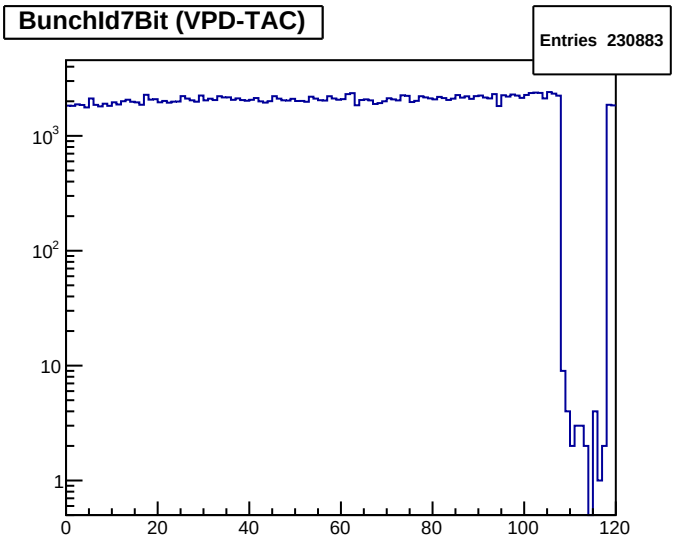
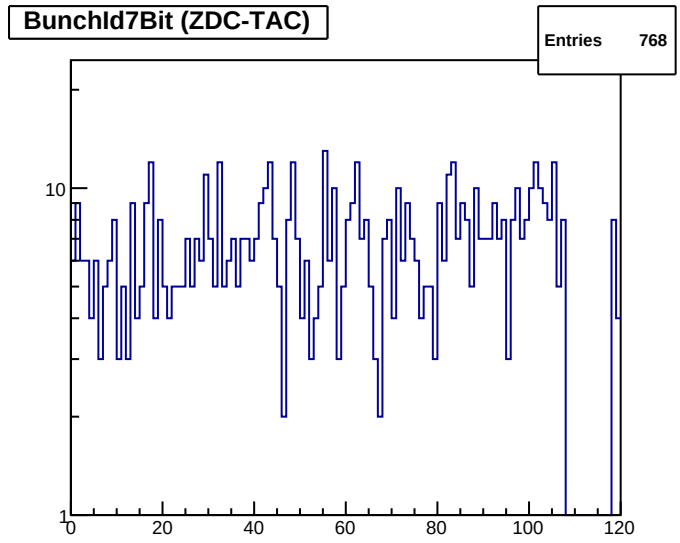
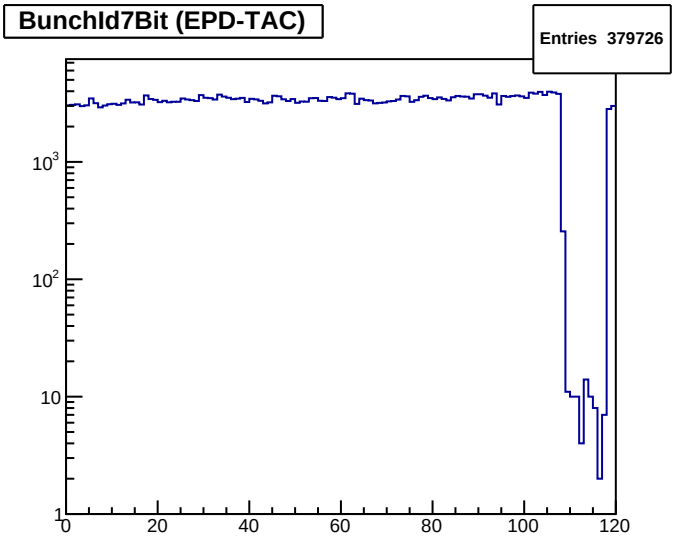
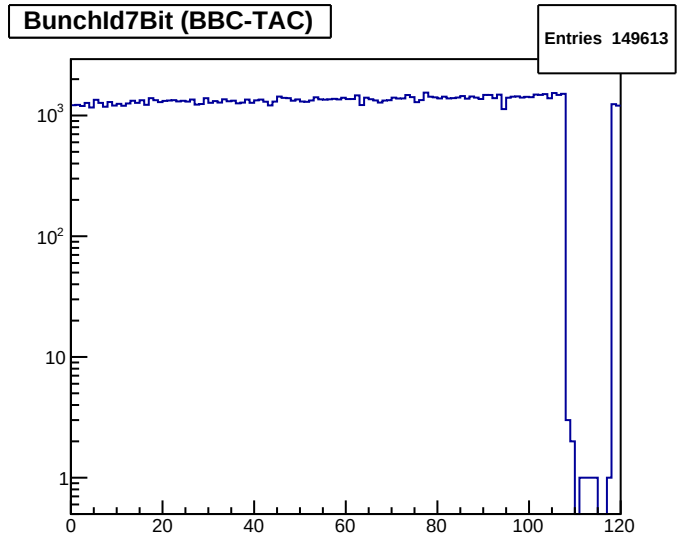
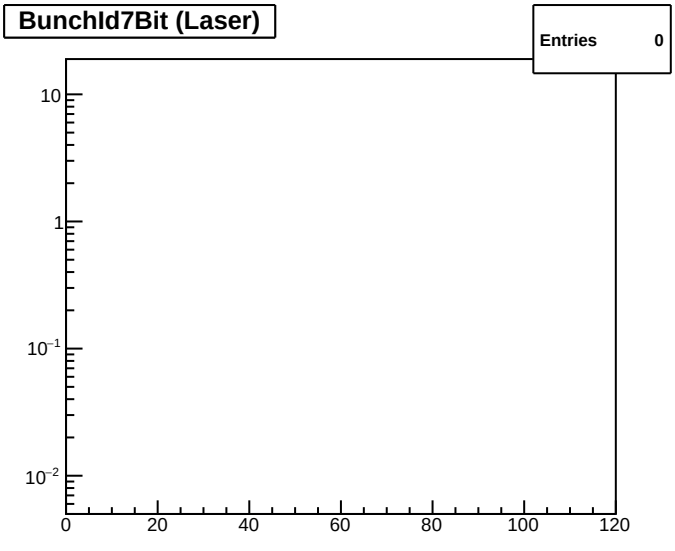
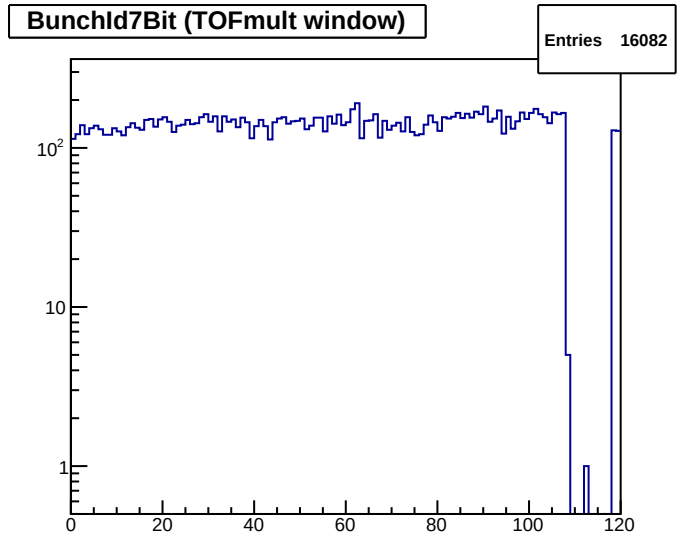

BunchId7Bit (VPD-TAC)
Entries 230883

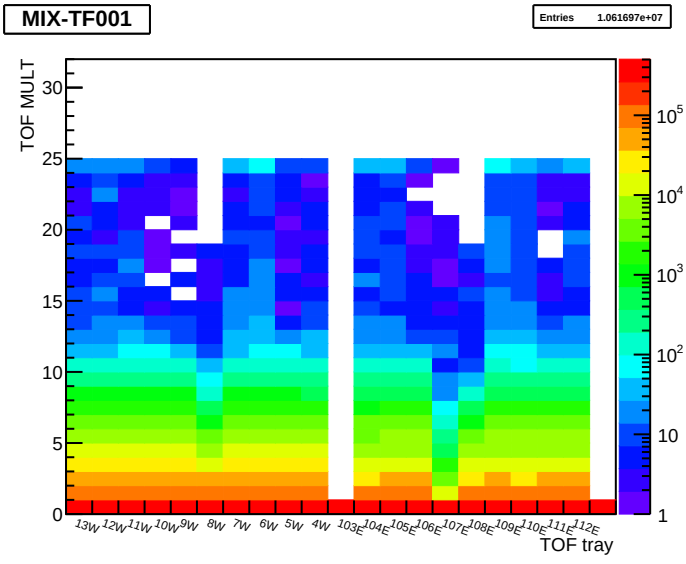

BunchId7Bit (ZDC-TAC)
Entries 768

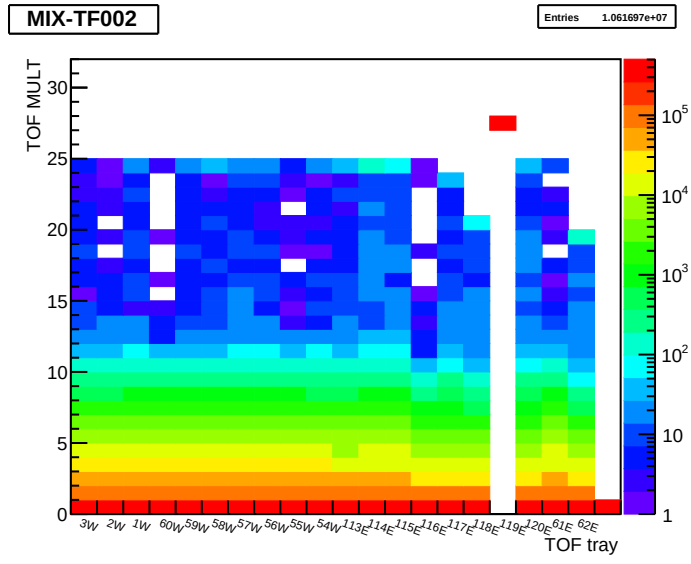

BunchId7Bit (EPD-TAC)
Entries 379726

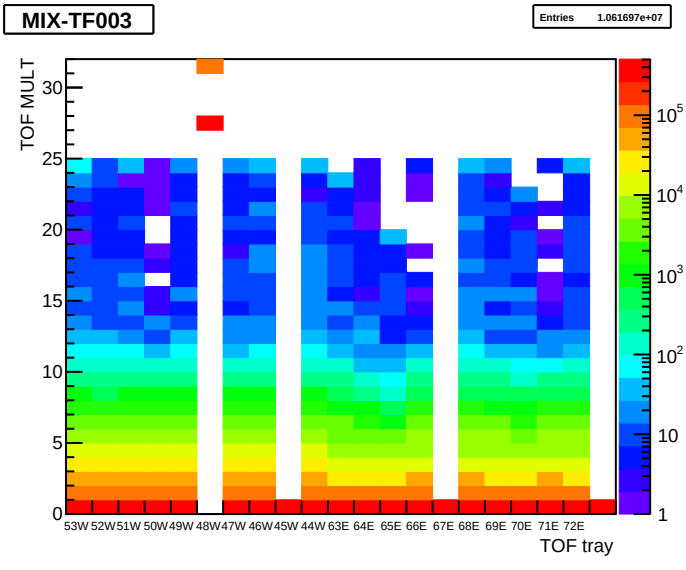

BunchId7Bit (BBC-TAC)
Entries 149613

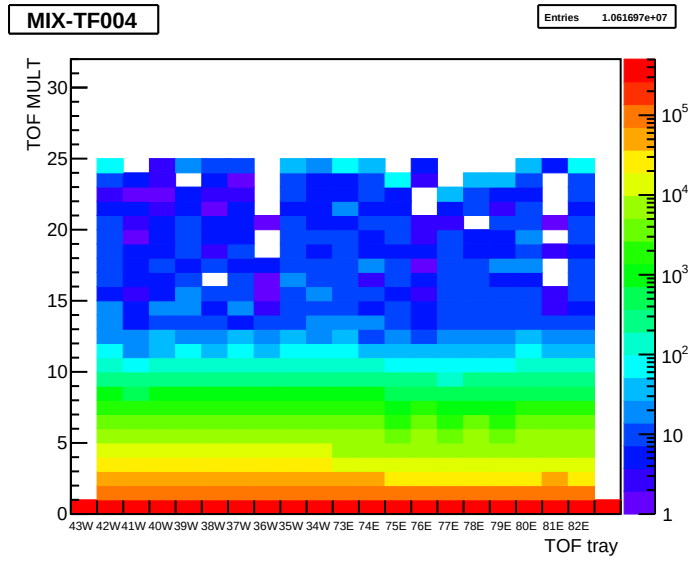

BunchId7Bit (Laser)
Entries 0

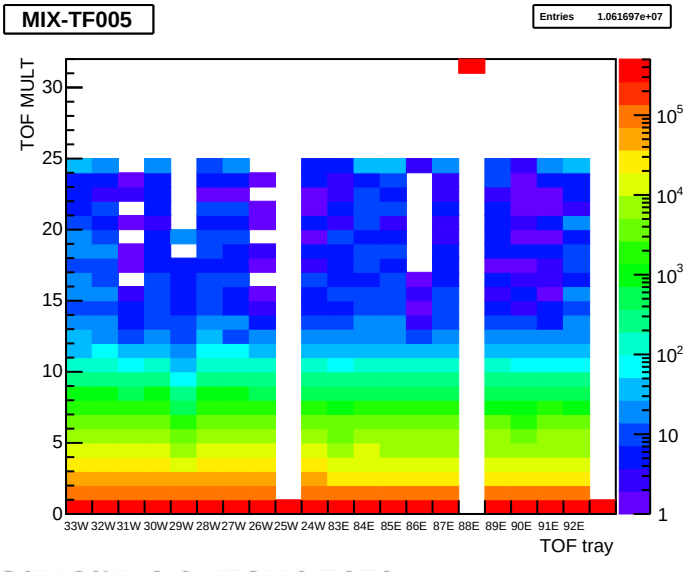

BunchId7Bit (TOFmult window)
Entries 16082

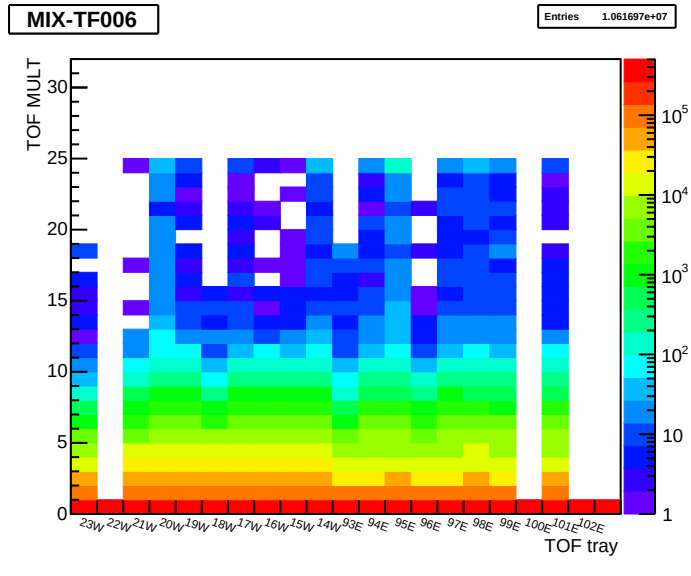

MIX-TF001
Entries 1.061697e+07
TOF MULT
TOF tray

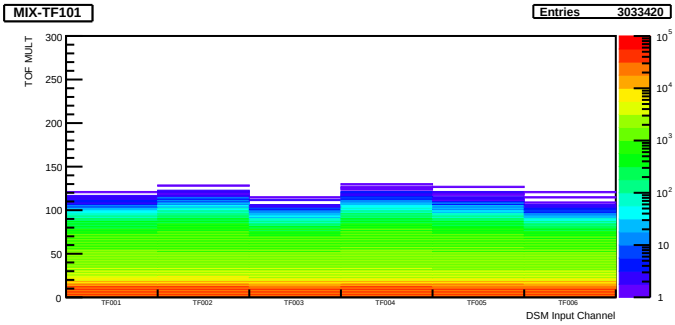

MIX-TF002
Entries 1.061697e+07
TOF MULT
TOF tray

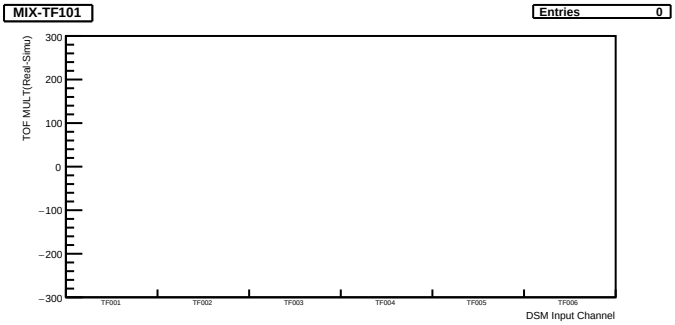

MIX-TF003
Entries 1.061697e+07
TOF MULT
TOF tray

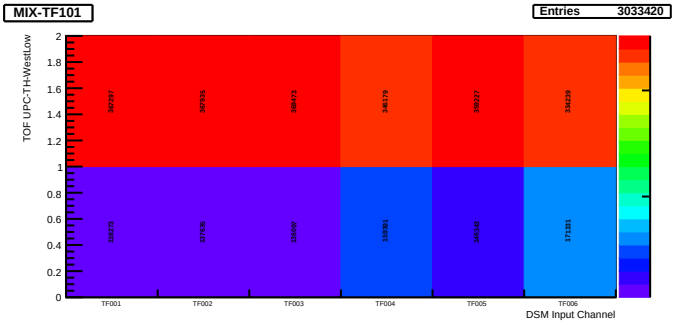

MIX-TF004
Entries 1.061697e+07
TOF MULT
TOF tray

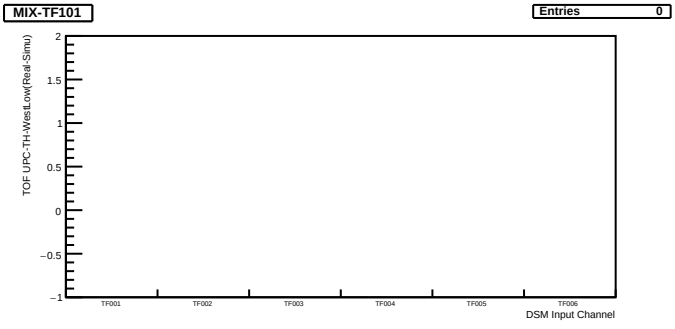

MIX-TF005
Entries 1.061697e+07
TOF MULT
TOF tray

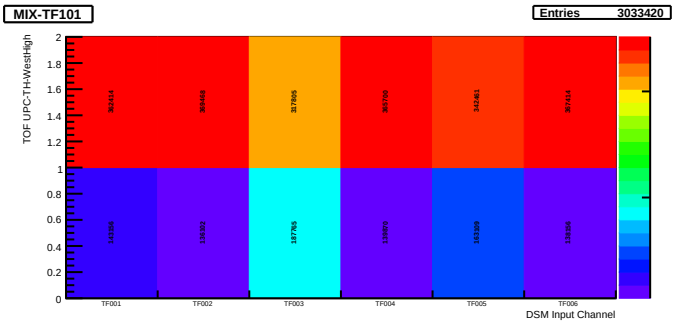

MIX-TF006
Entries 1.061697e+07
TOF MULT
TOF tray

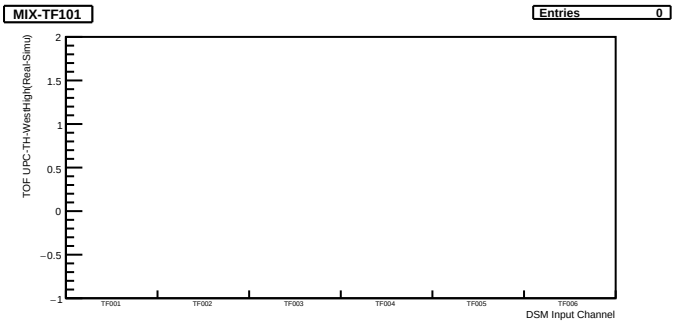

MIX-TF101
Entries 3033420
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

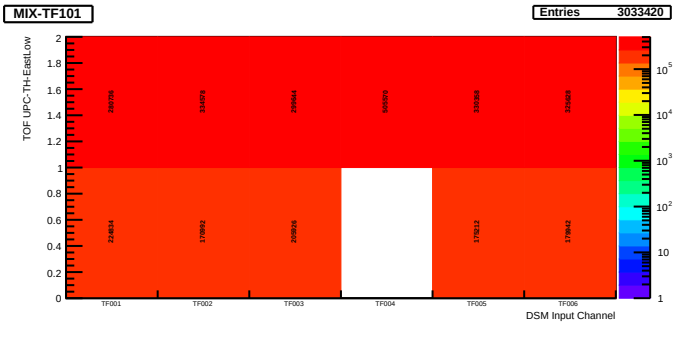

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

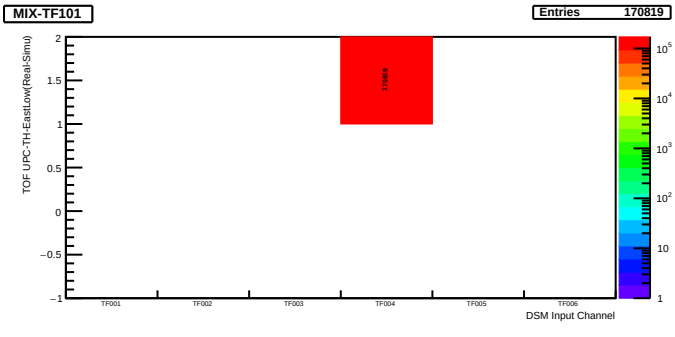

MIX-TF101
Entries 3033420
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

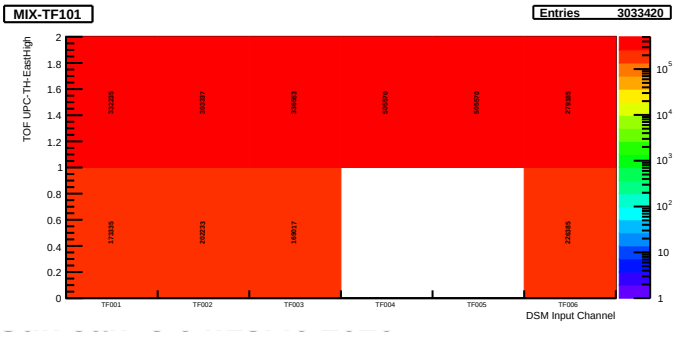

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

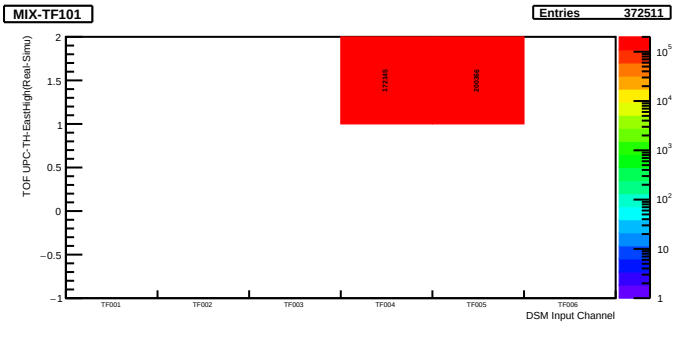

MIX-TF101
Entries 3033420
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

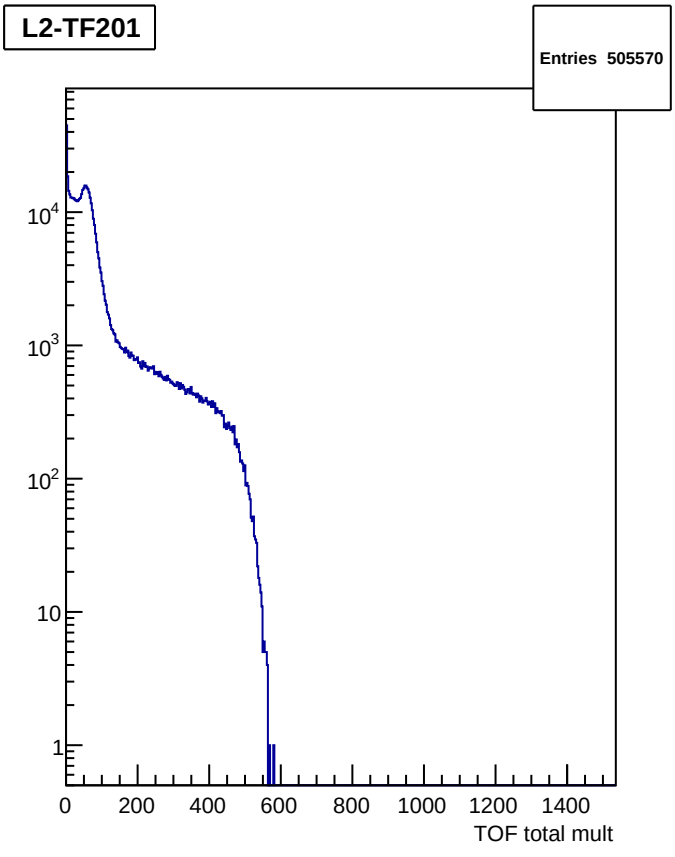

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

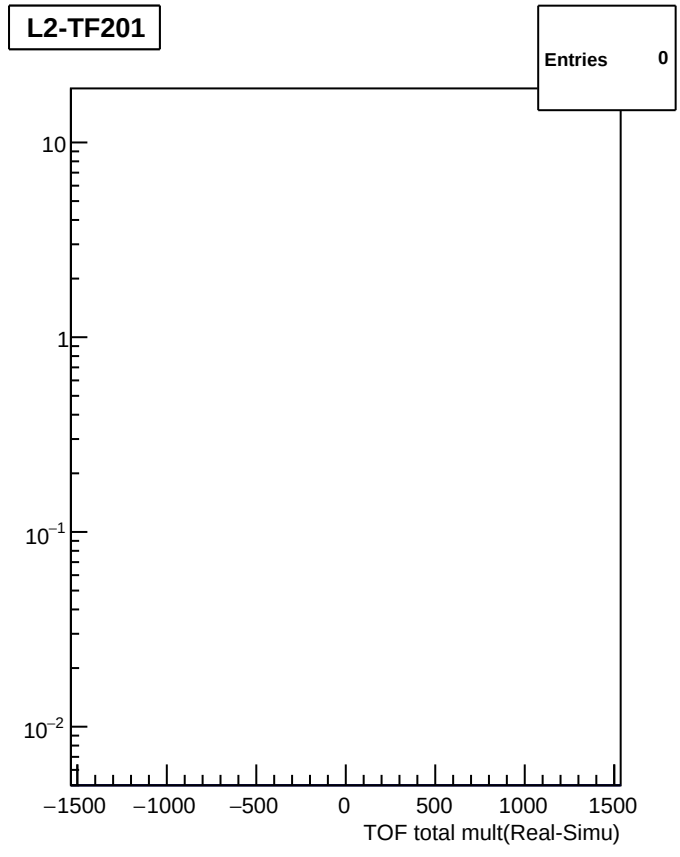

MIX-TF101
Entries 3033420
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

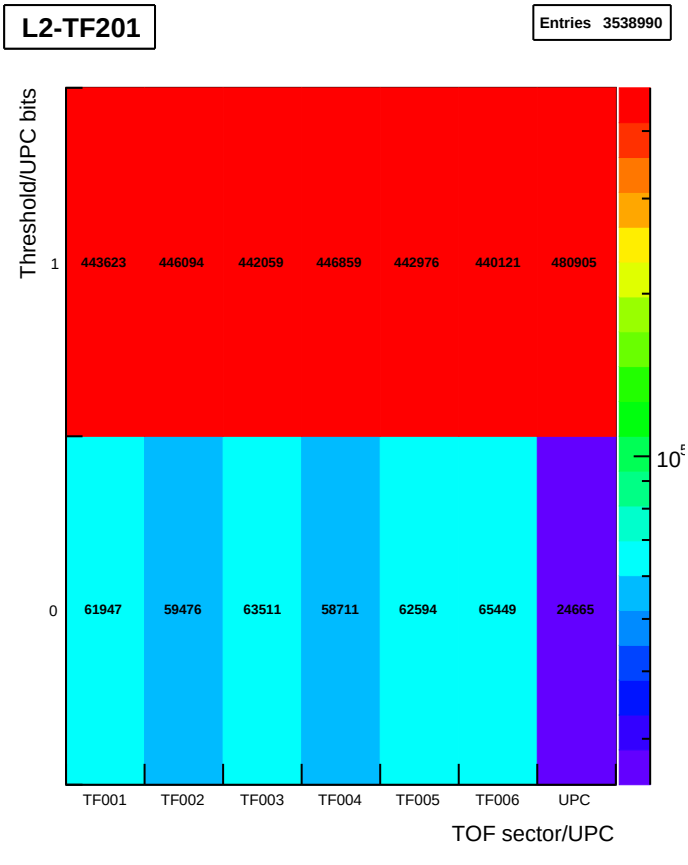

MIX-TF101
Entries 170819
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

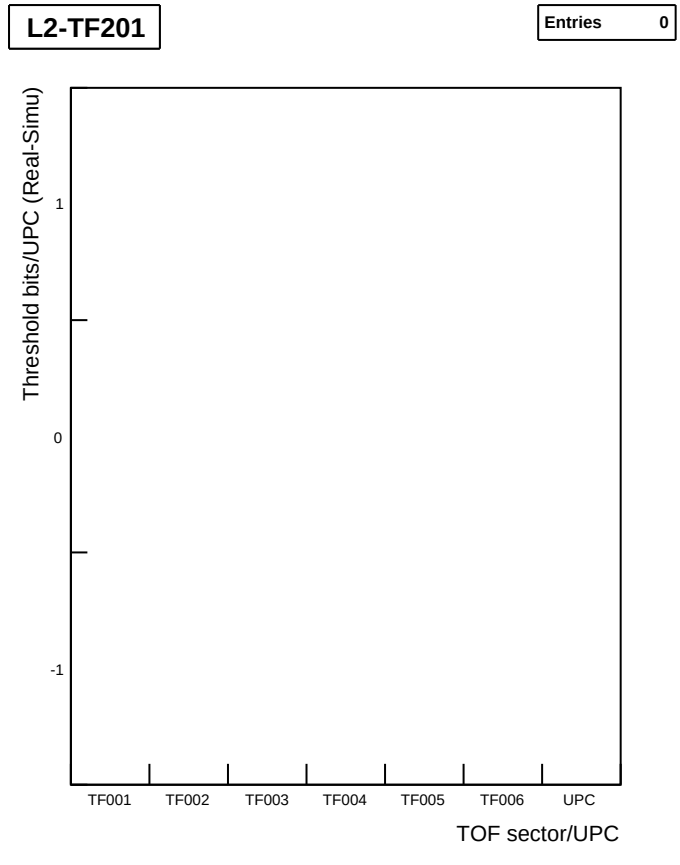

MIX-TF101
Entries 3033420
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

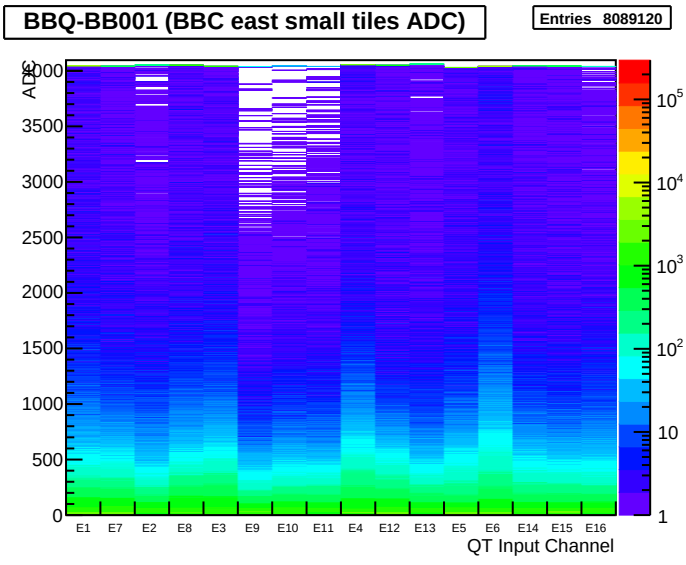

MIX-TF101
Entries 372511
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

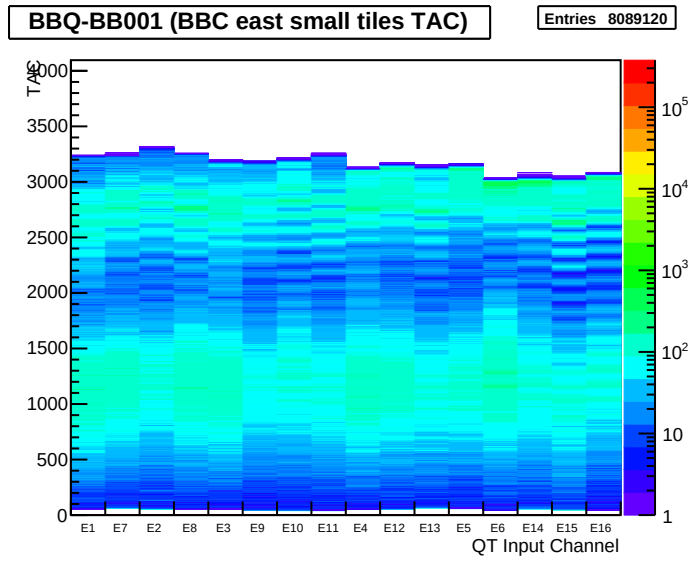

L2-TF201
Entries 505570
TOF total mult

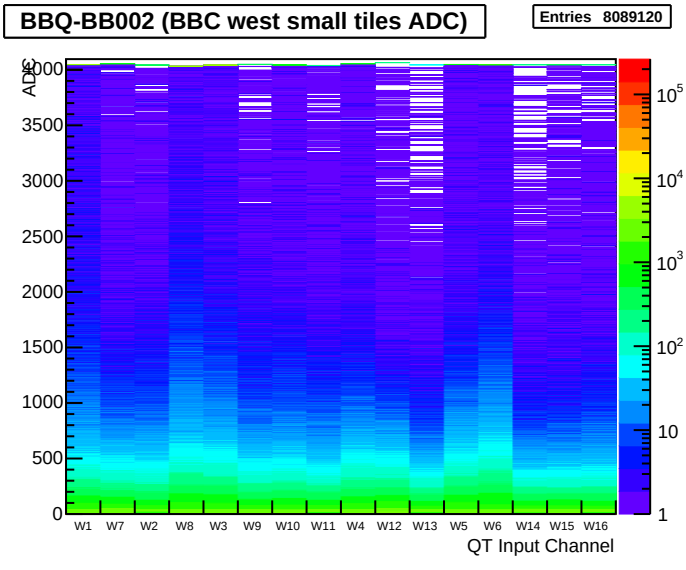

L2-TF201
Entries 0
TOF total mult(Real-Simu)

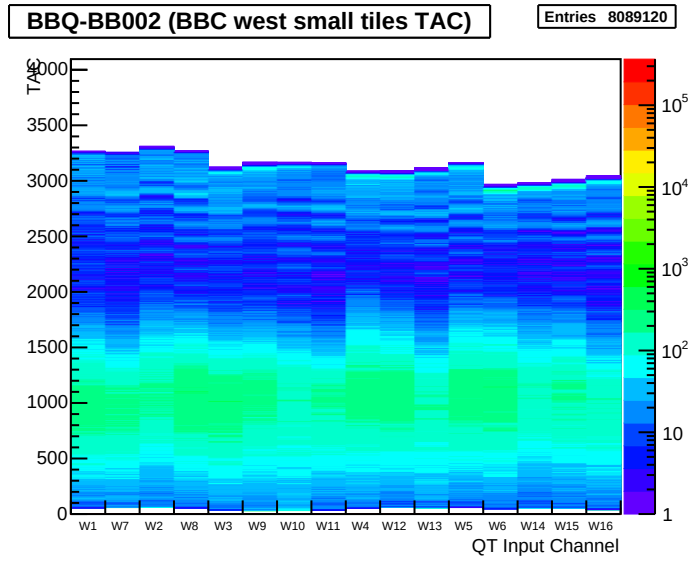

L2-TF201
Entries 3538990
Threshold/UPC bits
443623
446094
442059
446859
442976
440121
480905
61947
59476
63511
58711
62594
65449
24665
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

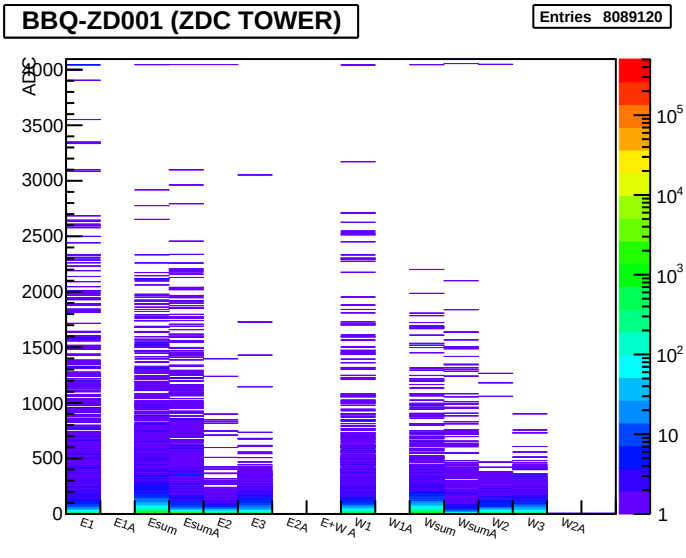

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

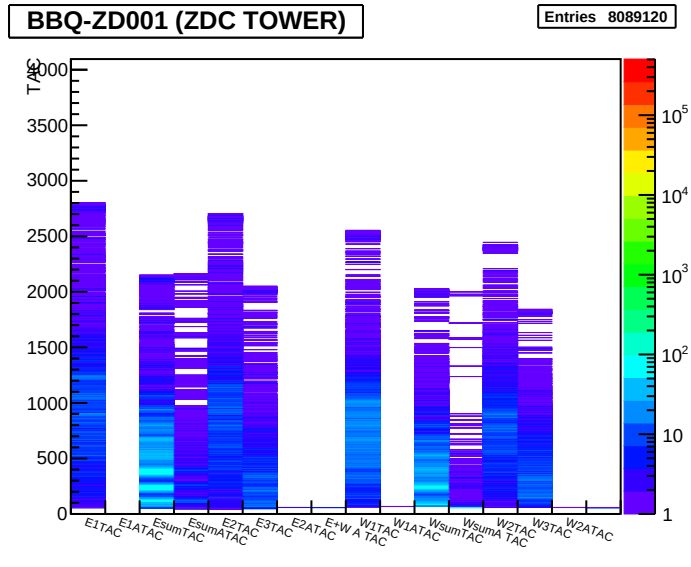

BBQ-BB001 (BBC east small tiles ADC)
Entries 8089120
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

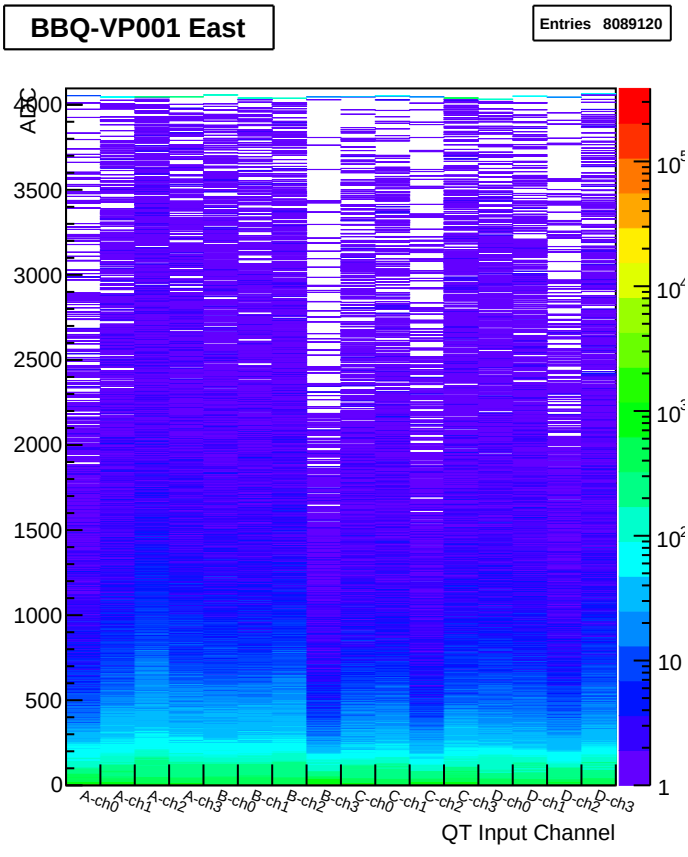

BBQ-BB001 (BBC east small tiles TAC)
Entries 8089120
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

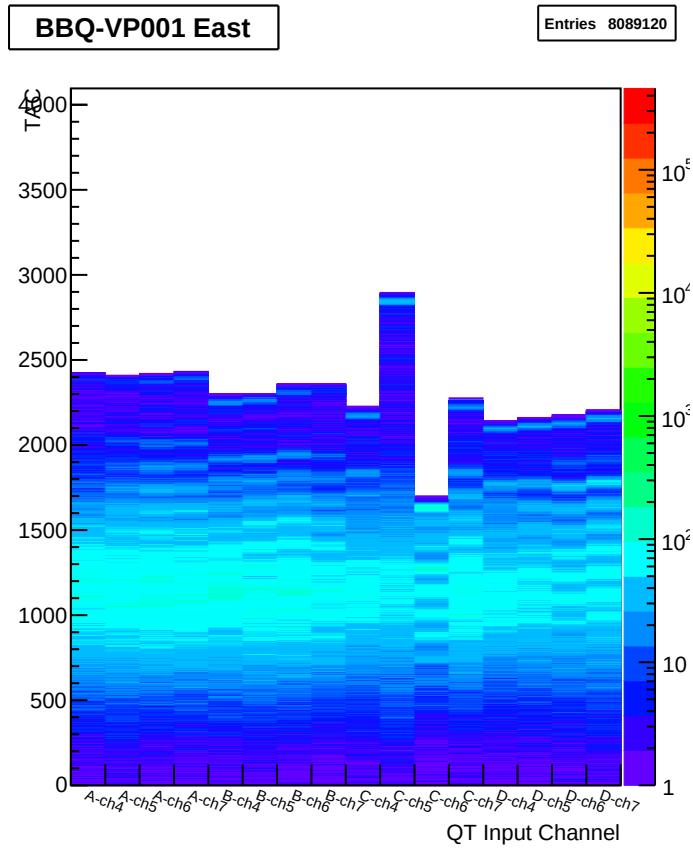

BBQ-BB002 (BBC west small tiles ADC)
Entries 8089120
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

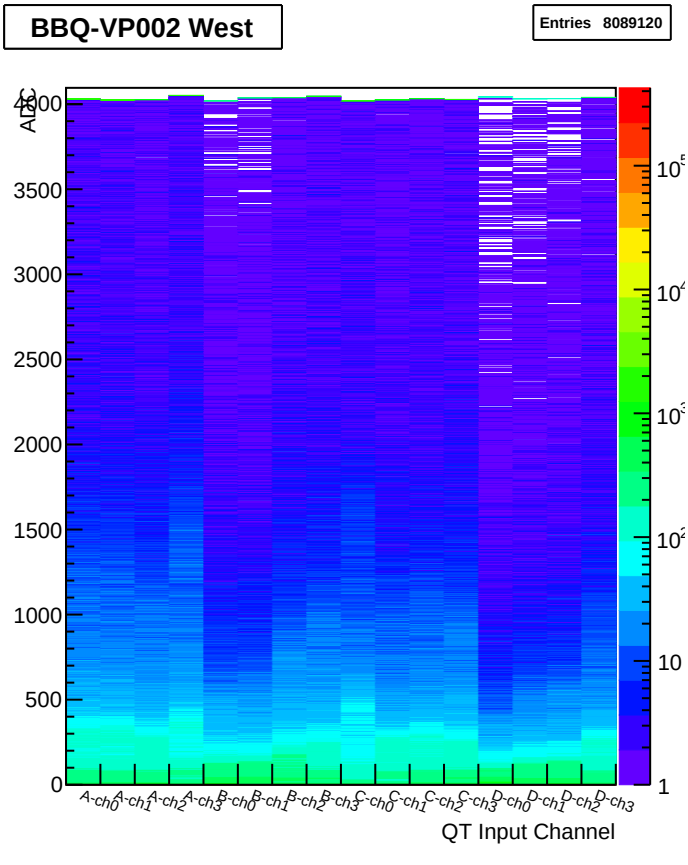

BBQ-BB002 (BBC west small tiles TAC)
Entries 8089120
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

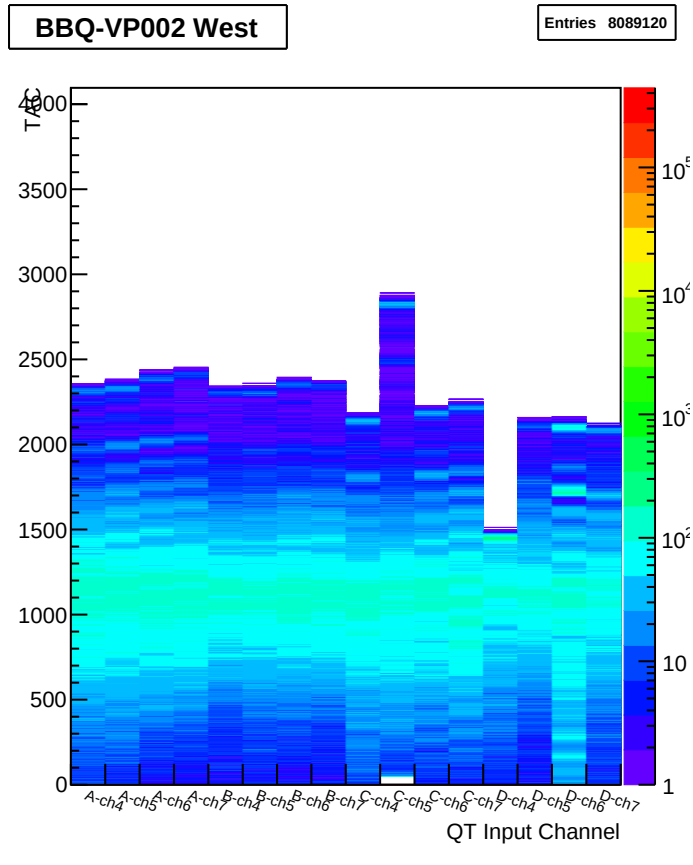

BBQ-ZD001 (ZDC TOWER)
Entries 8089120
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

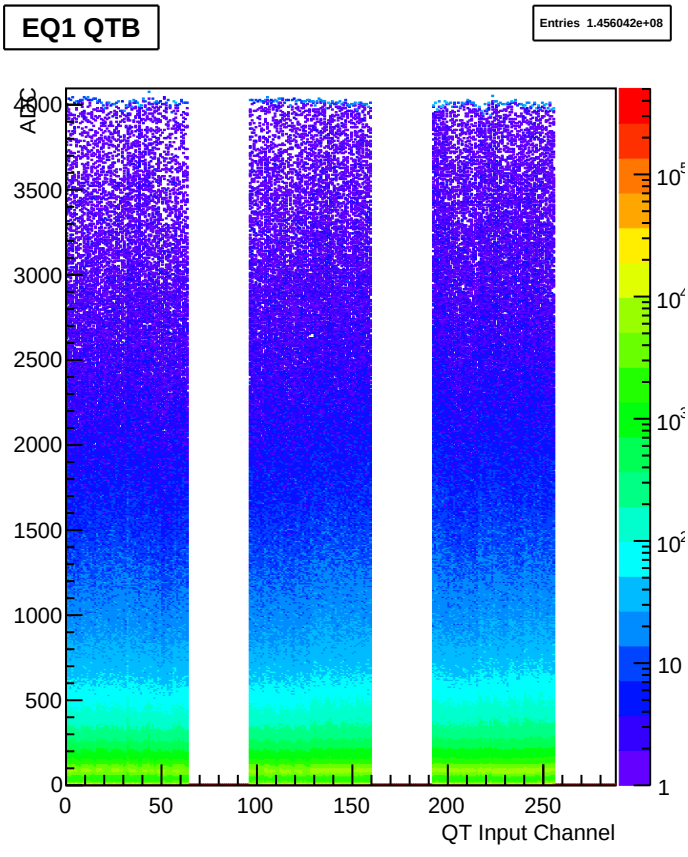

BBQ-ZD001 (ZDC TOWER)
Entries 8089120
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

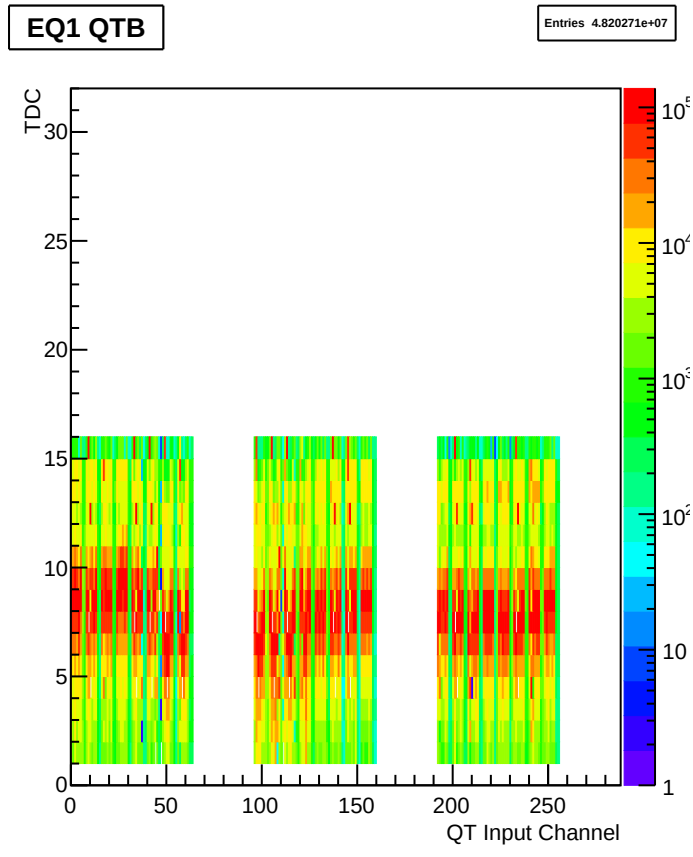

BBQ-VP001 East
Entries 8089120
ADC
QT Input Channel

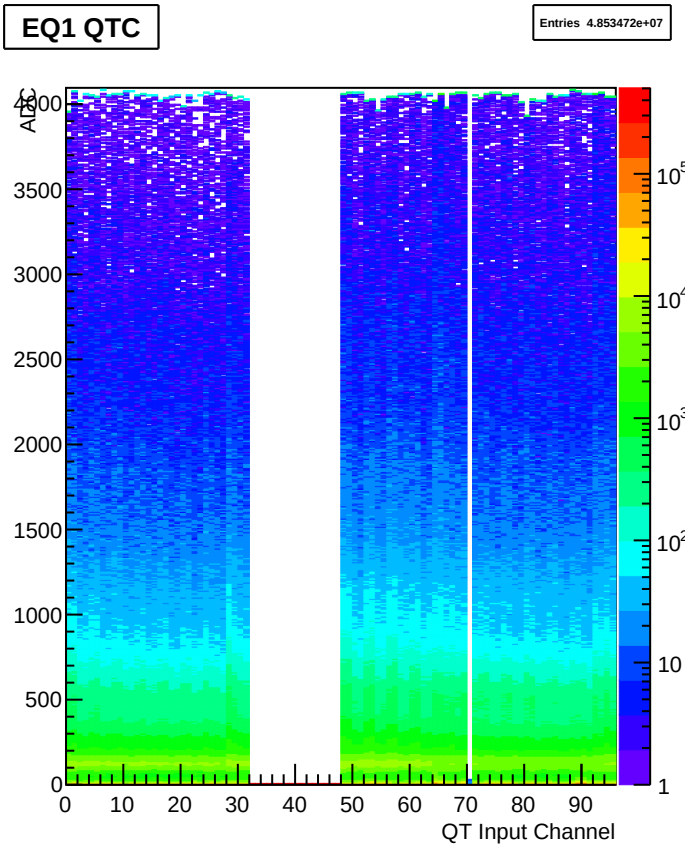

BBQ-VP001 East
Entries 8089120
ADC
QT Input Channel

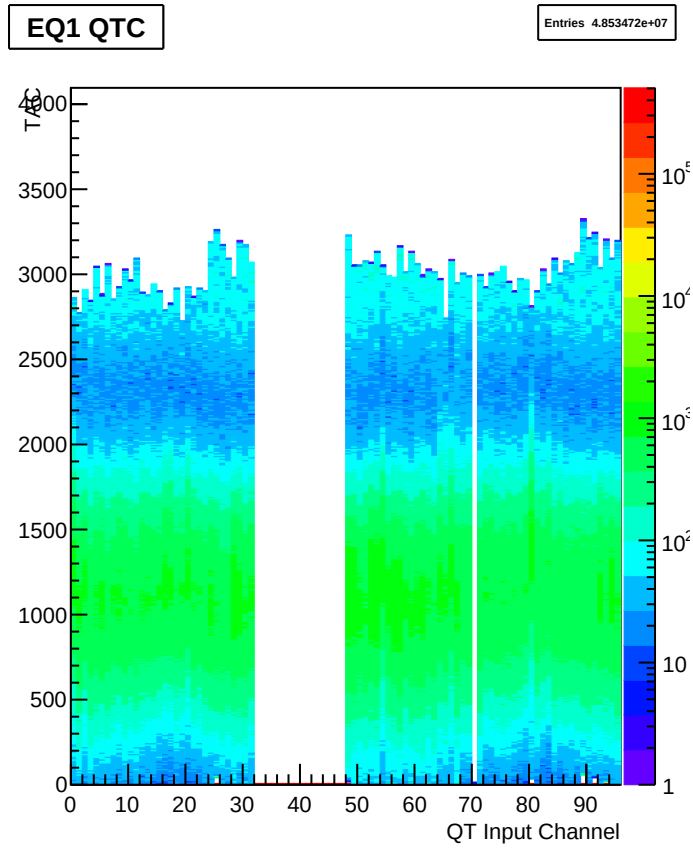

BBQ-VP002 West
Entries 8089120
ADC
QT Input Channel

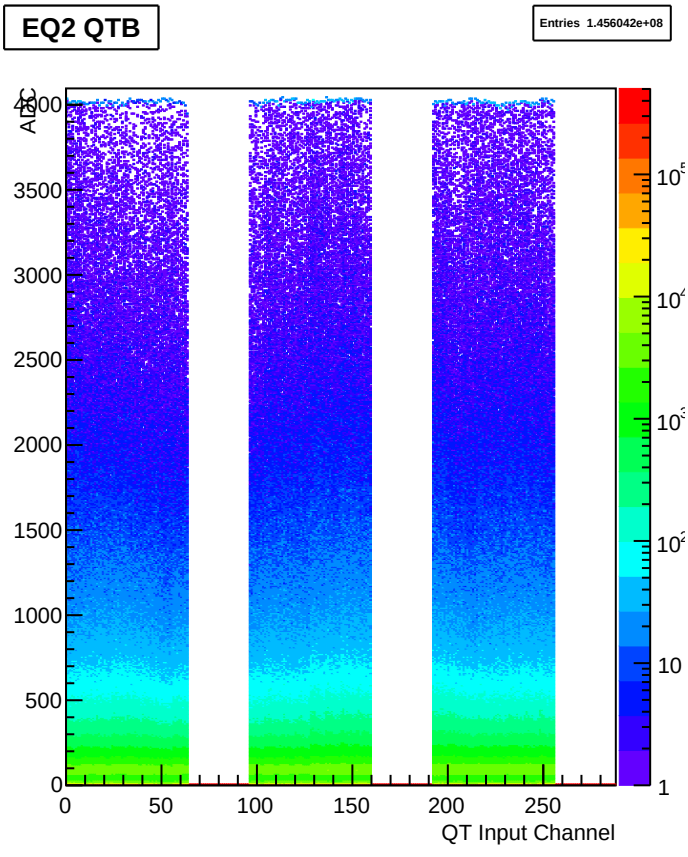

BBQ-VP002 West
Entries 8089120
ADC
QT Input Channel

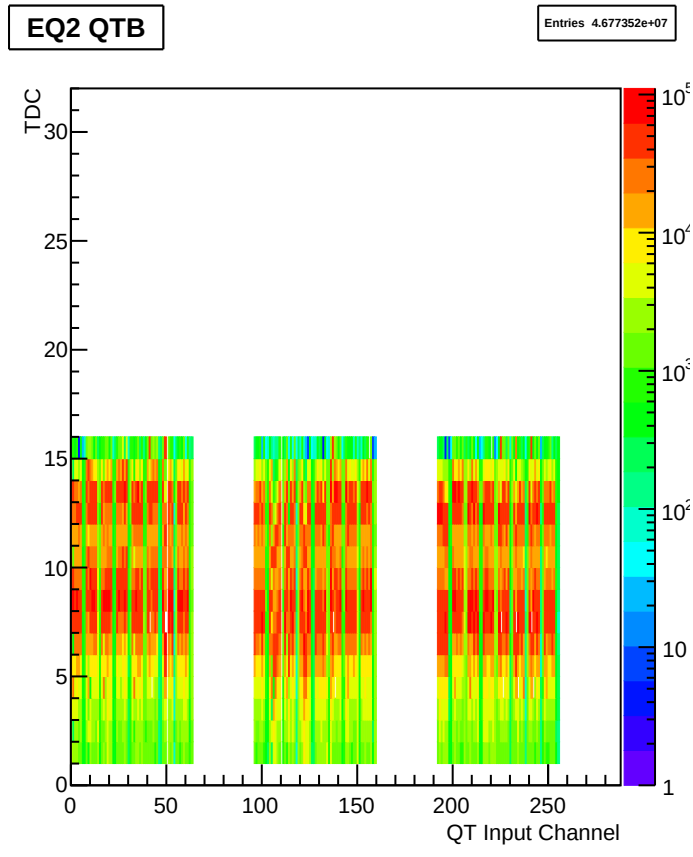

EQ1 QTB
Entries 1.456042e+08
ADC
QT Input Channel

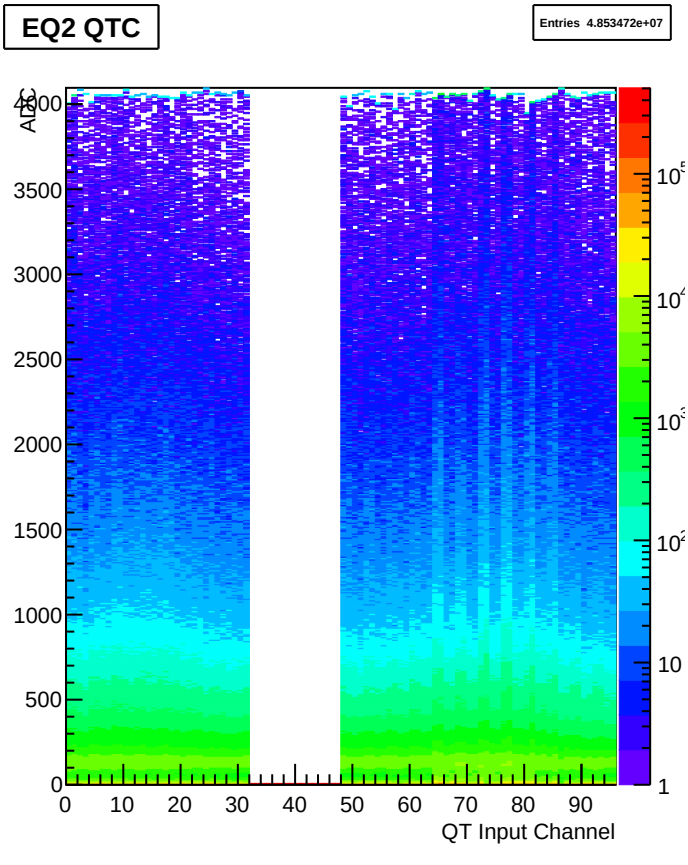

EQ1 QTB
Entries 4.820271e+07
TDC
QT Input Channel

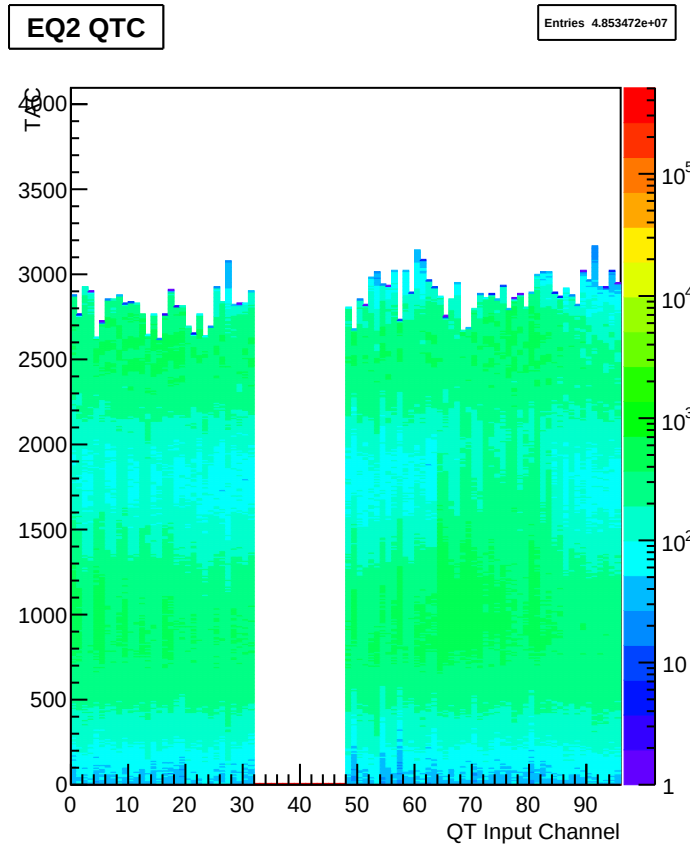

EQ1 QTC
Entries 4.853472e+07
ADC
QT Input Channel

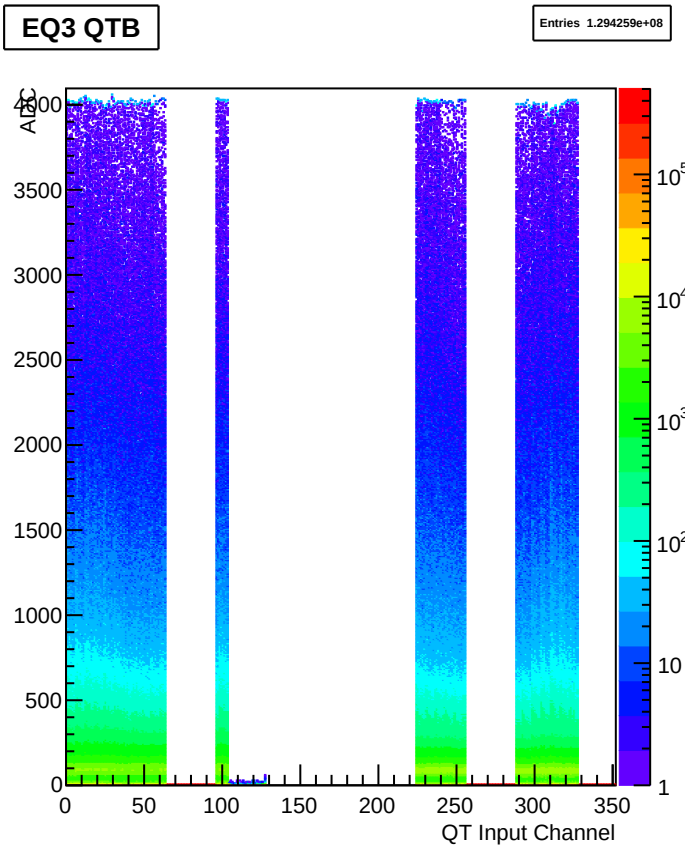

EQ1 QTC
Entries 4.853472e+07
TADC
QT Input Channel

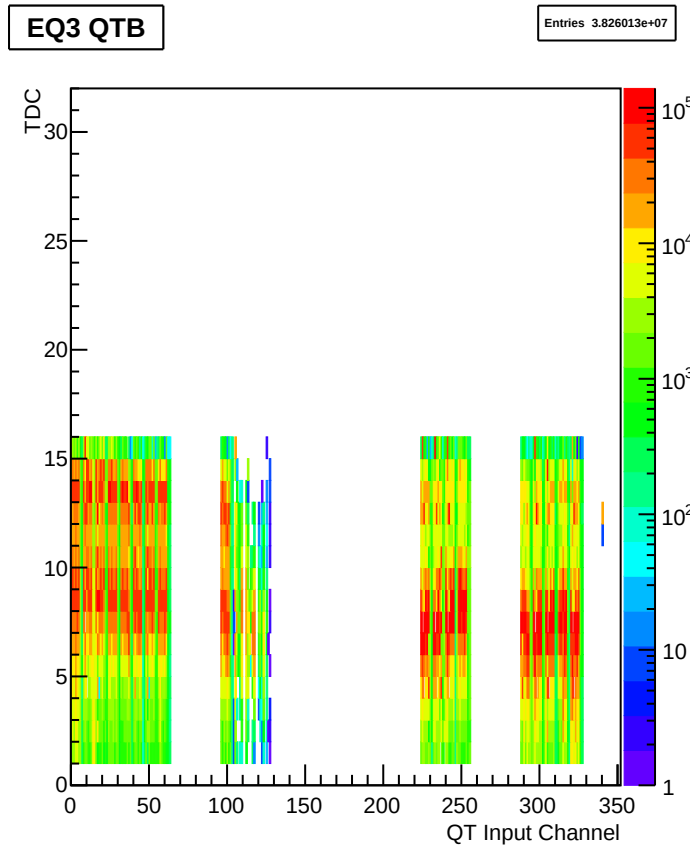

EQ2 QTB
Entries 1.456042e+08
ADC
QT Input Channel

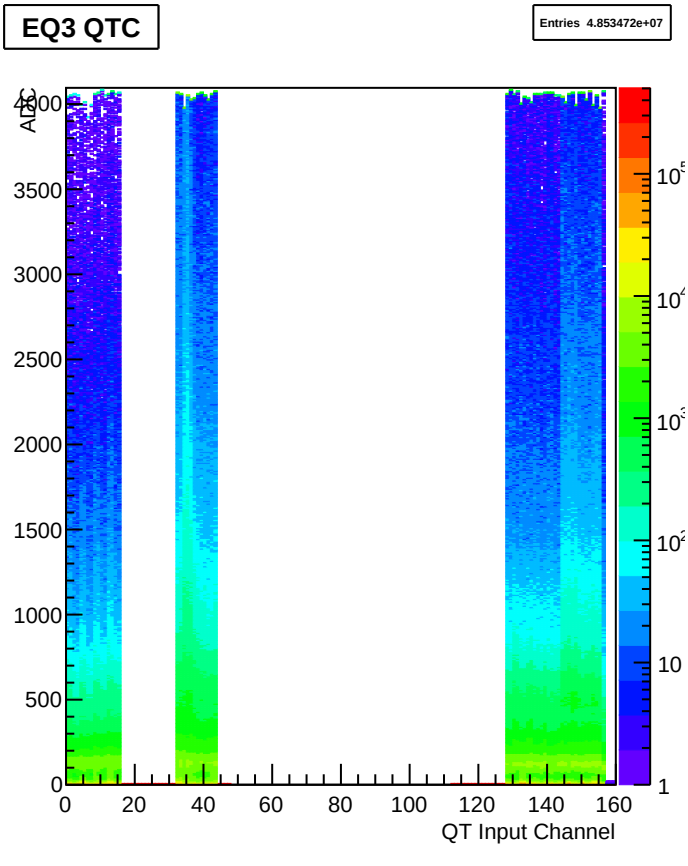

EQ2 QTB
Entries 4.677352e+07
TDC
QT Input Channel

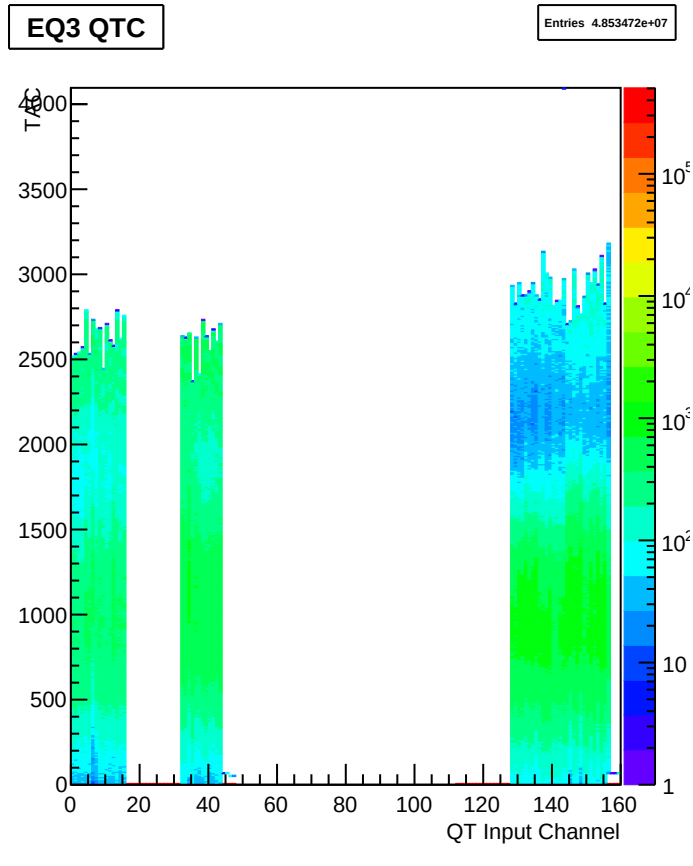

EQ2 QTC
Entries 4.853472e+07
ADC
QT Input Channel

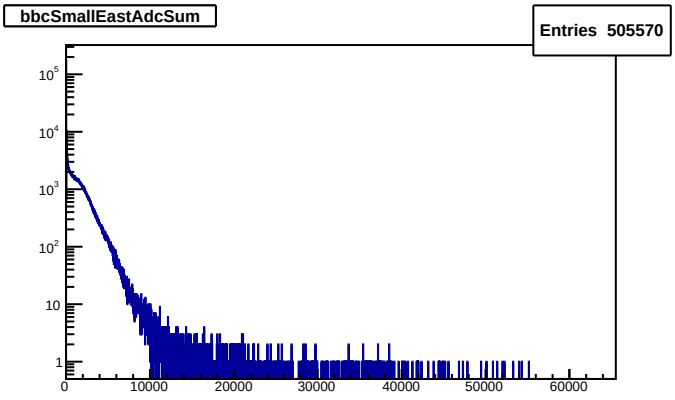

EQ2 QTC
Entries 4.853472e+07
TADC
QT Input Channel

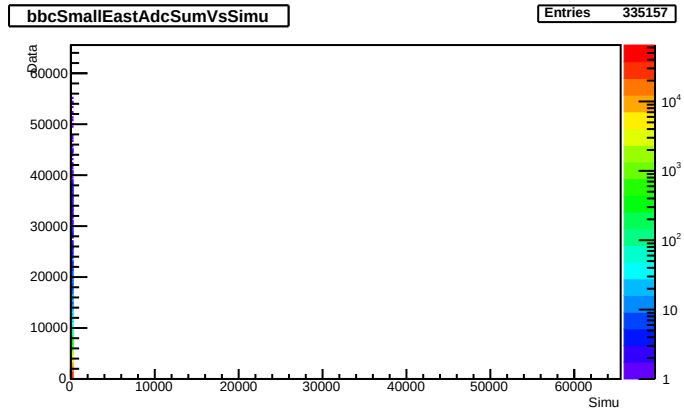

EQ3 QTB
Entries 1.294259e+08
ADC
QT Input Channel

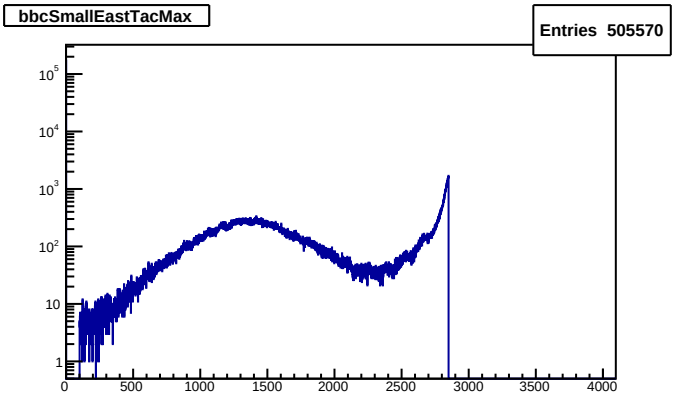

EQ3 QTB
Entries 3.826013e+07
TDC
QT Input Channel

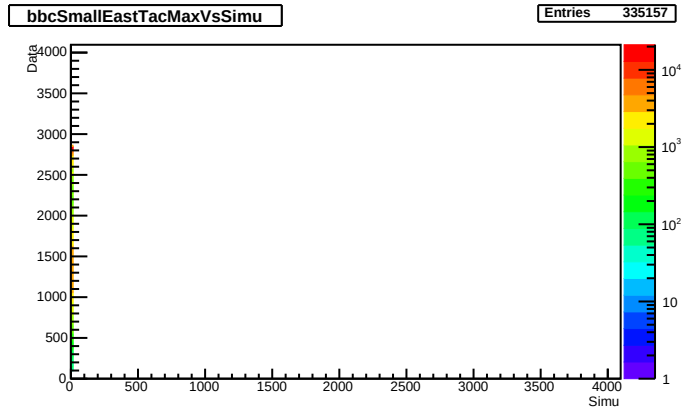

EQ3 QTC
Entries 4.853472e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.853472e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 505570


bbcSmallEastAdcSumVsSimu
Entries 335157
Data
Simu


bbcSmallEastTacMax
Entries 505570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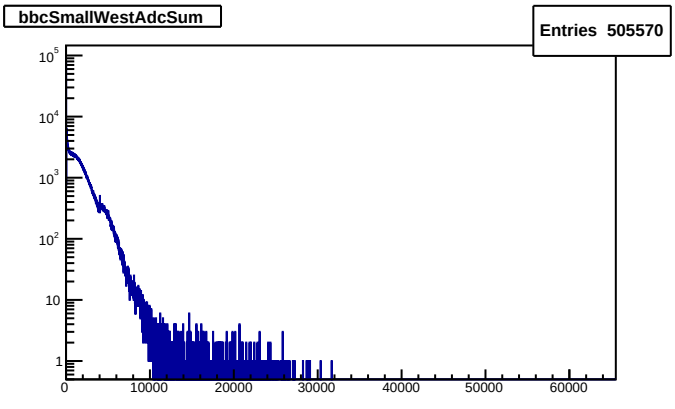
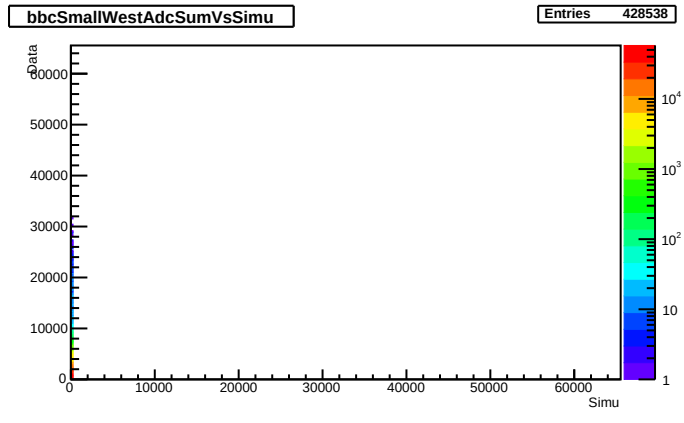
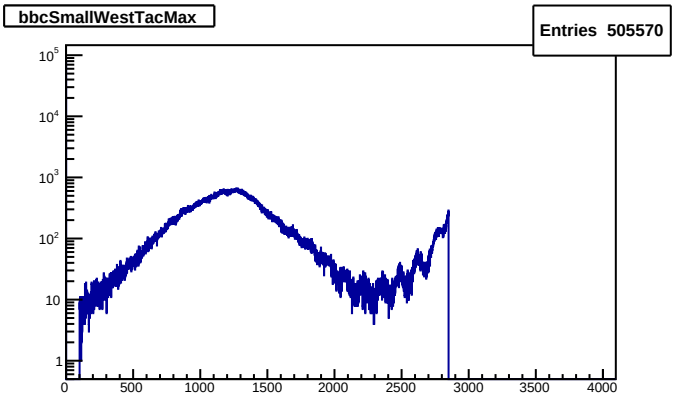
Entries 335157
Data
Simu


bbcSmallWestAdcSum
Entries 505570


bbcSmallWestAdcSumVsSimu
Entries 428538
Data
Simu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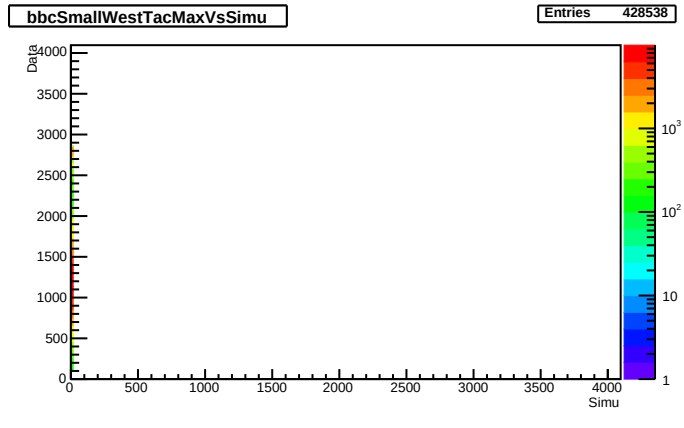
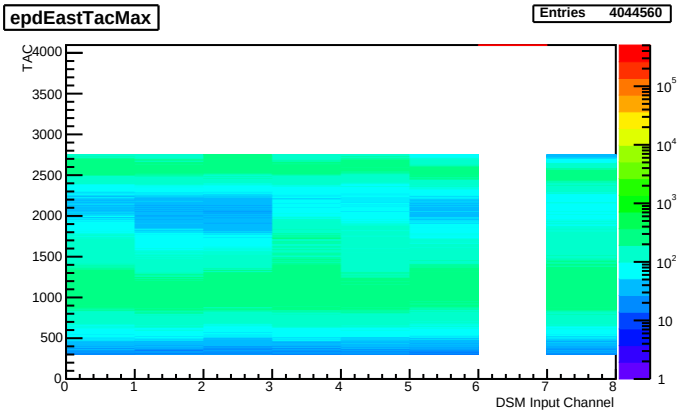
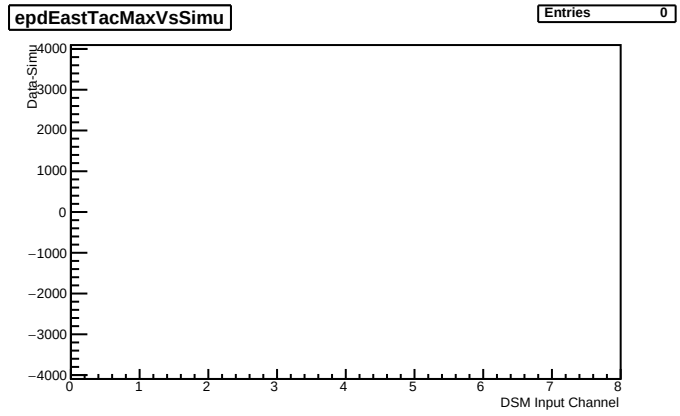
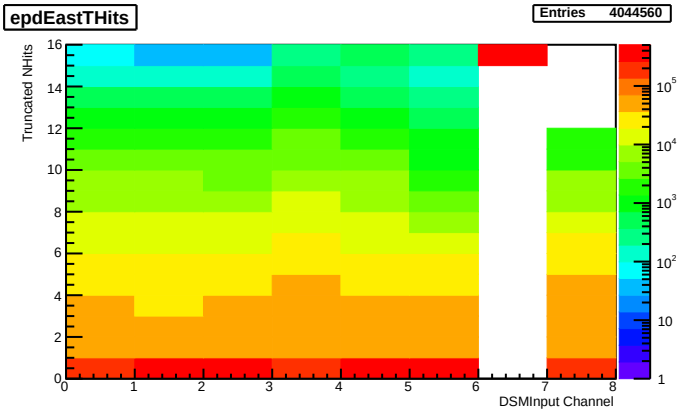
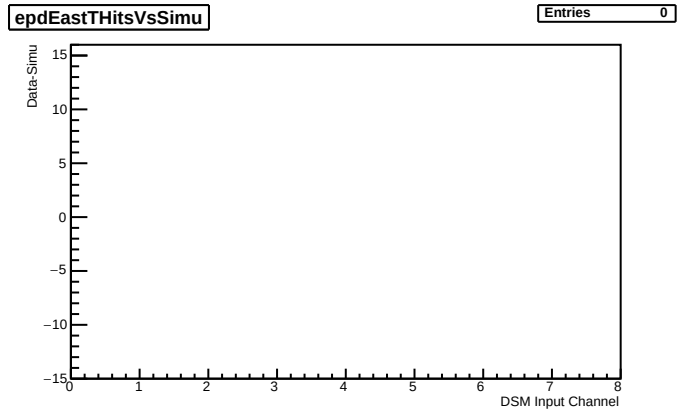
Entries 505570


bbcSmallWestTacMaxVsSimu
Entries 428538
Data
Simu


epdEastTacMax
Entries 4044560
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4044560
Truncated NHits
DSMInput Channel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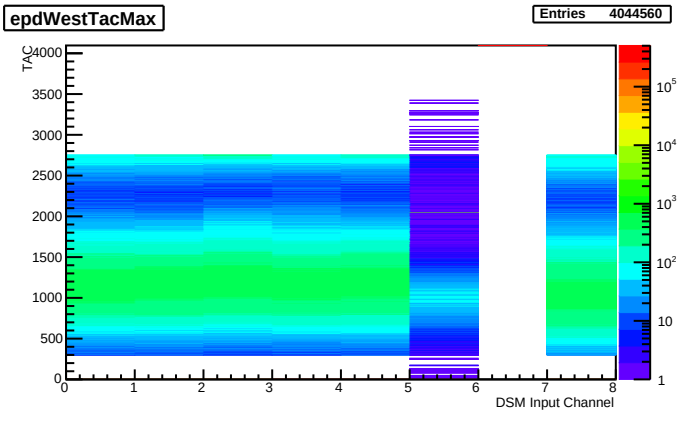
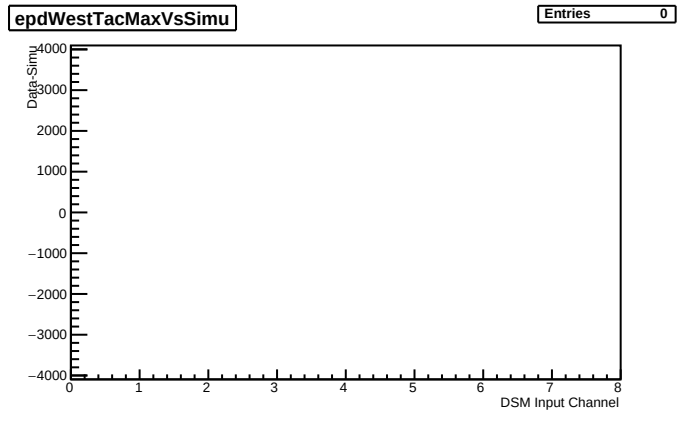
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4044560
TAC
DSM Input Channel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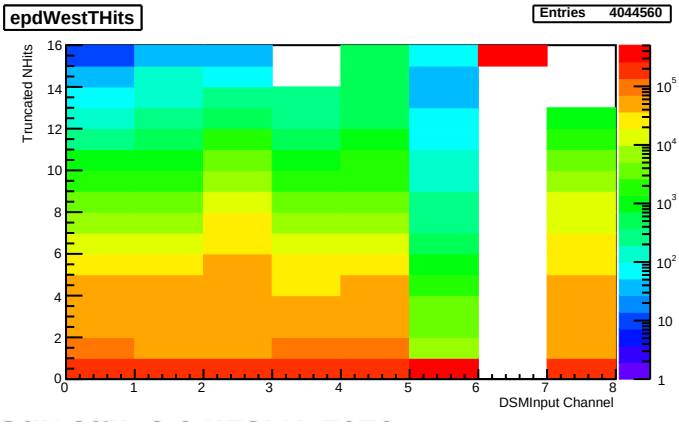
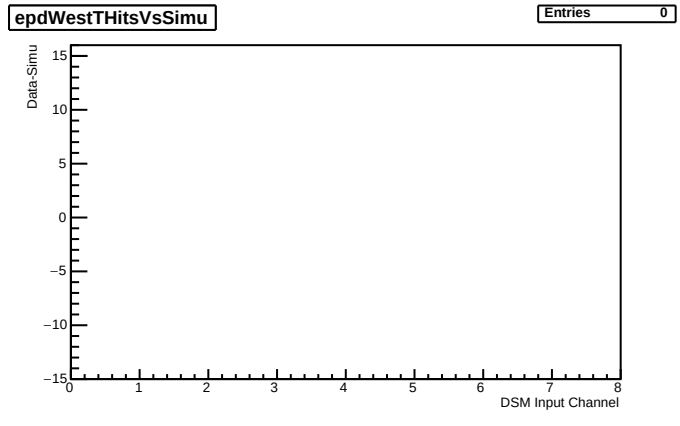
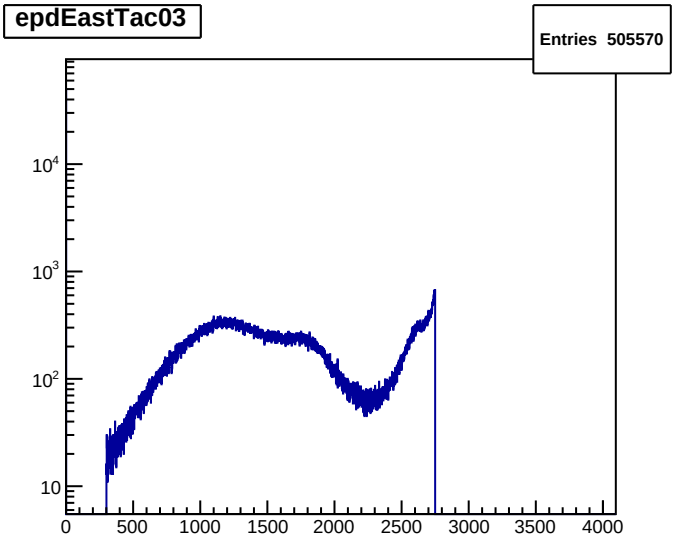
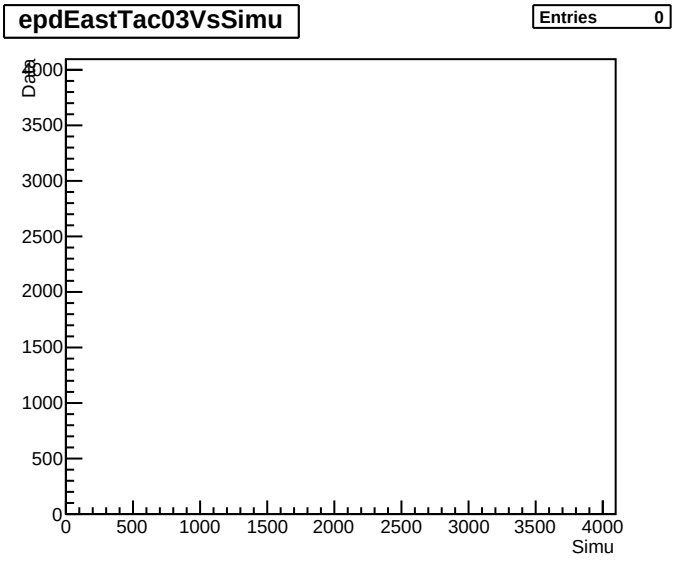
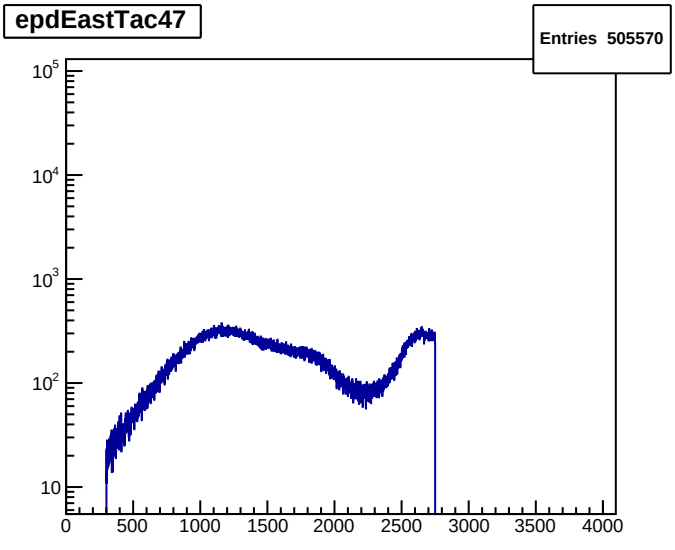
Entries 0
Data-Simu
DSM Input Channel

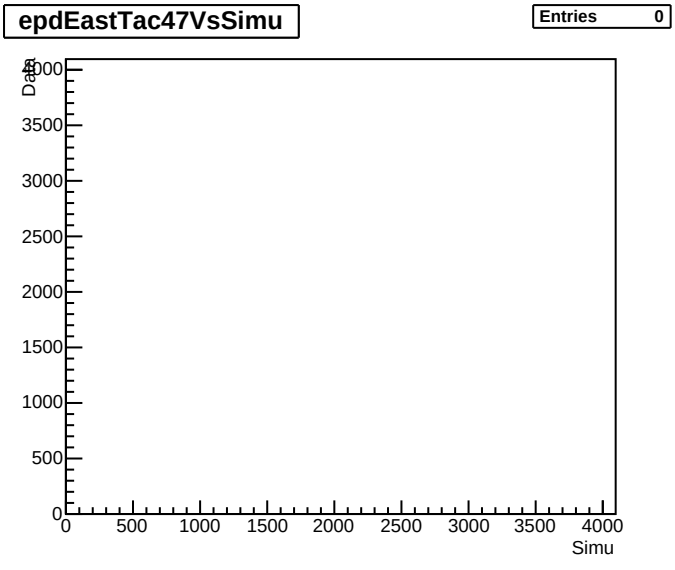

epdWestTHits
Entries 4044560
Truncated NHits
DSMInput Channel

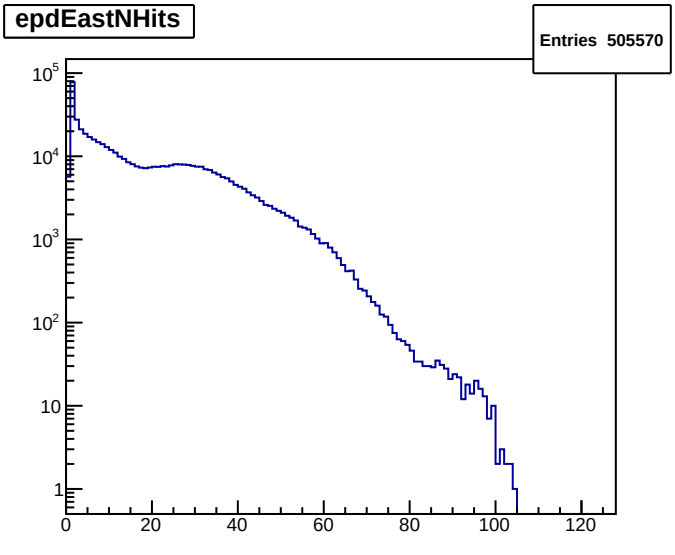

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

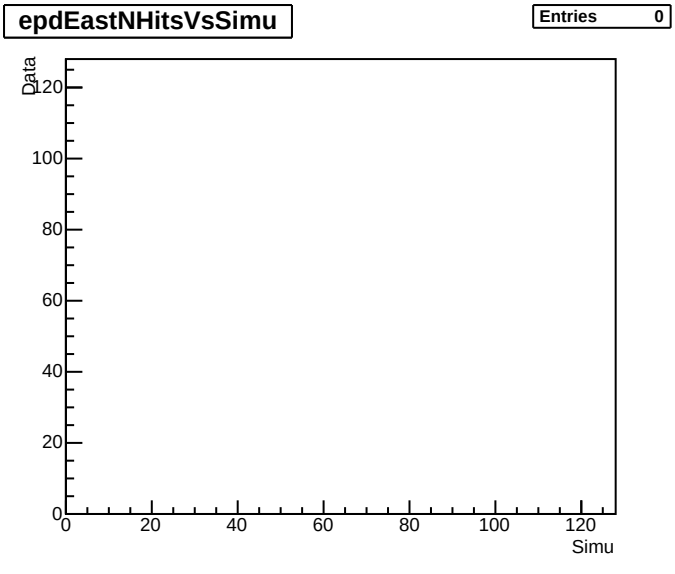

epdEastTac03
Entries 505570


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 505570


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 505570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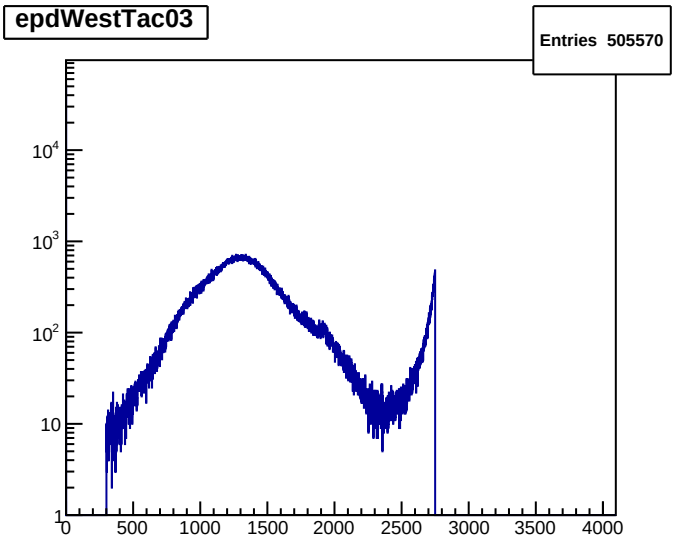
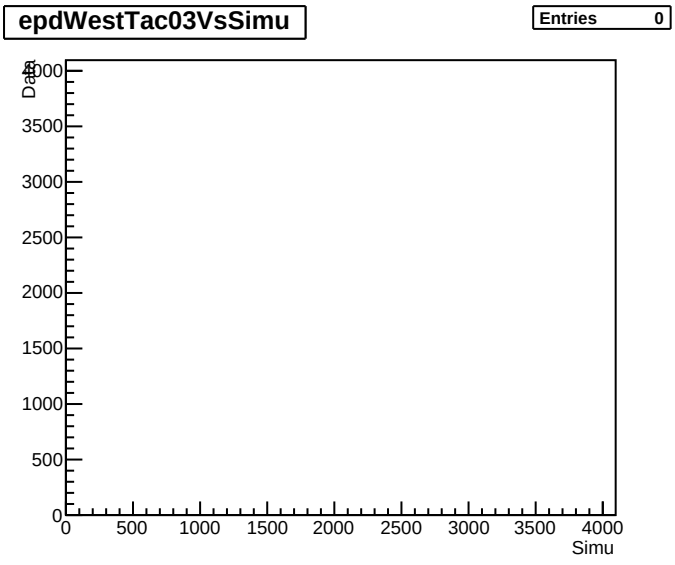
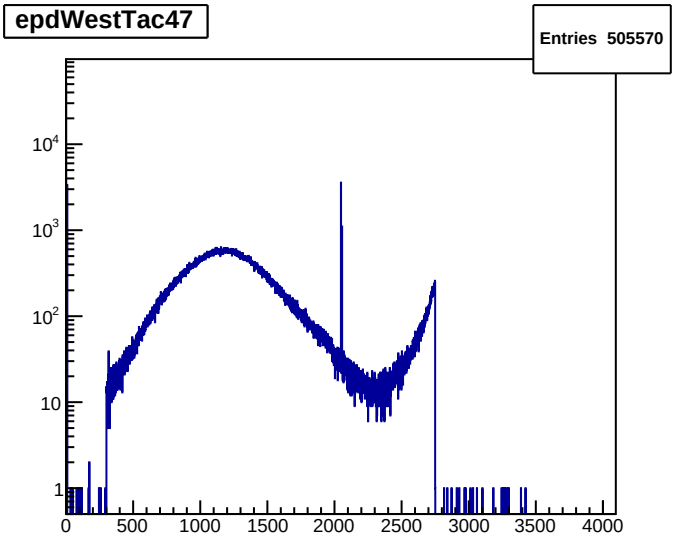
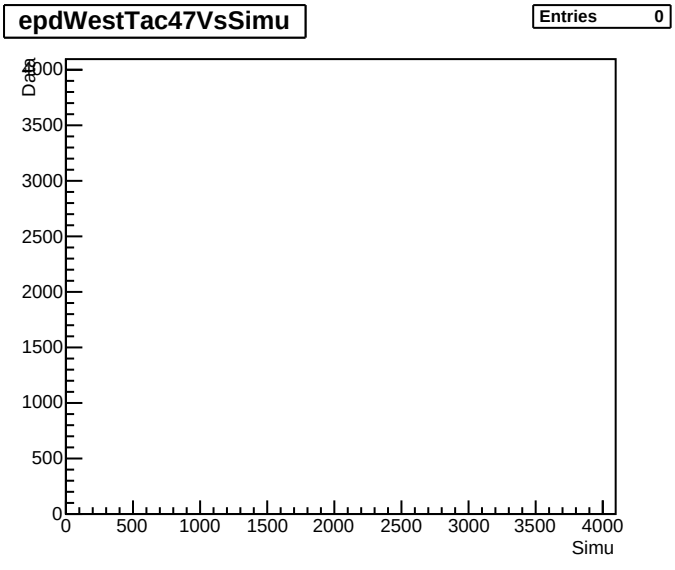
Entries 0
Data
Simu


epdWestTac03
Entries 505570


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 505570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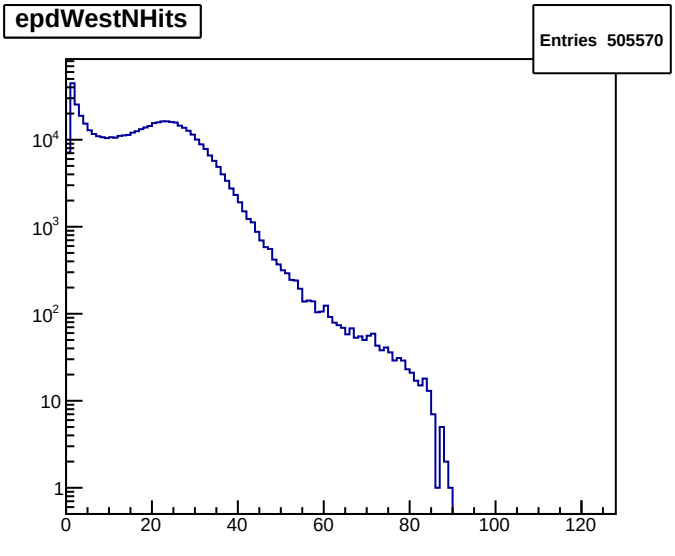
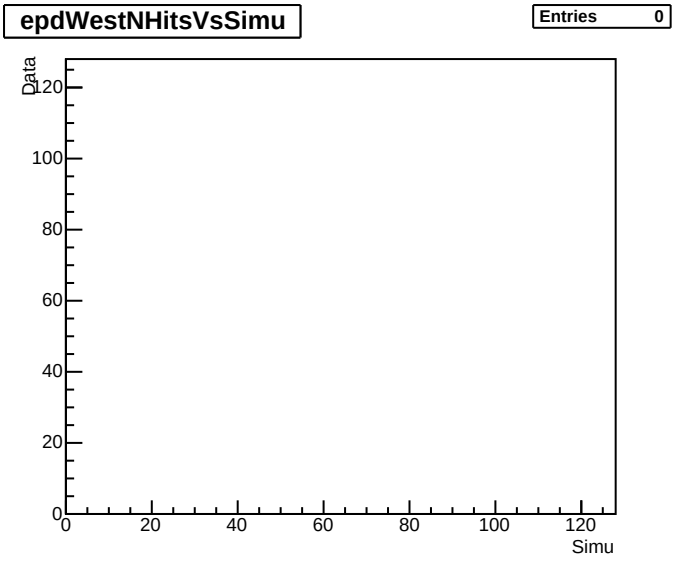
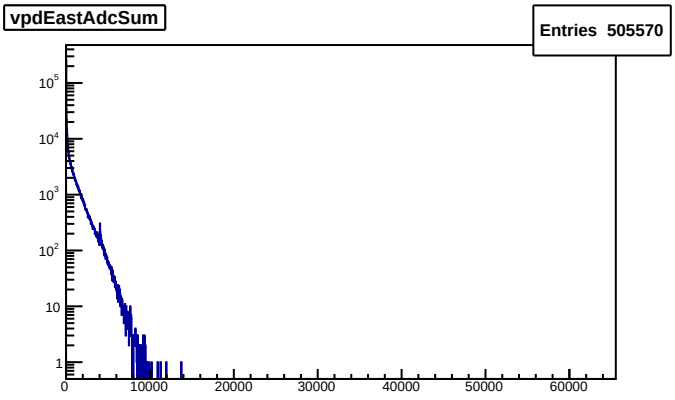
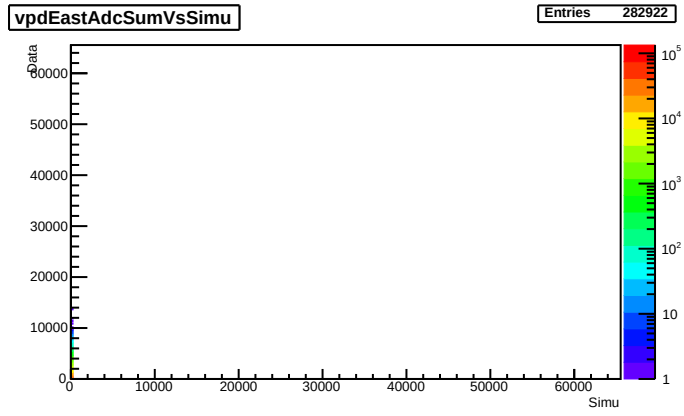
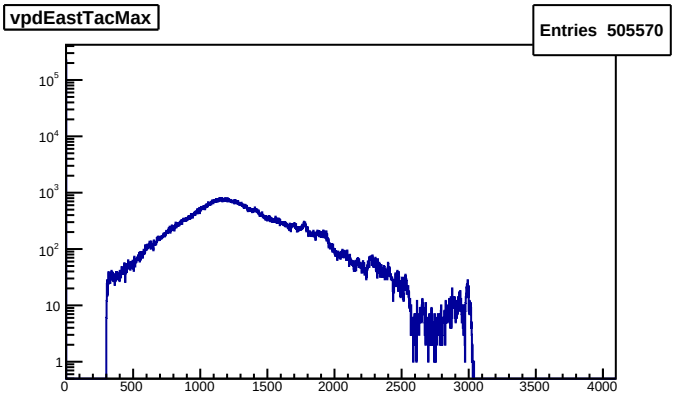
Entries 0
Data
Simu

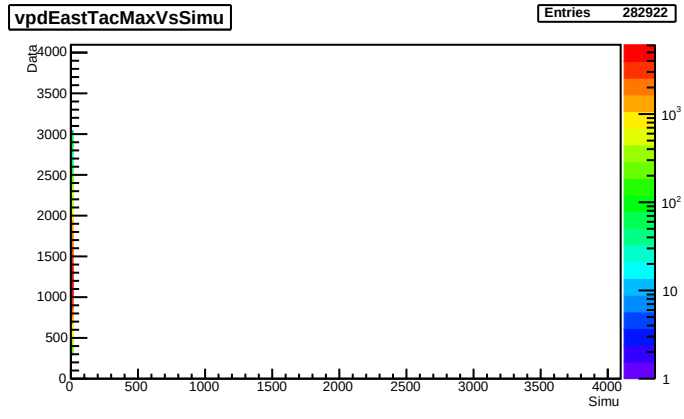

epdWestNHits
Entries 505570

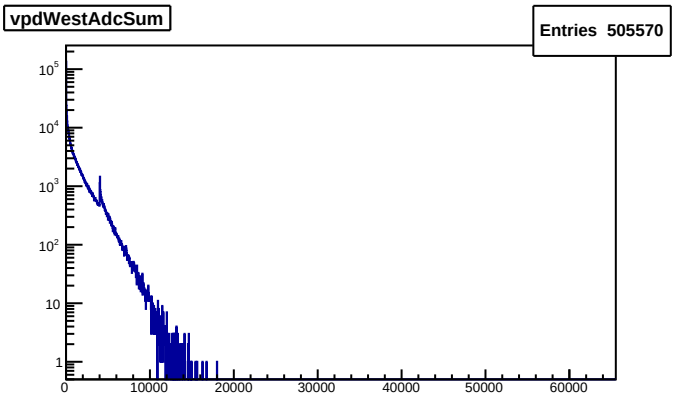

epdWestNHitsVsSimu
Entries 0
Data
Simu

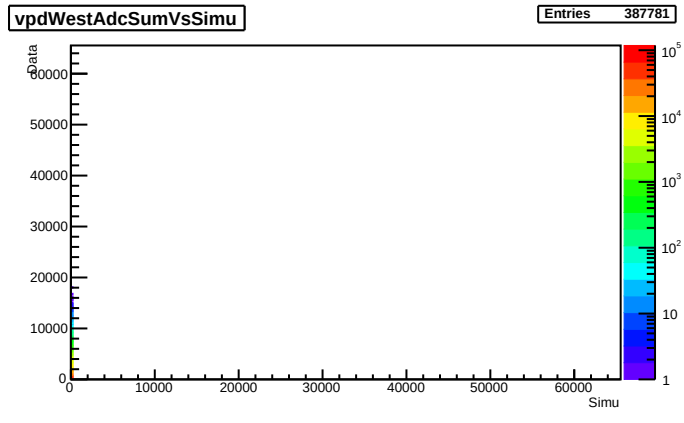

vpdEastAdcSum
Entries 505570

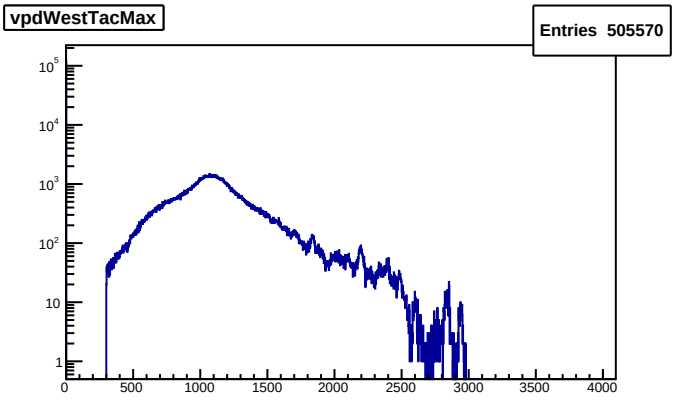

vpdEastAdcSumVsSimu
Entries 282922
Data
Simu

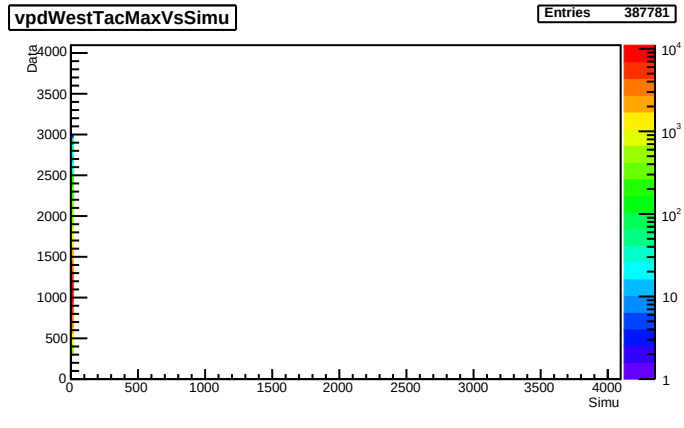

vpdEastTacMax
Entries 505570

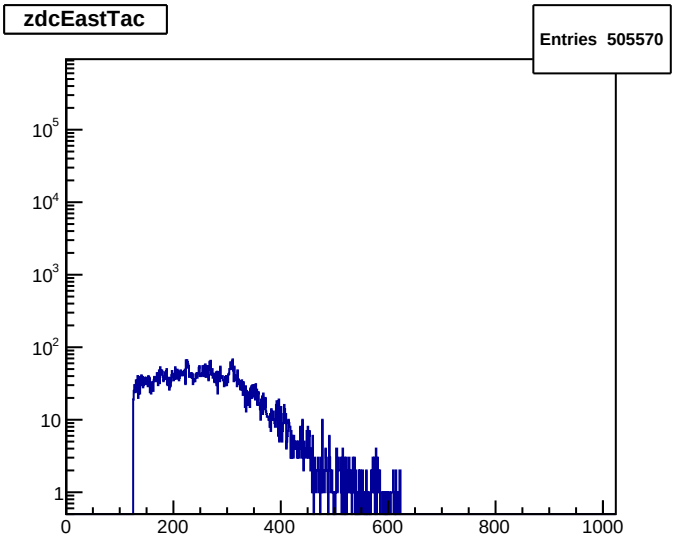

vpdEastTacMaxVsSimu
Entries 282922
Data
Simu

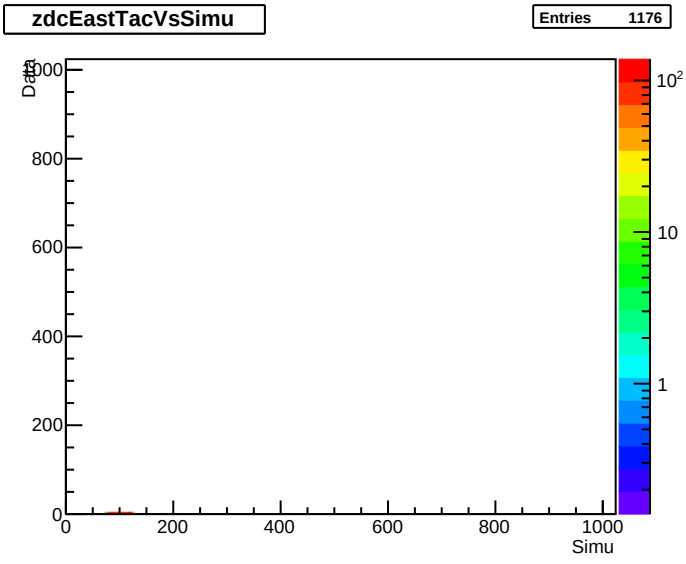

vpdWestAdcSum
Entries 505570

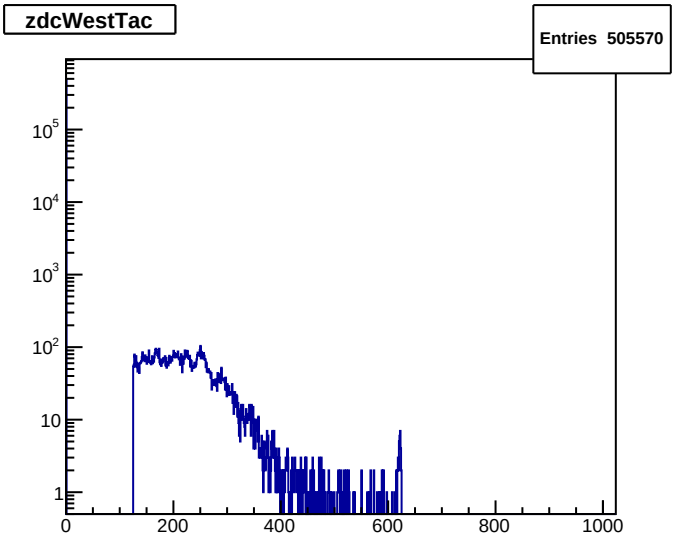

vpdWestAdcSumVsSimu
Entries 387781
Data
Simu

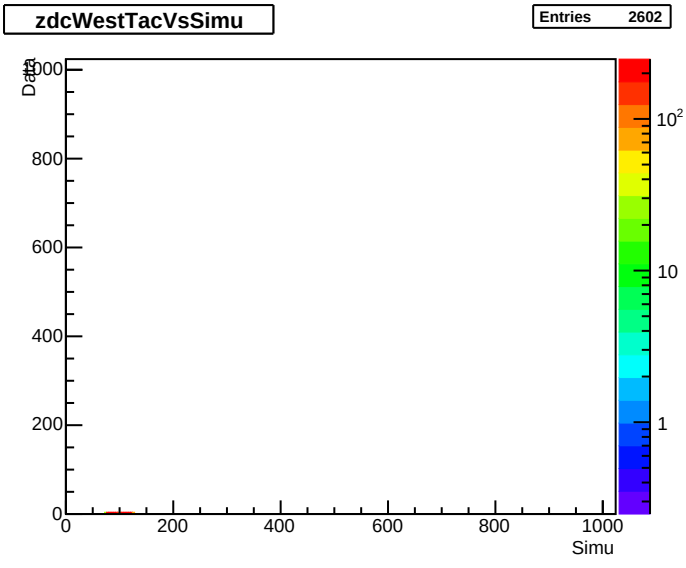

vpdWestTacMax
Entries 505570

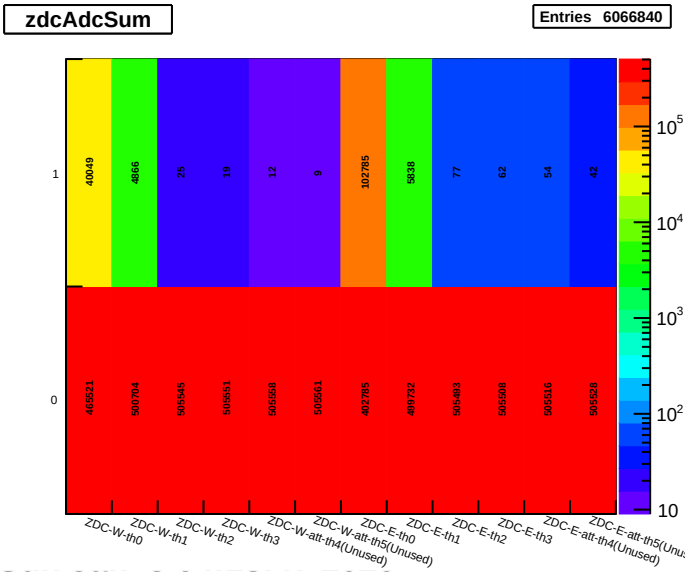

vpdWestTacMaxVsSimu
Entries 387781
Data
Simu

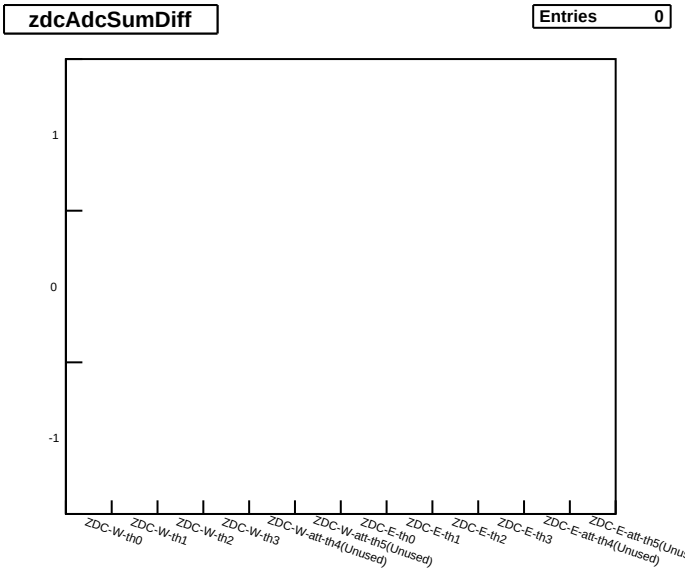

zdcEastTac
Entries 505570

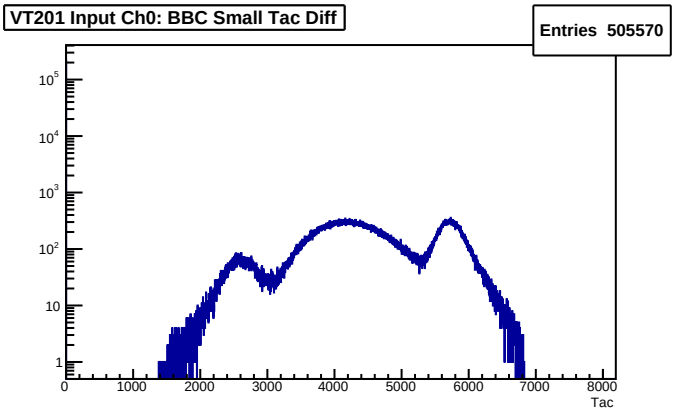

zdcEastTacVsSimu
Entries 1176
Data
Simu

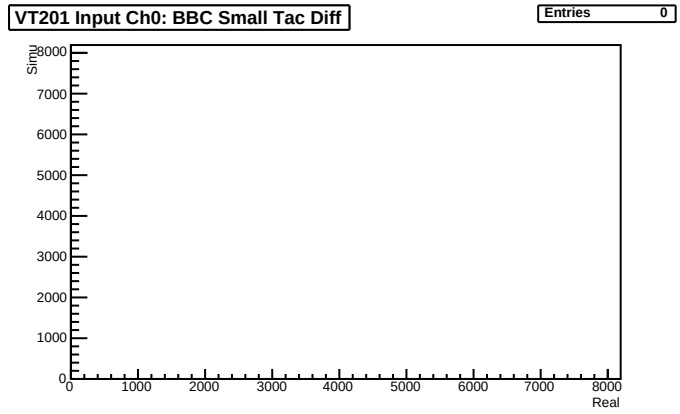

zdcWestTac
Entries 505570

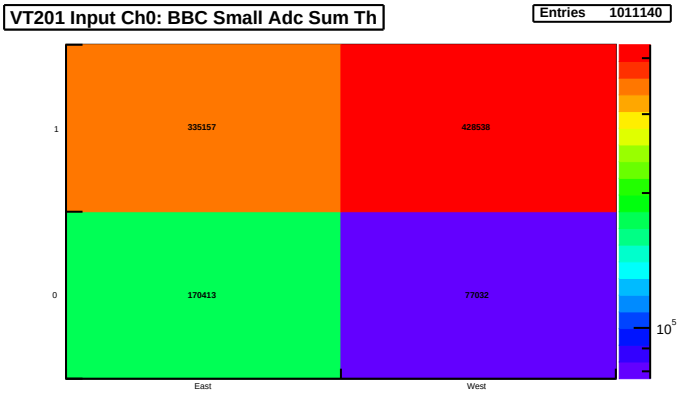

zdcWestTacVsSimu
Entries 2602
Data
Simu

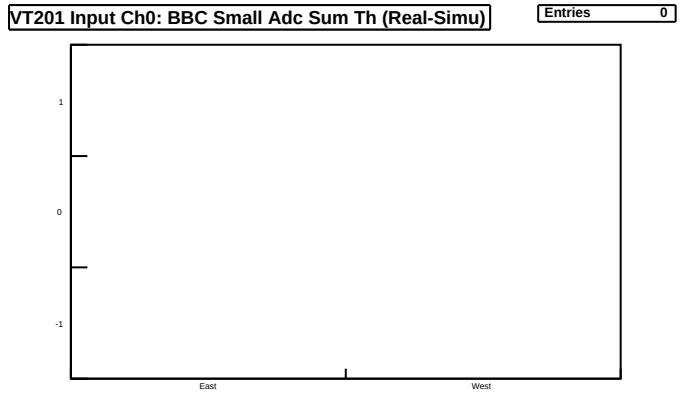

zdcAdcSum
Entries 6066840
40049
4866
25
19
12
9
102785
5838
77
62
54
42
465521
500704
505545
505551
505558
505561
402785
499732
505493
505508
505516
505528
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

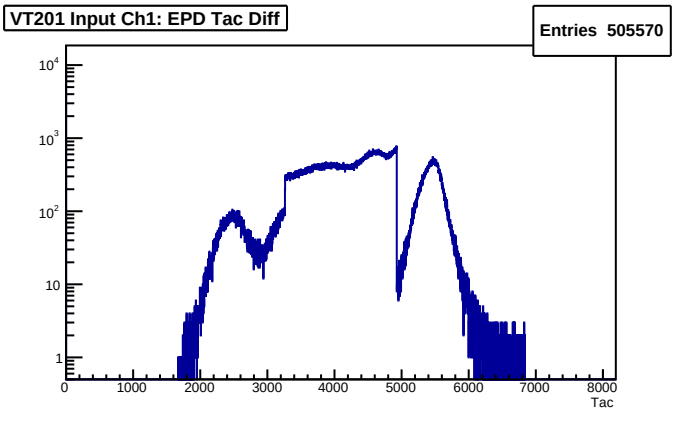

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

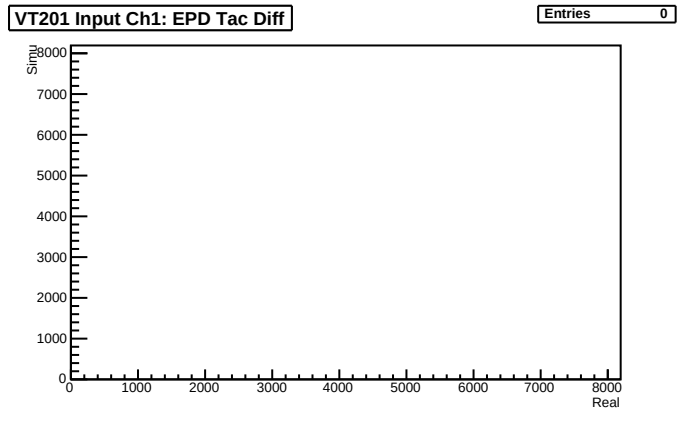

VT201 Input Ch0: BBC Small Tac Diff
Entries 505570
Tac

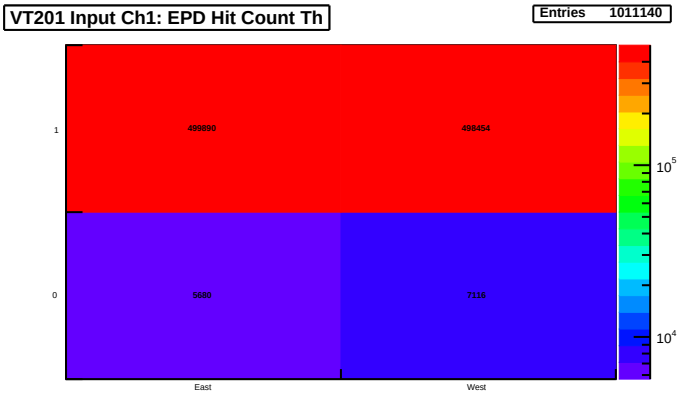

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

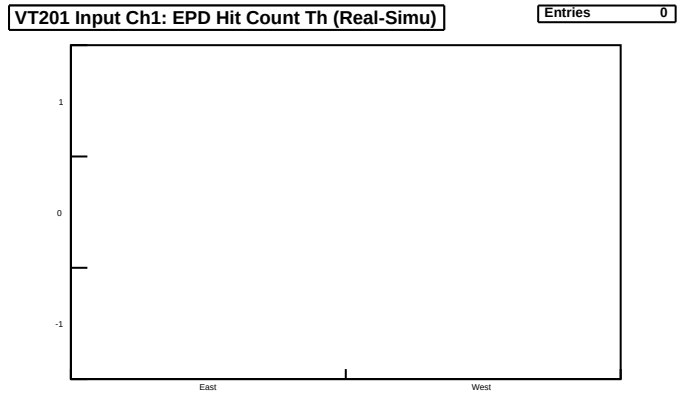

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1011140
335157
428538
170413
77032
East
West

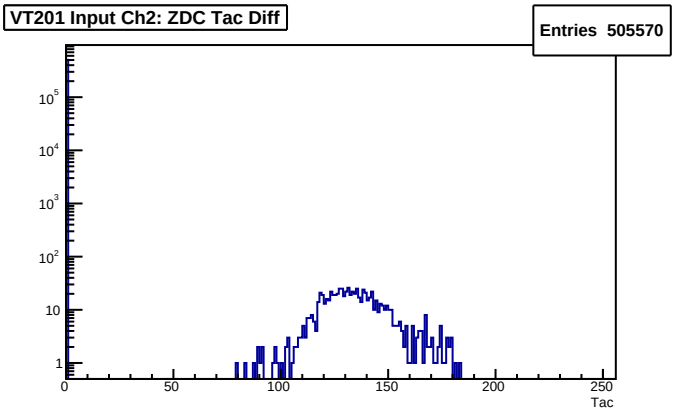

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

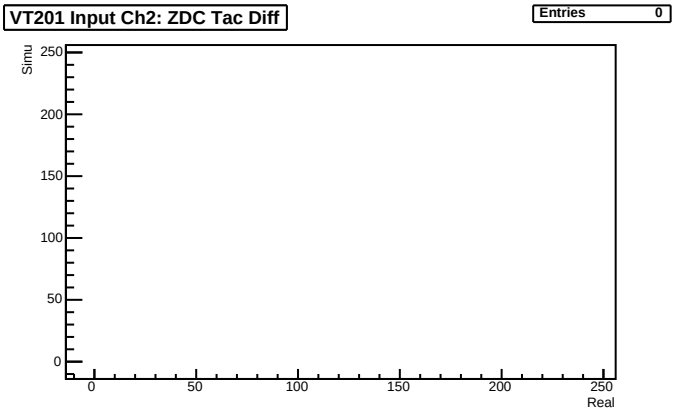

VT201 Input Ch1: EPD Tac Diff
Entries 505570
Tac

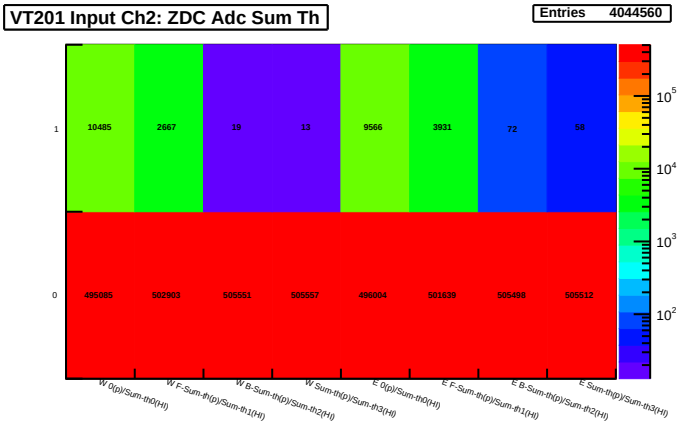

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

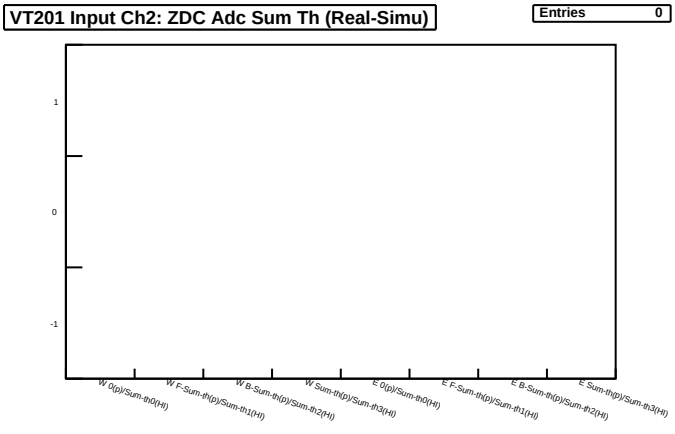

VT201 Input Ch1: EPD Hit Count Th
Entries 1011140
499890
498454
5680
7116
East
West

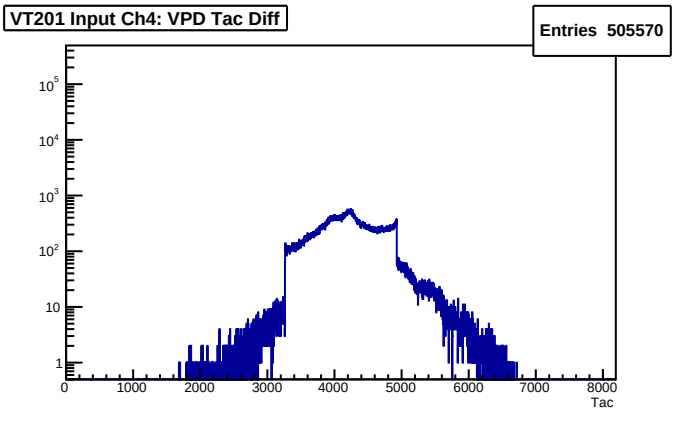

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

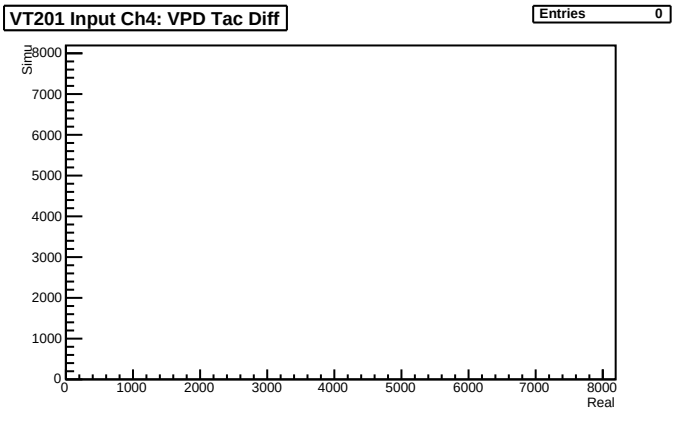

VT201 Input Ch2: ZDC Tac Diff
Entries 505570
Tac

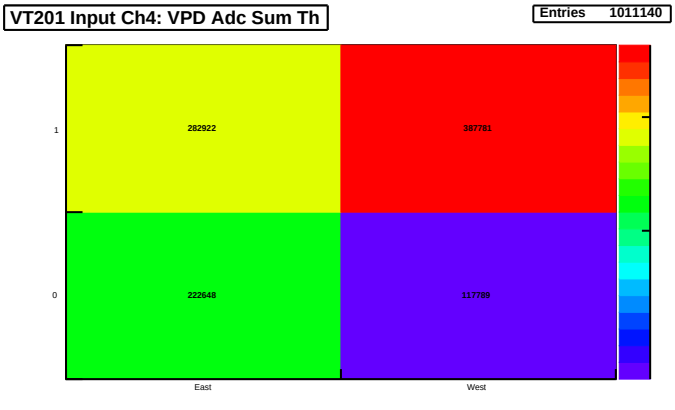

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

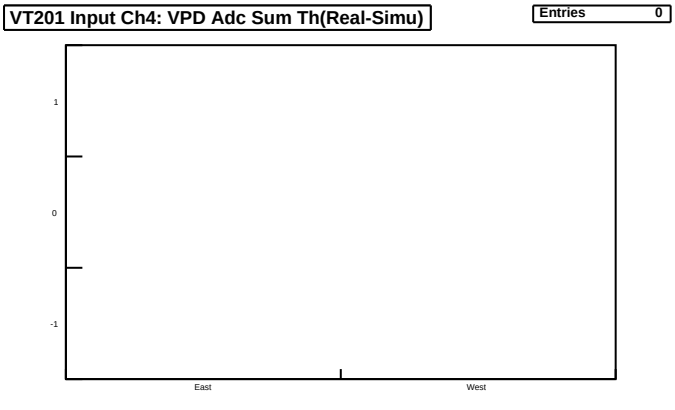

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4044560
10485
2667
19
13
9566
3931
72
58
495085
502903
505551
505557
496004
501639
505498
505512
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

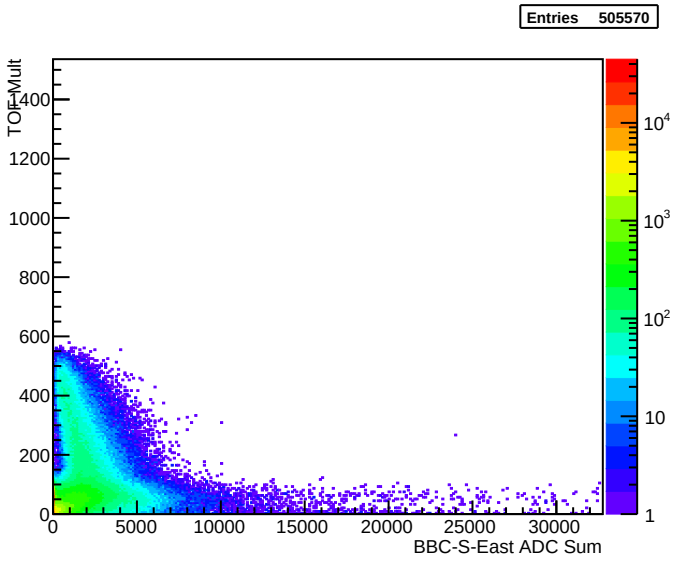

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

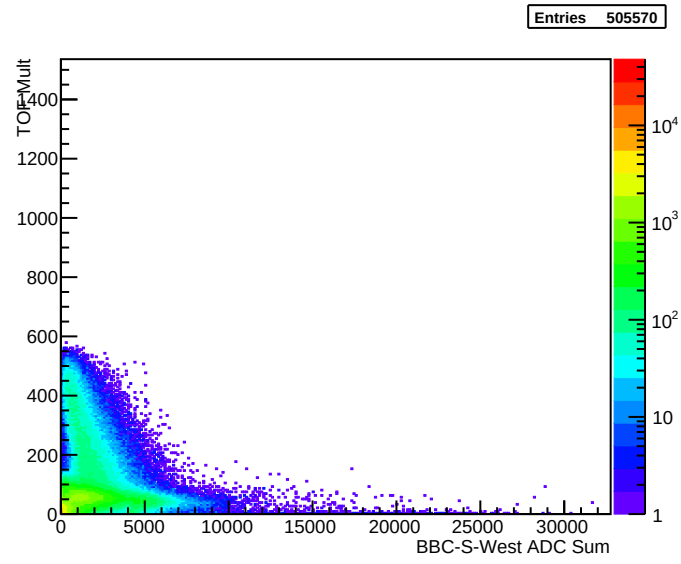

VT201 Input Ch4: VPD Tac Diff
Entries 505570
Tac

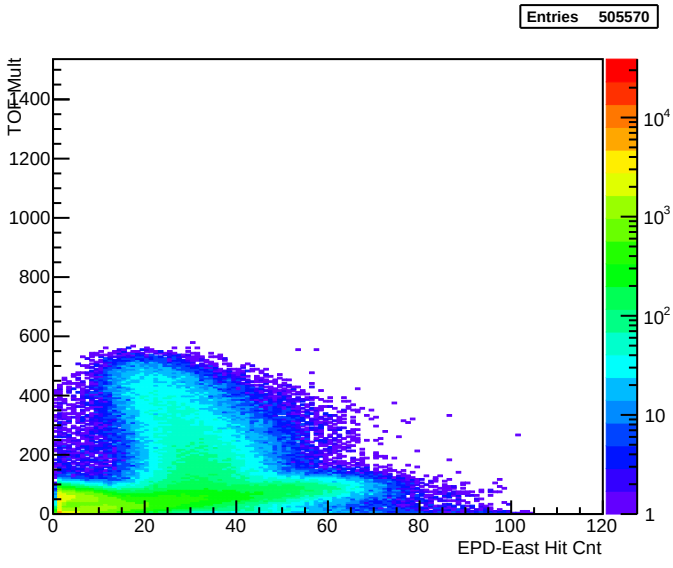

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

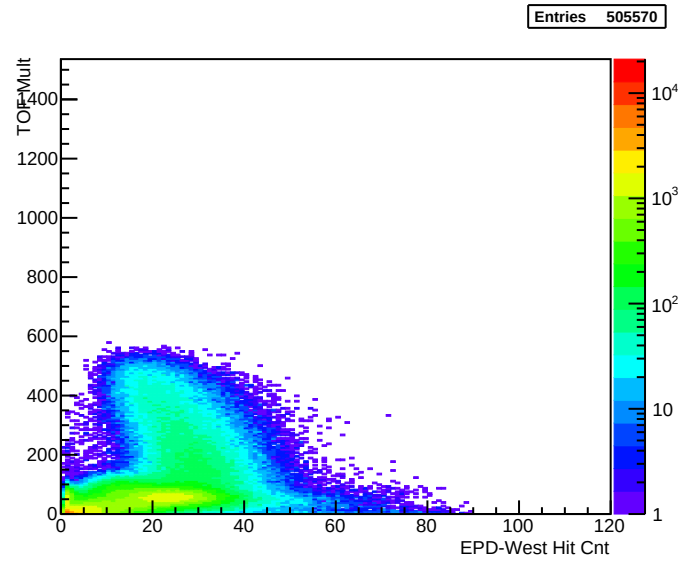

VT201 Input Ch4: VPD Adc Sum Th
Entries 1011140
282922
387781
222648
117789
East
West

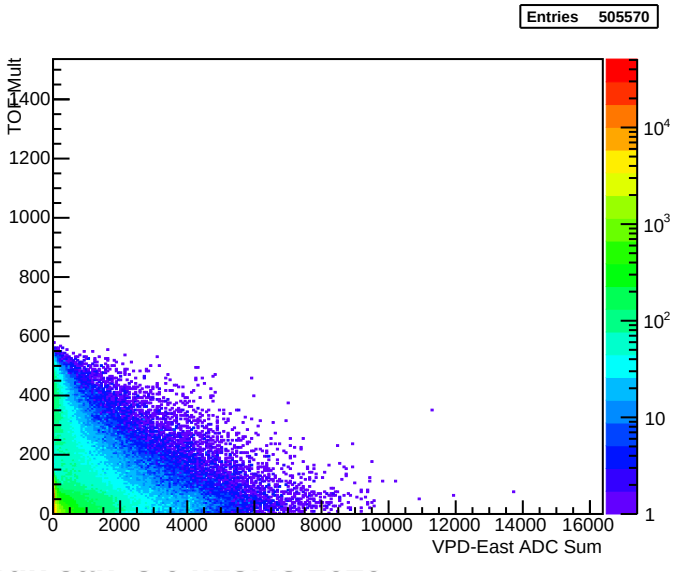

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

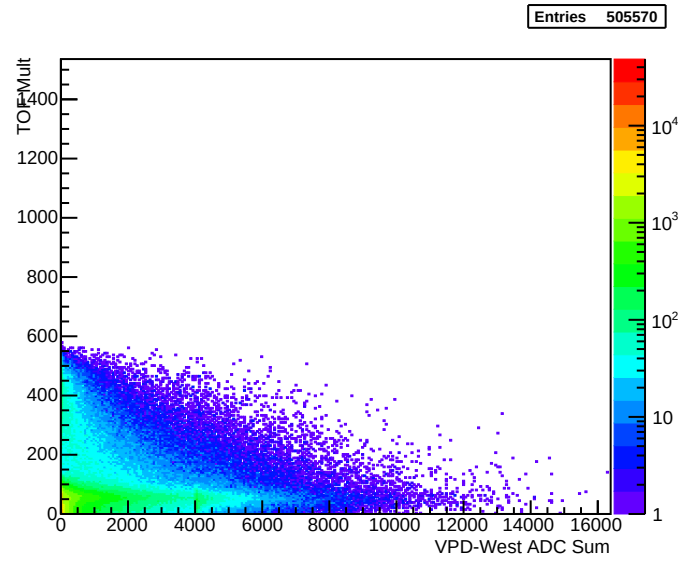

Entries 505570
TOF-Mult
BBC-S-East ADC Sum

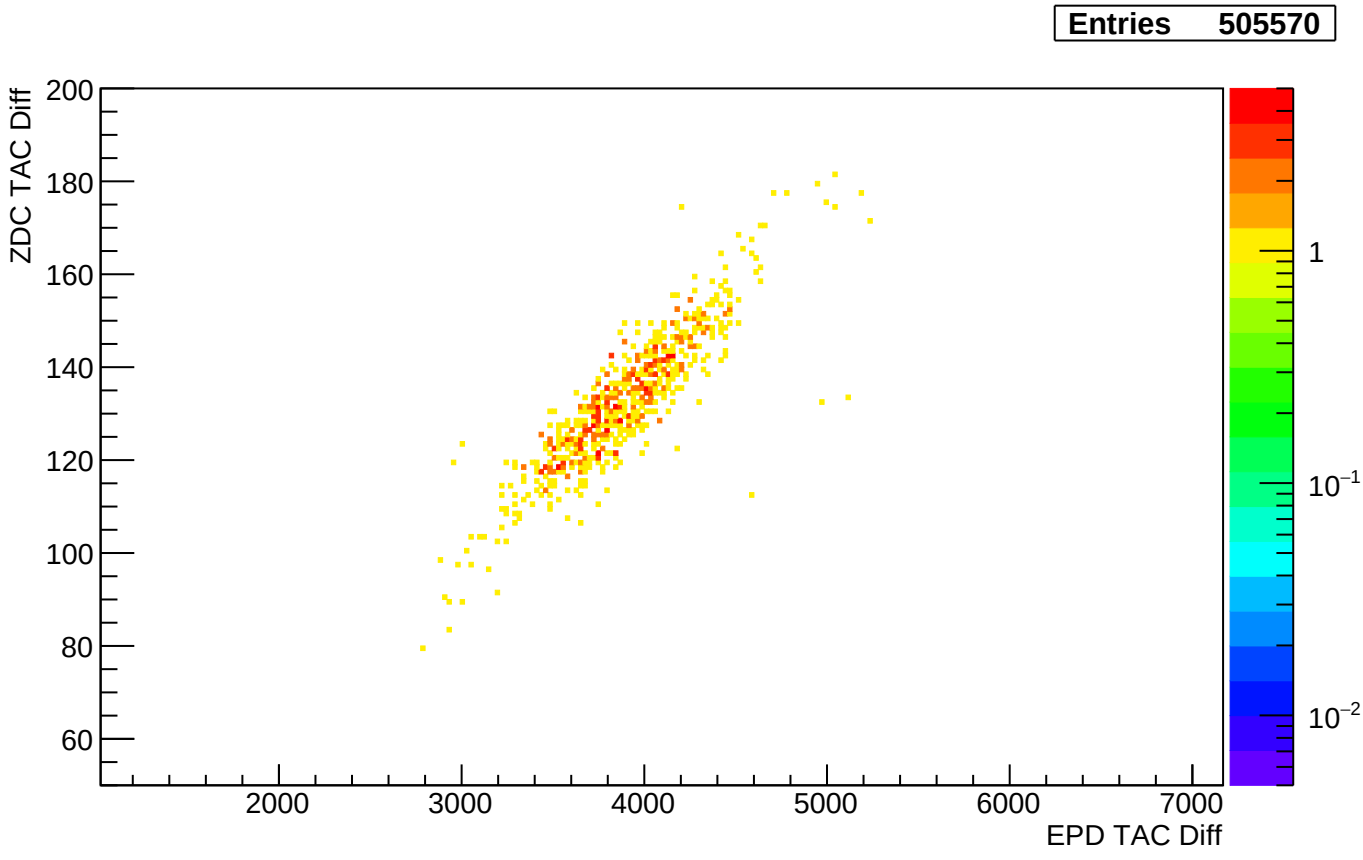

Entries 505570
TOF-Mult
BBC-S-West ADC Sum

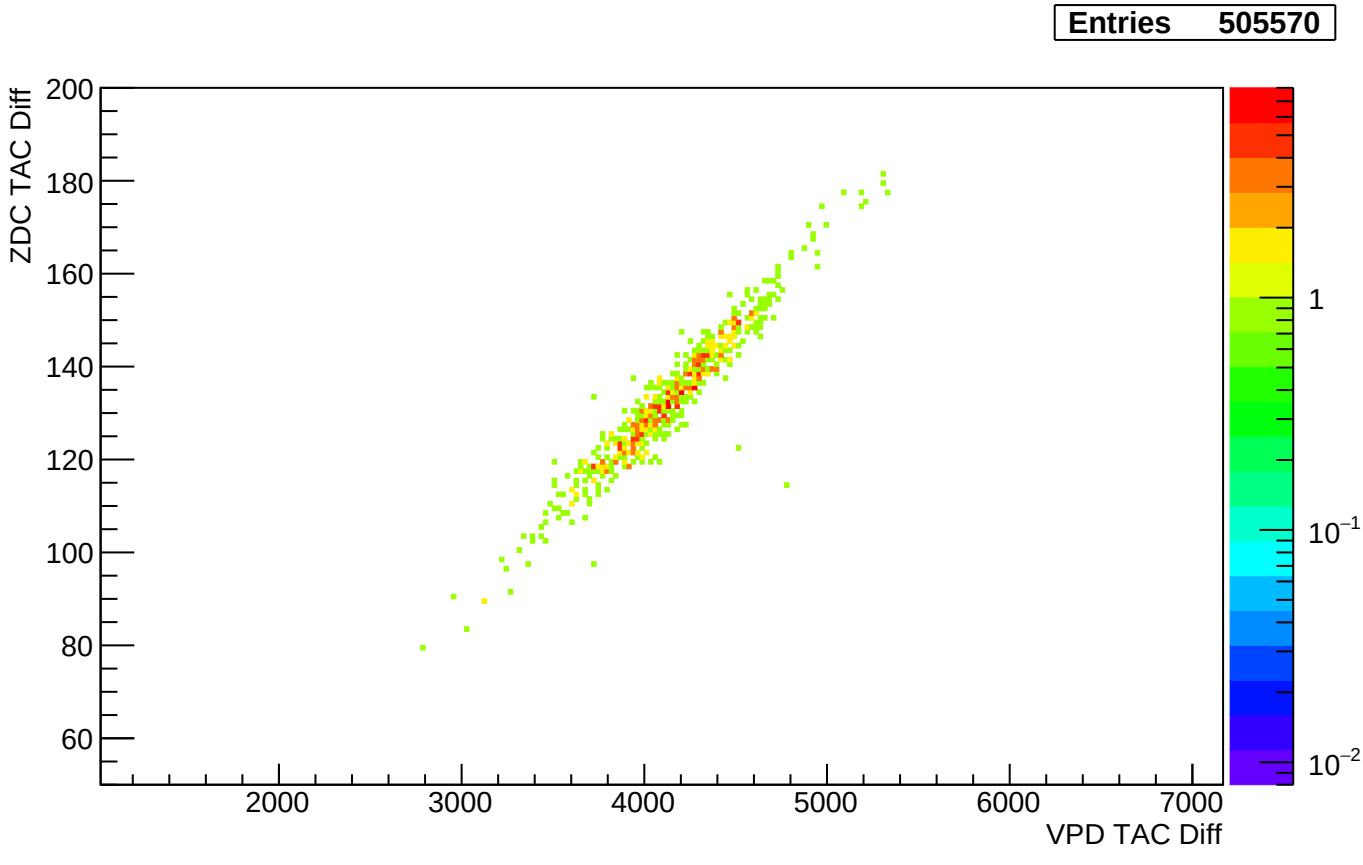

Entries 505570
TOF-Mult
EPD-East Hit Cnt

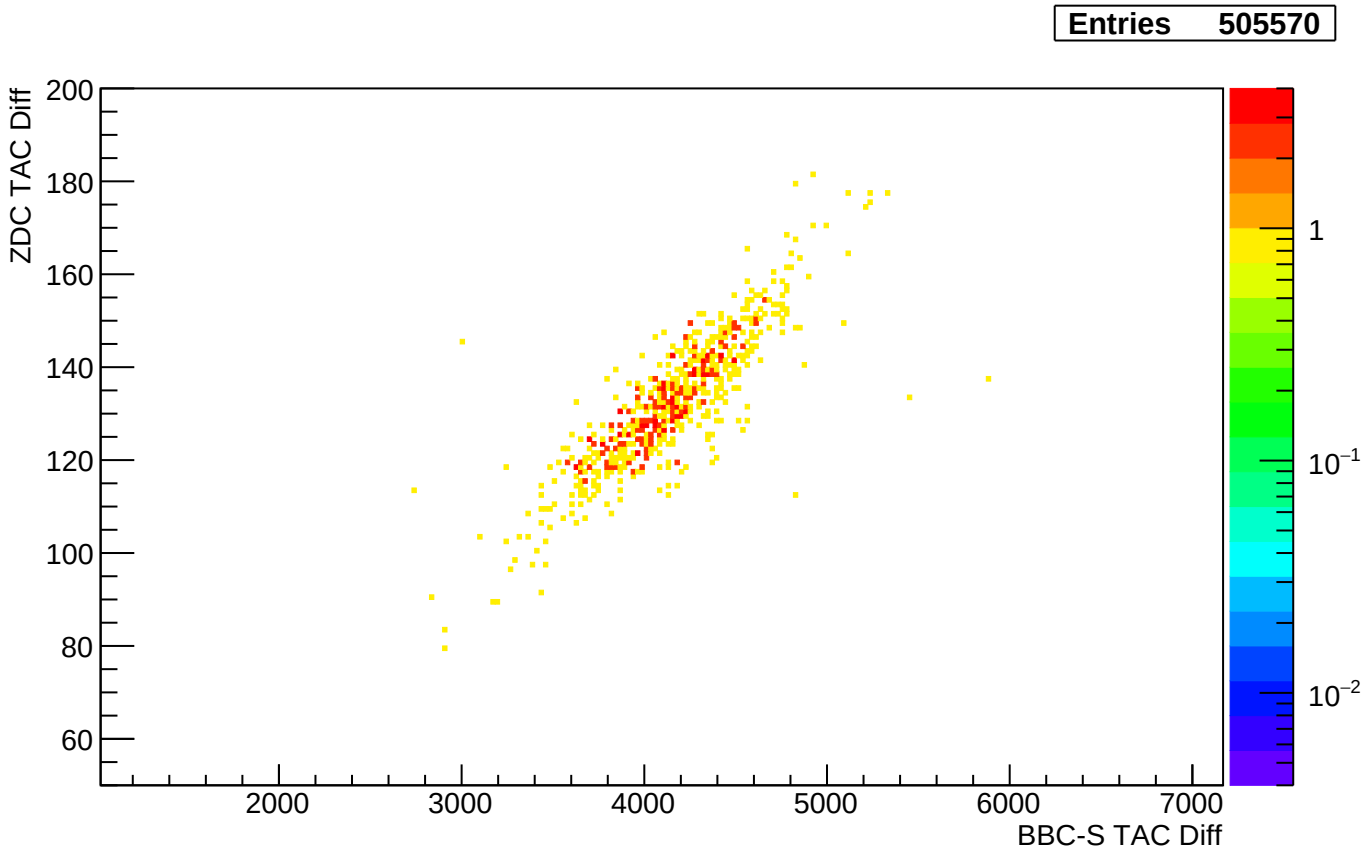

Entries 505570
TOF-Mult
EPD-West Hit Cnt

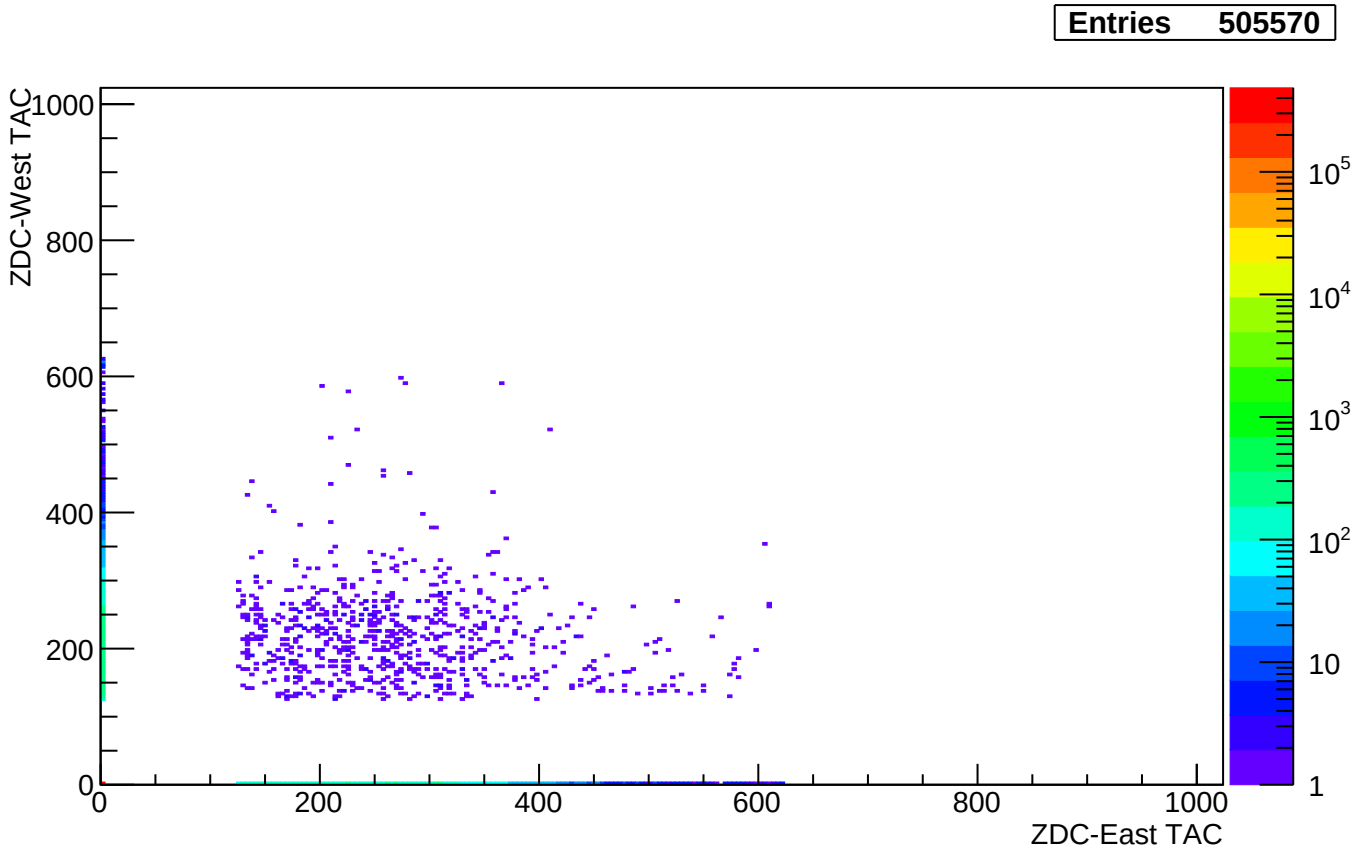

Entries 505570
TOF-Mult
VPD-East ADC Sum

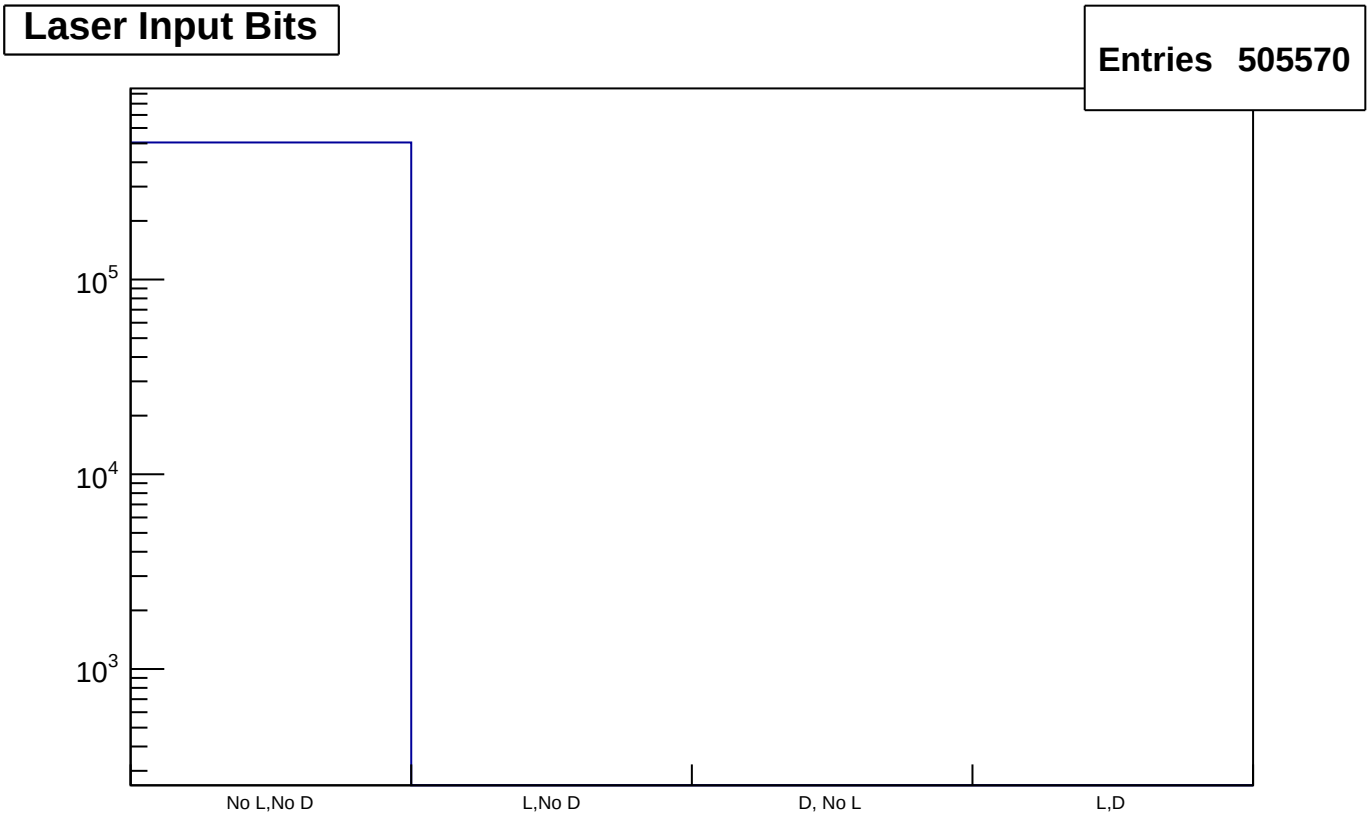

Entries 505570
TOF-Mult
VPD-West ADC Sum

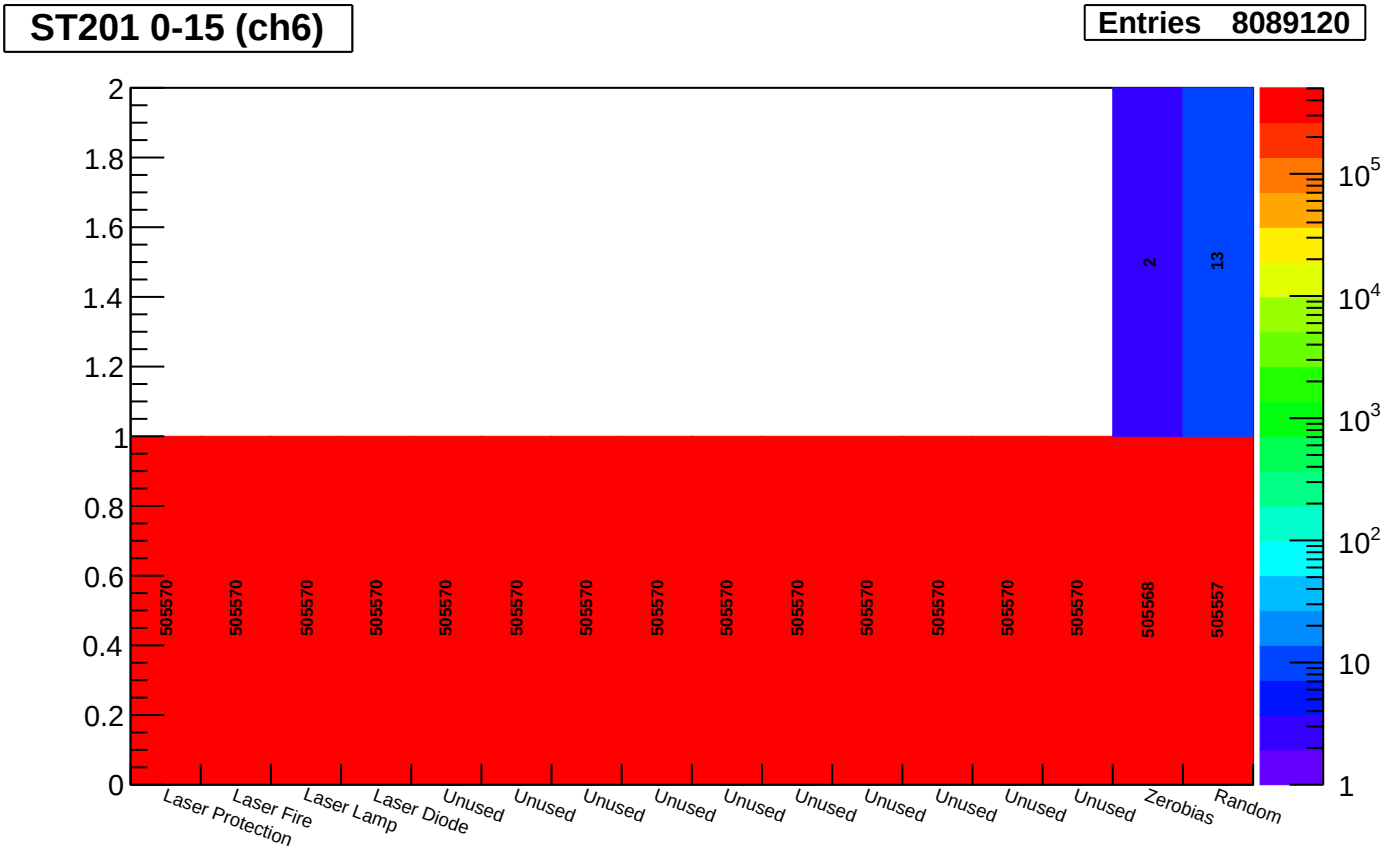

Entries 505570
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

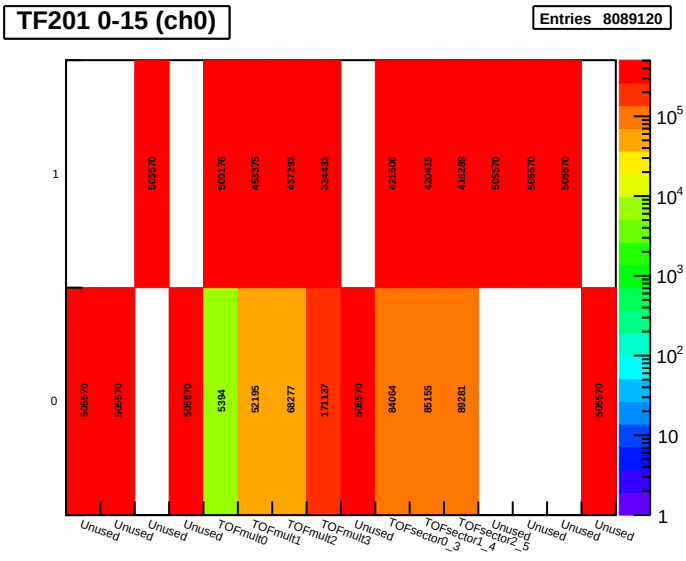

Entries 505570
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

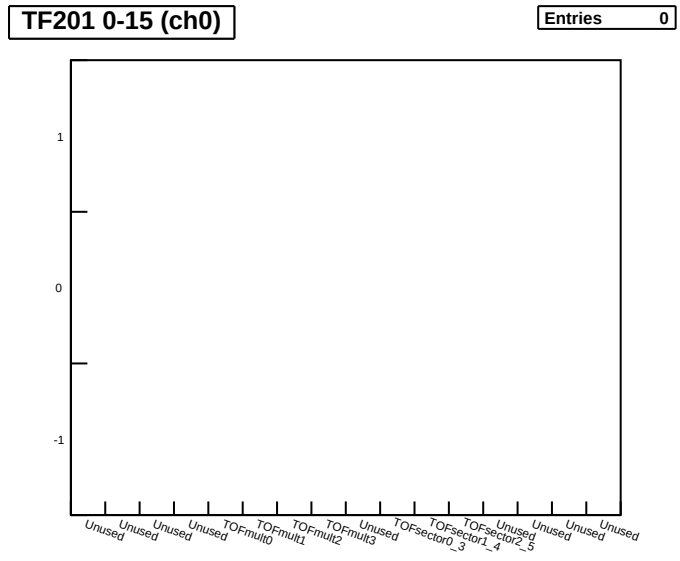

Entries 505570
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

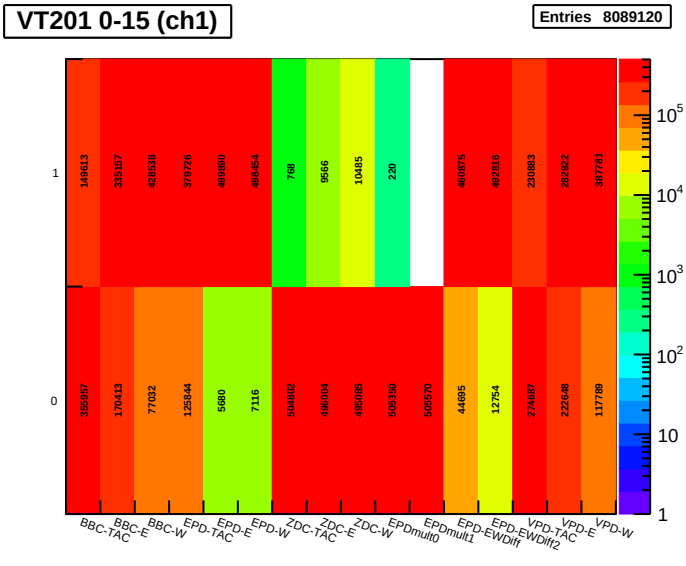

Entries 505570
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

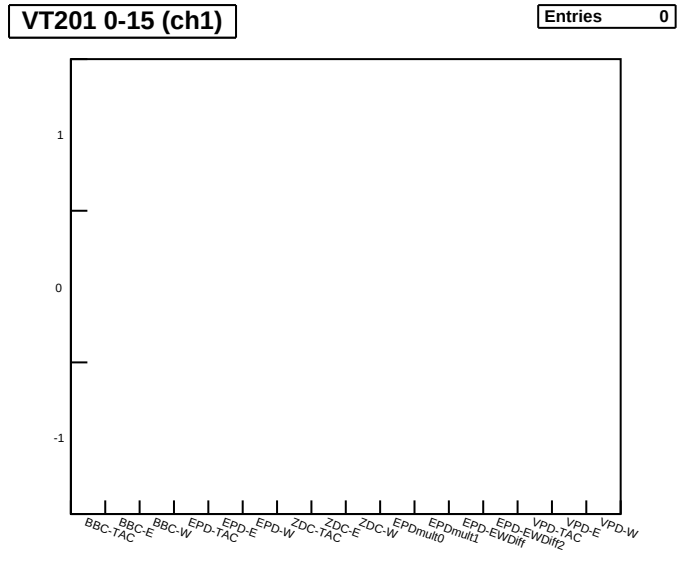

Laser Input Bits
Entries 505570
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

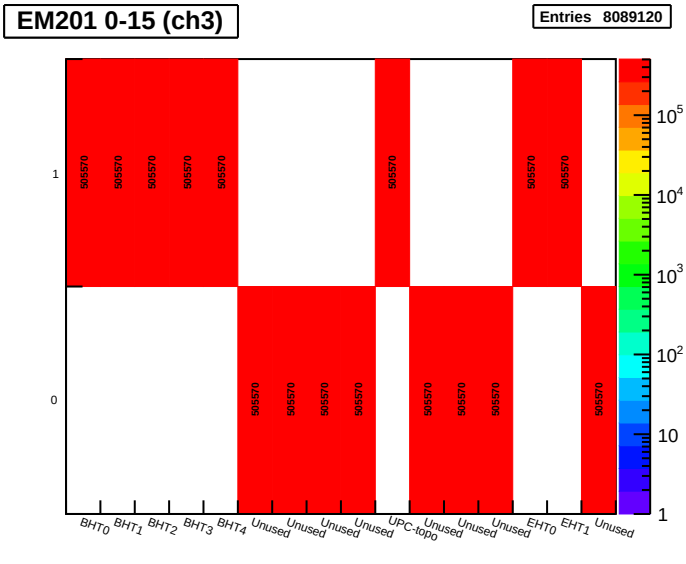

ST201 0-15 (ch6)
Entries 8089120
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
505570
505570
505570
505570
505570
505570
505570
505570
505570
505570
505570
505570
505570
505570
505568
505557
2
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

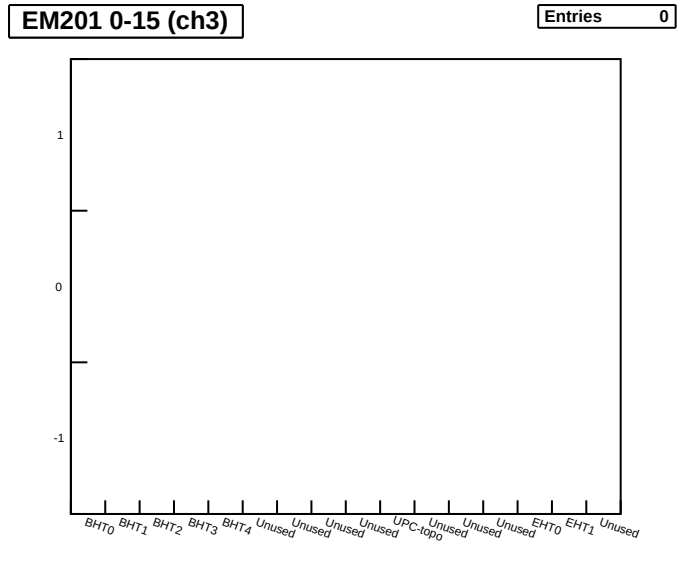

TF201 0-15 (ch0)
Entries 8089120
1
0
505570
500176
453375
437283
334433
421506
420415
416289
505570
505570
505570
505570
505570
505570
5394
52195
68277
171137
505570
84064
85155
89281
505570
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8089120
1
0
149613
335157
428538
379726
490980
498454
768
9566
10485
220
460875
492816
230883
282922
387781
355957
170413
77032
125844
5680
7116
504802
498004
495085
506350
505570
44695
12754
274687
222648
117789
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 8089120
1
0
505570
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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