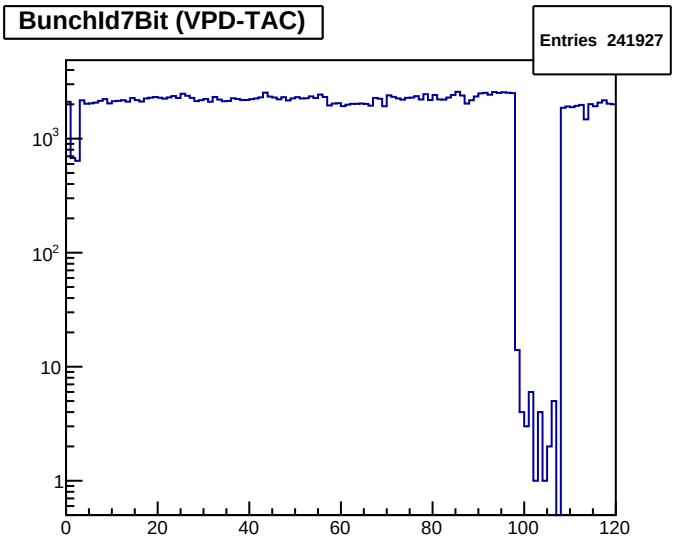
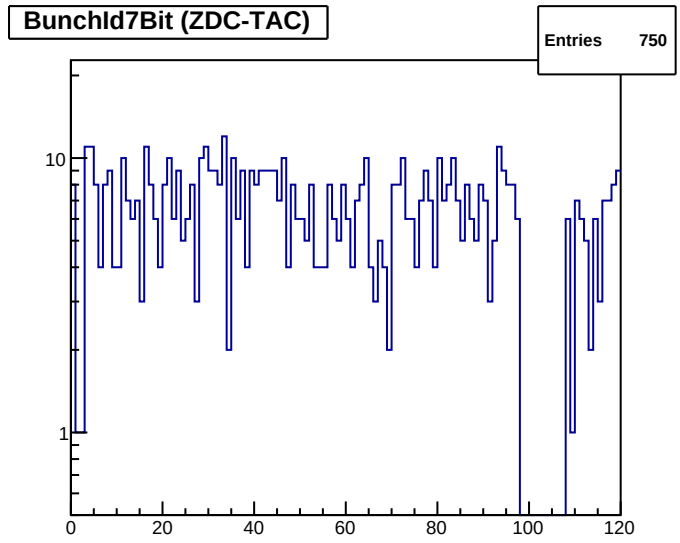
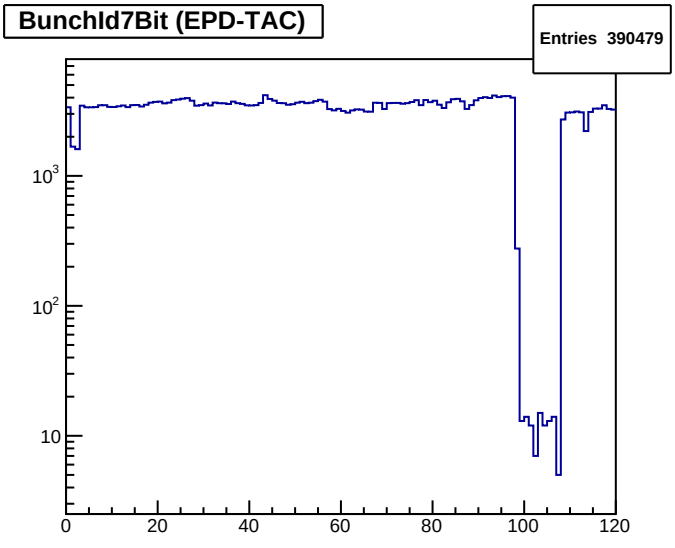
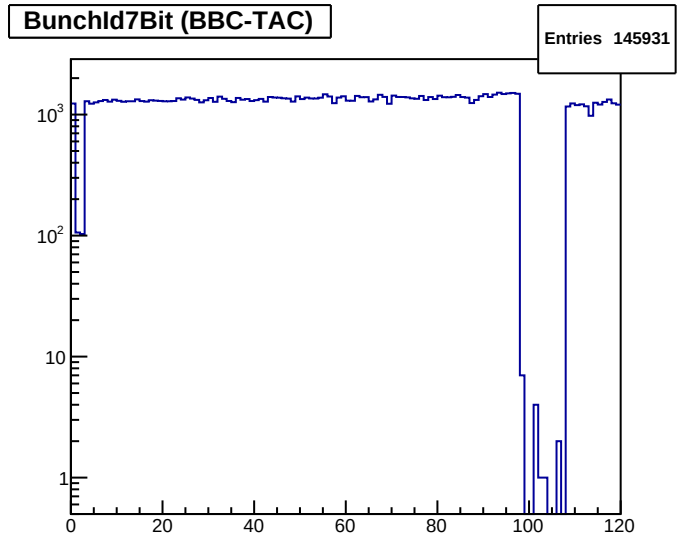
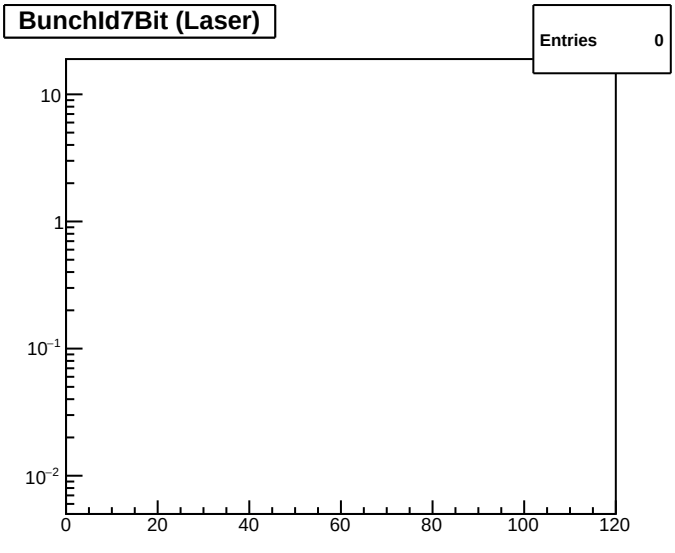
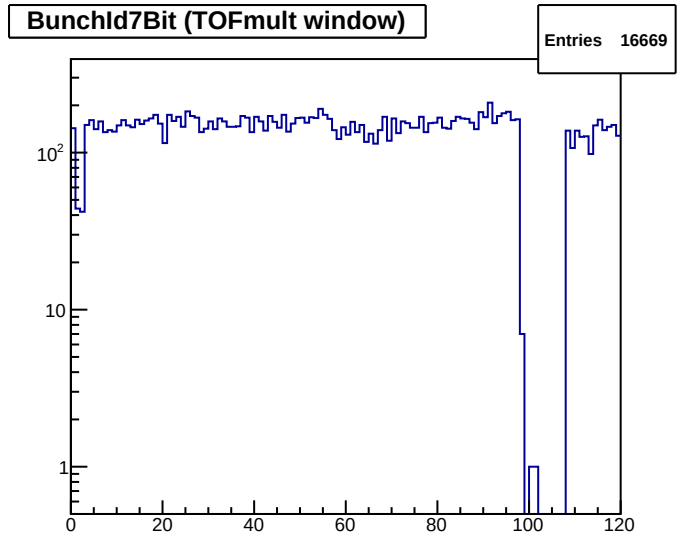

BunchId7Bit (VPD-TAC)
Entries 241927

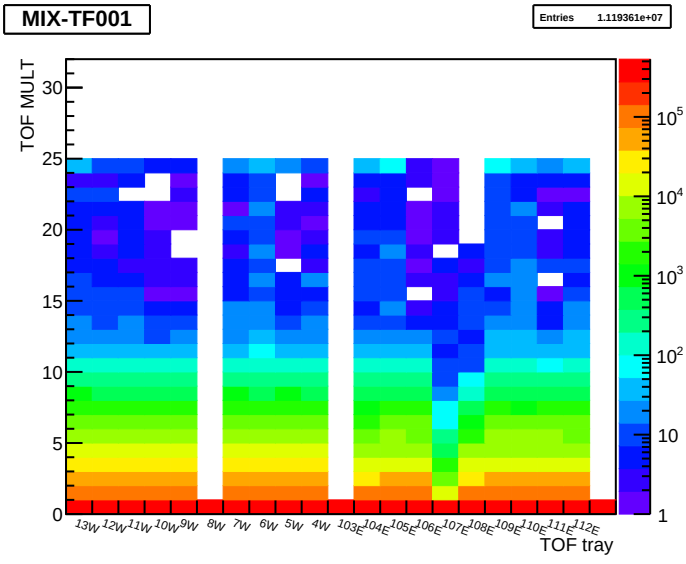

BunchId7Bit (ZDC-TAC)
Entries 750

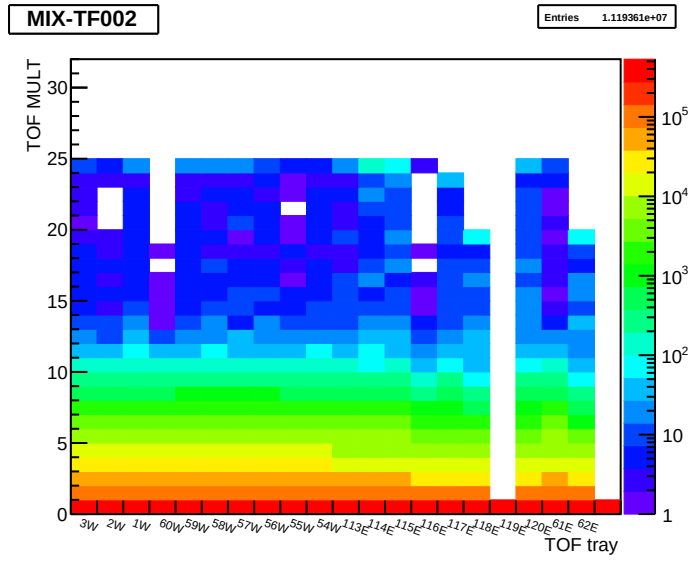

BunchId7Bit (EPD-TAC)
Entries 390479

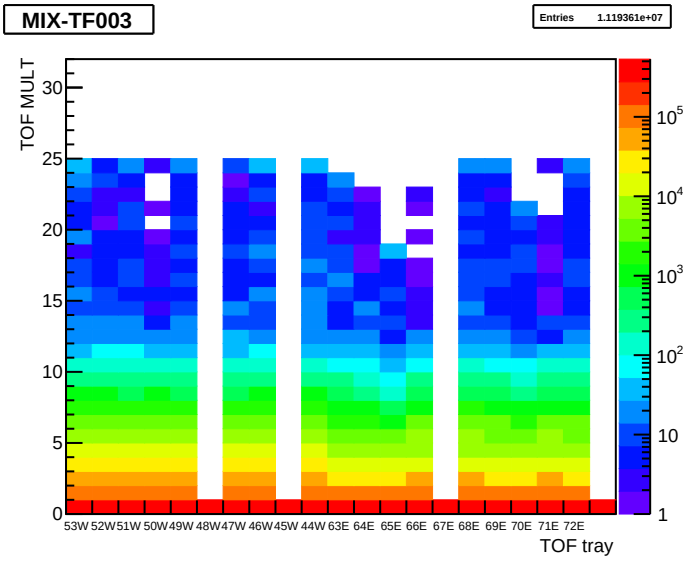

BunchId7Bit (BBC-TAC)
Entries 145931

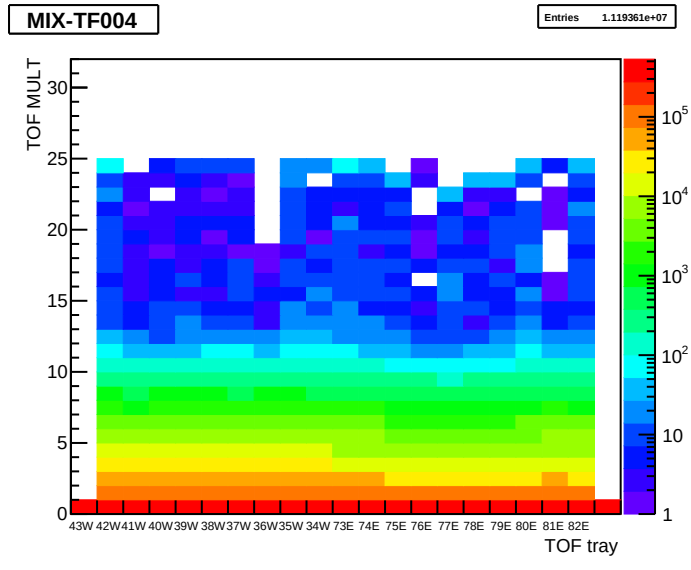

BunchId7Bit (Laser)
Entries 0

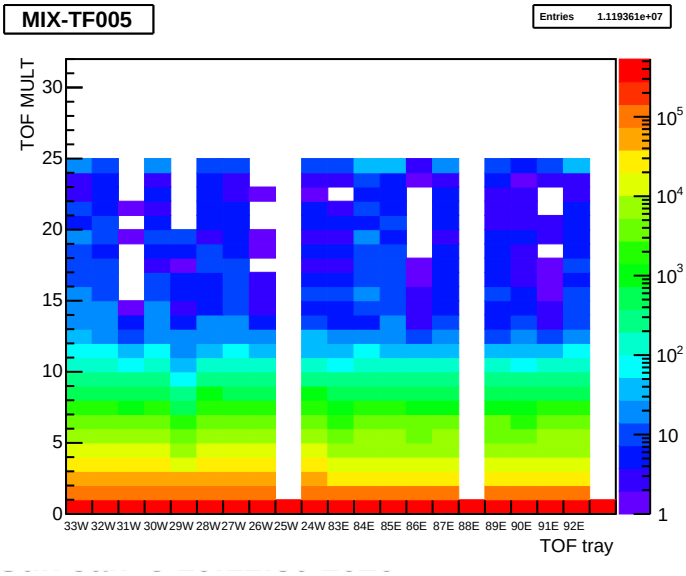

BunchId7Bit (TOFmult window)
Entries 16669

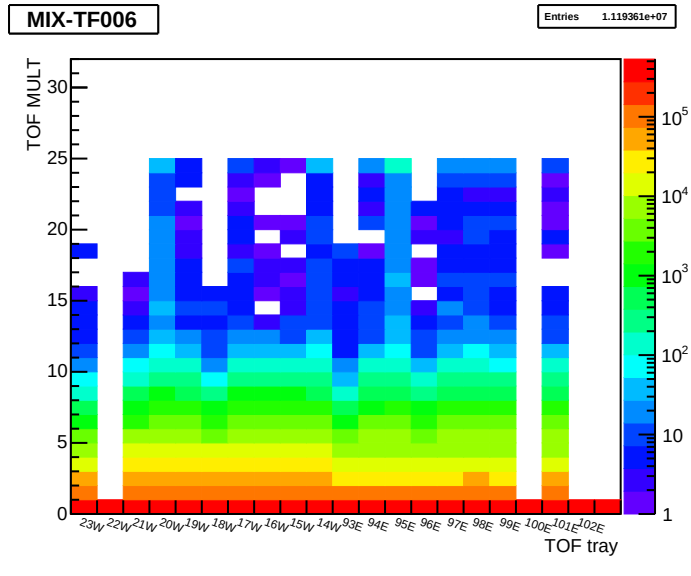

MIX-TF001
Entries 1.119361e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

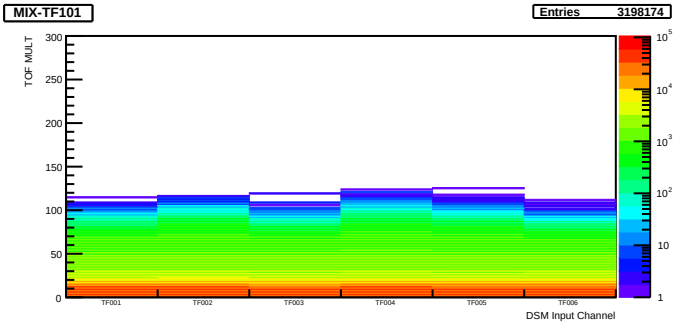

MIX-TF002
Entries 1.119361e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

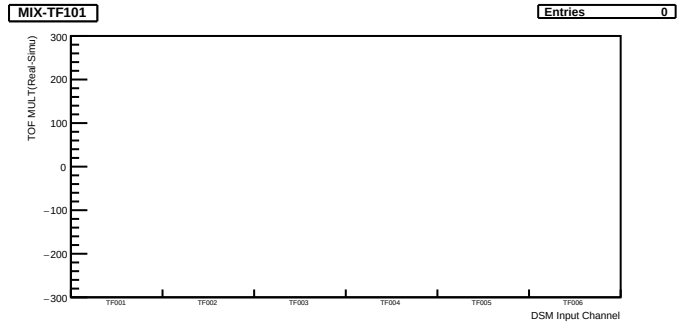

MIX-TF003
Entries 1.119361e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

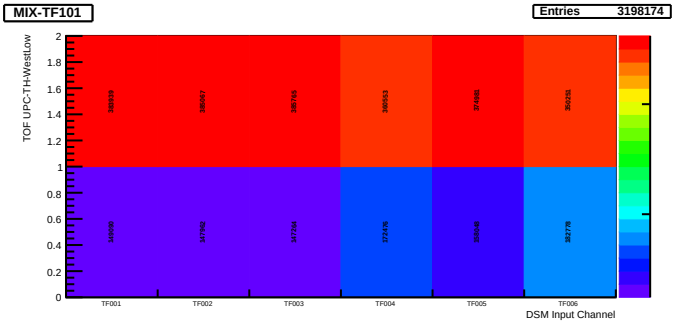

MIX-TF004
Entries 1.119361e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

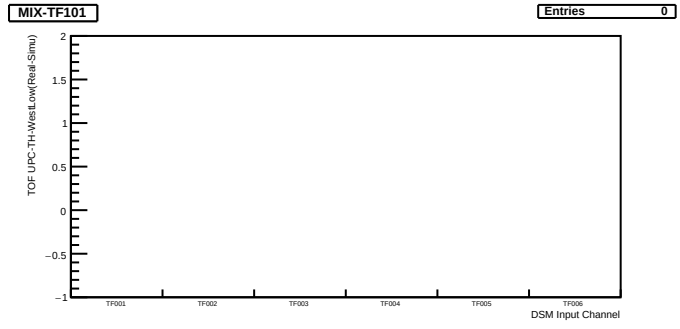

MIX-TF005
Entries 1.119361e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

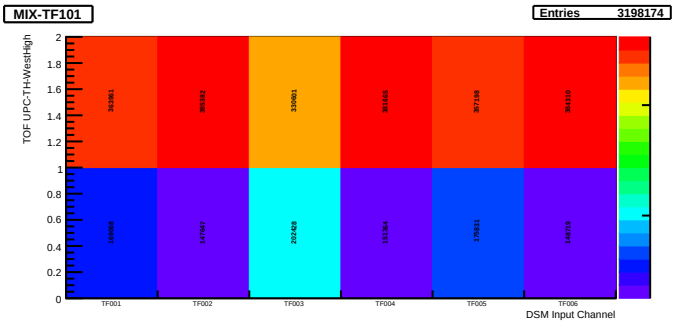

MIX-TF006
Entries 1.119361e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

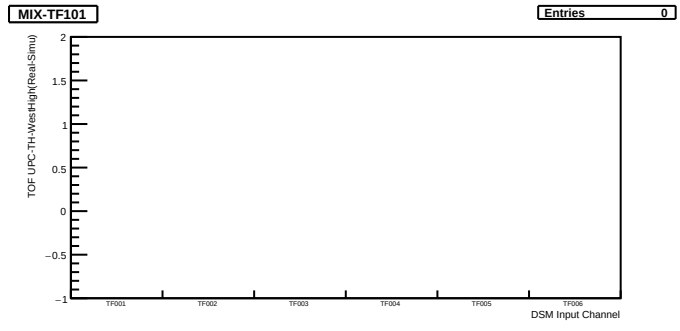

MIX-TF101
Entries 3198174
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

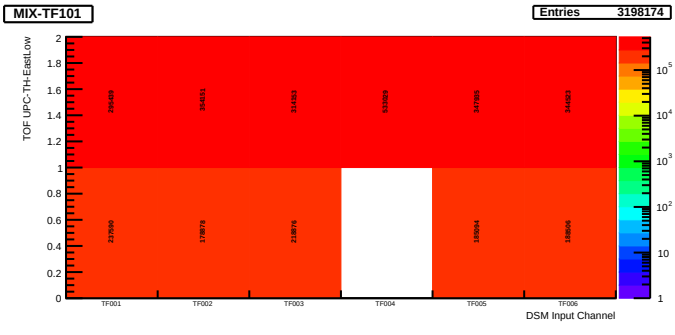

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

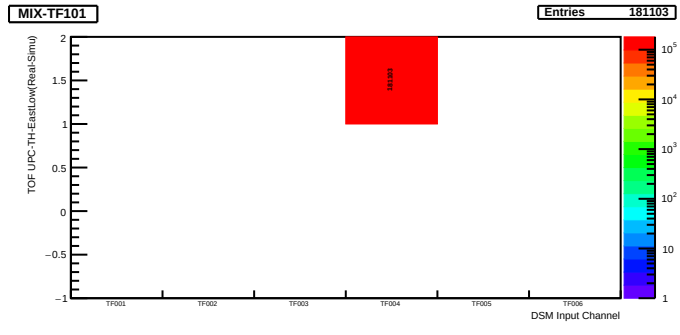

MIX-TF101
Entries 3198174
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

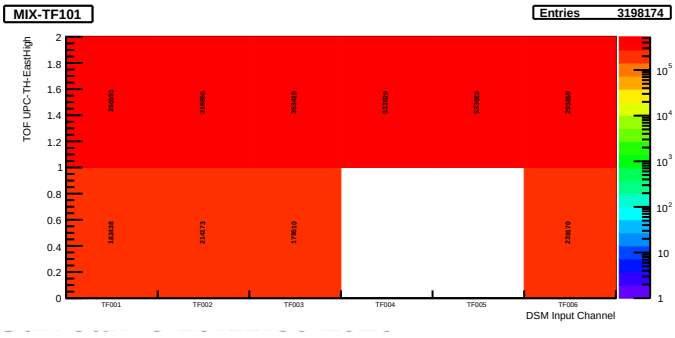

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

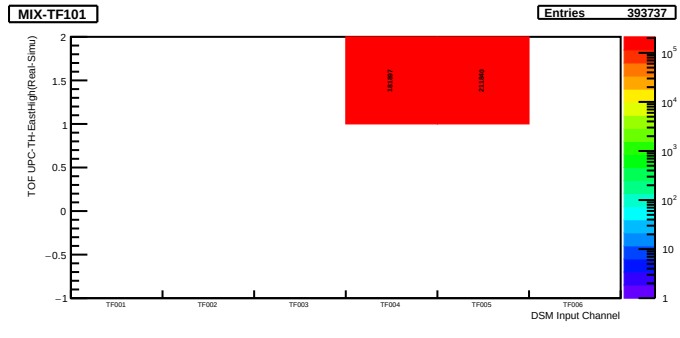

MIX-TF101
Entries 3198174
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

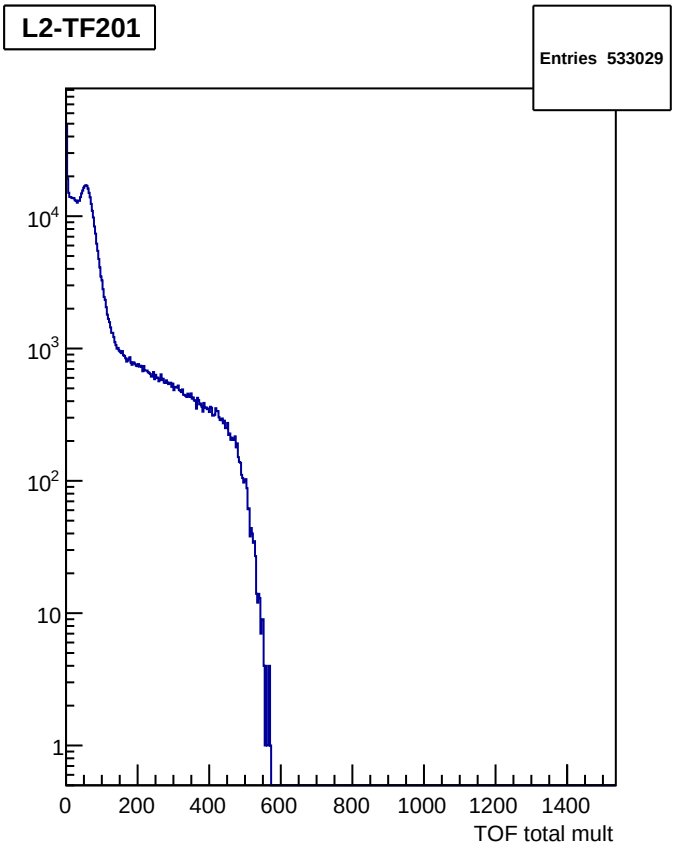

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

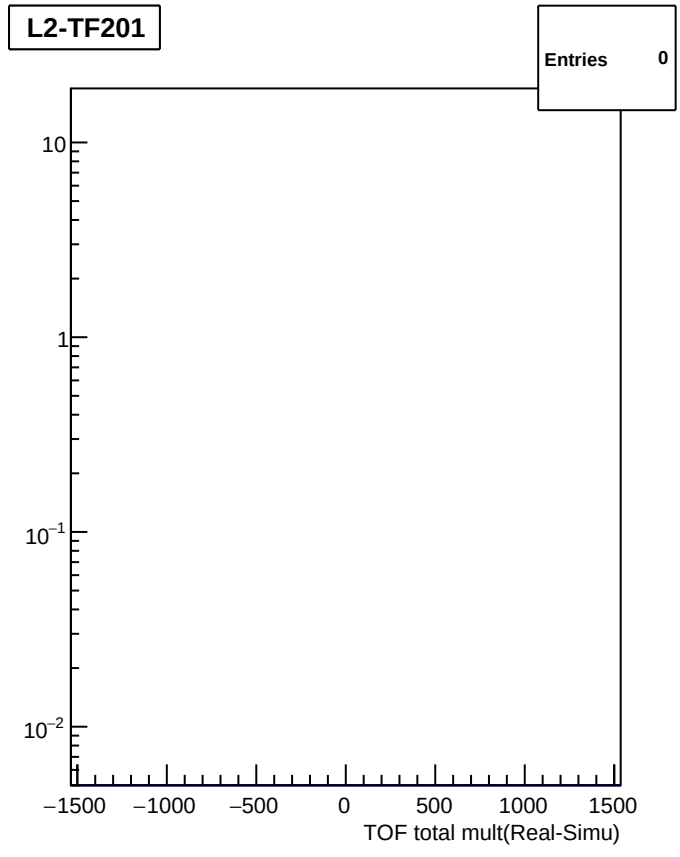

MIX-TF101
Entries 3198174
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

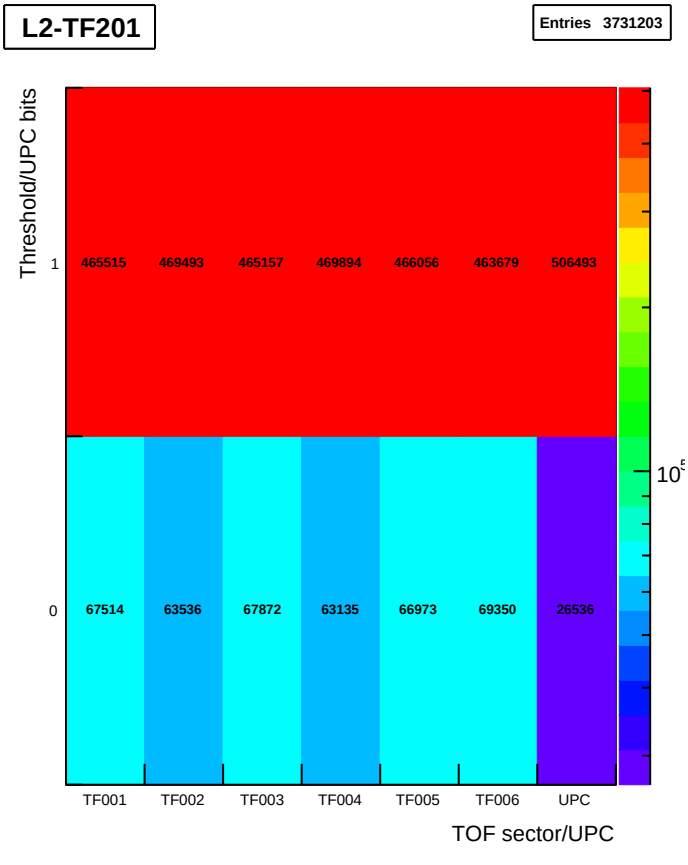

MIX-TF101
Entries 181103
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

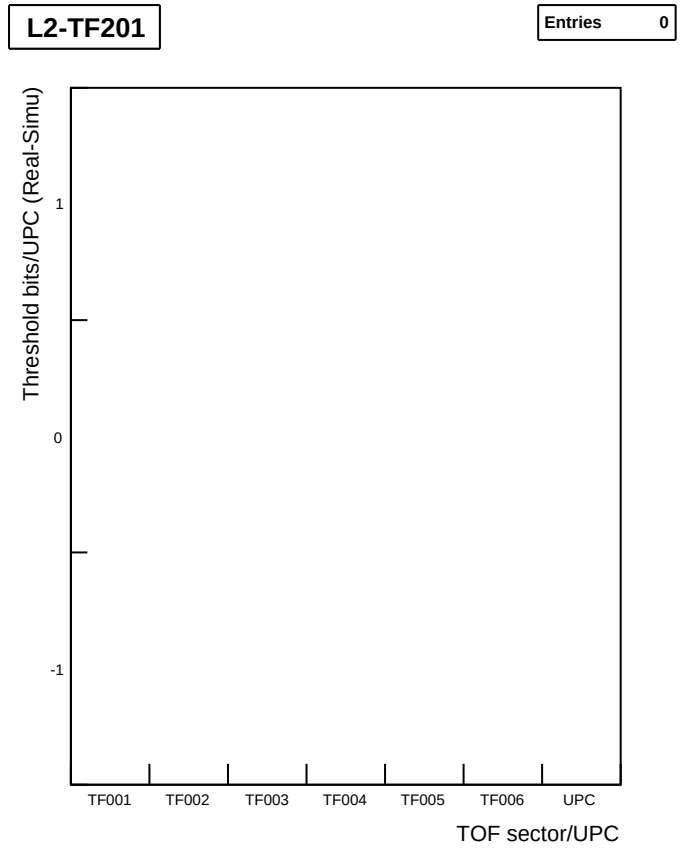

MIX-TF101
Entries 3198174
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

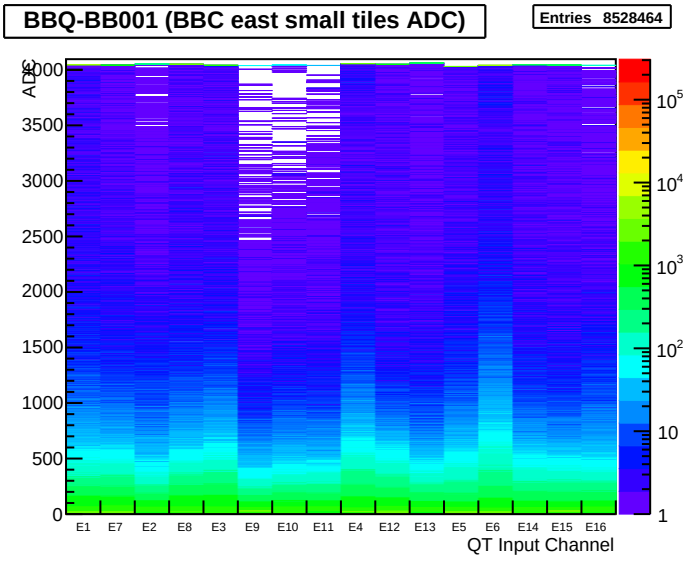

MIX-TF101
Entries 393737
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

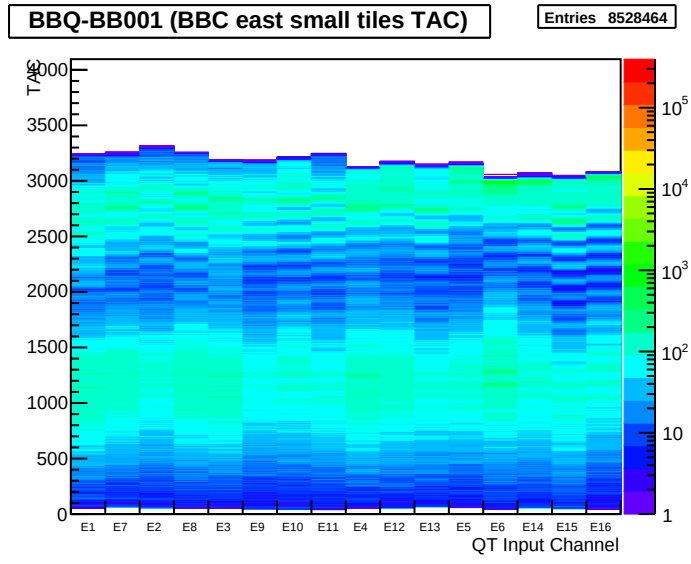

L2-TF201
Entries 533029
TOF total mult

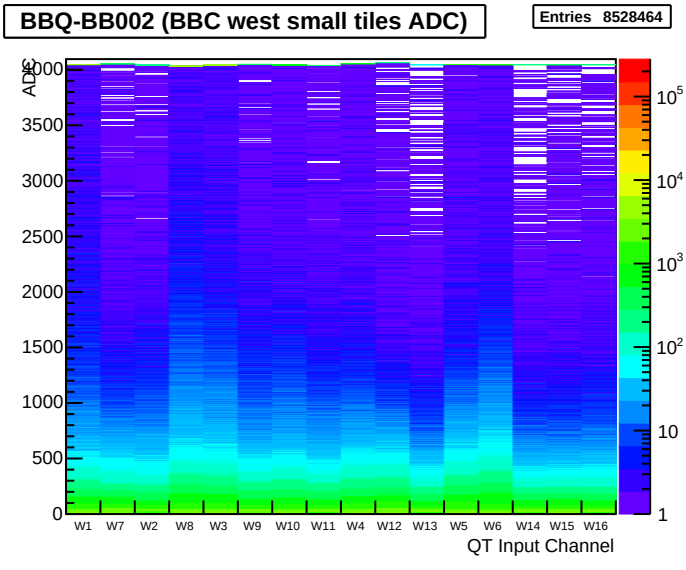

L2-TF201
Entries 0
TOF total mult(Real-Simu)

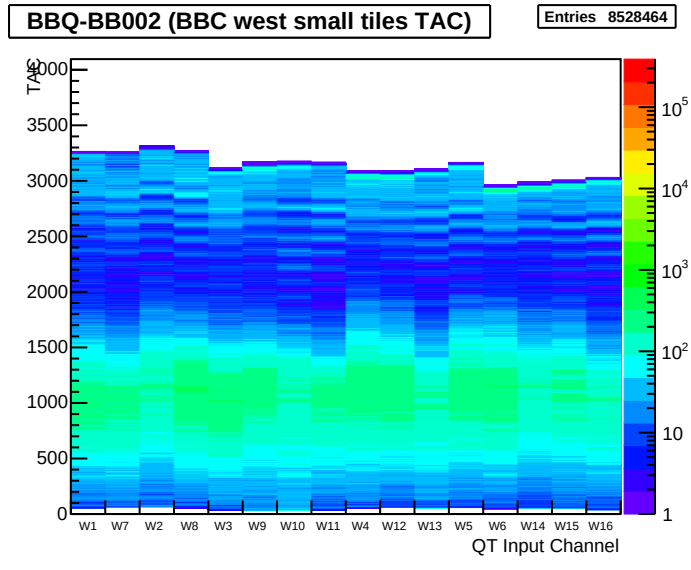

L2-TF201
Entries 3731203
Threshold/UPC bits
465515
469493
465157
469894
466056
463679
506493
67514
63536
67872
63135
66973
69350
26536
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

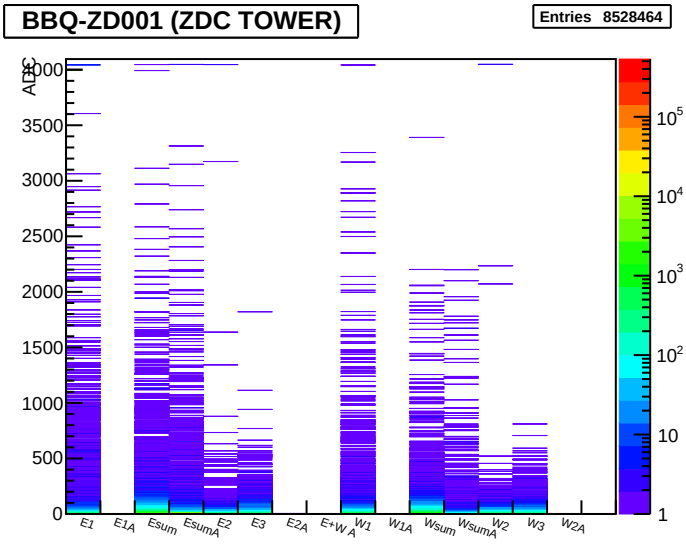

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

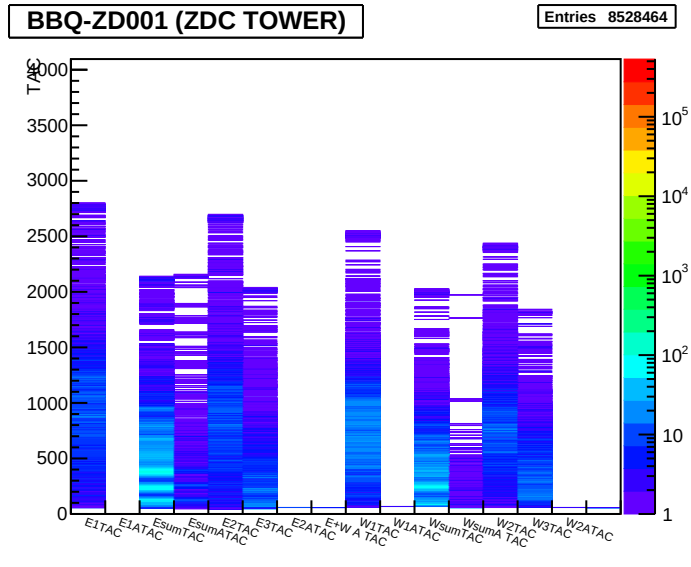

BBQ-BB001 (BBC east small tiles ADC)
Entries 8528464
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

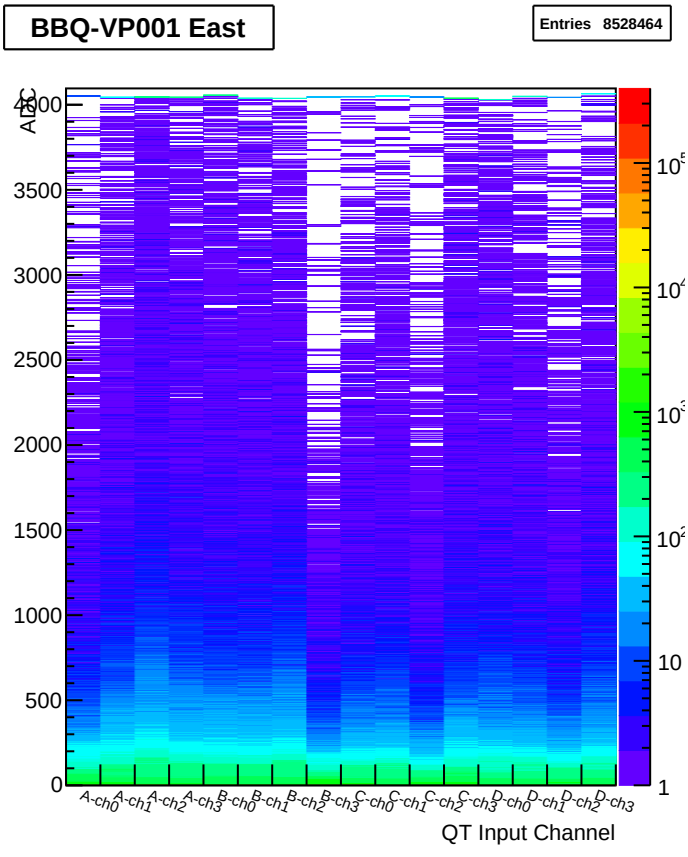

BBQ-BB001 (BBC east small tiles TAC)
Entries 8528464
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

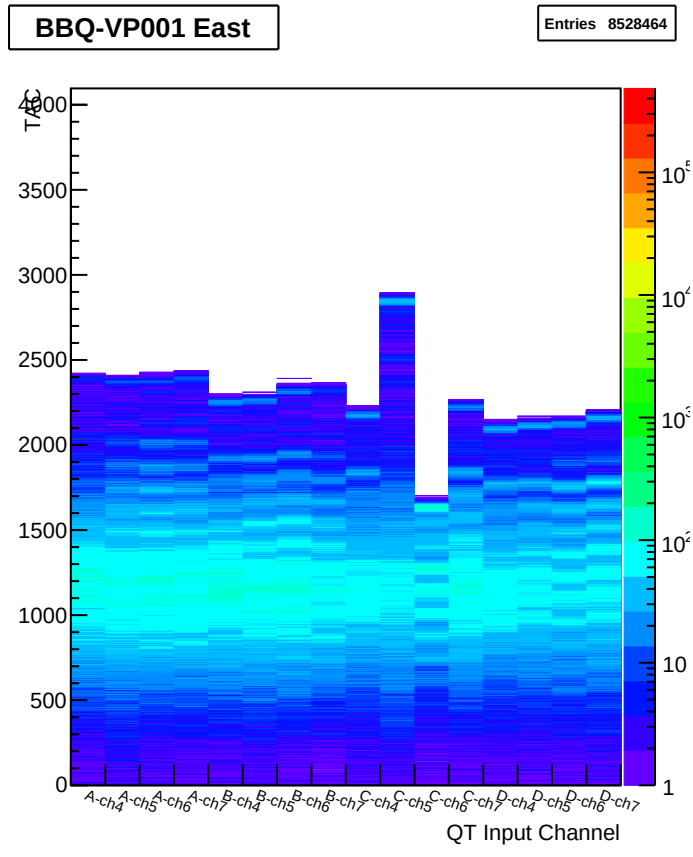

BBQ-BB002 (BBC west small tiles ADC)
Entries 8528464
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

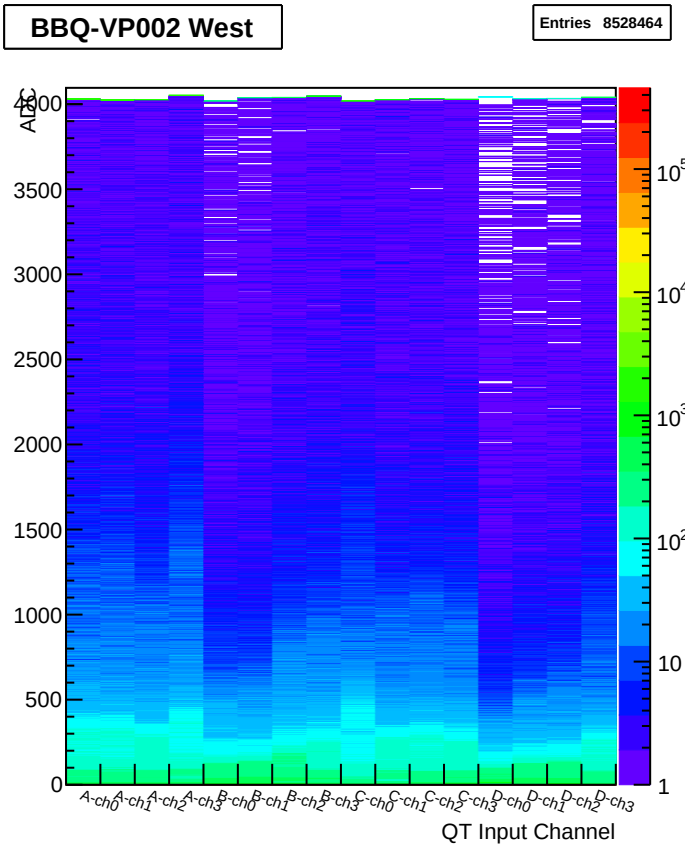

BBQ-BB002 (BBC west small tiles TAC)
Entries 8528464
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

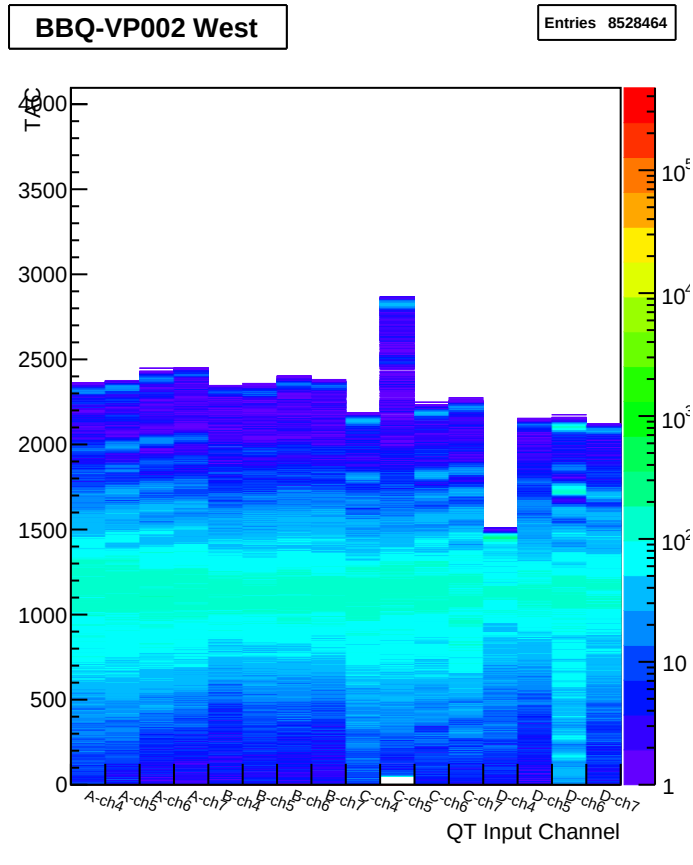

BBQ-ZD001 (ZDC TOWER)
Entries 8528464
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

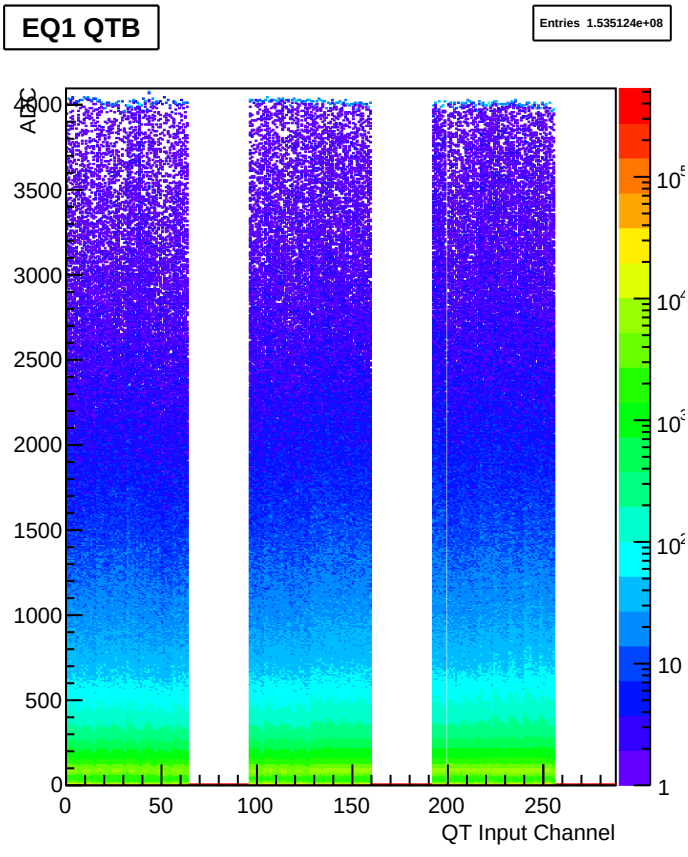

BBQ-ZD001 (ZDC TOWER)
Entries 8528464
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

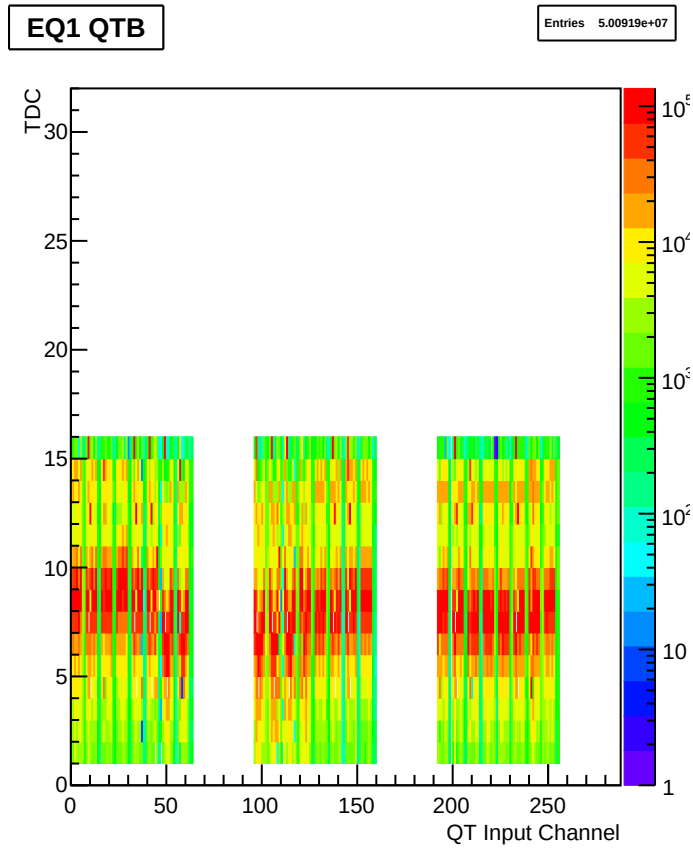

BBQ-VP001 East
Entries 8528464
ADC
QT Input Channel

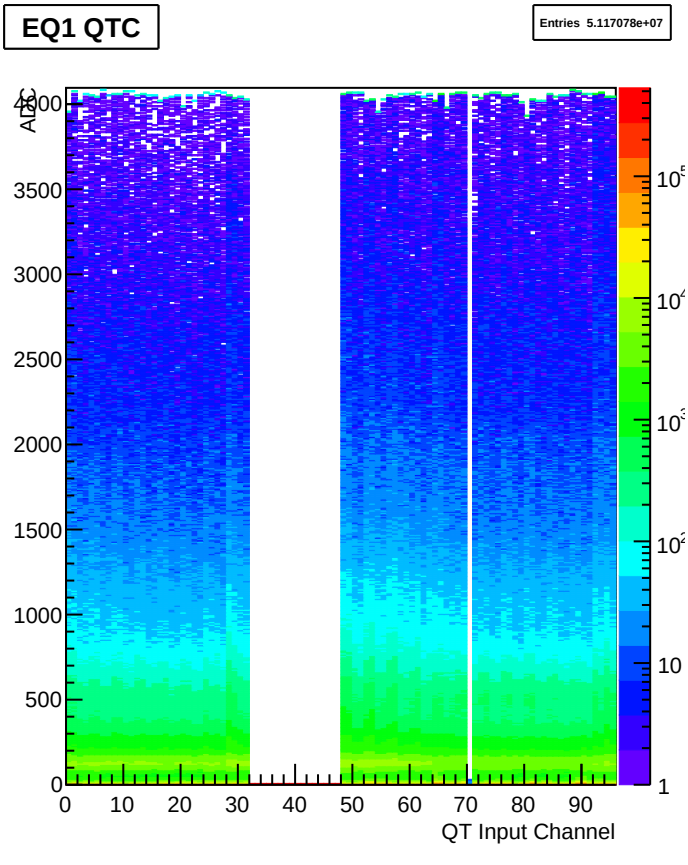

BBQ-VP001 East
Entries 8528464
TADC
QT Input Channel

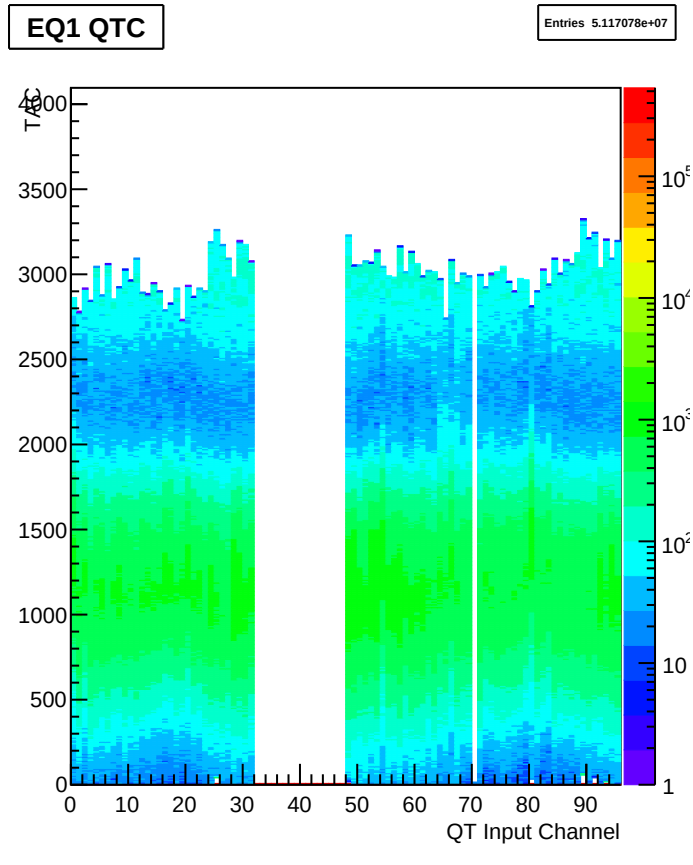

BBQ-VP002 West
Entries 8528464
ADC
QT Input Channel

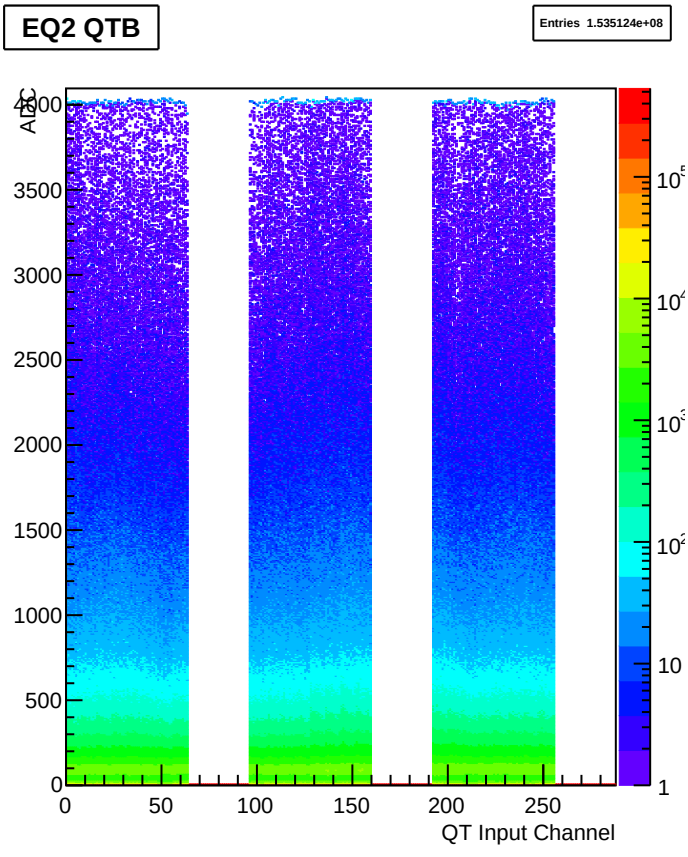

BBQ-VP002 West
Entries 8528464
TADC
QT Input Channel

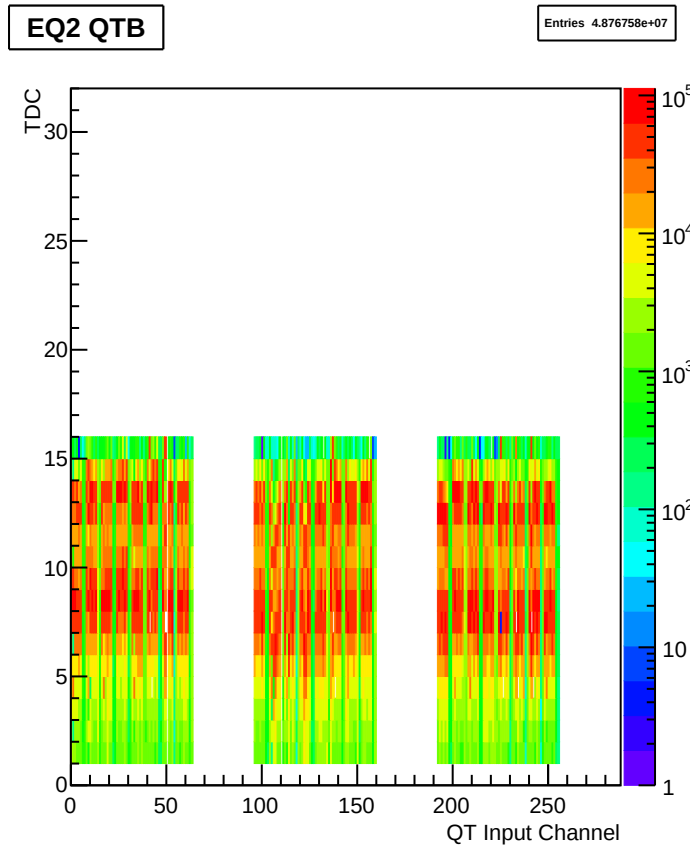

EQ1 QTB
Entries 1.535124e+08
ADC
QT Input Channel

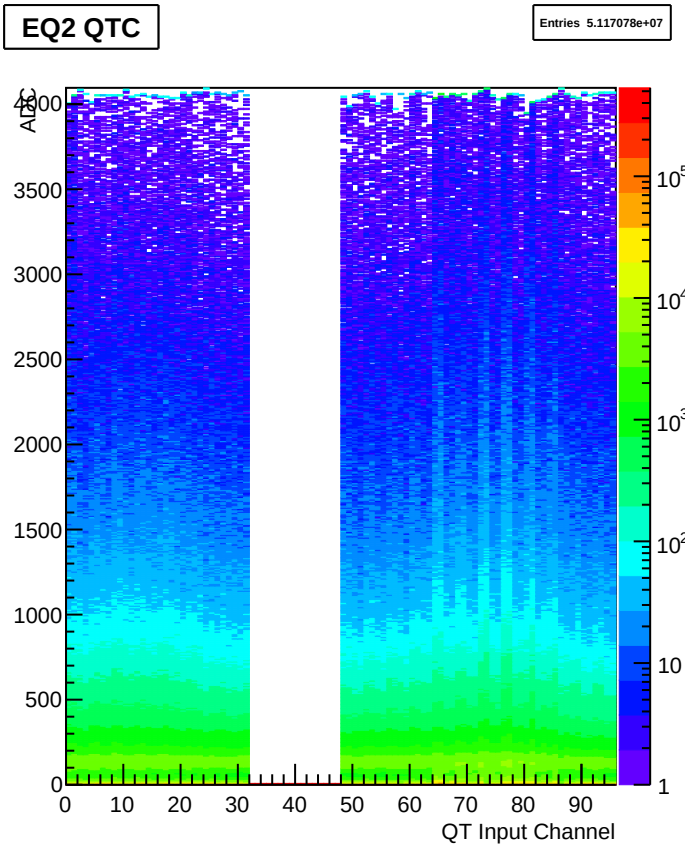

EQ1 QTB
Entries 5.00919e+07
TDC
QT Input Channel

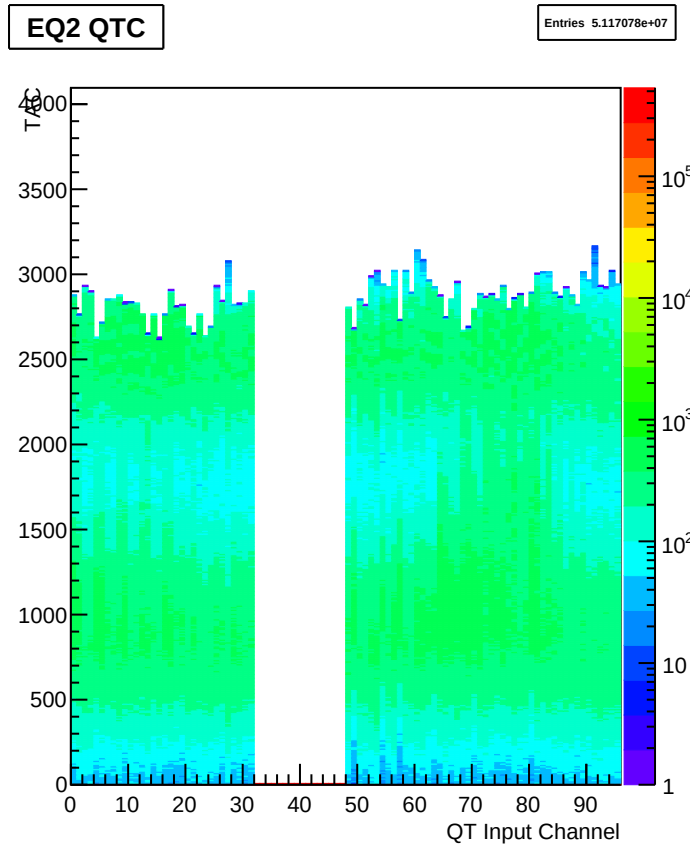

EQ1 QTC
Entries 5.117078e+07
ADC
QT Input Channel

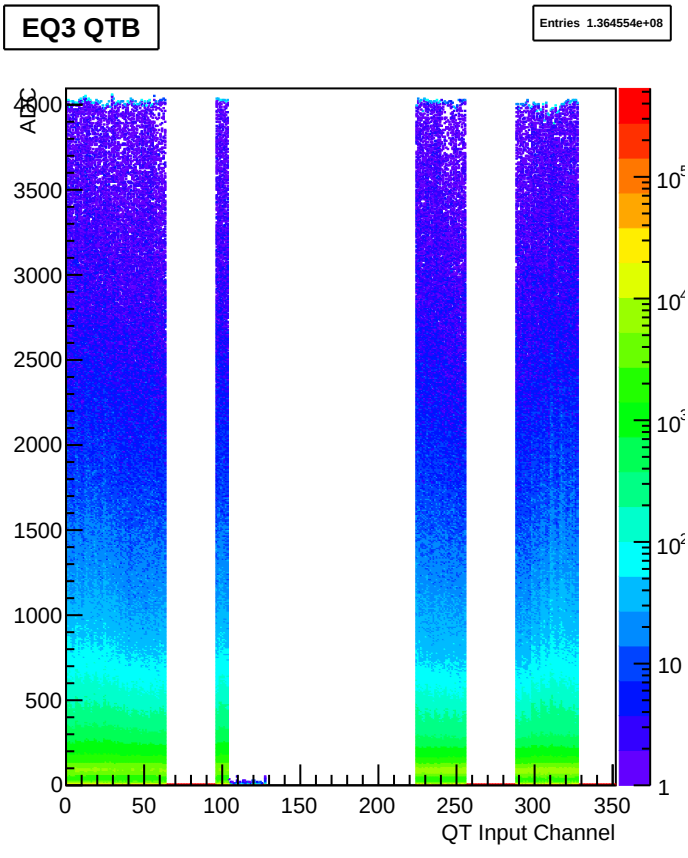

EQ1 QTC
Entries 5.117078e+07
TADC
QT Input Channel

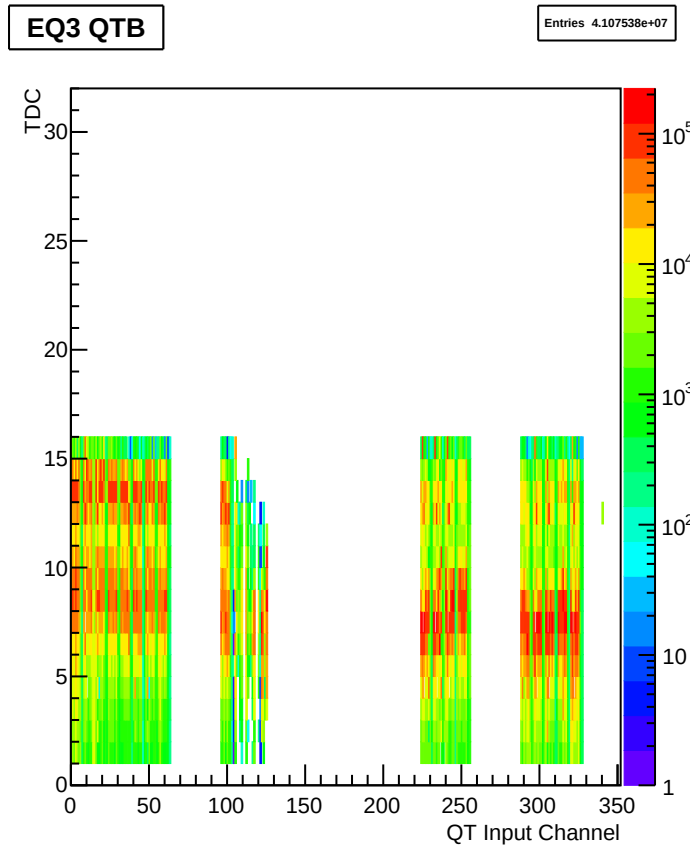

EQ2 QTB
Entries 1.535124e+08
ADC
QT Input Channel

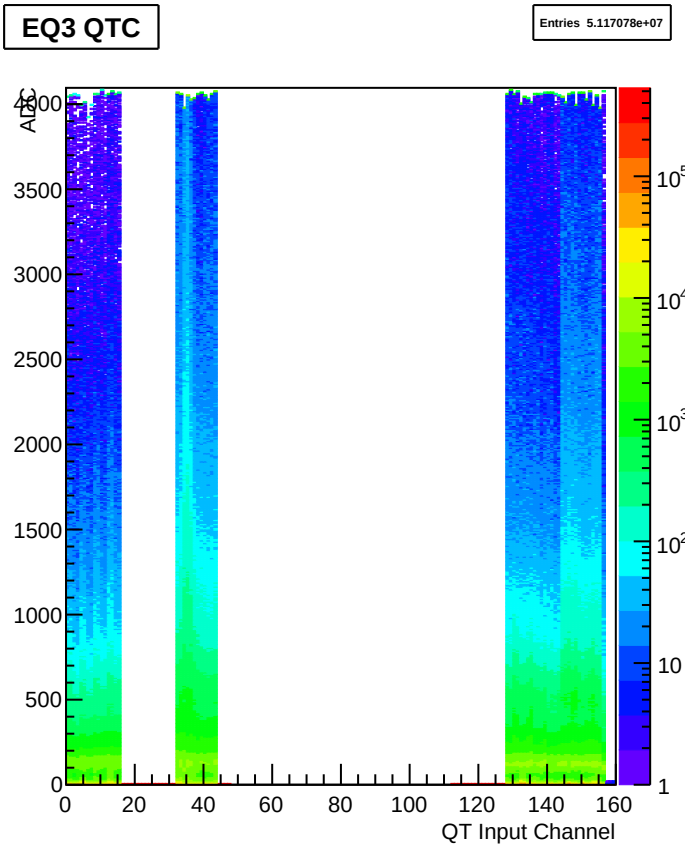

EQ2 QTB
Entries 4.876758e+07
TDC
QT Input Channel

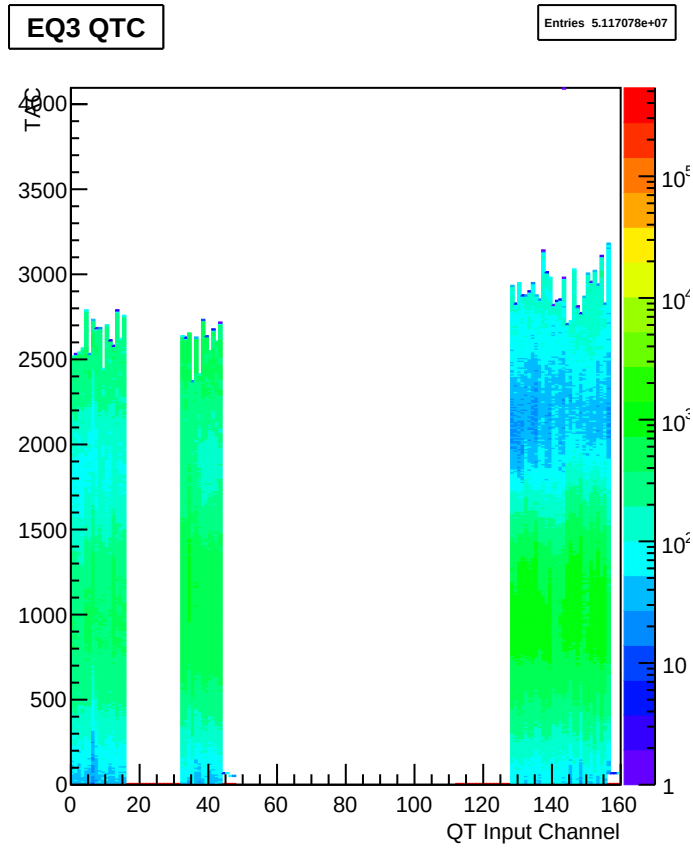

EQ2 QTC
Entries 5.117078e+07
ADC
QT Input Channel

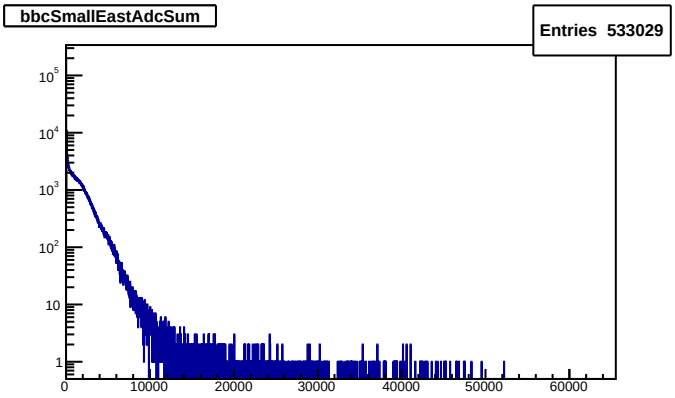

EQ2 QTC
Entries 5.117078e+07
TADC
QT Input Channel

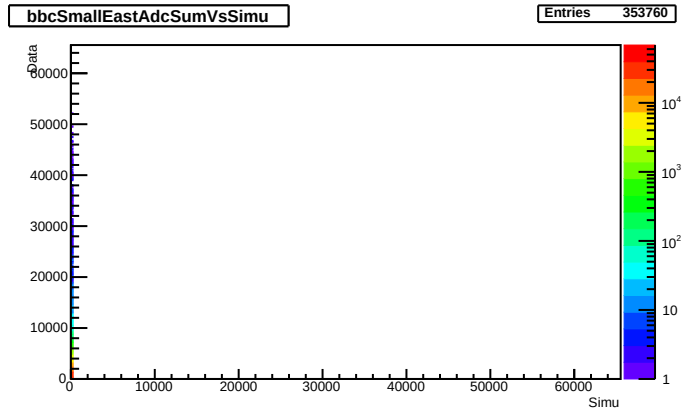

EQ3 QTB
Entries 1.364554e+08
ADC
QT Input Channel

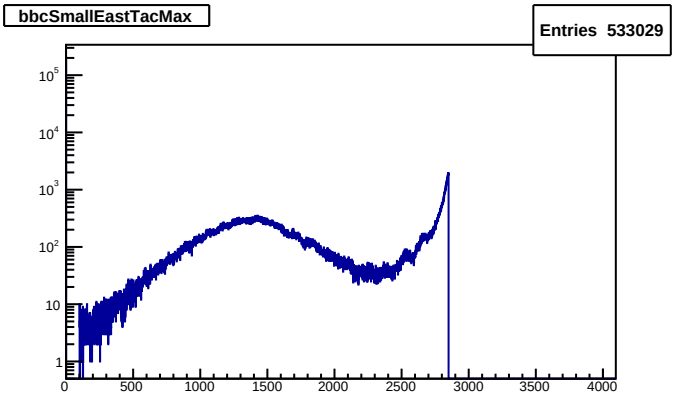

EQ3 QTB
Entries 4.107538e+07
TDC
QT Input Channel

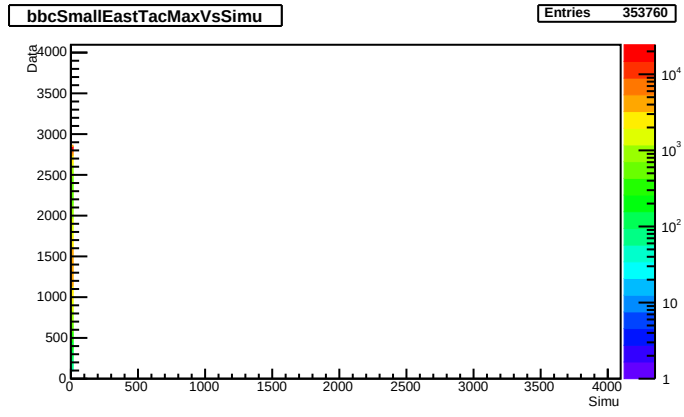

EQ3 QTC
Entries 5.117078e+07
ADC
QT Input Channel

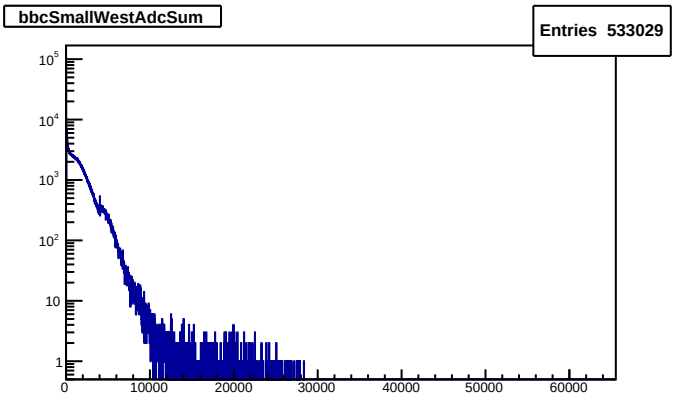

EQ3 QTC
Entries 5.117078e+07
TADC
QT Input Channel

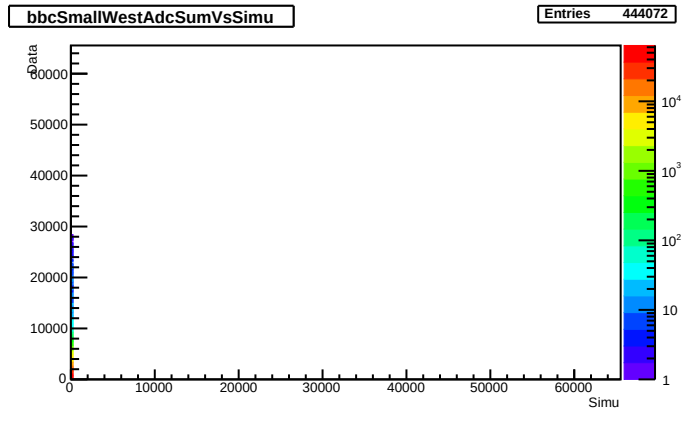

bbcSmallEastAdcSum
Entries 533029

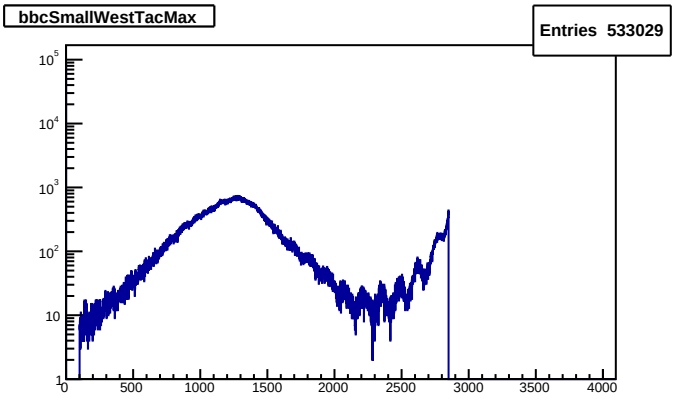

bbcSmallEastAdcSumVsSimu
Entries 353760
Data
Simu

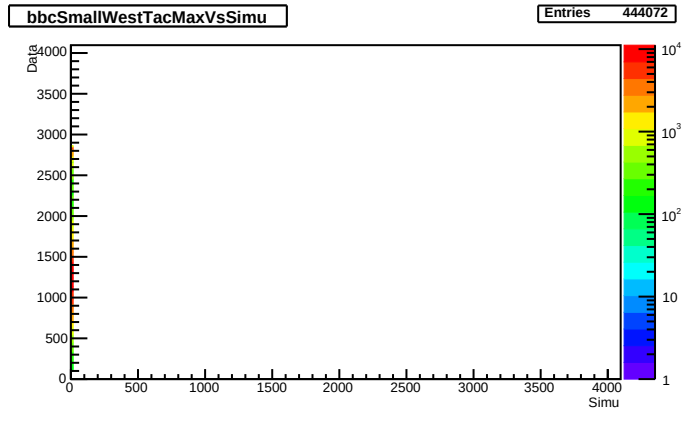

bbcSmallEastTacMax
Entries 533029

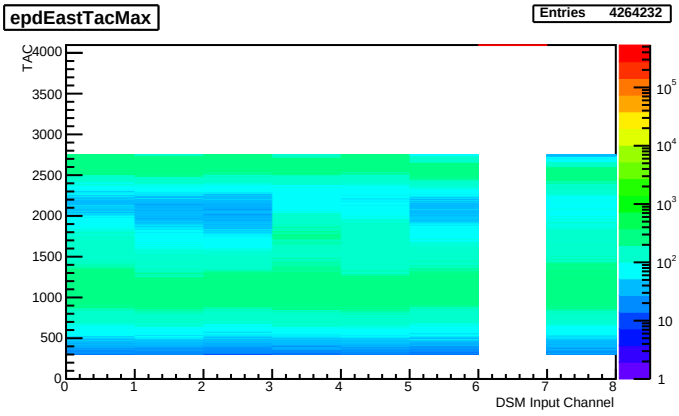

bbcSmallEastTacMaxVsSimu
Entries 353760
Data
Simu

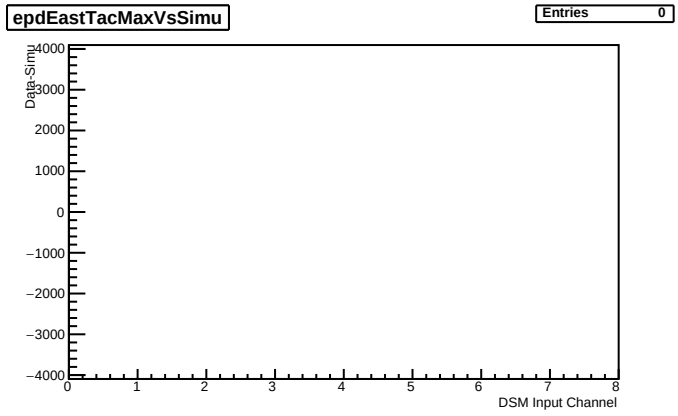

bbcSmallWestAdcSum
Entries 533029

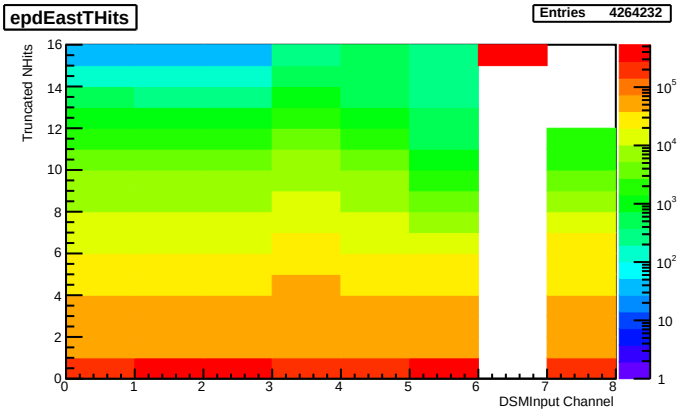

bbcSmallWestAdcSumVsSimu
Entries 444072
Data
Simu

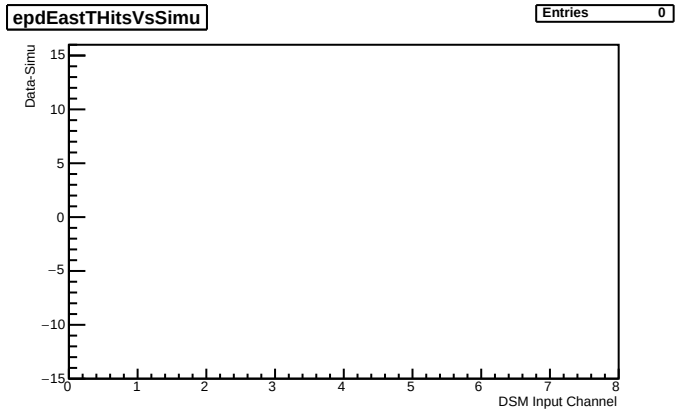

bbcSmallWestTacMax
Entries 533029

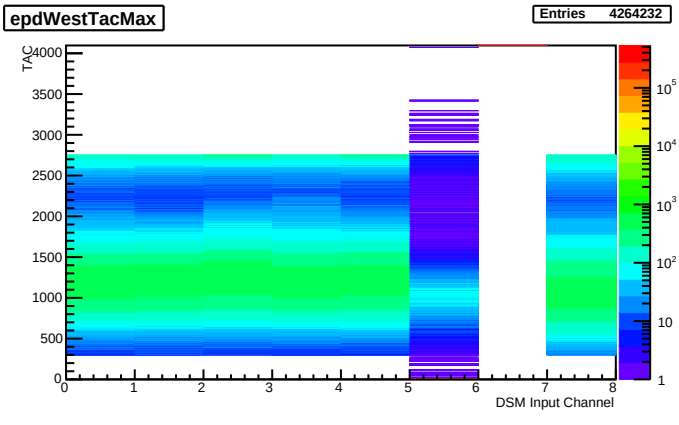

bbcSmallWestTacMaxVsSimu
Entries 444072
Data
Simu

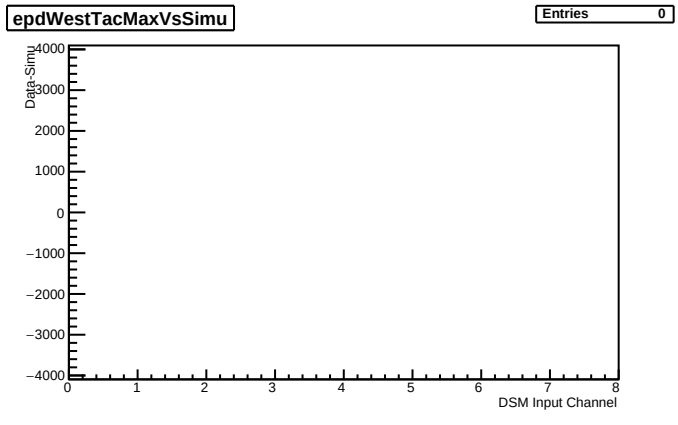

epdEastTacMax
Entries 4264232
TAC
DSM Input Channel

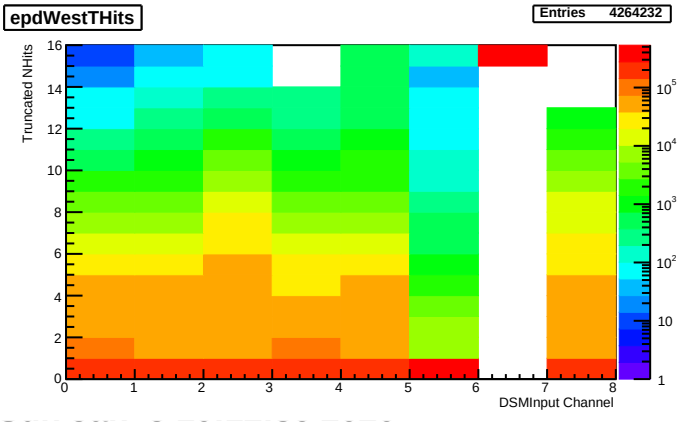

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

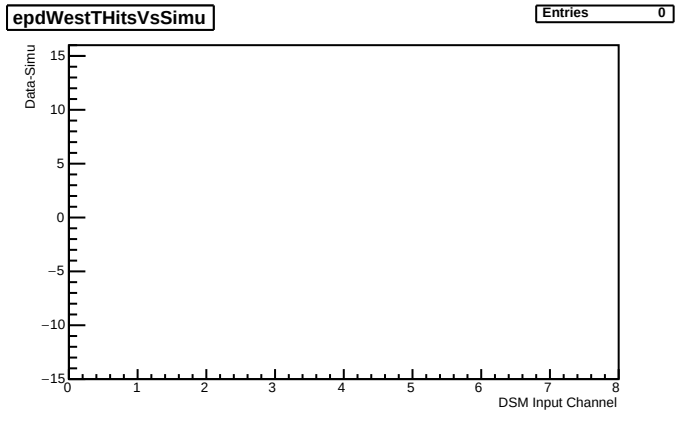

epdEastTHits
Entries 4264232
Truncated NHits
DSMInput Channel

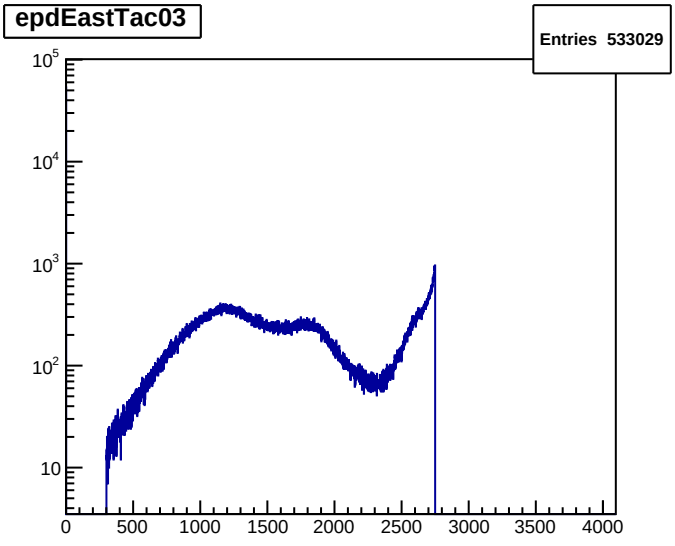

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

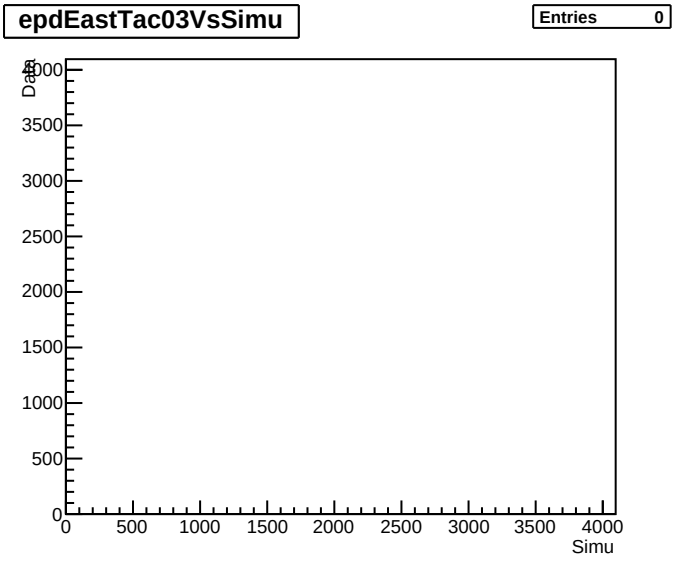

epdWestTacMax
Entries 4264232
TAC
DSM Input Channel

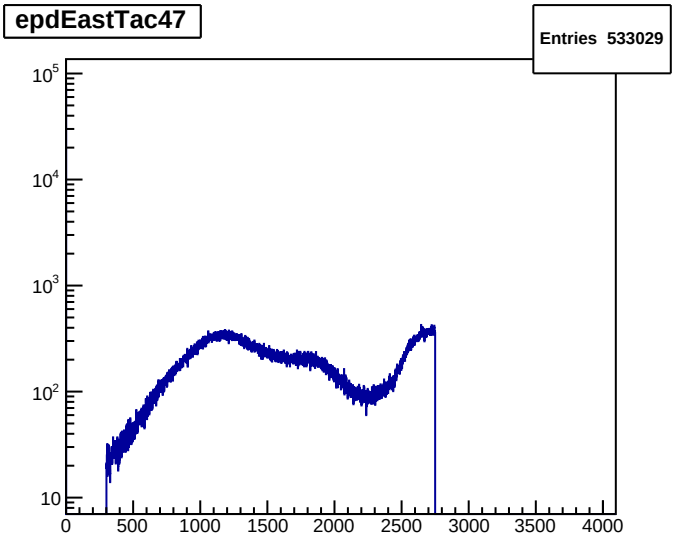

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

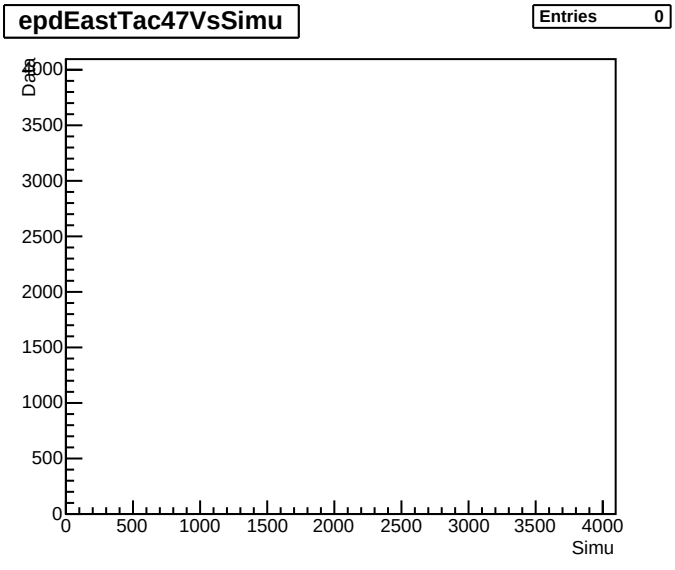

epdWestTHits
Entries 4264232
Truncated NHits
DSMInput Channel

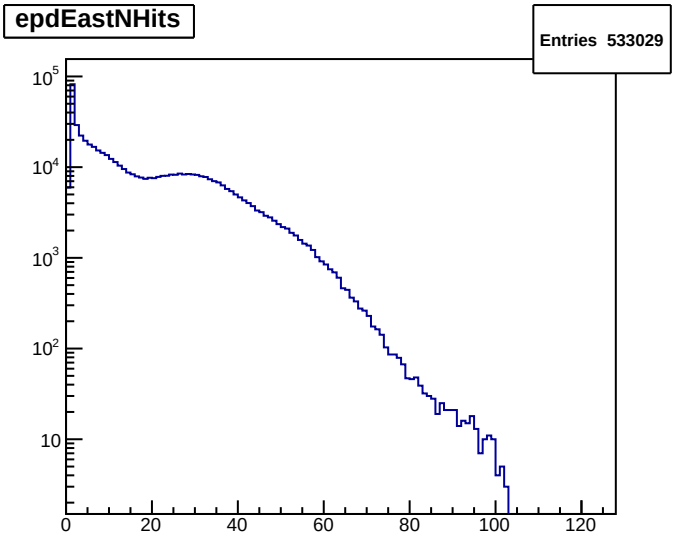

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

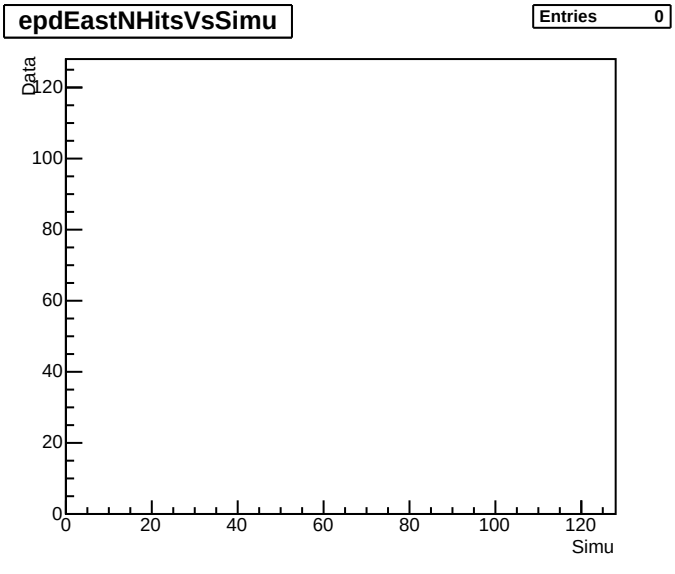

epdEastTac03
Entries 533029

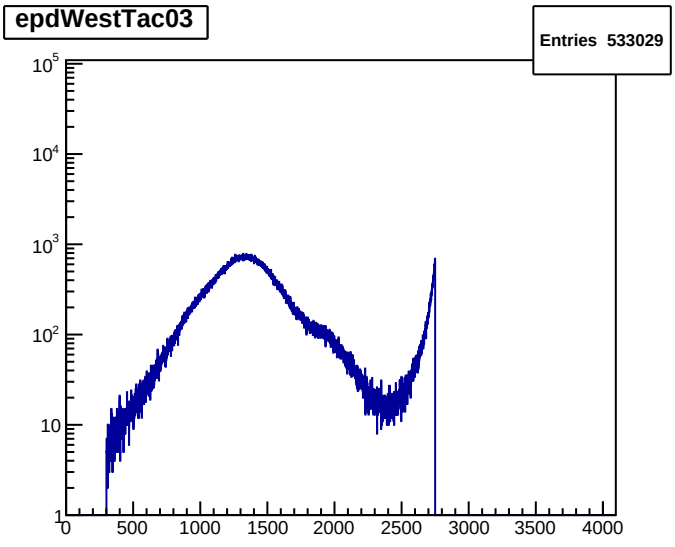

epdEastTac03VsSimu
Entries 0
Data
Simu

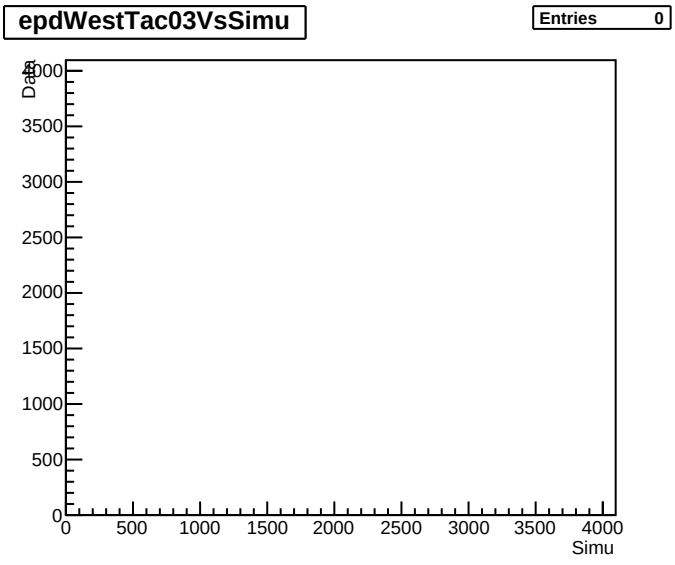

epdEastTac47
Entries 533029

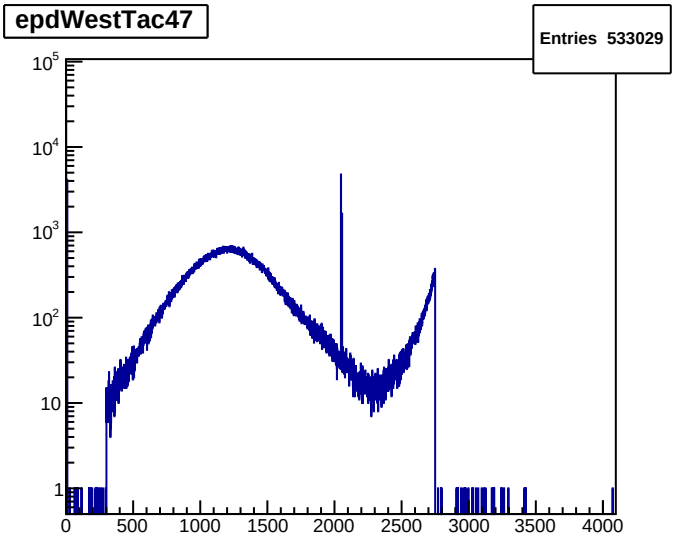

epdEastTac47VsSimu
Entries 0
Data
Simu

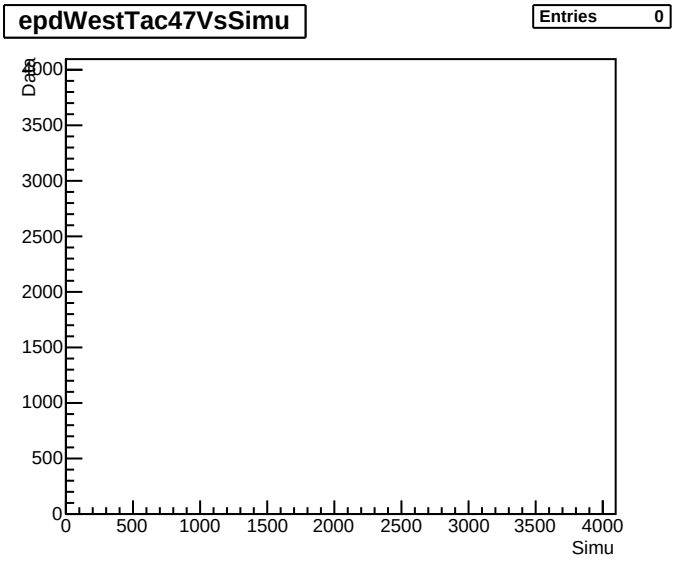

epdEastNHits
Entries 533029

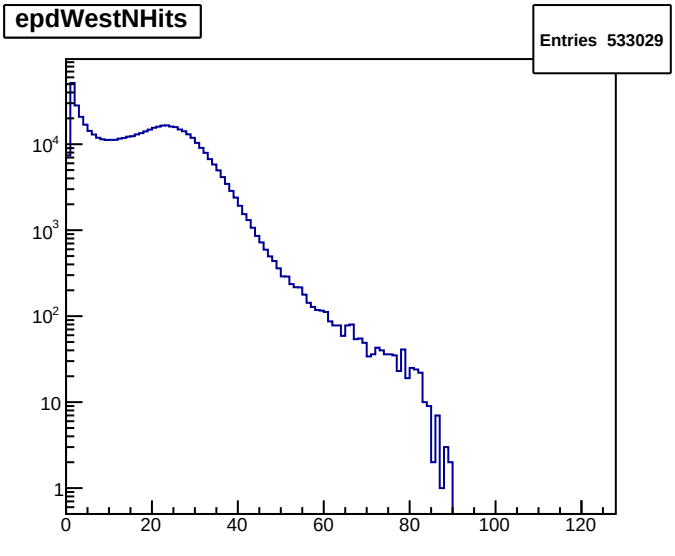

epdEastNHitsVsSimu
Entries 0
Data
Simu

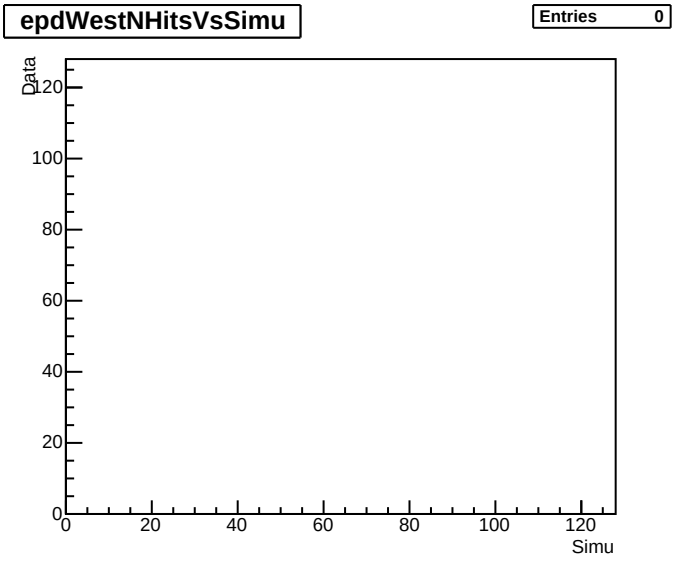

epdWestTac03
Entries 533029

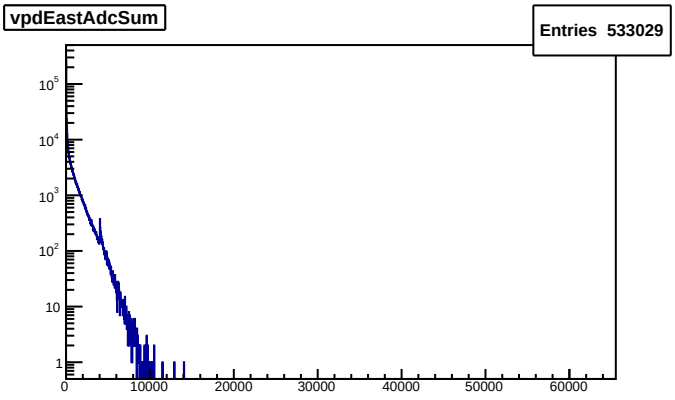

epdWestTac03VsSimu
Entries 0
Data
Simu

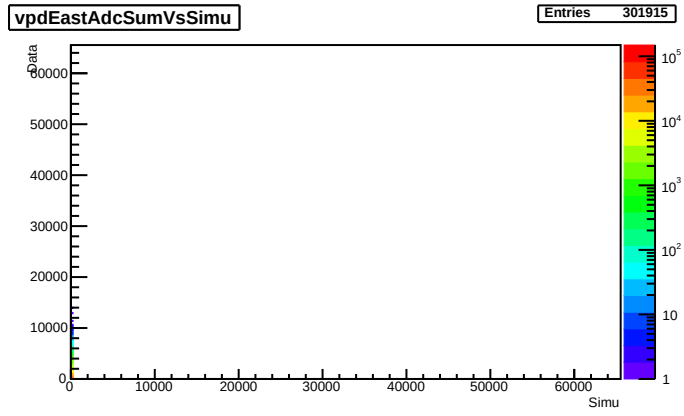

epdWestTac47
Entries 533029

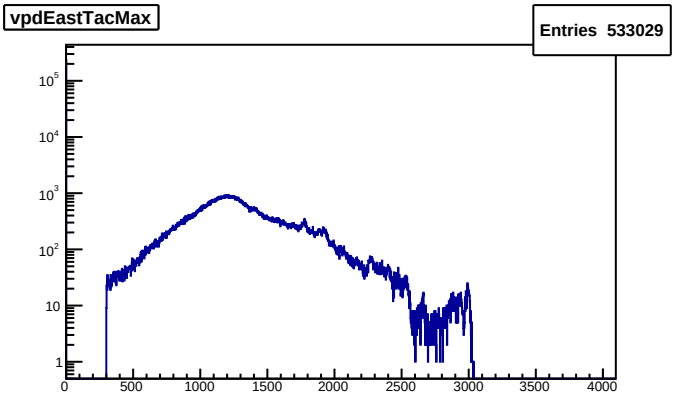

epdWestTac47VsSimu
Entries 0
Data
Simu

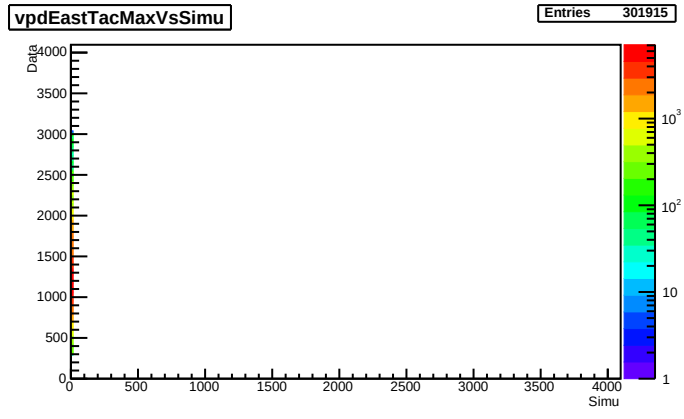

epdWestNHits
Entries 533029

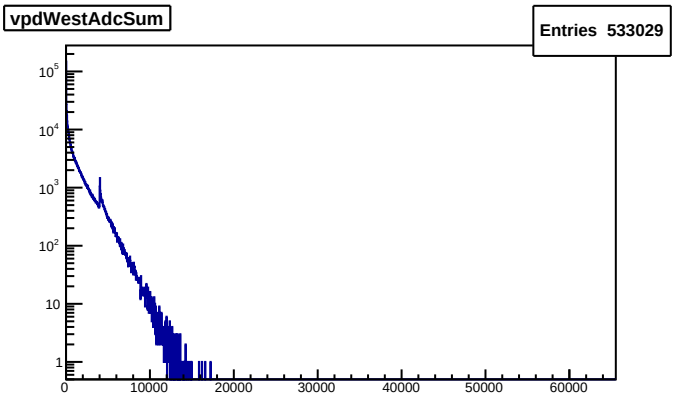

epdWestNHitsVsSimu
Entries 0
Data
Simu

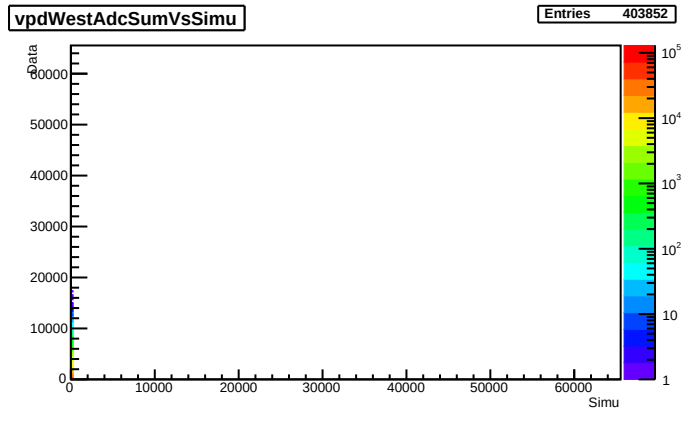

vpdEastAdcSum
Entries 533029

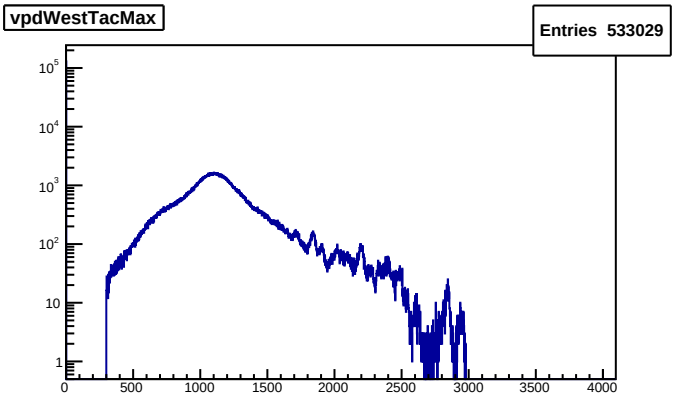

vpdEastAdcSumVsSimu
Entries 301915
Data
Simu

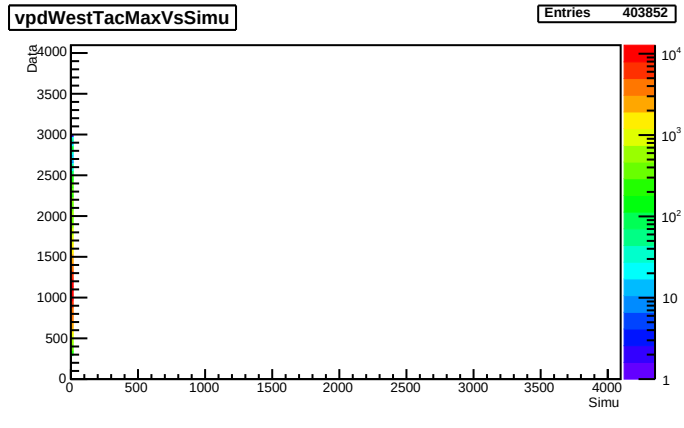

vpdEastTacMax
Entries 533029

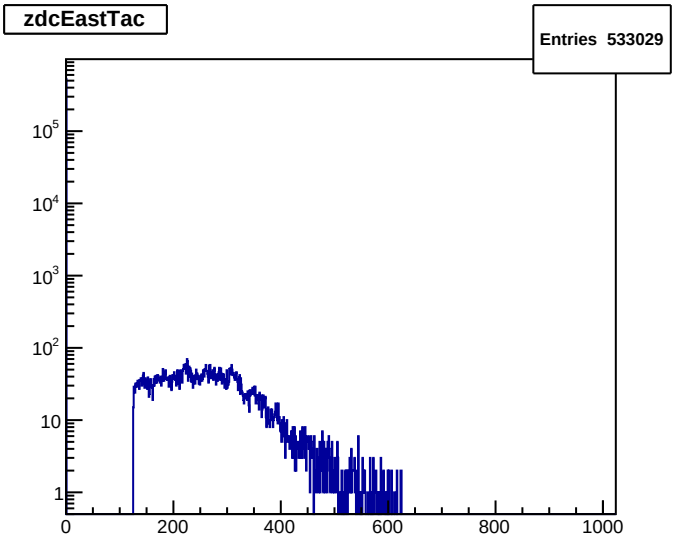

vpdEastTacMaxVsSimu
Entries 301915
Data
Simu

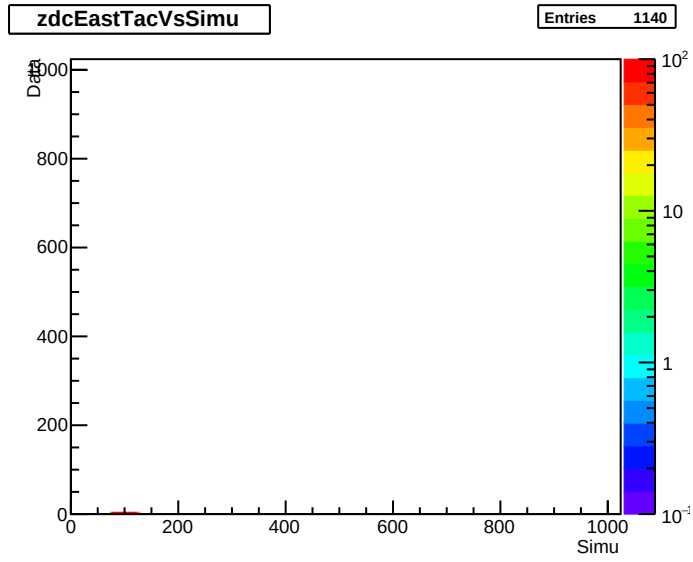

vpdWestAdcSum
Entries 533029

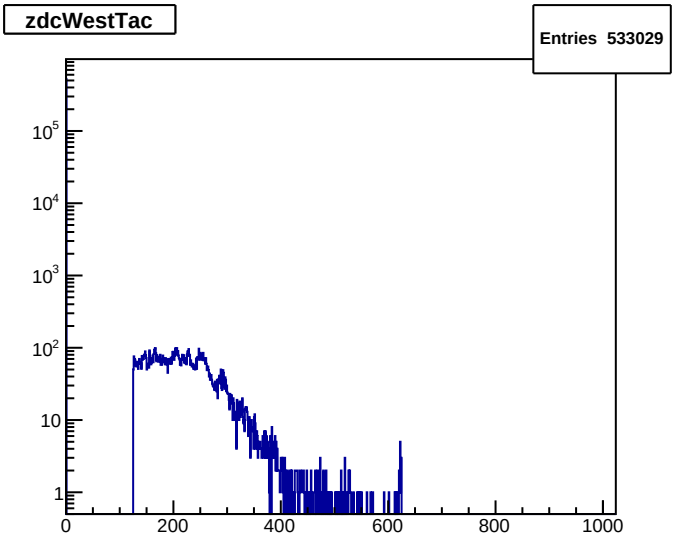

vpdWestAdcSumVsSimu
Entries 403852
Data
Simu

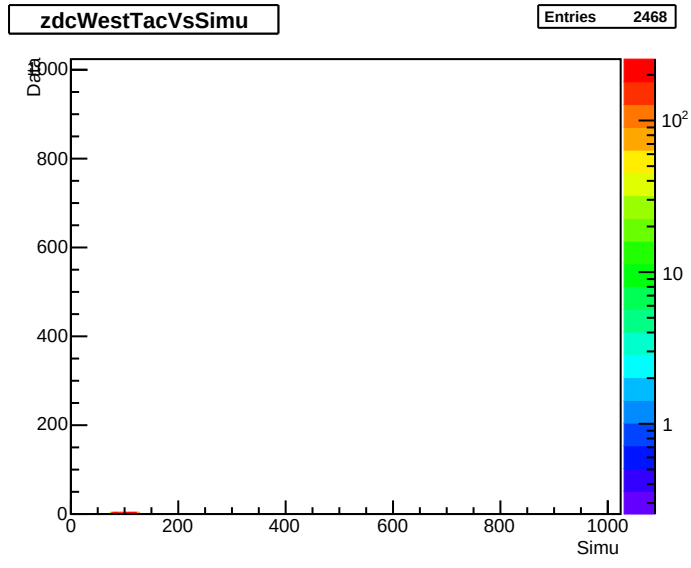

vpdWestTacMax
Entries 533029

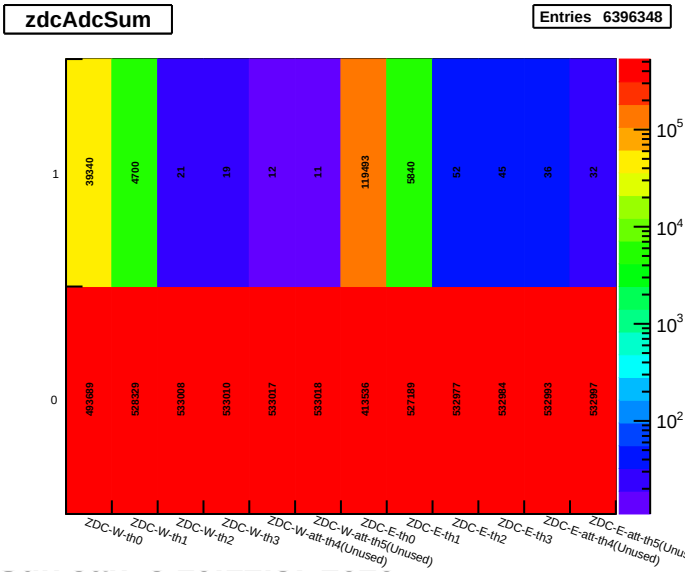

vpdWestTacMaxVsSimu
Entries 403852
Data
Simu

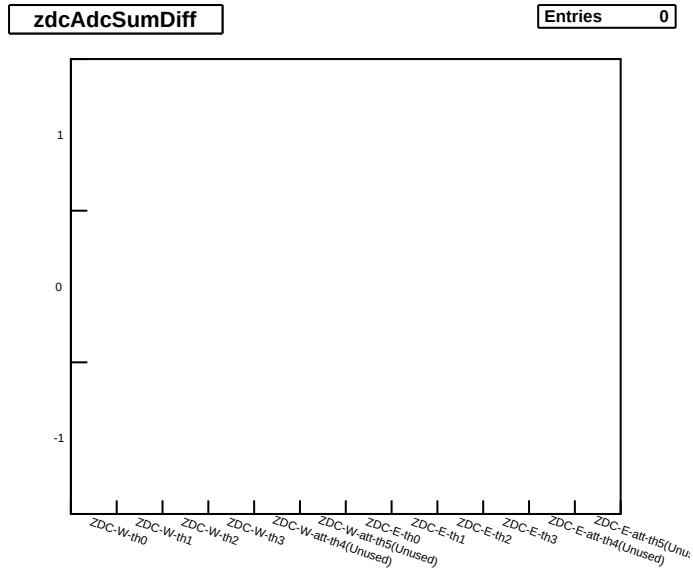

zdcEastTac
Entries 533029

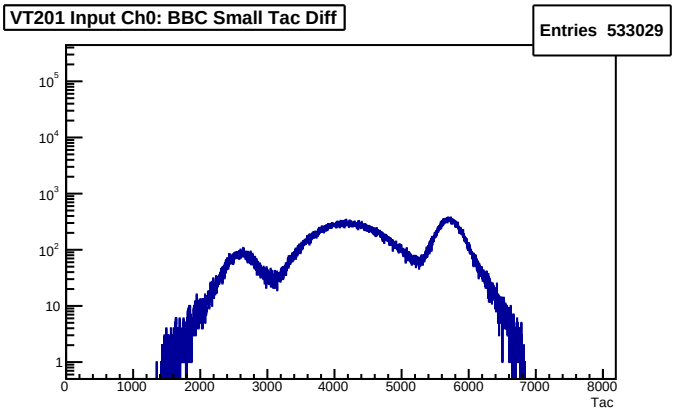

zdcEastTacVsSimu
Entries 1140
Data
Simu

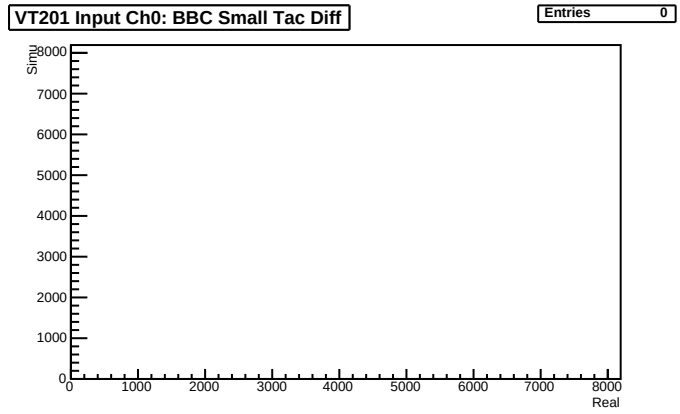

zdcWestTac
Entries 533029

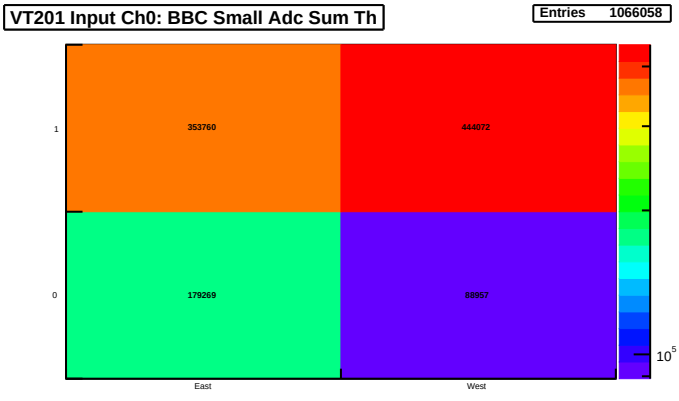

zdcWestTacVsSimu
Entries 2468
Data
Simu

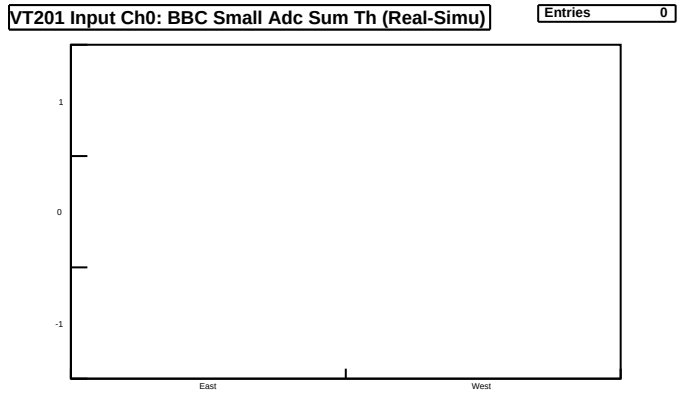

zdcAdcSum
Entries 6396348
39340
4700
21
19
12
11
119493
5840
52
45
36
32
493689
528329
533008
533010
533017
533018
413536
527189
532977
532984
532993
532997
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

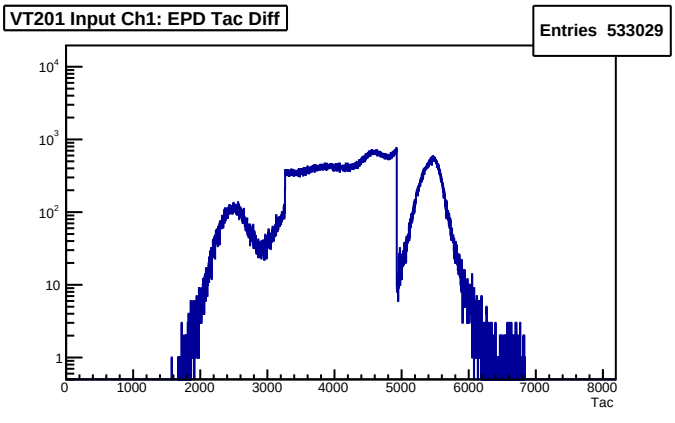

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

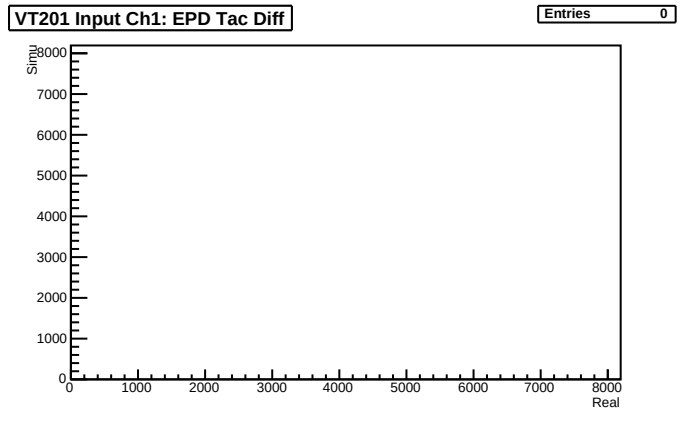

VT201 Input Ch0: BBC Small Tac Diff
Entries 533029
Tac

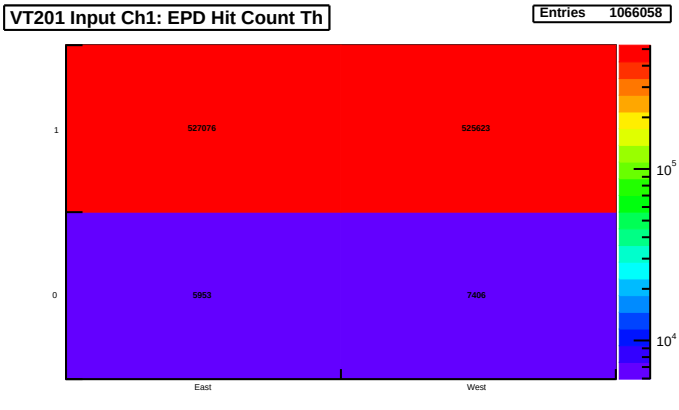

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

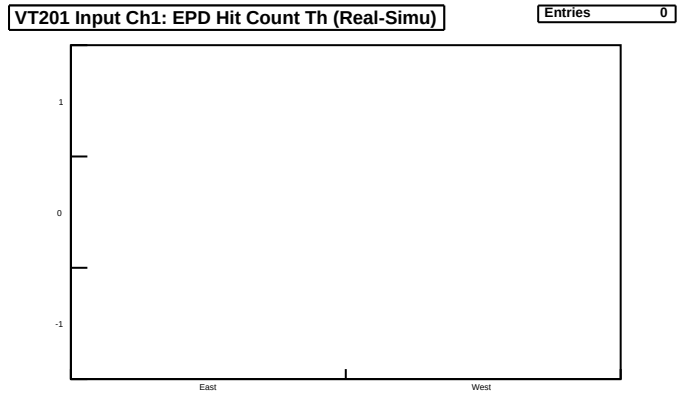

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1066058
353760
444072
179269
88957
East
West

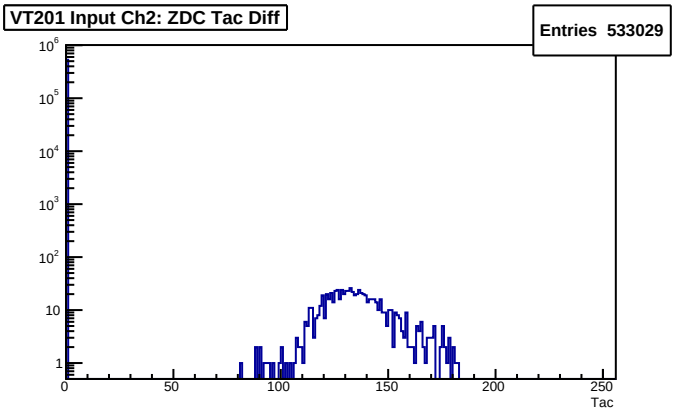

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

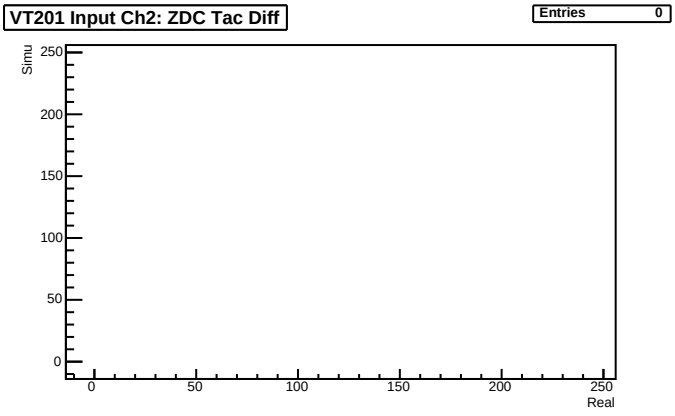

VT201 Input Ch1: EPD Tac Diff
Entries 533029
Tac

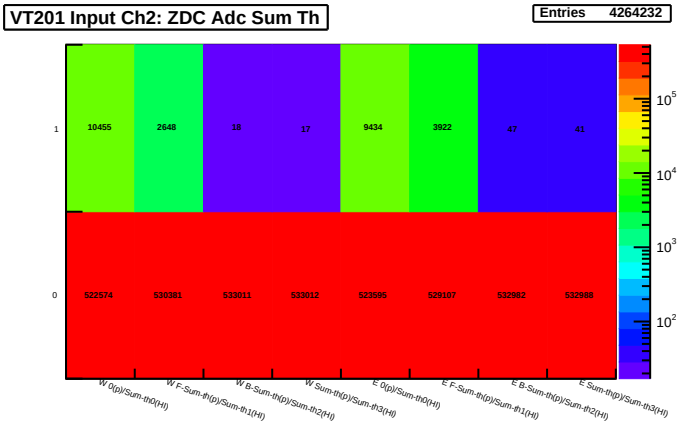

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

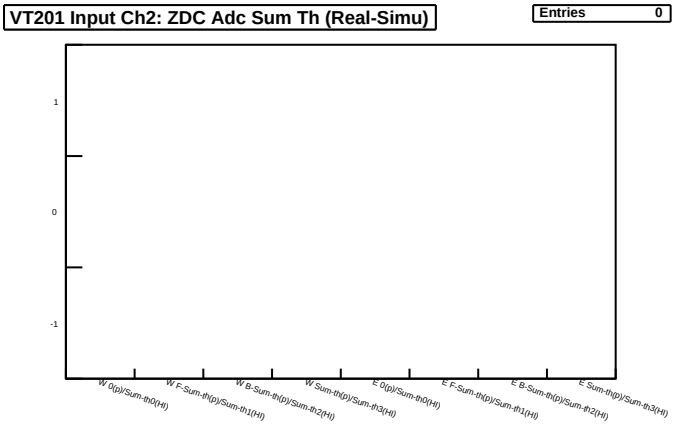

VT201 Input Ch1: EPD Hit Count Th
Entries 1066058
527076
525623
5953
7406
East
West

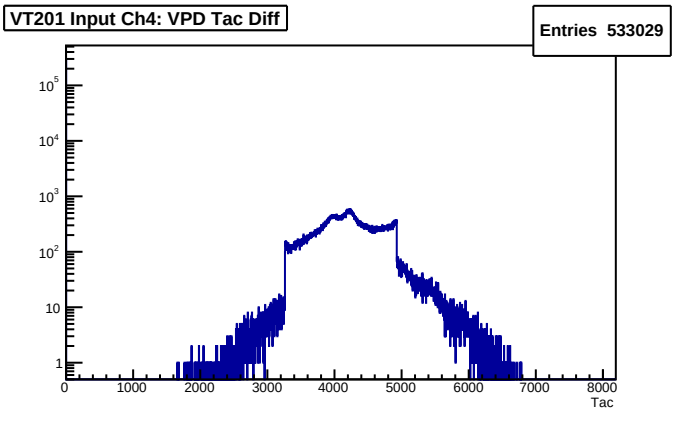

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

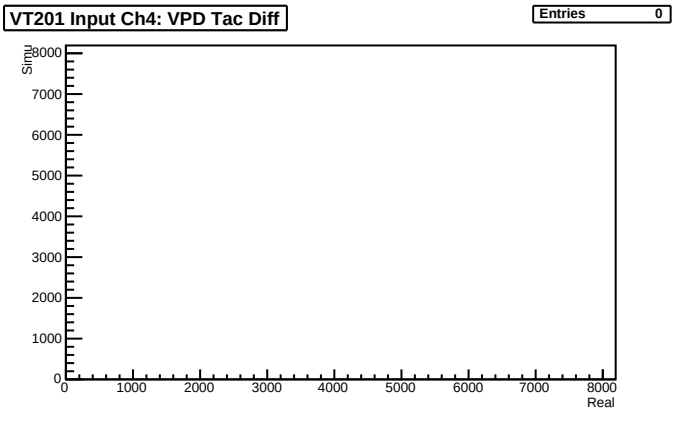

VT201 Input Ch2: ZDC Tac Diff
Entries 533029
Tac

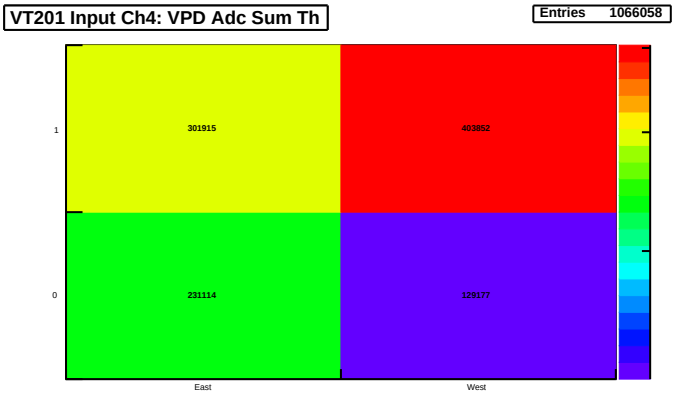

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

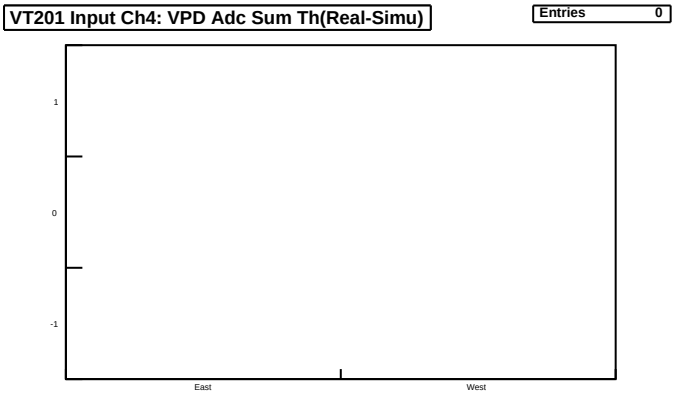

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4264232
10455
2648
18
17
9434
3922
47
41
522574
530381
533011
533012
523595
529107
532982
532988
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

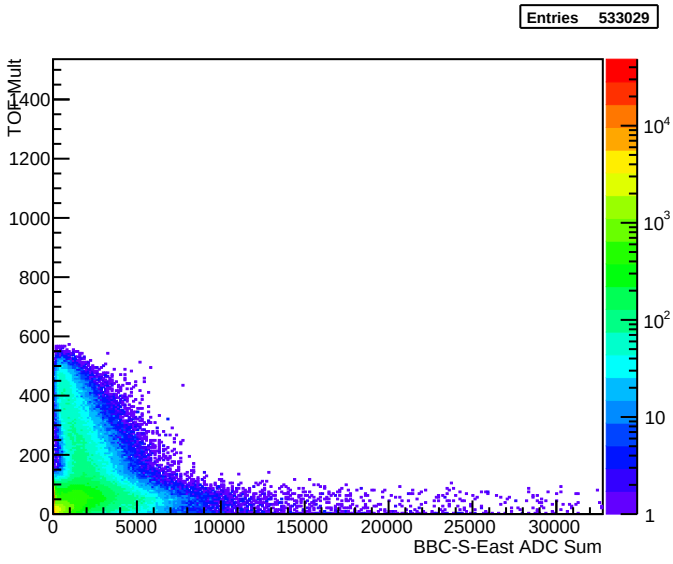

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

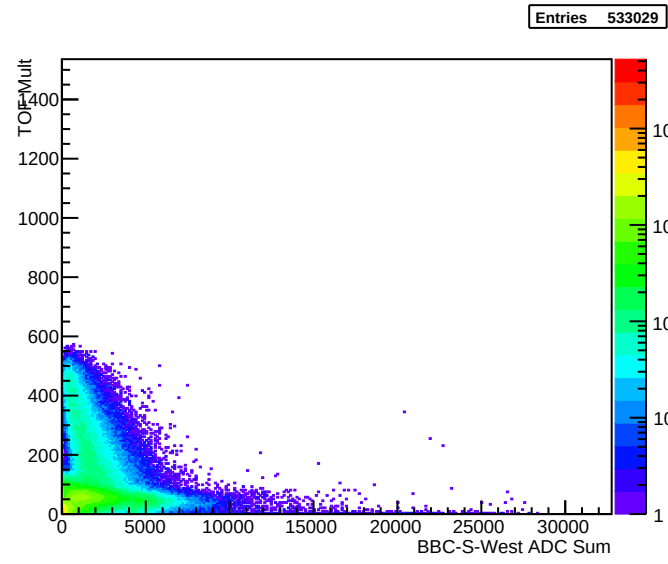

VT201 Input Ch4: VPD Tac Diff
Entries 533029
Tac

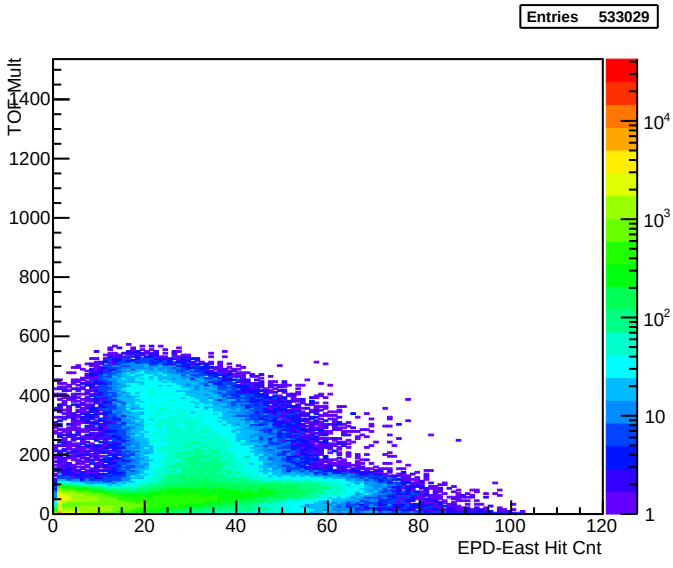

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

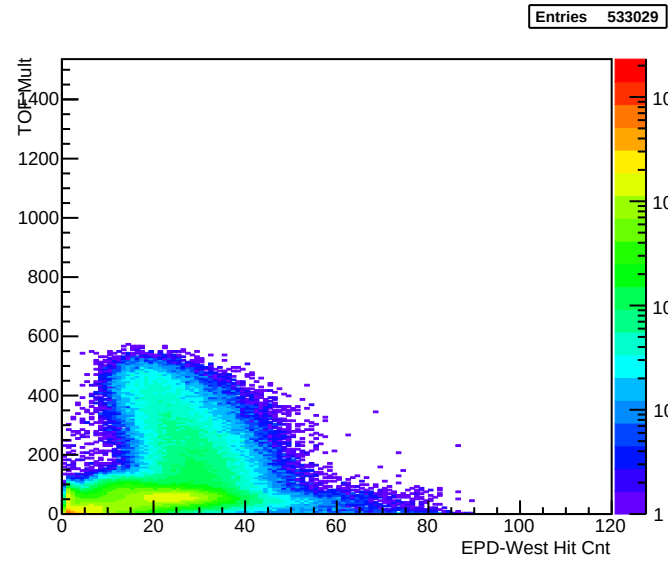

VT201 Input Ch4: VPD Adc Sum Th
Entries 1066058
301915
403852
231114
129177
East
West

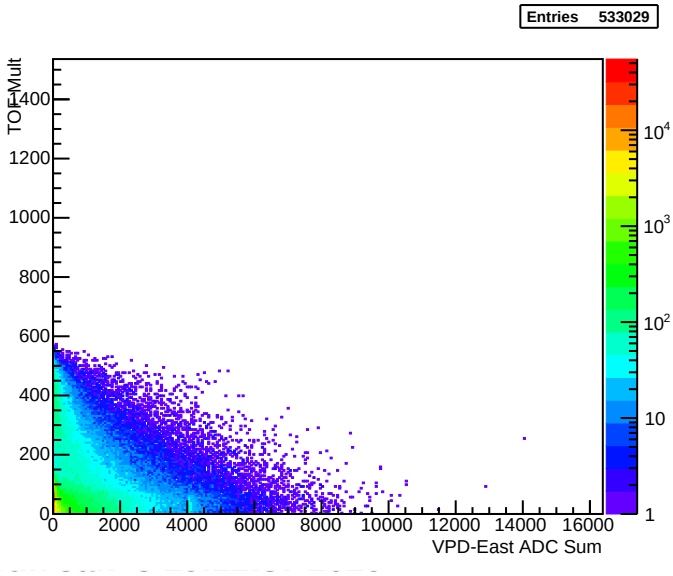

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

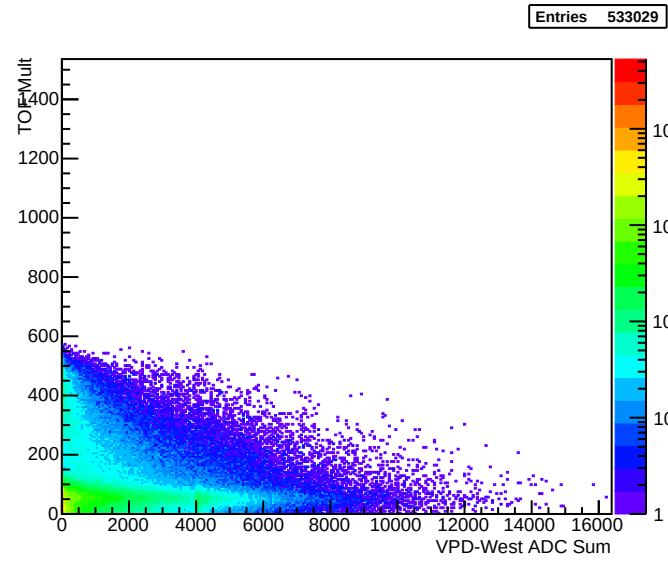

Entries 533029
TOF-Mult
BBC-S-East ADC Sum

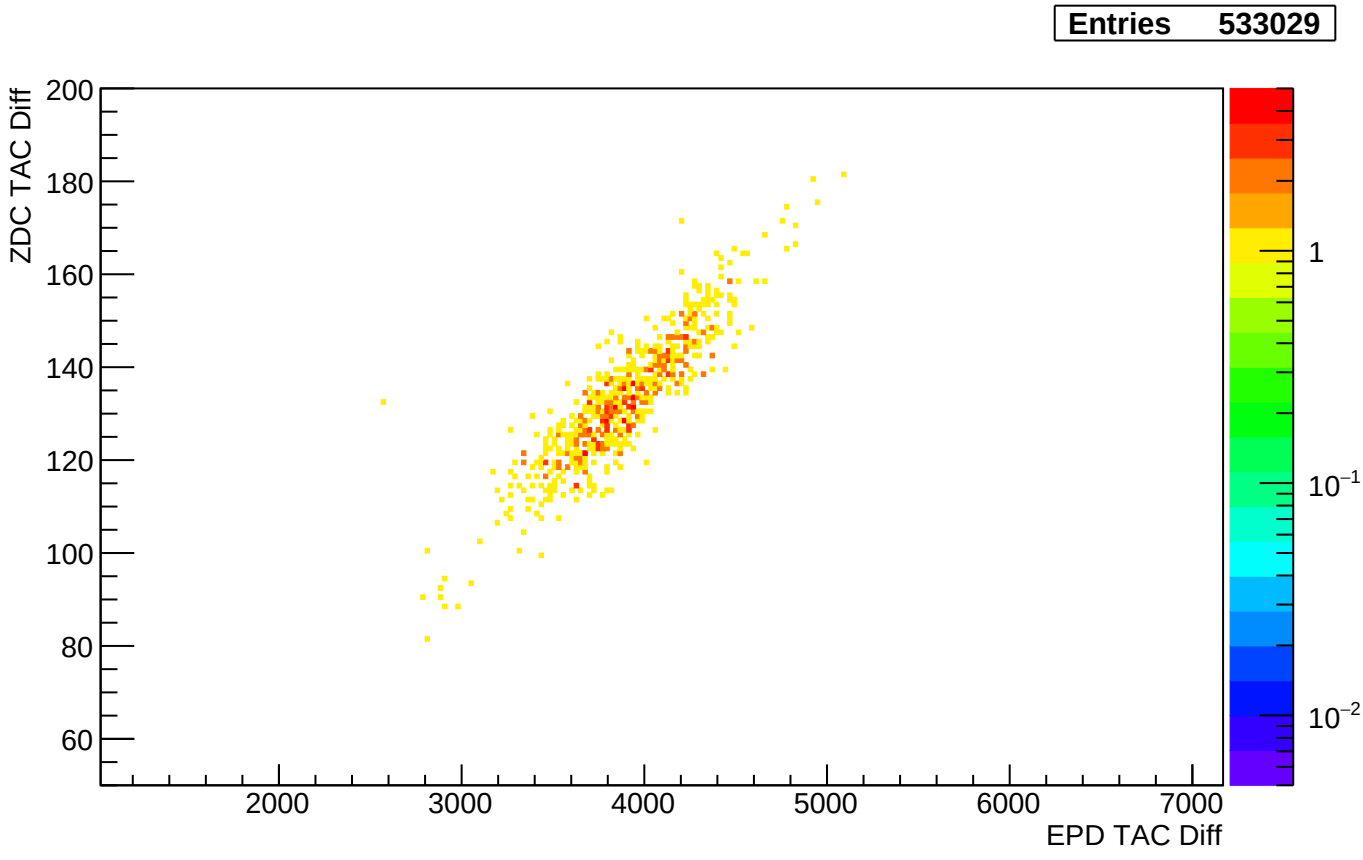

Entries 533029
TOF-Mult
BBC-S-West ADC Sum

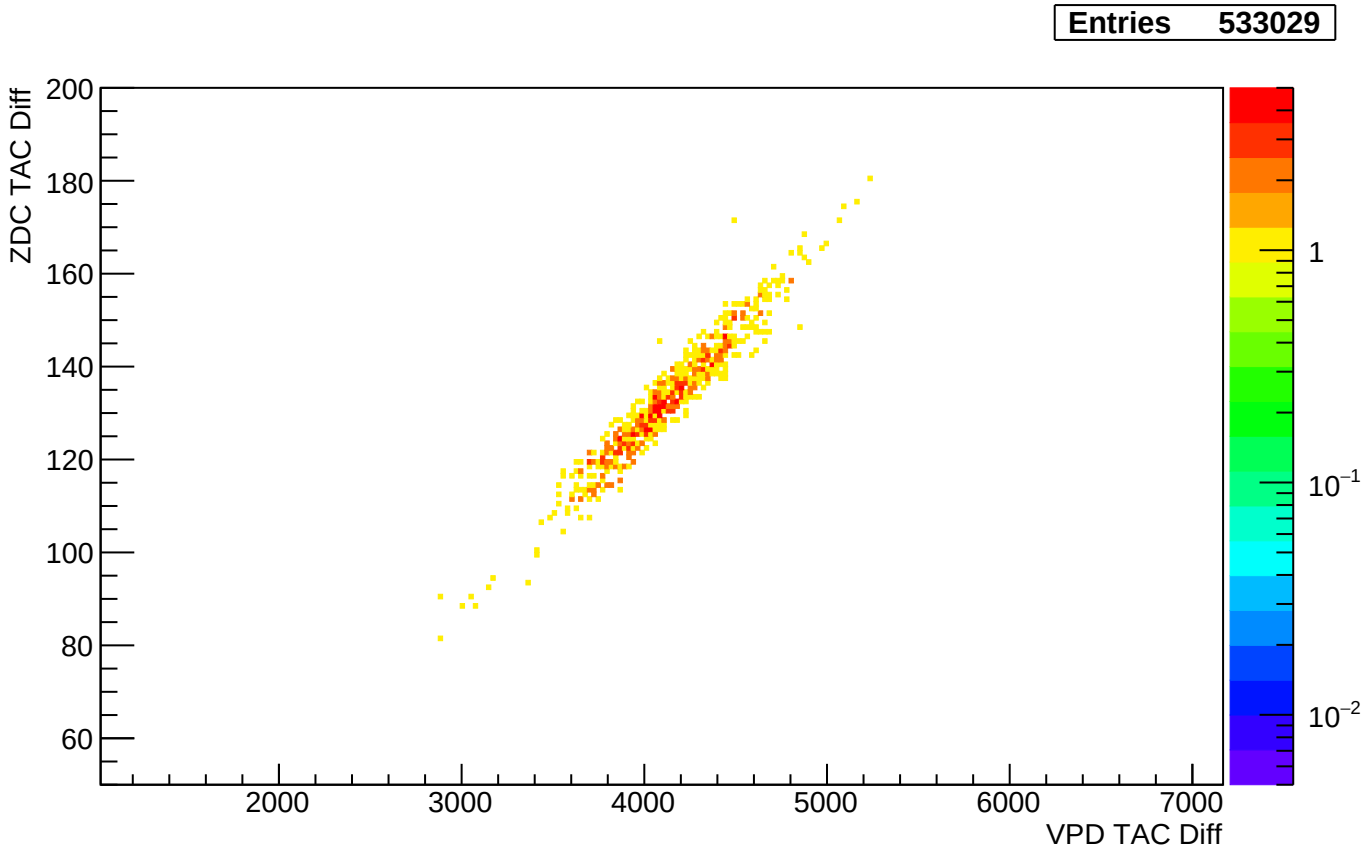

Entries 533029
TOF-Mult
EPD-East Hit Cnt

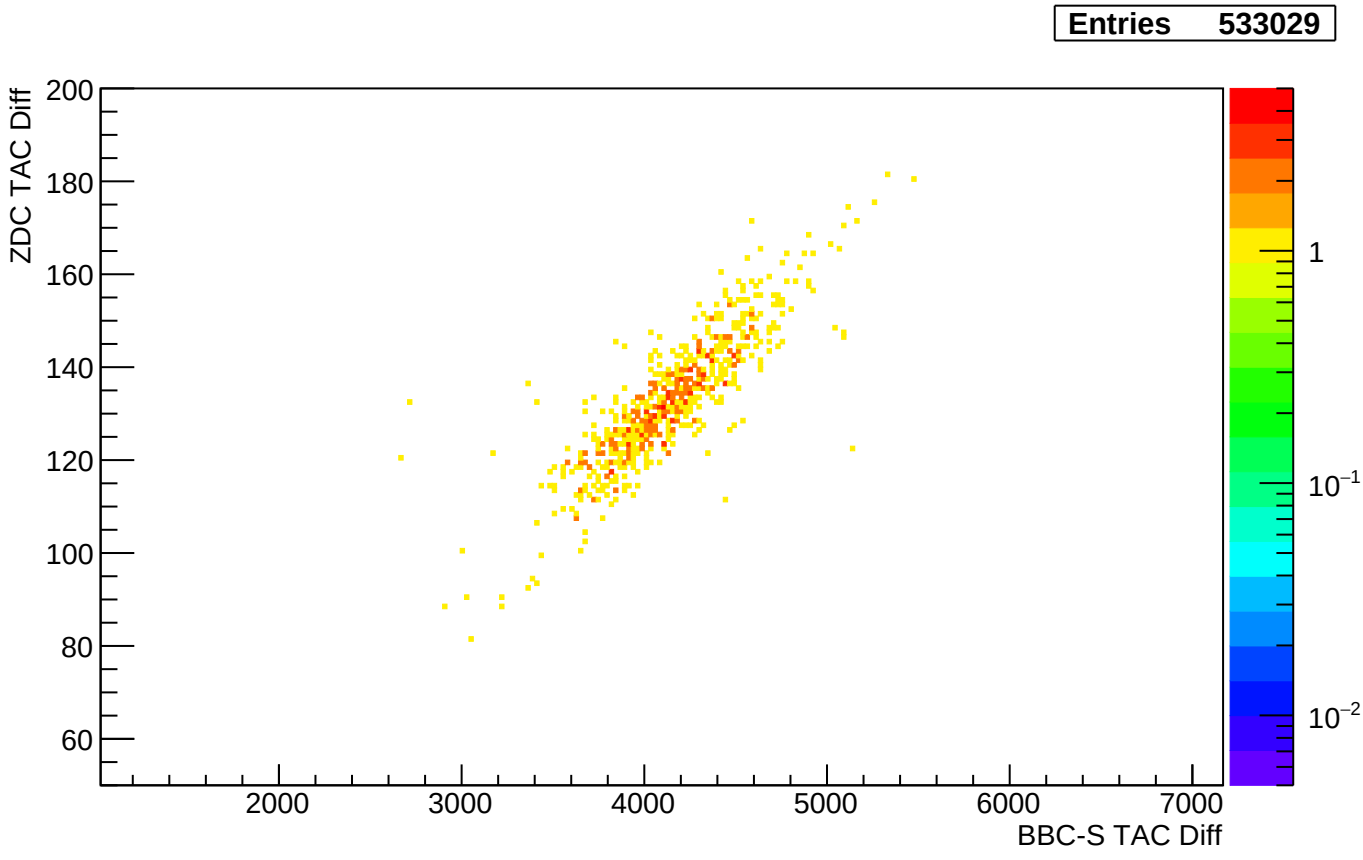

Entries 533029
TOF-Mult
EPD-West Hit Cnt

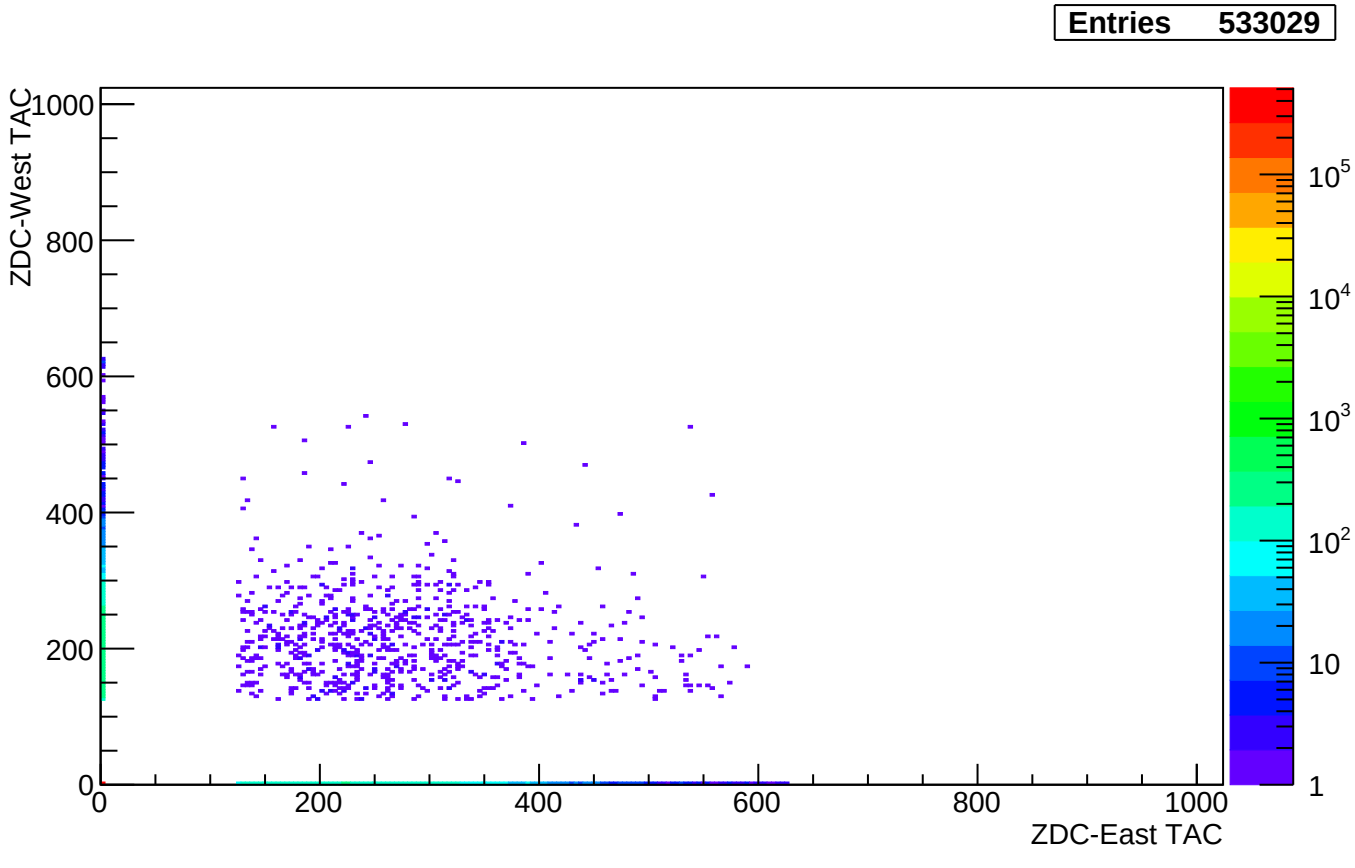

Entries 533029
TOF-Mult
VPD-East ADC Sum

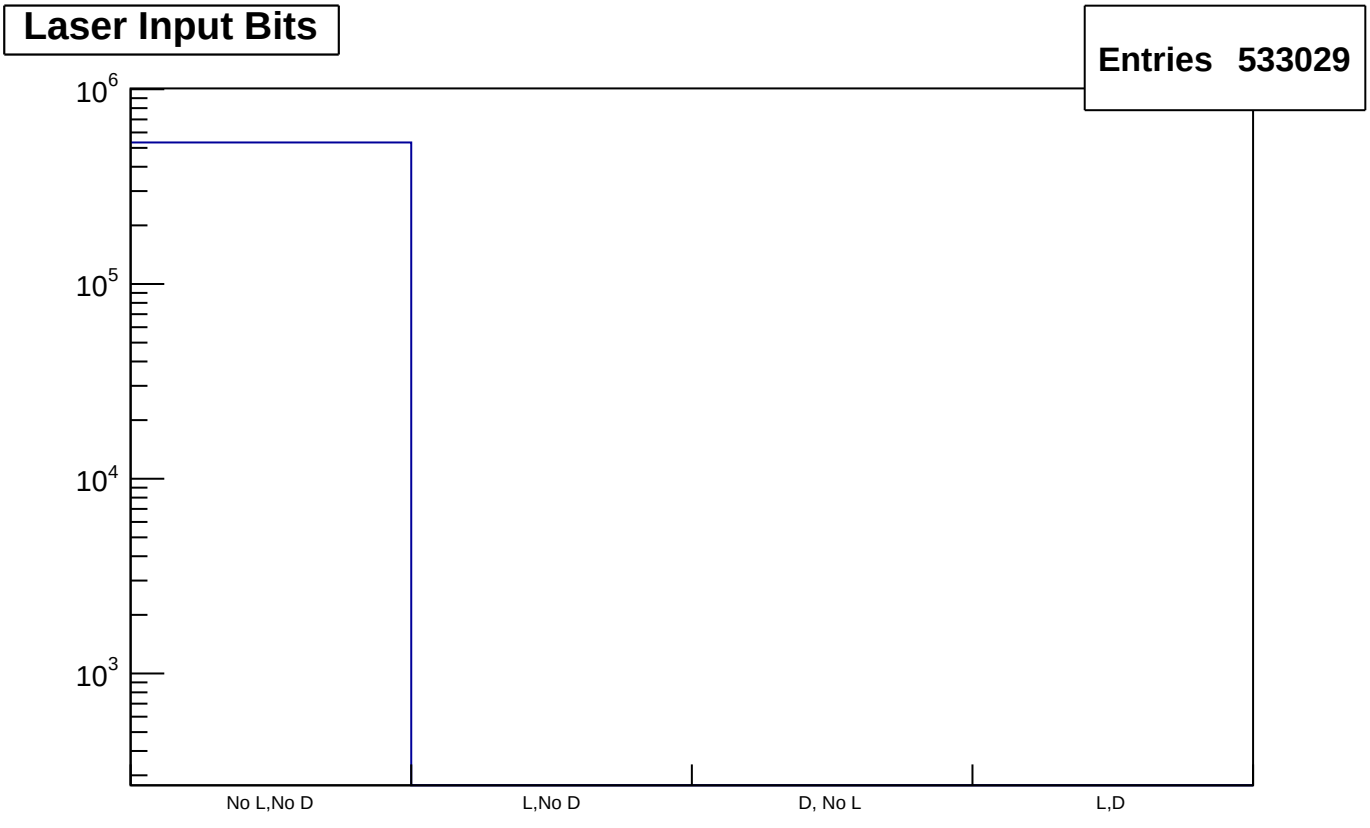

Entries 533029
TOF-Mult
VPD-West ADC Sum

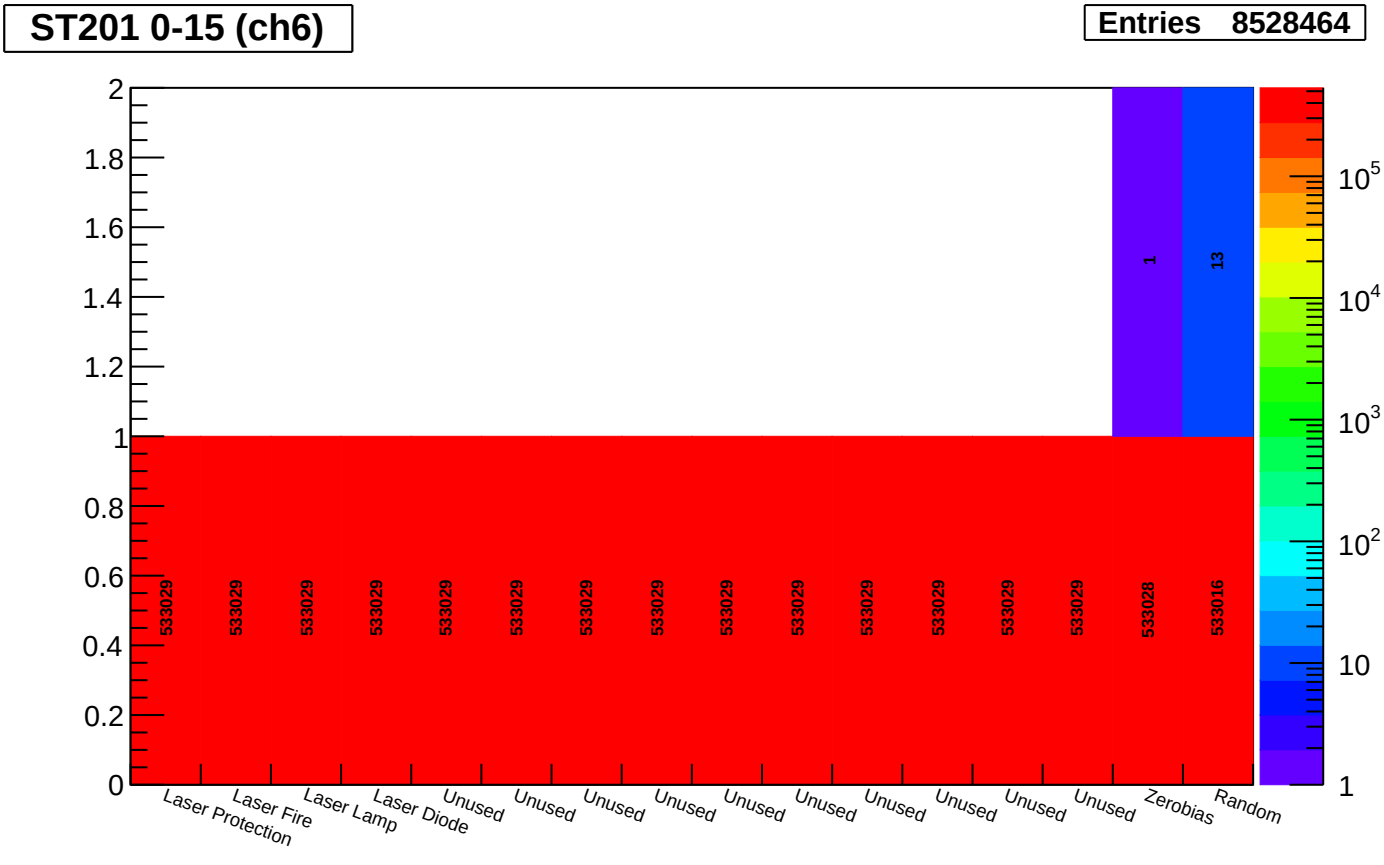

Entries 533029
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

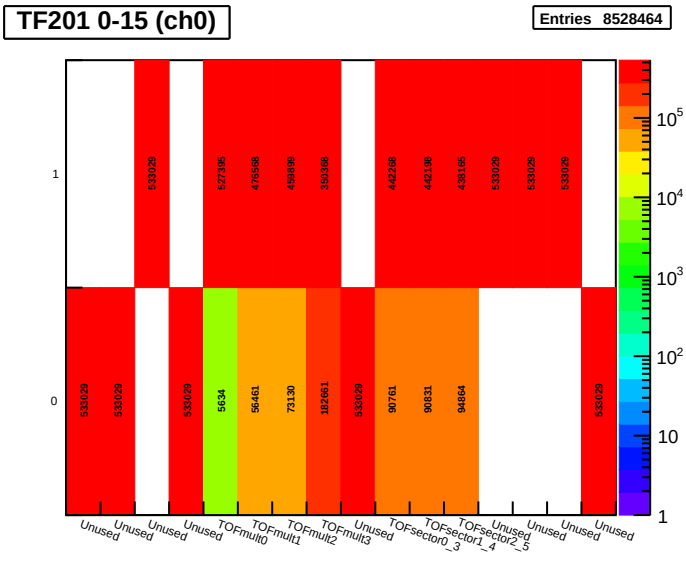

Entries 533029
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

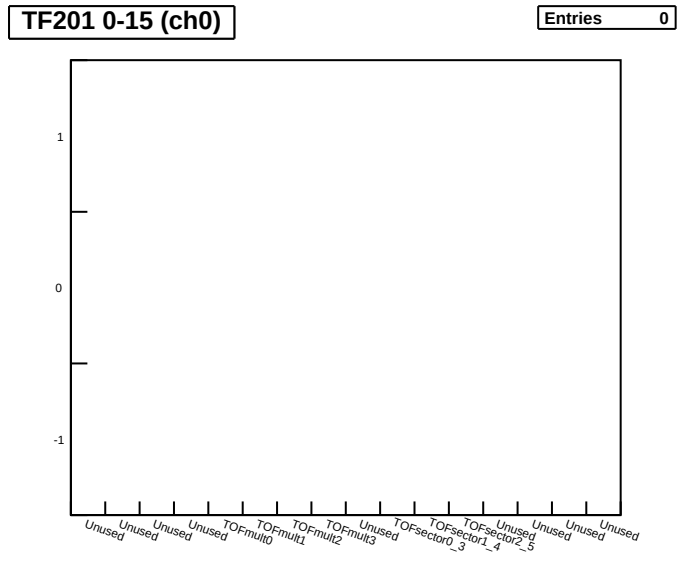

Entries 533029
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

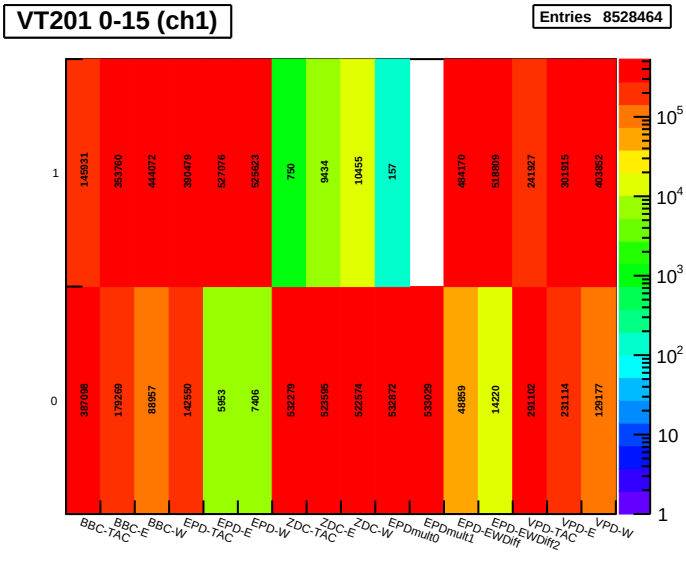

Entries 533029
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

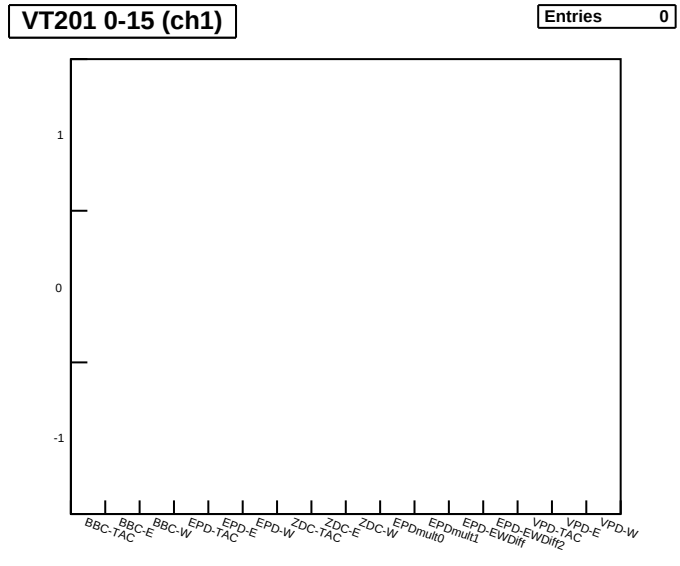

Laser Input Bits
Entries 533029
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

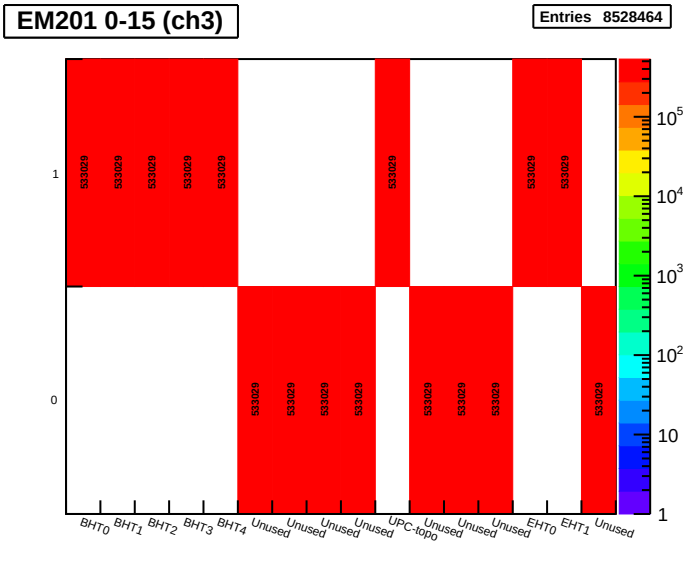

ST201 0-15 (ch6)
Entries 8528464
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533028
533016
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

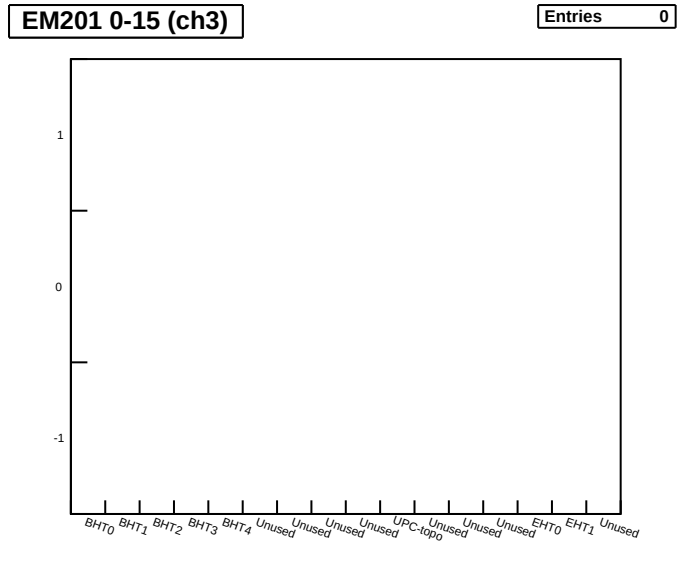

TF201 0-15 (ch0)
Entries 8528464
1
0
533029
527395
476568
459899
350368
442268
442198
438165
533029
533029
533029
533029
533029
533029
5634
56461
73130
182661
533029
90761
90831
94864
533029
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8528464
1
0
145931
353760
444072
390479
527076
525623
750
9434
10455
157
484170
518809
241927
301915
403852
387098
179269
88957
142550
5953
7406
532279
523595
522574
532872
533029
48659
14220
291102
231114
129177
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 8528464
1
0
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
533029
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