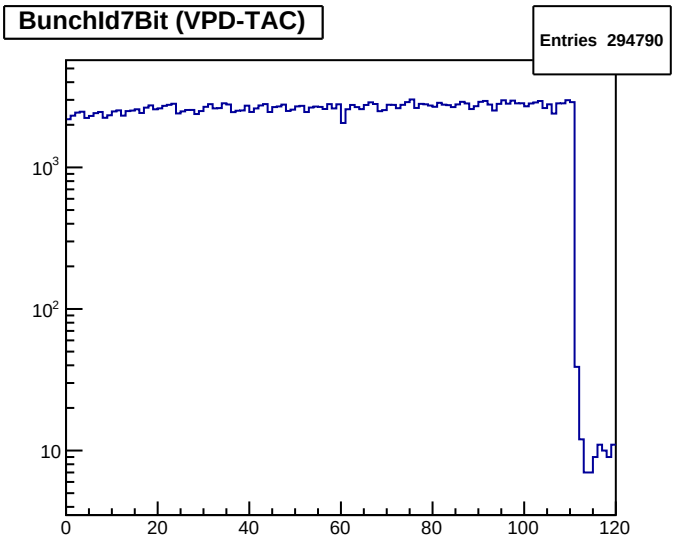
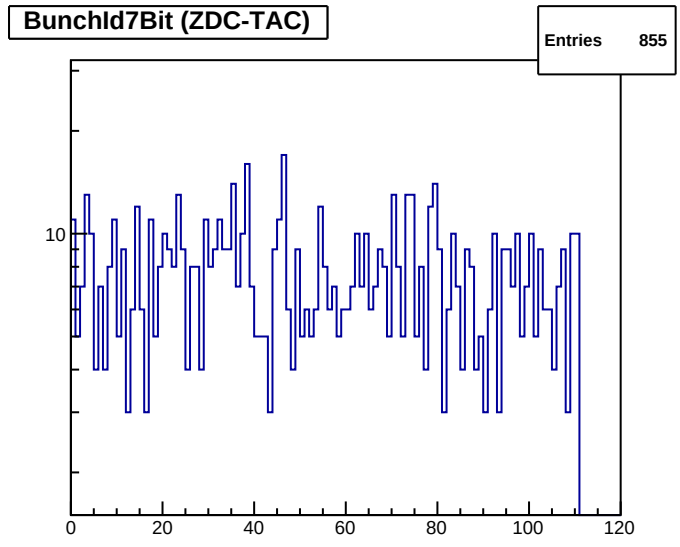
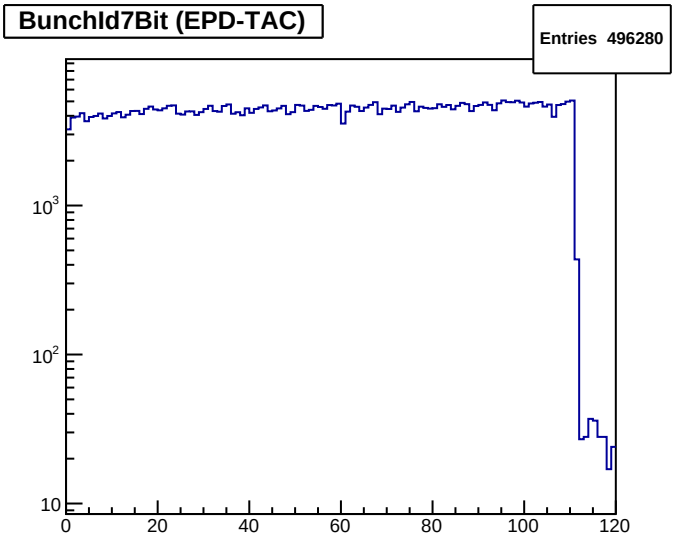
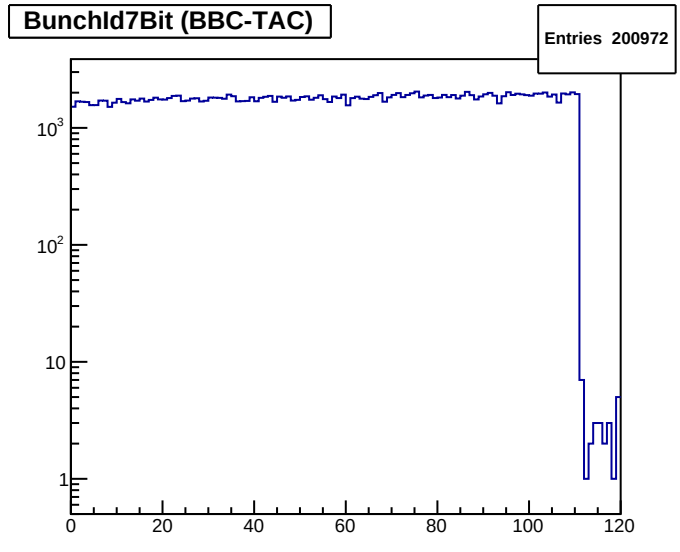
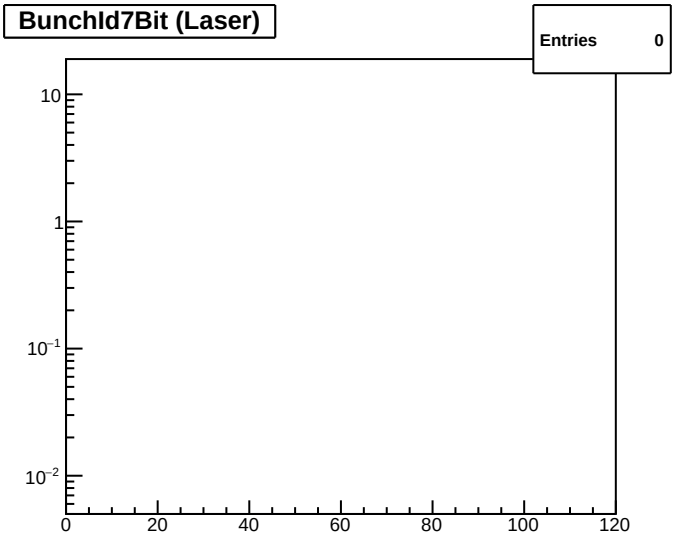
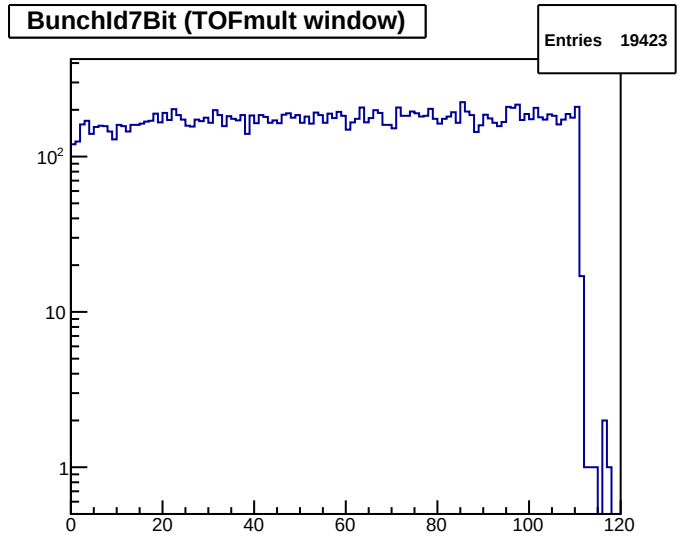

BunchId7Bit (VPD-TAC)
Entries 294790

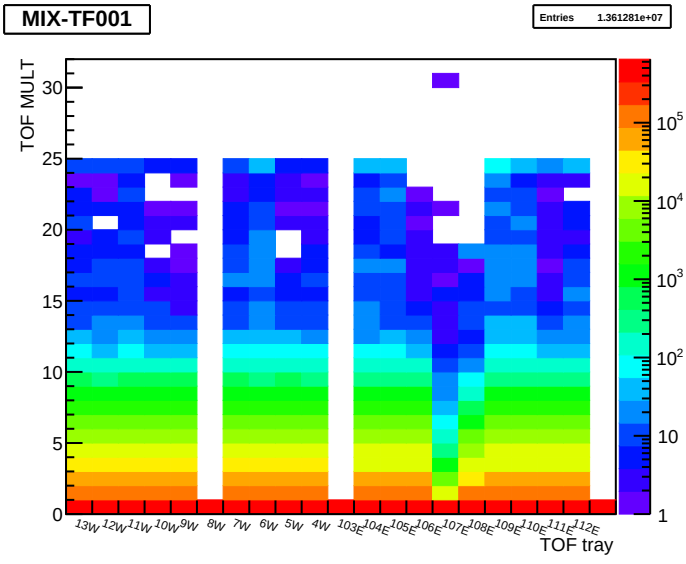

BunchId7Bit (ZDC-TAC)
Entries 855

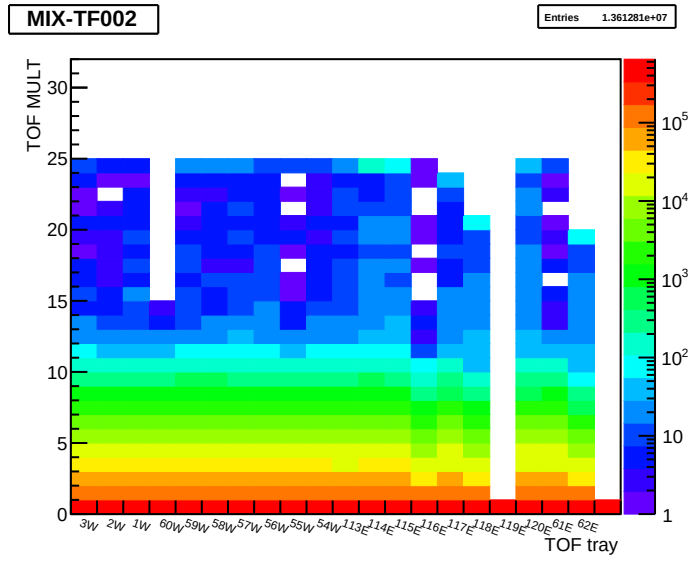

BunchId7Bit (EPD-TAC)
Entries 496280

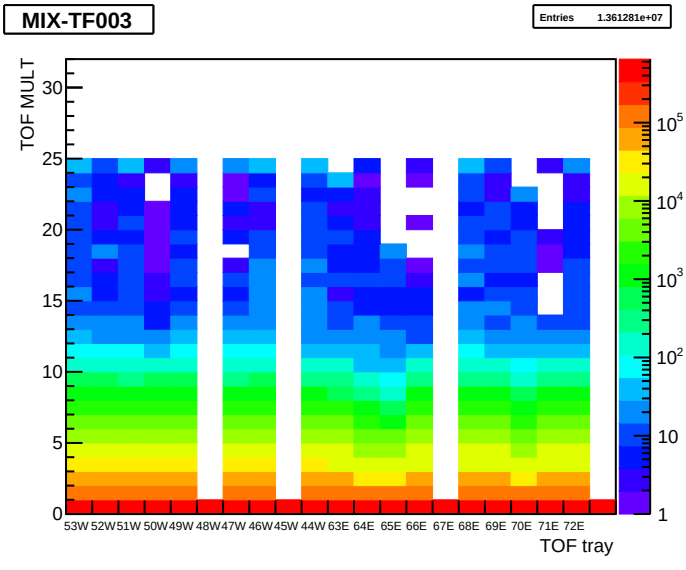

BunchId7Bit (BBC-TAC)
Entries 200972

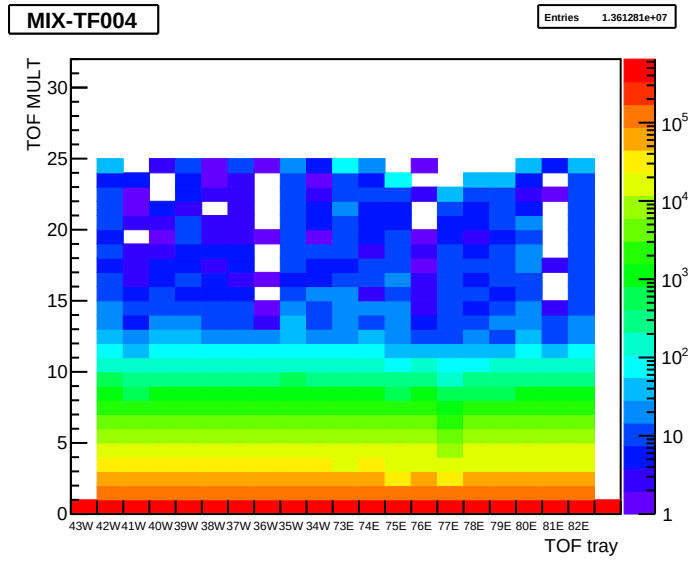

BunchId7Bit (Laser)
Entries 0

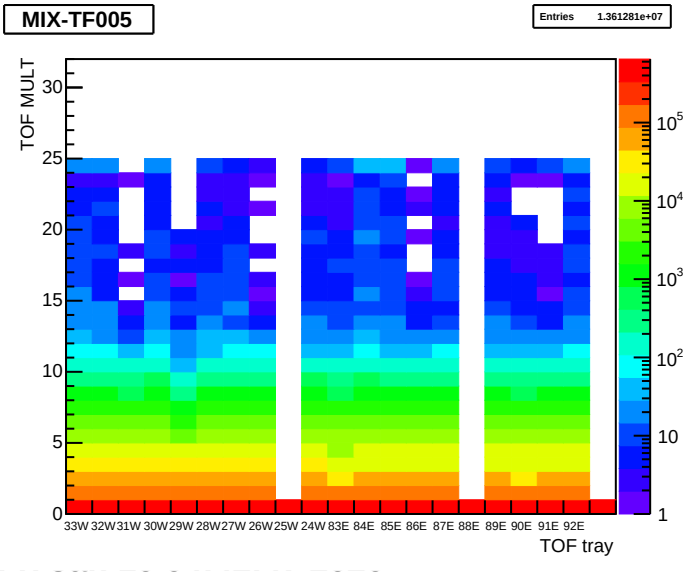

BunchId7Bit (TOFmult window)
Entries 19423

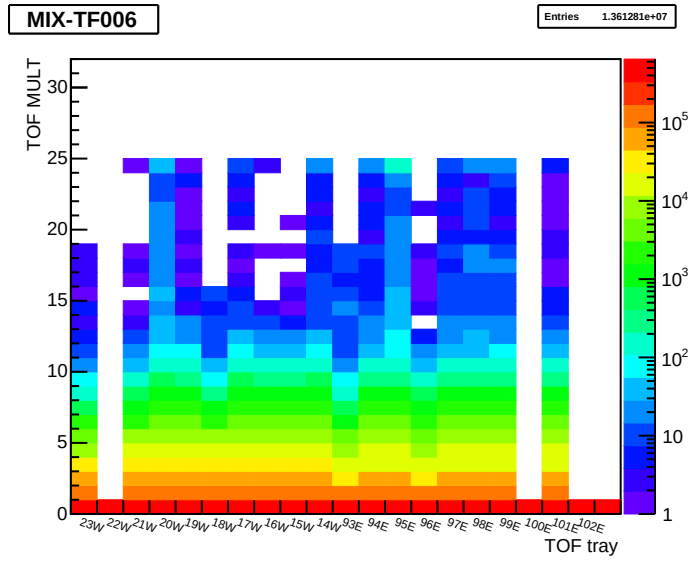

MIX-TF001
Entries 1.361281e+07
TOF MULT
TOF tray

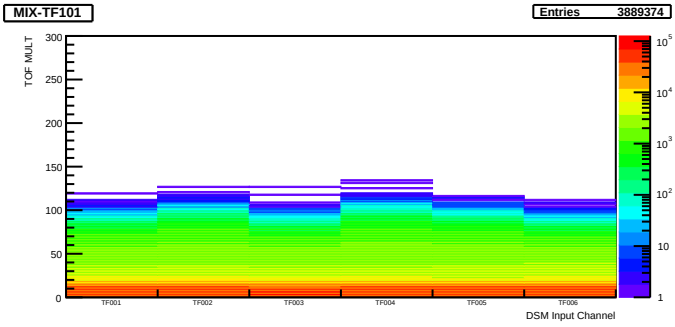

MIX-TF002
Entries 1.361281e+07
TOF MULT
TOF tray

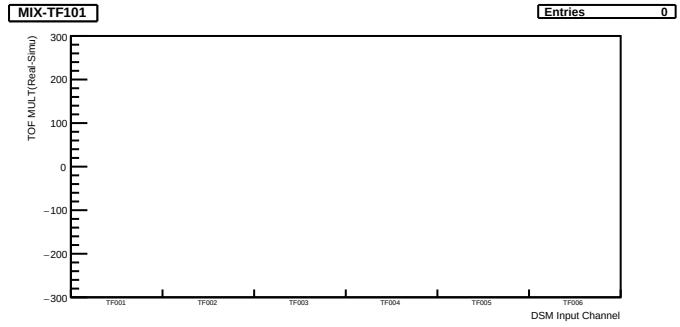

MIX-TF003
Entries 1.361281e+07
TOF MULT
TOF tray

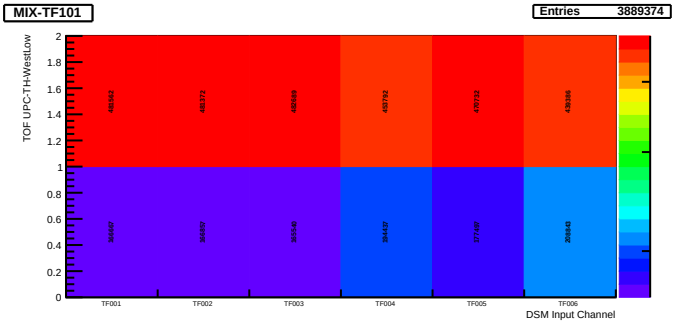

MIX-TF004
Entries 1.361281e+07
TOF MULT
TOF tray

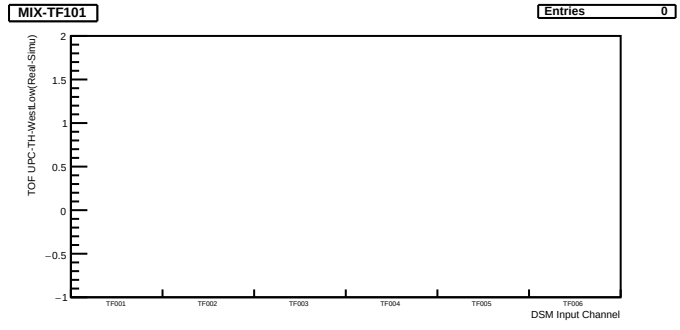

MIX-TF005
Entries 1.361281e+07
TOF MULT
TOF tray

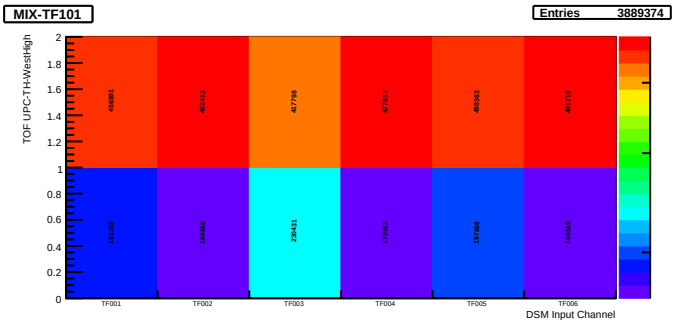

MIX-TF006
Entries 1.361281e+07
TOF MULT
TOF tray

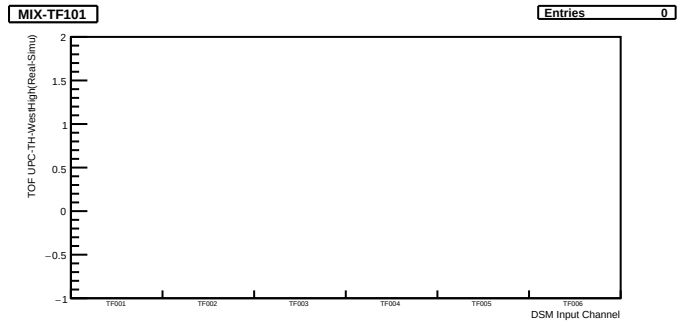

MIX-TF101
Entries 3889374
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

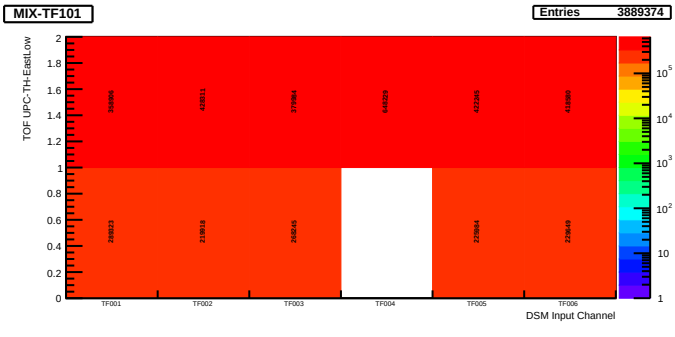

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

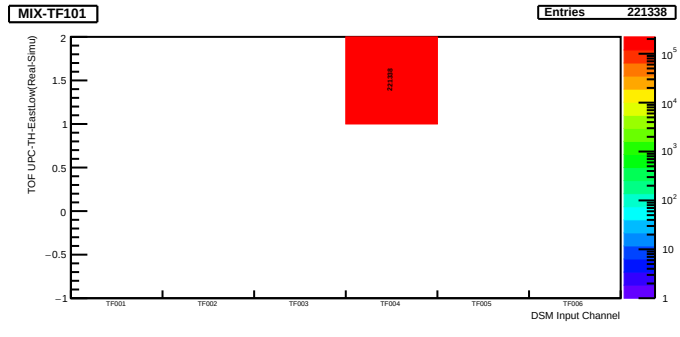

MIX-TF101
Entries 3889374
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

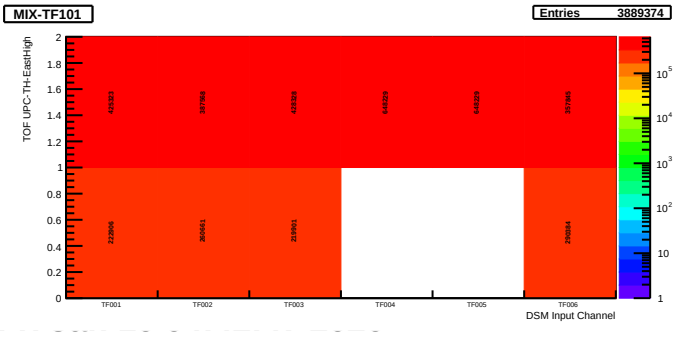

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

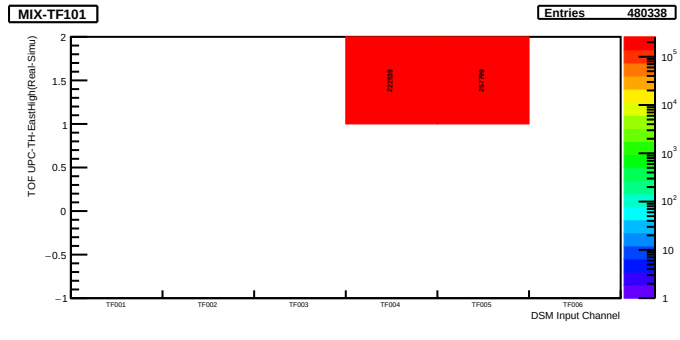

MIX-TF101
Entries 3889374
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

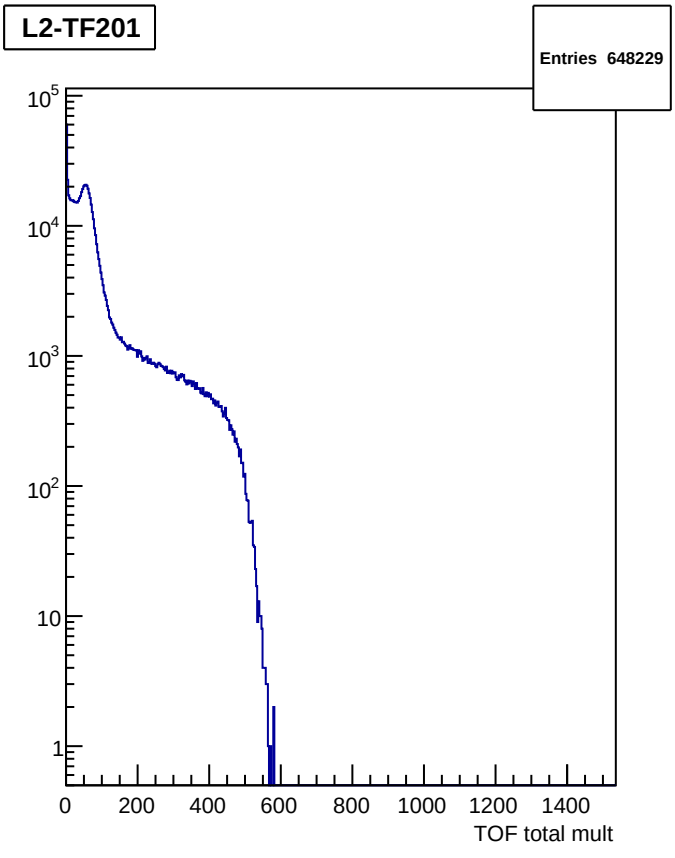

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

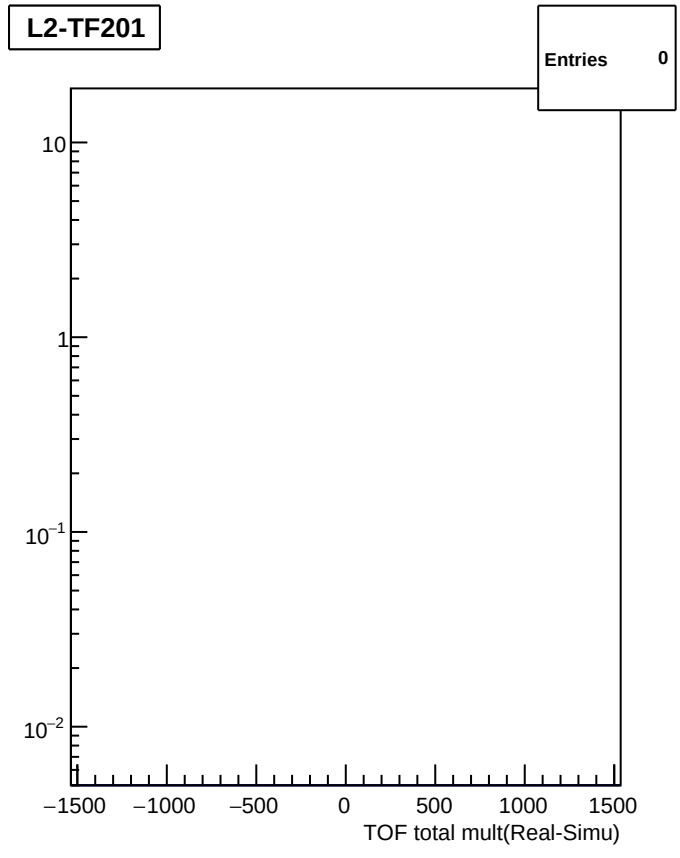

MIX-TF101
Entries 3889374
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

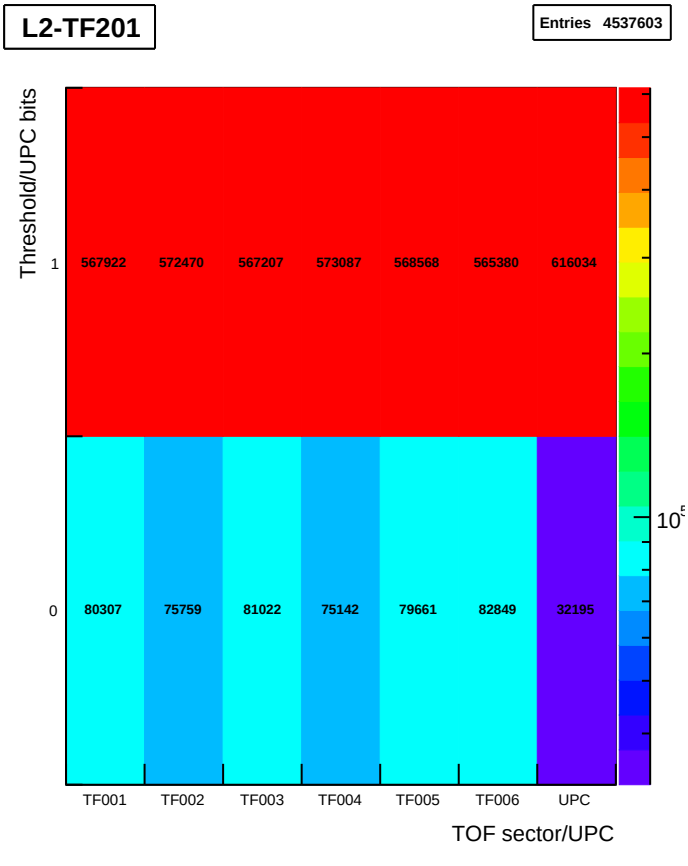

MIX-TF101
Entries 221338
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

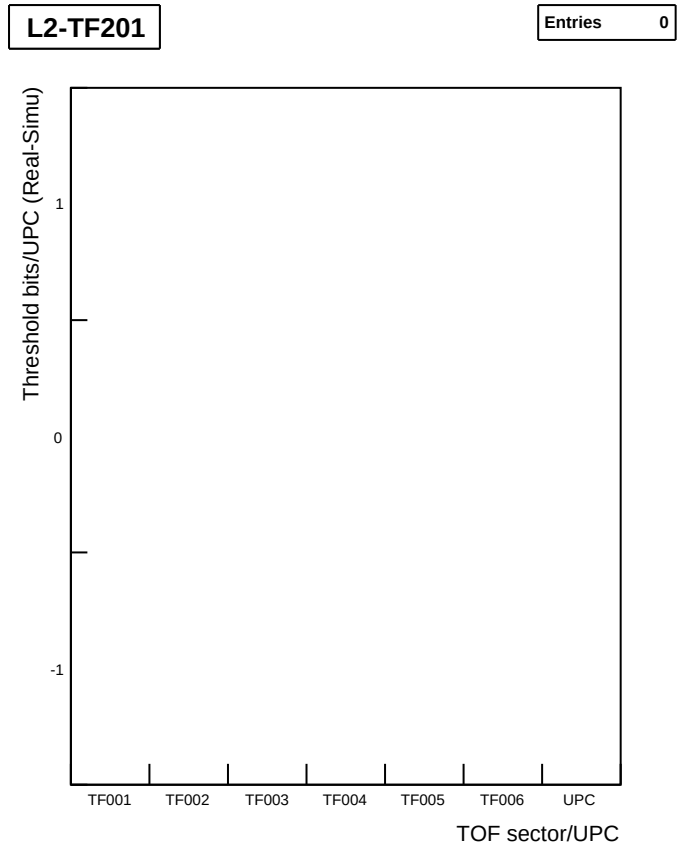

MIX-TF101
Entries 3889374
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

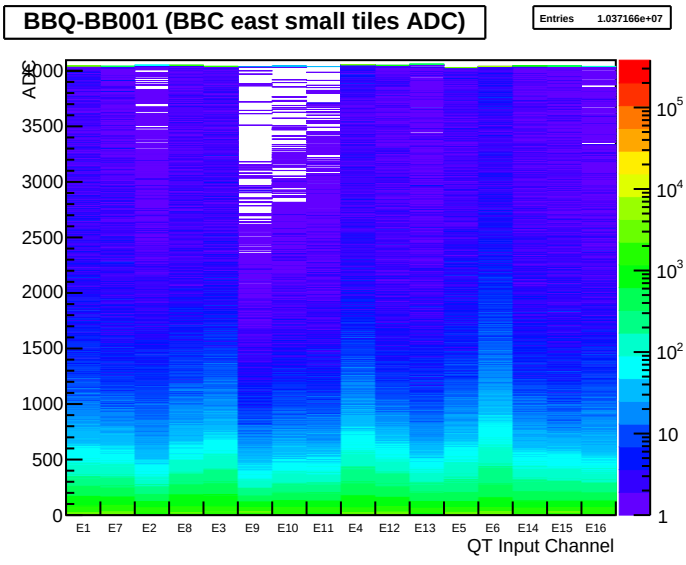

MIX-TF101
Entries 480338
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

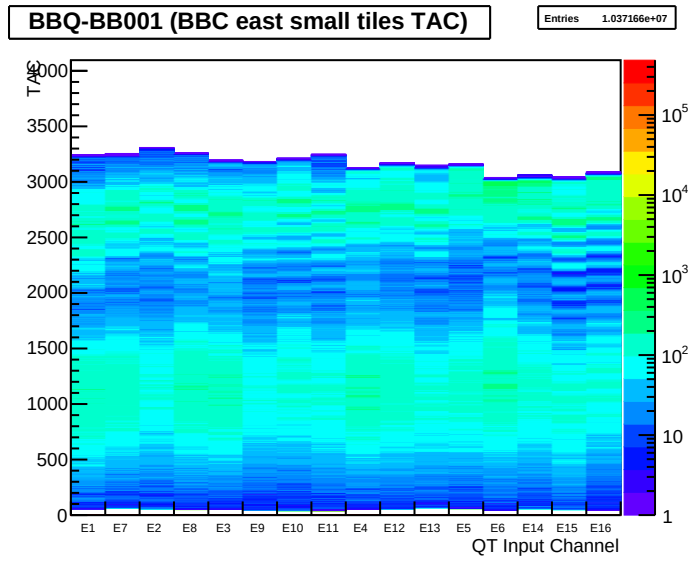

L2-TF201
Entries 648229
TOF total mult

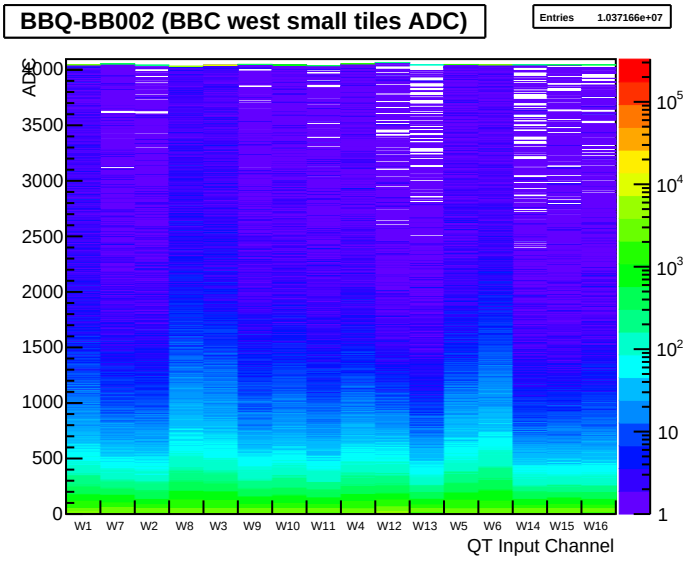

L2-TF201
Entries 0
TOF total mult(Real-Simu)

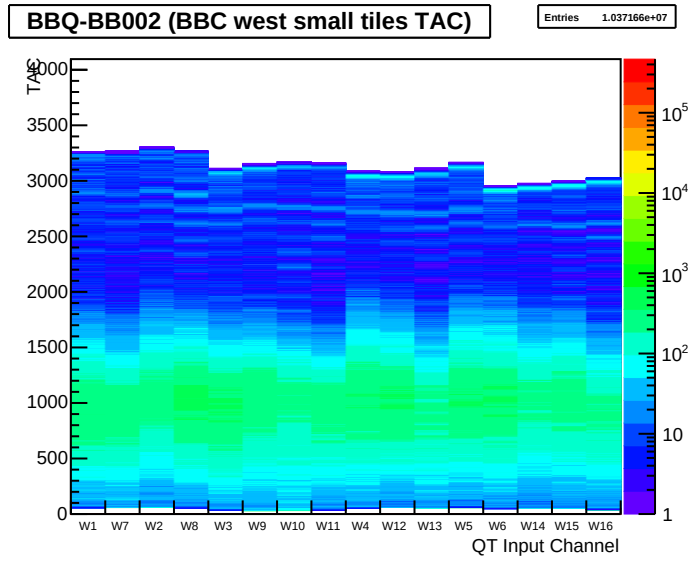

L2-TF201
Entries 4537603
Threshold/UPC bits
567922
572470
567207
573087
568568
565380
616034
80307
75759
81022
75142
79661
82849
32195
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

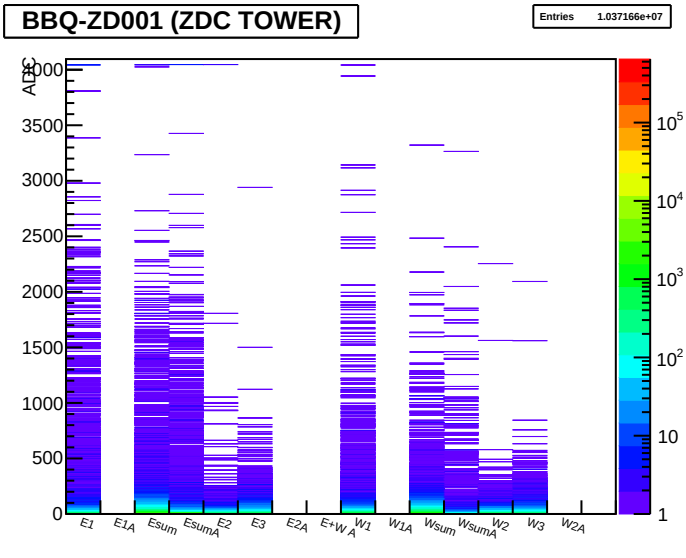

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

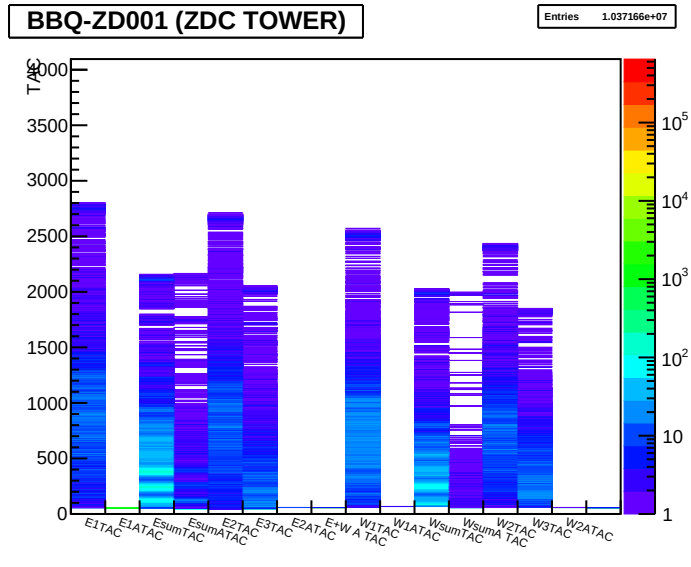

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.037166e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

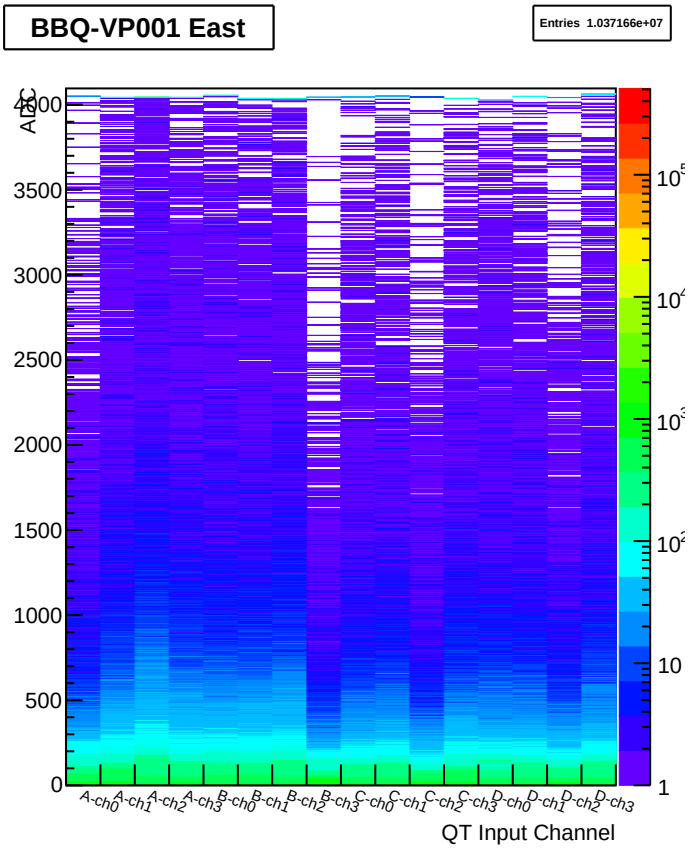

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.037166e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

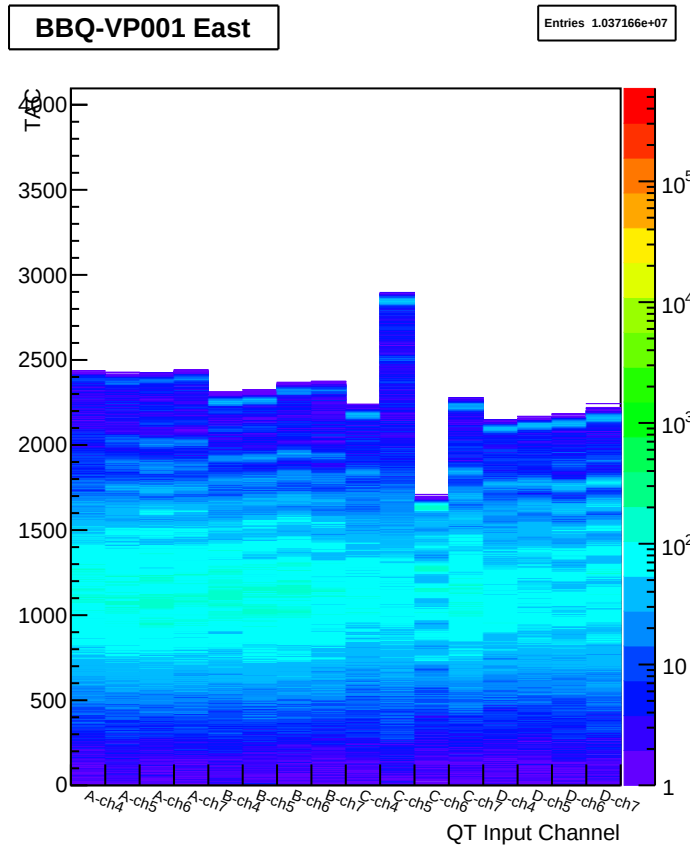

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.037166e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

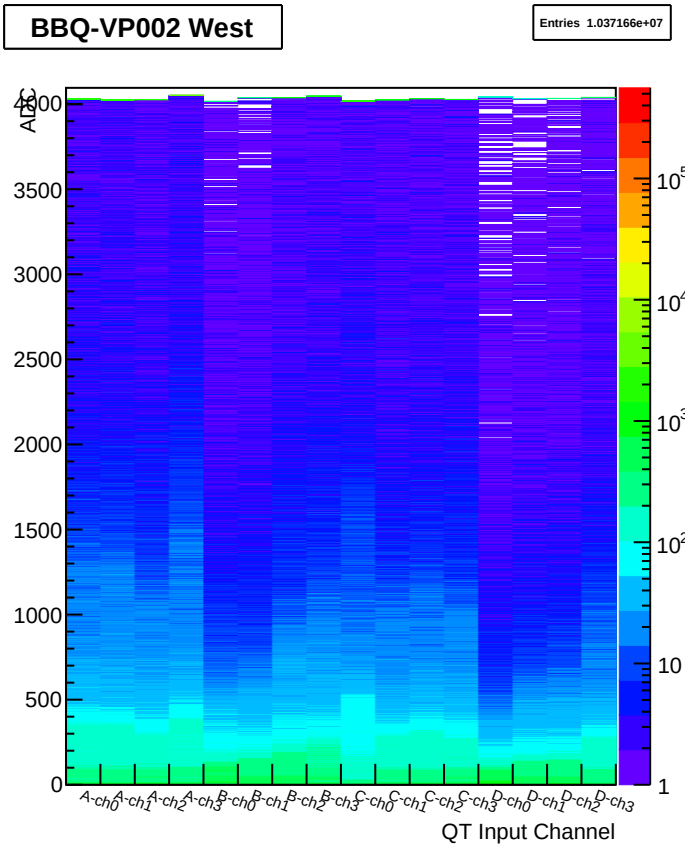

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.037166e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

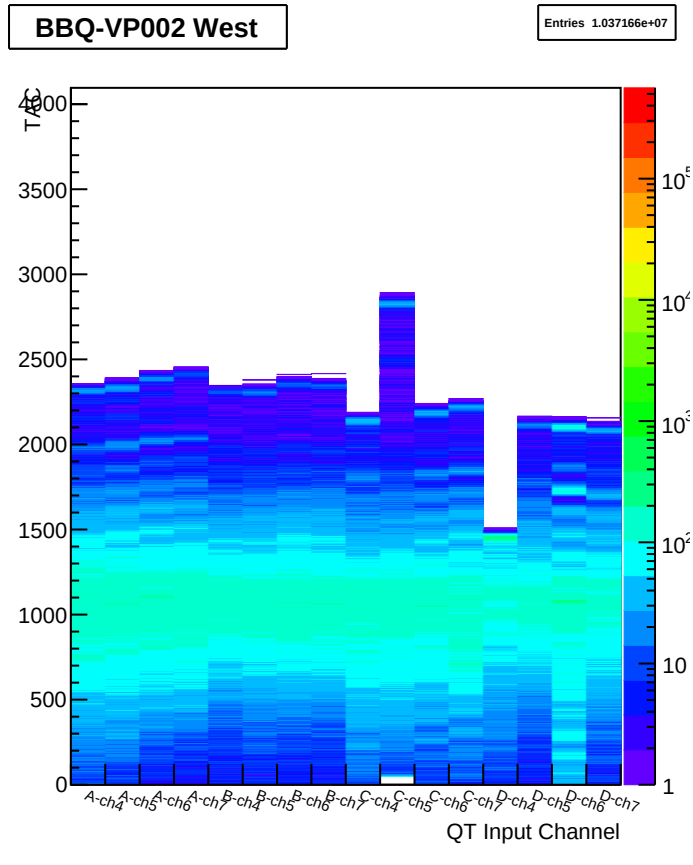

BBQ-ZD001 (ZDC TOWER)
Entries 1.037166e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

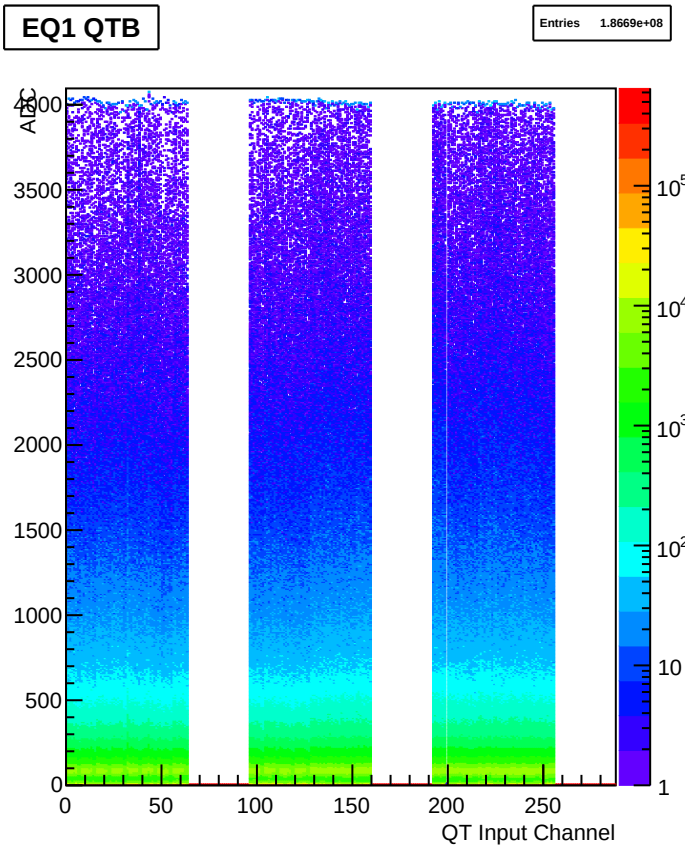

BBQ-ZD001 (ZDC TOWER)
Entries 1.037166e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

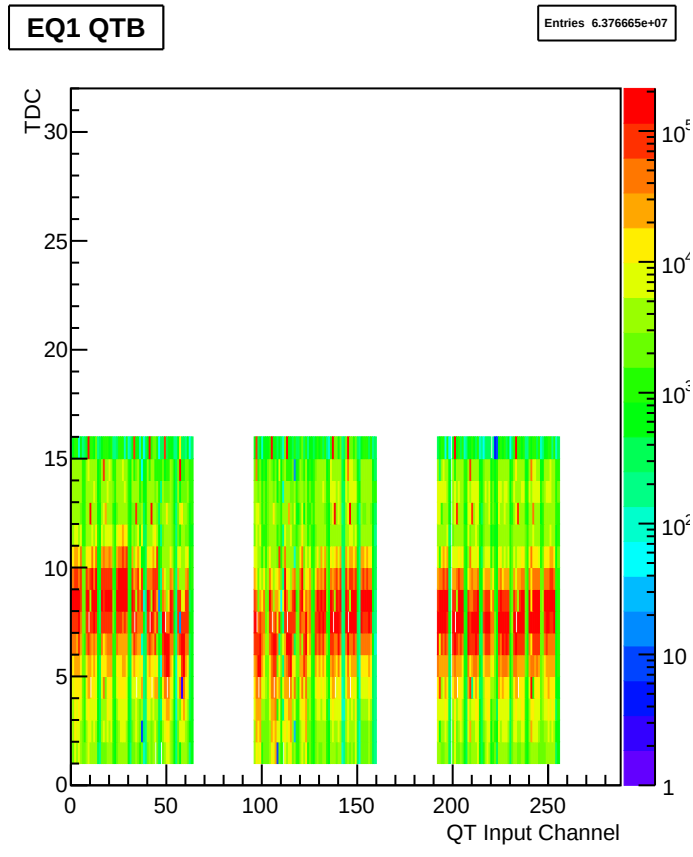

BBQ-VP001 East
Entries 1.037166e+07
ADC
QT Input Channel

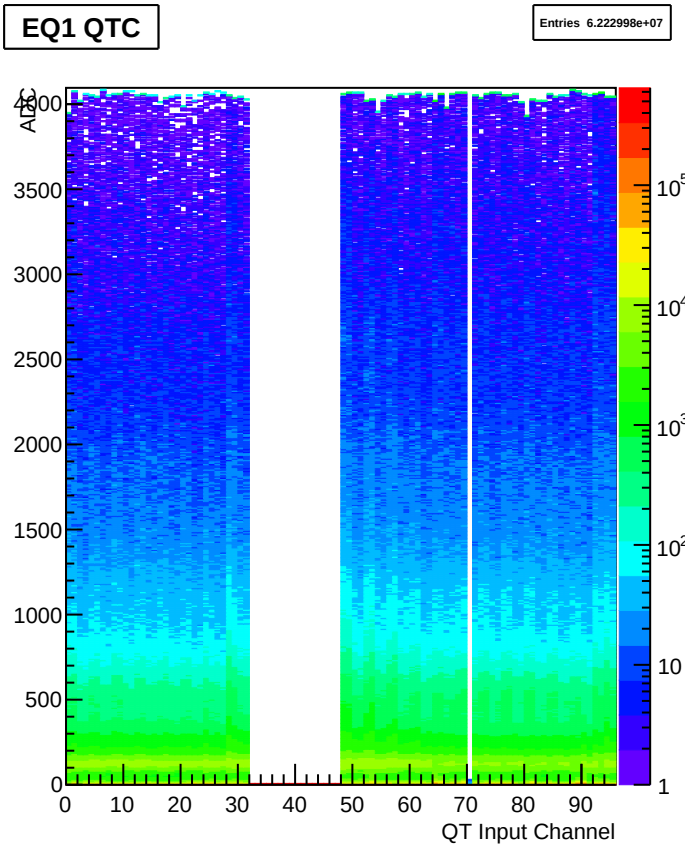

BBQ-VP001 East
Entries 1.037166e+07
TADC
QT Input Channel

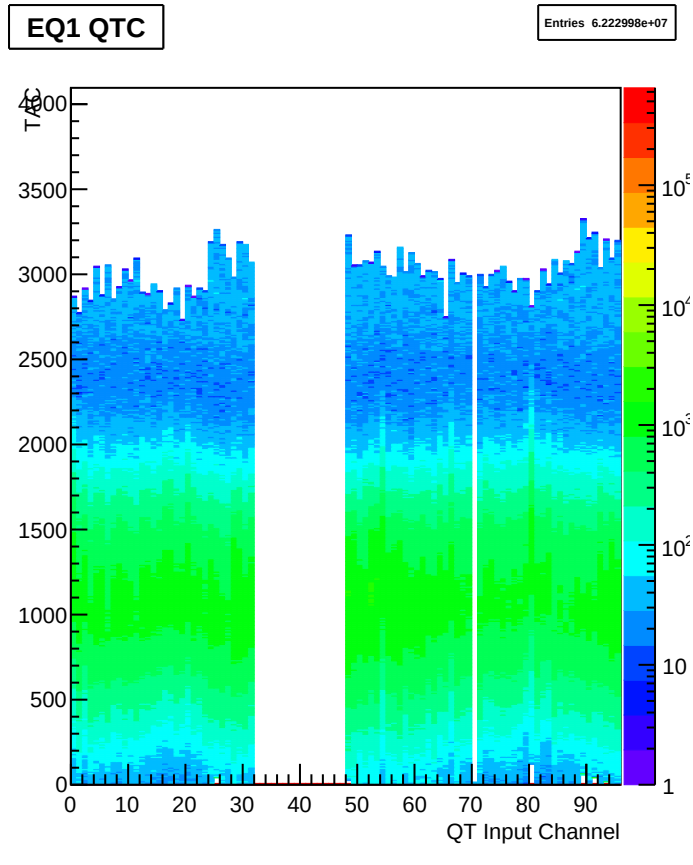

BBQ-VP002 West
Entries 1.037166e+07
ADC
QT Input Channel

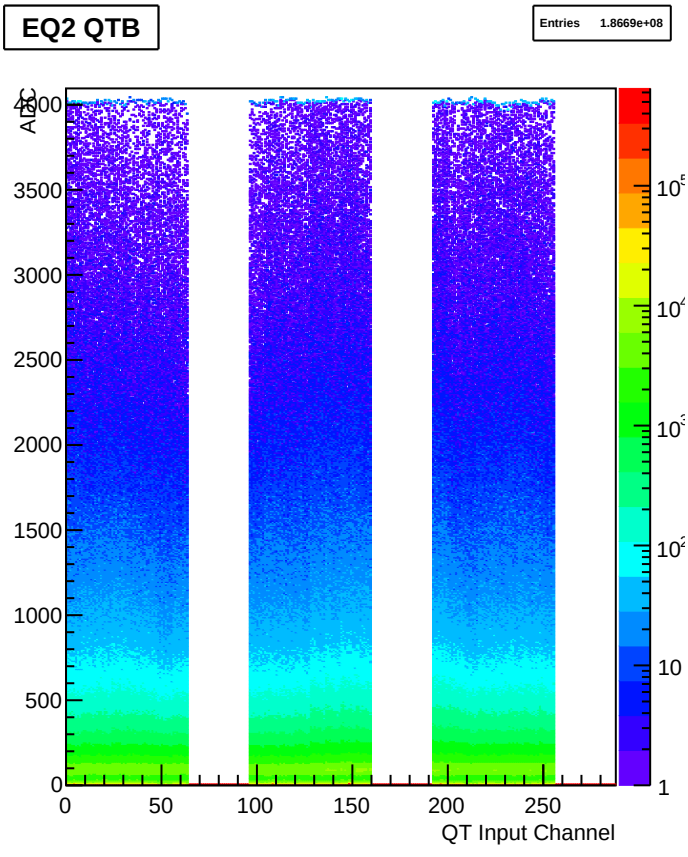

BBQ-VP002 West
Entries 1.037166e+07
TADC
QT Input Channel

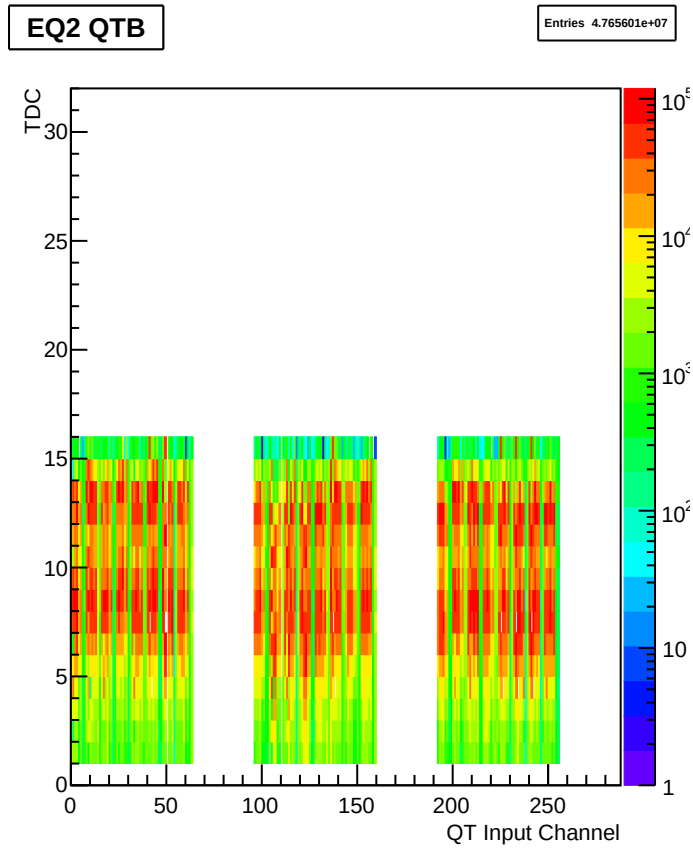

EQ1 QTB
Entries 1.8669e+08
ADC
QT Input Channel

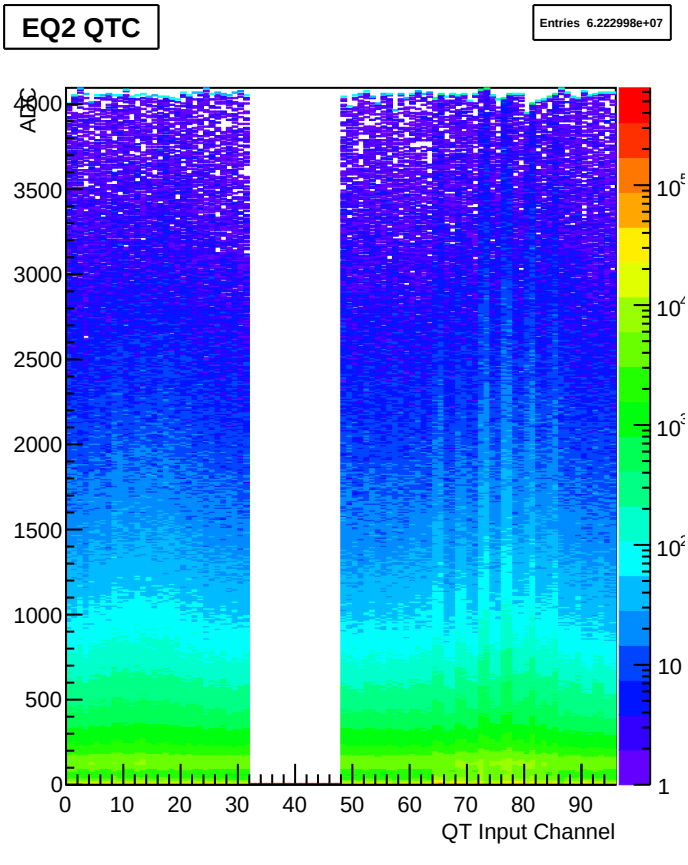

EQ1 QTB
Entries 6.376665e+07
TDC
QT Input Channel

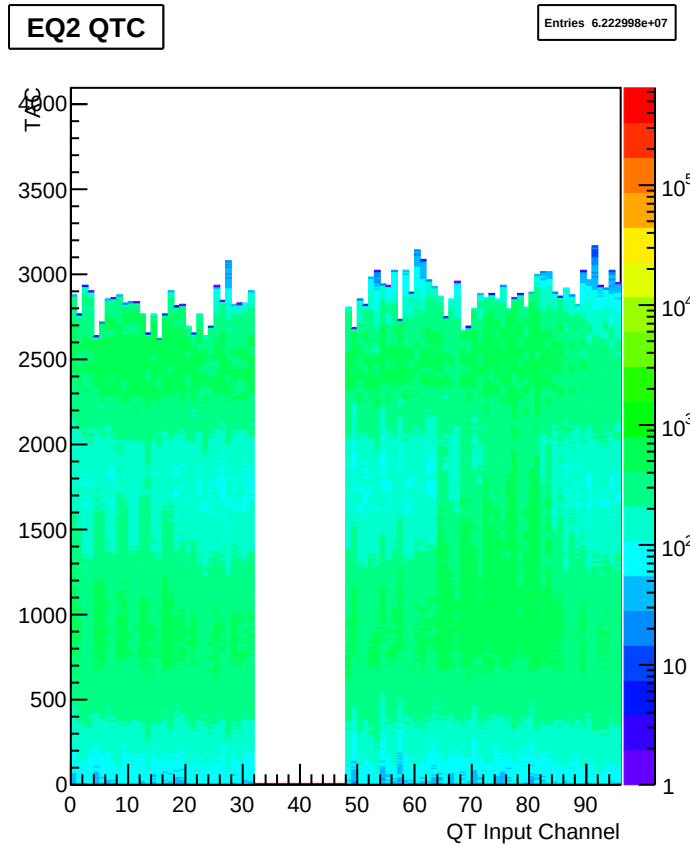

EQ1 QTC
Entries 6.222998e+07
ADC
QT Input Channel

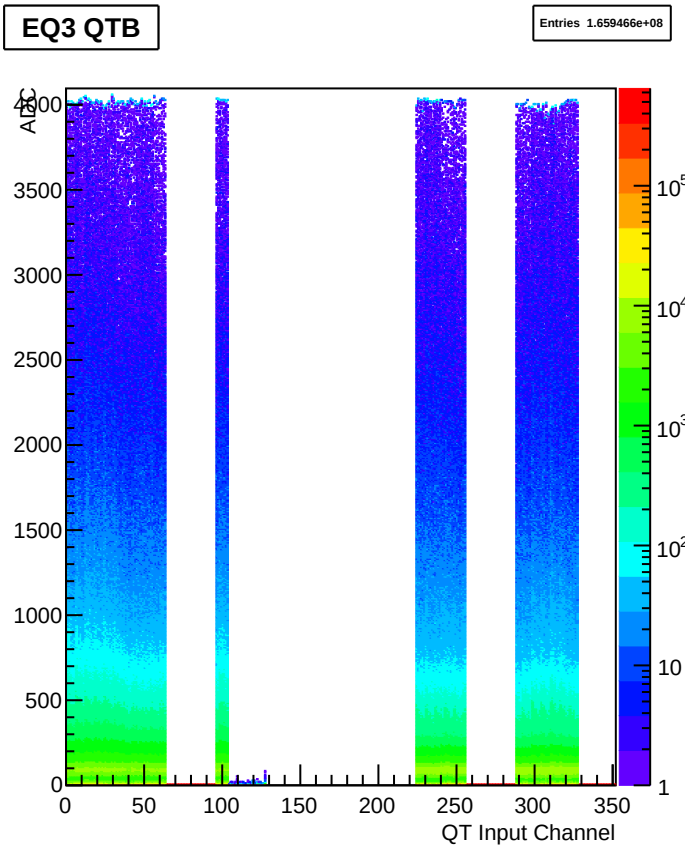

EQ1 QTC
Entries 6.222998e+07
TADC
QT Input Channel

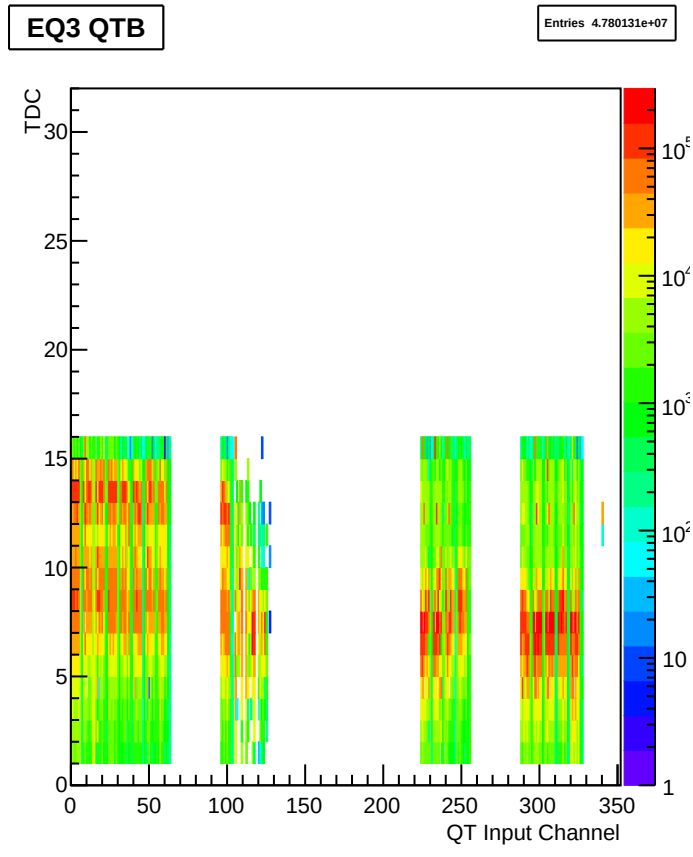

EQ2 QTB
Entries 1.8669e+08
ADC
QT Input Channel

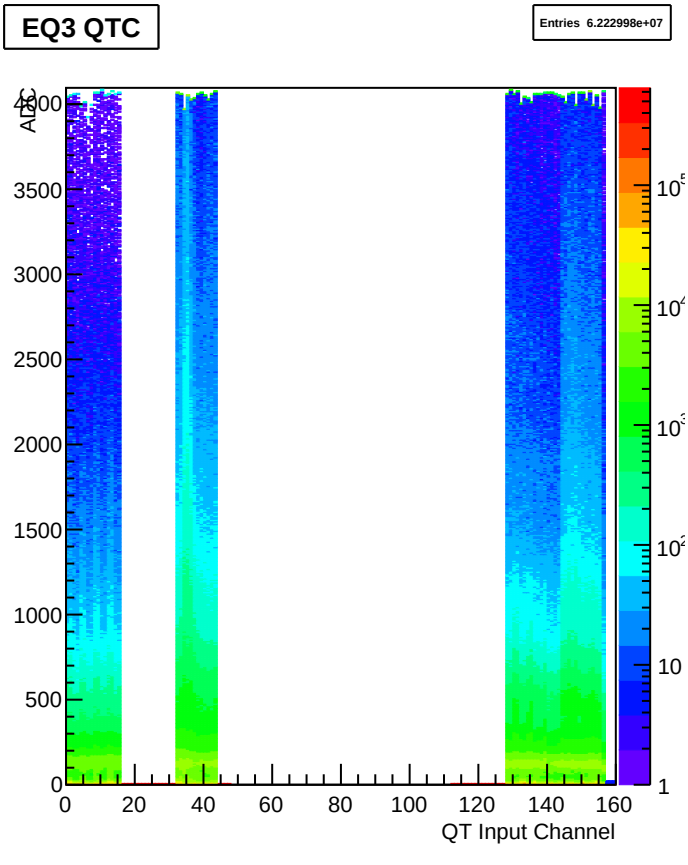

EQ2 QTB
Entries 4.765601e+07
TDC
QT Input Channel

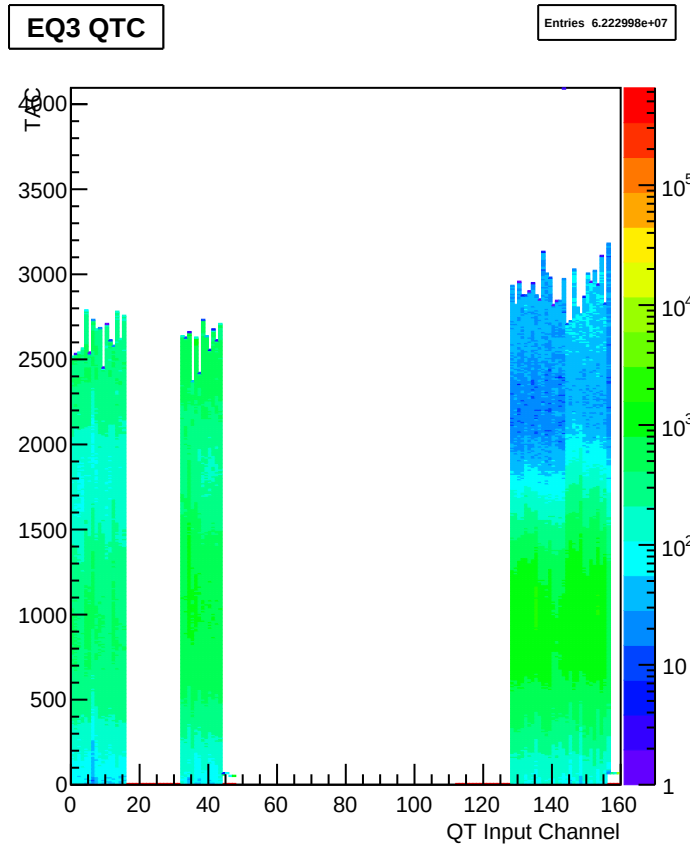

EQ2 QTC
Entries 6.222998e+07
ADC
QT Input Channel

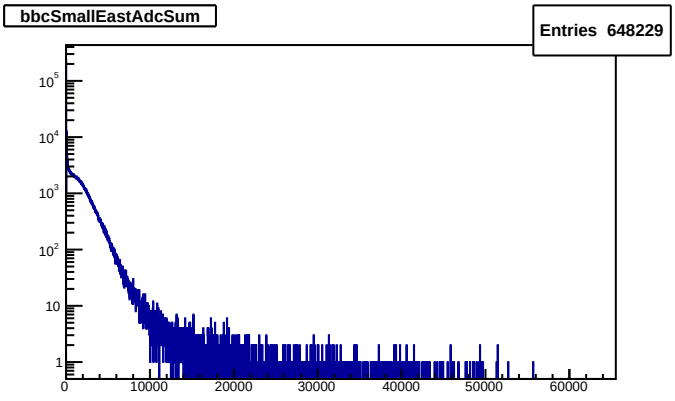

EQ2 QTC
Entries 6.222998e+07
TADC
QT Input Channel

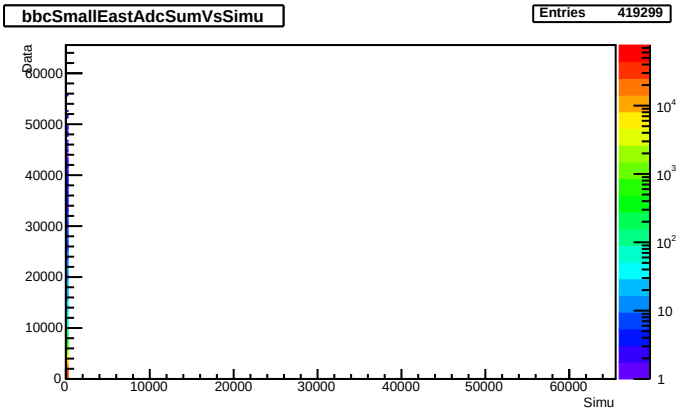

EQ3 QTB
Entries 1.659466e+08
ADC
QT Input Channel

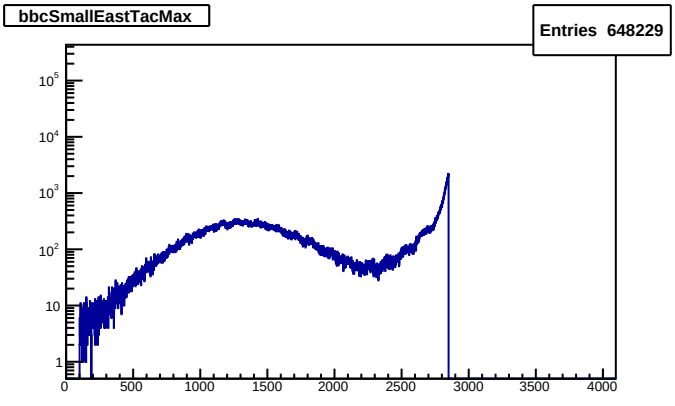

EQ3 QTB
Entries 4.780131e+07
TDC
QT Input Channel

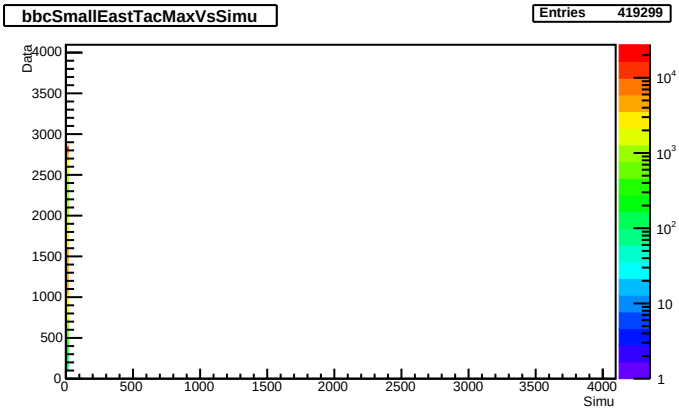

EQ3 QTC
Entries 6.222998e+07
ADC
QT Input Channel

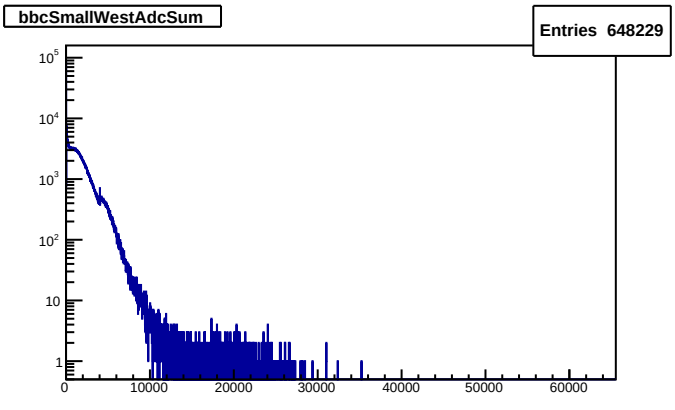

EQ3 QTC
Entries 6.222998e+07
TADC
QT Input Channel

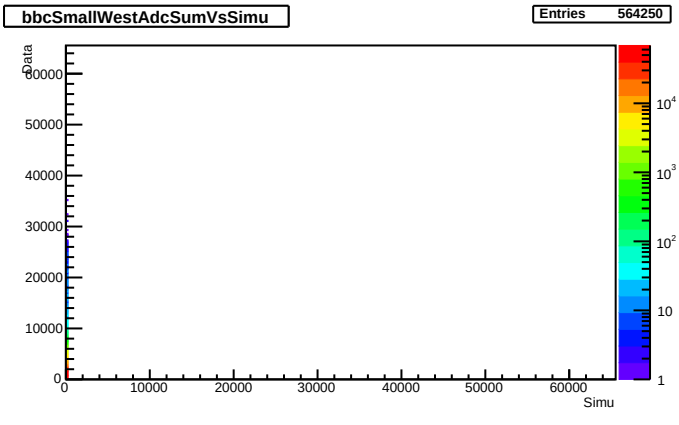

bbcSmallEastAdcSum
Entries 648229

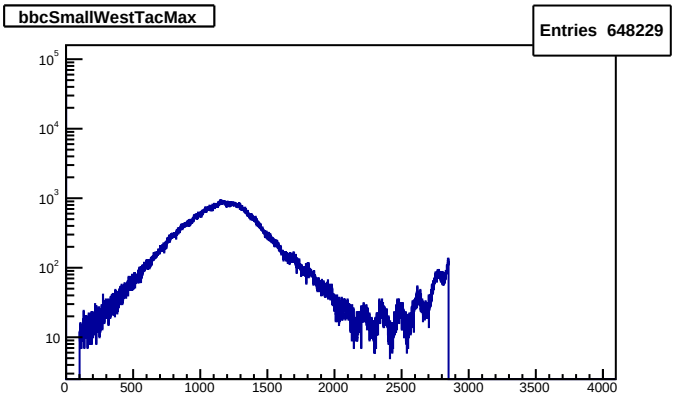

bbcSmallEastAdcSumVsSimu
Entries 419299
Data
Simu

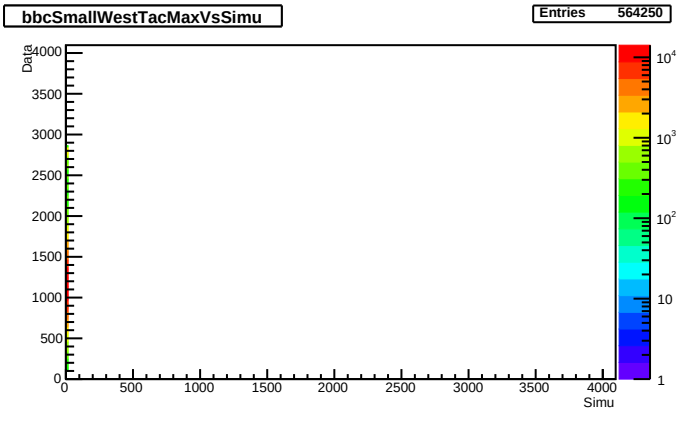

bbcSmallEastTacMax
Entries 648229

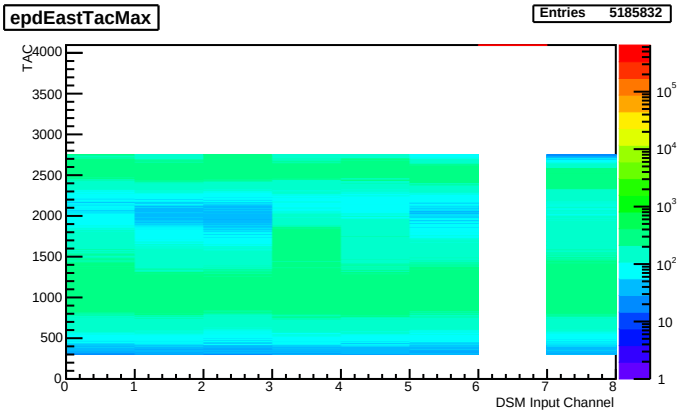

bbcSmallEastTacMaxVsSimu
Entries 419299
Data
Simu

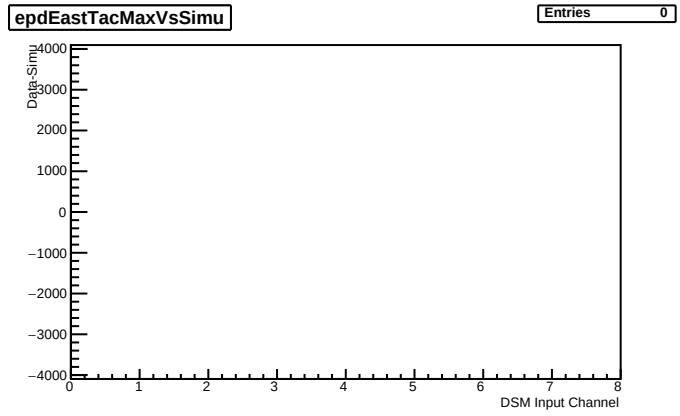

bbcSmallWestAdcSum
Entries 648229

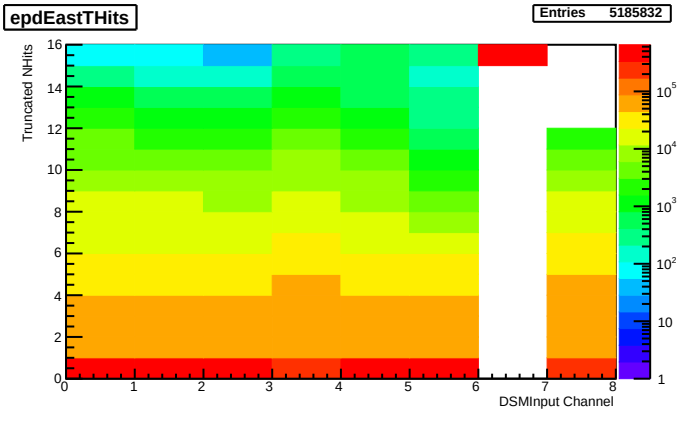

bbcSmallWestAdcSumVsSimu
Entries 564250
Data
Simu

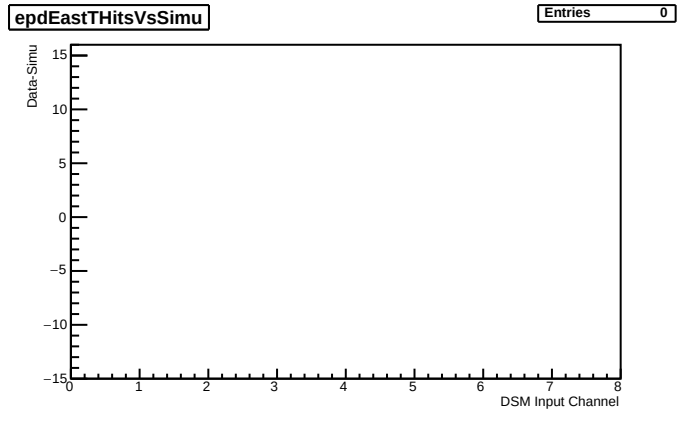

bbcSmallWestTacMax
Entries 648229

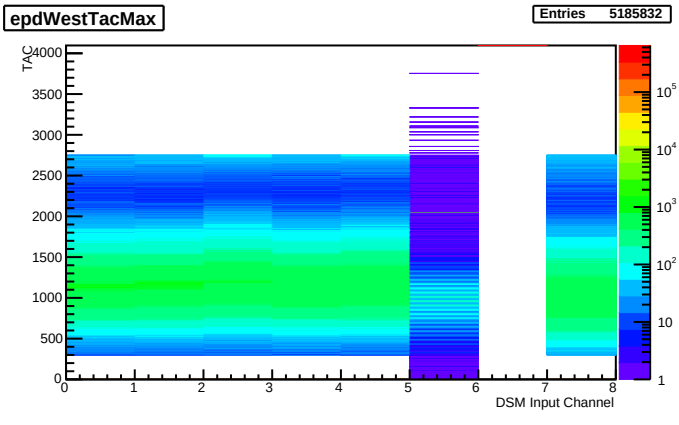

bbcSmallWestTacMaxVsSimu
Entries 564250
Data
Simu

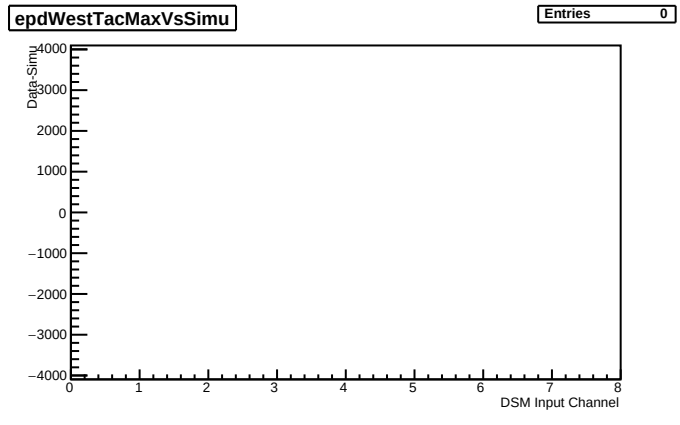

epdEastTacMax
Entries 5185832
TAC
DSM Input Channel

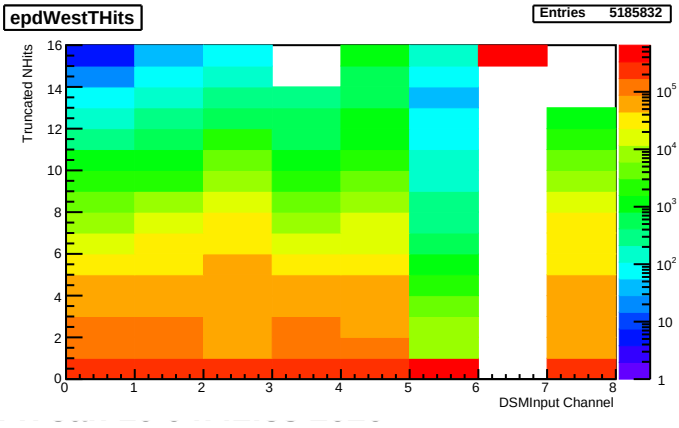

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

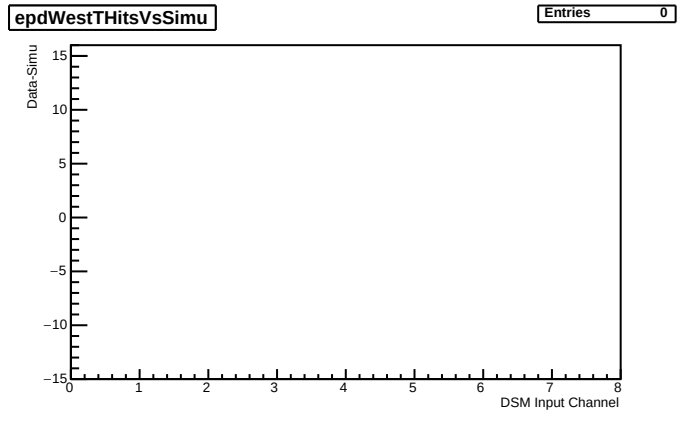

epdEastTHits
Entries 5185832
Truncated NHits
DSMInput Channel

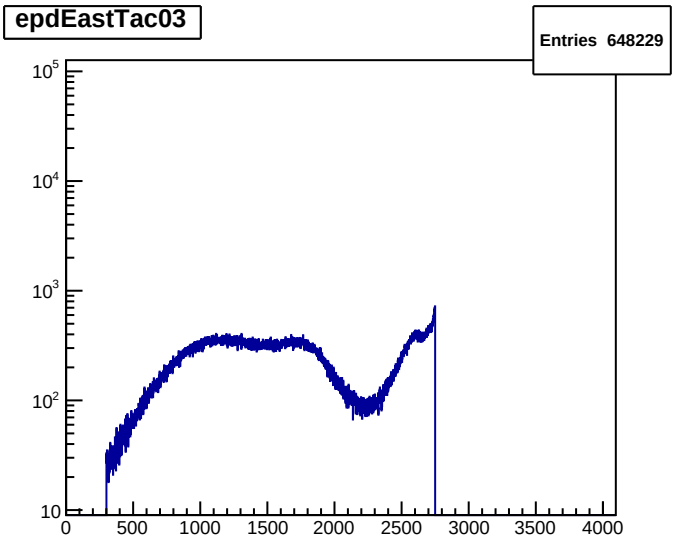

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

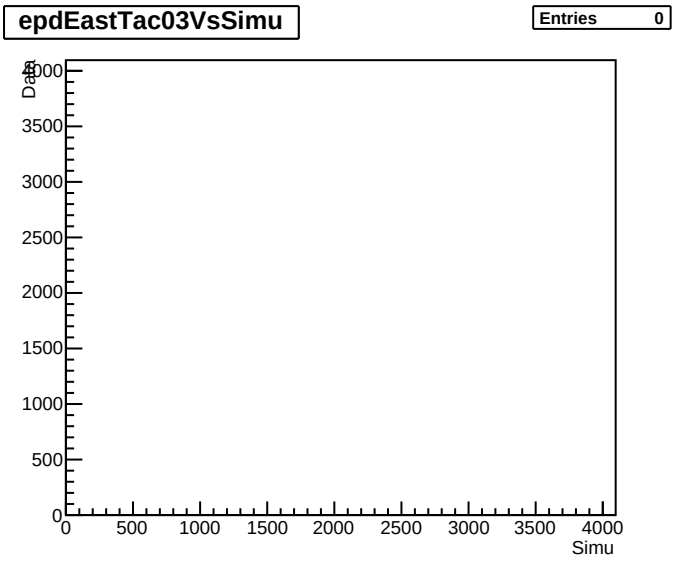

epdWestTacMax
Entries 5185832
TAC
DSM Input Channel

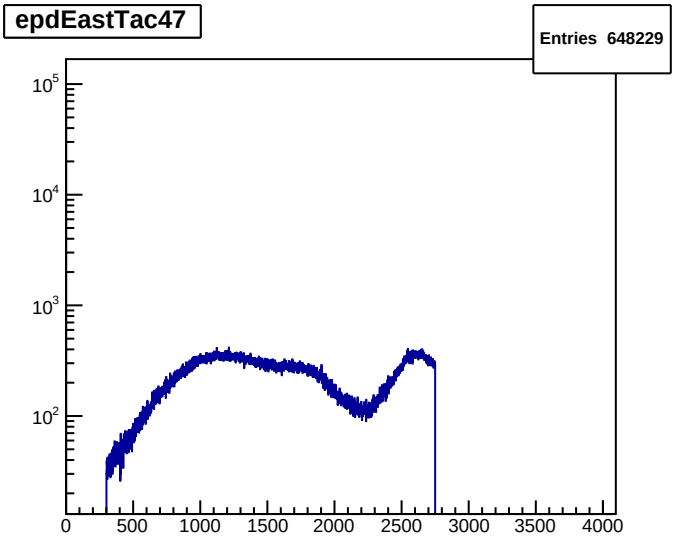

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

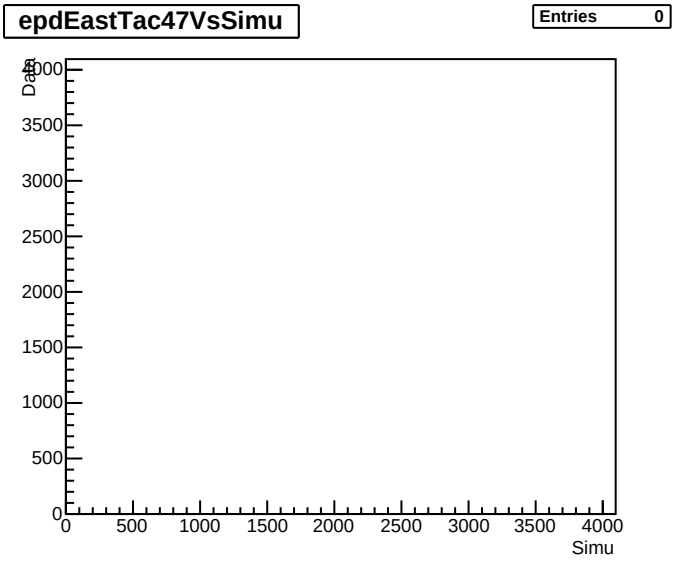

epdWestTHits
Entries 5185832
Truncated NHits
DSMInput Channel

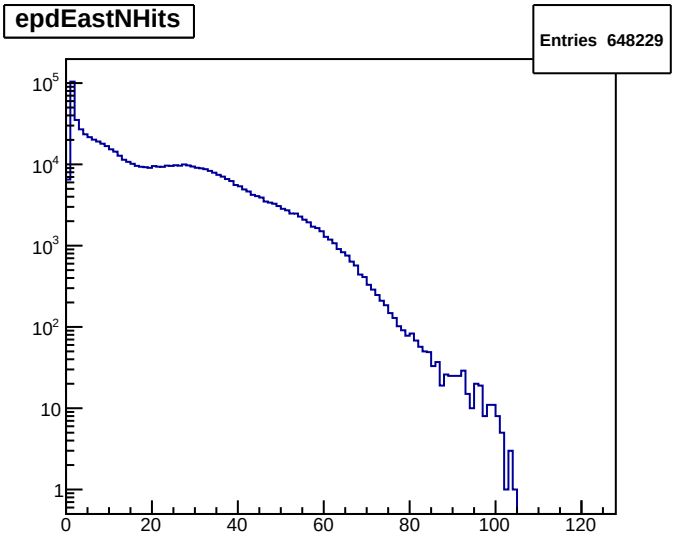

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

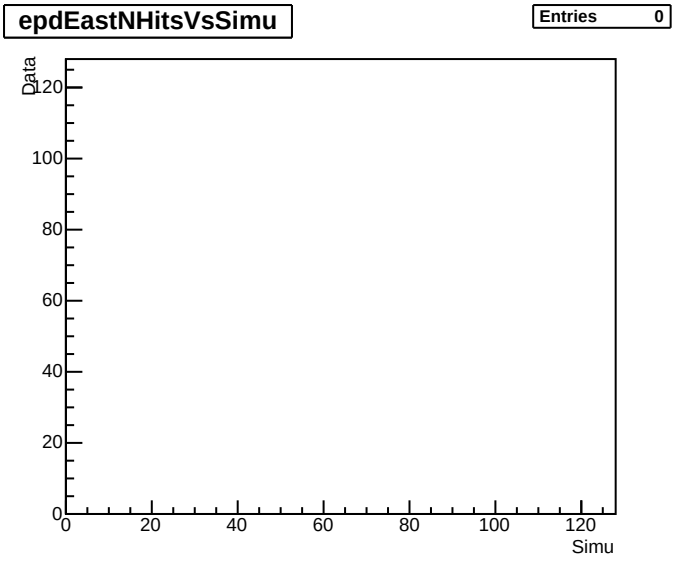

epdEastTac03
Entries 648229

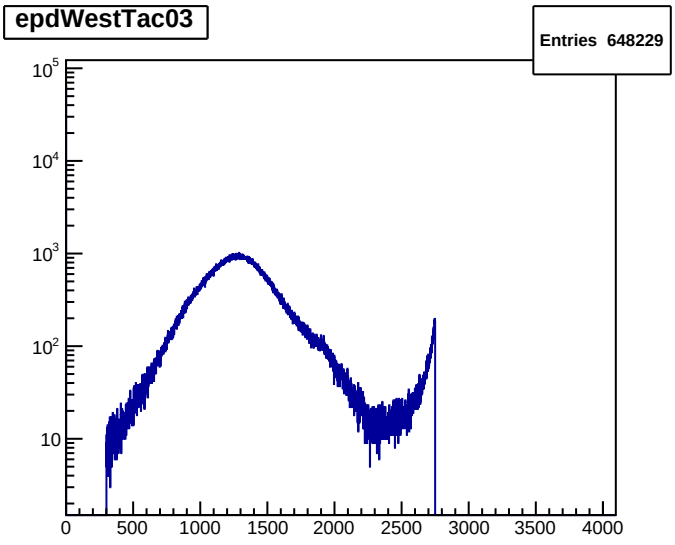

epdEastTac03VsSimu
Entries 0
Data
Simu

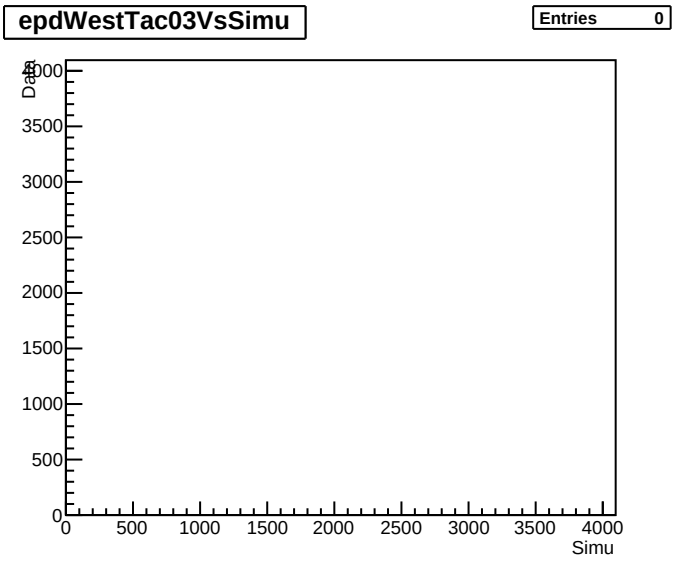

epdEastTac47
Entries 648229

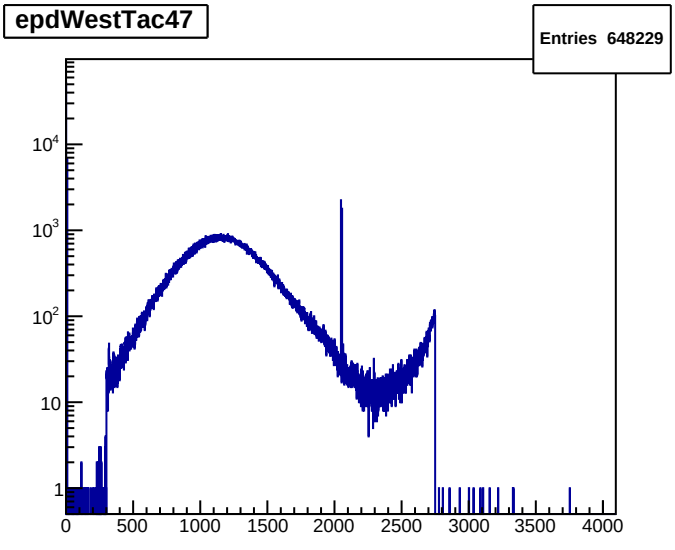

epdEastTac47VsSimu
Entries 0
Data
Simu

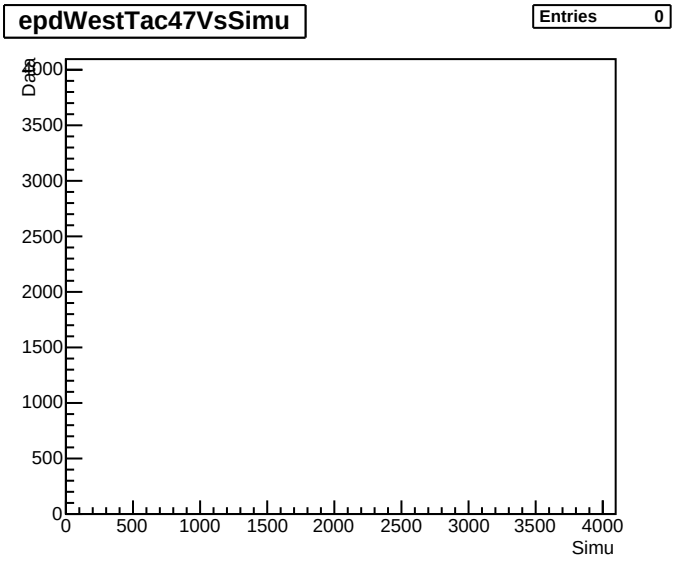

epdEastNHits
Entries 648229

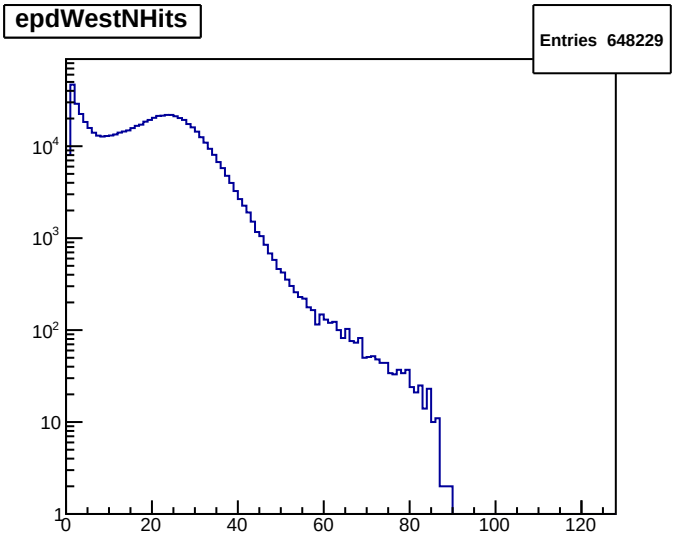

epdEastNHitsVsSimu
Entries 0
Data
Simu

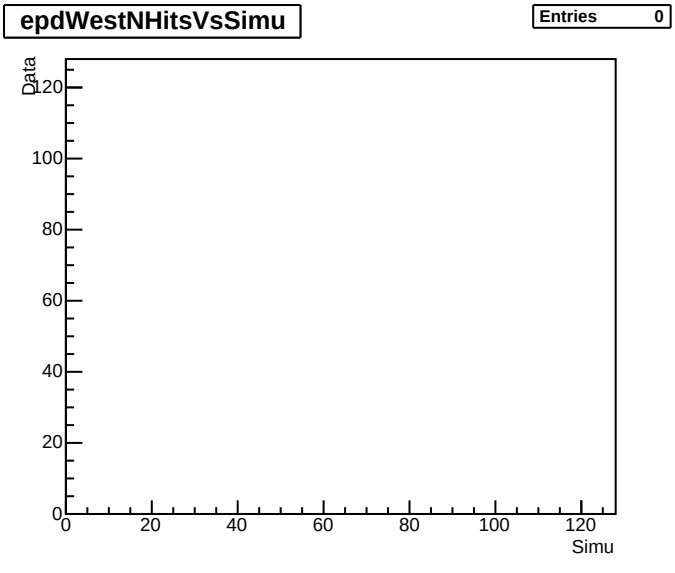

epdWestTac03
Entries 648229

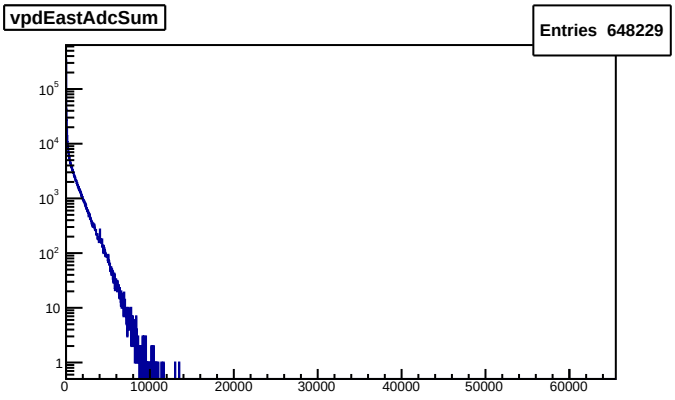

epdWestTac03VsSimu
Entries 0
Data
Simu

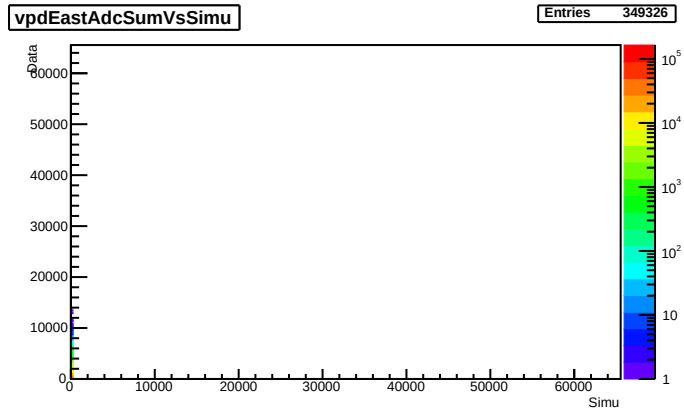

epdWestTac47
Entries 648229

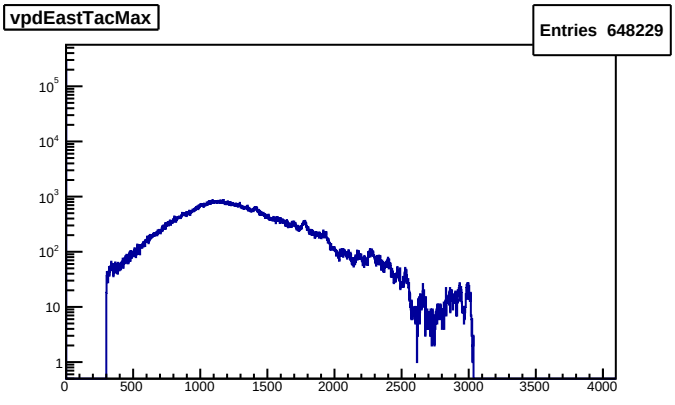

epdWestTac47VsSimu
Entries 0
Data
Simu

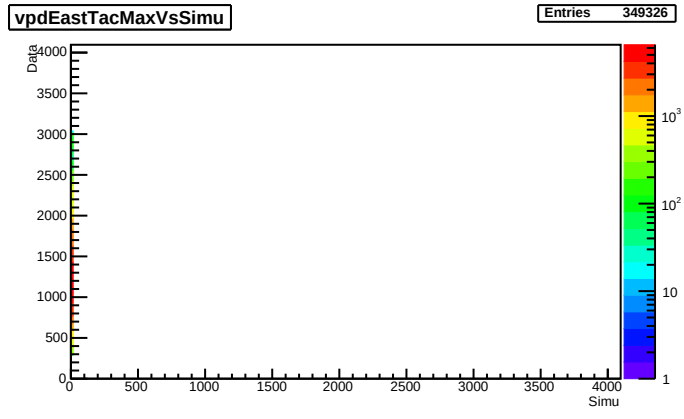

epdWestNHits
Entries 648229

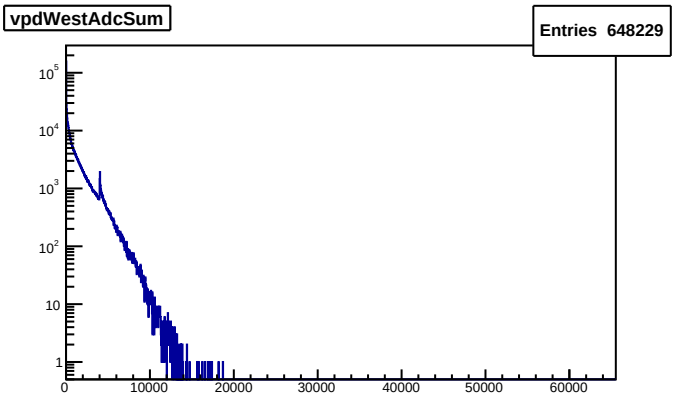

epdWestNHitsVsSimu
Entries 0
Data
Simu

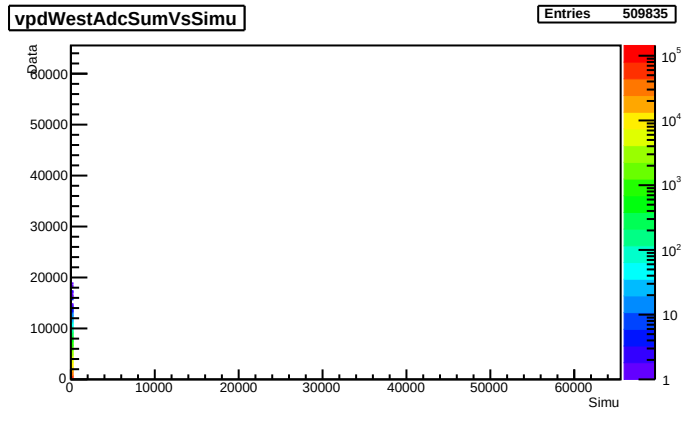

vpdEastAdcSum
Entries 648229

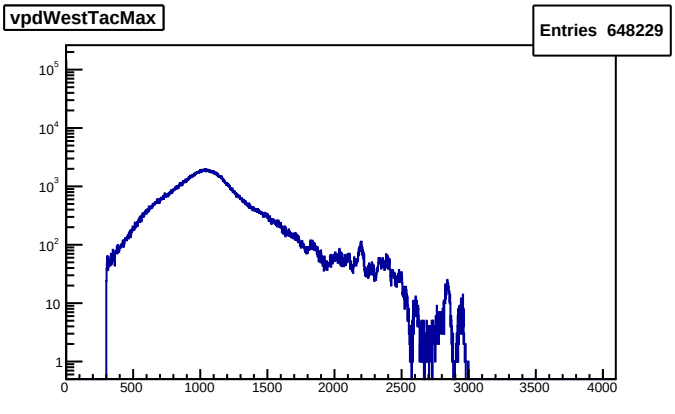

vpdEastAdcSumVsSimu
Entries 349326
Data
Simu

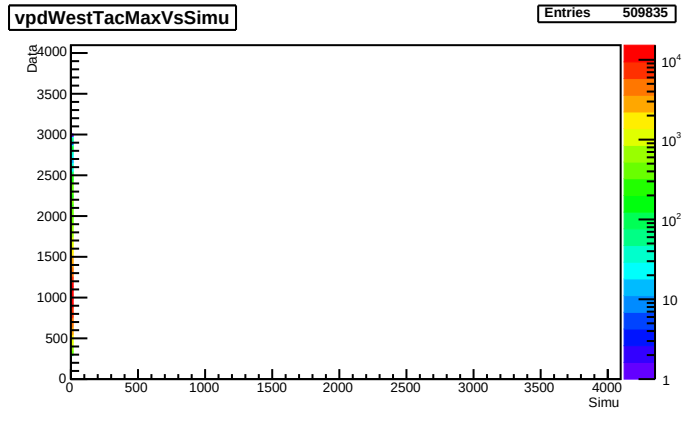

vpdEastTacMax
Entries 648229

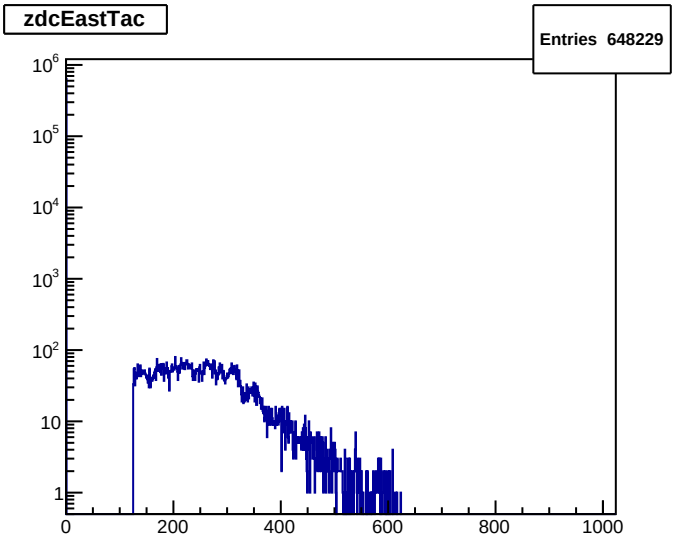

vpdEastTacMaxVsSimu
Entries 349326
Data
Simu

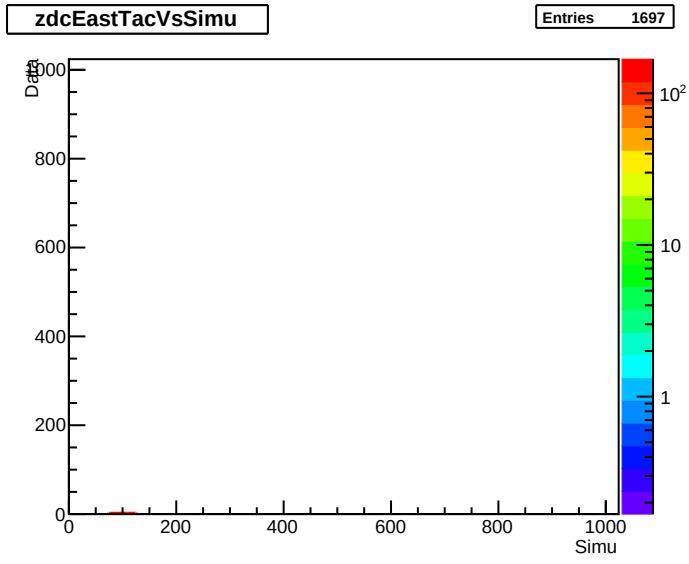

vpdWestAdcSum
Entries 648229

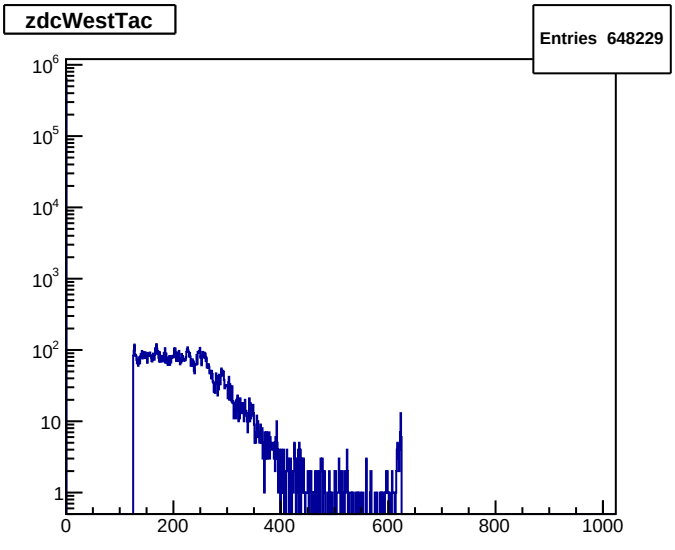

vpdWestAdcSumVsSimu
Entries 509835
Data
Simu

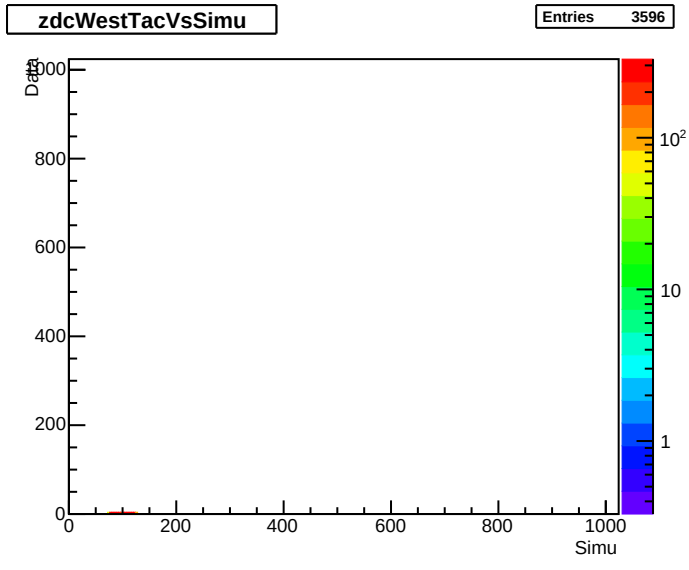

vpdWestTacMax
Entries 648229

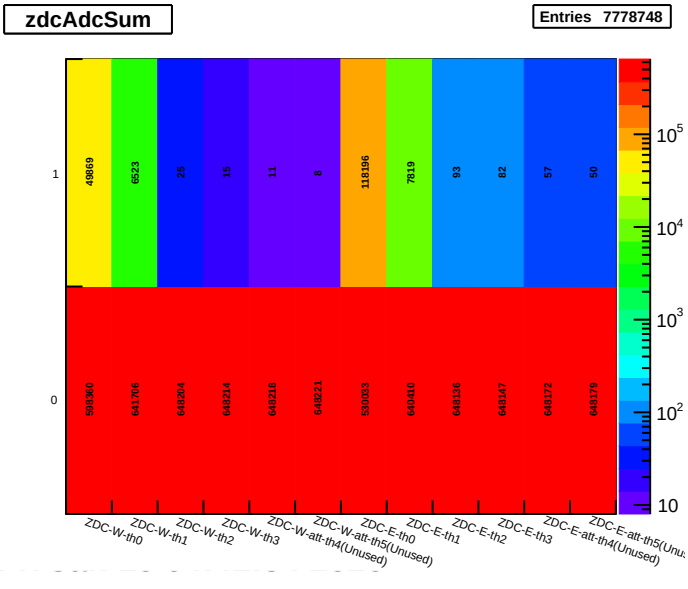

vpdWestTacMaxVsSimu
Entries 509835
Data
Simu

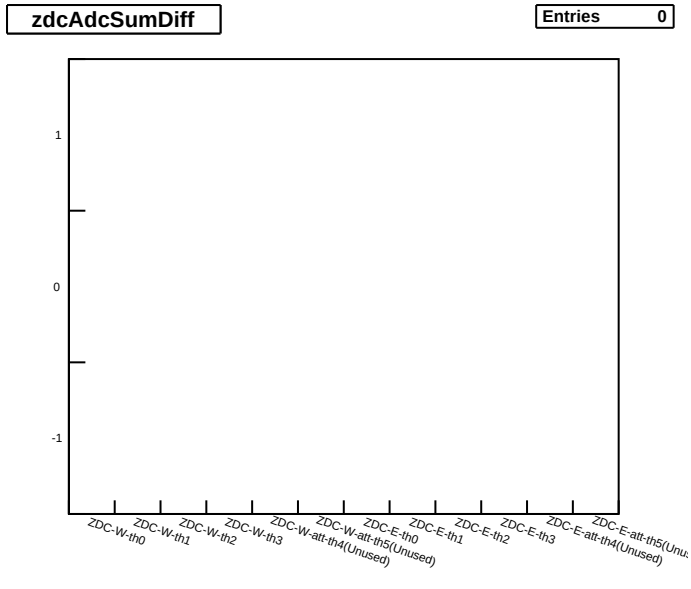

zdcEastTac
Entries 648229

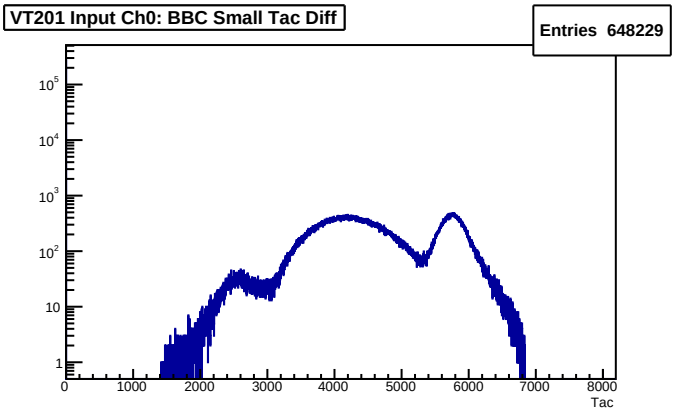

zdcEastTacVsSimu
Entries 1697
Data
Simu

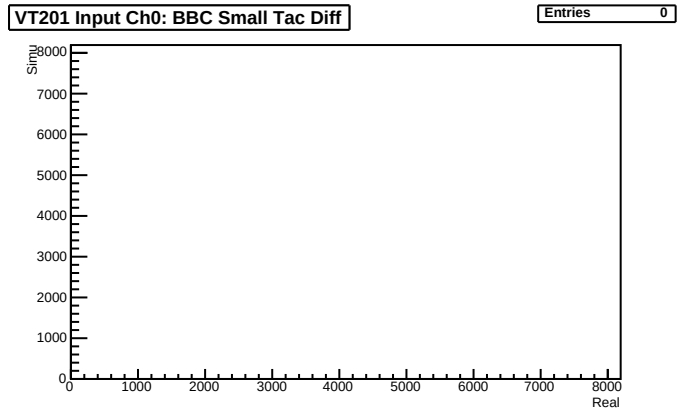

zdcWestTac
Entries 648229

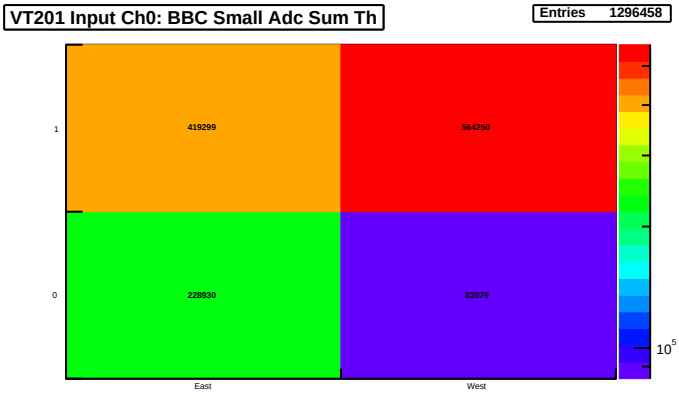

zdcWestTacVsSimu
Entries 3596
Data
Simu

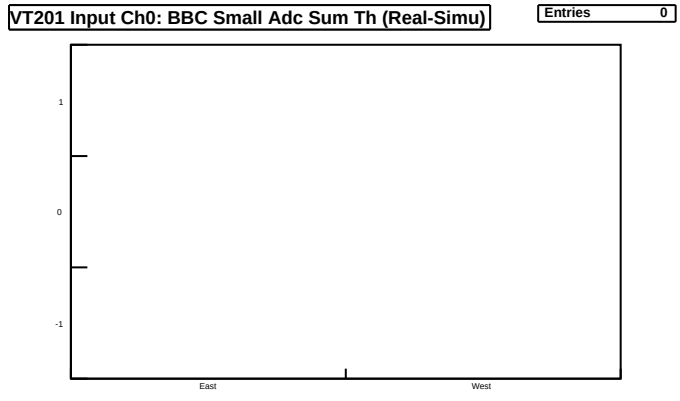

zdcAdcSum
Entries 7778748
49869
6523
25
15
11
8
118196
7819
93
82
57
50
598360
641706
648204
648214
648218
648221
530033
640410
648136
648147
648172
648179
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

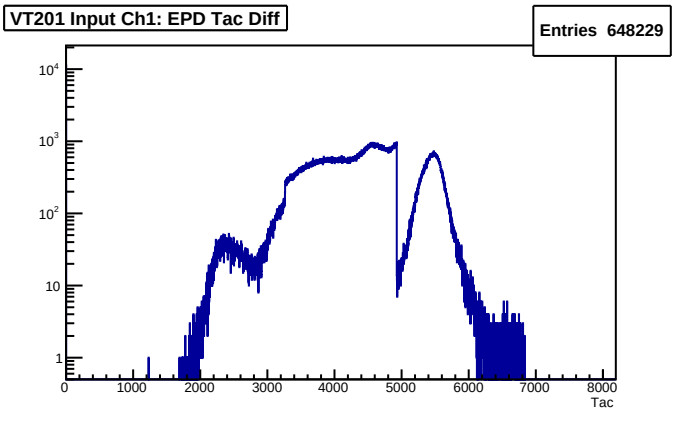

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

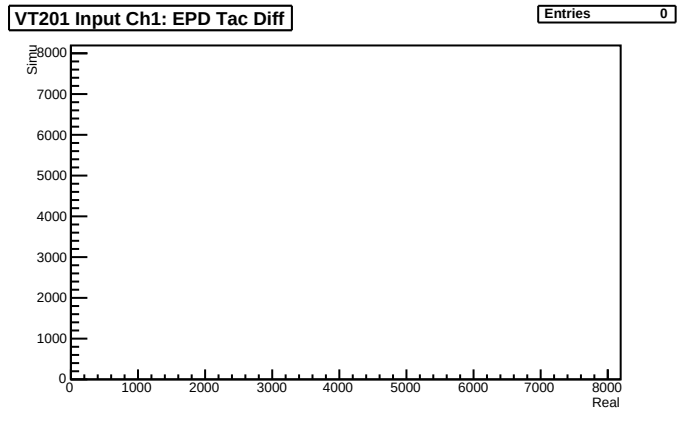

VT201 Input Ch0: BBC Small Tac Diff
Entries 648229
Tac

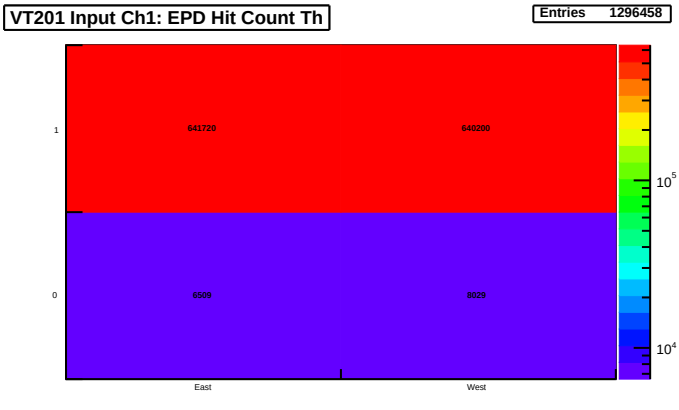

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

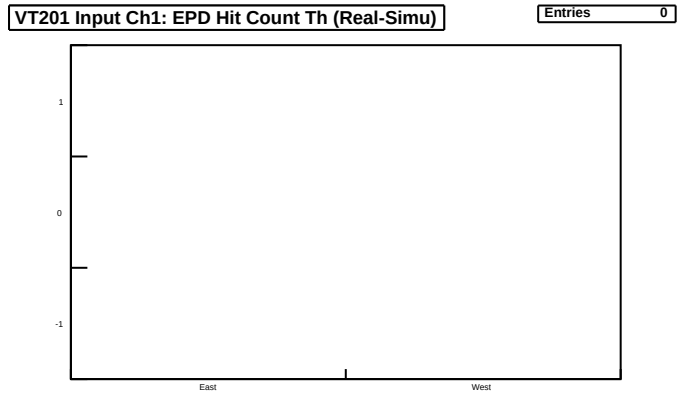

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1296458
419299
564250
228930
83979
East
West

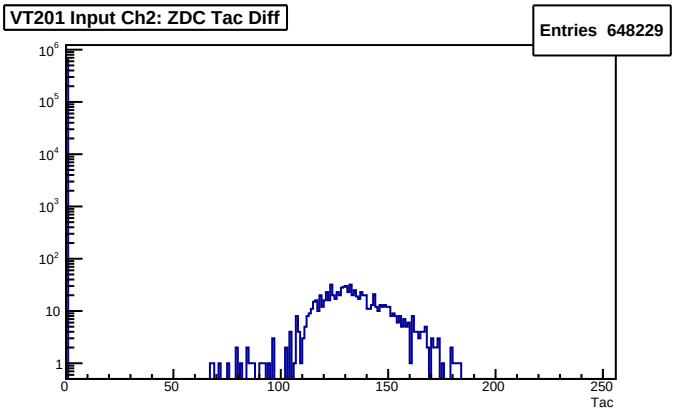

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

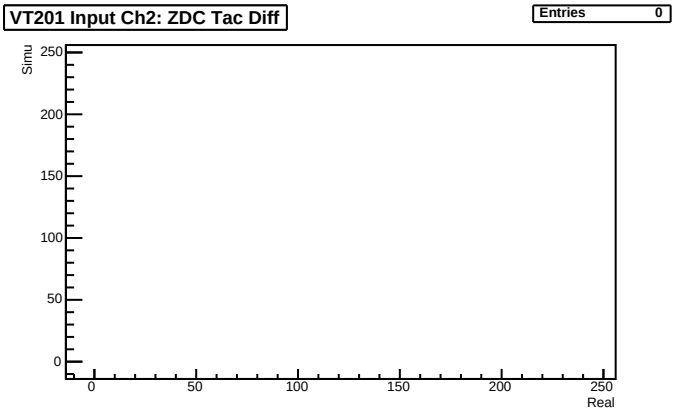

VT201 Input Ch1: EPD Tac Diff
Entries 648229
Tac

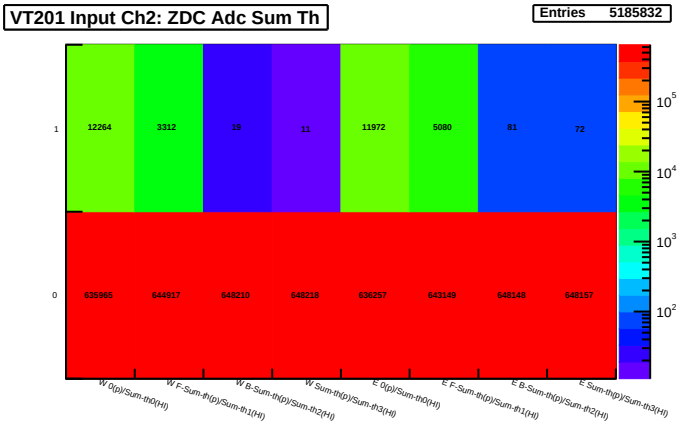

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

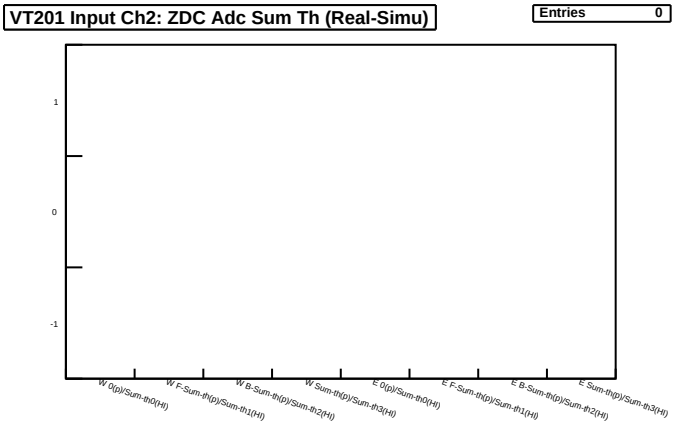

VT201 Input Ch1: EPD Hit Count Th
Entries 1296458
641720
640200
6509
8029
East
West

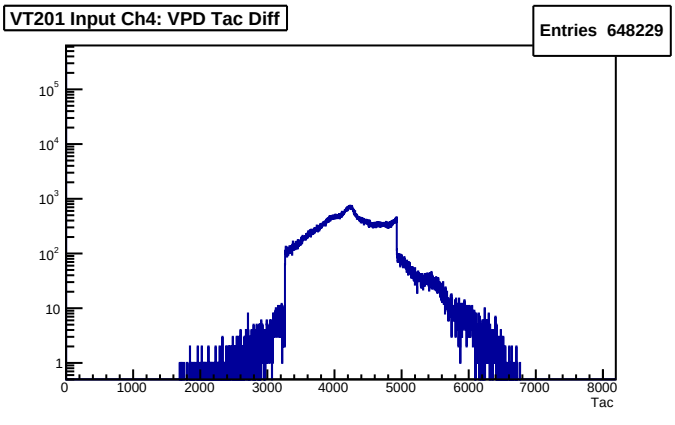

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

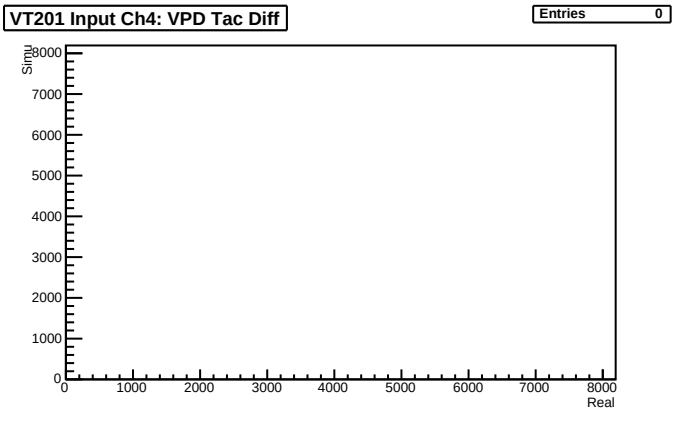

VT201 Input Ch2: ZDC Tac Diff
Entries 648229
Tac

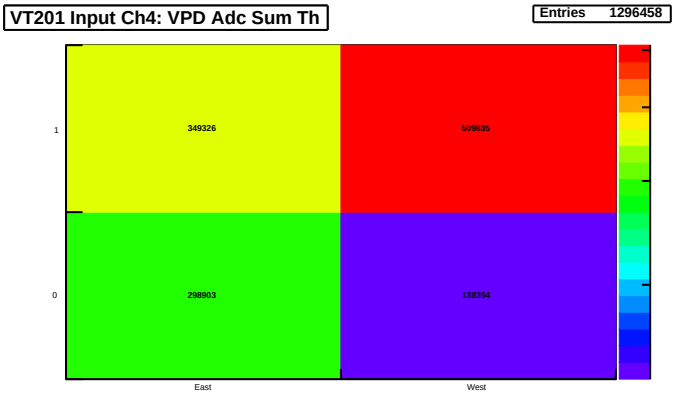

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

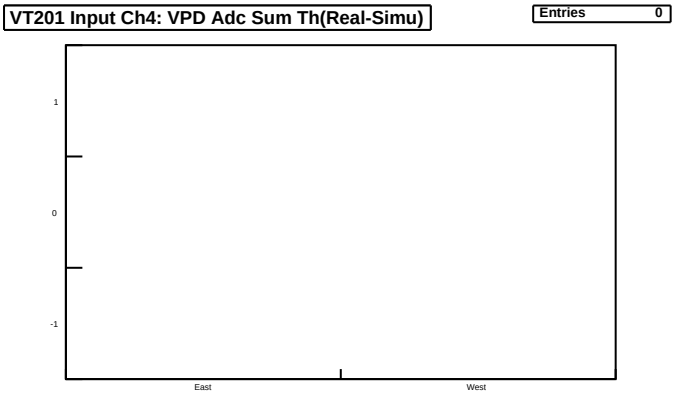

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5185832
12264
3312
19
11
11972
5080
81
72
635965
644917
648210
648218
636257
643149
648148
648157
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

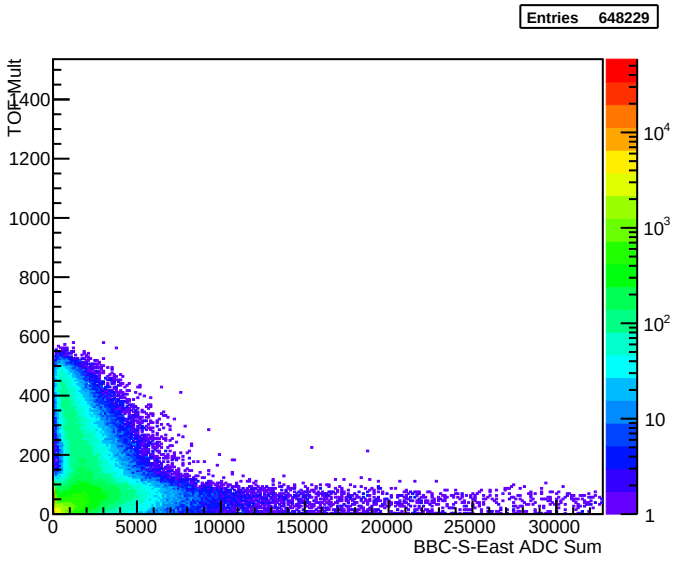

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

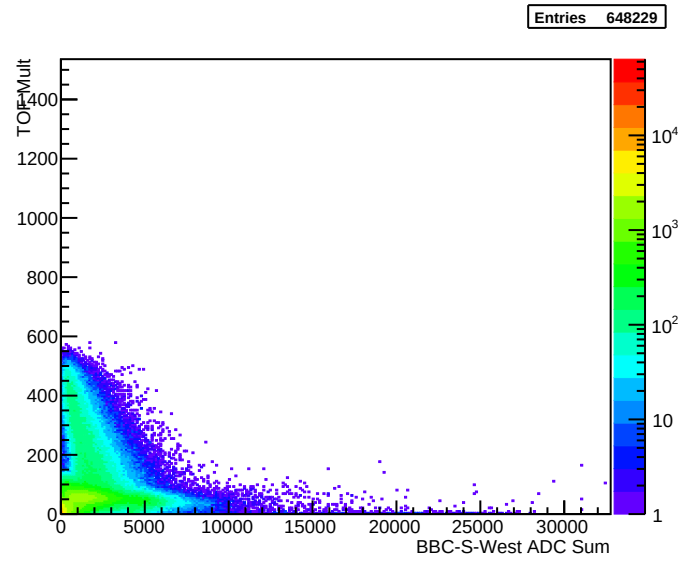

VT201 Input Ch4: VPD Tac Diff
Entries 648229
Tac

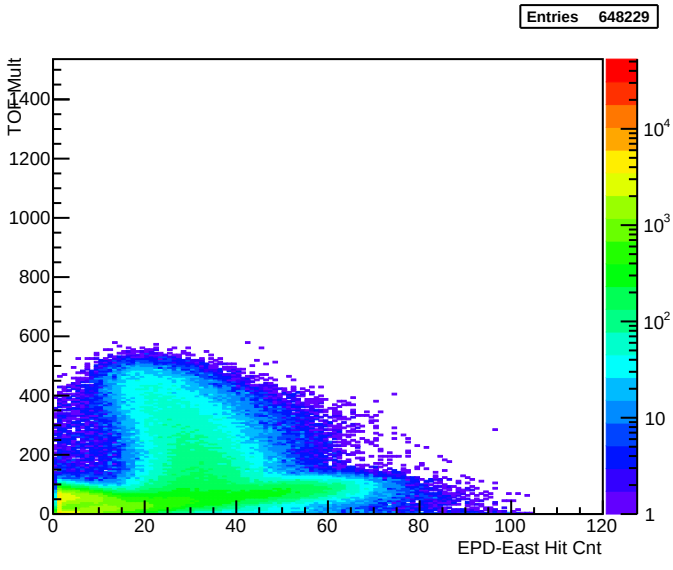

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

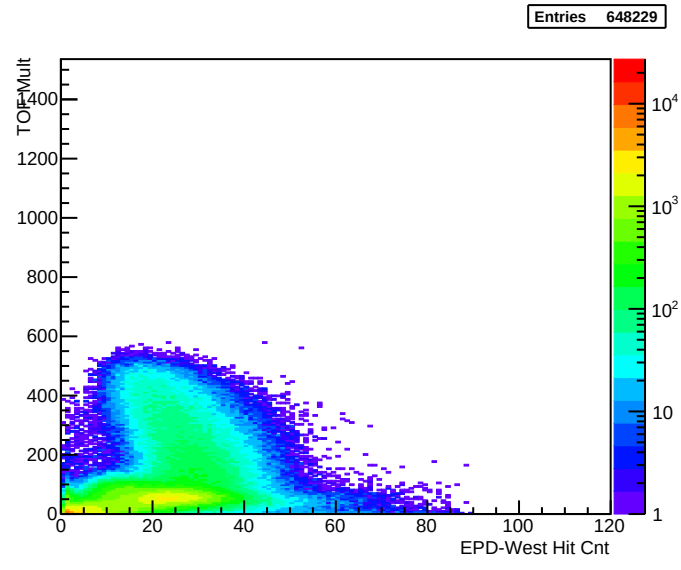

VT201 Input Ch4: VPD Adc Sum Th
Entries 1296458
349326
509835
298903
138394
East
West

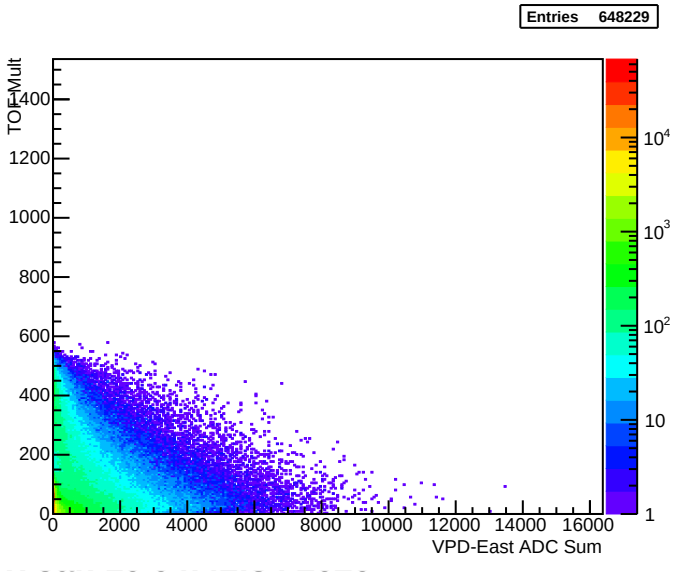

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

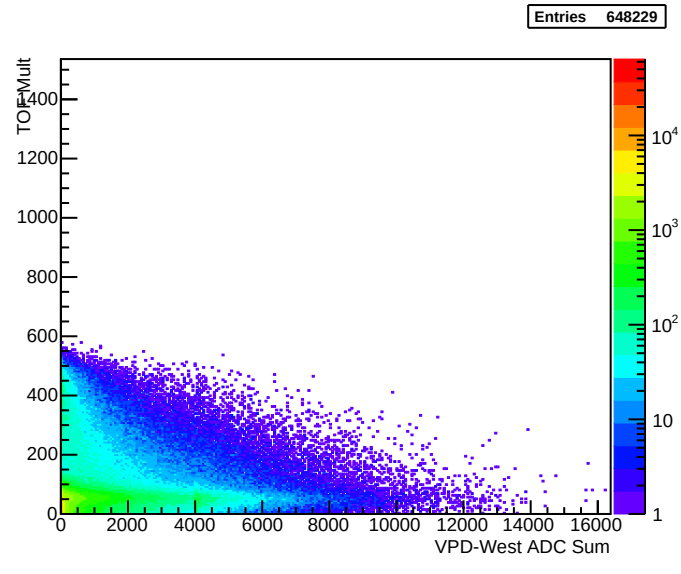

Entries 648229
TOF-Mult
BBC-S-East ADC Sum

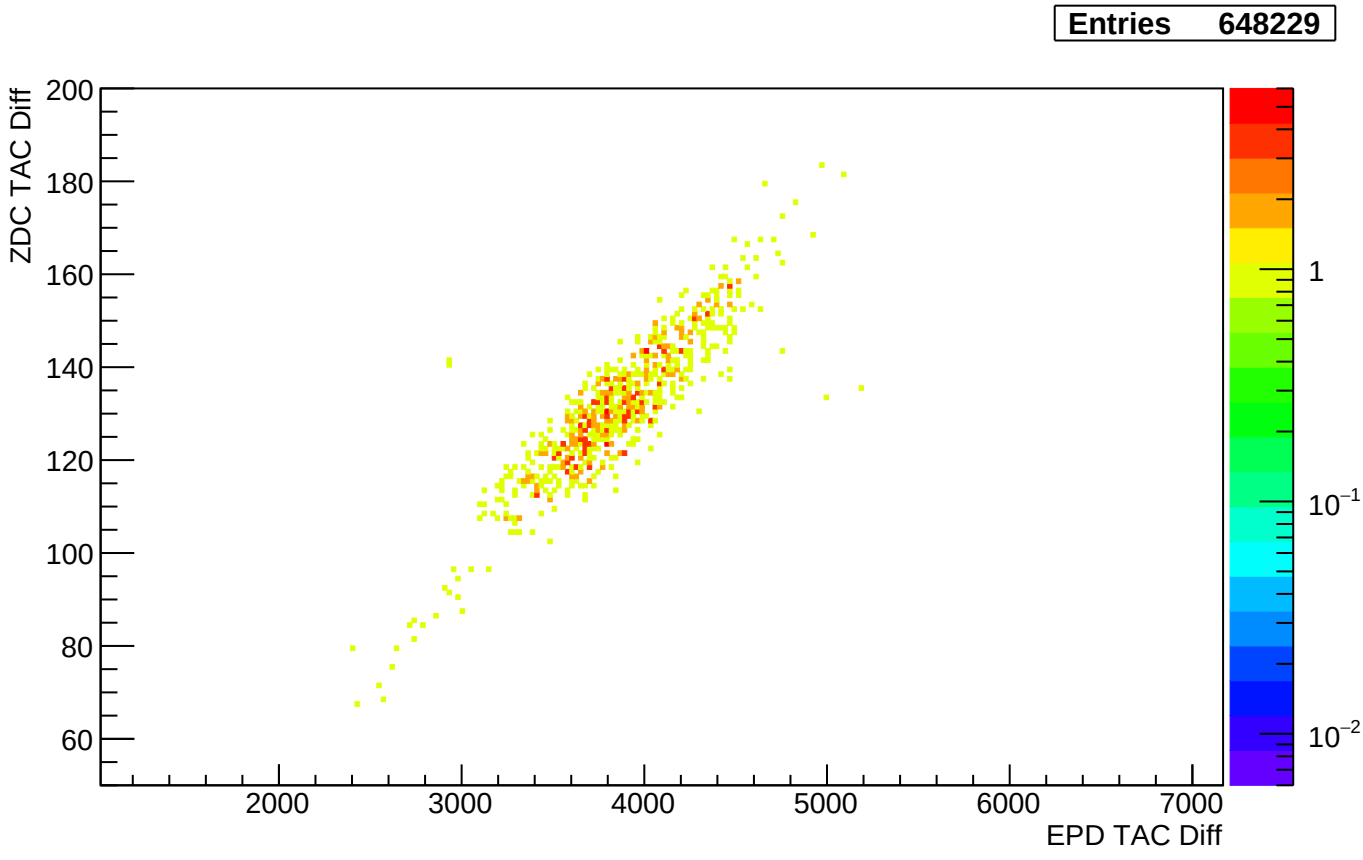

Entries 648229
TOF-Mult
BBC-S-West ADC Sum

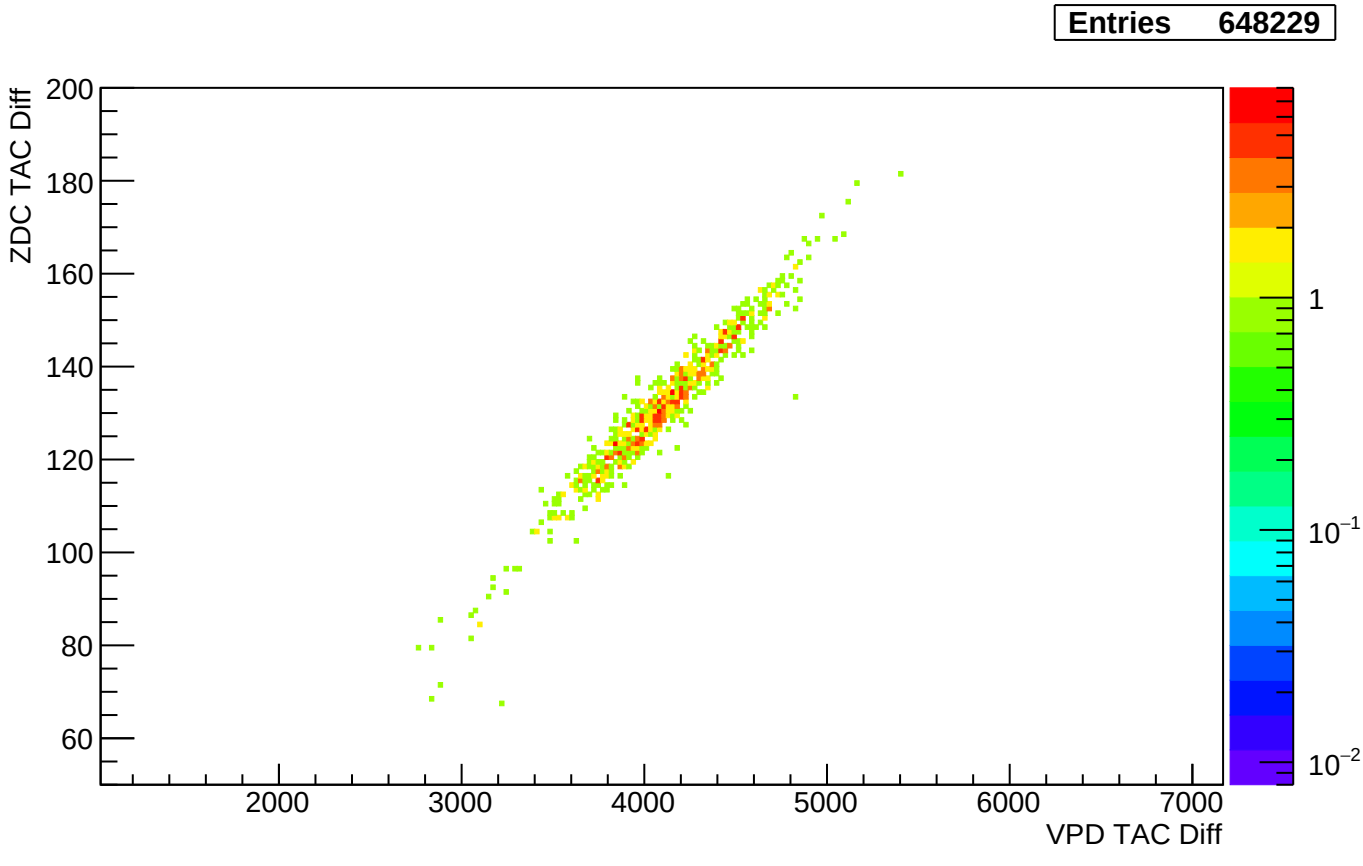

Entries 648229
TOF-Mult
EPD-East Hit Cnt

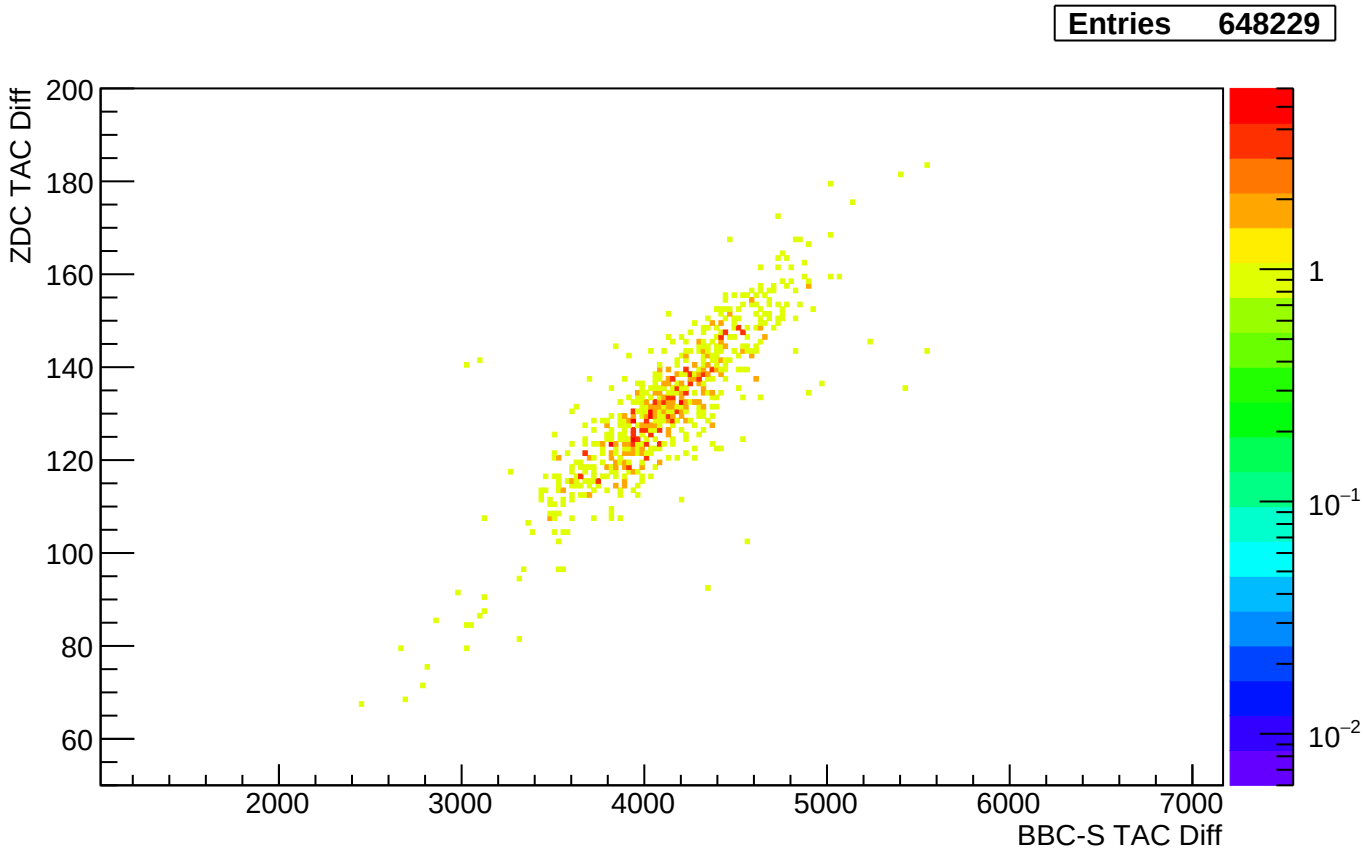

Entries 648229
TOF-Mult
EPD-West Hit Cnt

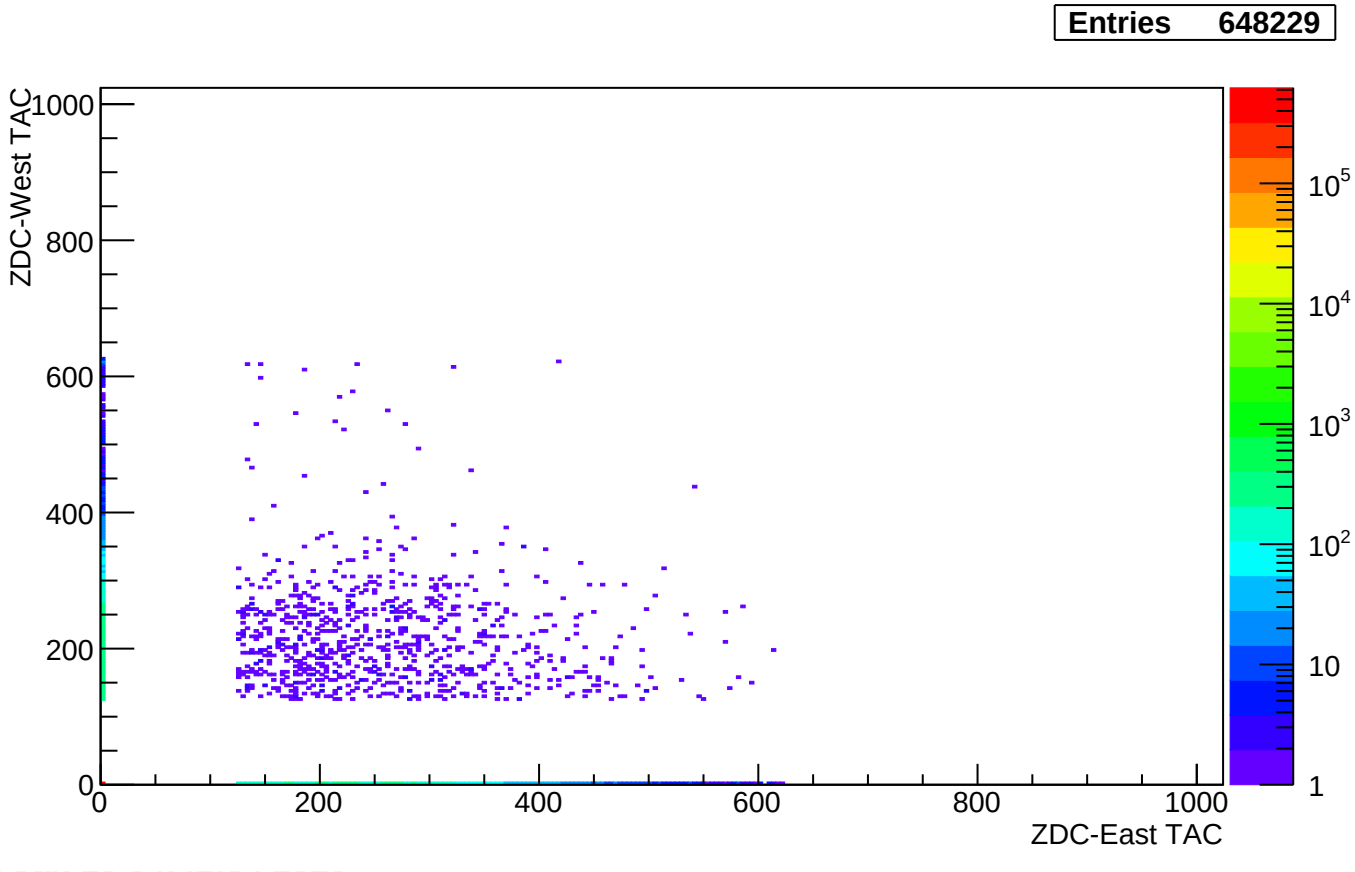

Entries 648229
TOF-Mult
VPD-East ADC Sum

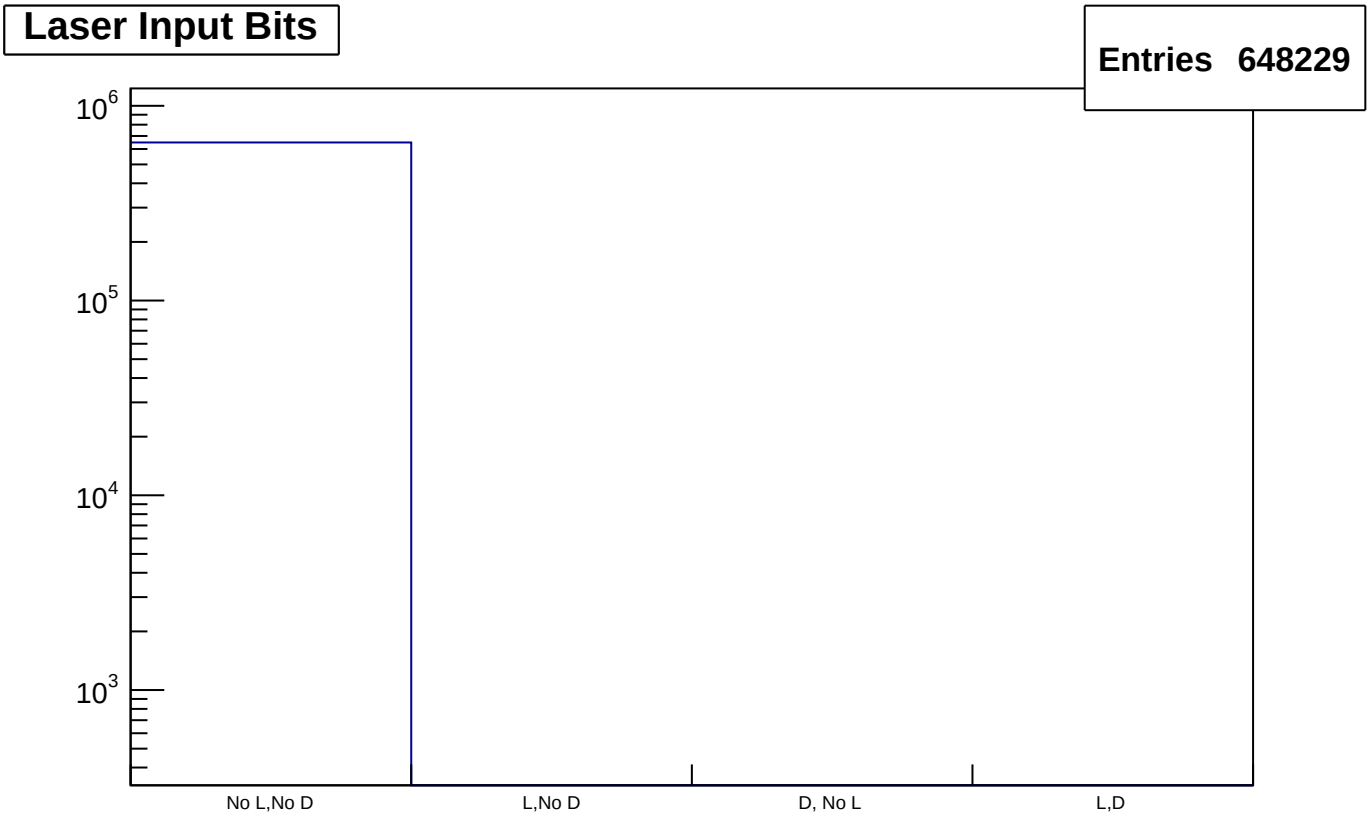

Entries 648229
TOF-Mult
VPD-West ADC Sum

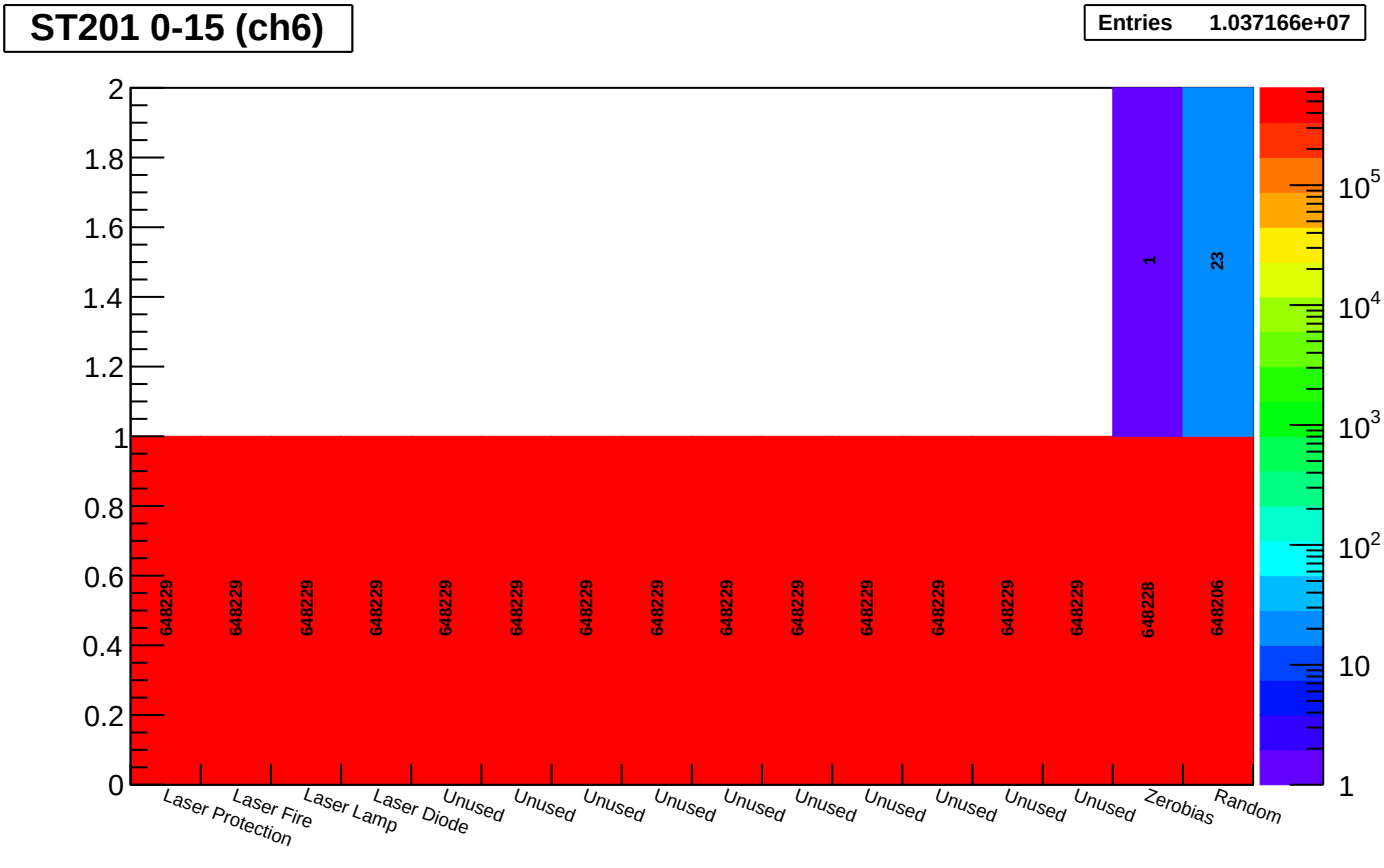

Entries 648229
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

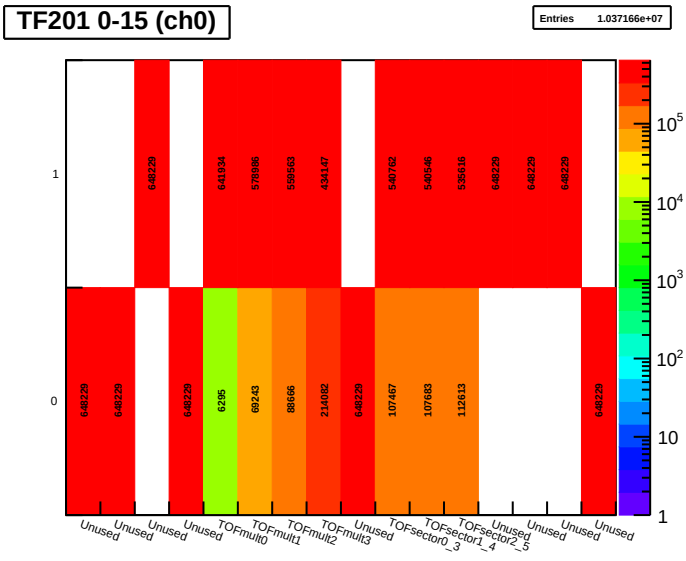

Entries 648229
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

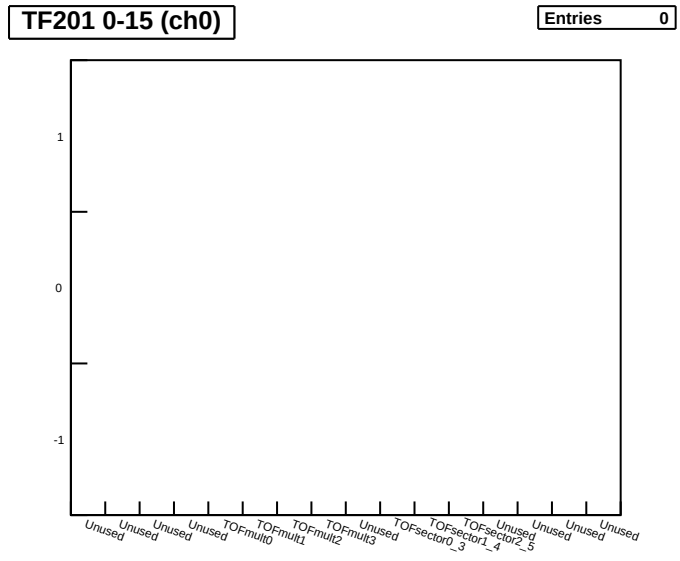

Entries 648229
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

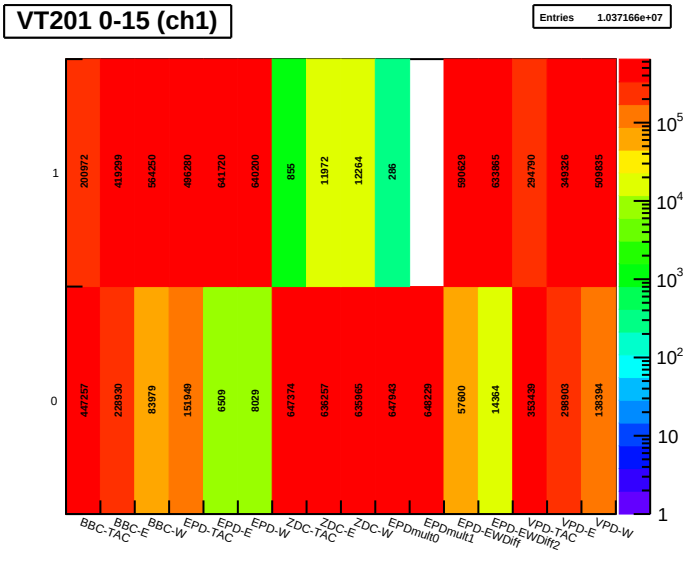

Entries 648229
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

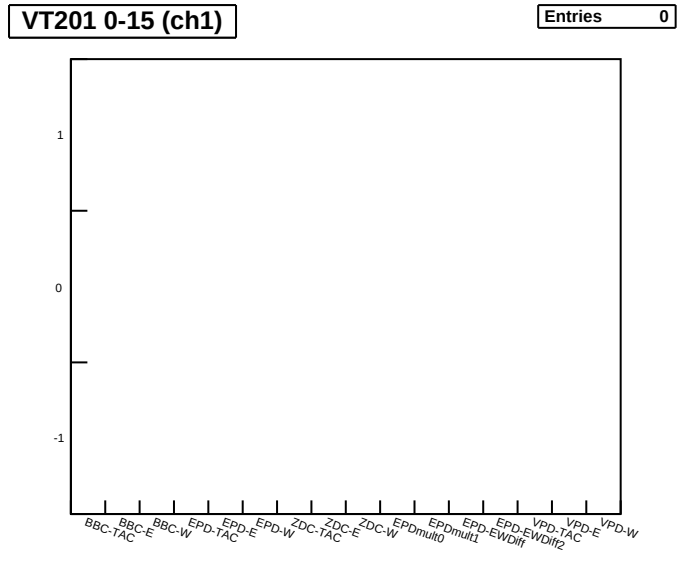

Laser Input Bits
Entries 648229
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

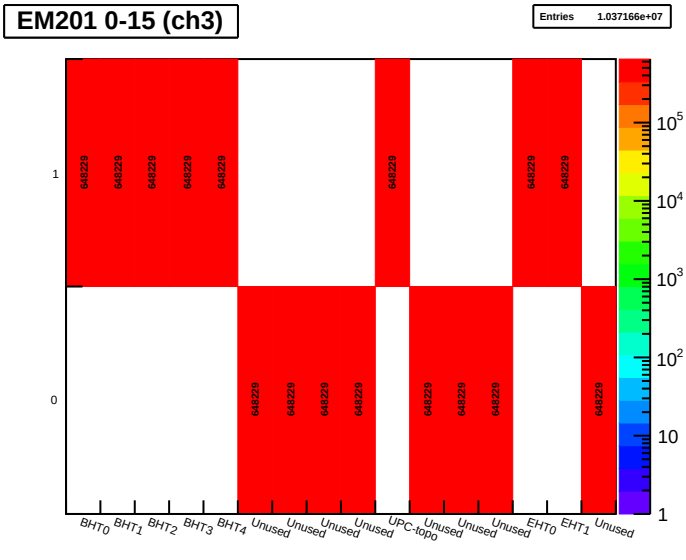

ST201 0-15 (ch6)
Entries 1.037166e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648228
648206
1
23
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

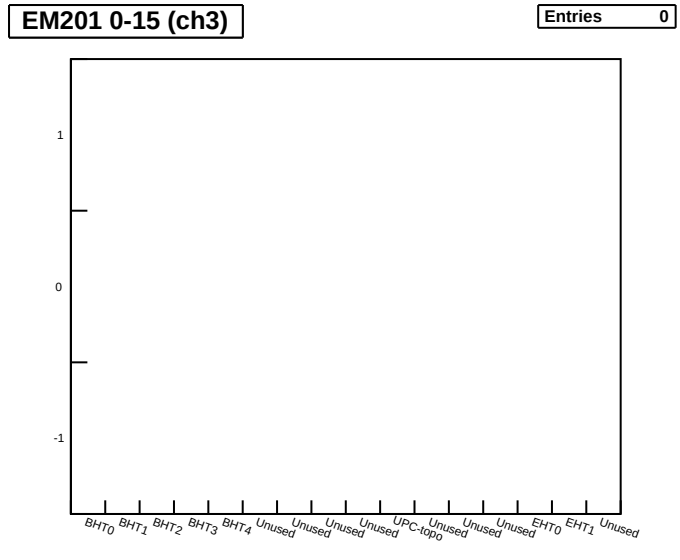

TF201 0-15 (ch0)
Entries 1.037166e+07
1
0
648229
641934
578986
539563
434147
540762
540546
535616
648229
648229
648229
648229
648229
648229
6295
69243
88666
214082
648229
107467
107683
112613
648229
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 1.037166e+07
1
0
200972
419299
564250
496280
641720
640200
855
11972
12264
286
590629
633865
294790
349326
509835
447257
228930
83979
151949
6509
8029
647374
638257
635965
647943
648229
57600
14364
353439
298903
138394
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 1.037166e+07
1
0
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
648229
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