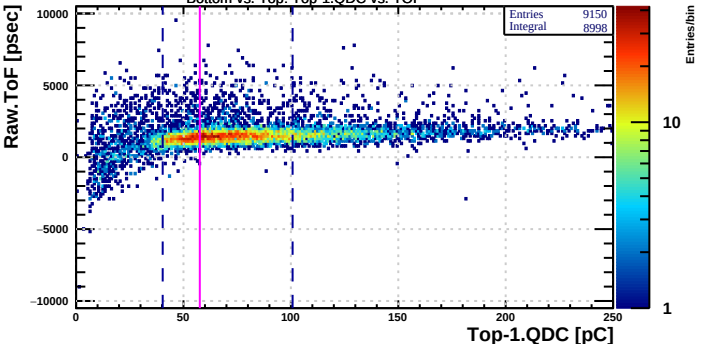
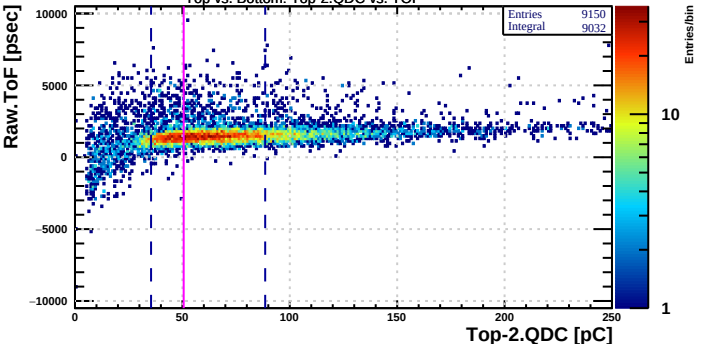
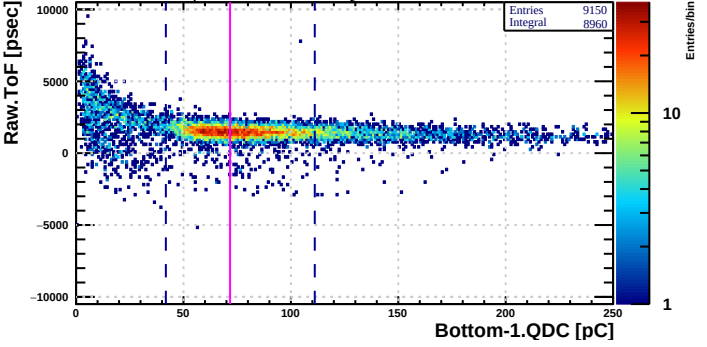
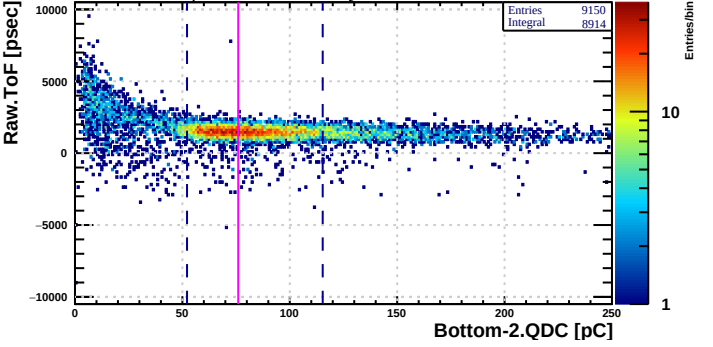
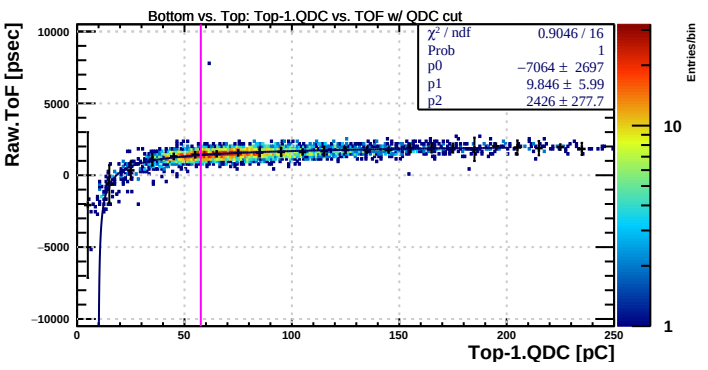
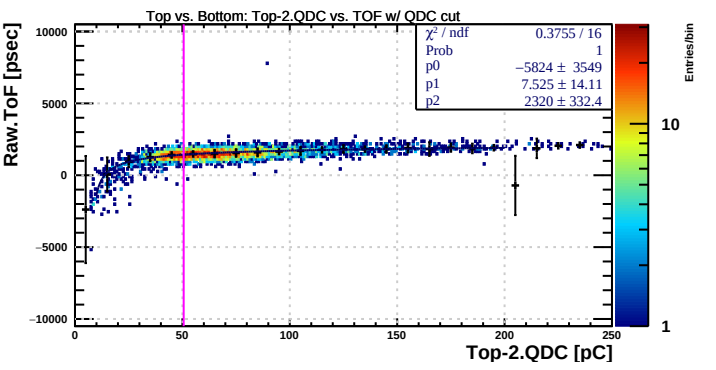

Bottom vs. Top: Top-1.QDC vs. TOF
Entries 9150
Integral 8998
Raw.ToF [psec]
Top-1.QDC [pC]
Entries/bin

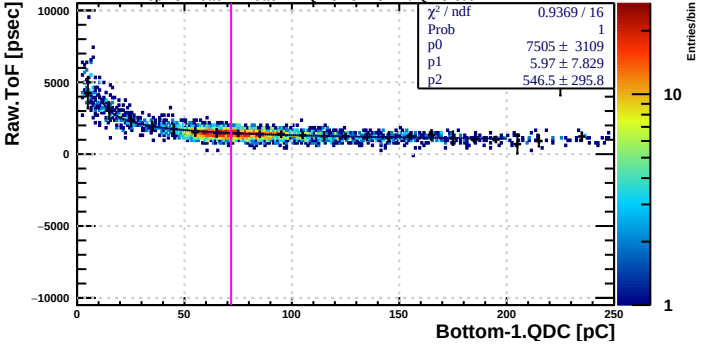

Top vs. Bottom: Top-2.QDC vs. TOF
Entries 9150
Integral 9032
Raw.ToF [psec]
Top-2.QDC [pC]
Entries/bin

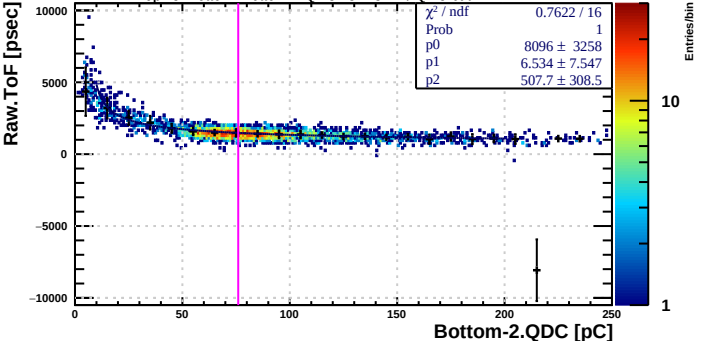

Top vs. Bottom: Bottom-1.QDC vs. TOF
Entries 9150
Integral 8960
Raw.ToF [psec]
Bottom-1.QDC [pC]
Entries/bin

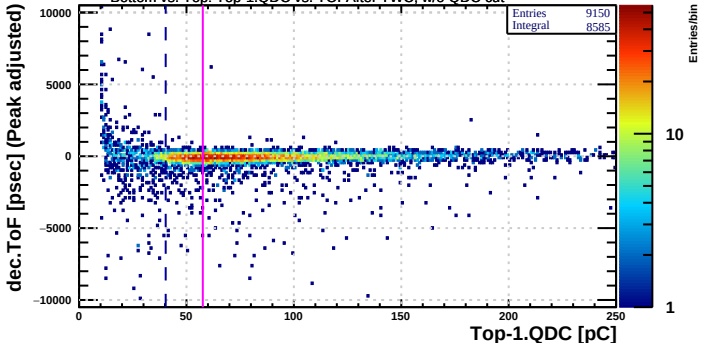

Top vs. Bottom: Bottom-2.QDC vs. TOF
Entries 9150
Integral 8914
Raw.ToF [psec]
Bottom-2.QDC [pC]
Entries/bin

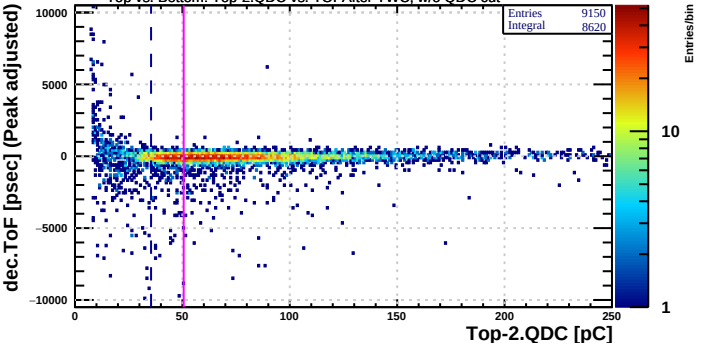

Bottom vs. Top: Top-1.QDC vs. TOF w/ QDC cut
χ² / ndf 0.9046 / 16
Prob 1
p0 −7064 ± 2697
p1 9.846 ± 5.99
p2 2426 ± 277.7
Raw.ToF [psec]
Top-1.QDC [pC]
Entries/bin

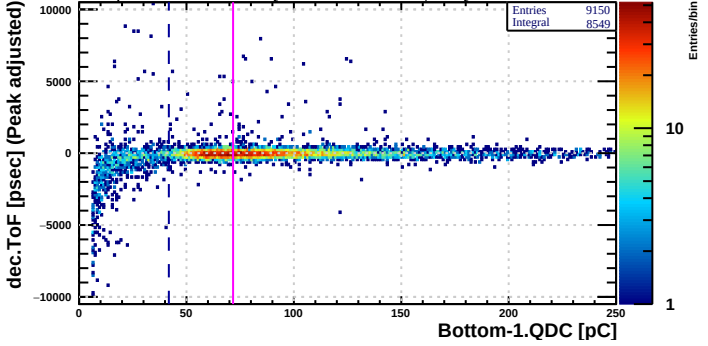

Top vs. Bottom: Top-2.QDC vs. TOF w/ QDC cut
χ² / ndf 0.3755 / 16
Prob 1
p0 −5824 ± 3549
p1 7.525 ± 14.11
p2 2320 ± 332.4
Raw.ToF [psec]
Top-2.QDC [pC]
Entries/bin

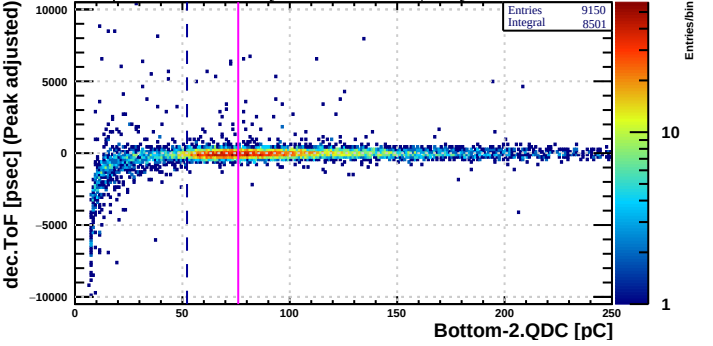

Top vs. Bottom: Bottom-1.QDC vs. TOF w/ QDC cut
χ² / ndf 0.9369 / 16
Prob 1
p0 7505 ± 3109
p1 5.97 ± 7.829
p2 546.5 ± 295.8
Raw.ToF [psec]
Bottom-1.QDC [pC]
Entries/bin

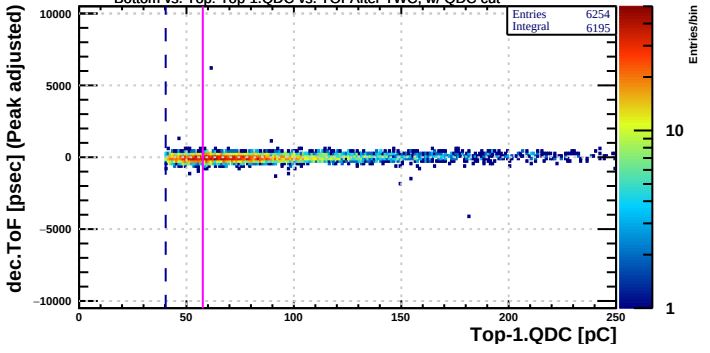

Top vs. Bottom: Bottom-2.QDC vs. TOF w/ QDC cut
χ² / ndf 0.7622 / 16
Prob 1
p0 8096 ± 3258
p1 6.534 ± 7.547
p2 507.7 ± 308.5
Raw.ToF [psec]
Bottom-2.QDC [pC]
Entries/bin

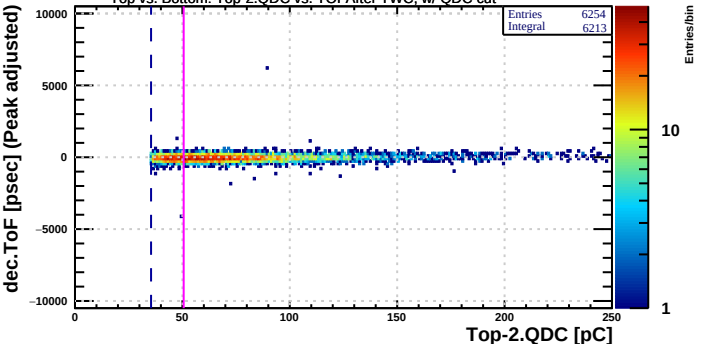

Bottom vs. Top: Top-1.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 9150
Integral 8585
dec.ToF [psec] (Peak adjusted)
Top-1.QDC [pC]
Entries/bin

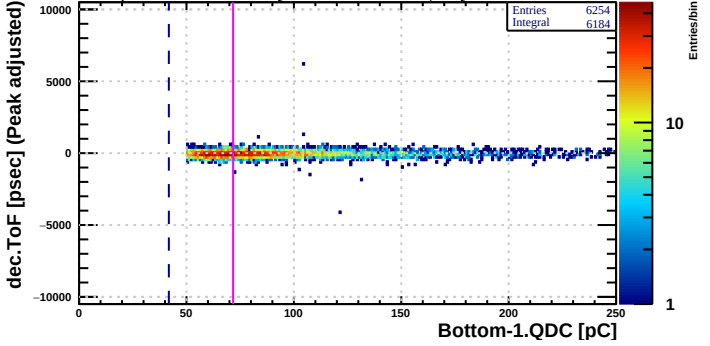

Top vs. Bottom: Top-2.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 9150
Integral 8620
dec.ToF [psec] (Peak adjusted)
Top-2.QDC [pC]
Entries/bin

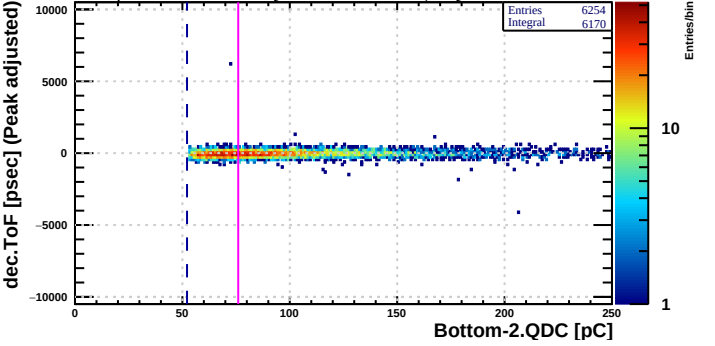

Top vs. Bottom: Bottom-1.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 9150
Integral 8549
dec.ToF [psec] (Peak adjusted)
Bottom-1.QDC [pC]
Entries/bin

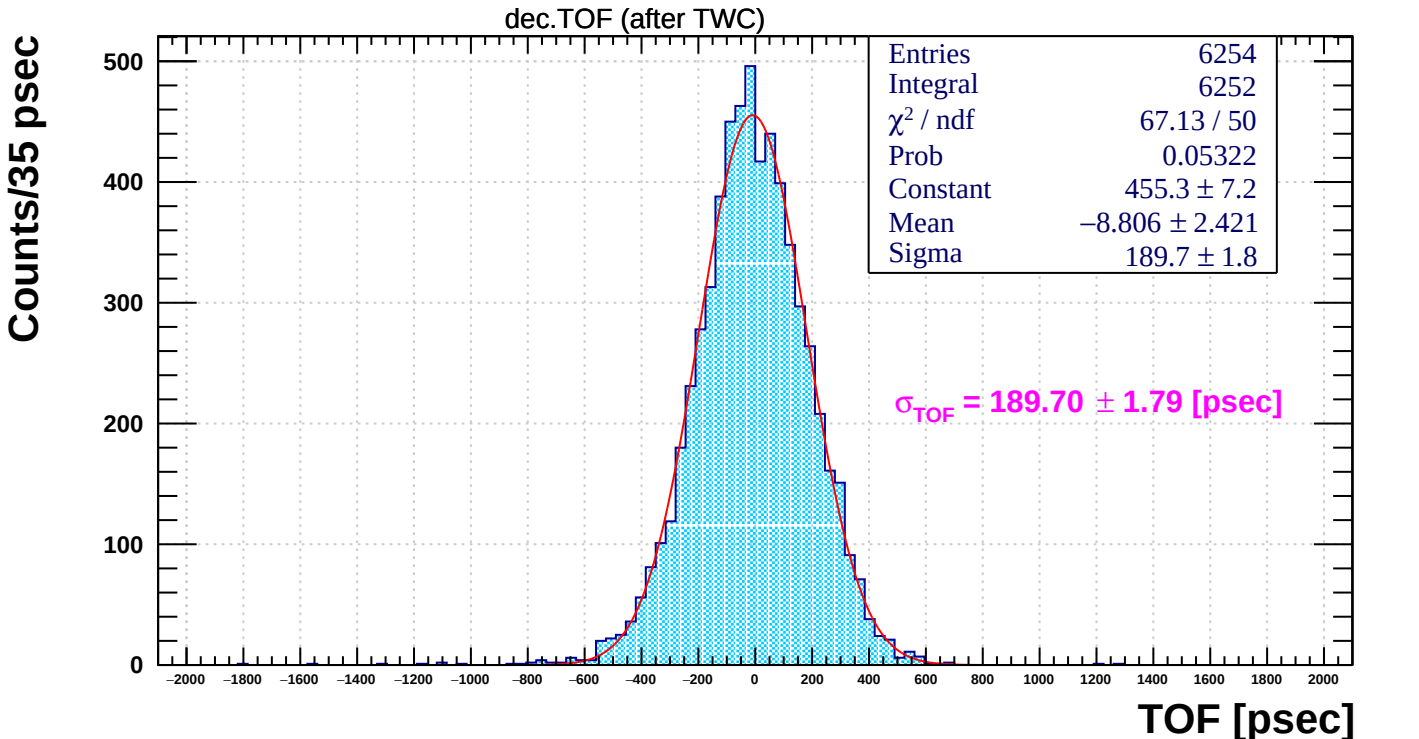

Top vs. Bottom: Bottom-2.QDC vs. TOFAfter TWC, w/o QDC cut
Entries 9150
Integral 8501
dec.ToF [psec] (Peak adjusted)
Bottom-2.QDC [pC]
Entries/bin

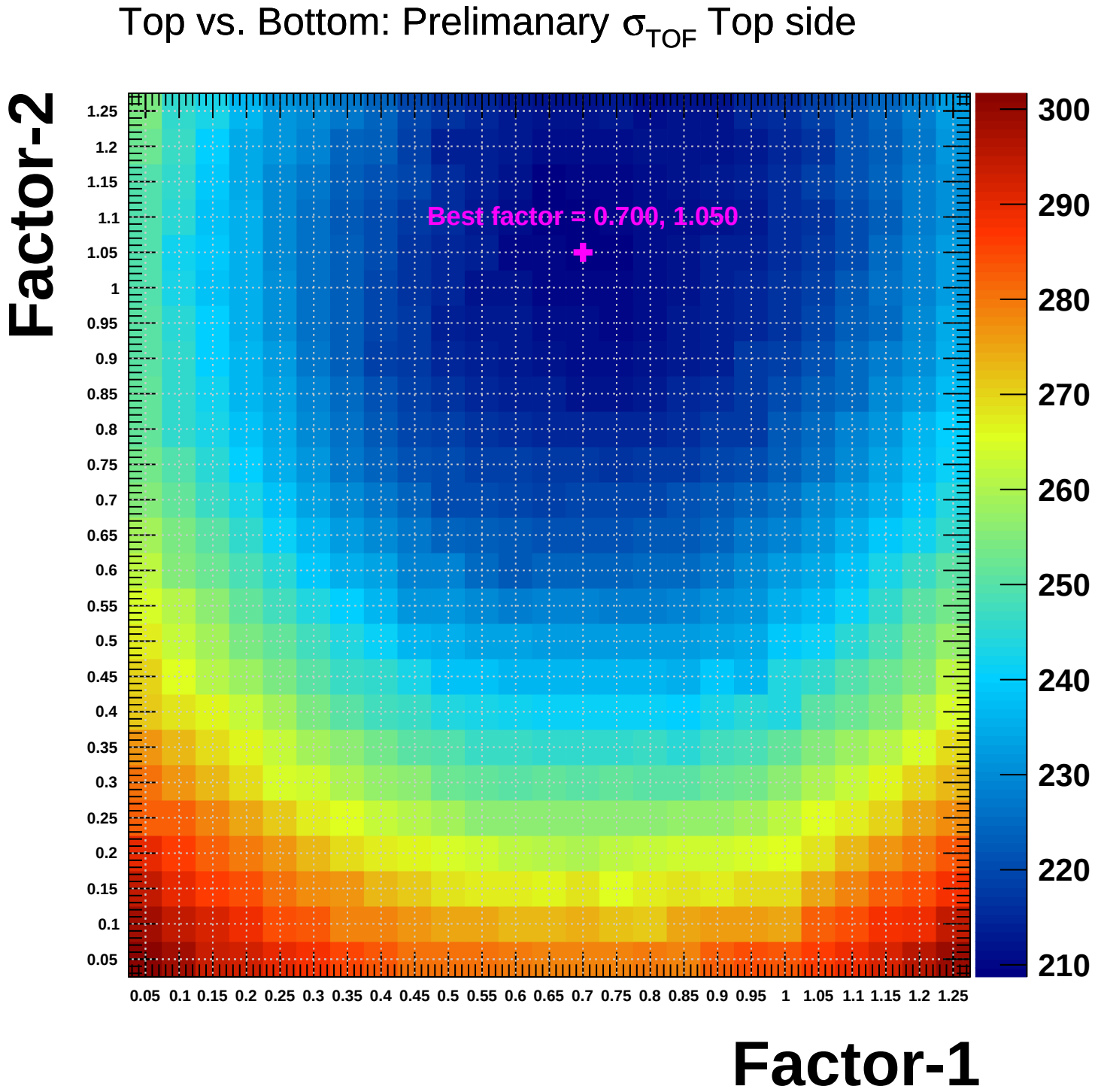

Bottom vs. Top: Top-1.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 6254
Integral 6195
dec.ToF [psec] (Peak adjusted)
Top-1.QDC [pC]
Entries/bin

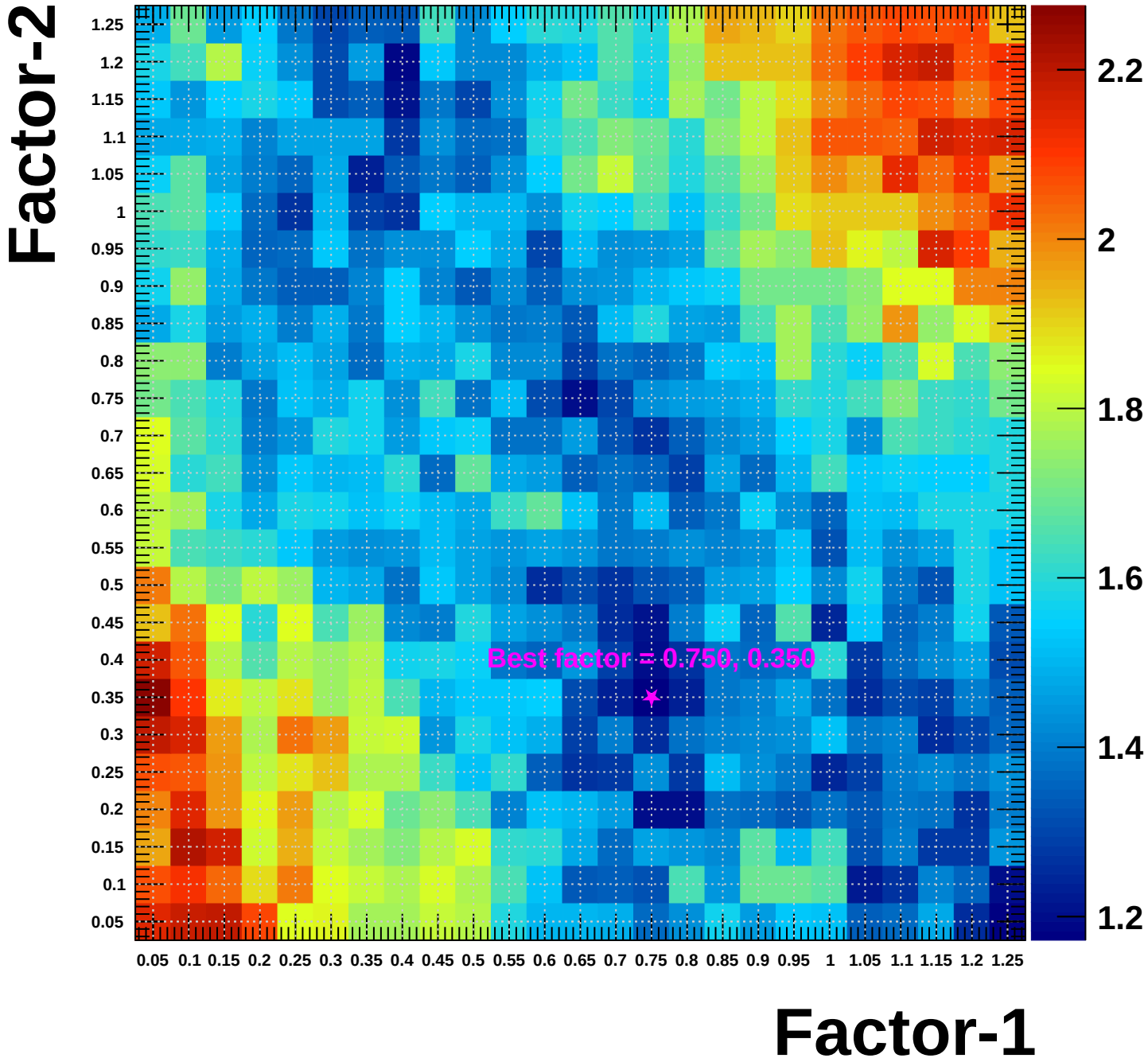

Top vs. Bottom: Top-2.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 6254
Integral 6213
dec.ToF [psec] (Peak adjusted)
Top-2.QDC [pC]
Entries/bin

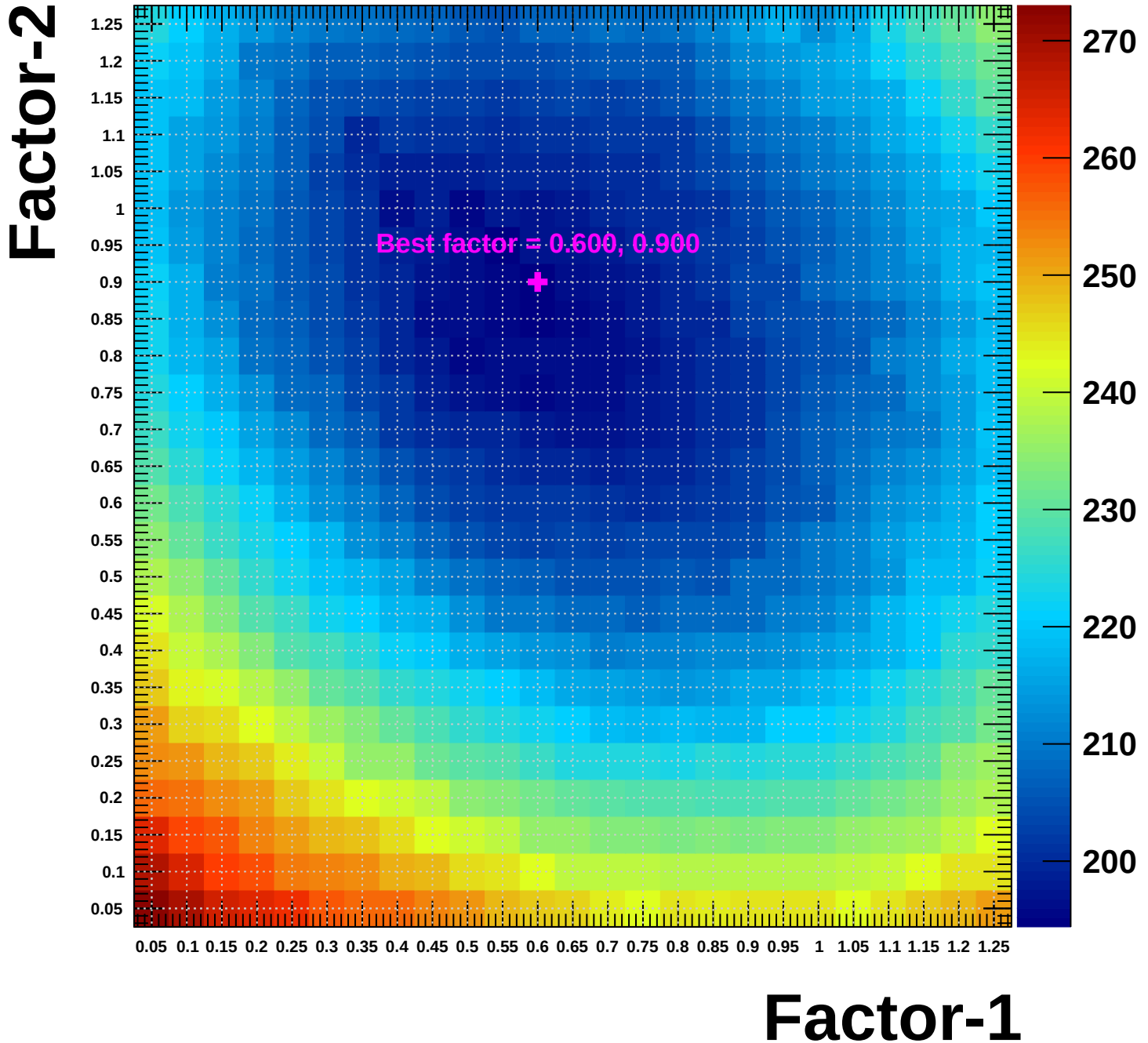

Top vs. Bottom: Bottom-1.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 6254
Integral 6184
dec.ToF [psec] (Peak adjusted)
Bottom-1.QDC [pC]
Entries/bin

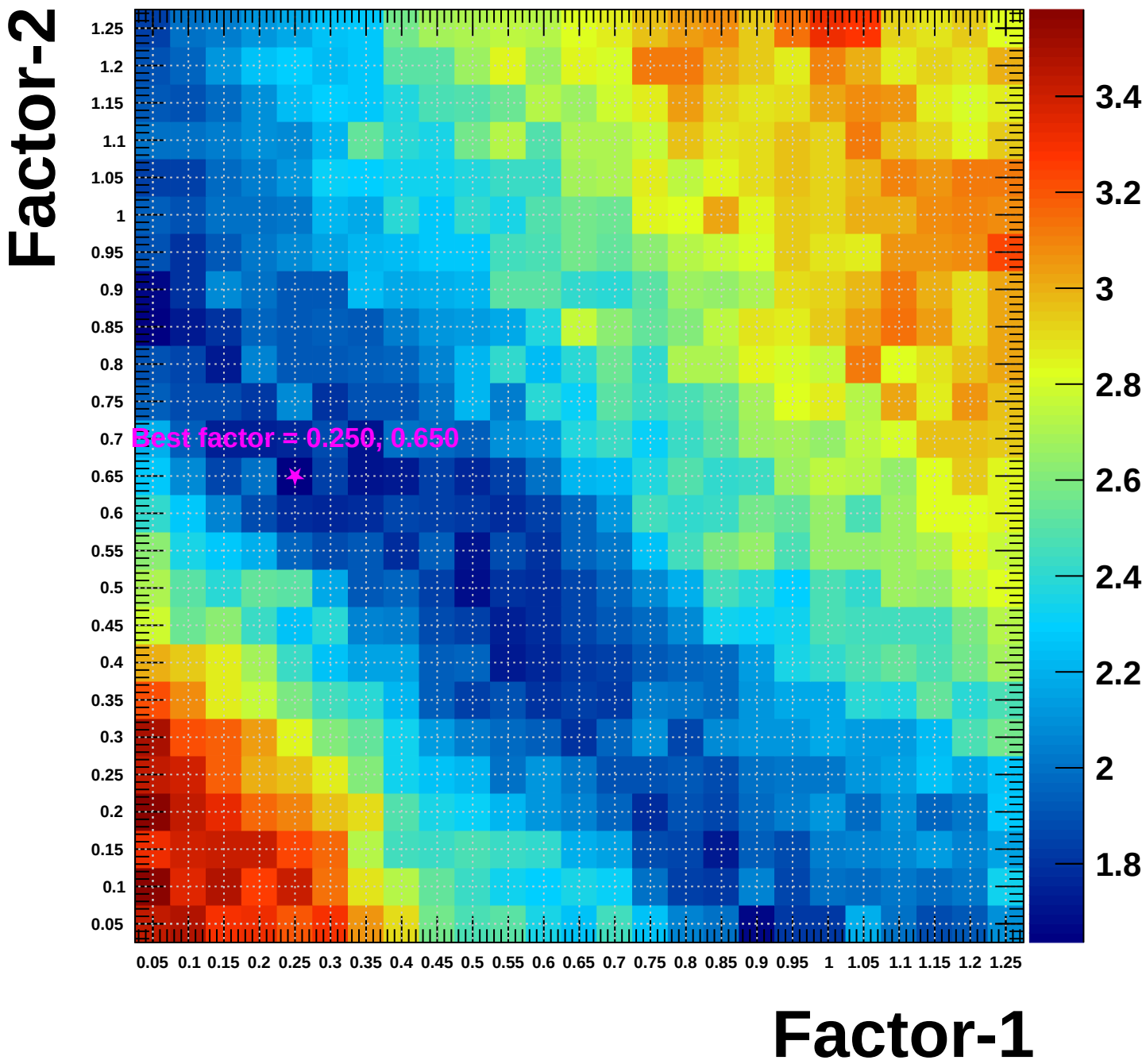

Top vs. Bottom: Bottom-2.QDC vs. TOFAfter TWC, w/ QDC cut
Entries 6254
Integral 6170
dec.ToF [psec] (Peak adjusted)
Bottom-2.QDC [pC]
Entries/bin


dec.TOF (after TWC)
Counts/35 psec
TOF [psec]
Entries 6254
Integral 6252
χ² / ndf 67.13 / 50
Prob 0.05322
Constant 455.3 ± 7.2
Mean −8.806 ± 2.421
Sigma 189.7 ± 1.8
σTOF = 189.70 ± 1.79 [psec]
0
100
200
300
400
500
−2000 −1800 −1600 −1400 −1200 −1000 −800 −600 −400 −200 0 200 400 600 800 1000 1200 1400 1600 1800 2000


Top vs. Bottom: Preliminary σ_{TOF} Top side
Factor-2
Factor-1
Best factor = 0.700, 1.050
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
300
290
280
270
260
250
240
230
220
210


Top vs. Bottom: Preliminary χ^2/NDF Top side
Factor-2
Factor-1
Best factor = 0.750, 0.350
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
2.2
2
1.8
1.6
1.4
1.2


Top vs. Bottom: Preliminary σ_{TOF} Bottom side
Factor-2
Factor-1
Best factor = 0.600, 0.900
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
270
260
250
240
230
220
210
200


Top vs. Bottom: Prelimanary σTOF Bottom side
Factor-2
Factor-1
Best factor = 0.250, 0.650
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
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8