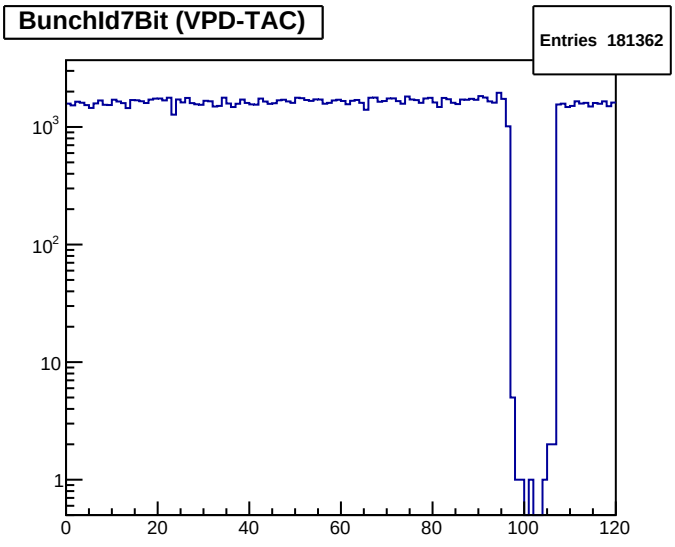
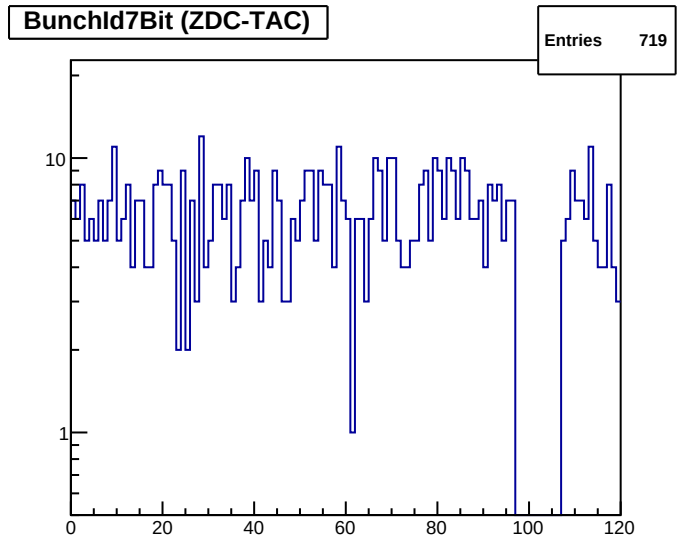
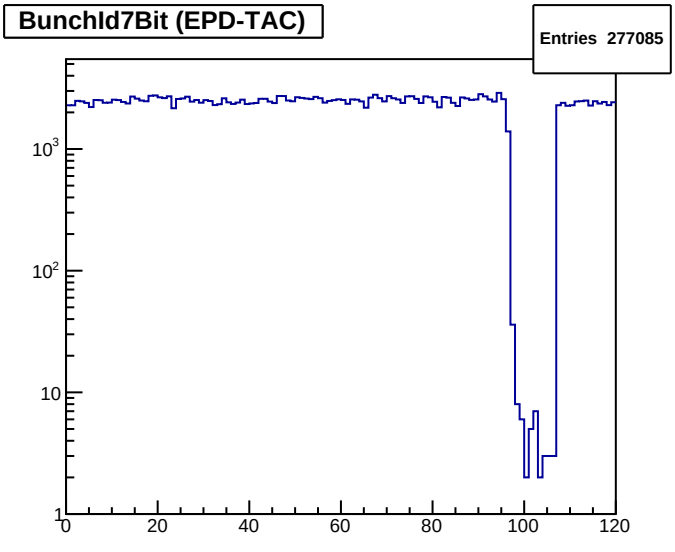
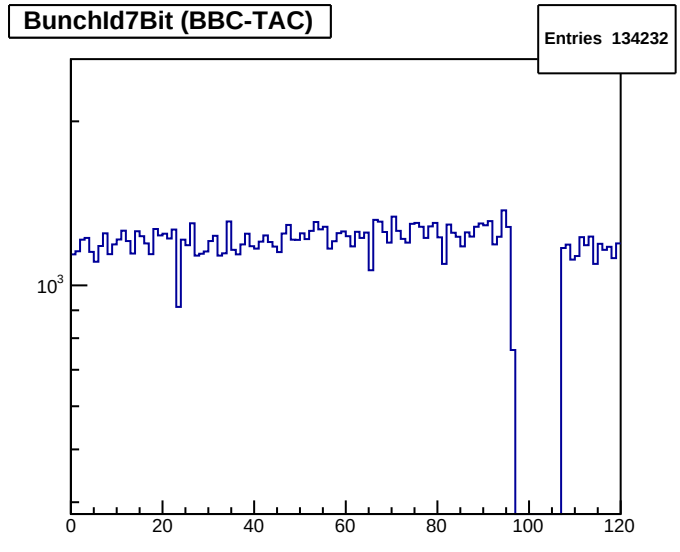
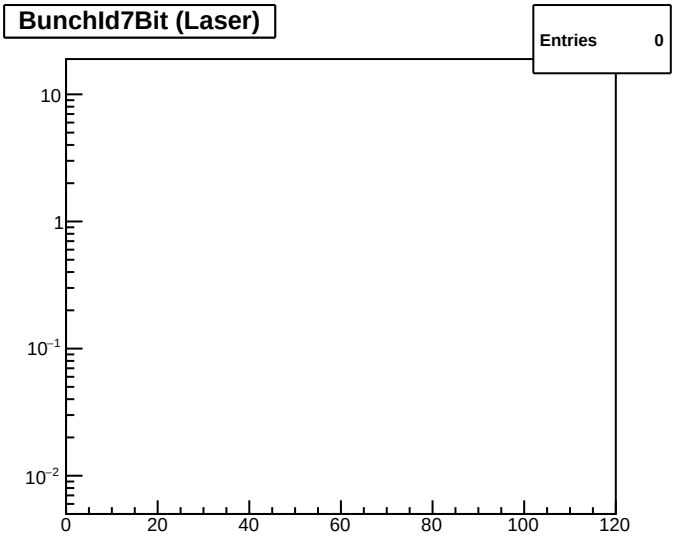
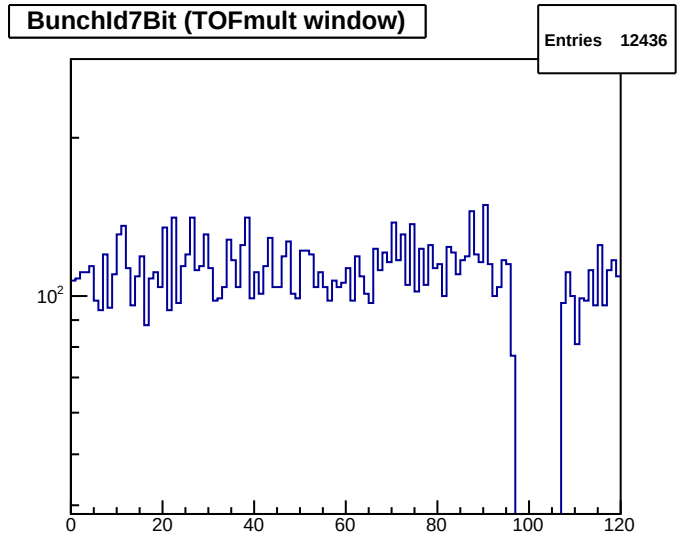

BunchId7Bit (VPD-TAC)
Entries 181362

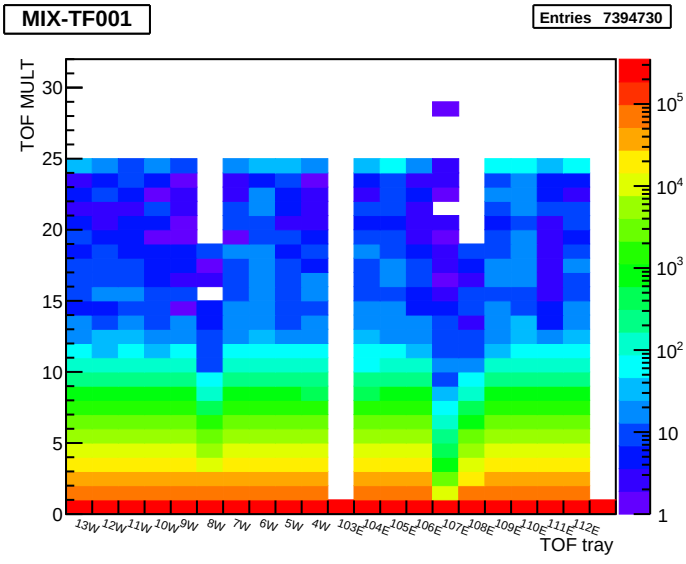

BunchId7Bit (ZDC-TAC)
Entries 719

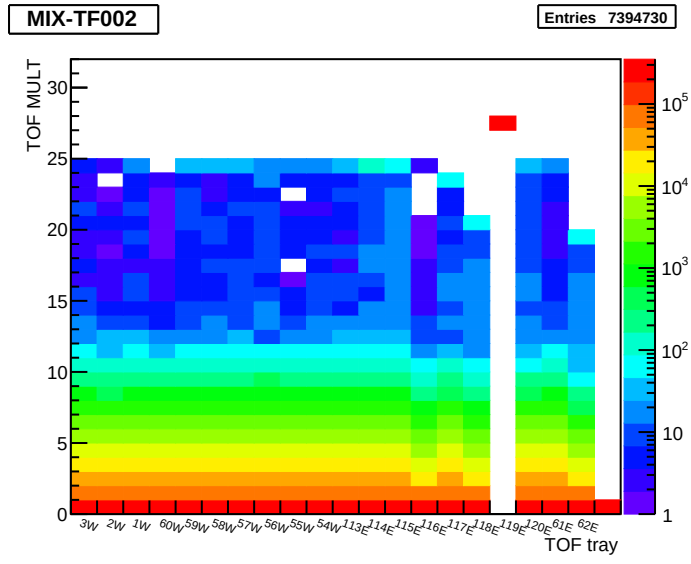

BunchId7Bit (EPD-TAC)
Entries 277085

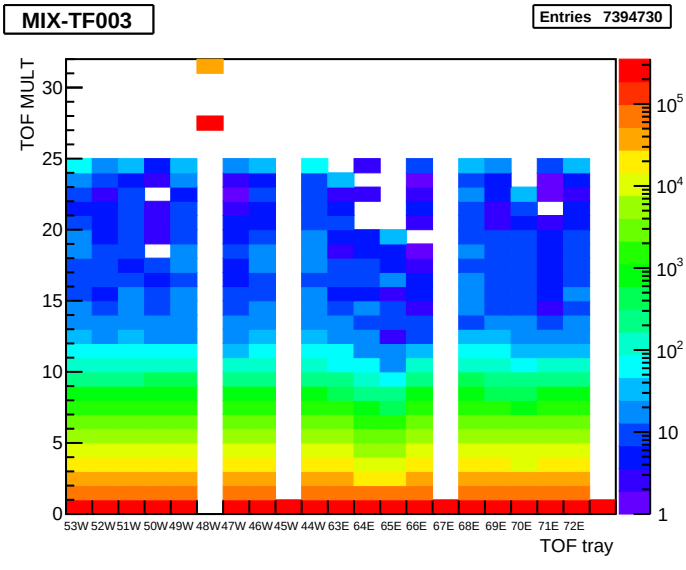

BunchId7Bit (BBC-TAC)
Entries 134232

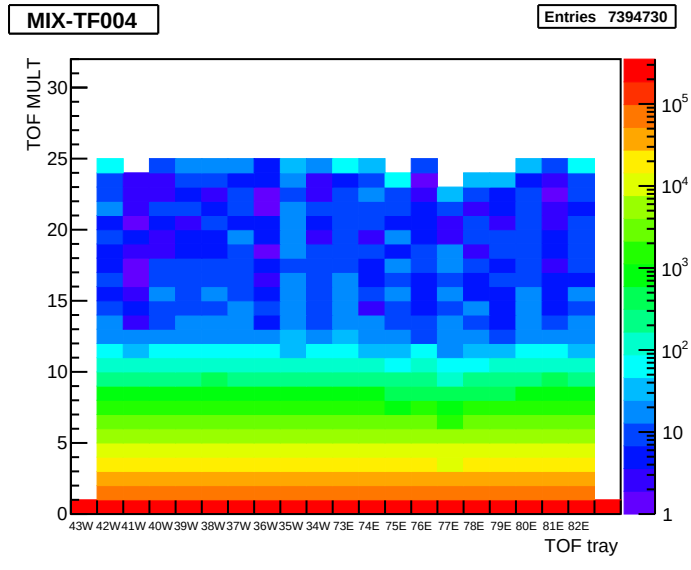

BunchId7Bit (Laser)
Entries 0

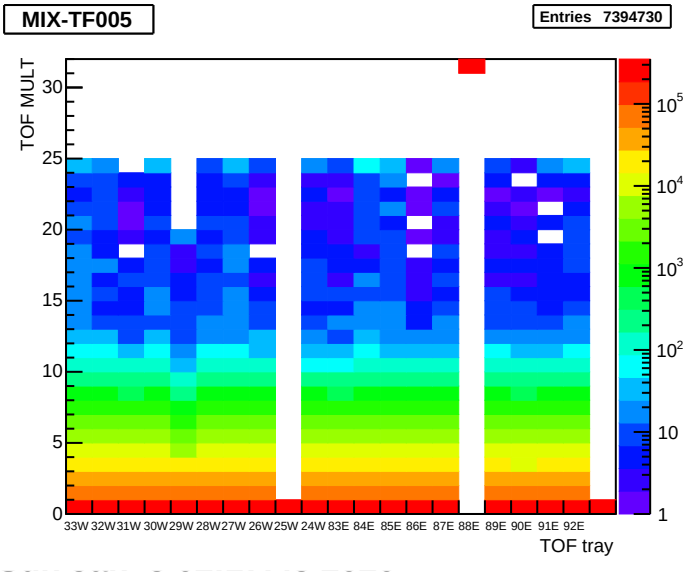

BunchId7Bit (TOFmult window)
Entries 12436

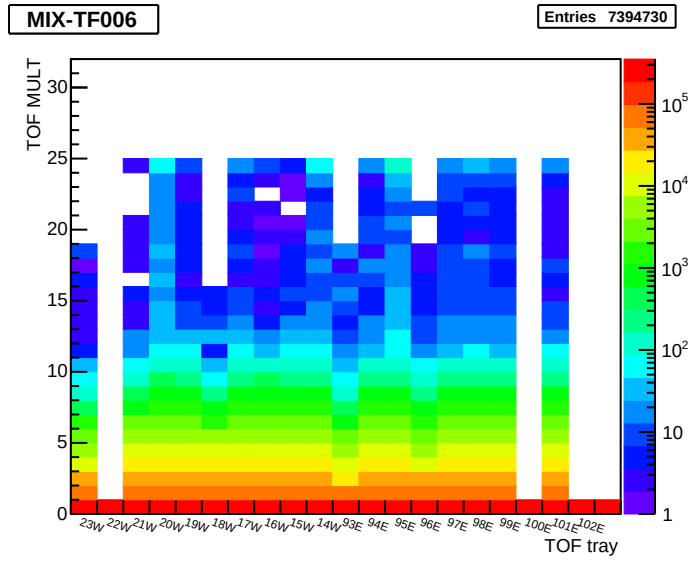

MIX-TF001
Entries 7394730
TOF MULT
TOF tray

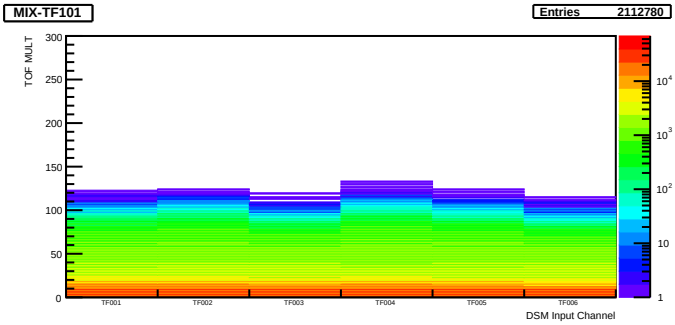

MIX-TF002
Entries 7394730
TOF MULT
TOF tray

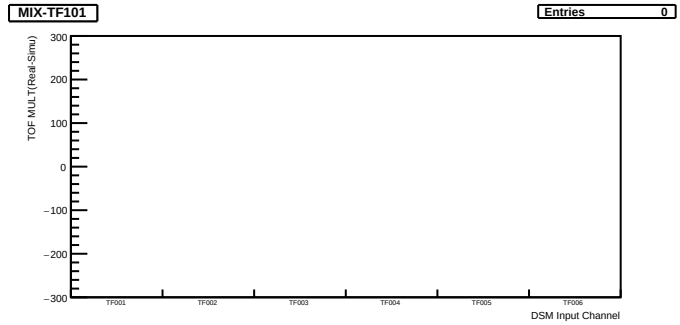

MIX-TF003
Entries 7394730
TOF MULT
TOF tray

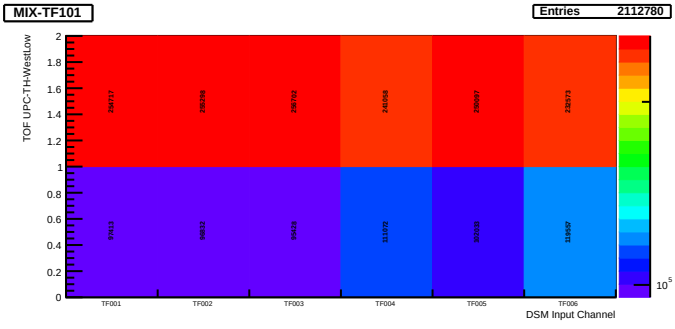

MIX-TF004
Entries 7394730
TOF MULT
TOF tray

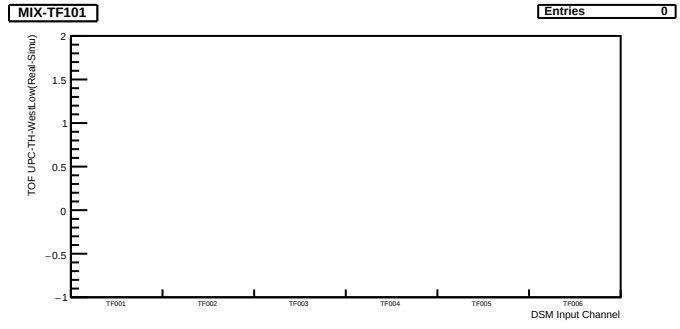

MIX-TF005
Entries 7394730
TOF MULT
TOF tray

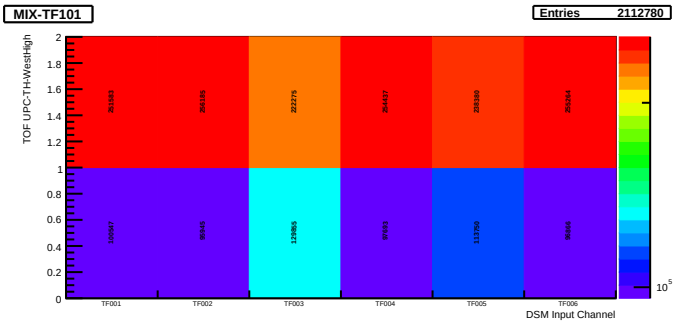

MIX-TF006
Entries 7394730
TOF MULT
TOF tray

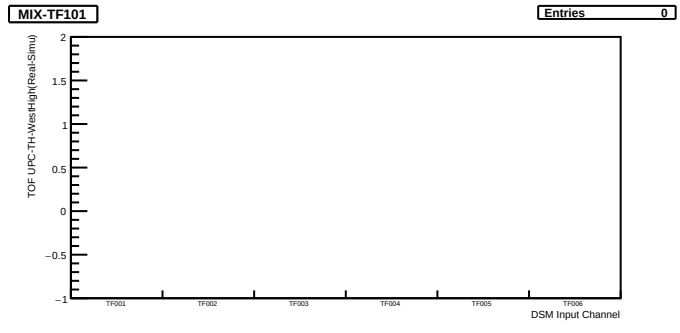

MIX-TF101
Entries 2112780
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

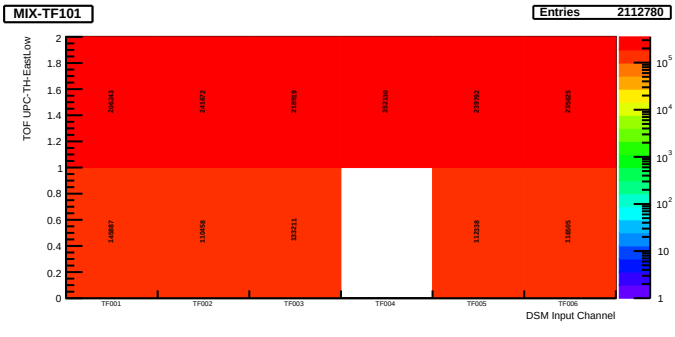

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

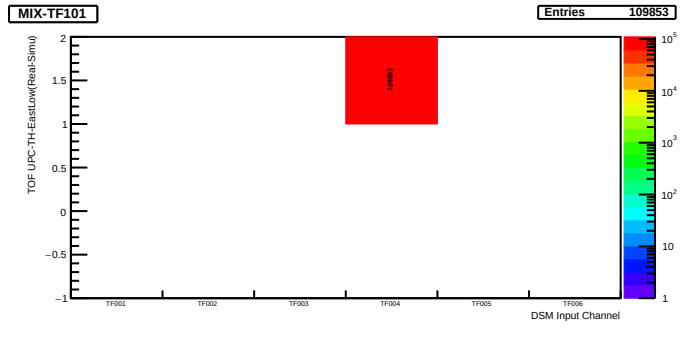

MIX-TF101
Entries 2112780
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

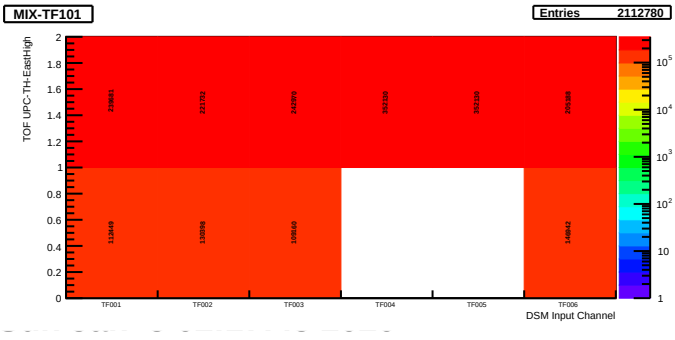

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

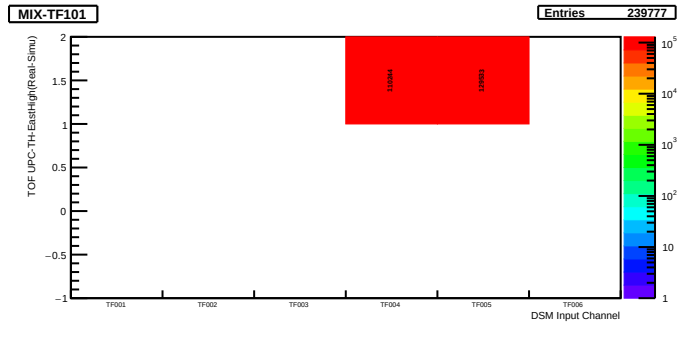

MIX-TF101
Entries 2112780
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

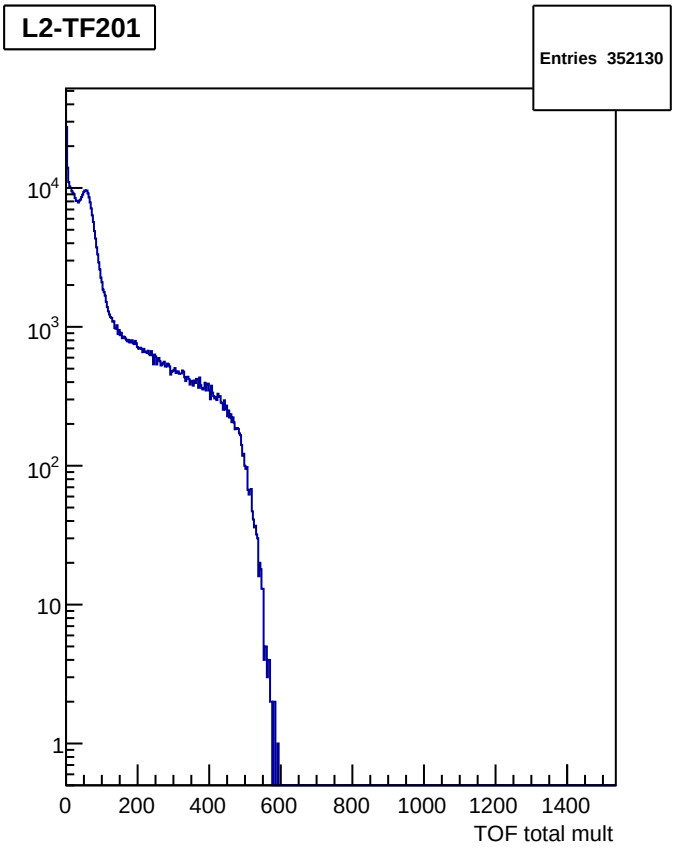

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

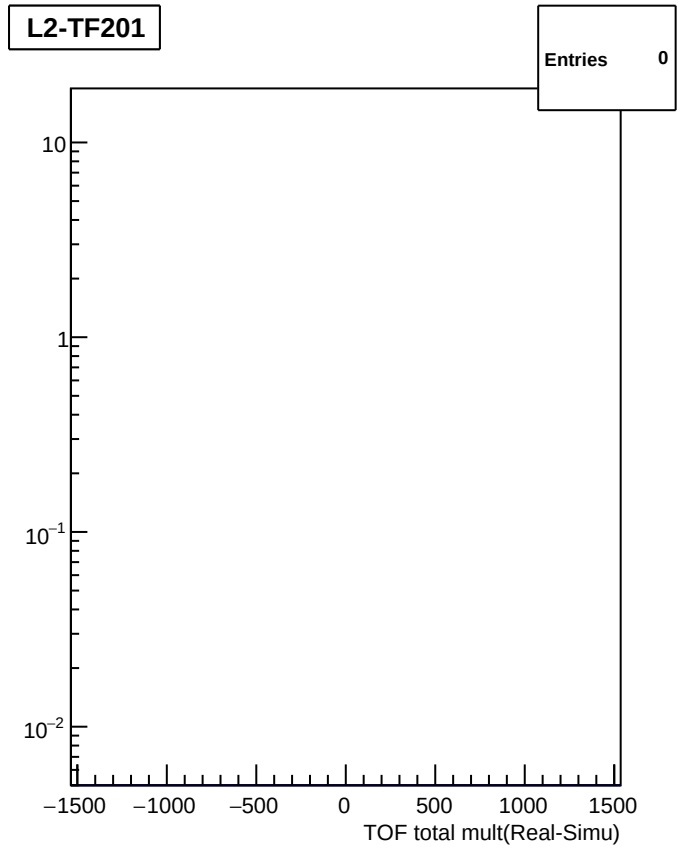

MIX-TF101
Entries 2112780
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

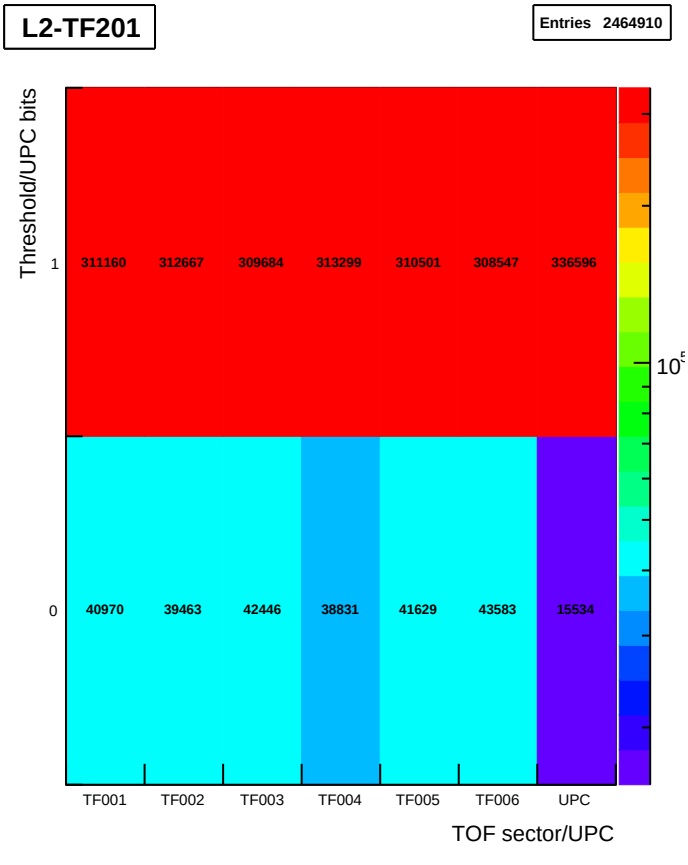

MIX-TF101
Entries 109853
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

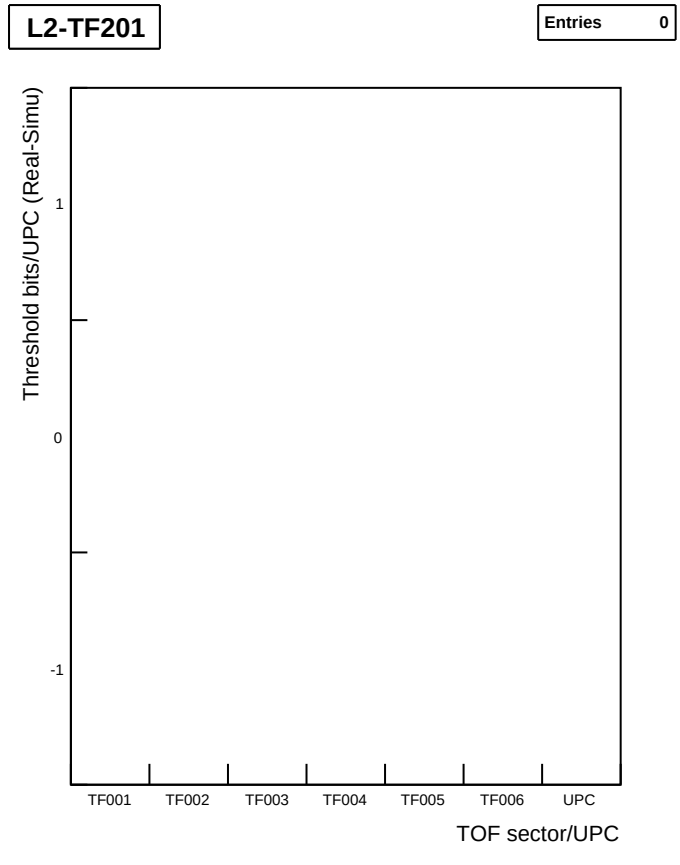

MIX-TF101
Entries 2112780
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

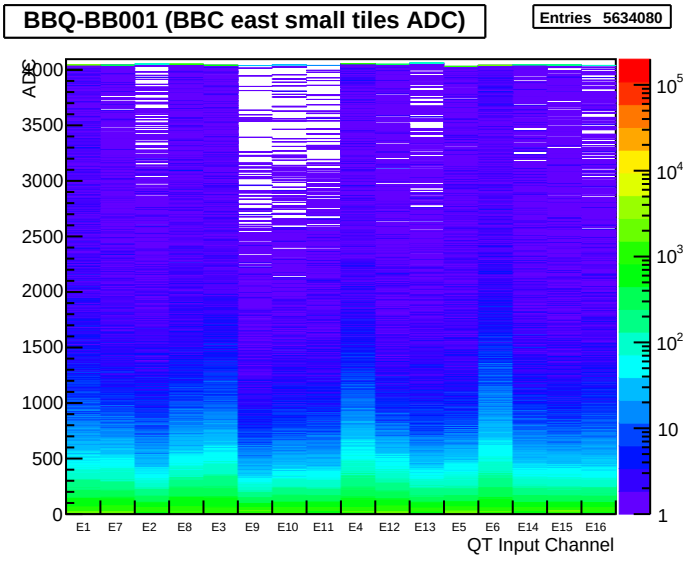

MIX-TF101
Entries 239777
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

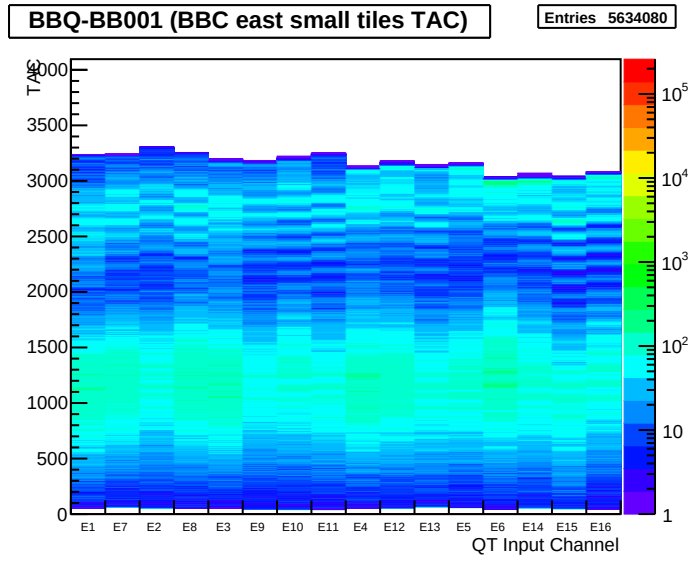

L2-TF201
Entries 352130
TOF total mult

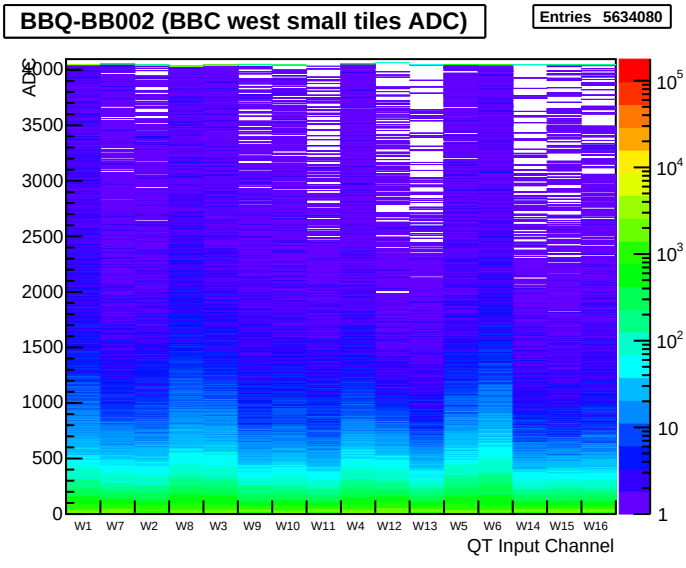

L2-TF201
Entries 0
TOF total mult(Real-Simu)

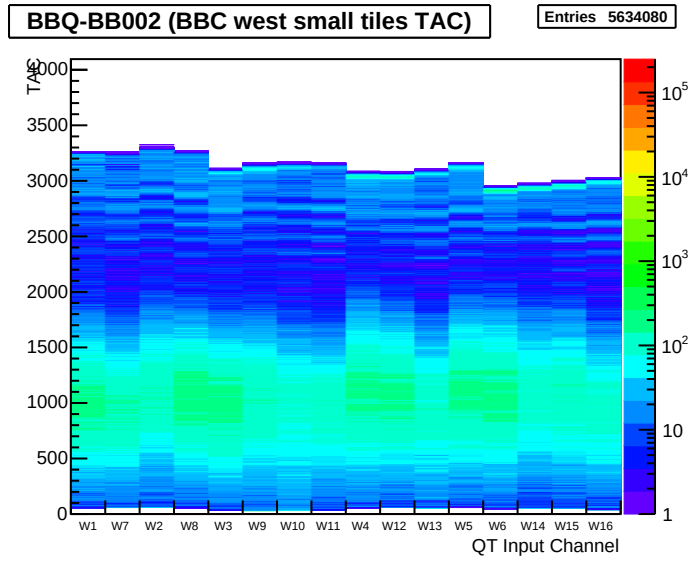

L2-TF201
Entries 2464910
Threshold/UPC bits
311160
312667
309684
313299
310501
308547
336596
40970
39463
42446
38831
41629
43583
15534
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

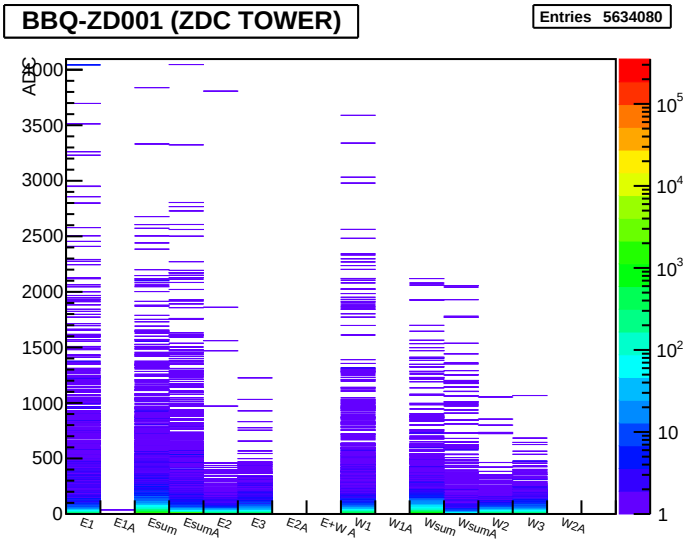

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

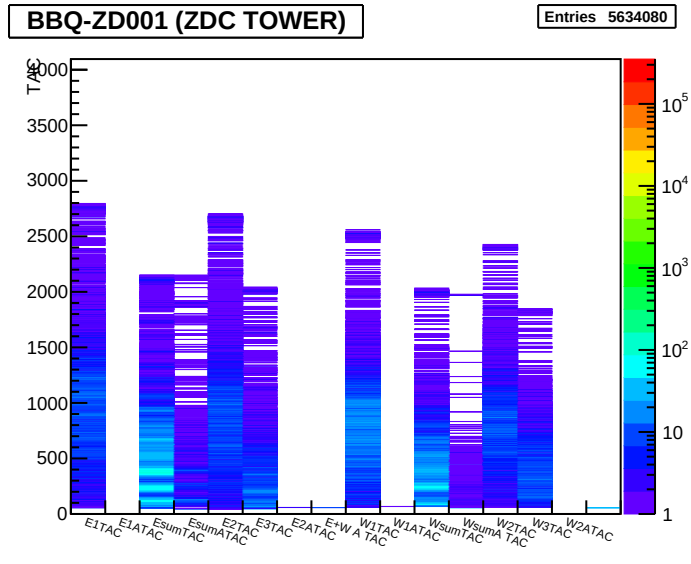

BBQ-BB001 (BBC east small tiles ADC)
Entries 5634080
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

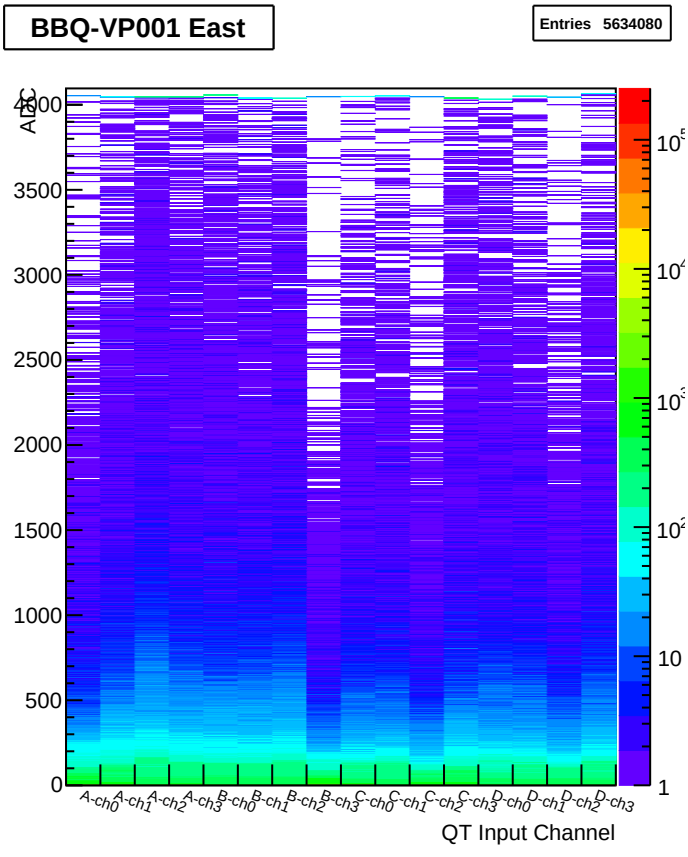

BBQ-BB001 (BBC east small tiles TAC)
Entries 5634080
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

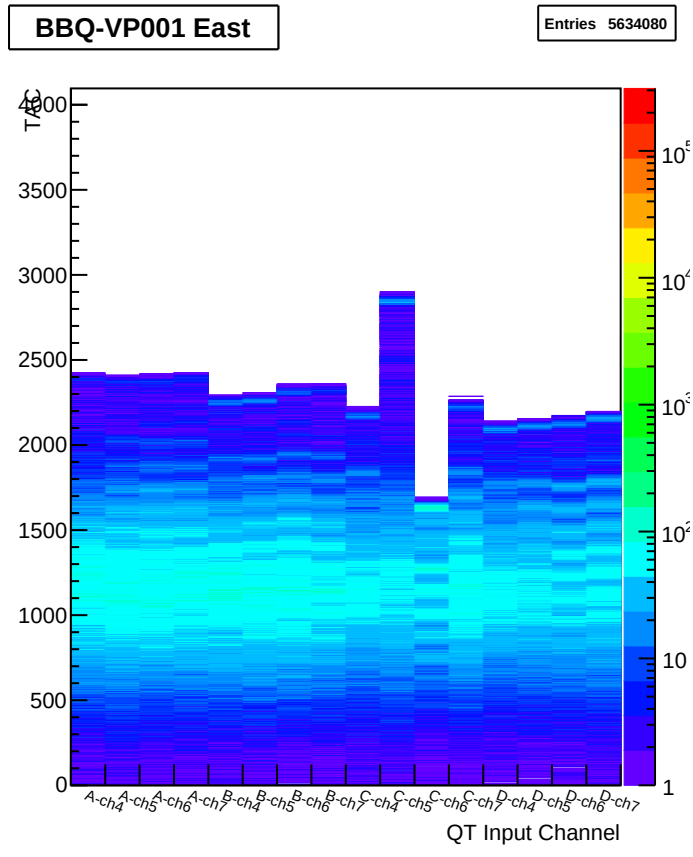

BBQ-BB002 (BBC west small tiles ADC)
Entries 5634080
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

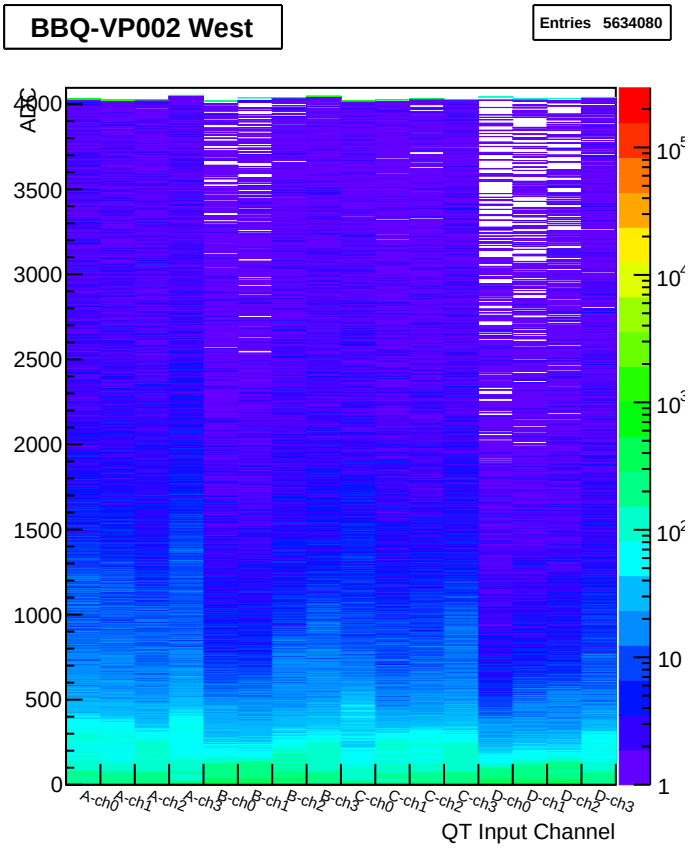

BBQ-BB002 (BBC west small tiles TAC)
Entries 5634080
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

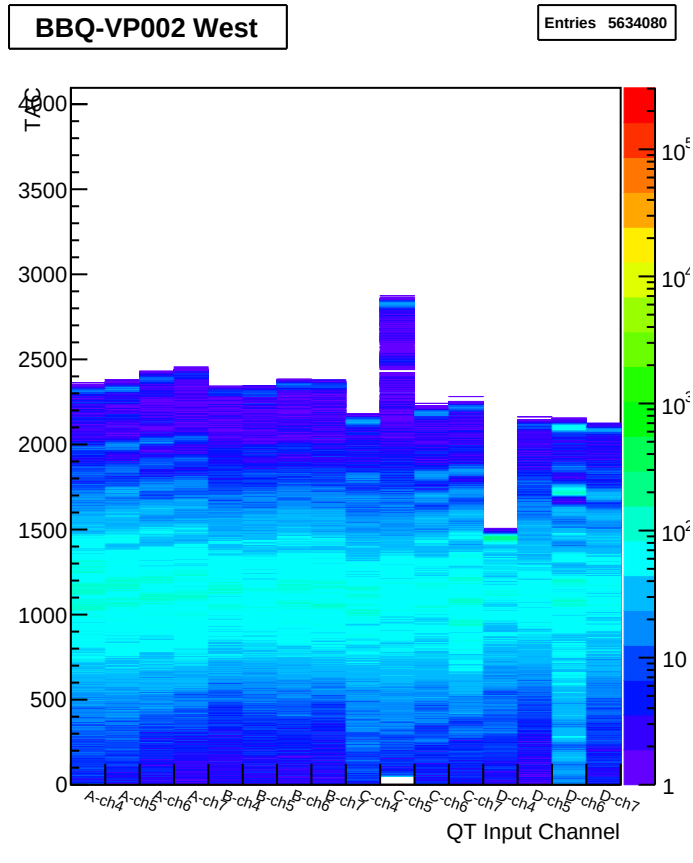

BBQ-ZD001 (ZDC TOWER)
Entries 5634080
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

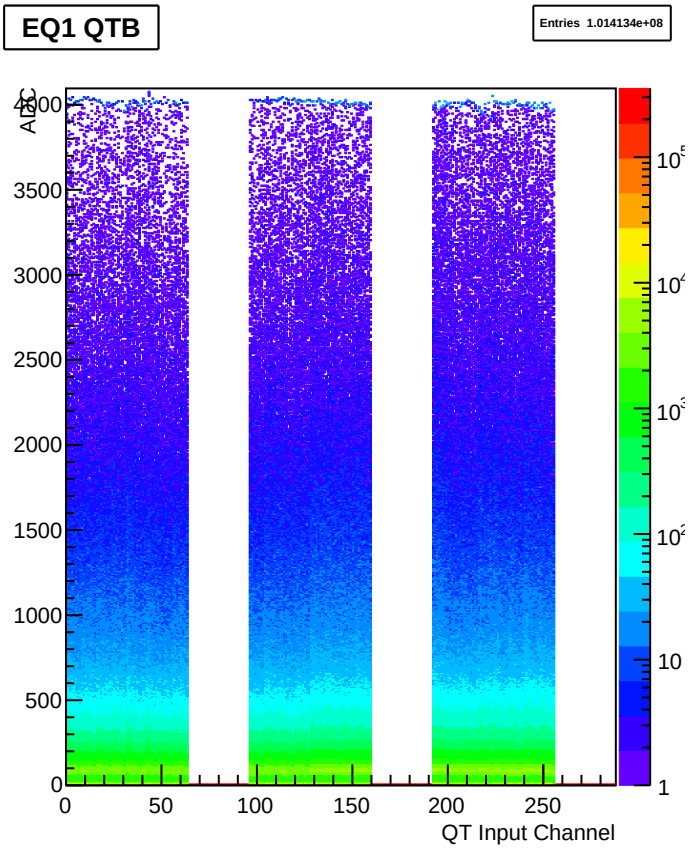

BBQ-ZD001 (ZDC TOWER)
Entries 5634080
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

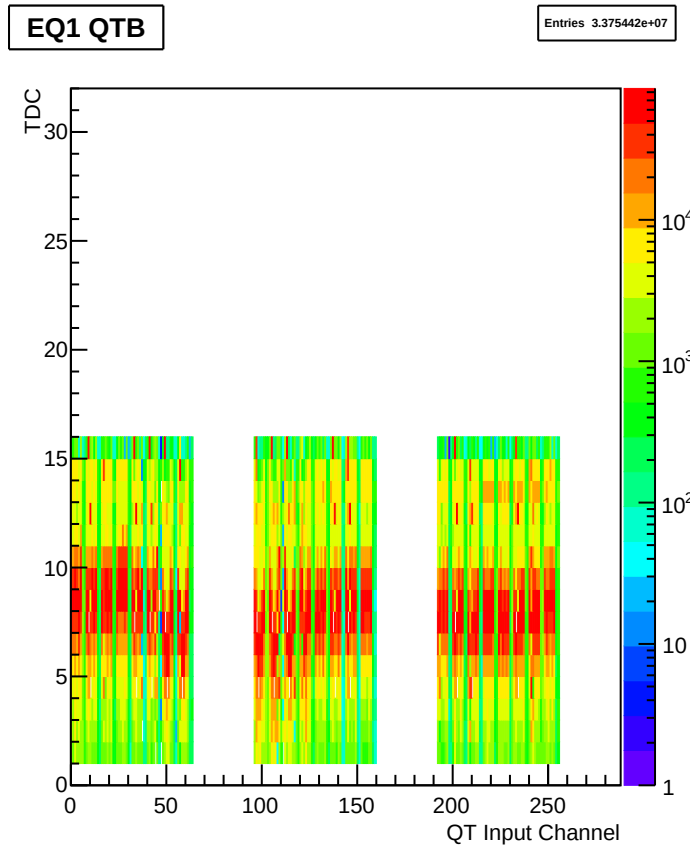

BBQ-VP001 East
Entries 5634080
ADC
QT Input Channel

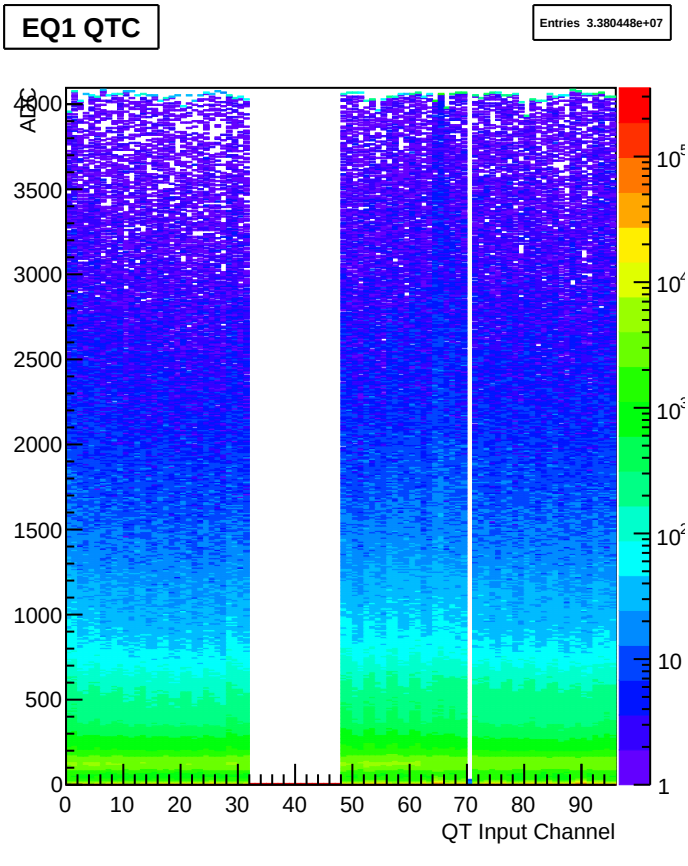

BBQ-VP001 East
Entries 5634080
TADC
QT Input Channel

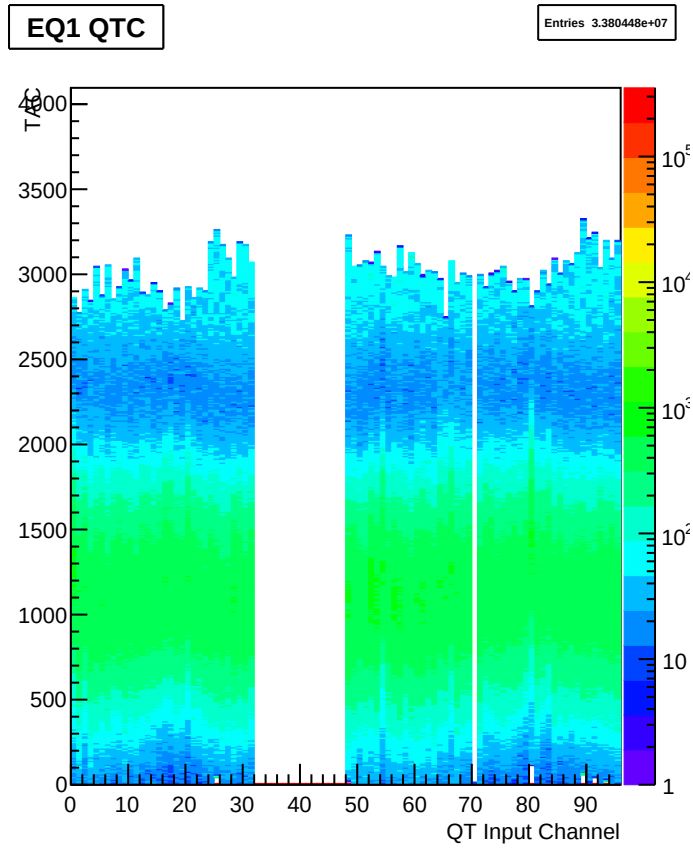

BBQ-VP002 West
Entries 5634080
ADC
QT Input Channel

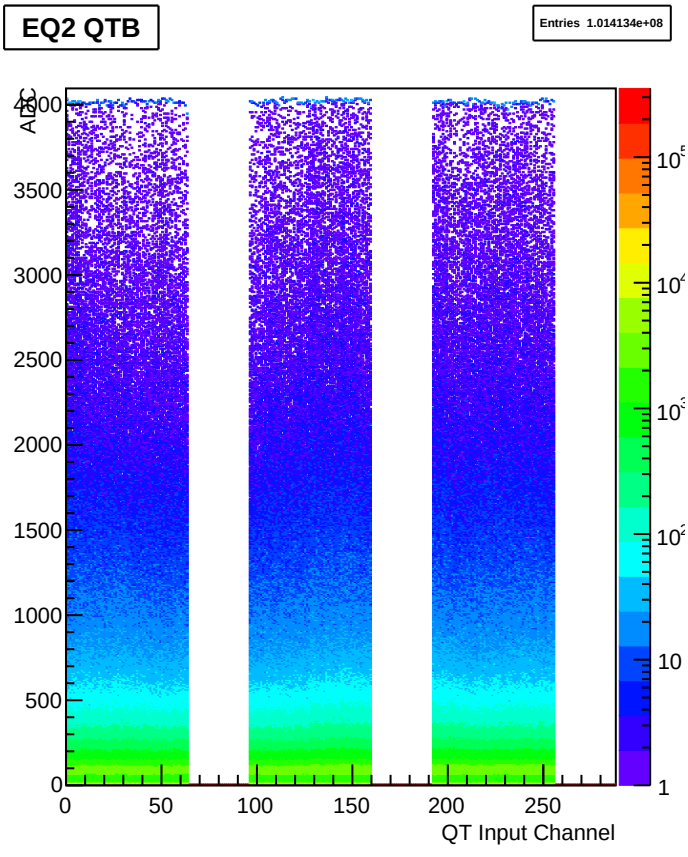

BBQ-VP002 West
Entries 5634080
TADC
QT Input Channel

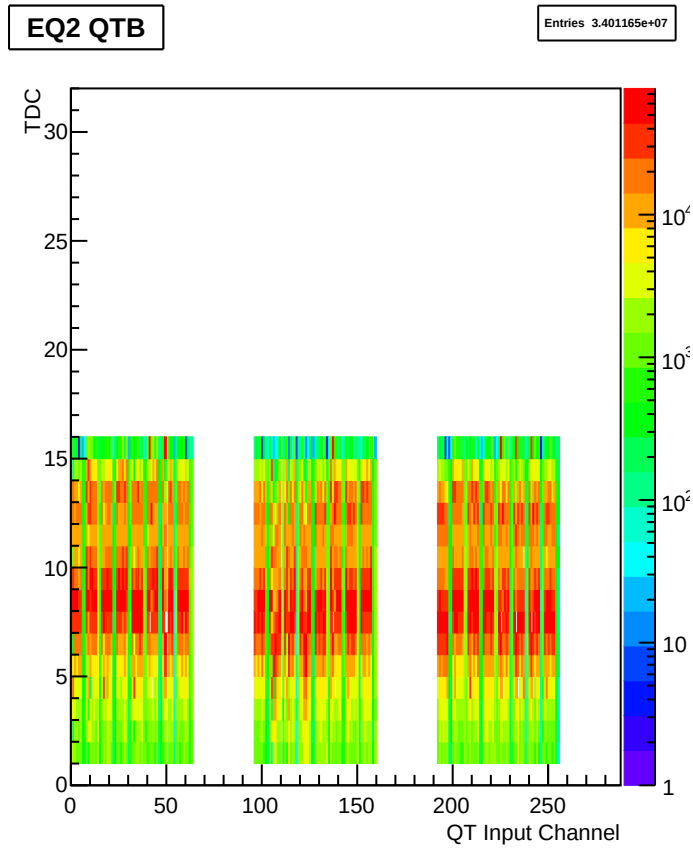

EQ1 QTB
Entries 1.014134e+08
ADC
QT Input Channel

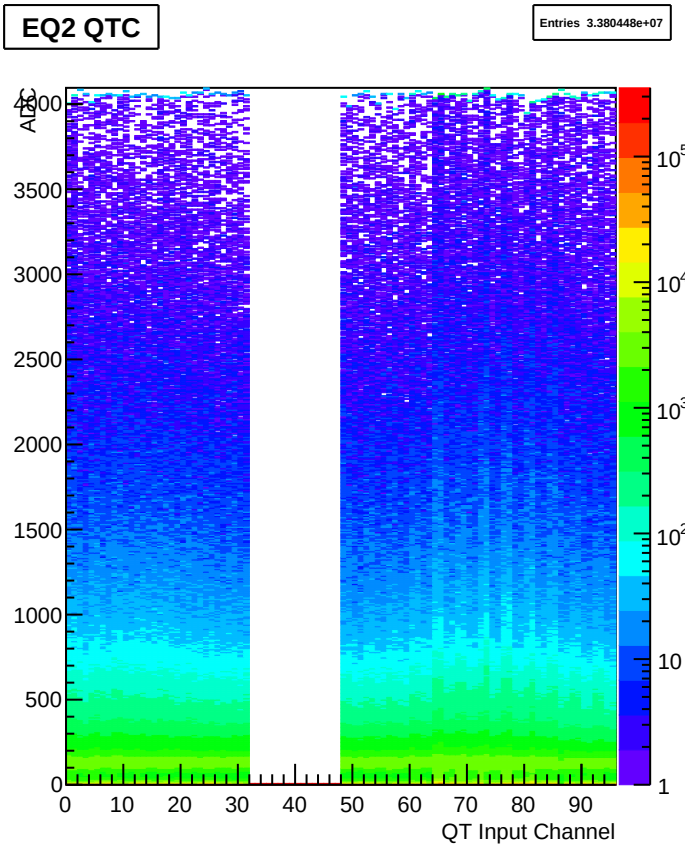

EQ1 QTB
Entries 3.375442e+07
TDC
QT Input Channel

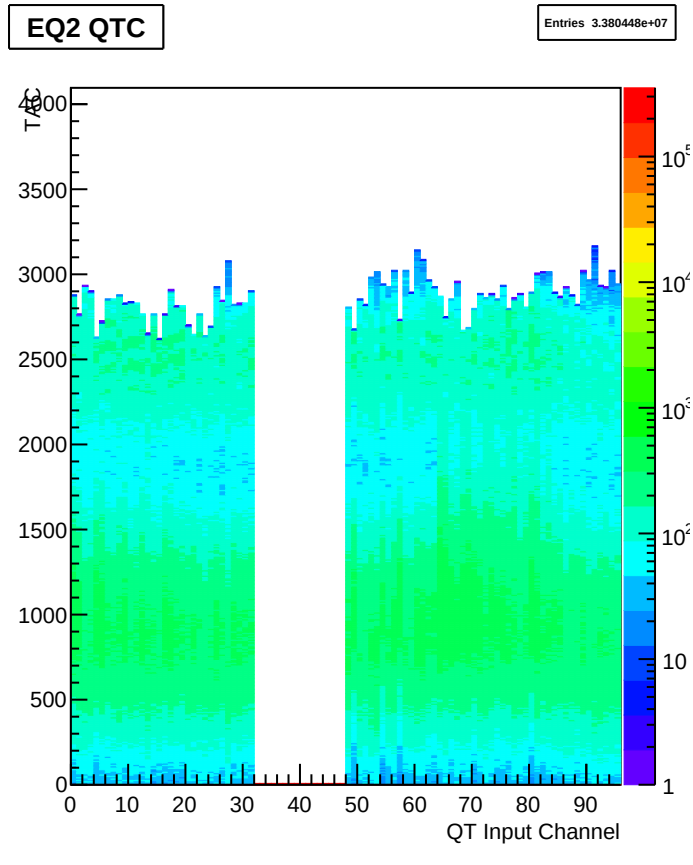

EQ1 QTC
Entries 3.380448e+07
ADC
QT Input Channel

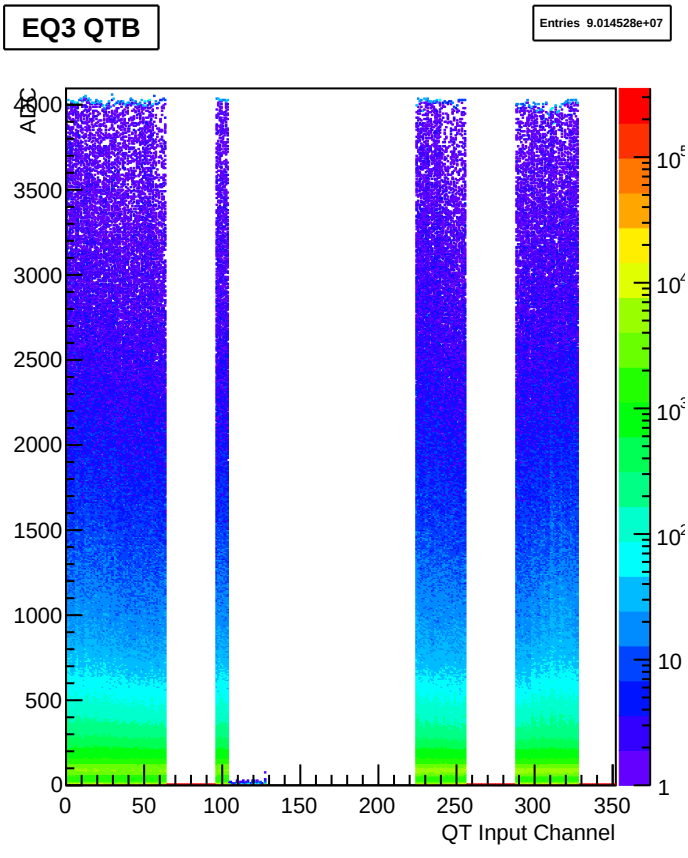

EQ1 QTC
Entries 3.380448e+07
TADC
QT Input Channel

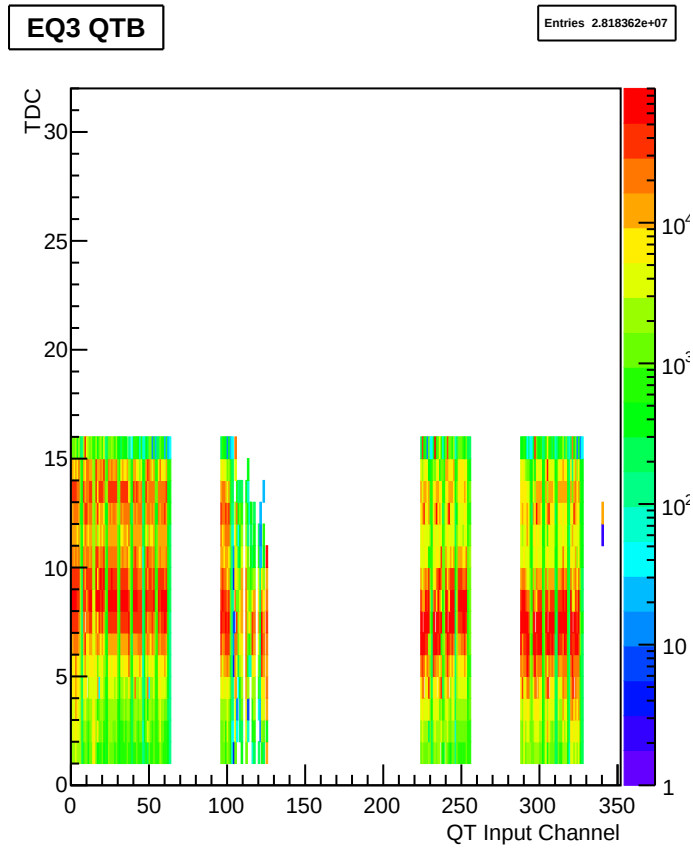

EQ2 QTB
Entries 1.014134e+08
ADC
QT Input Channel

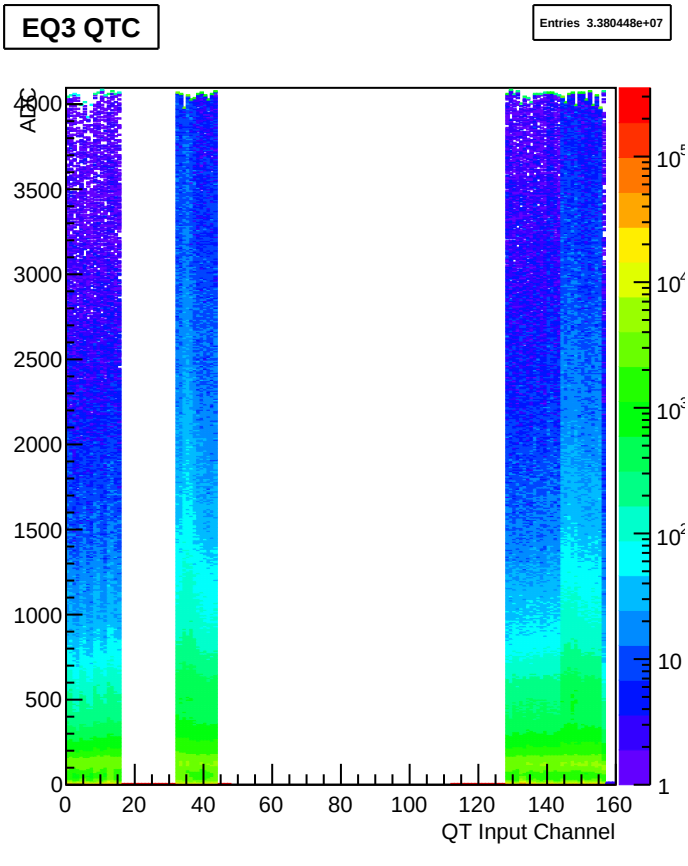

EQ2 QTB
Entries 3.401165e+07
TDC
QT Input Channel

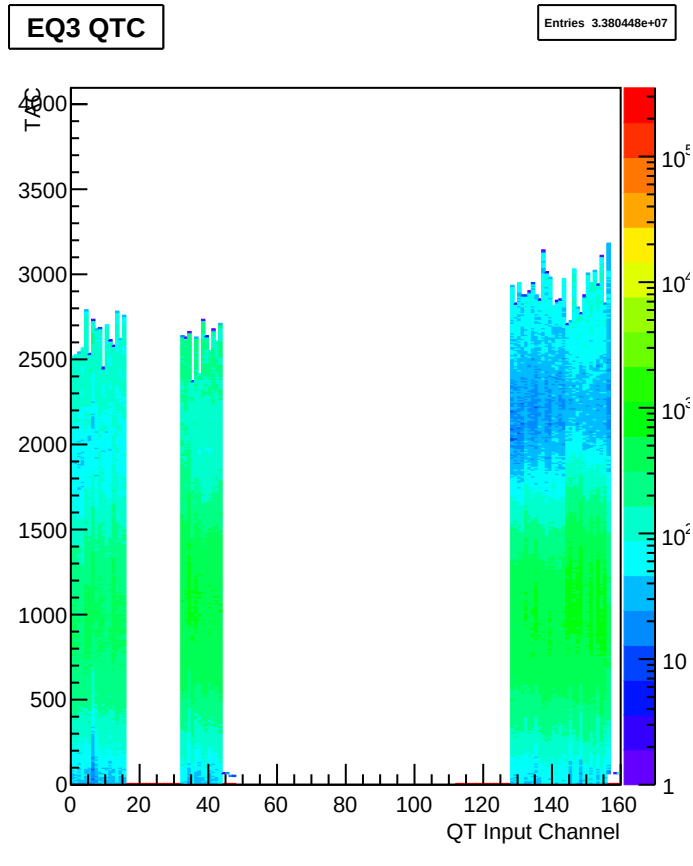

EQ2 QTC
Entries 3.380448e+07
ADC
QT Input Channel

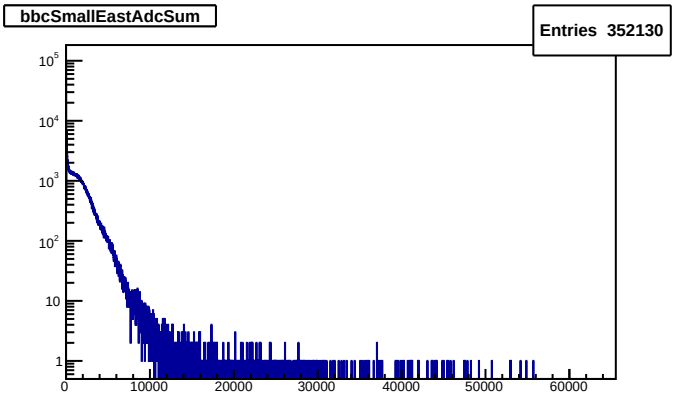

EQ2 QTC
Entries 3.380448e+07
TADC
QT Input Channel

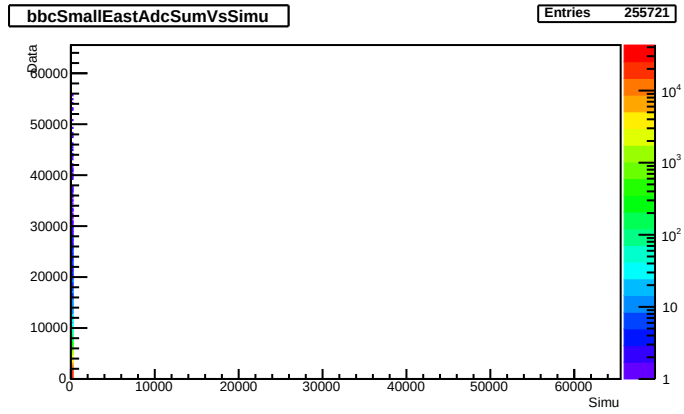

EQ3 QTB
Entries 9.014528e+07
ADC
QT Input Channel

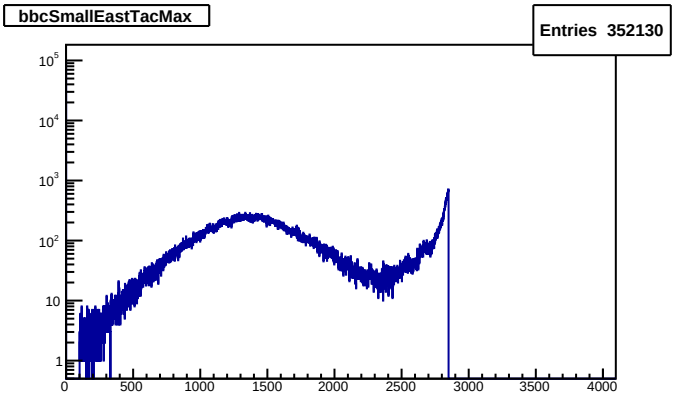

EQ3 QTB
Entries 2.818362e+07
TDC
QT Input Channel

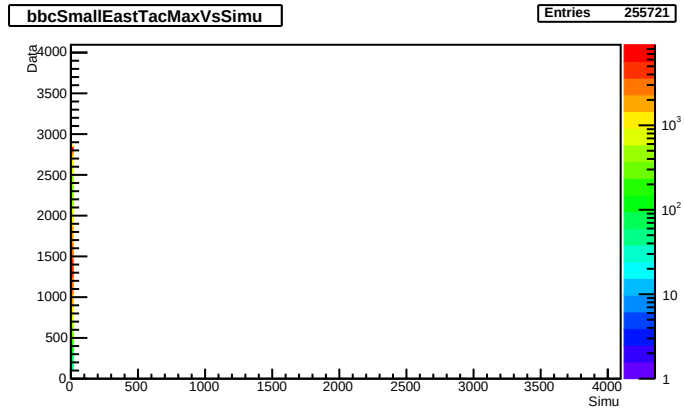

EQ3 QTC
Entries 3.380448e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.380448e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 352130


bbcSmallEastAdcSumVsSimu
Entries 255721
Data
Simu


bbcSmallEastTacMax
Entries 352130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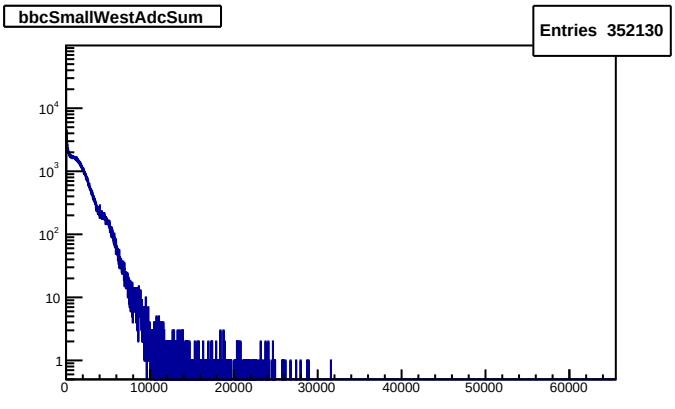
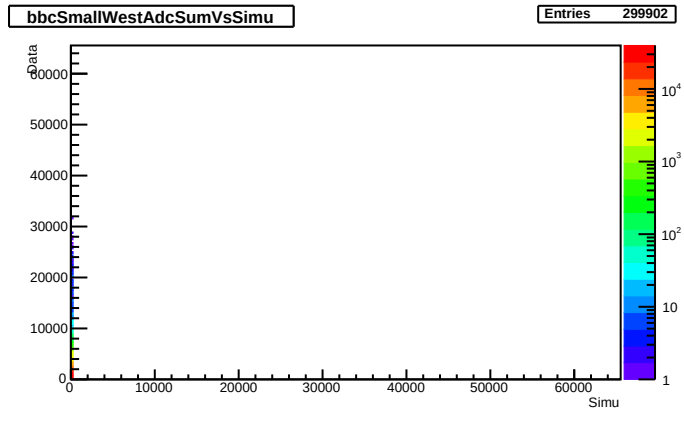
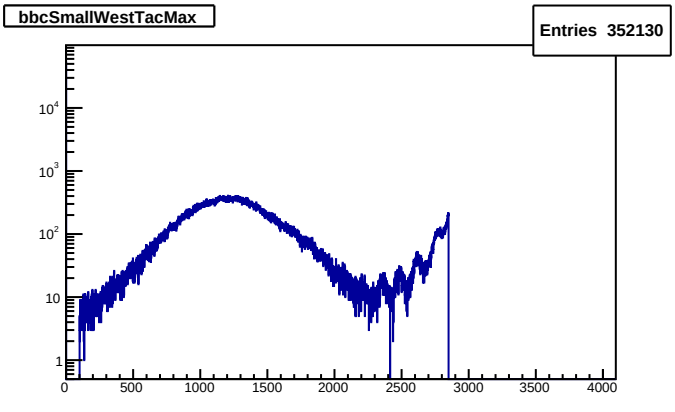

bbcSmallWestAdcSum
Entries 352130


bbcSmallWestAdcSumVsSimu
Entries 299902
Data
Simu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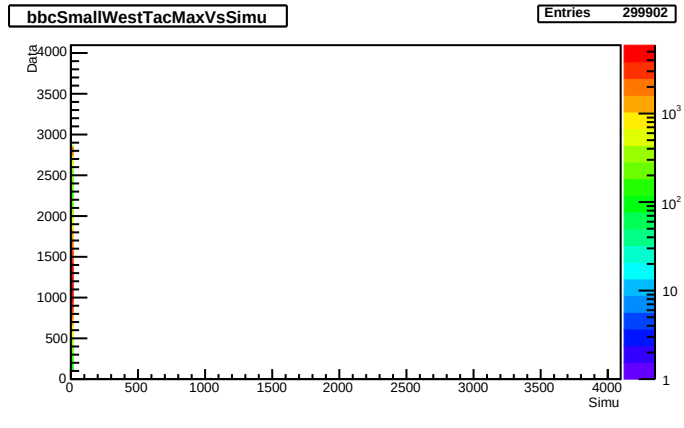
Entries 352130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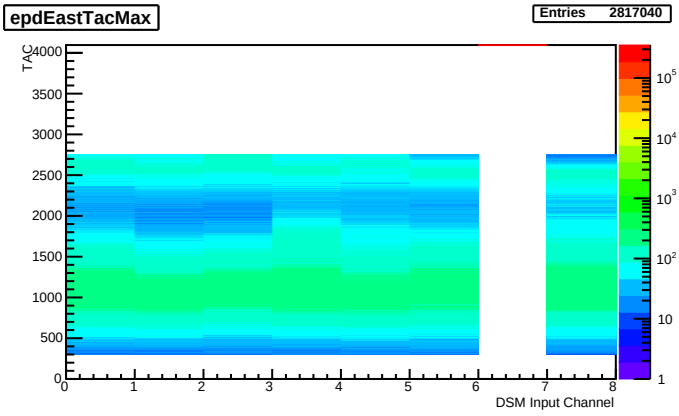
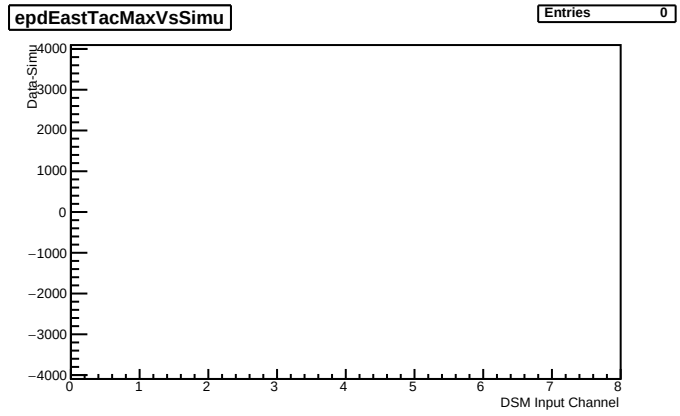
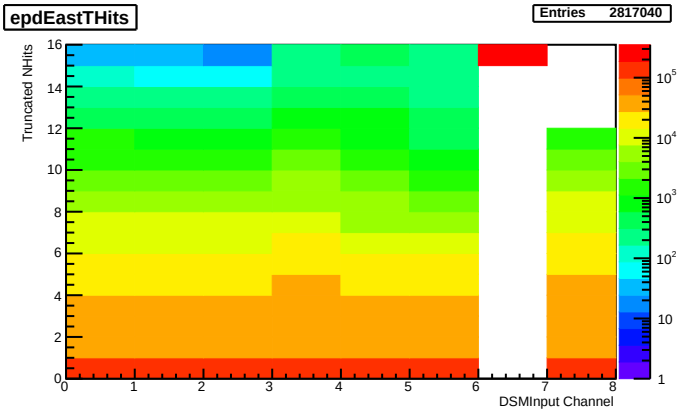
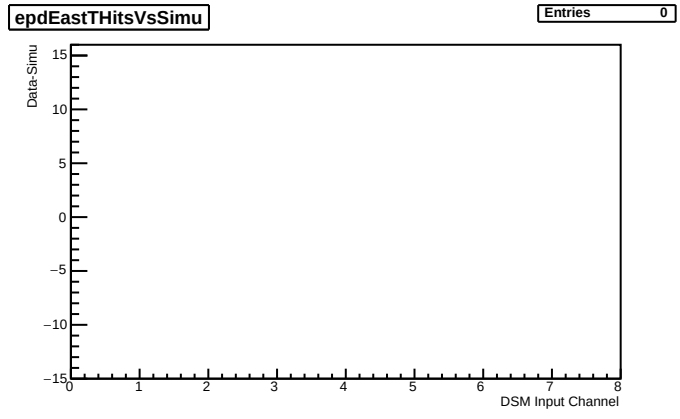
Entries 299902
Data
Simu


epdEastTacMax
Entries 2817040
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2817040
Truncated NHits
DSMInput Channel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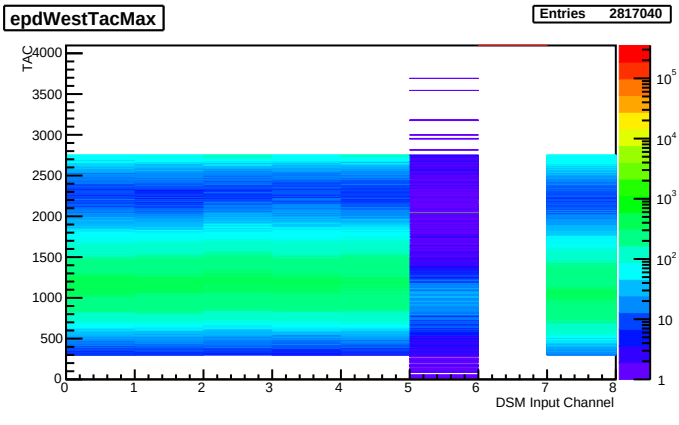
Data-Simu
DSM Input Channel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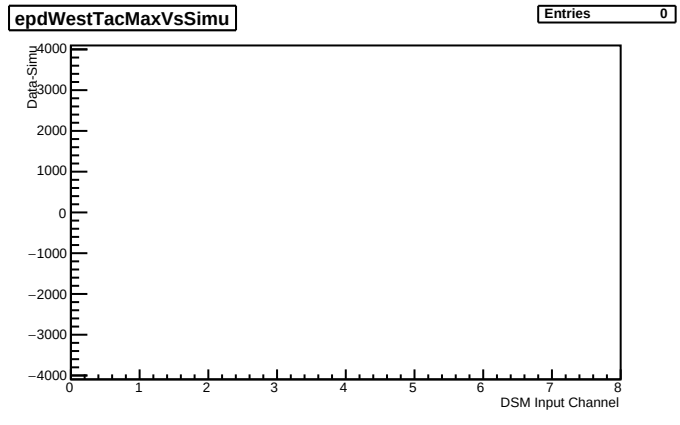
Entries 2817040
TAC
DSM Input Channel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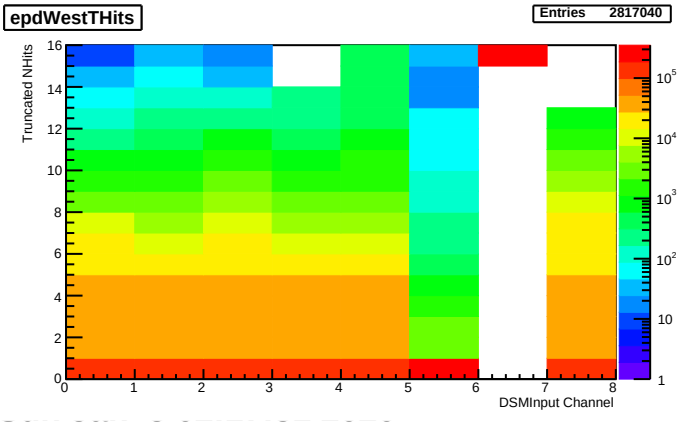
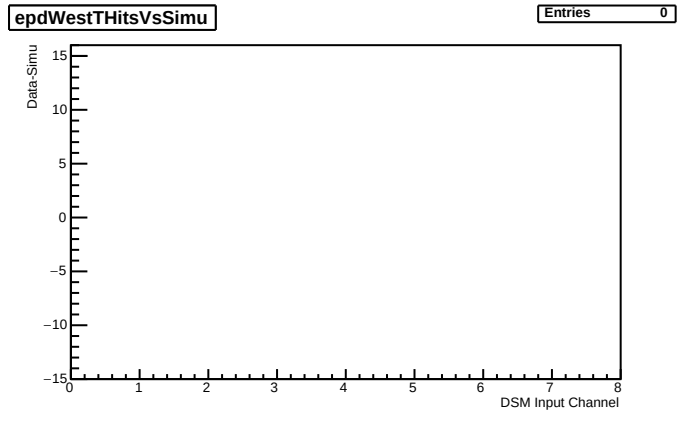
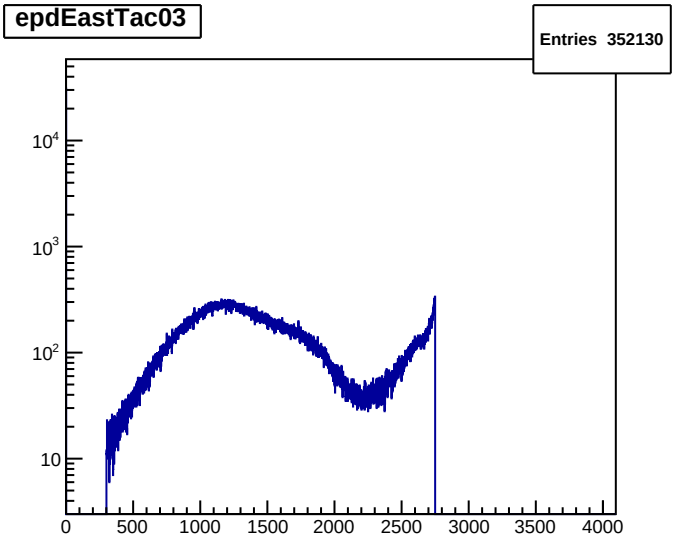
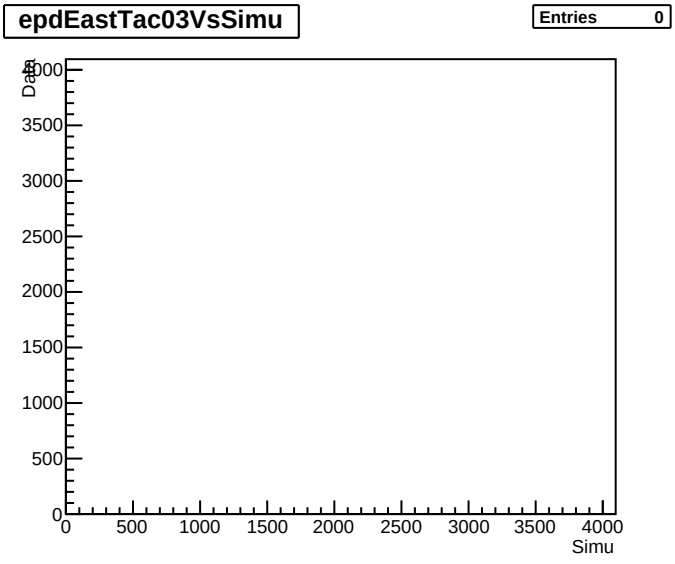
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2817040
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 352130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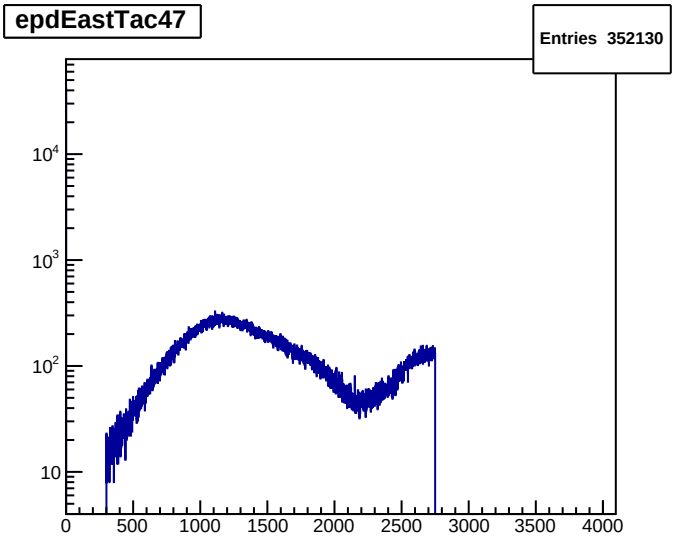
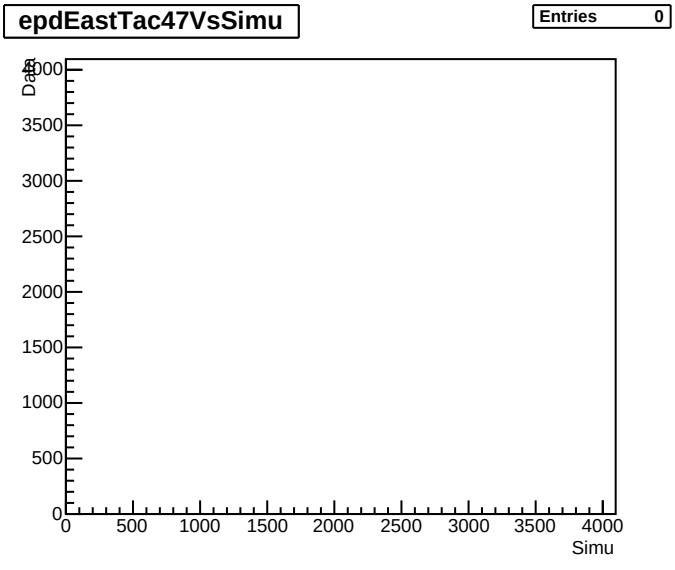
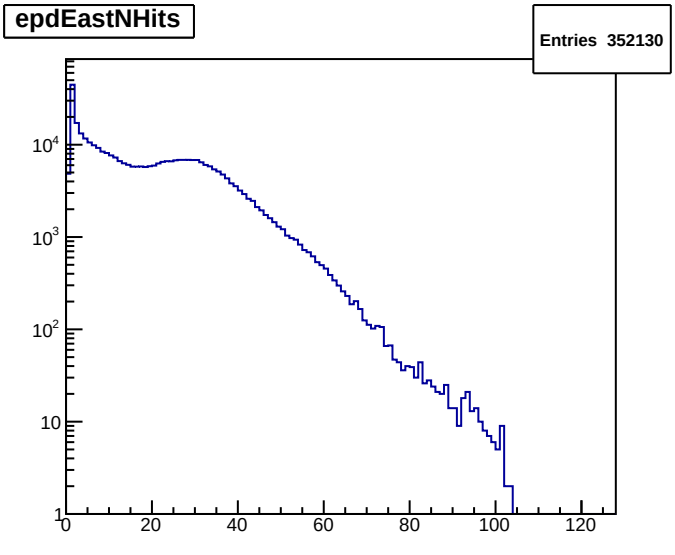
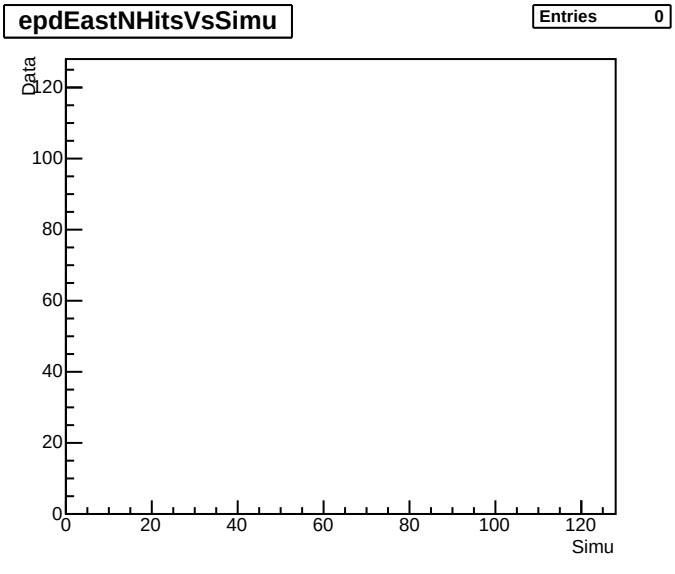
Entries 0
Data
Simu


epdEastTac47
Entries 352130


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 352130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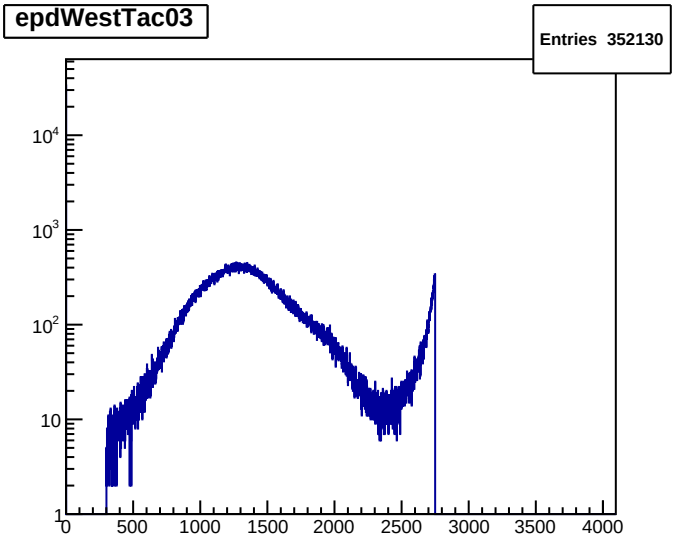
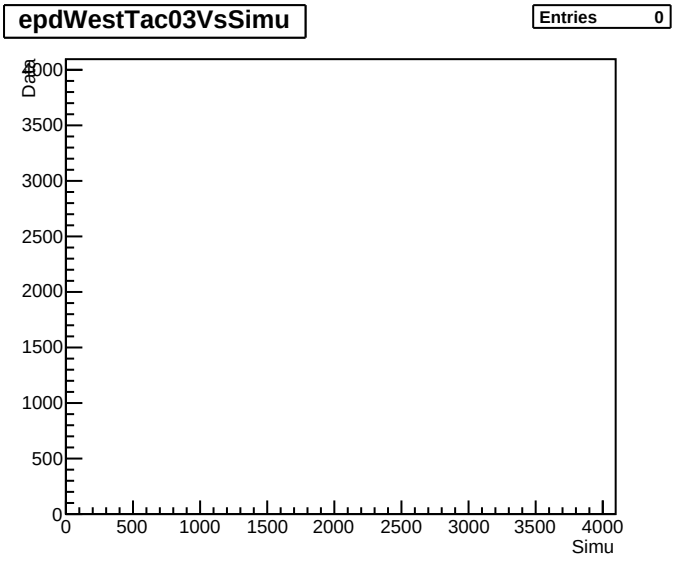
Entries 0
Data
Simu


epdWestTac03
Entries 352130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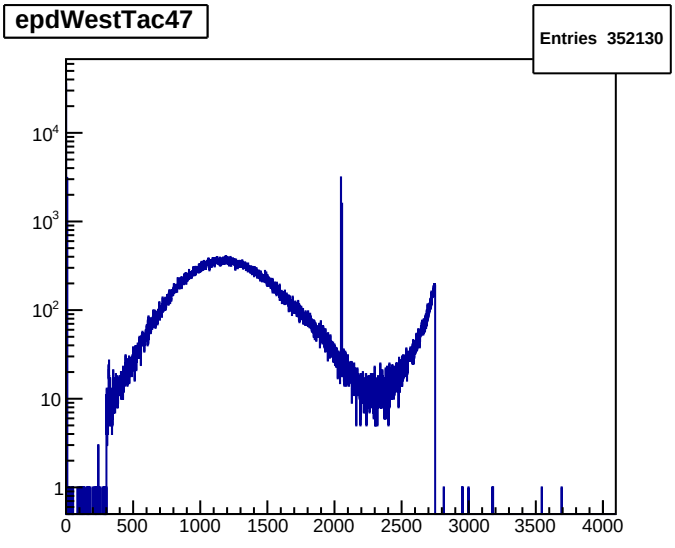
Entries 0
Data
Simu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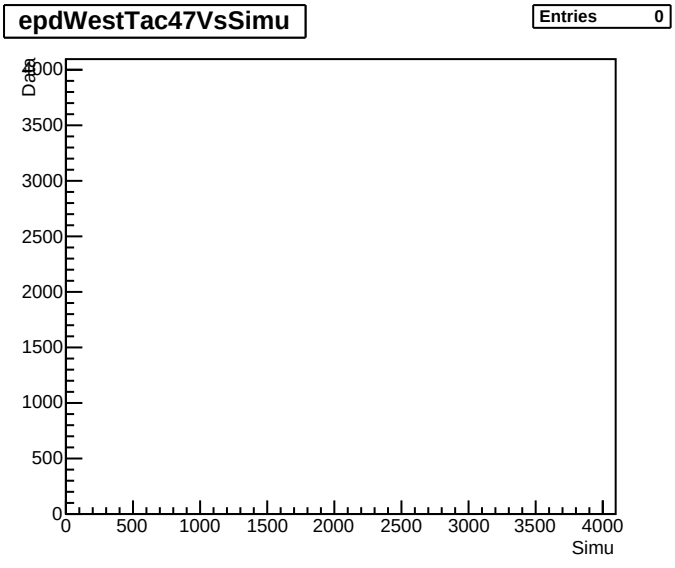
Entries 352130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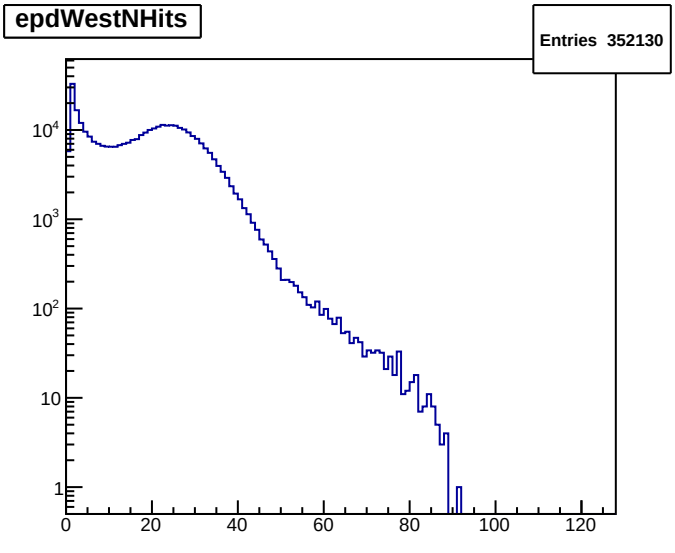
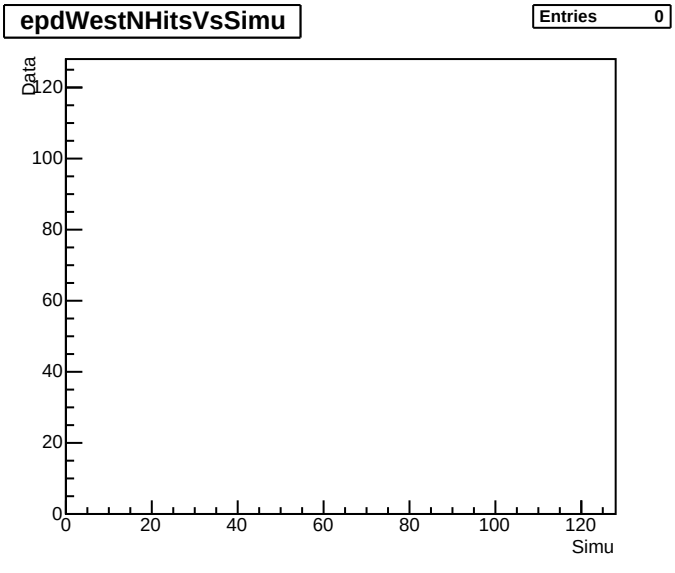
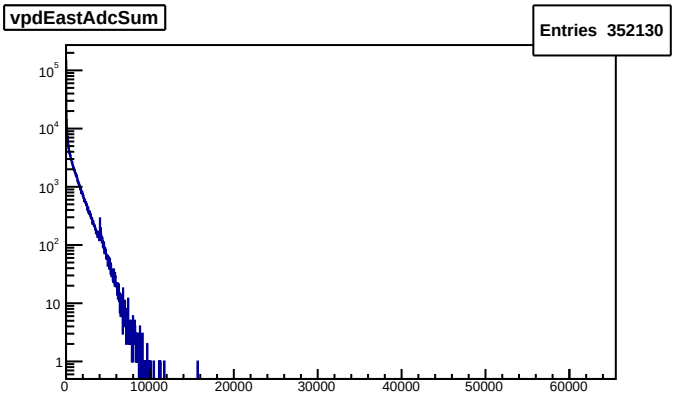
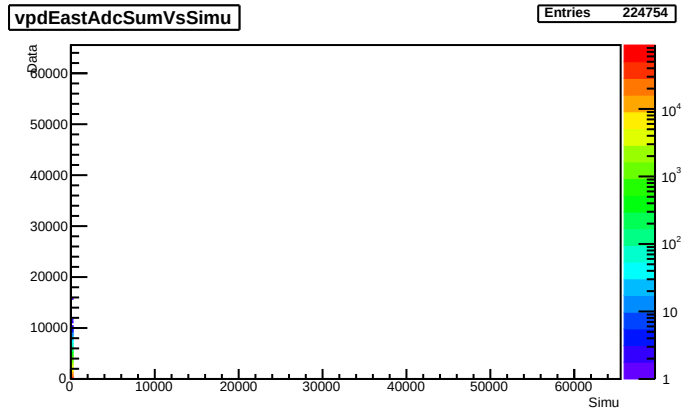
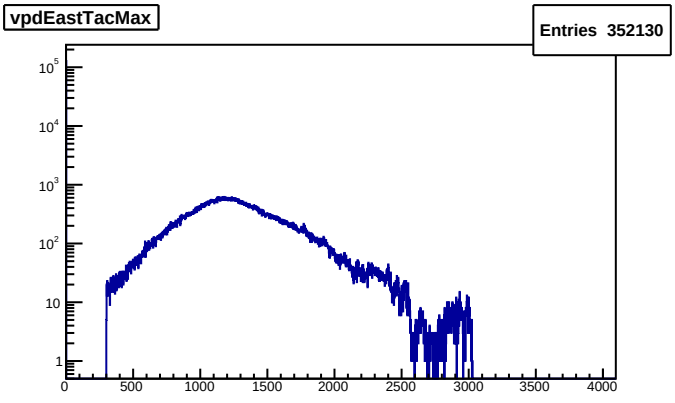
Entries 0
Data
Simu

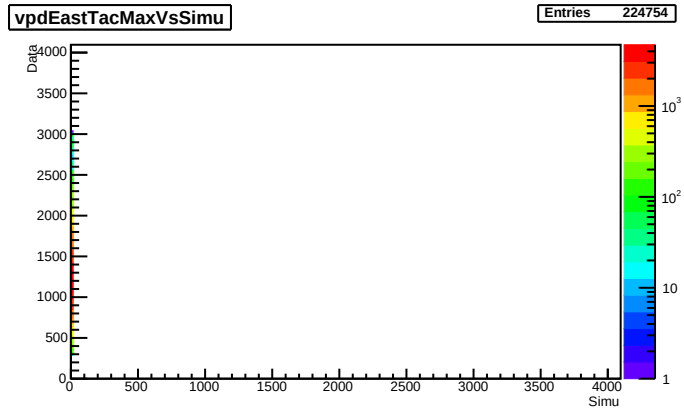

epdWestNHits
Entries 352130

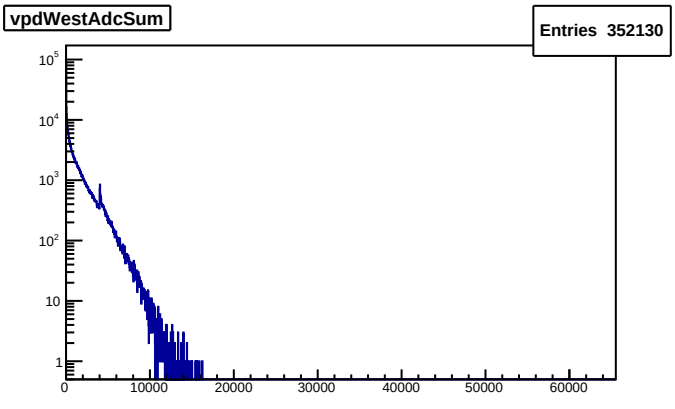

epdWestNHitsVsSimu
Entries 0
Data
Simu

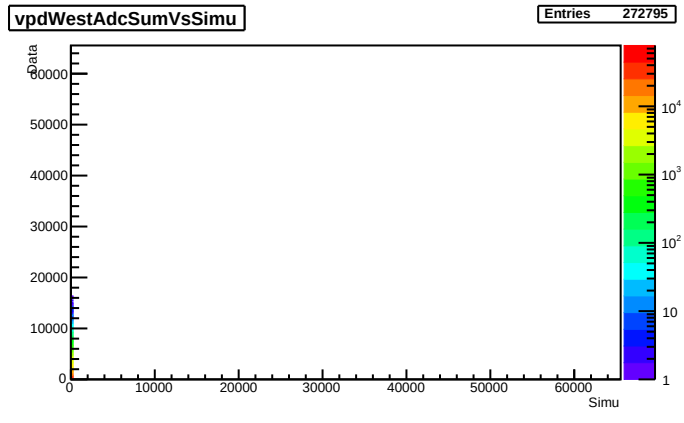

vpdEastAdcSum
Entries 352130

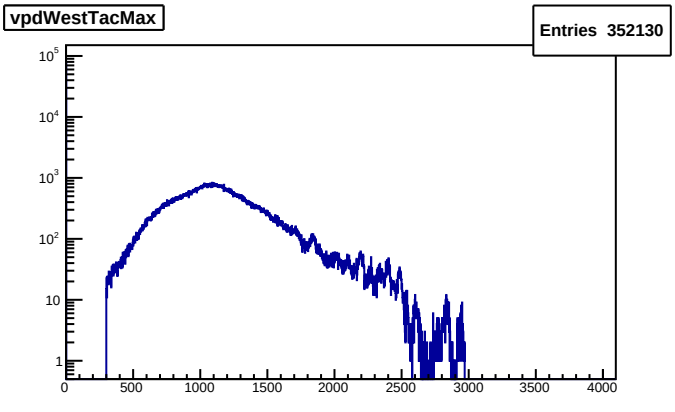

vpdEastAdcSumVsSimu
Entries 224754
Data
Simu

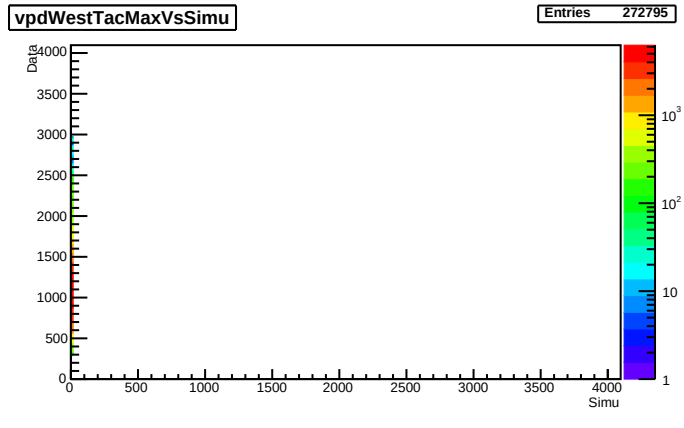

vpdEastTacMax
Entries 352130

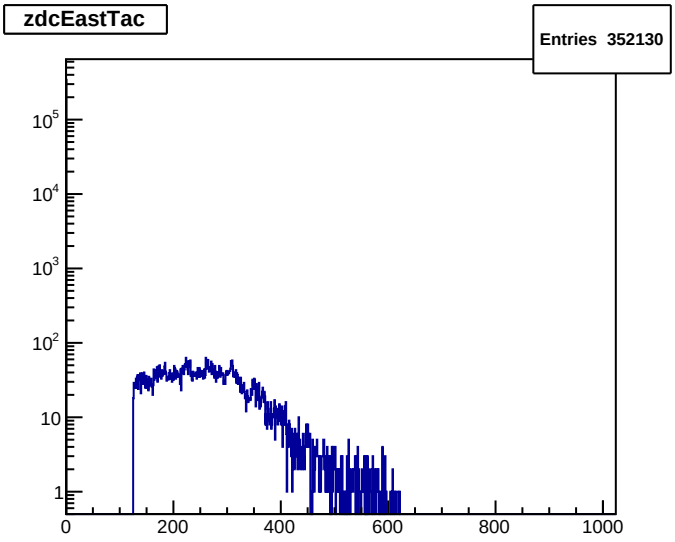

vpdEastTacMaxVsSimu
Entries 224754
Data
Simu

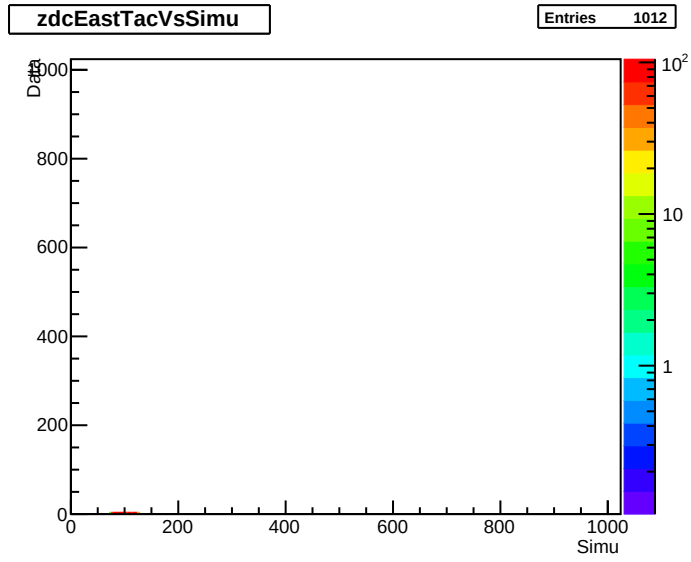

vpdWestAdcSum
Entries 352130

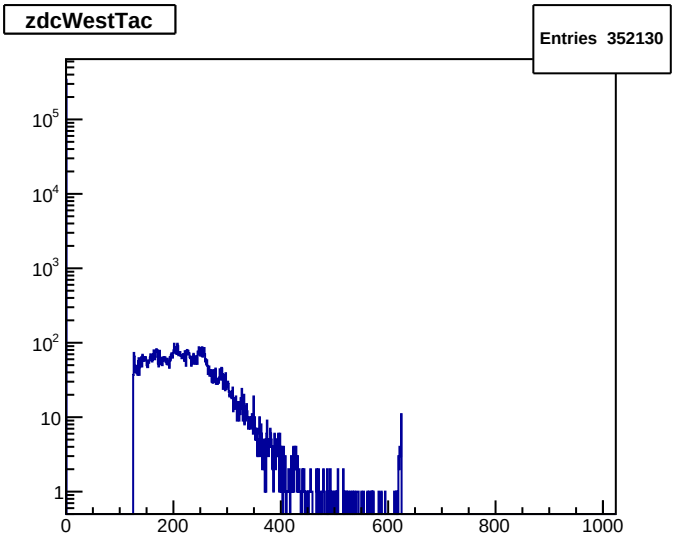

vpdWestAdcSumVsSimu
Entries 272795
Data
Simu

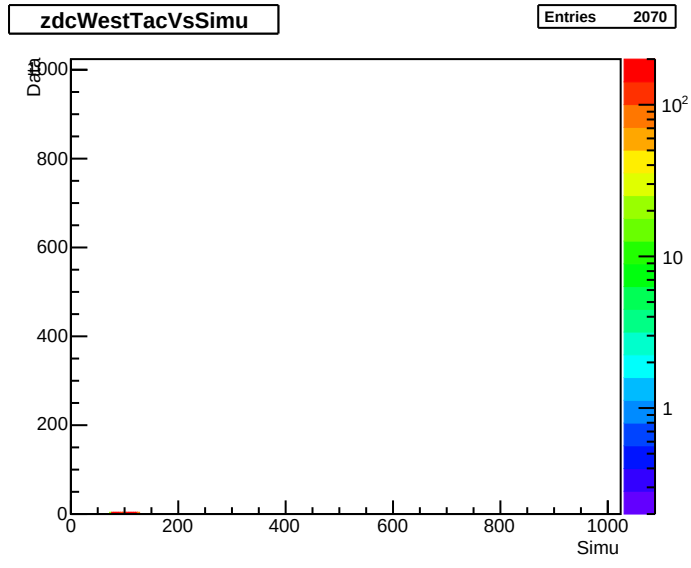

vpdWestTacMax
Entries 352130

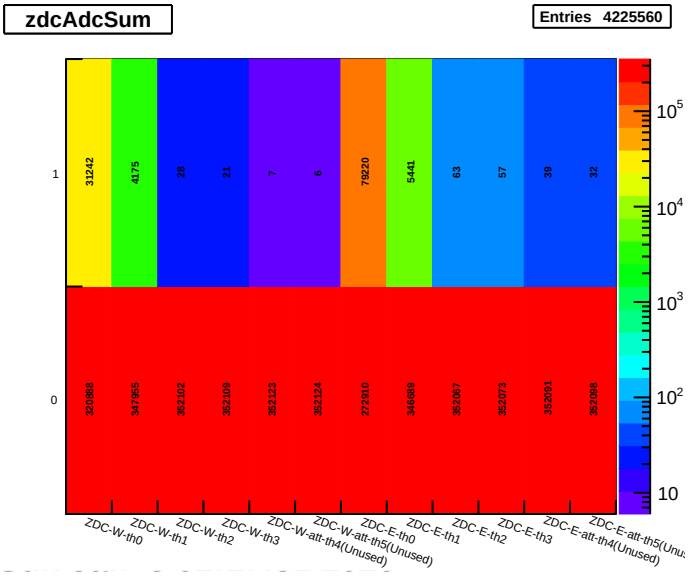

vpdWestTacMaxVsSimu
Entries 272795
Data
Simu

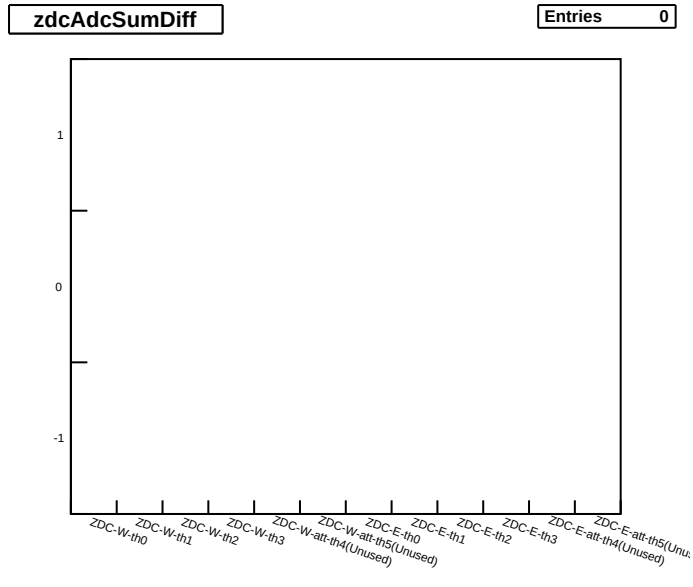

zdcEastTac
Entries 352130

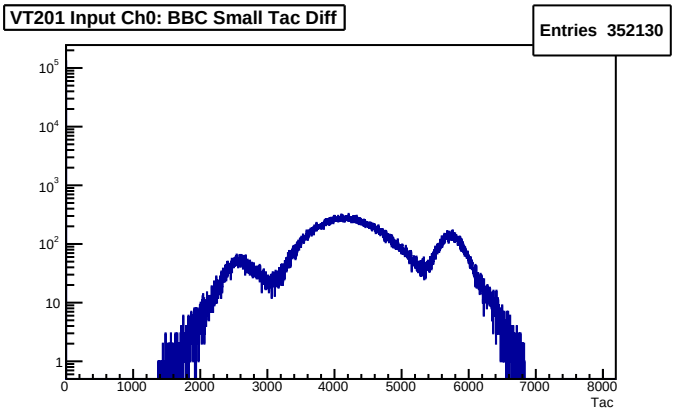

zdcEastTacVsSimu
Entries 1012
Data
Simu

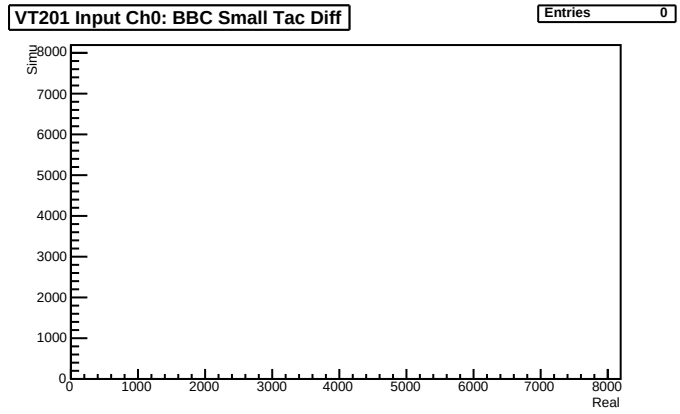

zdcWestTac
Entries 352130

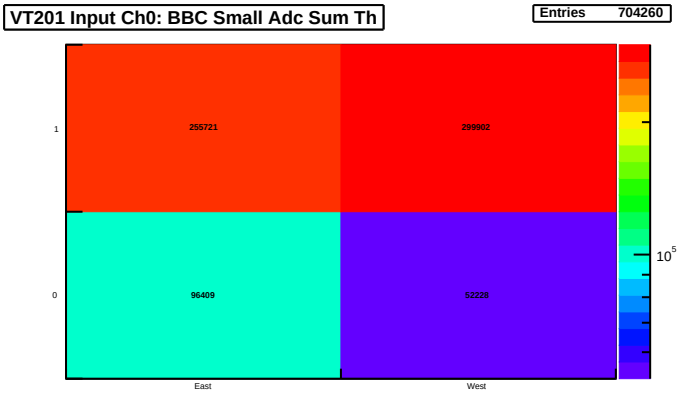

zdcWestTacVsSimu
Entries 2070
Data
Simu

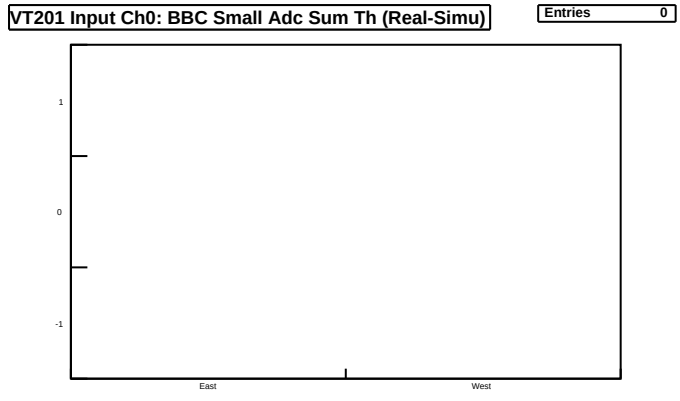

zdcAdcSum
Entries 4225560
31242
4175
28
21
7
6
79220
5441
63
57
39
32
320888
347955
352102
352109
352123
352124
272910
346689
352067
352073
352091
352088
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

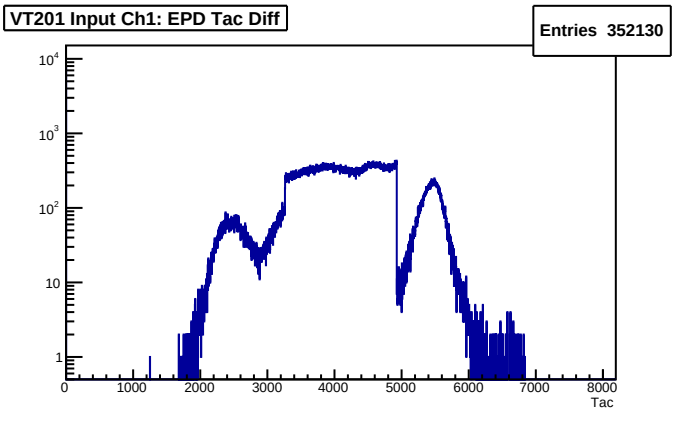

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

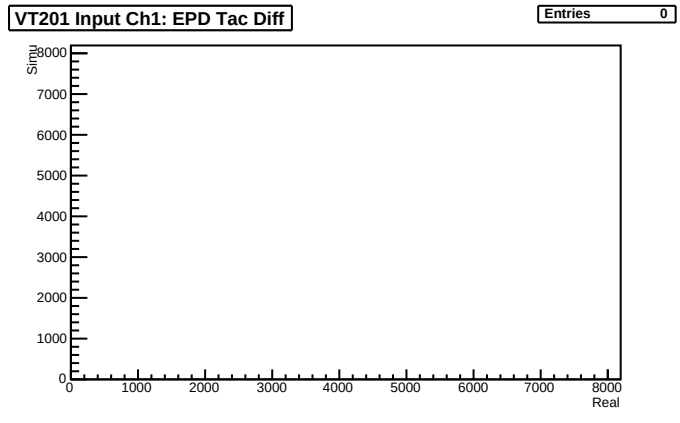

VT201 Input Ch0: BBC Small Tac Diff
Entries 352130
Tac

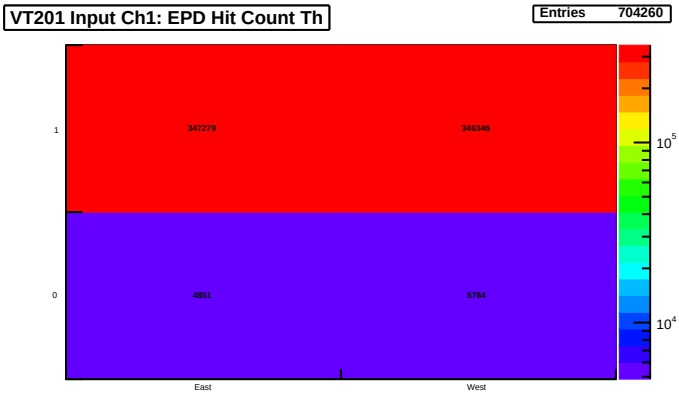

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

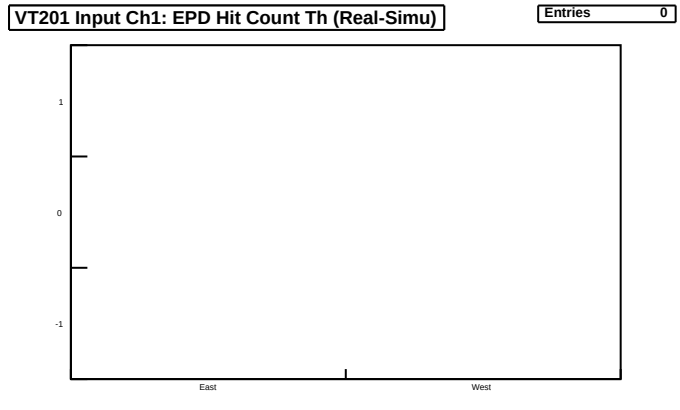

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 704260
255721
299902
96409
52228
East
West

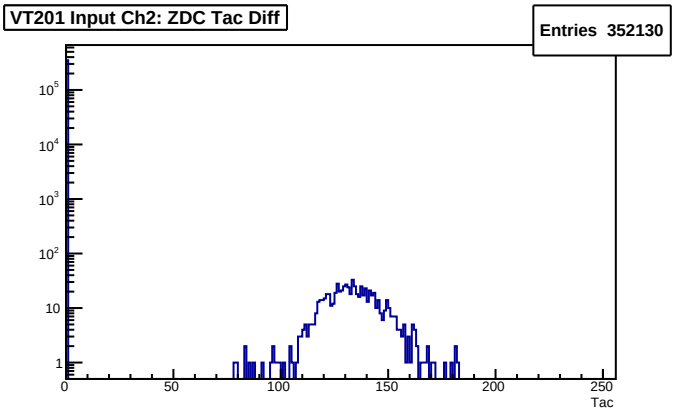

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

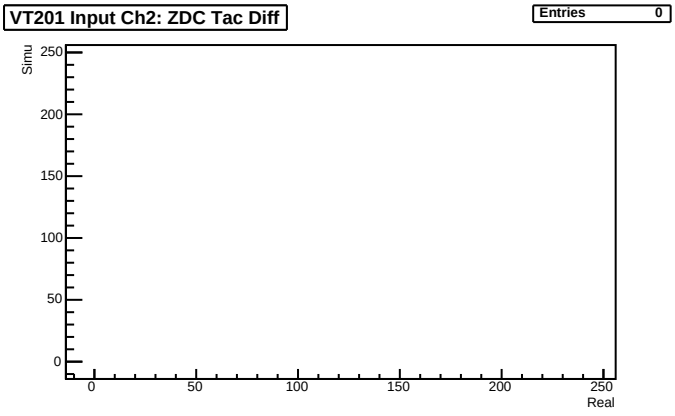

VT201 Input Ch1: EPD Tac Diff
Entries 352130
Tac

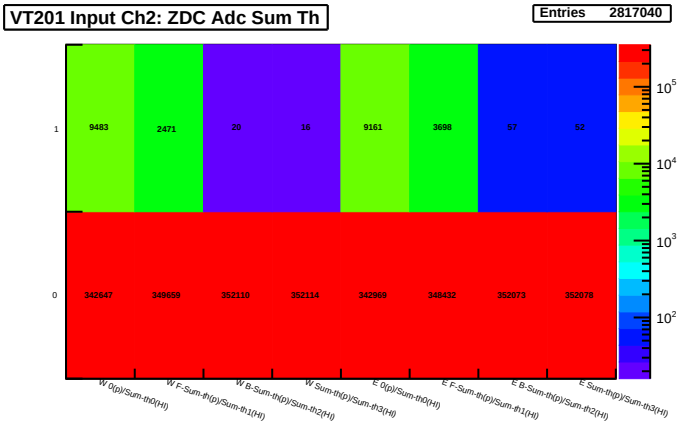

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

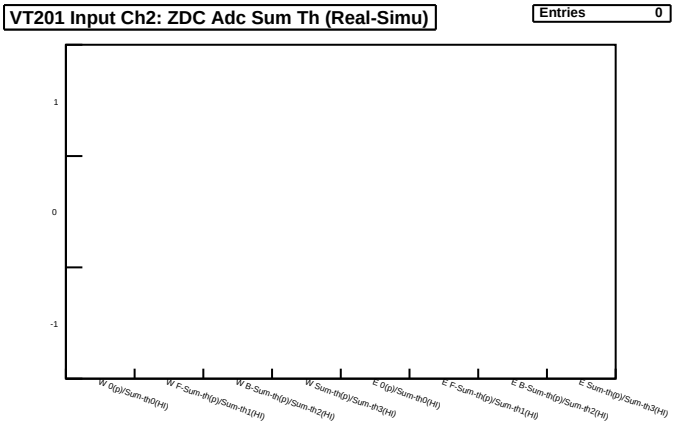

VT201 Input Ch1: EPD Hit Count Th
Entries 704260
347279
346346
4851
5784
East
West

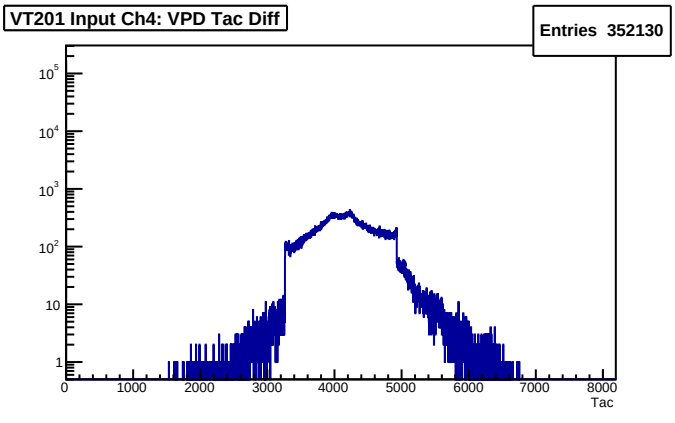

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

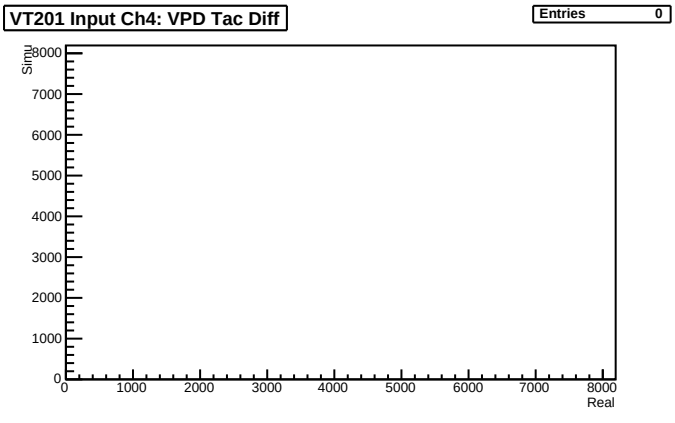

VT201 Input Ch2: ZDC Tac Diff
Entries 352130
Tac

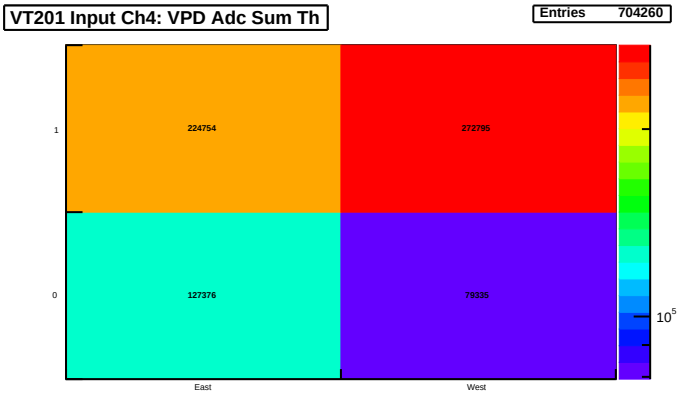

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

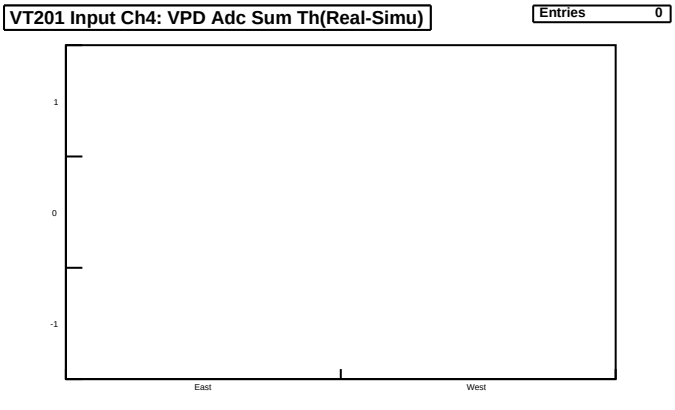

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2817040
9483
2471
20
16
9161
3698
57
52
342647
349659
352110
352114
342969
348432
352073
352078
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

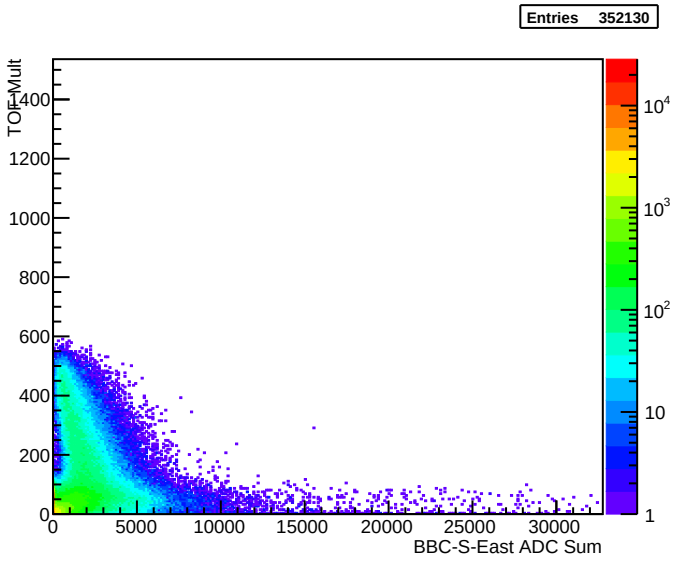

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

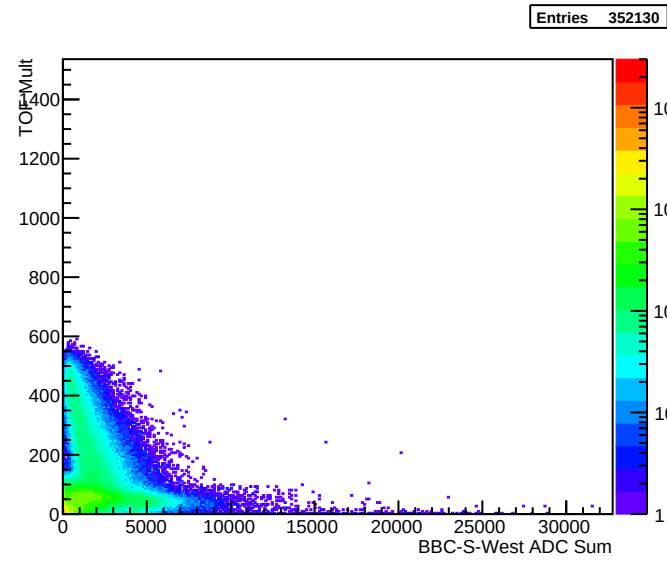

VT201 Input Ch4: VPD Tac Diff
Entries 352130
Tac

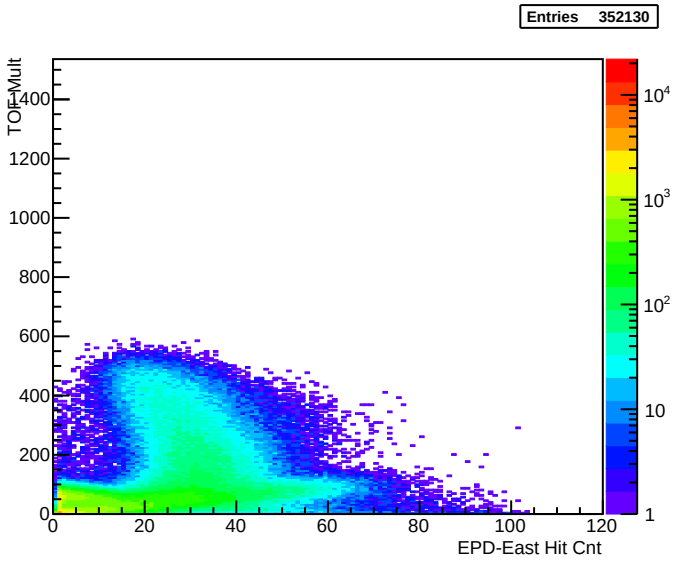

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

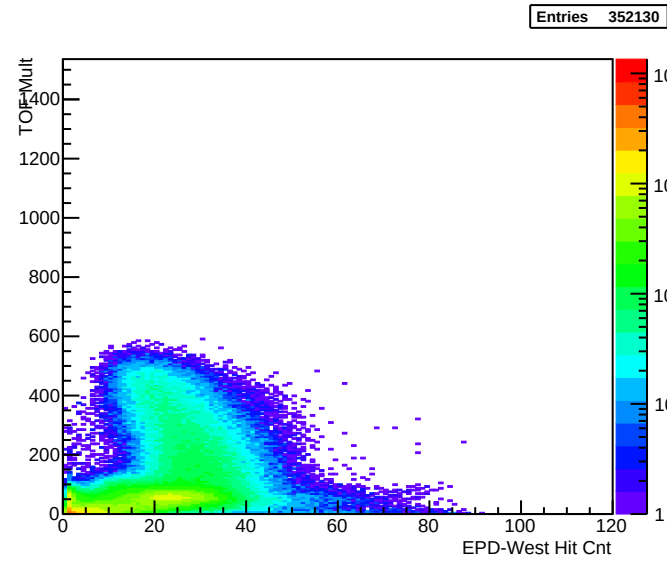

VT201 Input Ch4: VPD Adc Sum Th
Entries 704260
224754
272795
127376
79335
East
West

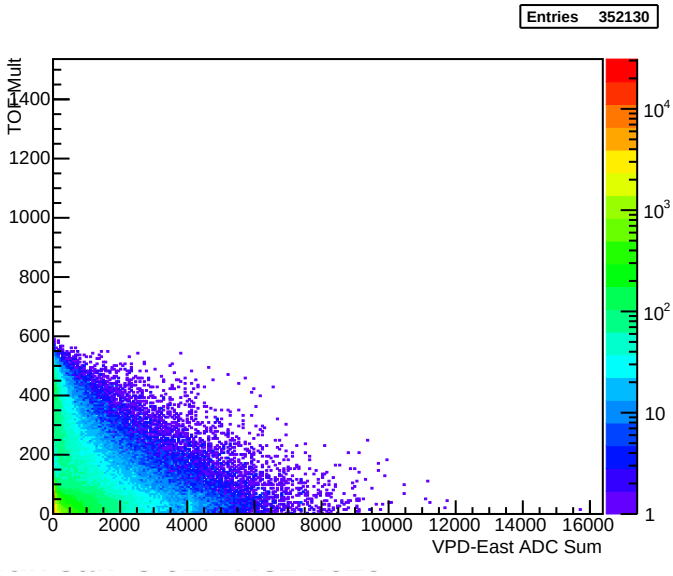

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

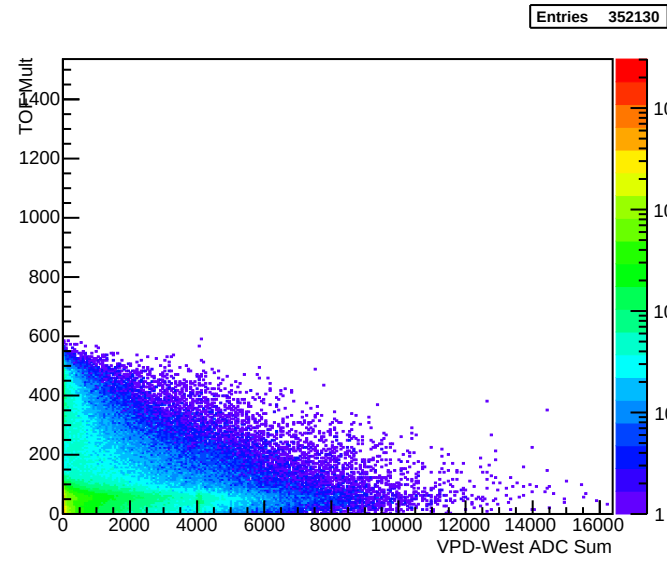

Entries 352130
TOF-Mult
BBC-S-East ADC Sum

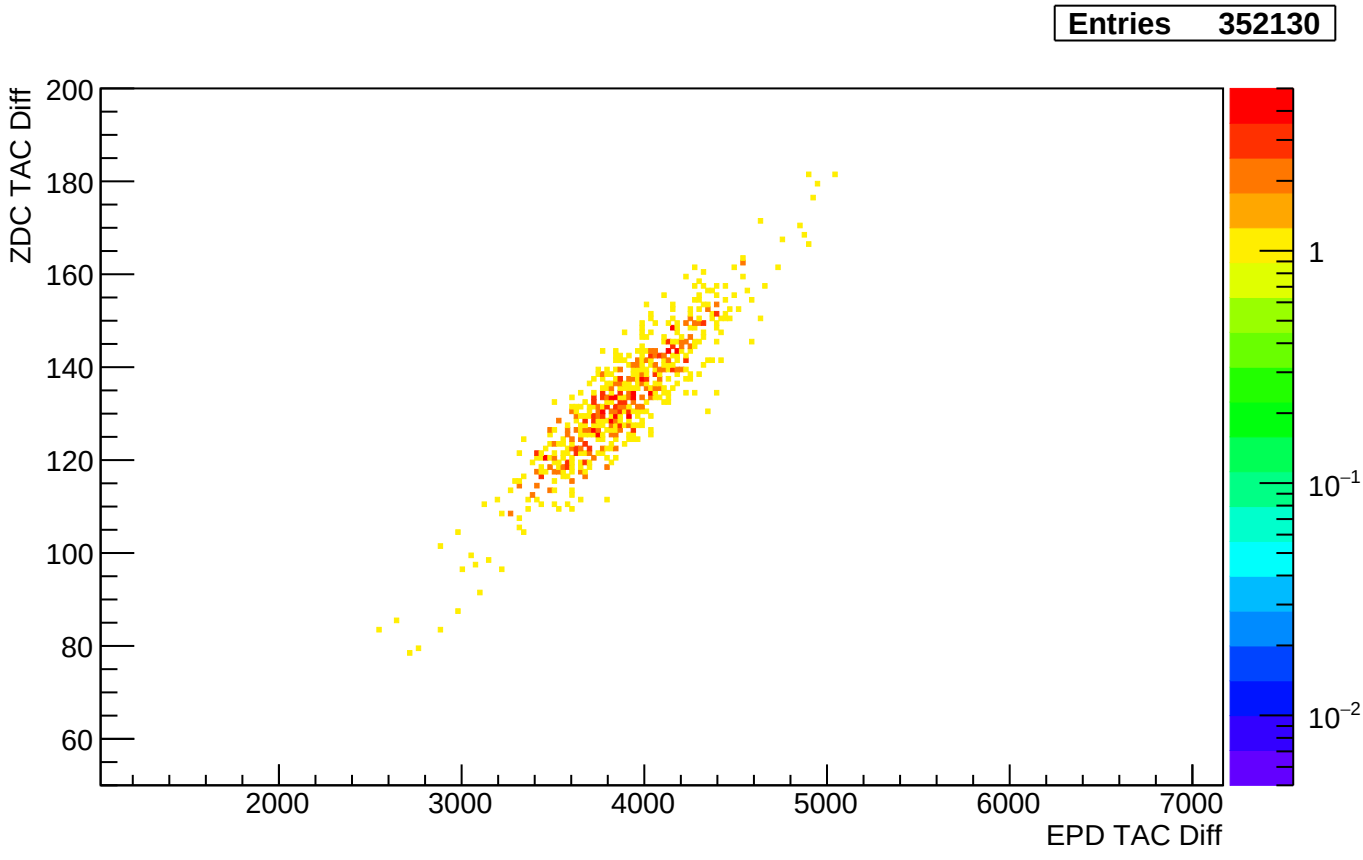

Entries 352130
TOF-Mult
BBC-S-West ADC Sum

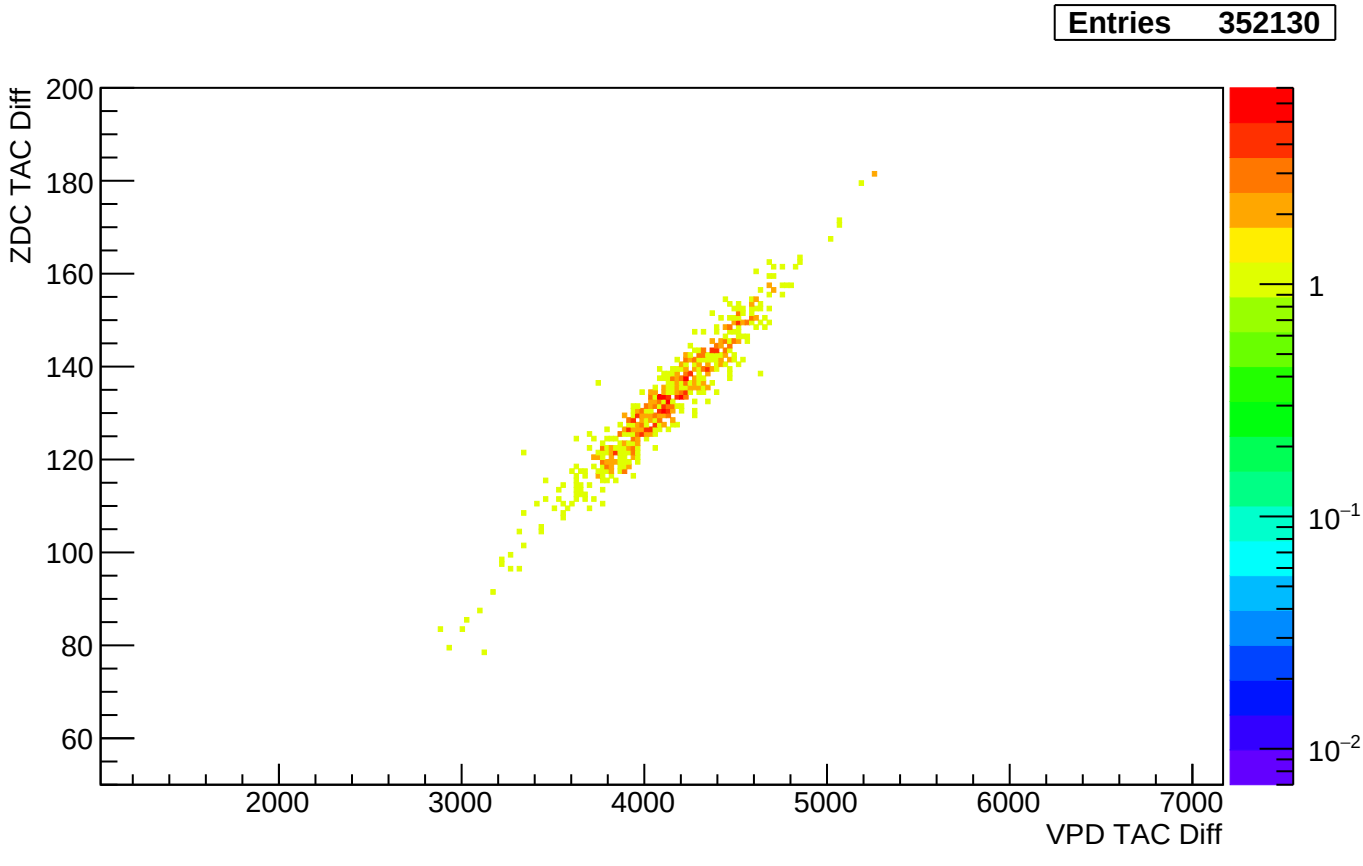

Entries 352130
TOF-Mult
EPD-East Hit Cnt

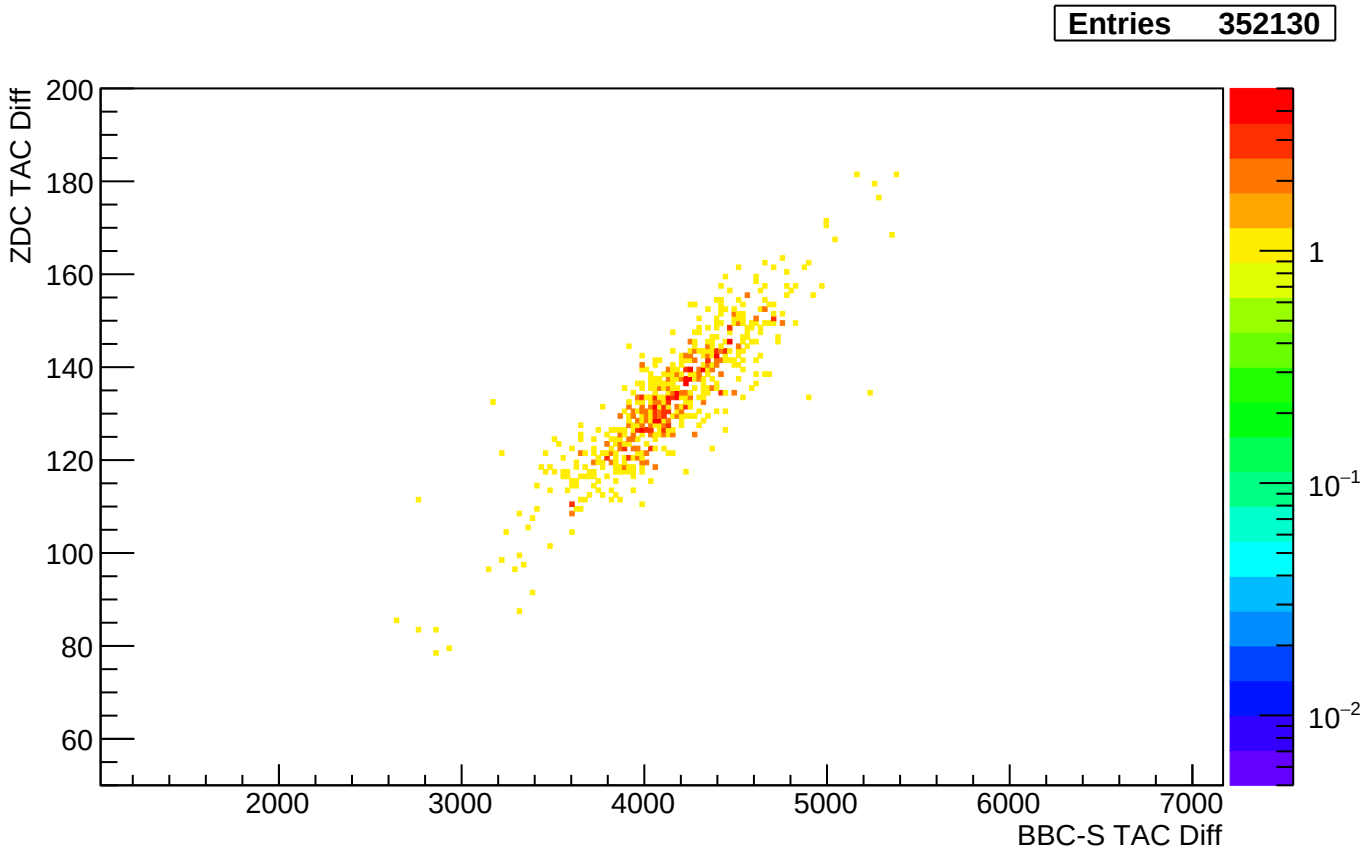

Entries 352130
TOF-Mult
EPD-West Hit Cnt

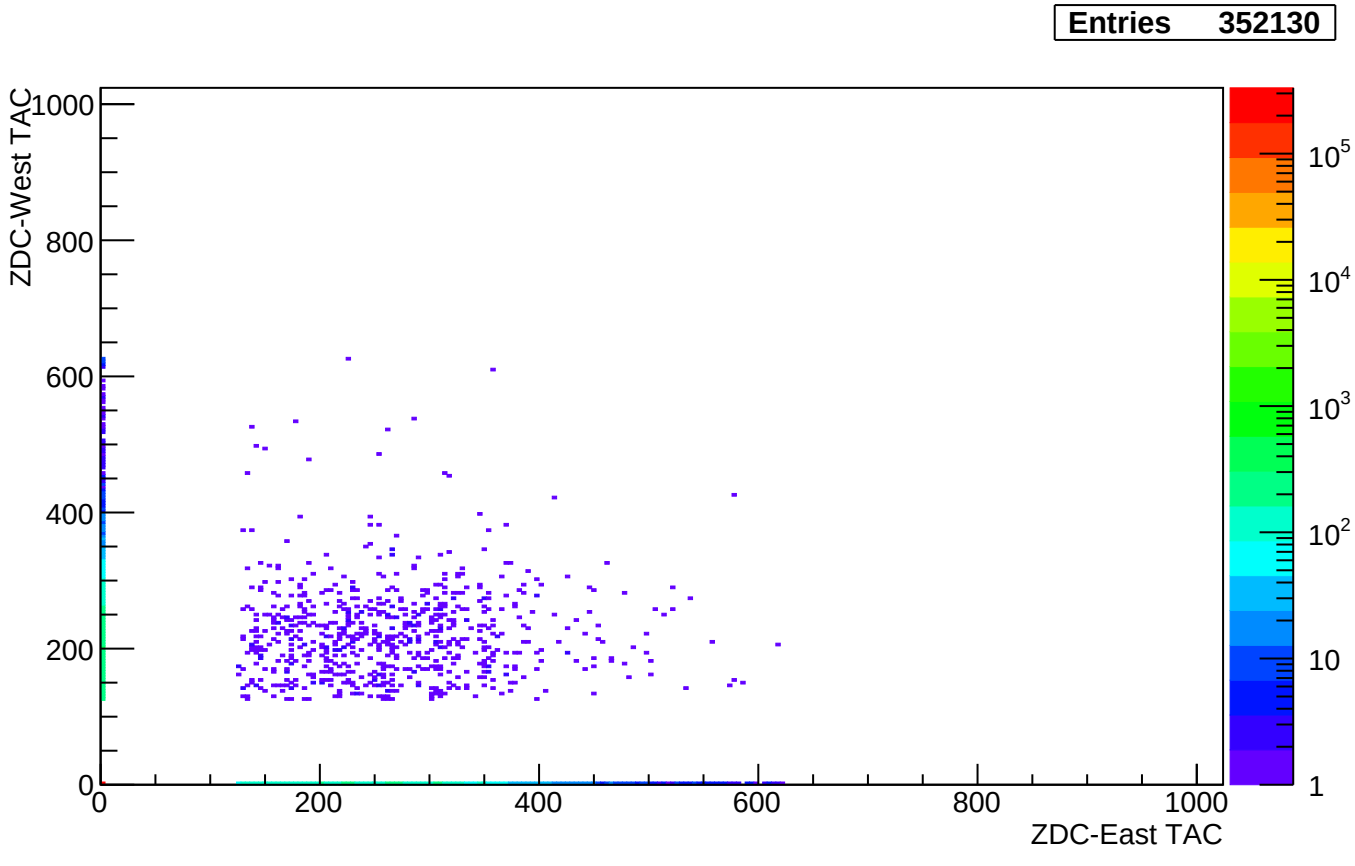

Entries 352130
TOF-Mult
VPD-East ADC Sum

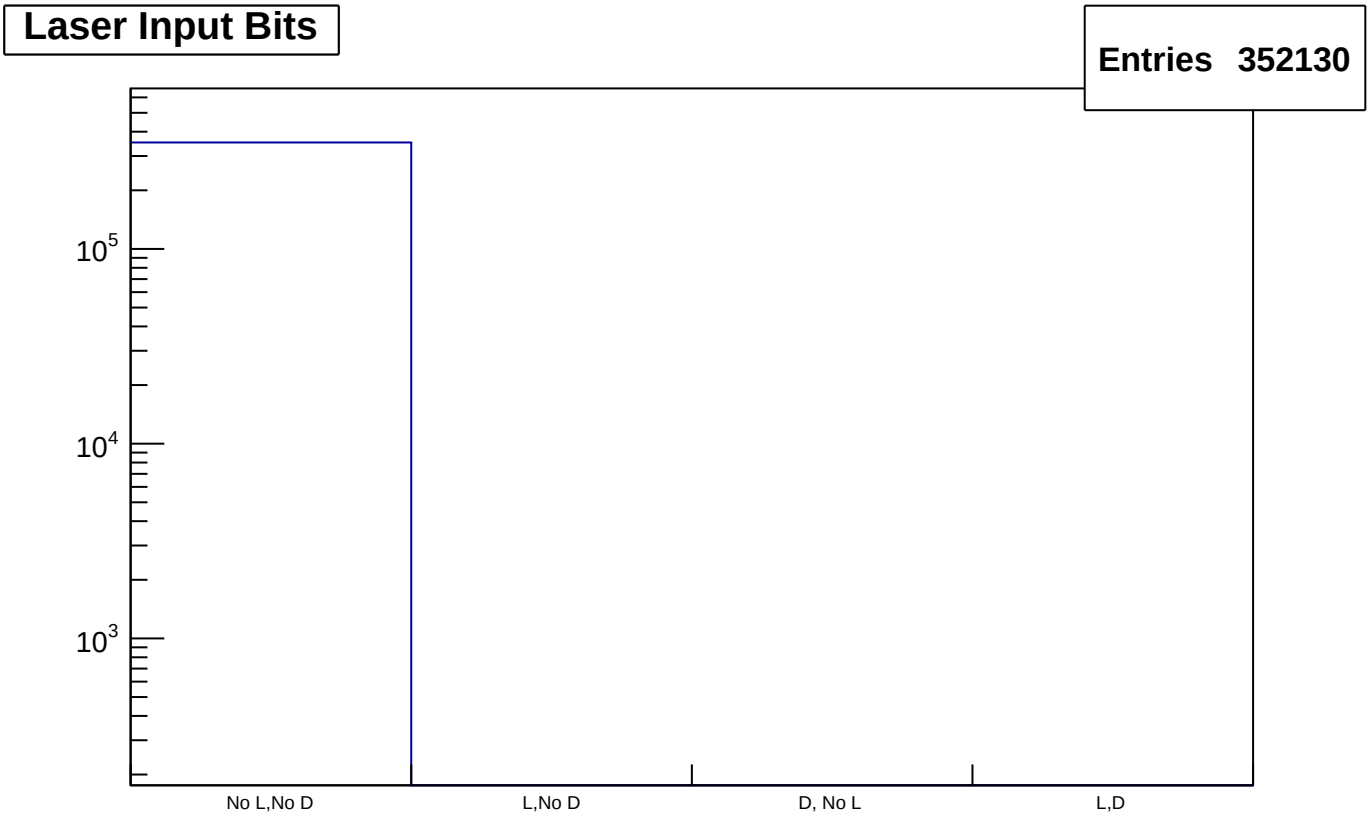

Entries 352130
TOF-Mult
VPD-West ADC Sum

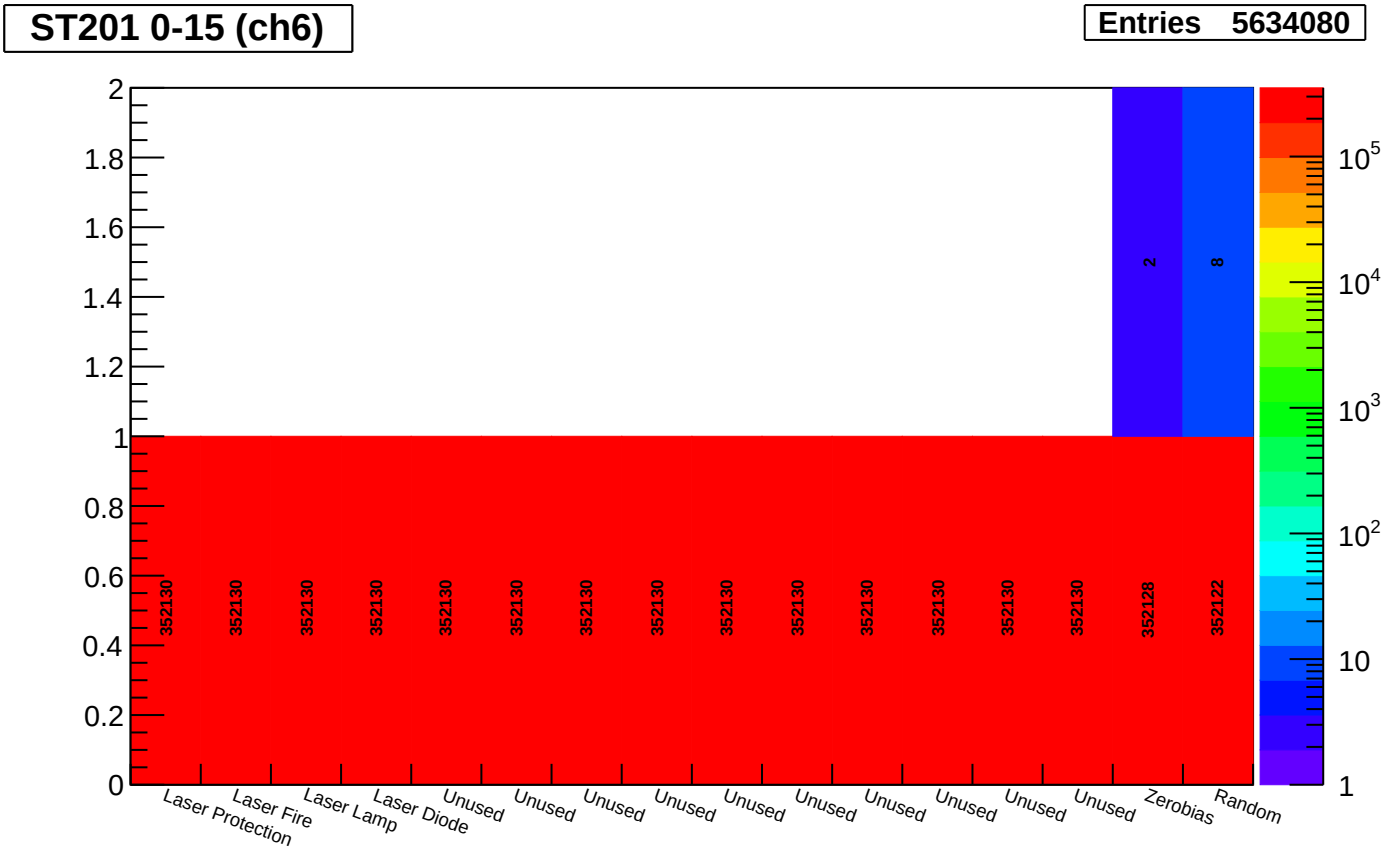

Entries 352130
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

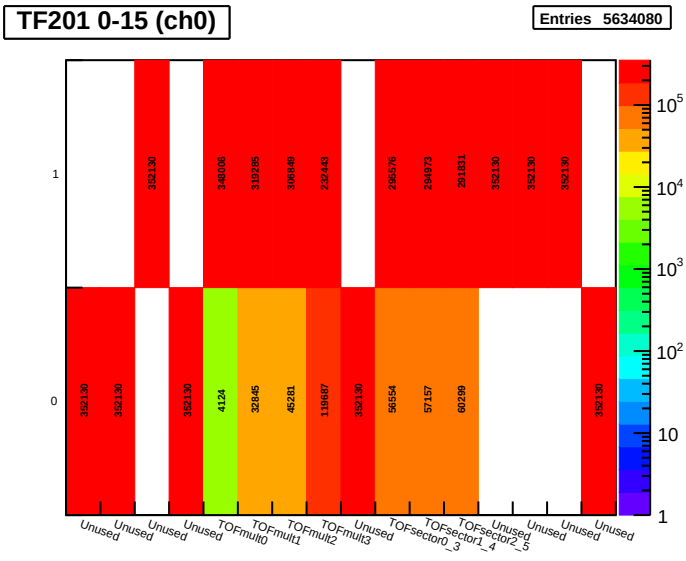

Entries 352130
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

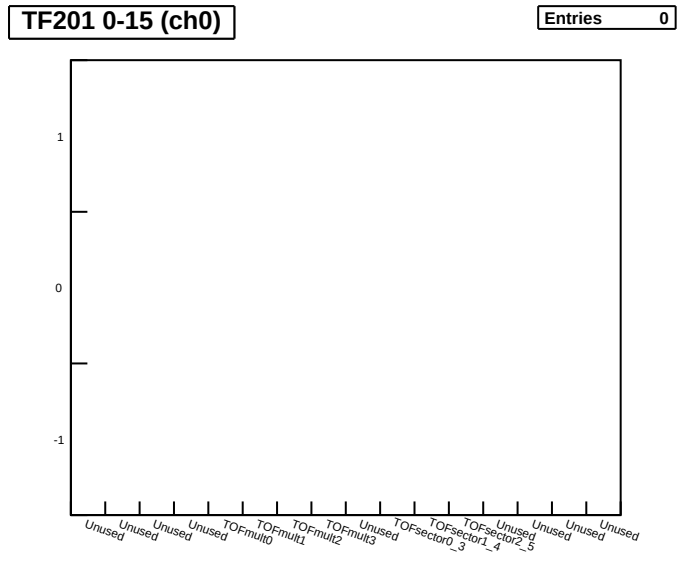

Entries 352130
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

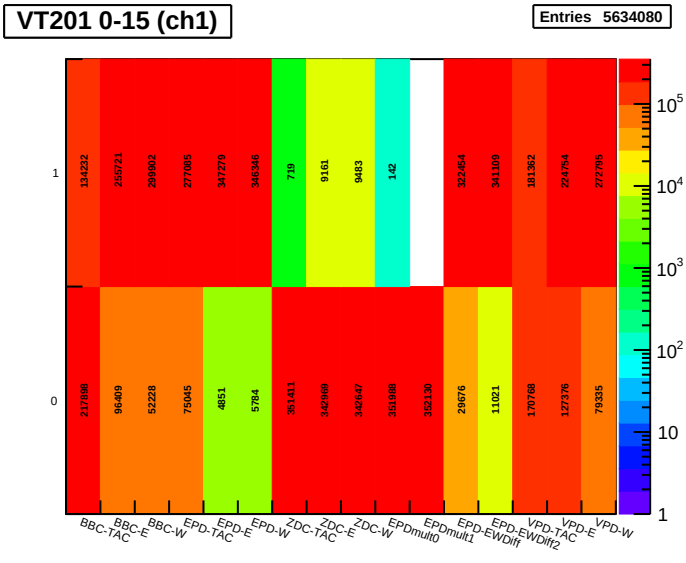

Entries 352130
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

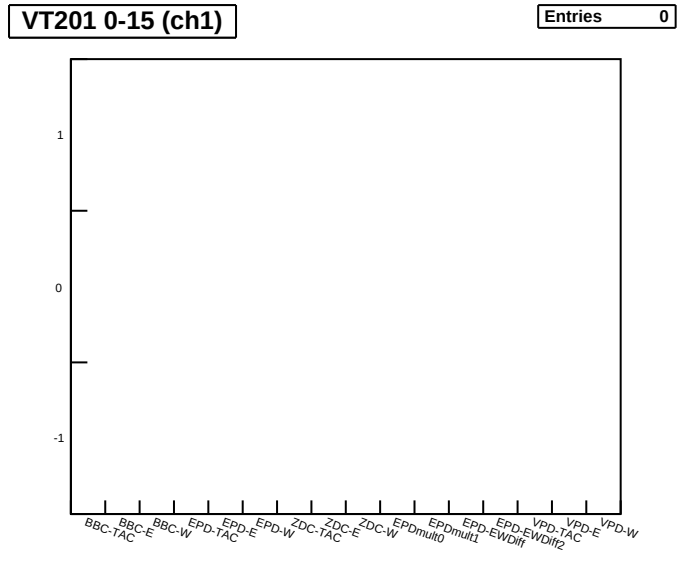

Laser Input Bits
Entries 352130
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

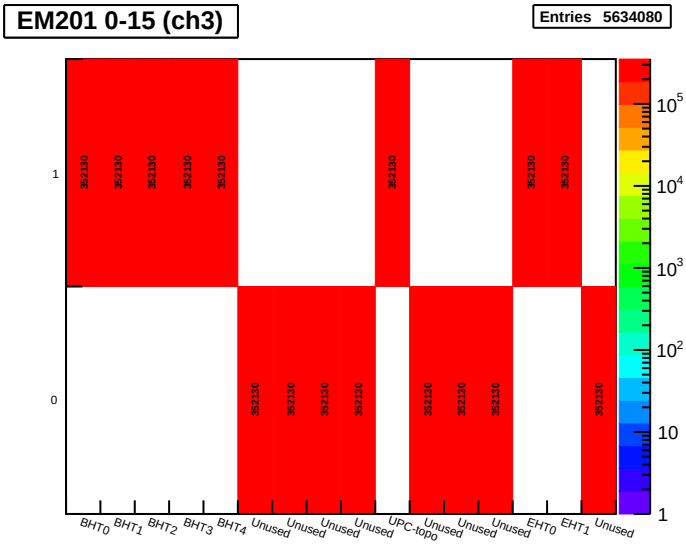

ST201 0-15 (ch6)
Entries 5634080
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
352130
352128
352122
2
8
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

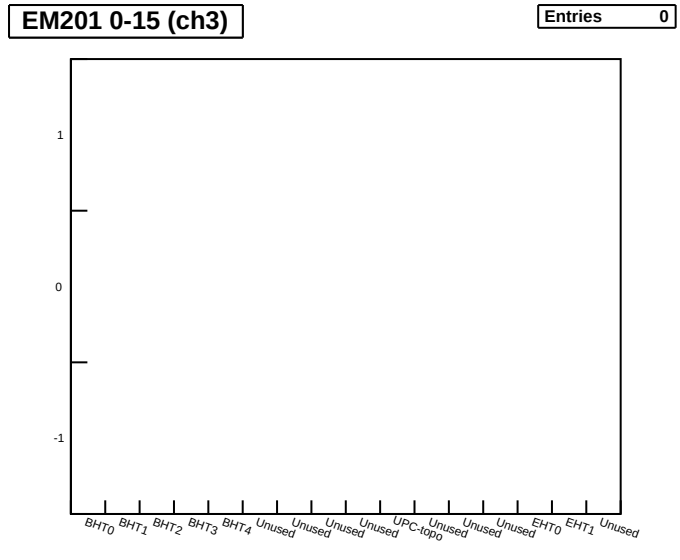

TF201 0-15 (ch0)
Entries 5634080
1
0
352130 352130 352130 352130 348006 319285 306849 232443 295576 294973 291831 352130 352130 352130
352130 352130 352130 4124 32845 45261 119687 352130 56554 57157 60299 352130
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 5634080
1
0
134232 255721 299902 277085 347279 346346 719 9161 9483 142 322454 341109 181362 224754 272795
217898 96409 52228 75045 4851 5784 351411 342969 342647 331988 352130 29676 11021 170768 127376 79335
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 5634080
1
0
352130 352130 352130 352130 352130 352130 352130 352130
352130 352130 352130 352130 352130 352130 352130 352130
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused