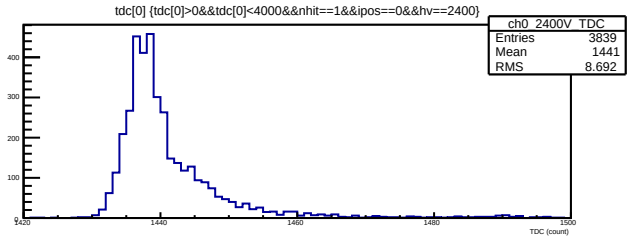
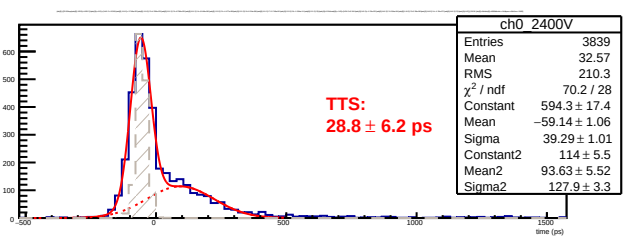
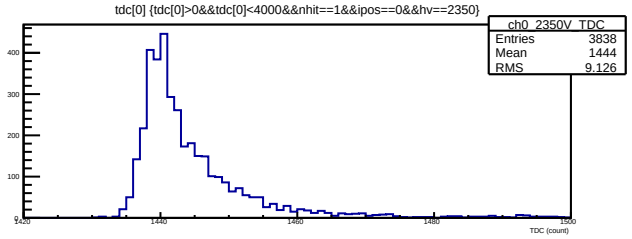
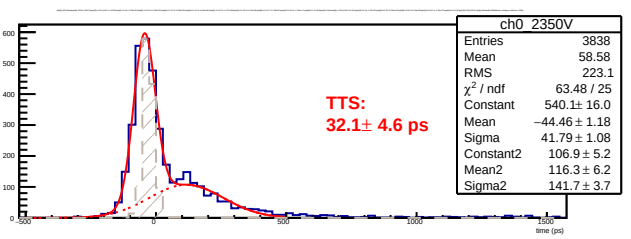
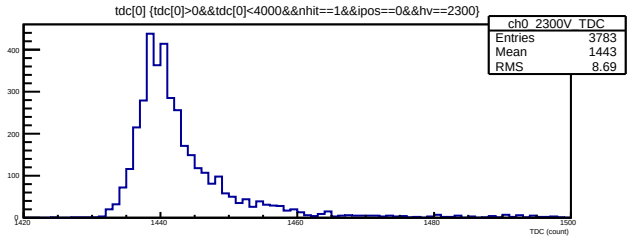
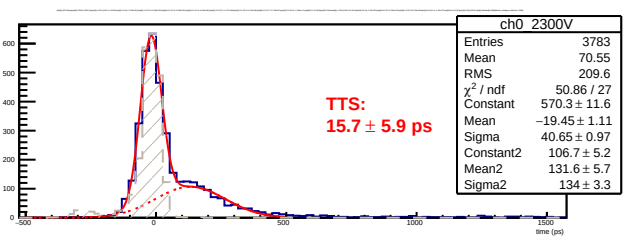

tdc[0] {tdc[0]>0&&tdc[0]<4000&&nhit==1&&ipos==0&&hv==2400}
ch0_2400V_TDC
Entries 3839
Mean 1441
RMS 8.692
TDC (count)

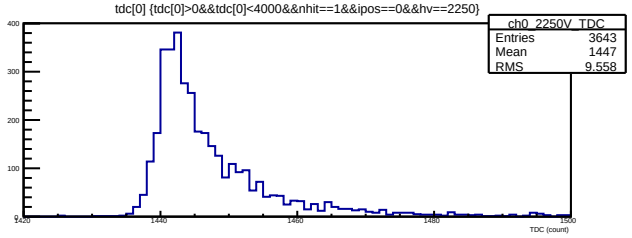

ch0_2400V
Entries 3839
Mean 32.57
RMS 210.3
χ² / ndf 70.2 / 28
Constant 594.3 ± 17.4
Mean −59.14 ± 1.06
Sigma 39.29 ± 1.01
Constant2 114 ± 5.5
Mean2 93.63 ± 5.52
Sigma2 127.9 ± 3.3
TTS:
28.8 ± 6.2 ps
time (ps)

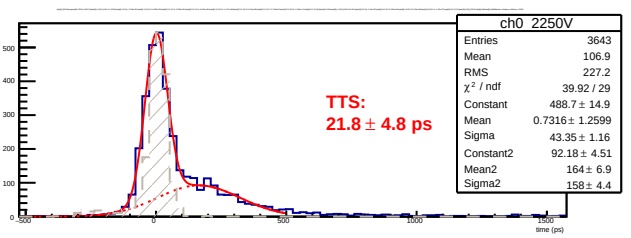

tdc[0] {tdc[0]>0&&tdc[0]<4000&&nhit==1&&ipos==0&&hv==2350}
ch0_2350V_TDC
Entries 3838
Mean 1444
RMS 9.126
TDC (count)

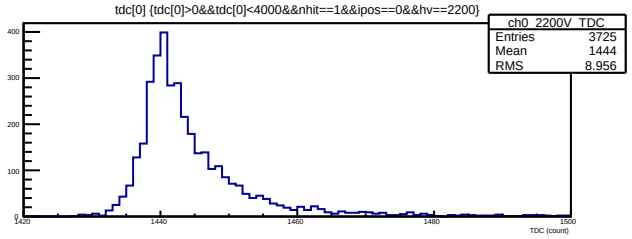

ch0_2350V
Entries 3838
Mean 58.58
RMS 223.1
χ² / ndf 63.48 / 25
Constant 540.1 ± 16.0
Mean −44.46 ± 1.18
Sigma 41.79 ± 1.08
Constant2 106.9 ± 5.2
Mean2 116.3 ± 6.2
Sigma2 141.7 ± 3.7
TTS:
32.1 ± 4.6 ps
time (ps)

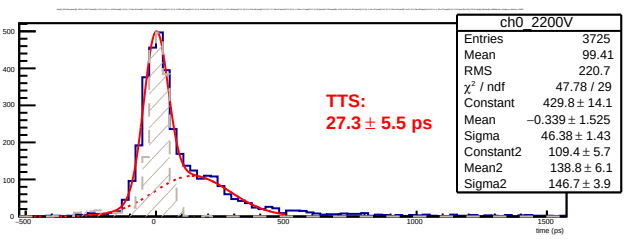

tdc[0] {tdc[0]>0&&tdc[0]<4000&&nhit==1&&ipos==0&&hv==2300}
ch0_2300V_TDC
Entries 3783
Mean 1443
RMS 8.69
TDC (count)

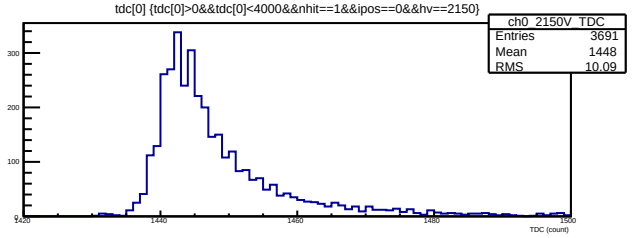

ch0_2300V
Entries 3783
Mean 70.55
RMS 209.6
χ² / ndf 50.86 / 27
Constant 570.3 ± 11.6
Mean −19.45 ± 1.11
Sigma 40.65 ± 0.97
Constant2 106.7 ± 5.2
Mean2 131.6 ± 5.7
Sigma2 134 ± 3.3
TTS:
15.7 ± 5.9 ps
time (ps)

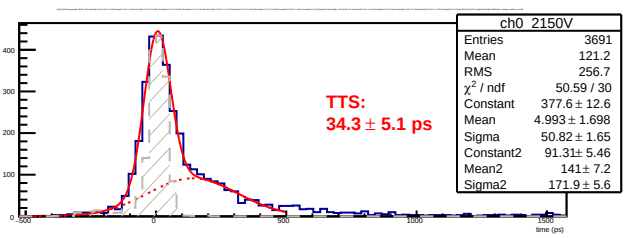

tdc[0] {tdc[0]>0&&tdc[0]<4000&&nhit==1&&ipos==0&&hv==2250}
ch0_2250V_TDC
Entries 3643
Mean 1447
RMS 9.558
TDC (count)

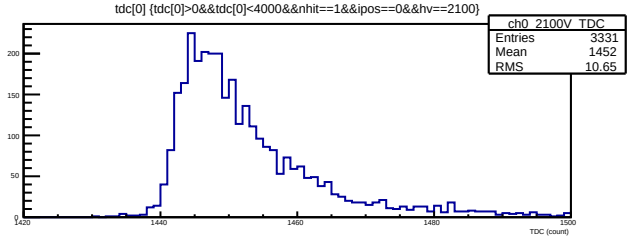

ch0_2250V
Entries 3643
Mean 106.9
RMS 227.2
χ² / ndf 39.92 / 29
Constant 488.7 ± 14.9
Mean 0.7316 ± 1.2599
Sigma 43.35 ± 1.16
Constant2 92.18 ± 4.51
Mean2 164 ± 6.9
Sigma2 158 ± 4.4
TTS:
21.8 ± 4.8 ps
time (ps)

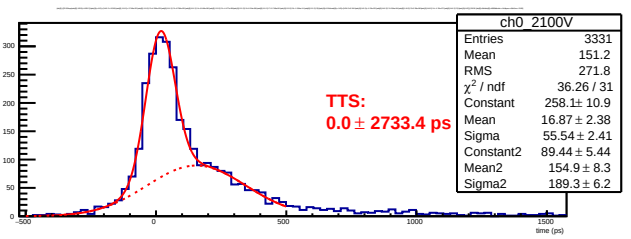

tdc[0] {tdc[0]>0&&tdc[0]<4000&&nhit==1&&ipos==0&&hv==2200}
ch0_2200V_TDC
Entries 3725
Mean 1444
RMS 8.956
TDC (count)


ch0_2200V
Entries 3725
Mean 99.41
RMS 220.7
χ² / ndf 47.78 / 29
Constant 429.8 ± 14.1
Mean −0.339 ± 1.525
Sigma 46.38 ± 1.43
Constant2 109.4 ± 5.7
Mean2 138.8 ± 6.1
Sigma2 146.7 ± 3.9
TTS:
27.3 ± 5.5 ps
time (ps)

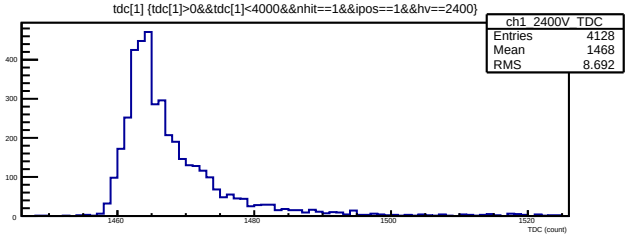

tdc[0] {tdc[0]>0&&tdc[0]<4000&&nhit==1&&ipos==0&&hv==2150}
ch0_2150V_TDC
Entries 3691
Mean 1448
RMS 10.09
TDC (count)

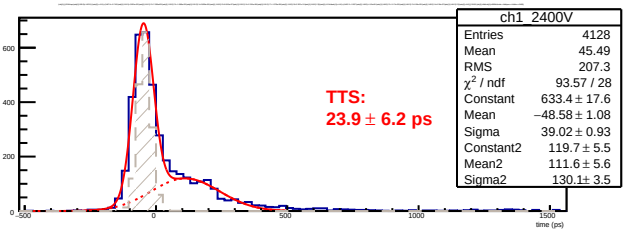

ch0_2150V
Entries 3691
Mean 121.2
RMS 256.7
χ² / ndf 50.59 / 30
Constant 377.6 ± 12.6
Mean 4.993 ± 1.698
Sigma 50.82 ± 1.65
Constant2 91.31 ± 5.46
Mean2 141 ± 7.2
Sigma2 171.9 ± 5.6
TTS:
34.3 ± 5.1 ps
time (ps)


tdc[0] {tdc[0]>0&&tdc[0]<4000&&nhit==1&&ipos==0&&hv==2100}
ch0_2100V_TDC
Entries 3331
Mean 1452
RMS 10.65
TDC (count)

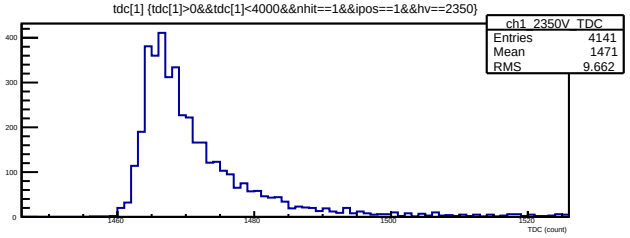

ch0_2100V
Entries 3331
Mean 151.2
RMS 271.8
χ² / ndf 36.26 / 31
Constant 258.1 ± 10.9
Mean 16.87 ± 2.38
Sigma 55.54 ± 2.41
Constant2 89.44 ± 5.44
Mean2 154.9 ± 8.3
Sigma2 189.3 ± 6.2
TTS:
0.0 ± 2733.4 ps
time (ps)

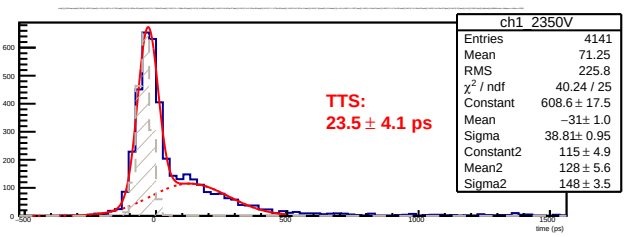
tdc[1] {tdc[1]>0&&tdc[1]<4000&&nhit==1&&ipos==1&&hv==2400}



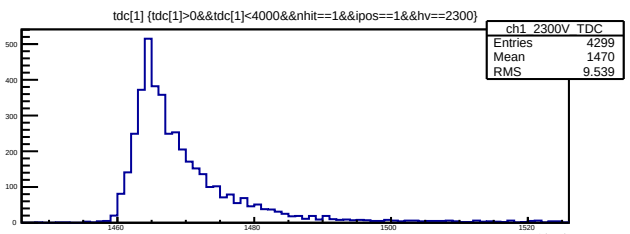


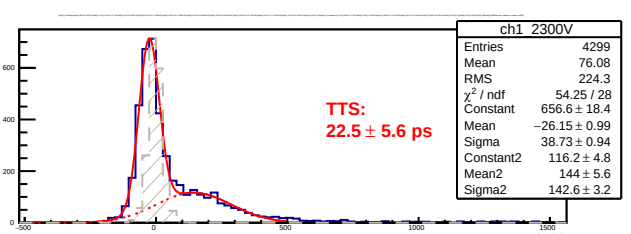
tdc[1] {tdc[1]>0&&tdc[1]<4000&&nhit==1&&ipos==1&&hv==2350}



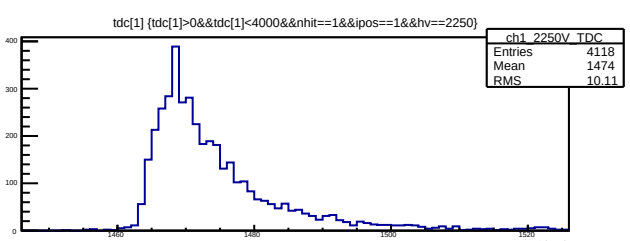


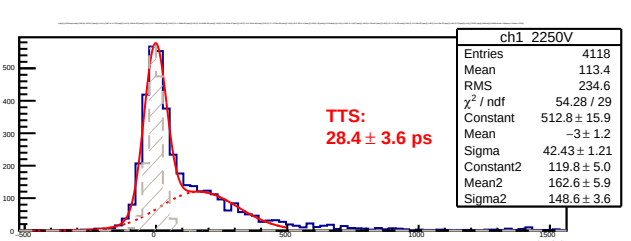
tdc[1] {tdc[1]>0&&tdc[1]<4000&&nhit==1&&ipos==1&&hv==2300}



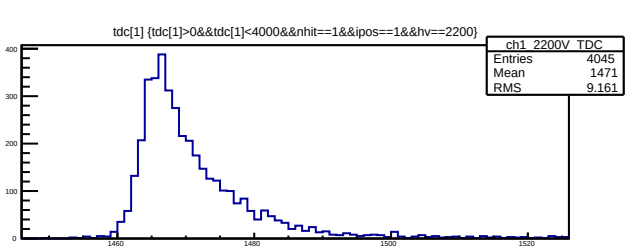


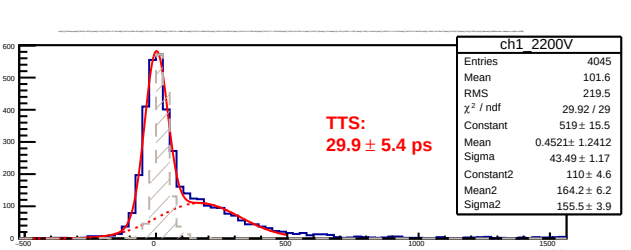
tdc[1] {tdc[1]>0&&tdc[1]<4000&&nhit==1&&ipos==1&&hv==2250}



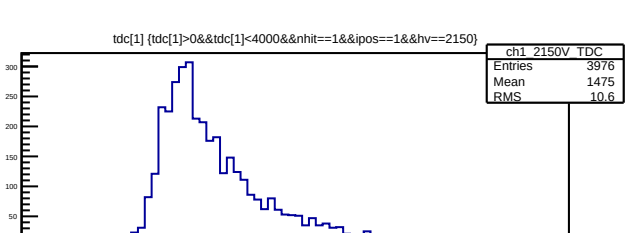


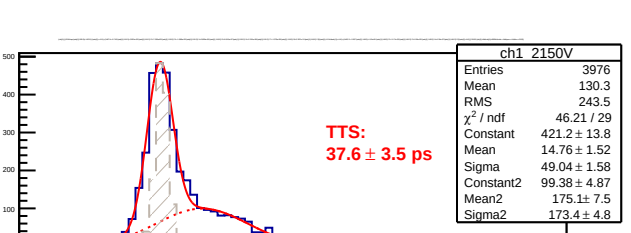
tdc[1] {tdc[1]>0&&tdc[1]<4000&&nhit==1&&ipos==1&&hv==2200}



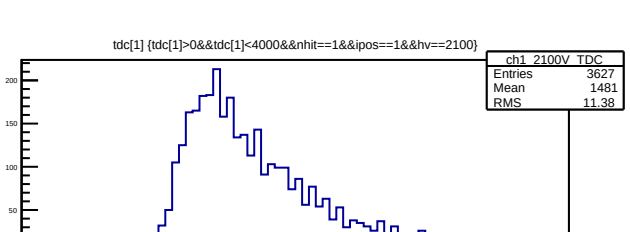


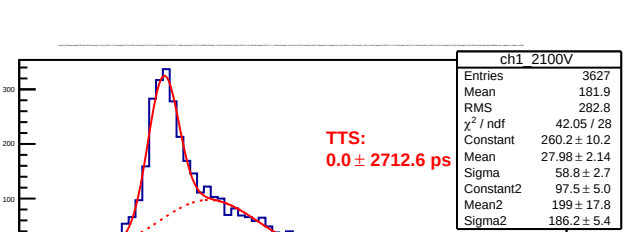
tdc[1] {tdc[1]>0&&tdc[1]<4000&&nhit==1&&ipos==1&&hv==2150}

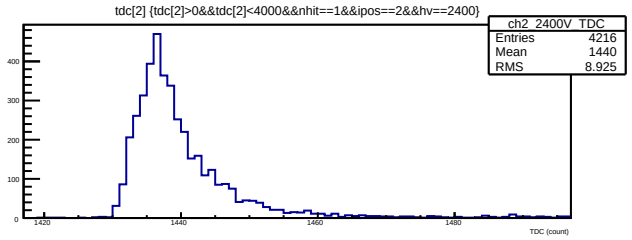


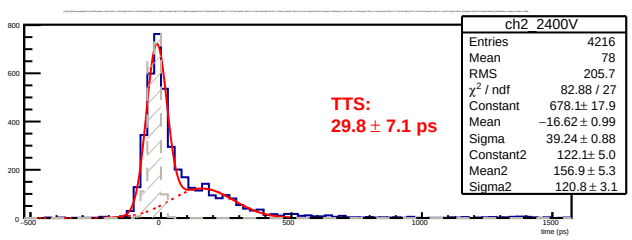


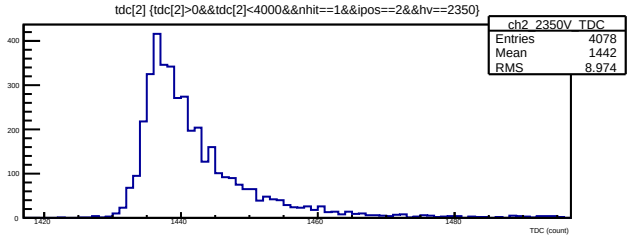
tdc[1] {tdc[1]>0&&tdc[1]<4000&&nhit==1&&ipos==1&&hv==2100}

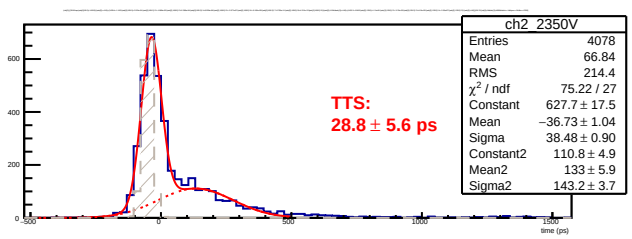


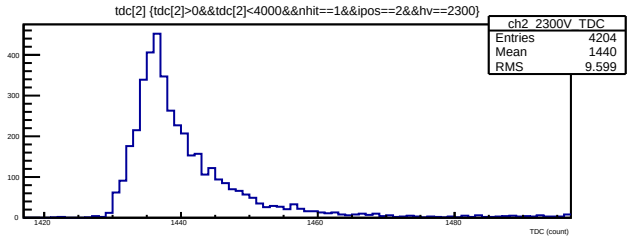


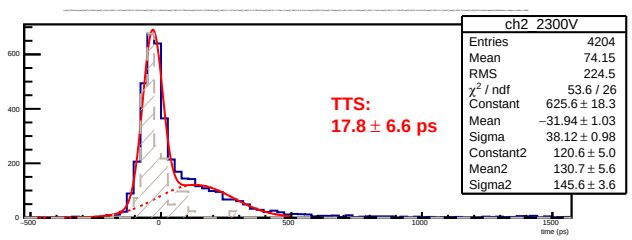

tdc[2] {tdc[2]>0&&tdc[2]<4000&&nhit==1&&ipos==2&&hv==2400}
ch2_2400V_TDC
Entries 4216
Mean 1440
RMS 8.925
TDC (count)

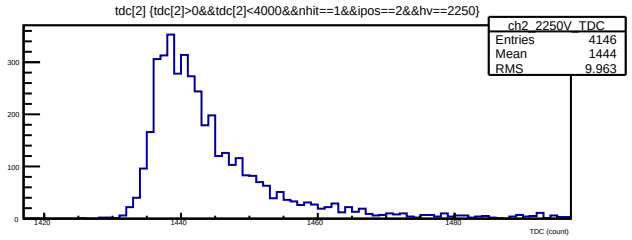

ch2_2400V
Entries 4216
Mean 78
RMS 205.7
χ² / ndf 82.88 / 27
Constant 678.1 ± 17.9
Mean −16.62 ± 0.99
Sigma 39.24 ± 0.88
Constant2 122.1 ± 5.0
Mean2 156.9 ± 5.3
Sigma2 120.8 ± 3.1
TTS:
29.8 ± 7.1 ps
time (ps)

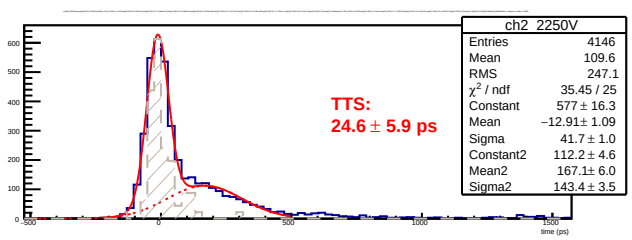

tdc[2] {tdc[2]>0&&tdc[2]<4000&&nhit==1&&ipos==2&&hv==2350}
ch2_2350V_TDC
Entries 4078
Mean 1442
RMS 8.974
TDC (count)

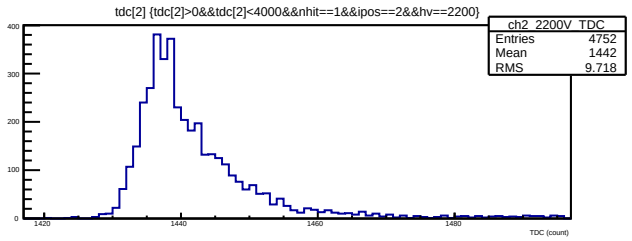

ch2_2350V
Entries 4078
Mean 66.84
RMS 214.4
χ² / ndf 75.22 / 27
Constant 627.7 ± 17.5
Mean −36.73 ± 1.04
Sigma 38.48 ± 0.90
Constant2 110.8 ± 4.9
Mean2 133 ± 5.9
Sigma2 143.2 ± 3.7
TTS:
28.8 ± 5.6 ps
time (ps)

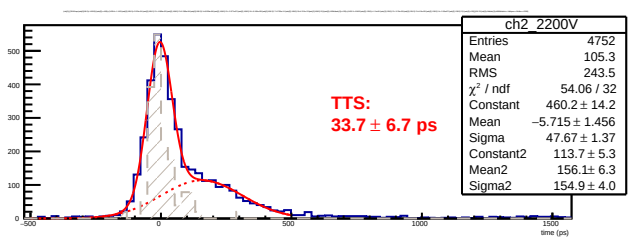

tdc[2] {tdc[2]>0&&tdc[2]<4000&&nhit==1&&ipos==2&&hv==2300}
ch2_2300V_TDC
Entries 4204
Mean 1440
RMS 9.599
TDC (count)

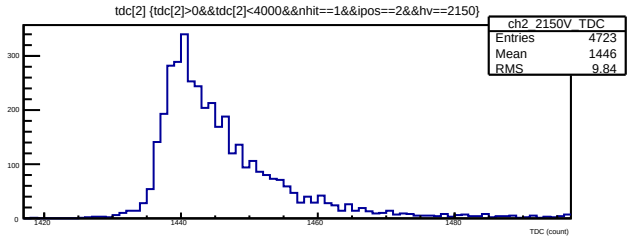

ch2_2300V
Entries 4204
Mean 74.15
RMS 224.5
χ² / ndf 53.6 / 26
Constant 625.6 ± 18.3
Mean −31.94 ± 1.03
Sigma 38.12 ± 0.98
Constant2 120.6 ± 5.0
Mean2 130.7 ± 5.6
Sigma2 145.6 ± 3.6
TTS:
17.8 ± 6.6 ps
time (ps)

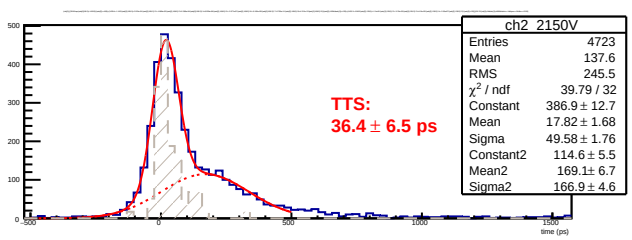

tdc[2] {tdc[2]>0&&tdc[2]<4000&&nhit==1&&ipos==2&&hv==2250}
ch2_2250V_TDC
Entries 4146
Mean 1444
RMS 9.963
TDC (count)

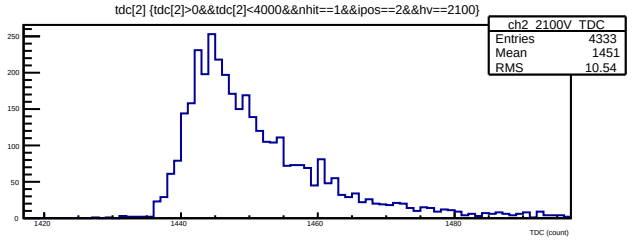

ch2_2250V
Entries 4146
Mean 109.6
RMS 247.1
χ² / ndf 35.45 / 25
Constant 577 ± 16.3
Mean −12.91 ± 1.09
Sigma 41.7 ± 1.0
Constant2 112.2 ± 4.6
Mean2 167.1 ± 6.0
Sigma2 143.4 ± 3.5
TTS:
24.6 ± 5.9 ps
time (ps)

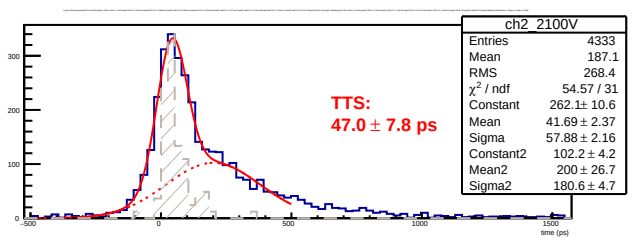

tdc[2] {tdc[2]>0&&tdc[2]<4000&&nhit==1&&ipos==2&&hv==2200}
ch2_2200V_TDC
Entries 4752
Mean 1442
RMS 9.718
TDC (count)


ch2_2200V
Entries 4752
Mean 105.3
RMS 243.5
χ² / ndf 54.06 / 32
Constant 460.2 ± 14.2
Mean −5.715 ± 1.456
Sigma 47.67 ± 1.37
Constant2 113.7 ± 5.3
Mean2 156.1 ± 6.3
Sigma2 154.9 ± 4.0
TTS:
33.7 ± 6.7 ps
time (ps)

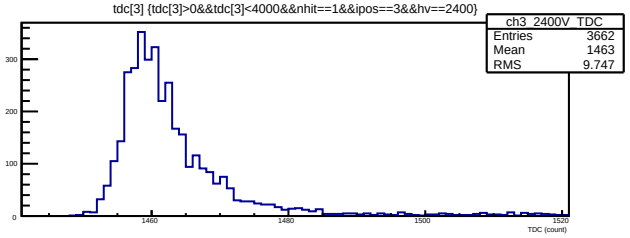

tdc[2] {tdc[2]>0&&tdc[2]<4000&&nhit==1&&ipos==2&&hv==2150}
ch2_2150V_TDC
Entries 4723
Mean 1446
RMS 9.84
TDC (count)

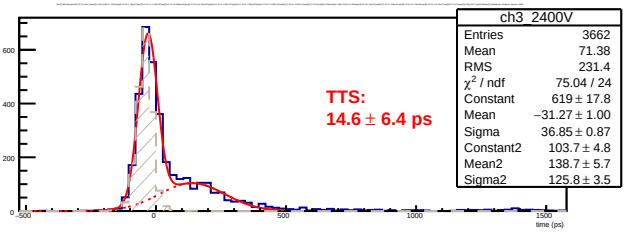

ch2_2150V
Entries 4723
Mean 137.6
RMS 245.5
χ² / ndf 39.79 / 32
Constant 386.9 ± 12.7
Mean 17.82 ± 1.68
Sigma 49.58 ± 1.76
Constant2 114.6 ± 5.5
Mean2 169.1 ± 6.7
Sigma2 166.9 ± 4.6
TTS:
36.4 ± 6.5 ps
time (ps)


tdc[2] {tdc[2]>0&&tdc[2]<4000&&nhit==1&&ipos==2&&hv==2100}
ch2_2100V_TDC
Entries 4333
Mean 1451
RMS 10.54
TDC (count)

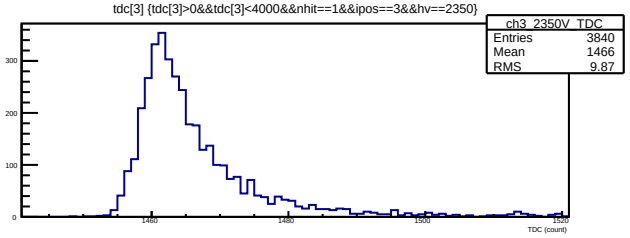

ch2_2100V
Entries 4333
Mean 187.1
RMS 268.4
χ² / ndf 54.57 / 31
Constant 262.1 ± 10.6
Mean 41.69 ± 2.37
Sigma 57.88 ± 2.16
Constant2 102.2 ± 4.2
Mean2 200 ± 26.7
Sigma2 180.6 ± 4.7
TTS:
47.0 ± 7.8 ps
time (ps)

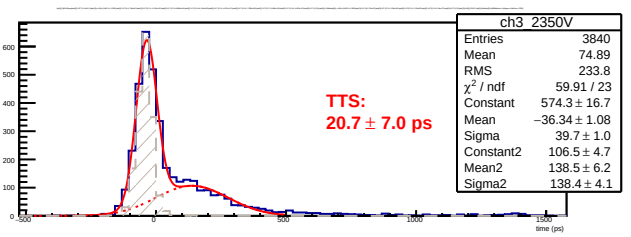
tdc[3] {tdc[3]>0&&tdc[3]<4000&&nhit==1&&ipos==3&&hv==2400}



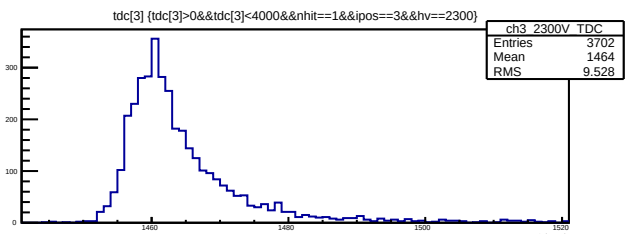


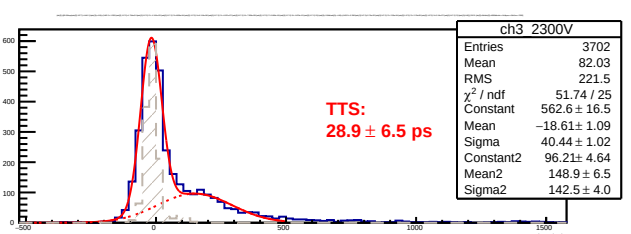
tdc[3] {tdc[3]>0&&tdc[3]<4000&&nhit==1&&ipos==3&&hv==2350}



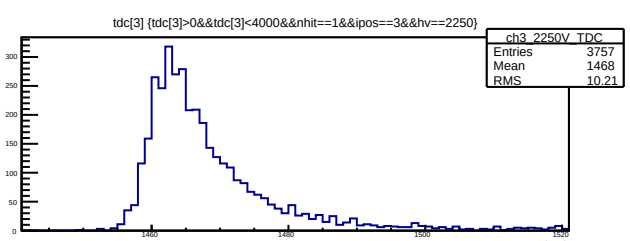


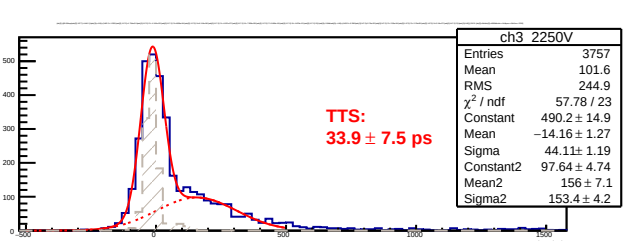
tdc[3] {tdc[3]>0&&tdc[3]<4000&&nhit==1&&ipos==3&&hv==2300}



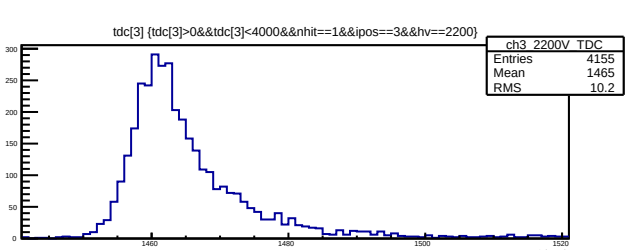


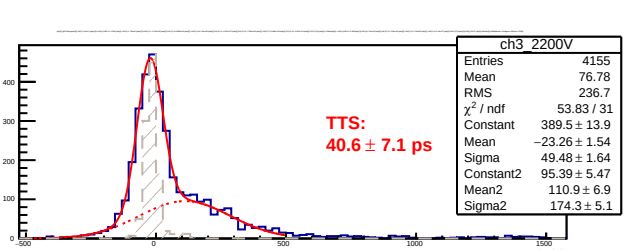
tdc[3] {tdc[3]>0&&tdc[3]<4000&&nhit==1&&ipos==3&&hv==2250}



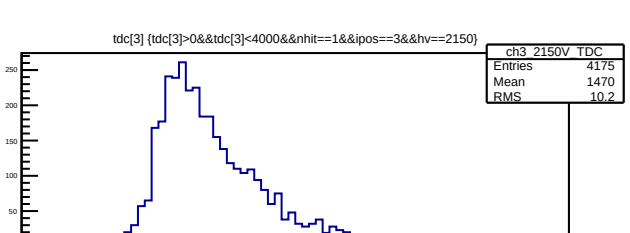


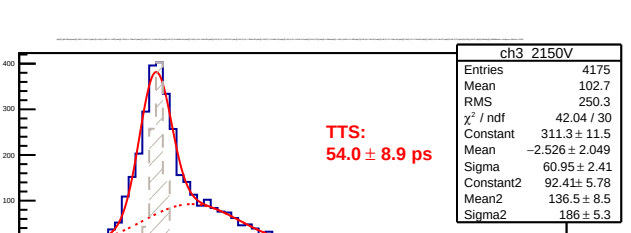
tdc[3] {tdc[3]>0&&tdc[3]<4000&&nhit==1&&ipos==3&&hv==2200}



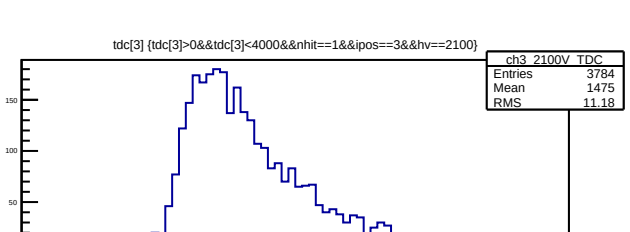


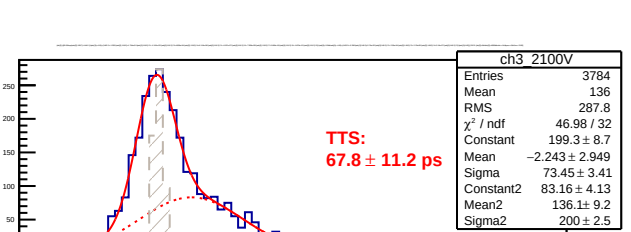
tdc[3] {tdc[3]>0&&tdc[3]<4000&&nhit==1&&ipos==3&&hv==2150}

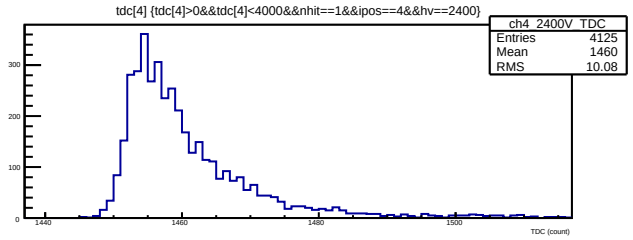


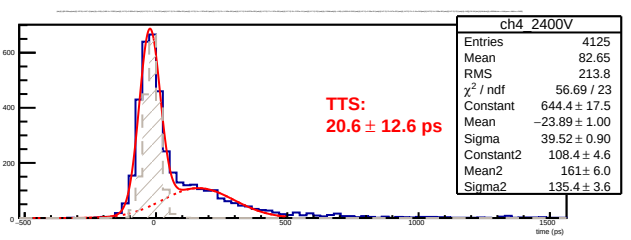


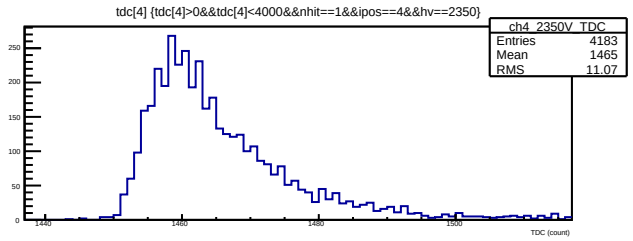
tdc[3] {tdc[3]>0&&tdc[3]<4000&&nhit==1&&ipos==3&&hv==2100}

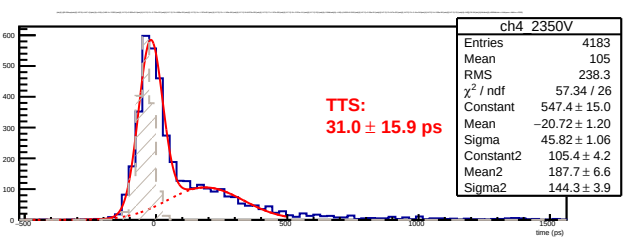


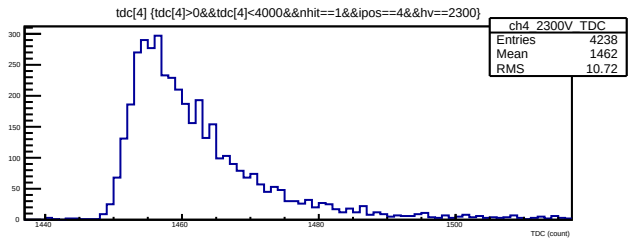


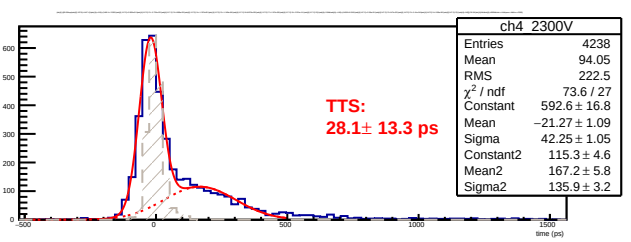

tdc[4] {tdc[4]>0&&tdc[4]<4000&&nhit==1&&ipos==4&&hv==2400}
ch4_2400V_TDC
Entries 4125
Mean 1460
RMS 10.08
TDC (count)

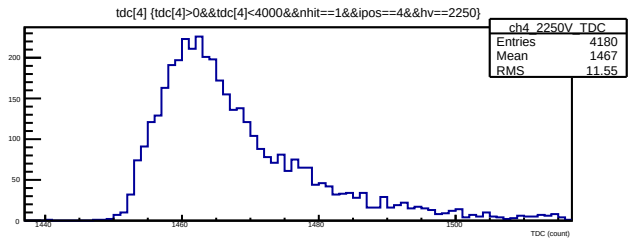

ch4_2400V
Entries 4125
Mean 82.65
RMS 213.8
χ² / ndf 56.69 / 23
Constant 644.4 ± 17.5
Mean −23.89 ± 1.00
Sigma 39.52 ± 0.90
Constant2 108.4 ± 4.6
Mean2 161± 6.0
Sigma2 135.4 ± 3.6
TTS:
20.6 ± 12.6 ps
time (ps)

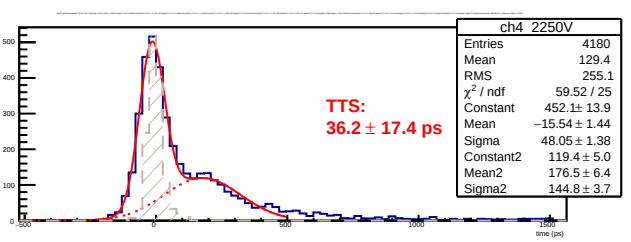

tdc[4] {tdc[4]>0&&tdc[4]<4000&&nhit==1&&ipos==4&&hv==2350}
ch4_2350V_TDC
Entries 4183
Mean 1465
RMS 11.07
TDC (count)

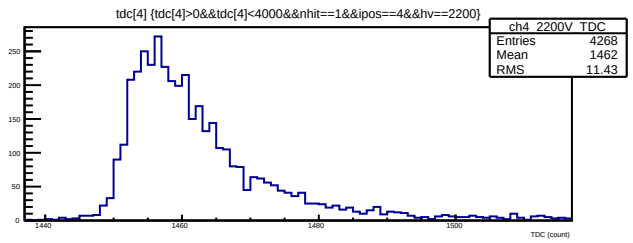

ch4_2350V
Entries 4183
Mean 105
RMS 238.3
χ² / ndf 57.34 / 26
Constant 547.4 ± 15.0
Mean −20.72 ± 1.20
Sigma 45.82 ± 1.06
Constant2 105.4 ± 4.2
Mean2 187.7 ± 6.6
Sigma2 144.3 ± 3.9
TTS:
31.0 ± 15.9 ps
time (ps)

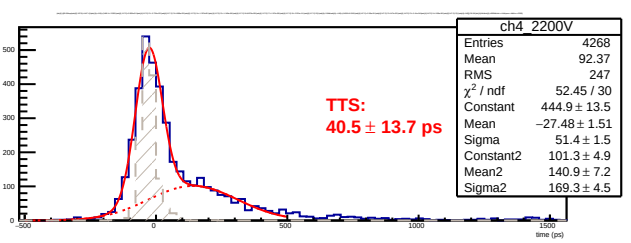

tdc[4] {tdc[4]>0&&tdc[4]<4000&&nhit==1&&ipos==4&&hv==2300}
ch4_2300V_TDC
Entries 4238
Mean 1462
RMS 10.72
TDC (count)

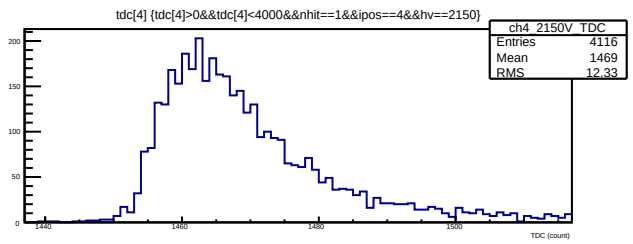

ch4_2300V
Entries 4238
Mean 94.05
RMS 222.5
χ² / ndf 73.6 / 27
Constant 592.6 ± 16.8
Mean −21.27 ± 1.09
Sigma 42.25 ± 1.05
Constant2 115.3 ± 4.6
Mean2 167.2 ± 5.8
Sigma2 135.9 ± 3.2
TTS:
28.1± 13.3 ps
time (ps)

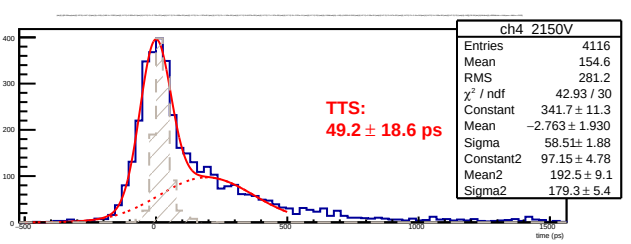

tdc[4] {tdc[4]>0&&tdc[4]<4000&&nhit==1&&ipos==4&&hv==2250}
ch4_2250V_TDC
Entries 4180
Mean 1467
RMS 11.55
TDC (count)

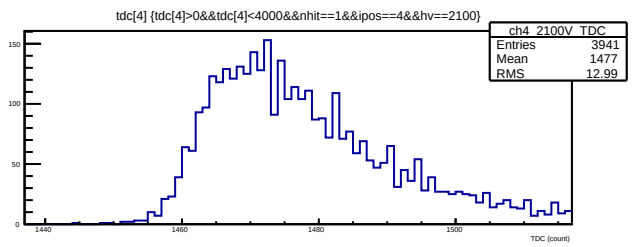

ch4_2250V
Entries 4180
Mean 129.4
RMS 255.1
χ² / ndf 59.52 / 25
Constant 452.1± 13.9
Mean −15.54 ± 1.44
Sigma 48.05 ± 1.38
Constant2 119.4 ± 5.0
Mean2 176.5 ± 6.4
Sigma2 144.8 ± 3.7
TTS:
36.2 ± 17.4 ps
time (ps)

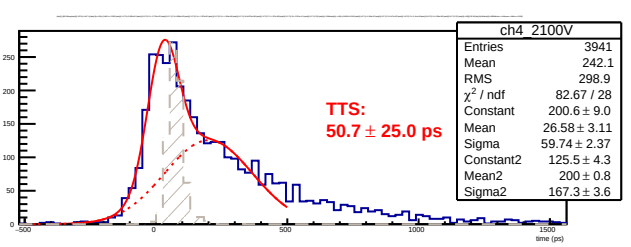

tdc[4] {tdc[4]>0&&tdc[4]<4000&&nhit==1&&ipos==4&&hv==2200}
ch4_2200V_TDC
Entries 4268
Mean 1462
RMS 11.43
TDC (count)

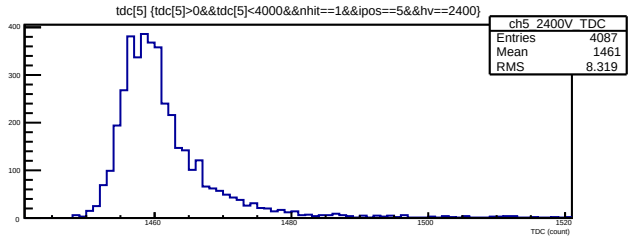

ch4_2200V
Entries 4268
Mean 92.37
RMS 247
χ² / ndf 52.45 / 30
Constant 444.9 ± 13.5
Mean −27.48 ± 1.51
Sigma 51.4 ± 1.5
Constant2 101.3 ± 4.9
Mean2 140.9 ± 7.2
Sigma2 169.3 ± 4.5
TTS:
40.5 ± 13.7 ps
time (ps)

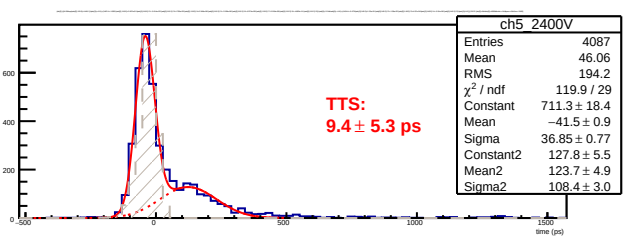

tdc[4] {tdc[4]>0&&tdc[4]<4000&&nhit==1&&ipos==4&&hv==2150}
ch4_2150V_TDC
Entries 4116
Mean 1469
RMS 12.33
TDC (count)

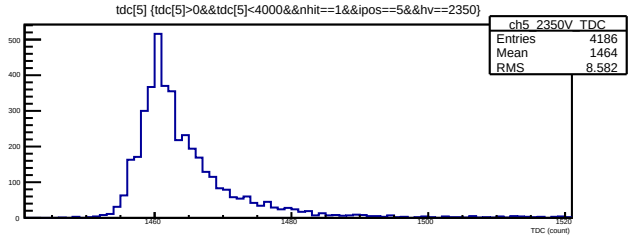

ch4_2150V
Entries 4116
Mean 154.6
RMS 281.2
χ² / ndf 42.93 / 30
Constant 341.7 ± 11.3
Mean −2.763 ± 1.930
Sigma 58.51± 1.88
Constant2 97.15 ± 4.78
Mean2 192.5 ± 9.1
Sigma2 179.3 ± 5.4
TTS:
49.2 ± 18.6 ps
time (ps)

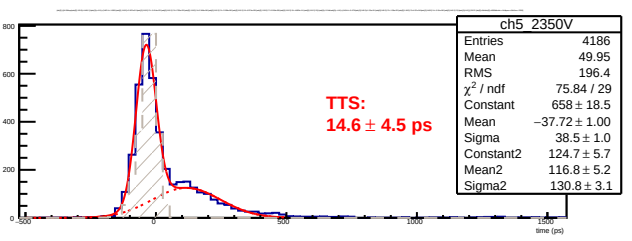

tdc[4] {tdc[4]>0&&tdc[4]<4000&&nhit==1&&ipos==4&&hv==2100}
ch4_2100V_TDC
Entries 3941
Mean 1477
RMS 12.99
TDC (count)

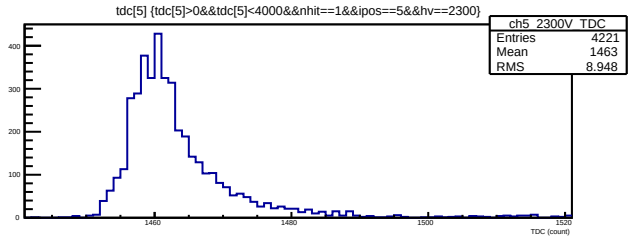

ch4_2100V
Entries 3941
Mean 242.1
RMS 298.9
χ² / ndf 82.67 / 28
Constant 200.6 ± 9.0
Mean 26.58 ± 3.11
Sigma 59.74 ± 2.37
Constant2 125.5 ± 4.3
Mean2 200 ± 0.8
Sigma2 167.3 ± 3.6
TTS:
50.7 ± 25.0 ps
time (ps)

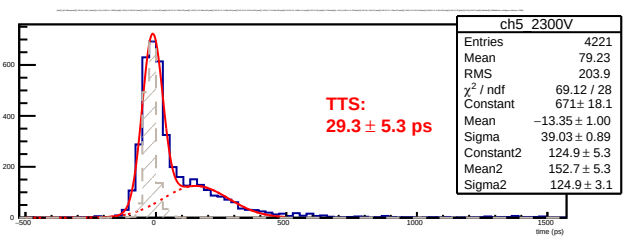

tdc[5] {tdc[5]>0&&tdc[5]<4000&&nhit==1&&ipos==5&&hv==2400}
ch5_2400V_TDC
Entries 4087
Mean 1461
RMS 8.319
TDC (count)

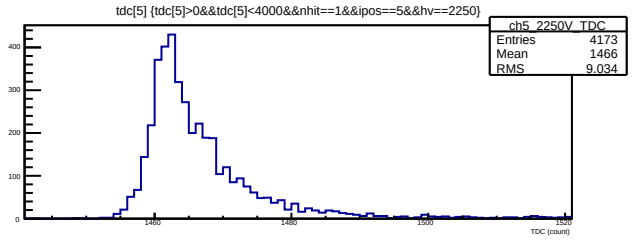

ch5_2400V
Entries 4087
Mean 46.06
RMS 194.2
χ² / ndf 119.9 / 29
Constant 711.3 ± 18.4
Mean −41.5 ± 0.9
Sigma 36.85 ± 0.77
Constant2 127.8 ± 5.5
Mean2 123.7 ± 4.9
Sigma2 108.4 ± 3.0
TTS:
9.4 ± 5.3 ps
time (ps)

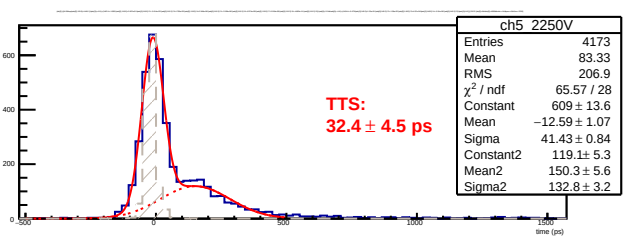

tdc[5] {tdc[5]>0&&tdc[5]<4000&&nhit==1&&ipos==5&&hv==2350}
ch5_2350V_TDC
Entries 4186
Mean 1464
RMS 8.582
TDC (count)

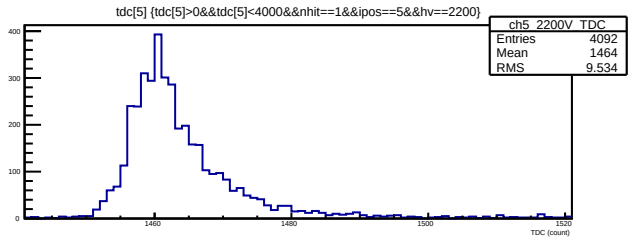

ch5_2350V
Entries 4186
Mean 49.95
RMS 196.4
χ² / ndf 75.84 / 29
Constant 658 ± 18.5
Mean −37.72 ± 1.00
Sigma 38.5 ± 1.0
Constant2 124.7 ± 5.7
Mean2 116.8 ± 5.2
Sigma2 130.8 ± 3.1
TTS:
14.6 ± 4.5 ps
time (ps)

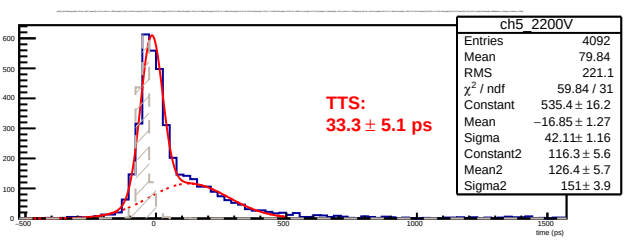

tdc[5] {tdc[5]>0&&tdc[5]<4000&&nhit==1&&ipos==5&&hv==2300}
ch5_2300V_TDC
Entries 4221
Mean 1463
RMS 8.948
TDC (count)

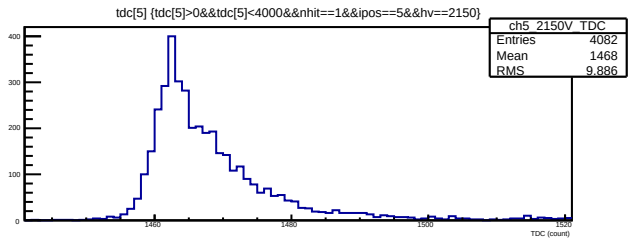

ch5_2300V
Entries 4221
Mean 79.23
RMS 203.9
χ² / ndf 69.12 / 28
Constant 671± 18.1
Mean −13.35 ± 1.00
Sigma 39.03 ± 0.89
Constant2 124.9 ± 5.3
Mean2 152.7 ± 5.3
Sigma2 124.9 ± 3.1
TTS:
29.3 ± 5.3 ps
time (ps)

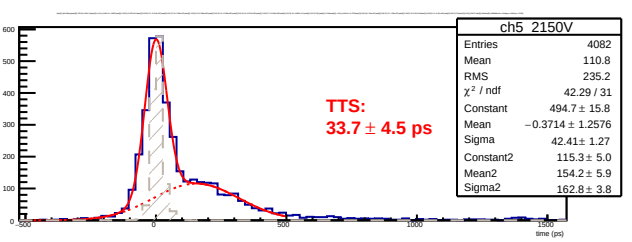

tdc[5] {tdc[5]>0&&tdc[5]<4000&&nhit==1&&ipos==5&&hv==2250}
ch5_2250V_TDC
Entries 4173
Mean 1466
RMS 9.034
TDC (count)

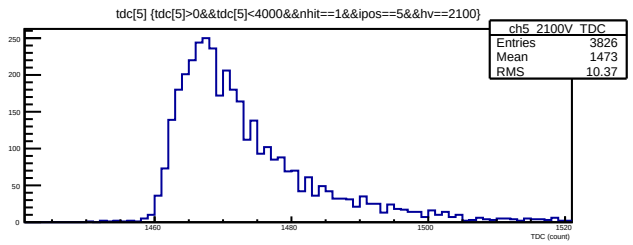

ch5_2250V
Entries 4173
Mean 83.33
RMS 206.9
χ² / ndf 65.57 / 28
Constant 609 ± 13.6
Mean −12.59 ± 1.07
Sigma 41.43 ± 0.84
Constant2 119.1± 5.3
Mean2 150.3 ± 5.6
Sigma2 132.8 ± 3.2
TTS:
32.4 ± 4.5 ps
time (ps)

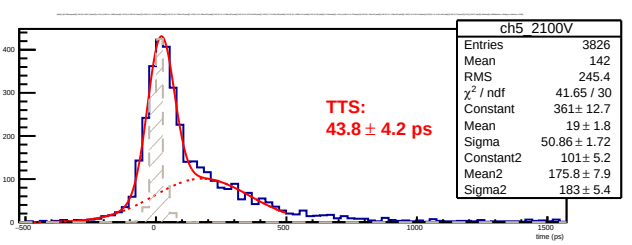

tdc[5] {tdc[5]>0&&tdc[5]<4000&&nhit==1&&ipos==5&&hv==2200}
ch5_2200V_TDC
Entries 4092
Mean 1464
RMS 9.534
TDC (count)

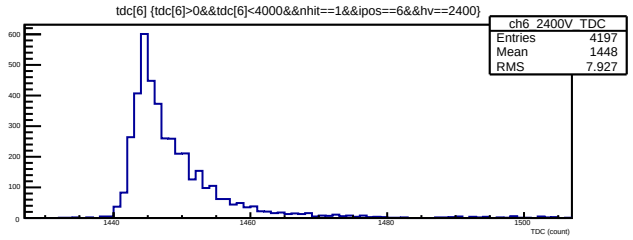

ch5_2200V
Entries 4092
Mean 79.84
RMS 221.1
χ² / ndf 59.84 / 31
Constant 535.4 ± 16.2
Mean −16.85 ± 1.27
Sigma 42.11± 1.16
Constant2 116.3 ± 5.6
Mean2 126.4 ± 5.7
Sigma2 151± 3.9
TTS:
33.3 ± 5.1 ps
time (ps)

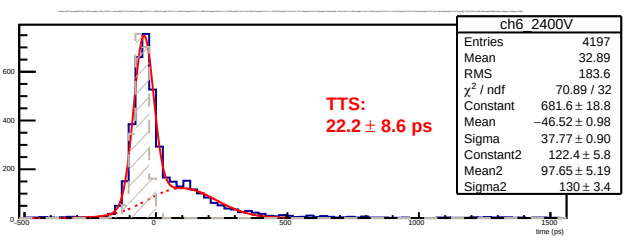

tdc[5] {tdc[5]>0&&tdc[5]<4000&&nhit==1&&ipos==5&&hv==2150}
ch5_2150V_TDC
Entries 4082
Mean 1468
RMS 9.886
TDC (count)

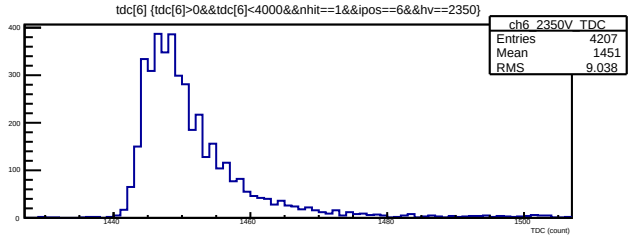

ch5_2150V
Entries 4082
Mean 110.8
RMS 235.2
χ² / ndf 42.29 / 31
Constant 494.7 ± 15.8
Mean −0.3714 ± 1.2576
Sigma 42.41± 1.27
Constant2 115.3 ± 5.0
Mean2 154.2 ± 5.9
Sigma2 162.8 ± 3.8
TTS:
33.7 ± 4.5 ps
time (ps)

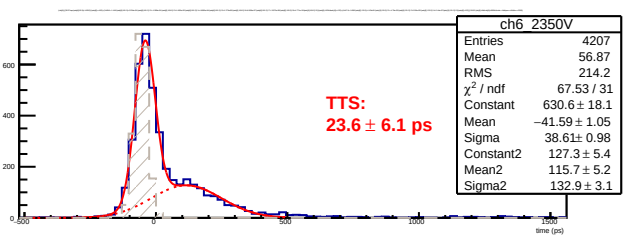

tdc[5] {tdc[5]>0&&tdc[5]<4000&&nhit==1&&ipos==5&&hv==2100}
ch5_2100V_TDC
Entries 3826
Mean 1473
RMS 10.37
TDC (count)

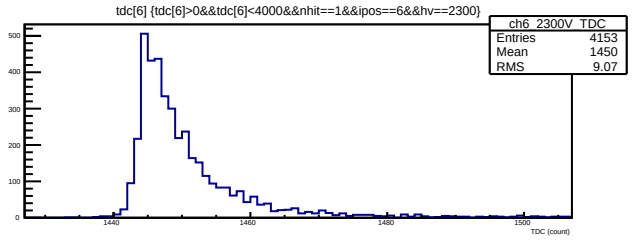

ch5_2100V
Entries 3826
Mean 142
RMS 245.4
χ² / ndf 41.65 / 30
Constant 361± 12.7
Mean 19 ± 1.8
Sigma 50.86 ± 1.72
Constant2 101± 5.2
Mean2 175.8 ± 7.9
Sigma2 183 ± 5.4
TTS:
43.8 ± 4.2 ps
time (ps)

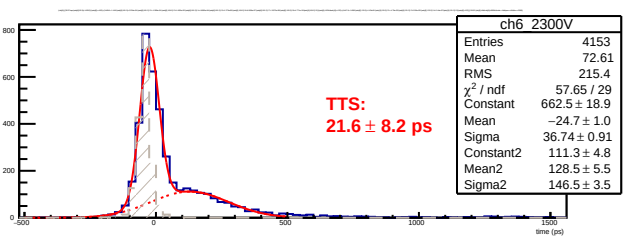

tdc[6] {tdc[6]>0&&tdc[6]<4000&&nhit==1&&ipos==6&&hv==2400}
ch6_2400V_TDC
Entries 4197
Mean 1448
RMS 7.927
TDC (count)

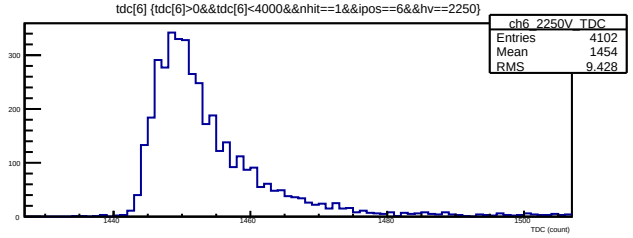

ch6_2400V
Entries 4197
Mean 32.89
RMS 183.6
χ² / ndf 70.89 / 32
Constant 681.6 ± 18.8
Mean −46.52 ± 0.98
Sigma 37.77 ± 0.90
Constant2 122.4 ± 5.8
Mean2 97.65 ± 5.19
Sigma2 130 ± 3.4
TTS:
22.2 ± 8.6 ps
time (ps)

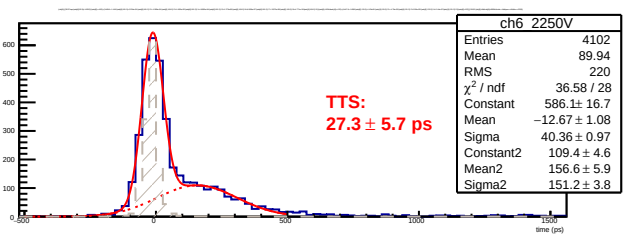

tdc[6] {tdc[6]>0&&tdc[6]<4000&&nhit==1&&ipos==6&&hv==2350}
ch6_2350V_TDC
Entries 4207
Mean 1451
RMS 9.038
TDC (count)

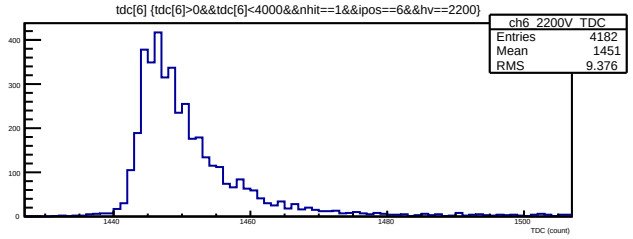

ch6_2350V
Entries 4207
Mean 56.87
RMS 214.2
χ² / ndf 67.53 / 31
Constant 630.6 ± 18.1
Mean −41.59 ± 1.05
Sigma 38.61 ± 0.98
Constant2 127.3 ± 5.4
Mean2 115.7 ± 5.2
Sigma2 132.9 ± 3.1
TTS:
23.6 ± 6.1 ps
time (ps)

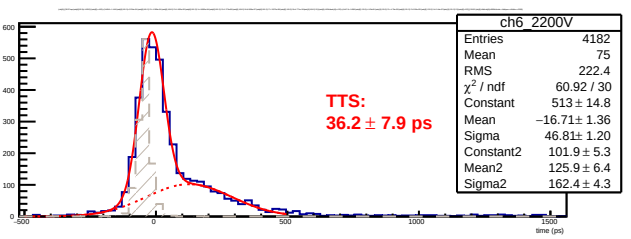

tdc[6] {tdc[6]>0&&tdc[6]<4000&&nhit==1&&ipos==6&&hv==2300}
ch6_2300V_TDC
Entries 4153
Mean 1450
RMS 9.07
TDC (count)

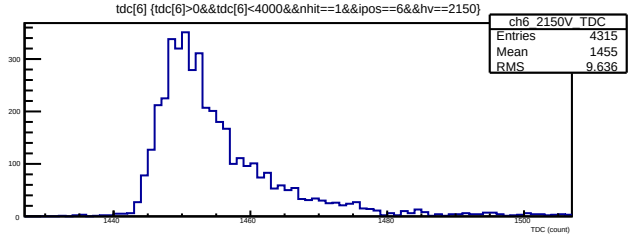

ch6_2300V
Entries 4153
Mean 72.61
RMS 215.4
χ² / ndf 57.65 / 29
Constant 662.5 ± 18.9
Mean −24.7 ± 1.0
Sigma 36.74 ± 0.91
Constant2 111.3 ± 4.8
Mean2 128.5 ± 5.5
Sigma2 146.5 ± 3.5
TTS:
21.6 ± 8.2 ps
time (ps)

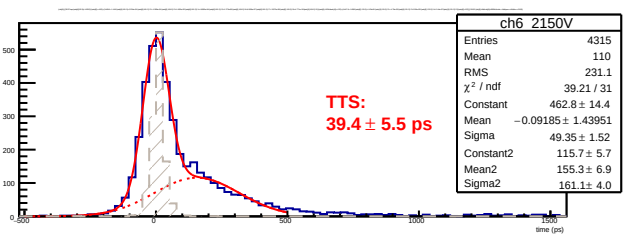

tdc[6] {tdc[6]>0&&tdc[6]<4000&&nhit==1&&ipos==6&&hv==2250}
ch6_2250V_TDC
Entries 4102
Mean 1454
RMS 9.428
TDC (count)

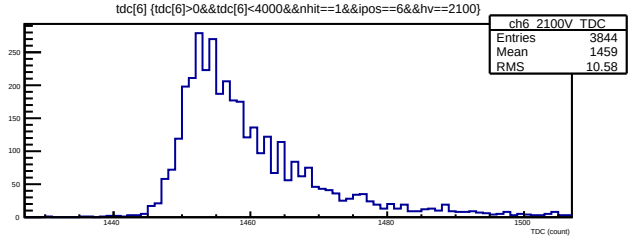

ch6_2250V
Entries 4102
Mean 89.94
RMS 220
χ² / ndf 36.58 / 28
Constant 586.1 ± 16.7
Mean −12.67 ± 1.08
Sigma 40.36 ± 0.97
Constant2 109.4 ± 4.6
Mean2 156.6 ± 5.9
Sigma2 151.2 ± 3.8
TTS:
27.3 ± 5.7 ps
time (ps)

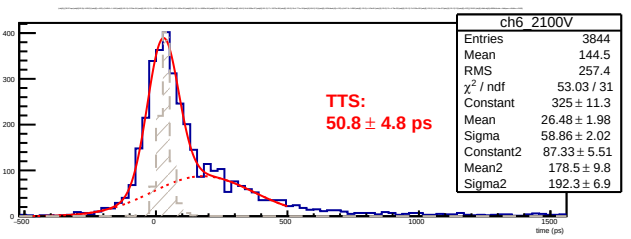

tdc[6] {tdc[6]>0&&tdc[6]<4000&&nhit==1&&ipos==6&&hv==2200}
ch6_2200V_TDC
Entries 4182
Mean 1451
RMS 9.376
TDC (count)

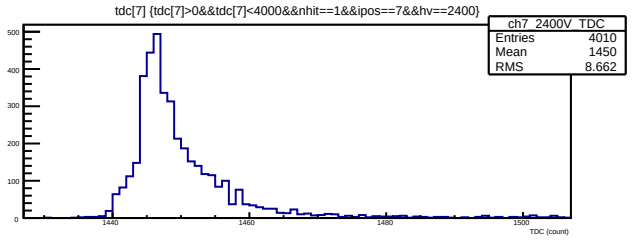

ch6_2200V
Entries 4182
Mean 75
RMS 222.4
χ² / ndf 60.92 / 30
Constant 513 ± 14.8
Mean −16.71 ± 1.36
Sigma 46.81 ± 1.20
Constant2 101.9 ± 5.3
Mean2 125.9 ± 6.4
Sigma2 162.4 ± 4.3
TTS:
36.2 ± 7.9 ps
time (ps)

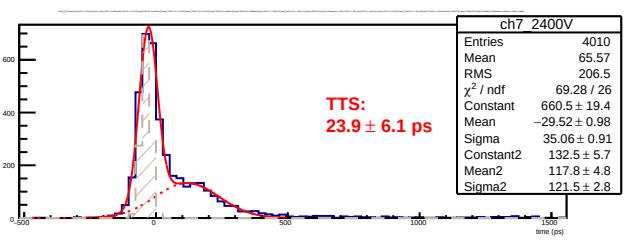

tdc[6] {tdc[6]>0&&tdc[6]<4000&&nhit==1&&ipos==6&&hv==2150}
ch6_2150V_TDC
Entries 4315
Mean 1455
RMS 9.636
TDC (count)

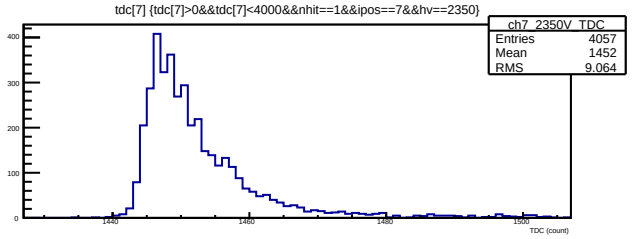

ch6_2150V
Entries 4315
Mean 110
RMS 231.1
χ² / ndf 39.21 / 31
Constant 462.8 ± 14.4
Mean −0.09185 ± 1.43951
Sigma 49.35 ± 1.52
Constant2 115.7 ± 5.7
Mean2 155.3 ± 6.9
Sigma2 161.1 ± 4.0
TTS:
39.4 ± 5.5 ps
time (ps)

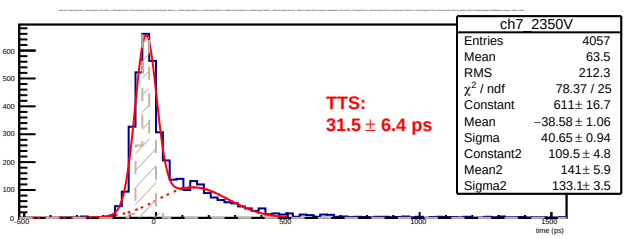

tdc[6] {tdc[6]>0&&tdc[6]<4000&&nhit==1&&ipos==6&&hv==2100}
ch6_2100V_TDC
Entries 3844
Mean 1459
RMS 10.58
TDC (count)

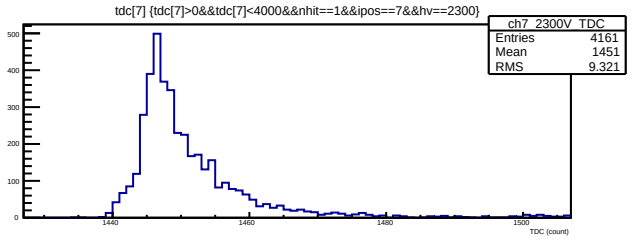

ch6_2100V
Entries 3844
Mean 144.5
RMS 257.4
χ² / ndf 53.03 / 31
Constant 325 ± 11.3
Mean 26.48 ± 1.98
Sigma 58.86 ± 2.02
Constant2 87.33 ± 5.51
Mean2 178.5 ± 9.8
Sigma2 192.3 ± 6.9
TTS:
50.8 ± 4.8 ps
time (ps)

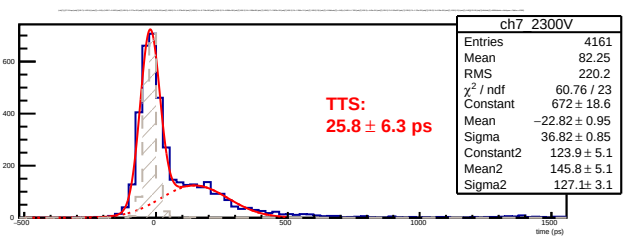

tdc[7] {tdc[7]>0&&tdc[7]<4000&&nhit==1&&ipos==7&&hv==2400}
ch7_2400V_TDC
Entries 4010
Mean 1450
RMS 8.662
TDC (count)

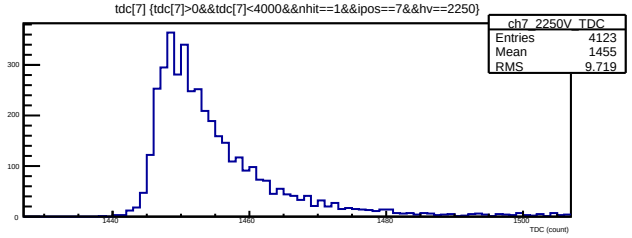

ch7_2400V
Entries 4010
Mean 65.57
RMS 206.5
χ² / ndf 69.28 / 26
Constant 660.5 ± 19.4
Mean −29.52 ± 0.98
Sigma 35.06 ± 0.91
Constant2 132.5 ± 5.7
Mean2 117.8 ± 4.8
Sigma2 121.5 ± 2.8
TTS:
23.9 ± 6.1 ps
time (ps)

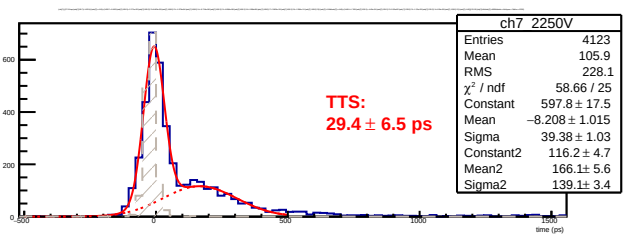

tdc[7] {tdc[7]>0&&tdc[7]<4000&&nhit==1&&ipos==7&&hv==2350}
ch7_2350V_TDC
Entries 4057
Mean 1452
RMS 9.064
TDC (count)

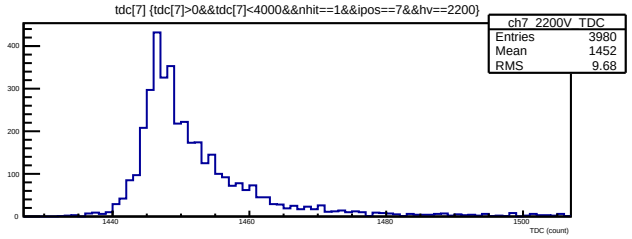

ch7_2350V
Entries 4057
Mean 63.5
RMS 212.3
χ² / ndf 78.37 / 25
Constant 611 ± 16.7
Mean −38.58 ± 1.06
Sigma 40.65 ± 0.94
Constant2 109.5 ± 4.8
Mean2 141 ± 5.9
Sigma2 133.1 ± 3.5
TTS:
31.5 ± 6.4 ps
time (ps)

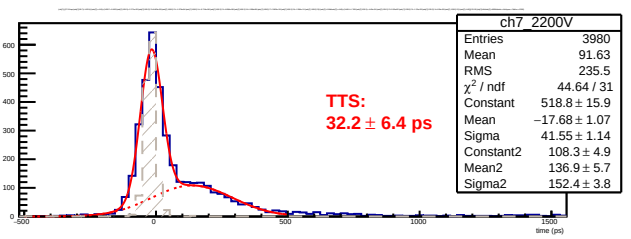

tdc[7] {tdc[7]>0&&tdc[7]<4000&&nhit==1&&ipos==7&&hv==2300}
ch7_2300V_TDC
Entries 4161
Mean 1451
RMS 9.321
TDC (count)

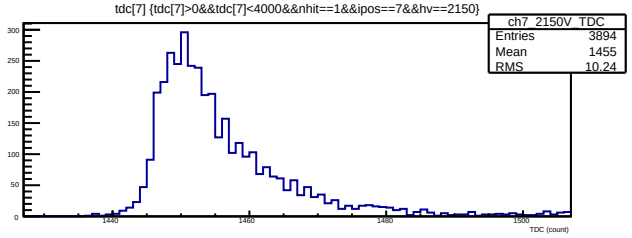

ch7_2300V
Entries 4161
Mean 82.25
RMS 220.2
χ² / ndf 60.76 / 23
Constant 672 ± 18.6
Mean −22.82 ± 0.95
Sigma 36.82 ± 0.85
Constant2 123.9 ± 5.1
Mean2 145.8 ± 5.1
Sigma2 127.1 ± 3.1
TTS:
25.8 ± 6.3 ps
time (ps)

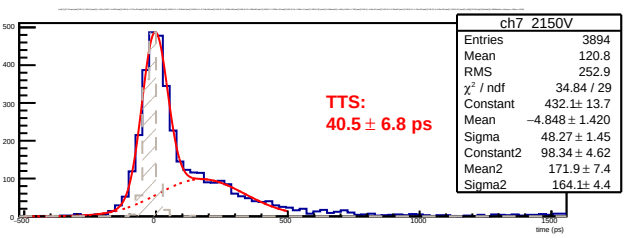

tdc[7] {tdc[7]>0&&tdc[7]<4000&&nhit==1&&ipos==7&&hv==2250}
ch7_2250V_TDC
Entries 4123
Mean 1455
RMS 9.719
TDC (count)

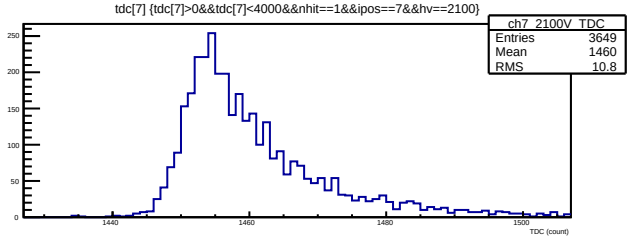

ch7_2250V
Entries 4123
Mean 105.9
RMS 228.1
χ² / ndf 58.66 / 25
Constant 597.8 ± 17.5
Mean −8.208 ± 1.015
Sigma 39.38 ± 1.03
Constant2 116.2 ± 4.7
Mean2 166.1 ± 5.6
Sigma2 139.1 ± 3.4
TTS:
29.4 ± 6.5 ps
time (ps)

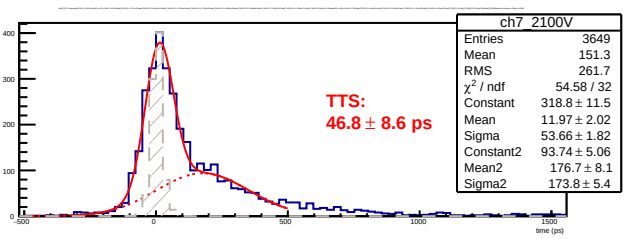

tdc[7] {tdc[7]>0&&tdc[7]<4000&&nhit==1&&ipos==7&&hv==2200}
ch7_2200V_TDC
Entries 3980
Mean 1452
RMS 9.68
TDC (count)

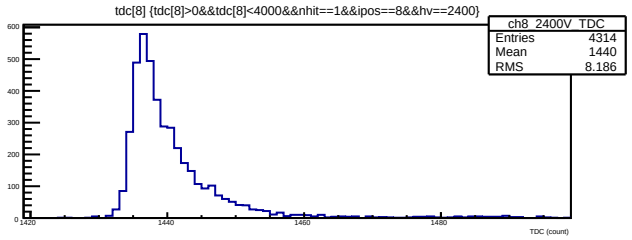

ch7_2200V
Entries 3980
Mean 91.63
RMS 235.5
χ² / ndf 44.64 / 31
Constant 518.8 ± 15.9
Mean −17.68 ± 1.07
Sigma 41.55 ± 1.14
Constant2 108.3 ± 4.9
Mean2 136.9 ± 5.7
Sigma2 152.4 ± 3.8
TTS:
32.2 ± 6.4 ps
time (ps)

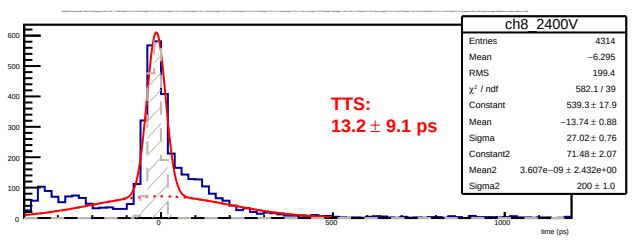

tdc[7] {tdc[7]>0&&tdc[7]<4000&&nhit==1&&ipos==7&&hv==2150}
ch7_2150V_TDC
Entries 3894
Mean 1455
RMS 10.24
TDC (count)

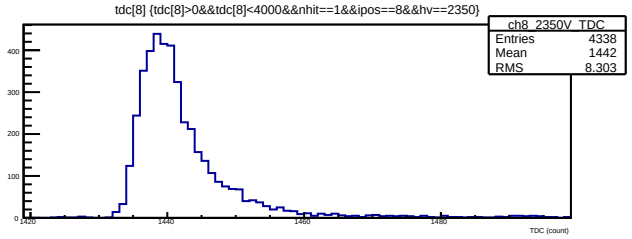

ch7_2150V
Entries 3894
Mean 120.8
RMS 252.9
χ² / ndf 34.84 / 29
Constant 432.1 ± 13.7
Mean −4.848 ± 1.420
Sigma 48.27 ± 1.45
Constant2 98.34 ± 4.62
Mean2 171.9 ± 7.4
Sigma2 164.1 ± 4.4
TTS:
40.5 ± 6.8 ps
time (ps)

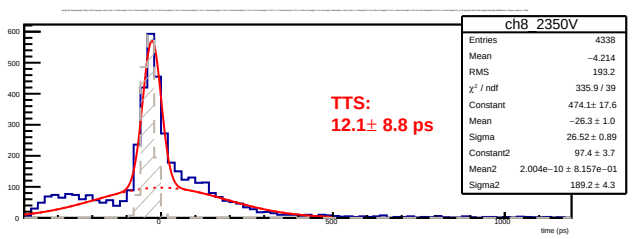

tdc[7] {tdc[7]>0&&tdc[7]<4000&&nhit==1&&ipos==7&&hv==2100}
ch7_2100V_TDC
Entries 3649
Mean 1460
RMS 10.8
TDC (count)

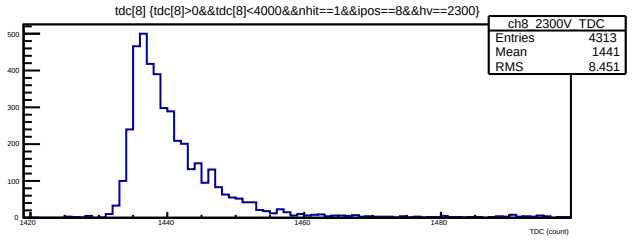

ch7_2100V
Entries 3649
Mean 151.3
RMS 261.7
χ² / ndf 54.58 / 32
Constant 318.8 ± 11.5
Mean 11.97 ± 2.02
Sigma 53.66 ± 1.82
Constant2 93.74 ± 5.06
Mean2 176.7 ± 8.1
Sigma2 173.8 ± 5.4
TTS:
46.8 ± 8.6 ps
time (ps)

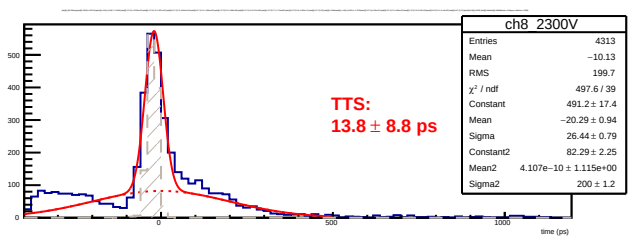

tdc[8] {tdc[8]>0&&tdc[8]<4000&&nhit==1&&ipos==8&&hv==2400}
ch8_2400V_TDC
Entries 4314
Mean 1440
RMS 8.186
TDC (count)

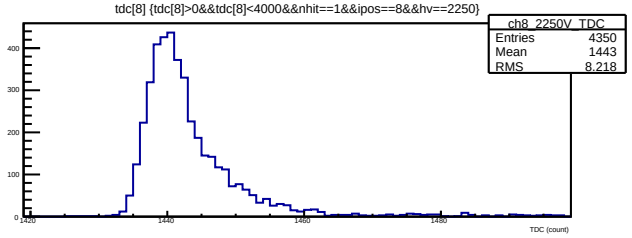

ch8_2400V
Entries 4314
Mean −6.295
RMS 199.4
χ² / ndf 582.1 / 39
Constant 539.3 ± 17.9
Mean −13.74 ± 0.88
Sigma 27.02 ± 0.76
Constant2 71.48 ± 2.07
Mean2 3.607e−09 ± 2.432e+00
Sigma2 200 ± 1.0
TTS:
13.2 ± 9.1 ps
time (ps)

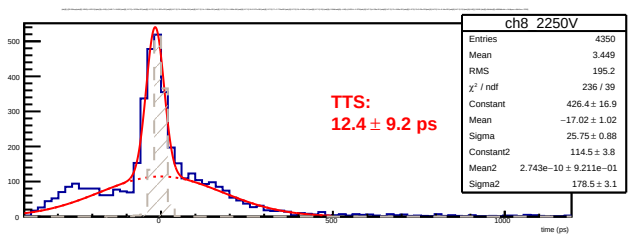

tdc[8] {tdc[8]>0&&tdc[8]<4000&&nhit==1&&ipos==8&&hv==2350}
ch8_2350V_TDC
Entries 4338
Mean 1442
RMS 8.303
TDC (count)

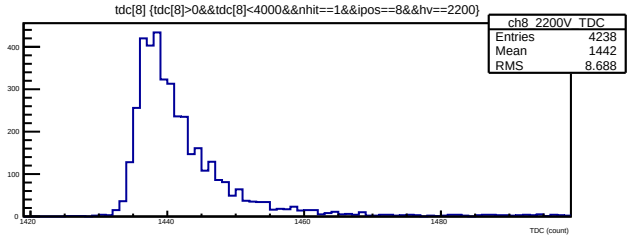

ch8_2350V
Entries 4338
Mean −4.214
RMS 193.2
χ² / ndf 335.9 / 39
Constant 474.1± 17.6
Mean −26.3 ± 1.0
Sigma 26.52± 0.89
Constant2 97.4 ± 3.7
Mean2 2.004e−10 ± 8.157e−01
Sigma2 189.2 ± 4.3
TTS:
12.1± 8.8 ps
time (ps)

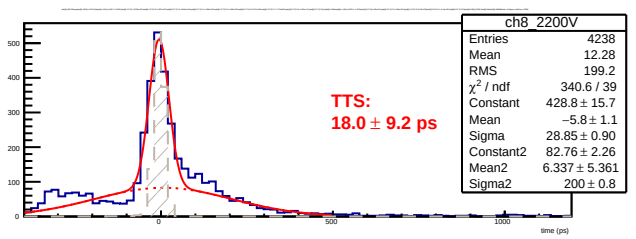

tdc[8] {tdc[8]>0&&tdc[8]<4000&&nhit==1&&ipos==8&&hv==2300}
ch8_2300V_TDC
Entries 4313
Mean 1441
RMS 8.451
TDC (count)

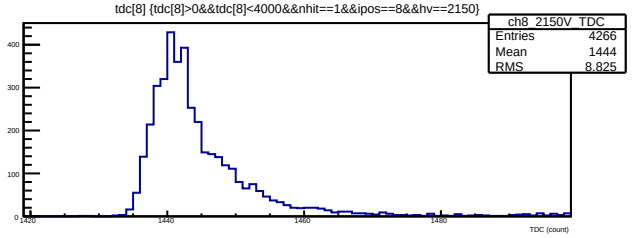

ch8_2300V
Entries 4313
Mean −10.13
RMS 199.7
χ² / ndf 497.6 / 39
Constant 491.2 ± 17.4
Mean −20.29 ± 0.94
Sigma 26.44 ± 0.79
Constant2 82.29 ± 2.25
Mean2 4.107e−10 ± 1.115e+00
Sigma2 200 ± 1.2
TTS:
13.8 ± 8.8 ps
time (ps)

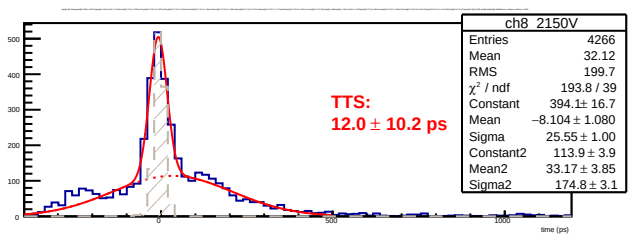

tdc[8] {tdc[8]>0&&tdc[8]<4000&&nhit==1&&ipos==8&&hv==2250}
ch8_2250V_TDC
Entries 4350
Mean 1443
RMS 8.218
TDC (count)

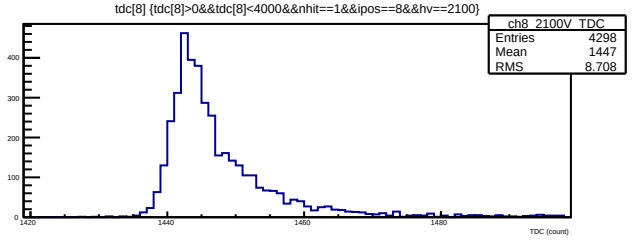

ch8_2250V
Entries 4350
Mean 3.449
RMS 195.2
χ² / ndf 236 / 39
Constant 426.4 ± 16.9
Mean −17.02 ± 1.02
Sigma 25.75 ± 0.88
Constant2 114.5 ± 3.8
Mean2 2.743e−10 ± 9.211e−01
Sigma2 178.5 ± 3.1
TTS:
12.4 ± 9.2 ps
time (ps)

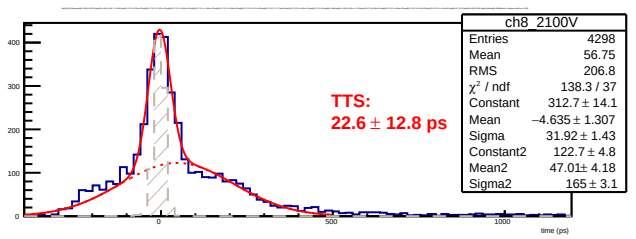

tdc[8] {tdc[8]>0&&tdc[8]<4000&&nhit==1&&ipos==8&&hv==2200}
ch8_2200V_TDC
Entries 4238
Mean 1442
RMS 8.688
TDC (count)

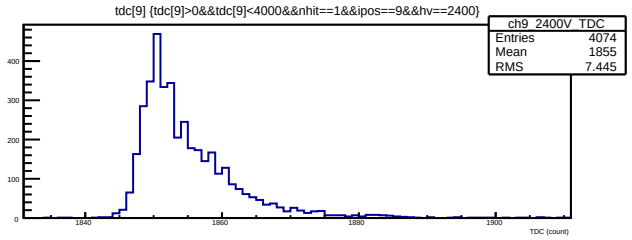

ch8_2200V
Entries 4238
Mean 12.28
RMS 199.2
χ² / ndf 340.6 / 39
Constant 428.8 ± 15.7
Mean −5.8 ± 1.1
Sigma 28.85 ± 0.90
Constant2 82.76 ± 2.26
Mean2 6.337 ± 5.361
Sigma2 200 ± 0.8
TTS:
18.0 ± 9.2 ps
time (ps)

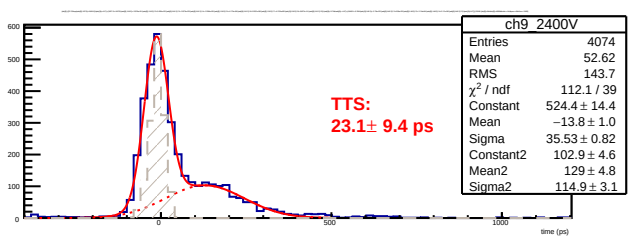

tdc[8] {tdc[8]>0&&tdc[8]<4000&&nhit==1&&ipos==8&&hv==2150}
ch8_2150V_TDC
Entries 4266
Mean 1444
RMS 8.825
TDC (count)

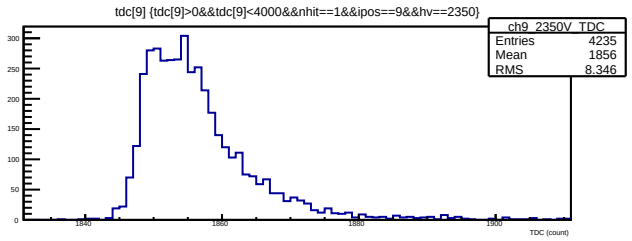

ch8_2150V
Entries 4266
Mean 32.12
RMS 199.7
χ² / ndf 193.8 / 39
Constant 394.1± 16.7
Mean −8.104 ± 1.080
Sigma 25.55 ± 1.00
Constant2 113.9 ± 3.9
Mean2 33.17 ± 3.85
Sigma2 174.8 ± 3.1
TTS:
12.0 ± 10.2 ps
time (ps)

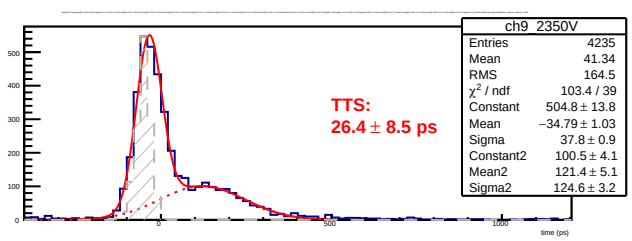

tdc[8] {tdc[8]>0&&tdc[8]<4000&&nhit==1&&ipos==8&&hv==2100}
ch8_2100V_TDC
Entries 4298
Mean 1447
RMS 8.708
TDC (count)

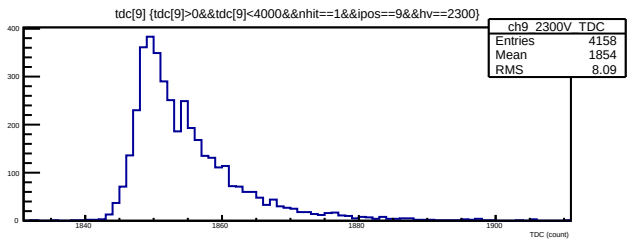

ch8_2100V
Entries 4298
Mean 56.75
RMS 206.8
χ² / ndf 138.3 / 37
Constant 312.7 ± 14.1
Mean −4.635 ± 1.307
Sigma 31.92 ± 1.43
Constant2 122.7 ± 4.8
Mean2 47.01± 4.18
Sigma2 165 ± 3.1
TTS:
22.6 ± 12.8 ps
time (ps)

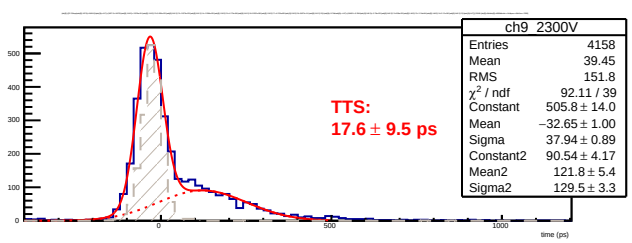

tdc[9] {tdc[9]>0&&tdc[9]<4000&&nhit==1&&ipos==9&&hv==2400}
ch9_2400V_TDC
Entries 4074
Mean 1855
RMS 7.445
TDC (count)

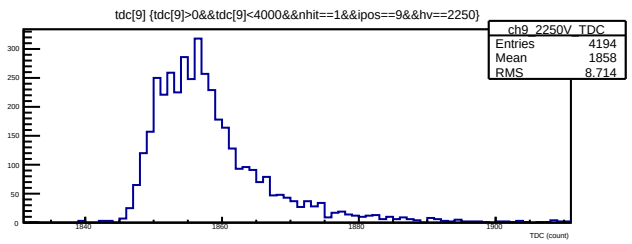

ch9_2400V
Entries 4074
Mean 52.62
RMS 143.7
χ² / ndf 112.1 / 39
Constant 524.4 ± 14.4
Mean −13.8 ± 1.0
Sigma 35.53 ± 0.82
Constant2 102.9 ± 4.6
Mean2 129 ± 4.8
Sigma2 114.9 ± 3.1
TTS:
23.1± 9.4 ps
time (ps)

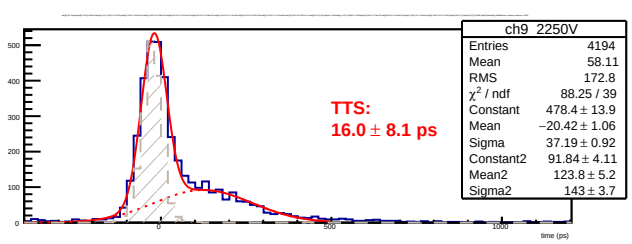

tdc[9] {tdc[9]>0&&tdc[9]<4000&&nhit==1&&ipos==9&&hv==2350}
ch9_2350V_TDC
Entries 4235
Mean 1856
RMS 8.346
TDC (count)

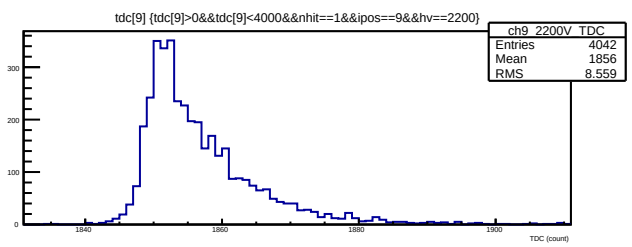

ch9_2350V
Entries 4235
Mean 41.34
RMS 164.5
χ² / ndf 103.4 / 39
Constant 504.8 ± 13.8
Mean −34.79 ± 1.03
Sigma 37.8 ± 0.9
Constant2 100.5 ± 4.1
Mean2 121.4 ± 5.1
Sigma2 124.6 ± 3.2
TTS:
26.4 ± 8.5 ps
time (ps)

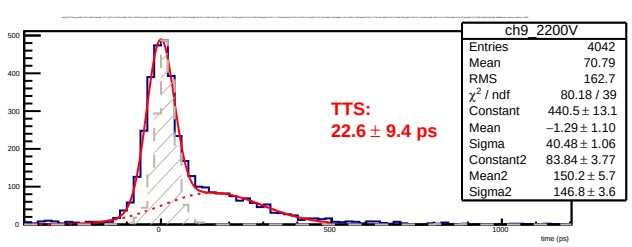

tdc[9] {tdc[9]>0&&tdc[9]<4000&&nhit==1&&ipos==9&&hv==2300}
ch9_2300V_TDC
Entries 4158
Mean 1854
RMS 8.09
TDC (count)

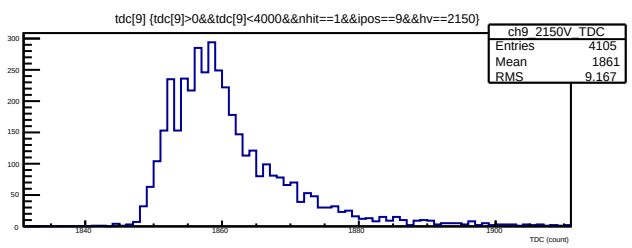

ch9_2300V
Entries 4158
Mean 39.45
RMS 151.8
χ² / ndf 92.11 / 39
Constant 505.8 ± 14.0
Mean −32.65 ± 1.00
Sigma 37.94 ± 0.89
Constant2 90.54 ± 4.17
Mean2 121.8 ± 5.4
Sigma2 129.5 ± 3.3
TTS:
17.6 ± 9.5 ps
time (ps)

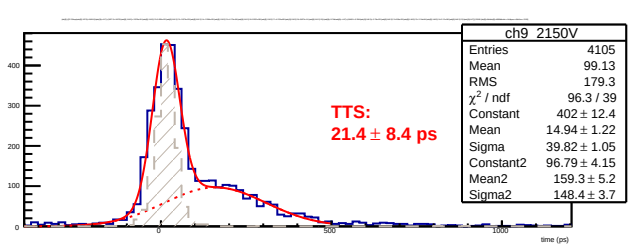

tdc[9] {tdc[9]>0&&tdc[9]<4000&&nhit==1&&ipos==9&&hv==2250}
ch9_2250V_TDC
Entries 4194
Mean 1858
RMS 8.714
TDC (count)

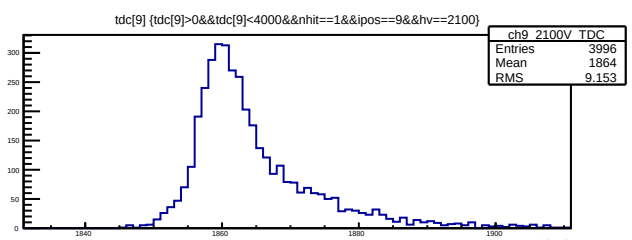

ch9_2250V
Entries 4194
Mean 58.11
RMS 172.8
χ² / ndf 88.25 / 39
Constant 478.4 ± 13.9
Mean −20.42 ± 1.06
Sigma 37.19 ± 0.92
Constant2 91.84 ± 4.11
Mean2 123.8 ± 5.2
Sigma2 143 ± 3.7
TTS:
16.0 ± 8.1 ps
time (ps)

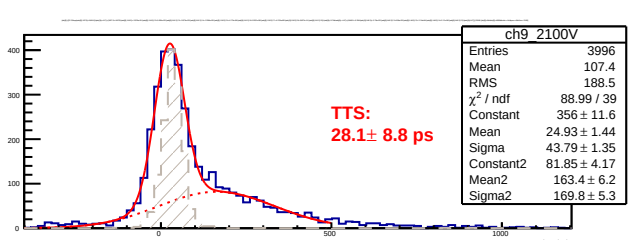

tdc[9] {tdc[9]>0&&tdc[9]<4000&&nhit==1&&ipos==9&&hv==2200}
ch9_2200V_TDC
Entries 4042
Mean 1856
RMS 8.559
TDC (count)


ch9_2200V
Entries 4042
Mean 70.79
RMS 162.7
χ² / ndf 80.18 / 39
Constant 440.5 ± 13.1
Mean −1.29 ± 1.10
Sigma 40.48 ± 1.06
Constant2 83.84 ± 3.77
Mean2 150.2 ± 5.7
Sigma2 146.8 ± 3.6
TTS:
22.6 ± 9.4 ps
time (ps)

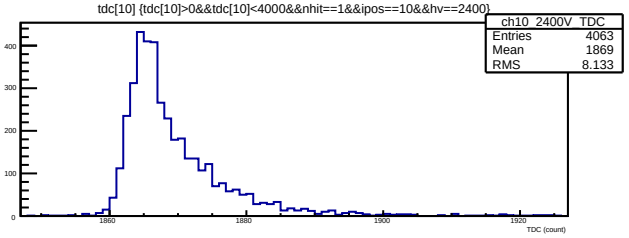

tdc[9] {tdc[9]>0&&tdc[9]<4000&&nhit==1&&ipos==9&&hv==2150}
ch9_2150V_TDC
Entries 4105
Mean 1861
RMS 9.167
TDC (count)

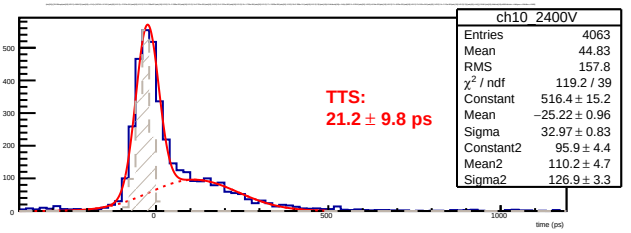

ch9_2150V
Entries 4105
Mean 99.13
RMS 179.3
χ² / ndf 96.3 / 39
Constant 402 ± 12.4
Mean 14.94 ± 1.22
Sigma 39.82 ± 1.05
Constant2 96.79 ± 4.15
Mean2 159.3 ± 5.2
Sigma2 148.4 ± 3.7
TTS:
21.4 ± 8.4 ps
time (ps)


tdc[9] {tdc[9]>0&&tdc[9]<4000&&nhit==1&&ipos==9&&hv==2100}
ch9_2100V_TDC
Entries 3996
Mean 1864
RMS 9.153
TDC (count)

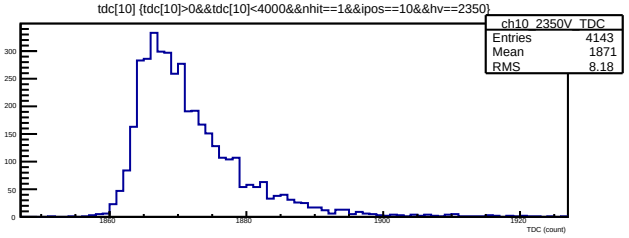

ch9_2100V
Entries 3996
Mean 107.4
RMS 188.5
χ² / ndf 88.99 / 39
Constant 356 ± 11.6
Mean 24.93 ± 1.44
Sigma 43.79 ± 1.35
Constant2 81.85 ± 4.17
Mean2 163.4 ± 6.2
Sigma2 169.8 ± 5.3
TTS:
28.1± 8.8 ps
time (ps)

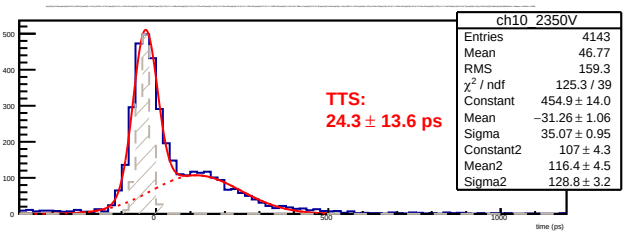
tdc[10] {tdc[10]>0&&tdc[10]<4000&&nhit==1&&ipos==10&&hv==2400}



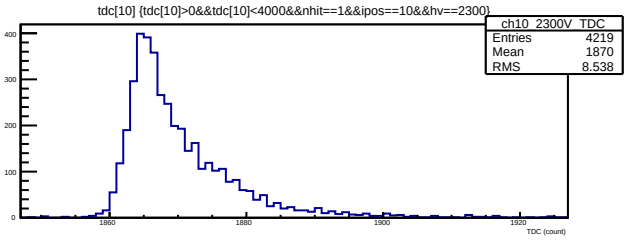


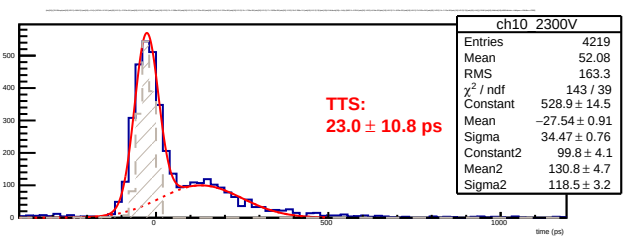
tdc[10] {tdc[10]>0&&tdc[10]<4000&&nhit==1&&ipos==10&&hv==2350}



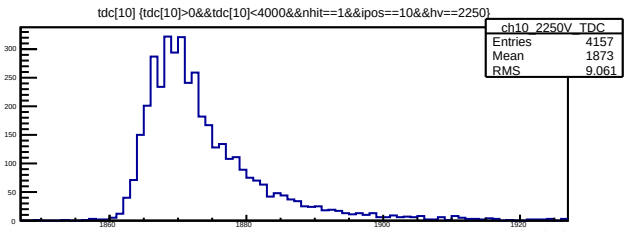


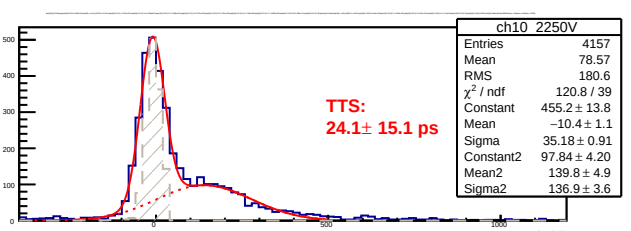
tdc[10] {tdc[10]>0&&tdc[10]<4000&&nhit==1&&ipos==10&&hv==2300}



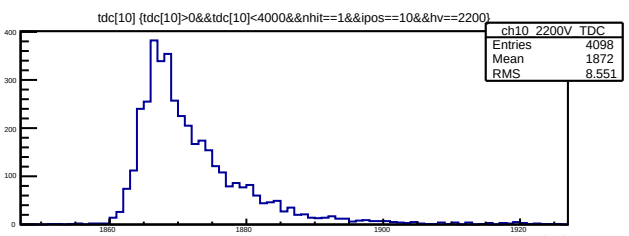


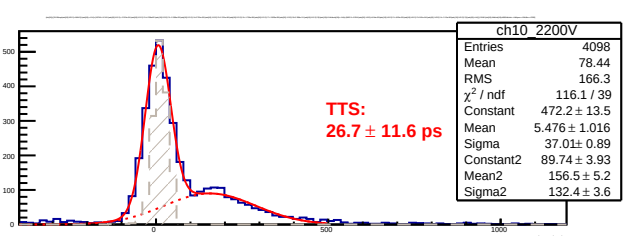
tdc[10] {tdc[10]>0&&tdc[10]<4000&&nhit==1&&ipos==10&&hv==2250}





tdc[10] {tdc[10]>0&&tdc[10]<4000&&nhit==1&&ipos==10&&hv==2200}





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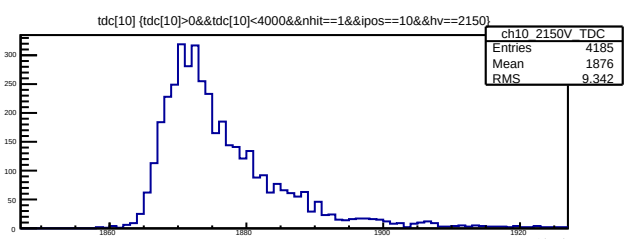

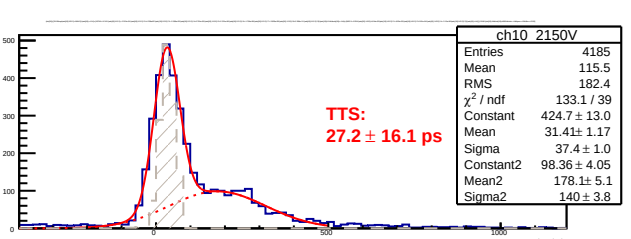

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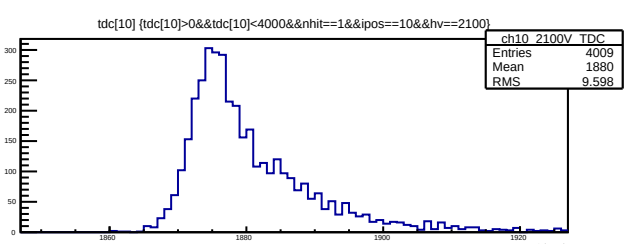

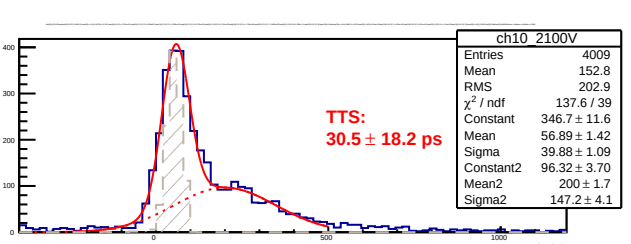

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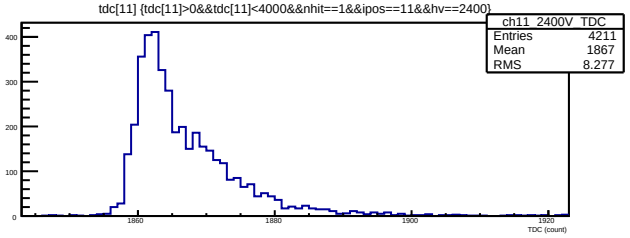

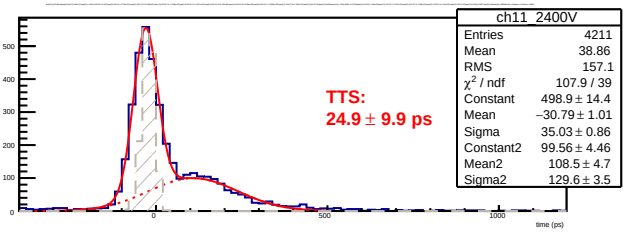

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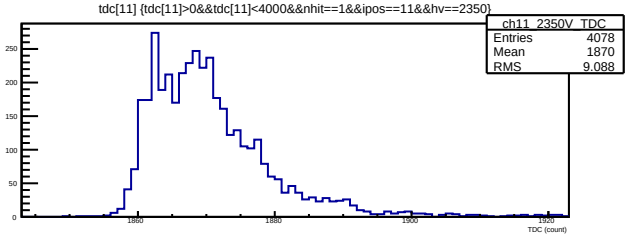
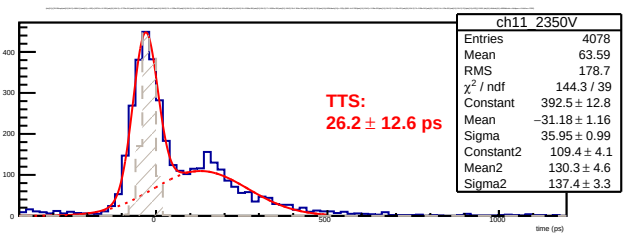
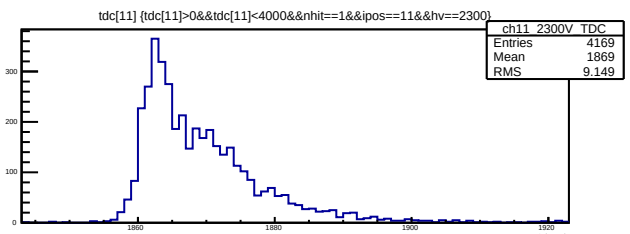
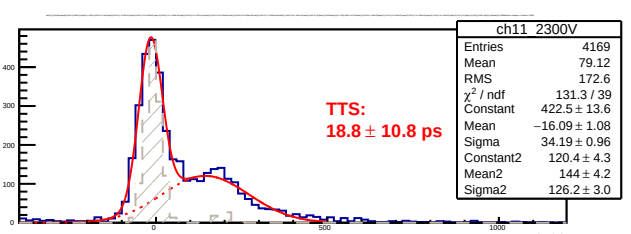




tdc[11] {tdc[11]>0&&tdc[11]<4000&&nhit==1&&ipos==11&&hv==2300}





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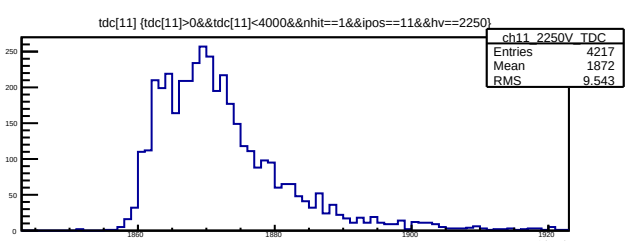
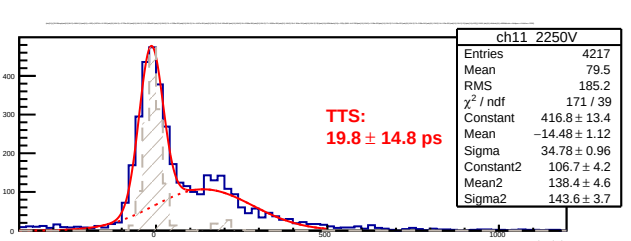
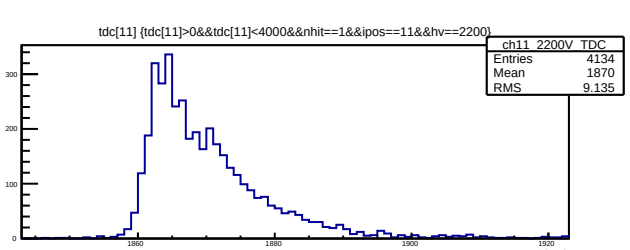
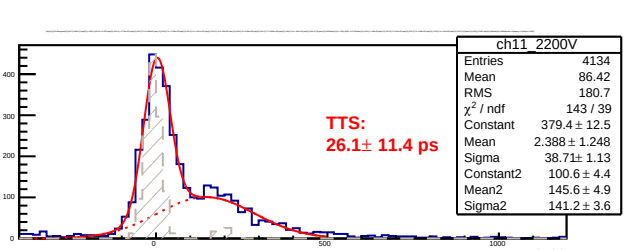


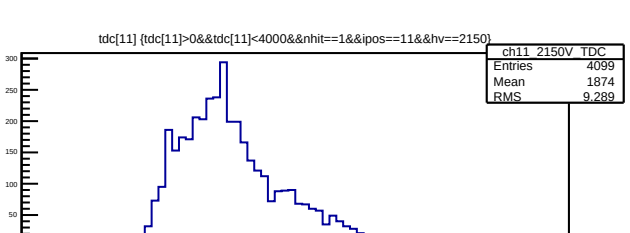


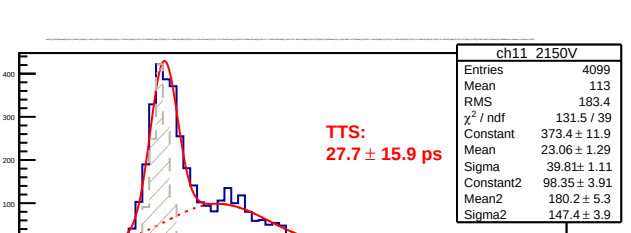
tdc[11] {tdc[11]>0&&tdc[11]<4000&&nhit==1&&ipos==11&&hv==2200}





tdc[11] {tdc[11]>0&&tdc[11]<4000&&nhit==1&&ipos==11&&hv==2150}





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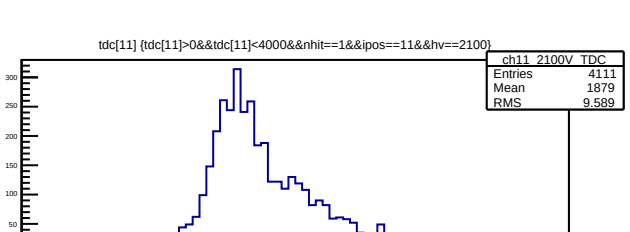
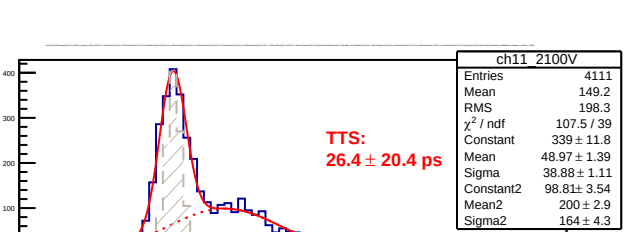
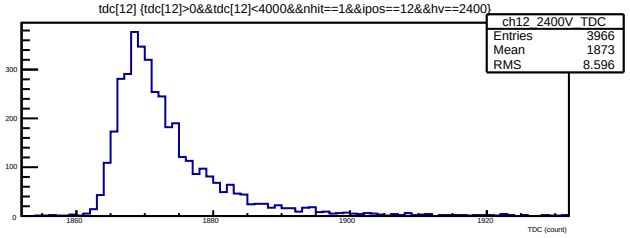
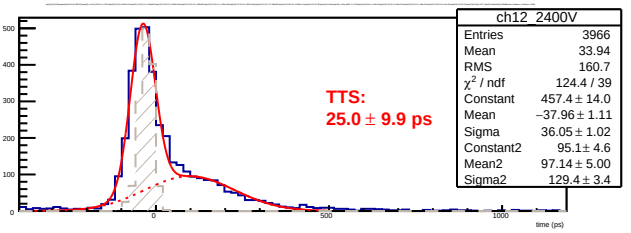


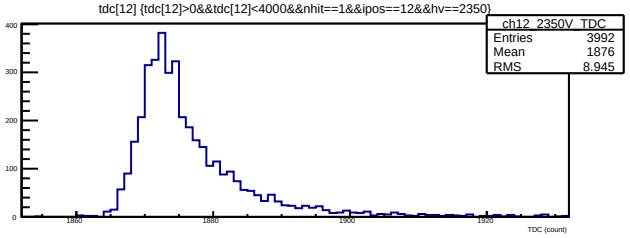


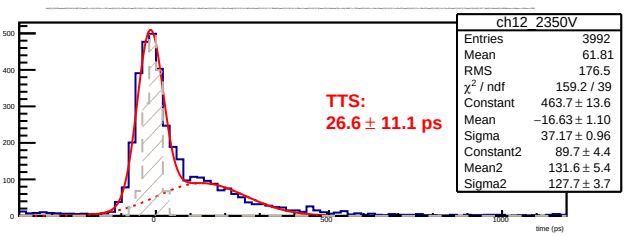
tdc[12] {tdc[12]>0&&tdc[12]<4000&&nhit==1&&ipos==12&&hv==2400}



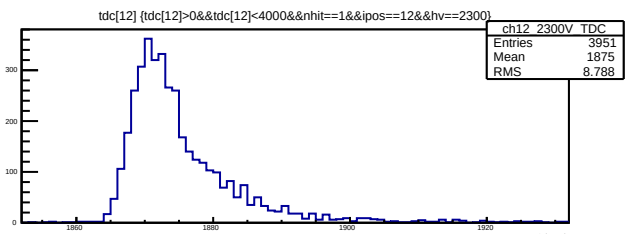


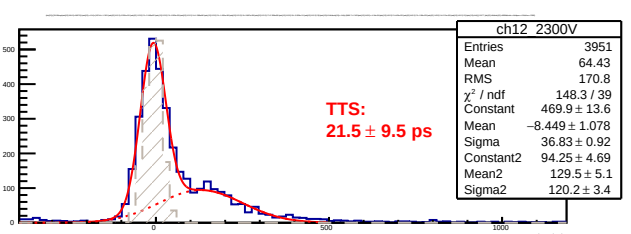
tdc[12] {tdc[12]>0&&tdc[12]<4000&&nhit==1&&ipos==12&&hv==2350}



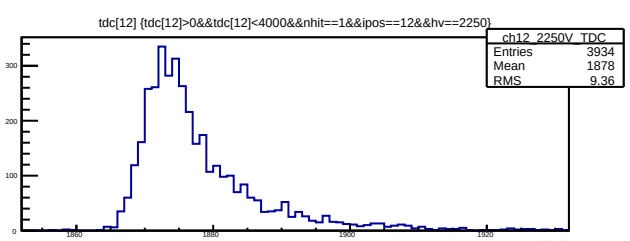


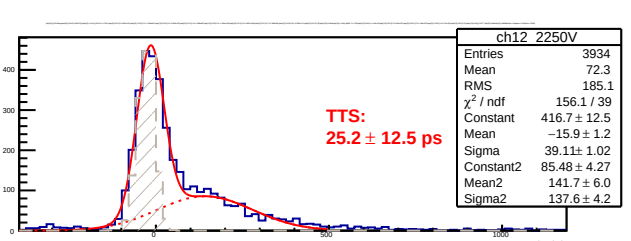
tdc[12] {tdc[12]>0&&tdc[12]<4000&&nhit==1&&ipos==12&&hv==2300}



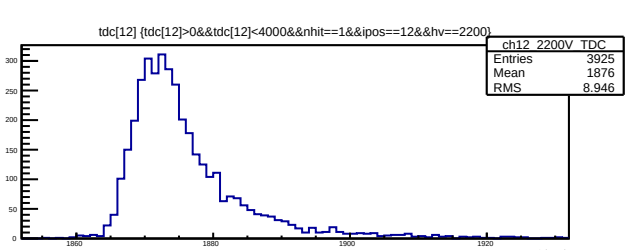


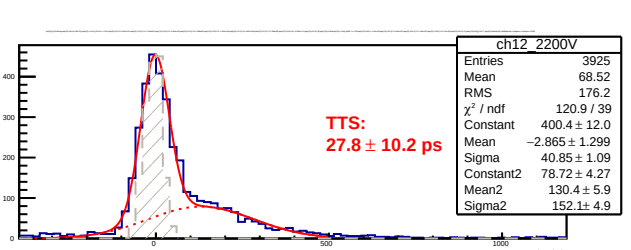
tdc[12] {tdc[12]>0&&tdc[12]<4000&&nhit==1&&ipos==12&&hv==2250}





tdc[12] {tdc[12]>0&&tdc[12]<4000&&nhit==1&&ipos==12&&hv==2200}





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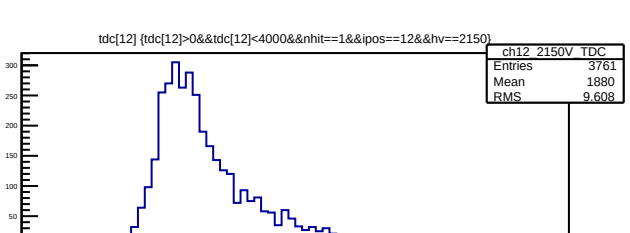
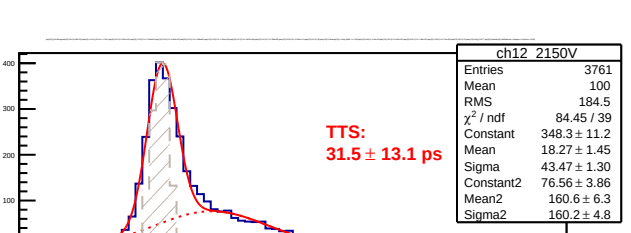
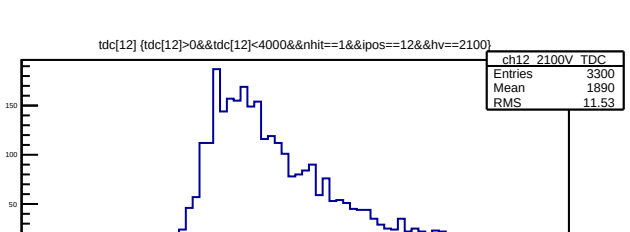
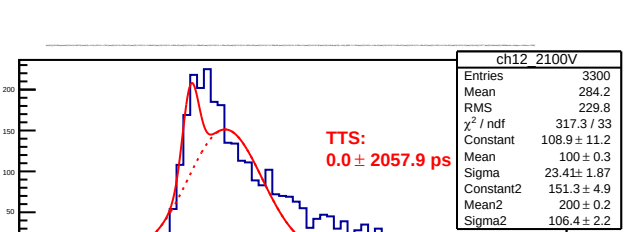
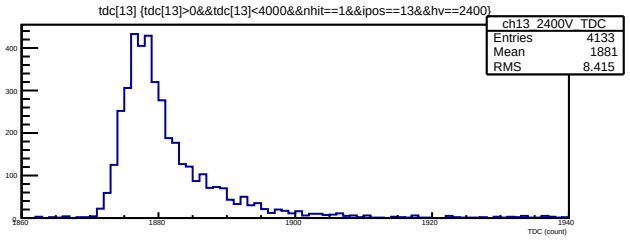


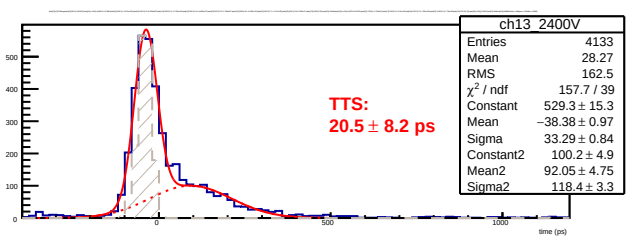


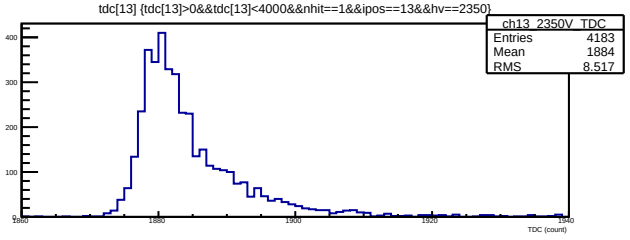
tdc[12] {tdc[12]>0&&tdc[12]<4000&&nhit==1&&ipos==12&&hv==2100}

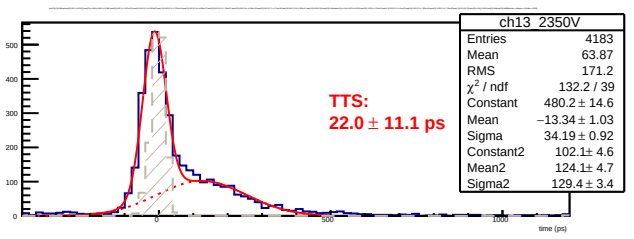


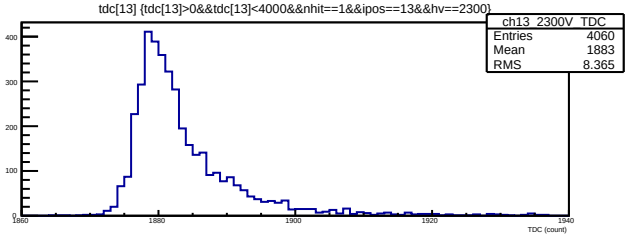


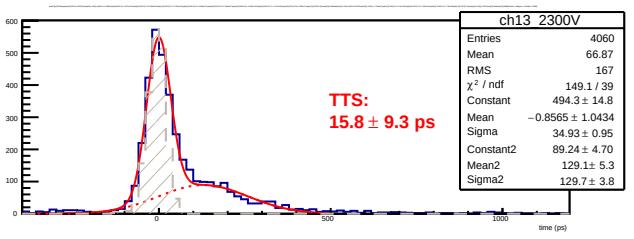

tdc[13] {tdc[13]>0&&tdc[13]<4000&&nhit==1&&ipos==13&&hv==2400}
ch13_2400V_TDC
Entries 4133
Mean 1881
RMS 8.415
TDC (count)

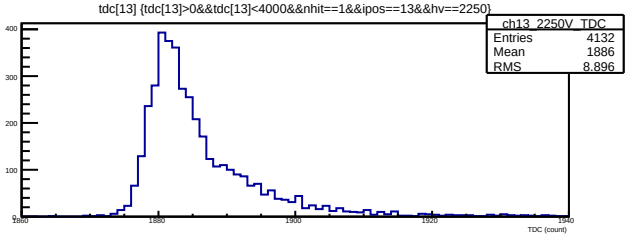

ch13_2400V
Entries 4133
Mean 28.27
RMS 162.5
χ² / ndf 157.7 / 39
Constant 529.3 ± 15.3
Mean −38.38 ± 0.97
Sigma 33.29 ± 0.84
Constant2 100.2 ± 4.9
Mean2 92.05 ± 4.75
Sigma2 118.4 ± 3.3
TTS:
20.5 ± 8.2 ps
time (ps)

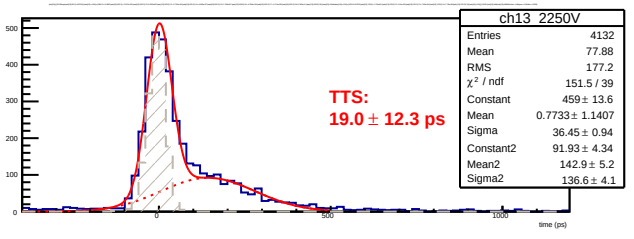

tdc[13] {tdc[13]>0&&tdc[13]<4000&&nhit==1&&ipos==13&&hv==2350}
ch13_2350V_TDC
Entries 4183
Mean 1884
RMS 8.517
TDC (count)

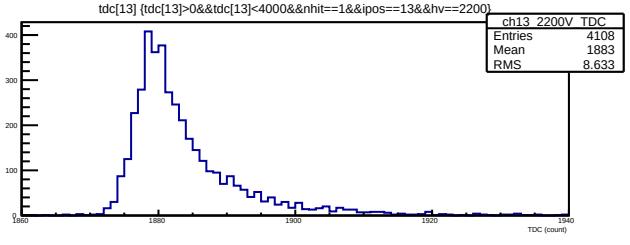

ch13_2350V
Entries 4183
Mean 63.87
RMS 171.2
χ² / ndf 132.2 / 39
Constant 480.2 ± 14.6
Mean −13.34 ± 1.03
Sigma 34.19 ± 0.92
Constant2 102.1± 4.6
Mean2 124.1± 4.7
Sigma2 129.4 ± 3.4
TTS:
22.0 ± 11.1 ps
time (ps)

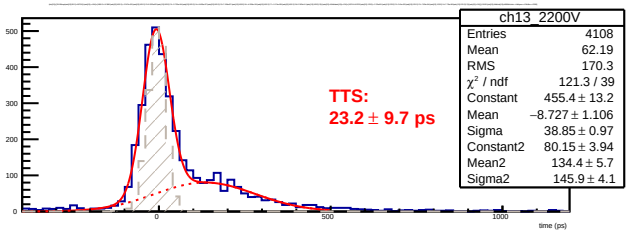

tdc[13] {tdc[13]>0&&tdc[13]<4000&&nhit==1&&ipos==13&&hv==2300}
ch13_2300V_TDC
Entries 4060
Mean 1883
RMS 8.365
TDC (count)

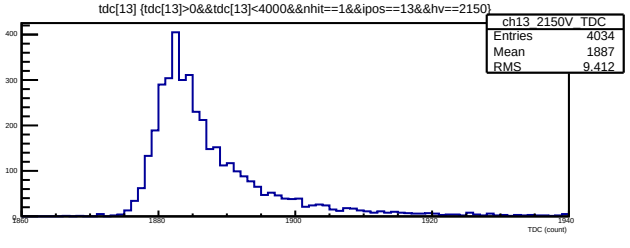

ch13_2300V
Entries 4060
Mean 66.87
RMS 167
χ² / ndf 149.1 / 39
Constant 494.3 ± 14.8
Mean −0.8565 ± 1.0434
Sigma 34.93 ± 0.95
Constant2 89.24 ± 4.70
Mean2 129.1± 5.3
Sigma2 129.7 ± 3.8
TTS:
15.8 ± 9.3 ps
time (ps)

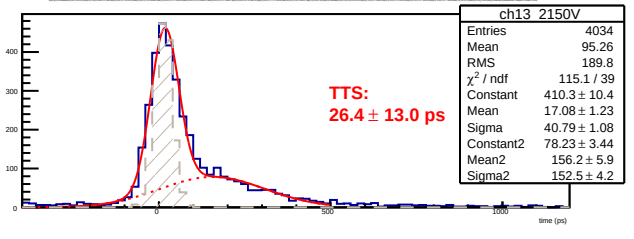

tdc[13] {tdc[13]>0&&tdc[13]<4000&&nhit==1&&ipos==13&&hv==2250}
ch13_2250V_TDC
Entries 4132
Mean 1886
RMS 8.896
TDC (count)

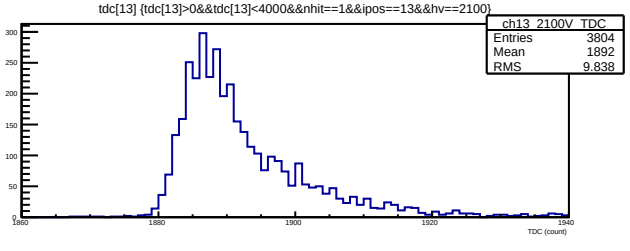

ch13_2250V
Entries 4132
Mean 77.88
RMS 177.2
χ² / ndf 151.5 / 39
Constant 459 ± 13.6
Mean 0.7733 ± 1.1407
Sigma 36.45 ± 0.94
Constant2 91.93 ± 4.34
Mean2 142.9 ± 5.2
Sigma2 136.6 ± 4.1
TTS:
19.0 ± 12.3 ps
time (ps)

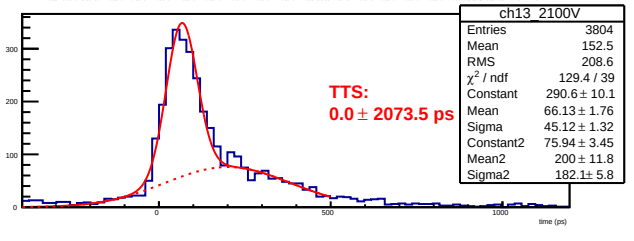

tdc[13] {tdc[13]>0&&tdc[13]<4000&&nhit==1&&ipos==13&&hv==2200}
ch13_2200V_TDC
Entries 4108
Mean 1883
RMS 8.633
TDC (count)


ch13_2200V
Entries 4108
Mean 62.19
RMS 170.3
χ² / ndf 121.3 / 39
Constant 455.4 ± 13.2
Mean −8.727 ± 1.106
Sigma 38.85 ± 0.97
Constant2 80.15 ± 3.94
Mean2 134.4 ± 5.7
Sigma2 145.9 ± 4.1
TTS:
23.2 ± 9.7 ps
time (ps)

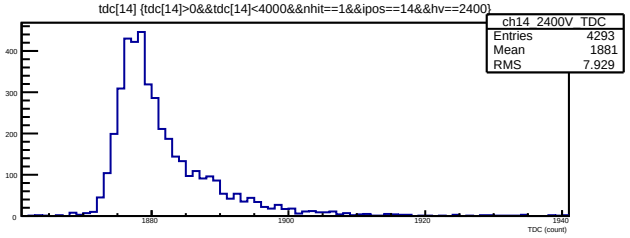

tdc[13] {tdc[13]>0&&tdc[13]<4000&&nhit==1&&ipos==13&&hv==2150}
ch13_2150V_TDC
Entries 4034
Mean 1887
RMS 9.412
TDC (count)

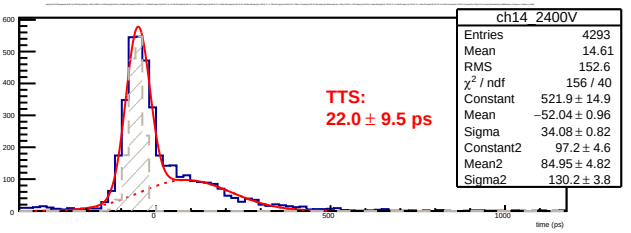

ch13_2150V
Entries 4034
Mean 95.26
RMS 189.8
χ² / ndf 115.1 / 39
Constant 410.3 ± 10.4
Mean 17.08 ± 1.23
Sigma 40.79 ± 1.08
Constant2 78.23 ± 3.44
Mean2 156.2 ± 5.9
Sigma2 152.5 ± 4.2
TTS:
26.4 ± 13.0 ps
time (ps)


tdc[13] {tdc[13]>0&&tdc[13]<4000&&nhit==1&&ipos==13&&hv==2100}
ch13_2100V_TDC
Entries 3804
Mean 1892
RMS 9.838
TDC (count)

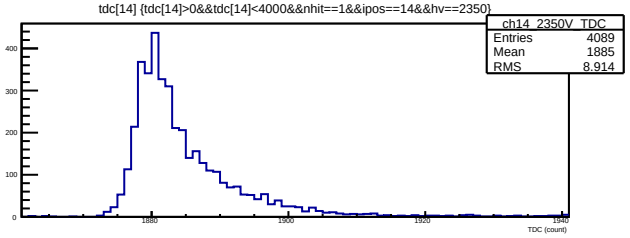

ch13_2100V
Entries 3804
Mean 152.5
RMS 208.6
χ² / ndf 129.4 / 39
Constant 290.6 ± 10.1
Mean 66.13 ± 1.76
Sigma 45.12 ± 1.32
Constant2 75.94 ± 3.45
Mean2 200 ± 11.8
Sigma2 182.1± 5.8
TTS:
0.0 ± 2073.5 ps
time (ps)

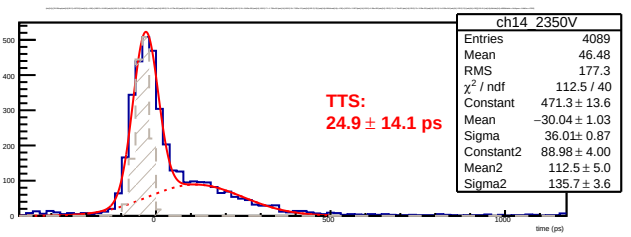
tdc[14] {tdc[14]>0&&tdc[14]<4000&&nhit==1&&ipos==14&&hv==2400}



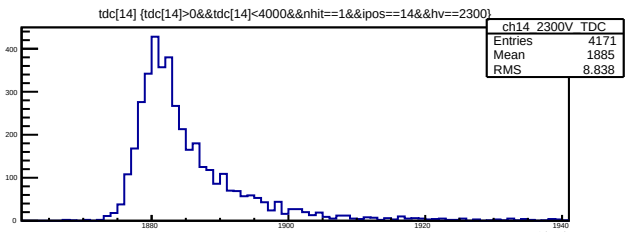


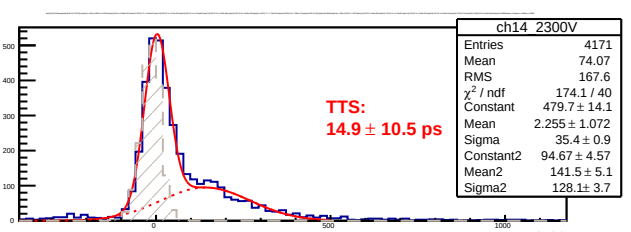
tdc[14] {tdc[14]>0&&tdc[14]<4000&&nhit==1&&ipos==14&&hv==2350}



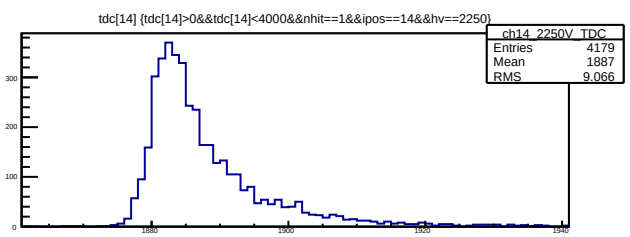


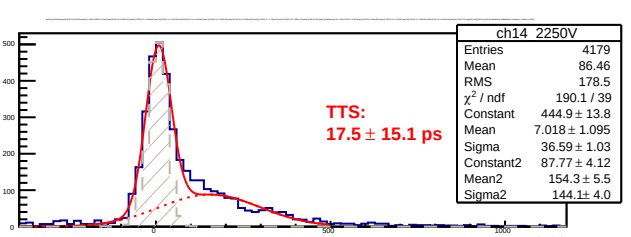
tdc[14] {tdc[14]>0&&tdc[14]<4000&&nhit==1&&ipos==14&&hv==2300}



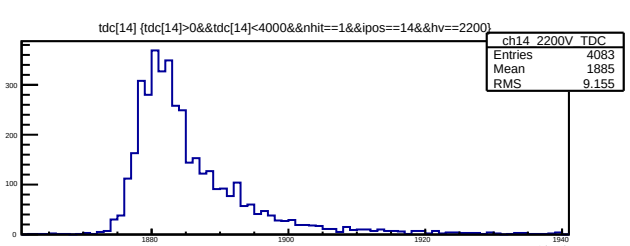


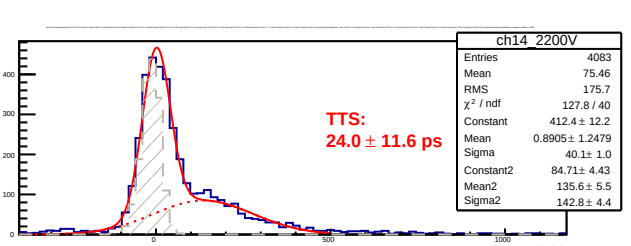
tdc[14] {tdc[14]>0&&tdc[14]<4000&&nhit==1&&ipos==14&&hv==2250}



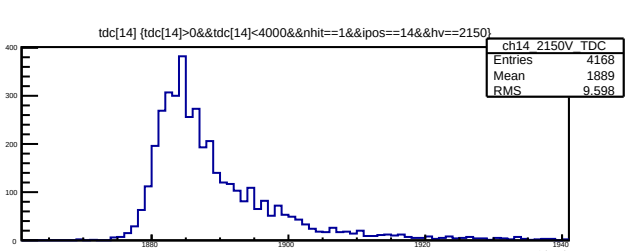


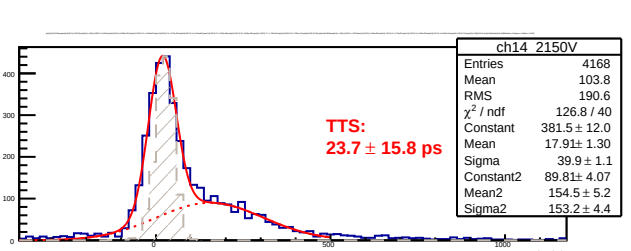
tdc[14] {tdc[14]>0&&tdc[14]<4000&&nhit==1&&ipos==14&&hv==2200}



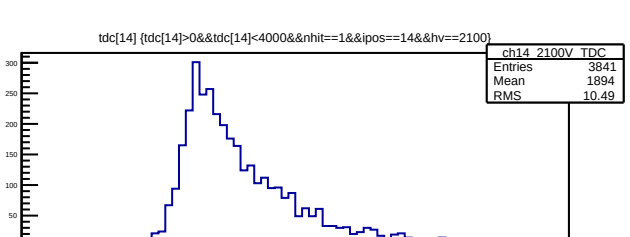


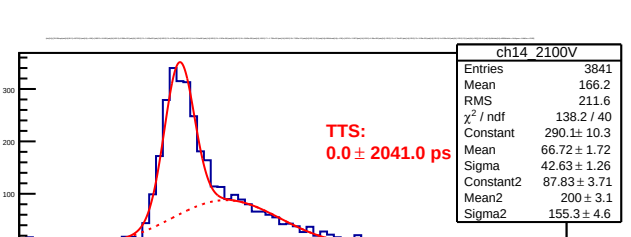
tdc[14] {tdc[14]>0&&tdc[14]<4000&&nhit==1&&ipos==14&&hv==2150}



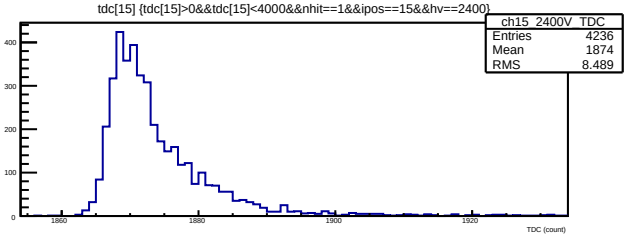


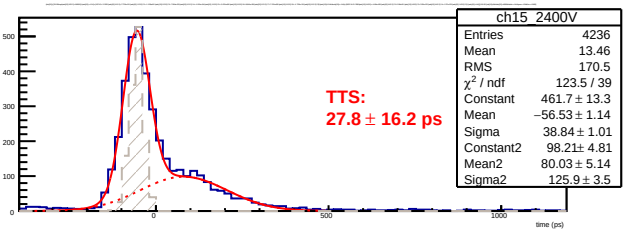
tdc[14] {tdc[14]>0&&tdc[14]<4000&&nhit==1&&ipos==14&&hv==2100}



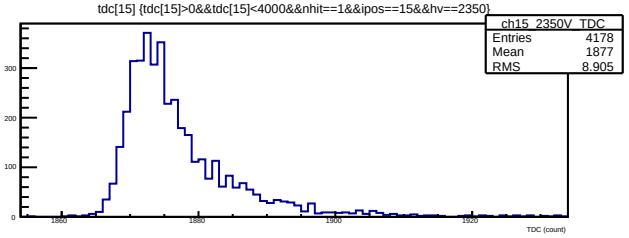


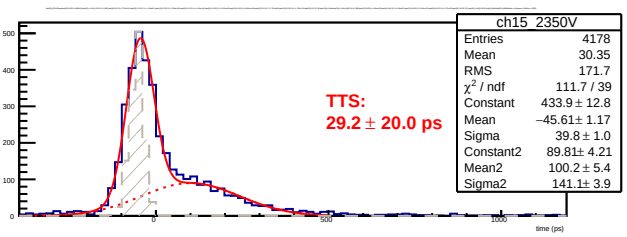
tdc[15] {tdc[15]>0&&tdc[15]<4000&&nhit==1&&ipos==15&&hv==2400}



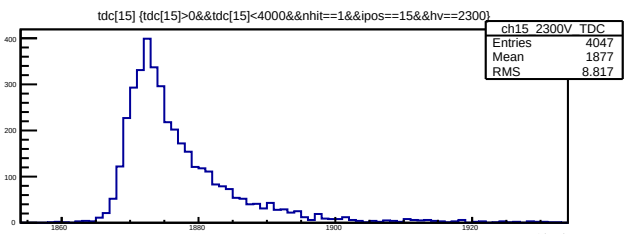


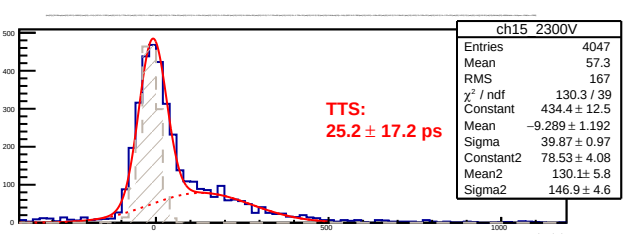
tdc[15] {tdc[15]>0&&tdc[15]<4000&&nhit==1&&ipos==15&&hv==2350}



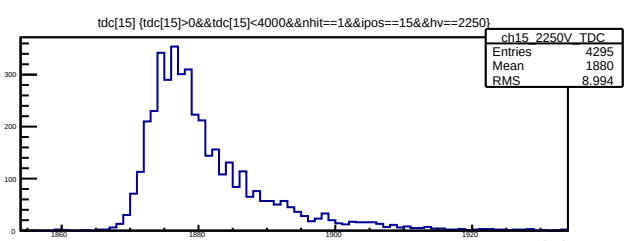


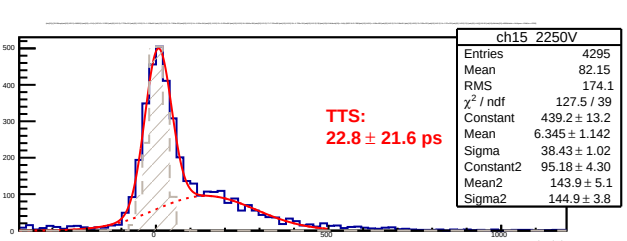
tdc[15] {tdc[15]>0&&tdc[15]<4000&&nhit==1&&ipos==15&&hv==2300}



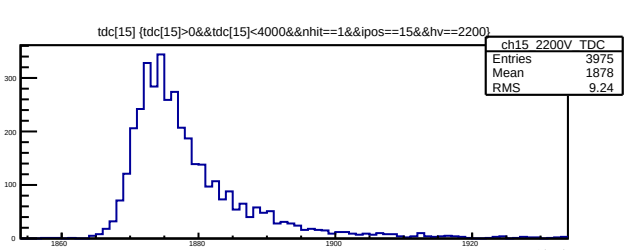


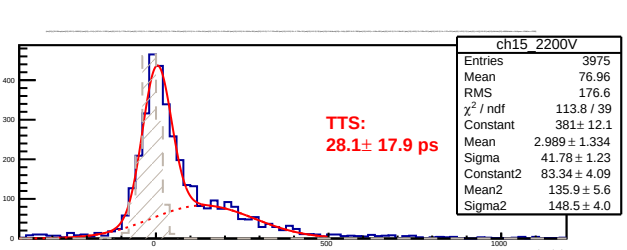
tdc[15] {tdc[15]>0&&tdc[15]<4000&&nhit==1&&ipos==15&&hv==2250}



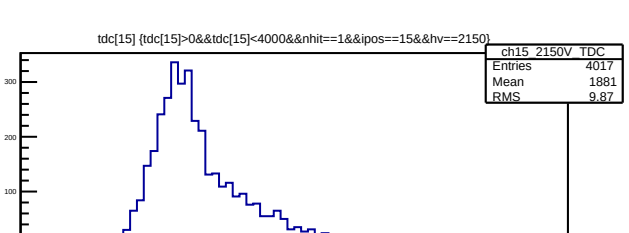


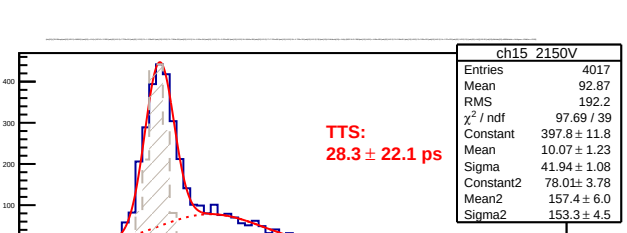
tdc[15] {tdc[15]>0&&tdc[15]<4000&&nhit==1&&ipos==15&&hv==2200}



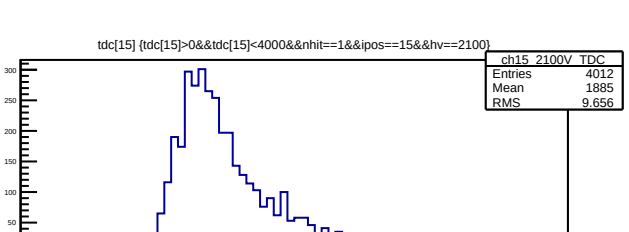


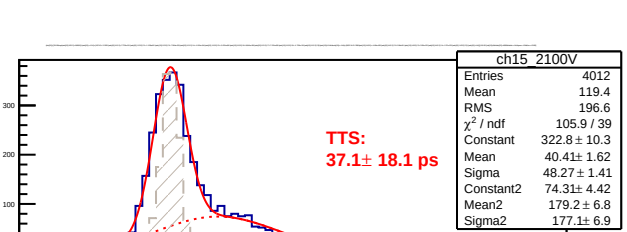
tdc[15] {tdc[15]>0&&tdc[15]<4000&&nhit==1&&ipos==15&&hv==2150}



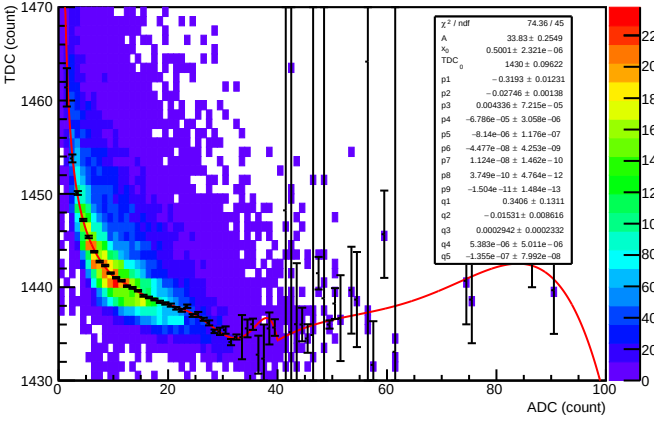


tdc[15] {tdc[15]>0&&tdc[15]<4000&&nhit==1&&ipos==15&&hv==2100}

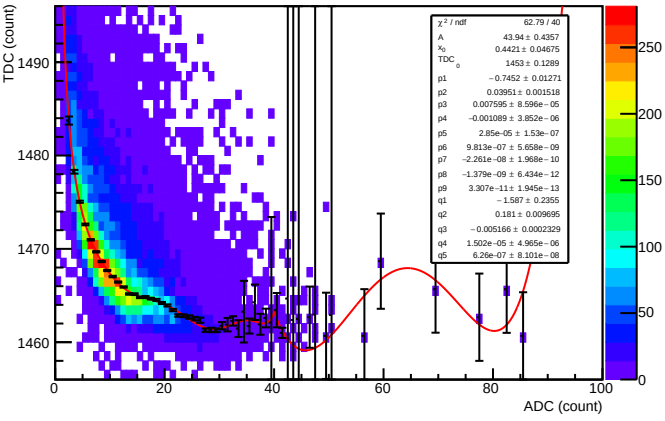




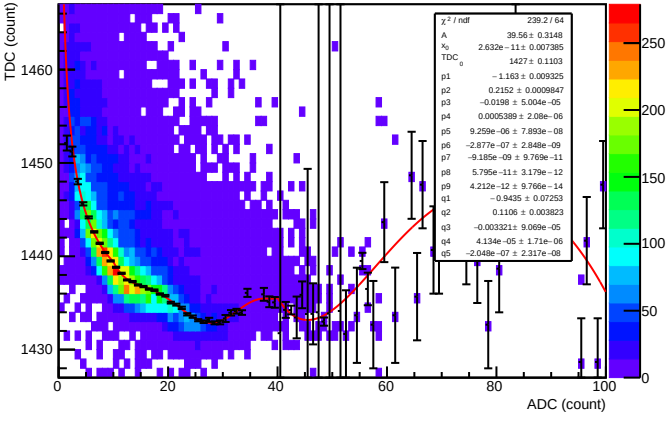
tdc[0]:adc[0]-102 {tdc[0]>0&&tdc[0]<4000&&nhit==1&&ipos==0}



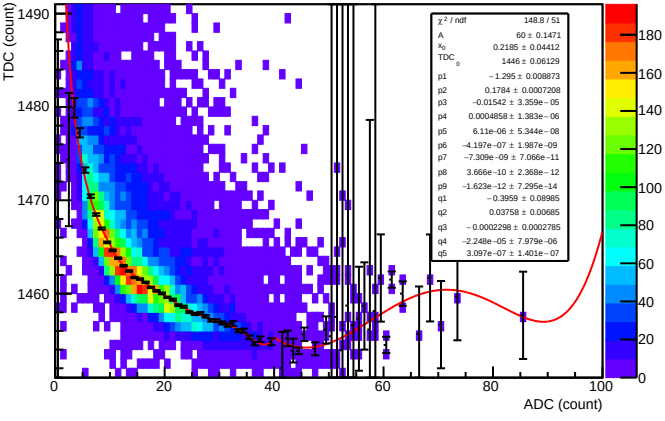
tdc[1]:adc[1]-101 {tdc[1]>0&&tdc[1]<4000&&nhit==1&&ipos==1}



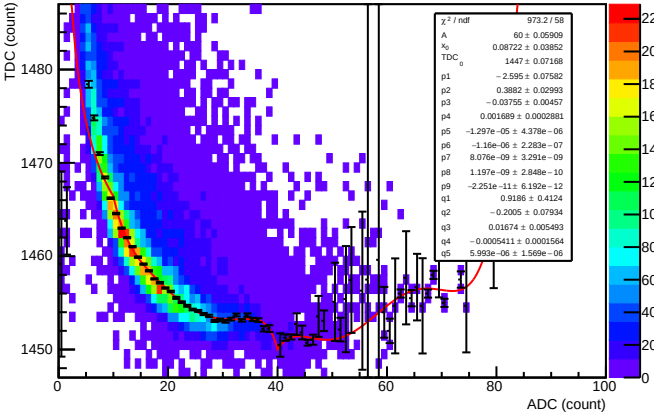
tdc[2]:adc[2]-100 {tdc[2]>0&&tdc[2]<4000&&nhit==1&&ipos==2}



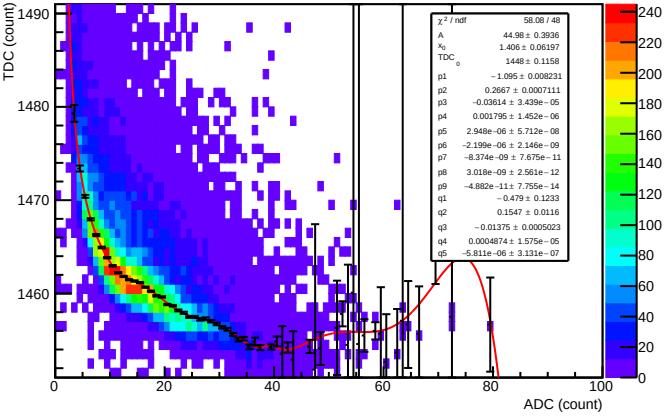
tdc[3]:adc[3]-108 {tdc[3]>0&&tdc[3]<4000&&nhit==1&&ipos==3}



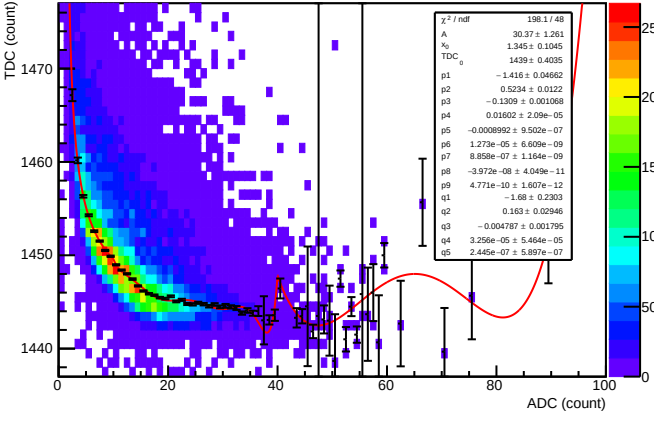
tdc[4]:adc[4]-108 {tdc[4]>0&&tdc[4]<4000&&nhit==1&&ipos==4}



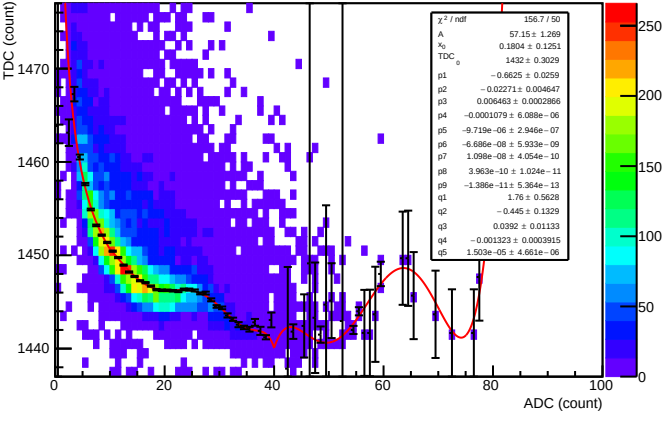
tdc[5]:adc[5]-101 {tdc[5]>0&&tdc[5]<4000&&nhit==1&&ipos==5}

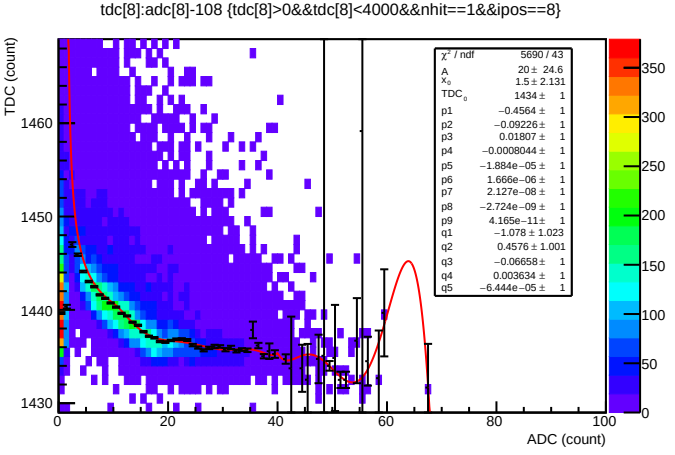


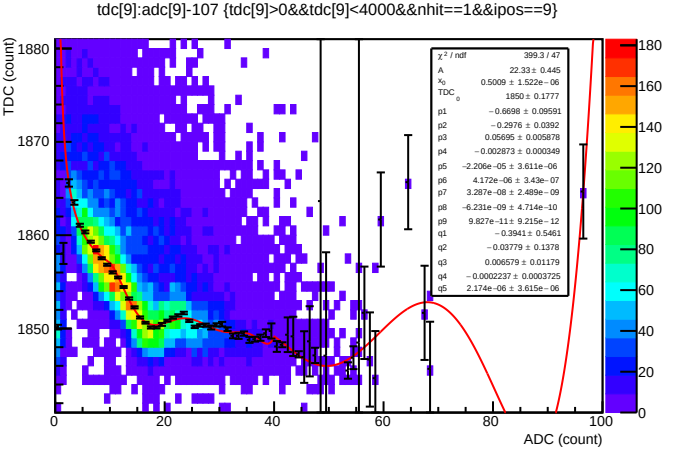
tdc[6]:adc[6]-92 {tdc[6]>0&&tdc[6]<4000&&nhit==1&&ipos==6}

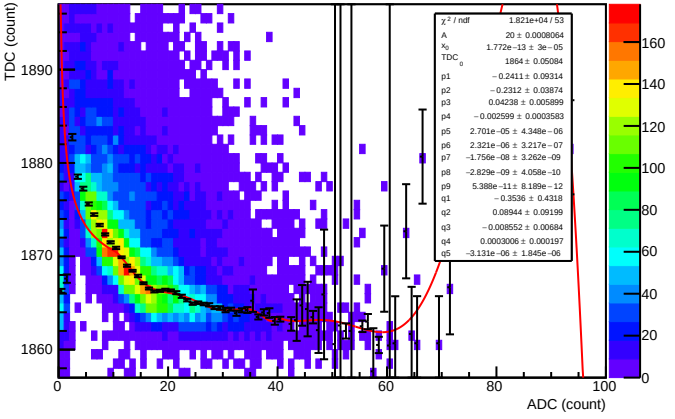


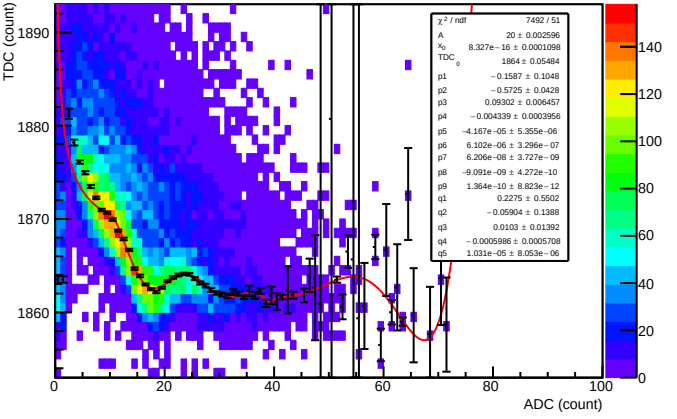
tdc[7]:adc[7]-100 {tdc[7]>0&&tdc[7]<4000&&nhit==1&&ipos==7}

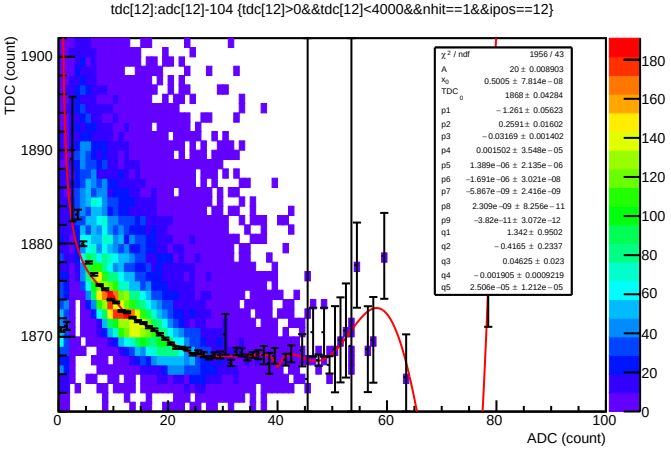


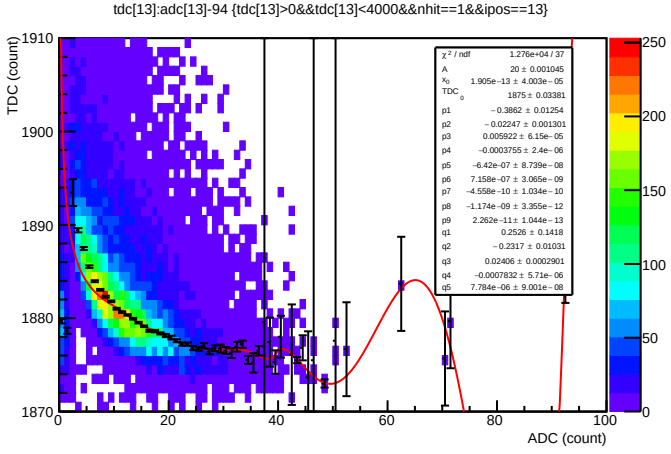

tdc[8]:adc[8]-108 {tdc[8]>0&&tdc[8]<4000&&nhit==1&&ipos==8}
TDC (count)
ADC (count)
χ² / ndf 5690 / 43
A 20 ± 24.6
X0 1.5 ± 2.131
TDC0 1434 ± 1
p1 −0.4564 ± 1
p2 −0.09226 ± 1
p3 0.01807 ± 1
p4 −0.0008044 ± 1
p5 −1.884e−05 ± 1
p6 1.666e−06 ± 1
p7 2.127e−08 ± 1
p8 −2.724e−09 ± 1
p9 4.165e−11 ± 1
q1 −1.078 ± 1.023
q2 0.4576 ± 1.001
q3 −0.06658 ± 1
q4 0.003634 ± 1
q5 −6.444e−05 ± 1

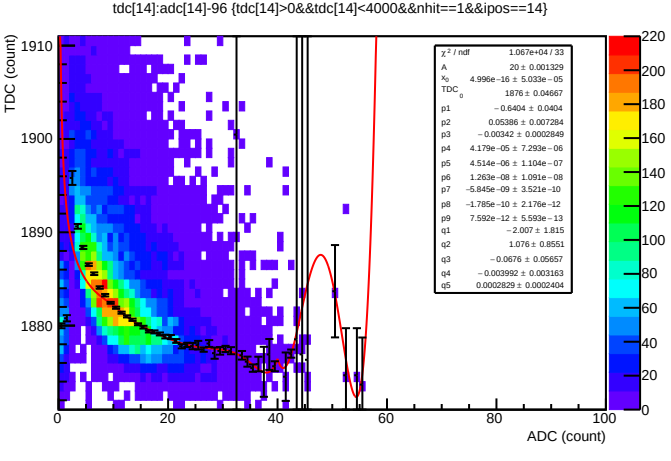

tdc[9]:adc[9]-107 {tdc[9]>0&&tdc[9]<4000&&nhit==1&&ipos==9}
TDC (count)
ADC (count)
χ² / ndf 399.3 / 47
A 22.33 ± 0.445
X0 0.5009 ± 1.522e−06
TDC0 1850 ± 0.1777
p1 −0.6698 ± 0.09591
p2 −0.2976 ± 0.0392
p3 0.05695 ± 0.005878
p4 −0.002873 ± 0.000349
p5 −2.206e−05 ± 3.611e−06
p6 4.172e−06 ± 3.43e−07
p7 3.287e−08 ± 2.489e−09
p8 −6.231e−09 ± 4.714e−10
p9 9.827e−11 ± 9.215e−12
q1 −0.3941 ± 0.5461
q2 −0.03779 ± 0.1378
q3 0.006579 ± 0.01179
q4 −0.0002237 ± 0.0003725
q5 2.174e−06 ± 3.615e−06

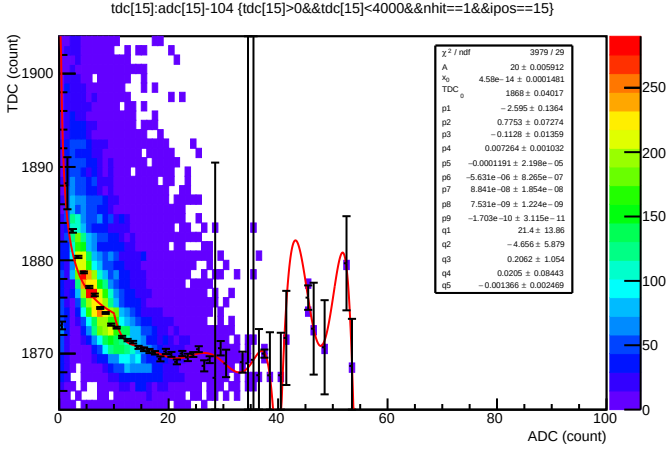

tdc[10]:adc[10]-104 {tdc[10]>0&&tdc[10]<4000&&nhit==1&&ipos==10}
TDC (count)
ADC (count)
χ² / ndf 1.821e+04 / 53
A 20 ± 0.0008064
X0 1.772e−13 ± 3e−05
TDC0 1864 ± 0.05084
p1 −0.2411 ± 0.09314
p2 −0.2312 ± 0.03874
p3 0.04238 ± 0.005899
p4 −0.002599 ± 0.0003583
p5 2.701e−05 ± 4.348e−06
p6 2.321e−06 ± 3.217e−07
p7 −1.756e−08 ± 3.262e−09
p8 −2.829e−09 ± 4.058e−10
p9 5.388e−11 ± 8.189e−12
q1 −0.3536 ± 0.4318
q2 0.08944 ± 0.09199
q3 −0.008552 ± 0.00684
q4 0.0003006 ± 0.000197
q5 −3.131e−06 ± 1.845e−06

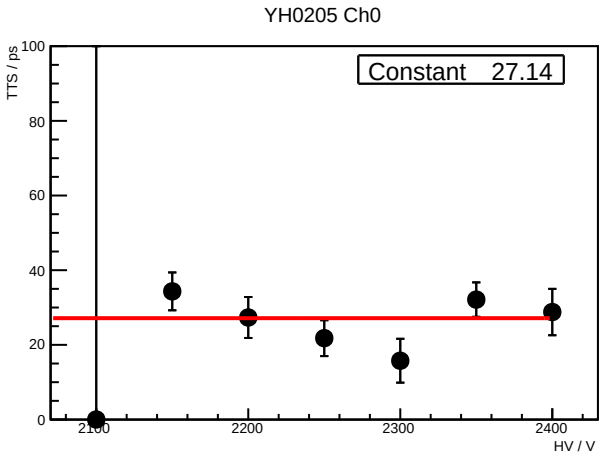

tdc[11]:adc[11]-95 {tdc[11]>0&&tdc[11]<4000&&nhit==1&&ipos==11}
TDC (count)
ADC (count)
χ² / ndf 7492 / 51
A 20 ± 0.002596
X0 8.327e−16 ± 0.0001098
TDC0 1864 ± 0.05484
p1 −0.1587 ± 0.1048
p2 −0.5725 ± 0.0428
p3 0.09302 ± 0.006457
p4 −0.004339 ± 0.0003956
p5 −4.167e−05 ± 5.355e−06
p6 6.102e−06 ± 3.296e−07
p7 6.206e−08 ± 3.727e−09
p8 −9.091e−09 ± 4.272e−10
p9 1.364e−10 ± 8.823e−12
q1 0.2275 ± 0.5502
q2 −0.05904 ± 0.1388
q3 0.0103 ± 0.01392
q4 −0.0005986 ± 0.0005708
q5 1.031e−05 ± 8.053e−06

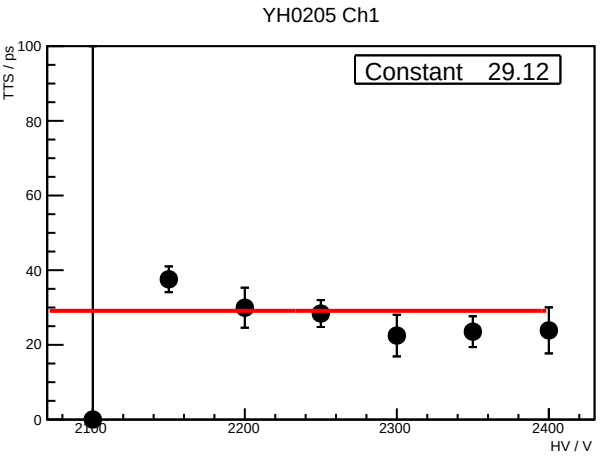

tdc[12]:adc[12]-104 {tdc[12]>0&&tdc[12]<4000&&nhit==1&&ipos==12}
TDC (count)
ADC (count)
χ² / ndf 1956 / 43
A 20 ± 0.008903
X0 0.5005 ± 7.814e−08
TDC0 1868 ± 0.04284
p1 −1.261 ± 0.05623
p2 0.2591 ± 0.01602
p3 −0.03169 ± 0.001402
p4 0.001502 ± 3.548e−05
p5 1.389e−06 ± 2.135e−06
p6 −1.691e−06 ± 3.021e−08
p7 −5.867e−09 ± 2.416e−09
p8 2.309e−09 ± 8.256e−11
p9 −3.82e−11 ± 3.072e−12
q1 1.342 ± 0.9502
q2 −0.4165 ± 0.2337
q3 0.04625 ± 0.023
q4 −0.001905 ± 0.0009219
q5 2.506e−05 ± 1.212e−05

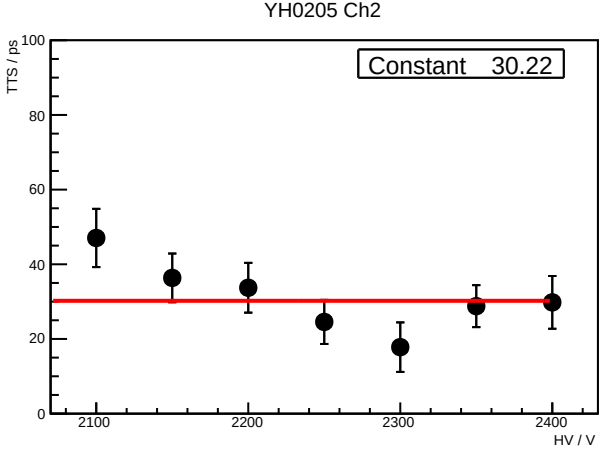

tdc[13]:adc[13]-94 {tdc[13]>0&&tdc[13]<4000&&nhit==1&&ipos==13}
TDC (count)
ADC (count)
χ² / ndf 1.276e+04 / 37
A 20 ± 0.001045
X0 1.905e−13 ± 4.003e−05
TDC0 1875 ± 0.03381
p1 −0.3862 ± 0.01254
p2 −0.02247 ± 0.001301
p3 0.005922 ± 6.15e−05
p4 −0.0003755 ± 2.4e−06
p5 −6.42e−07 ± 8.739e−08
p6 7.158e−07 ± 3.065e−09
p7 −4.558e−10 ± 1.034e−10
p8 −1.174e−09 ± 3.355e−12
p9 2.262e−11 ± 1.044e−13
q1 0.2526 ± 0.1418
q2 −0.2317 ± 0.01031
q3 0.02406 ± 0.0002901
q4 −0.0007832 ± 5.71e−06
q5 7.784e−06 ± 9.001e−08

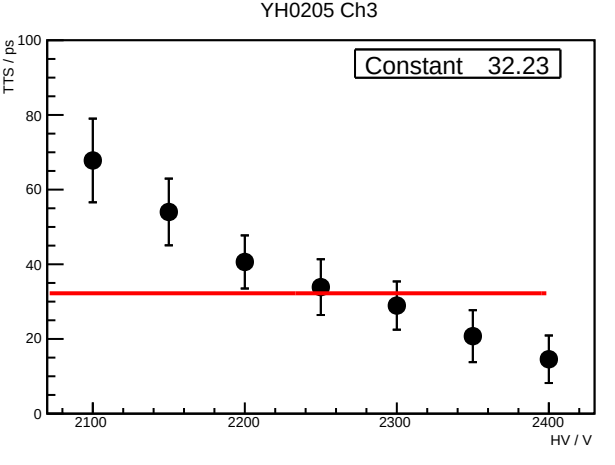

tdc[14]:adc[14]-96 {tdc[14]>0&&tdc[14]<4000&&nhit==1&&ipos==14}
TDC (count)
ADC (count)
χ² / ndf 1.067e+04 / 33
A 20 ± 0.001329
X0 4.996e−16 ± 5.033e−05
TDC0 1876 ± 0.04667
p1 −0.6404 ± 0.0404
p2 0.05386 ± 0.007284
p3 −0.00342 ± 0.0002849
p4 4.179e−05 ± 7.293e−06
p5 4.514e−06 ± 1.104e−07
p6 1.263e−08 ± 1.091e−08
p7 −5.845e−09 ± 3.521e−10
p8 −1.785e−10 ± 2.176e−12
p9 7.592e−12 ± 5.593e−13
q1 −2.007 ± 1.815
q2 1.076 ± 0.8551
q3 −0.0676 ± 0.05657
q4 −0.003992 ± 0.003163
q5 0.0002829 ± 0.0002404

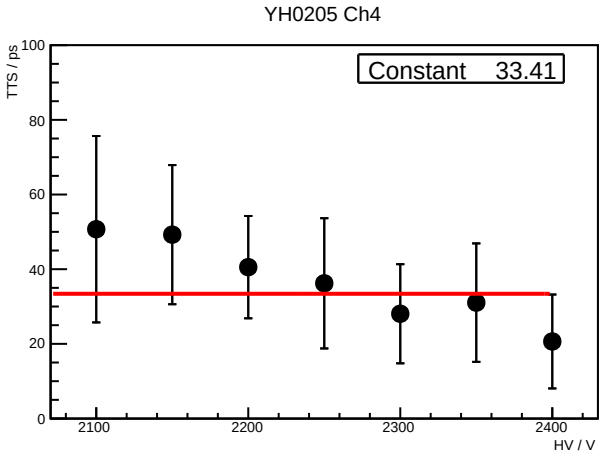

tdc[15]:adc[15]-104 {tdc[15]>0&&tdc[15]<4000&&nhit==1&&ipos==15}
TDC (count)
ADC (count)
χ² / ndf 3979 / 29
A 20 ± 0.005912
X0 4.58e−14 ± 0.0001481
TDC0 1868 ± 0.04017
p1 −2.595 ± 0.1364
p2 0.7753 ± 0.07274
p3 −0.1128 ± 0.01359
p4 0.007264 ± 0.001032
p5 −0.0001191 ± 2.198e−05
p6 −5.631e−06 ± 8.265e−07
p7 8.841e−08 ± 1.854e−08
p8 7.531e−09 ± 1.224e−09
p9 −1.703e−10 ± 3.115e−11
q1 21.4 ± 13.86
q2 −4.656 ± 5.879
q3 0.2062 ± 1.054
q4 0.0205 ± 0.08443
q5 −0.001366 ± 0.002469

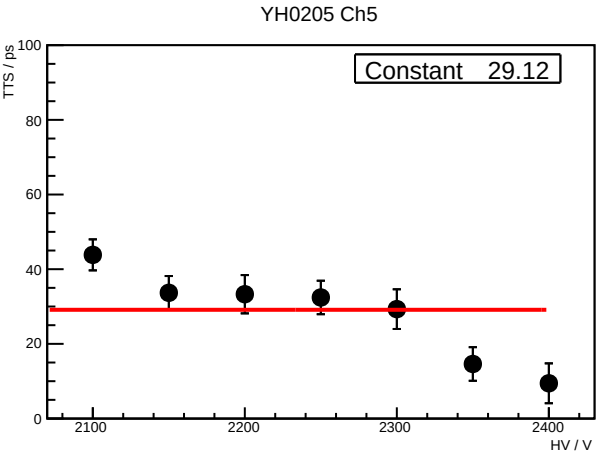

YH0205 Ch0
Constant 27.14
TTS / ps
HV / V

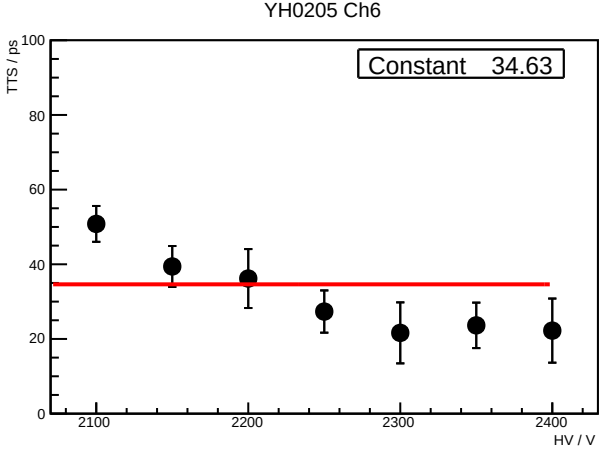

YH0205 Ch1
Constant 29.12
TTS / ps
HV / V

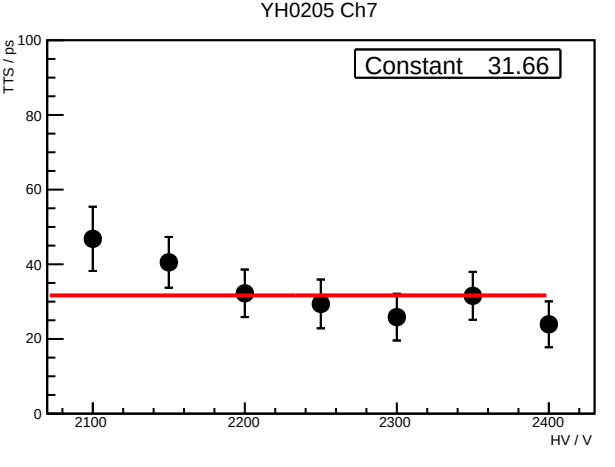

YH0205 Ch2
Constant 30.22
TTS / ps
HV / V

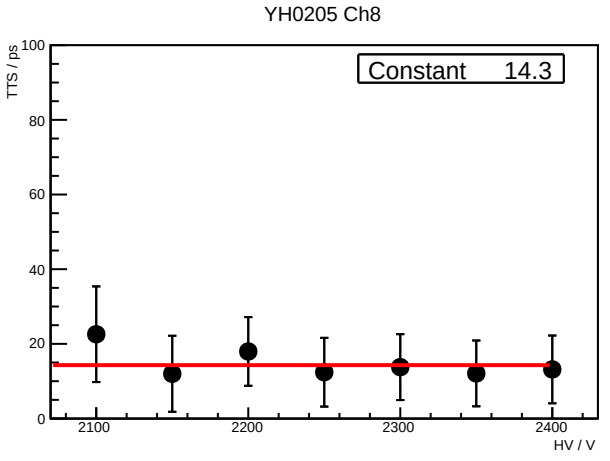

YH0205 Ch3
Constant 32.23
TTS / ps
HV / V

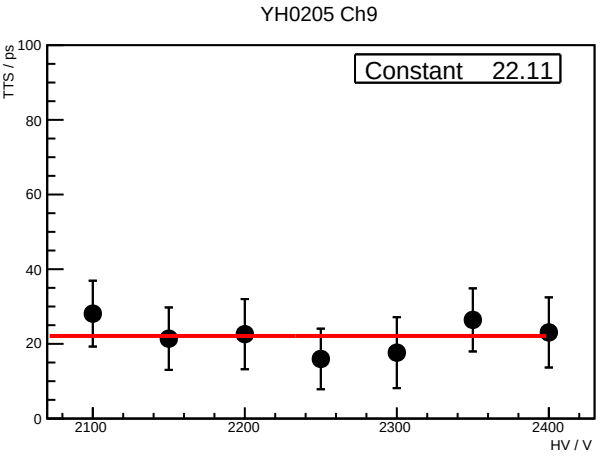

YH0205 Ch4
Constant 33.41
TTS / ps
HV / V

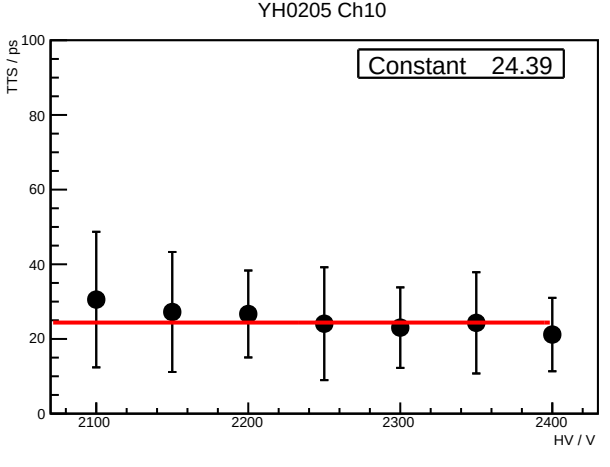

YH0205 Ch5
Constant 29.12
TTS / ps
HV / V

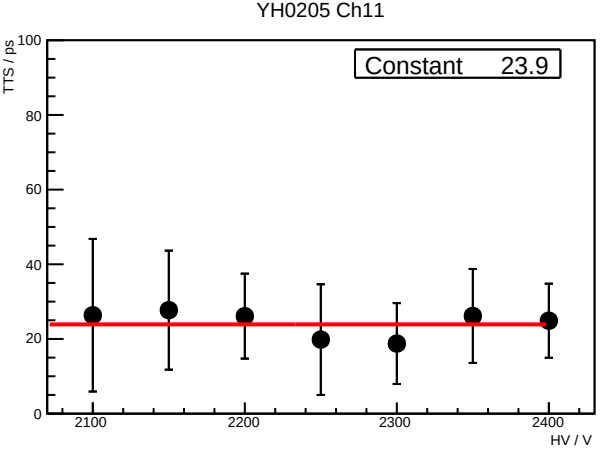

YH0205 Ch6
Constant 34.63
TTS / ps
HV / V

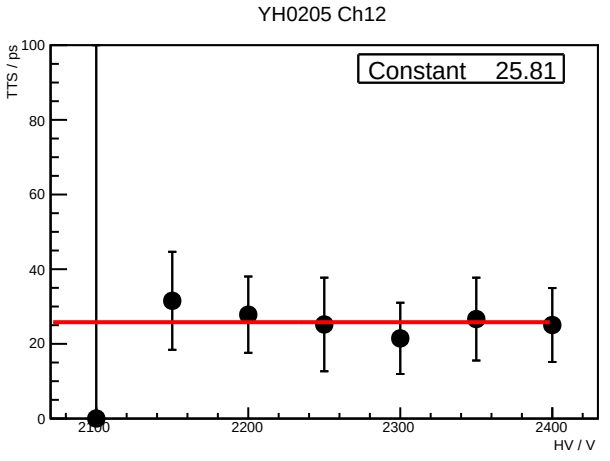

YH0205 Ch7
Constant 31.66
TTS / ps
HV / V

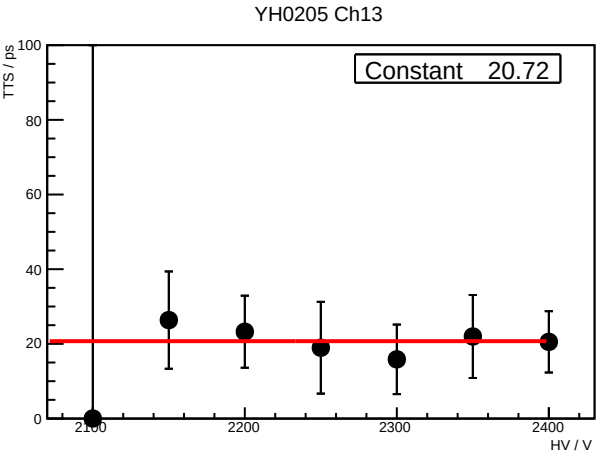

YH0205 Ch8
Constant 14.3
TTS / ps
HV / V

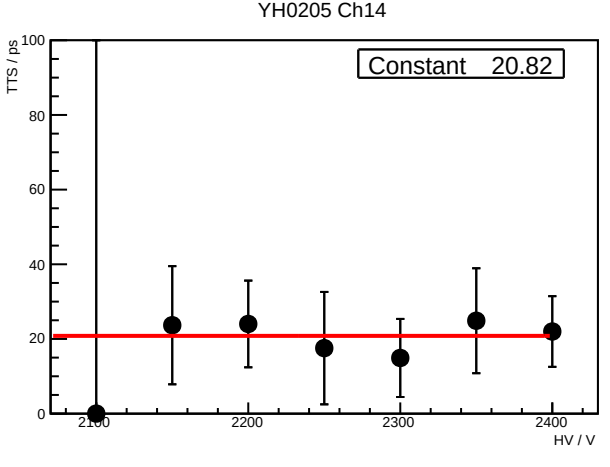

YH0205 Ch9
Constant 22.11
TTS / ps
HV / V

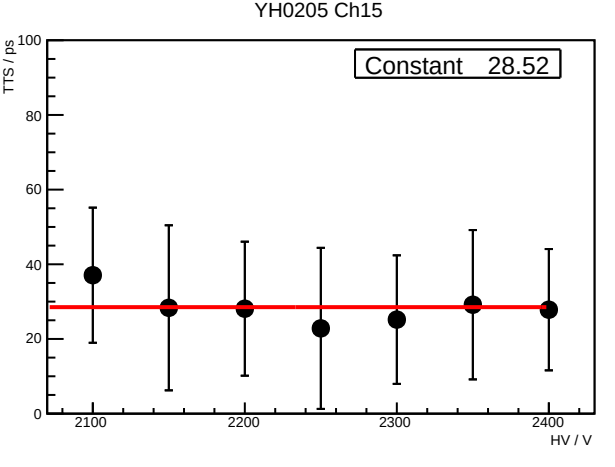

YH0205 Ch10
Constant 24.39
TTS / ps
HV / V

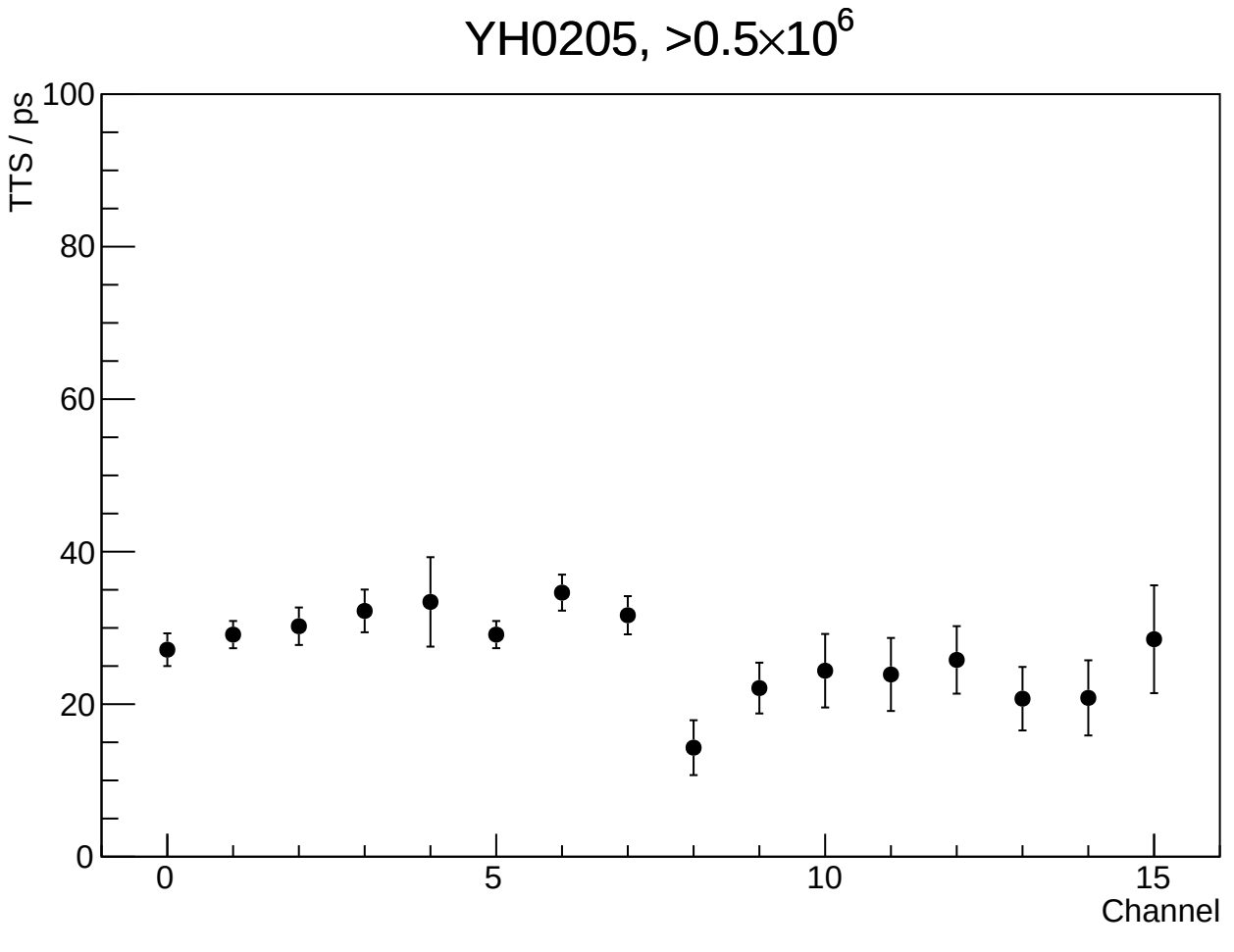

YH0205 Ch11
Constant 23.9
TTS / ps
HV / V


YH0205 Ch12
Constant 25.81
TTS / ps
HV / V


YH0205 Ch13
Constant 20.72
TTS / ps
HV / V


YH0205 Ch14
Constant 20.82
TTS / ps
HV / V


YH0205 Ch15
Constant 28.52
TTS / ps
HV / V


YH0205, >0.5×10^6
TTS / ps
100
80
60
40
20
0
0
5
10
15
Channel