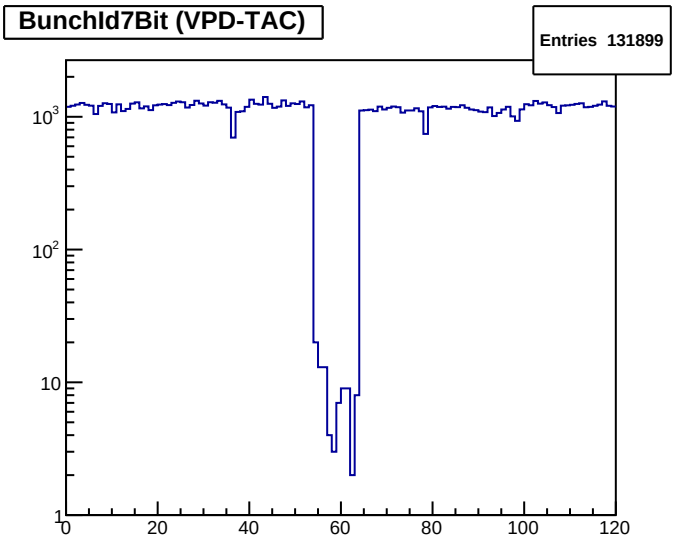
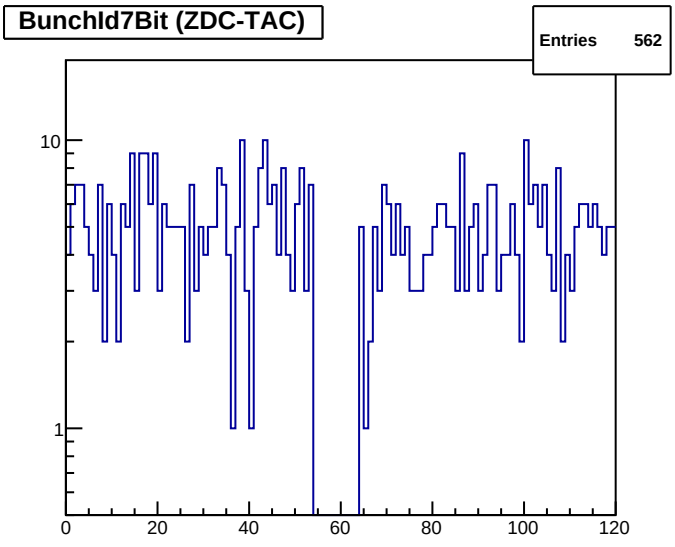
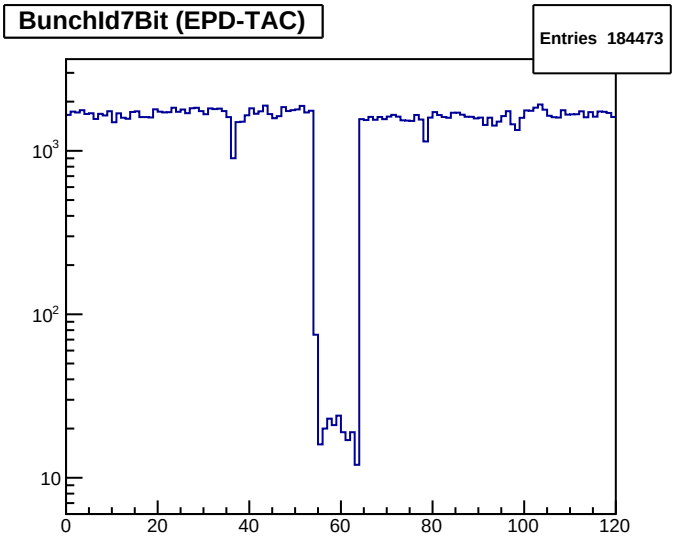
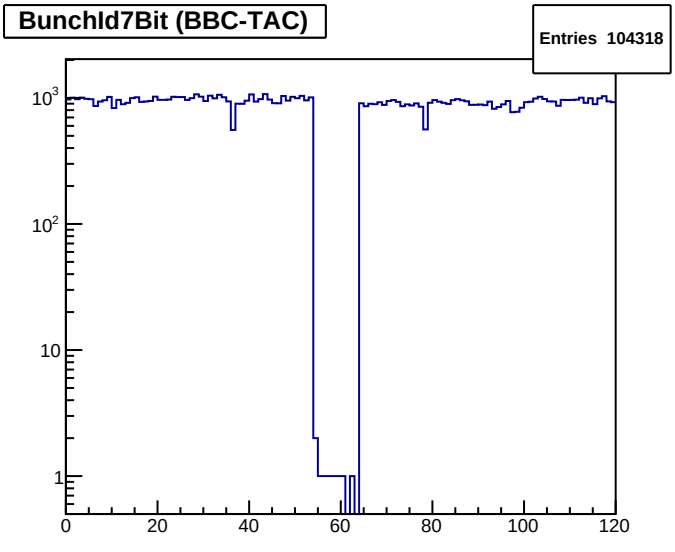
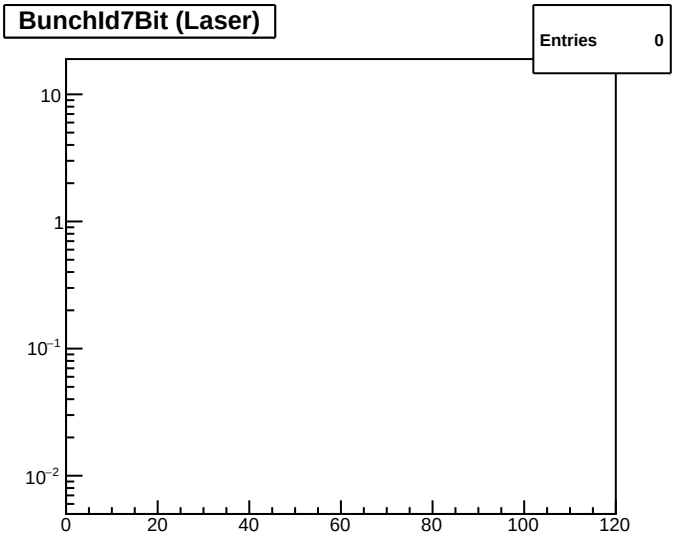
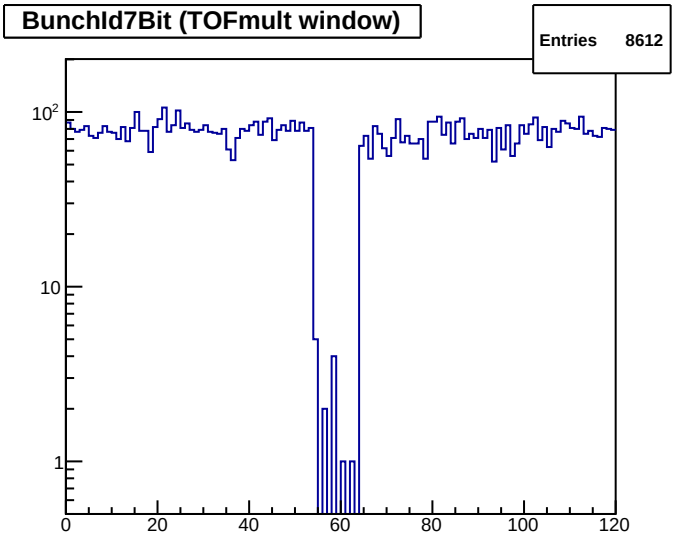

BunchId7Bit (VPD-TAC)
Entries 131899

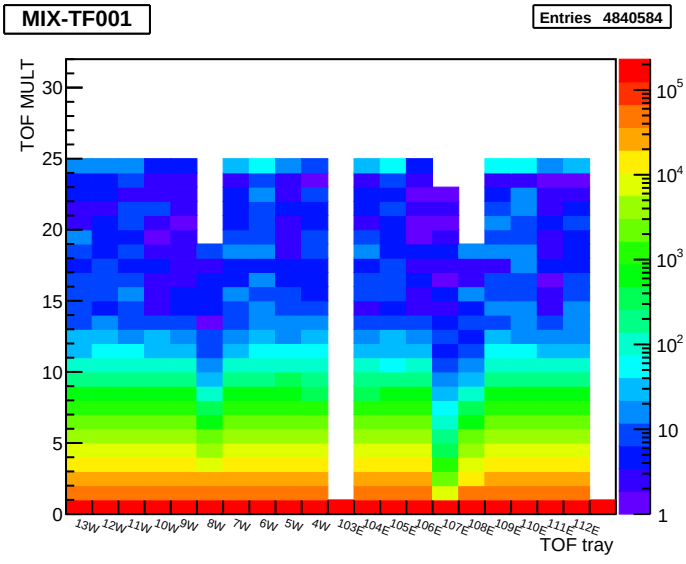

BunchId7Bit (ZDC-TAC)
Entries 562

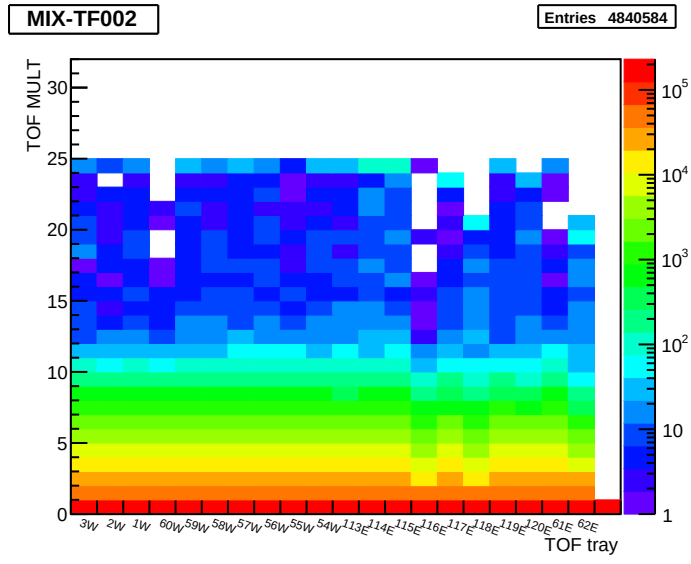

BunchId7Bit (EPD-TAC)
Entries 184473

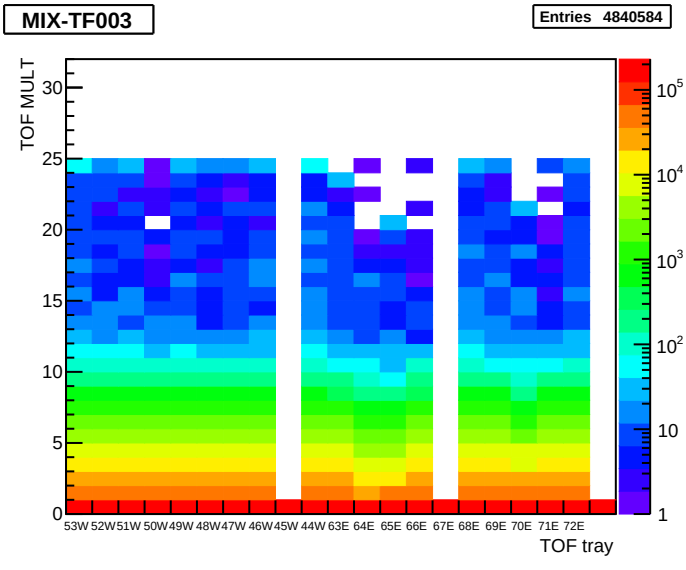

BunchId7Bit (BBC-TAC)
Entries 104318

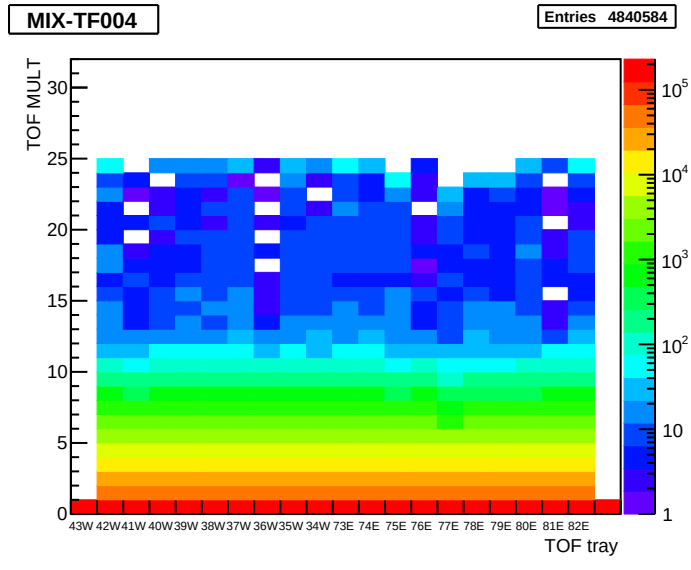

BunchId7Bit (Laser)
Entries 0

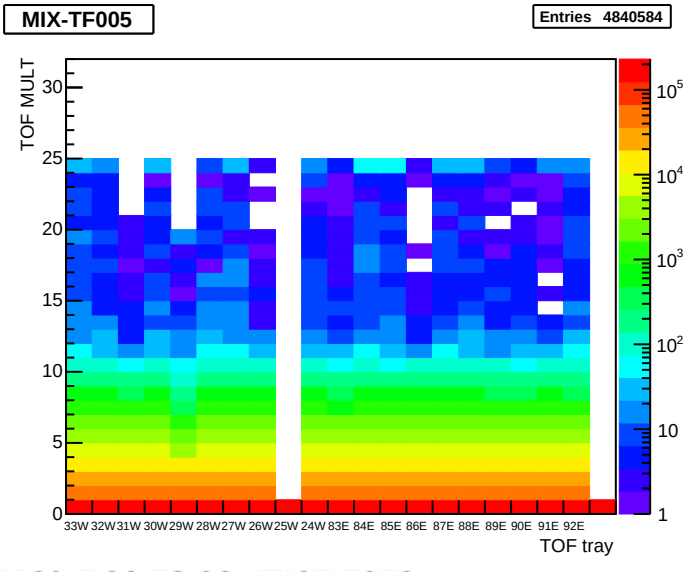

BunchId7Bit (TOFmult window)
Entries 8612

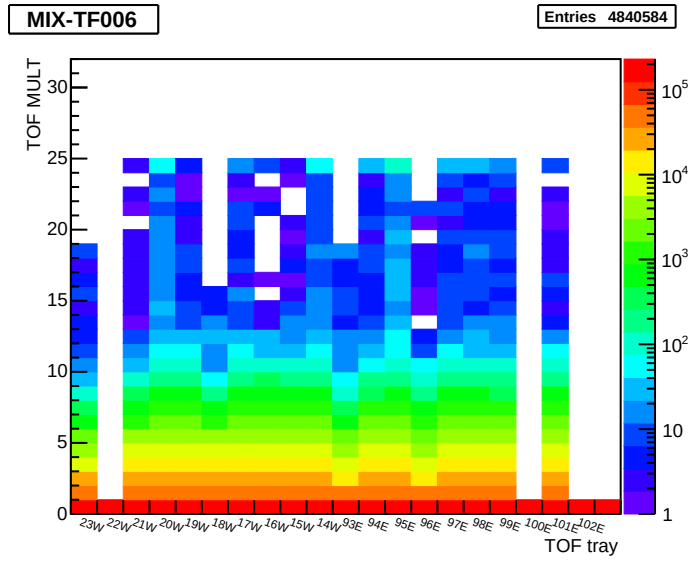

MIX-TF001
Entries 4840584
TOF MULT
TOF tray

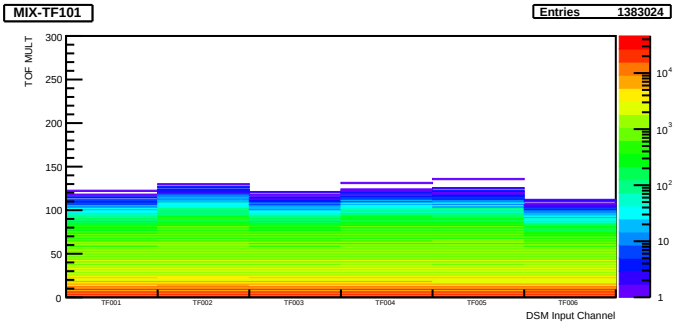

MIX-TF002
Entries 4840584
TOF MULT
TOF tray

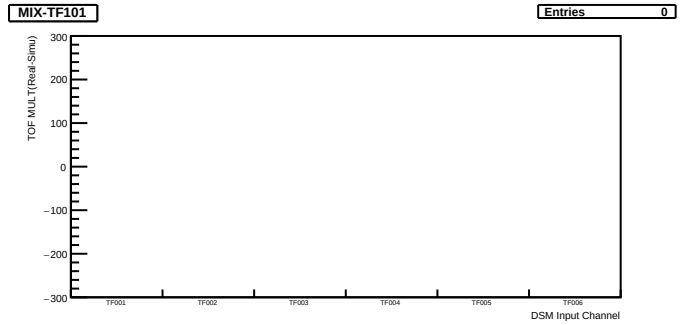

MIX-TF003
Entries 4840584
TOF MULT
TOF tray

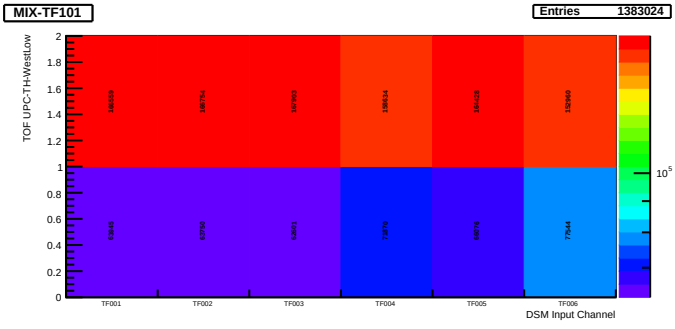

MIX-TF004
Entries 4840584
TOF MULT
TOF tray

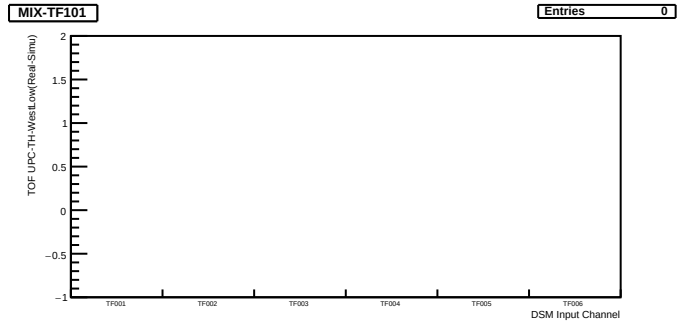

MIX-TF005
Entries 4840584
TOF MULT
TOF tray

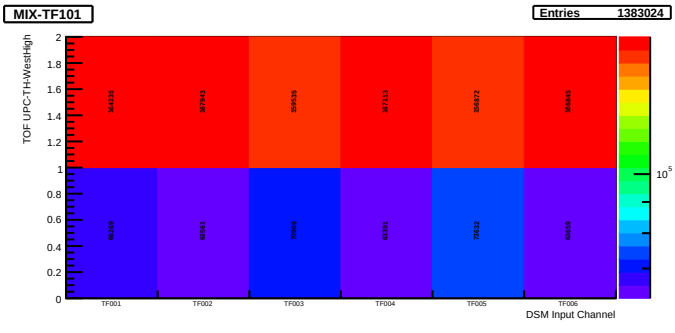

MIX-TF006
Entries 4840584
TOF MULT
TOF tray

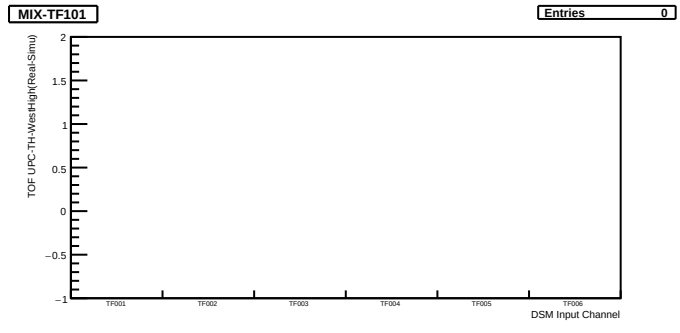

MIX-TF101
Entries 1383024
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

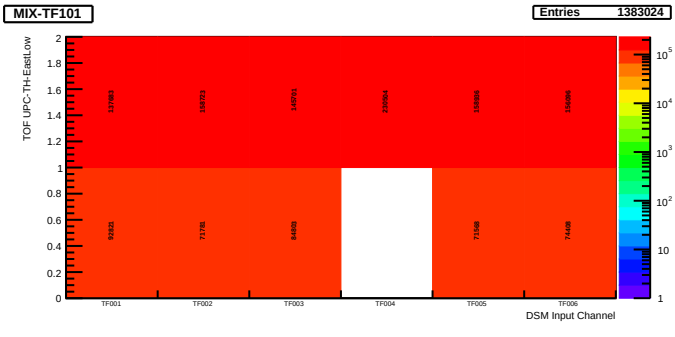

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

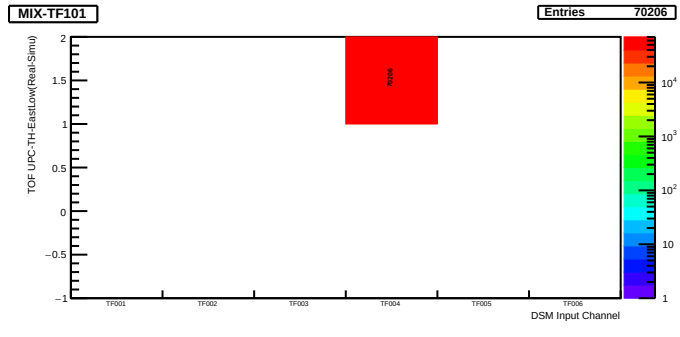

MIX-TF101
Entries 1383024
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

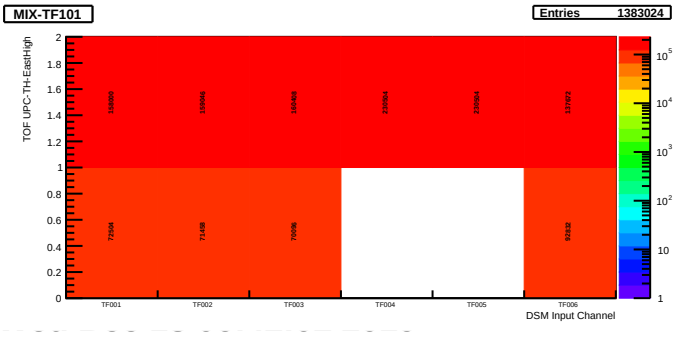

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

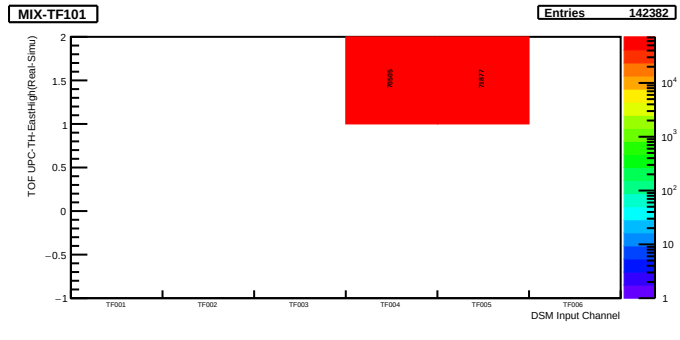

MIX-TF101
Entries 1383024
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

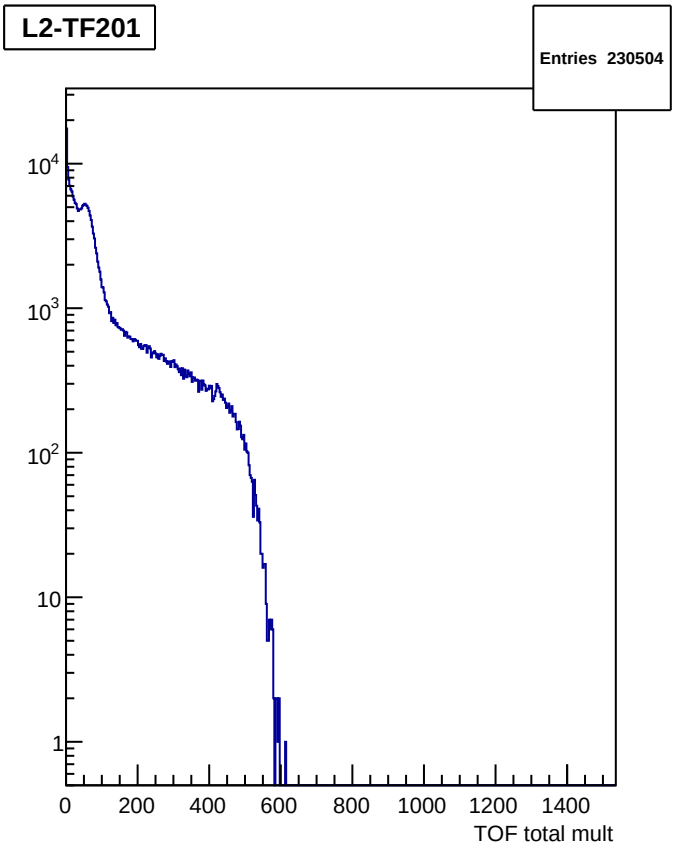

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

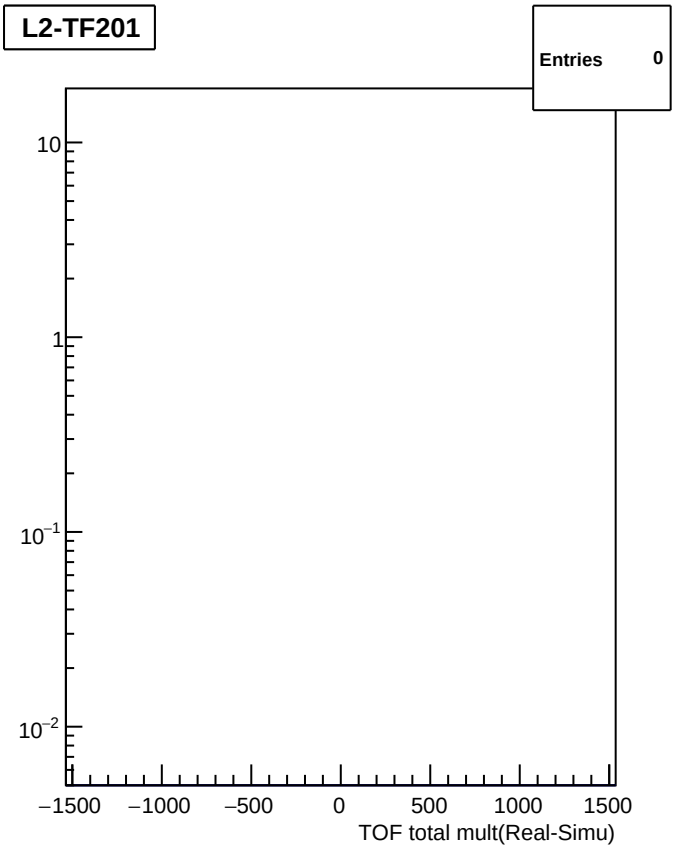

MIX-TF101
Entries 1383024
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

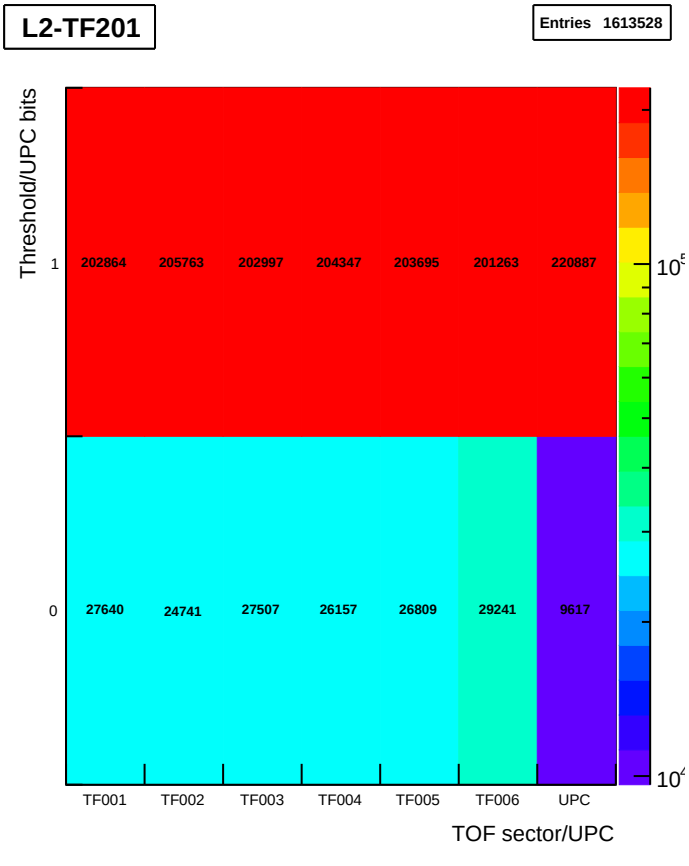

MIX-TF101
Entries 70206
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

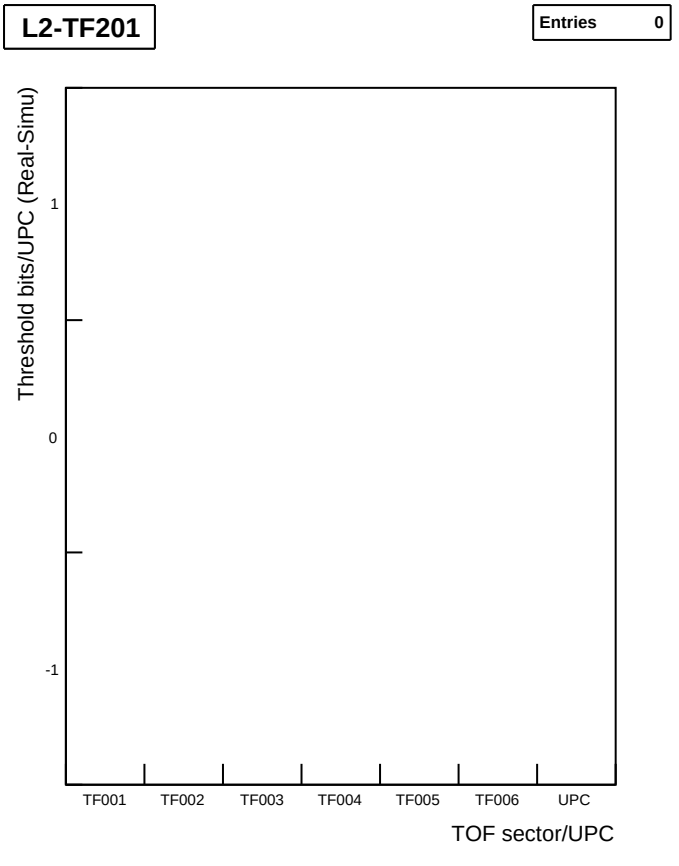

MIX-TF101
Entries 1383024
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

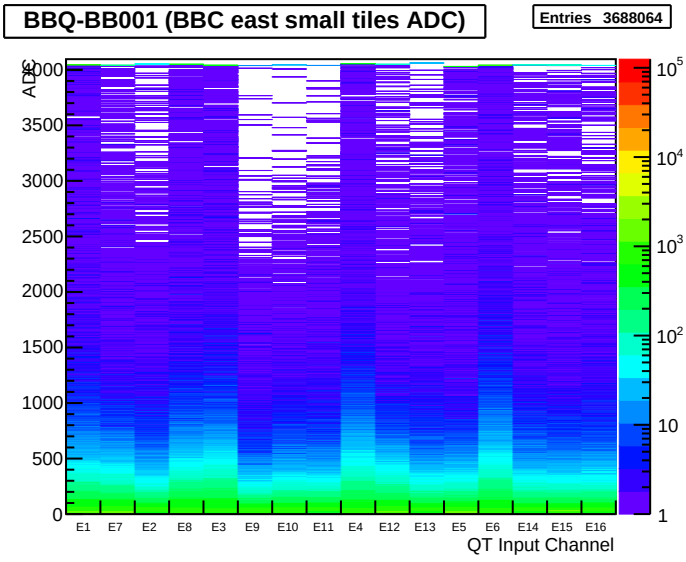

MIX-TF101
Entries 142382
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

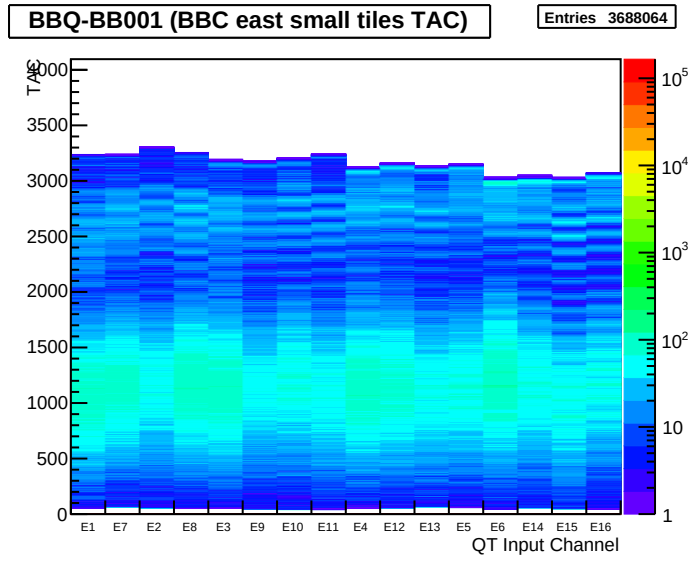

L2-TF201
Entries 230504
TOF total mult

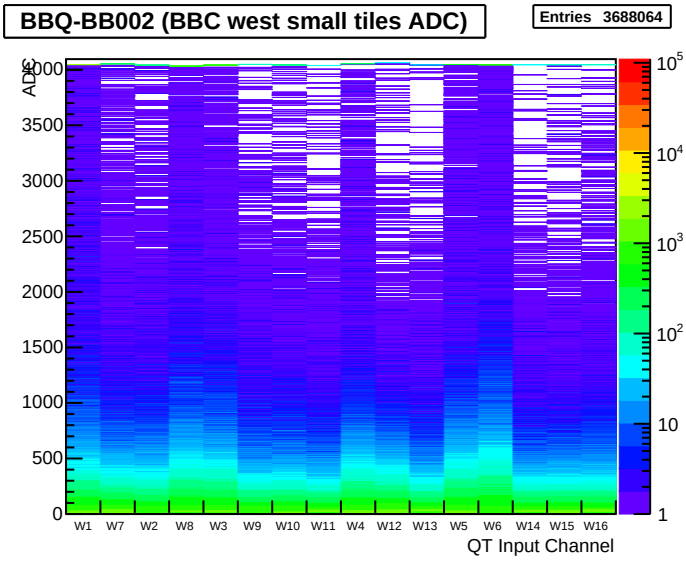

L2-TF201
Entries 0
TOF total mult(Real-Simu)

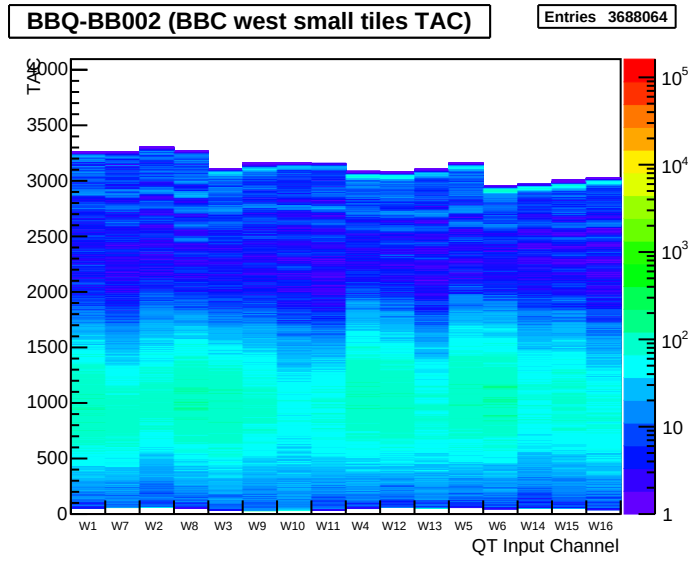

L2-TF201
Entries 1613528
Threshold/UPC bits
202864
205763
202997
204347
203695
201263
220887
27640
24741
27507
26157
26809
29241
9617
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

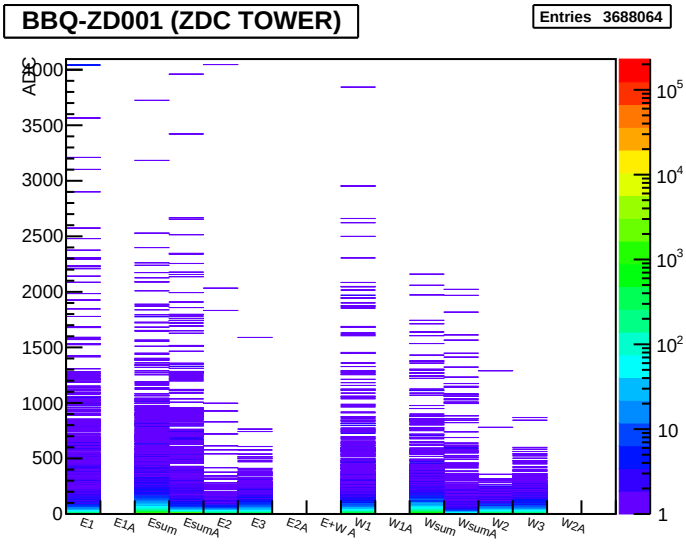

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

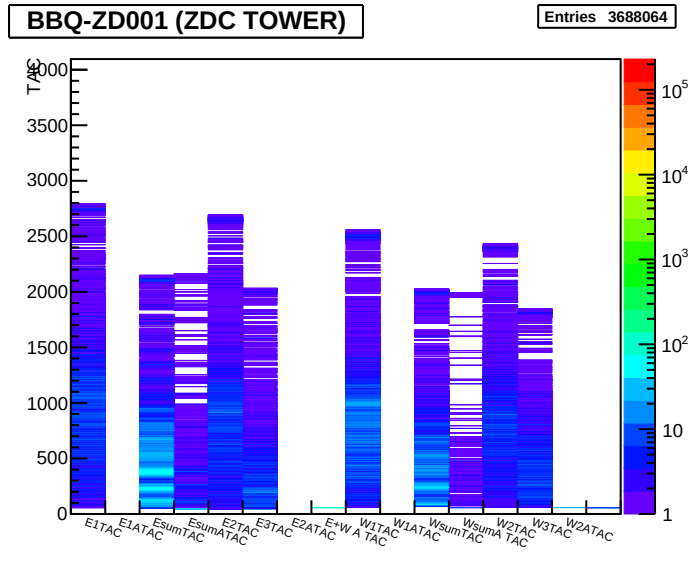

BBQ-BB001 (BBC east small tiles ADC)
Entries 3688064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

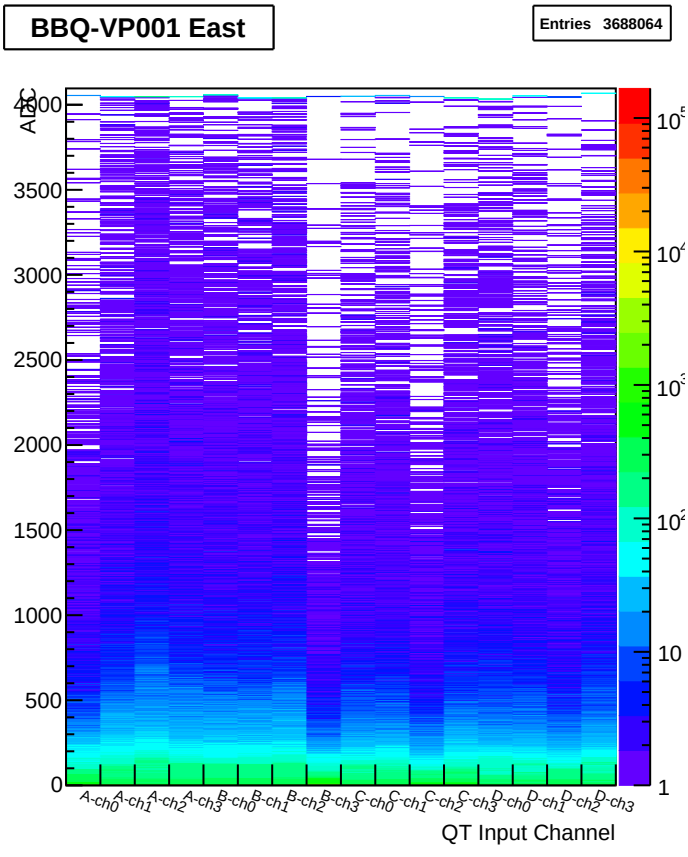

BBQ-BB001 (BBC east small tiles TAC)
Entries 3688064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

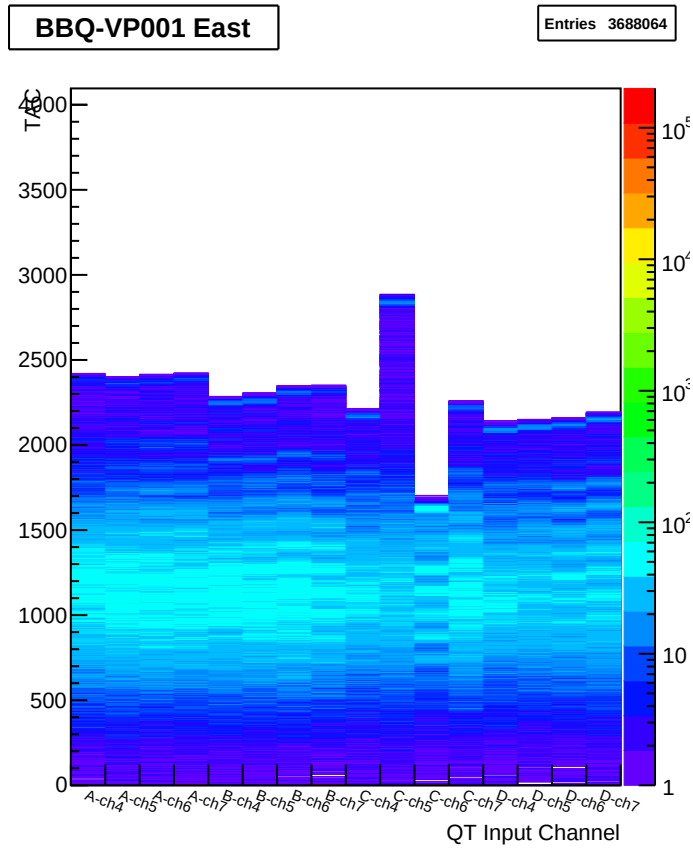

BBQ-BB002 (BBC west small tiles ADC)
Entries 3688064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

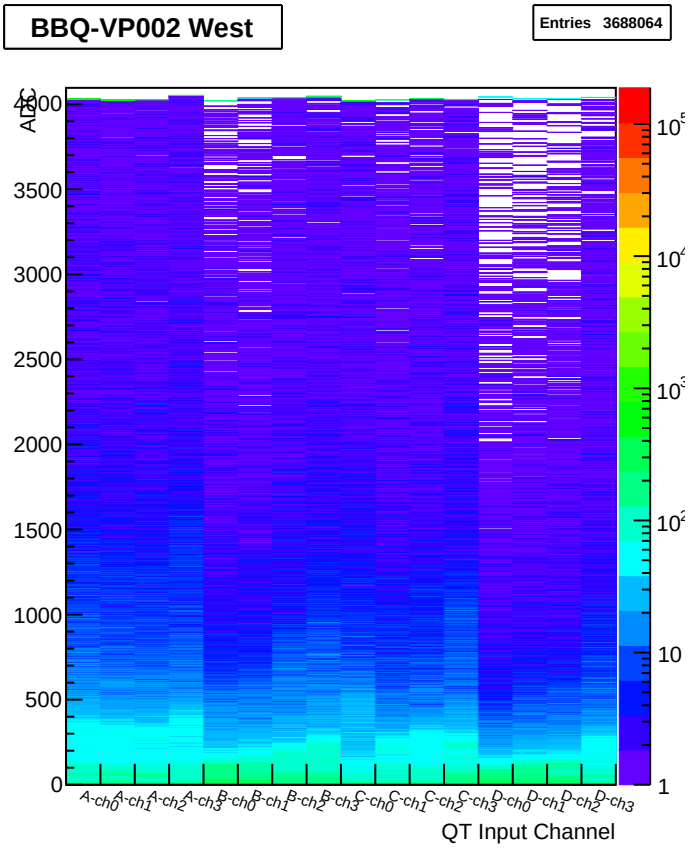

BBQ-BB002 (BBC west small tiles TAC)
Entries 3688064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

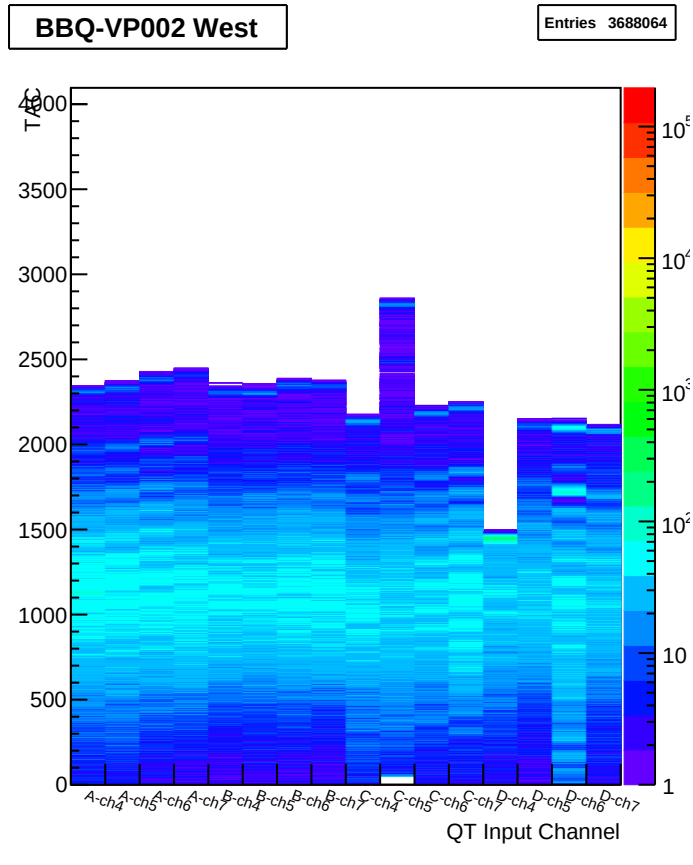

BBQ-ZD001 (ZDC TOWER)
Entries 3688064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

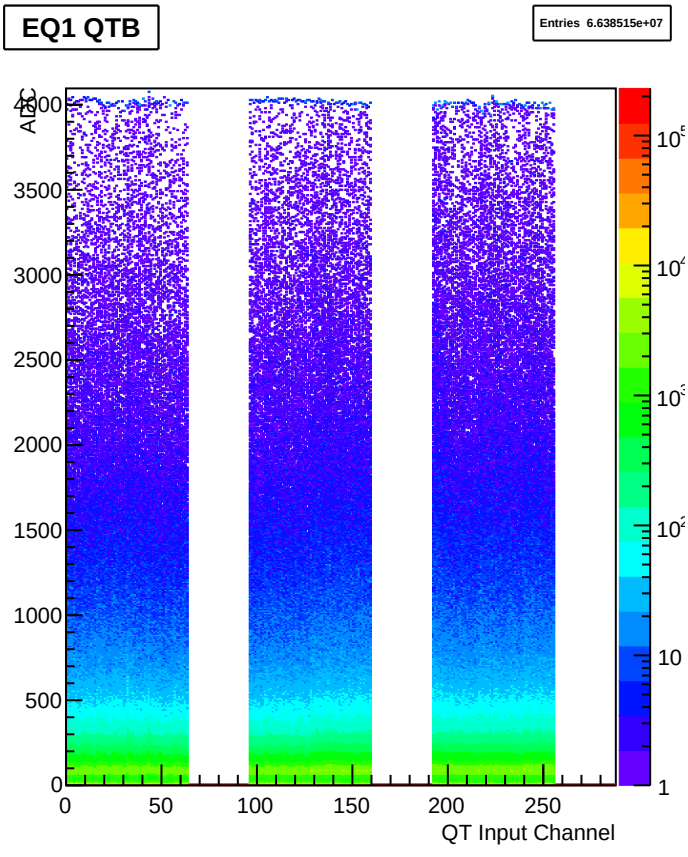

BBQ-ZD001 (ZDC TOWER)
Entries 3688064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

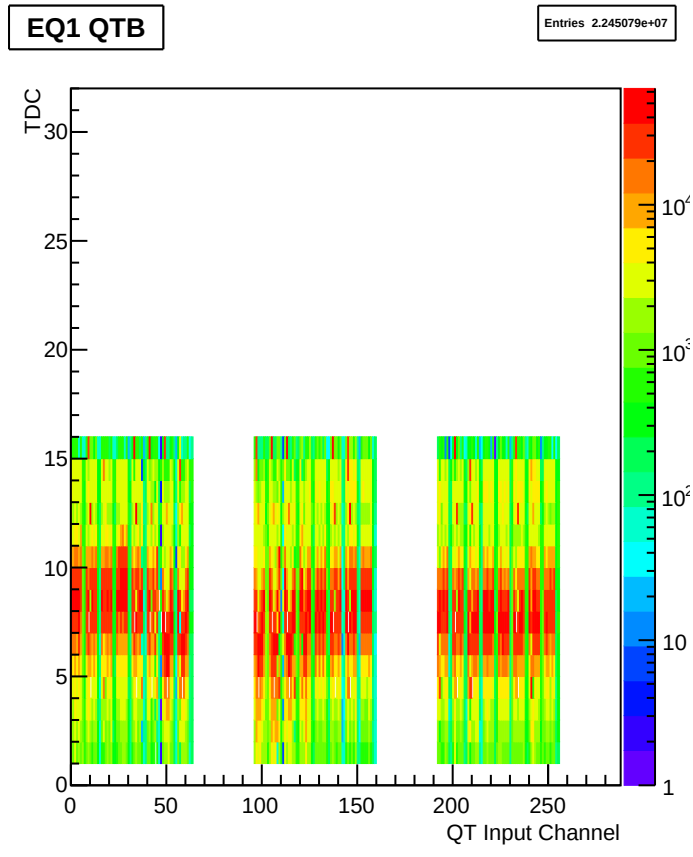

BBQ-VP001 East
Entries 3688064
ADC
QT Input Channel

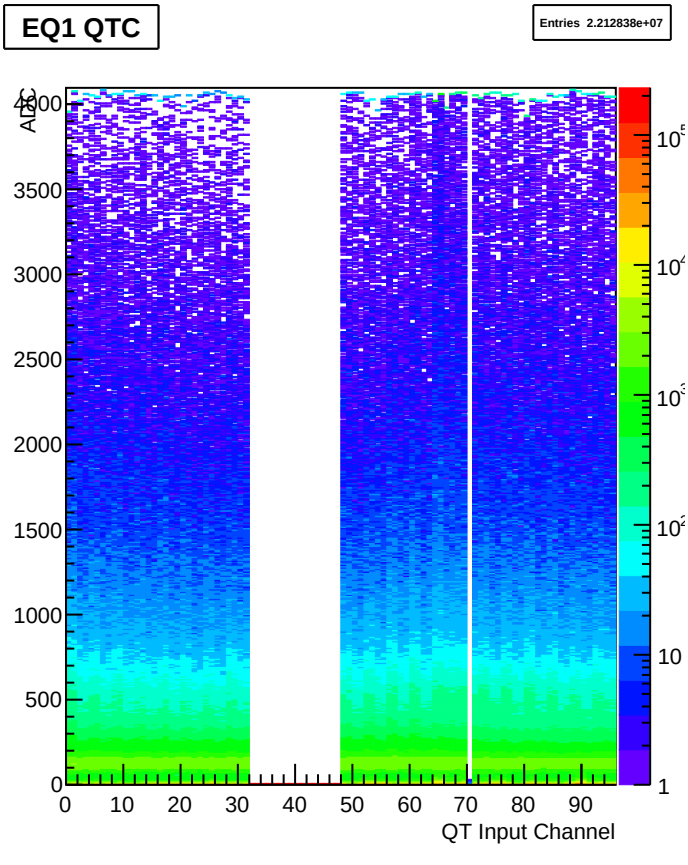

BBQ-VP001 East
Entries 3688064
TADC
QT Input Channel

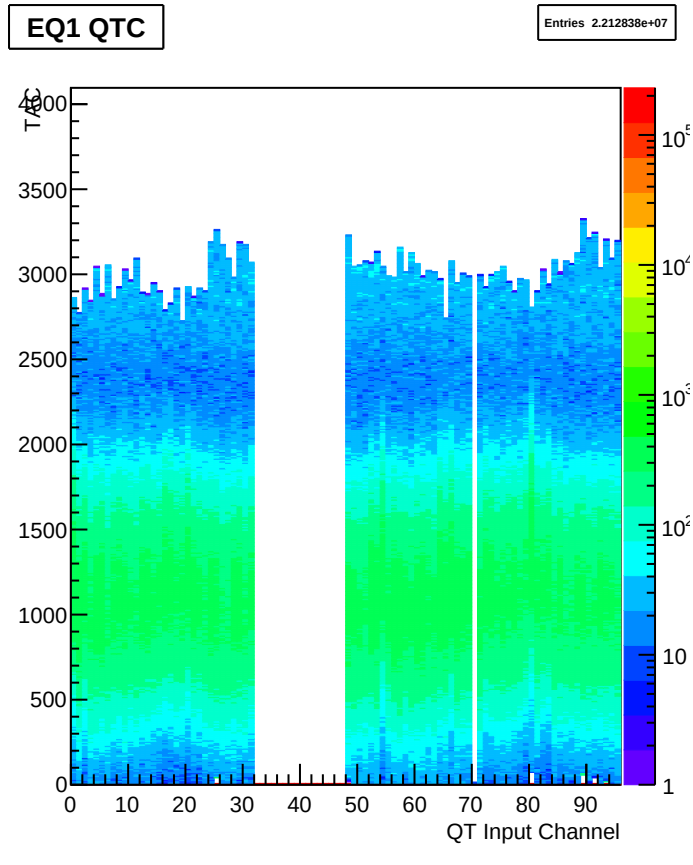

BBQ-VP002 West
Entries 3688064
ADC
QT Input Channel

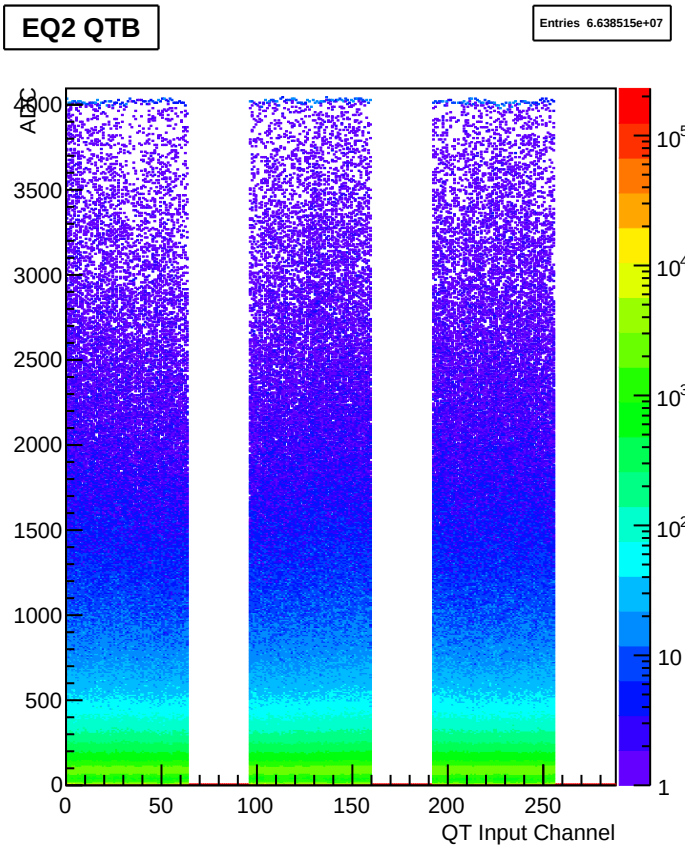

BBQ-VP002 West
Entries 3688064
TADC
QT Input Channel

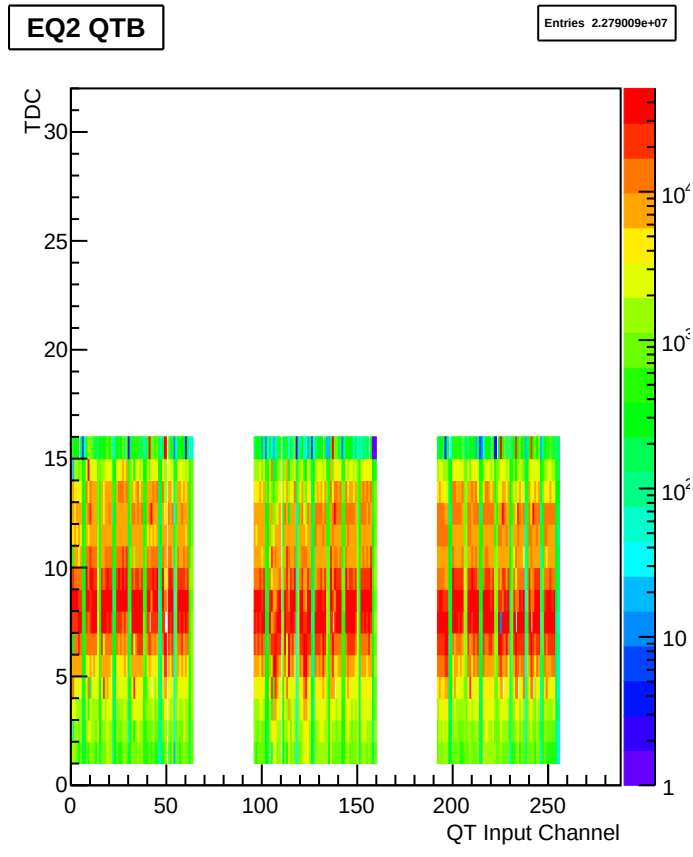

EQ1 QTB
Entries 6.638515e+07
ADC
QT Input Channel

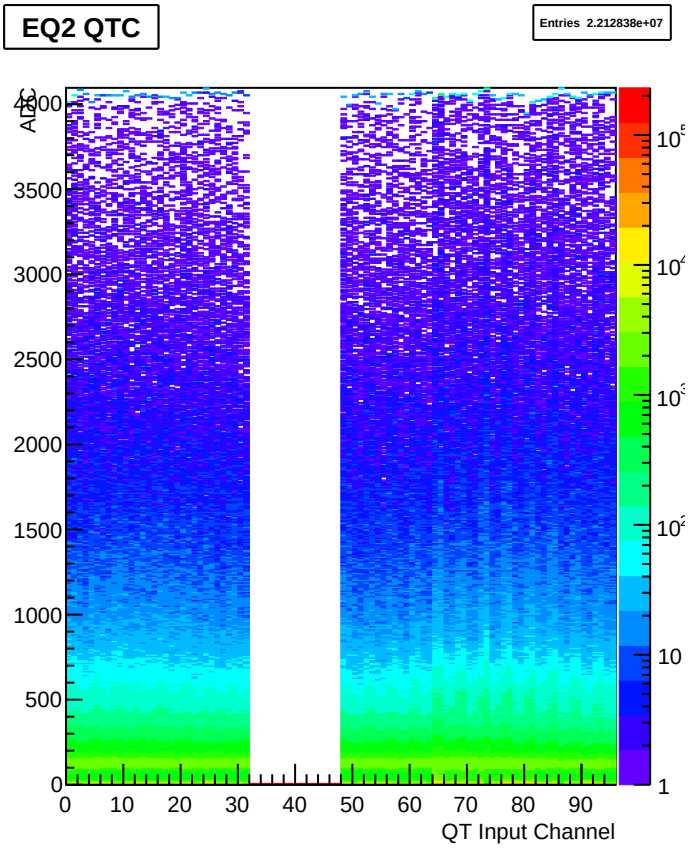

EQ1 QTB
Entries 2.245079e+07
TDC
QT Input Channel

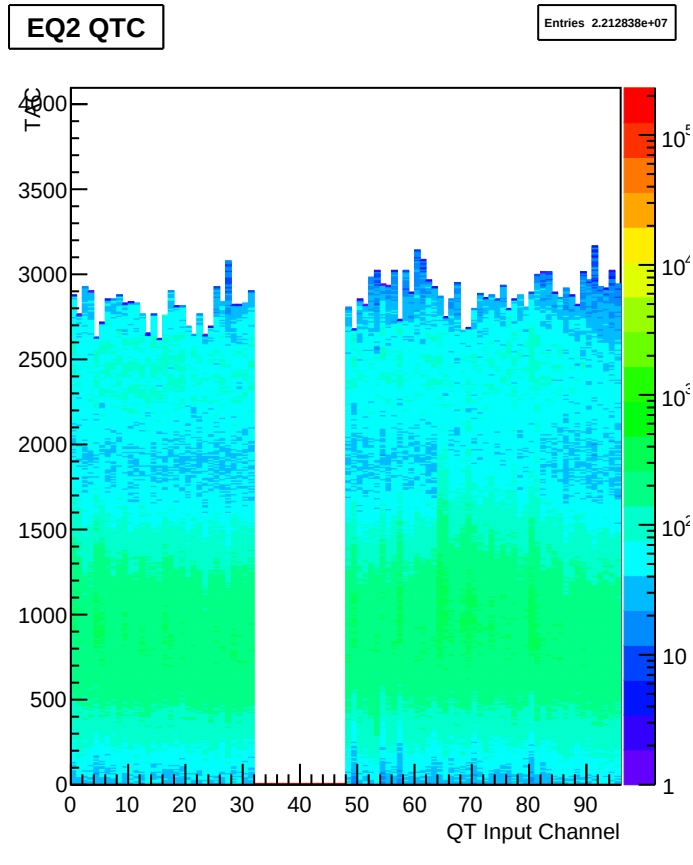

EQ1 QTC
Entries 2.212838e+07
ADC
QT Input Channel

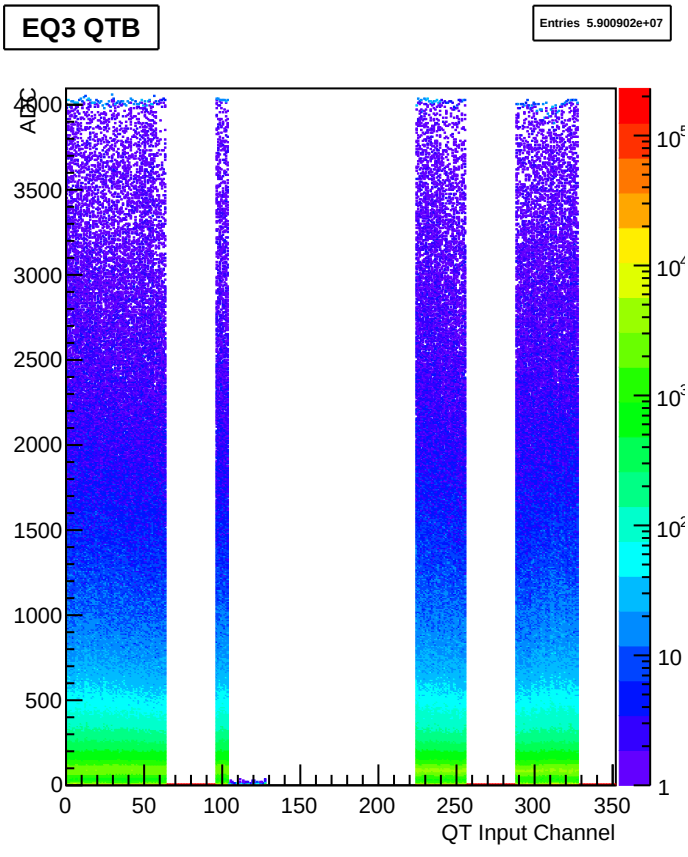

EQ1 QTC
Entries 2.212838e+07
TADC
QT Input Channel

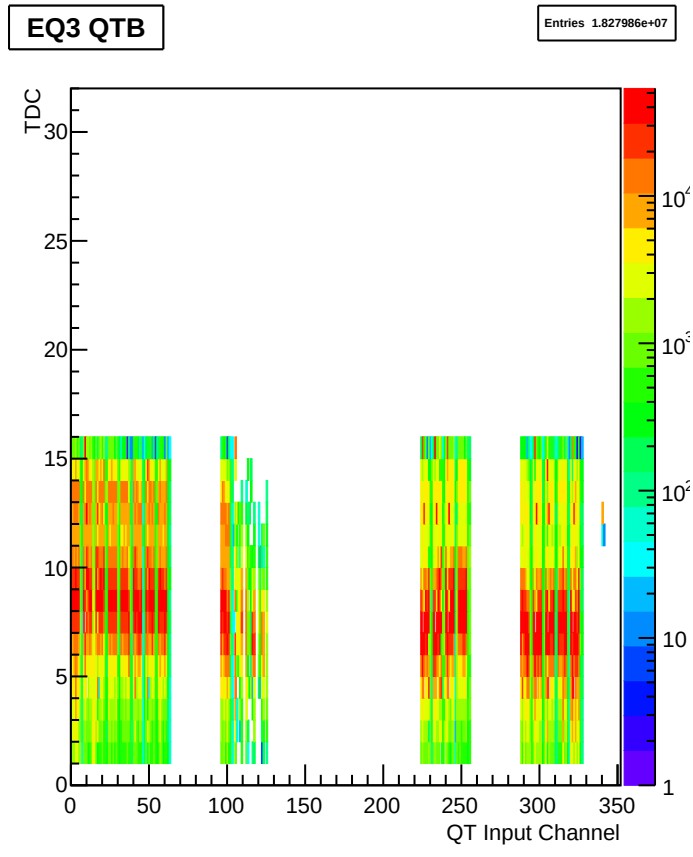

EQ2 QTB
Entries 6.638515e+07
ADC
QT Input Channel

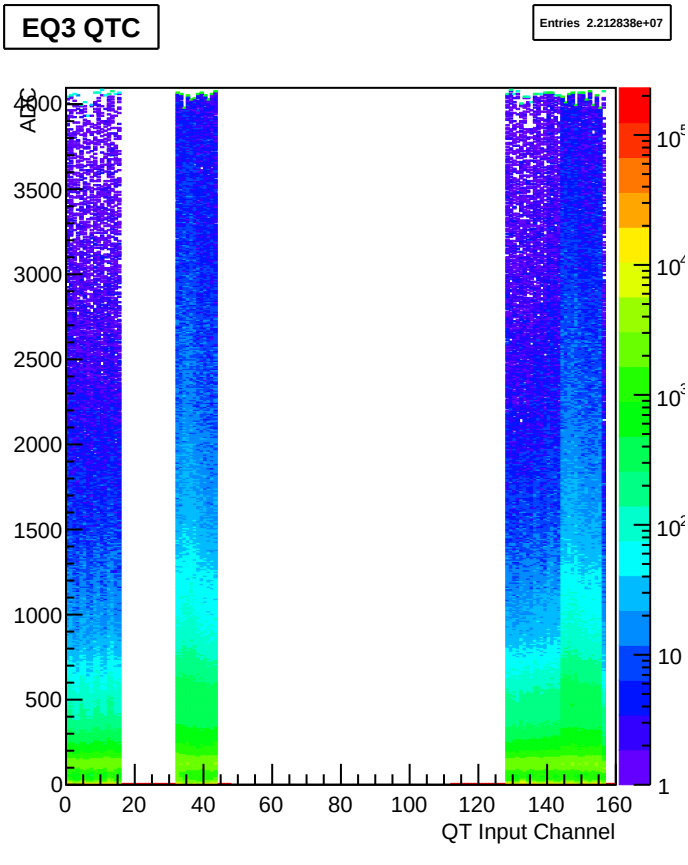

EQ2 QTB
Entries 2.279009e+07
TDC
QT Input Channel

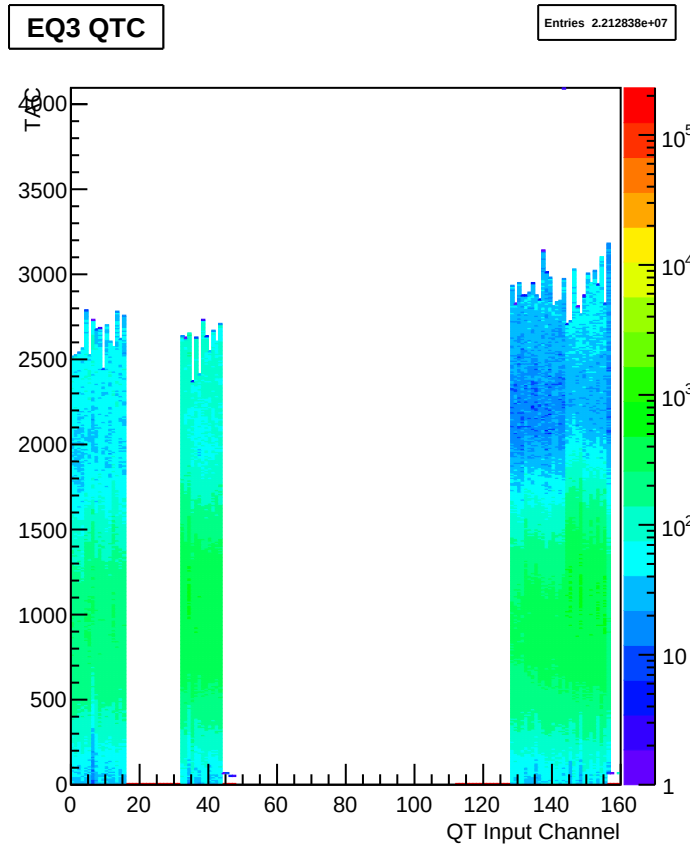

EQ2 QTC
Entries 2.212838e+07
ADC
QT Input Channel

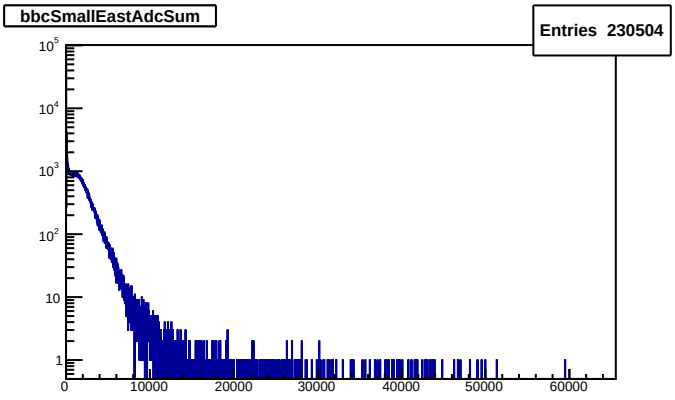

EQ2 QTC
Entries 2.212838e+07
TADC
QT Input Channel

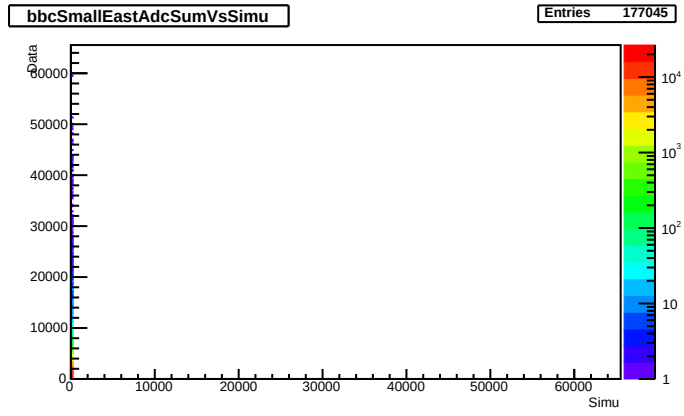

EQ3 QTB
Entries 5.900902e+07
ADC
QT Input Channel

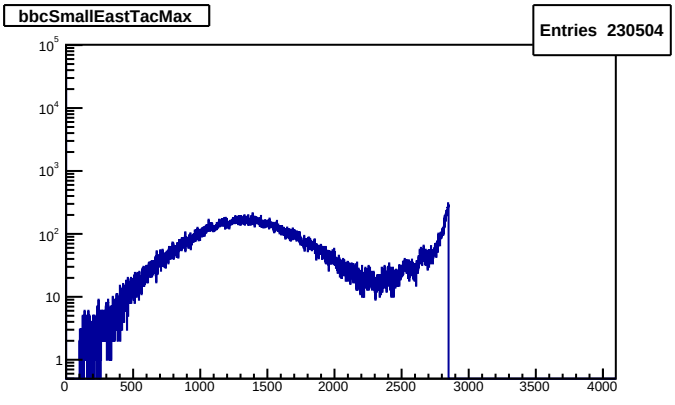

EQ3 QTB
Entries 1.827986e+07
TDC
QT Input Channel

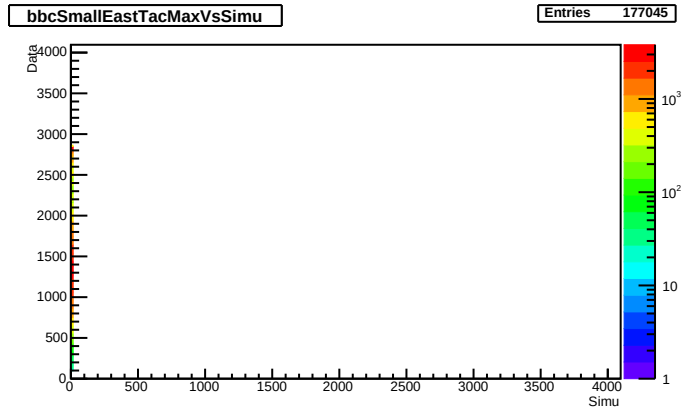

EQ3 QTC
Entries 2.212838e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.212838e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 230504


bbcSmallEastAdcSumVsSimu
Entries 177045
Data
Simu


bbcSmallEastTacMax
Entries 230504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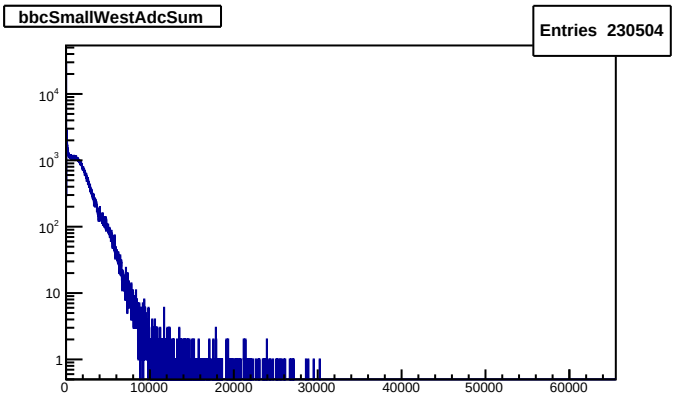
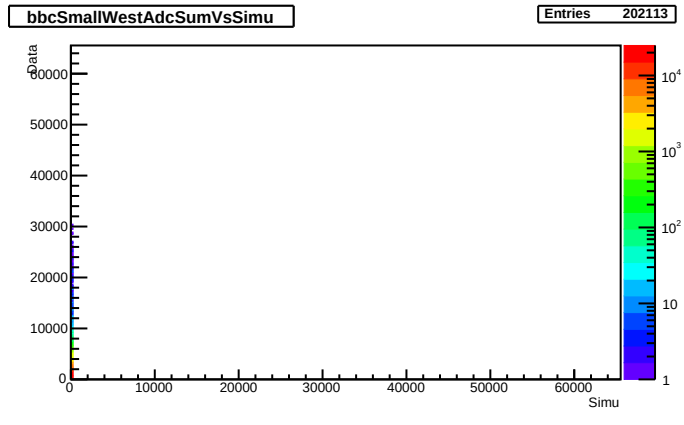
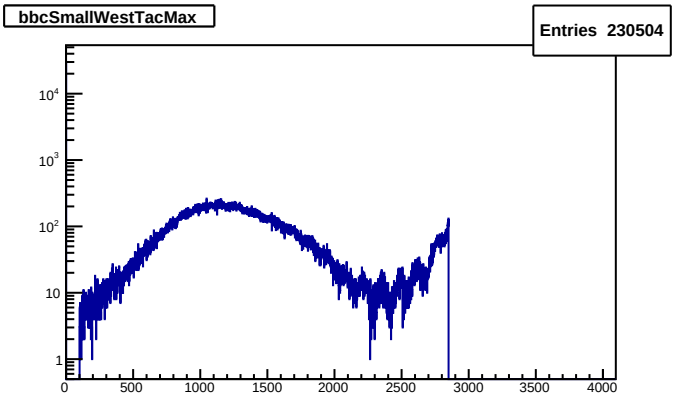
Entries 177045
Data
Simu


bbcSmallWestAdcSum
Entries 230504


bbcSmallWestAdcSumVsSimu
Entries 202113
Data
Simu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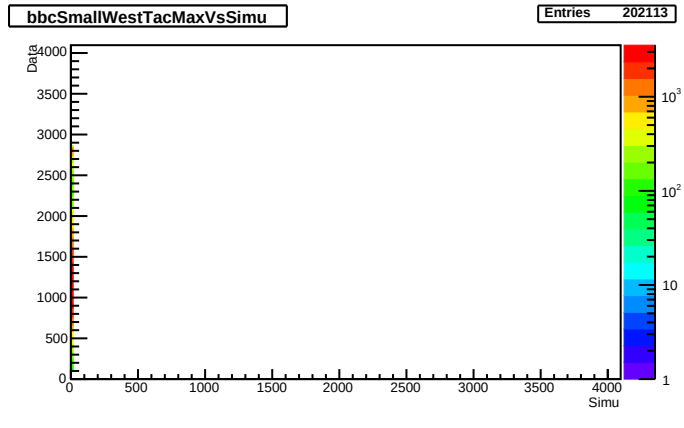
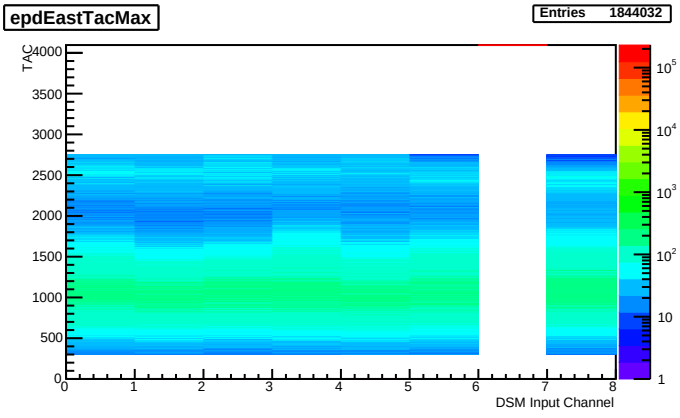
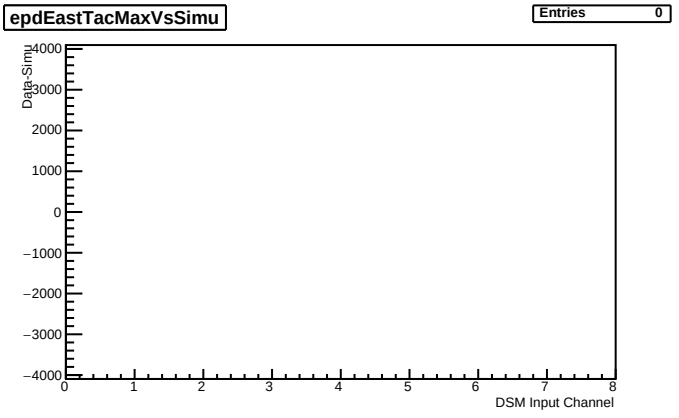
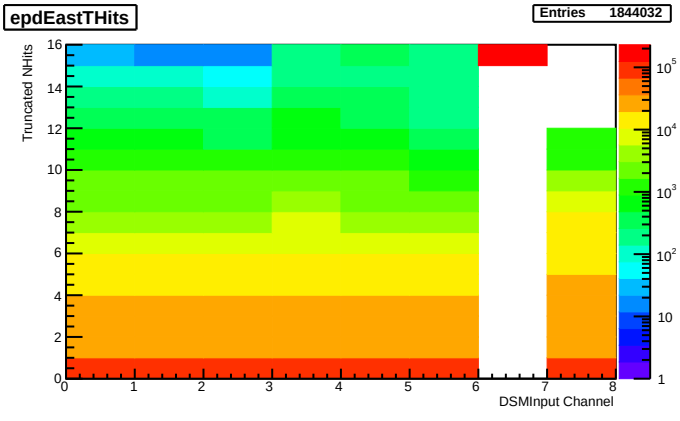
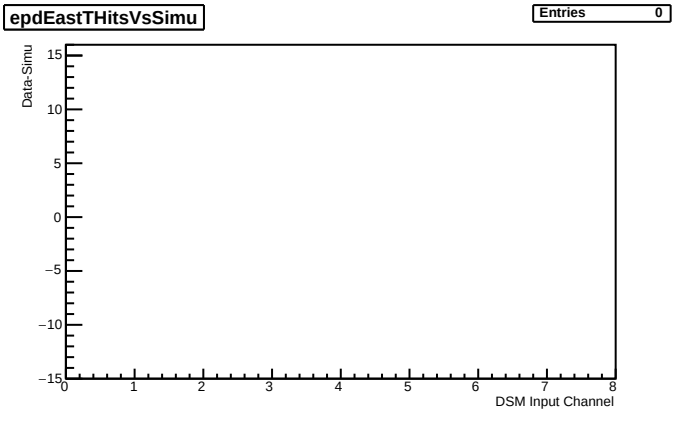
Entries 230504


bbcSmallWestTacMaxVsSimu
Entries 202113
Data
Simu


epdEastTacMax
Entries 1844032
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1844032
Truncated NHits
DSMInput Channel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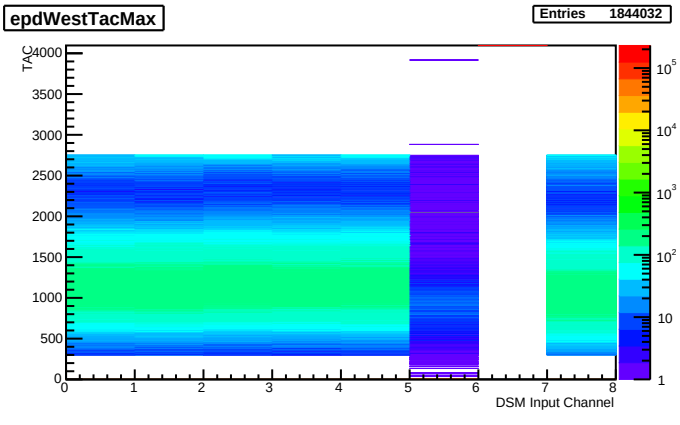
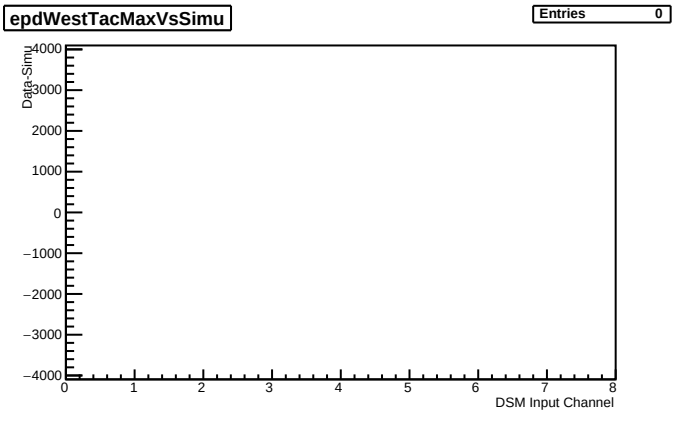
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1844032
TAC
DSM Input Channel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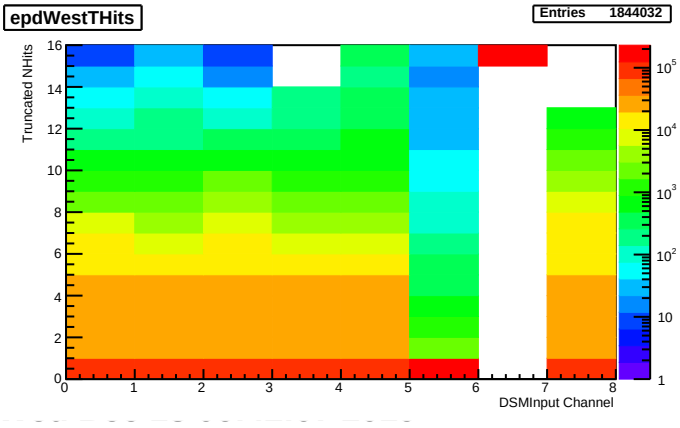
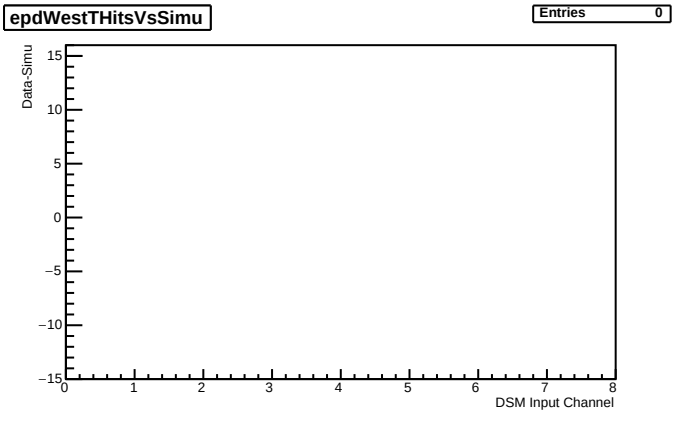
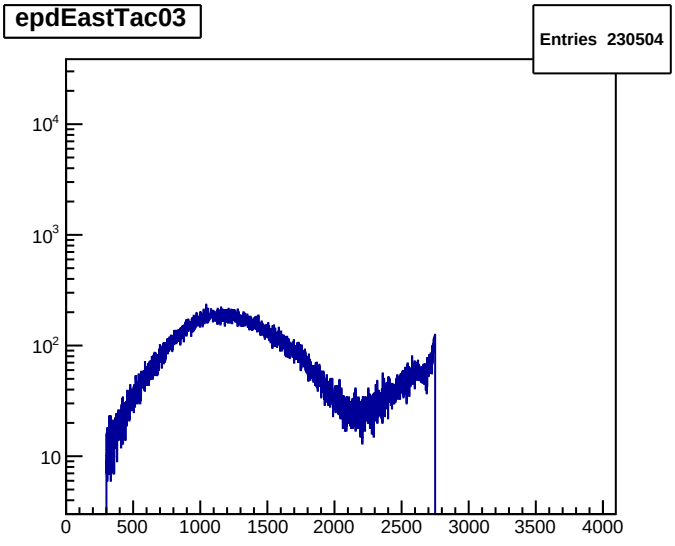
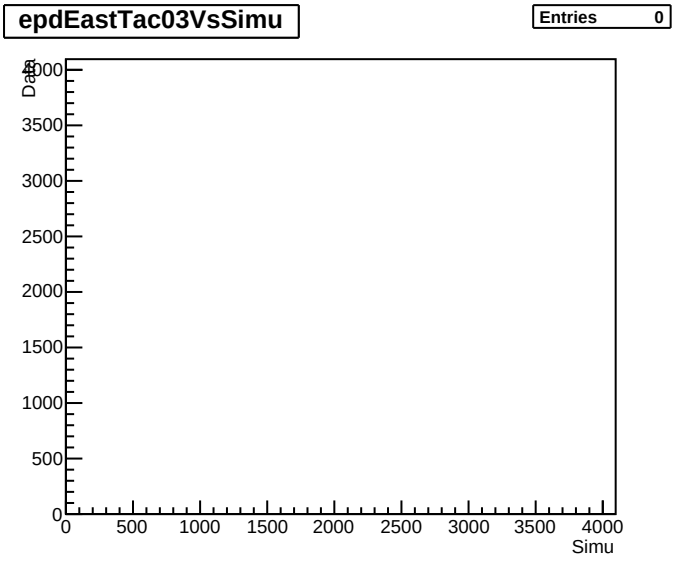
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1844032
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 230504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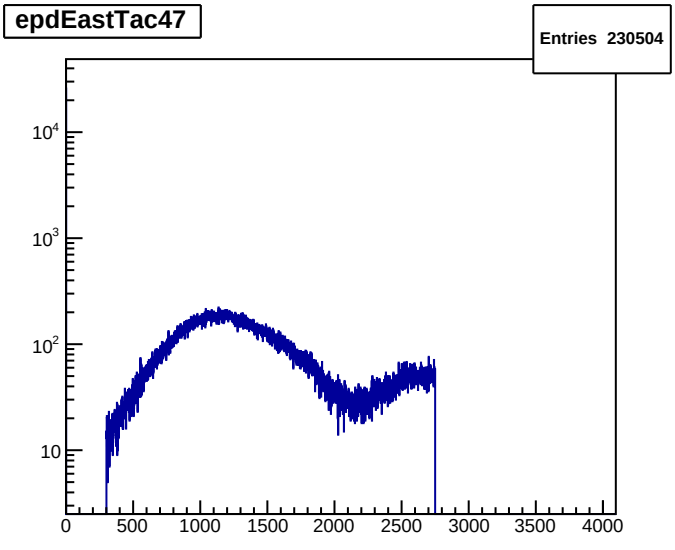
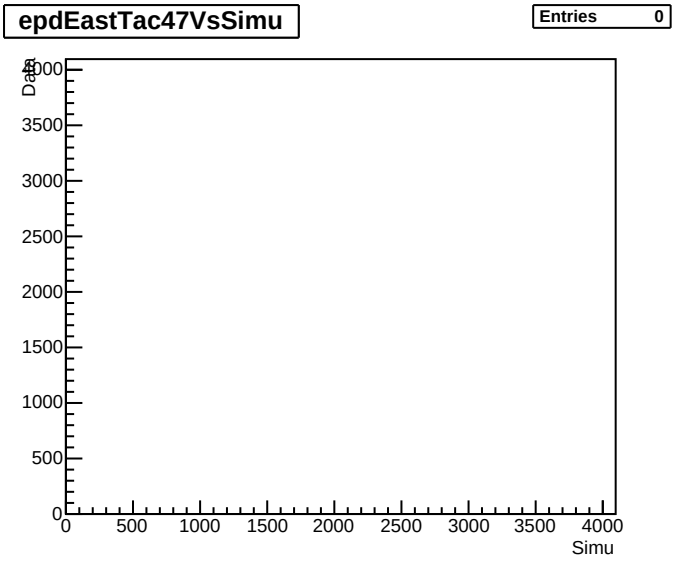
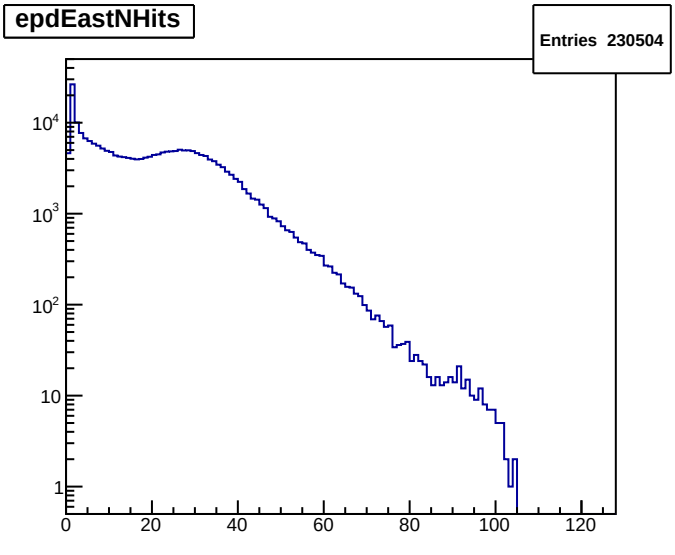
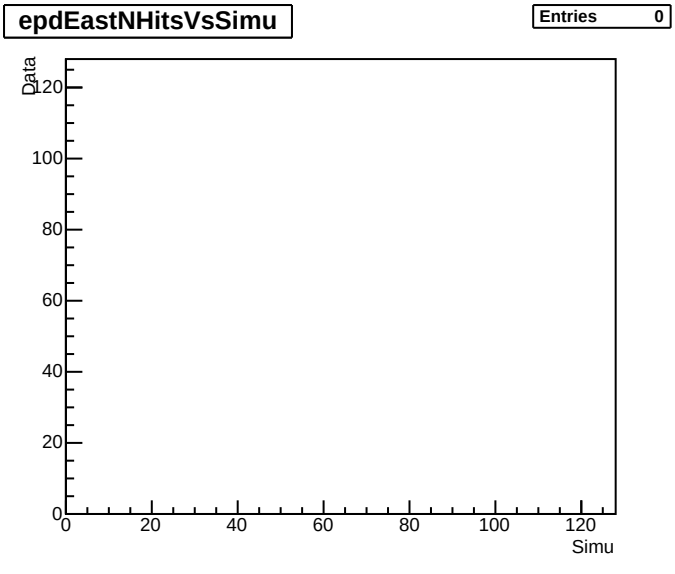
Entries 0
Data
Simu


epdEastTac47
Entries 230504


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 230504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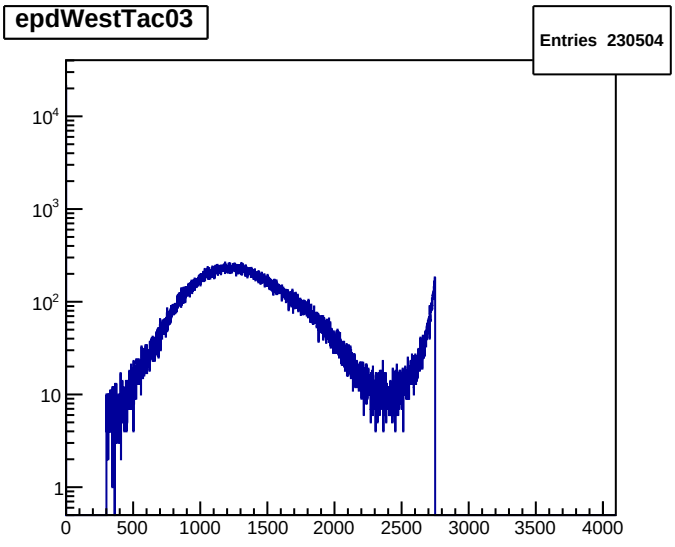
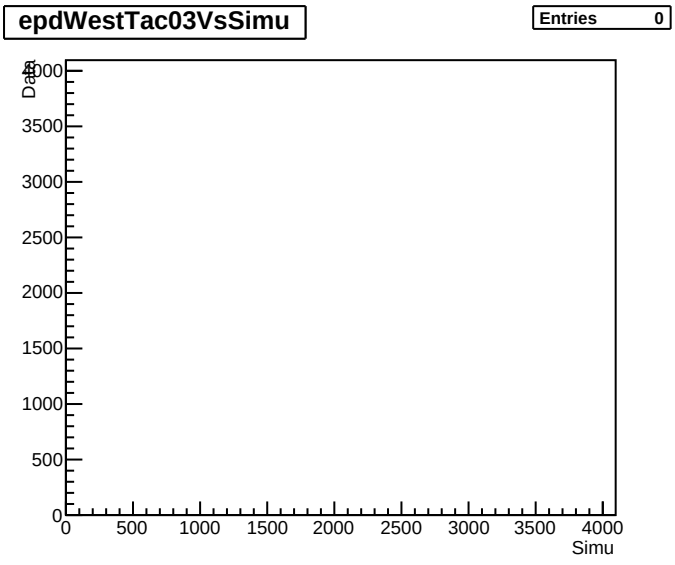
Entries 0
Data
Simu


epdWestTac03
Entries 230504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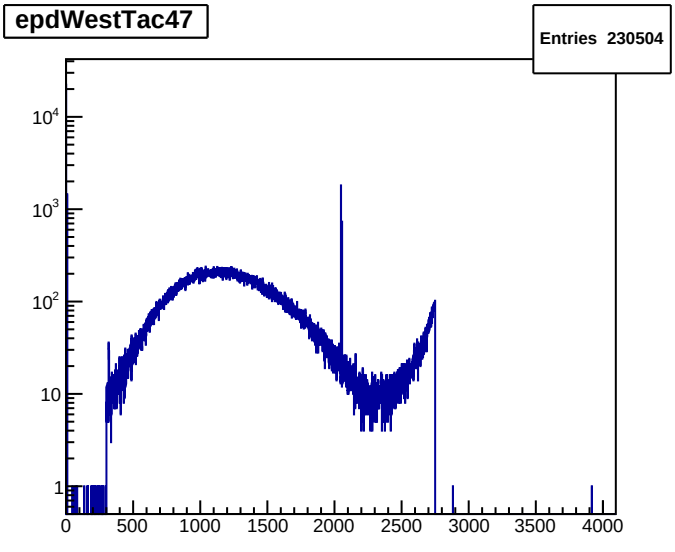
Entries 0
Data
Simu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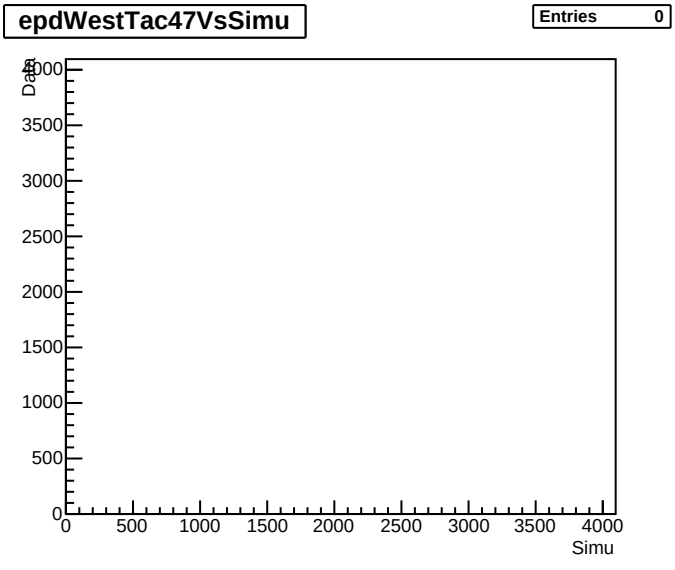
Entries 230504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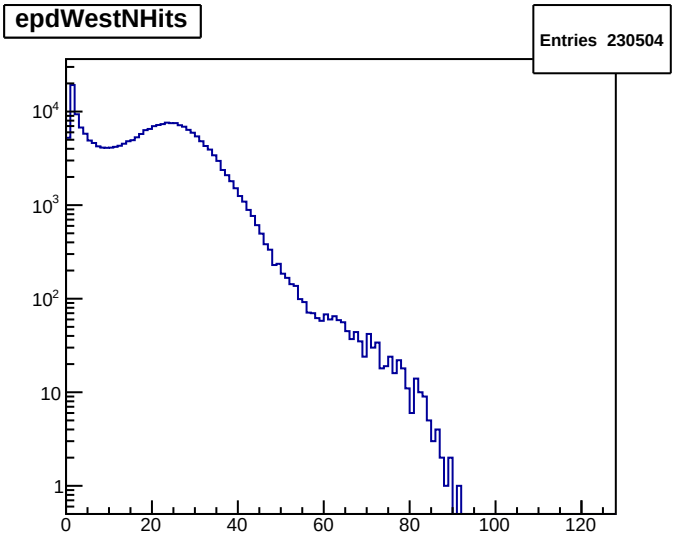
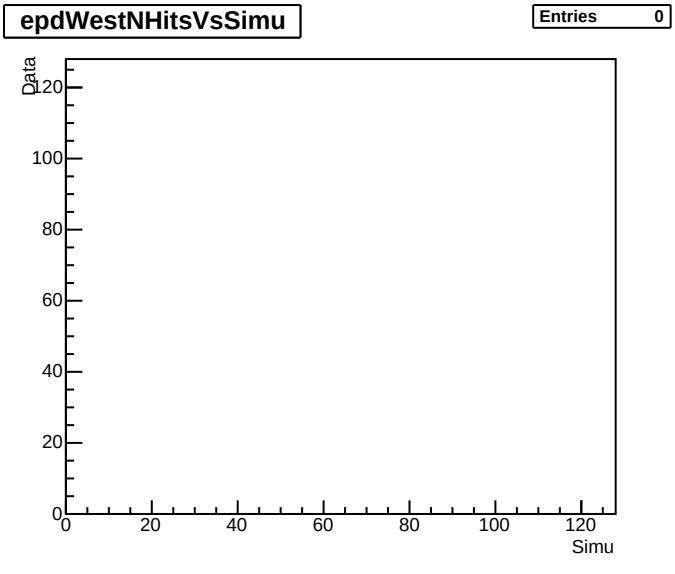
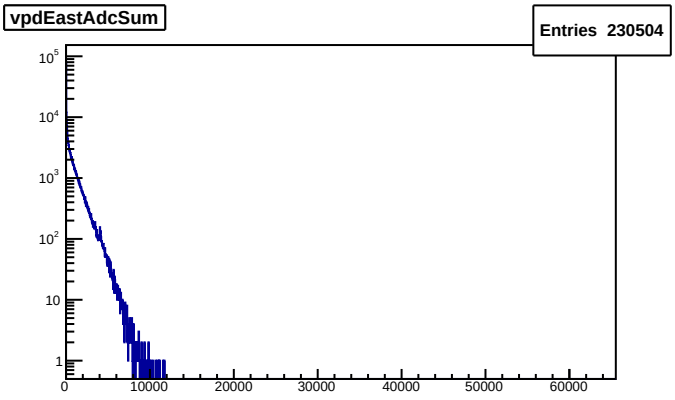
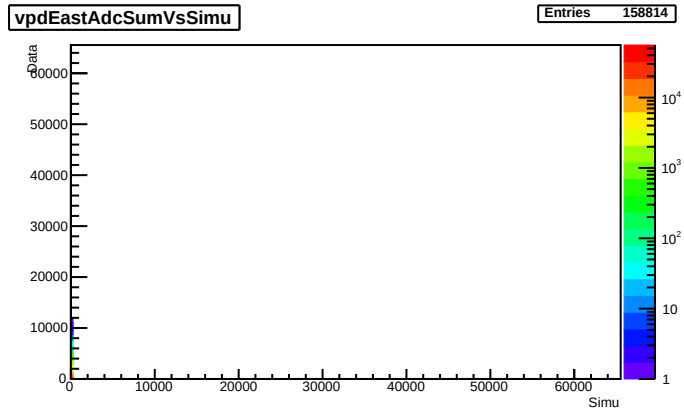
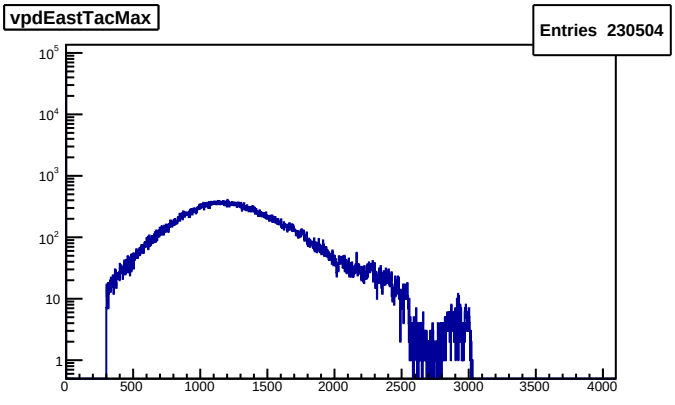
Entries 0
Data
Simu

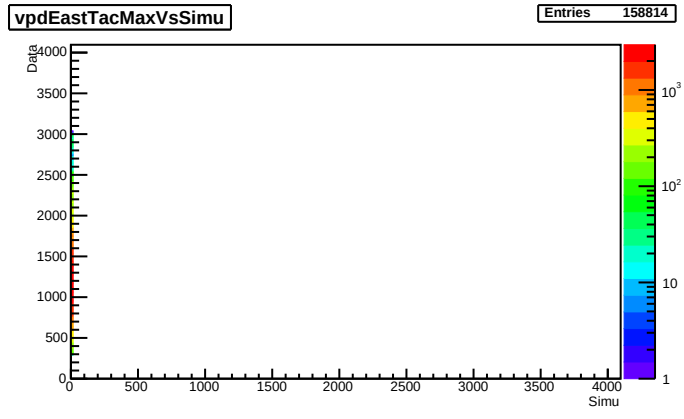

epdWestNHits
Entries 230504

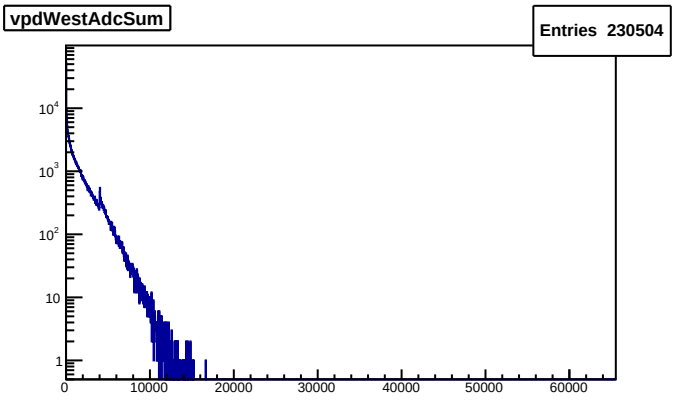

epdWestNHitsVsSimu
Entries 0
Data
Simu

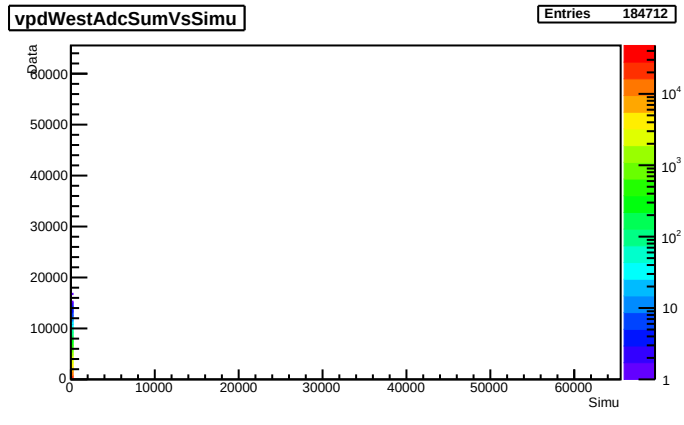

vpdEastAdcSum
Entries 230504

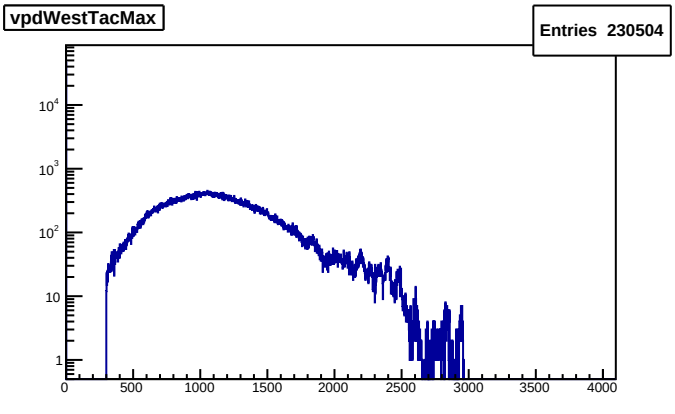

vpdEastAdcSumVsSimu
Entries 158814
Data
Simu

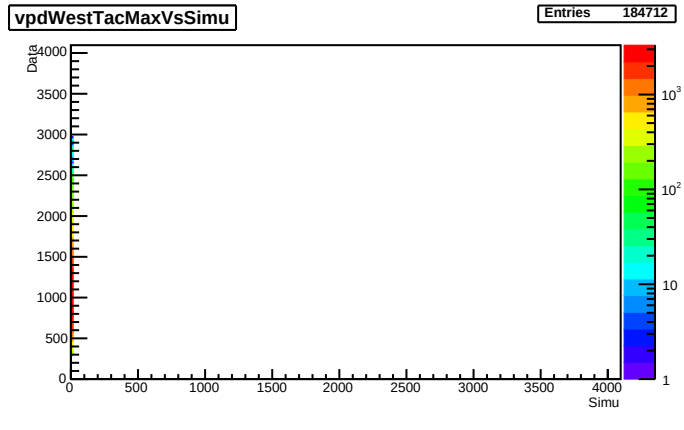

vpdEastTacMax
Entries 230504

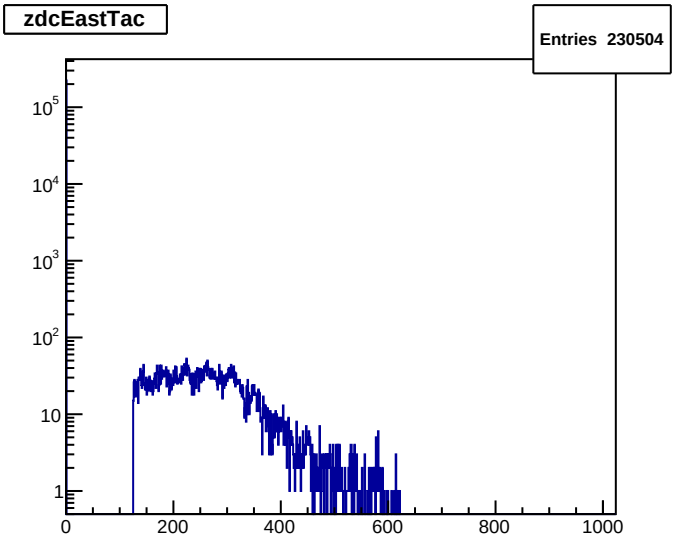

vpdEastTacMaxVsSimu
Entries 158814
Data
Simu

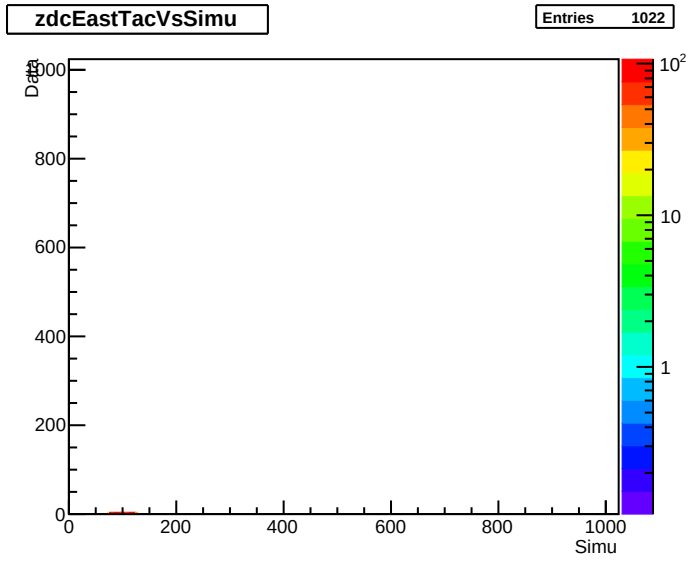

vpdWestAdcSum
Entries 230504

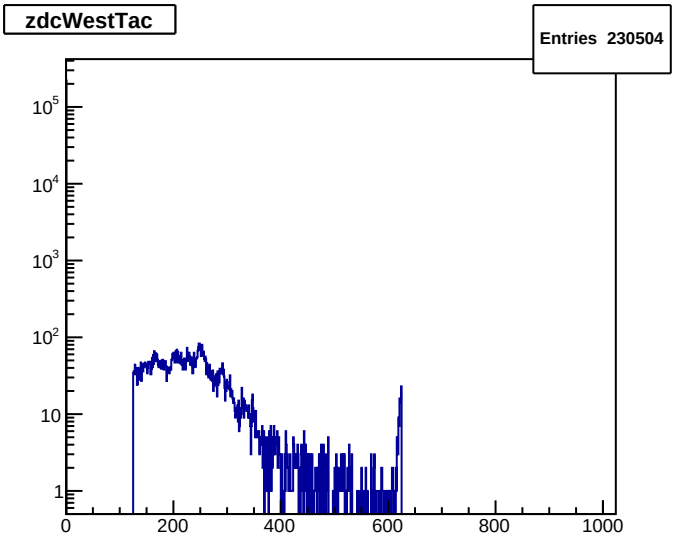

vpdWestAdcSumVsSimu
Entries 184712
Data
Simu

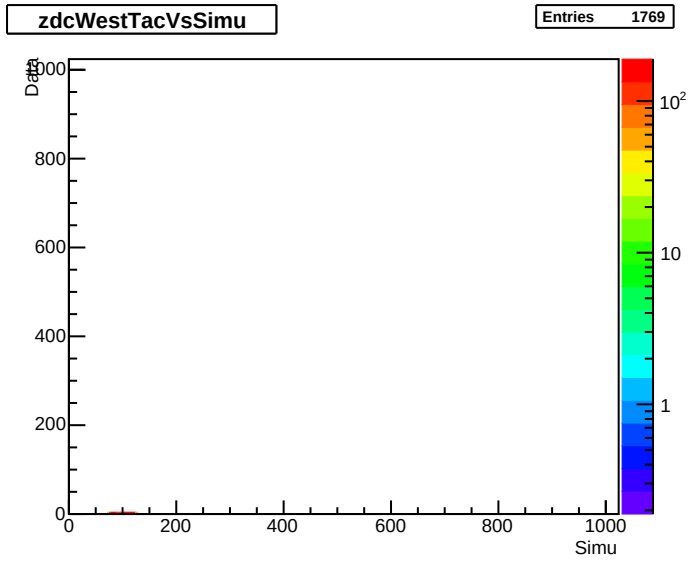

vpdWestTacMax
Entries 230504

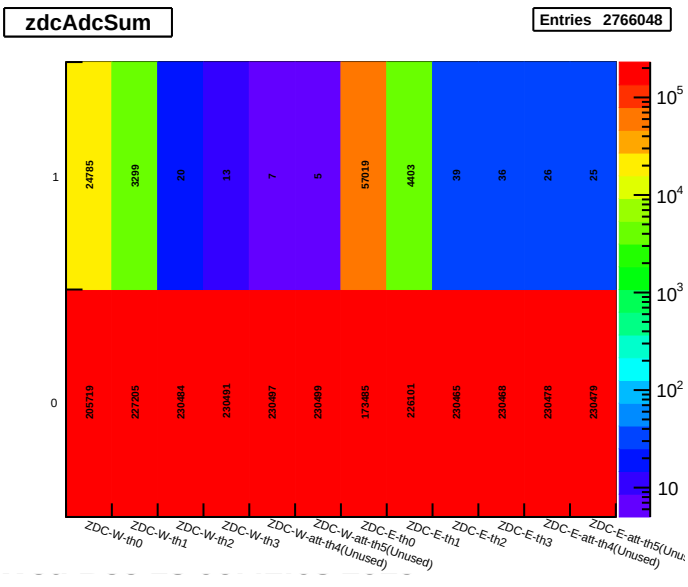

vpdWestTacMaxVsSimu
Entries 184712
Data
Simu

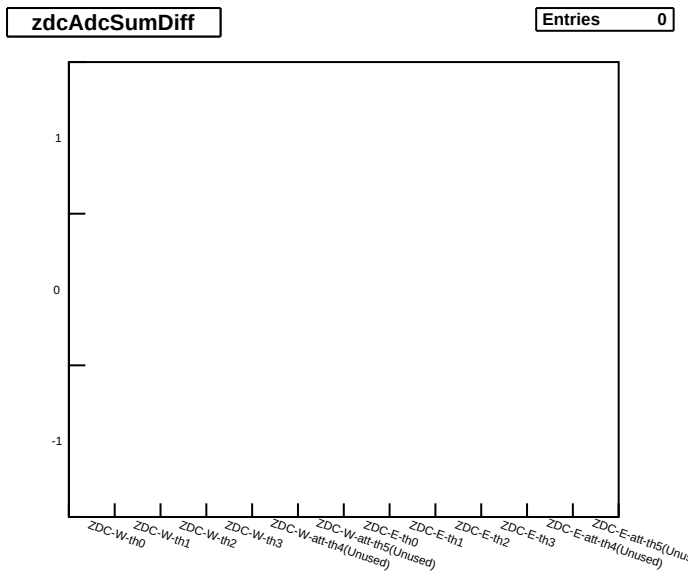

zdcEastTac
Entries 230504

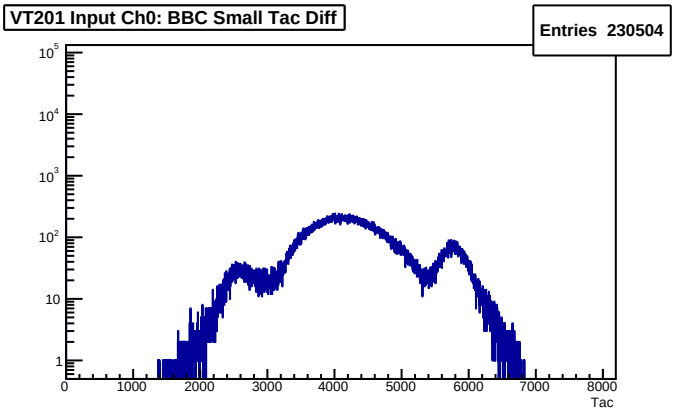

zdcEastTacVsSimu
Entries 1022
Data
Simu

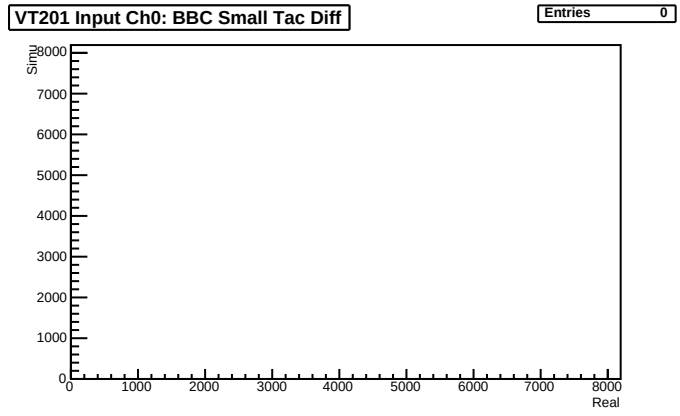

zdcWestTac
Entries 230504

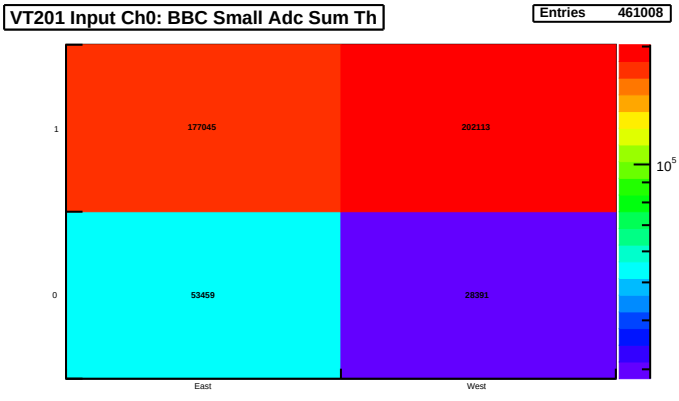

zdcWestTacVsSimu
Entries 1769
Data
Simu

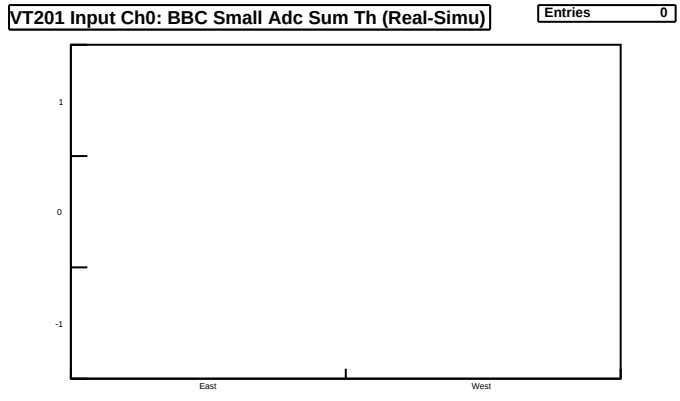

zdcAdcSum
Entries 2766048
24785
3299
20
13
7
5
57019
4403
39
36
26
25
205719
227205
230484
230491
230497
230499
173485
226101
230465
230468
230478
230479
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

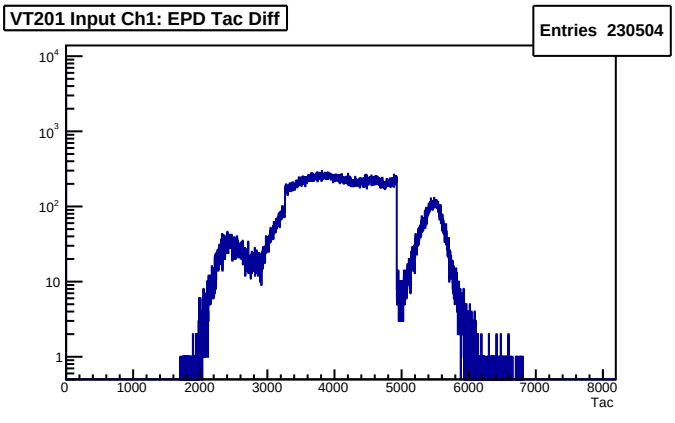

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

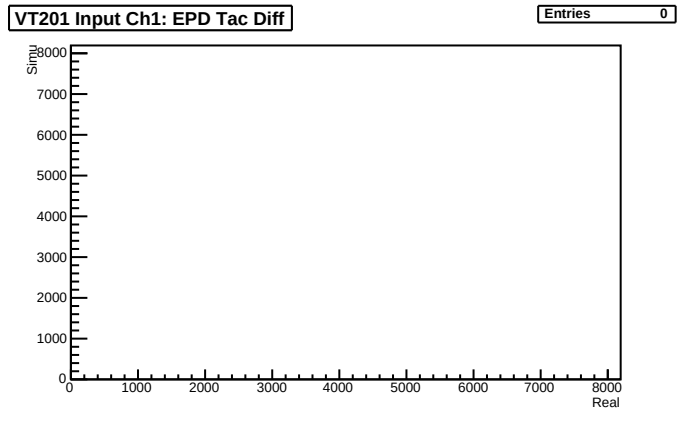

VT201 Input Ch0: BBC Small Tac Diff
Entries 230504
Tac

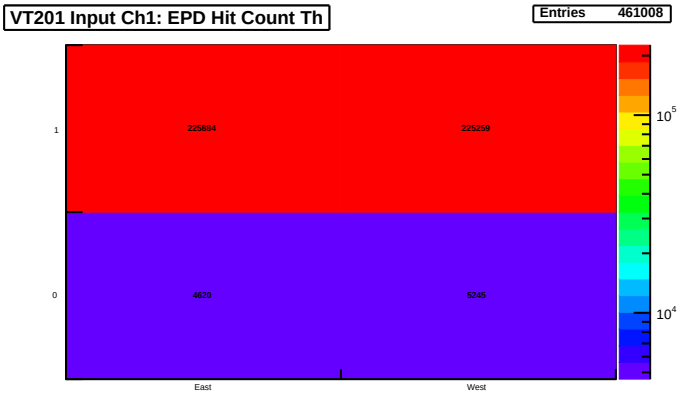

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

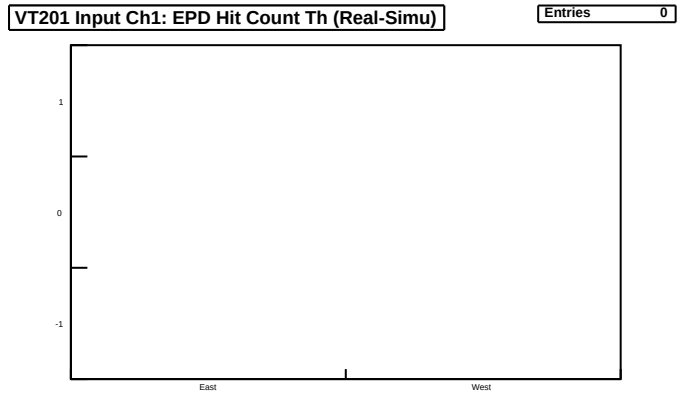

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 461008
177045
202113
53459
28391
East
West

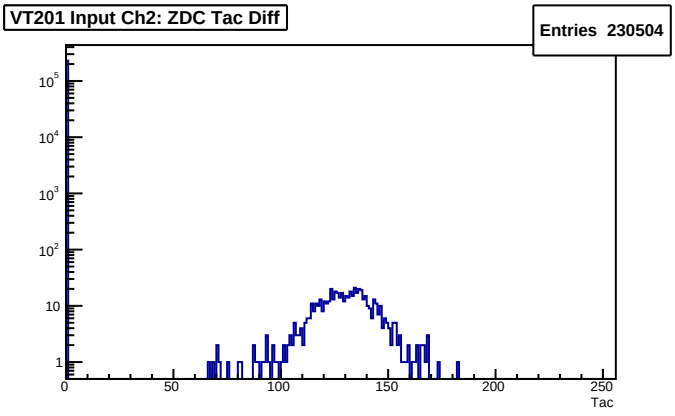

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

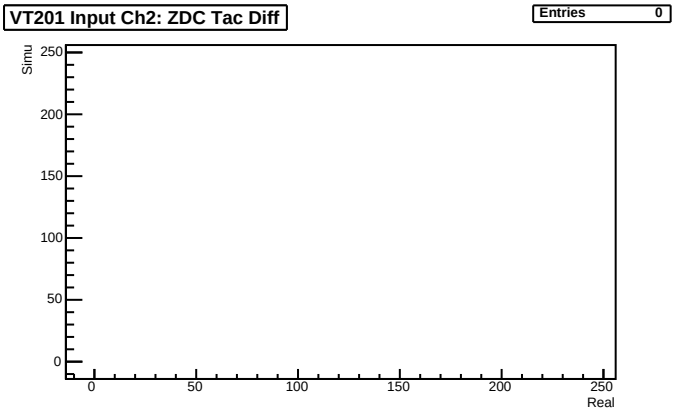

VT201 Input Ch1: EPD Tac Diff
Entries 230504
Tac

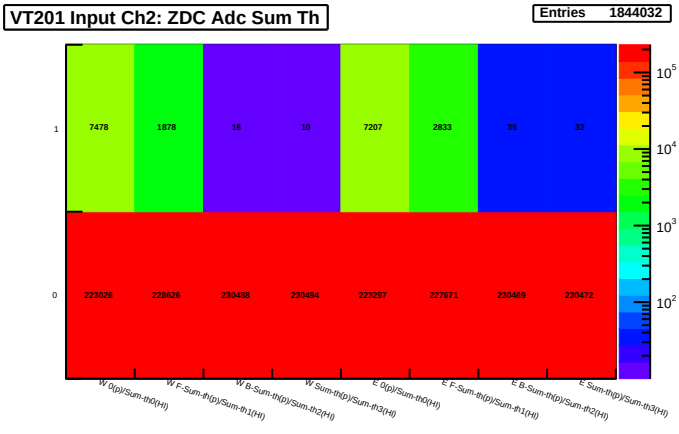

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

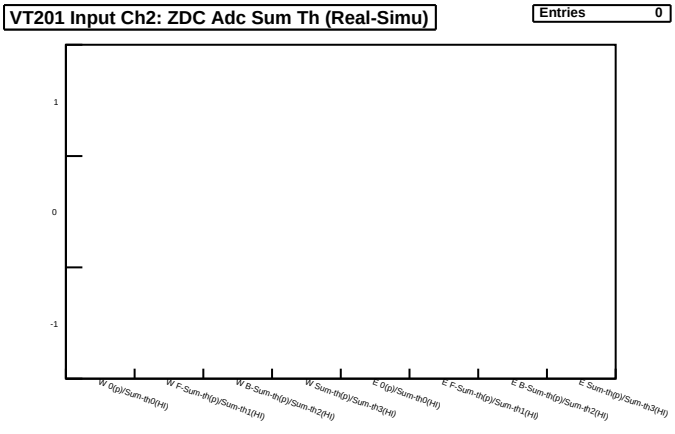

VT201 Input Ch1: EPD Hit Count Th
Entries 461008
225884
225259
4620
5245
East
West

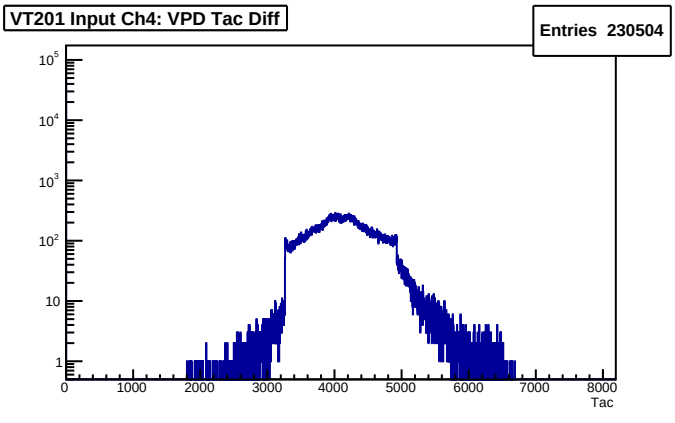

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

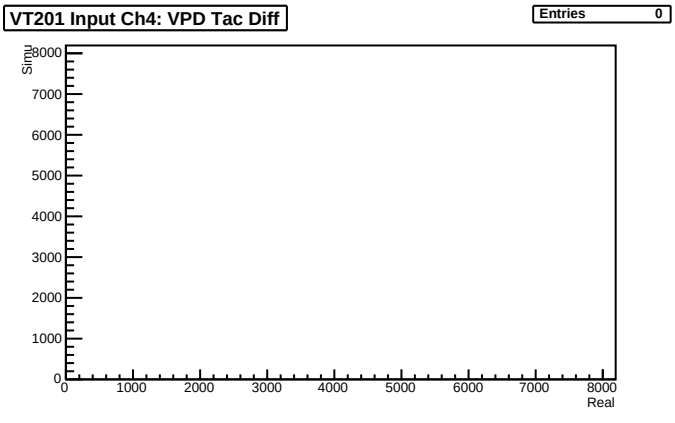

VT201 Input Ch2: ZDC Tac Diff
Entries 230504
Tac

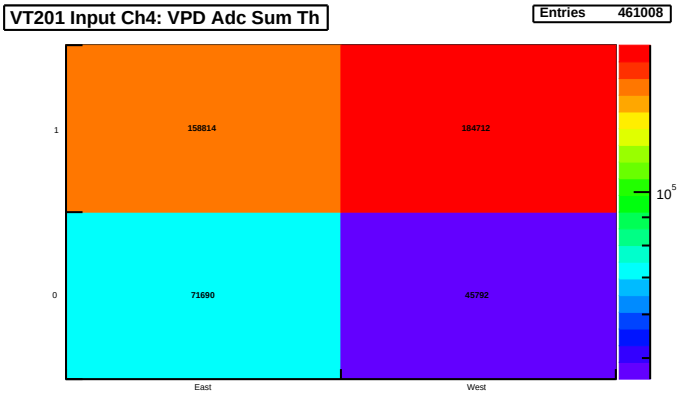

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

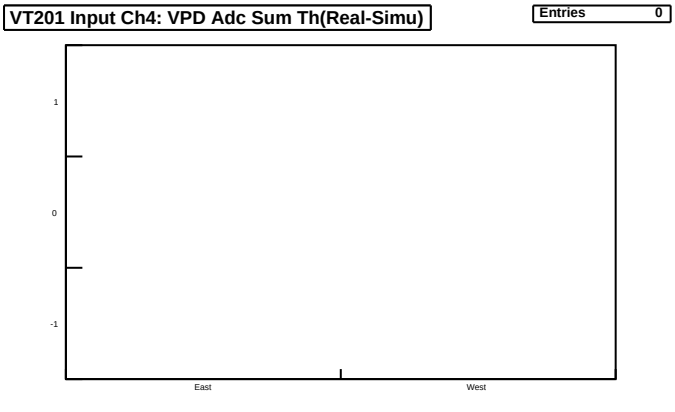

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1844032
7478
1878
16
10
7207
2833
35
32
223026
228626
230488
230494
223297
227671
230469
230472
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

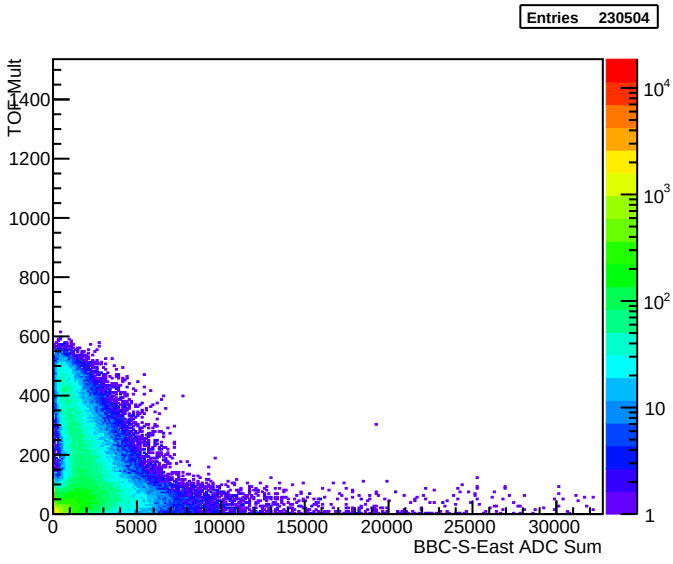

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

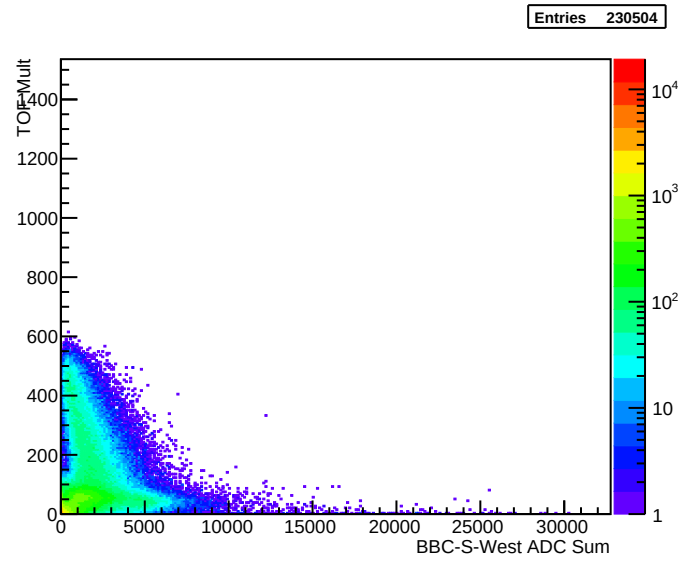

VT201 Input Ch4: VPD Tac Diff
Entries 230504
Tac

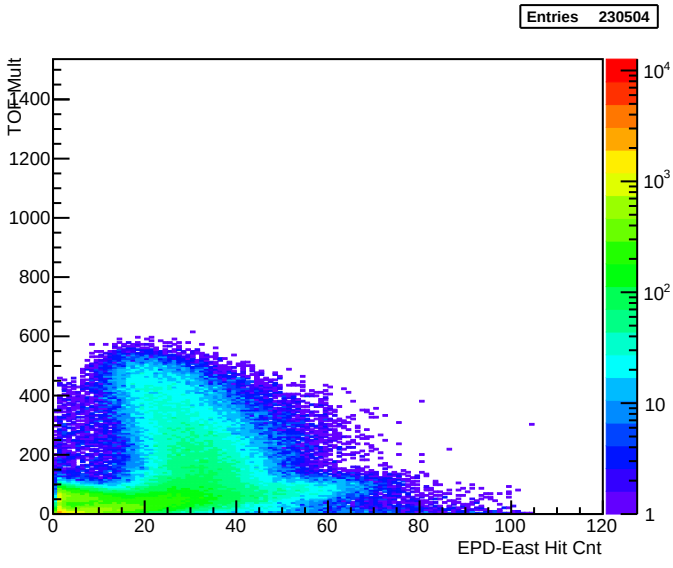

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

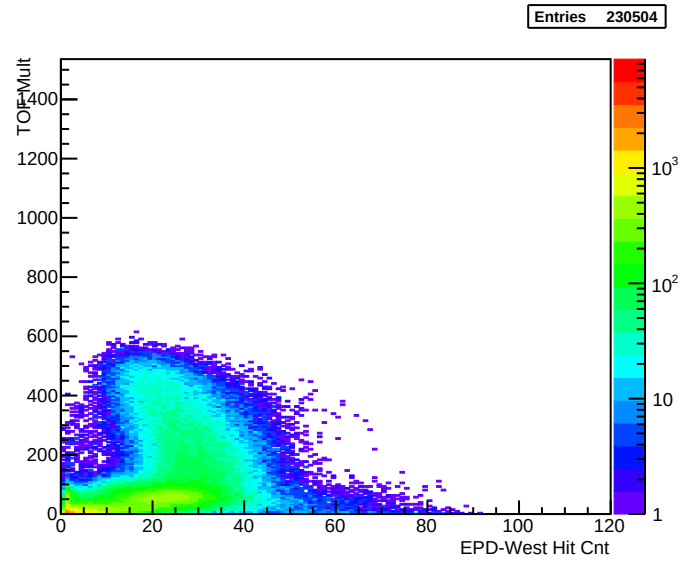

VT201 Input Ch4: VPD Adc Sum Th
Entries 461008
158814
184712
71690
45792
East
West

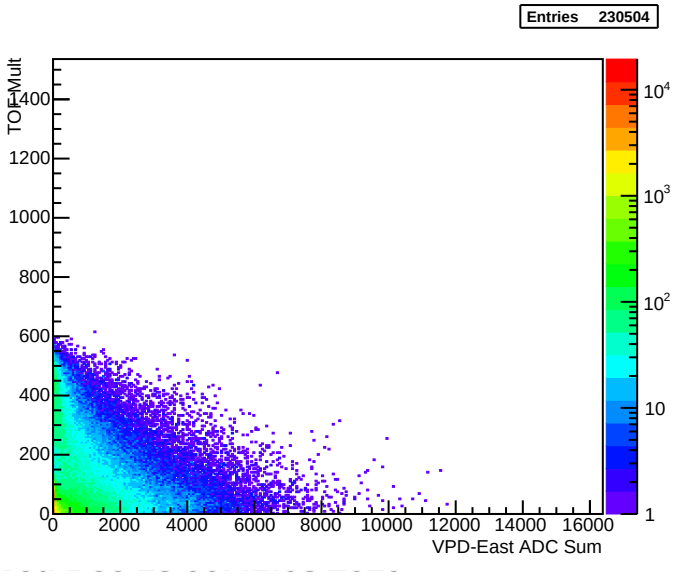

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

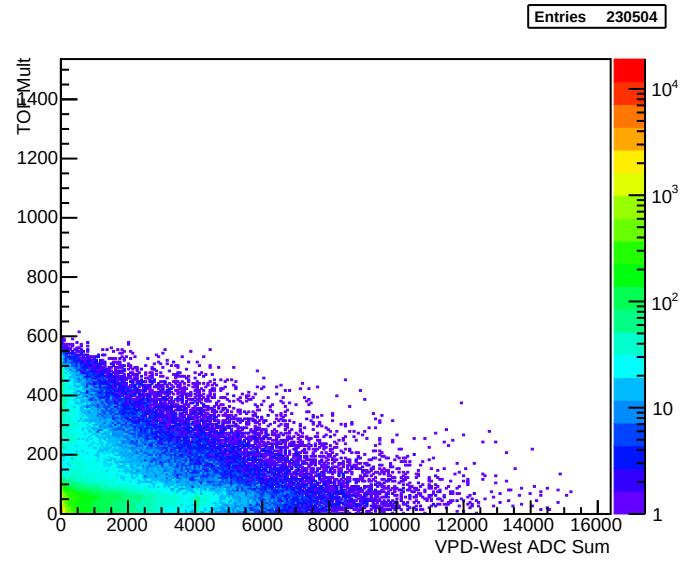

Entries 230504
TOF-Mult
BBC-S-East ADC Sum

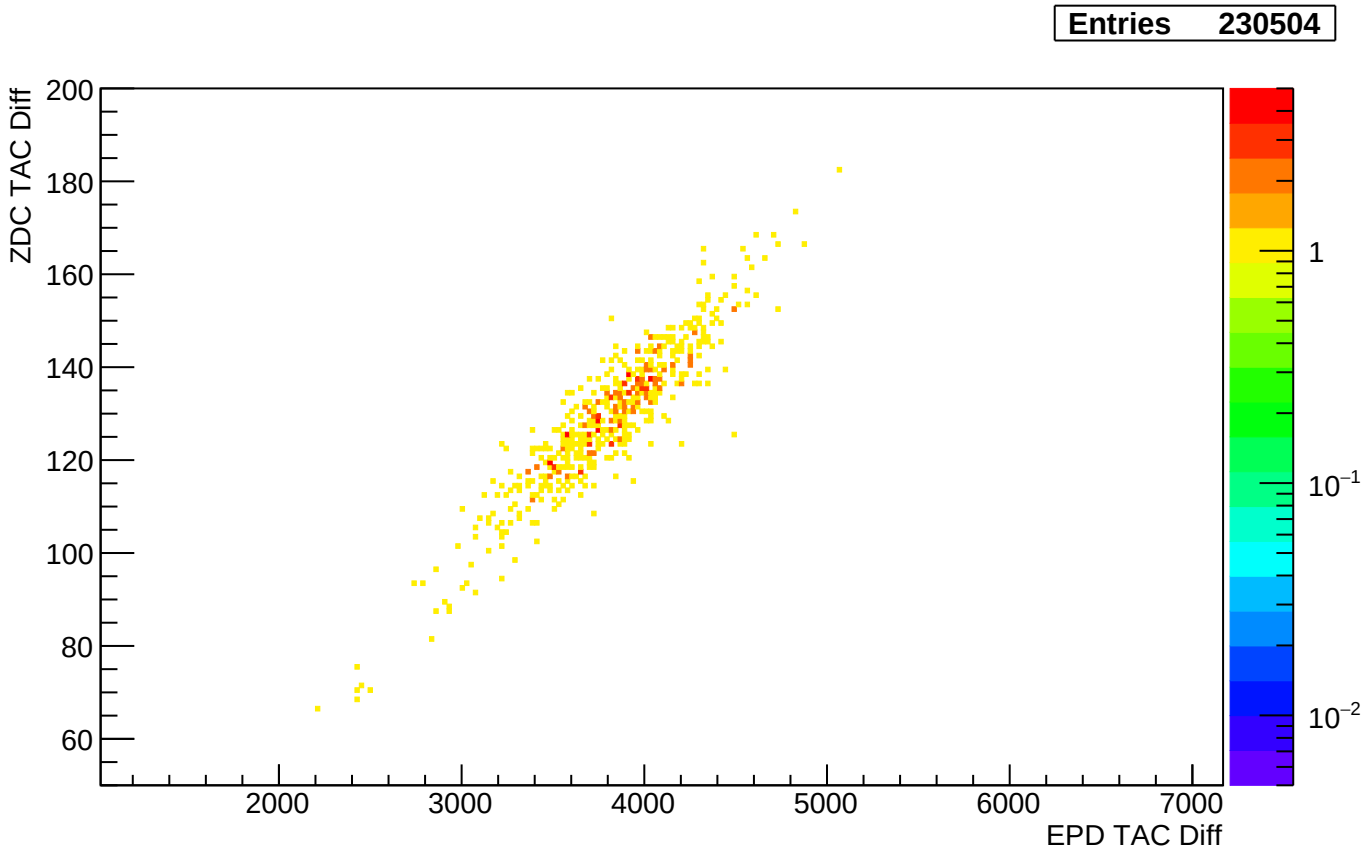

Entries 230504
TOF-Mult
BBC-S-West ADC Sum

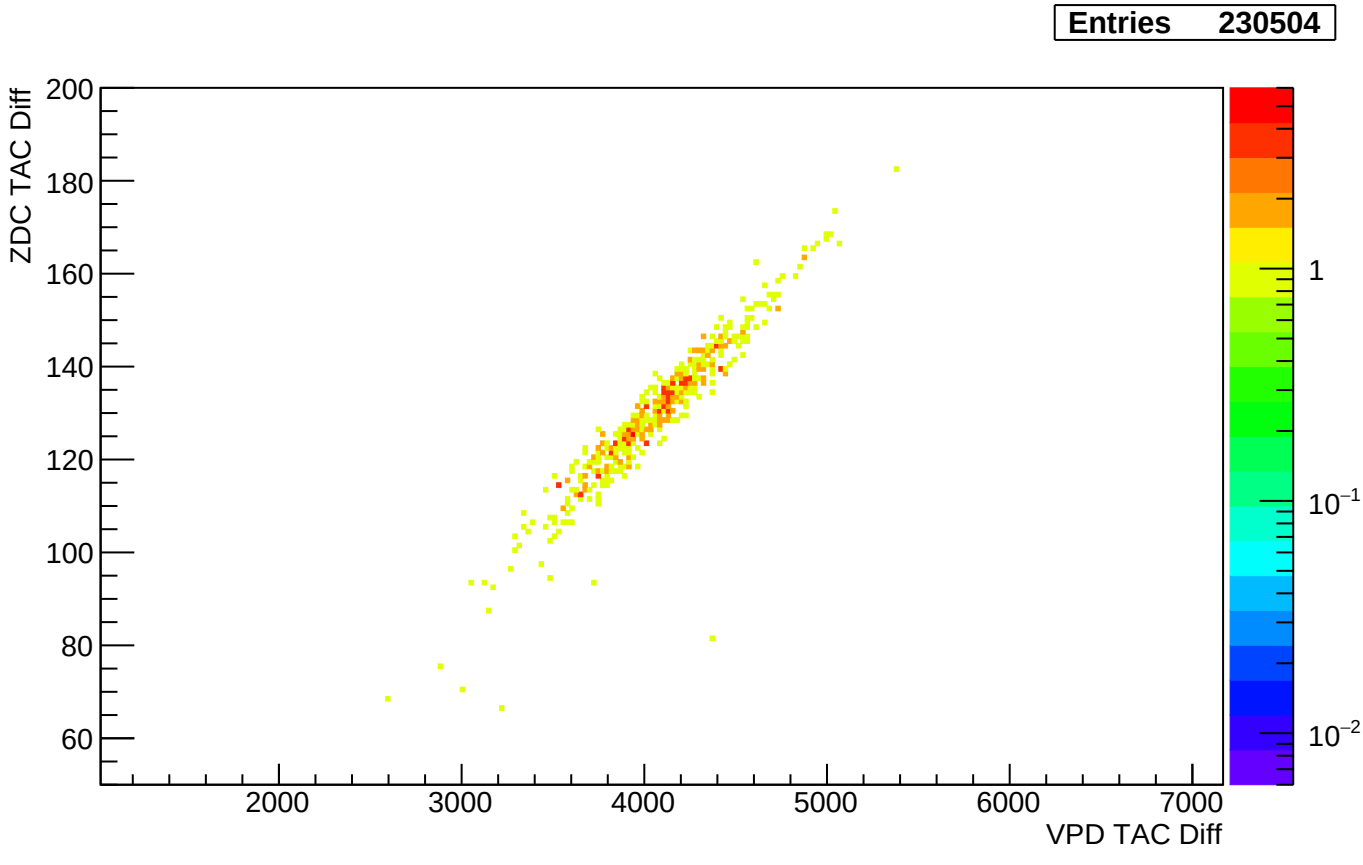

Entries 230504
TOF-Mult
EPD-East Hit Cnt

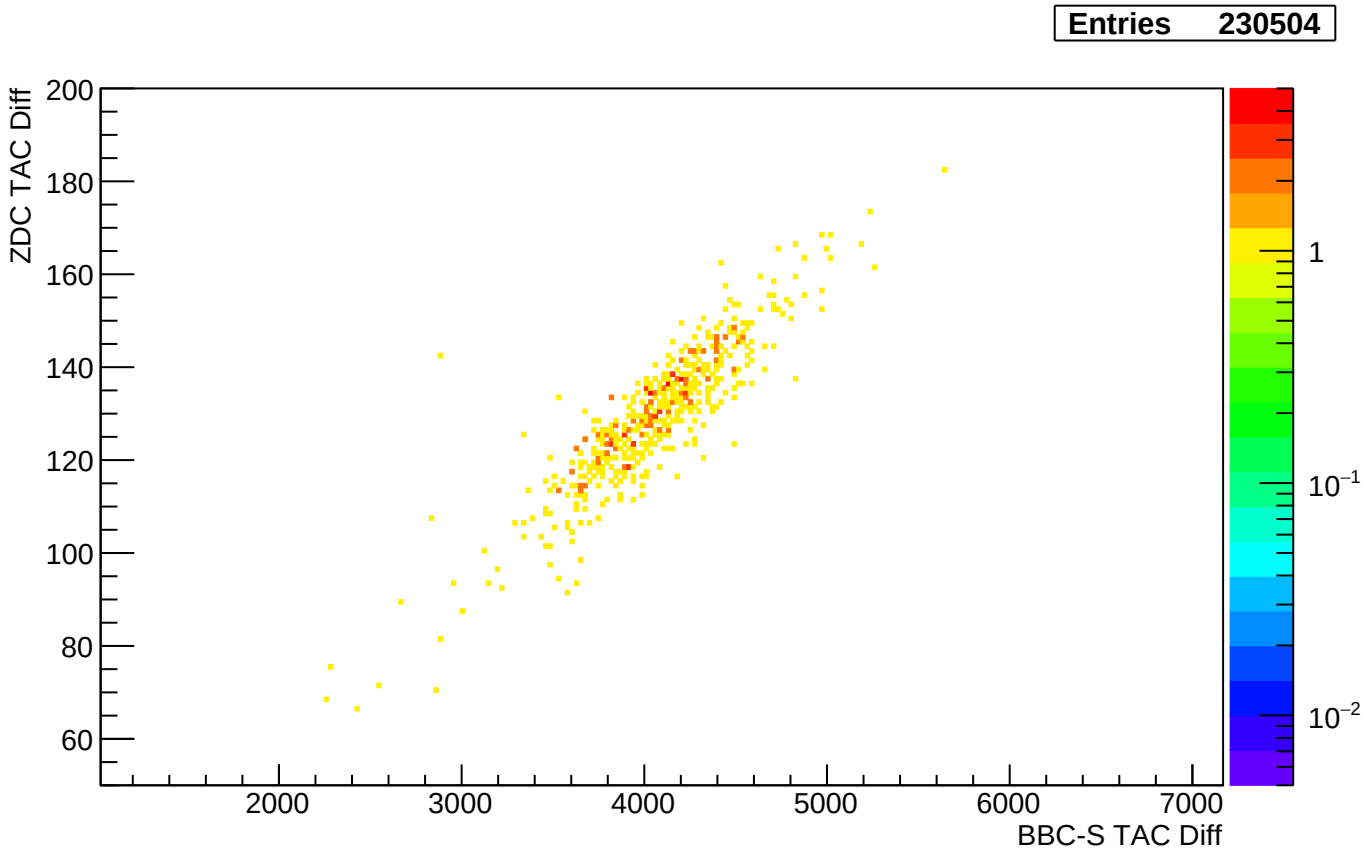

Entries 230504
TOF-Mult
EPD-West Hit Cnt

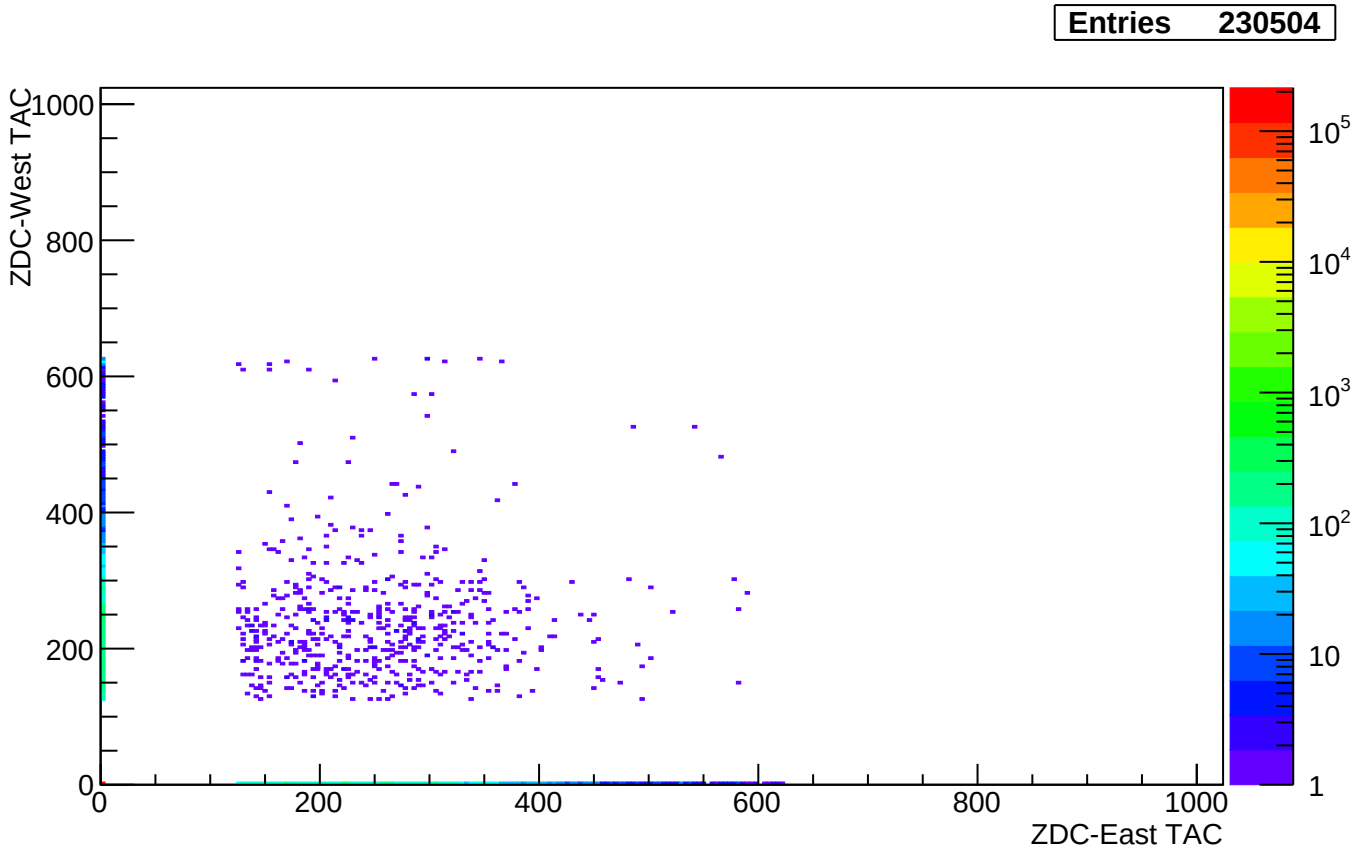

Entries 230504
TOF-Mult
VPD-East ADC Sum

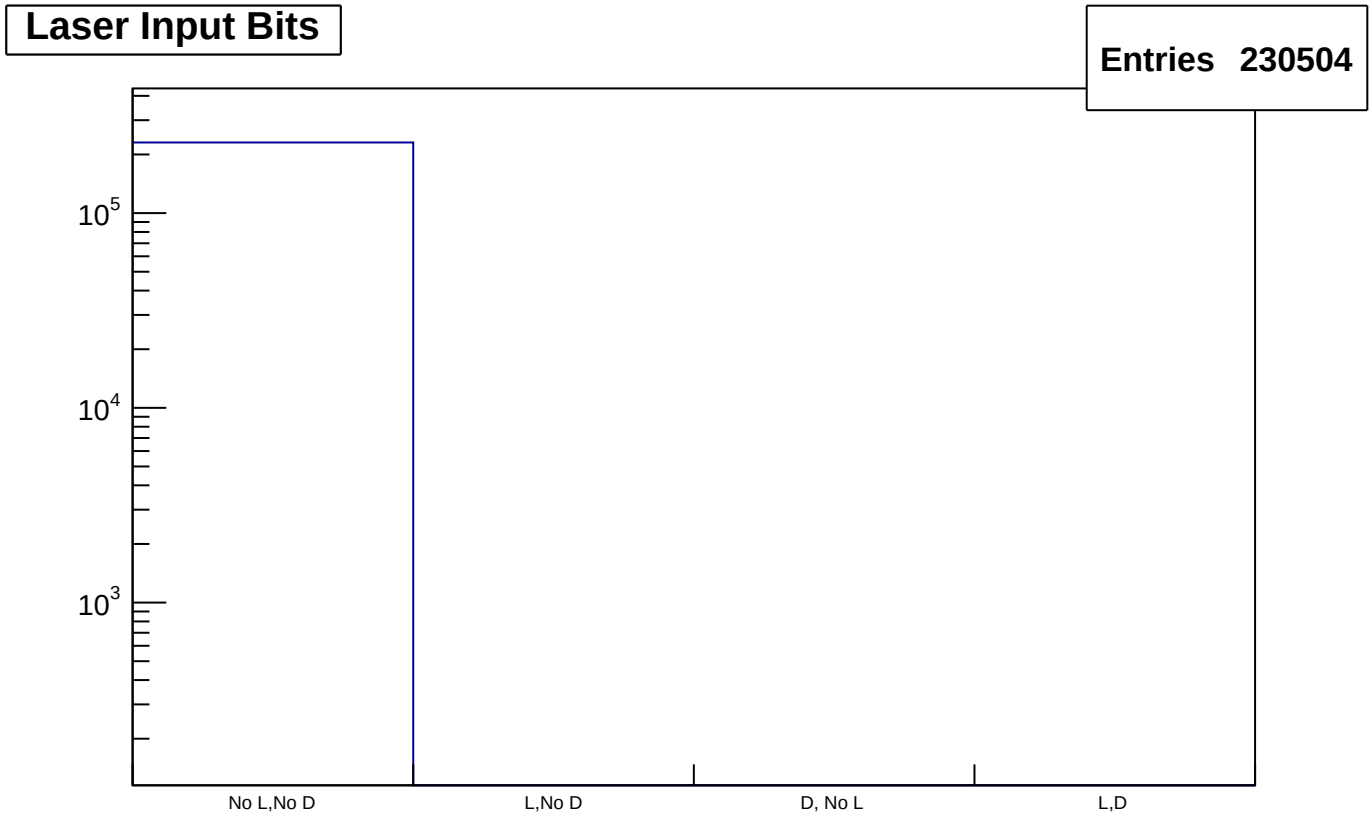

Entries 230504
TOF-Mult
VPD-West ADC Sum

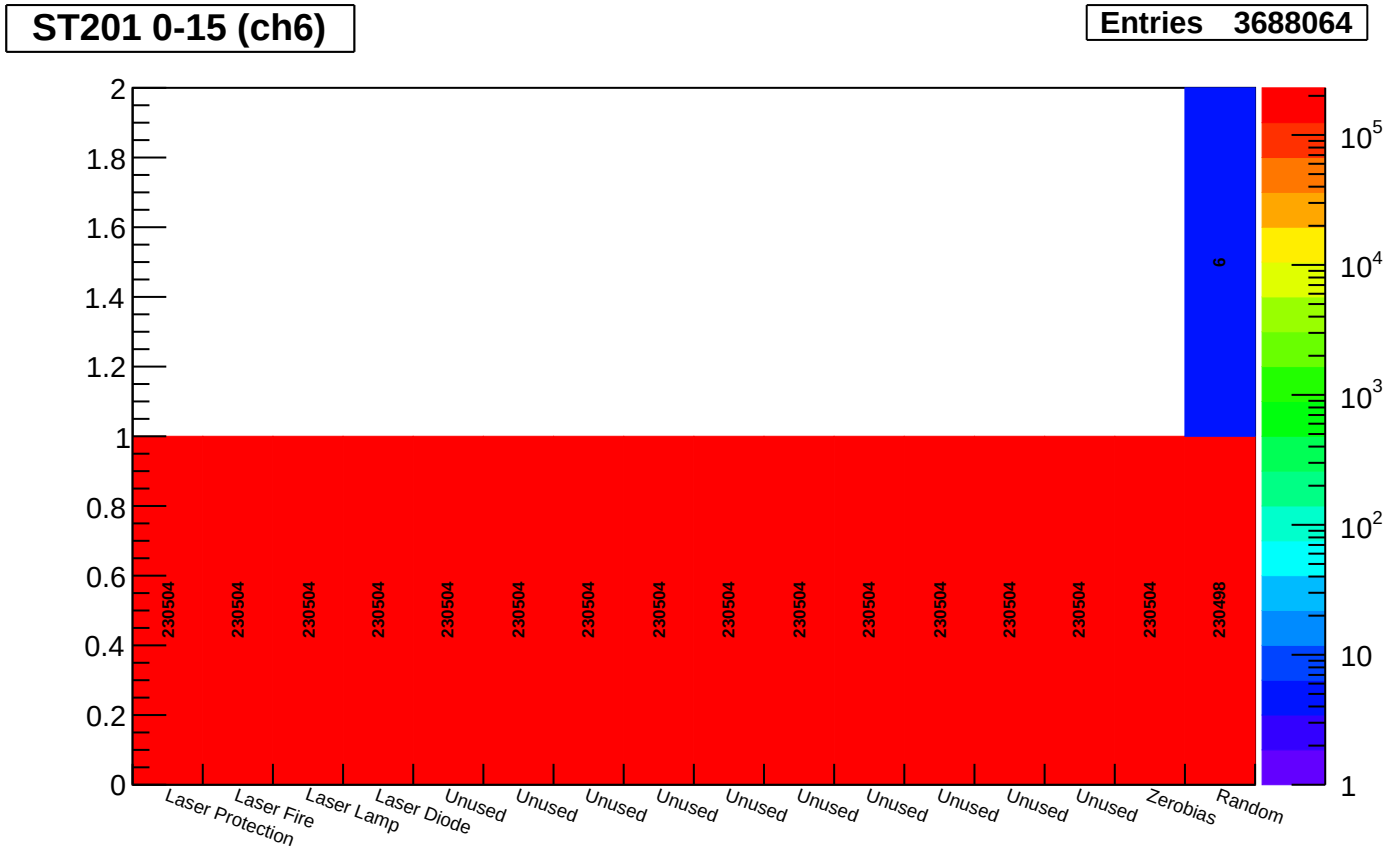

Entries 230504
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

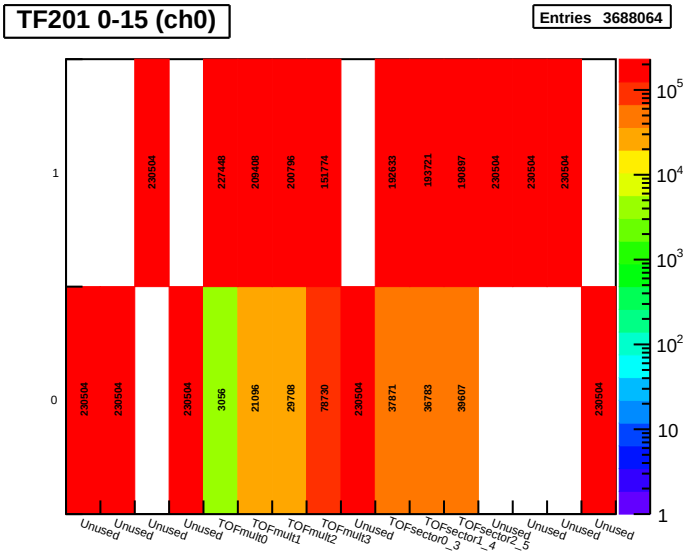

Entries 230504
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

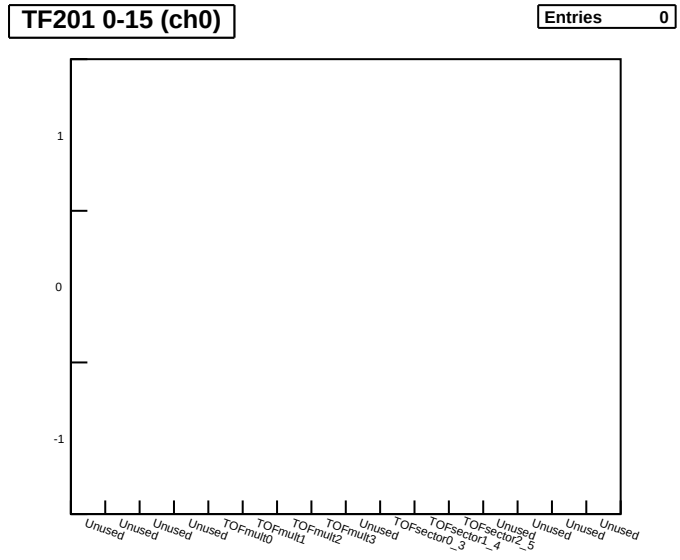

Entries 230504
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

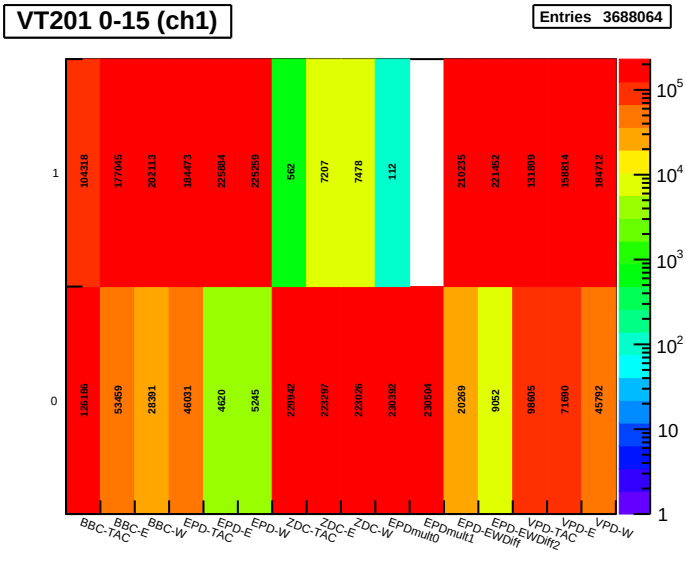

Entries 230504
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

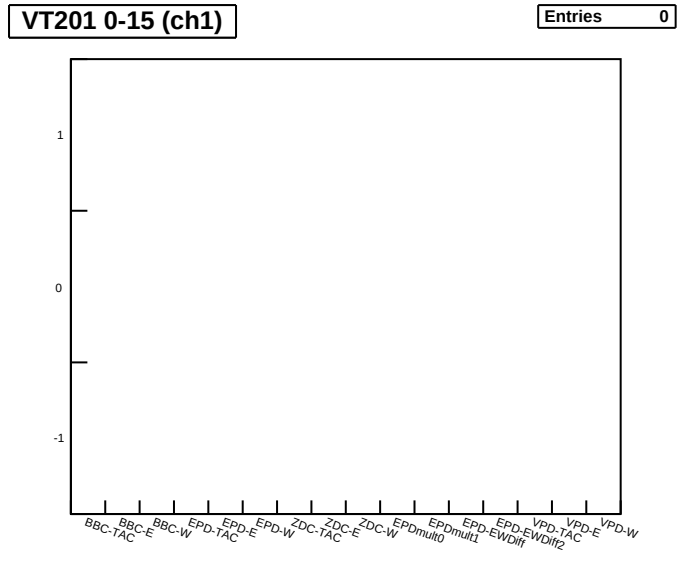

Laser Input Bits
Entries 230504
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

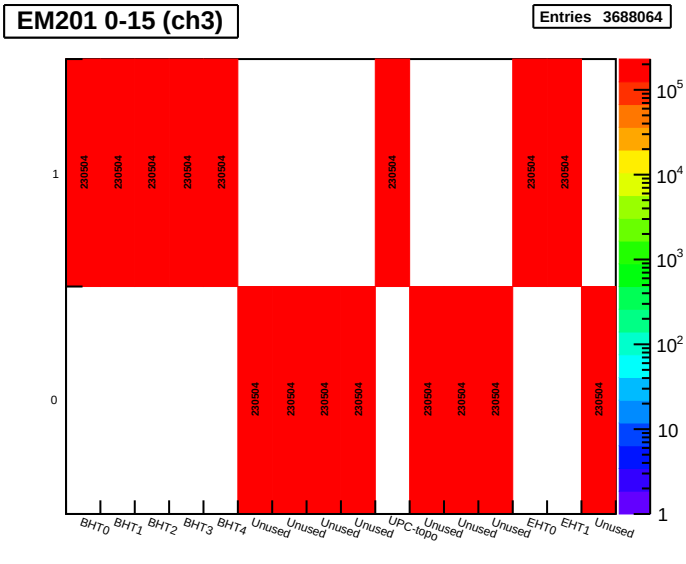

ST201 0-15 (ch6)
Entries 3688064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
230504
230498
6
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

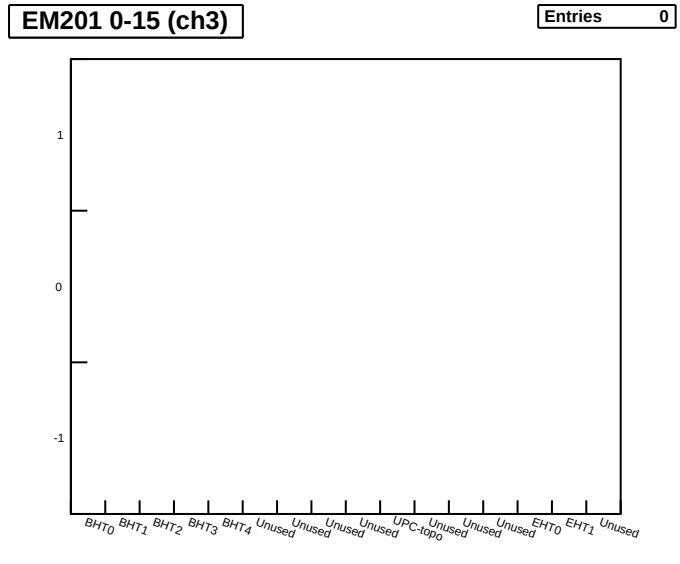

TF201 0-15 (ch0)
Entries 3688064
1
0
230504 227448 209408 200795 151774 192633 193721 190897 230504 230504 230504
230504 230504 230504 3056 21096 29708 79730 230504 37871 36783 39607 230504
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 Unused


VT201 0-15 (ch1)
Entries 3688064
1
0
104318 177045 202113 184473 225884 225259 562 7207 7478 112 210235 221452 131899 158814 184712
126186 53459 28391 46031 4620 5245 229942 223297 223026 230392 230504 20269 9052 98605 71680 45792
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 3688064
1
0
230504 230504 230504 230504 230504 230504 230504 230504
230504 230504 230504 230504 230504 230504 230504 230504
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