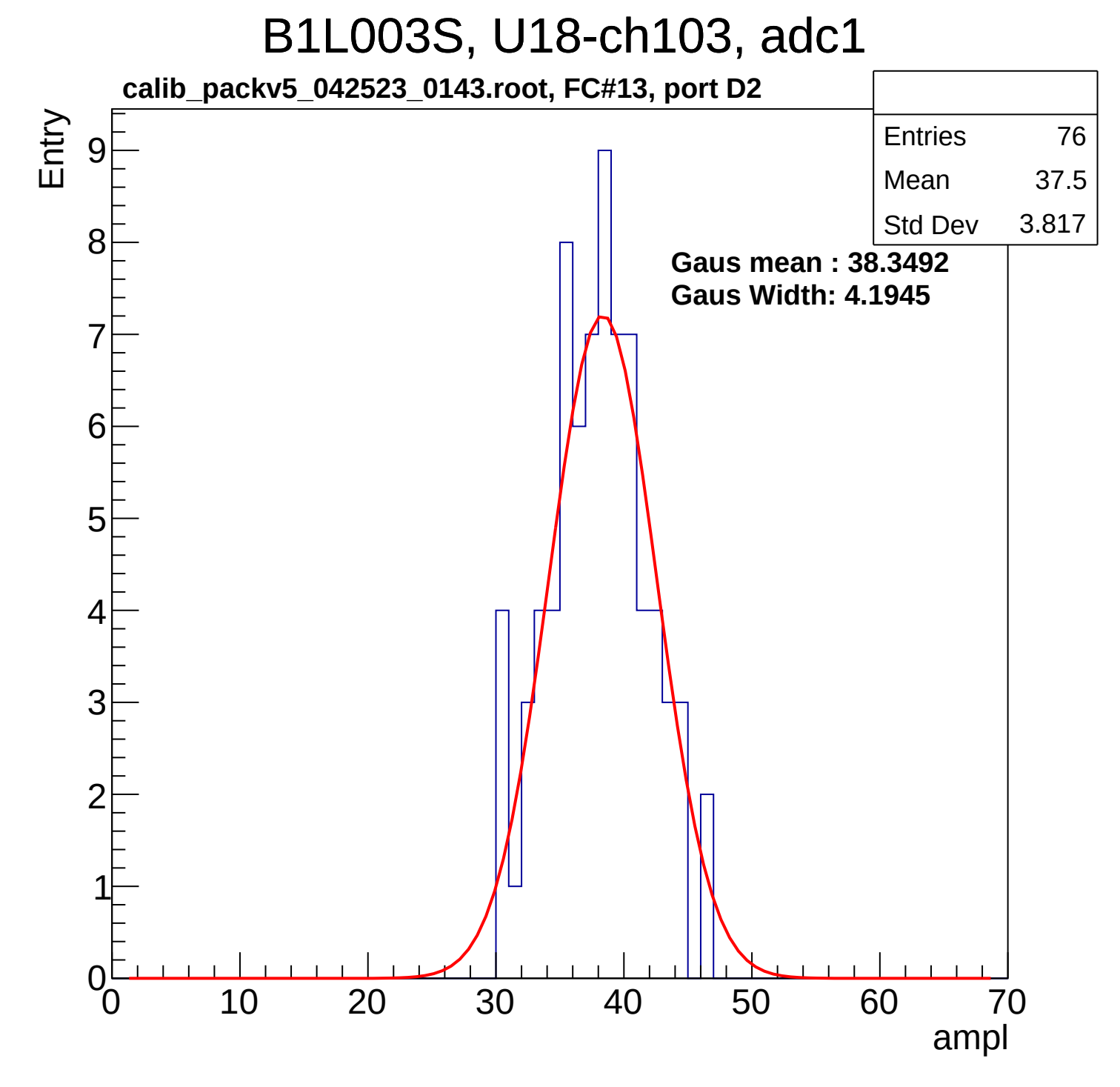

B1L003S, U18-ch102, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 52.66
Std Dev 3.221
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

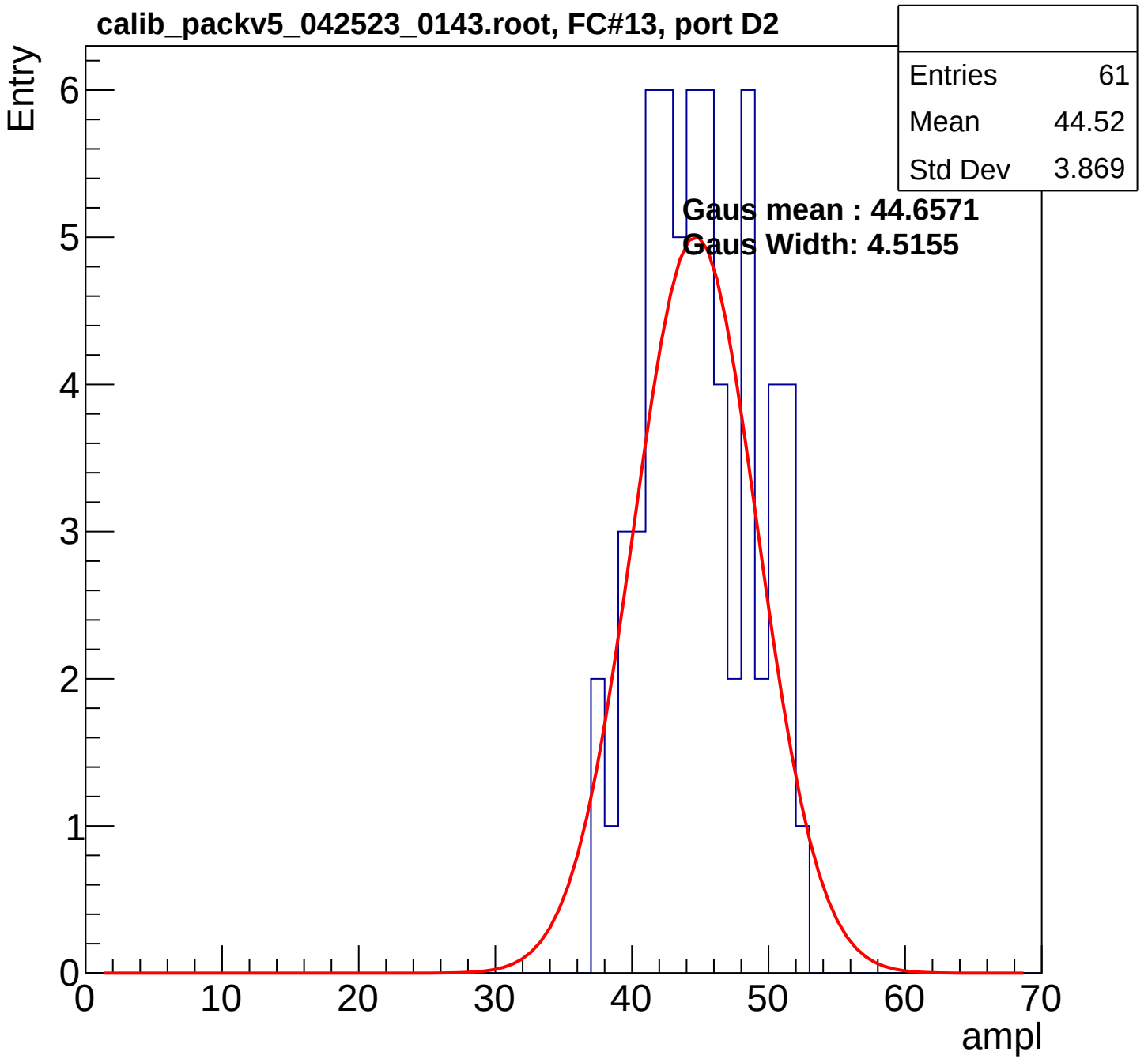

B1L003S, U18-ch102, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 56.52
Std Dev 7.989
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

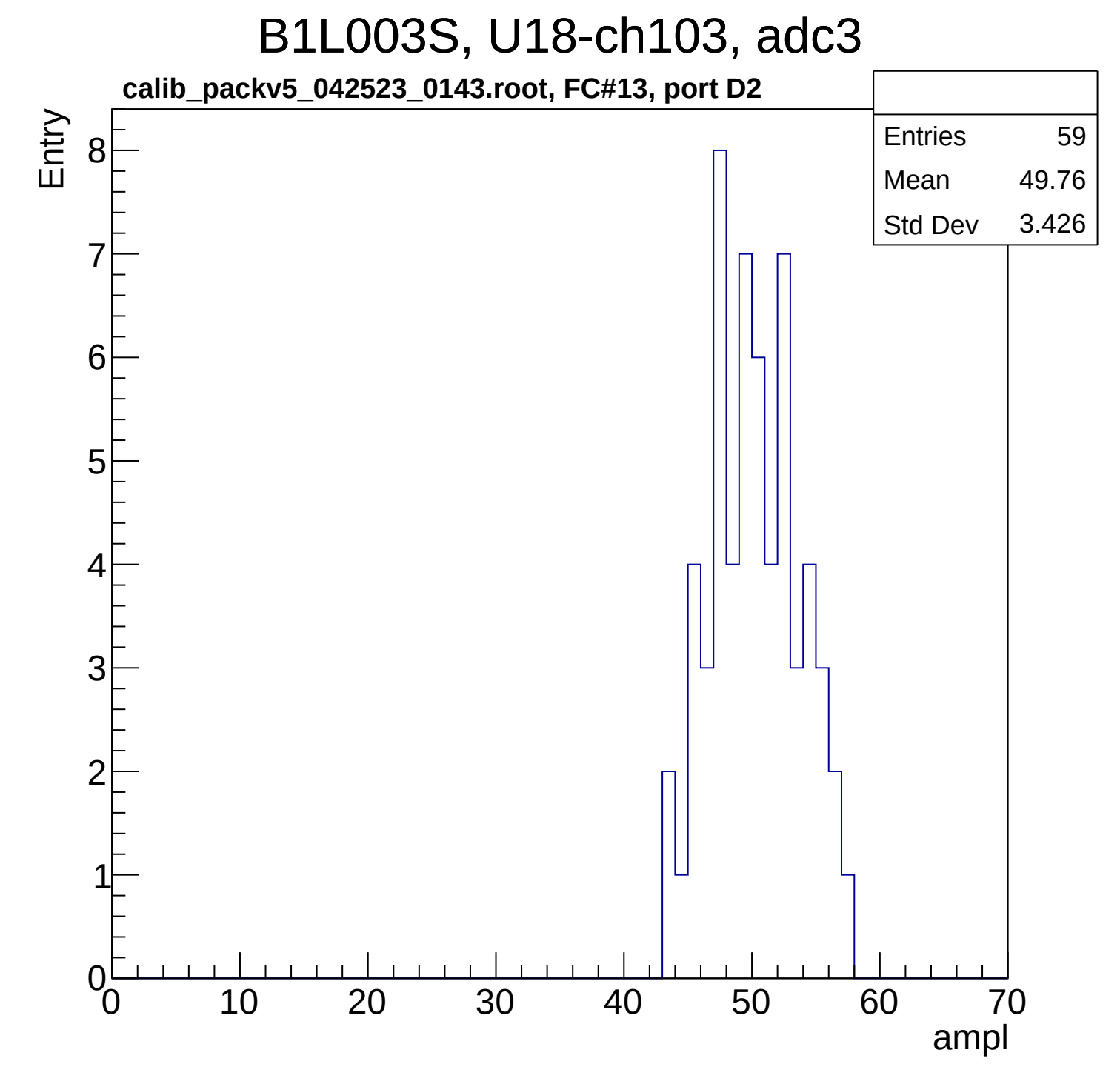

B1L003S, U18-ch102, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 21
Mean 61.43
Std Dev 1.53
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

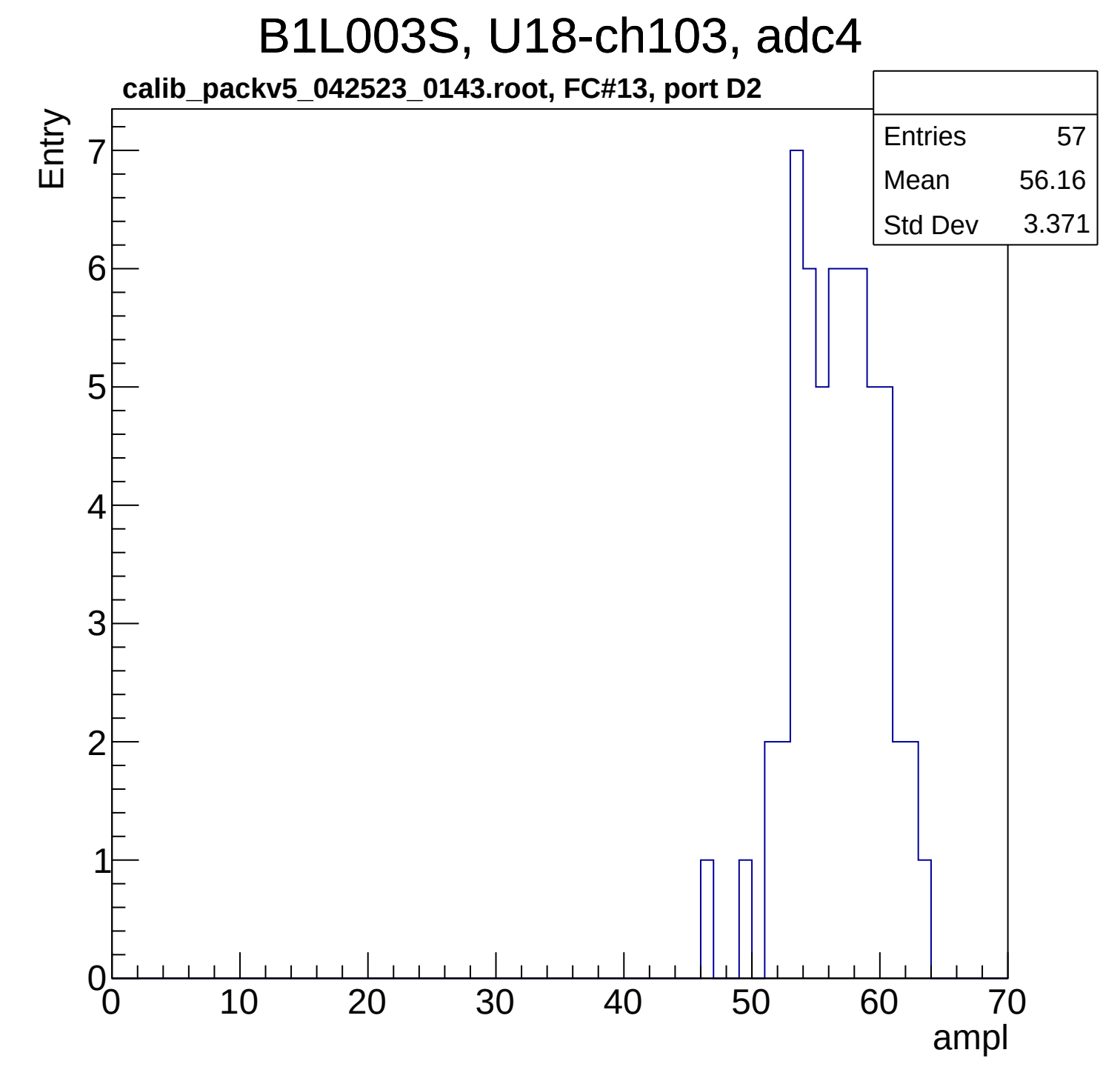

B1L003S, U18-ch102, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 50.67
Std Dev 22.69
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

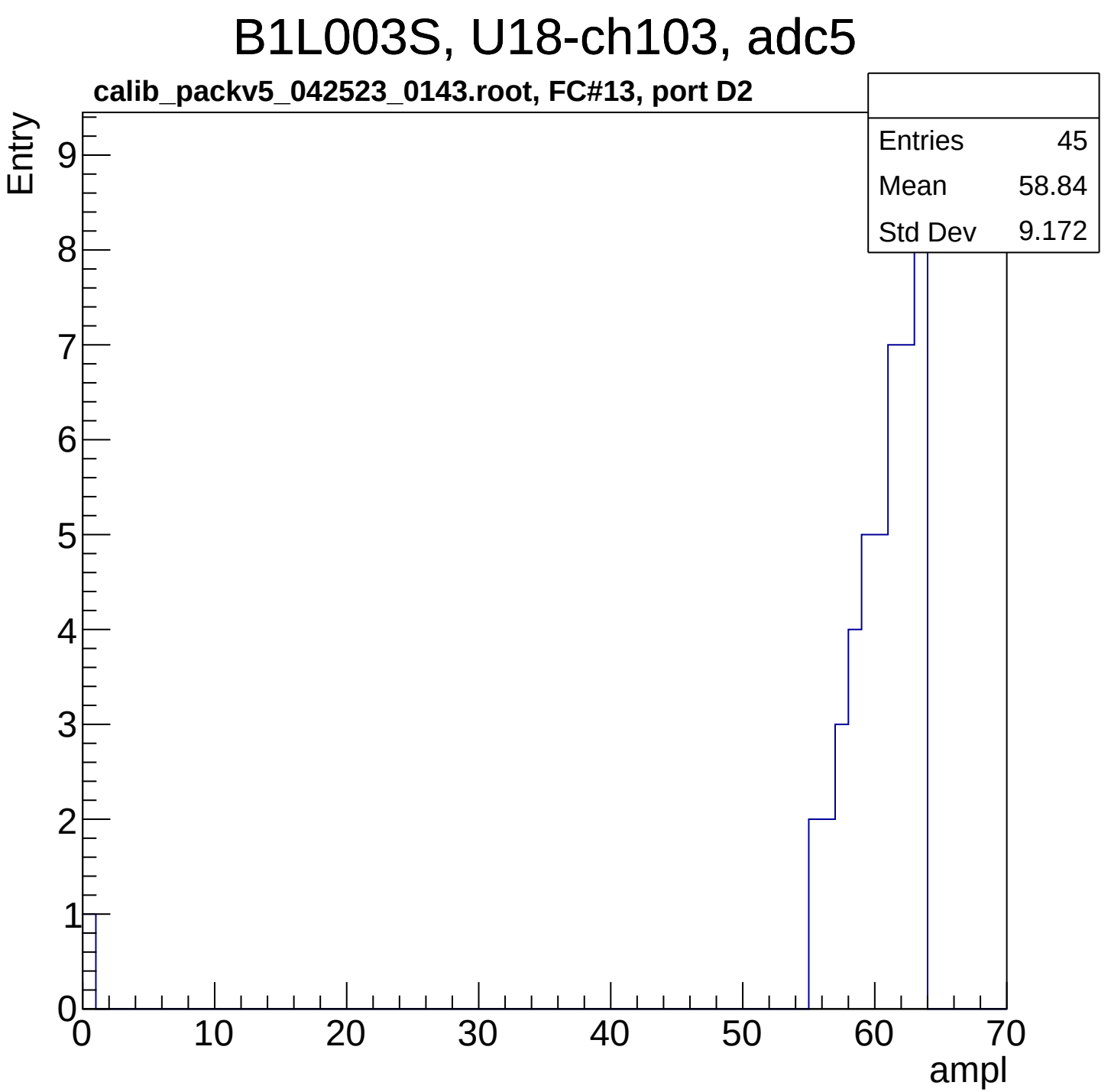

B1L003S, U18-ch103, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 30.45
Std Dev 3.312
Gaus mean : 30.8103
Gaus Width: 3.9206
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

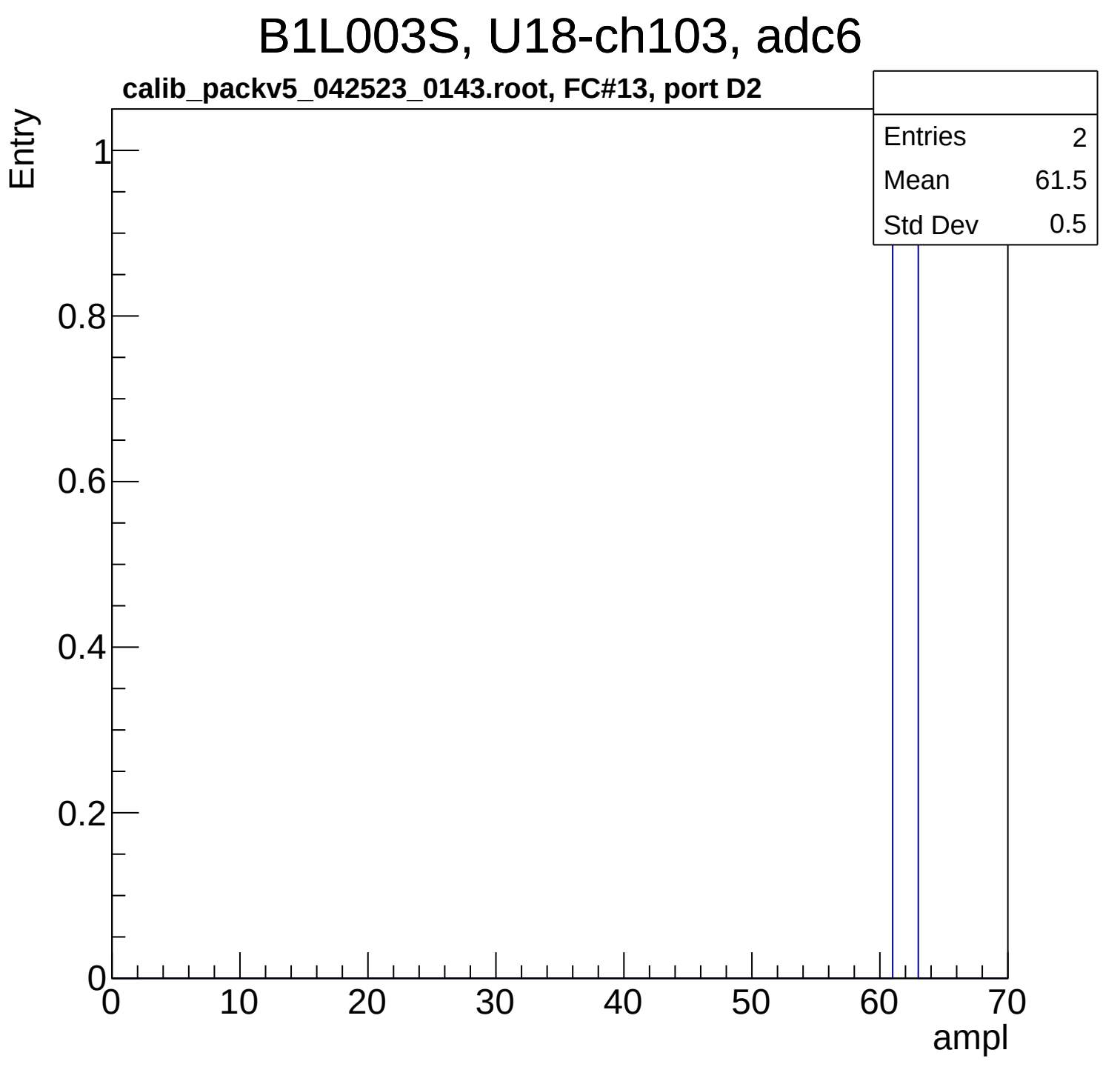

B1L003S, U18-ch103, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 37.5
Std Dev 3.817
Gaus mean : 38.3492
Gaus Width: 4.1945
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

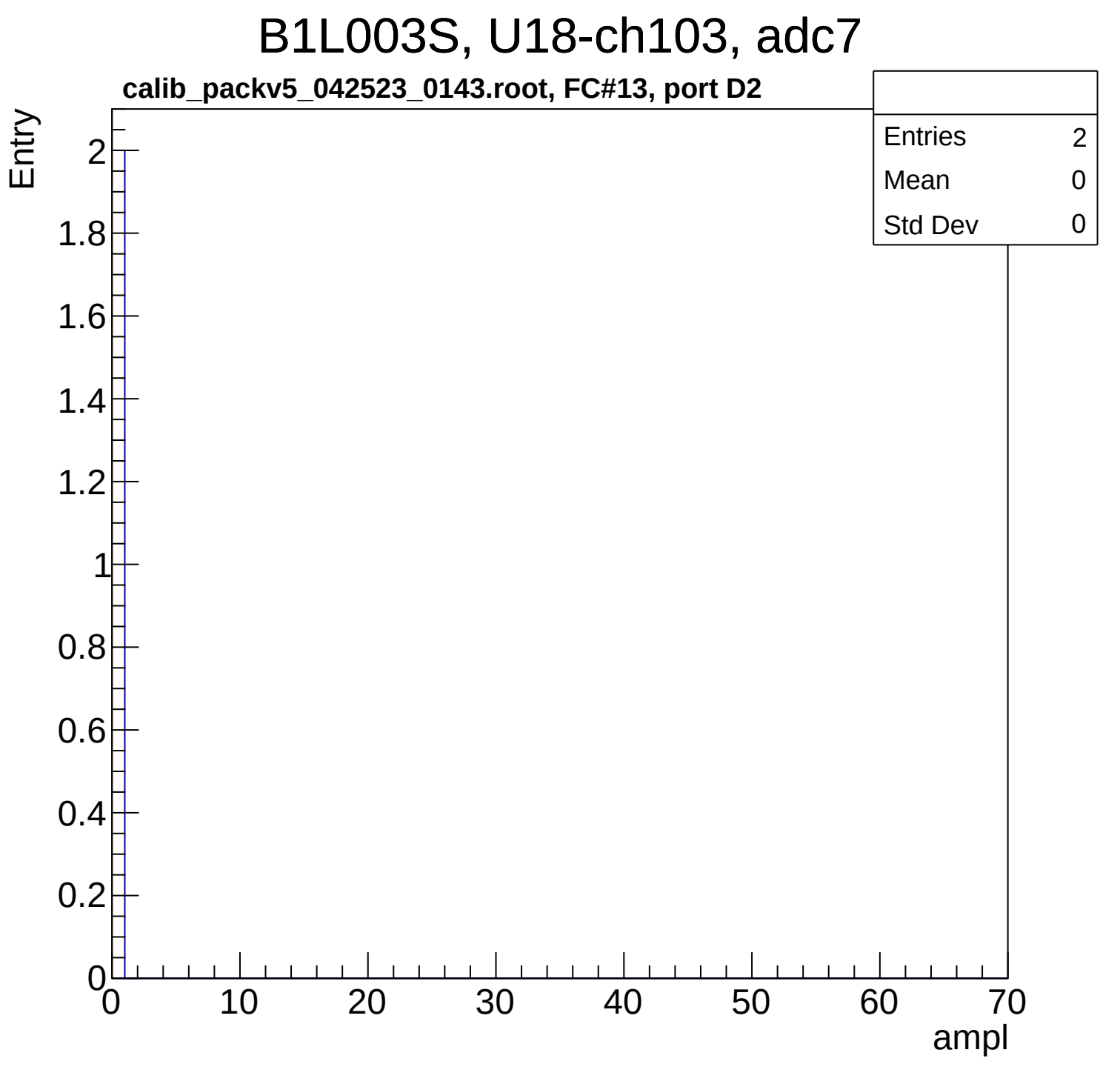

B1L003S, U18-ch103, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 44.52
Std Dev 3.869
Gaus mean : 44.6571
Gaus Width: 4.5155
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

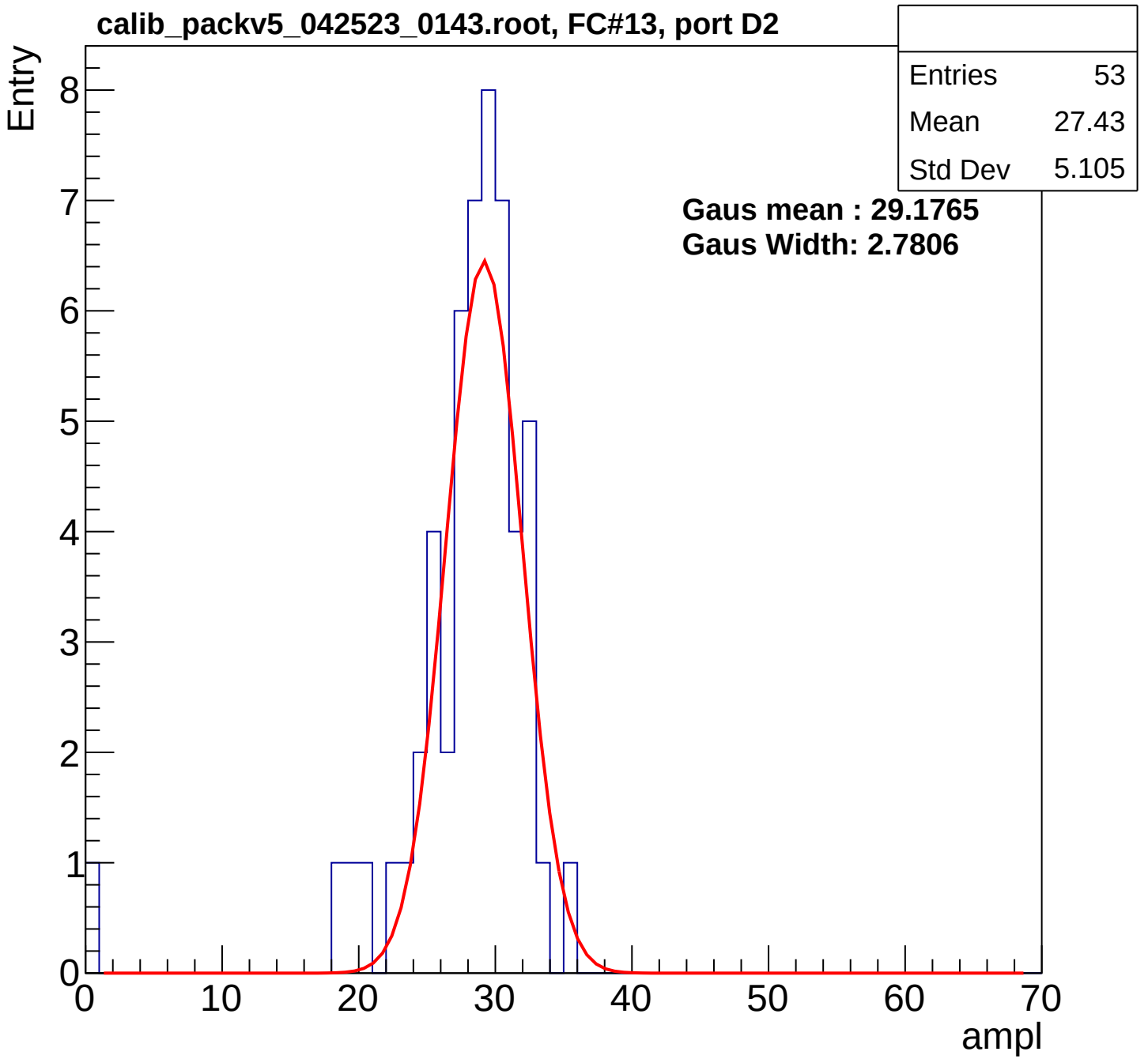

B1L003S, U18-ch103, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 49.76
Std Dev 3.426
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

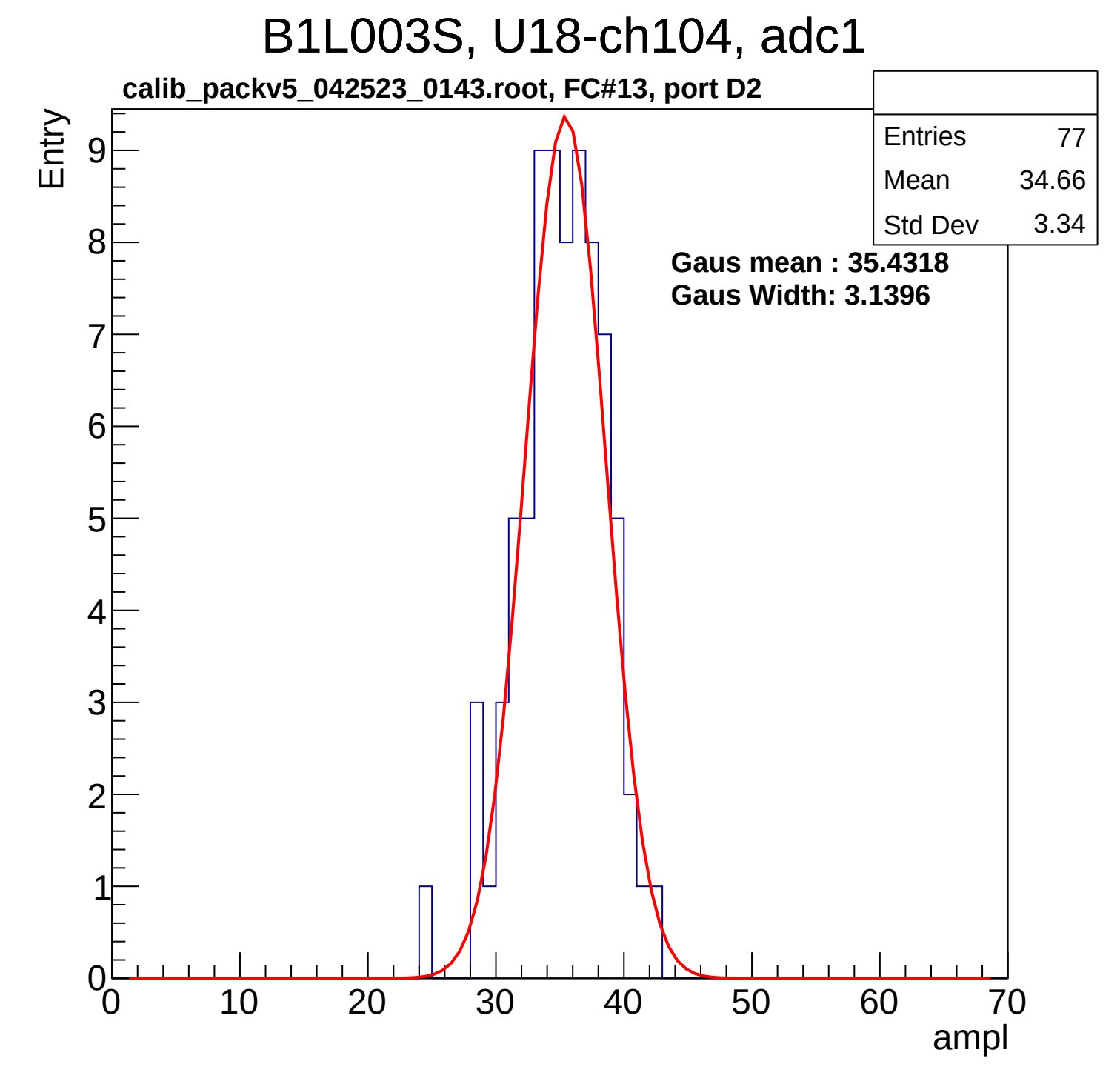

B1L003S, U18-ch103, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 56.16
Std Dev 3.371
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

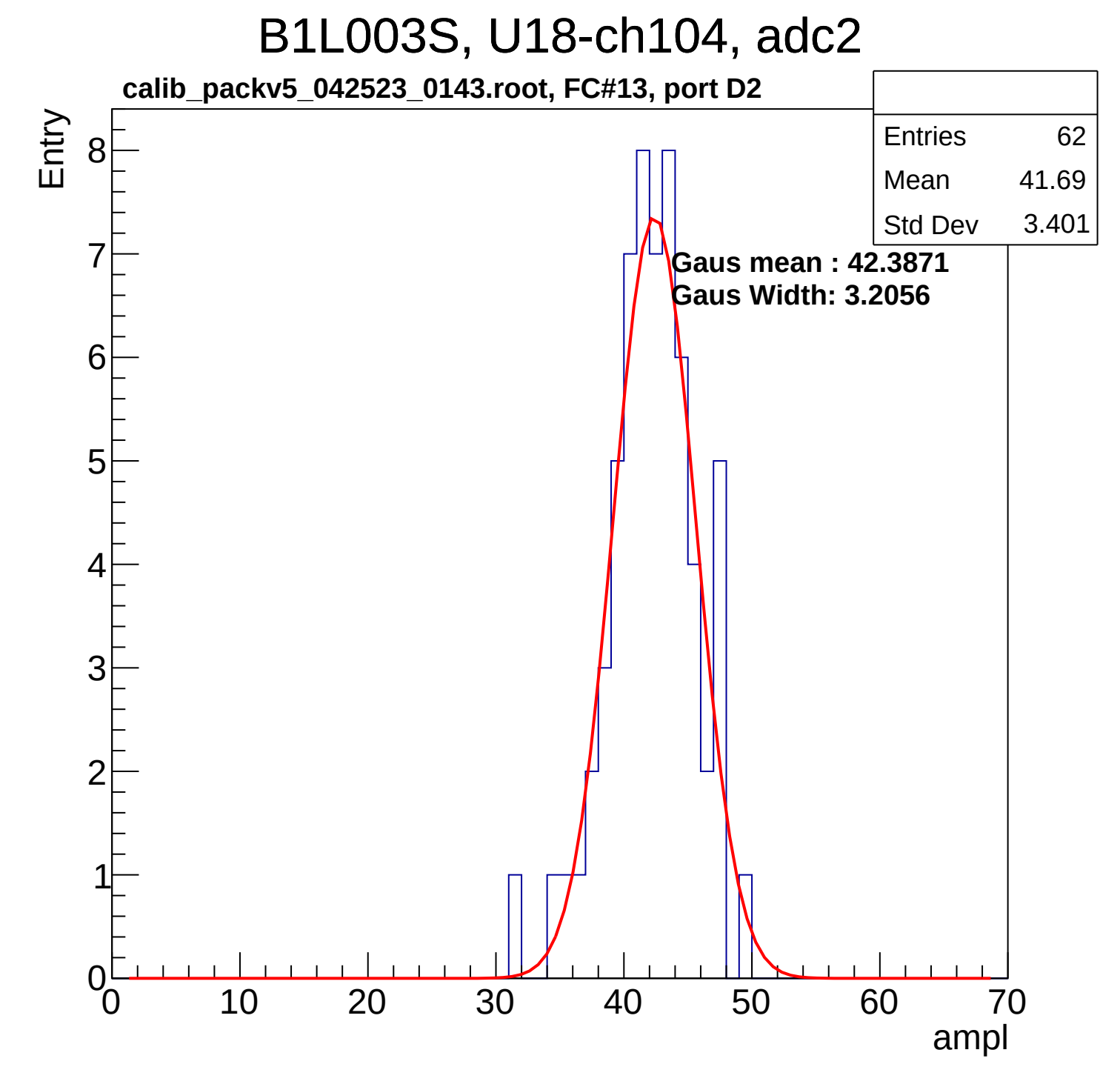

B1L003S, U18-ch103, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 45
Mean 58.84
Std Dev 9.172
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

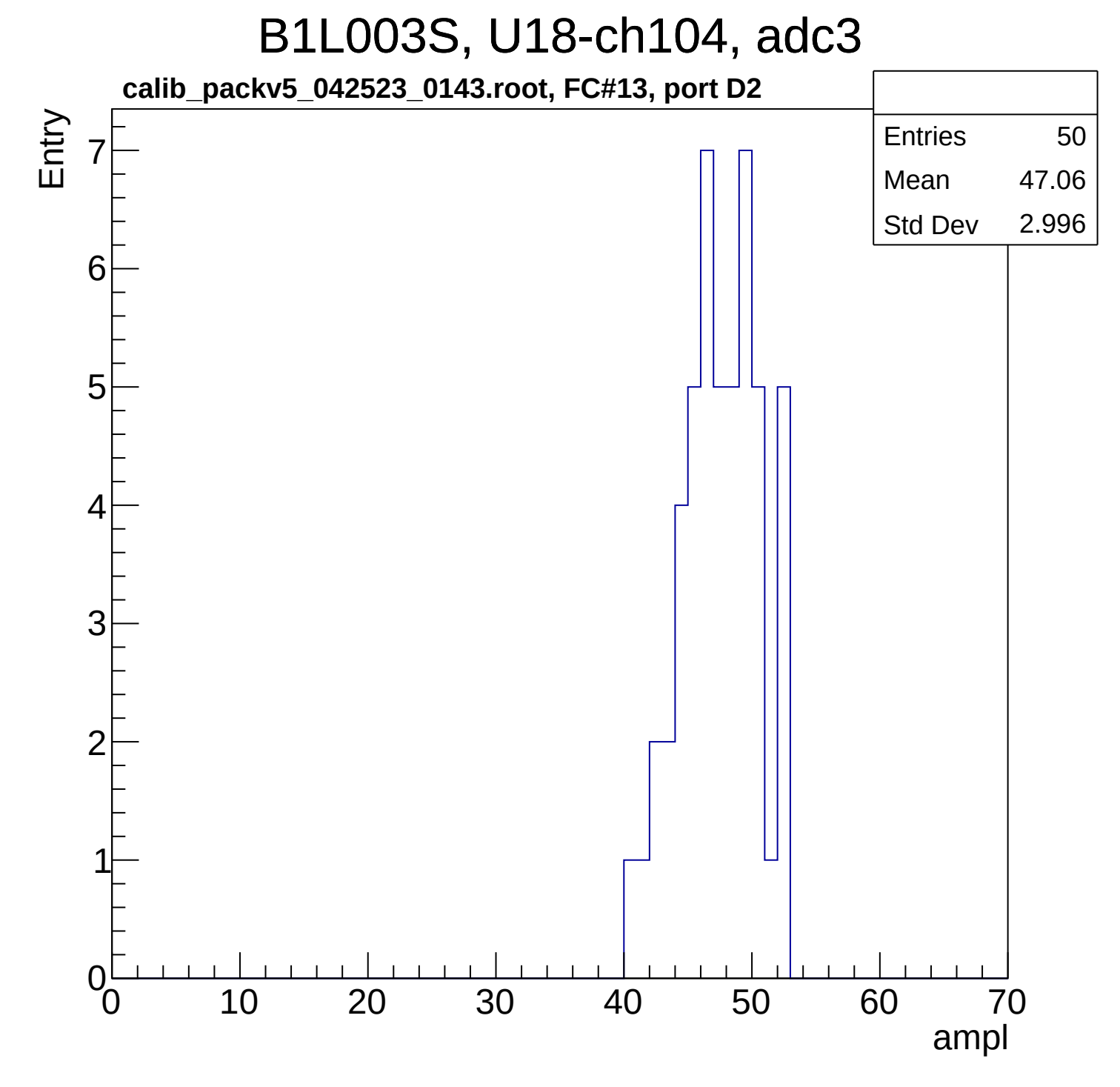

B1L003S, U18-ch103, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 61.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

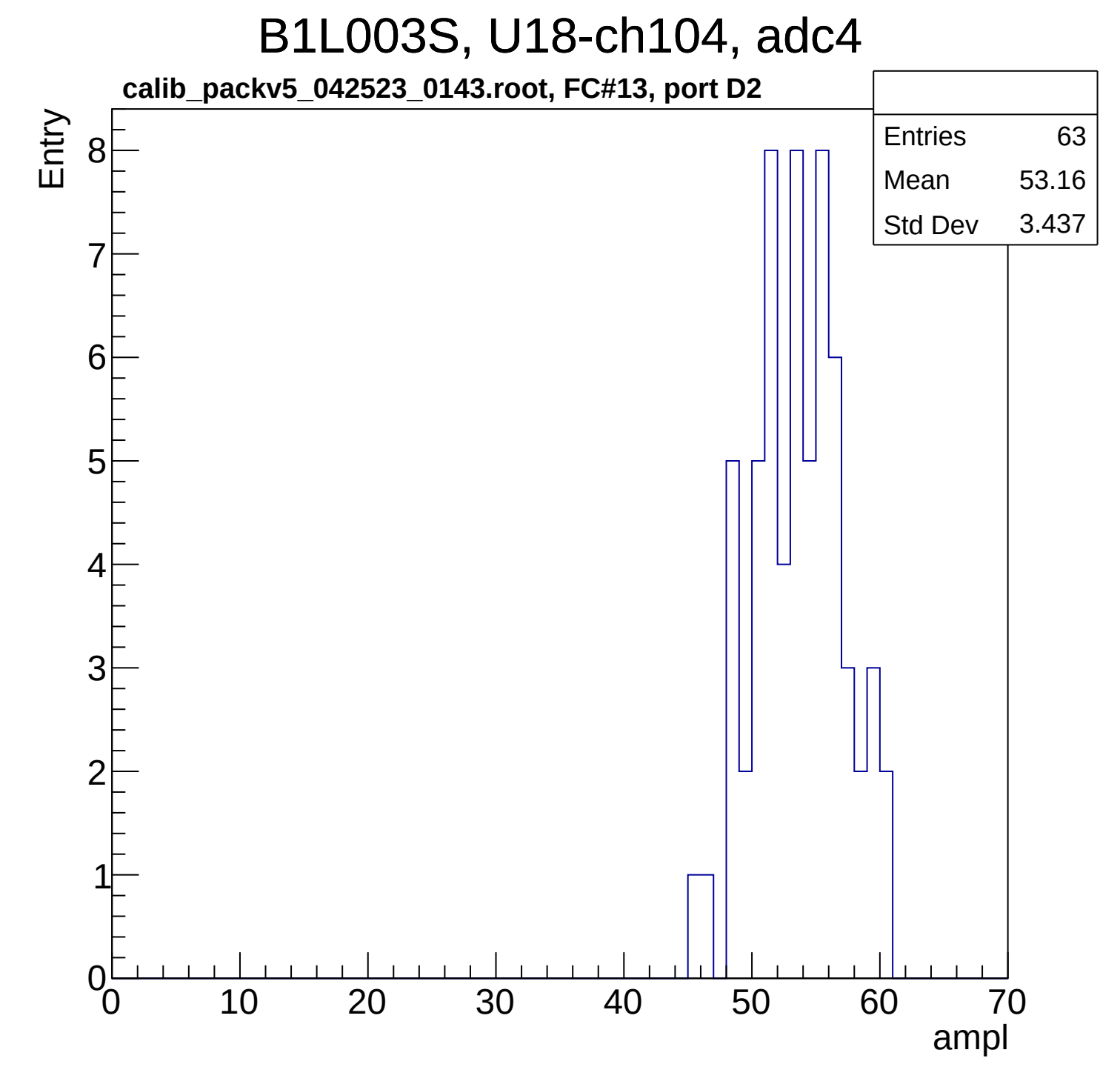

B1L003S, U18-ch103, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

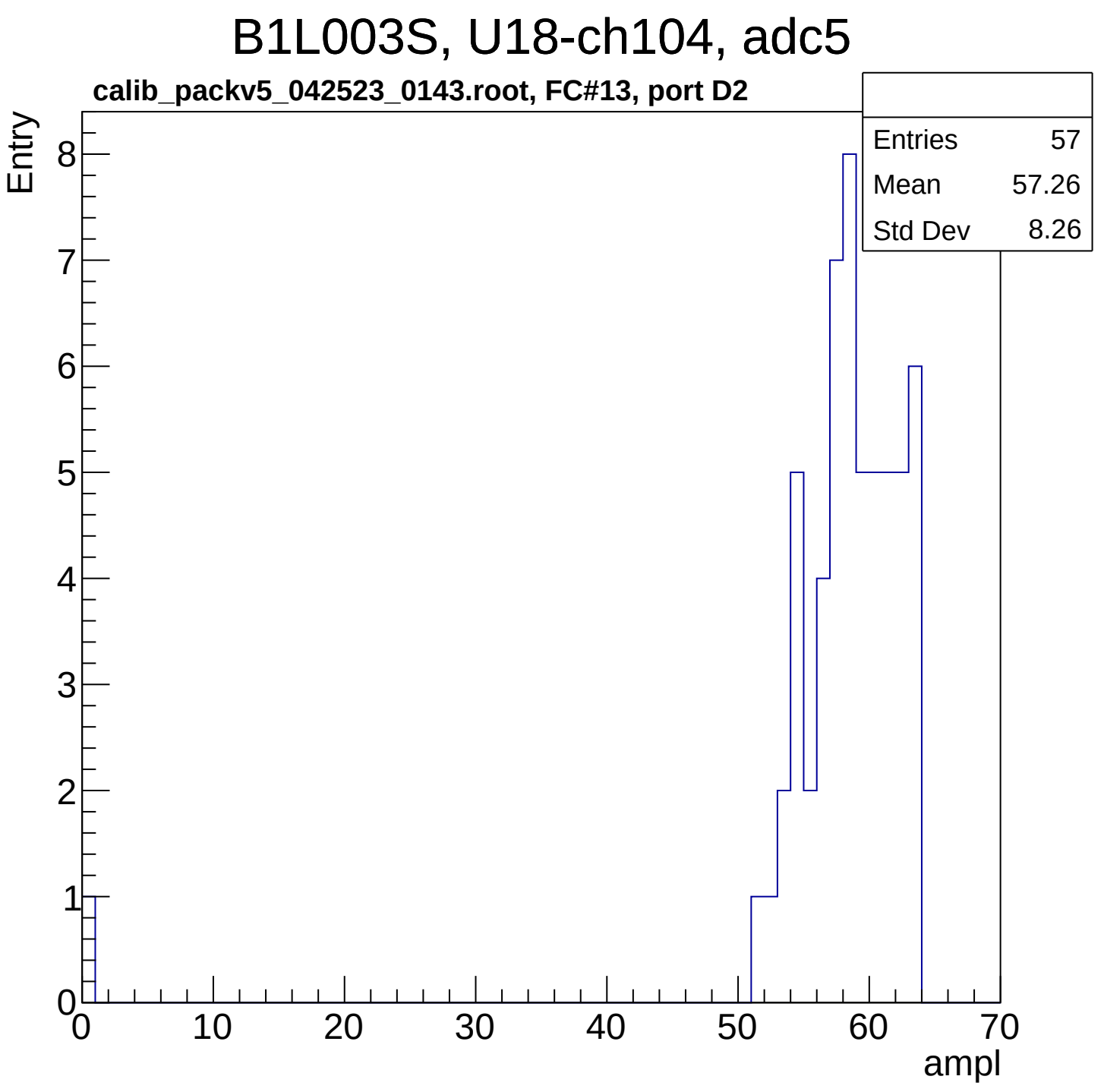

B1L003S, U18-ch104, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 27.43
Std Dev 5.105
Gaus mean : 29.1765
Gaus Width: 2.7806
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

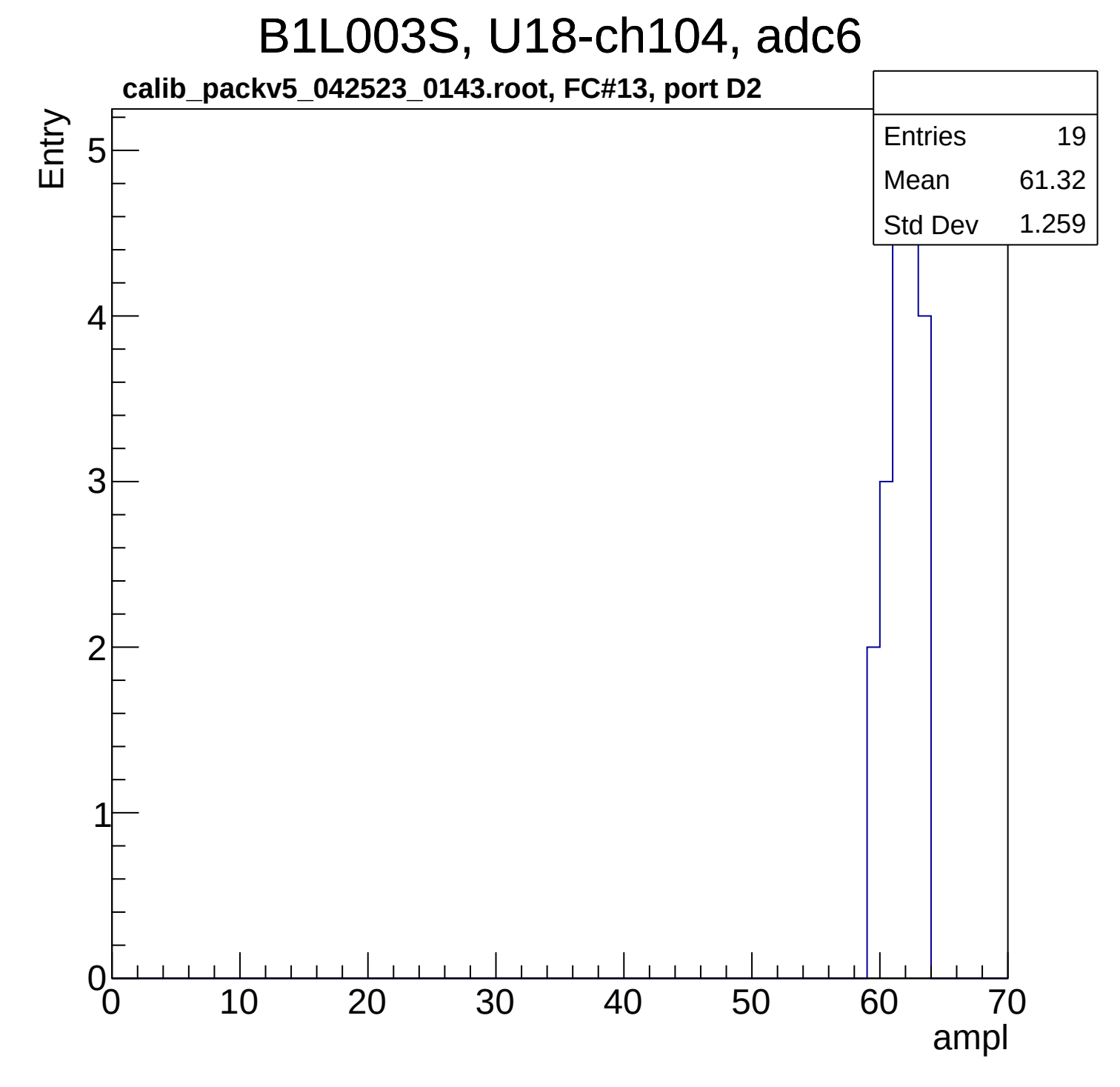

B1L003S, U18-ch104, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 34.66
Std Dev 3.34
Gaus mean : 35.4318
Gaus Width: 3.1396
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

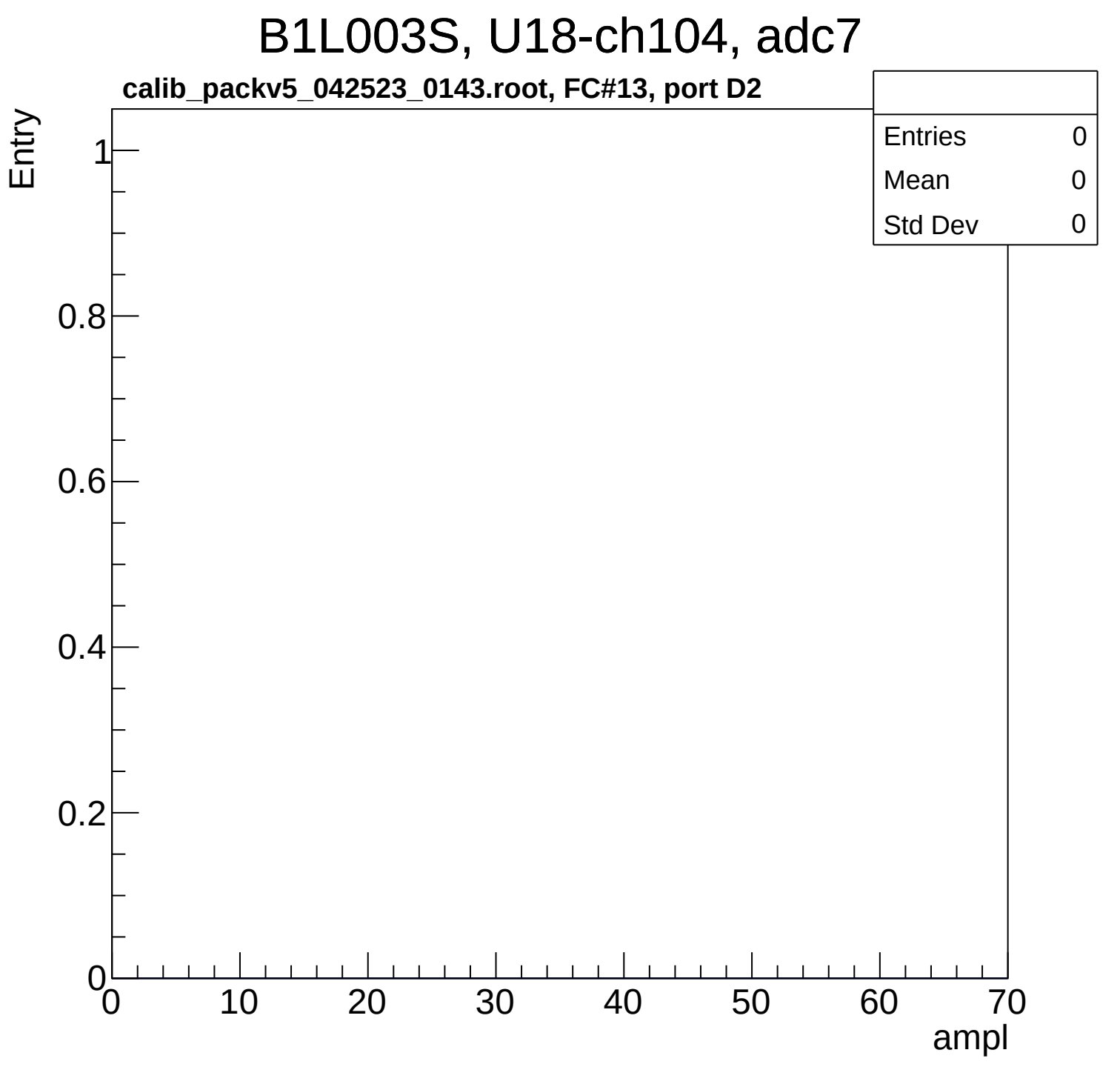

B1L003S, U18-ch104, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 41.69
Std Dev 3.401
Gaus mean : 42.3871
Gaus Width: 3.2056
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

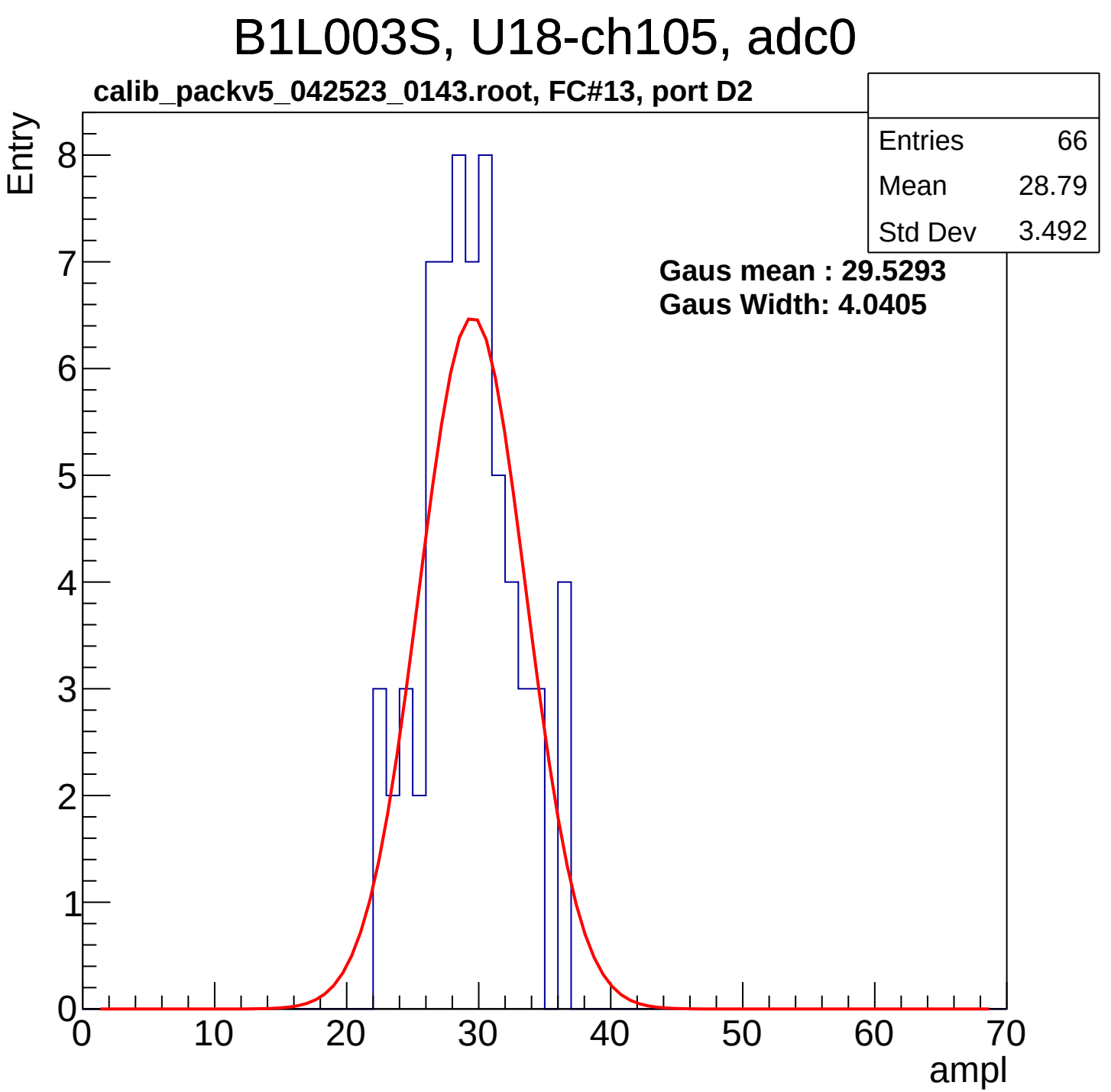

B1L003S, U18-ch104, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 47.06
Std Dev 2.996
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

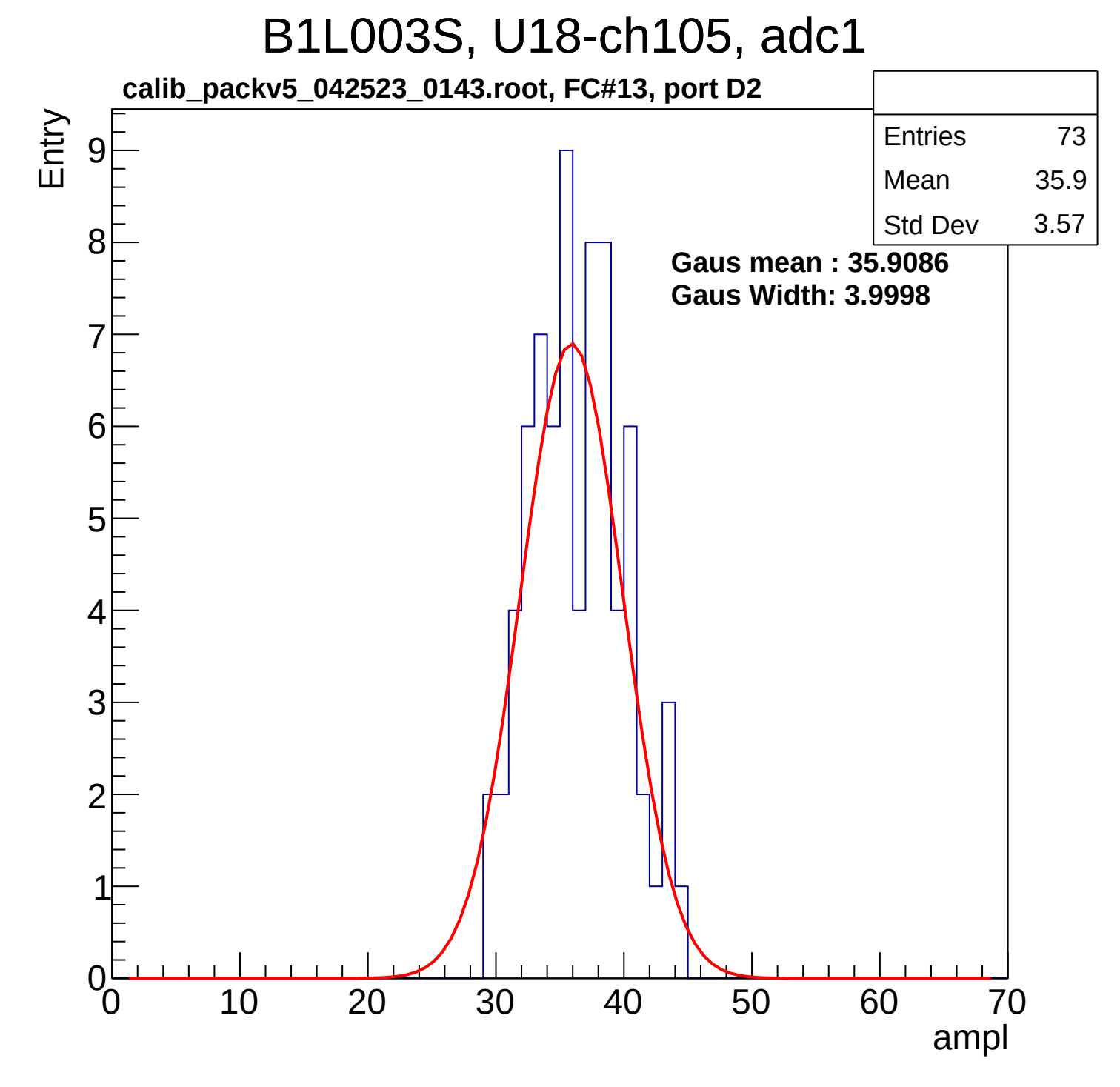

B1L003S, U18-ch104, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 53.16
Std Dev 3.437
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

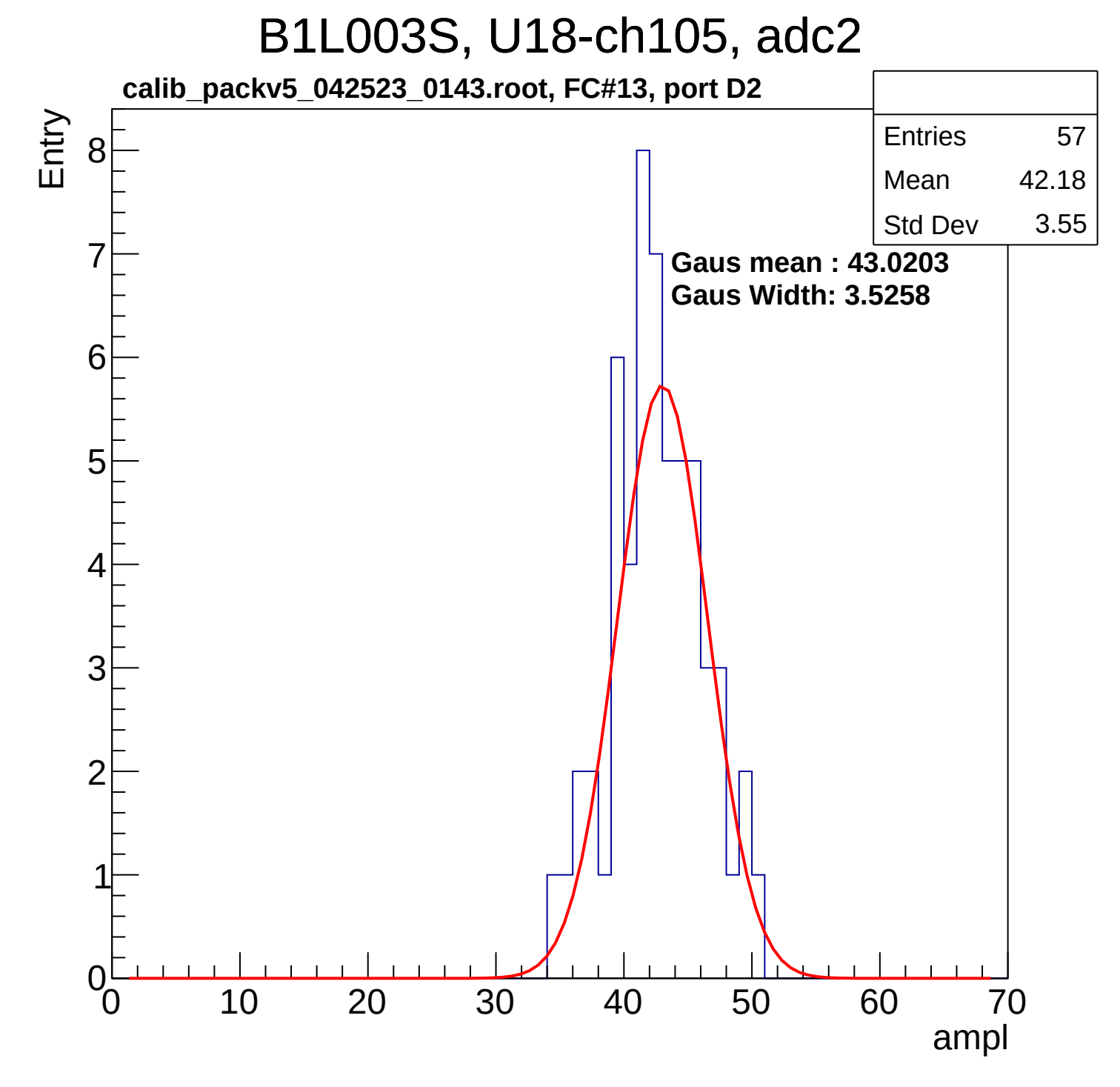

B1L003S, U18-ch104, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 57.26
Std Dev 8.26
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

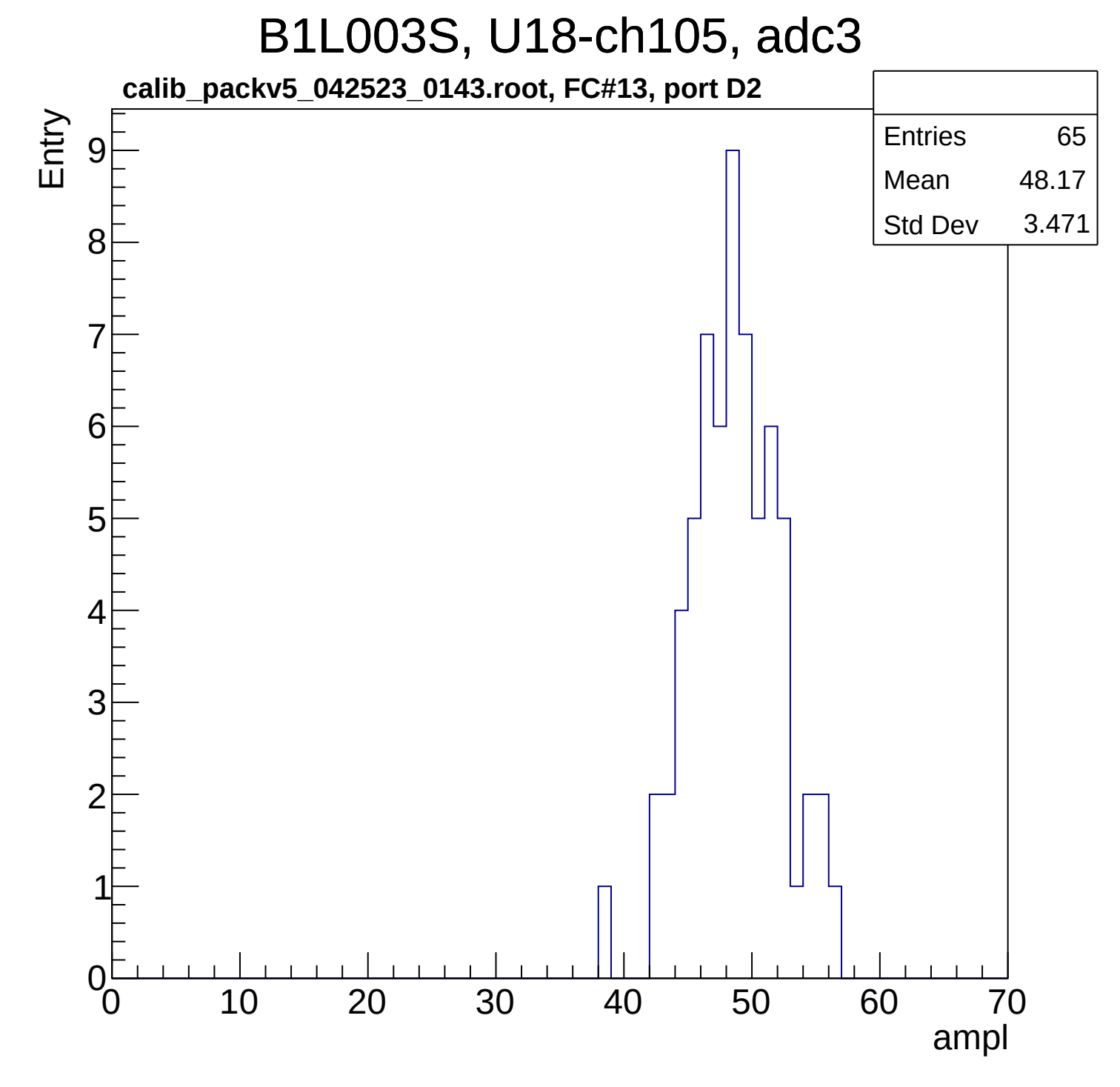

B1L003S, U18-ch104, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 19
Mean 61.32
Std Dev 1.259
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

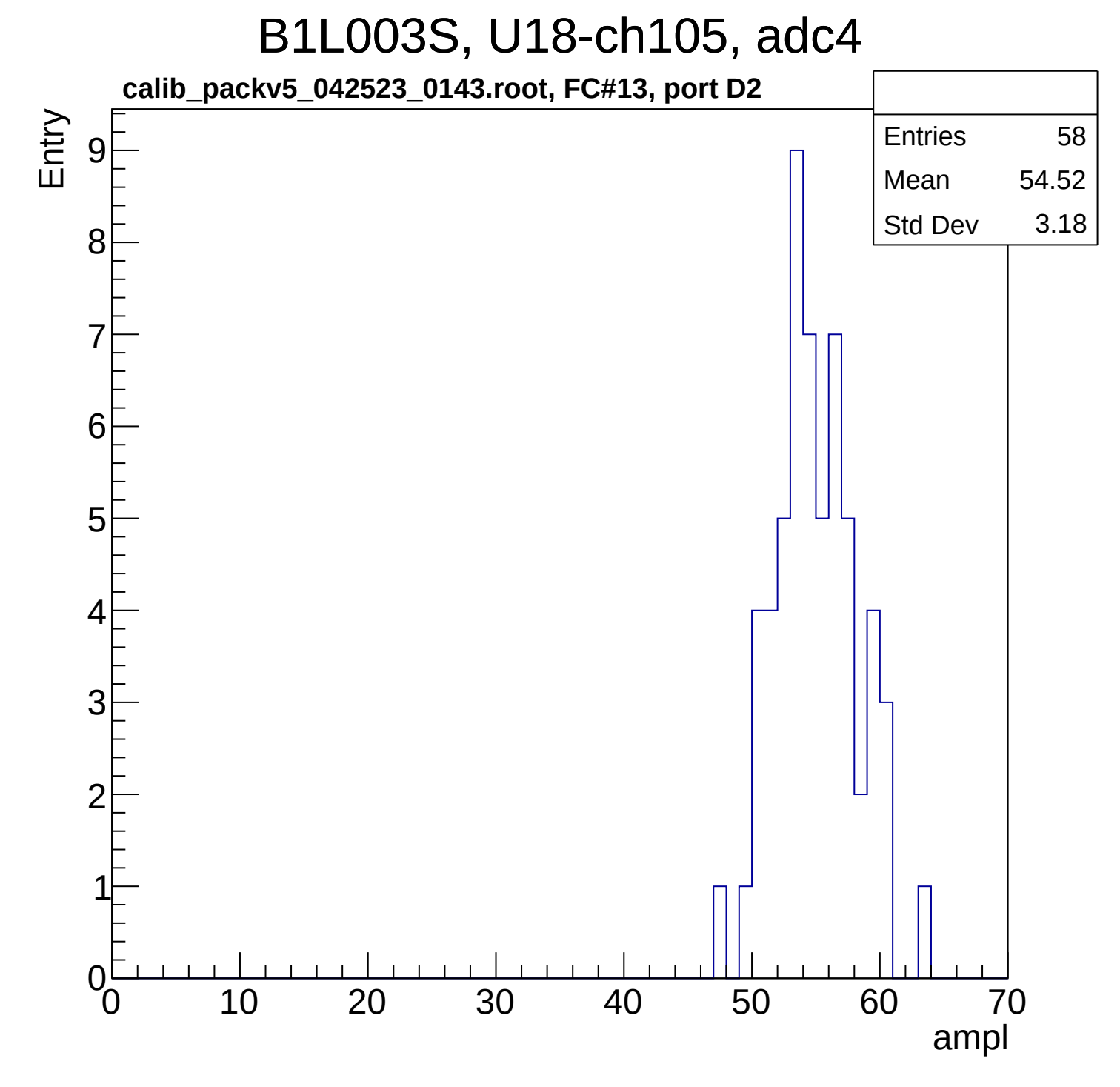

B1L003S, U18-ch104, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

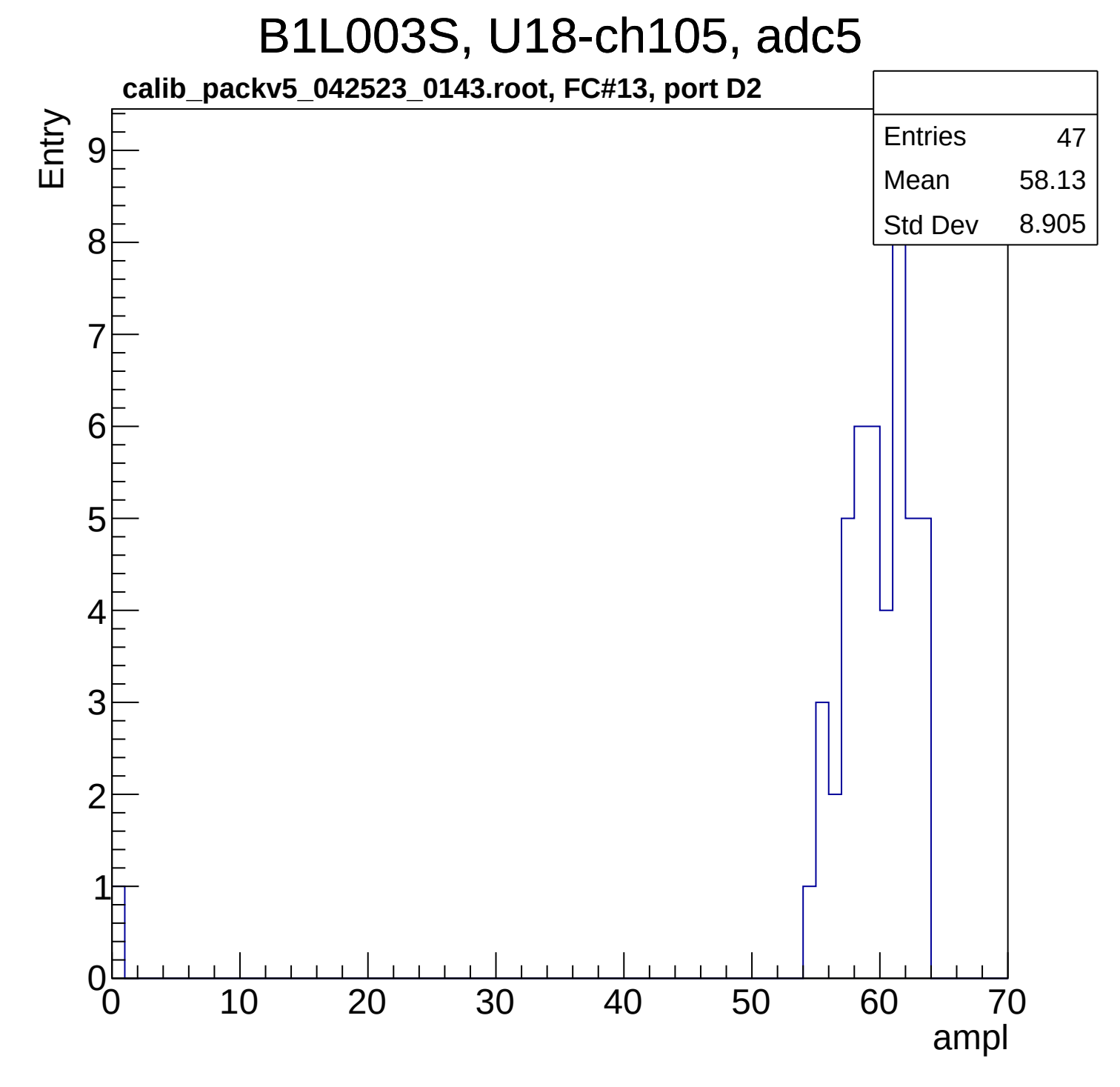

B1L003S, U18-ch105, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 28.79
Std Dev 3.492
Gaus mean : 29.5293
Gaus Width: 4.0405
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

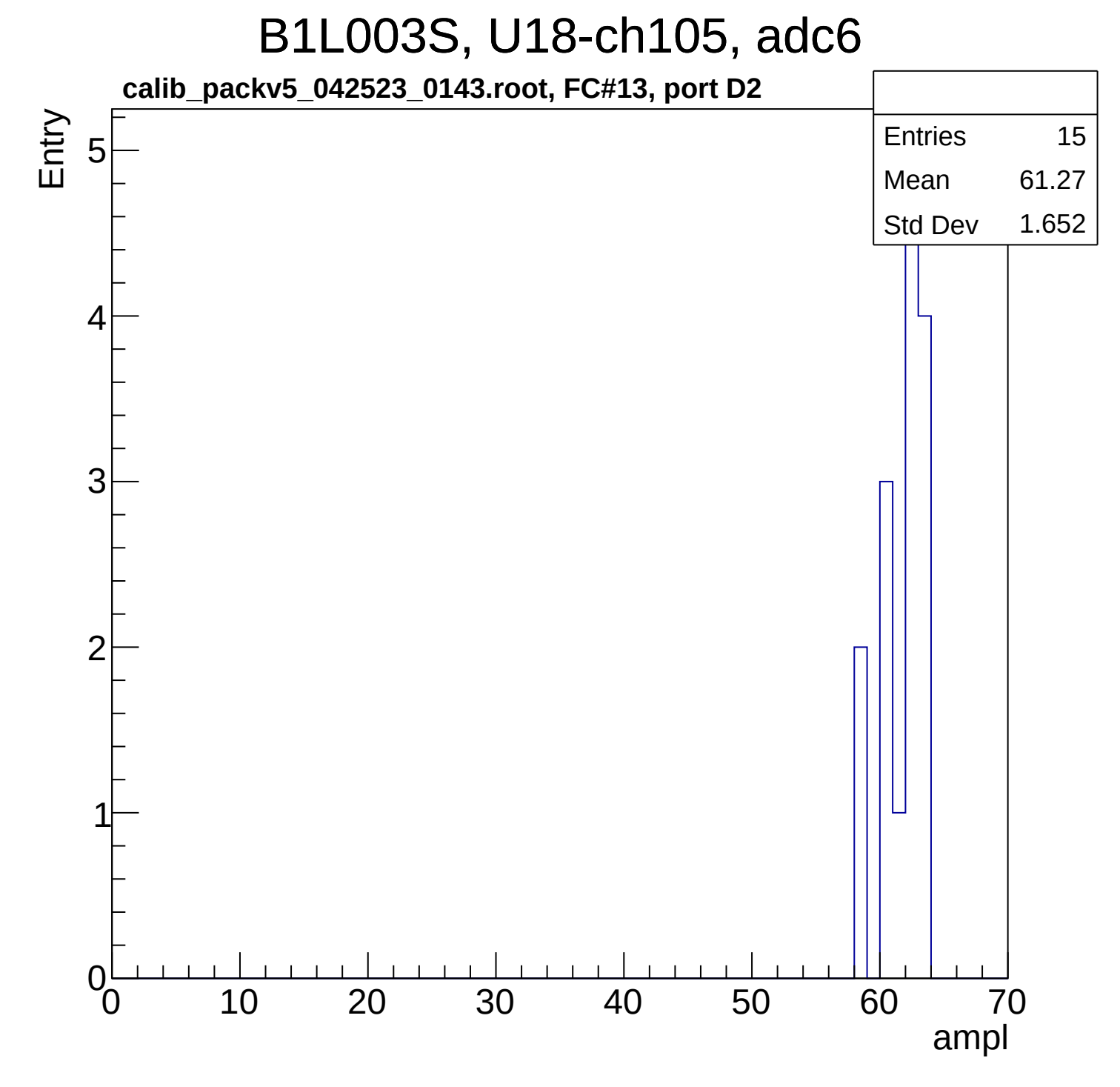

B1L003S, U18-ch105, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 35.9
Std Dev 3.57
Gaus mean : 35.9086
Gaus Width: 3.9998
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

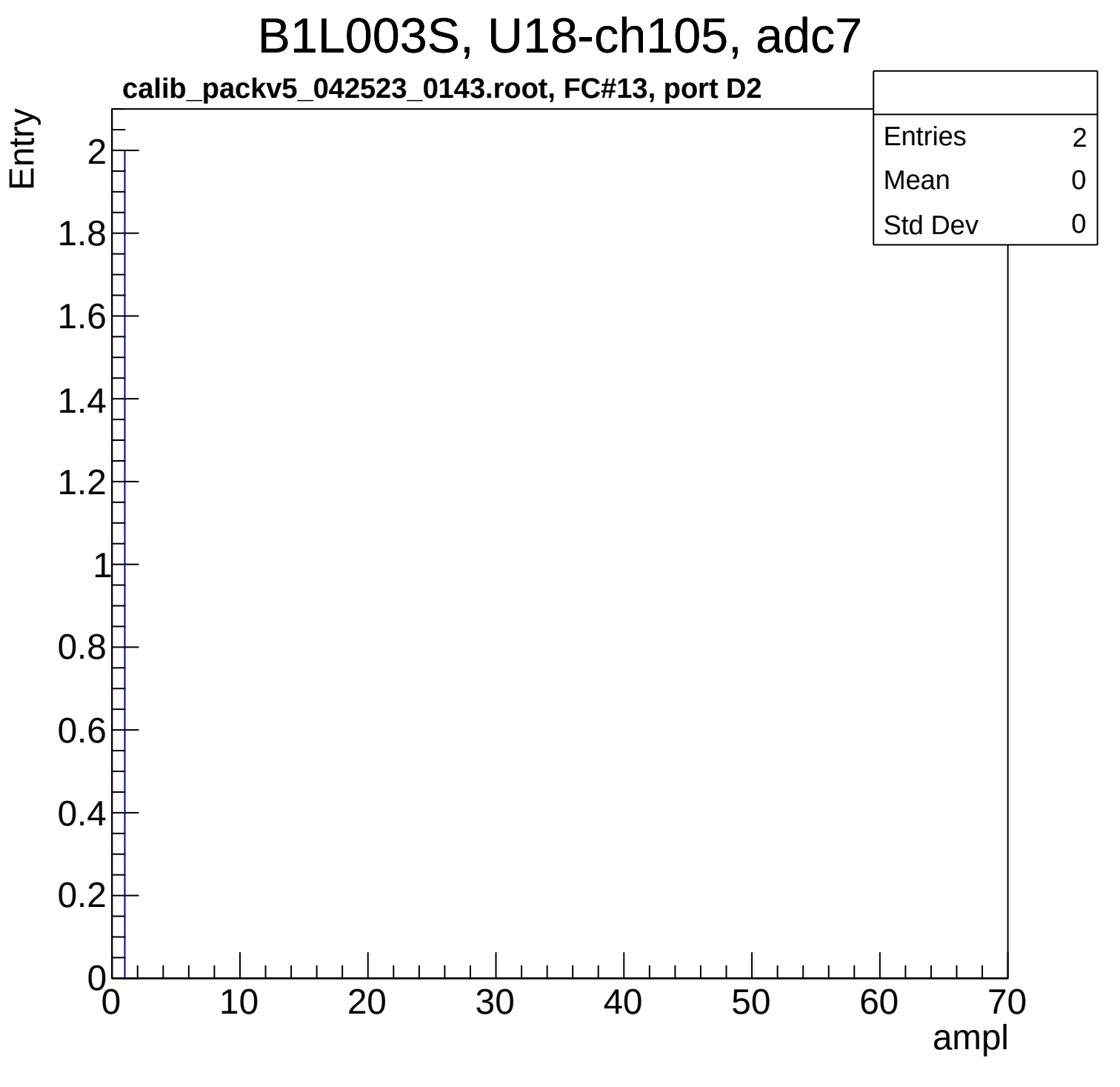

B1L003S, U18-ch105, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 42.18
Std Dev 3.55
Gaus mean : 43.0203
Gaus Width: 3.5258
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

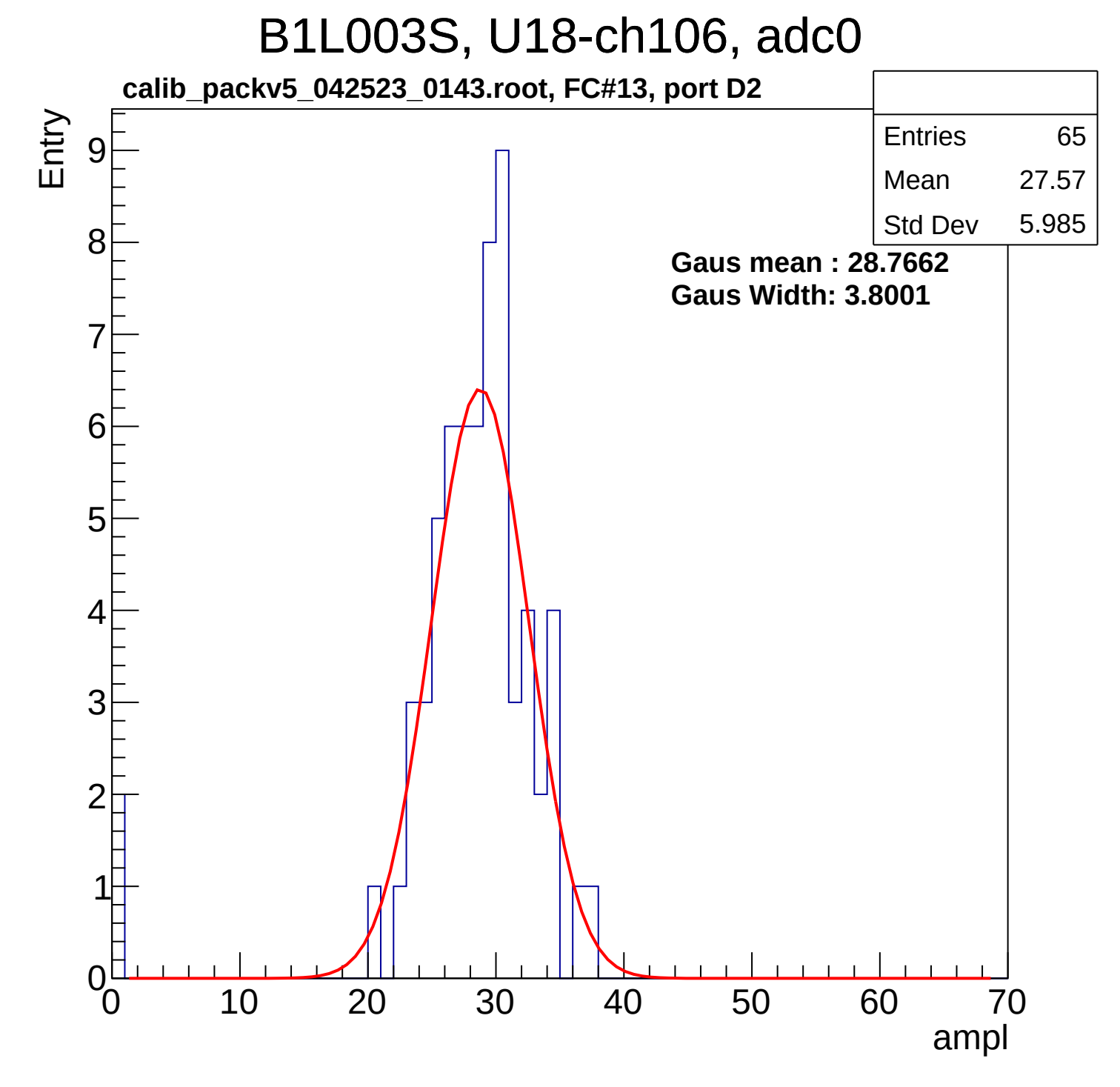

B1L003S, U18-ch105, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 48.17
Std Dev 3.471
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

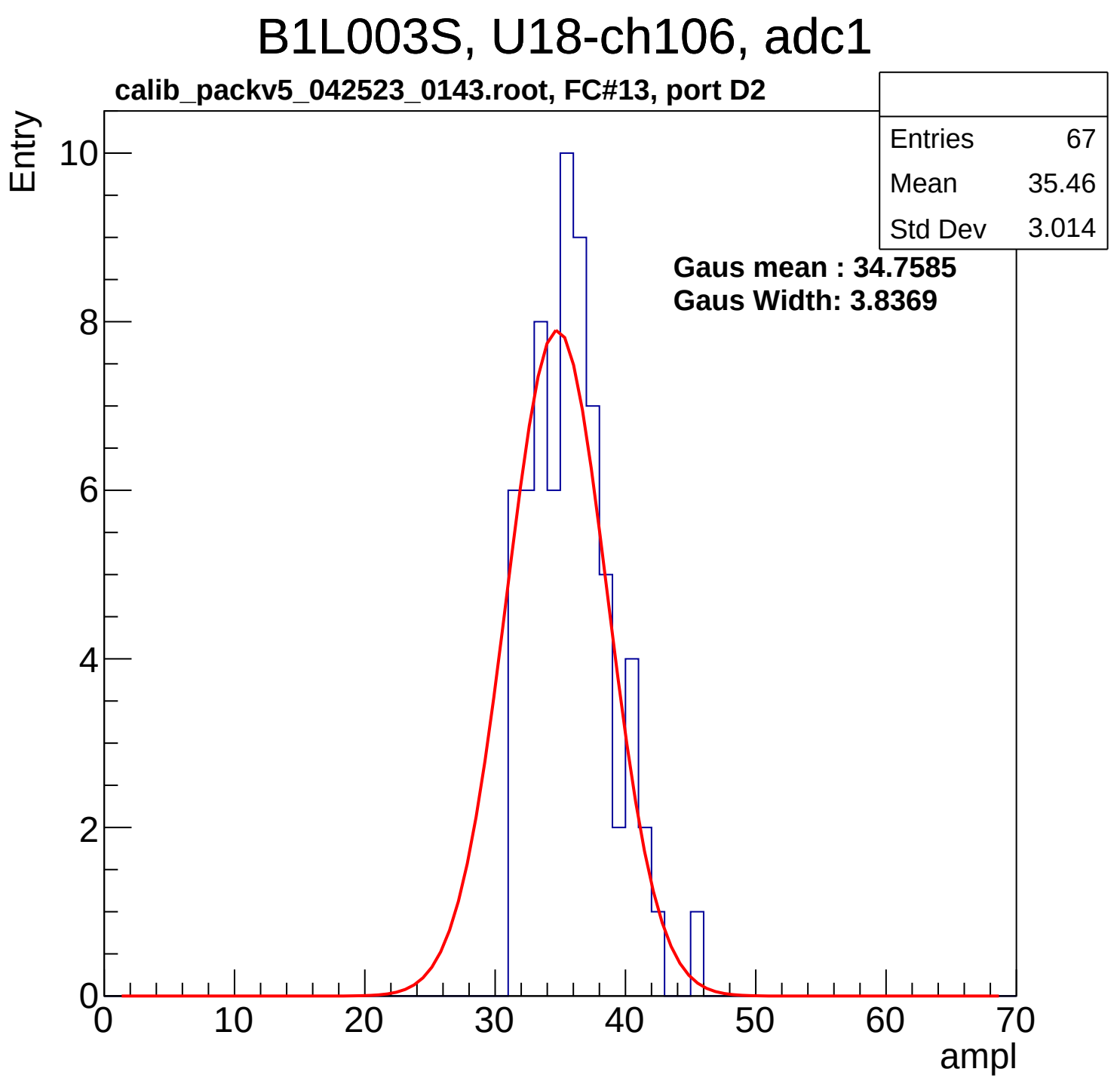

B1L003S, U18-ch105, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 54.52
Std Dev 3.18
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

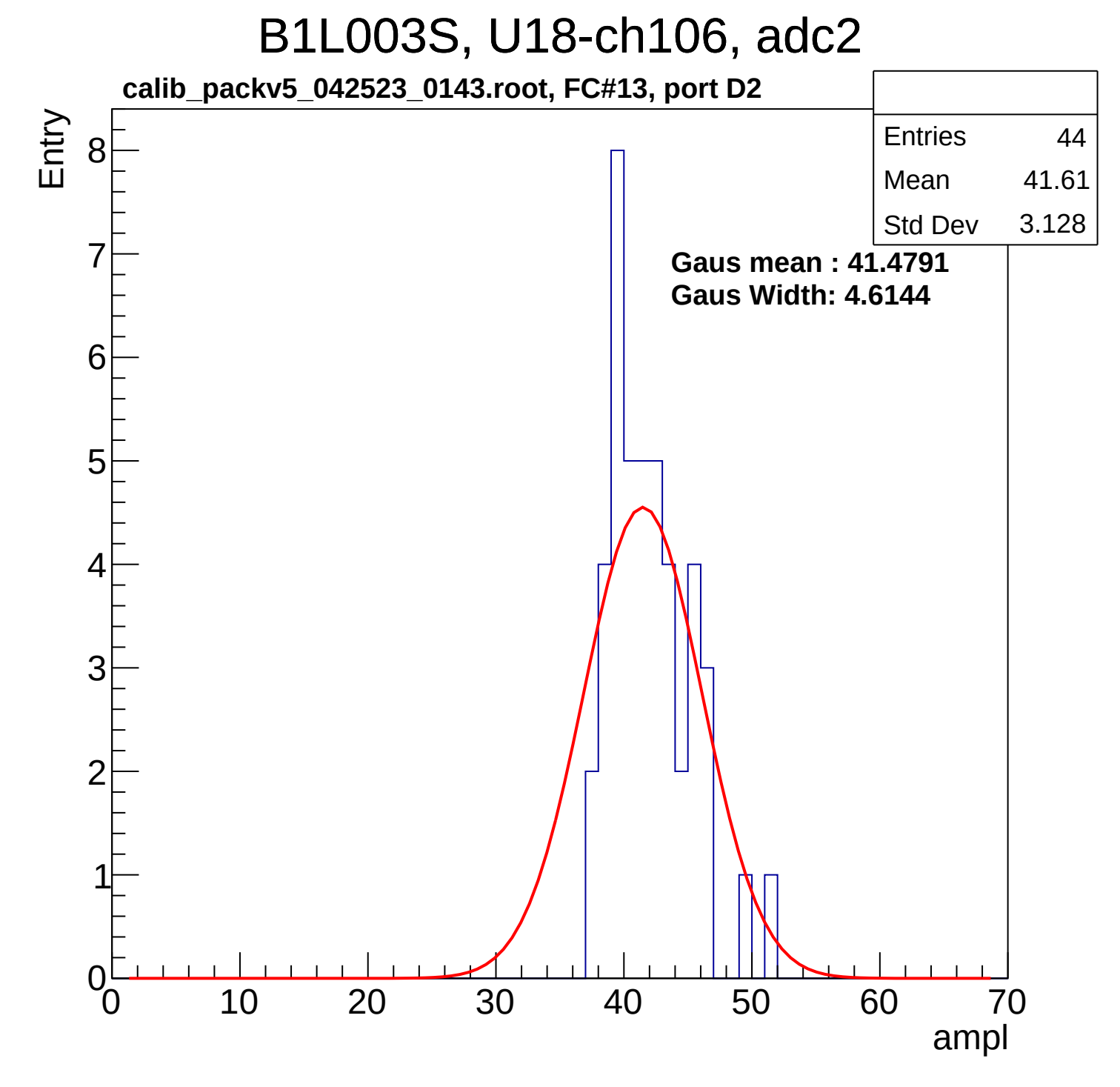

B1L003S, U18-ch105, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 58.13
Std Dev 8.905
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

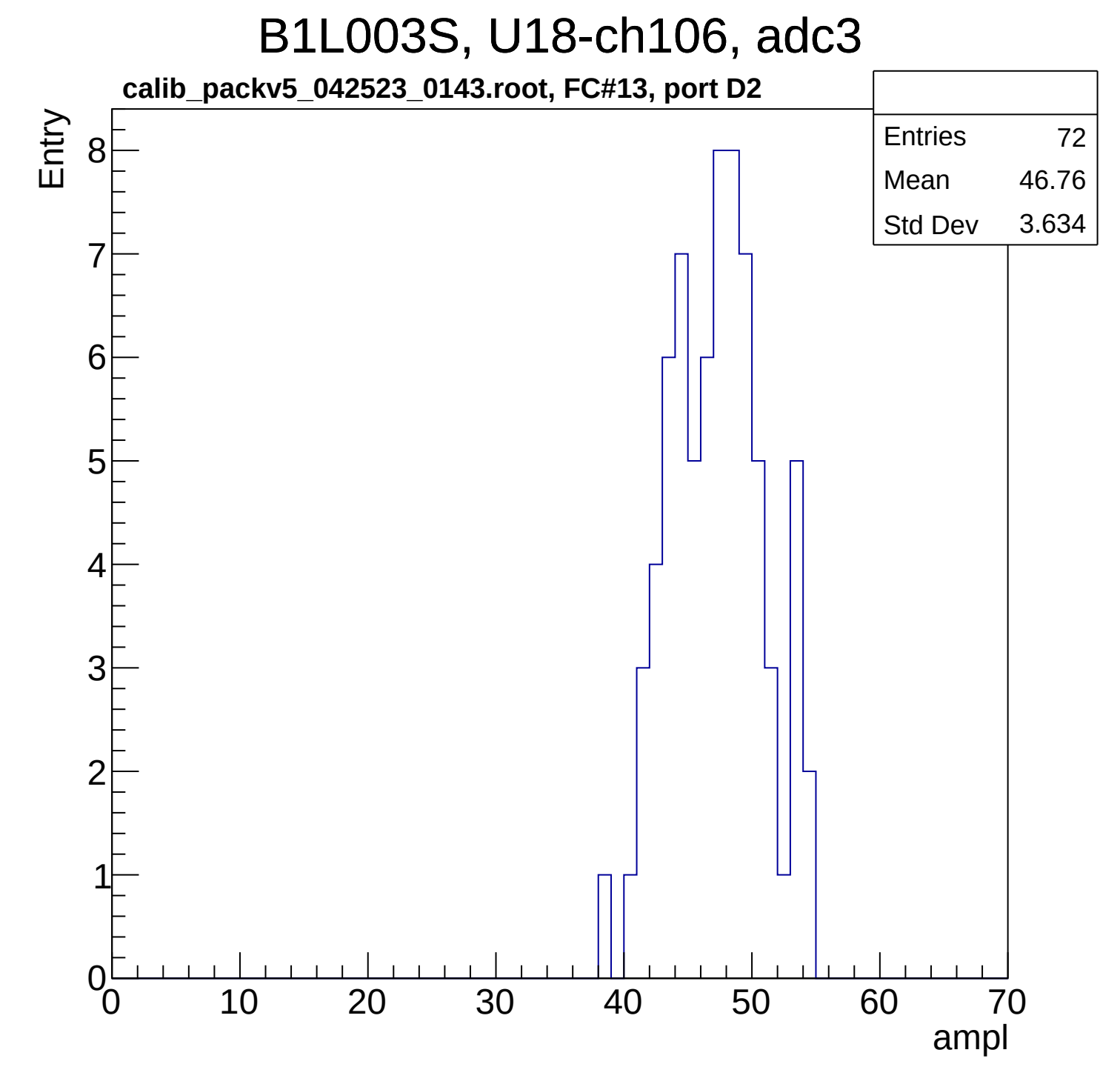

B1L003S, U18-ch105, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 15
Mean 61.27
Std Dev 1.652
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

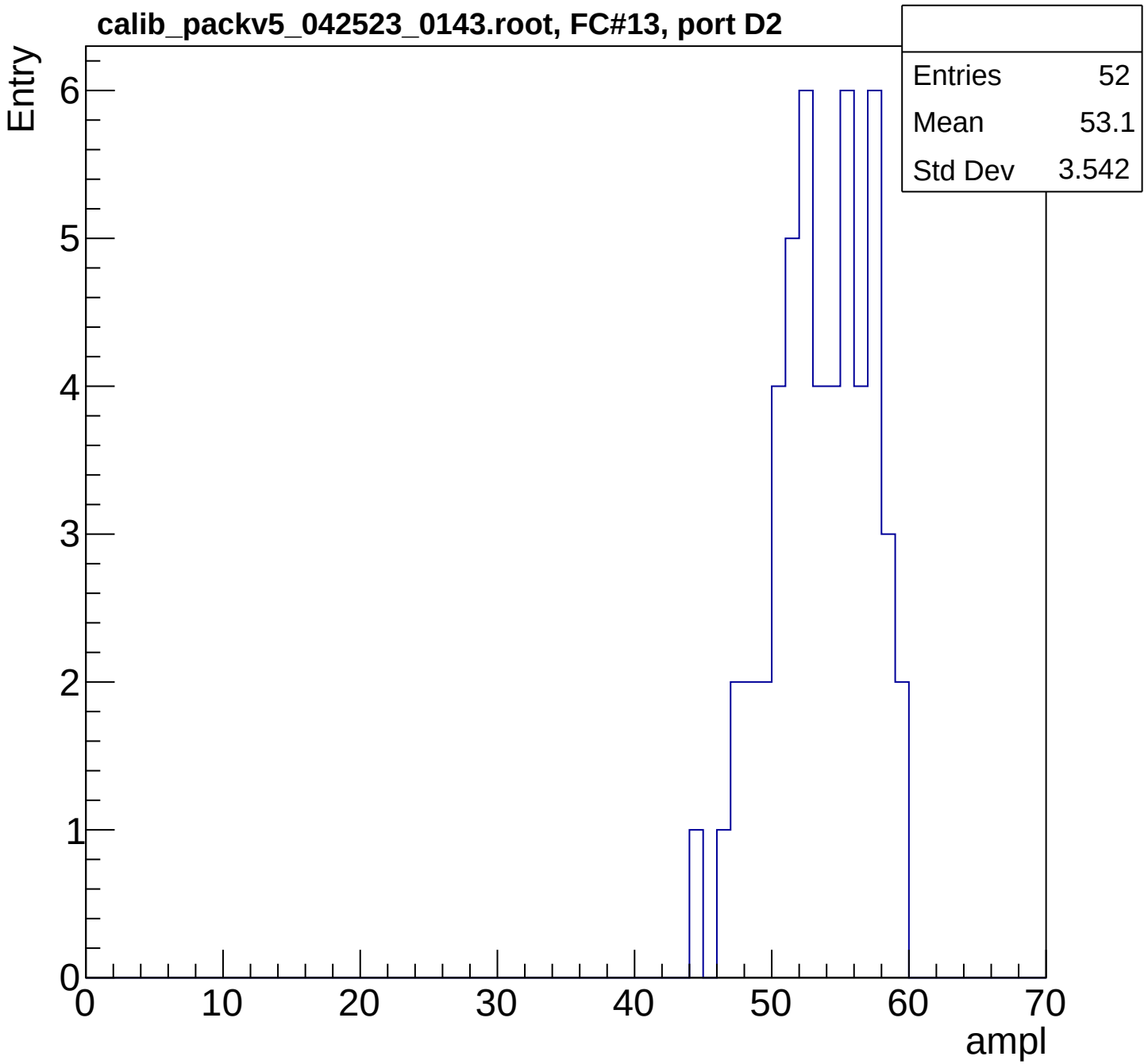

B1L003S, U18-ch105, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

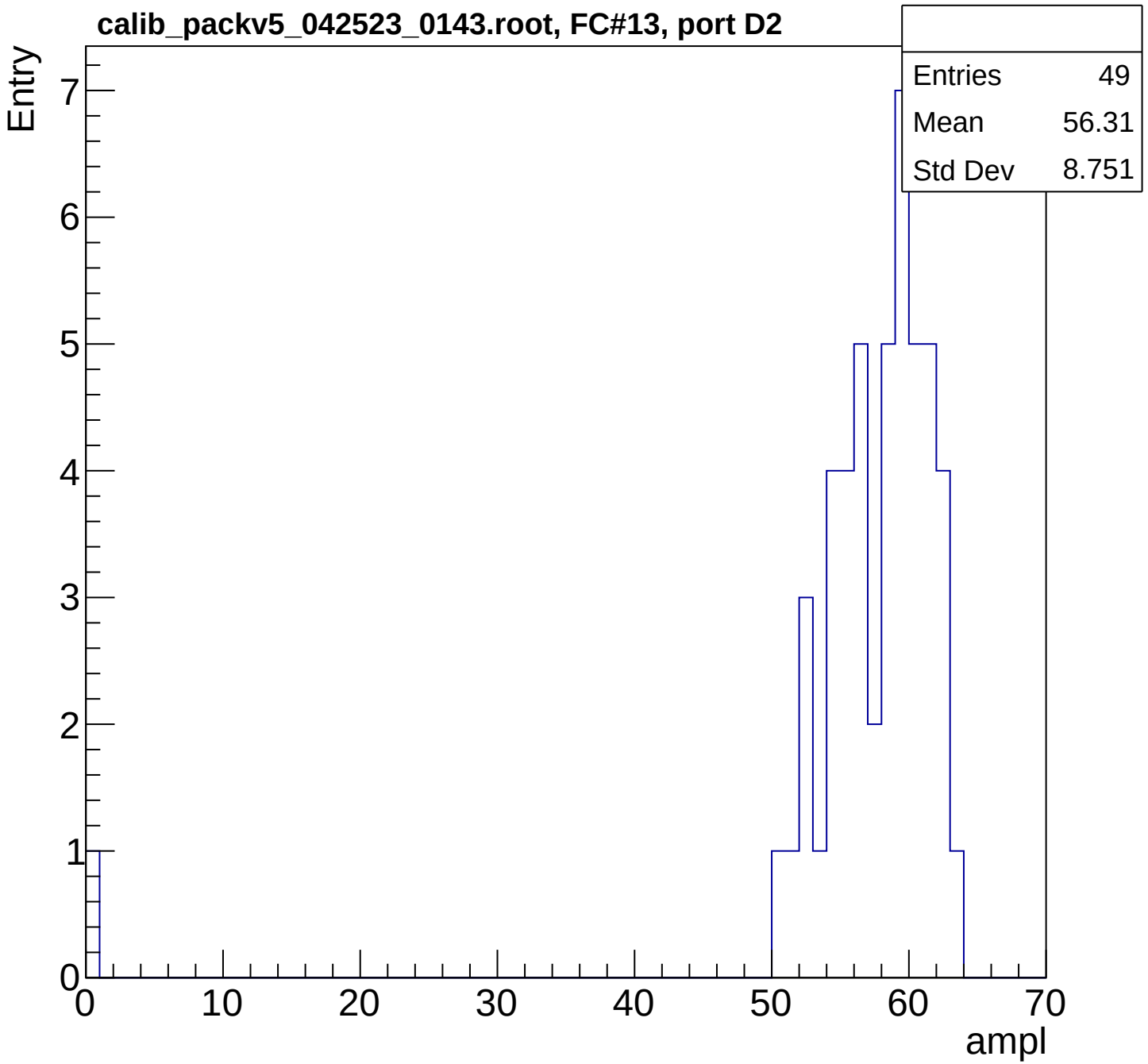

B1L003S, U18-ch106, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 27.57
Std Dev 5.985
Gaus mean : 28.7662
Gaus Width: 3.8001
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

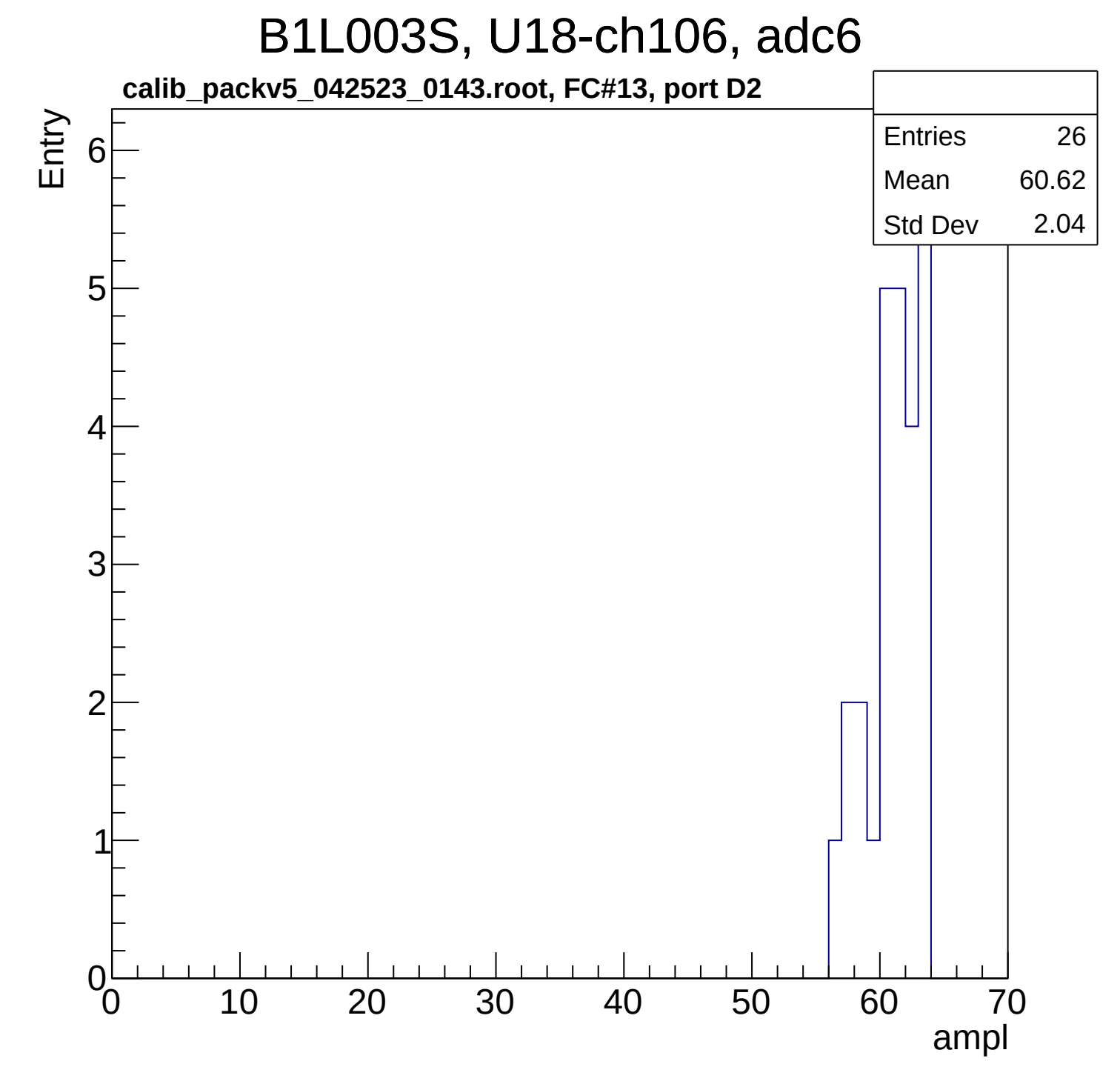

B1L003S, U18-ch106, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 35.46
Std Dev 3.014
Gaus mean : 34.7585
Gaus Width: 3.8369
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

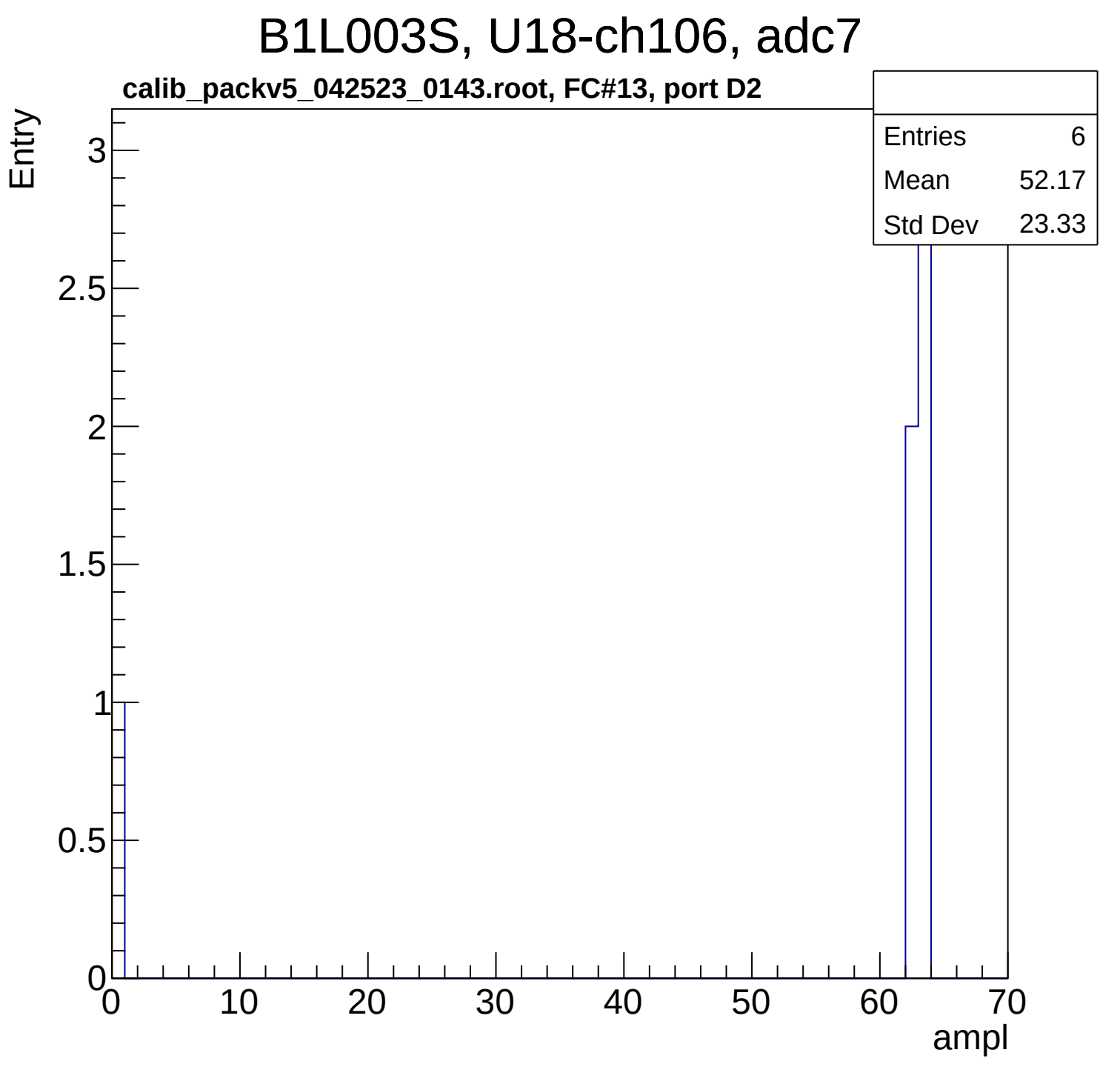

B1L003S, U18-ch106, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 41.61
Std Dev 3.128
Gaus mean : 41.4791
Gaus Width: 4.6144
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

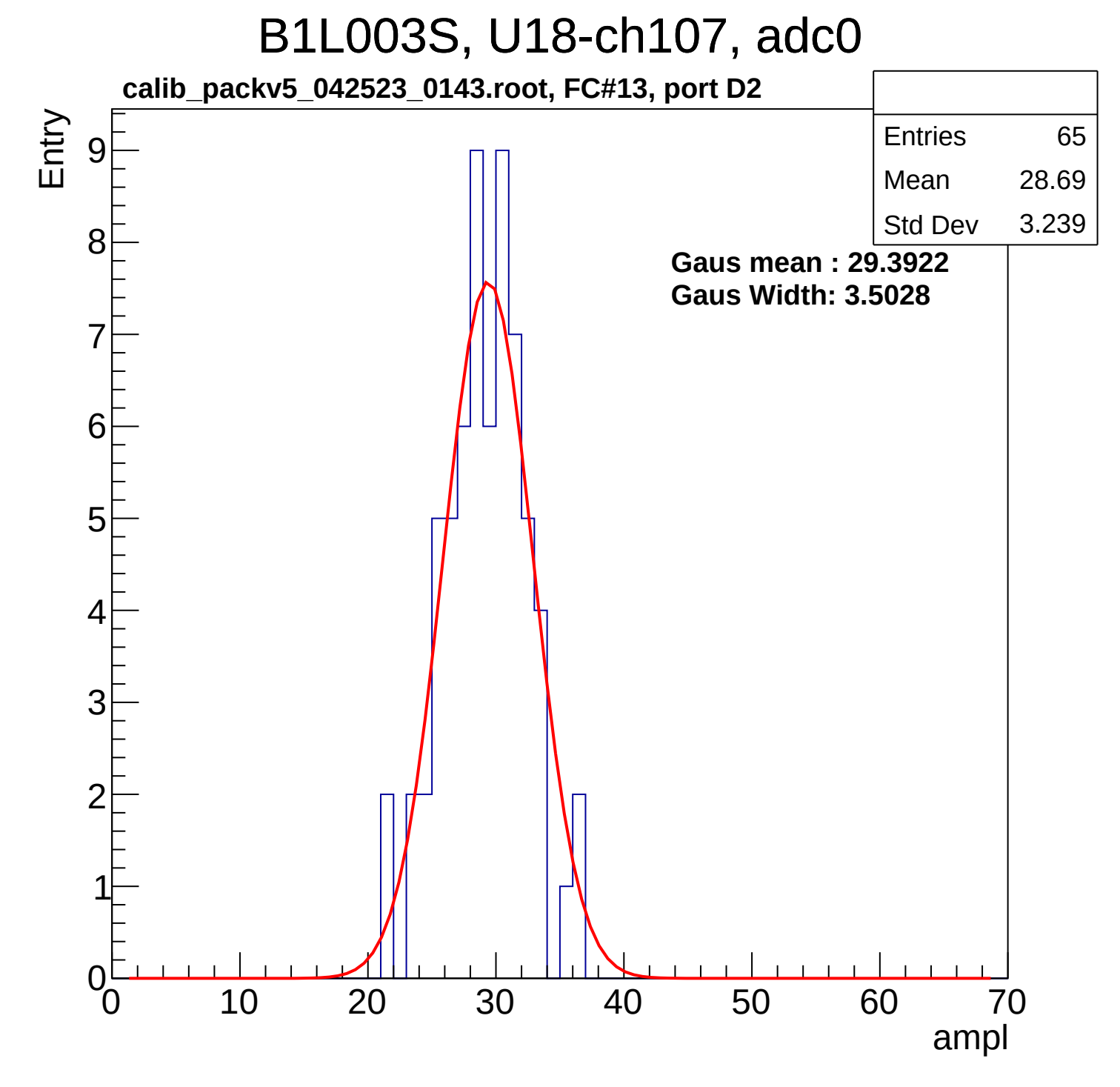

B1L003S, U18-ch106, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 46.76
Std Dev 3.634
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

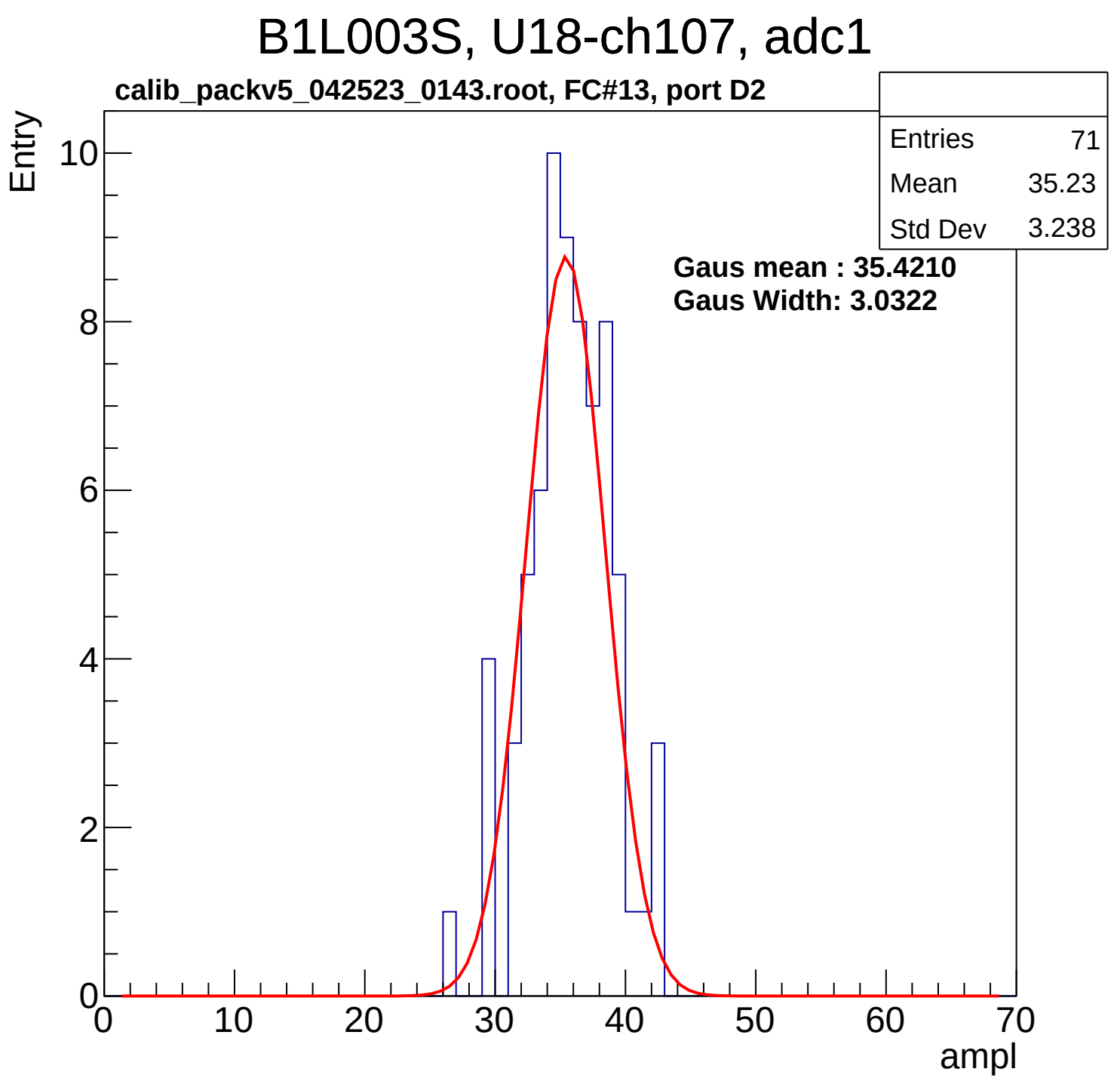

B1L003S, U18-ch106, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 53.1
Std Dev 3.542
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

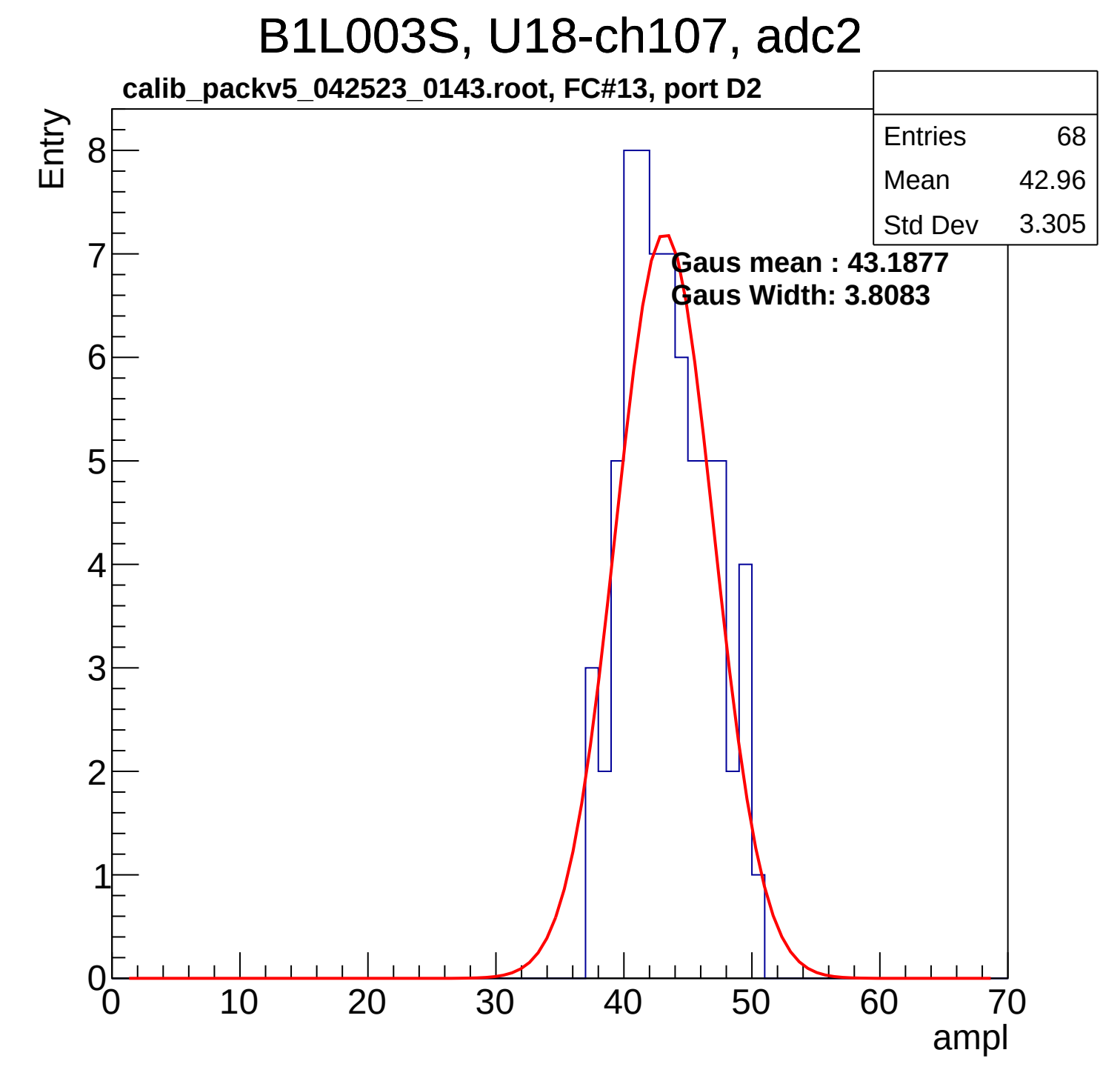

B1L003S, U18-ch106, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 56.31
Std Dev 8.751
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

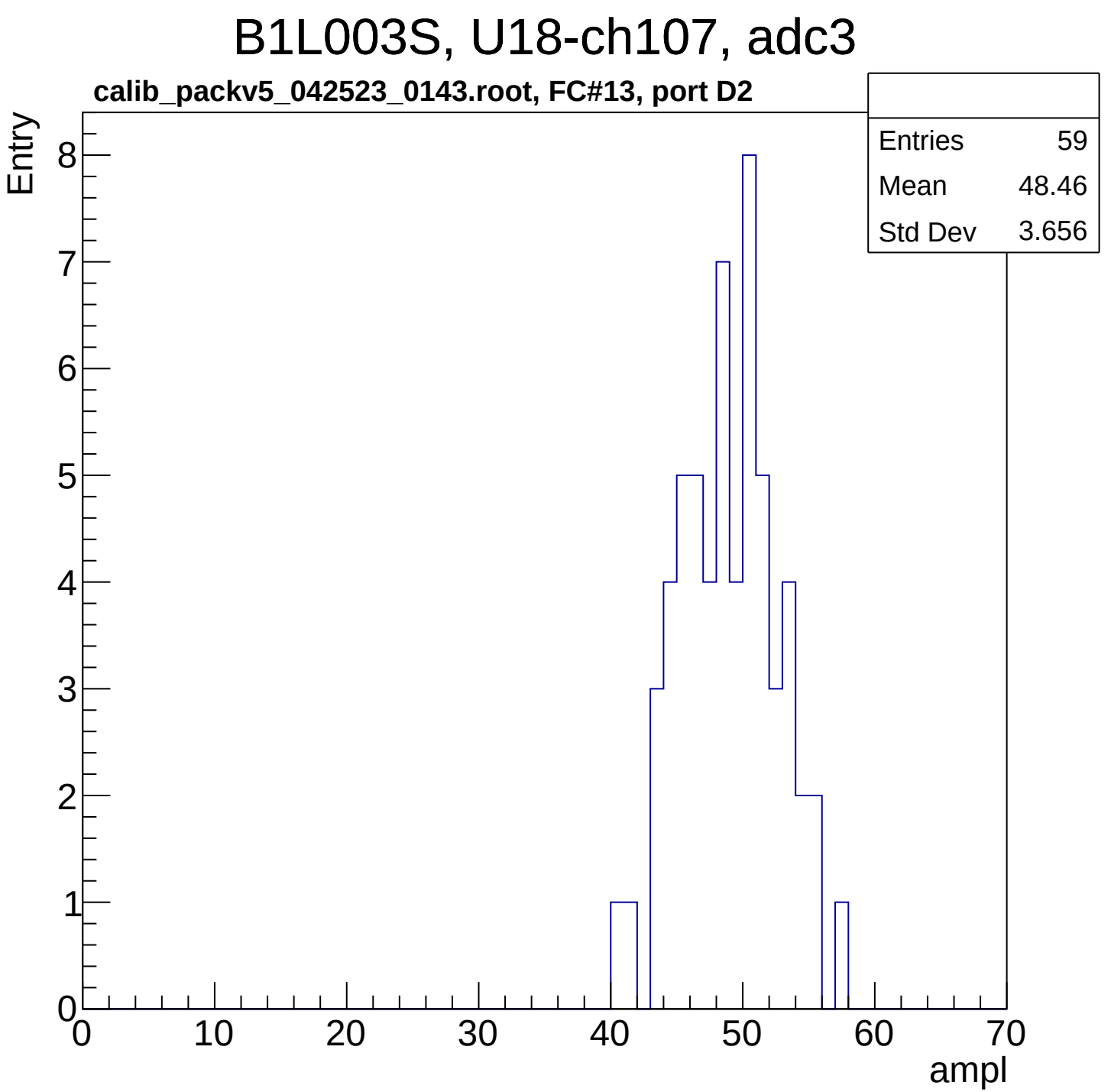

B1L003S, U18-ch106, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 26
Mean 60.62
Std Dev 2.04
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

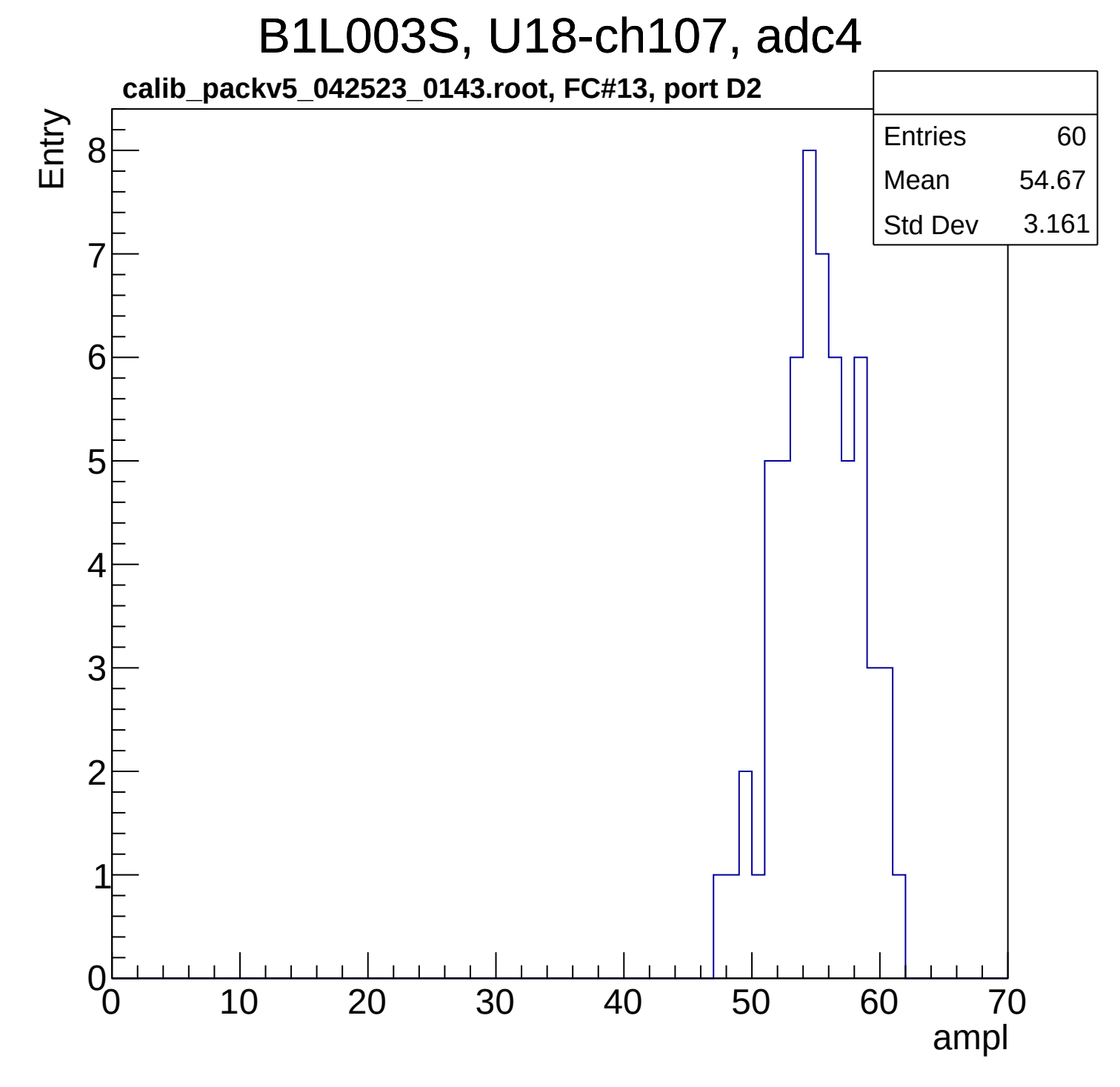

B1L003S, U18-ch106, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 52.17
Std Dev 23.33
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

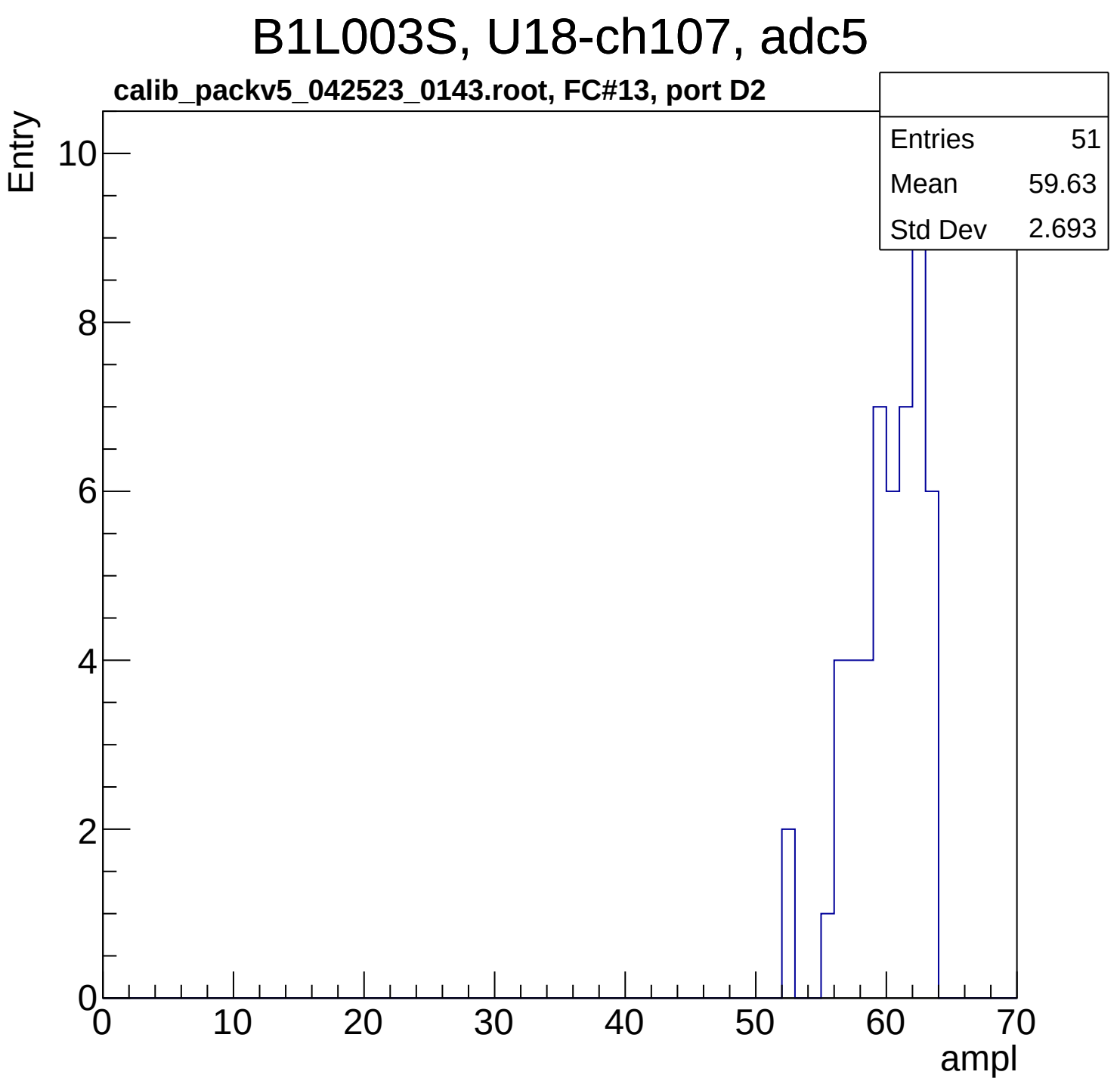

B1L003S, U18-ch107, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 28.69
Std Dev 3.239
Gaus mean : 29.3922
Gaus Width: 3.5028
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

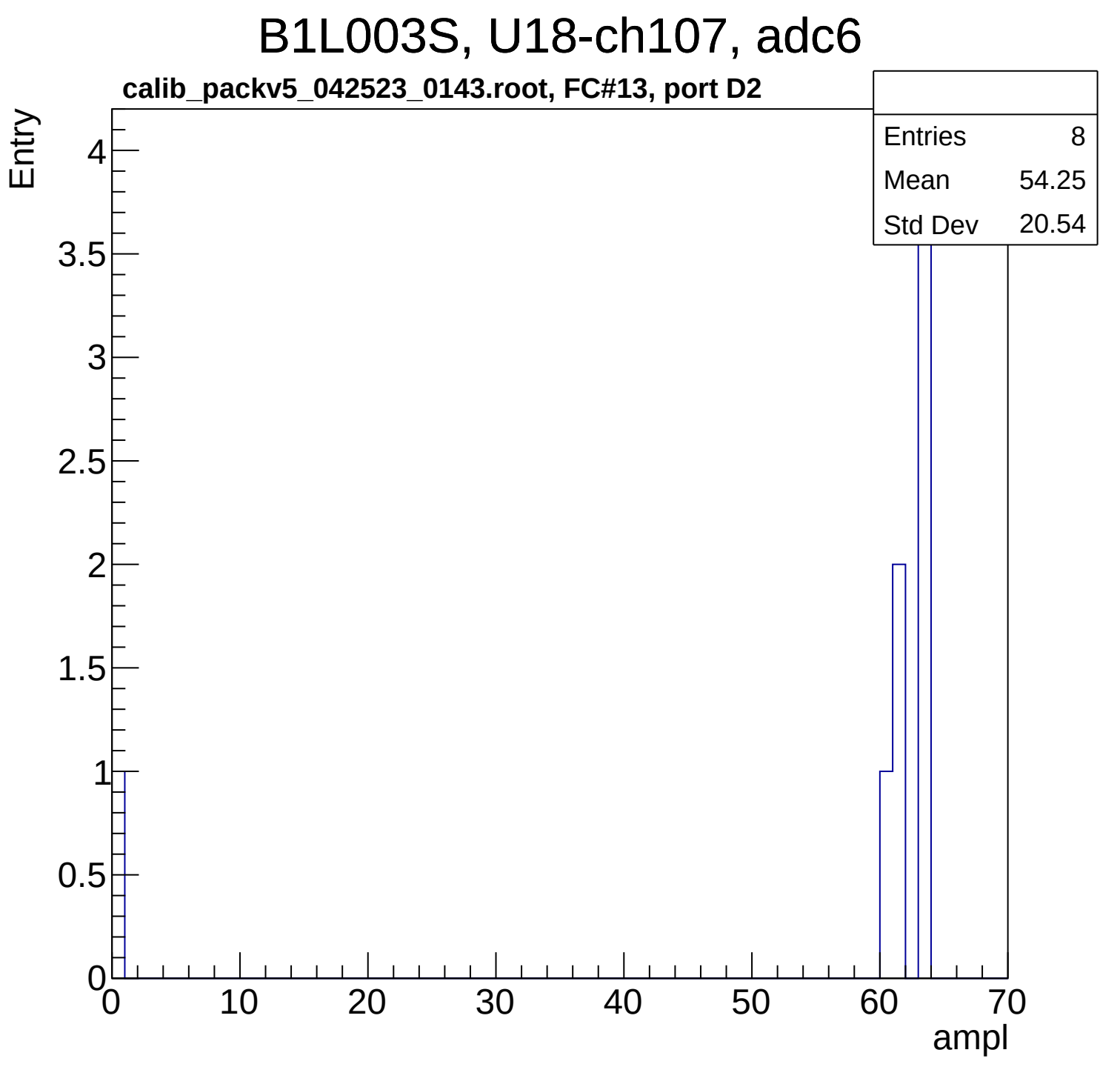

B1L003S, U18-ch107, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 35.23
Std Dev 3.238
Gaus mean : 35.4210
Gaus Width: 3.0322
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

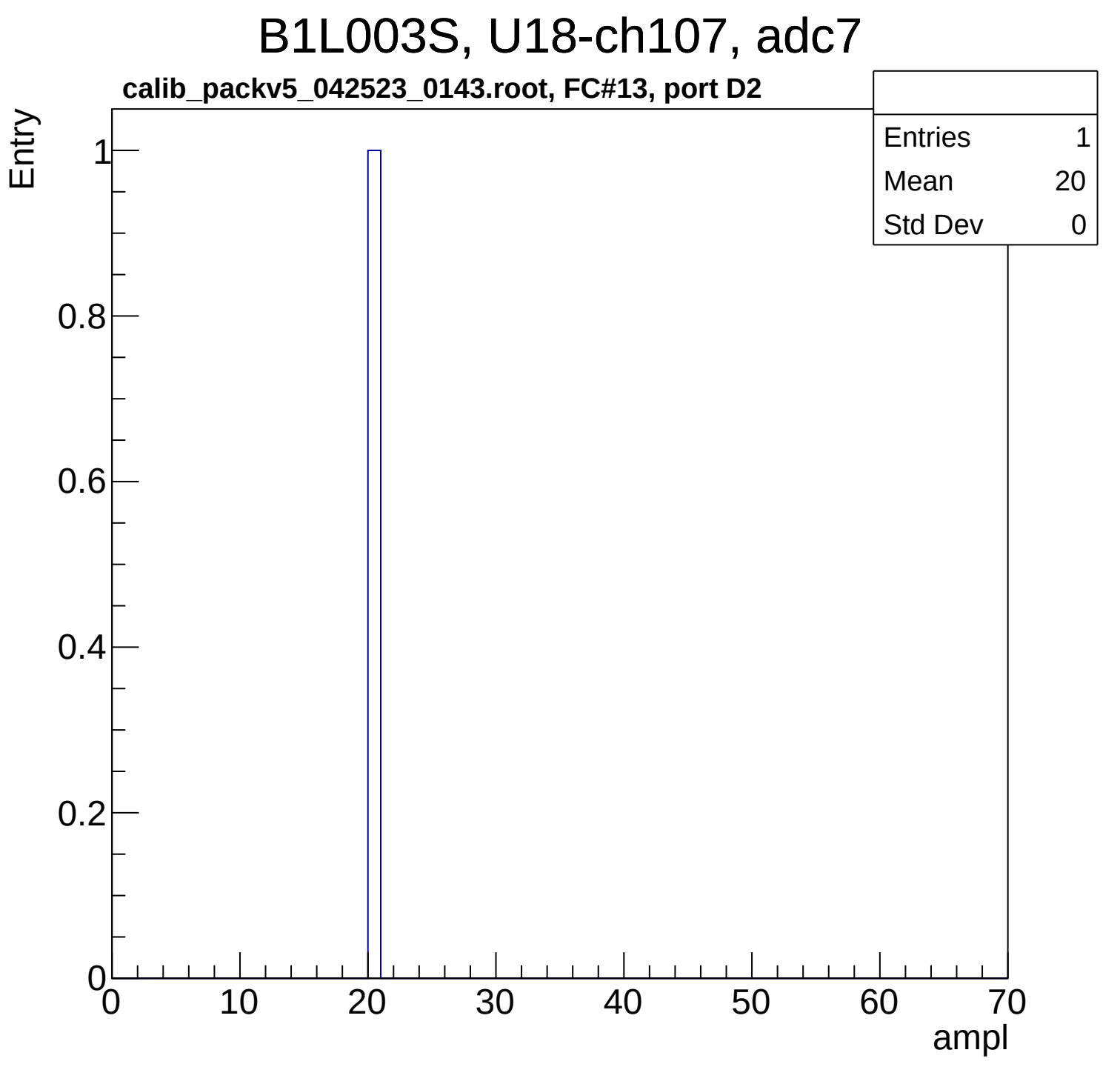

B1L003S, U18-ch107, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 42.96
Std Dev 3.305
Gaus mean : 43.1877
Gaus Width: 3.8083
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

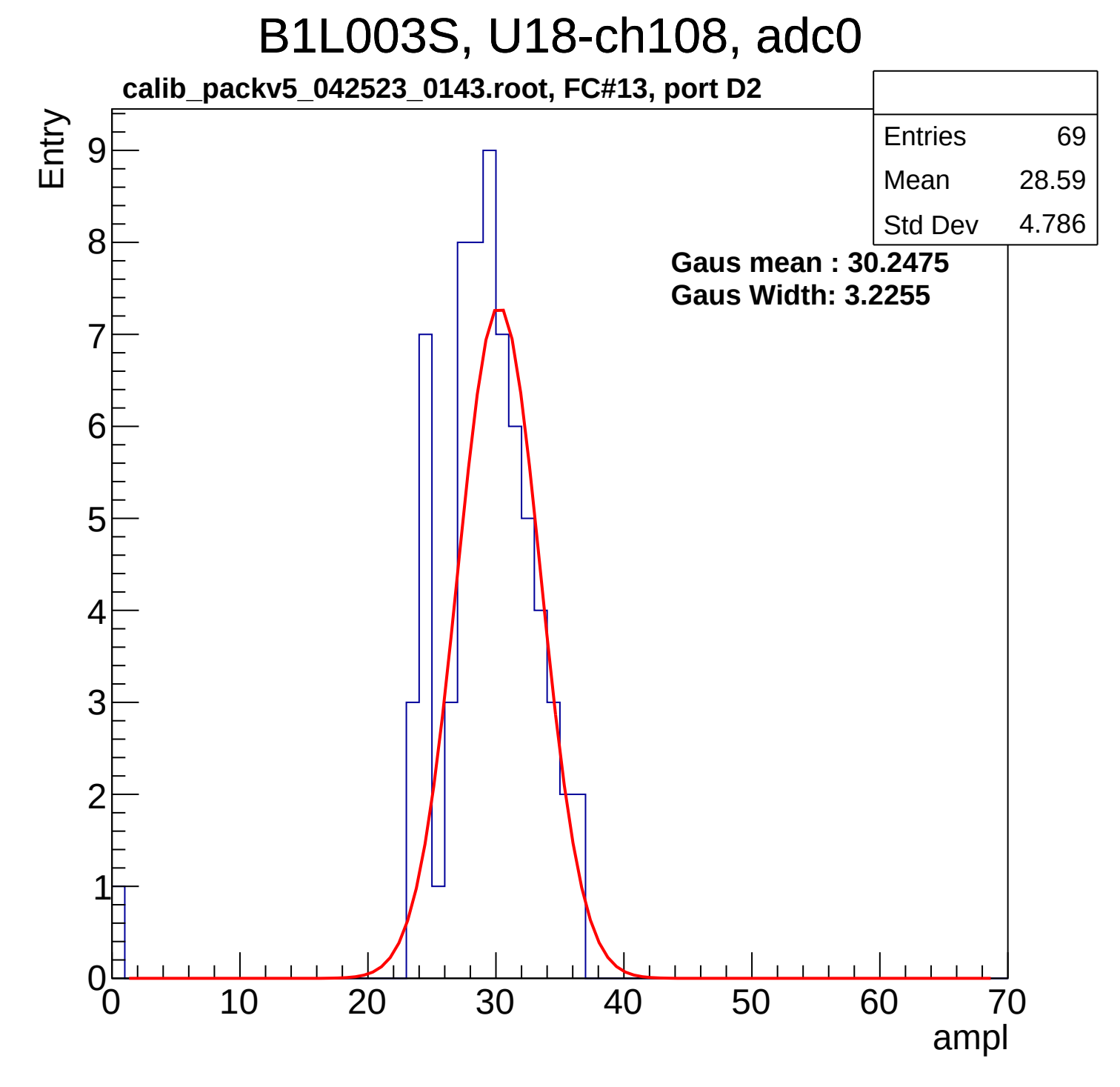

B1L003S, U18-ch107, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 48.46
Std Dev 3.656
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

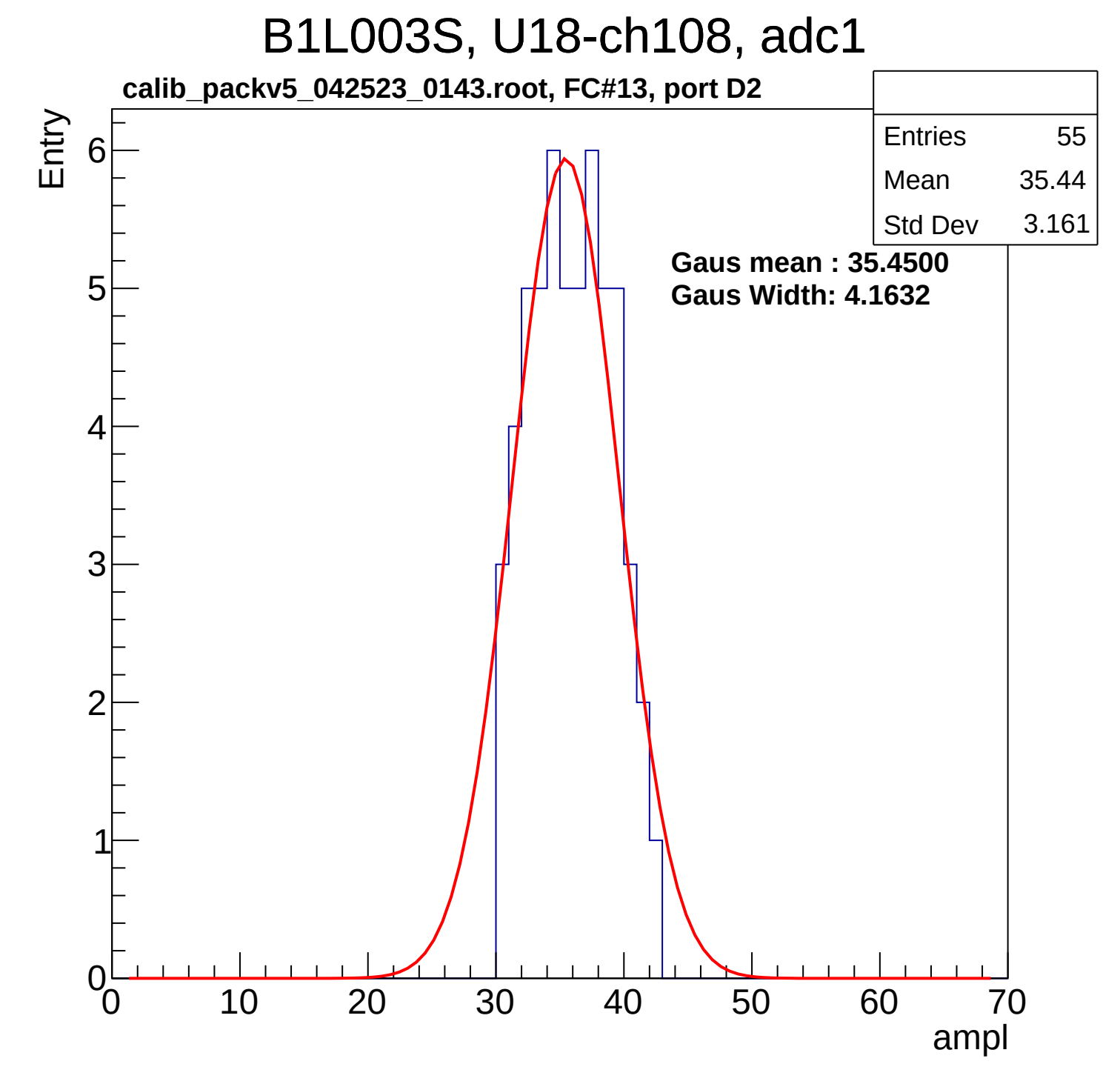

B1L003S, U18-ch107, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 54.67
Std Dev 3.161
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

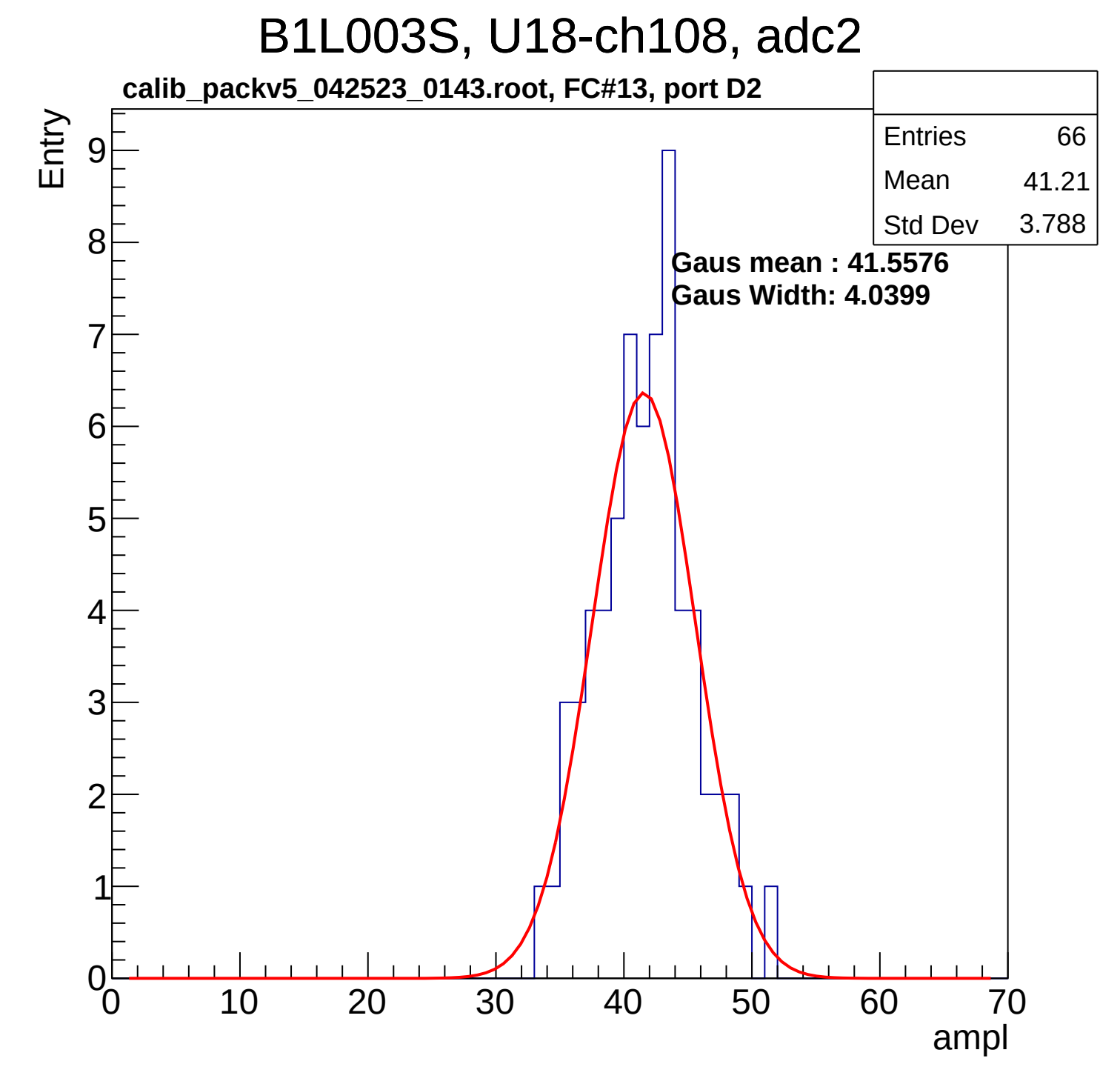

B1L003S, U18-ch107, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 59.63
Std Dev 2.693
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

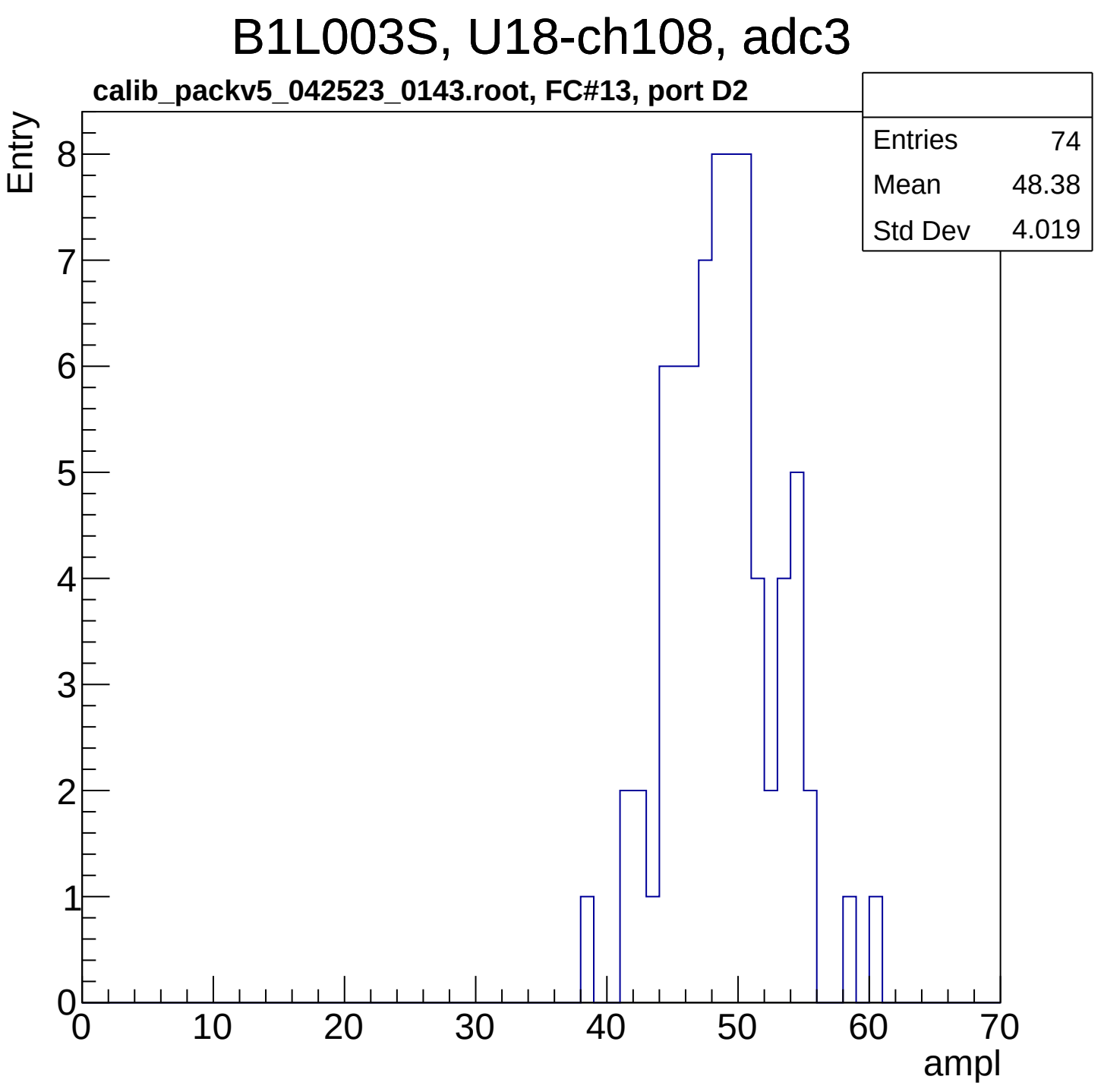

B1L003S, U18-ch107, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 8
Mean 54.25
Std Dev 20.54
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

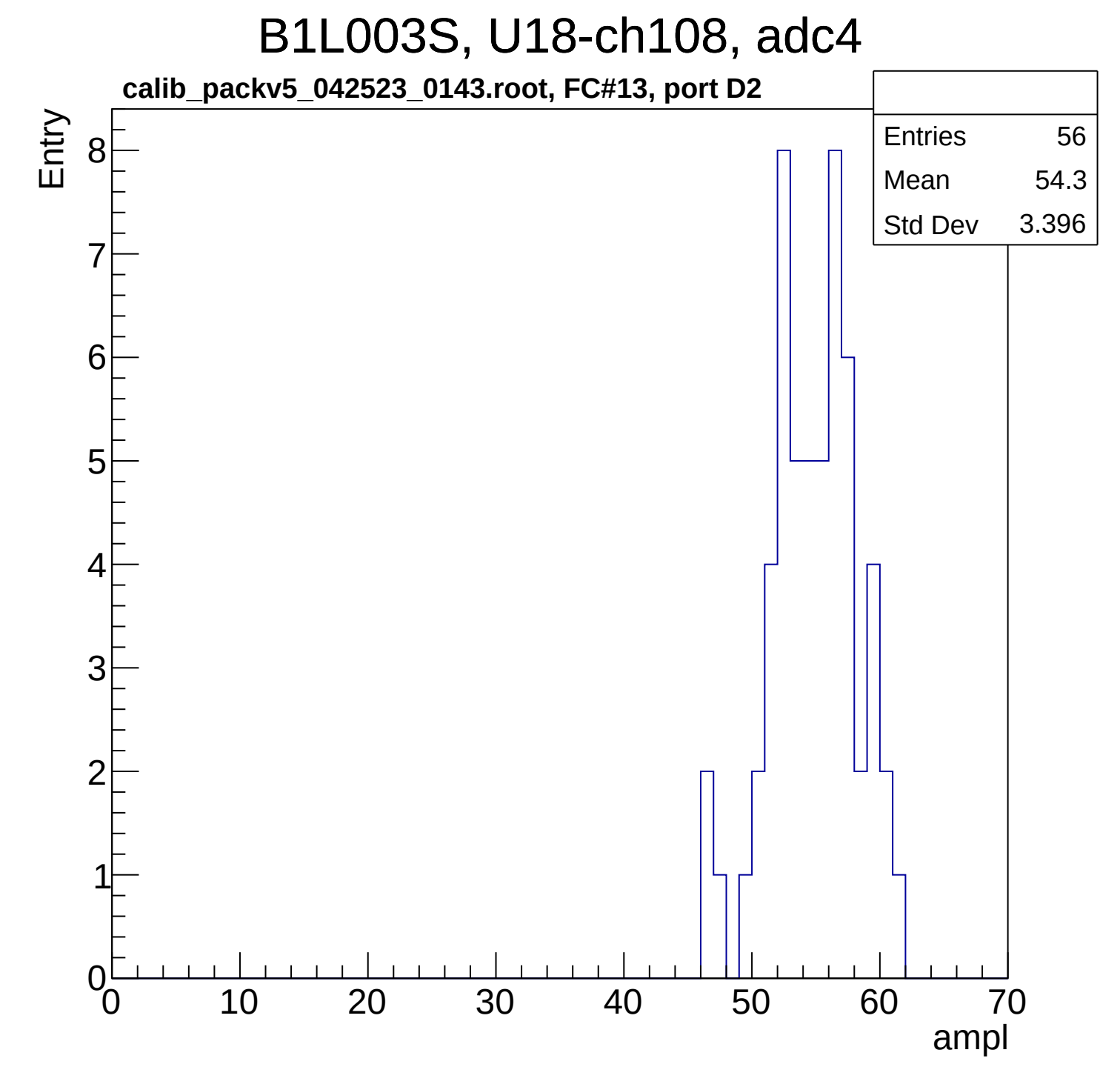

B1L003S, U18-ch107, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

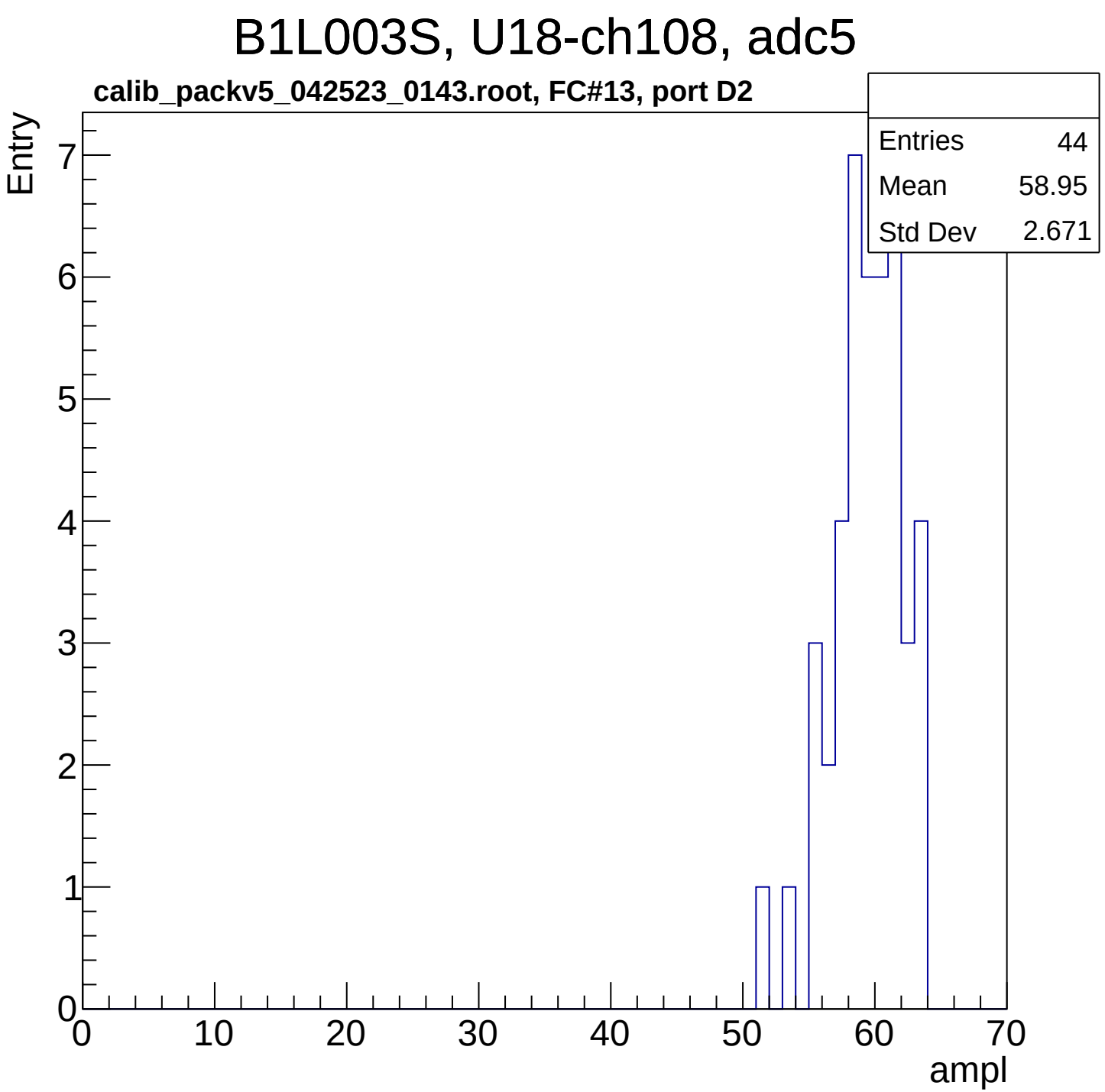

B1L003S, U18-ch108, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 28.59
Std Dev 4.786
Gaus mean : 30.2475
Gaus Width: 3.2255
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

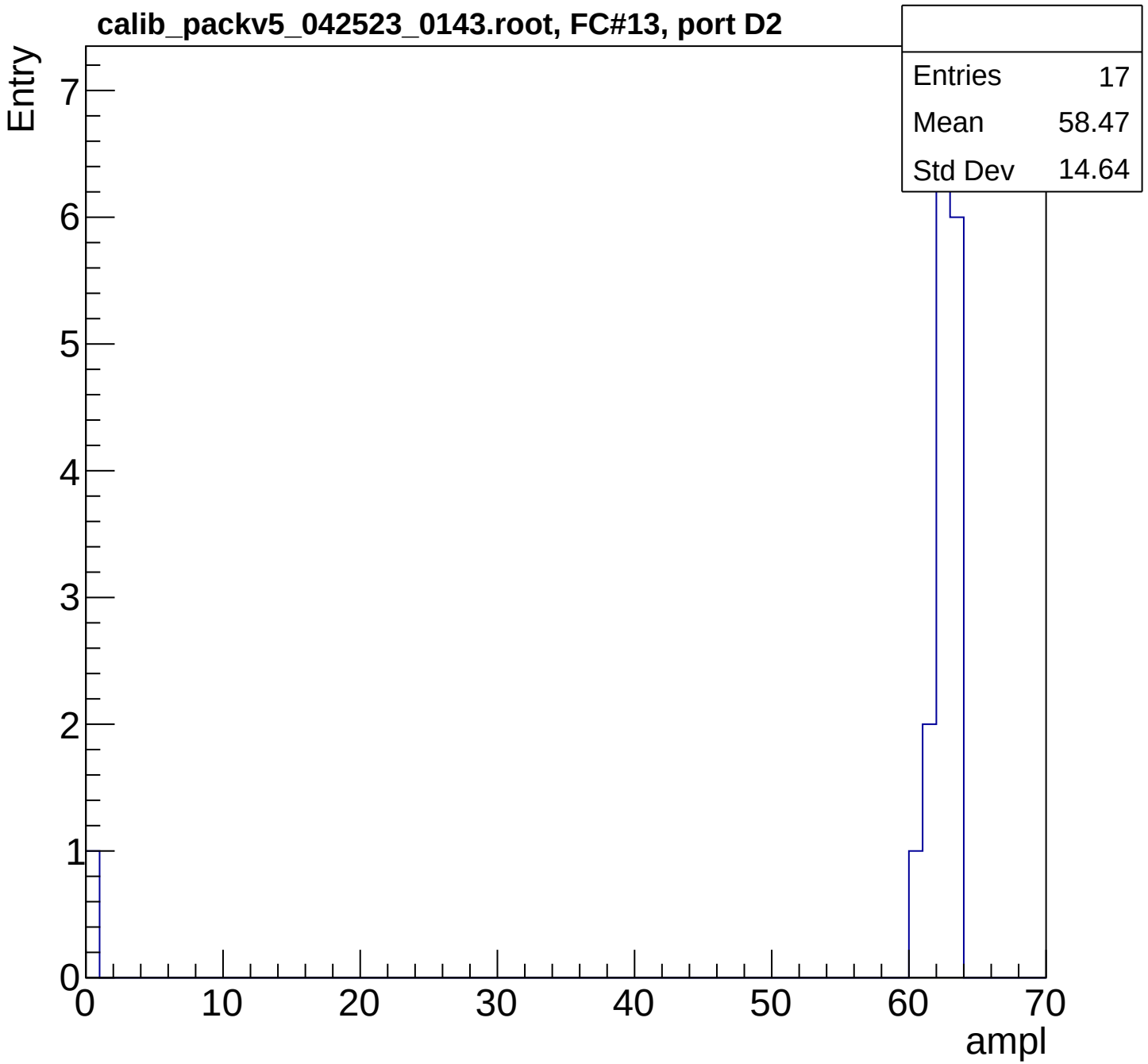

B1L003S, U18-ch108, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 35.44
Std Dev 3.161
Gaus mean : 35.4500
Gaus Width: 4.1632
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

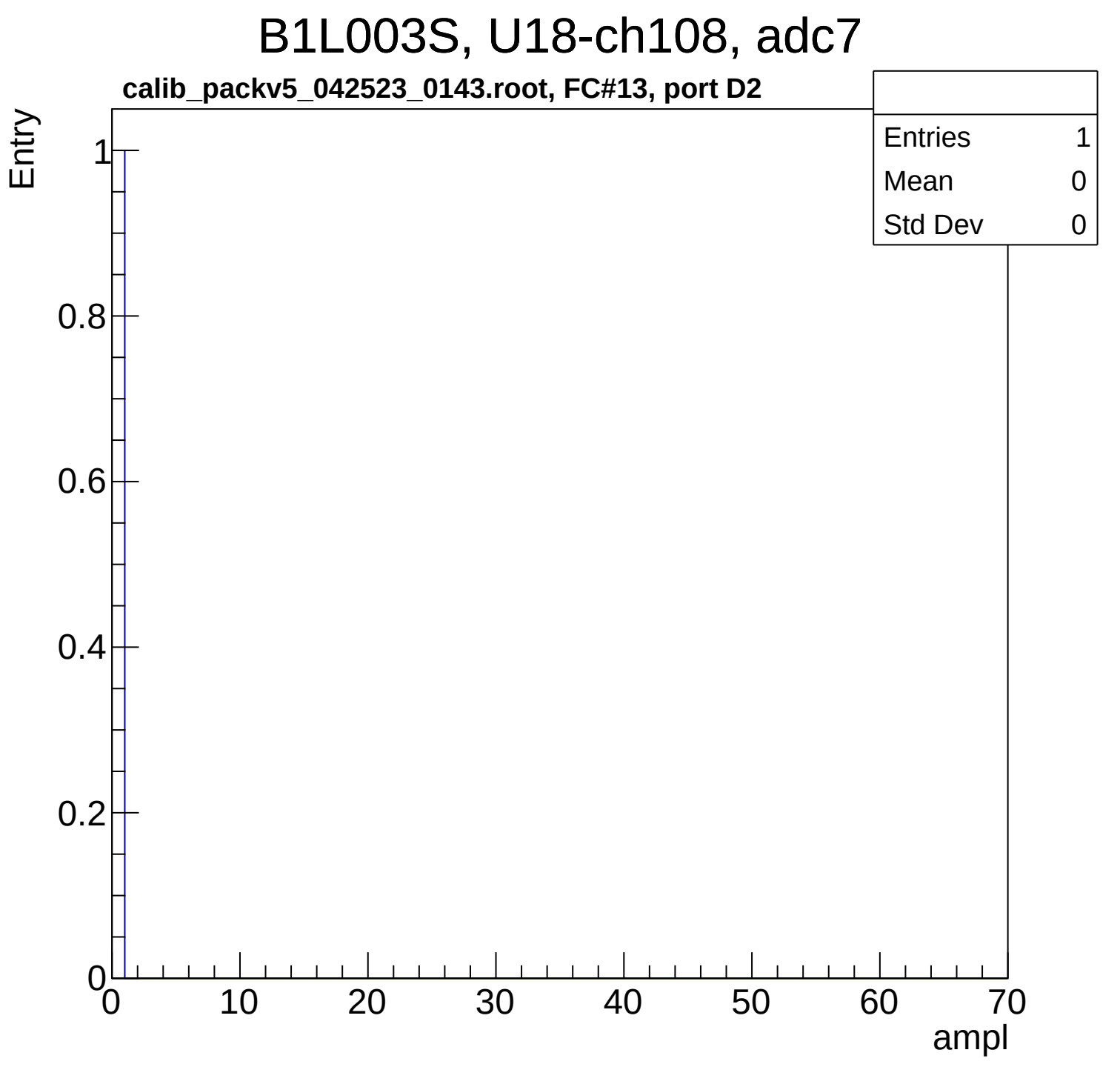

B1L003S, U18-ch108, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 41.21
Std Dev 3.788
Gaus mean : 41.5576
Gaus Width: 4.0399
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

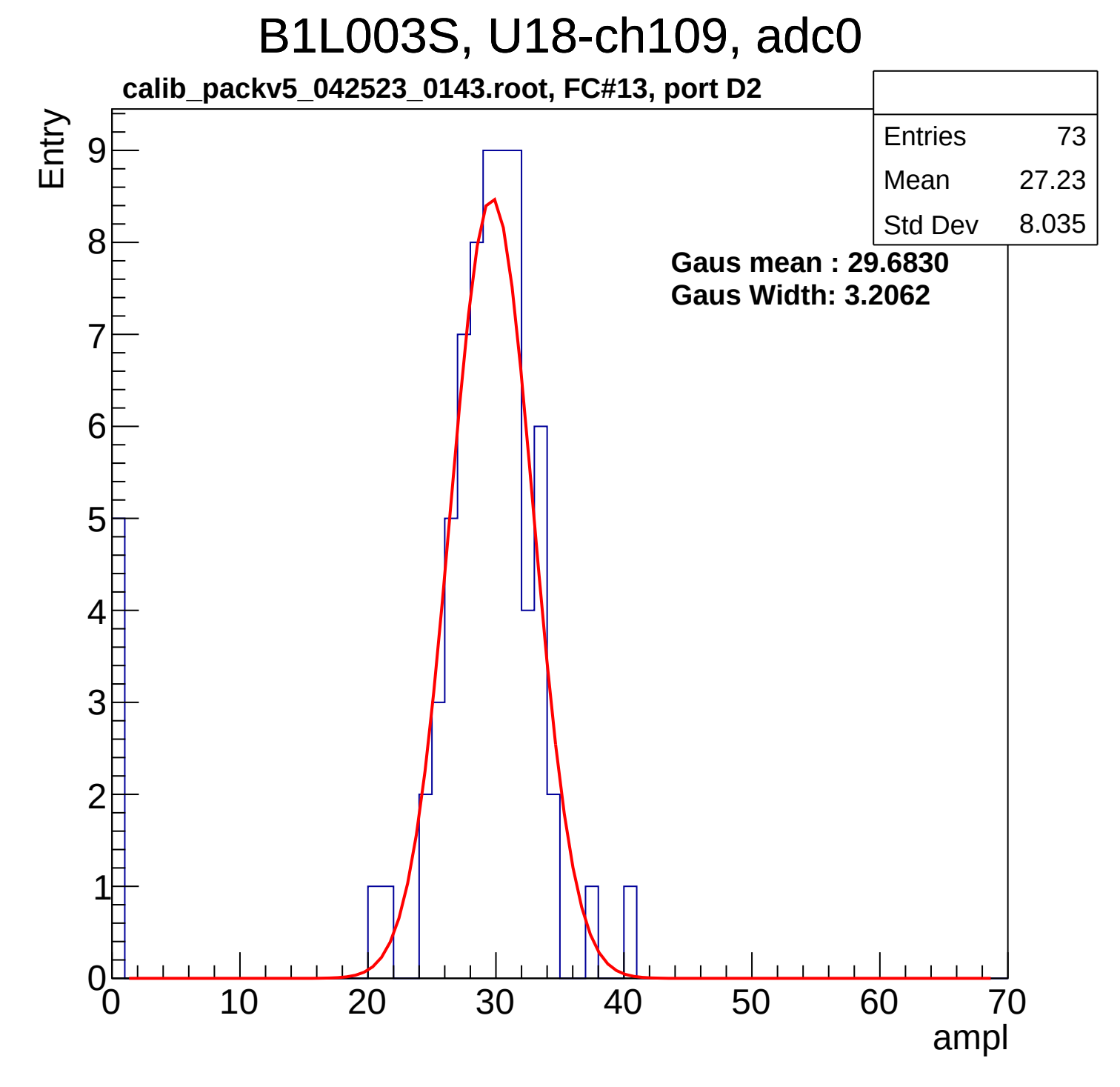

B1L003S, U18-ch108, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 48.38
Std Dev 4.019
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

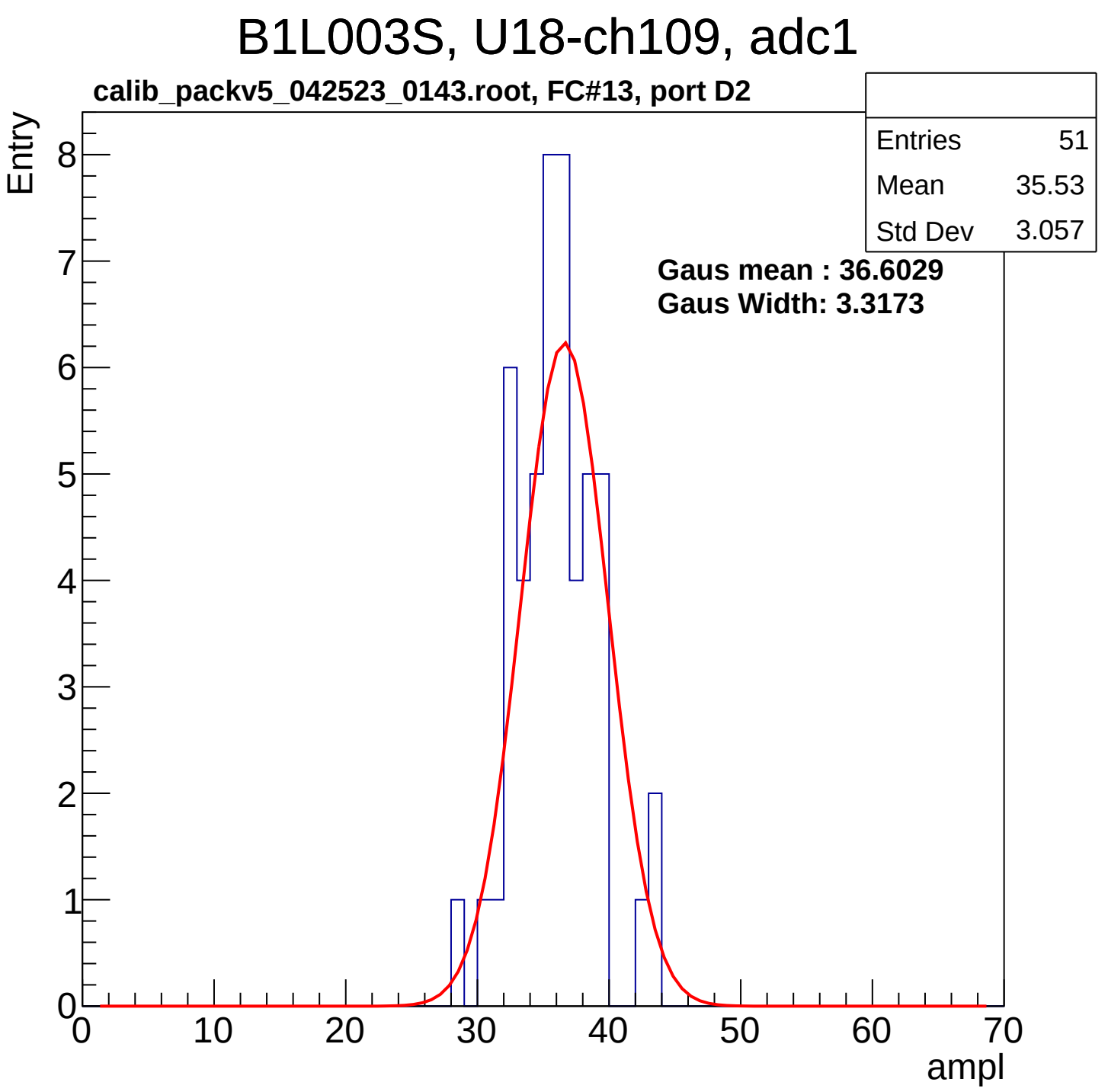

B1L003S, U18-ch108, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 54.3
Std Dev 3.396
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

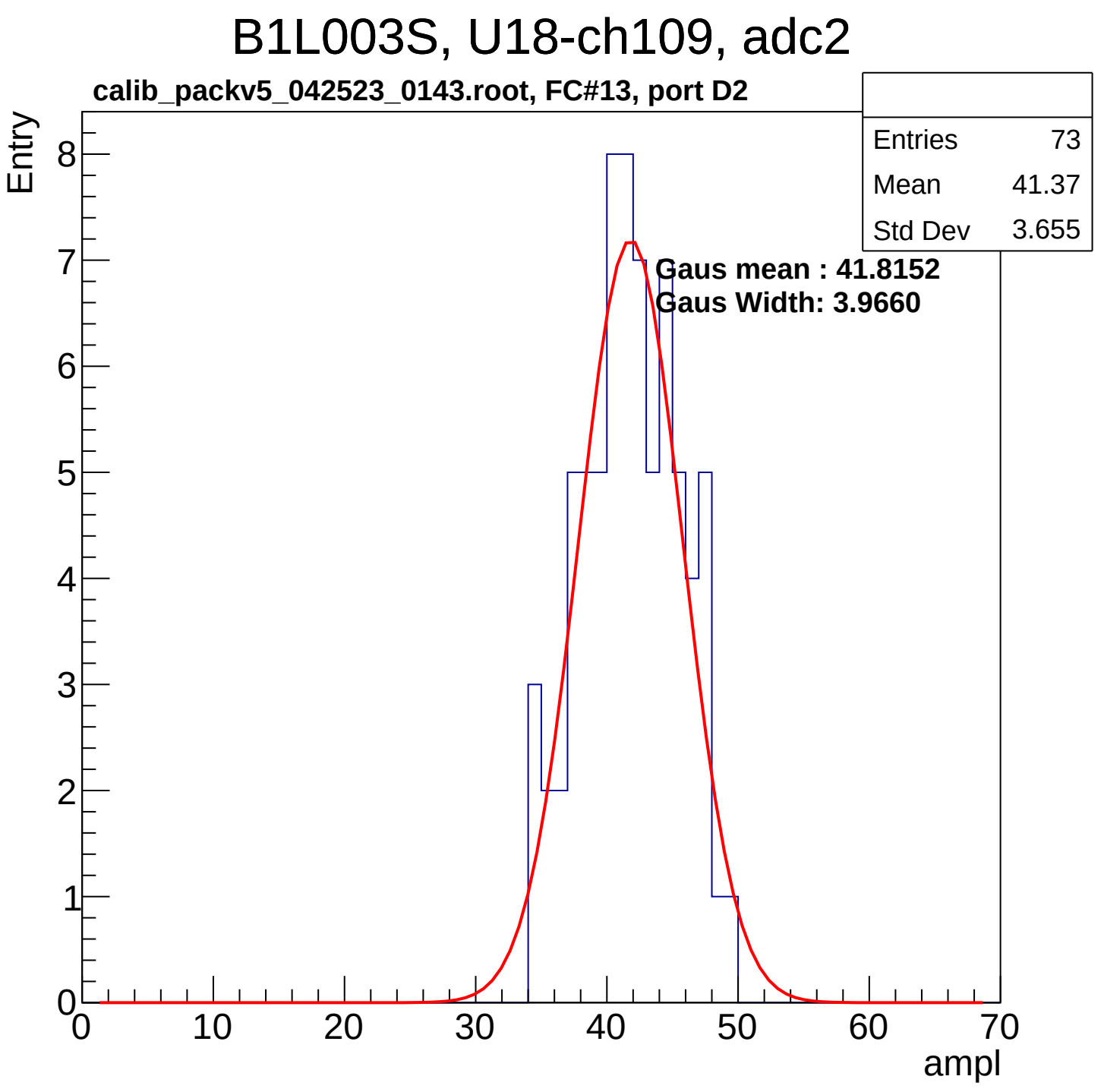

B1L003S, U18-ch108, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 58.95
Std Dev 2.671
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

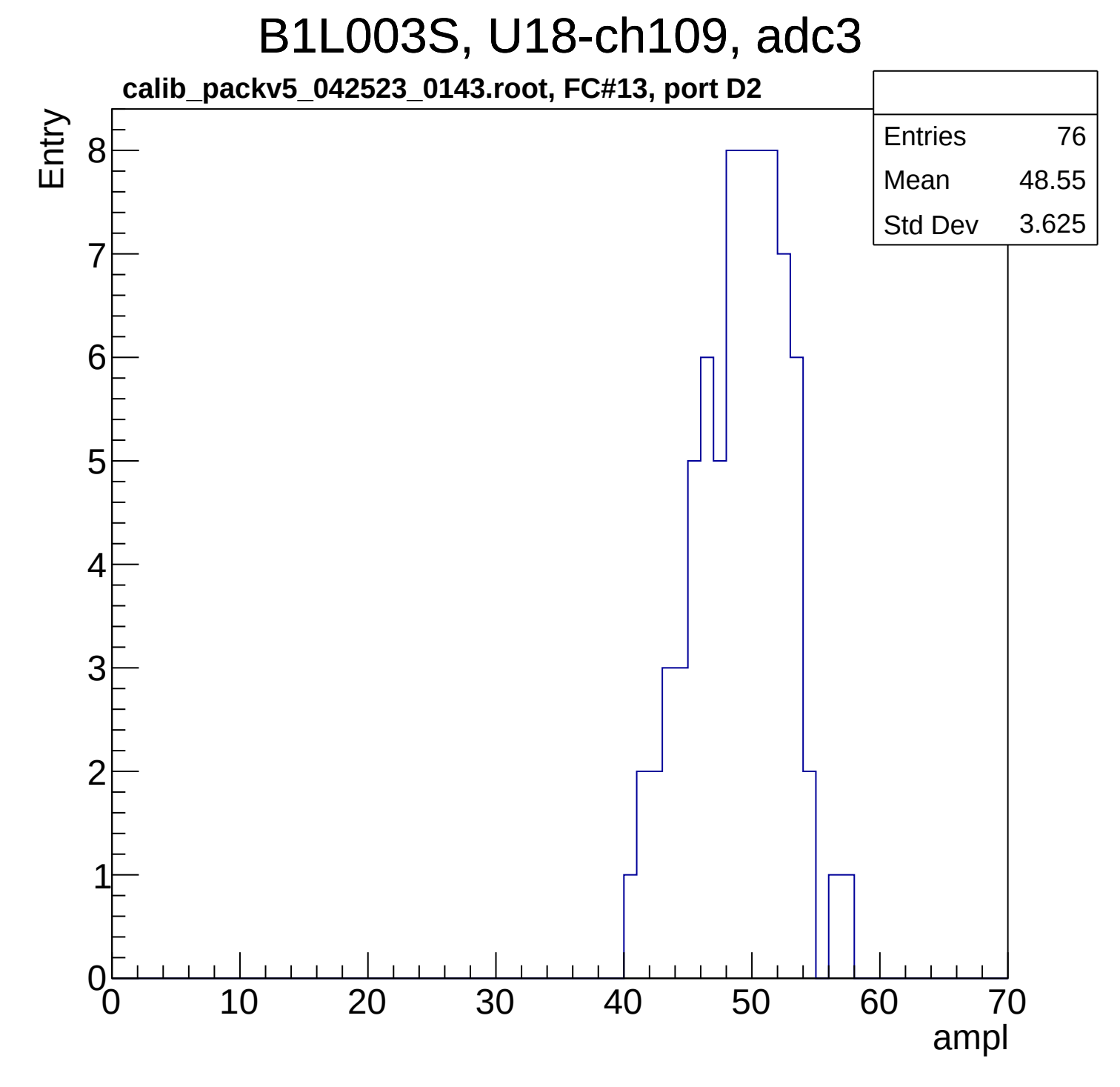

B1L003S, U18-ch108, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 17
Mean 58.47
Std Dev 14.64
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

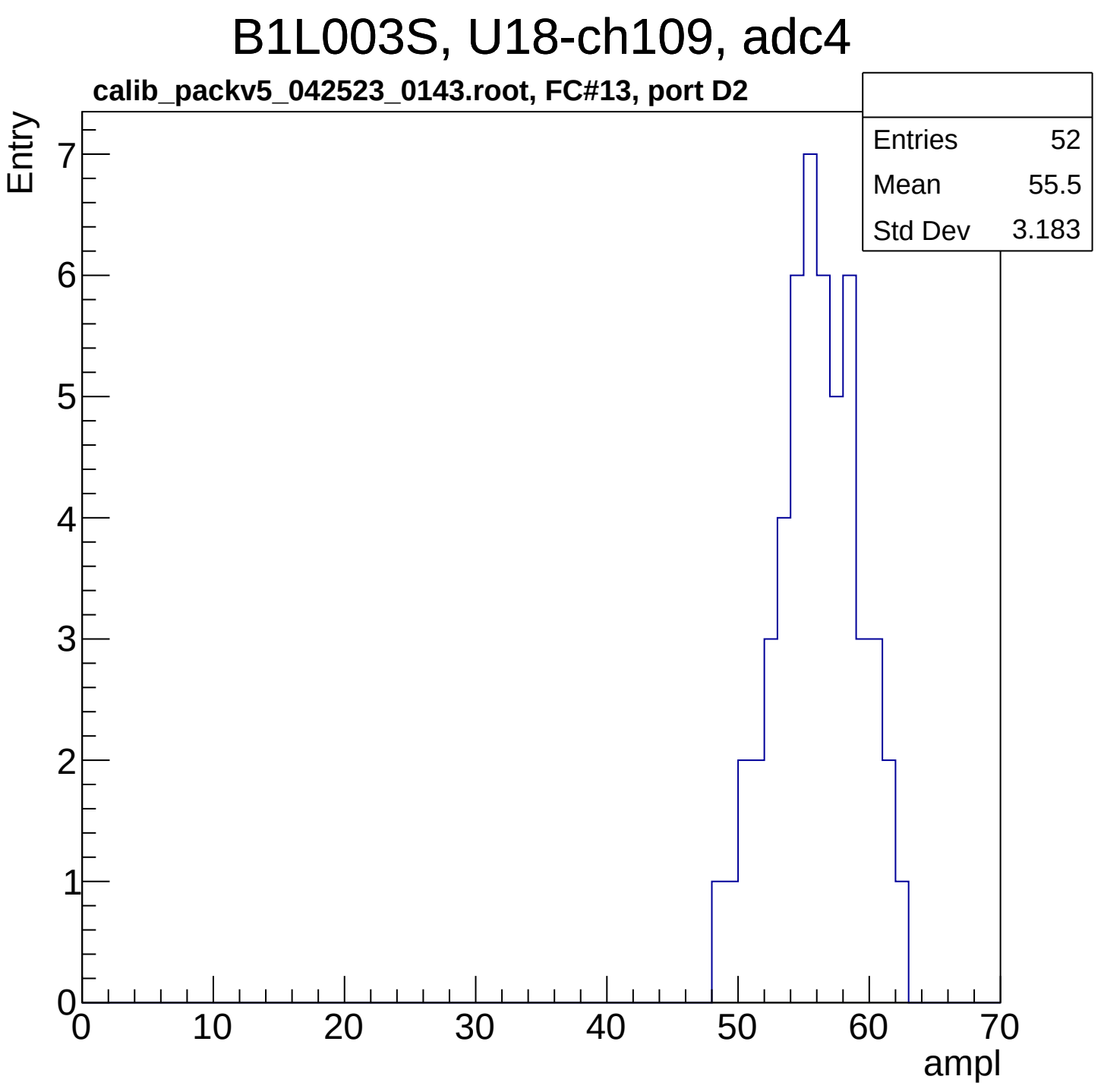

B1L003S, U18-ch108, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

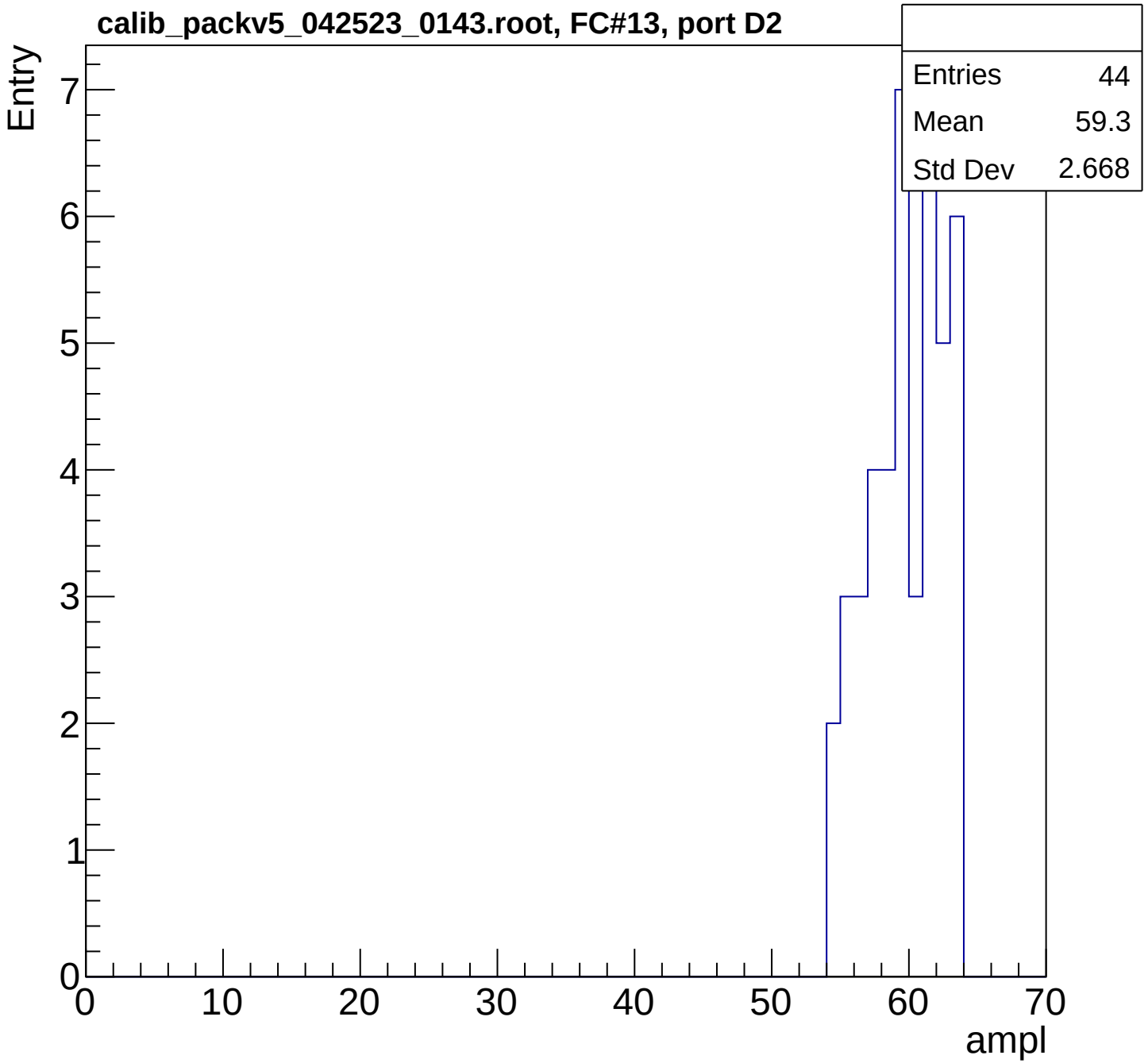

B1L003S, U18-ch109, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 27.23
Std Dev 8.035
Gaus mean : 29.6830
Gaus Width: 3.2062
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

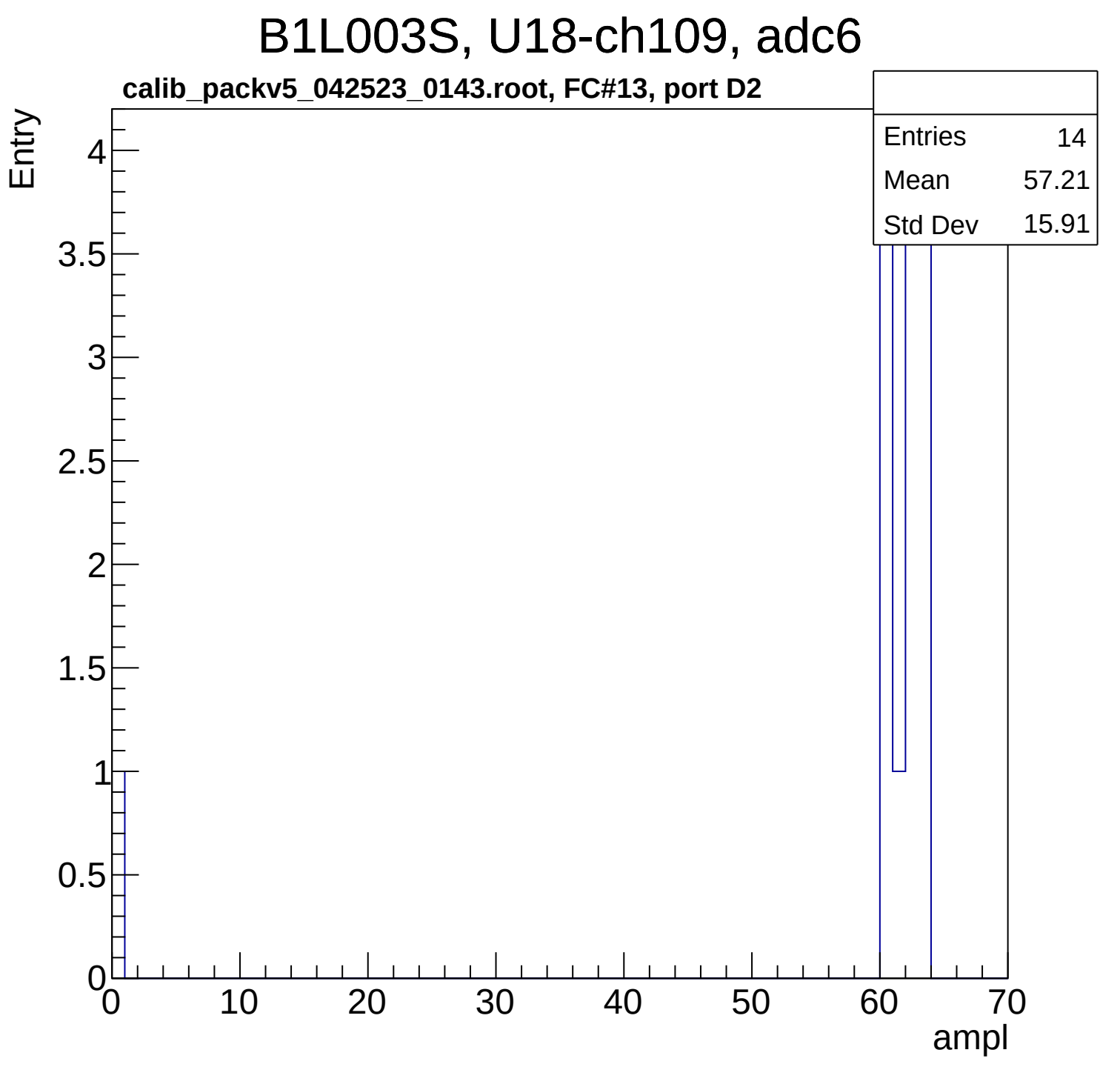

B1L003S, U18-ch109, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 35.53
Std Dev 3.057
Gaus mean : 36.6029
Gaus Width: 3.3173
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

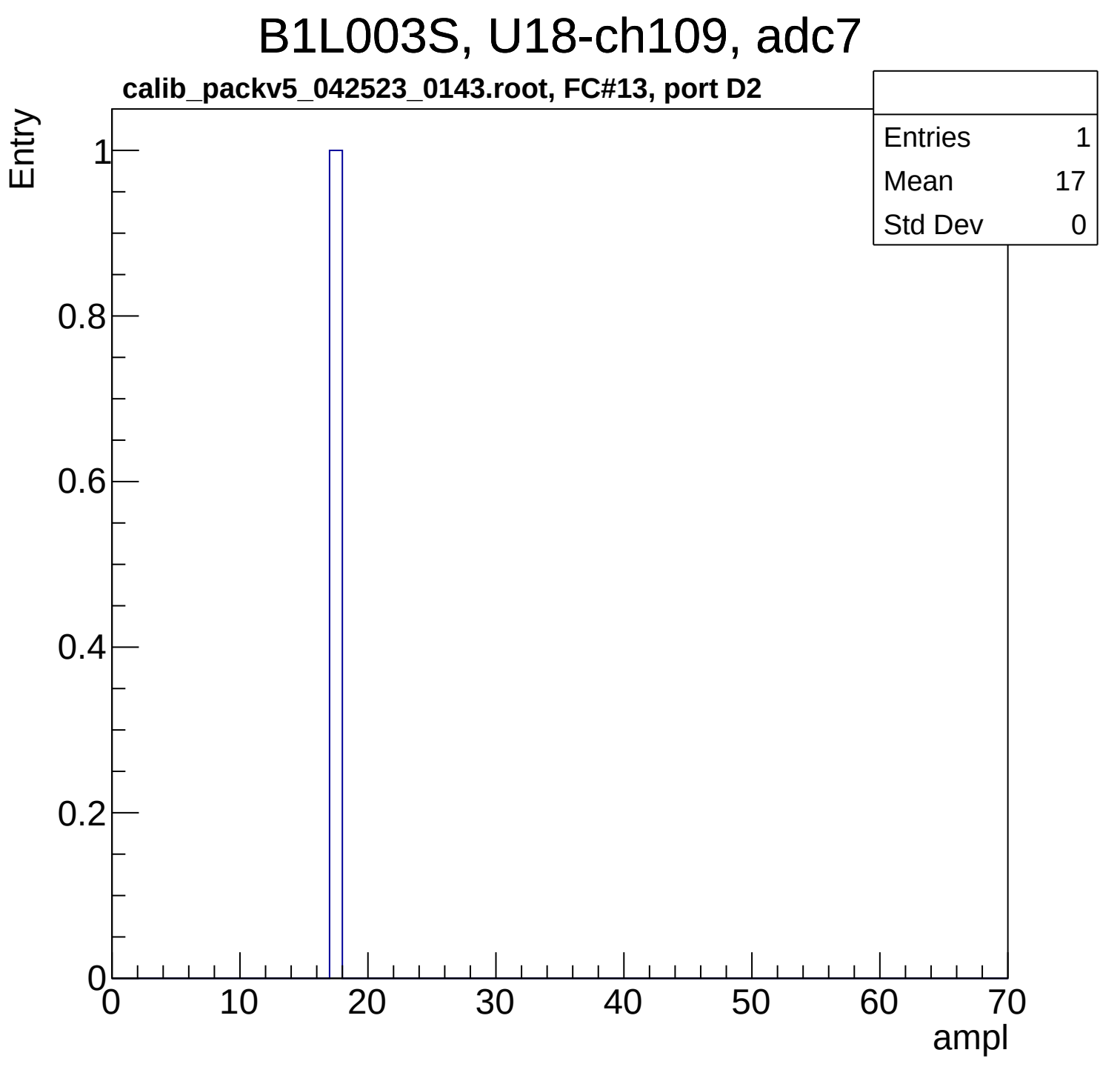

B1L003S, U18-ch109, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 41.37
Std Dev 3.655
Gaus mean : 41.8152
Gaus Width: 3.9660
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

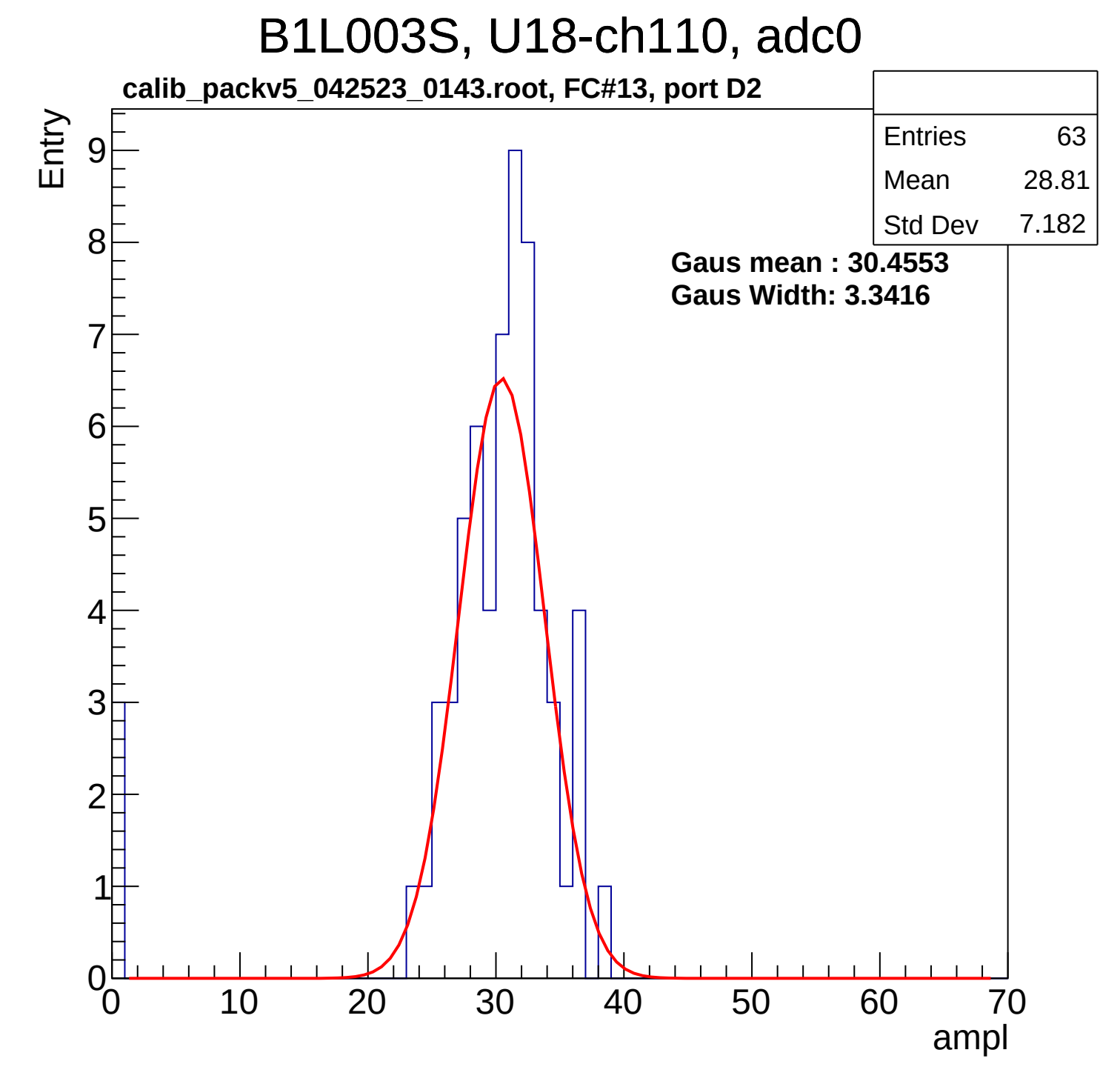

B1L003S, U18-ch109, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 48.55
Std Dev 3.625
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

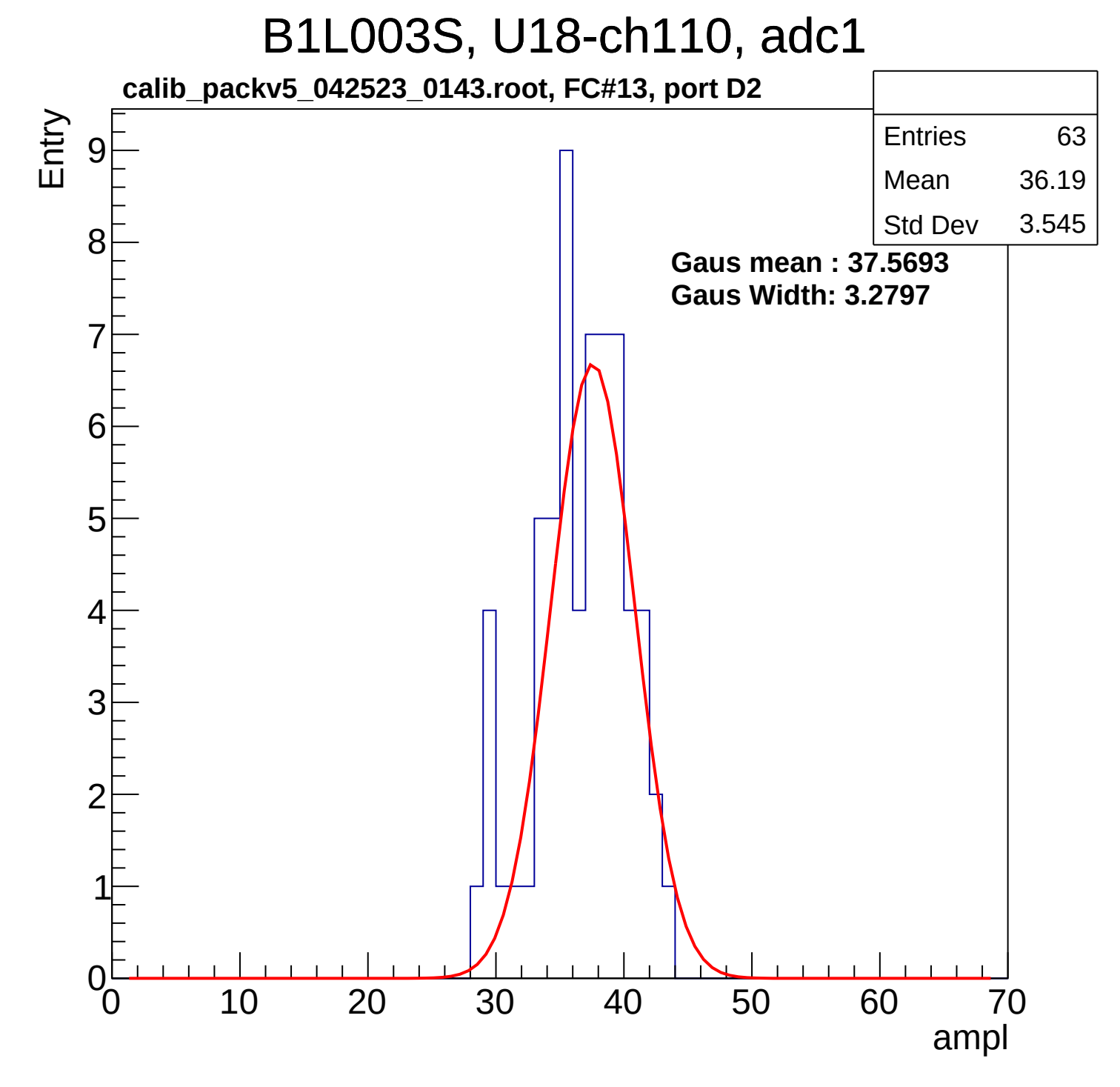

B1L003S, U18-ch109, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 55.5
Std Dev 3.183
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

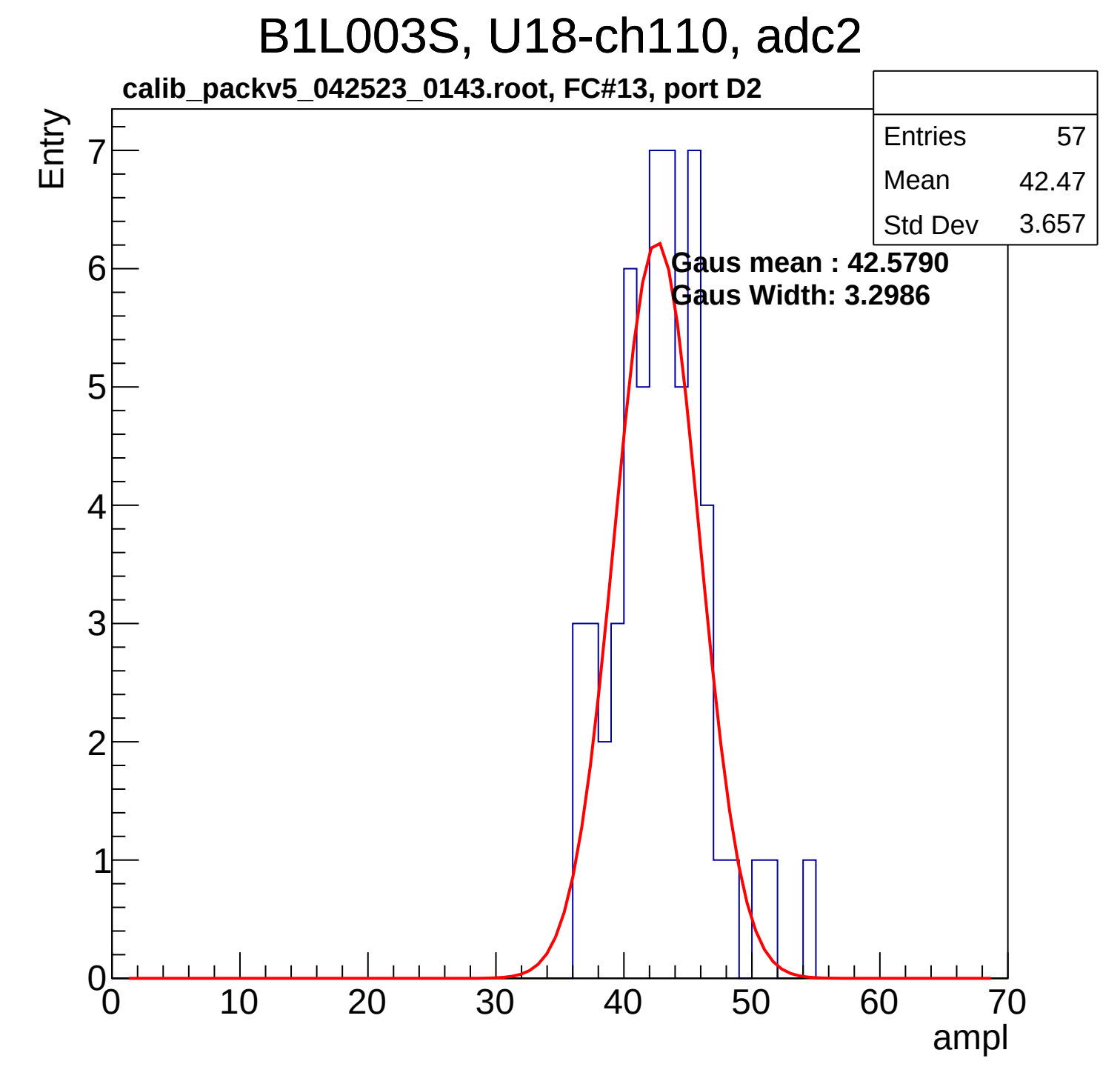

B1L003S, U18-ch109, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.3
Std Dev 2.668
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

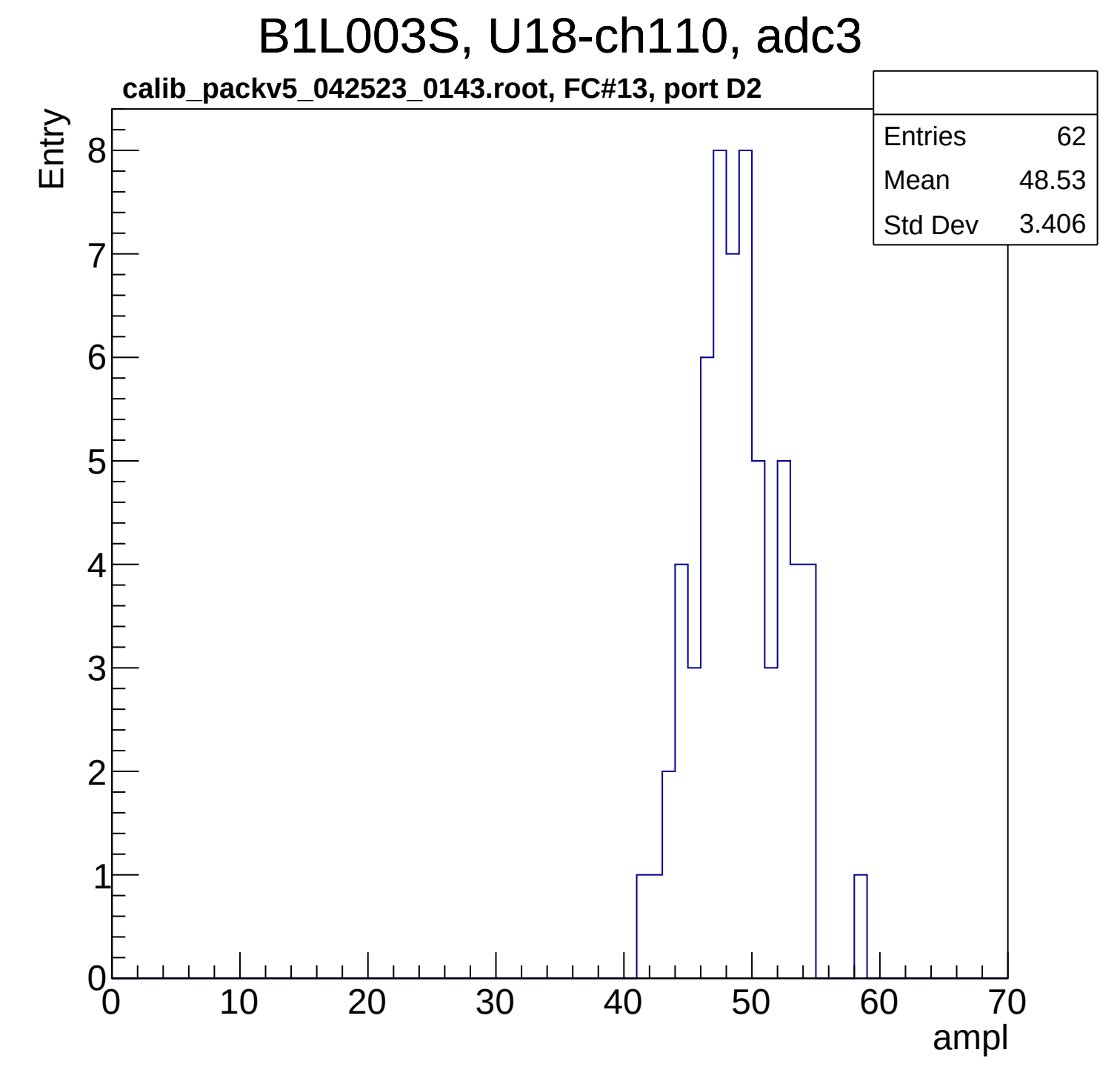

B1L003S, U18-ch109, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 14
Mean 57.21
Std Dev 15.91
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

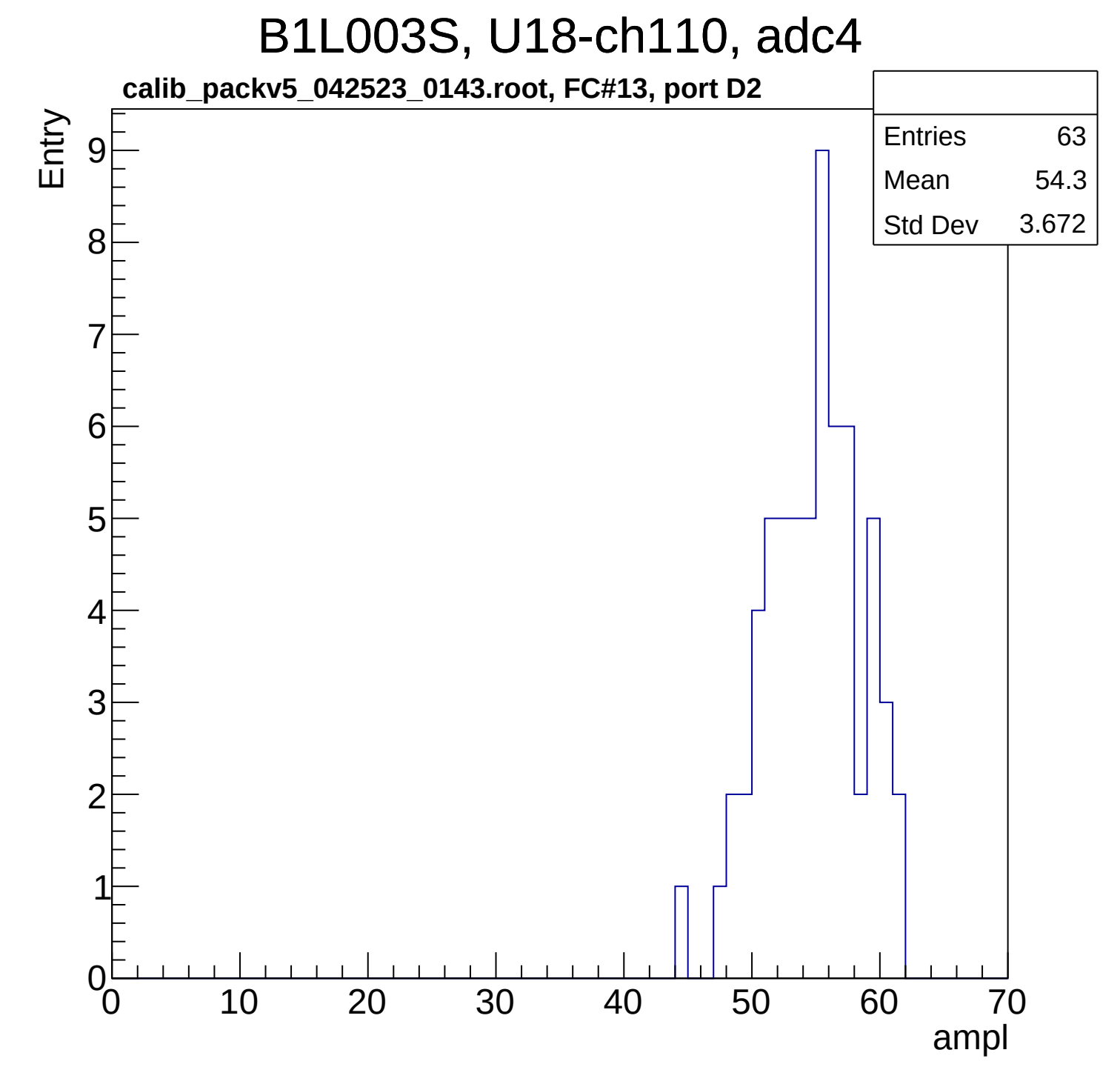

B1L003S, U18-ch109, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 17
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

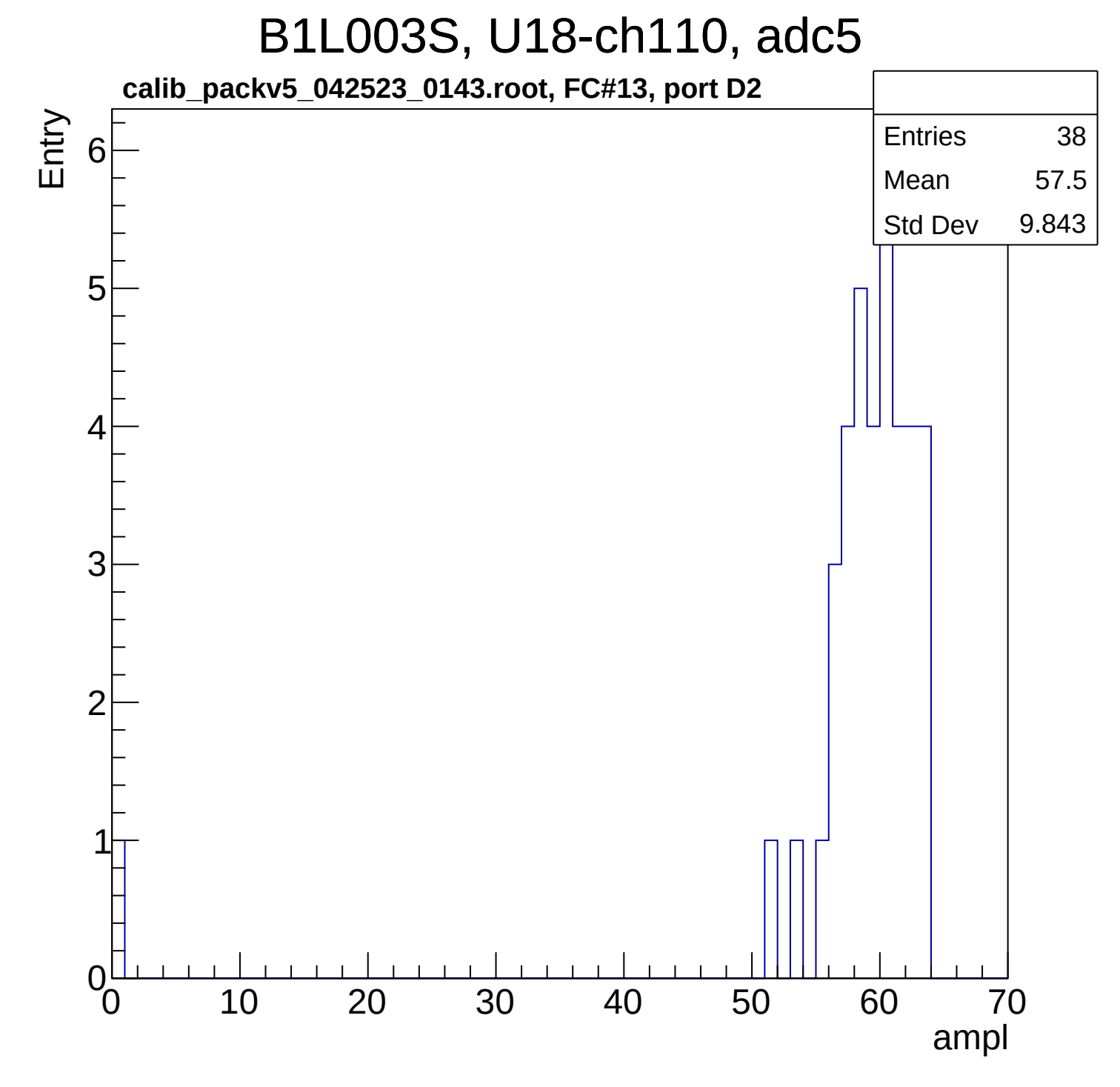

B1L003S, U18-ch110, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 28.81
Std Dev 7.182
Gaus mean : 30.4553
Gaus Width: 3.3416
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

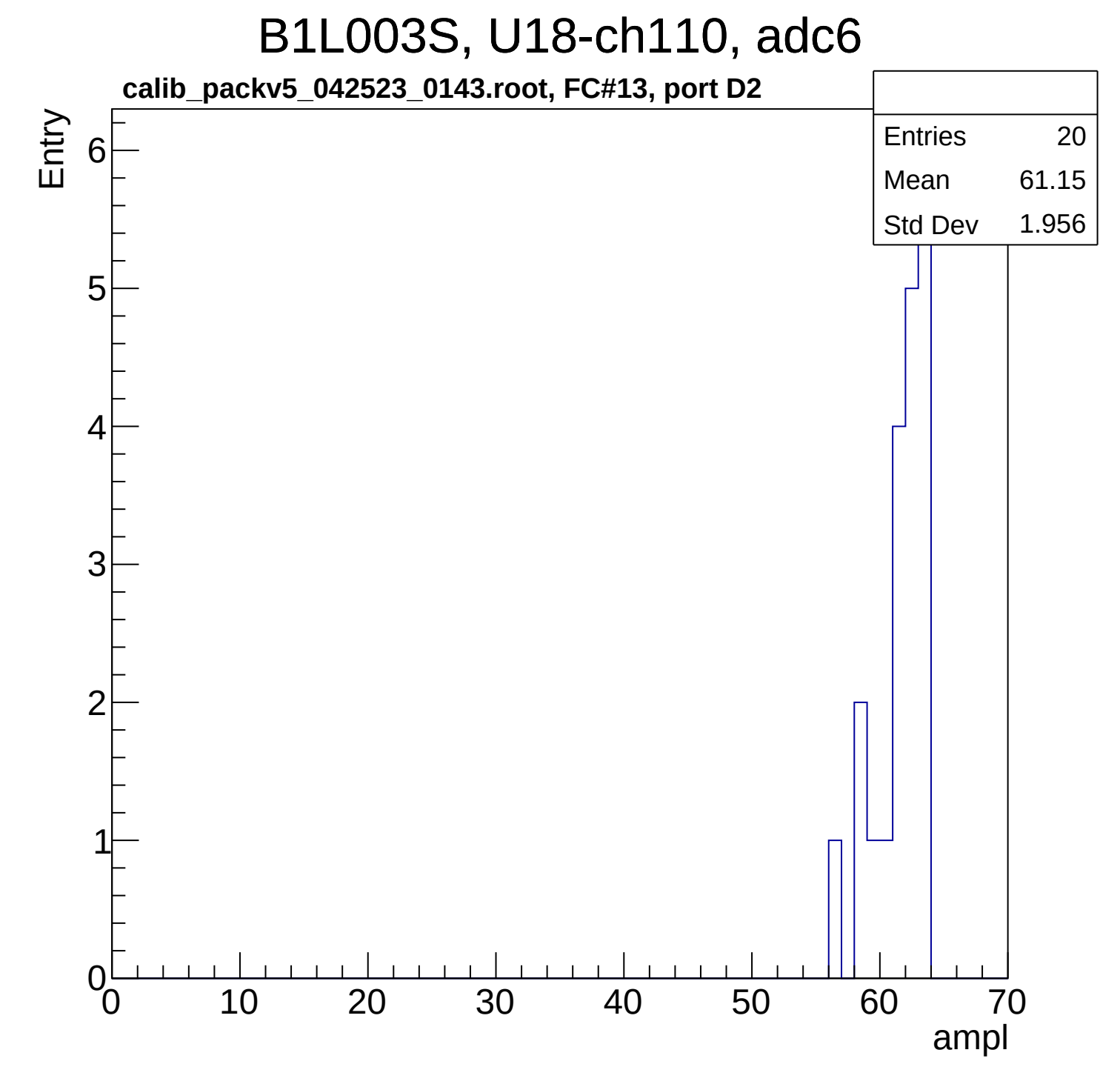

B1L003S, U18-ch110, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 36.19
Std Dev 3.545
Gaus mean : 37.5693
Gaus Width: 3.2797
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

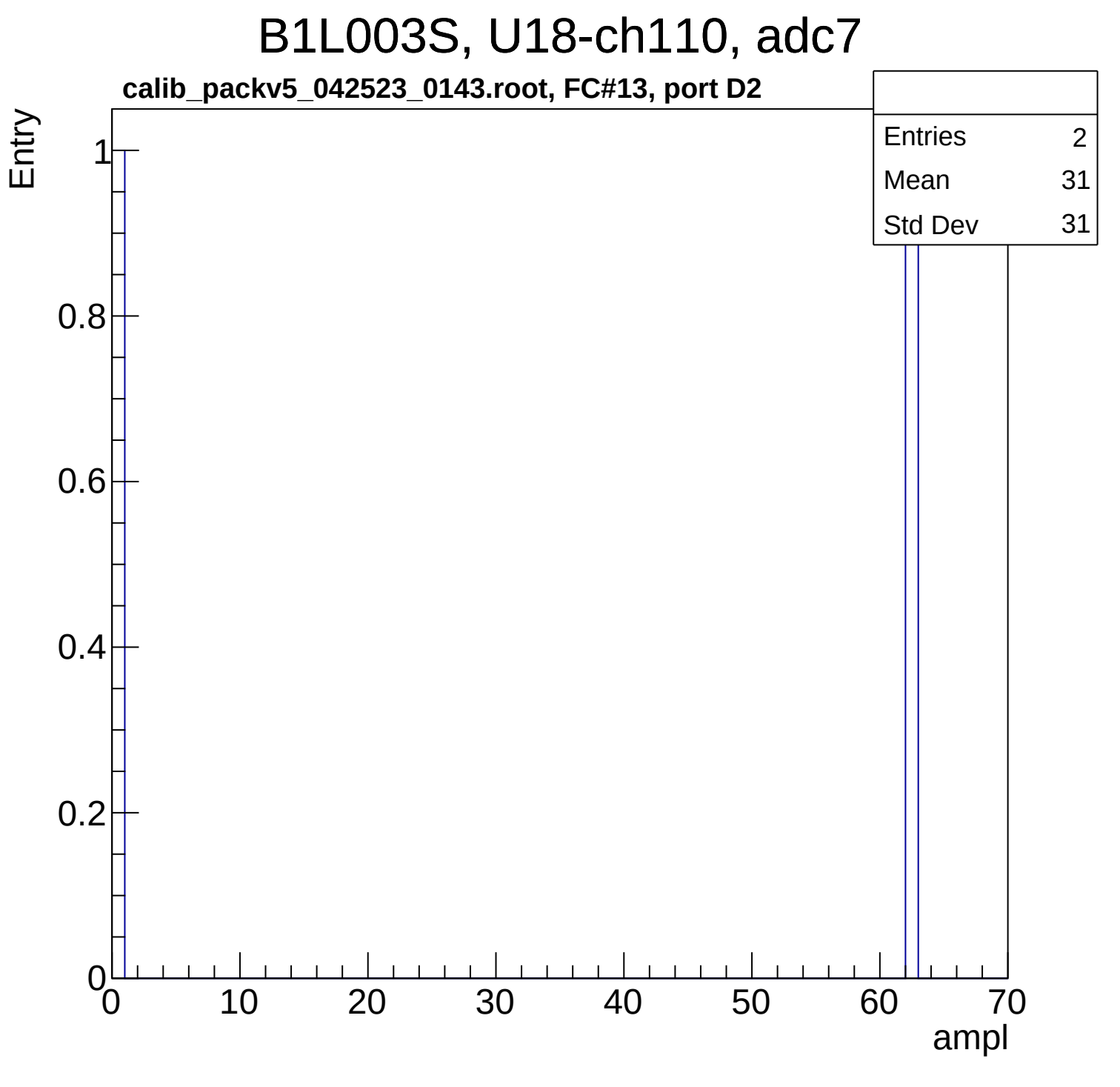

B1L003S, U18-ch110, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 42.47
Std Dev 3.657
Gaus mean : 42.5790
Gaus Width: 3.2986
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

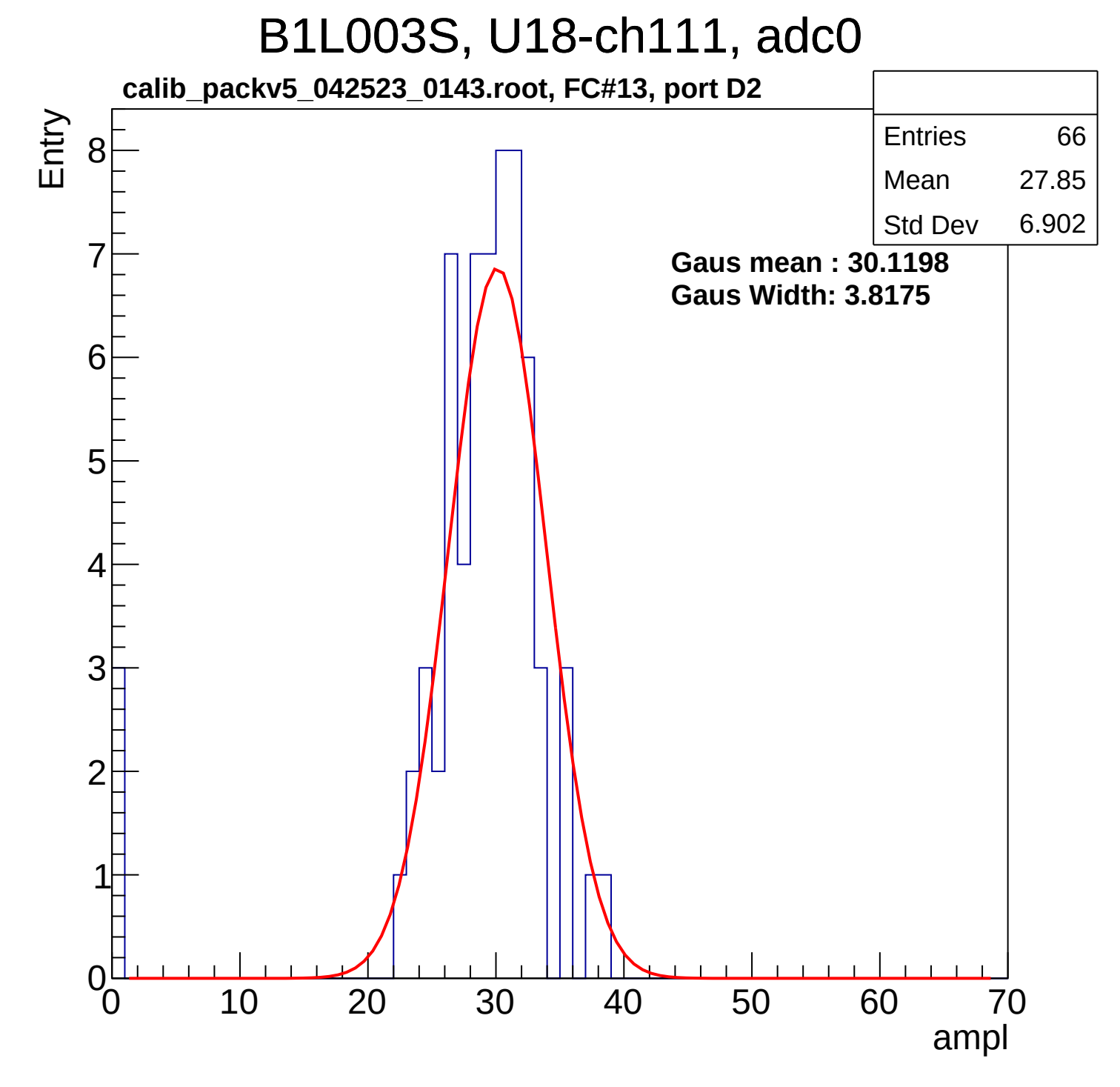

B1L003S, U18-ch110, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 48.53
Std Dev 3.406
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

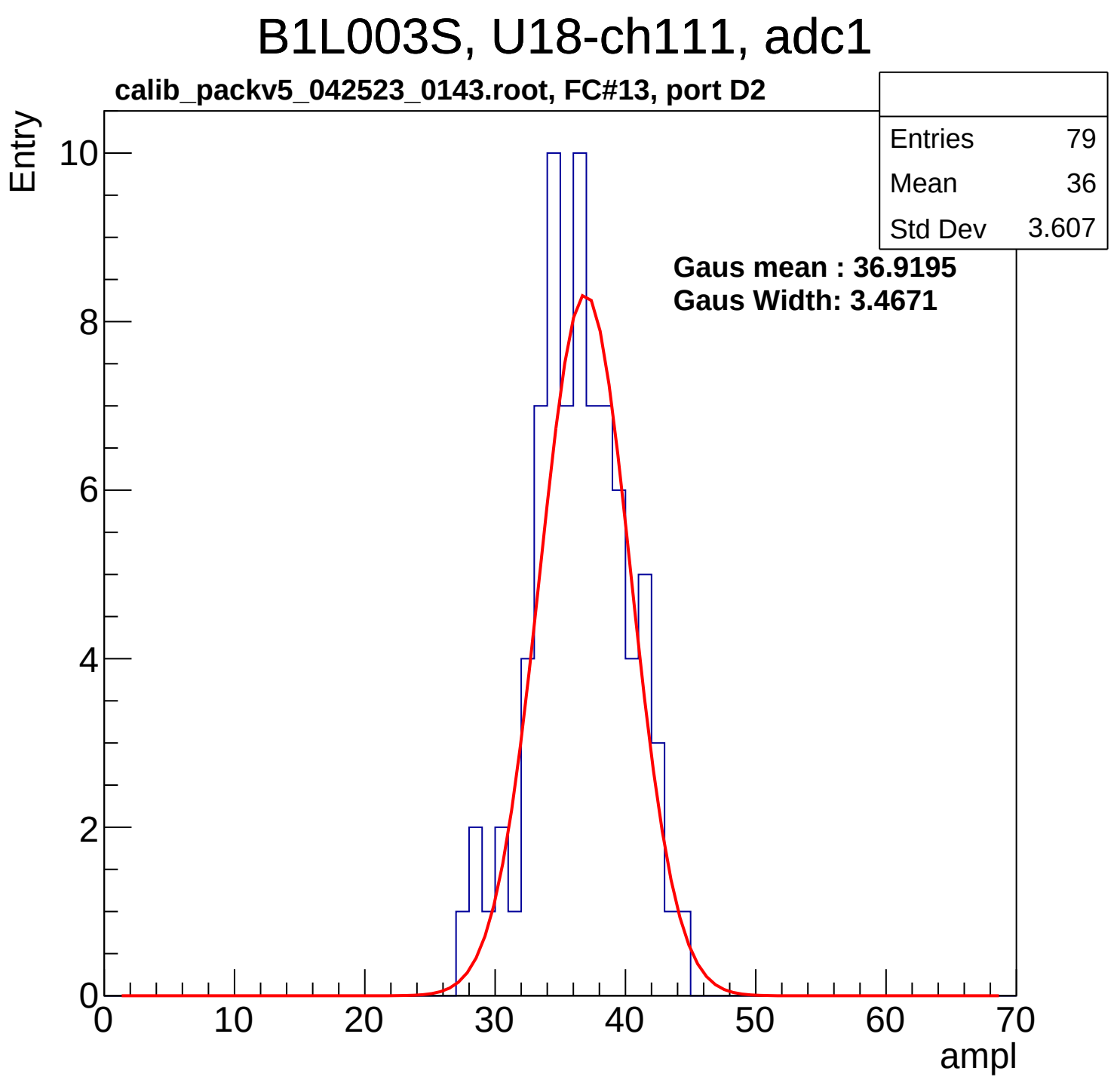

B1L003S, U18-ch110, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 54.3
Std Dev 3.672
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

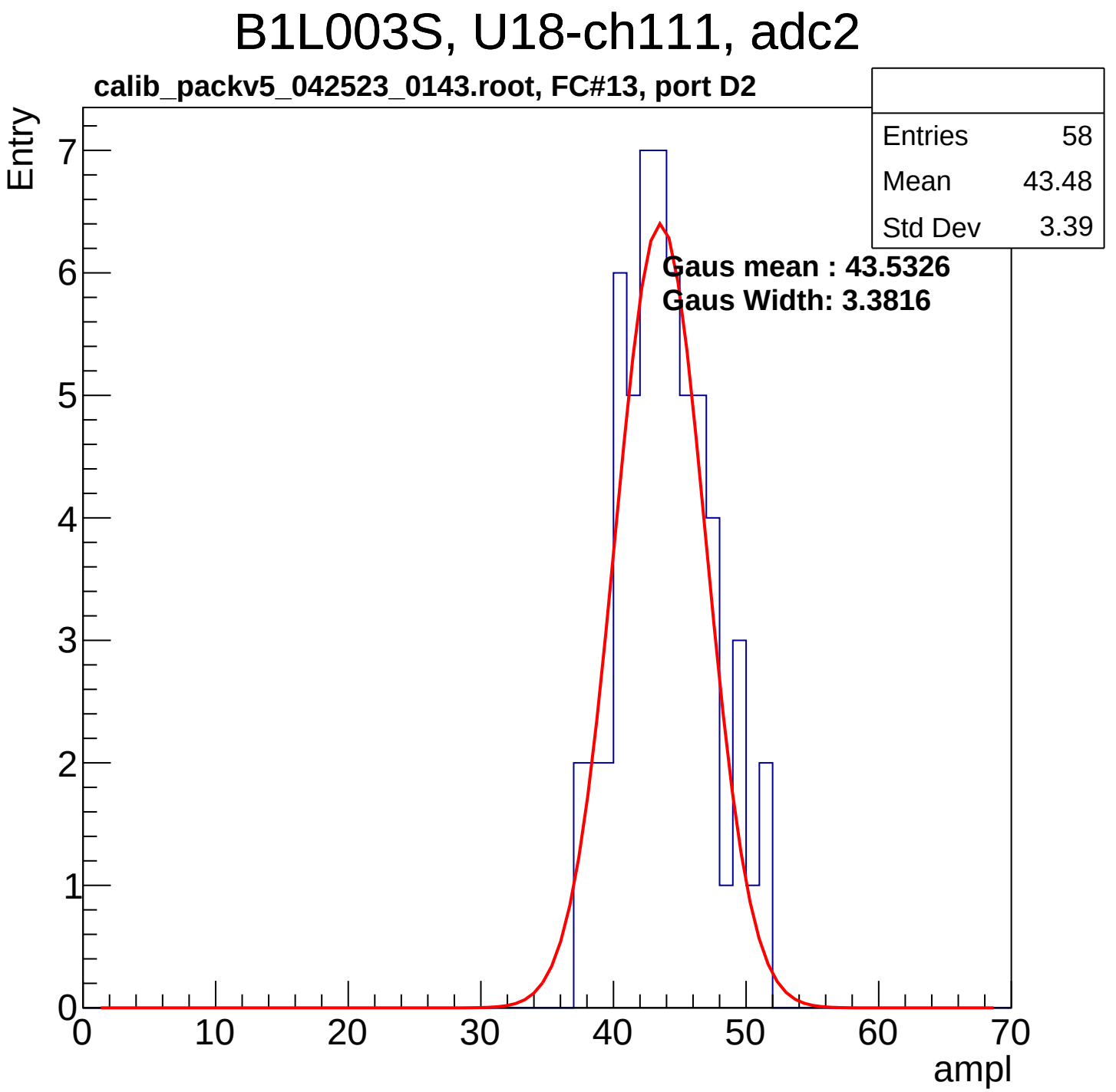

B1L003S, U18-ch110, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 38
Mean 57.5
Std Dev 9.843
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

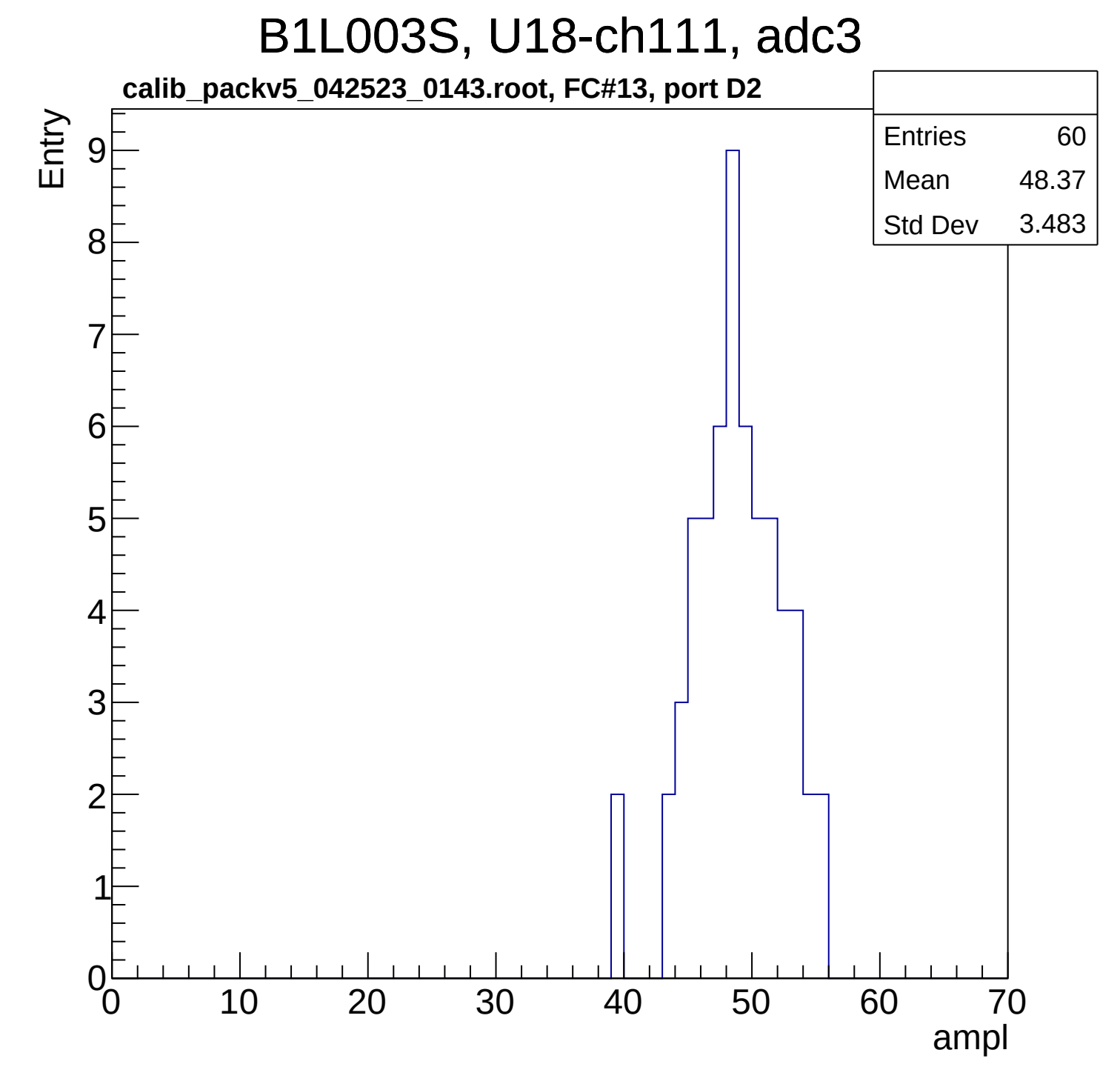

B1L003S, U18-ch110, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 20
Mean 61.15
Std Dev 1.956
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

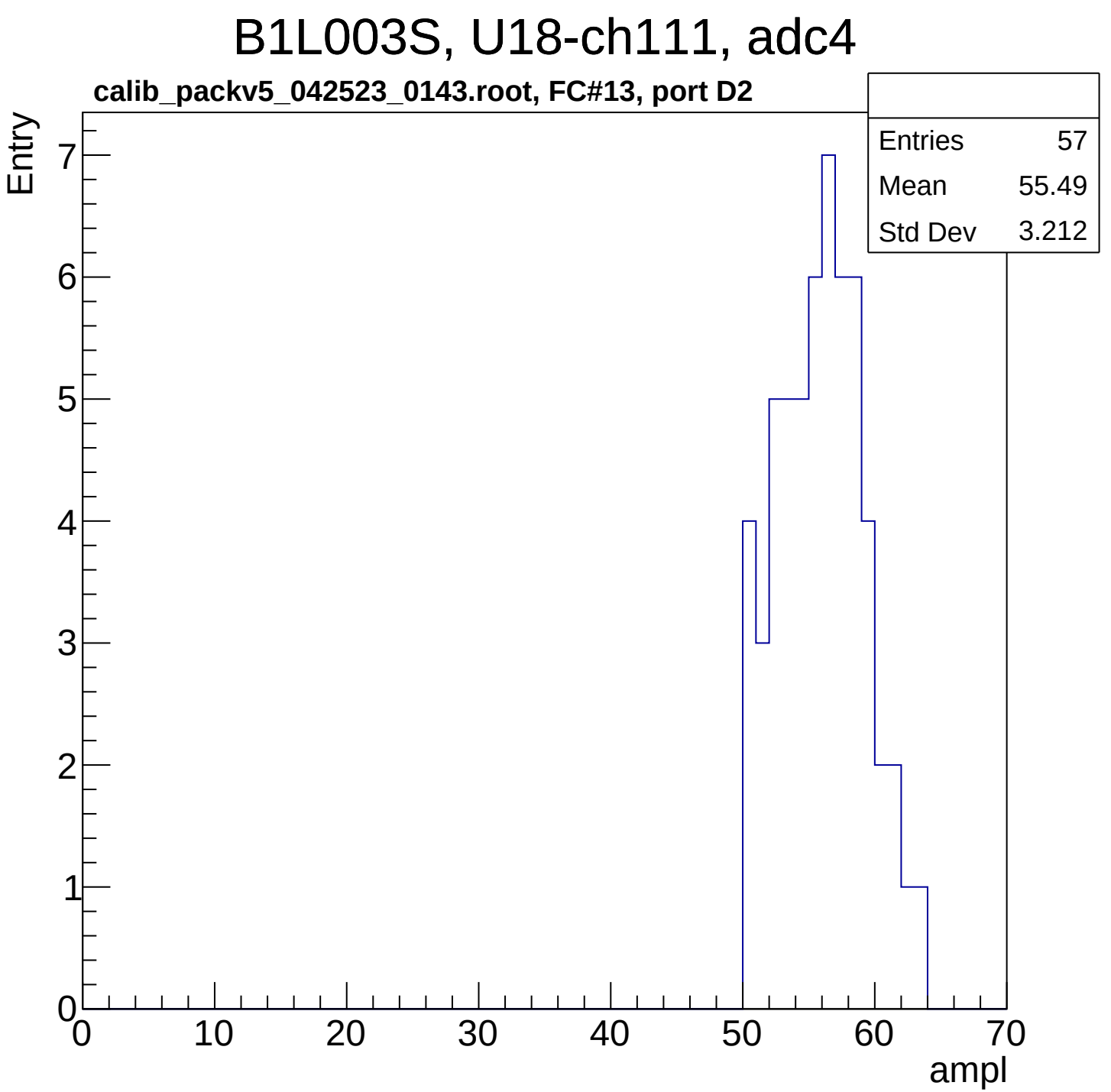

B1L003S, U18-ch110, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

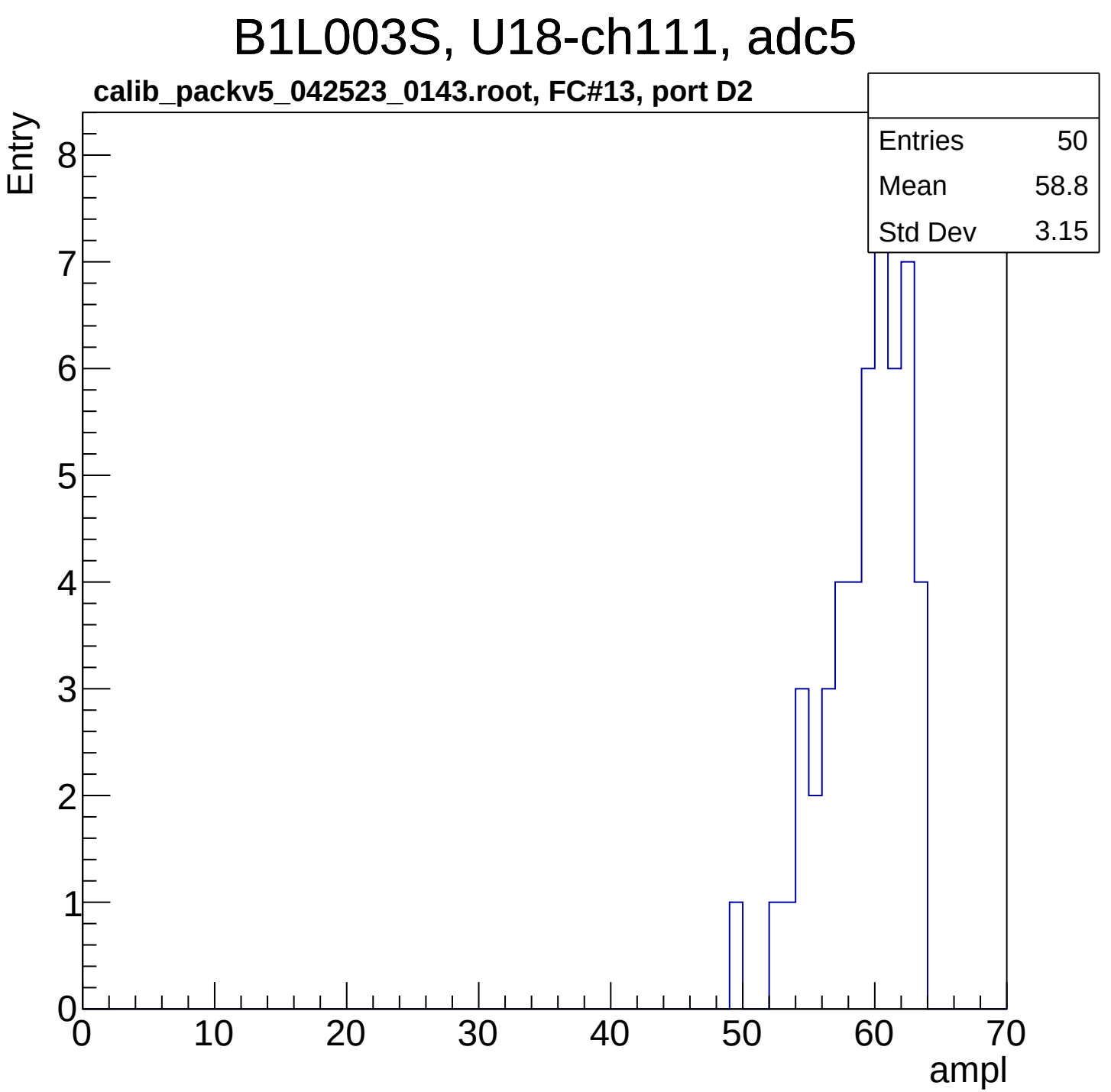

B1L003S, U18-ch111, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 27.85
Std Dev 6.902
Gaus mean : 30.1198
Gaus Width: 3.8175
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

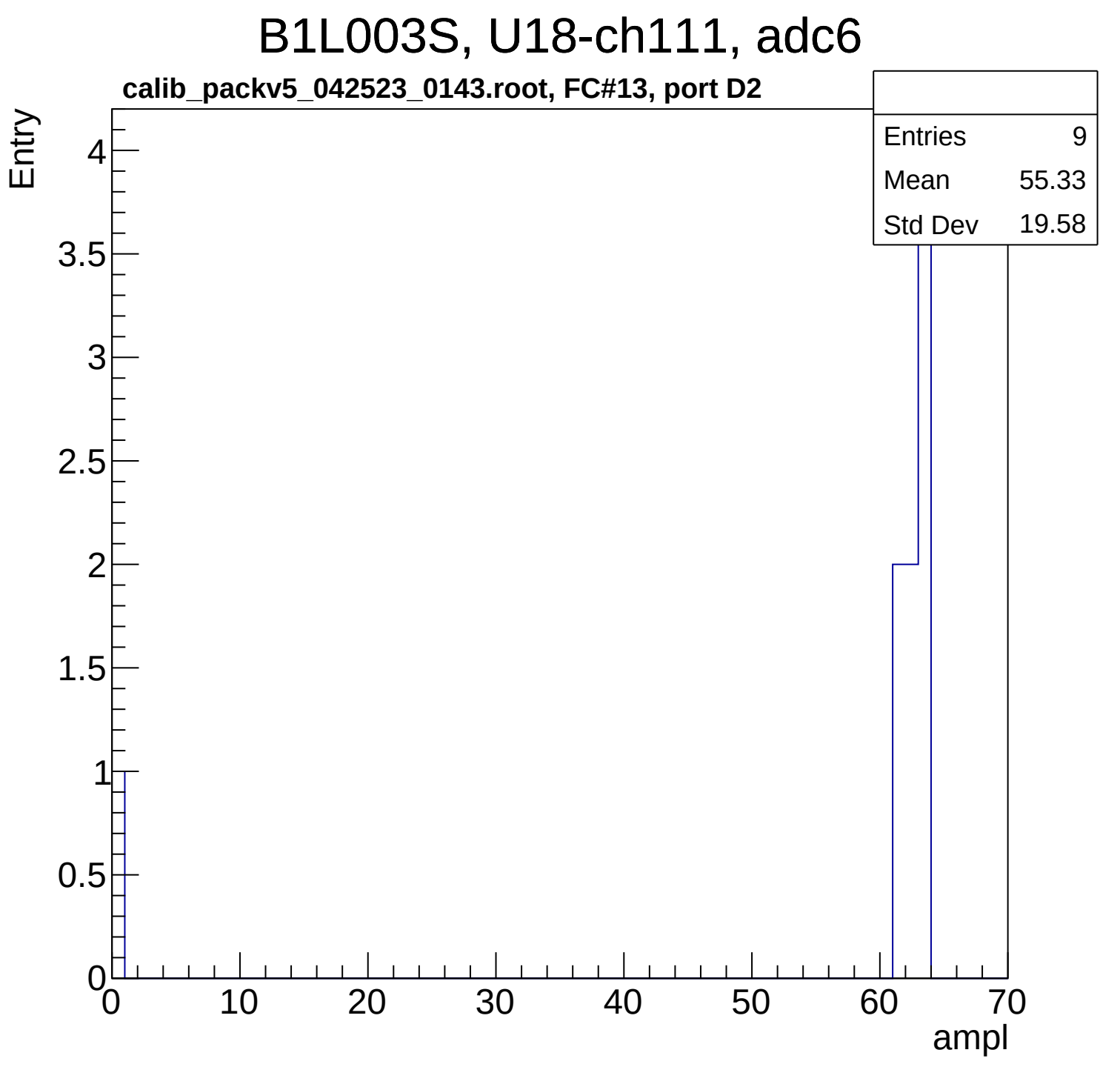

B1L003S, U18-ch111, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 36
Std Dev 3.607
Gaus mean : 36.9195
Gaus Width: 3.4671
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

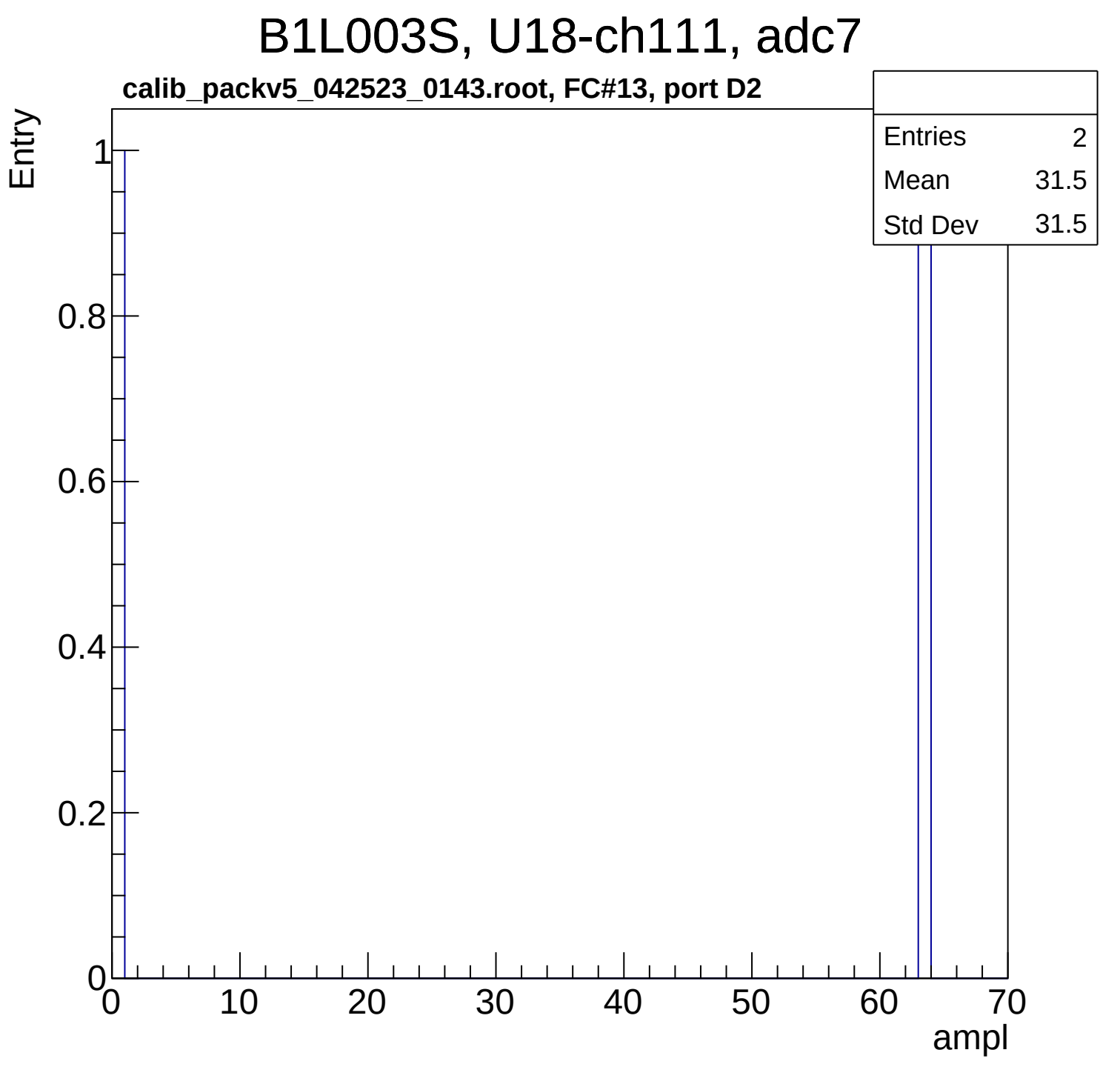

B1L003S, U18-ch111, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 43.48
Std Dev 3.39
Gaus mean : 43.5326
Gaus Width: 3.3816
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

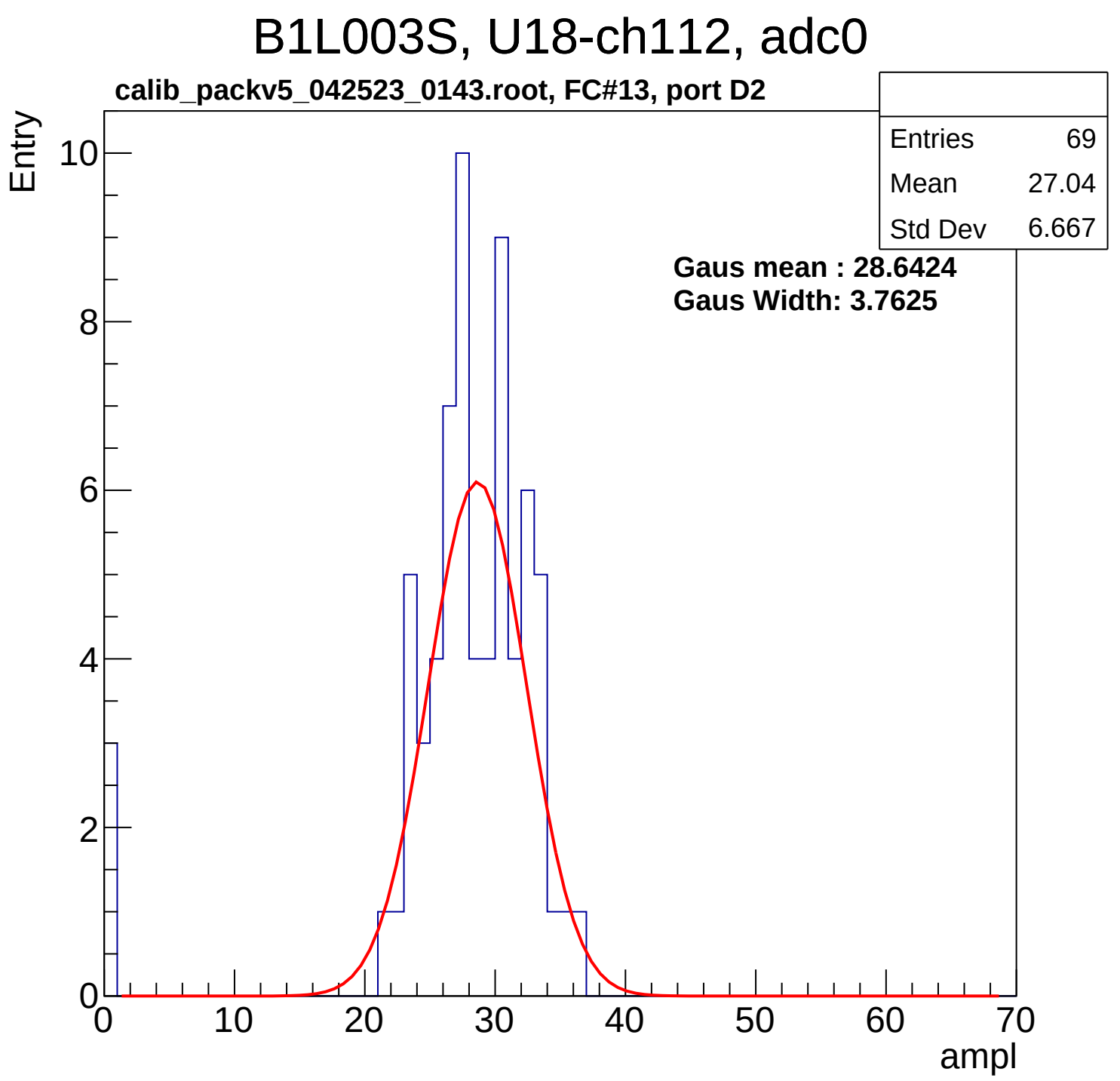

B1L003S, U18-ch111, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 48.37
Std Dev 3.483
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

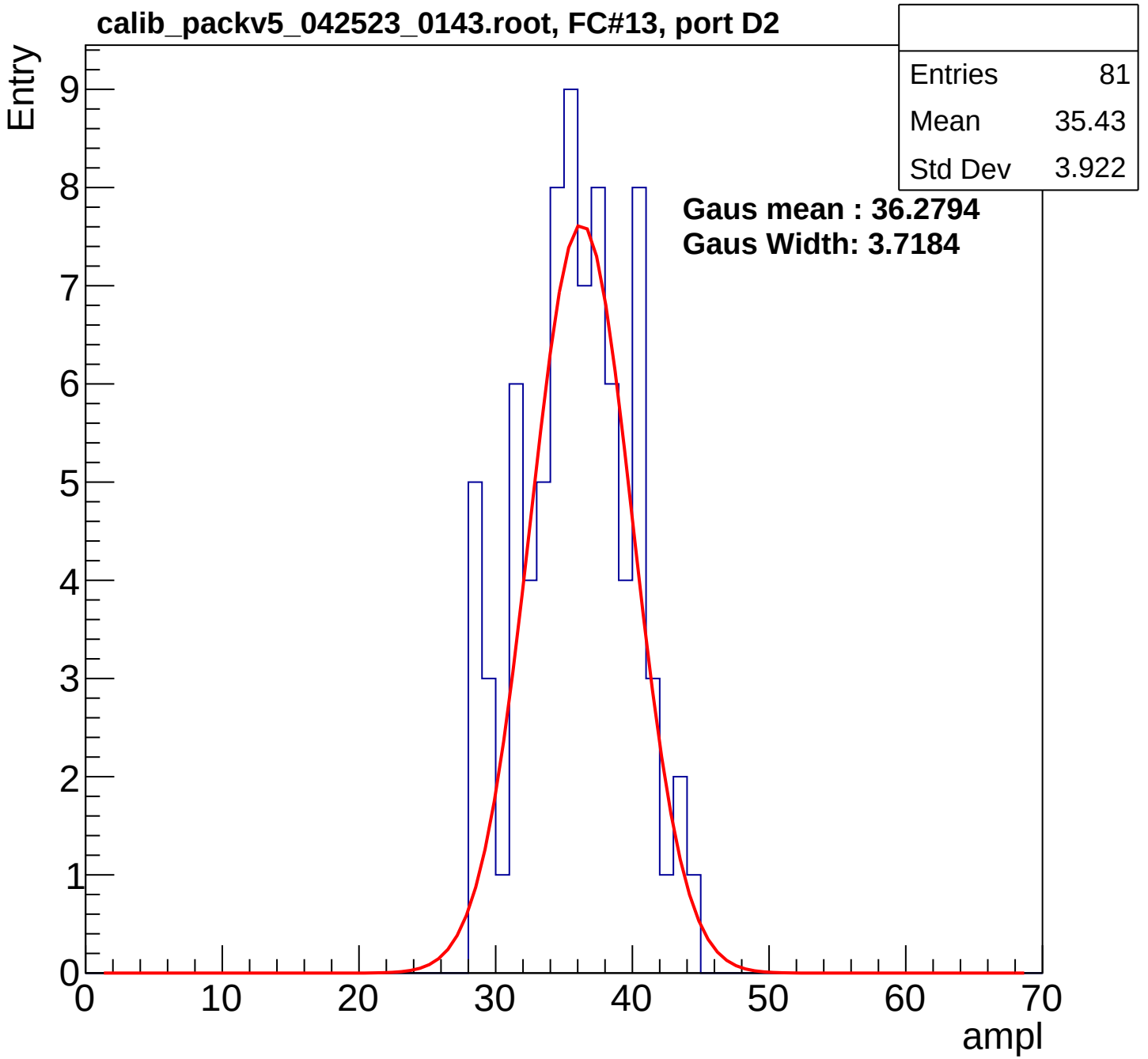

B1L003S, U18-ch111, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 55.49
Std Dev 3.212
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

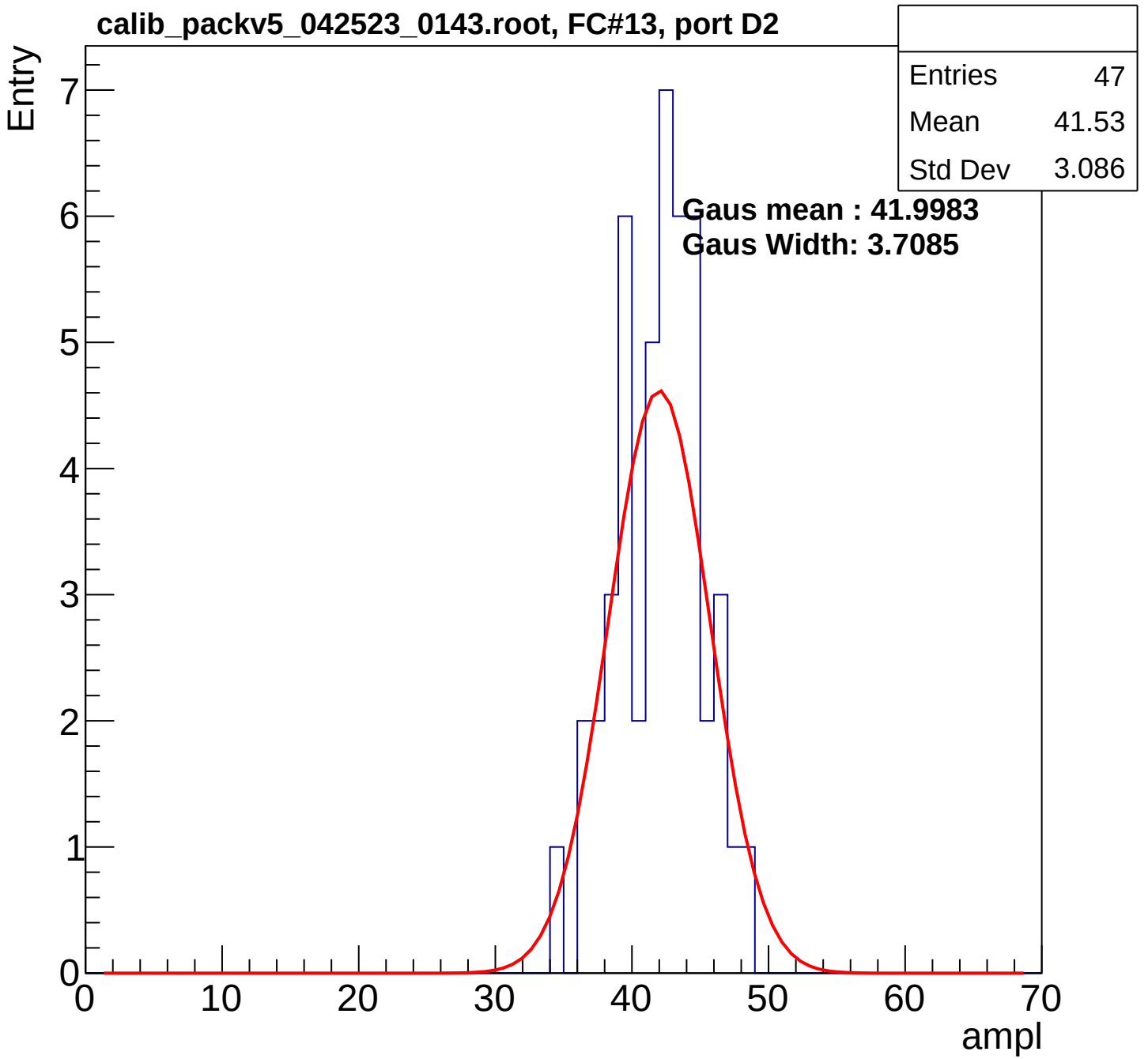

B1L003S, U18-ch111, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 58.8
Std Dev 3.15
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

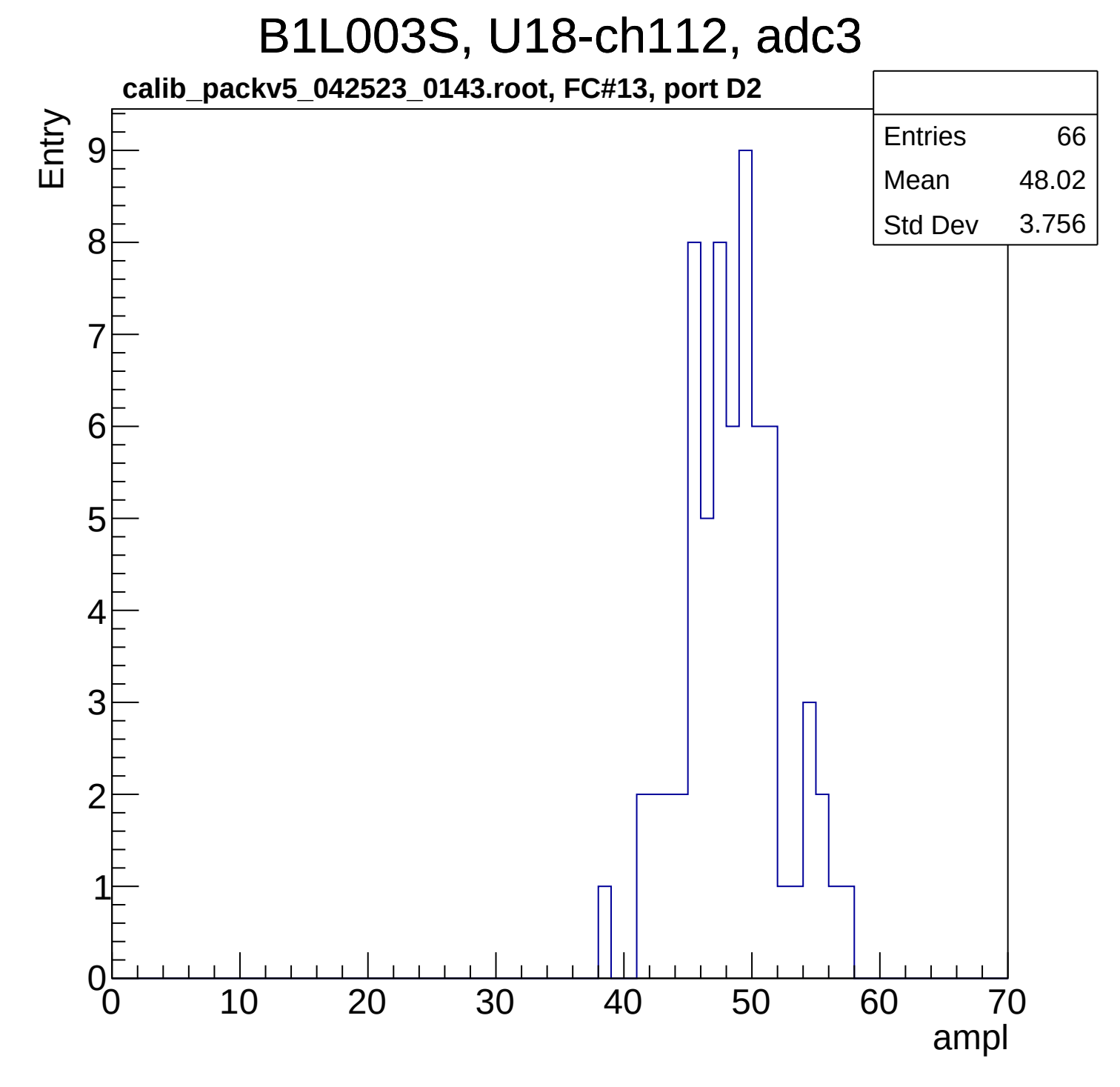

B1L003S, U18-ch111, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 55.33
Std Dev 19.58
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

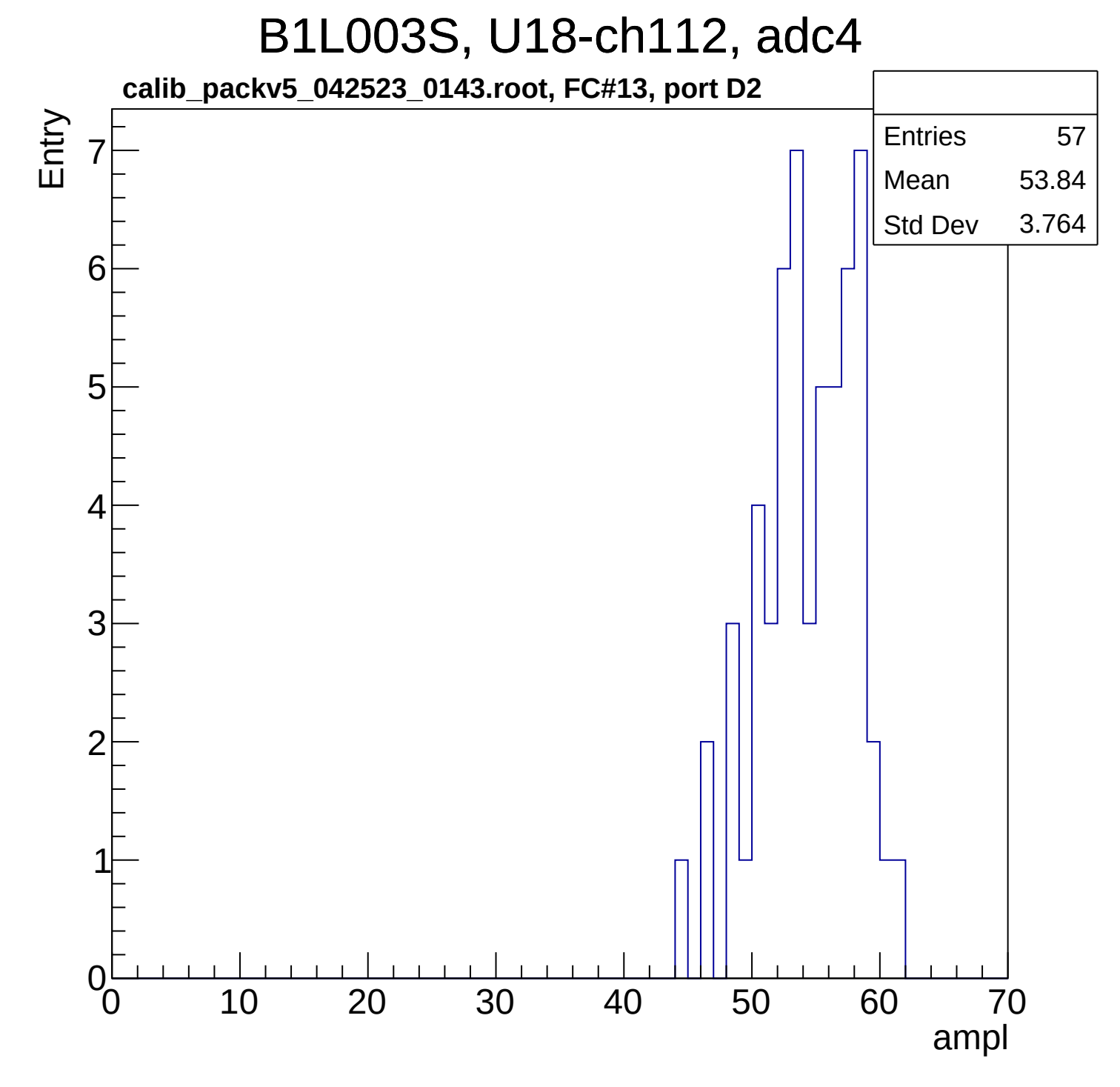

B1L003S, U18-ch111, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

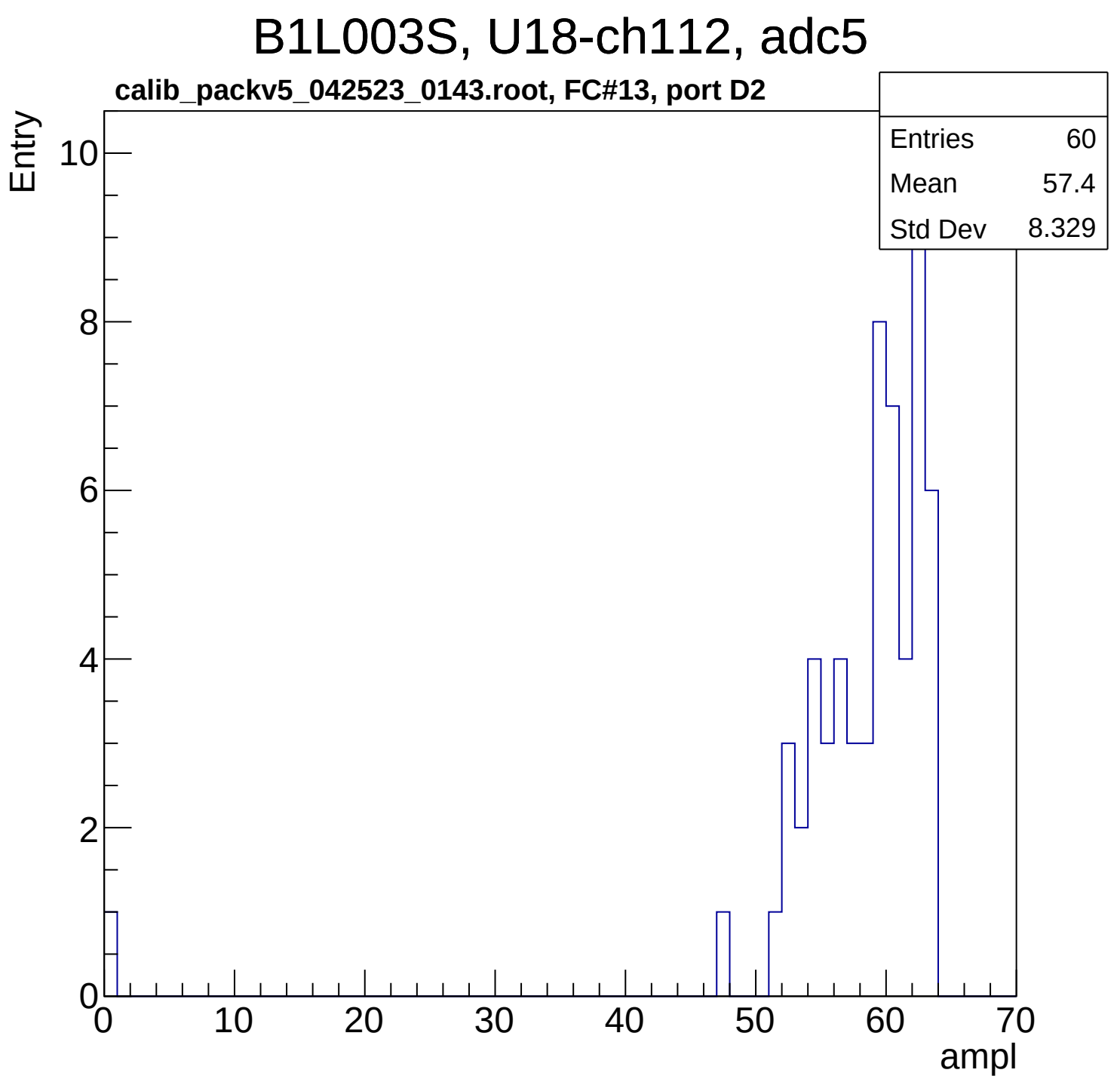

B1L003S, U18-ch112, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 27.04
Std Dev 6.667
Gaus mean : 28.6424
Gaus Width: 3.7625
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

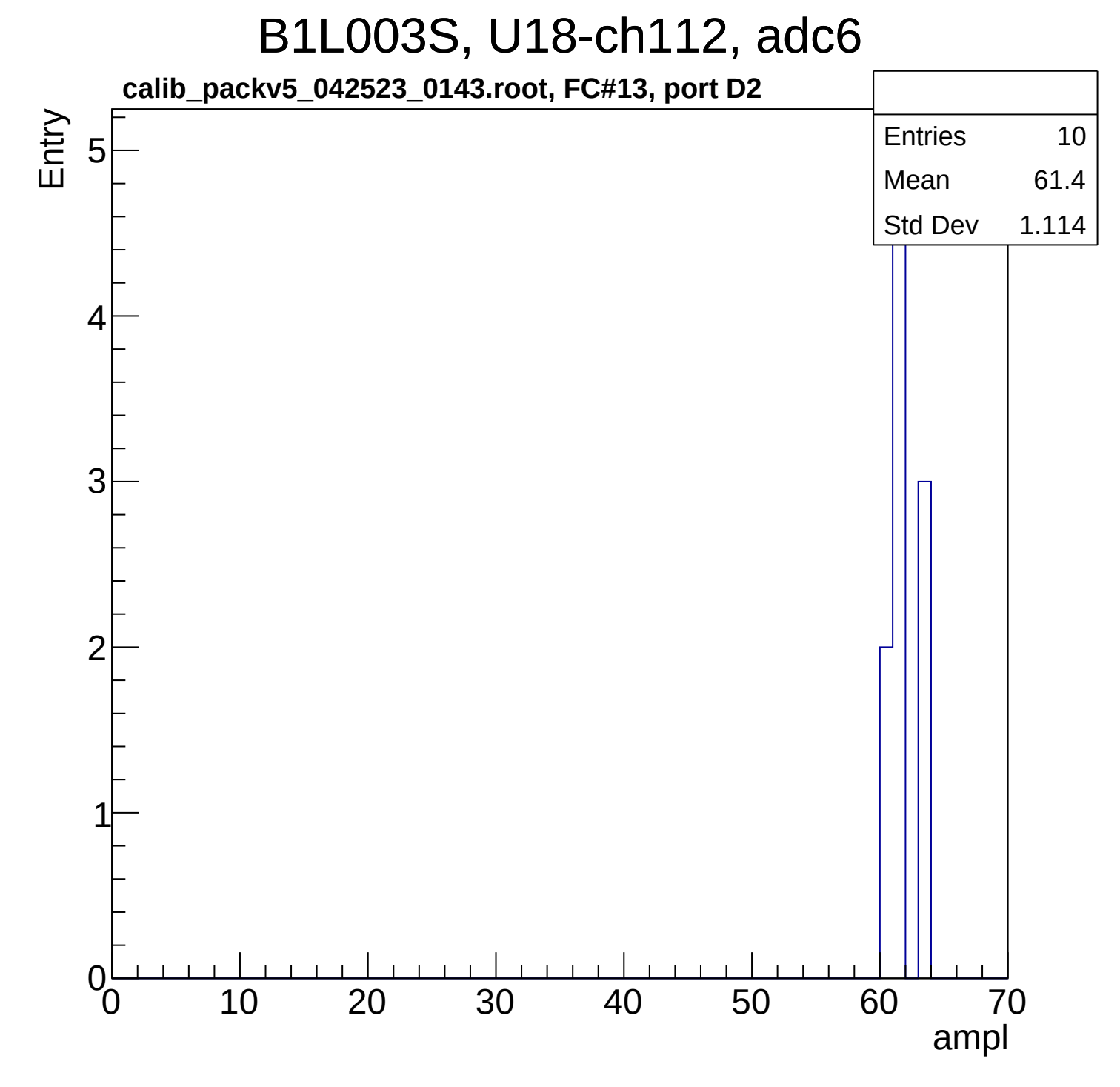

B1L003S, U18-ch112, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 35.43
Std Dev 3.922
Gaus mean : 36.2794
Gaus Width: 3.7184
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

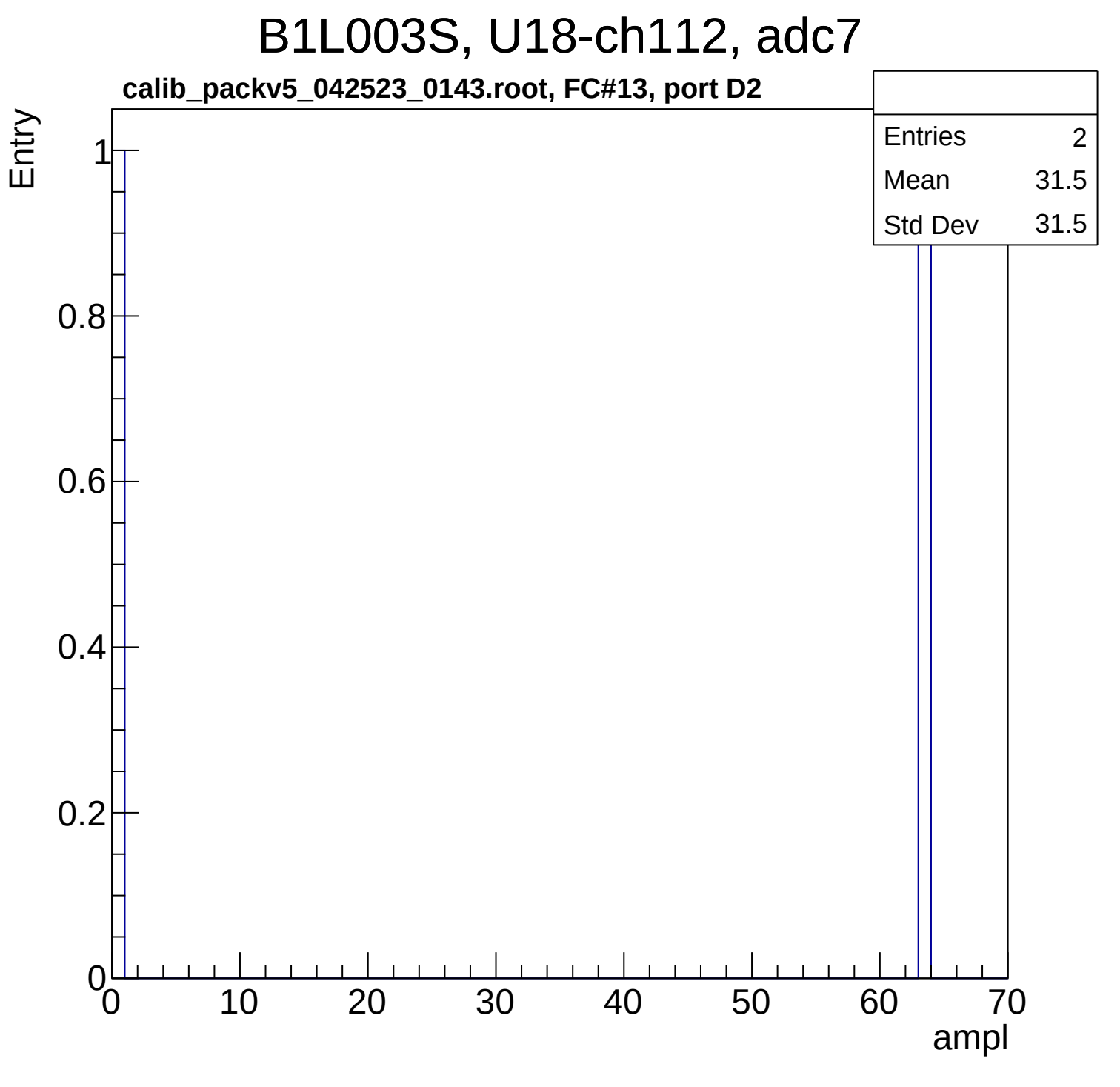

B1L003S, U18-ch112, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 41.53
Std Dev 3.086
Gaus mean : 41.9983
Gaus Width: 3.7085
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

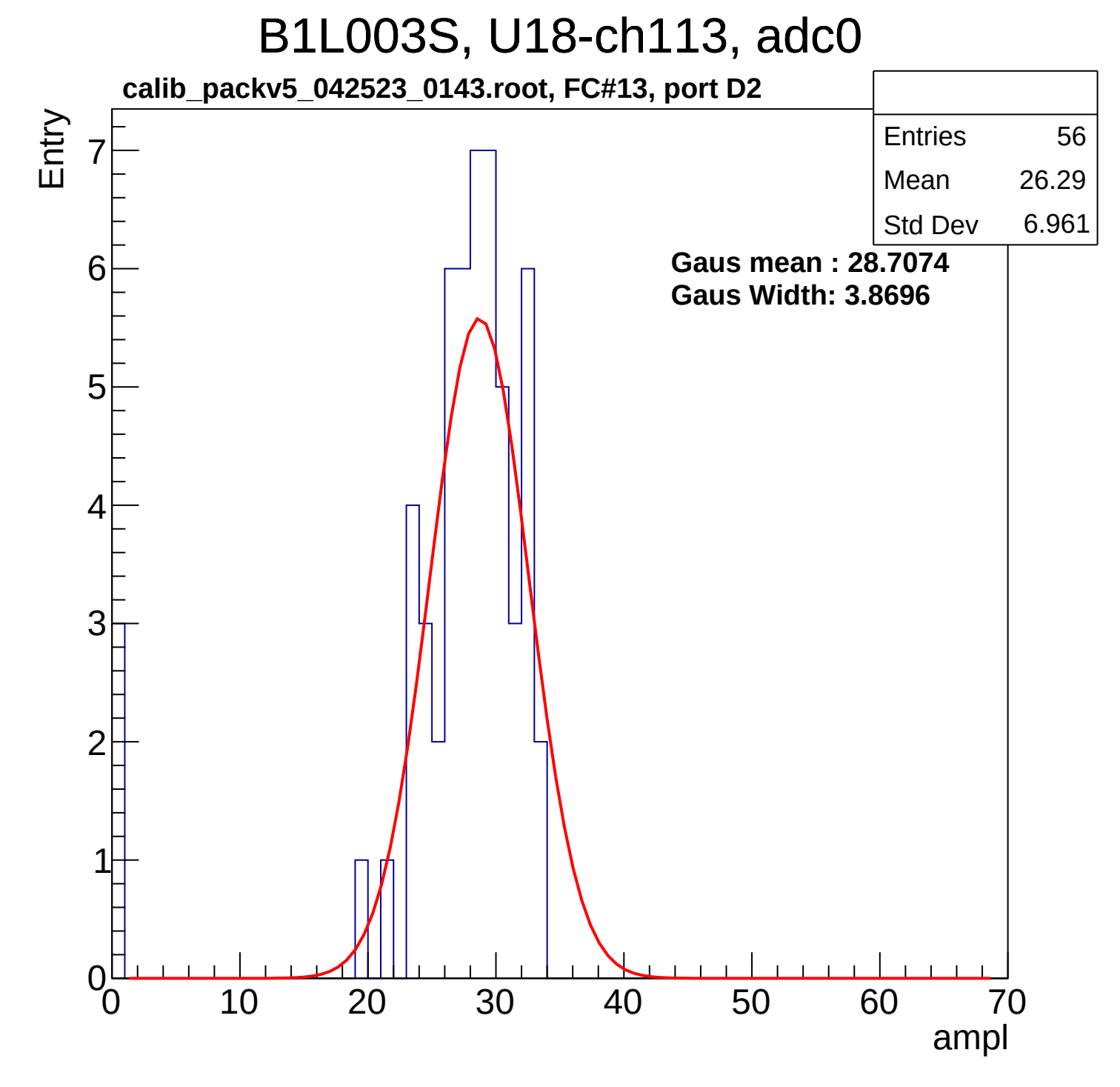

B1L003S, U18-ch112, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 48.02
Std Dev 3.756
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

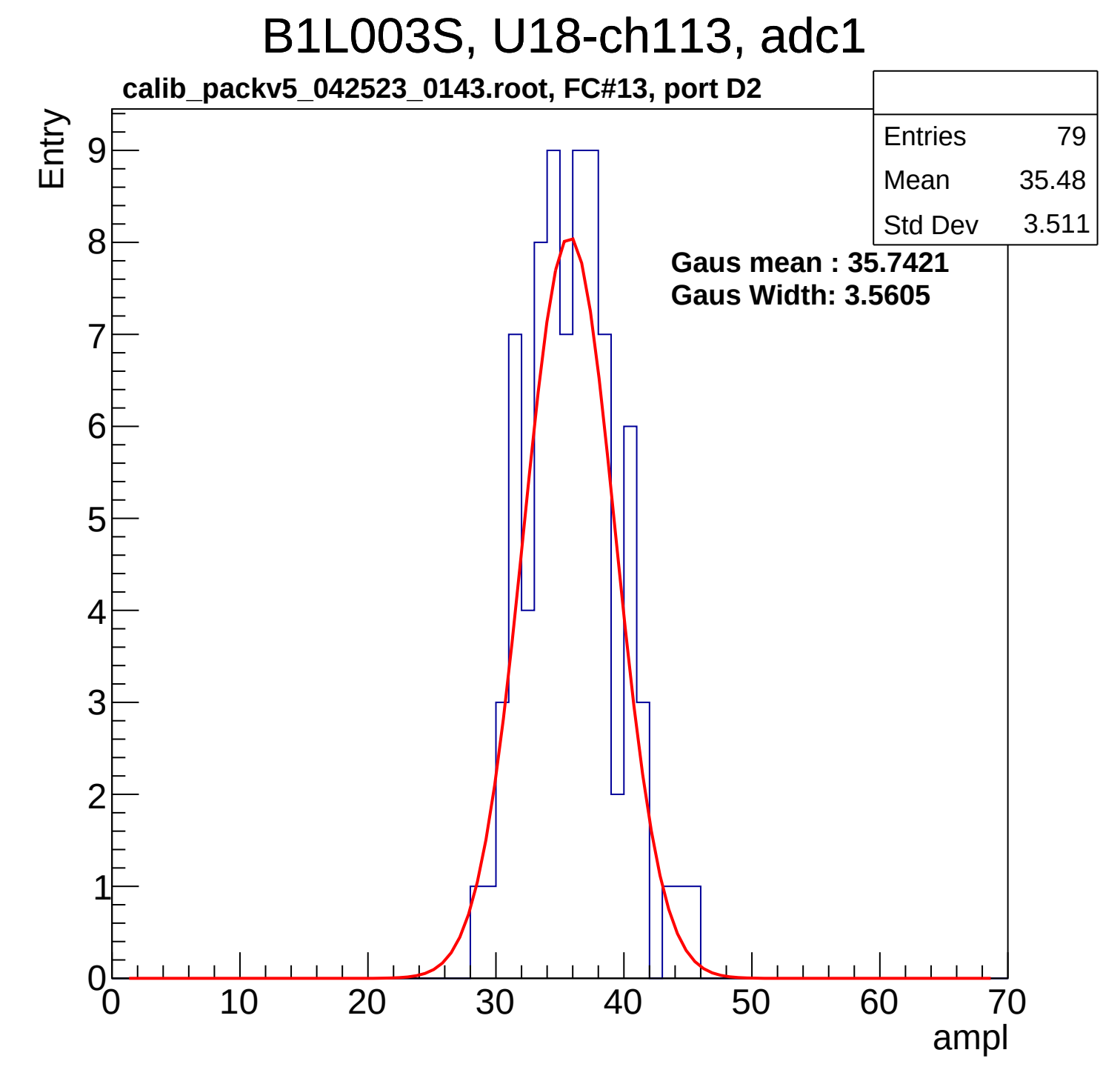

B1L003S, U18-ch112, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 53.84
Std Dev 3.764
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

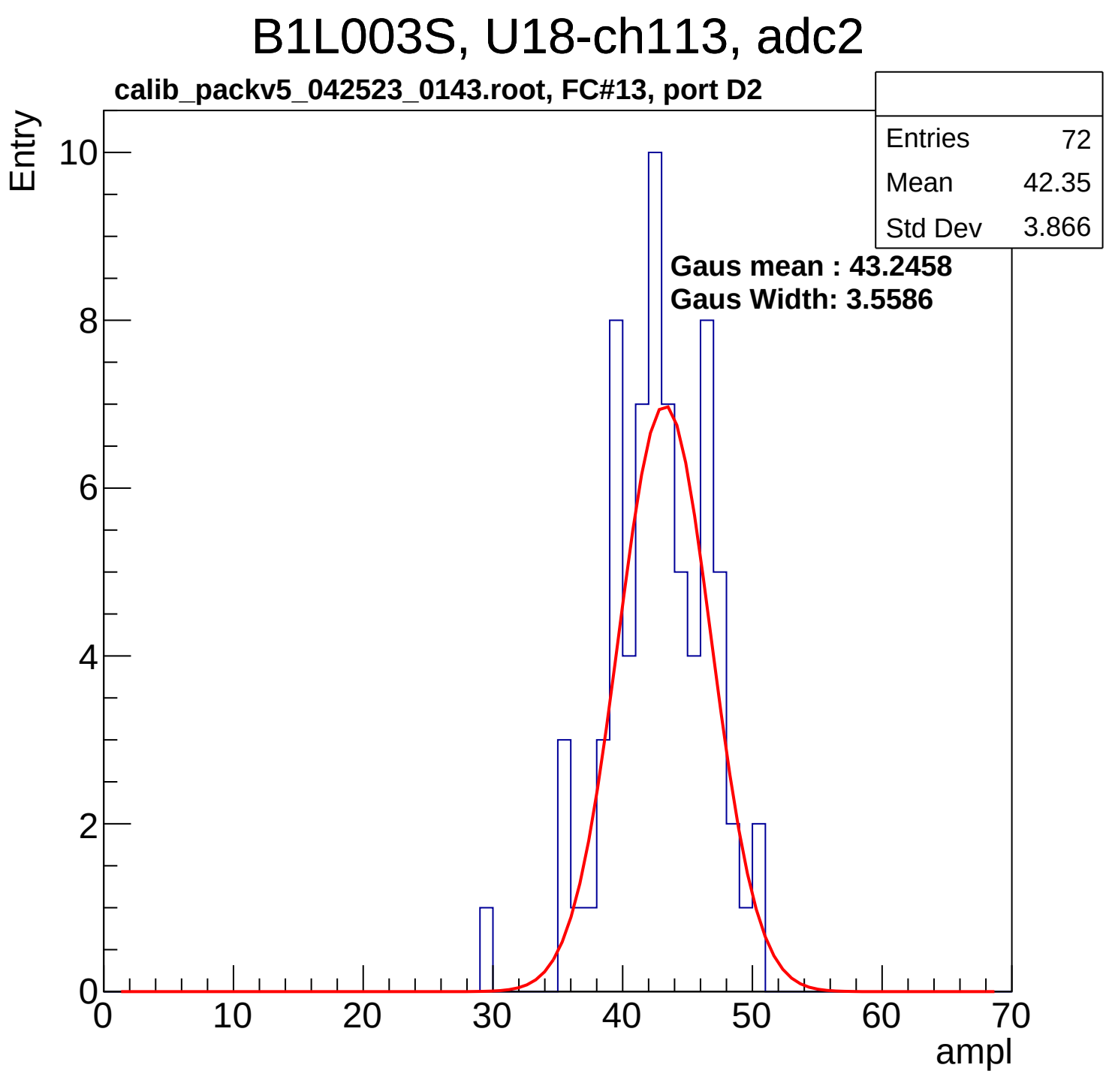

B1L003S, U18-ch112, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 57.4
Std Dev 8.329
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

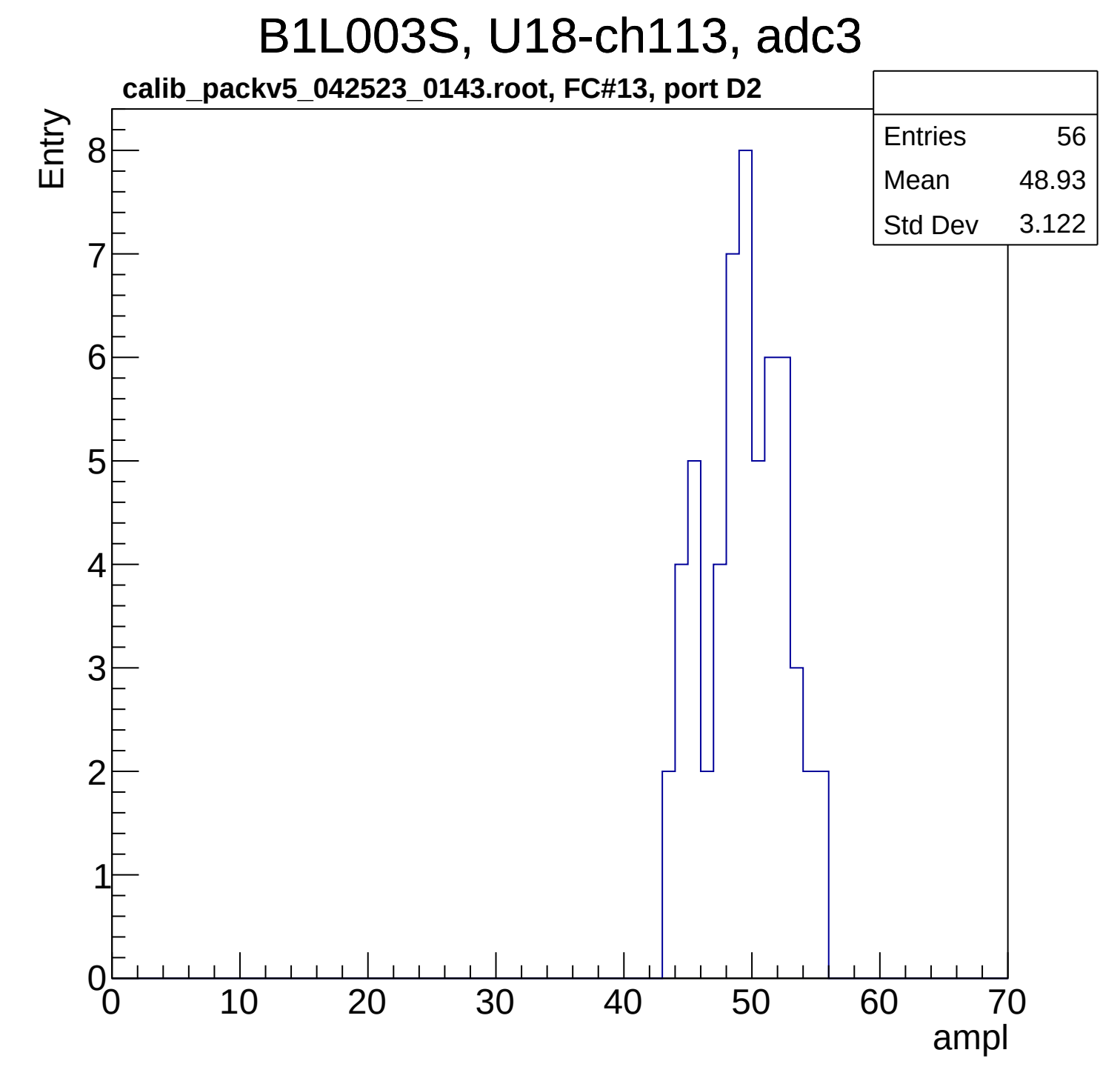

B1L003S, U18-ch112, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 61.4
Std Dev 1.114
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

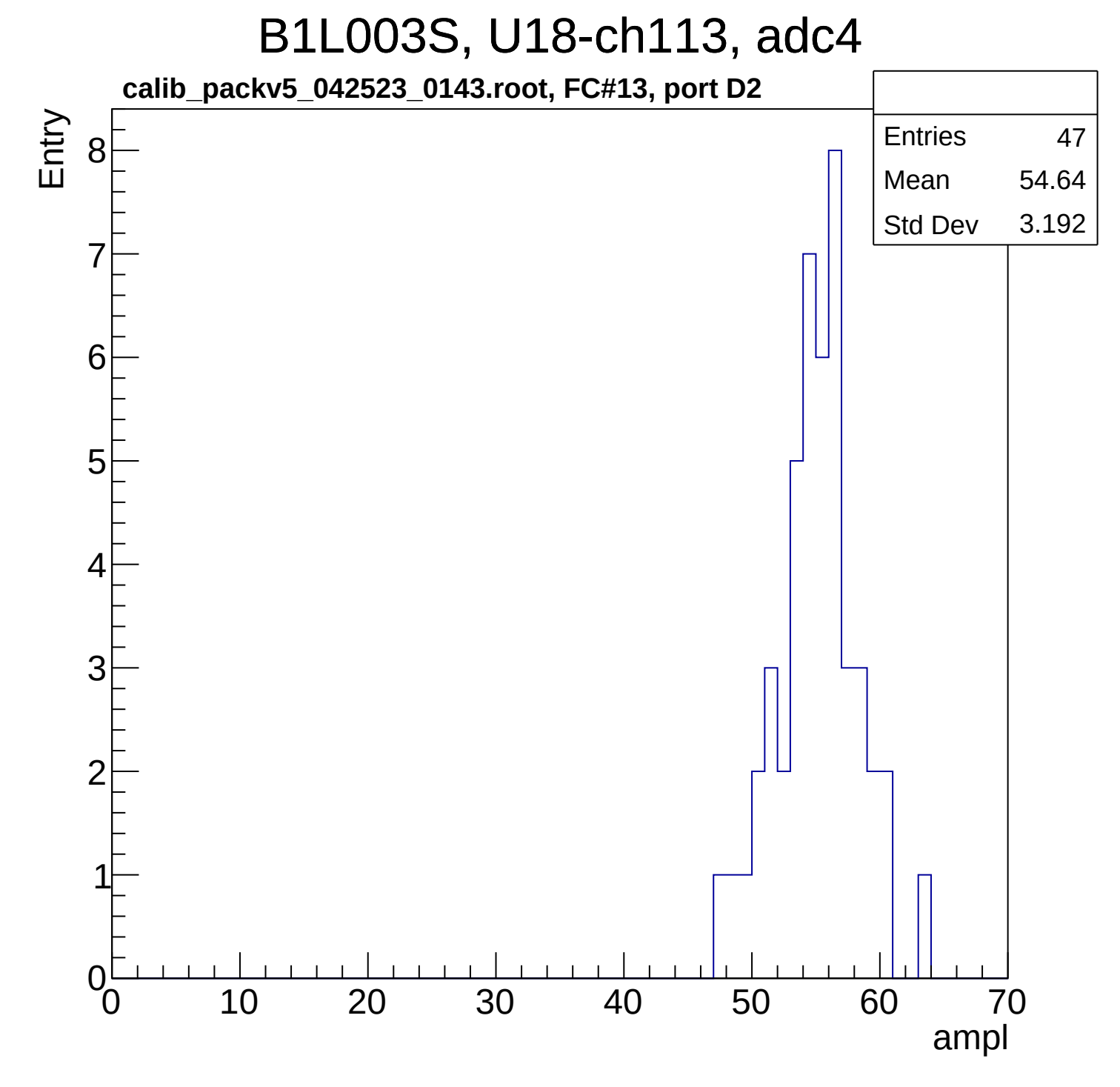

B1L003S, U18-ch112, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

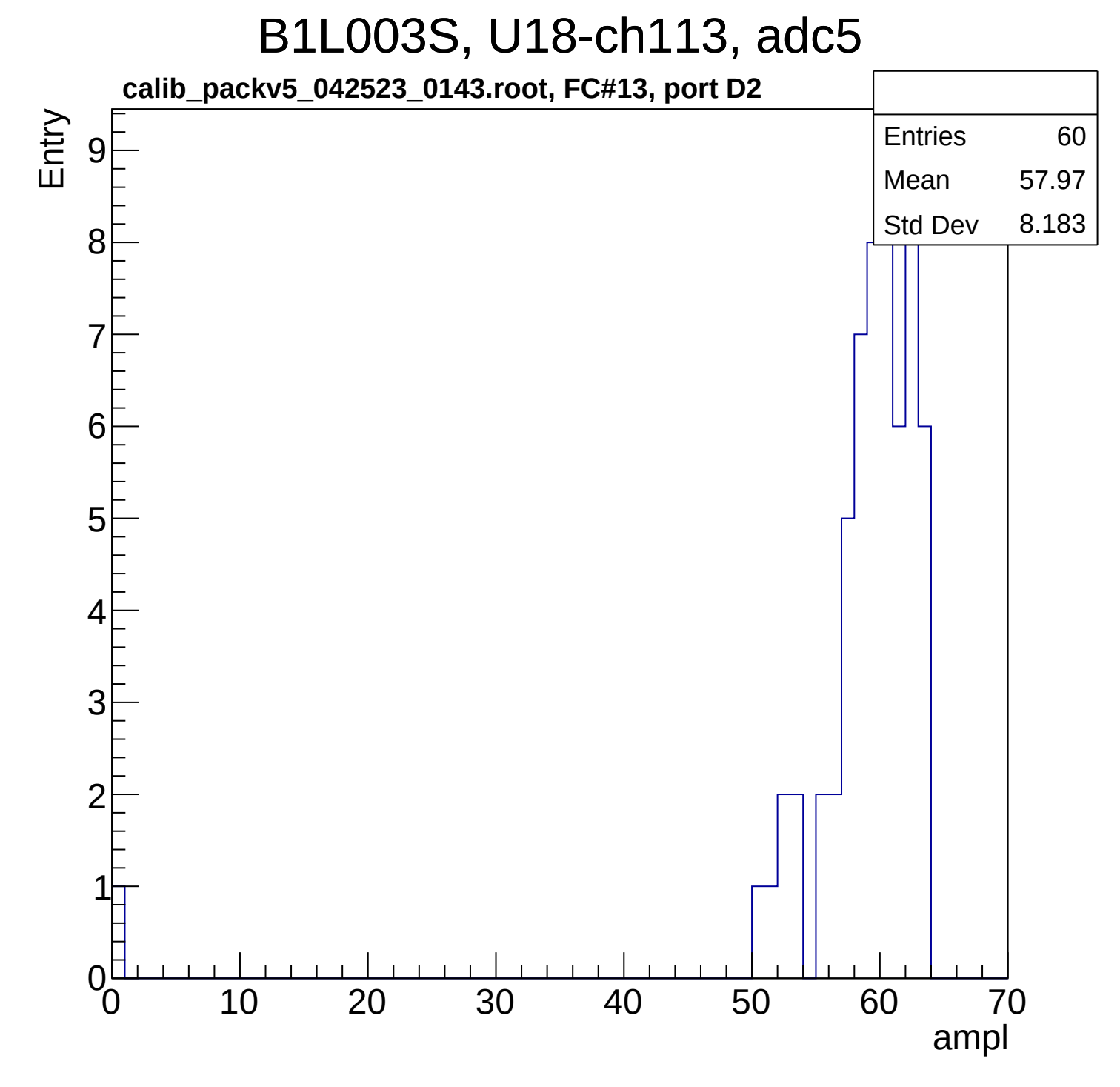

B1L003S, U18-ch113, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 26.29
Std Dev 6.961
Gaus mean : 28.7074
Gaus Width: 3.8696
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

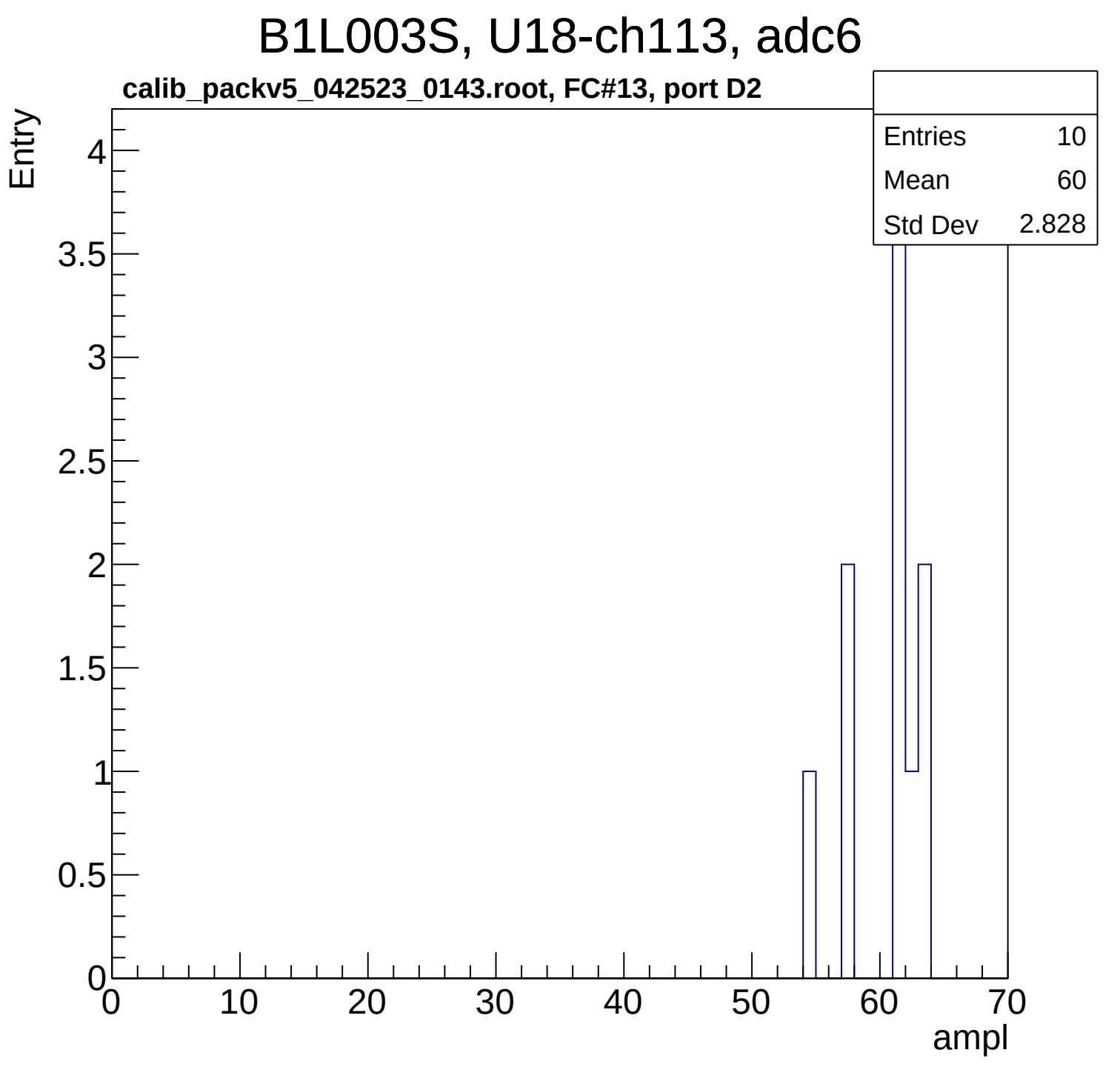

B1L003S, U18-ch113, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 79
Mean 35.48
Std Dev 3.511
Gaus mean : 35.7421
Gaus Width: 3.5605
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

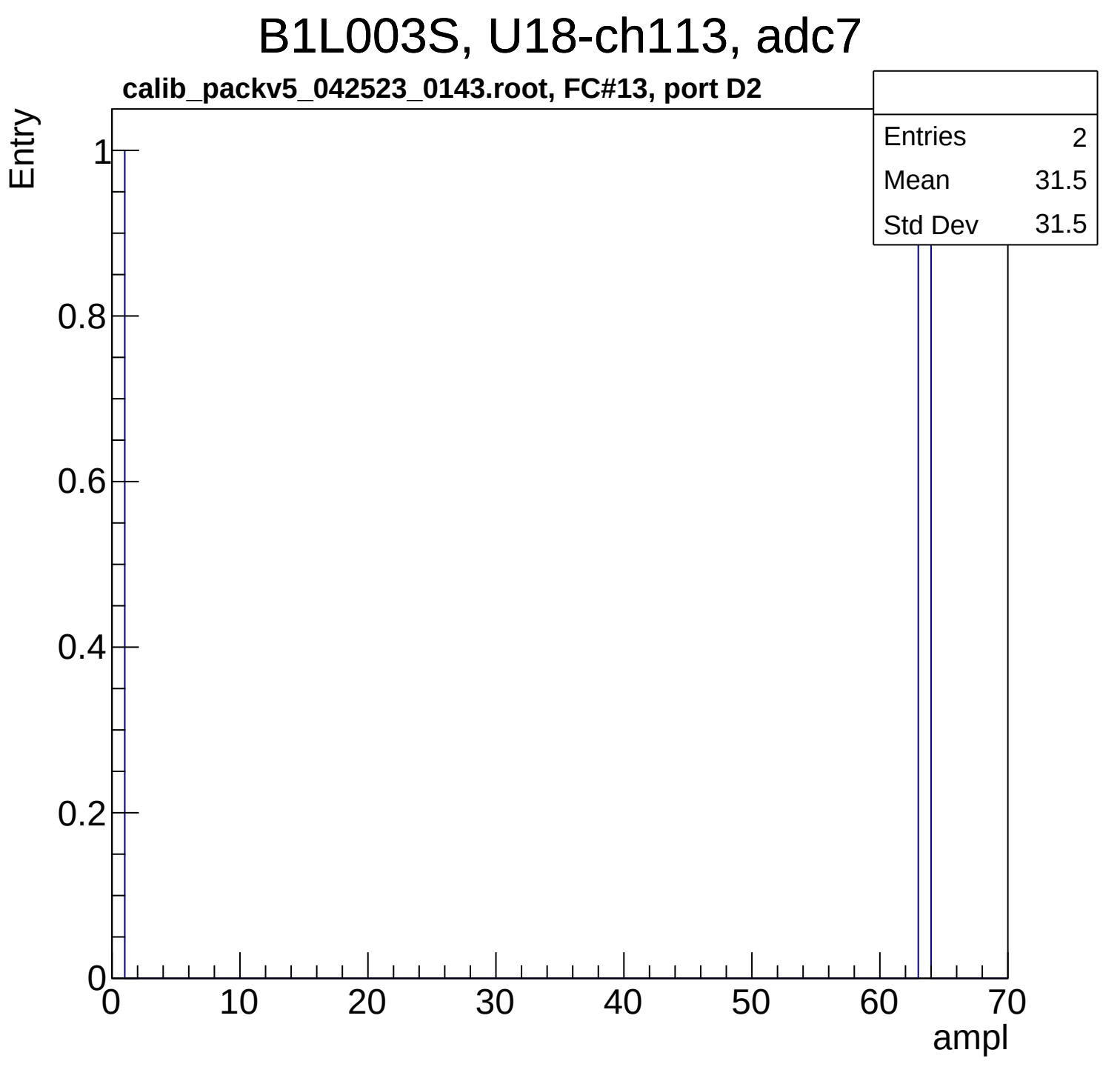

B1L003S, U18-ch113, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 42.35
Std Dev 3.866
Gaus mean : 43.2458
Gaus Width: 3.5586
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

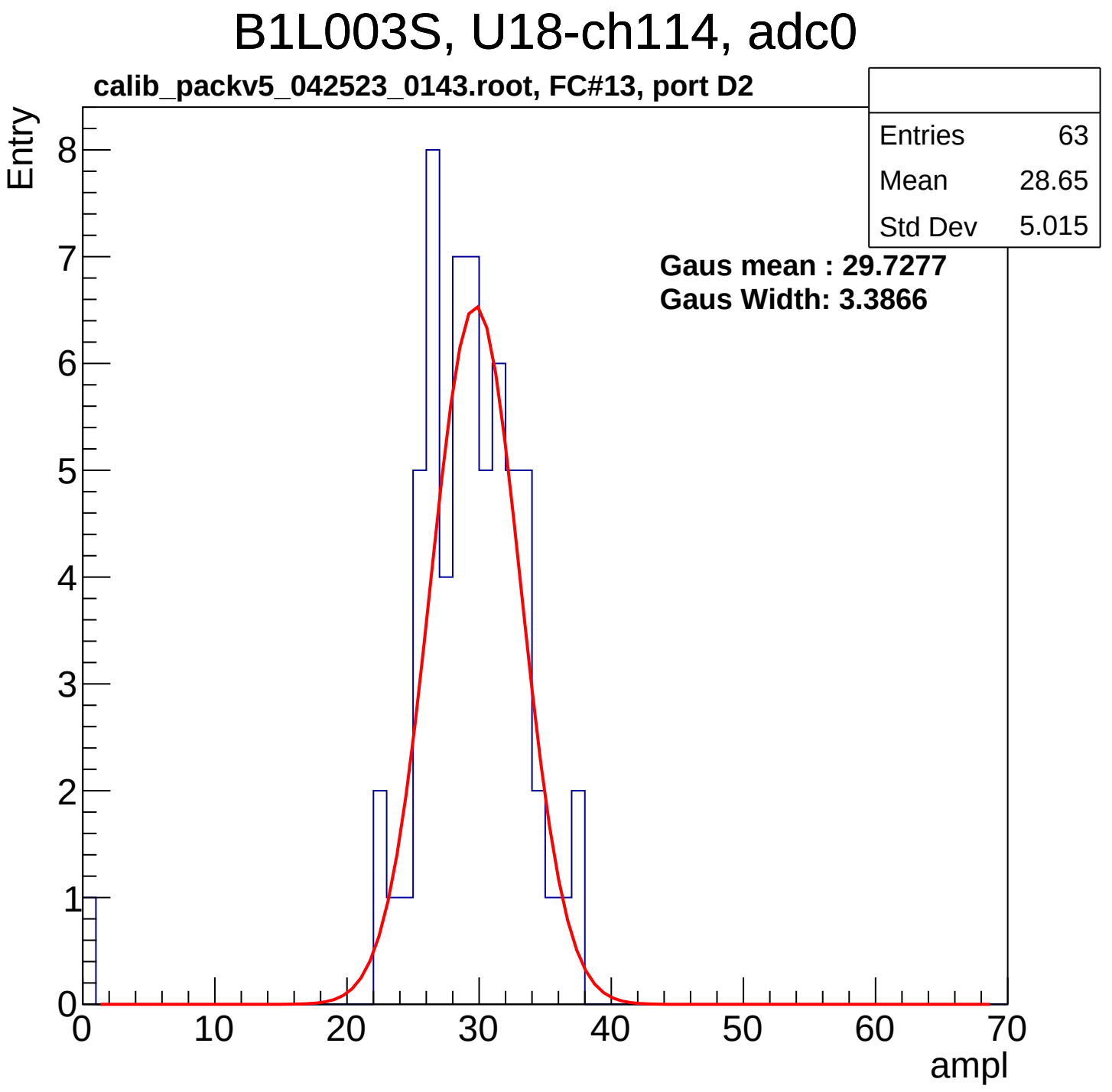

B1L003S, U18-ch113, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 48.93
Std Dev 3.122
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

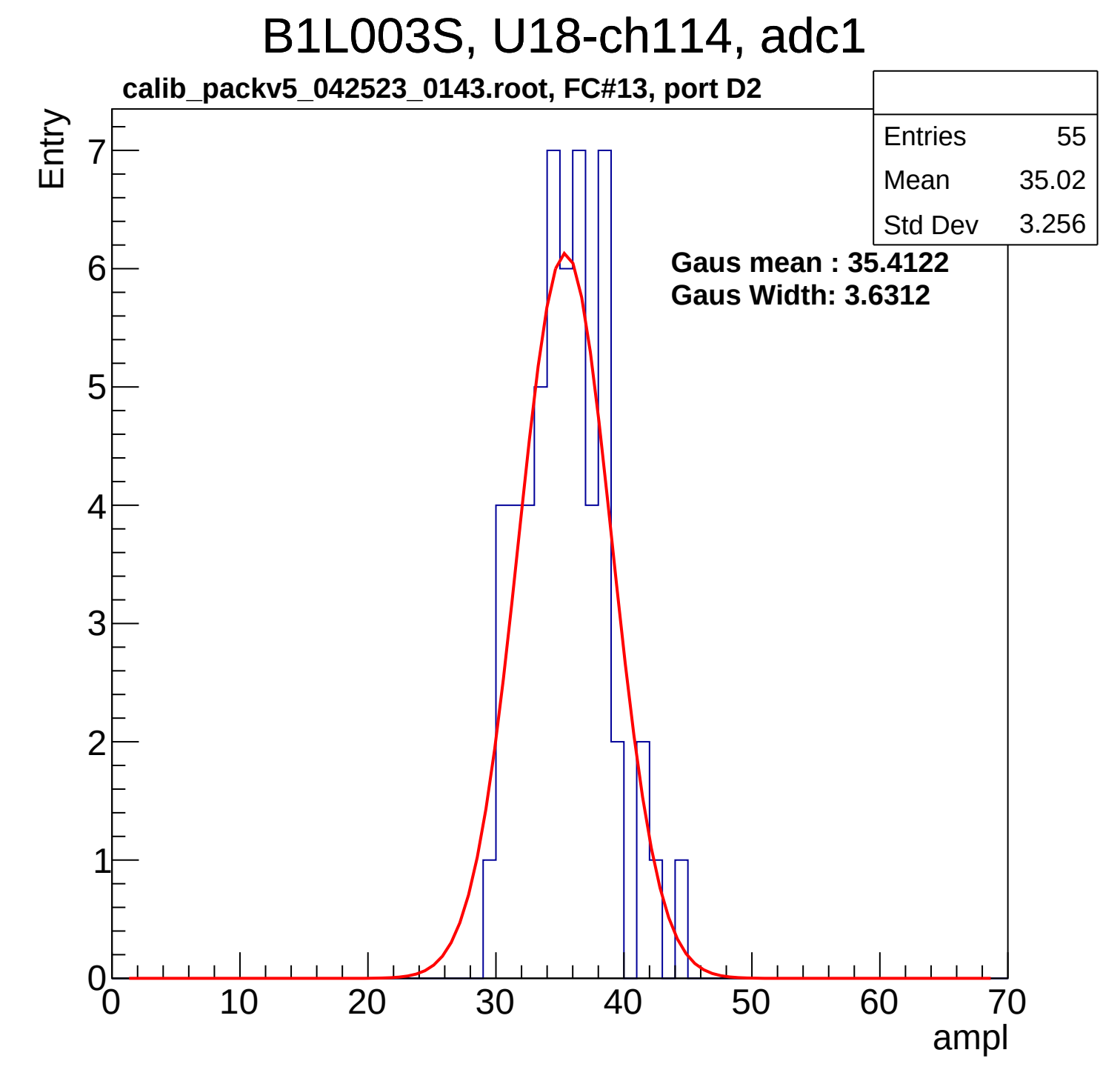

B1L003S, U18-ch113, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 54.64
Std Dev 3.192
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

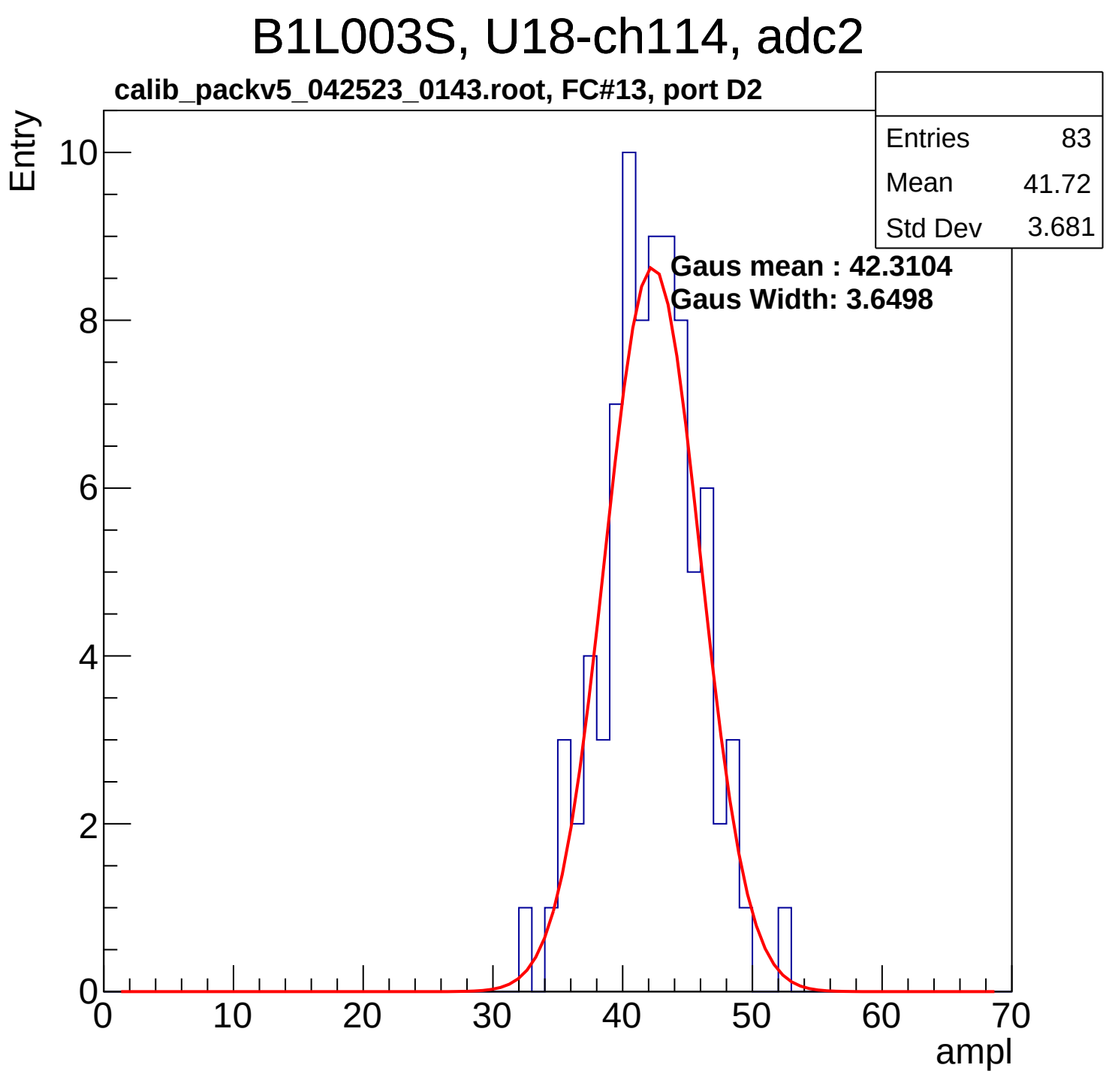

B1L003S, U18-ch113, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 57.97
Std Dev 8.183
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

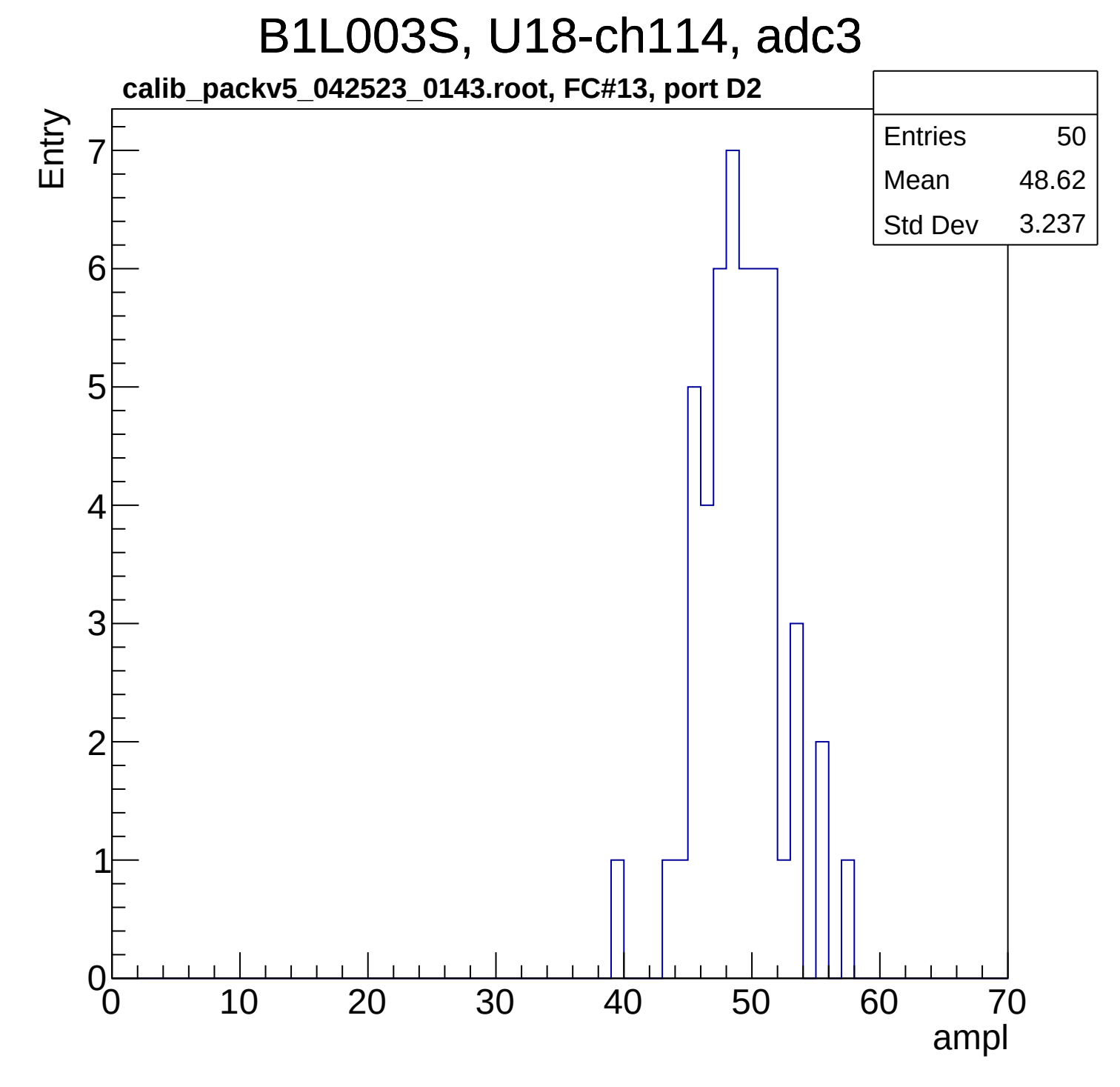

B1L003S, U18-ch113, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 60
Std Dev 2.828
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

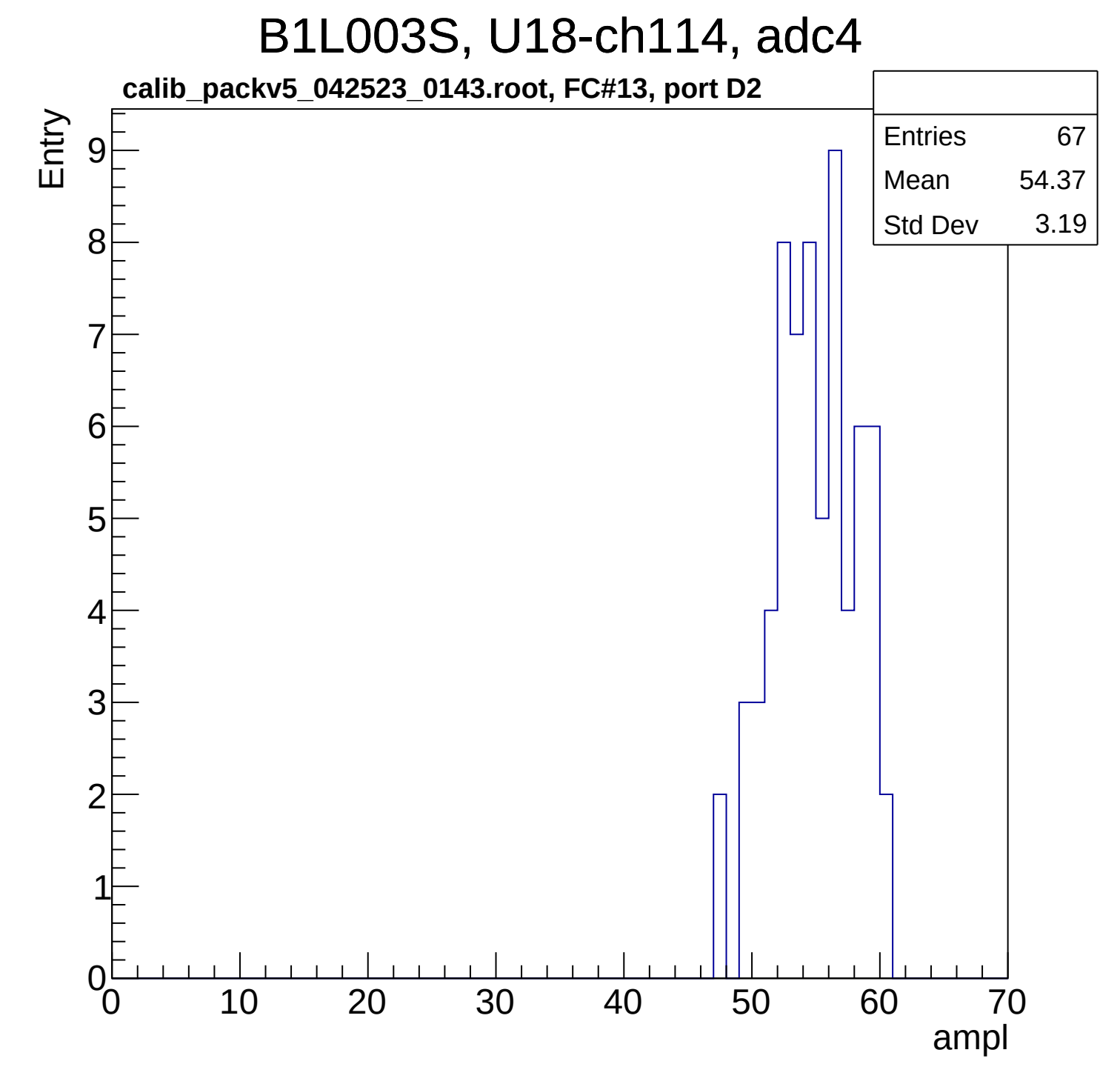

B1L003S, U18-ch113, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

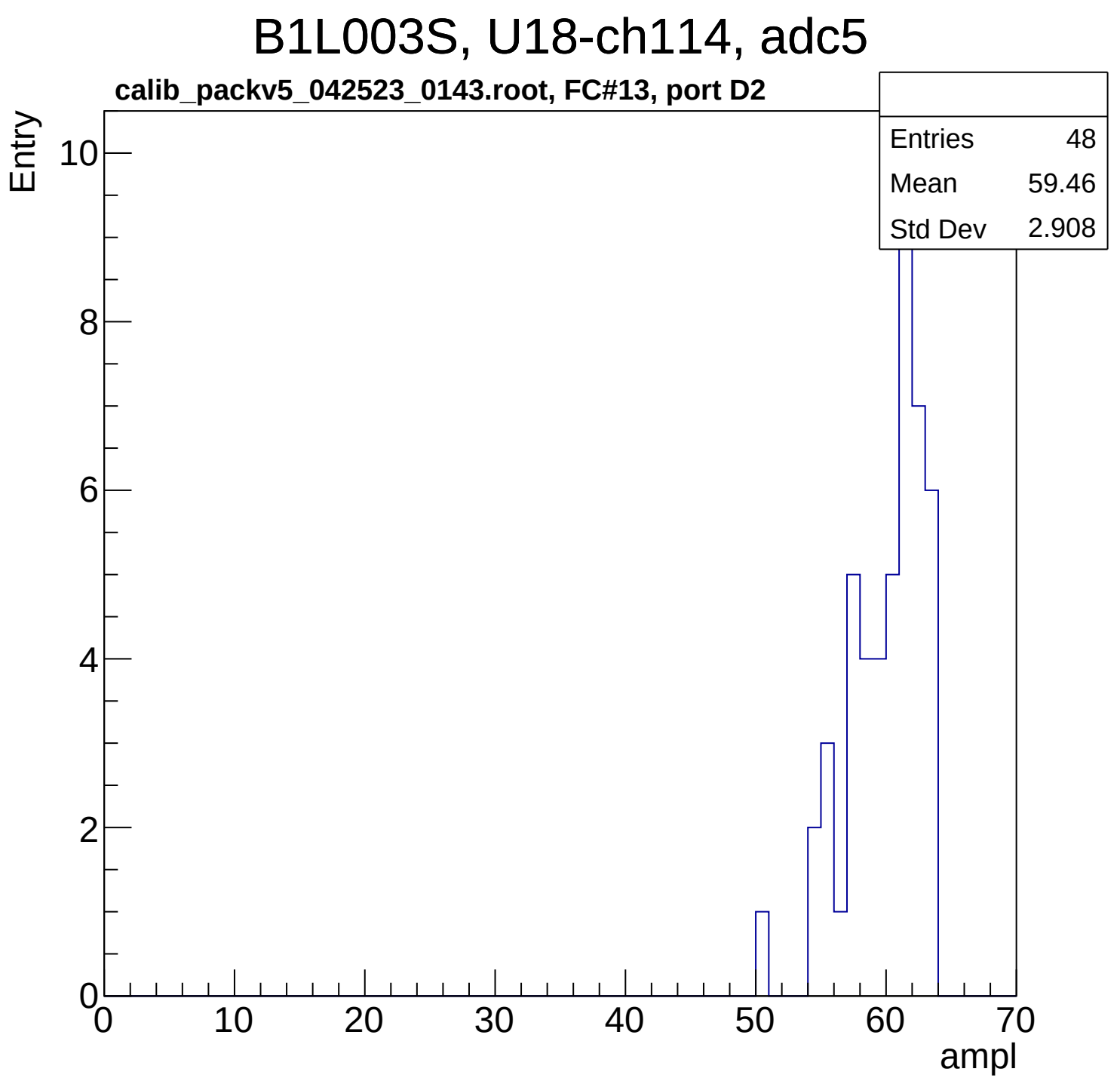

B1L003S, U18-ch114, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 28.65
Std Dev 5.015
Gaus mean : 29.7277
Gaus Width: 3.3866
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

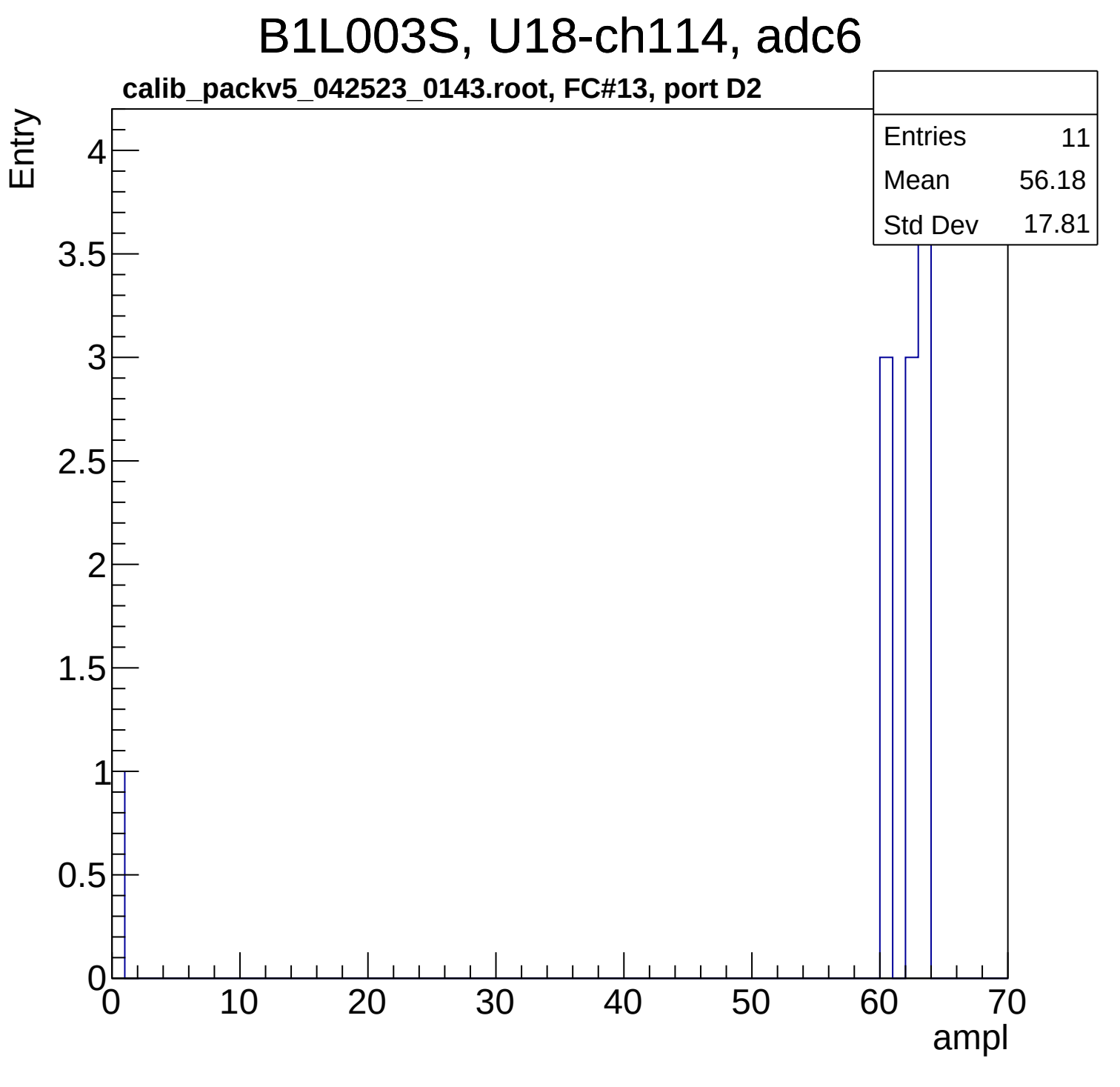

B1L003S, U18-ch114, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 35.02
Std Dev 3.256
Gaus mean : 35.4122
Gaus Width: 3.6312
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

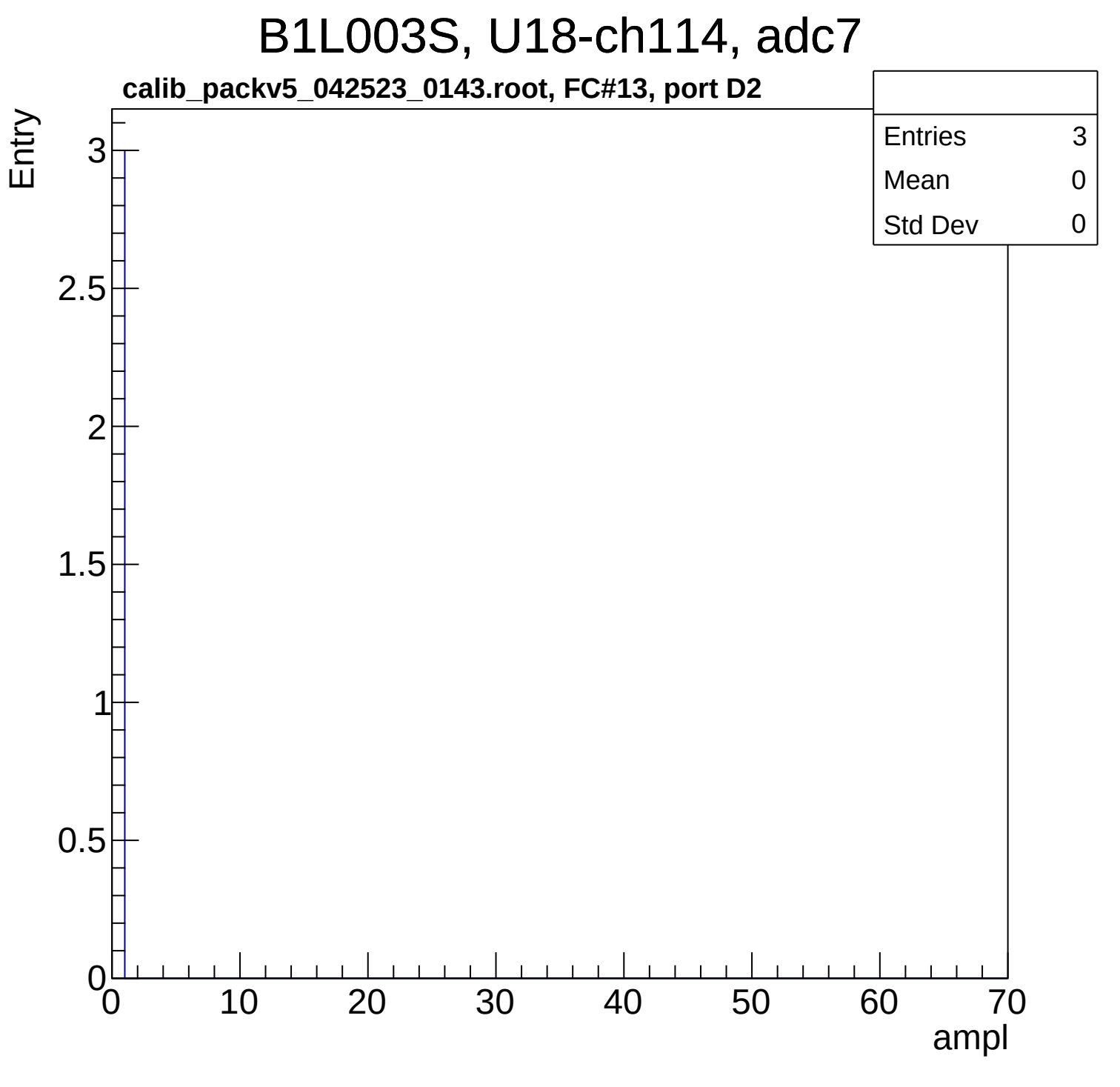

B1L003S, U18-ch114, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 83
Mean 41.72
Std Dev 3.681
Gaus mean : 42.3104
Gaus Width: 3.6498
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

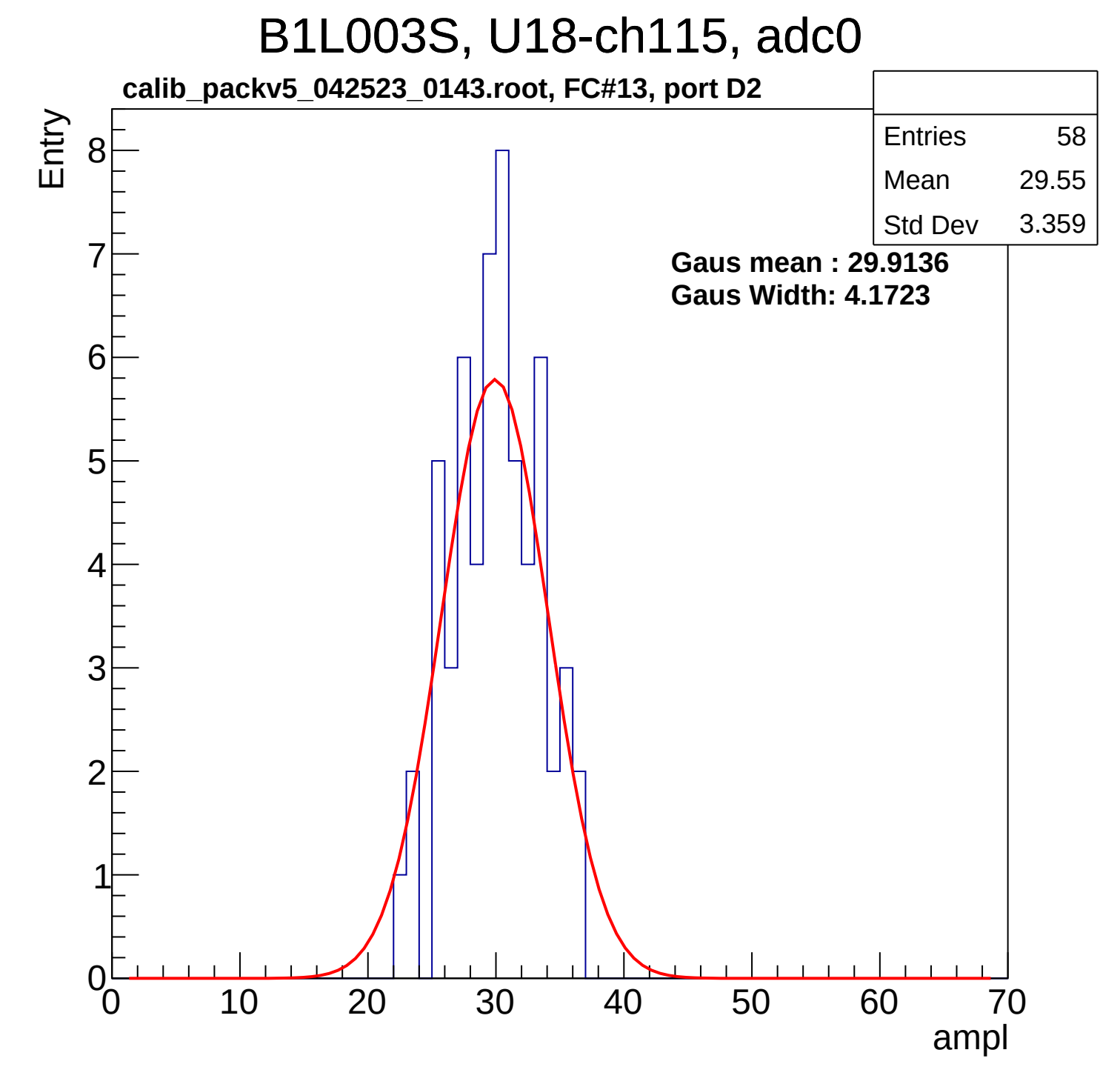

B1L003S, U18-ch114, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 48.62
Std Dev 3.237
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

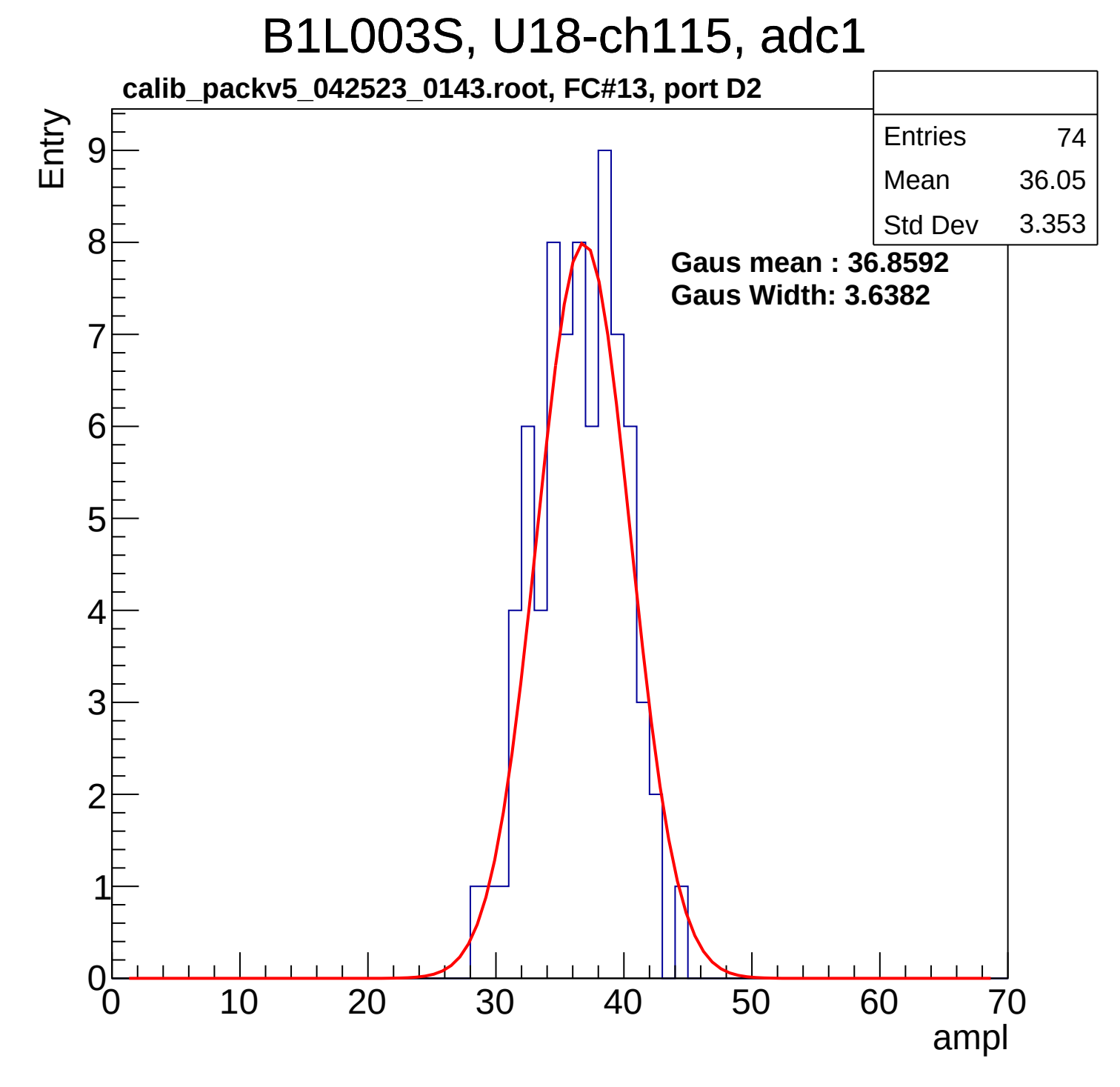

B1L003S, U18-ch114, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 54.37
Std Dev 3.19
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

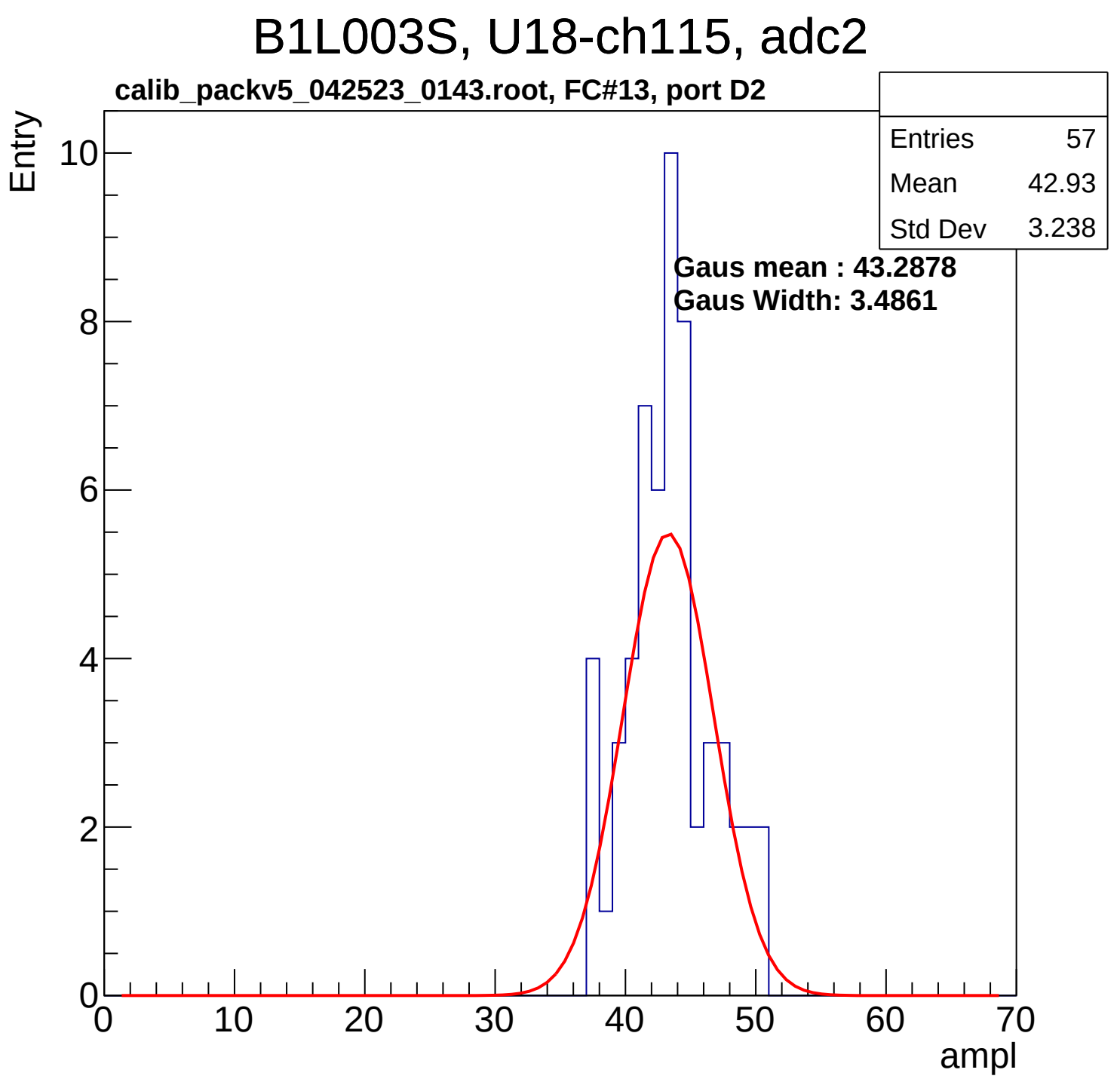

B1L003S, U18-ch114, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 48
Mean 59.46
Std Dev 2.908
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

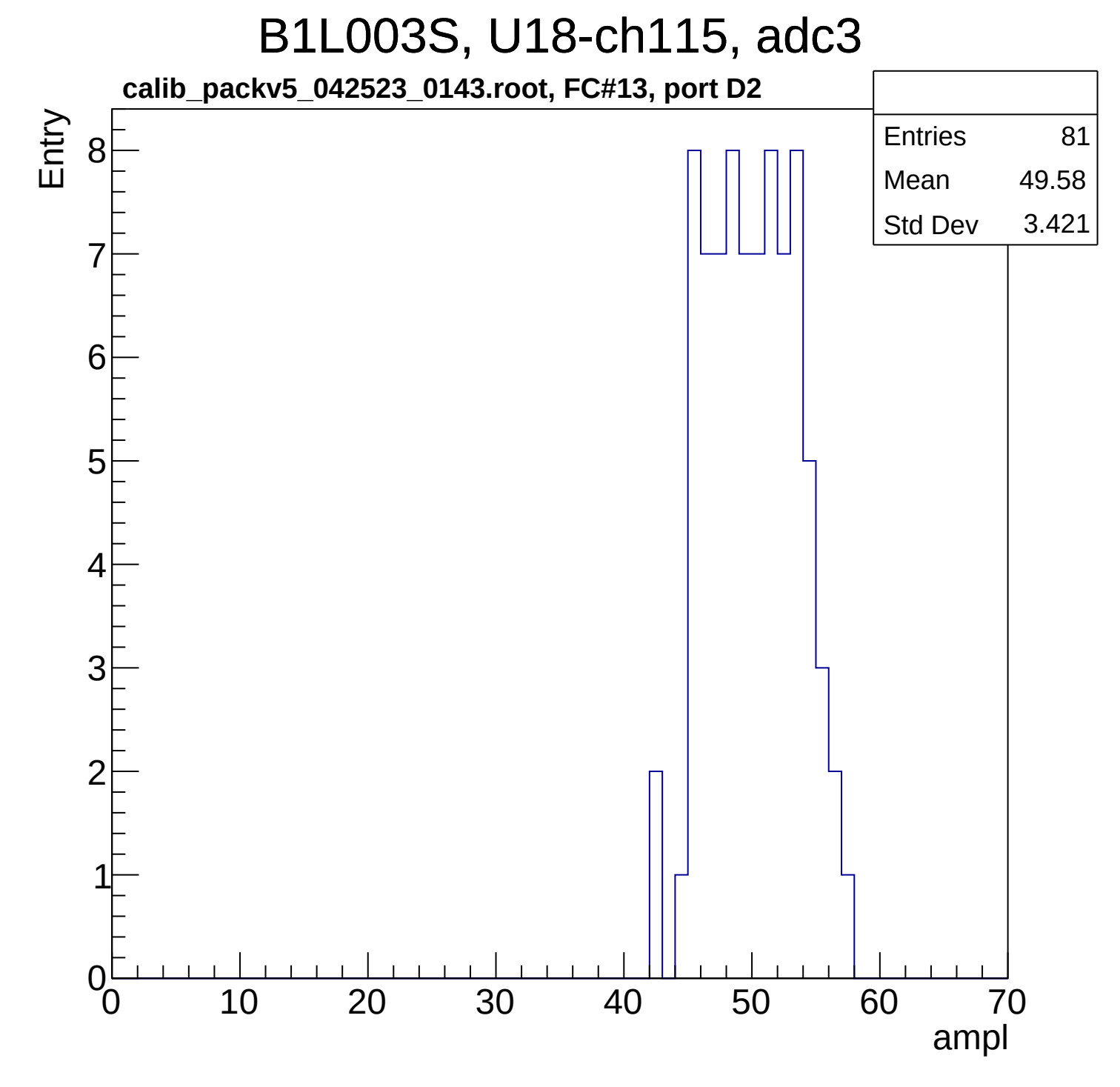

B1L003S, U18-ch114, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 11
Mean 56.18
Std Dev 17.81
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

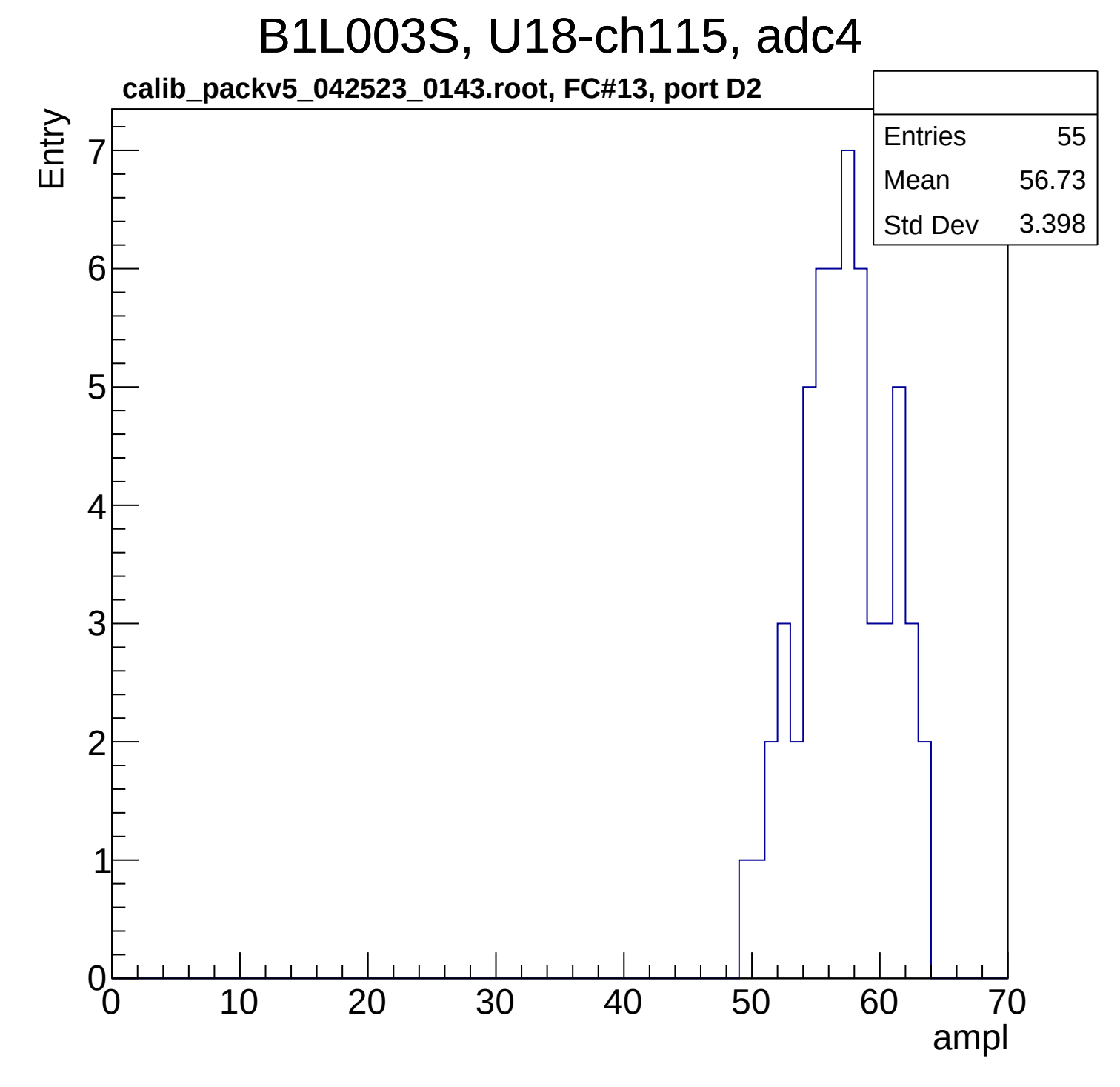

B1L003S, U18-ch114, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl

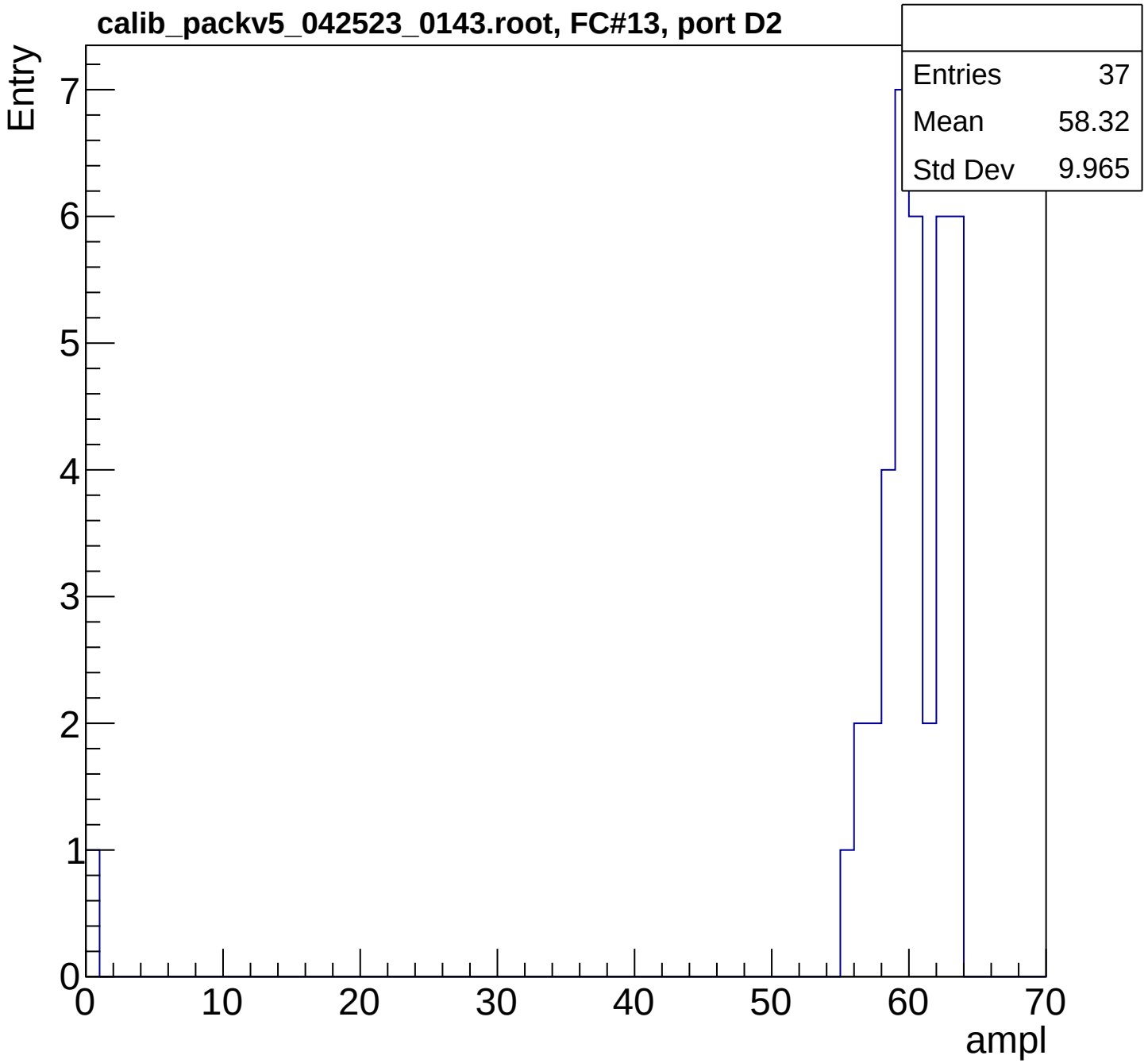

B1L003S, U18-ch115, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 29.55
Std Dev 3.359
Gaus mean : 29.9136
Gaus Width: 4.1723
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

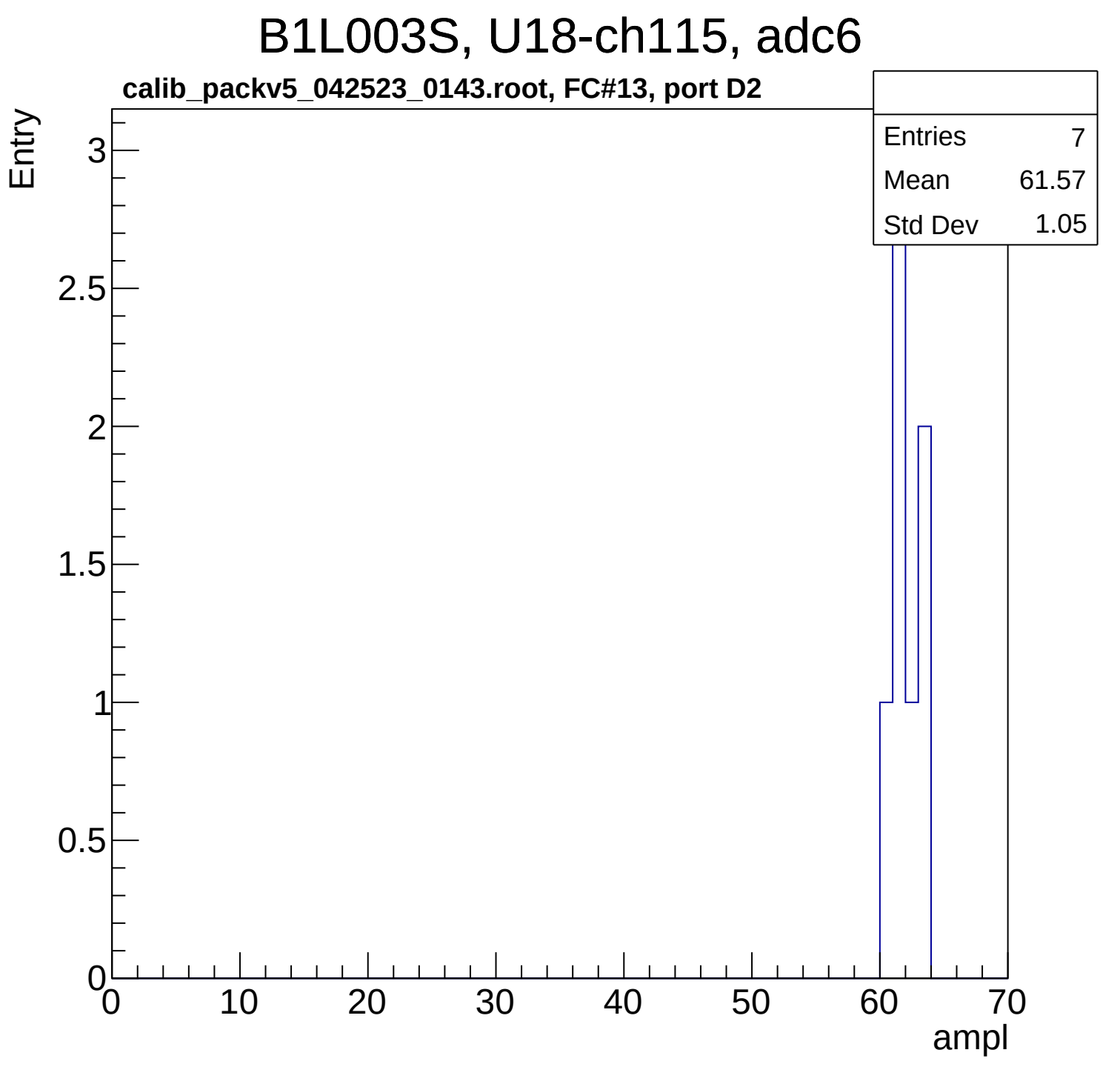

B1L003S, U18-ch115, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 74
Mean 36.05
Std Dev 3.353
Gaus mean : 36.8592
Gaus Width: 3.6382
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

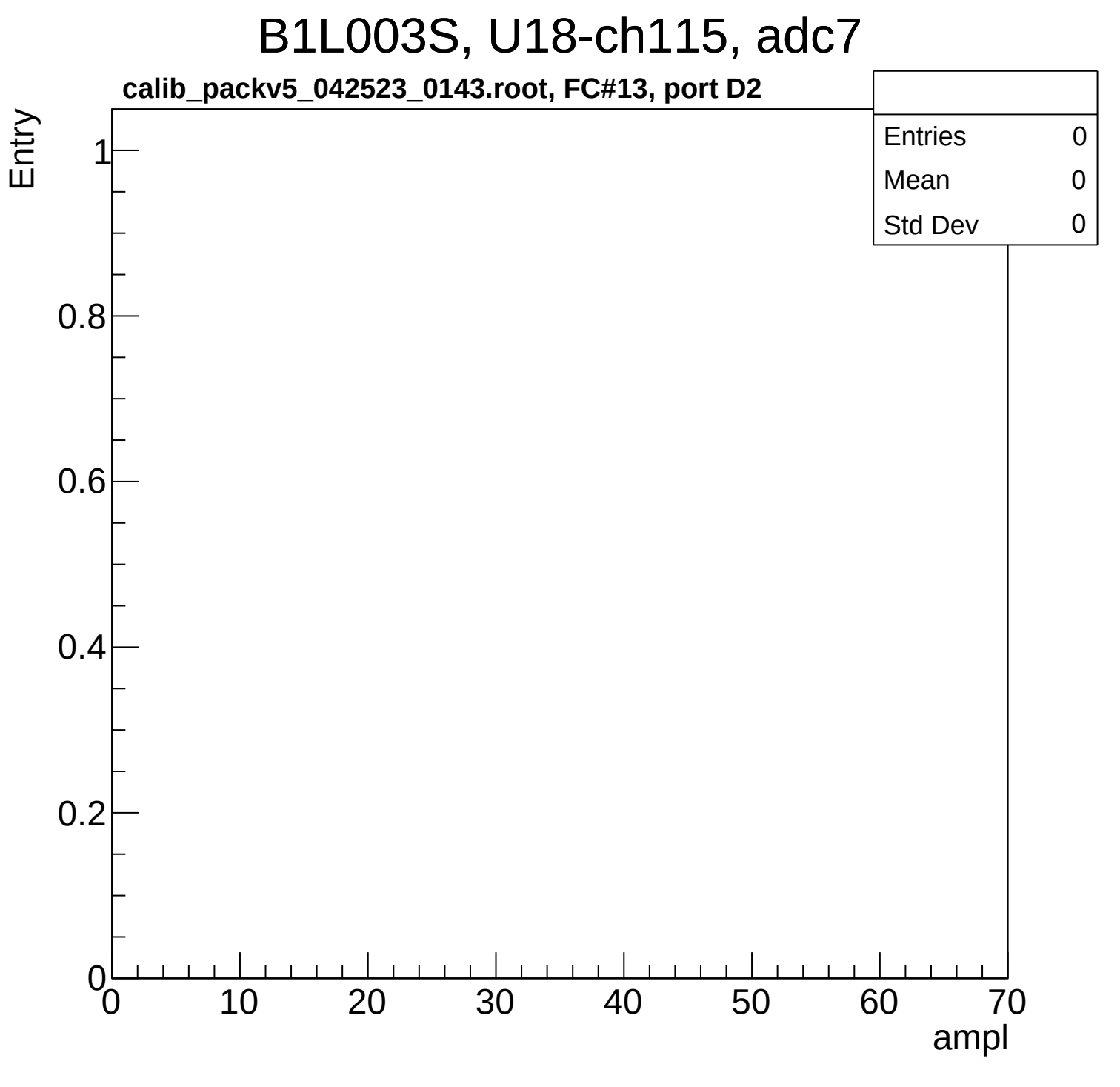

B1L003S, U18-ch115, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 42.93
Std Dev 3.238
Gaus mean : 43.2878
Gaus Width: 3.4861
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

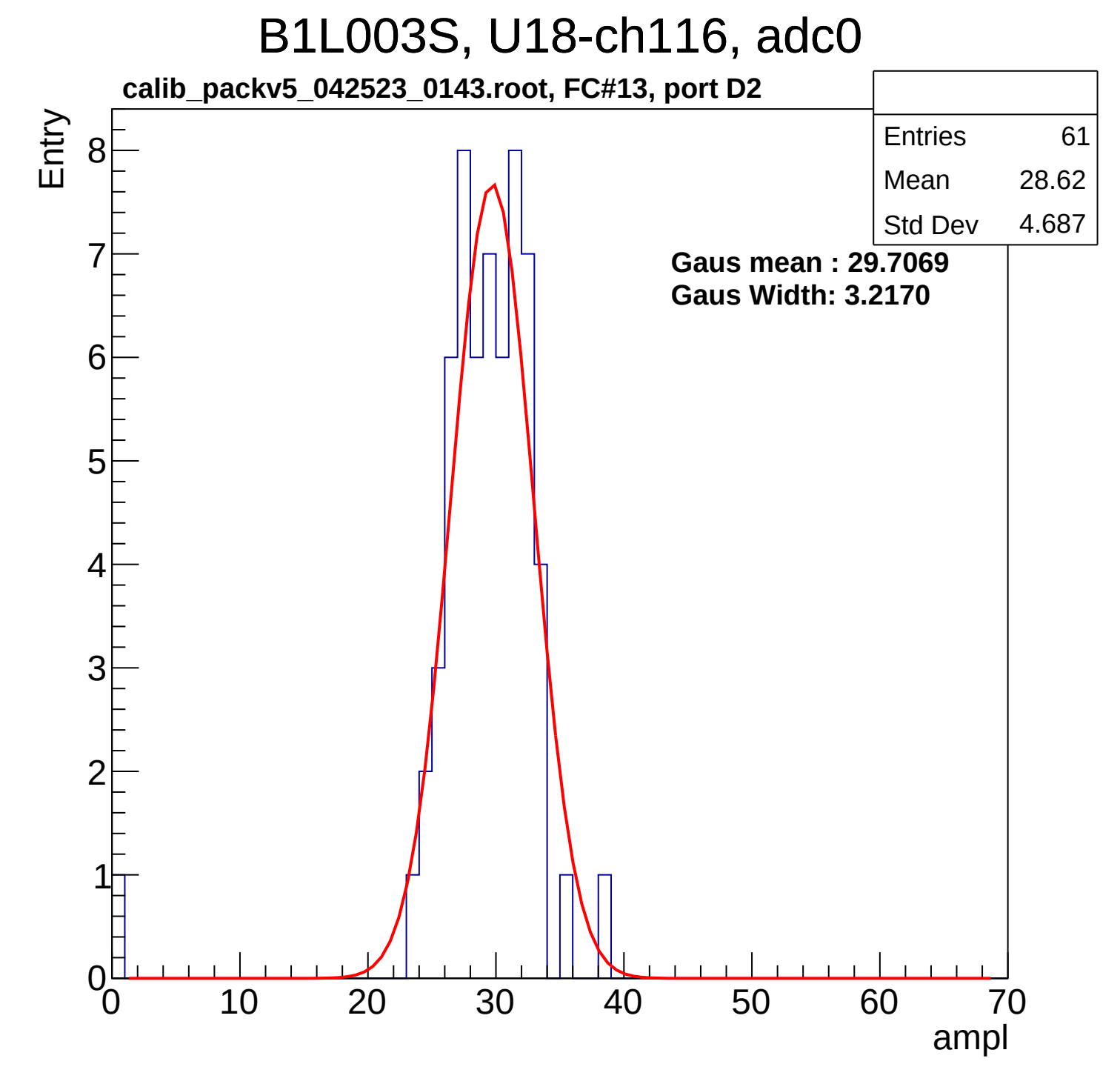

B1L003S, U18-ch115, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 81
Mean 49.58
Std Dev 3.421
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

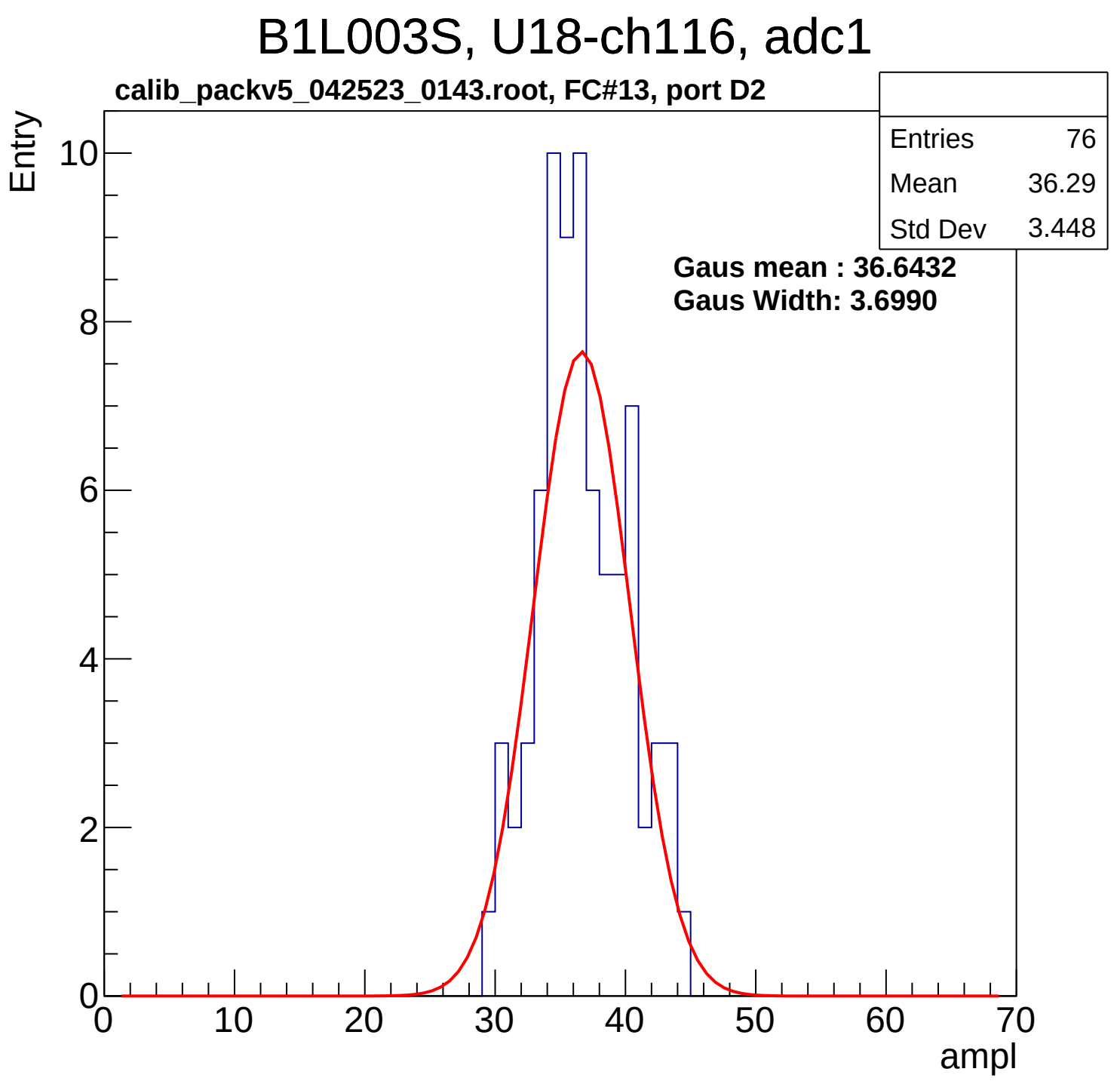

B1L003S, U18-ch115, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 56.73
Std Dev 3.398
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

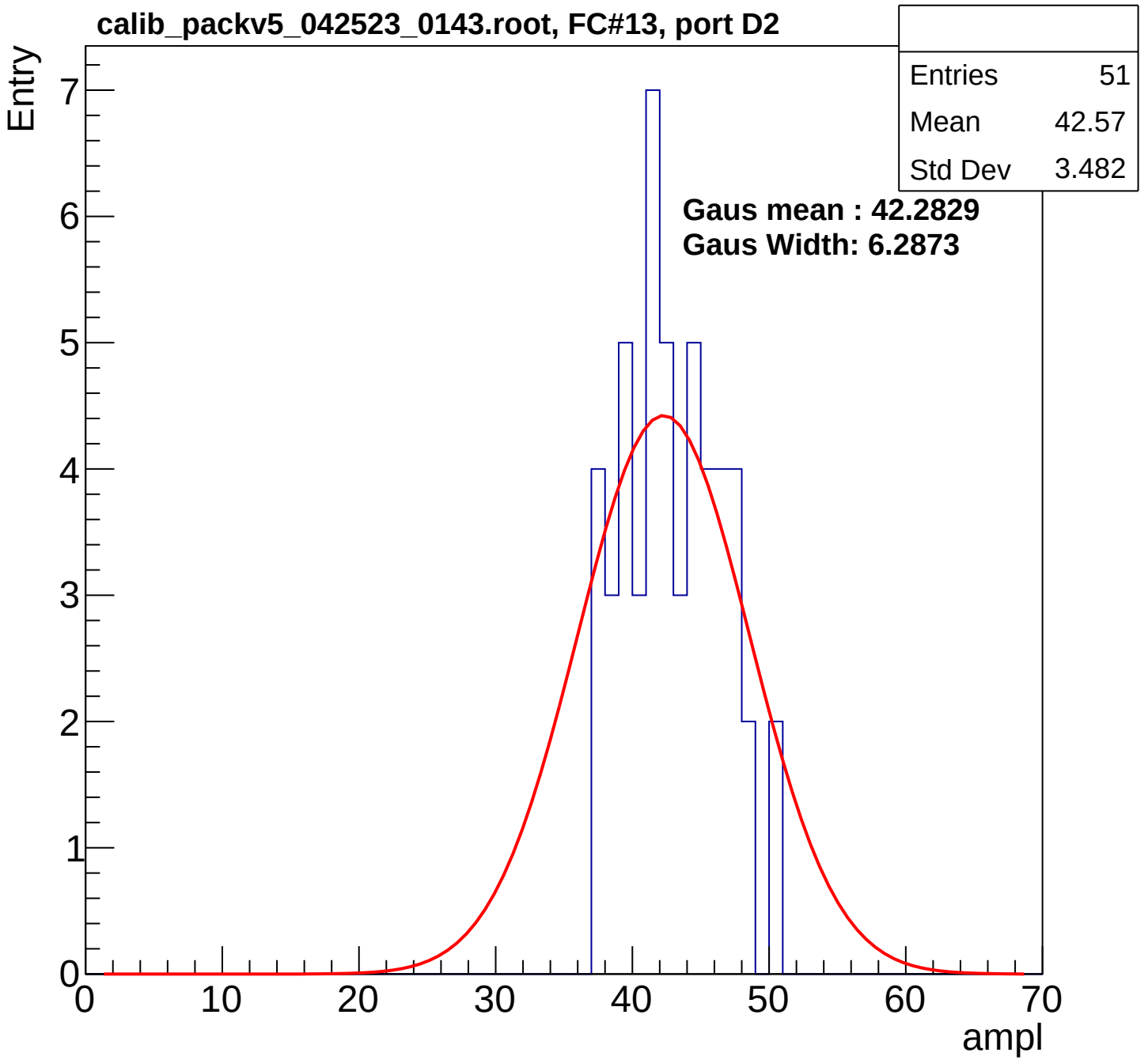

B1L003S, U18-ch115, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 58.32
Std Dev 9.965
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

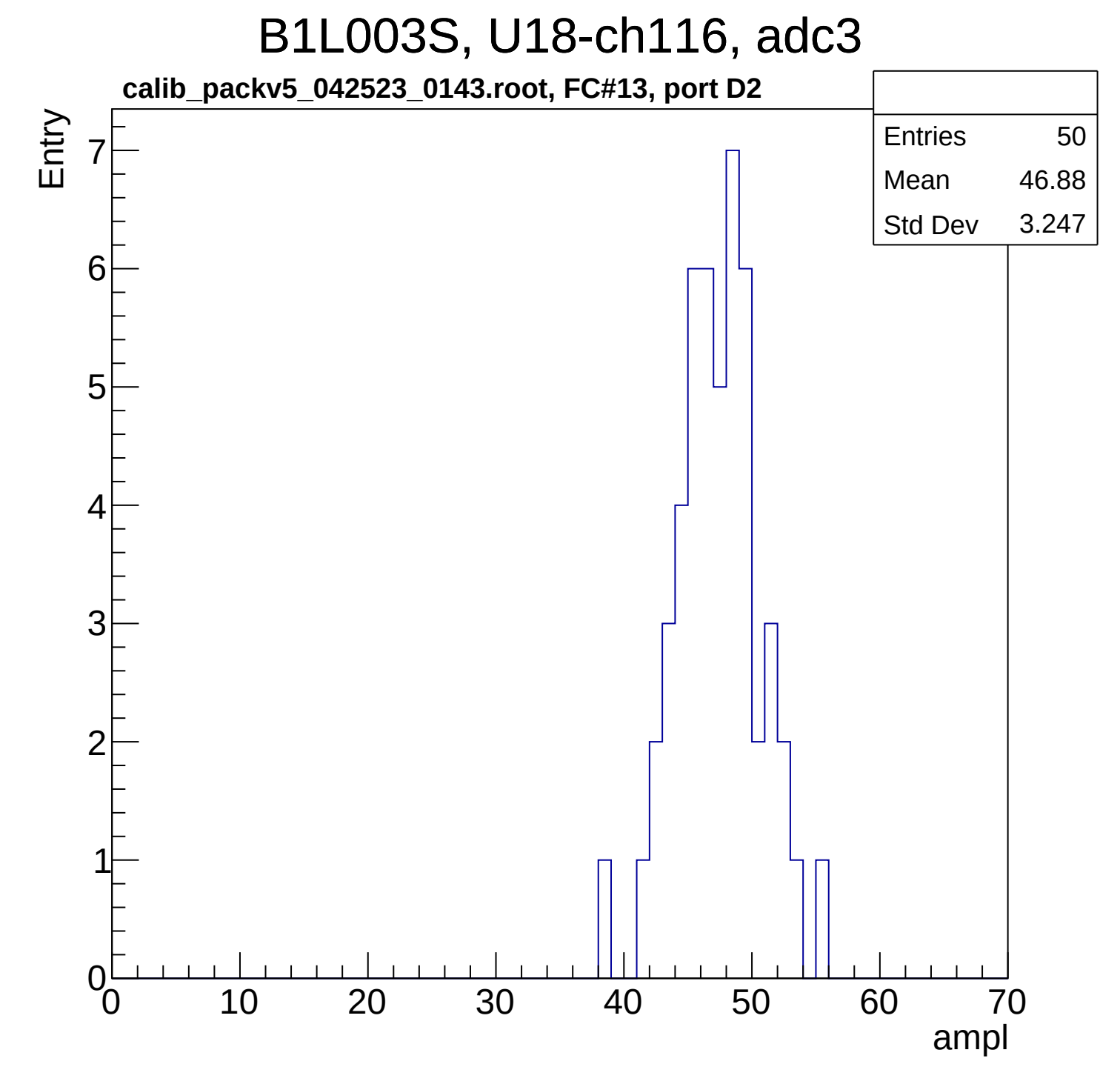

B1L003S, U18-ch115, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 7
Mean 61.57
Std Dev 1.05
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

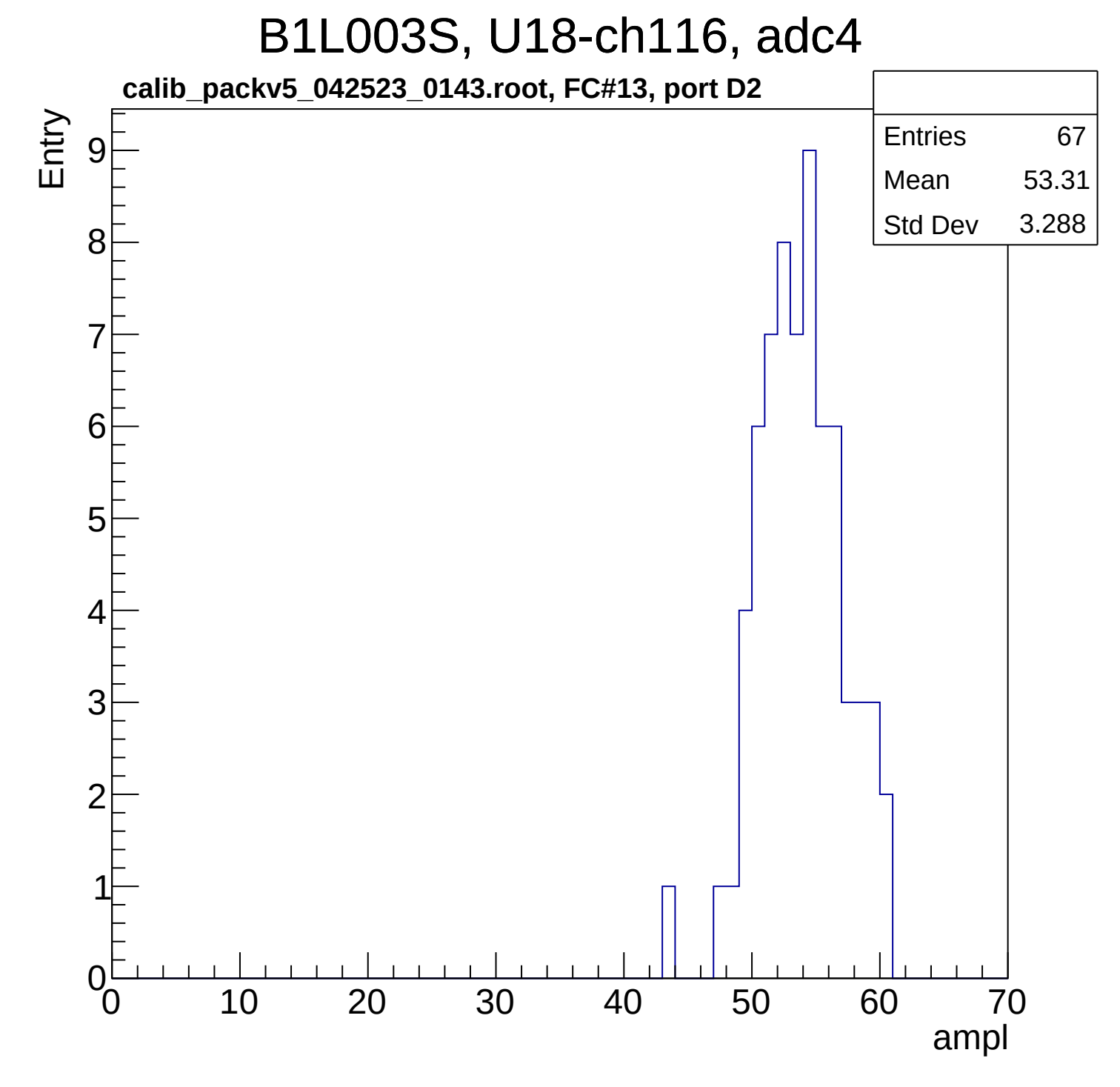

B1L003S, U18-ch115, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

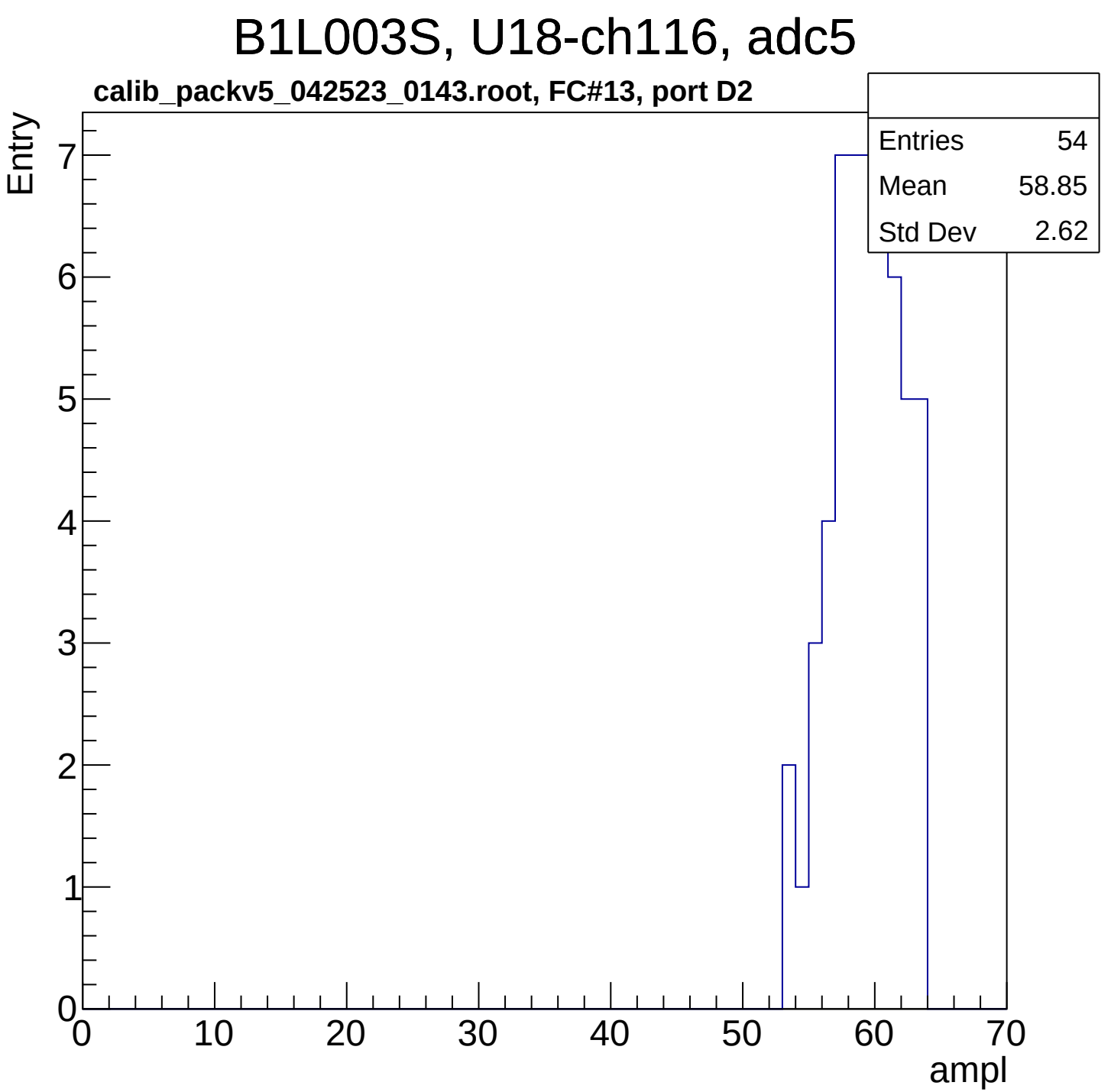

B1L003S, U18-ch116, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 28.62
Std Dev 4.687
Gaus mean : 29.7069
Gaus Width: 3.2170
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

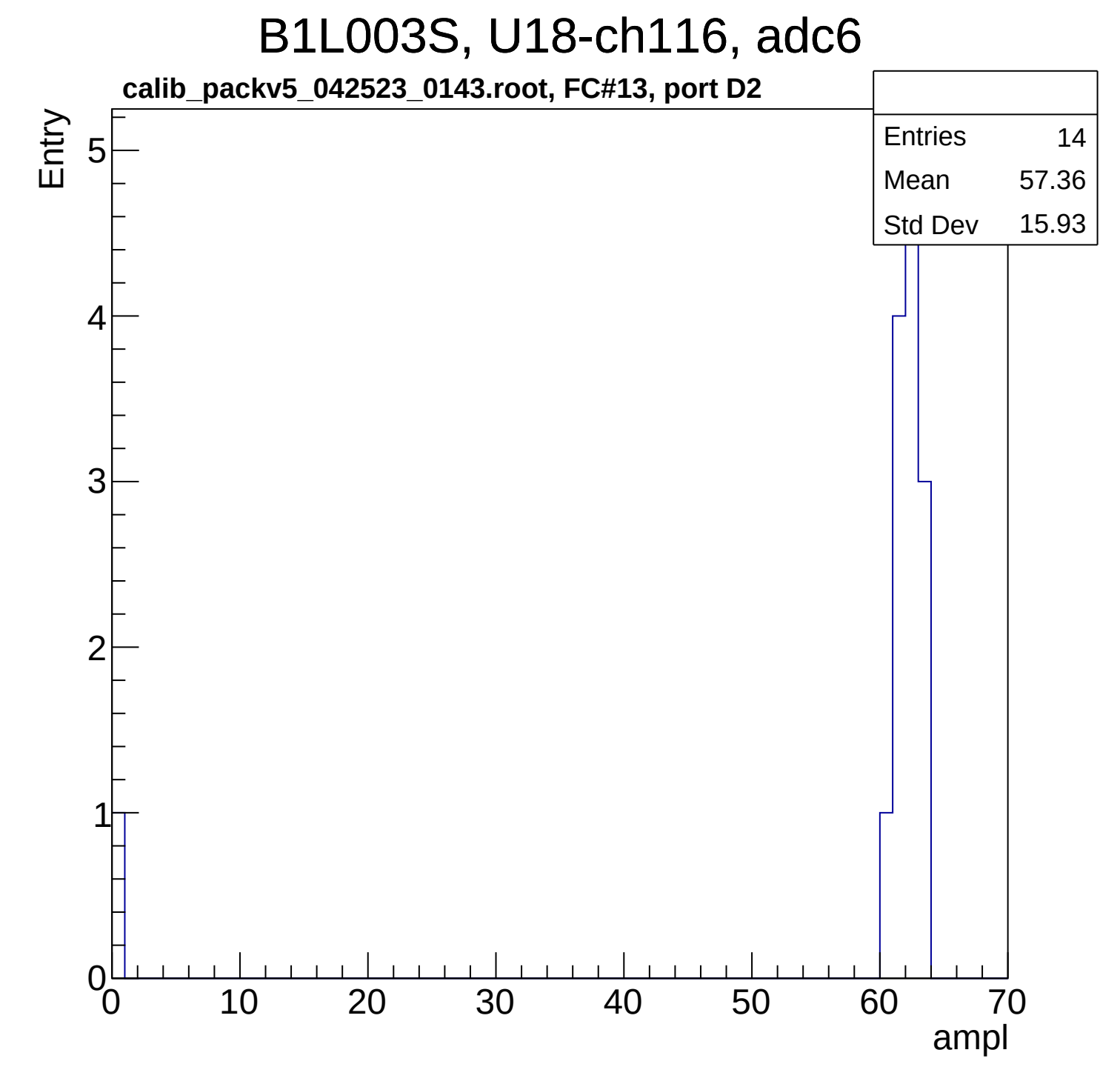

B1L003S, U18-ch116, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 36.29
Std Dev 3.448
Gaus mean : 36.6432
Gaus Width: 3.6990
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

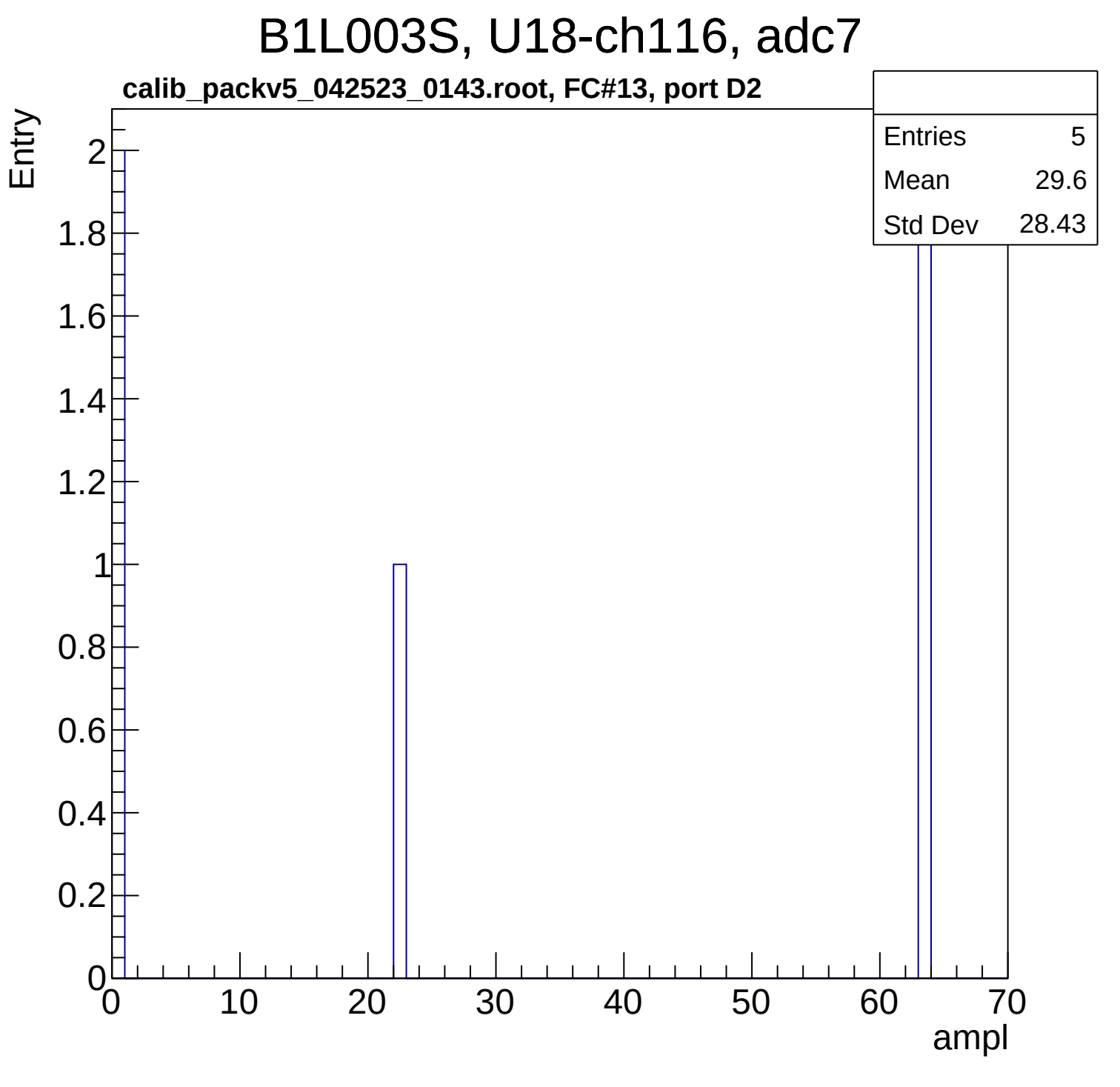

B1L003S, U18-ch116, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 42.57
Std Dev 3.482
Gaus mean : 42.2829
Gaus Width: 6.2873
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

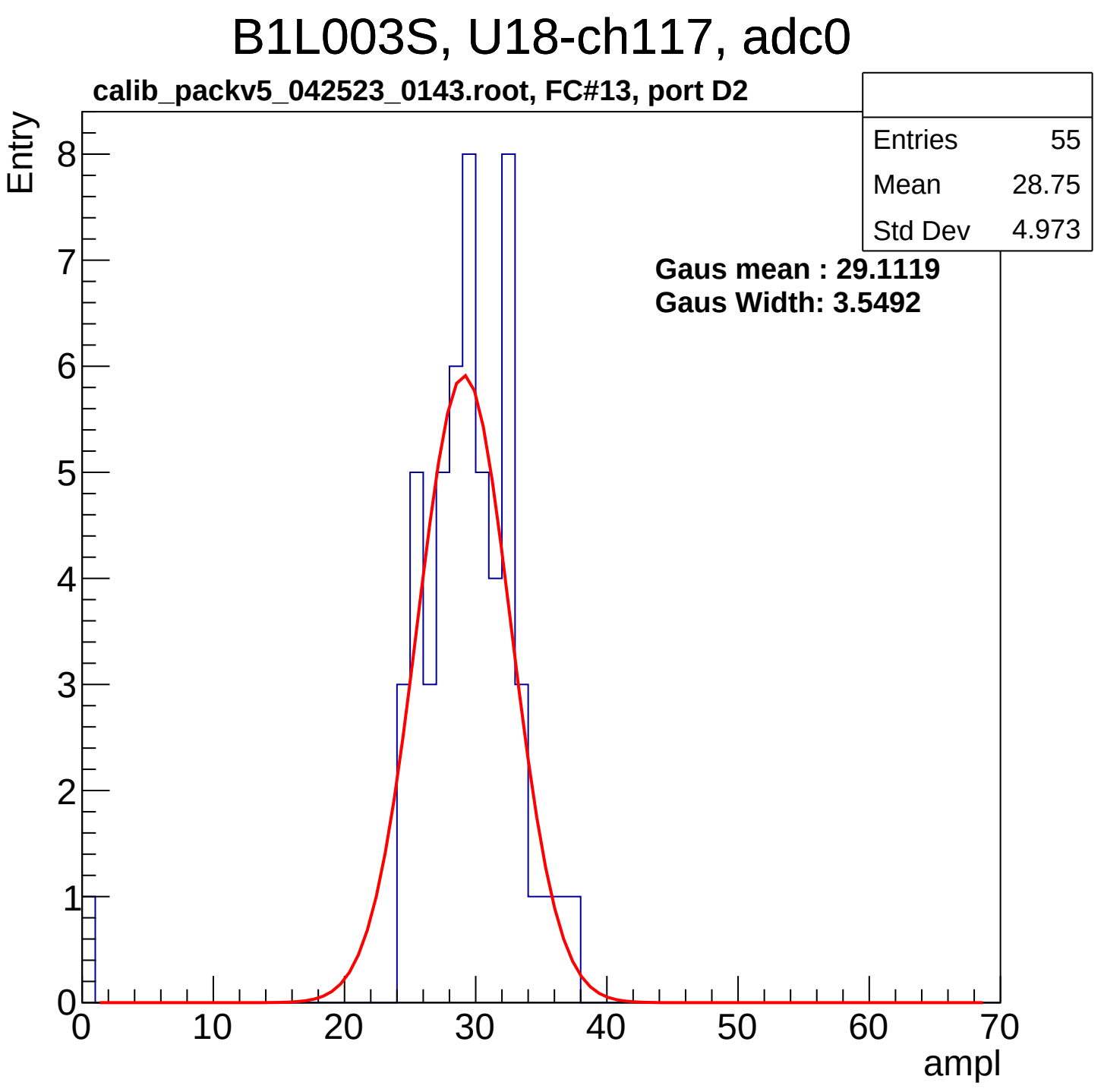

B1L003S, U18-ch116, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 46.88
Std Dev 3.247
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

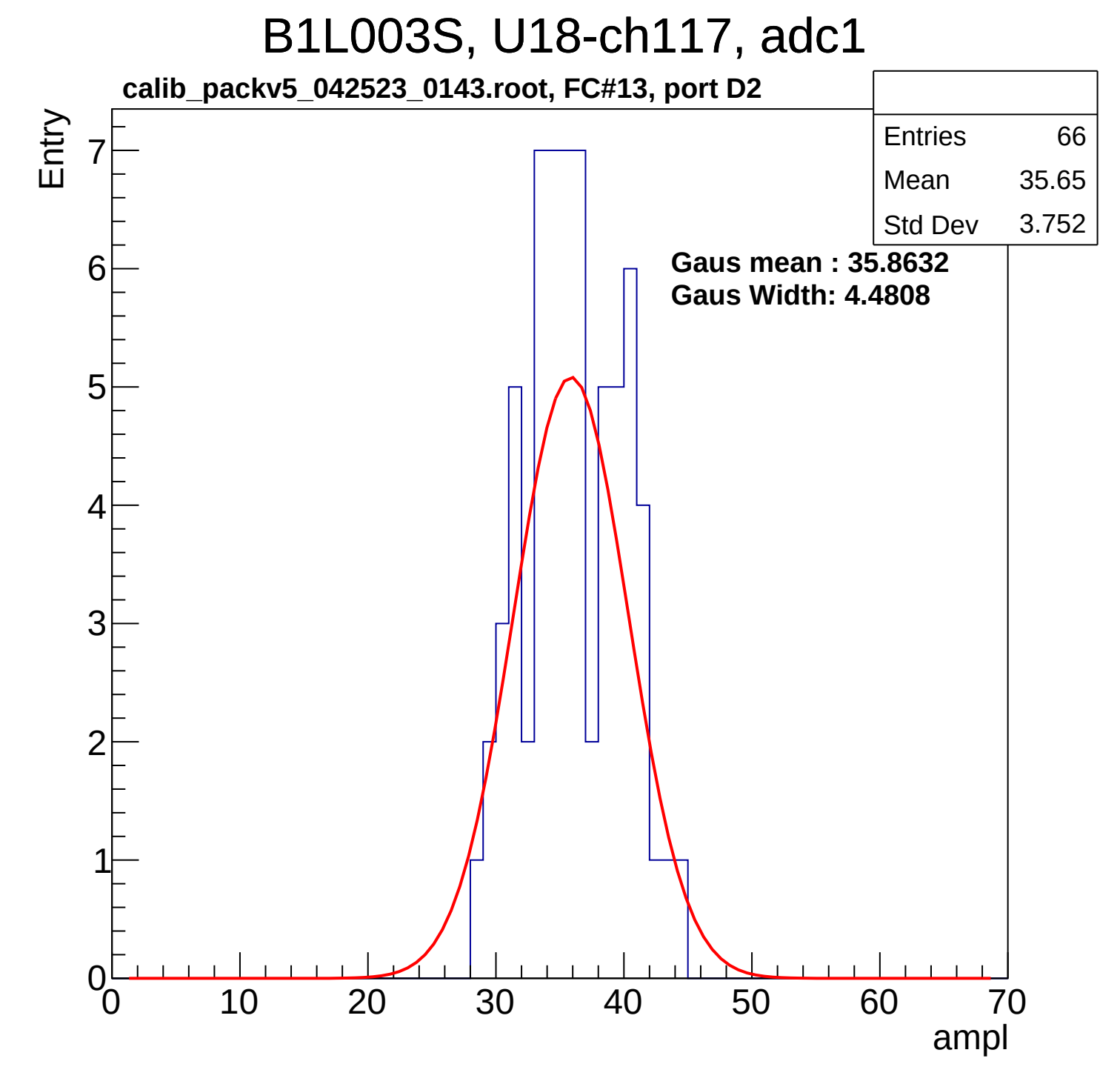

B1L003S, U18-ch116, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 53.31
Std Dev 3.288
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

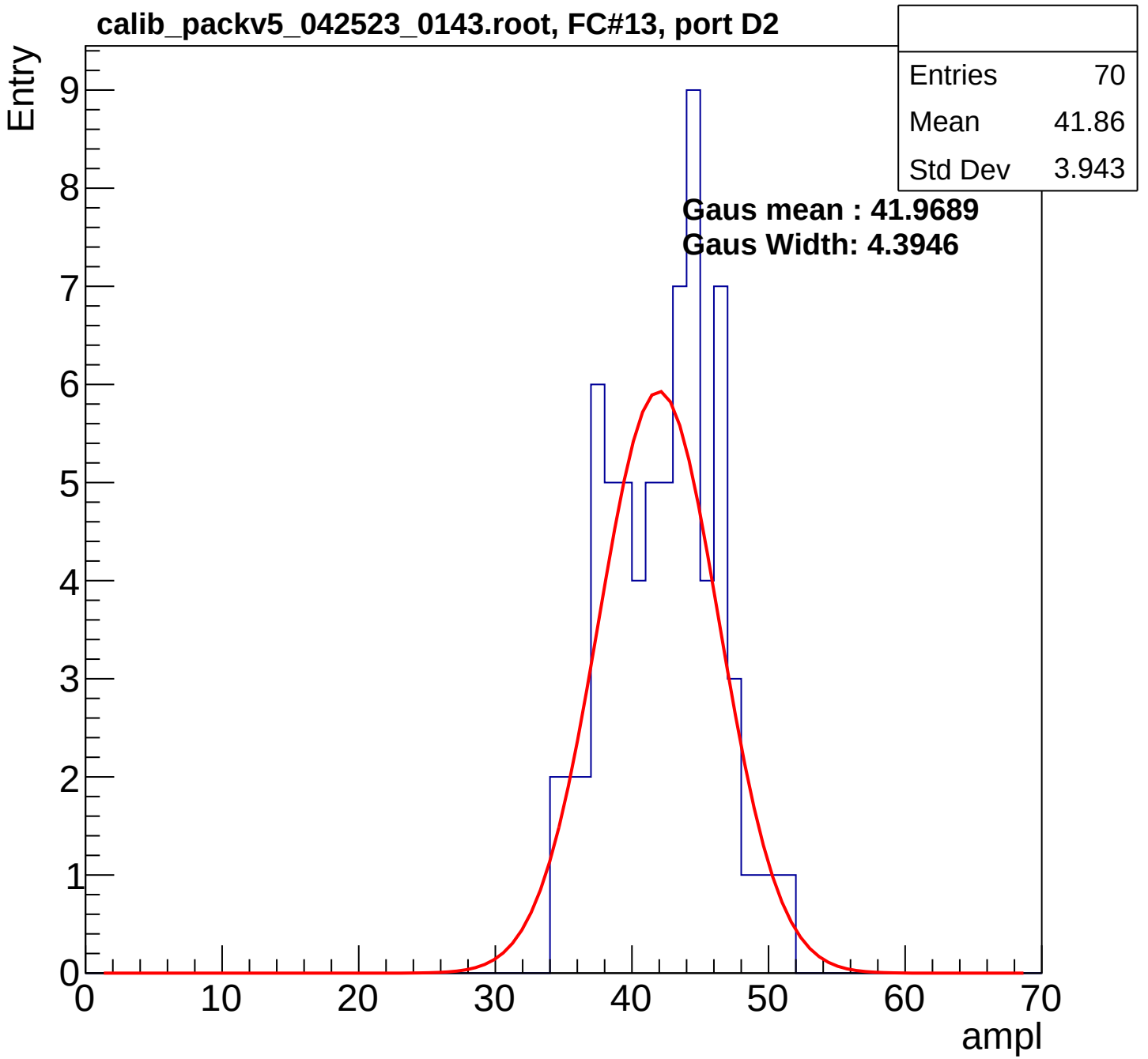

B1L003S, U18-ch116, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 58.85
Std Dev 2.62
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

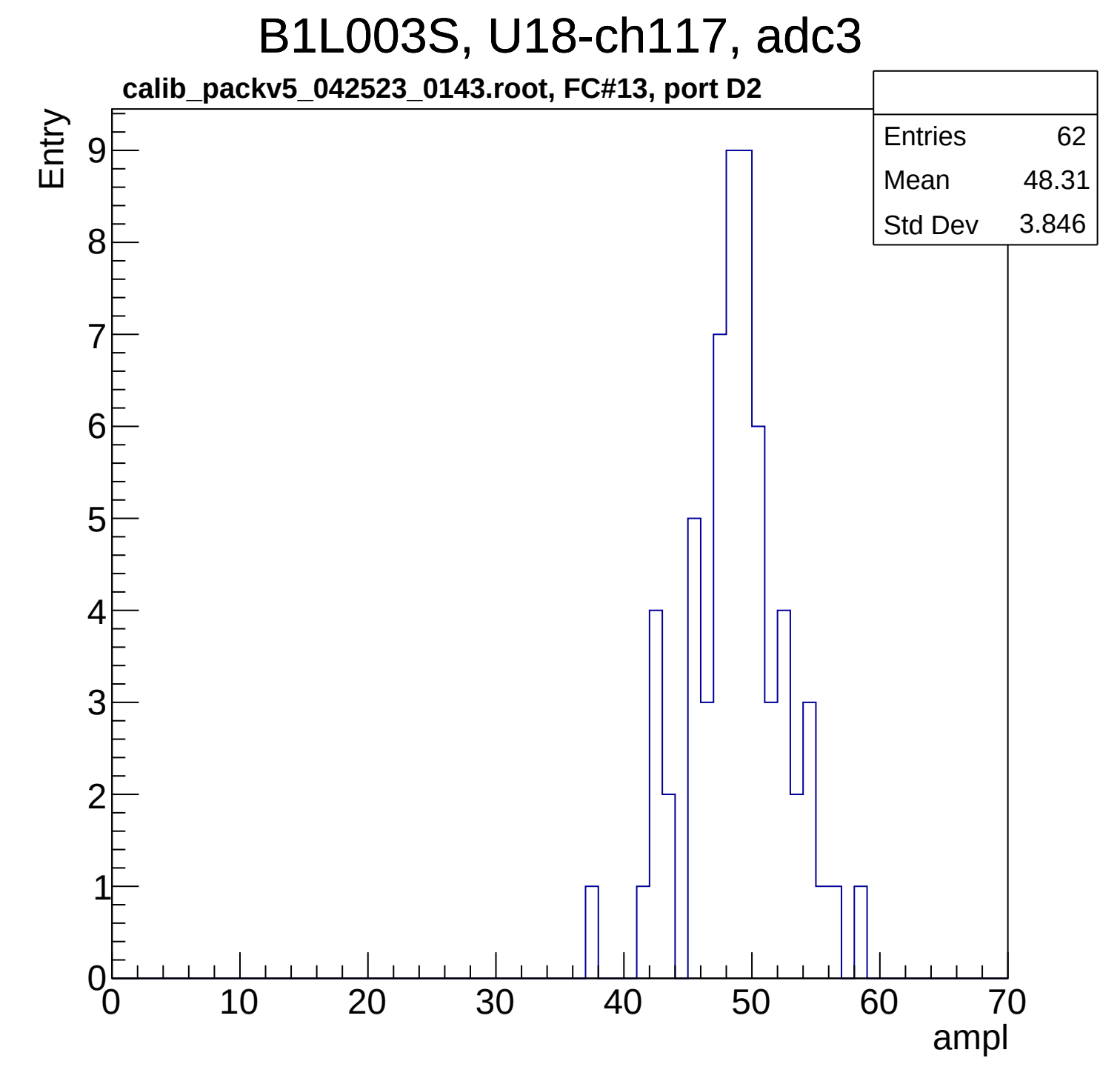

B1L003S, U18-ch116, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 14
Mean 57.36
Std Dev 15.93
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

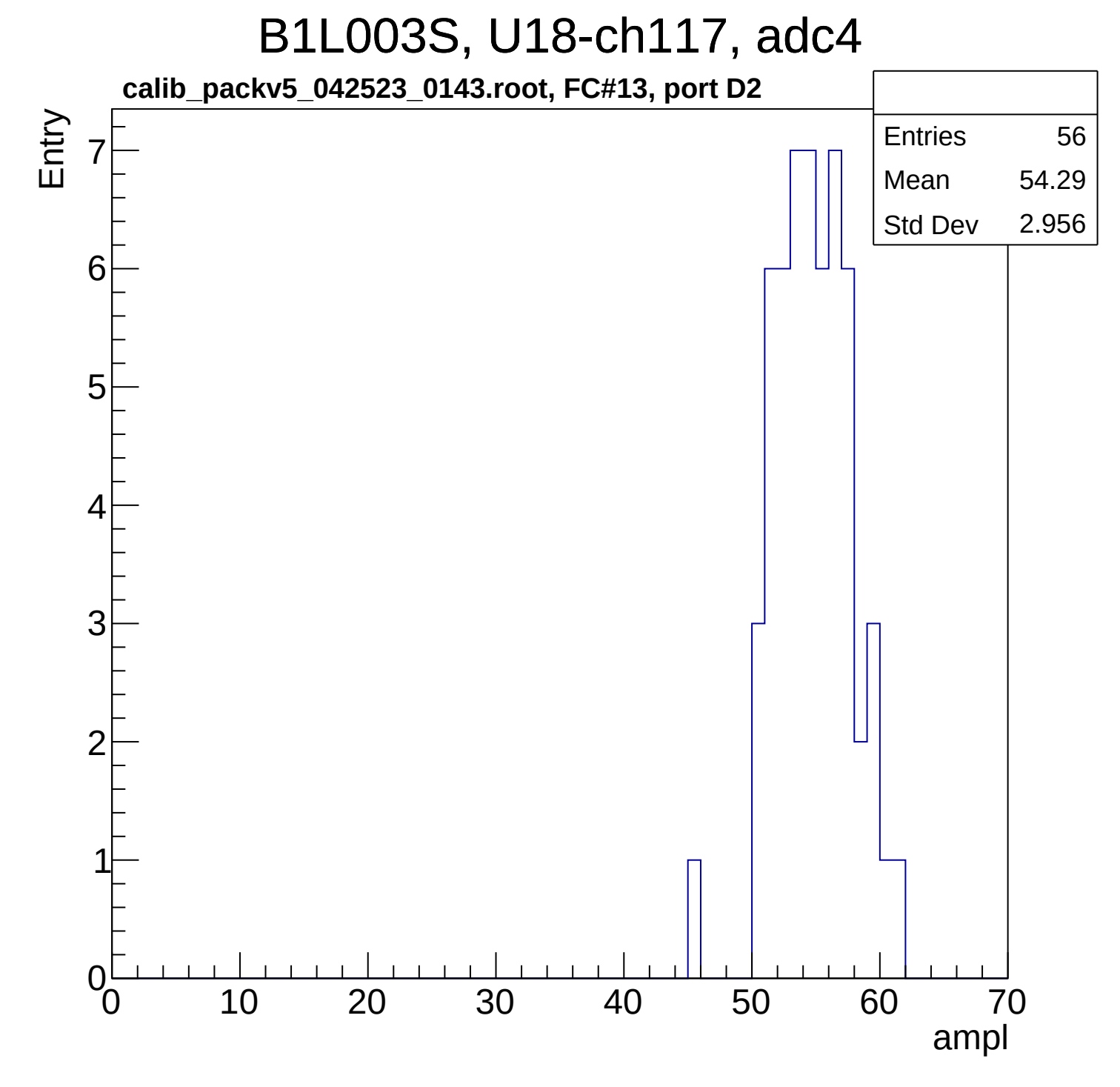

B1L003S, U18-ch116, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 29.6
Std Dev 28.43
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

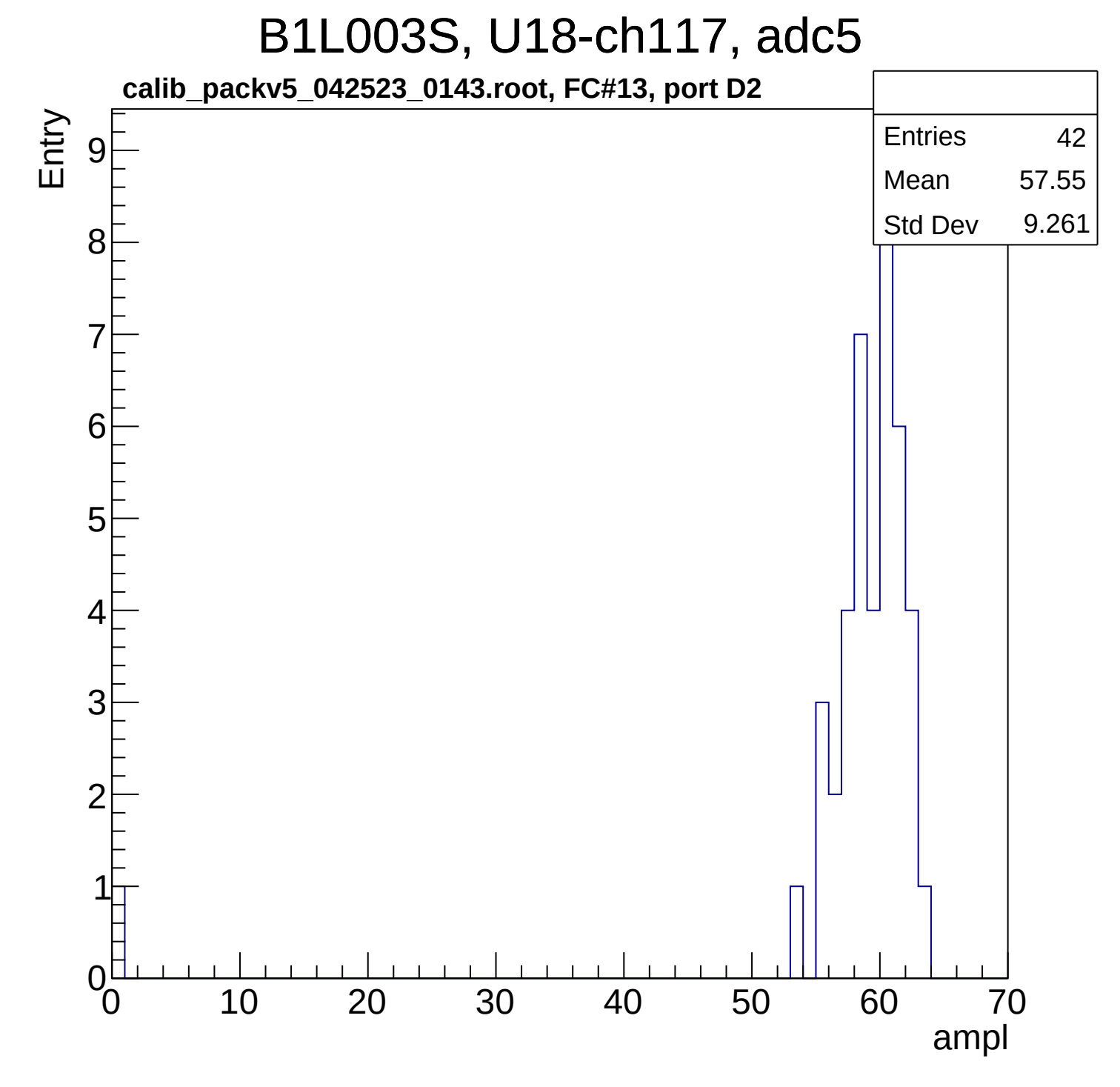

B1L003S, U18-ch117, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 28.75
Std Dev 4.973
Gaus mean : 29.1119
Gaus Width: 3.5492
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

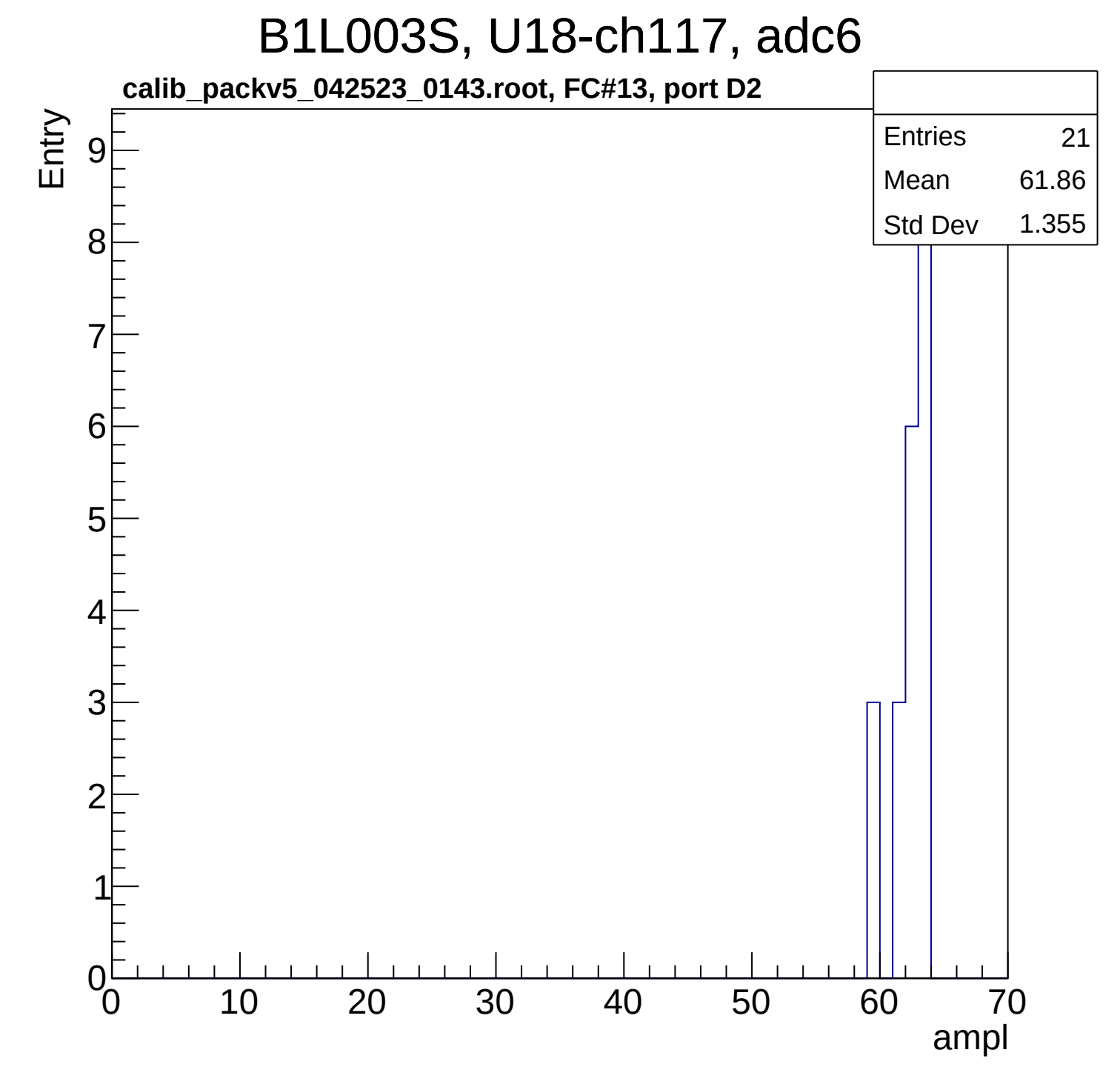

B1L003S, U18-ch117, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 66
Mean 35.65
Std Dev 3.752
Gaus mean : 35.8632
Gaus Width: 4.4808
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

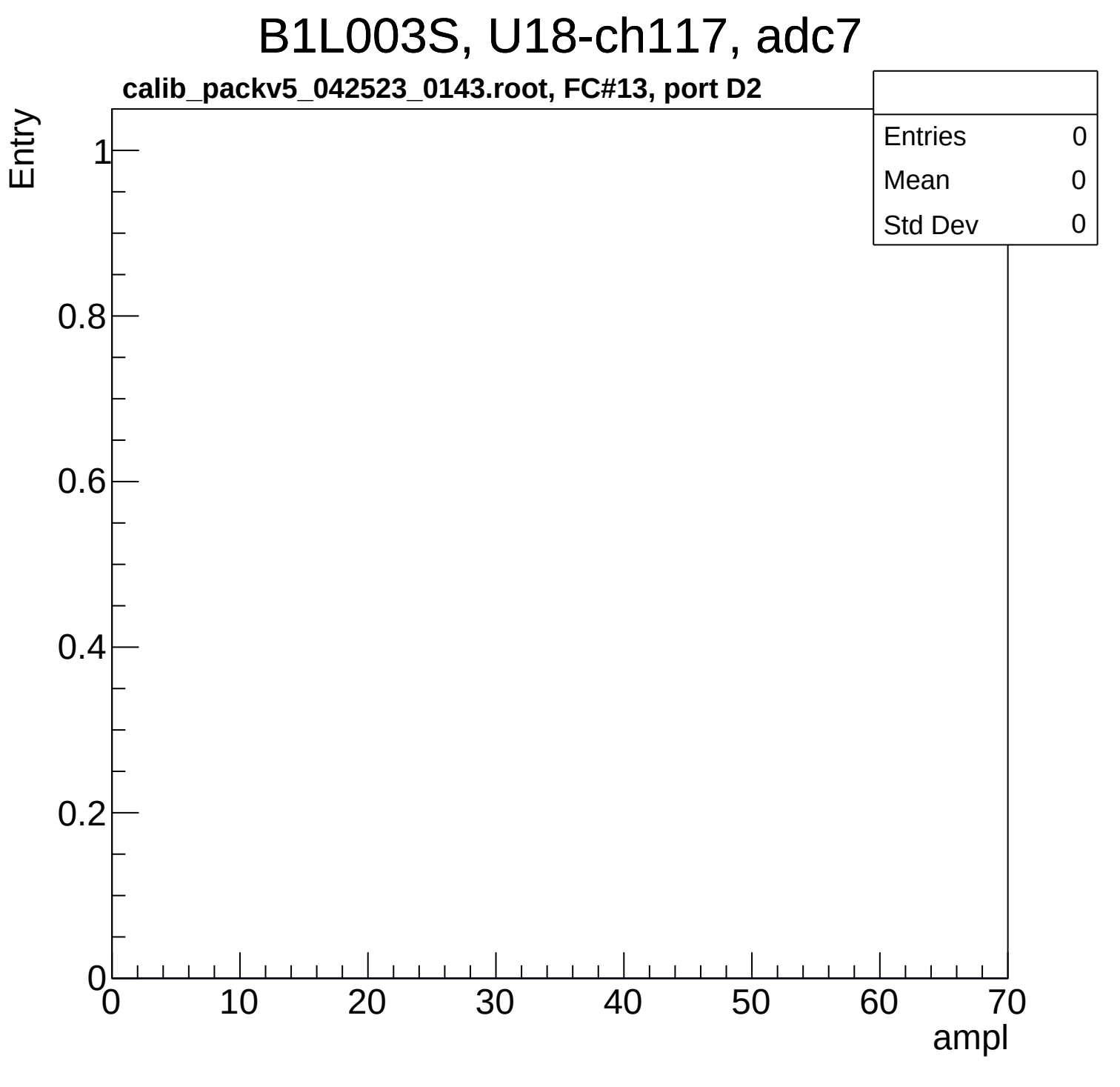

B1L003S, U18-ch117, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 41.86
Std Dev 3.943
Gaus mean : 41.9689
Gaus Width: 4.3946
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

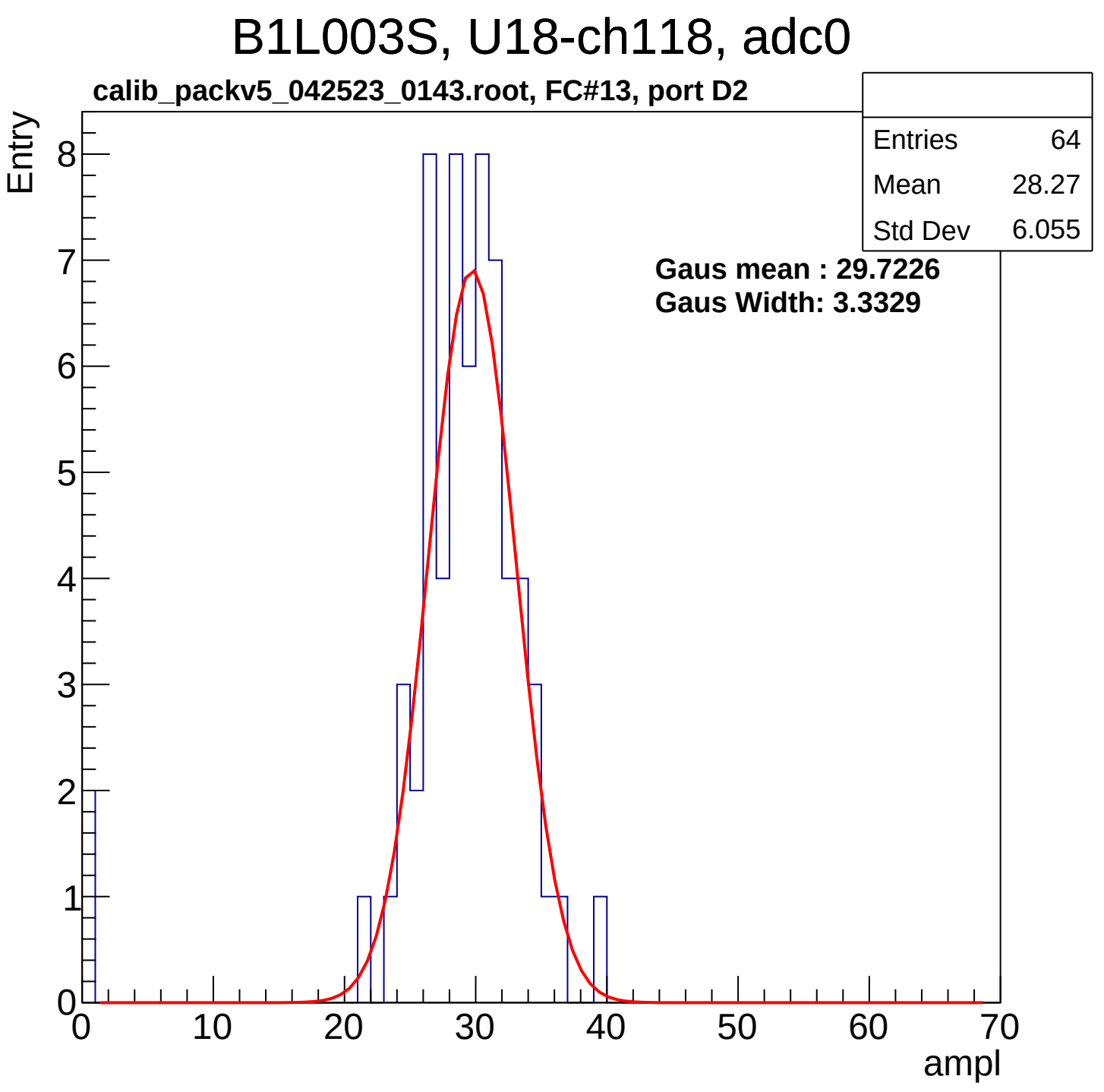

B1L003S, U18-ch117, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 48.31
Std Dev 3.846
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

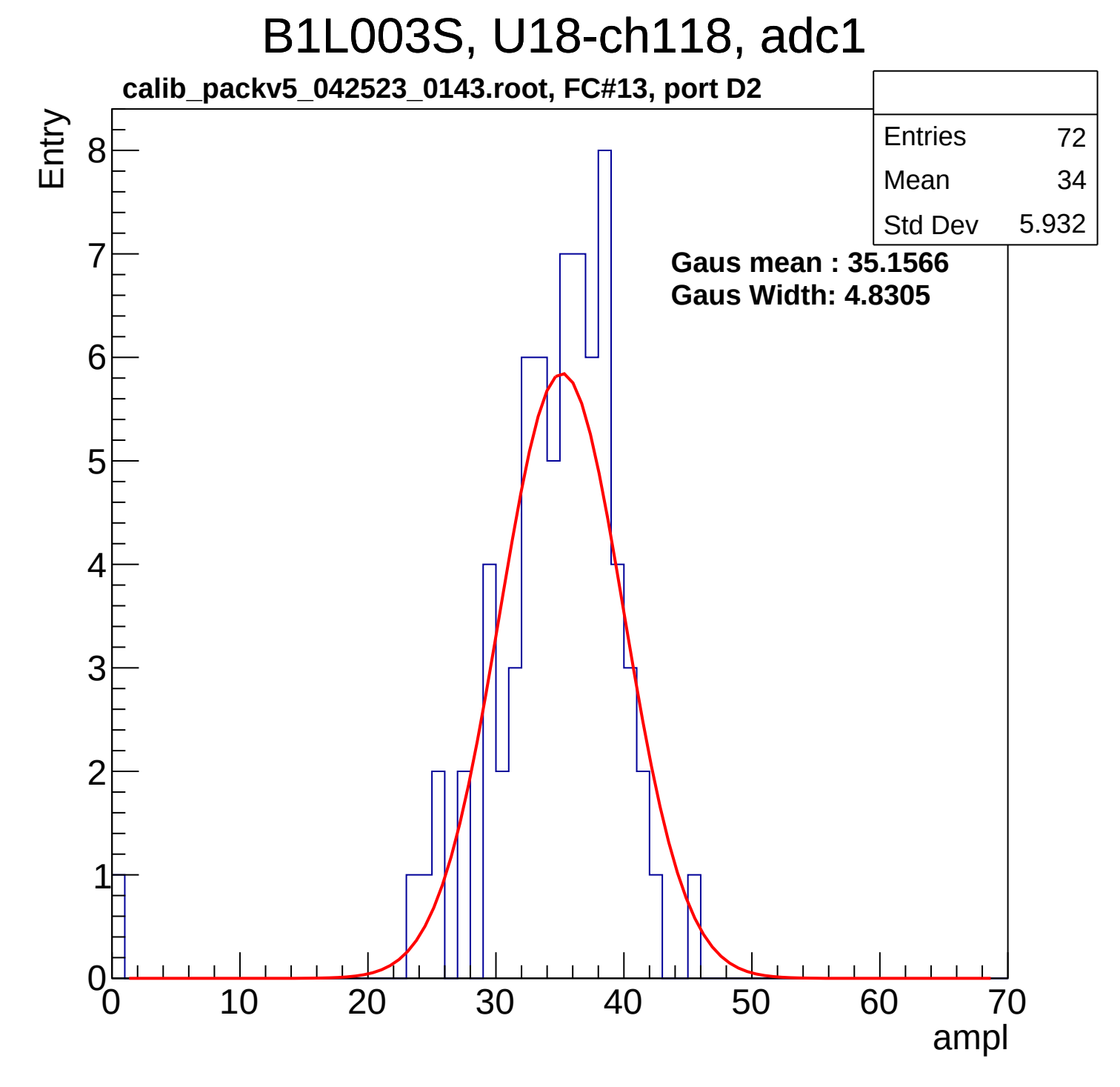

B1L003S, U18-ch117, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 54.29
Std Dev 2.956
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

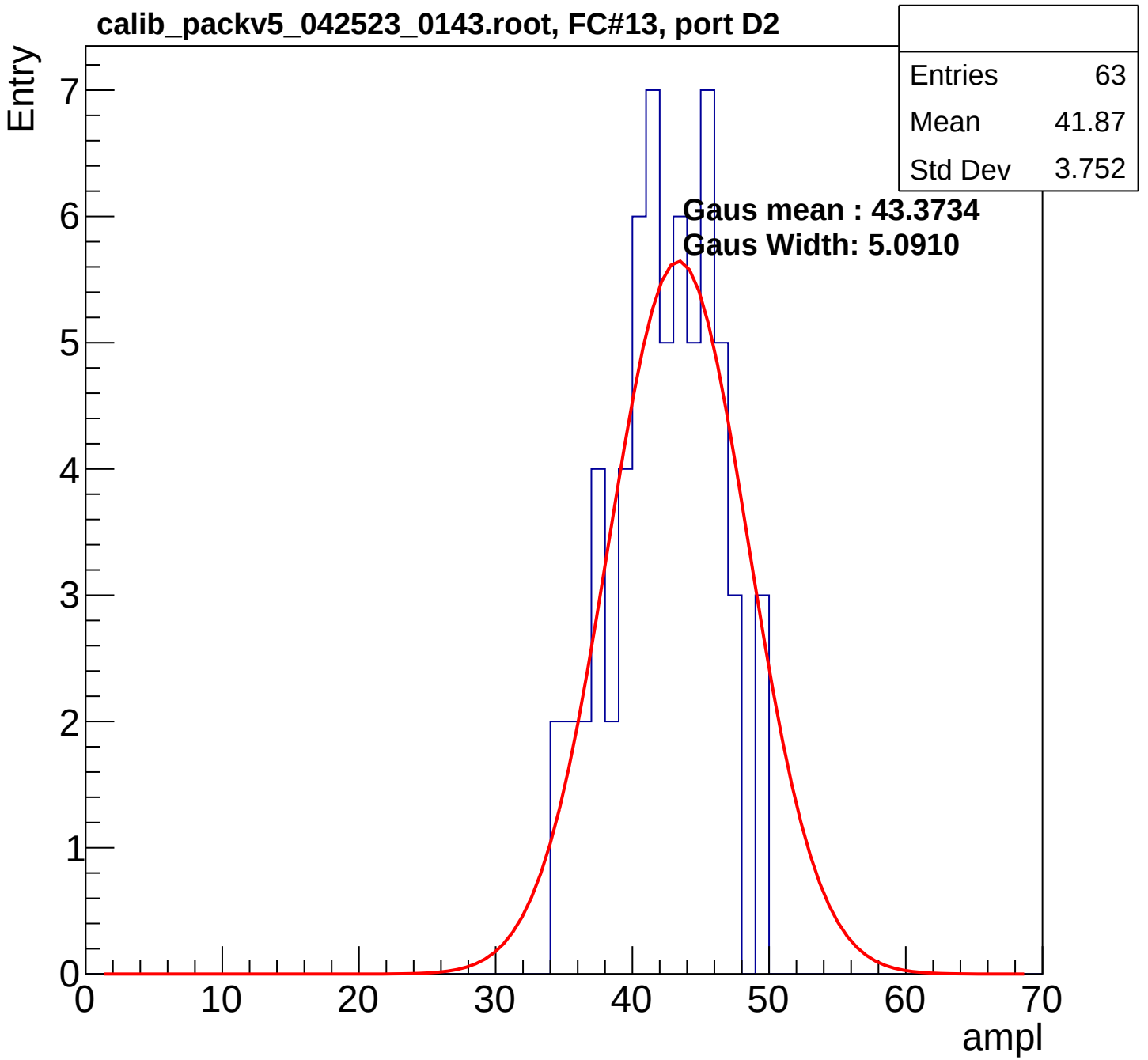

B1L003S, U18-ch117, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 42
Mean 57.55
Std Dev 9.261
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

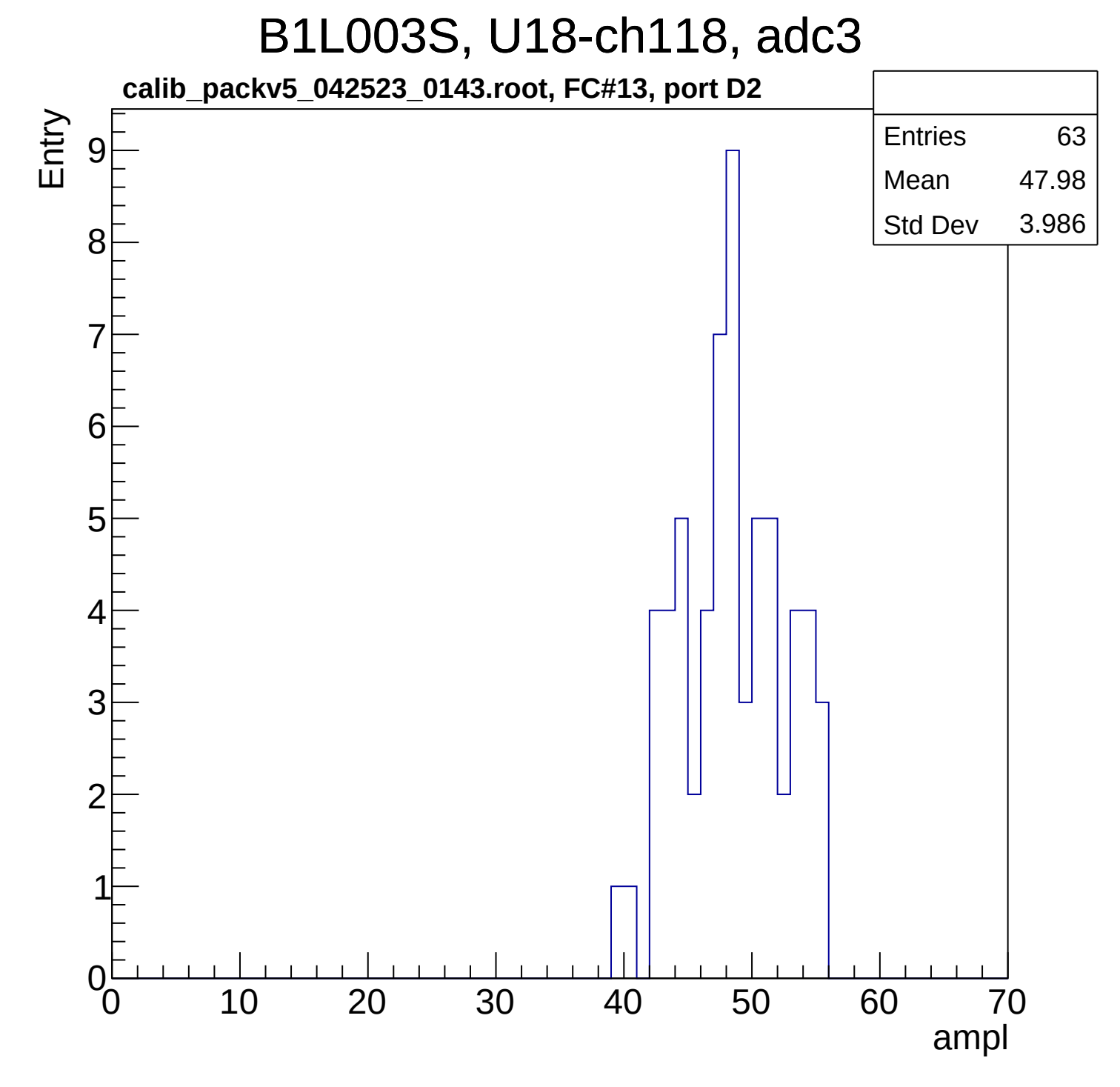

B1L003S, U18-ch117, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 21
Mean 61.86
Std Dev 1.355
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

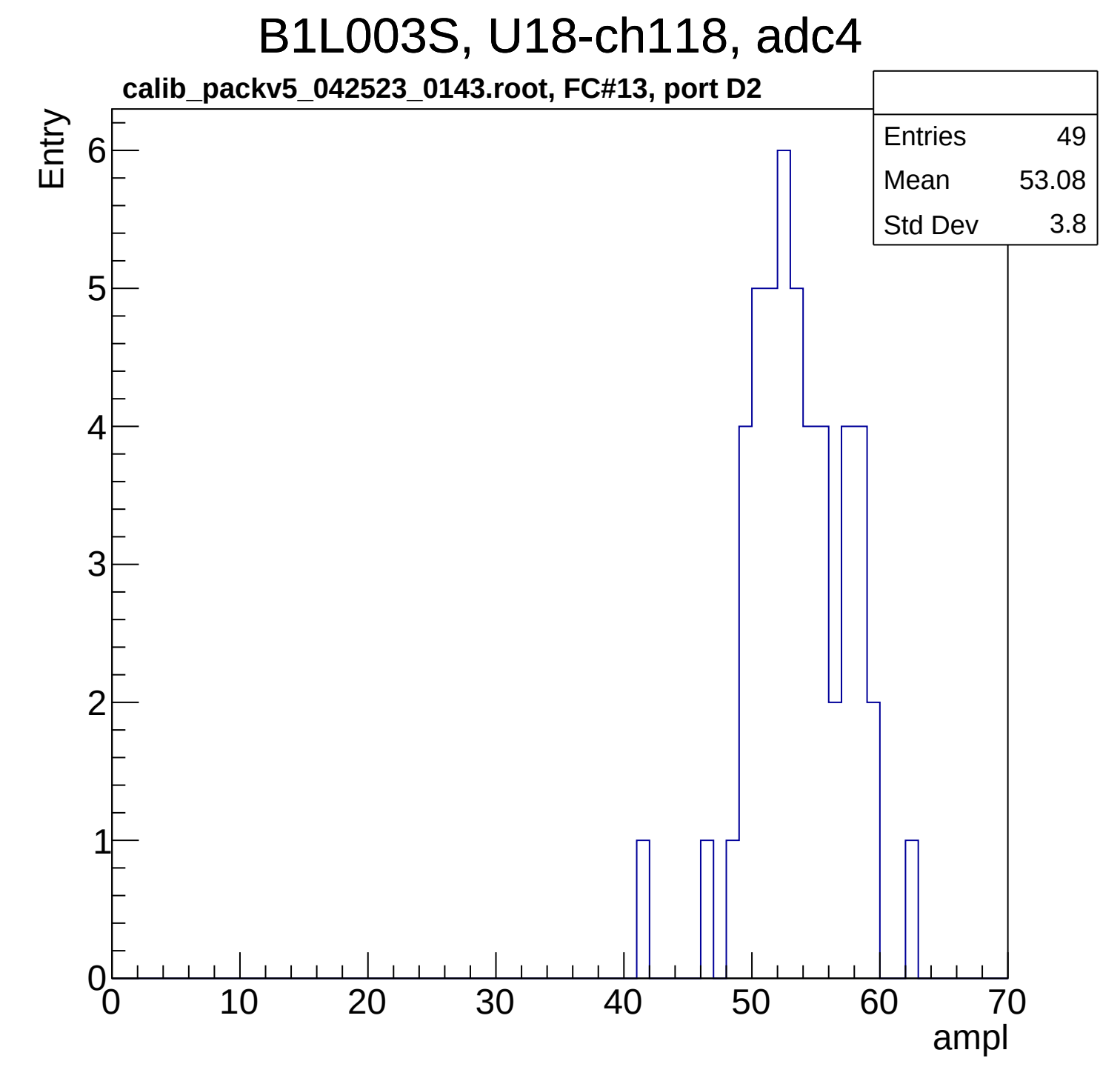

B1L003S, U18-ch117, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

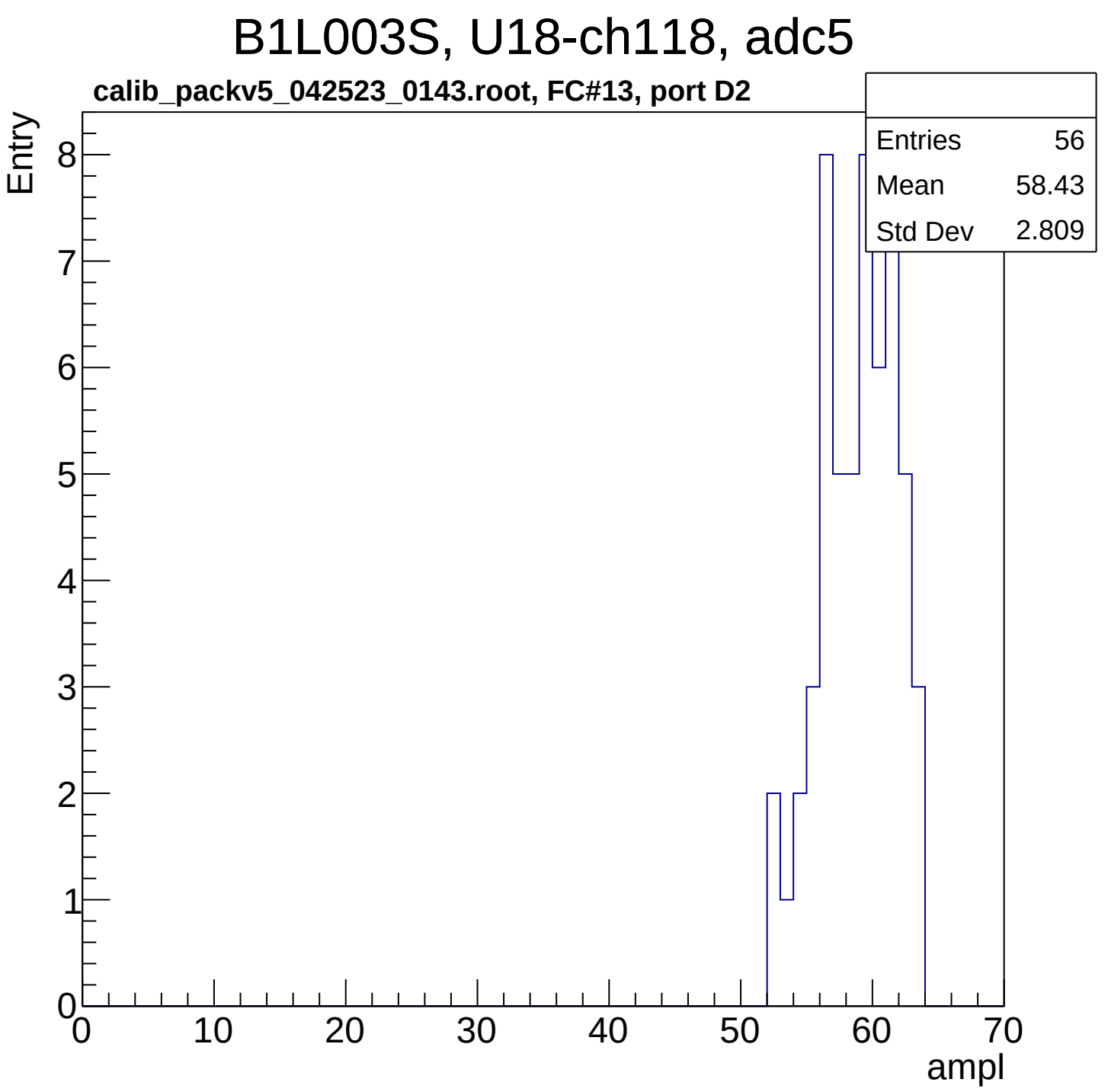

B1L003S, U18-ch118, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 64
Mean 28.27
Std Dev 6.055
Gaus mean : 29.7226
Gaus Width: 3.3329
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

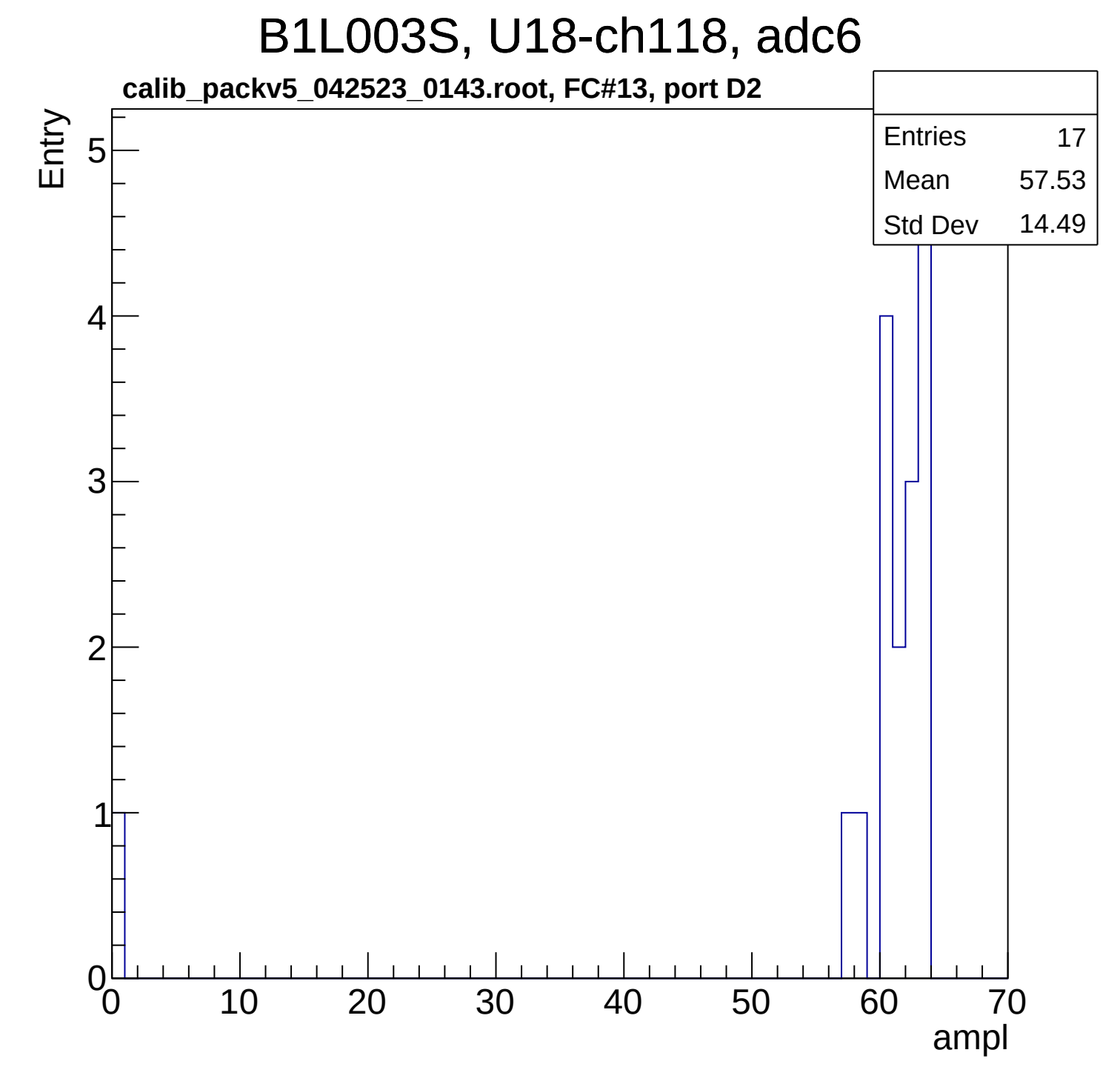

B1L003S, U18-ch118, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 34
Std Dev 5.932
Gaus mean : 35.1566
Gaus Width: 4.8305
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

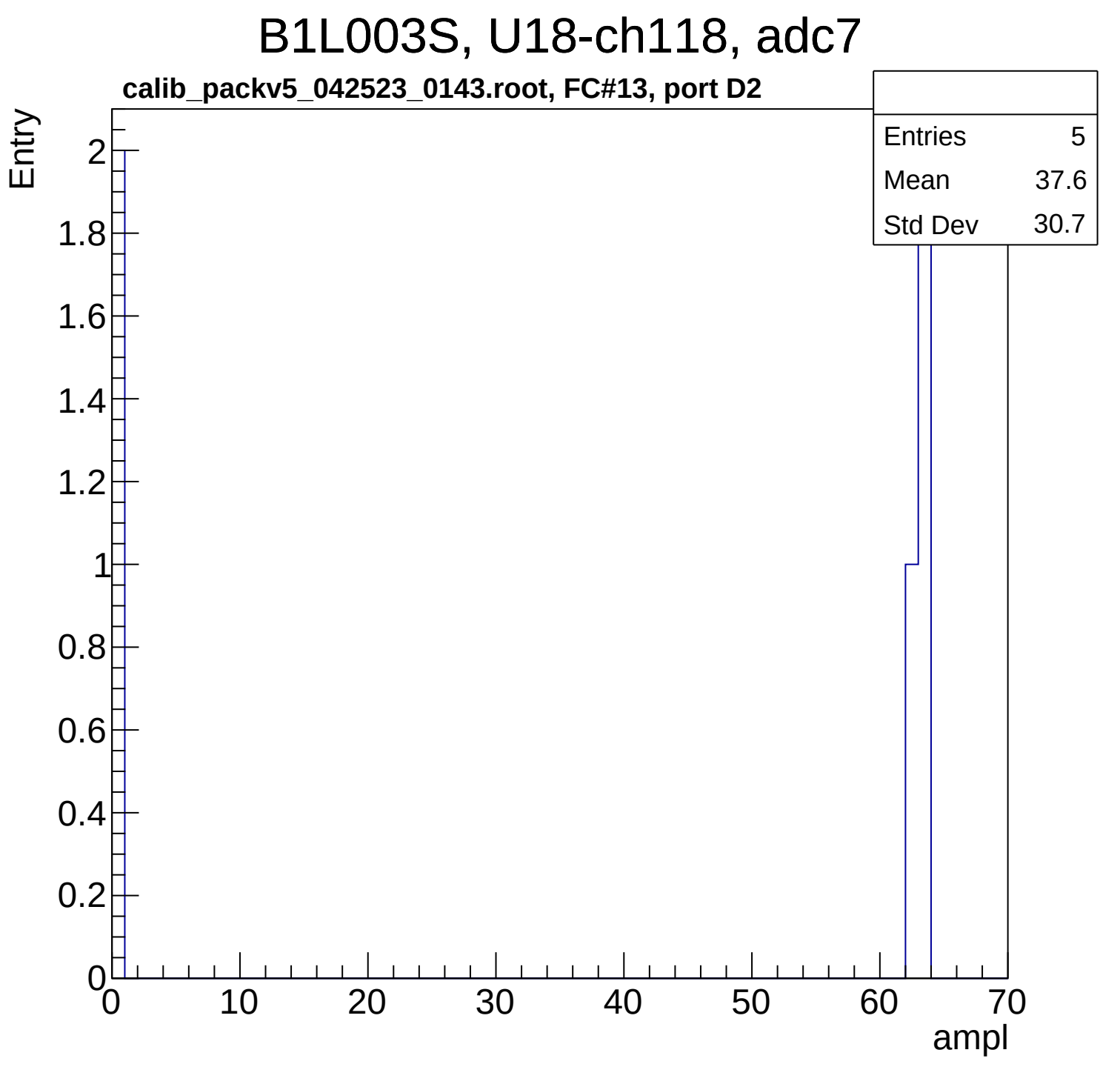

B1L003S, U18-ch118, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 41.87
Std Dev 3.752
Gaus mean : 43.3734
Gaus Width: 5.0910
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

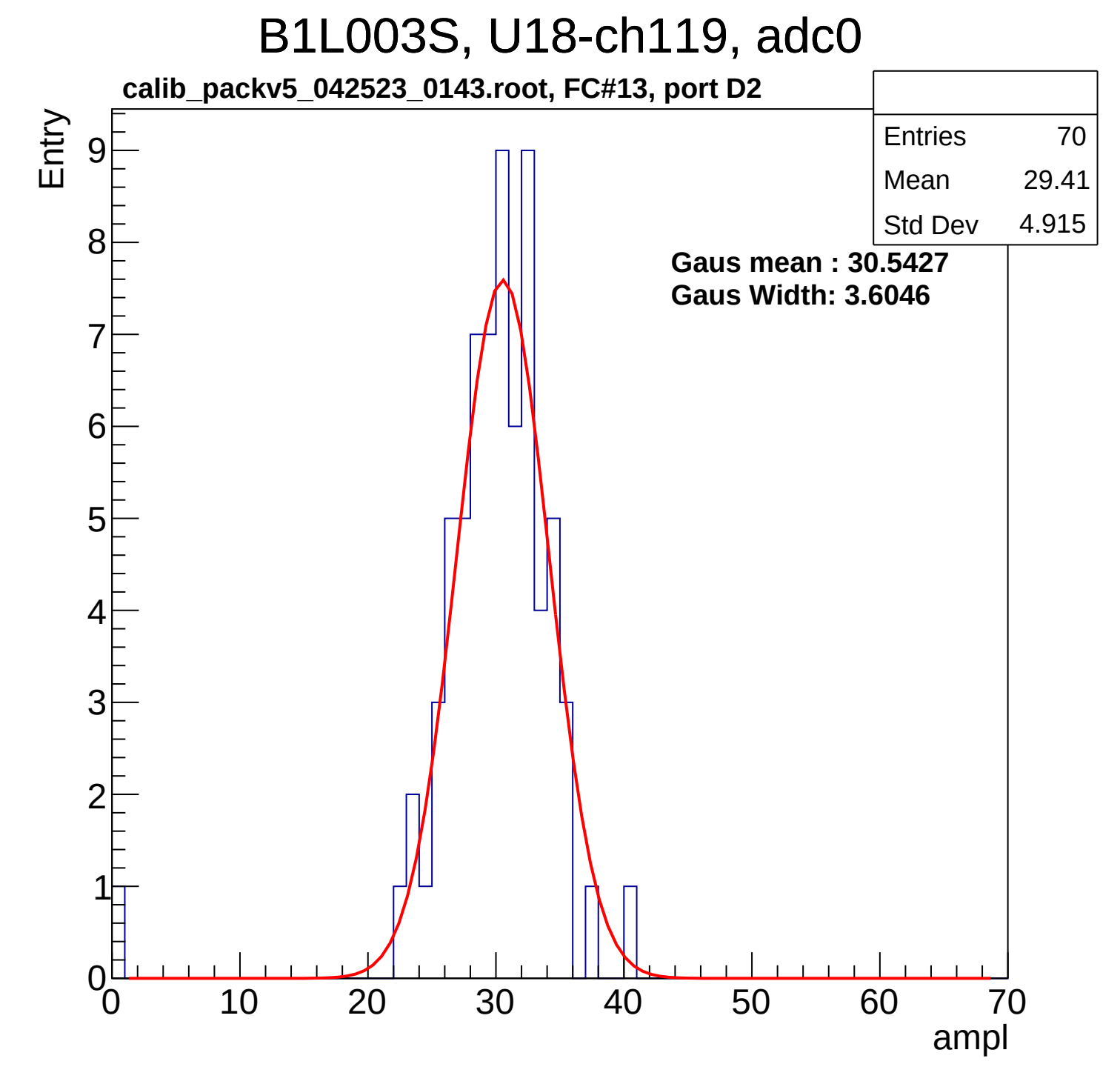

B1L003S, U18-ch118, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 63
Mean 47.98
Std Dev 3.986
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

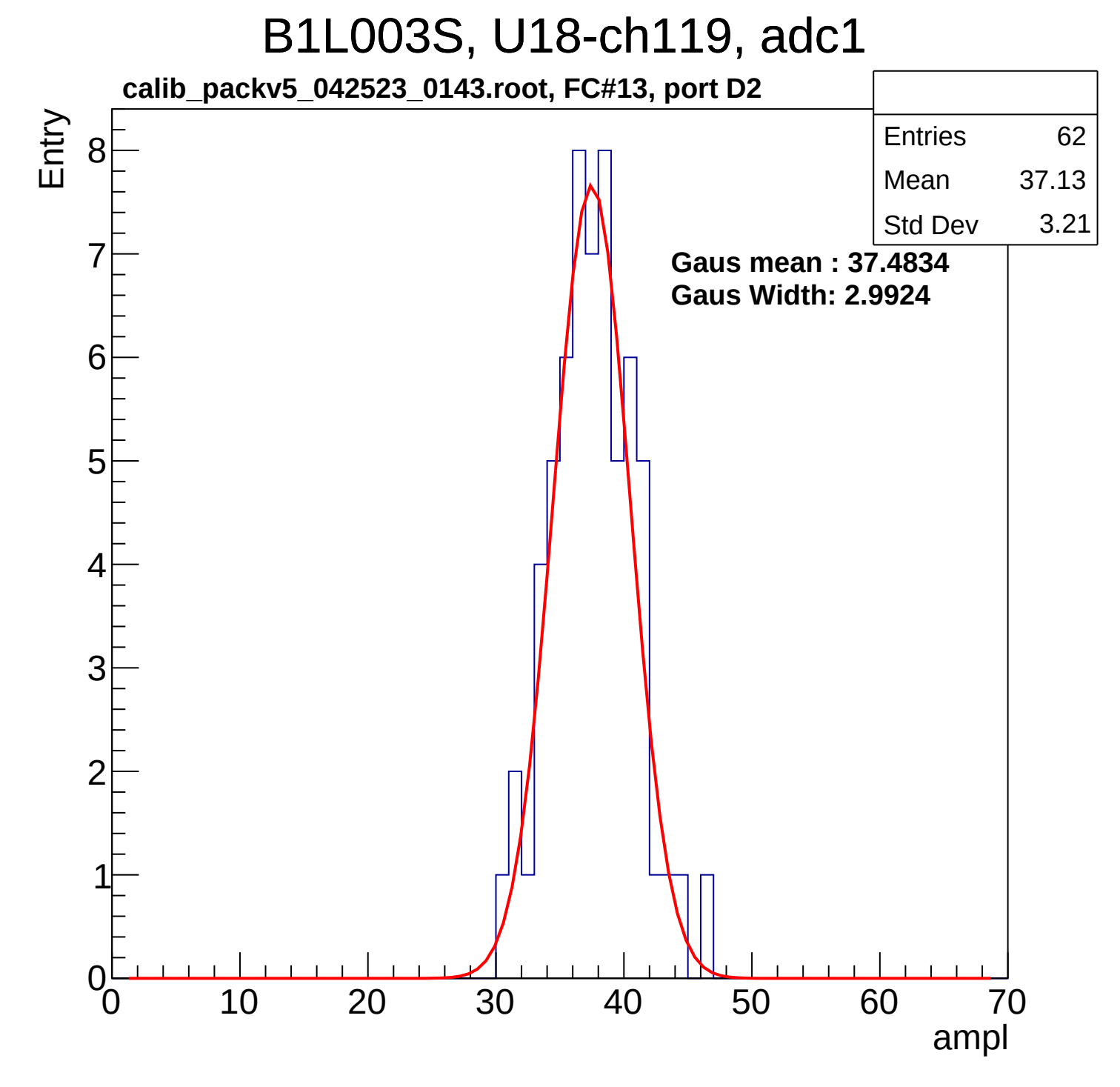

B1L003S, U18-ch118, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 53.08
Std Dev 3.8
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

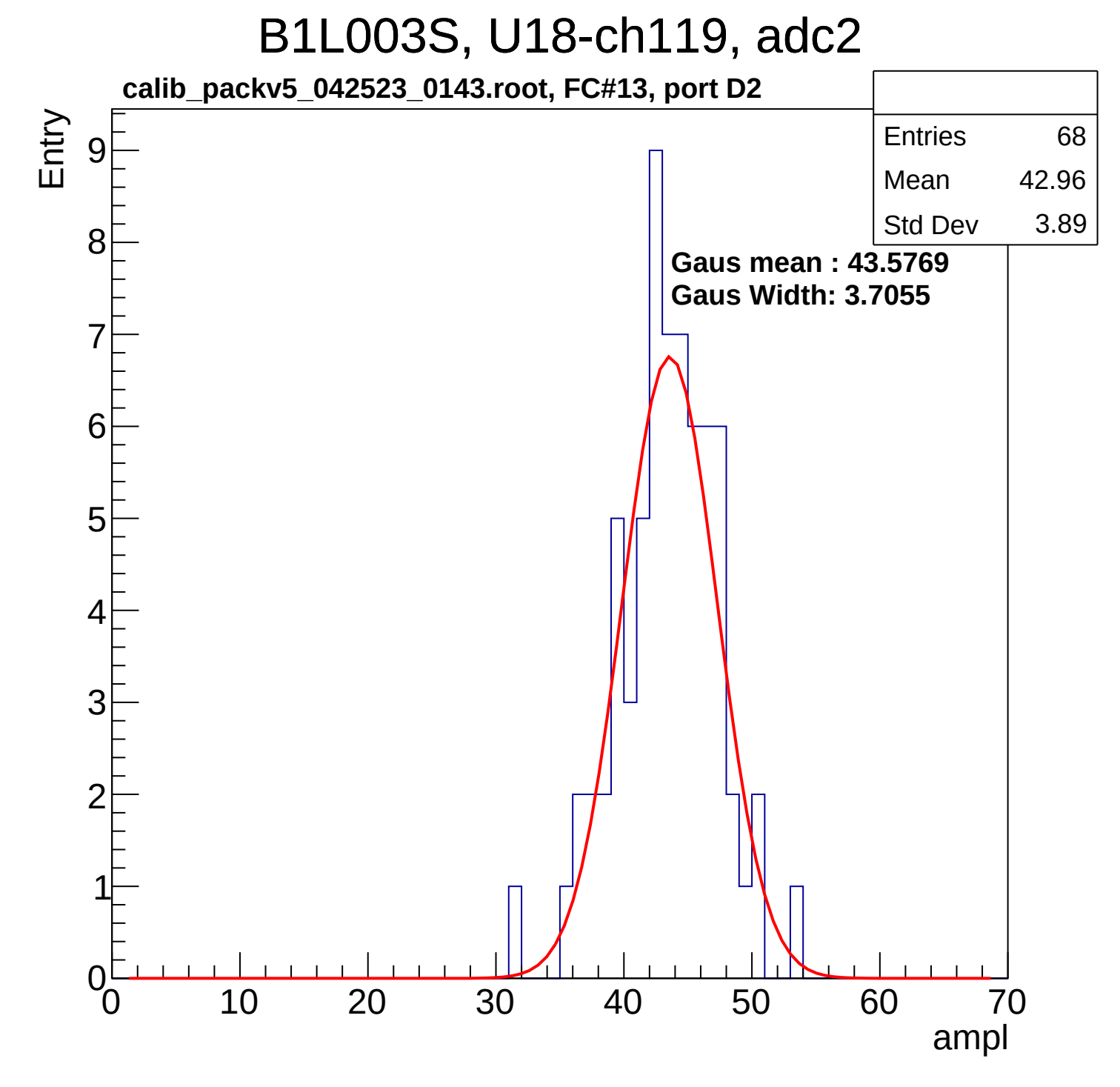

B1L003S, U18-ch118, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 58.43
Std Dev 2.809
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

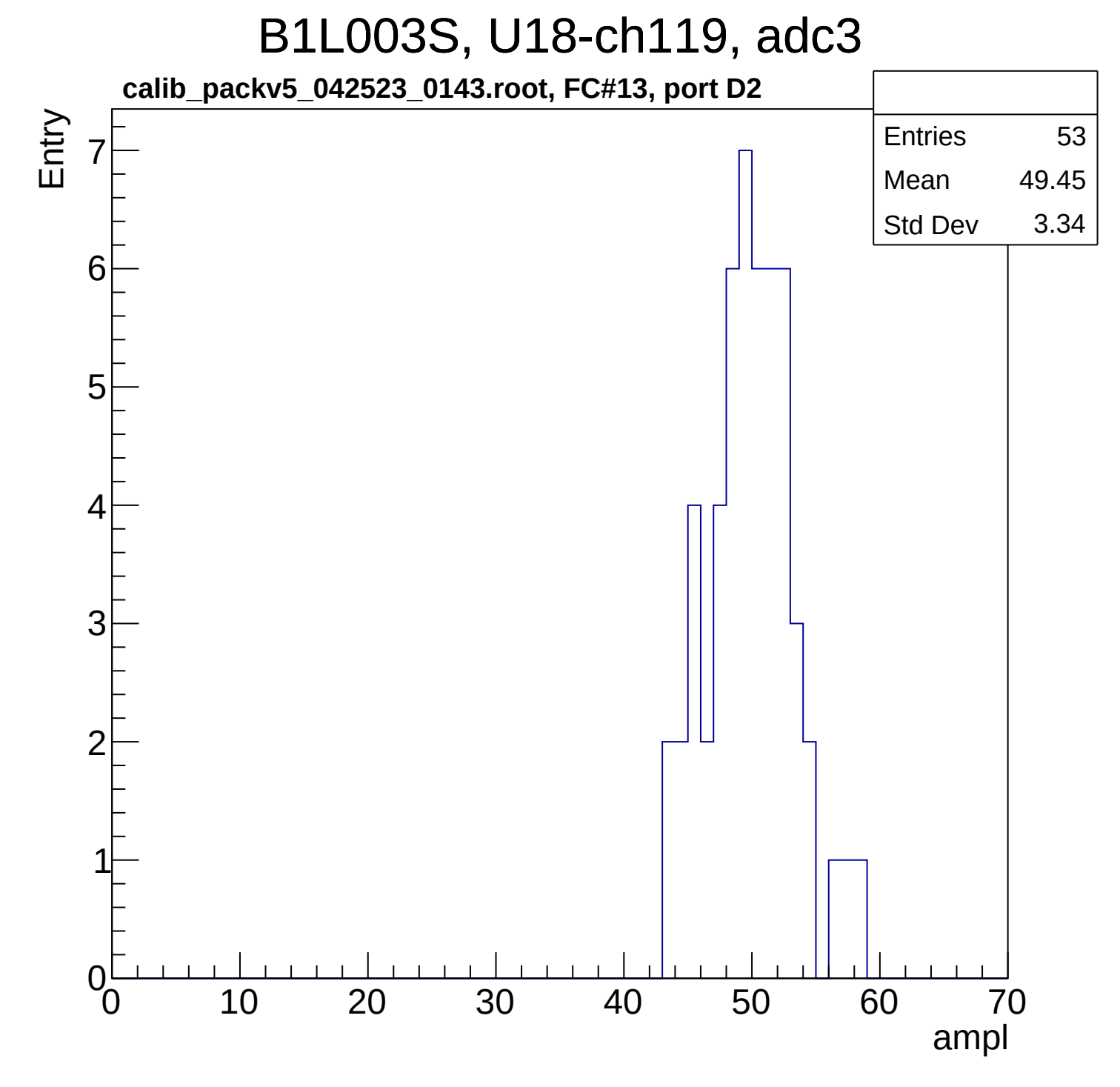

B1L003S, U18-ch118, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 17
Mean 57.53
Std Dev 14.49
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

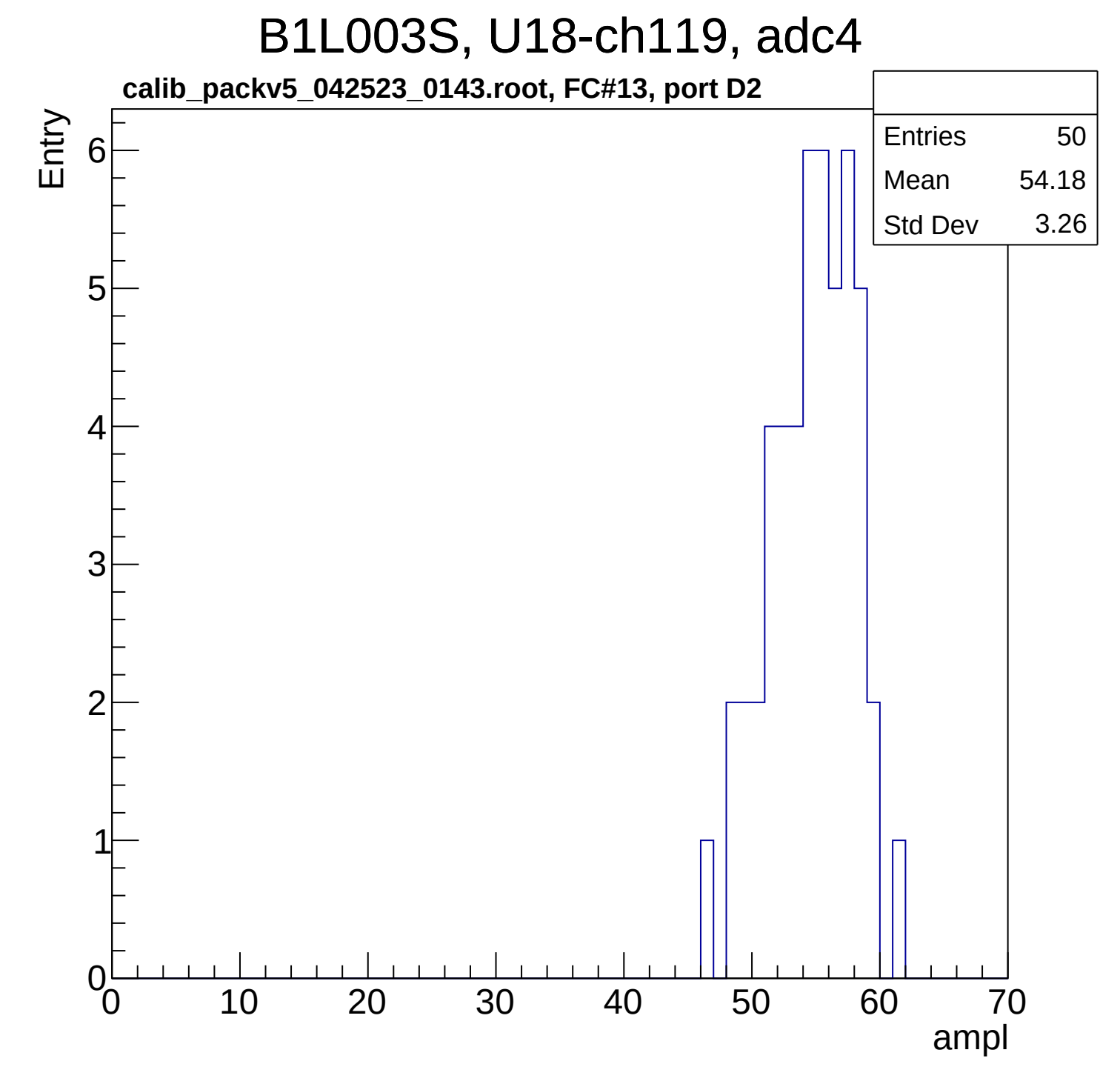

B1L003S, U18-ch118, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 5
Mean 37.6
Std Dev 30.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

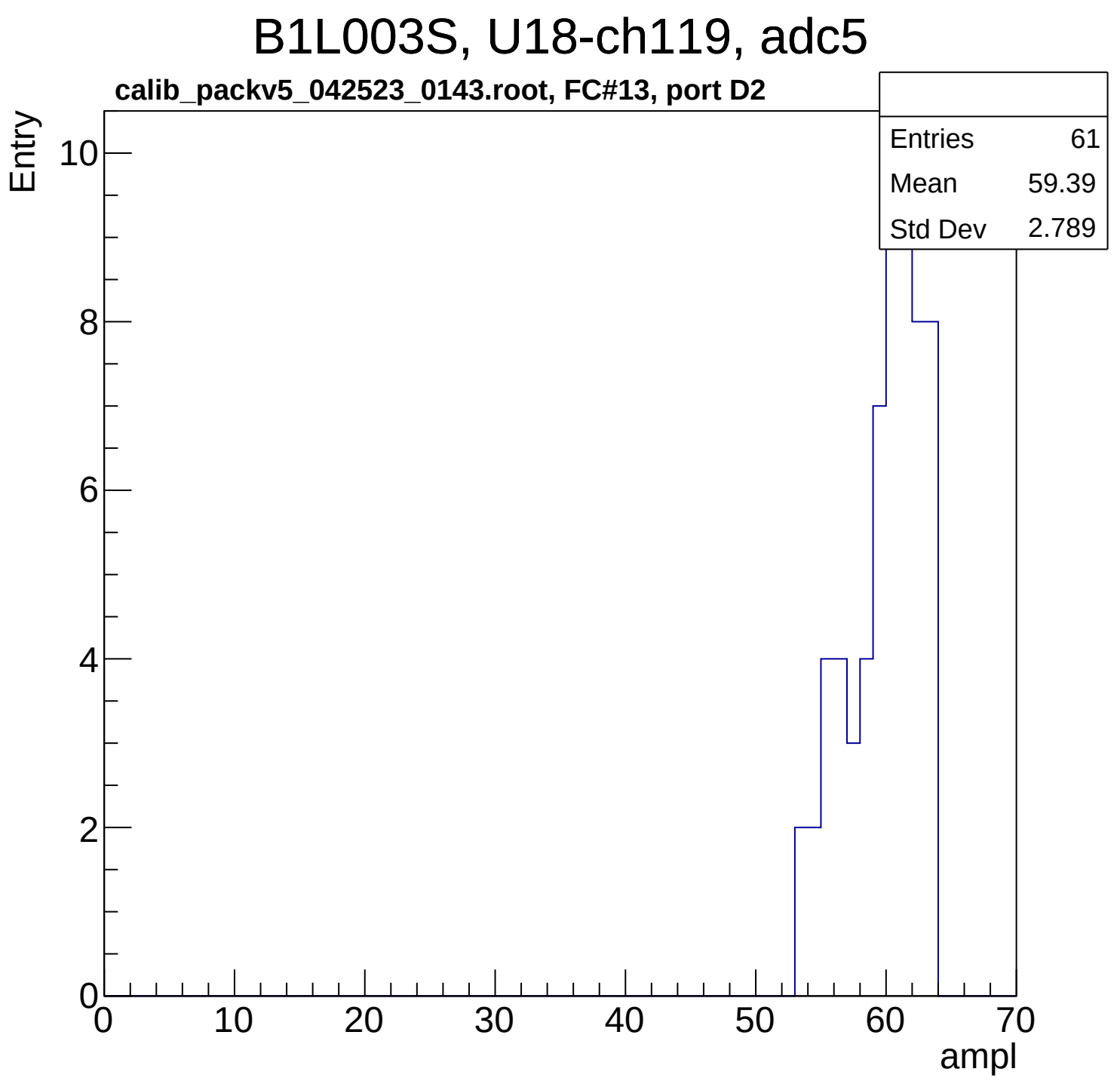

B1L003S, U18-ch119, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 29.41
Std Dev 4.915
Gaus mean : 30.5427
Gaus Width: 3.6046
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

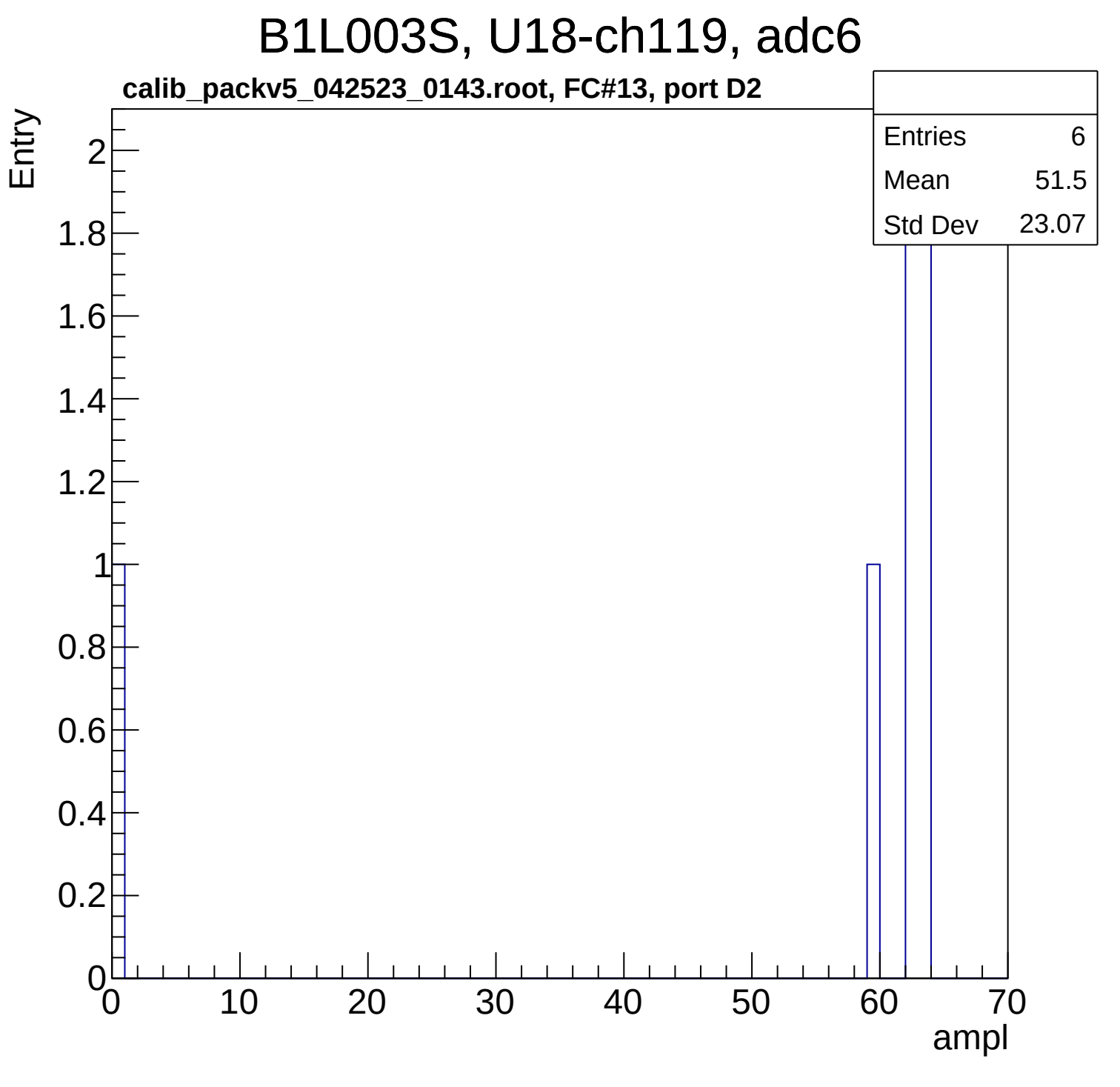

B1L003S, U18-ch119, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 62
Mean 37.13
Std Dev 3.21
Gaus mean : 37.4834
Gaus Width: 2.9924
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

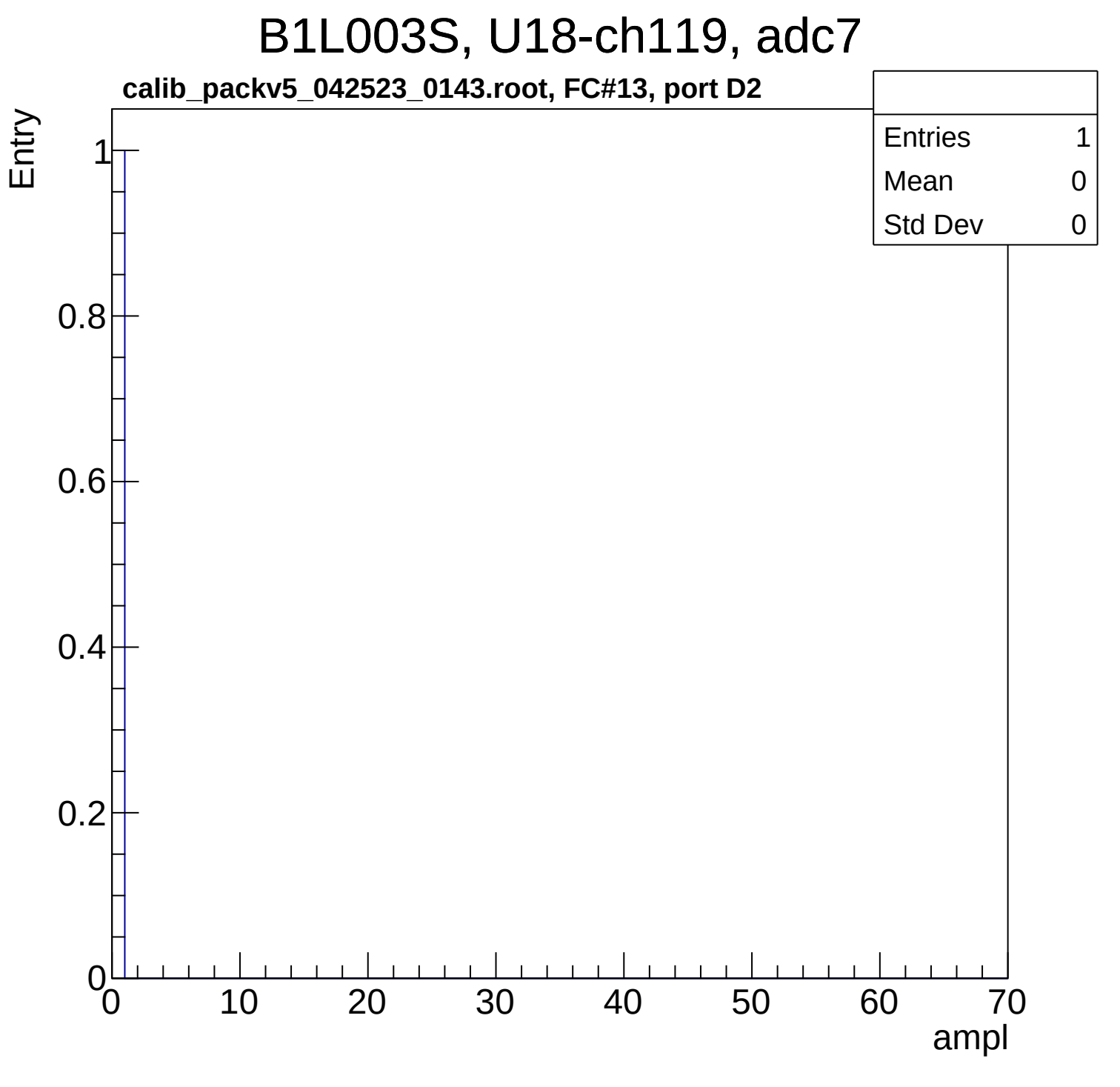

B1L003S, U18-ch119, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 68
Mean 42.96
Std Dev 3.89
Gaus mean : 43.5769
Gaus Width: 3.7055
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

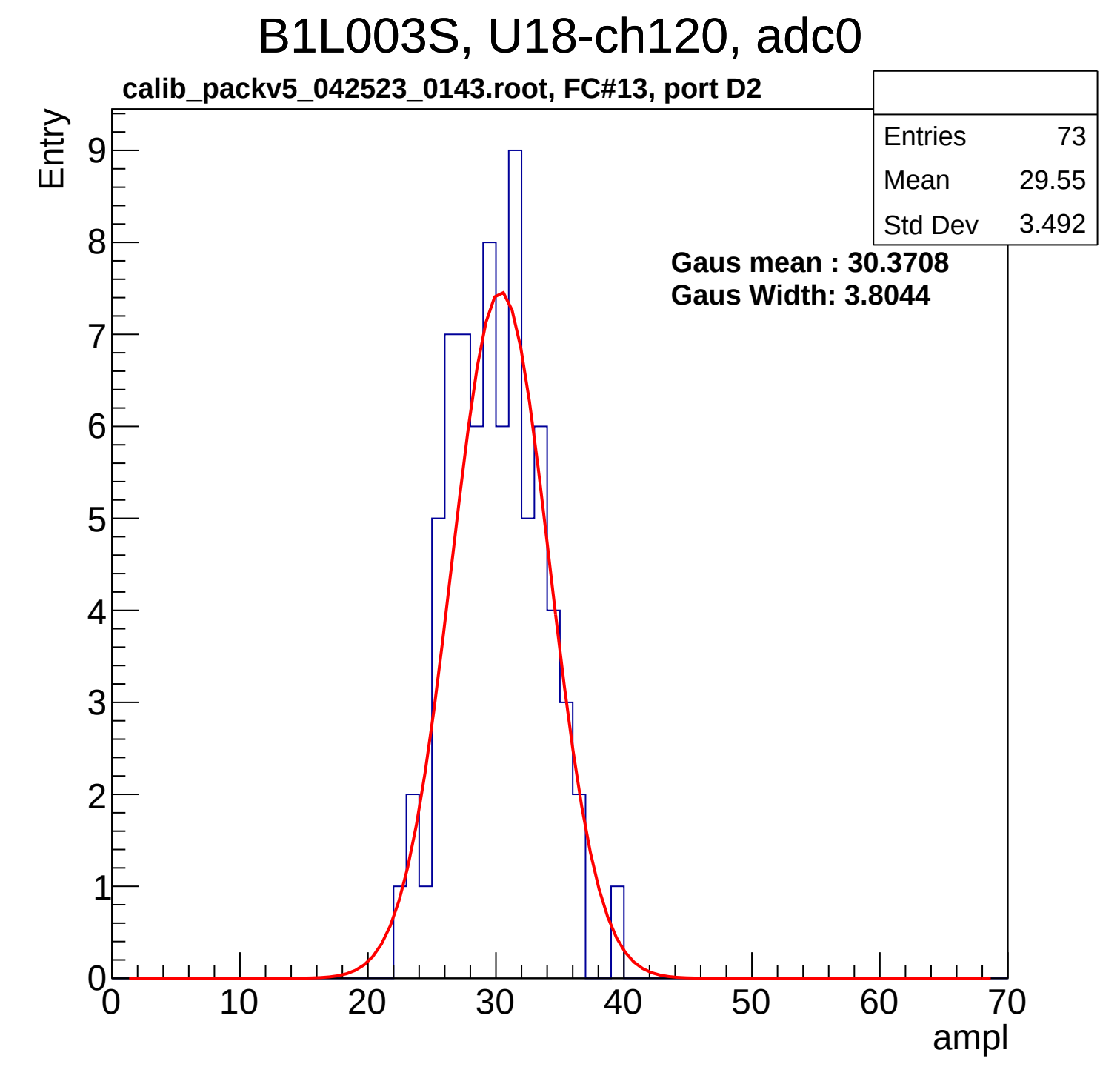

B1L003S, U18-ch119, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 49.45
Std Dev 3.34
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

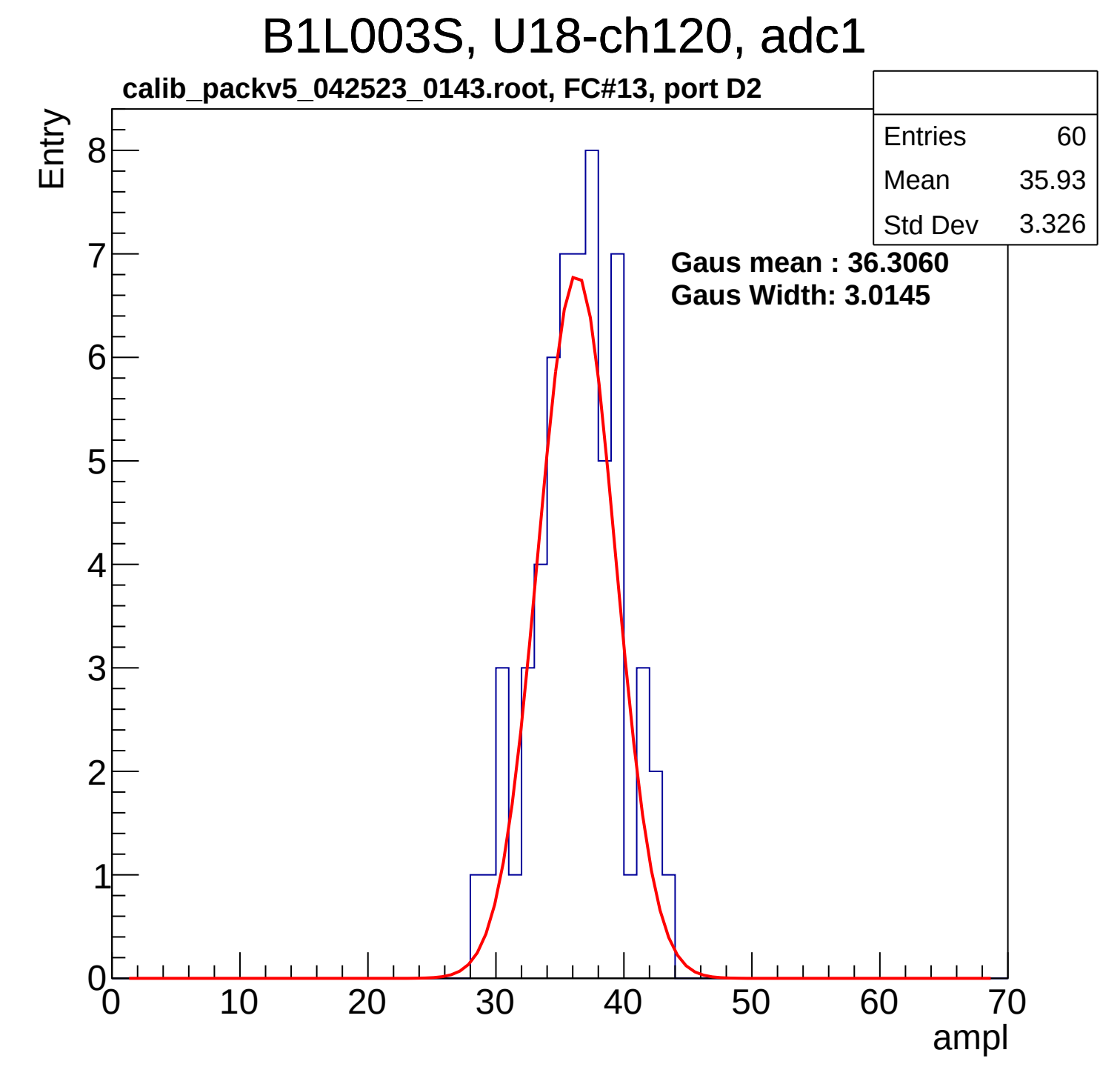

B1L003S, U18-ch119, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 54.18
Std Dev 3.26
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

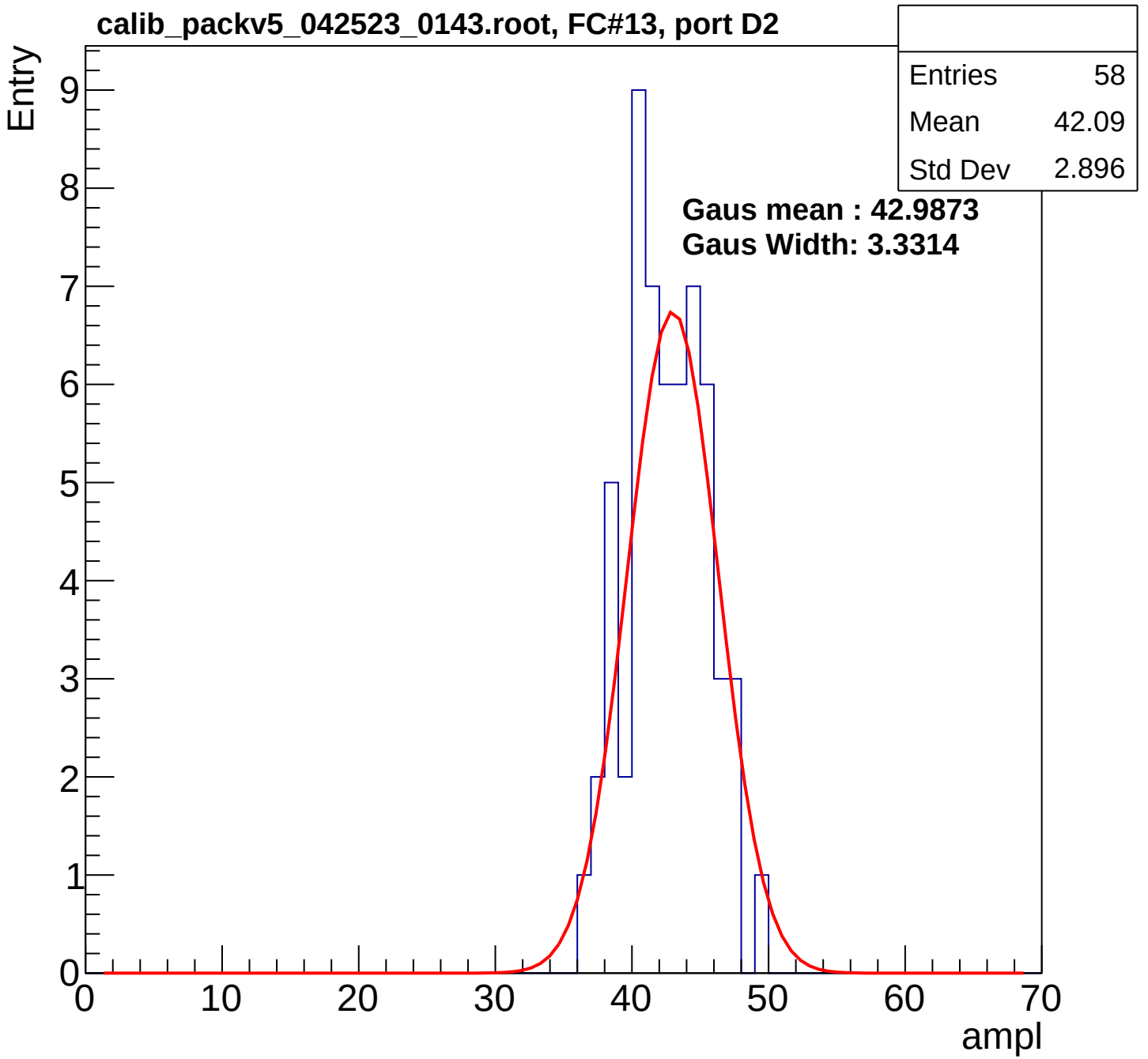

B1L003S, U18-ch119, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 59.39
Std Dev 2.789
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

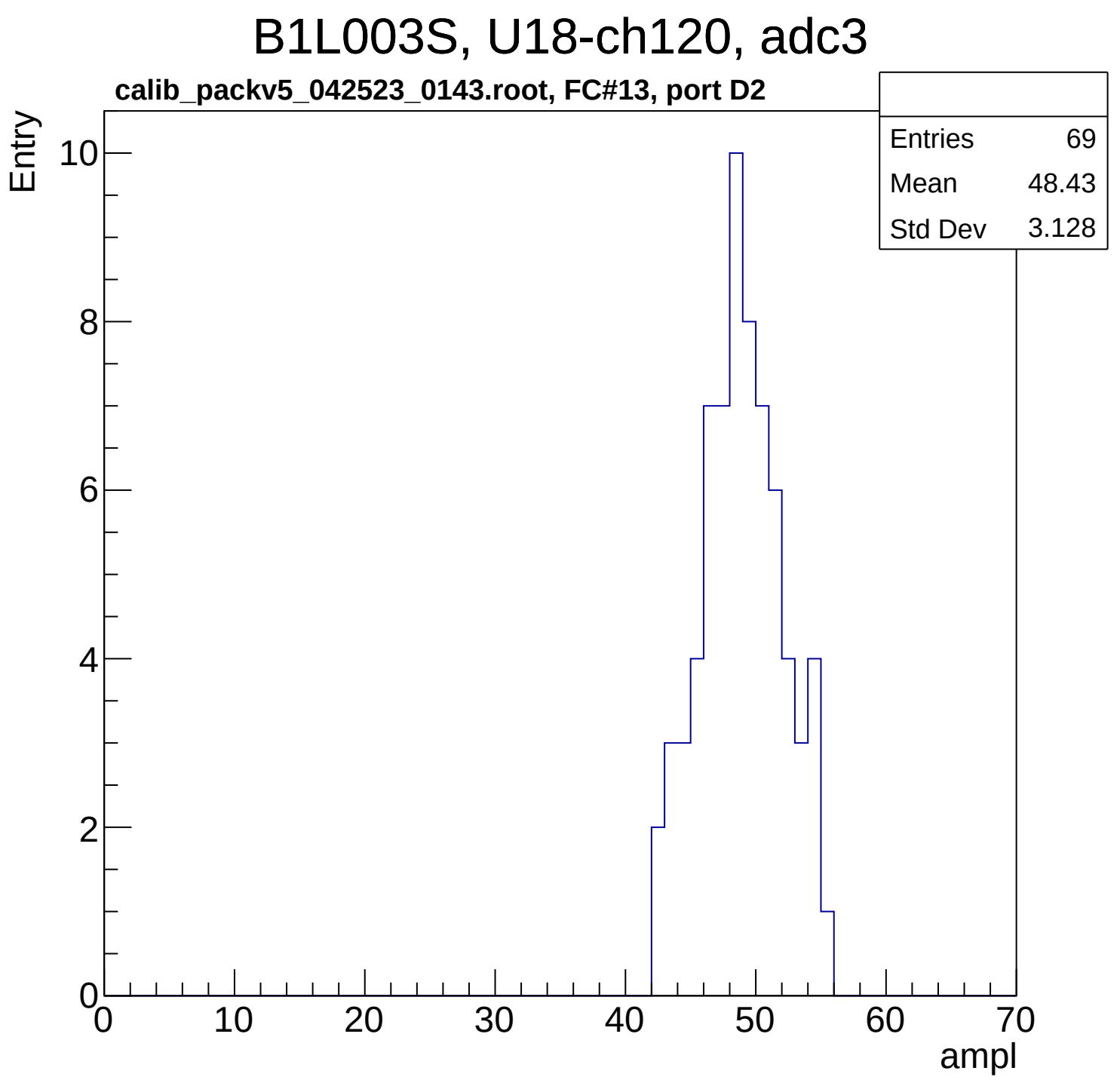

B1L003S, U18-ch119, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 6
Mean 51.5
Std Dev 23.07
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

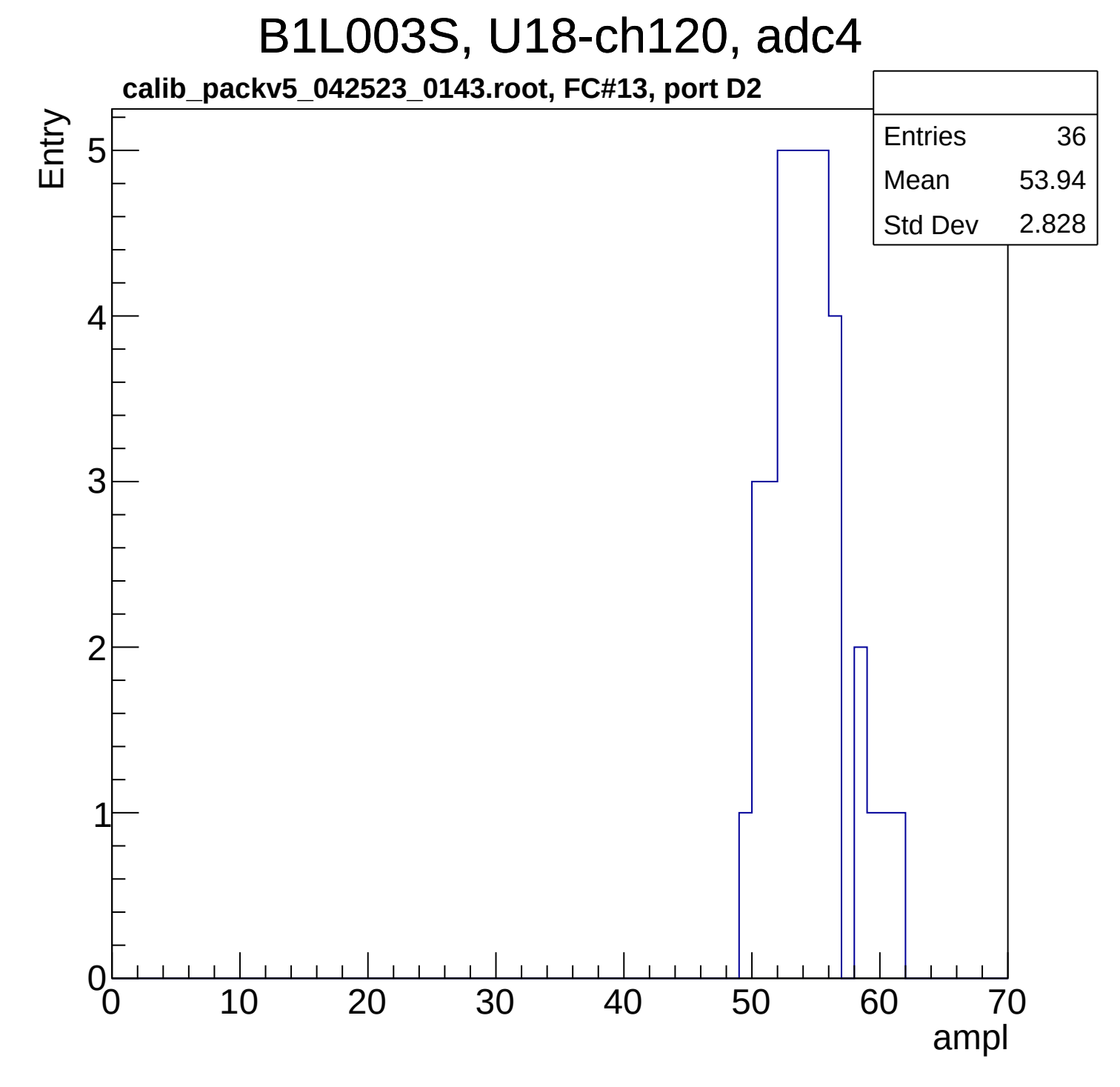

B1L003S, U18-ch119, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

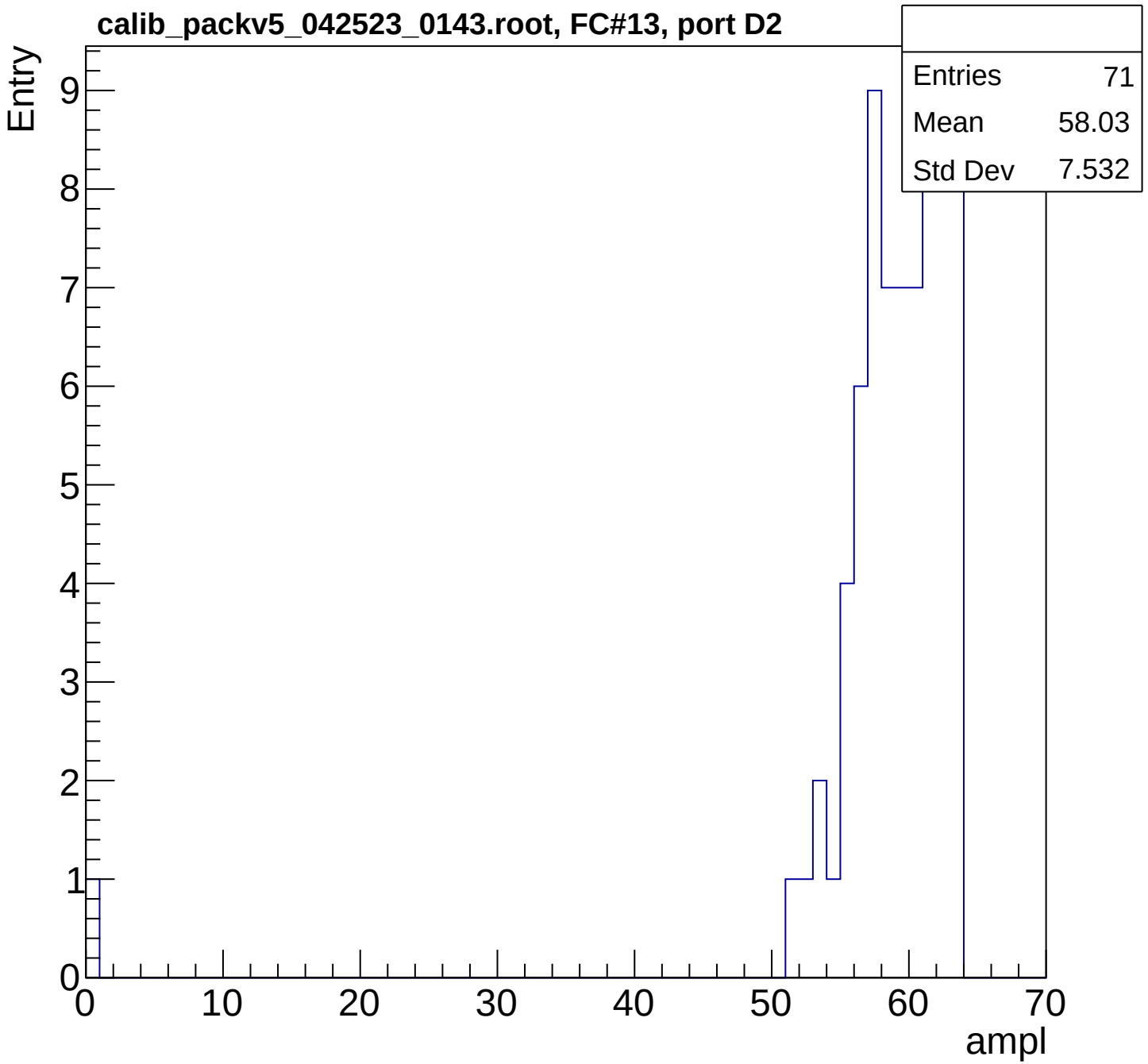

B1L003S, U18-ch120, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 29.55
Std Dev 3.492
Gaus mean : 30.3708
Gaus Width: 3.8044
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

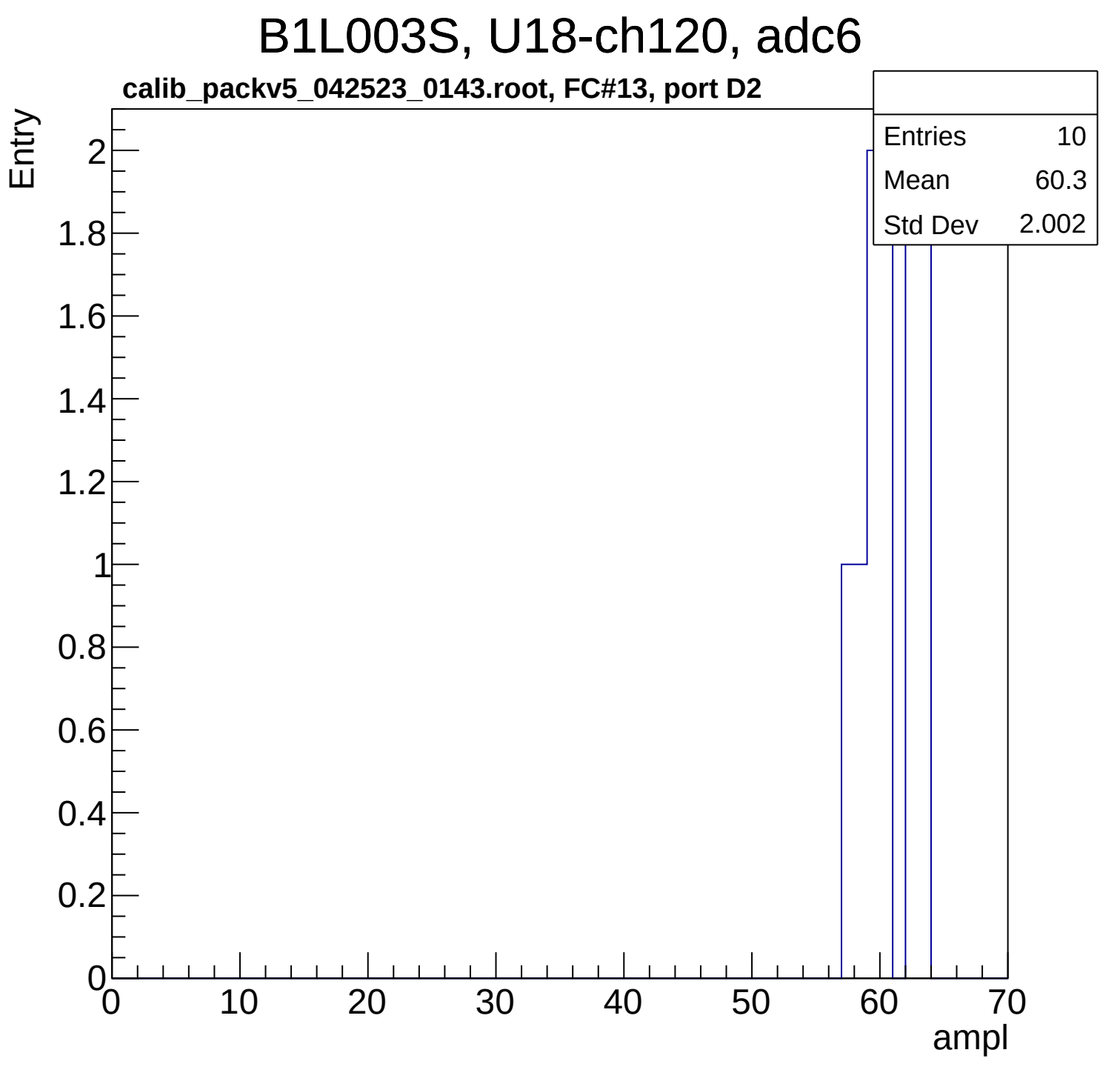

B1L003S, U18-ch120, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 35.93
Std Dev 3.326
Gaus mean : 36.3060
Gaus Width: 3.0145
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

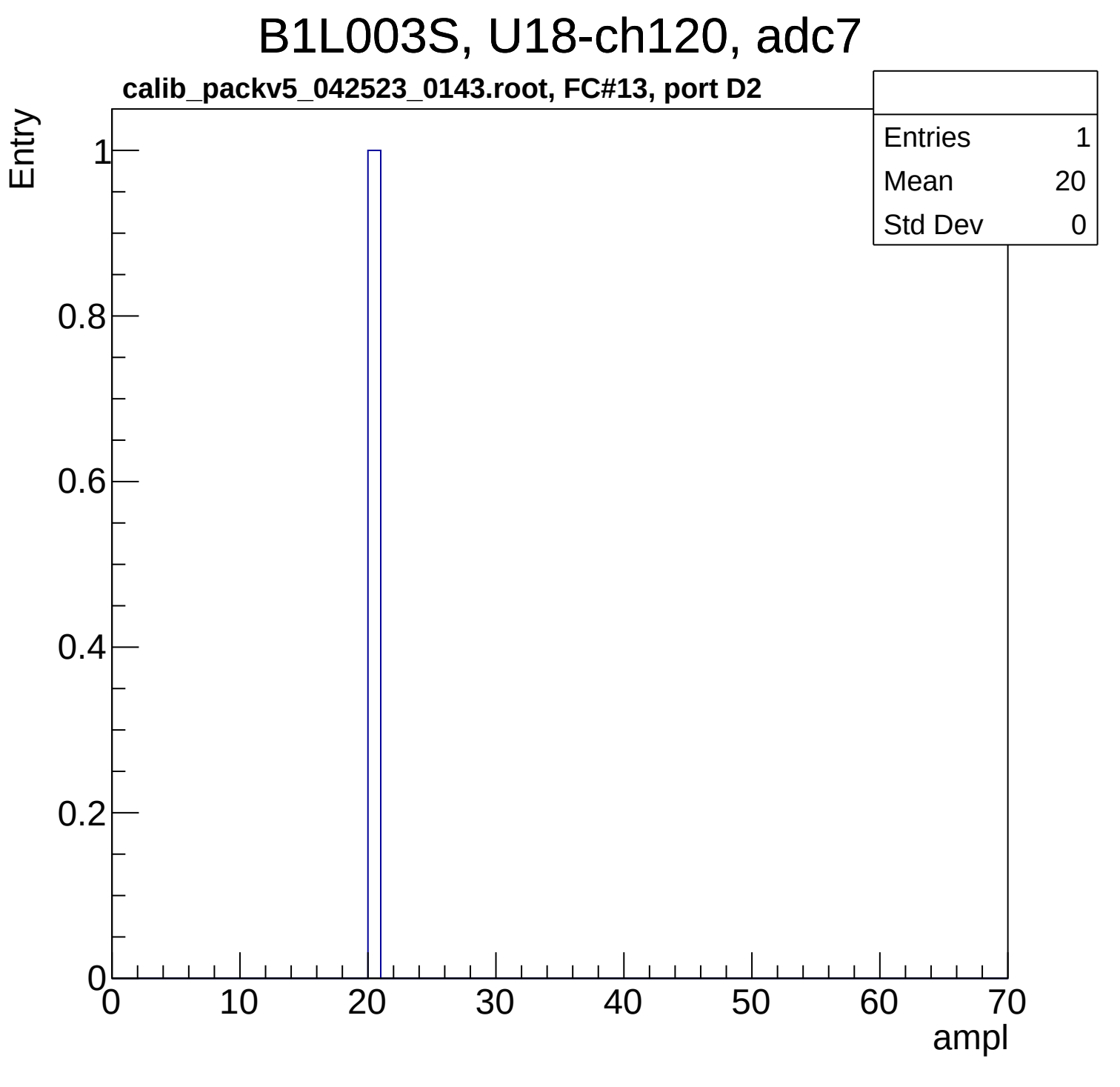

B1L003S, U18-ch120, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 42.09
Std Dev 2.896
Gaus mean : 42.9873
Gaus Width: 3.3314
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

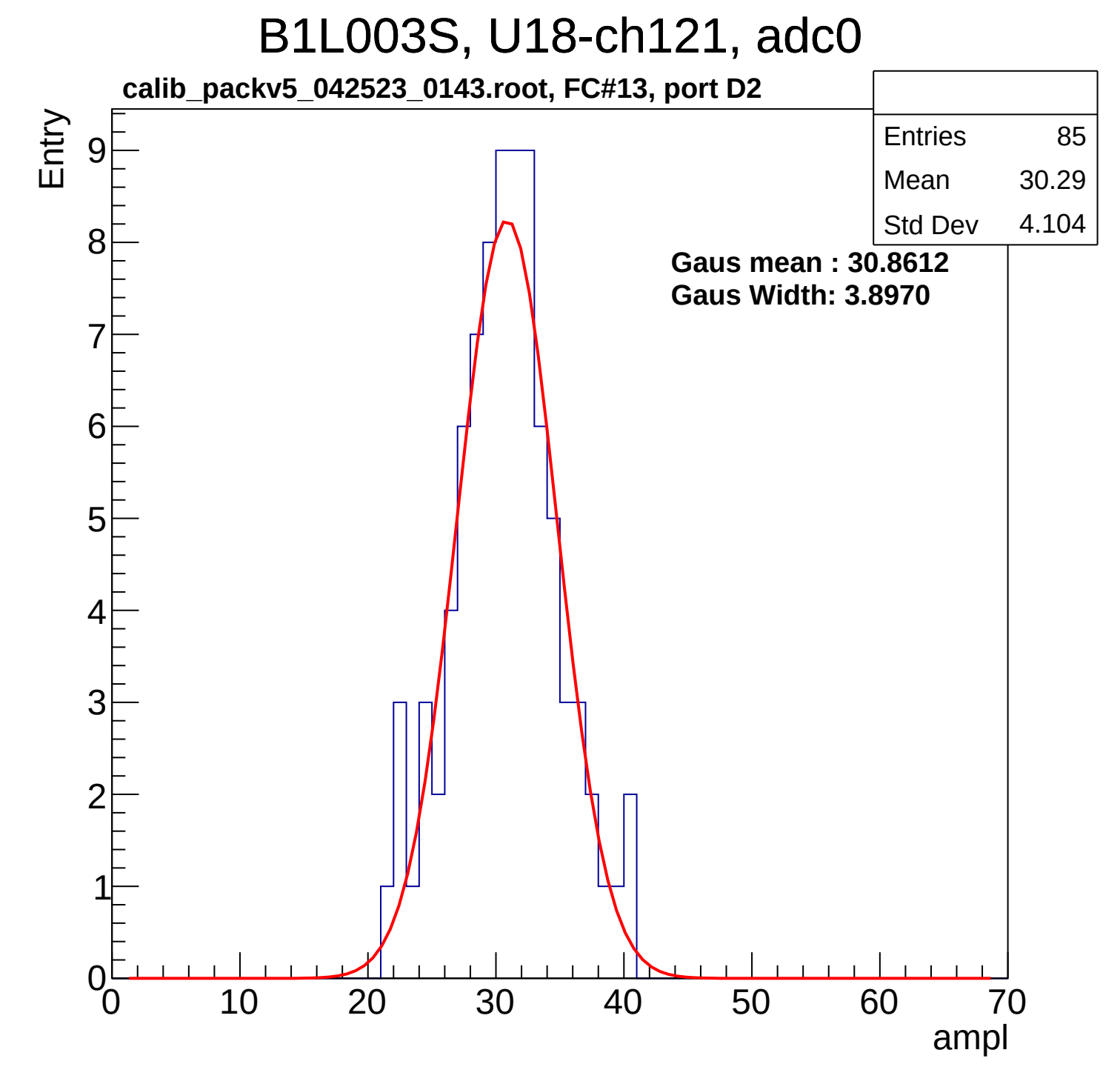

B1L003S, U18-ch120, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 69
Mean 48.43
Std Dev 3.128
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

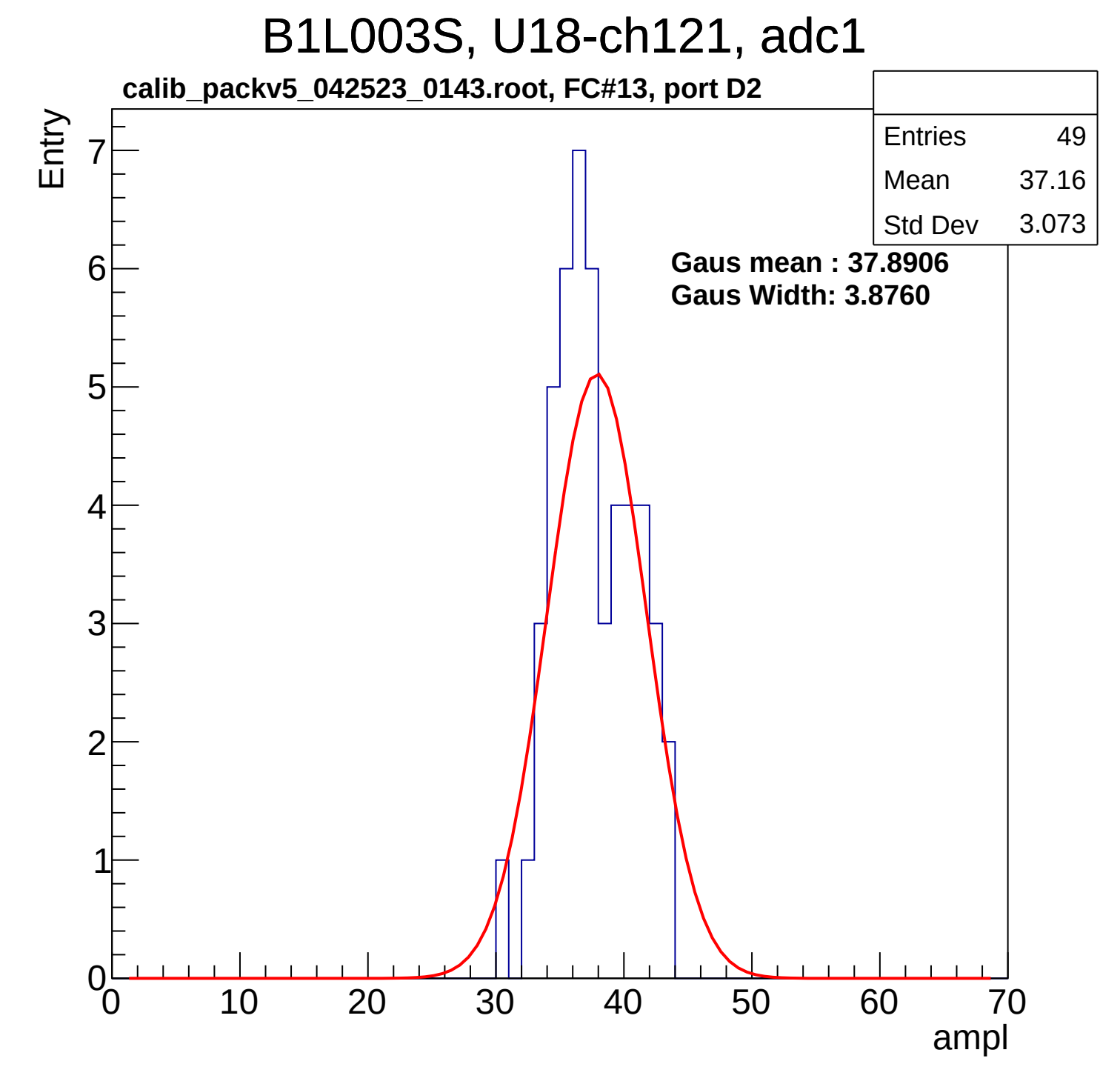

B1L003S, U18-ch120, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 36
Mean 53.94
Std Dev 2.828
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

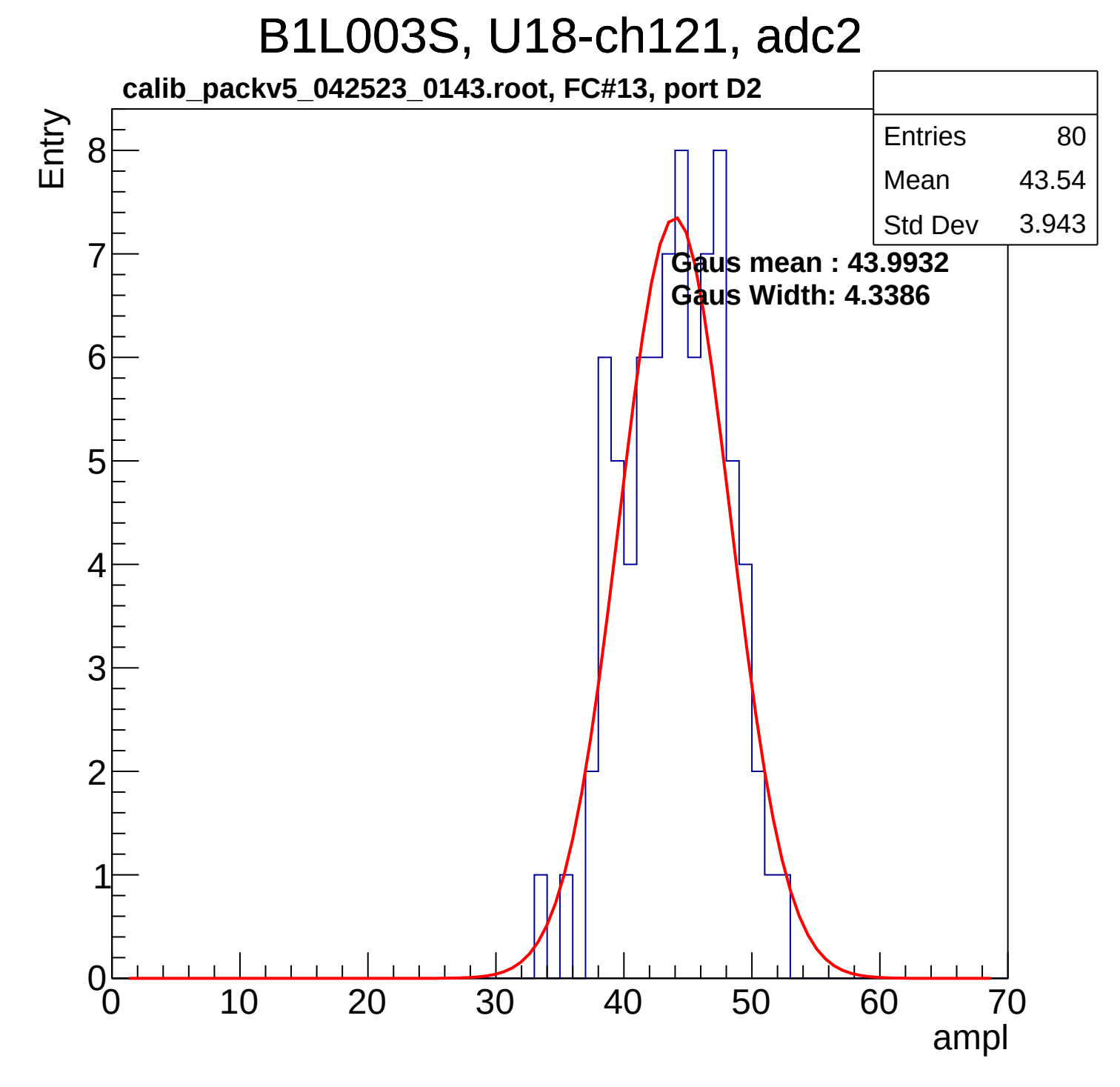

B1L003S, U18-ch120, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 58.03
Std Dev 7.532
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

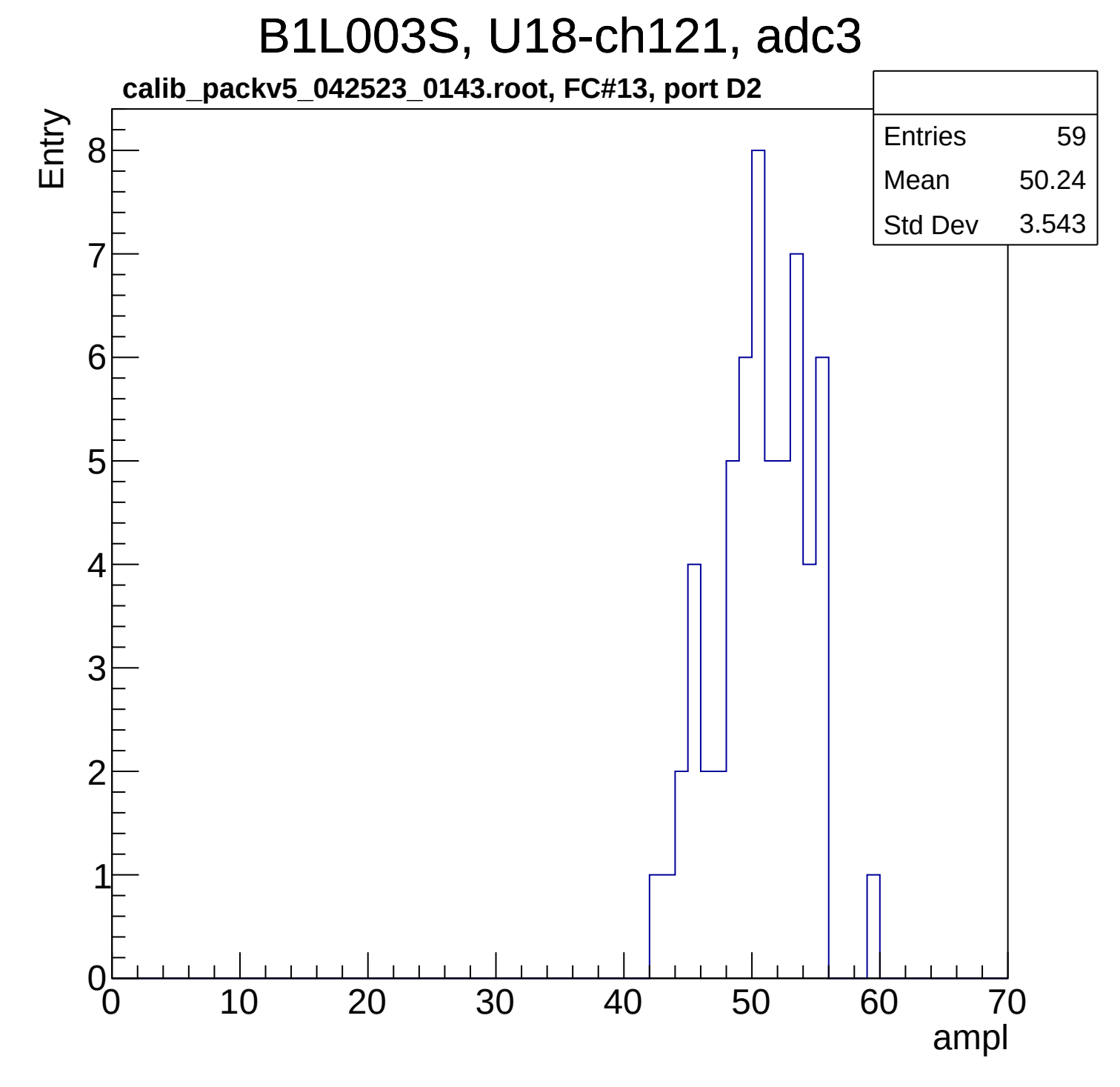

B1L003S, U18-ch120, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 60.3
Std Dev 2.002
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

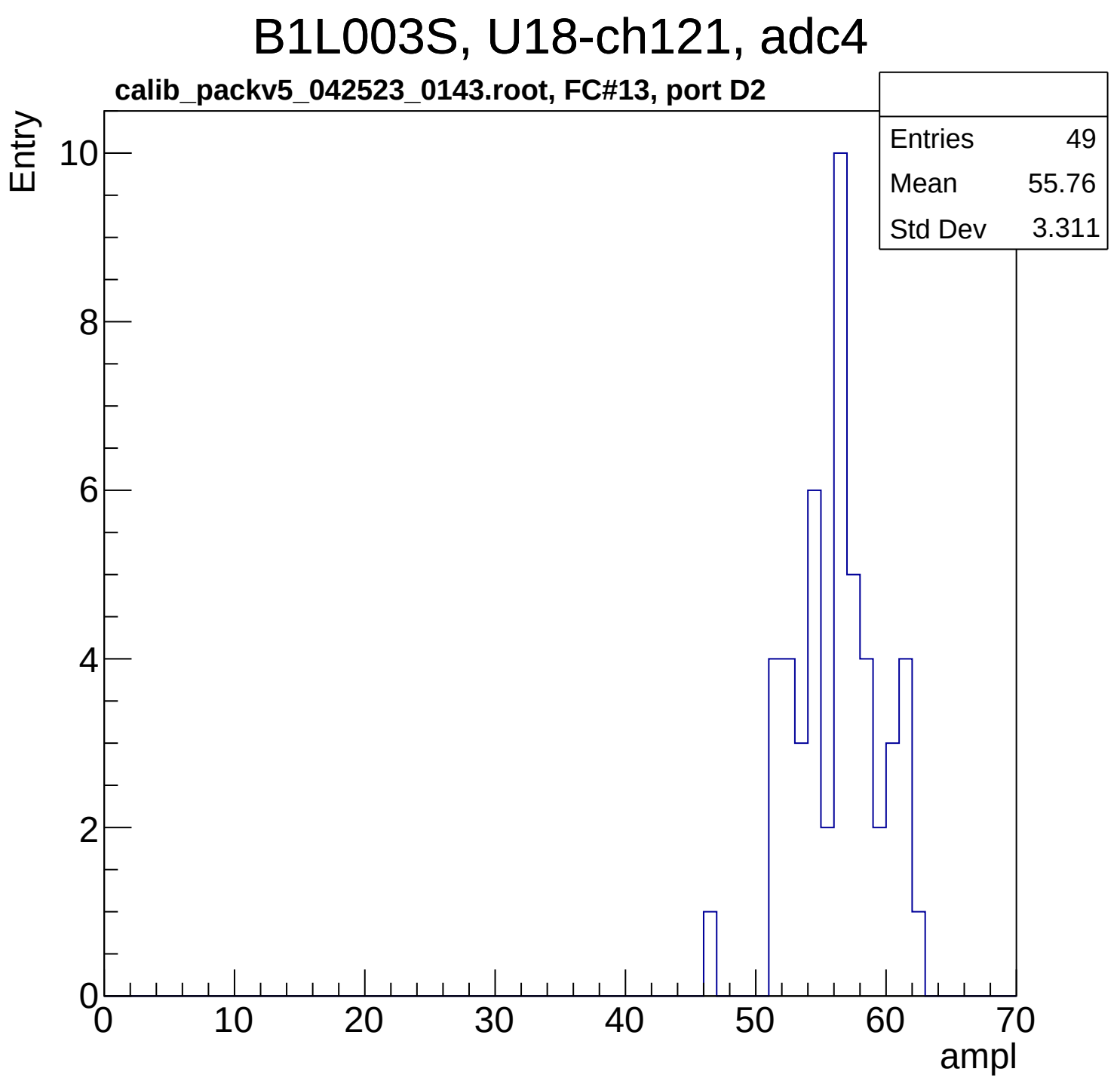

B1L003S, U18-ch120, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

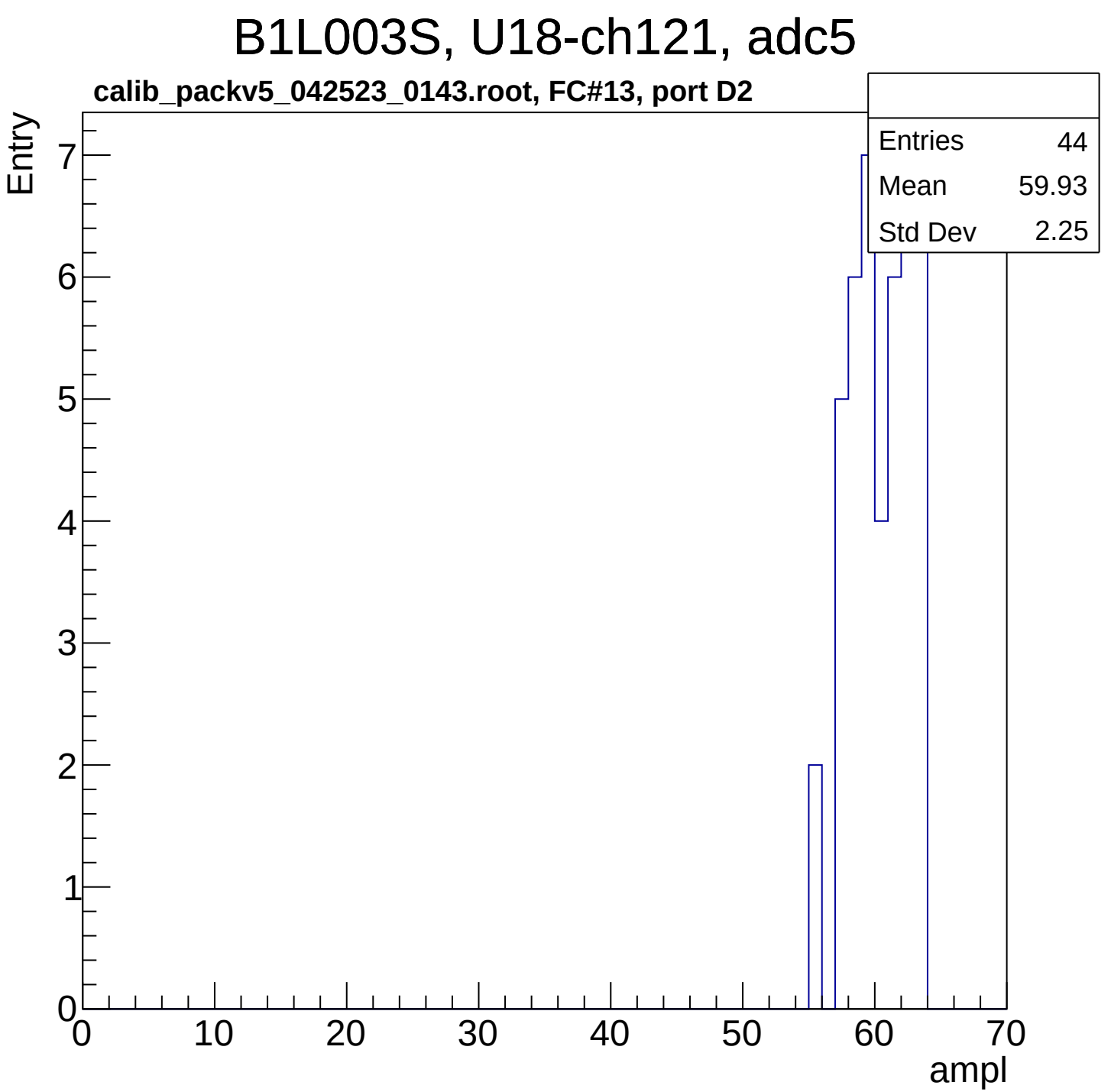

B1L003S, U18-ch121, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 85
Mean 30.29
Std Dev 4.104
Gaus mean : 30.8612
Gaus Width: 3.8970
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

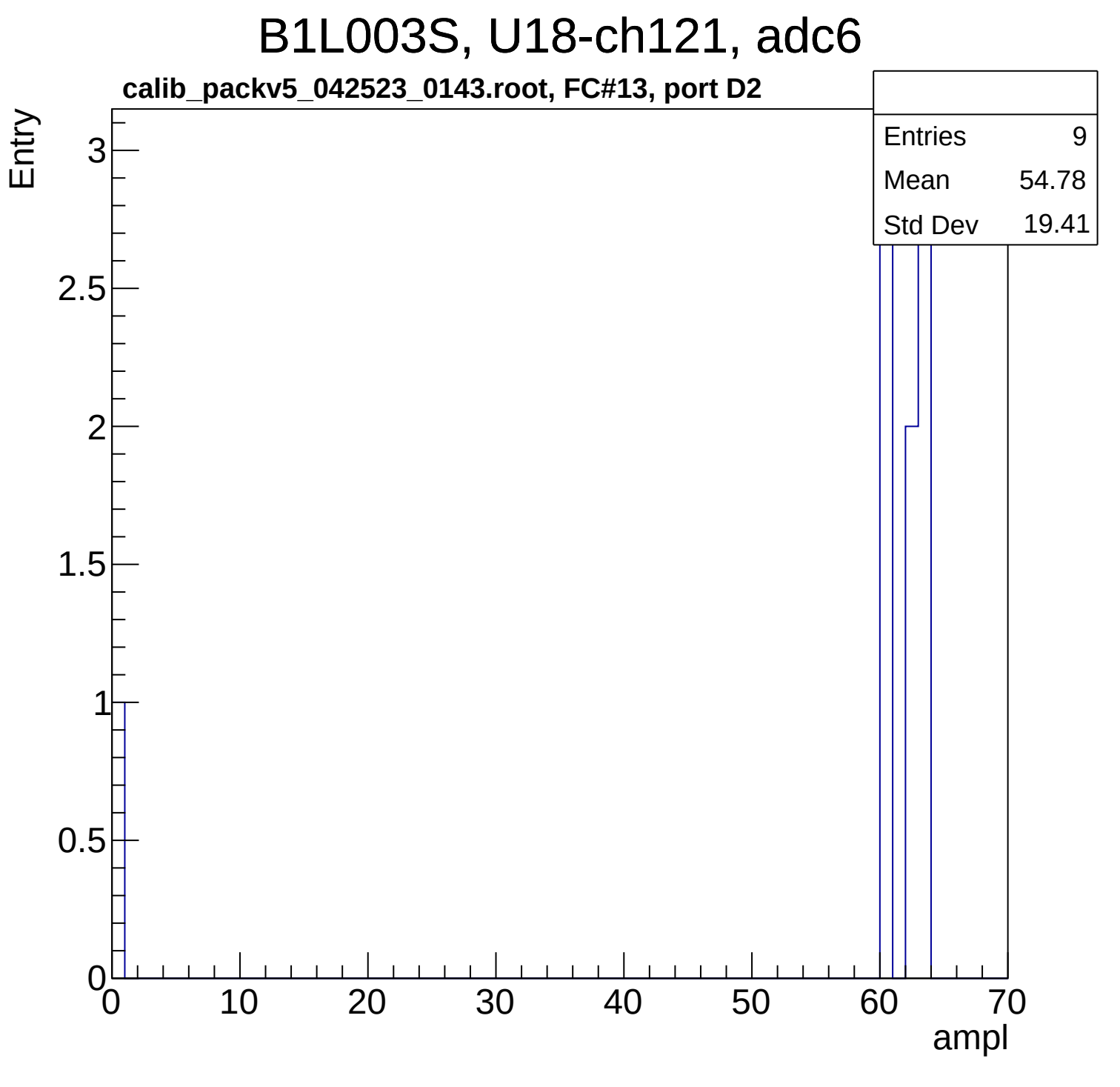

B1L003S, U18-ch121, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 37.16
Std Dev 3.073
Gaus mean : 37.8906
Gaus Width: 3.8760
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

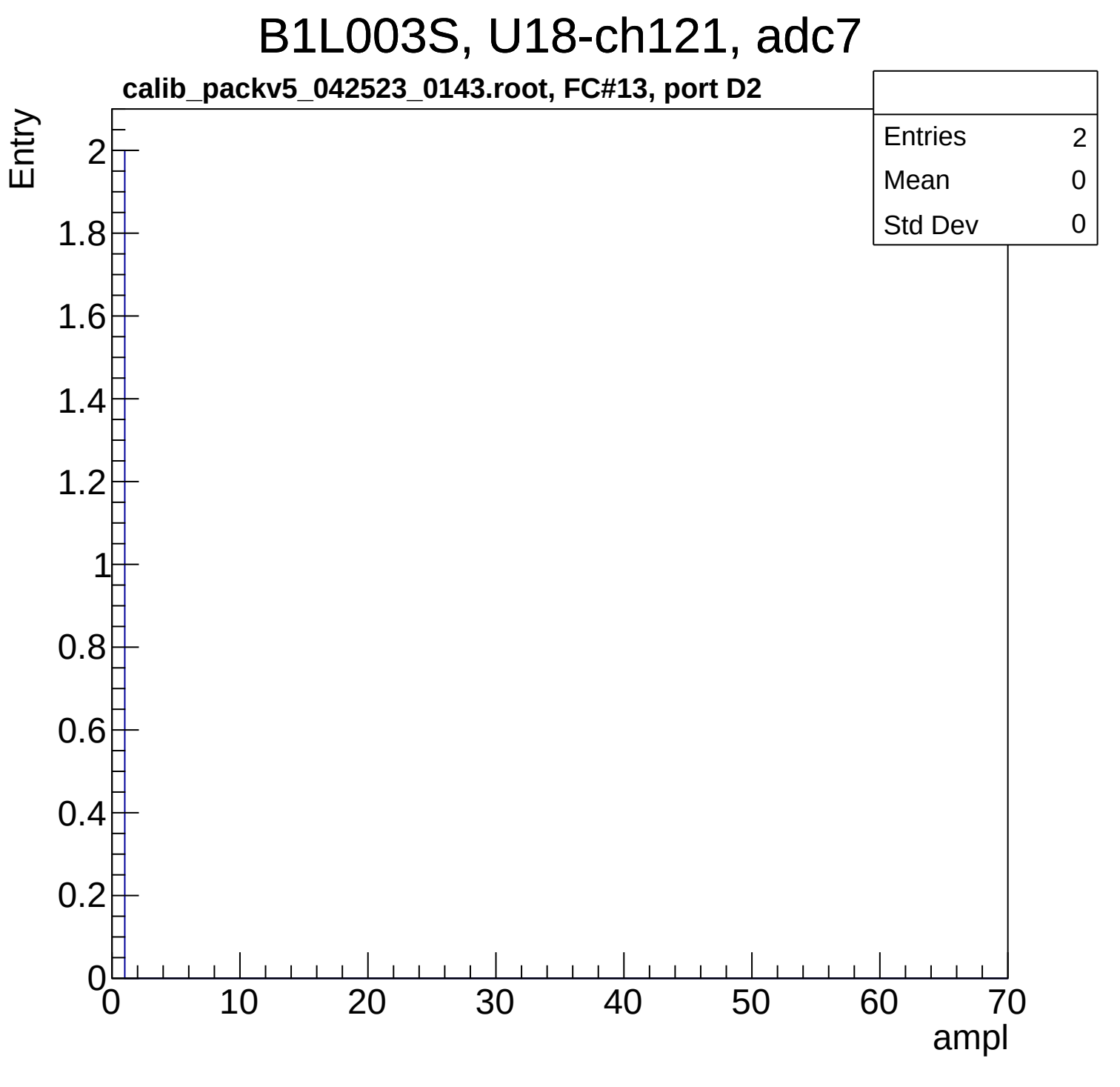

B1L003S, U18-ch121, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 43.54
Std Dev 3.943
Gaus mean : 43.9932
Gaus Width: 4.3386
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

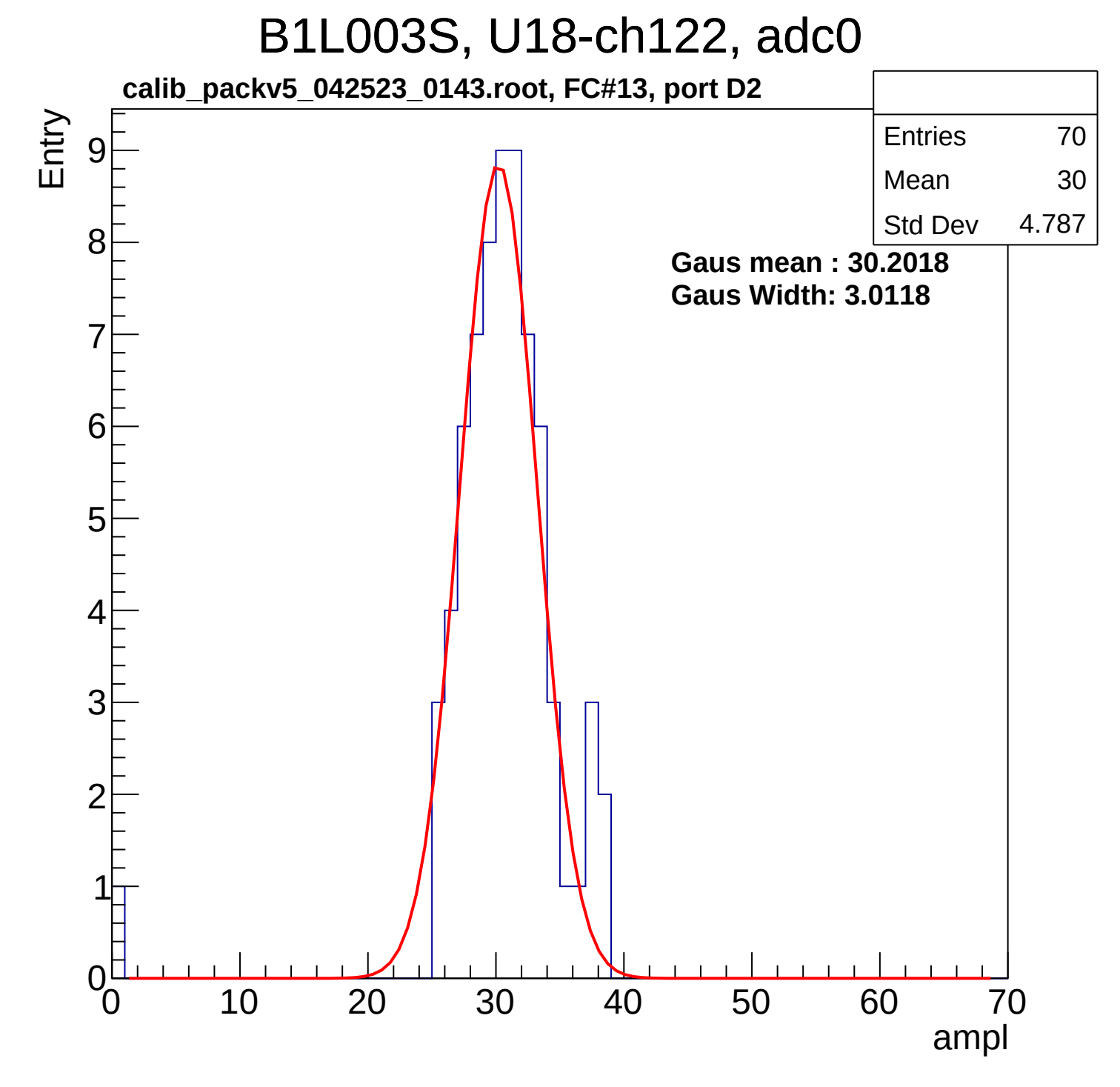

B1L003S, U18-ch121, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 50.24
Std Dev 3.543
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

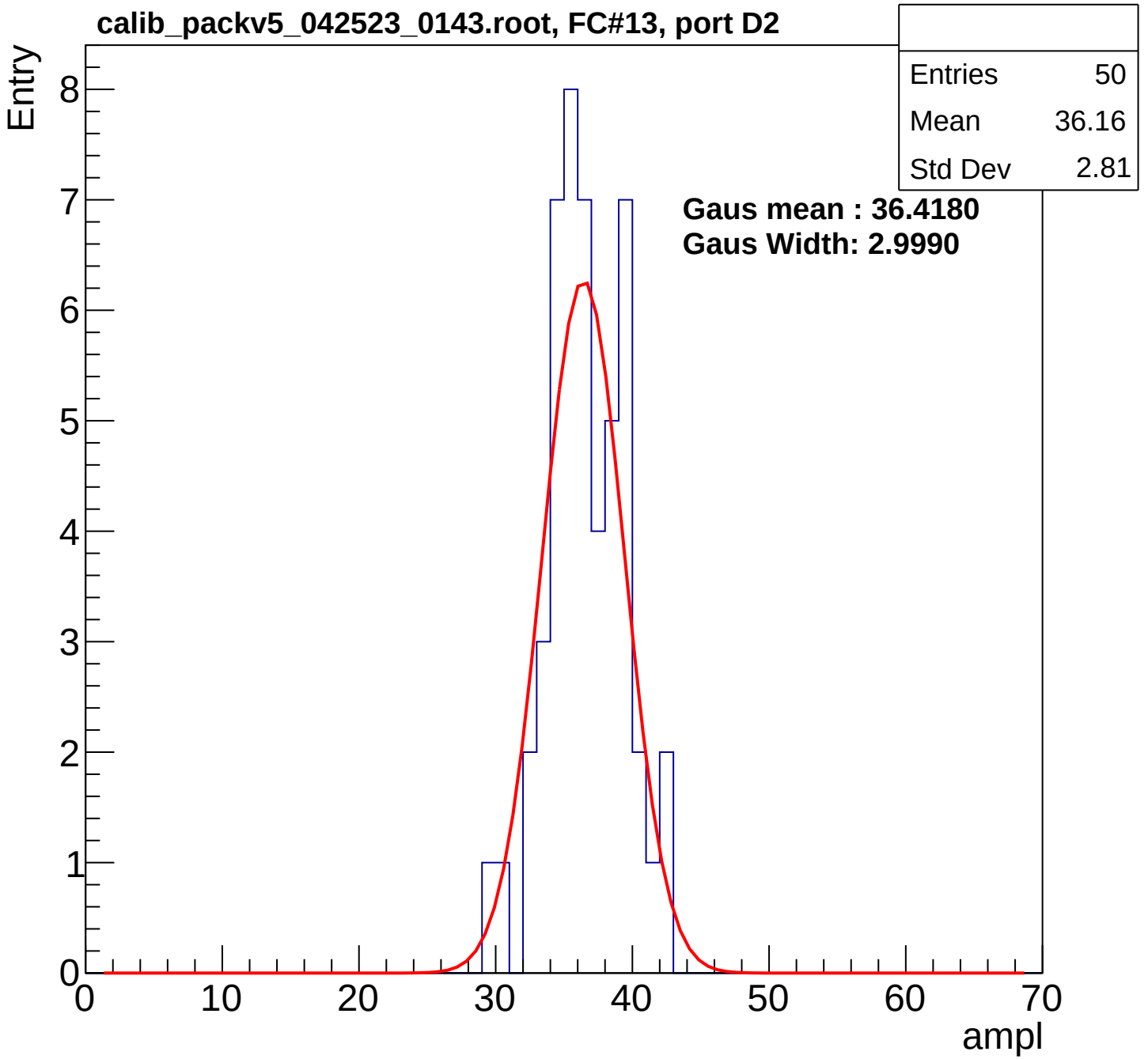

B1L003S, U18-ch121, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 55.76
Std Dev 3.311
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

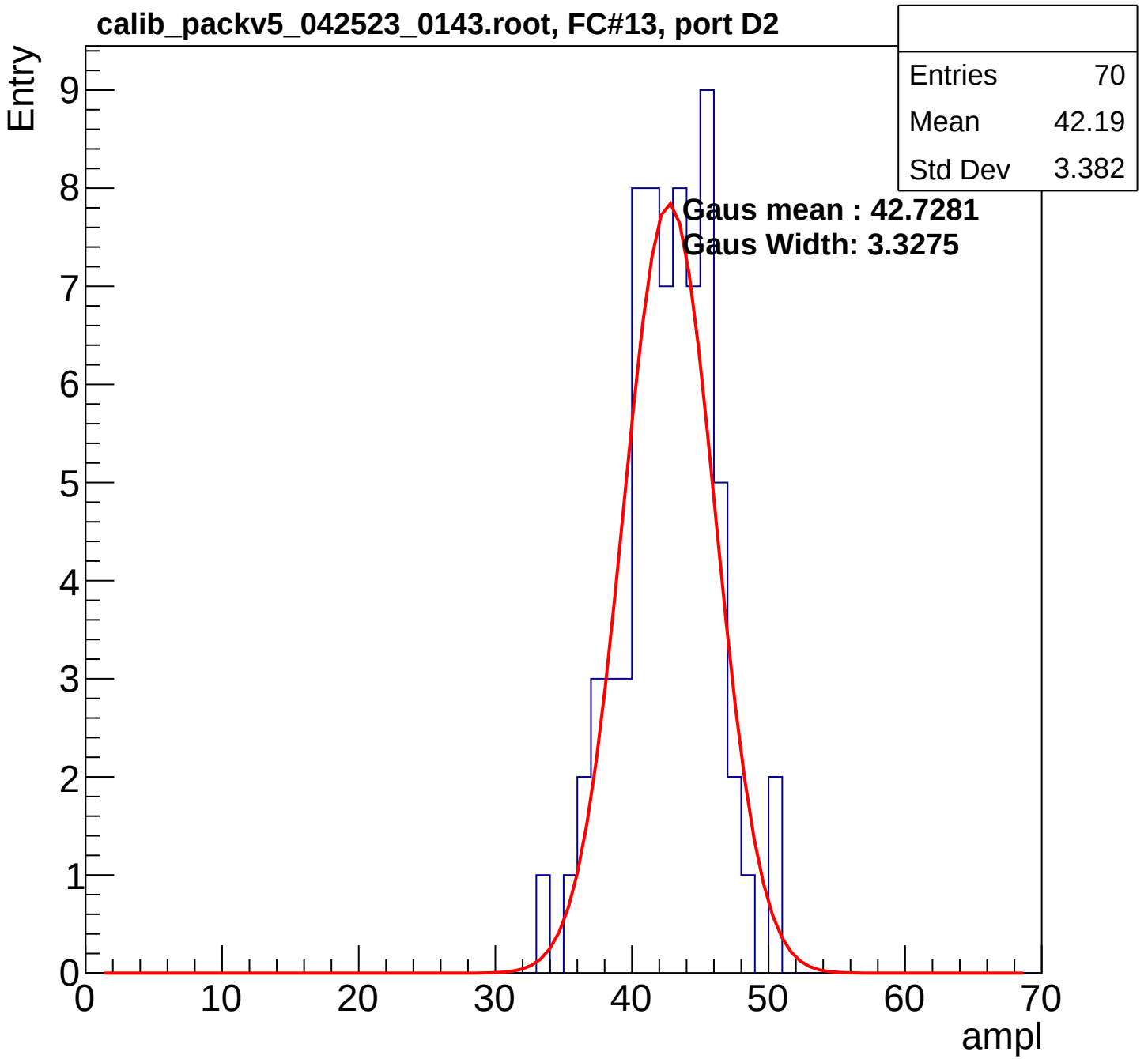

B1L003S, U18-ch121, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 59.93
Std Dev 2.25
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

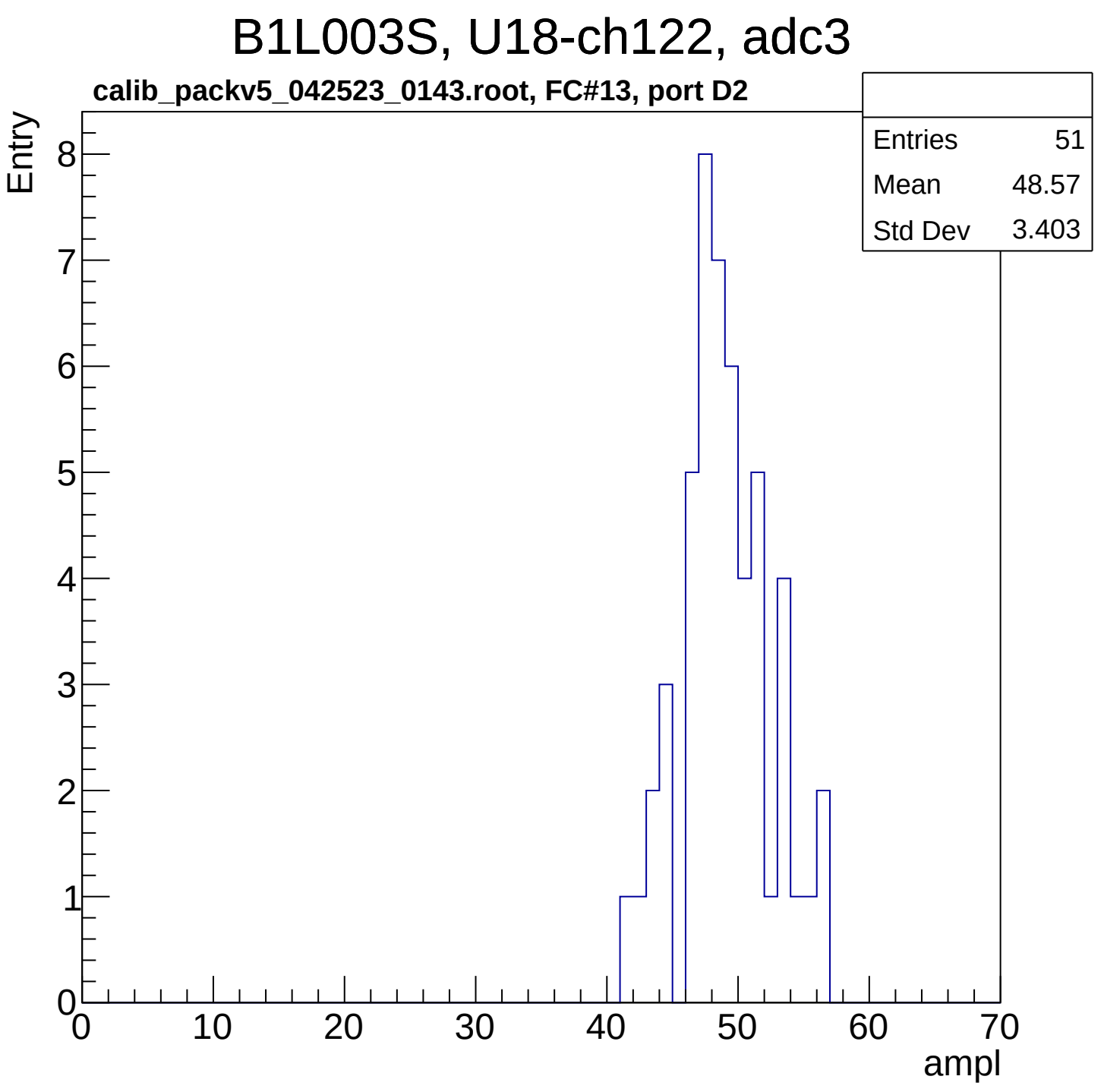

B1L003S, U18-ch121, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 54.78
Std Dev 19.41
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

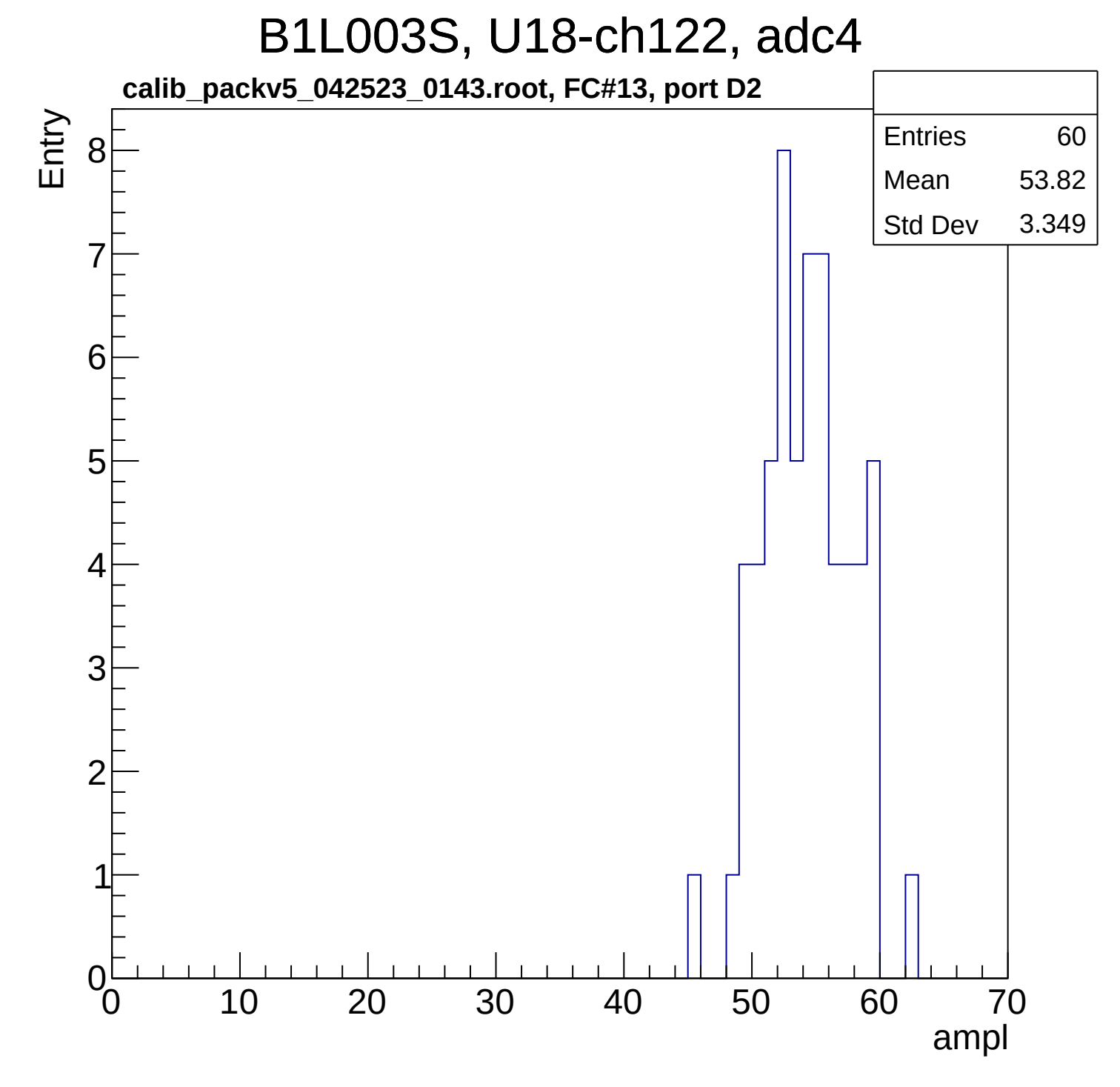

B1L003S, U18-ch121, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

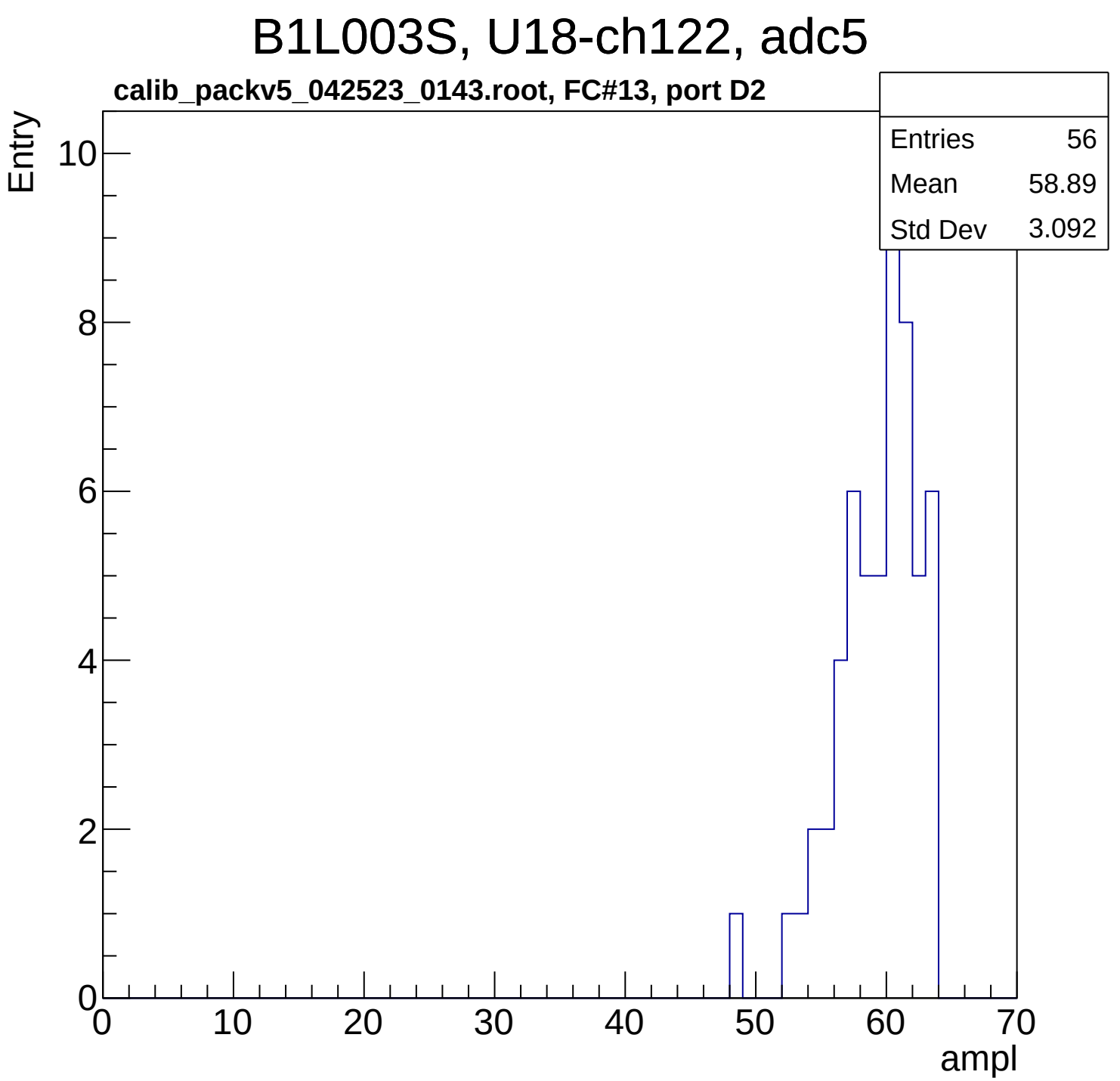

B1L003S, U18-ch122, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 30
Std Dev 4.787
Gaus mean : 30.2018
Gaus Width: 3.0118
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

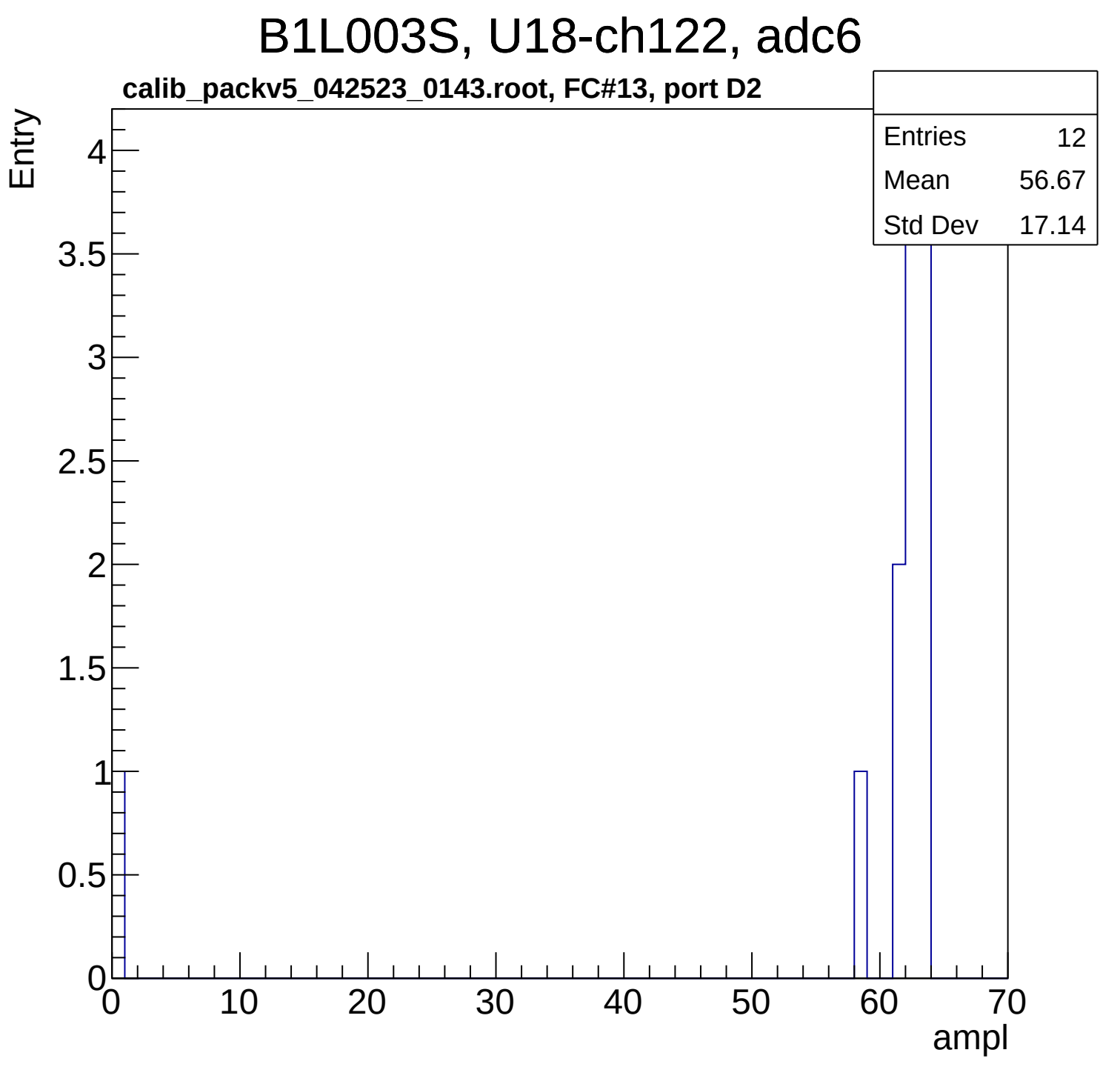

B1L003S, U18-ch122, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 50
Mean 36.16
Std Dev 2.81
Gaus mean : 36.4180
Gaus Width: 2.9990
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

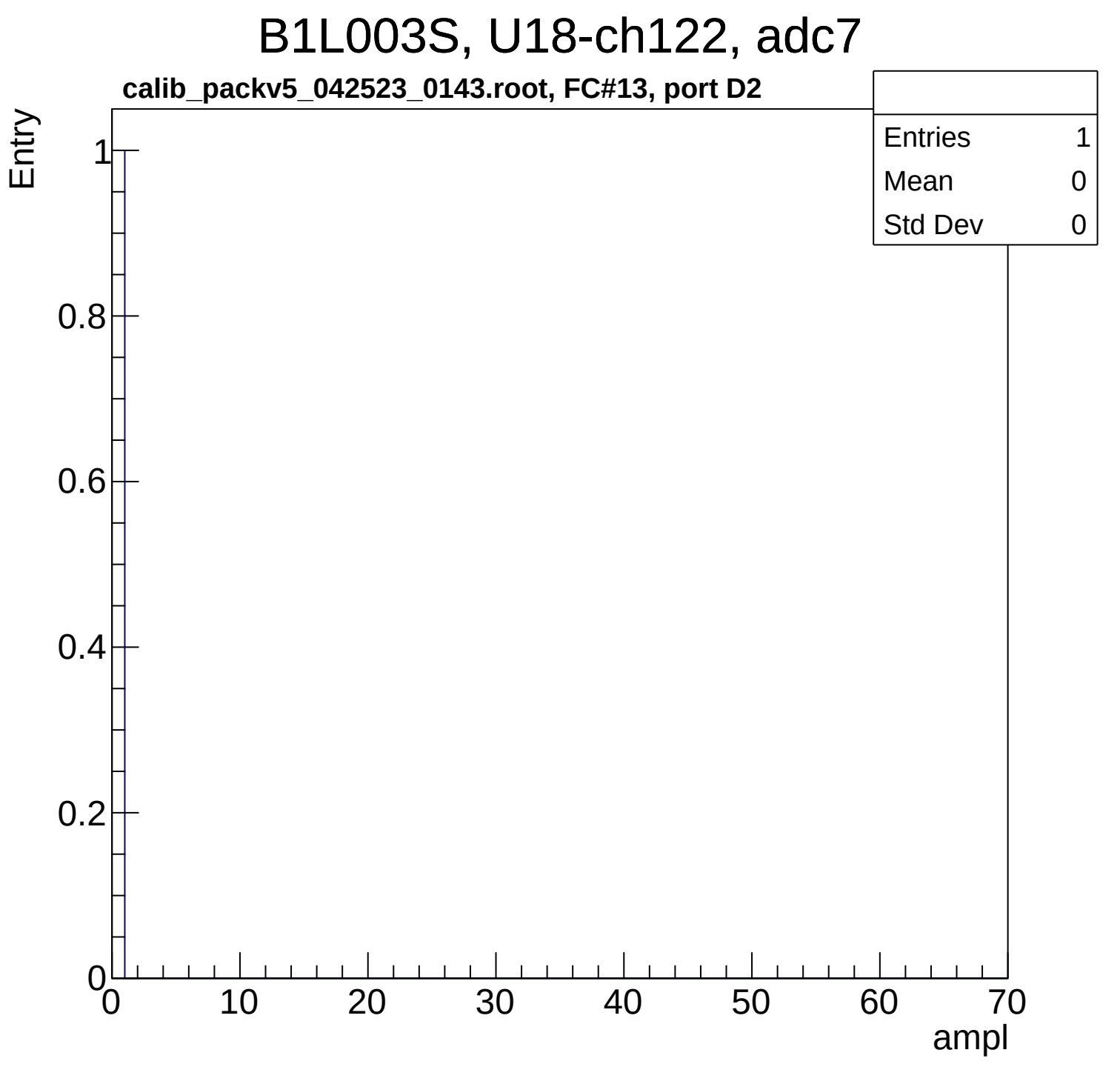

B1L003S, U18-ch122, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 42.19
Std Dev 3.382
Gaus mean : 42.7281
Gaus Width: 3.3275
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

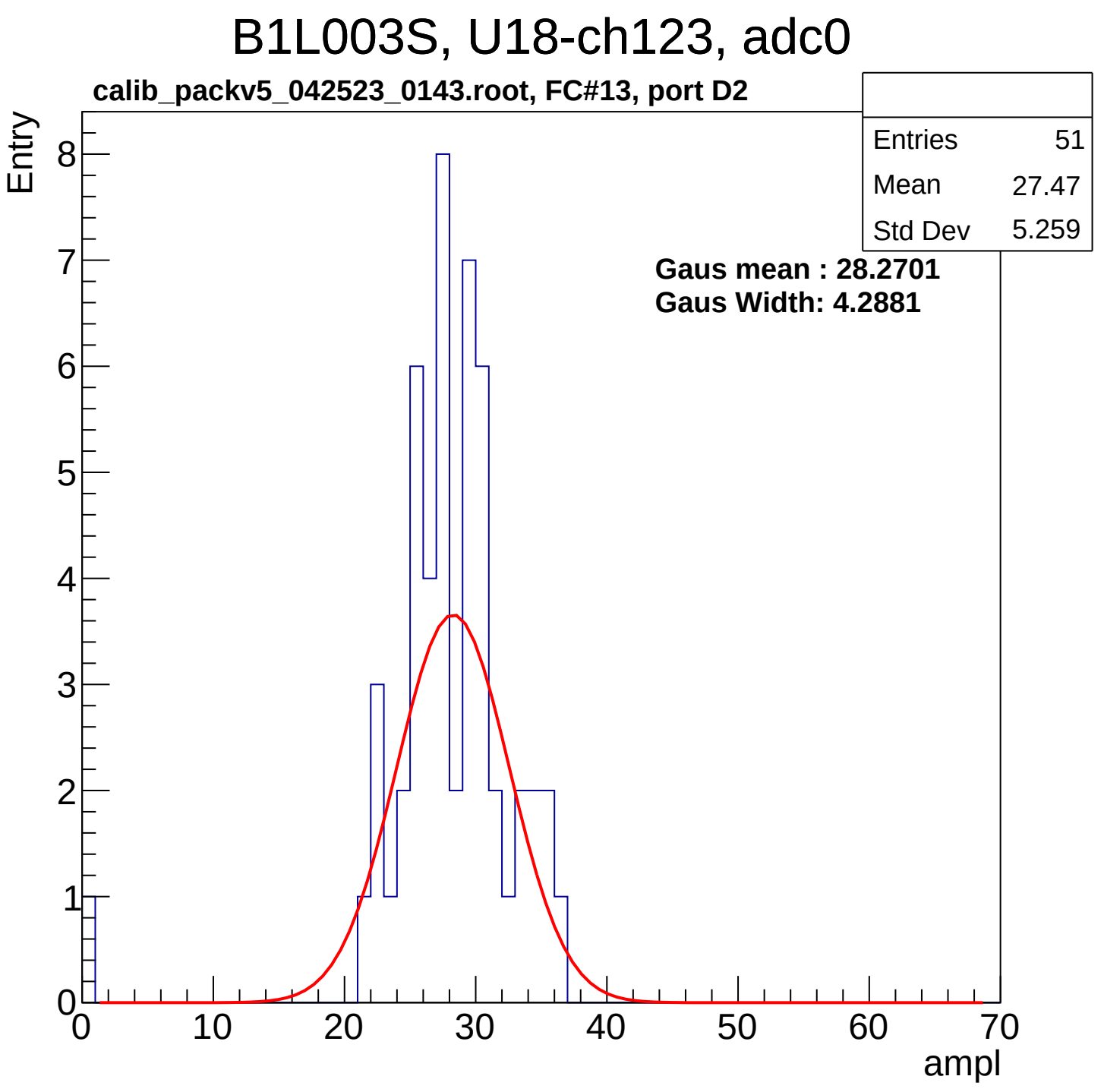

B1L003S, U18-ch122, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 48.57
Std Dev 3.403
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

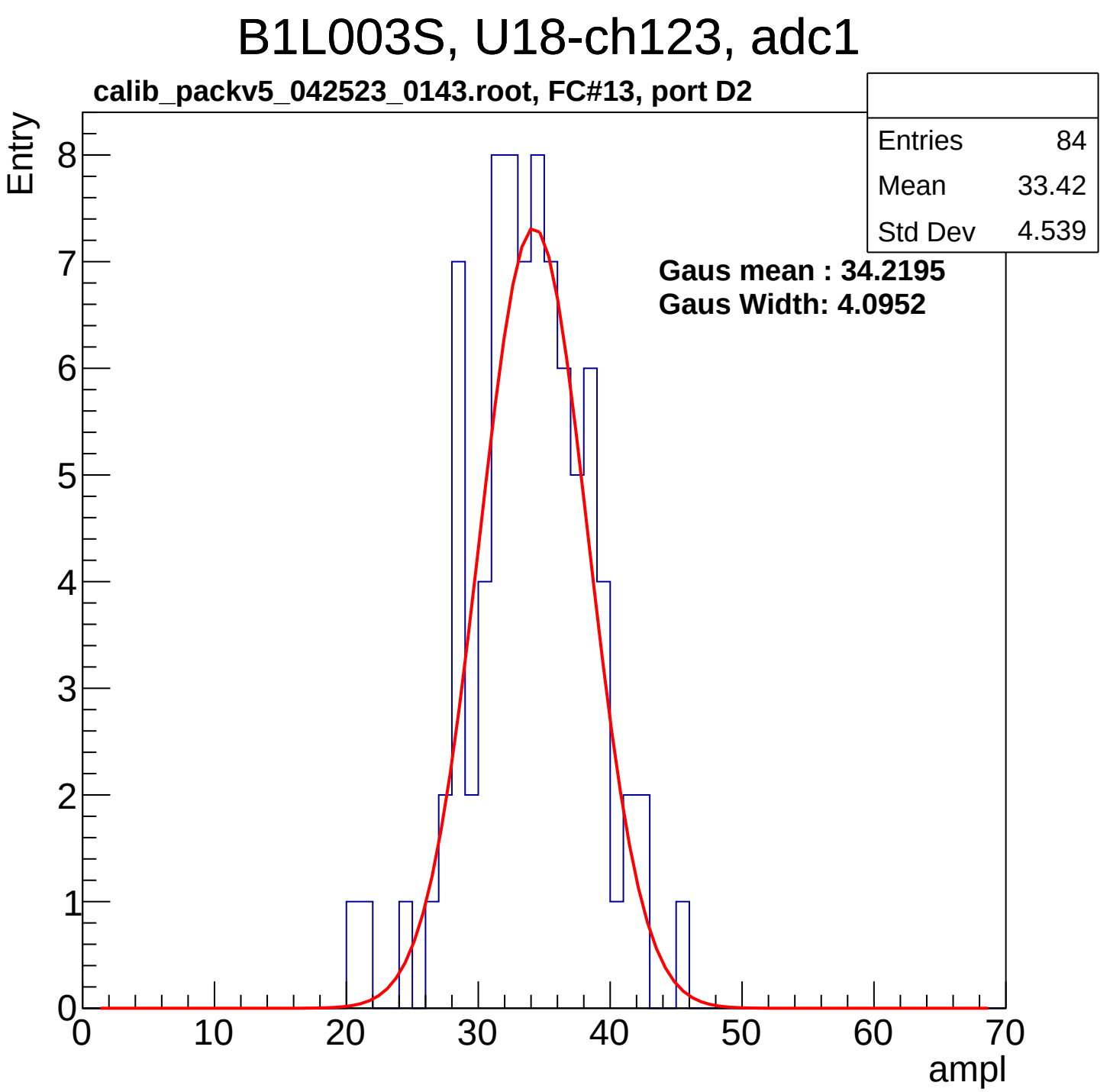

B1L003S, U18-ch122, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 53.82
Std Dev 3.349
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

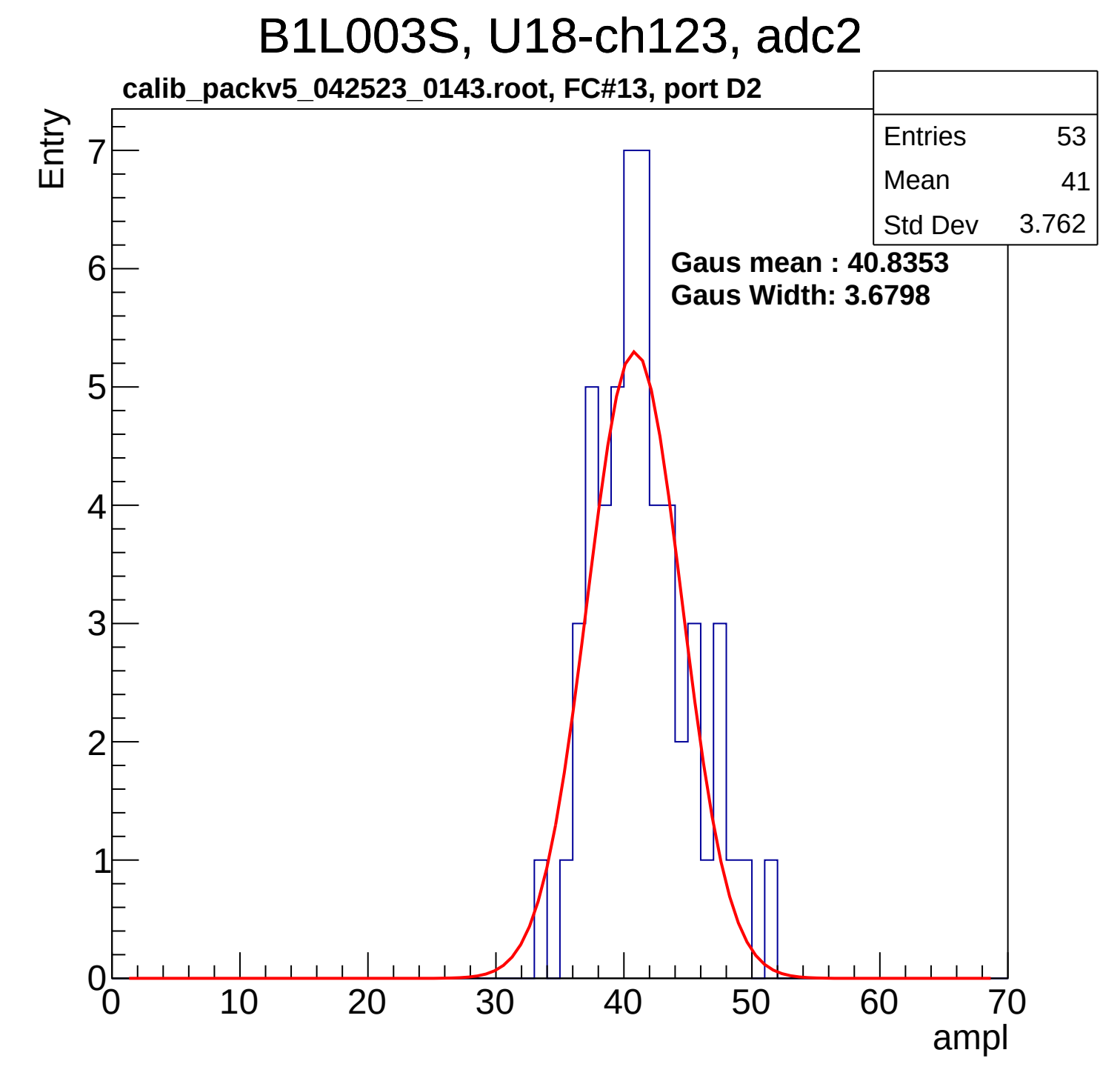

B1L003S, U18-ch122, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 56
Mean 58.89
Std Dev 3.092
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

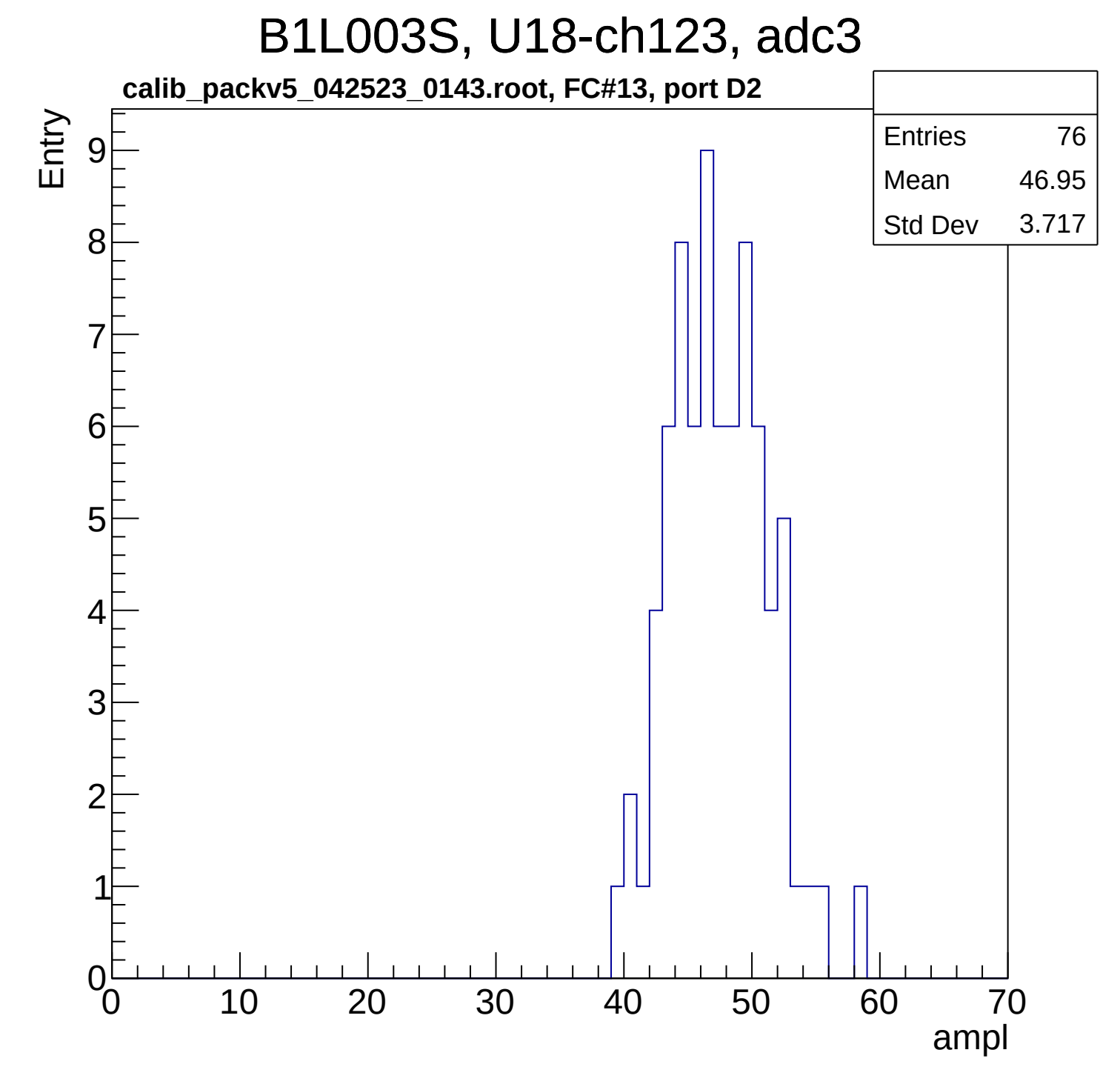

B1L003S, U18-ch122, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 56.67
Std Dev 17.14
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

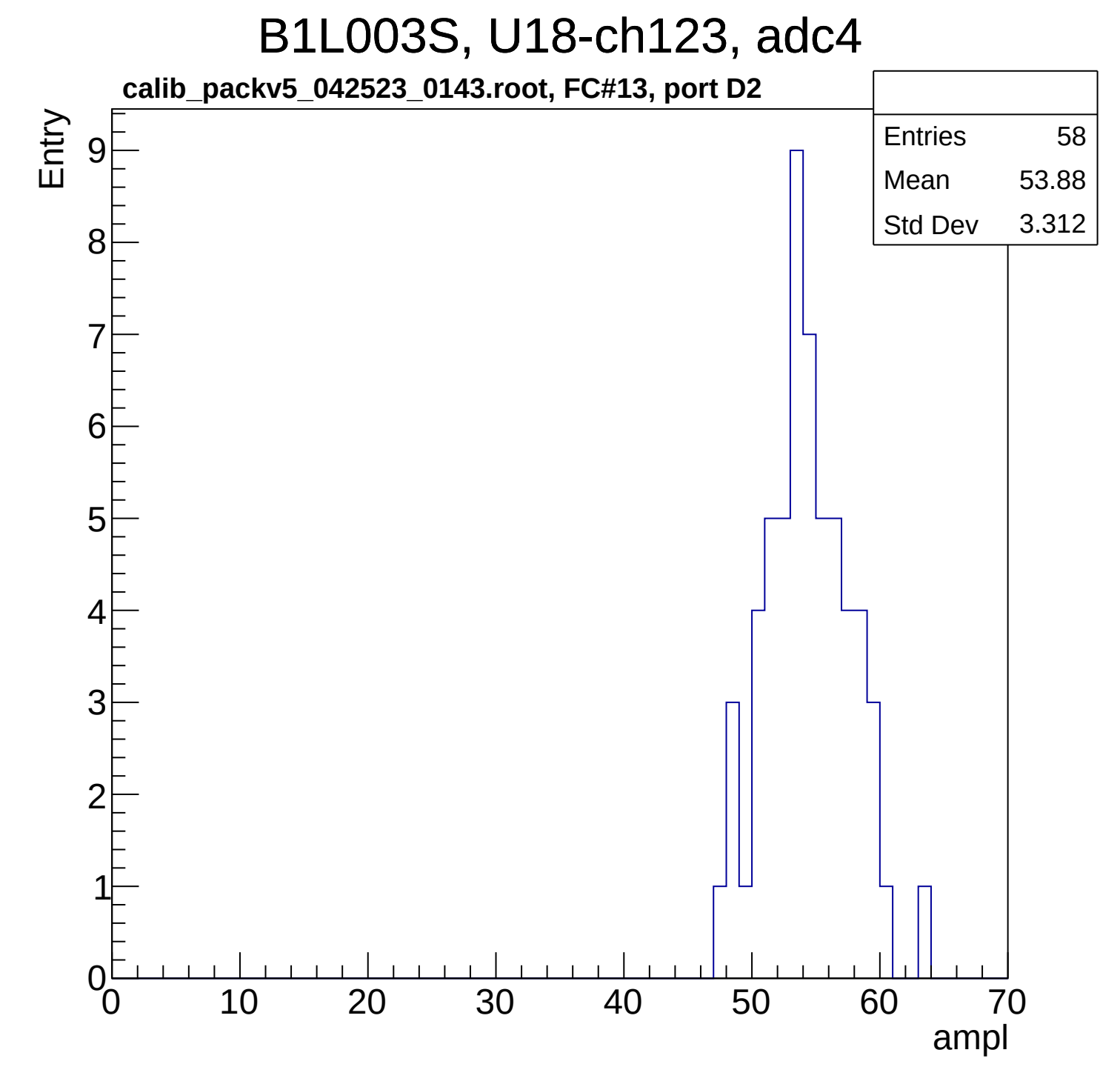

B1L003S, U18-ch122, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

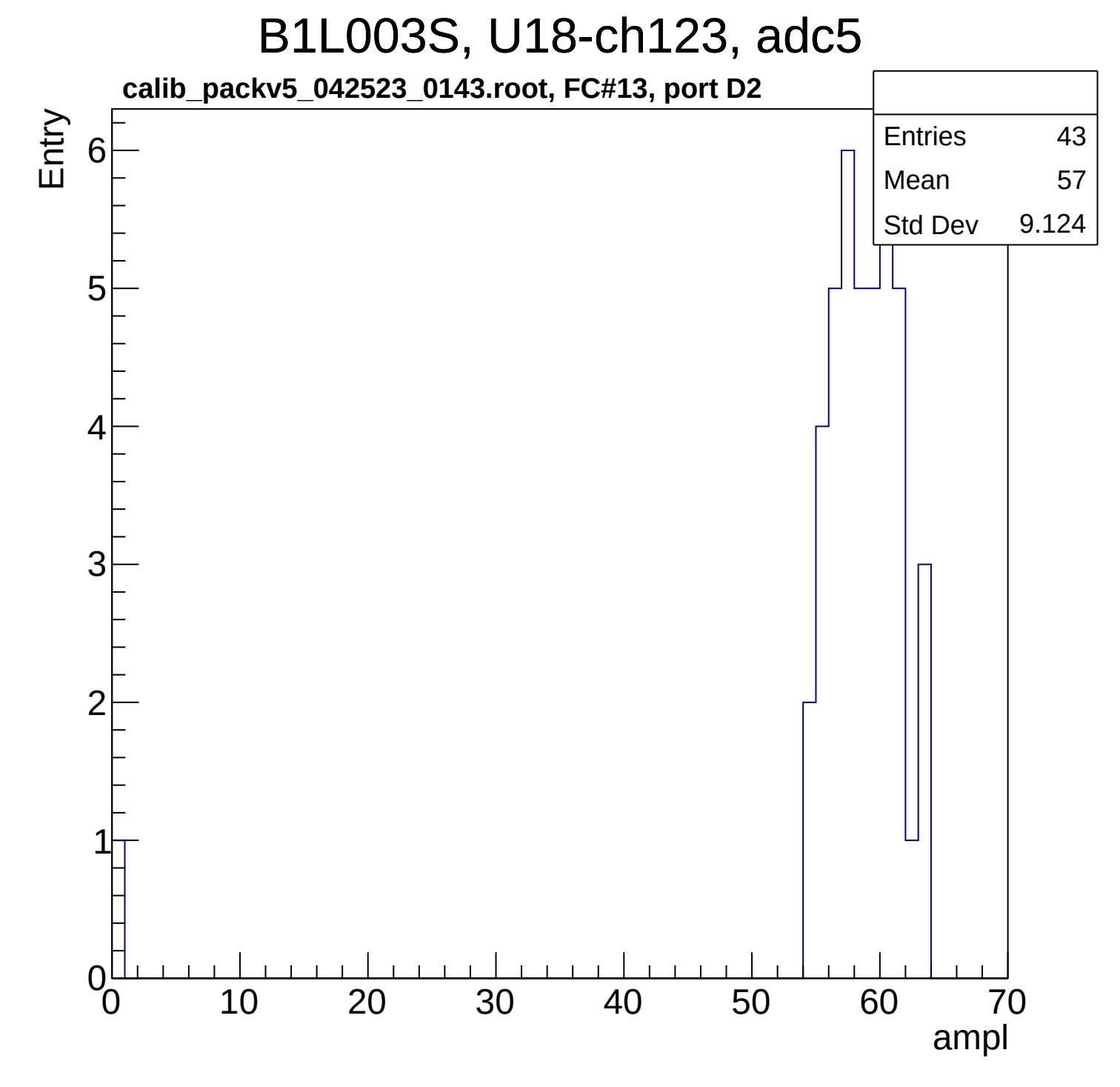

B1L003S, U18-ch123, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 51
Mean 27.47
Std Dev 5.259
Gaus mean : 28.2701
Gaus Width: 4.2881
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

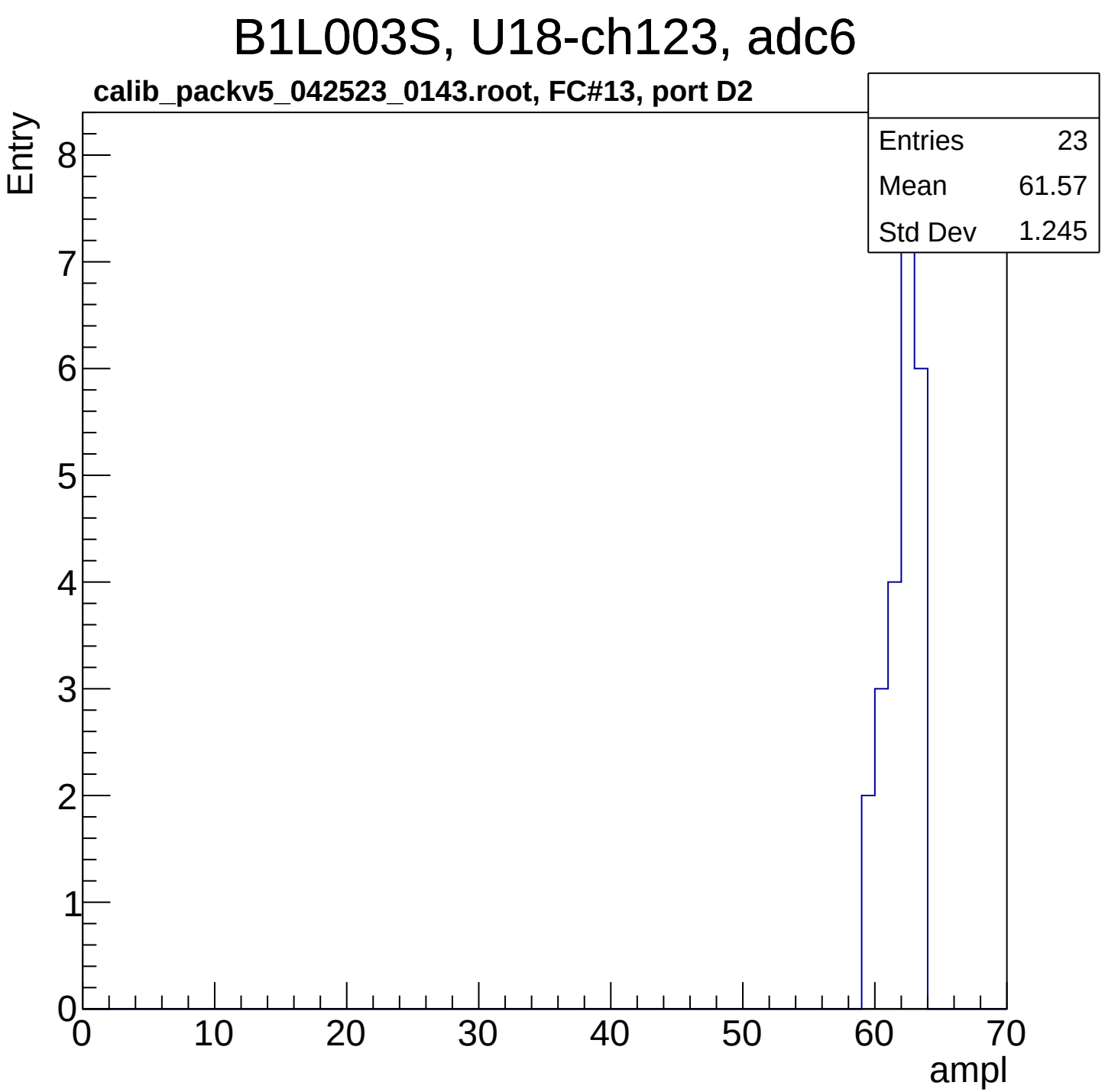

B1L003S, U18-ch123, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 84
Mean 33.42
Std Dev 4.539
Gaus mean : 34.2195
Gaus Width: 4.0952
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

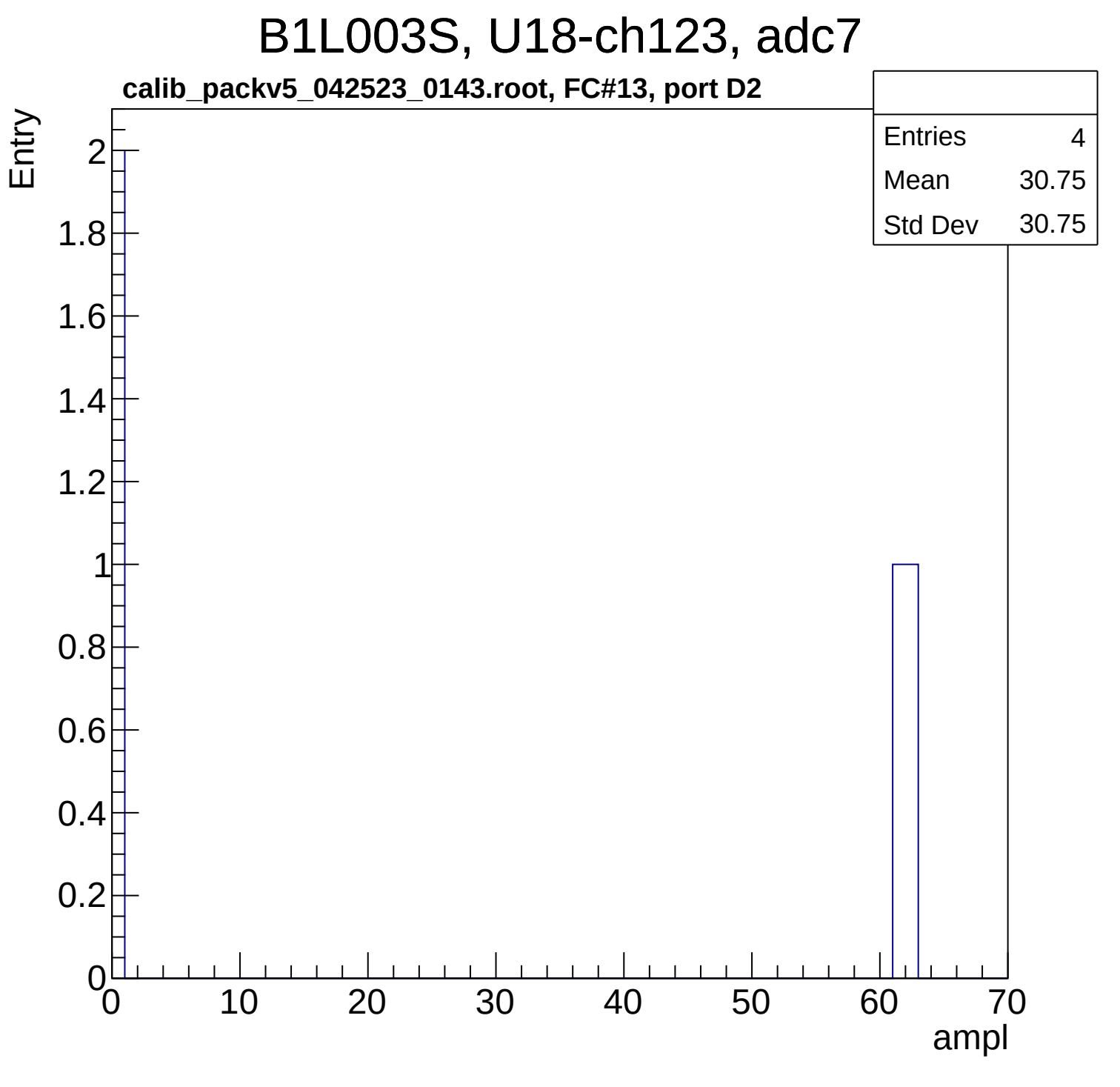

B1L003S, U18-ch123, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 53
Mean 41
Std Dev 3.762
Gaus mean : 40.8353
Gaus Width: 3.6798
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

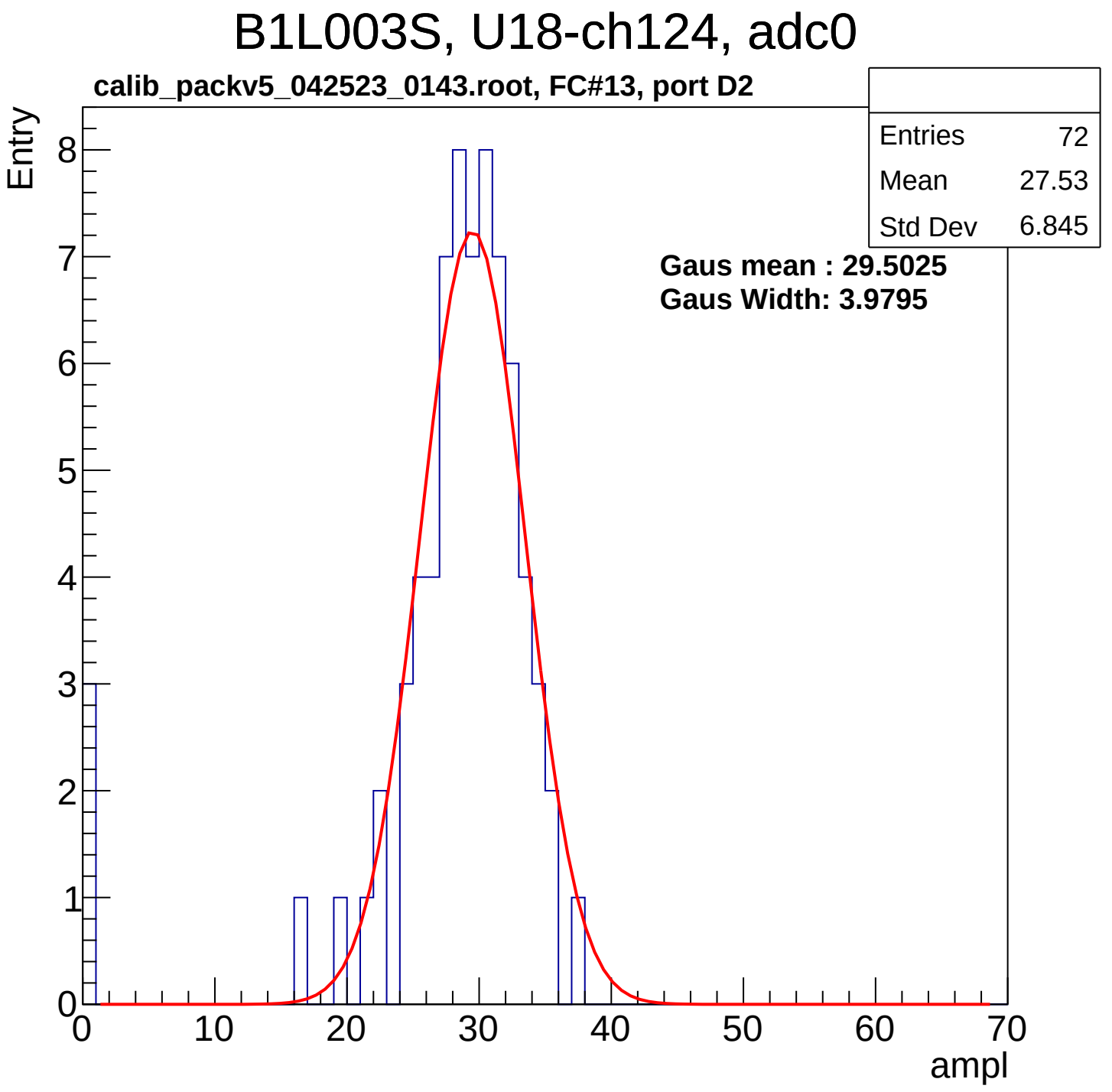

B1L003S, U18-ch123, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 76
Mean 46.95
Std Dev 3.717
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

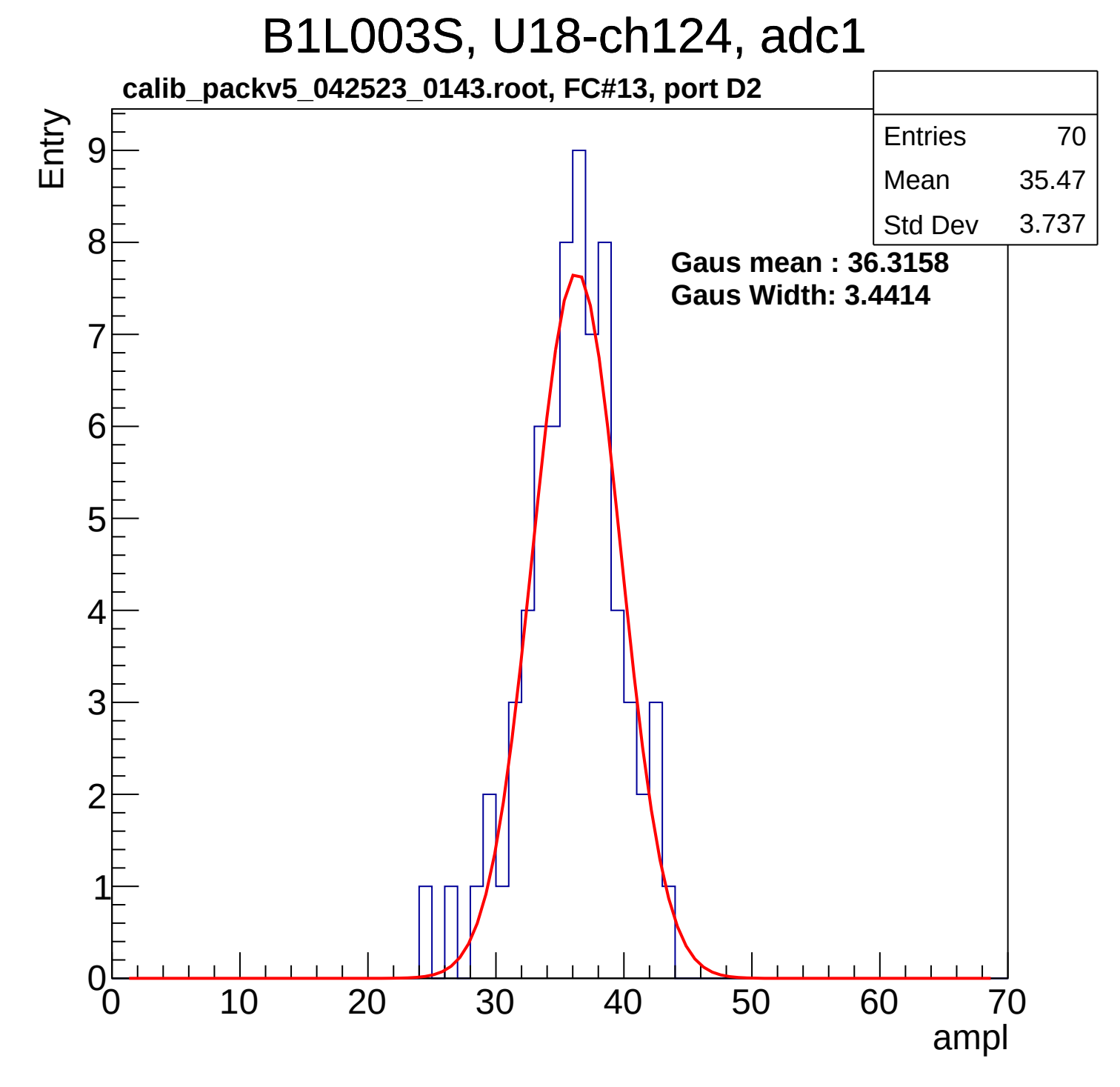

B1L003S, U18-ch123, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 58
Mean 53.88
Std Dev 3.312
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

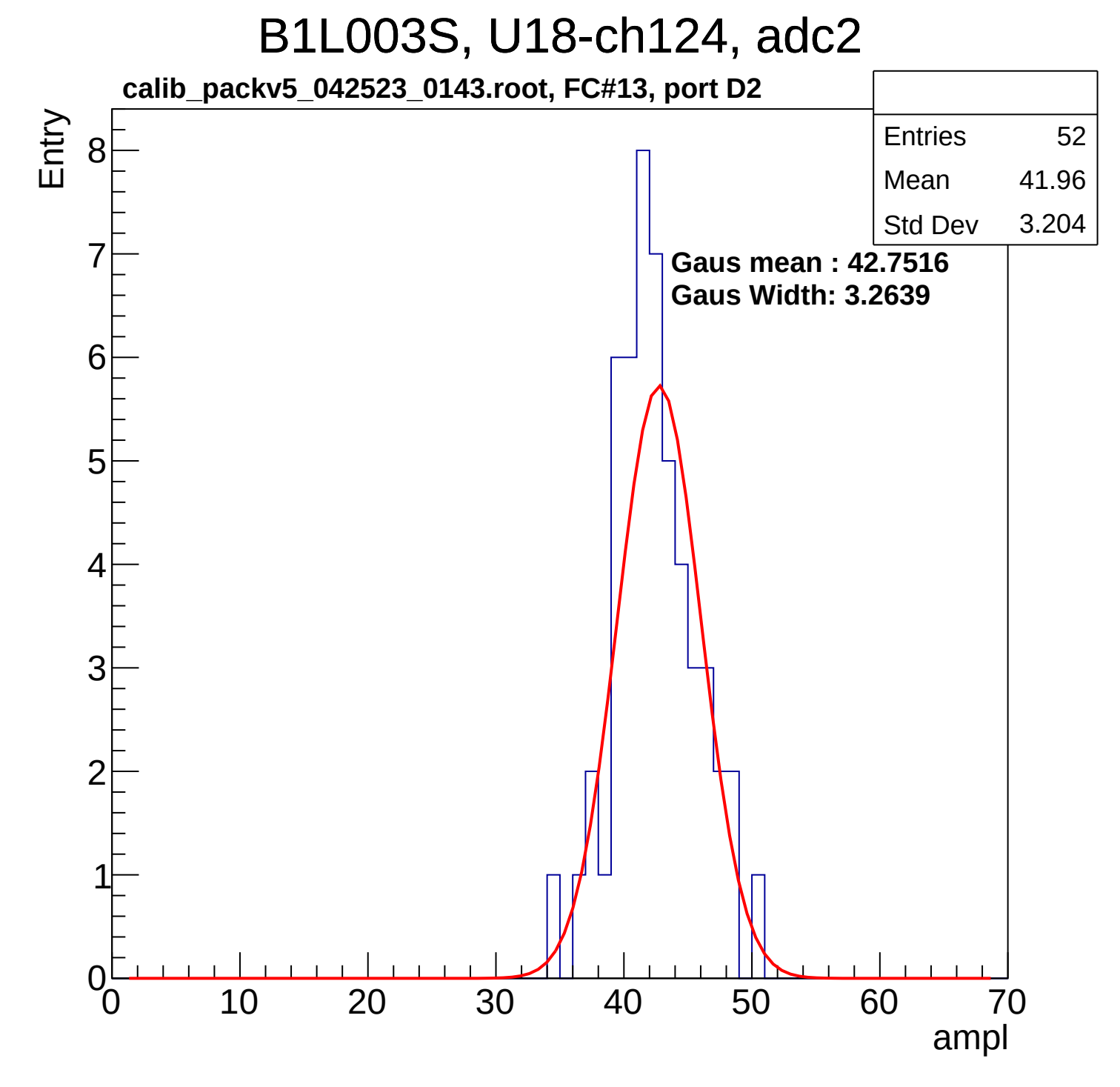

B1L003S, U18-ch123, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 43
Mean 57
Std Dev 9.124
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

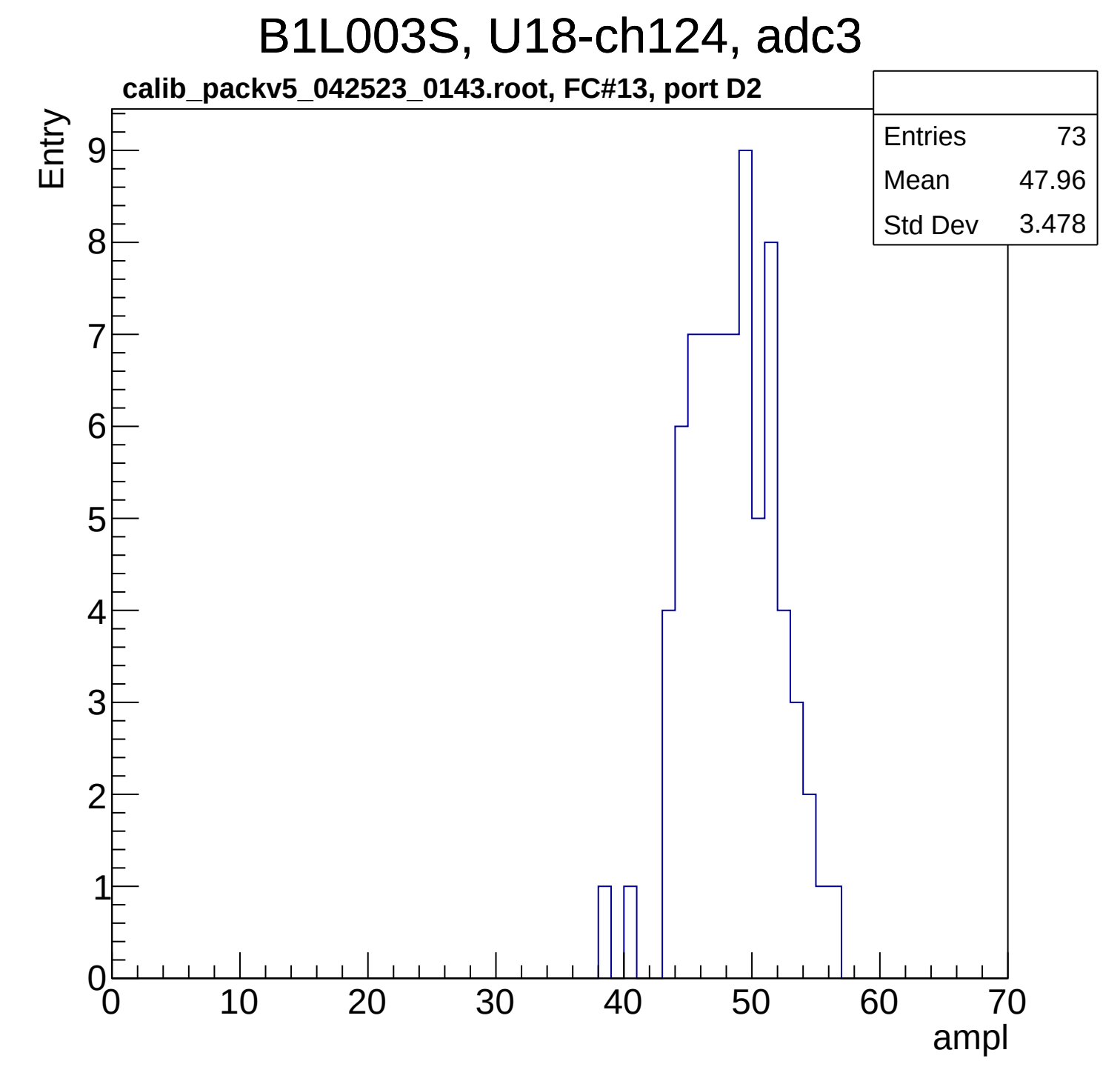

B1L003S, U18-ch123, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 23
Mean 61.57
Std Dev 1.245
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

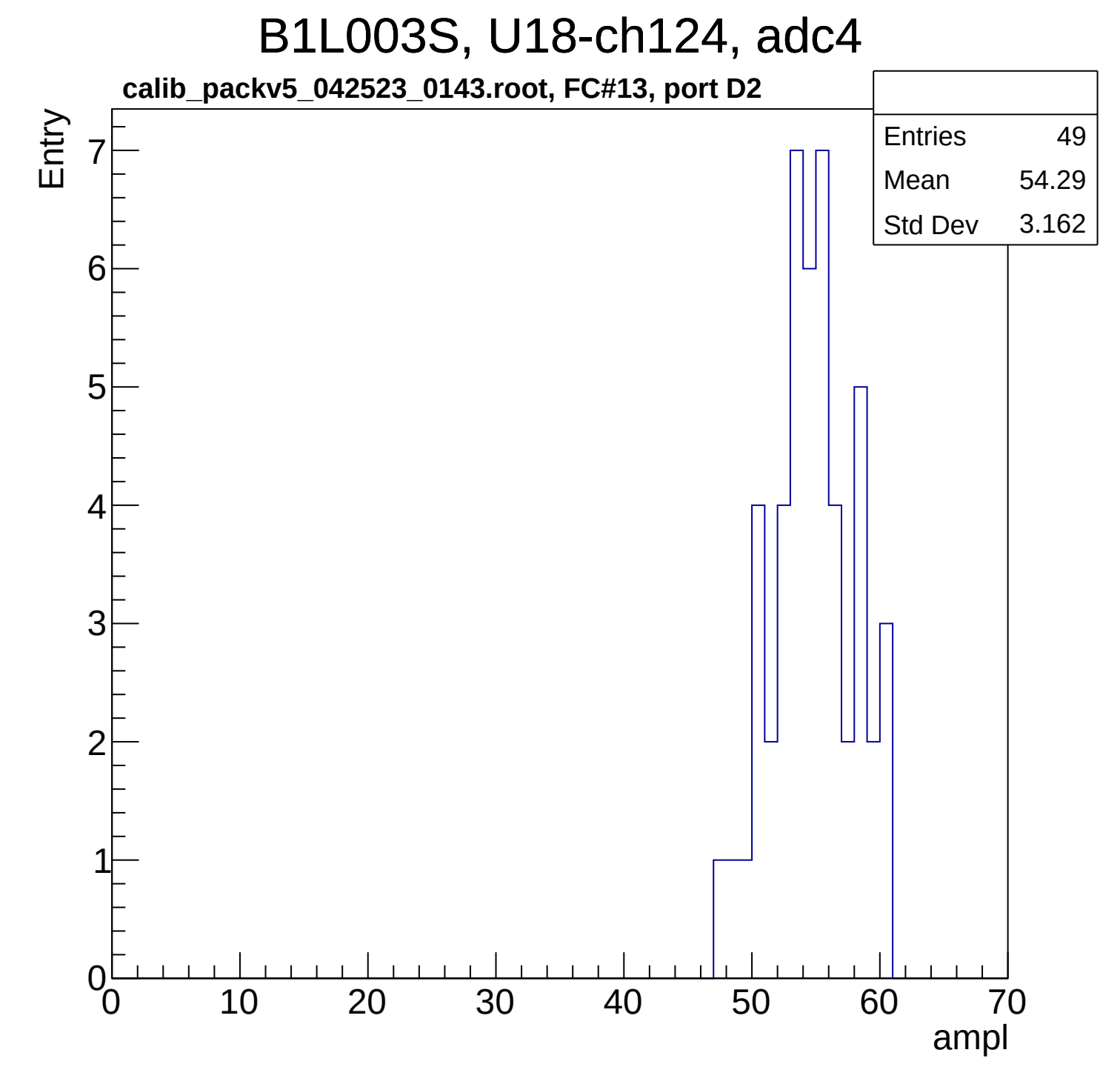

B1L003S, U18-ch123, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 4
Mean 30.75
Std Dev 30.75
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

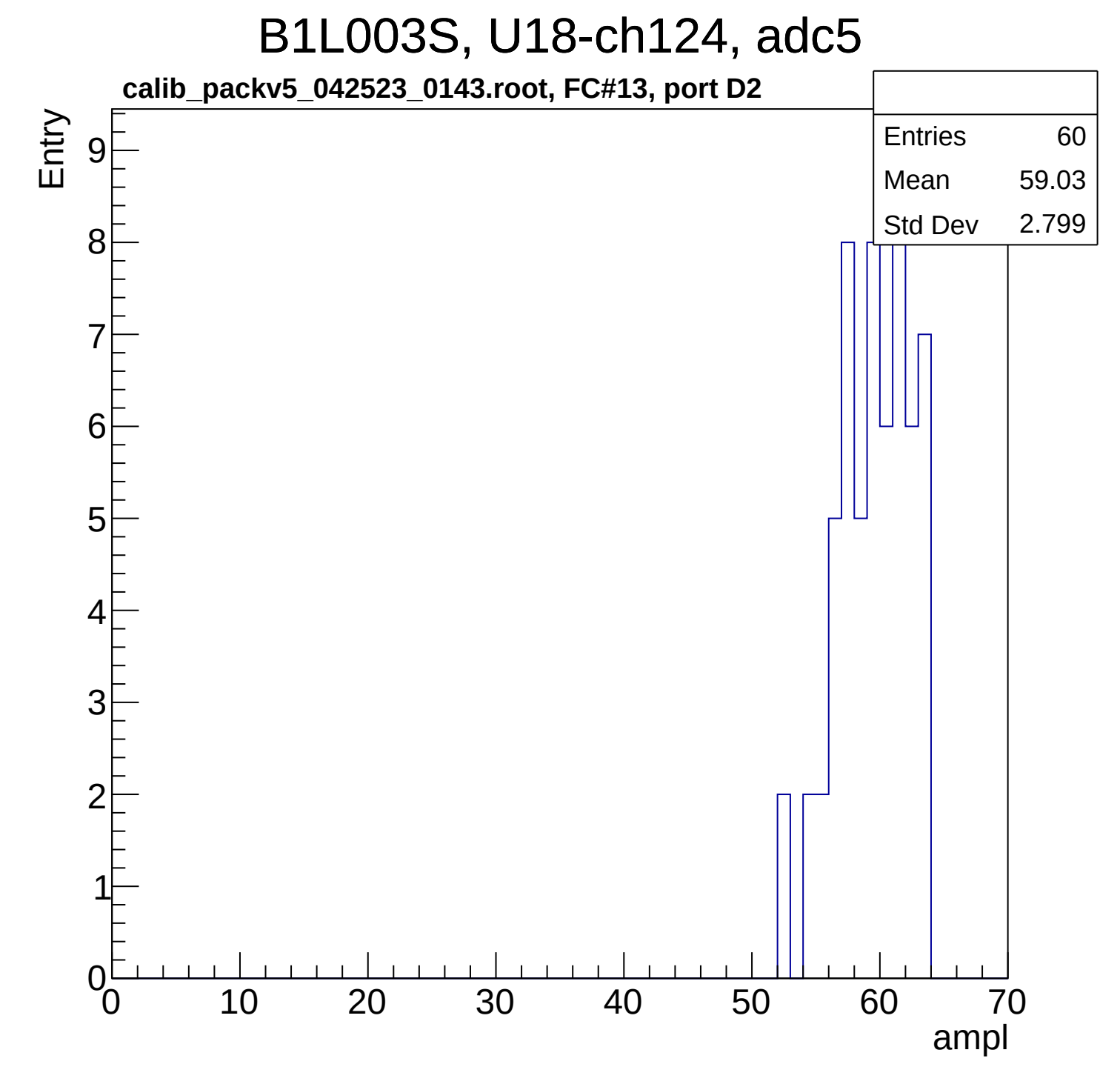

B1L003S, U18-ch124, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 72
Mean 27.53
Std Dev 6.845
Gaus mean : 29.5025
Gaus Width: 3.9795
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

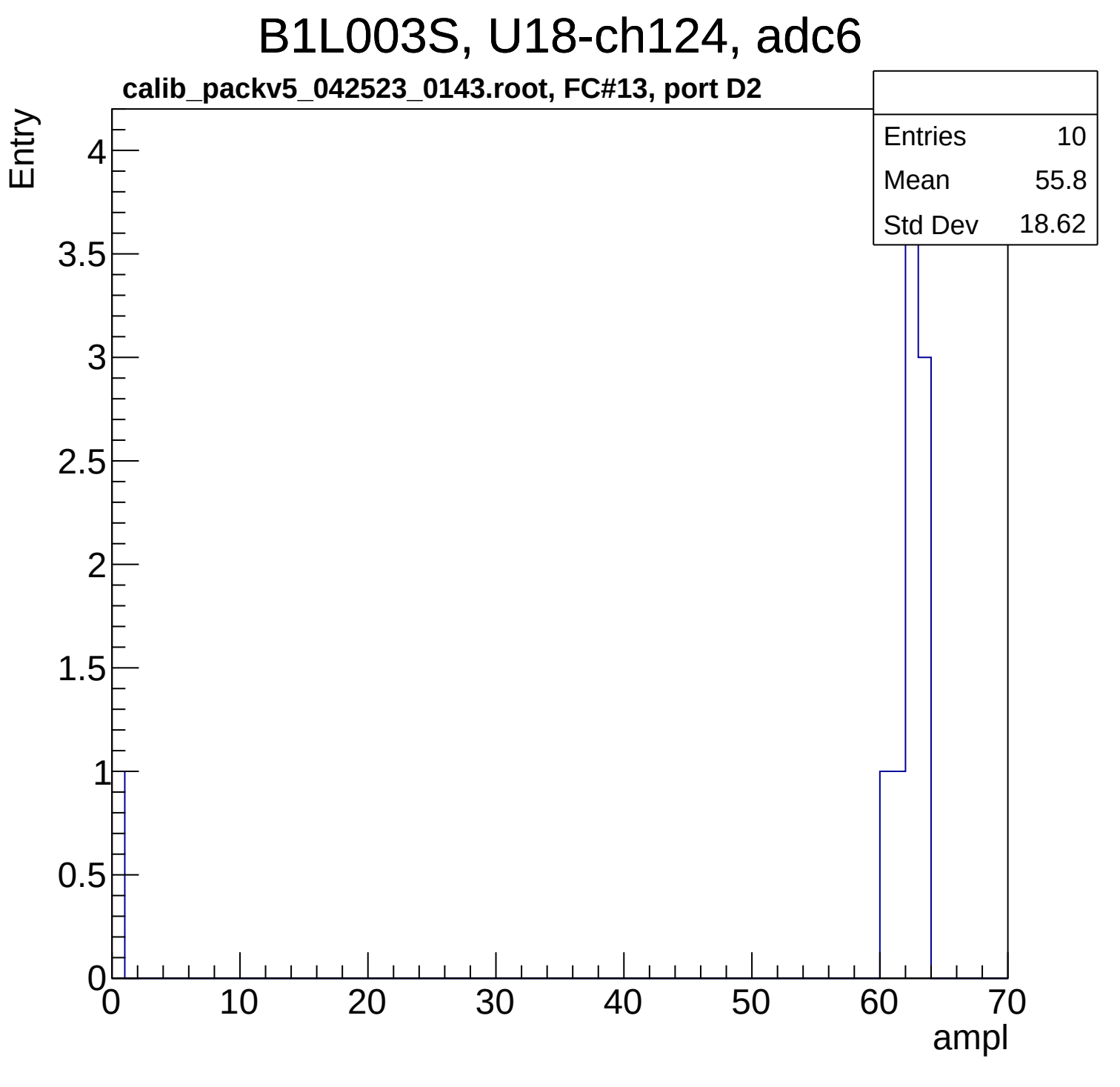

B1L003S, U18-ch124, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 70
Mean 35.47
Std Dev 3.737
Gaus mean : 36.3158
Gaus Width: 3.4414
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

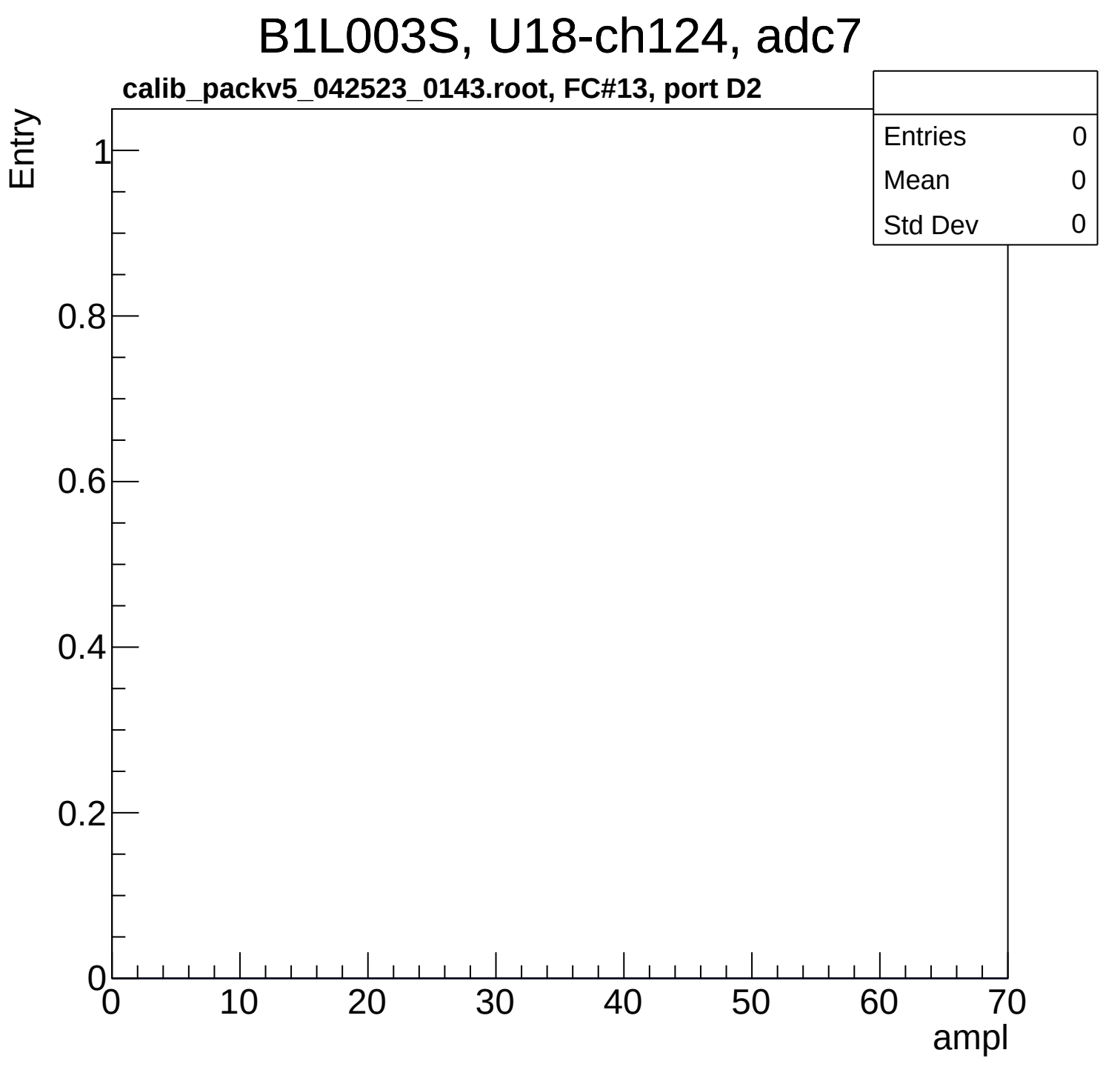

B1L003S, U18-ch124, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 41.96
Std Dev 3.204
Gaus mean : 42.7516
Gaus Width: 3.2639
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

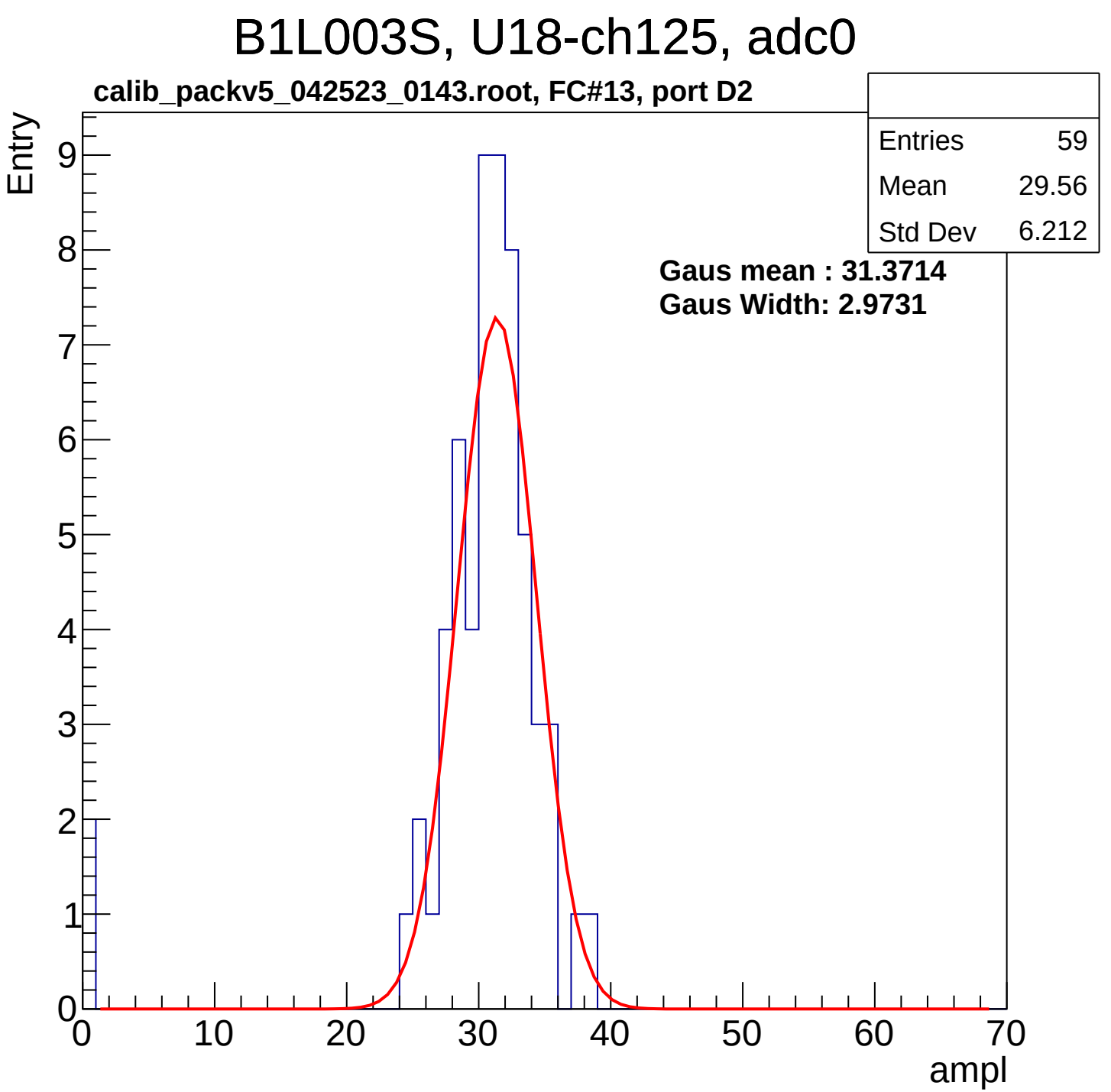

B1L003S, U18-ch124, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 47.96
Std Dev 3.478
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

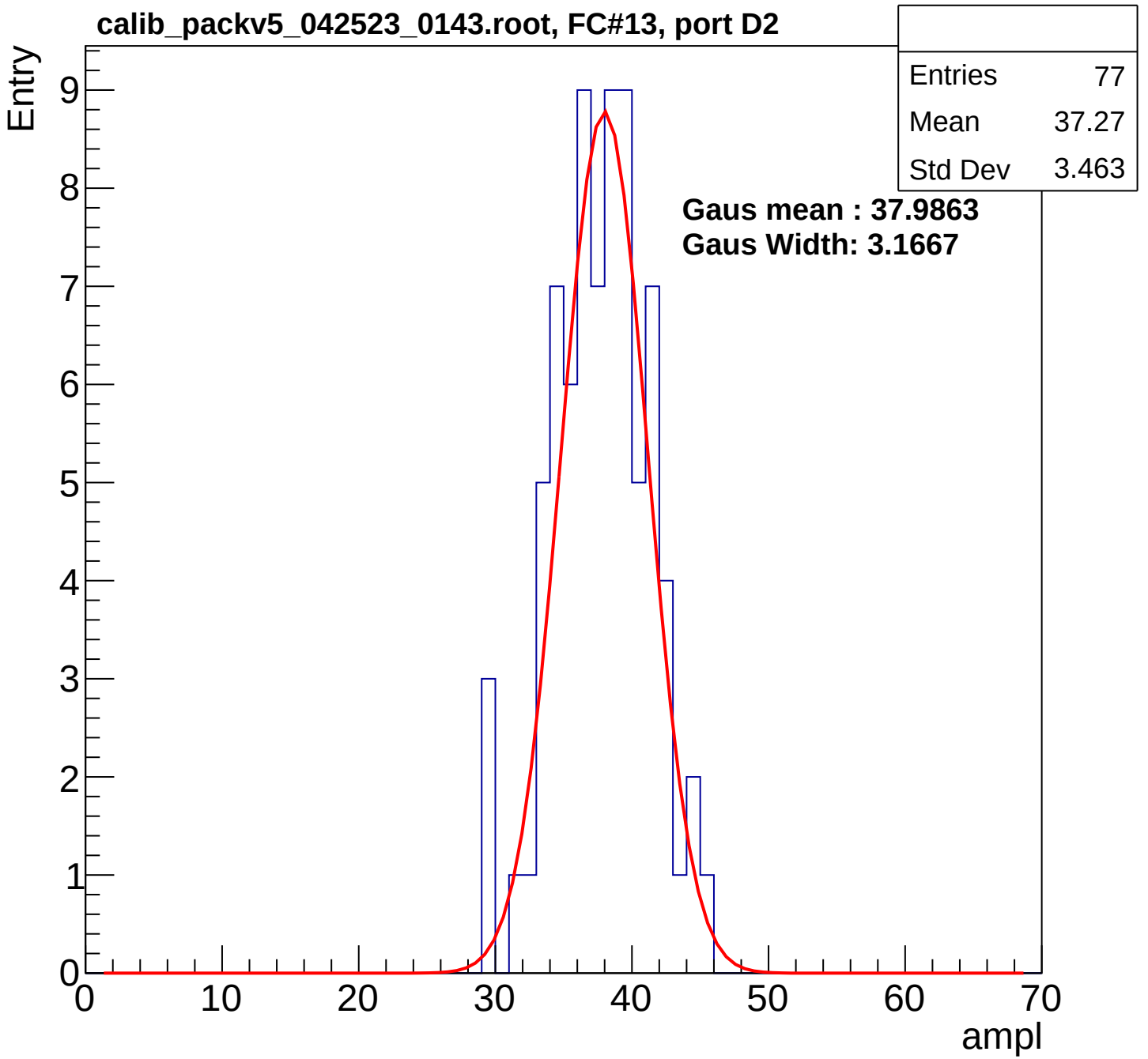

B1L003S, U18-ch124, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 49
Mean 54.29
Std Dev 3.162
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

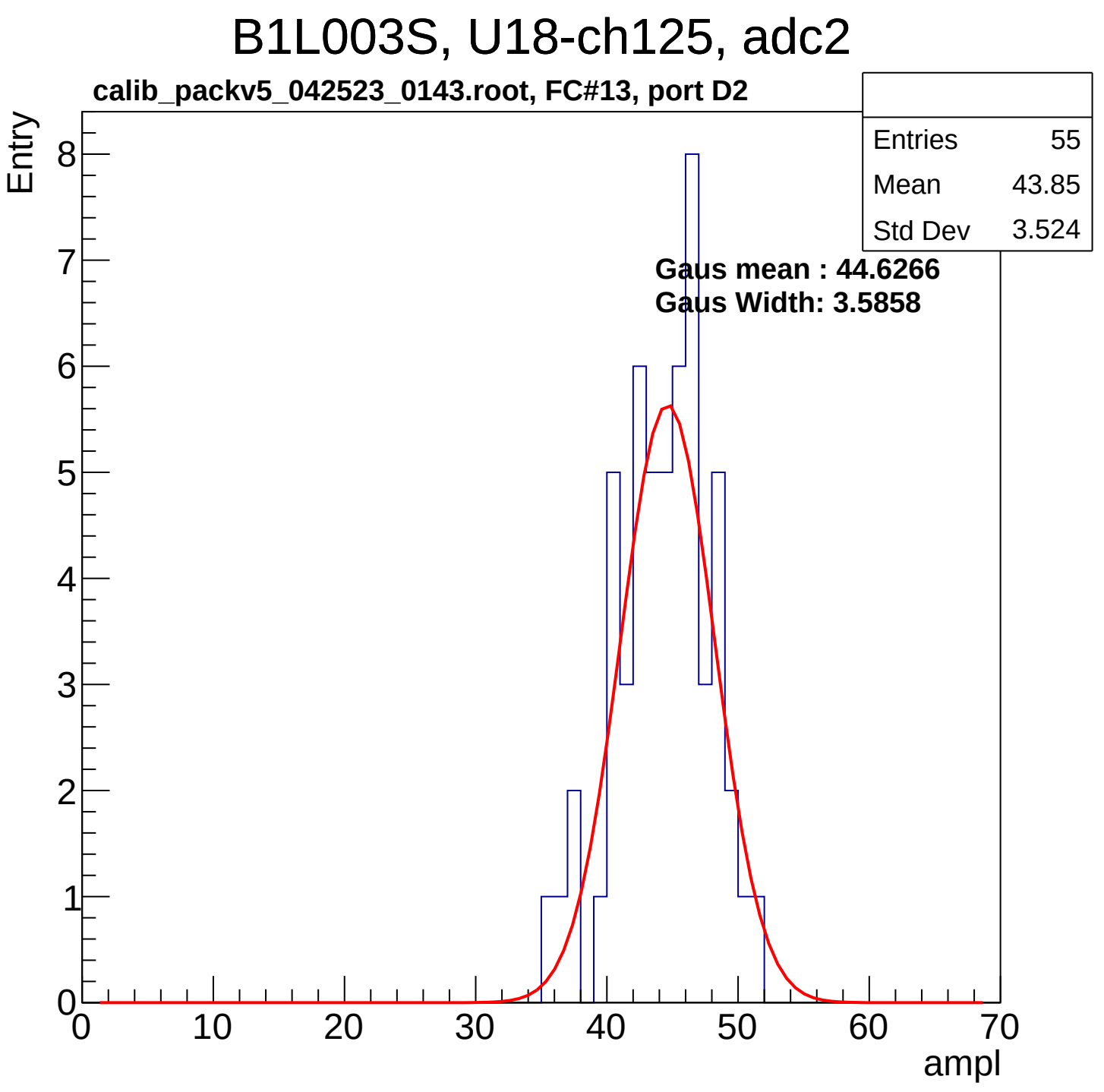

B1L003S, U18-ch124, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 60
Mean 59.03
Std Dev 2.799
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

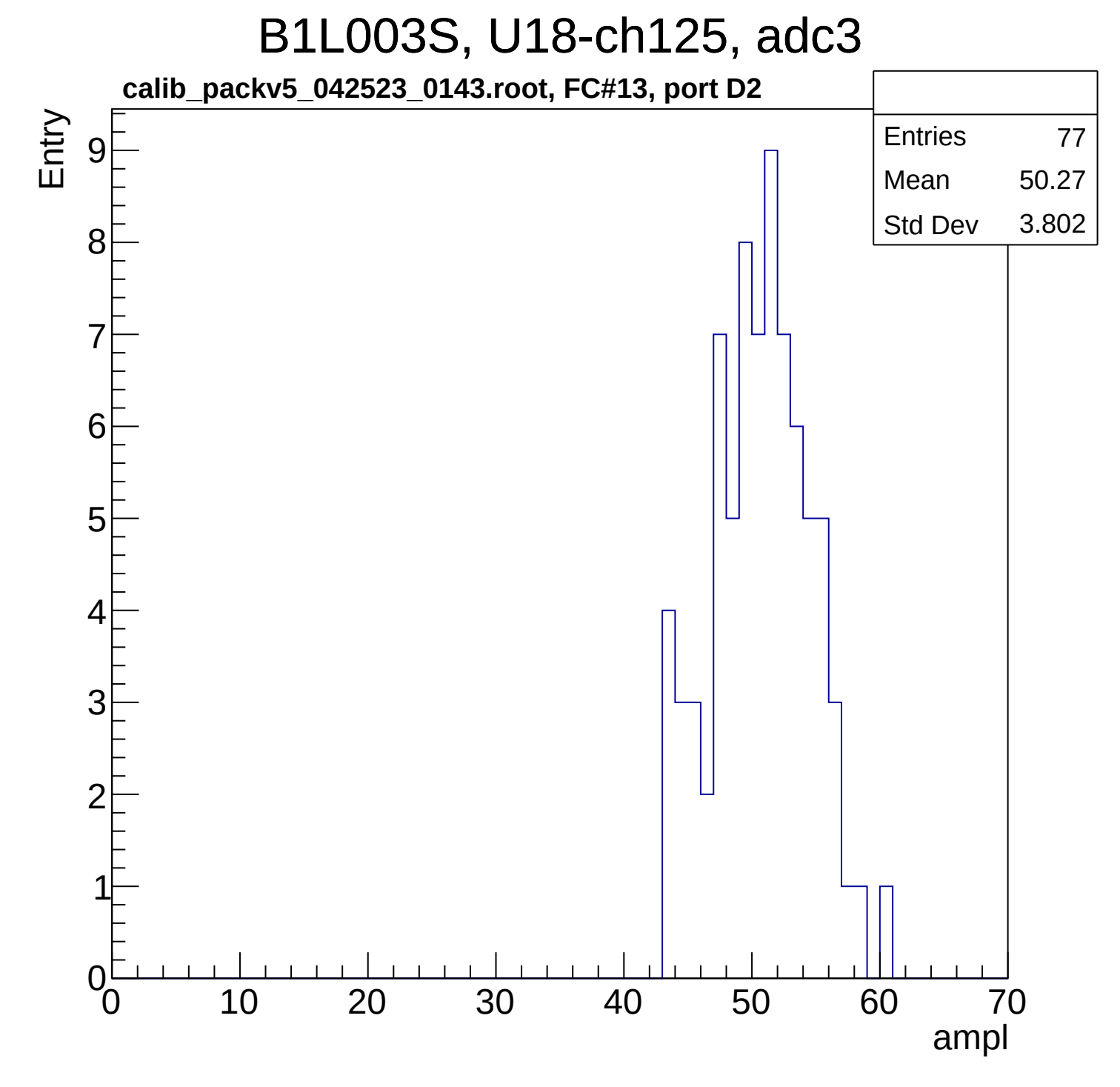

B1L003S, U18-ch124, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 10
Mean 55.8
Std Dev 18.62
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

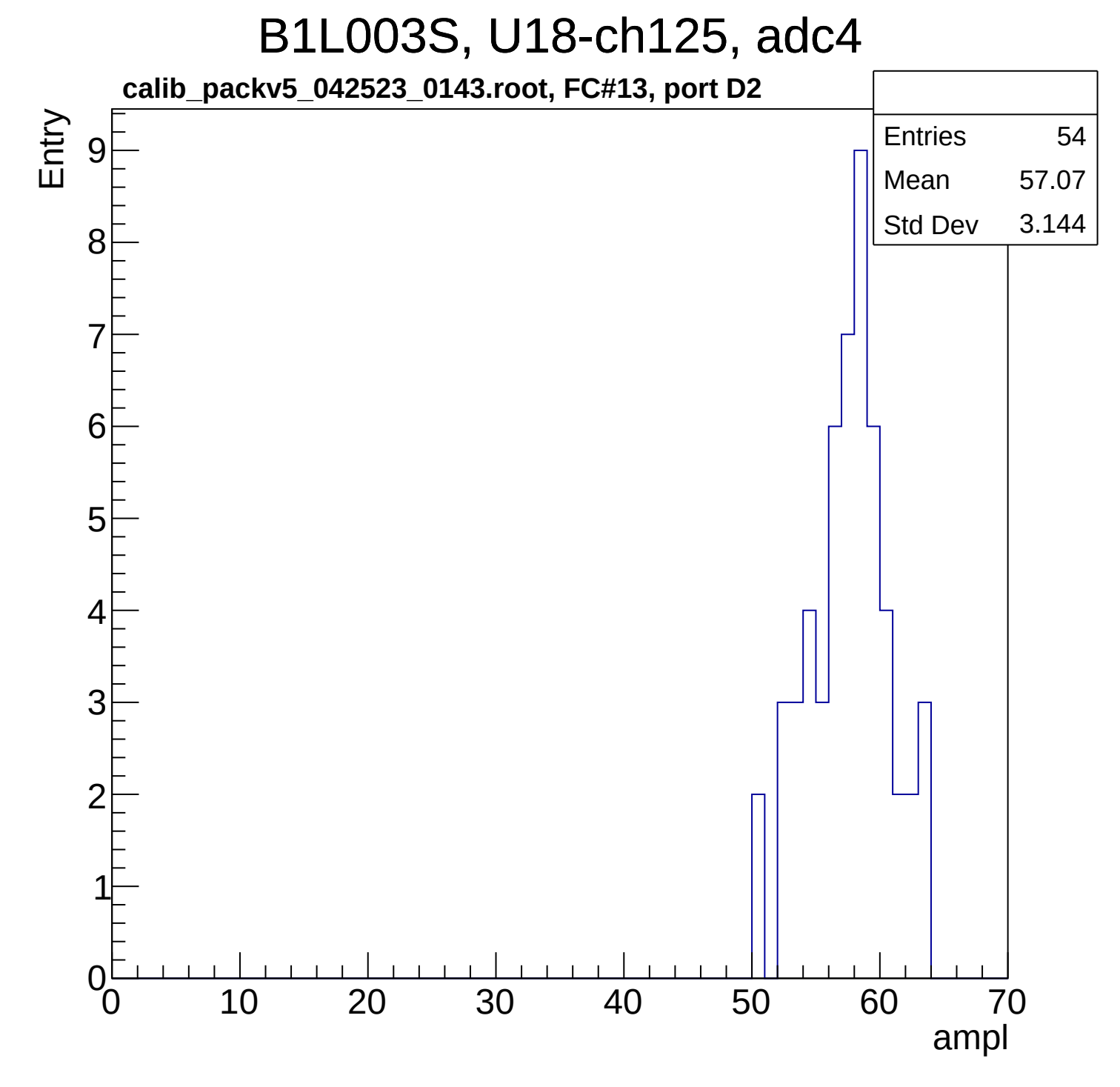

B1L003S, U18-ch124, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

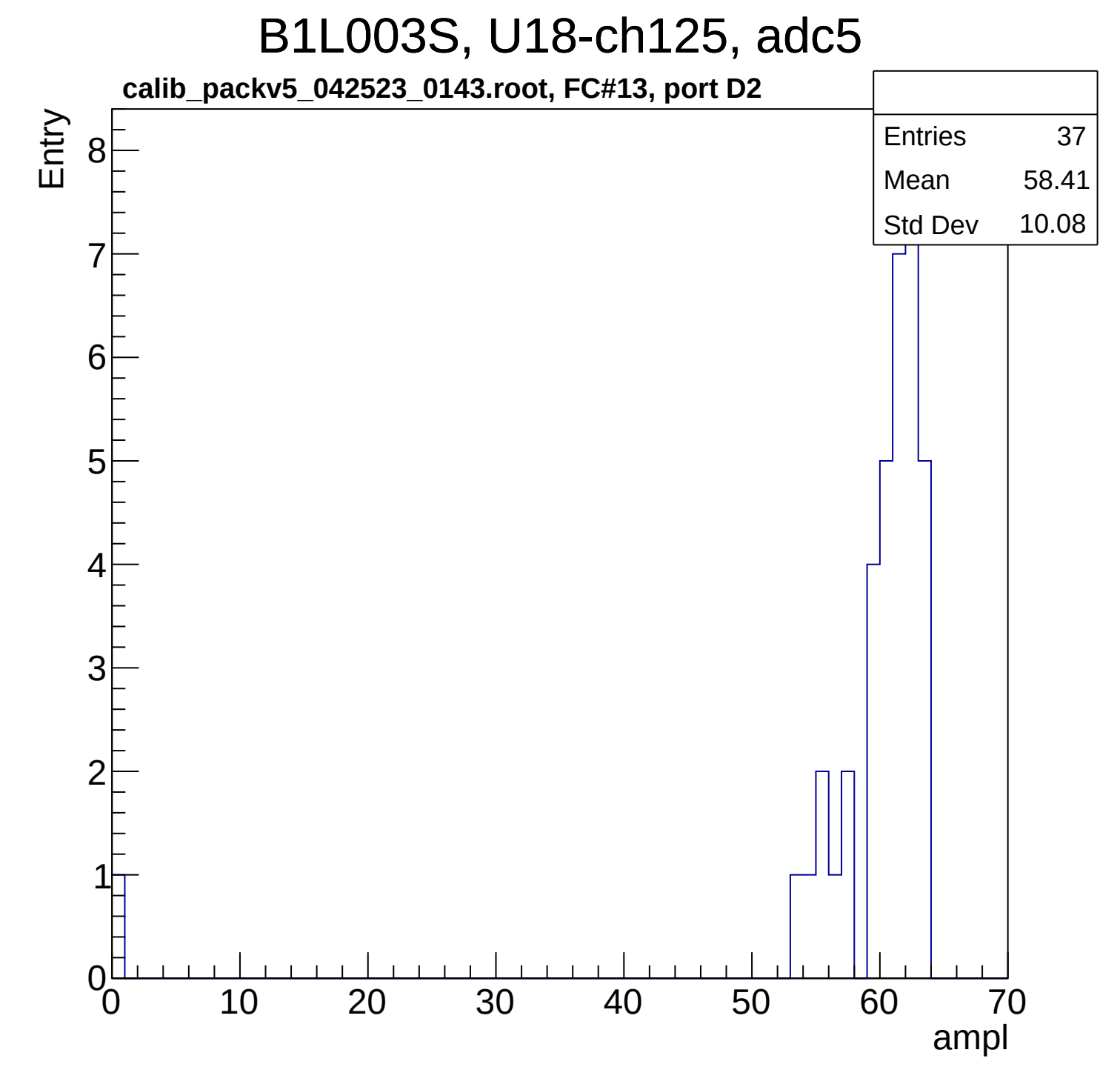

B1L003S, U18-ch125, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 59
Mean 29.56
Std Dev 6.212
Gaus mean : 31.3714
Gaus Width: 2.9731
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

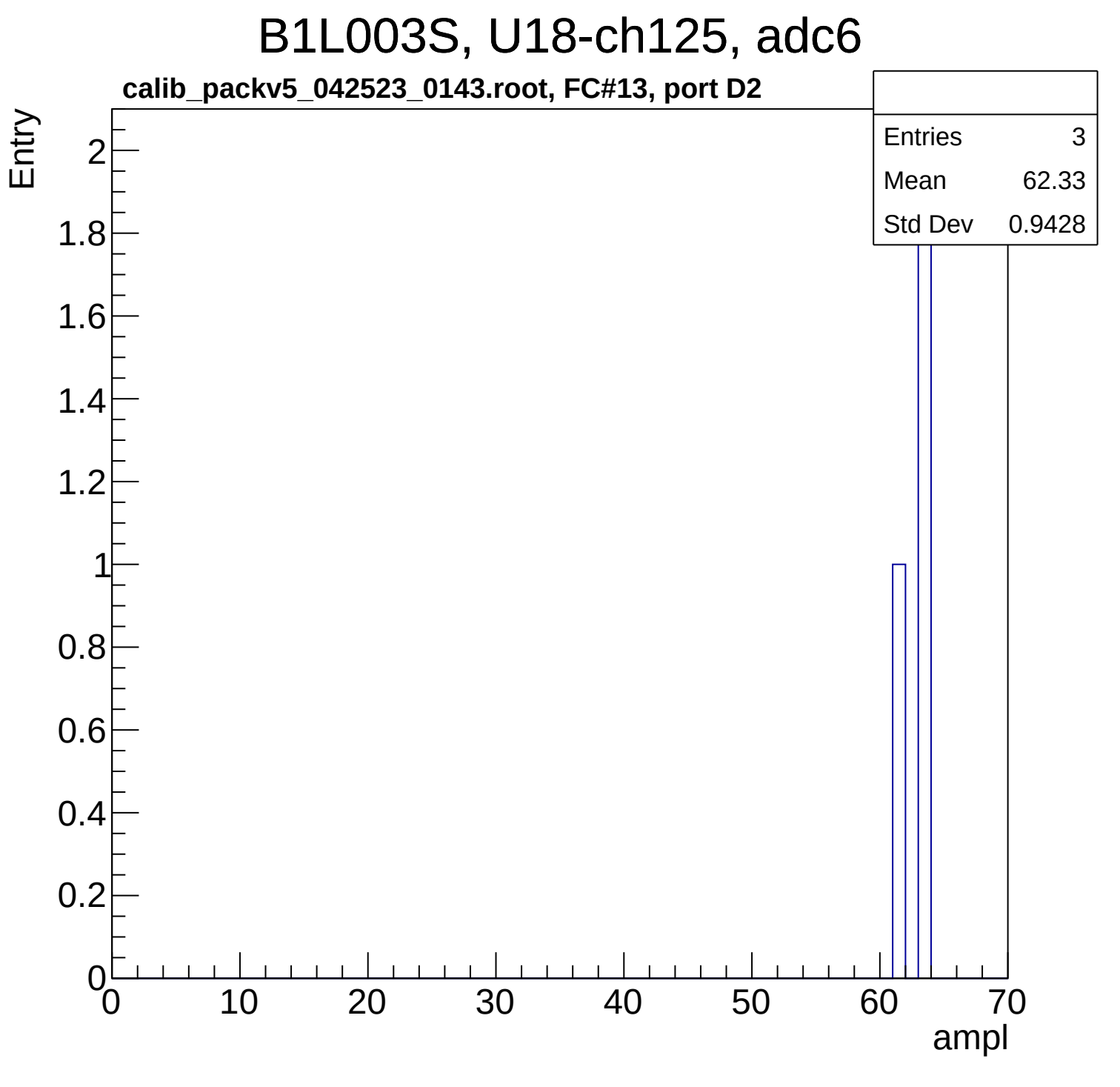

B1L003S, U18-ch125, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 37.27
Std Dev 3.463
Gaus mean : 37.9863
Gaus Width: 3.1667
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

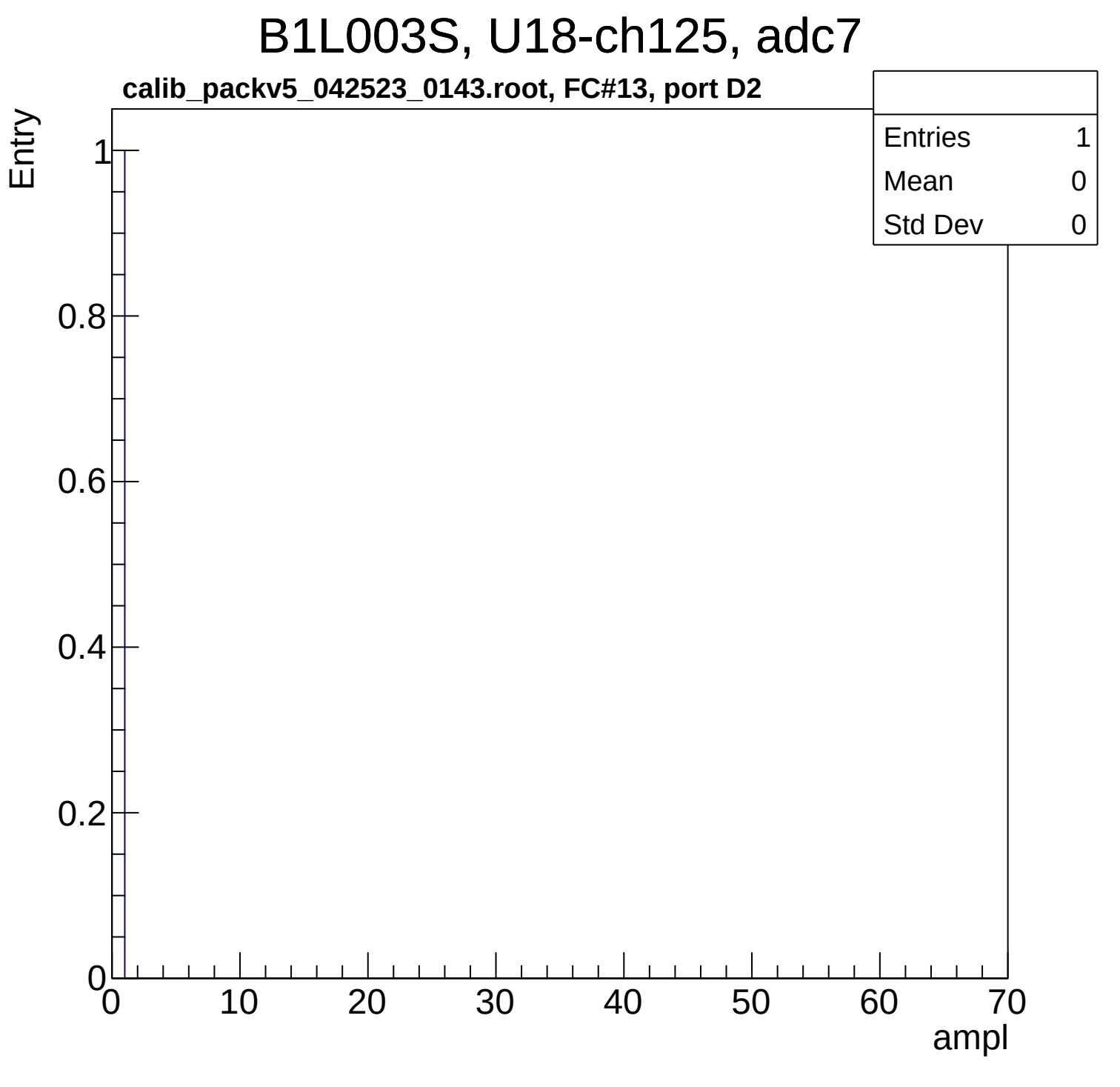

B1L003S, U18-ch125, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 43.85
Std Dev 3.524
Gaus mean : 44.6266
Gaus Width: 3.5858
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

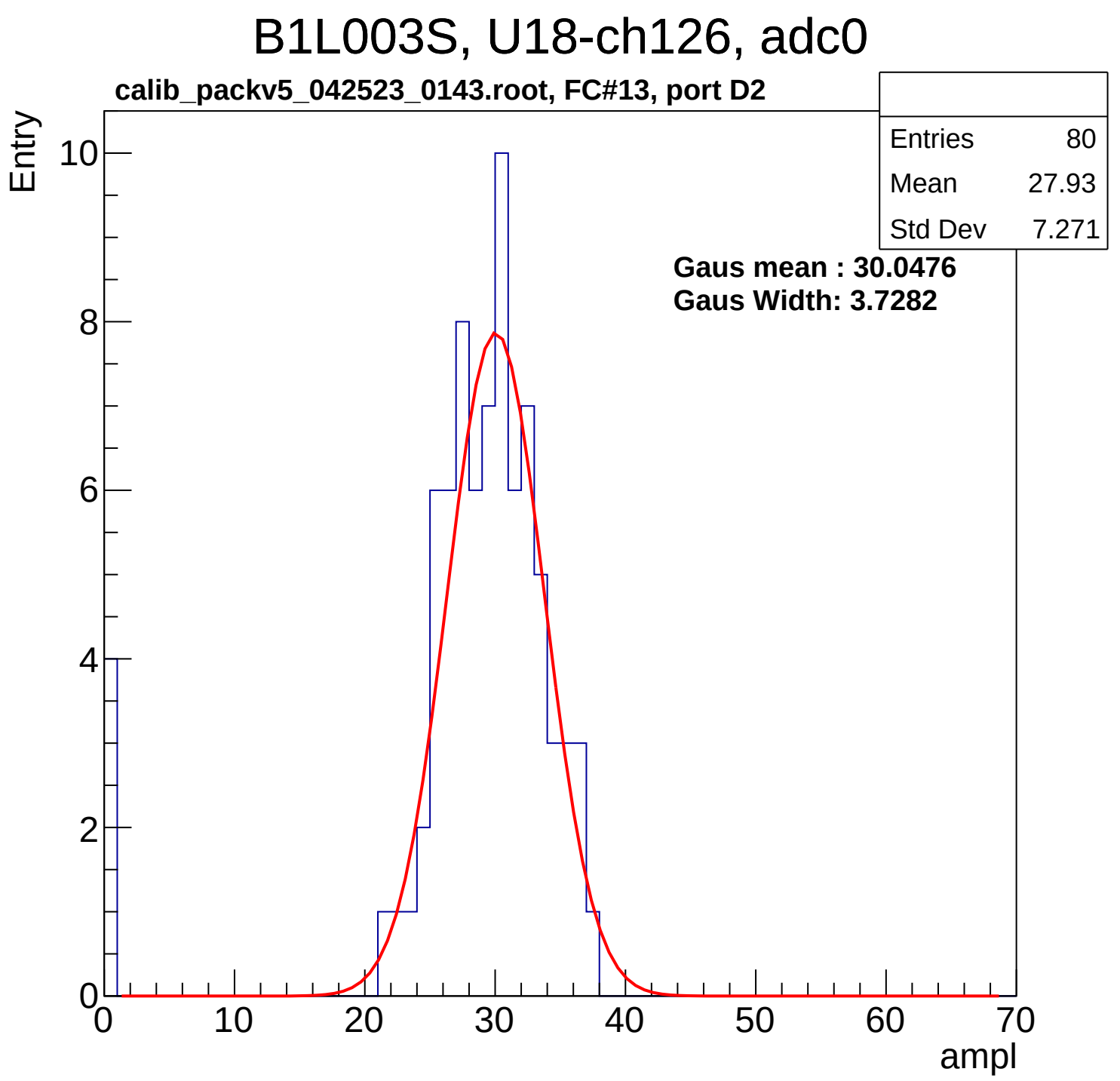

B1L003S, U18-ch125, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 77
Mean 50.27
Std Dev 3.802
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

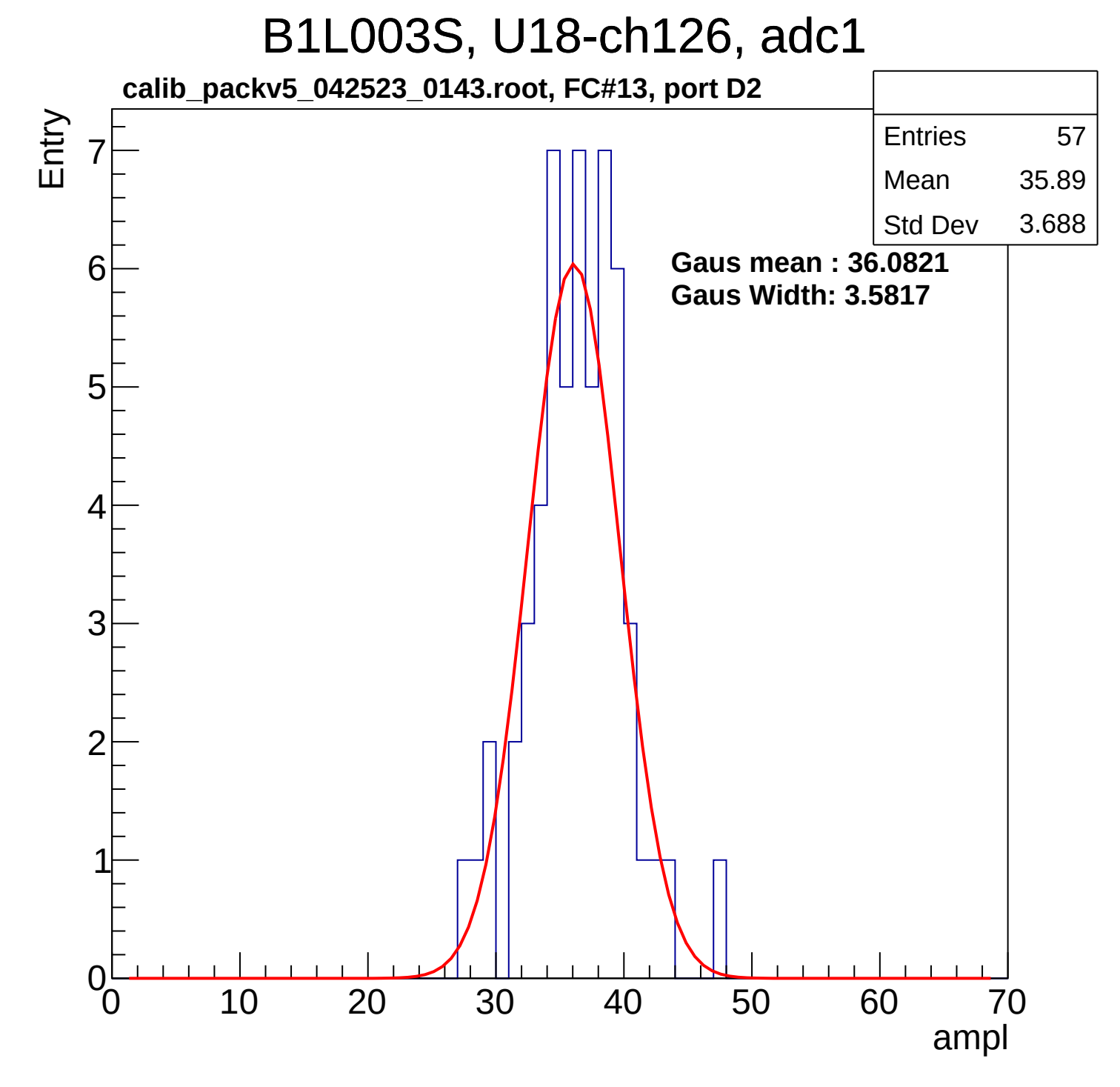

B1L003S, U18-ch125, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 54
Mean 57.07
Std Dev 3.144
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

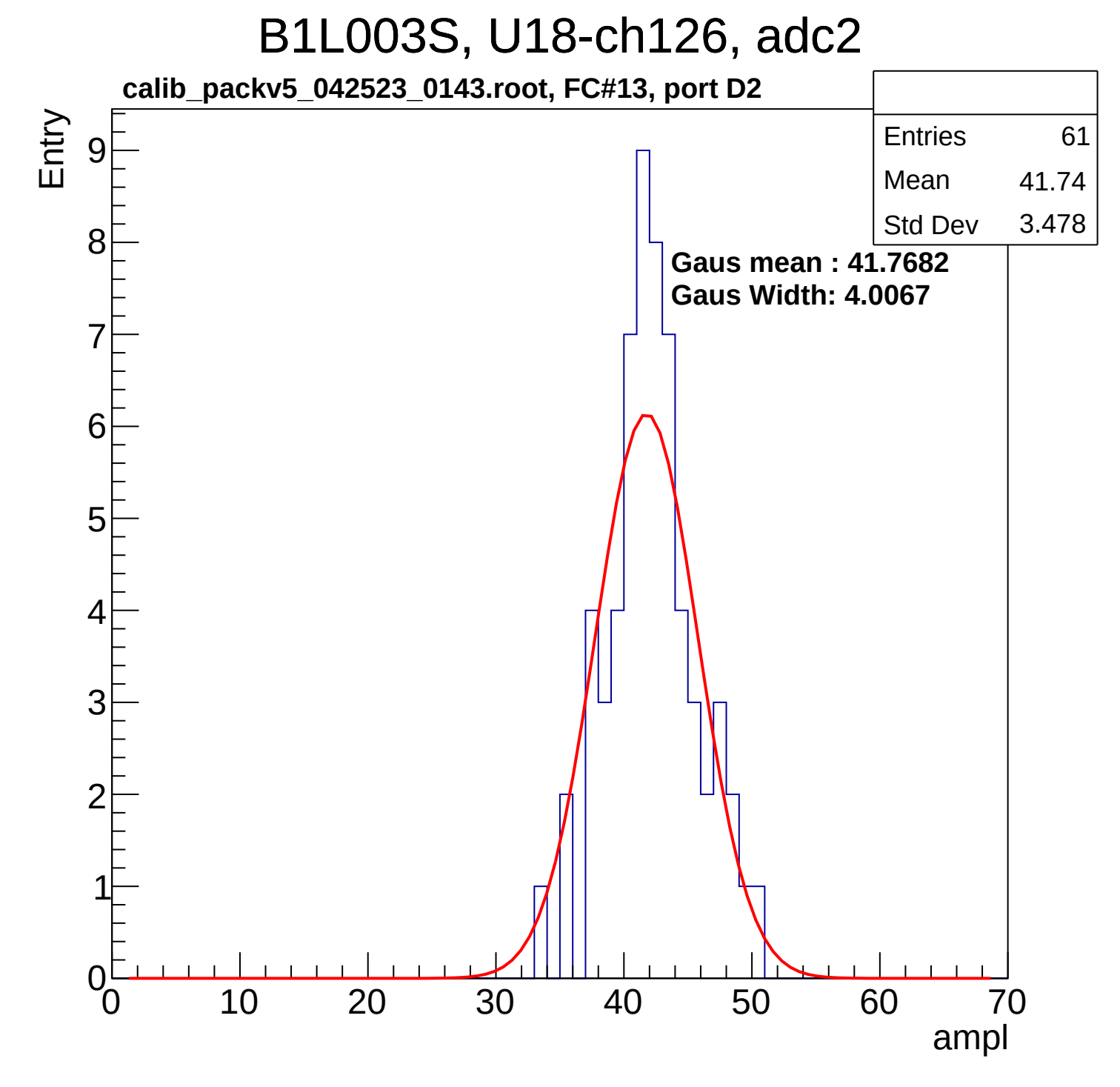

B1L003S, U18-ch125, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 37
Mean 58.41
Std Dev 10.08
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

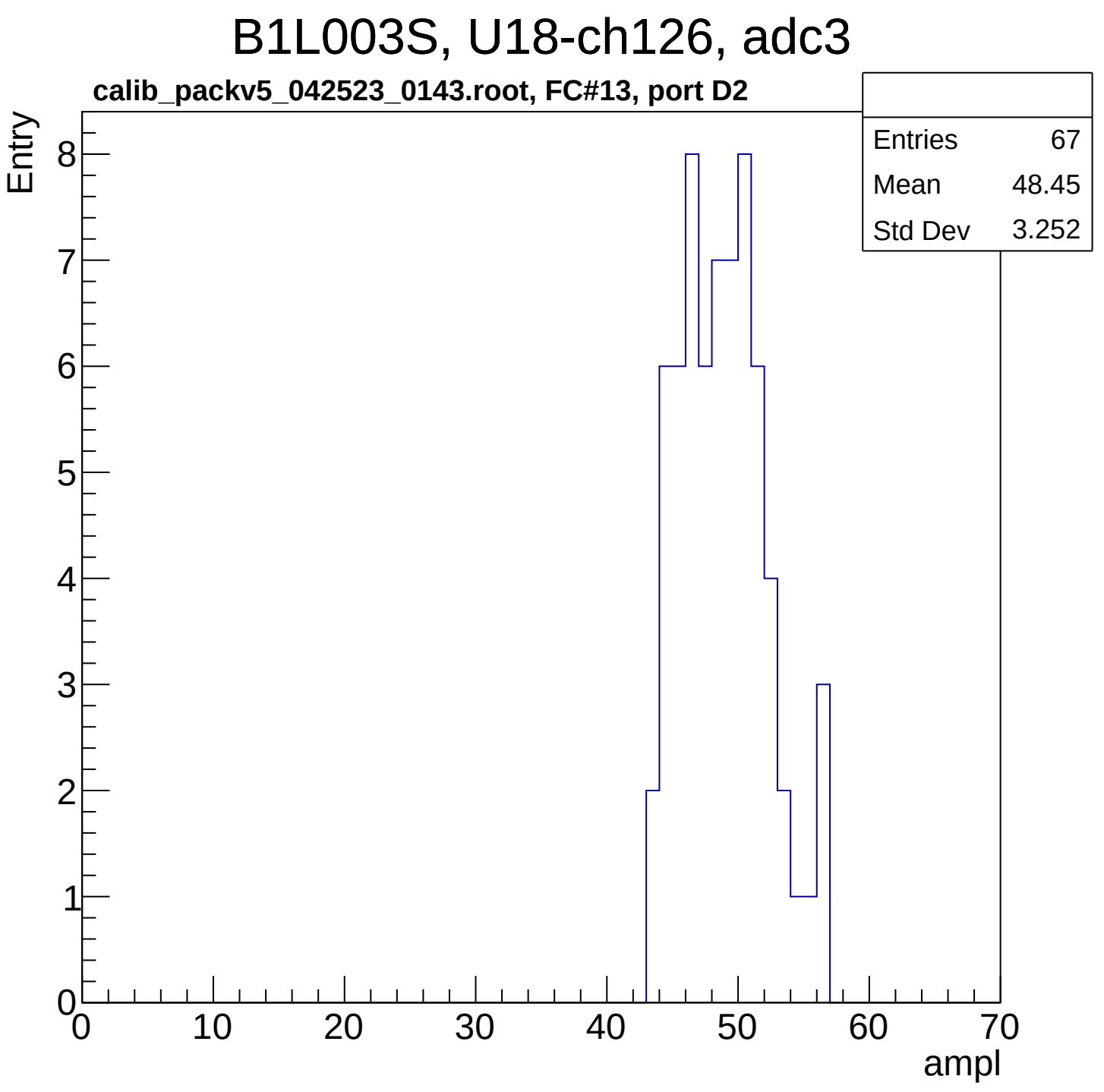

B1L003S, U18-ch125, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

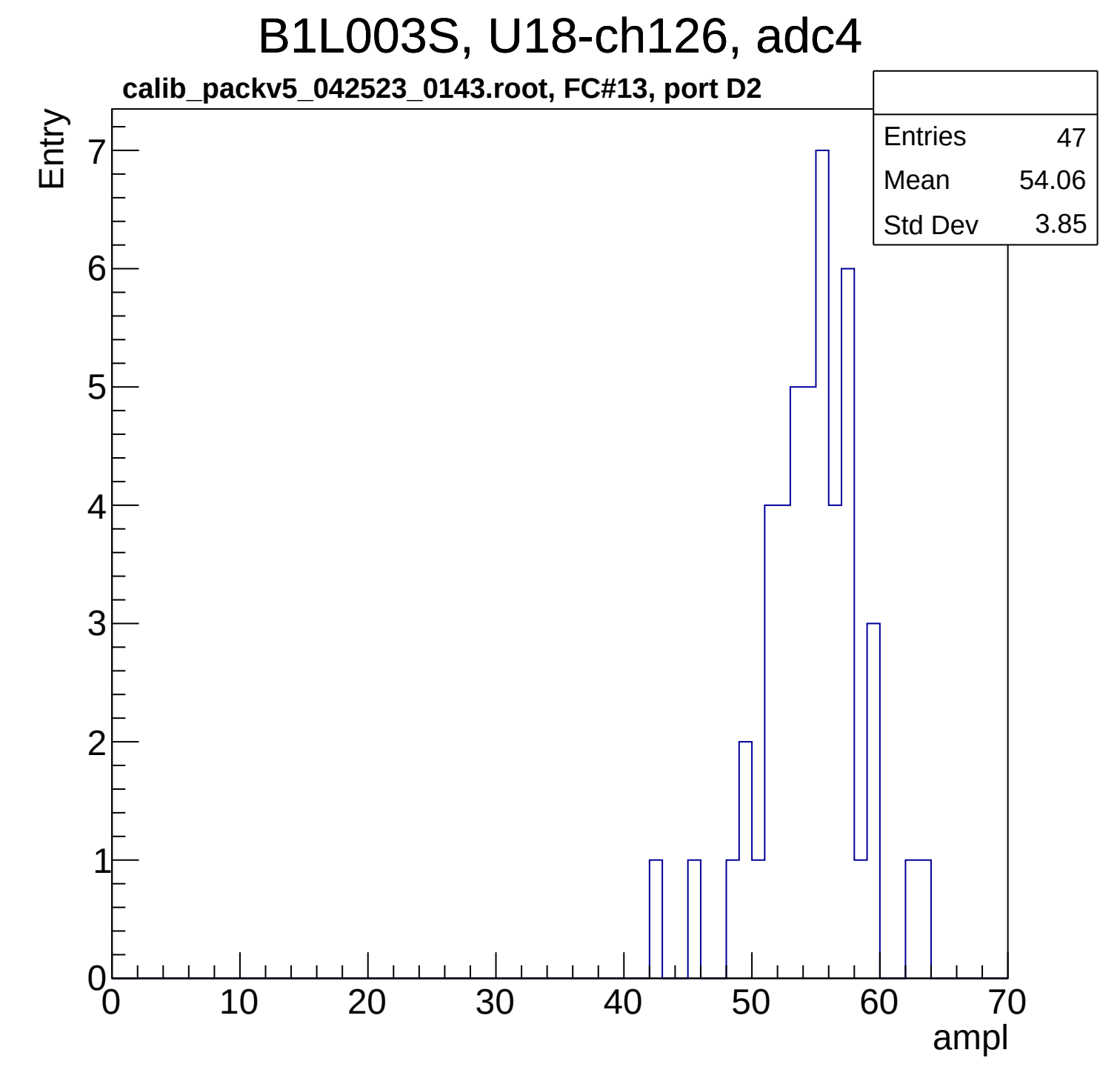

B1L003S, U18-ch125, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

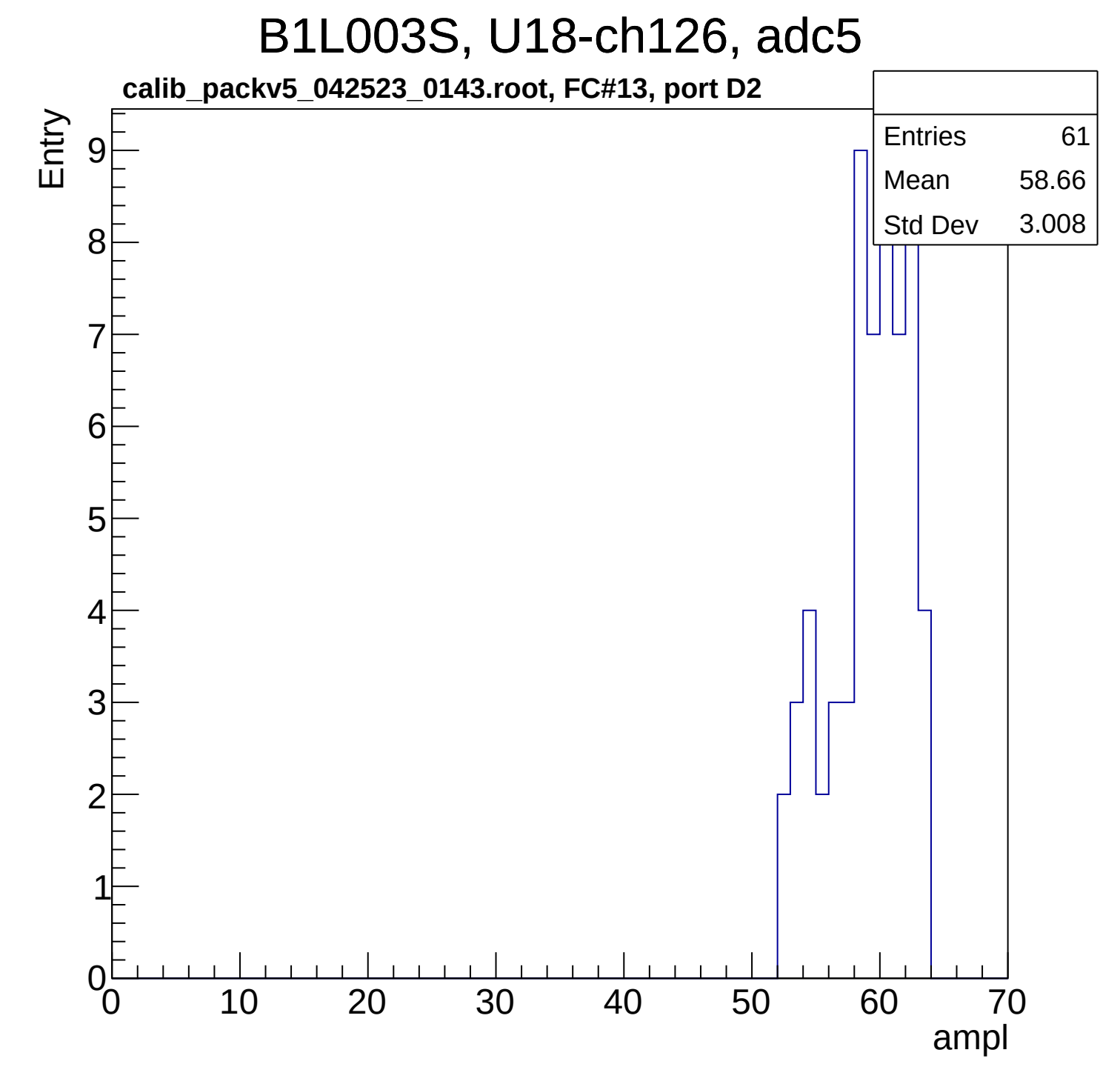

B1L003S, U18-ch126, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 80
Mean 27.93
Std Dev 7.271
Gaus mean : 30.0476
Gaus Width: 3.7282
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

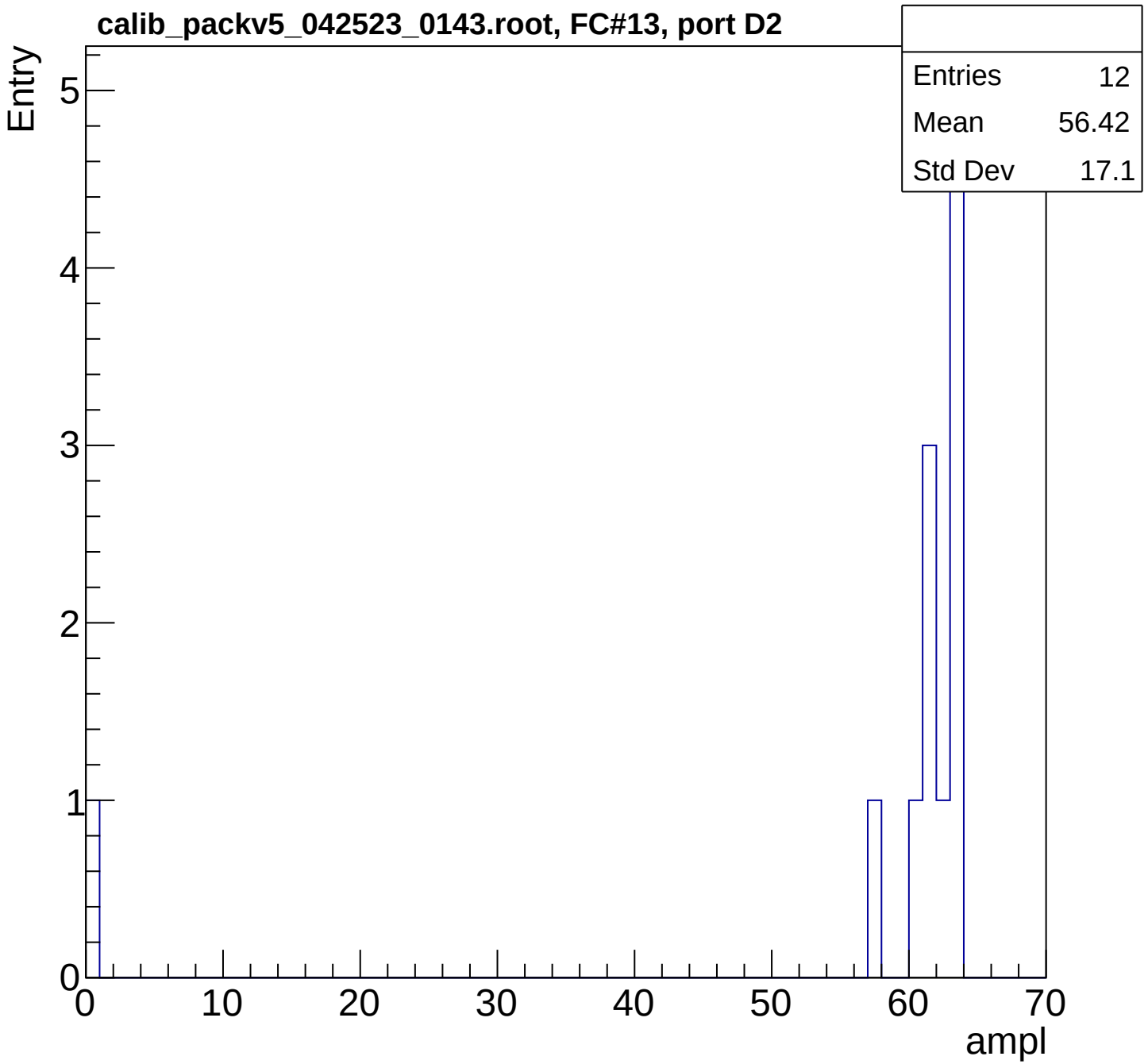

B1L003S, U18-ch126, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 57
Mean 35.89
Std Dev 3.688
Gaus mean : 36.0821
Gaus Width: 3.5817
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

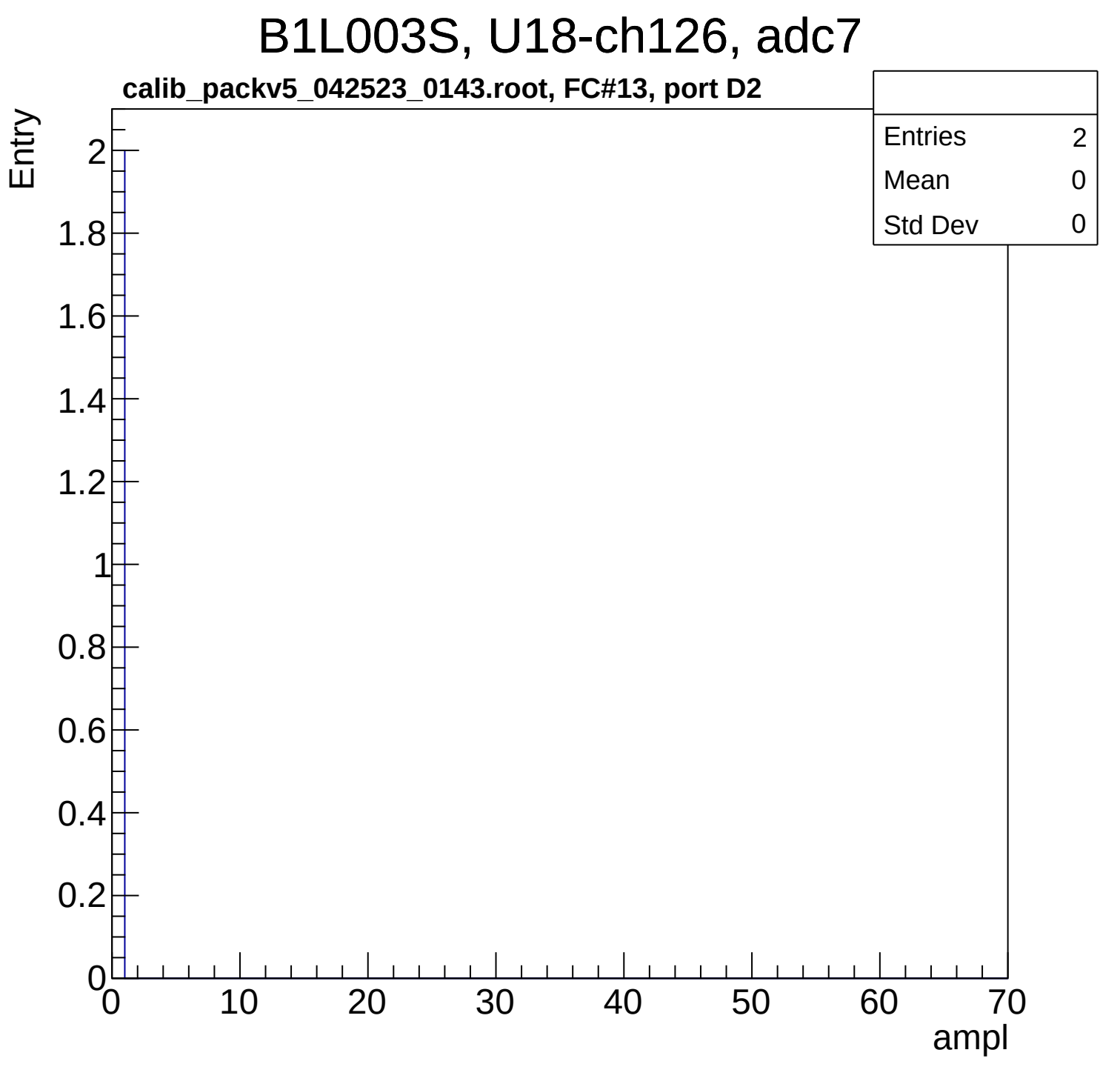

B1L003S, U18-ch126, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 41.74
Std Dev 3.478
Gaus mean : 41.7682
Gaus Width: 4.0067
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

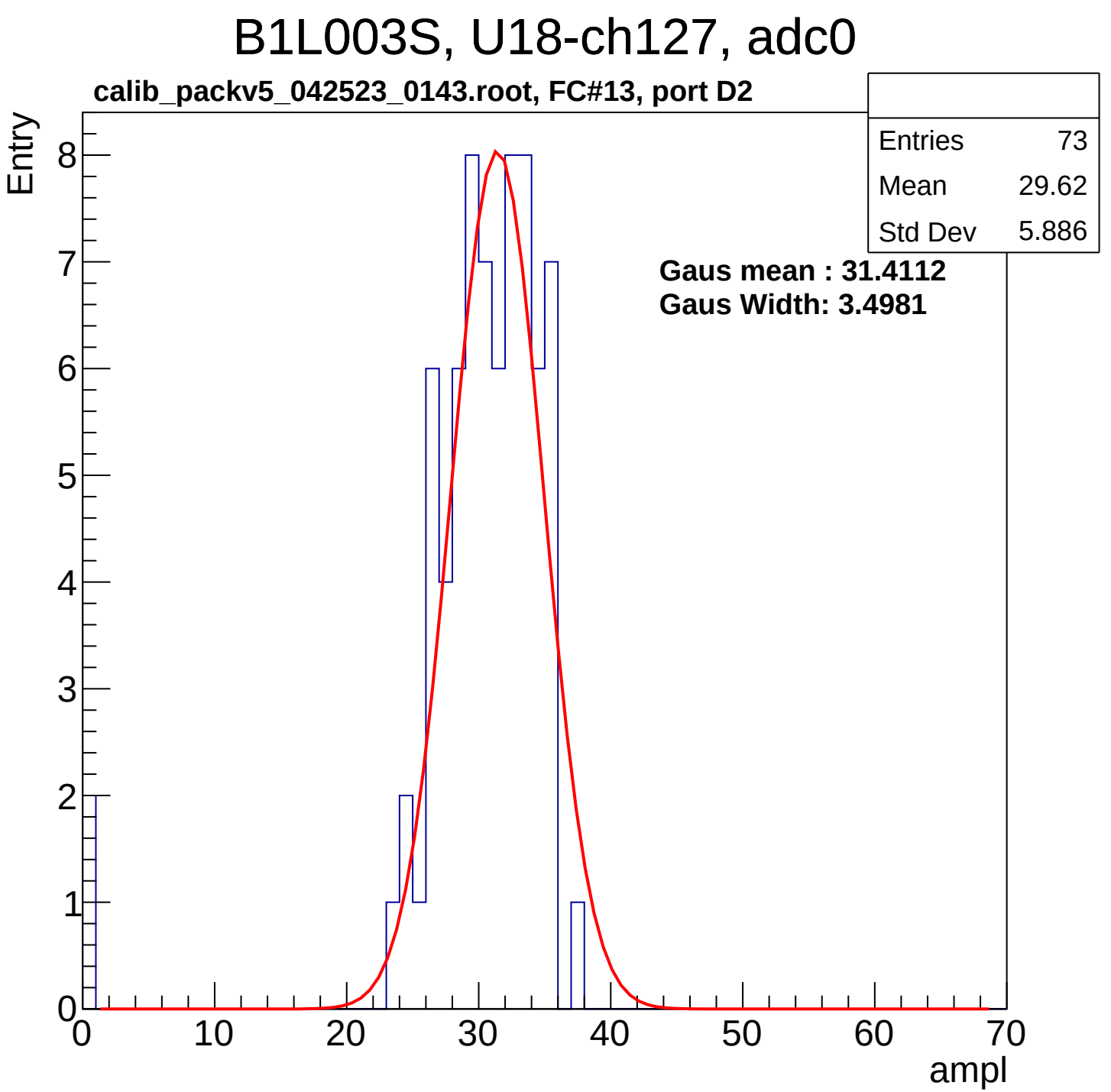

B1L003S, U18-ch126, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 67
Mean 48.45
Std Dev 3.252
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

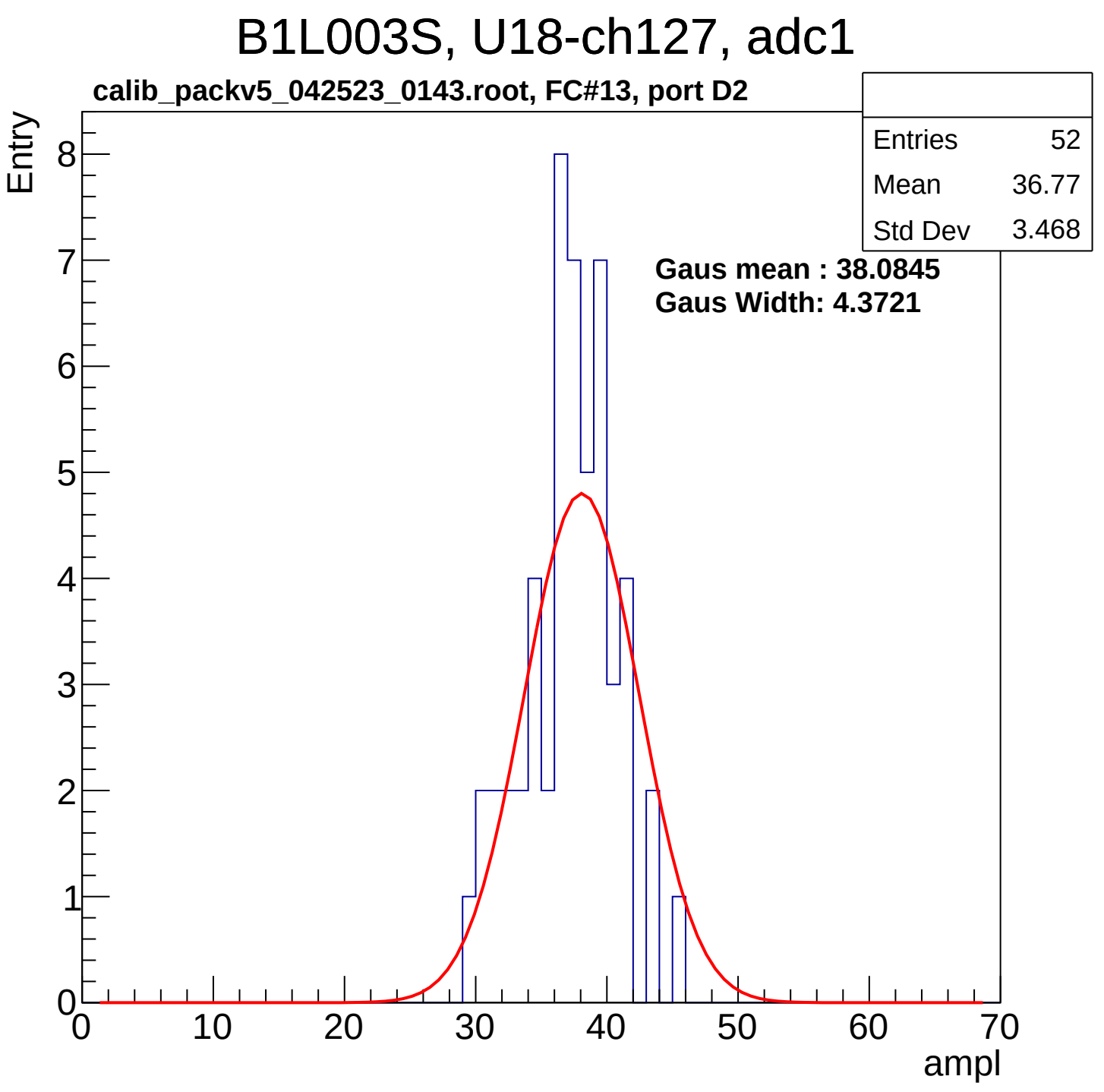

B1L003S, U18-ch126, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 47
Mean 54.06
Std Dev 3.85
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

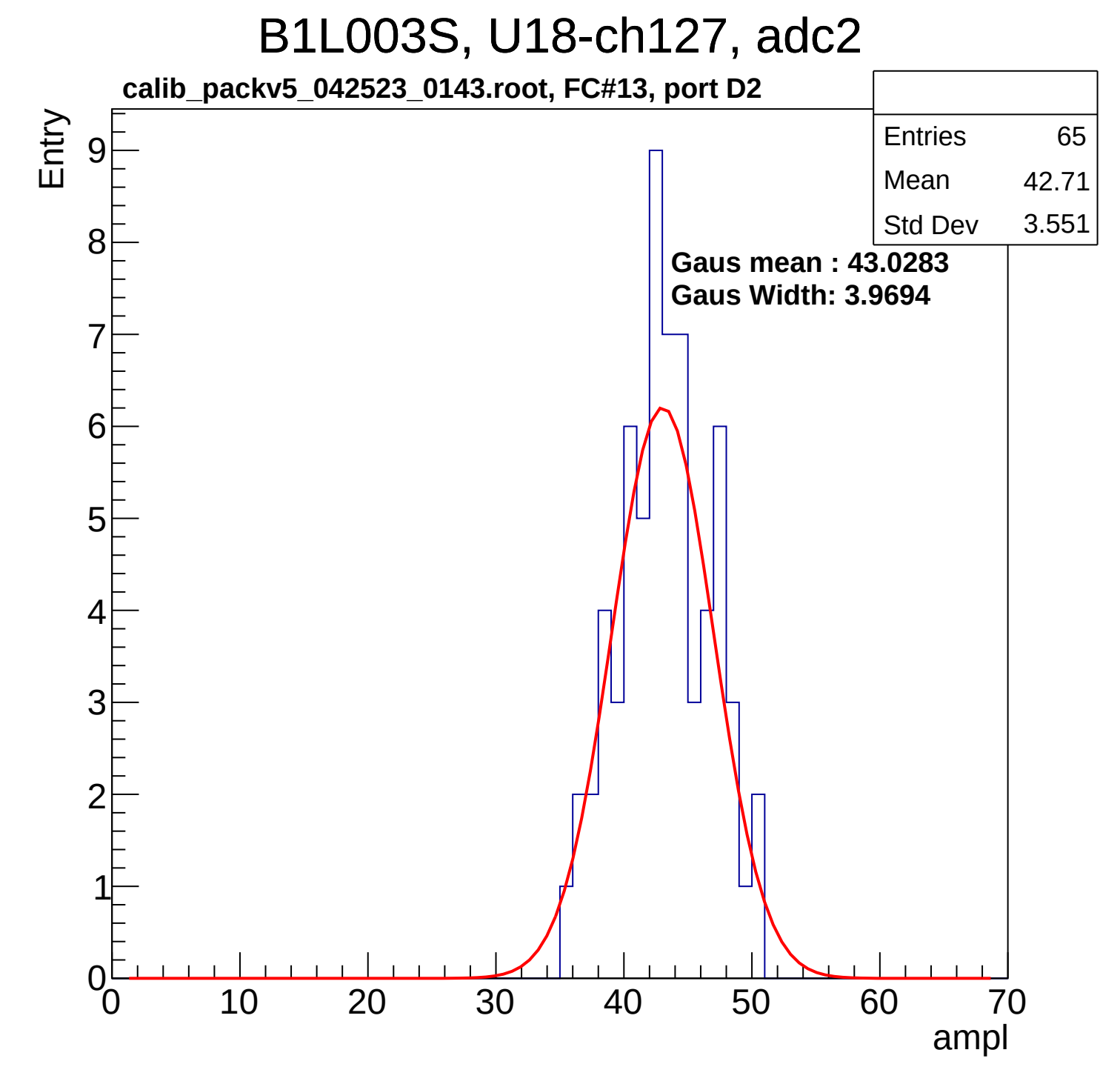

B1L003S, U18-ch126, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 61
Mean 58.66
Std Dev 3.008
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

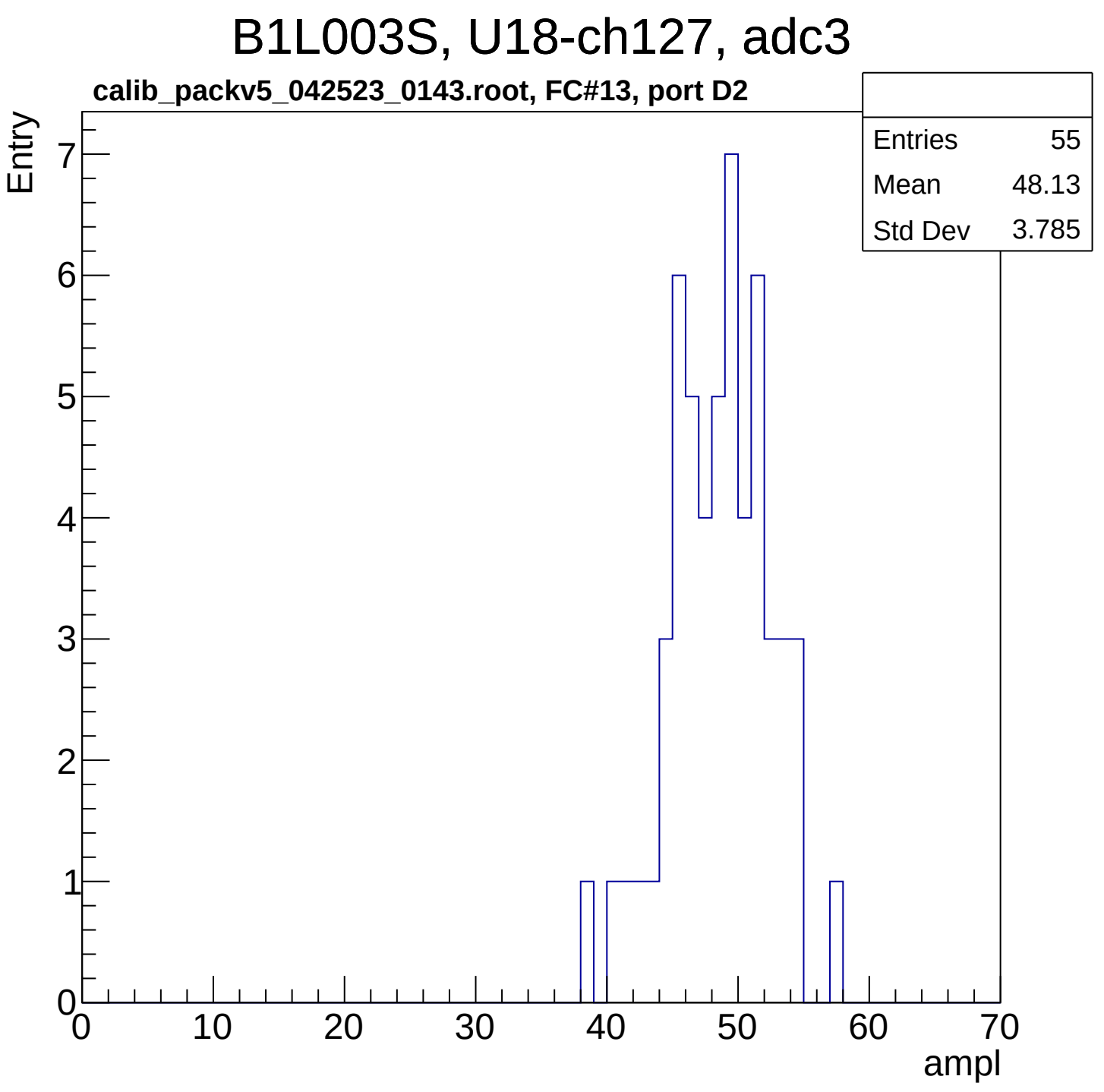

B1L003S, U18-ch126, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 12
Mean 56.42
Std Dev 17.1
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

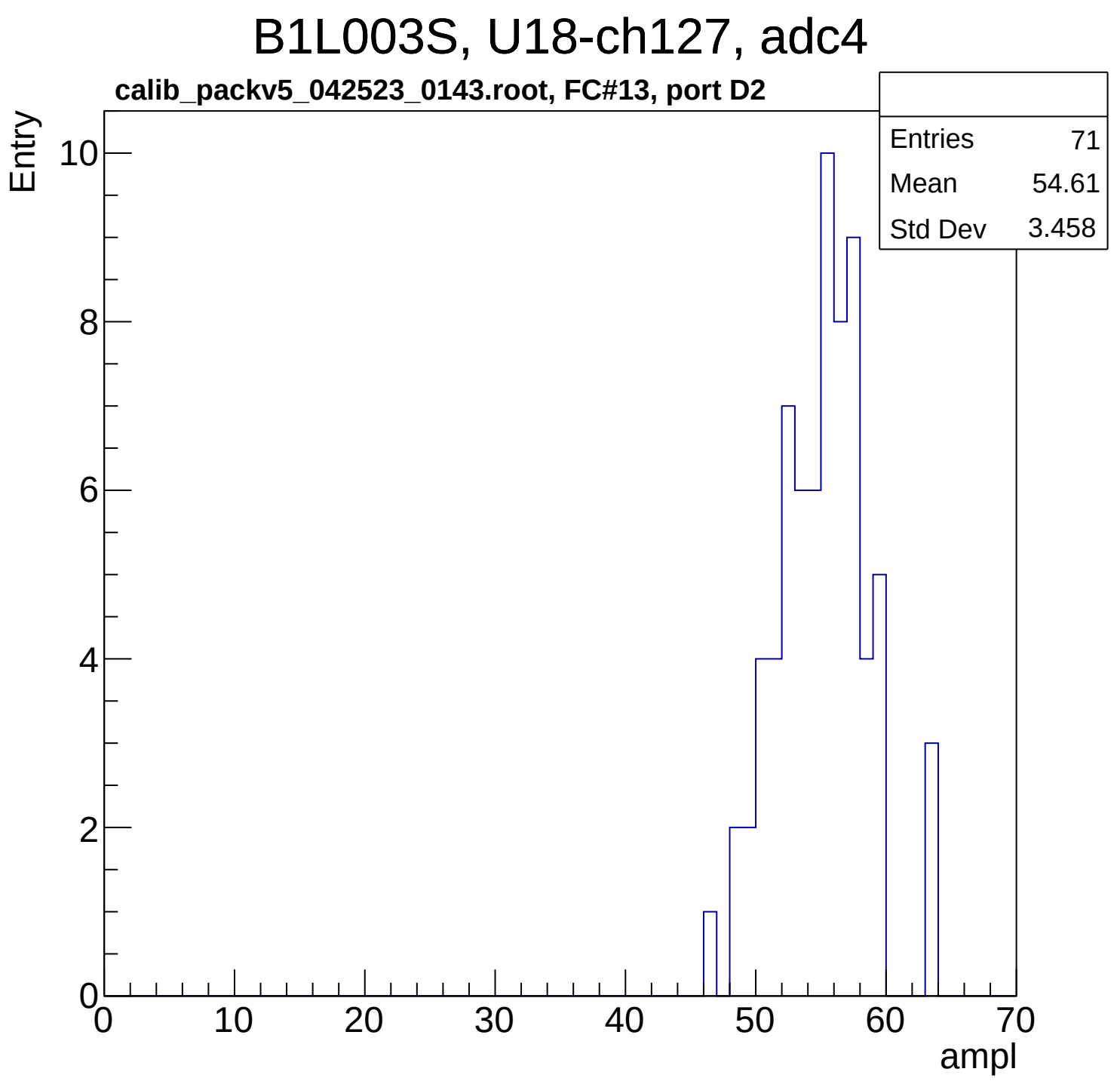

B1L003S, U18-ch126, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

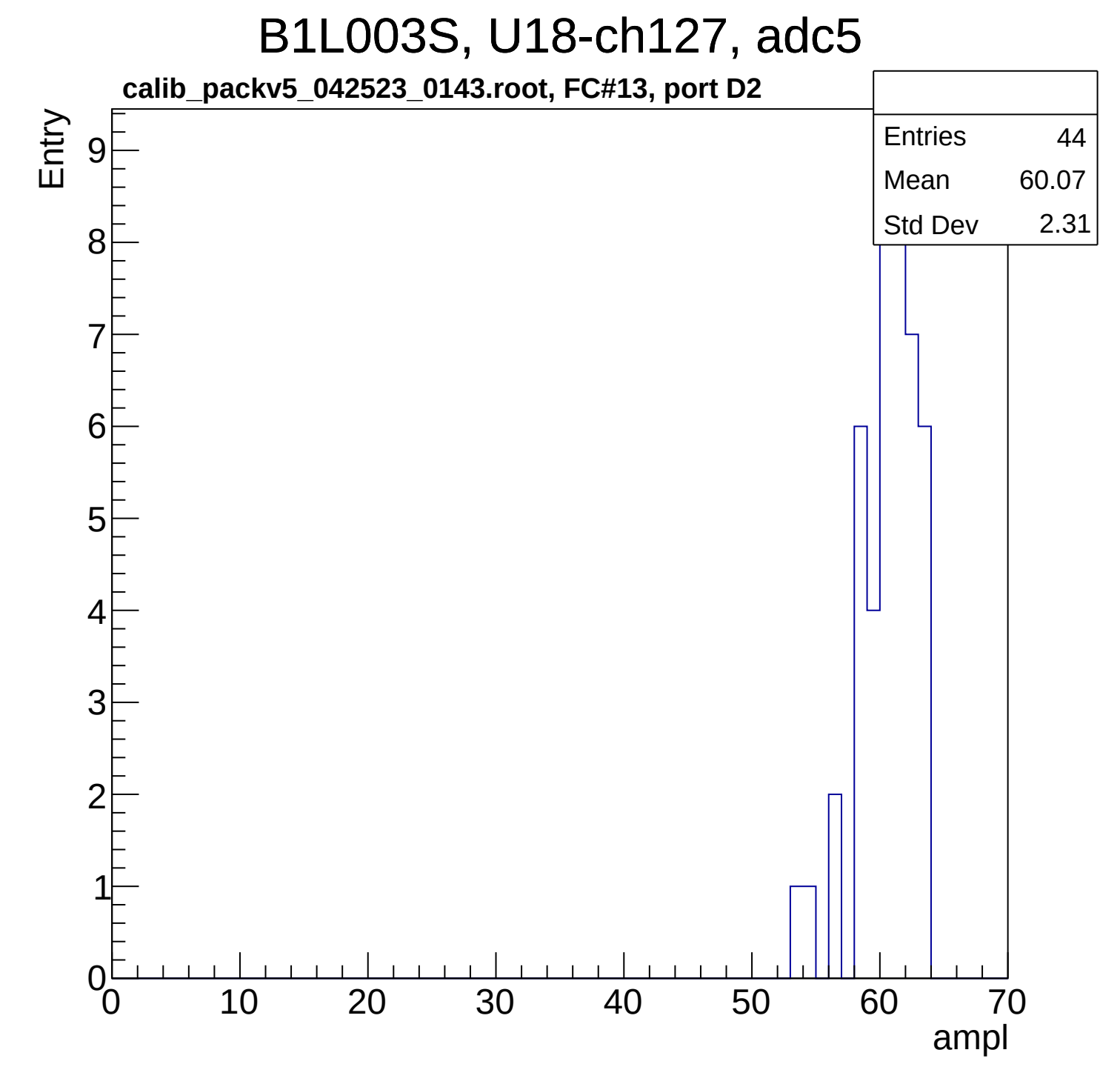

B1L003S, U18-ch127, adc0
calib_packv5_042523_0143.root, FC#13, port D2
Entries 73
Mean 29.62
Std Dev 5.886
Gaus mean : 31.4112
Gaus Width: 3.4981
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

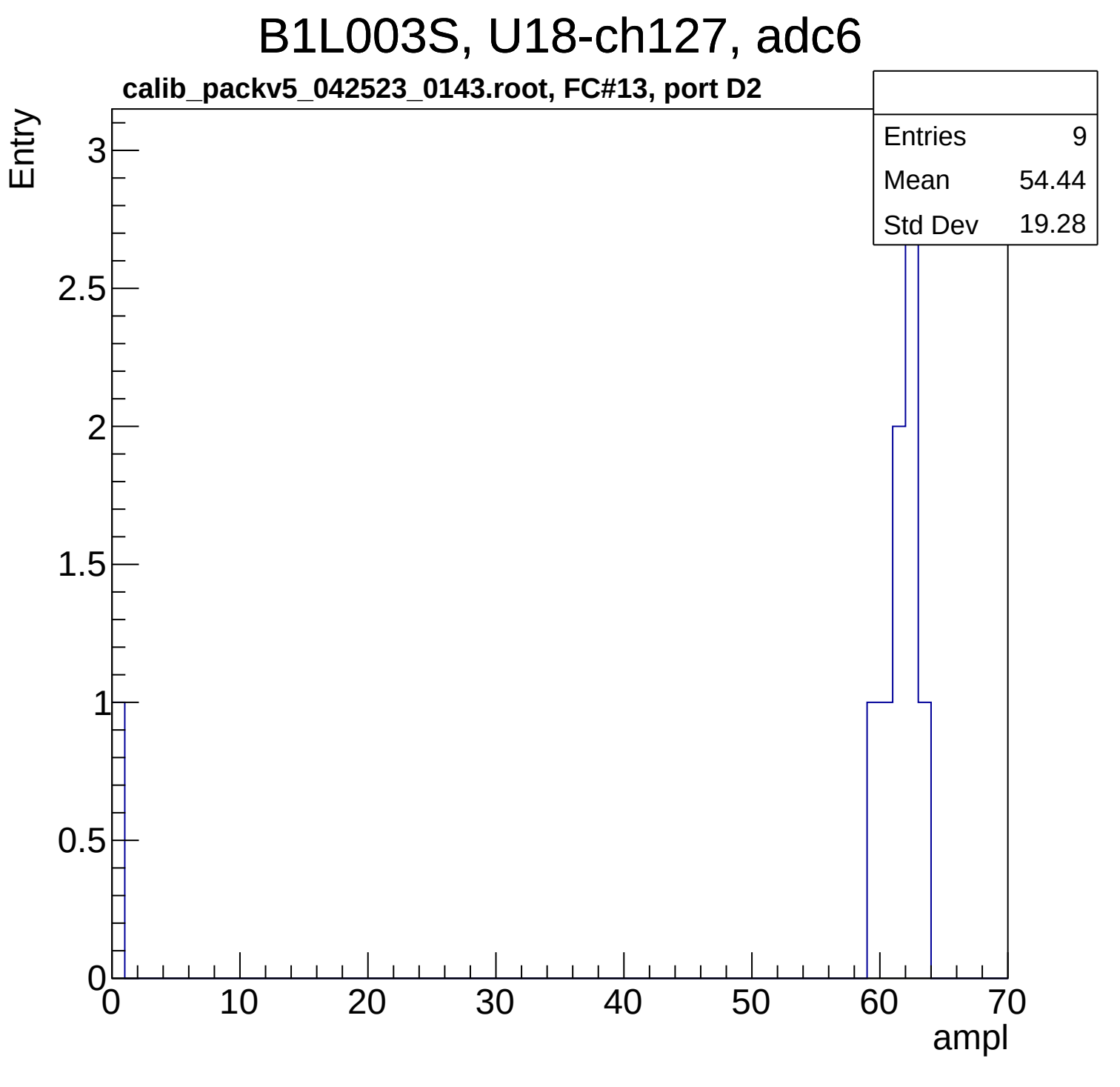

B1L003S, U18-ch127, adc1
calib_packv5_042523_0143.root, FC#13, port D2
Entries 52
Mean 36.77
Std Dev 3.468
Gaus mean : 38.0845
Gaus Width: 4.3721
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

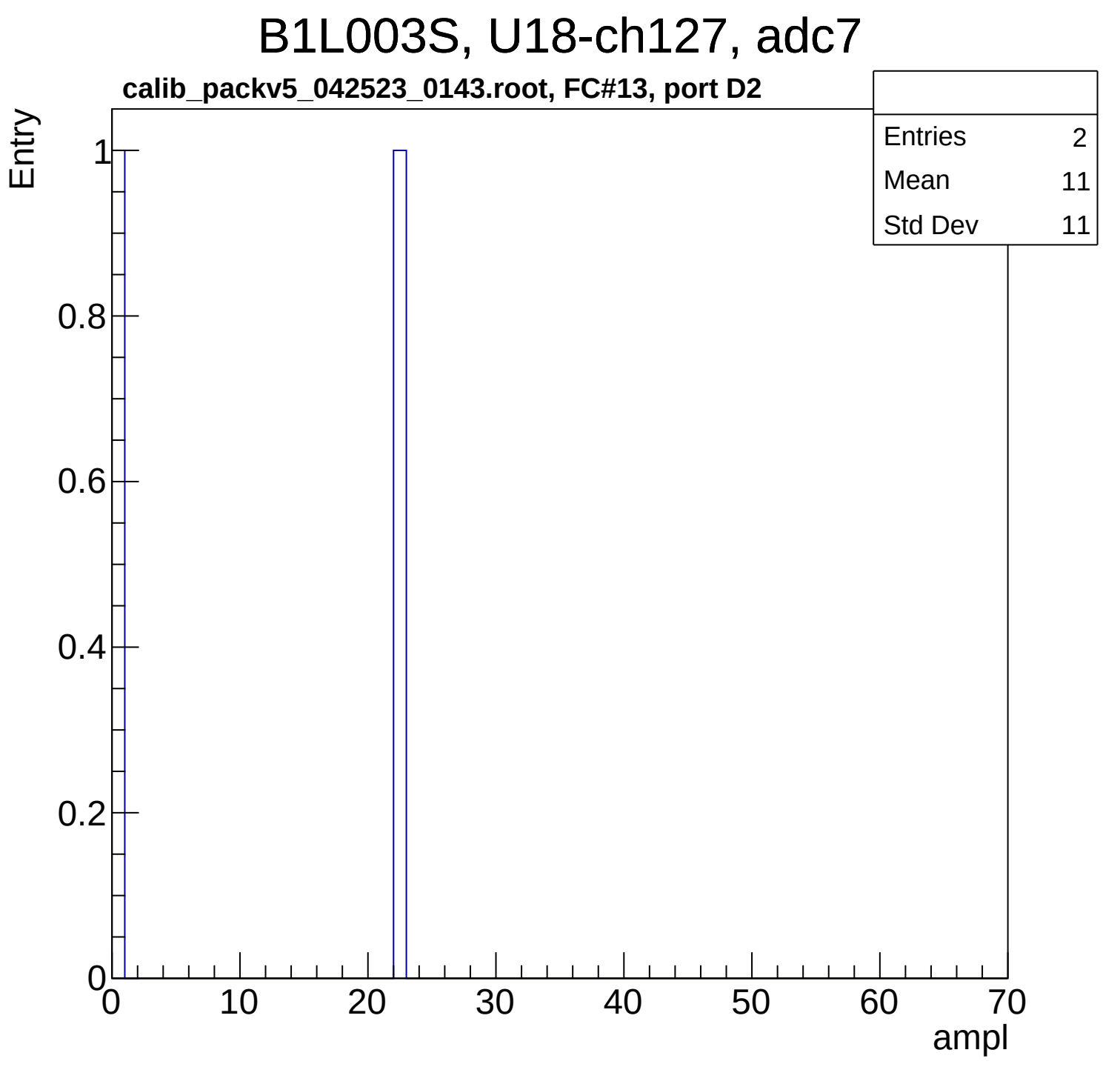

B1L003S, U18-ch127, adc2
calib_packv5_042523_0143.root, FC#13, port D2
Entries 65
Mean 42.71
Std Dev 3.551
Gaus mean : 43.0283
Gaus Width: 3.9694
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

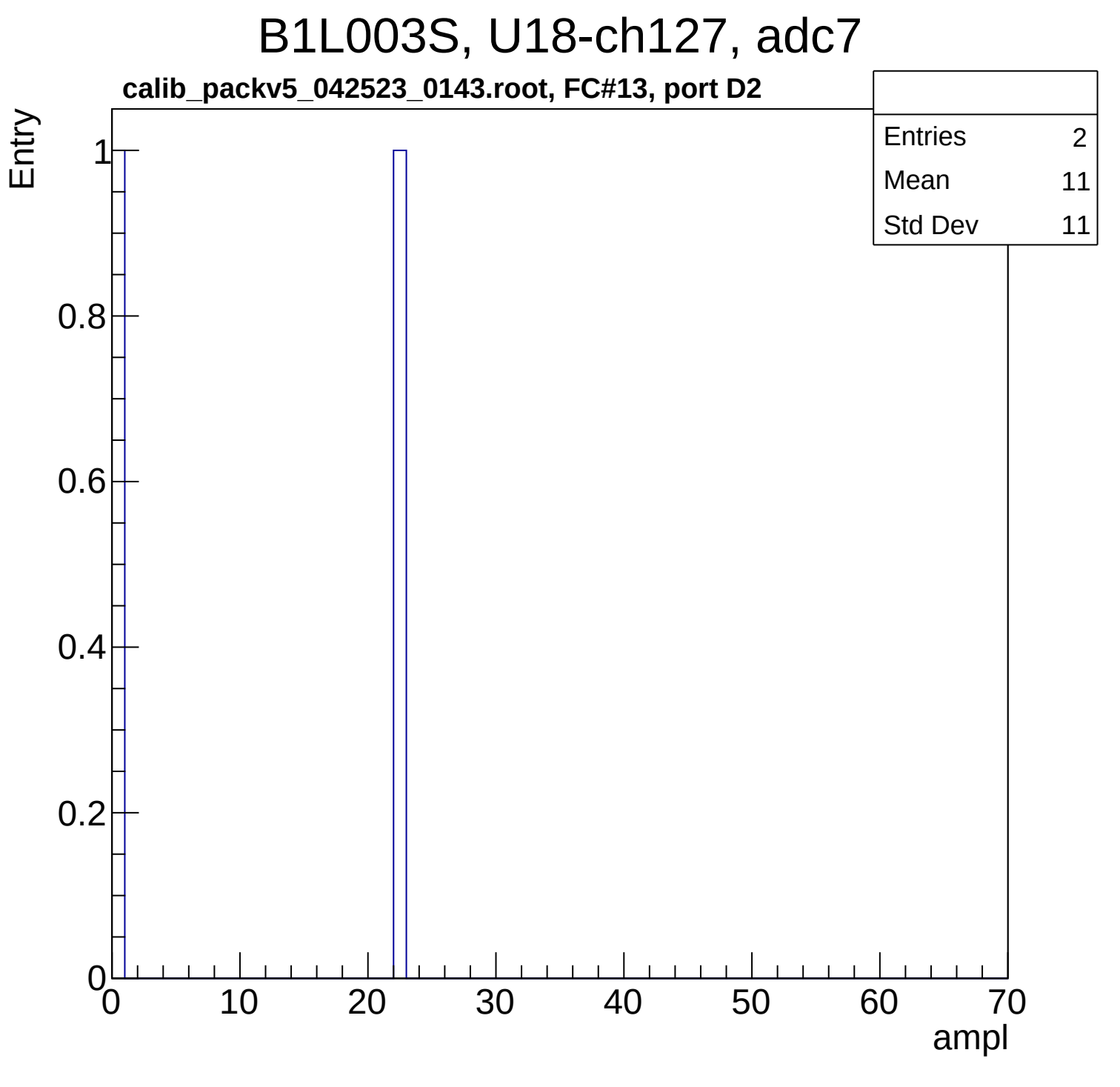

B1L003S, U18-ch127, adc3
calib_packv5_042523_0143.root, FC#13, port D2
Entries 55
Mean 48.13
Std Dev 3.785
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L003S, U18-ch127, adc4
calib_packv5_042523_0143.root, FC#13, port D2
Entries 71
Mean 54.61
Std Dev 3.458
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L003S, U18-ch127, adc5
calib_packv5_042523_0143.root, FC#13, port D2
Entries 44
Mean 60.07
Std Dev 2.31
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L003S, U18-ch127, adc6
calib_packv5_042523_0143.root, FC#13, port D2
Entries 9
Mean 54.44
Std Dev 19.28
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L003S, U18-ch127, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L003S, U18-ch127, adc7
calib_packv5_042523_0143.root, FC#13, port D2
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl