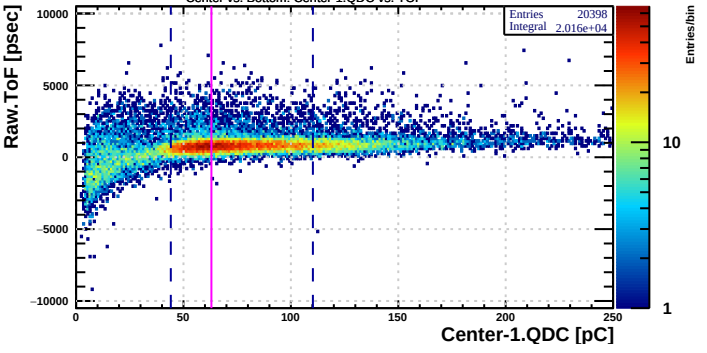
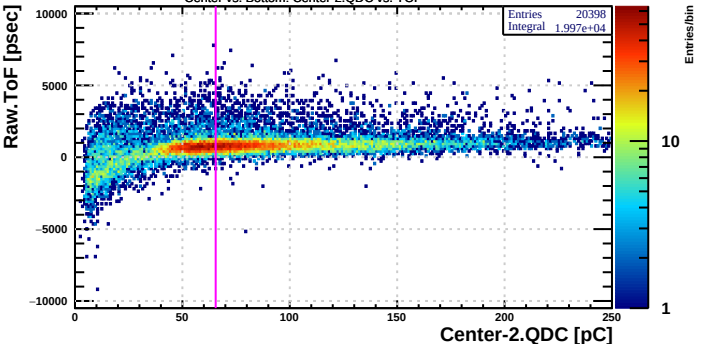
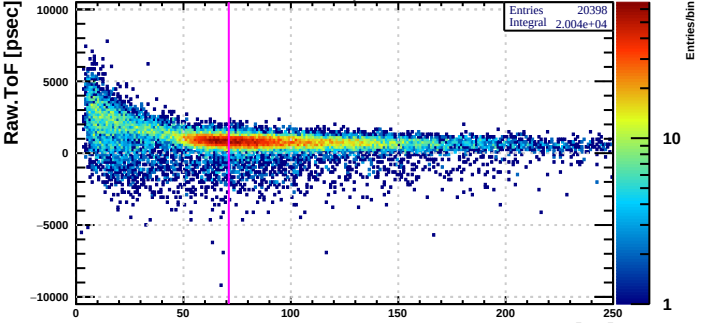
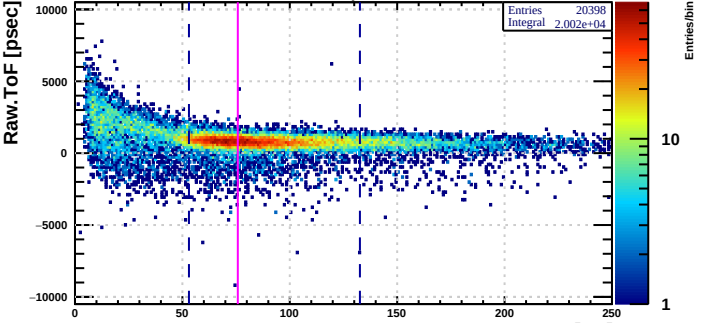
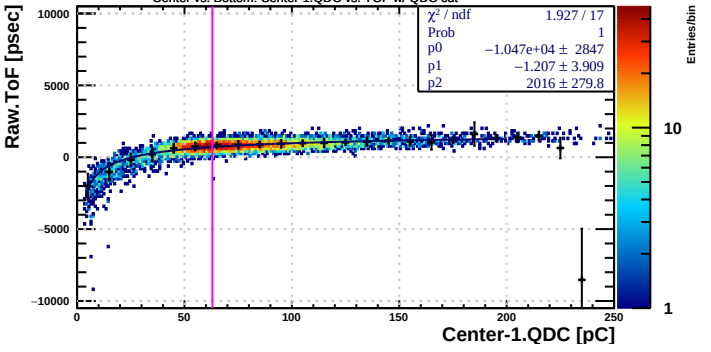
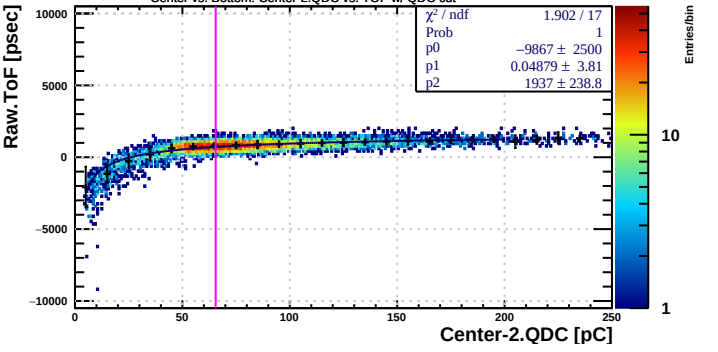

Center vs. Bottom: Center-1.QDC vs. TOF
Entries 20398
Integral 2.016e+04
Raw.ToF [psec]
Center-1.QDC [pC]
Entries/bin

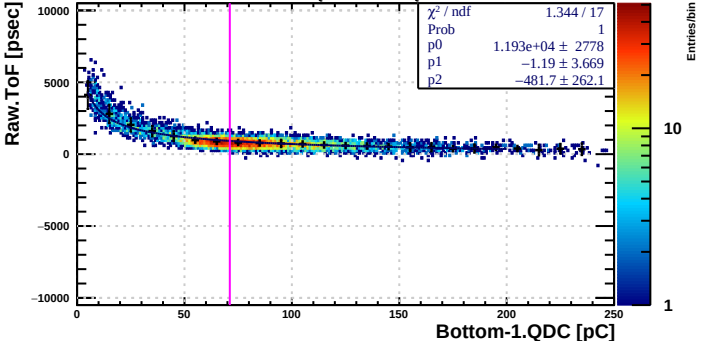

Center vs. Bottom: Center-2.QDC vs. TOF
Entries 20398
Integral 1.997e+04
Raw.ToF [psec]
Center-2.QDC [pC]
Entries/bin

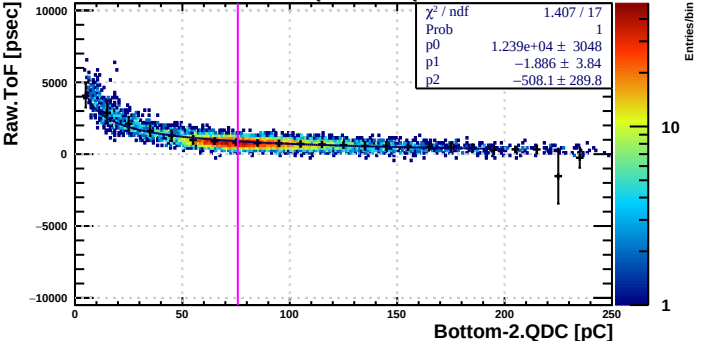

Center vs. Bottom: Bottom-1.QDC vs. TOF
Entries 20398
Integral 2.004e+04
Raw.ToF [psec]
Bottom-1.QDC [pC]
Entries/bin

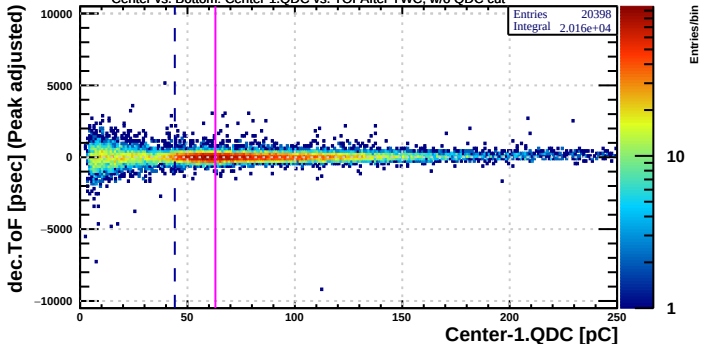

Center vs. Bottom: Bottom-2.QDC vs. TOF
Entries 20398
Integral 2.002e+04
Raw.ToF [psec]
Bottom-2.QDC [pC]
Entries/bin

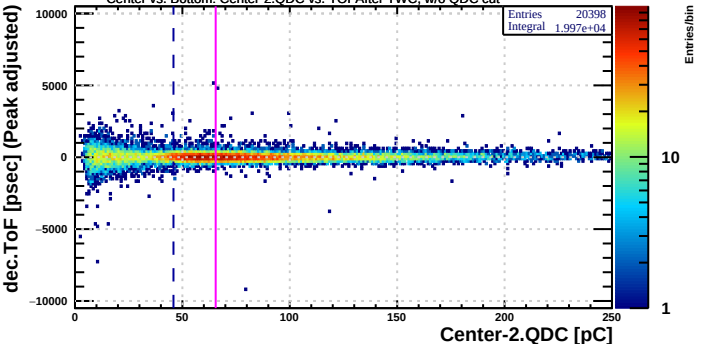

Center vs. Bottom: Center-1.QDC vs. TOF w/ QDC cut
χ² / ndf 1.927 / 17
Prob 1
p0 −1.047e+04 ± 2847
p1 −1.207 ± 3.909
p2 2016 ± 279.8
Raw.ToF [psec]
Center-1.QDC [pC]
Entries/bin

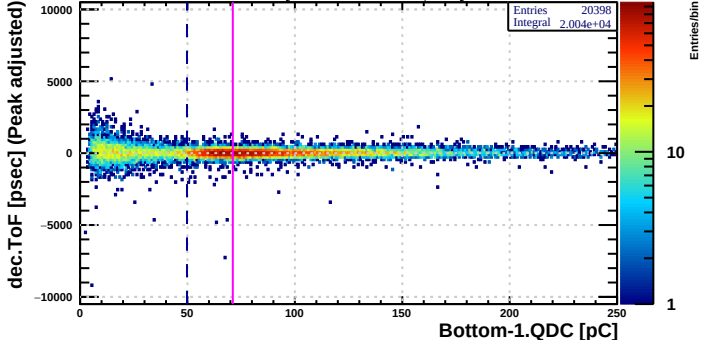

Center vs. Bottom: Center-2.QDC vs. TOF w/ QDC cut
χ² / ndf 1.902 / 17
Prob 1
p0 −9867 ± 2500
p1 0.04879 ± 3.81
p2 1937 ± 238.8
Raw.ToF [psec]
Center-2.QDC [pC]
Entries/bin

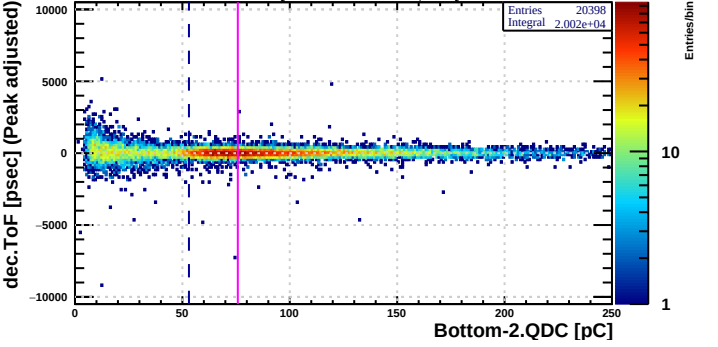

Center vs. Bottom: Bottom-1.QDC vs. TOF w/ QDC cut
χ² / ndf 1.344 / 17
Prob 1
p0 1.193e+04 ± 2778
p1 −1.19 ± 3.669
p2 −481.7 ± 262.1
Raw.ToF [psec]
Bottom-1.QDC [pC]
Entries/bin

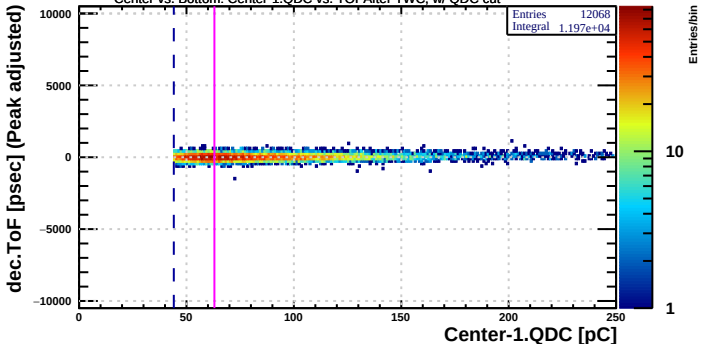

Center vs. Bottom: Bottom-2.QDC vs. TOF w/ QDC cut
χ² / ndf 1.407 / 17
Prob 1
p0 1.239e+04 ± 3048
p1 −1.886 ± 3.84
p2 −508.1 ± 289.8
Raw.ToF [psec]
Bottom-2.QDC [pC]
Entries/bin

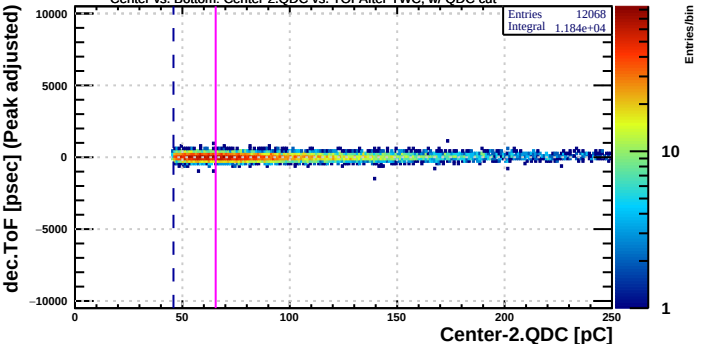

Center vs. Bottom: Center-1.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 20398
Integral 2.016e+04
dec.ToF [psec] (Peak adjusted)
Center-1.QDC [pC]
Entries/bin

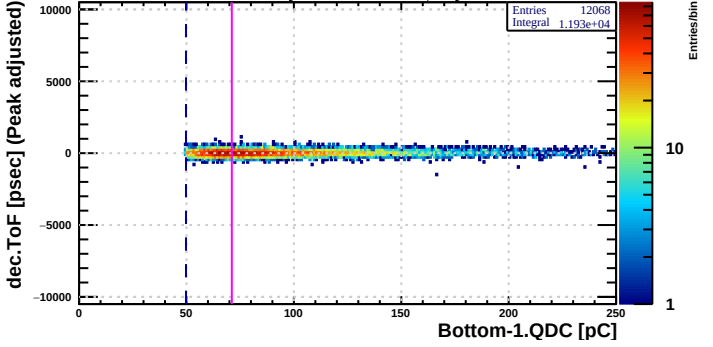

Center vs. Bottom: Center-2.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 20398
Integral 1.997e+04
dec.ToF [psec] (Peak adjusted)
Center-2.QDC [pC]
Entries/bin

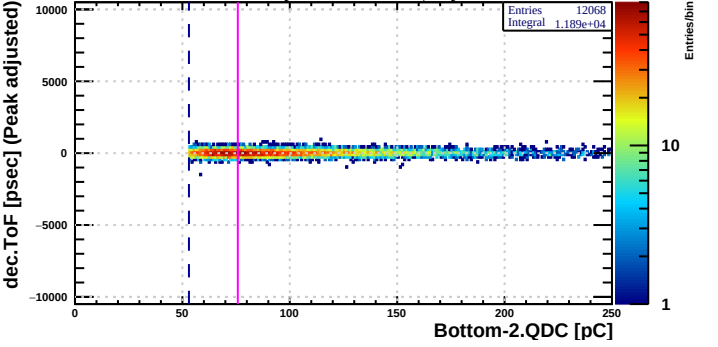

Center vs. Bottom: Bottom-1.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 20398
Integral 2.004e+04
dec.ToF [psec] (Peak adjusted)
Bottom-1.QDC [pC]
Entries/bin

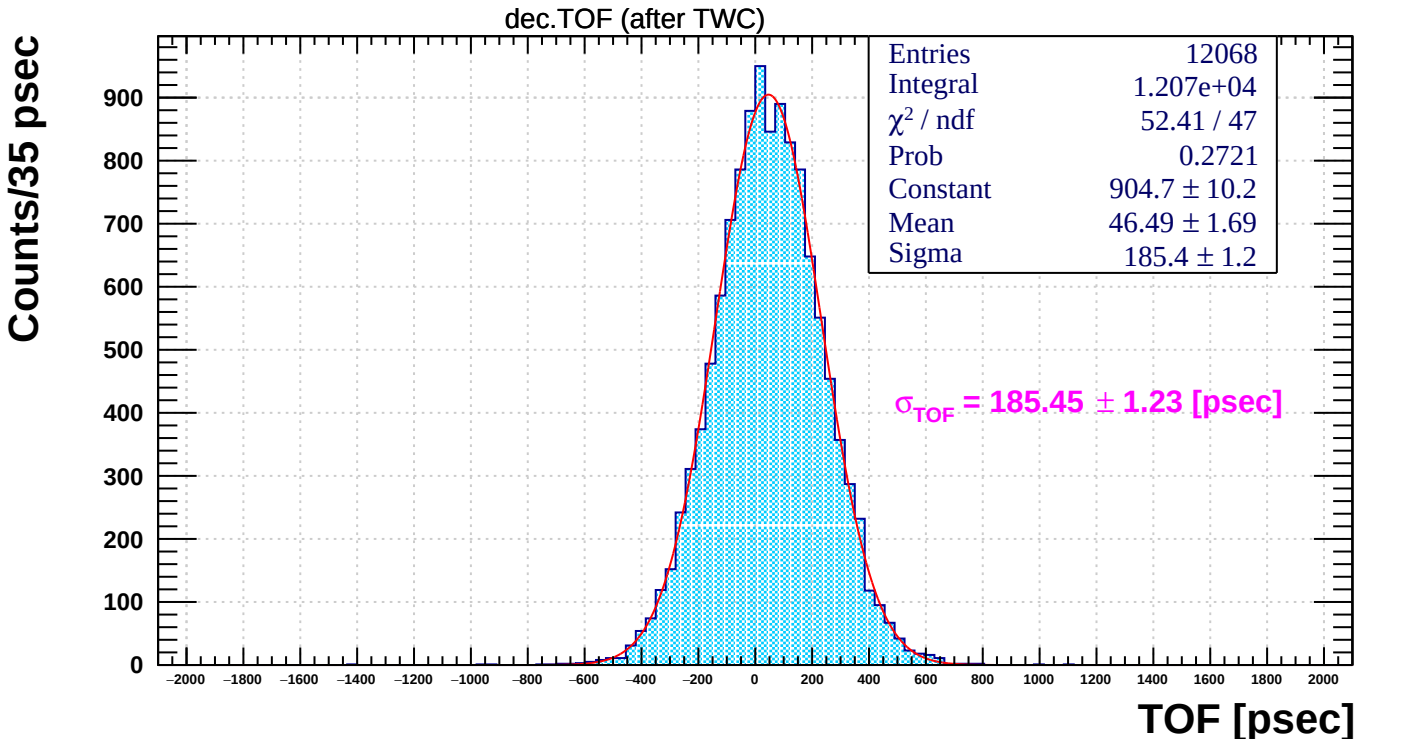

Center vs. Bottom: Bottom-2.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 20398
Integral 2.002e+04
dec.ToF [psec] (Peak adjusted)
Bottom-2.QDC [pC]
Entries/bin

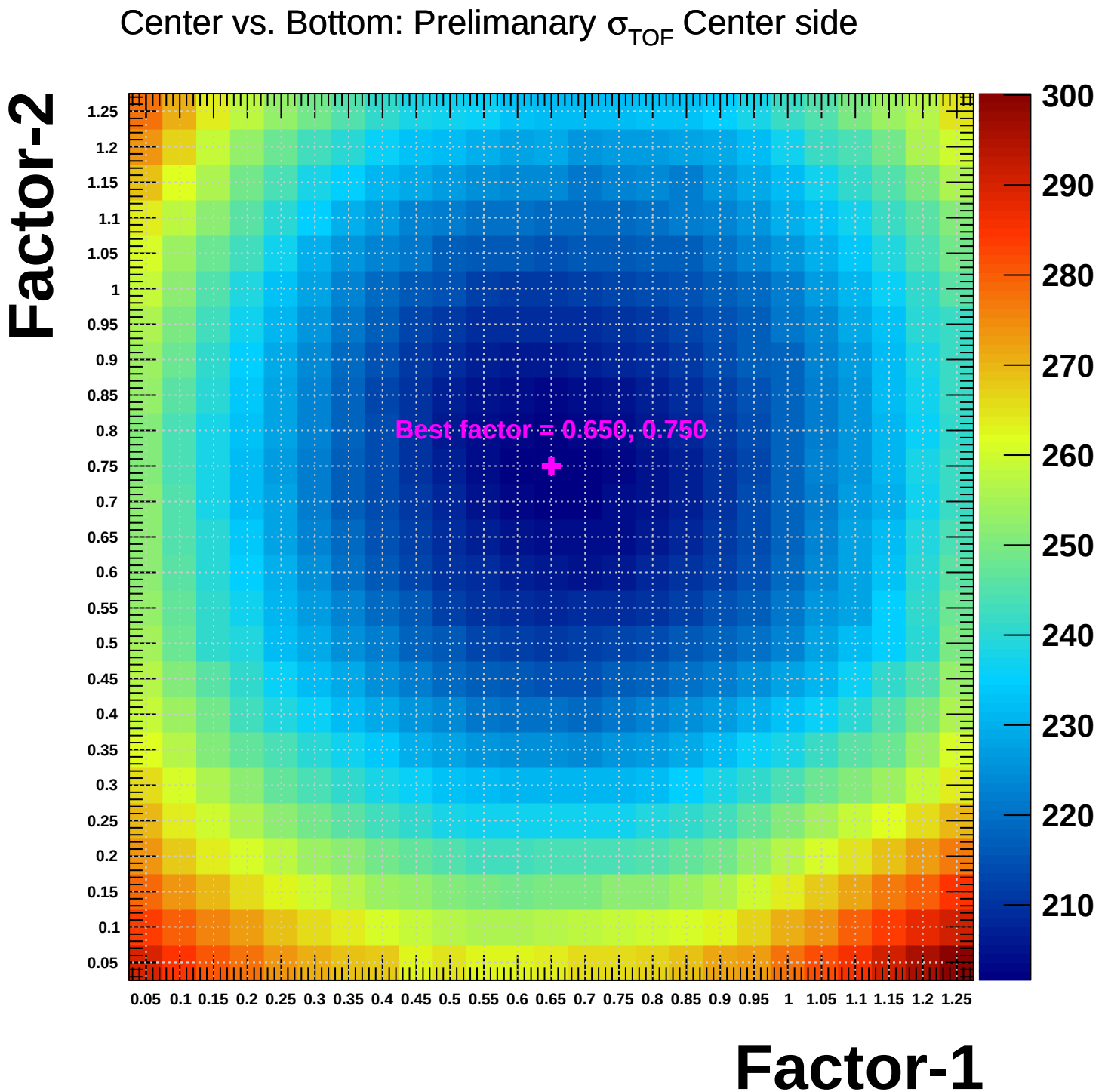

Center vs. Bottom: Center-1.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 12068
Integral 1.197e+04
dec.ToF [psec] (Peak adjusted)
Center-1.QDC [pC]
Entries/bin

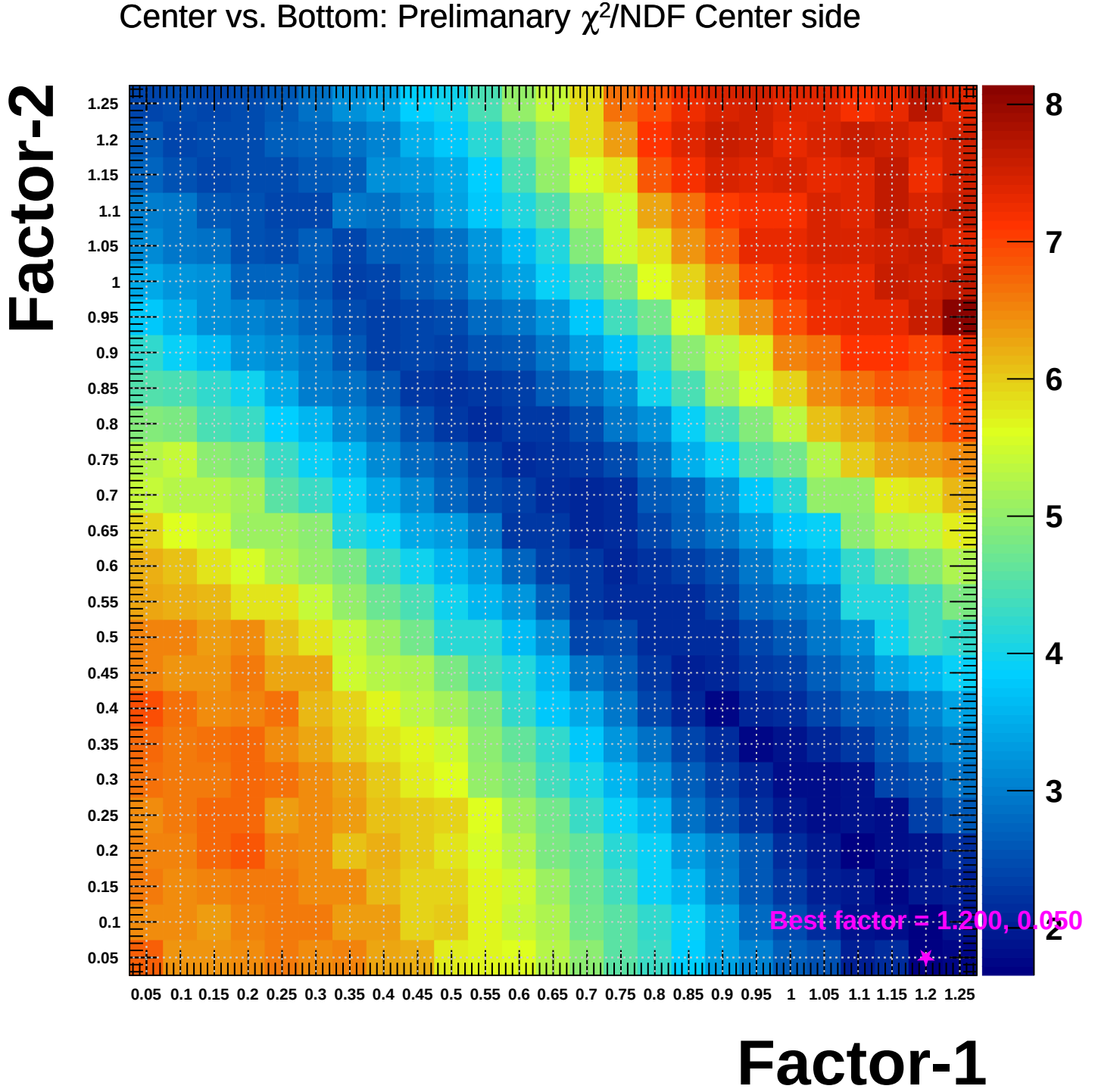

Center vs. Bottom: Center-2.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 12068
Integral 1.184e+04
dec.ToF [psec] (Peak adjusted)
Center-2.QDC [pC]
Entries/bin


Center vs. Bottom: Bottom-1.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 12068
Integral 1.193e+04
dec.ToF [psec] (Peak adjusted)
Bottom-1.QDC [pC]
Entries/bin

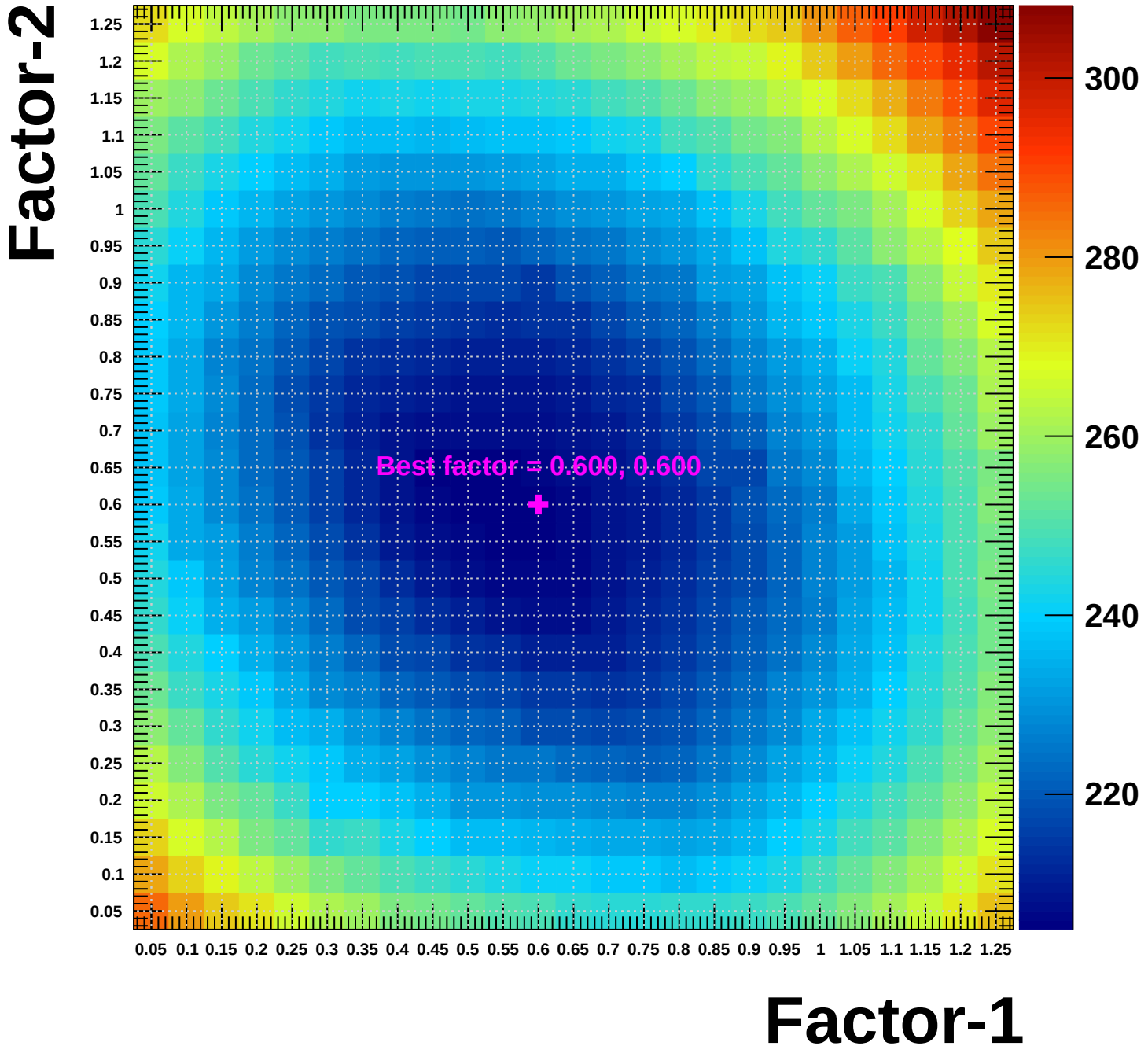

Center vs. Bottom: Bottom-2.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 12068
Integral 1.189e+04
dec.ToF [psec] (Peak adjusted)
Bottom-2.QDC [pC]
Entries/bin

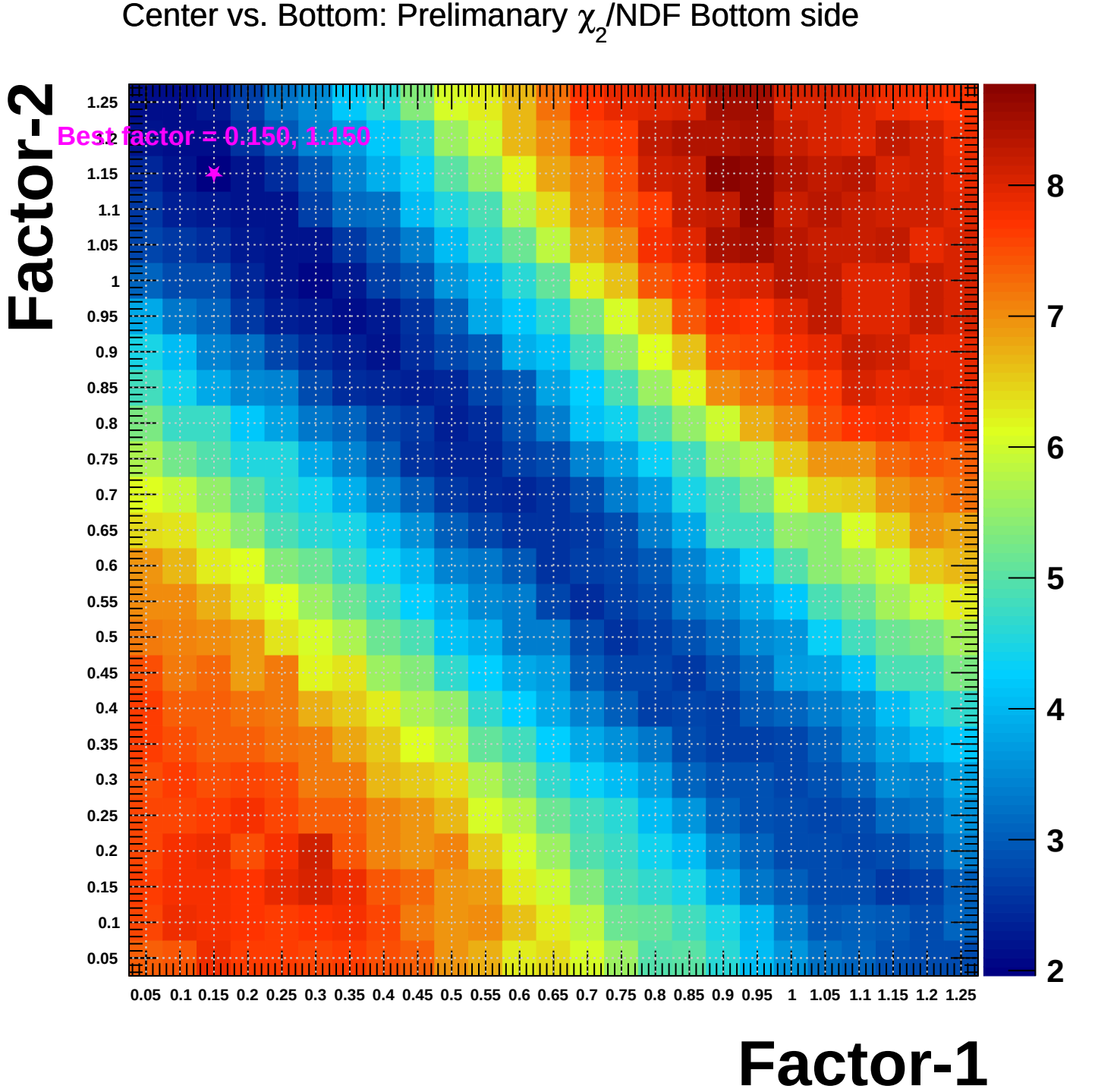

dec.TOF (after TWC)
Entries 12068
Integral 1.207e+04
χ² / ndf 52.41 / 47
Prob 0.2721
Constant 904.7 ± 10.2
Mean 46.49 ± 1.69
Sigma 185.4 ± 1.2
σTOF = 185.45 ± 1.23 [psec]
Counts/35 psec
TOF [psec]
0
100
200
300
400
500
600
700
800
900
−2000 −1800 −1600 −1400 −1200 −1000 −800 −600 −400 −200 0 200 400 600 800 1000 1200 1400 1600 1800 2000


Center vs. Bottom: Prelimanary σTOF Center side
Factor-2
Factor-1
Best factor = 0.650, 0.750
1.25
1.2
1.15
1.1
1.05
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7 0.75 0.8 0.85 0.9 0.95 1 1.05 1.1 1.15 1.2 1.25
300
290
280
270
260
250
240
230
220
210


Center vs. Bottom: Prelimanary χ2/NDF Center side
Factor-2
Factor-1
Best factor = 1.200, 0.050
1.25
1.2
1.15
1.1
1.05
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7 0.75 0.8 0.85 0.9 0.95 1 1.05 1.1 1.15 1.2 1.25
8
7
6
5
4
3
2

Center vs. Bottom: Prelimanary σ_{TOF} Bottom side




Center vs. Bottom: Prelimanary χ_2/NDF Bottom side
Best factor = 0.150, 1.150
Factor-2
Factor-1
1.25
1.2
1.15
1.1
1.05
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7 0.75 0.8 0.85 0.9 0.95 1 1.05 1.1 1.15 1.2 1.25
8
7
6
5
4
3
2