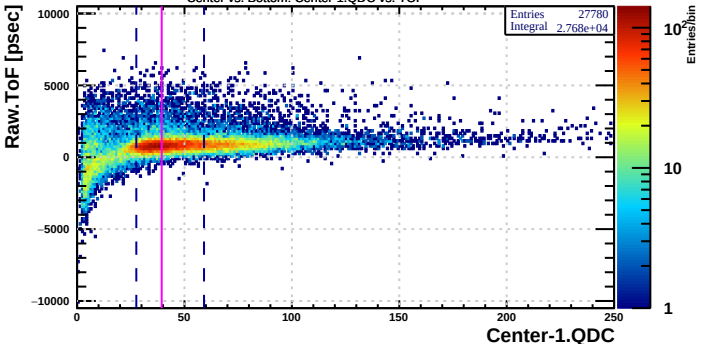
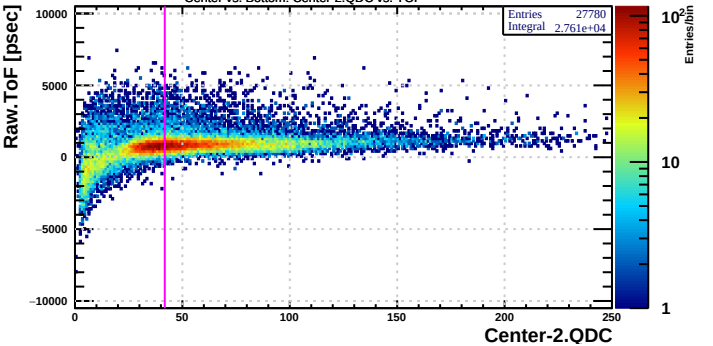
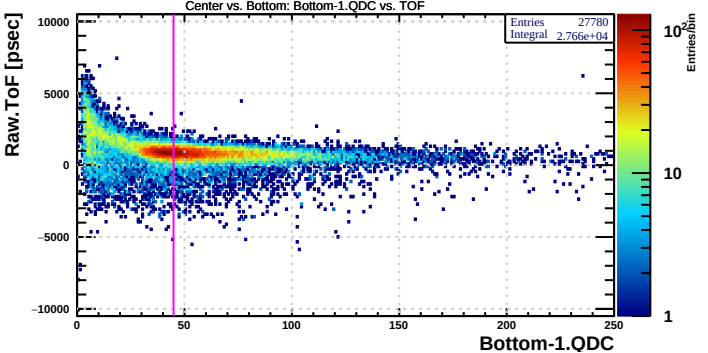
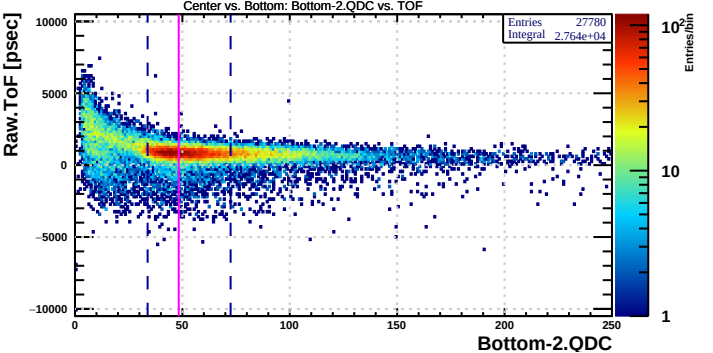
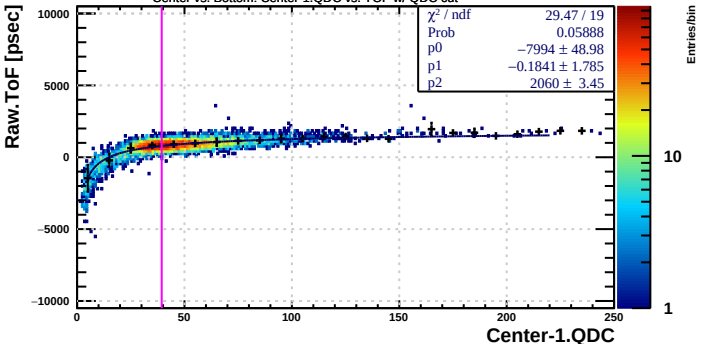
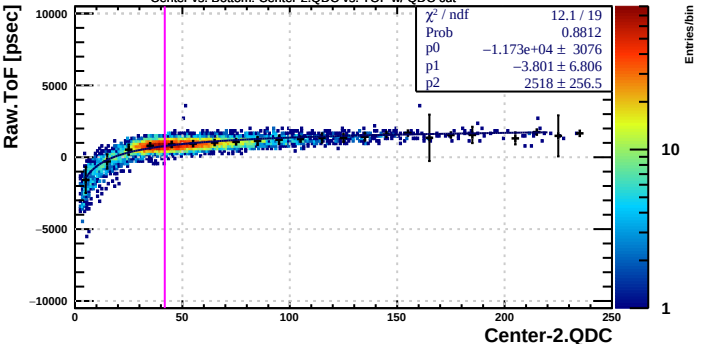

Center vs. Bottom: Center-1.QDC vs. TOF
Entries 27780
Integral 2.768e+04
Raw.ToF [psec]
Center-1.QDC
Entries/bin

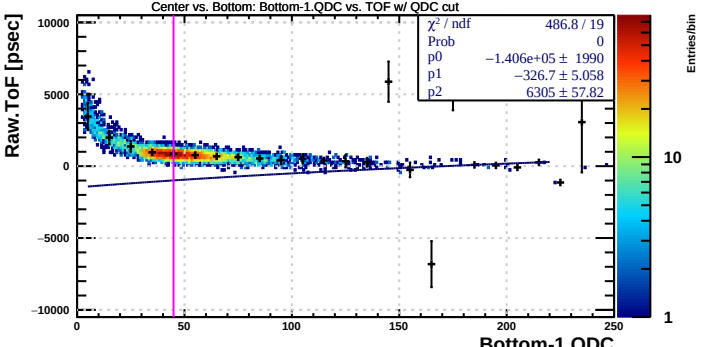

Center vs. Bottom: Center-2.QDC vs. TOF
Entries 27780
Integral 2.761e+04
Raw.ToF [psec]
Center-2.QDC
Entries/bin

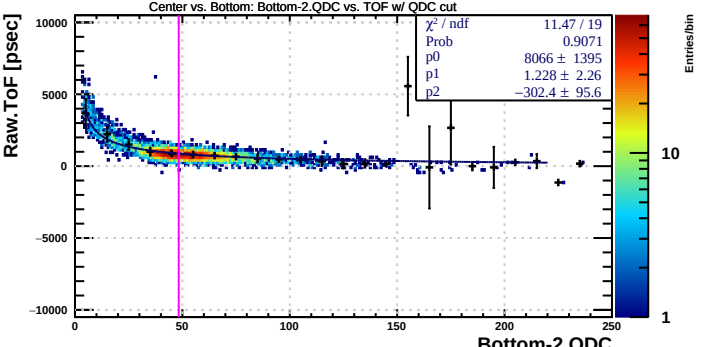

Center vs. Bottom: Bottom-1.QDC vs. TOF
Entries 27780
Integral 2.766e+04
Raw.ToF [psec]
Bottom-1.QDC
Entries/bin

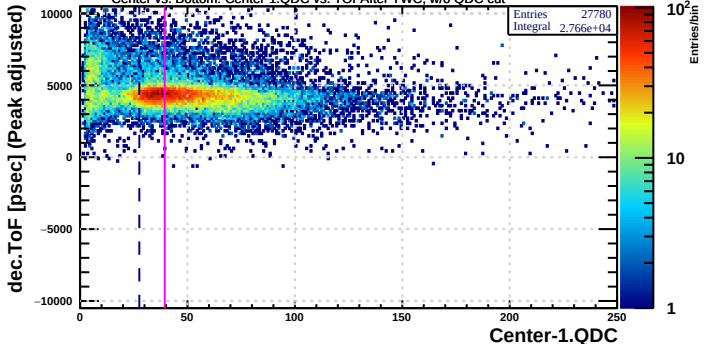

Center vs. Bottom: Bottom-2.QDC vs. TOF
Entries 27780
Integral 2.764e+04
Raw.ToF [psec]
Bottom-2.QDC
Entries/bin

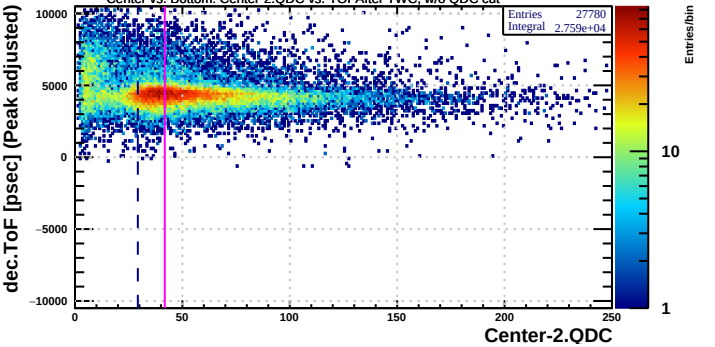

Center vs. Bottom: Center-1.QDC vs. TOF w/ QDC cut
χ² / ndf 29.47 / 19
Prob 0.05888
p0 −7994 ± 48.98
p1 −0.1841 ± 1.785
p2 2060 ± 3.45
Raw.ToF [psec]
Center-1.QDC
Entries/bin

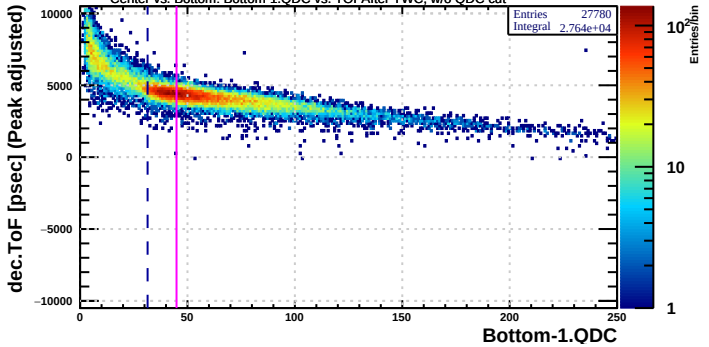

Center vs. Bottom: Center-2.QDC vs. TOF w/ QDC cut
χ² / ndf 12.1 / 19
Prob 0.8812
p0 −1.173e+04 ± 3076
p1 −3.801 ± 6.806
p2 2518 ± 256.5
Raw.ToF [psec]
Center-2.QDC
Entries/bin

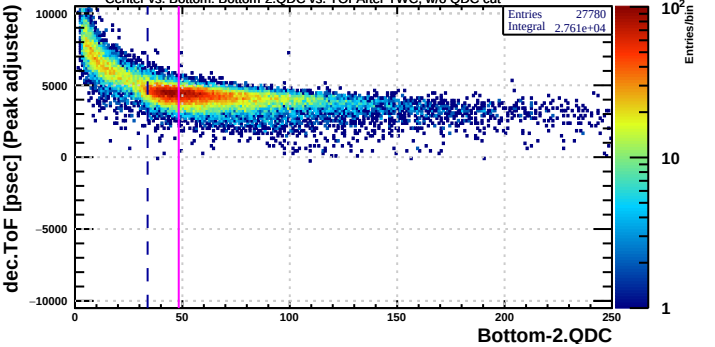

Center vs. Bottom: Bottom-1.QDC vs. TOF w/ QDC cut
χ² / ndf 486.8 / 19
Prob 0
p0 −1.406e+05 ± 1990
p1 −326.7 ± 5.058
p2 6305 ± 57.82
Raw.ToF [psec]
Bottom-1.QDC
Entries/bin

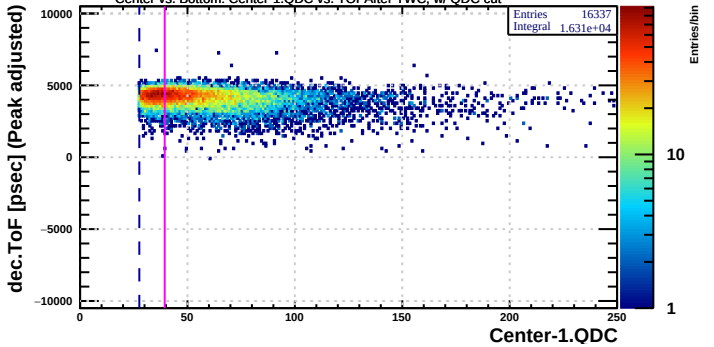

Center vs. Bottom: Bottom-2.QDC vs. TOF w/ QDC cut
χ² / ndf 11.47 / 19
Prob 0.9071
p0 8066 ± 1395
p1 1.228 ± 2.26
p2 −302.4 ± 95.6
Raw.ToF [psec]
Bottom-2.QDC
Entries/bin

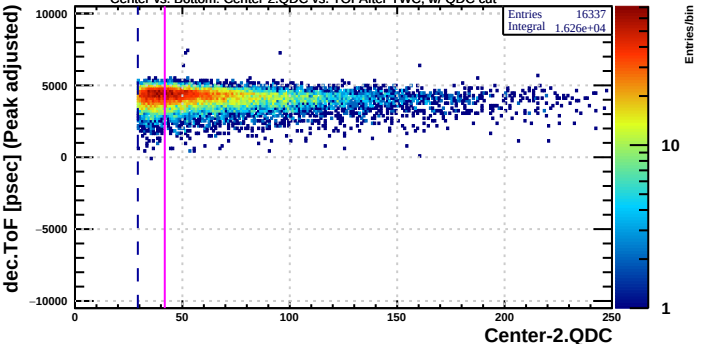

Center vs. Bottom: Center-1.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 27780
Integral 2.766e+04
dec.ToF [psec] (Peak adjusted)
Center-1.QDC
Entries/bin

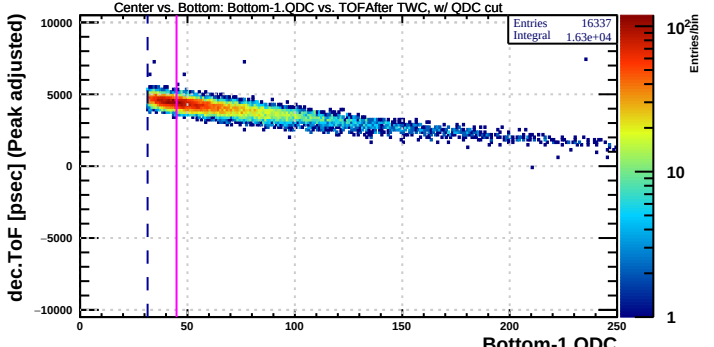

Center vs. Bottom: Center-2.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 27780
Integral 2.759e+04
dec.ToF [psec] (Peak adjusted)
Center-2.QDC
Entries/bin

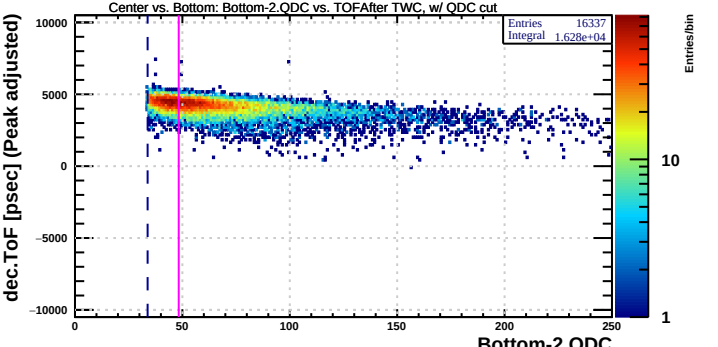

Center vs. Bottom: Bottom-1.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 27780
Integral 2.764e+04
dec.ToF [psec] (Peak adjusted)
Bottom-1.QDC
Entries/bin

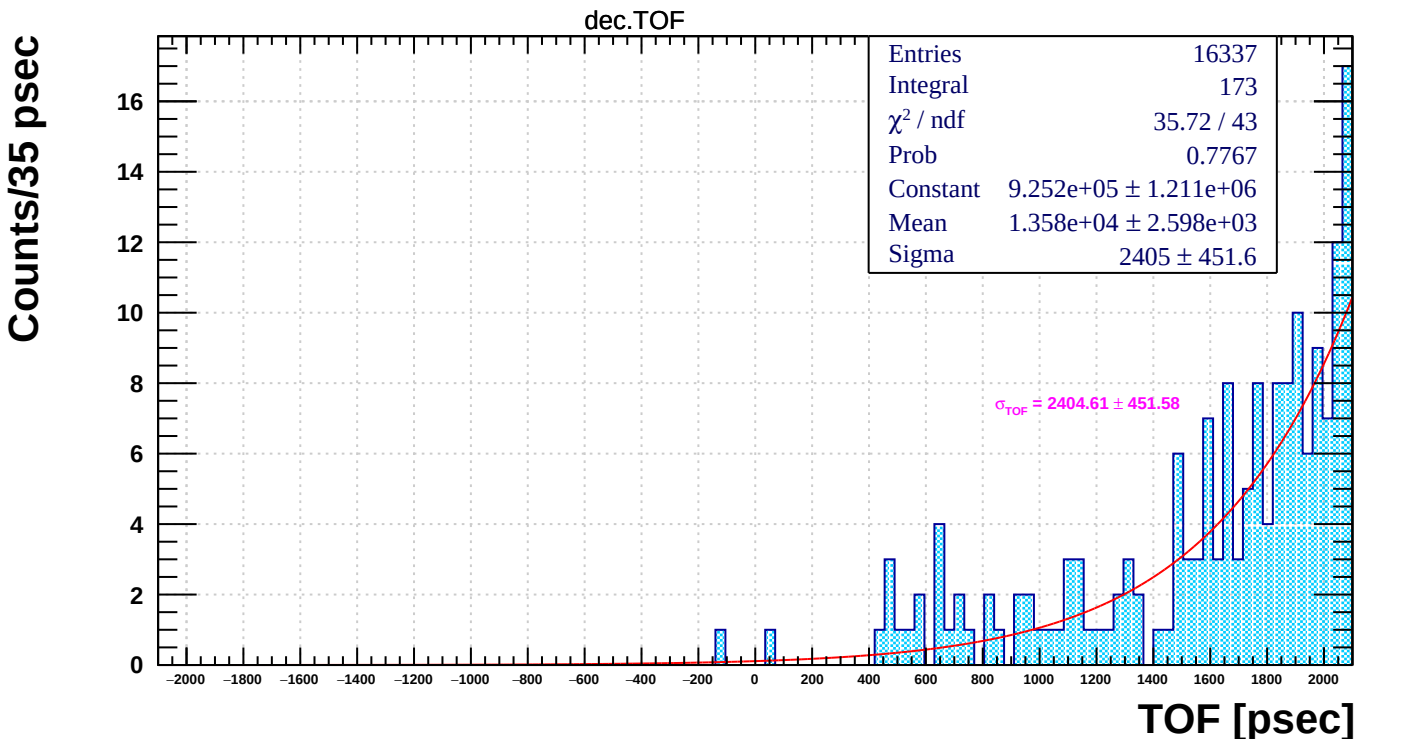

Center vs. Bottom: Bottom-2.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 27780
Integral 2.761e+04
dec.ToF [psec] (Peak adjusted)
Bottom-2.QDC
Entries/bin

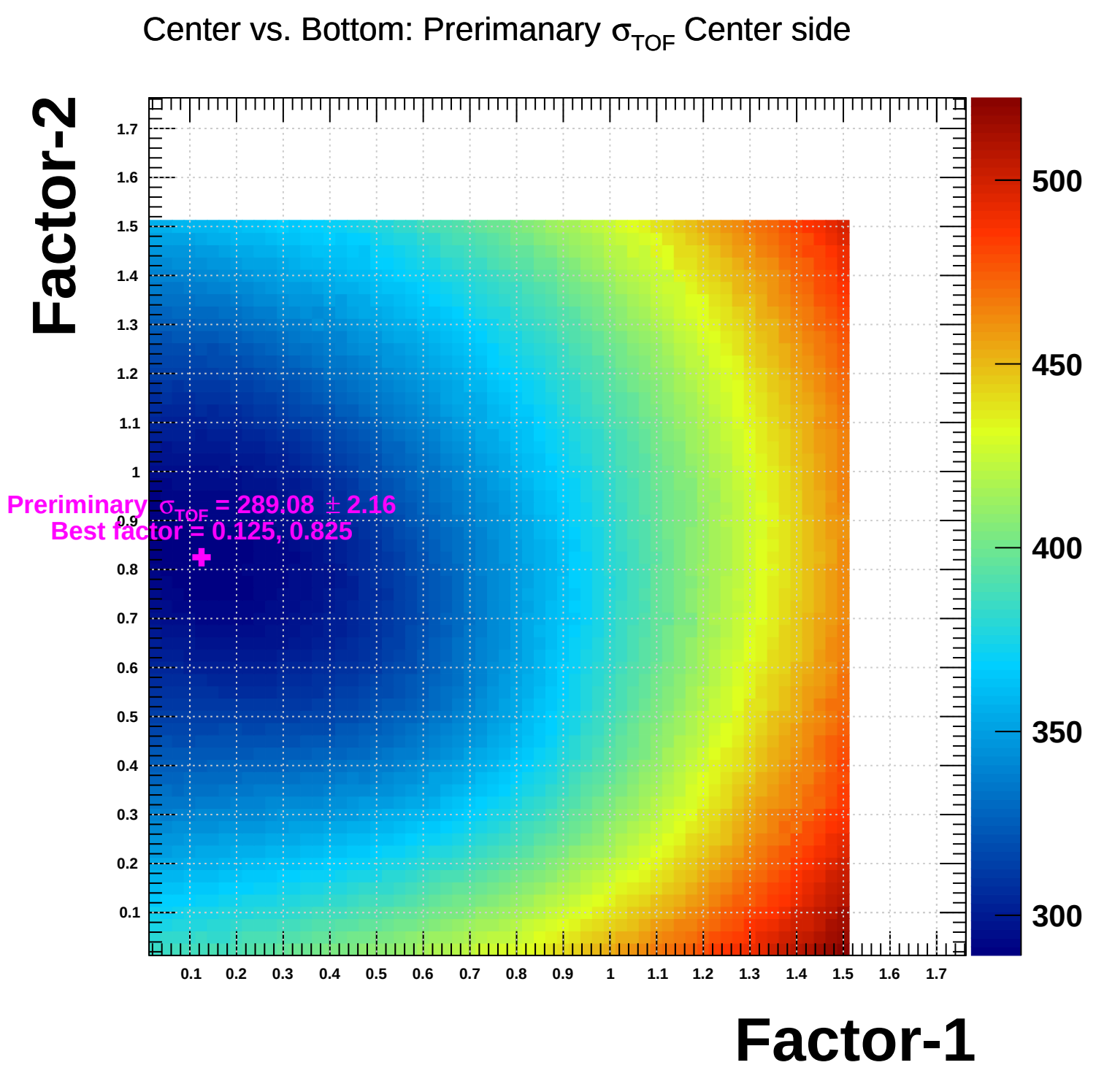

Center vs. Bottom: Center-1.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 16337
Integral 1.631e+04
dec.ToF [psec] (Peak adjusted)
Center-1.QDC
Entries/bin

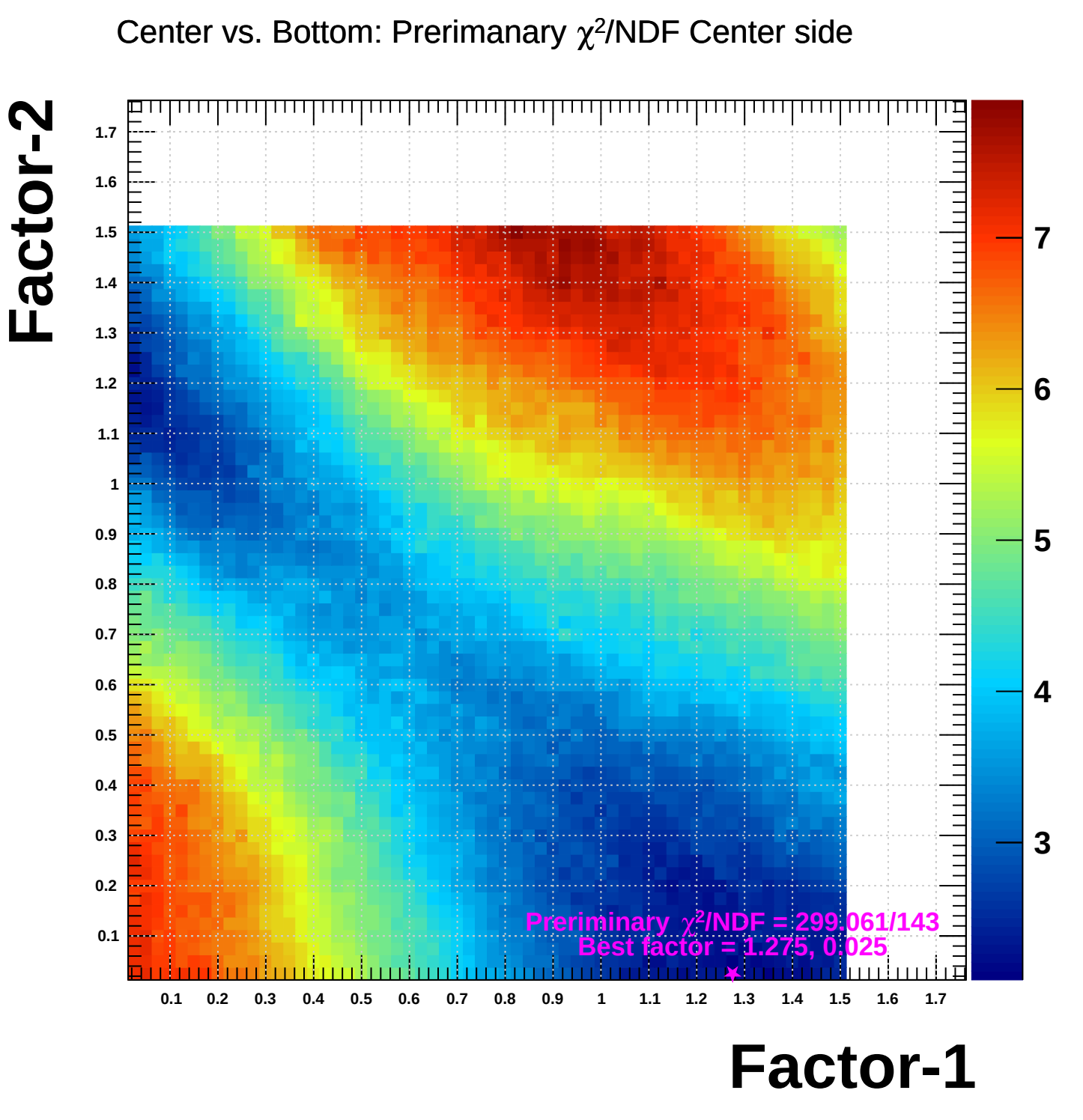

Center vs. Bottom: Center-2.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 16337
Integral 1.626e+04
dec.ToF [psec] (Peak adjusted)
Center-2.QDC
Entries/bin

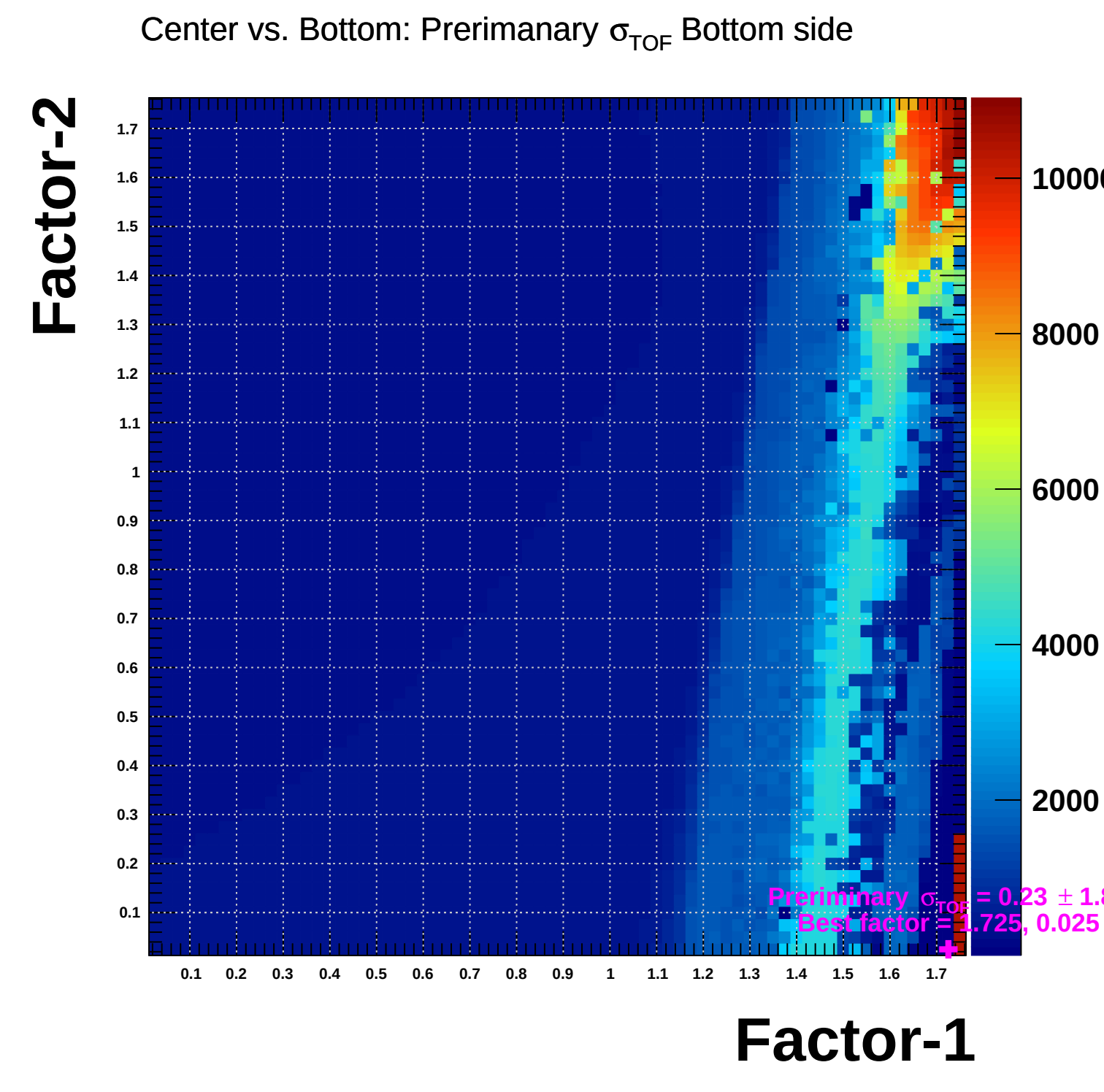

Center vs. Bottom: Bottom-1.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 16337
Integral 1.63e+04
dec.ToF [psec] (Peak adjusted)
Bottom-1.QDC
Entries/bin

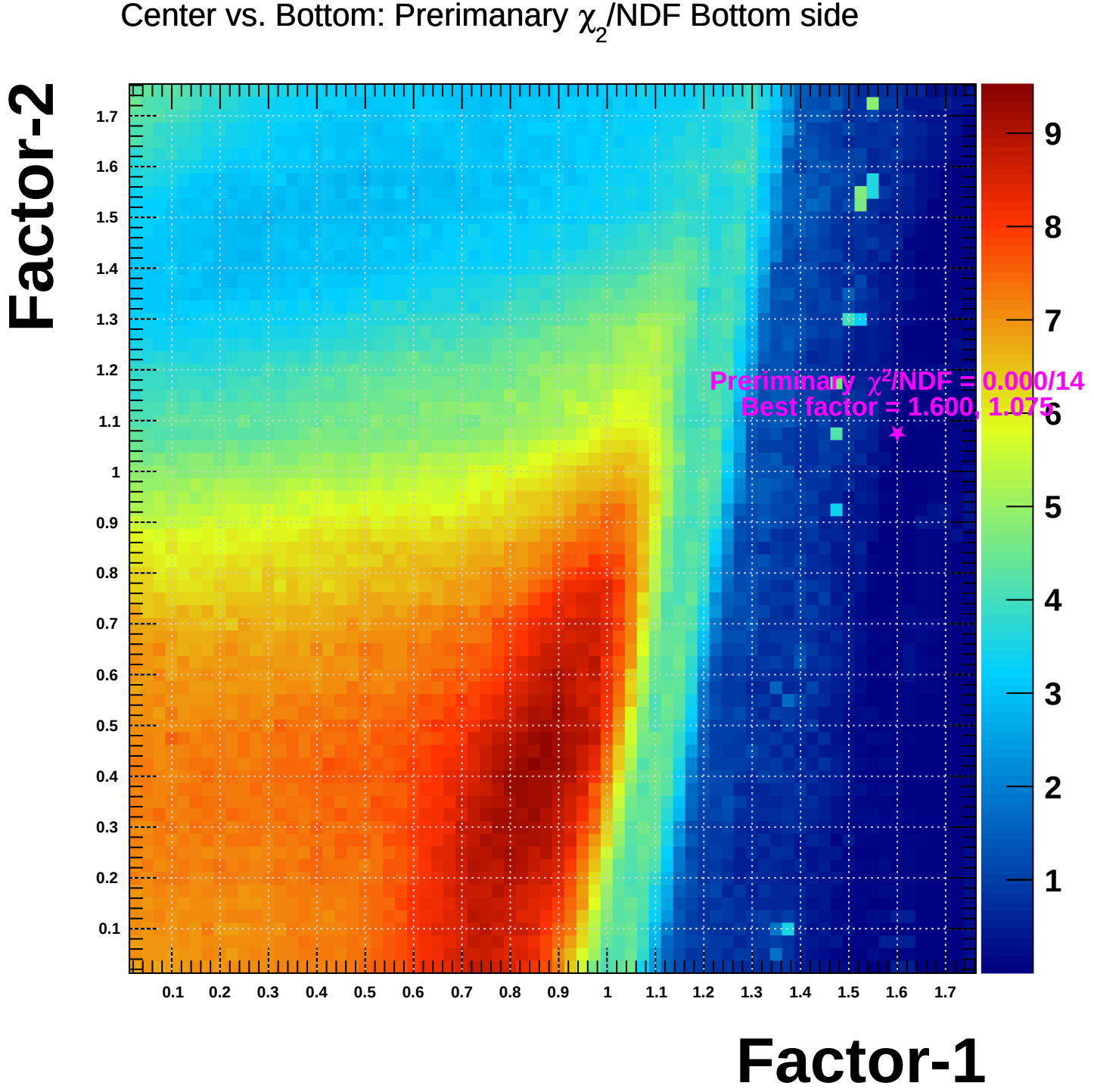

Center vs. Bottom: Bottom-2.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 16337
Integral 1.628e+04
dec.ToF [psec] (Peak adjusted)
Bottom-2.QDC
Entries/bin


dec.TOF
Entries 16337
Integral 173
χ² / ndf 35.72 / 43
Prob 0.7767
Constant 9.252e+05 ± 1.211e+06
Mean 1.358e+04 ± 2.598e+03
Sigma 2405 ± 451.6
σTOF = 2404.61 ± 451.58
Counts/35 psec
TOF [psec]
0 2 4 6 8 10 12 14 16
−2000 −1800 −1600 −1400 −1200 −1000 −800 −600 −400 −200 0 200 400 600 800 1000 1200 1400 1600 1800 2000


Center vs. Bottom: Prerimanary σTOF Center side
Factor-2
Factor-1
Preriminary σTOF = 289.08 ± 2.16
Best factor = 0.125, 0.825
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
300
350
400
450
500


Center vs. Bottom: Preriminary χ^2/NDF Center side
Factor-2
Factor-1
Preriminary χ^2/NDF = 299.061/143
Best factor = 1.275, 0.025
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


Center vs. Bottom: Prerimanary σ_{TOF} Bottom side
Factor-2
Factor-1
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
10000
8000
6000
4000
2000
Preriminary σ_{TOF} = 0.23 ± 1.8
Best factor = 1.725, 0.025


Center vs. Bottom: Preriminary χ_2/NDF Bottom side
Factor-2
Factor-1
Preriminary χ^2/NDF = 0.000/14
Best factor = 1.600, 1.075
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
1
2
3
4
5
6
7
8
9