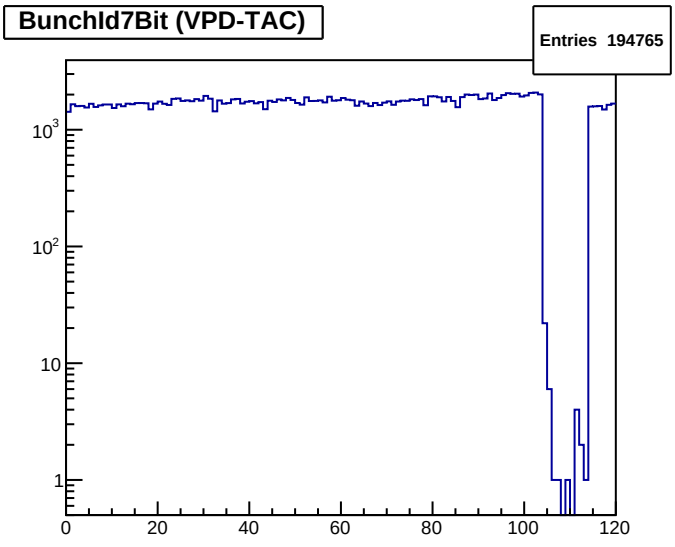
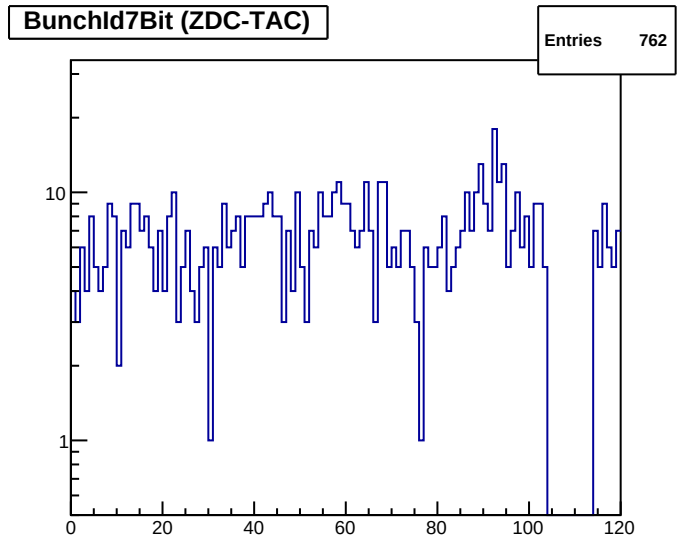
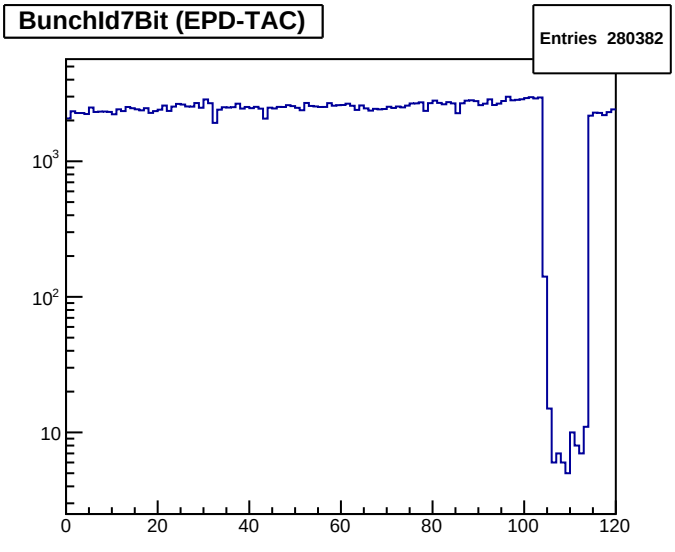
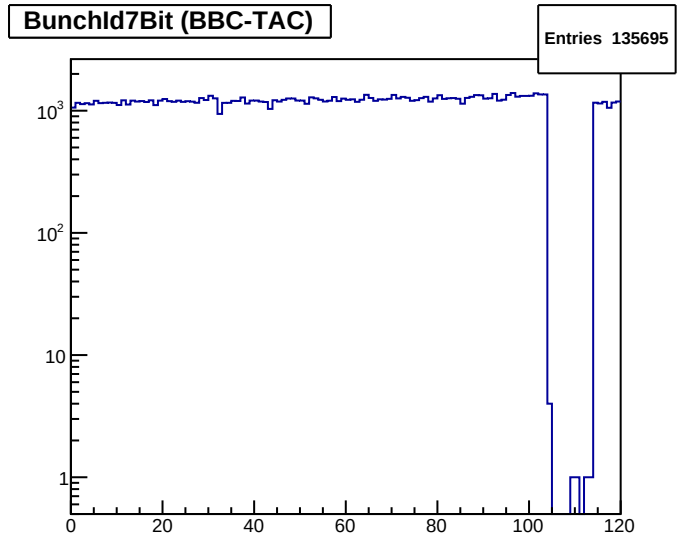
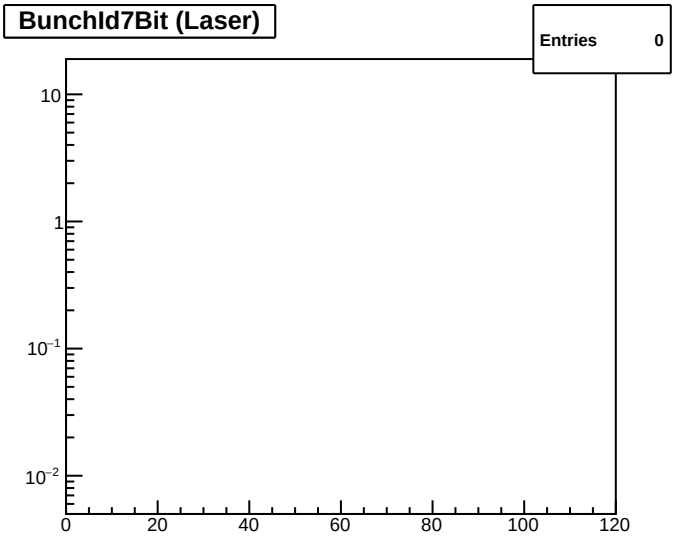
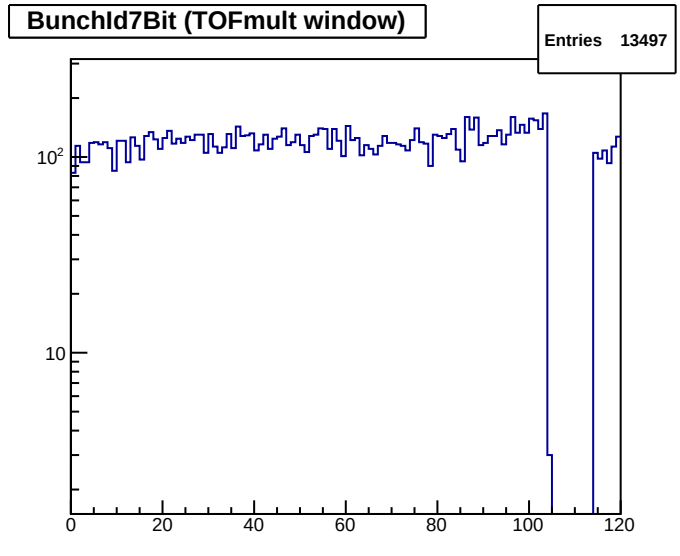

BunchId7Bit (VPD-TAC)
Entries 194765

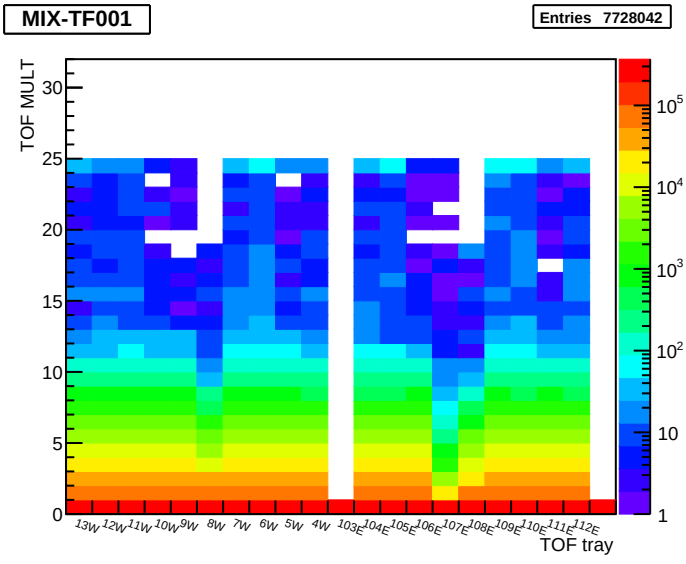

BunchId7Bit (ZDC-TAC)
Entries 762

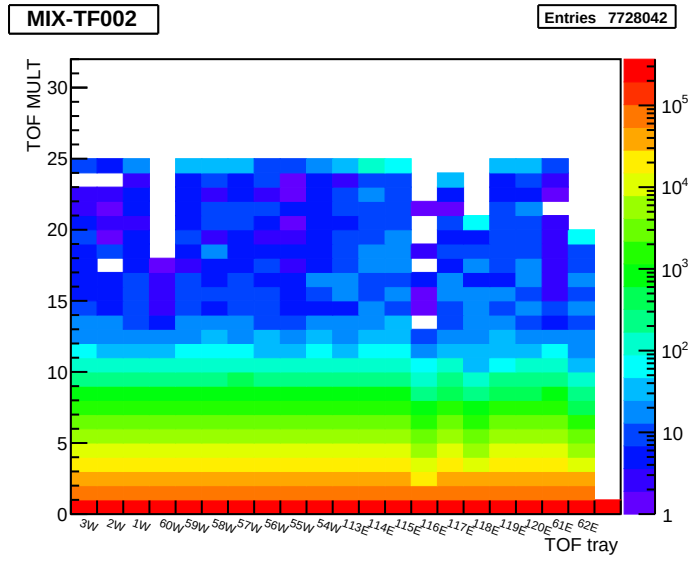

BunchId7Bit (EPD-TAC)
Entries 280382

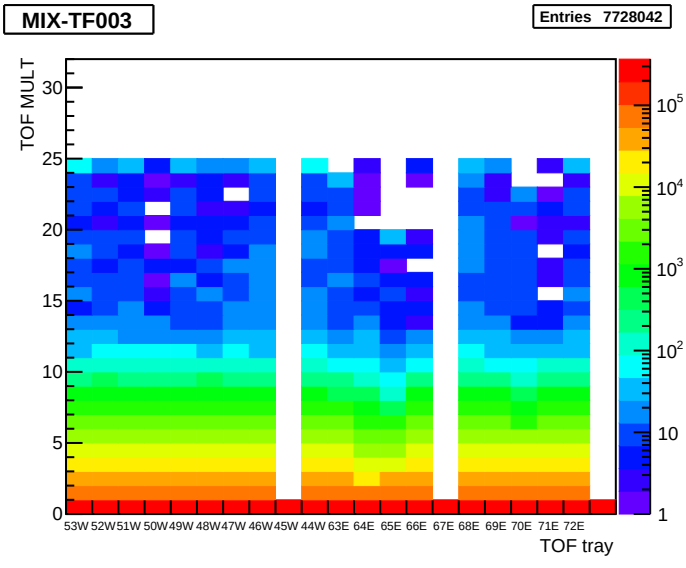

BunchId7Bit (BBC-TAC)
Entries 135695

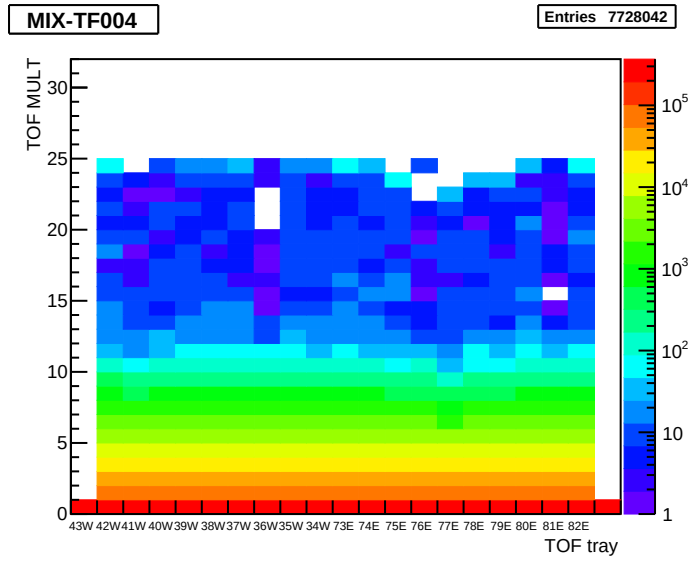

BunchId7Bit (Laser)
Entries 0

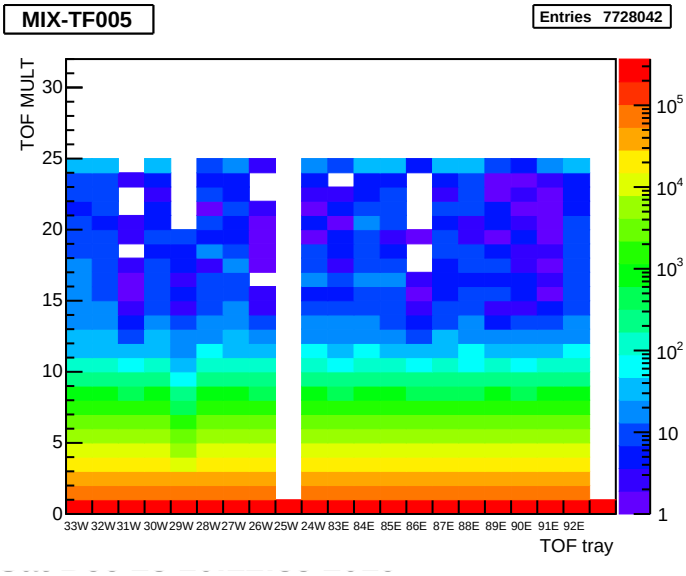

BunchId7Bit (TOFmult window)
Entries 13497

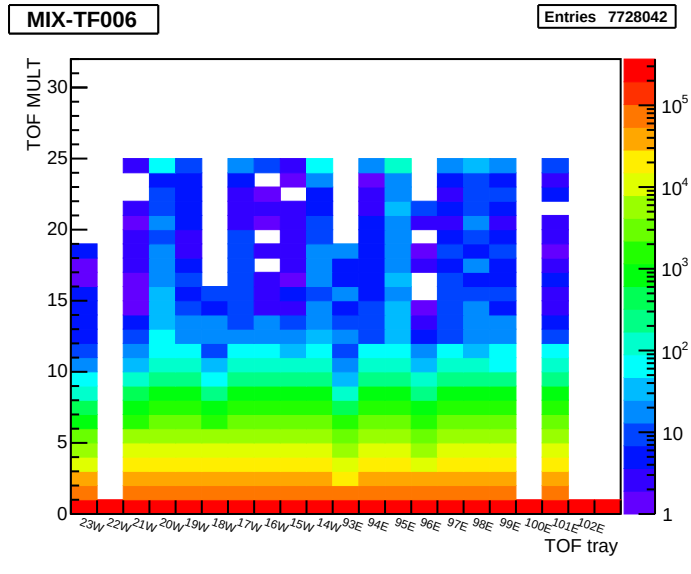

MIX-TF001
Entries 7728042
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

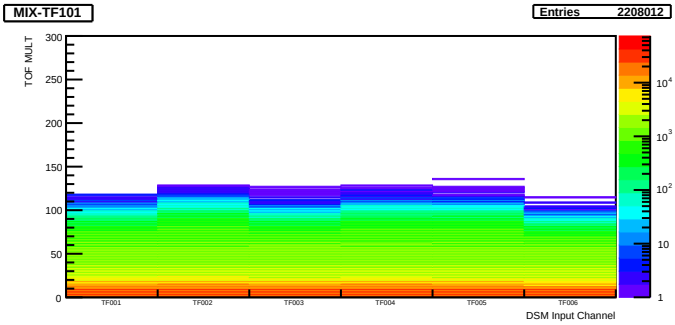

MIX-TF002
Entries 7728042
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

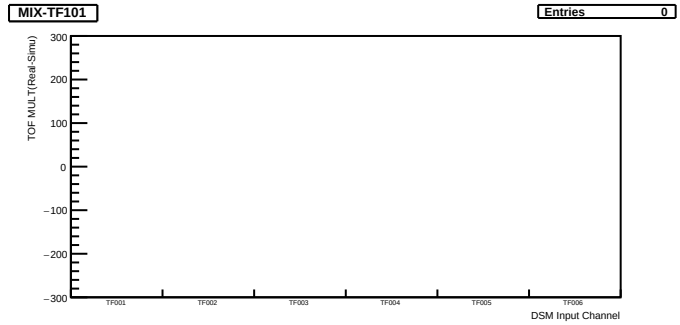

MIX-TF003
Entries 7728042
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

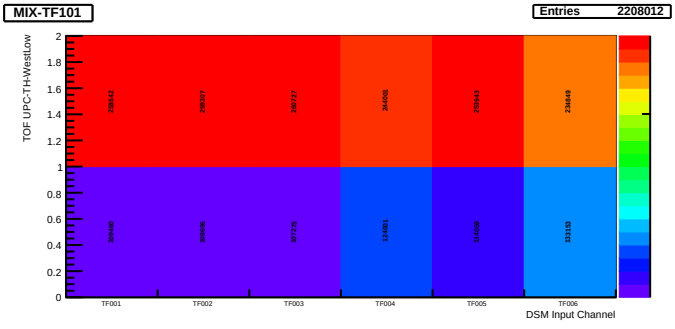

MIX-TF004
Entries 7728042
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

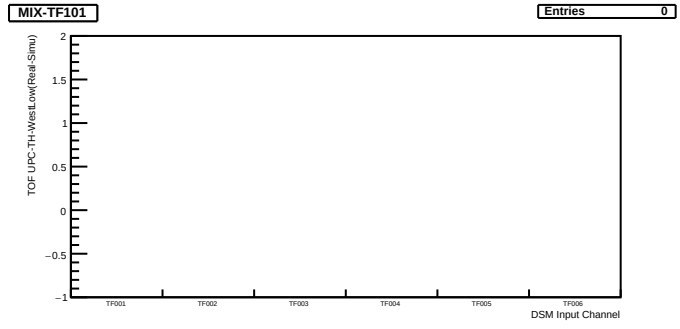

MIX-TF005
Entries 7728042
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

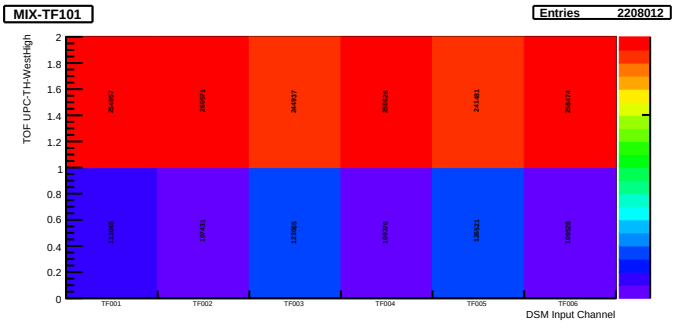

MIX-TF006
Entries 7728042
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

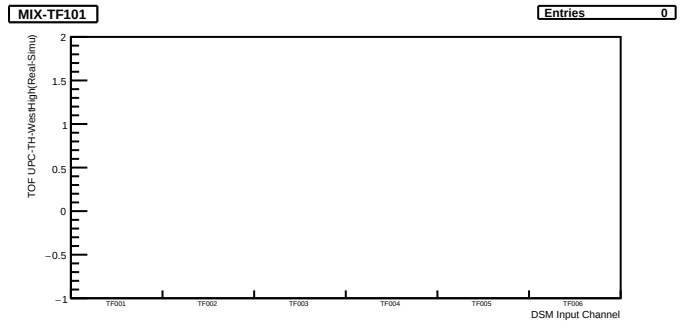

MIX-TF101
Entries 2208012
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

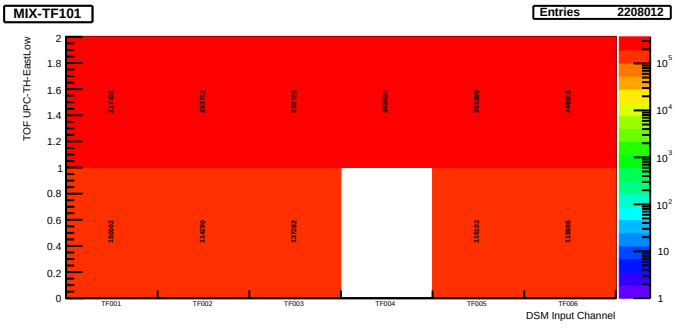

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

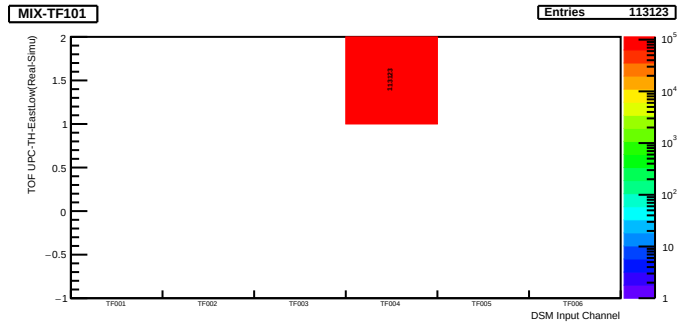

MIX-TF101
Entries 2208012
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

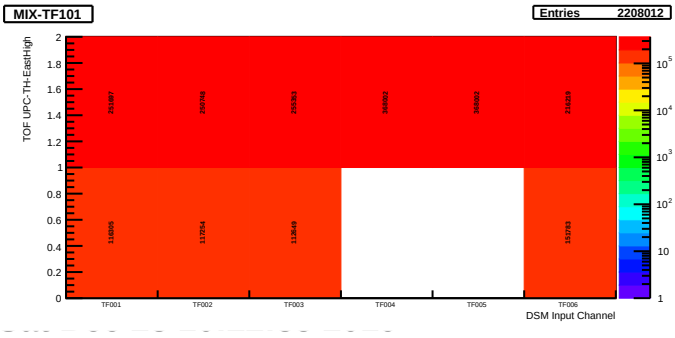

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

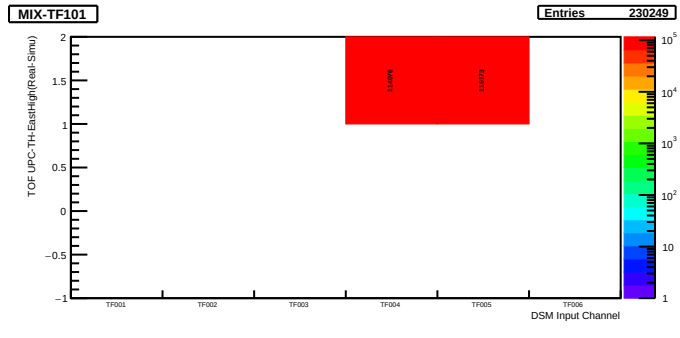

MIX-TF101
Entries 2208012
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

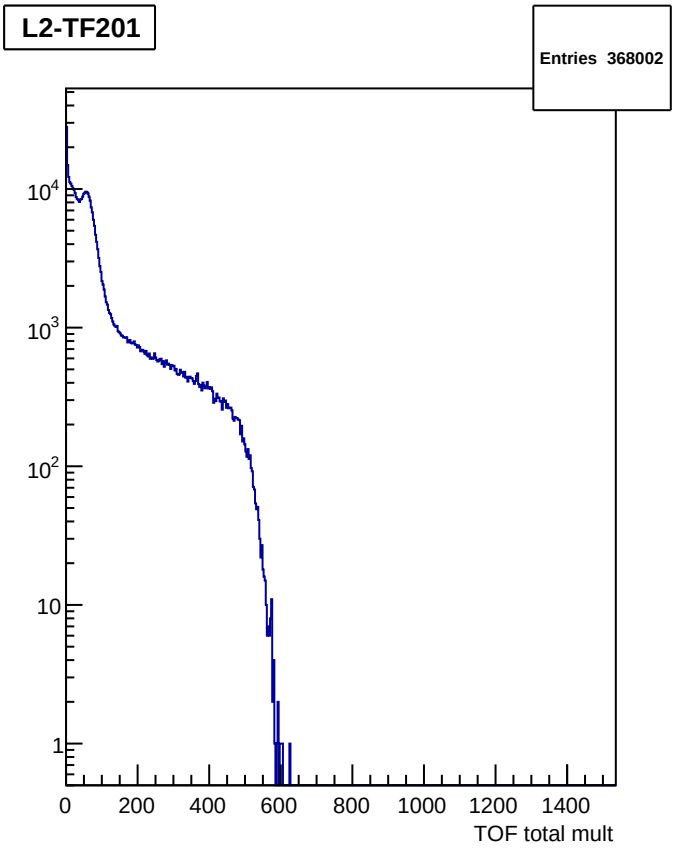

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

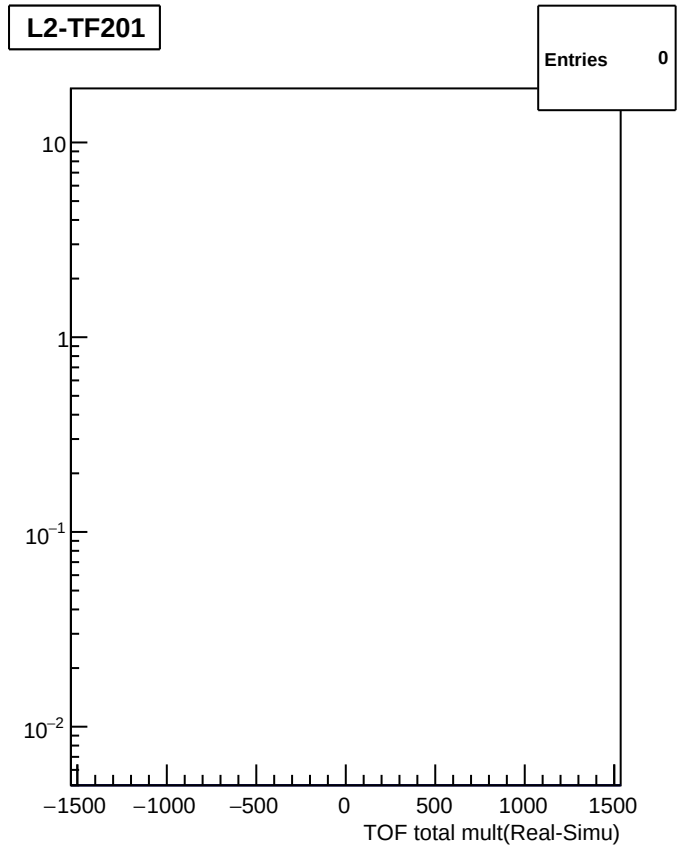

MIX-TF101
Entries 2208012
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

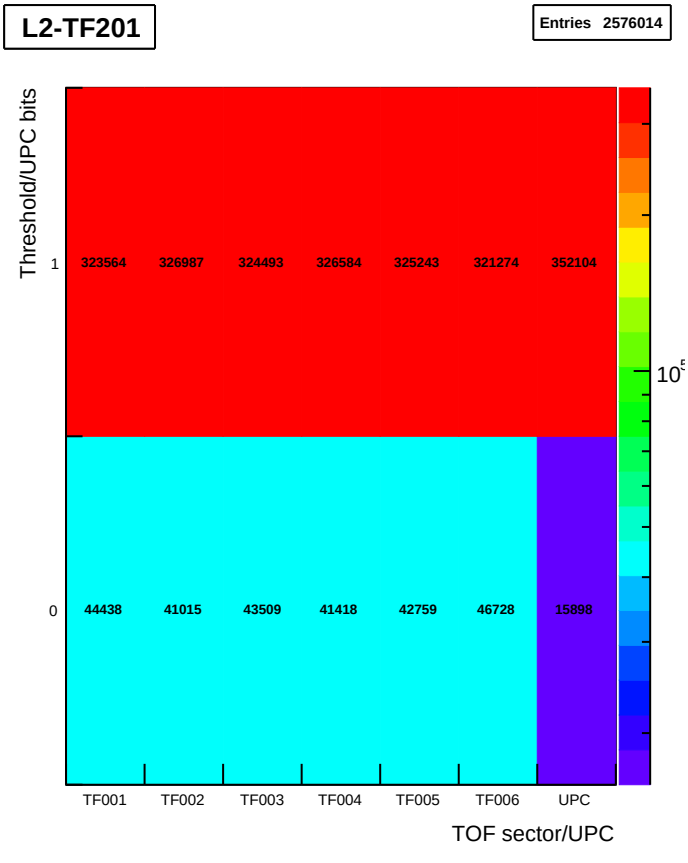

MIX-TF101
Entries 113123
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

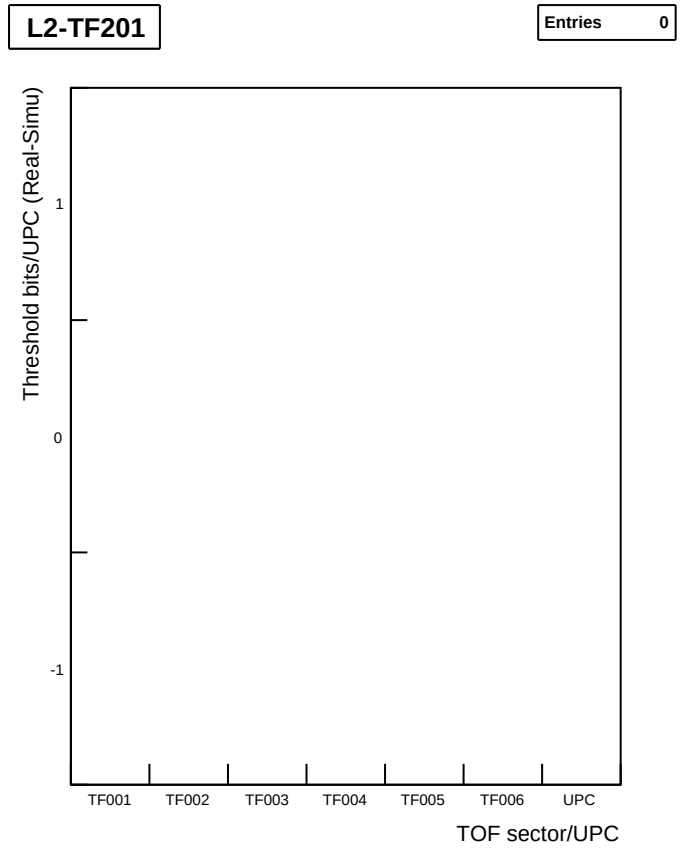

MIX-TF101
Entries 2208012
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

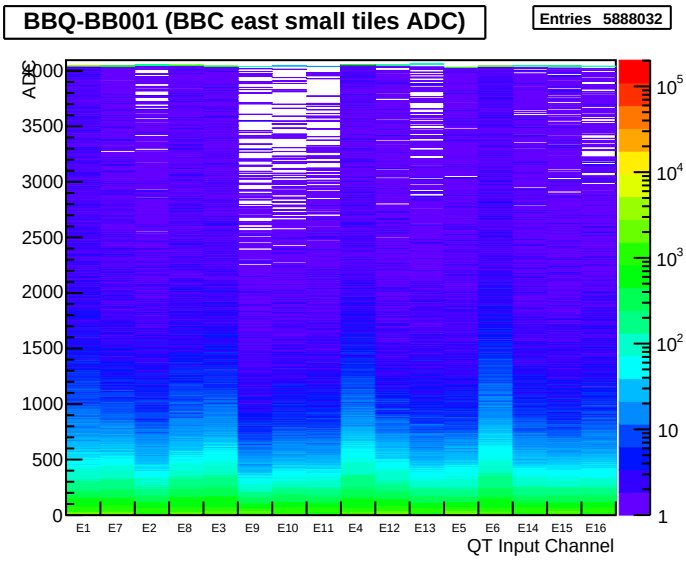

MIX-TF101
Entries 230249
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

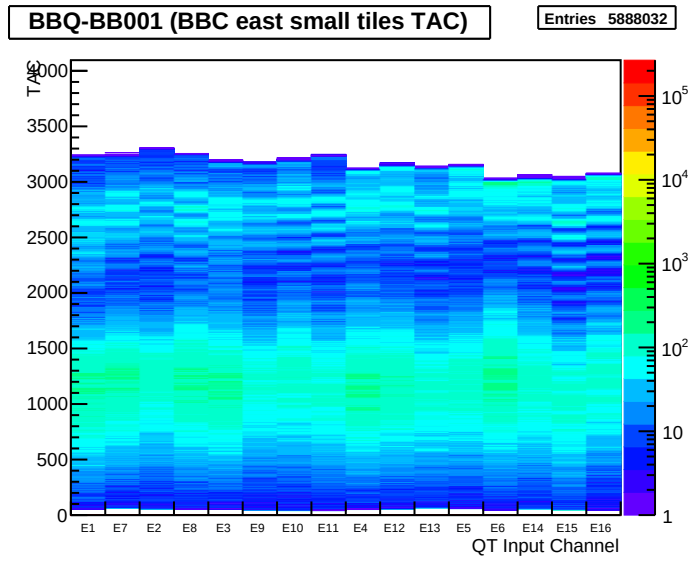

L2-TF201
Entries 368002
TOF total mult

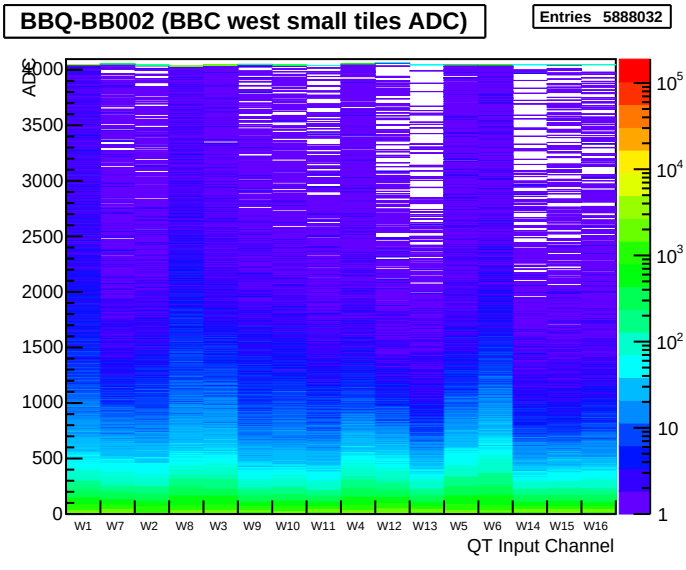

L2-TF201
Entries 0
TOF total mult(Real-Simu)

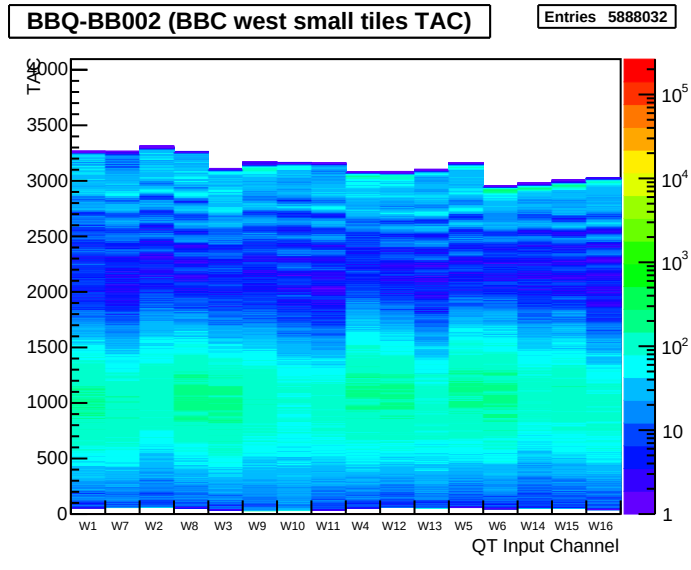

L2-TF201
Entries 2576014
Threshold/UPC bits
323564 326987 324493 326584 325243 321274 352104
44438 41015 43509 41418 42759 46728 15898
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

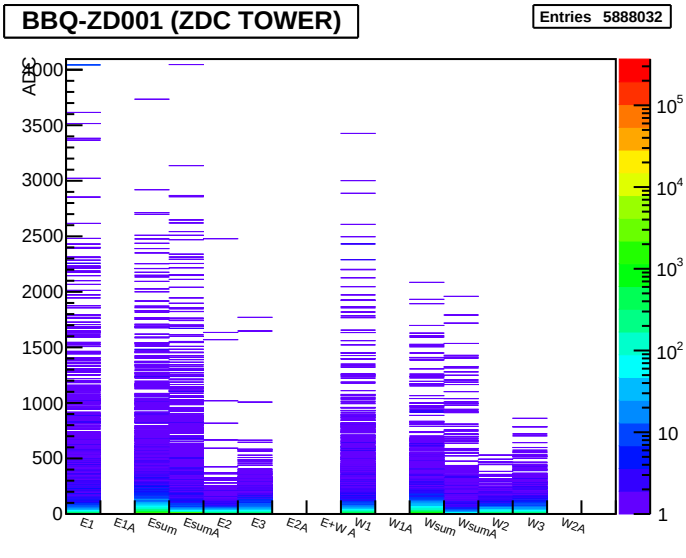

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

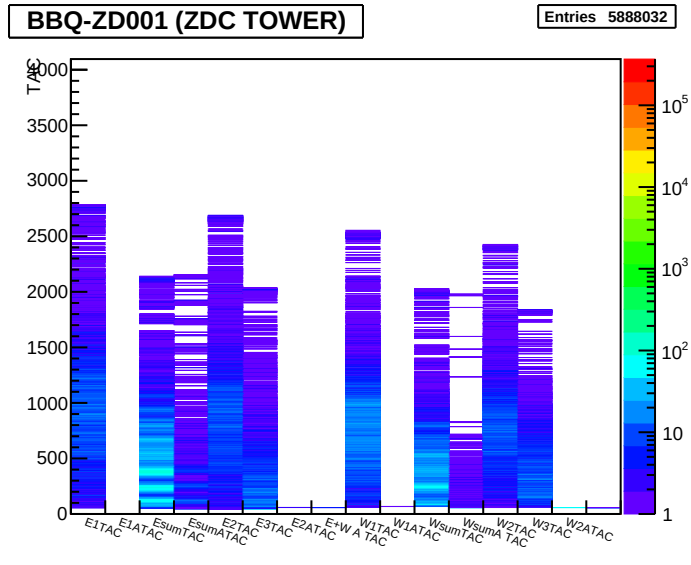

BBQ-BB001 (BBC east small tiles ADC)
Entries 5888032
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

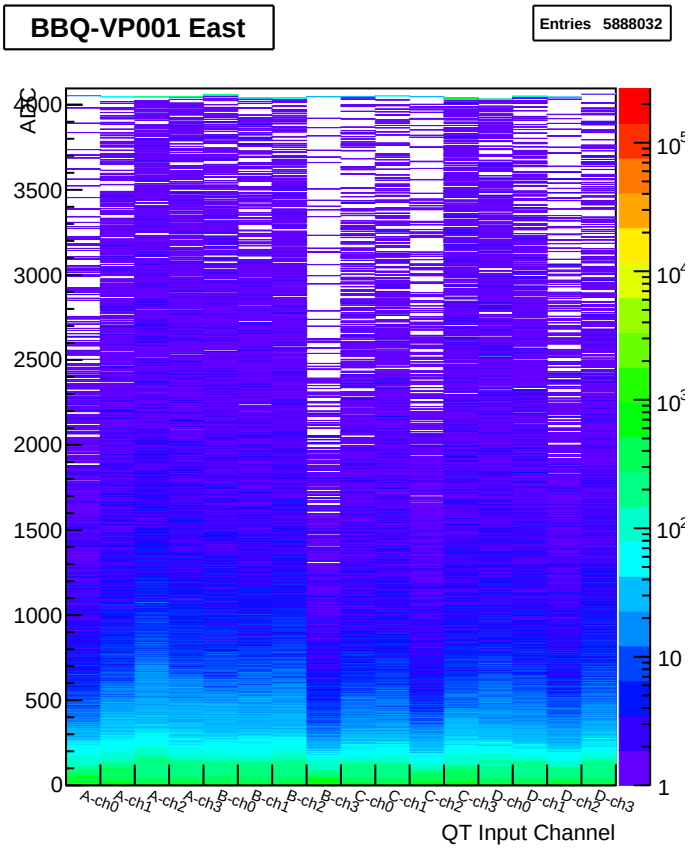

BBQ-BB001 (BBC east small tiles TAC)
Entries 5888032
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

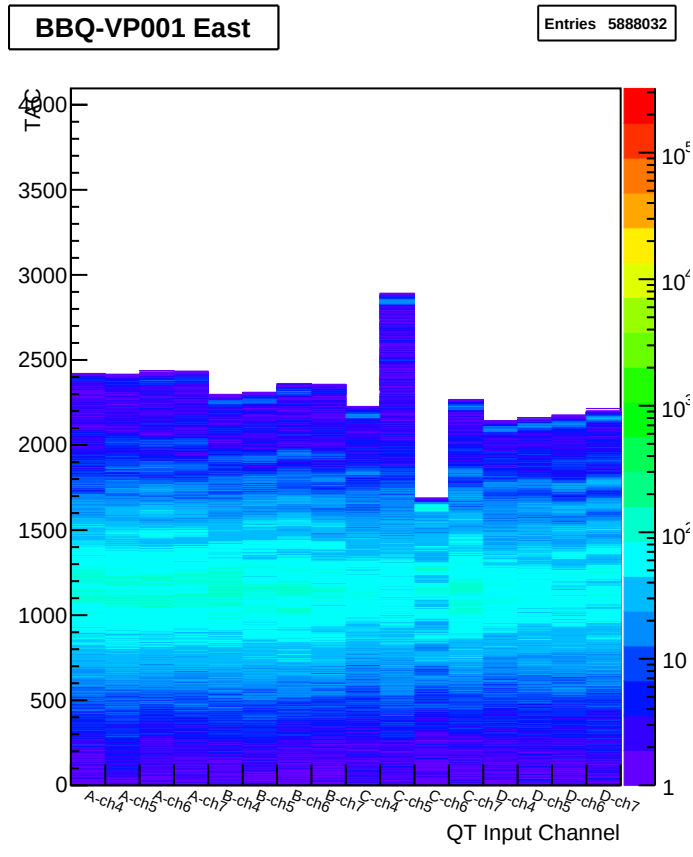

BBQ-BB002 (BBC west small tiles ADC)
Entries 5888032
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

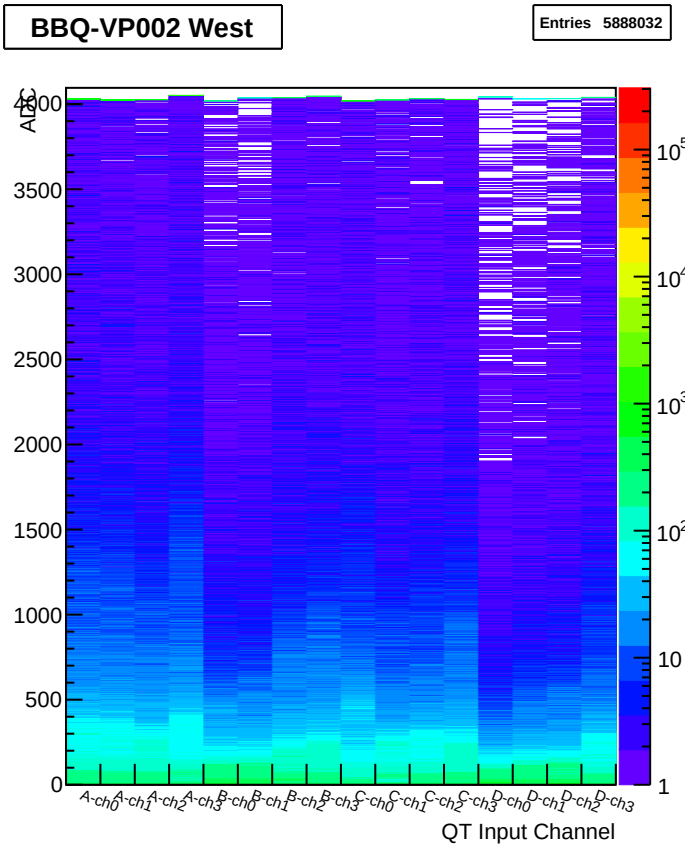

BBQ-BB002 (BBC west small tiles TAC)
Entries 5888032
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

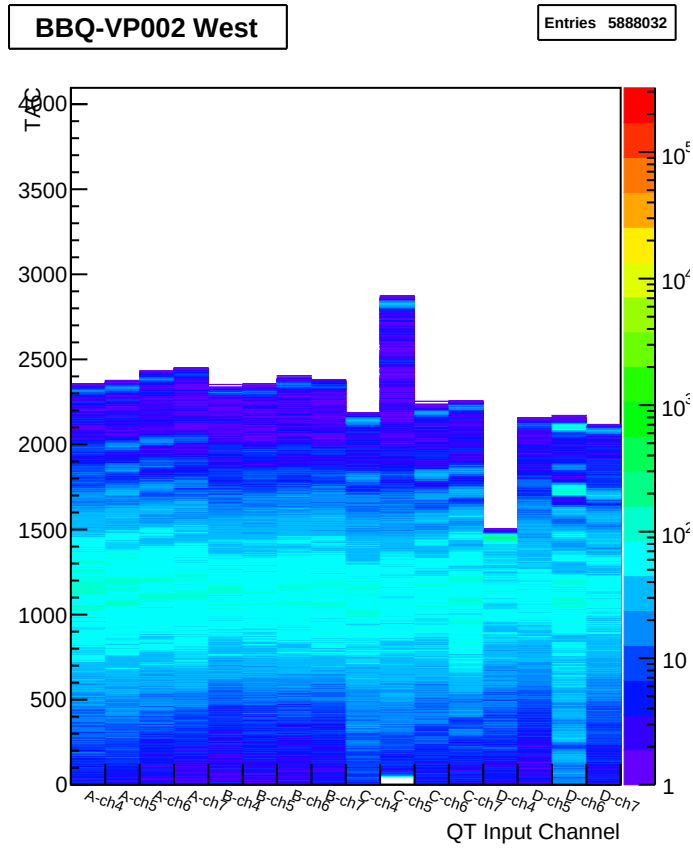

BBQ-ZD001 (ZDC TOWER)
Entries 5888032
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

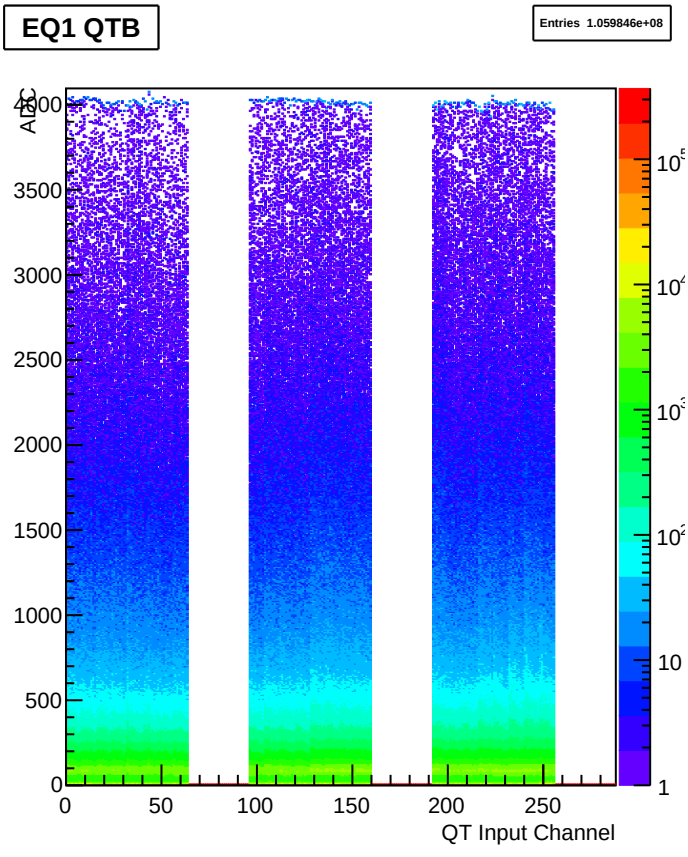

BBQ-ZD001 (ZDC TOWER)
Entries 5888032
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

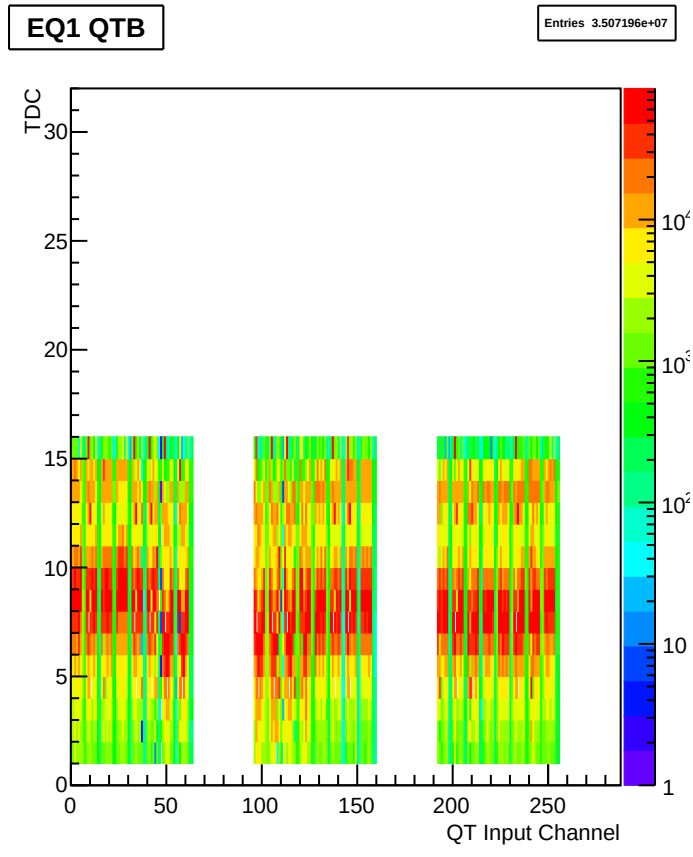

BBQ-VP001 East
Entries 5888032
ADC
QT Input Channel

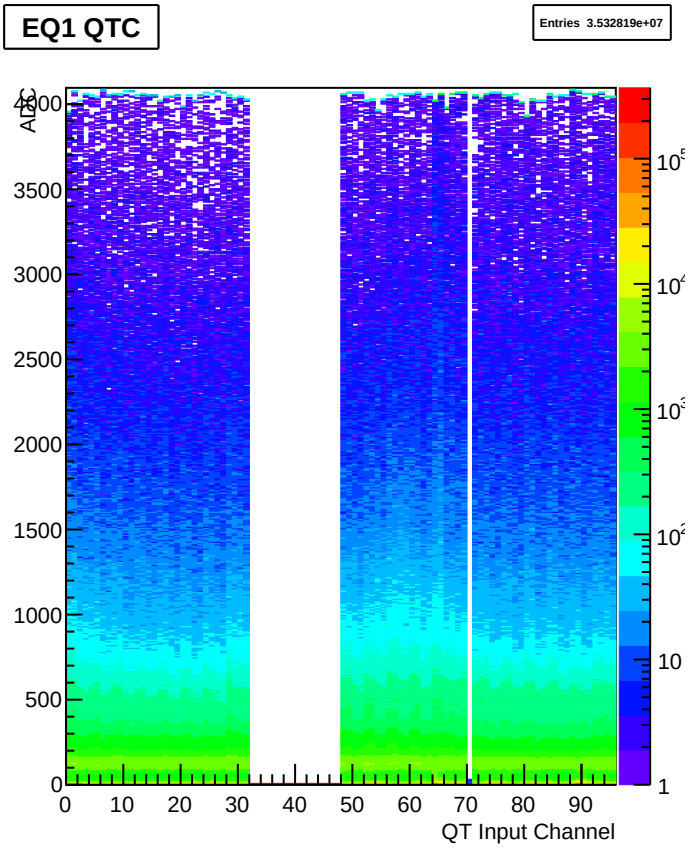

BBQ-VP001 East
Entries 5888032
TADC
QT Input Channel

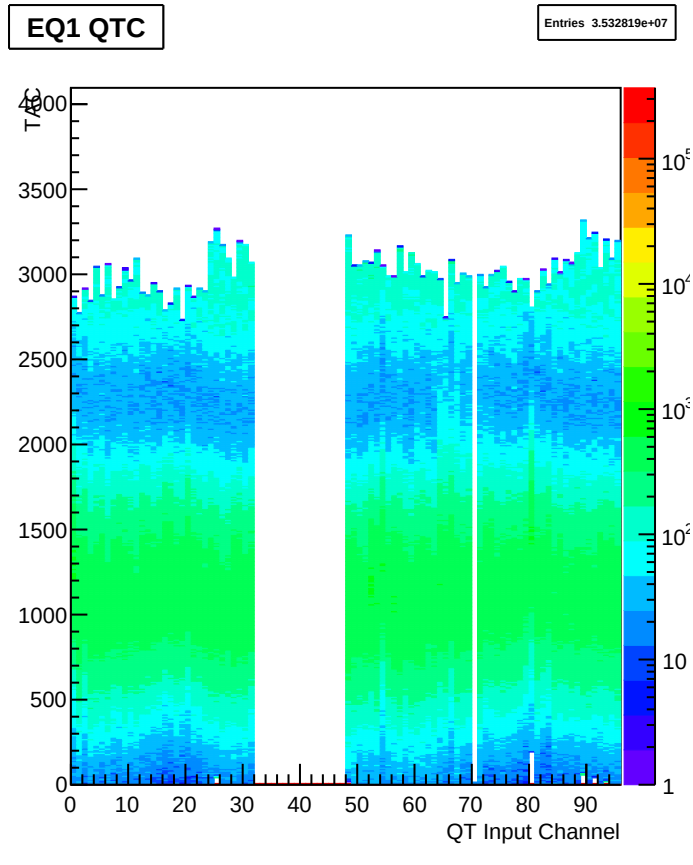

BBQ-VP002 West
Entries 5888032
ADC
QT Input Channel

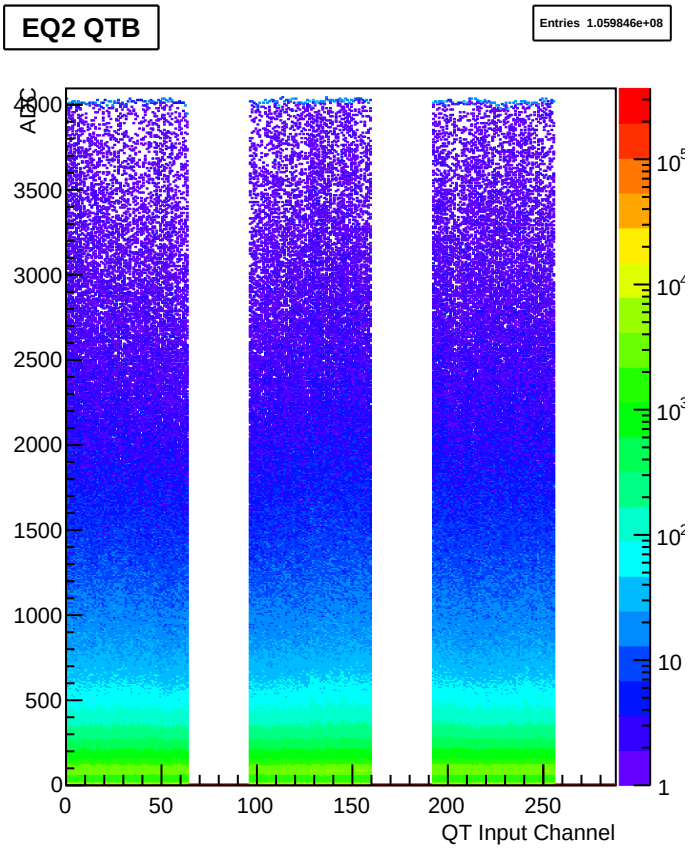

BBQ-VP002 West
Entries 5888032
TADC
QT Input Channel

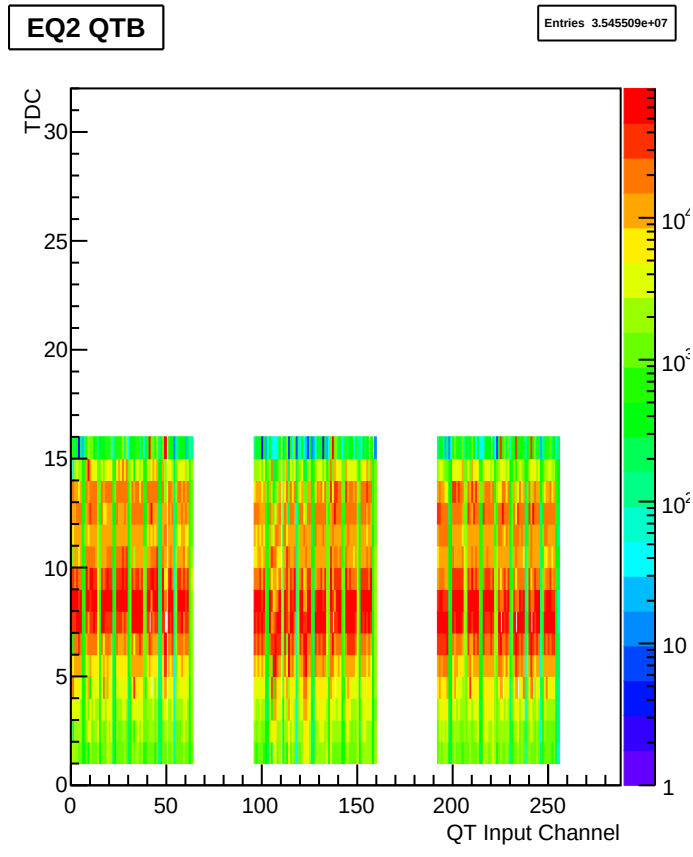

EQ1 QTB
Entries 1.059846e+08
ADC
QT Input Channel

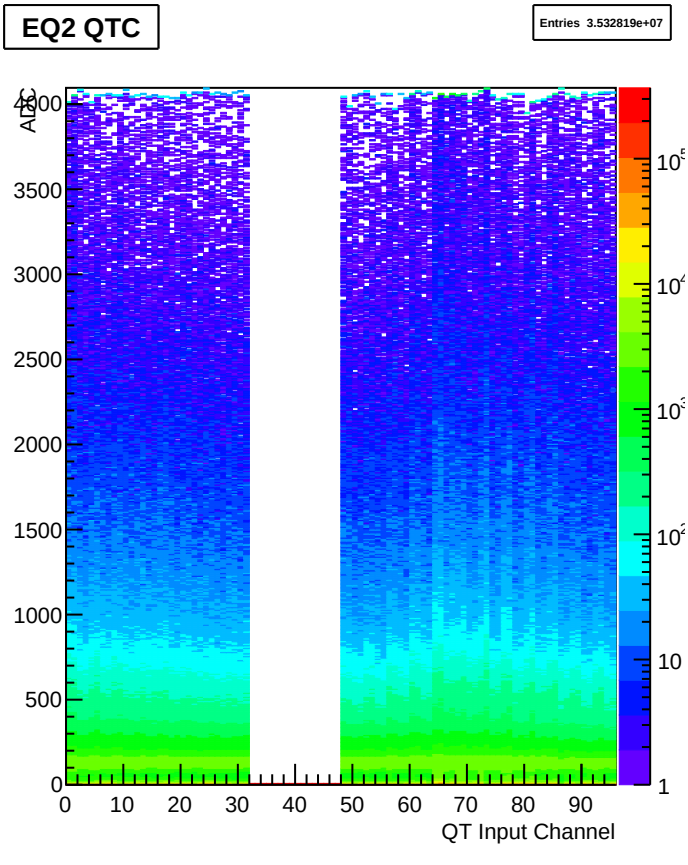

EQ1 QTB
Entries 3.507196e+07
TDC
QT Input Channel

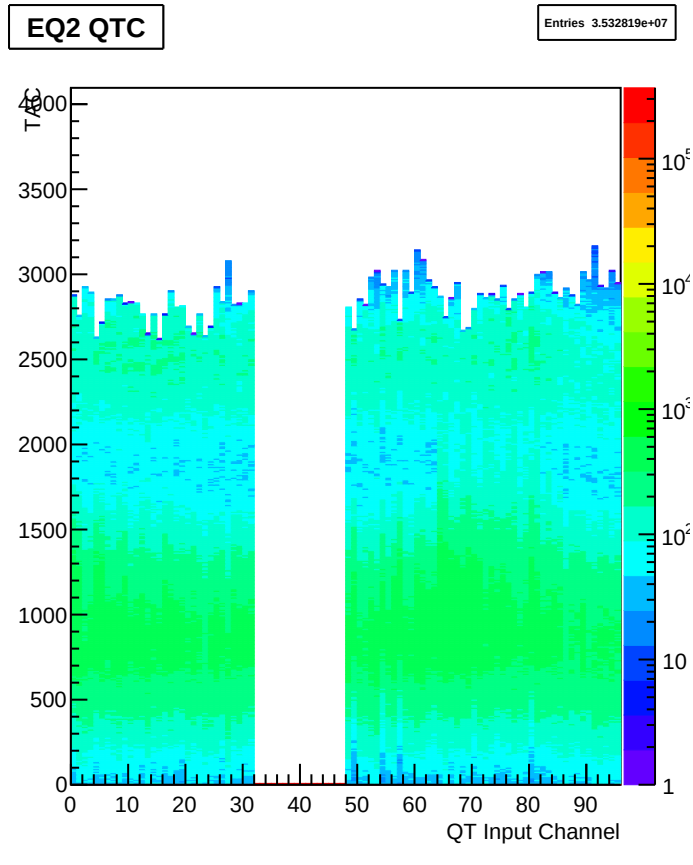

EQ1 QTC
Entries 3.532819e+07
ADC
QT Input Channel

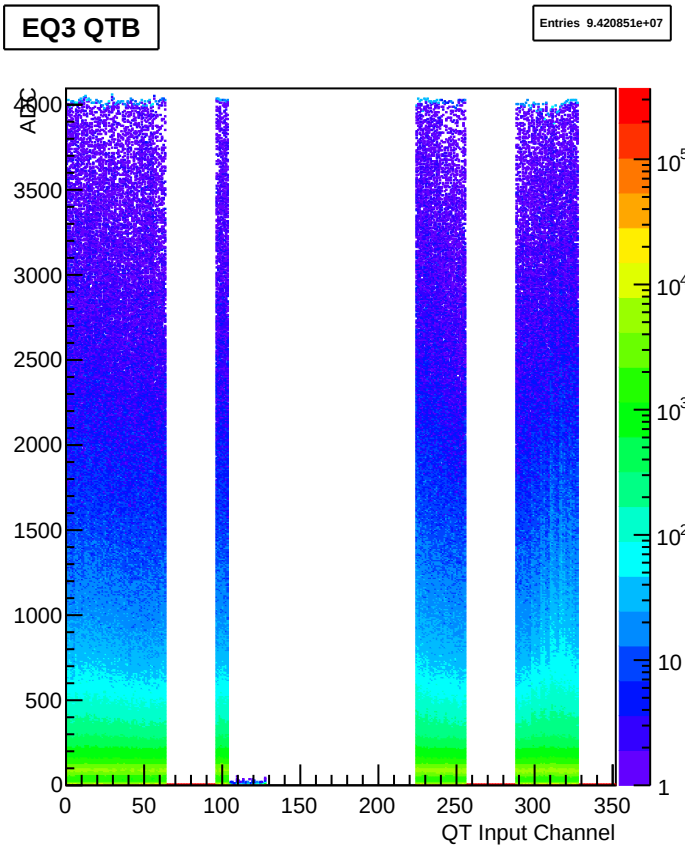

EQ1 QTC
Entries 3.532819e+07
TADC
QT Input Channel

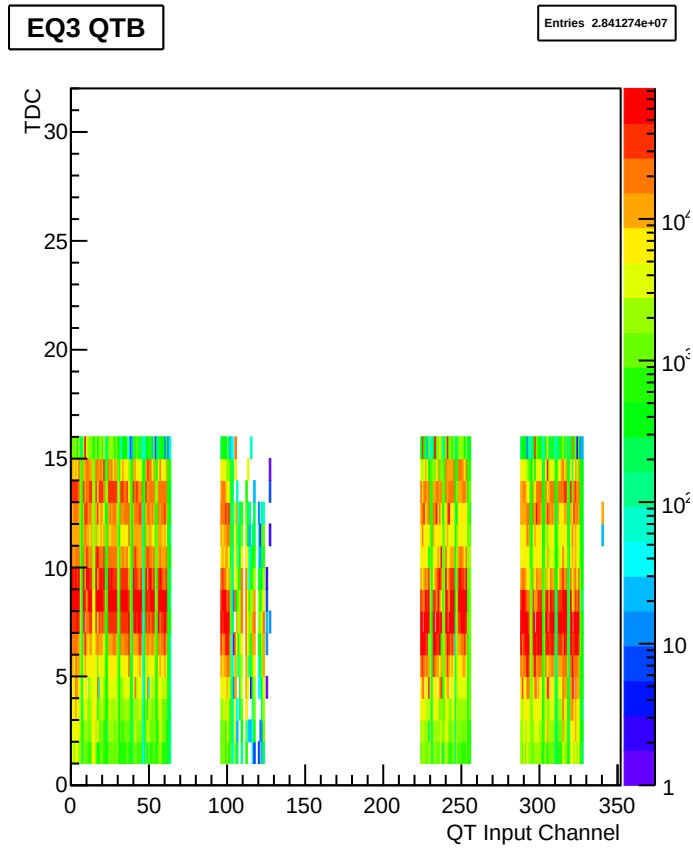

EQ2 QTB
Entries 1.059846e+08
ADC
QT Input Channel

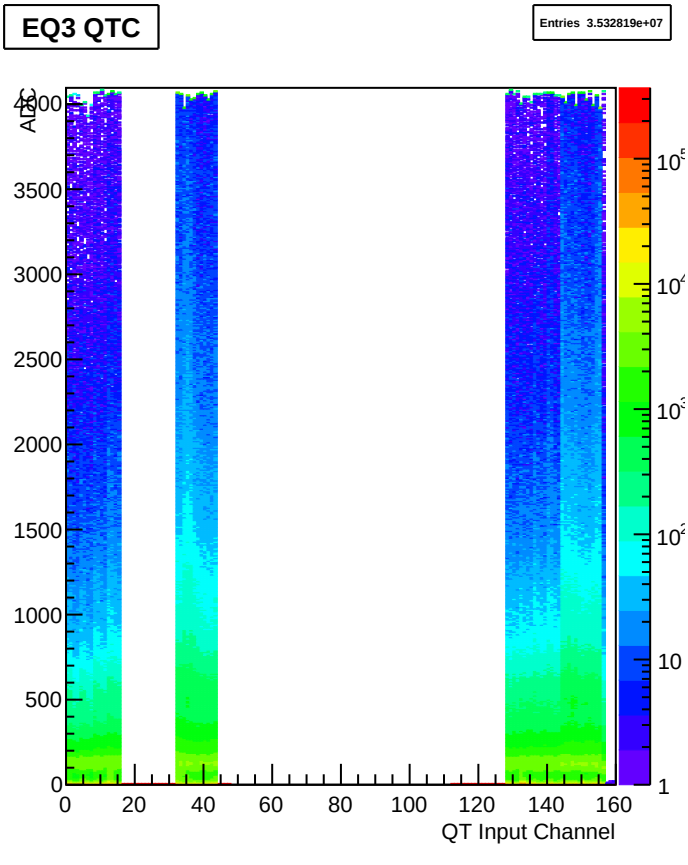

EQ2 QTB
Entries 3.545509e+07
TDC
QT Input Channel

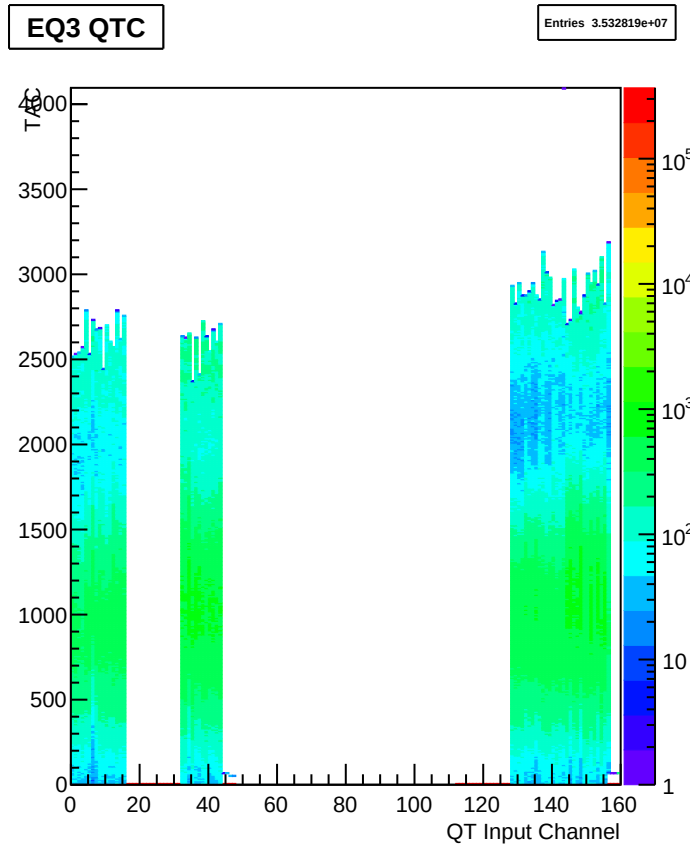

EQ2 QTC
Entries 3.532819e+07
ADC
QT Input Channel

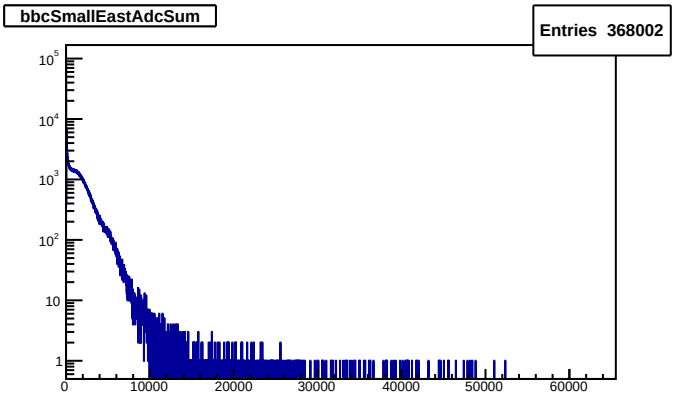

EQ2 QTC
Entries 3.532819e+07
TADC
QT Input Channel

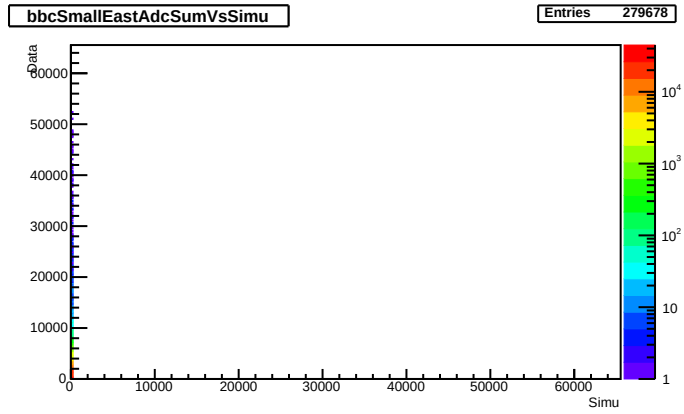

EQ3 QTB
Entries 9.420851e+07
ADC
QT Input Channel

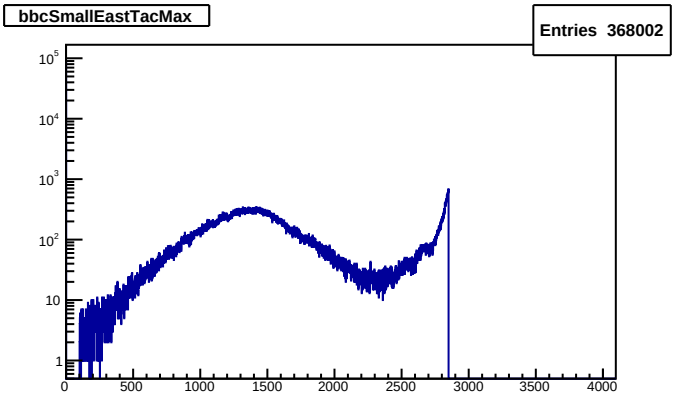

EQ3 QTB
Entries 2.841274e+07
TDC
QT Input Channel

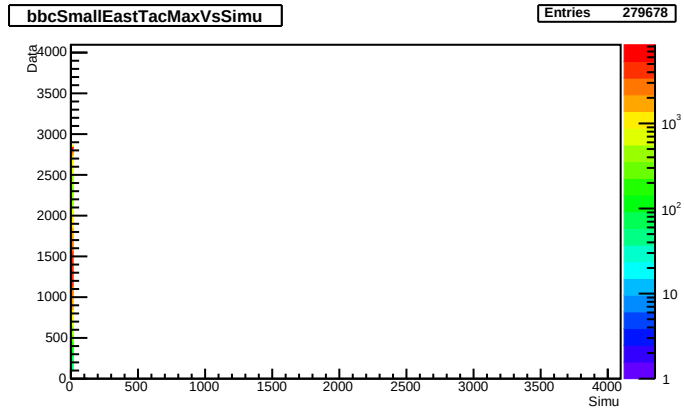

EQ3 QTC
Entries 3.532819e+07
ADC
QT Input Channel

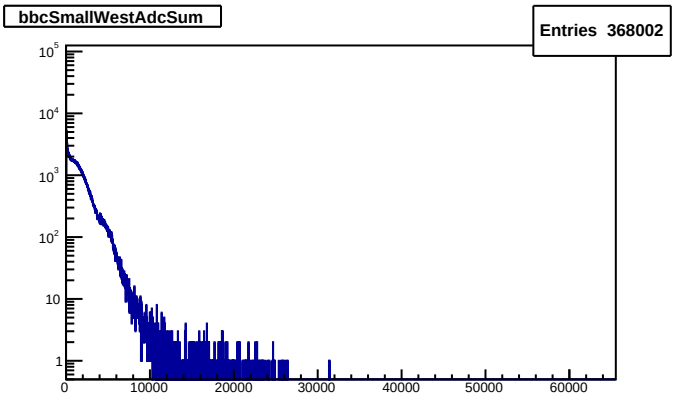

EQ3 QTC
Entries 3.532819e+07
TADC
QT Input Channel

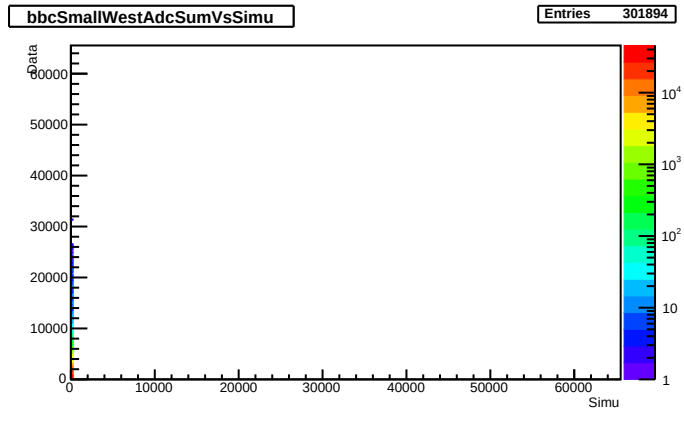

bbcSmallEastAdcSum
Entries 368002

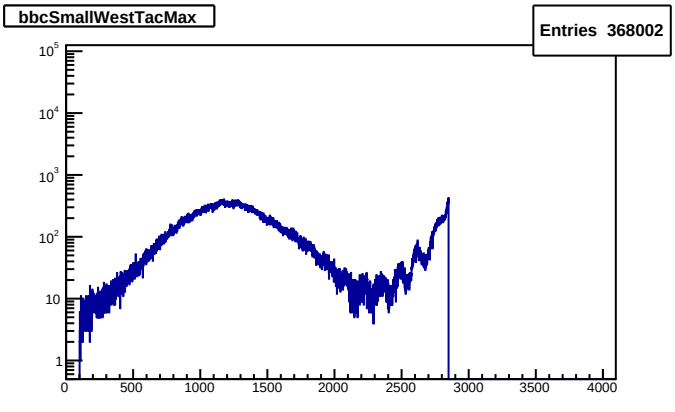

bbcSmallEastAdcSumVsSimu
Entries 279678
Data
Simu

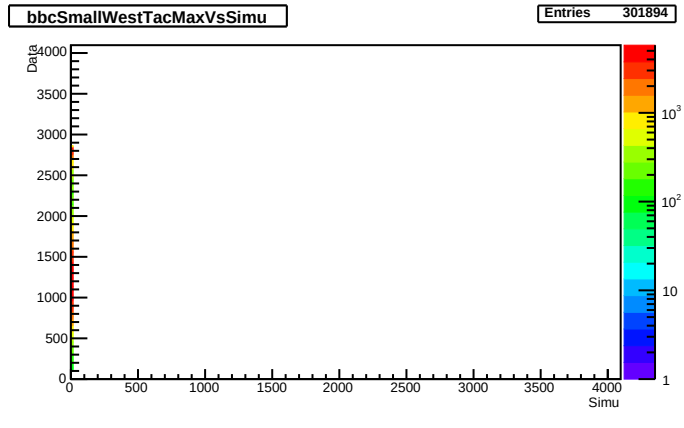

bbcSmallEastTacMax
Entries 368002

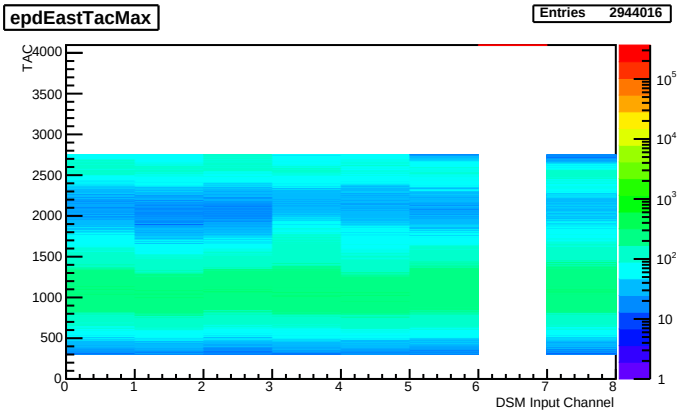

bbcSmallEastTacMaxVsSimu
Entries 279678
Data
Simu

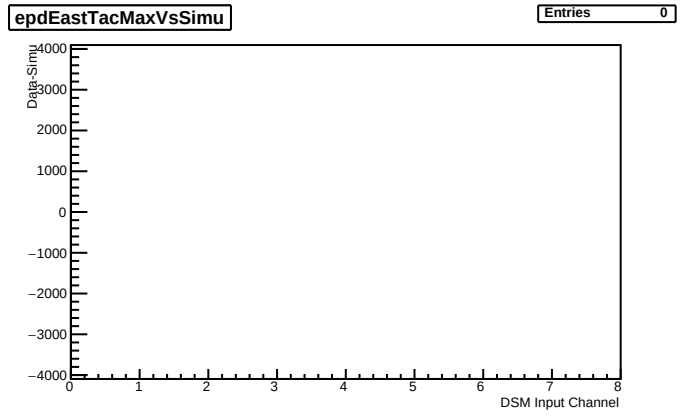

bbcSmallWestAdcSum
Entries 368002

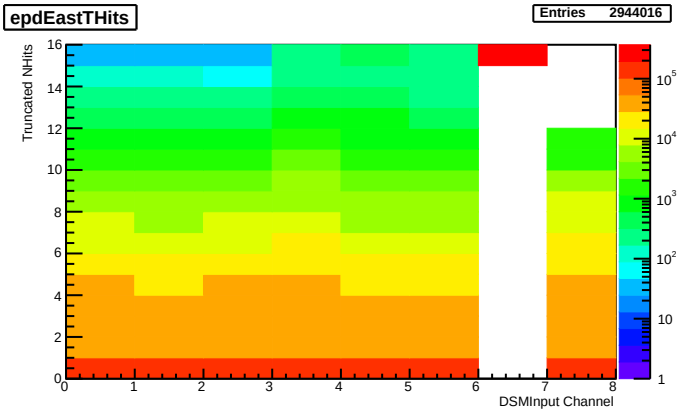

bbcSmallWestAdcSumVsSimu
Entries 301894
Data
Simu

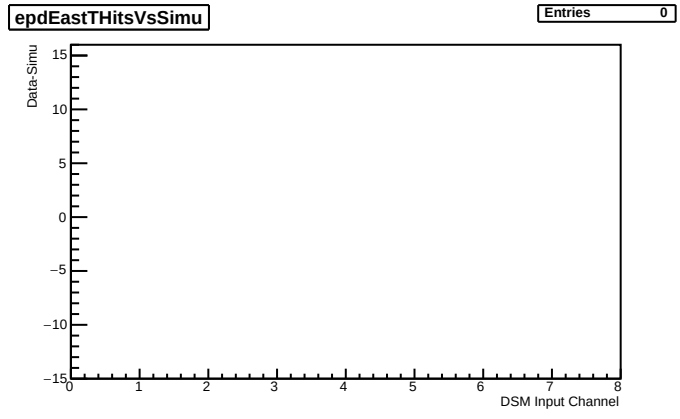

bbcSmallWestTacMax
Entries 368002

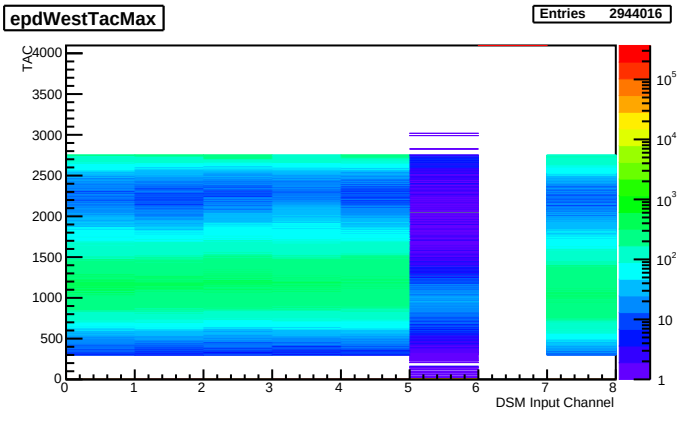

bbcSmallWestTacMaxVsSimu
Entries 301894
Data
Simu

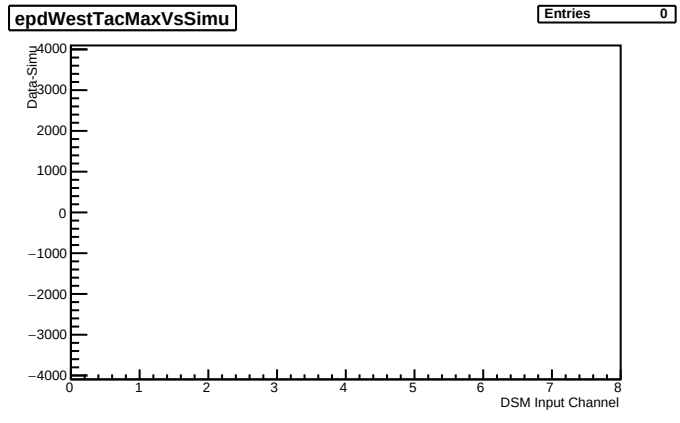

epdEastTacMax
Entries 2944016
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2944016
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2944016
TAC
DSM Input Channel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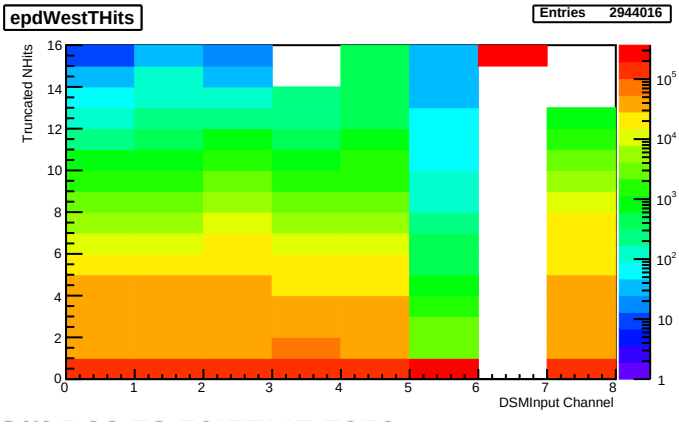
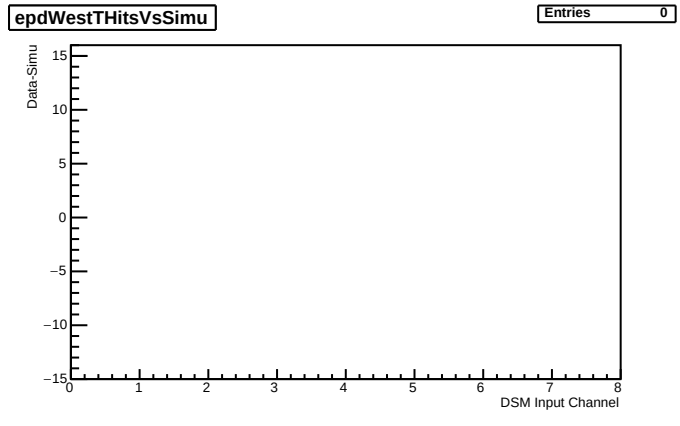
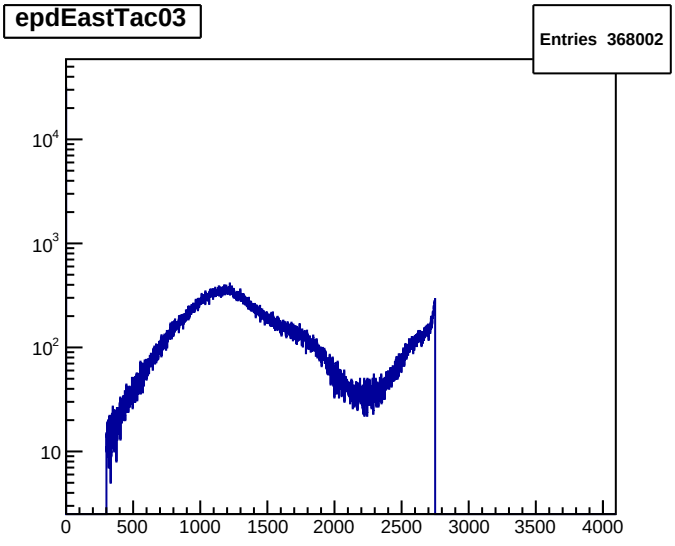
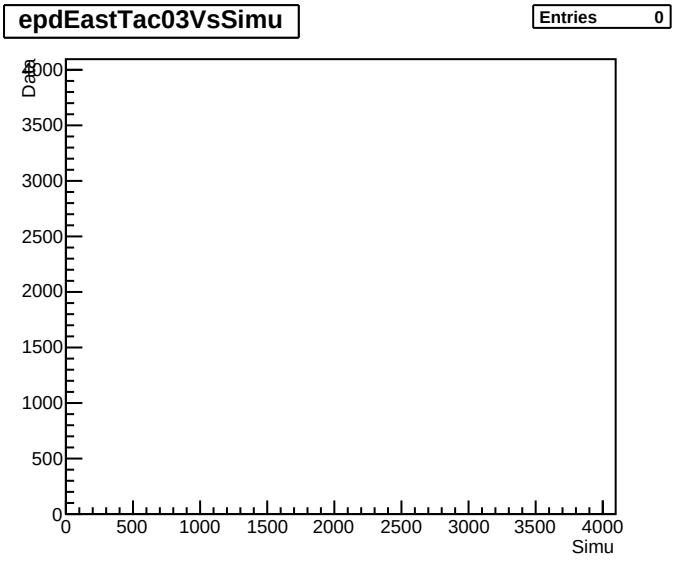
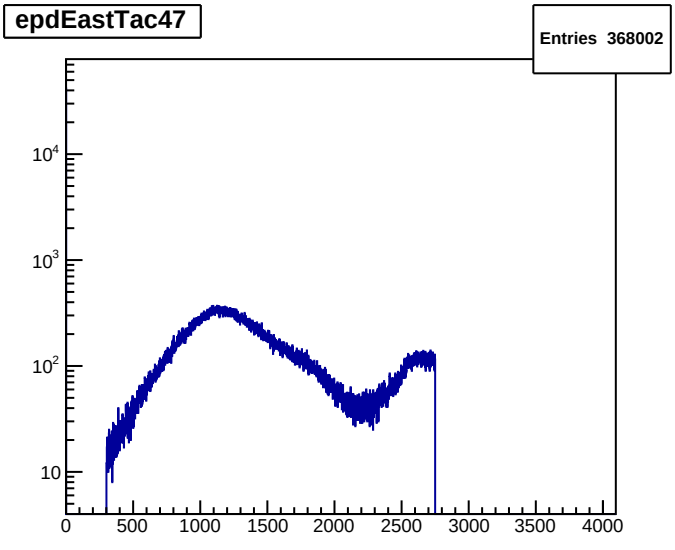
Entries 0
Data-Simu
DSM Input Channel

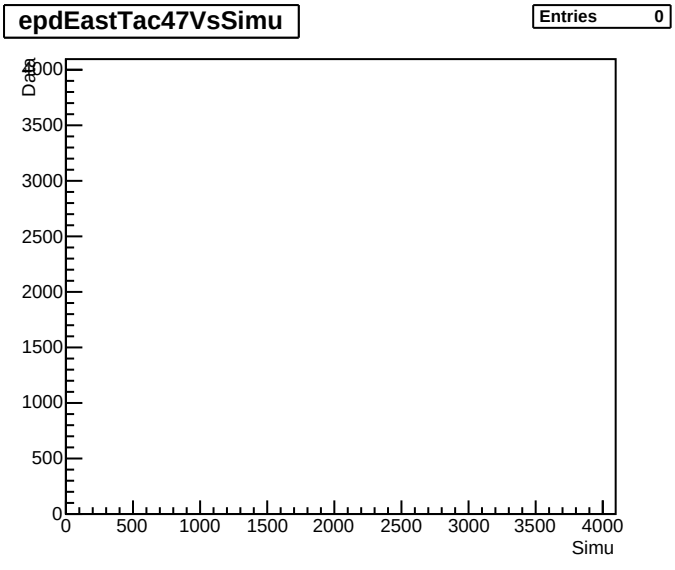

epdWestTHits
Entries 2944016
Truncated NHits
DSMInput Channel

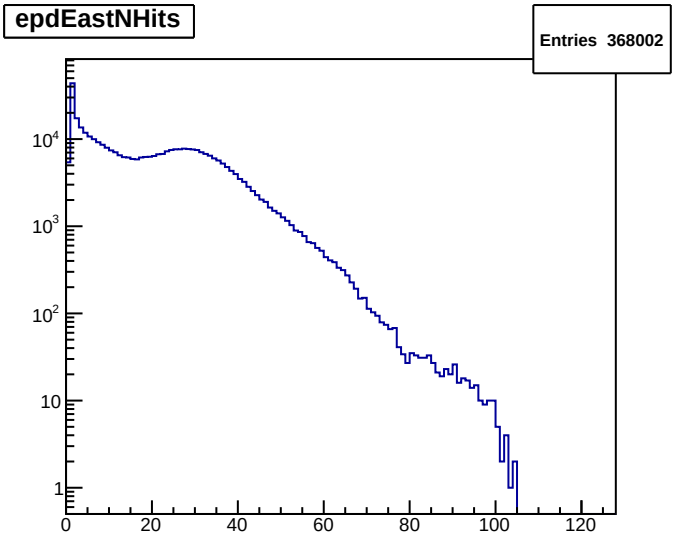

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

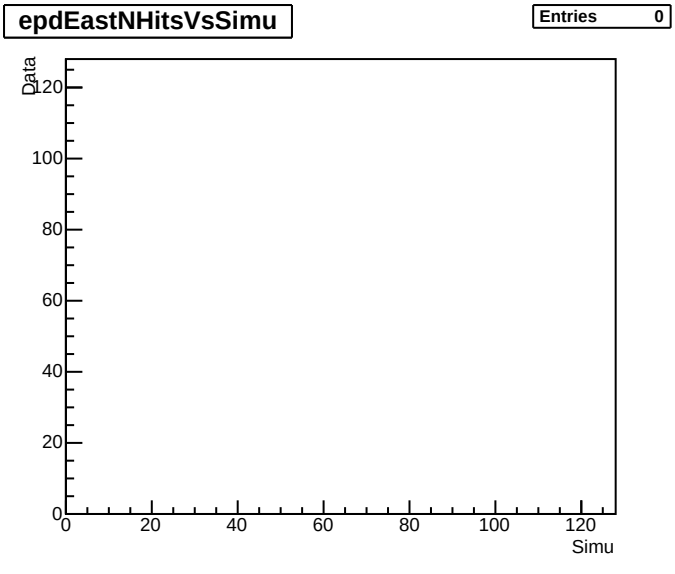

epdEastTac03
Entries 368002

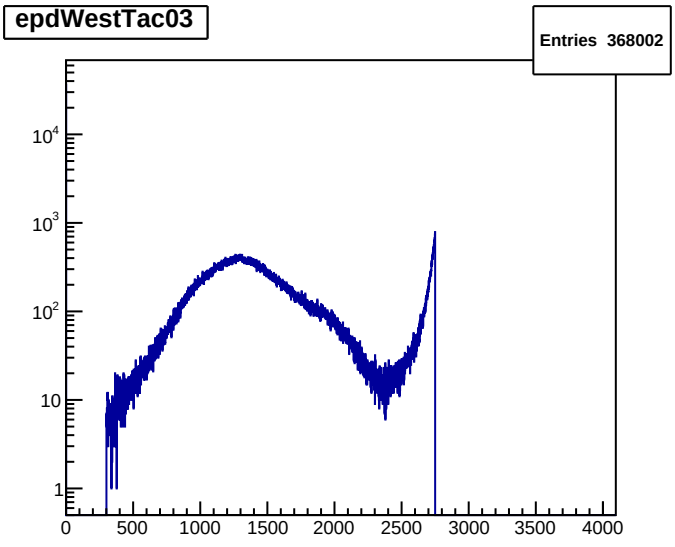

epdEastTac03VsSimu
Entries 0
Data
Simu

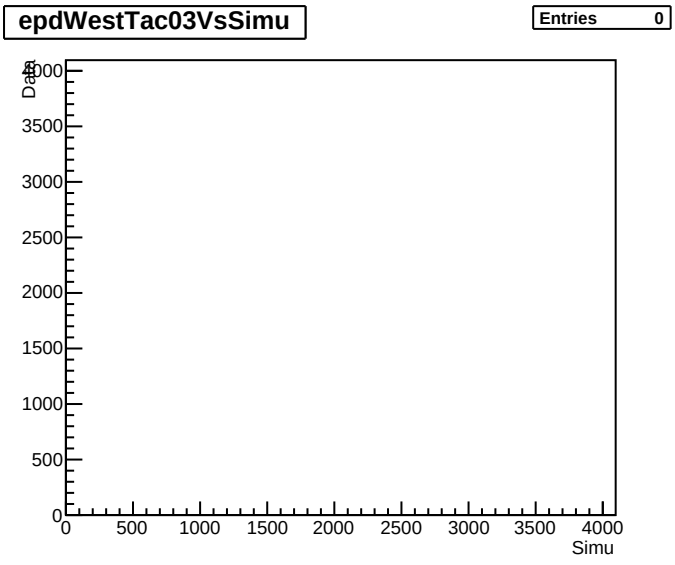

epdEastTac47
Entries 368002

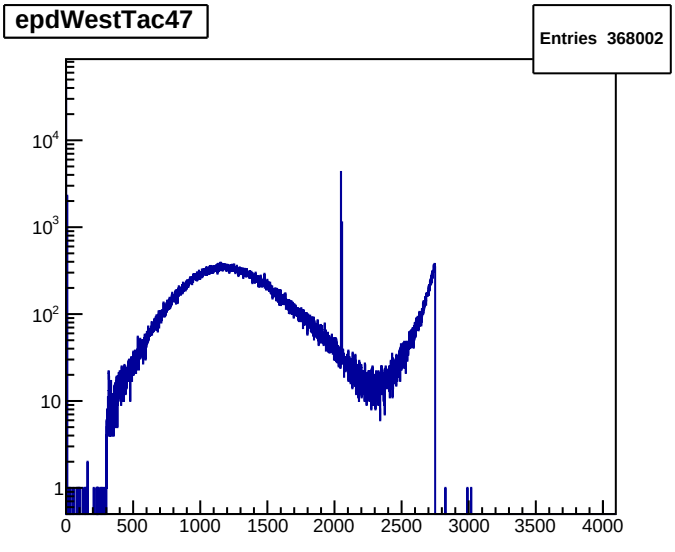

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 368002


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 368002


epdWestTac03VsSimu
Entries 0
Data
Simu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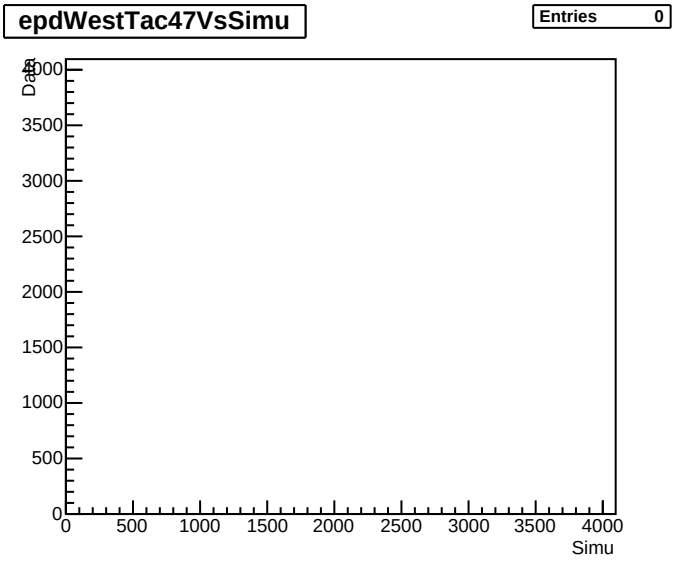
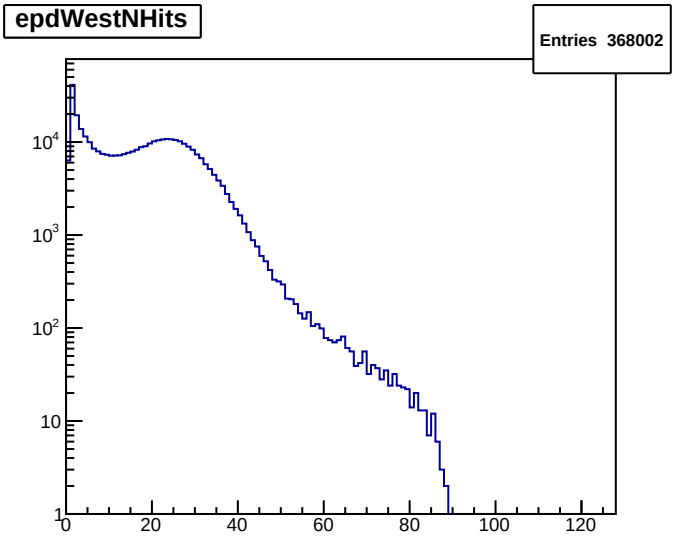
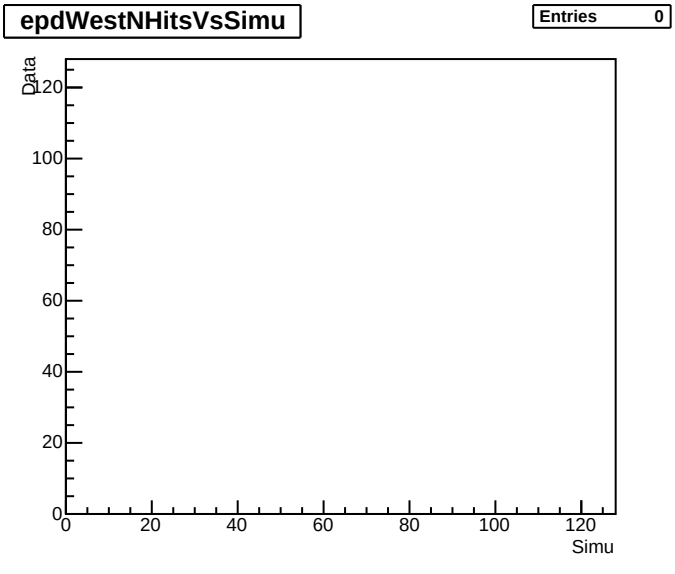
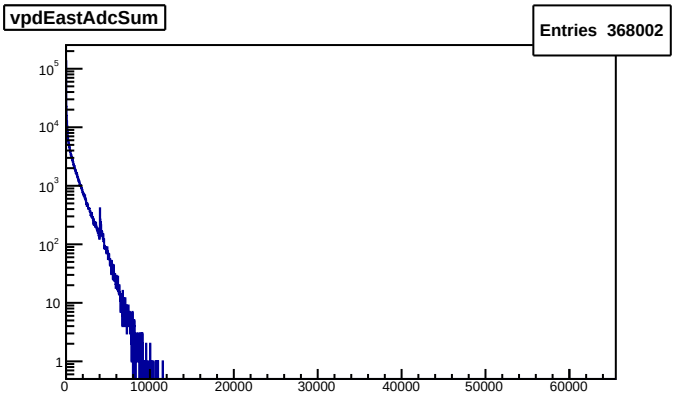
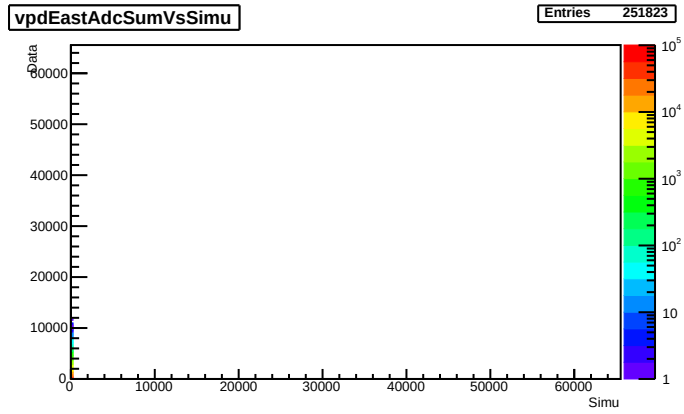
Entries 368002

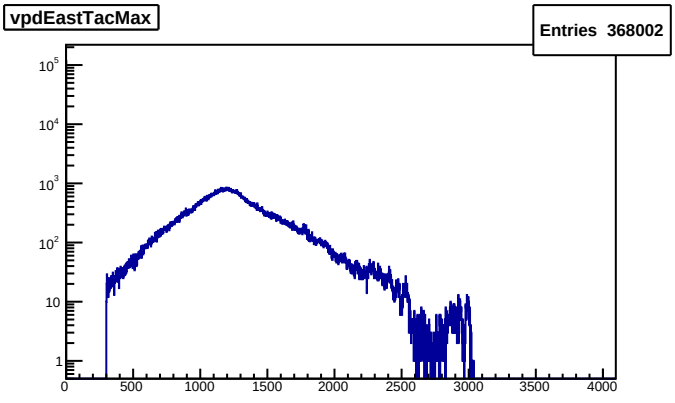

epdWestTac47VsSimu
Entries 0
Data
Simu

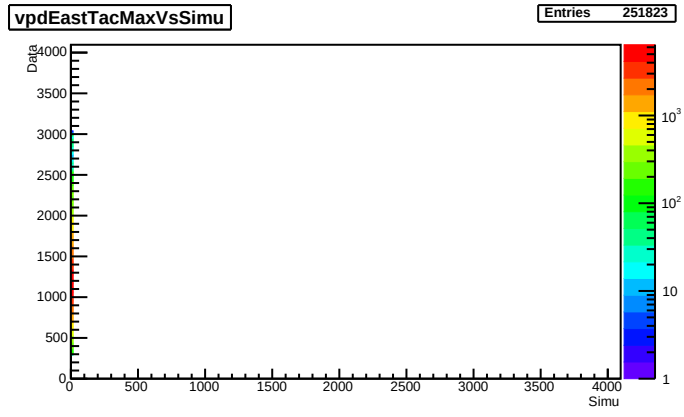

epdWestNHits
Entries 368002

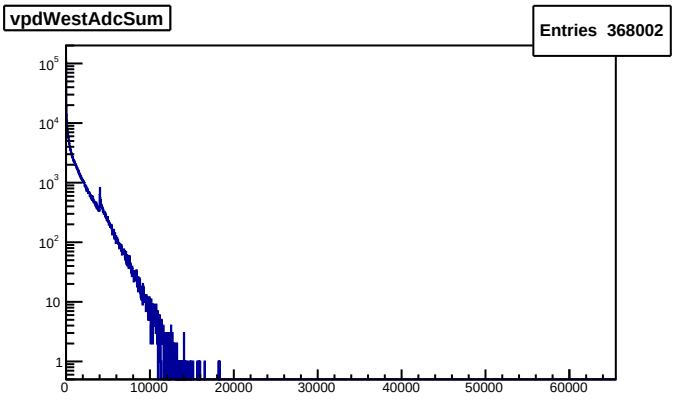

epdWestNHitsVsSimu
Entries 0
Data
Simu

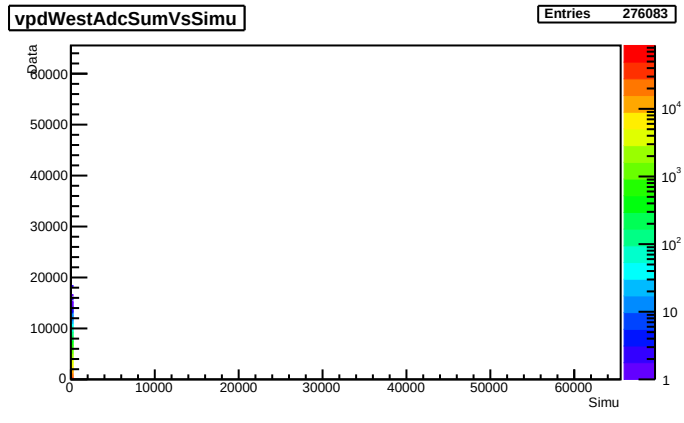

vpdEastAdcSum
Entries 368002

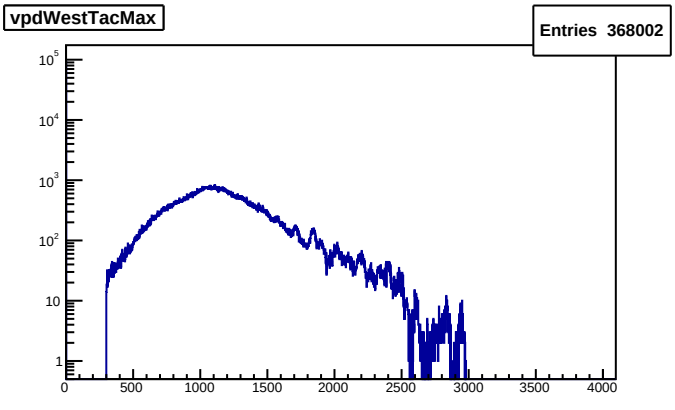

vpdEastAdcSumVsSimu
Entries 251823
Data
Simu

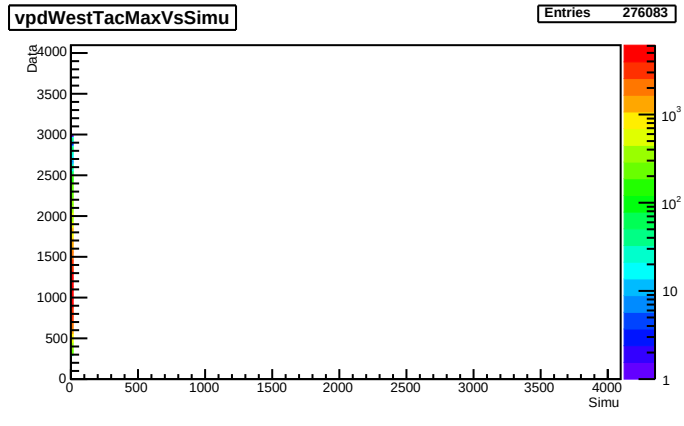

vpdEastTacMax
Entries 368002

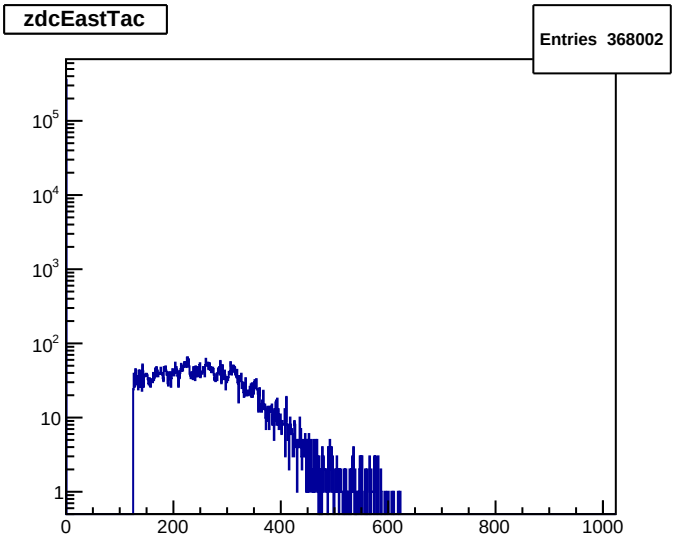

vpdEastTacMaxVsSimu
Entries 251823
Data
Simu

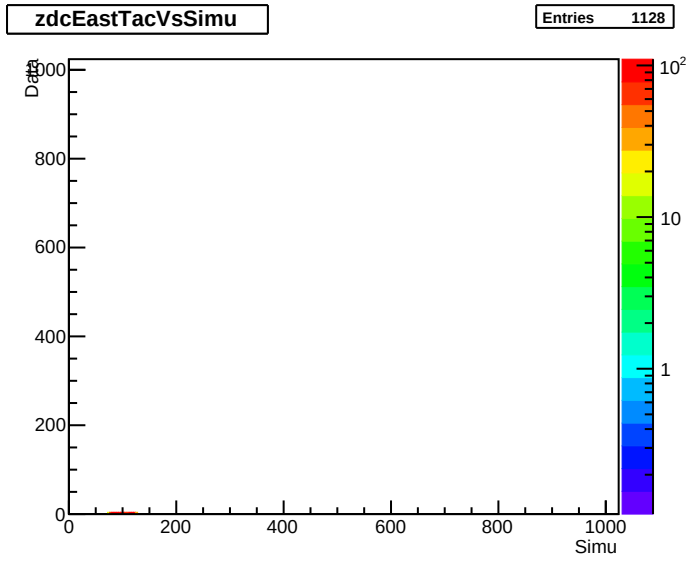

vpdWestAdcSum
Entries 368002

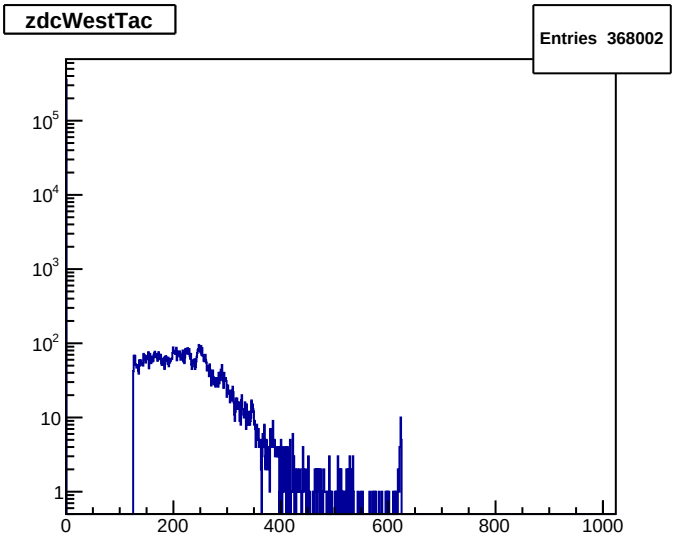

vpdWestAdcSumVsSimu
Entries 276083
Data
Simu

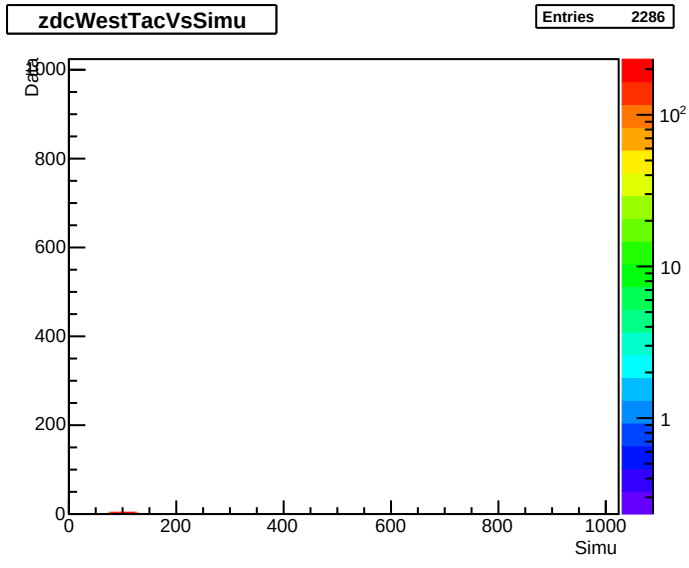

vpdWestTacMax
Entries 368002

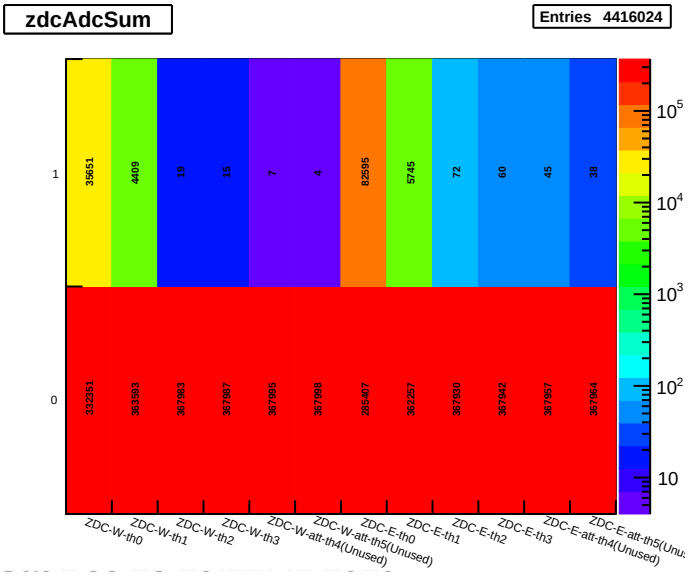

vpdWestTacMaxVsSimu
Entries 276083
Data
Simu

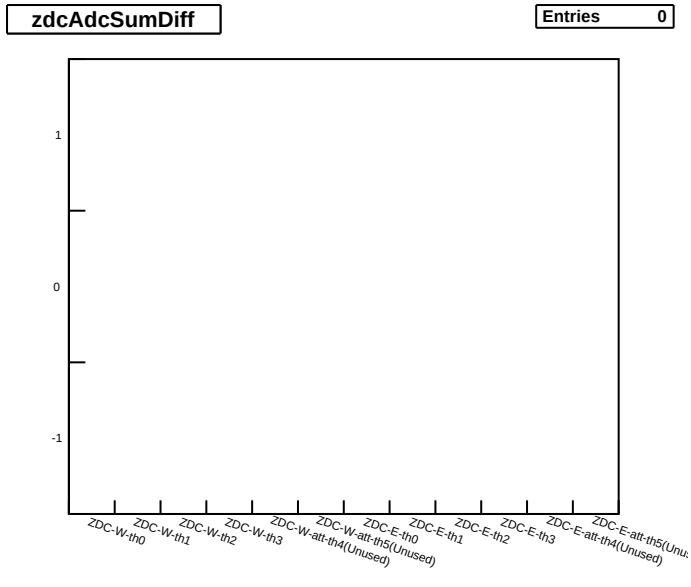

zdcEastTac
Entries 368002

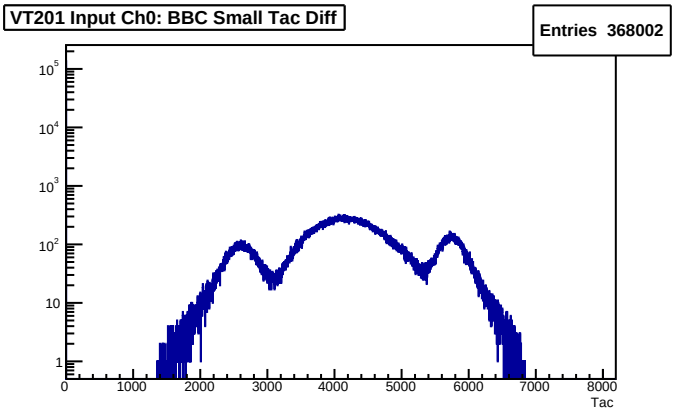

zdcEastTacVsSimu
Entries 1128
Data
Simu

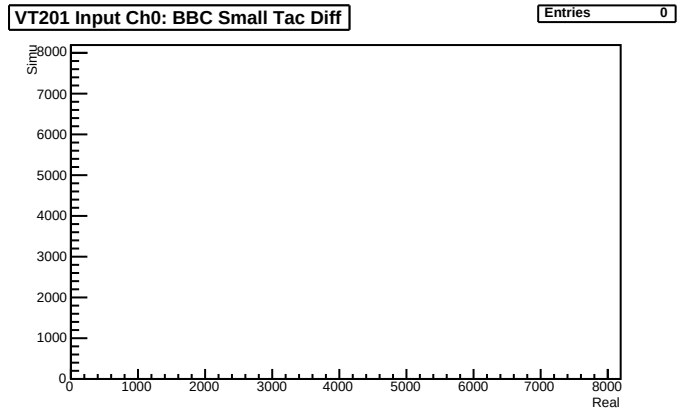

zdcWestTac
Entries 368002

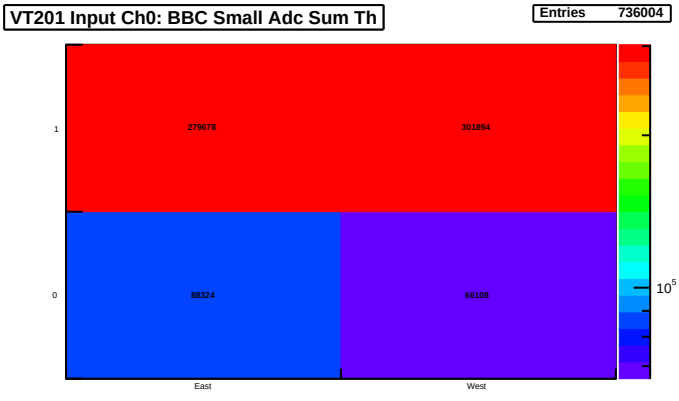

zdcWestTacVsSimu
Entries 2286
Data
Simu

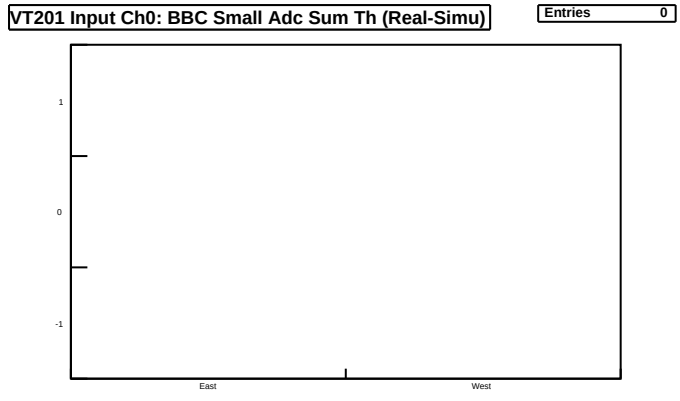

zdcAdcSum
Entries 4416024
35651
4409
19
15
7
4
82595
5745
72
60
45
38
332351
363593
367963
367987
367995
367998
285407
362257
367930
367942
367957
367964
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

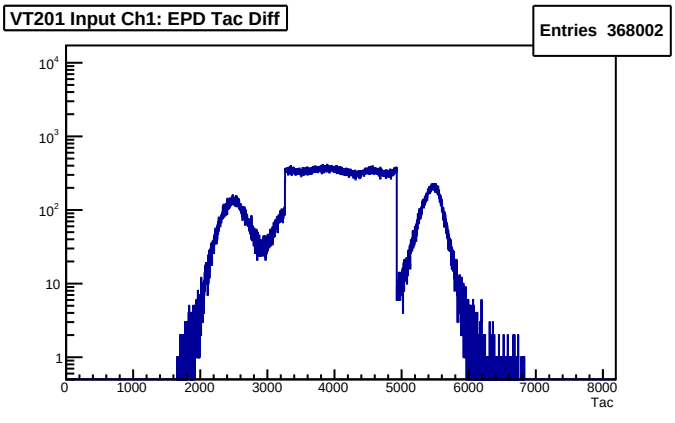

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

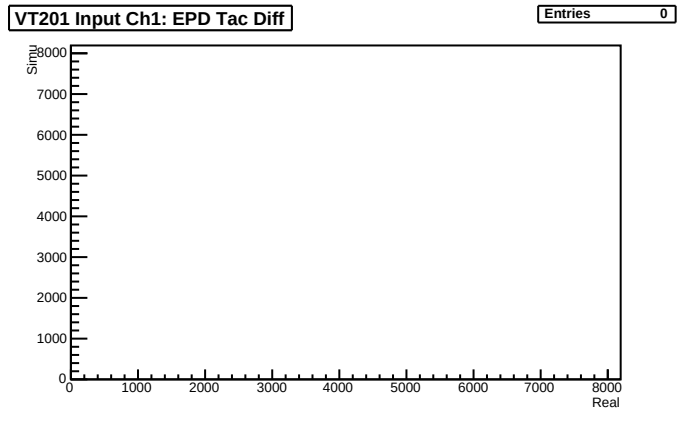

VT201 Input Ch0: BBC Small Tac Diff
Entries 368002
Tac

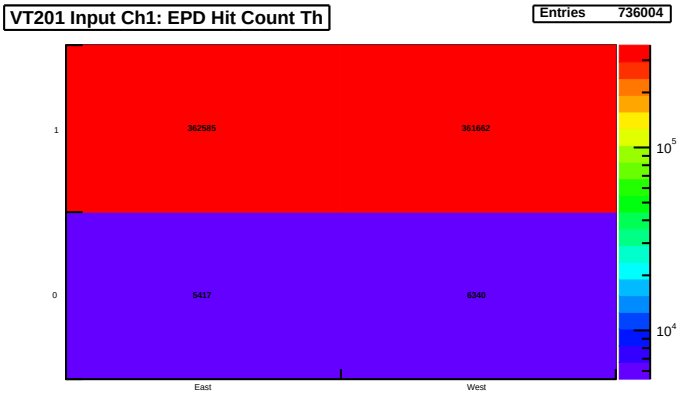

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

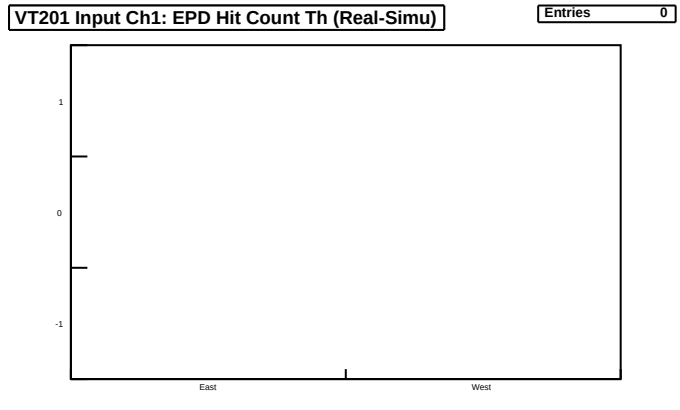

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 736004
279678
301894
88324
66108
East
West

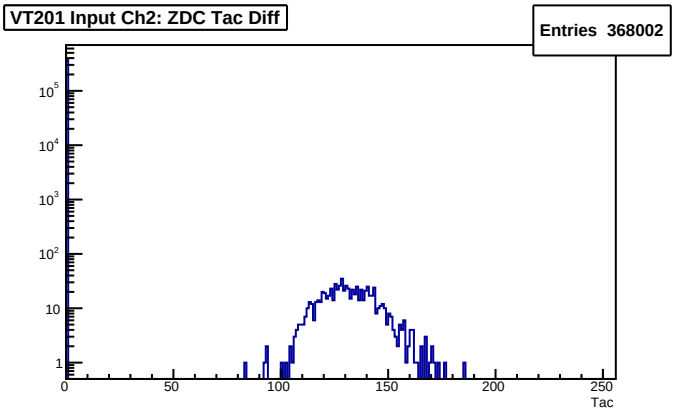

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

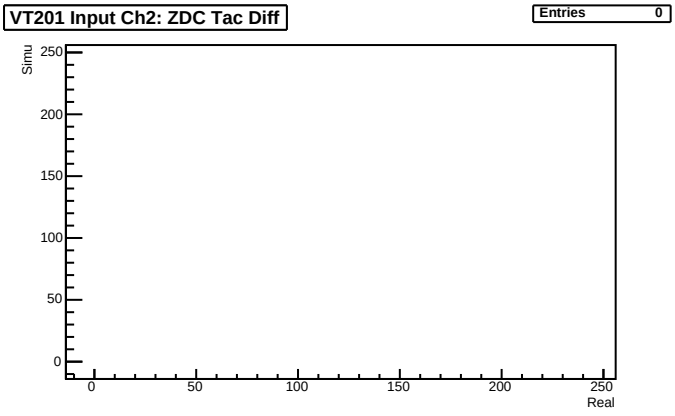

VT201 Input Ch1: EPD Tac Diff
Entries 368002
Tac

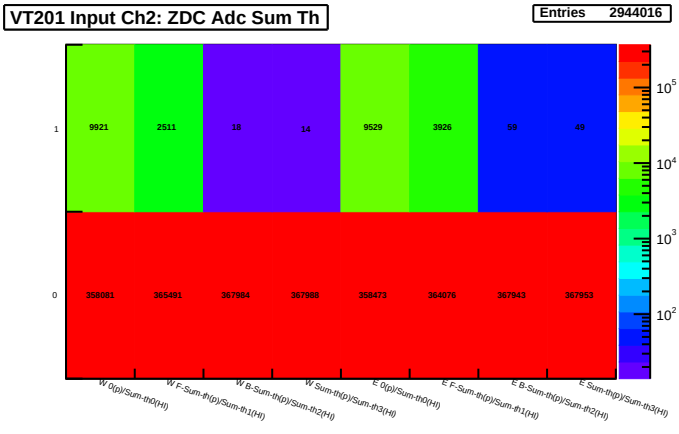

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

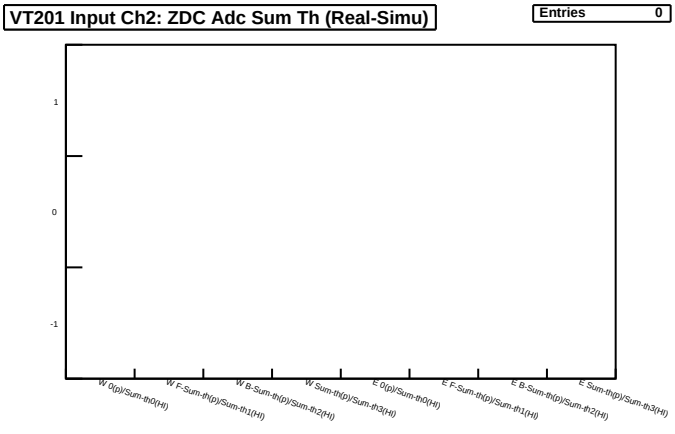

VT201 Input Ch1: EPD Hit Count Th
Entries 736004
362585
361662
5417
6340
East
West

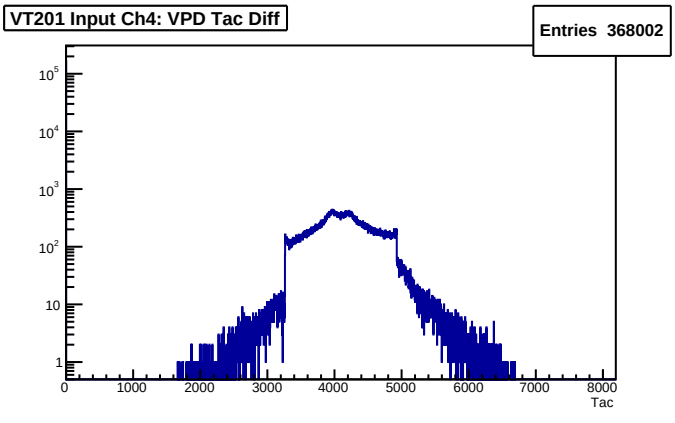

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

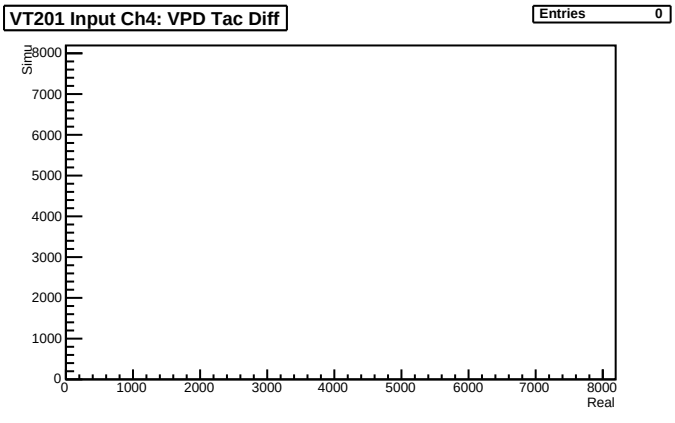

VT201 Input Ch2: ZDC Tac Diff
Entries 368002
Tac

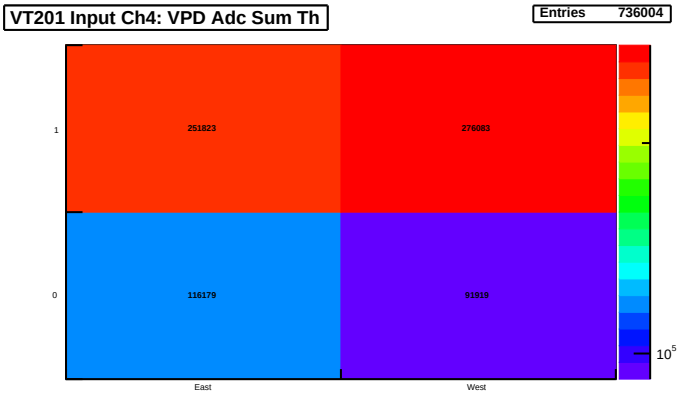

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

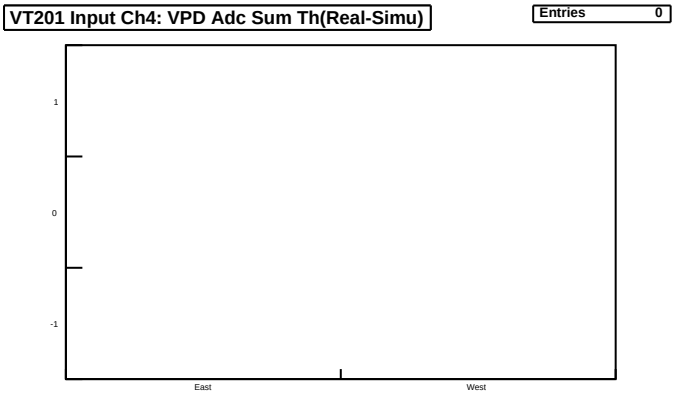

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2944016
9921
2511
18
14
9529
3926
59
49
358081
365491
367984
367988
358473
364076
367943
367953
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

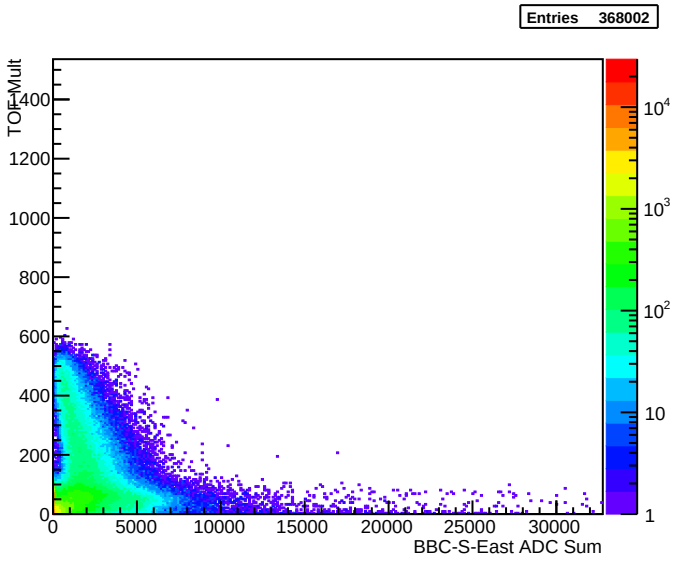

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

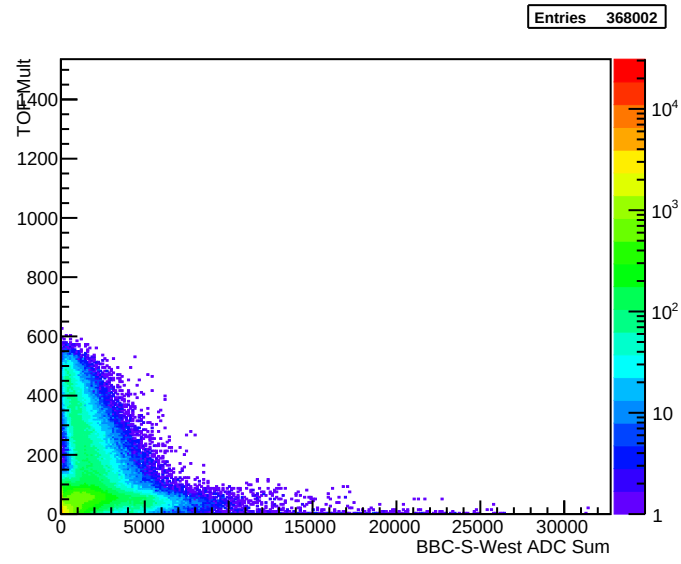

VT201 Input Ch4: VPD Tac Diff
Entries 368002
Tac

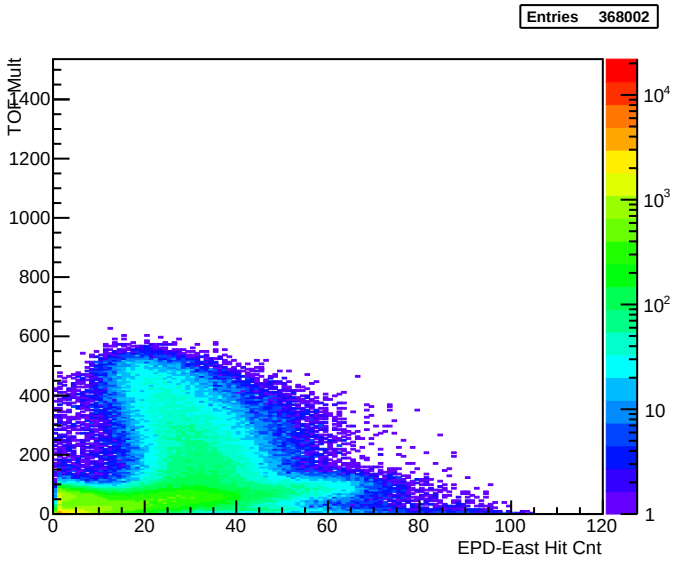

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

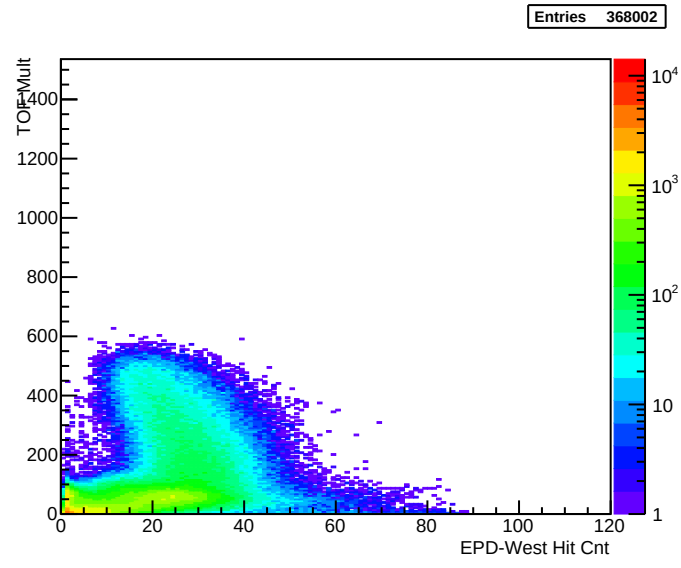

VT201 Input Ch4: VPD Adc Sum Th
Entries 736004
251823
270083
116179
91919
East
West

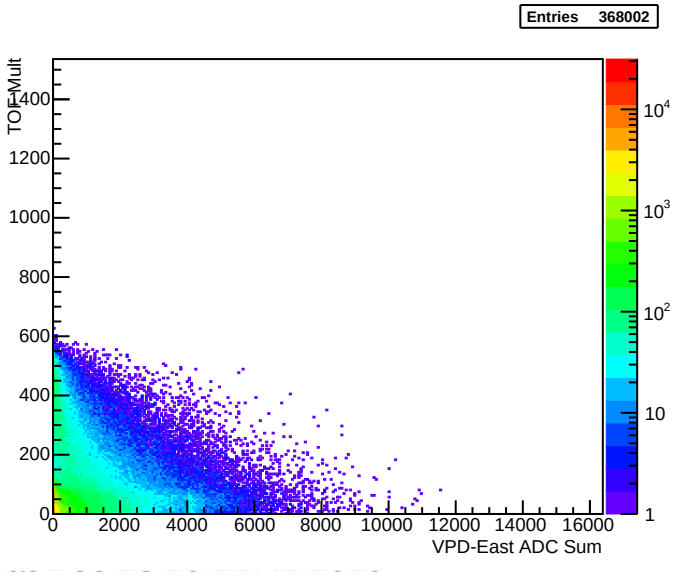

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

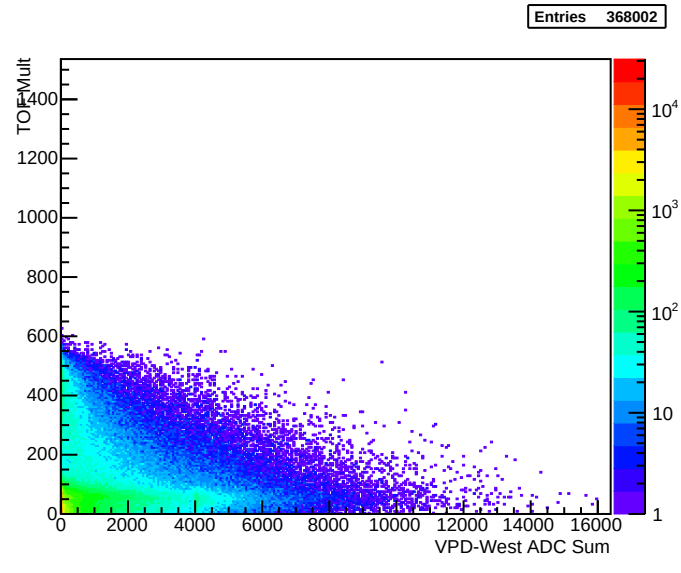

Entries 368002
TOF-Mult
BBC-S-East ADC Sum

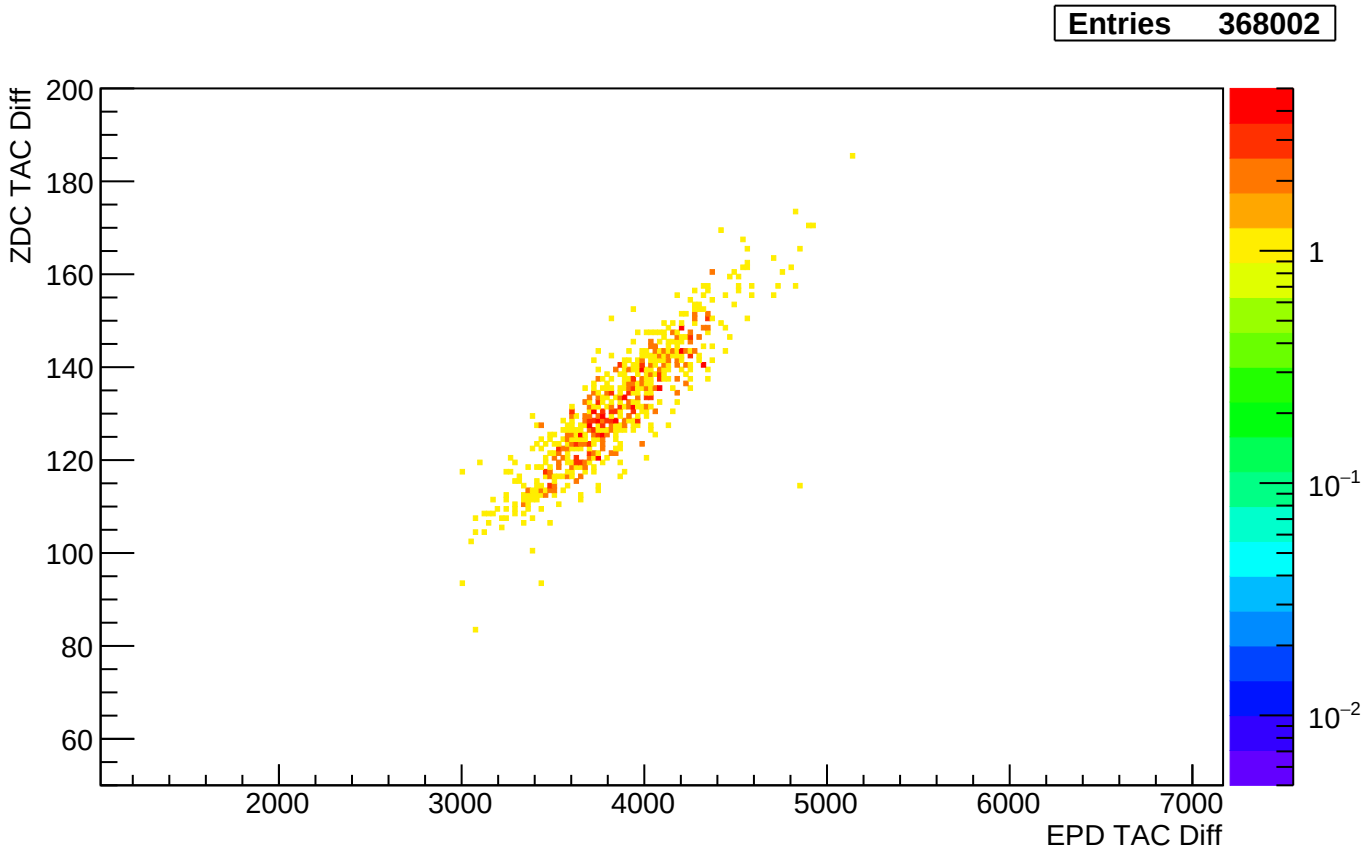

Entries 368002
TOF-Mult
BBC-S-West ADC Sum

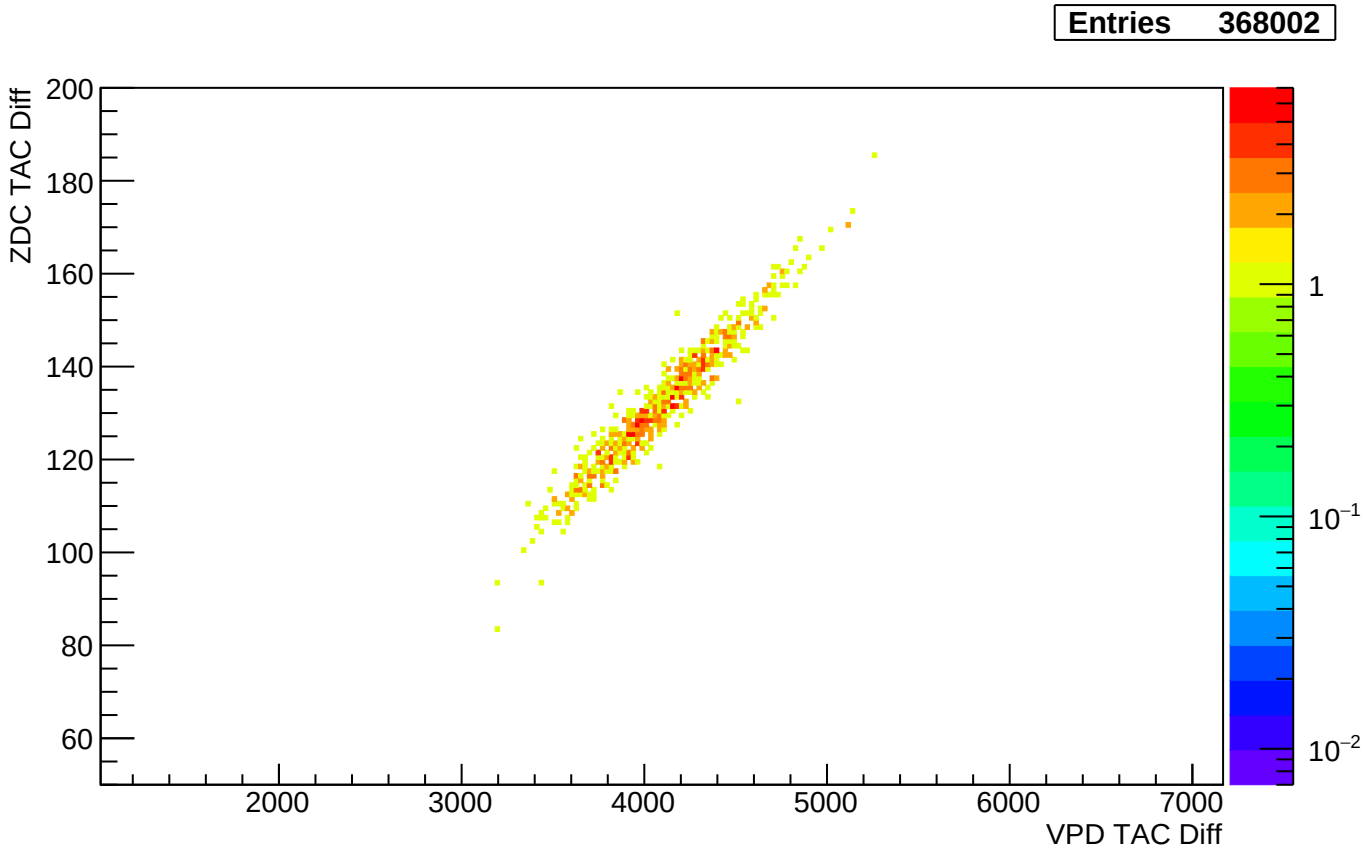

Entries 368002
TOF-Mult
EPD-East Hit Cnt

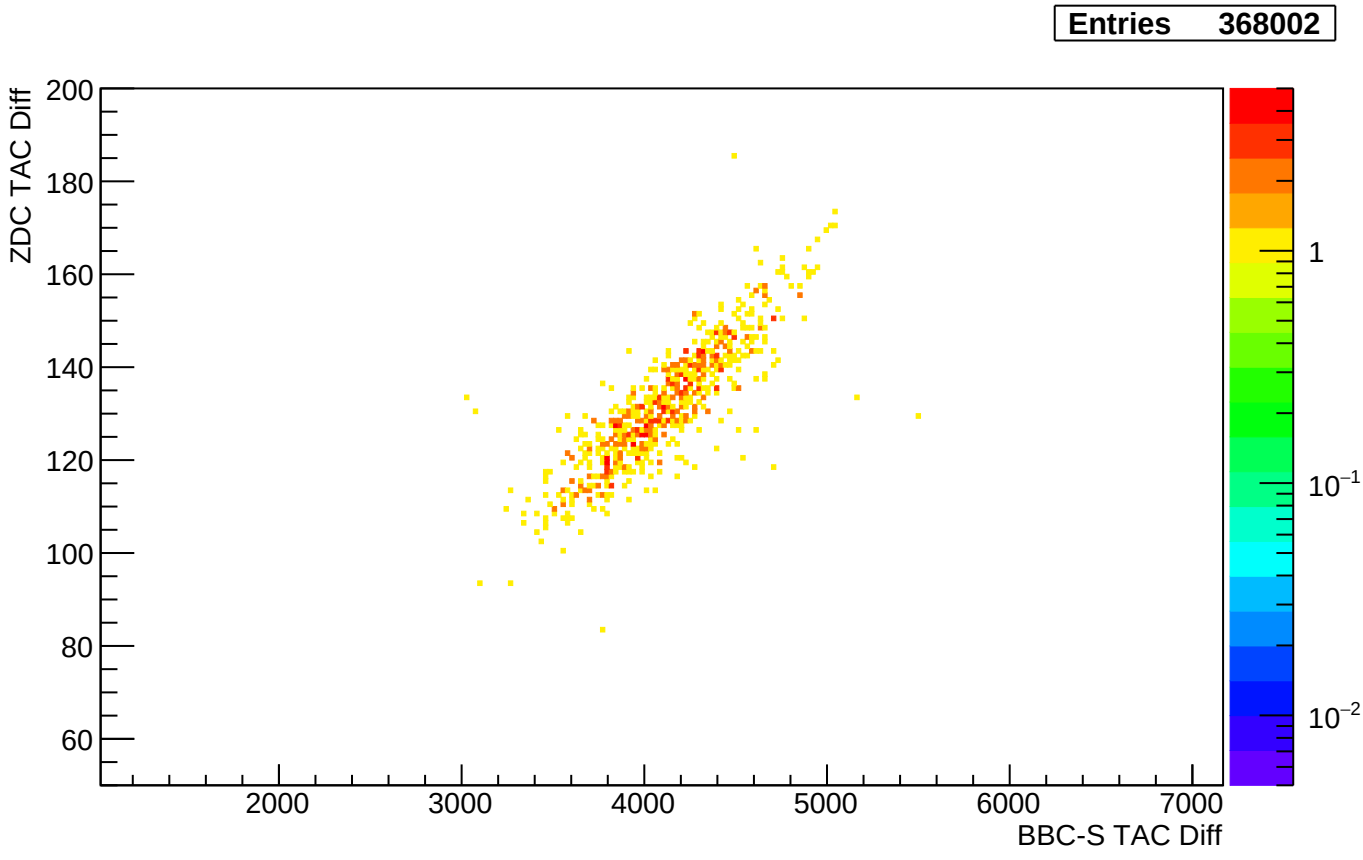

Entries 368002
TOF-Mult
EPD-West Hit Cnt

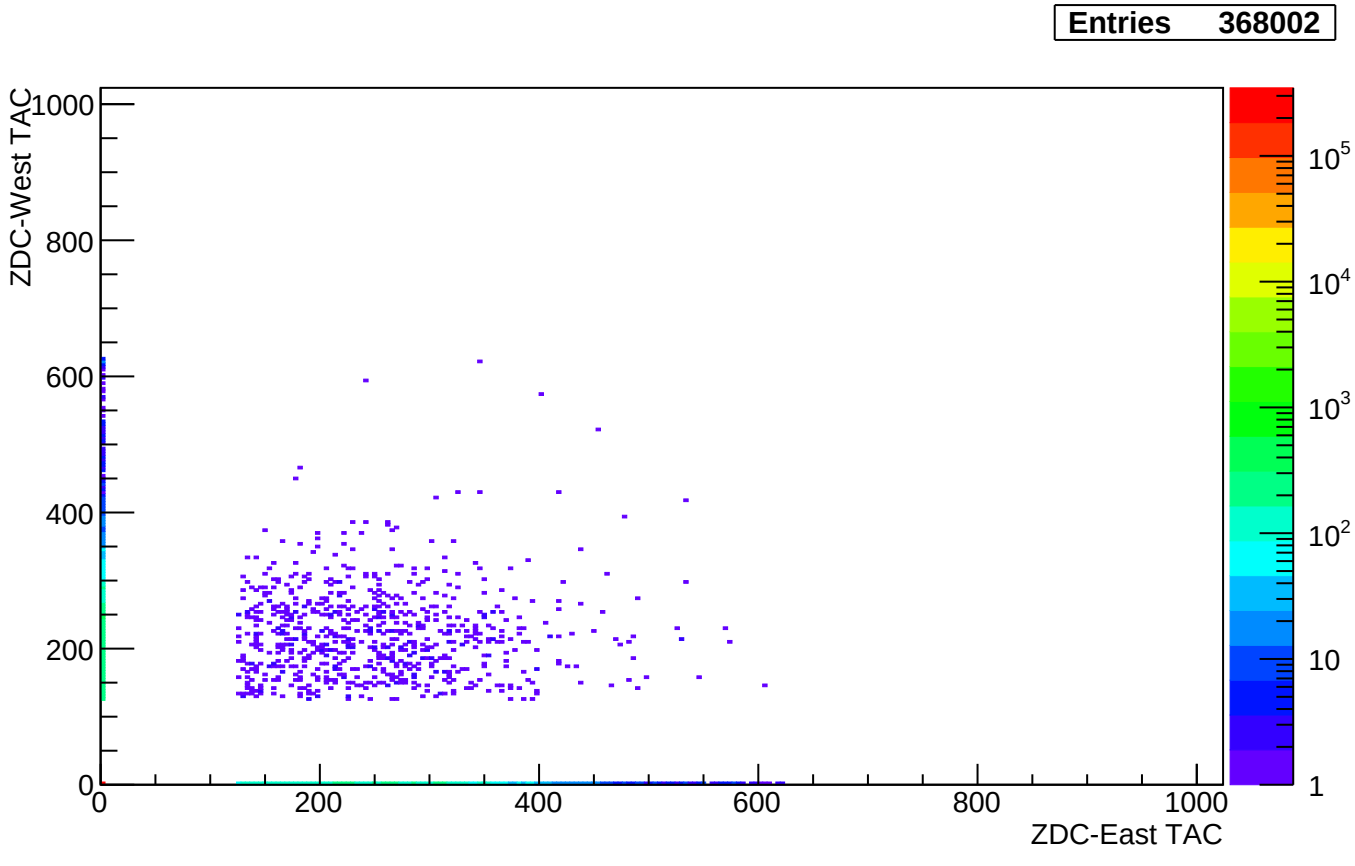

Entries 368002
TOF-Mult
VPD-East ADC Sum

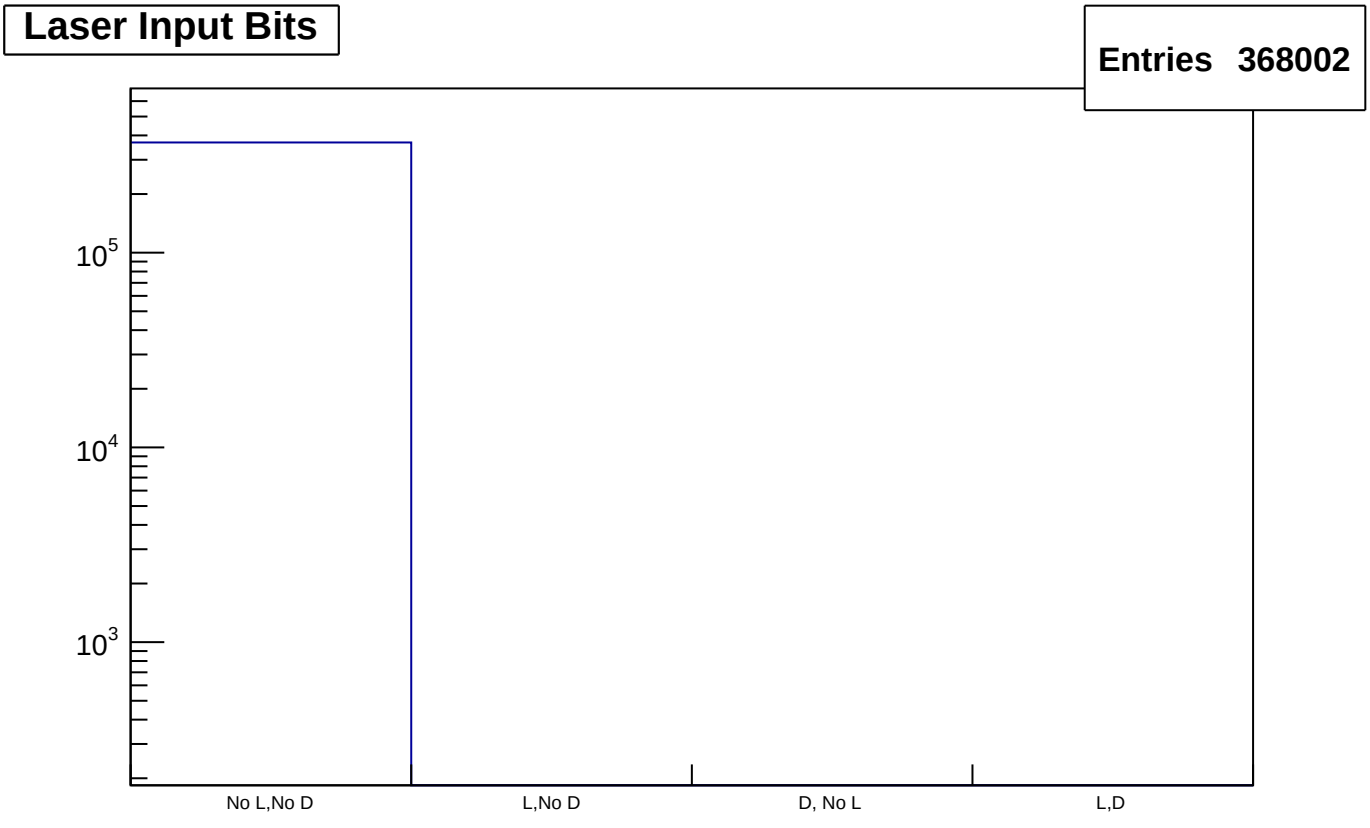

Entries 368002
TOF-Mult
VPD-West ADC Sum

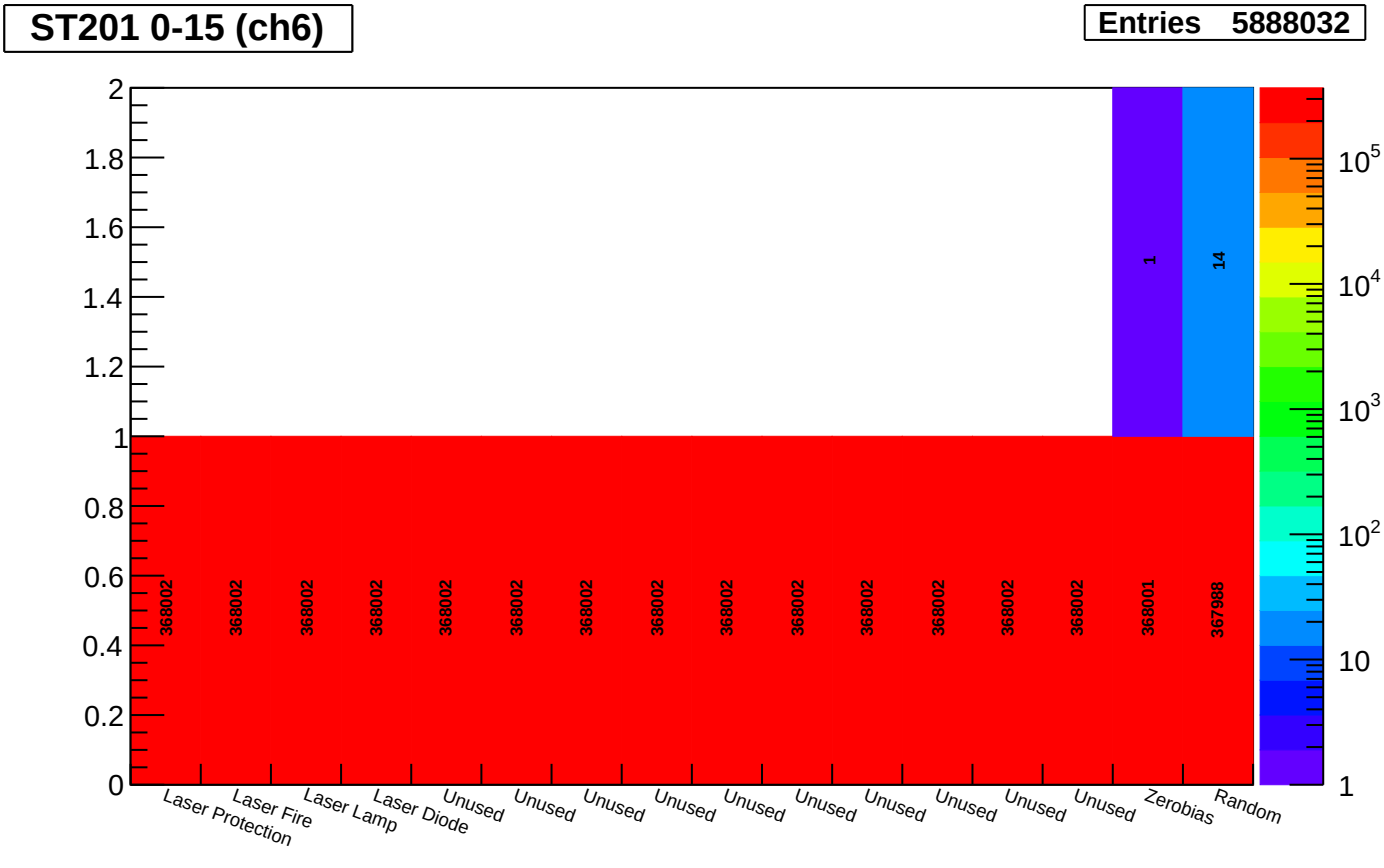

Entries 368002
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

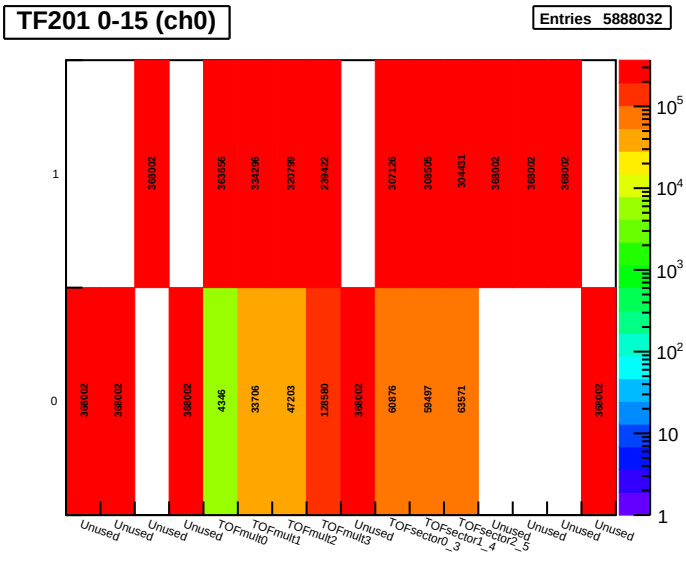

Entries 368002
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

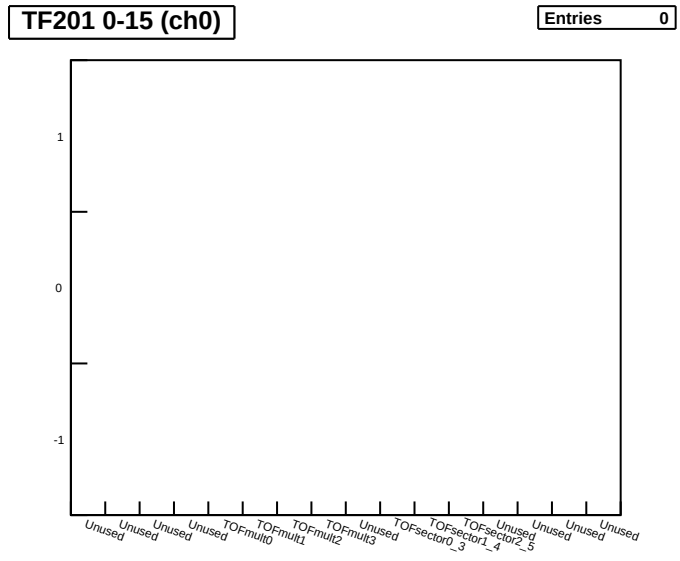

Entries 368002
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

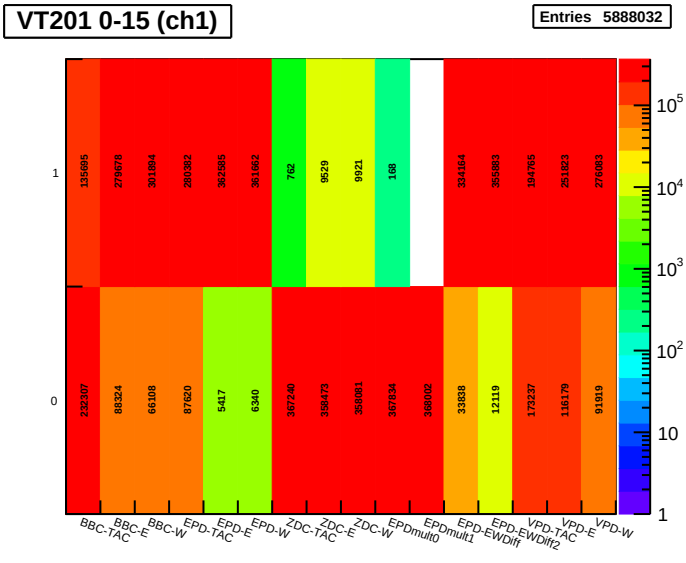

Entries 368002
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

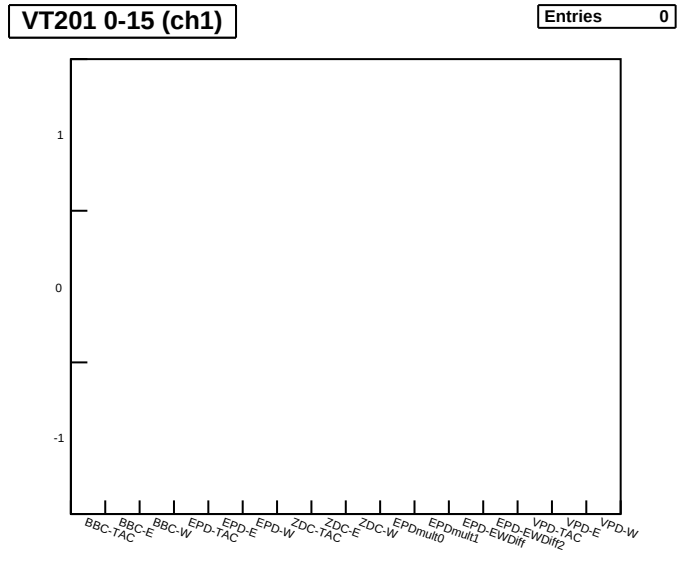

Laser Input Bits
Entries 368002
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

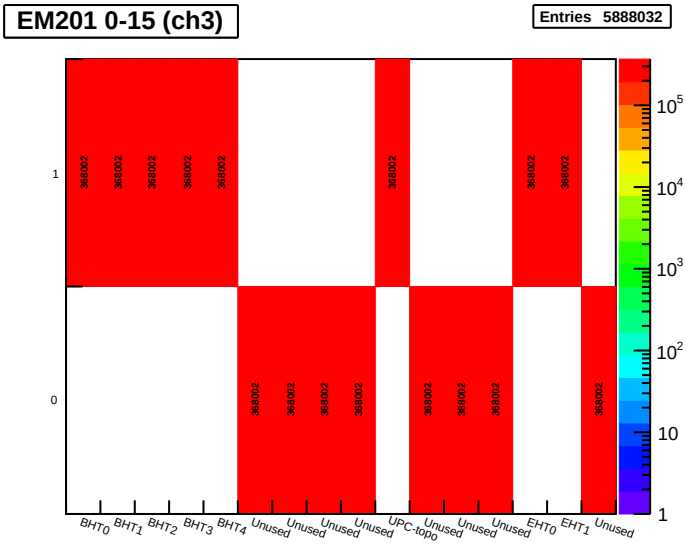

ST201 0-15 (ch6)
Entries 5888032
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
368002
368002
368002
368002
368002
368002
368002
368002
368002
368002
368002
368002
368002
368002
368001
367988
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

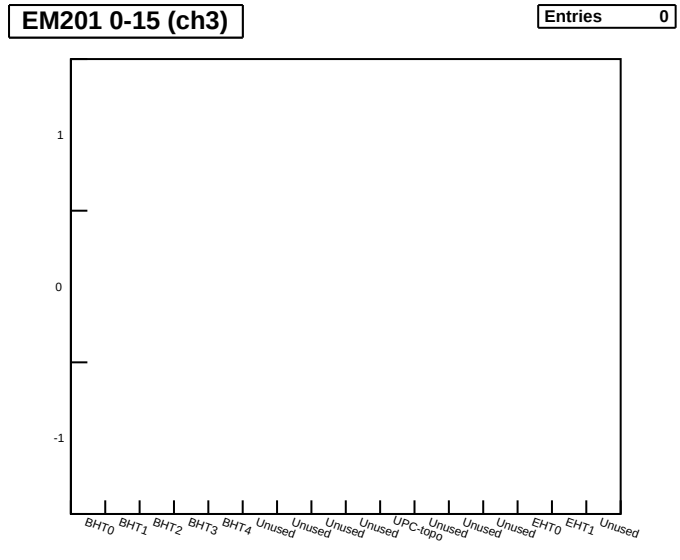

TF201 0-15 (ch0)
Entries 5888032
1
0
368002 368002 368002 368002 363656 334296 320799 239422 307126 308505 304431 368002 368002 368002
368002 368002 368002 4346 33706 47203 128580 368002 60876 59497 63571 368002
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 5888032
1
0
135695 279678 301894 280382 362585 361652 762 9529 9921 168 334164 355883 194765 251823 276083
232307 88324 66108 87620 5417 6340 367240 358473 358081 367834 368002 33838 12119 173237 116179 91919
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 5888032
1
0
368002 368002 368002 368002 368002 368002 368002
368002 368002 368002 368002 368002 368002 368002 368002
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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 Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused