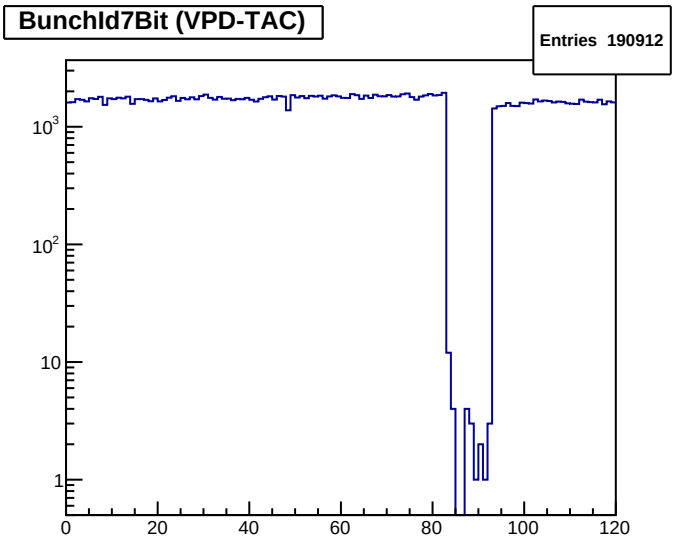
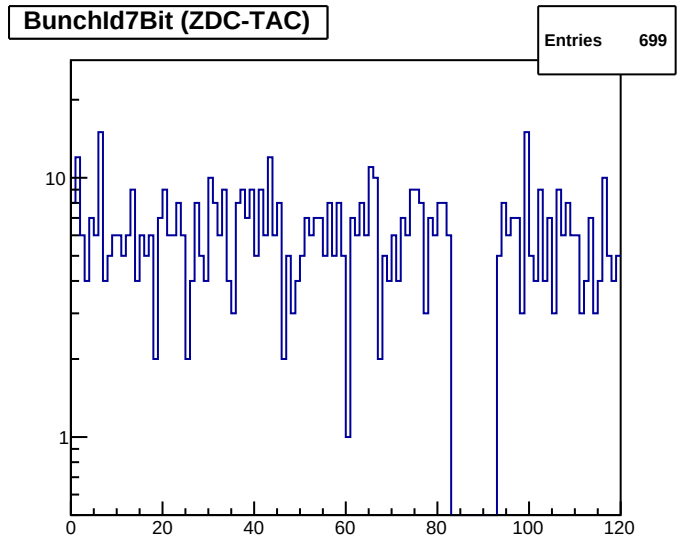
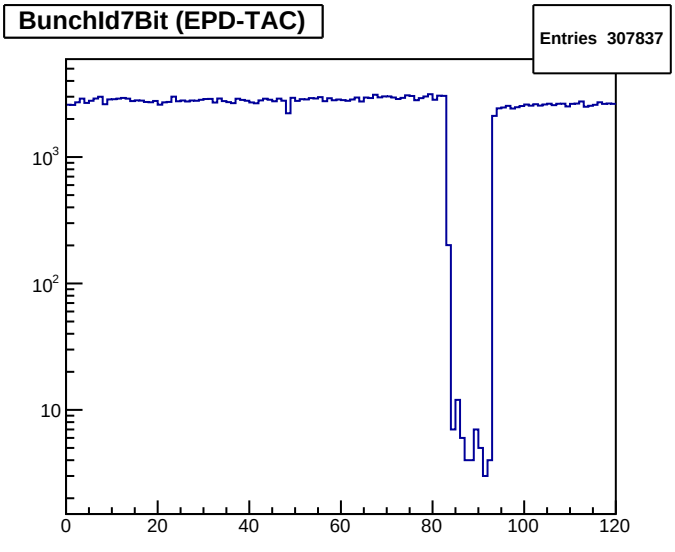
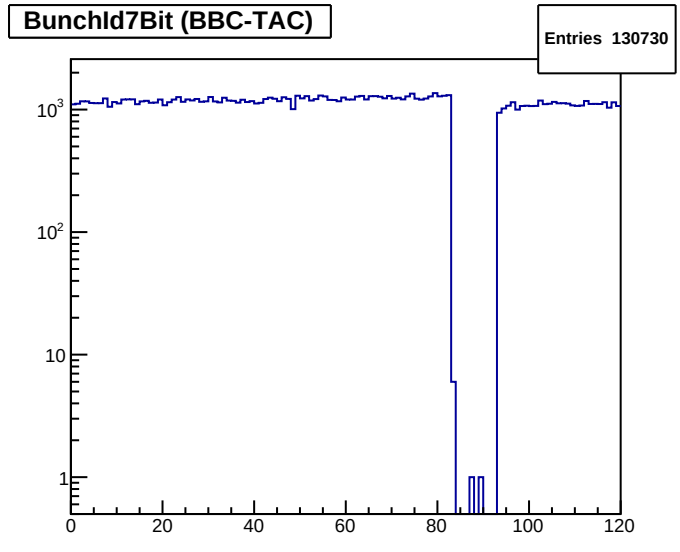
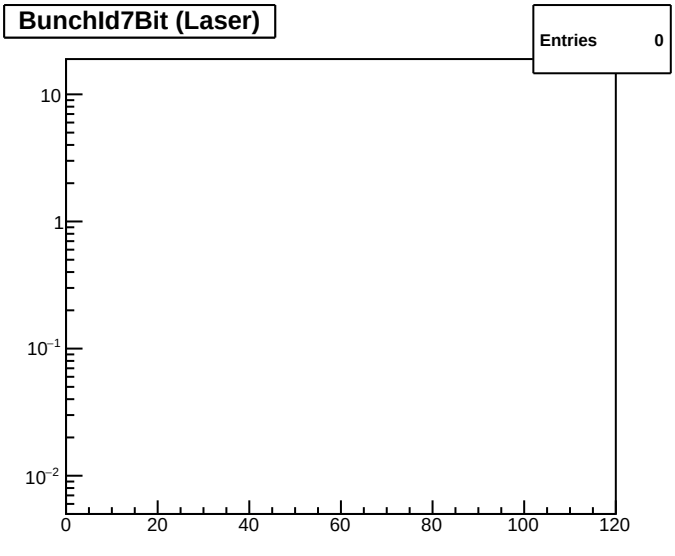
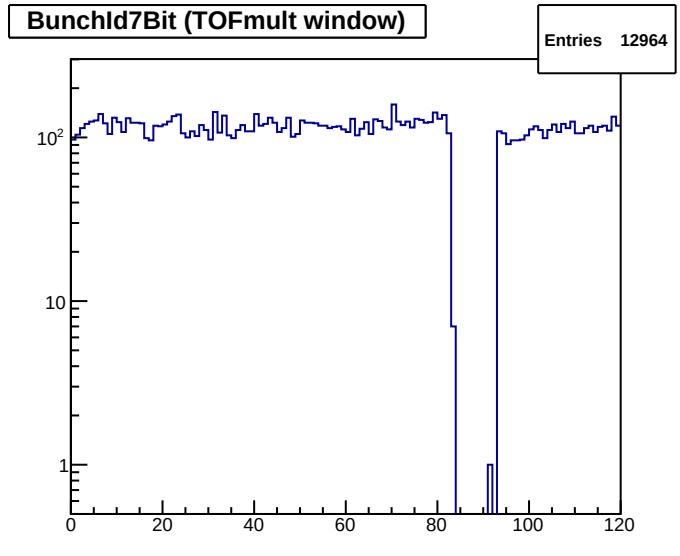

BunchId7Bit (VPD-TAC)
Entries 190912

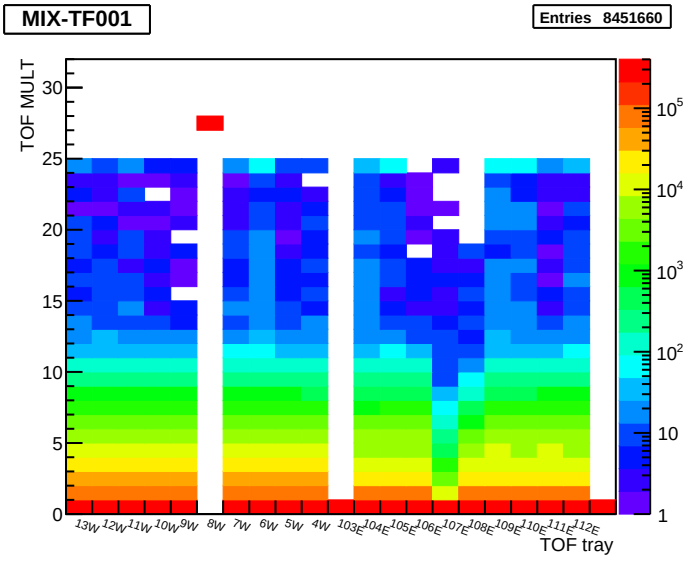

BunchId7Bit (ZDC-TAC)
Entries 699

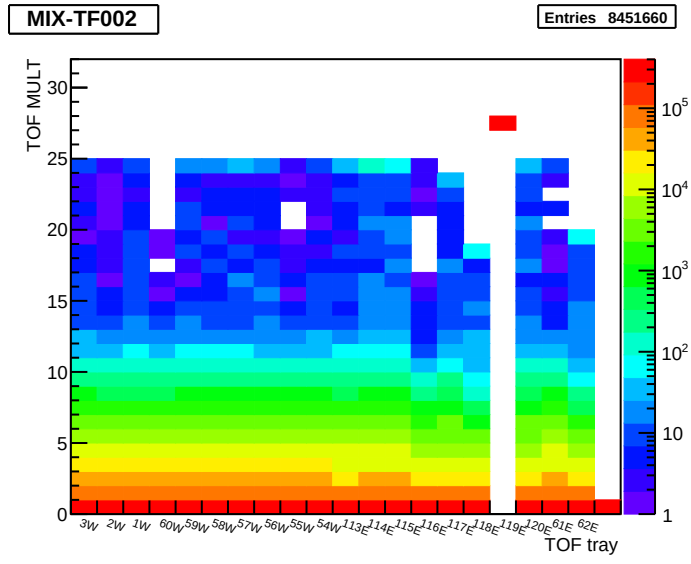

BunchId7Bit (EPD-TAC)
Entries 307837

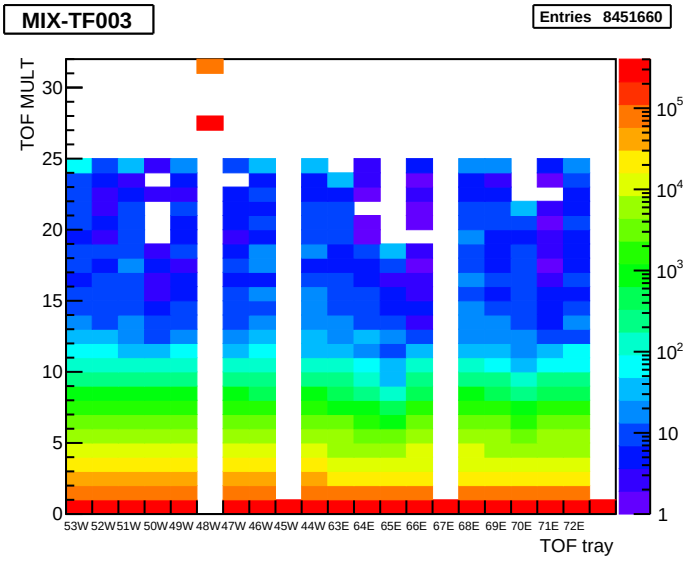

BunchId7Bit (BBC-TAC)
Entries 130730

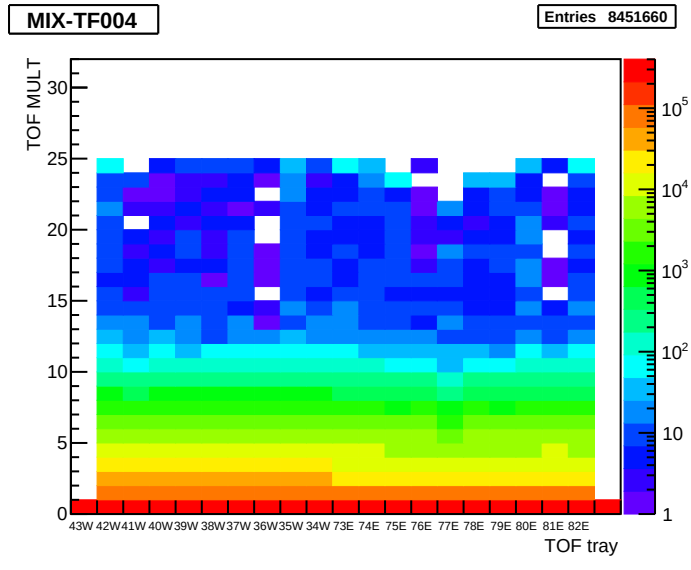

BunchId7Bit (Laser)
Entries 0

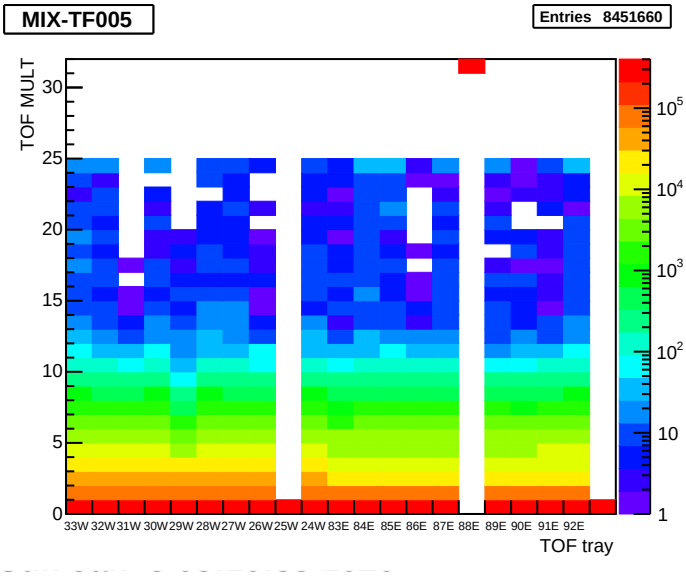

BunchId7Bit (TOFmult window)
Entries 12964

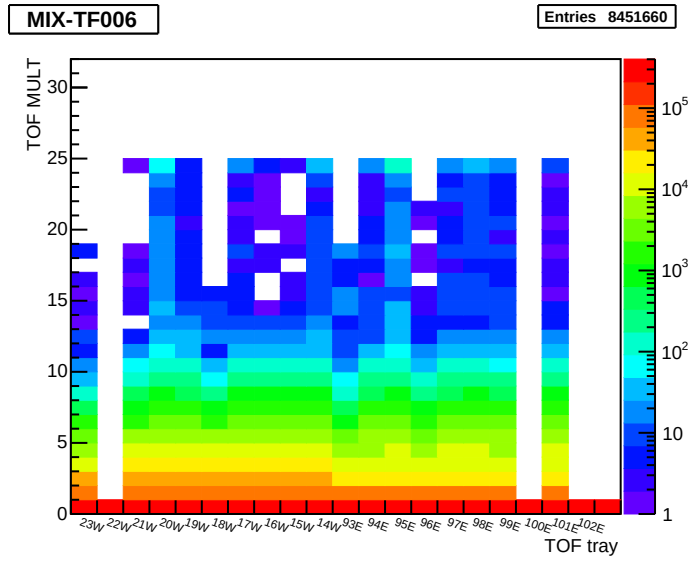

MIX-TF001
Entries 8451660
TOF MULT
TOF tray

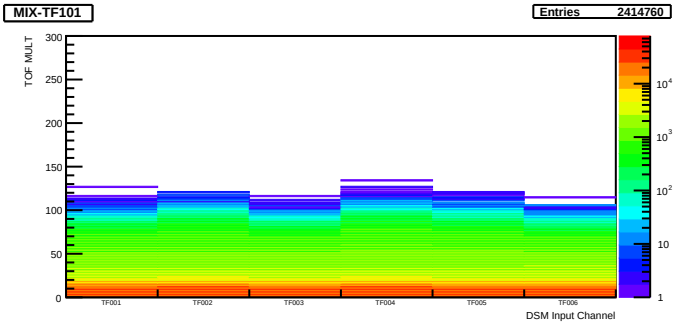

MIX-TF002
Entries 8451660
TOF MULT
TOF tray

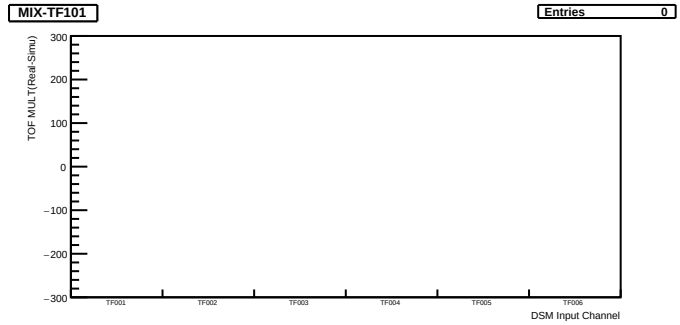

MIX-TF003
Entries 8451660
TOF MULT
TOF tray

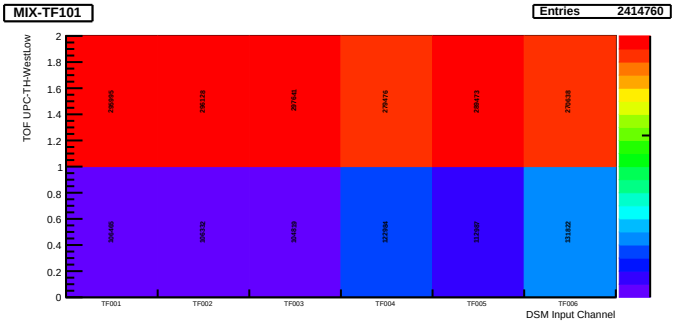

MIX-TF004
Entries 8451660
TOF MULT
TOF tray

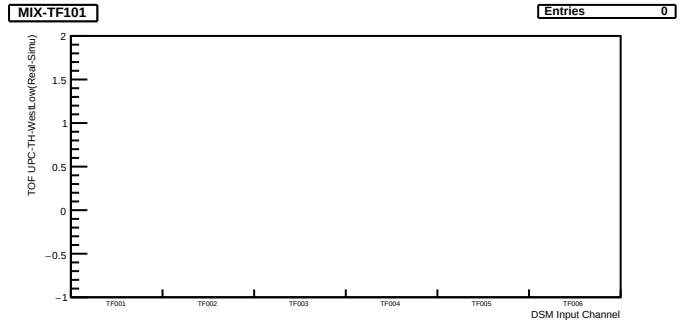

MIX-TF005
Entries 8451660
TOF MULT
TOF tray

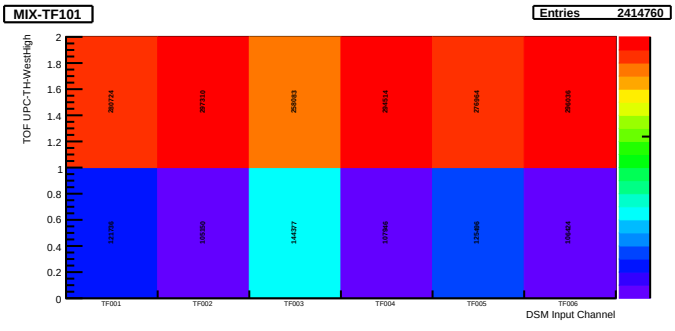

MIX-TF006
Entries 8451660
TOF MULT
TOF tray

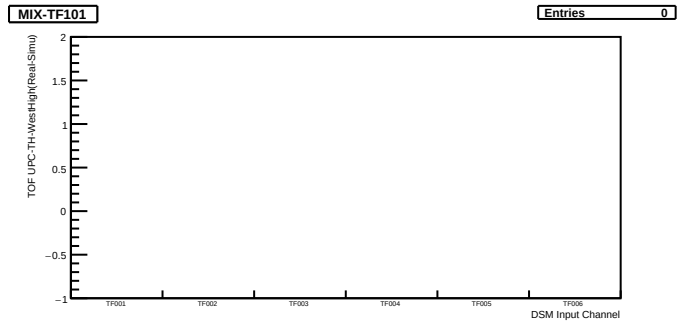

MIX-TF101
Entries 2414760
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

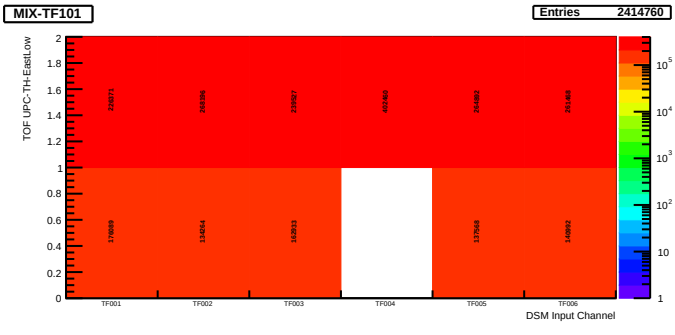

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

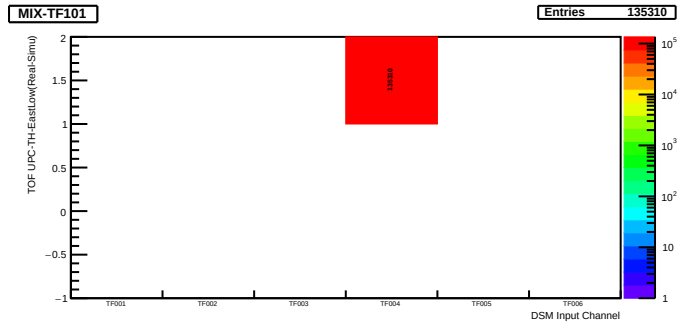

MIX-TF101
Entries 2414760
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

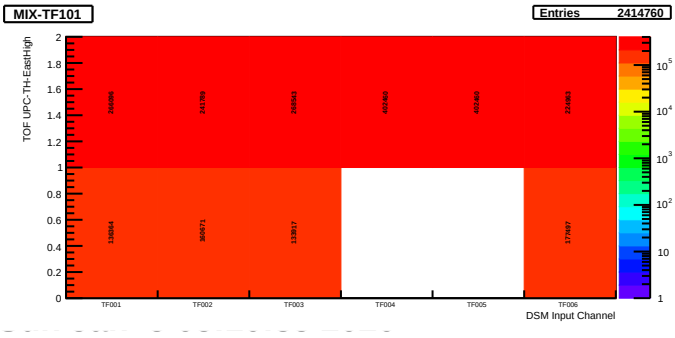

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

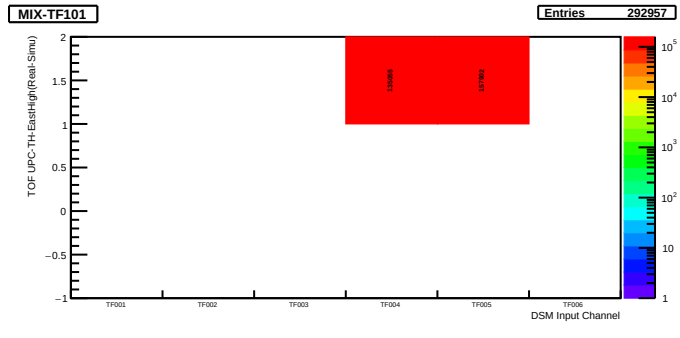

MIX-TF101
Entries 2414760
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

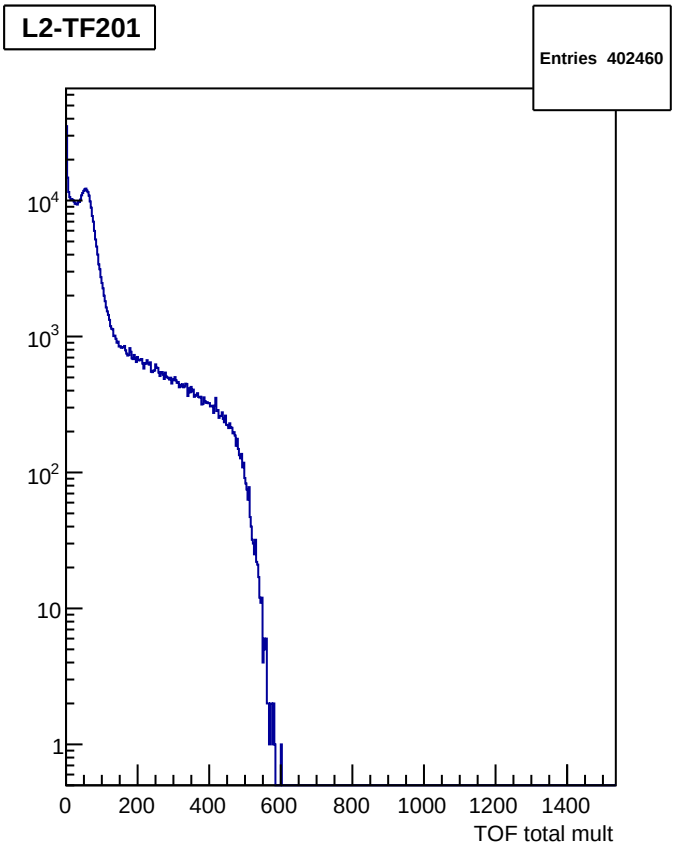

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

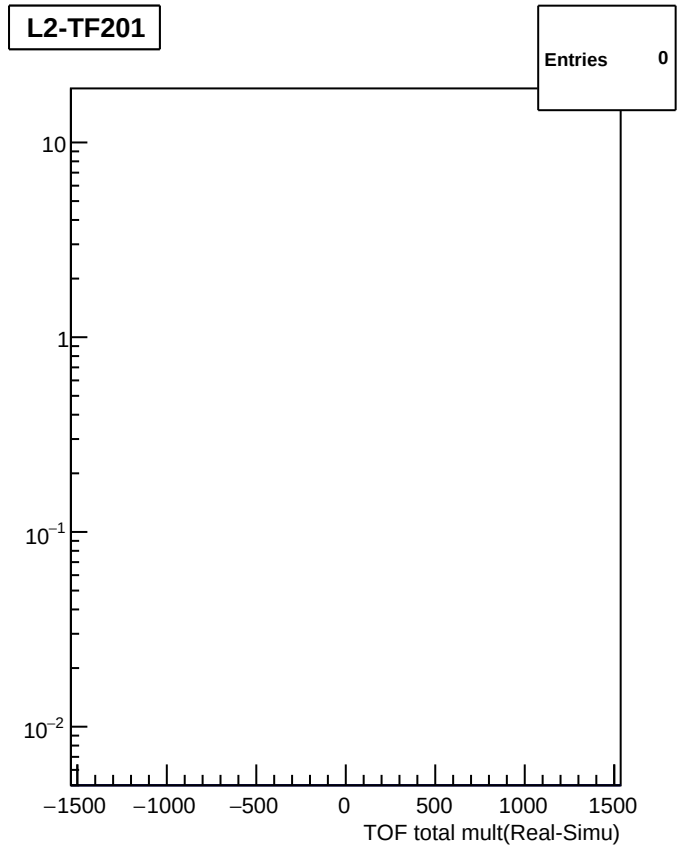

MIX-TF101
Entries 2414760
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

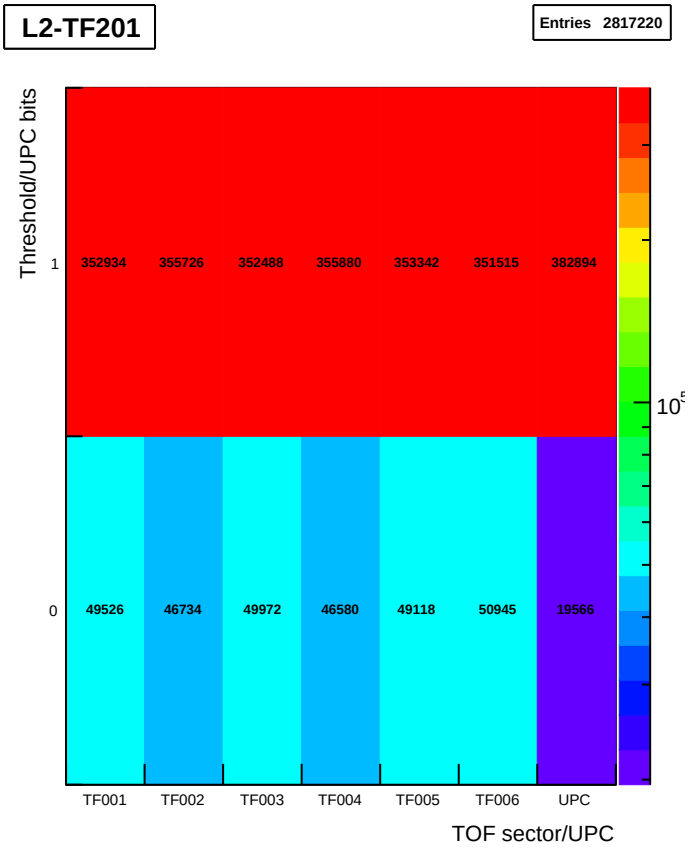

MIX-TF101
Entries 135310
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

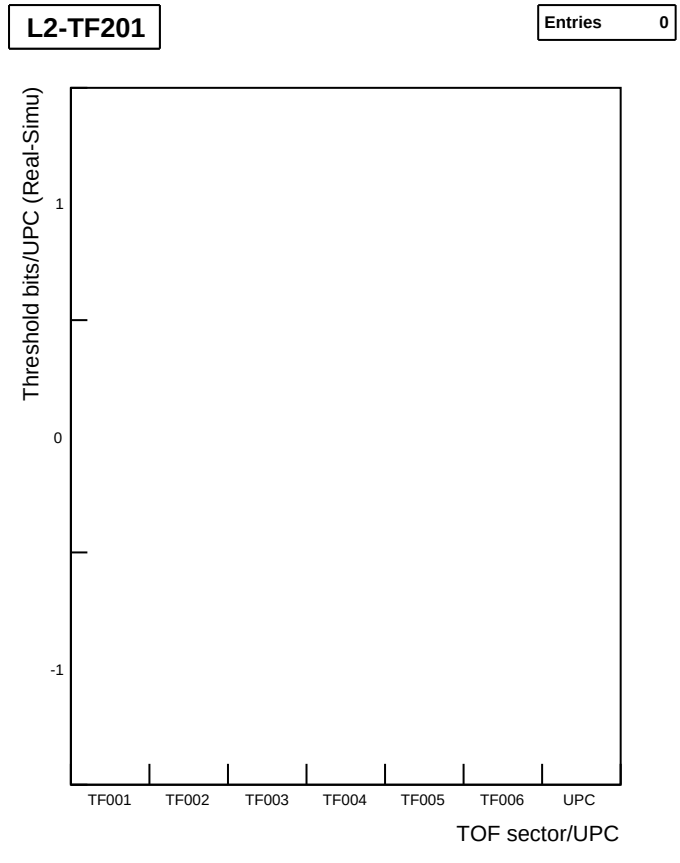

MIX-TF101
Entries 2414760
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

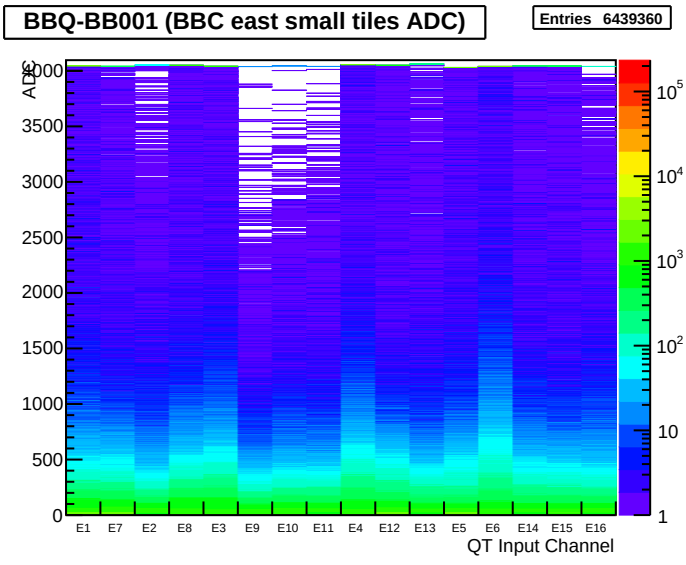

MIX-TF101
Entries 292957
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

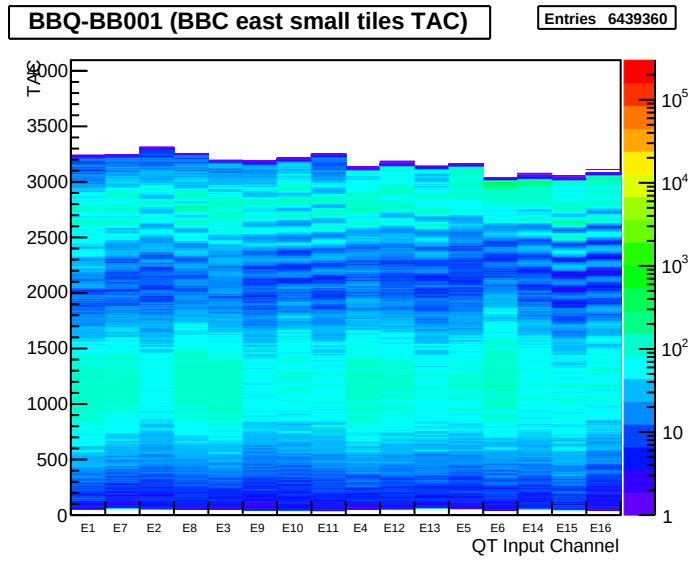

L2-TF201
Entries 402460
TOF total mult

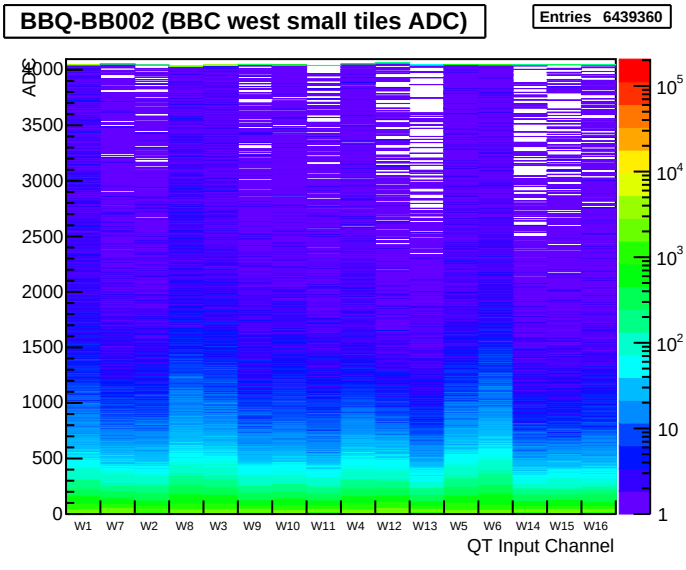

L2-TF201
Entries 0
TOF total mult(Real-Simu)

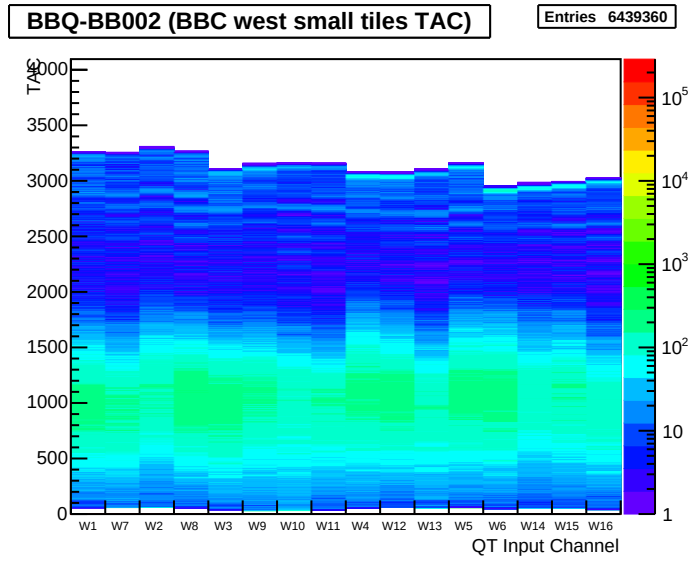

L2-TF201
Entries 2817220
Threshold/UPC bits
352934
355726
352488
355880
353342
351515
382894
49526
46734
49972
46580
49118
50945
19566
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

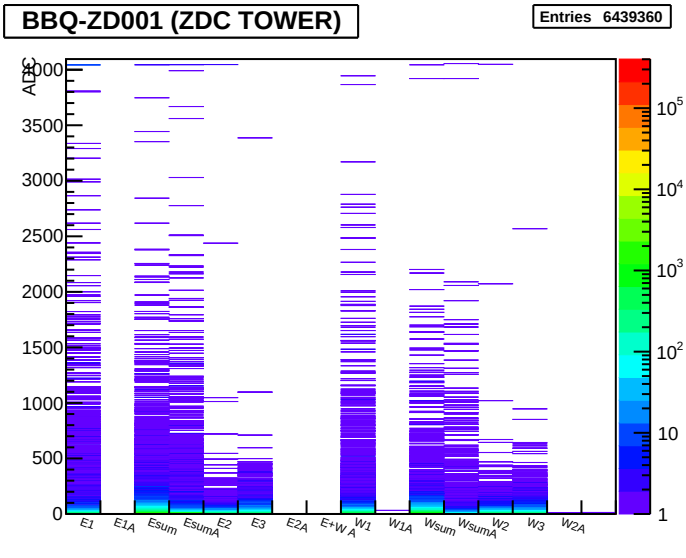

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

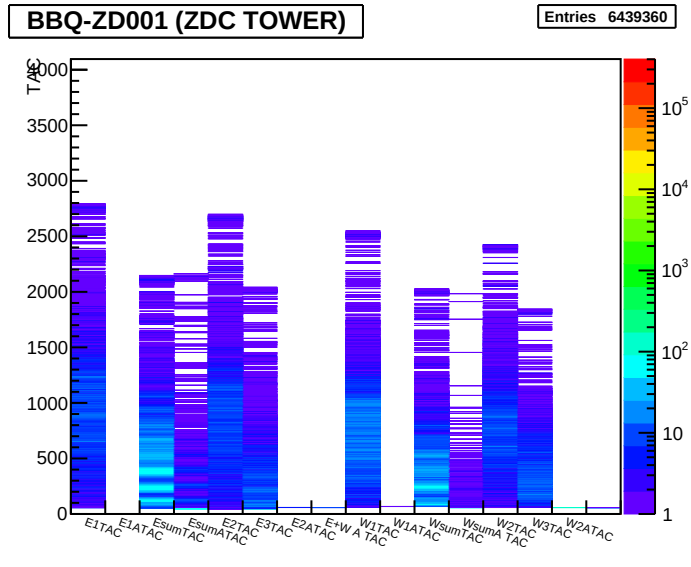

BBQ-BB001 (BBC east small tiles ADC)
Entries 6439360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

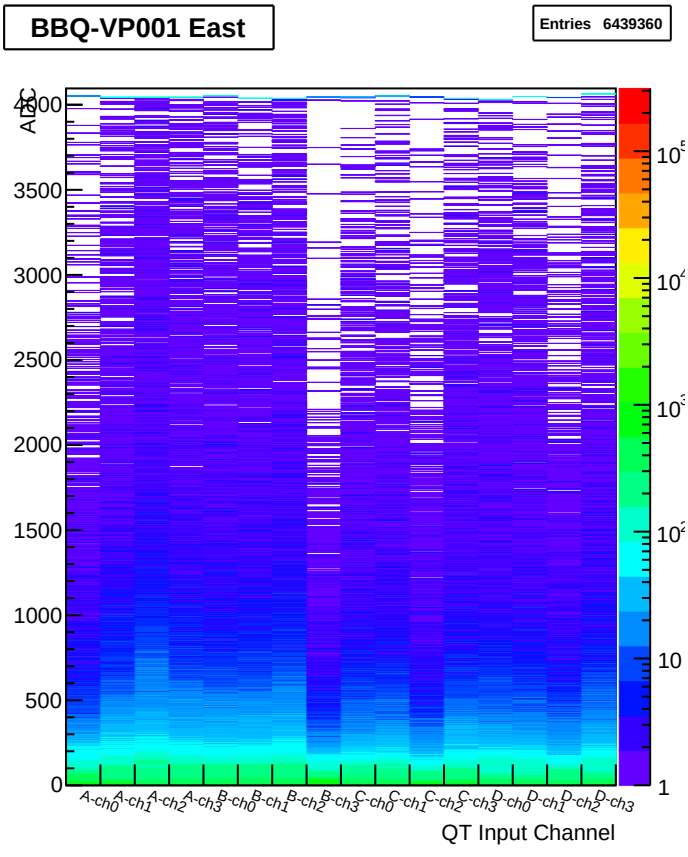

BBQ-BB001 (BBC east small tiles TAC)
Entries 6439360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

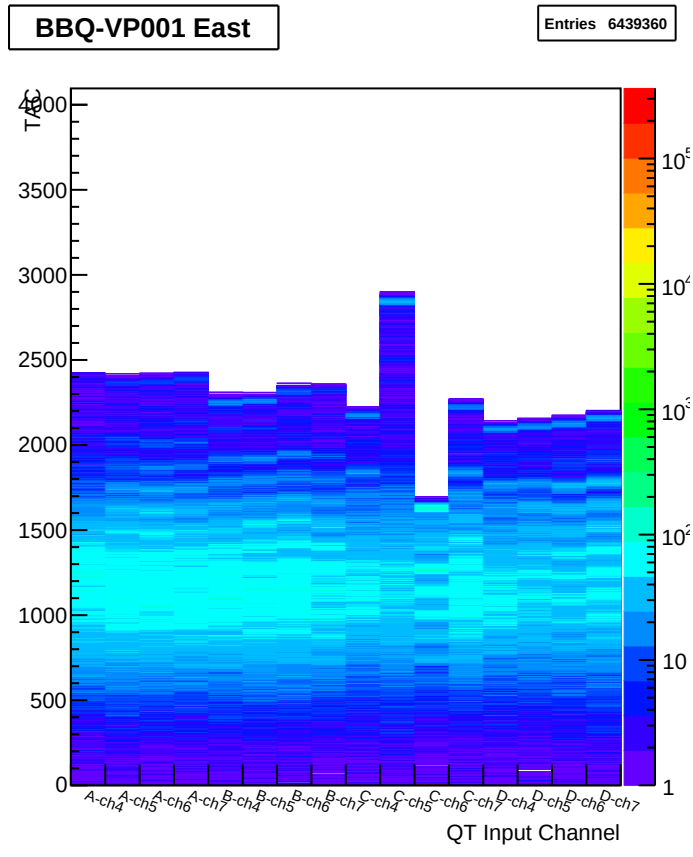

BBQ-BB002 (BBC west small tiles ADC)
Entries 6439360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

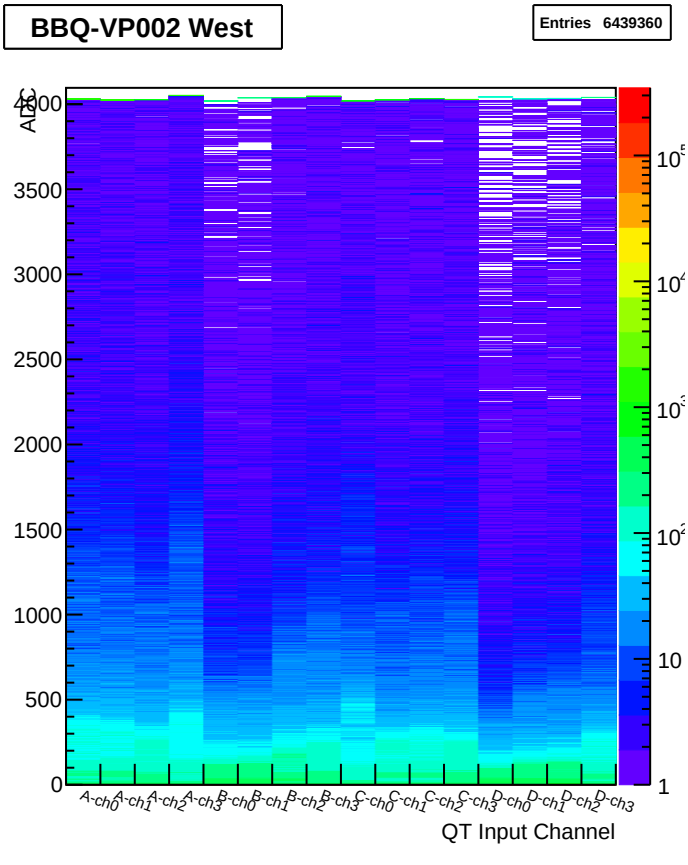

BBQ-BB002 (BBC west small tiles TAC)
Entries 6439360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

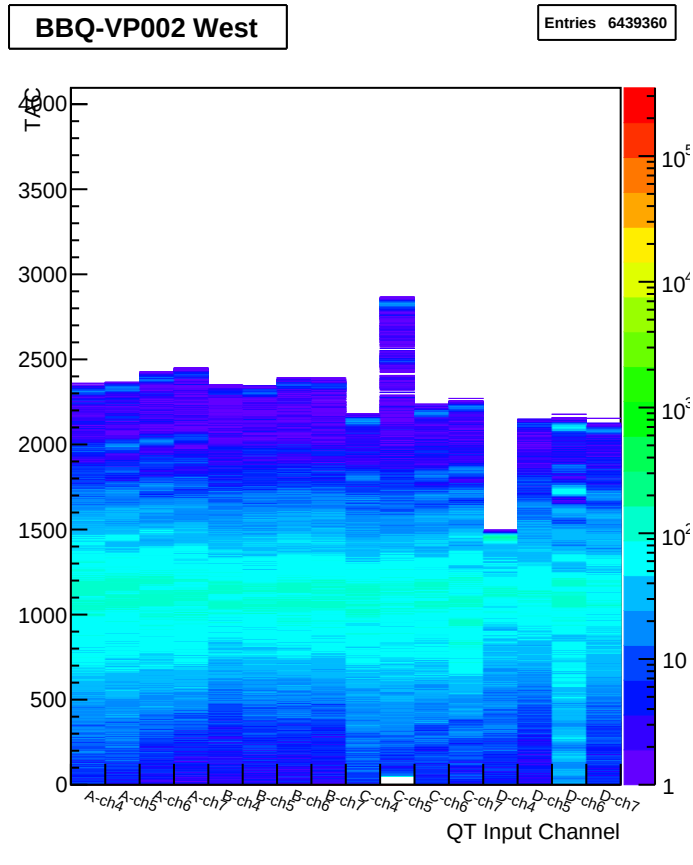

BBQ-ZD001 (ZDC TOWER)
Entries 6439360
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

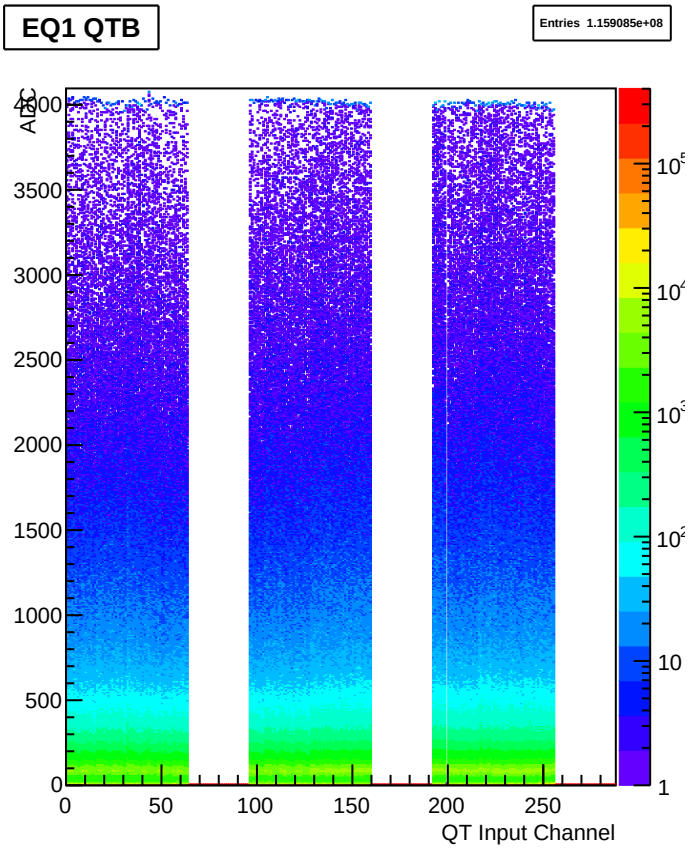

BBQ-ZD001 (ZDC TOWER)
Entries 6439360
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

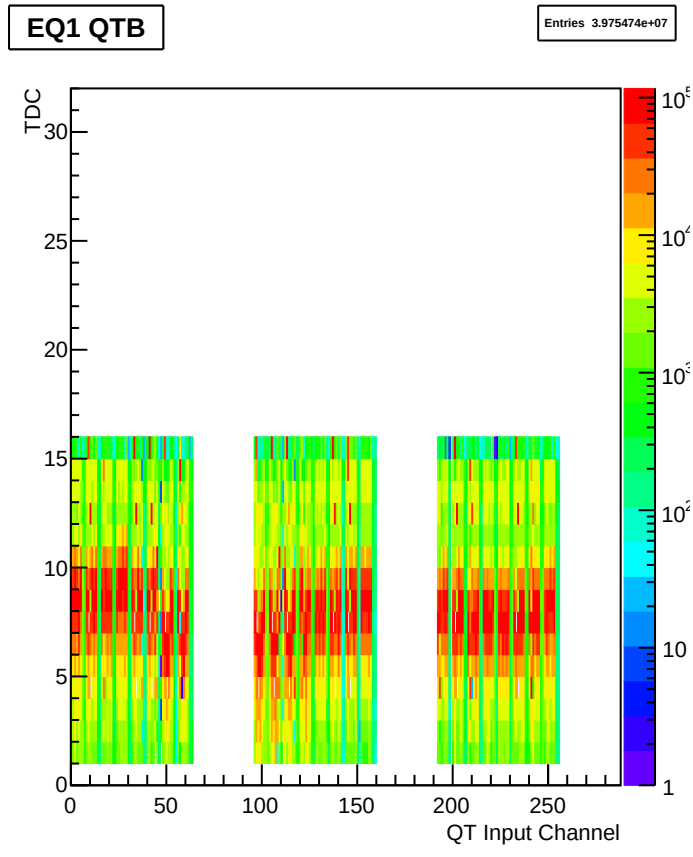

BBQ-VP001 East
Entries 6439360
ADC
QT Input Channel

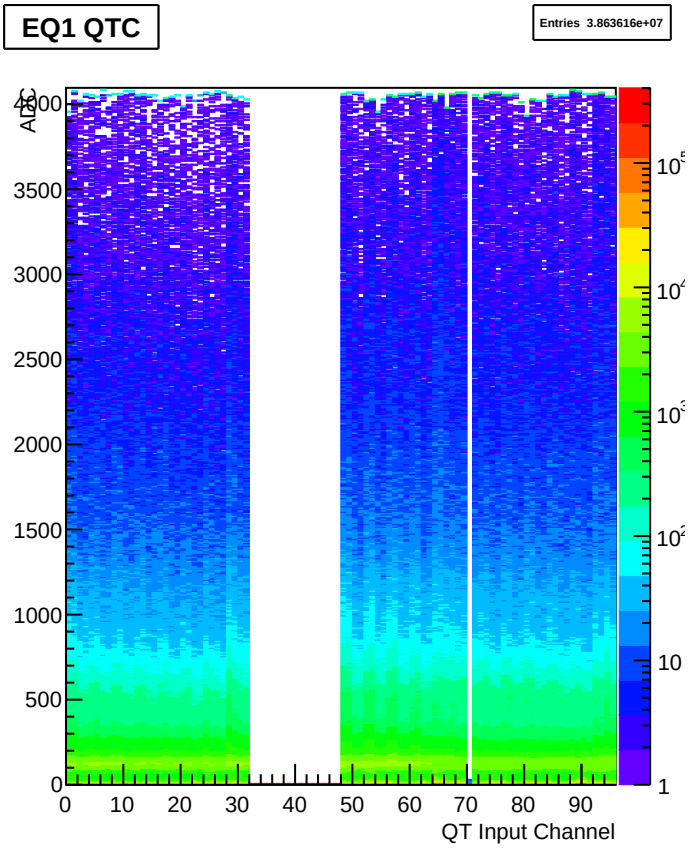

BBQ-VP001 East
Entries 6439360
TAC
QT Input Channel

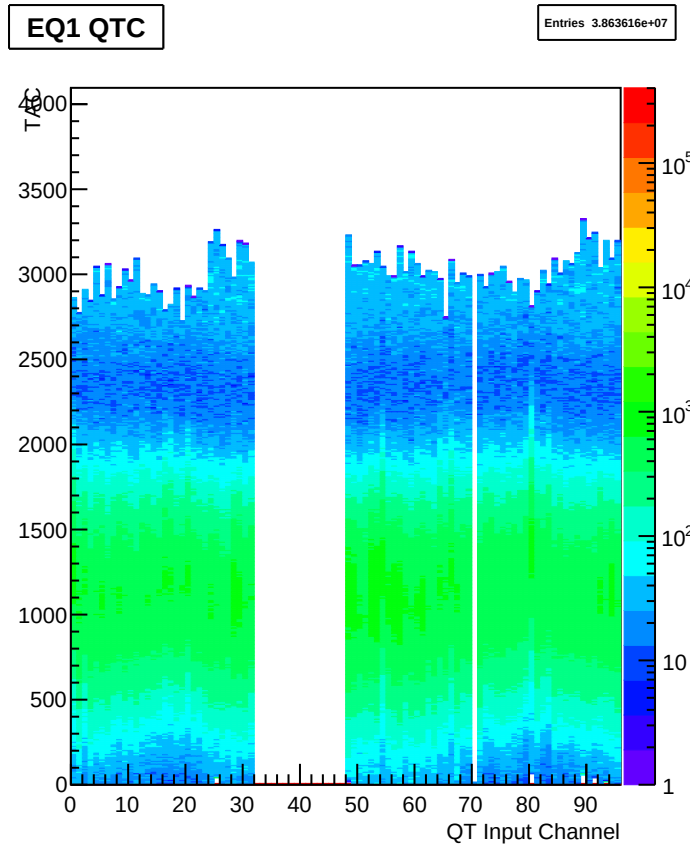

BBQ-VP002 West
Entries 6439360
ADC
QT Input Channel

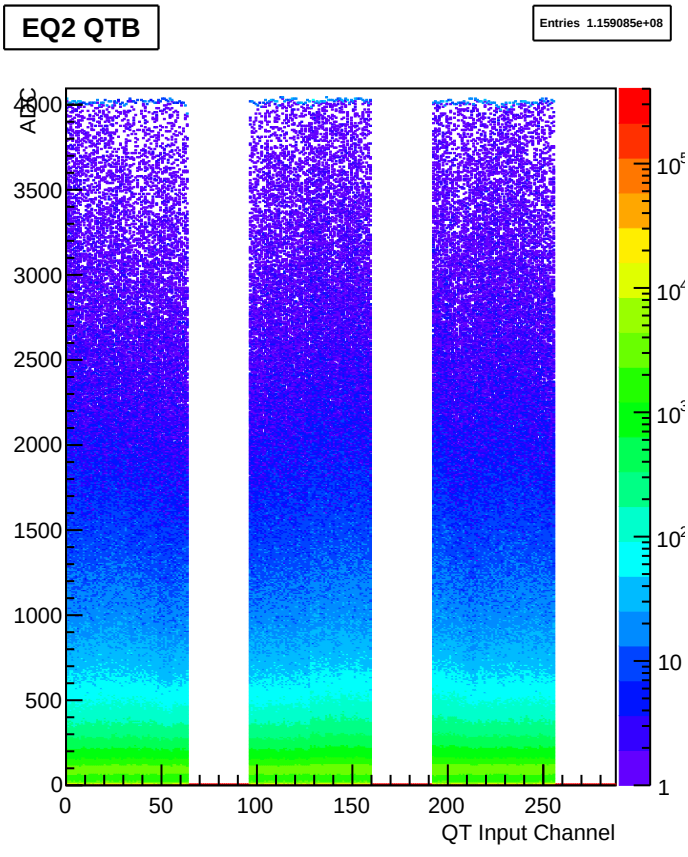

BBQ-VP002 West
Entries 6439360
TAC
QT Input Channel

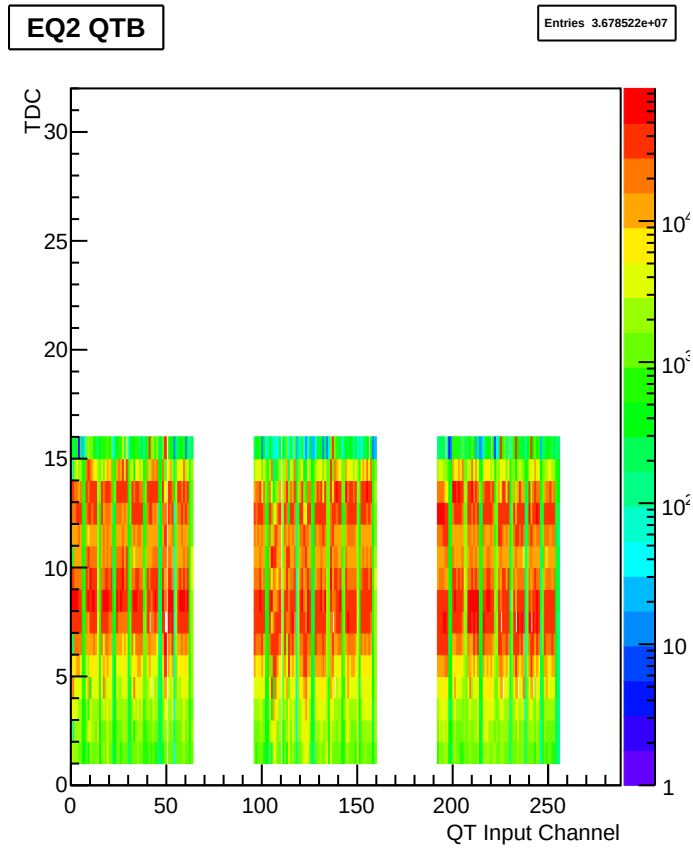

EQ1 QTB
Entries 1.159085e+08
ADC
QT Input Channel

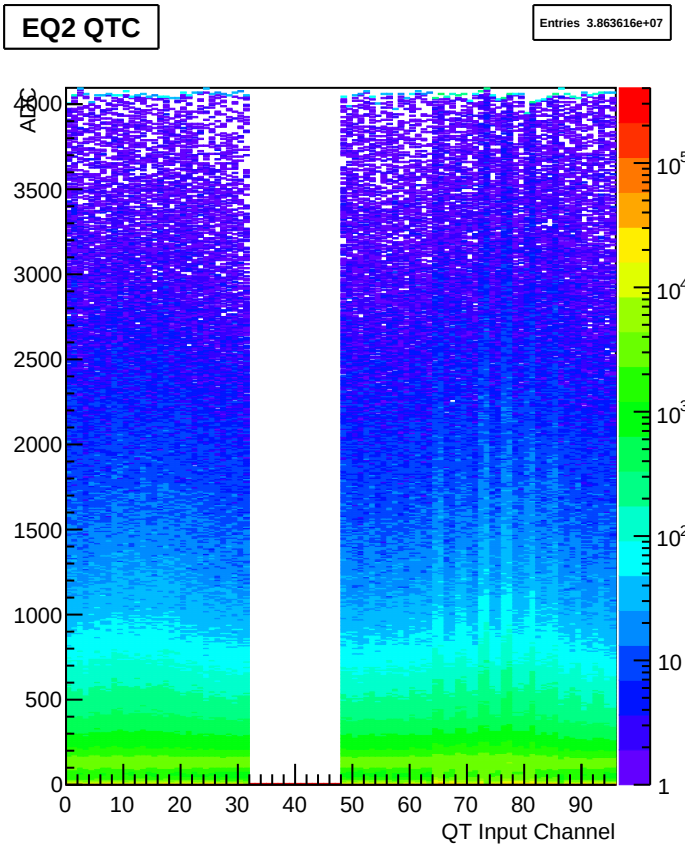

EQ1 QTB
Entries 3.975474e+07
TDC
QT Input Channel

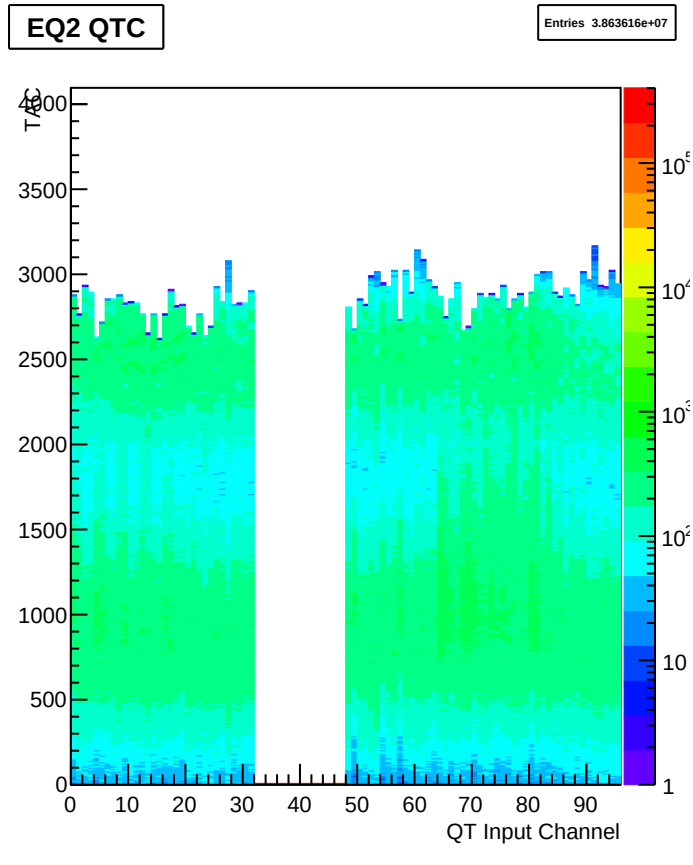

EQ1 QTC
Entries 3.863616e+07
ADC
QT Input Channel

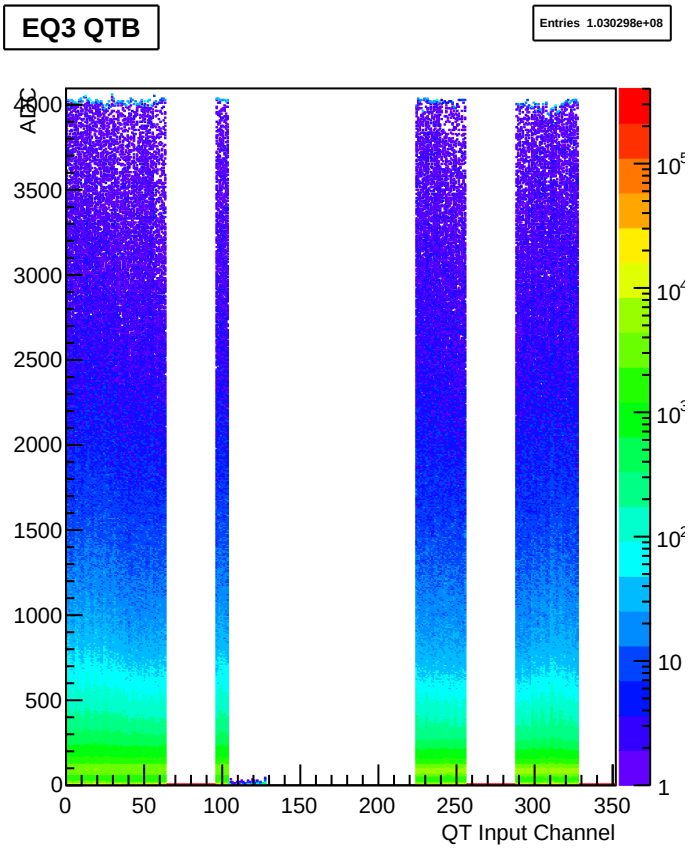

EQ1 QTC
Entries 3.863616e+07
TADC
QT Input Channel

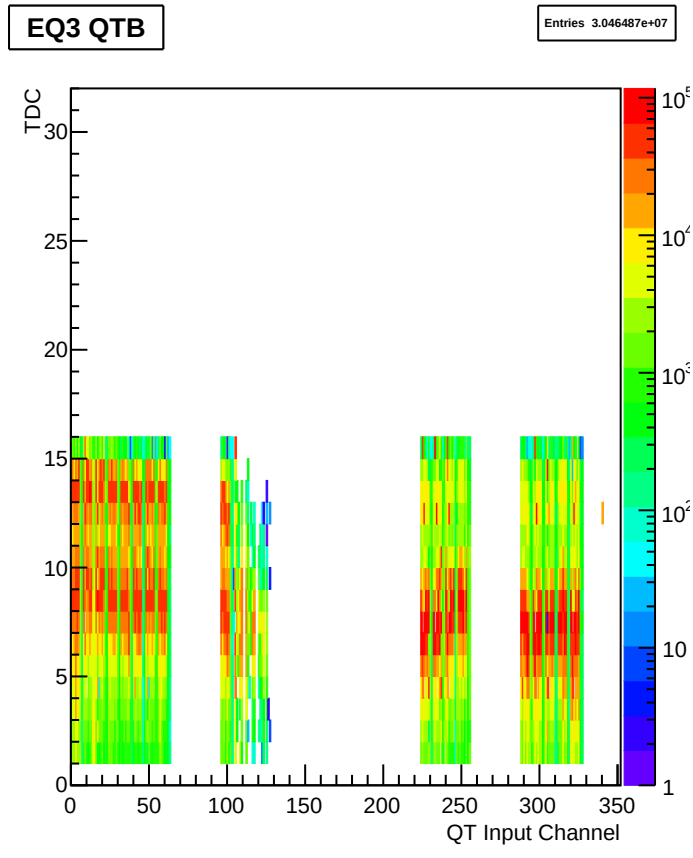

EQ2 QTB
Entries 1.159085e+08
ADC
QT Input Channel

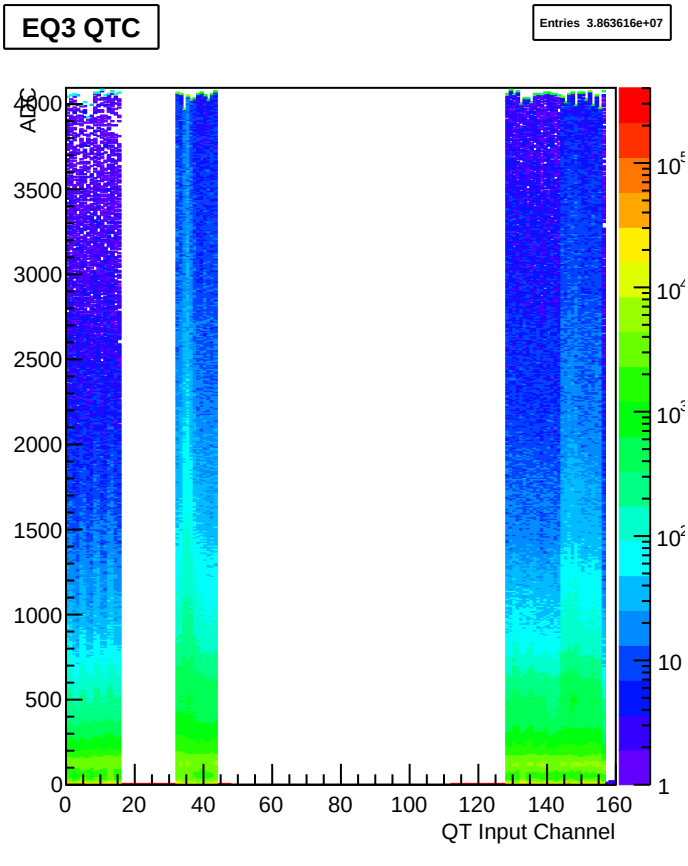

EQ2 QTB
Entries 3.678522e+07
TDC
QT Input Channel

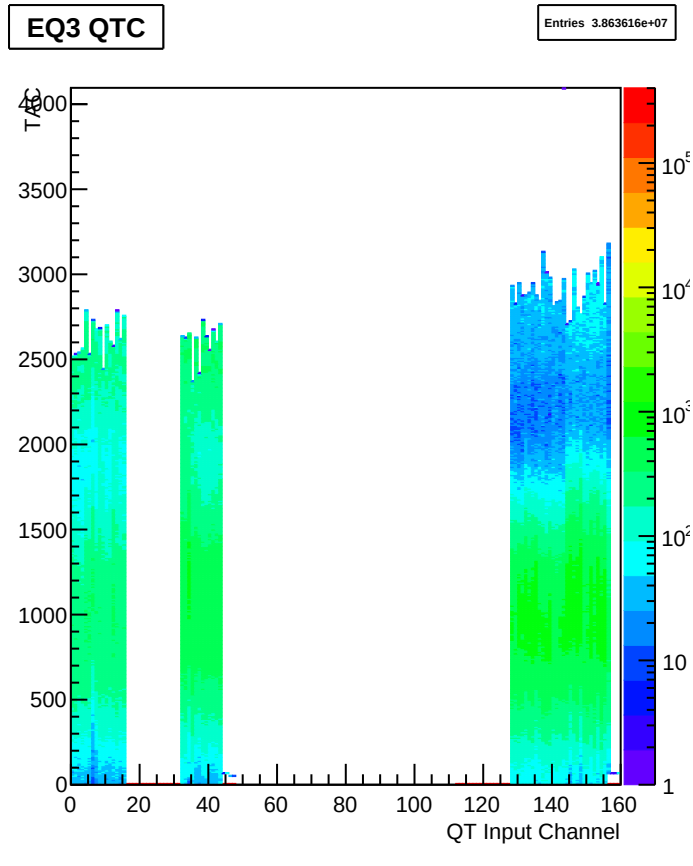

EQ2 QTC
Entries 3.863616e+07
ADC
QT Input Channel

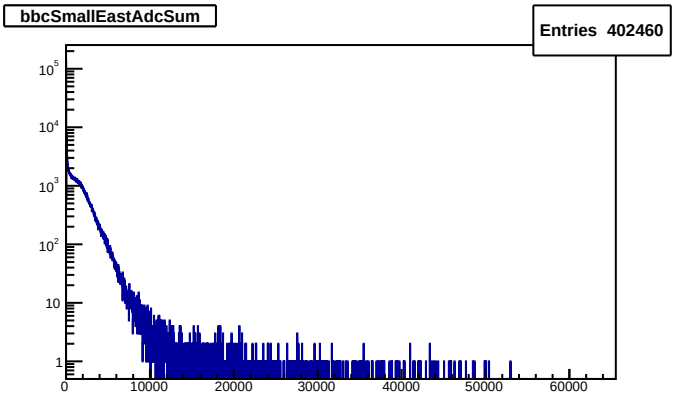

EQ2 QTC
Entries 3.863616e+07
TADC
QT Input Channel

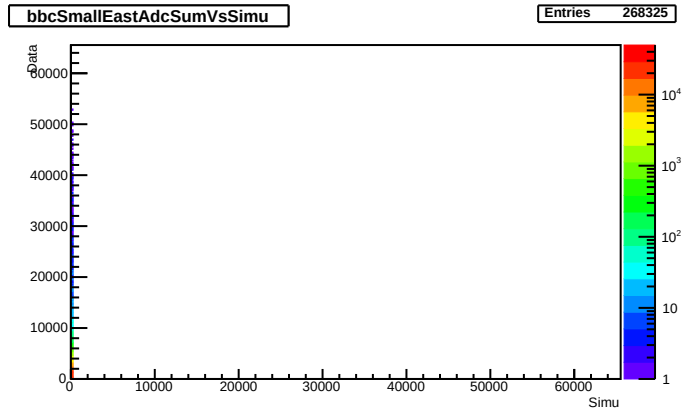

EQ3 QTB
Entries 1.030298e+08
ADC
QT Input Channel

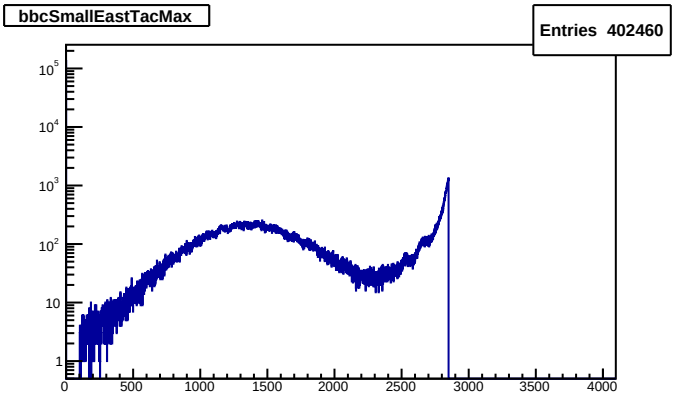

EQ3 QTB
Entries 3.046487e+07
TDC
QT Input Channel

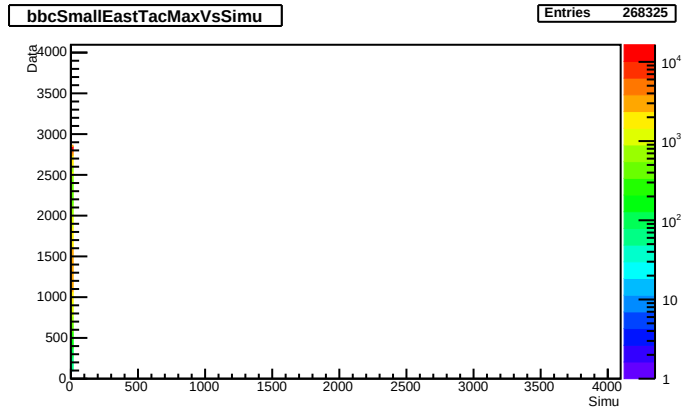

EQ3 QTC
Entries 3.863616e+07
ADC
QT Input Channel

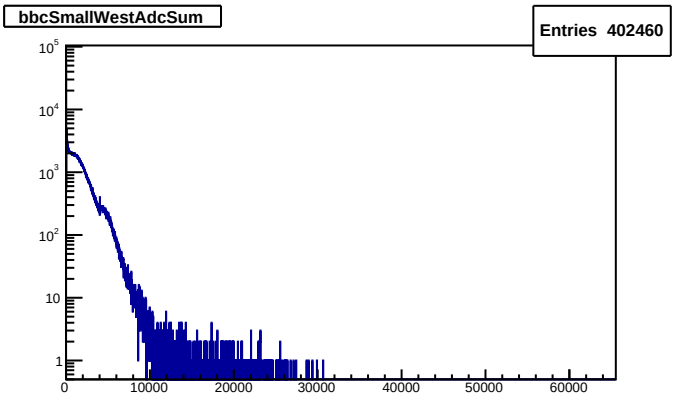

EQ3 QTC
Entries 3.863616e+07
TADC
QT Input Channel

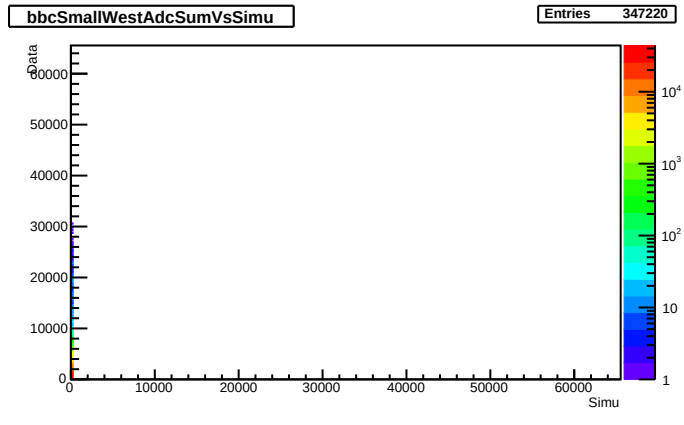

bbcSmallEastAdcSum
Entries 402460

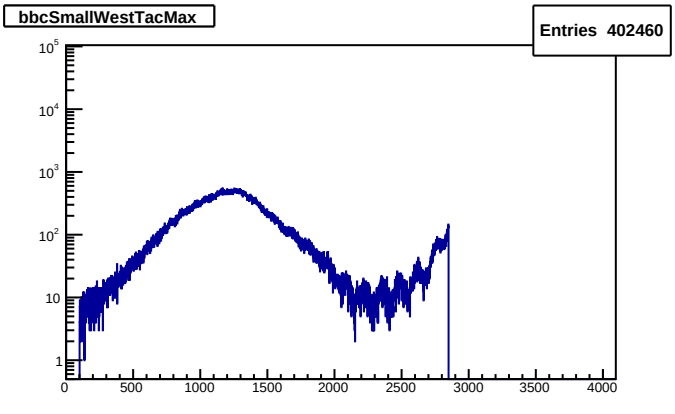

bbcSmallEastAdcSumVsSimu
Entries 268325
Data
Simu

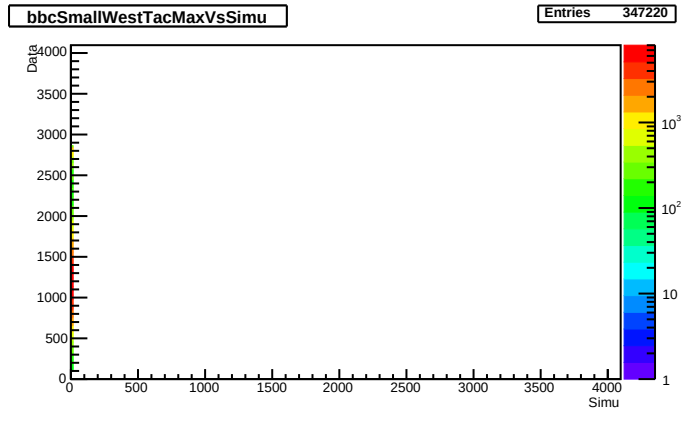

bbcSmallEastTacMax
Entries 402460

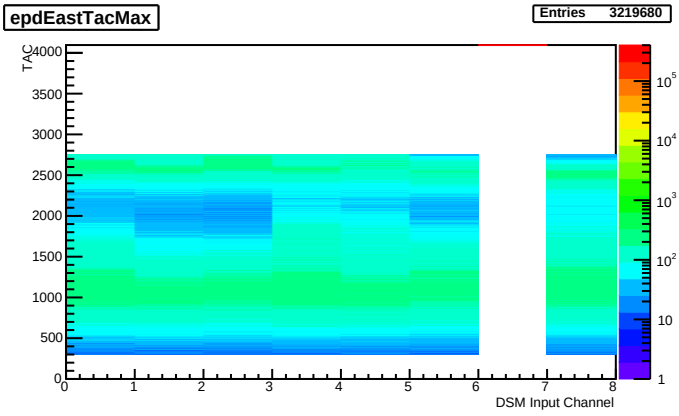

bbcSmallEastTacMaxVsSimu
Entries 268325
Data
Simu

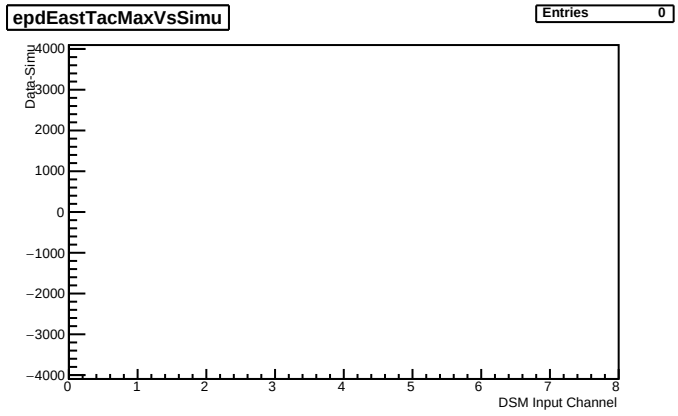

bbcSmallWestAdcSum
Entries 402460

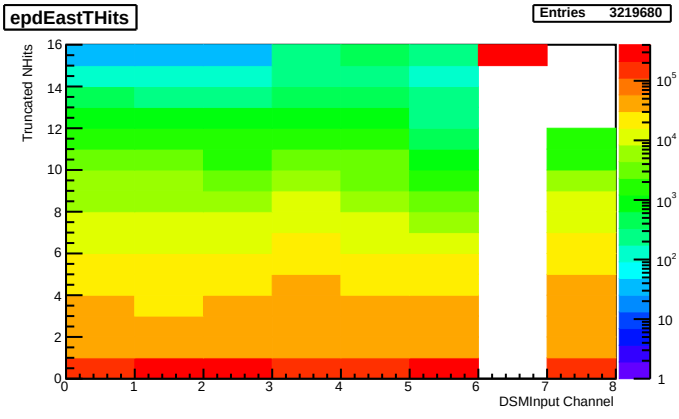

bbcSmallWestAdcSumVsSimu
Entries 347220
Data
Simu

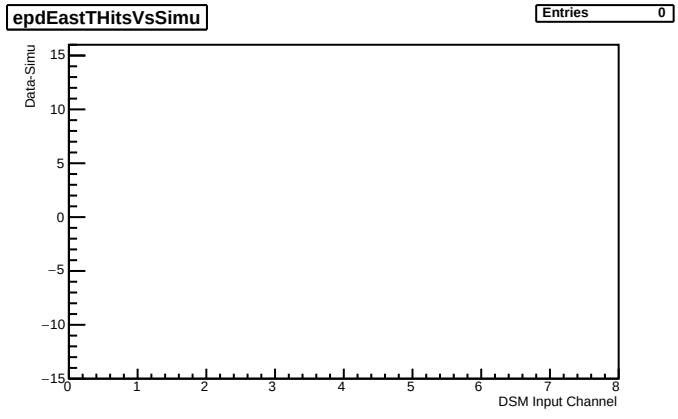

bbcSmallWestTacMax
Entries 402460

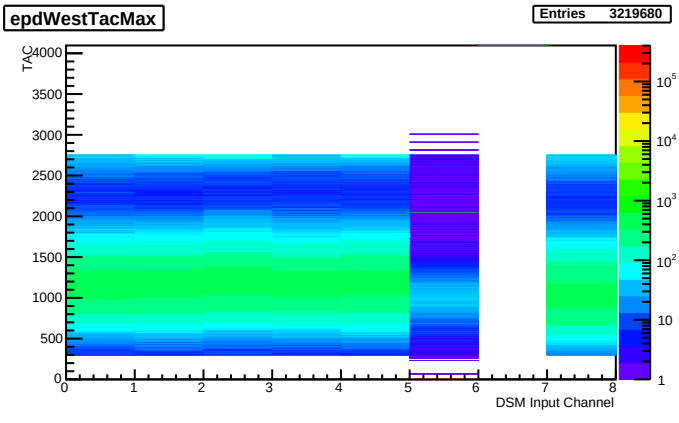

bbcSmallWestTacMaxVsSimu
Entries 347220
Data
Simu

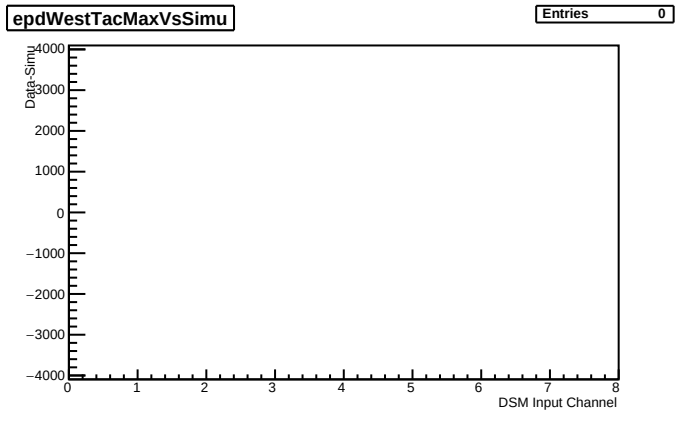

epdEastTacMax
Entries 3219680
TAC
DSM Input Channel

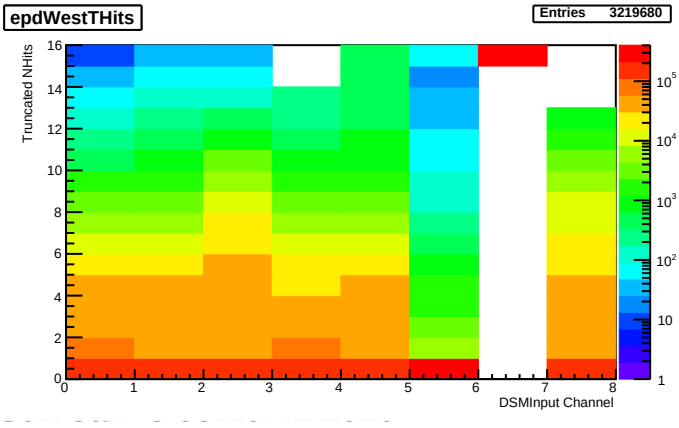

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

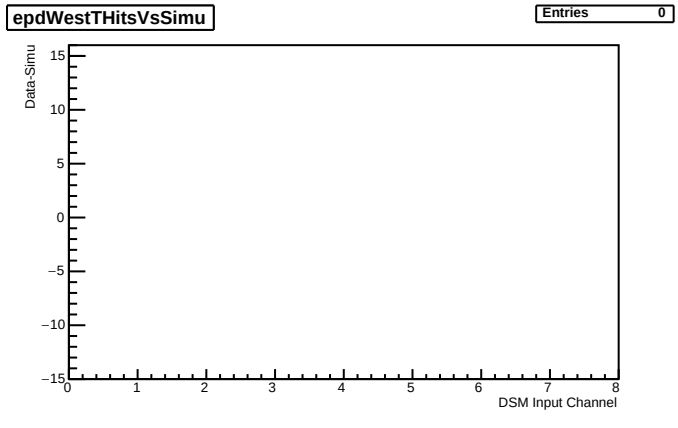

epdEastTHits
Entries 3219680
Truncated NHits
DSMInput Channel

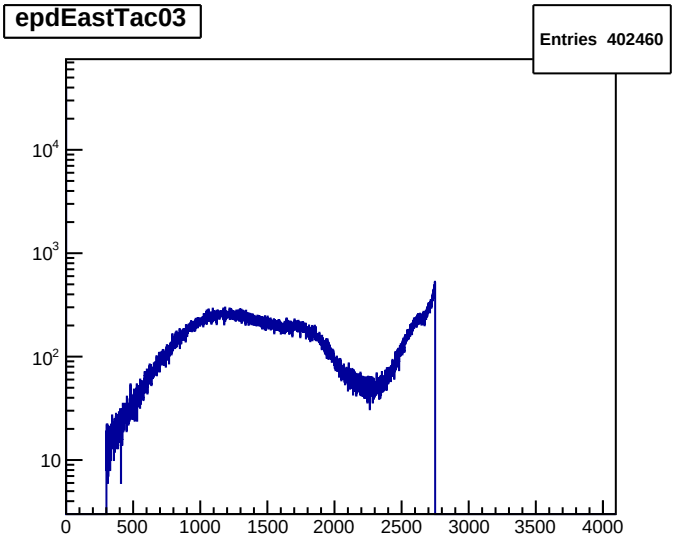

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

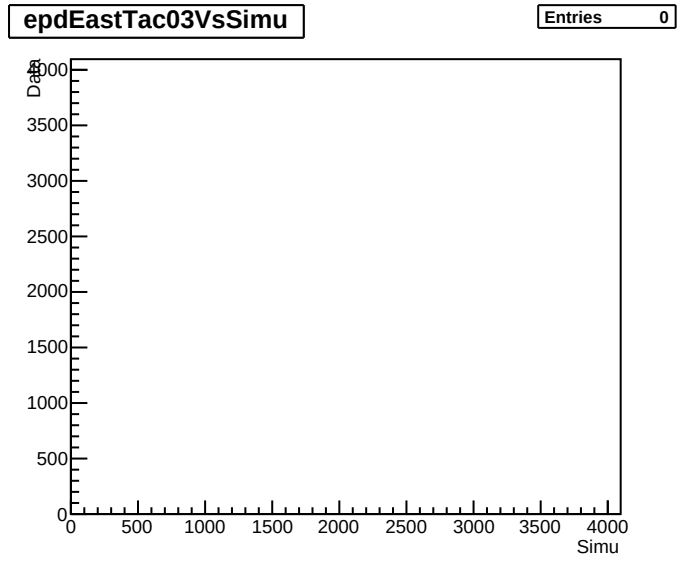

epdWestTacMax
Entries 3219680
TAC
DSM Input Channel

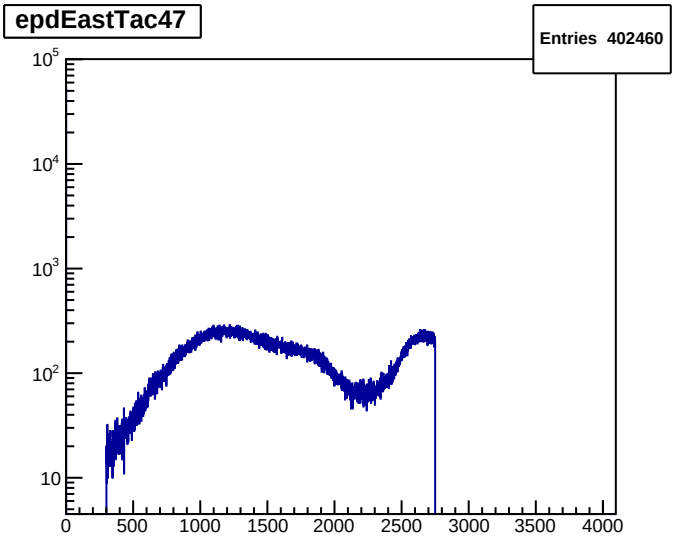

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

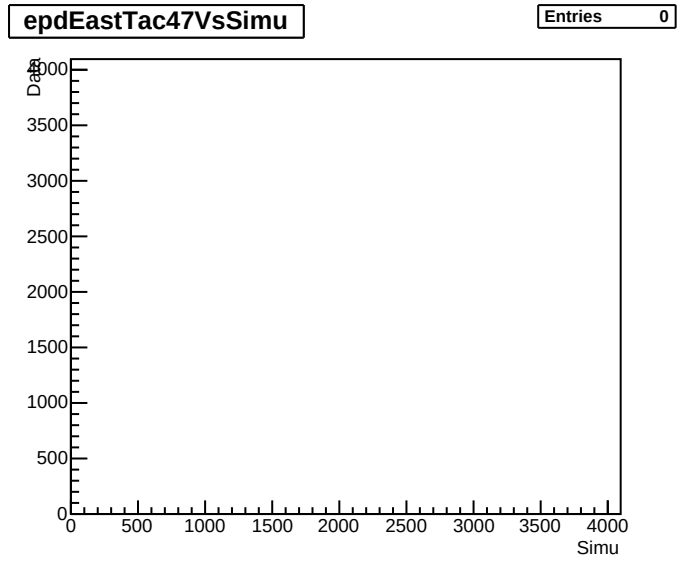

epdWestTHits
Entries 3219680
Truncated NHits
DSMInput Channel

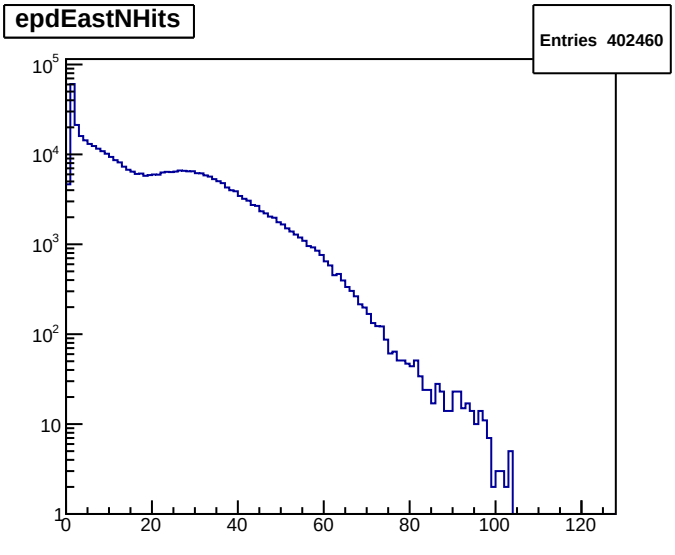

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

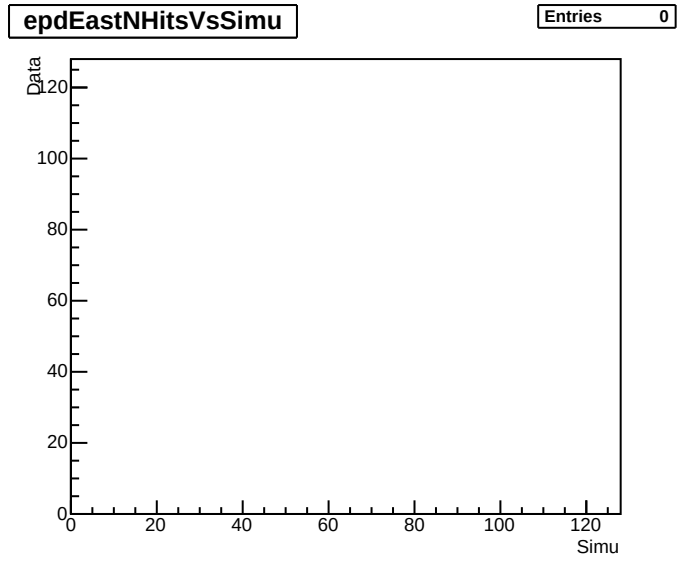

epdEastTac03
Entries 402460

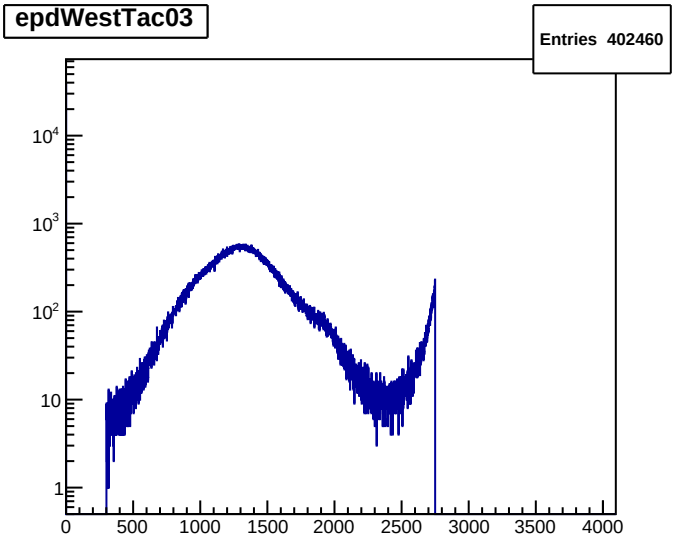

epdEastTac03VsSimu
Entries 0
Data
Simu

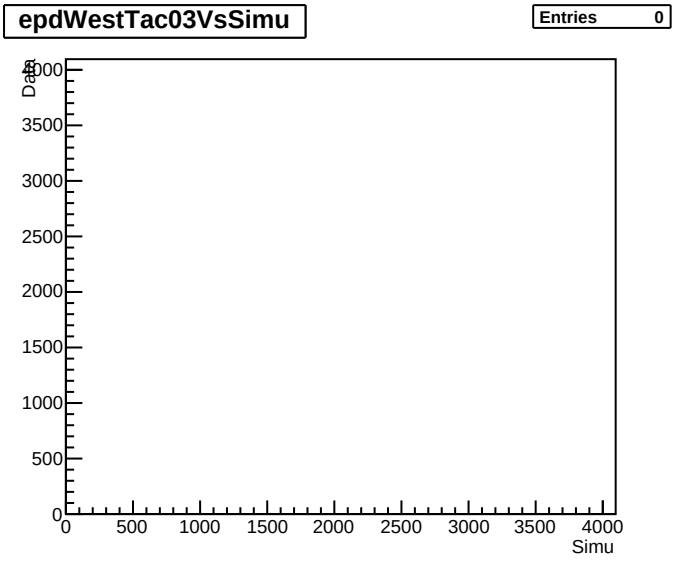

epdEastTac47
Entries 402460

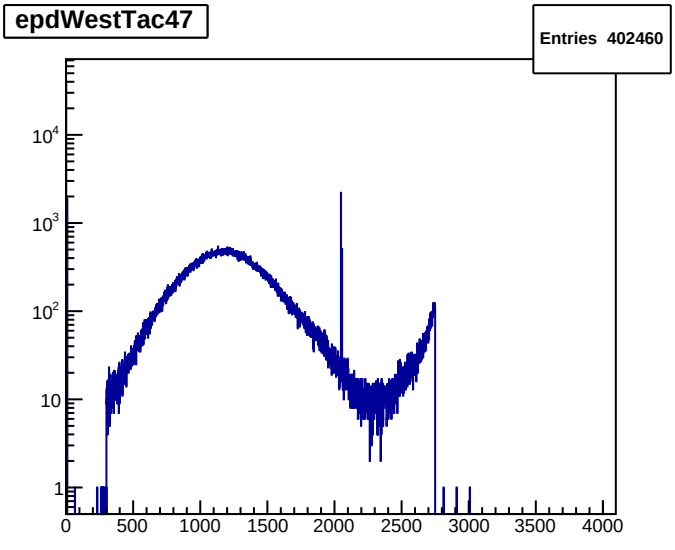

epdEastTac47VsSimu
Entries 0
Data
Simu

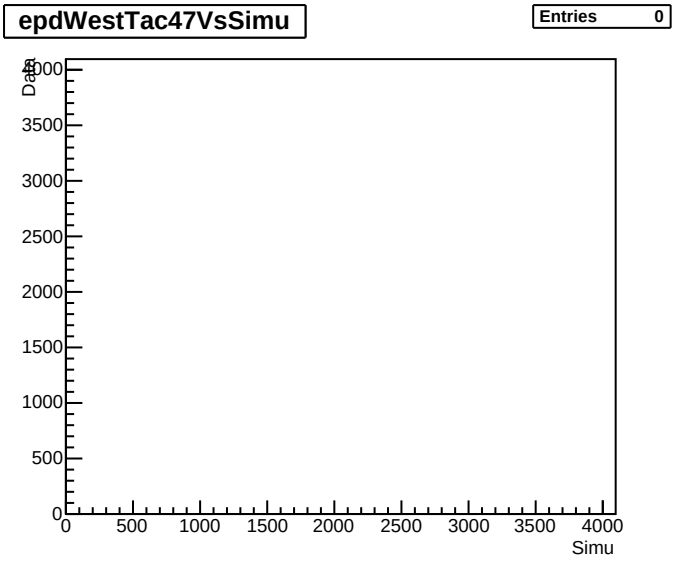

epdEastNHits
Entries 402460

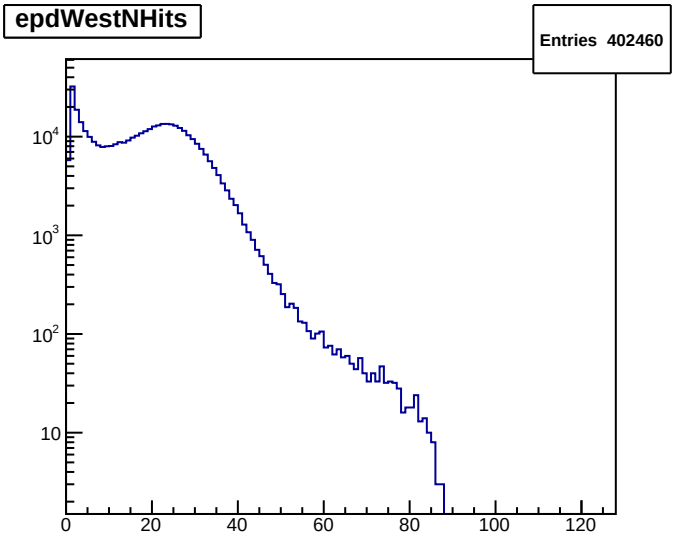

epdEastNHitsVsSimu
Entries 0
Data
Simu

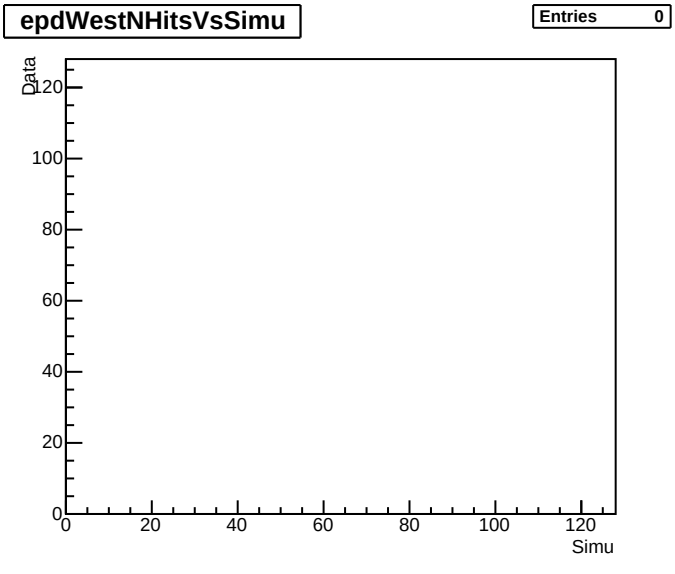

epdWestTac03
Entries 402460

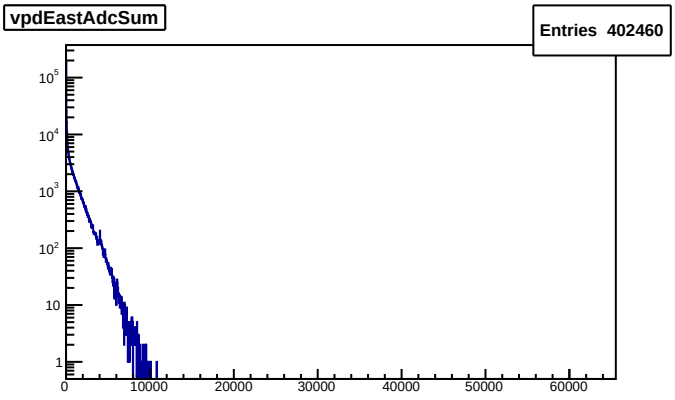

epdWestTac03VsSimu
Entries 0
Data
Simu

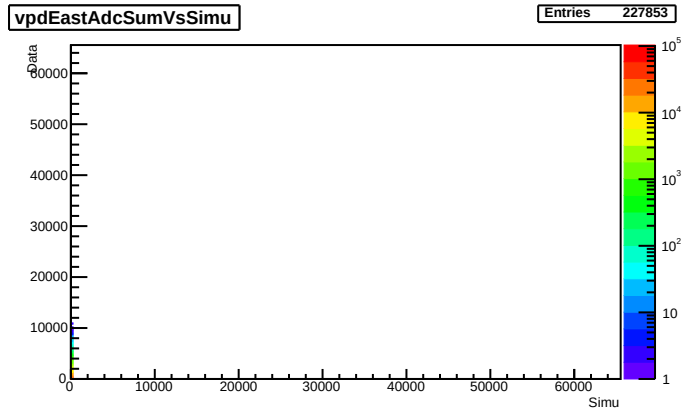

epdWestTac47
Entries 402460

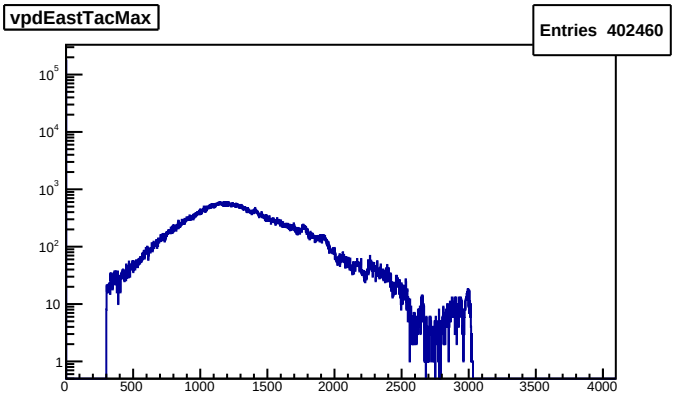

epdWestTac47VsSimu
Entries 0
Data
Simu

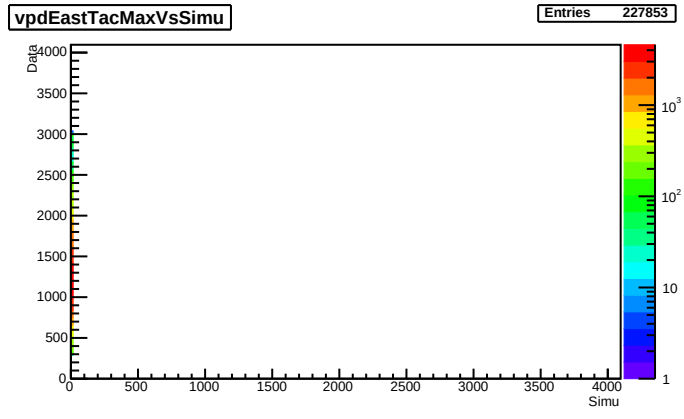

epdWestNHits
Entries 402460

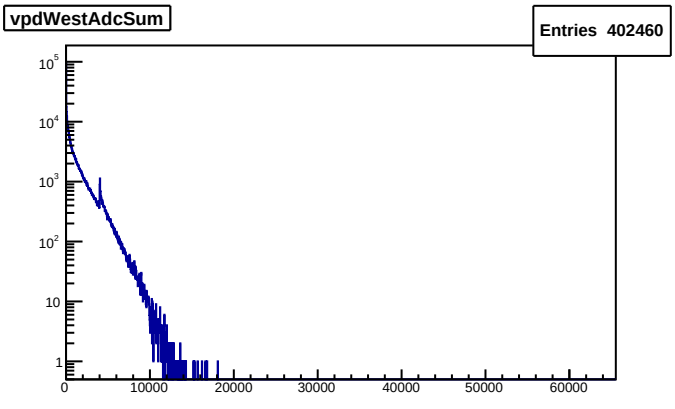

epdWestNHitsVsSimu
Entries 0
Data
Simu

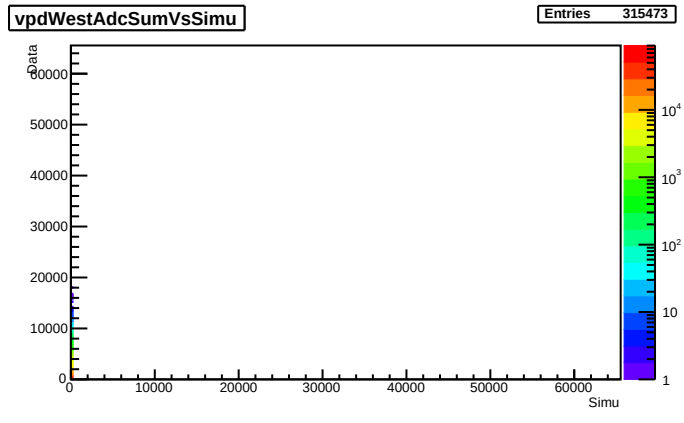

vpdEastAdcSum
Entries 402460

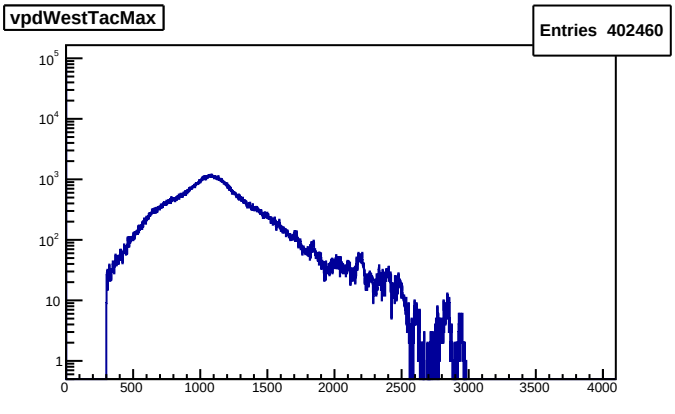

vpdEastAdcSumVsSimu
Entries 227853
Data
Simu

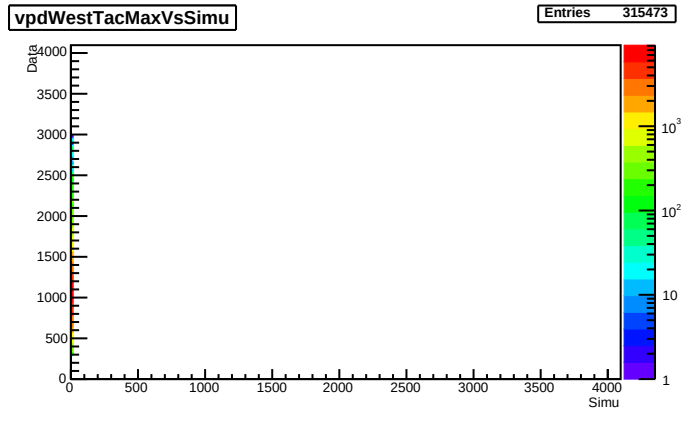

vpdEastTacMax
Entries 402460

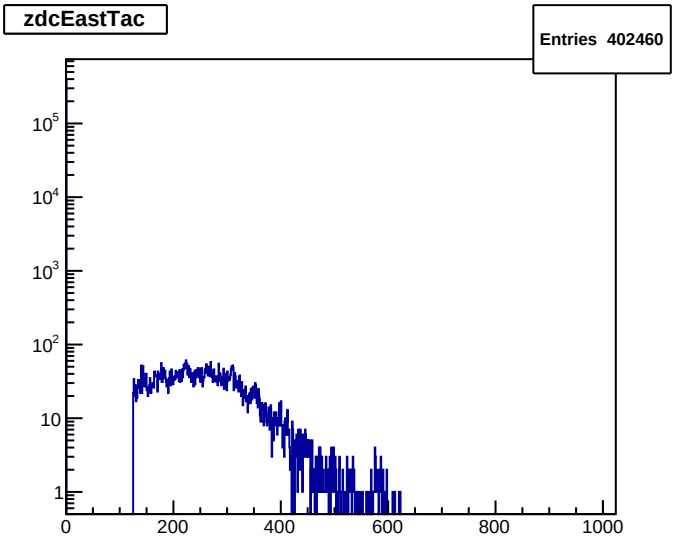

vpdEastTacMaxVsSimu
Entries 227853
Data
Simu

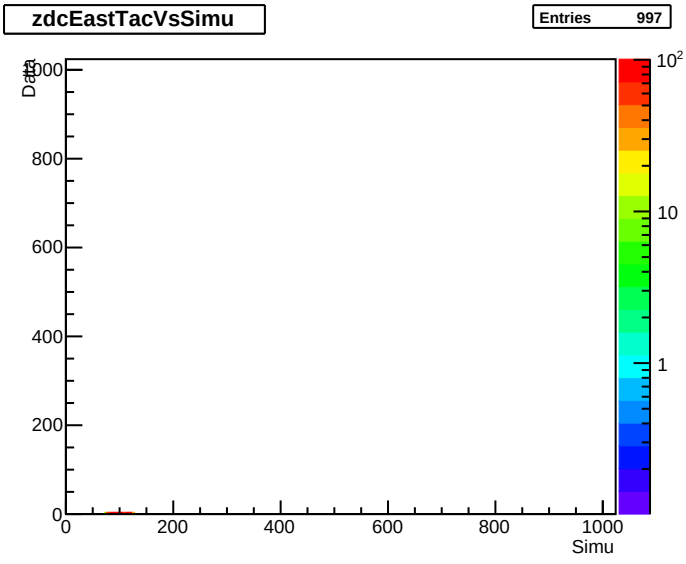

vpdWestAdcSum
Entries 402460

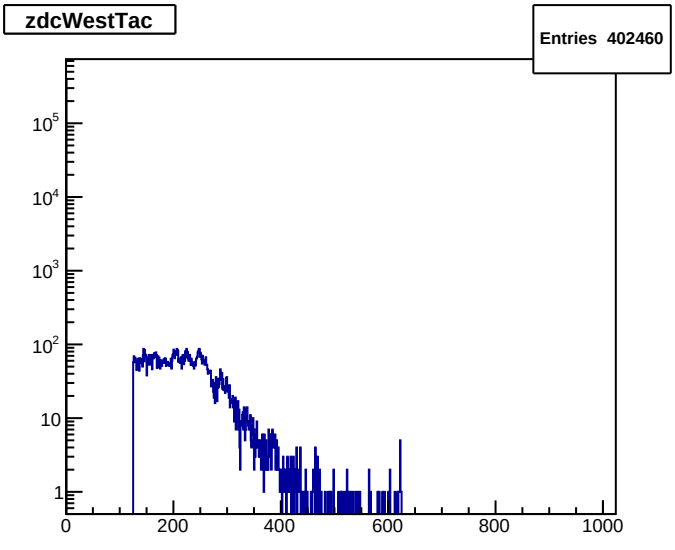

vpdWestAdcSumVsSimu
Entries 315473
Data
Simu

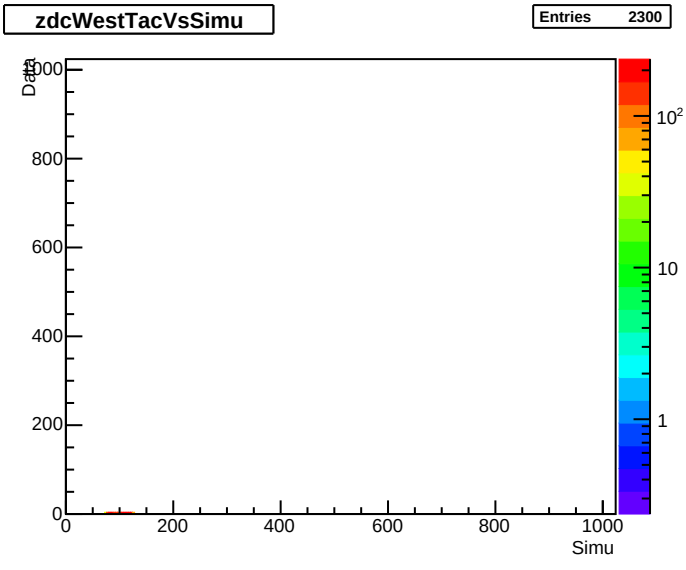

vpdWestTacMax
Entries 402460

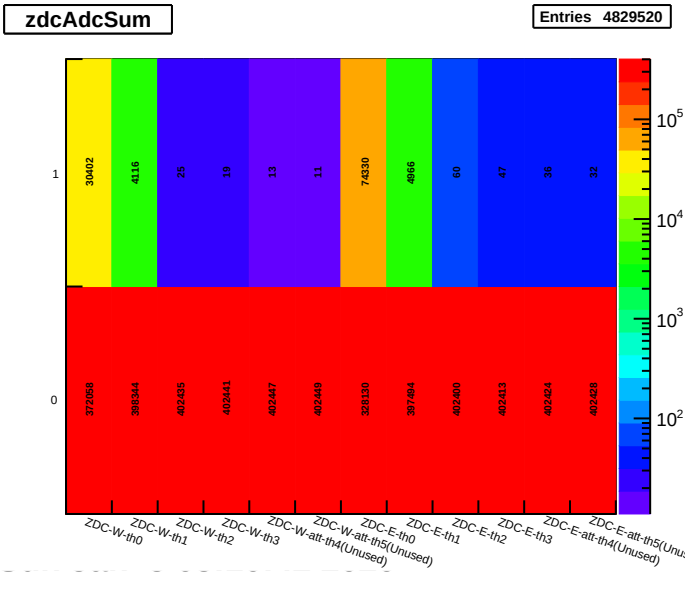

vpdWestTacMaxVsSimu
Entries 315473
Data
Simu

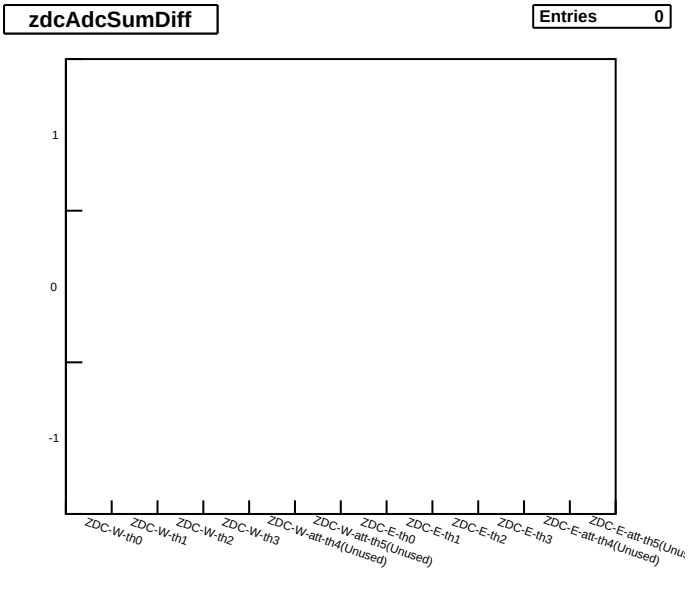

zdcEastTac
Entries 402460

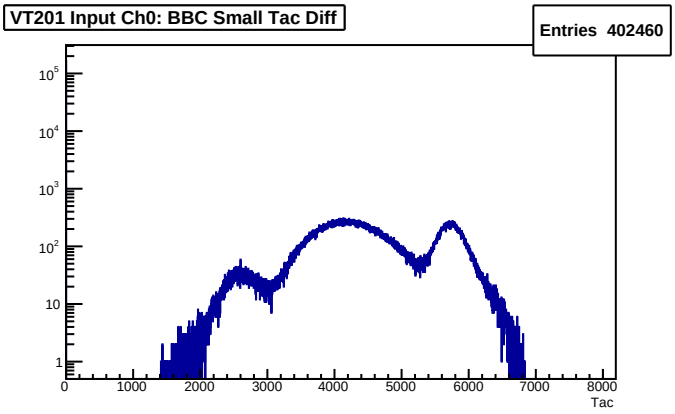

zdcEastTacVsSimu
Entries 997
Data
Simu

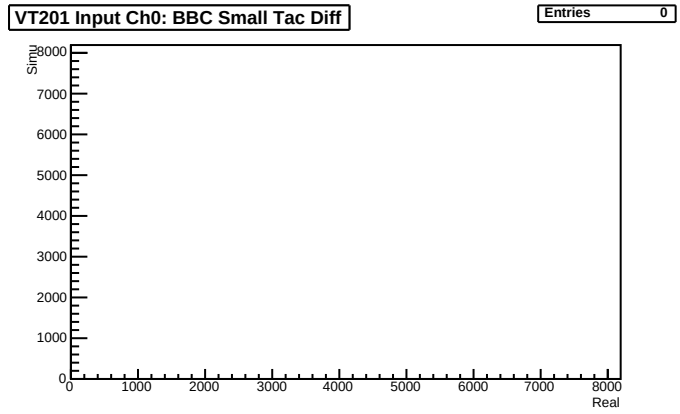

zdcWestTac
Entries 402460

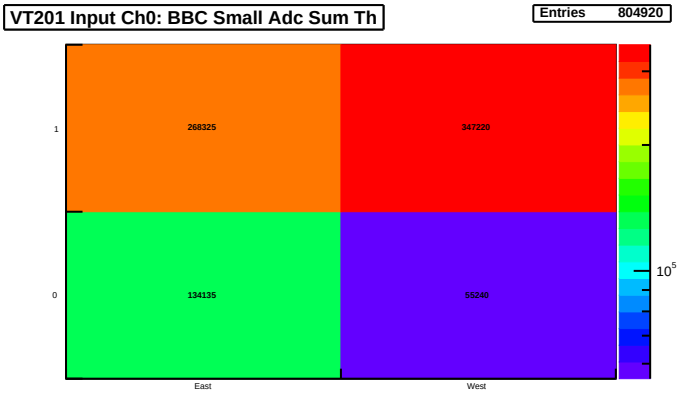

zdcWestTacVsSimu
Entries 2300
Data
Simu

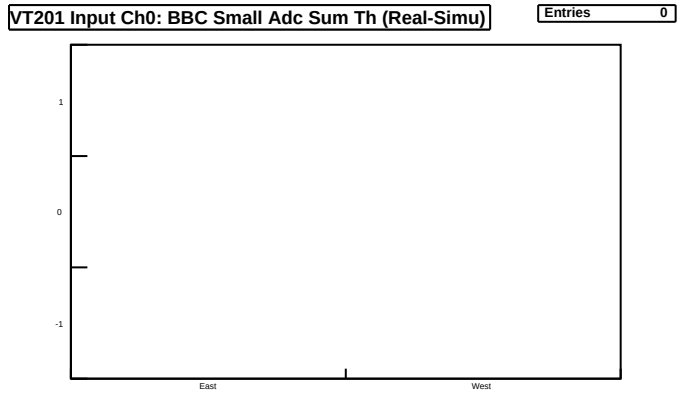

zdcAdcSum
Entries 4829520
30402
4116
25
19
13
11
74330
4966
60
47
36
32
372658
398344
402435
402441
402447
402449
328130
397494
402400
402413
402424
402428
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

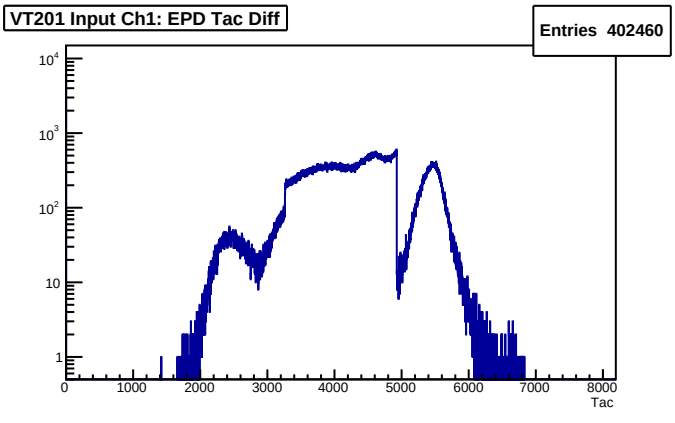

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

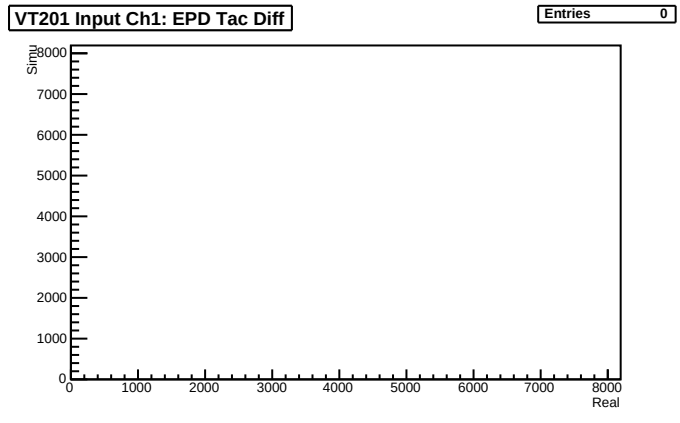

VT201 Input Ch0: BBC Small Tac Diff
Entries 402460
Tac

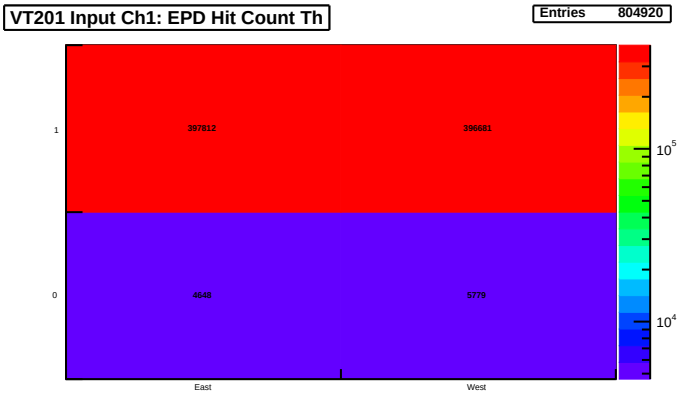

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

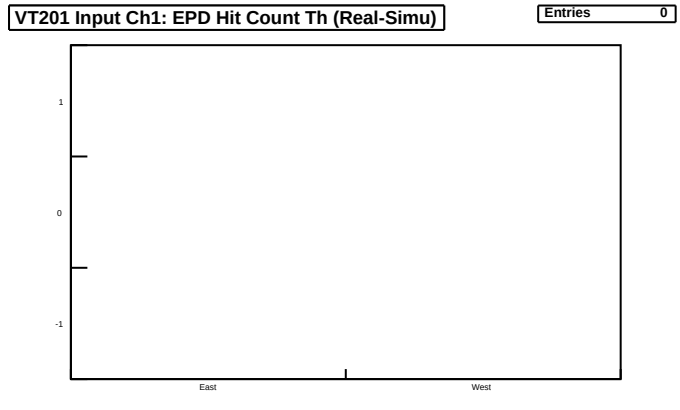

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 804920
268325
347220
134135
55240
East
West

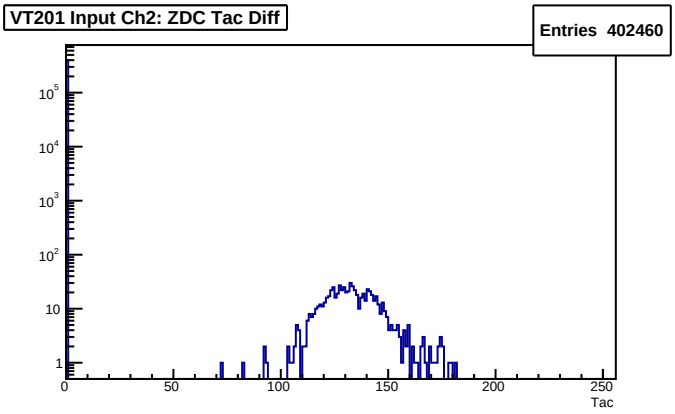

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

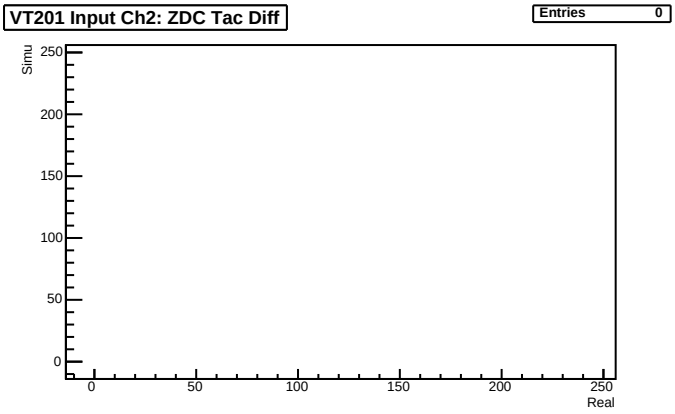

VT201 Input Ch1: EPD Tac Diff
Entries 402460
Tac

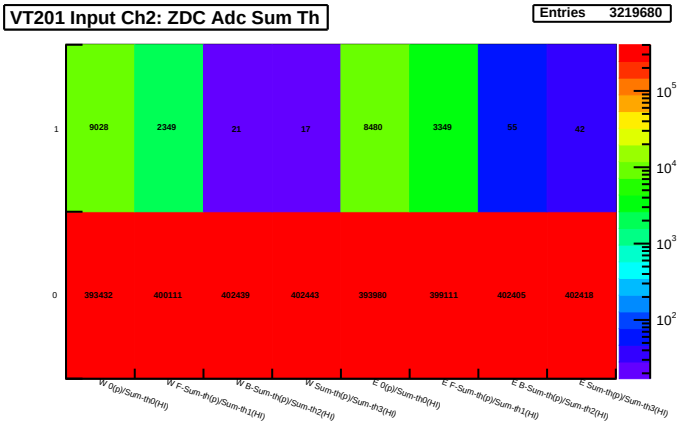

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

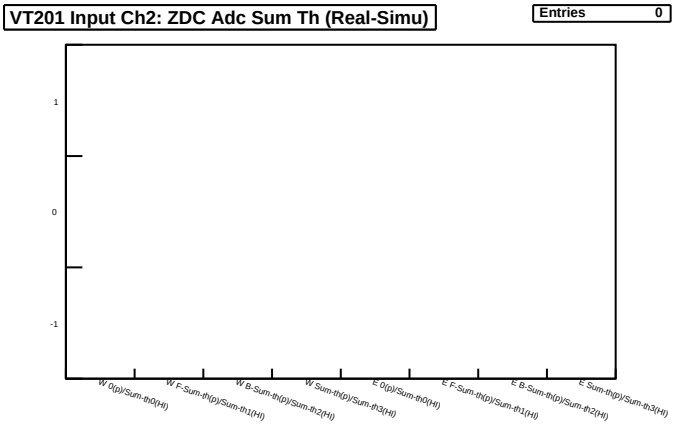

VT201 Input Ch1: EPD Hit Count Th
Entries 804920
397812
396681
4648
5779
East
West

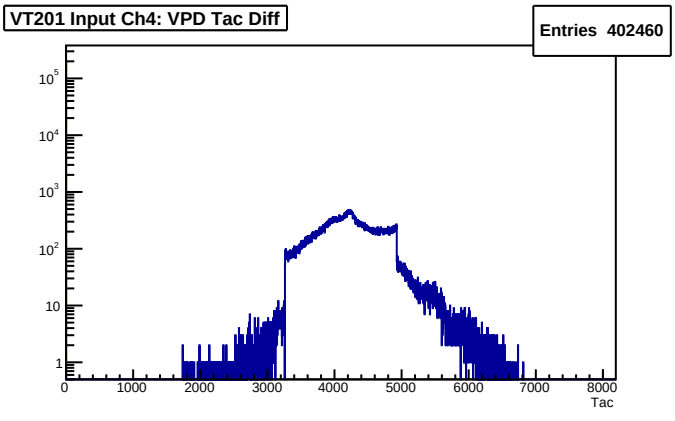

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

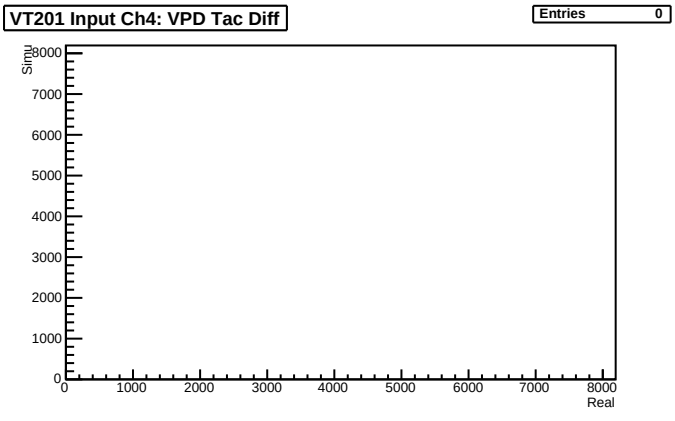

VT201 Input Ch2: ZDC Tac Diff
Entries 402460
Tac

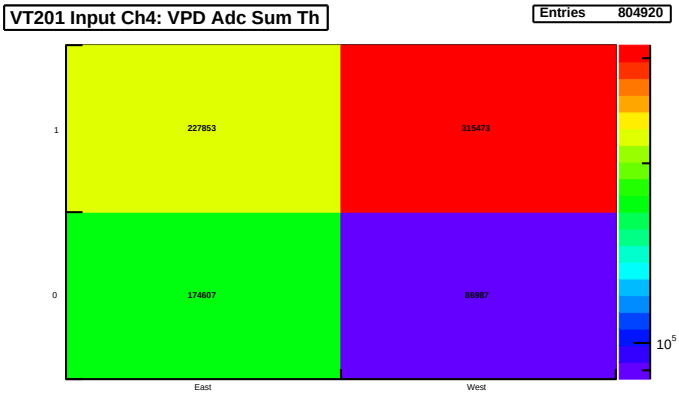

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

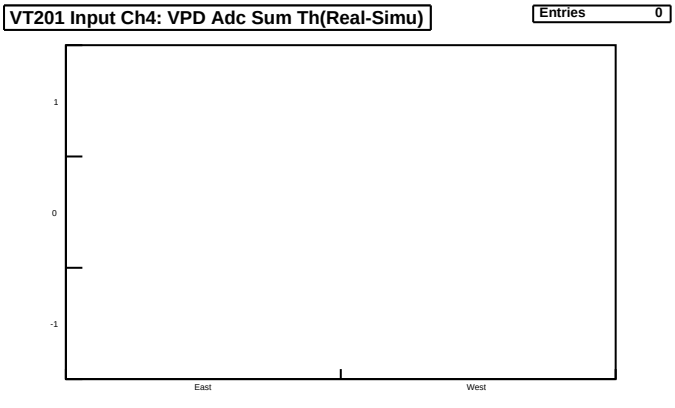

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3219680
9028
2349
21
17
8480
3349
55
42
393432
400111
402439
402443
393980
399111
402405
402418
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

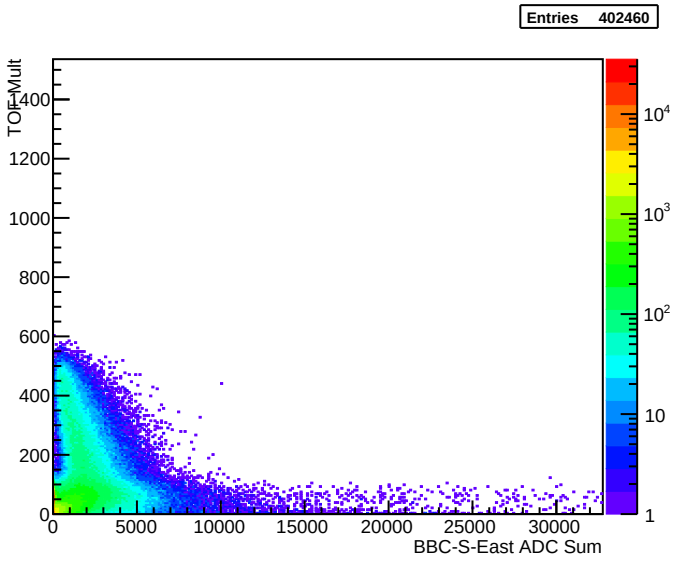

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

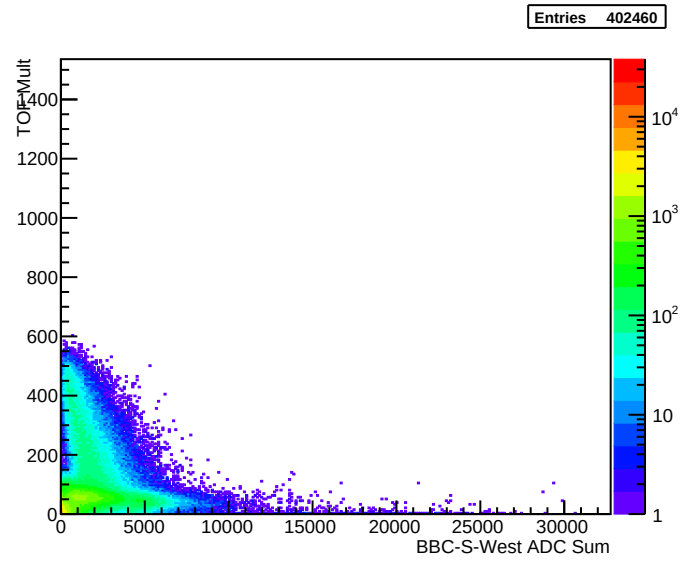

VT201 Input Ch4: VPD Tac Diff
Entries 402460
Tac

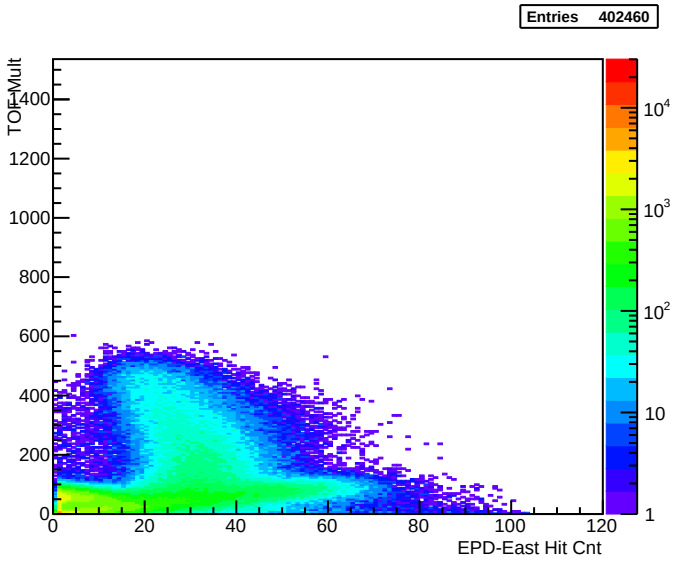

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

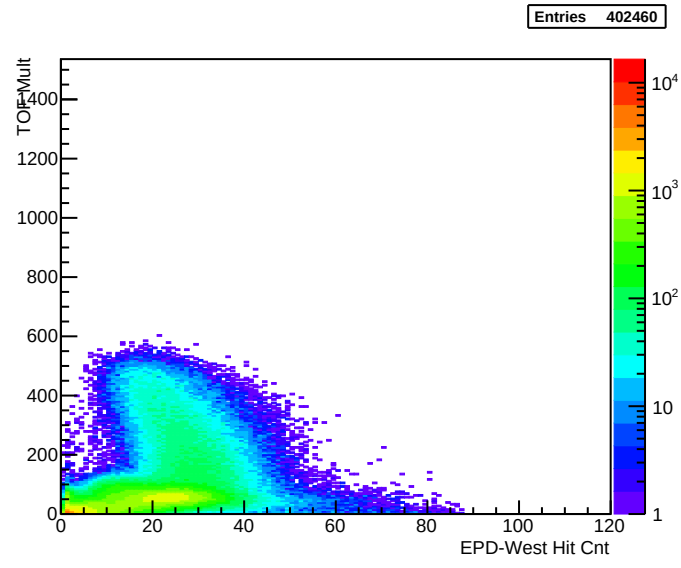

VT201 Input Ch4: VPD Adc Sum Th
Entries 804920
227853
315473
174607
86987
East
West

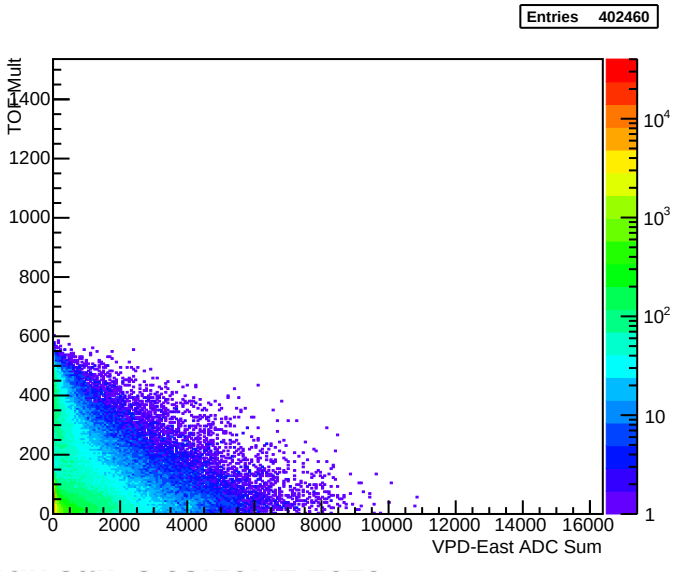

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

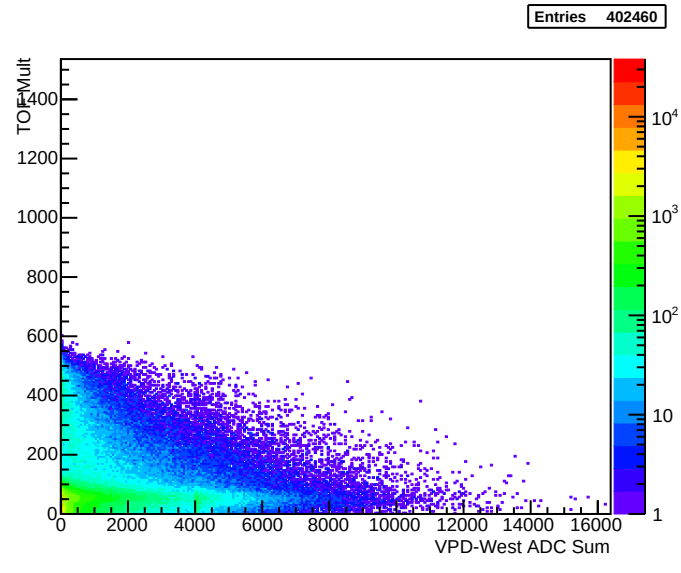

Entries 402460
TOF-Mult
BBC-S-East ADC Sum

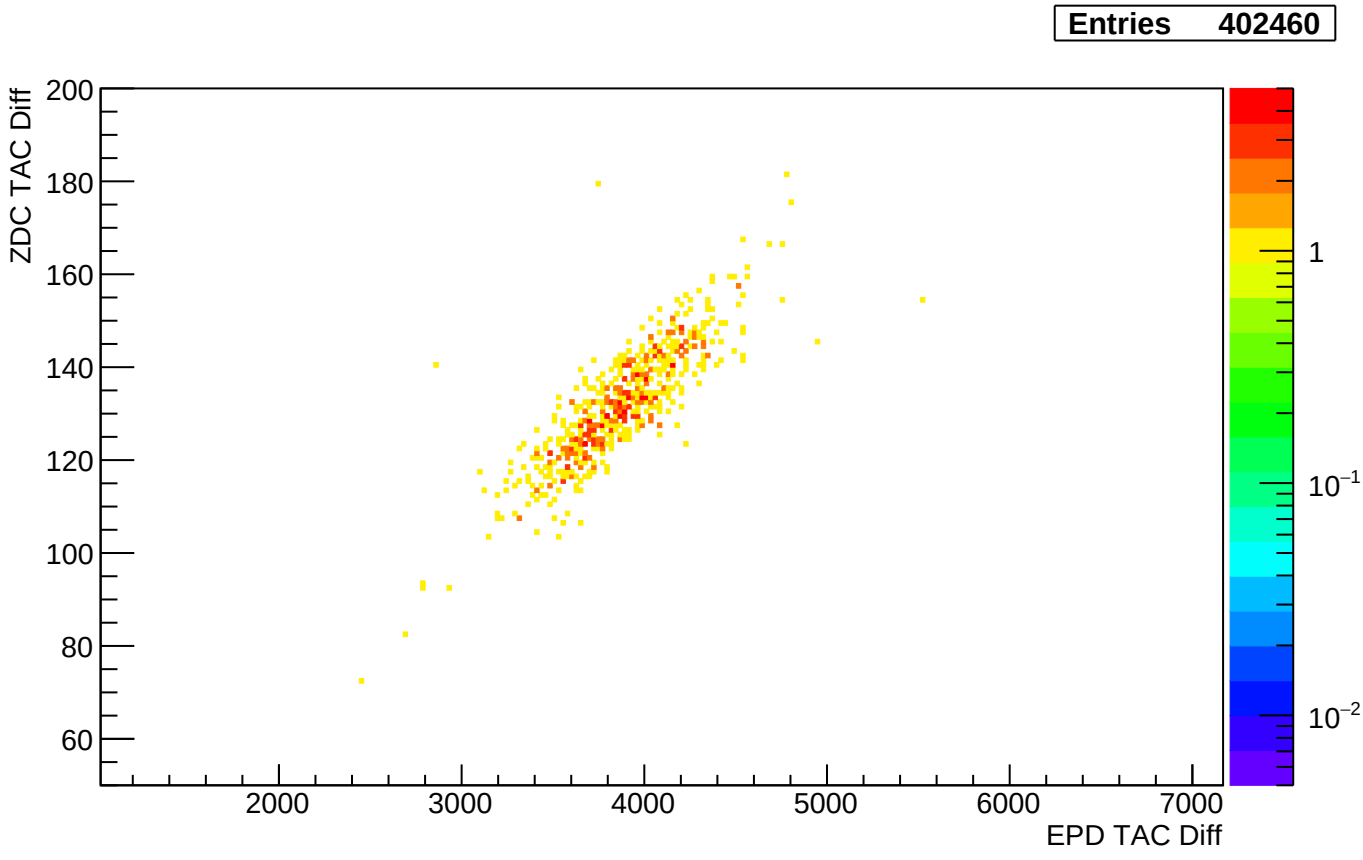

Entries 402460
TOF-Mult
BBC-S-West ADC Sum

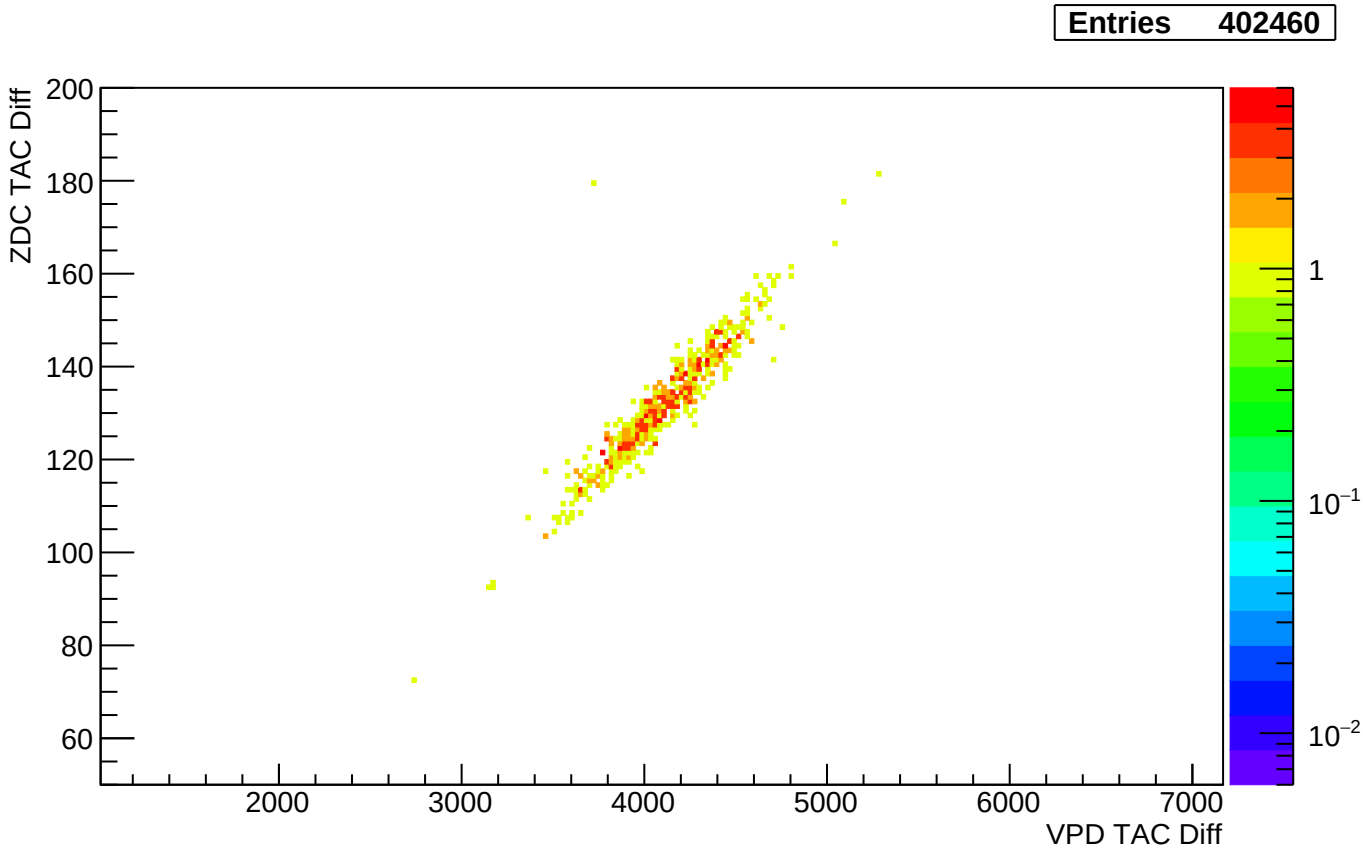

Entries 402460
TOF-Mult
EPD-East Hit Cnt

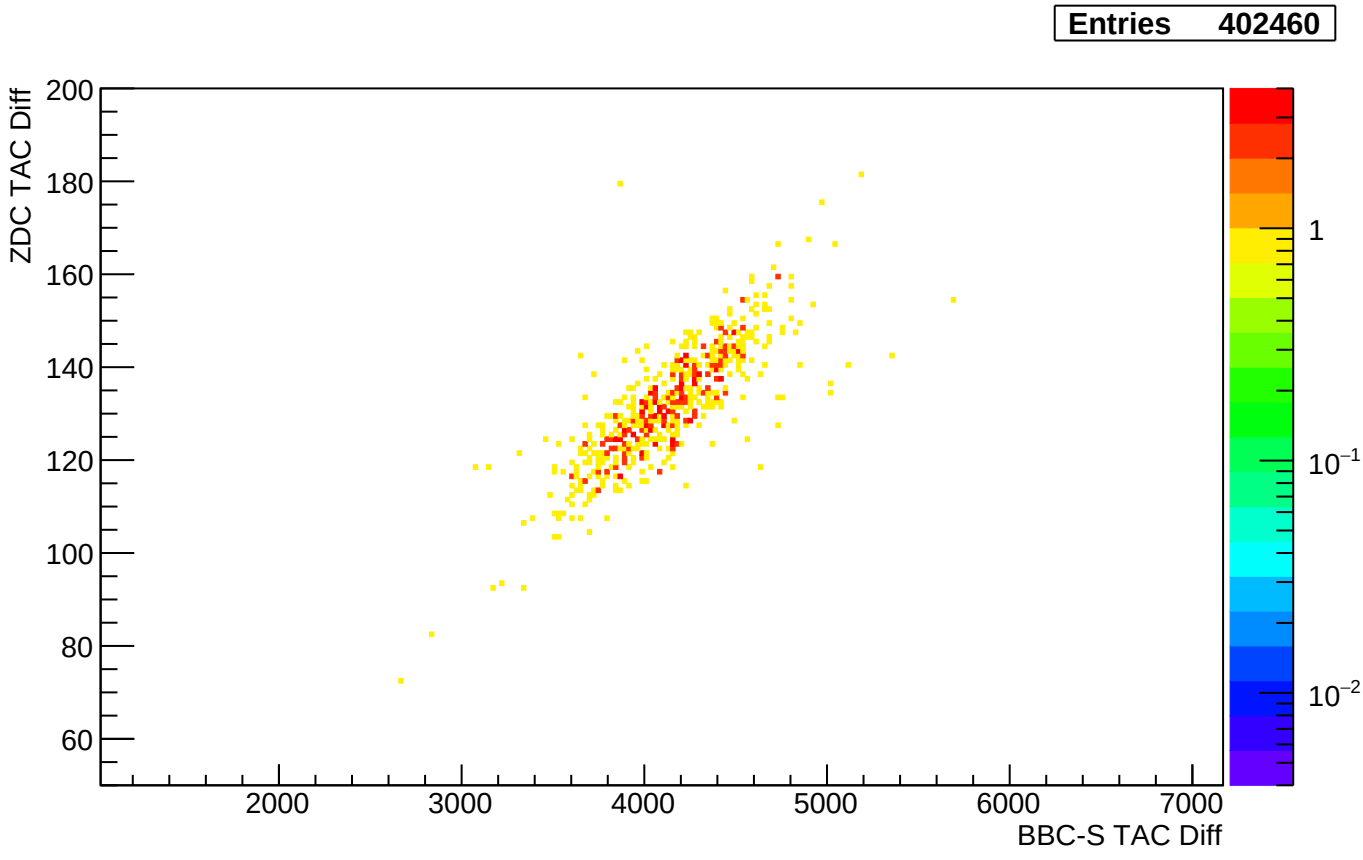

Entries 402460
TOF-Mult
EPD-West Hit Cnt

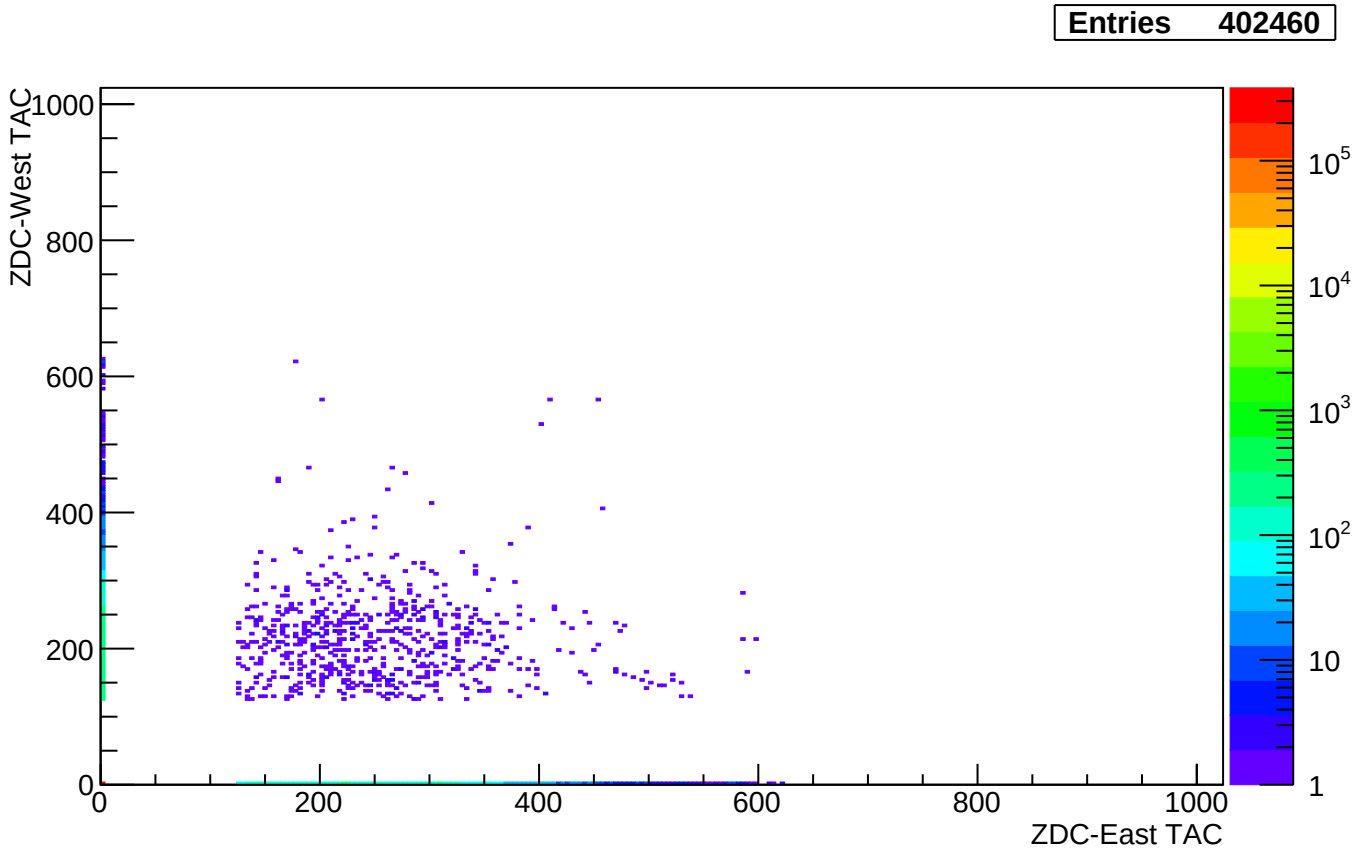

Entries 402460
TOF-Mult
VPD-East ADC Sum

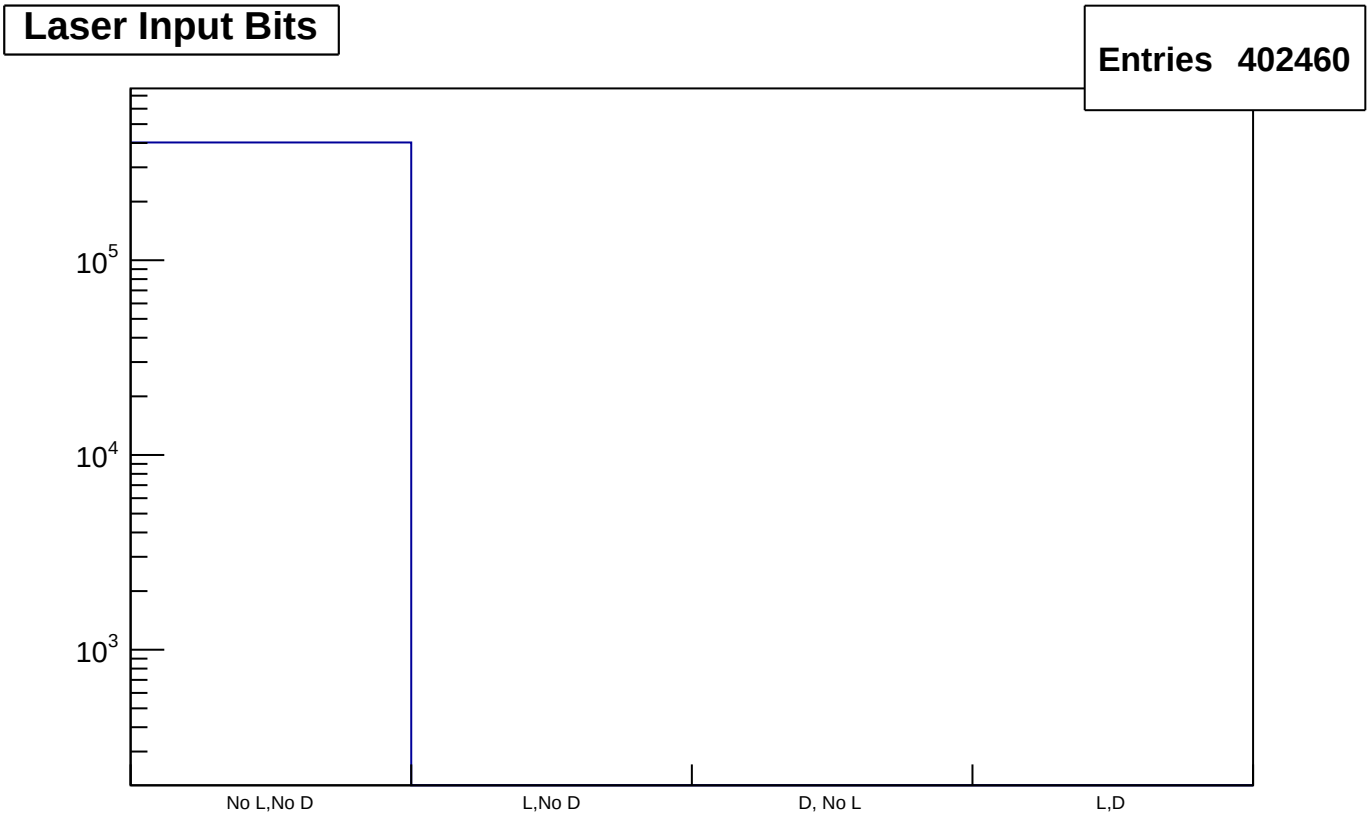

Entries 402460
TOF-Mult
VPD-West ADC Sum

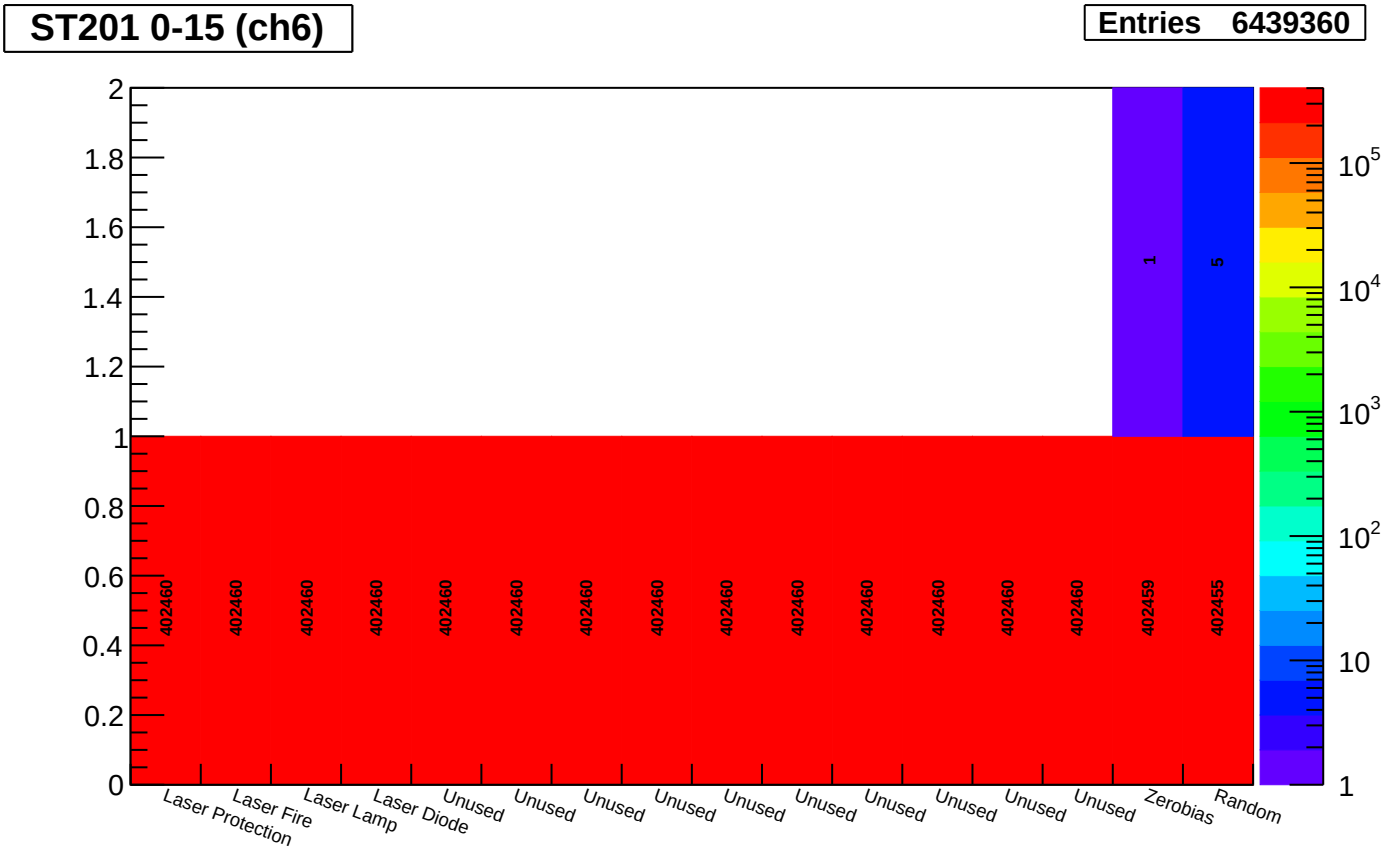

Entries 402460
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

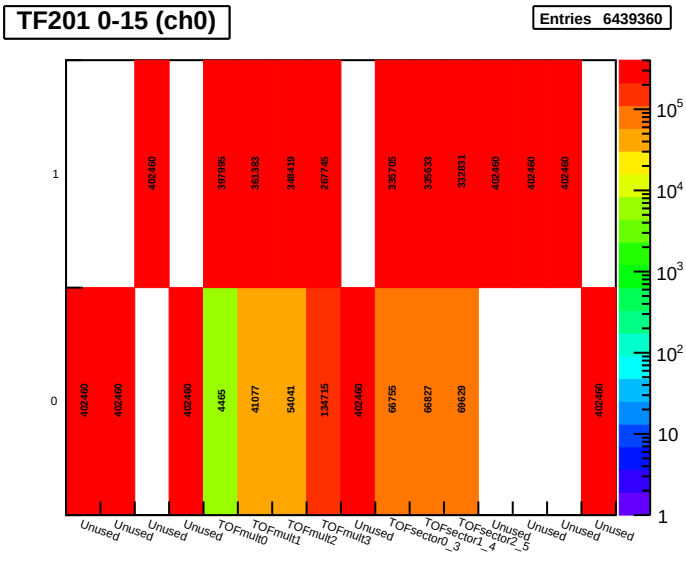

Entries 402460
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

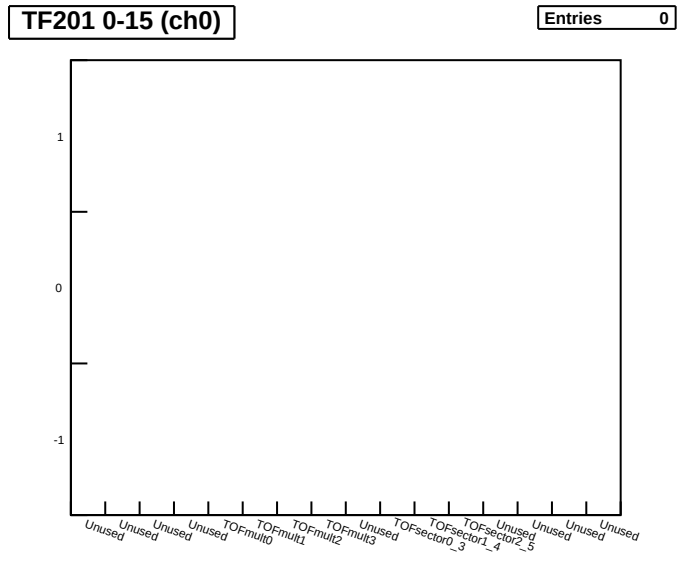

Entries 402460
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

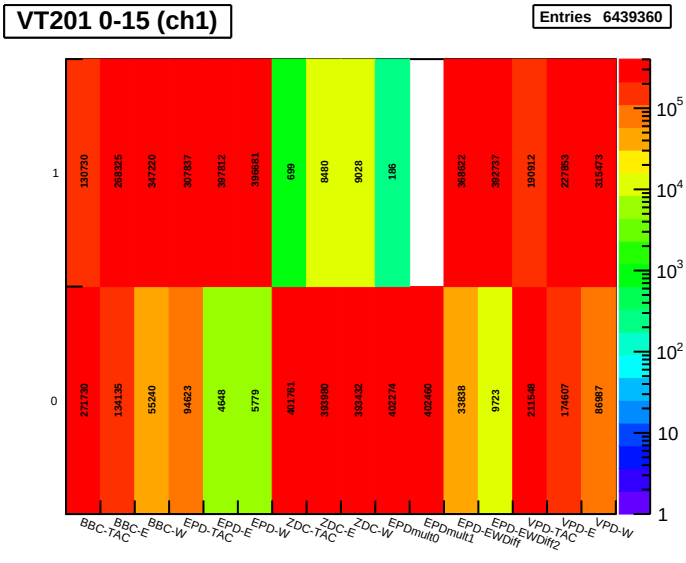

Entries 402460
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

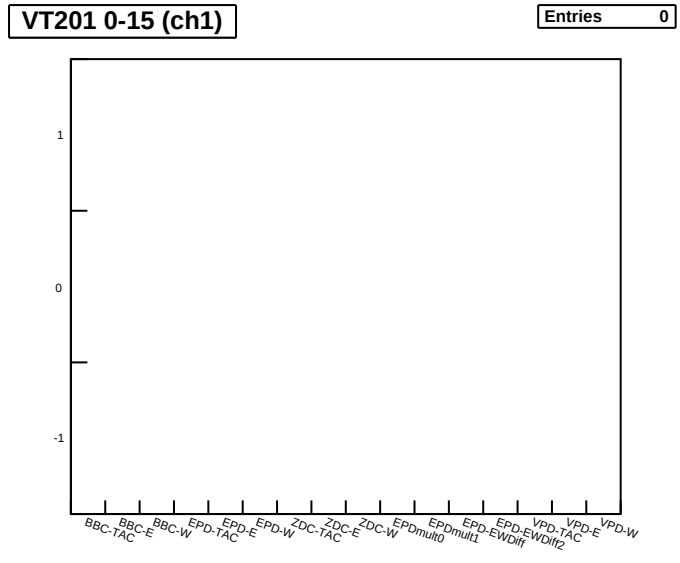

Laser Input Bits
Entries 402460
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

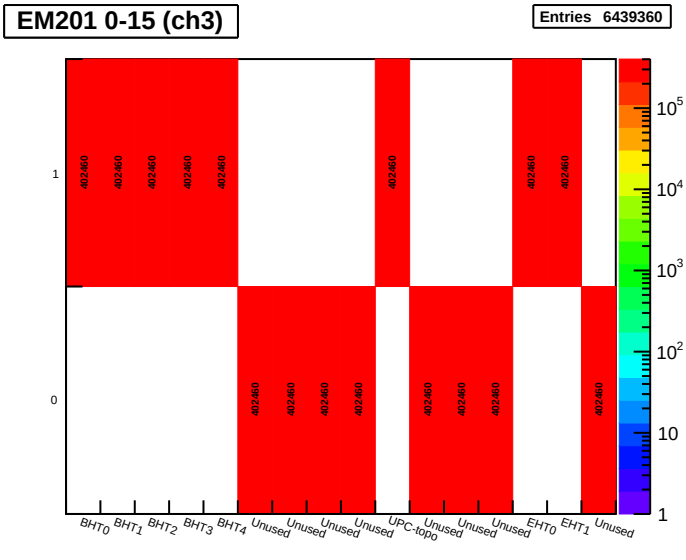

ST201 0-15 (ch6)
Entries 6439360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
402460
402459
402455
1
5
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

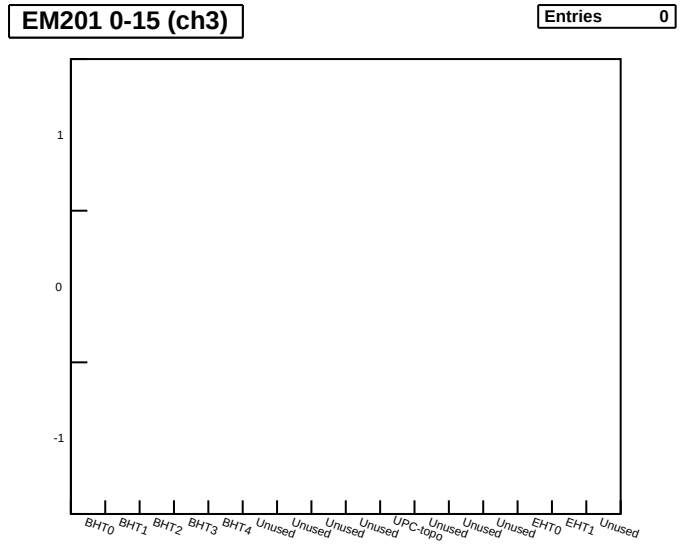

TF201 0-15 (ch0)
Entries 6439360
402460 397905 361383 348419 297745 335705 335633 332831 402460 402460 402460
402460 402460 402460 4465 41077 54041 134715 402460 66795 66827 69629 402460
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 6439360
130730 268325 347220 307837 397812 396681 699 8480 9028 186 368622 392737 190912 227853 315473
271730 134135 55240 94623 4648 5779 401761 393980 393432 402274 402460 33838 9723 211546 174607 86987
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


VT201 0-15 (ch1)
Entries 0
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 6439360
402460 402460 402460 402460 402460 402460 402460 402460
402460 402460 402460 402460 402460 402460 402460 402460
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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