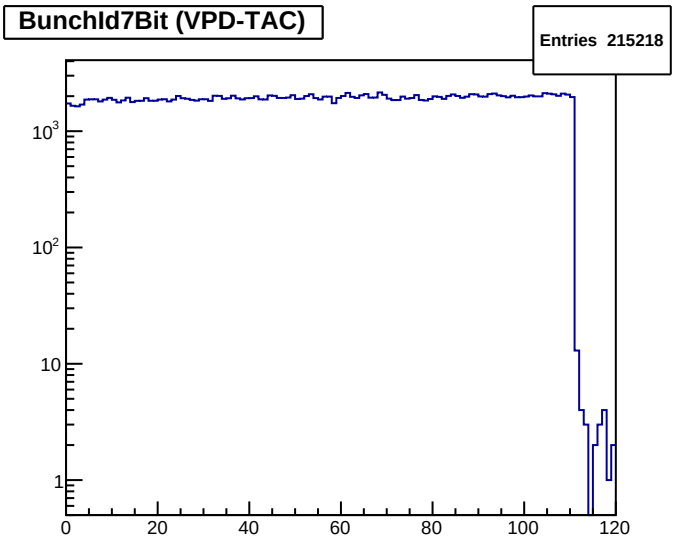
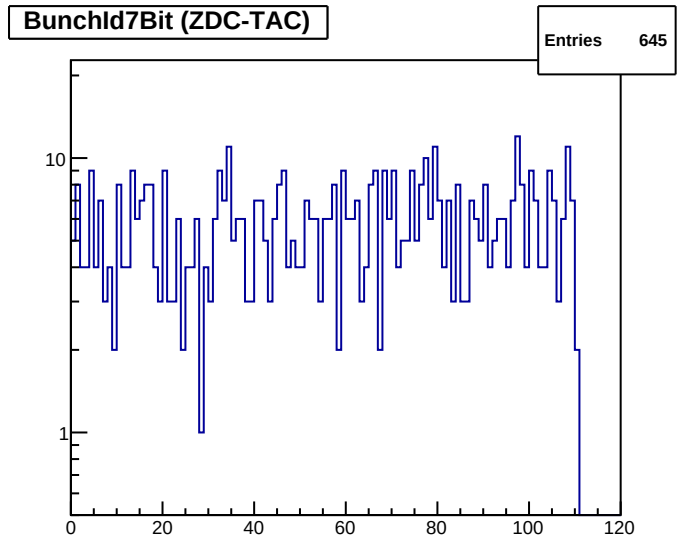
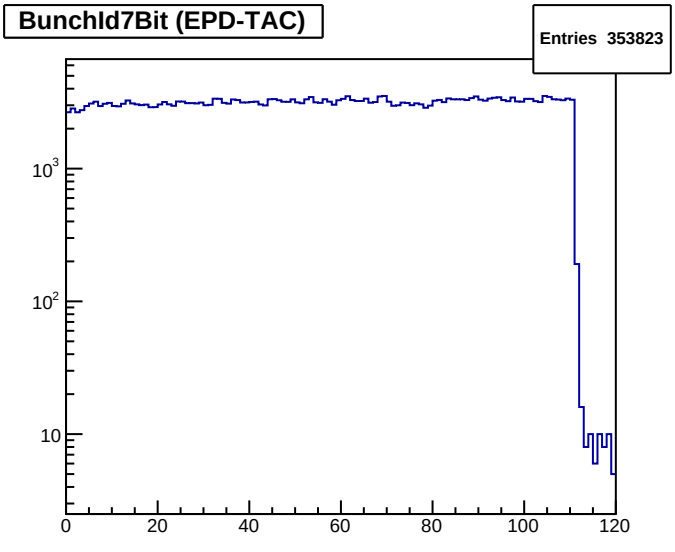
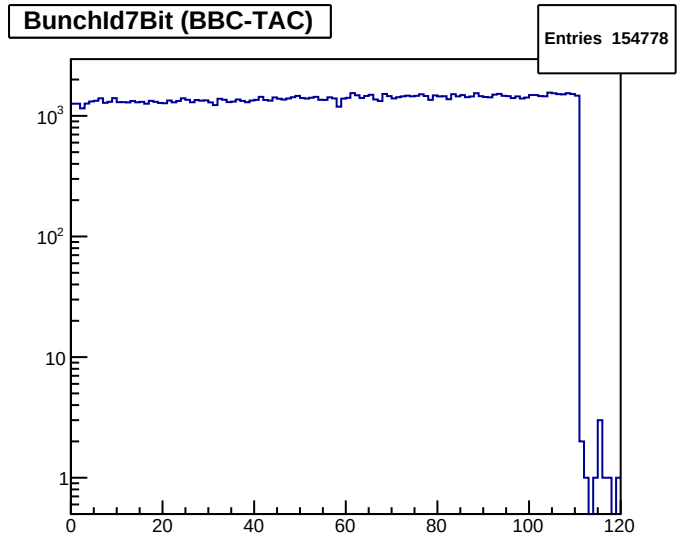
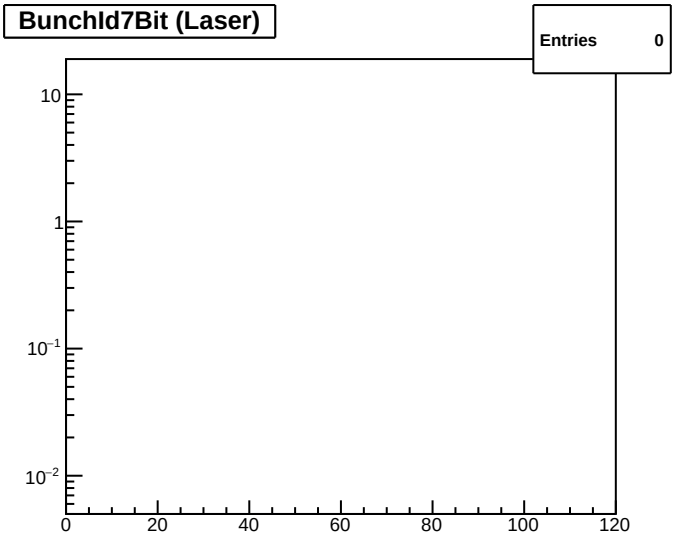
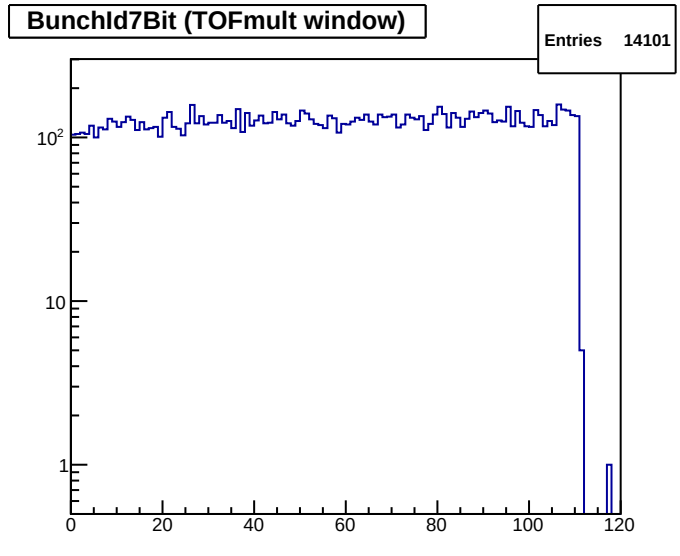

BunchId7Bit (VPD-TAC)
Entries 215218

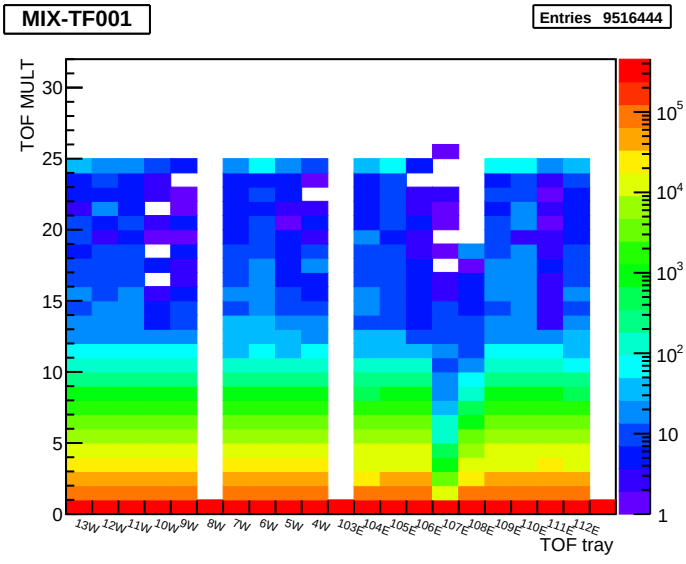

BunchId7Bit (ZDC-TAC)
Entries 645

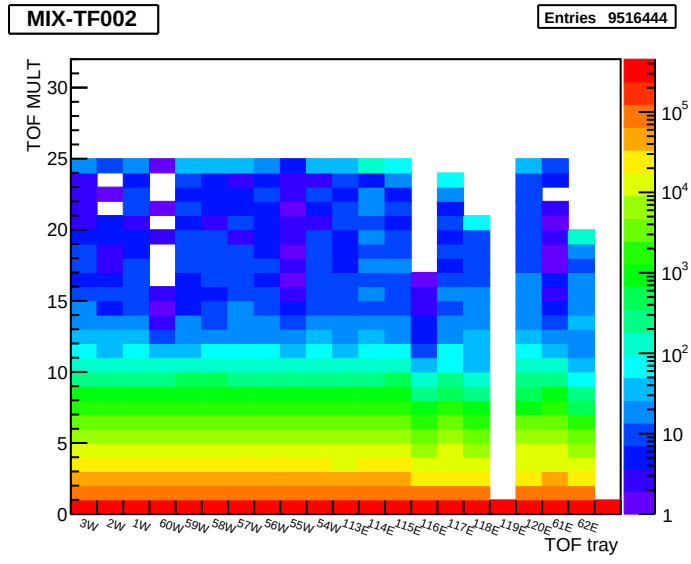

BunchId7Bit (EPD-TAC)
Entries 353823

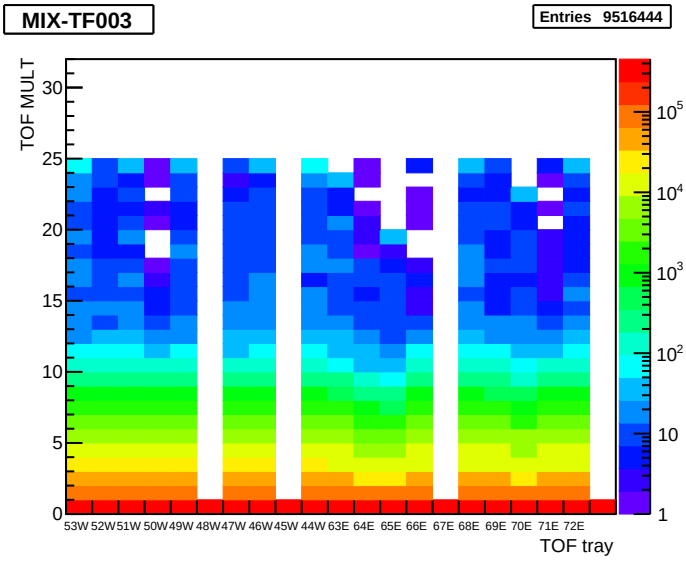

BunchId7Bit (BBC-TAC)
Entries 154778

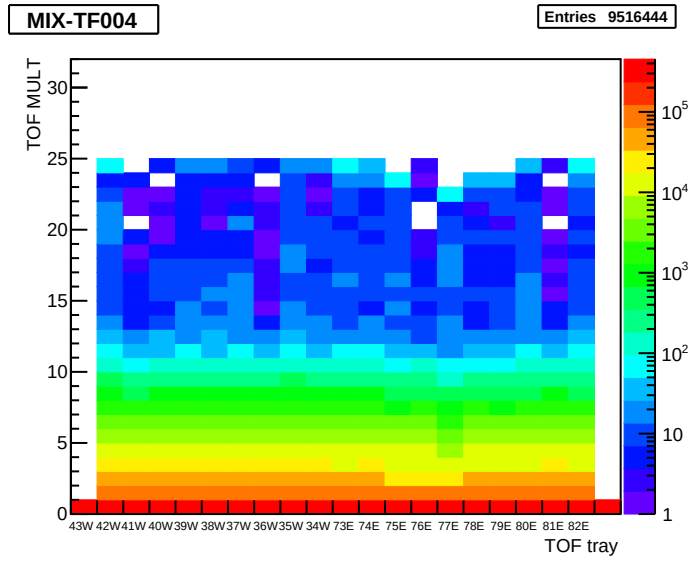

BunchId7Bit (Laser)
Entries 0

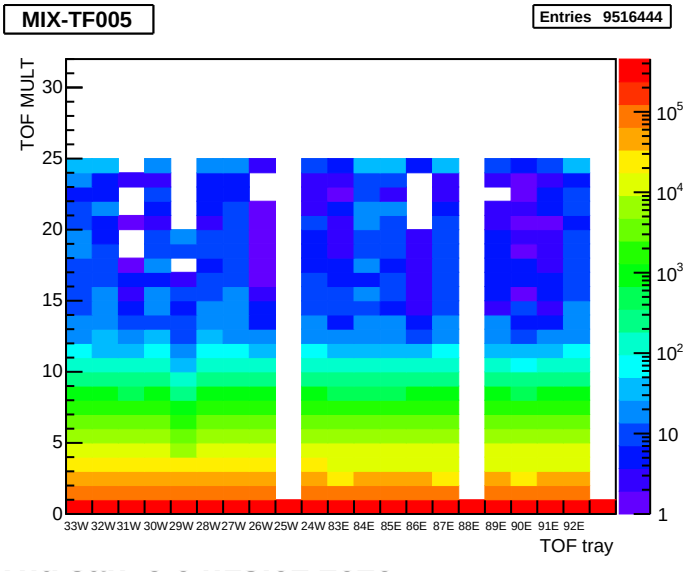

BunchId7Bit (TOFmult window)
Entries 14101

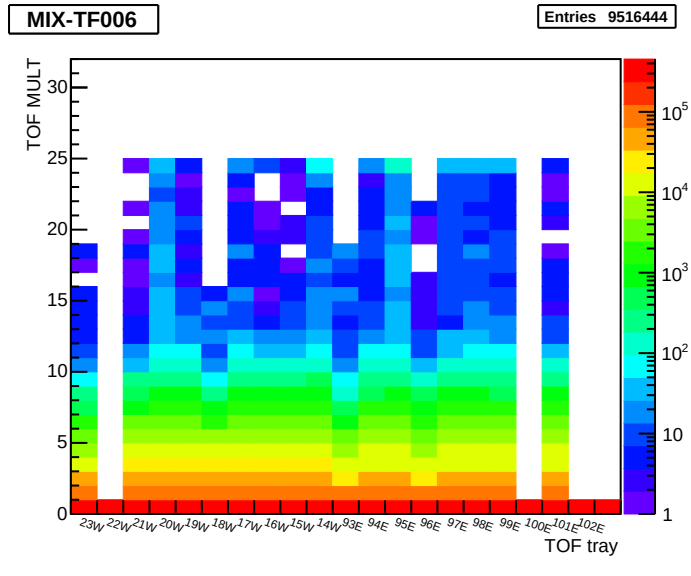

MIX-TF001
Entries 9516444
TOF MULT
TOF tray

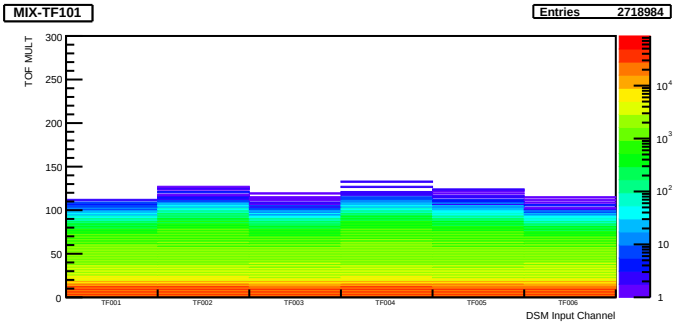

MIX-TF002
Entries 9516444
TOF MULT
TOF tray

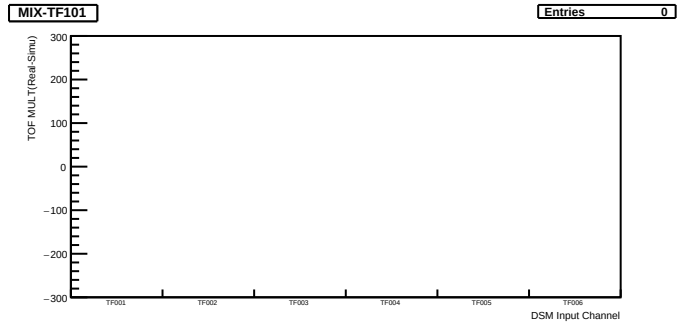

MIX-TF003
Entries 9516444
TOF MULT
TOF tray

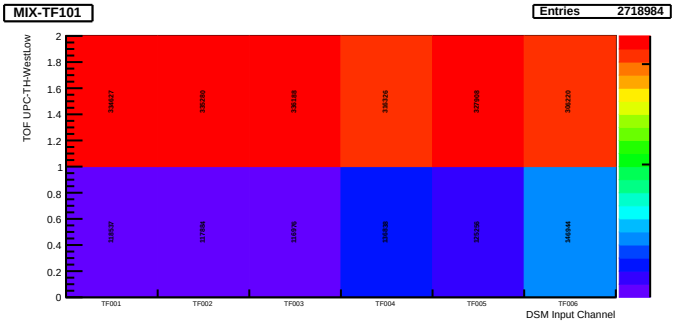

MIX-TF004
Entries 9516444
TOF MULT
TOF tray

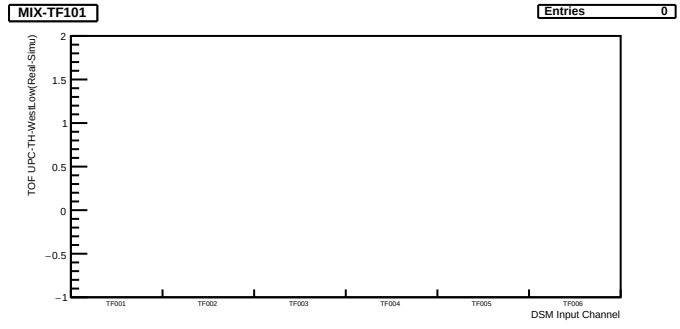

MIX-TF005
Entries 9516444
TOF MULT
TOF tray

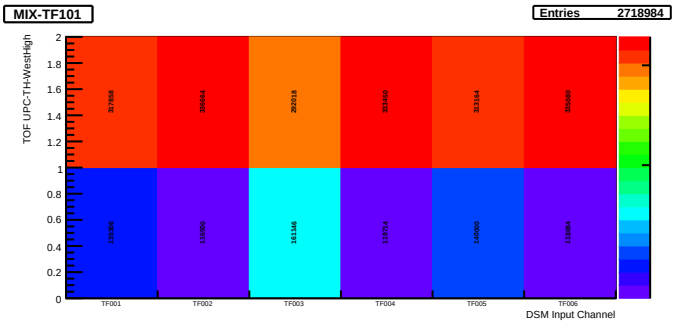

MIX-TF006
Entries 9516444
TOF MULT
TOF tray

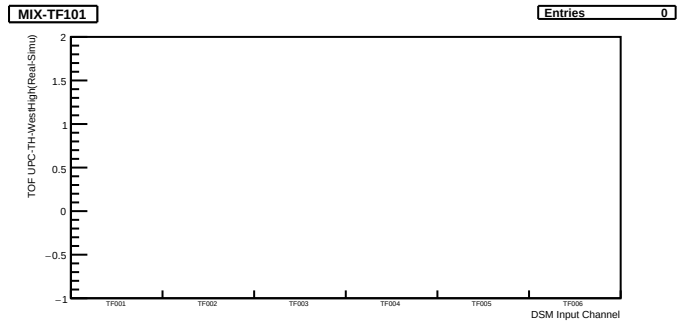

MIX-TF101
Entries 2718984
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

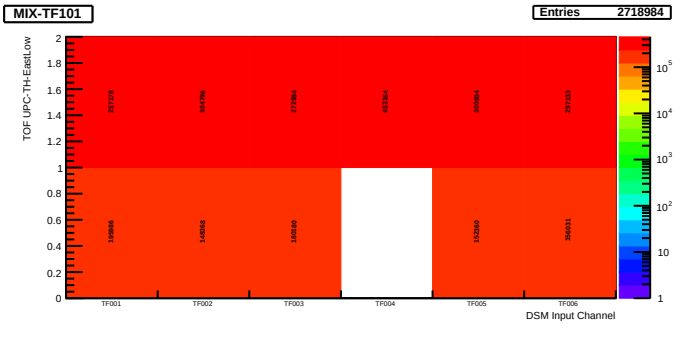

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

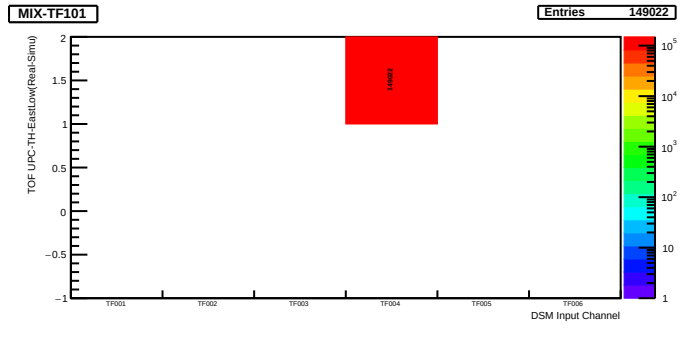

MIX-TF101
Entries 2718984
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

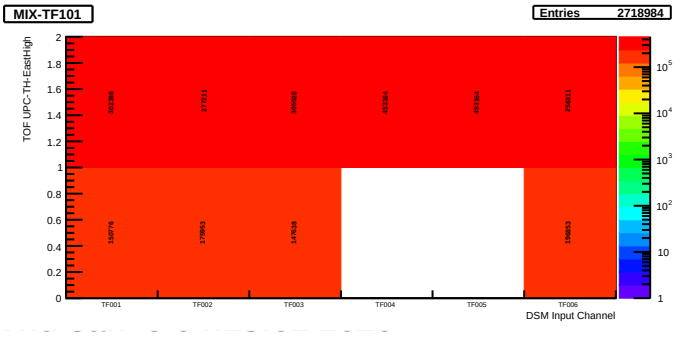

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

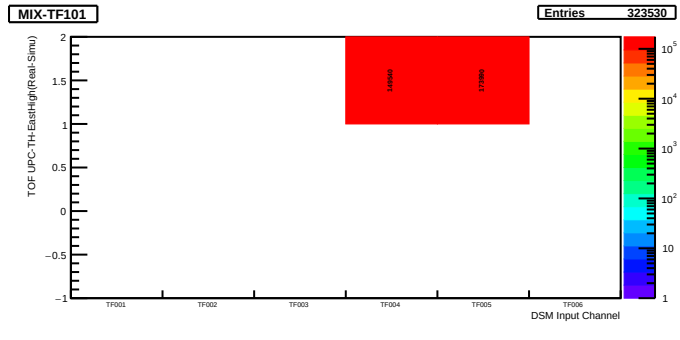

MIX-TF101
Entries 2718984
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

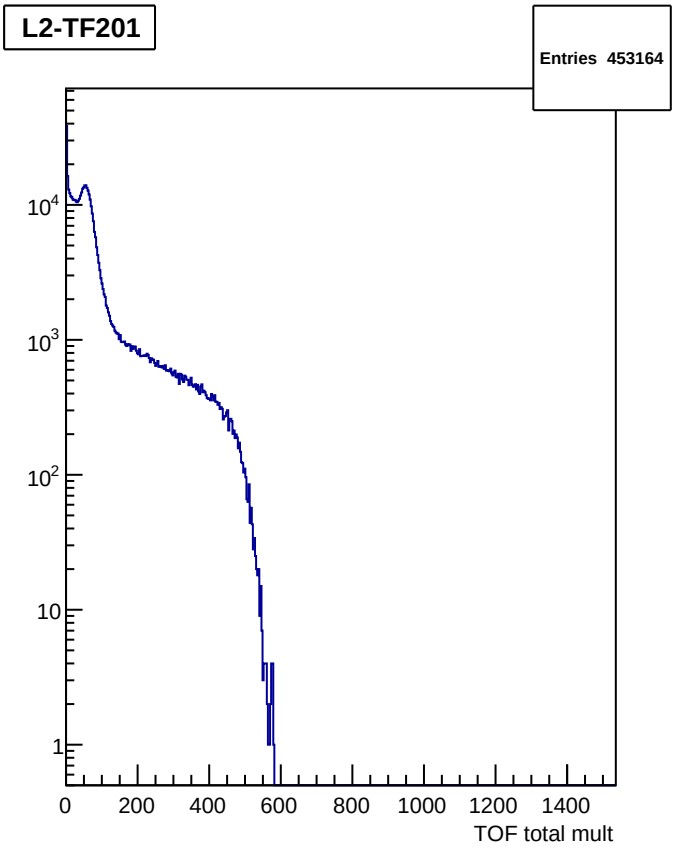

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

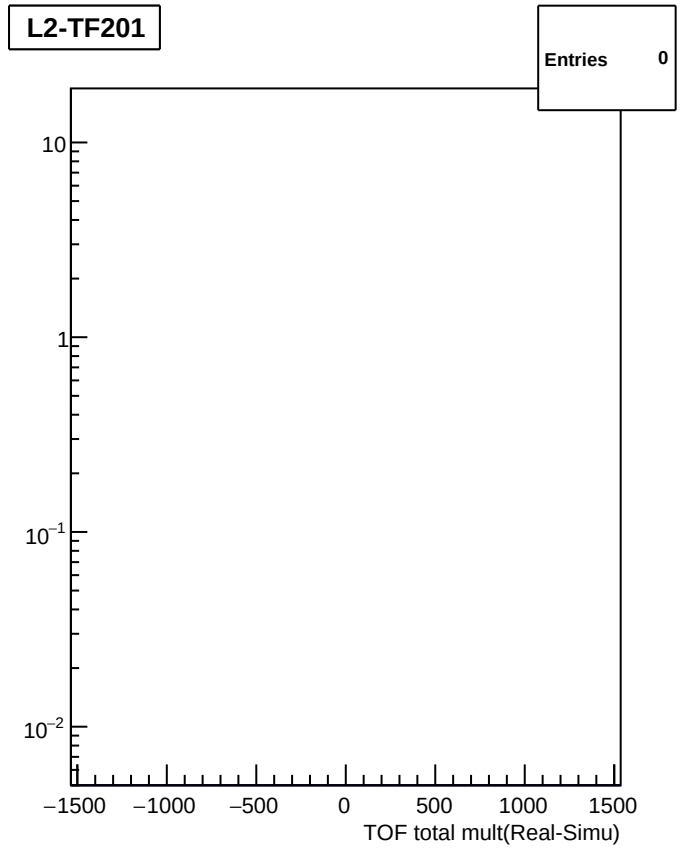

MIX-TF101
Entries 2718984
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

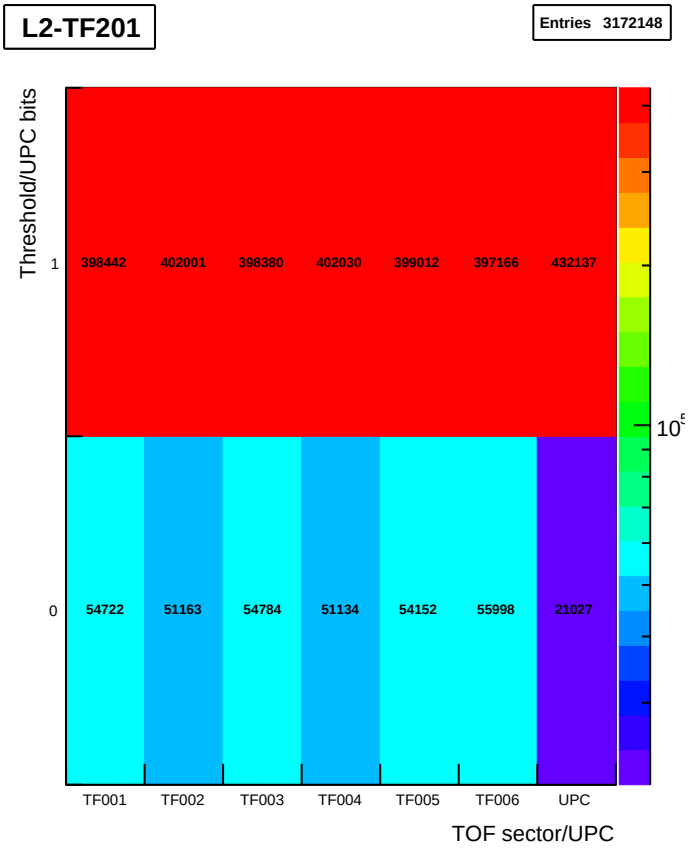

MIX-TF101
Entries 149022
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

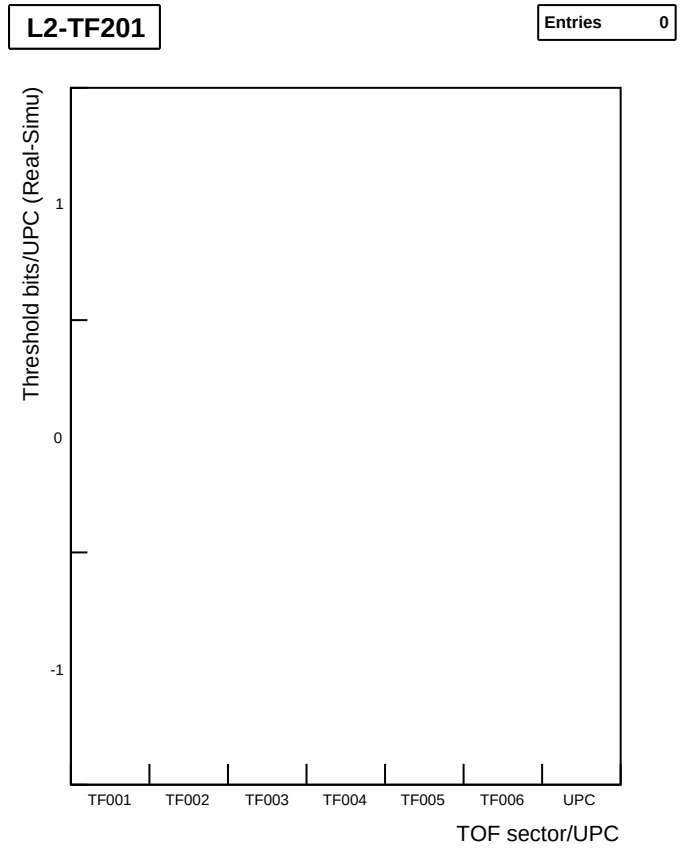

MIX-TF101
Entries 2718984
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

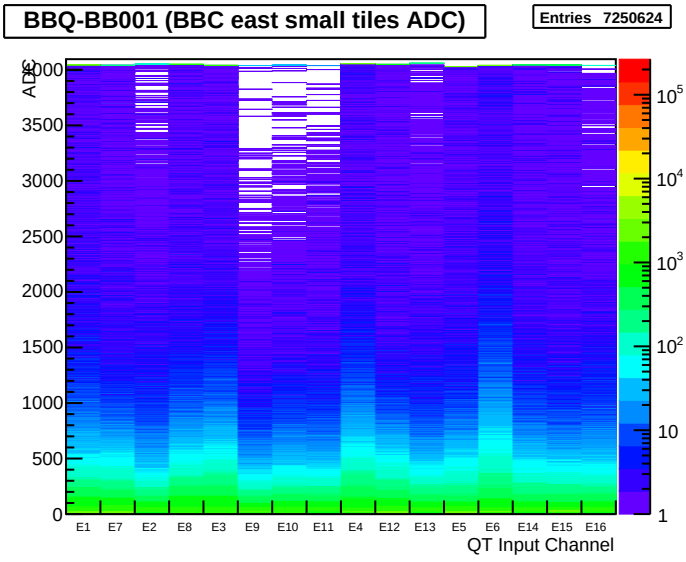

MIX-TF101
Entries 323530
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

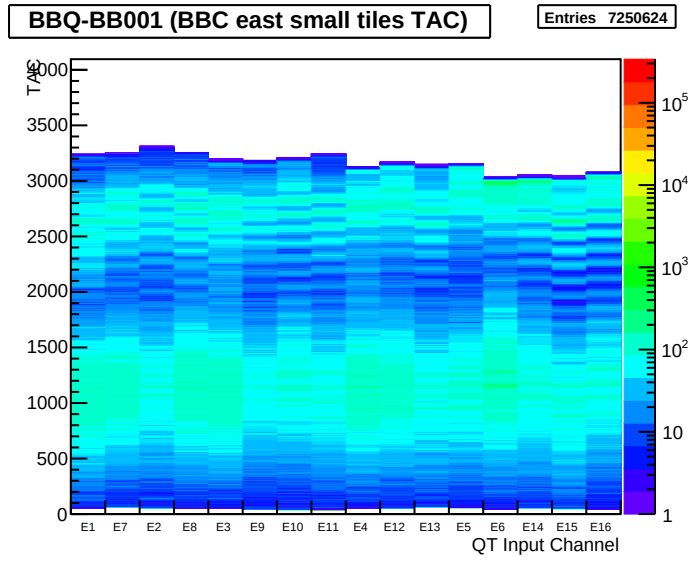

L2-TF201
Entries 453164
TOF total mult

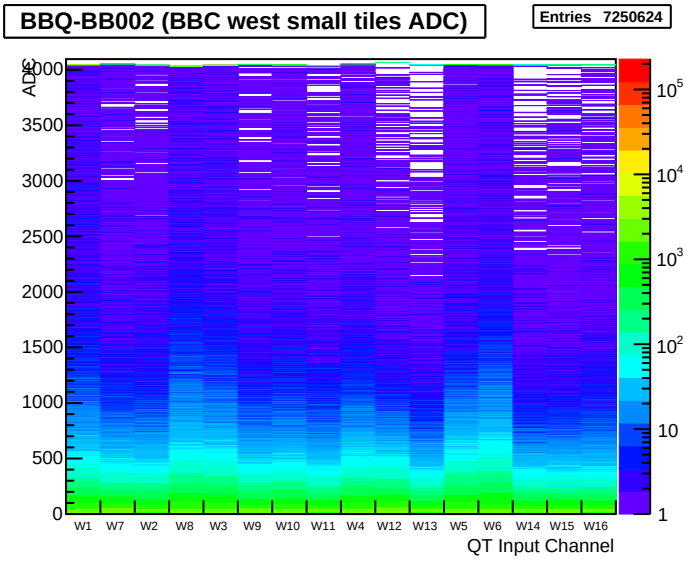

L2-TF201
Entries 0
TOF total mult(Real-Simu)

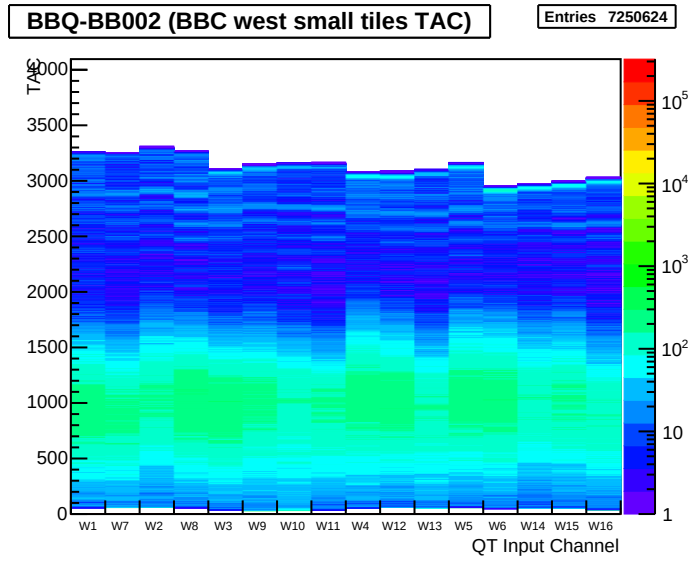

L2-TF201
Entries 3172148
Threshold/UPC bits
398442
402001
398380
402030
399012
397166
432137
54722
51163
54784
51134
54152
55998
21027
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

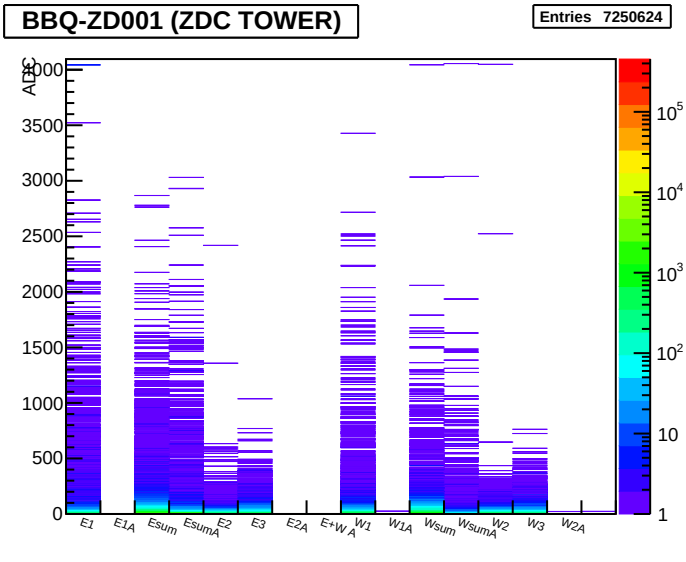

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

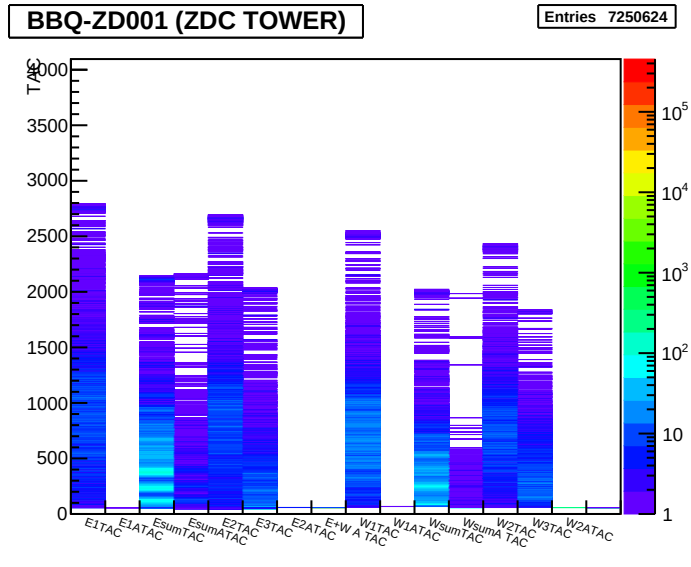

BBQ-BB001 (BBC east small tiles ADC)
Entries 7250624
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

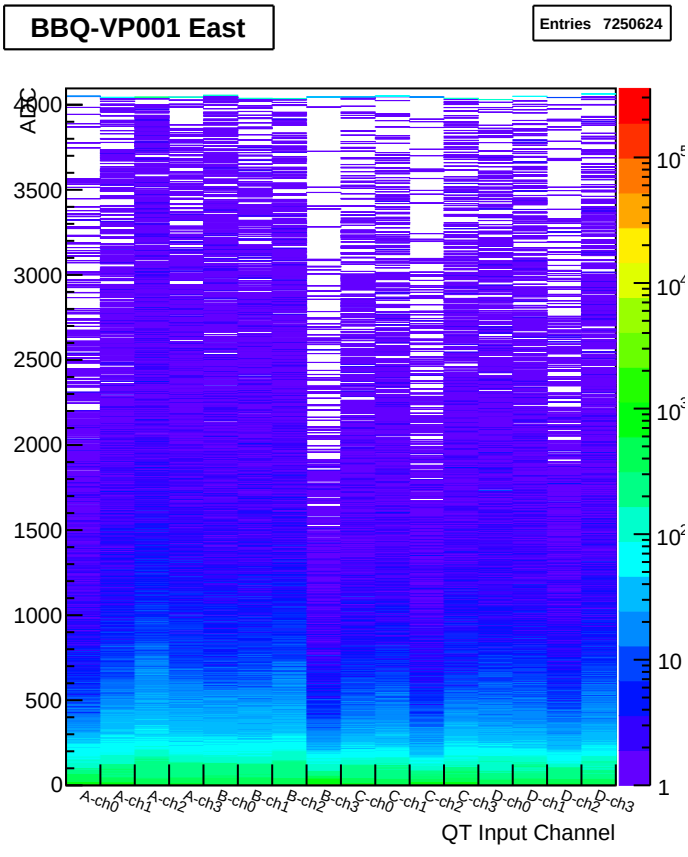

BBQ-BB001 (BBC east small tiles TAC)
Entries 7250624
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

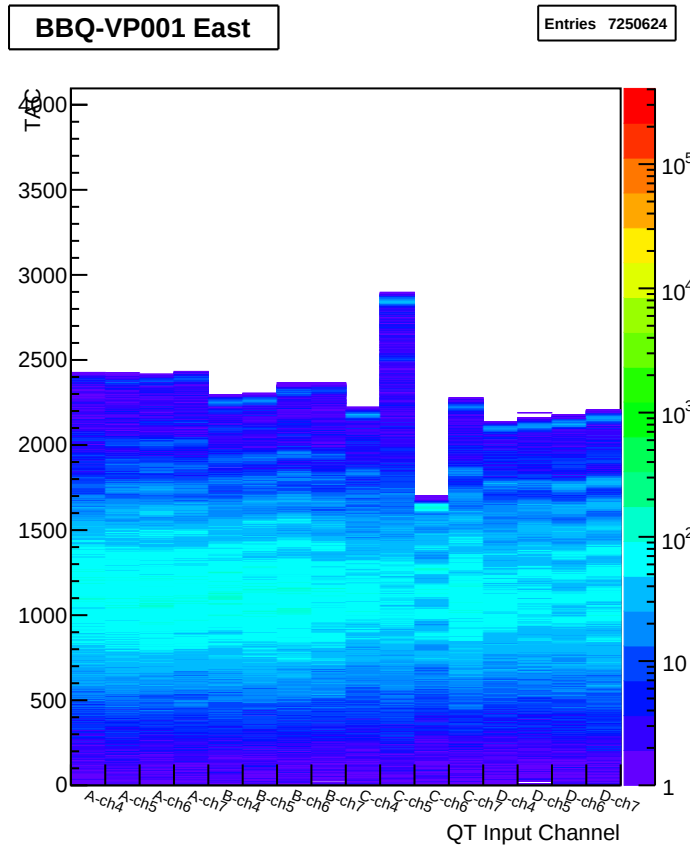

BBQ-BB002 (BBC west small tiles ADC)
Entries 7250624
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

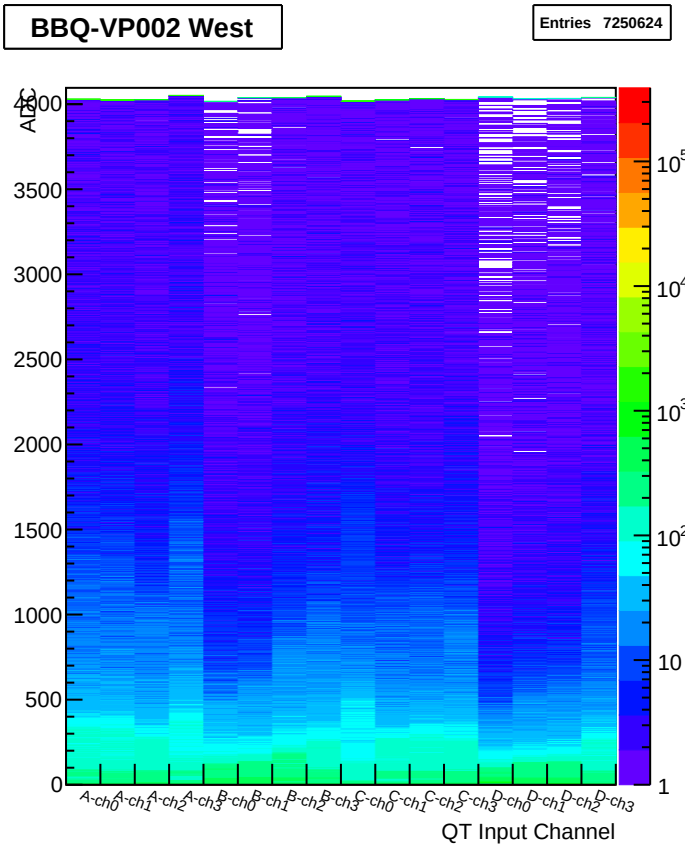

BBQ-BB002 (BBC west small tiles TAC)
Entries 7250624
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

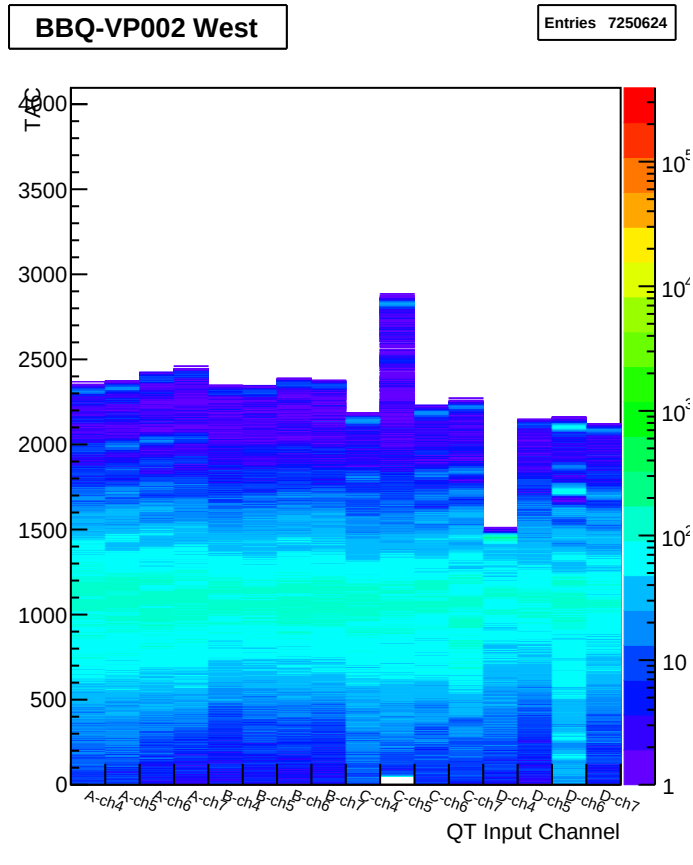

BBQ-ZD001 (ZDC TOWER)
Entries 7250624
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

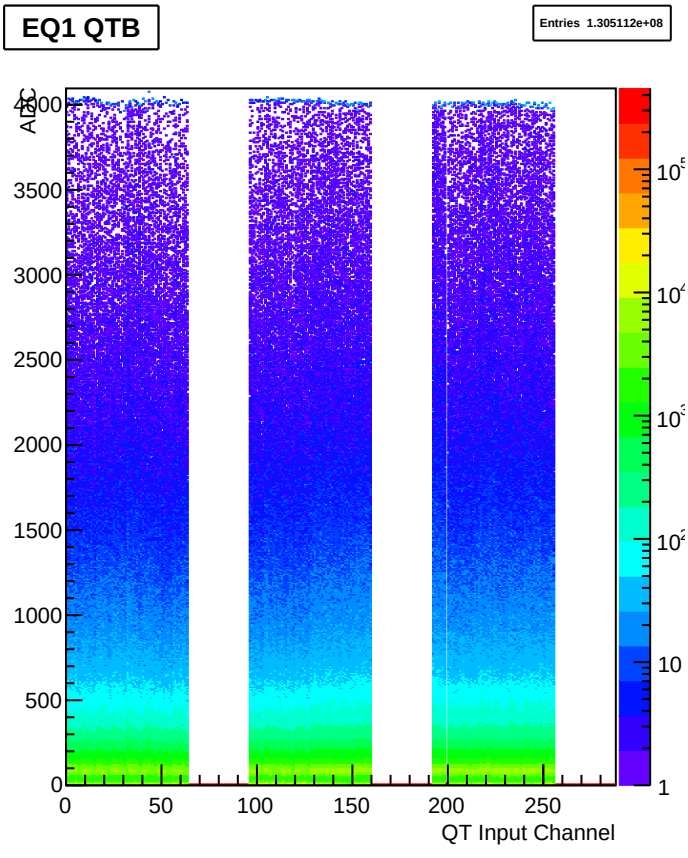

BBQ-ZD001 (ZDC TOWER)
Entries 7250624
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

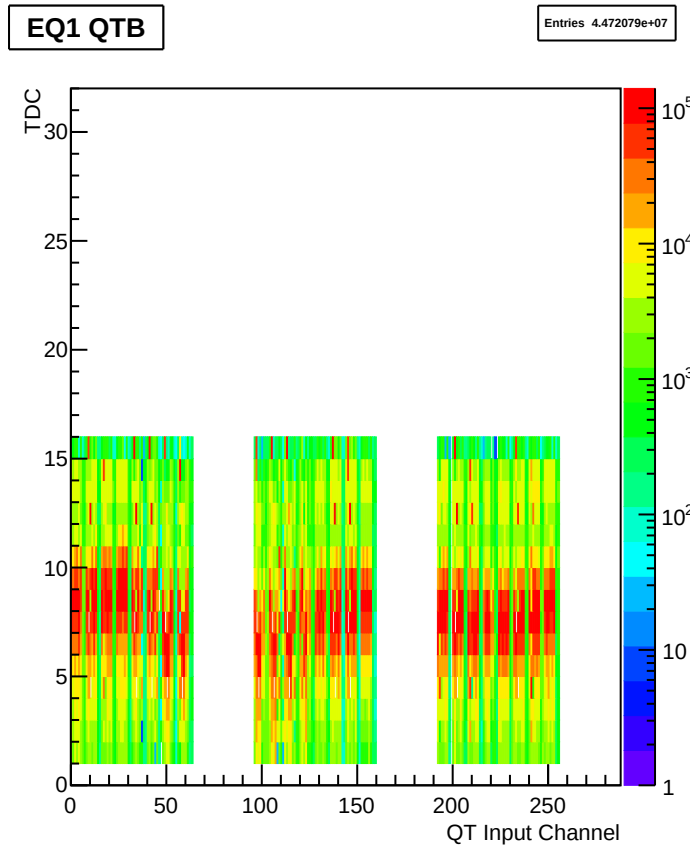

BBQ-VP001 East
Entries 7250624
ADC
QT Input Channel

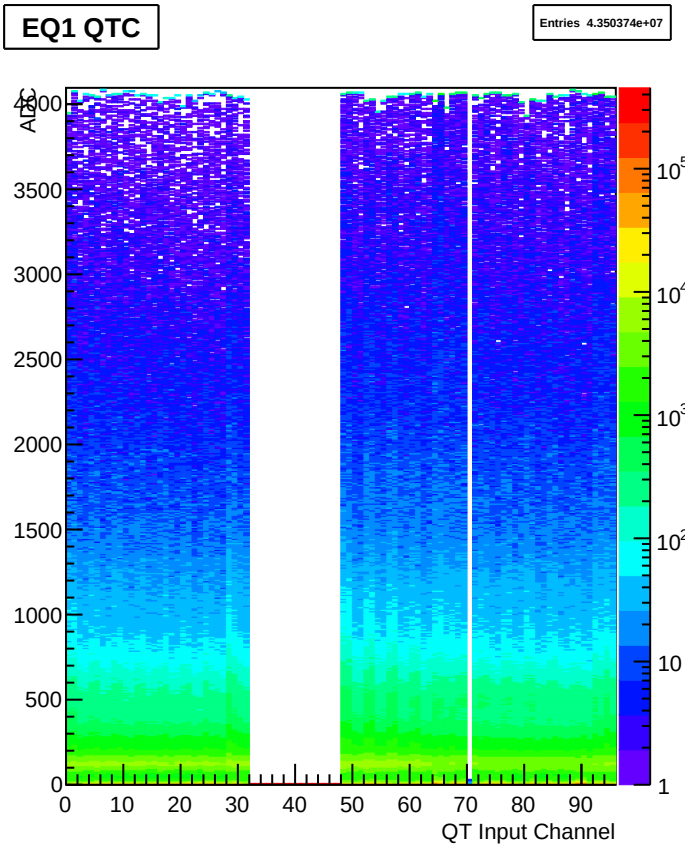

BBQ-VP001 East
Entries 7250624
TADC
QT Input Channel

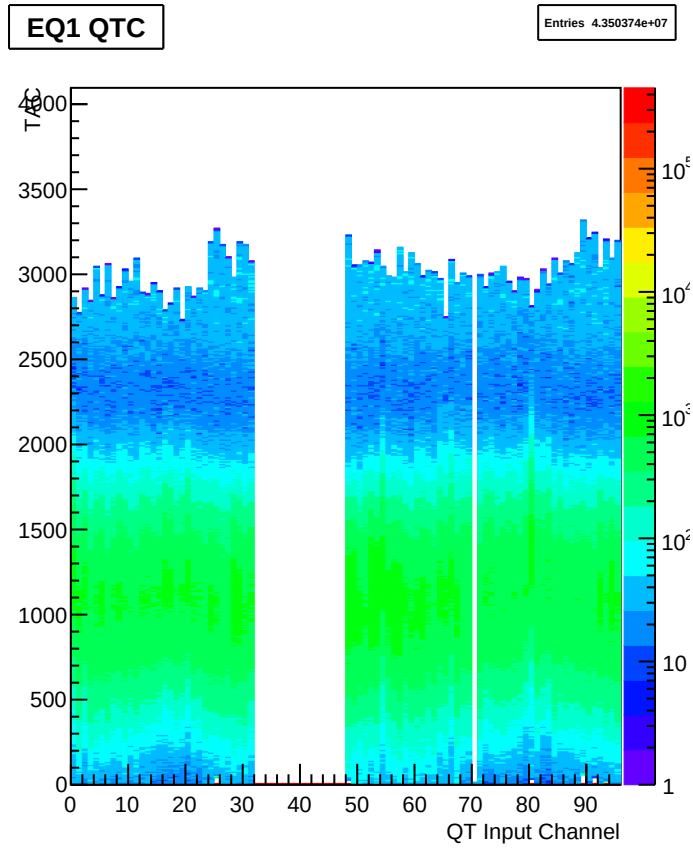

BBQ-VP002 West
Entries 7250624
ADC
QT Input Channel

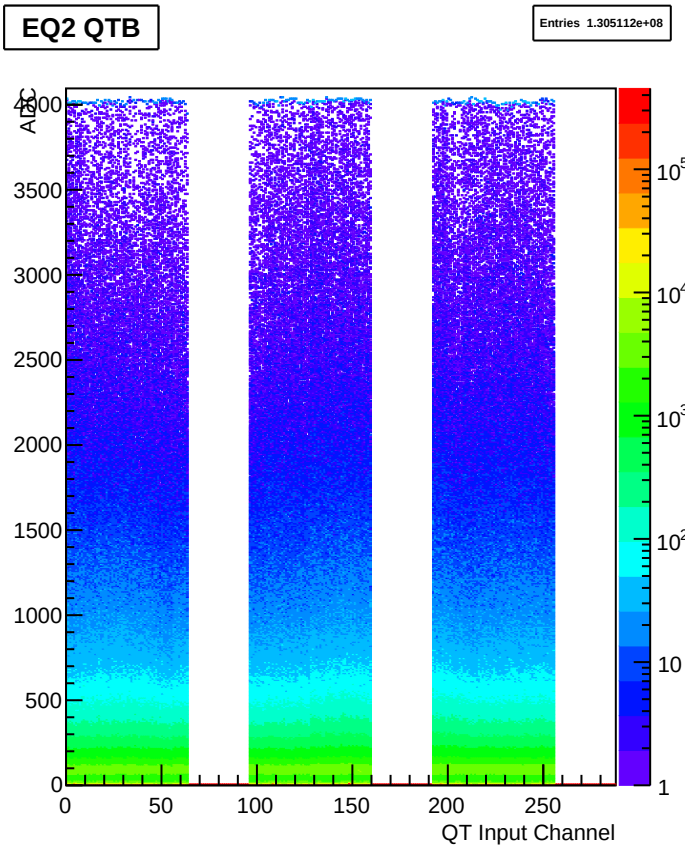

BBQ-VP002 West
Entries 7250624
TADC
QT Input Channel

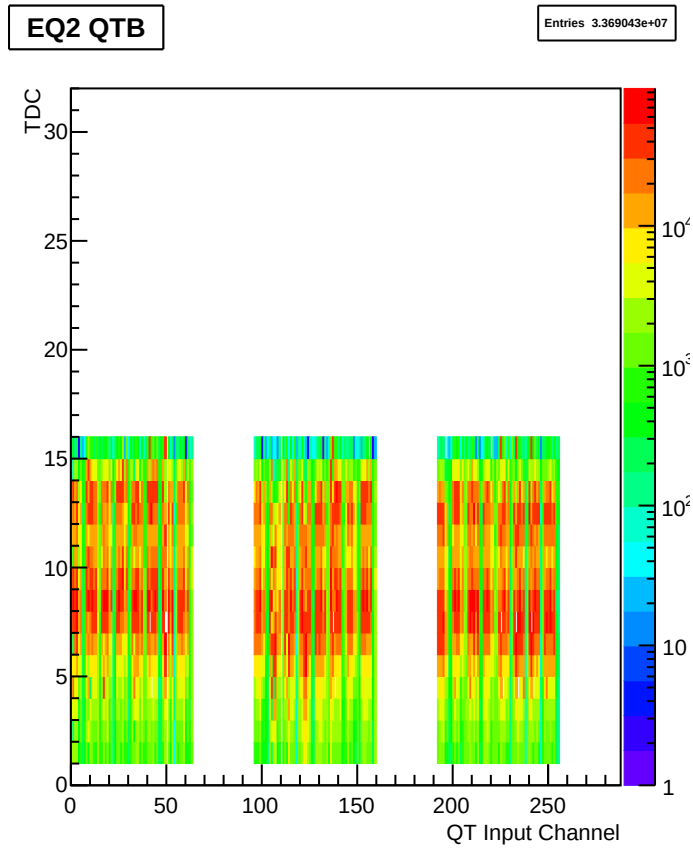

EQ1 QTB
Entries 1.305112e+08
ADC
QT Input Channel

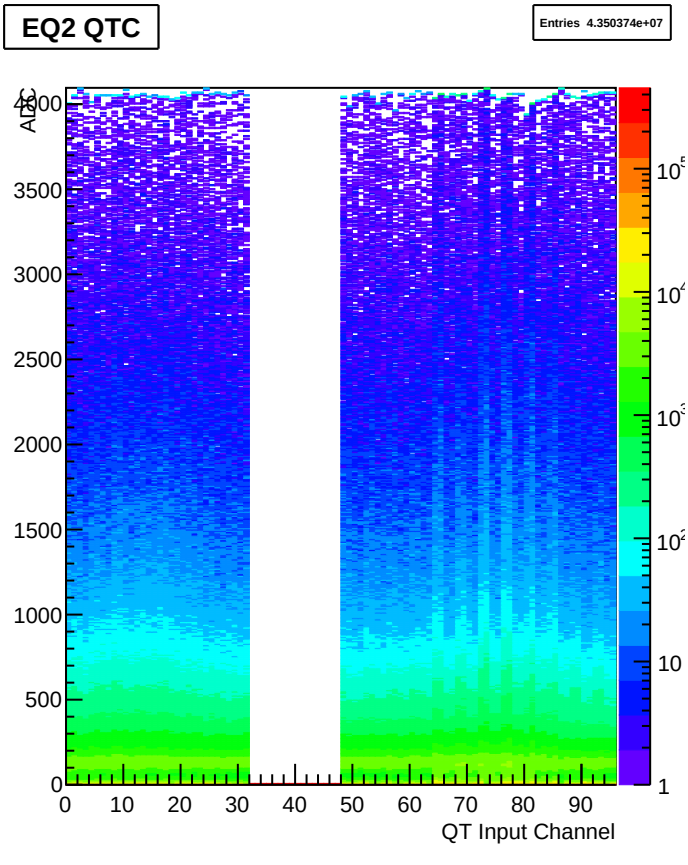

EQ1 QTB
Entries 4.472079e+07
TDC
QT Input Channel

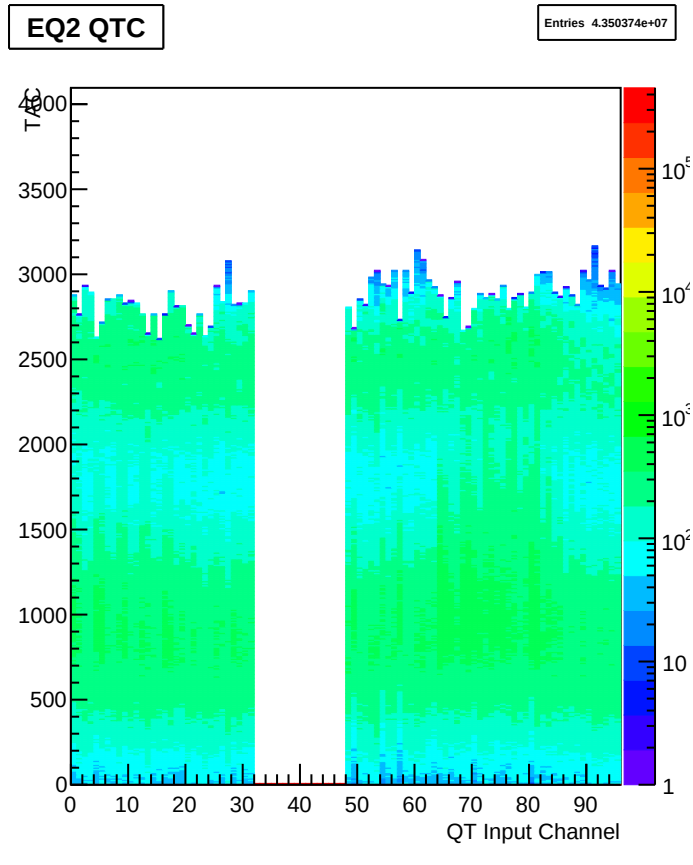

EQ1 QTC
Entries 4.350374e+07
ADC
QT Input Channel

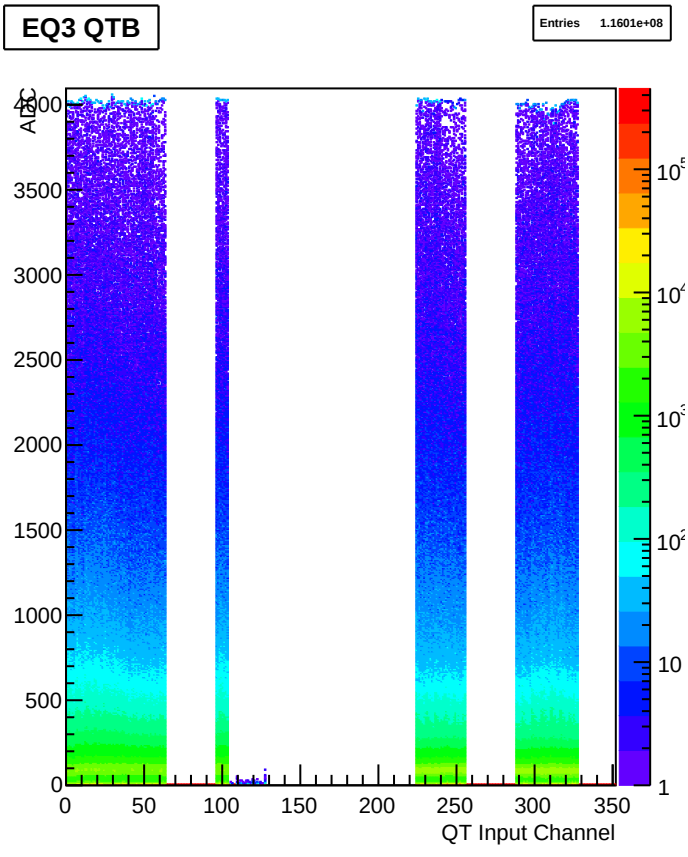

EQ1 QTC
Entries 4.350374e+07
TADC
QT Input Channel

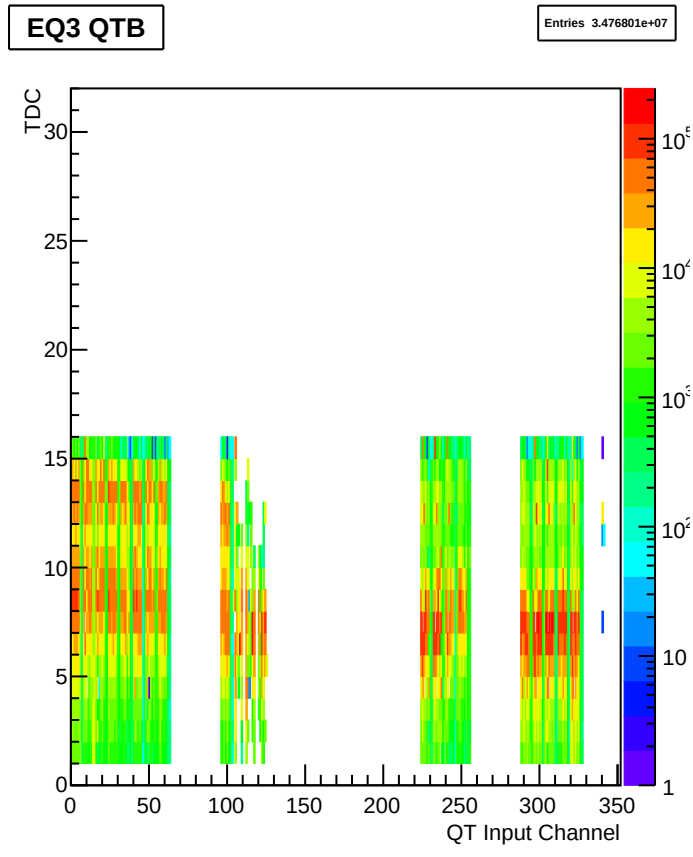

EQ2 QTB
Entries 1.305112e+08
ADC
QT Input Channel

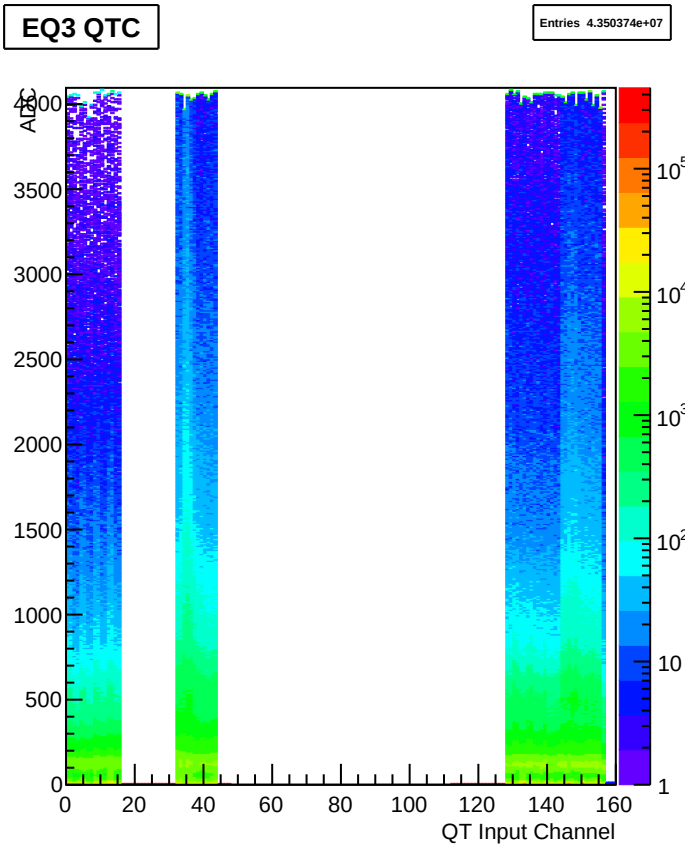

EQ2 QTB
Entries 3.369043e+07
TDC
QT Input Channel

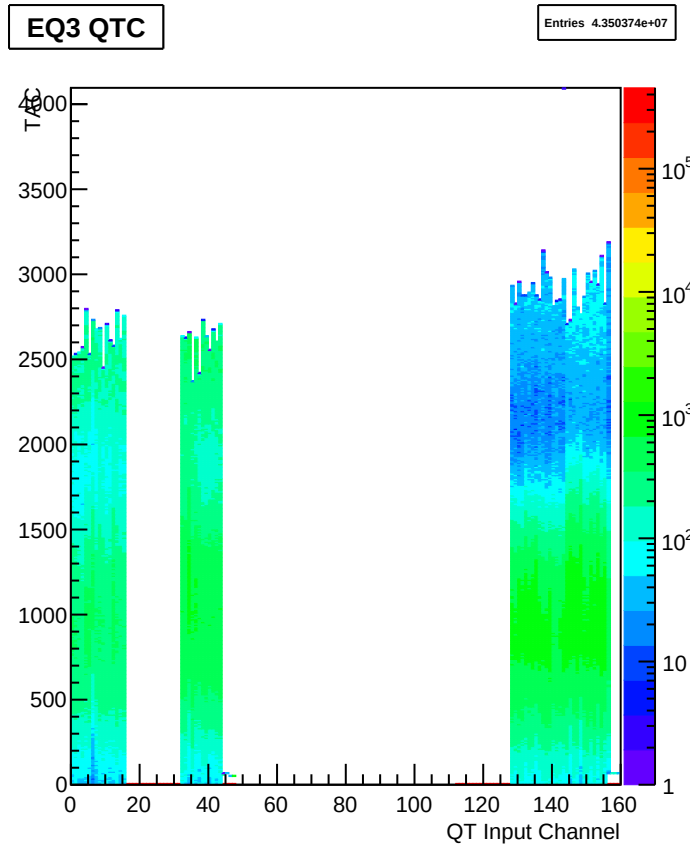

EQ2 QTC
Entries 4.350374e+07
ADC
QT Input Channel

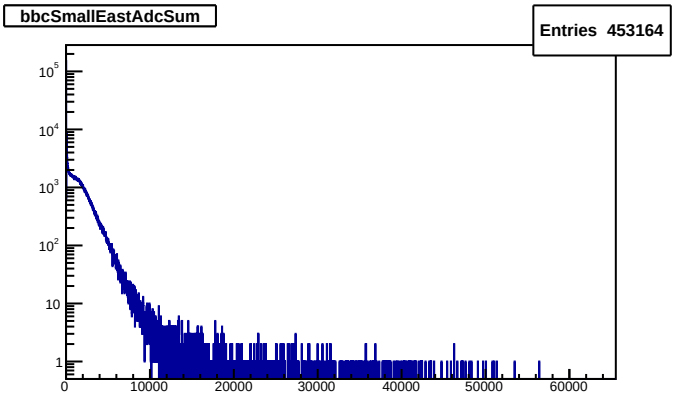

EQ2 QTC
Entries 4.350374e+07
TADC
QT Input Channel

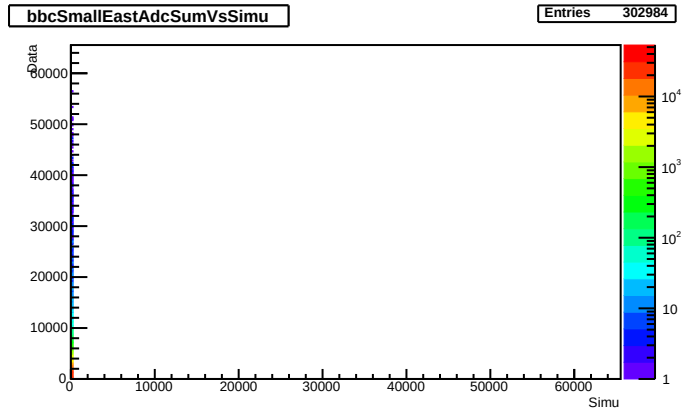

EQ3 QTB
Entries 1.1601e+08
ADC
QT Input Channel

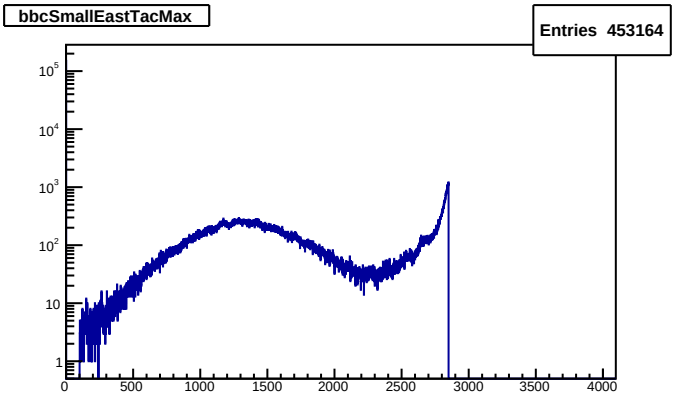

EQ3 QTB
Entries 3.476801e+07
TDC
QT Input Channel

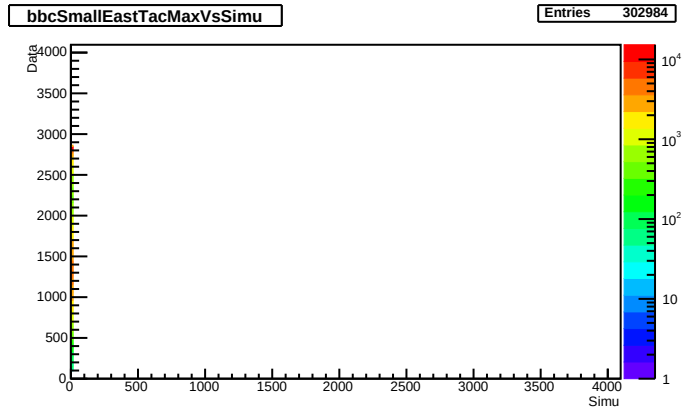

EQ3 QTC
Entries 4.350374e+07
ADC
QT Input Channel

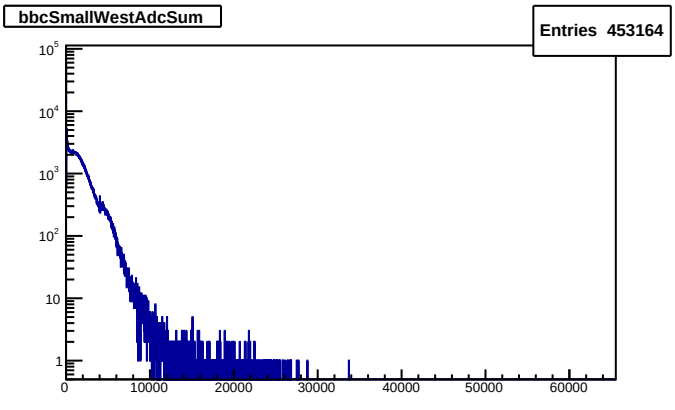

EQ3 QTC
Entries 4.350374e+07
TADC
QT Input Channel

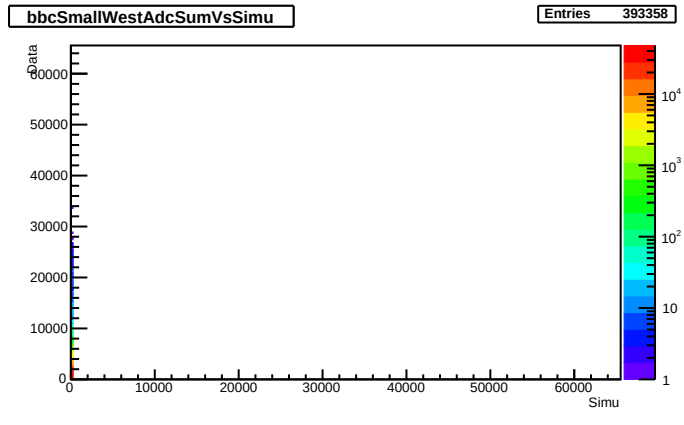

bbcSmallEastAdcSum
Entries 453164

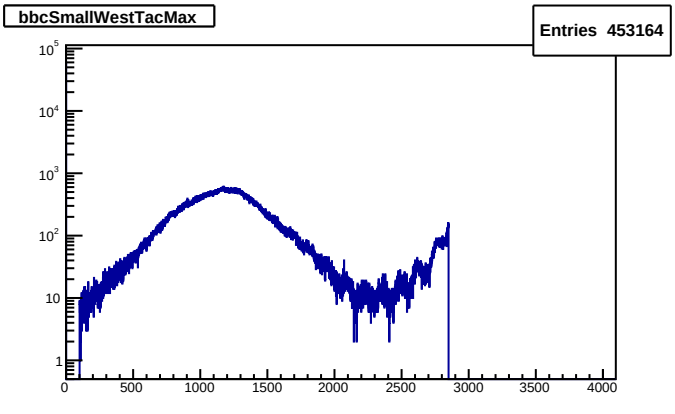

bbcSmallEastAdcSumVsSimu
Entries 302984
Data
Simu

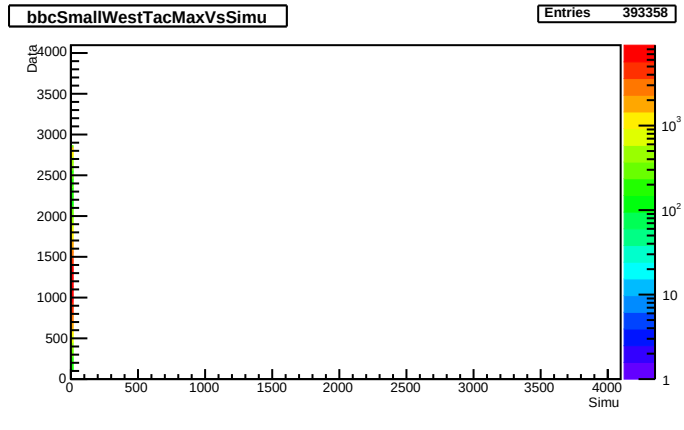

bbcSmallEastTacMax
Entries 453164

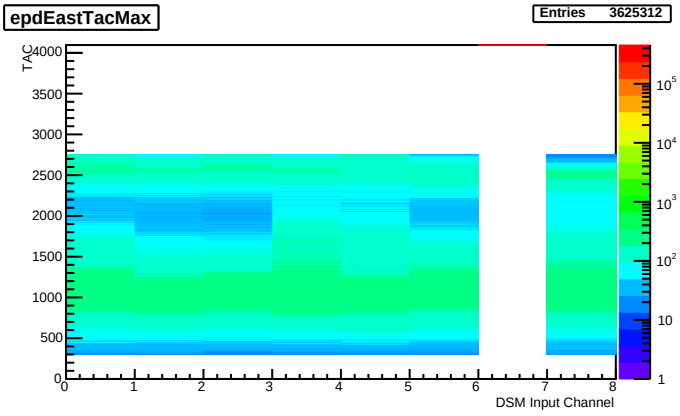

bbcSmallEastTacMaxVsSimu
Entries 302984
Data
Simu

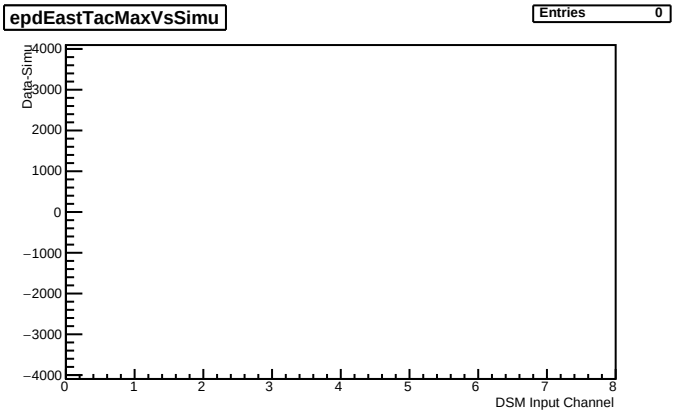

bbcSmallWestAdcSum
Entries 453164

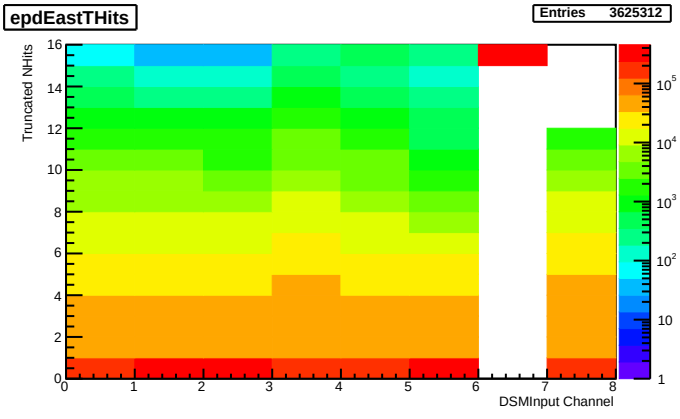

bbcSmallWestAdcSumVsSimu
Entries 393358
Data
Simu

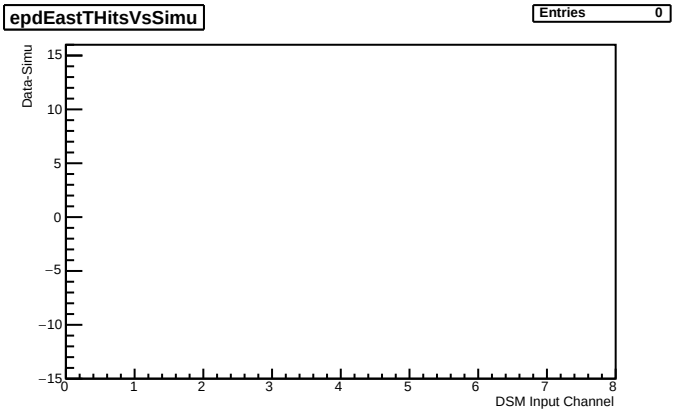

bbcSmallWestTacMax
Entries 453164

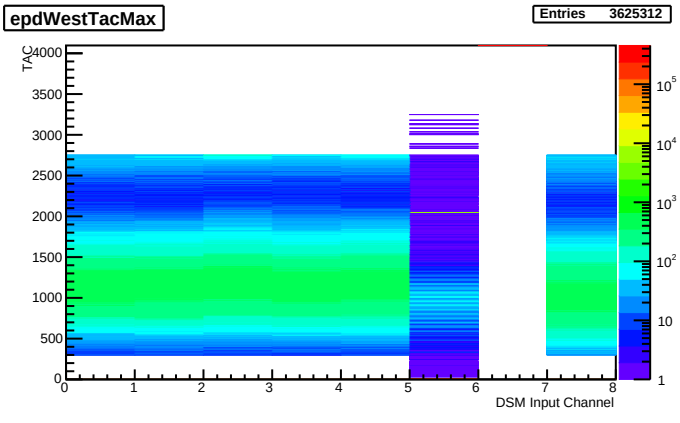

bbcSmallWestTacMaxVsSimu
Entries 393358
Data
Simu

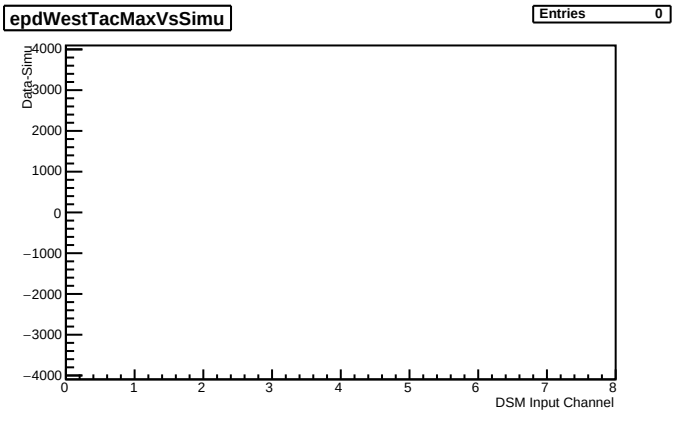

epdEastTacMax
Entries 3625312
TAC
DSM Input Channel

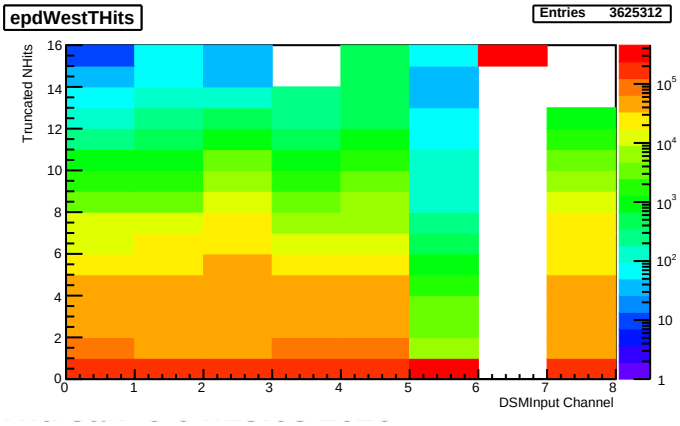

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

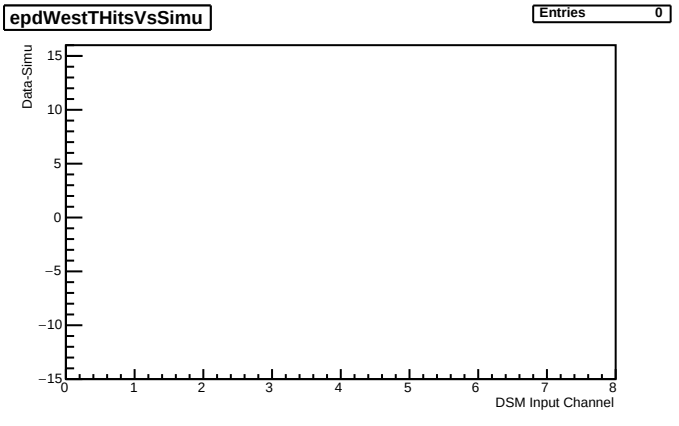

epdEastTHits
Entries 3625312
Truncated NHits
DSMInput Channel

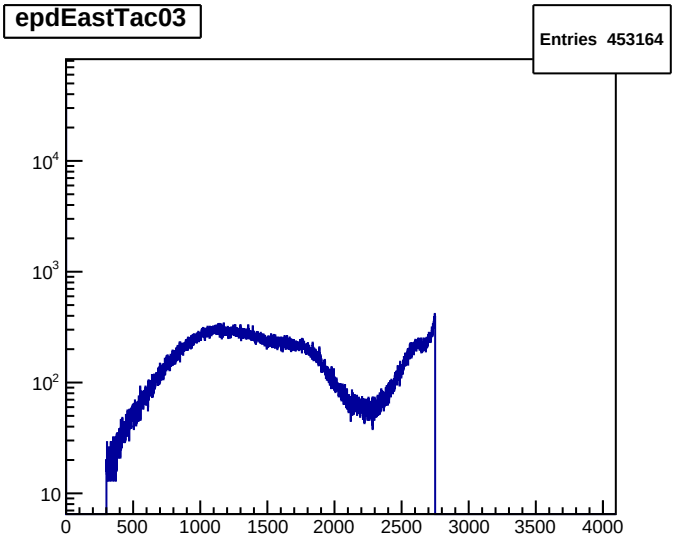

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

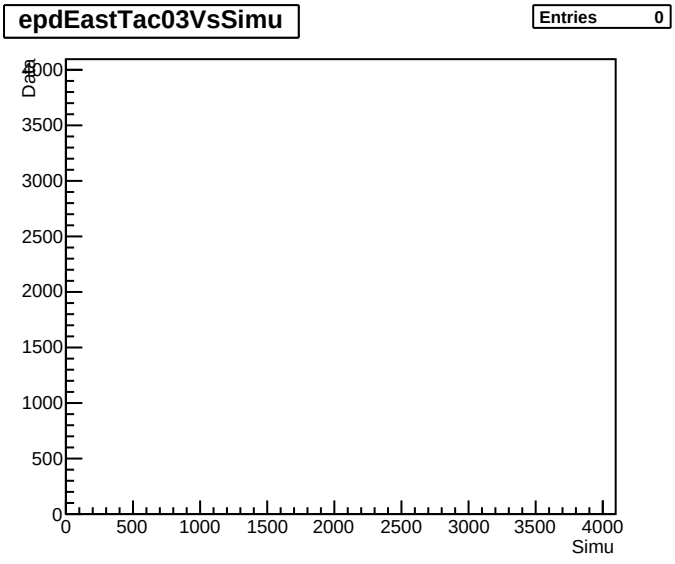

epdWestTacMax
Entries 3625312
TAC
DSM Input Channel

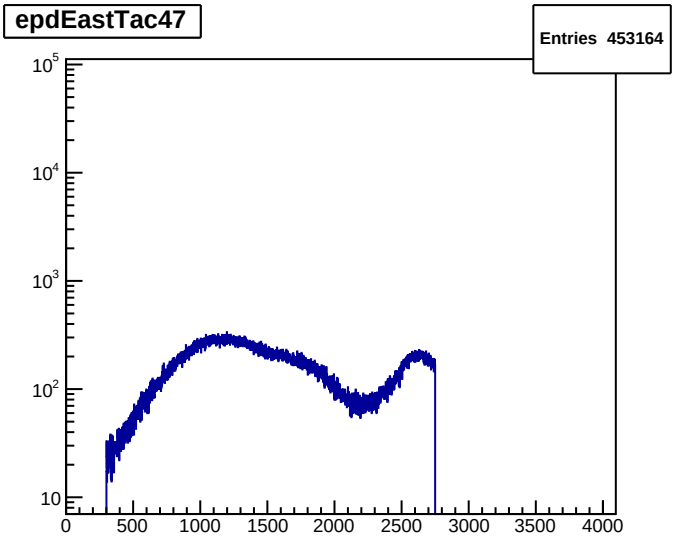

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

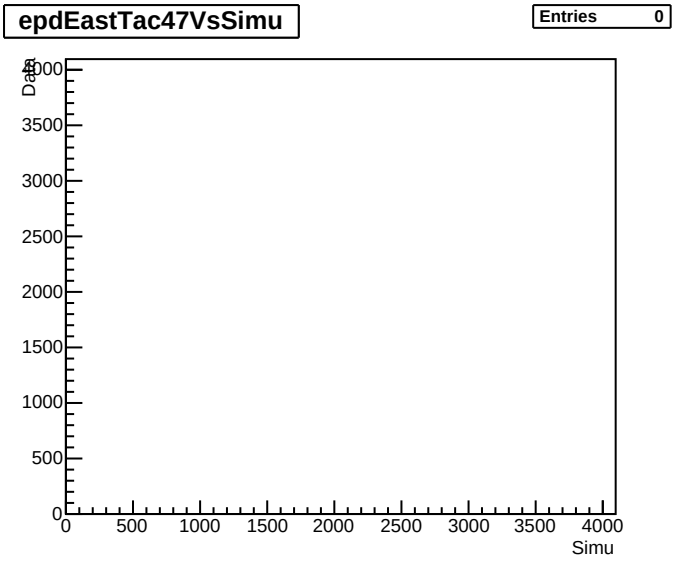

epdWestTHits
Entries 3625312
Truncated NHits
DSMInput Channel

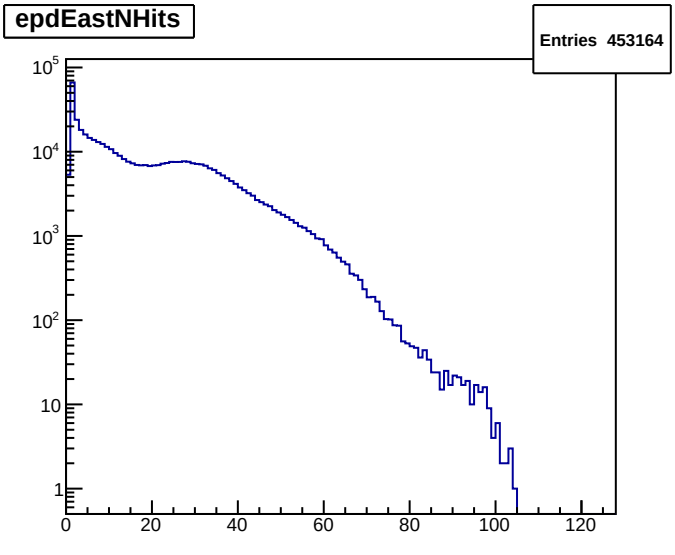

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

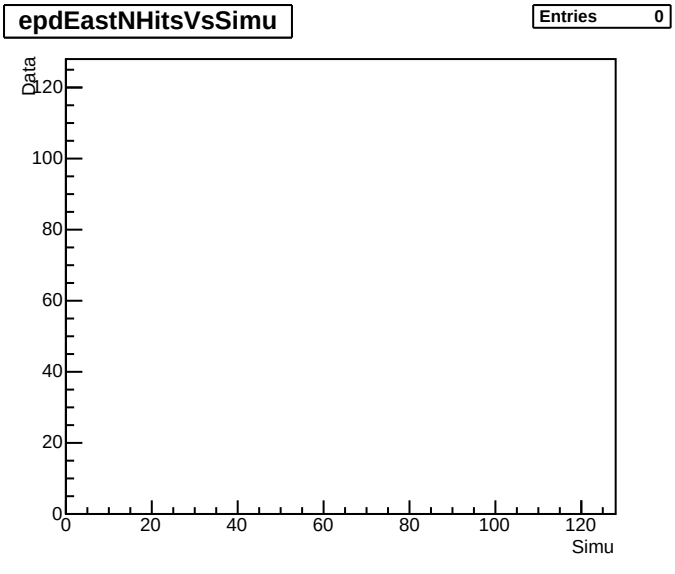

epdEastTac03
Entries 453164

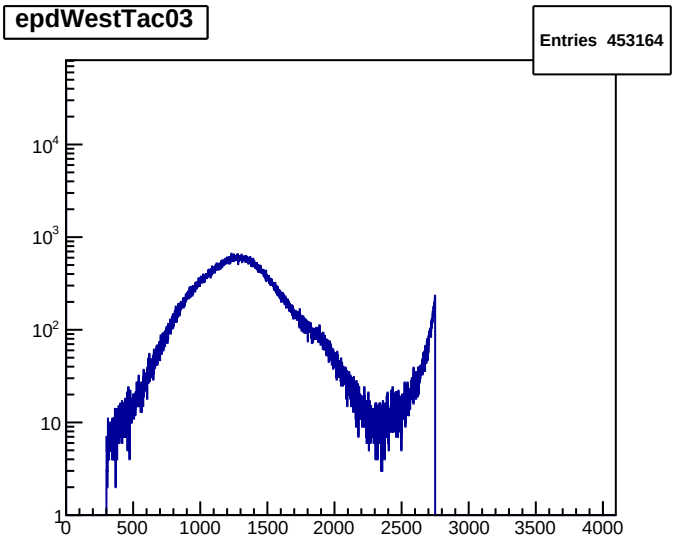

epdEastTac03VsSimu
Entries 0
Data
Simu

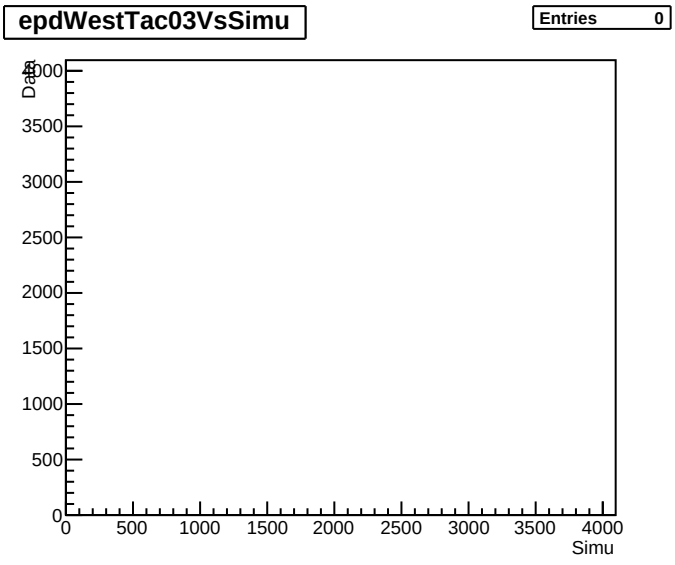

epdEastTac47
Entries 453164

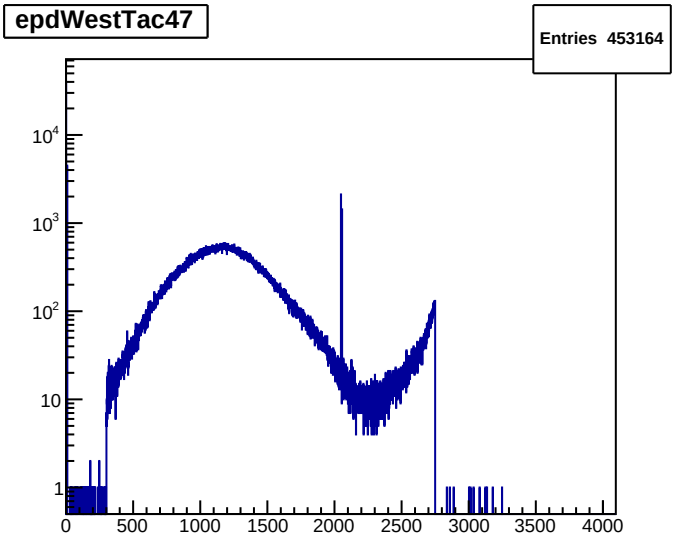

epdEastTac47VsSimu
Entries 0
Data
Simu

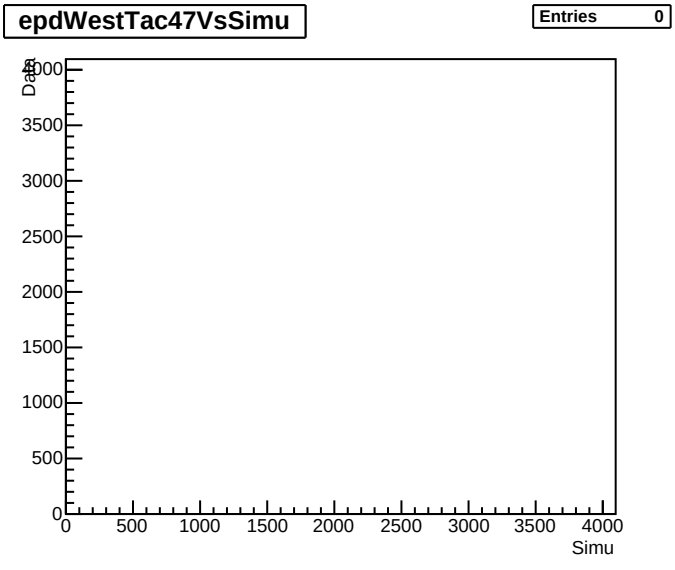

epdEastNHits
Entries 453164

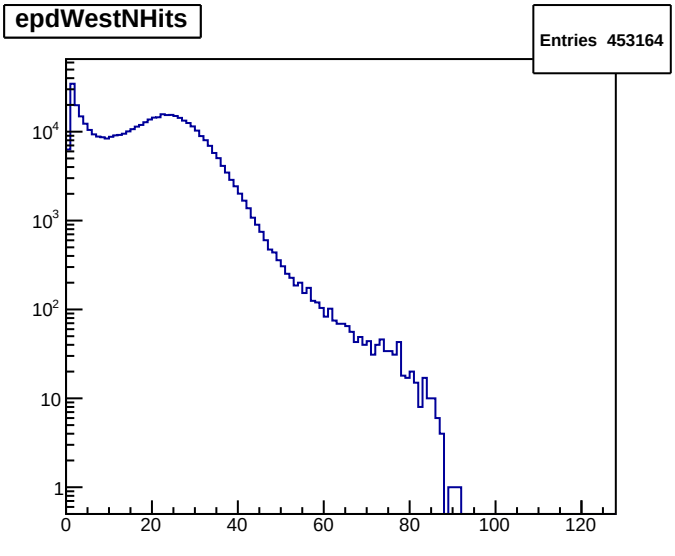

epdEastNHitsVsSimu
Entries 0
Data
Simu

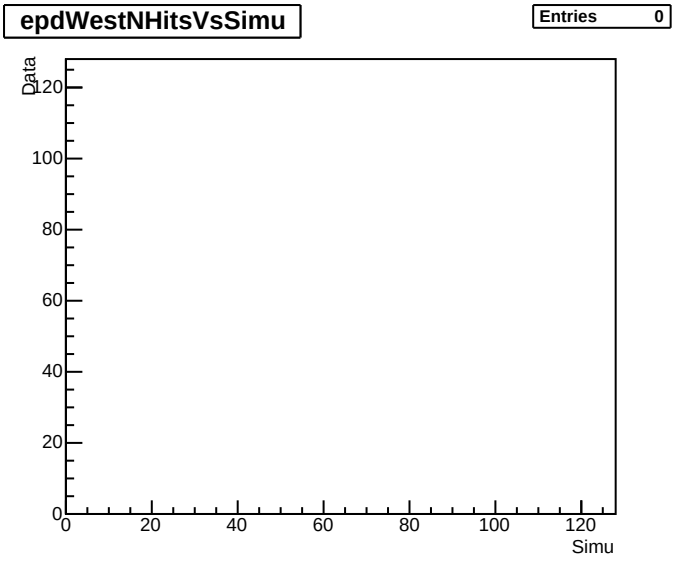

epdWestTac03
Entries 453164

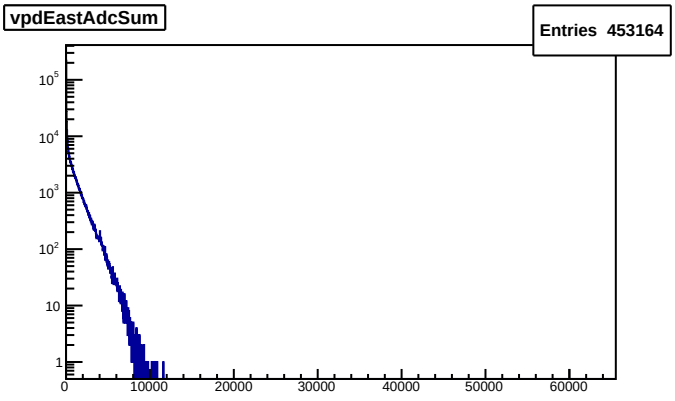

epdWestTac03VsSimu
Entries 0
Data
Simu

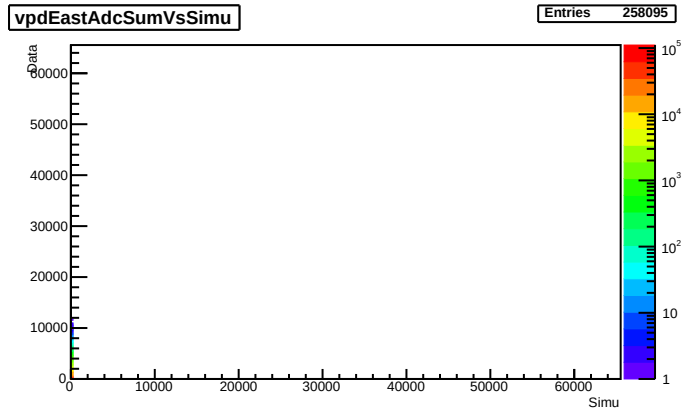

epdWestTac47
Entries 453164

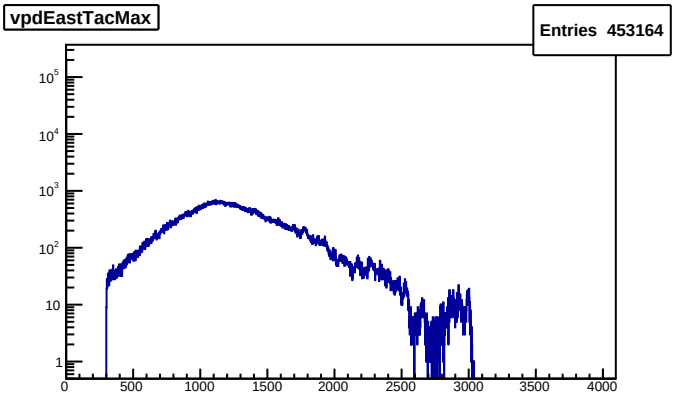

epdWestTac47VsSimu
Entries 0
Data
Simu

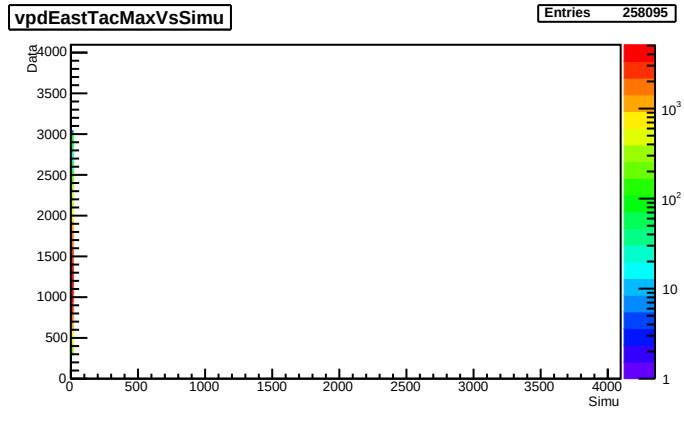

epdWestNHits
Entries 453164

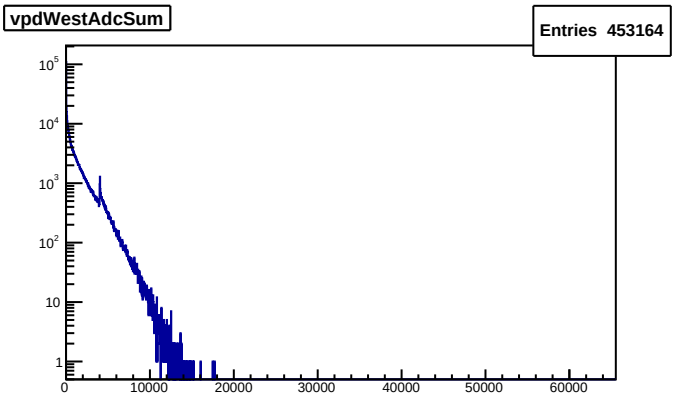

epdWestNHitsVsSimu
Entries 0
Data
Simu

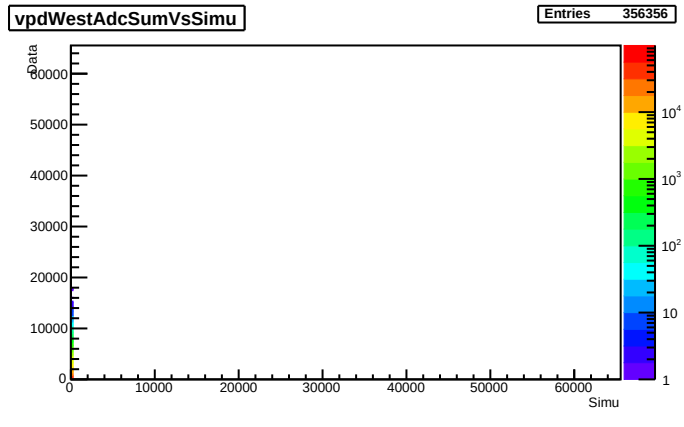

vpdEastAdcSum
Entries 453164

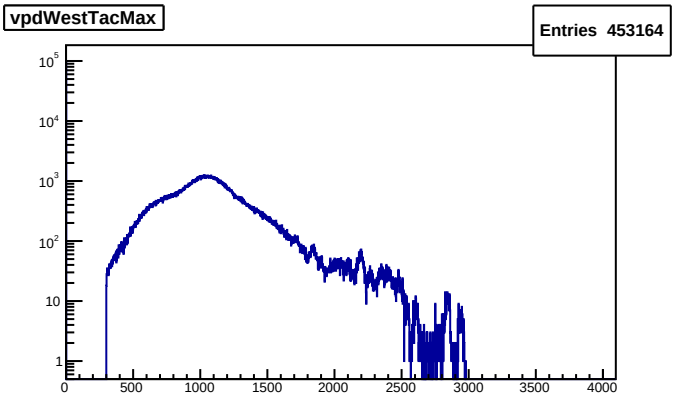

vpdEastAdcSumVsSimu
Entries 258095
Data
Simu

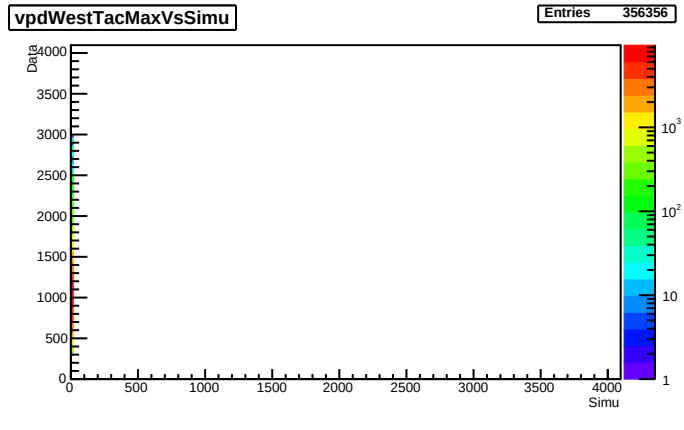

vpdEastTacMax
Entries 453164

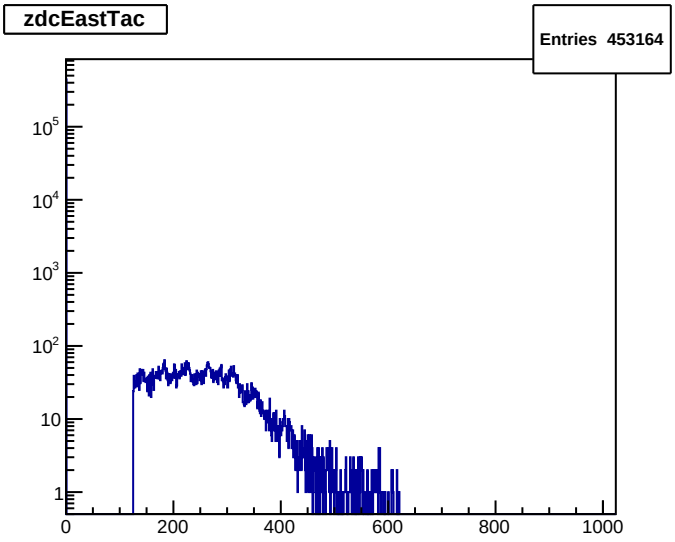

vpdEastTacMaxVsSimu
Entries 258095
Data
Simu

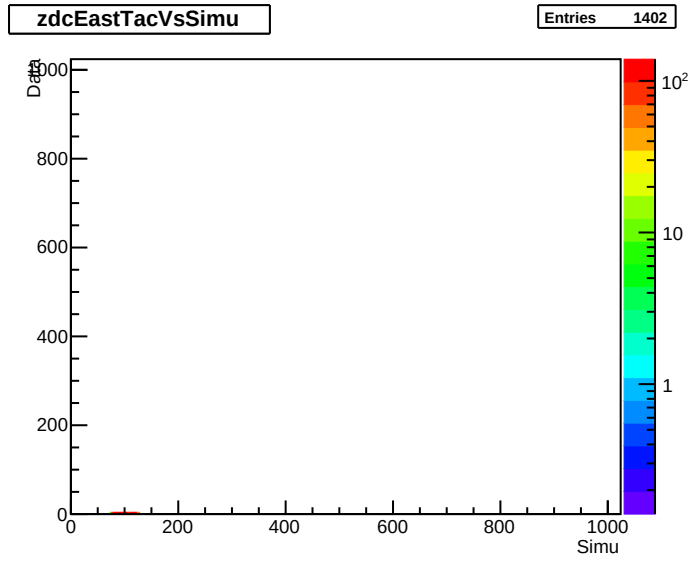

vpdWestAdcSum
Entries 453164

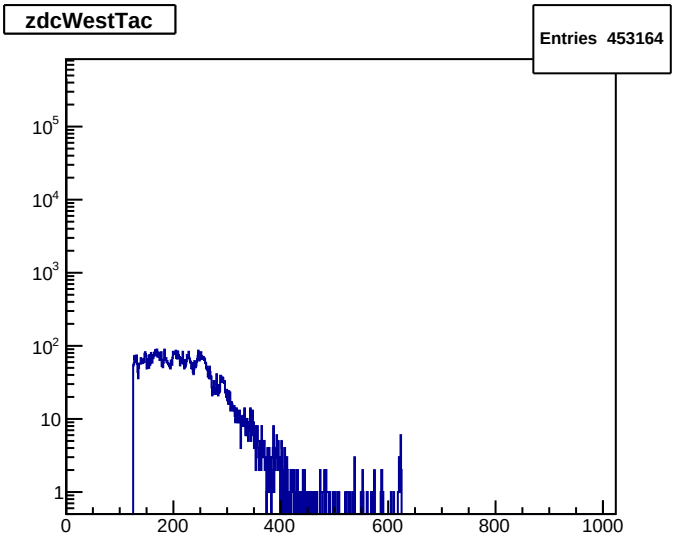

vpdWestAdcSumVsSimu
Entries 356356
Data
Simu

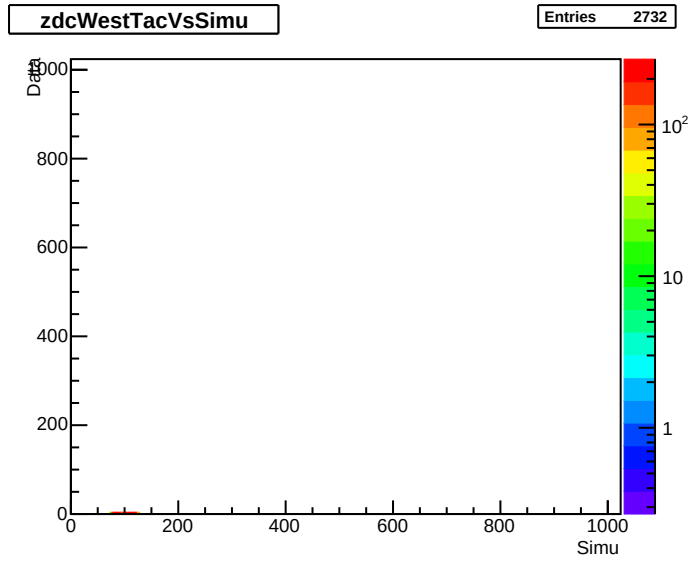

vpdWestTacMax
Entries 453164

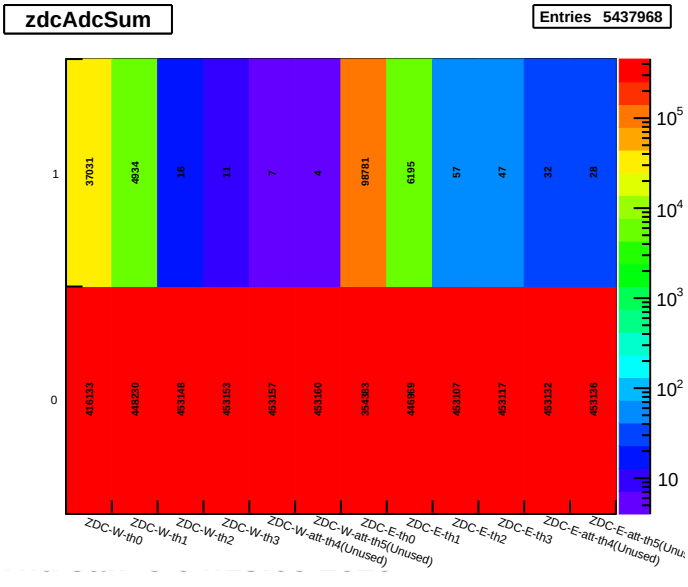

vpdWestTacMaxVsSimu
Entries 356356
Data
Simu

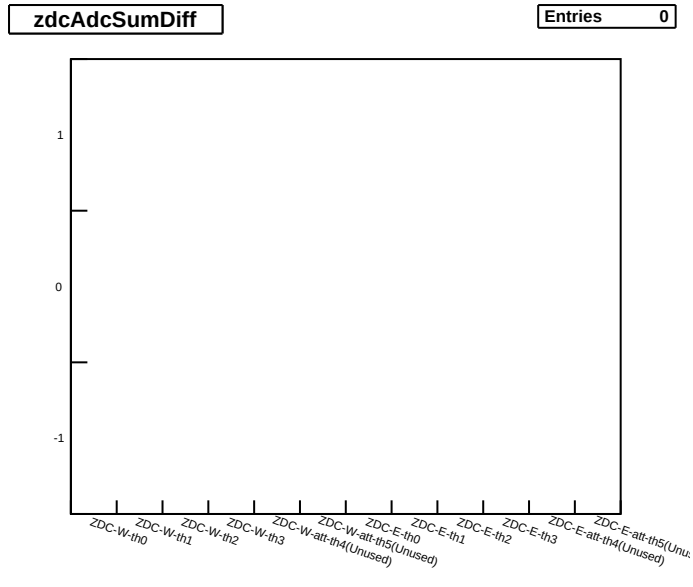

zdcEastTac
Entries 453164

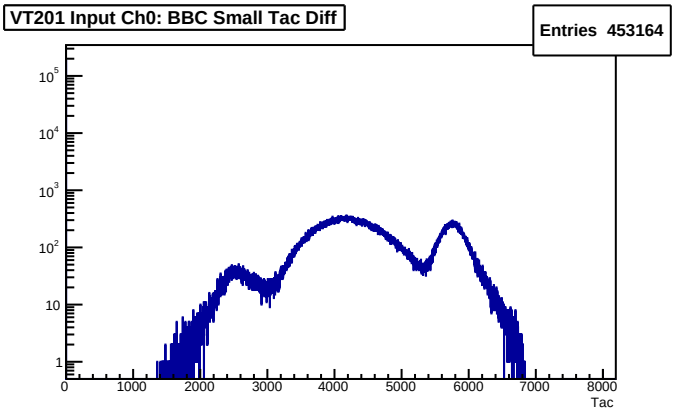

zdcEastTacVsSimu
Entries 1402
Data
Simu

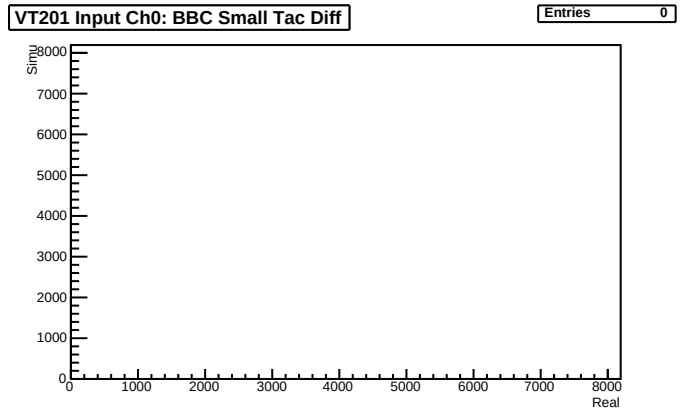

zdcWestTac
Entries 453164

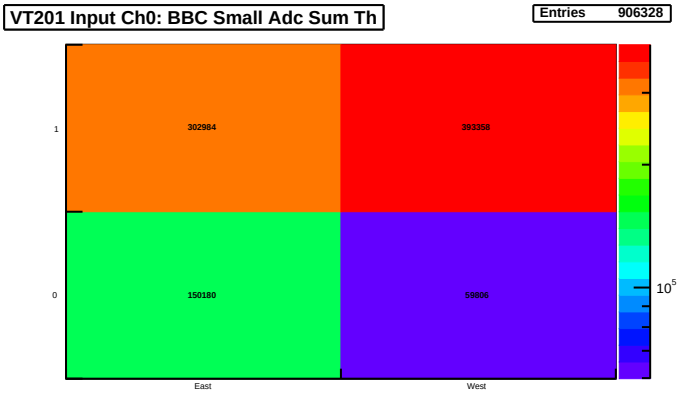

zdcWestTacVsSimu
Entries 2732
Data
Simu

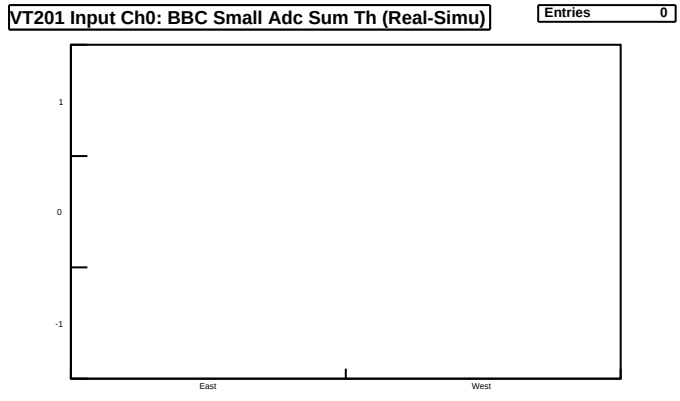

zdcAdcSum
Entries 5437968
37031
4934
16
11
7
4
98781
6195
57
47
32
28
416133
448230
453148
453153
453157
453160
354383
446869
453107
453117
453132
453136
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

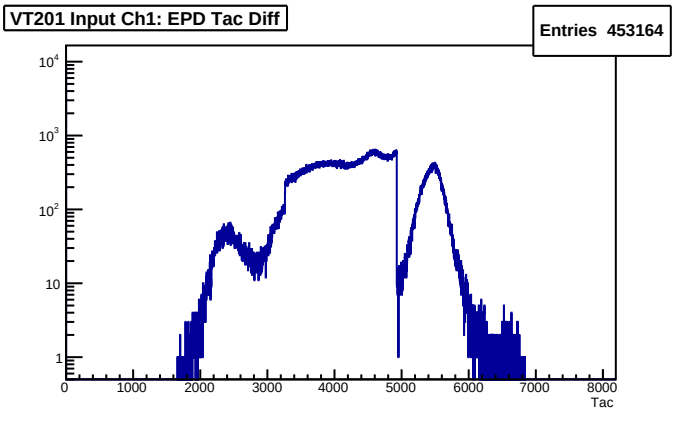

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

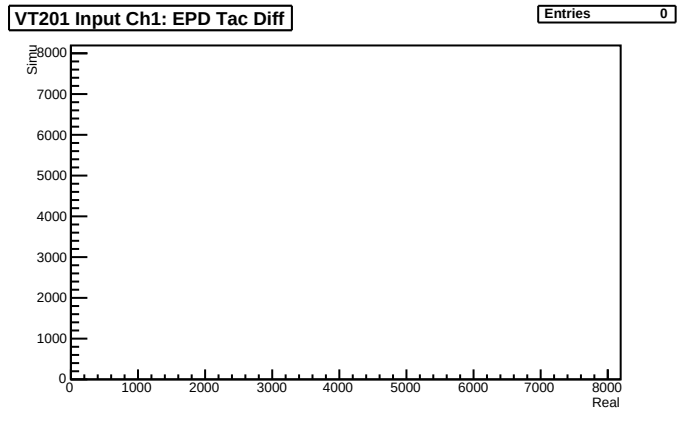

VT201 Input Ch0: BBC Small Tac Diff
Entries 453164
Tac

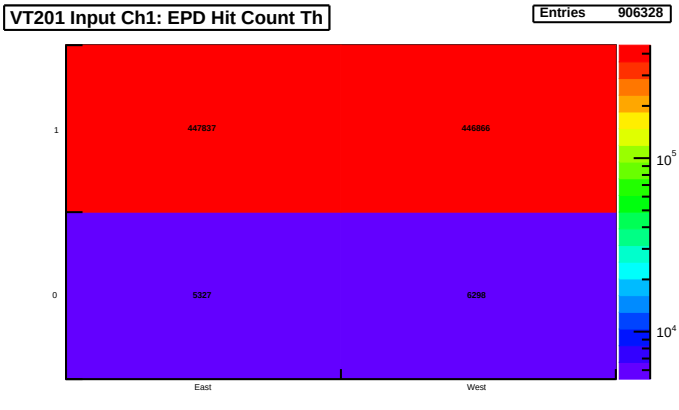

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

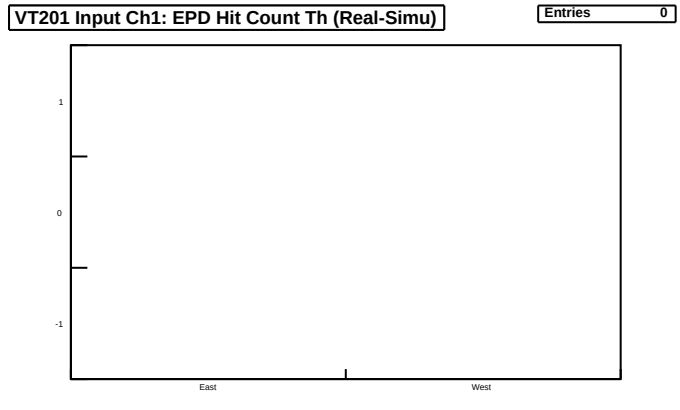

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 906328
302984
393358
150180
59806
East
West

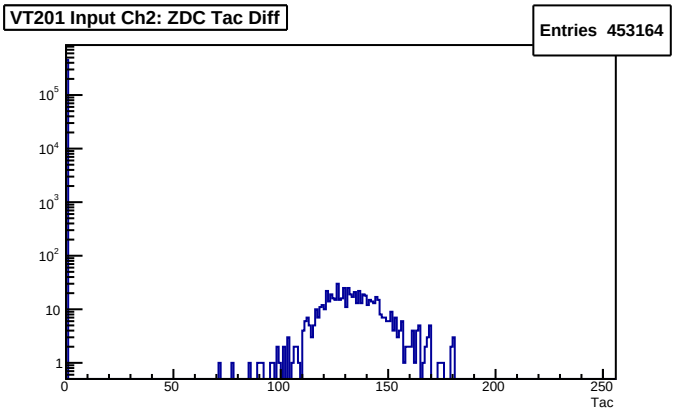

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

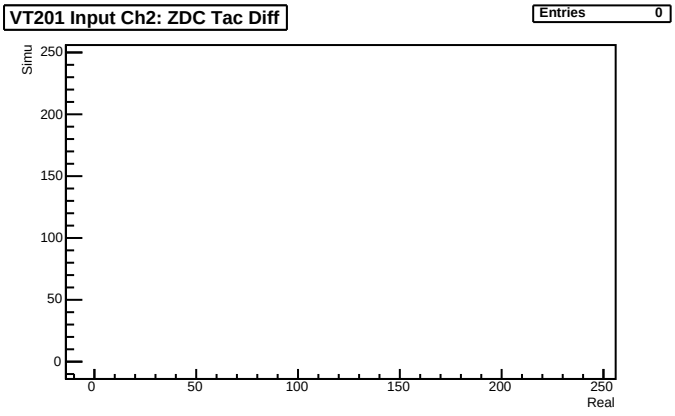

VT201 Input Ch1: EPD Tac Diff
Entries 453164
Tac

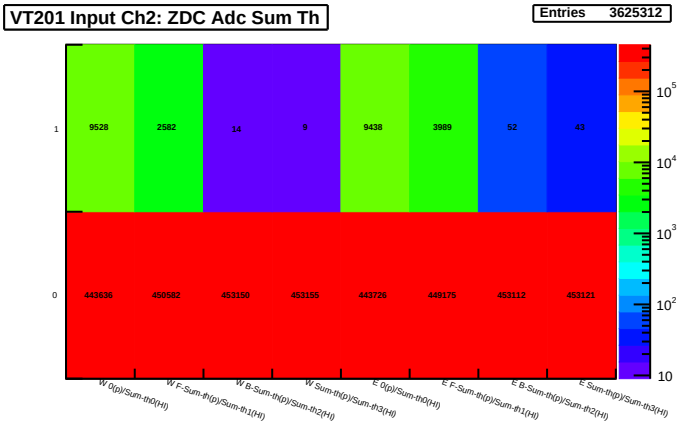

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

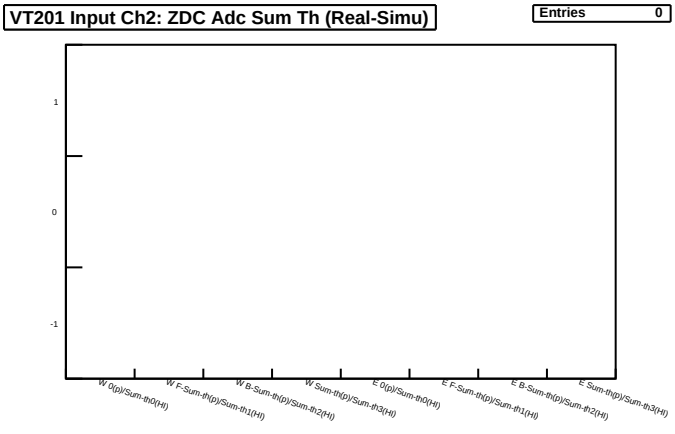

VT201 Input Ch1: EPD Hit Count Th
Entries 906328
447837
446866
5327
6298
East
West

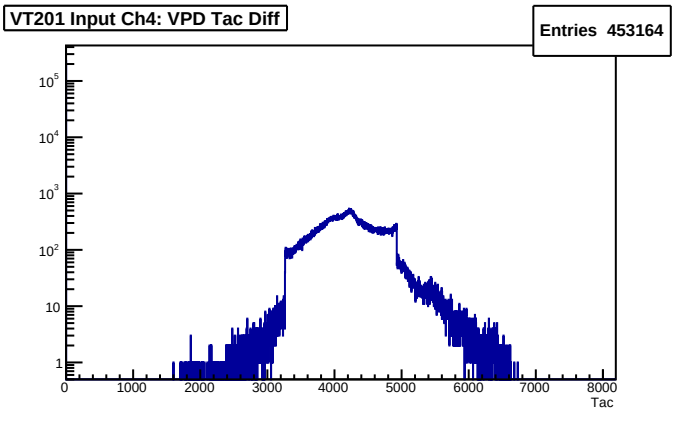

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

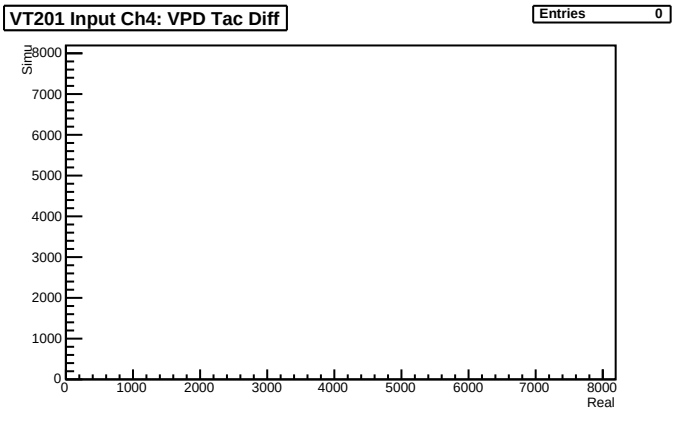

VT201 Input Ch2: ZDC Tac Diff
Entries 453164
Tac

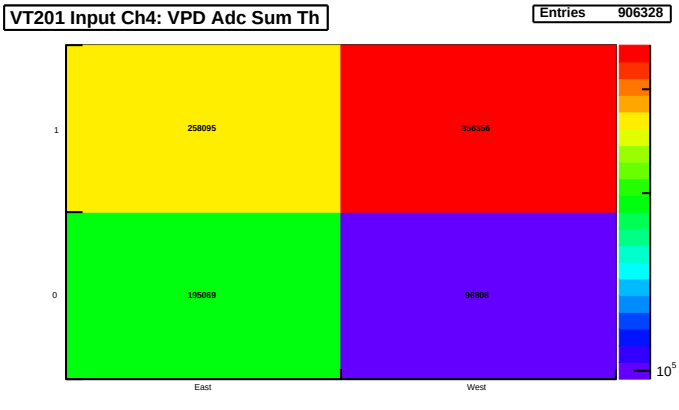

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

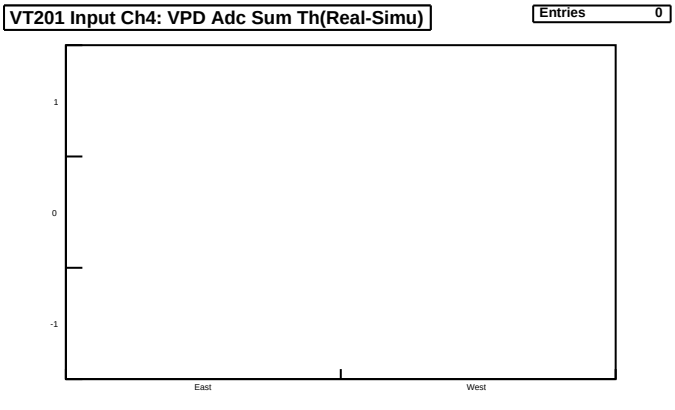

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3625312
9528
2582
14
9
9438
3989
52
43
443636
450582
453150
453155
443726
449175
453112
453121
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

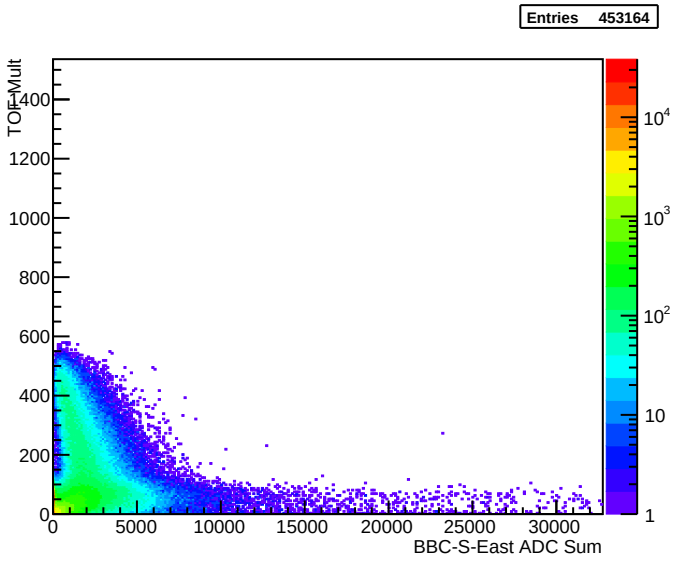

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

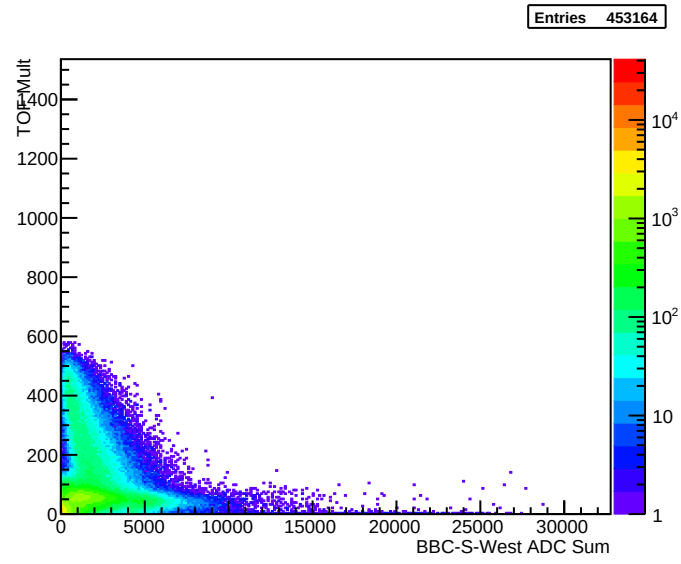

VT201 Input Ch4: VPD Tac Diff
Entries 453164
Tac

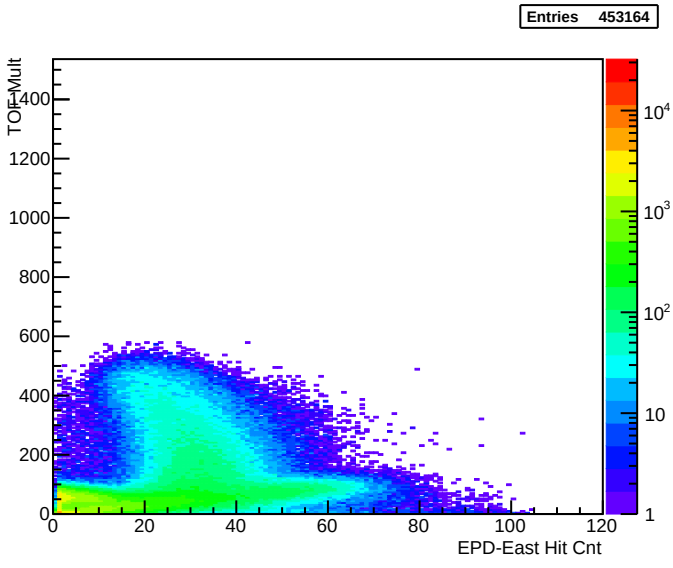

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

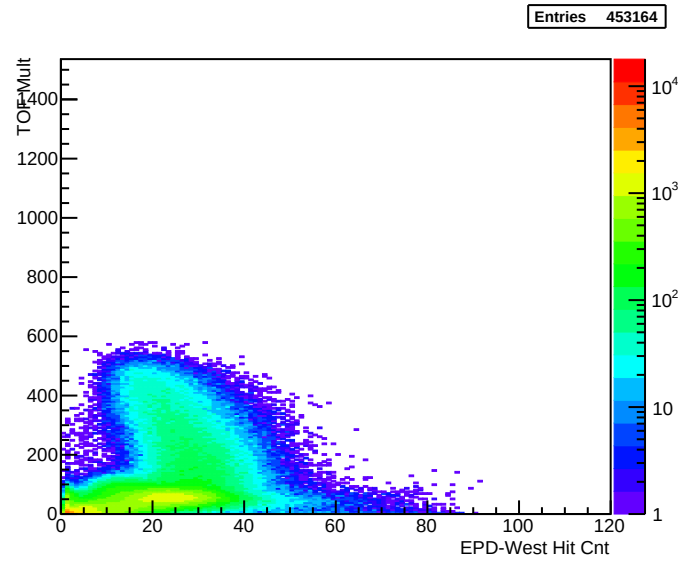

VT201 Input Ch4: VPD Adc Sum Th
Entries 906328
258095
350356
195069
96808
East
West

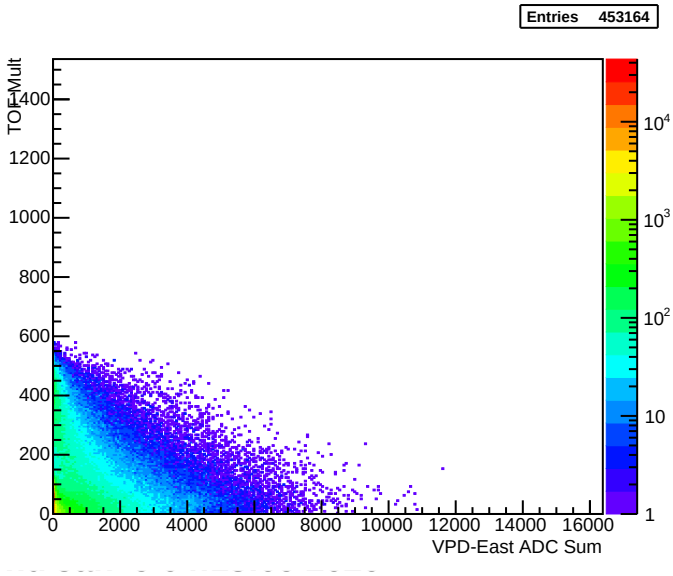

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

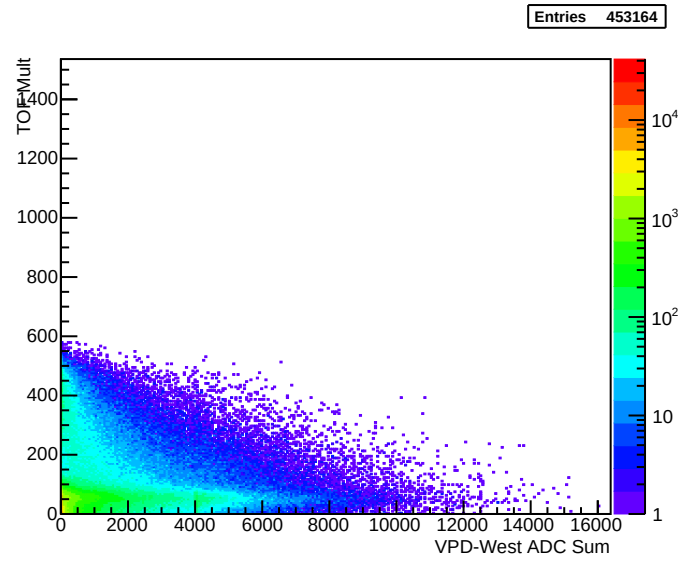

Entries 453164
TOF-Mult
BBC-S-East ADC Sum

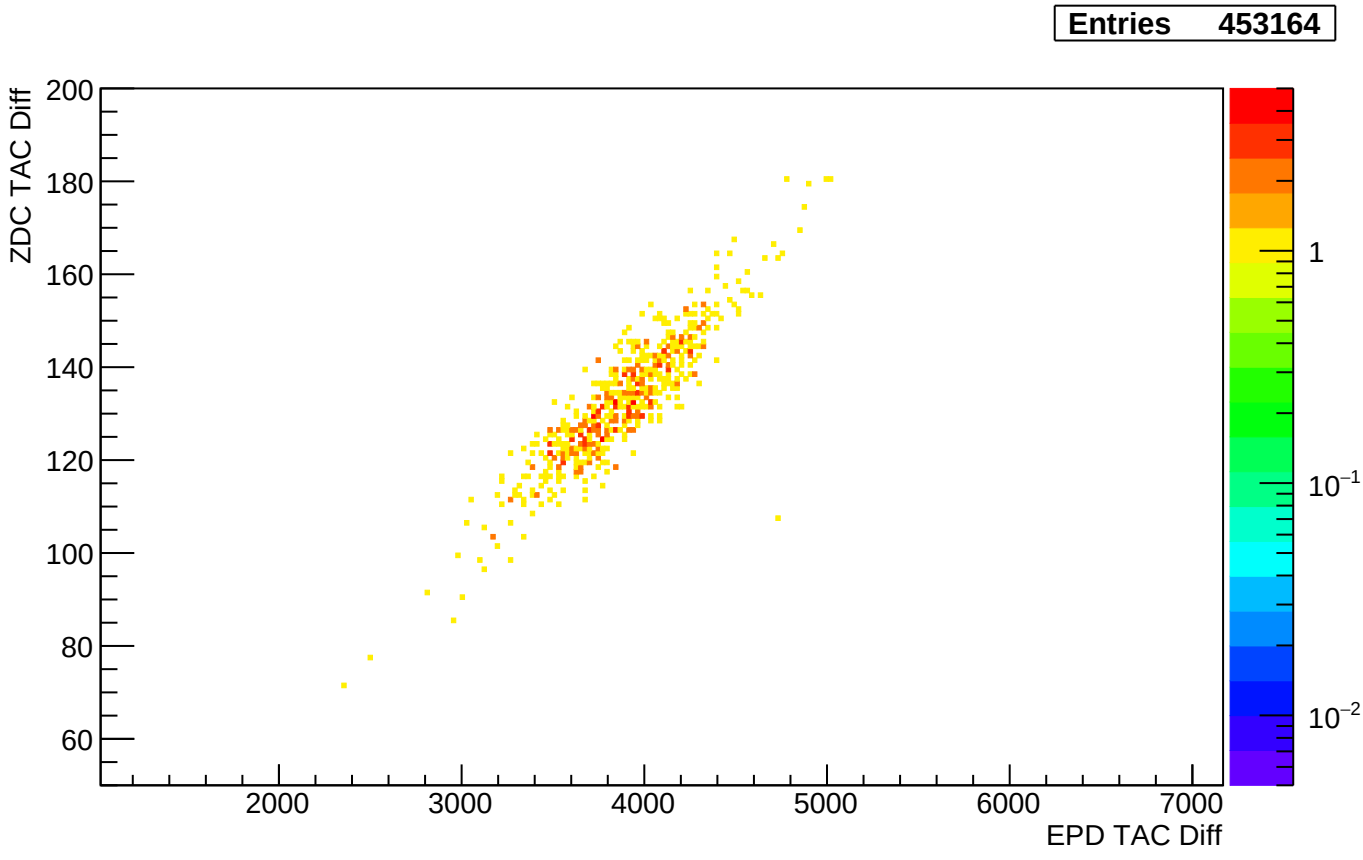

Entries 453164
TOF-Mult
BBC-S-West ADC Sum

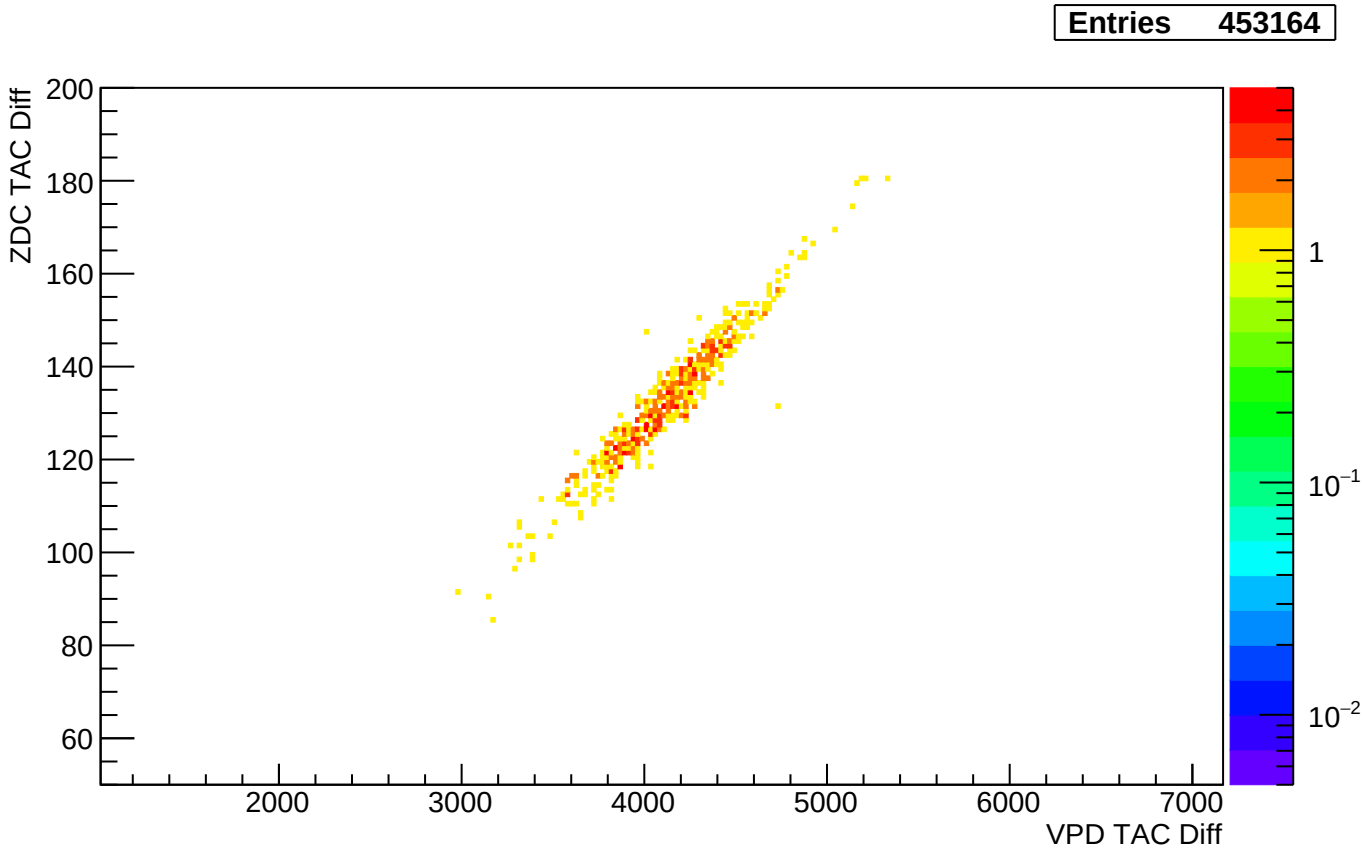

Entries 453164
TOF-Mult
EPD-East Hit Cnt

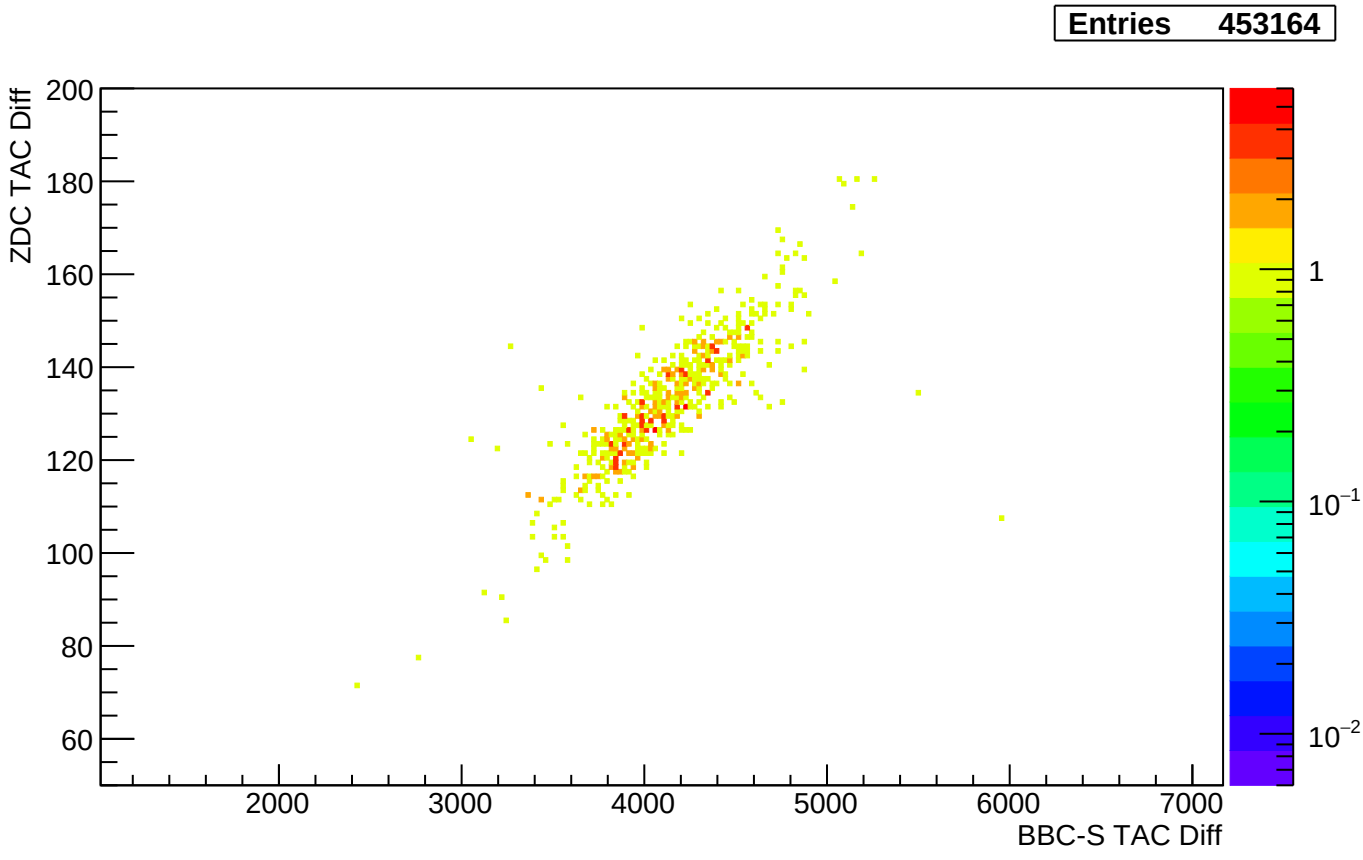

Entries 453164
TOF-Mult
EPD-West Hit Cnt

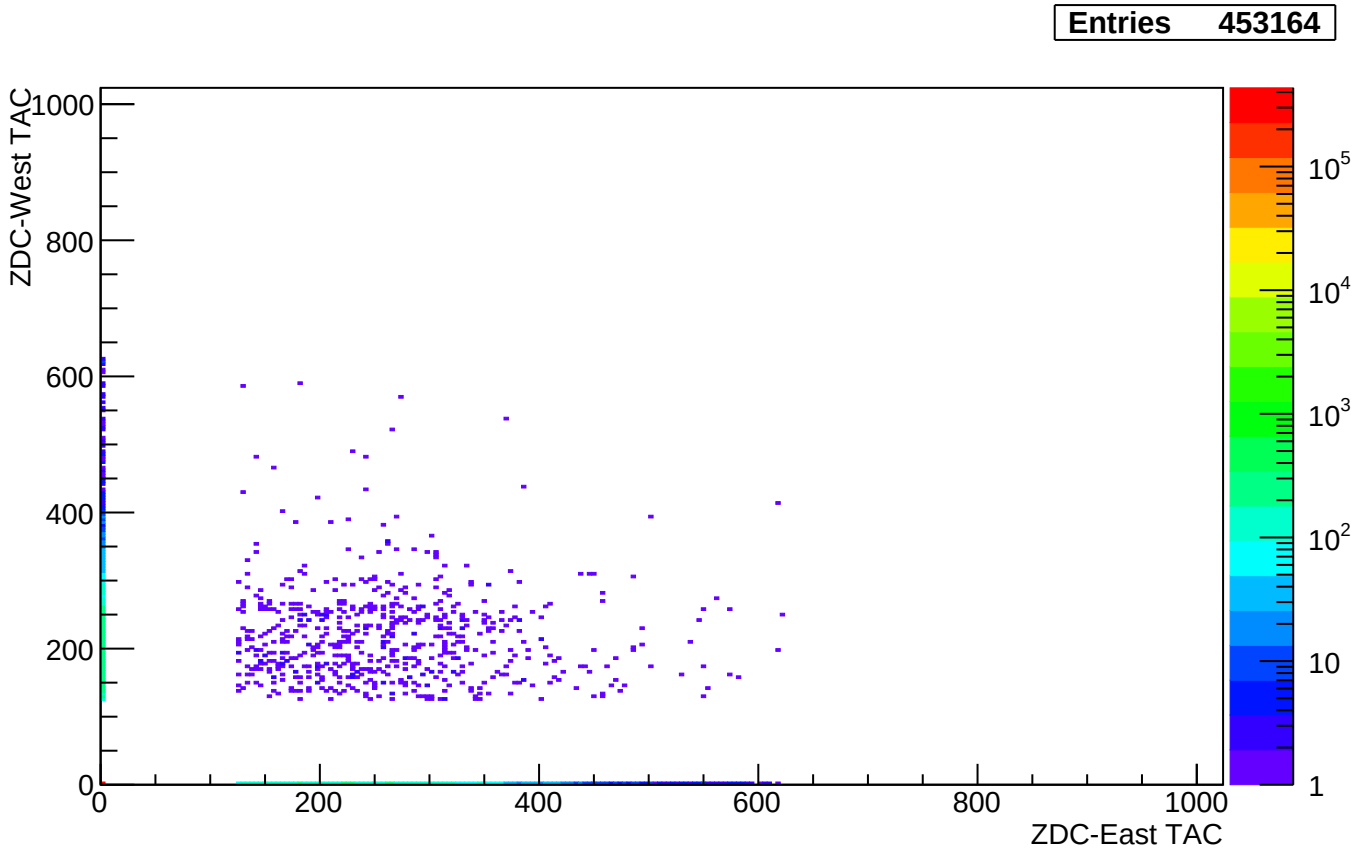

Entries 453164
TOF-Mult
VPD-East ADC Sum

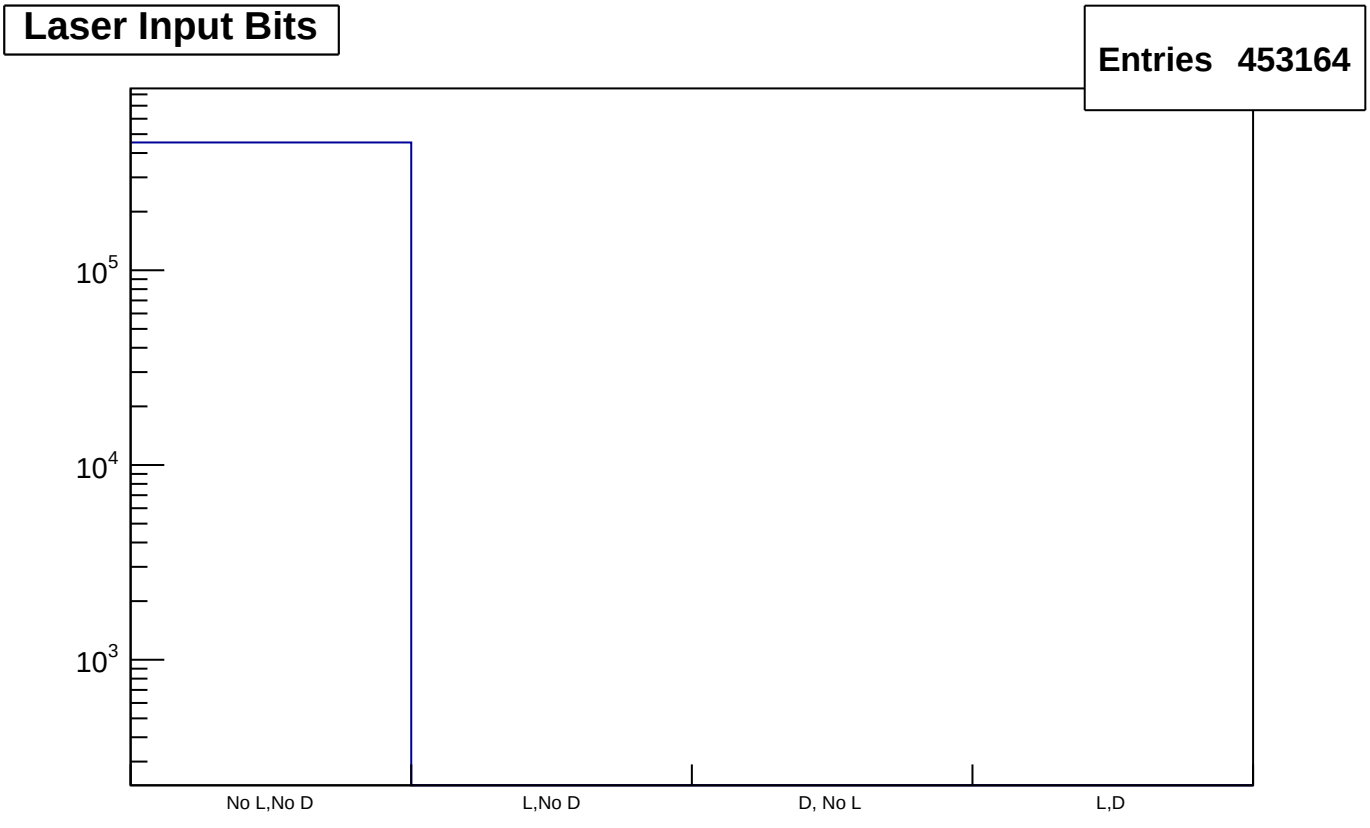

Entries 453164
TOF-Mult
VPD-West ADC Sum

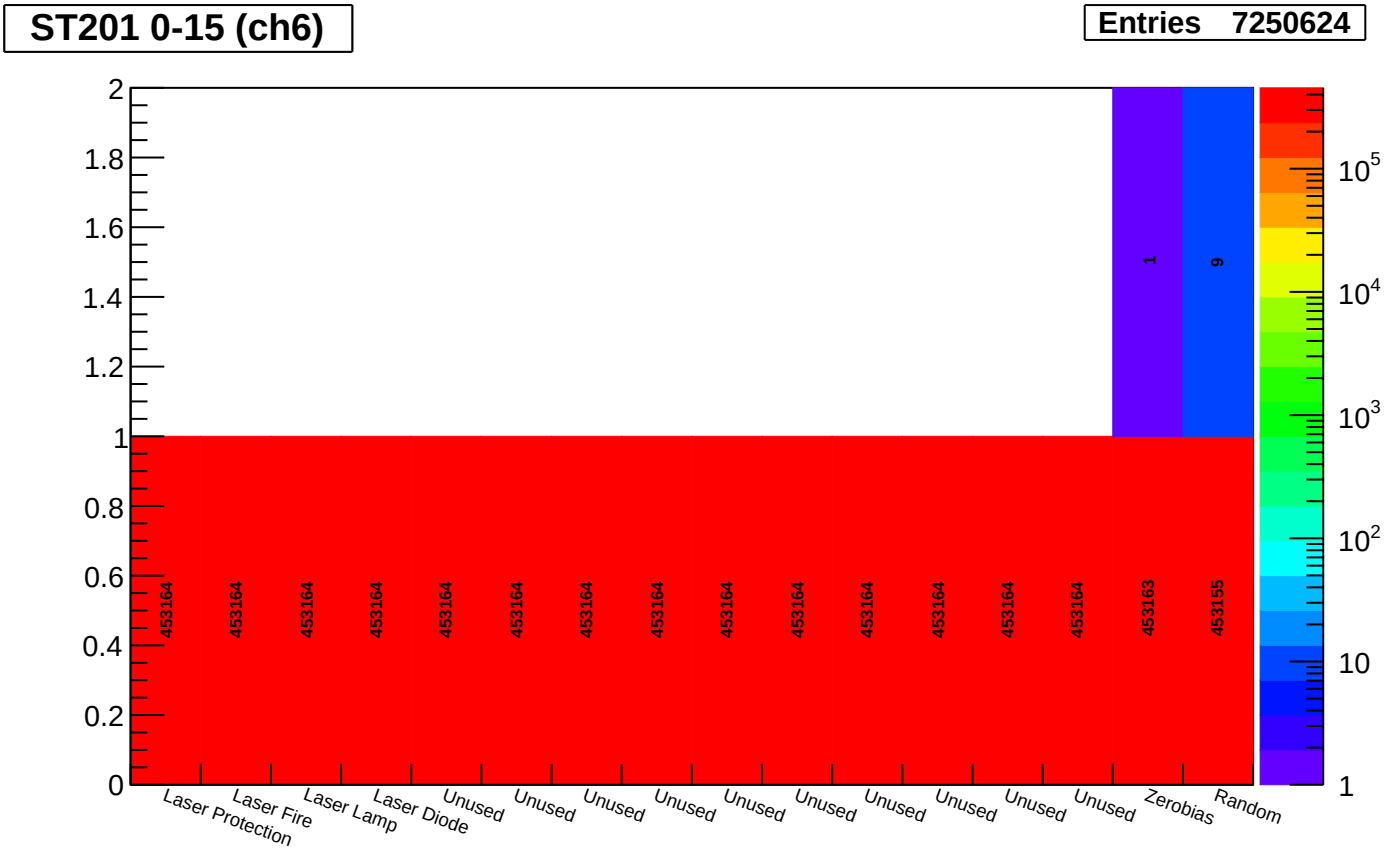

Entries 453164
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

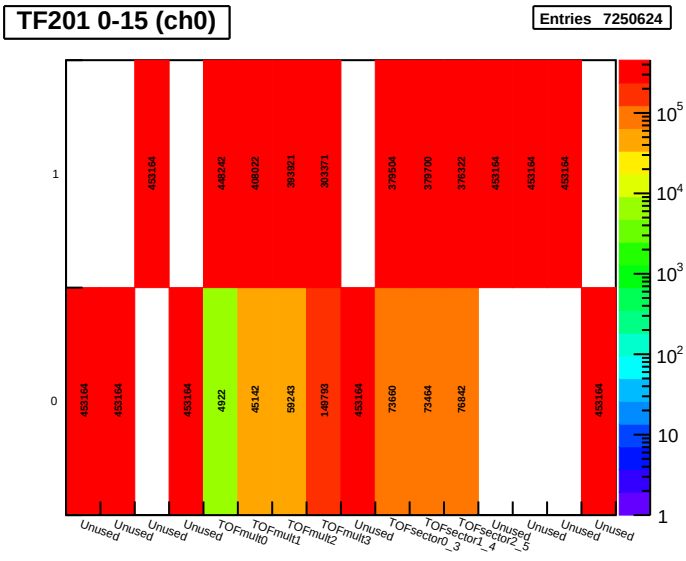

Entries 453164
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

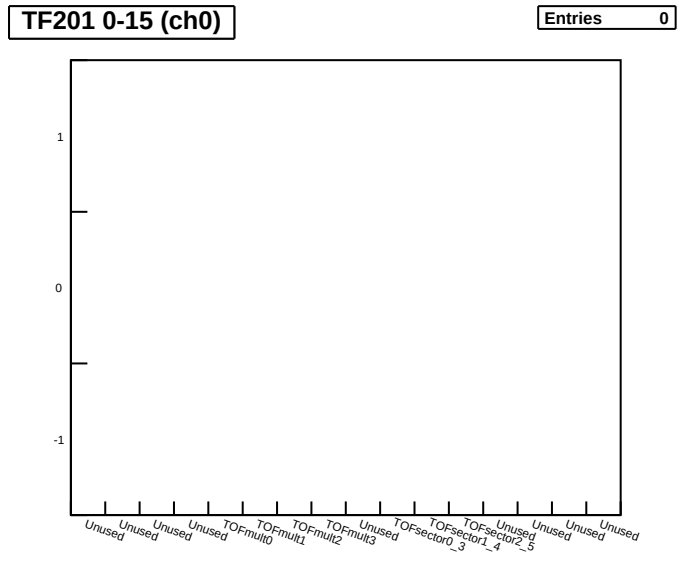

Entries 453164
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

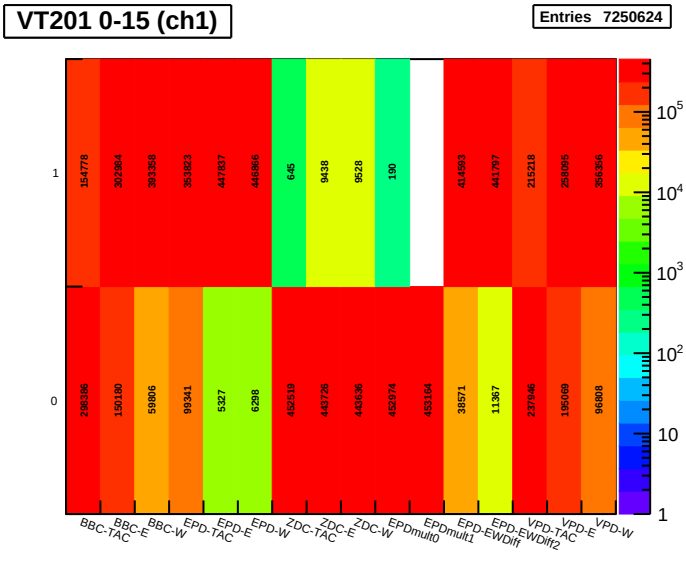

Entries 453164
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

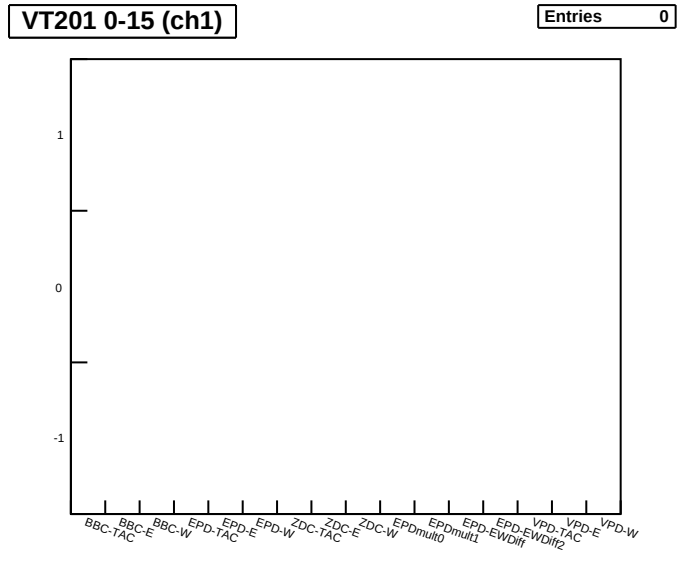

Laser Input Bits
Entries 453164
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

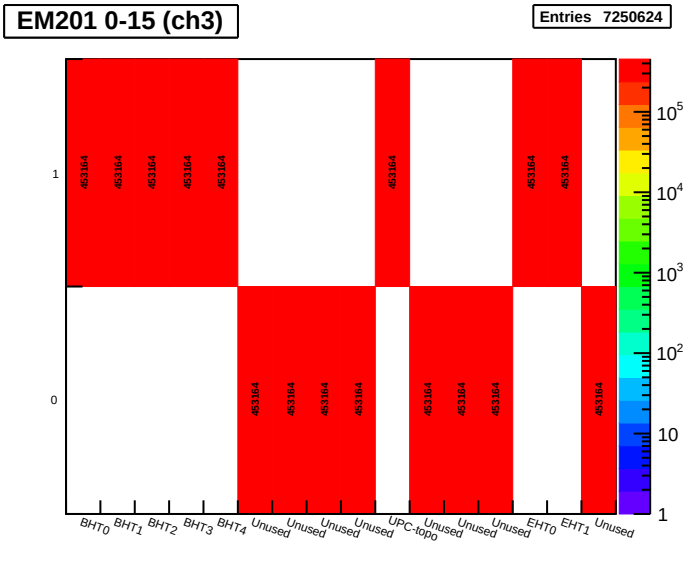

ST201 0-15 (ch6)
Entries 7250624
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
453164
453163
453155
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

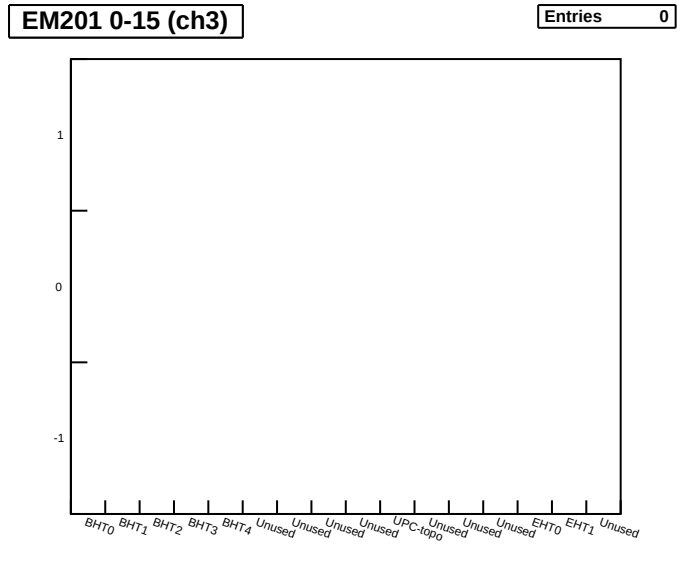

TF201 0-15 (ch0)
Entries 7250624
1
0
453164
448242
408022
393821
303371
379504
379700
376322
453164
453164
453164
453164
453164
4922
45142
59243
149793
453164
73660
73464
76842
453164
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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


VT201 0-15 (ch1)
Entries 7250624
1
0
154778
302984
393358
353823
447837
446866
645
9438
9528
190
414593
441797
215218
258095
356356
298386
150180
59806
99341
5327
6298
452519
443726
443636
452974
453164
38571
11367
237946
195069
96808
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 7250624
1
0
453164
453164
453164
453164
453164
453164
453164
453164
453164
453164
453164
453164
453164
453164
453164
453164
453164
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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