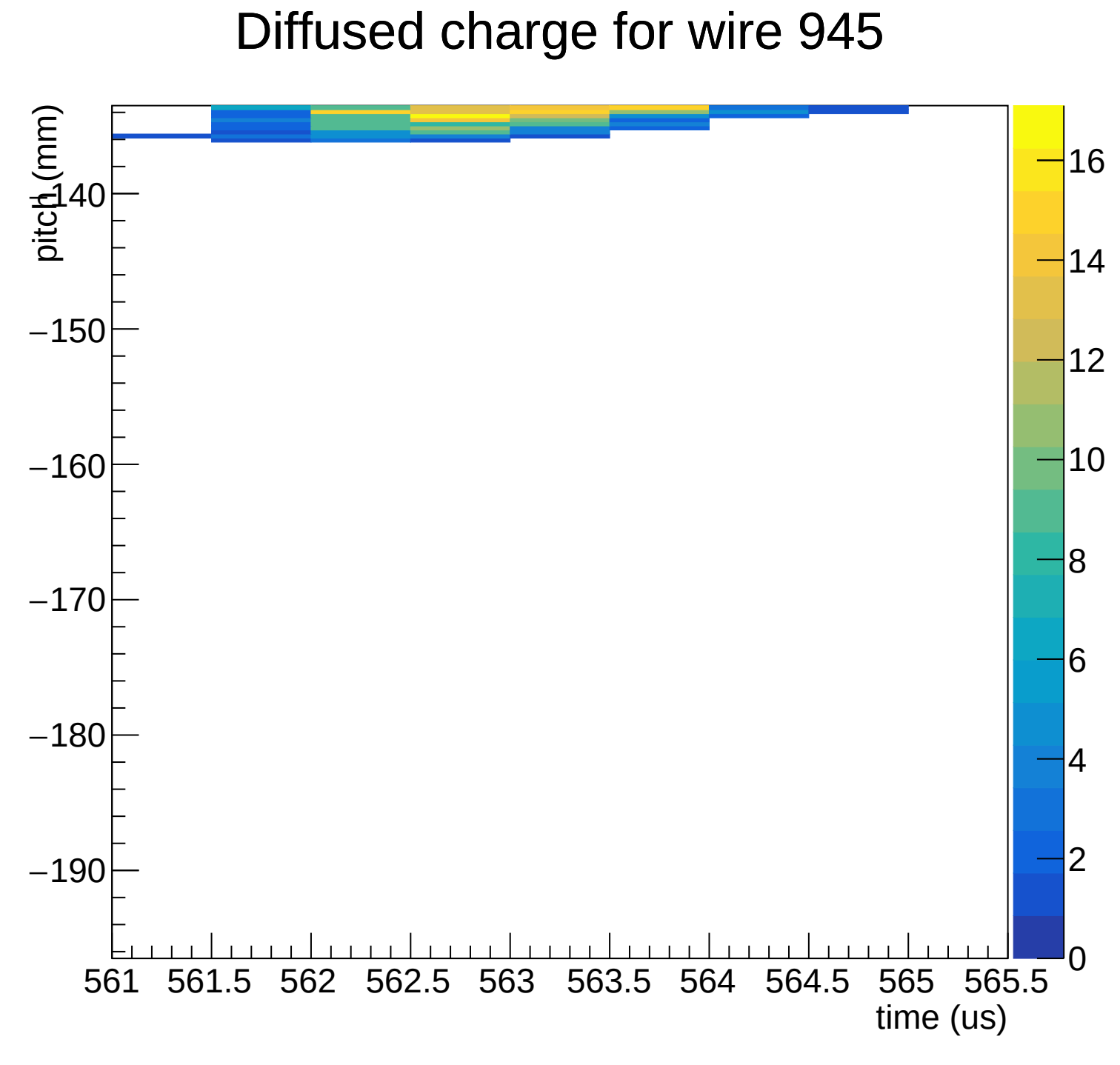
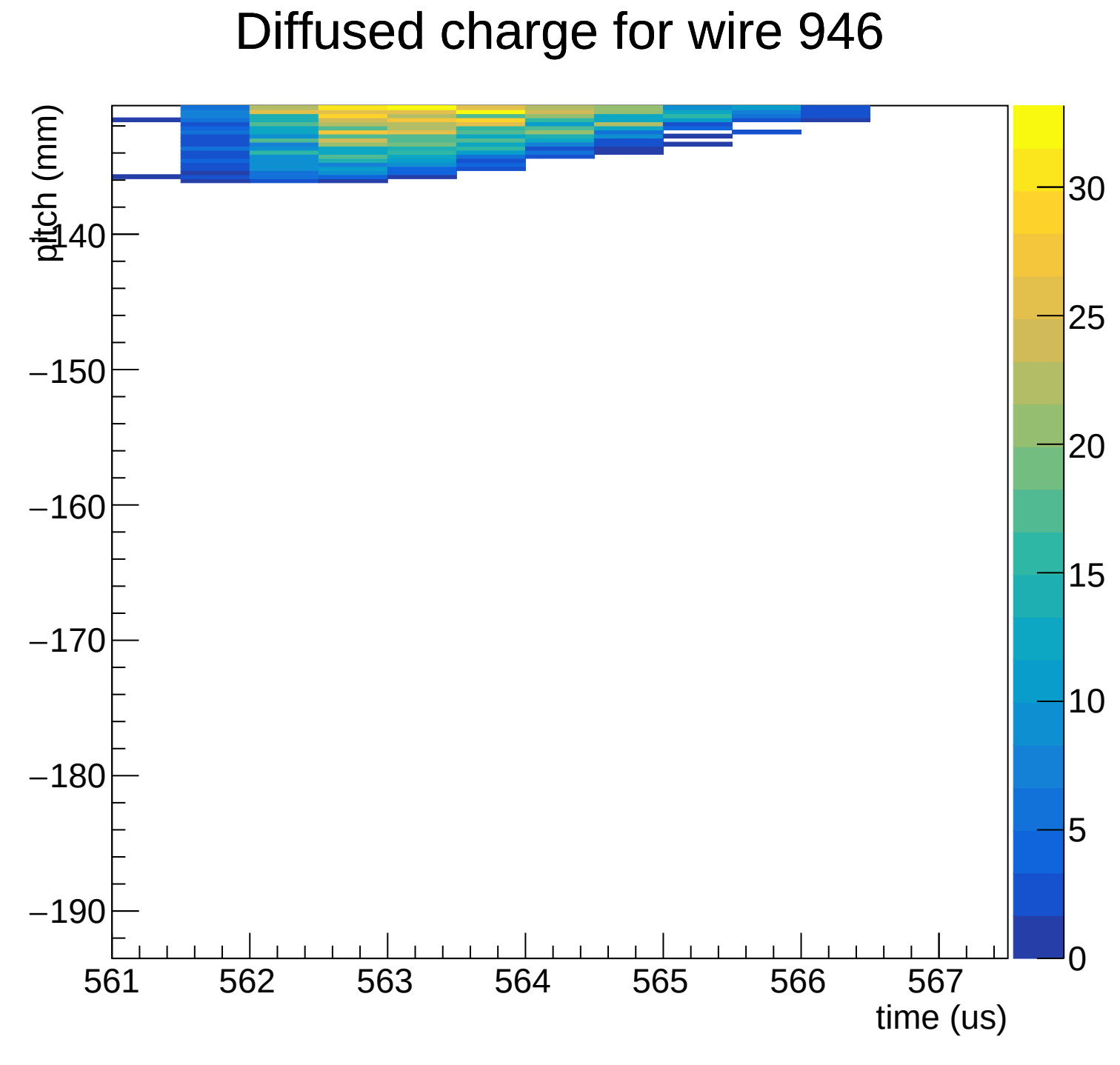
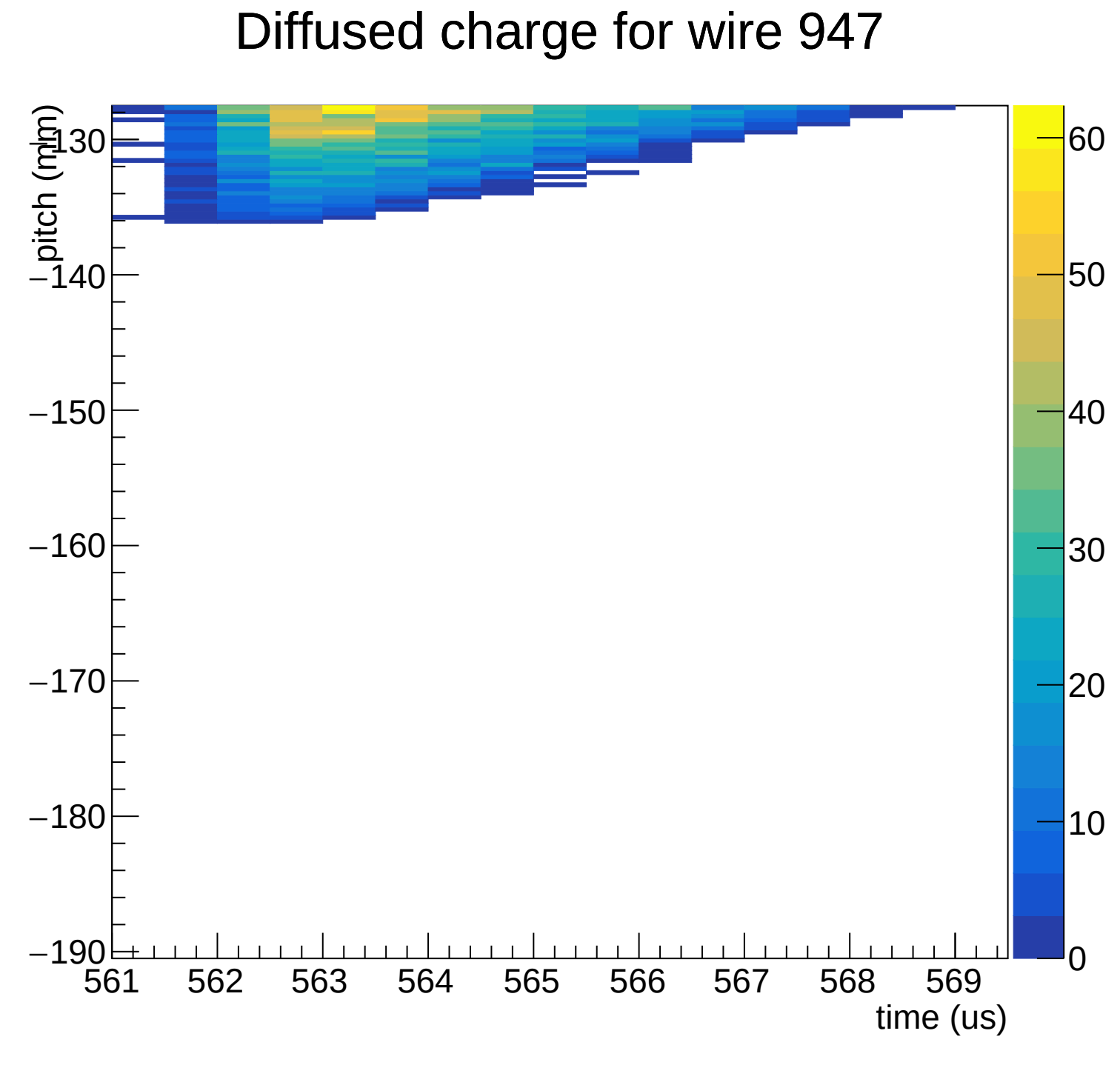
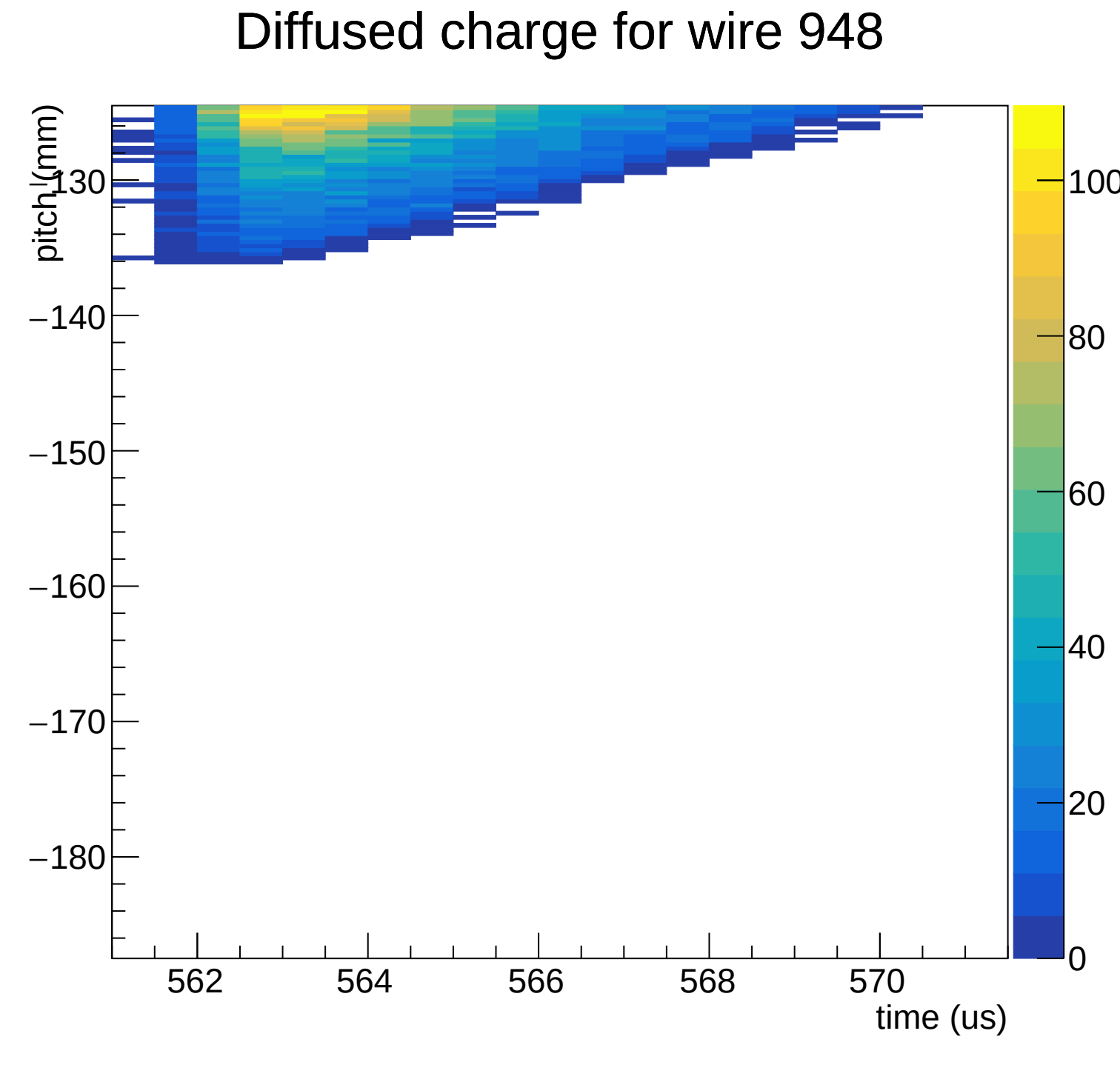
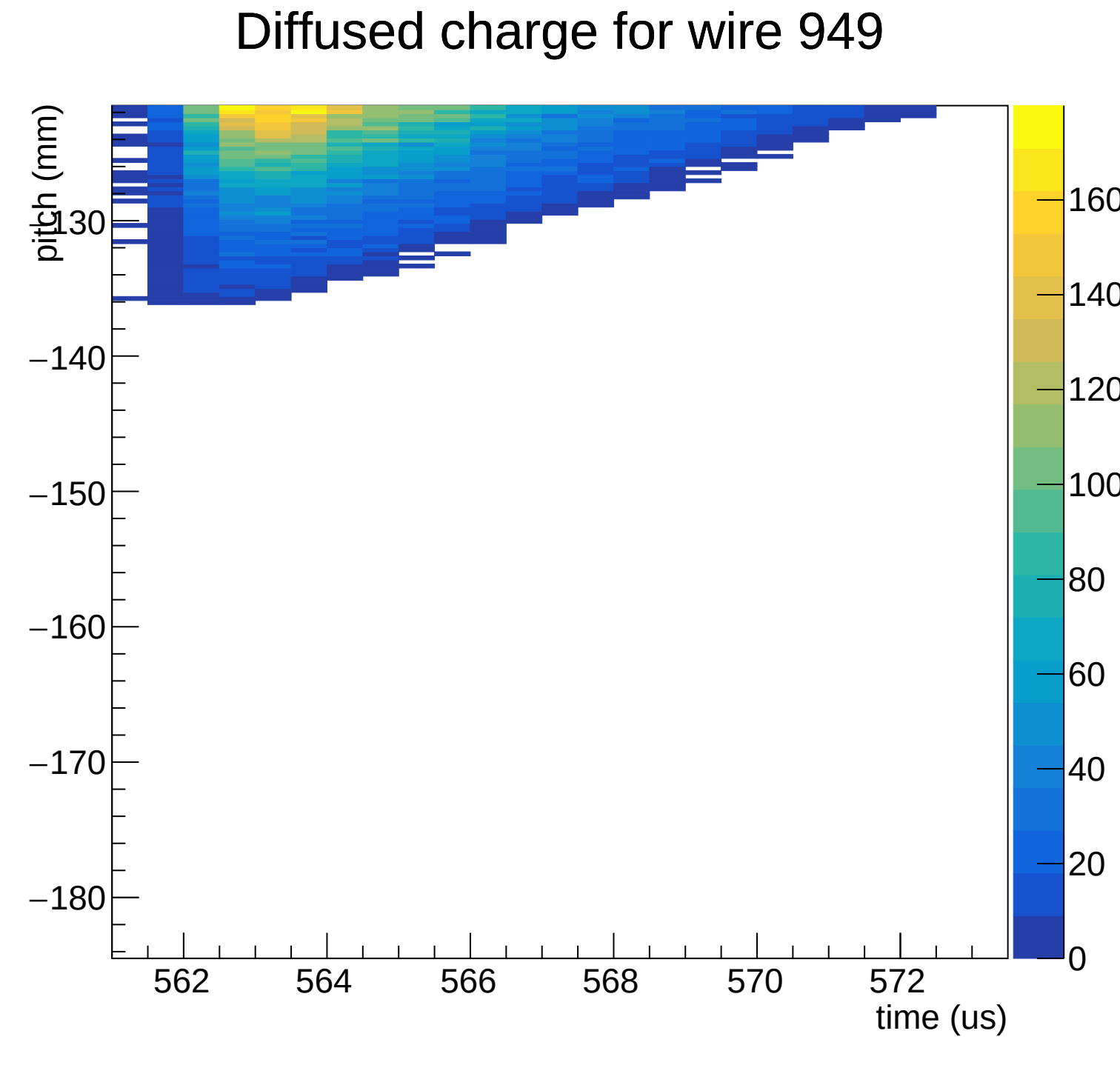
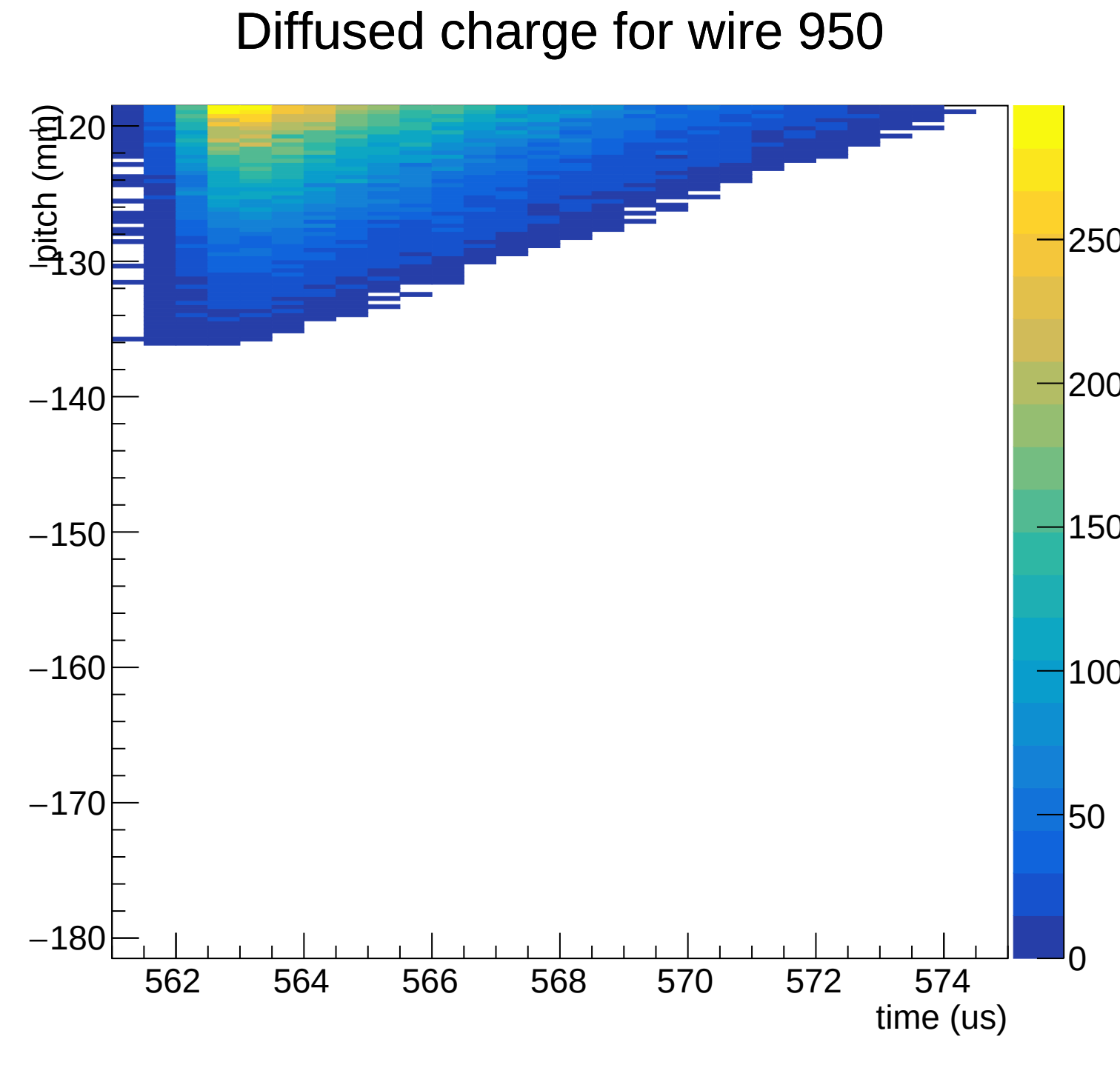

Diffused charge for wire 945
pitch (mm)
−140
−150
−160
−170
−180
−190
561
561.5
562
562.5
563
563.5
564
564.5
565
565.5
time (us)
16
14
12
10
8
6
4
2
0

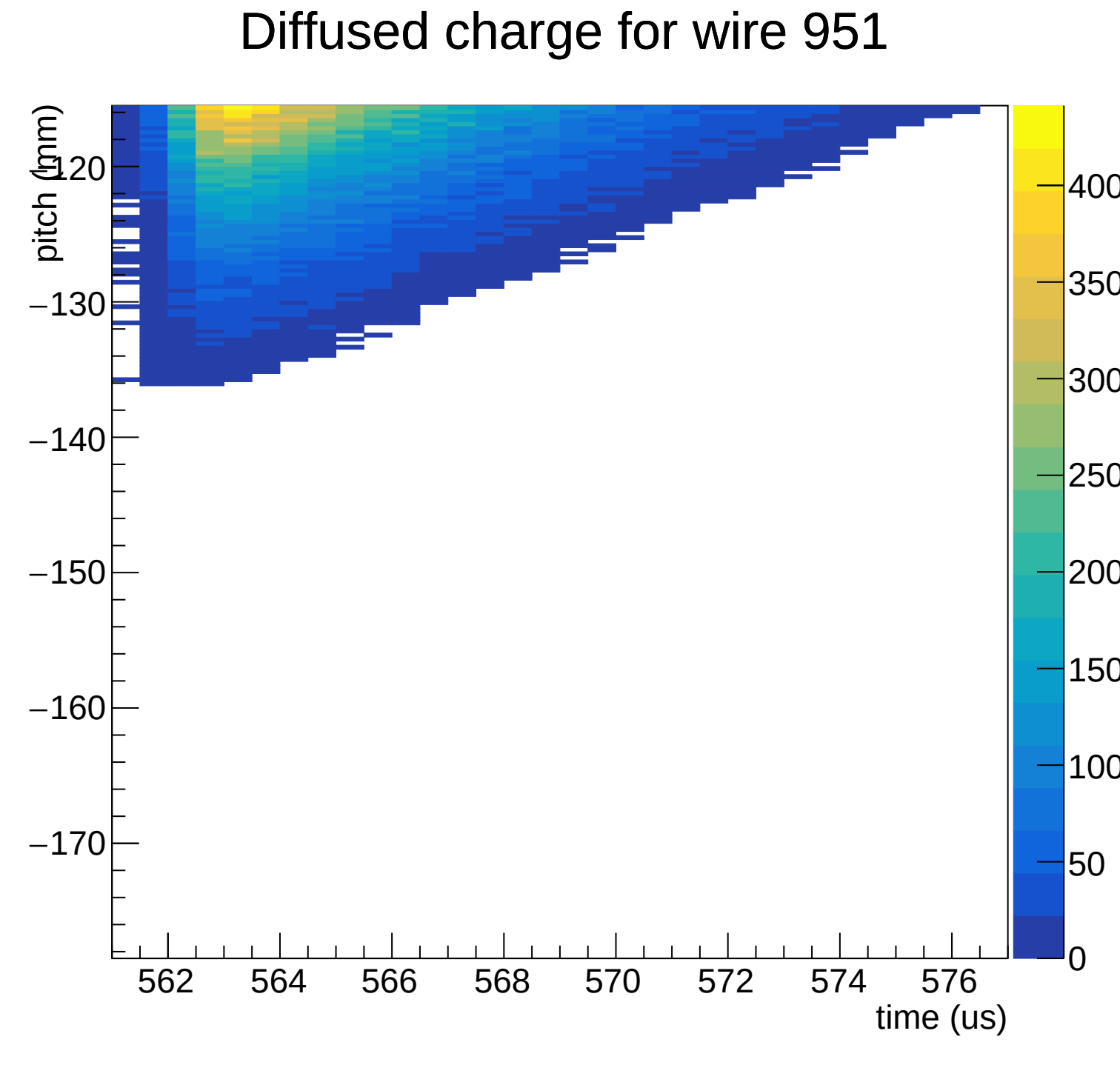

Diffused charge for wire 946
pitch (mm)
−140
−150
−160
−170
−180
−190
561
562
563
564
565
566
567
time (us)
30
25
20
15
10
5
0

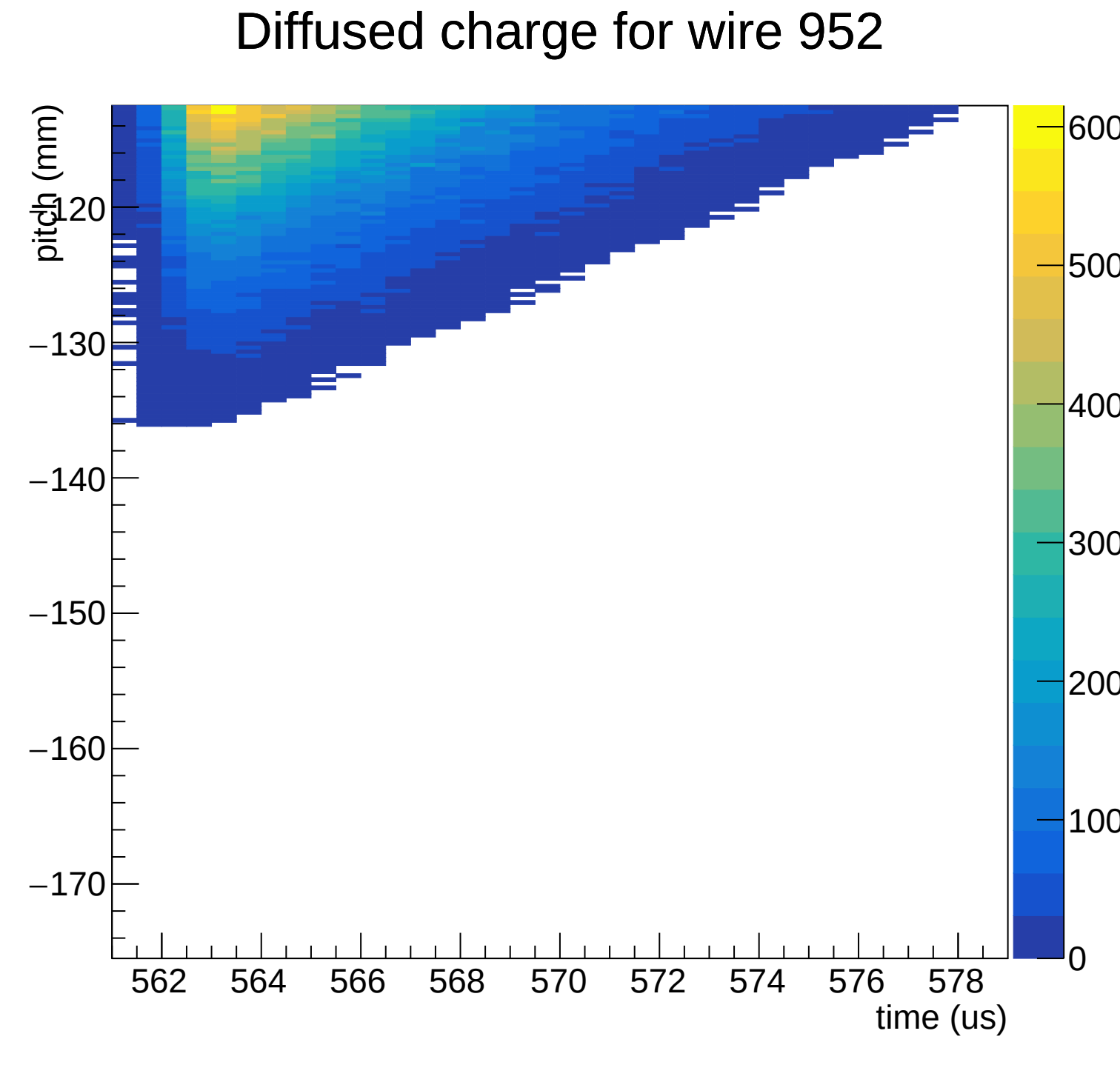

Diffused charge for wire 947
pitch (mm)
−130
−140
−150
−160
−170
−180
−190
561
562
563
564
565
566
567
568
569
time (us)
60
50
40
30
20
10
0

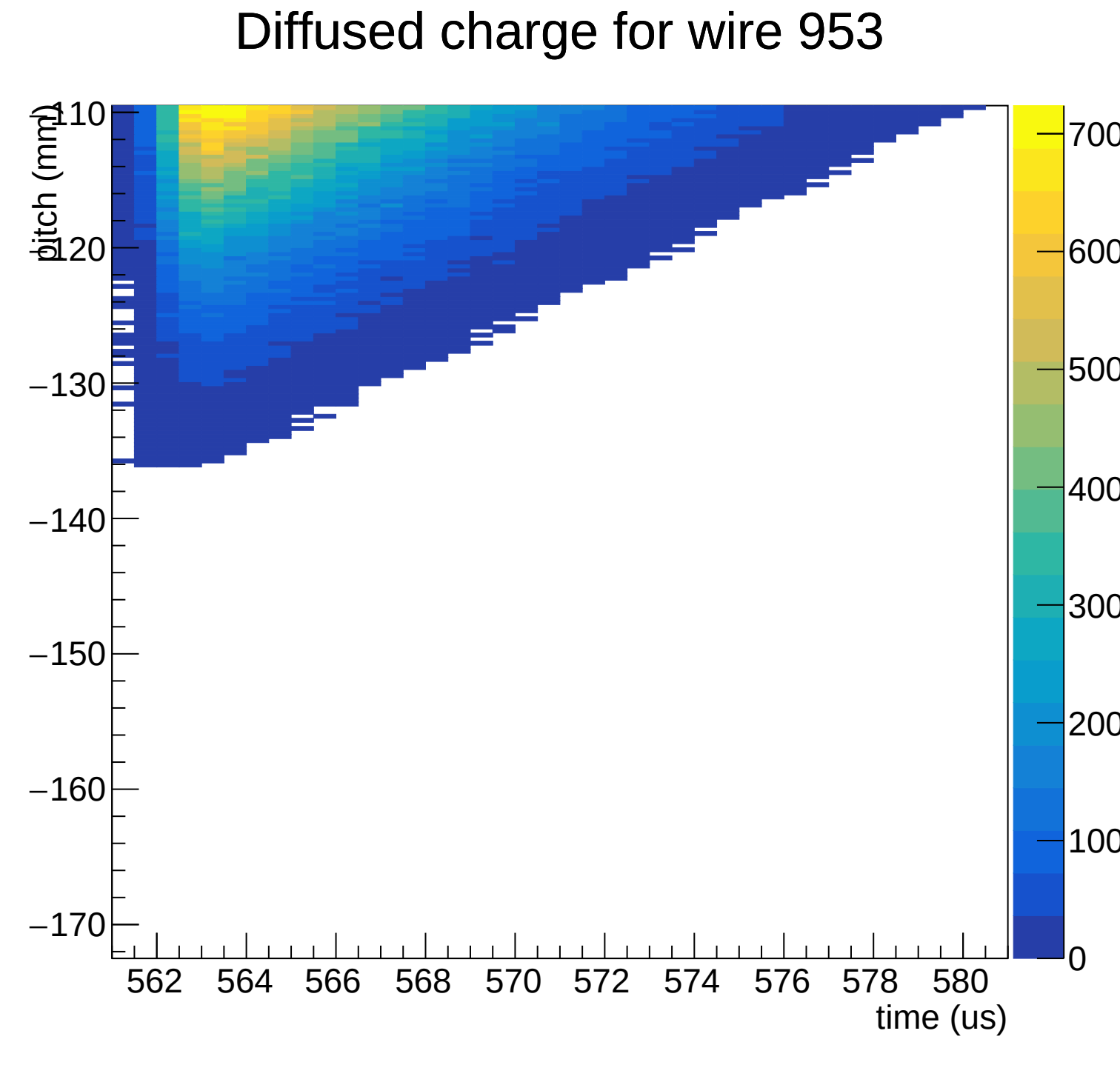

Diffused charge for wire 948
pitch (mm)
−130
−140
−150
−160
−170
−180
562
564
566
568
570
time (us)
100
80
60
40
20
0

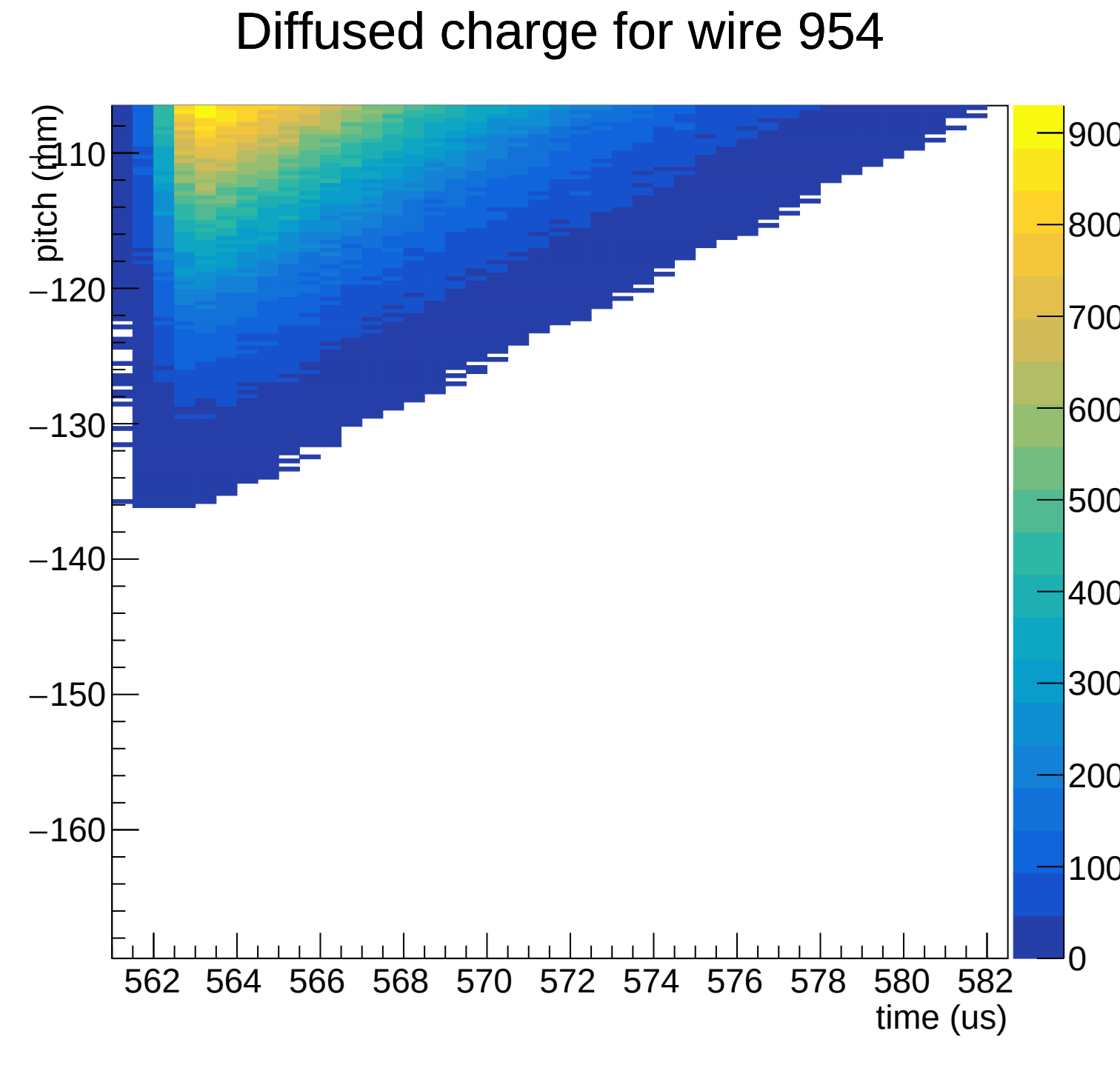

Diffused charge for wire 949
pitch (mm)
−130
−140
−150
−160
−170
−180
562
564
566
568
570
572
time (us)
160
140
120
100
80
60
40
20
0

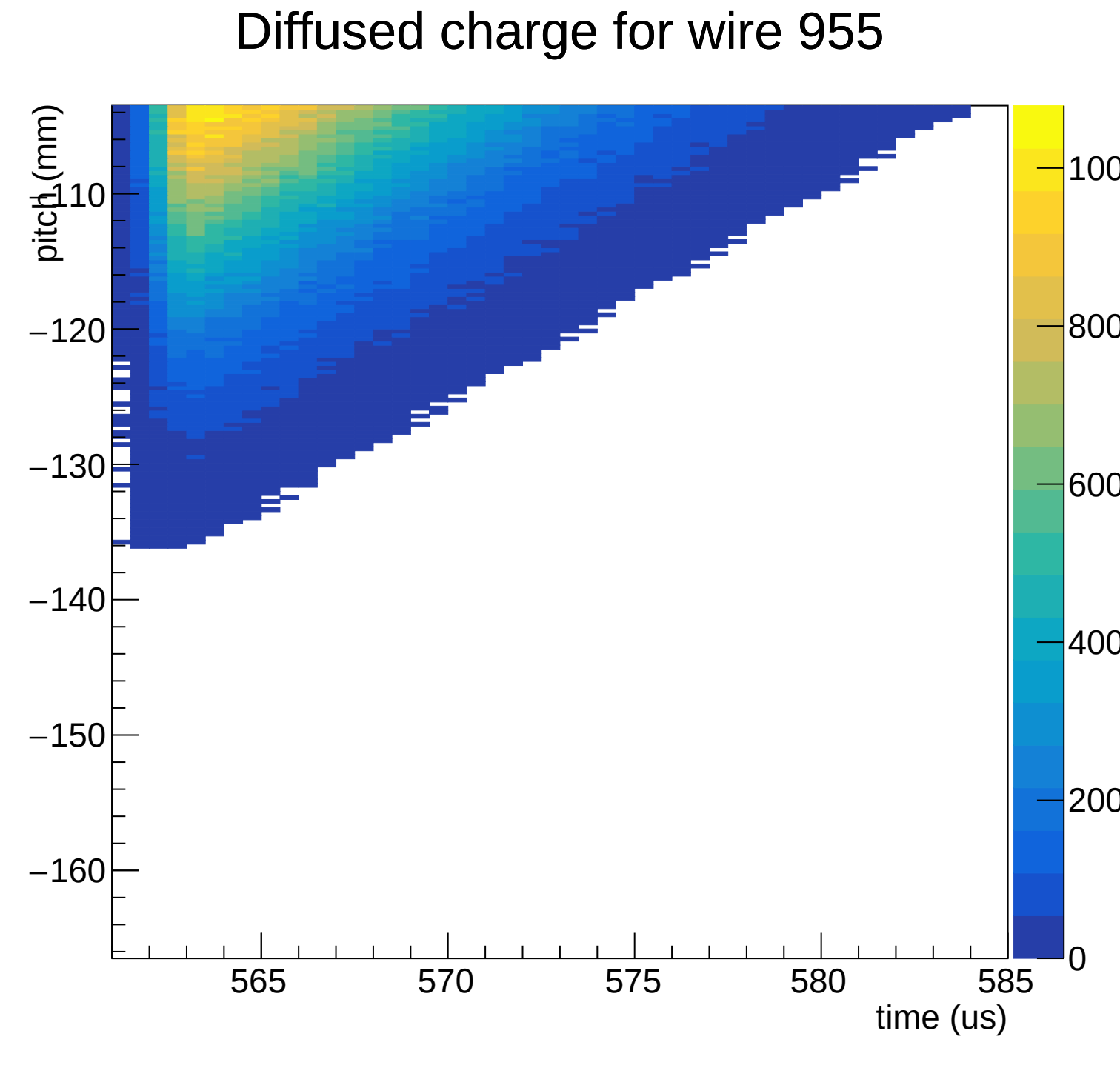

Diffused charge for wire 950
pitch (mm)
−120
−130
−140
−150
−160
−170
−180
562
564
566
568
570
572
574
time (us)
250
200
150
100
50
0

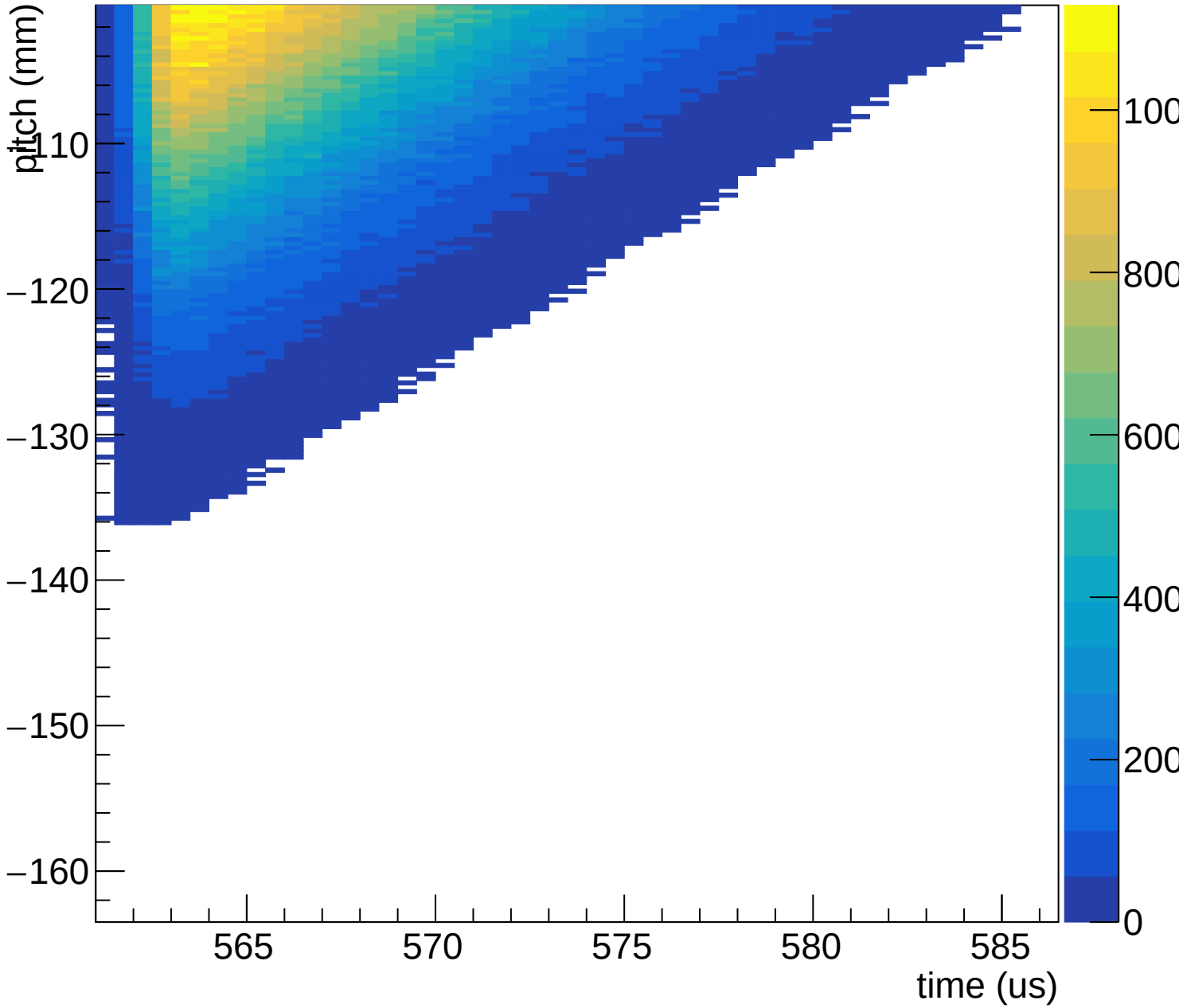

Diffused charge for wire 951
pitch (mm)
−120
−130
−140
−150
−160
−170
562
564
566
568
570
572
574
576
time (us)
400
350
300
250
200
150
100
50
0

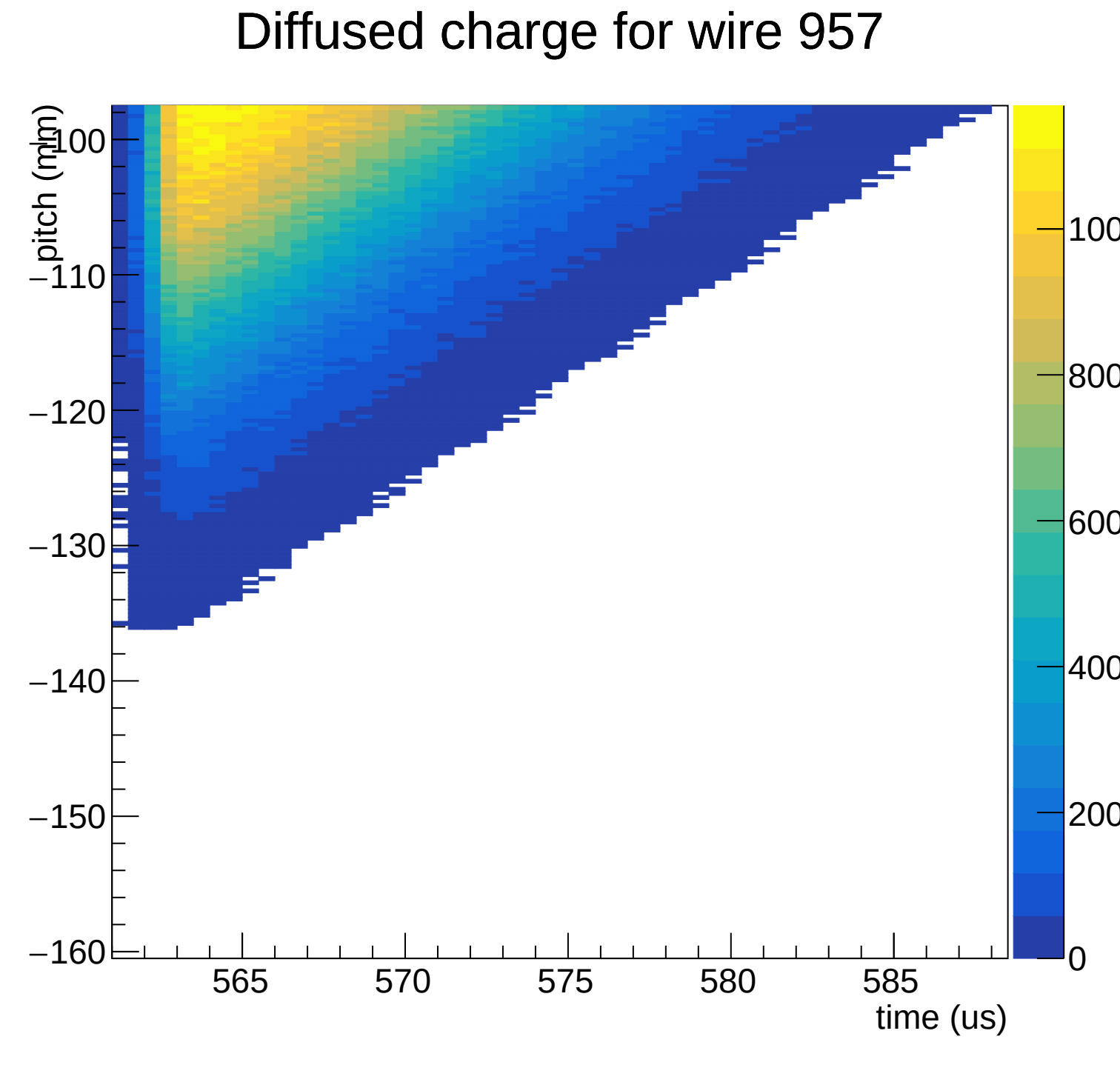

Diffused charge for wire 952
pitch (mm)
−120
−130
−140
−150
−160
−170
562
564
566
568
570
572
574
576
578
time (us)
600
500
400
300
200
100
0

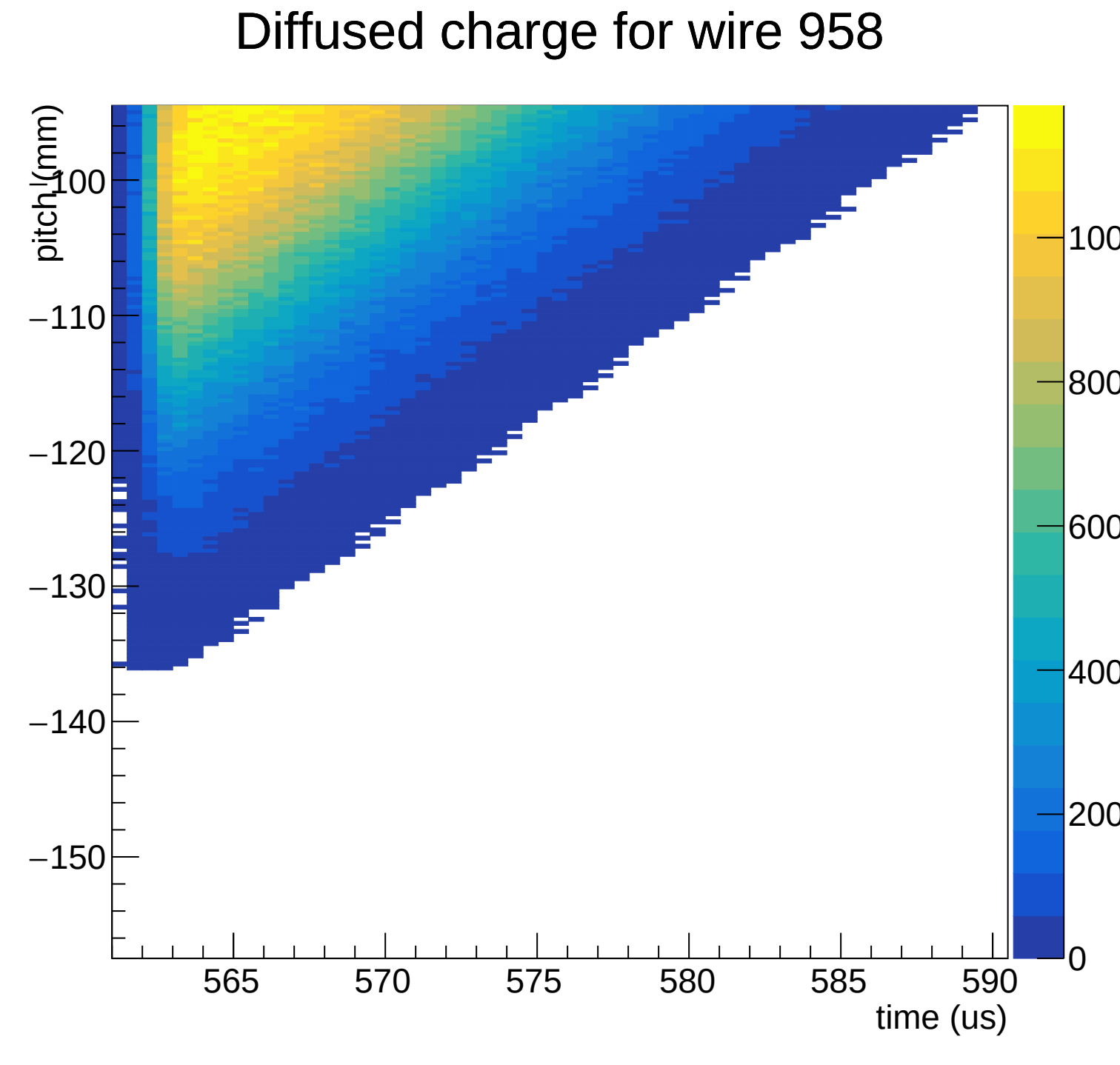

Diffused charge for wire 953
pitch (mm)
−110
−120
−130
−140
−150
−160
−170
562
564
566
568
570
572
574
576
578
580
time (us)
700
600
500
400
300
200
100
0

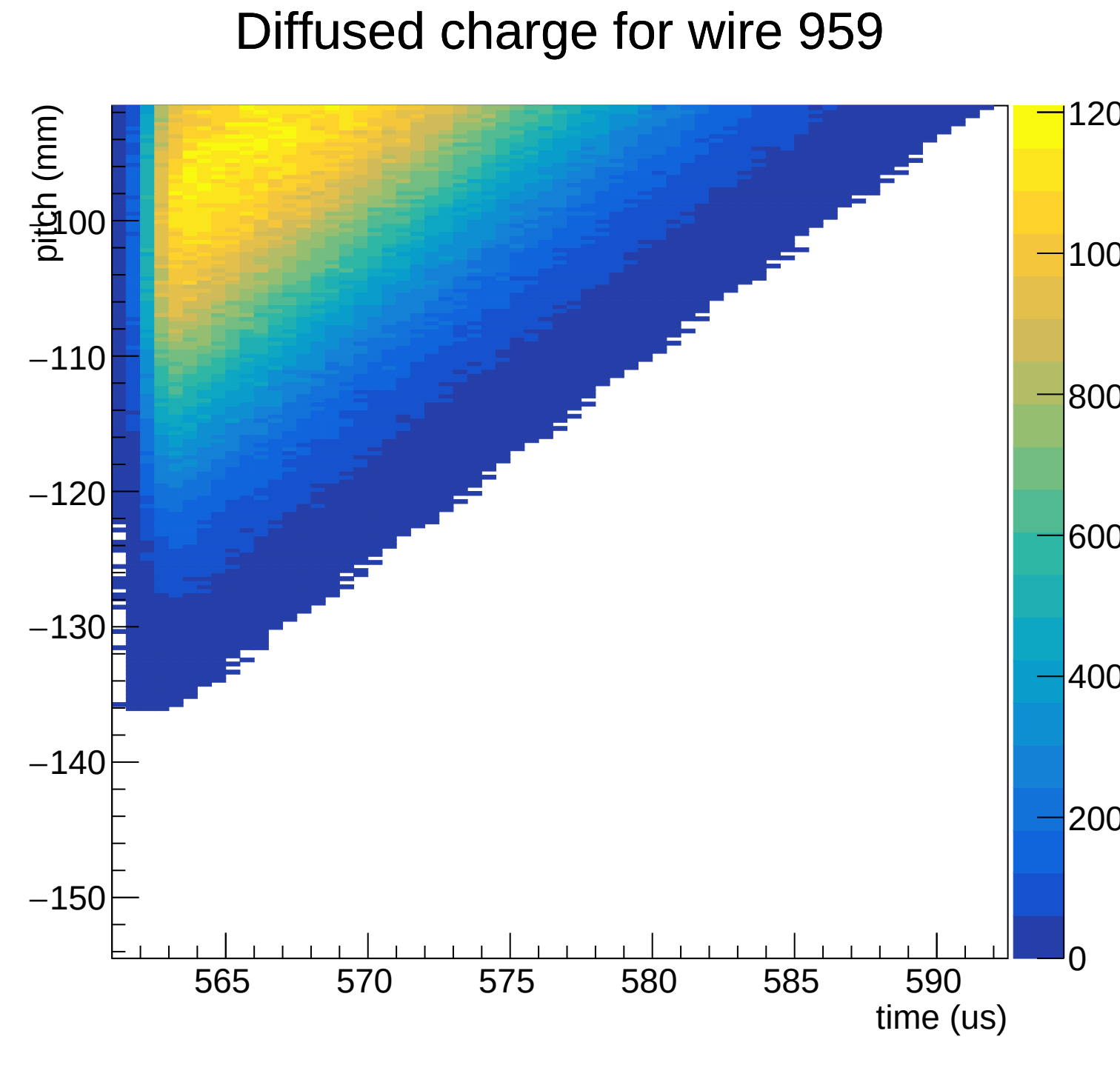

Diffused charge for wire 954
pitch (cm)
−110
−120
−130
−140
−150
−160
562
564
566
568
570
572
574
576
578
580
582
time (us)
900
800
700
600
500
400
300
200
100
0

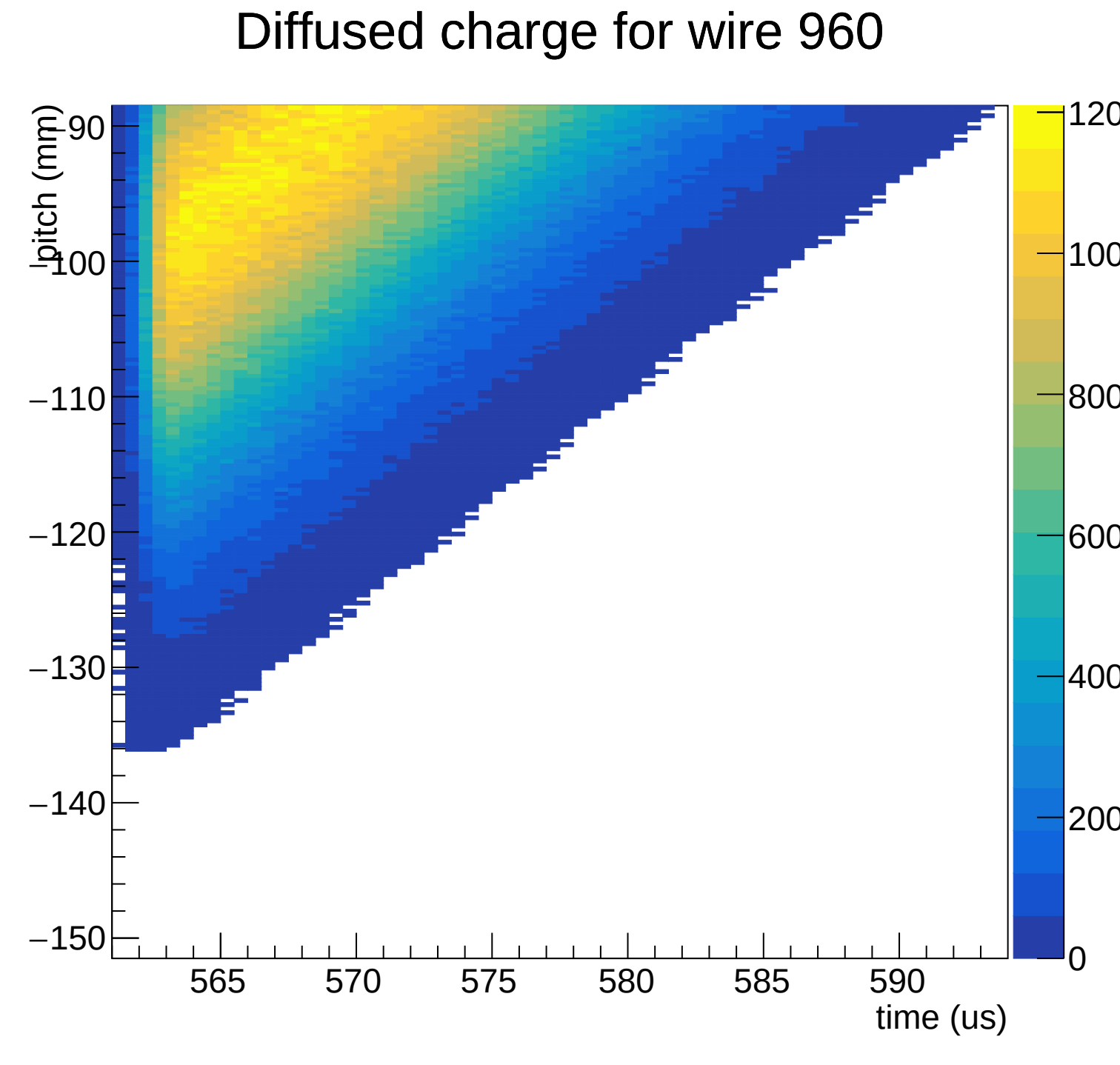

Diffused charge for wire 955
pitch (mm)
−110
−120
−130
−140
−150
−160
565
570
575
580
585
time (us)
1000
800
600
400
200
0

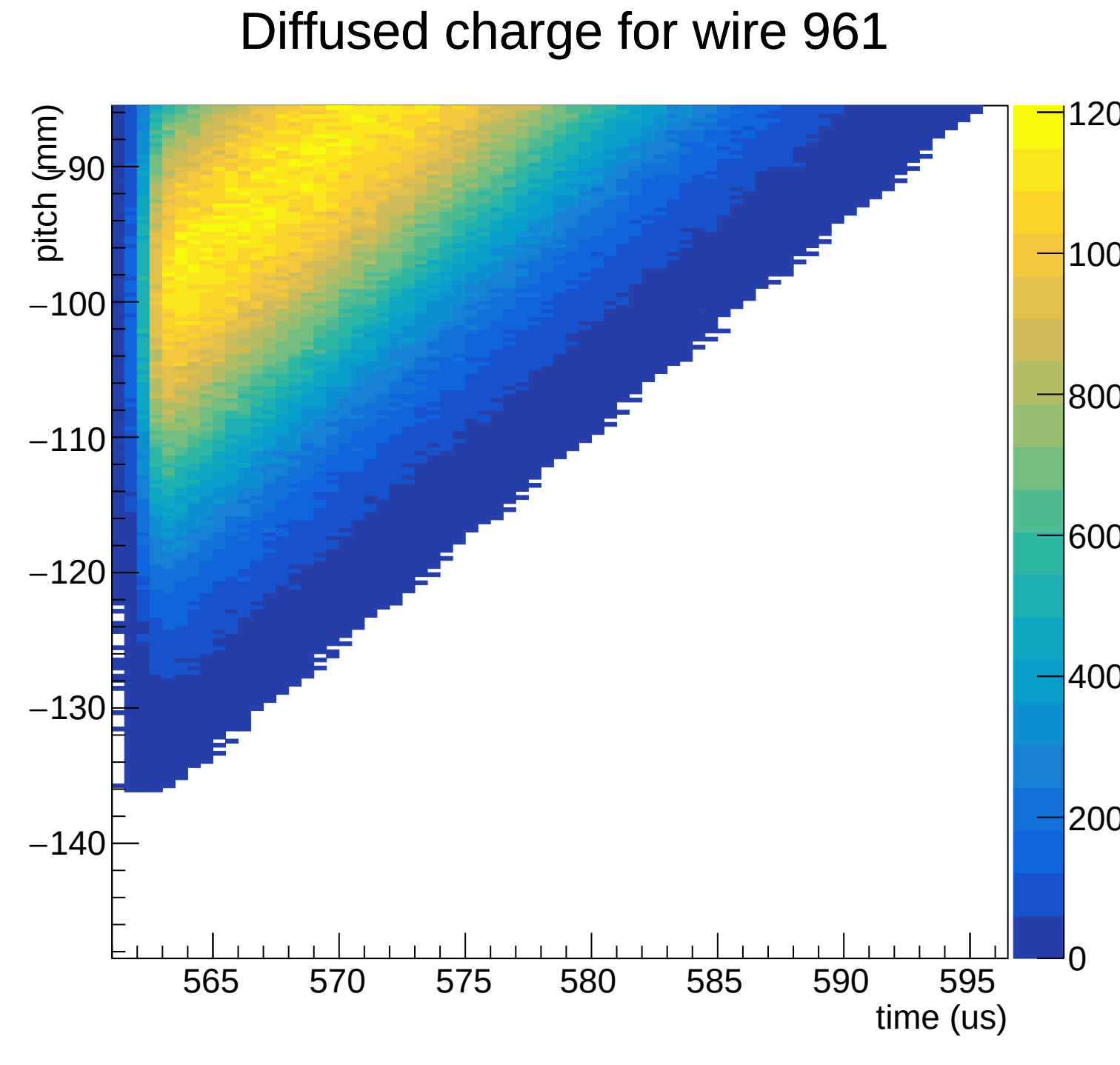

Diffused charge for wire 956
pitch (mm)
−110
−120
−130
−140
−150
−160
565
570
575
580
585
time (us)
1000
800
600
400
200
0

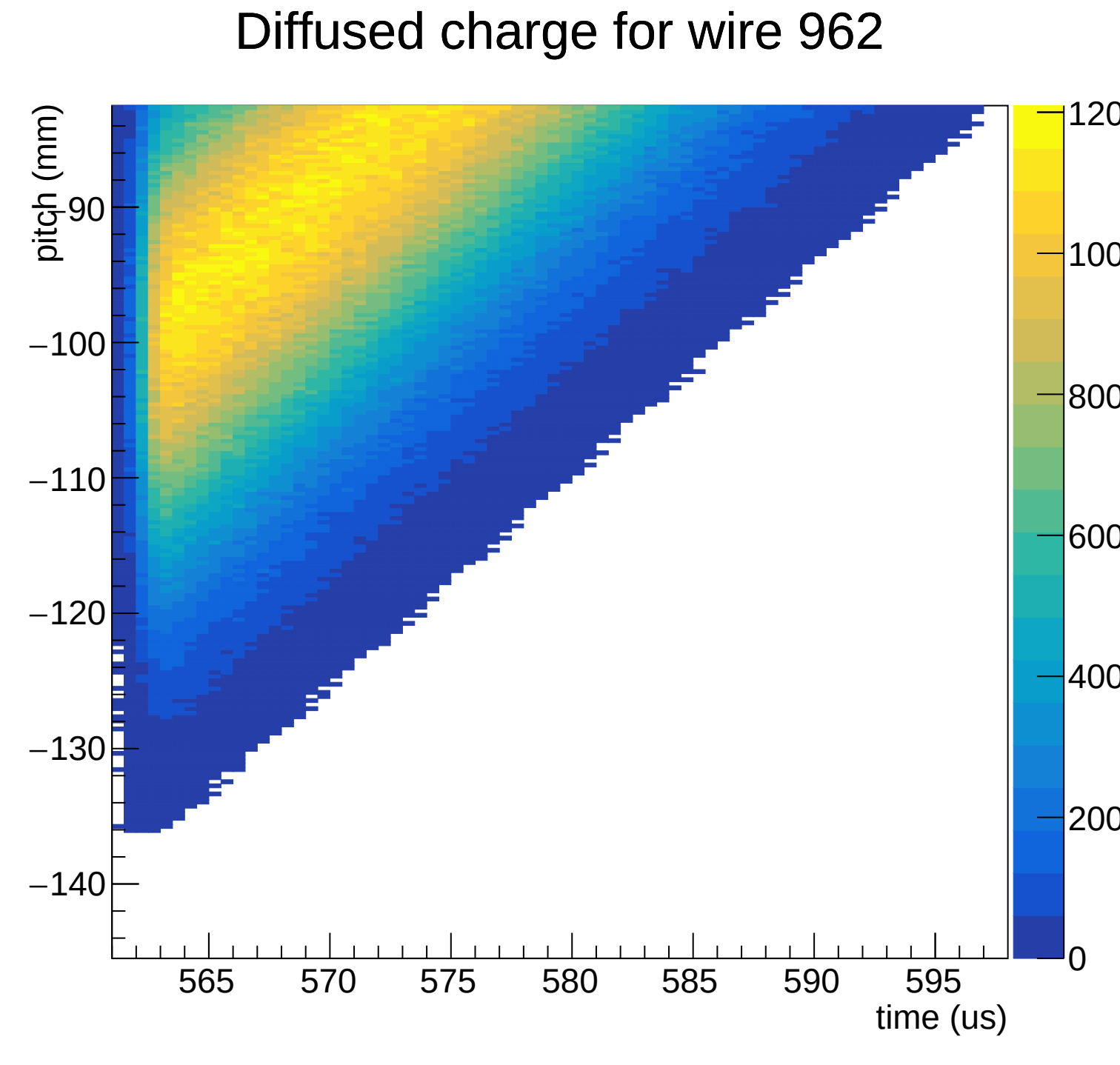

Diffused charge for wire 957
pitch (mm)
−100
−110
−120
−130
−140
−150
−160
565
570
575
580
585
time (us)
1000
800
600
400
200
0

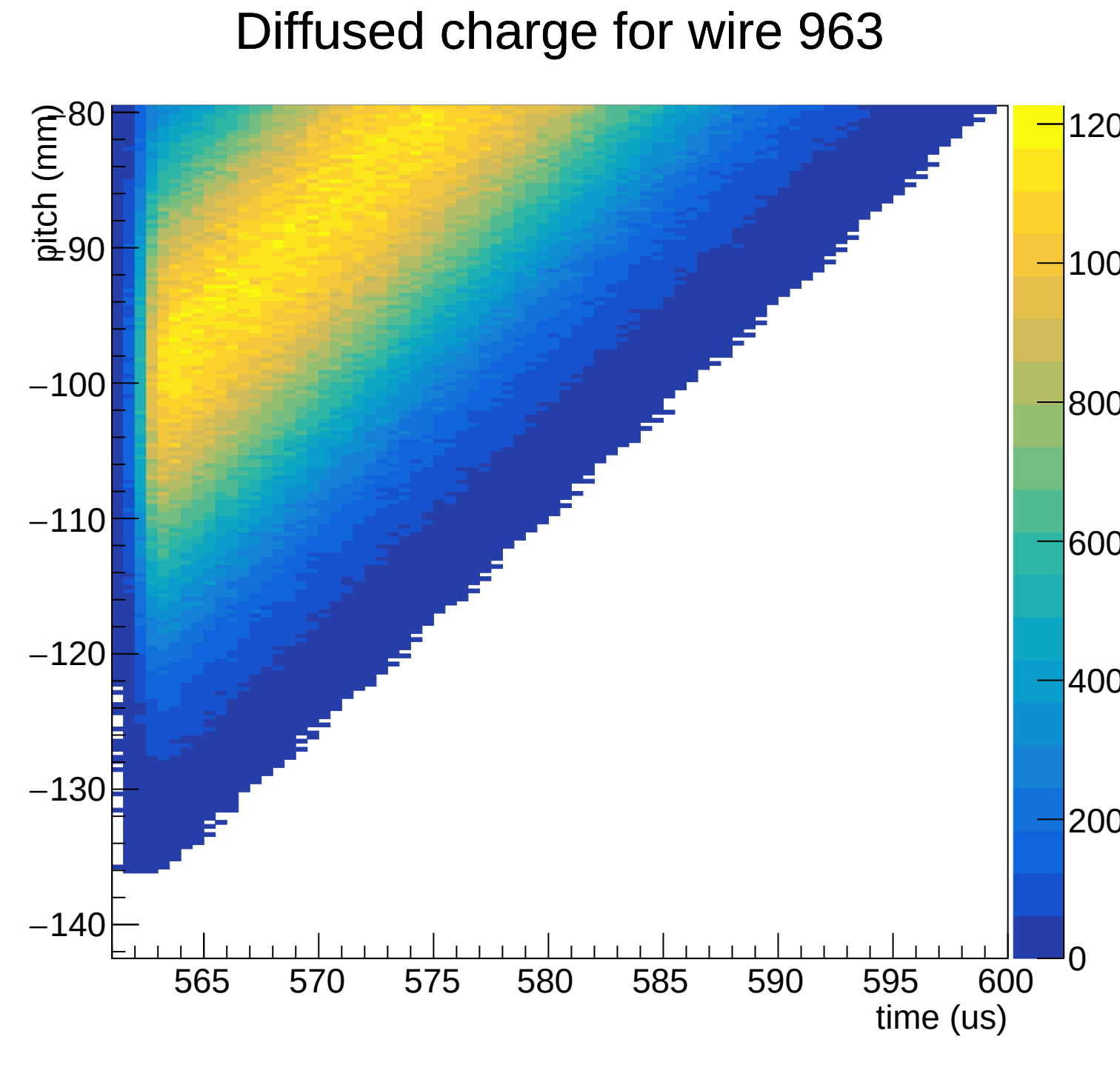

Diffused charge for wire 958
pitch (mm)
−100
−110
−120
−130
−140
−150
565
570
575
580
585
590
time (us)
1000
800
600
400
200
0

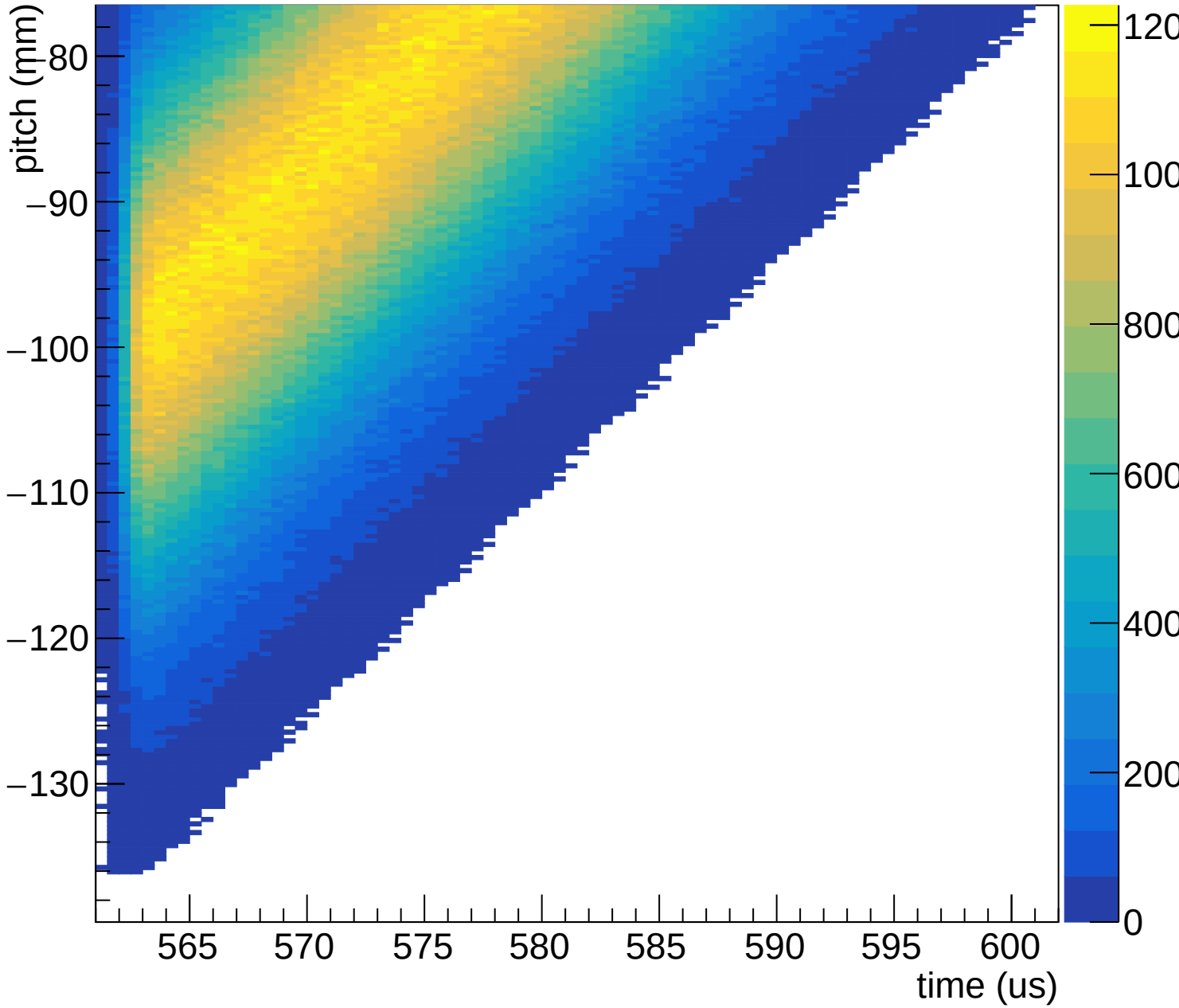

Diffused charge for wire 959
pitch (mm)
−100
−110
−120
−130
−140
−150
565
570
575
580
585
590
time (us)
1200
1000
800
600
400
200
0

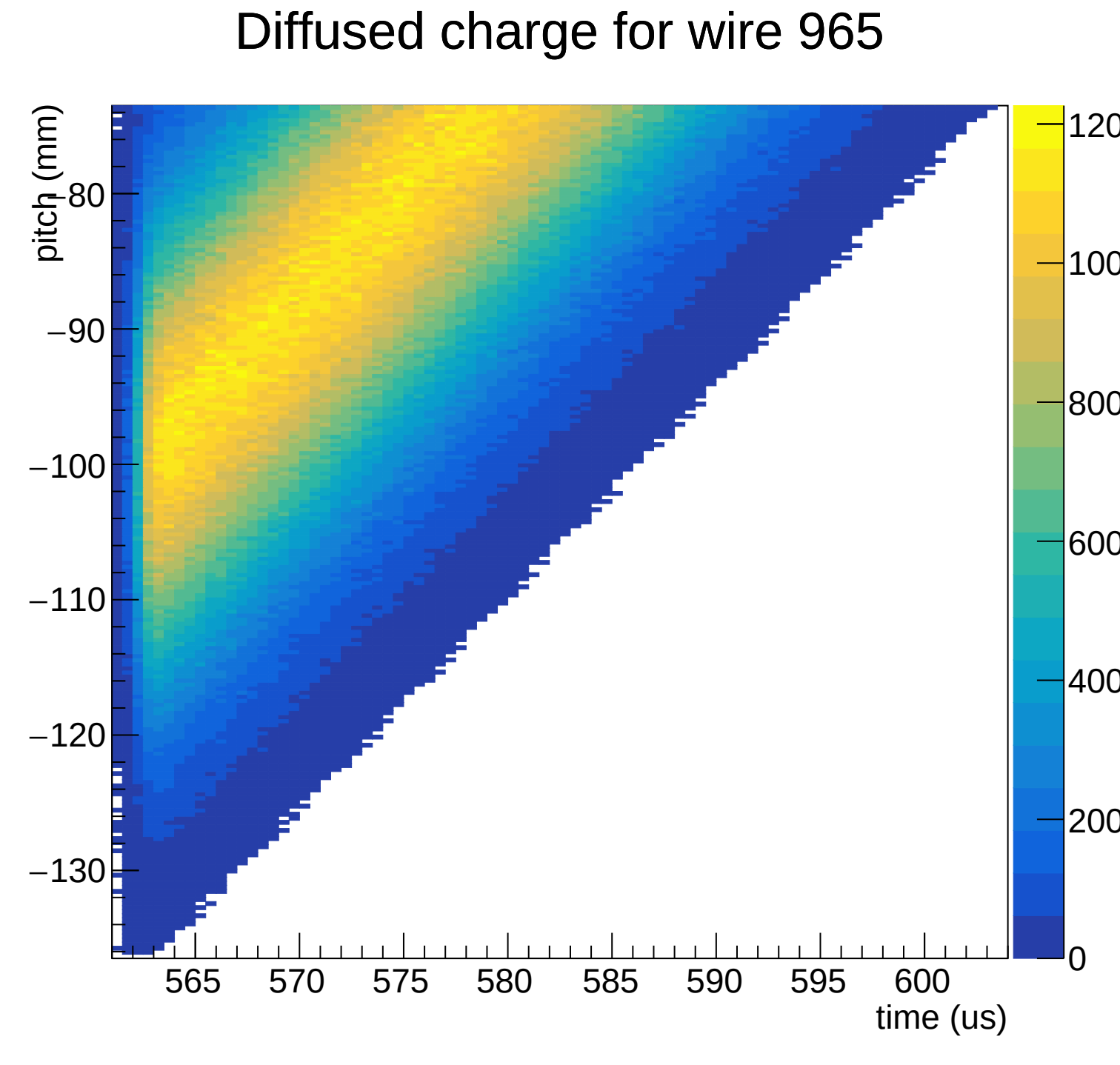

Diffused charge for wire 960
pitch (mm)
−90
−100
−110
−120
−130
−140
−150
565
570
575
580
585
590
time (us)
120
100
800
600
400
200
0

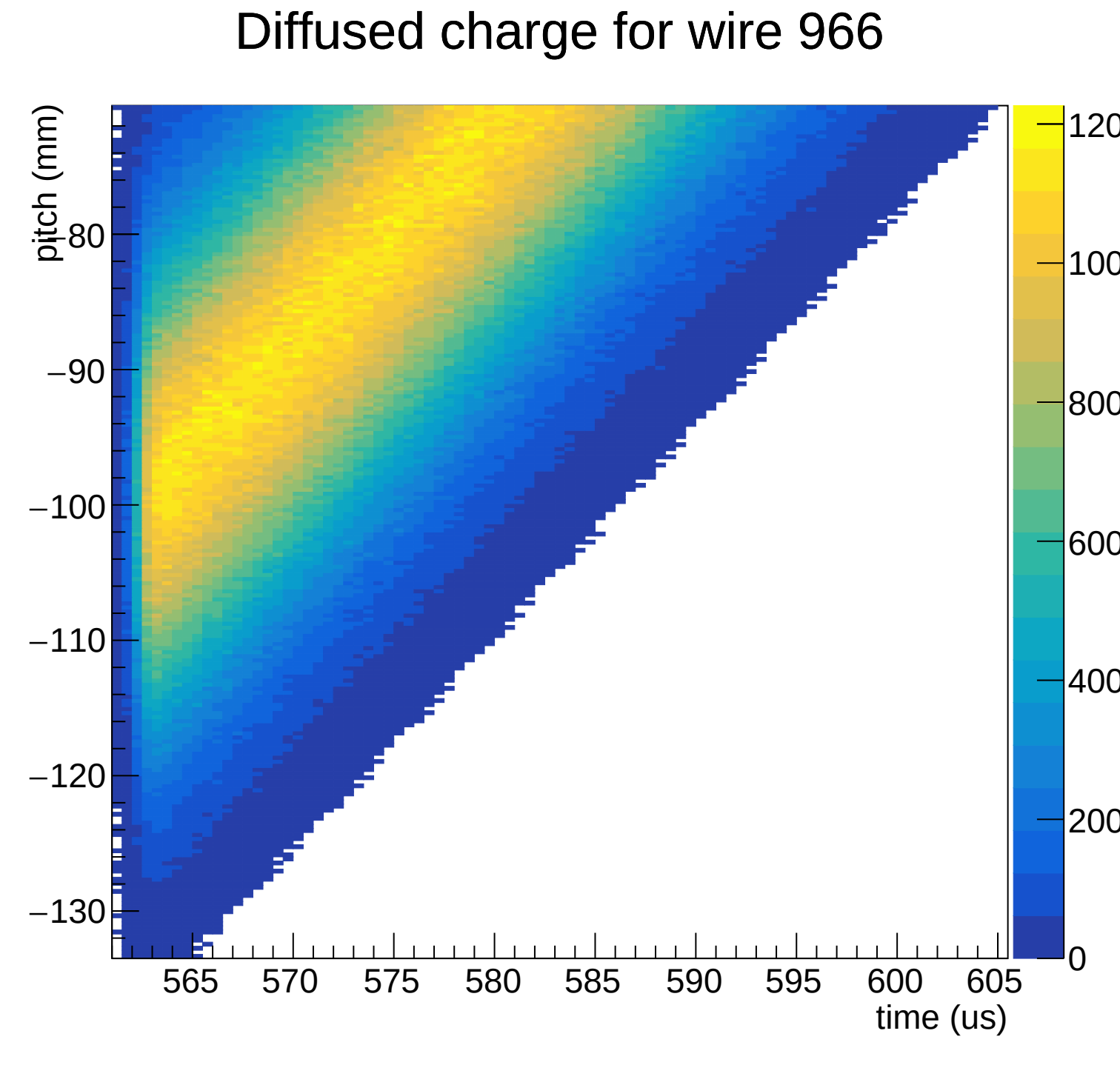

Diffused charge for wire 961
pitch (mm)
−90
−100
−110
−120
−130
−140
565
570
575
580
585
590
595
time (us)
120
100
800
600
400
200
0

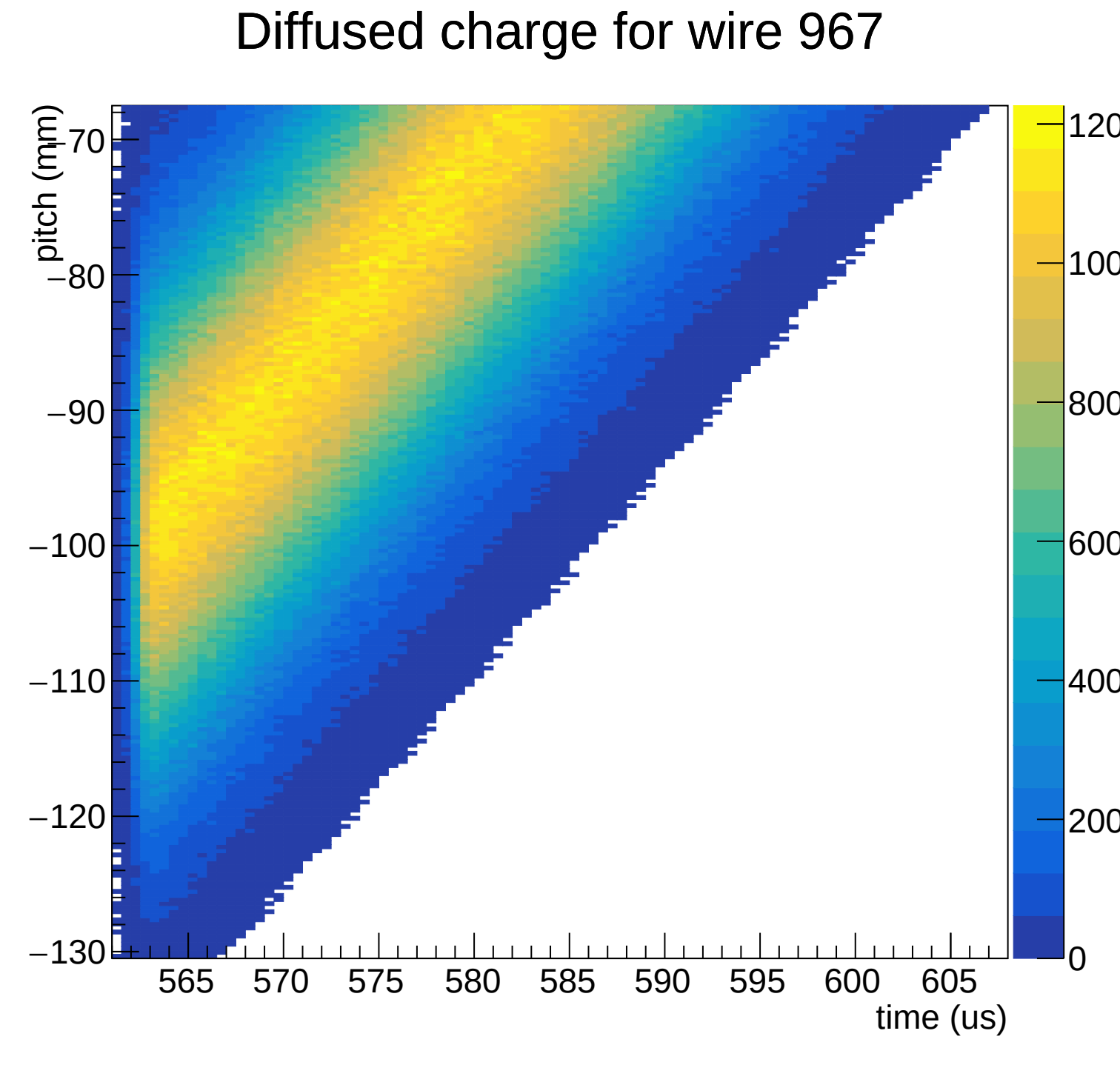

Diffused charge for wire 962
pitch (mm)
−90
−100
−110
−120
−130
−140
565
570
575
580
585
590
595
time (us)
120
100
800
600
400
200
0

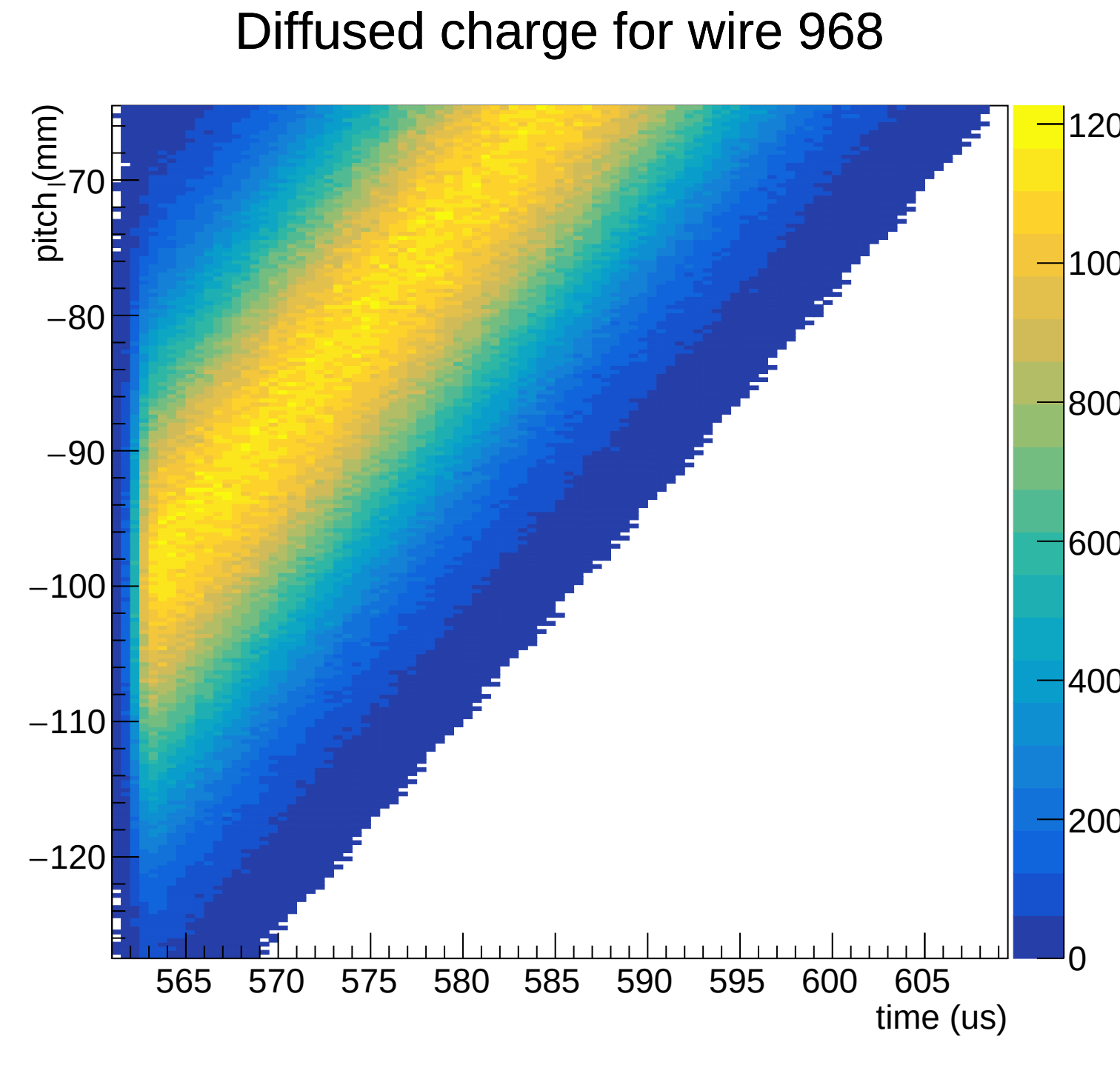

Diffused charge for wire 963
pitch (mm)
80
90
−100
−110
−120
−130
−140
565
570
575
580
585
590
595
600
time (us)
120
100
800
600
400
200
0

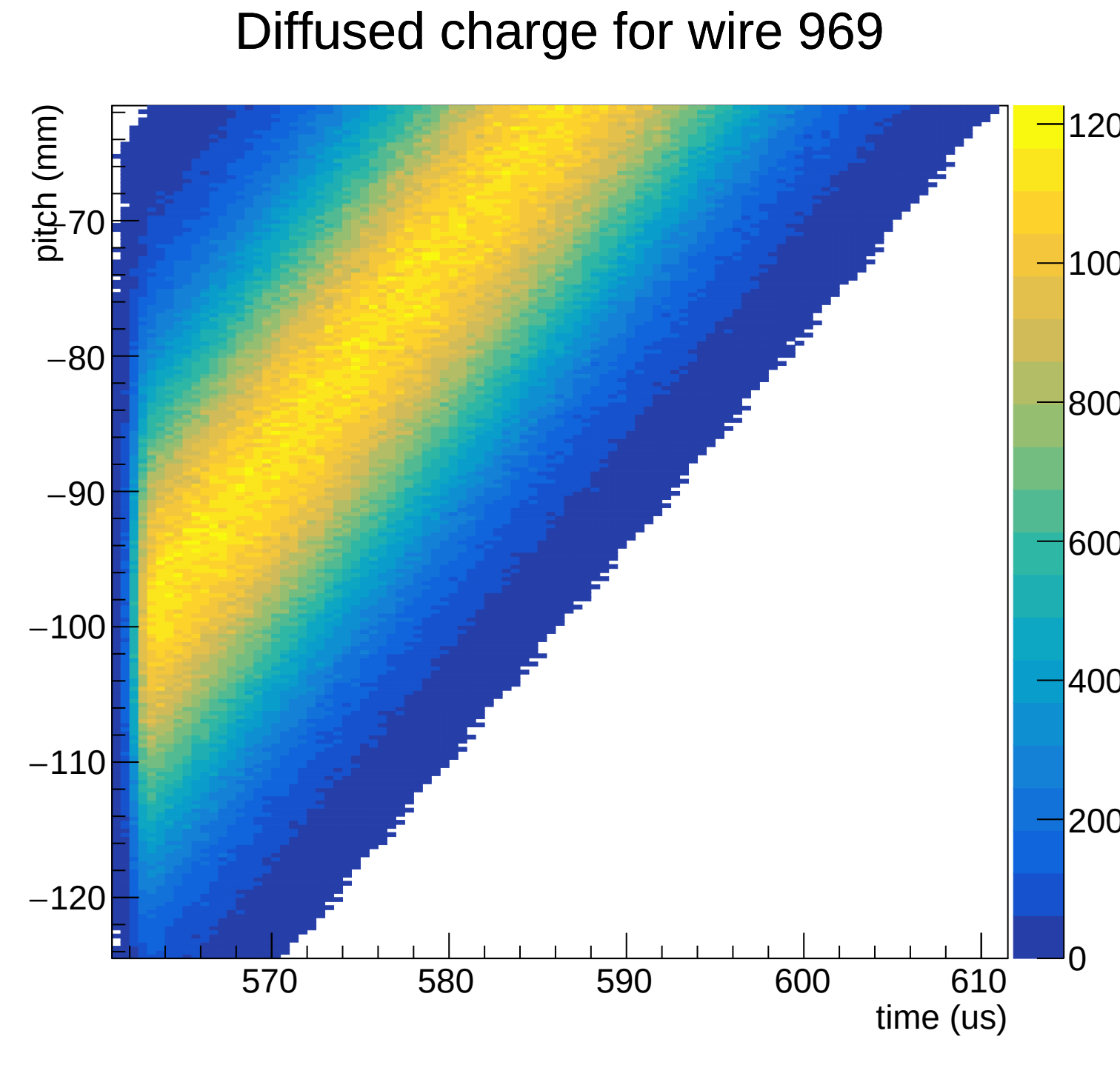

Diffused charge for wire 964
pitch (mm)
−80
−90
−100
−110
−120
−130
565
570
575
580
585
590
595
600
time (us)
120
100
800
600
400
200
0

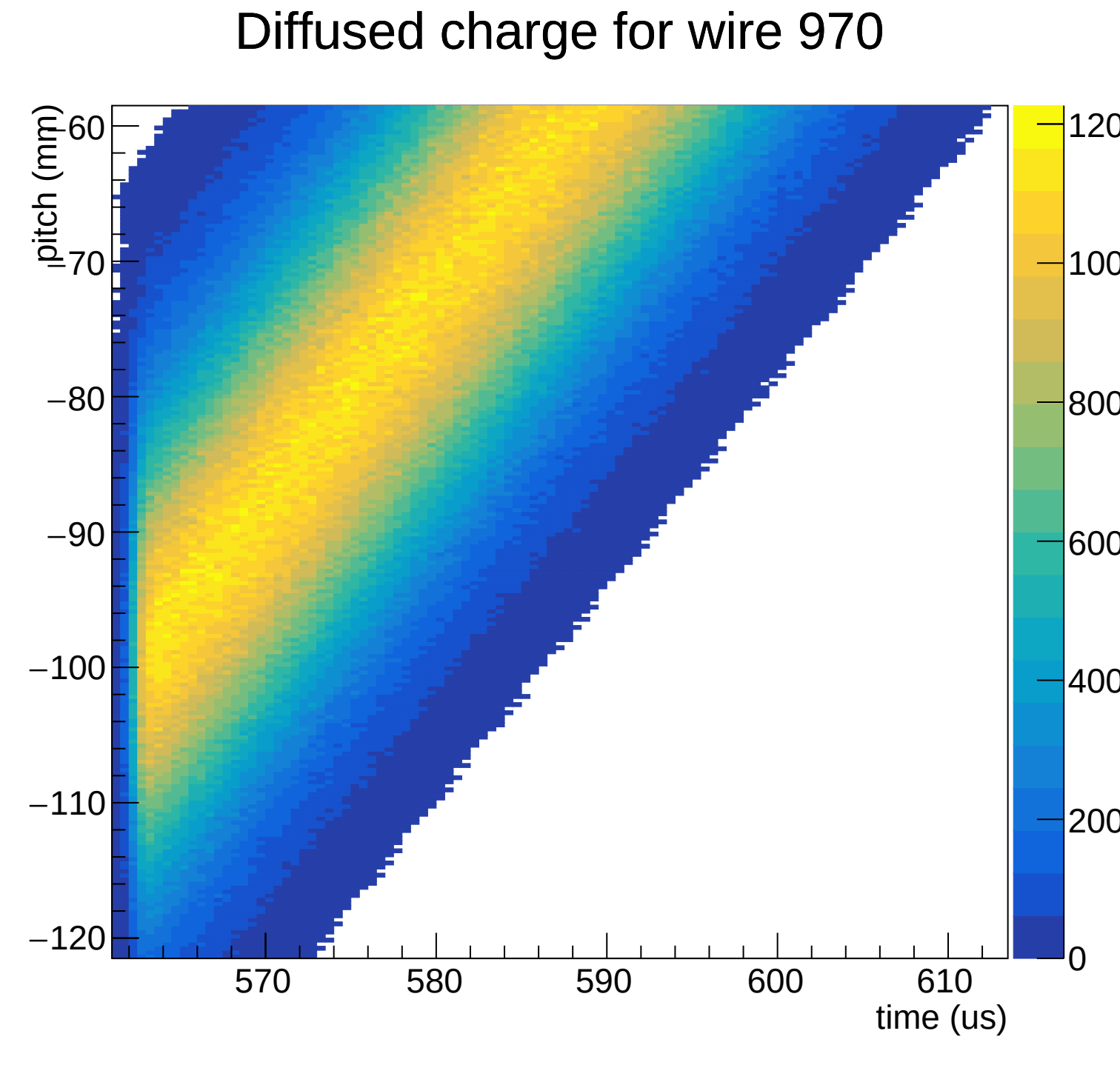

Diffused charge for wire 965
pitch (mm)
−80
−90
−100
−110
−120
−130
565
570
575
580
585
590
595
600
time (us)
120
100
800
600
400
200
0

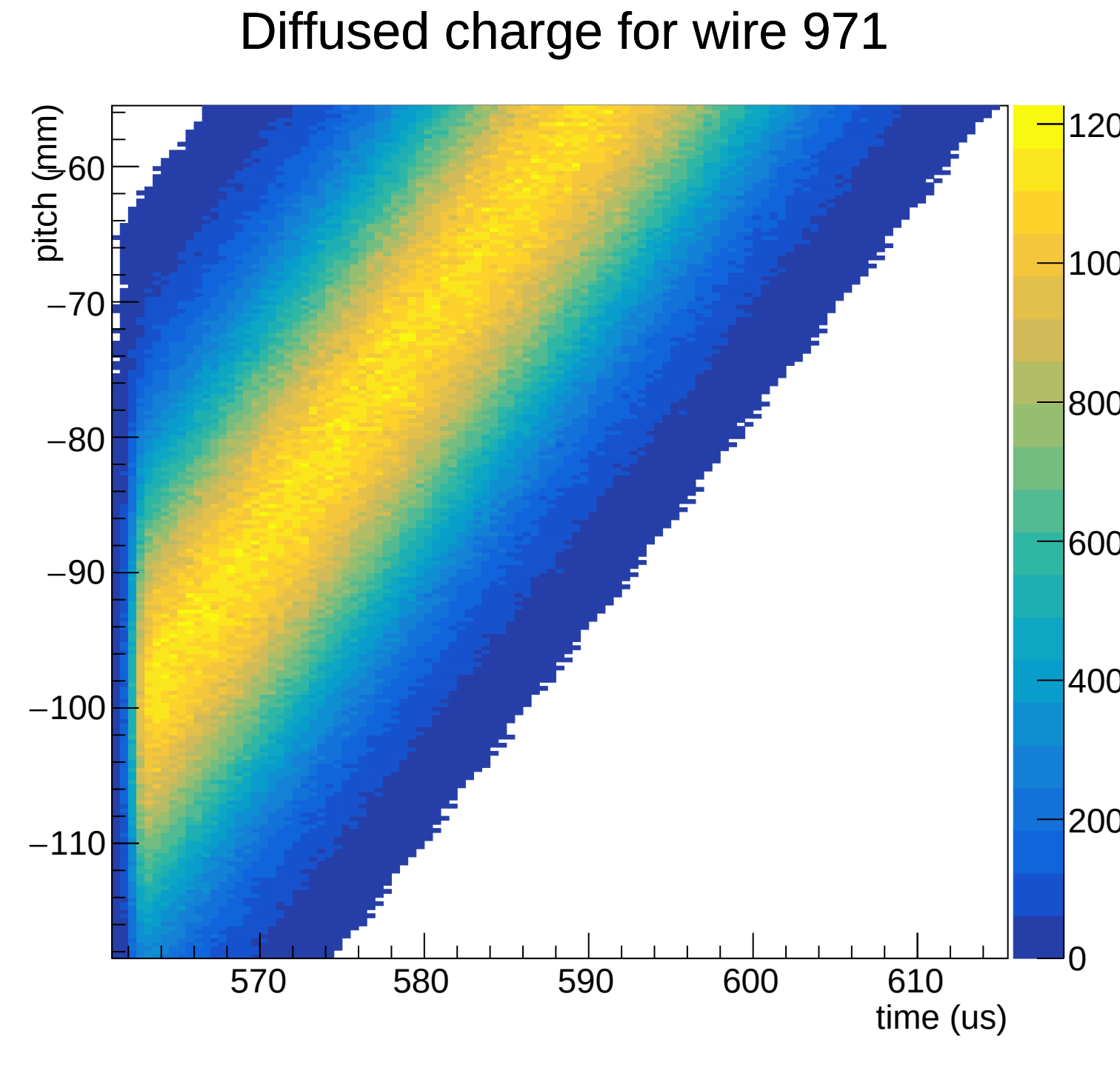

Diffused charge for wire 966
pitch (mm)
−80
−90
−100
−110
−120
−130
565
570
575
580
585
590
595
600
605
time (us)
1200
1000
800
600
400
200
0

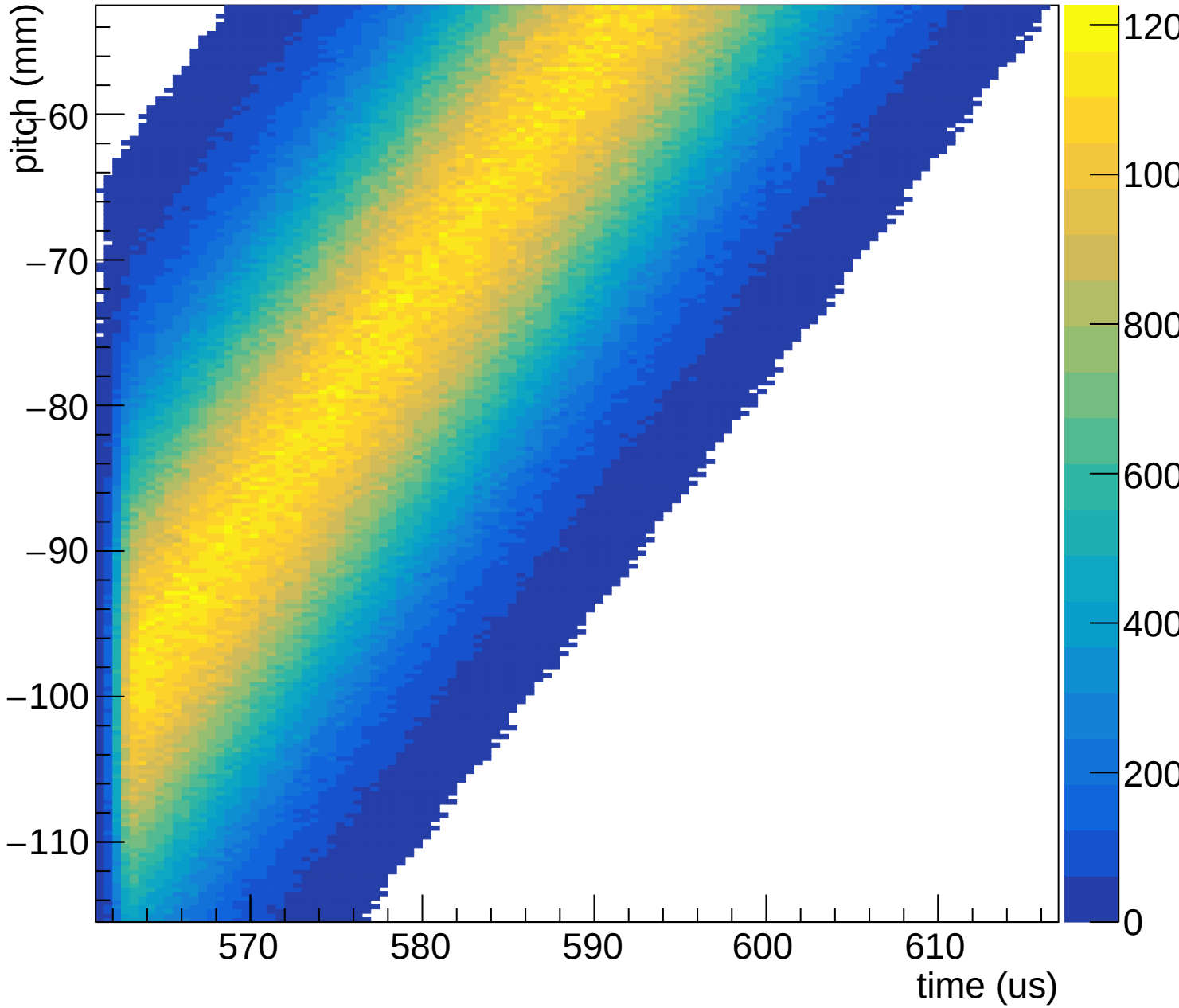

Diffused charge for wire 967
pitch (mm)
−70
−80
−90
−100
−110
−120
−130
565
570
575
580
585
590
595
600
605
time (us)
120
100
800
600
400
200
0

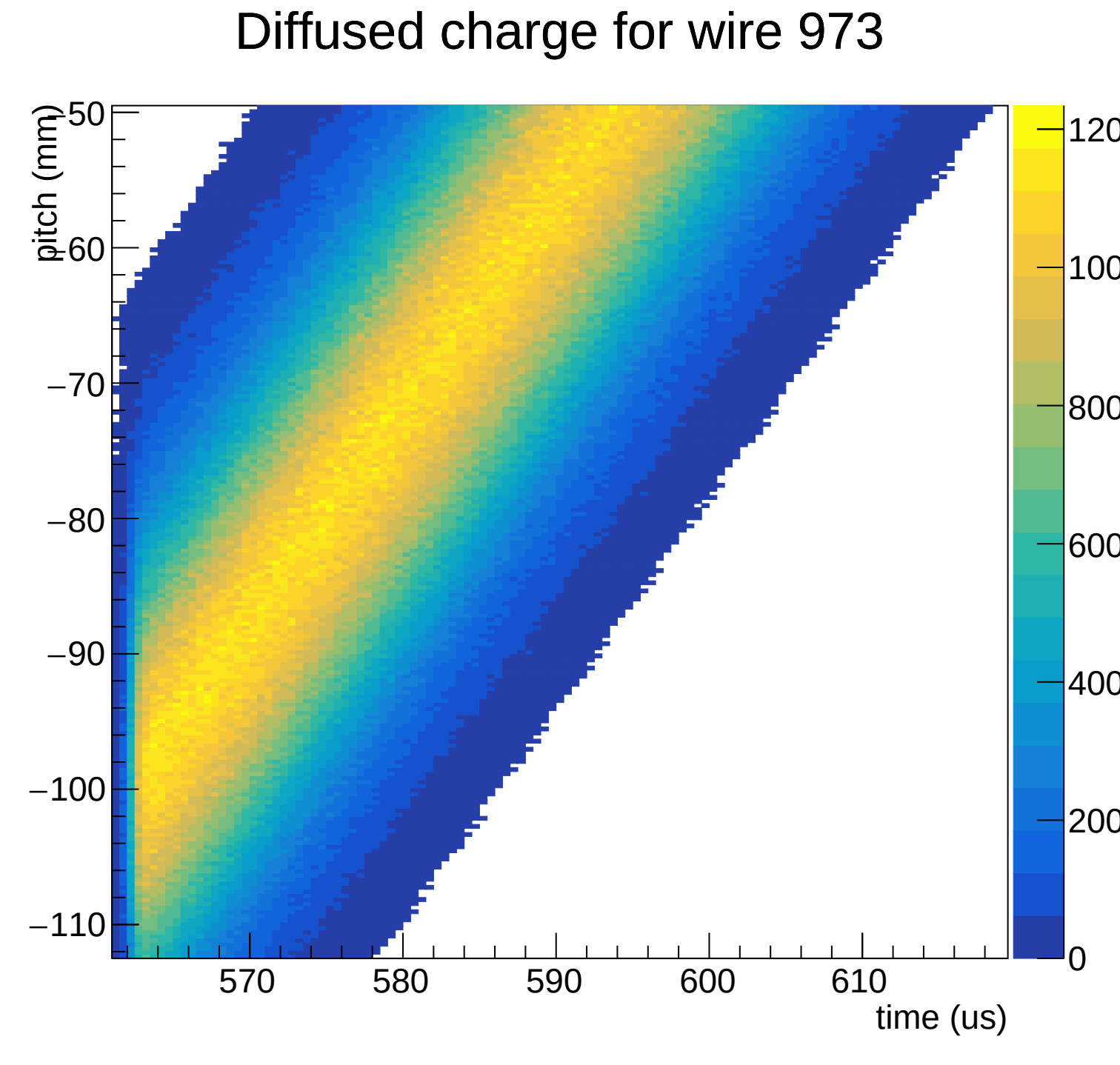

Diffused charge for wire 968
pitch_1 (mm)
−70
−80
−90
−100
−110
−120
565
570
575
580
585
590
595
600
605
time (us)
120
100
800
600
400
200
0

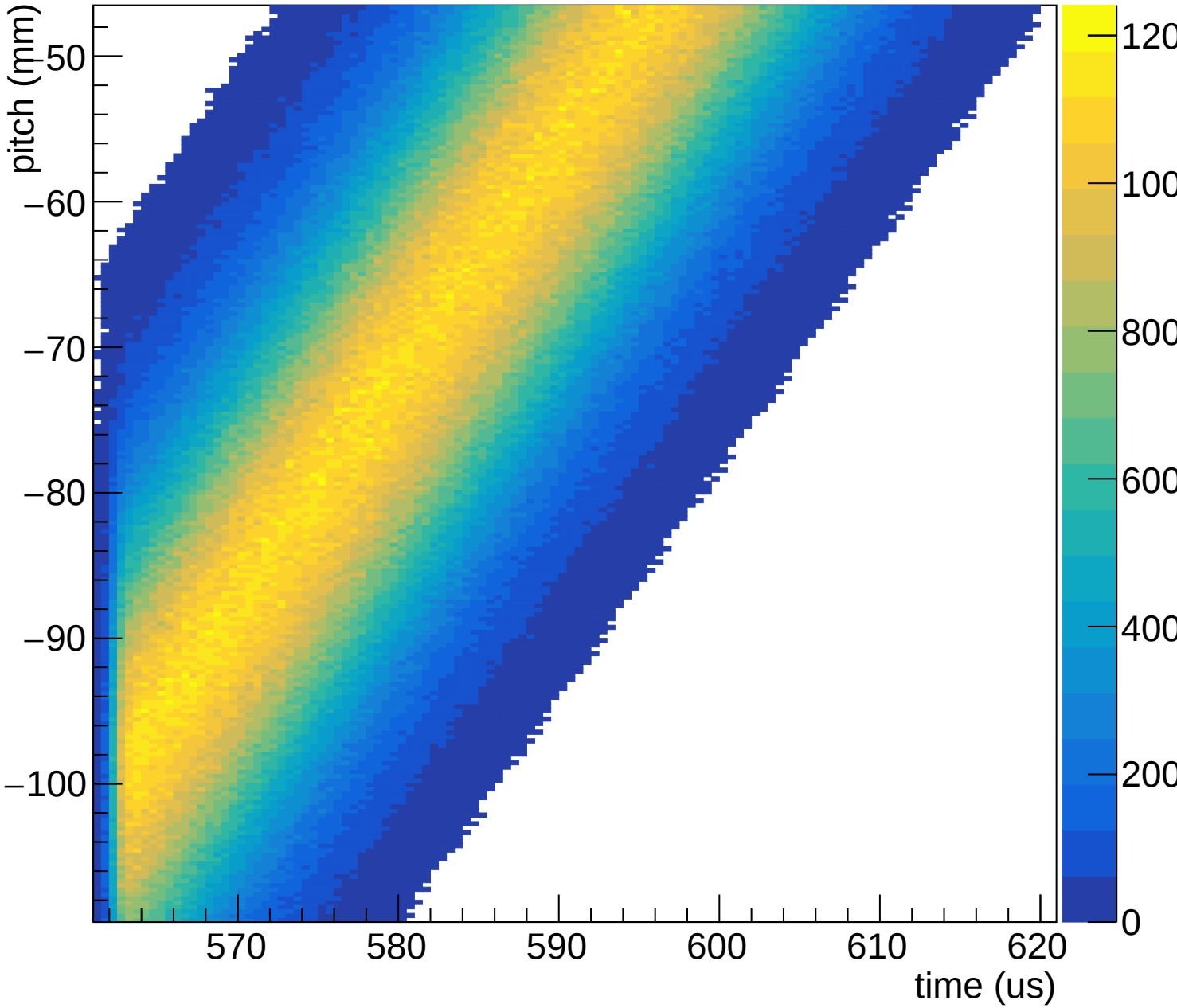

Diffused charge for wire 969
pitch (mm)
−70
−80
−90
−100
−110
−120
570
580
590
600
610
time (us)
120
100
800
600
400
200
0

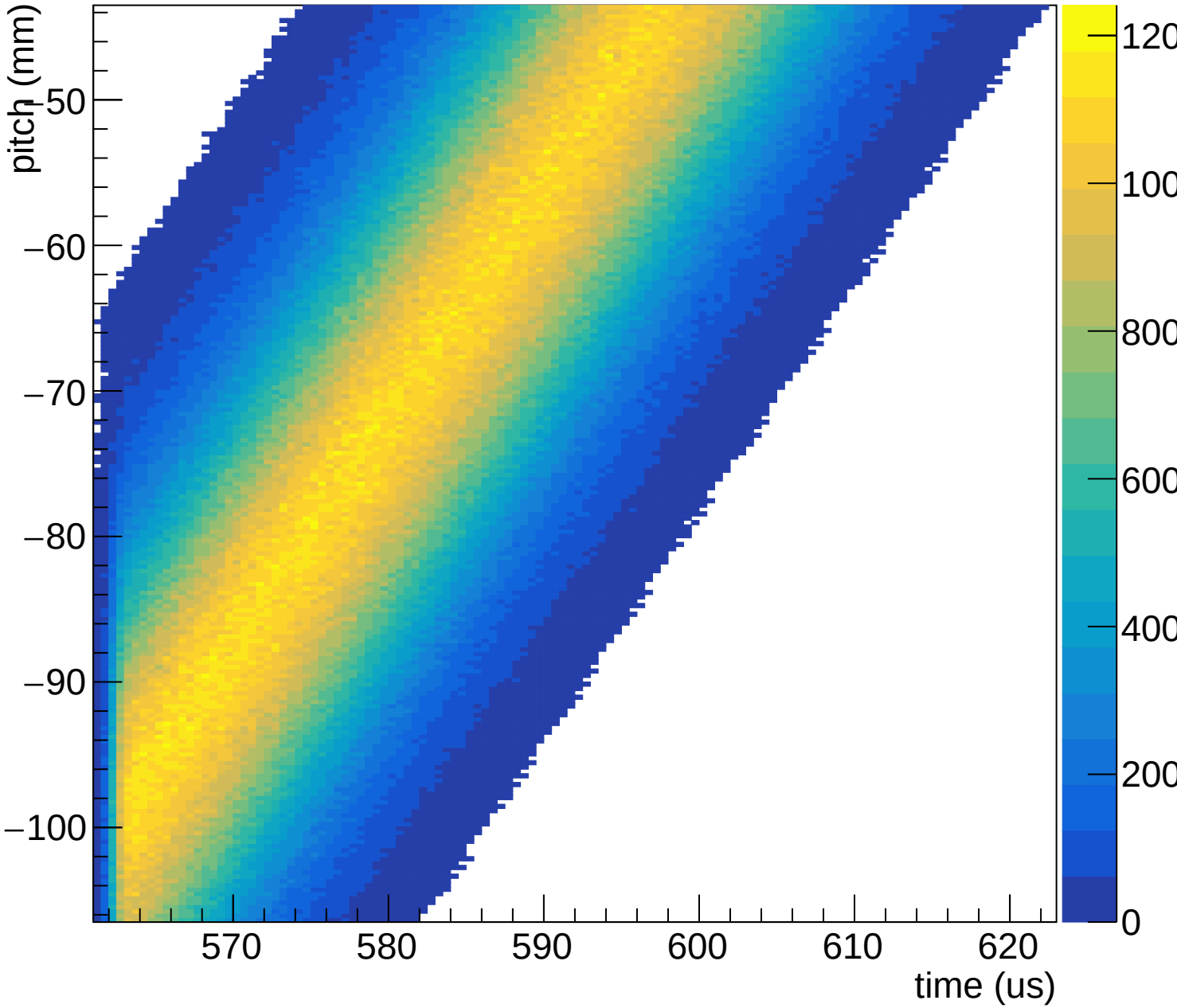

Diffused charge for wire 970
pitch (mm)
−60
−70
−80
−90
−100
−110
−120
570
580
590
600
610
time (us)
120
100
800
600
400
200
0

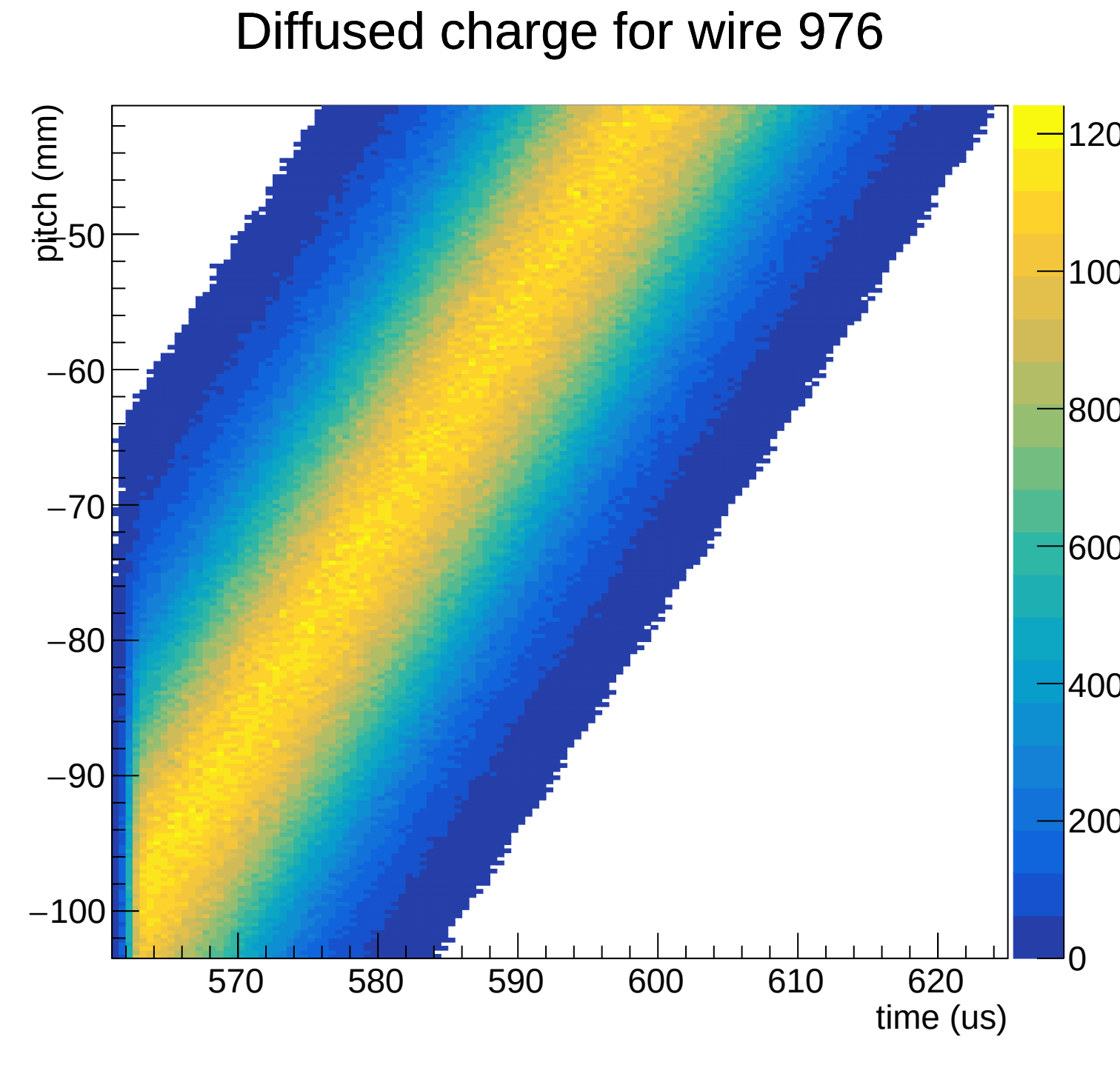

Diffused charge for wire 971
pitch (mm)
−60
−70
−80
−90
−100
−110
570
580
590
600
610
time (us)
120
100
800
600
400
200
0

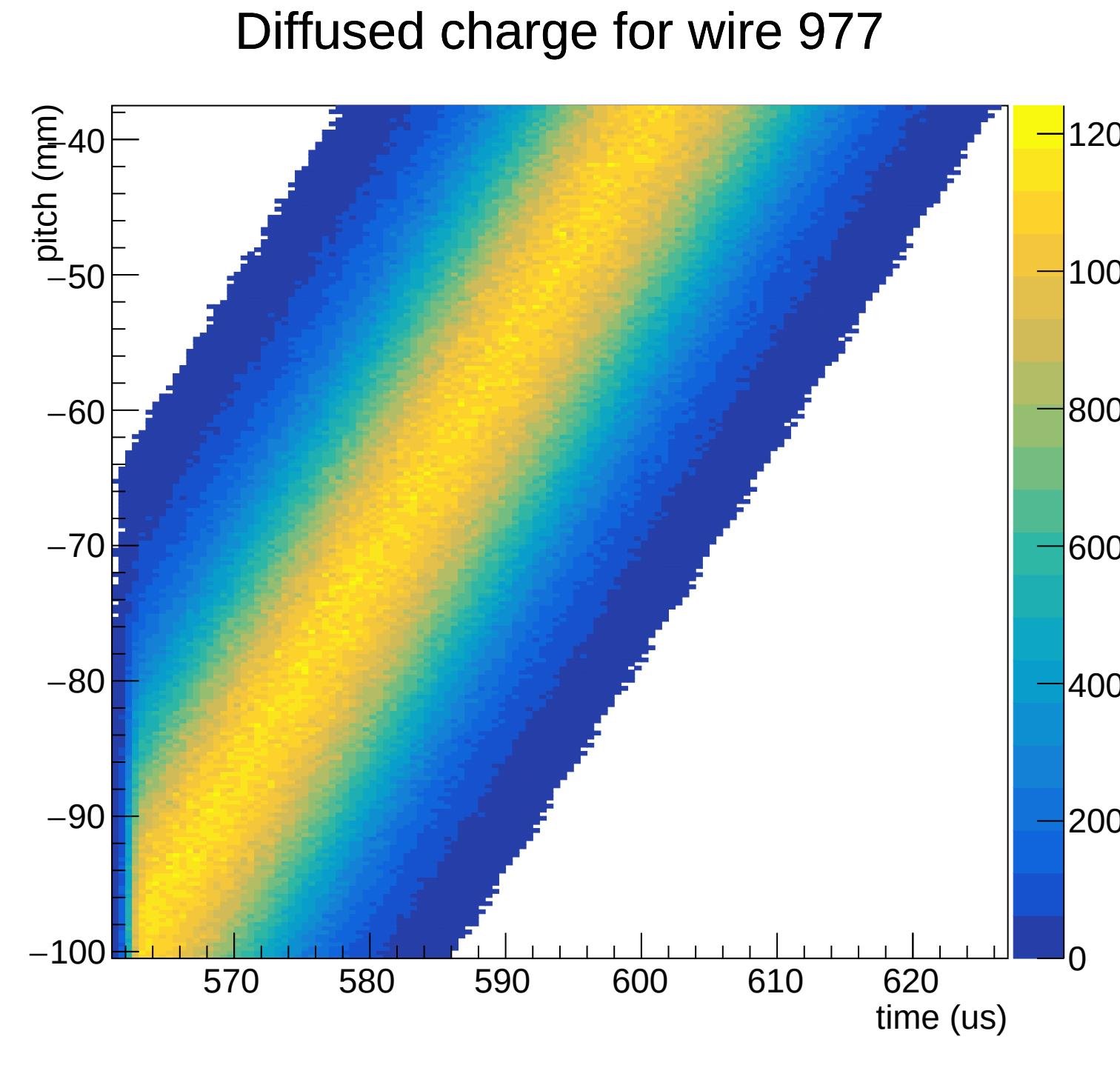

Diffused charge for wire 972
pitch (mm)
−60
−70
−80
−90
−100
−110
570
580
590
600
610
time (us)
120
100
800
600
400
200
0

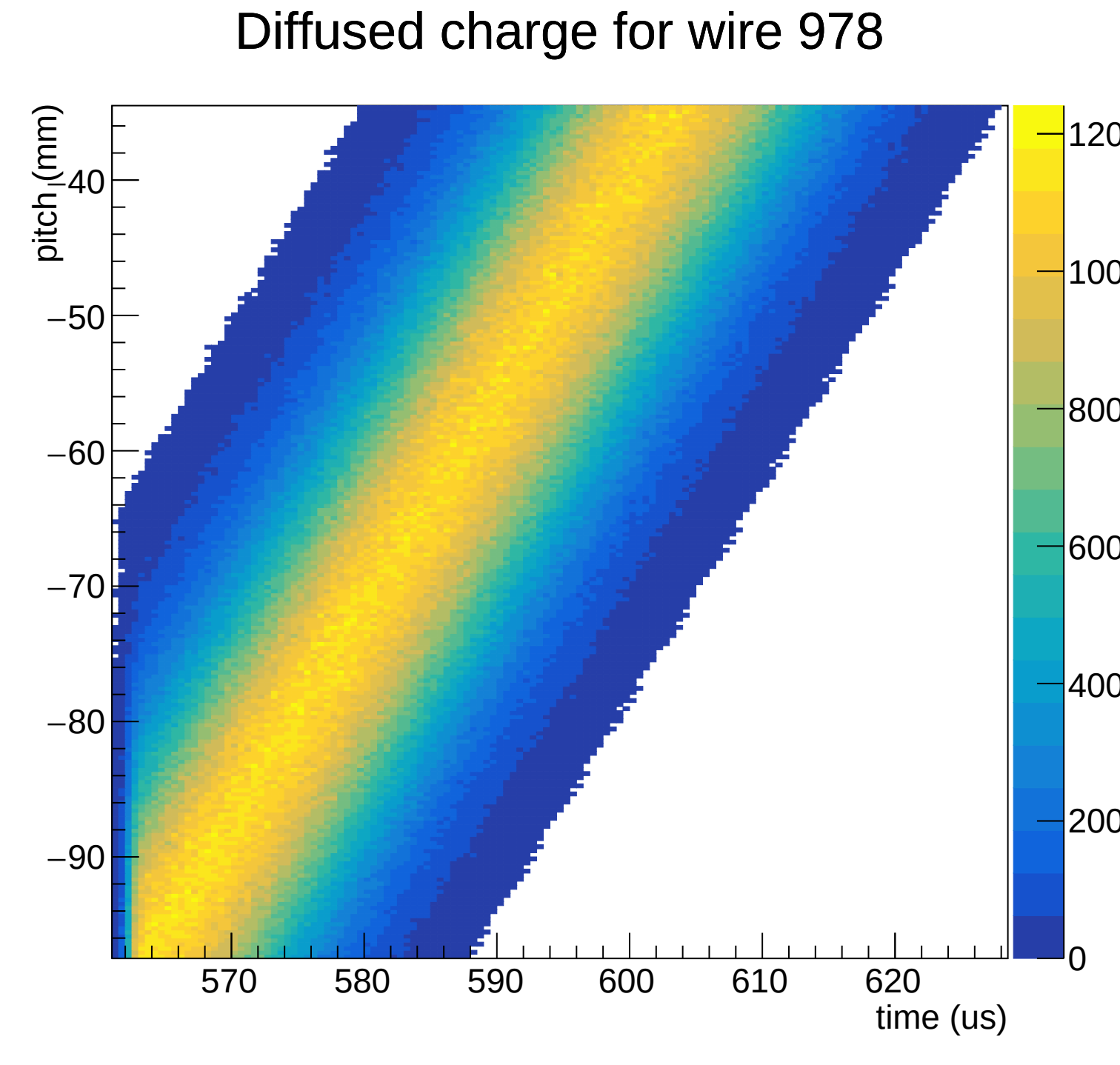

Diffused charge for wire 973
pitch (mm)
50
−60
−70
−80
−90
−100
−110
570
580
590
600
610
time (us)
120
100
800
600
400
200
0

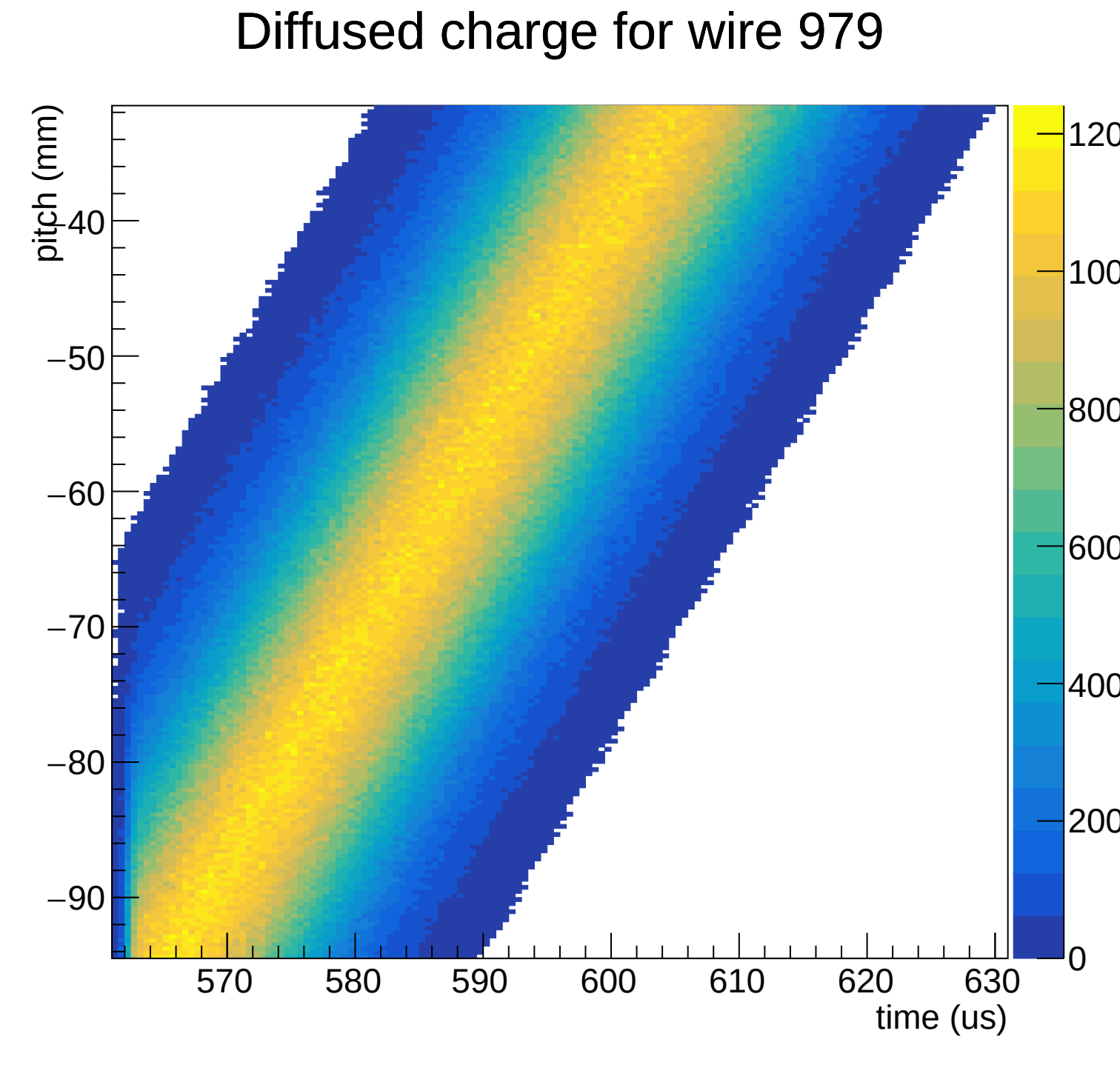

Diffused charge for wire 974
pitch (mm)
−50
−60
−70
−80
−90
−100
570
580
590
600
610
620
time (us)
120
100
800
600
400
200
0

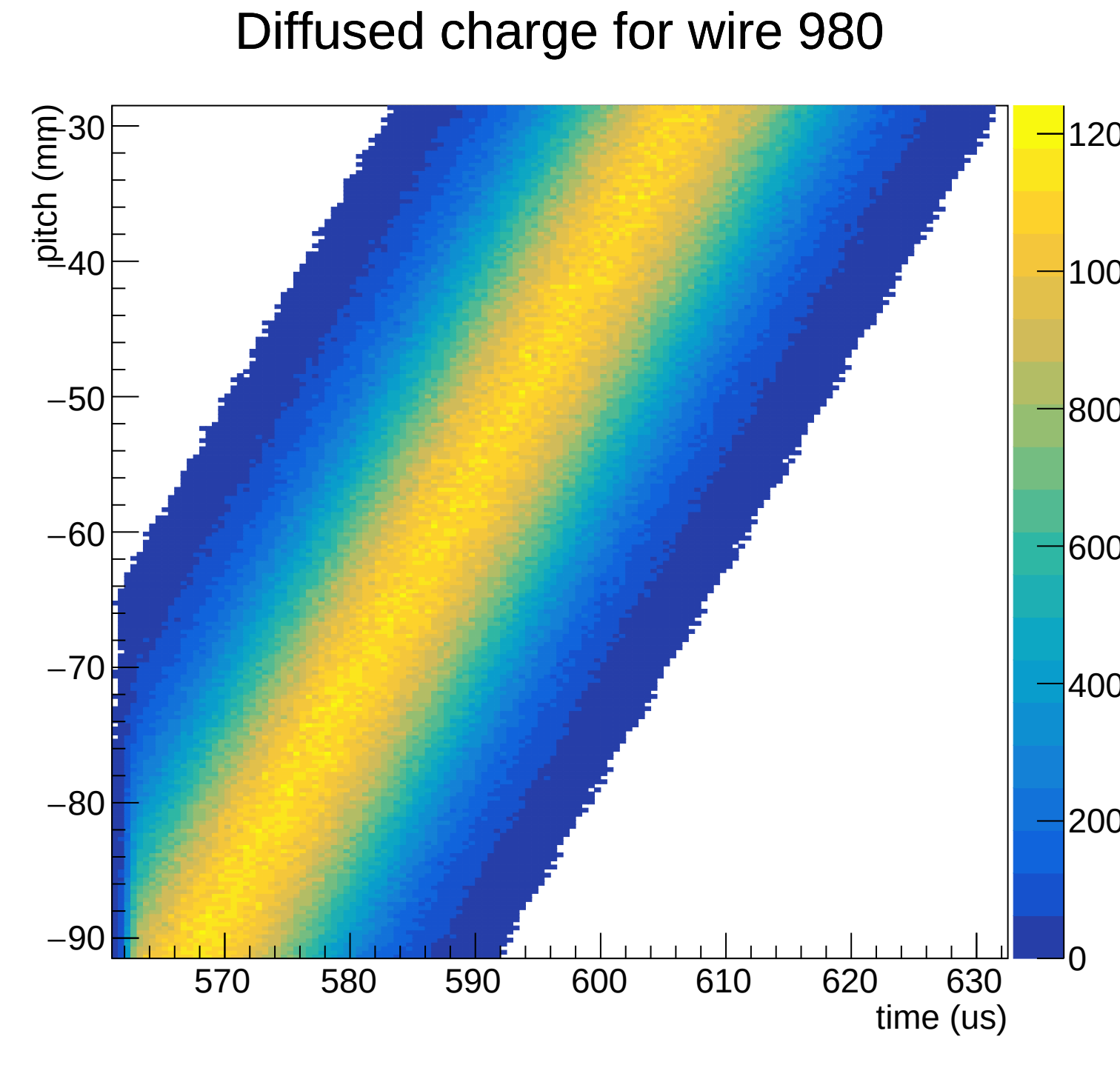

Diffused charge for wire 975
pitch (mm)
−50
−60
−70
−80
−90
−100
570
580
590
600
610
620
time (us)
120
100
800
600
400
200
0

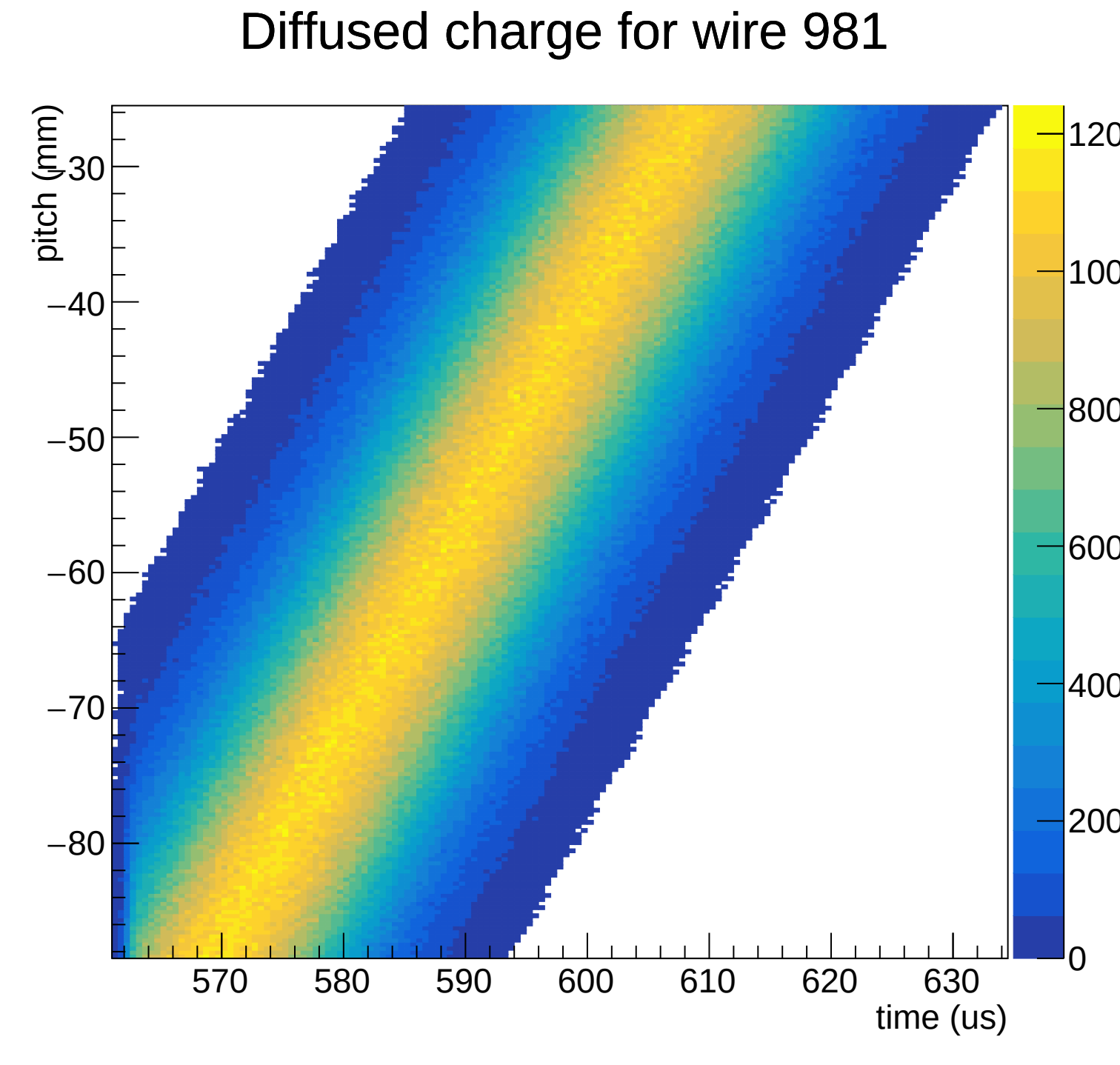

Diffused charge for wire 976
pitch (mm)
−50
−60
−70
−80
−90
−100
570
580
590
600
610
620
time (us)
120
100
800
600
400
200
0

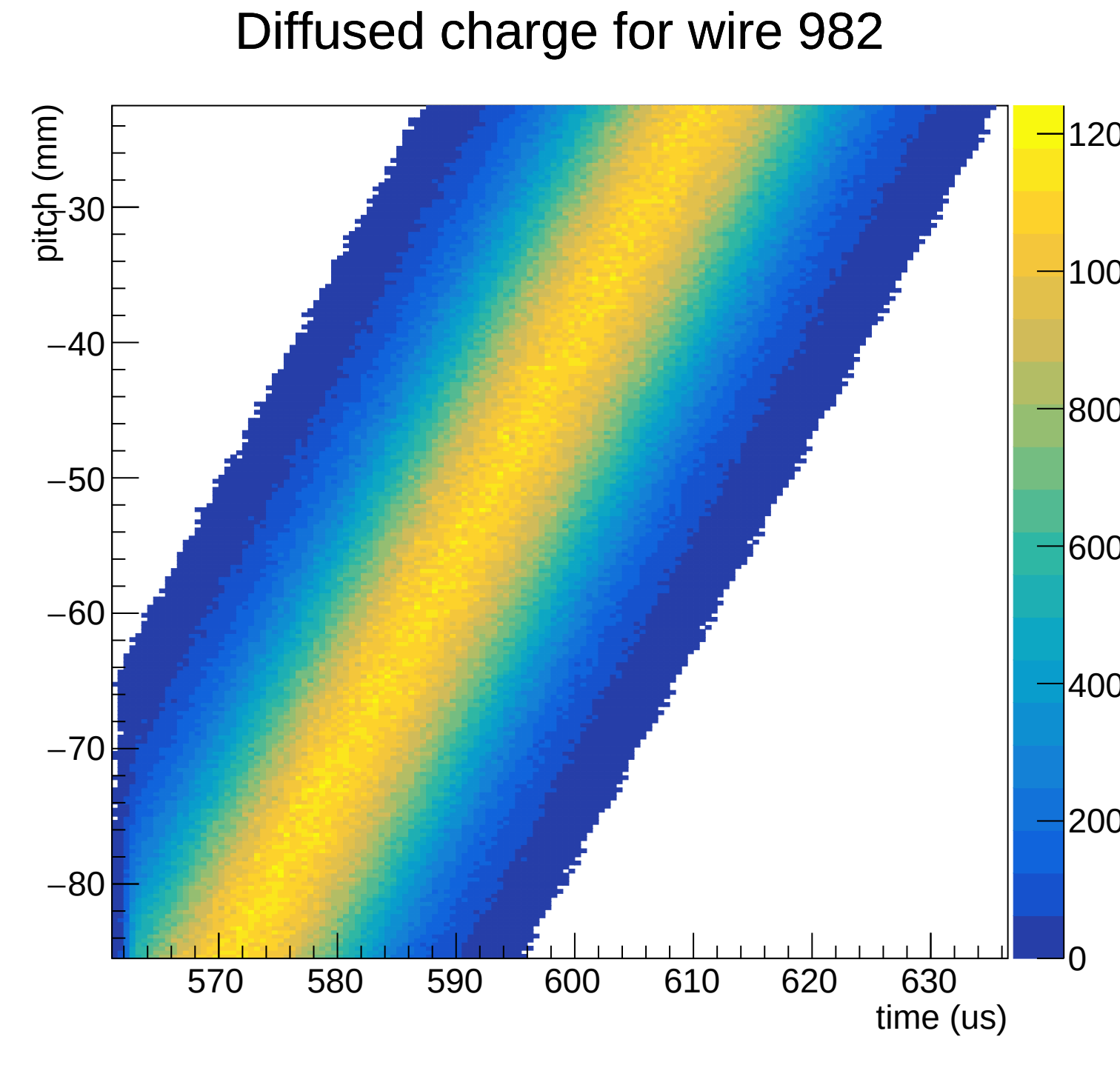

Diffused charge for wire 977
pitch (mm)
−40
−50
−60
−70
−80
−90
−100
570
580
590
600
610
620
time (us)
120
100
800
600
400
200
0

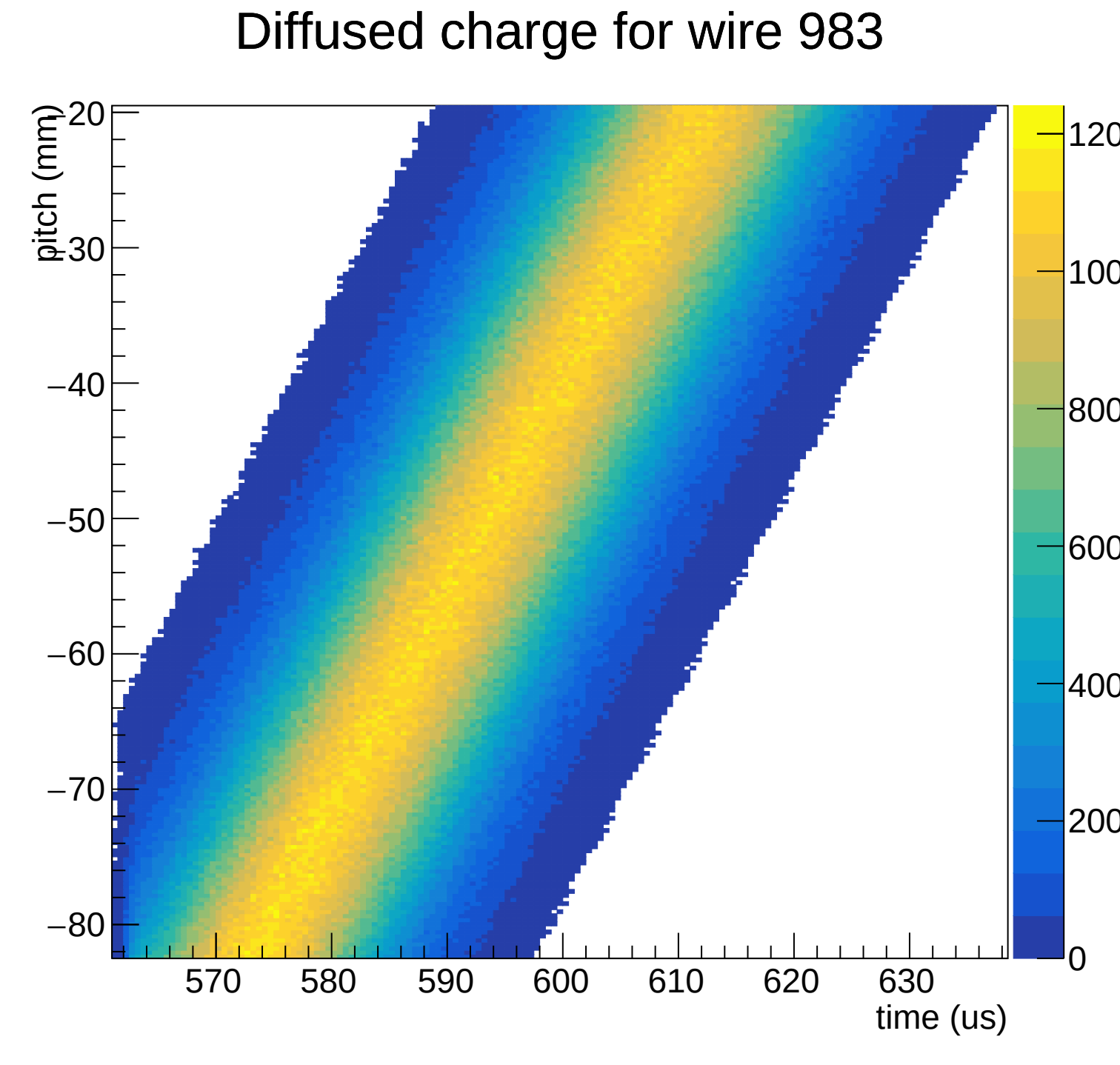

Diffused charge for wire 978
pitch (mm)
−40
−50
−60
−70
−80
−90
570
580
590
600
610
620
time (us)
120
100
800
600
400
200
0

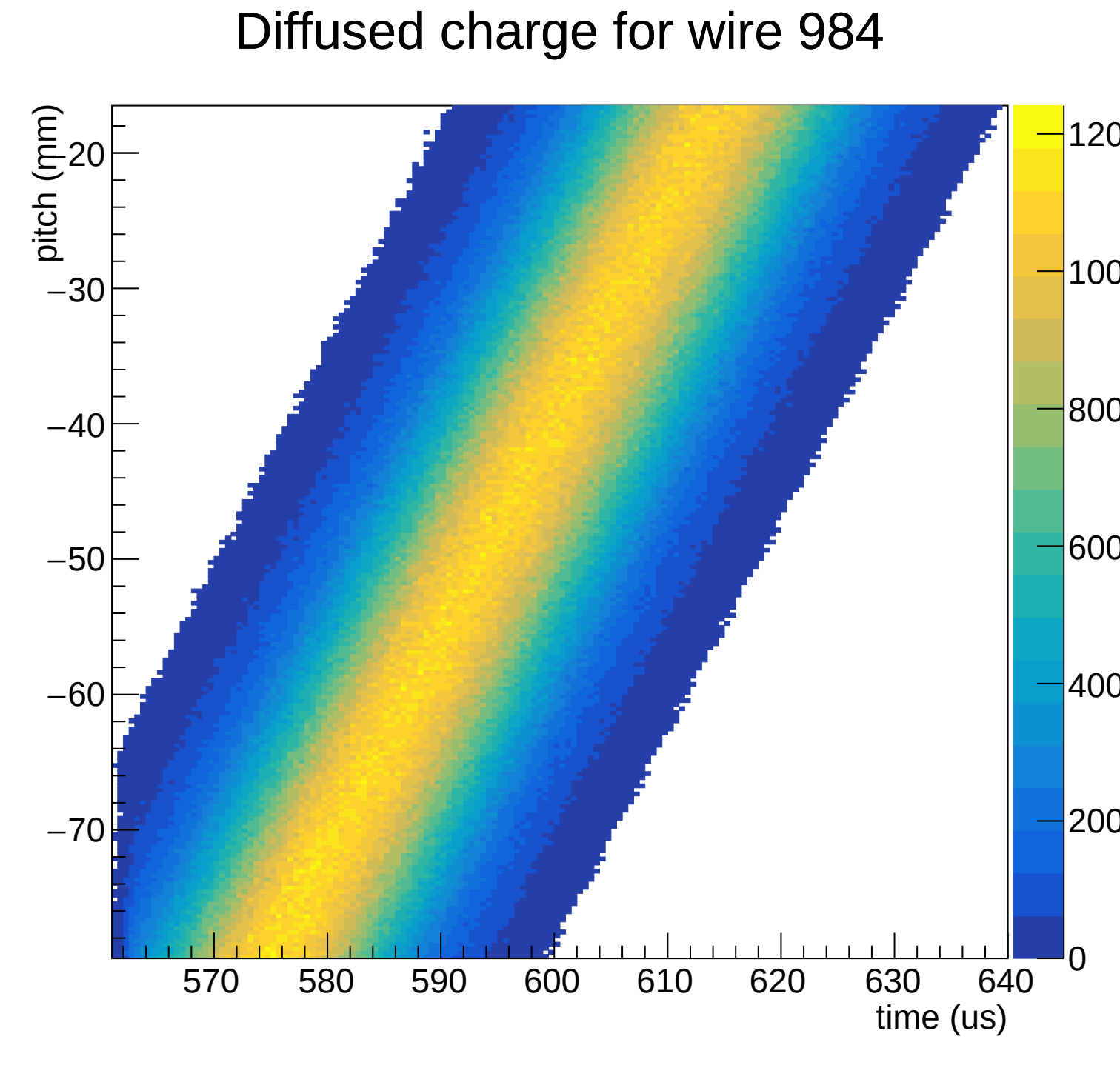

Diffused charge for wire 979
pitch (mm)
−40
−50
−60
−70
−80
−90
570
580
590
600
610
620
630
time (us)
120
100
800
600
400
200
0

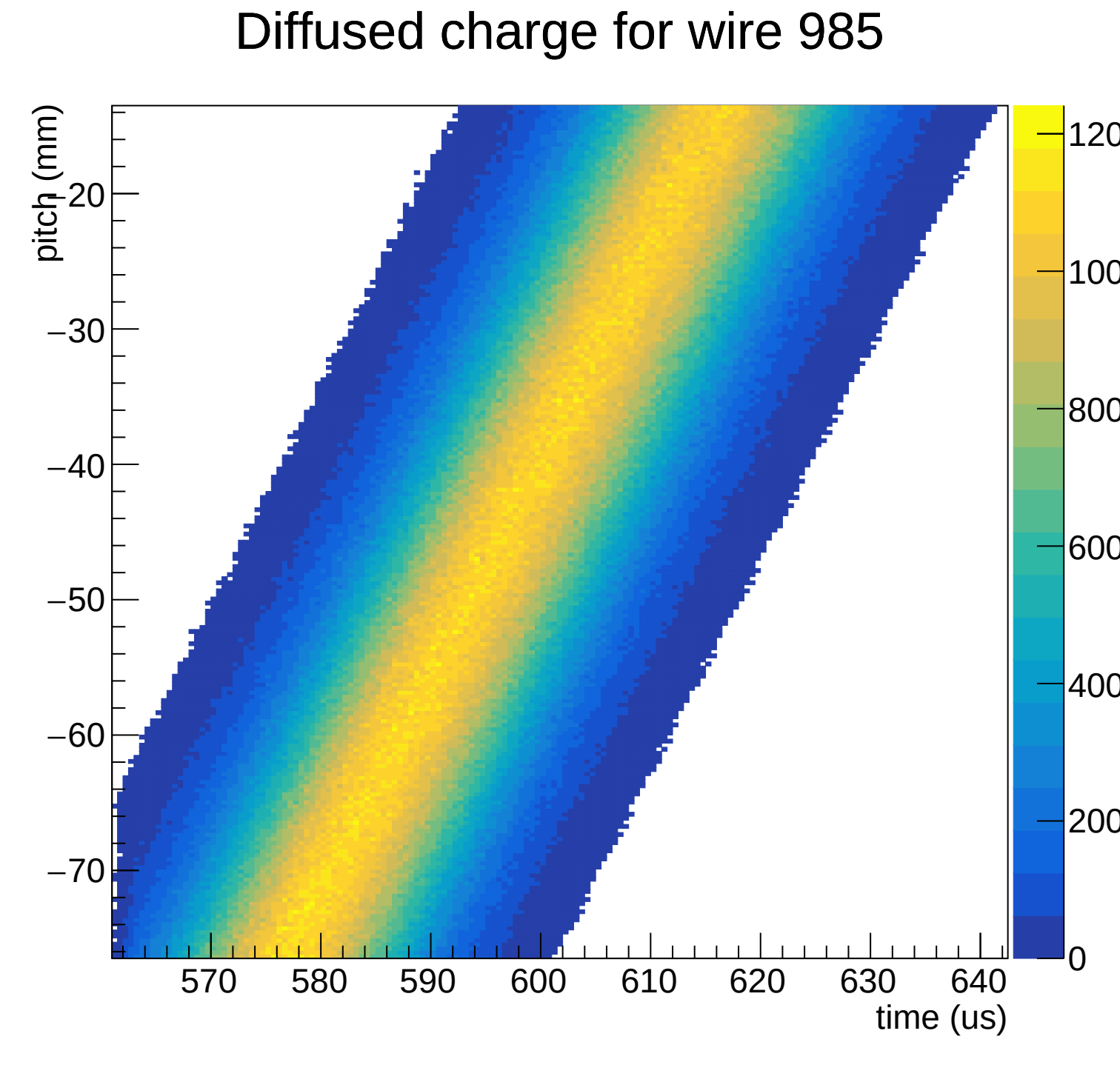

Diffused charge for wire 980
pitch (mm)
−30
−40
−50
−60
−70
−80
−90
570
580
590
600
610
620
630
time (us)
120
100
800
600
400
200
0

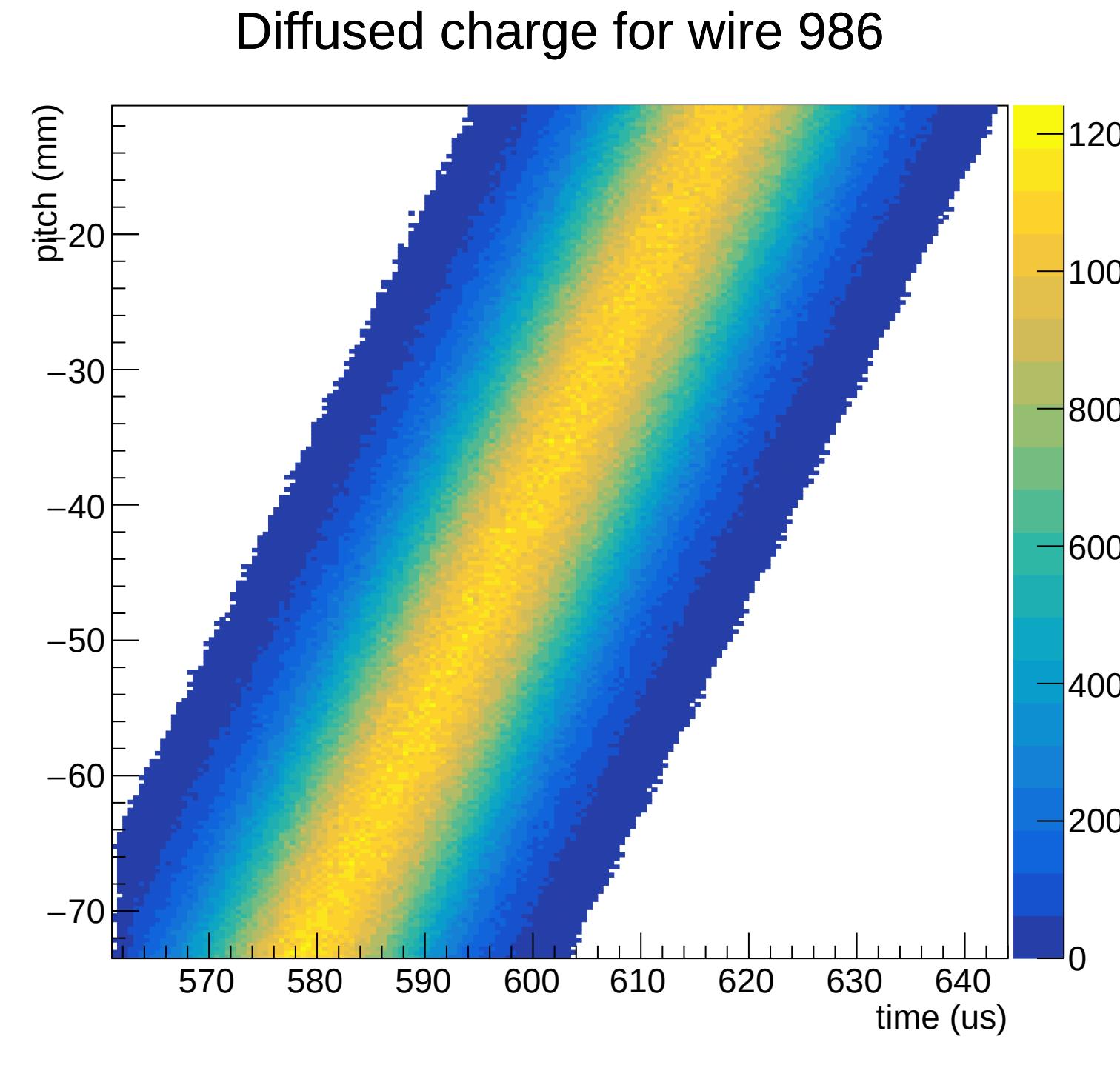

Diffused charge for wire 981
pitch (mm)
−30
−40
−50
−60
−70
−80
570
580
590
600
610
620
630
time (us)
120
100
800
600
400
200
0

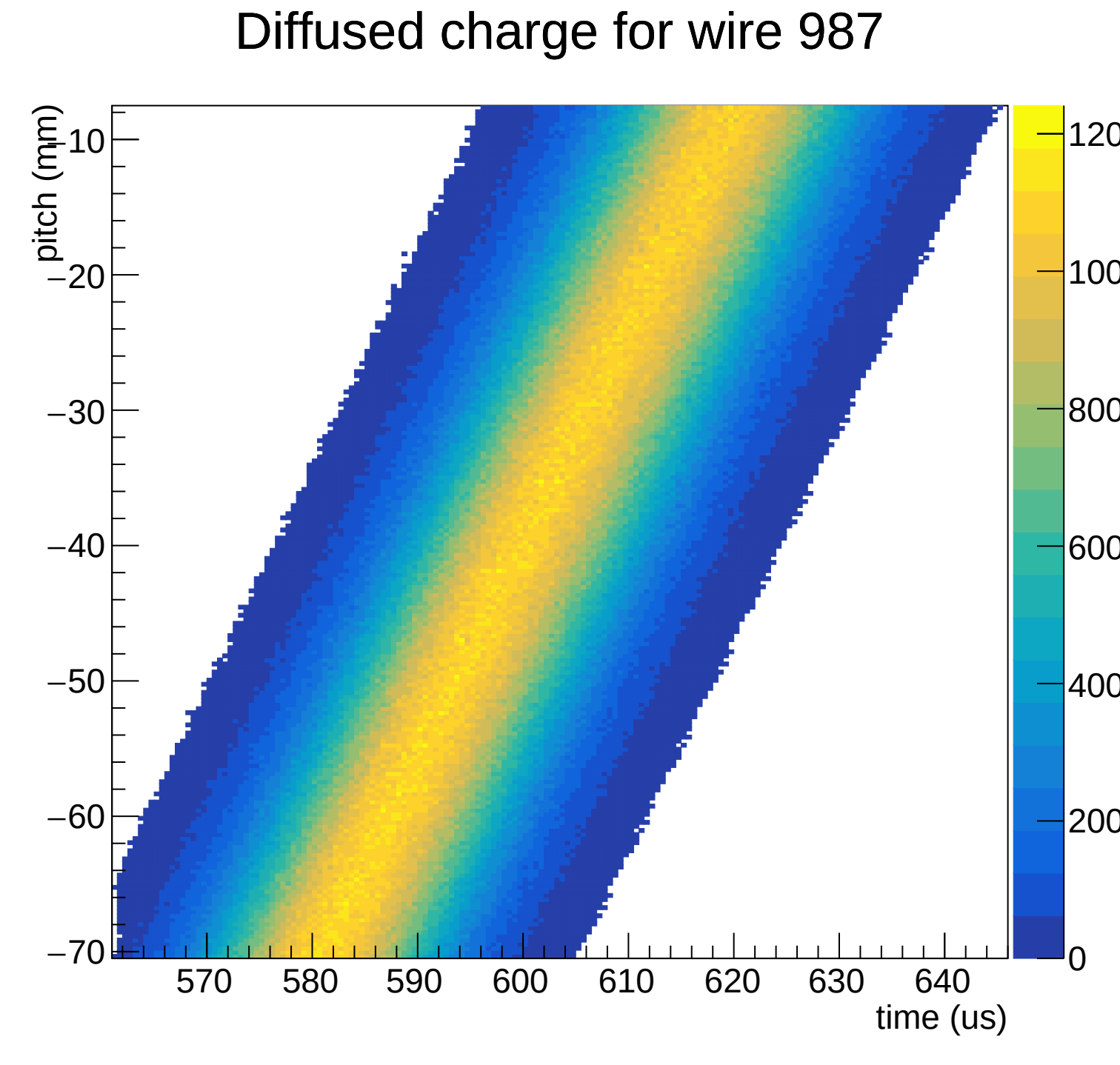

Diffused charge for wire 982
pitch (mm)
−30
−40
−50
−60
−70
−80
570
580
590
600
610
620
630
time (us)
120
100
800
600
400
200
0

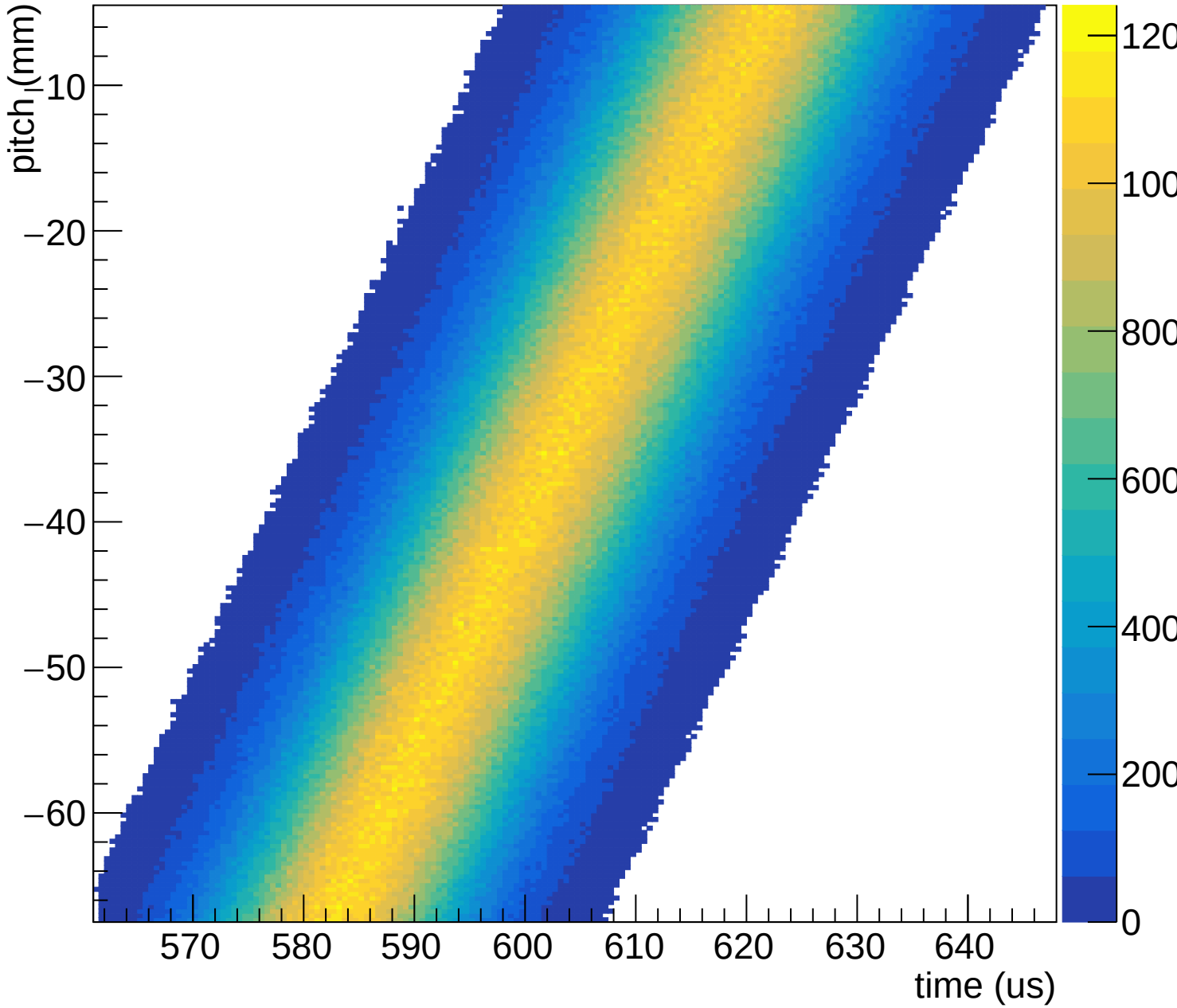

Diffused charge for wire 983
pitch (mm)
20
−30
−40
−50
−60
−70
−80
570
580
590
600
610
620
630
time (us)
120
100
800
600
400
200
0

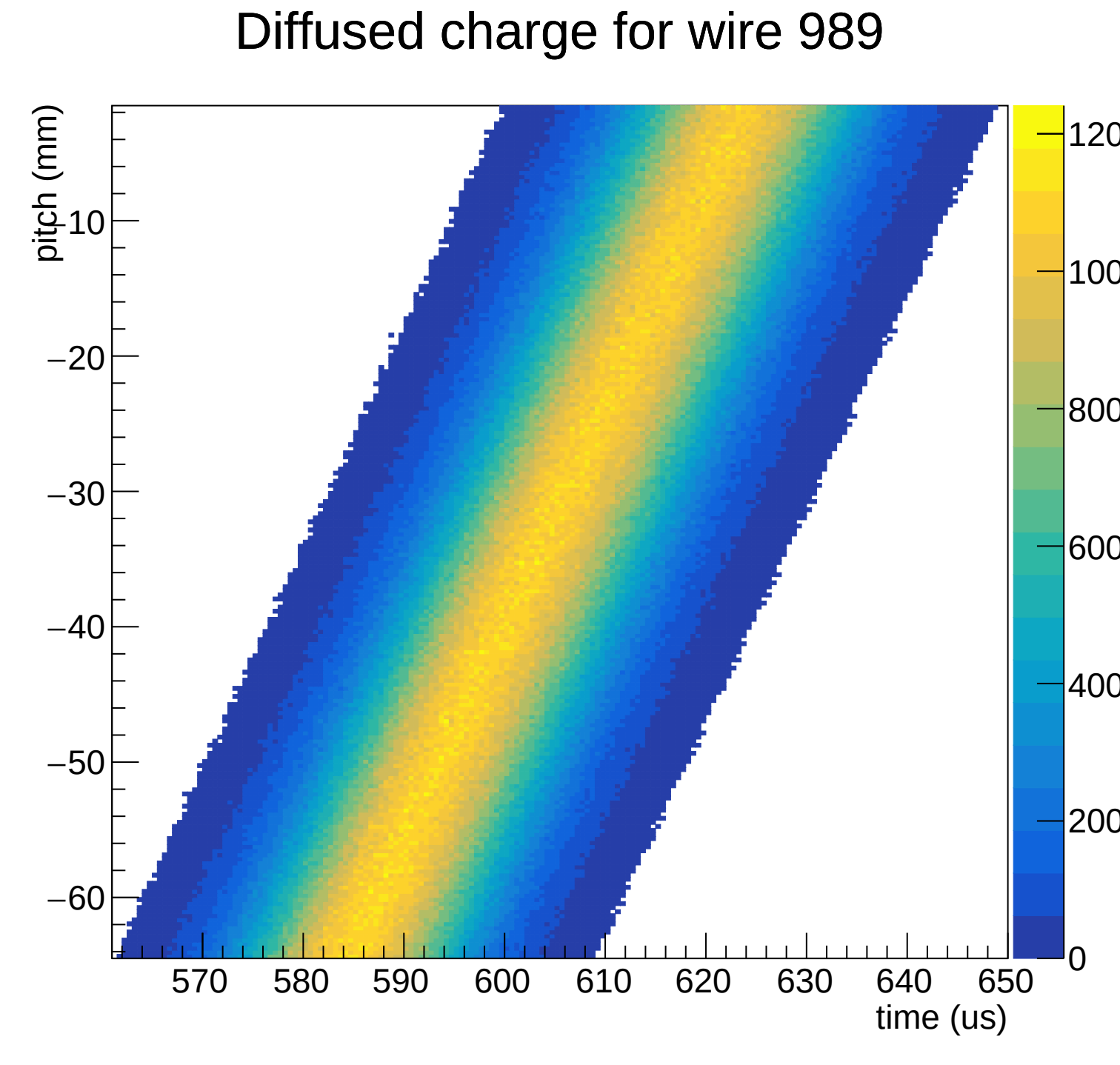

Diffused charge for wire 984
pitch (mm)
−20
−30
−40
−50
−60
−70
570
580
590
600
610
620
630
640
time (us)
120
100
800
600
400
200
0

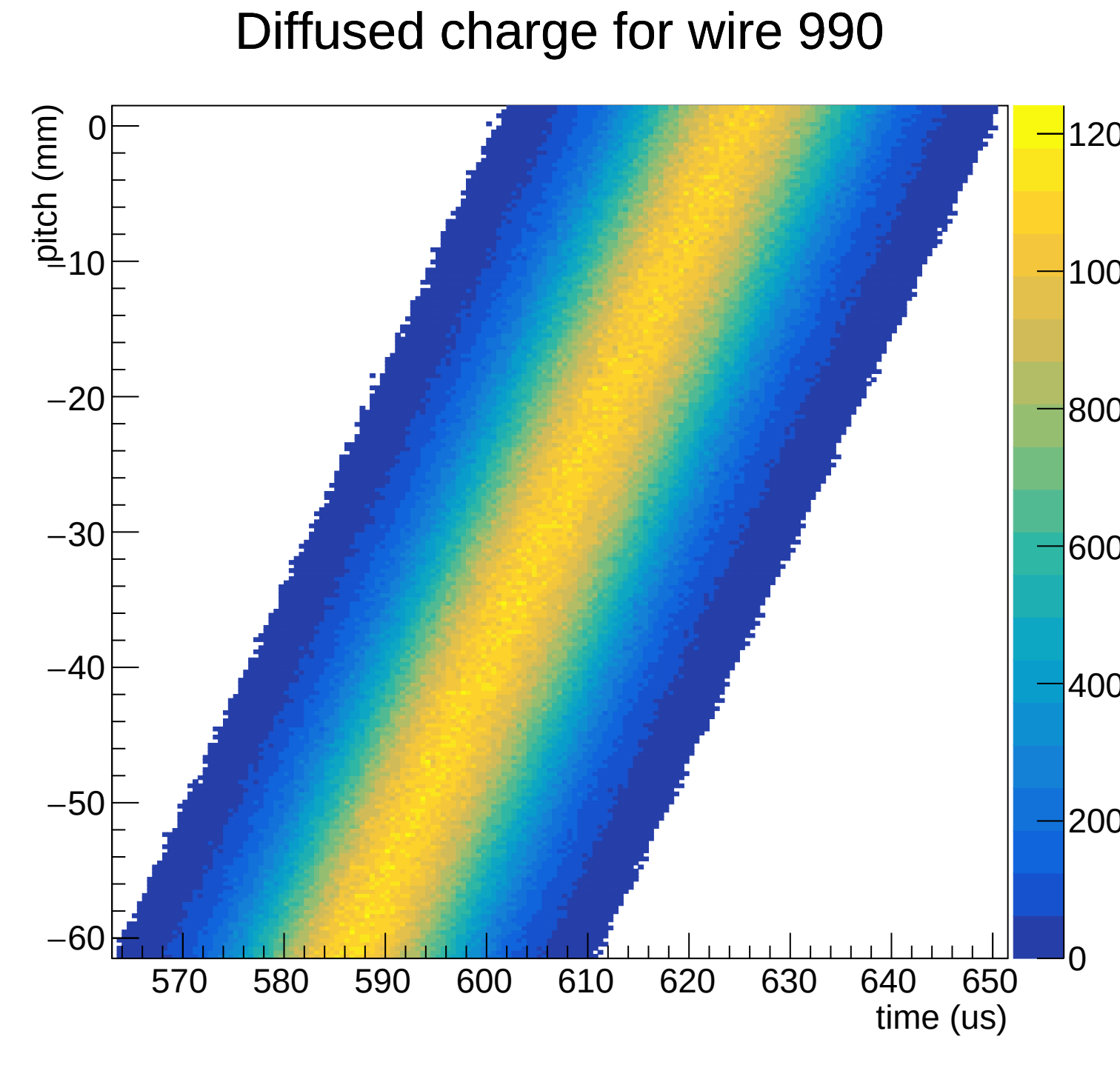

Diffused charge for wire 985
pitch (mm)
−20
−30
−40
−50
−60
−70
570
580
590
600
610
620
630
640
time (us)
120
100
800
600
400
200
0

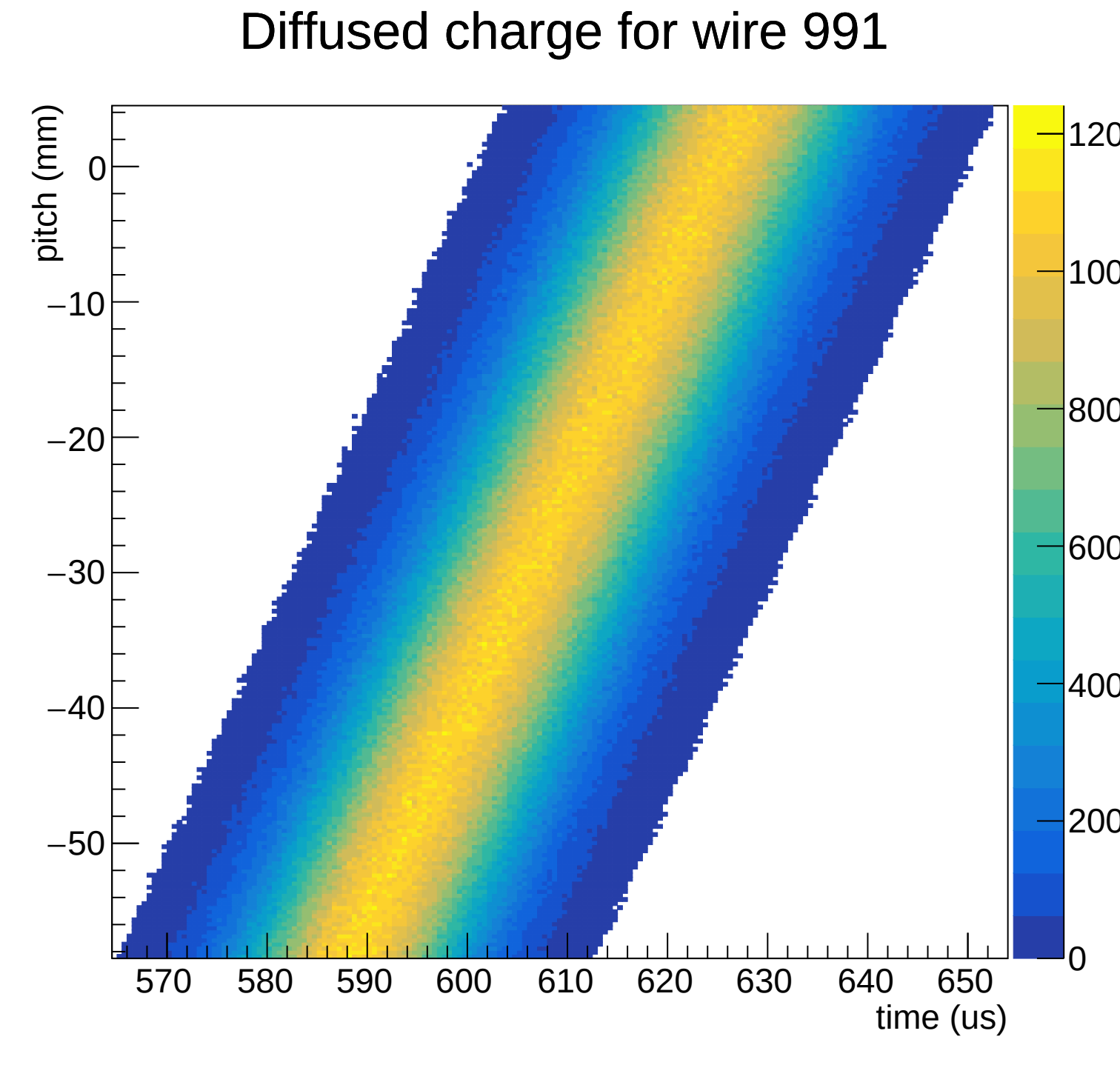

Diffused charge for wire 986
pitch (mm)
−20
−30
−40
−50
−60
−70
570
580
590
600
610
620
630
640
time (us)
1200
1000
800
600
400
200
0

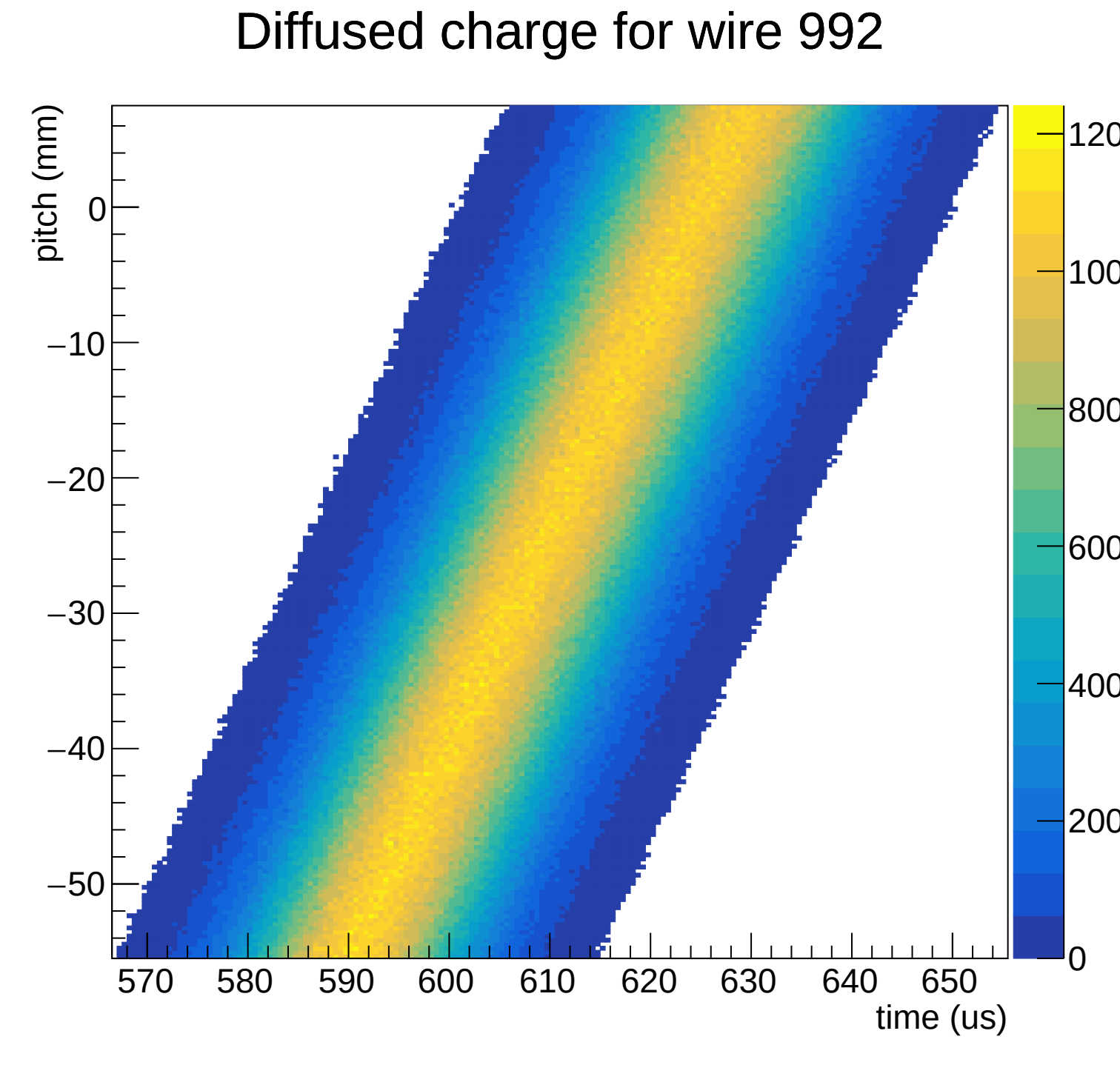

Diffused charge for wire 987
pitch (mm)
−10
−20
−30
−40
−50
−60
−70
570
580
590
600
610
620
630
640
time (us)
120
100
800
600
400
200
0

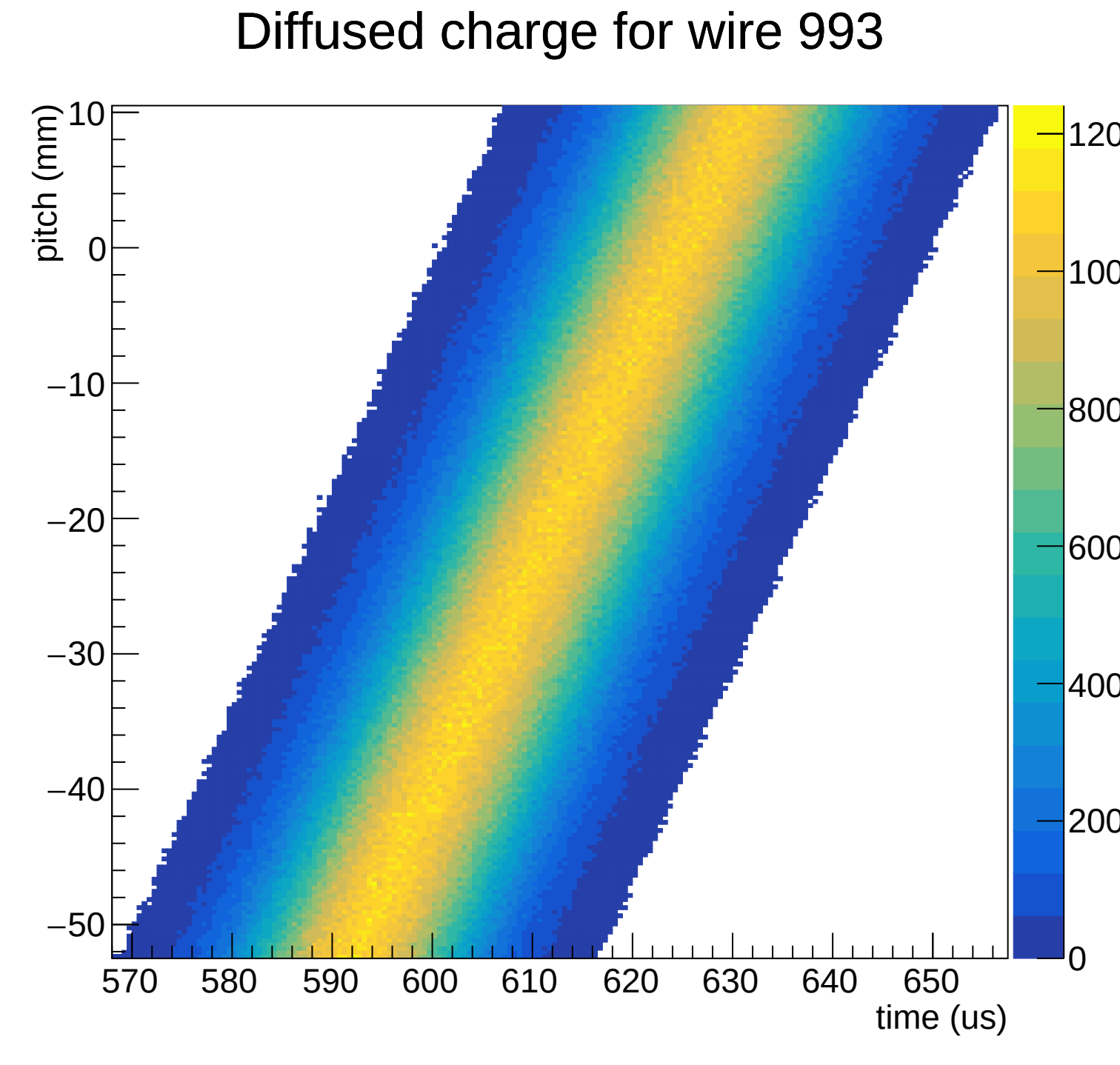

Diffused charge for wire 988
pitch_1 (mm)
−10
−20
−30
−40
−50
−60
570
580
590
600
610
620
630
640
time (us)
120
100
800
600
400
200
0

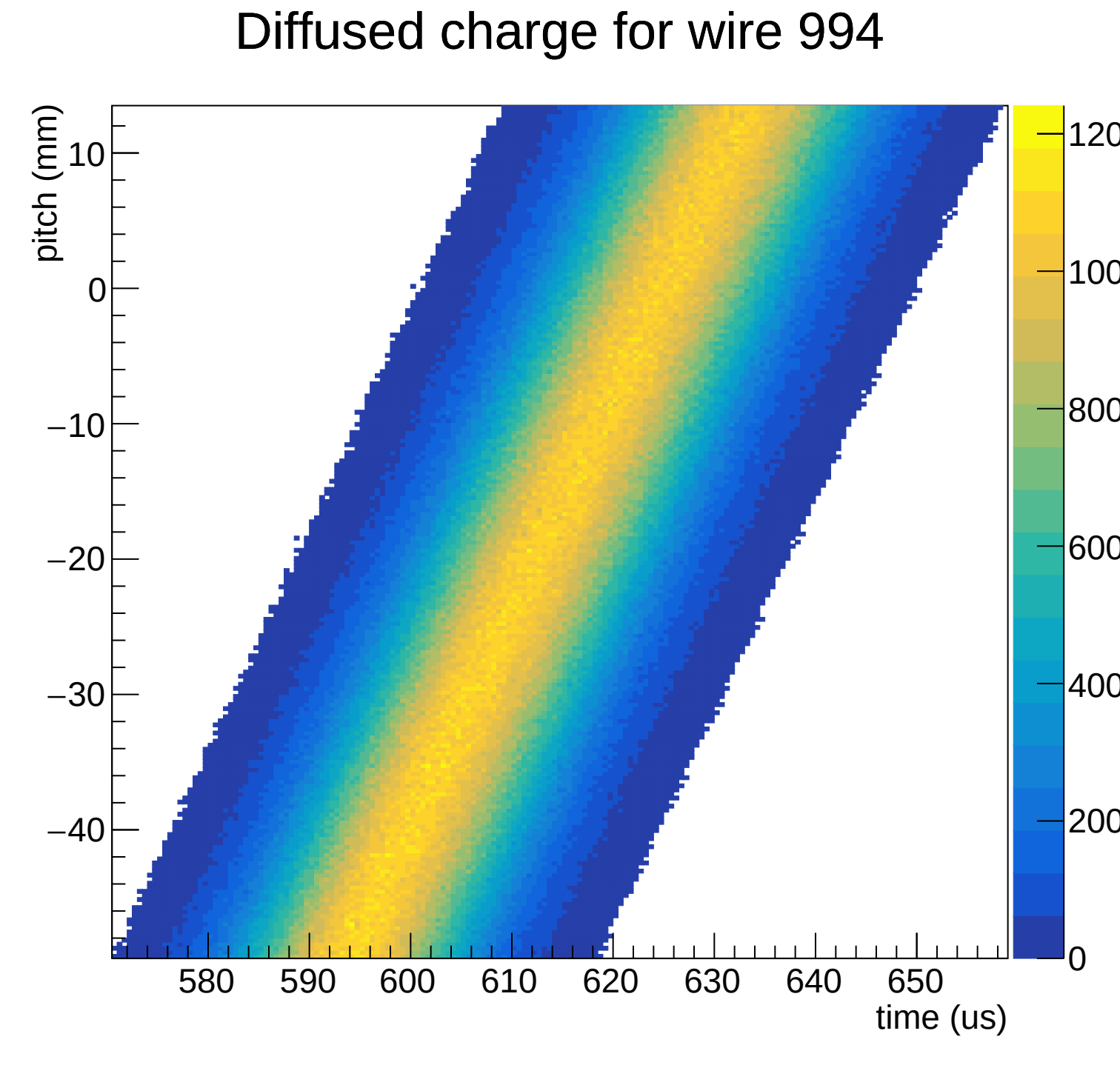

Diffused charge for wire 989
pitch (mm)
−10
−20
−30
−40
−50
−60
570
580
590
600
610
620
630
640
650
time (us)
120
100
800
600
400
200
0

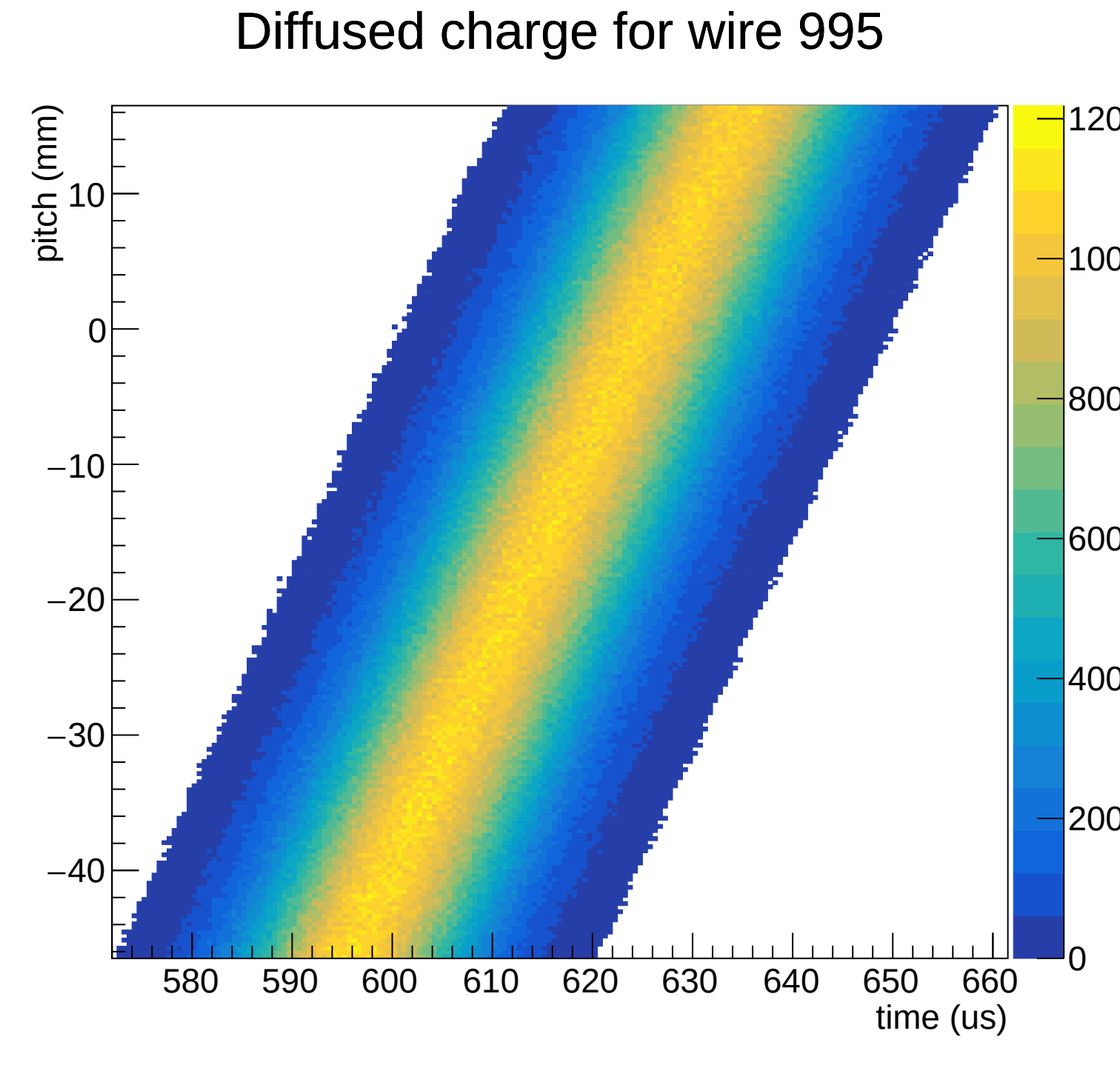

Diffused charge for wire 990
pitch (mm)
0
−10
−20
−30
−40
−50
−60
570
580
590
600
610
620
630
640
650
time (us)
120
100
800
600
400
200
0

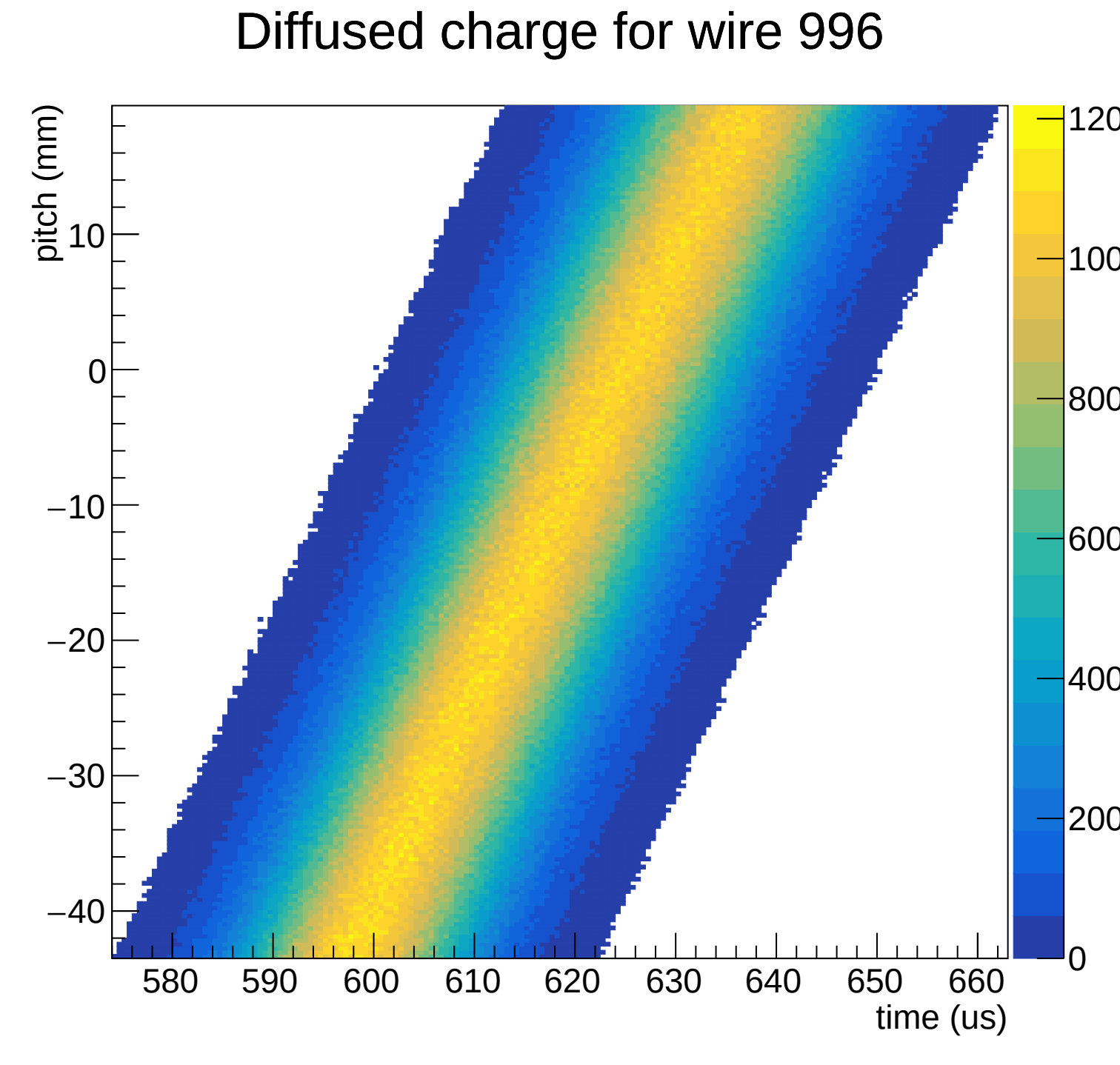

Diffused charge for wire 991
pitch (mm)
0
−10
−20
−30
−40
−50
570
580
590
600
610
620
630
640
650
time (us)
120
100
800
600
400
200
0

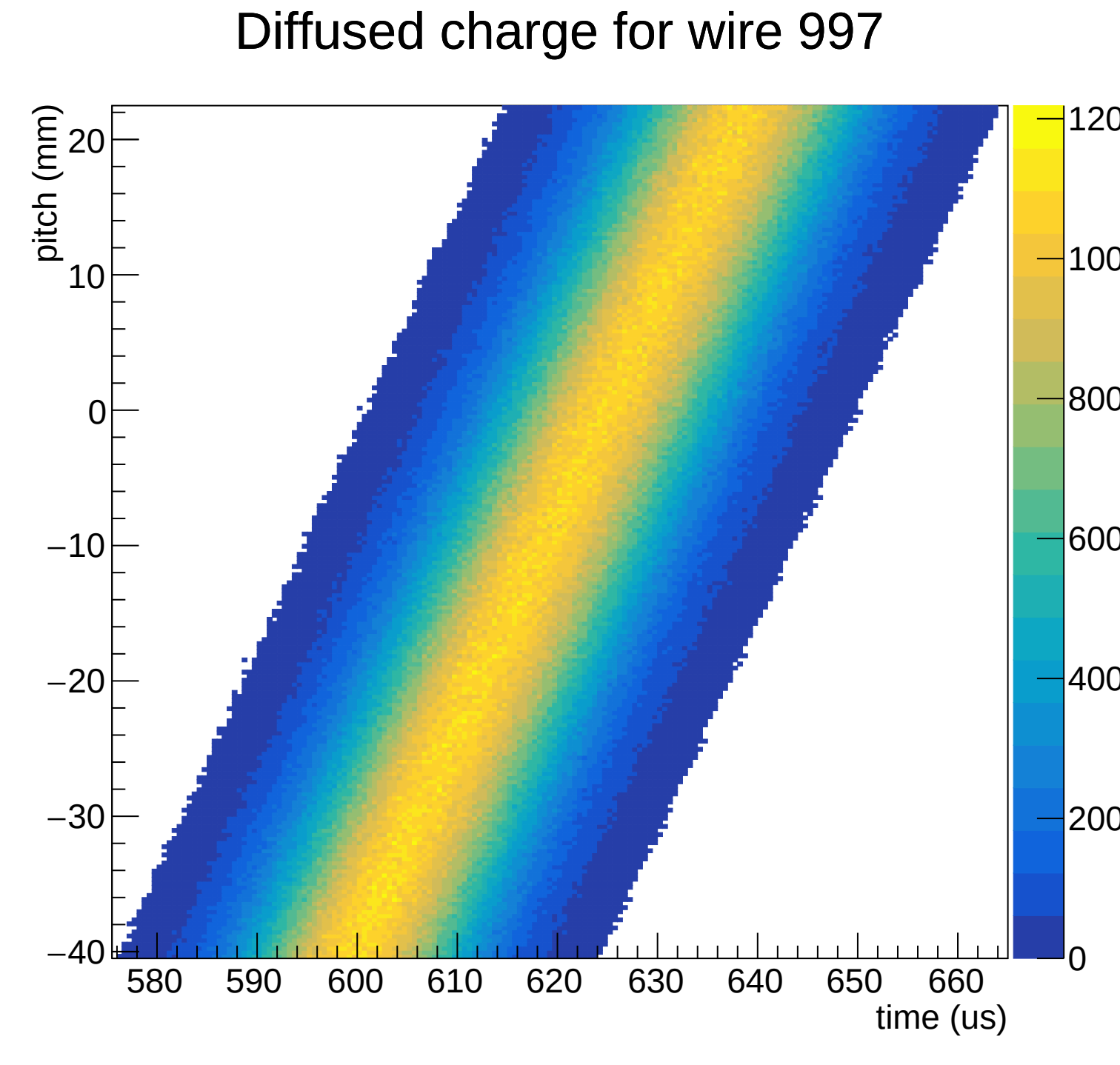

Diffused charge for wire 992
pitch (mm)
0
−10
−20
−30
−40
−50
570
580
590
600
610
620
630
640
650
time (us)
120
100
800
600
400
200
0

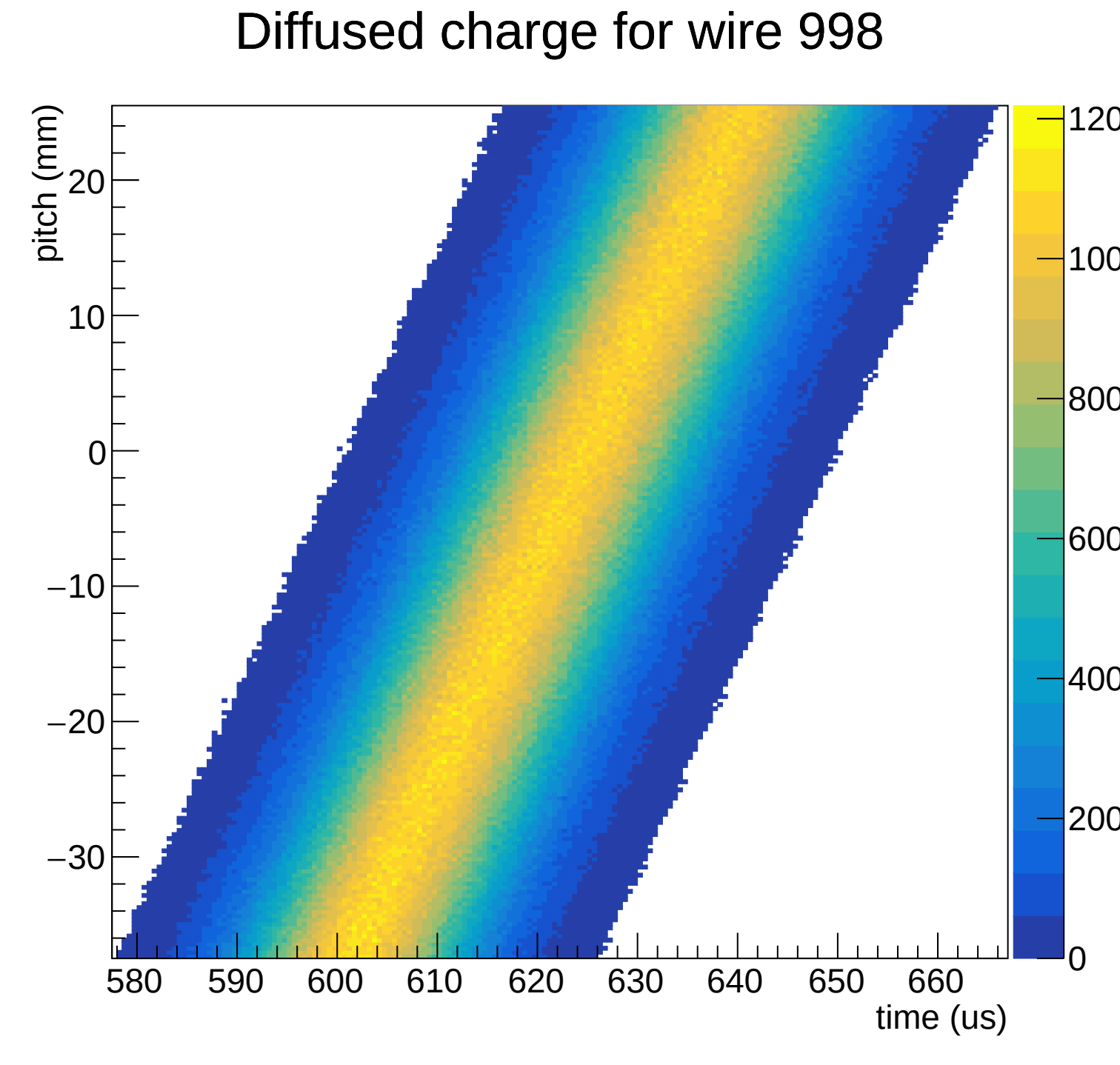

Diffused charge for wire 993
pitch (mm)
10
0
−10
−20
−30
−40
−50
570
580
590
600
610
620
630
640
650
time (us)
1200
1000
800
600
400
200
0

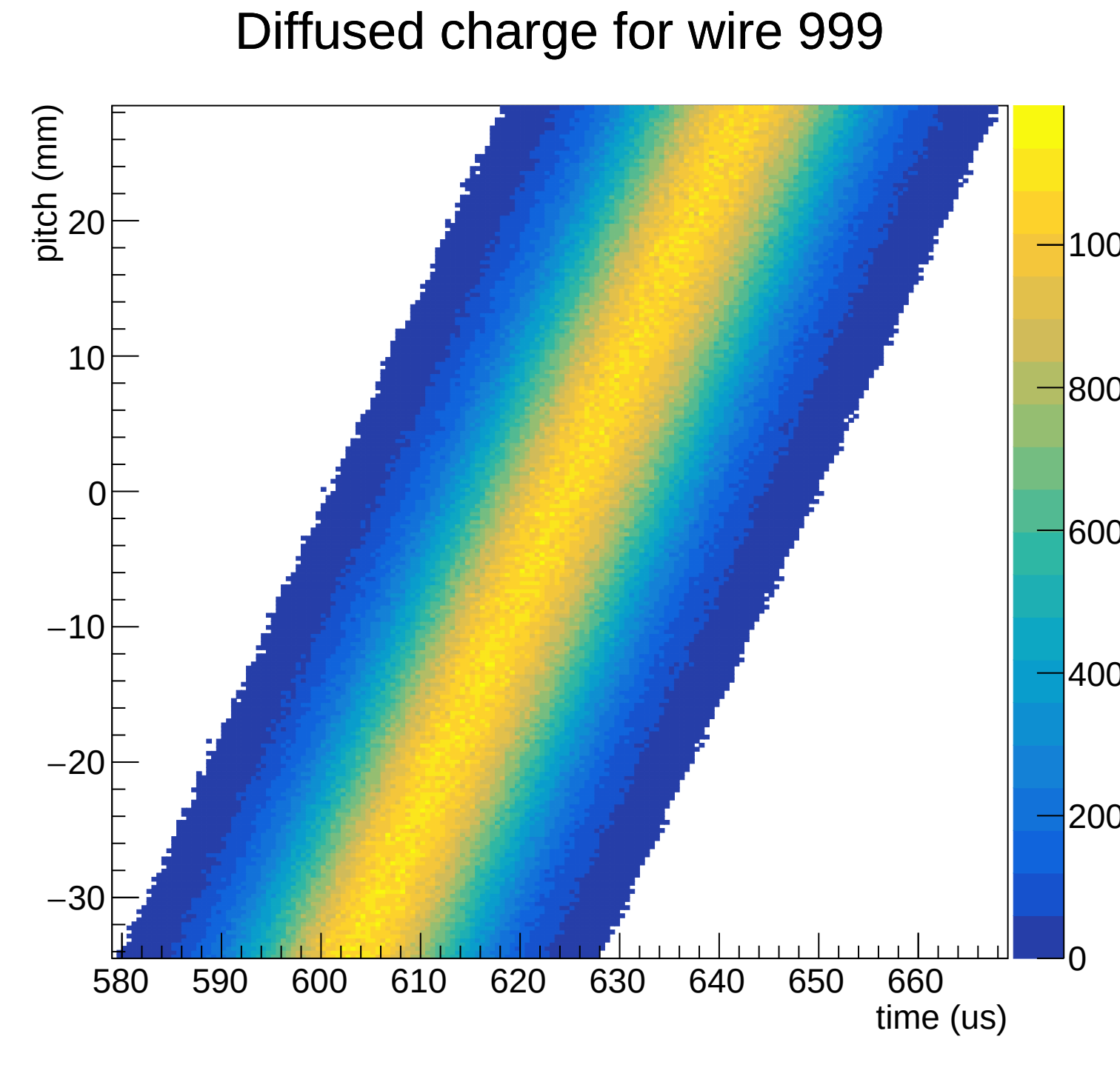

Diffused charge for wire 994
pitch (mm)
10
0
−10
−20
−30
−40
580
590
600
610
620
630
640
650
time (us)
120
100
800
600
400
200
0

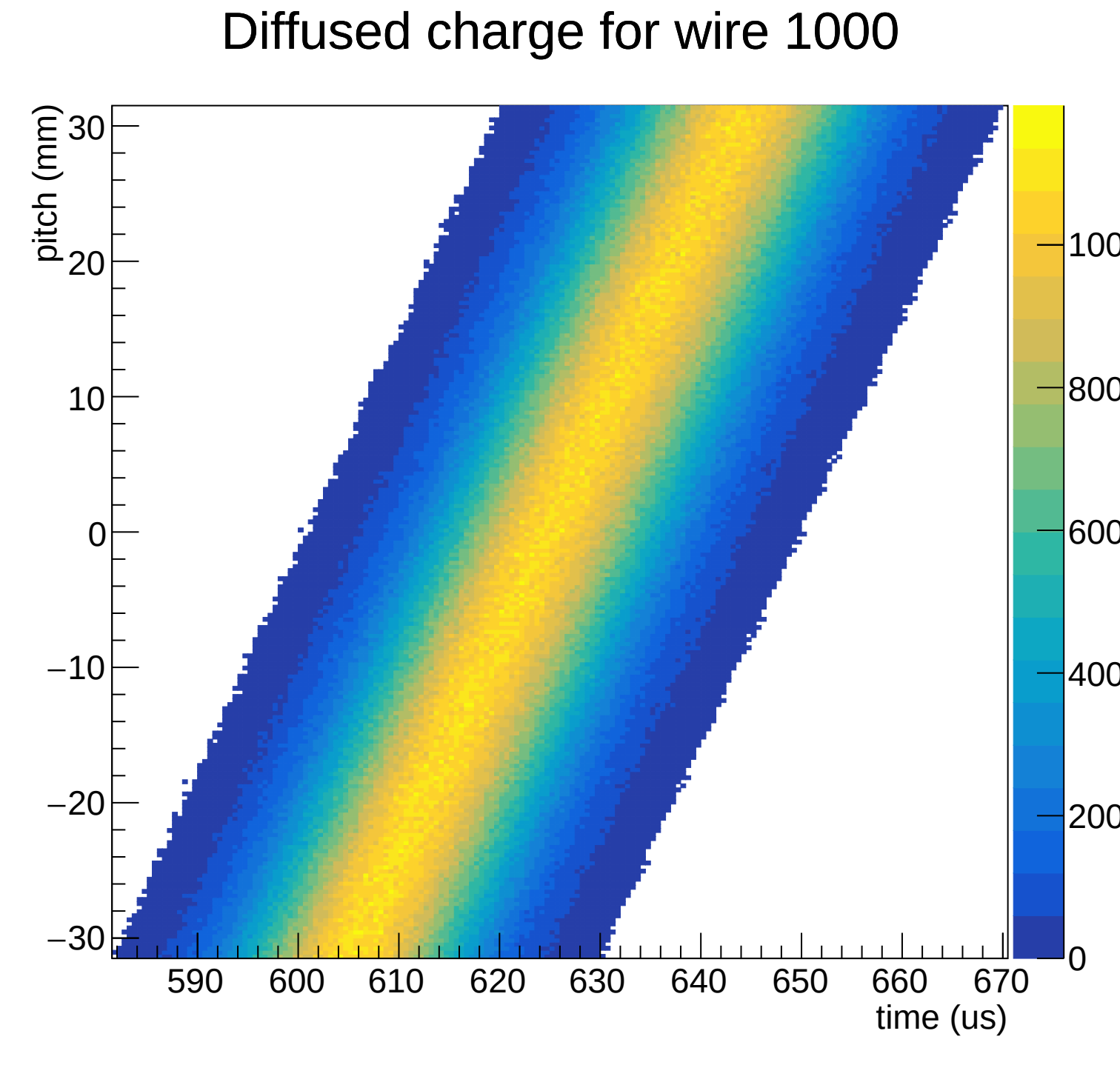

Diffused charge for wire 995
pitch (mm)
10
0
−10
−20
−30
−40
580
590
600
610
620
630
640
650
660
time (us)
120
100
800
600
400
200
0

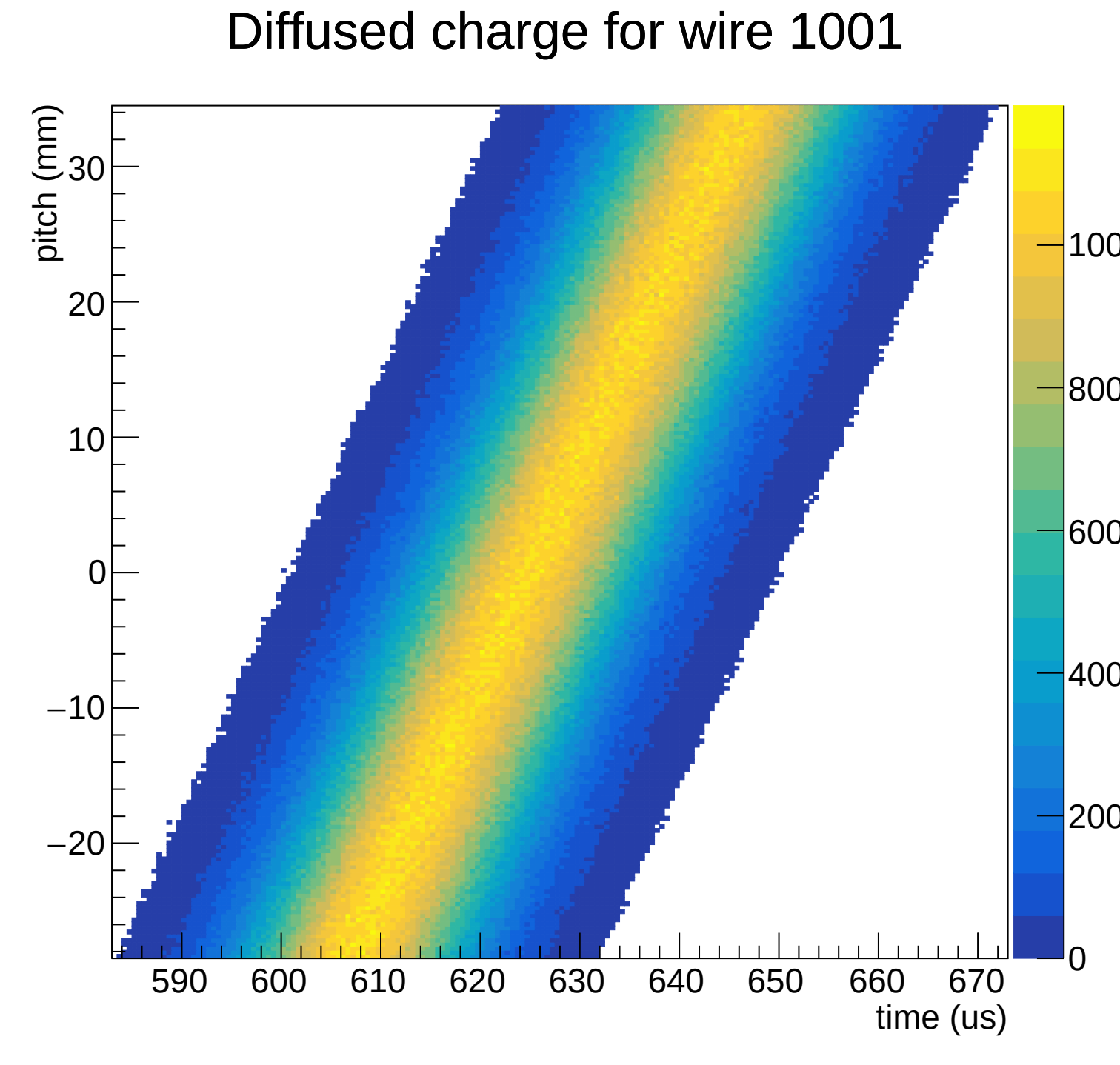

Diffused charge for wire 996
pitch (mm)
10
0
−10
−20
−30
−40
580
590
600
610
620
630
640
650
660
time (us)
120
100
800
600
400
200
0

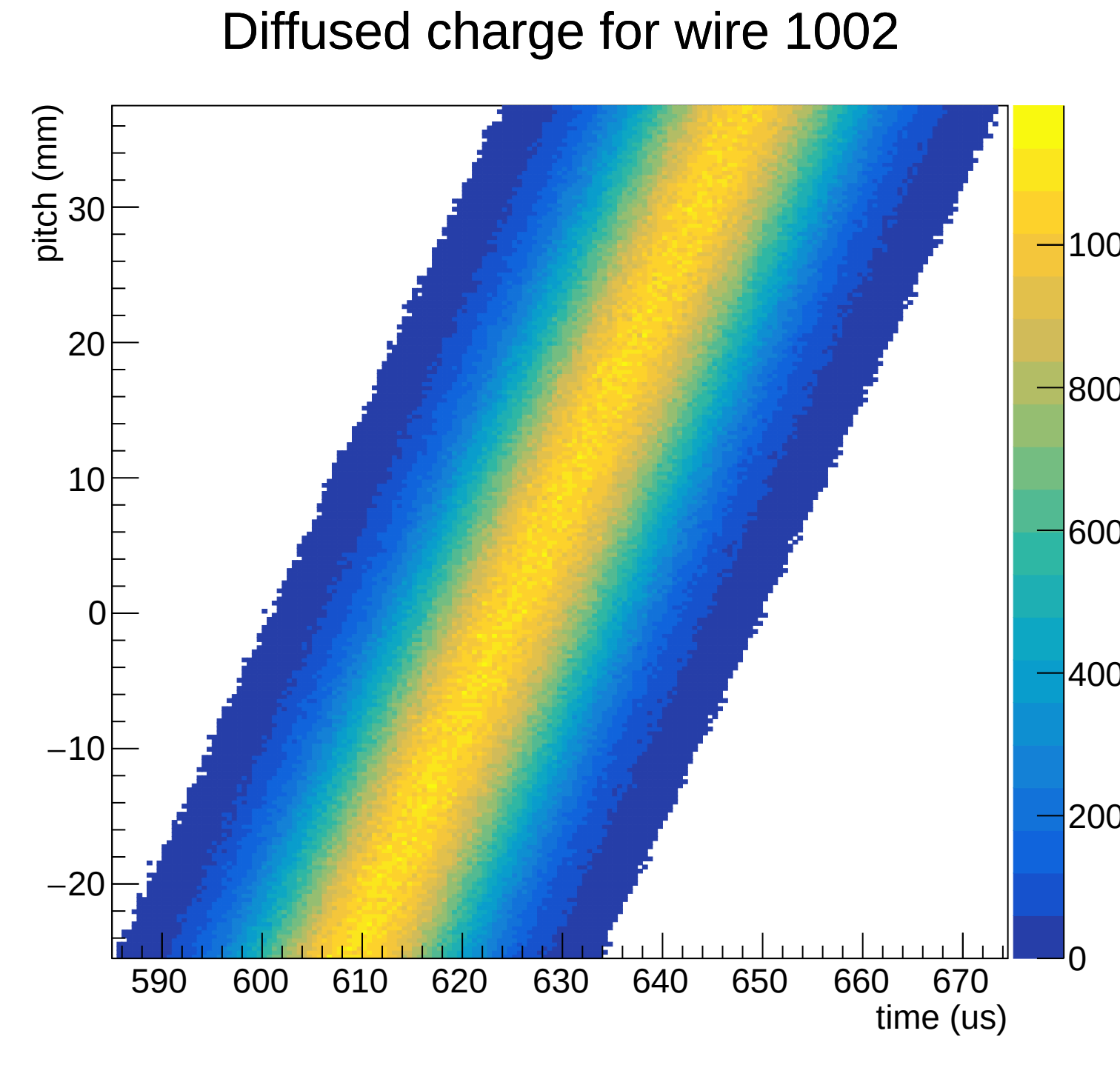

Diffused charge for wire 997
pitch (mm)
20
10
0
−10
−20
−30
−40
580
590
600
610
620
630
640
650
660
time (us)
120
100
800
600
400
200
0

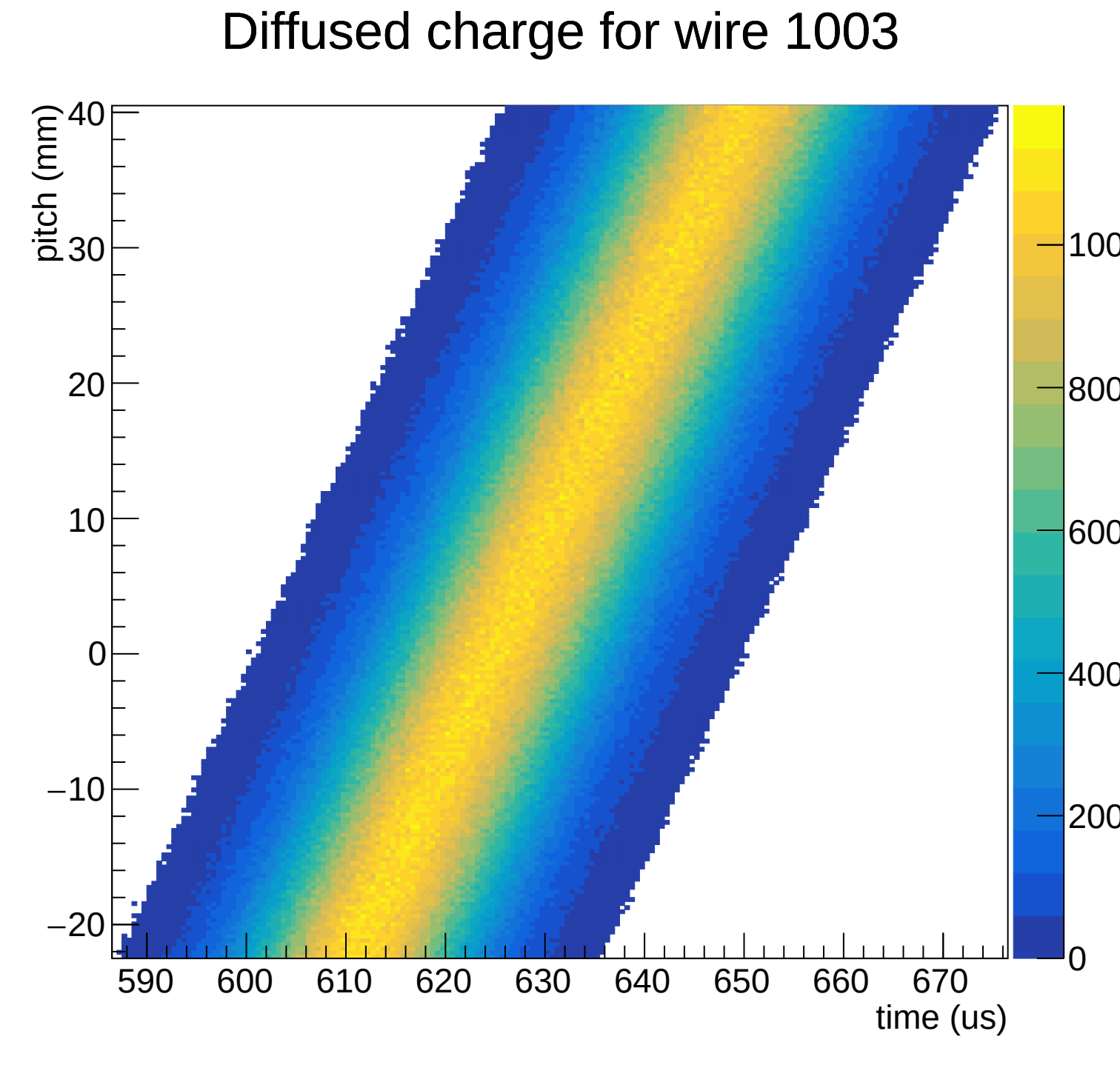

Diffused charge for wire 998
pitch (mm)
20
10
0
−10
−20
−30
580
590
600
610
620
630
640
650
660
time (us)
120
100
800
600
400
200
0

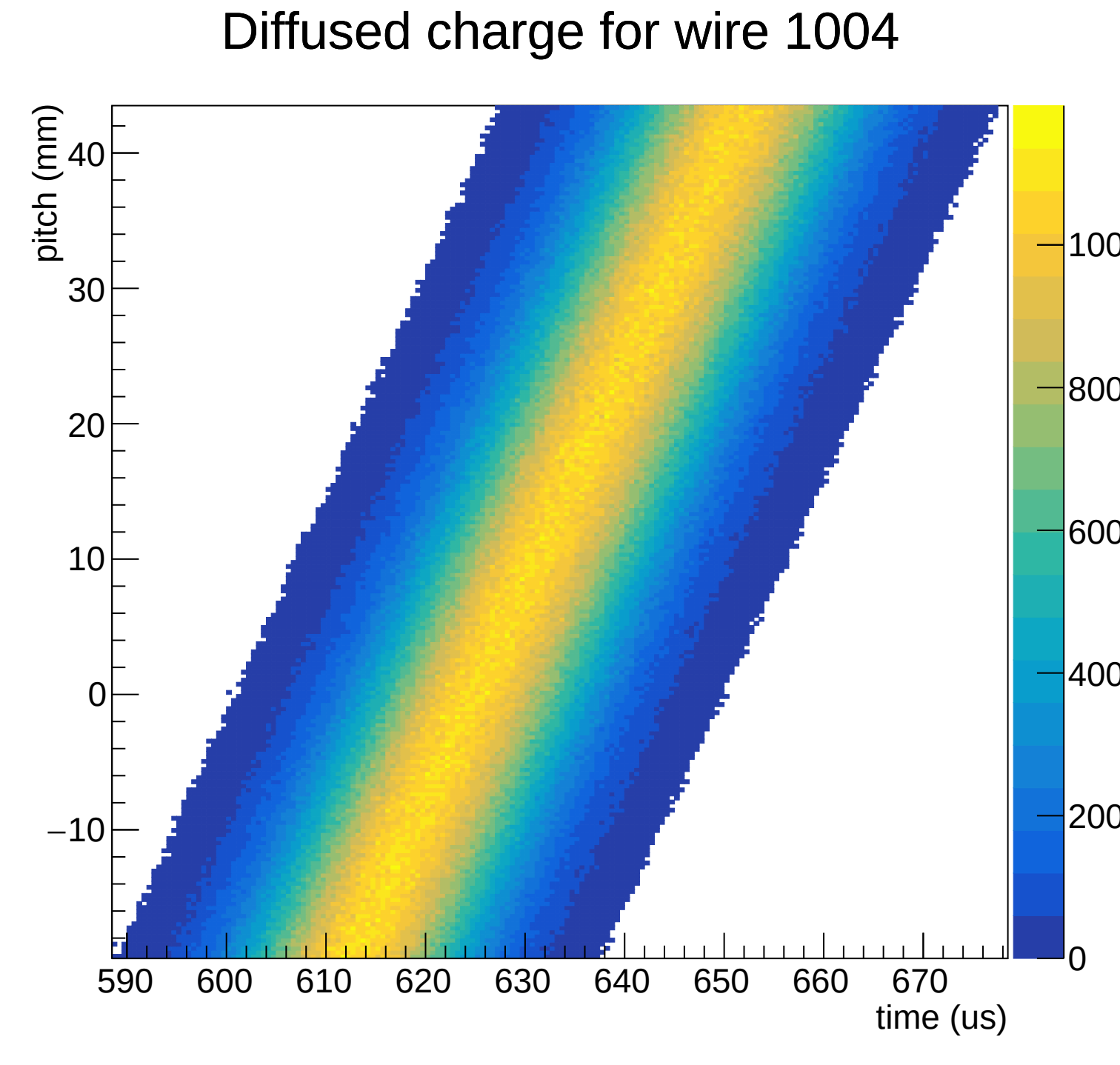

Diffused charge for wire 999
pitch (mm)
20
10
0
−10
−20
−30
580
590
600
610
620
630
640
650
660
time (us)
100
800
600
400
200
0

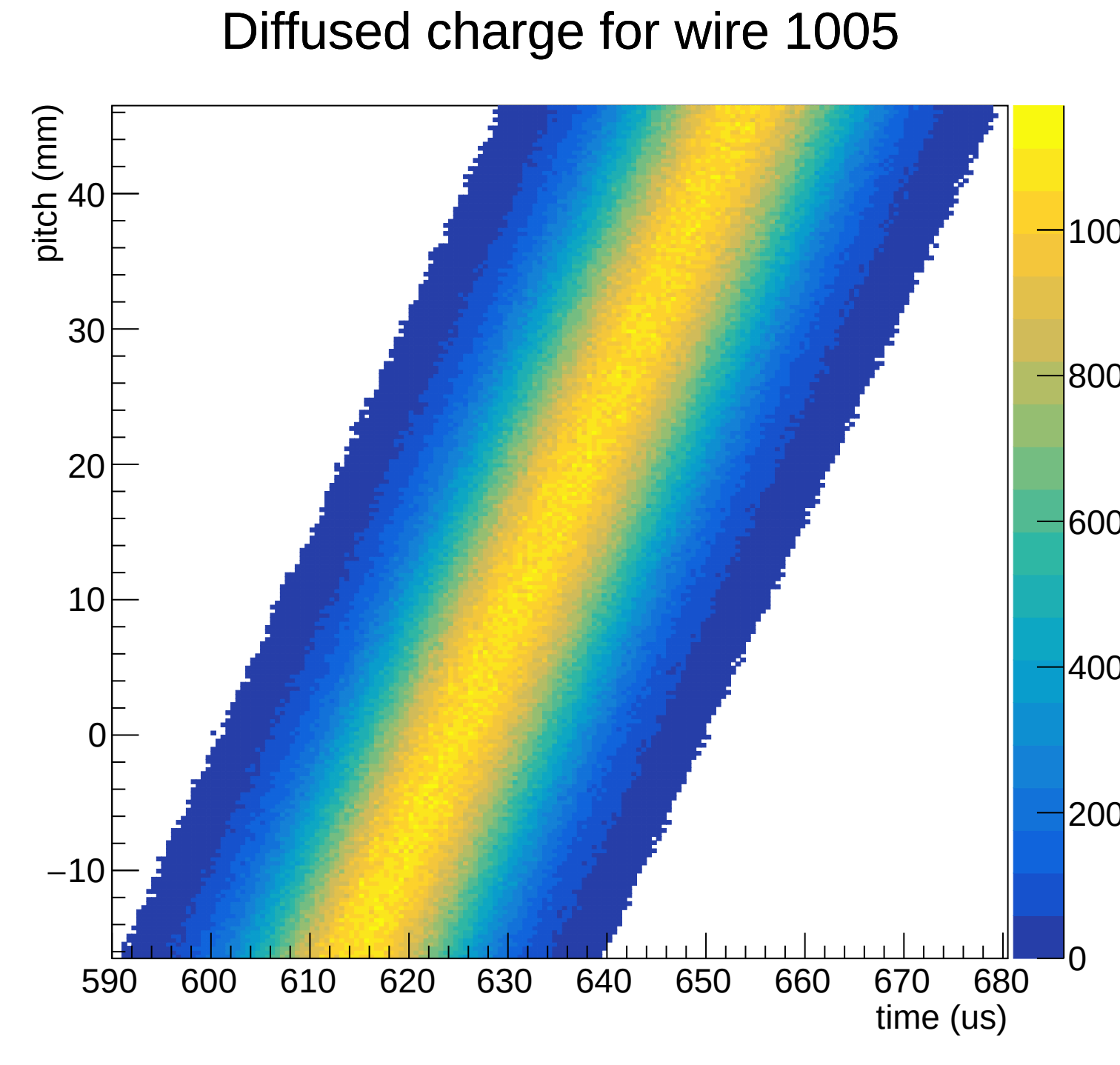

Diffused charge for wire 1000
pitch (mm)
30
20
10
0
−10
−20
−30
590
600
610
620
630
640
650
660
670
time (us)
1000
800
600
400
200
0

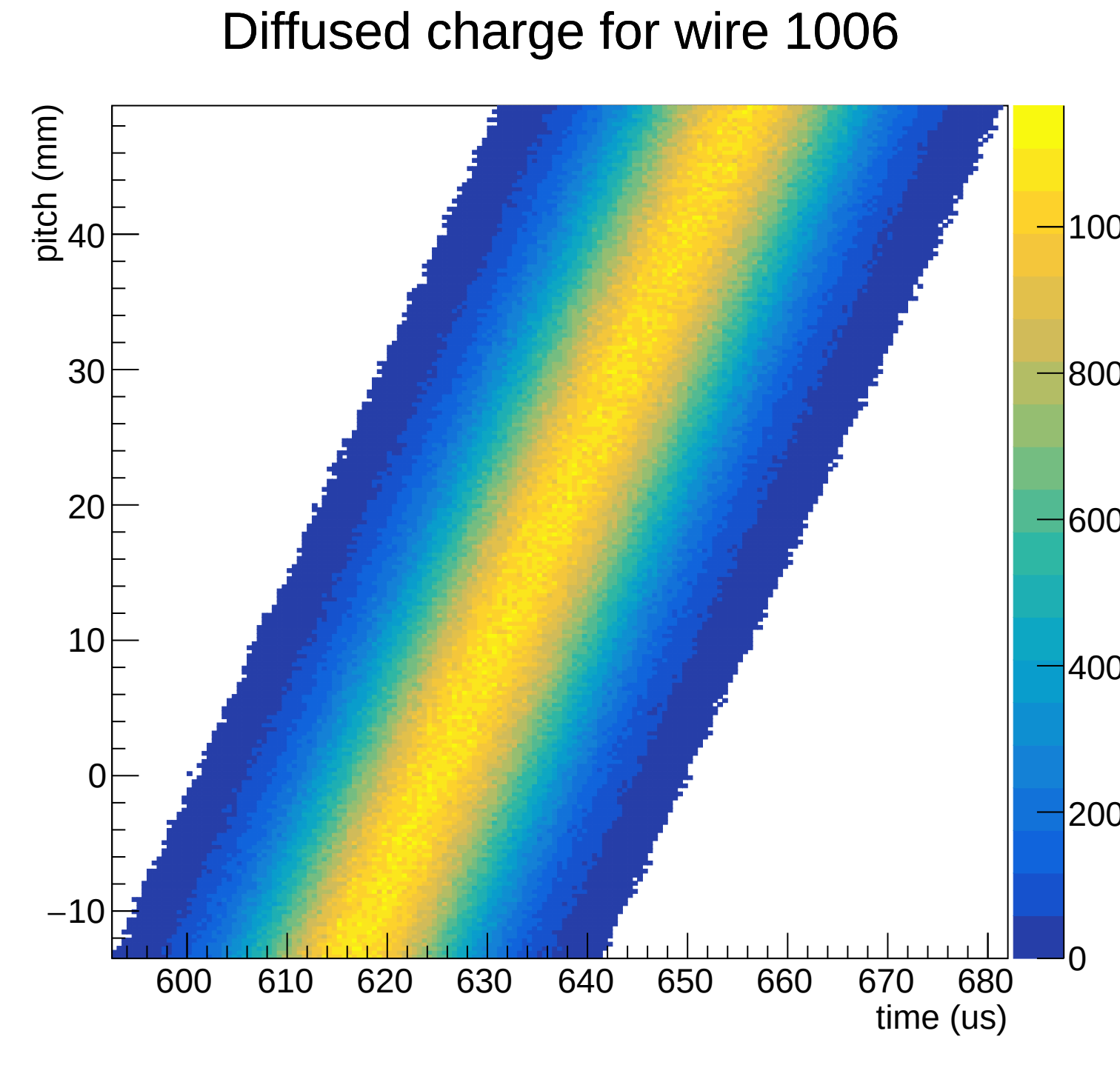

Diffused charge for wire 1001
pitch (mm)
30
20
10
0
−10
−20
590
600
610
620
630
640
650
660
670
time (us)
1000
800
600
400
200
0

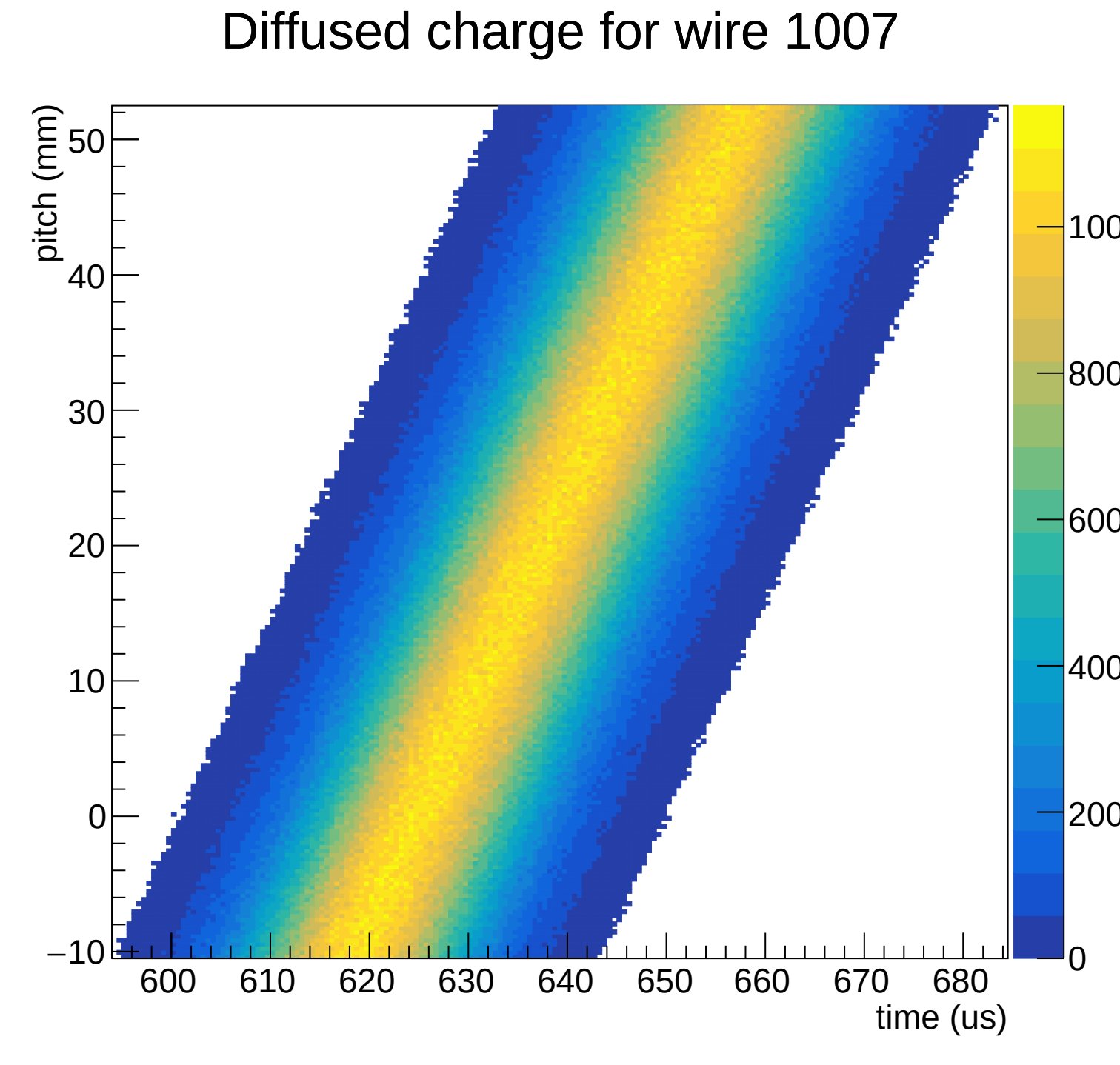

Diffused charge for wire 1002
pitch (mm)
30
20
10
0
−10
−20
590
600
610
620
630
640
650
660
670
time (us)
1000
800
600
400
200
0

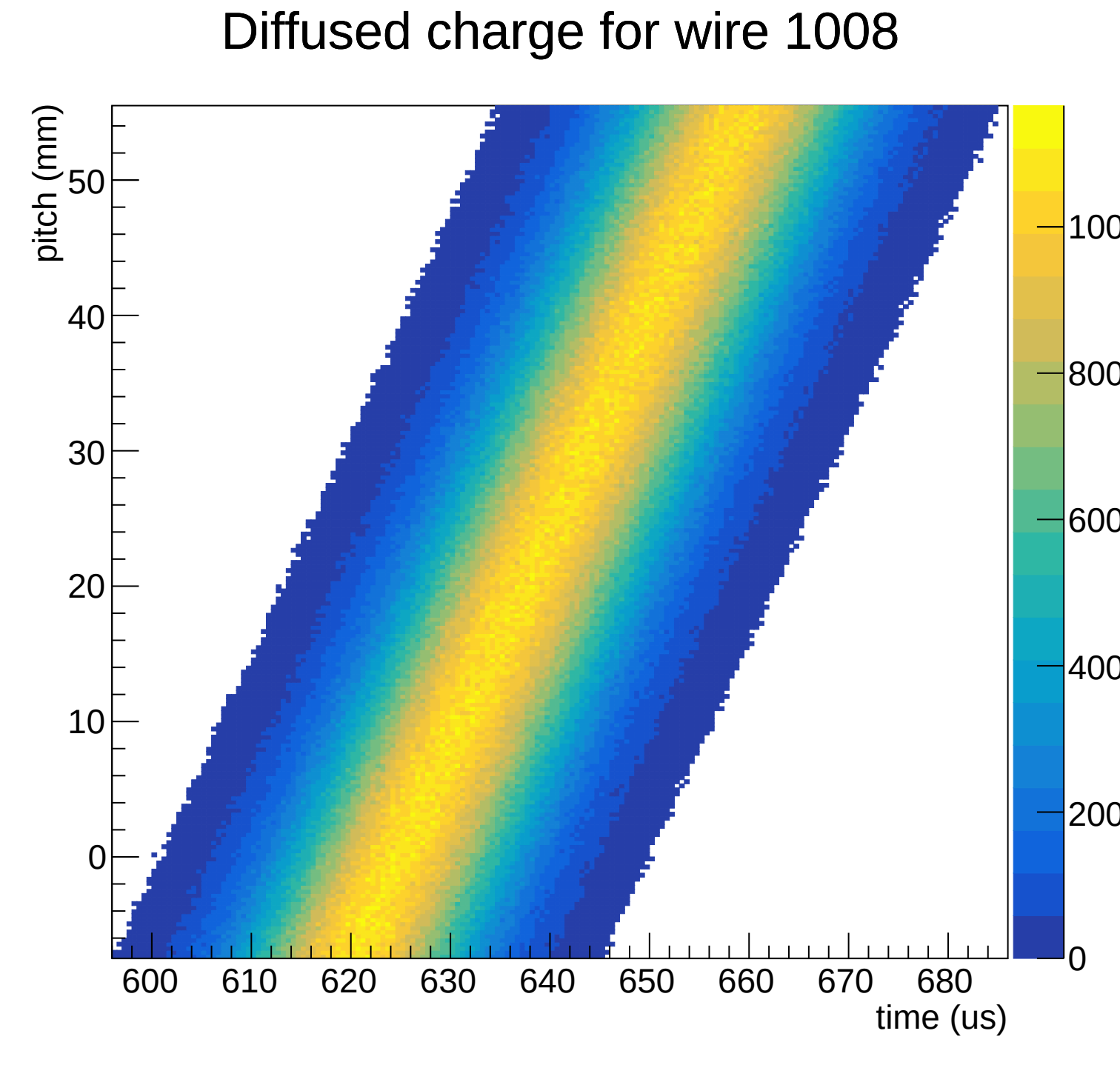

Diffused charge for wire 1003
pitch (mm)
40
30
20
10
0
−10
−20
590
600
610
620
630
640
650
660
670
time (us)
1000
800
600
400
200
0

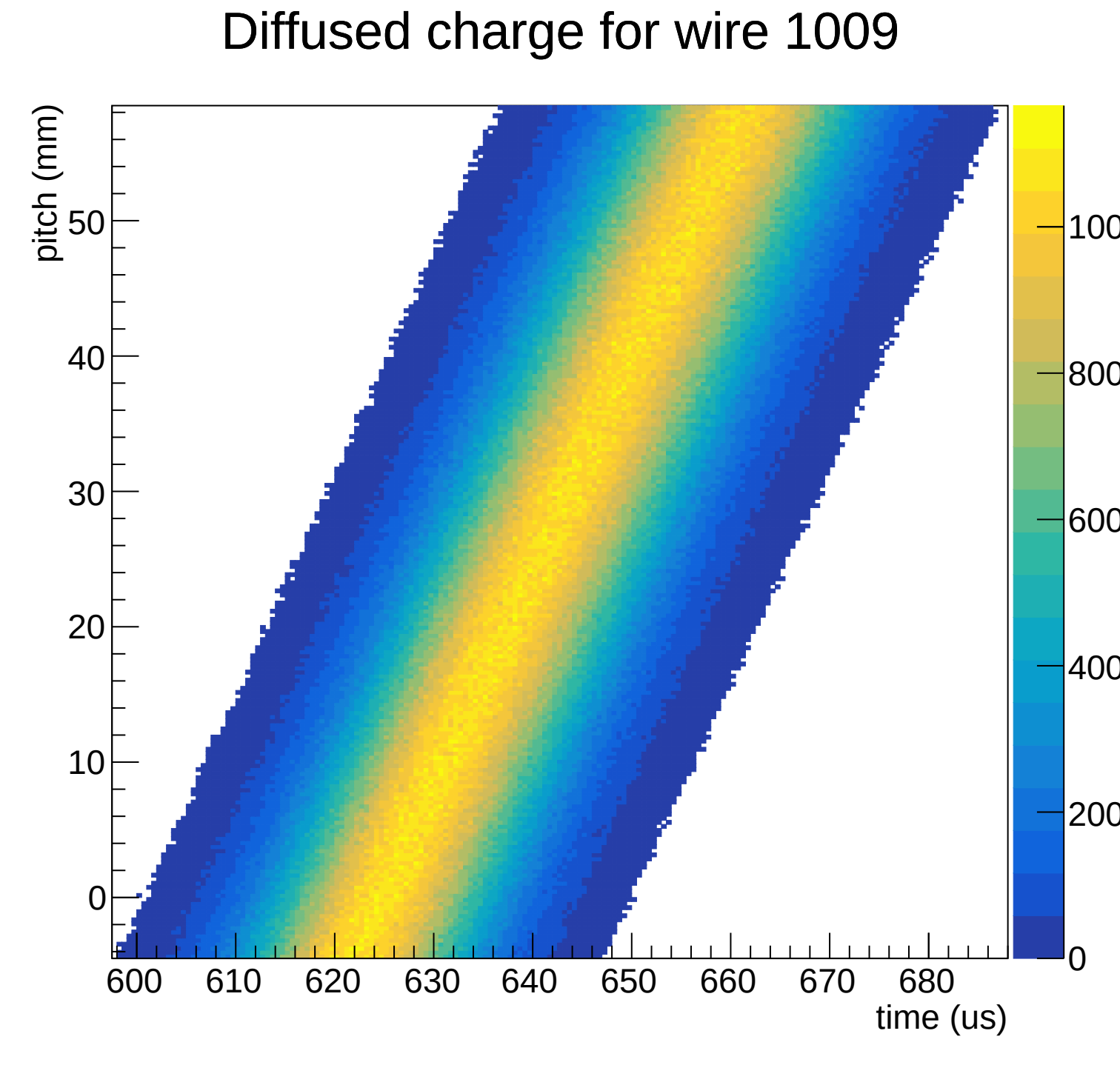

Diffused charge for wire 1004
pitch (mm)
40
30
20
10
0
−10
590
600
610
620
630
640
650
660
670
time (us)
1000
800
600
400
200
0

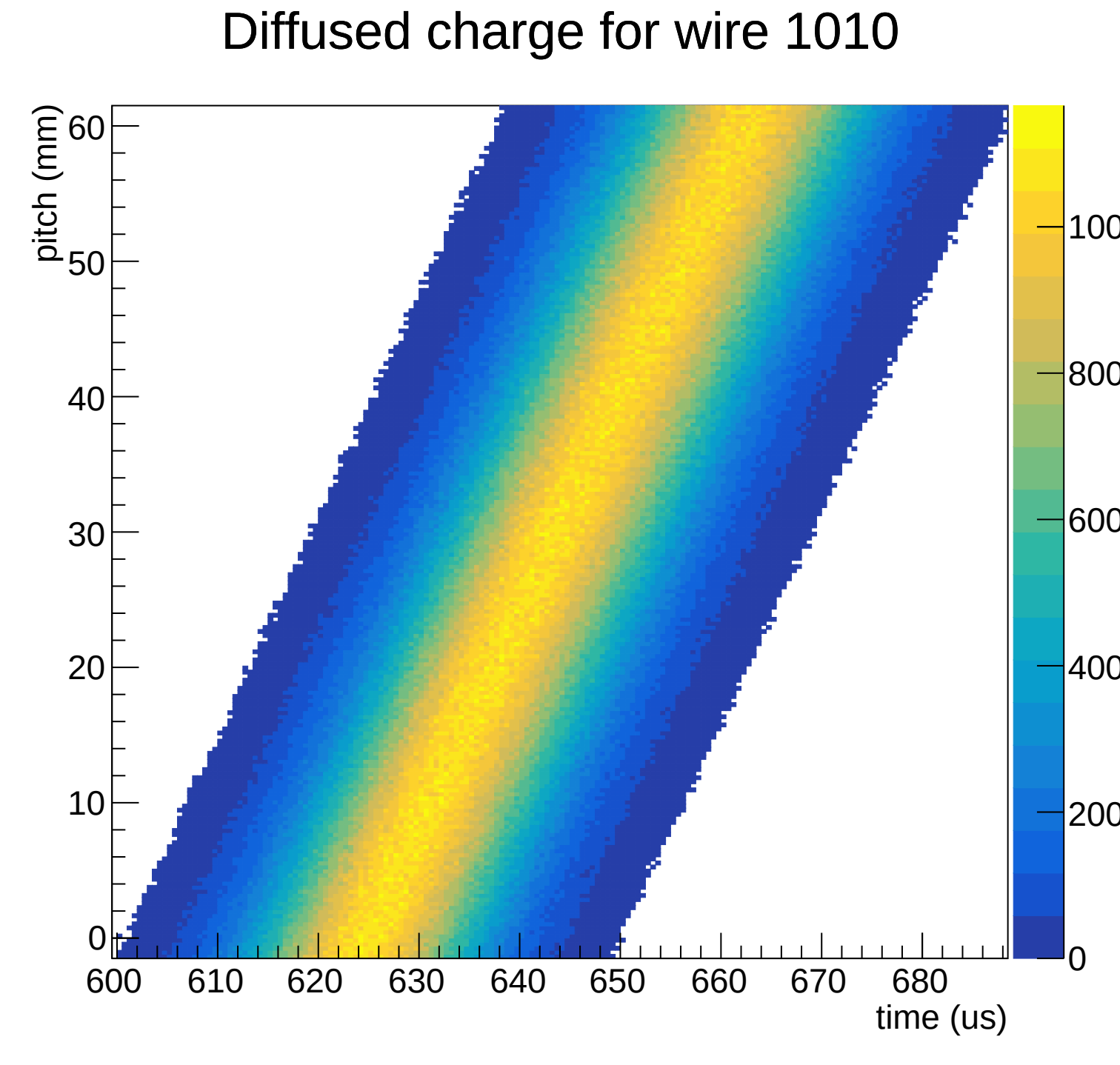

Diffused charge for wire 1005
pitch (mm)
40
30
20
10
0
−10
590
600
610
620
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

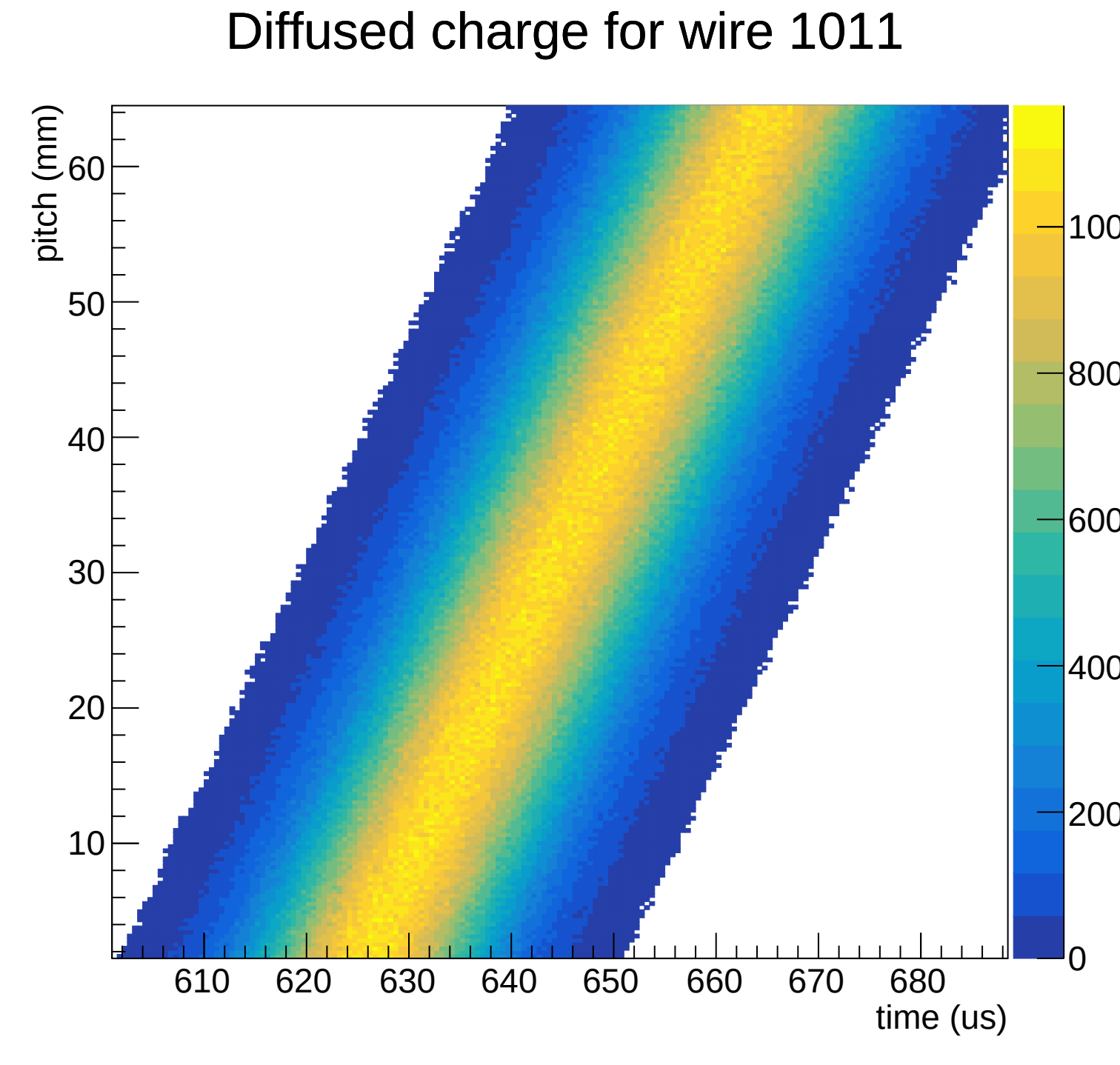

Diffused charge for wire 1006
pitch (mm)
40
30
20
10
0
−10
600
610
620
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

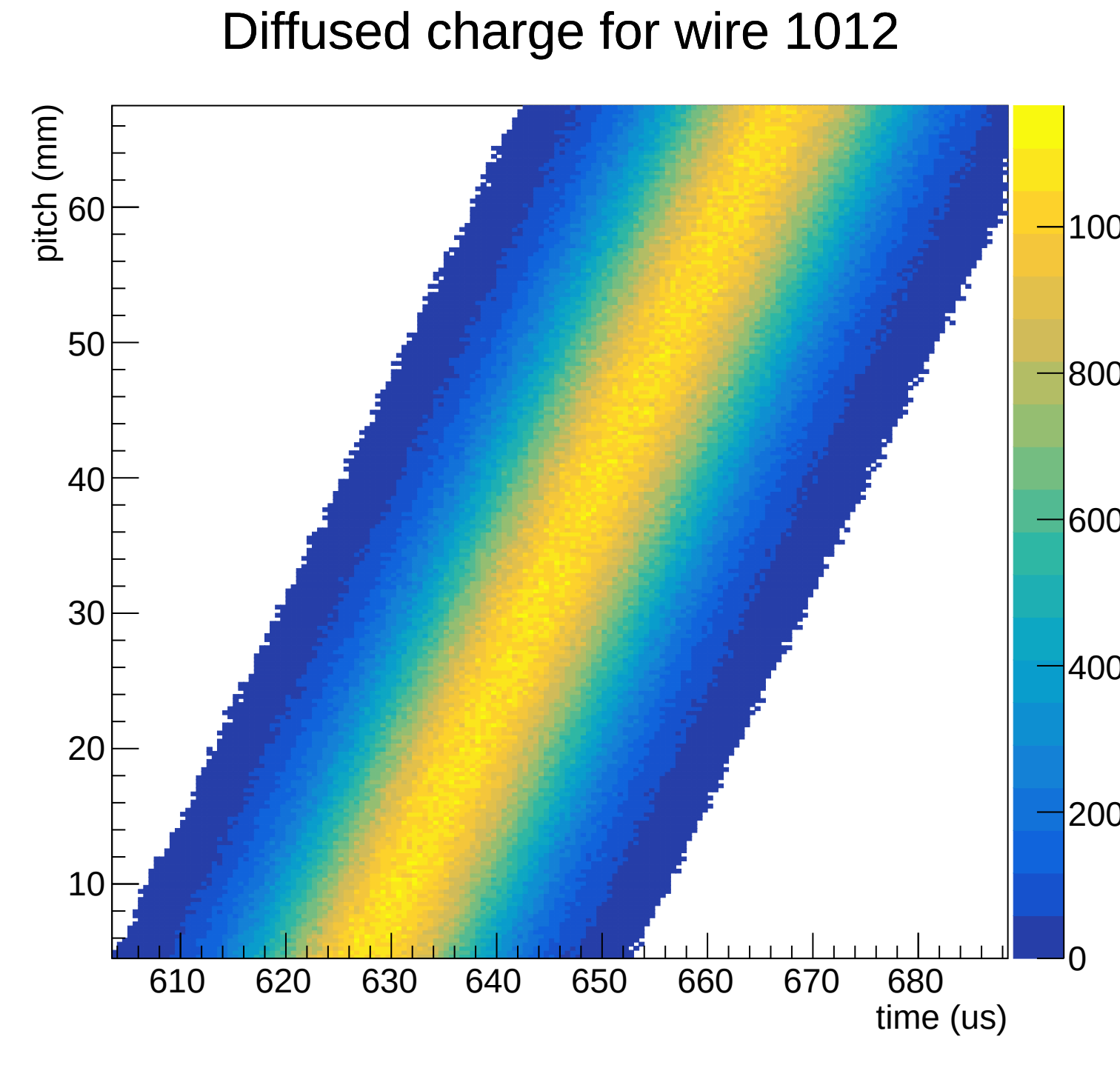

Diffused charge for wire 1007
pitch (mm)
50
40
30
20
10
0
−10
600
610
620
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

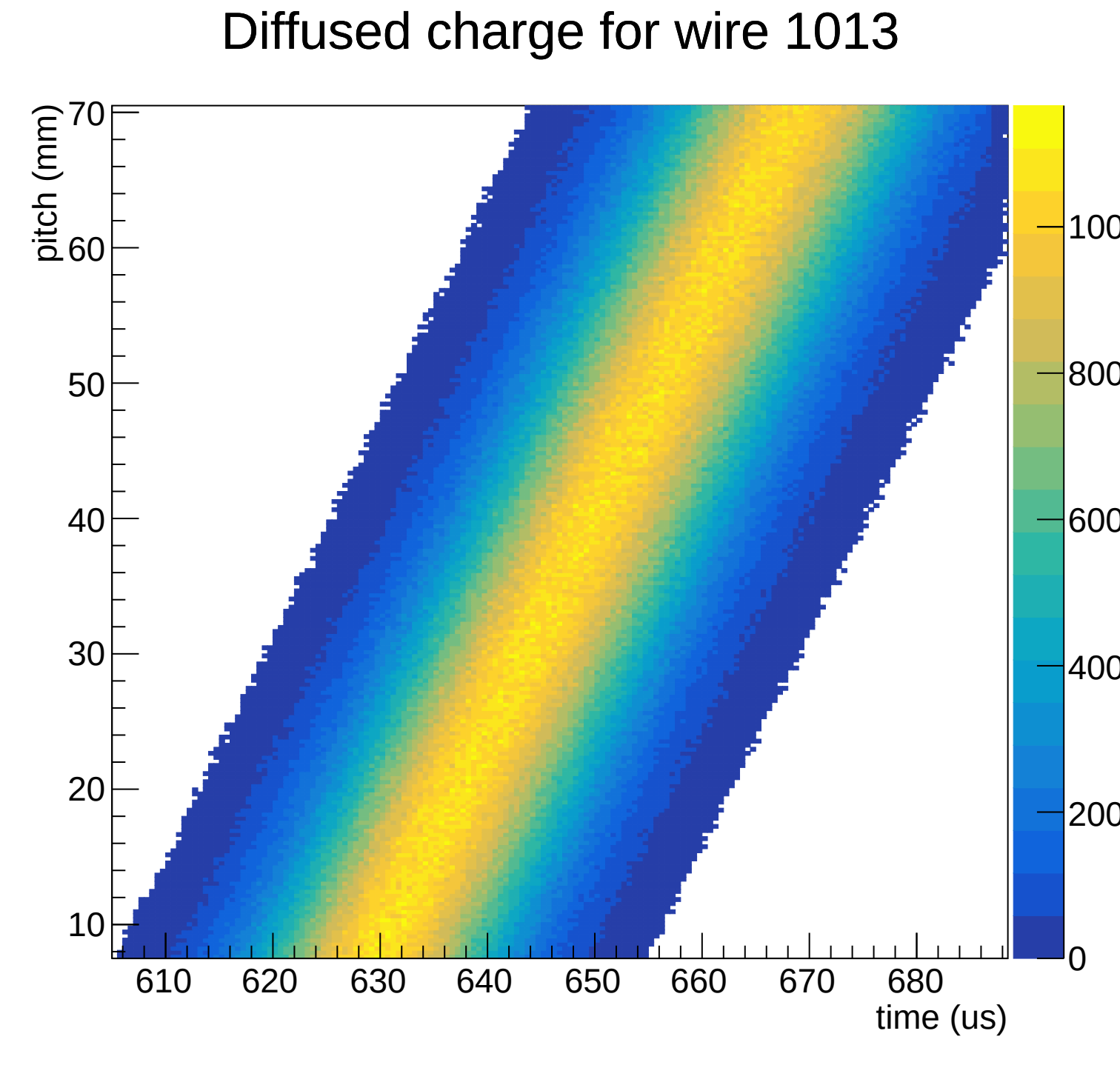

Diffused charge for wire 1008
pitch (mm)
50
40
30
20
10
0
600
610
620
630
640
650
660
670
680
time (us)
100
800
600
400
200
0

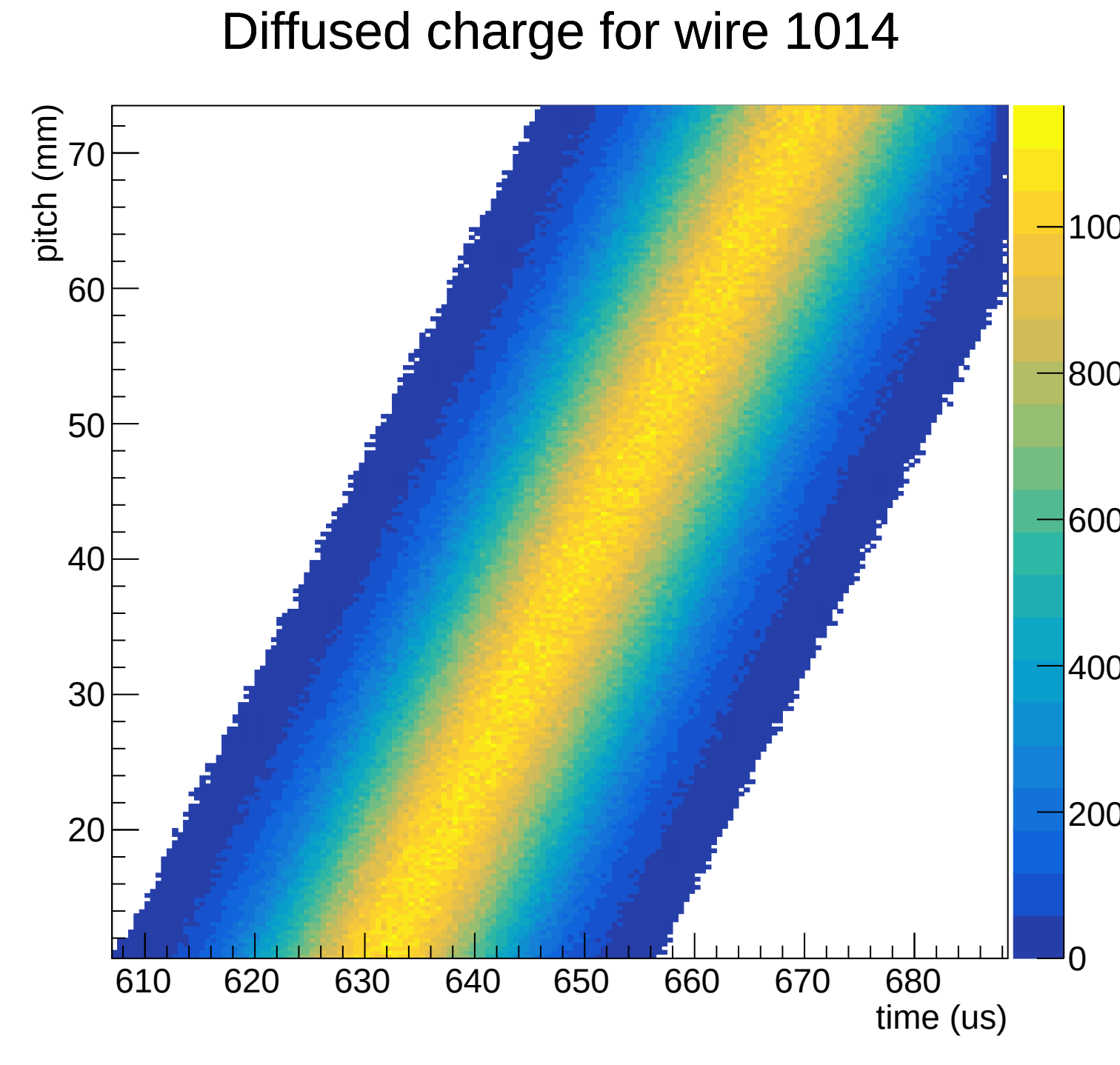

Diffused charge for wire 1009
pitch (mm)
50
40
30
20
10
0
600
610
620
630
640
650
660
670
680
time (us)
100
800
600
400
200
0

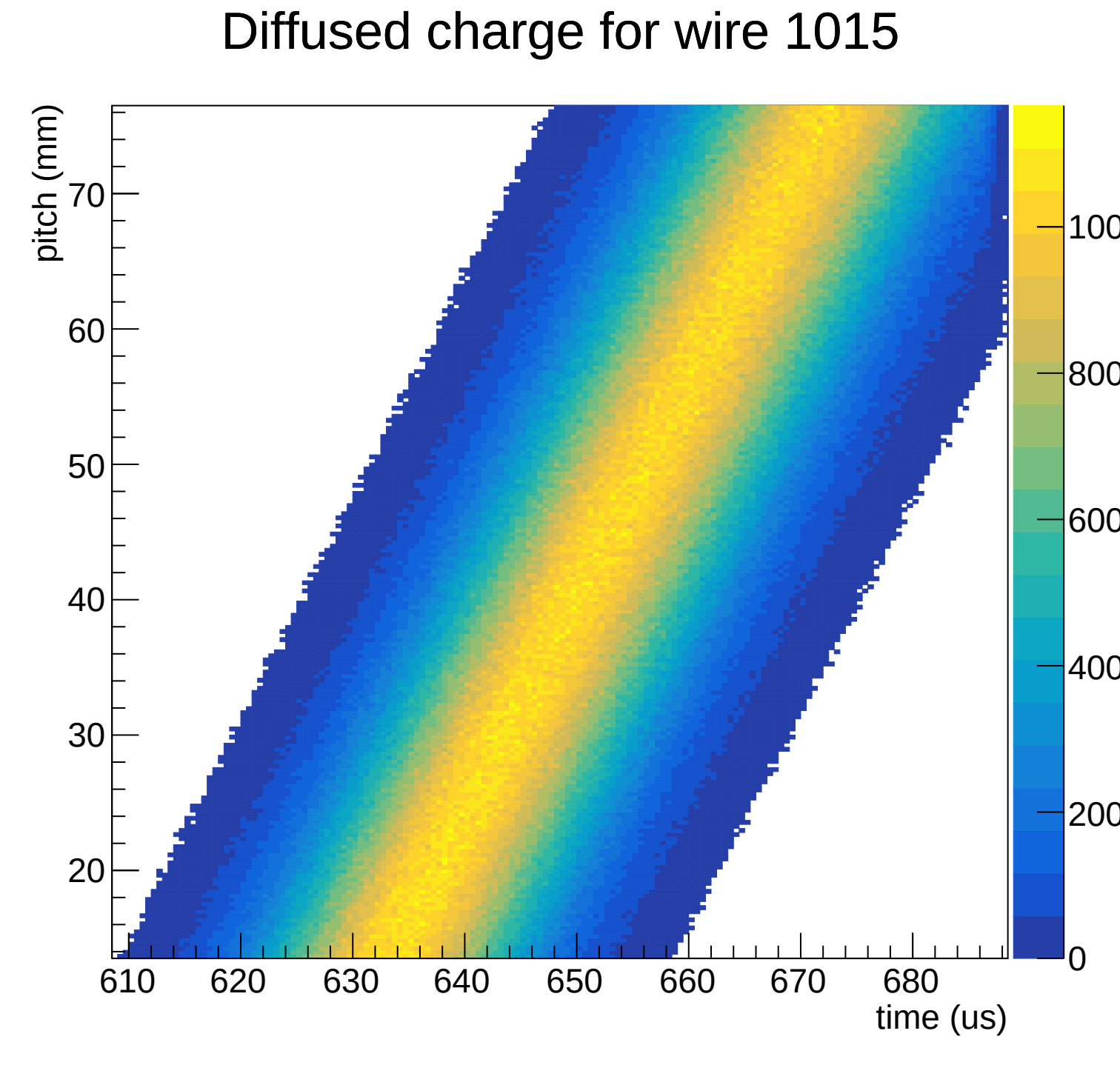

Diffused charge for wire 1010
pitch (mm)
0
10
20
30
40
50
60
600
610
620
630
640
650
660
670
680
time (us)
0
200
400
600
800
100

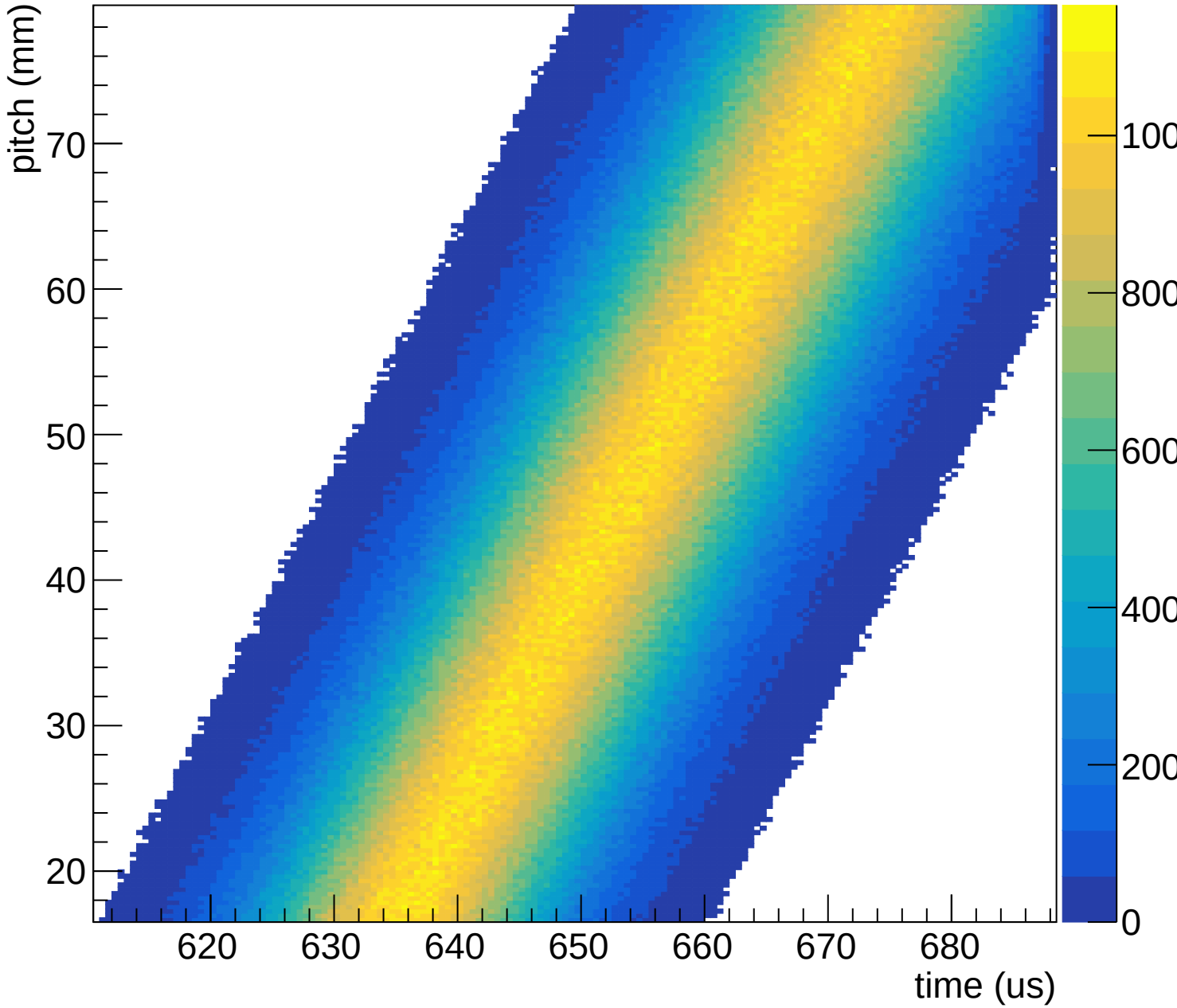

Diffused charge for wire 1011
pitch (mm)
60
50
40
30
20
10
610
620
630
640
650
660
670
680
time (us)
100
800
600
400
200
0

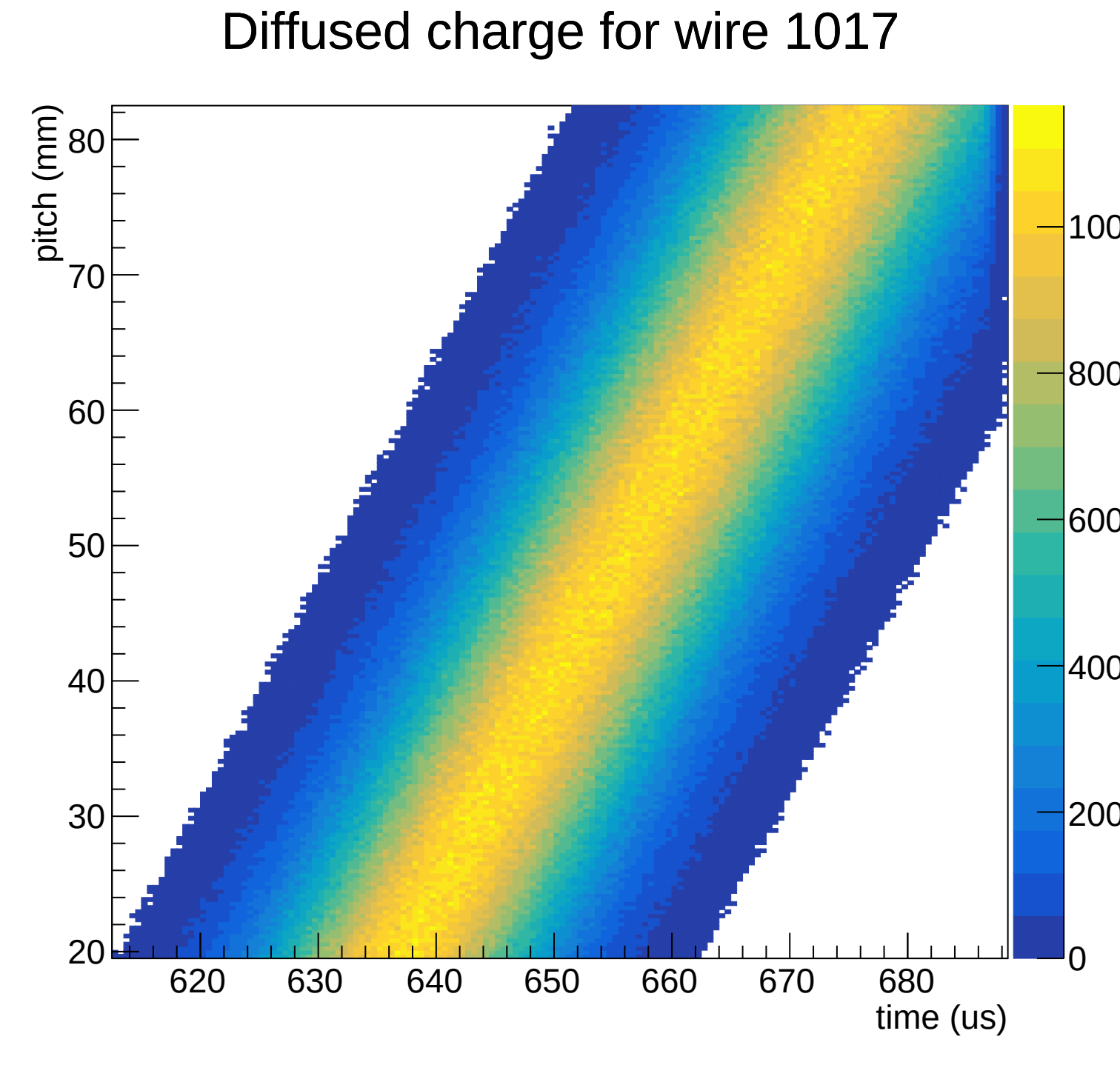

Diffused charge for wire 1012
pitch (mm)
10
20
30
40
50
60
610
620
630
640
650
660
670
680
time (us)
0
200
400
600
800
100

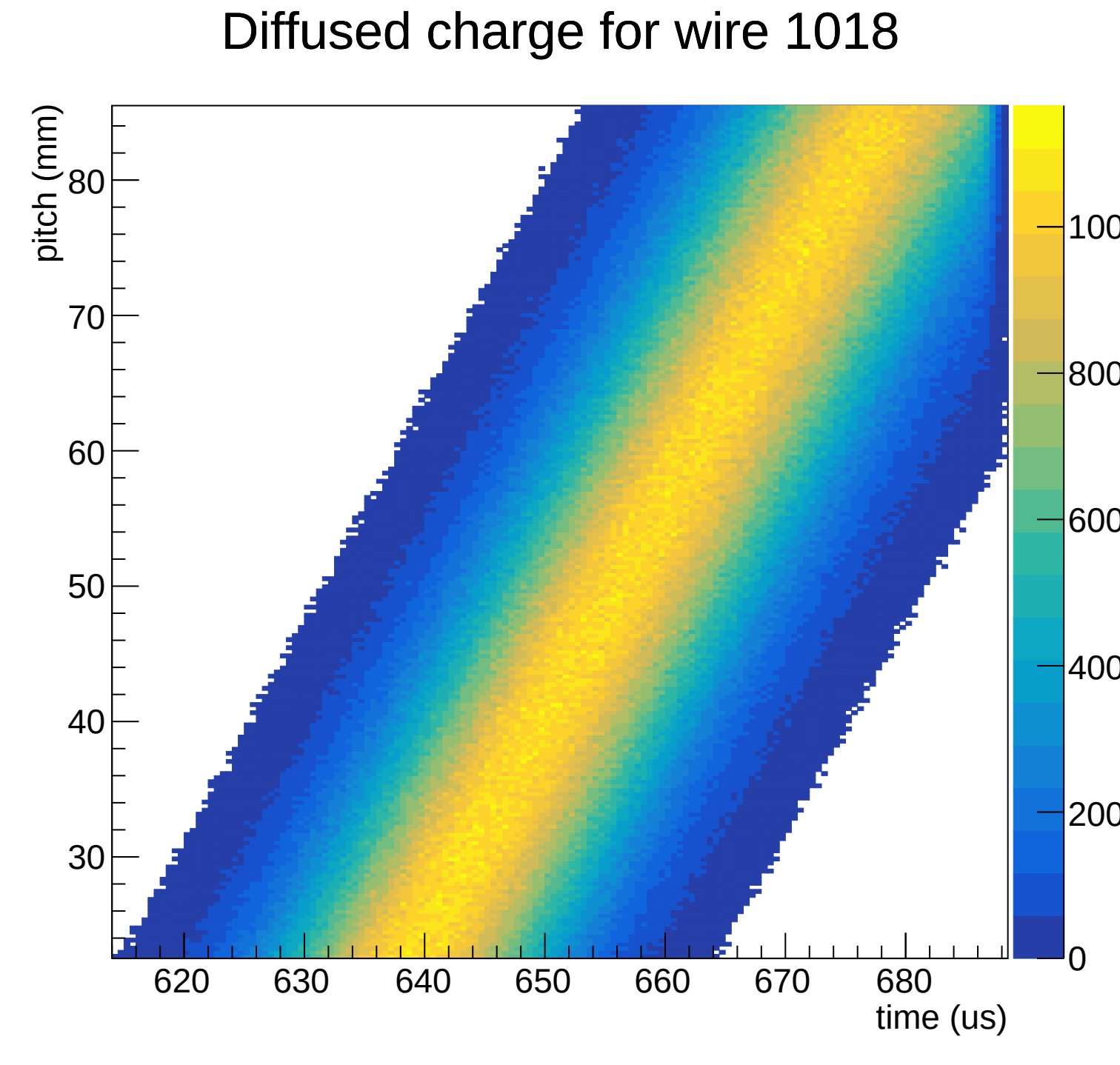

Diffused charge for wire 1013
pitch (mm)
70
60
50
40
30
20
10
610
620
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

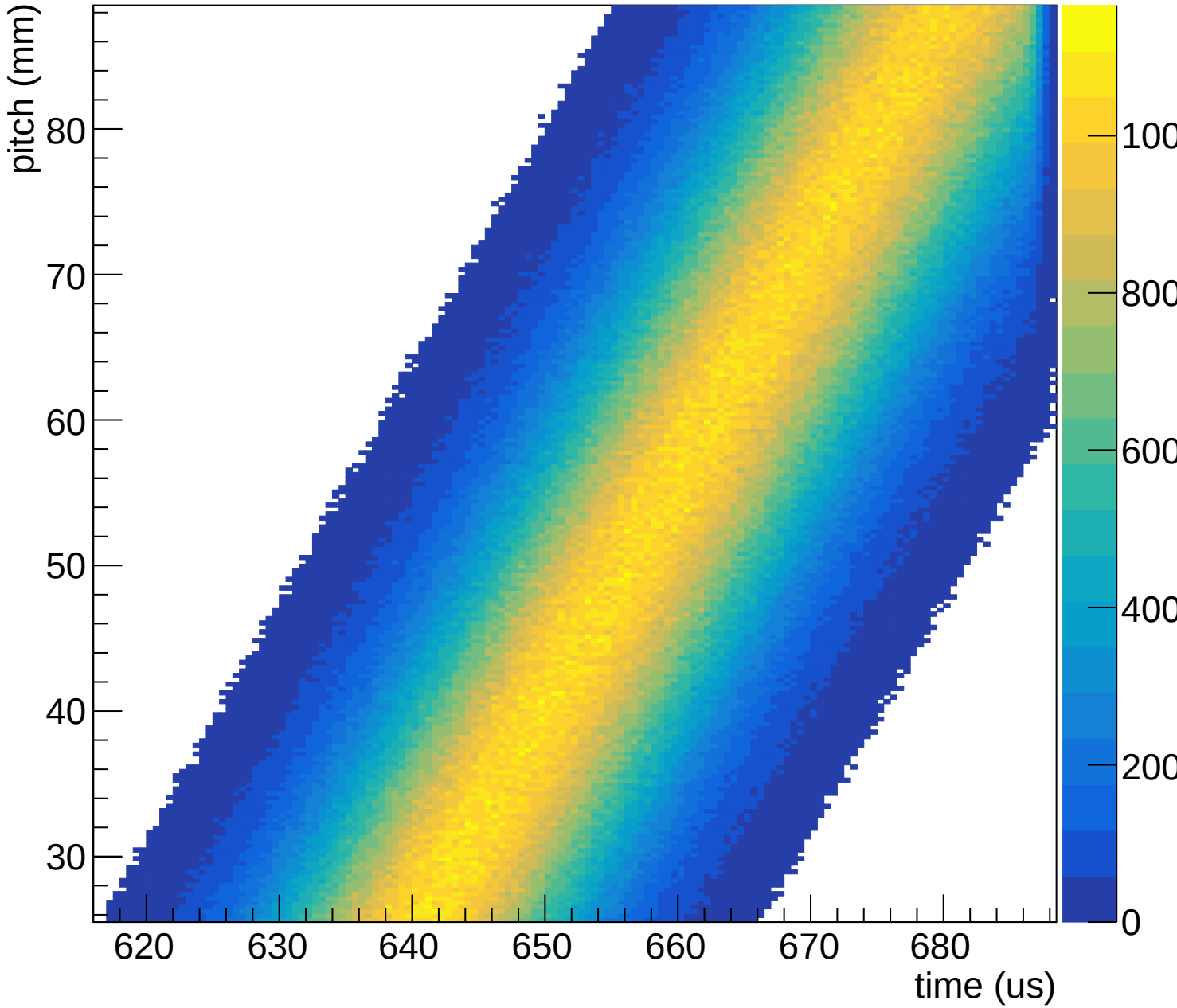

Diffused charge for wire 1014
pitch (mm)
70
60
50
40
30
20
610
620
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

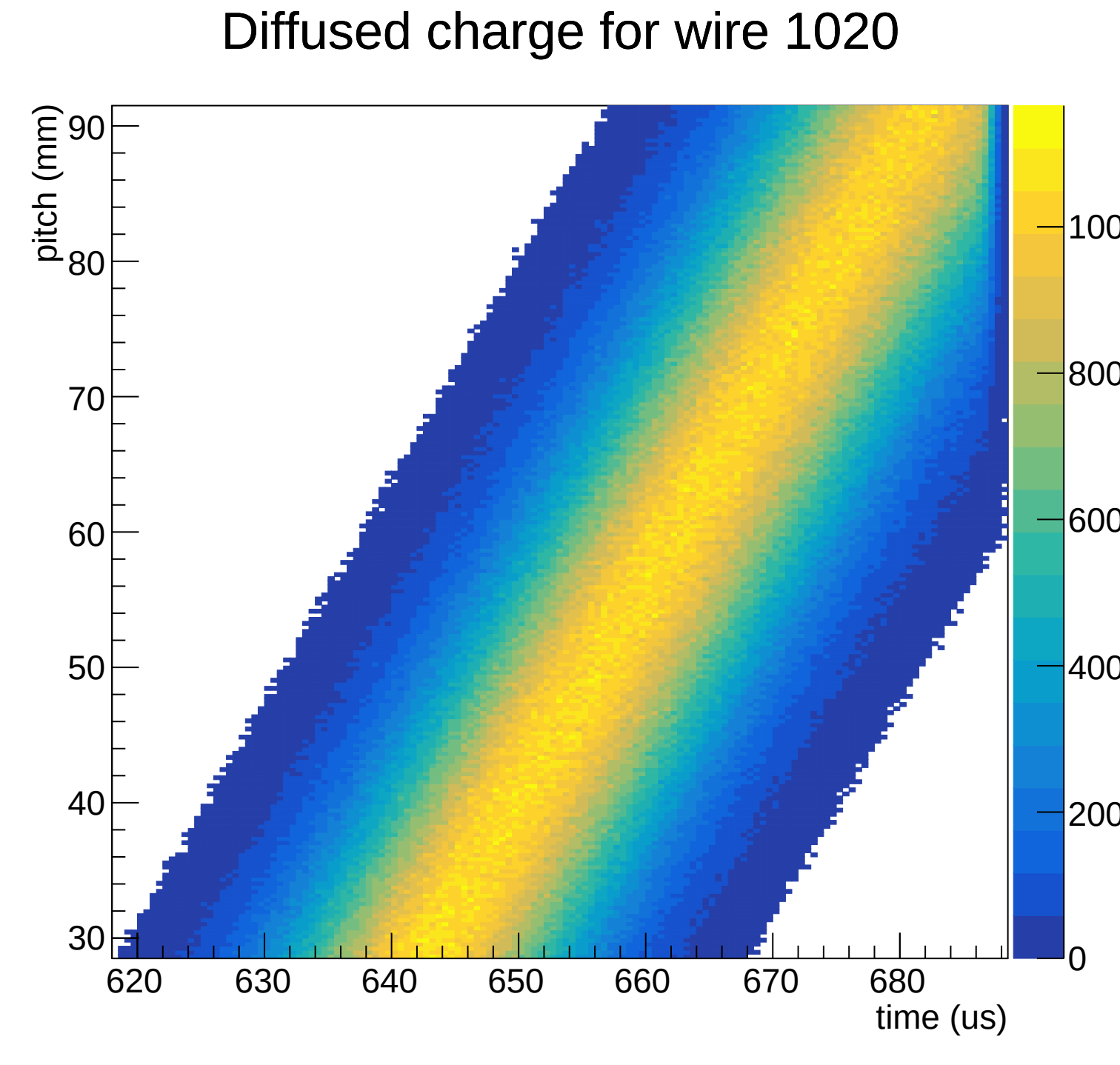

Diffused charge for wire 1015
pitch (mm)
70
60
50
40
30
20
610
620
630
640
650
660
670
680
time (us)
100
800
600
400
200
0

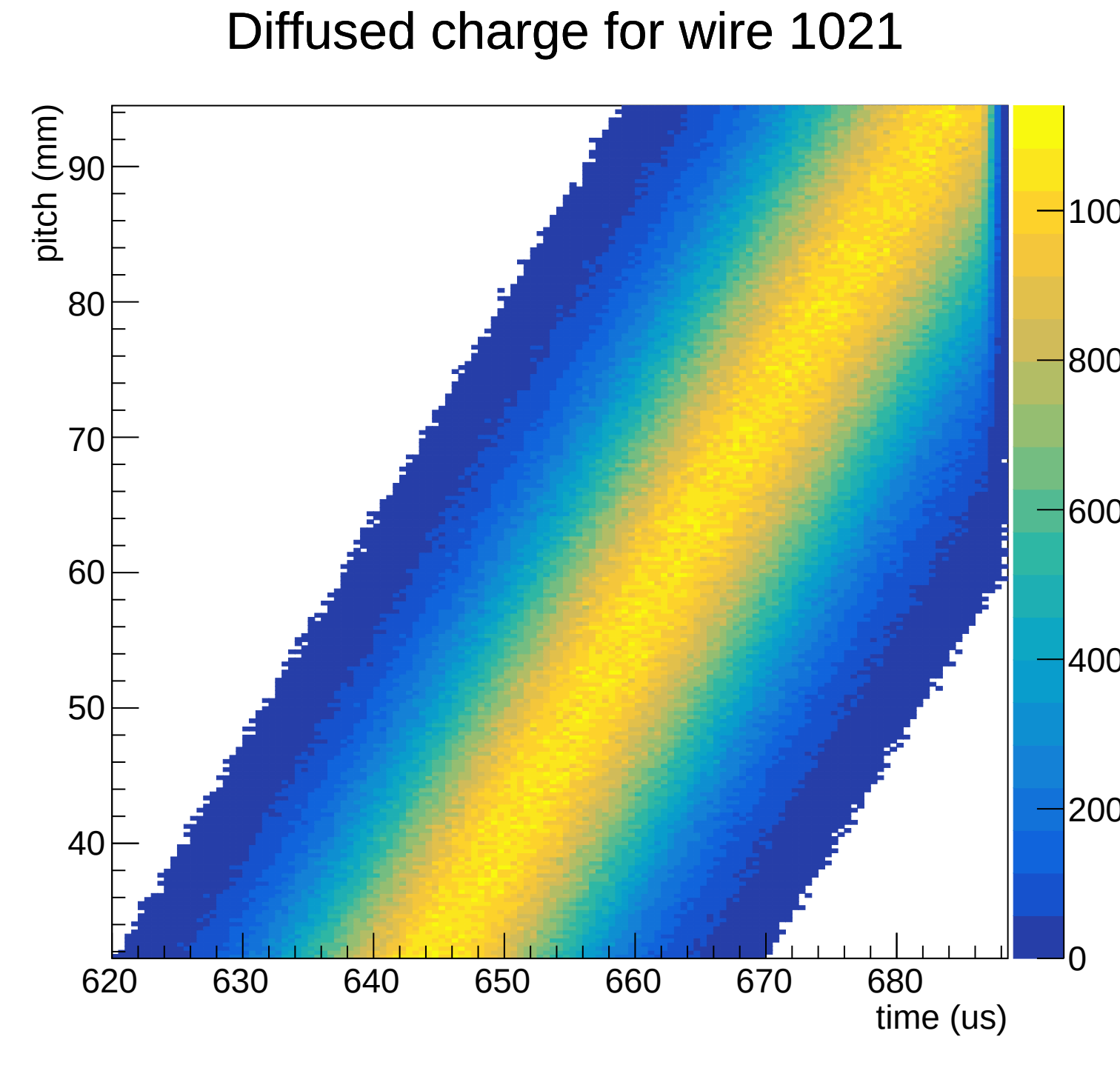

Diffused charge for wire 1016
pitch (mm)
70
60
50
40
30
20
620
630
640
650
660
670
680
time (us)
100
800
600
400
200
0

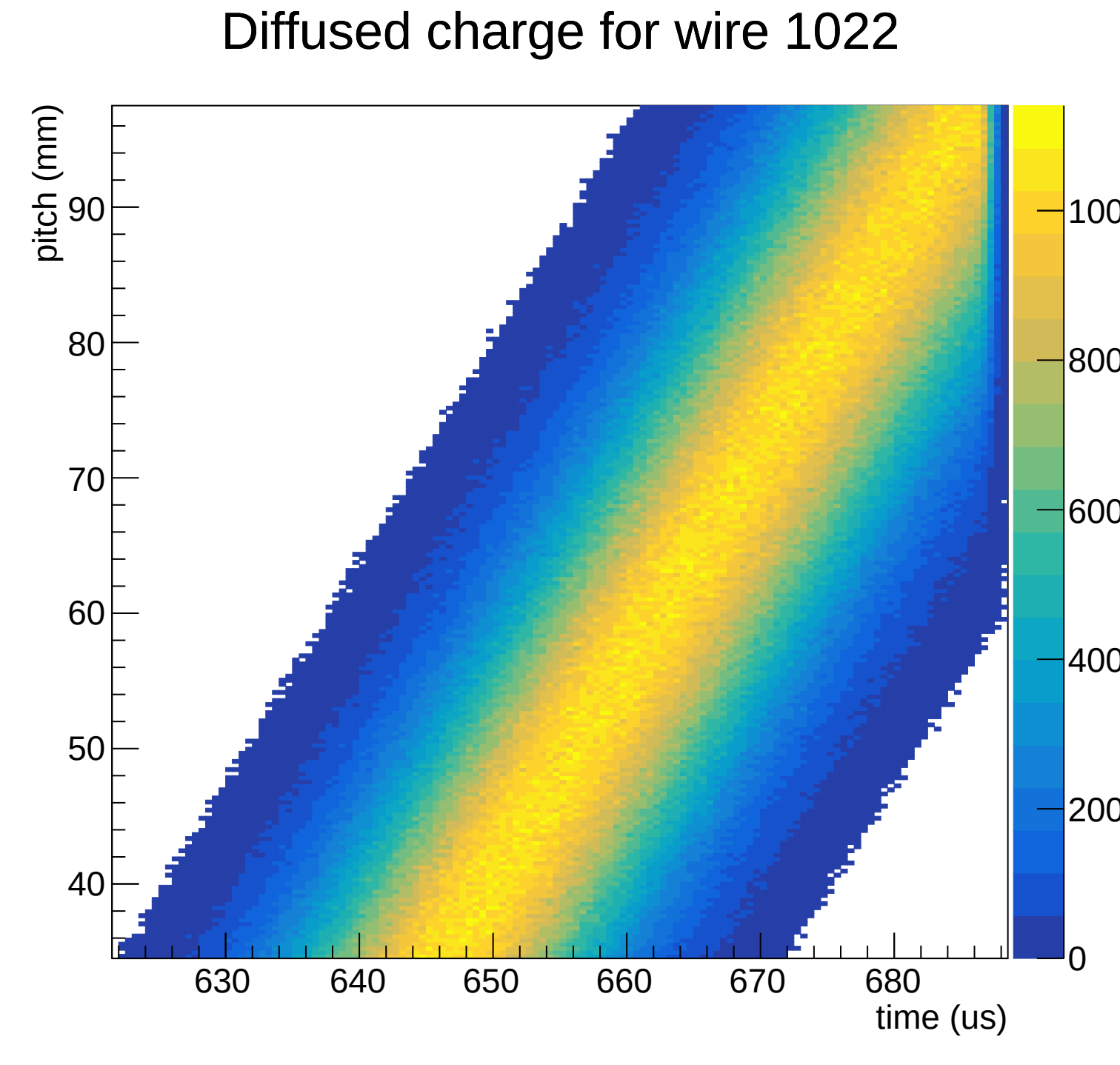

Diffused charge for wire 1017
pitch (mm)
80
70
60
50
40
30
20
620
630
640
650
660
670
680
time (us)
100
800
600
400
200
0

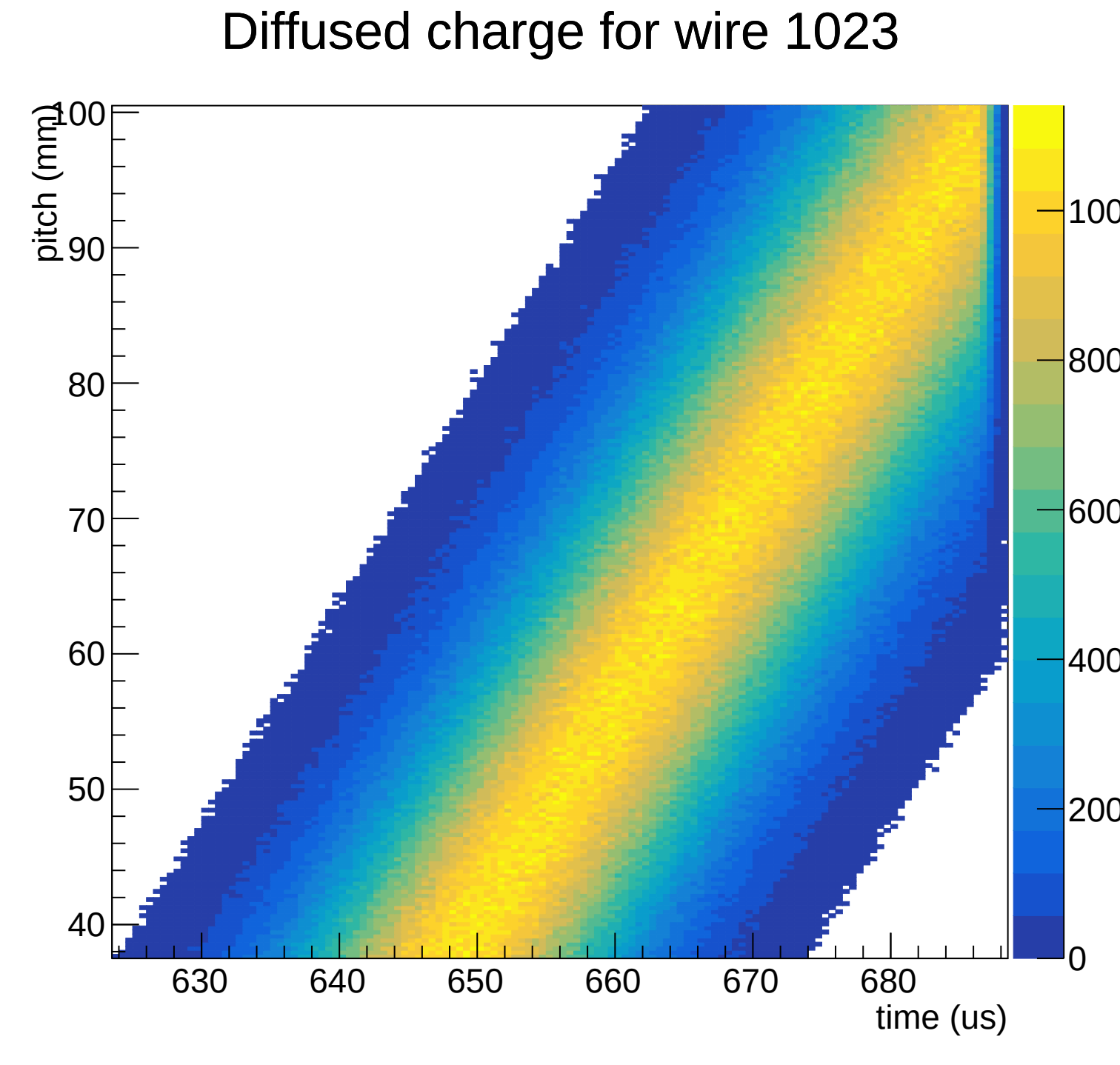

Diffused charge for wire 1018
pitch (mm)
80
70
60
50
40
30
620
630
640
650
660
670
680
time (us)
100
800
600
400
200
0

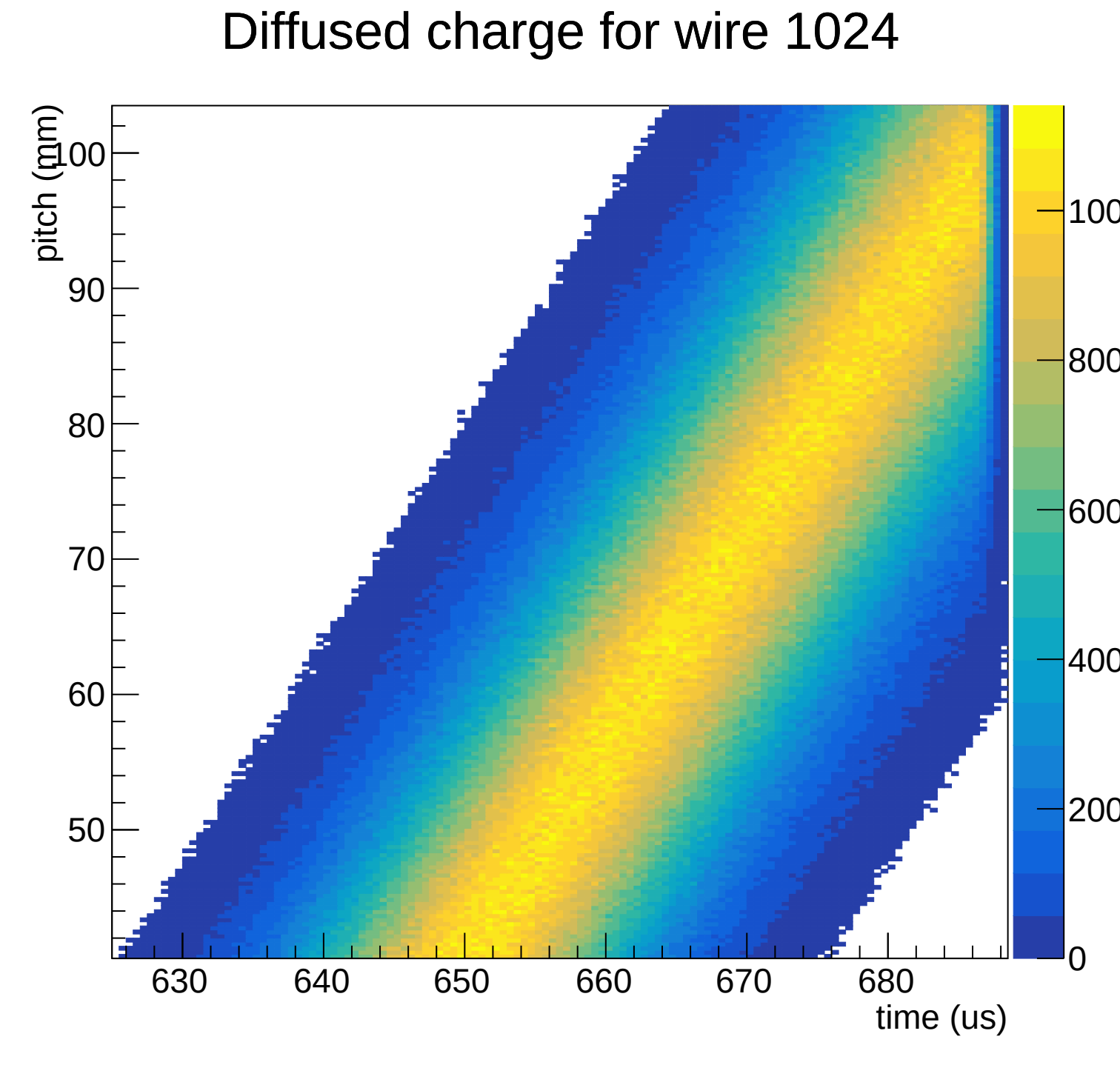

Diffused charge for wire 1019
pitch (mm)
80
70
60
50
40
30
620
630
640
650
660
670
680
time (us)
100
800
600
400
200
0

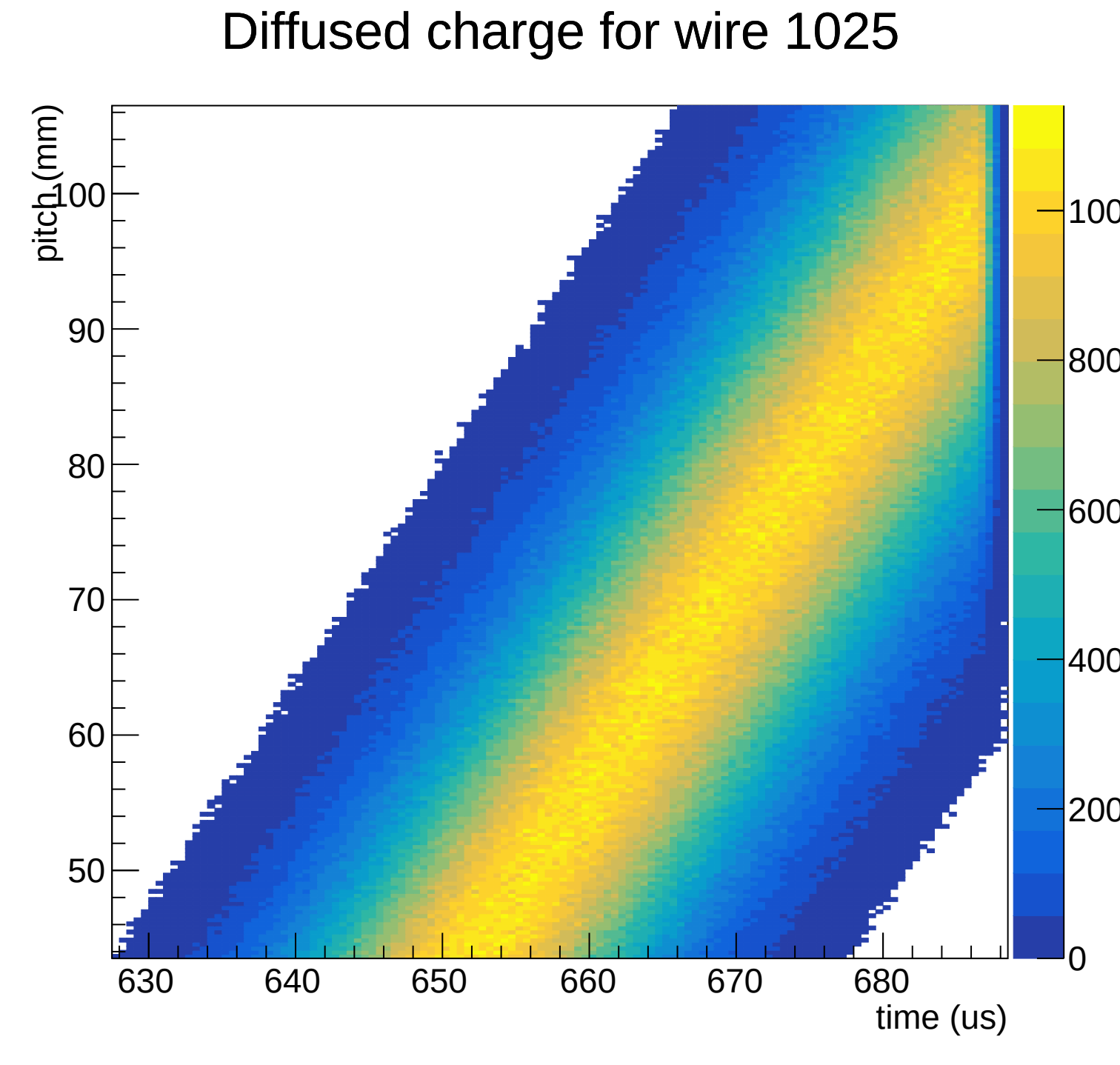

Diffused charge for wire 1020
pitch (mm)
90
80
70
60
50
40
30
620
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

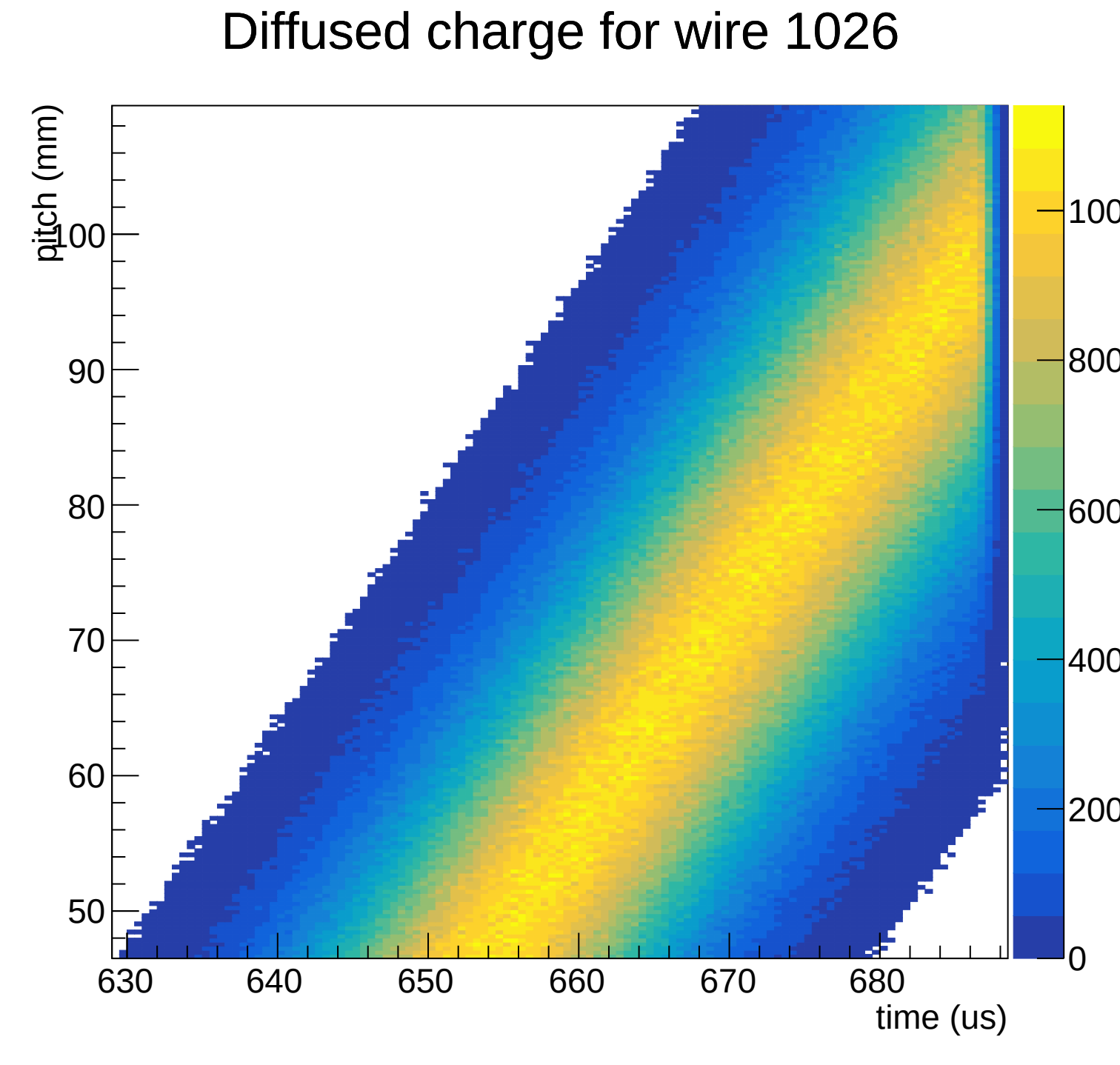

Diffused charge for wire 1021
pitch (mm)
90
80
70
60
50
40
620
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

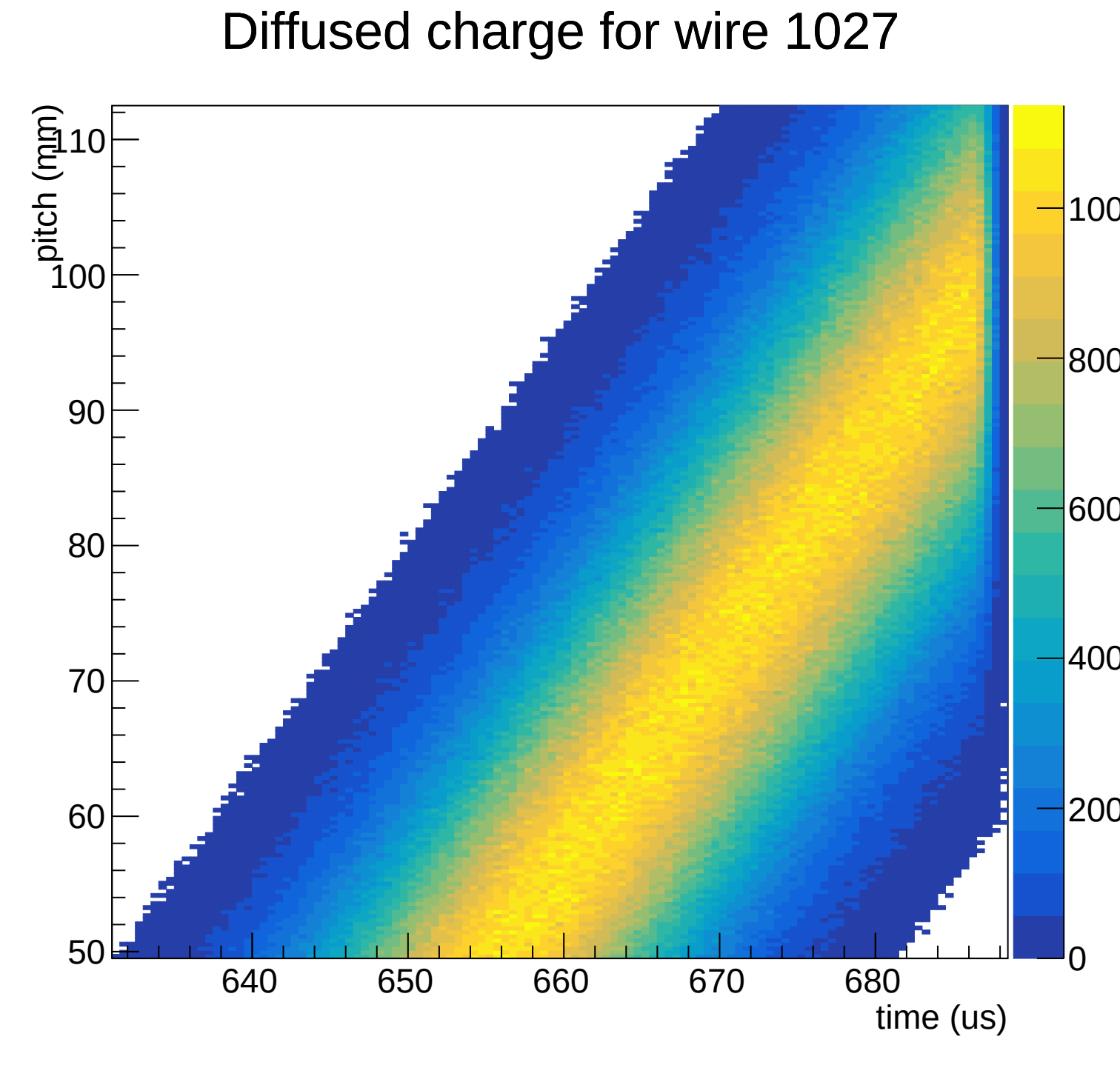

Diffused charge for wire 1022
pitch (mm)
90
80
70
60
50
40
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

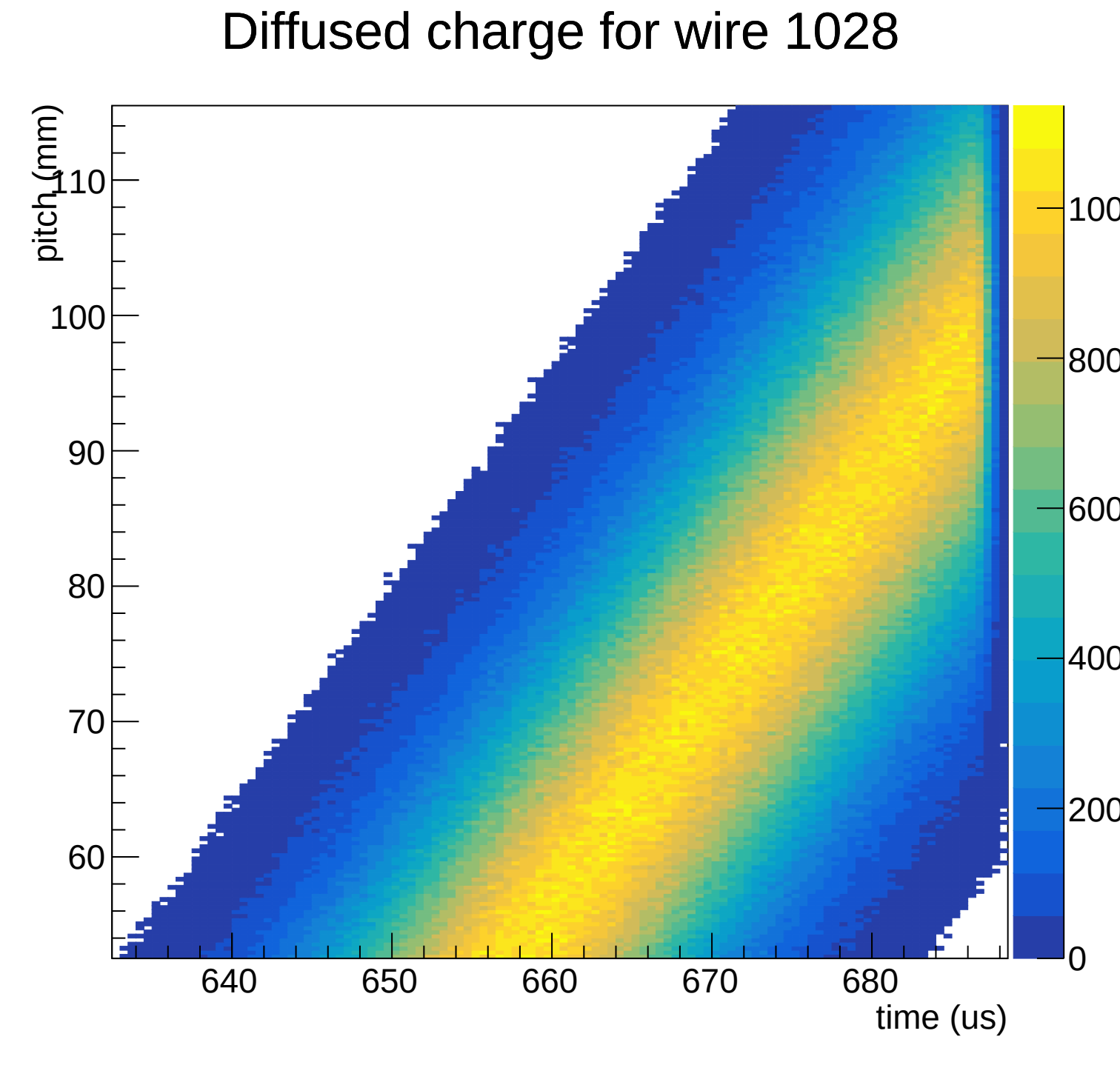

Diffused charge for wire 1023
pitch (mm)
100
90
80
70
60
50
40
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

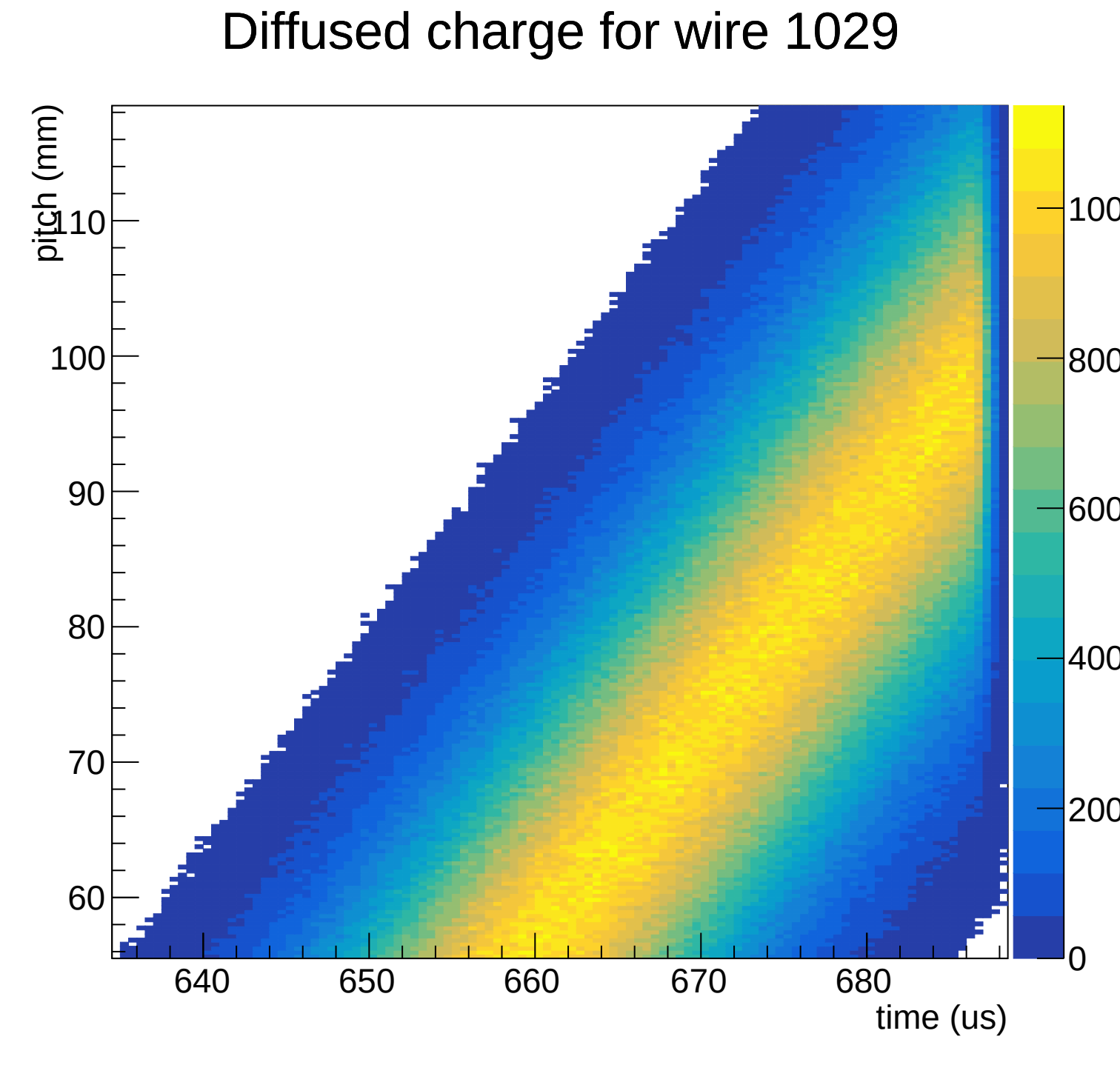

Diffused charge for wire 1024
pitch (mm)
100
90
80
70
60
50
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

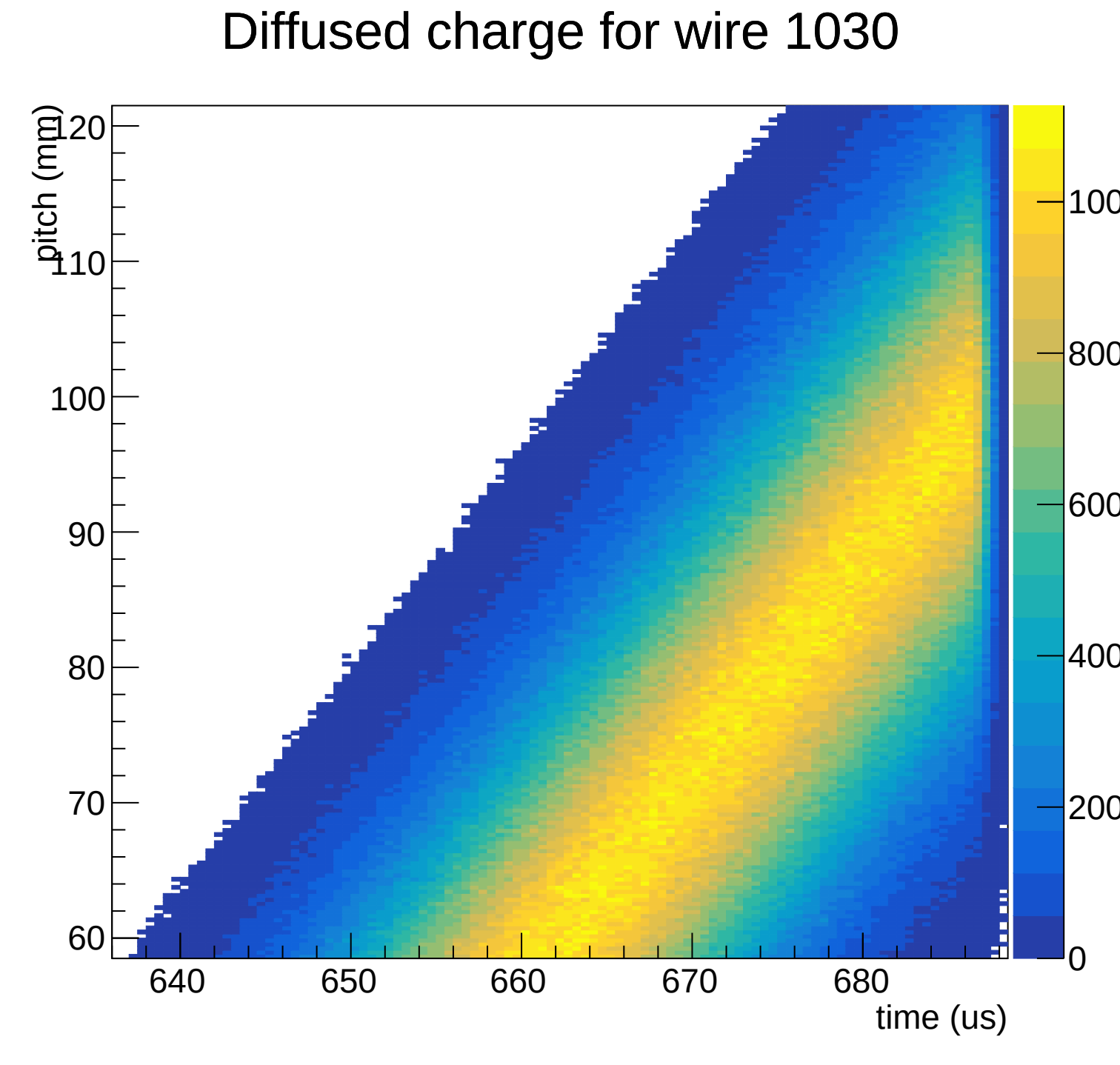

Diffused charge for wire 1025
pitch (mm)
100
90
80
70
60
50
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

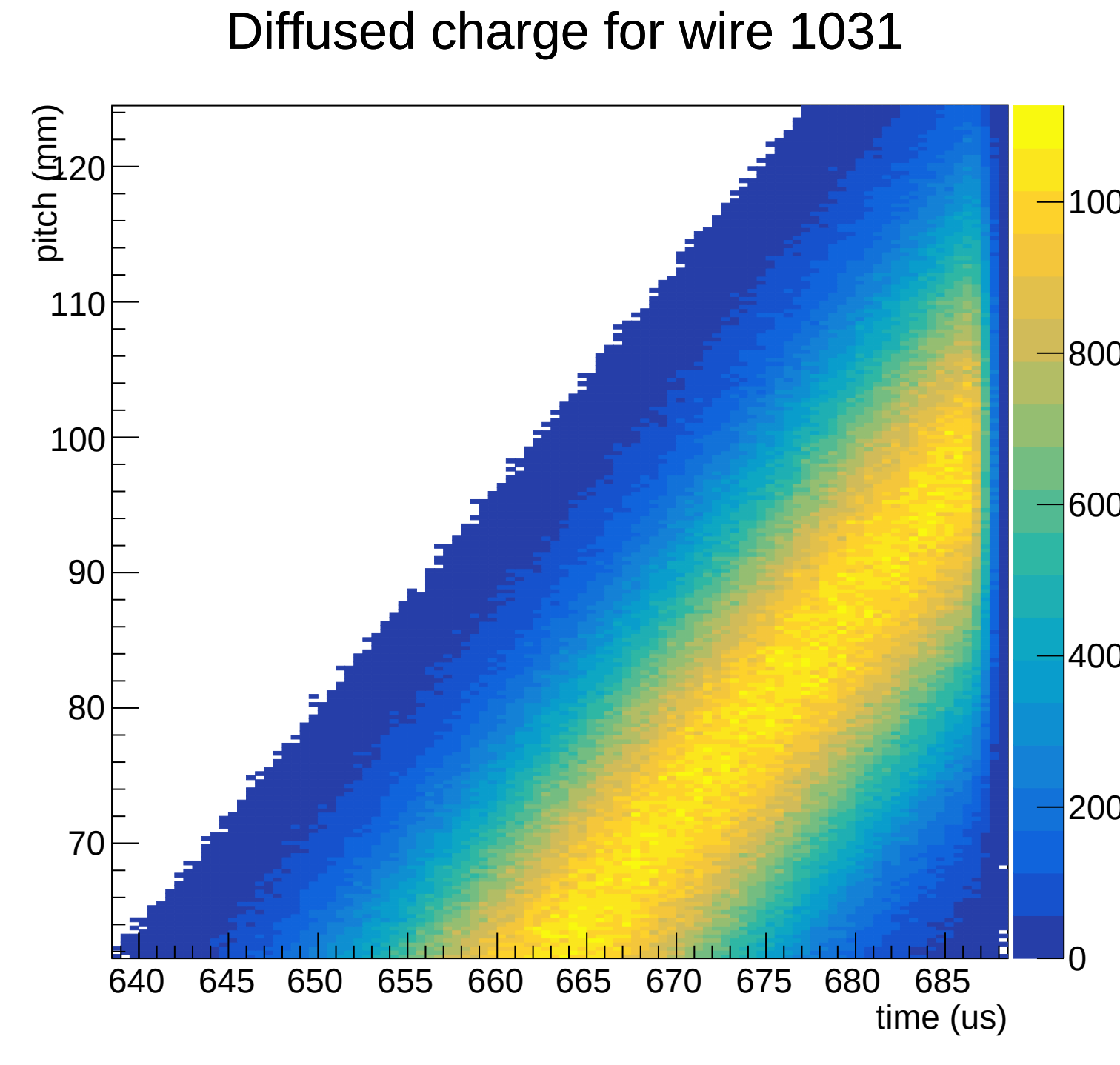

Diffused charge for wire 1026
pitch (mm)
100
90
80
70
60
50
630
640
650
660
670
680
time (us)
1000
800
600
400
200
0

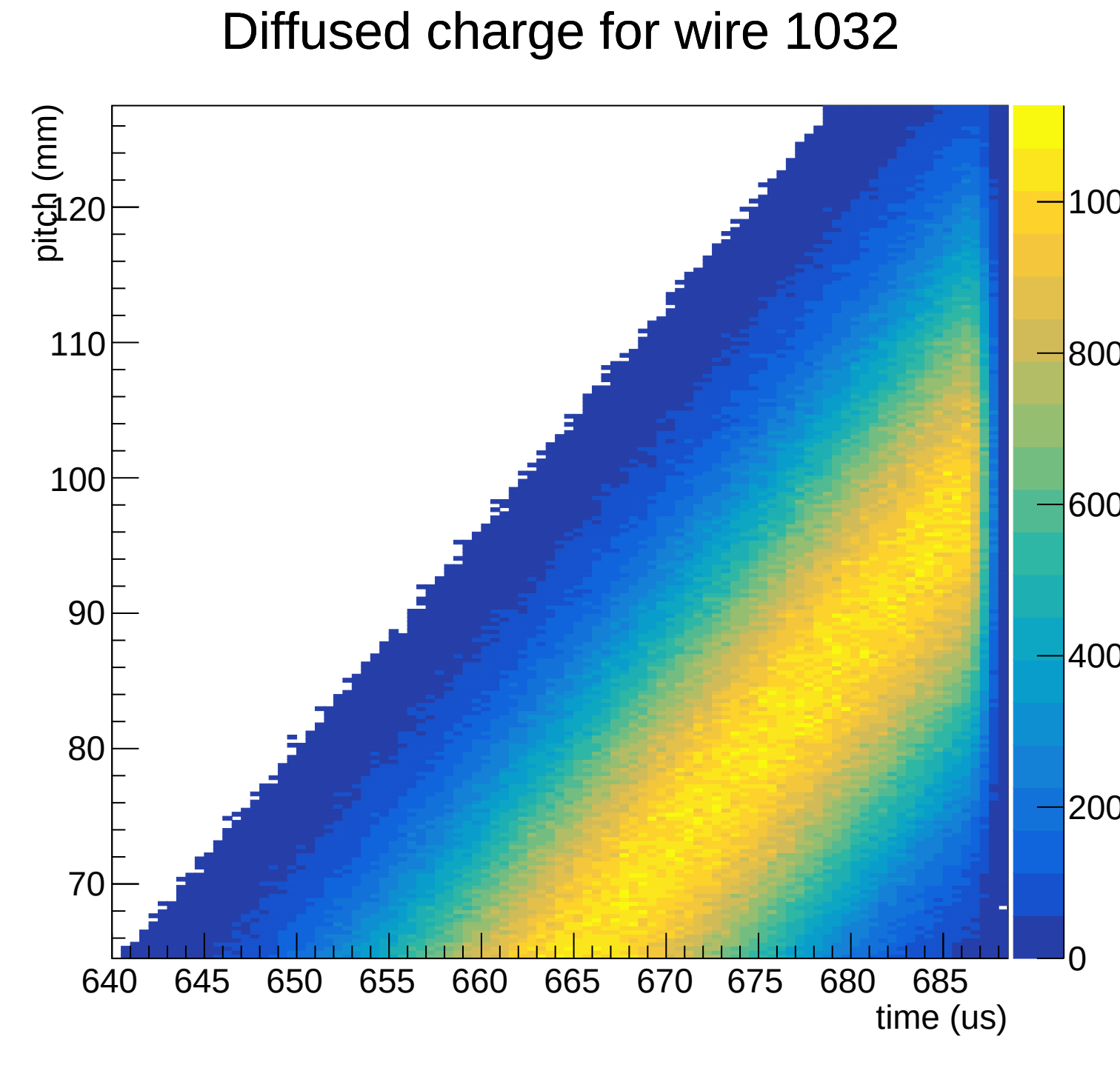

Diffused charge for wire 1027
pitch (mm)
110
100
90
80
70
60
50
640
650
660
670
680
time (us)
1000
800
600
400
200
0

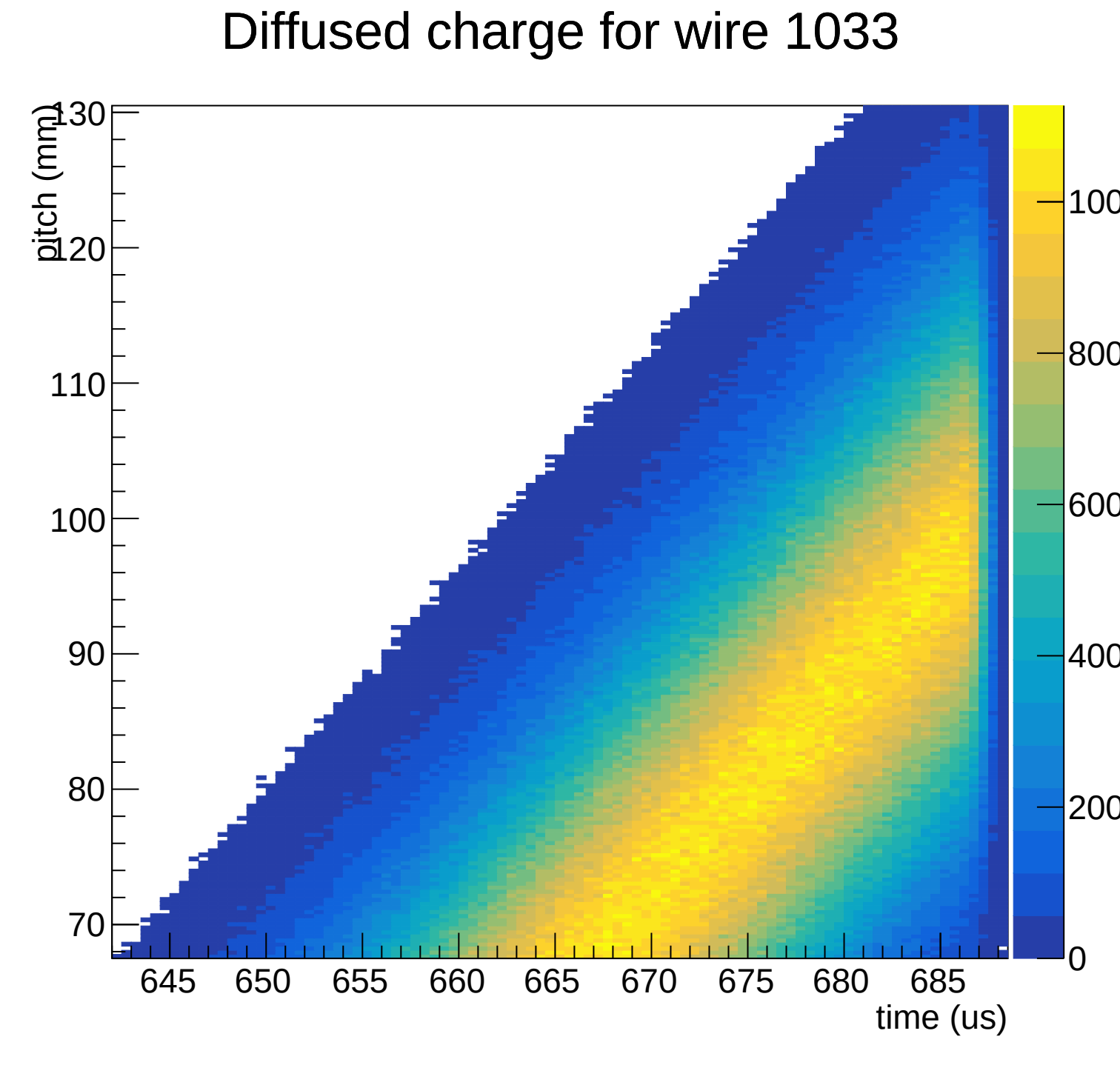

Diffused charge for wire 1028
pitch (mm)
110
100
90
80
70
60
640
650
660
670
680
time (us)
1000
800
600
400
200
0

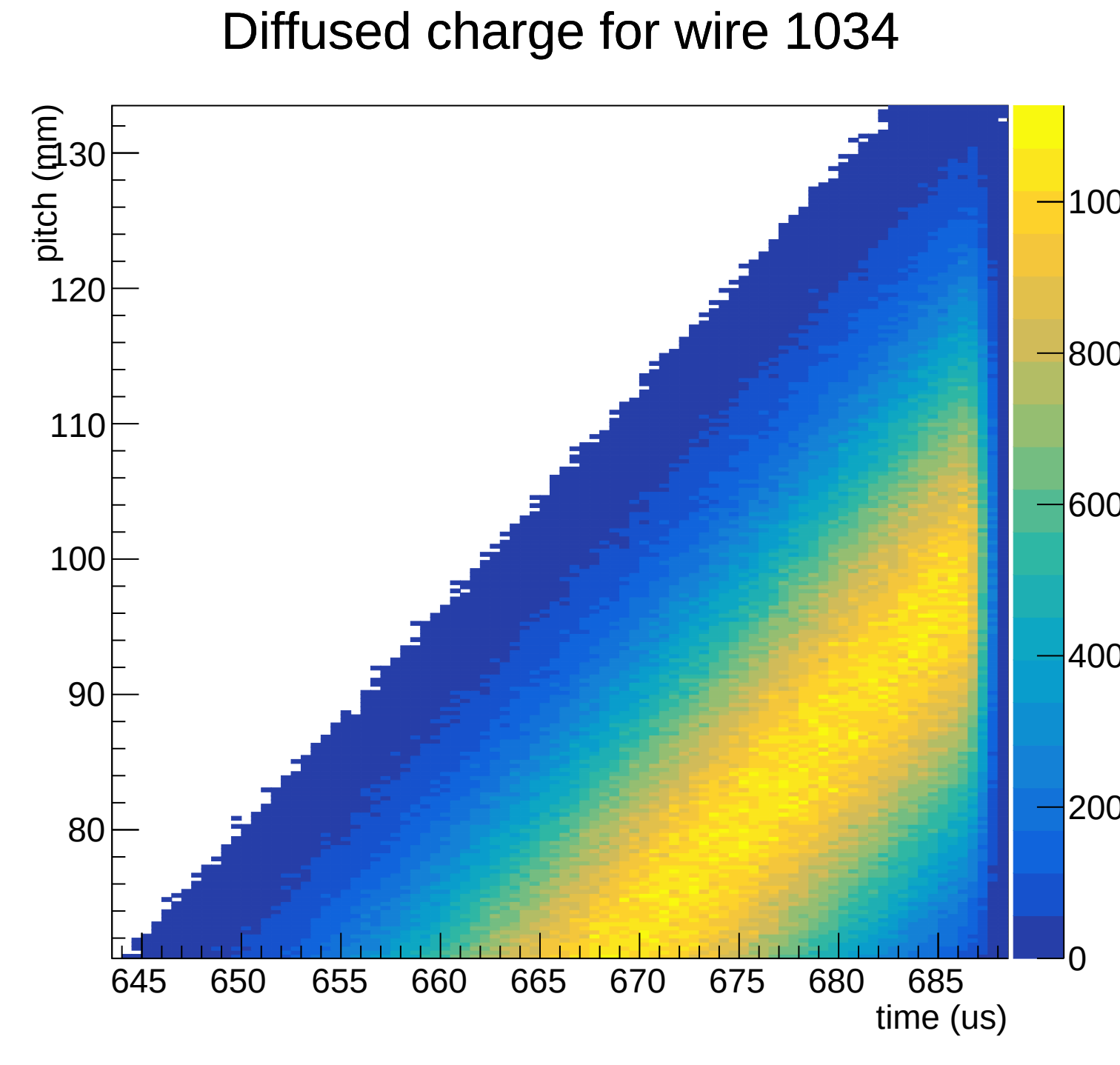

Diffused charge for wire 1029
pitch (mm)
110
100
90
80
70
60
640
650
660
670
680
time (us)
1000
800
600
400
200
0

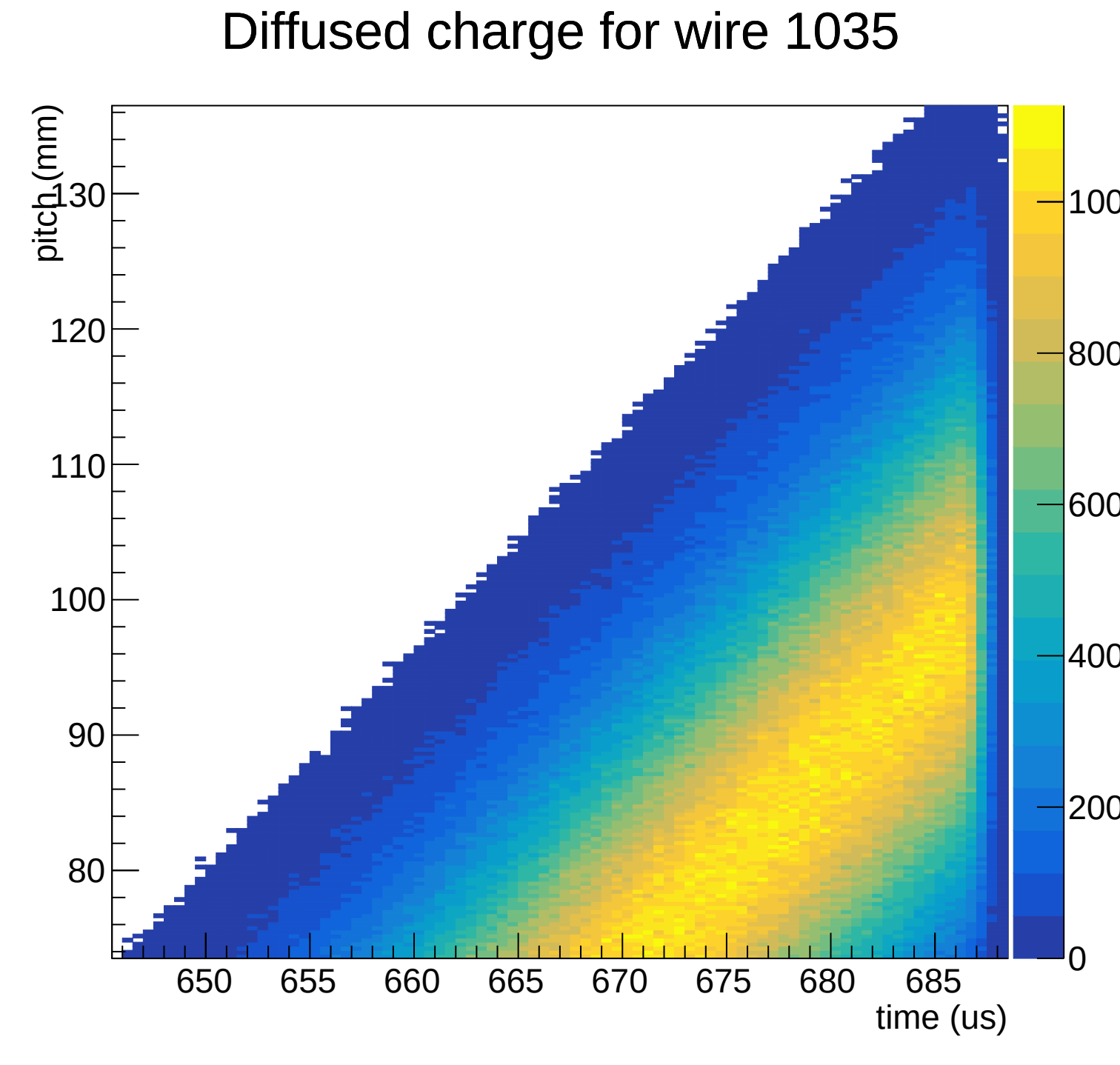

Diffused charge for wire 1030
pitch (mm)
120
110
100
90
80
70
60
640
650
660
670
680
time (us)
1000
800
600
400
200
0

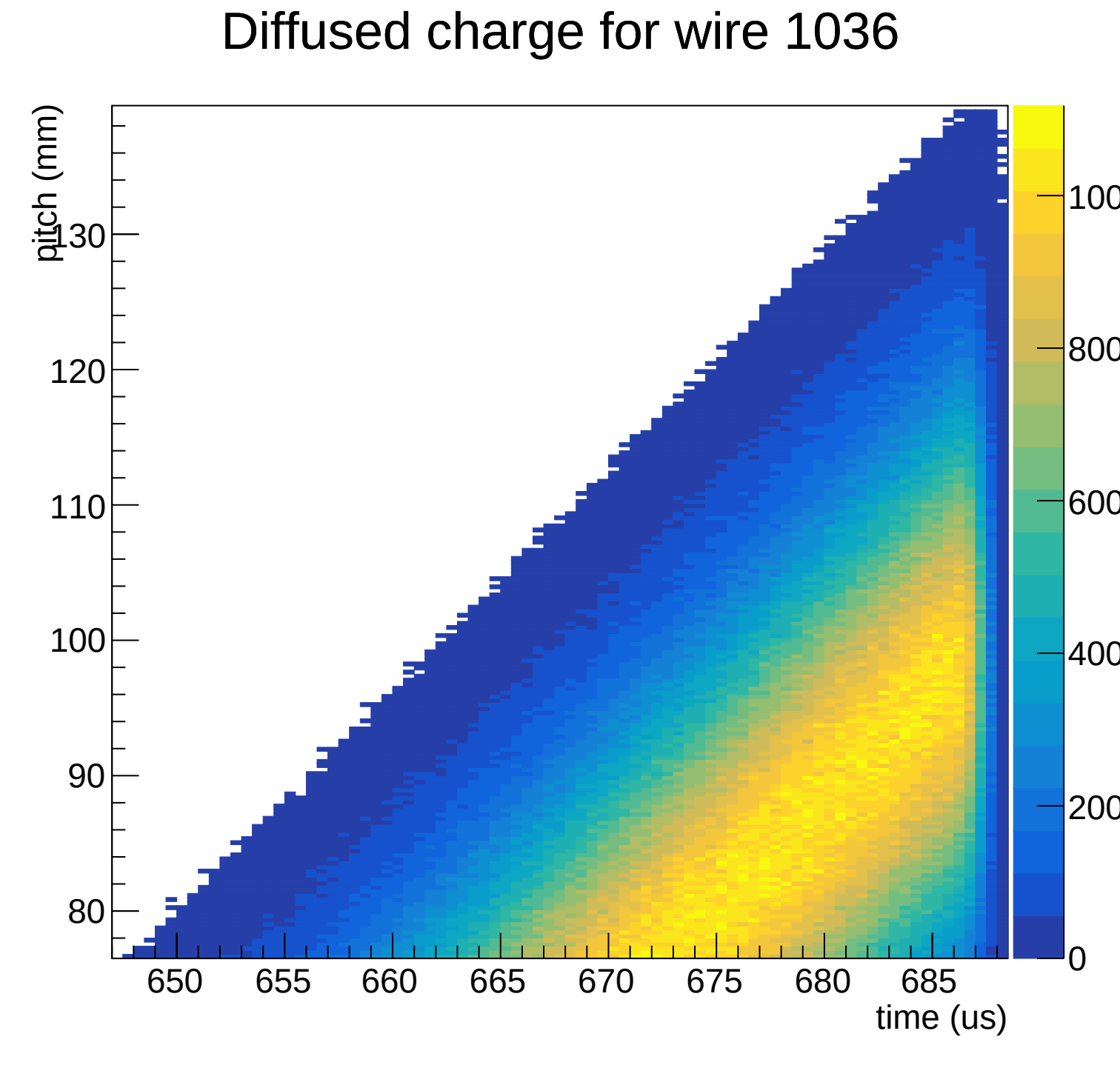

Diffused charge for wire 1031
pitch (mm)
120
110
100
90
80
70
640
645
650
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

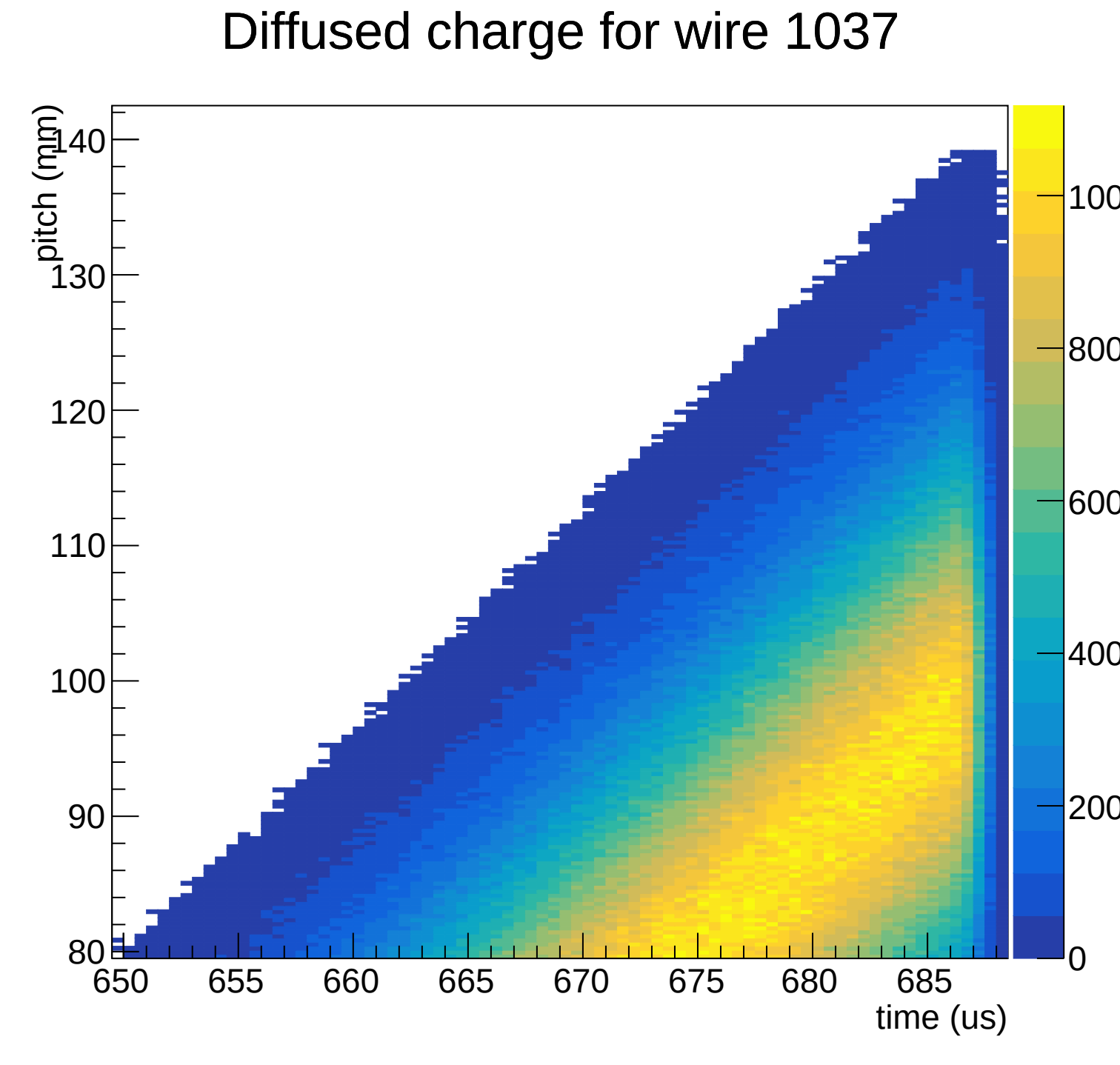

Diffused charge for wire 1032
pitch (mm)
120
110
100
90
80
70
640
645
650
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

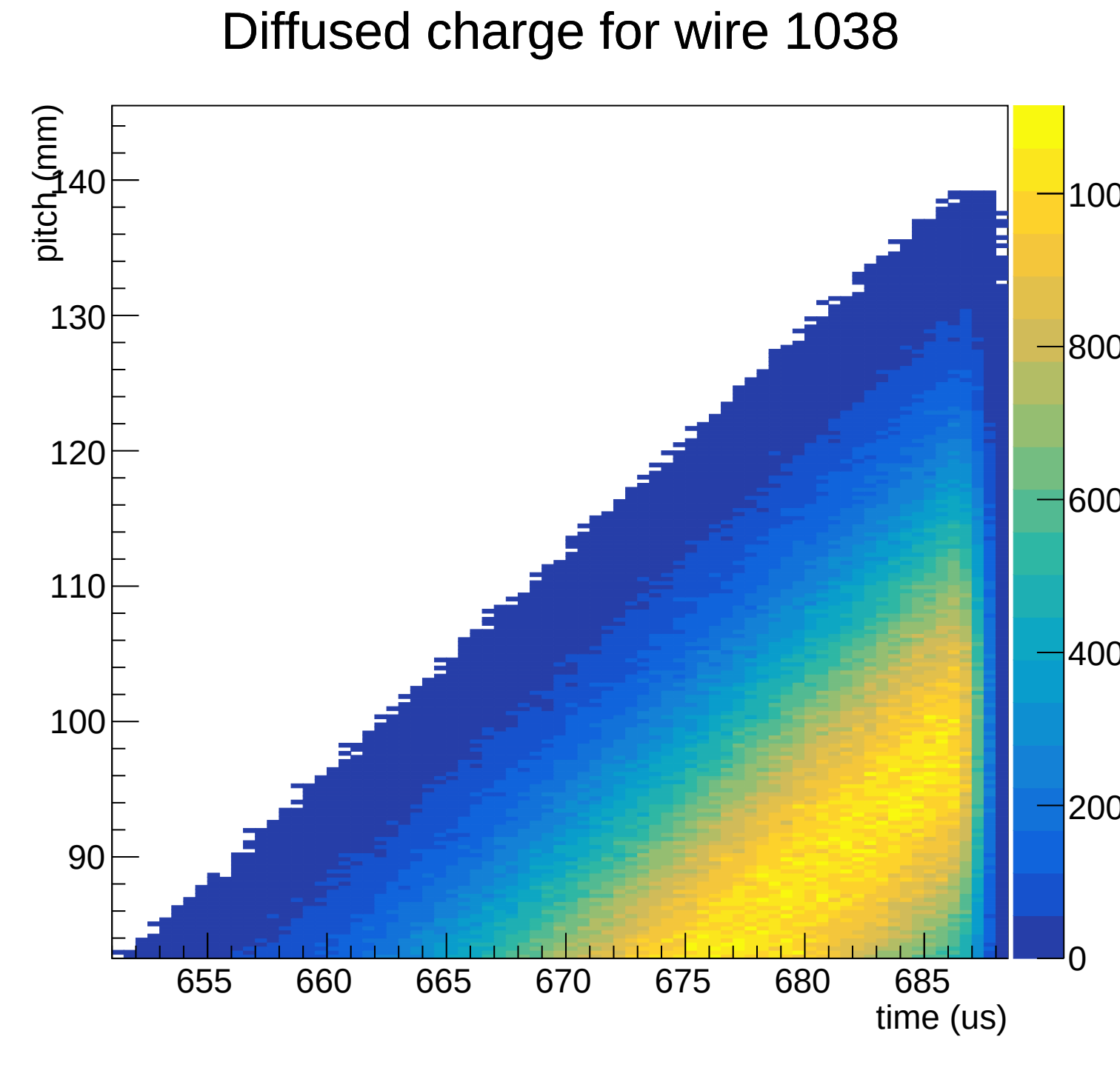

Diffused charge for wire 1033
pitch (mm)
130
120
110
100
90
80
70
645
650
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

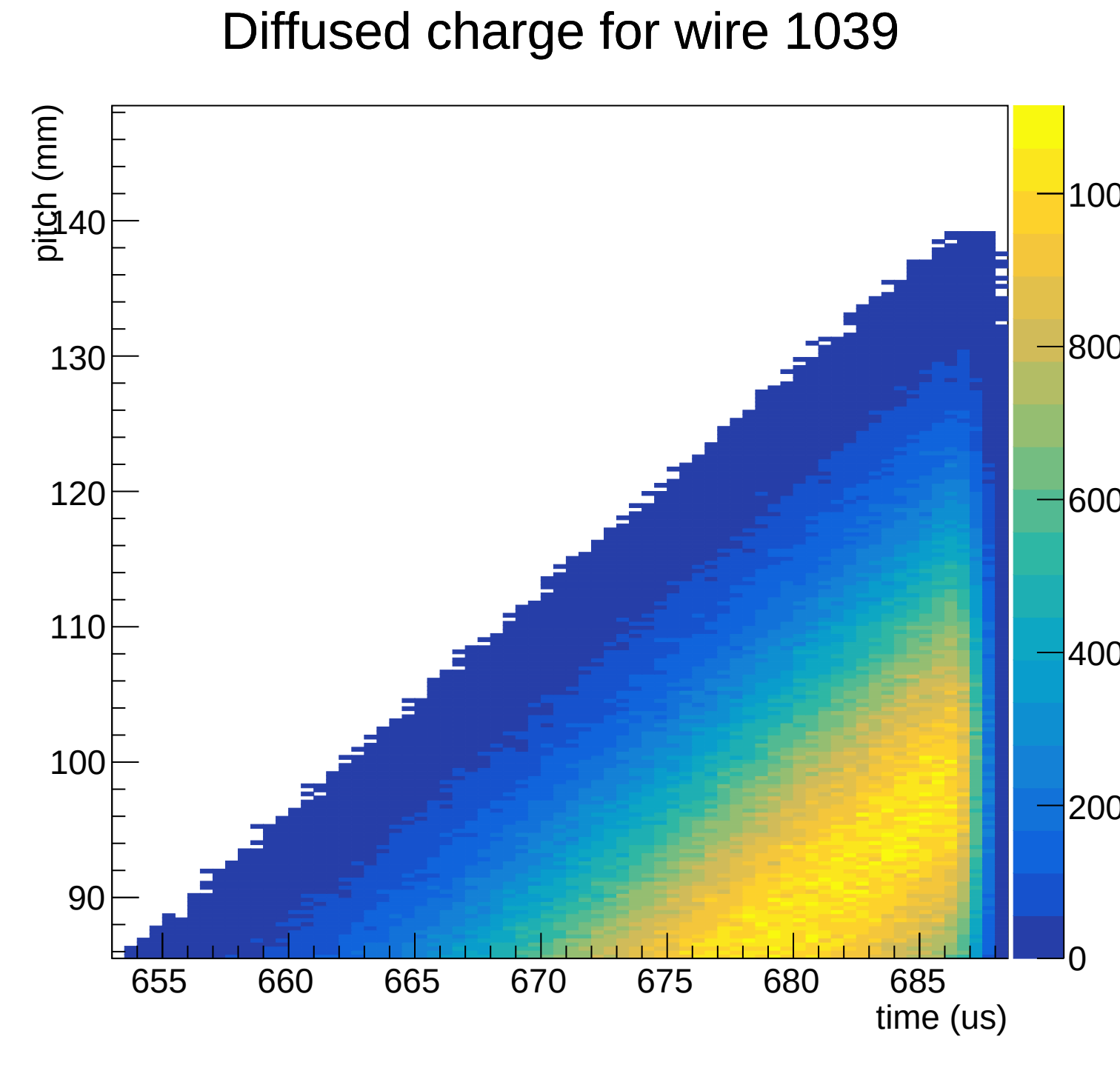

Diffused charge for wire 1034
pitch (mm)
130
120
110
100
90
80
645
650
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

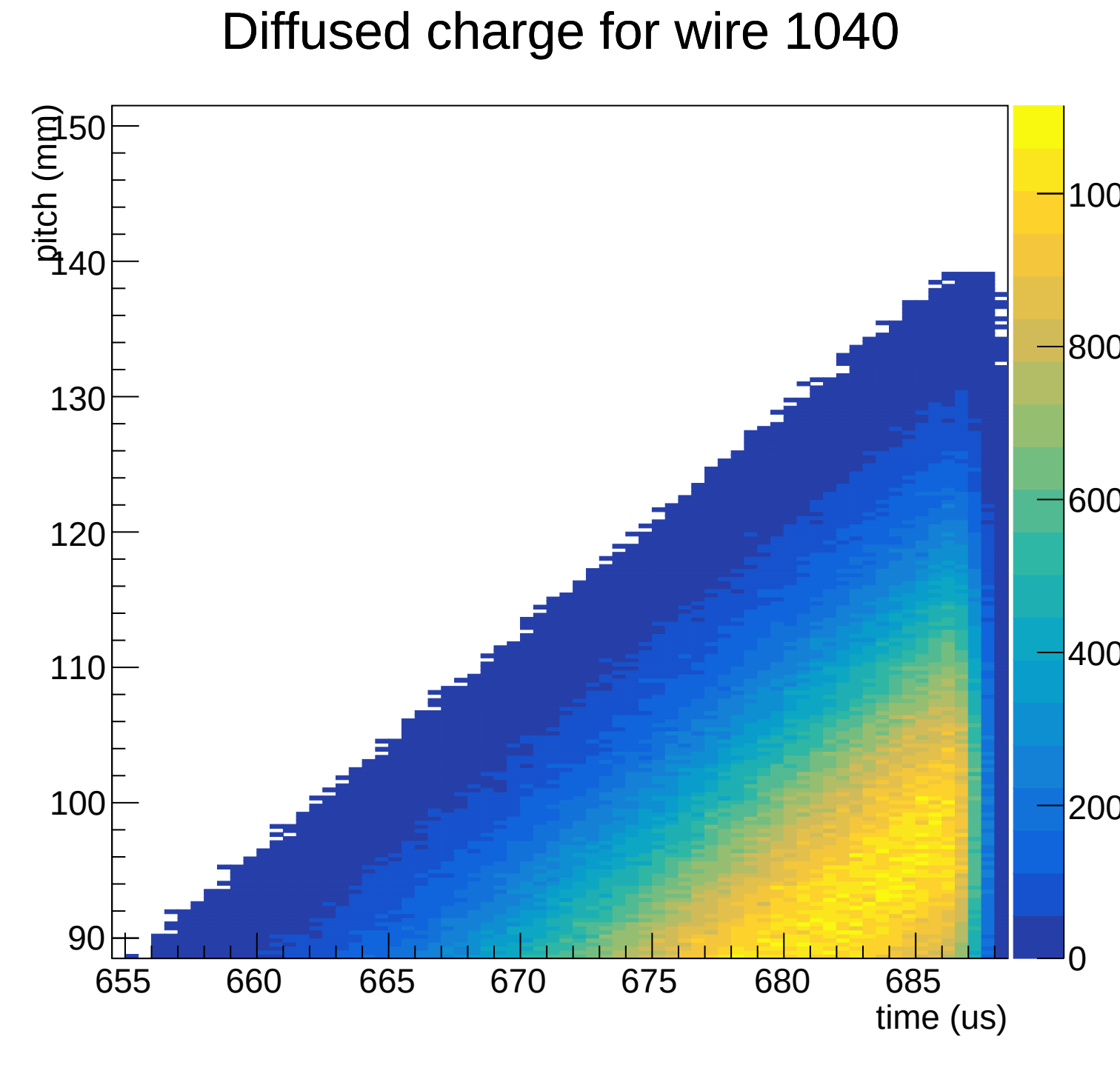

Diffused charge for wire 1035
pitch (mm)
130
120
110
100
90
80
650
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

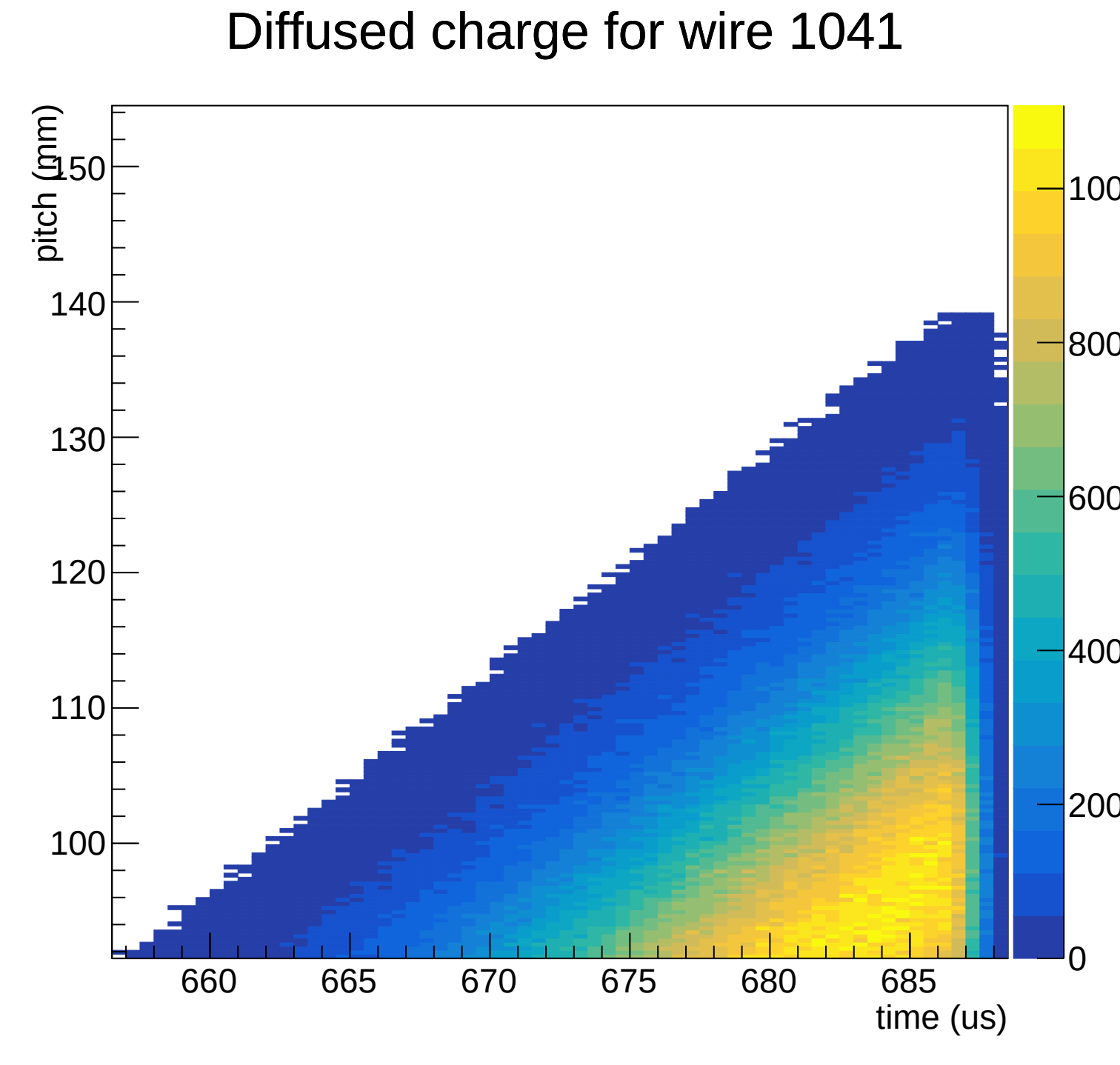

Diffused charge for wire 1036
pitch (mm)
130
120
110
100
90
80
650
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

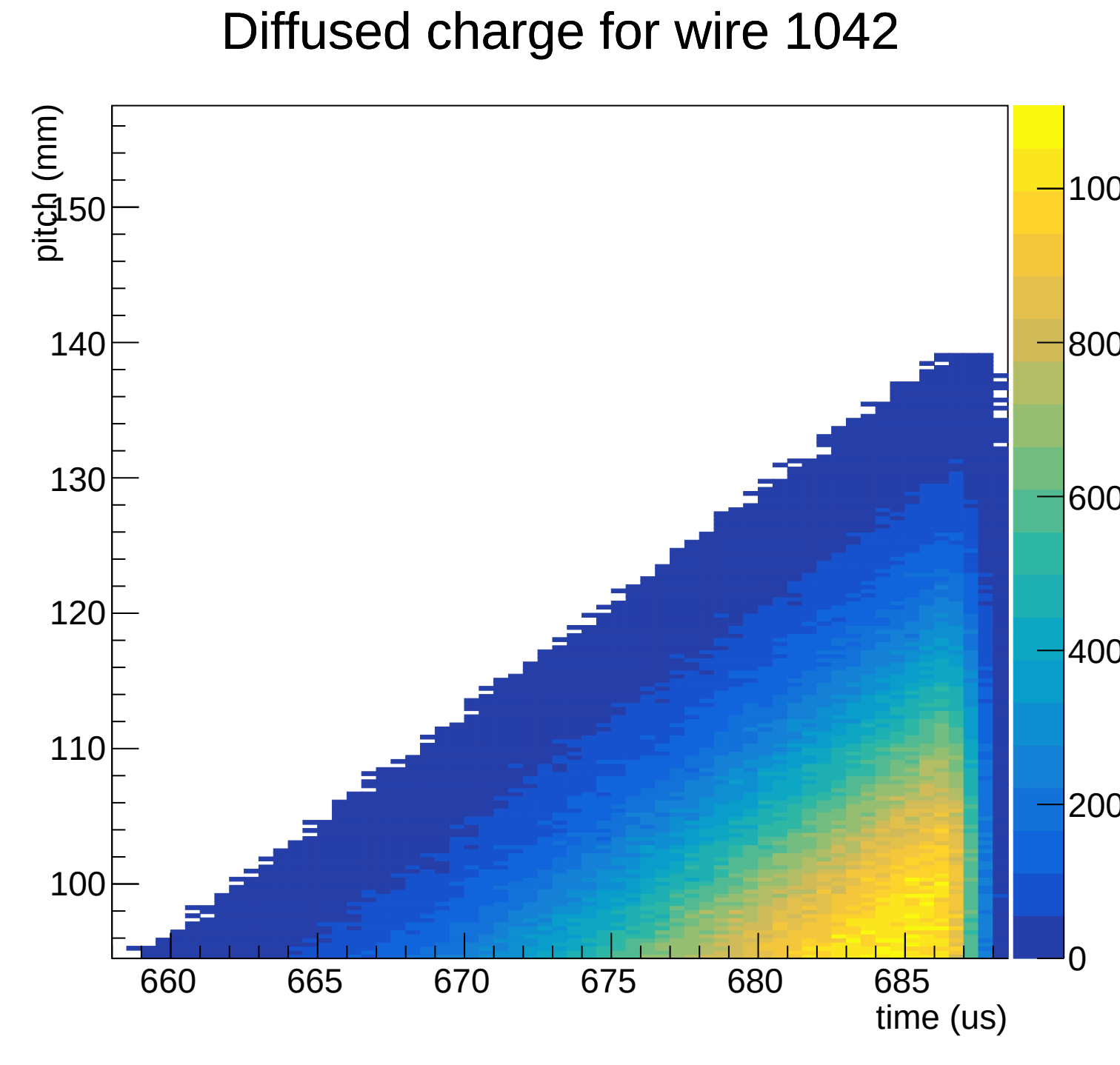

Diffused charge for wire 1037
pitch (mm)
140
130
120
110
100
90
80
650
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

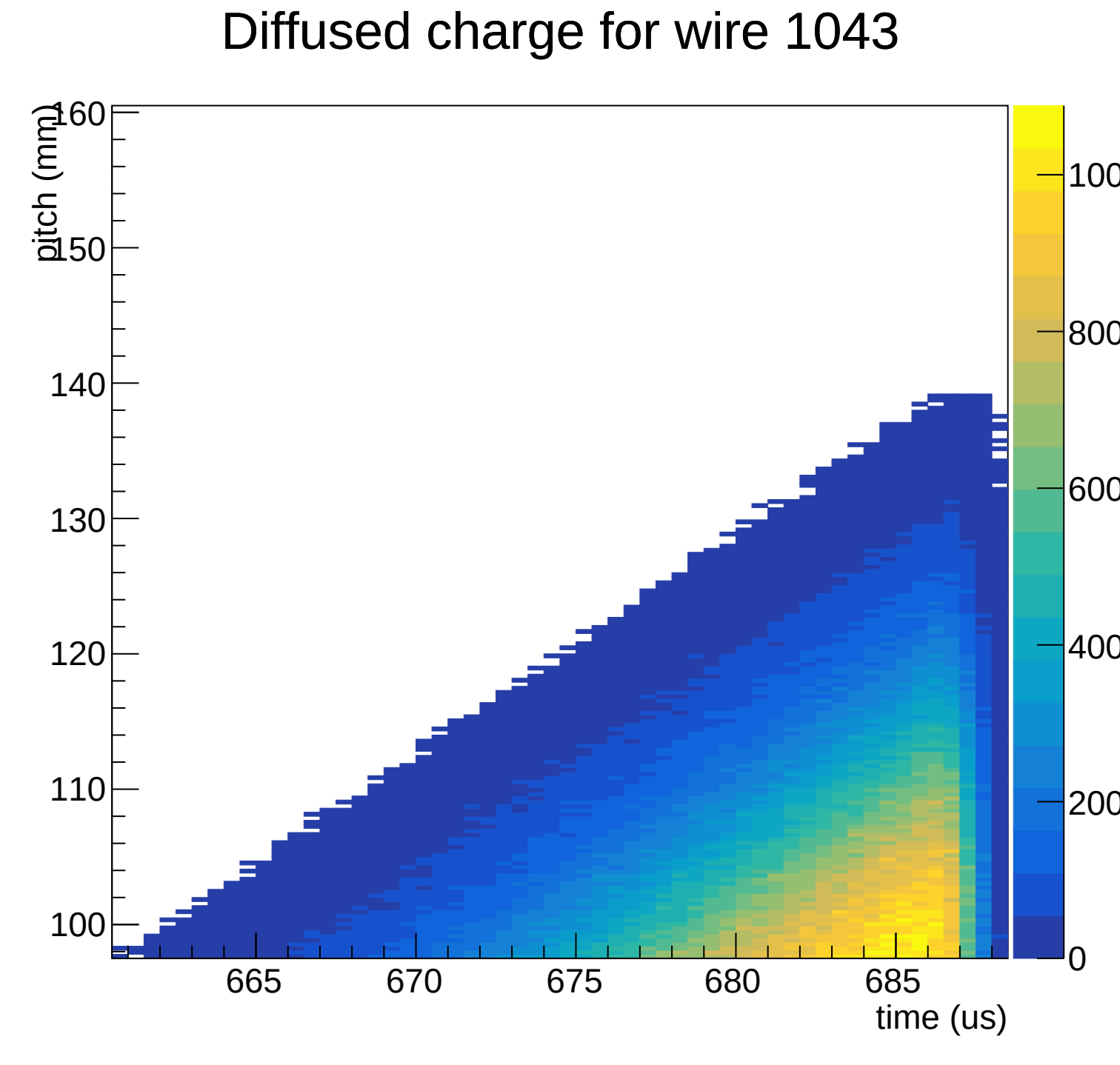

Diffused charge for wire 1038
pitch (mm)
140
130
120
110
100
90
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

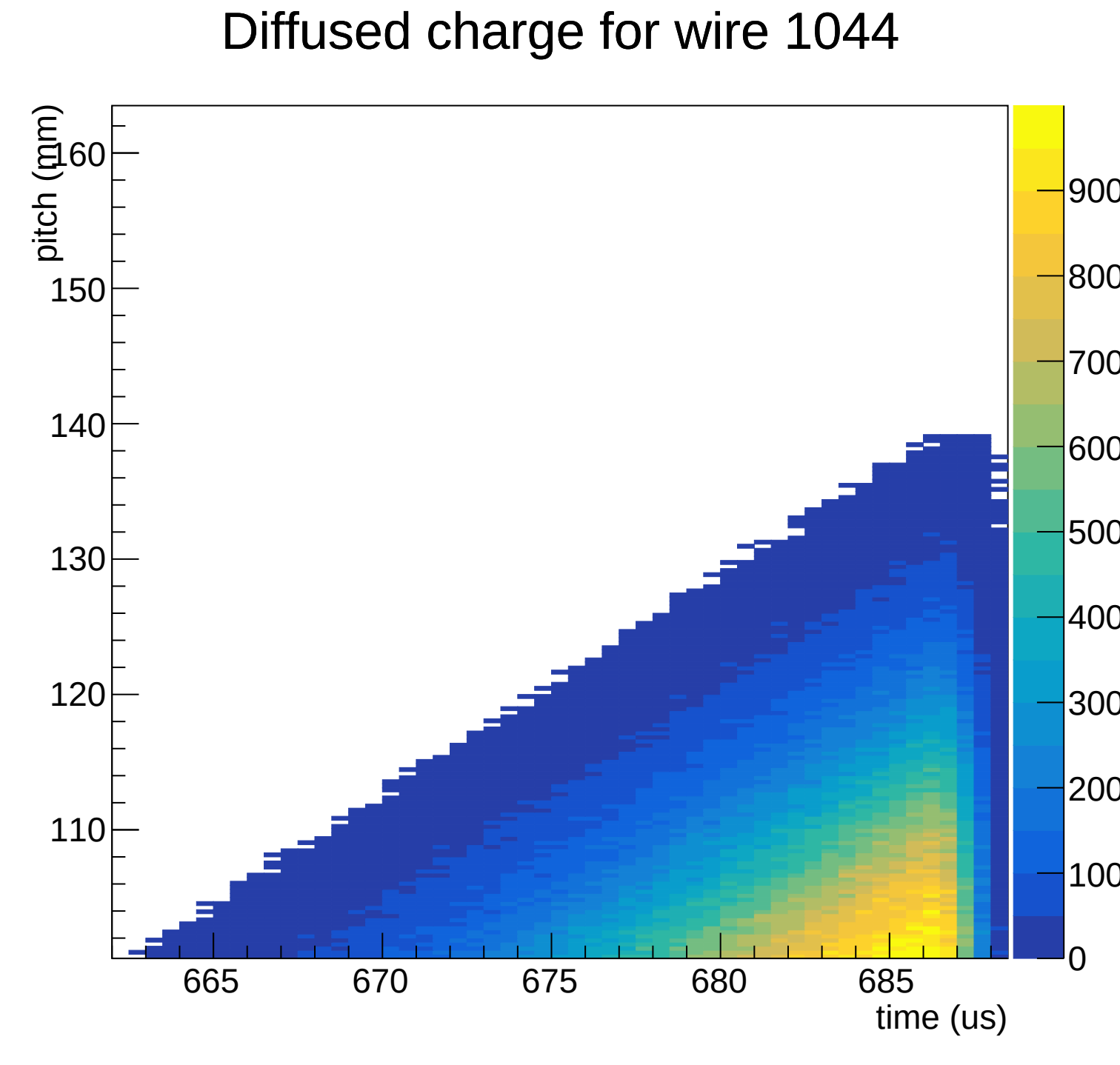

Diffused charge for wire 1039
pitch (mm)
140
130
120
110
100
90
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

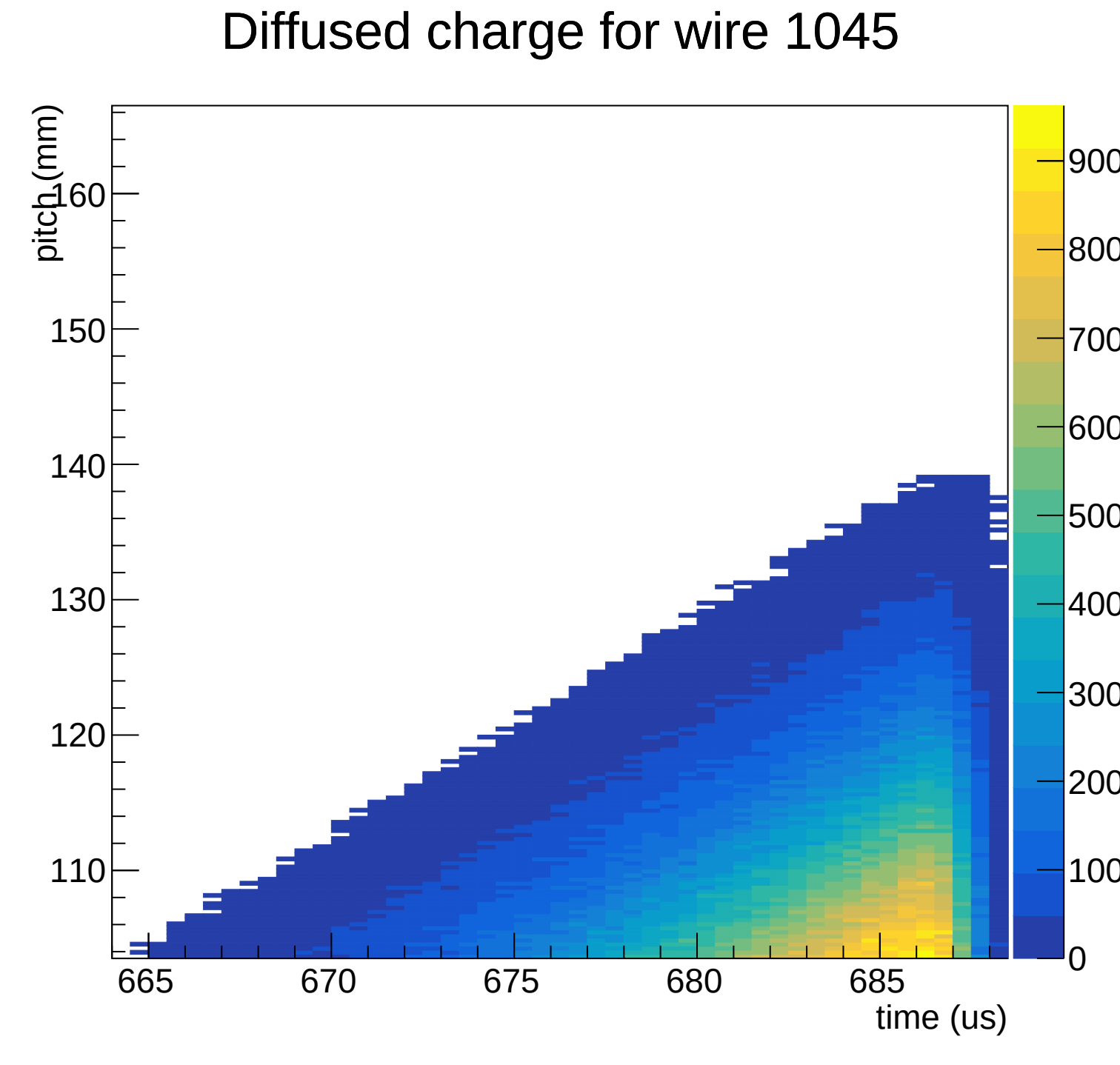

Diffused charge for wire 1040
pitch (mm)
150
140
130
120
110
100
90
655
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

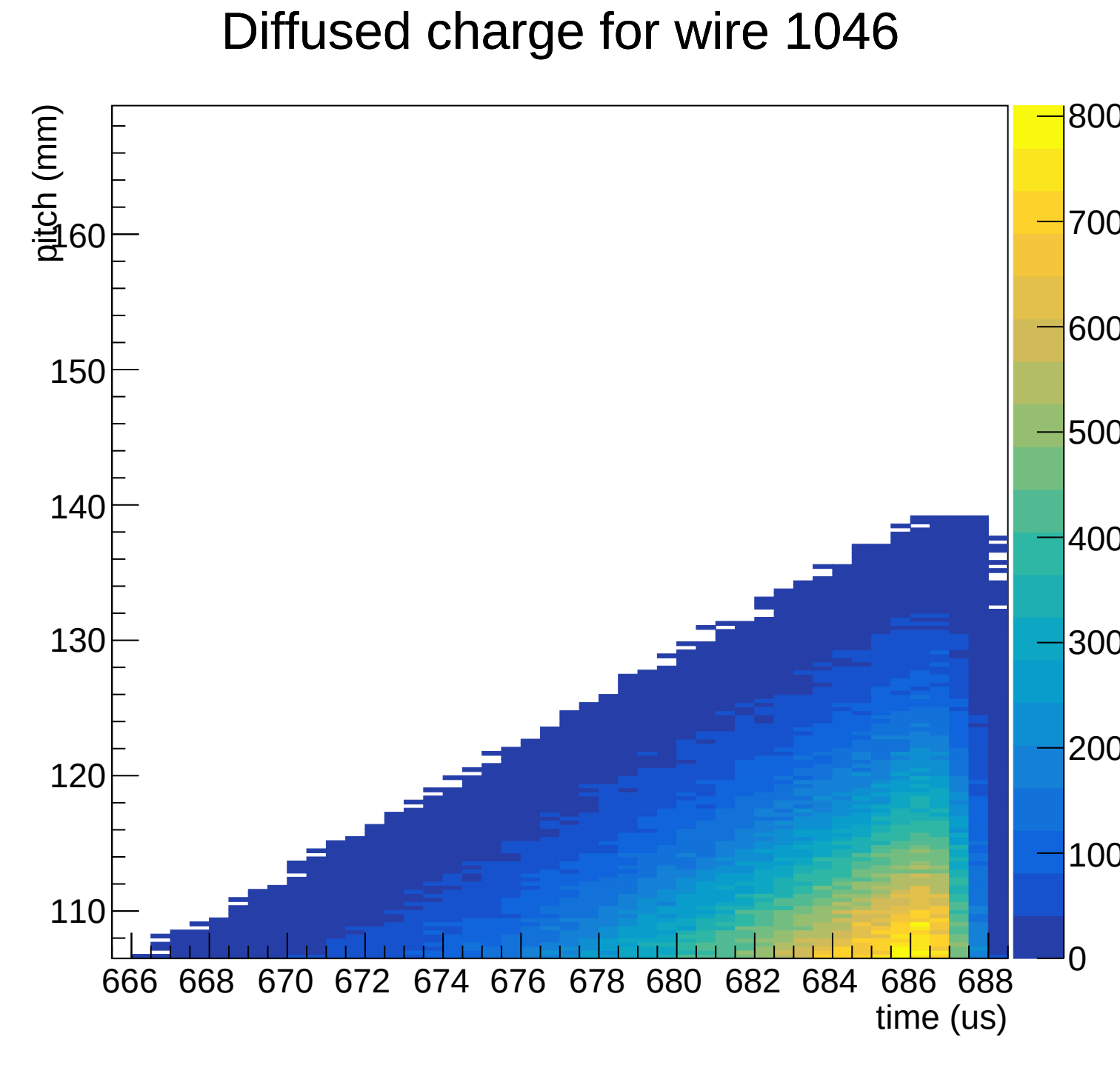

Diffused charge for wire 1041
pitch (mm)
150
140
130
120
110
100
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

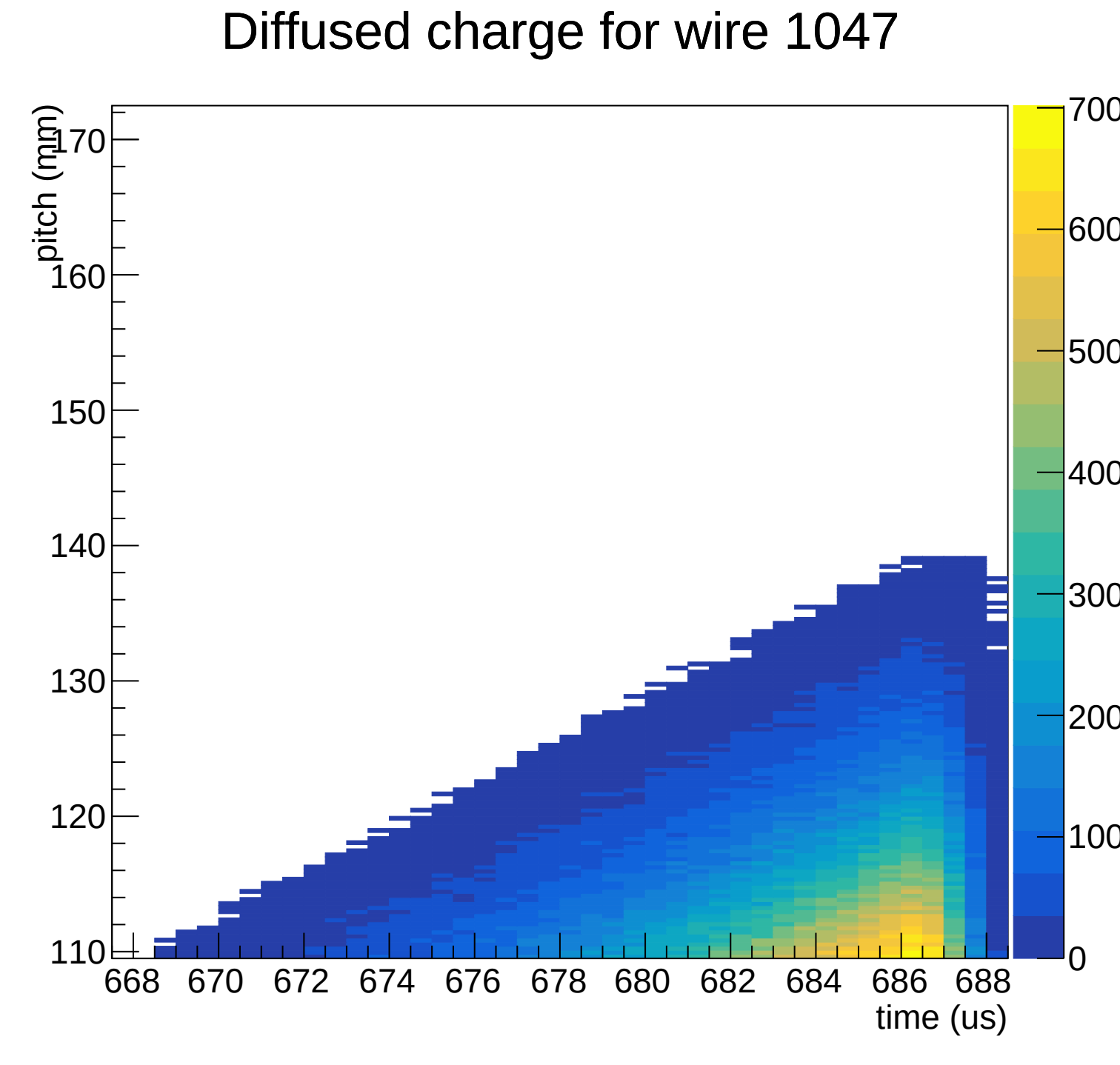

Diffused charge for wire 1042
pitch (mm)
150
140
130
120
110
100
660
665
670
675
680
685
time (us)
1000
800
600
400
200
0

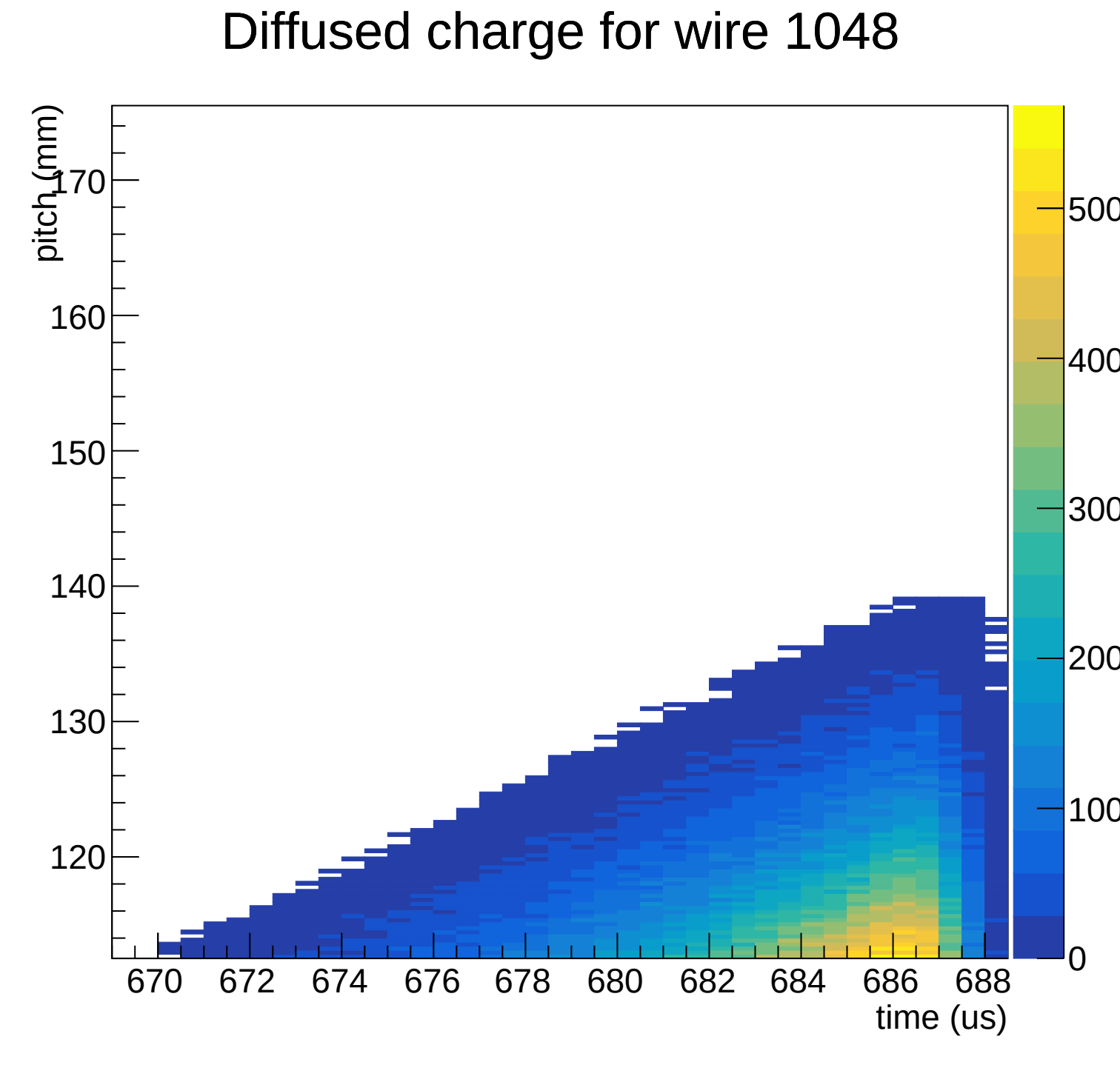

Diffused charge for wire 1043
pitch (mm)
160
150
140
130
120
110
100
665
670
675
680
685
time (us)
1000
800
600
400
200
0

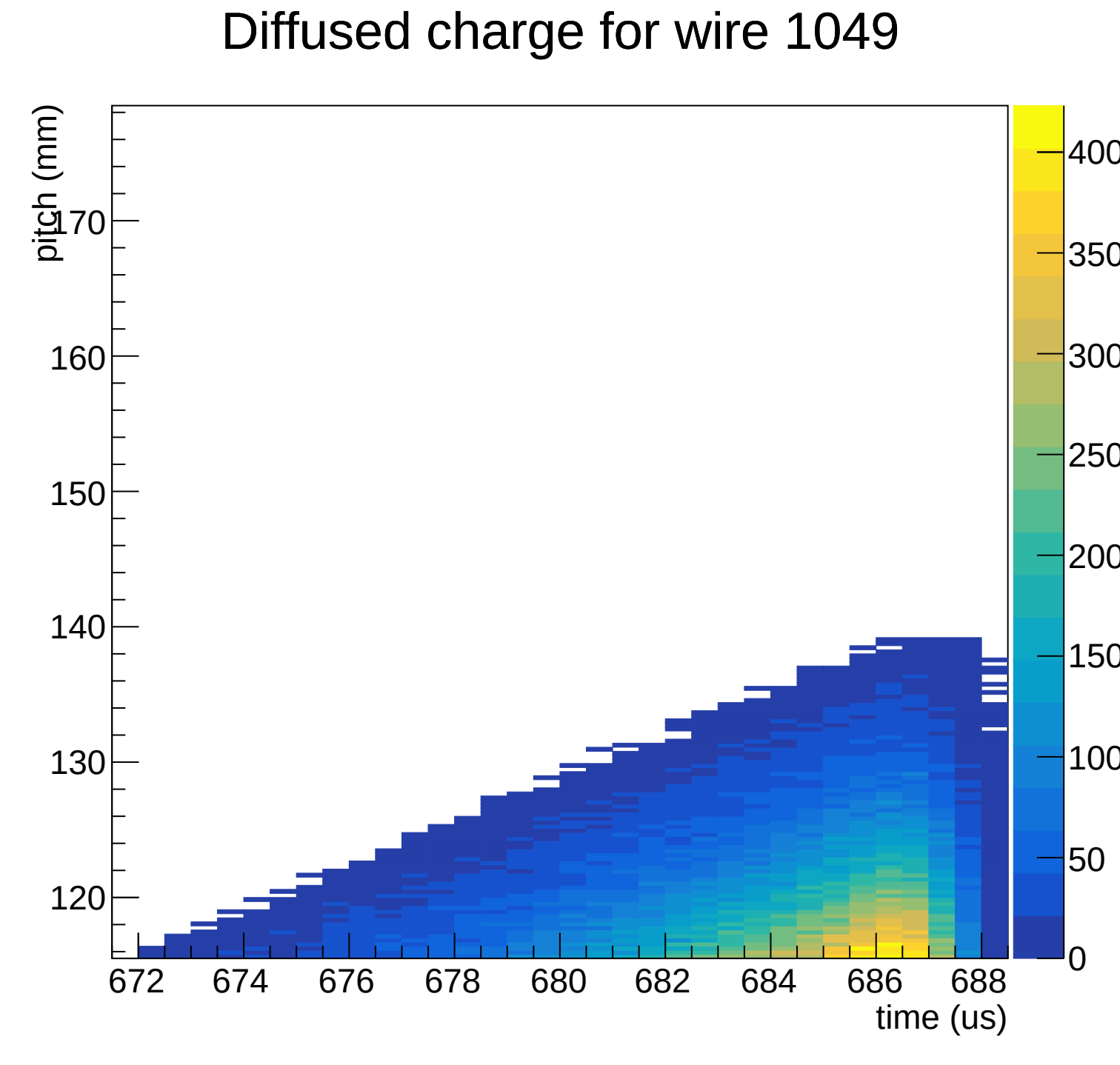

Diffused charge for wire 1044
pitch (mm)
160
150
140
130
120
110
665
670
675
680
685
time (us)
900
800
700
600
500
400
300
200
100
0

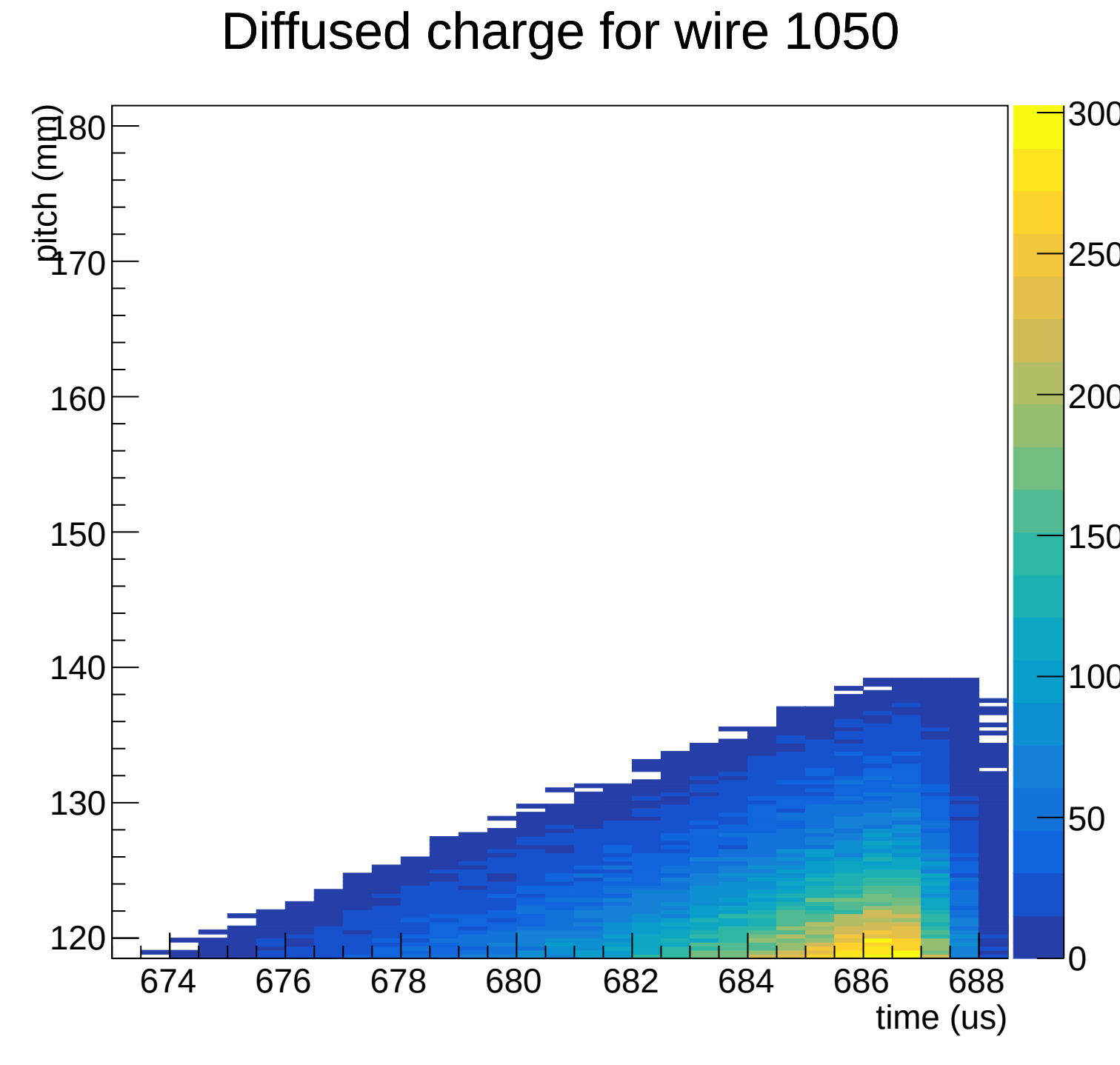

Diffused charge for wire 1045
pitch (mm)
160
150
140
130
120
110
665
670
675
680
685
time (us)
900
800
700
600
500
400
300
200
100
0

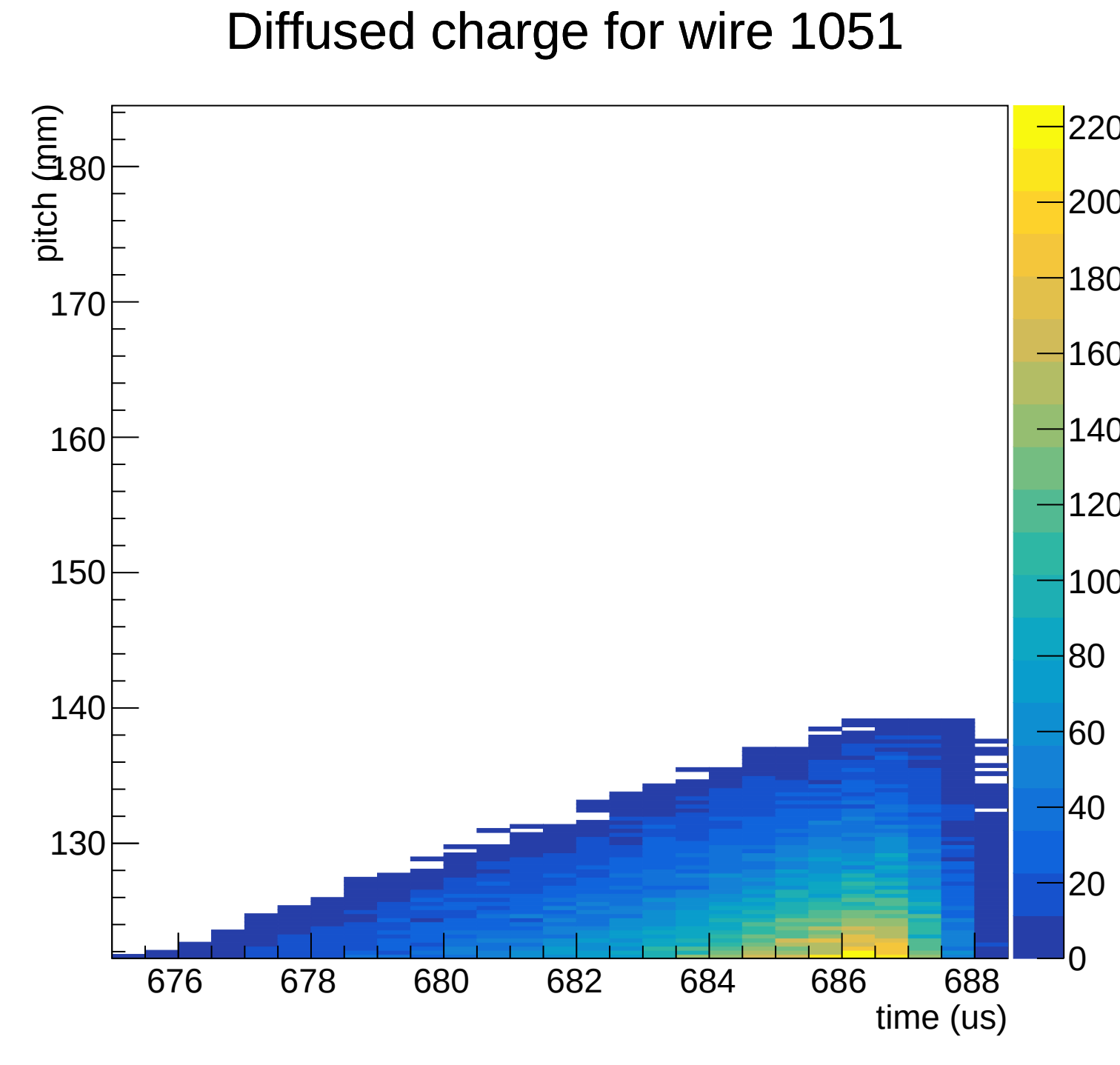

Diffused charge for wire 1046
pitch (mm)
160
150
140
130
120
110
666
668
670
672
674
676
678
680
682
684
686
688
time (us)
800
700
600
500
400
300
200
100
0

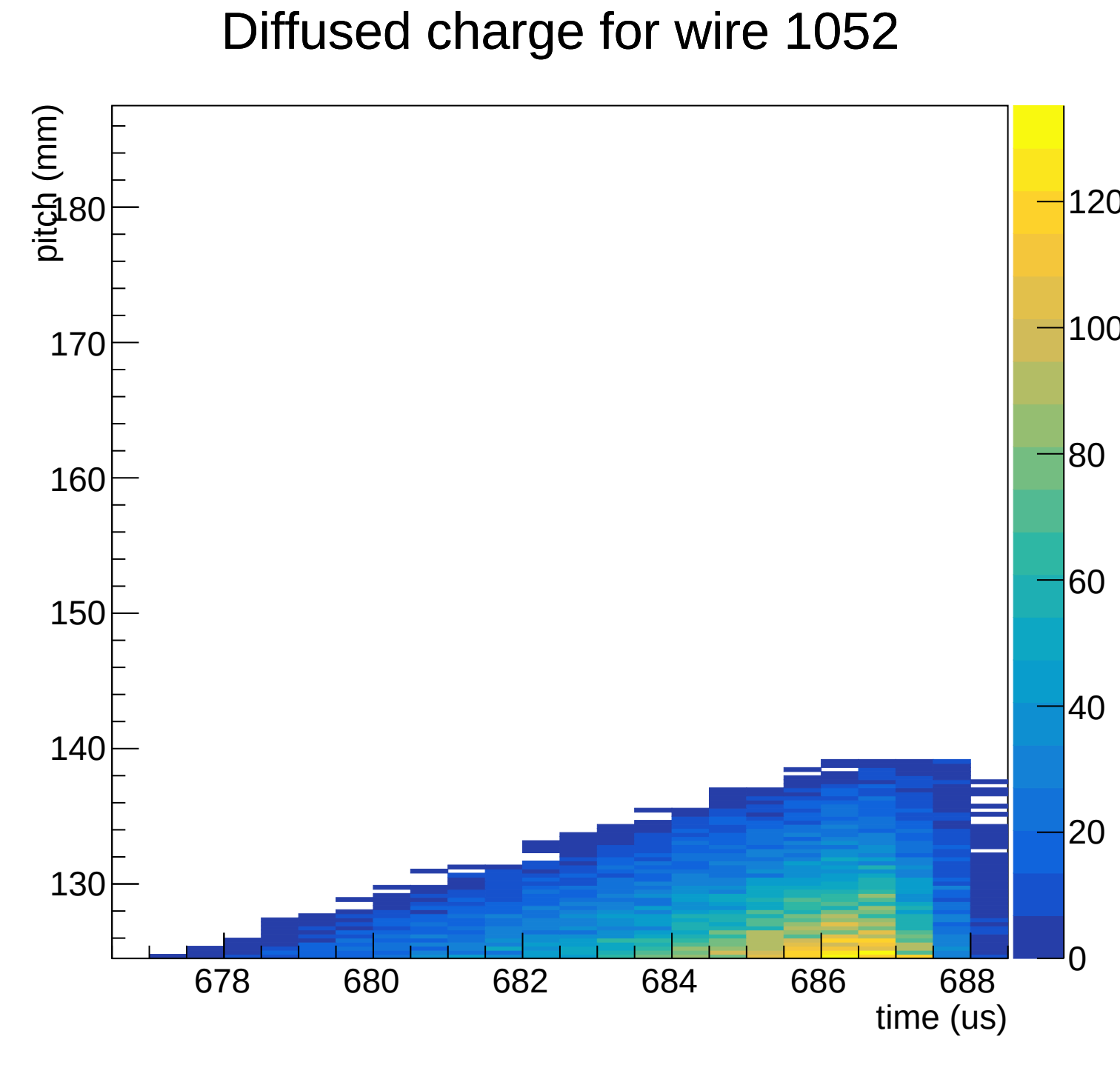

Diffused charge for wire 1047
pitch (mm)
170
160
150
140
130
120
110
668
670
672
674
676
678
680
682
684
686
688
time (us)
700
600
500
400
300
200
100
0

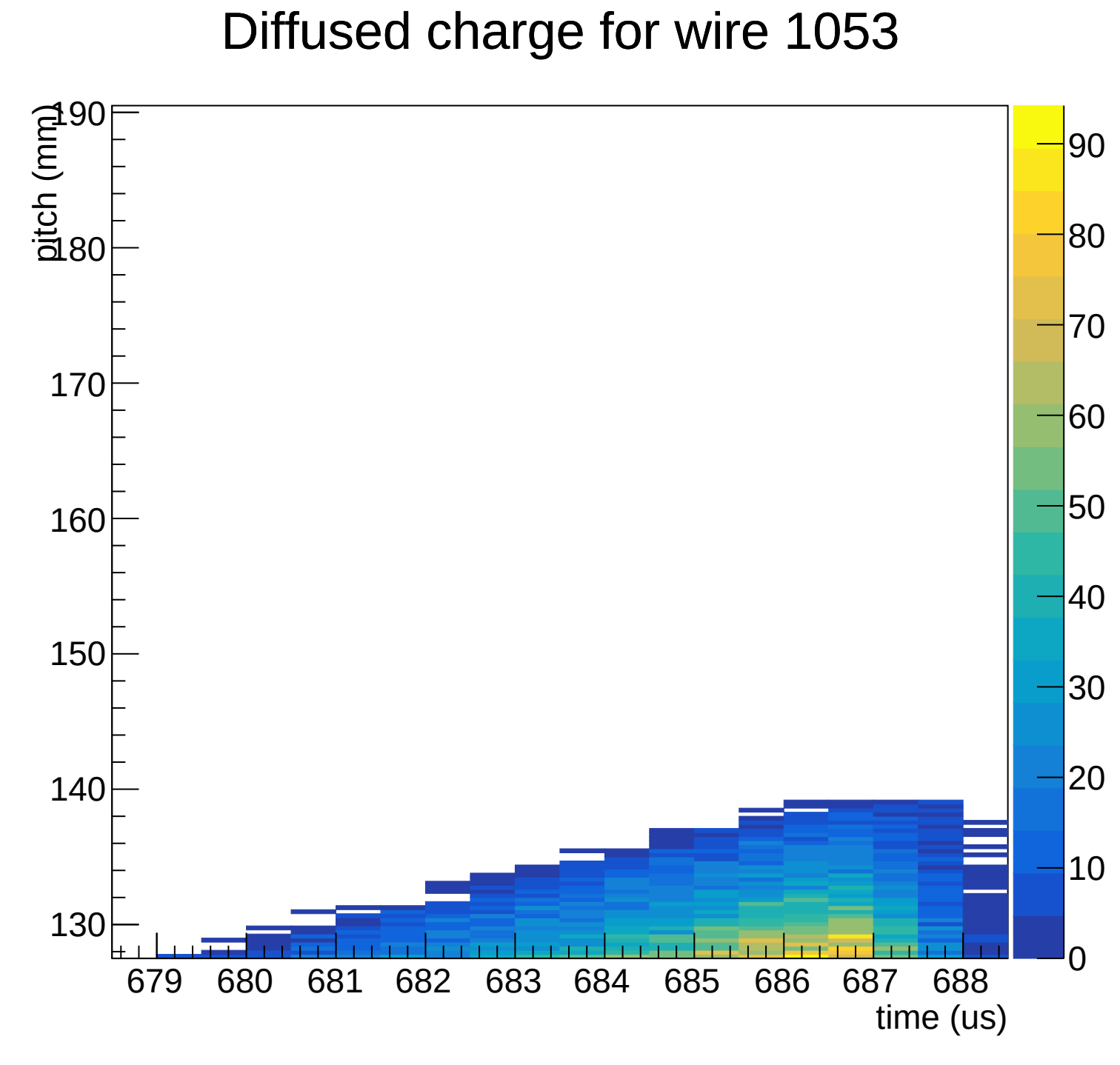

Diffused charge for wire 1048
pitch (mm)
170
160
150
140
130
120
670
672
674
676
678
680
682
684
686
688
time (us)
500
400
300
200
100
0

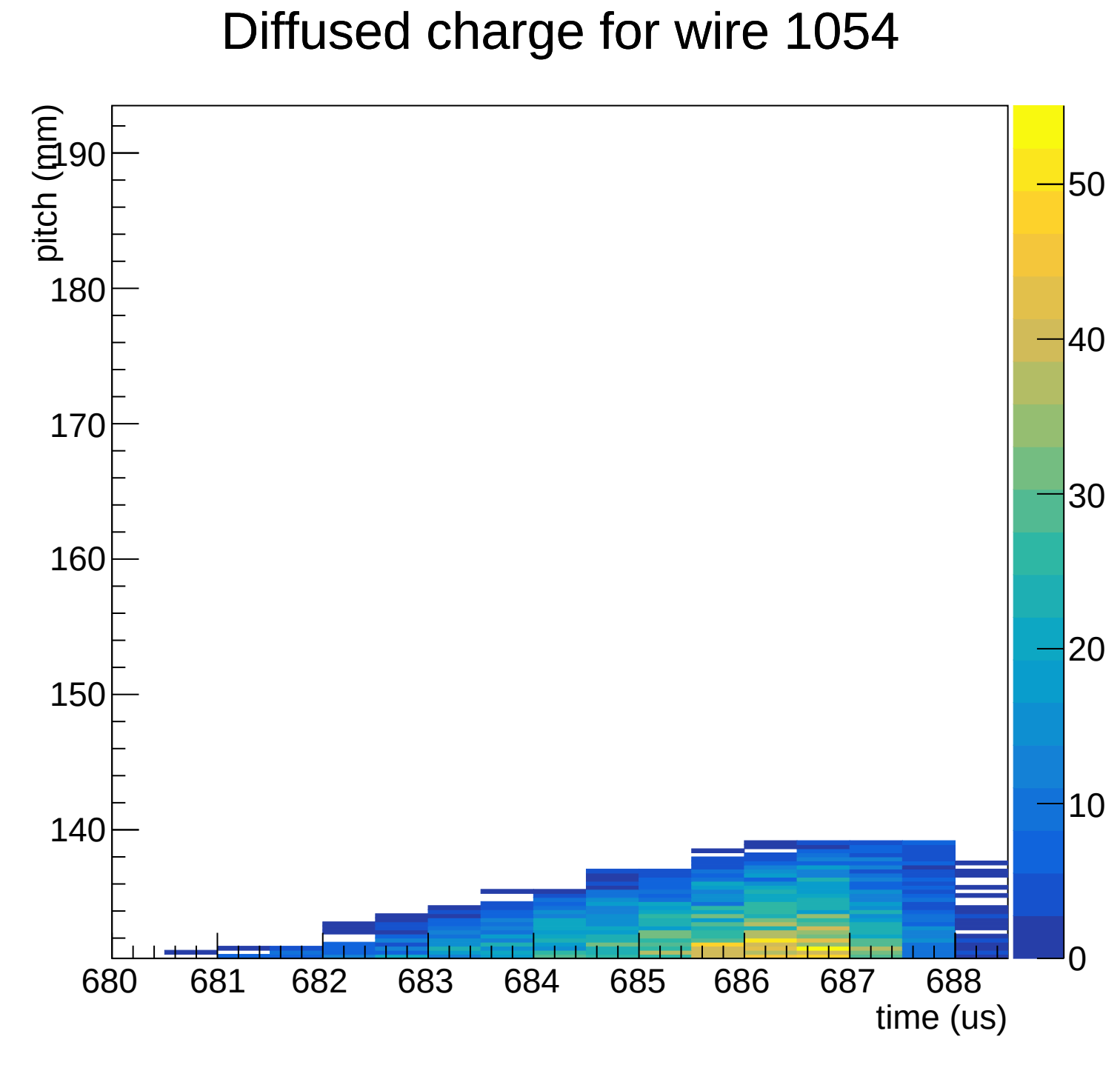

Diffused charge for wire 1049
pitch (mm)
170
160
150
140
130
120
672
674
676
678
680
682
684
686
688
time (us)
400
350
300
250
200
150
100
50
0

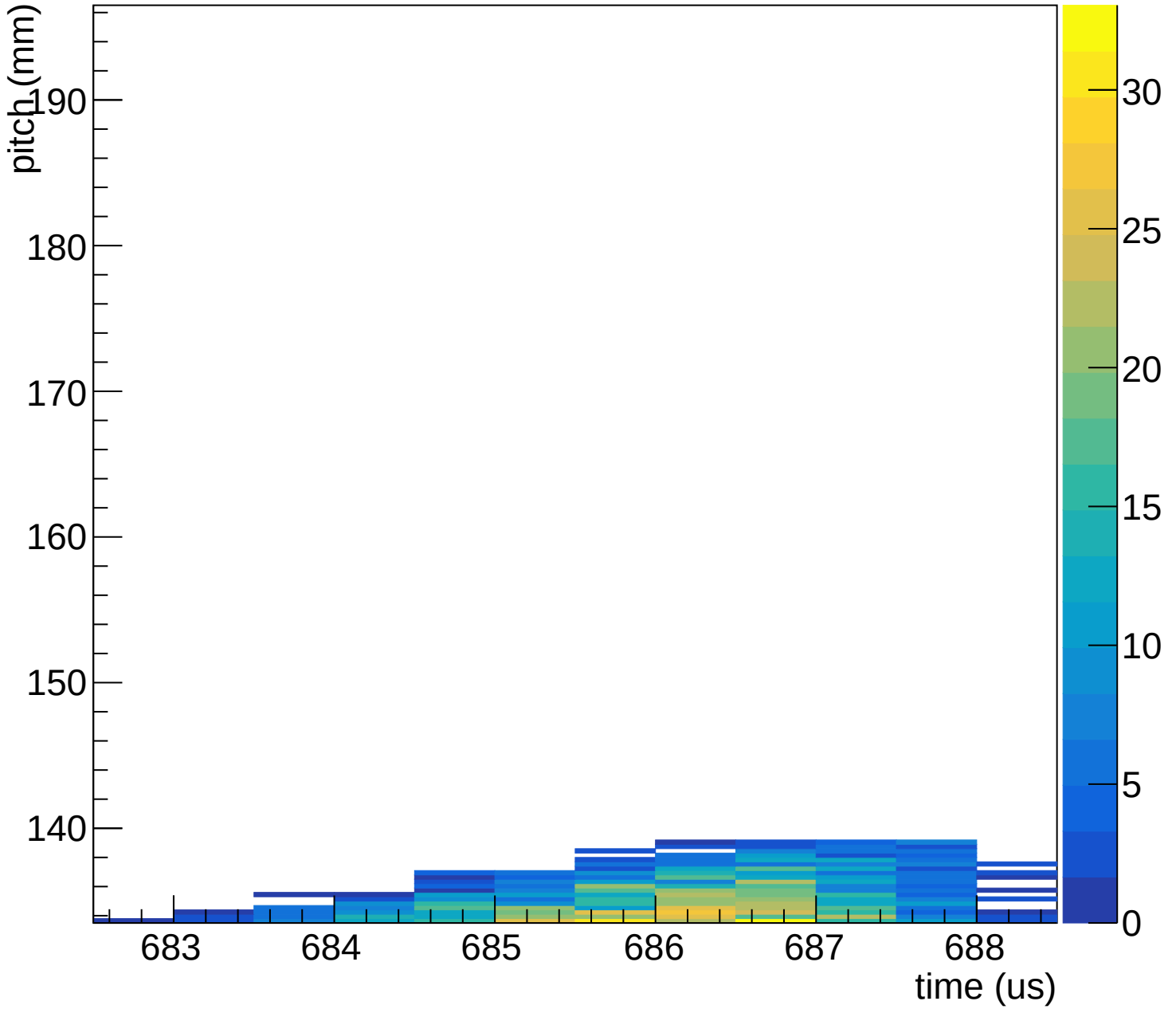

Diffused charge for wire 1050
pitch (mm)
180
170
160
150
140
130
120
674
676
678
680
682
684
686
688
time (us)
300
250
200
150
100
50
0

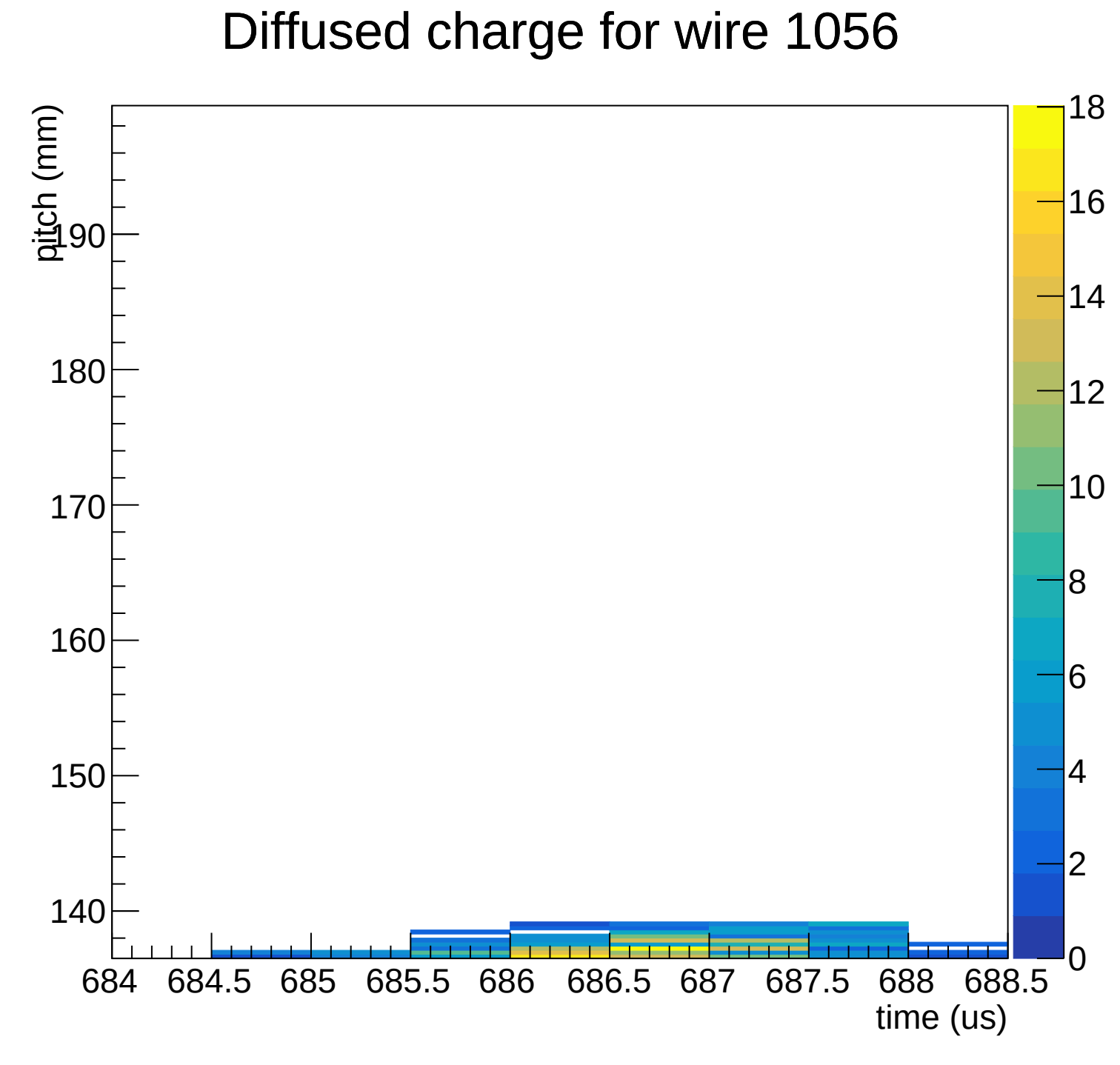

Diffused charge for wire 1051
pitch (mm)
180
170
160
150
140
130
676
678
680
682
684
686
688
time (us)
220
200
180
160
140
120
100
80
60
40
20
0


Diffused charge for wire 1052
pitch (mm)
180
170
160
150
140
130
678
680
682
684
686
688
time (us)
120
100
80
60
40
20
0


Diffused charge for wire 1053
pitch (mm)
190
180
170
160
150
140
130
679
680
681
682
683
684
685
686
687
688
time (us)
90
80
70
60
50
40
30
20
10
0


Diffused charge for wire 1054
pitch (mm)
190
180
170
160
150
140
680
681
682
683
684
685
686
687
688
time (us)
50
40
30
20
10
0


Diffused charge for wire 1055
pitch (mm)
190
180
170
160
150
140
683
684
685
686
687
688
time (us)
30
25
20
15
10
5
0


Diffused charge for wire 1056
pitch (mm)
190
180
170
160
150
140
684
684.5
685
685.5
686
686.5
687
687.5
688
688.5
time (us)
18
16
14
12
10
8
6
4
2
0