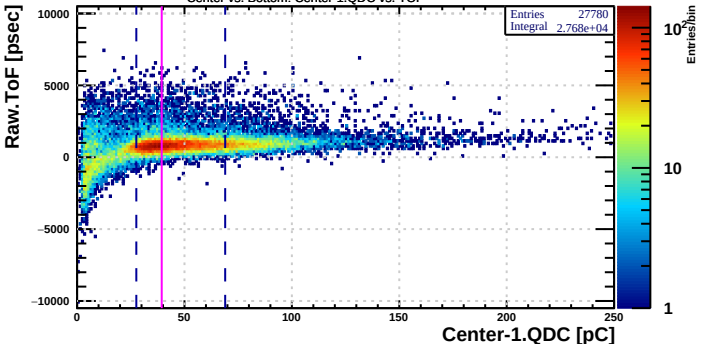
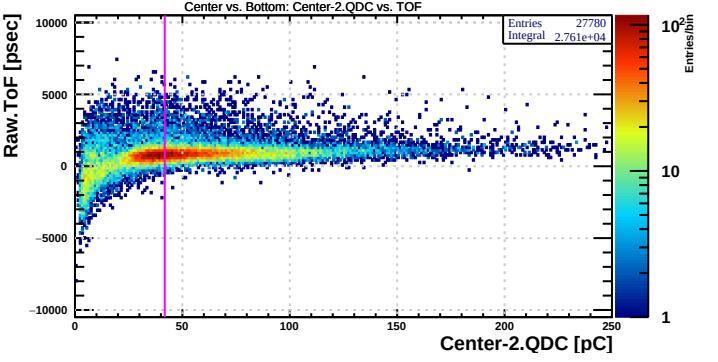
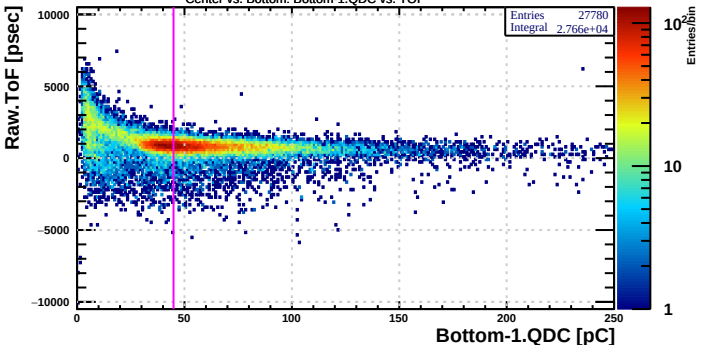
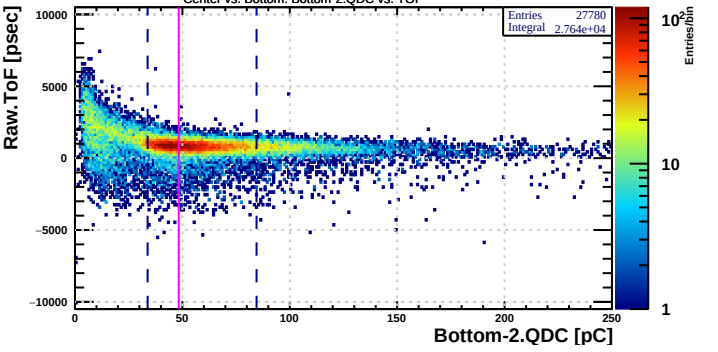
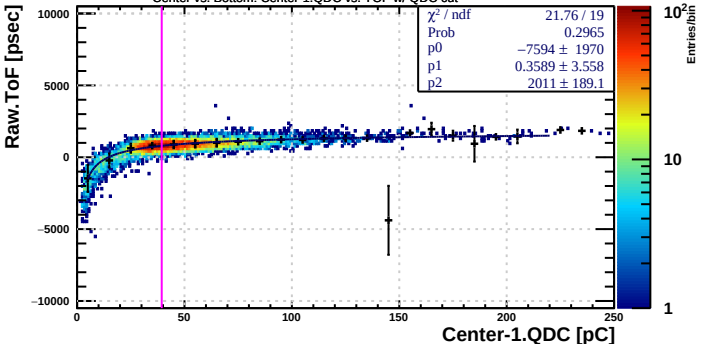
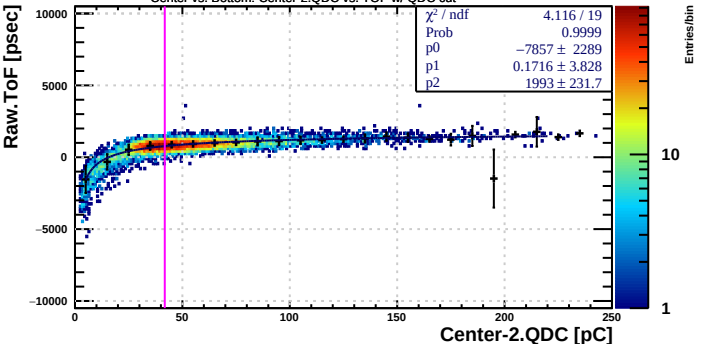

Center vs. Bottom: Center-1.QDC vs. TOF
Entries 27780
Integral 2.768e+04
Raw.ToF [psec]
Center-1.QDC [pC]
Entries/bin

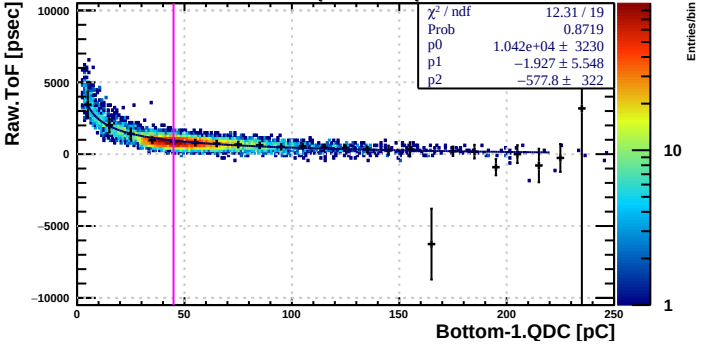

Center vs. Bottom: Center-2.QDC vs. TOF
Entries 27780
Integral 2.761e+04
Raw.ToF [psec]
Center-2.QDC [pC]
Entries/bin

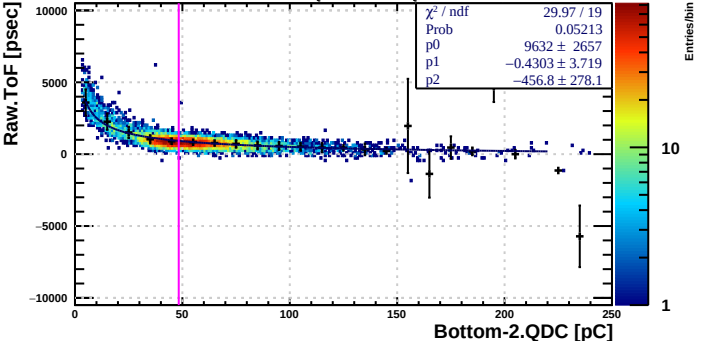

Center vs. Bottom: Bottom-1.QDC vs. TOF
Entries 27780
Integral 2.766e+04
Raw.ToF [psec]
Bottom-1.QDC [pC]
Entries/bin

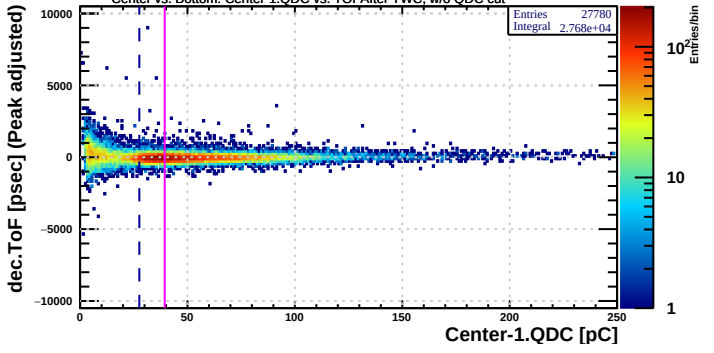

Center vs. Bottom: Bottom-2.QDC vs. TOF
Entries 27780
Integral 2.764e+04
Raw.ToF [psec]
Bottom-2.QDC [pC]
Entries/bin

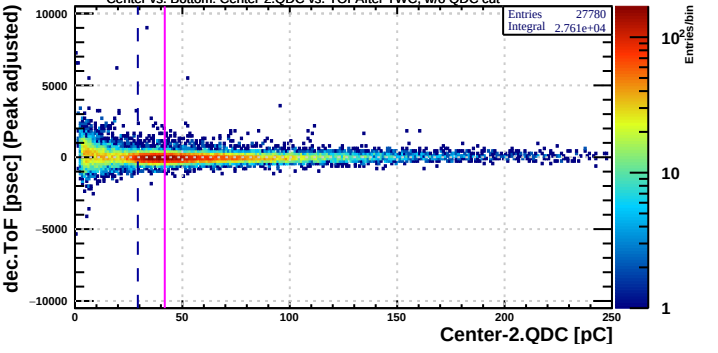

Center vs. Bottom: Center-1.QDC vs. TOF w/ QDC cut
χ² / ndf 21.76 / 19
Prob 0.2965
p0 −7594 ± 1970
p1 0.3589 ± 3.558
p2 2011 ± 189.1
Raw.ToF [psec]
Center-1.QDC [pC]
Entries/bin

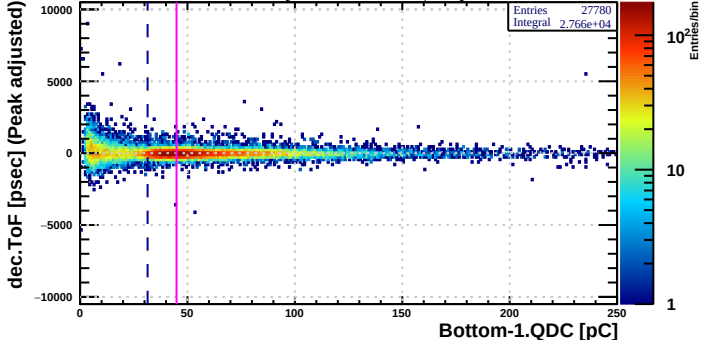

Center vs. Bottom: Center-2.QDC vs. TOF w/ QDC cut
χ² / ndf 4.116 / 19
Prob 0.9999
p0 −7857 ± 2289
p1 0.1716 ± 3.828
p2 1993 ± 231.7
Raw.ToF [psec]
Center-2.QDC [pC]
Entries/bin

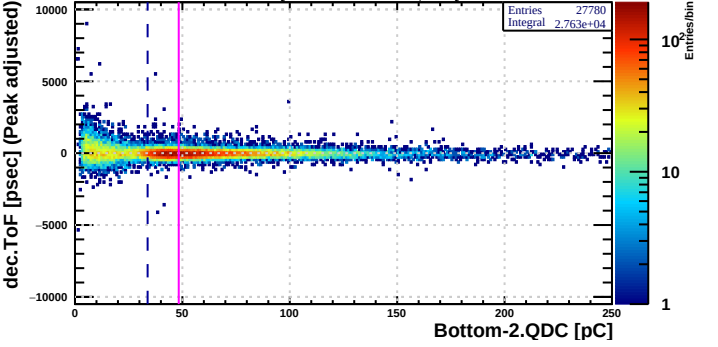

Center vs. Bottom: Bottom-1.QDC vs. TOF w/ QDC cut
χ² / ndf 12.31 / 19
Prob 0.8719
p0 1.042e+04 ± 3230
p1 −1.927 ± 5.548
p2 −577.8 ± 322
Raw.ToF [psec]
Bottom-1.QDC [pC]
Entries/bin

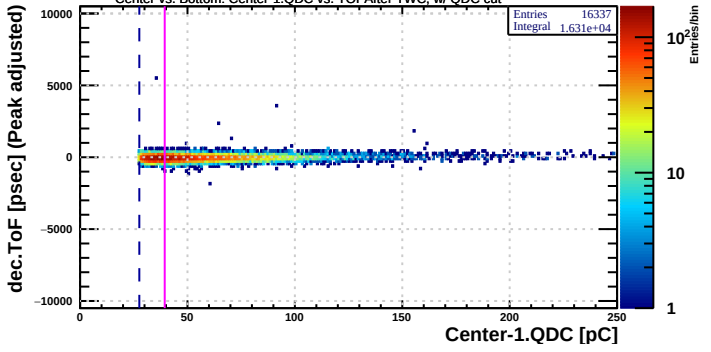

Center vs. Bottom: Bottom-2.QDC vs. TOF w/ QDC cut
χ² / ndf 29.97 / 19
Prob 0.05213
p0 9632 ± 2657
p1 −0.4303 ± 3.719
p2 −456.8 ± 278.1
Raw.ToF [psec]
Bottom-2.QDC [pC]
Entries/bin

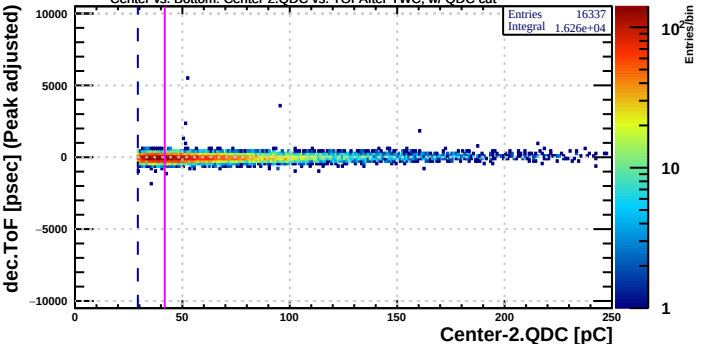

Center vs. Bottom: Center-1.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 27780
Integral 2.768e+04
dec.ToF [psec] (Peak adjusted)
Center-1.QDC [pC]
Entries/bin

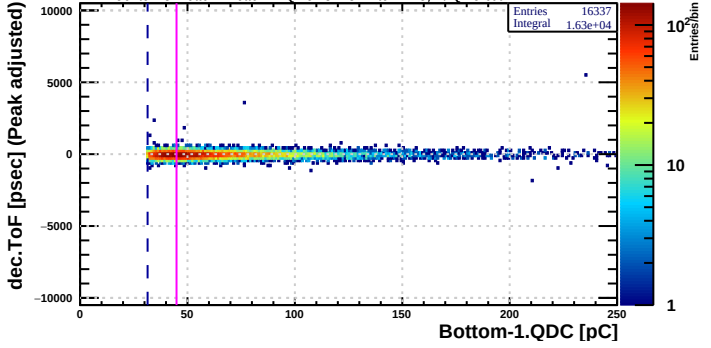

Center vs. Bottom: Center-2.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 27780
Integral 2.761e+04
dec.ToF [psec] (Peak adjusted)
Center-2.QDC [pC]
Entries/bin

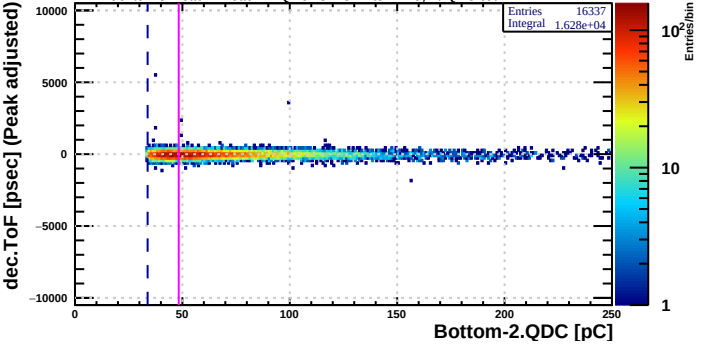

Center vs. Bottom: Bottom-1.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 27780
Integral 2.766e+04
dec.ToF [psec] (Peak adjusted)
Bottom-1.QDC [pC]
Entries/bin

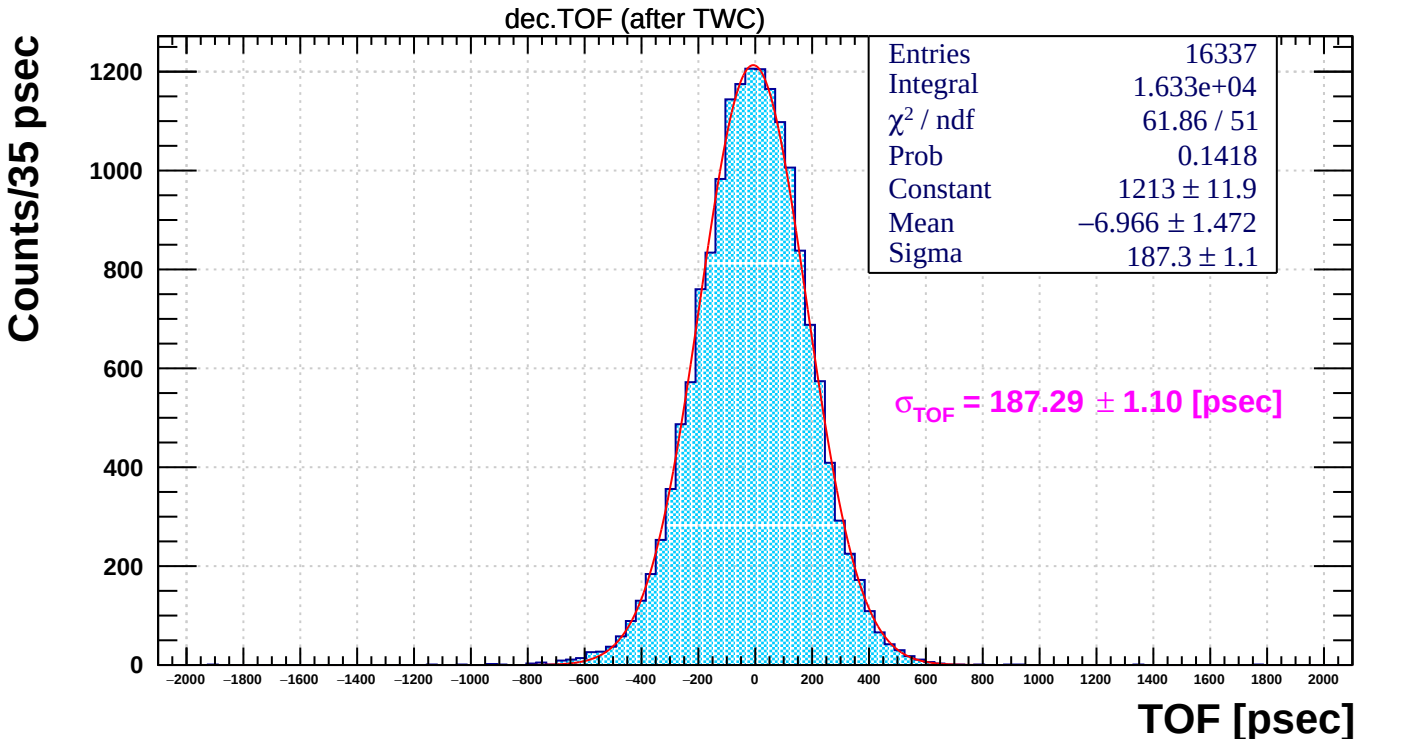

Center vs. Bottom: Bottom-2.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 27780
Integral 2.763e+04
dec.ToF [psec] (Peak adjusted)
Bottom-2.QDC [pC]
Entries/bin

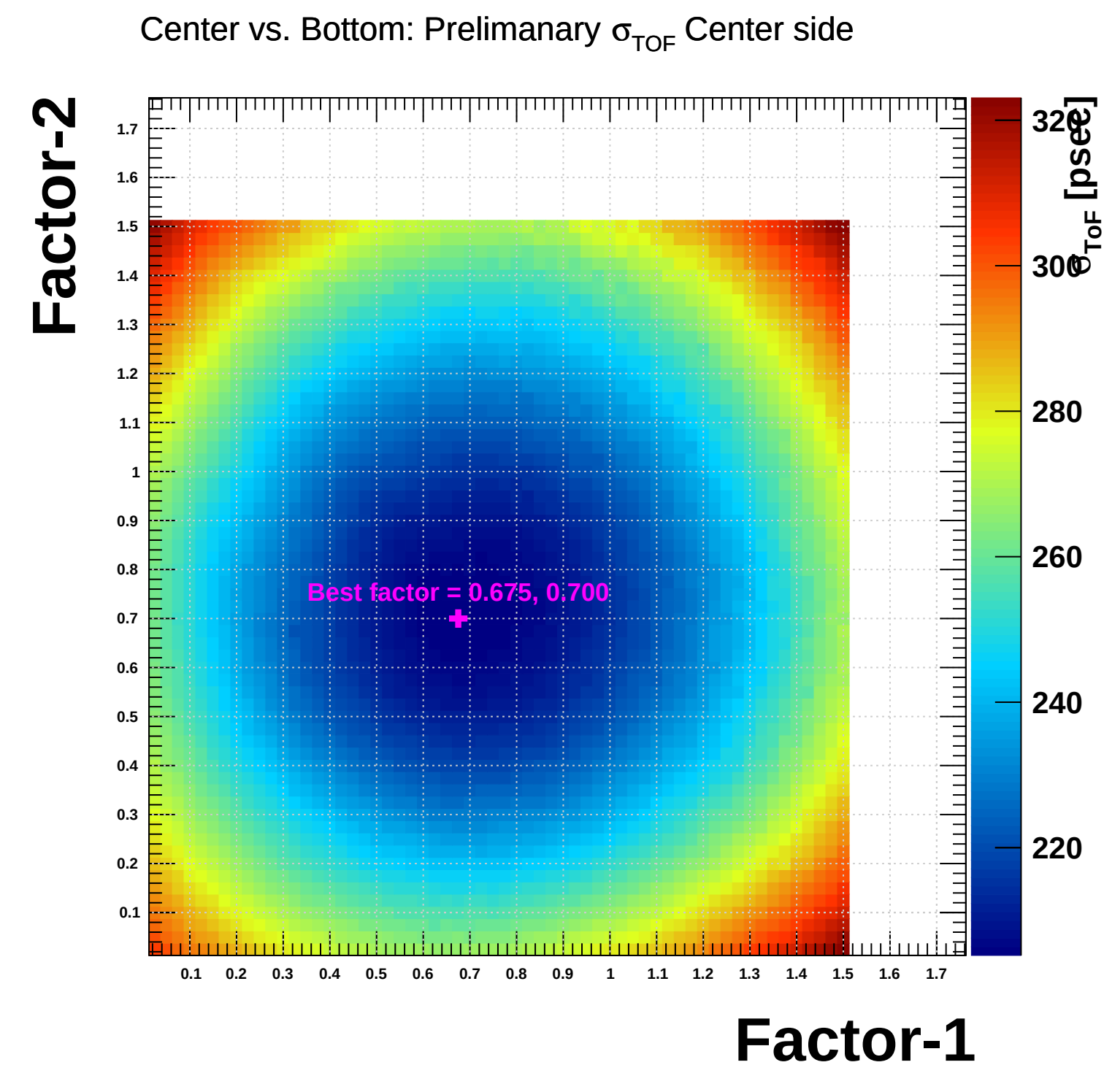

Center vs. Bottom: Center-1.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 16337
Integral 1.631e+04
dec.ToF [psec] (Peak adjusted)
Center-1.QDC [pC]
Entries/bin

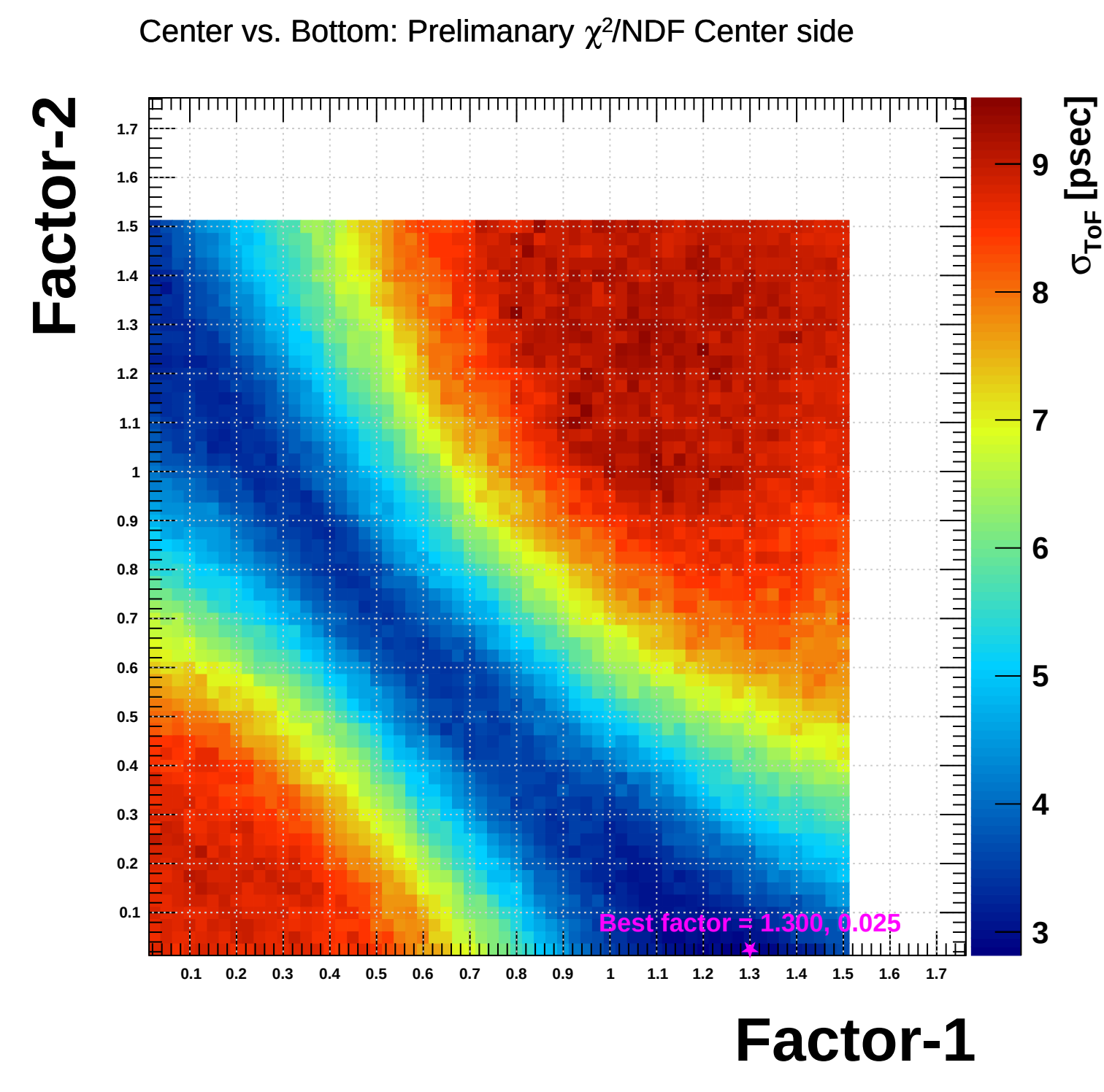

Center vs. Bottom: Center-2.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 16337
Integral 1.626e+04
dec.ToF [psec] (Peak adjusted)
Center-2.QDC [pC]
Entries/bin

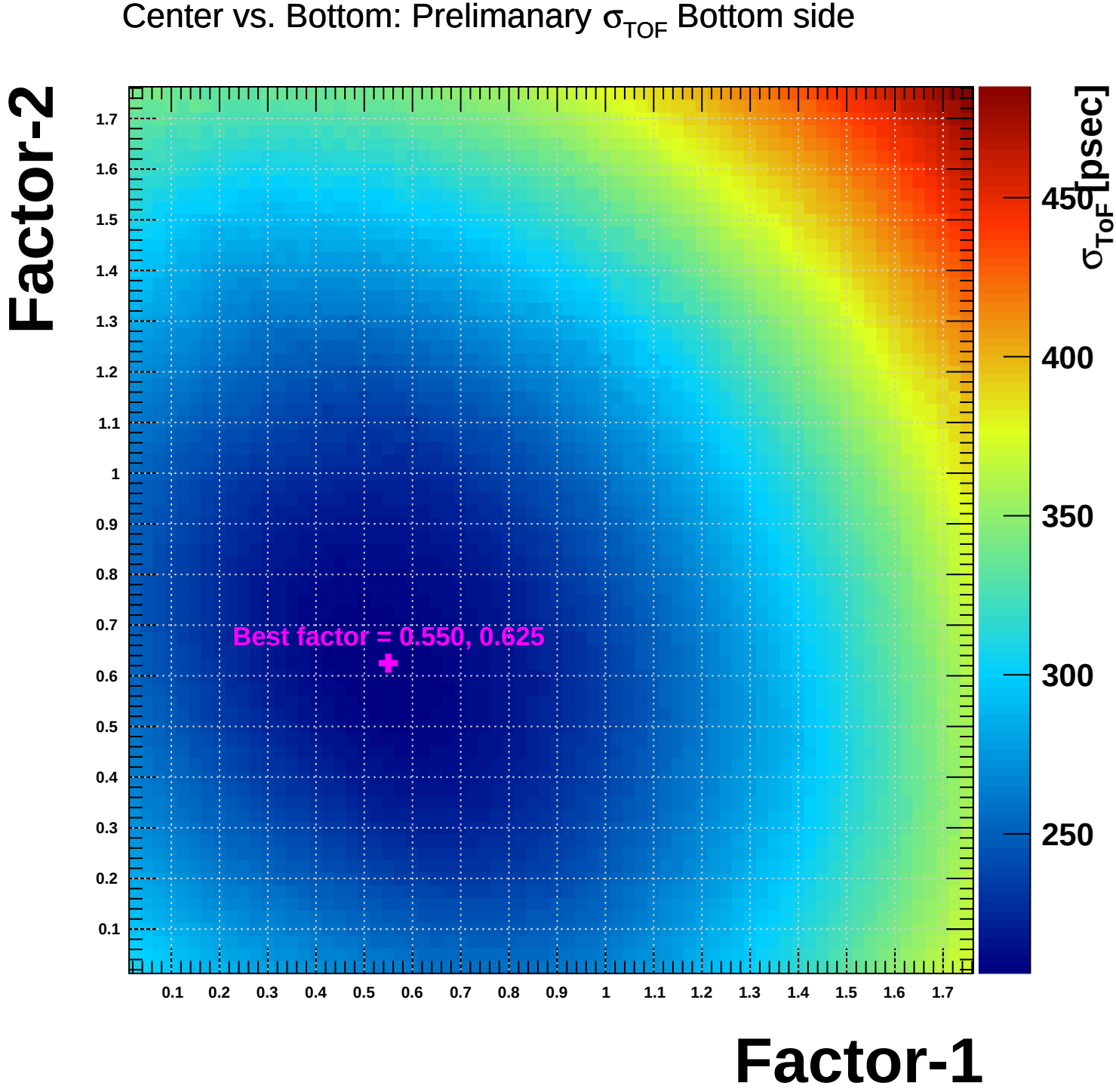

Center vs. Bottom: Bottom-1.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 16337
Integral 1.63e+04
dec.ToF [psec] (Peak adjusted)
Bottom-1.QDC [pC]
Entries/bin

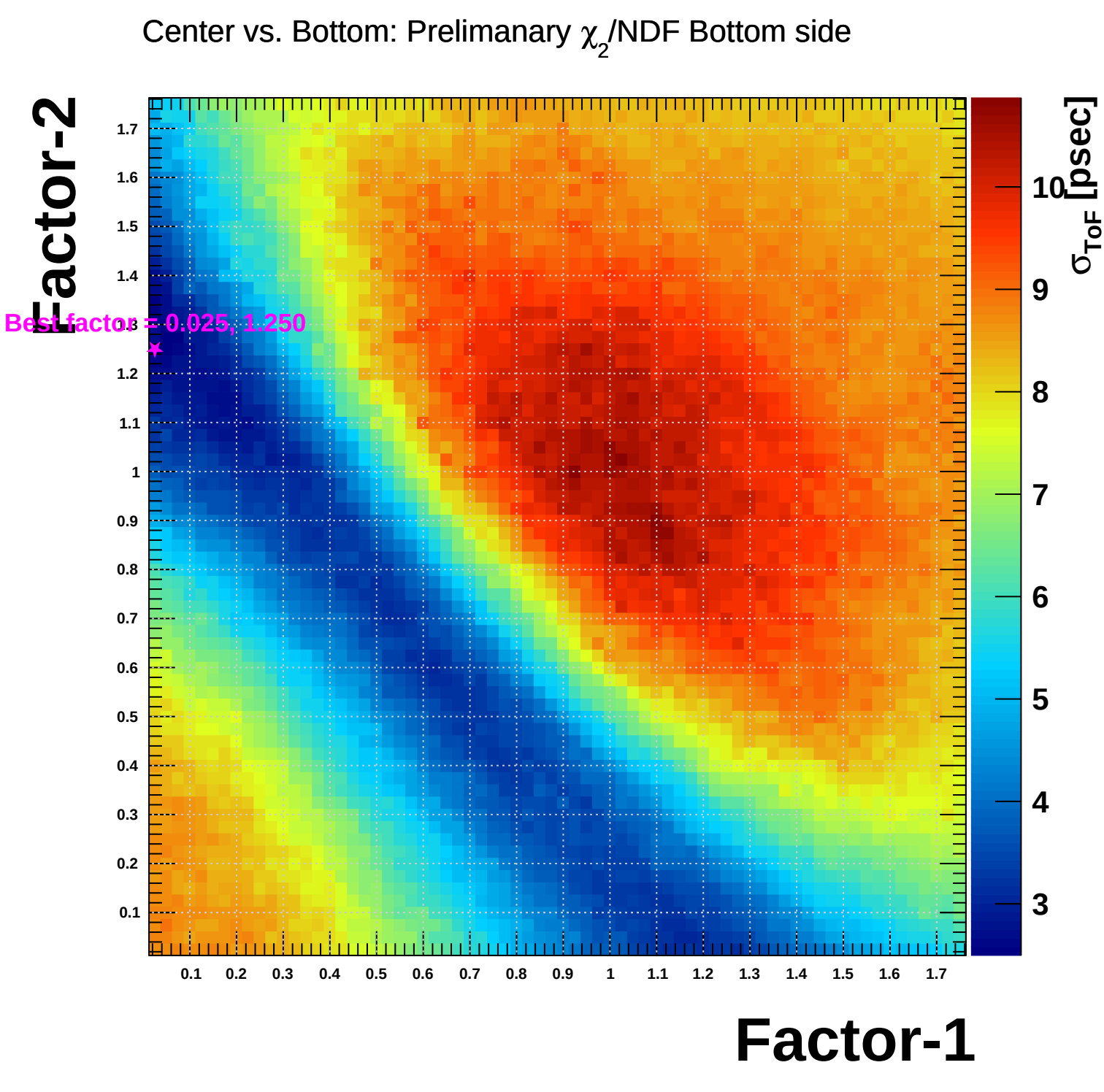

Center vs. Bottom: Bottom-2.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 16337
Integral 1.628e+04
dec.ToF [psec] (Peak adjusted)
Bottom-2.QDC [pC]
Entries/bin


dec.TOF (after TWC)
Counts/35 psec
TOF [psec]
Entries 16337
Integral 1.633e+04
χ² / ndf 61.86 / 51
Prob 0.1418
Constant 1213 ± 11.9
Mean −6.966 ± 1.472
Sigma 187.3 ± 1.1
σTOF = 187.29 ± 1.10 [psec]
0
200
400
600
800
1000
1200
−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 = 0.675, 0.700
σToF [psec]
320
300
280
260
240
220
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
1.1
1.2
1.3
1.4
1.5
1.6
1.7


Center vs. Bottom: Prelimanary χ^2/NDF Center side
Factor-2
Factor-1
σ_{ToF} [psec]
Best factor = 1.300, 0.025
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 1.1 1.2 1.3 1.4 1.5 1.6 1.7
9
8
7
6
5
4
3


Center vs. Bottom: Preliminary σ_{TOF} Bottom side
Factor-2
Factor-1
σ_{ToF} [psec]
Best factor = 0.550, 0.625
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
1.1
1.2
1.3
1.4
1.5
1.6
1.7
250
300
350
400
450


Center vs. Bottom: Prelimanary χ_2/NDF Bottom side
Factor-2
Best factor = 0.025, 1.250
Factor-1
σ_{ToF} [psec]
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
1.1
1.2
1.3
1.4
1.5
1.6
1.7
3
4
5
6
7
8
9
10