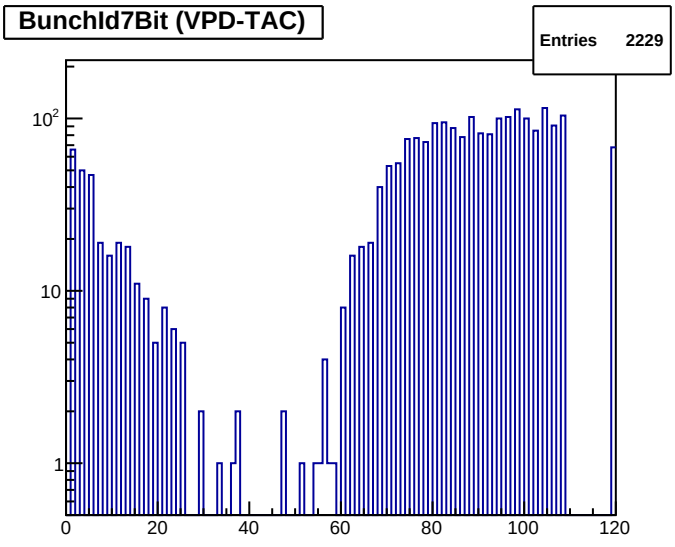
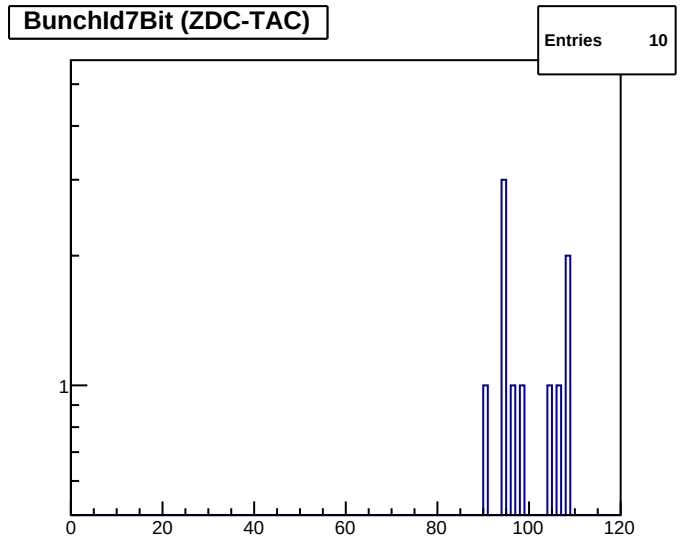
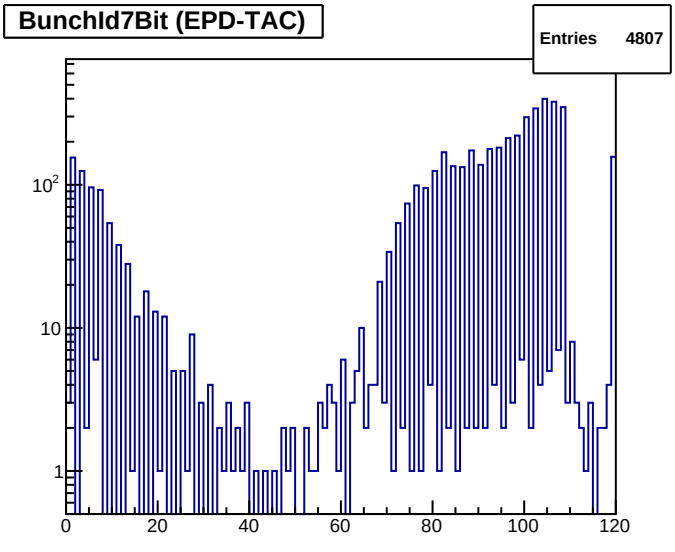
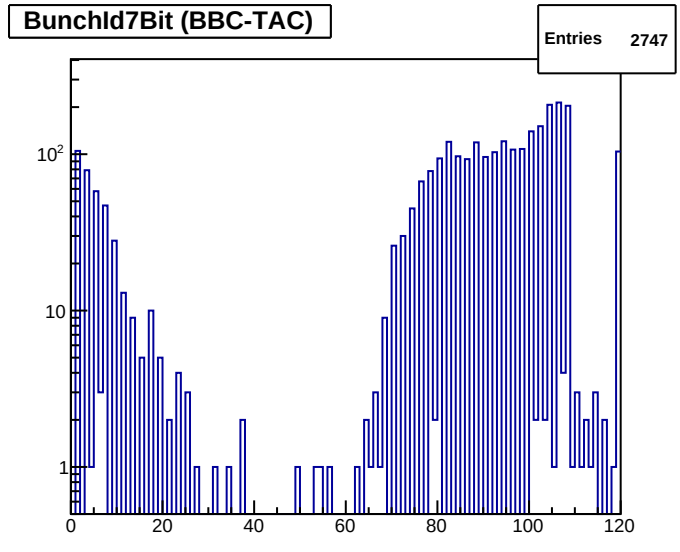
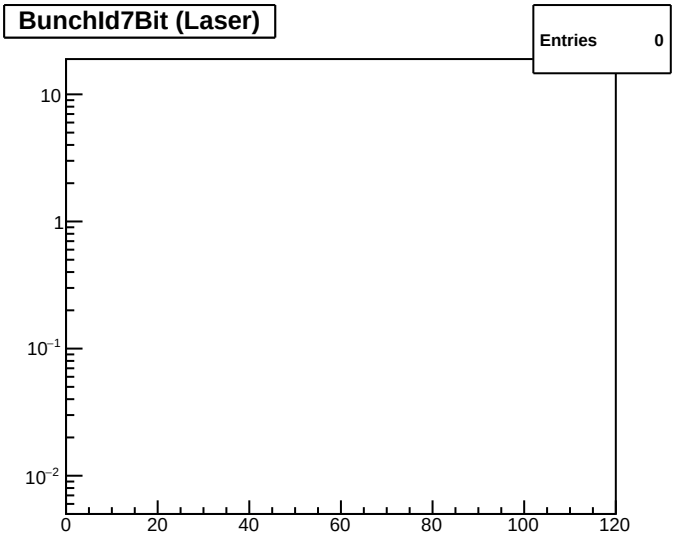
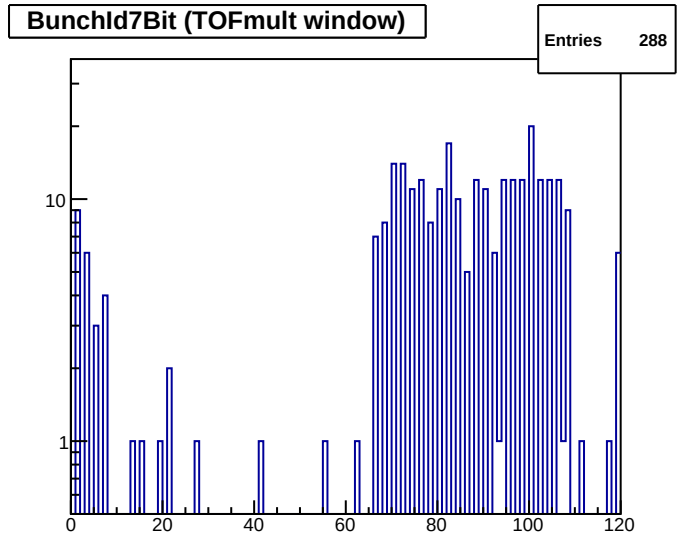

BunchId7Bit (VPD-TAC)
Entries 2229

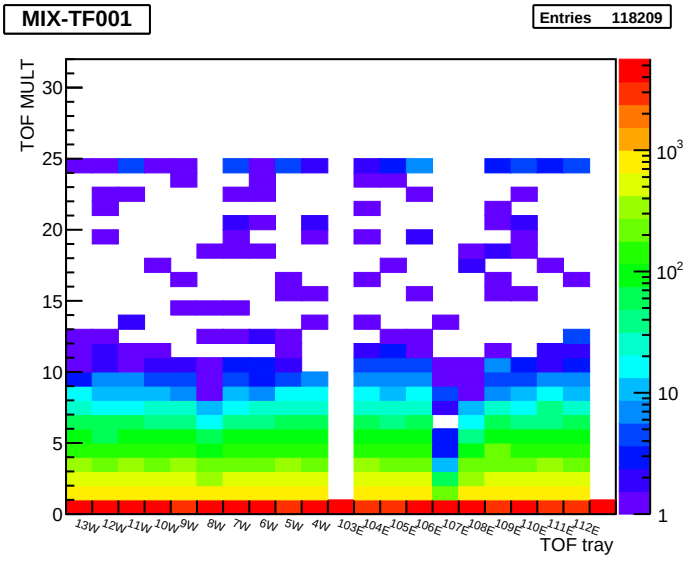

BunchId7Bit (ZDC-TAC)
Entries 10

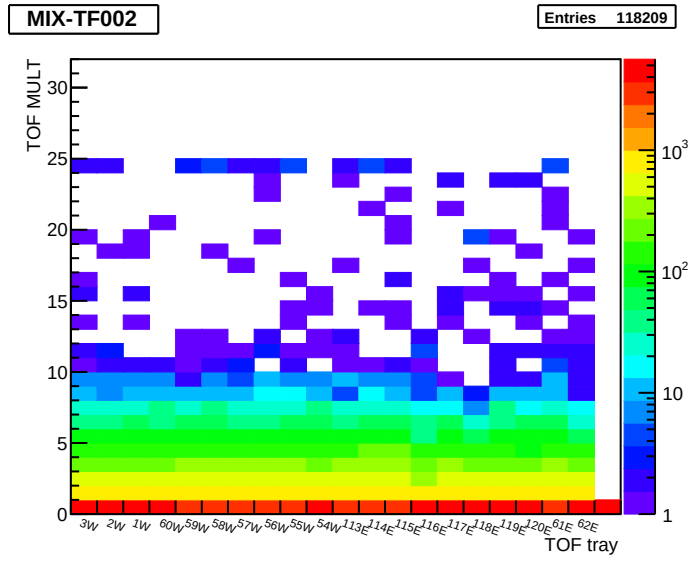

BunchId7Bit (EPD-TAC)
Entries 4807

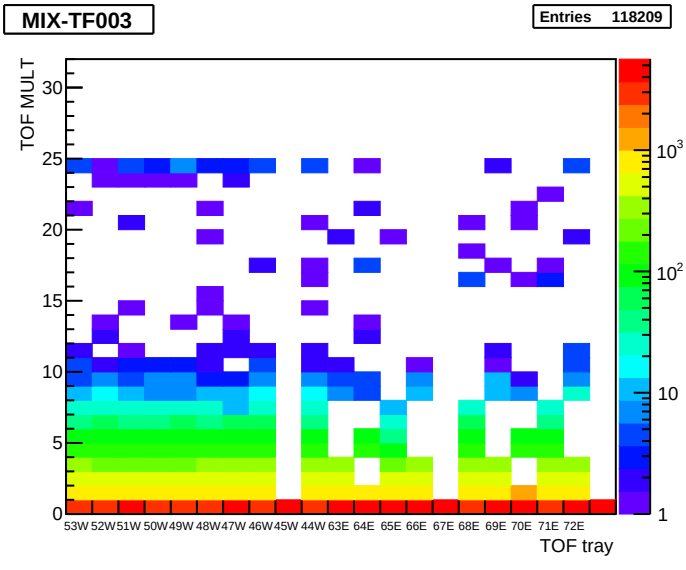

BunchId7Bit (BBC-TAC)
Entries 2747

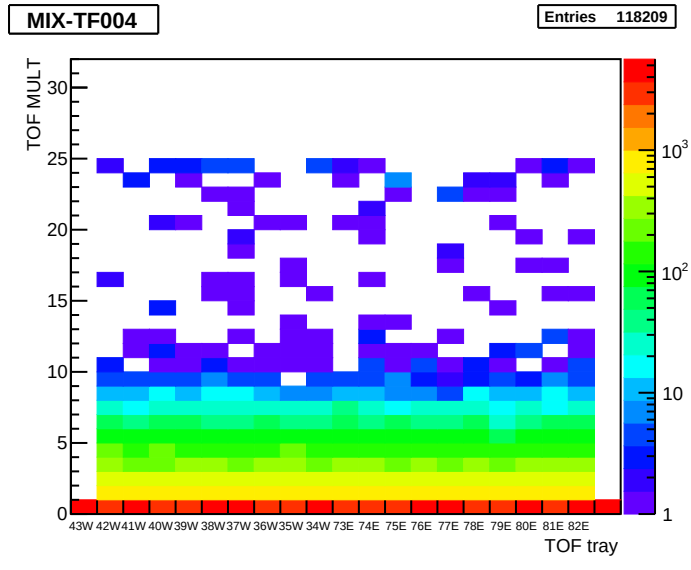

BunchId7Bit (Laser)
Entries 0

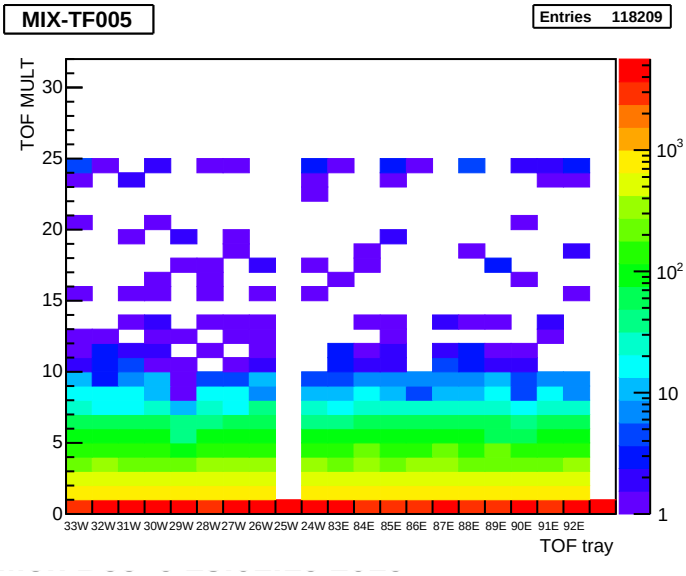

BunchId7Bit (TOFmult window)
Entries 288

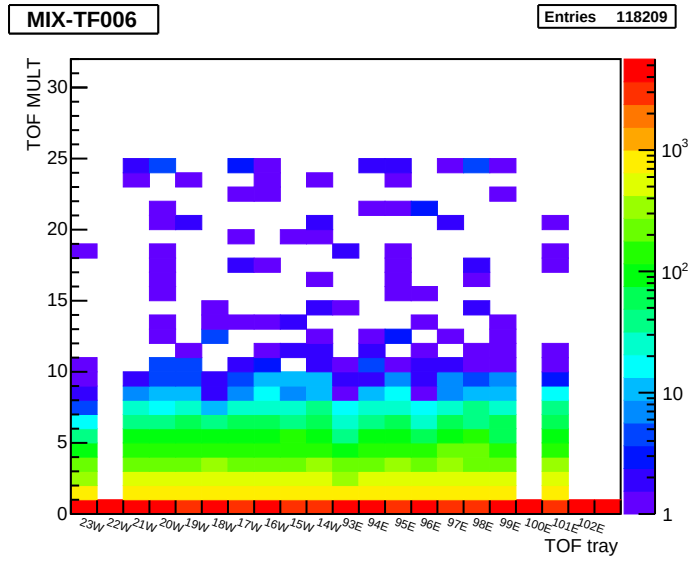

MIX-TF001
Entries 118209
TOF MULT
TOF tray

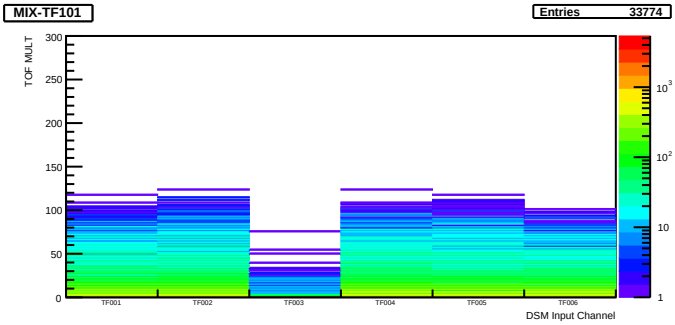

MIX-TF002
Entries 118209
TOF MULT
TOF tray

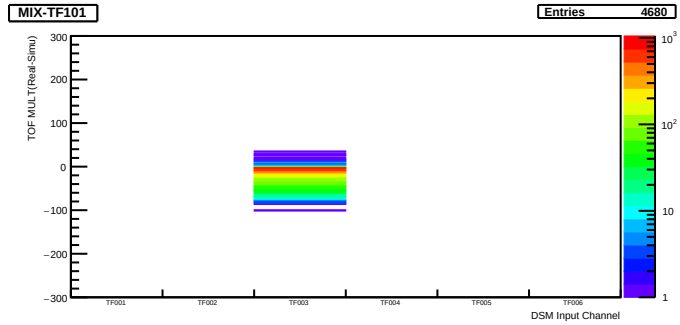

MIX-TF003
Entries 118209
TOF MULT
TOF tray

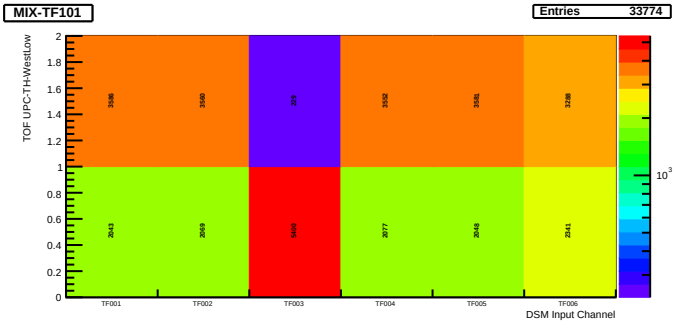

MIX-TF004
Entries 118209
TOF MULT
TOF tray

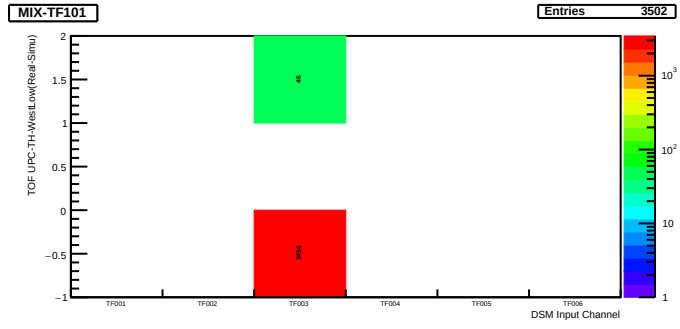

MIX-TF005
Entries 118209
TOF MULT
TOF tray

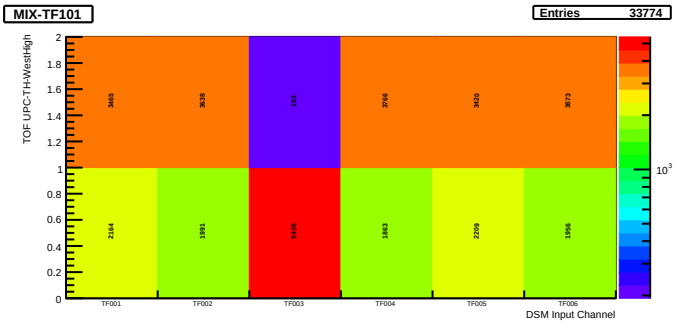

MIX-TF006
Entries 118209
TOF MULT
TOF tray

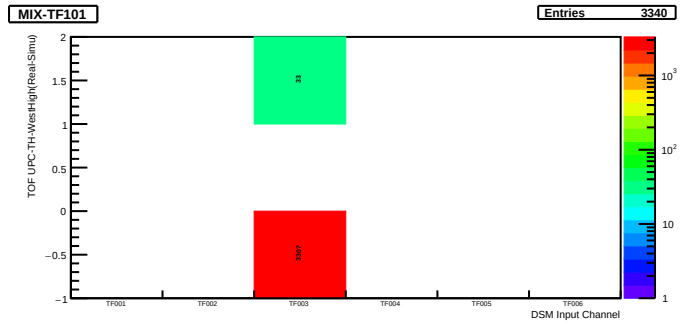

MIX-TF101
Entries 33774
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

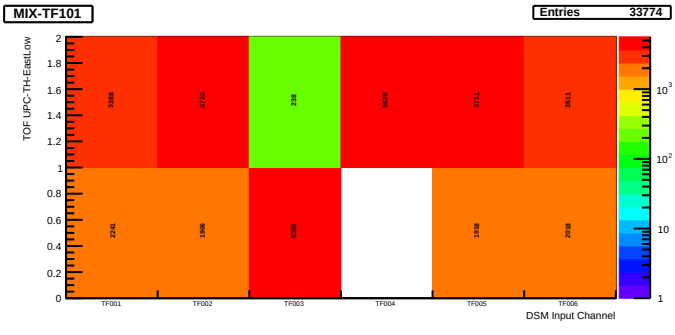

MIX-TF101
Entries 4680
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

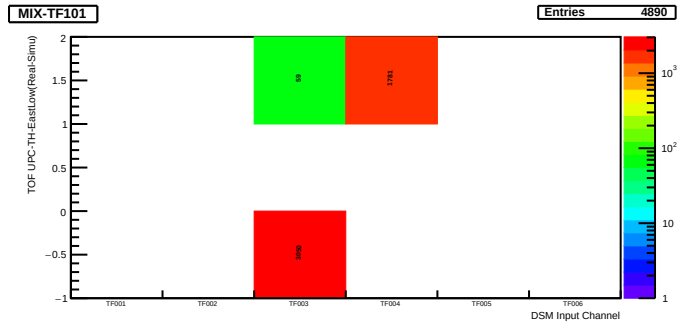

MIX-TF101
Entries 33774
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

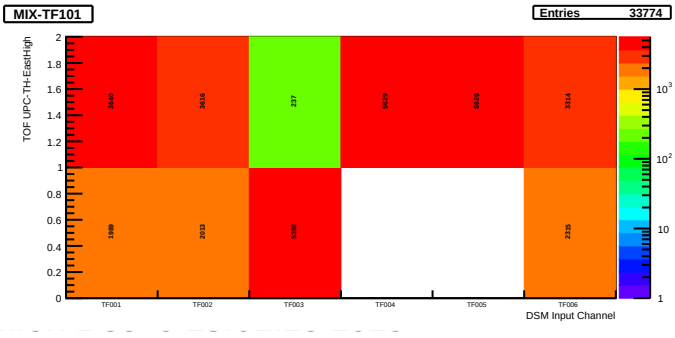

MIX-TF101
Entries 3502
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

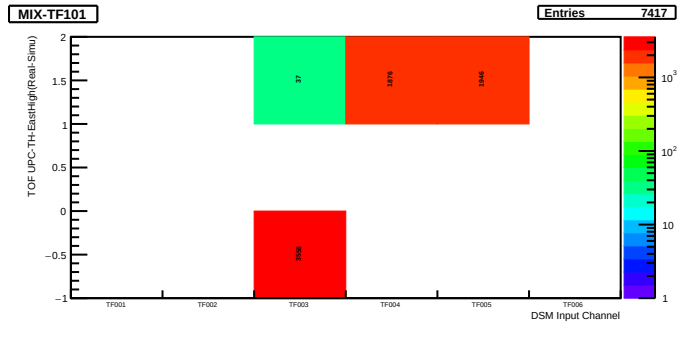

MIX-TF101
Entries 33774
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

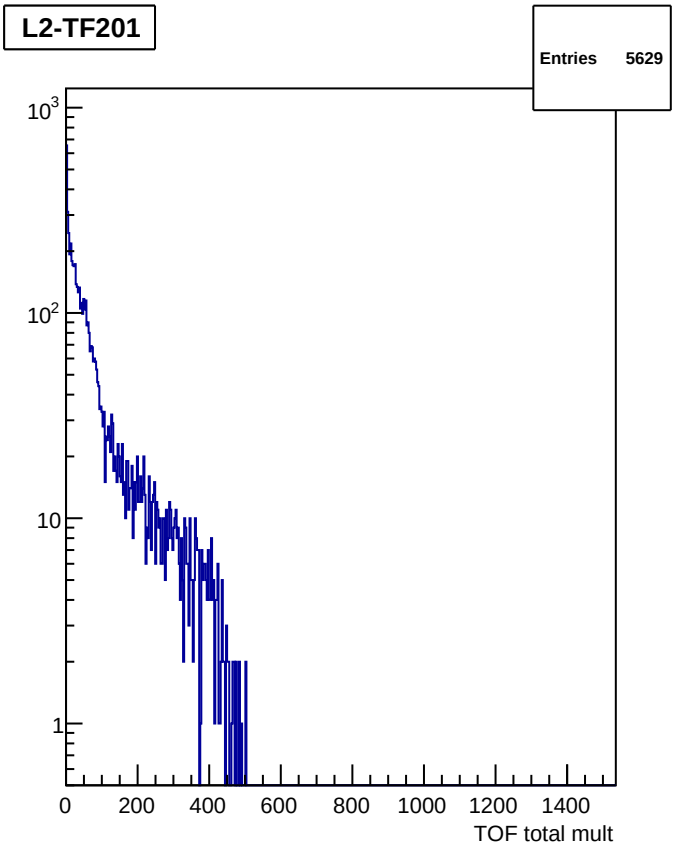

MIX-TF101
Entries 3340
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

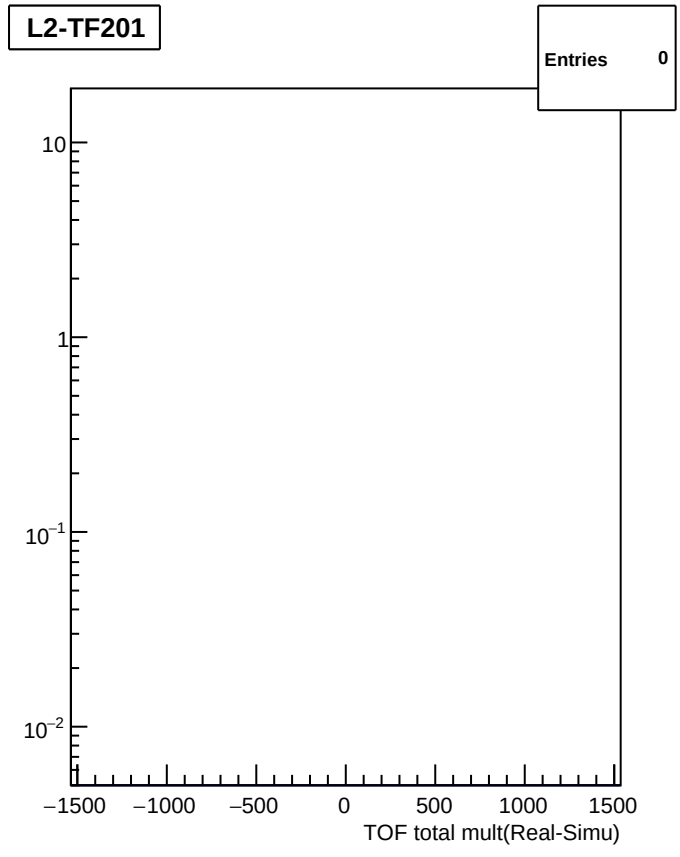

MIX-TF101
Entries 33774
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

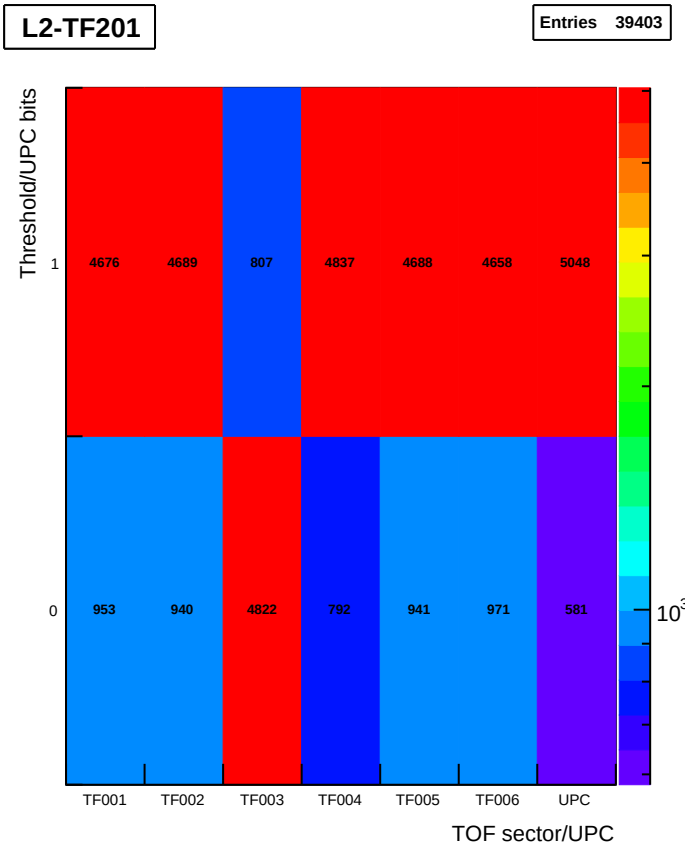

MIX-TF101
Entries 4890
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

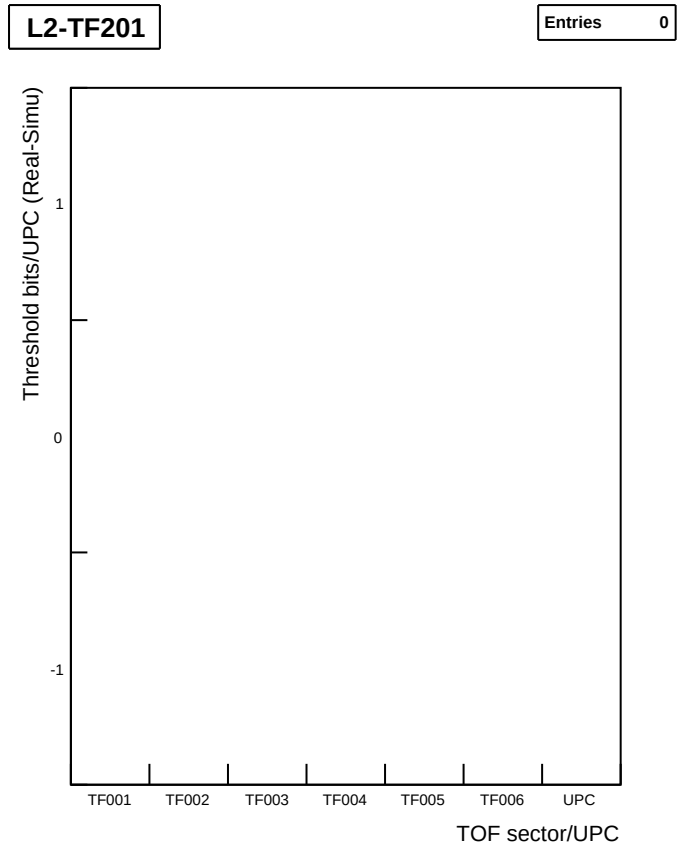

MIX-TF101
Entries 33774
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

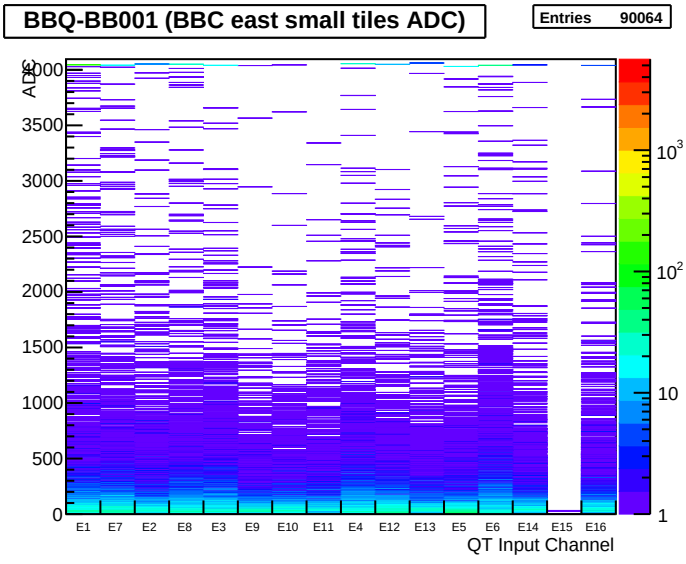

MIX-TF101
Entries 7417
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

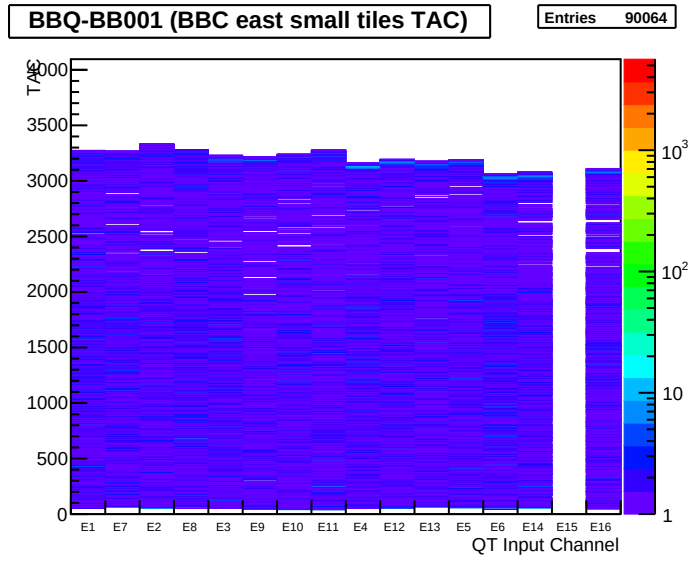

L2-TF201
Entries 5629
TOF total mult

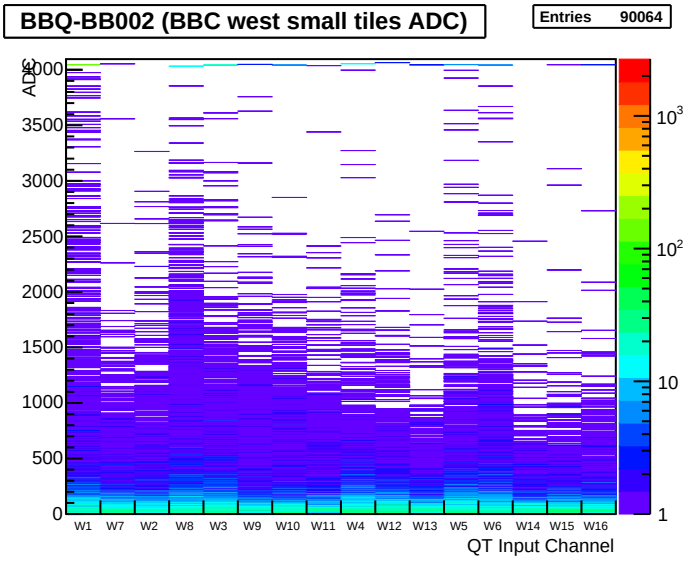

L2-TF201
Entries 0
TOF total mult(Real-Simu)

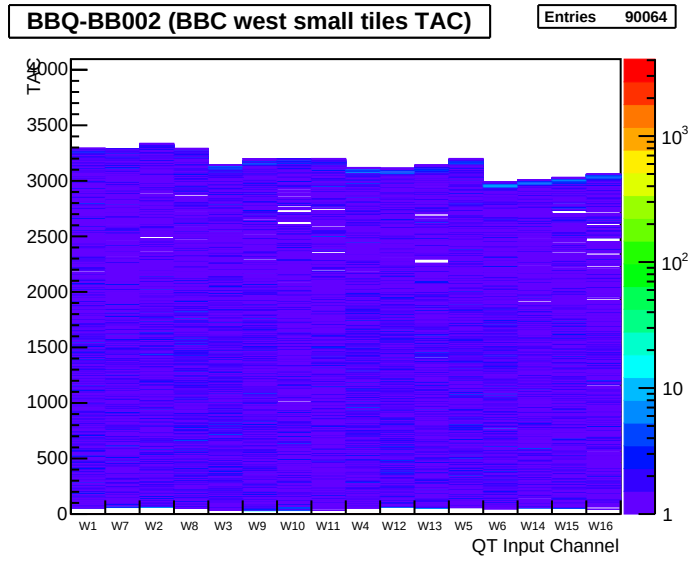

L2-TF201
Entries 39403
Threshold/UPC bits
4676 4689 807 4837 4688 4658 5048
953 940 4822 792 941 971 581
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

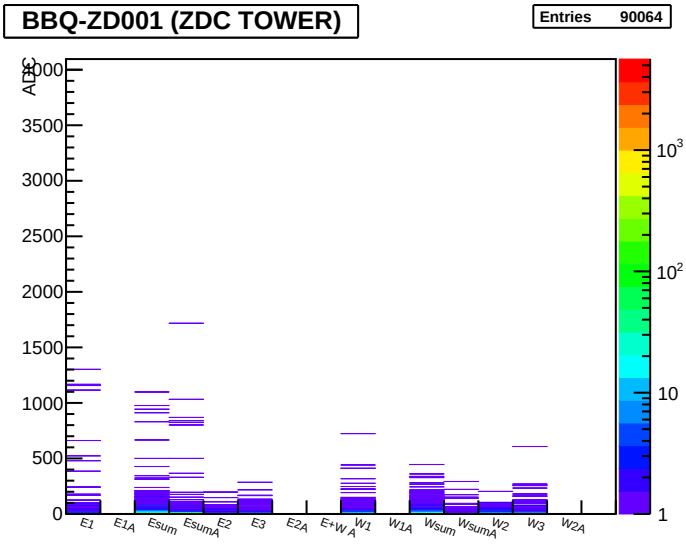

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

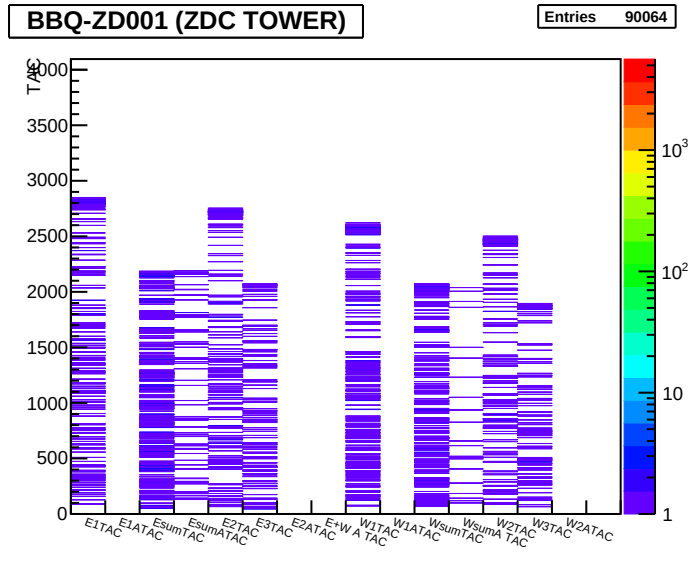

BBQ-BB001 (BBC east small tiles ADC)
Entries 90064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

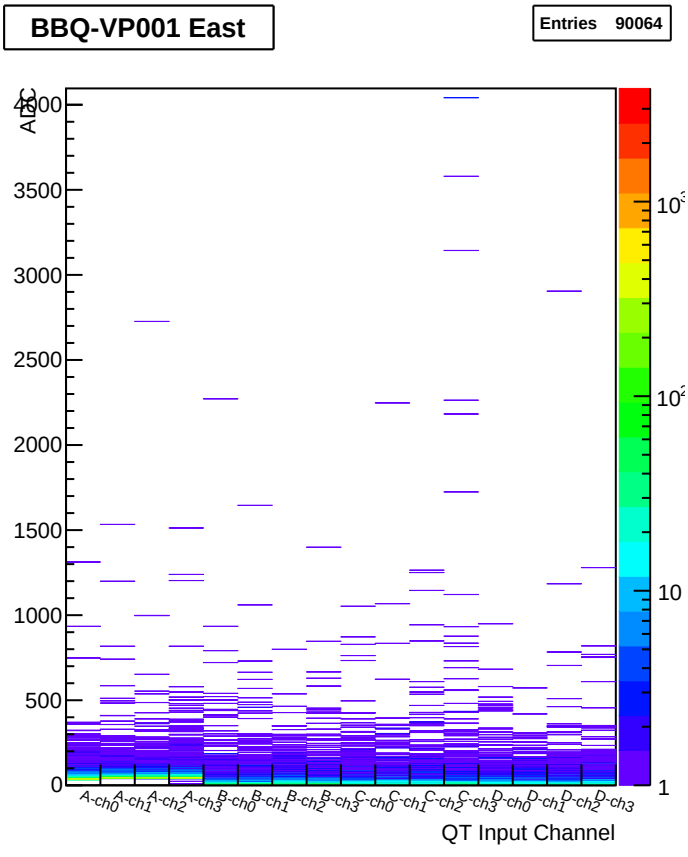

BBQ-BB001 (BBC east small tiles TAC)
Entries 90064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

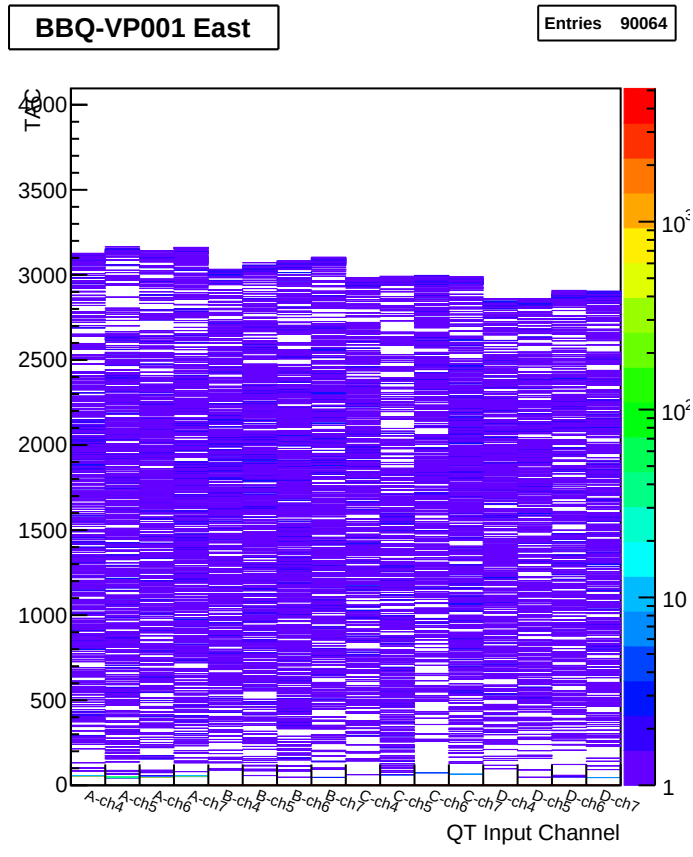

BBQ-BB002 (BBC west small tiles ADC)
Entries 90064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

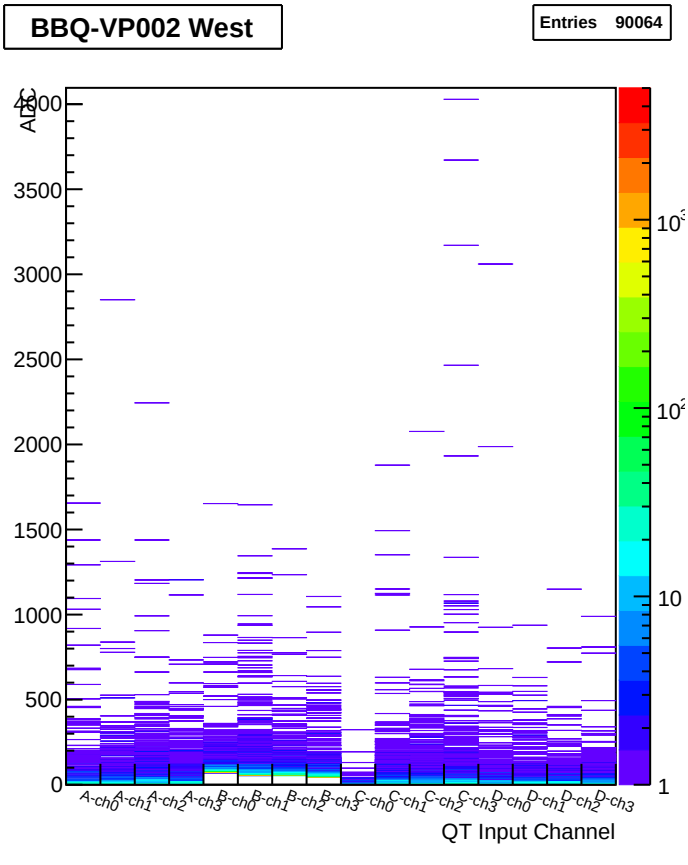

BBQ-BB002 (BBC west small tiles TAC)
Entries 90064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

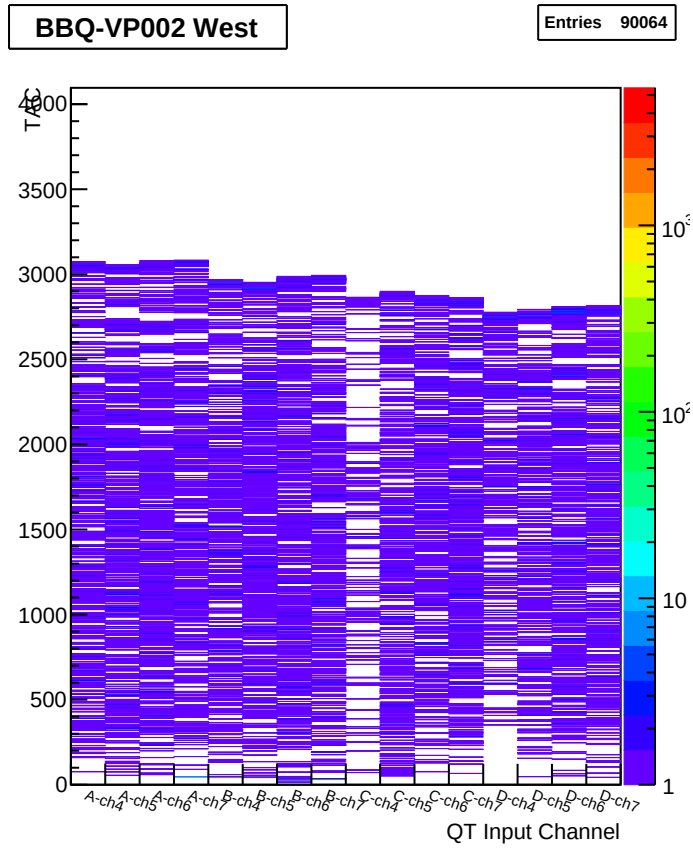

BBQ-ZD001 (ZDC TOWER)
Entries 90064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

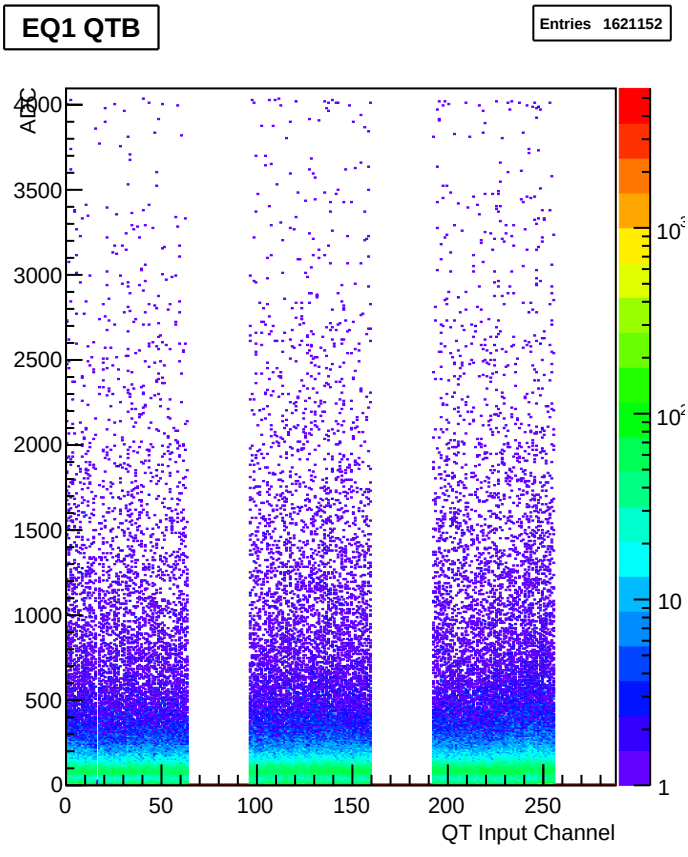

BBQ-ZD001 (ZDC TOWER)
Entries 90064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

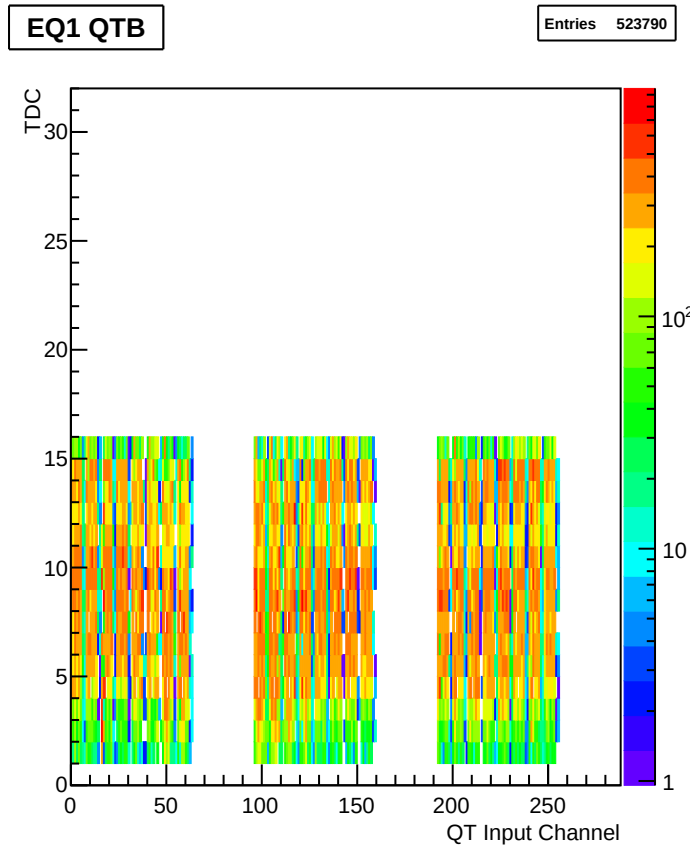

BBQ-VP001 East
Entries 90064
ADC
QT Input Channel

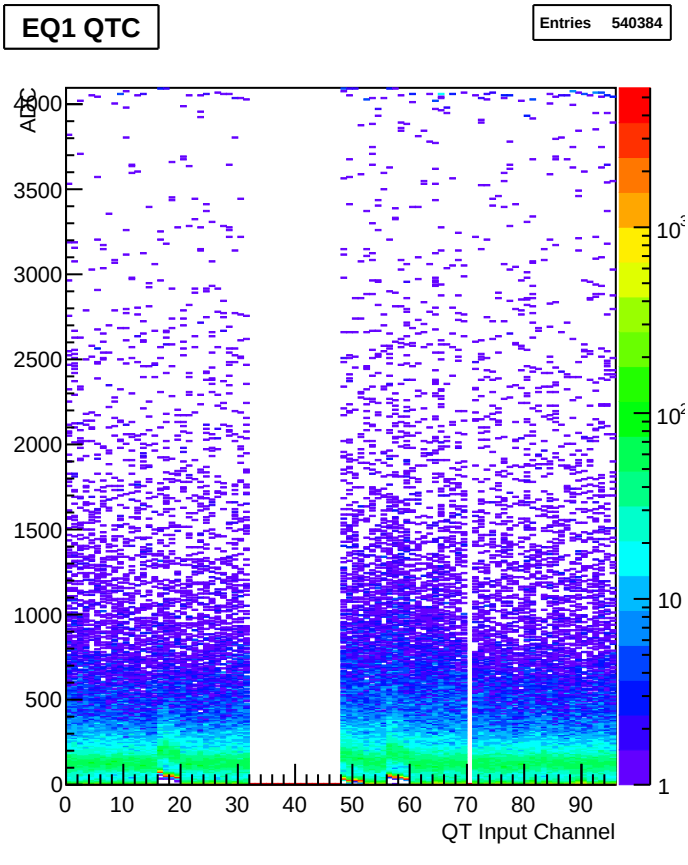

BBQ-VP001 East
Entries 90064
TADC
QT Input Channel

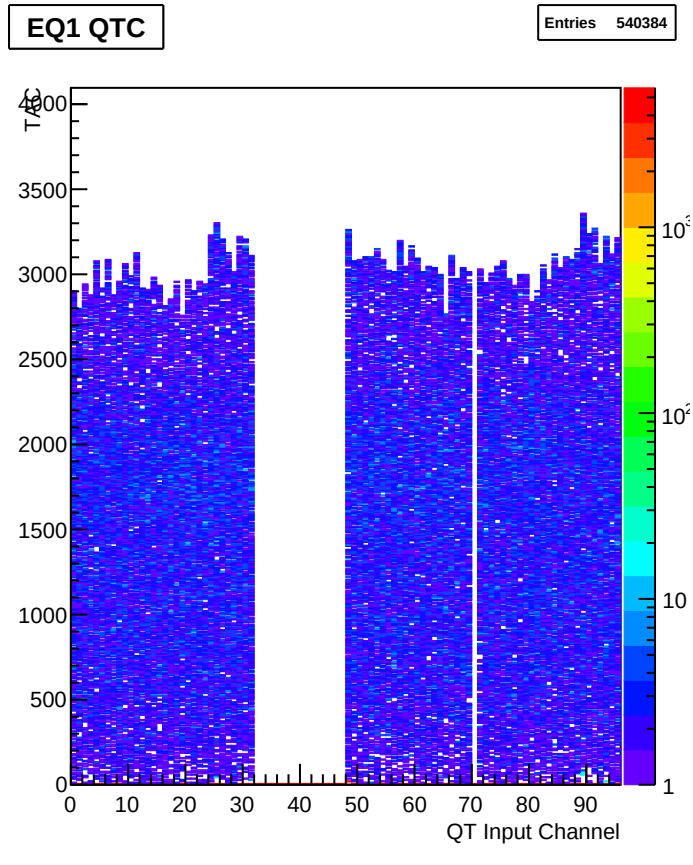

BBQ-VP002 West
Entries 90064
ADC
QT Input Channel

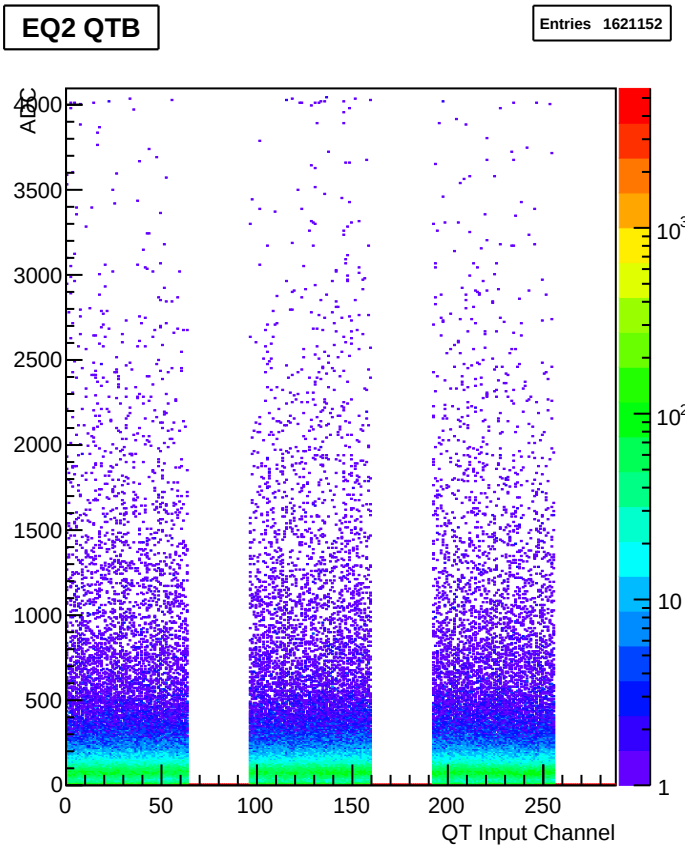

BBQ-VP002 West
Entries 90064
TADC
QT Input Channel

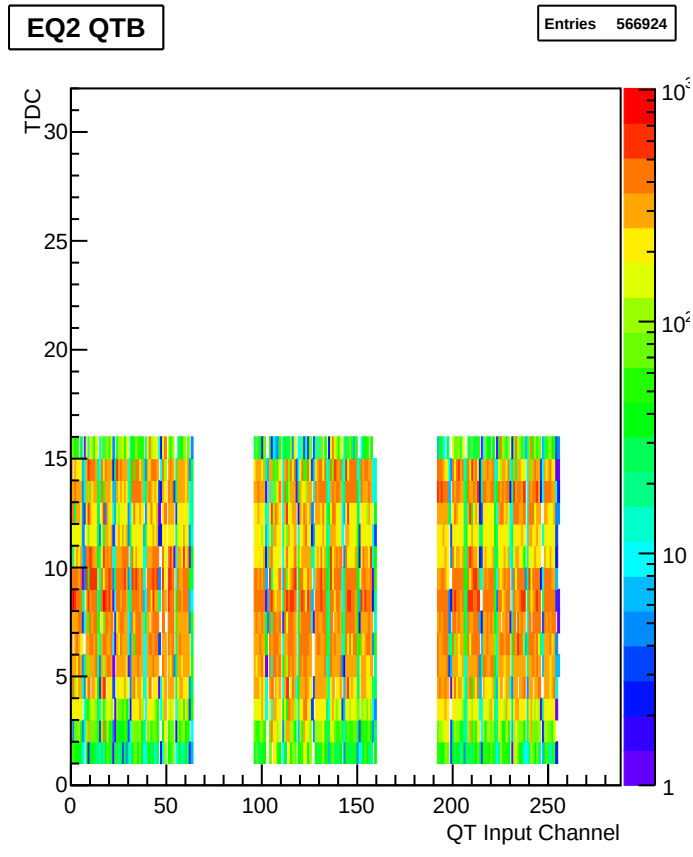

EQ1 QTB
Entries 1621152
ADC
QT Input Channel

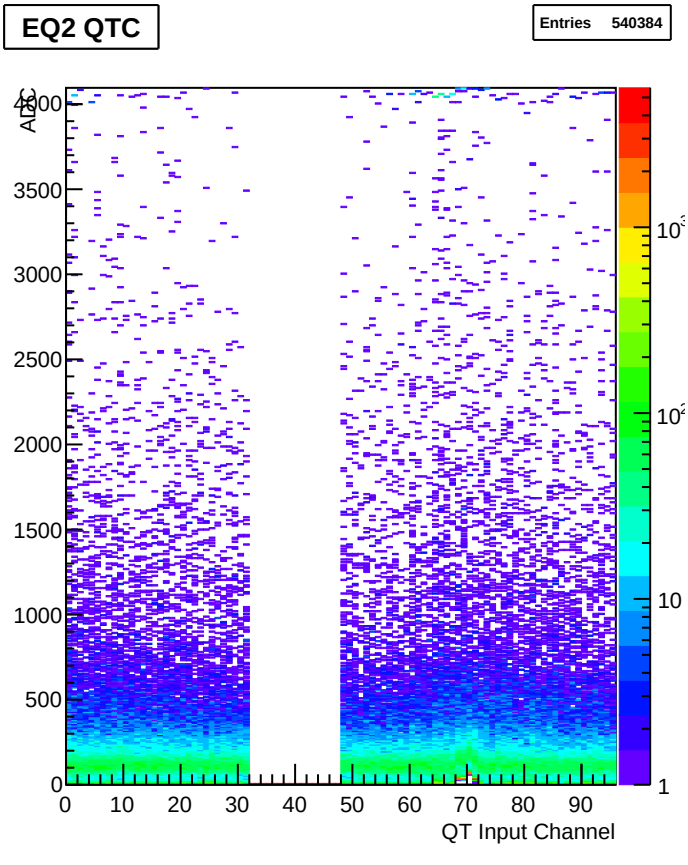

EQ1 QTB
Entries 523790
TDC
QT Input Channel

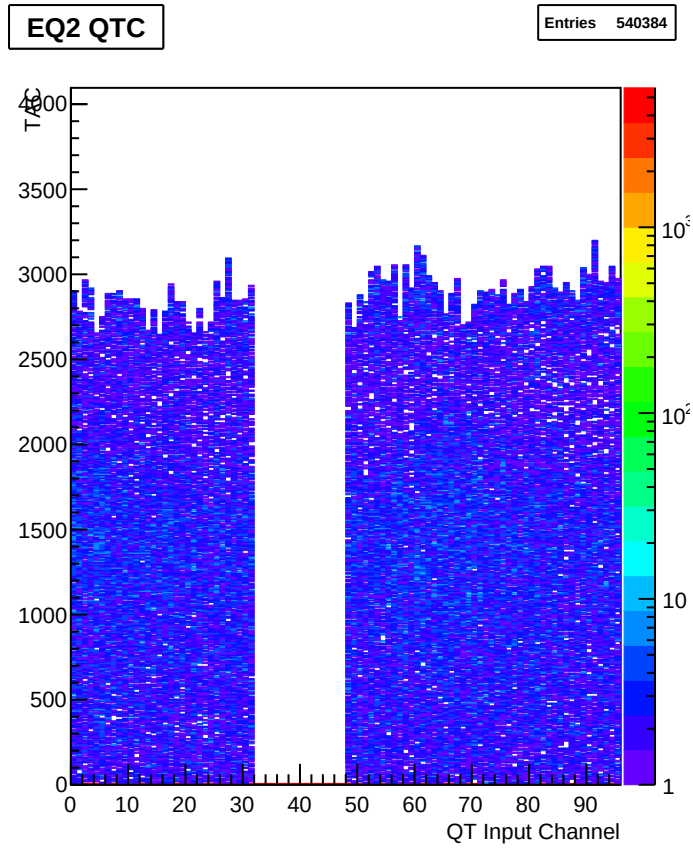

EQ1 QTC
Entries 540384
ADC
QT Input Channel

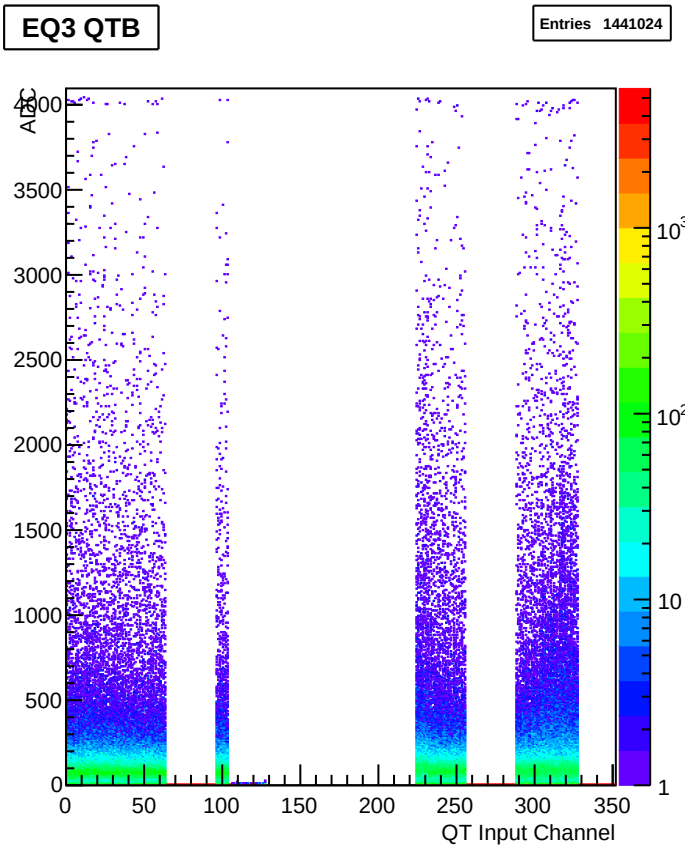

EQ1 QTC
Entries 540384
TADC
QT Input Channel

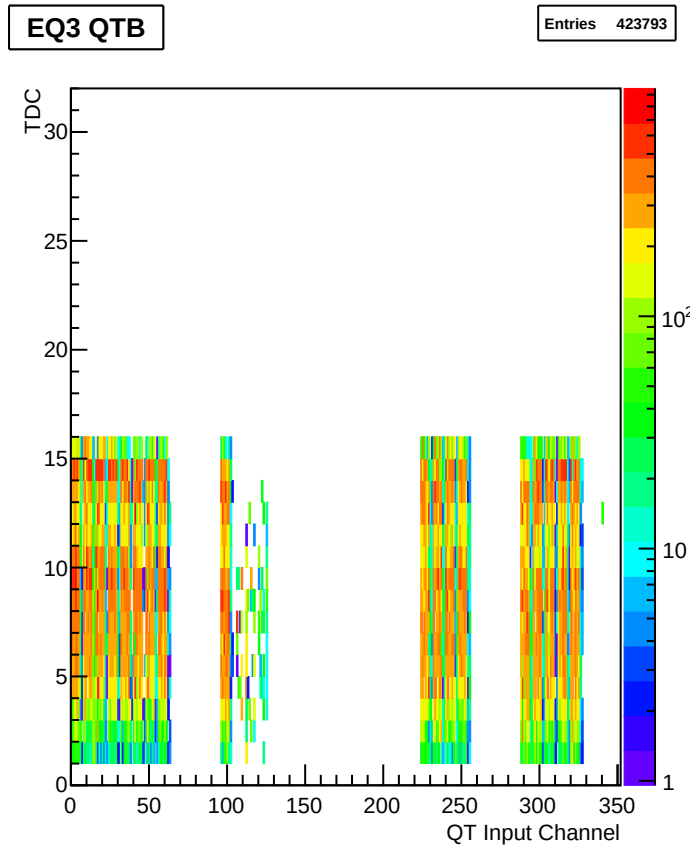

EQ2 QTB
Entries 1621152
ADC
QT Input Channel

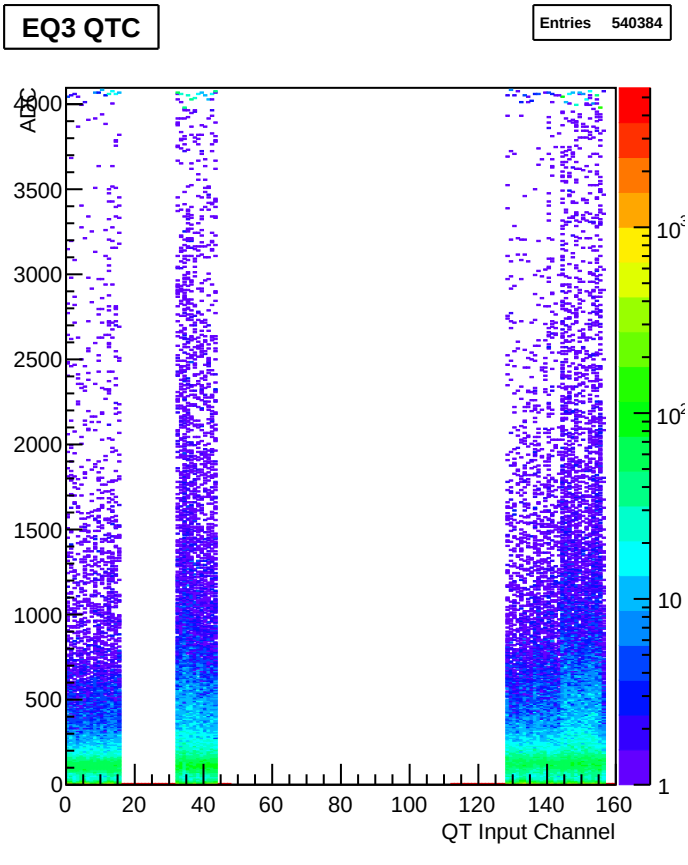

EQ2 QTB
Entries 566924
TDC
QT Input Channel

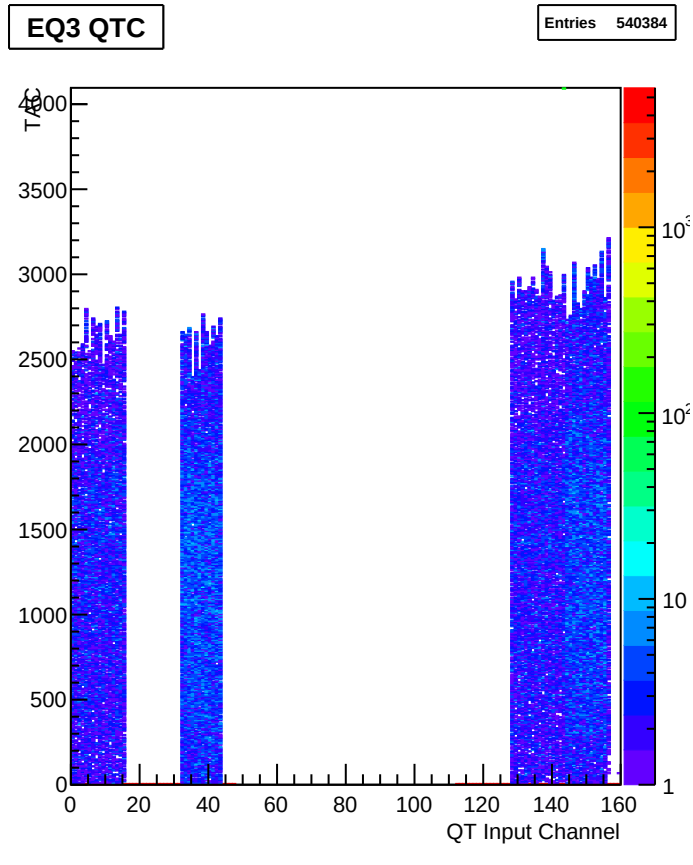

EQ2 QTC
Entries 540384
ADC
QT Input Channel

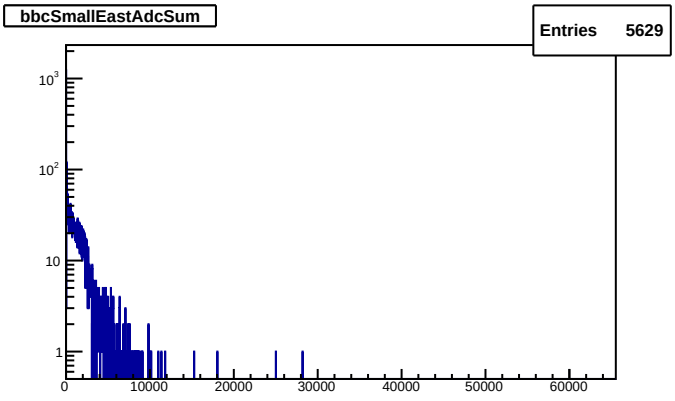

EQ2 QTC
Entries 540384
TADC
QT Input Channel

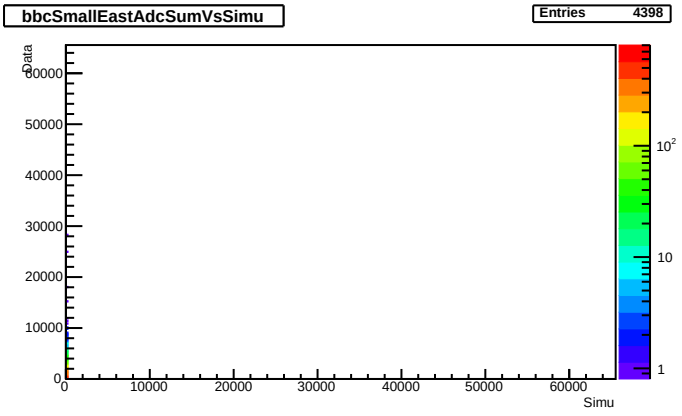

EQ3 QTB
Entries 1441024
ADC
QT Input Channel

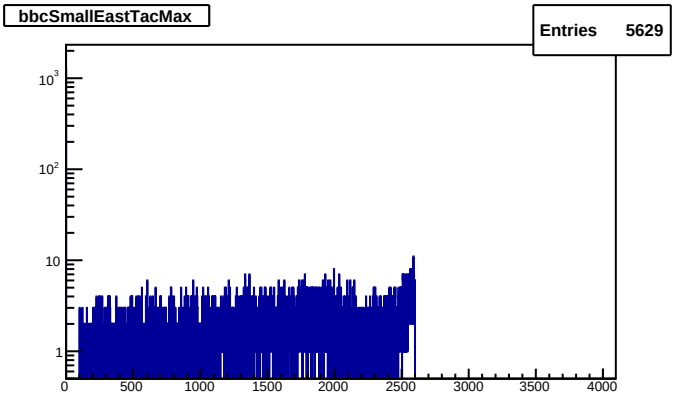

EQ3 QTB
Entries 423793
TDC
QT Input Channel

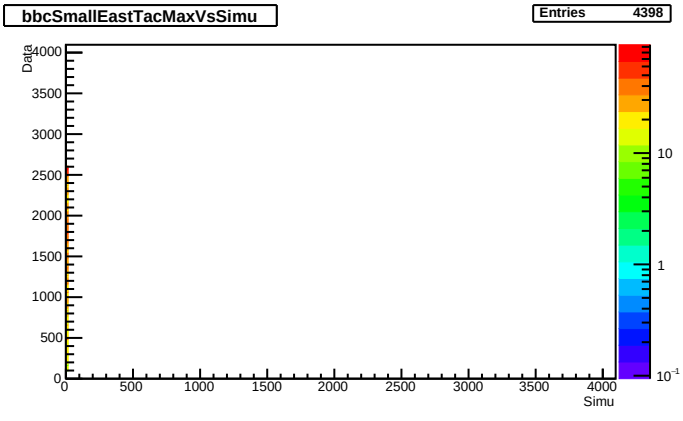

EQ3 QTC
Entries 540384
ADC
QT Input Channel

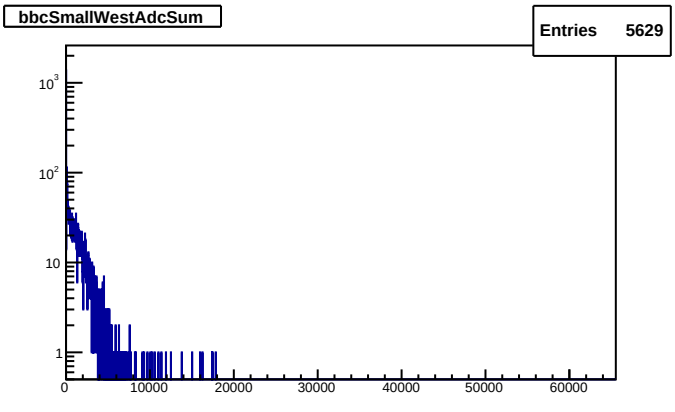

EQ3 QTC
Entries 540384
TADC
QT Input Channel

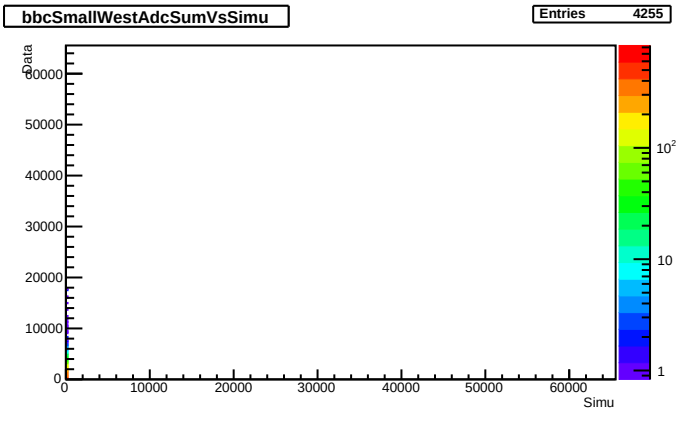

bbcSmallEastAdcSum
Entries 5629

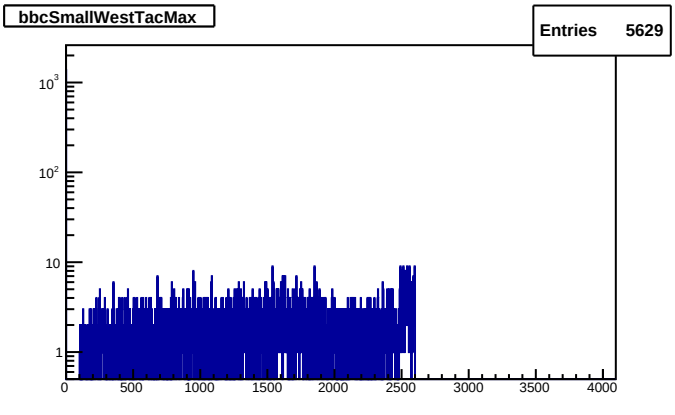

bbcSmallEastAdcSumVsSimu
Entries 4398
Data
Simu

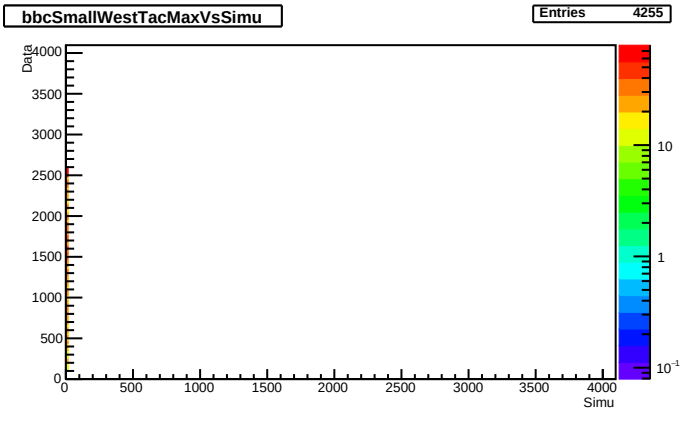

bbcSmallEastTacMax
Entries 5629

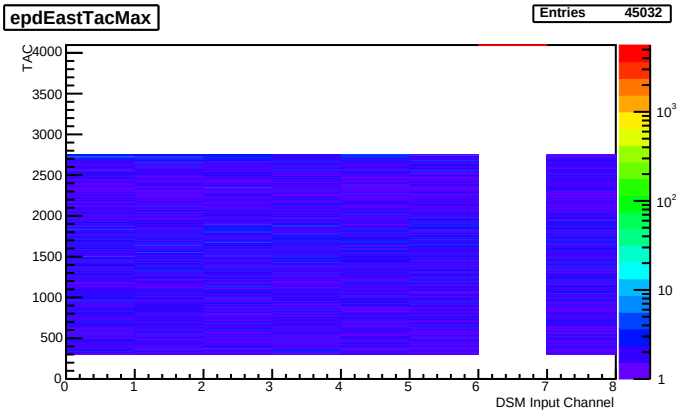

bbcSmallEastTacMaxVsSimu
Entries 4398
Data
Simu

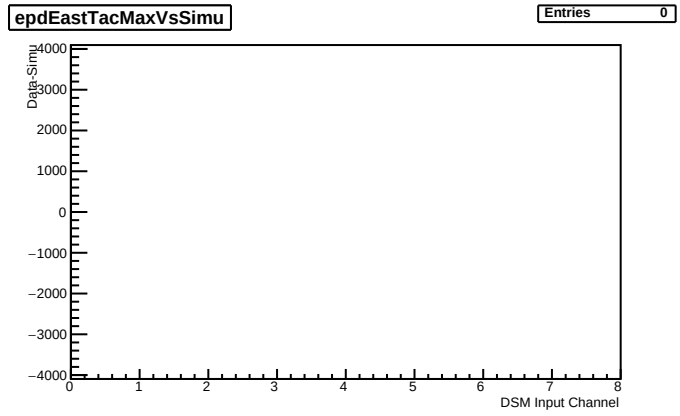

bbcSmallWestAdcSum
Entries 5629

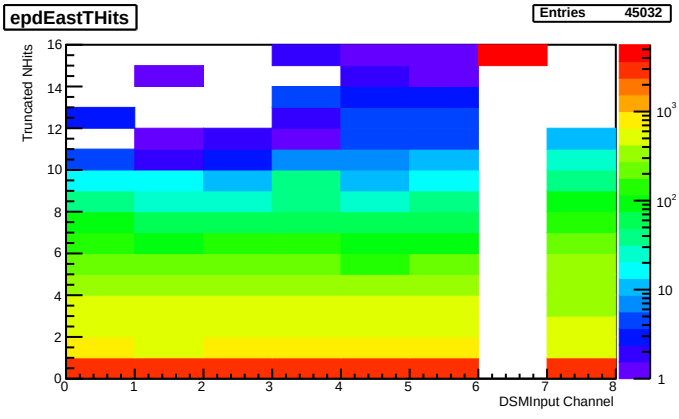

bbcSmallWestAdcSumVsSimu
Entries 4255
Data
Simu

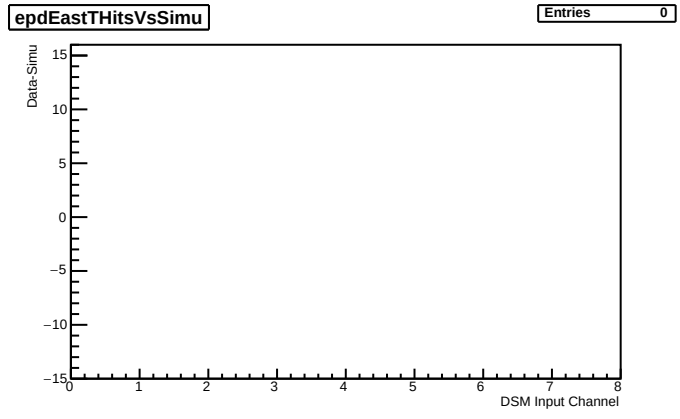

bbcSmallWestTacMax
Entries 5629

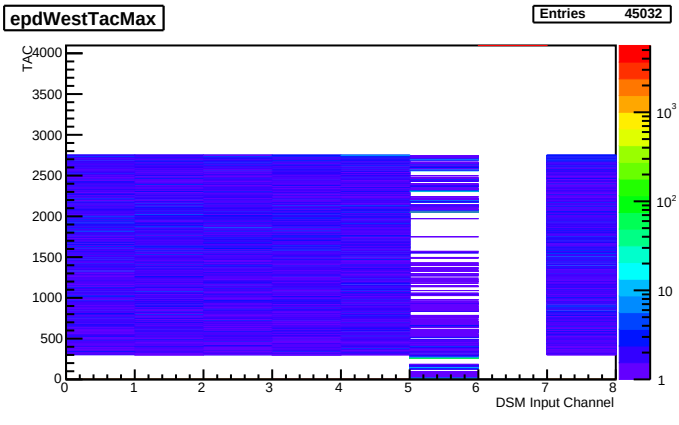

bbcSmallWestTacMaxVsSimu
Entries 4255
Data
Simu

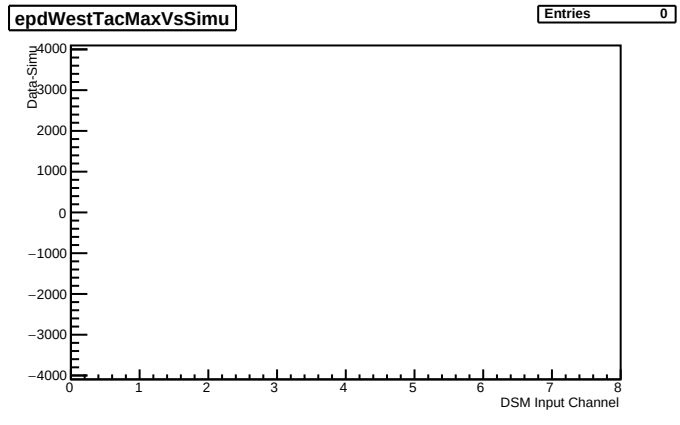

epdEastTacMax
Entries 45032
TAC
DSM Input Channel

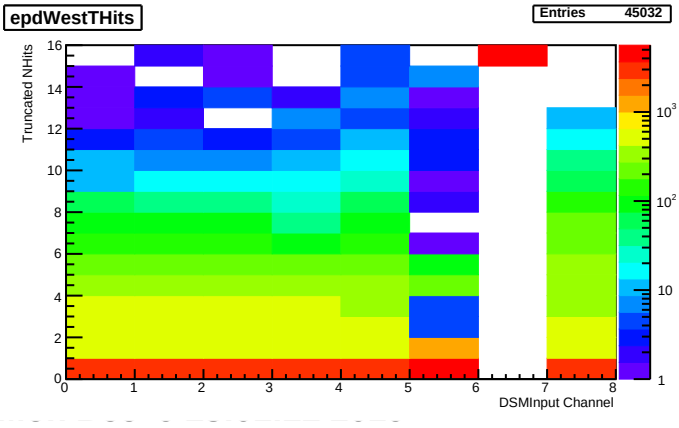

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

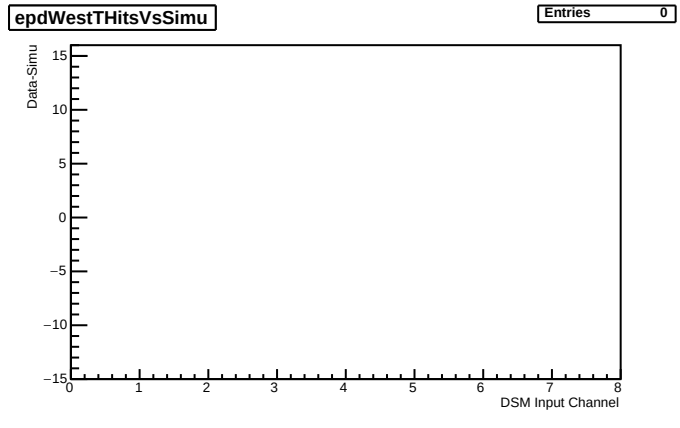

epdEastTHits
Entries 45032
Truncated NHits
DSMInput Channel

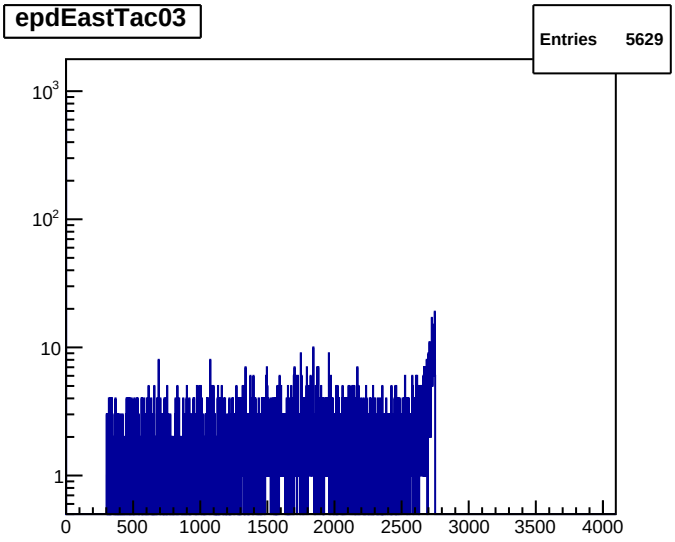

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

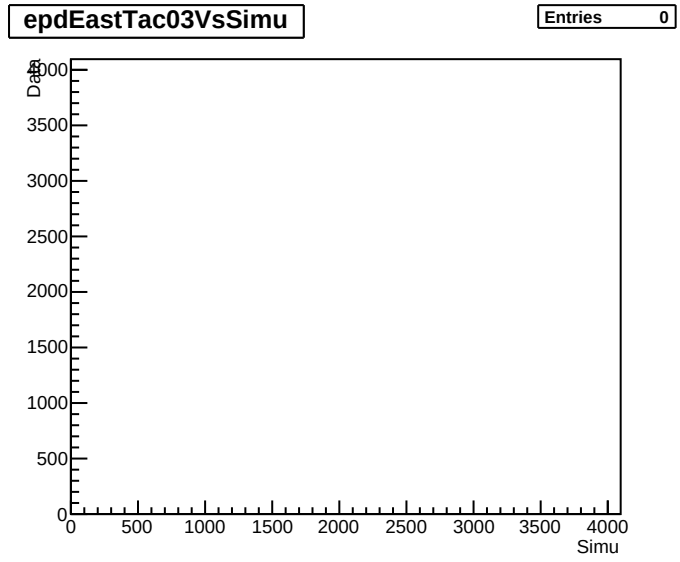

epdWestTacMax
Entries 45032
TAC
DSM Input Channel

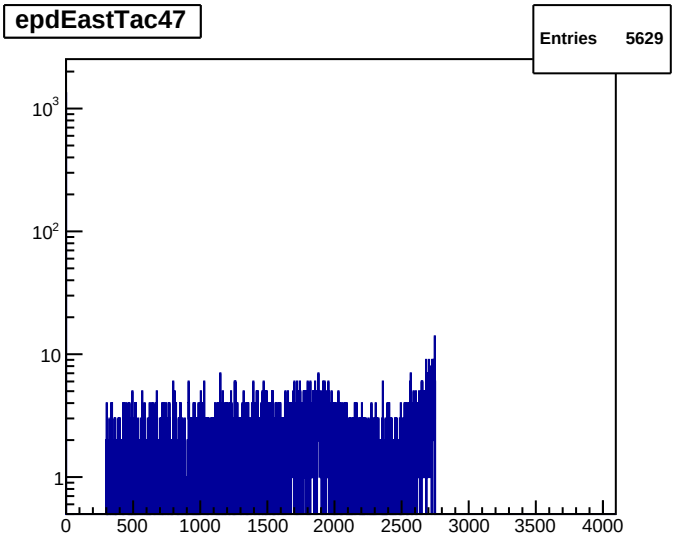

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

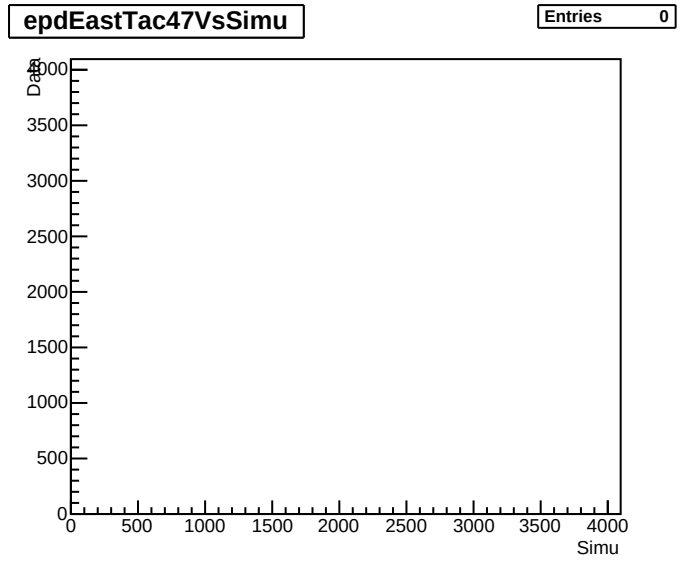

epdWestTHits
Entries 45032
Truncated NHits
DSMInput Channel

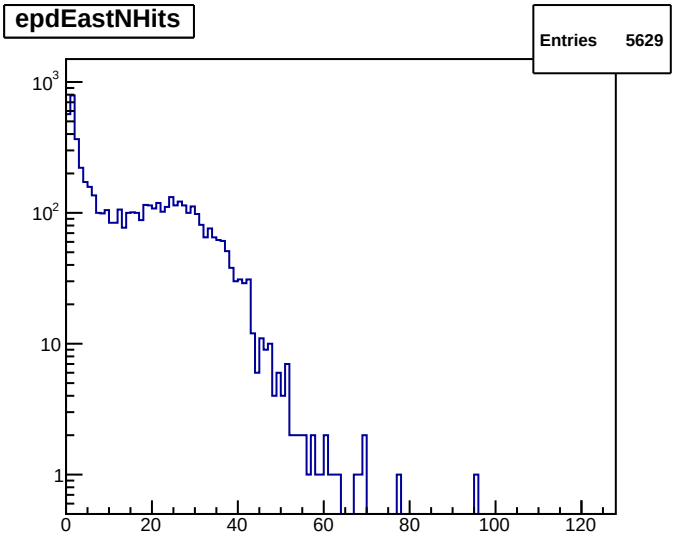

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

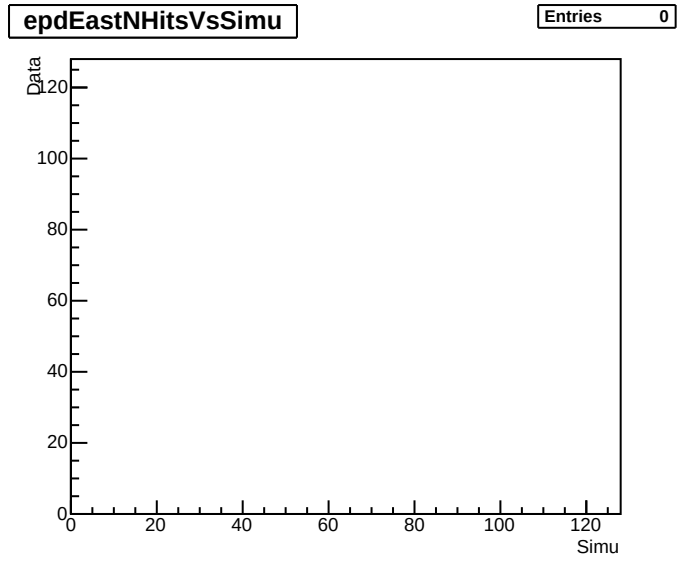

epdEastTac03
Entries 5629

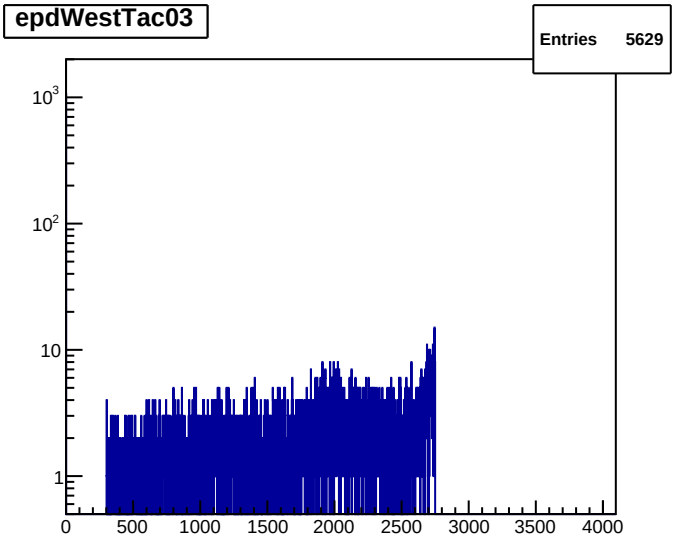

epdEastTac03VsSimu
Entries 0
Data
Simu

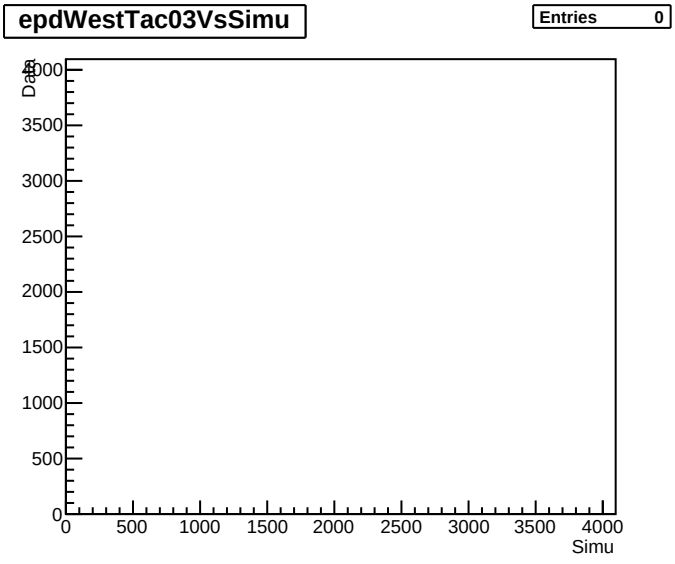

epdEastTac47
Entries 5629

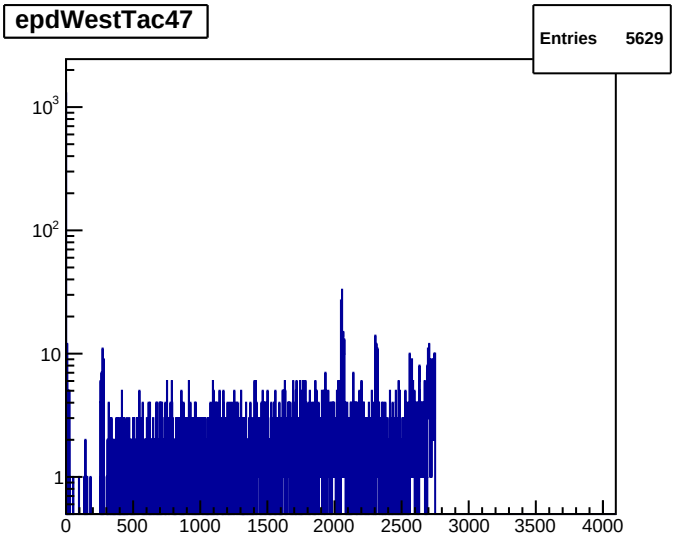

epdEastTac47VsSimu
Entries 0
Data
Simu

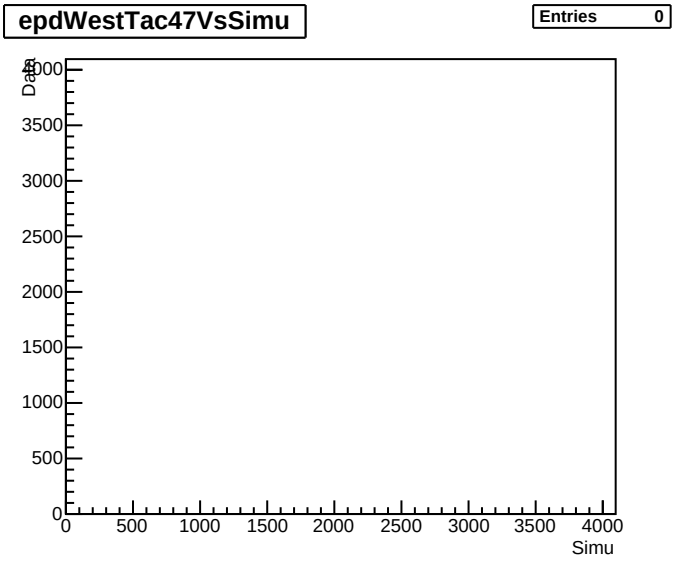

epdEastNHits
Entries 5629

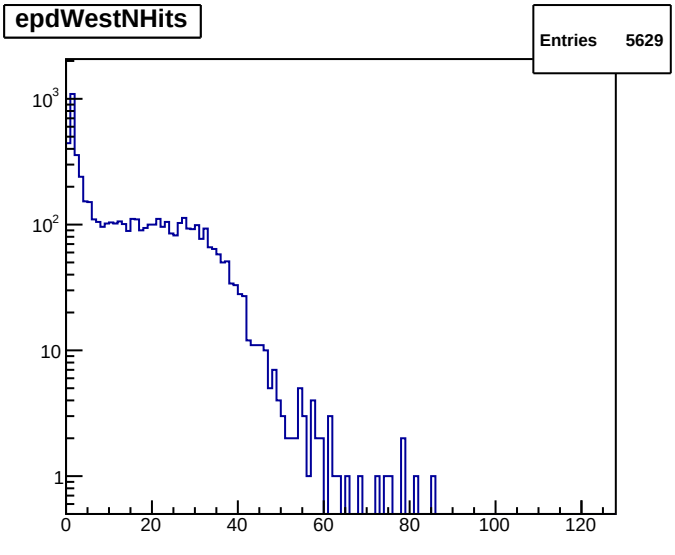

epdEastNHitsVsSimu
Entries 0
Data
Simu

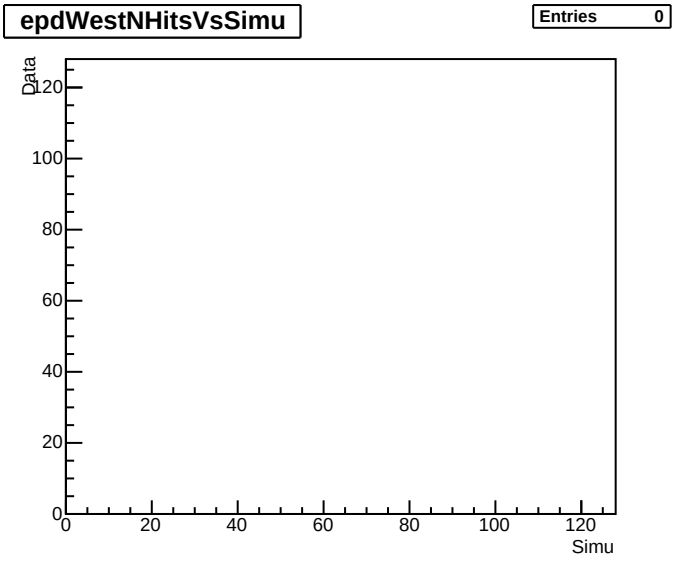

epdWestTac03
Entries 5629

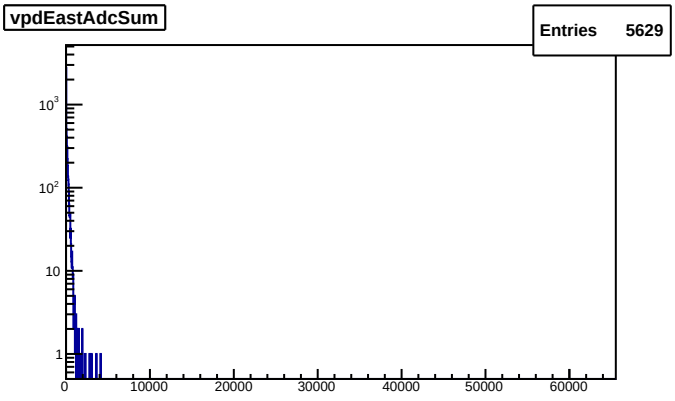

epdWestTac03VsSimu
Entries 0
Data
Simu

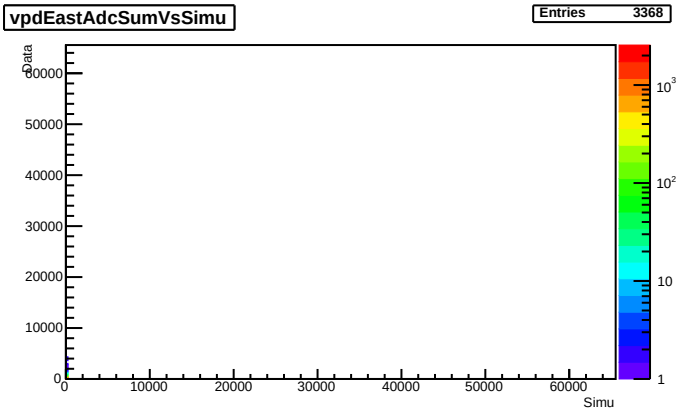

epdWestTac47
Entries 5629

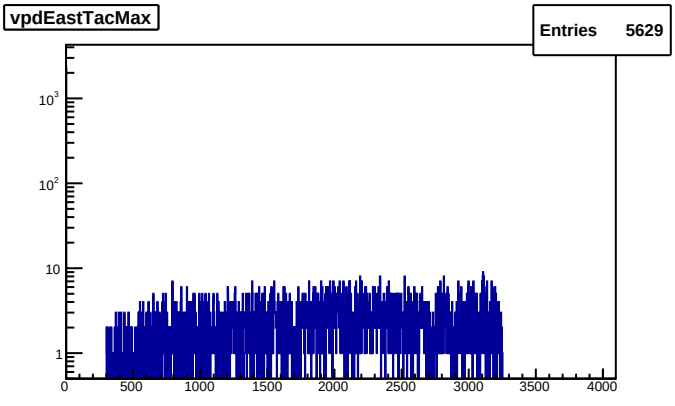

epdWestTac47VsSimu
Entries 0
Data
Simu

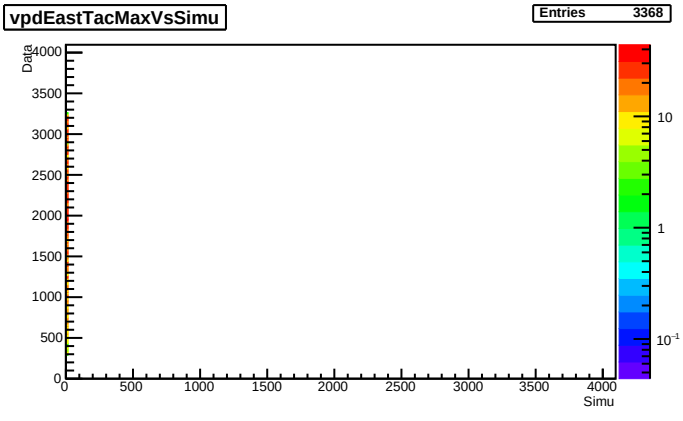

epdWestNHits
Entries 5629

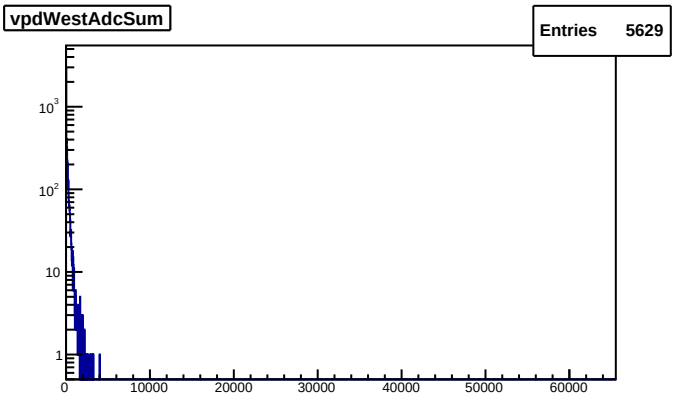

epdWestNHitsVsSimu
Entries 0
Data
Simu

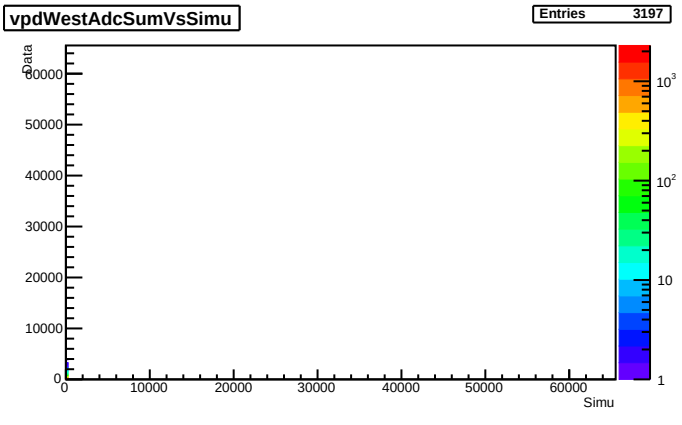

vpdEastAdcSum
Entries 5629

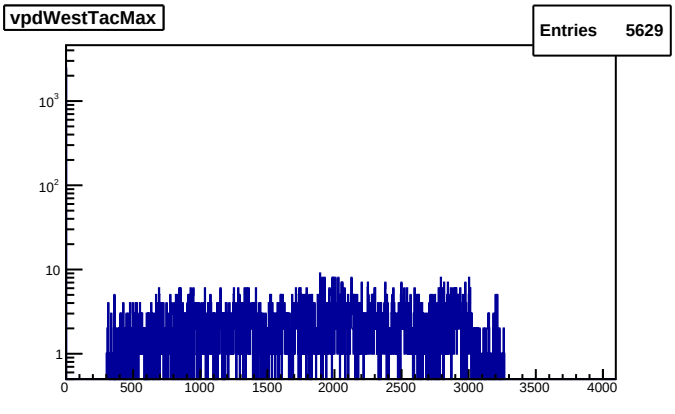

vpdEastAdcSumVsSimu
Entries 3368
Data
Simu

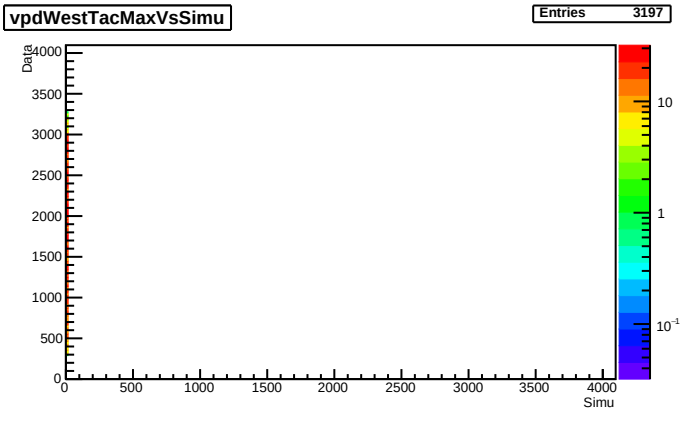

vpdEastTacMax
Entries 5629

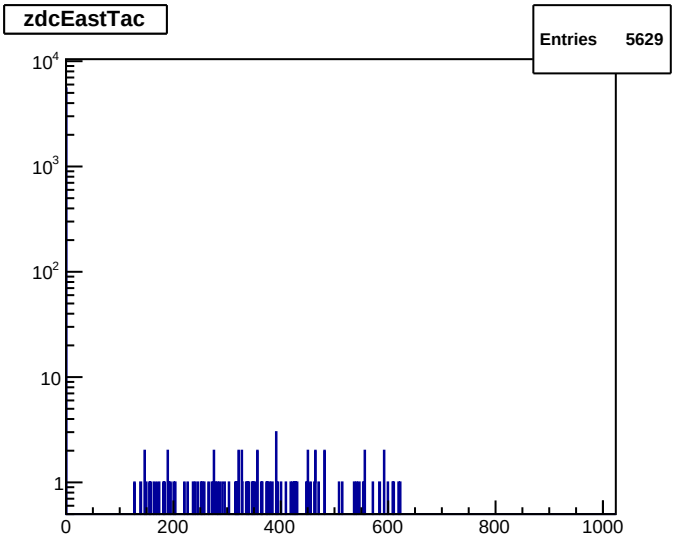

vpdEastTacMaxVsSimu
Entries 3368
Data
Simu

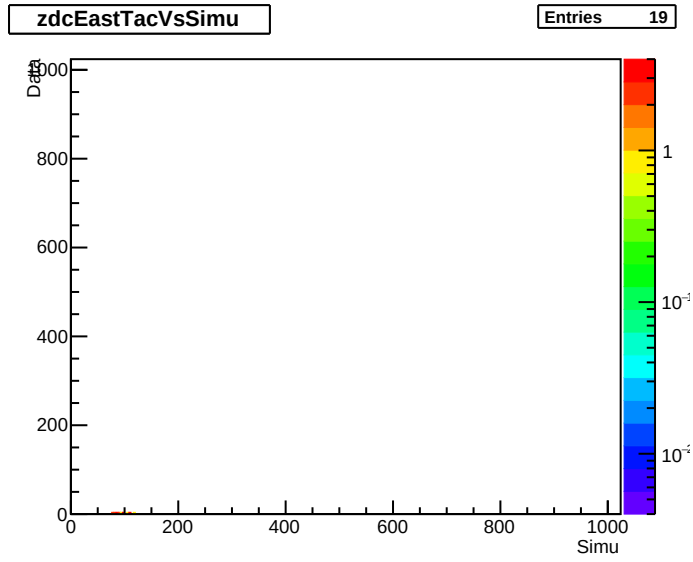

vpdWestAdcSum
Entries 5629

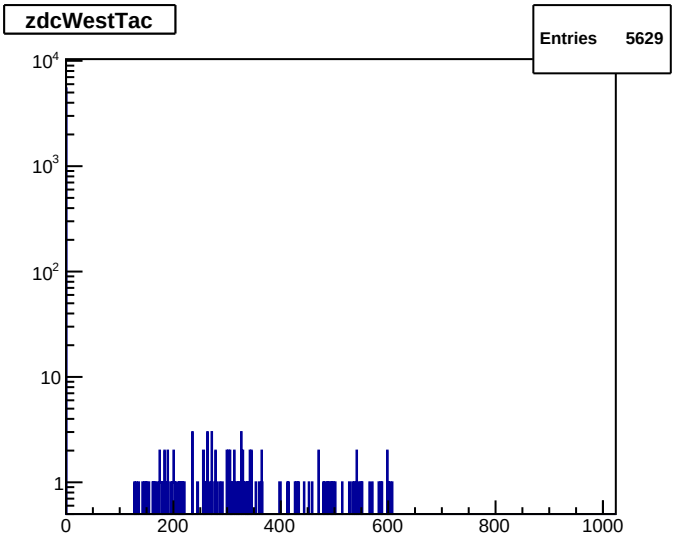

vpdWestAdcSumVsSimu
Entries 3197
Data
Simu

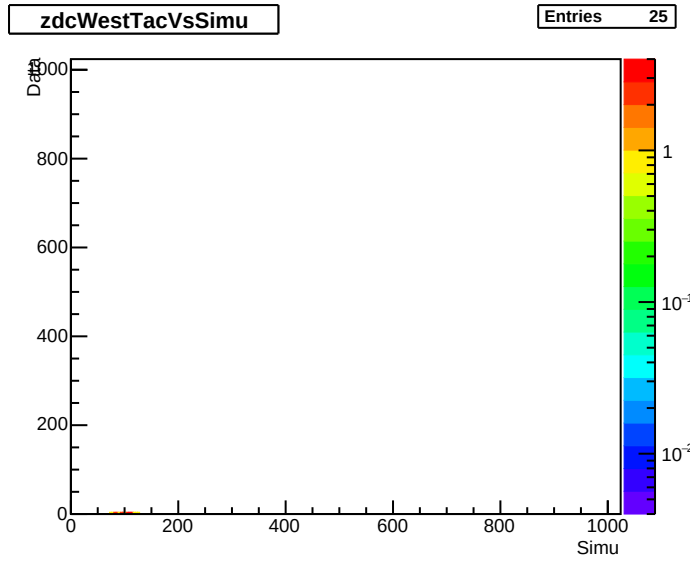

vpdWestTacMax
Entries 5629

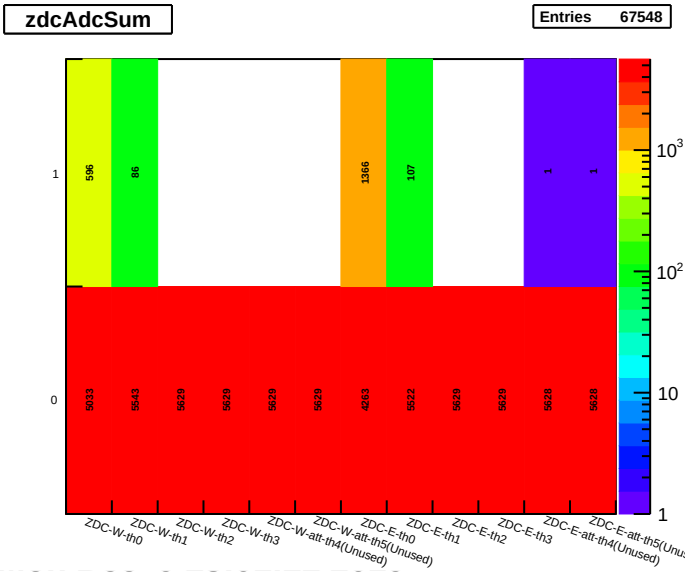

vpdWestTacMaxVsSimu
Entries 3197
Data
Simu

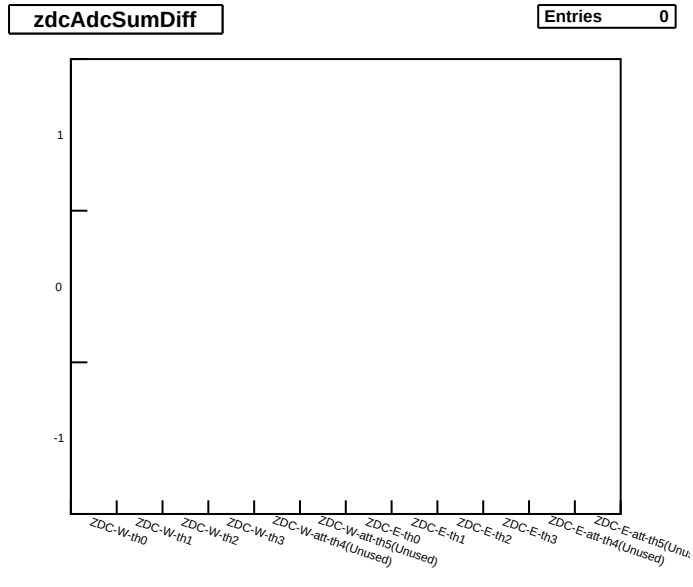

zdcEastTac
Entries 5629

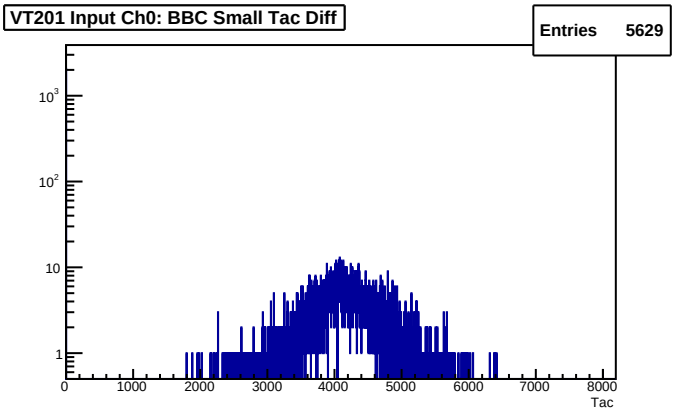

zdcEastTacVsSimu
Entries 19
Data
Simu

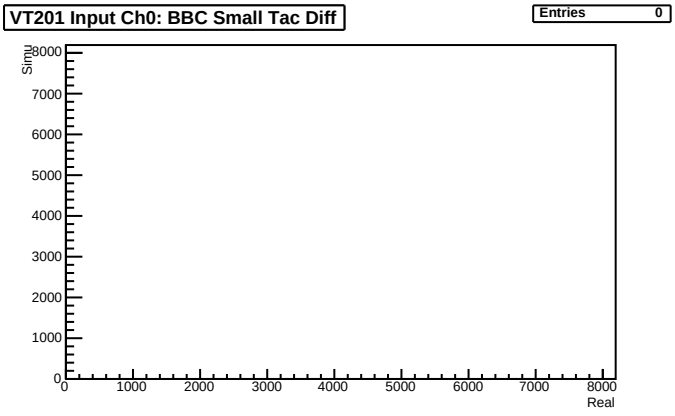

zdcWestTac
Entries 5629

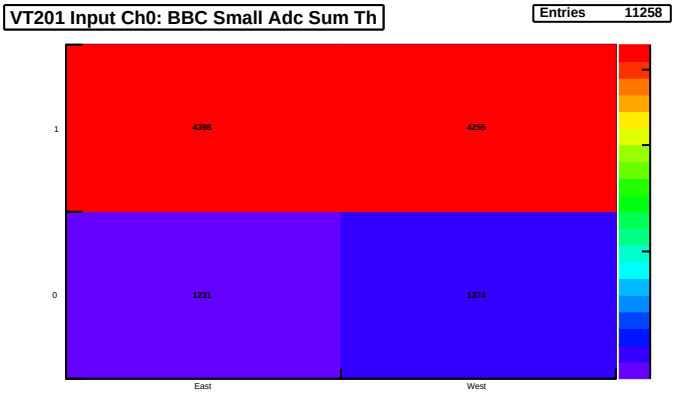

zdcWestTacVsSimu
Entries 25
Data
Simu

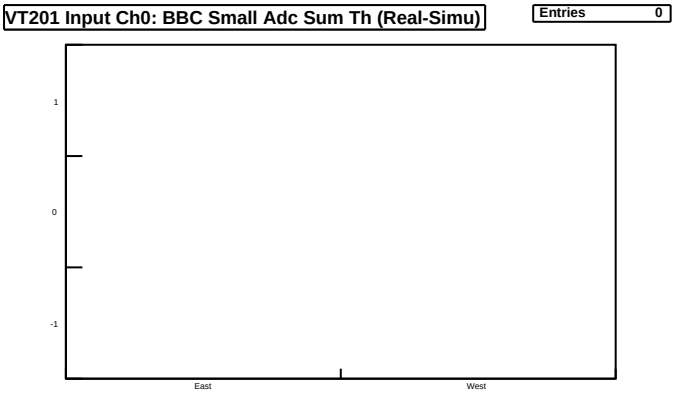

zdcAdcSum
Entries 67548
596
86
1366
107
1
1
5033
5543
5629
5629
5629
5629
4263
5522
5629
5629
5628
5628
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

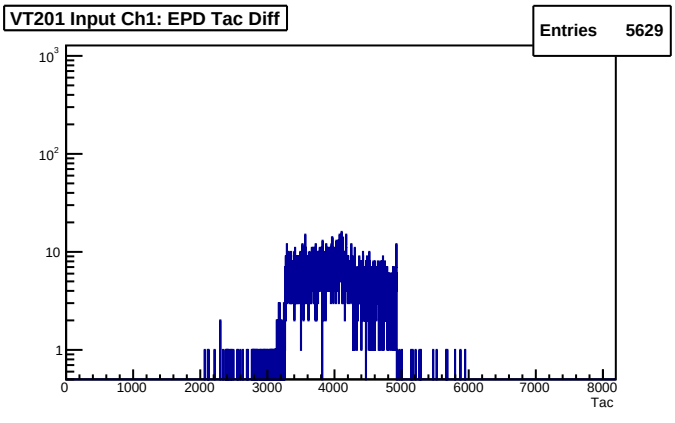

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

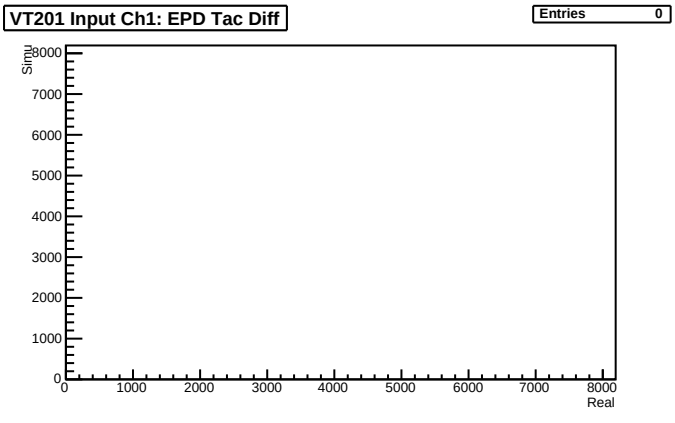

VT201 Input Ch0: BBC Small Tac Diff
Entries 5629
Tac

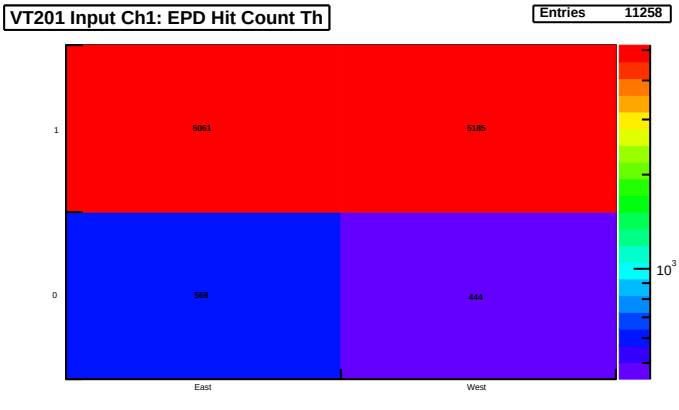

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

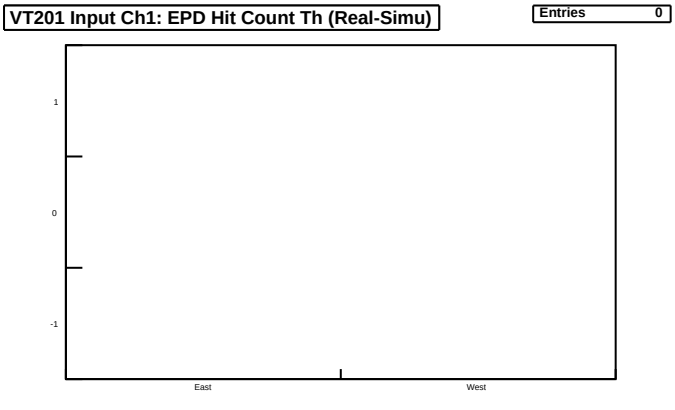

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 11258
4398
4255
1231
1374
East
West

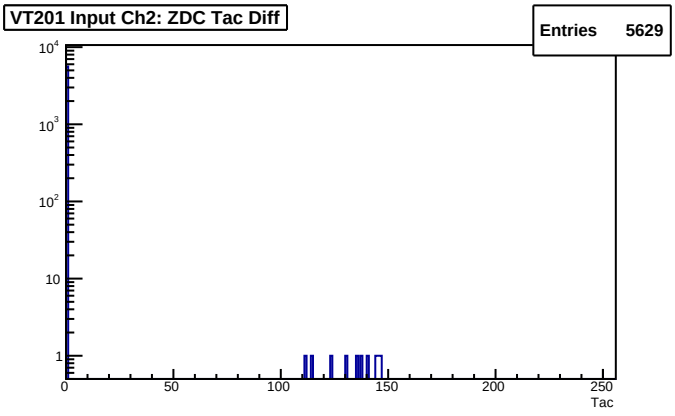

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

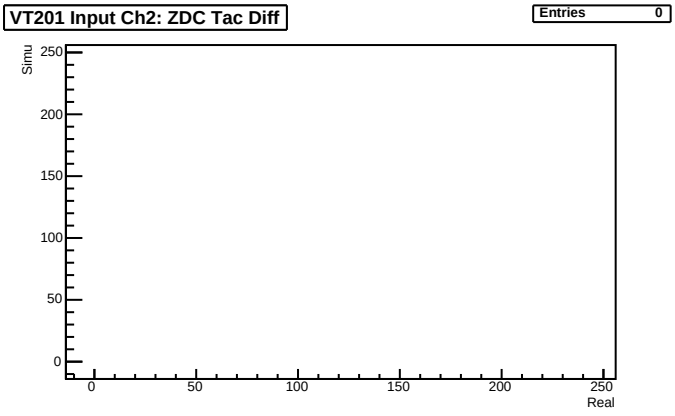

VT201 Input Ch1: EPD Tac Diff
Entries 5629
Tac

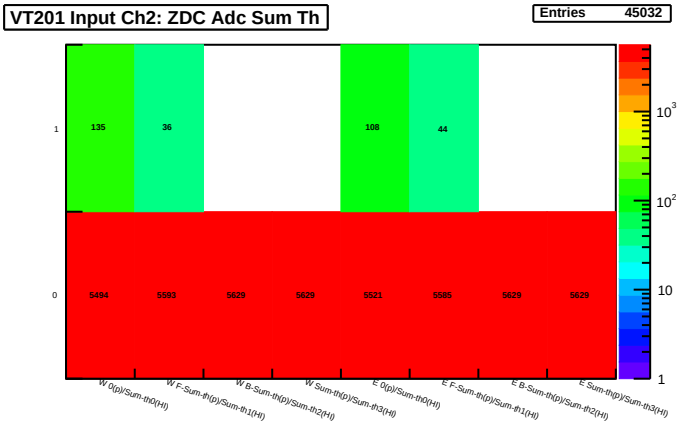

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

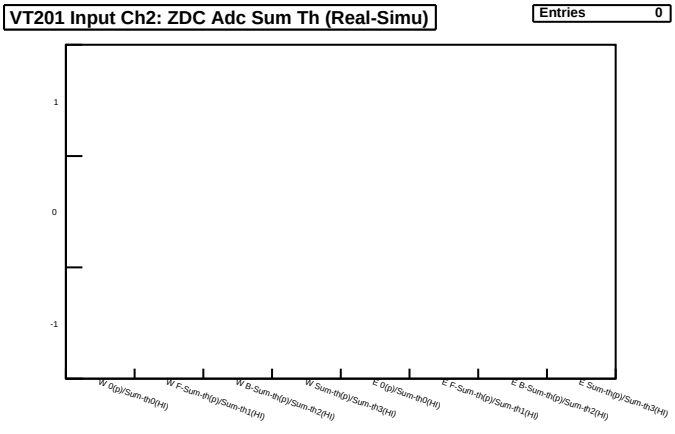

VT201 Input Ch1: EPD Hit Count Th
Entries 11258
5061
5185
568
444
East
West

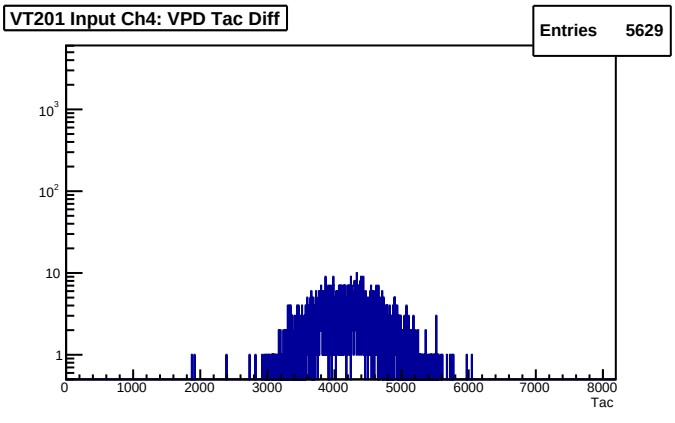

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

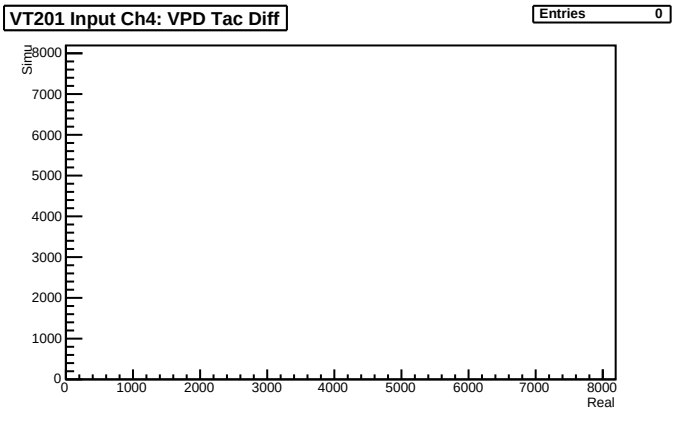

VT201 Input Ch2: ZDC Tac Diff
Entries 5629
Tac

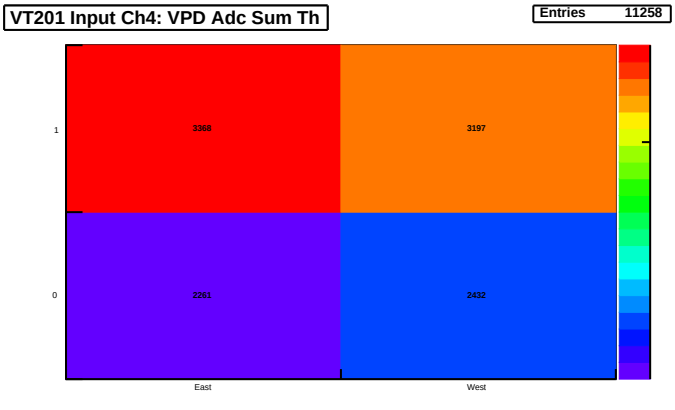

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

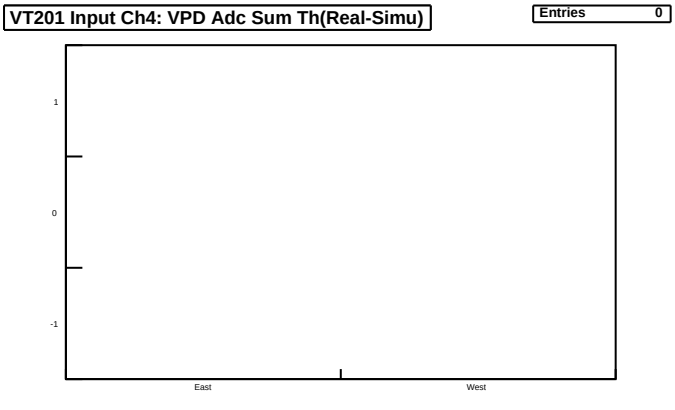

VT201 Input Ch2: ZDC Adc Sum Th
Entries 45032
135
36
108
44
5494
5593
5629
5629
5521
5585
5629
5629
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

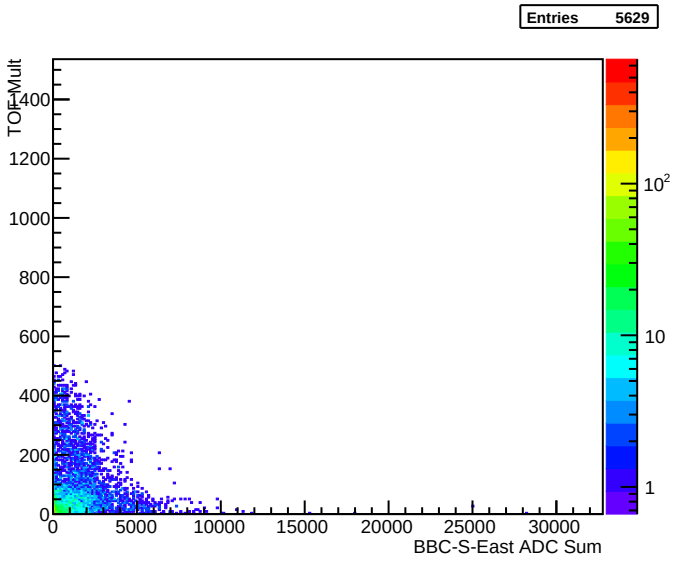

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

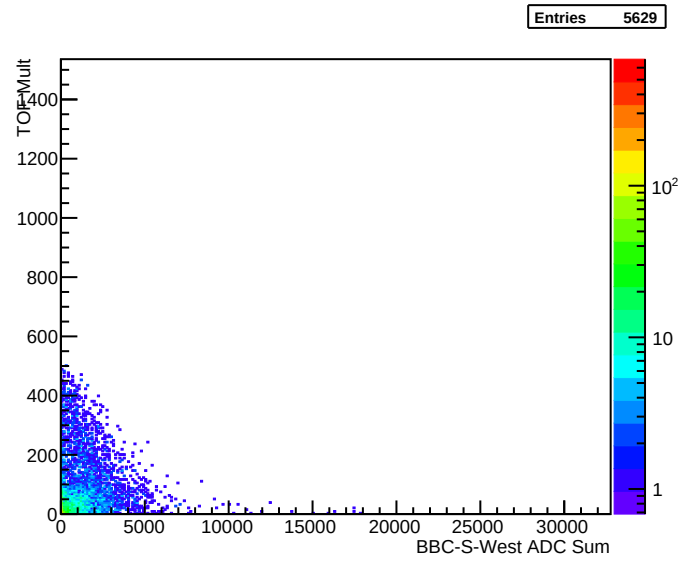

VT201 Input Ch4: VPD Tac Diff
Entries 5629
Tac

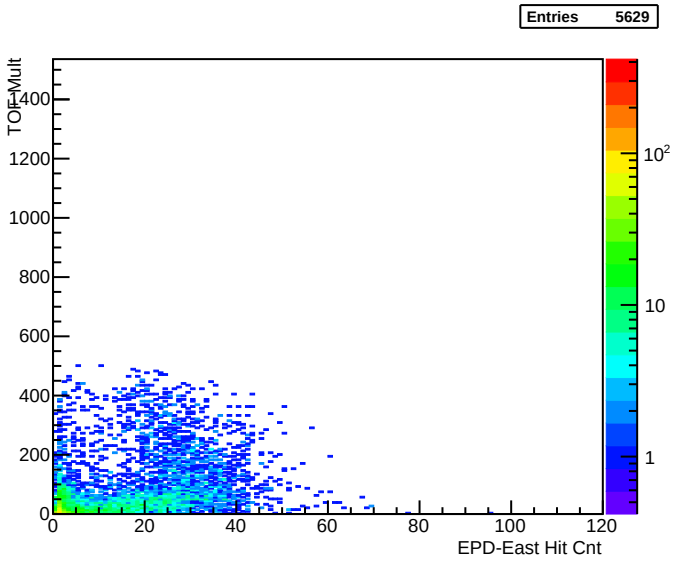

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

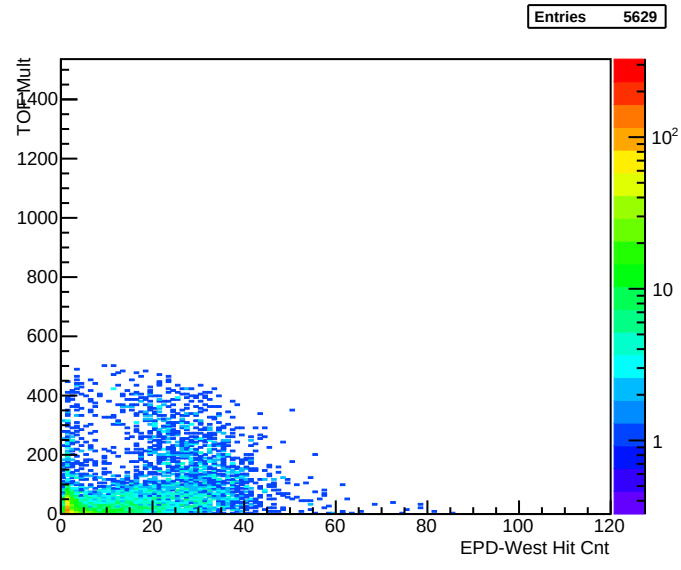

VT201 Input Ch4: VPD Adc Sum Th
Entries 11258
3388
3197
2261
2432
East
West

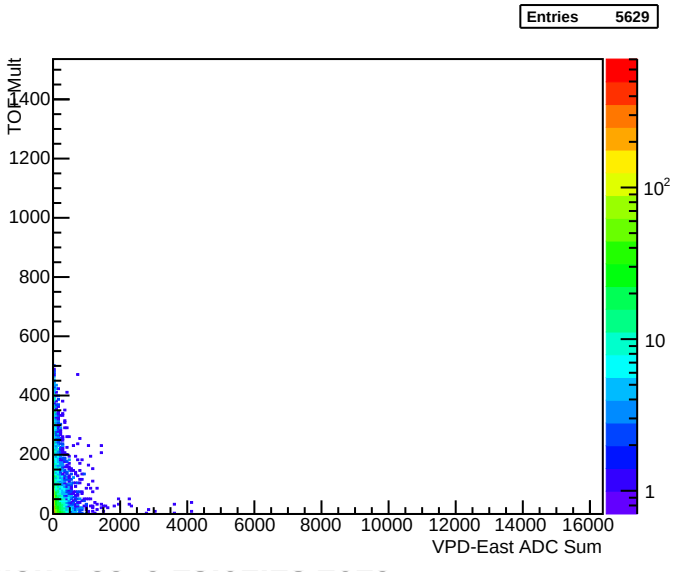

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

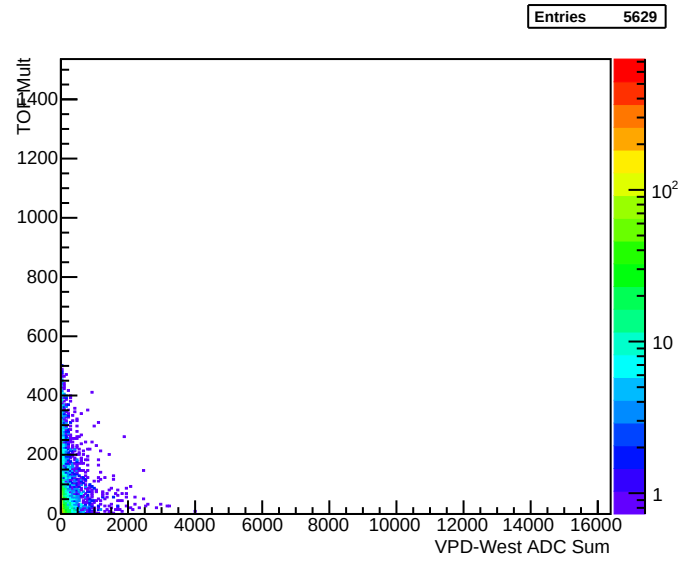

Entries 5629
TOF-Mult
BBC-S-East ADC Sum

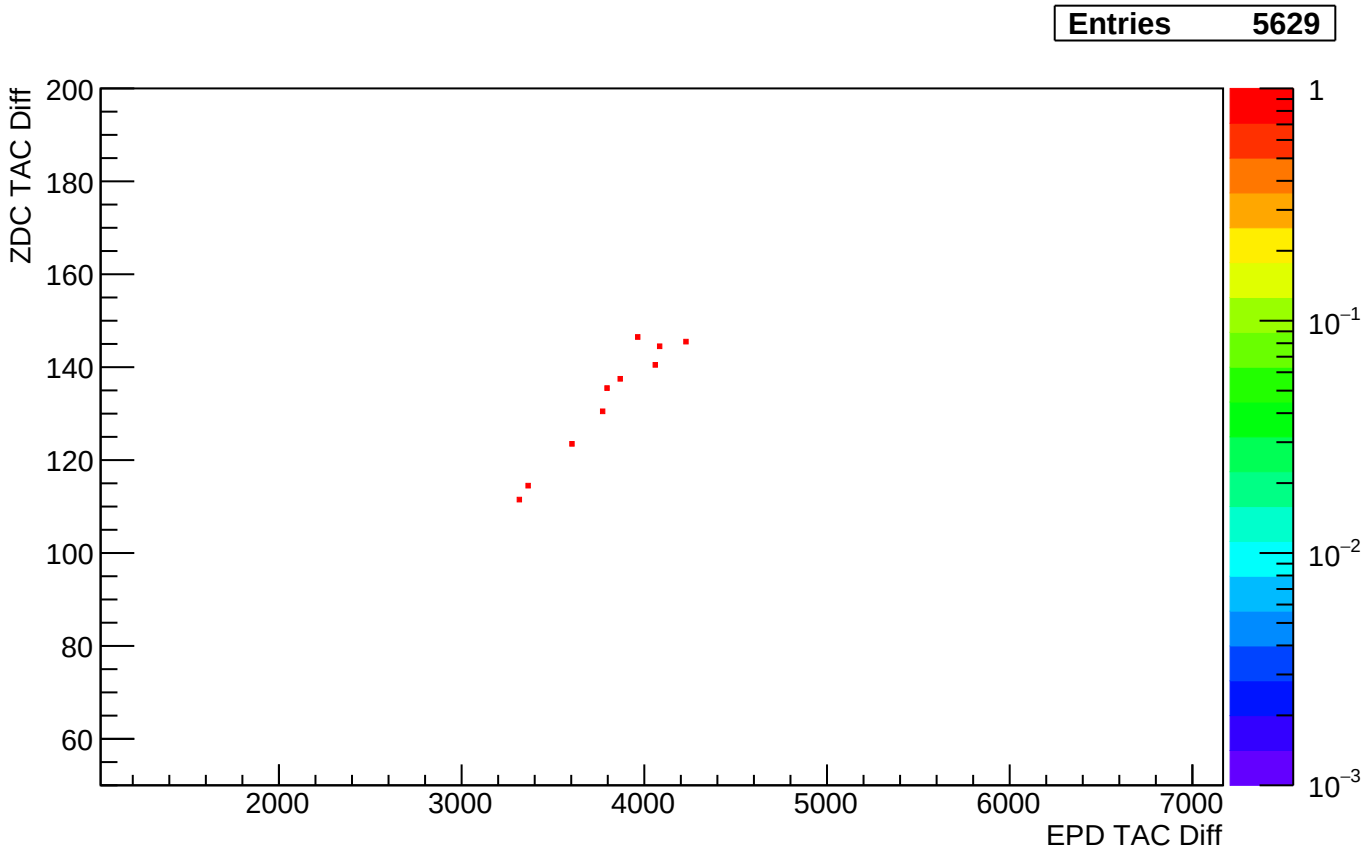

Entries 5629
TOF-Mult
BBC-S-West ADC Sum

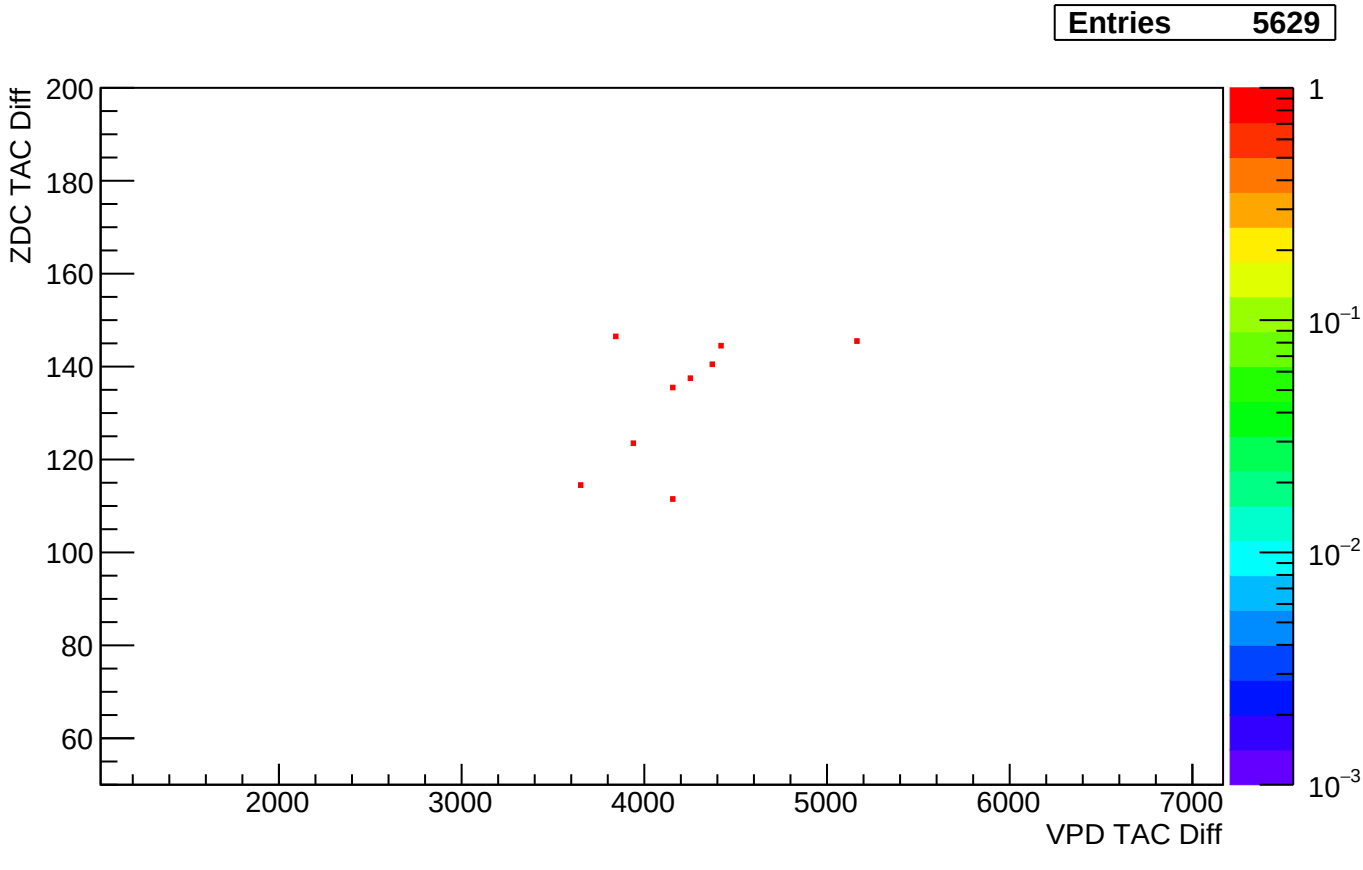

Entries 5629
TOF-Mult
EPD-East Hit Cnt

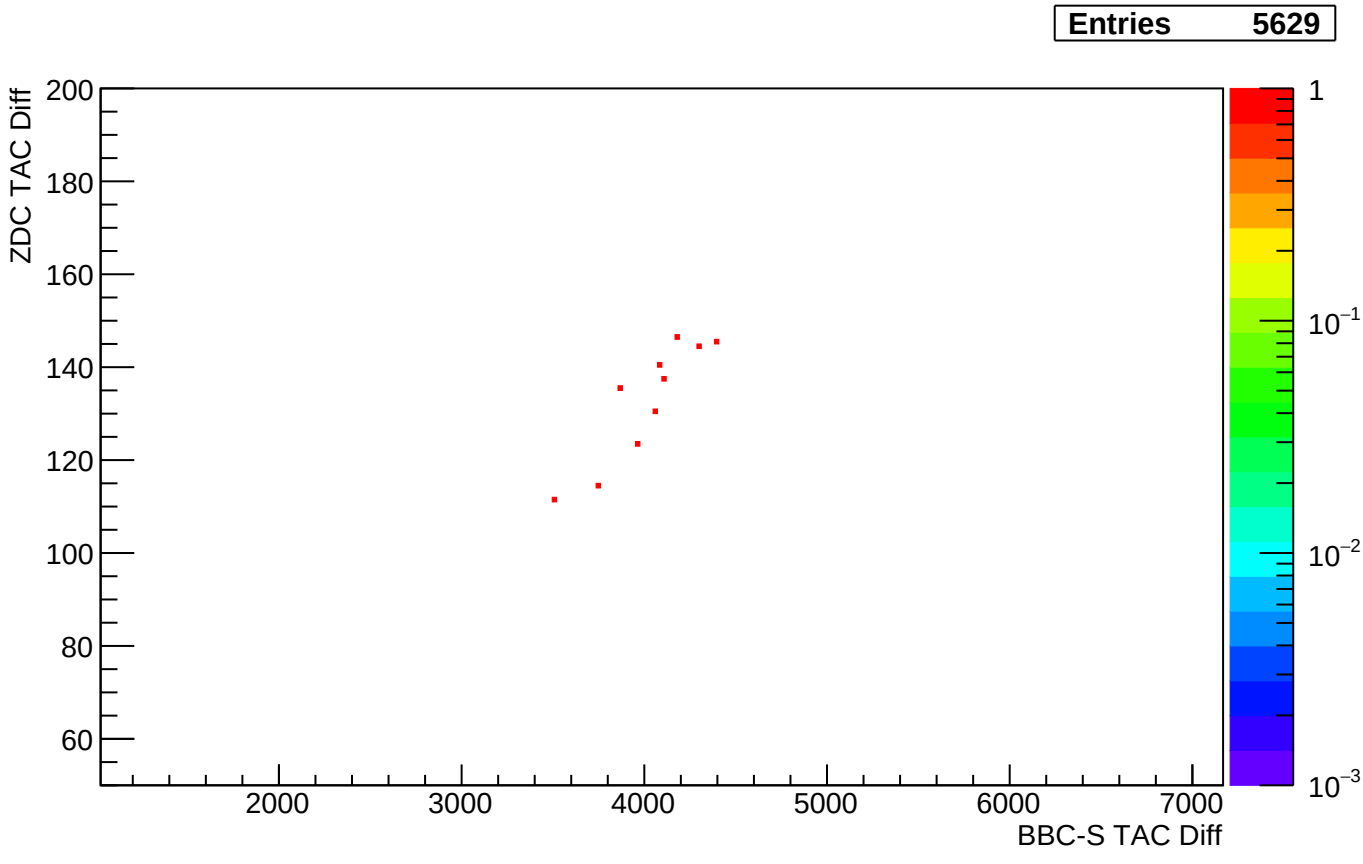

Entries 5629
TOF-Mult
EPD-West Hit Cnt

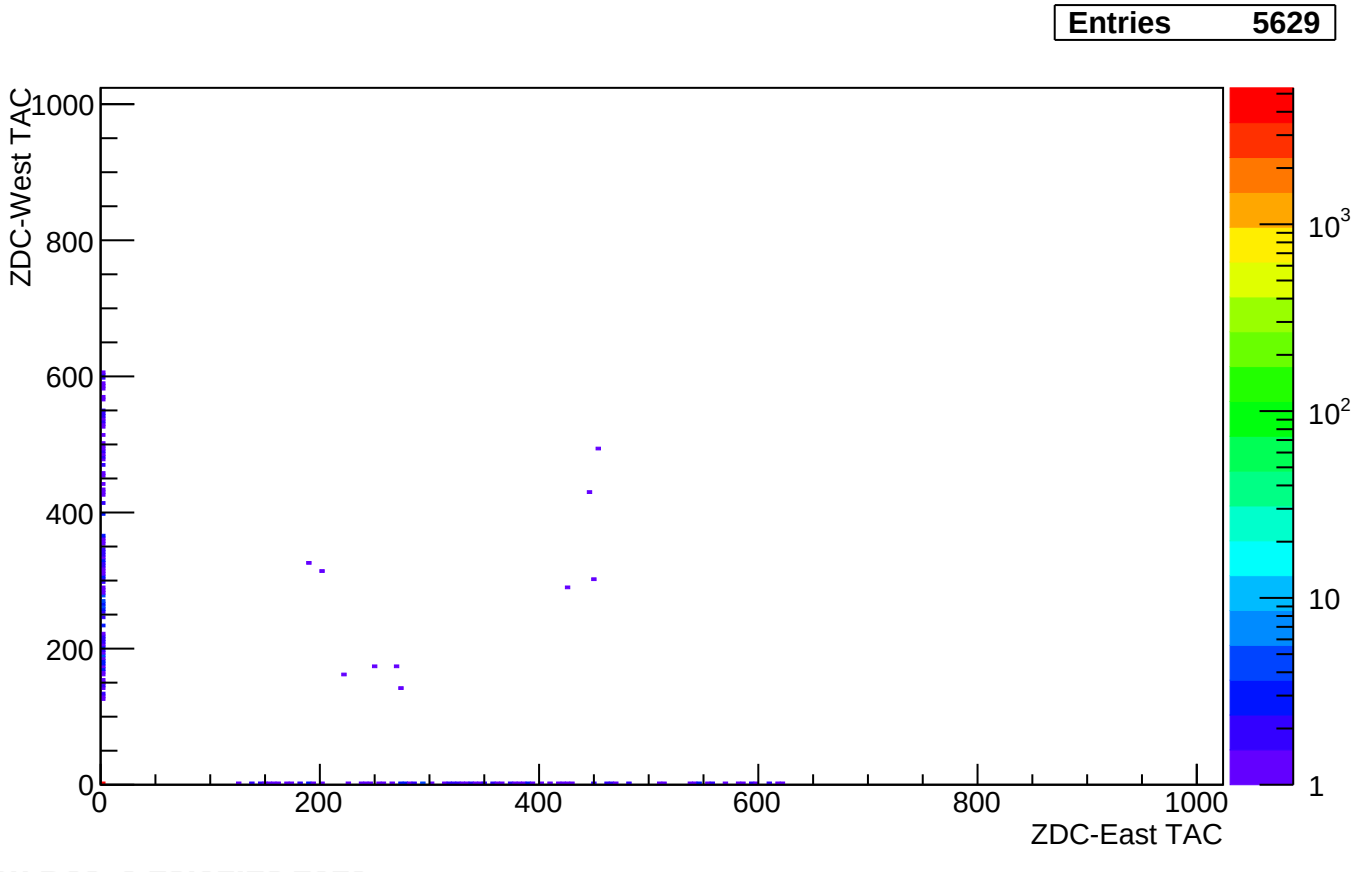

Entries 5629
TOF-Mult
VPD-East ADC Sum

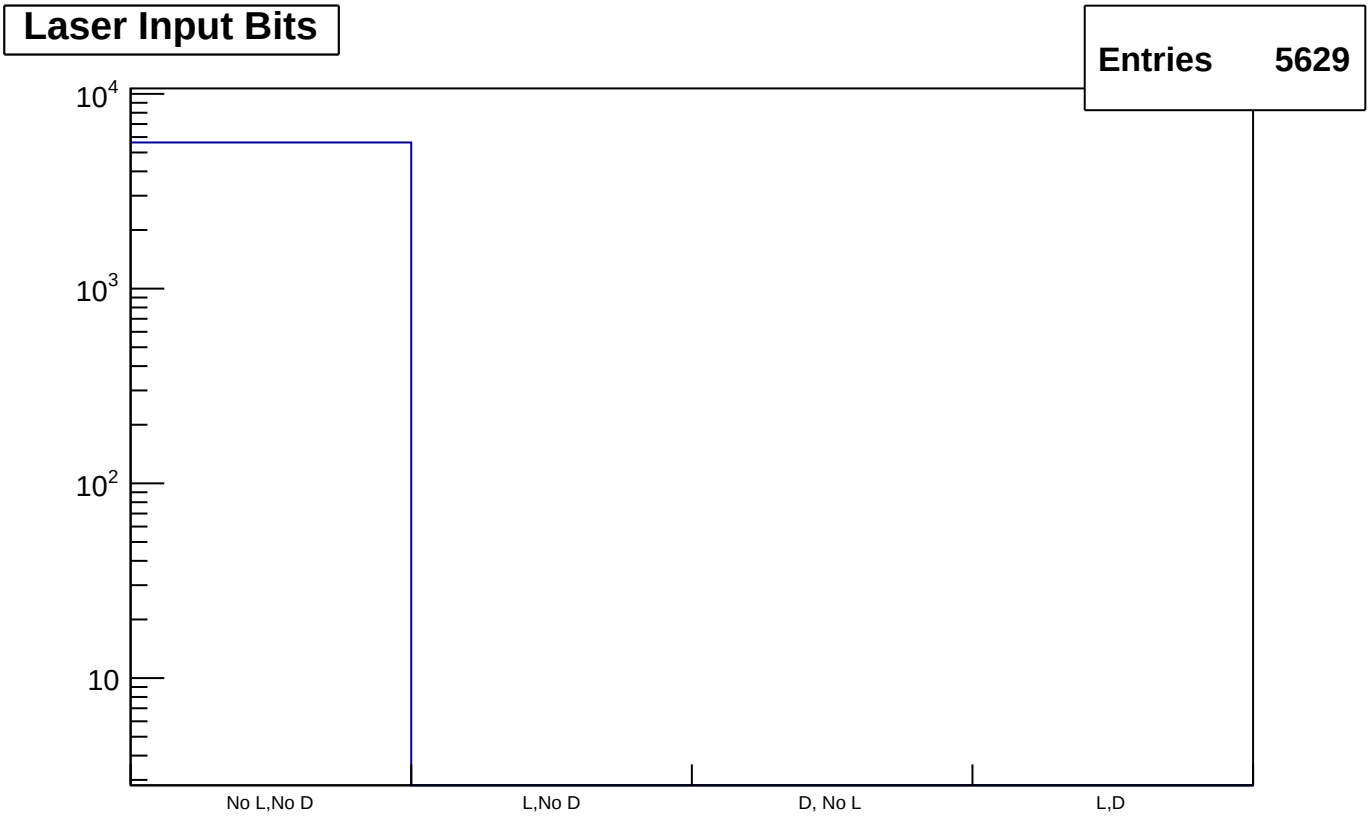

Entries 5629
TOF-Mult
VPD-West ADC Sum

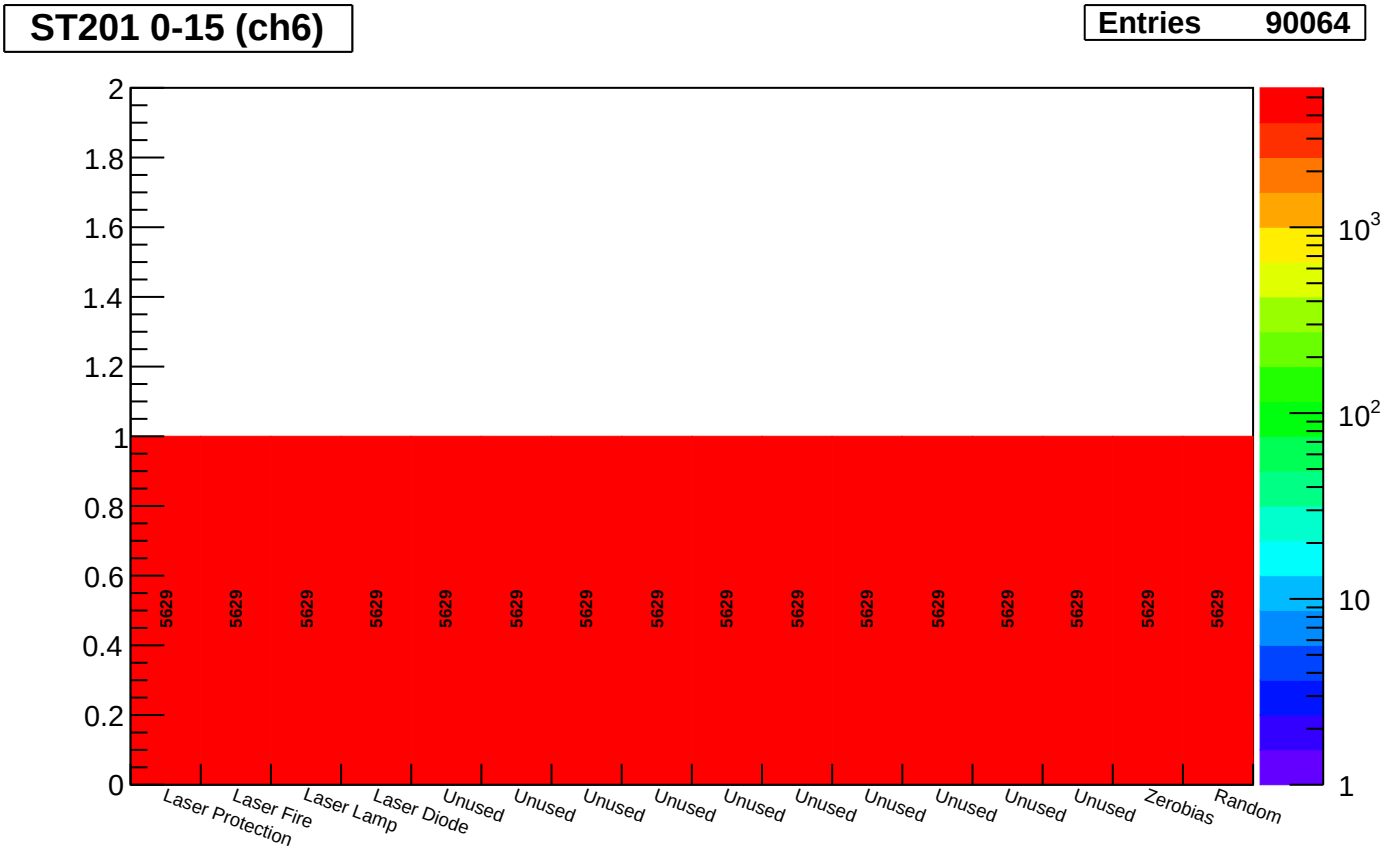

Entries 5629
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

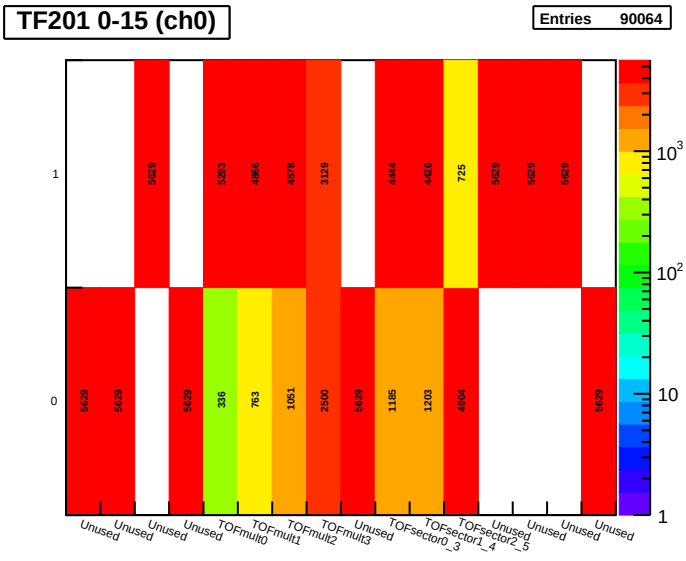

Entries 5629
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

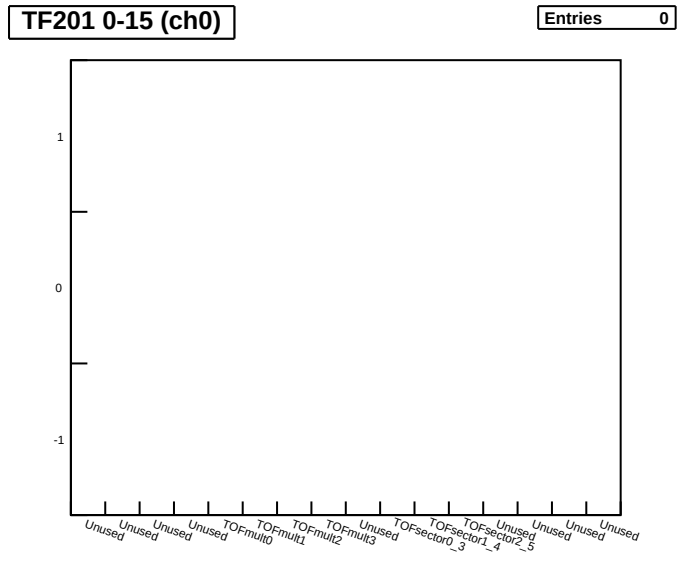

Entries 5629
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

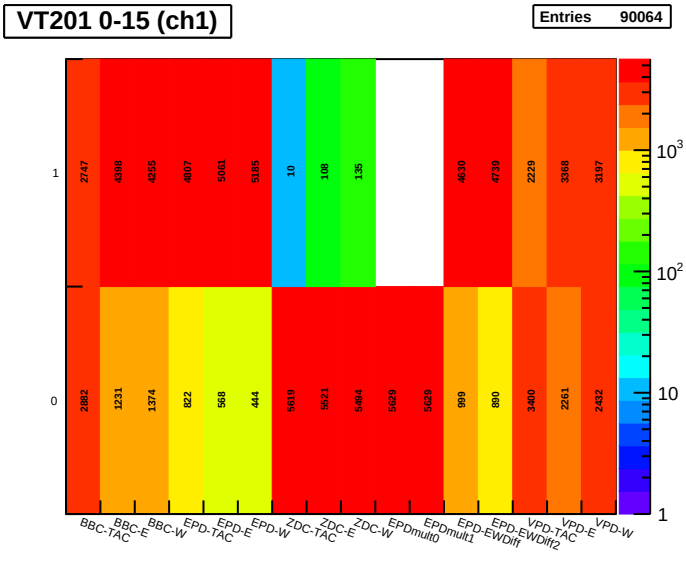

Entries 5629
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^3
10^2
10
1

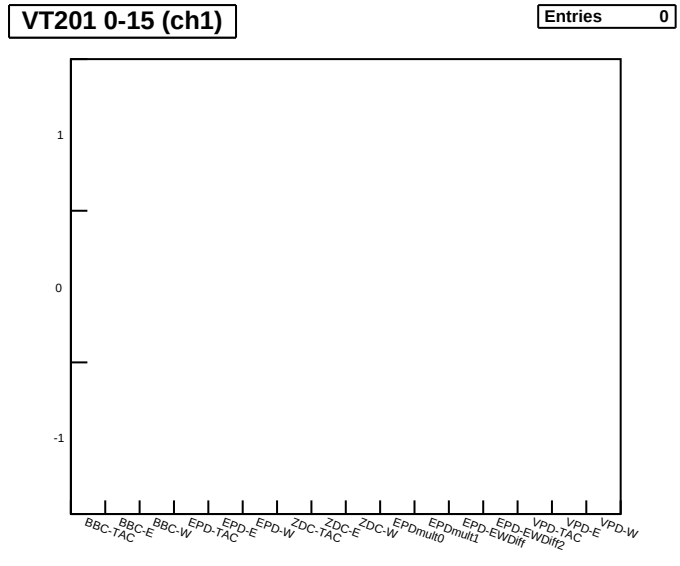

Laser Input Bits
Entries 5629
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

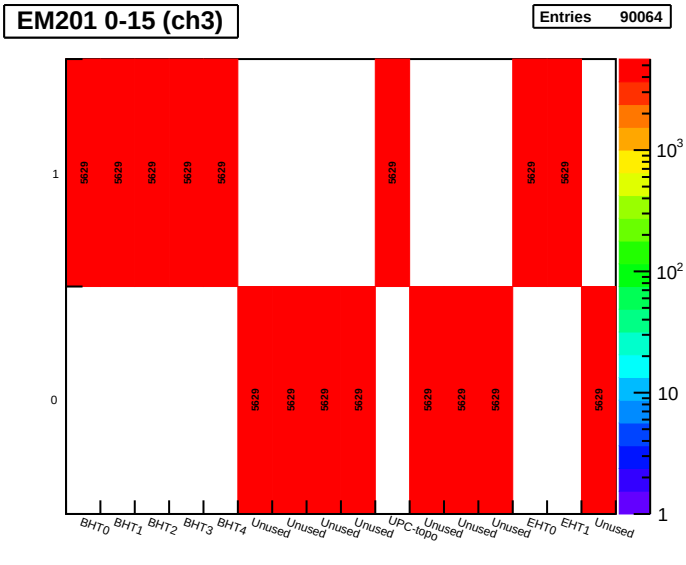

ST201 0-15 (ch6)
Entries 90064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
5629
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^3
10^2
10
1

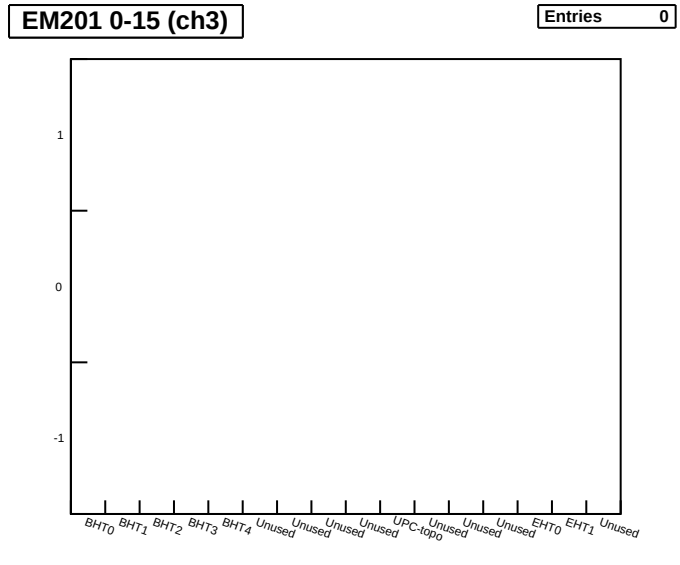

TF201 0-15 (ch0)
Entries 90064
1
0
5629 5293 4866 4578 3129 4444 4426 725 5629 5629 5629
5629 5629 5629 336 763 1051 2500 5629 1185 1203 4904 5629
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 90064
1
0
2747 4398 4255 4807 5061 5185 10 108 135 4630 4739 2229 3368 3197
2882 1231 1374 822 568 444 5619 5621 5604 5629 5629 999 890 3400 2261 2432
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
10^3
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 90064
1
0
5629 5629 5629 5629 5629 5629 5629 5629
5629 5629 5629 5629 5629 5629 5629 5629
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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