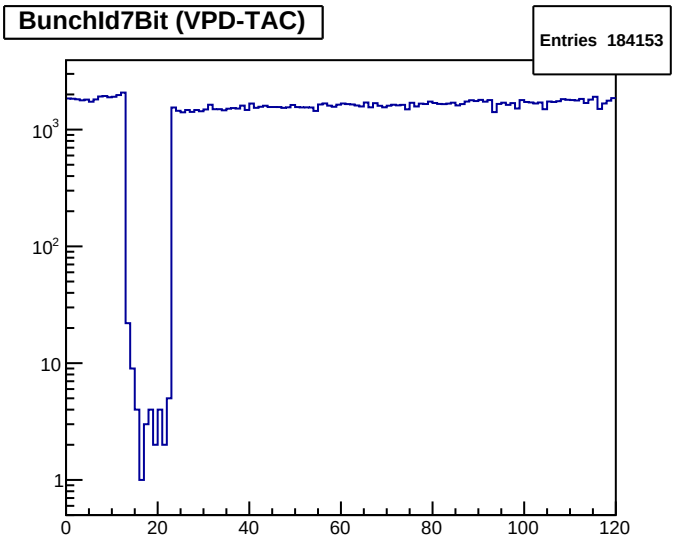
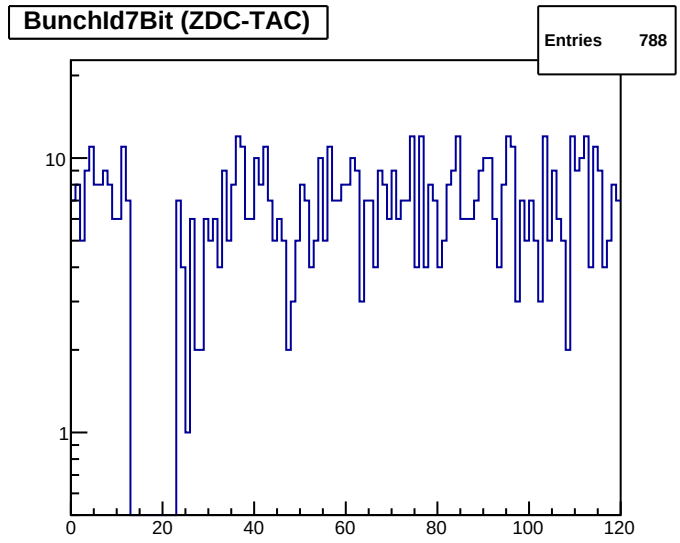
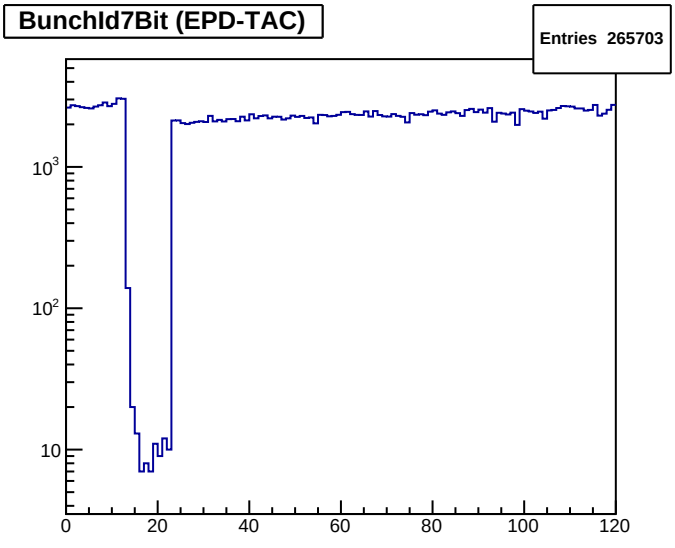
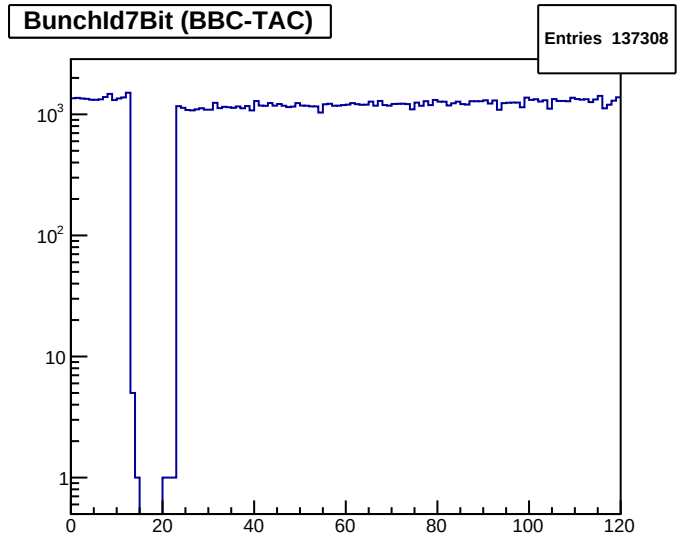
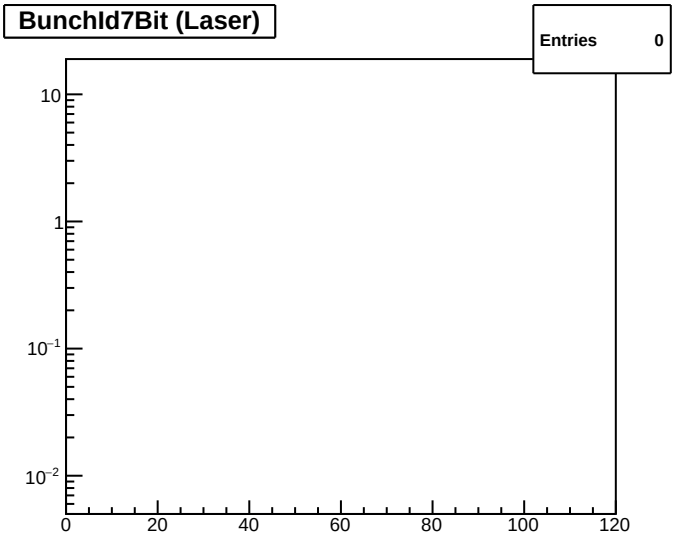
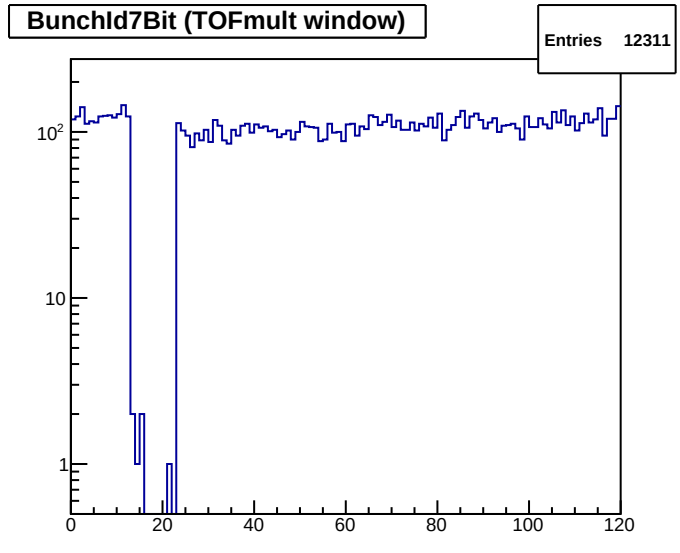

BunchId7Bit (VPD-TAC)
Entries 184153

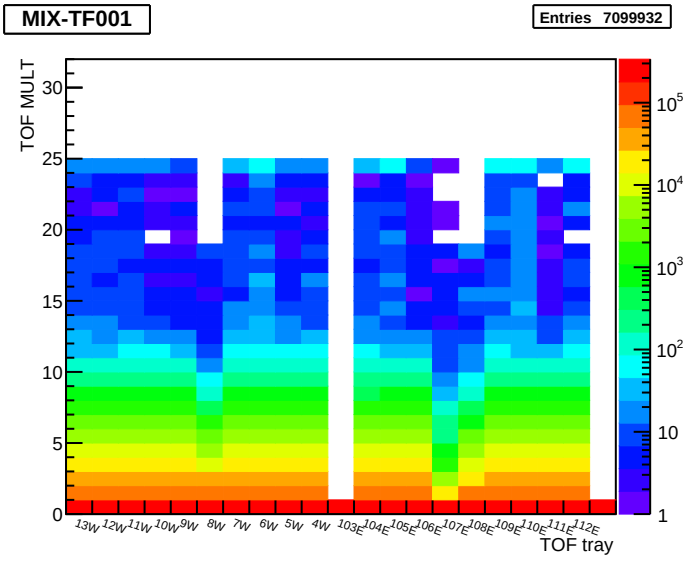

BunchId7Bit (ZDC-TAC)
Entries 788

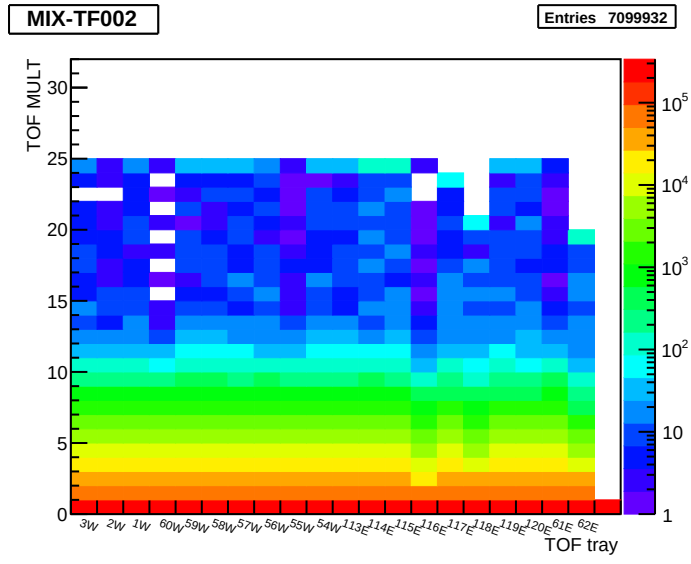

BunchId7Bit (EPD-TAC)
Entries 265703

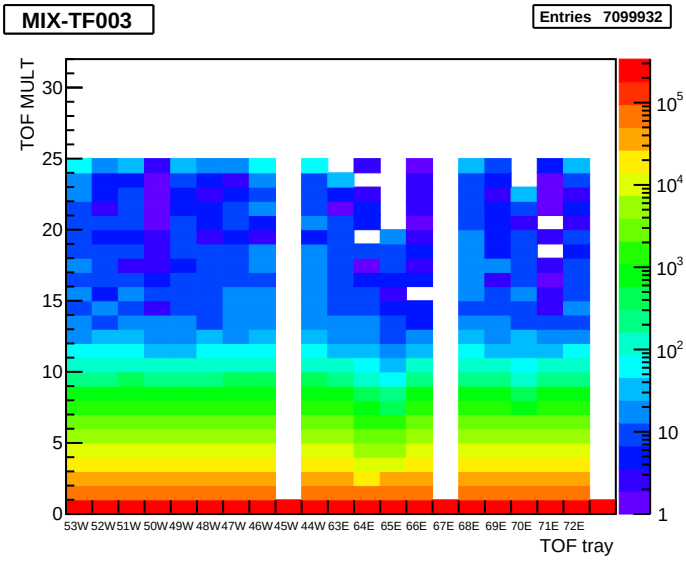

BunchId7Bit (BBC-TAC)
Entries 137308

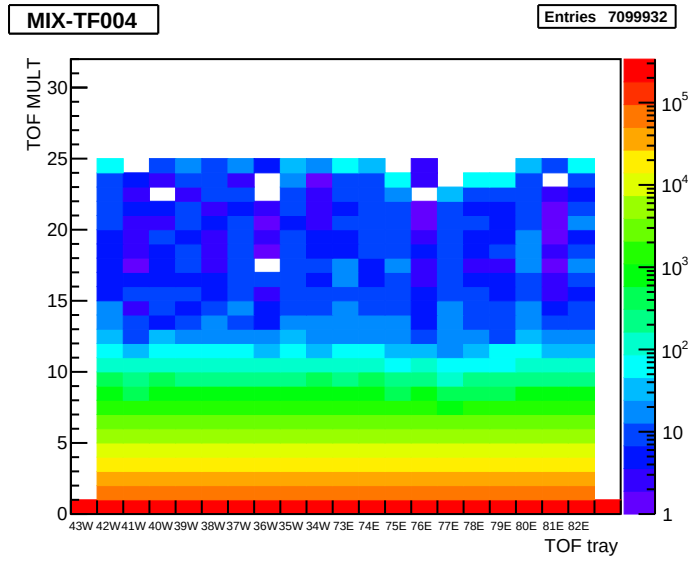

BunchId7Bit (Laser)
Entries 0

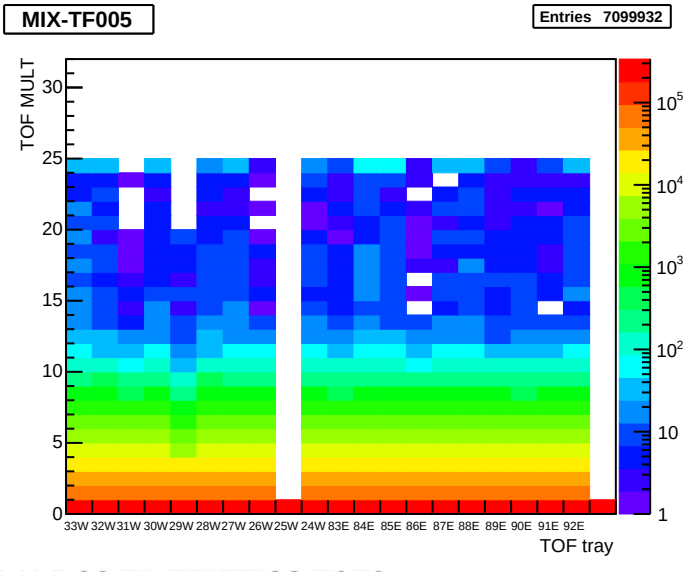

BunchId7Bit (TOFmult window)
Entries 12311

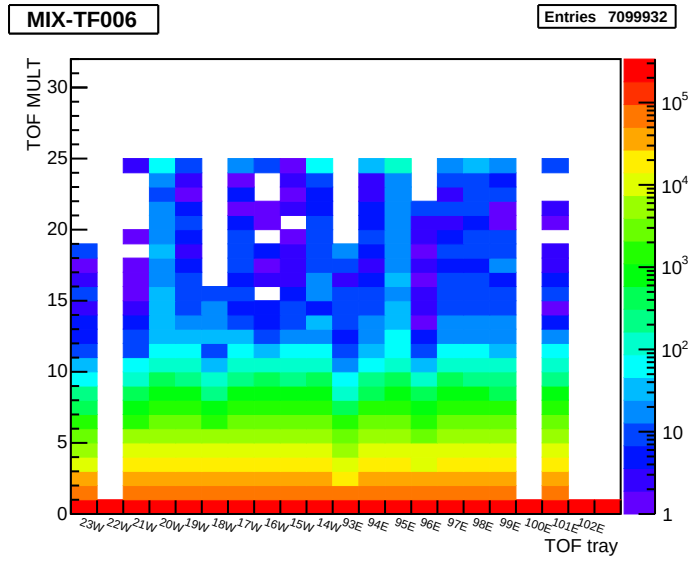

MIX-TF001
Entries 7099932
TOF MULT
TOF tray

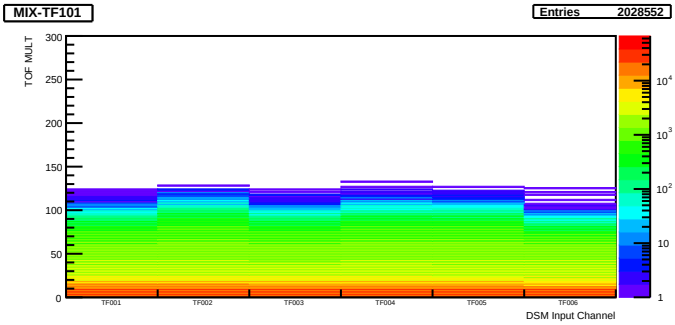

MIX-TF002
Entries 7099932
TOF MULT
TOF tray

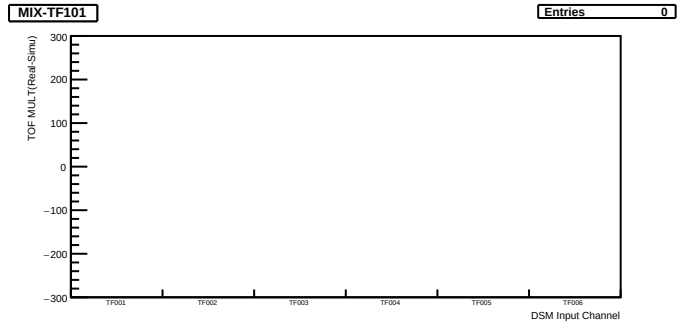

MIX-TF003
Entries 7099932
TOF MULT
TOF tray

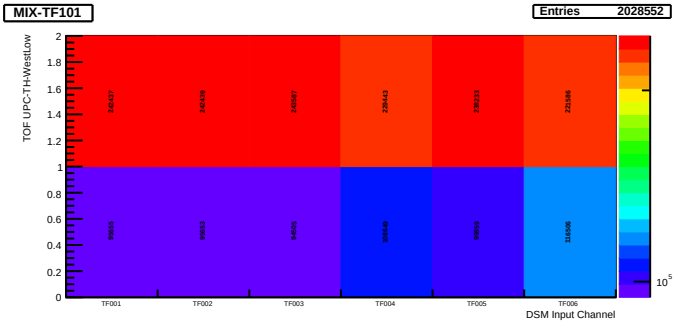

MIX-TF004
Entries 7099932
TOF MULT
TOF tray

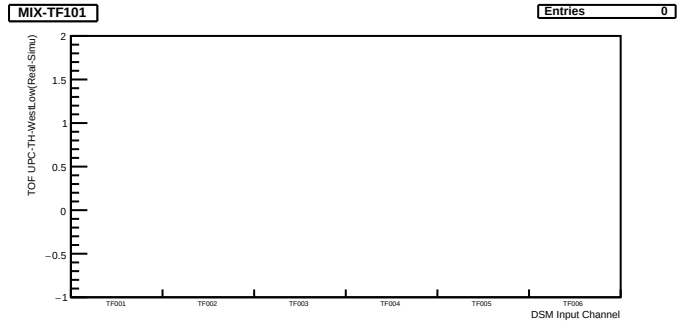

MIX-TF005
Entries 7099932
TOF MULT
TOF tray

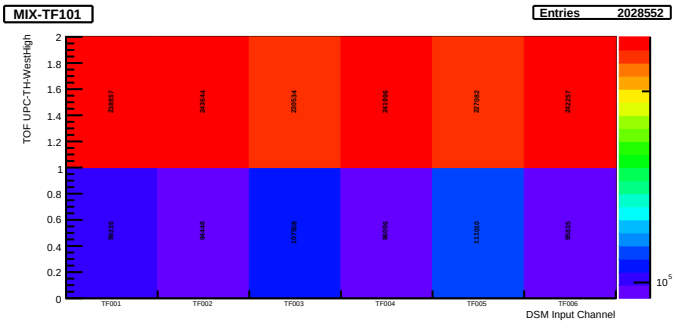

MIX-TF006
Entries 7099932
TOF MULT
TOF tray

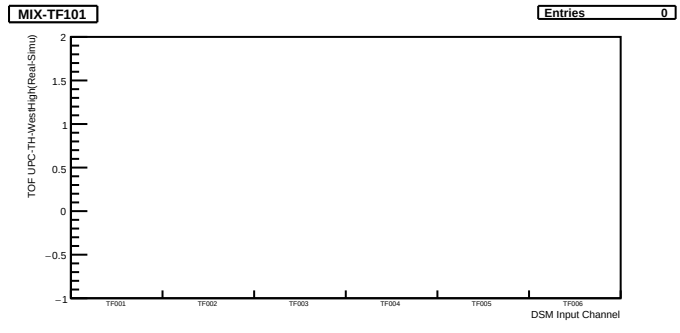

MIX-TF101
Entries 2028552
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

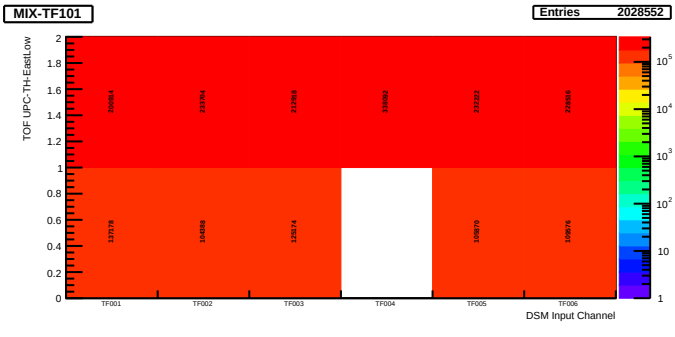

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

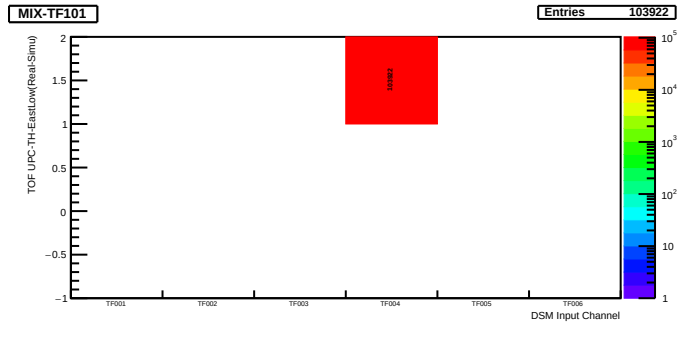

MIX-TF101
Entries 2028552
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

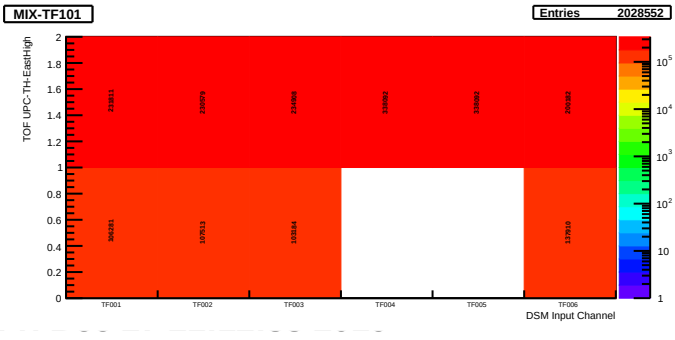

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

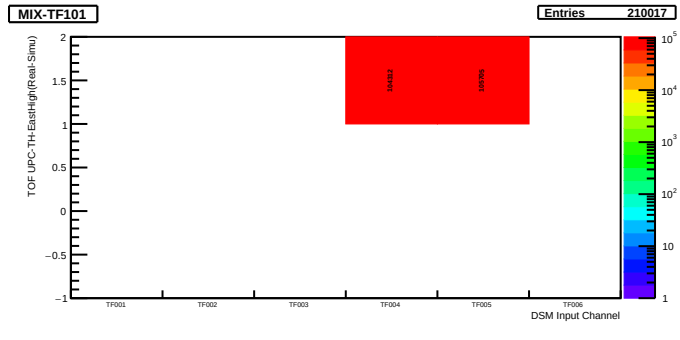

MIX-TF101
Entries 2028552
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

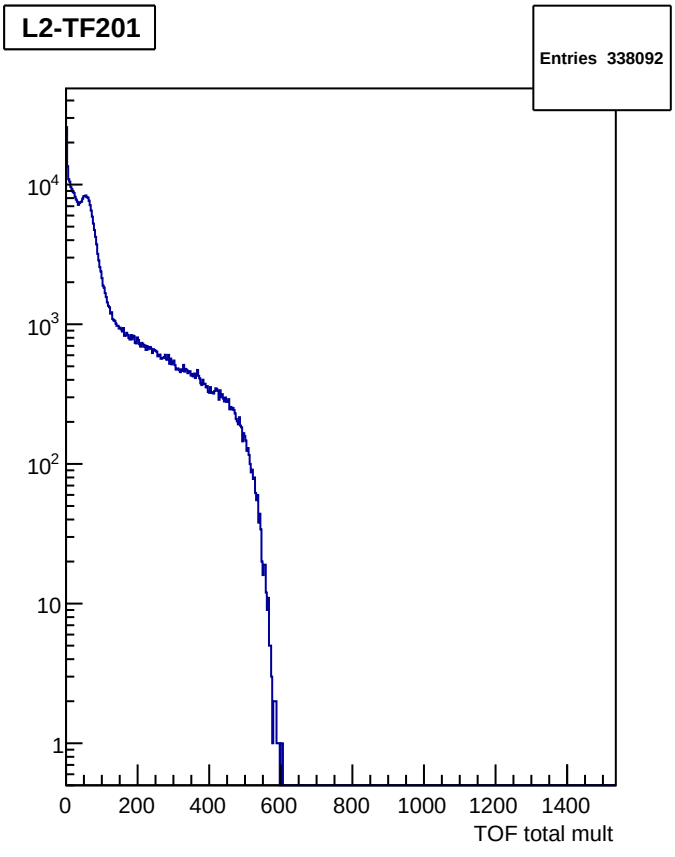

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

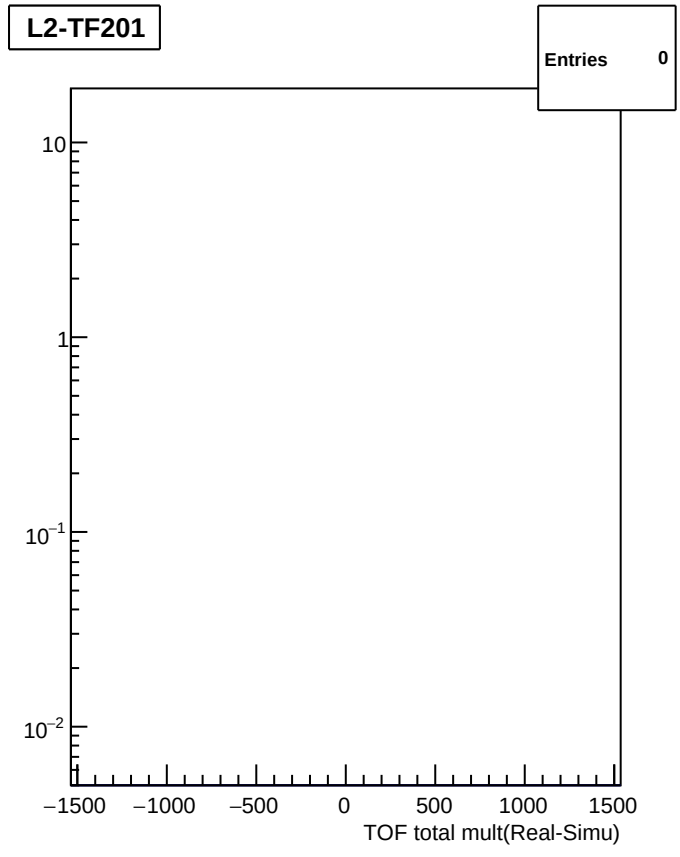

MIX-TF101
Entries 2028552
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

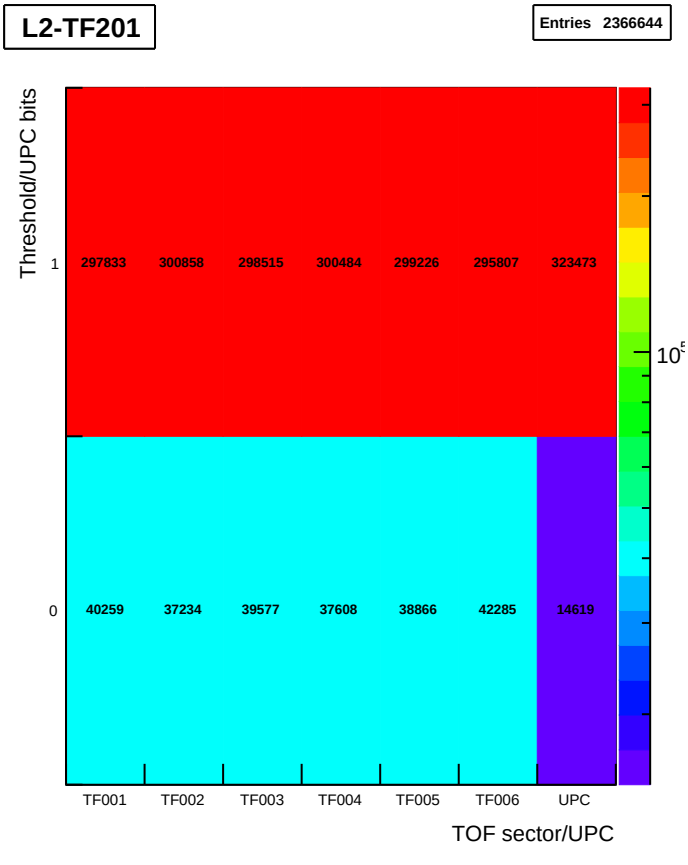

MIX-TF101
Entries 103922
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

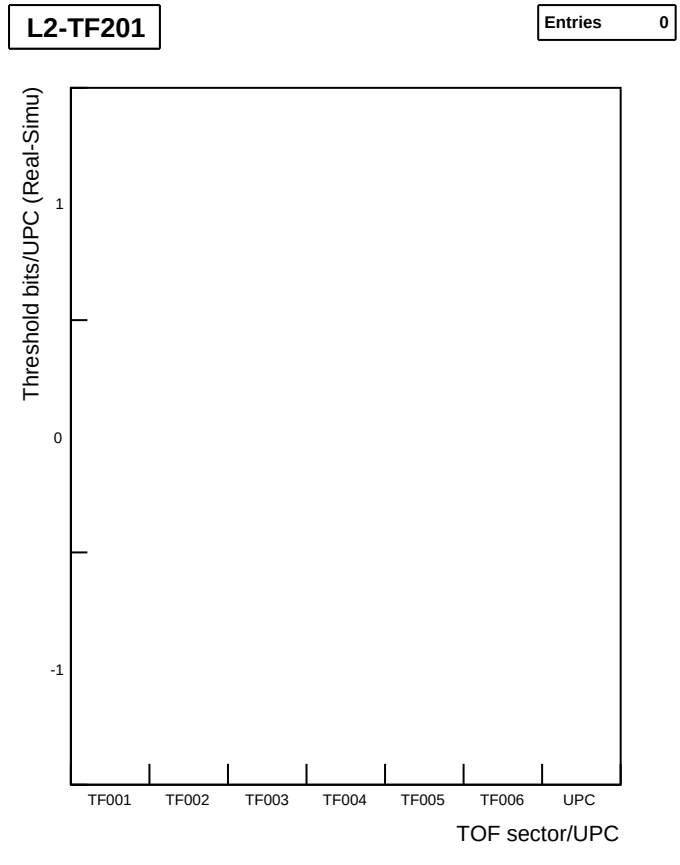

MIX-TF101
Entries 2028552
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

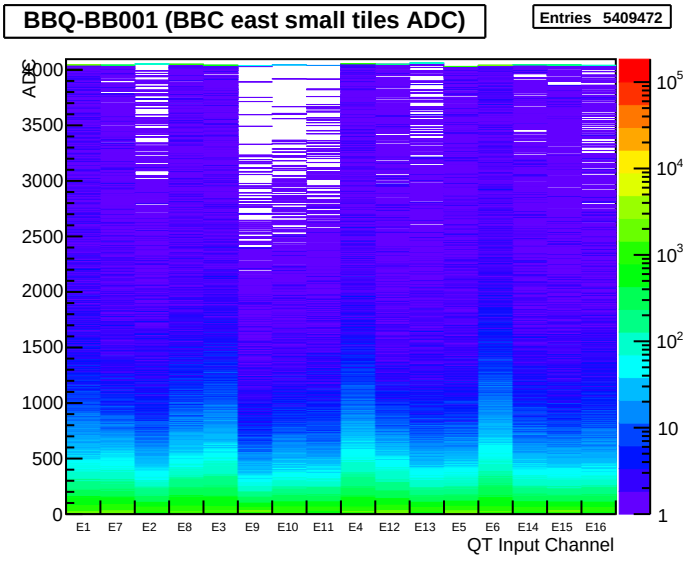

MIX-TF101
Entries 210017
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

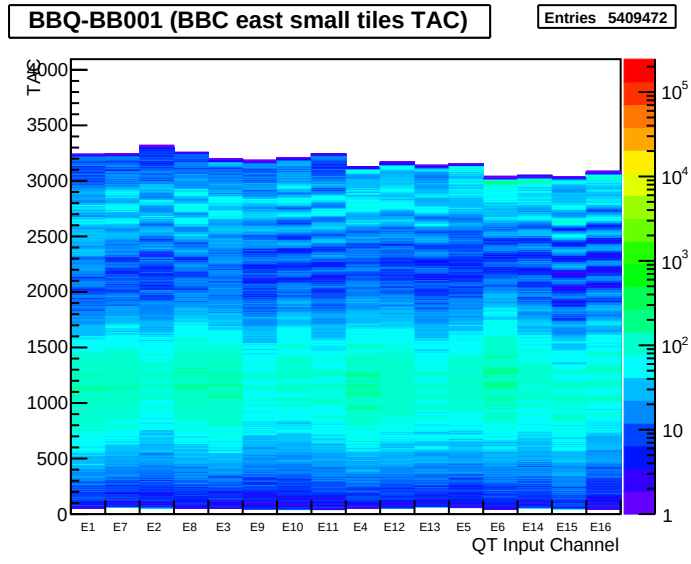

L2-TF201
Entries 338092
TOF total mult

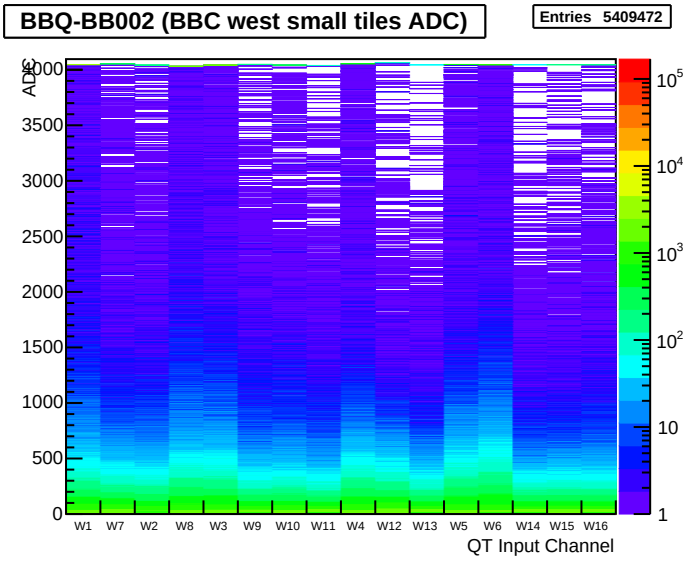

L2-TF201
Entries 0
TOF total mult(Real-Simu)

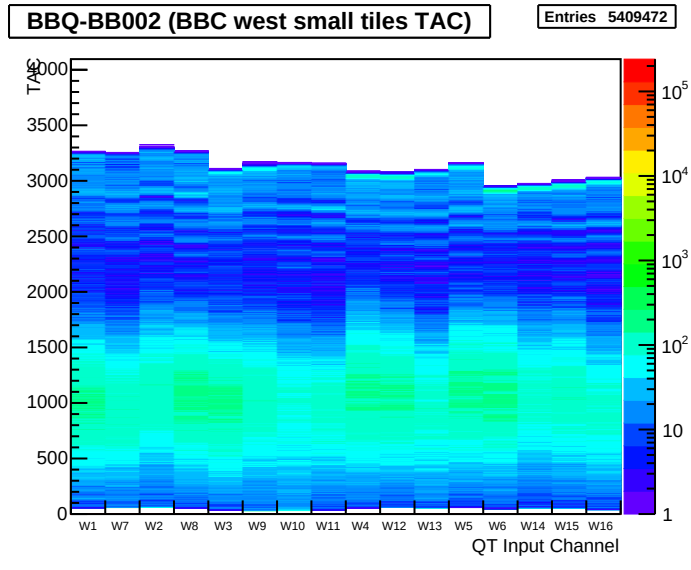

L2-TF201
Entries 2366644
Threshold/UPC bits
297833 300858 298515 300484 299226 295807 323473
40259 37234 39577 37608 38866 42285 14619
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

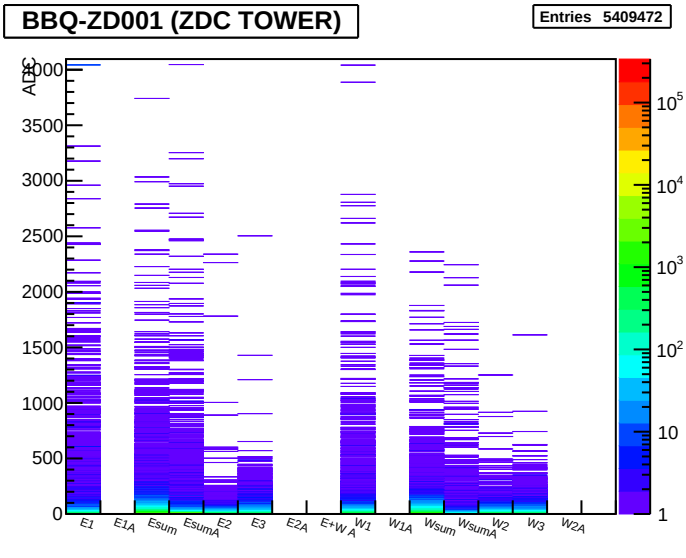

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

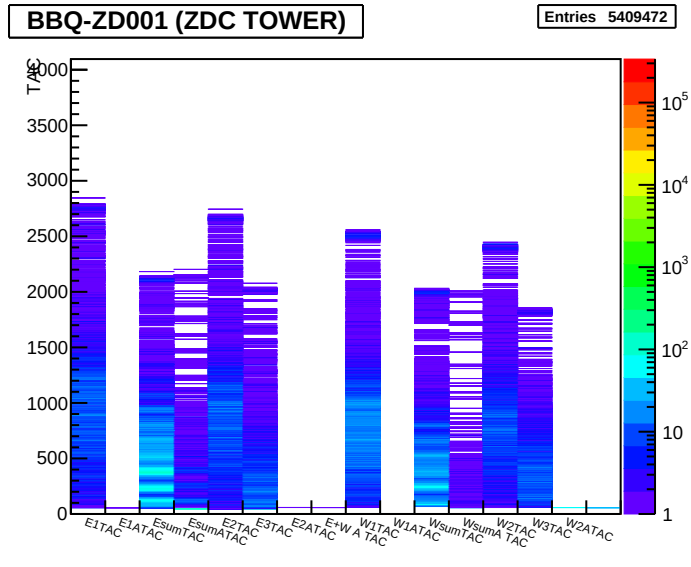

BBQ-BB001 (BBC east small tiles ADC)
Entries 5409472
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

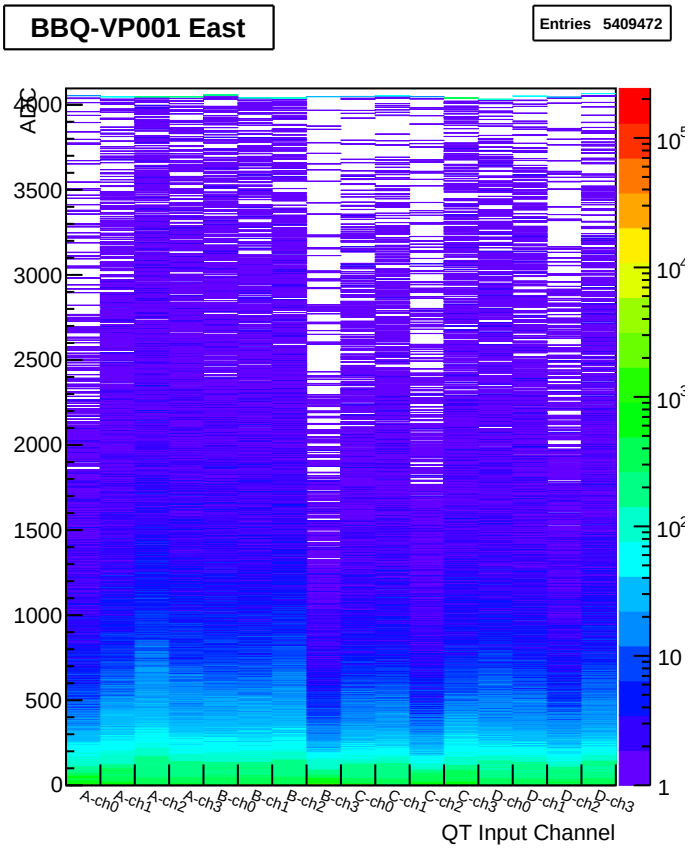

BBQ-BB001 (BBC east small tiles TAC)
Entries 5409472
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

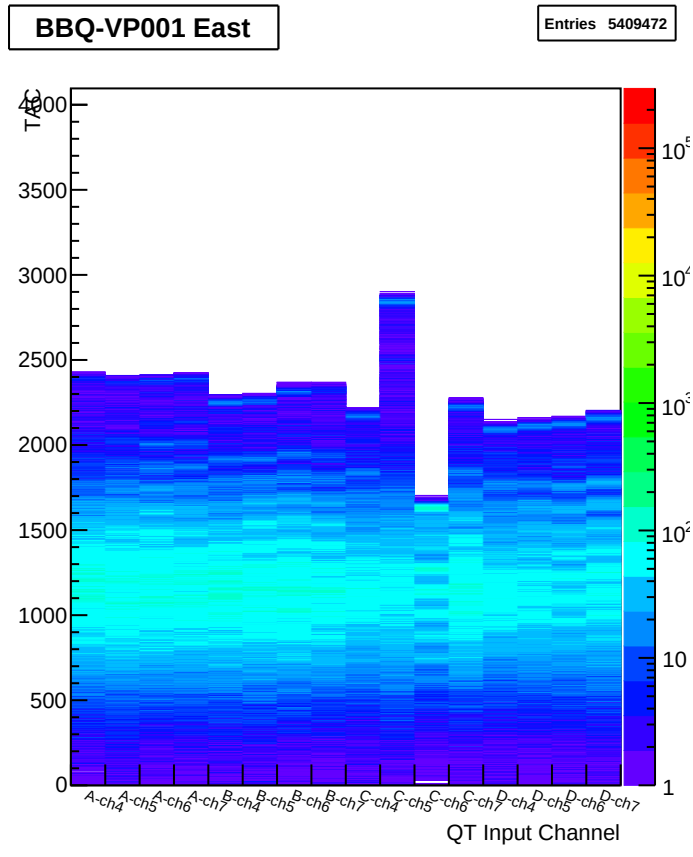

BBQ-BB002 (BBC west small tiles ADC)
Entries 5409472
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

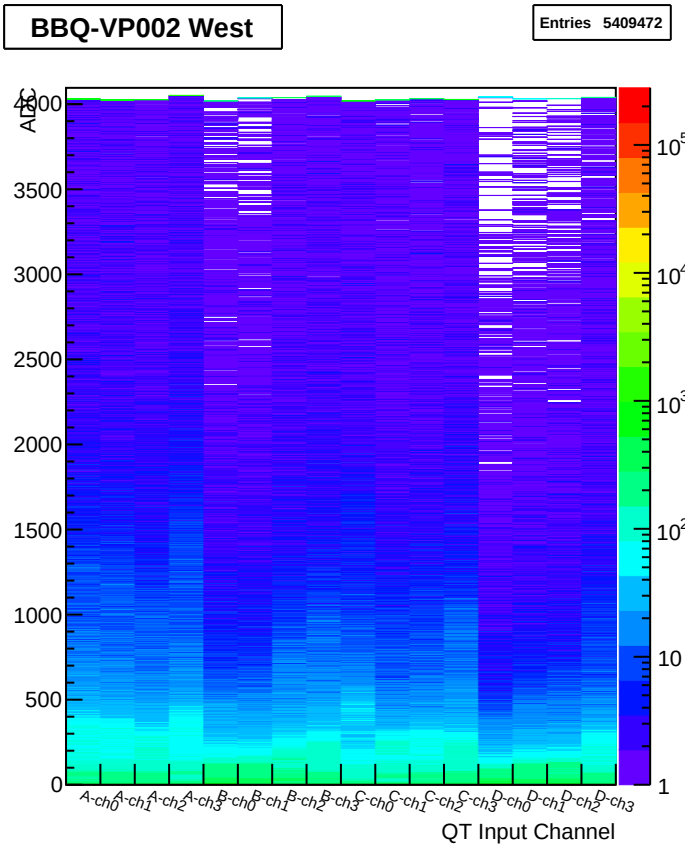

BBQ-BB002 (BBC west small tiles TAC)
Entries 5409472
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

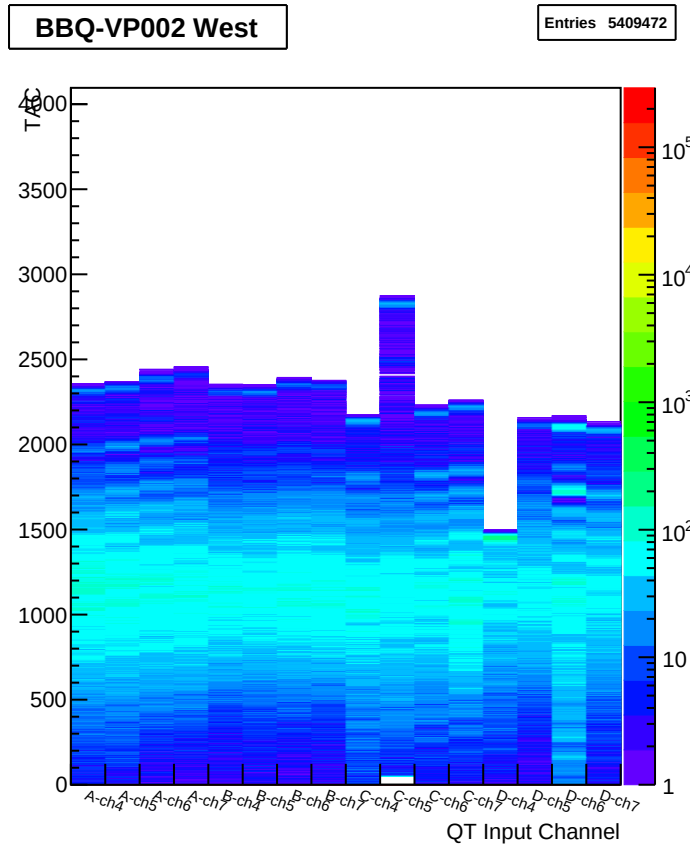

BBQ-ZD001 (ZDC TOWER)
Entries 5409472
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

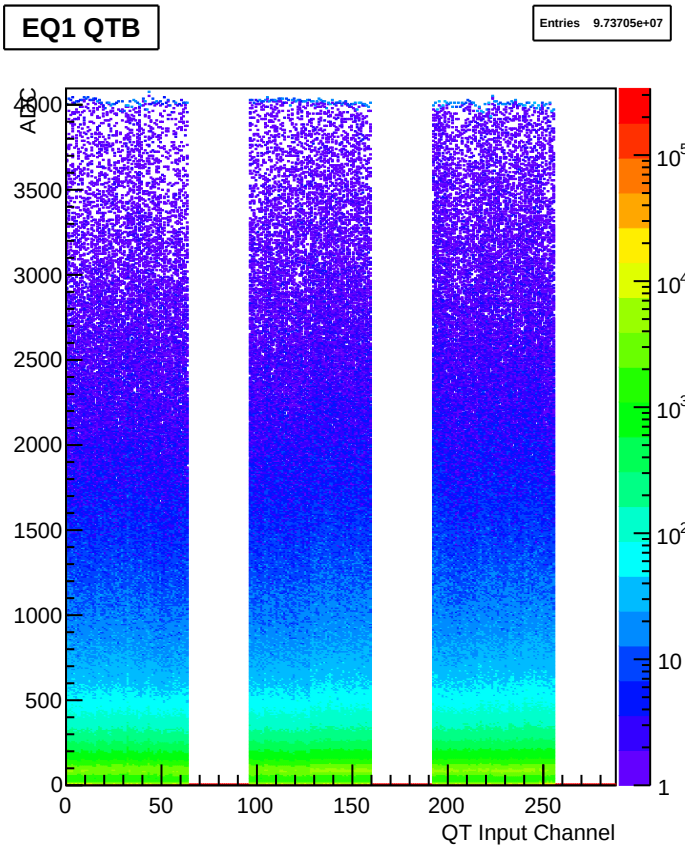

BBQ-ZD001 (ZDC TOWER)
Entries 5409472
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

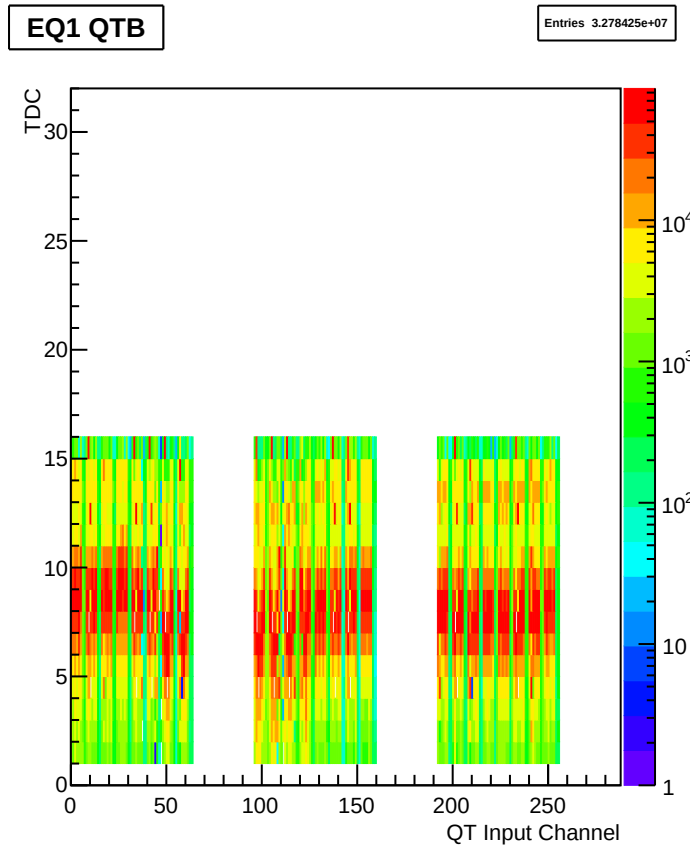

BBQ-VP001 East
Entries 5409472
ADC
QT Input Channel

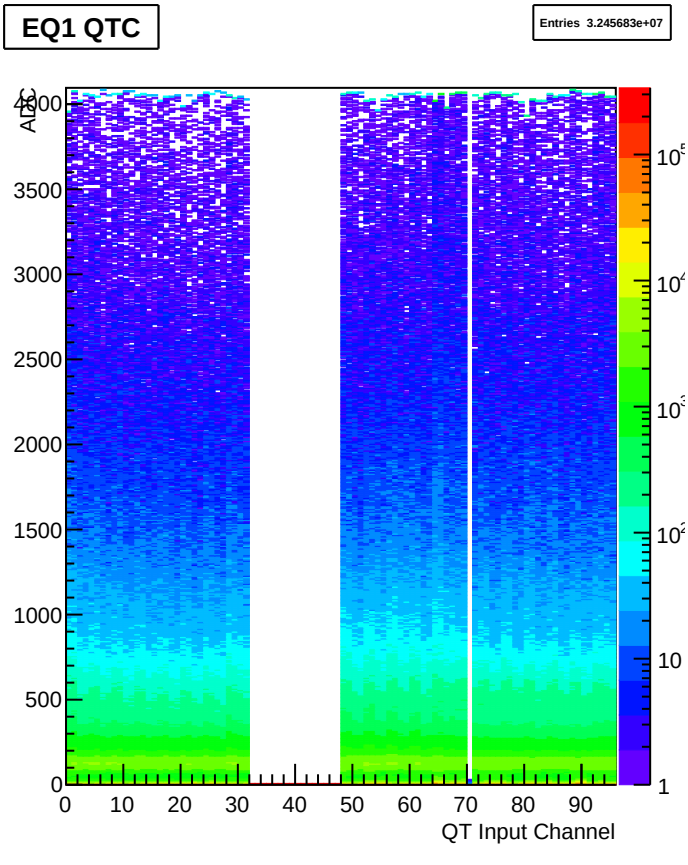

BBQ-VP001 East
Entries 5409472
ADC
QT Input Channel

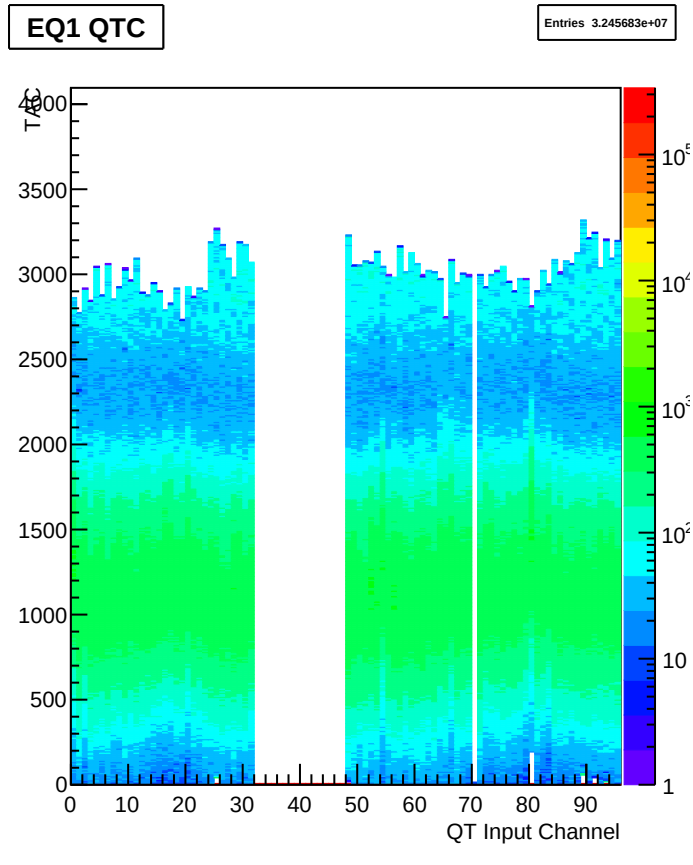

BBQ-VP002 West
Entries 5409472
ADC
QT Input Channel

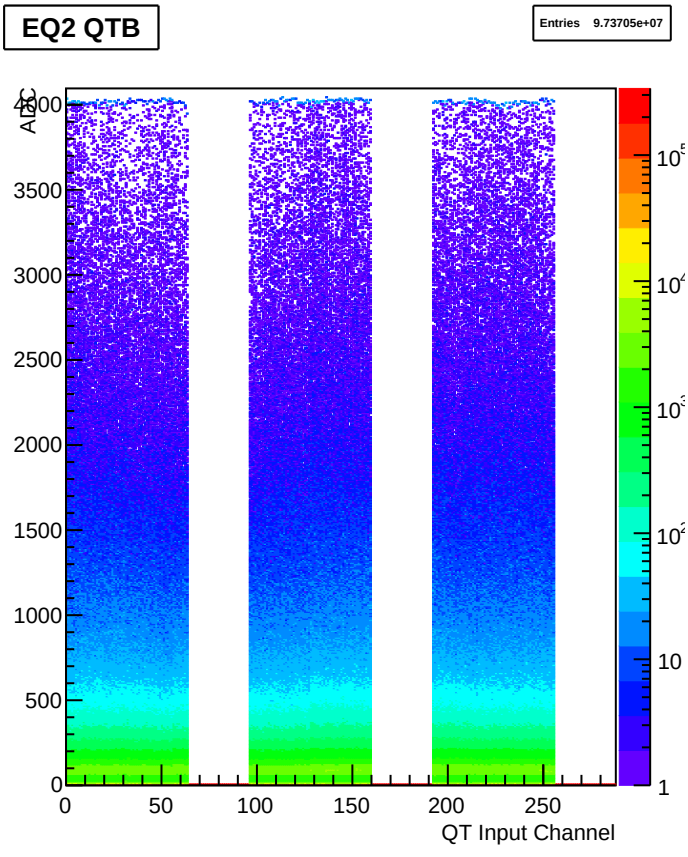

BBQ-VP002 West
Entries 5409472
ADC
QT Input Channel

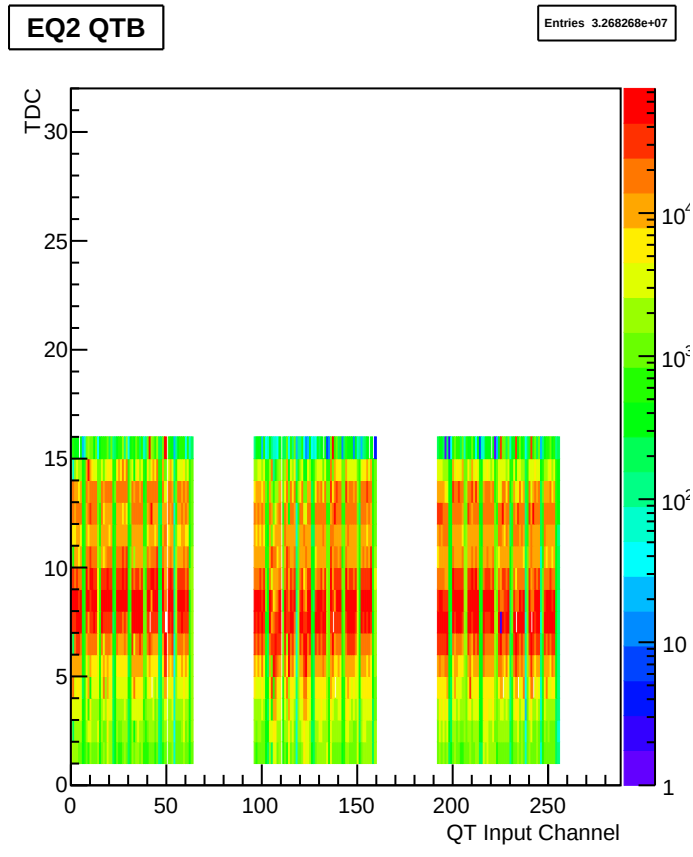

EQ1 QTB
Entries 9.73705e+07
ADC
QT Input Channel

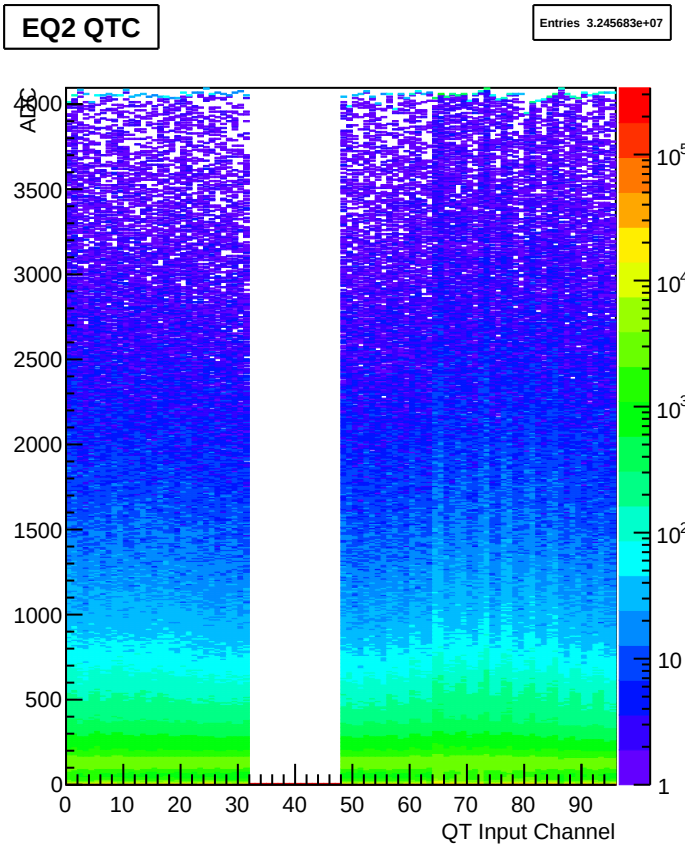

EQ1 QTB
Entries 3.278425e+07
TDC
QT Input Channel

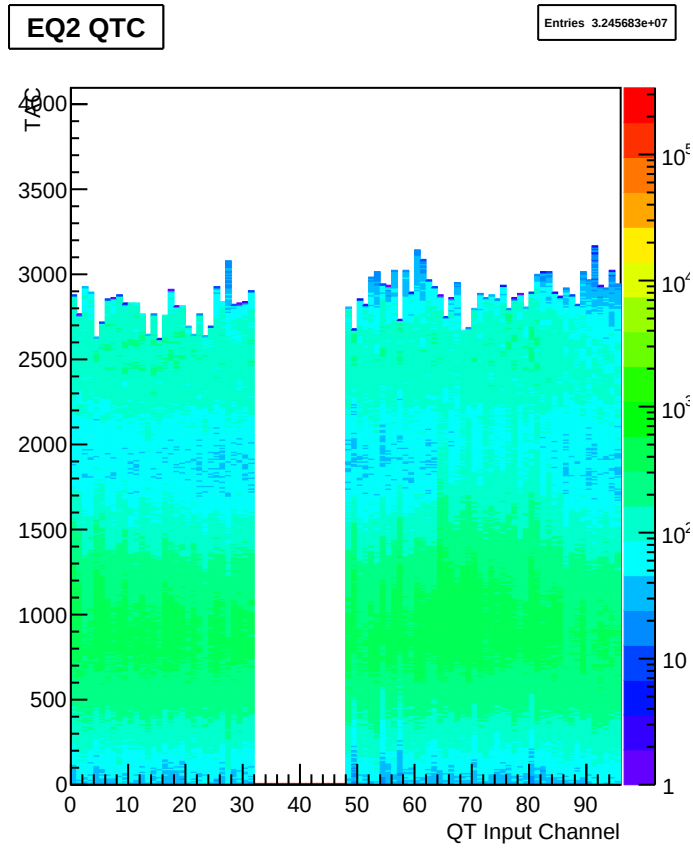

EQ1 QTC
Entries 3.245683e+07
ADC
QT Input Channel

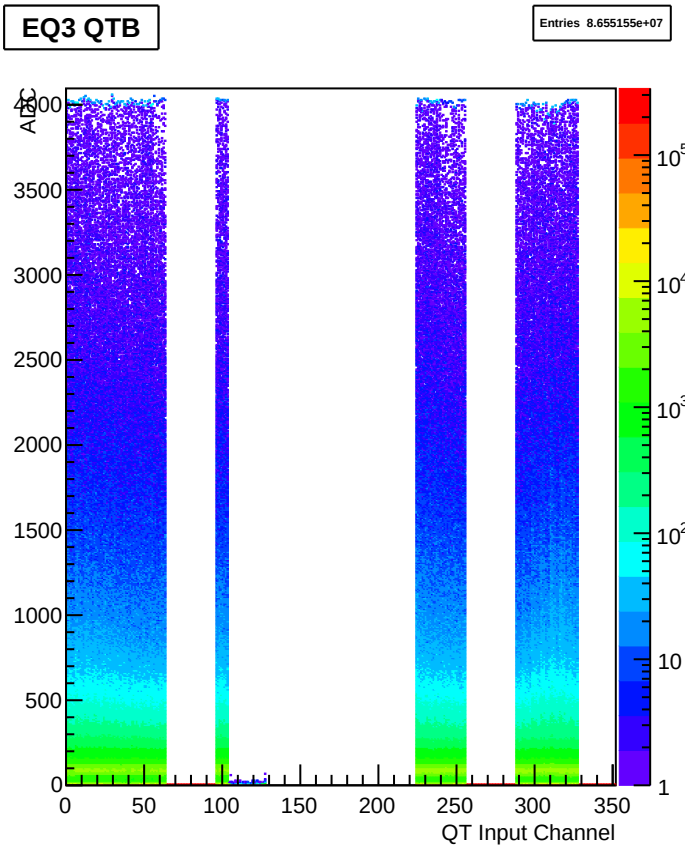

EQ1 QTC
Entries 3.245683e+07
TADC
QT Input Channel

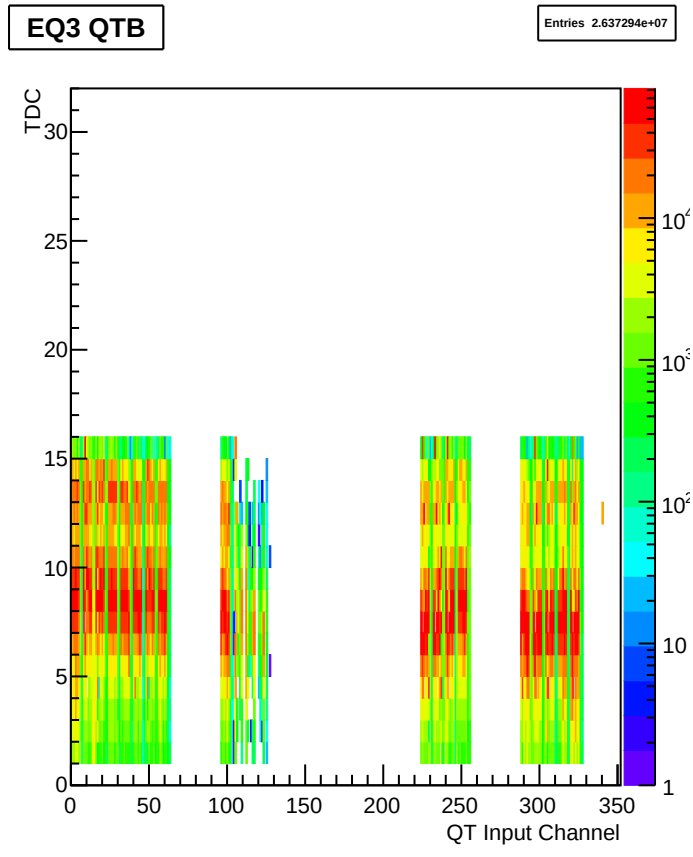

EQ2 QTB
Entries 9.73705e+07
ADC
QT Input Channel

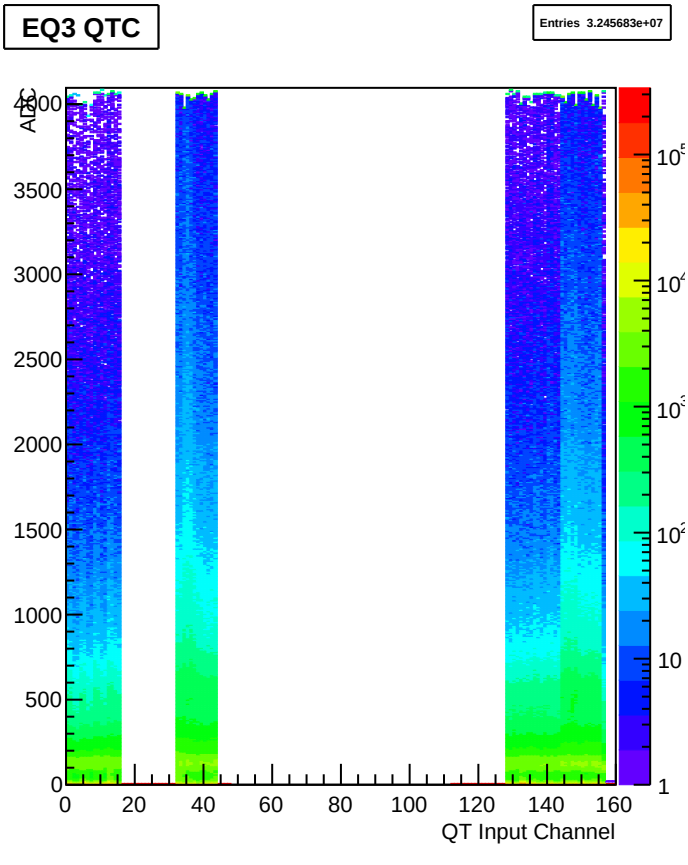

EQ2 QTB
Entries 3.268268e+07
TDC
QT Input Channel

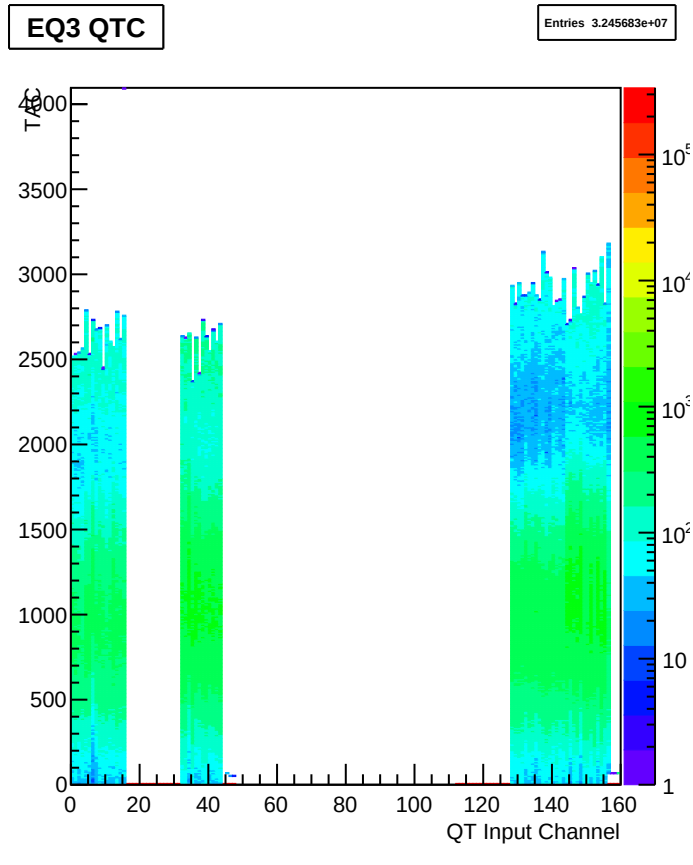

EQ2 QTC
Entries 3.245683e+07
ADC
QT Input Channel

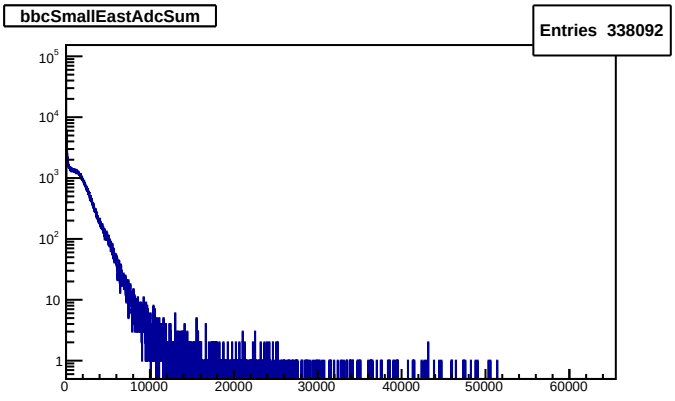

EQ2 QTC
Entries 3.245683e+07
TADC
QT Input Channel

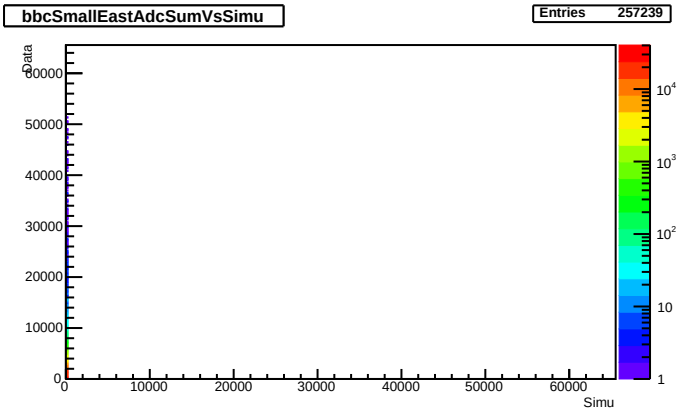

EQ3 QTB
Entries 8.655155e+07
ADC
QT Input Channel

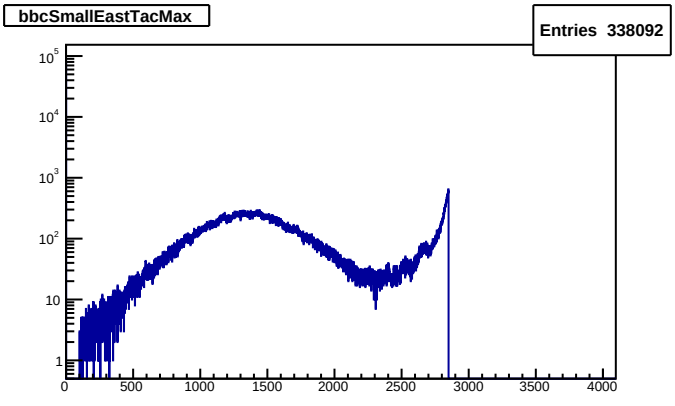

EQ3 QTB
Entries 2.637294e+07
TDC
QT Input Channel

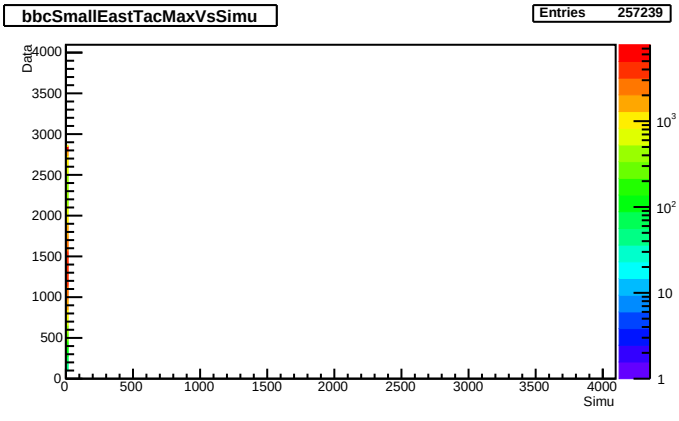

EQ3 QTC
Entries 3.245683e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.245683e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 338092


bbcSmallEastAdcSumVsSimu
Entries 257239
Data
Simu


bbcSmallEastTacMax
Entries 338092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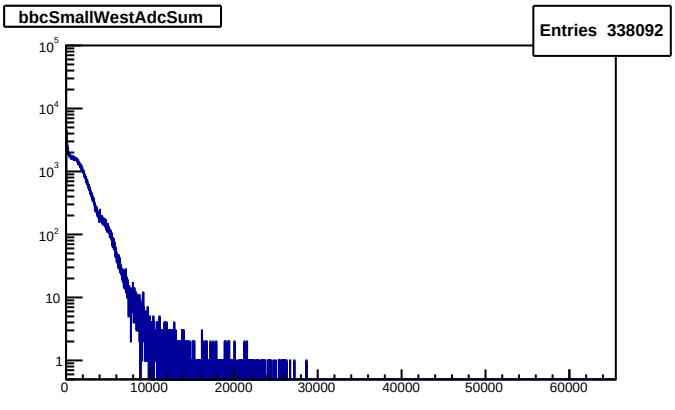
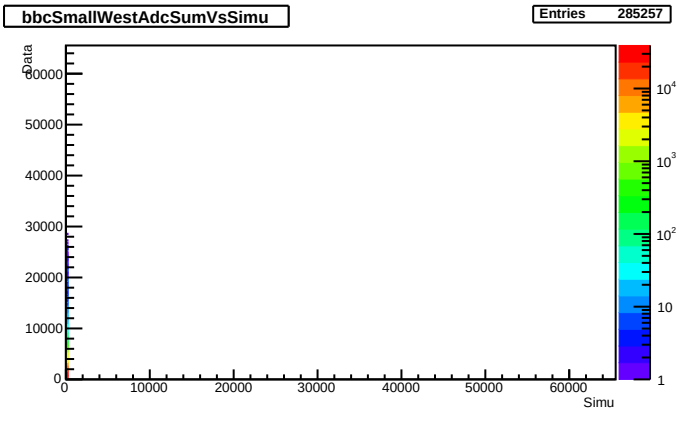
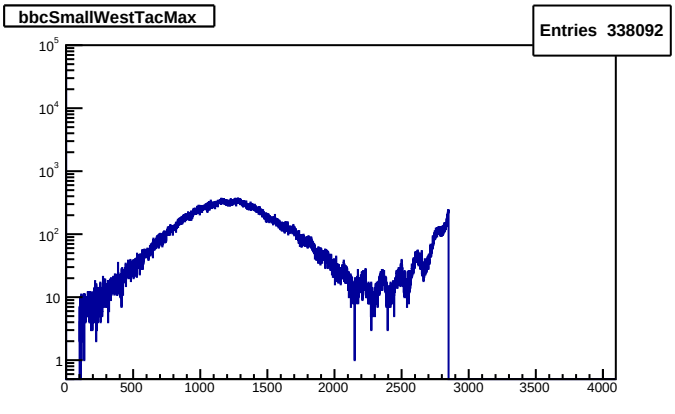
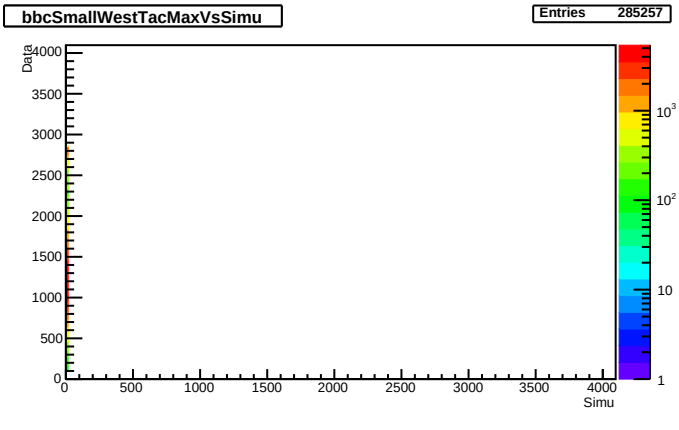
Entries 257239
Data
Simu


bbcSmallWestAdcSum
Entries 338092


bbcSmallWestAdcSumVsSimu
Entries 285257
Data
Simu


bbcSmallWestTacMax
Entries 338092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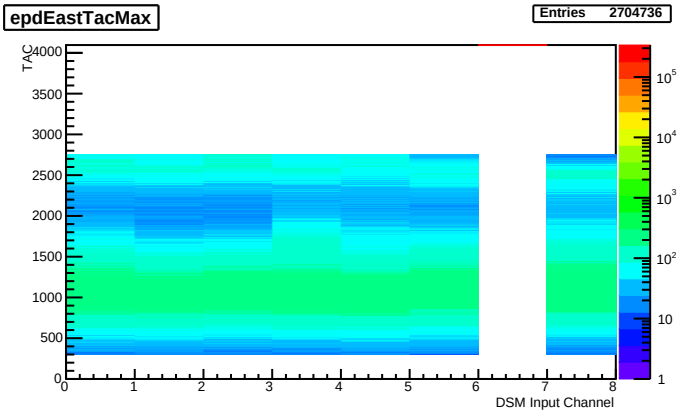
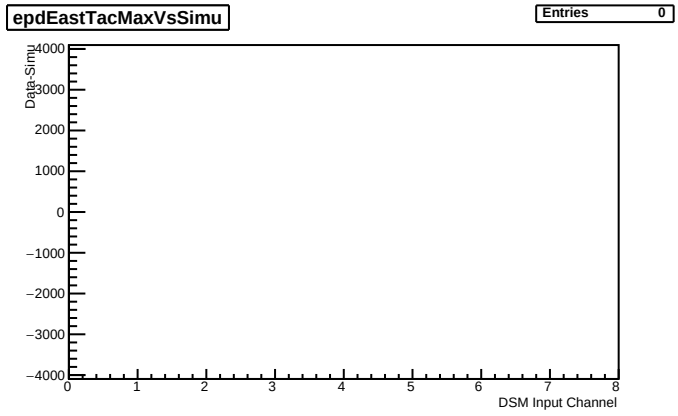
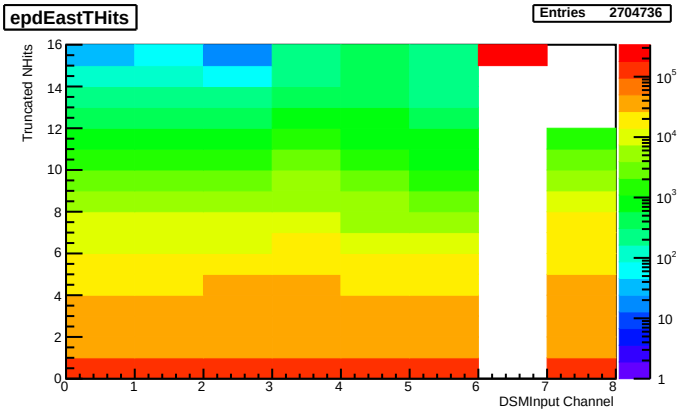
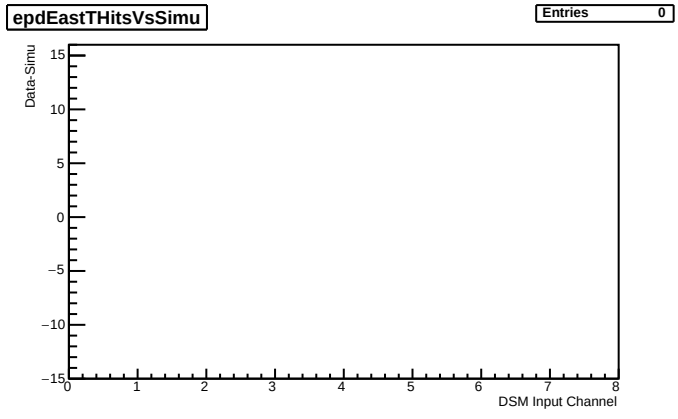
Entries 285257
Data
Simu


epdEastTacMax
Entries 2704736
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2704736
Truncated NHits
DSMInput Channel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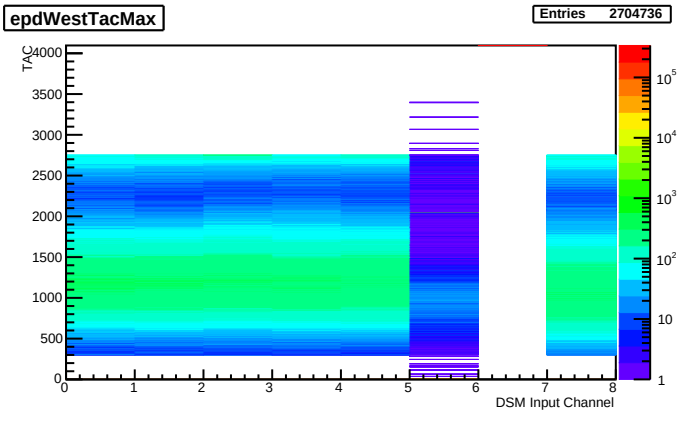
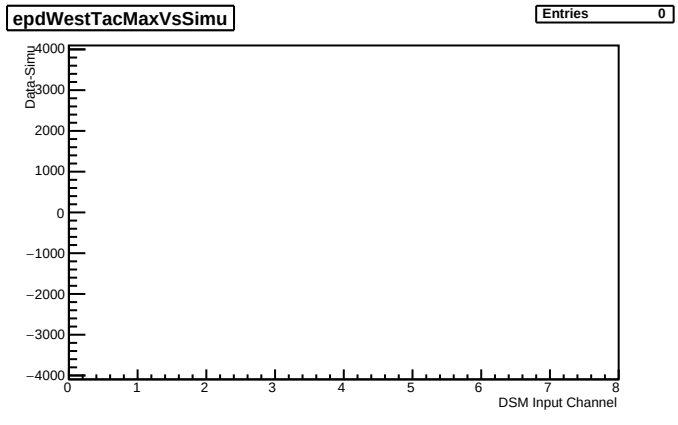
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2704736
TAC
DSM Input Channel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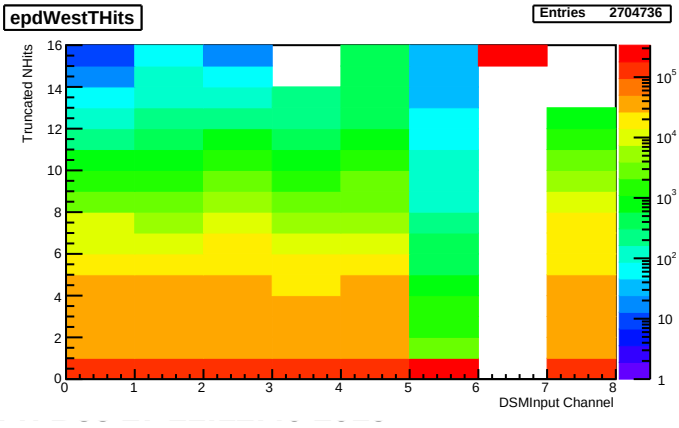
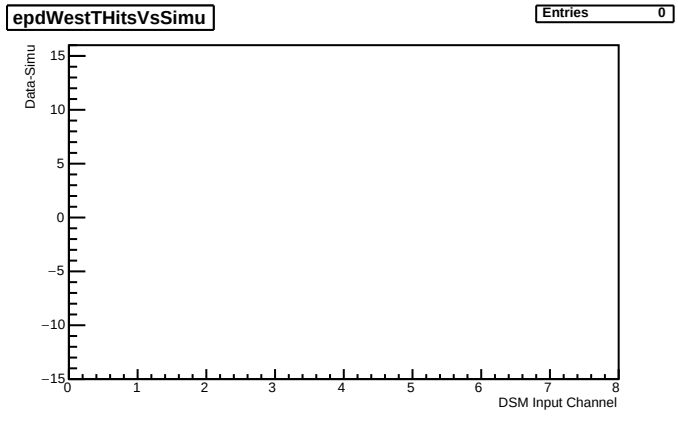
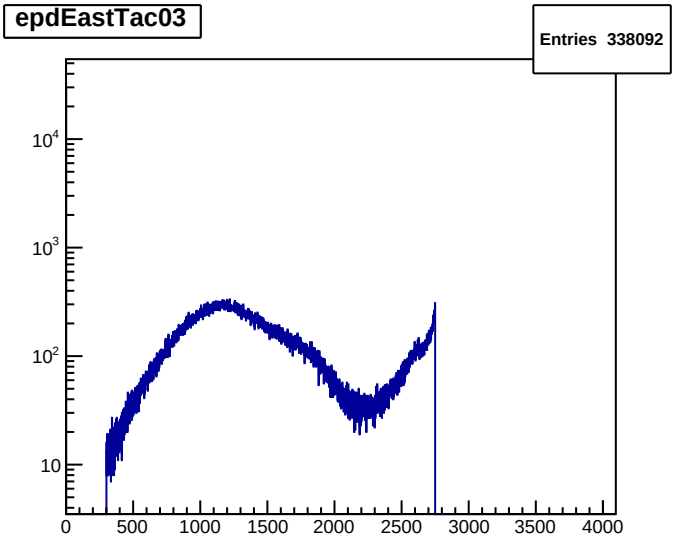
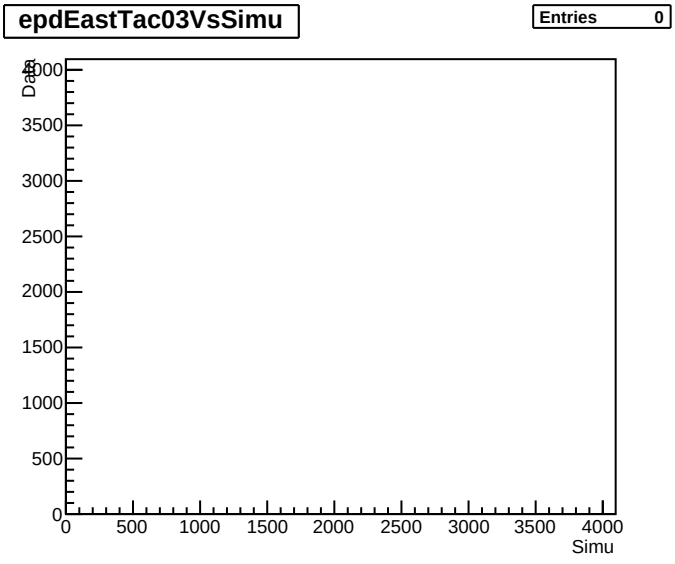
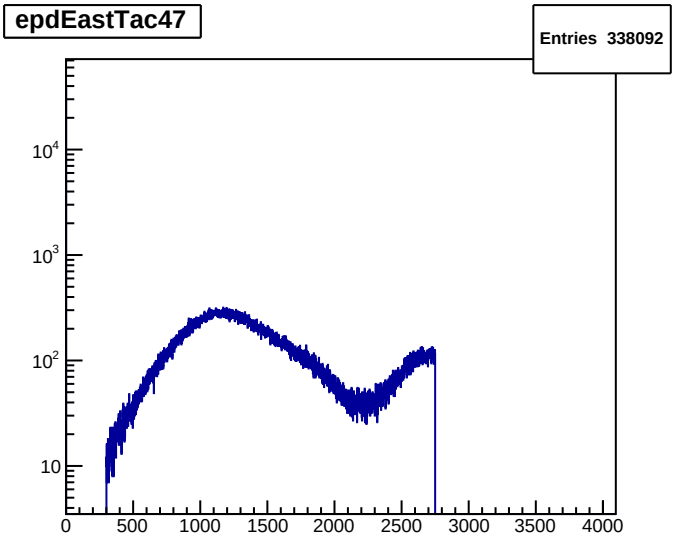
Entries 0
Data-Simu
DSM Input Channel

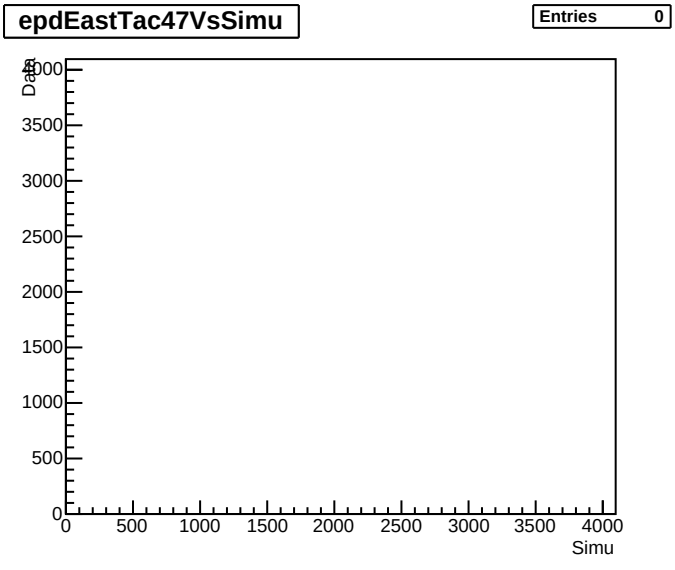

epdWestTHits
Entries 2704736
Truncated NHits
DSMInput Channel

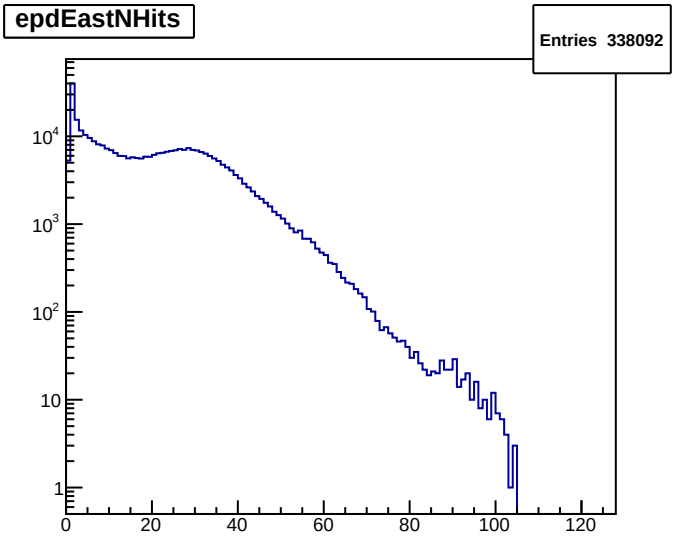

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

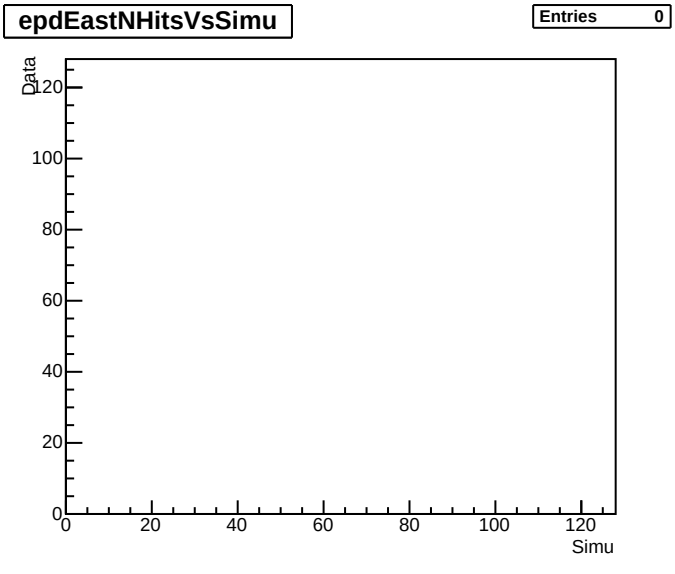

epdEastTac03
Entries 338092


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 338092


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 338092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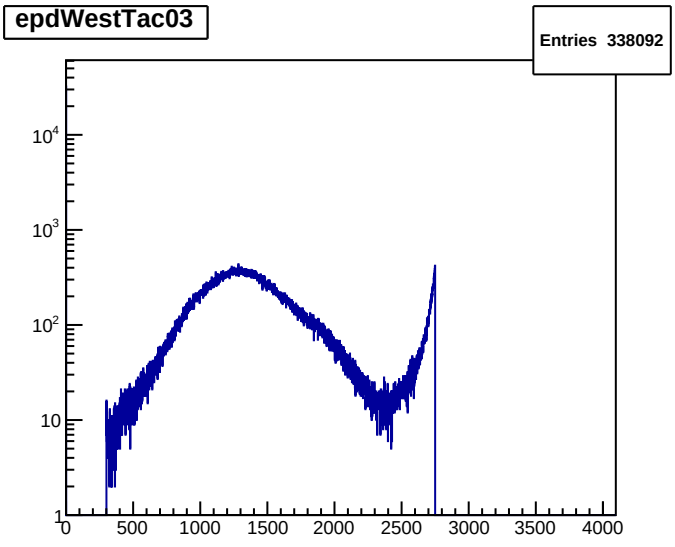
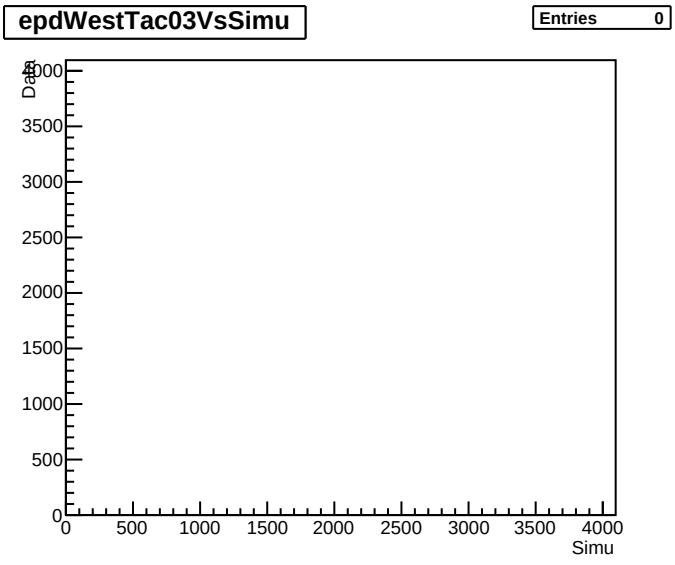
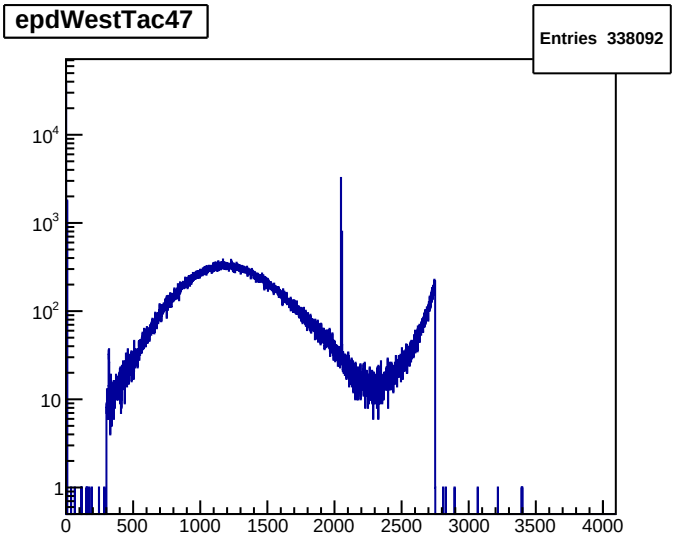
Entries 0
Data
Simu


epdWestTac03
Entries 338092


epdWestTac03VsSimu
Entries 0
Data
Simu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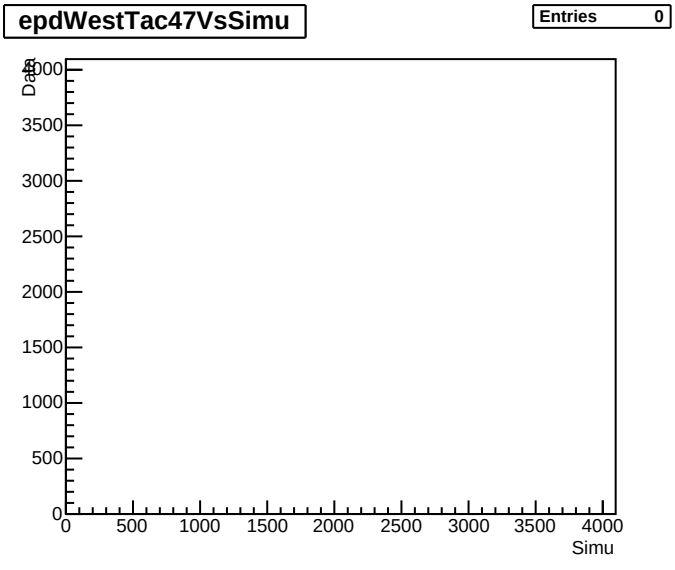
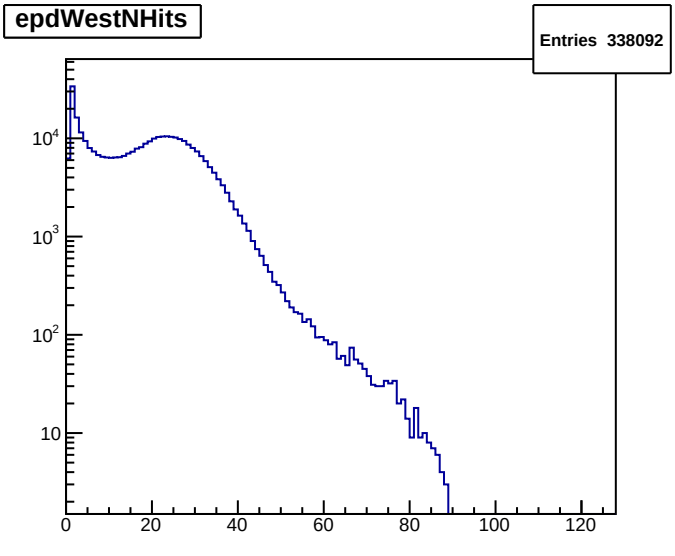
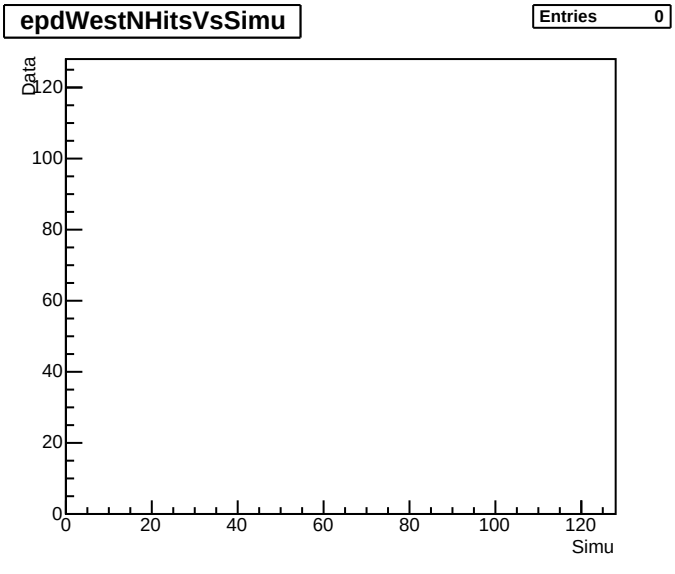
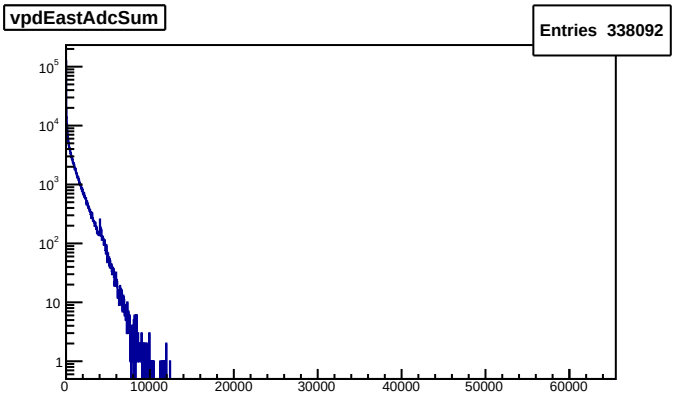
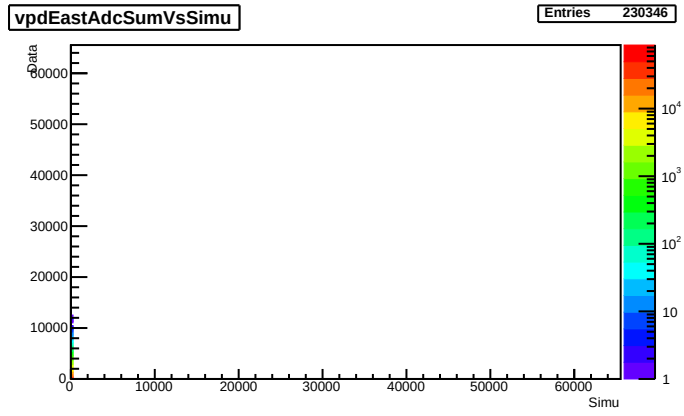
Entries 338092

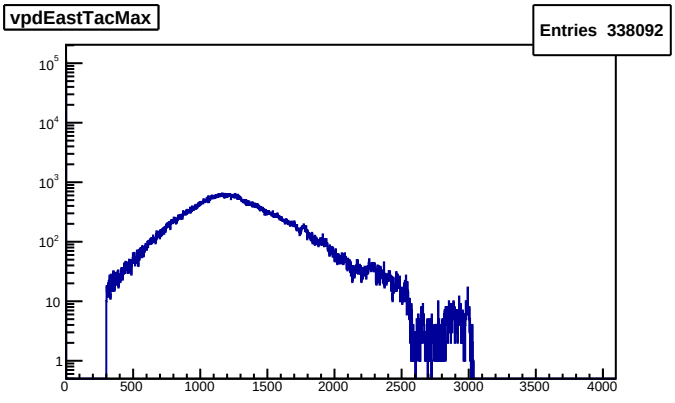

epdWestTac47VsSimu
Entries 0
Data
Simu

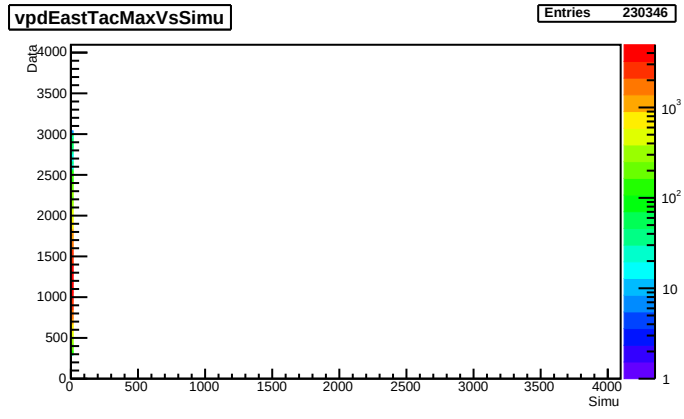

epdWestNHits
Entries 338092

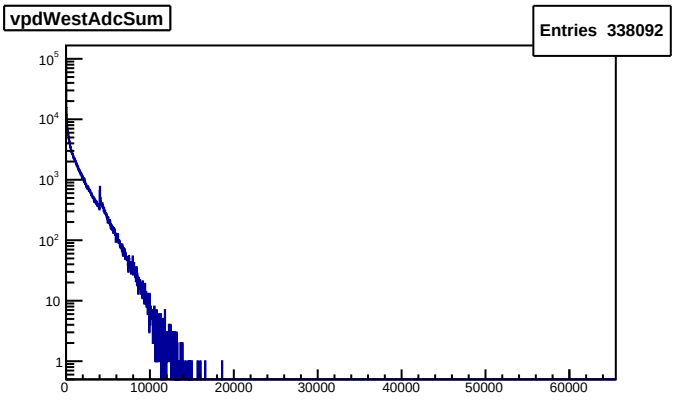

epdWestNHitsVsSimu
Entries 0
Data
Simu

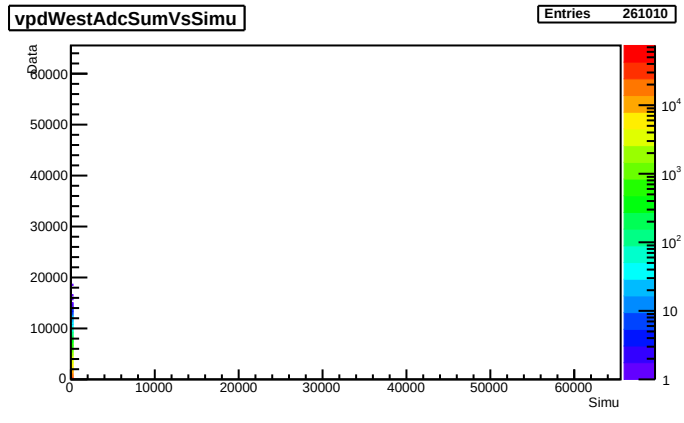

vpdEastAdcSum
Entries 338092

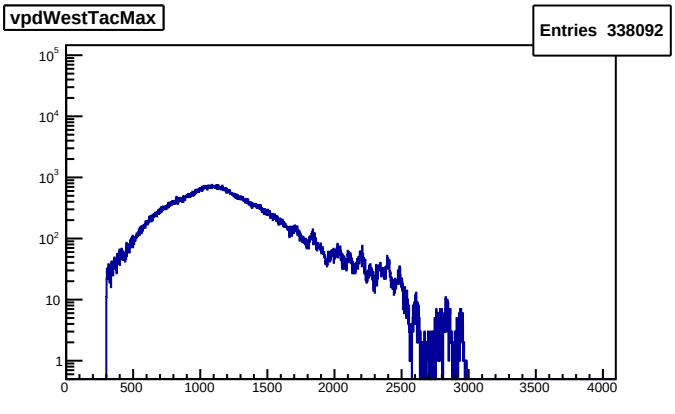

vpdEastAdcSumVsSimu
Entries 230346
Data
Simu

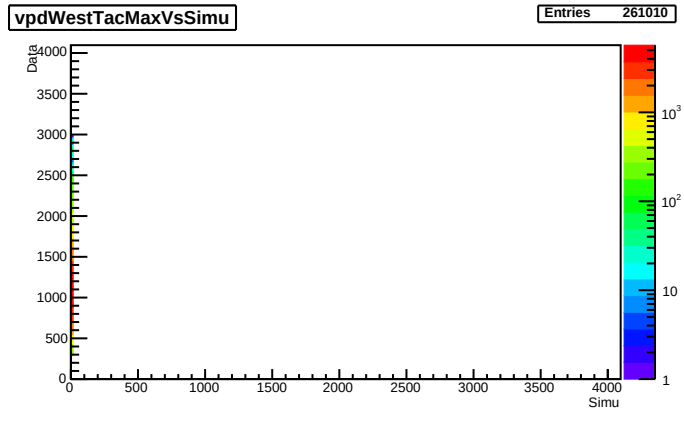

vpdEastTacMax
Entries 338092

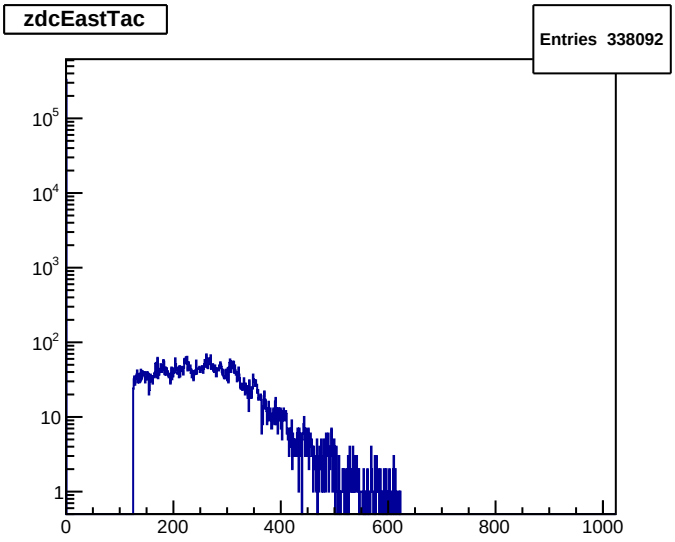

vpdEastTacMaxVsSimu
Entries 230346
Data
Simu

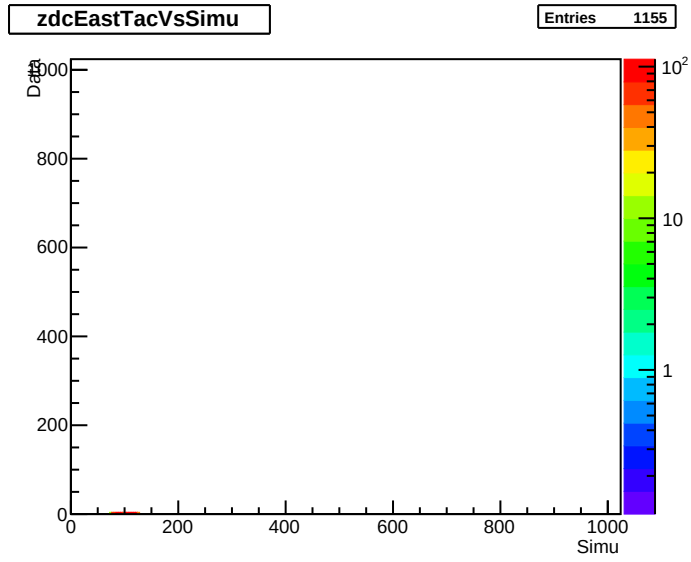

vpdWestAdcSum
Entries 338092

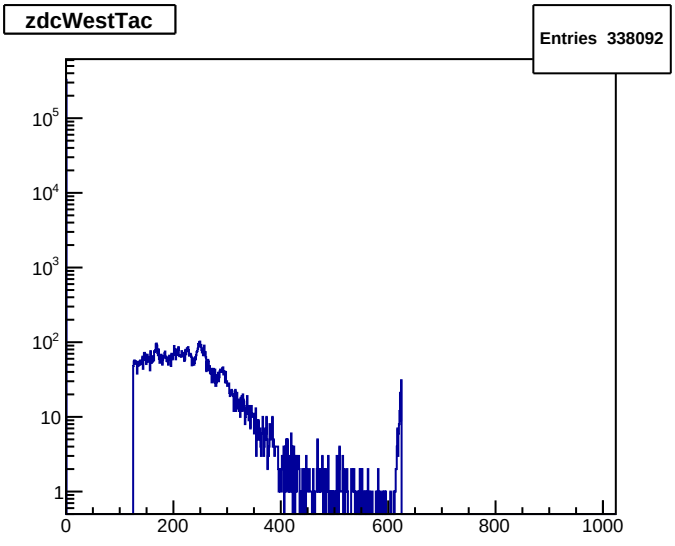

vpdWestAdcSumVsSimu
Entries 261010
Data
Simu

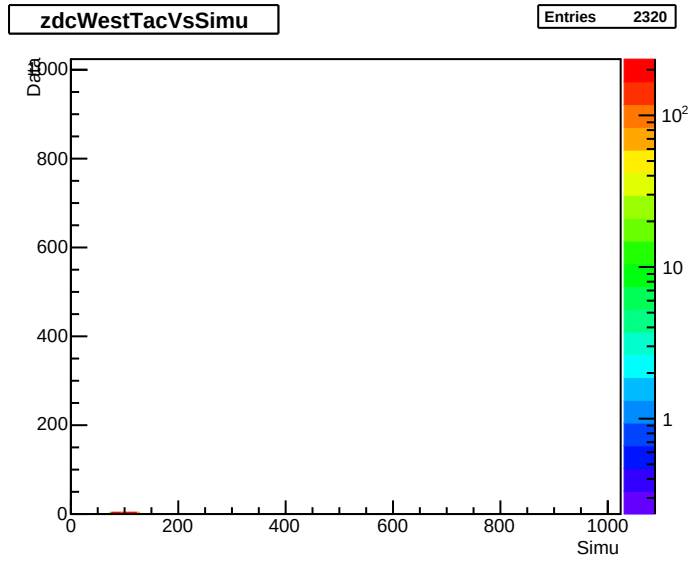

vpdWestTacMax
Entries 338092

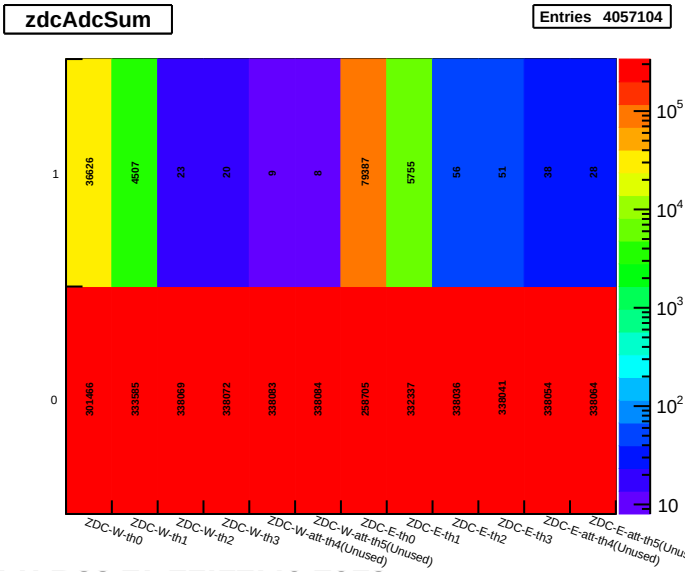

vpdWestTacMaxVsSimu
Entries 261010
Data
Simu

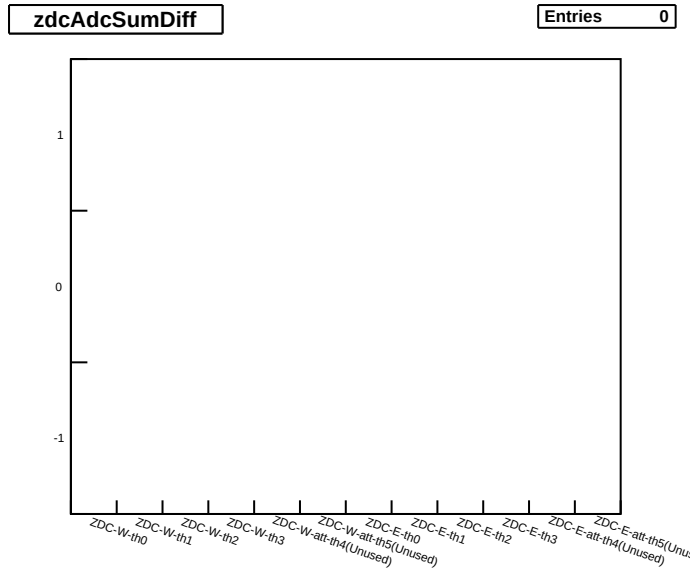

zdcEastTac
Entries 338092

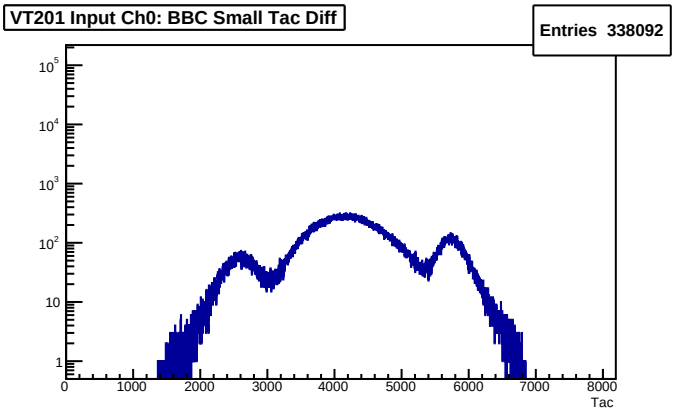

zdcEastTacVsSimu
Entries 1155
Data
Simu

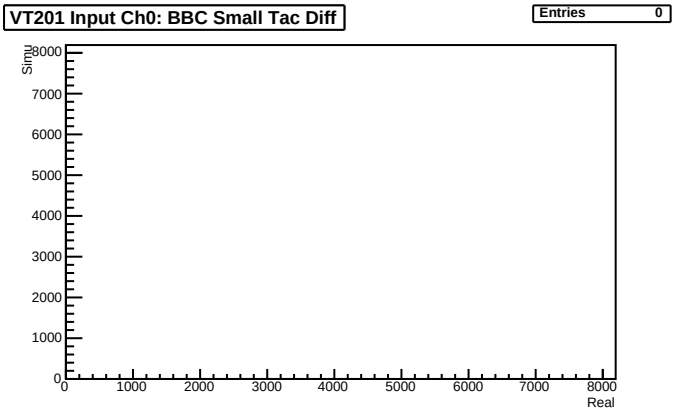

zdcWestTac
Entries 338092

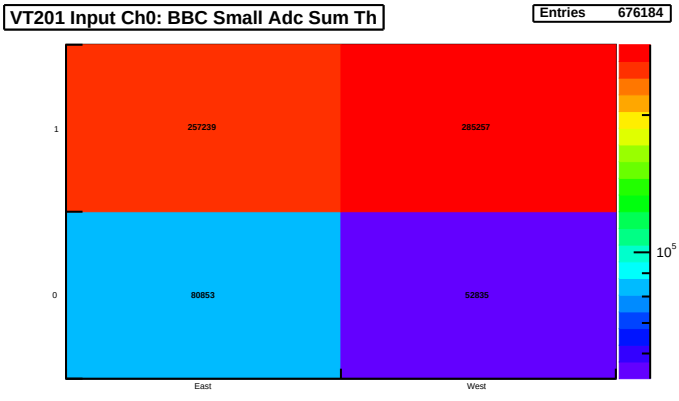

zdcWestTacVsSimu
Entries 2320
Data
Simu

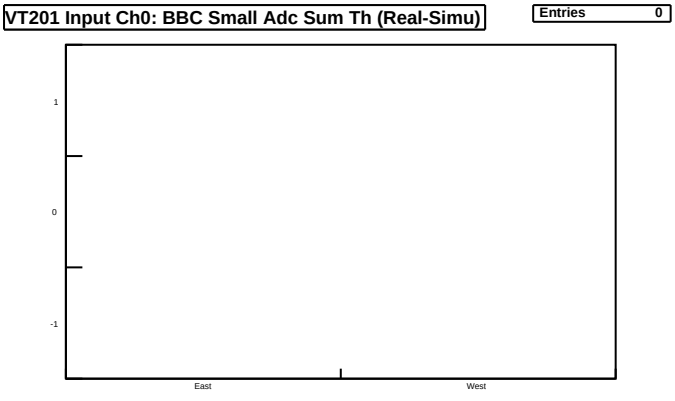

zdcAdcSum
Entries 4057104
36626
4507
23
20
9
8
79387
5755
56
51
38
28
301466
333985
338069
338072
338083
338094
258705
332337
338036
338041
338054
338064
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

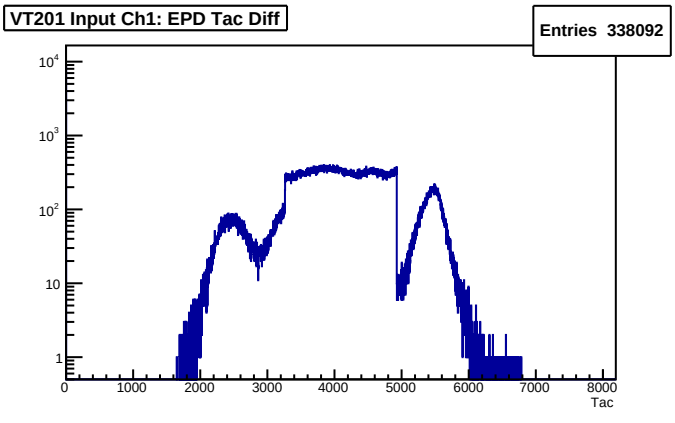

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

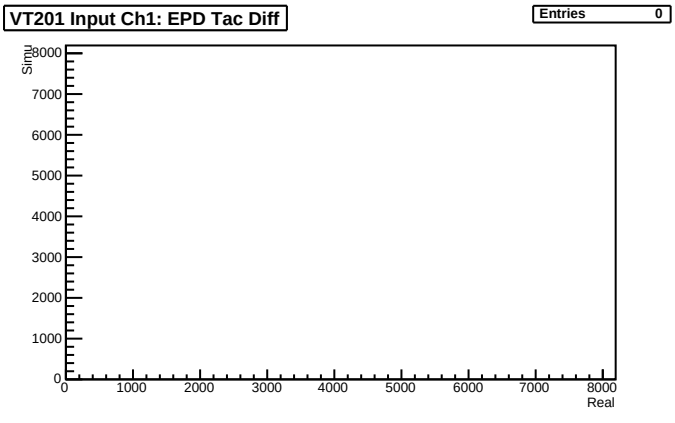

VT201 Input Ch0: BBC Small Tac Diff
Entries 338092
Tac

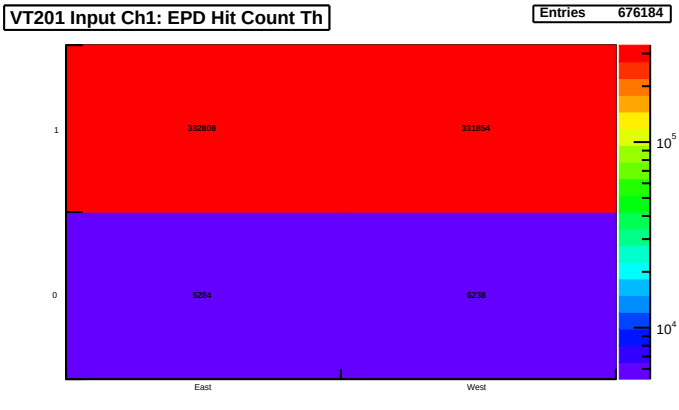

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

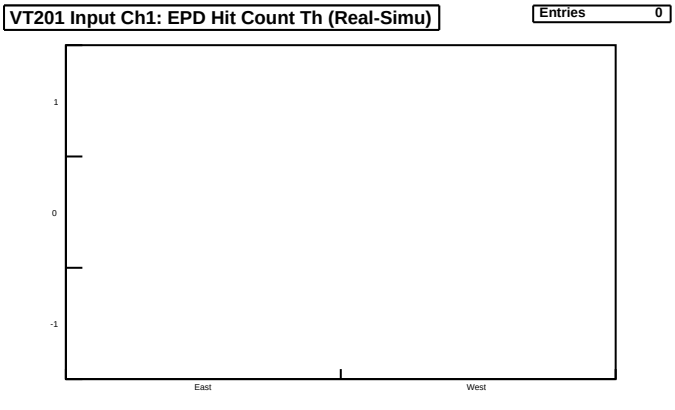

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 676184
257239
285257
80853
52835
East
West

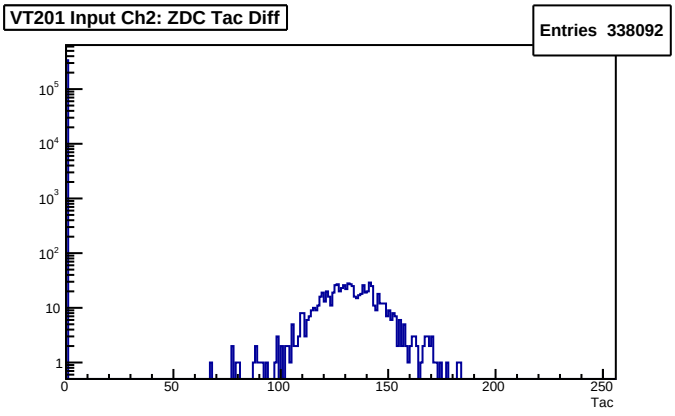

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

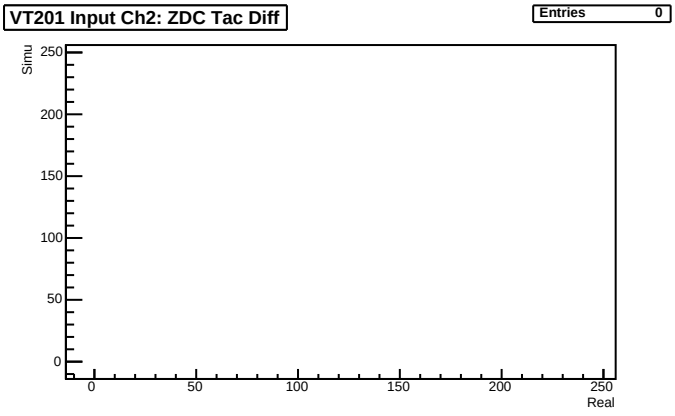

VT201 Input Ch1: EPD Tac Diff
Entries 338092
Tac

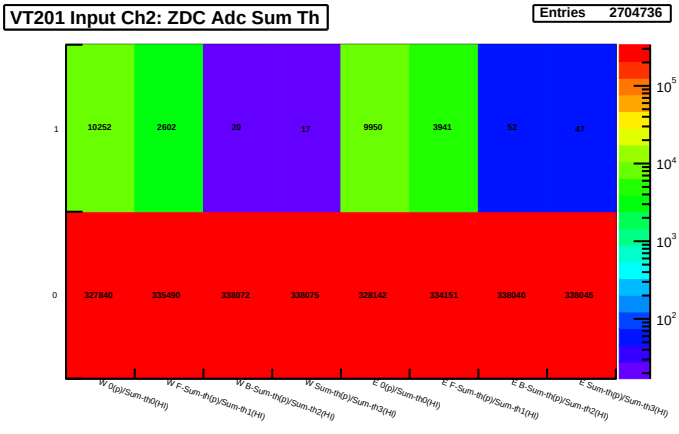

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

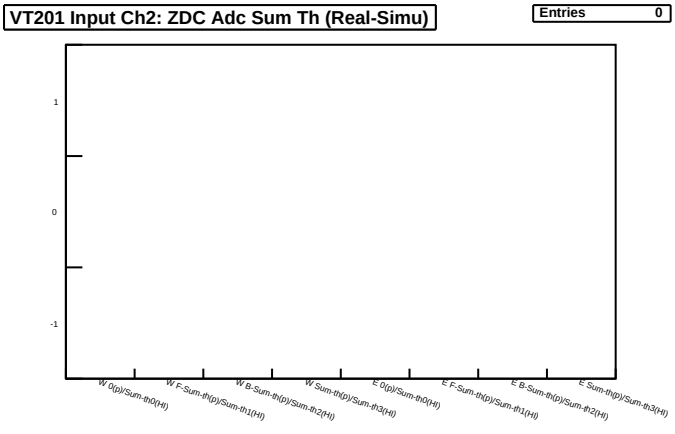

VT201 Input Ch1: EPD Hit Count Th
Entries 676184
332808
331854
5284
6238
East
West

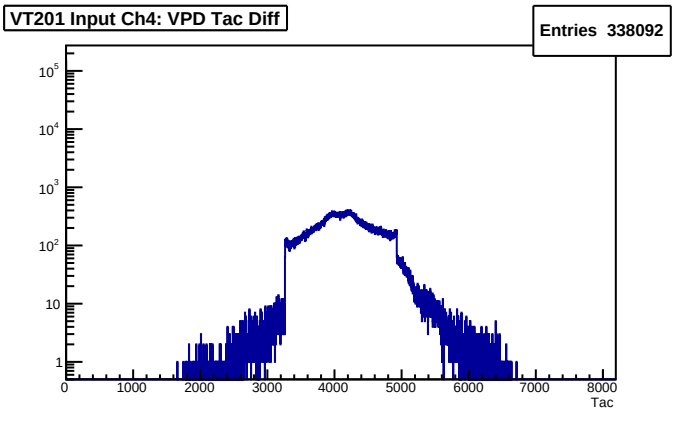

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

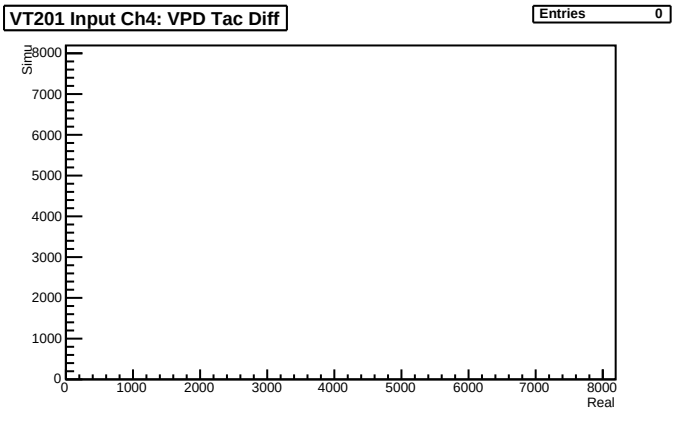

VT201 Input Ch2: ZDC Tac Diff
Entries 338092
Tac

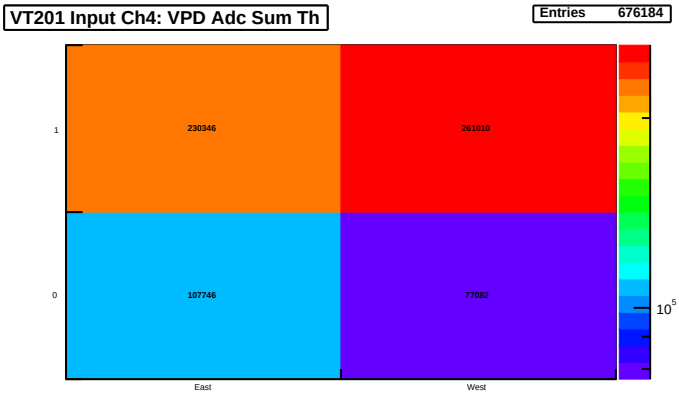

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

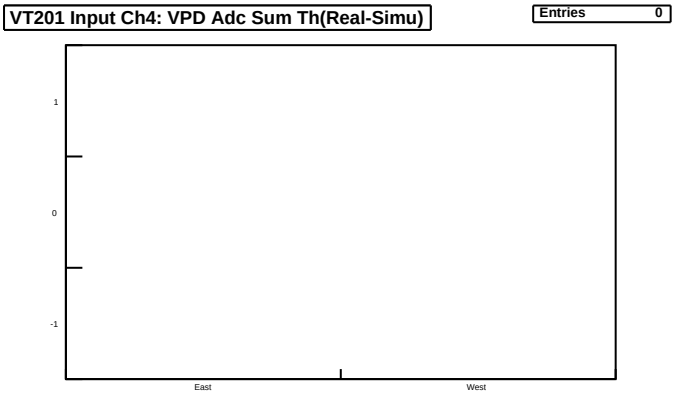

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2704736
10252
2602
20
17
9950
3941
52
47
327840
335490
338072
338075
328142
334151
338040
338045
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

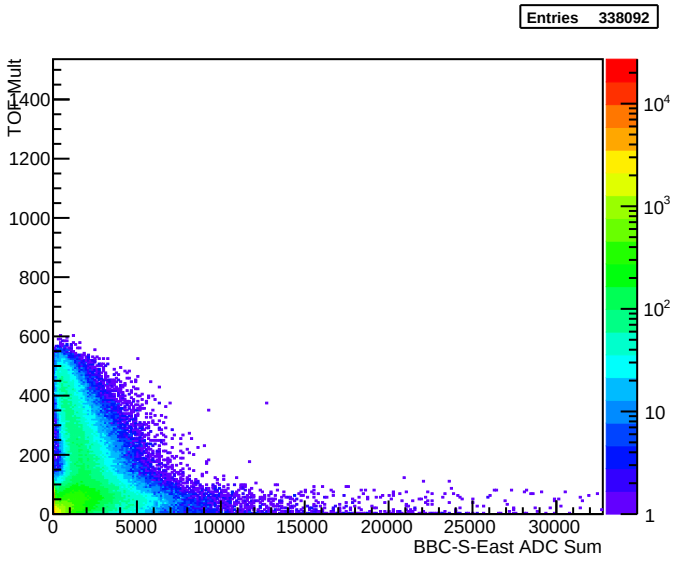

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

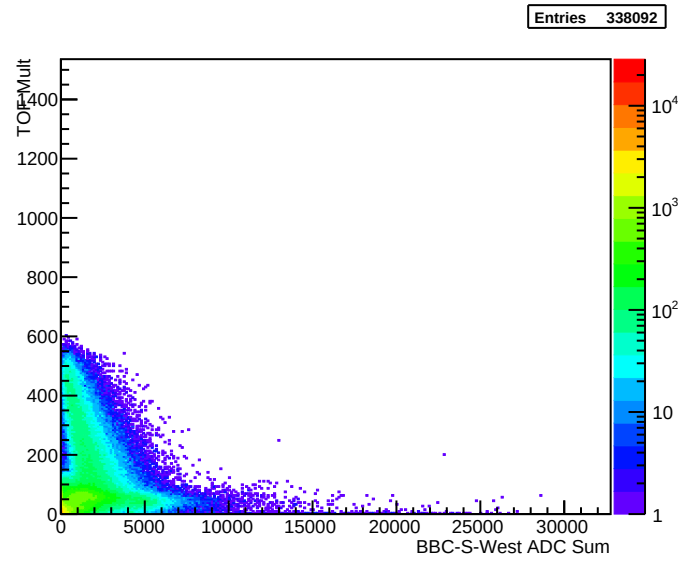

VT201 Input Ch4: VPD Tac Diff
Entries 338092
Tac

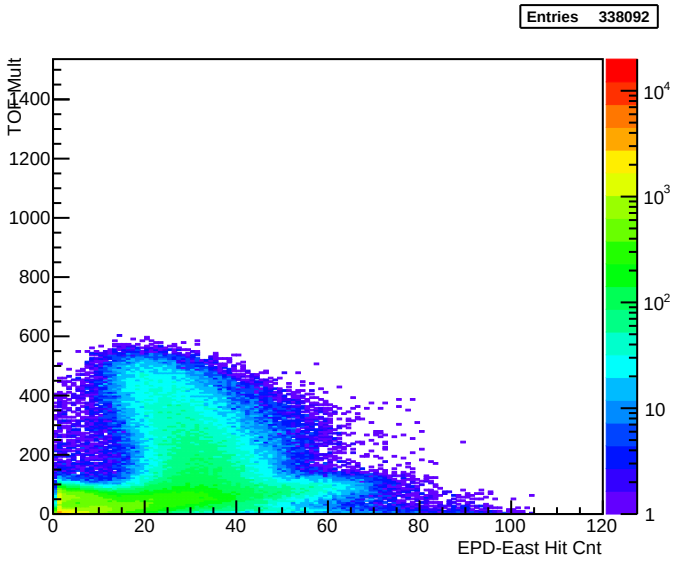

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

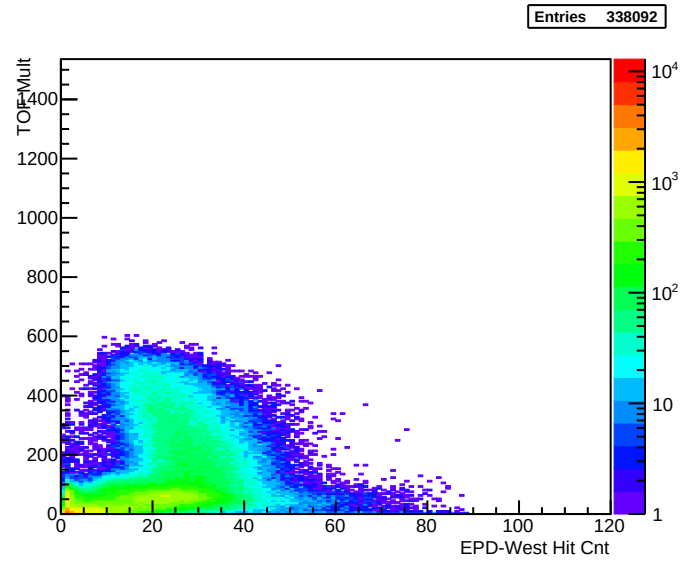

VT201 Input Ch4: VPD Adc Sum Th
Entries 676184
230346
261010
107746
77082
East
West

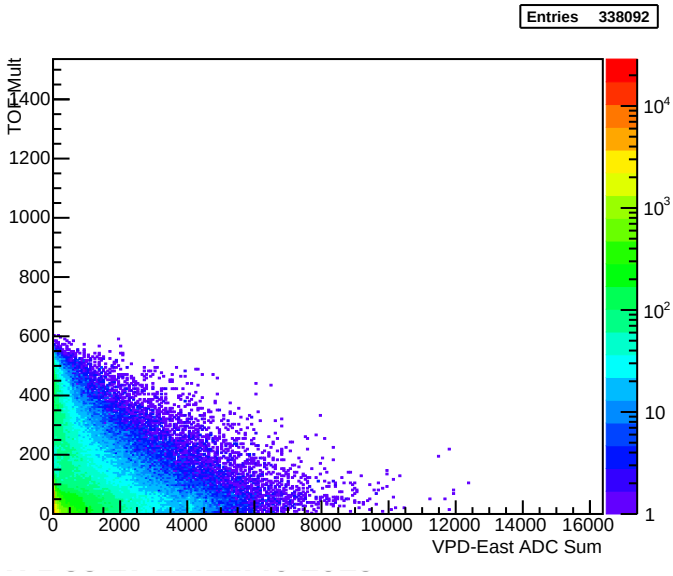

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

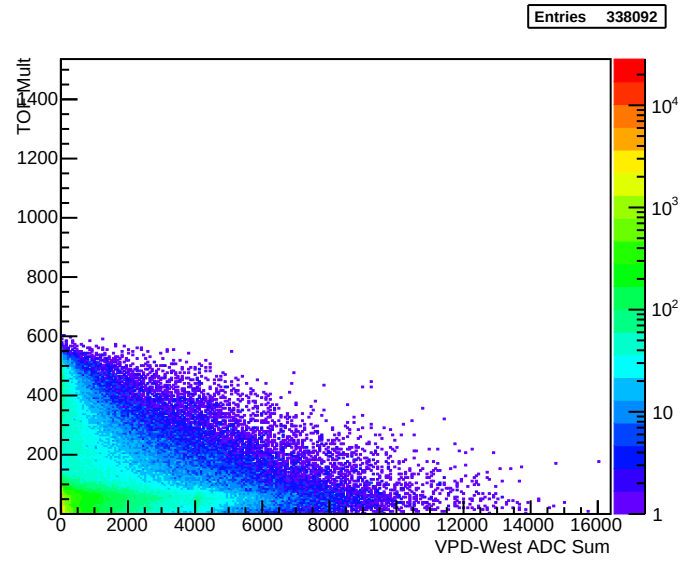

Entries 338092
TOF-Mult
BBC-S-East ADC Sum

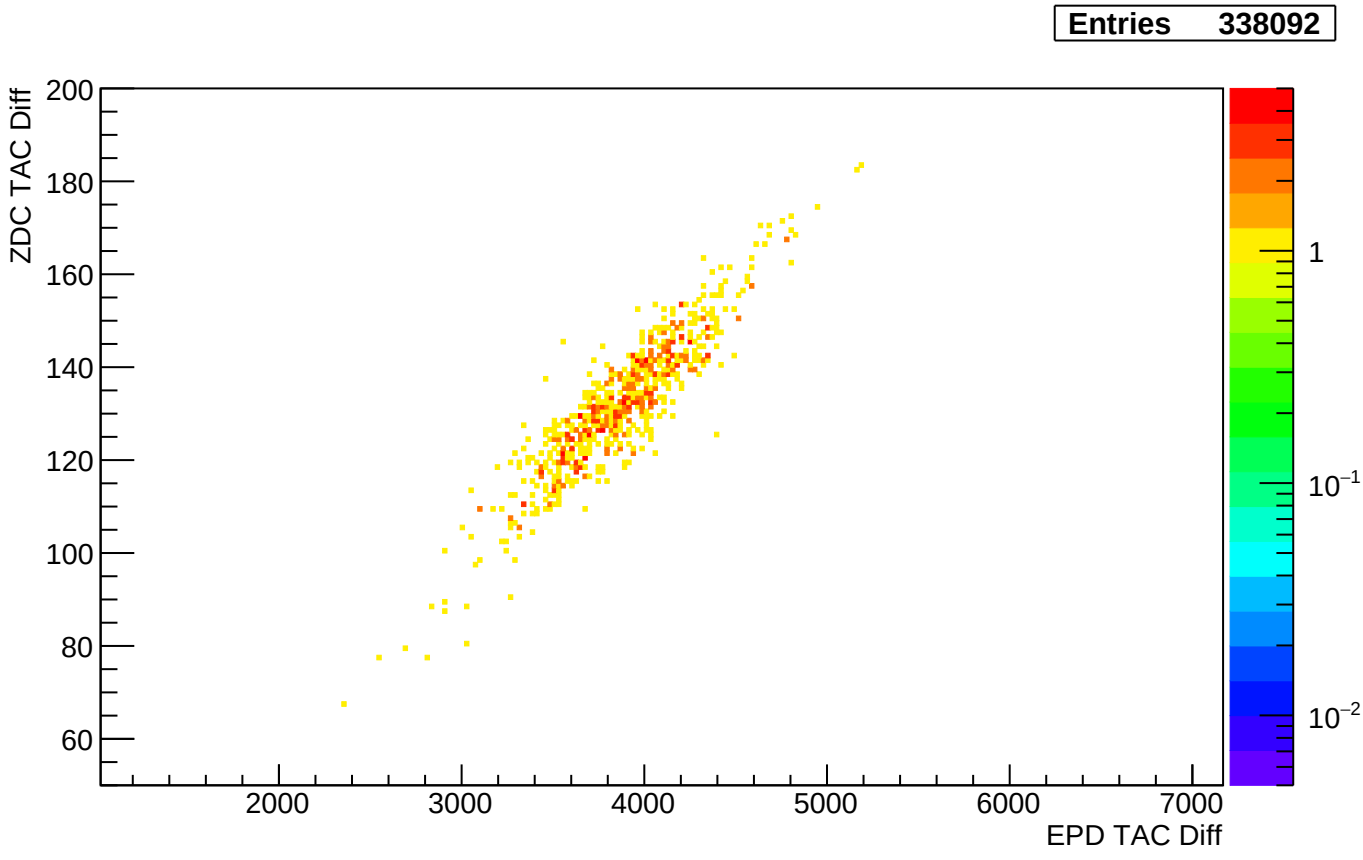

Entries 338092
TOF-Mult
BBC-S-West ADC Sum

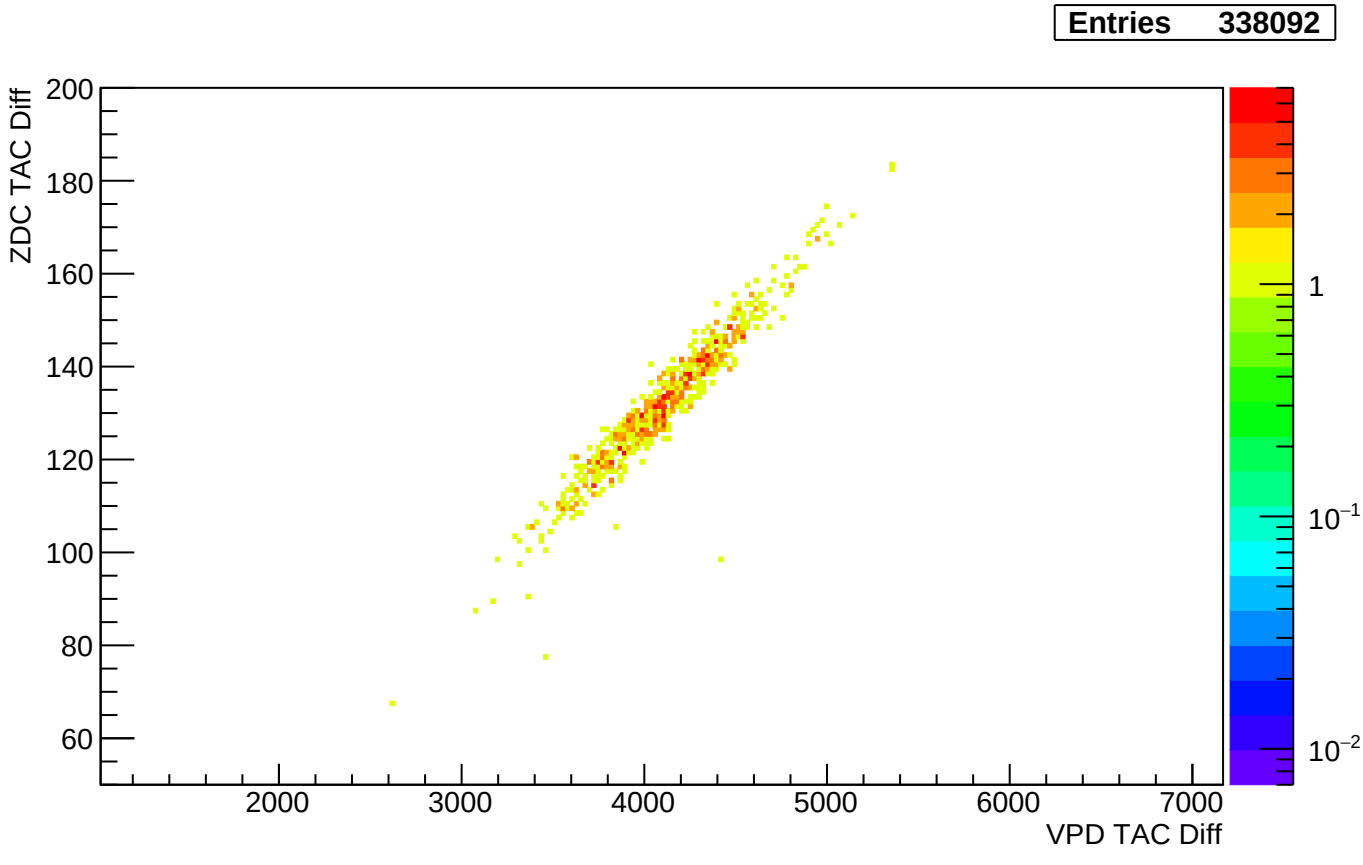

Entries 338092
TOF-Mult
EPD-East Hit Cnt

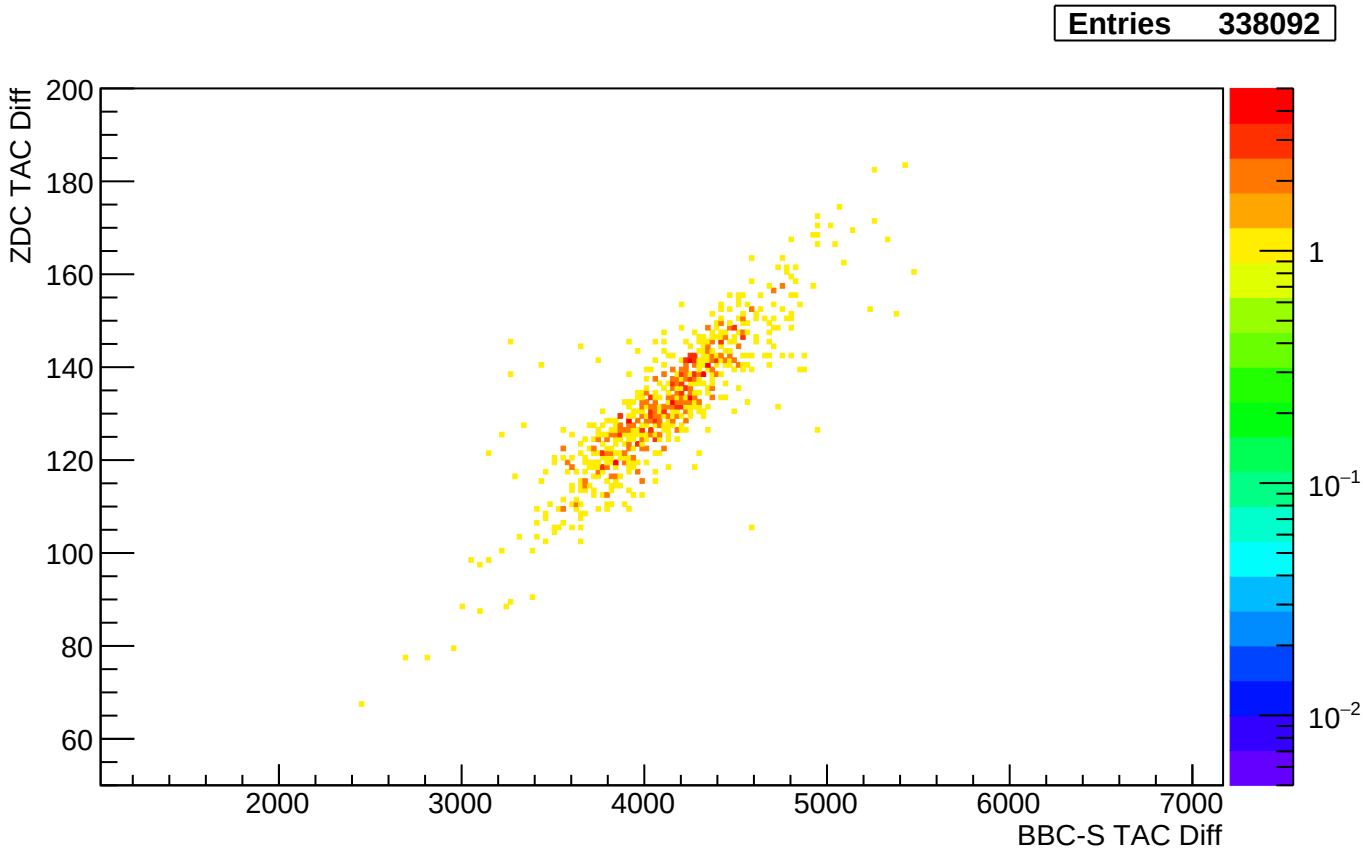

Entries 338092
TOF-Mult
EPD-West Hit Cnt

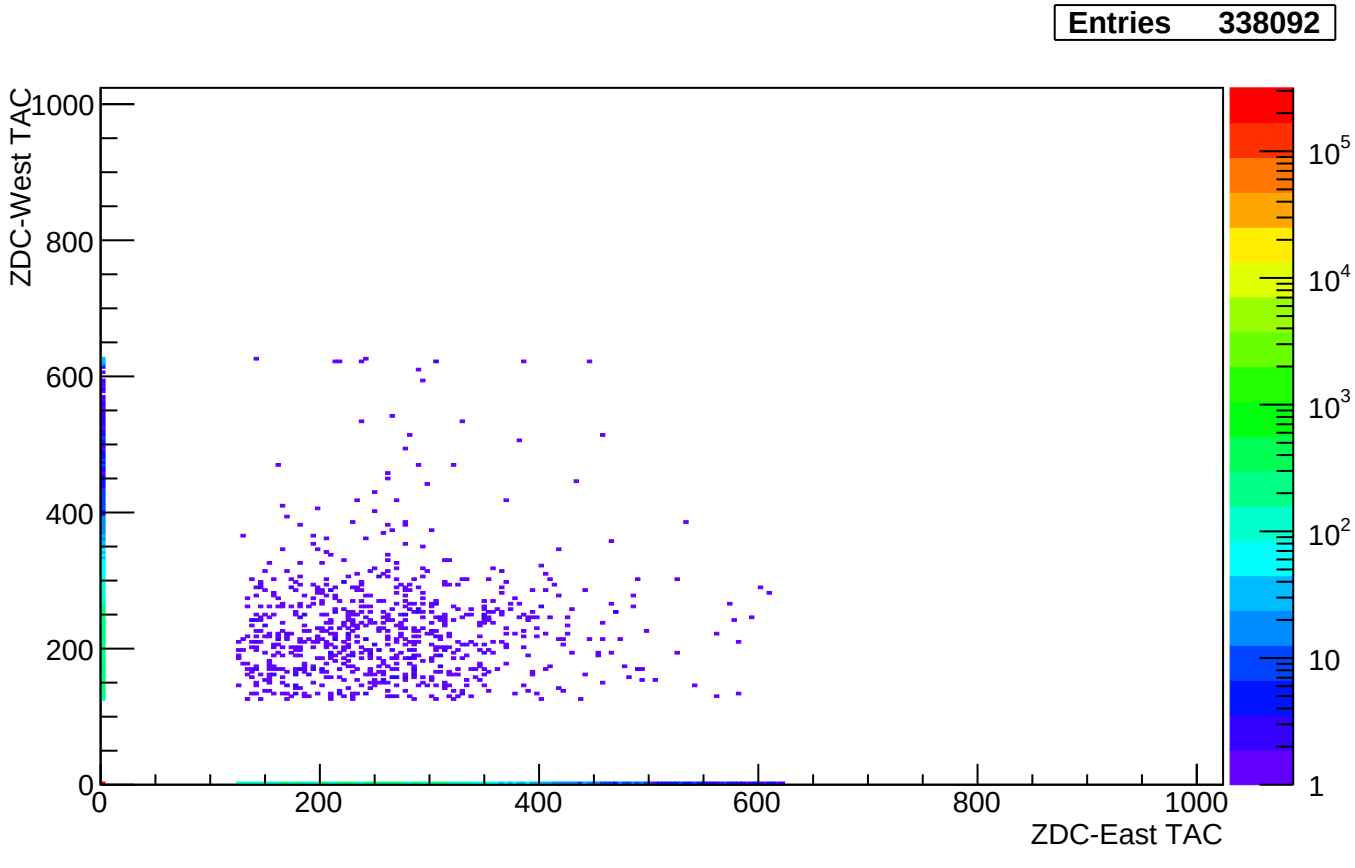

Entries 338092
TOF-Mult
VPD-East ADC Sum

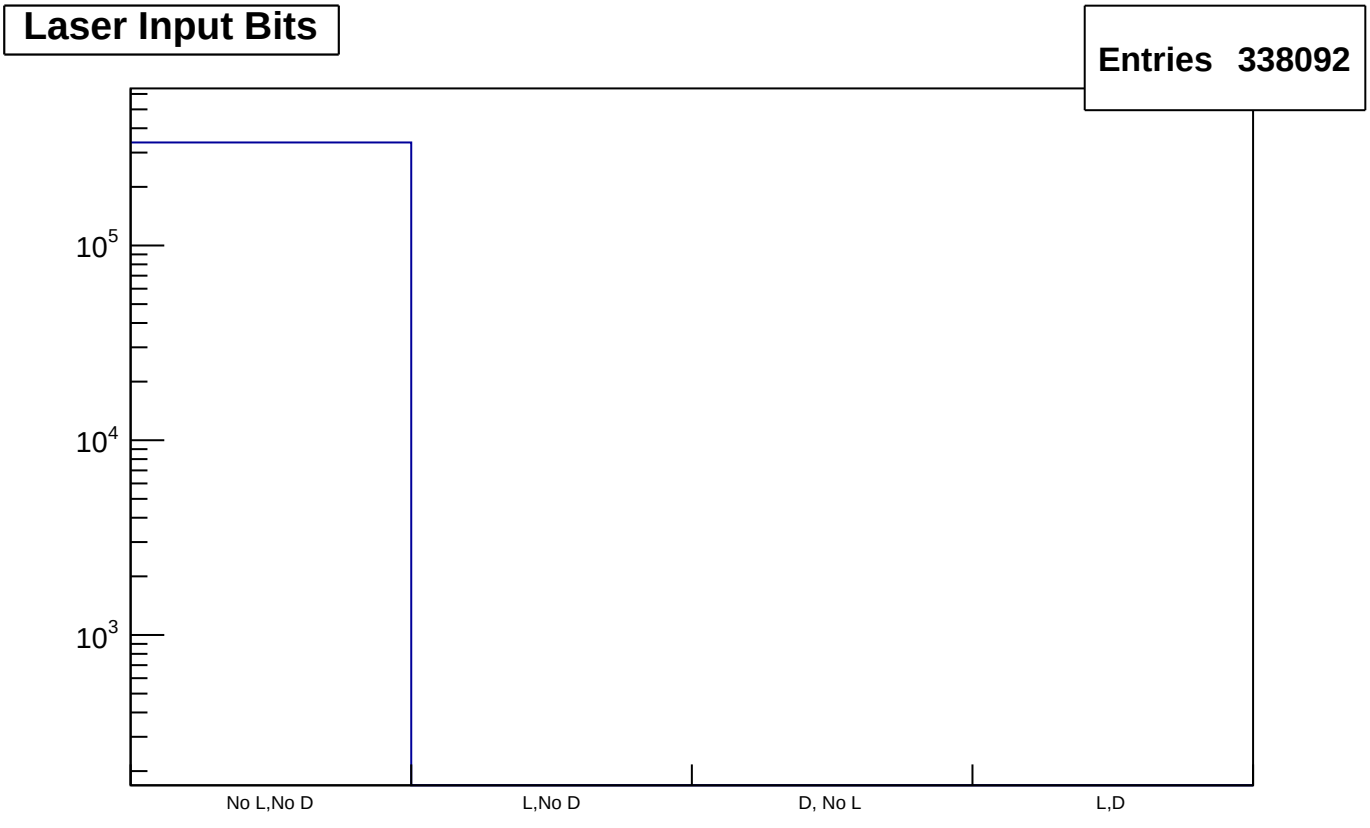

Entries 338092
TOF-Mult
VPD-West ADC Sum

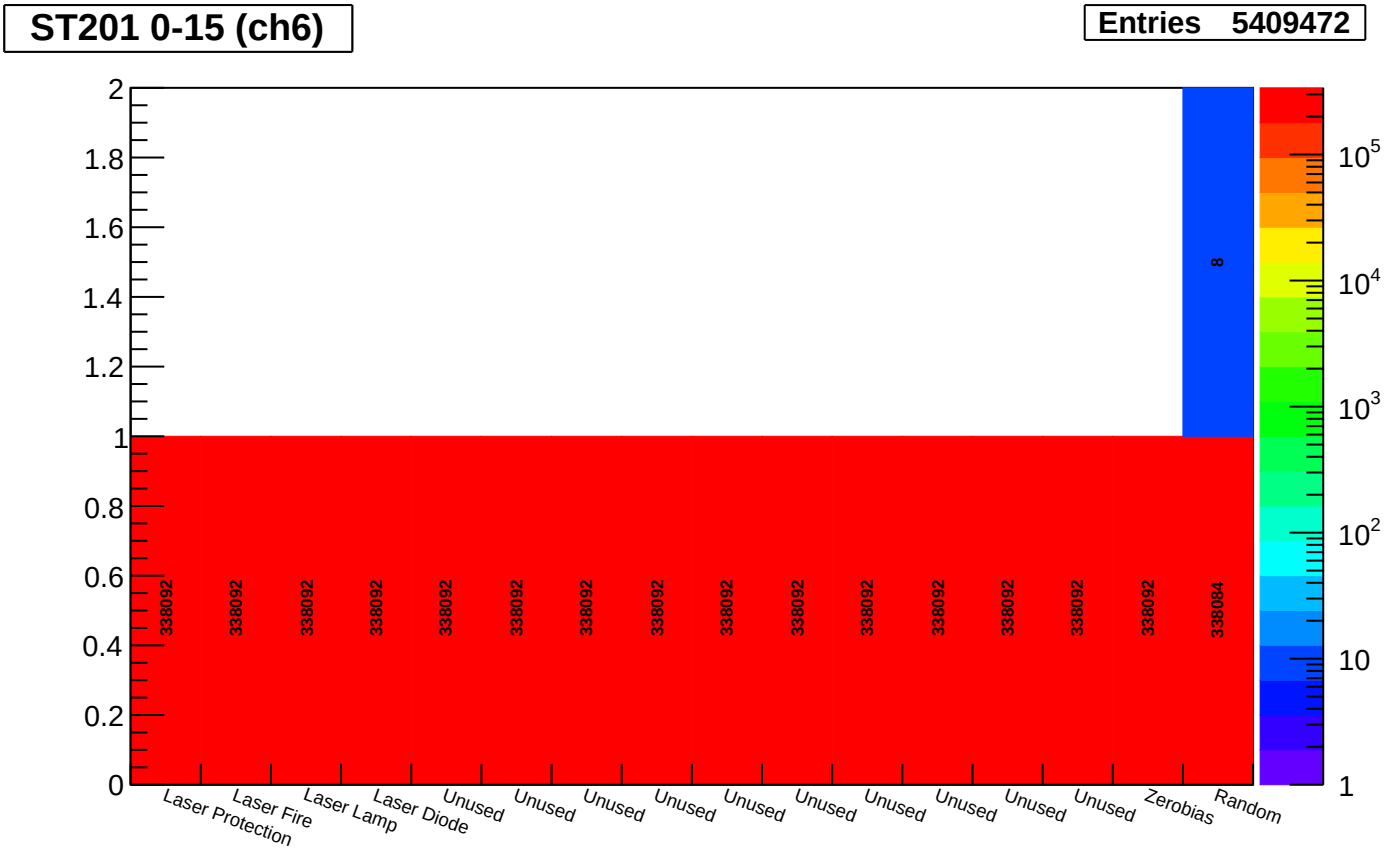

Entries 338092
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

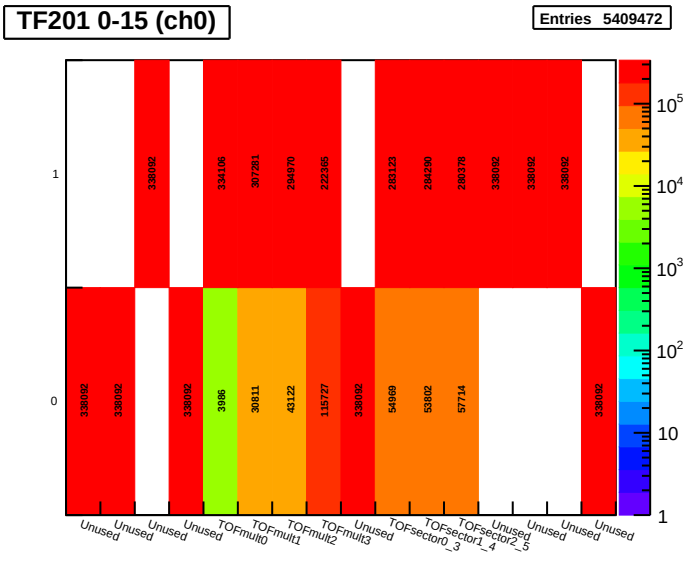

Entries 338092
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

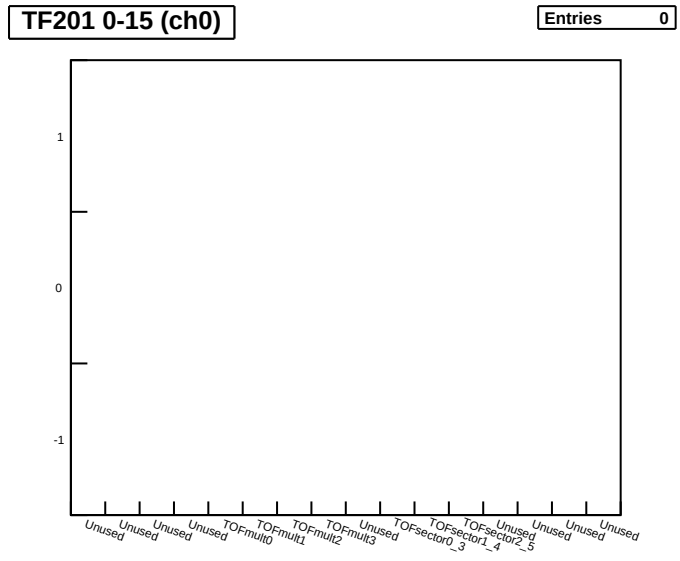

Entries 338092
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

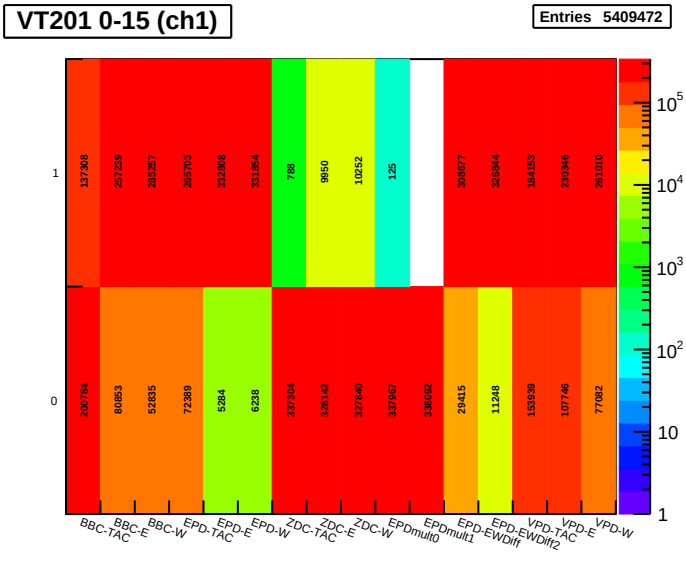

Entries 338092
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

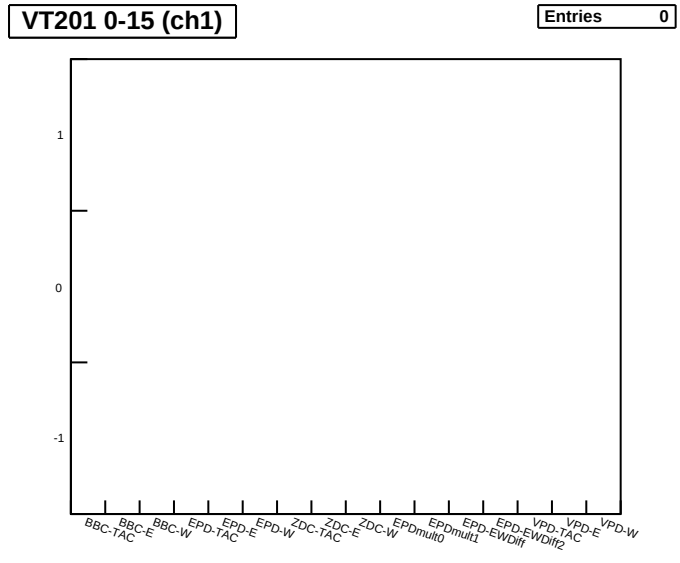

Laser Input Bits
Entries 338092
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

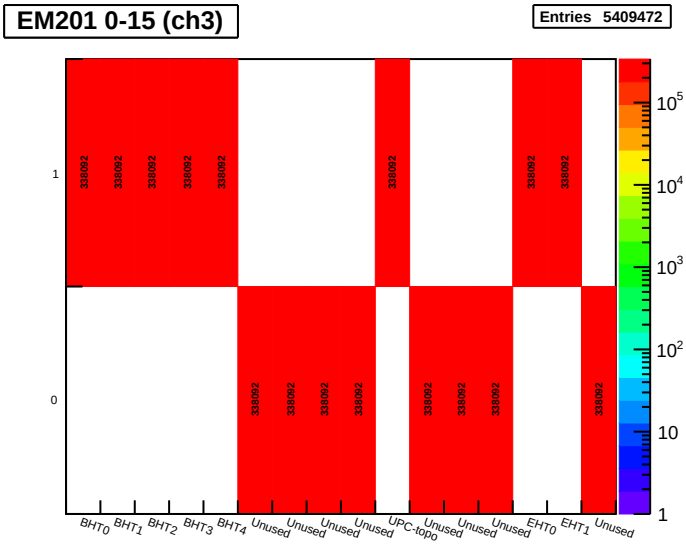

ST201 0-15 (ch6)
Entries 5409472
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
338092
338092
338092
338092
338092
338092
338092
338092
338092
338092
338092
338092
338092
338092
338092
338084
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

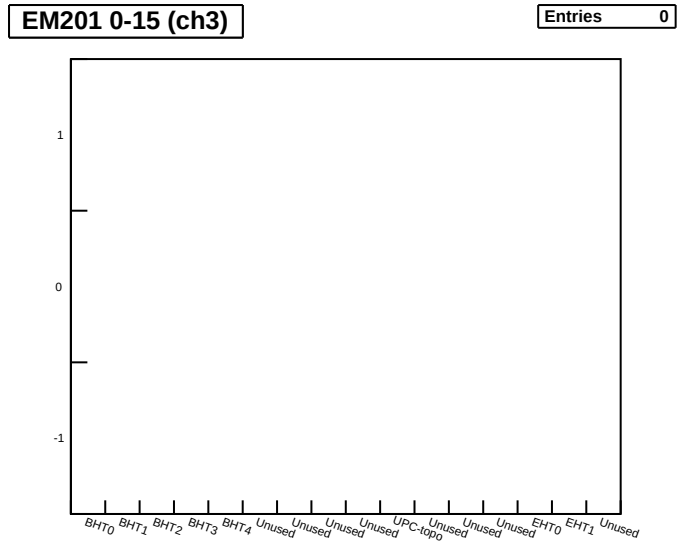

TF201 0-15 (ch0)
Entries 5409472
1
0
338092 338092 338092 334106 307281 294970 222365 283123 294290 280378 338092 338092 338092
338092 338092 338092 3986 30811 43122 115727 338092 54969 53802 57714 338092
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 5409472
1
0
137308 257239 265257 265703 322808 331854 788 9950 10252 125 308677 326844 184153 230346 261010
200784 80853 52835 72389 5284 6238 337304 328142 327840 337967 338092 29415 11248 155939 107746 77082
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 5409472
1
0
338092 338092 338092 338092 338092 338092 338092
338092 338092 338092 338092 338092 338092 338092 338092
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