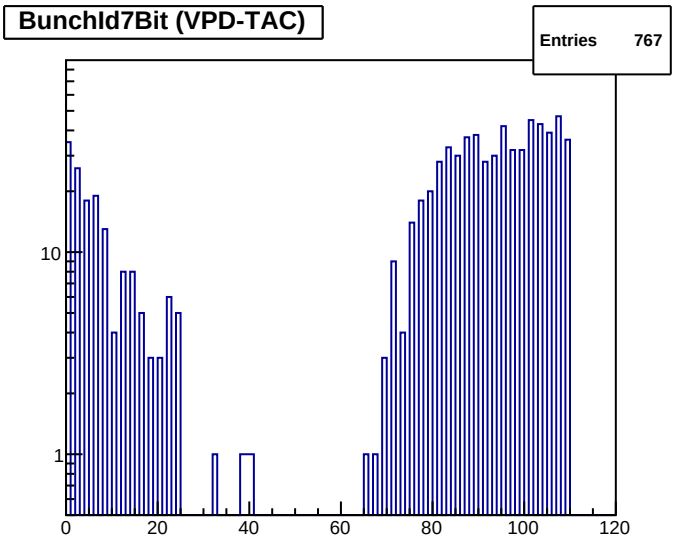
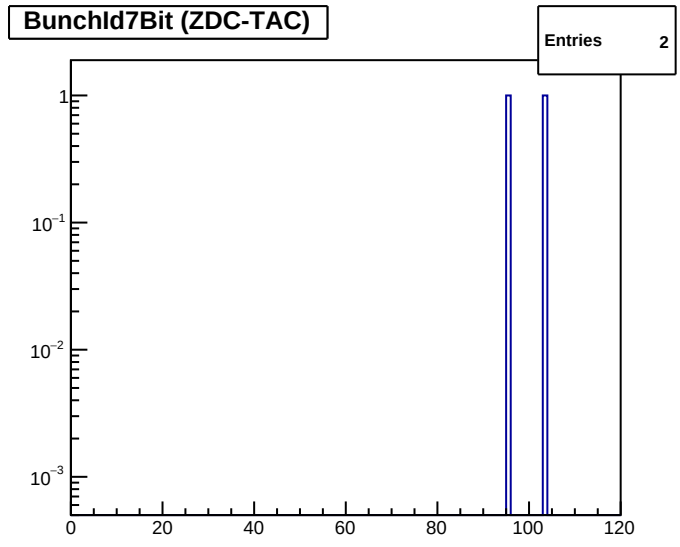
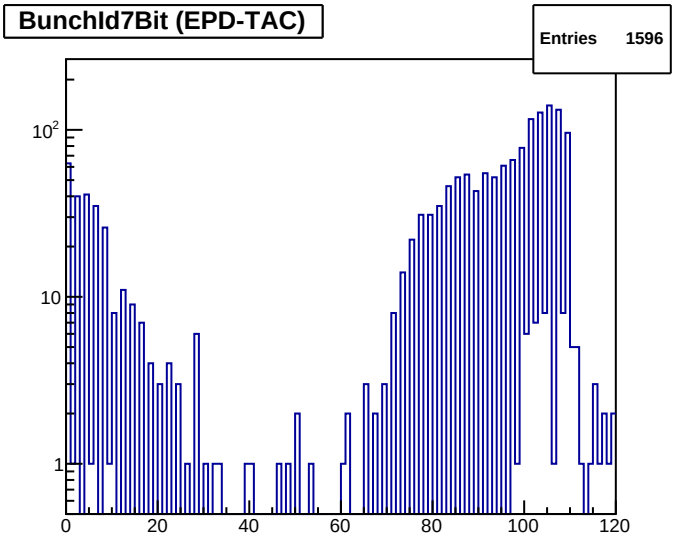
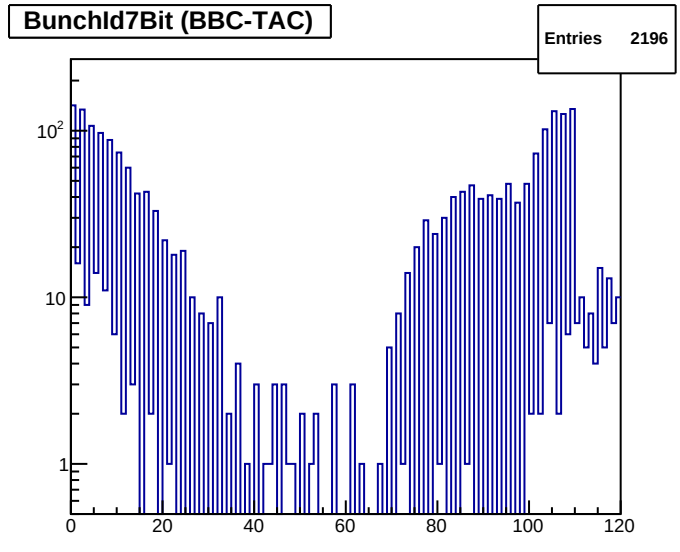
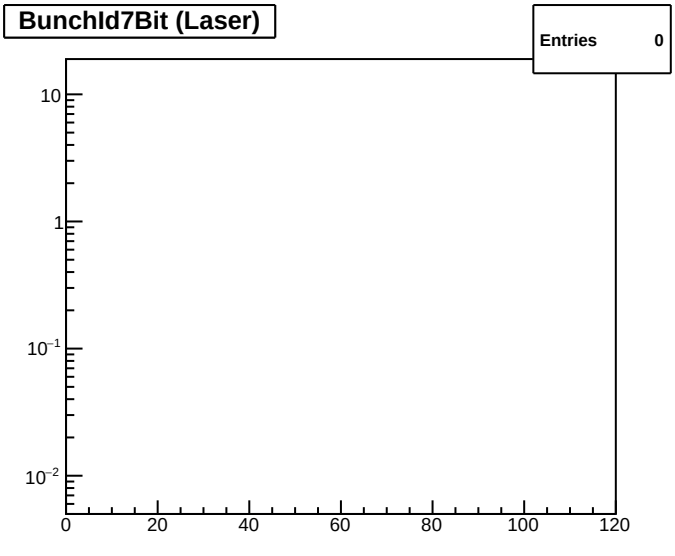
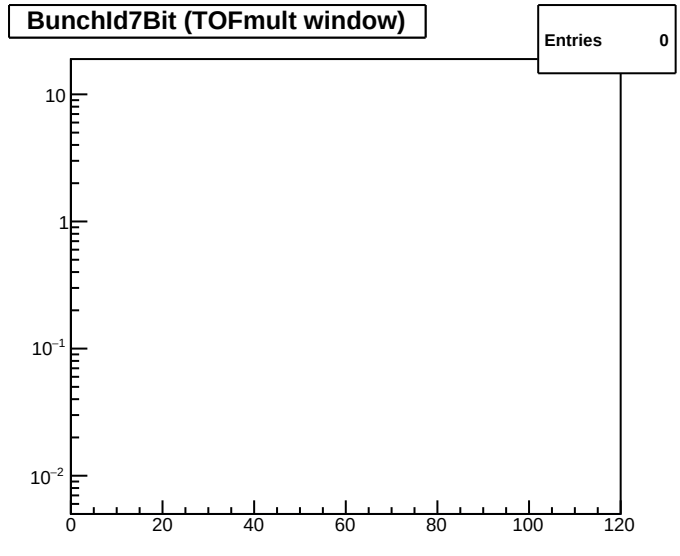

BunchId7Bit (VPD-TAC)
Entries 767

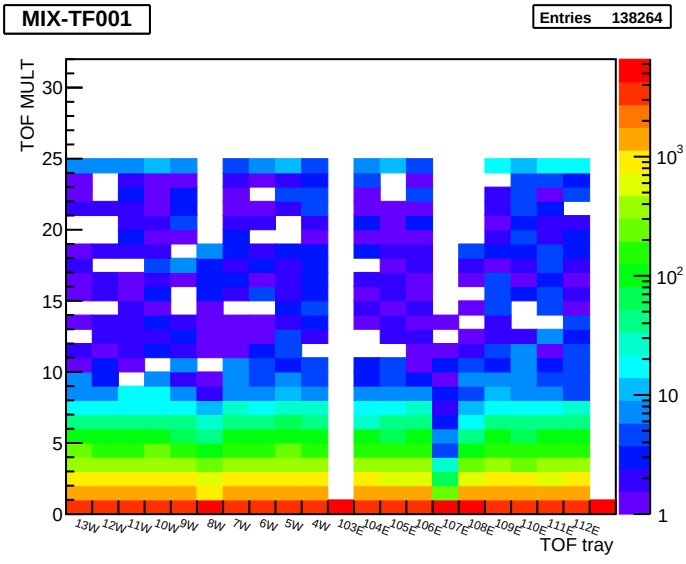

BunchId7Bit (ZDC-TAC)
Entries 2

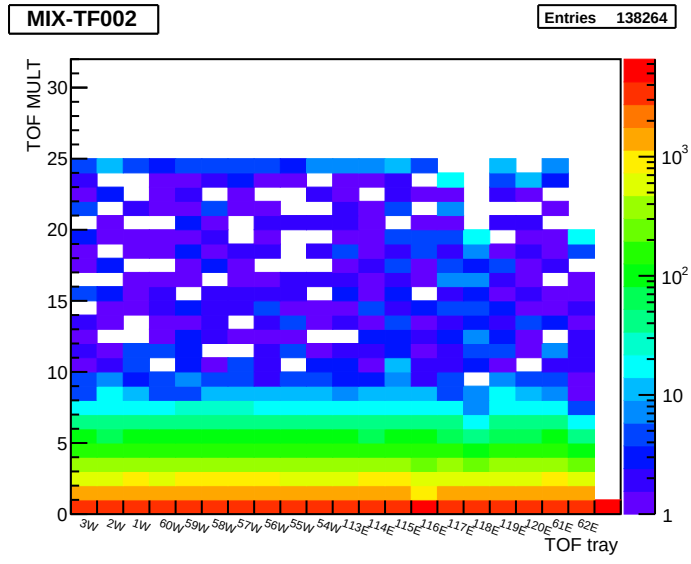

BunchId7Bit (EPD-TAC)
Entries 1596

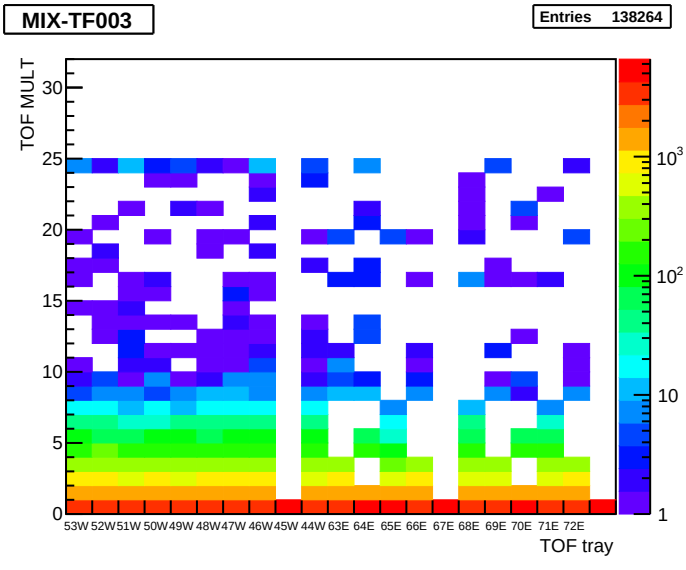

BunchId7Bit (BBC-TAC)
Entries 2196

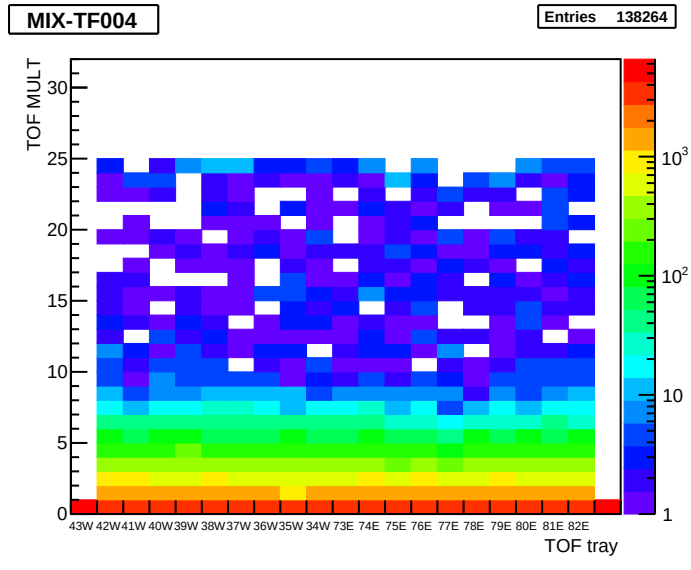

BunchId7Bit (Laser)
Entries 0

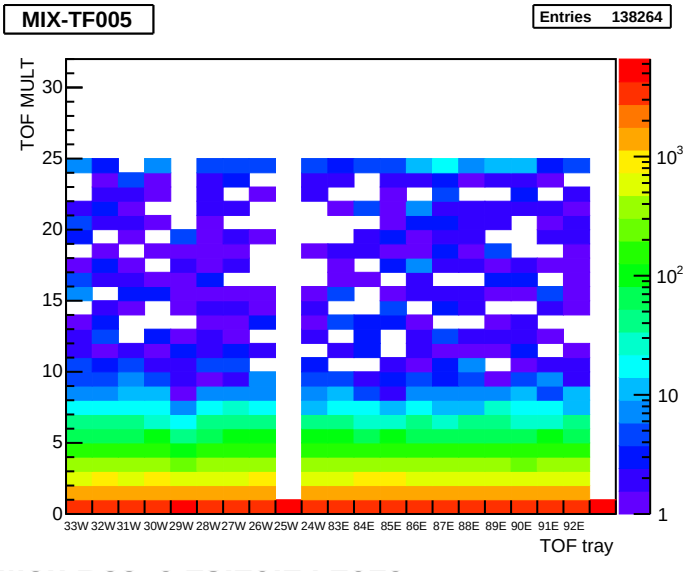

BunchId7Bit (TOFmult window)
Entries 0

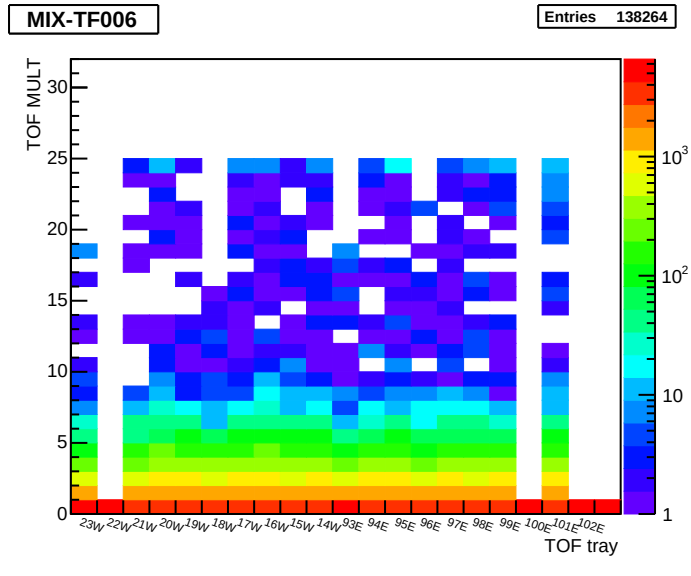

MIX-TF001
Entries 138264
TOF MULT
TOF tray

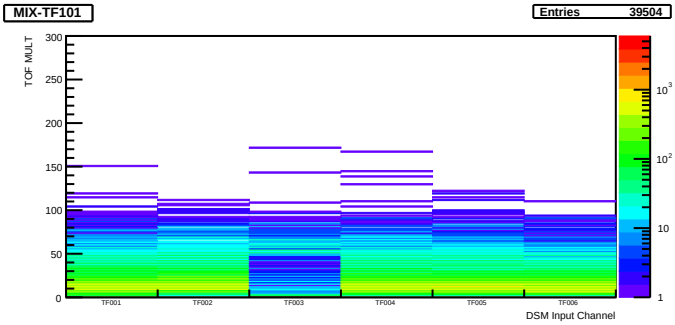

MIX-TF002
Entries 138264
TOF MULT
TOF tray

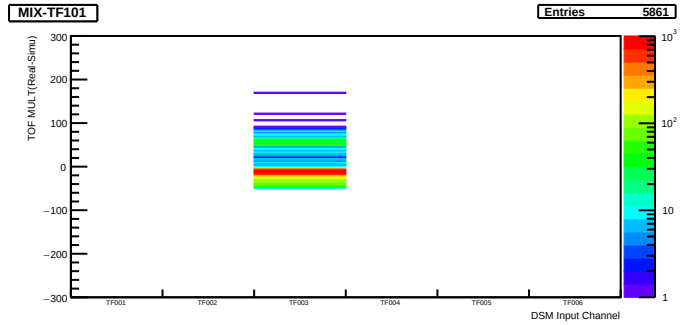

MIX-TF003
Entries 138264
TOF MULT
TOF tray

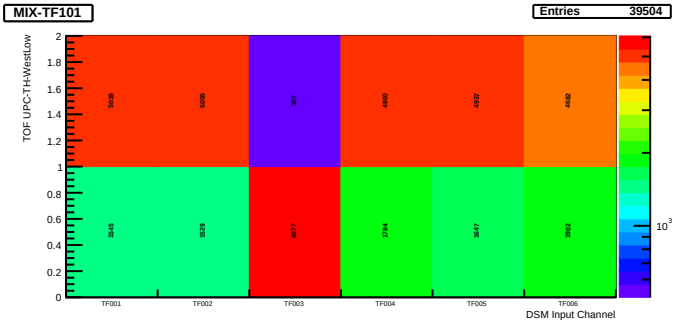

MIX-TF004
Entries 138264
TOF MULT
TOF tray

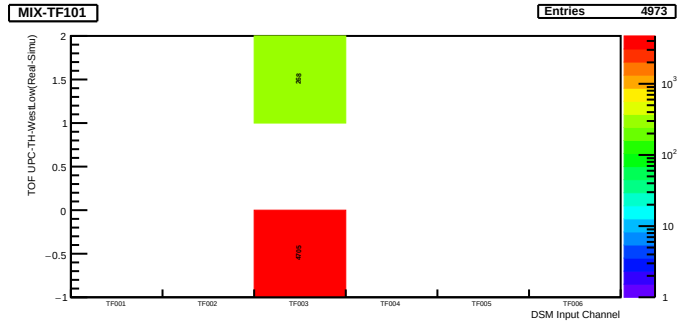

MIX-TF005
Entries 138264
TOF MULT
TOF tray

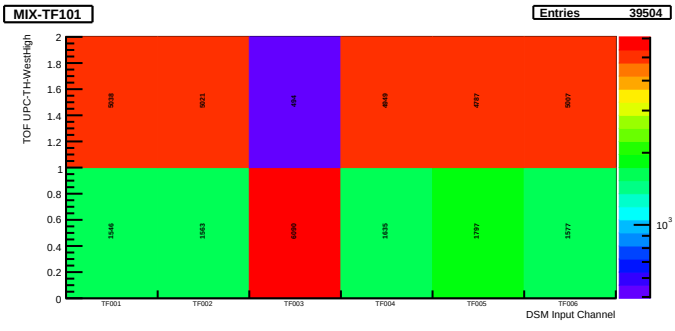

MIX-TF006
Entries 138264
TOF MULT
TOF tray

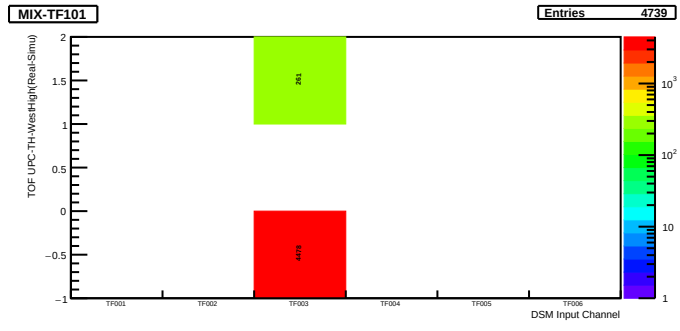

MIX-TF101
Entries 39504
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

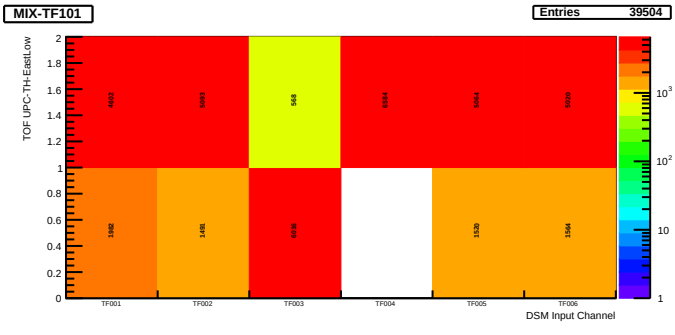

MIX-TF101
Entries 5861
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

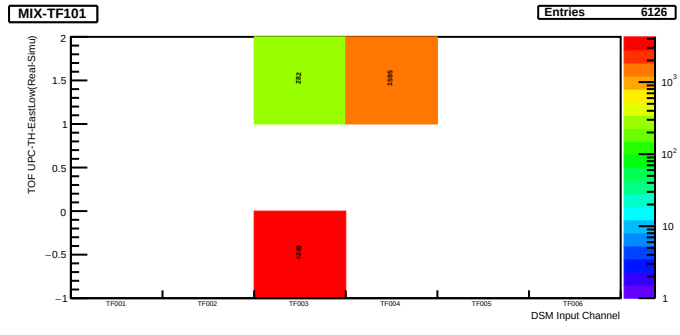

MIX-TF101
Entries 39504
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

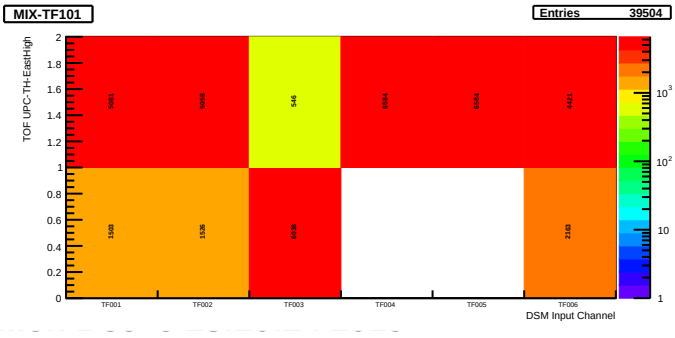

MIX-TF101
Entries 4973
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

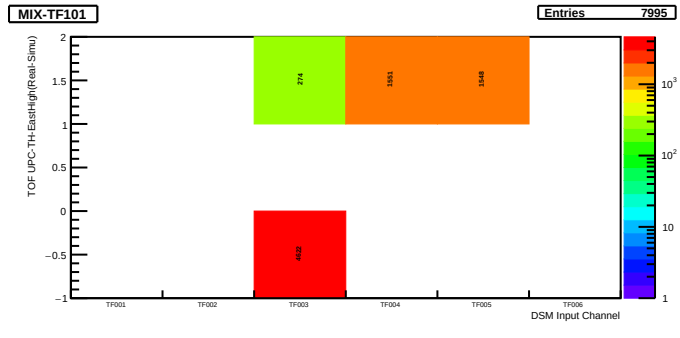

MIX-TF101
Entries 39504
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

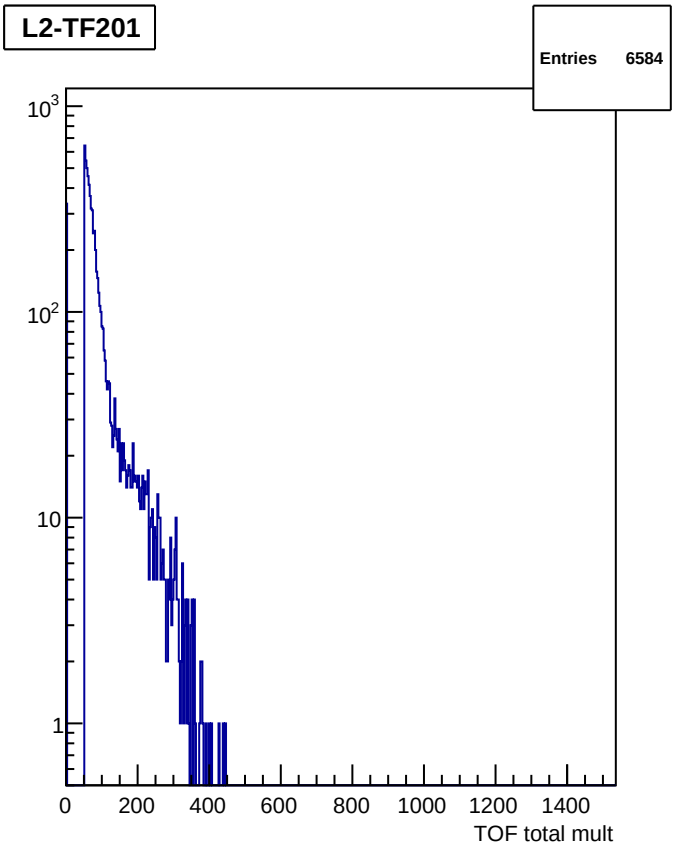

MIX-TF101
Entries 4739
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

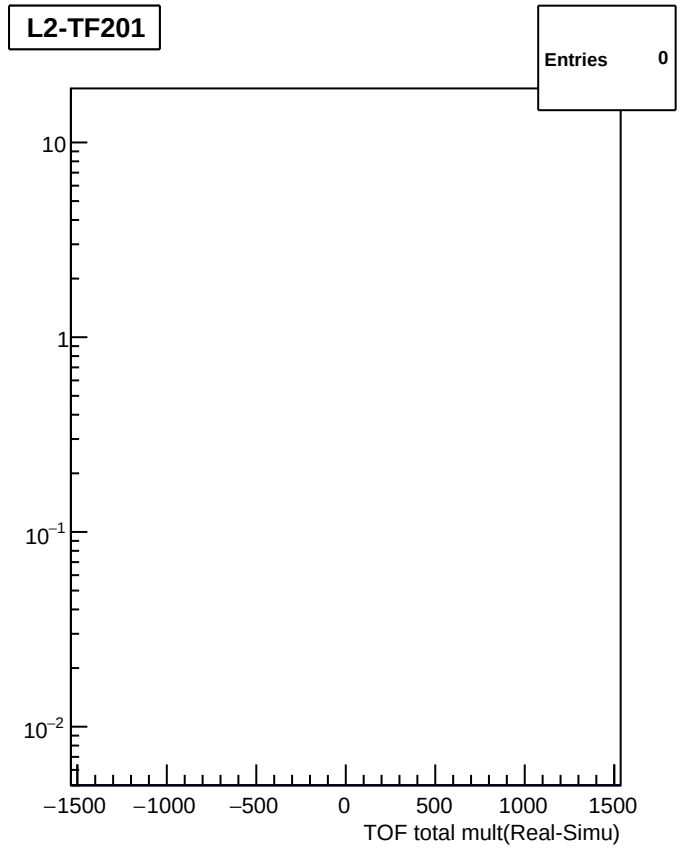

MIX-TF101
Entries 39504
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

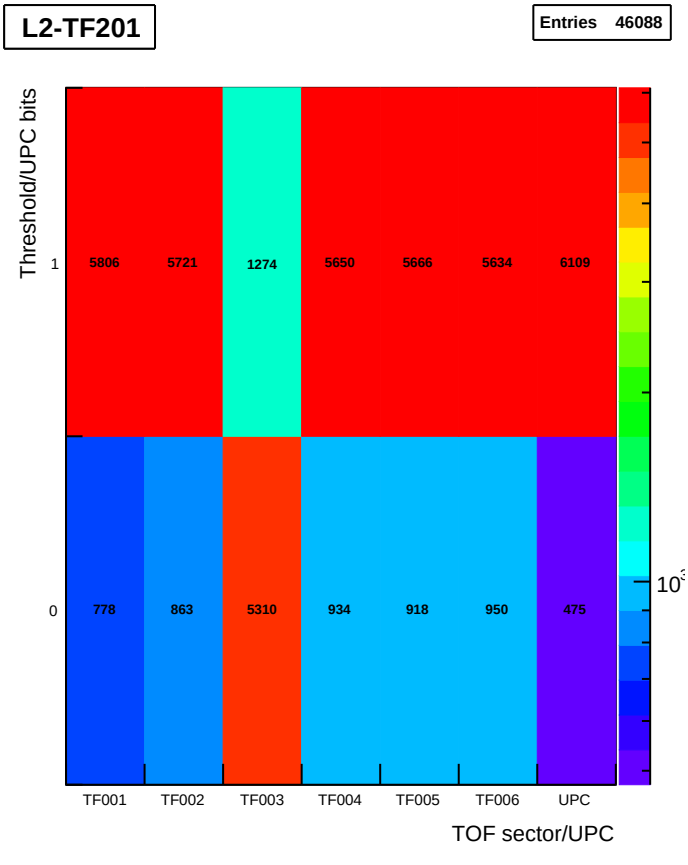

MIX-TF101
Entries 6126
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

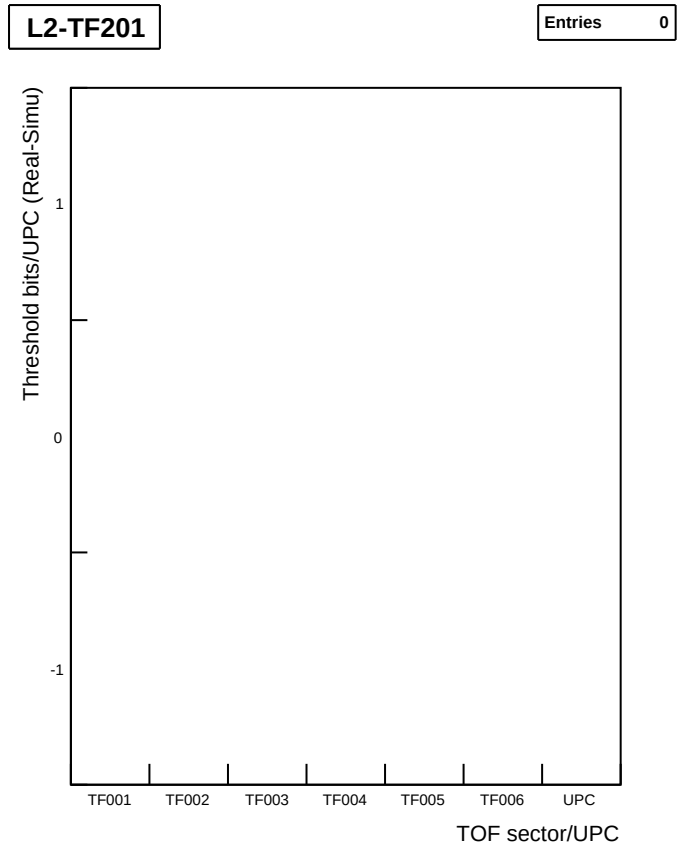

MIX-TF101
Entries 39504
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

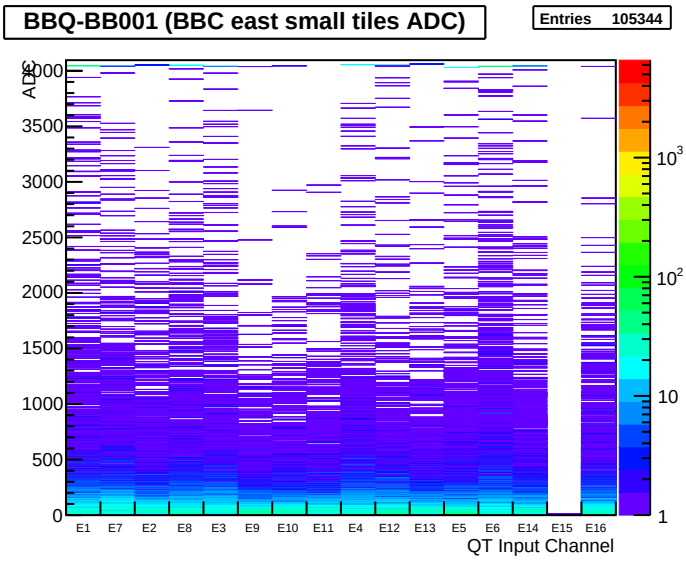

MIX-TF101
Entries 7995
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

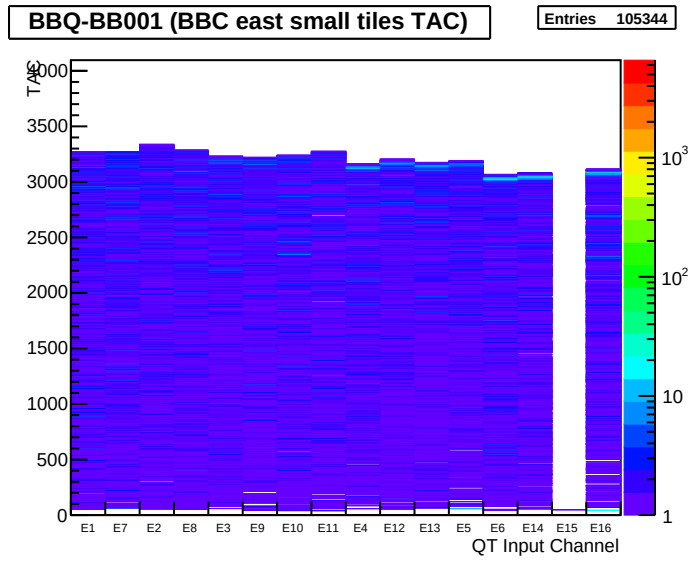

L2-TF201
Entries 6584
TOF total mult

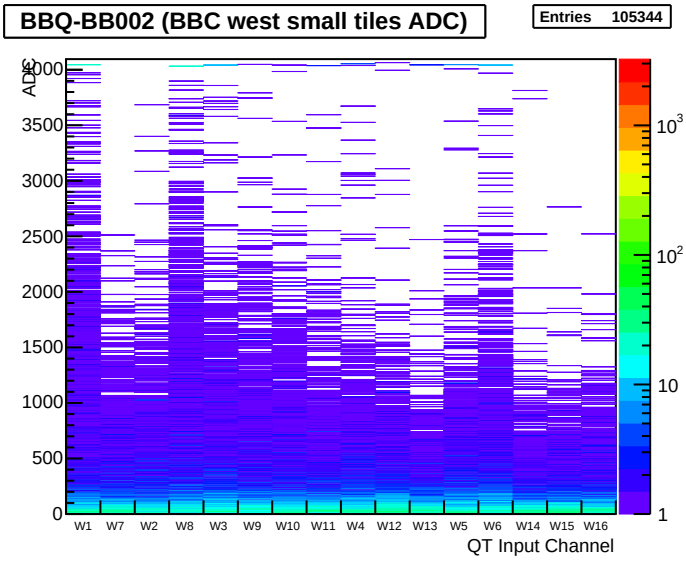

L2-TF201
Entries 0
TOF total mult(Real-Simu)

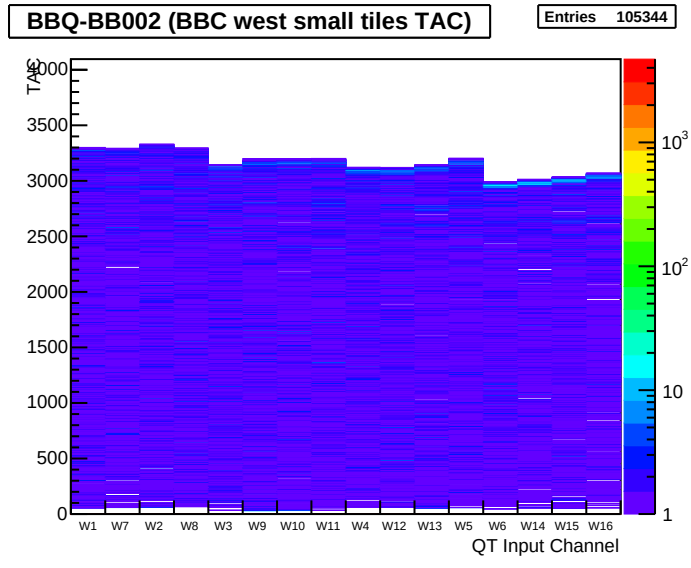

L2-TF201
Entries 46088
Threshold/UPC bits
5806
5721
1274
5650
5666
5634
6109
778
863
5310
934
918
950
475
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

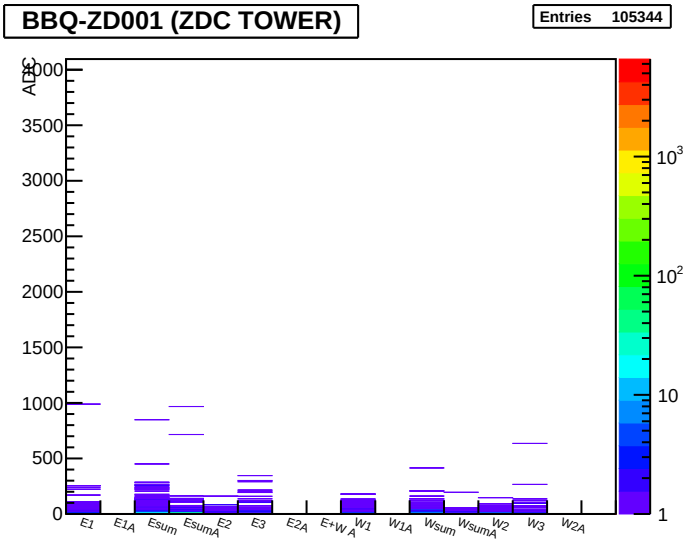

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

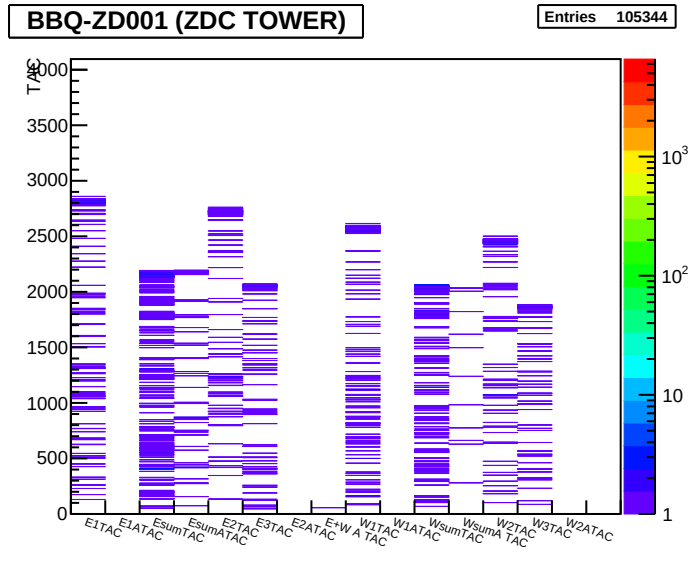

BBQ-BB001 (BBC east small tiles ADC)
Entries 105344
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

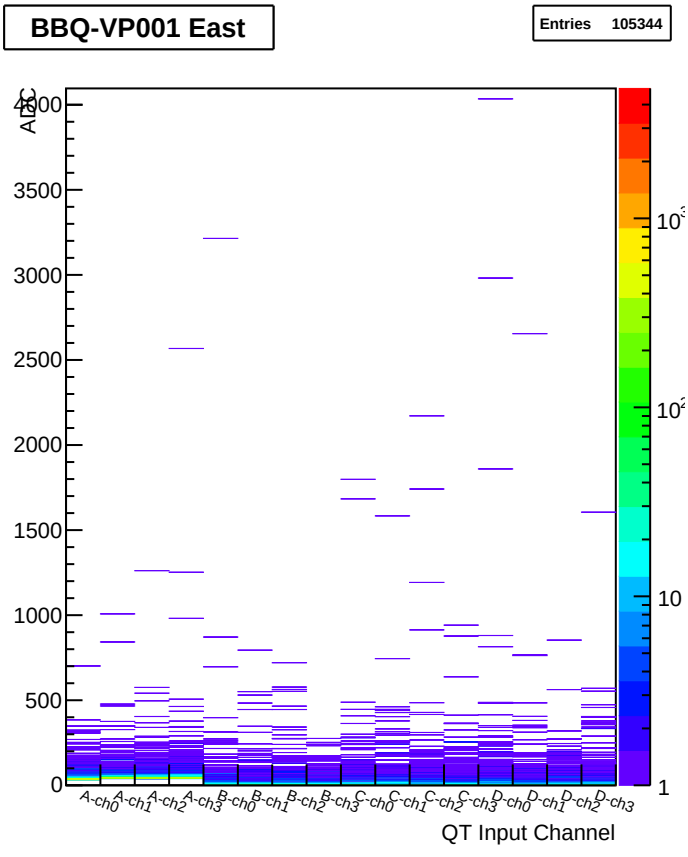

BBQ-BB001 (BBC east small tiles TAC)
Entries 105344
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

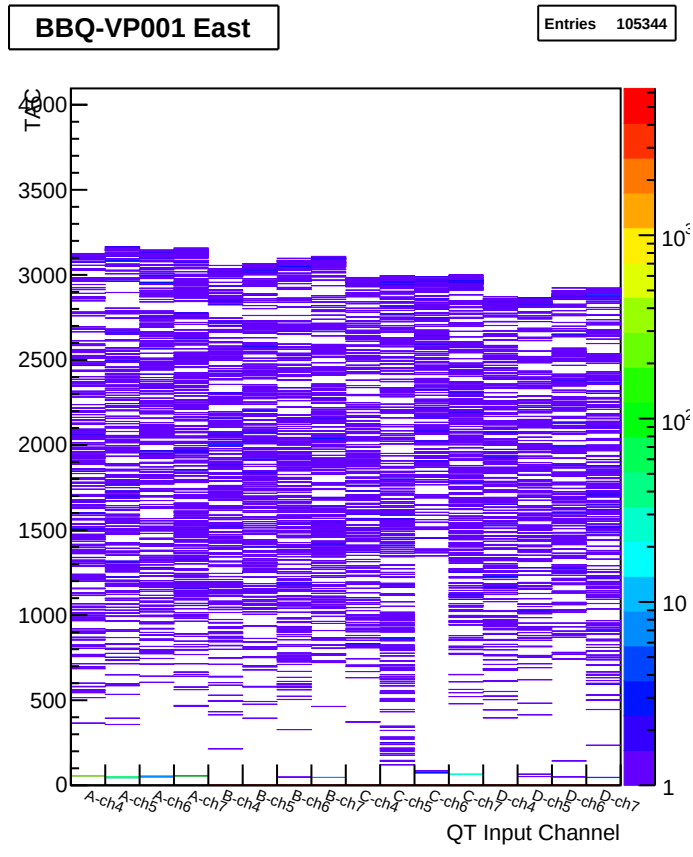

BBQ-BB002 (BBC west small tiles ADC)
Entries 105344
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

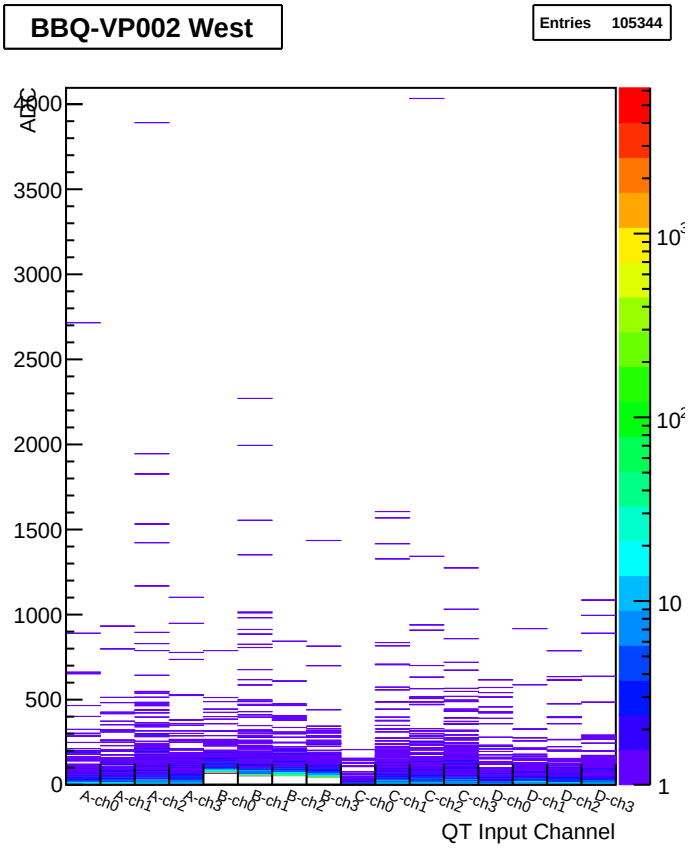

BBQ-BB002 (BBC west small tiles TAC)
Entries 105344
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

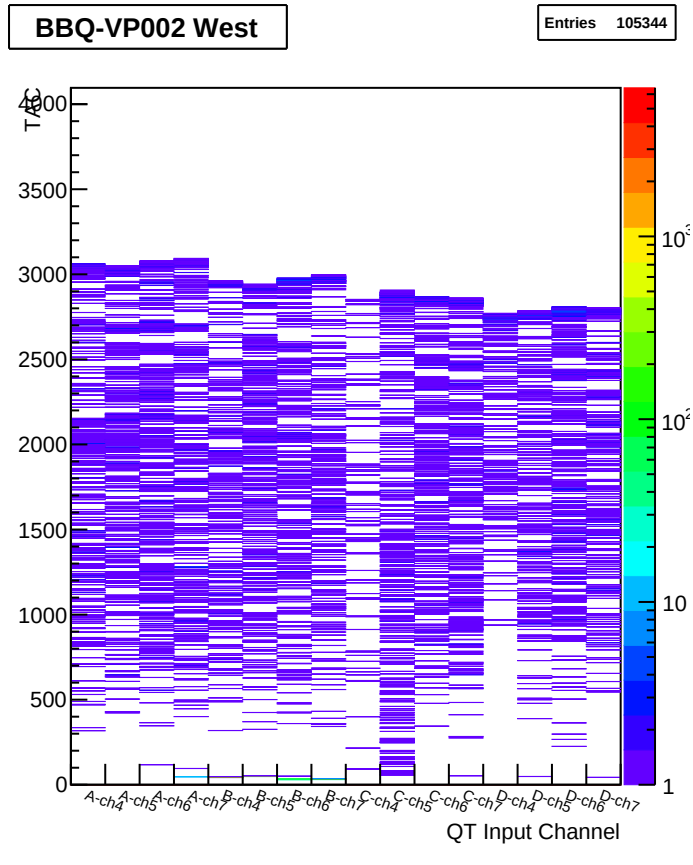

BBQ-ZD001 (ZDC TOWER)
Entries 105344
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

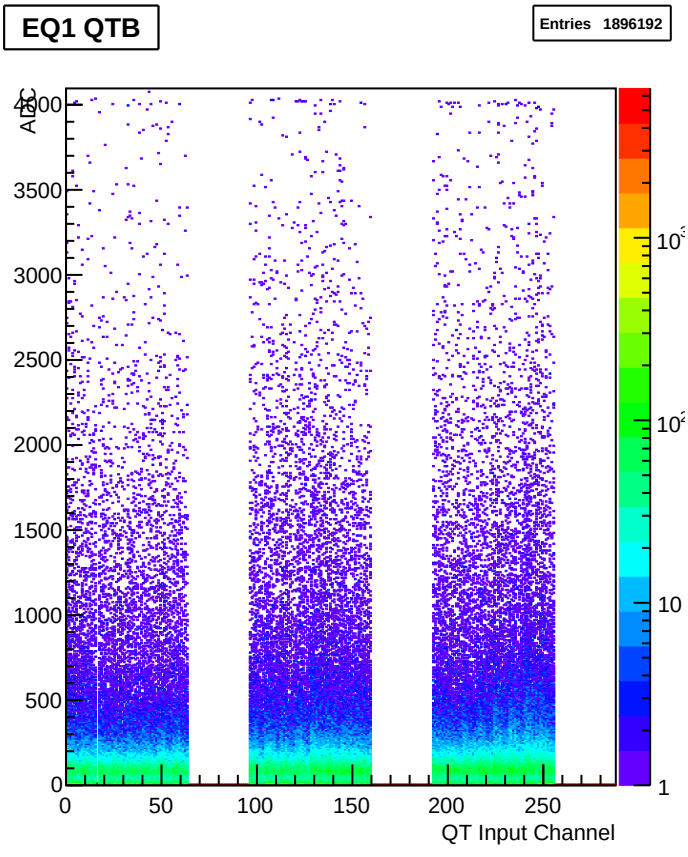

BBQ-ZD001 (ZDC TOWER)
Entries 105344
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

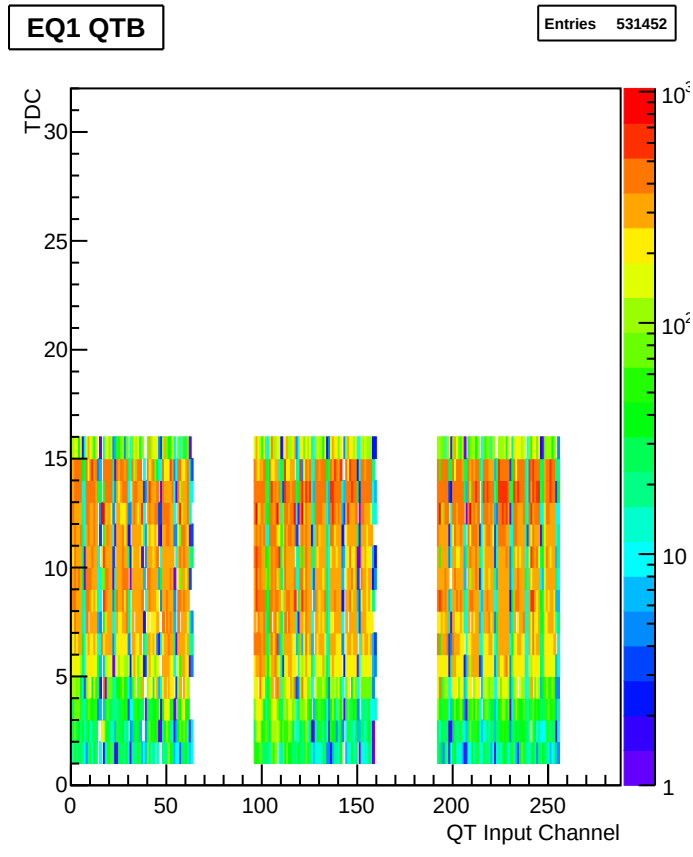

BBQ-VP001 East
Entries 105344
ADC
QT Input Channel

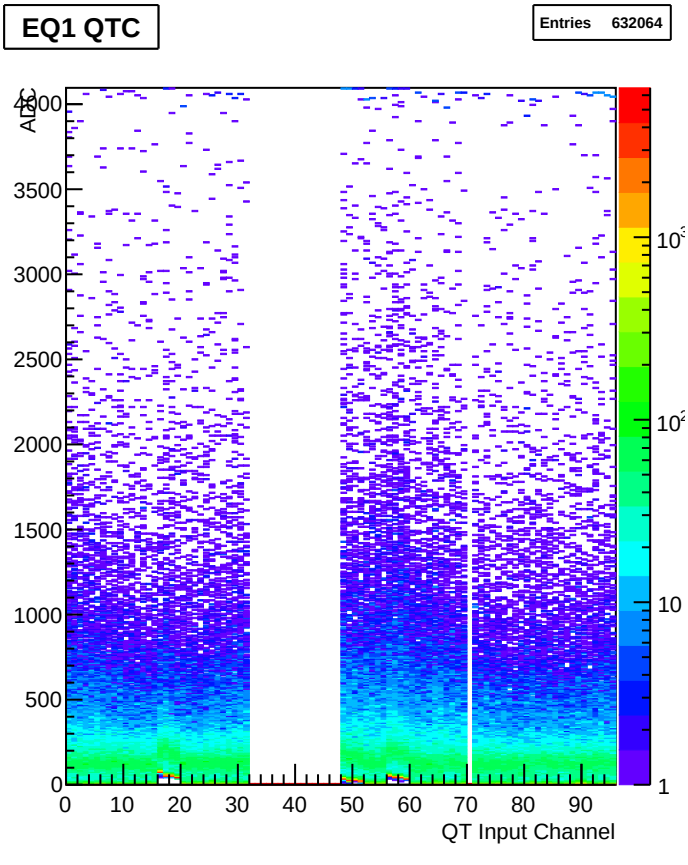

BBQ-VP001 East
Entries 105344
ADC
QT Input Channel

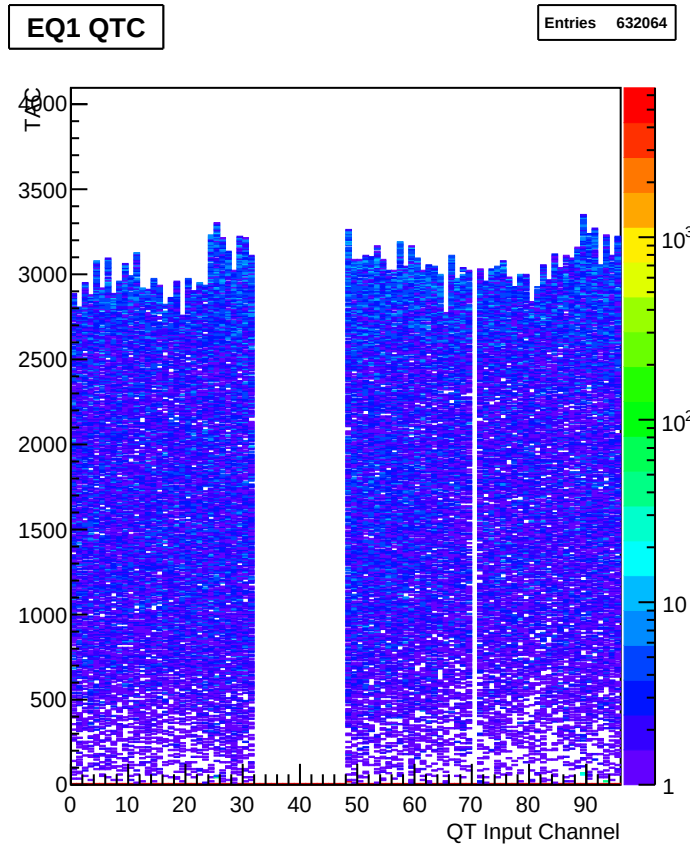

BBQ-VP002 West
Entries 105344
ADC
QT Input Channel

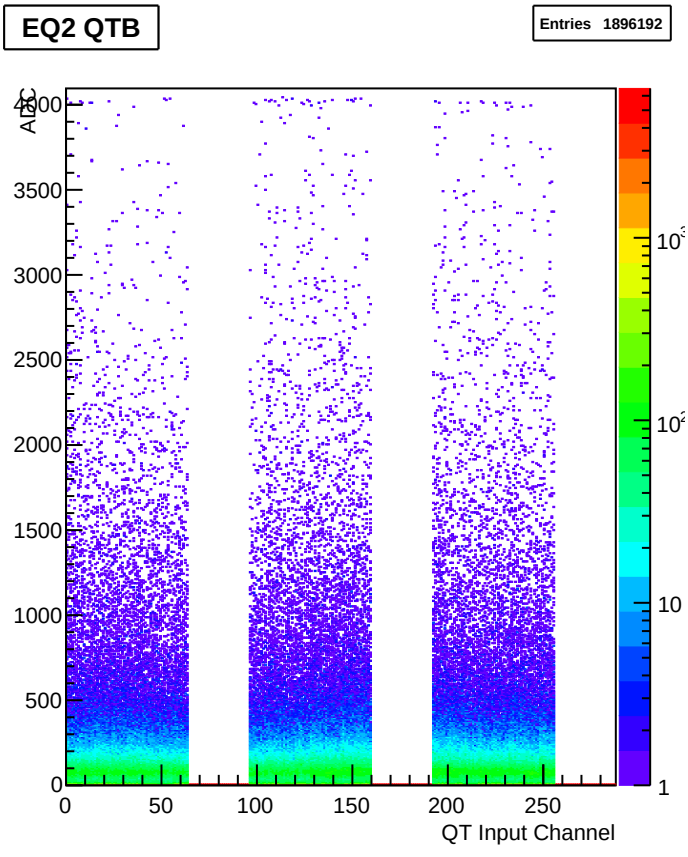

BBQ-VP002 West
Entries 105344
ADC
QT Input Channel

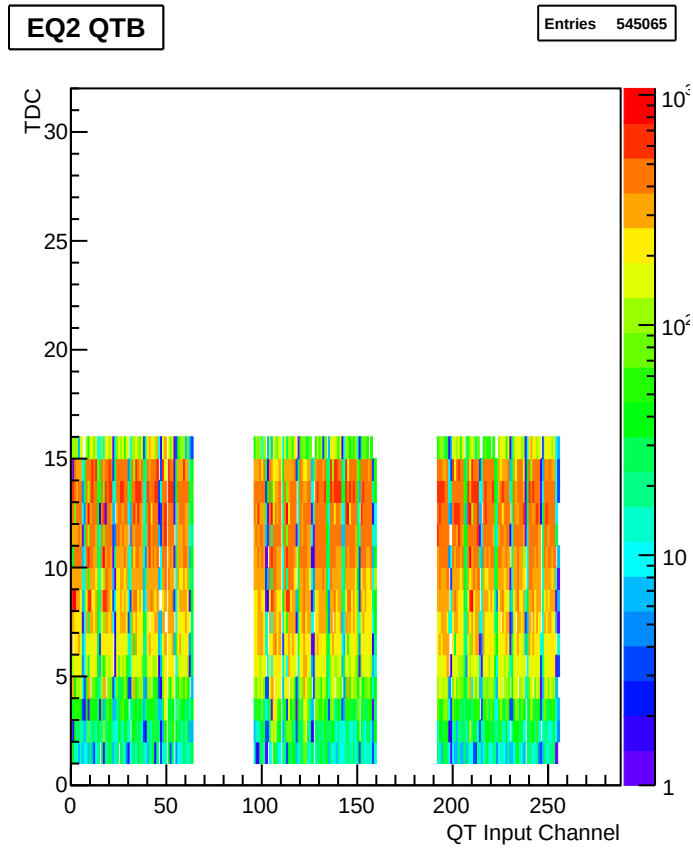

EQ1 QTB
Entries 1896192
ADC
QT Input Channel

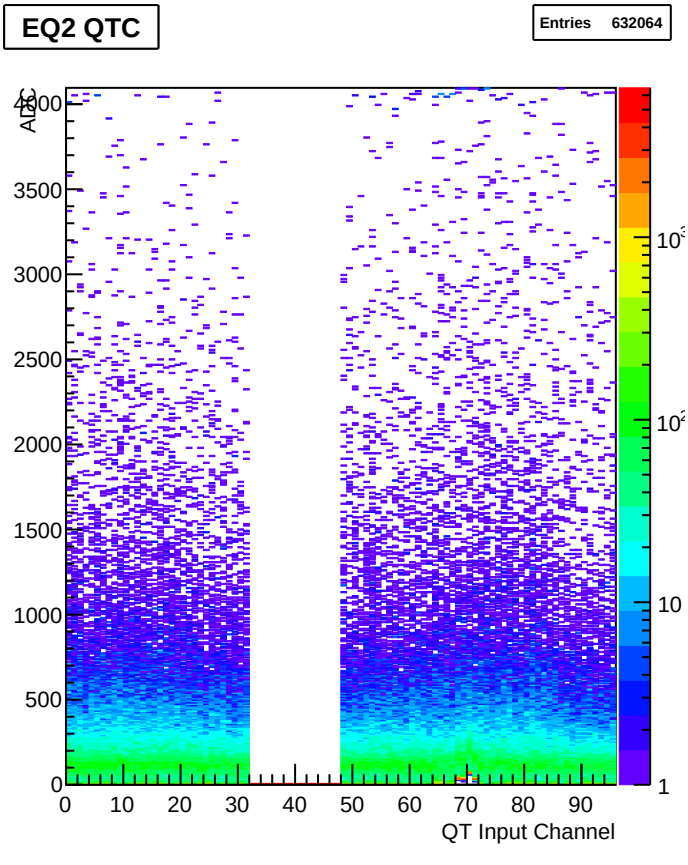

EQ1 QTB
Entries 531452
TDC
QT Input Channel

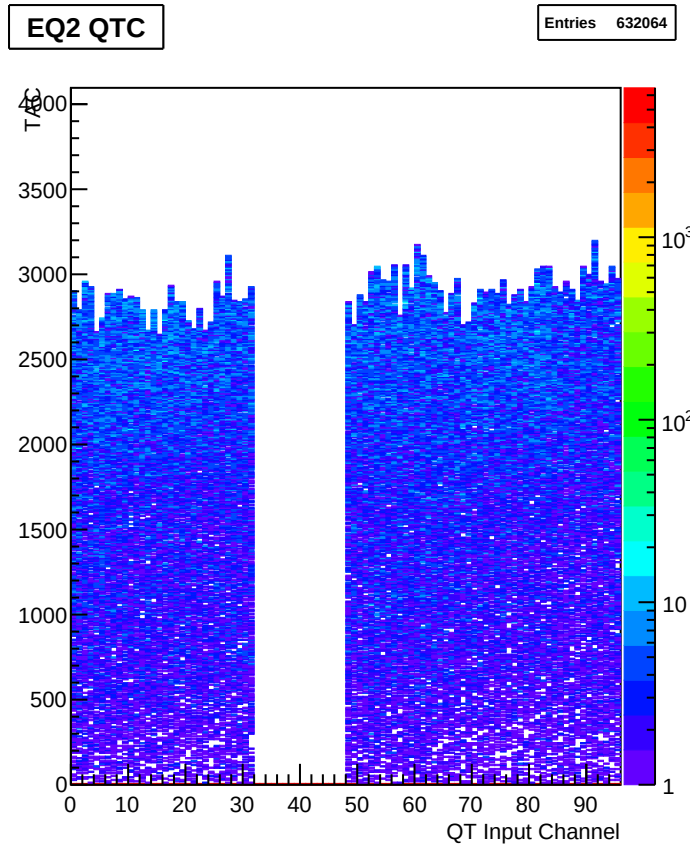

EQ1 QTC
Entries 632064
ADC
QT Input Channel

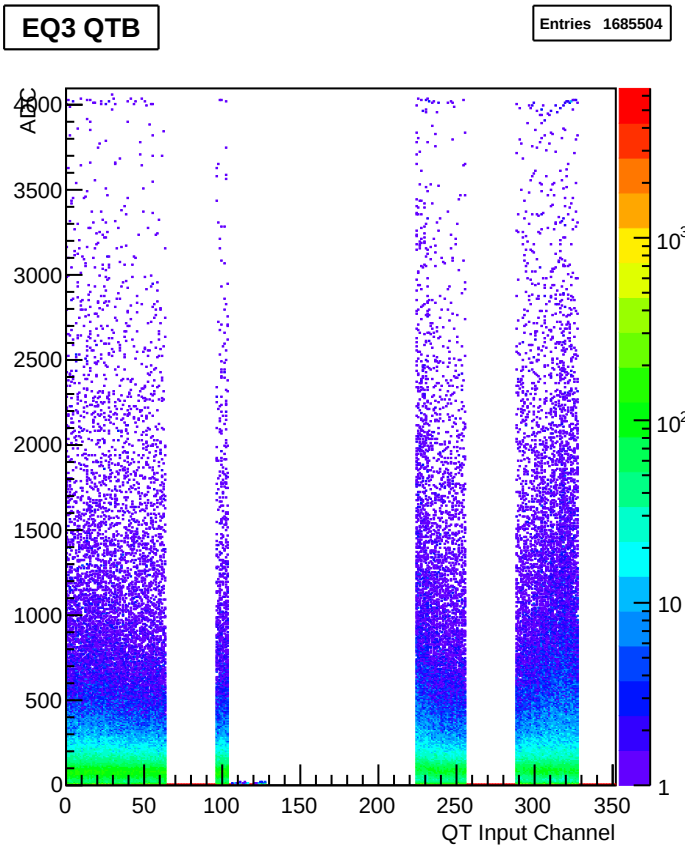

EQ1 QTC
Entries 632064
TADC
QT Input Channel

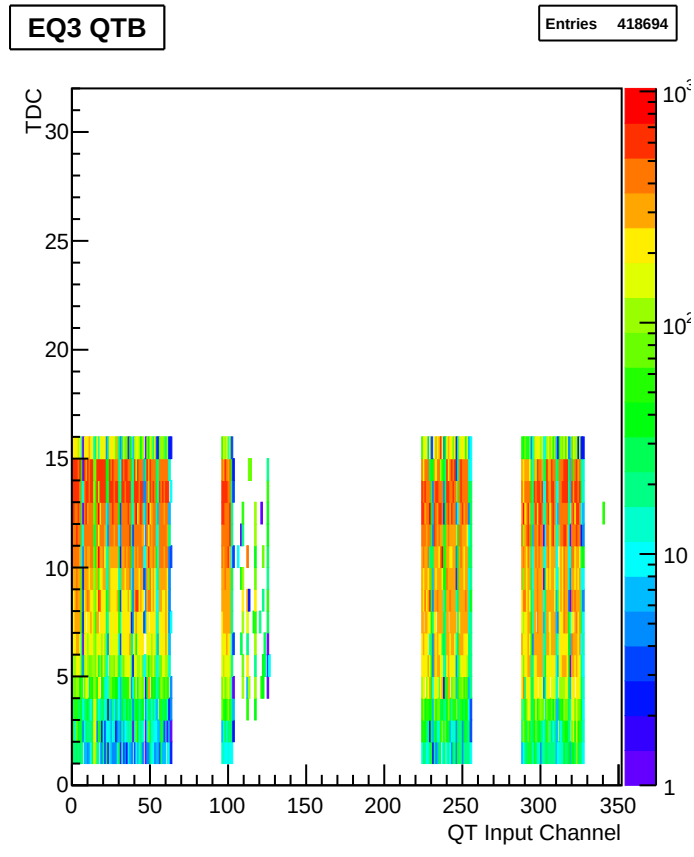

EQ2 QTB
Entries 1896192
ADC
QT Input Channel

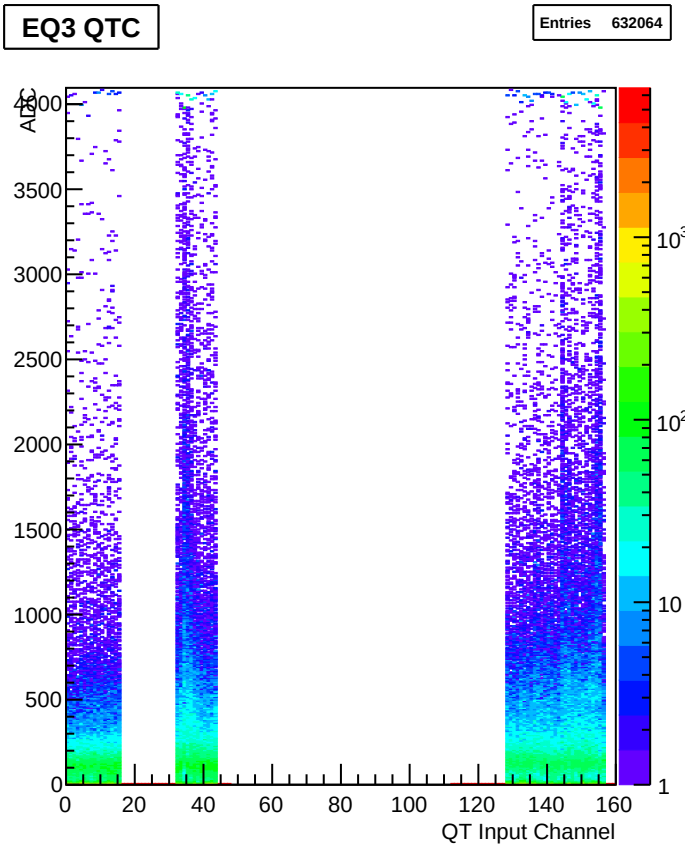

EQ2 QTB
Entries 545065
TDC
QT Input Channel

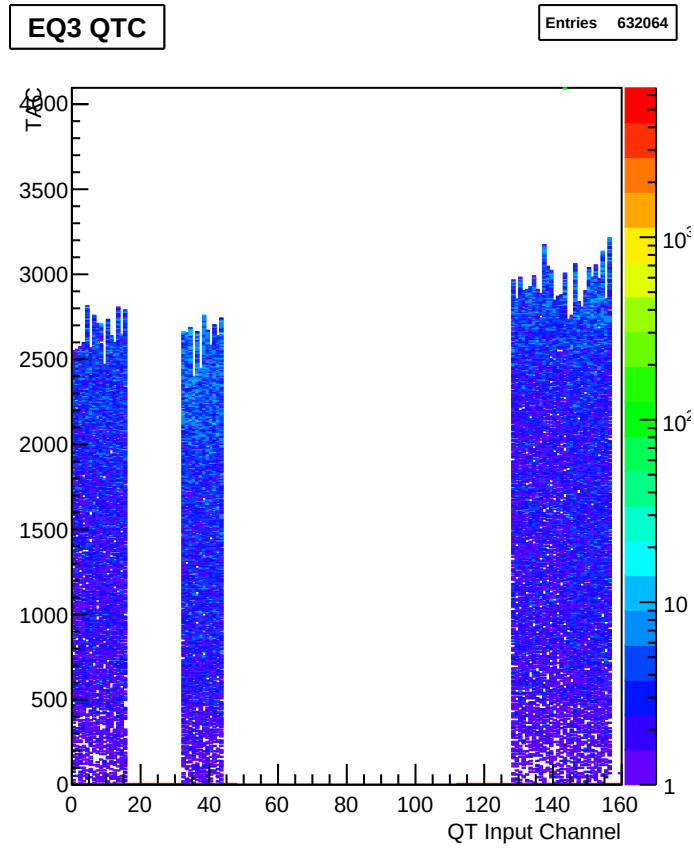

EQ2 QTC
Entries 632064
ADC
QT Input Channel

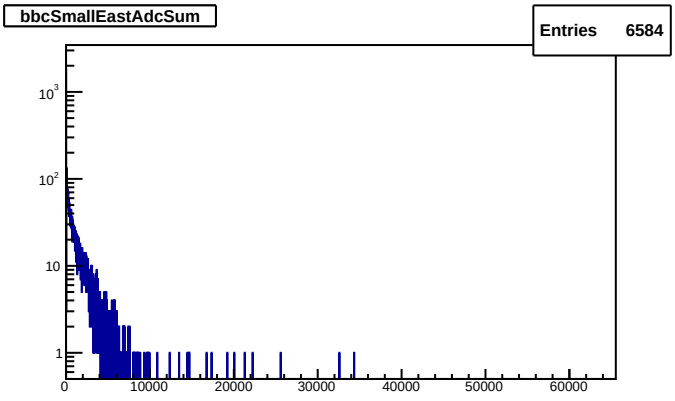

EQ2 QTC
Entries 632064
TADC
QT Input Channel

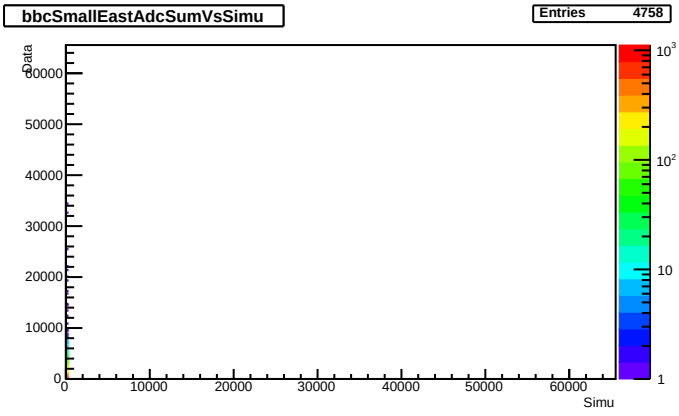

EQ3 QTB
Entries 1685504
ADC
QT Input Channel

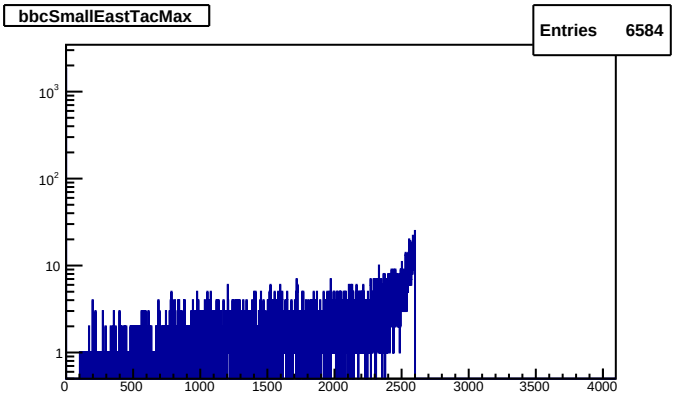

EQ3 QTB
Entries 418694
TDC
QT Input Channel

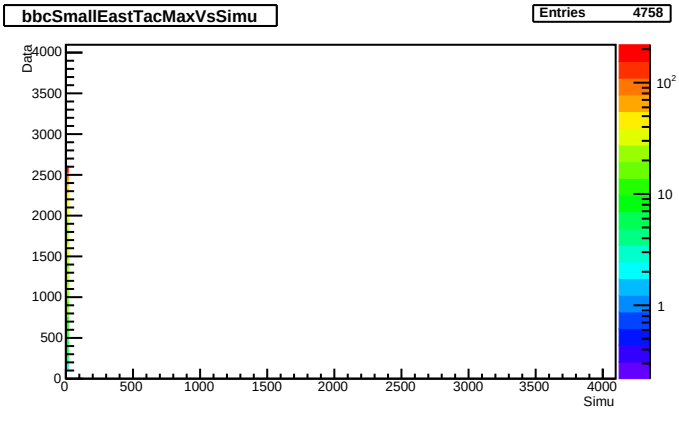

EQ3 QTC
Entries 632064
ADC
QT Input Channel

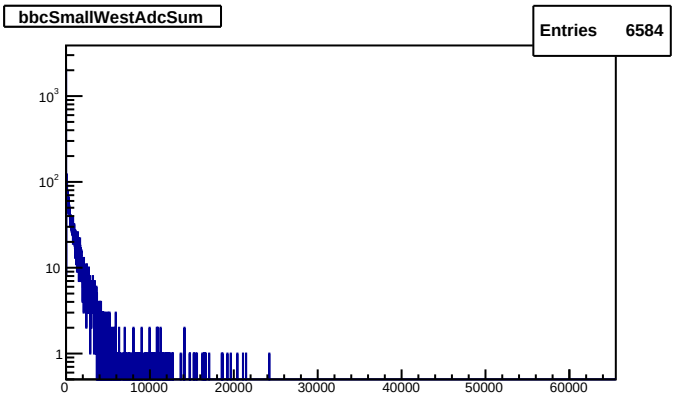

EQ3 QTC
Entries 632064
TADC
QT Input Channel

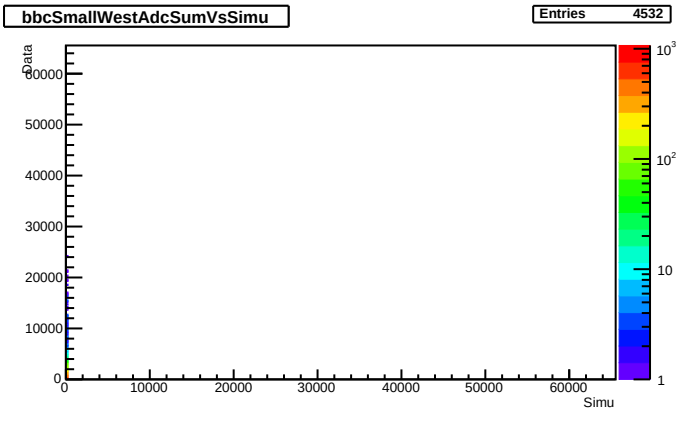

bbcSmallEastAdcSum
Entries 6584

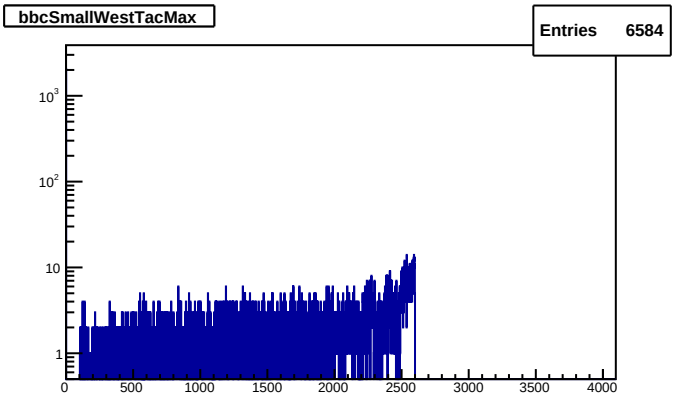

bbcSmallEastAdcSumVsSimu
Entries 4758
Data
Simu

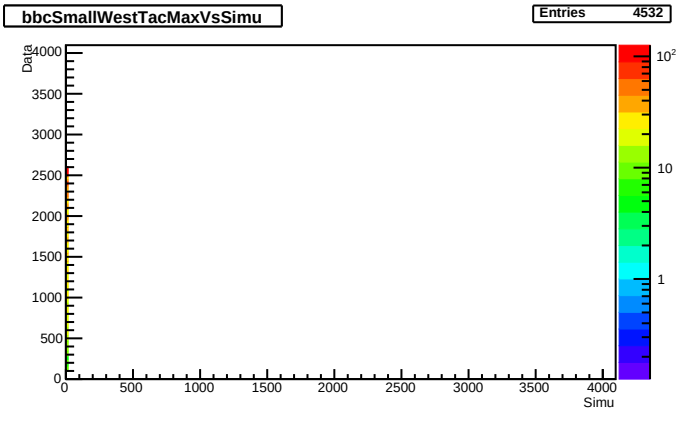

bbcSmallEastTacMax
Entries 6584

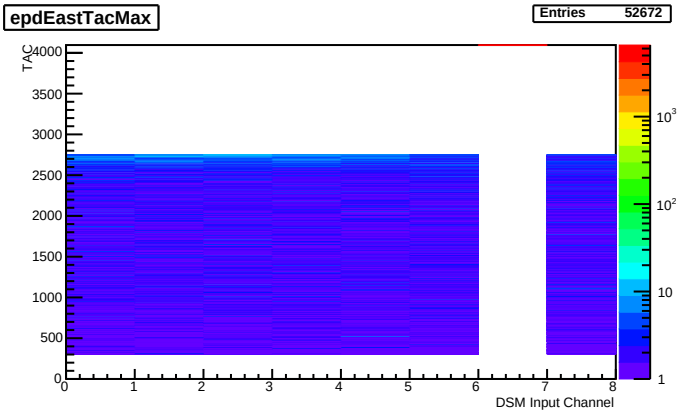

bbcSmallEastTacMaxVsSimu
Entries 4758
Data
Simu

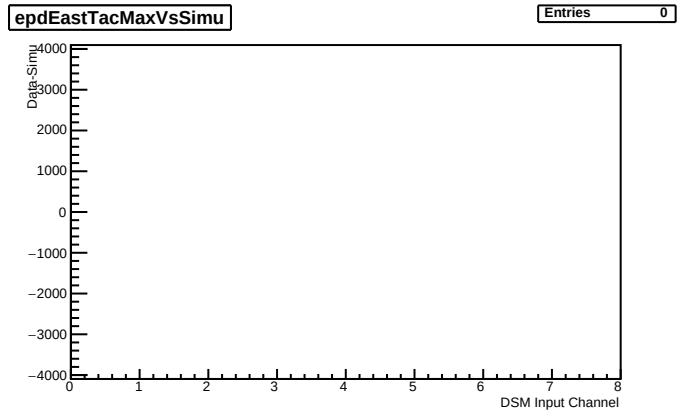

bbcSmallWestAdcSum
Entries 6584

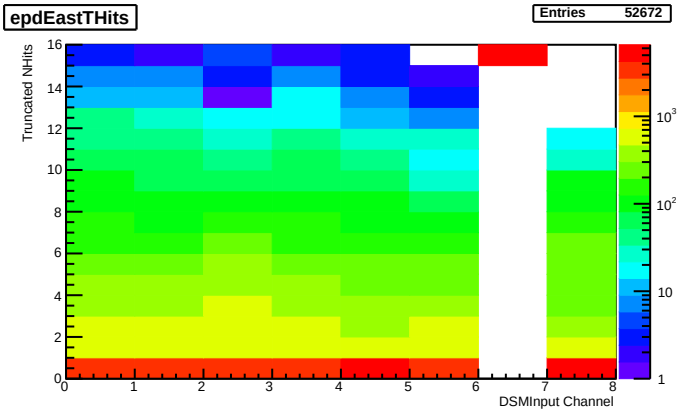

bbcSmallWestAdcSumVsSimu
Entries 4532
Data
Simu

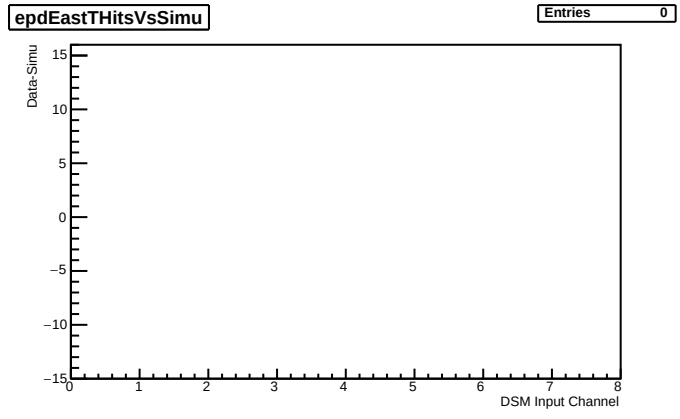

bbcSmallWestTacMax
Entries 6584

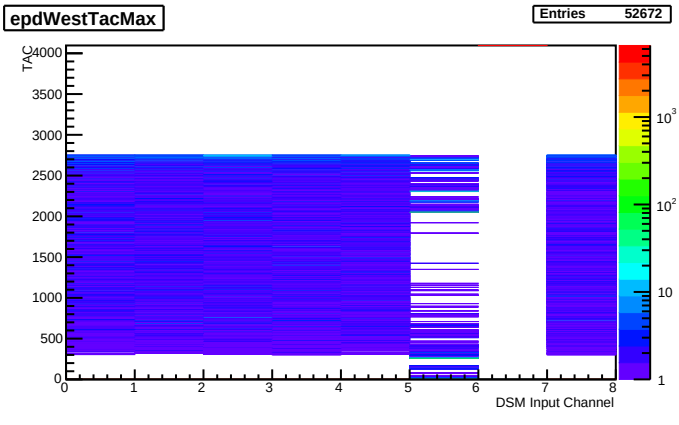

bbcSmallWestTacMaxVsSimu
Entries 4532
Data
Simu

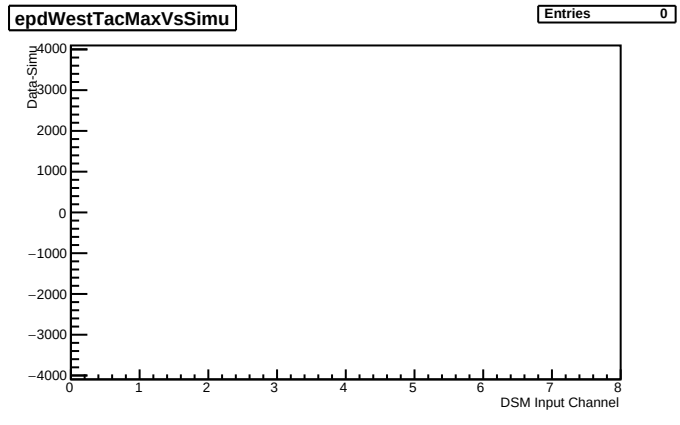

epdEastTacMax
Entries 52672
TAC
DSM Input Channel

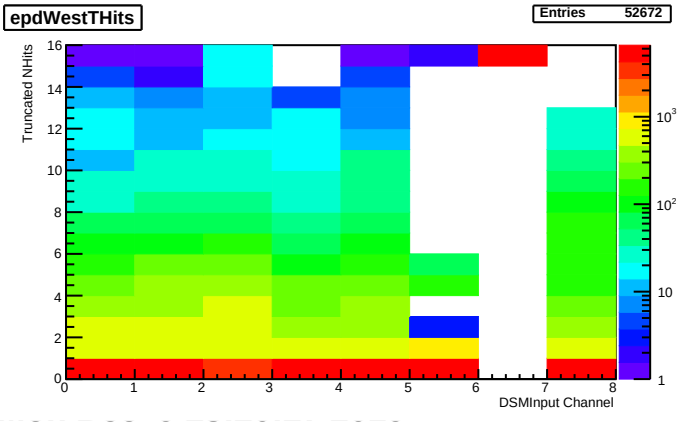

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

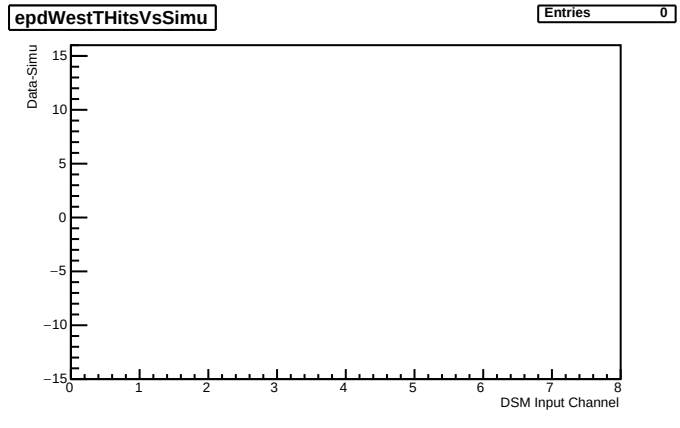

epdEastTHits
Entries 52672
Truncated NHits
DSMInput Channel

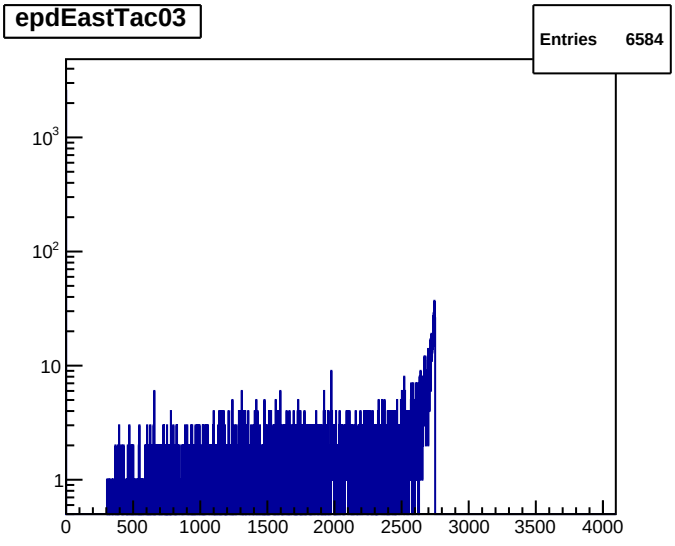

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

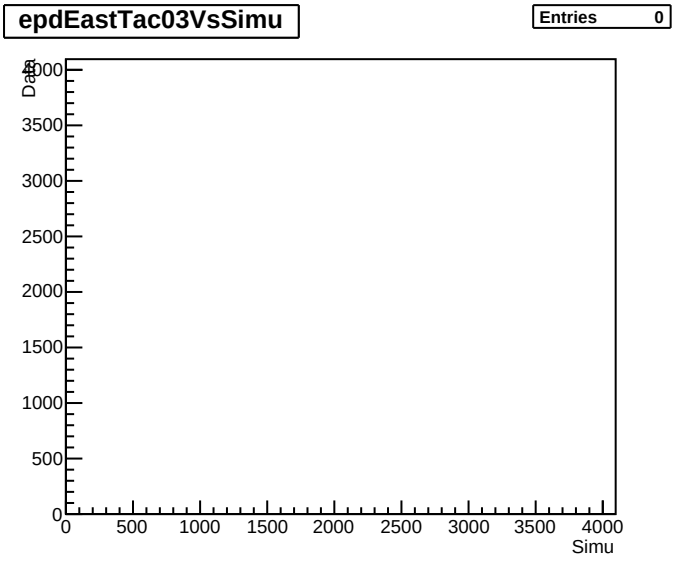

epdWestTacMax
Entries 52672
TAC
DSM Input Channel

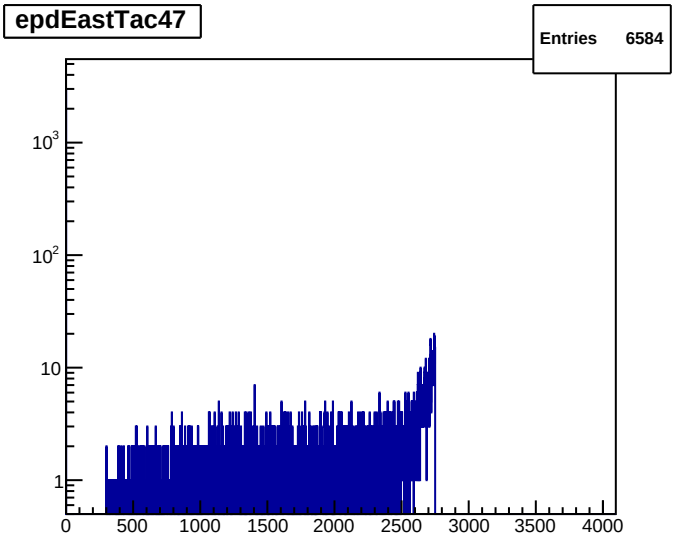

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

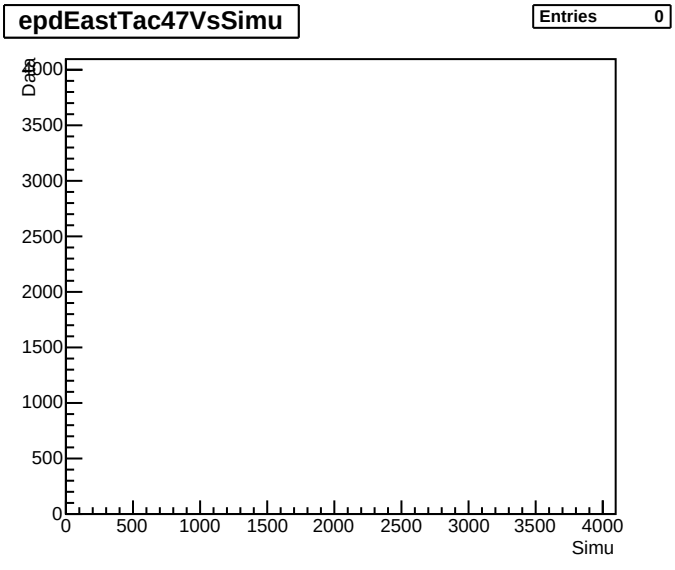

epdWestTHits
Entries 52672
Truncated NHits
DSMInput Channel

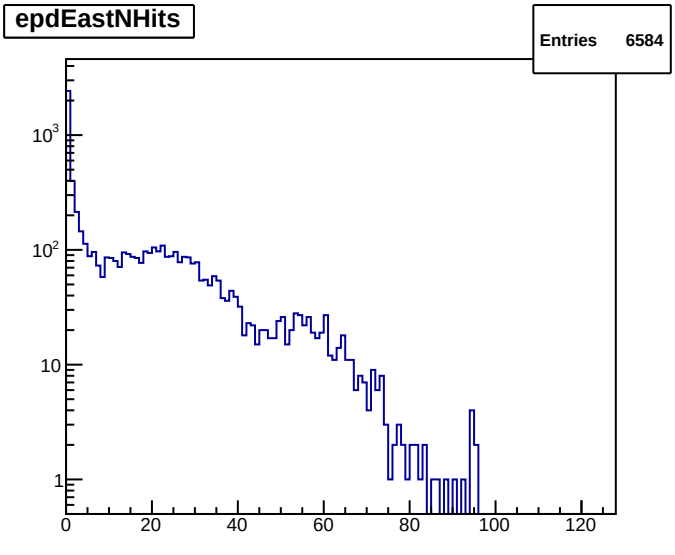

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

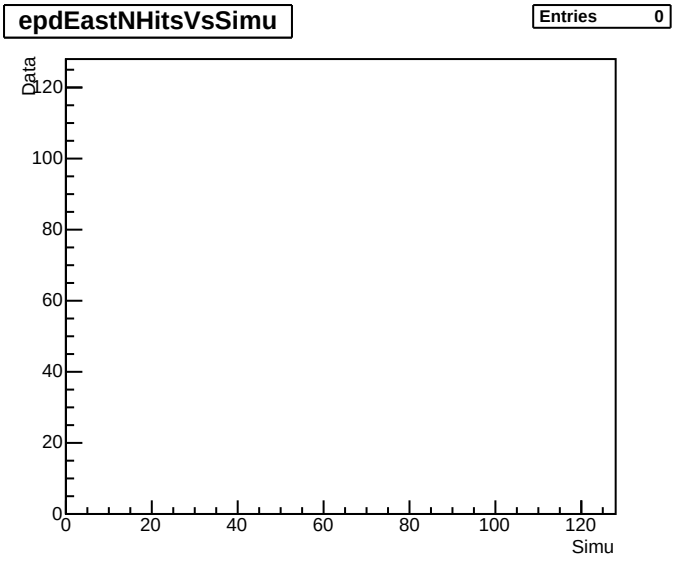

epdEastTac03
Entries 6584

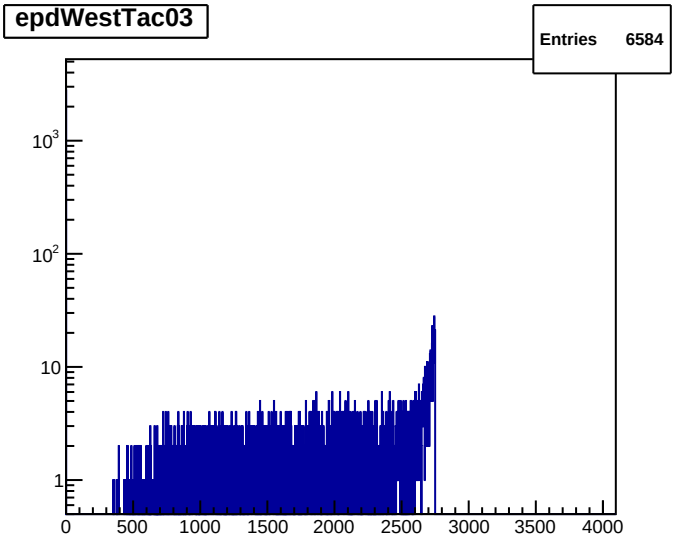

epdEastTac03VsSimu
Entries 0
Data
Simu

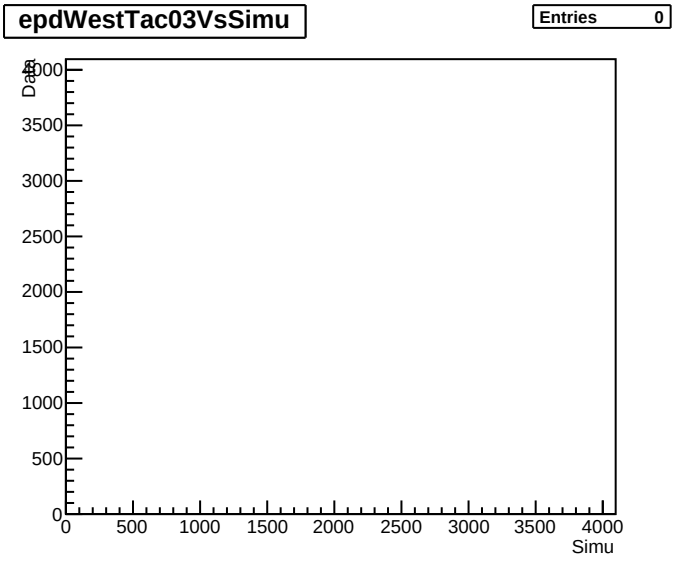

epdEastTac47
Entries 6584

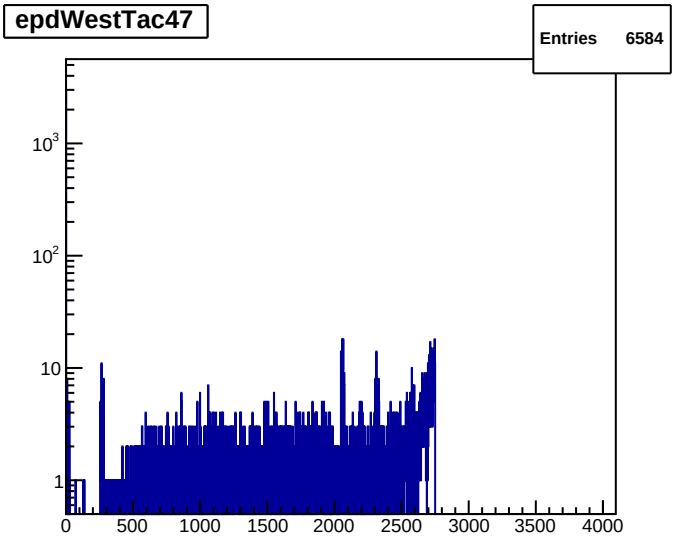

epdEastTac47VsSimu
Entries 0
Data
Simu

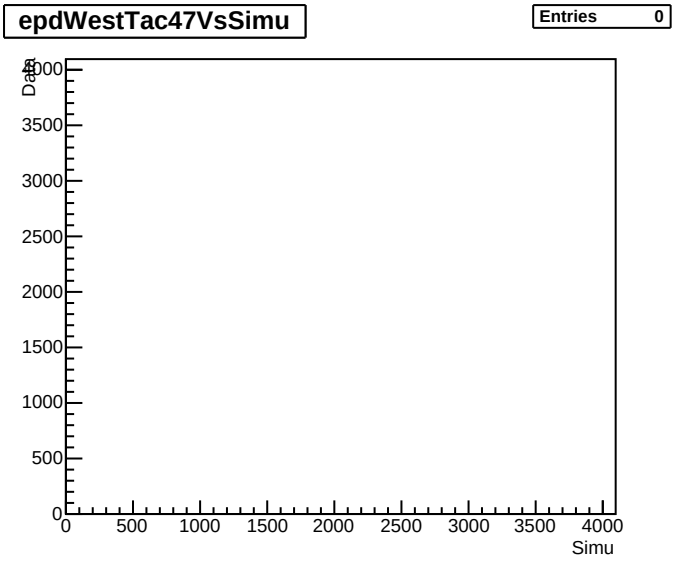

epdEastNHits
Entries 6584

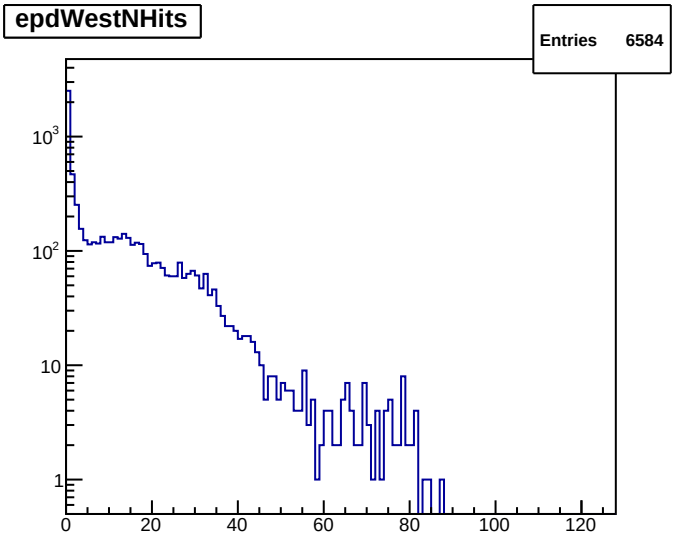

epdEastNHitsVsSimu
Entries 0
Data
Simu

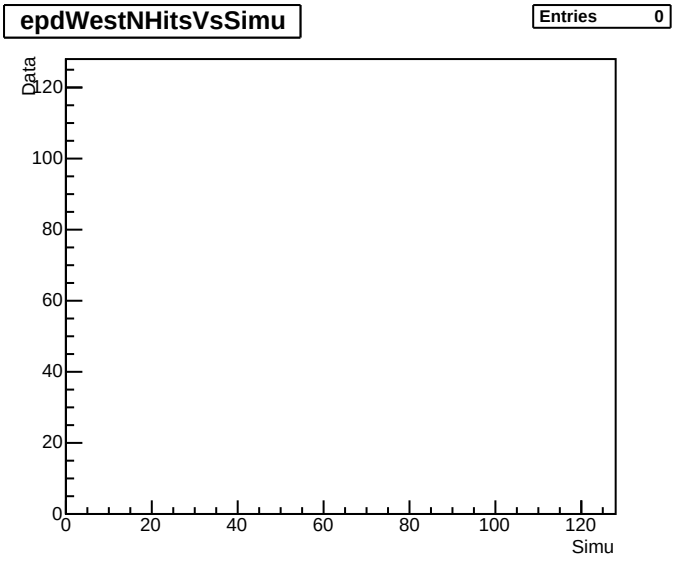

epdWestTac03
Entries 6584

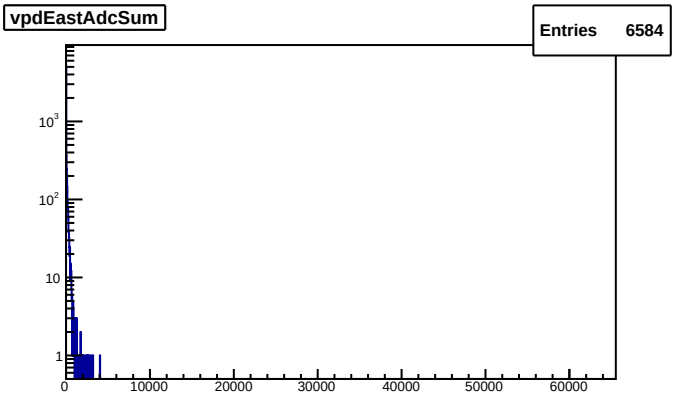

epdWestTac03VsSimu
Entries 0
Data
Simu

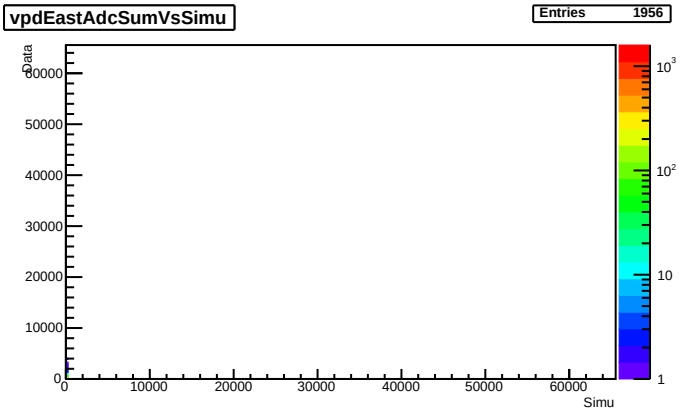

epdWestTac47
Entries 6584

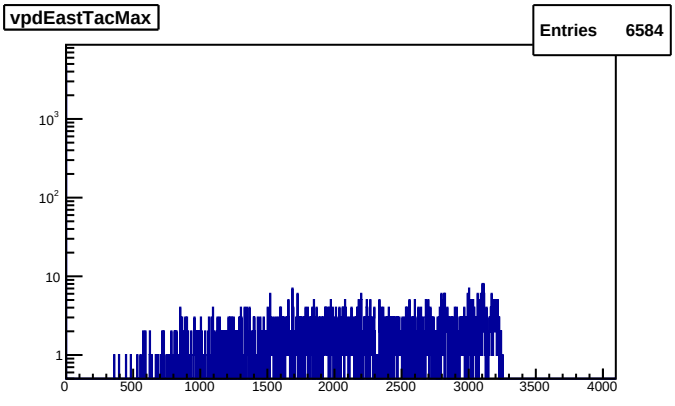

epdWestTac47VsSimu
Entries 0
Data
Simu

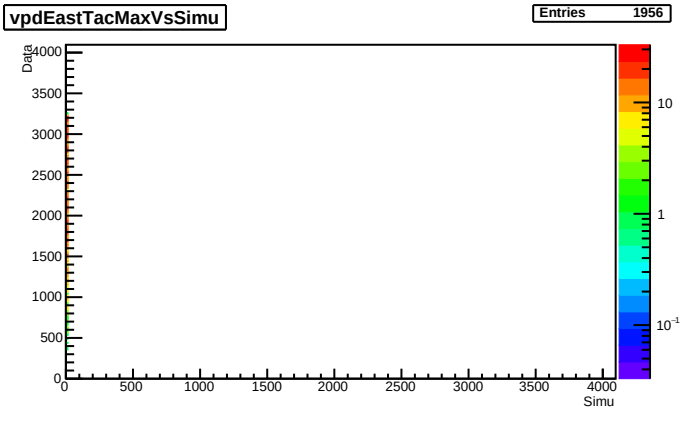

epdWestNHits
Entries 6584

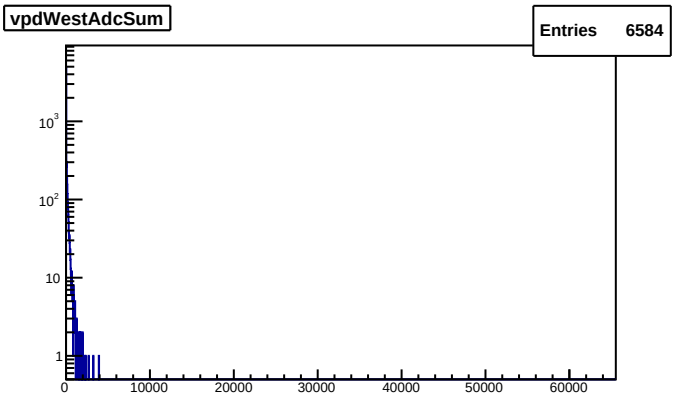

epdWestNHitsVsSimu
Entries 0
Data
Simu

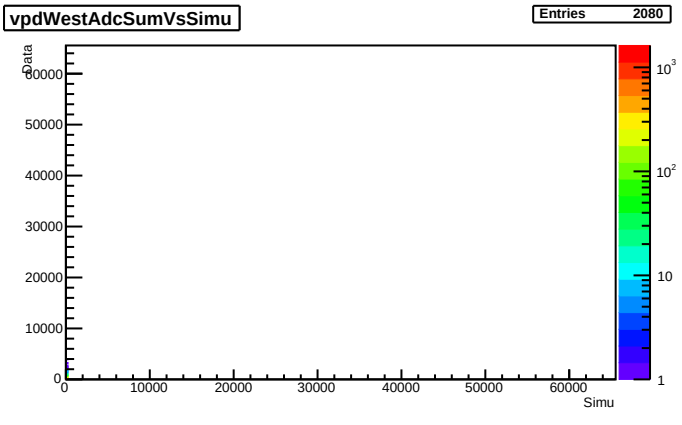

vpdEastAdcSum
Entries 6584

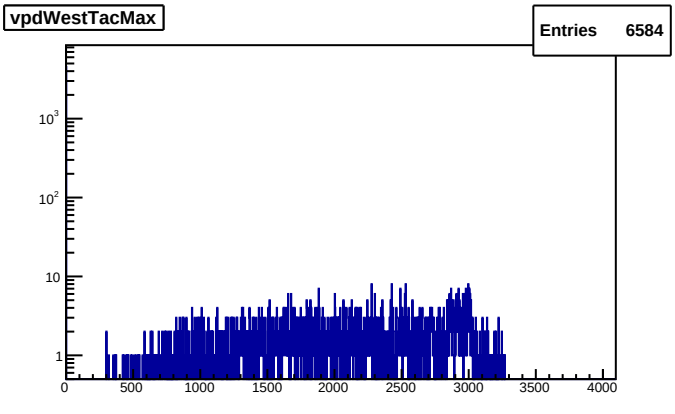

vpdEastAdcSumVsSimu
Entries 1956
Data
Simu

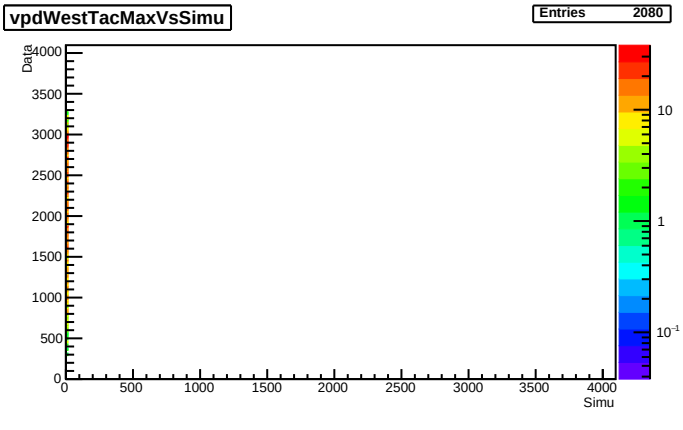

vpdEastTacMax
Entries 6584

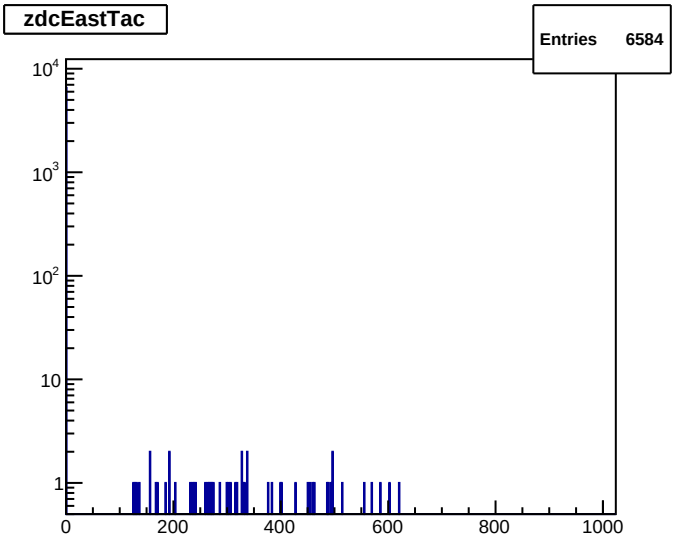

vpdEastTacMaxVsSimu
Entries 1956
Data
Simu

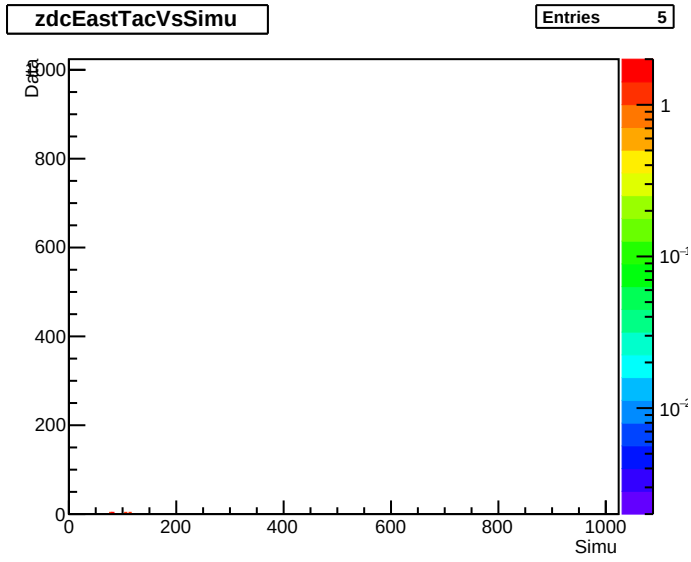

vpdWestAdcSum
Entries 6584

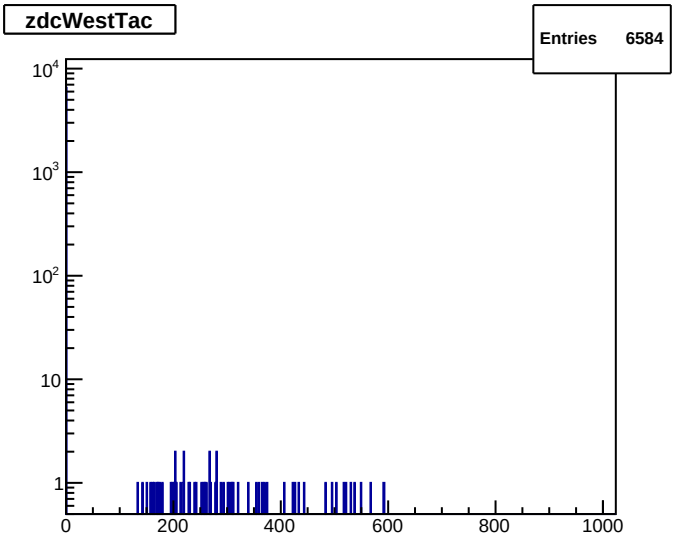

vpdWestAdcSumVsSimu
Entries 2080
Data
Simu

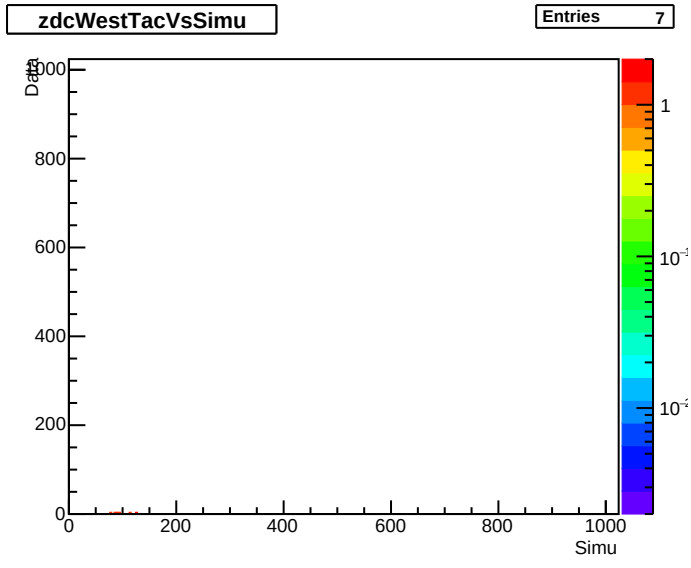

vpdWestTacMax
Entries 6584

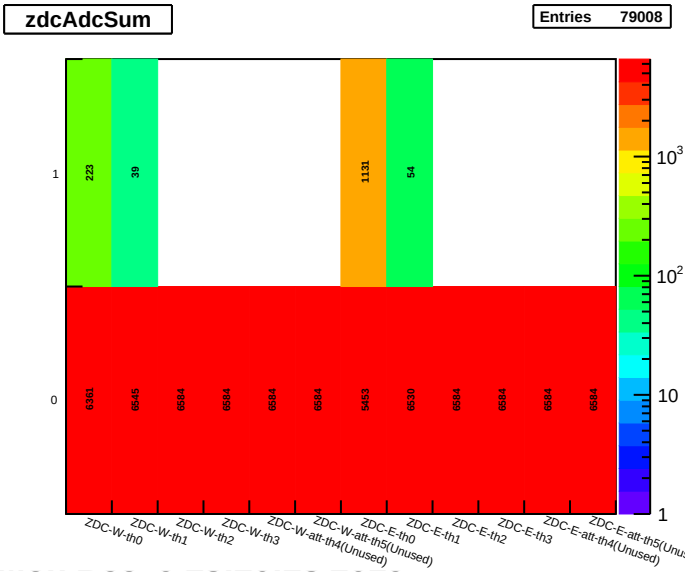

vpdWestTacMaxVsSimu
Entries 2080
Data
Simu

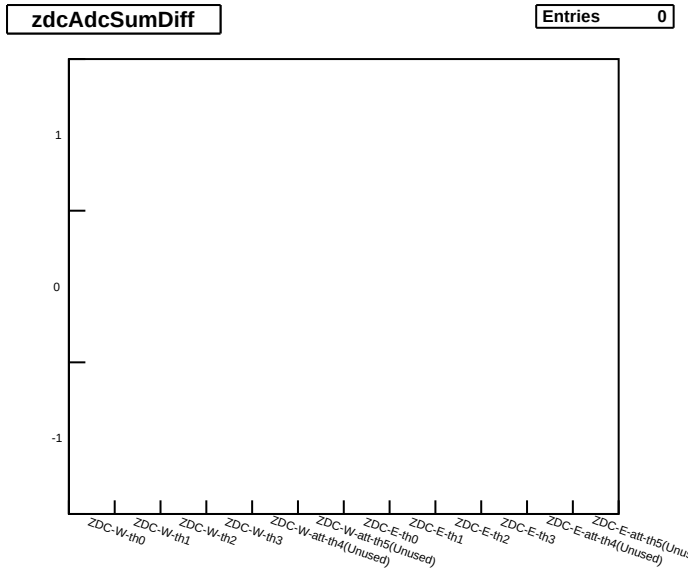

zdcEastTac
Entries 6584

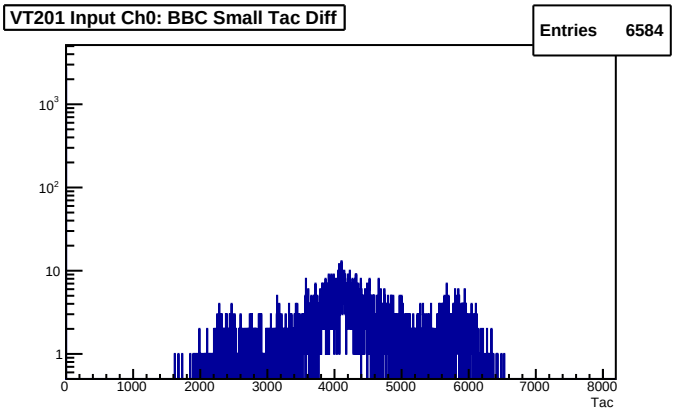

zdcEastTacVsSimu
Entries 5
Data
Simu

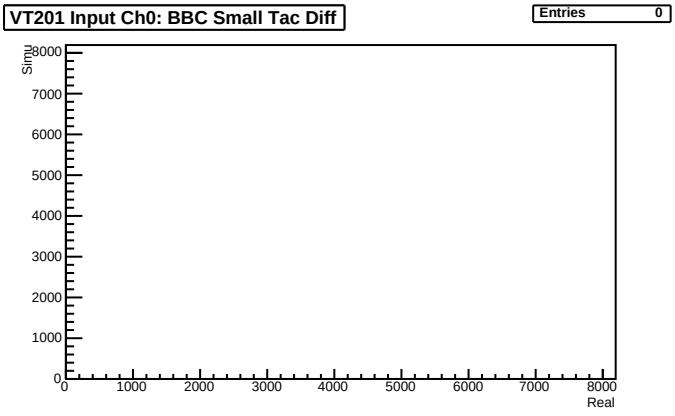

zdcWestTac
Entries 6584

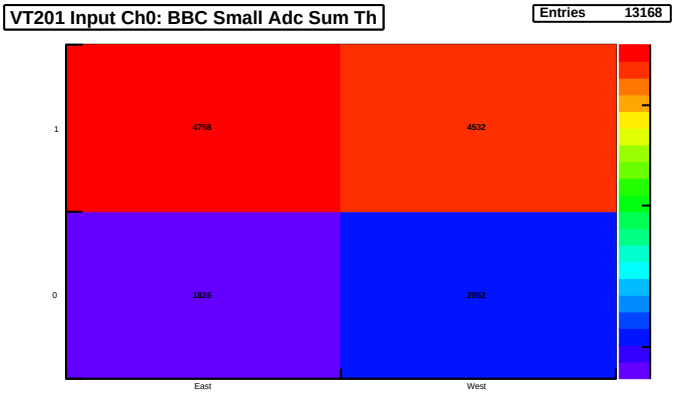

zdcWestTacVsSimu
Entries 7
Data
Simu

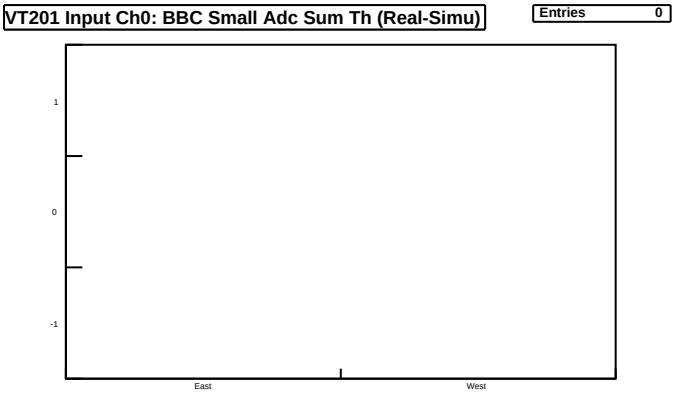

zdcAdcSum
Entries 79008
223
39
1131
54
6361
6545
6584
6584
6584
6584
5453
6530
6584
6584
6584
6584
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

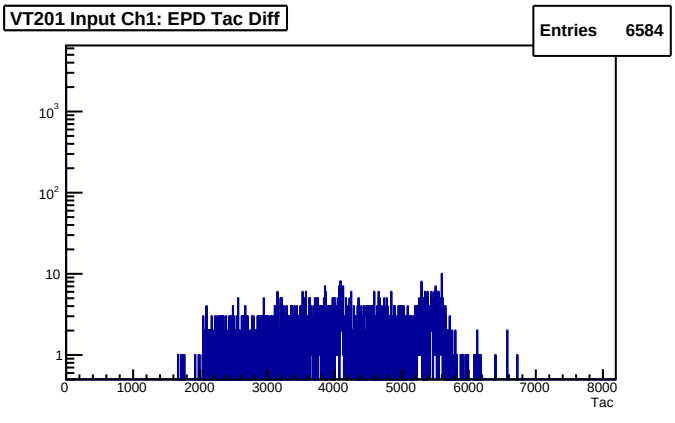

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

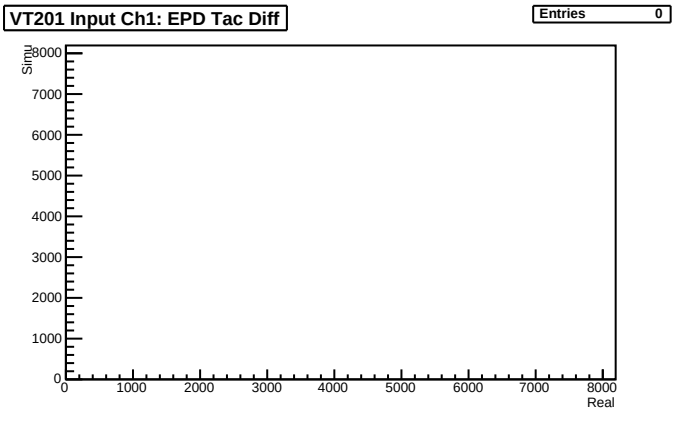

VT201 Input Ch0: BBC Small Tac Diff
Entries 6584
Tac

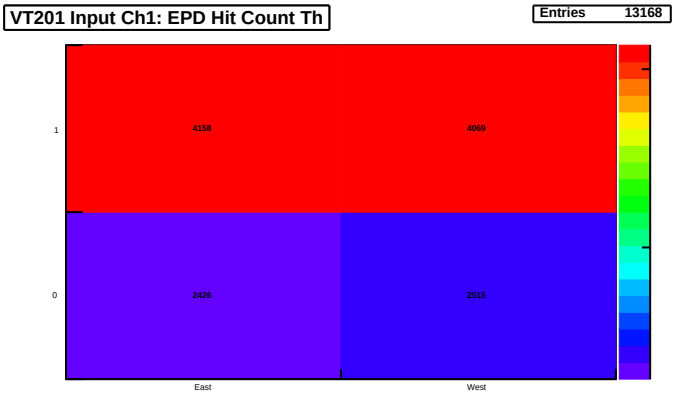

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

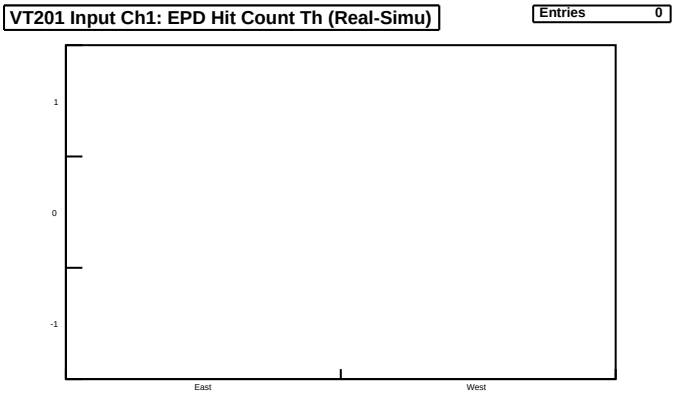

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 13168
4758
4532
1826
2052
East
West

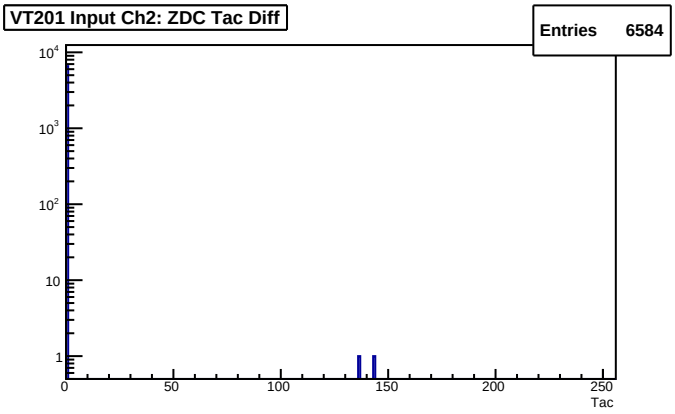

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

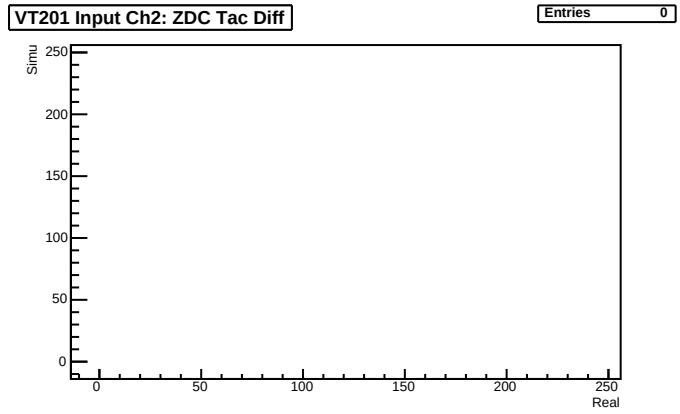

VT201 Input Ch1: EPD Tac Diff
Entries 6584
Tac

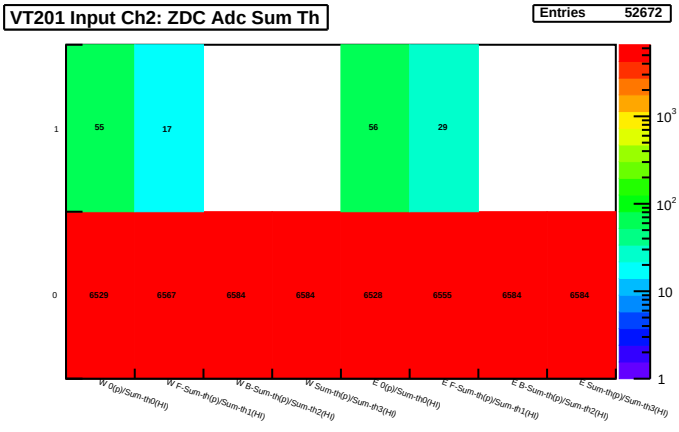

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

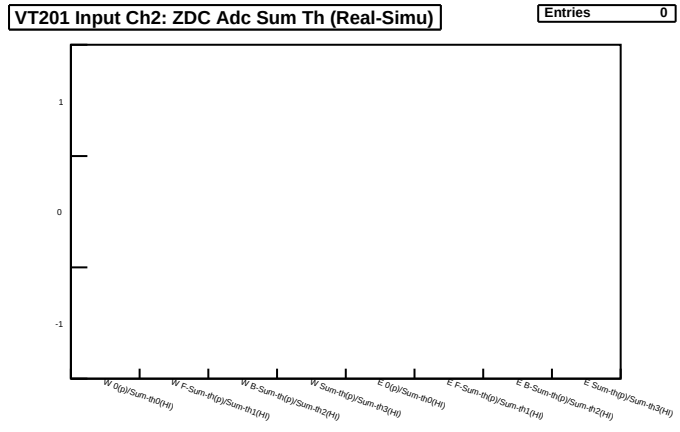

VT201 Input Ch1: EPD Hit Count Th
Entries 13168
4158
4069
2426
2515
East
West

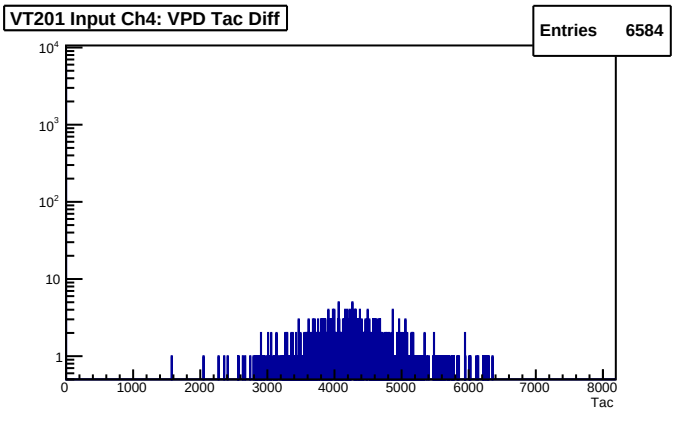

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

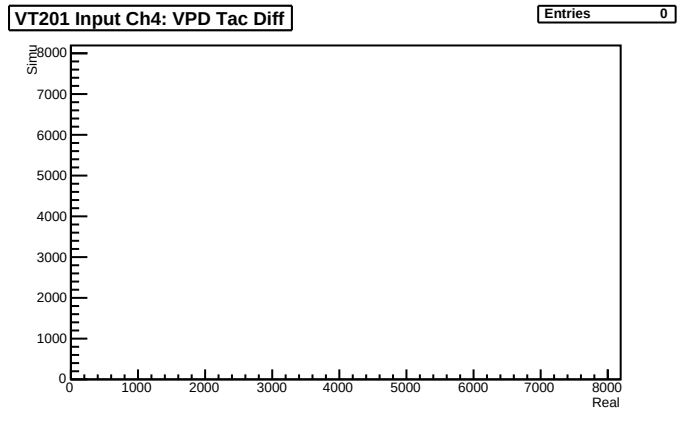

VT201 Input Ch2: ZDC Tac Diff
Entries 6584
Tac

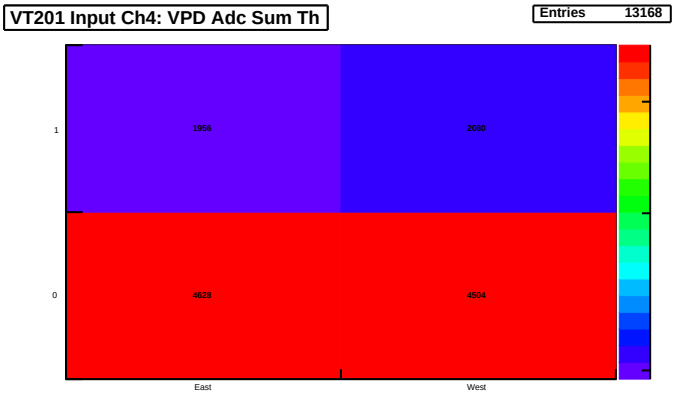

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

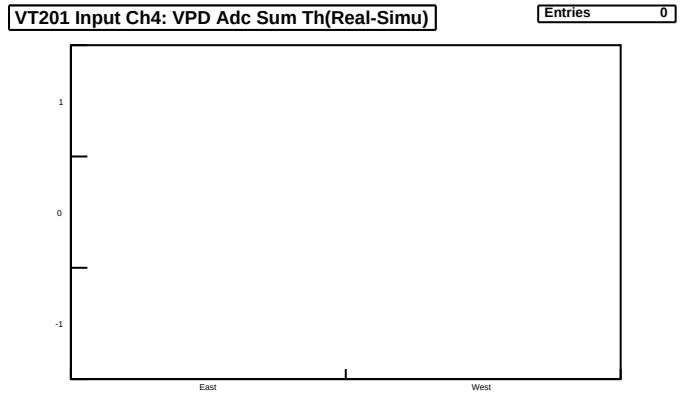

VT201 Input Ch2: ZDC Adc Sum Th
Entries 52672
55
17
56
29
6529
6567
6584
6584
6528
6555
6584
6584
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

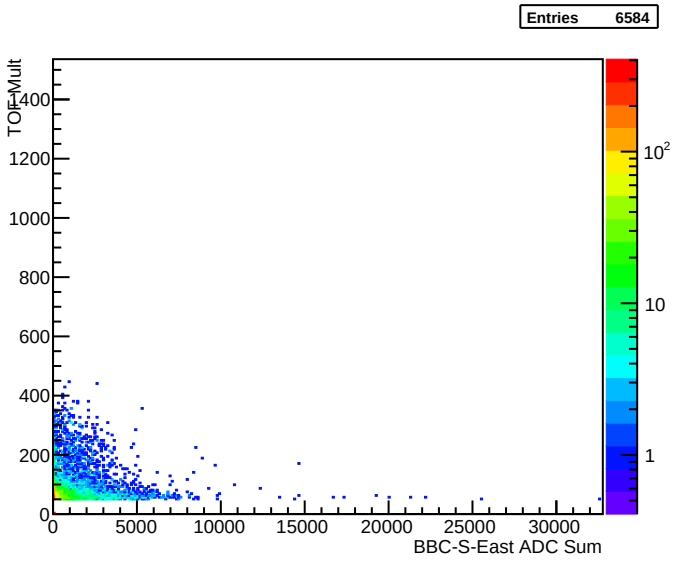

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

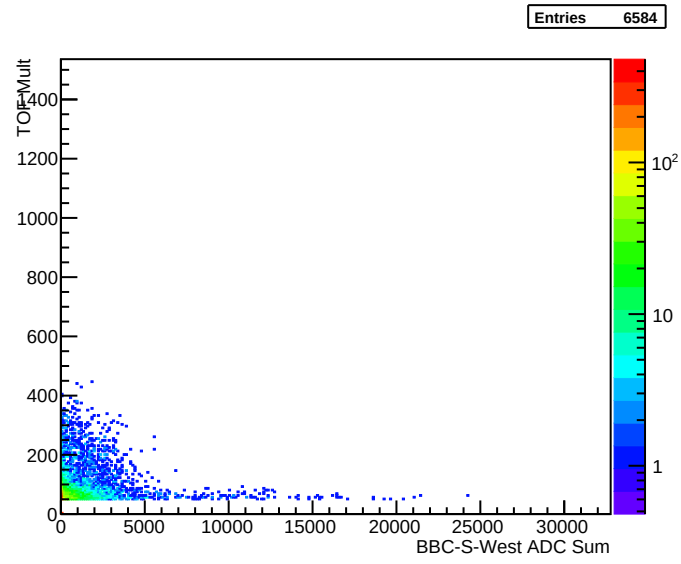

VT201 Input Ch4: VPD Tac Diff
Entries 6584
Tac

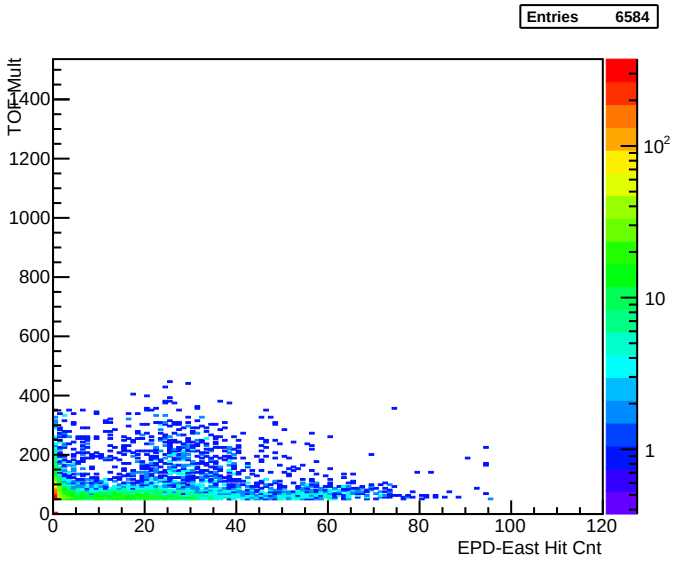

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

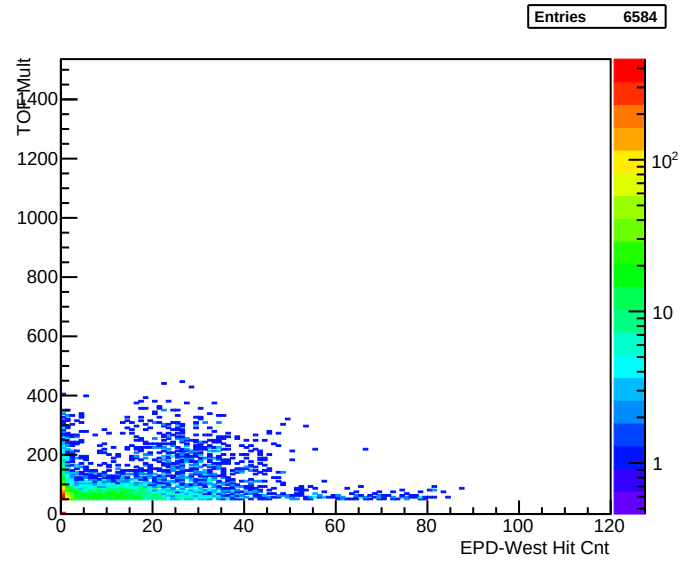

VT201 Input Ch4: VPD Adc Sum Th
Entries 13168
1956
2080
4628
4504
East
West

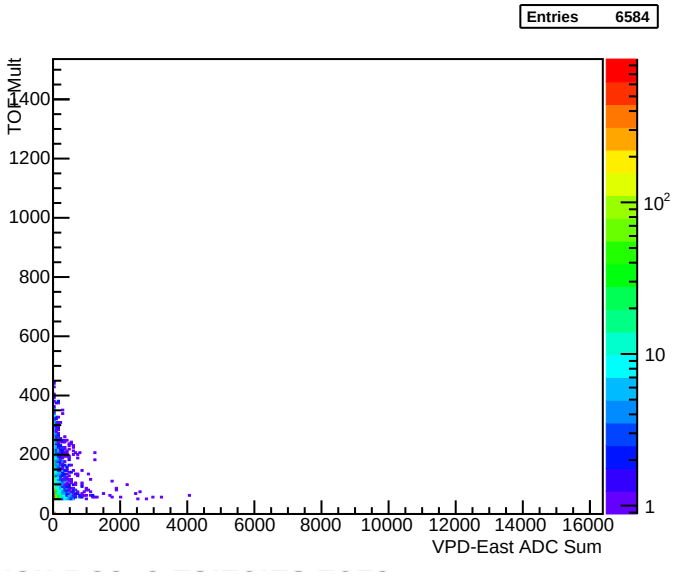

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

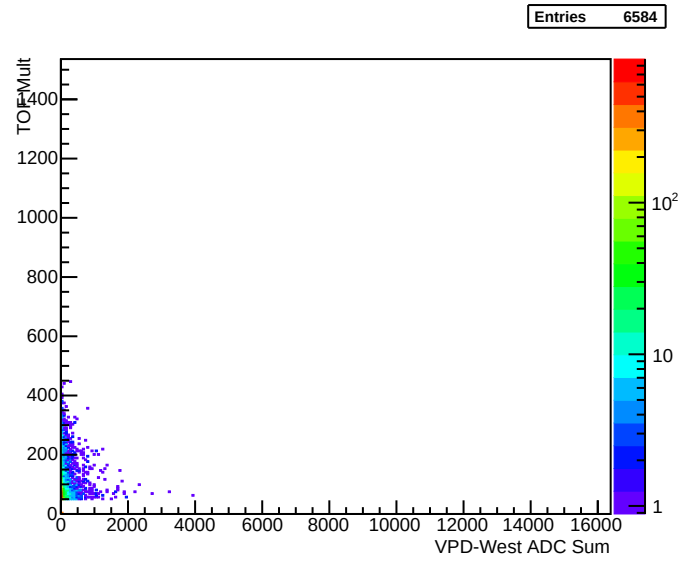

Entries 6584
TOF-Mult
BBC-S-East ADC Sum

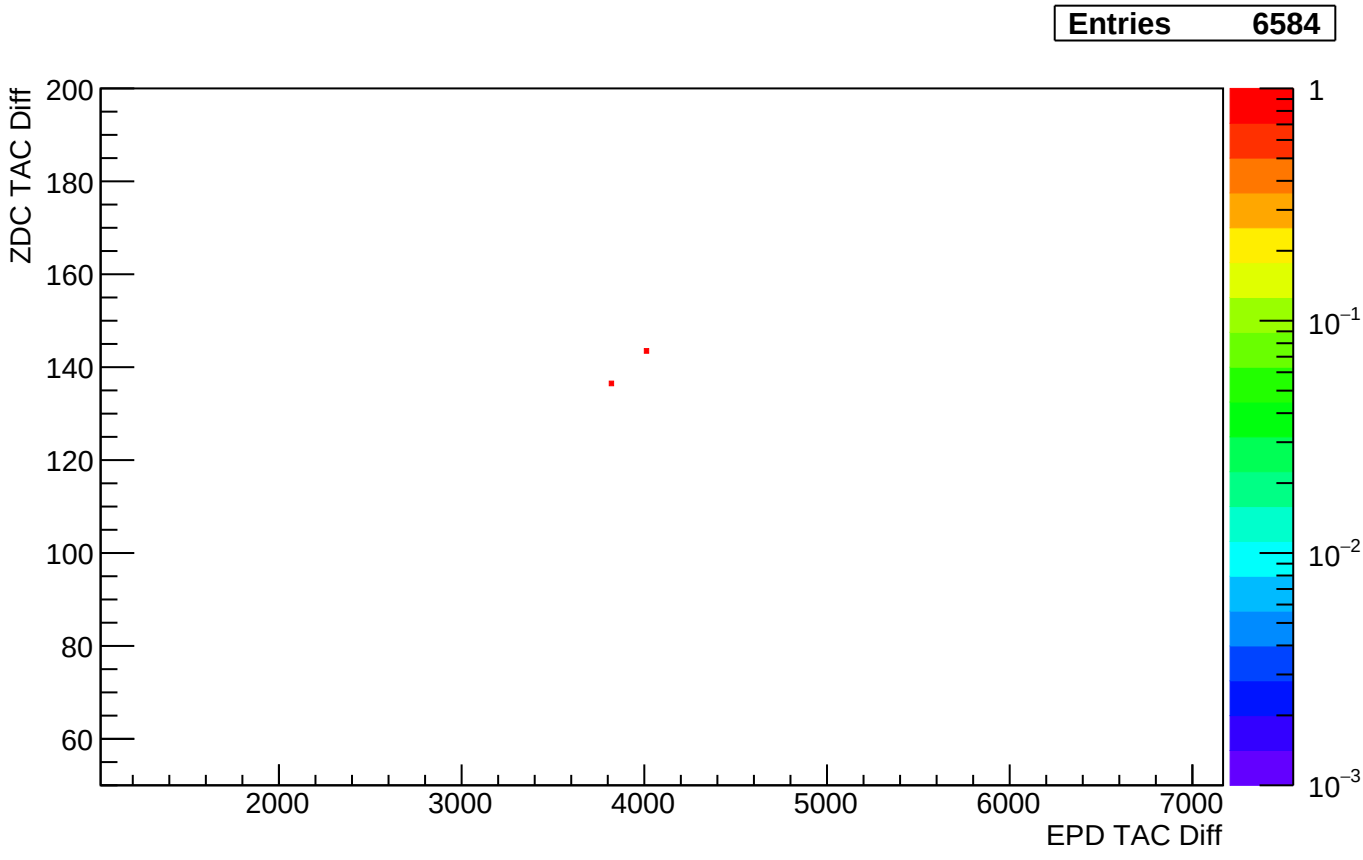

Entries 6584
TOF-Mult
BBC-S-West ADC Sum

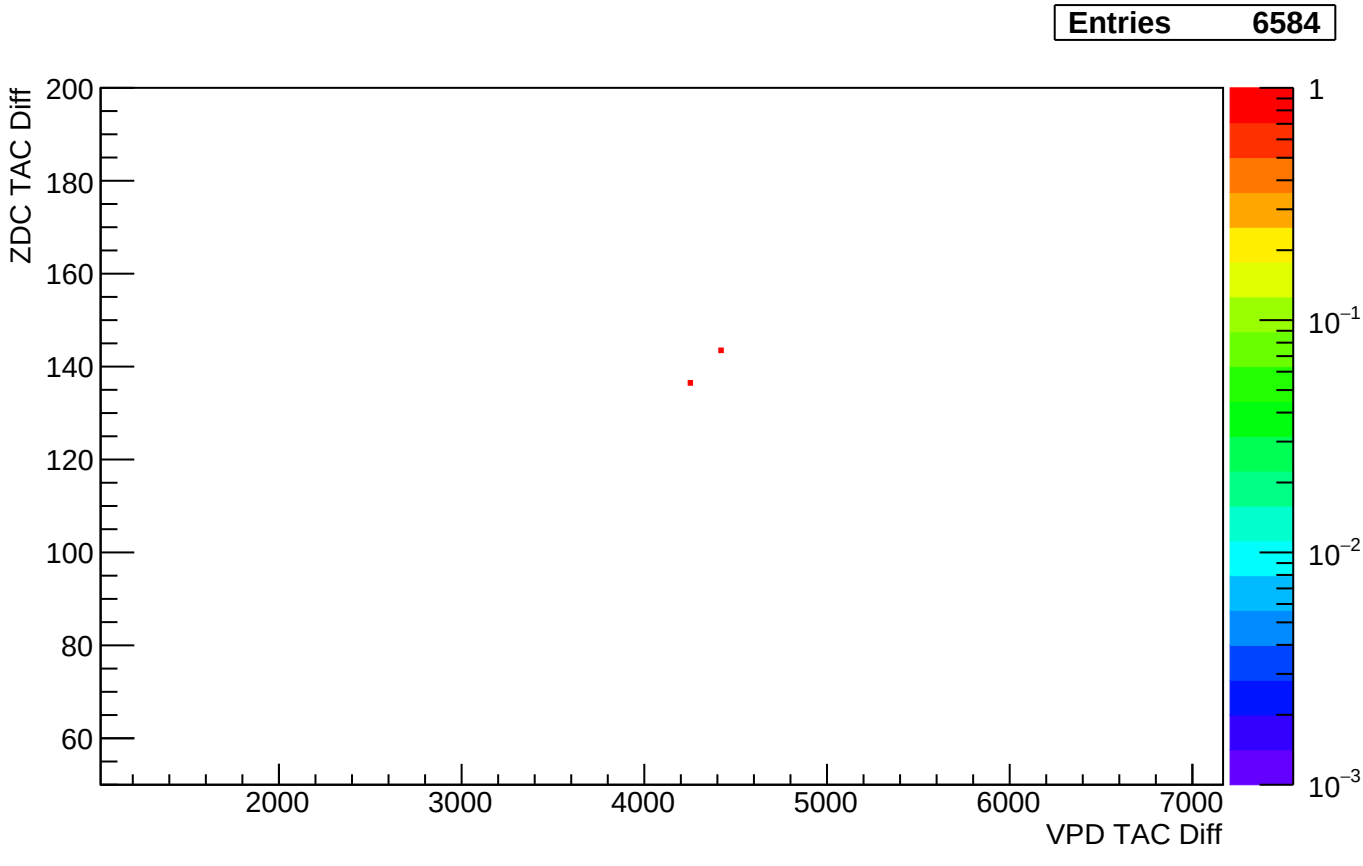

Entries 6584
TOF-Mult
EPD-East Hit Cnt

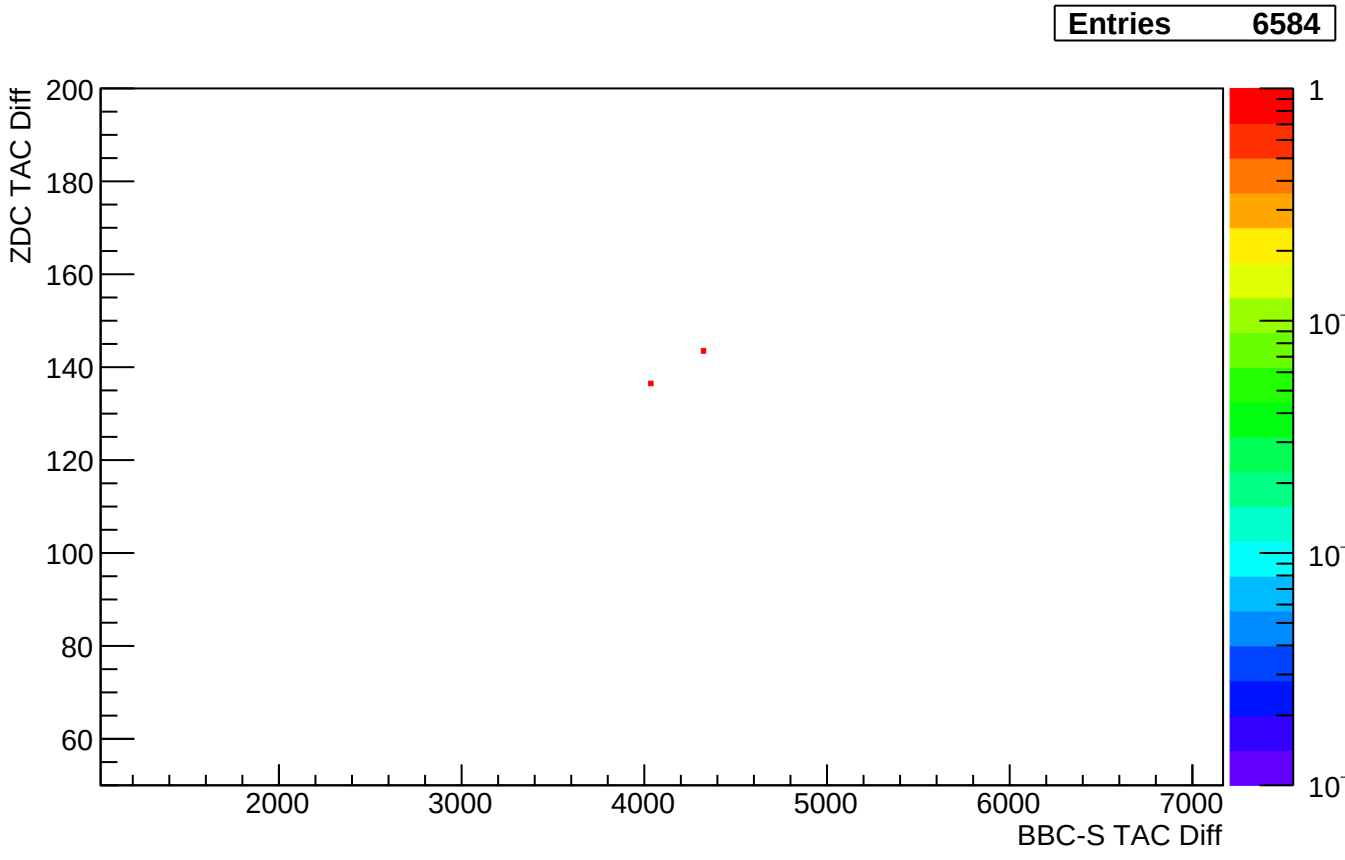

Entries 6584
TOF-Mult
EPD-West Hit Cnt

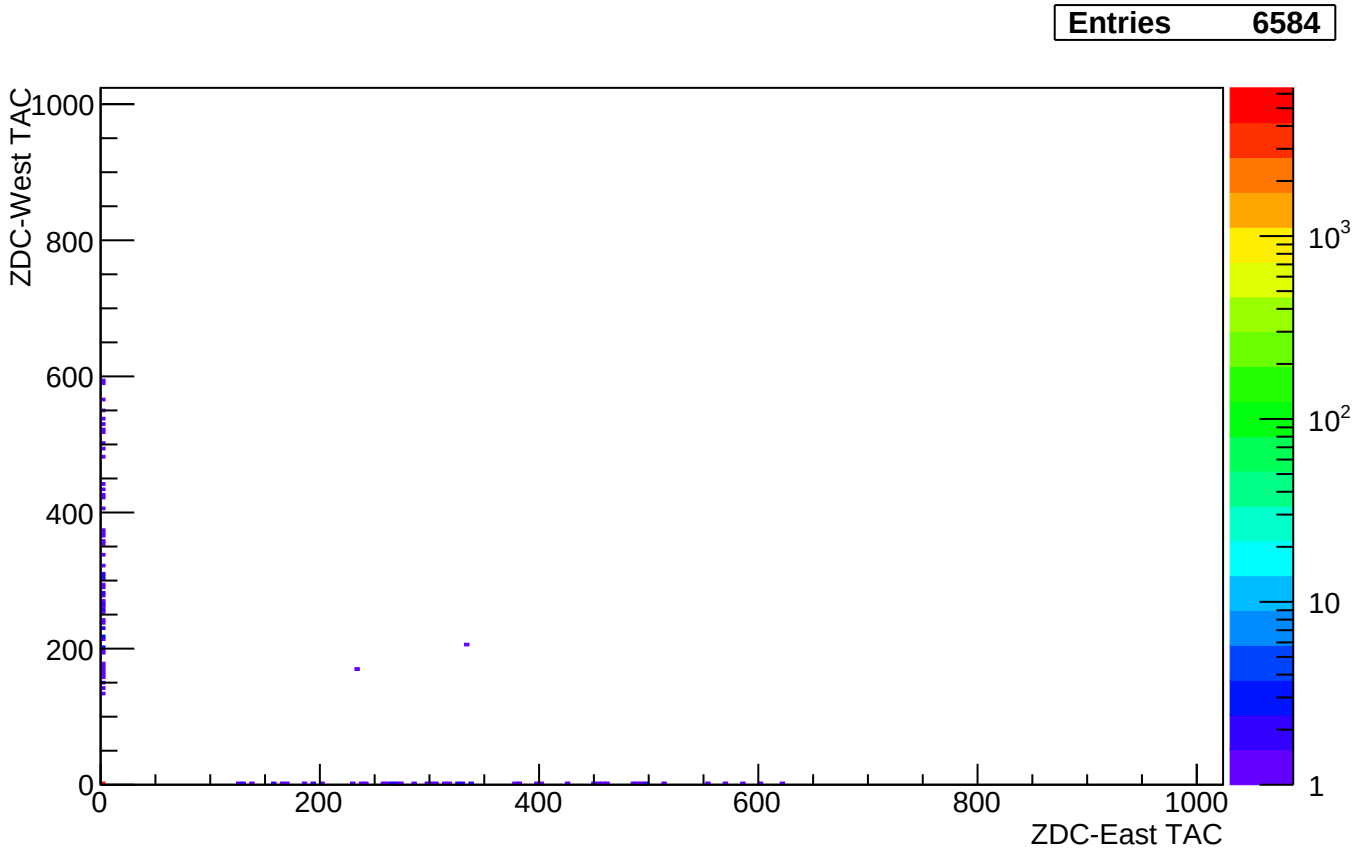

Entries 6584
TOF-Mult
VPD-East ADC Sum

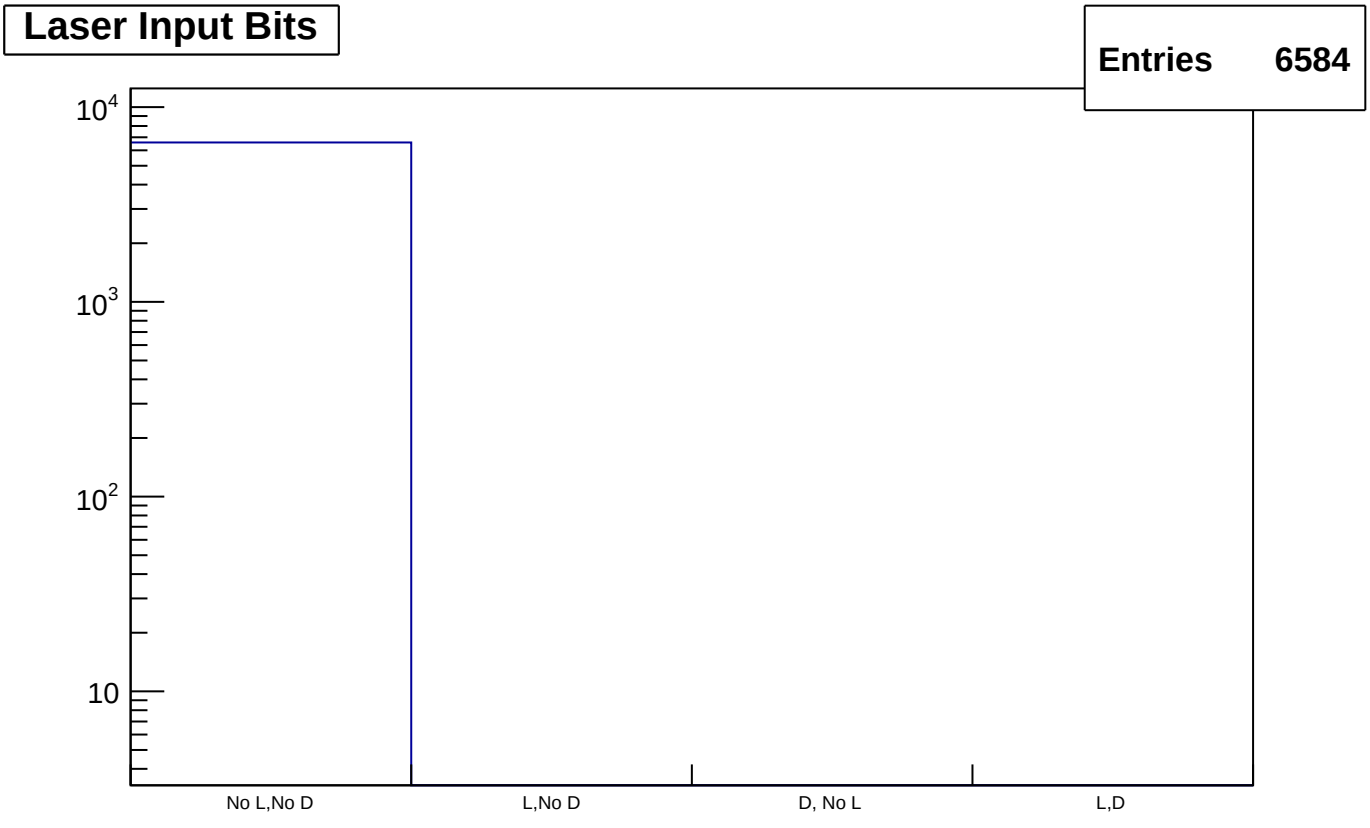

Entries 6584
TOF-Mult
VPD-West ADC Sum

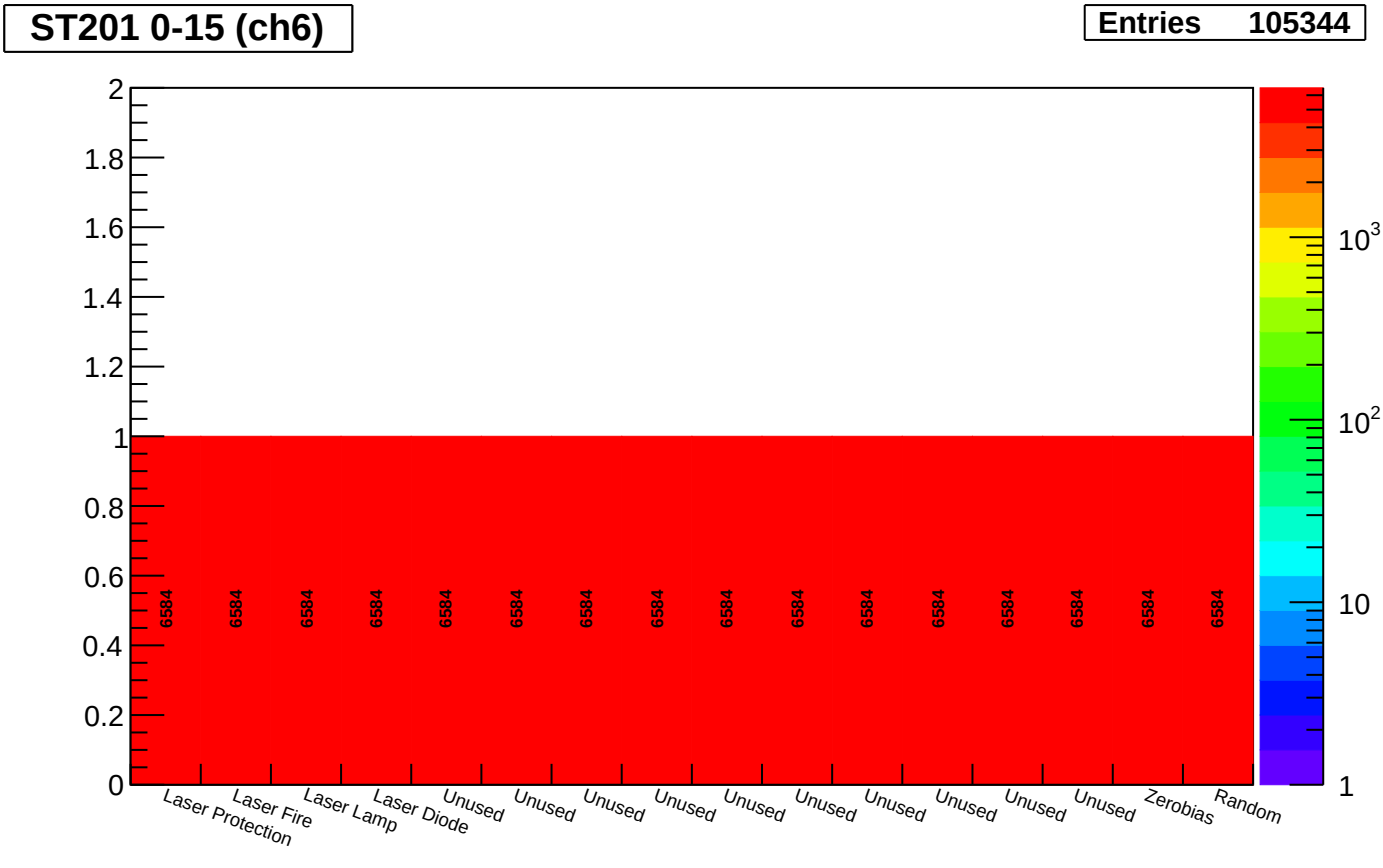

Entries 6584
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

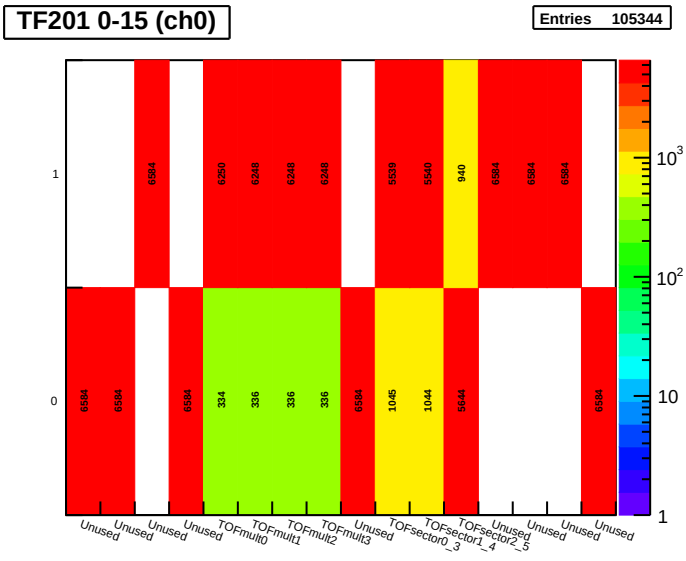

Entries 6584
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

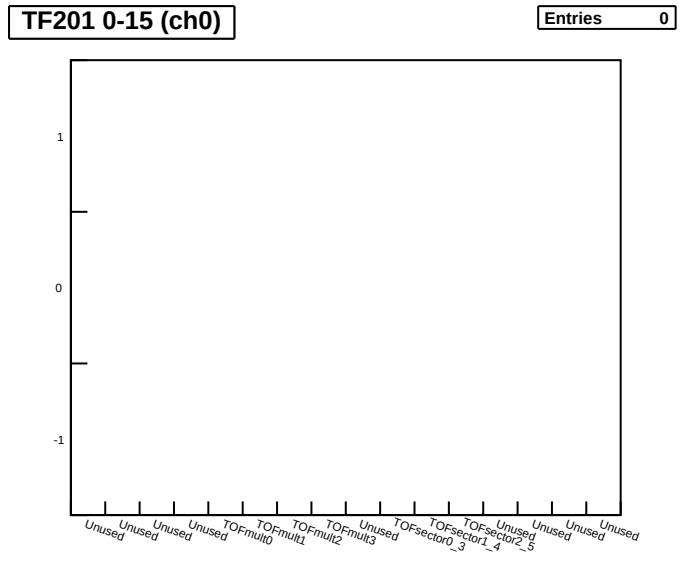

Entries 6584
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

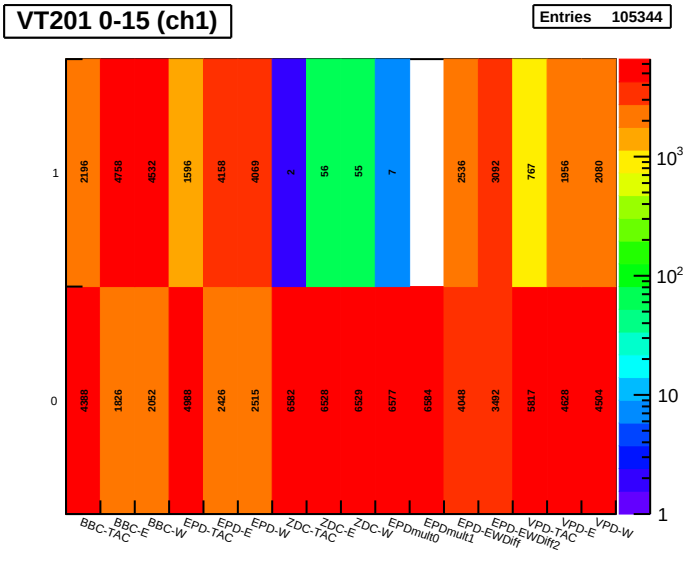

Entries 6584
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^3
10^2
10
1

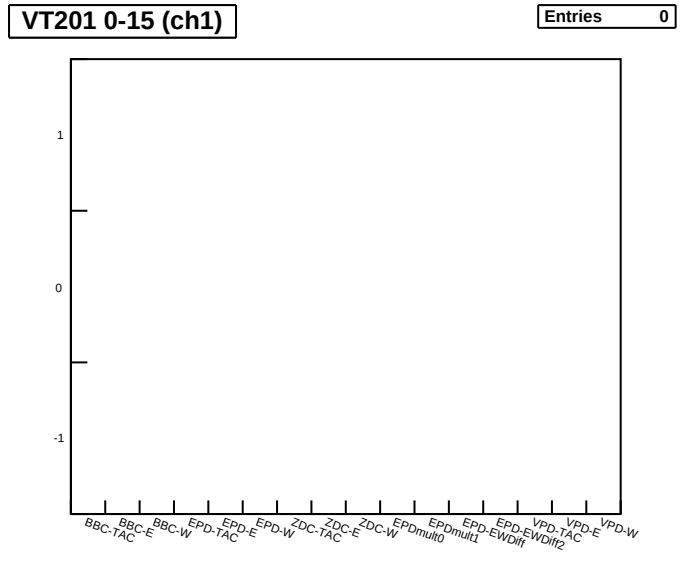

Laser Input Bits
Entries 6584
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

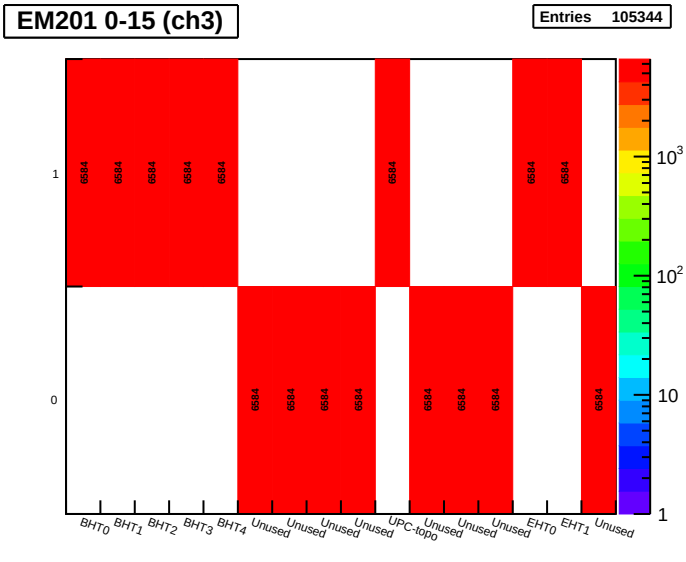

ST201 0-15 (ch6)
Entries 105344
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
6584
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

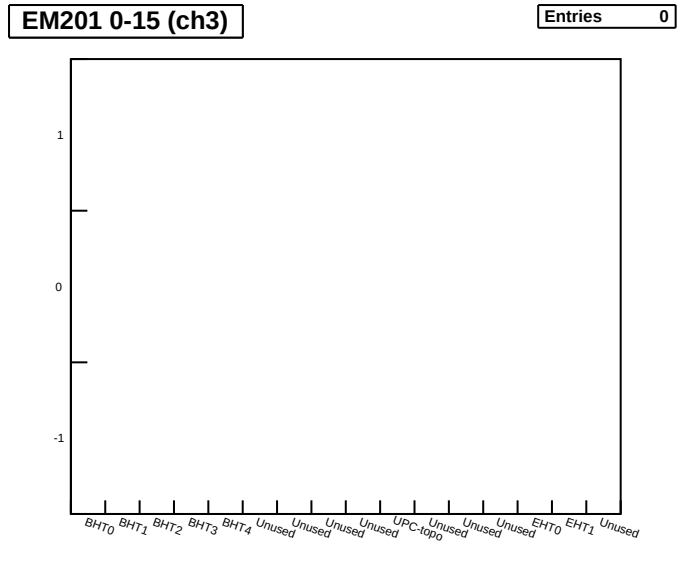

TF201 0-15 (ch0)
Entries 105344
1
0
6584 6250 6248 6248 6248 5539 5540 940 6584 6584 6584
6584 6584 6584 334 336 336 336 6584 1045 1044 5644 6584
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^3
10^2
10
1


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 105344
1
0
2196 4758 4532 1596 4158 4069 2 56 55 7 2536 3092 767 1956 2080
4388 1826 2052 4988 2426 2515 6582 6528 6529 6577 6584 4048 3482 5817 4628 4504
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 105344
1
0
6584 6584 6584 6584 6584 6584 6584 6584
6584 6584 6584 6584 6584 6584 6584 6584
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