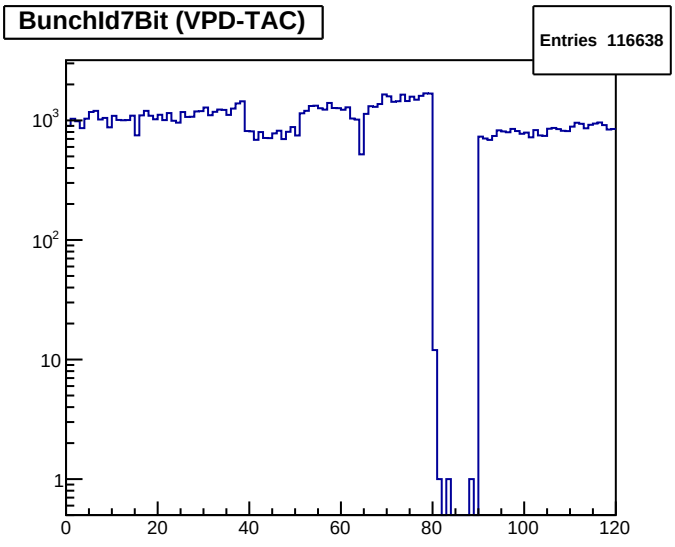
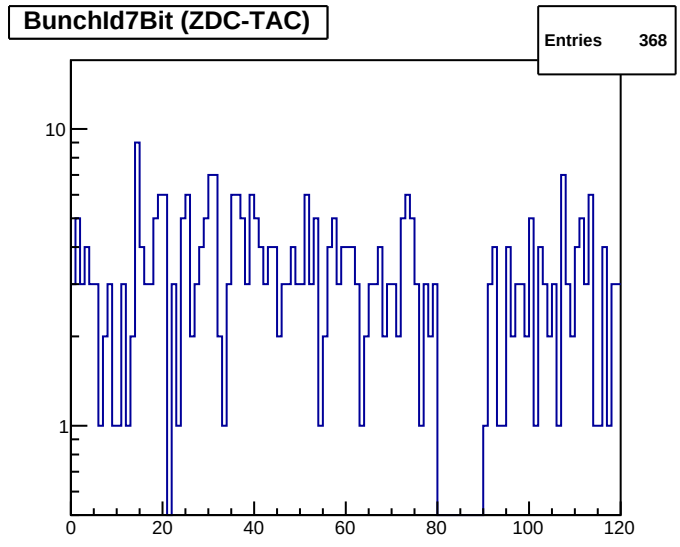
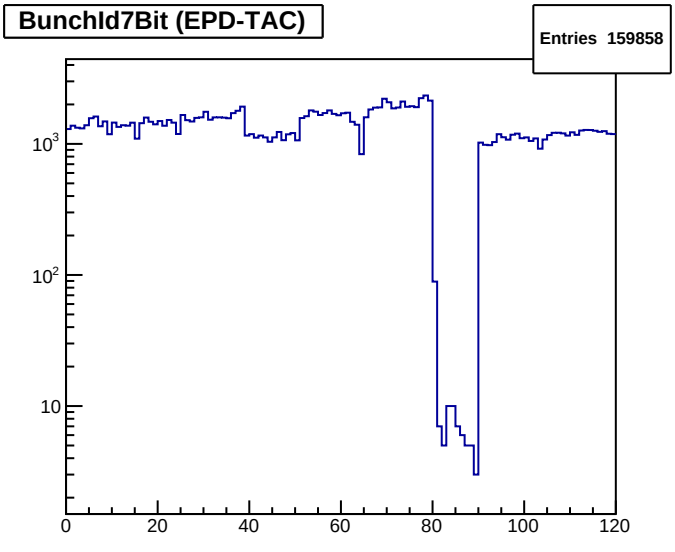
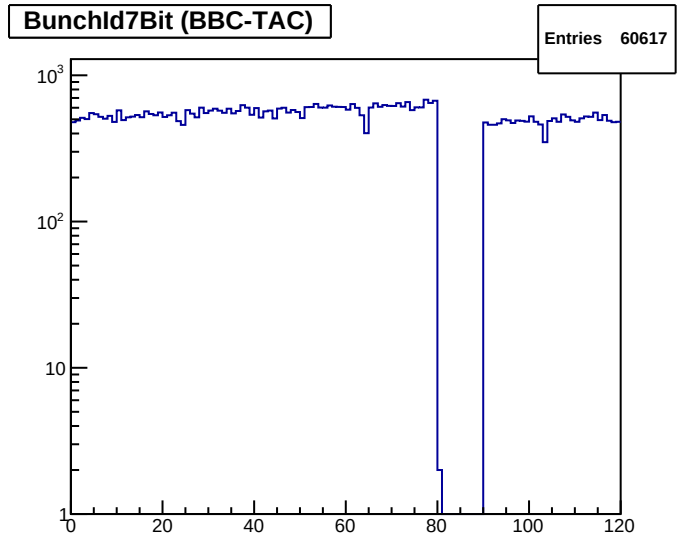
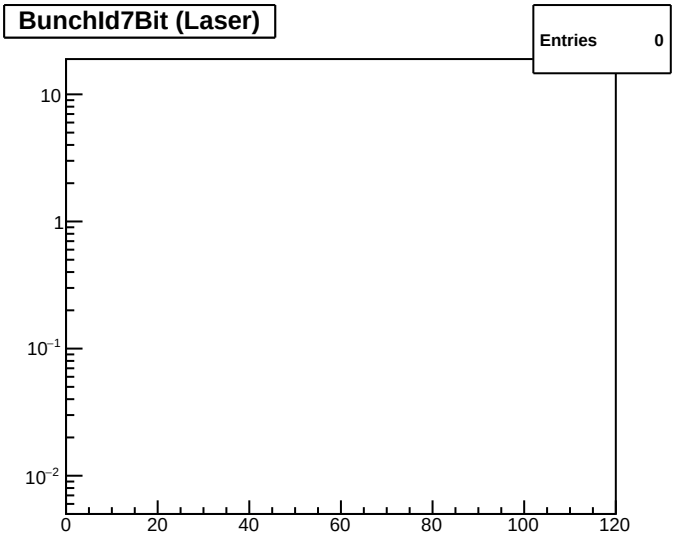
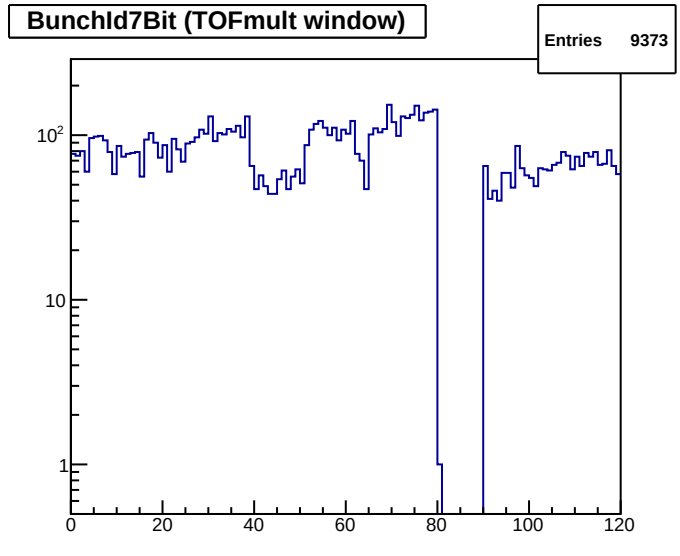

BunchId7Bit (VPD-TAC)
Entries 116638

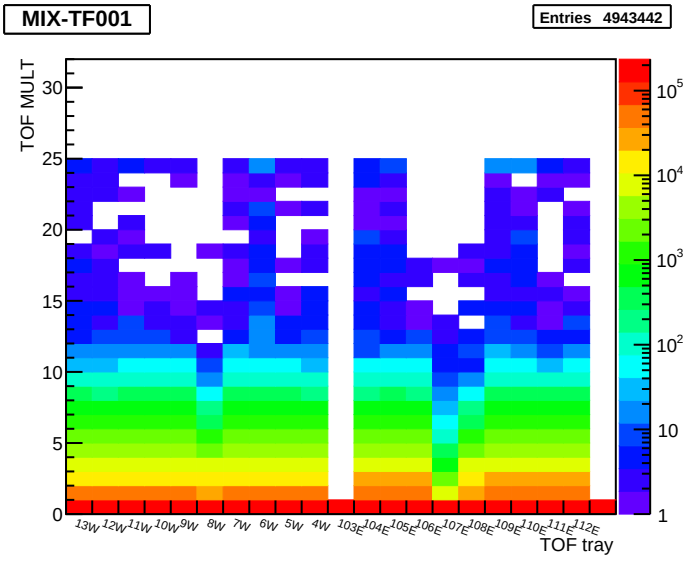

BunchId7Bit (ZDC-TAC)
Entries 368

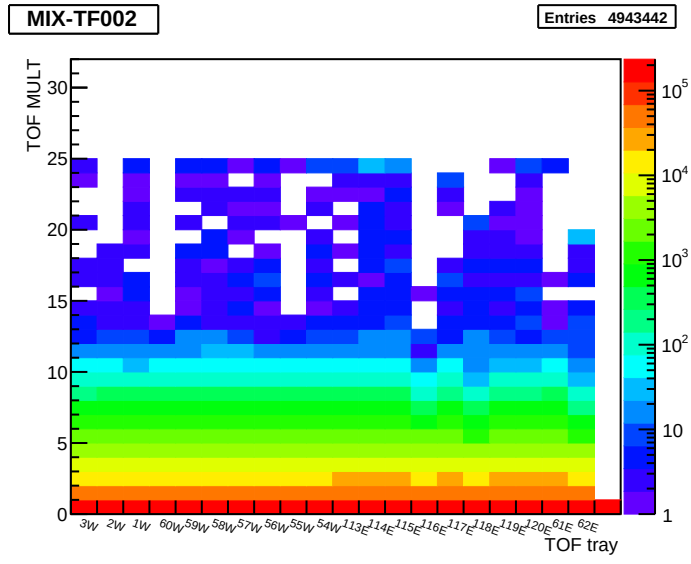

BunchId7Bit (EPD-TAC)
Entries 159858

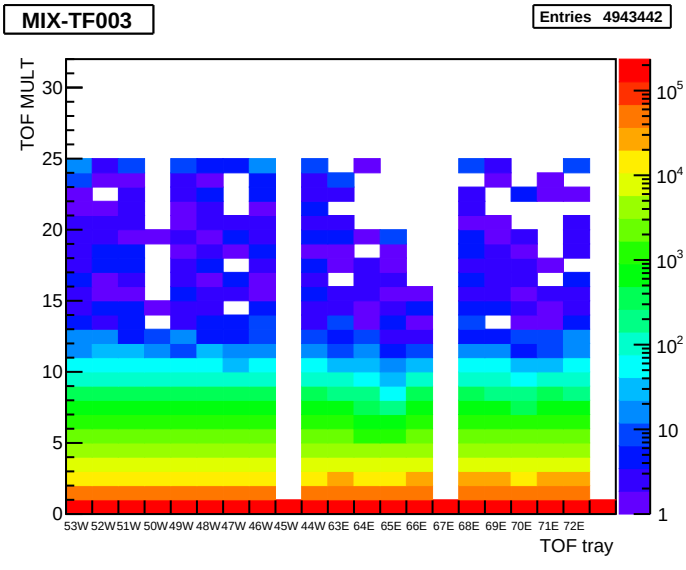

BunchId7Bit (BBC-TAC)
Entries 60617

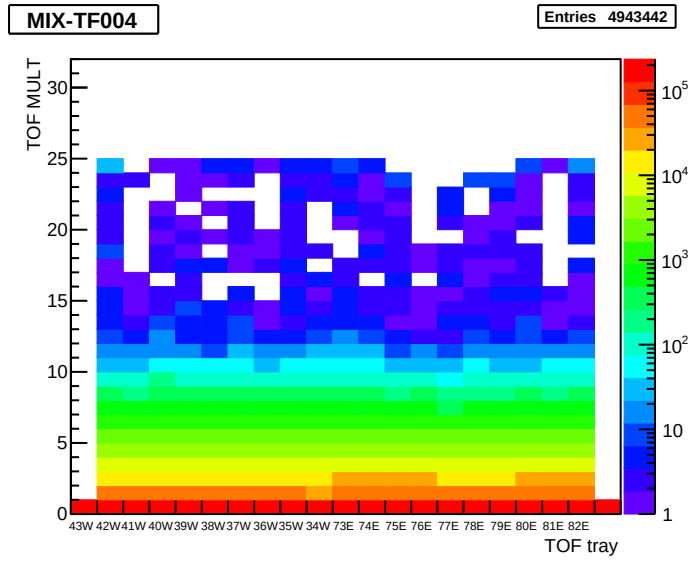

BunchId7Bit (Laser)
Entries 0

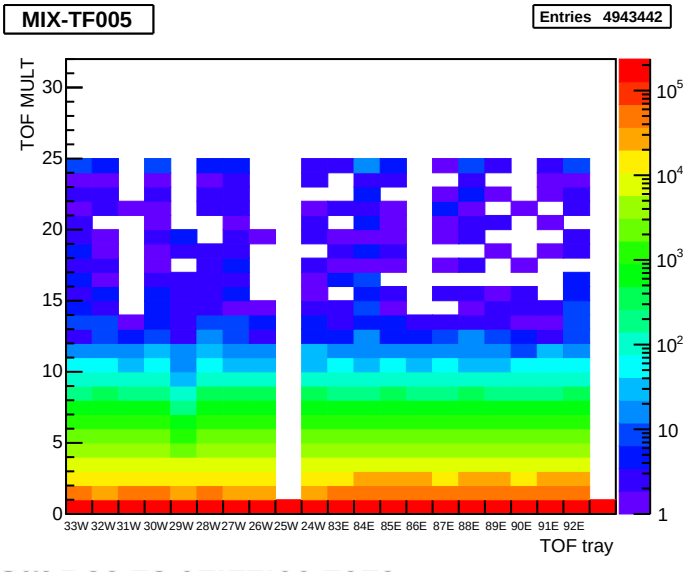

BunchId7Bit (TOFmult window)
Entries 9373

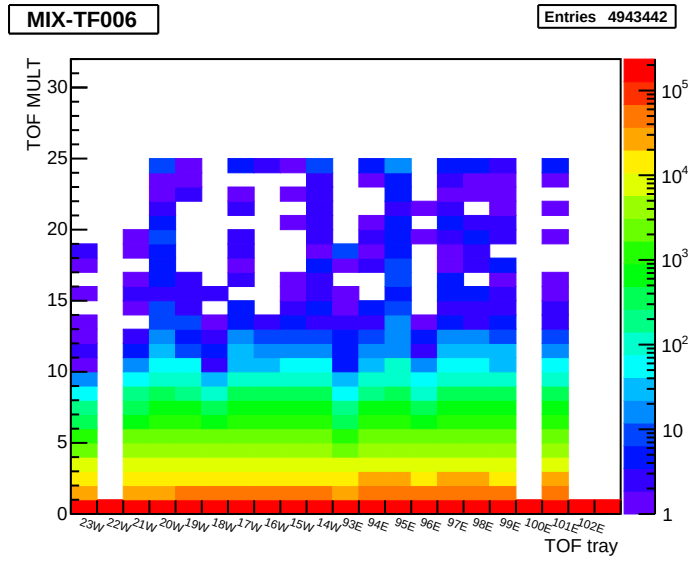

MIX-TF001
Entries 4943442
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

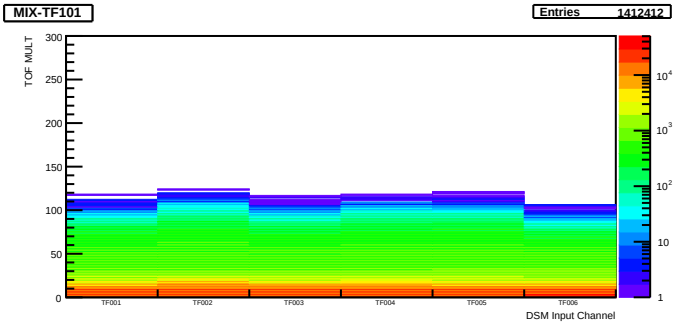

MIX-TF002
Entries 4943442
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

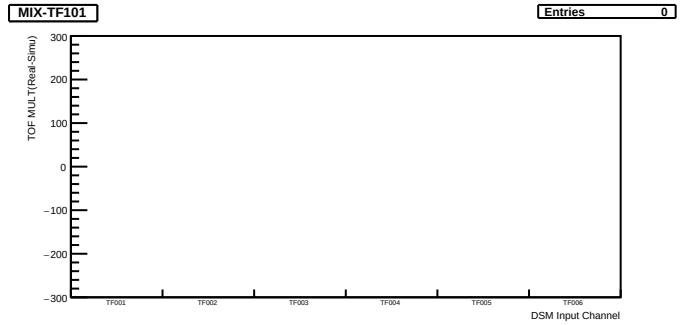

MIX-TF003
Entries 4943442
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

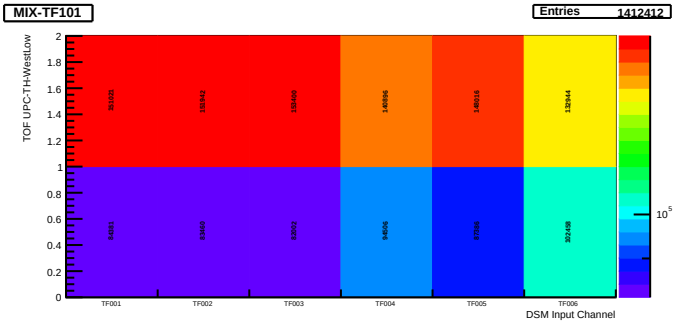

MIX-TF004
Entries 4943442
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

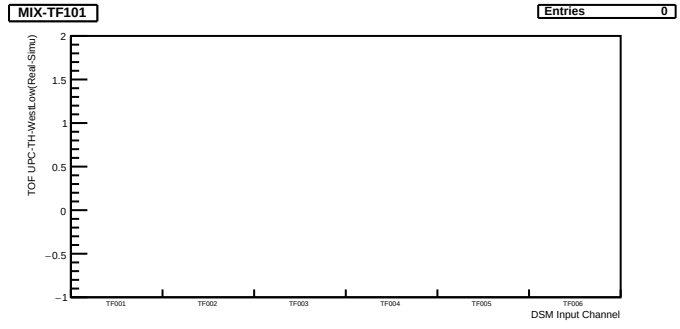

MIX-TF005
Entries 4943442
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

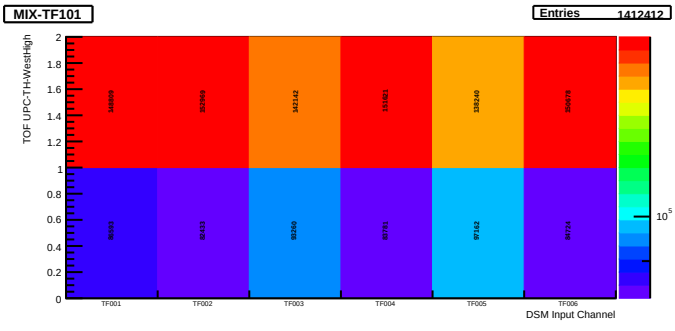

MIX-TF006
Entries 4943442
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

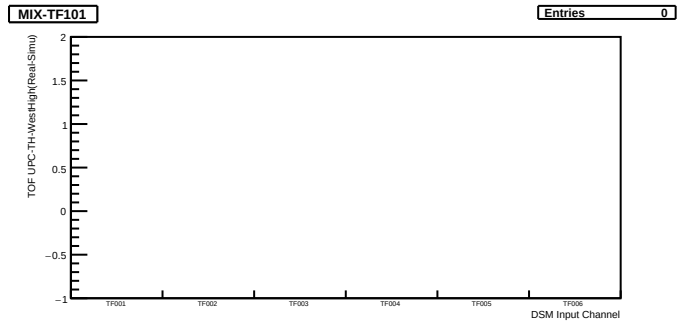

MIX-TF101
Entries 1412412
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

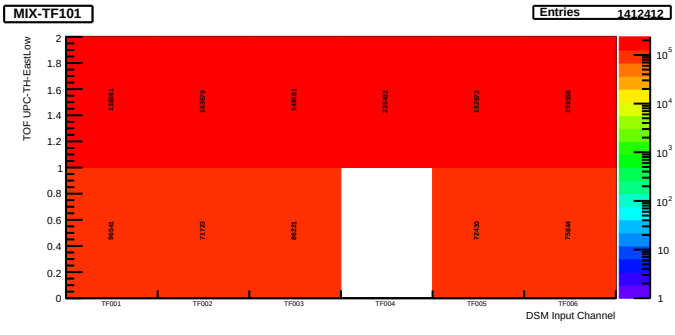

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

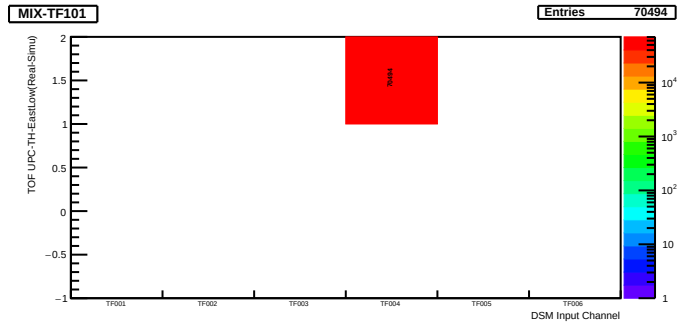

MIX-TF101
Entries 1412412
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

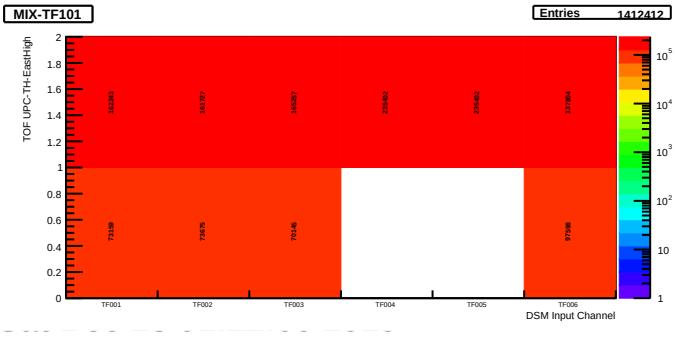

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

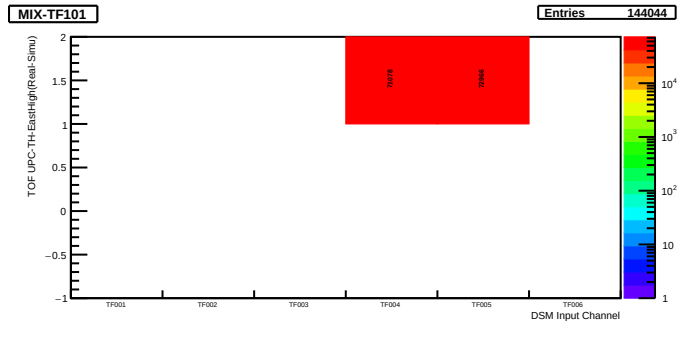

MIX-TF101
Entries 1412412
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

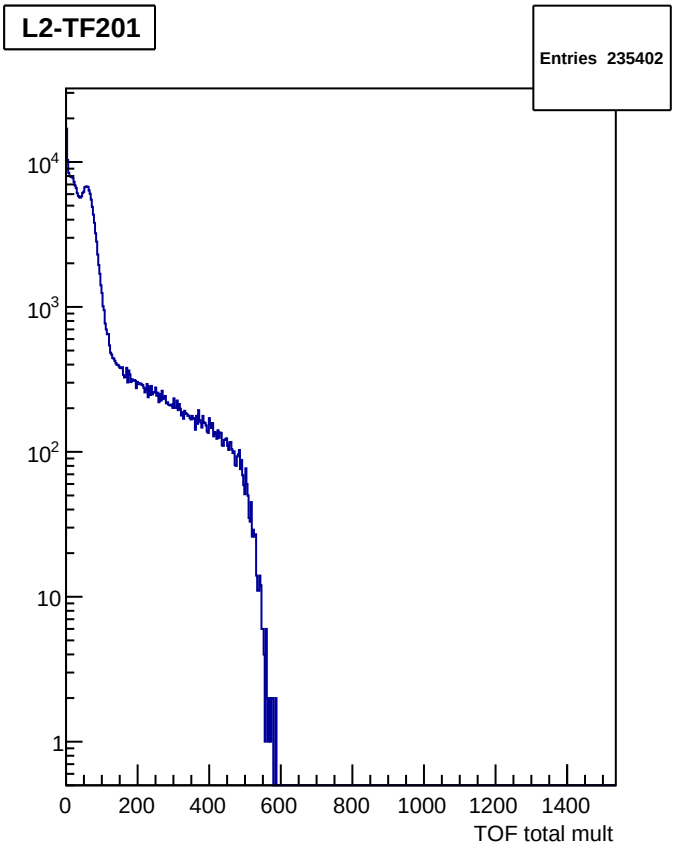

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

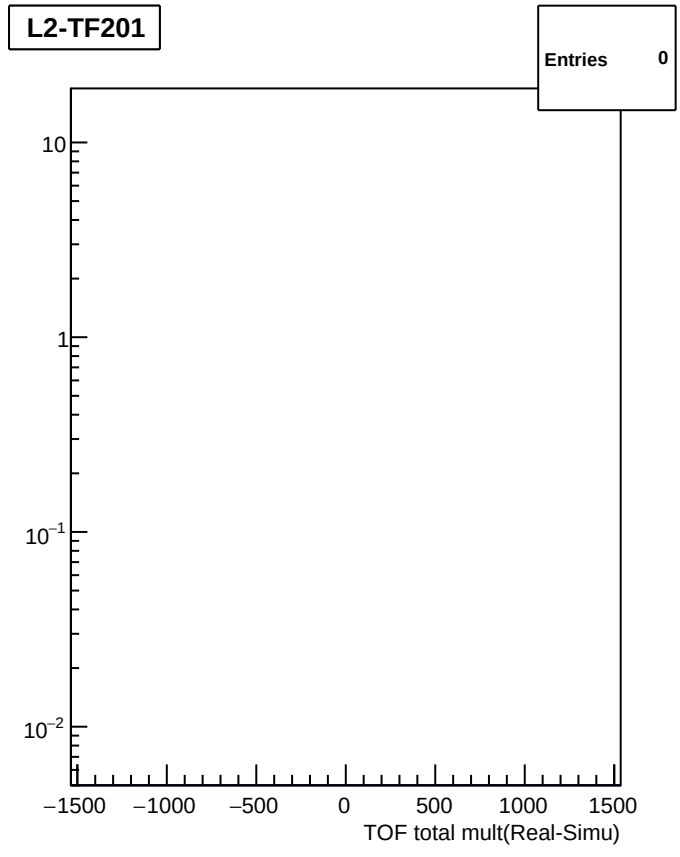

MIX-TF101
Entries 1412412
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

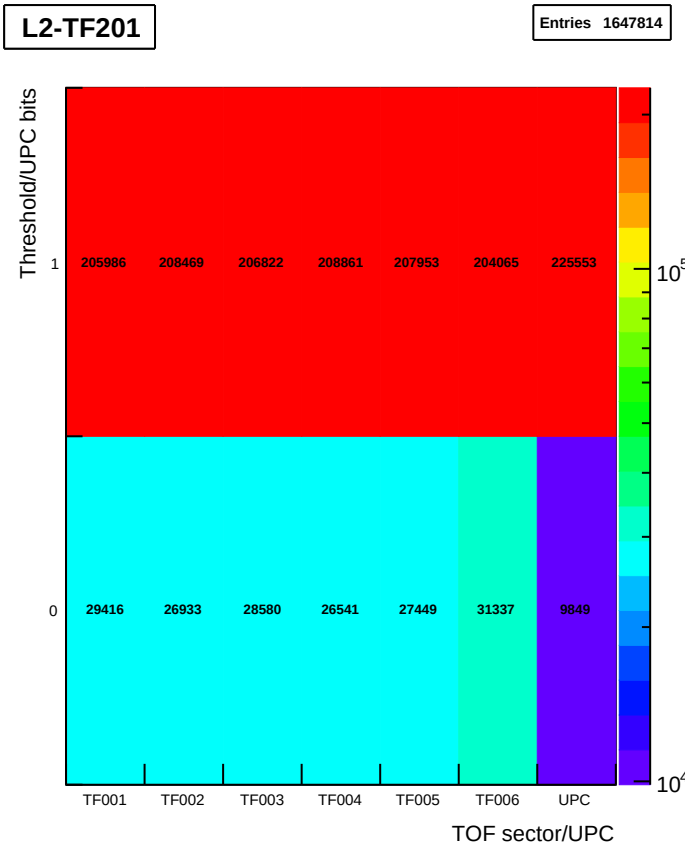

MIX-TF101
Entries 70494
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

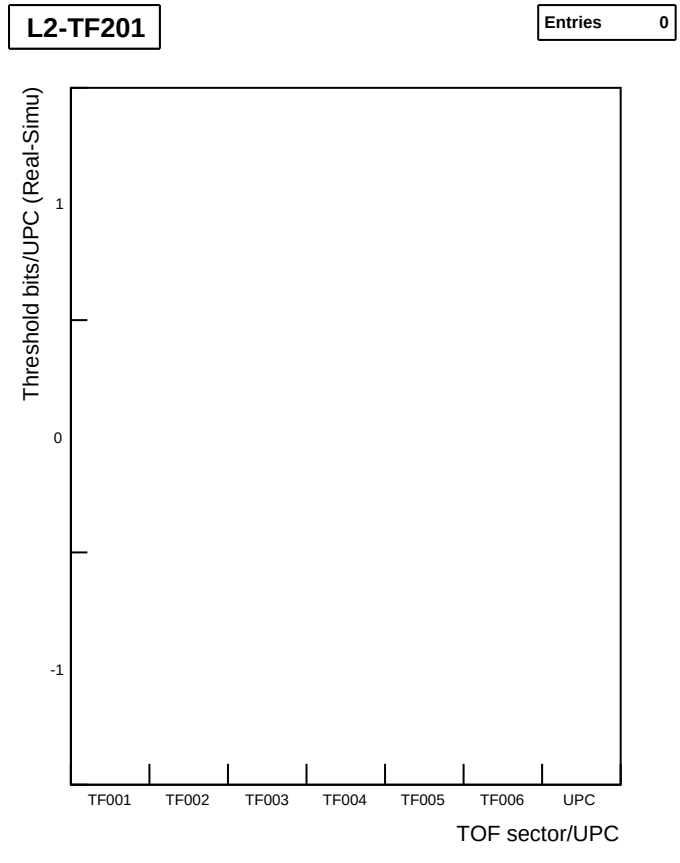

MIX-TF101
Entries 1412412
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

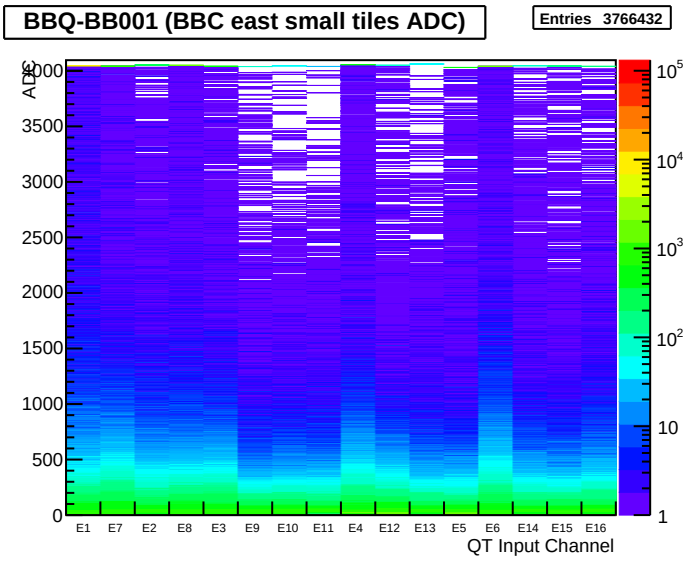

MIX-TF101
Entries 144044
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

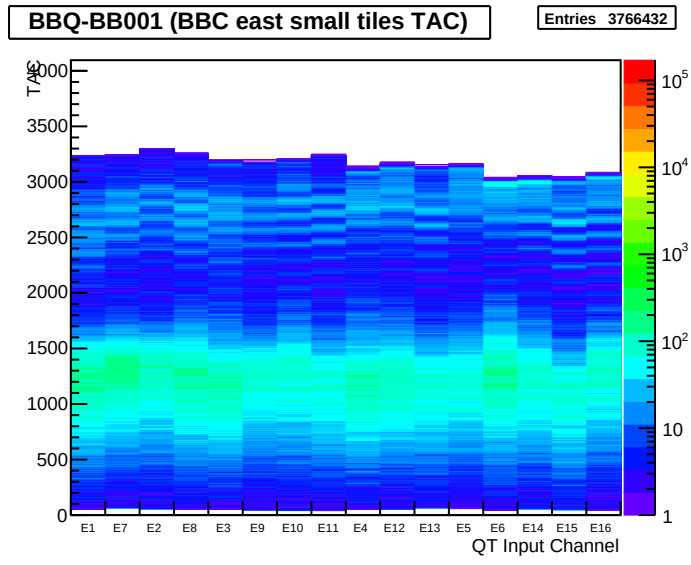

L2-TF201
Entries 235402
TOF total mult

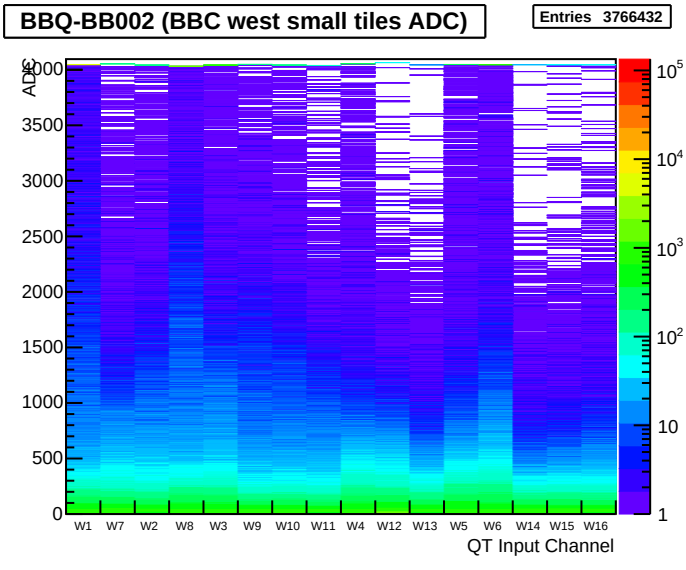

L2-TF201
Entries 0
TOF total mult(Real-Simu)

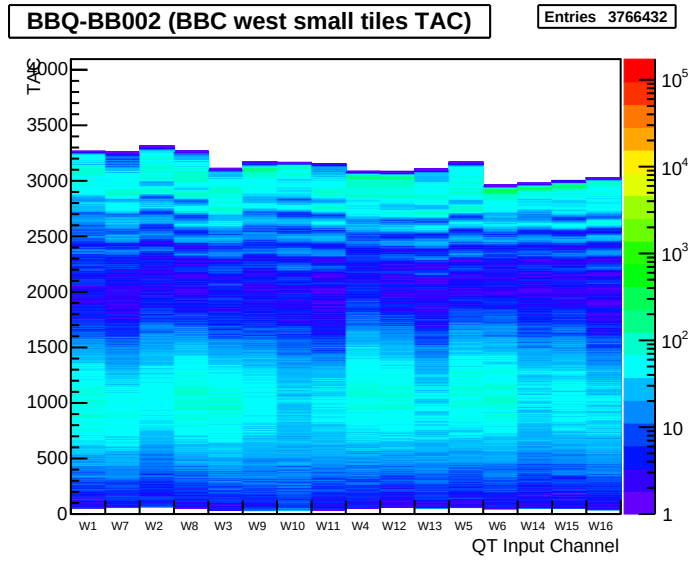

L2-TF201
Entries 1647814
Threshold/UPC bits
205986 208469 206822 208861 207953 204065 225553
29416 26933 28580 26541 27449 31337 9849
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

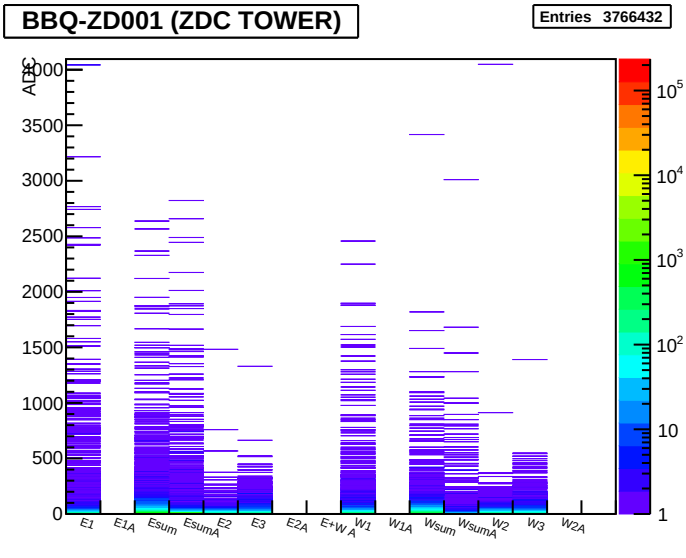

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

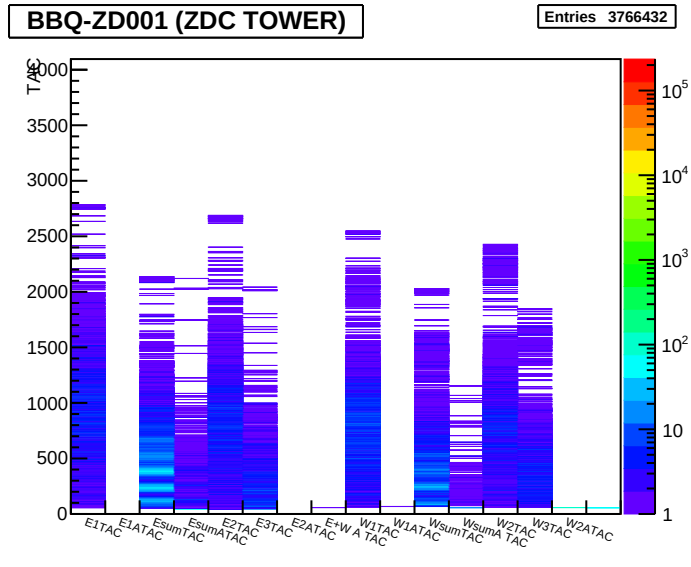

BBQ-BB001 (BBC east small tiles ADC)
Entries 3766432
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

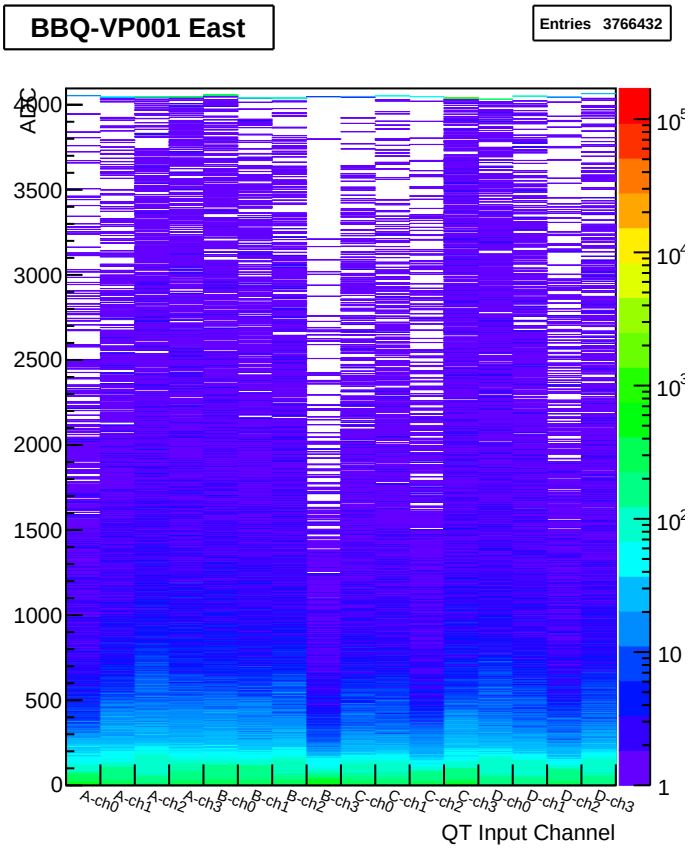

BBQ-BB001 (BBC east small tiles TAC)
Entries 3766432
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

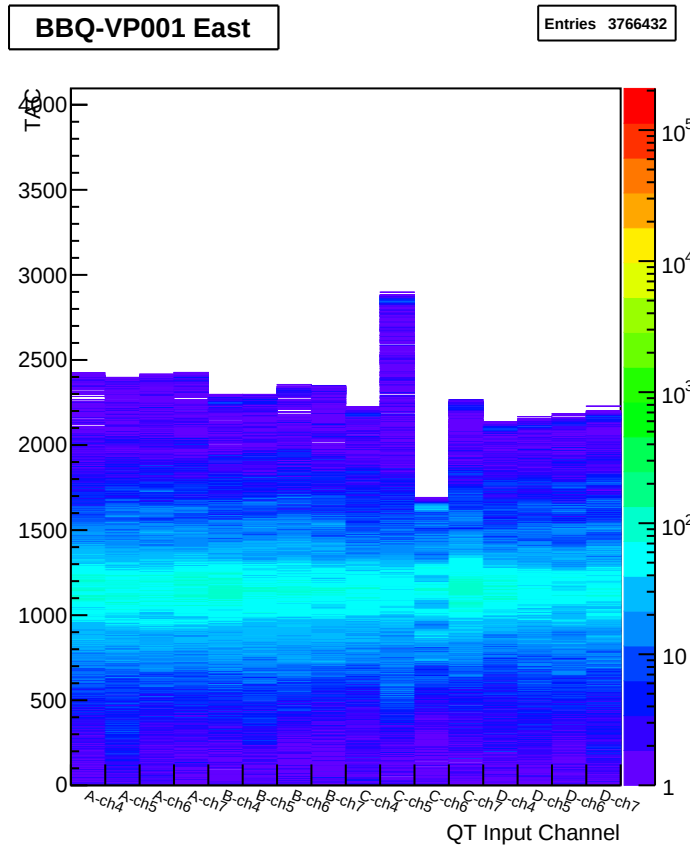

BBQ-BB002 (BBC west small tiles ADC)
Entries 3766432
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

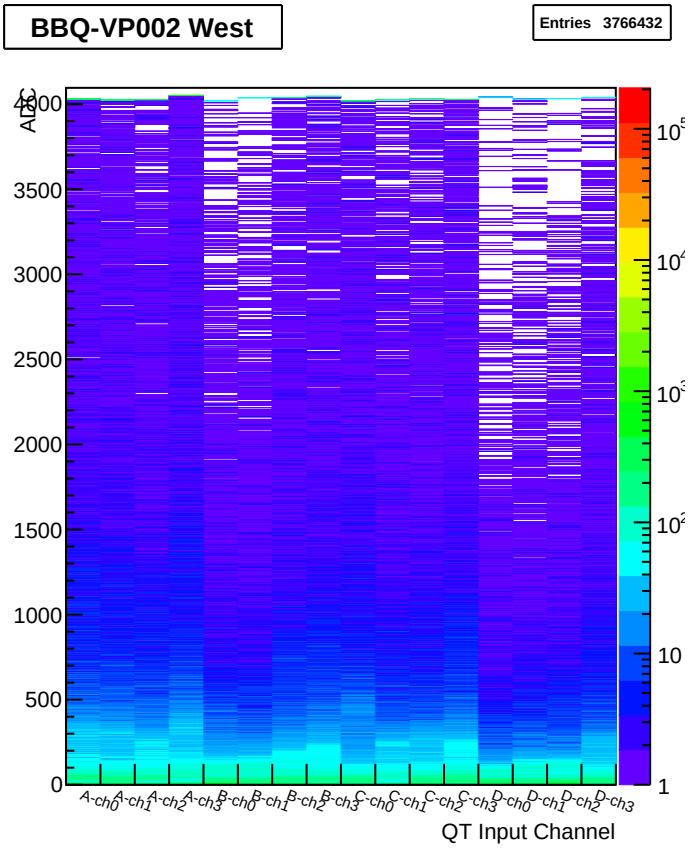

BBQ-BB002 (BBC west small tiles TAC)
Entries 3766432
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

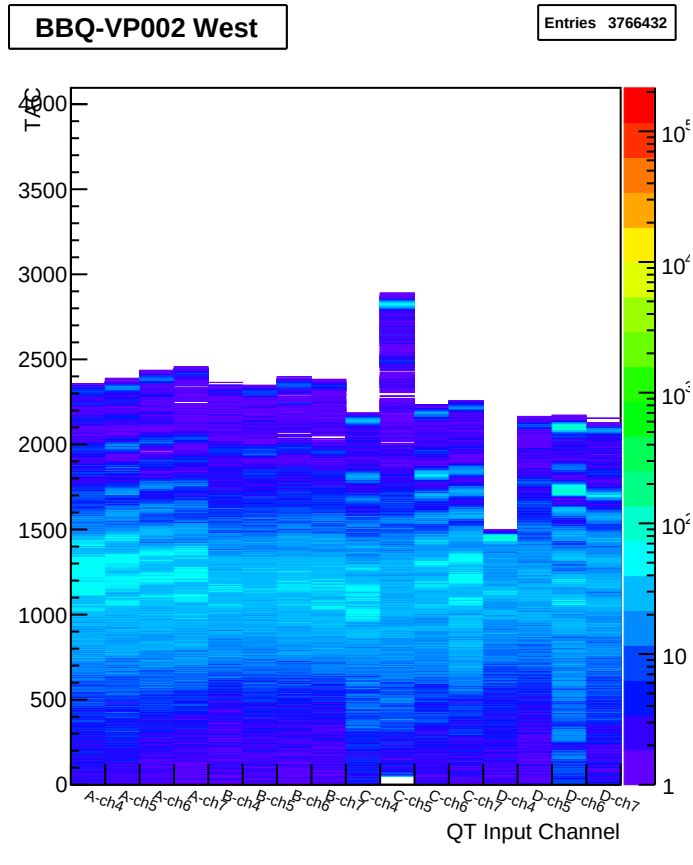

BBQ-ZD001 (ZDC TOWER)
Entries 3766432
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

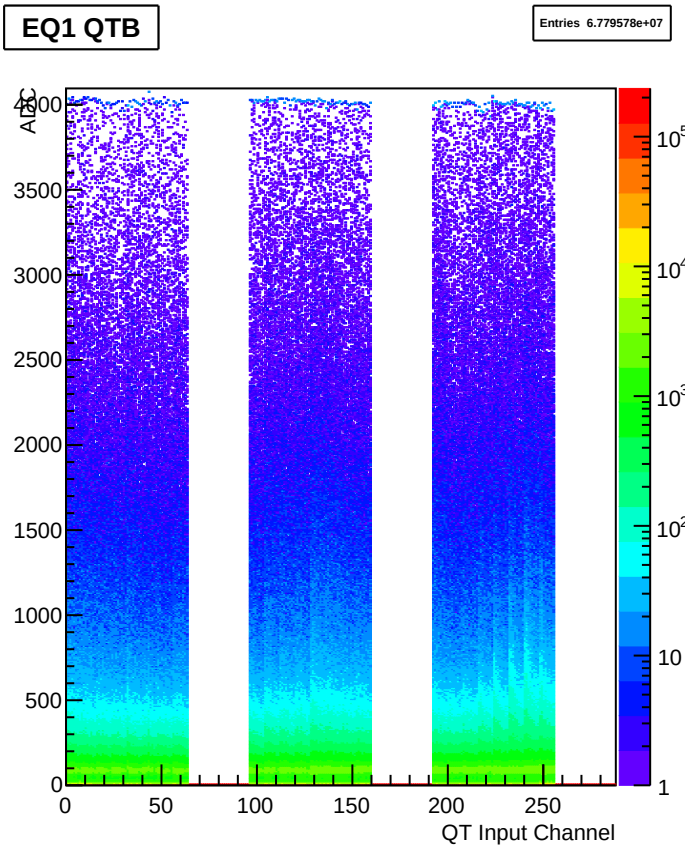

BBQ-ZD001 (ZDC TOWER)
Entries 3766432
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

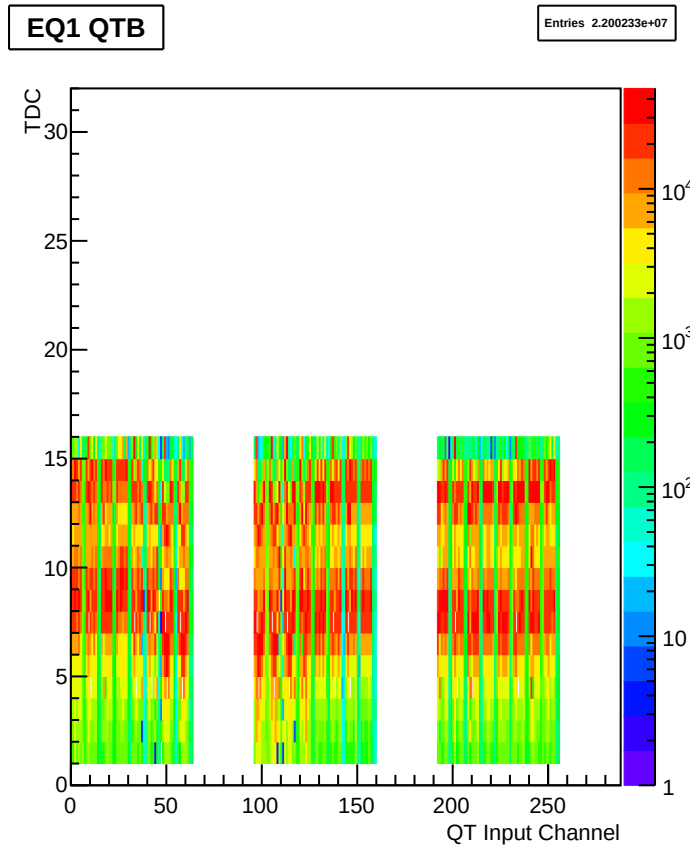

BBQ-VP001 East
Entries 3766432
ADC
QT Input Channel

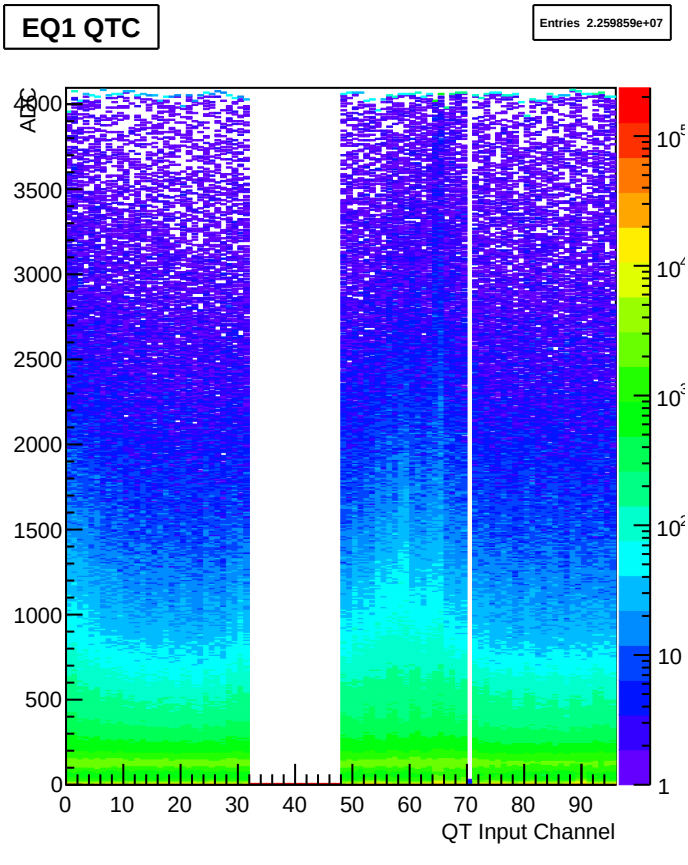

BBQ-VP001 East
Entries 3766432
TADC
QT Input Channel

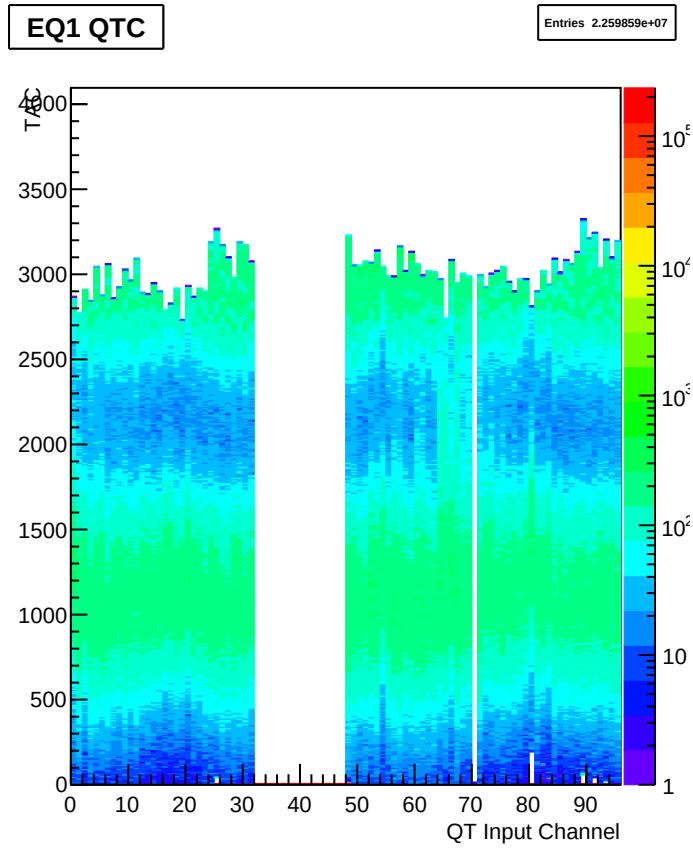

BBQ-VP002 West
Entries 3766432
ADC
QT Input Channel

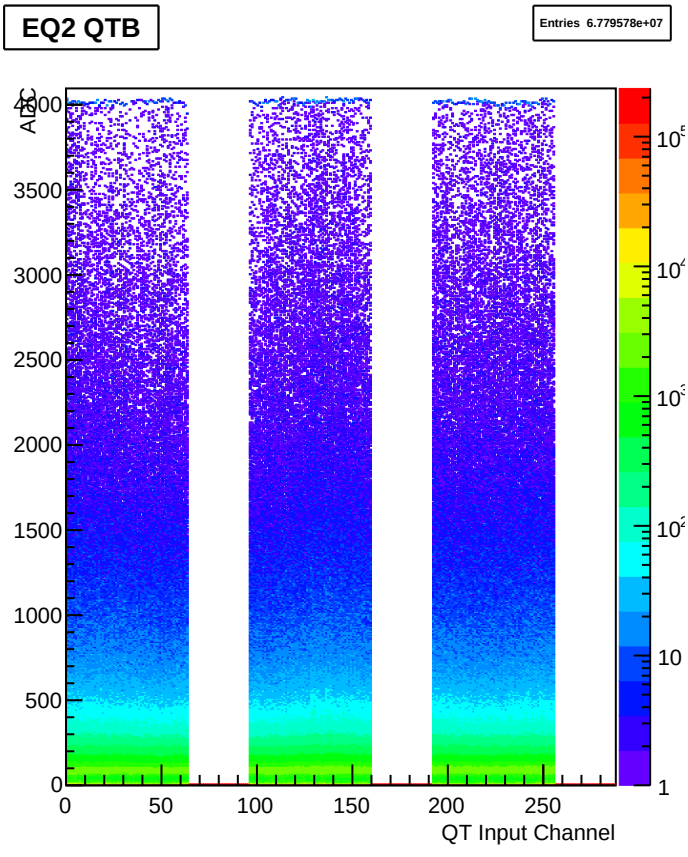

BBQ-VP002 West
Entries 3766432
TADC
QT Input Channel

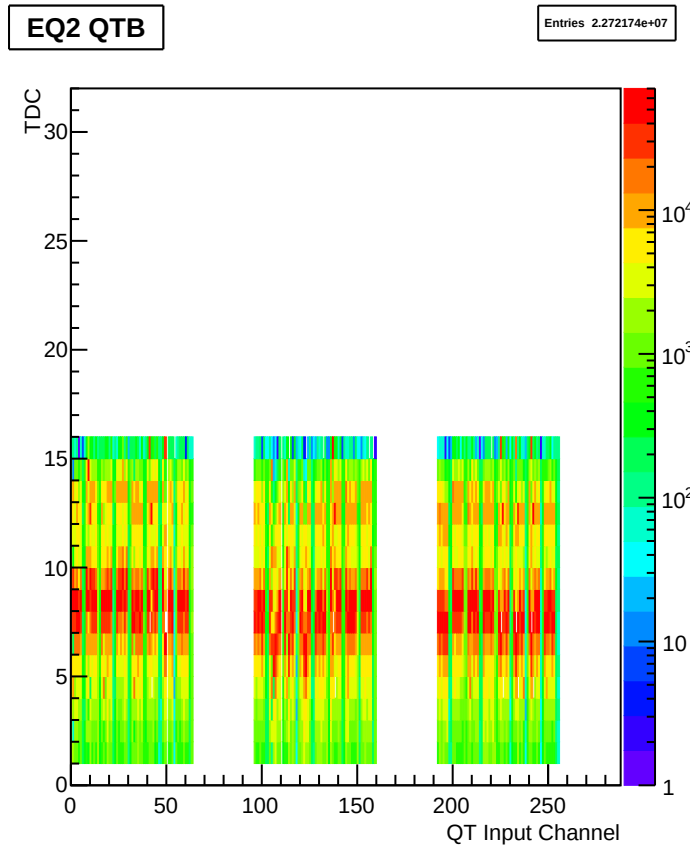

EQ1 QTB
Entries 6.779578e+07
ADC
QT Input Channel

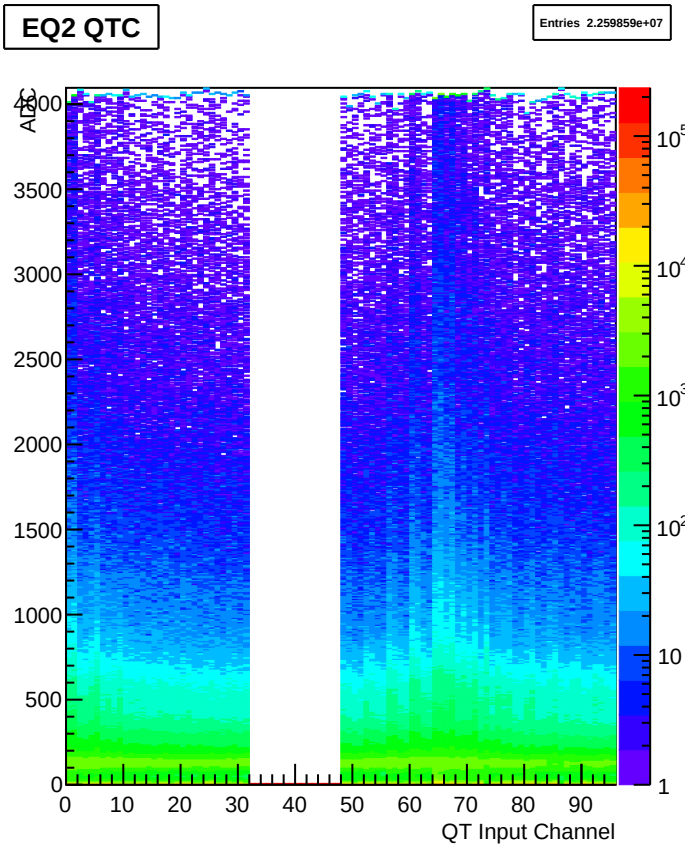

EQ1 QTB
Entries 2.200233e+07
TDC
QT Input Channel

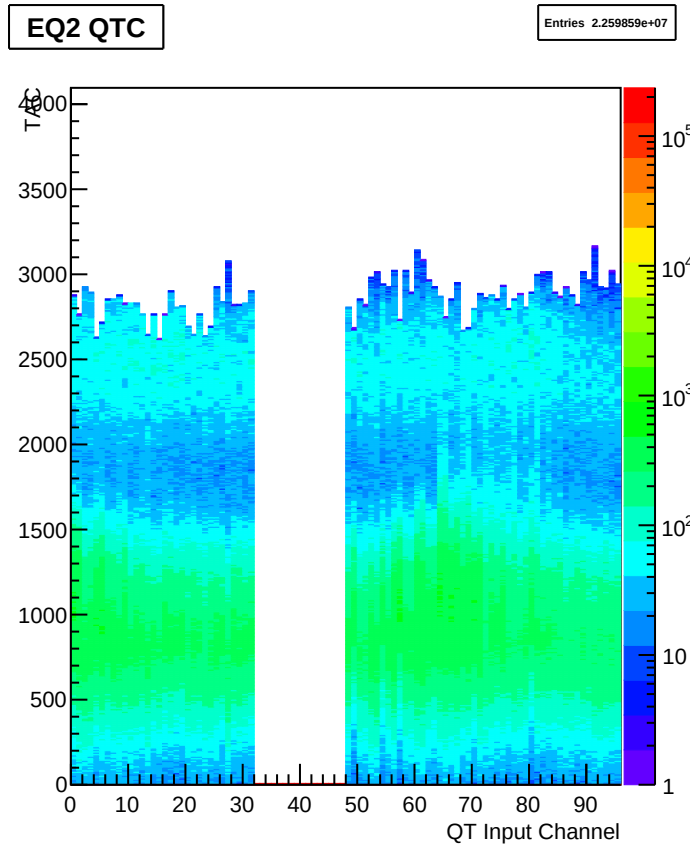

EQ1 QTC
Entries 2.259859e+07
ADC
QT Input Channel

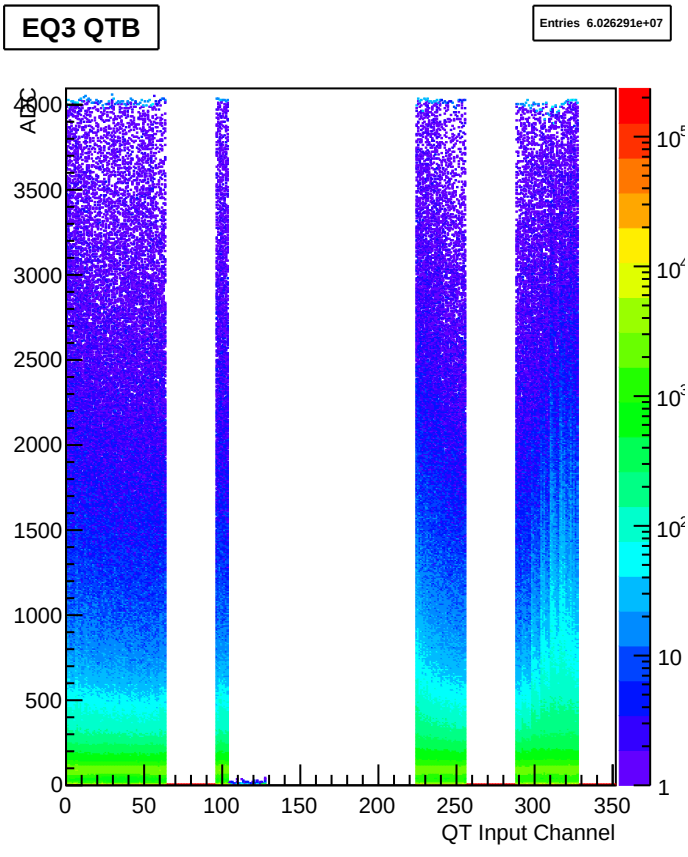

EQ1 QTC
Entries 2.259859e+07
TADC
QT Input Channel

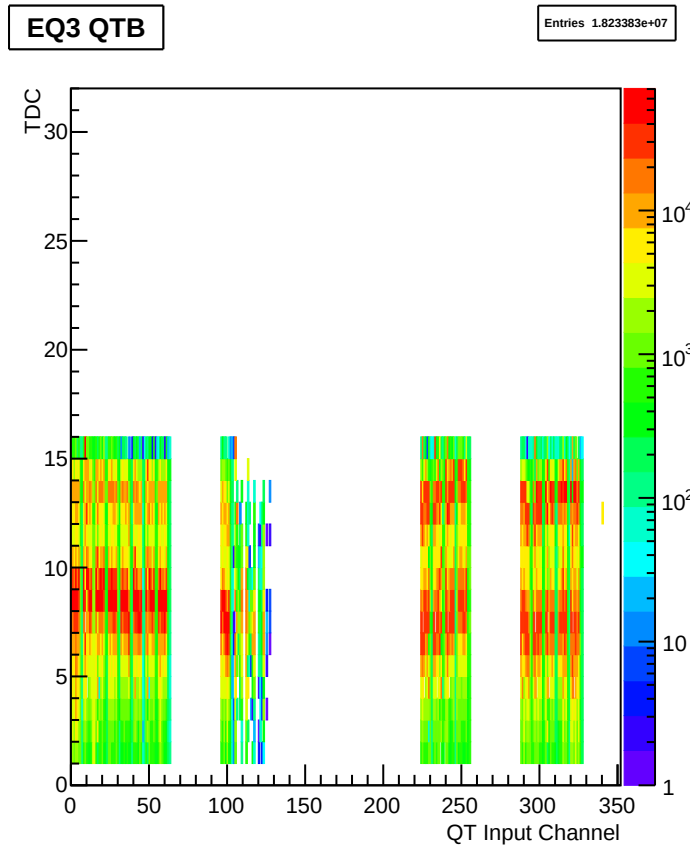

EQ2 QTB
Entries 6.779578e+07
ADC
QT Input Channel

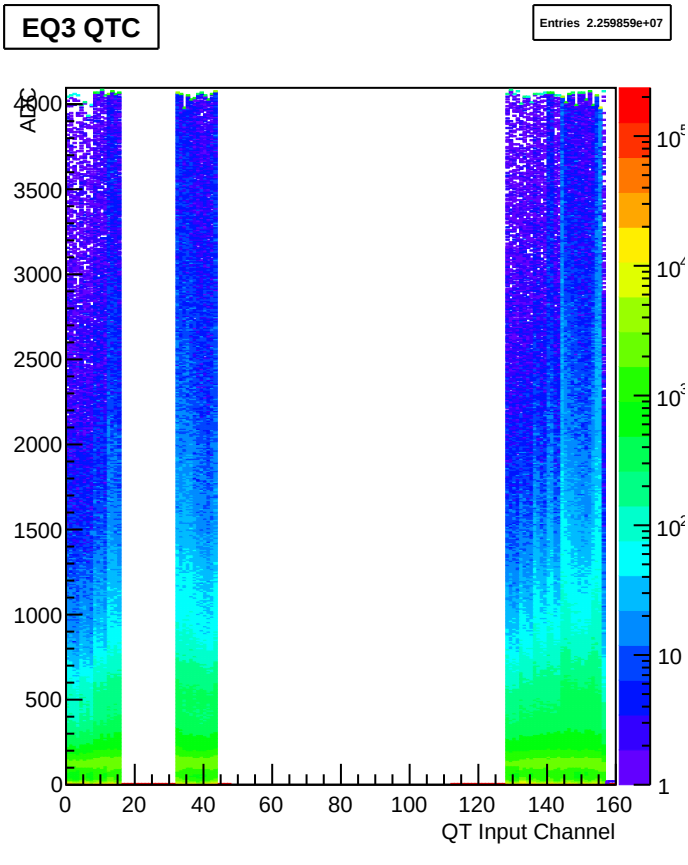

EQ2 QTB
Entries 2.272174e+07
TDC
QT Input Channel

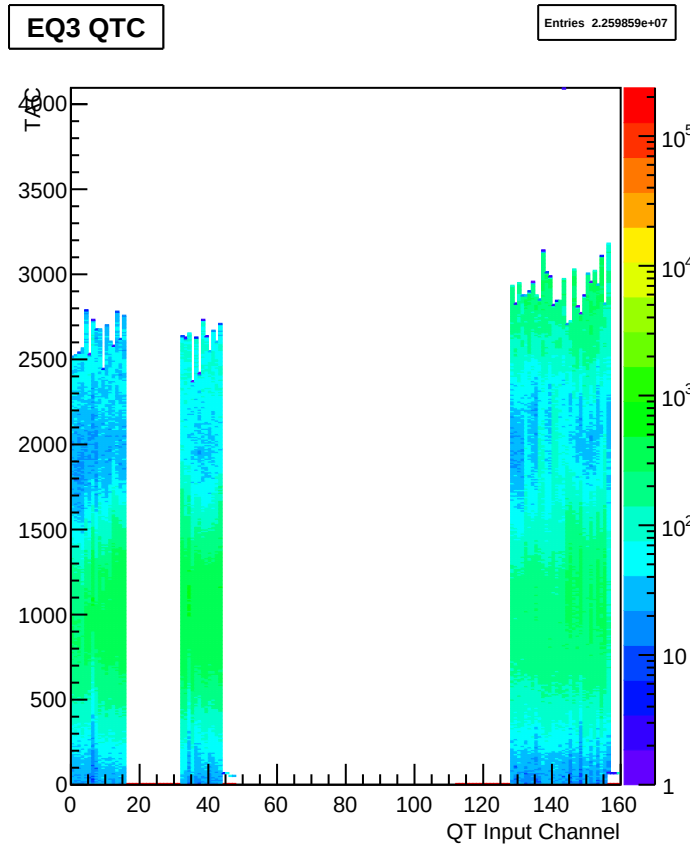

EQ2 QTC
Entries 2.259859e+07
ADC
QT Input Channel

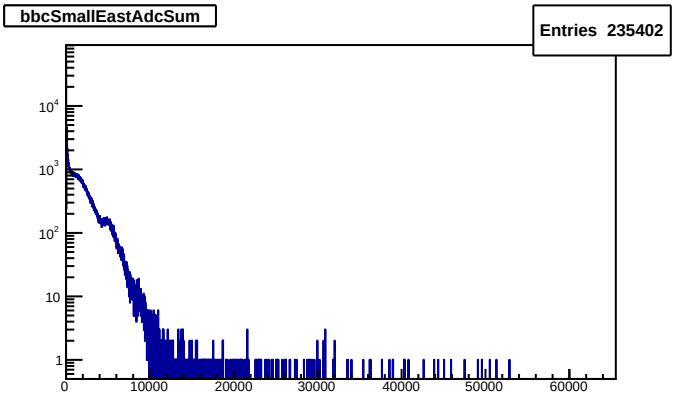

EQ2 QTC
Entries 2.259859e+07
TADC
QT Input Channel

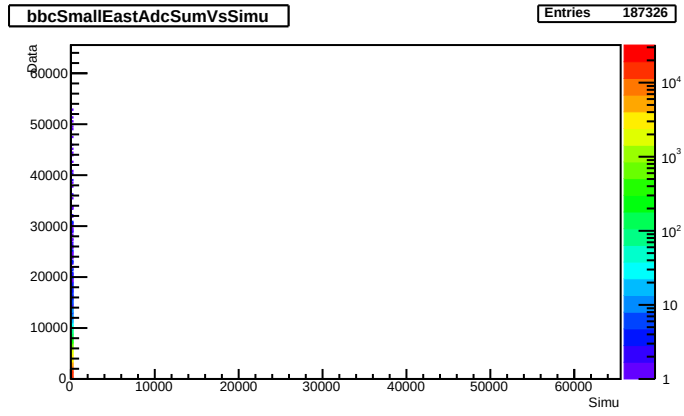

EQ3 QTB
Entries 6.026291e+07
ADC
QT Input Channel

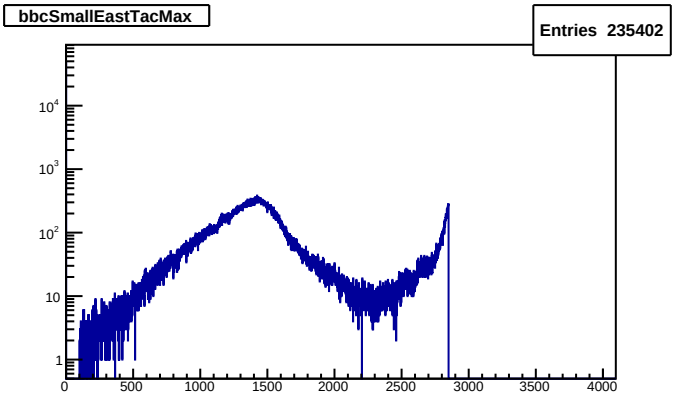

EQ3 QTB
Entries 1.823383e+07
TDC
QT Input Channel

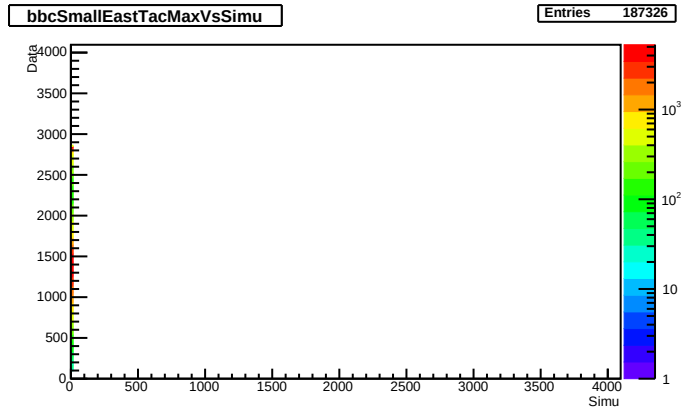

EQ3 QTC
Entries 2.259859e+07
ADC
QT Input Channel

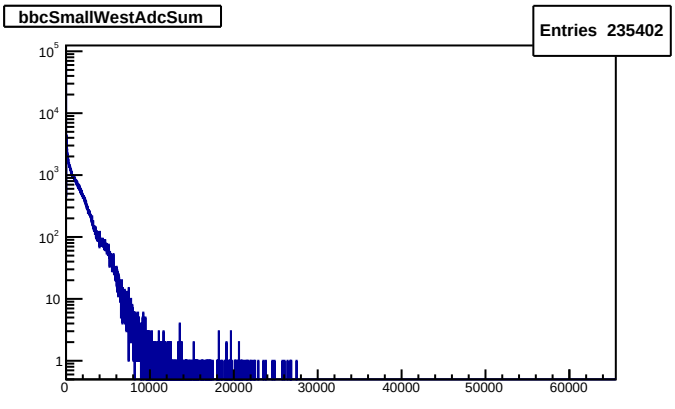

EQ3 QTC
Entries 2.259859e+07
TADC
QT Input Channel

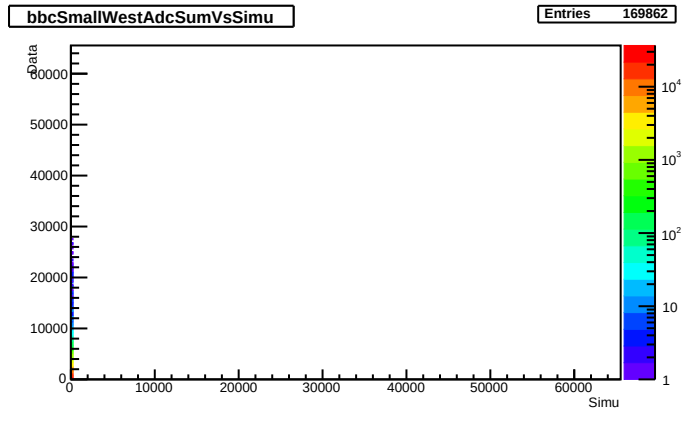

bbcSmallEastAdcSum
Entries 235402

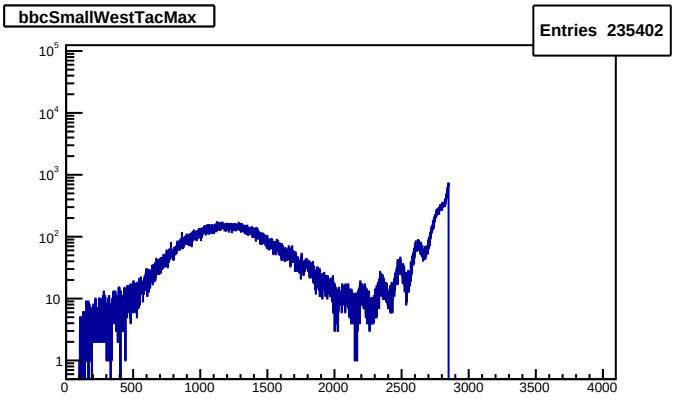

bbcSmallEastAdcSumVsSimu
Entries 187326
Data
Simu

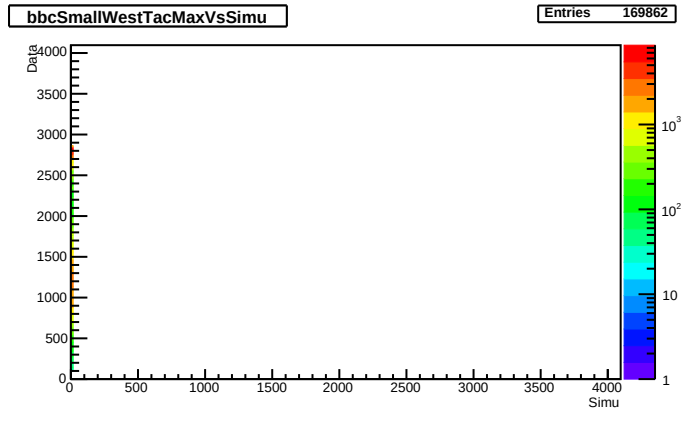

bbcSmallEastTacMax
Entries 235402

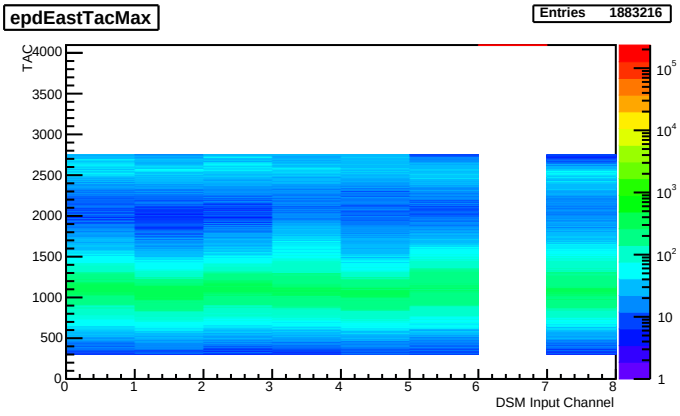

bbcSmallEastTacMaxVsSimu
Entries 187326
Data
Simu

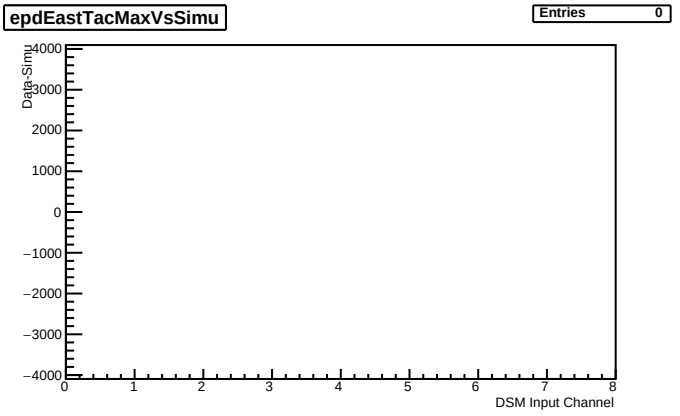

bbcSmallWestAdcSum
Entries 235402

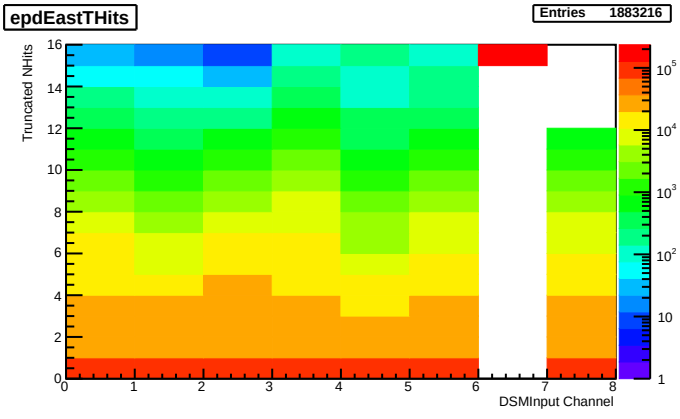

bbcSmallWestAdcSumVsSimu
Entries 169862
Data
Simu

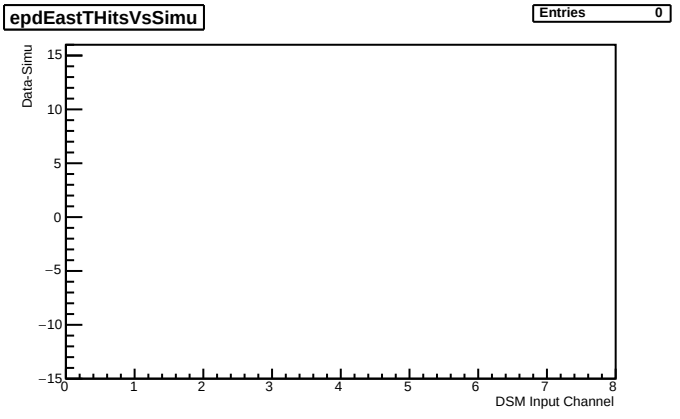

bbcSmallWestTacMax
Entries 235402

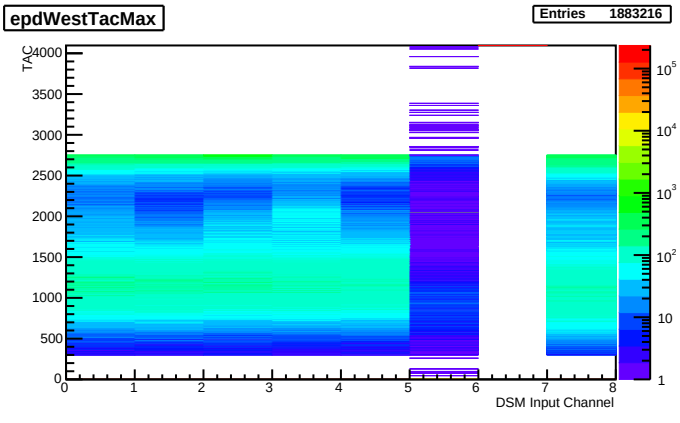

bbcSmallWestTacMaxVsSimu
Entries 169862
Data
Simu

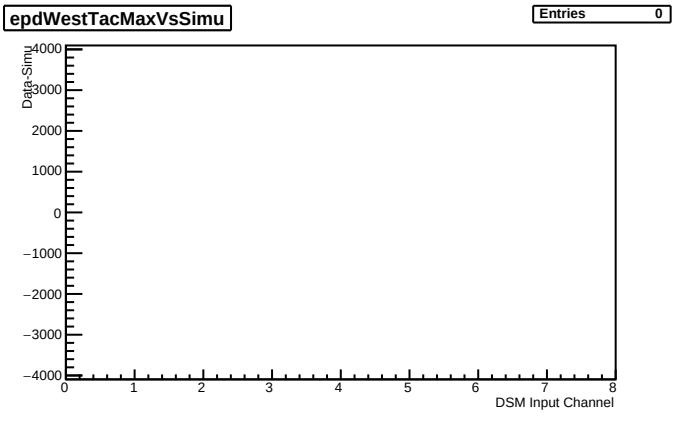

epdEastTacMax
Entries 1883216
TAC
DSM Input Channel

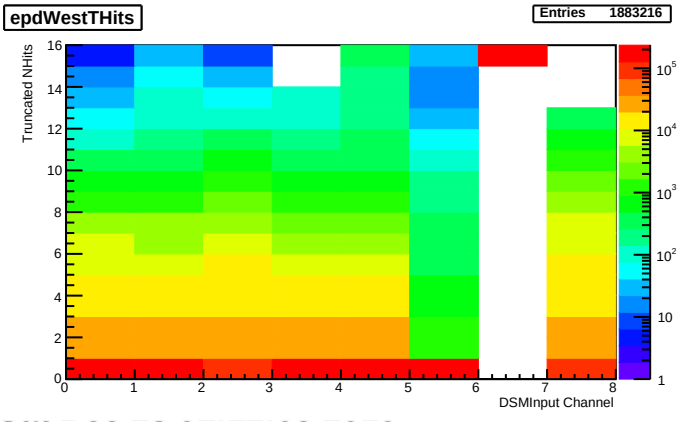

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

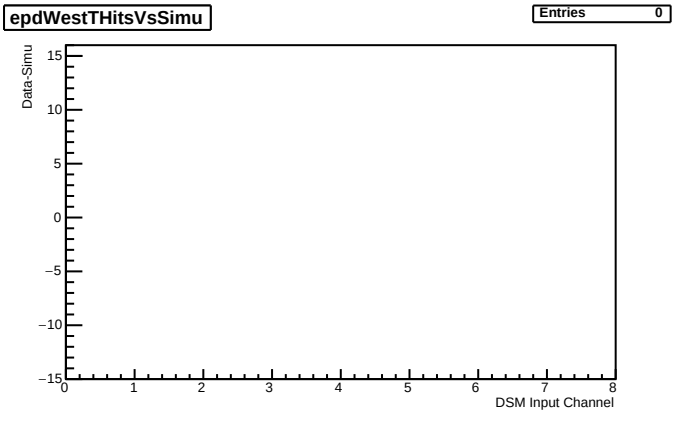

epdEastTHits
Entries 1883216
Truncated NHits
DSMInput Channel

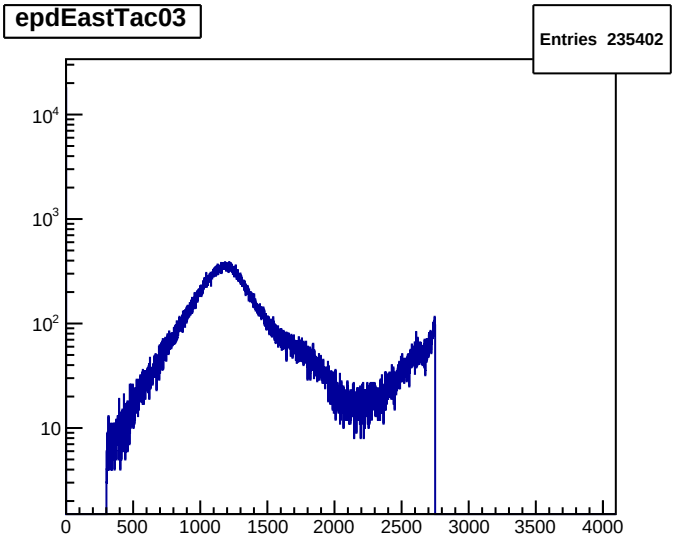

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

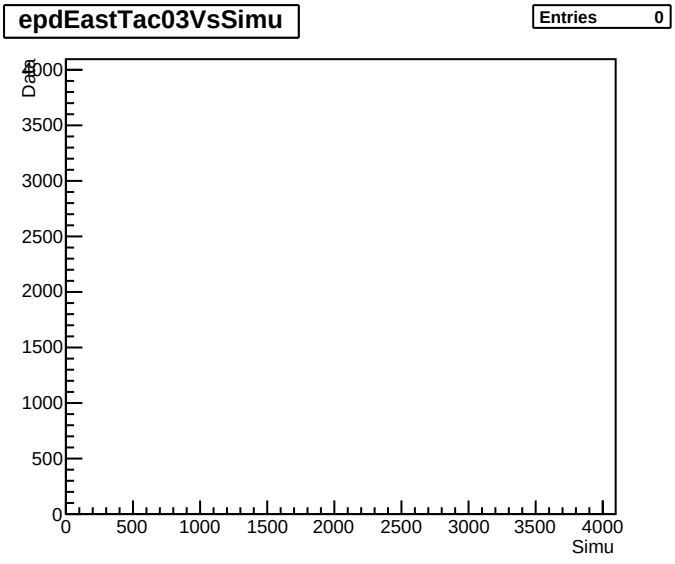

epdWestTacMax
Entries 1883216
TAC
DSM Input Channel

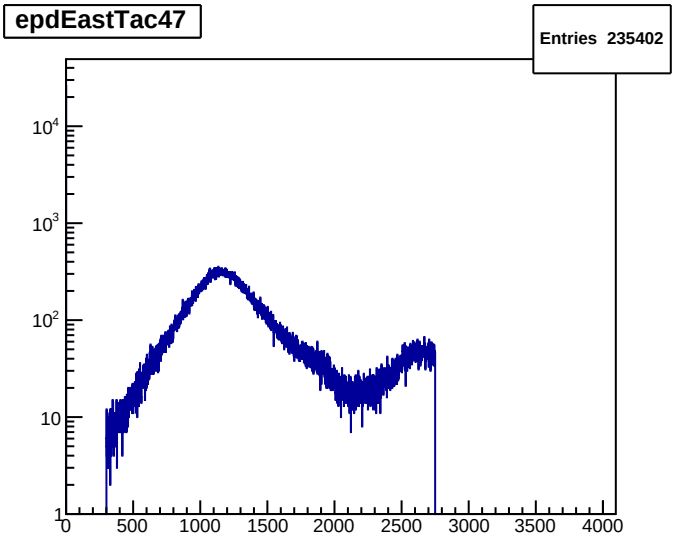

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

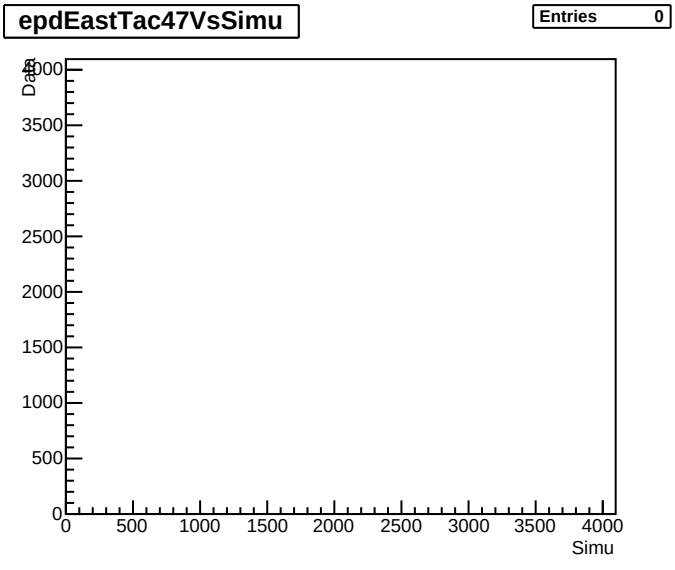

epdWestTHits
Entries 1883216
Truncated NHits
DSMInput Channel

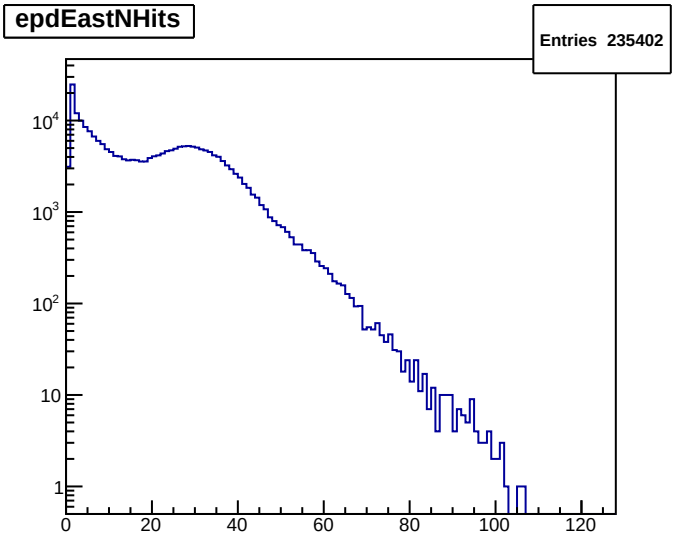

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

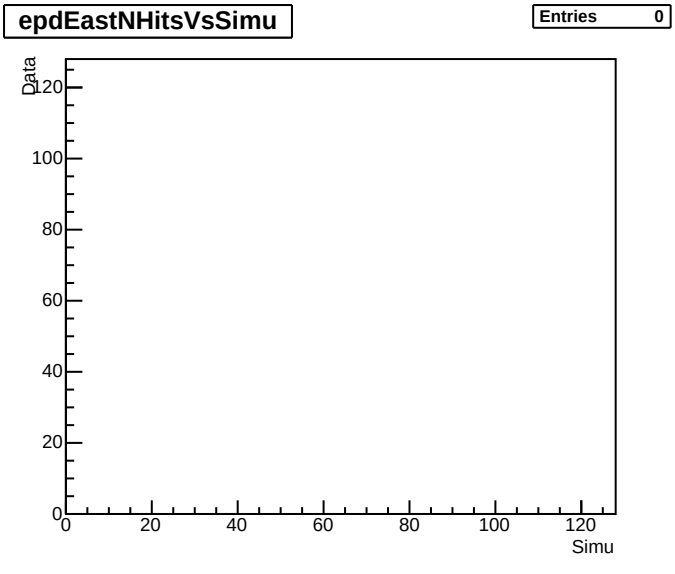

epdEastTac03
Entries 235402

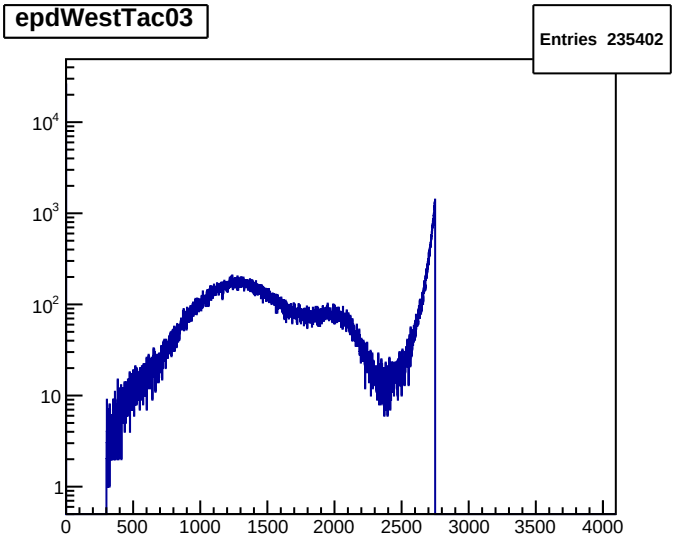

epdEastTac03VsSimu
Entries 0
Data
Simu

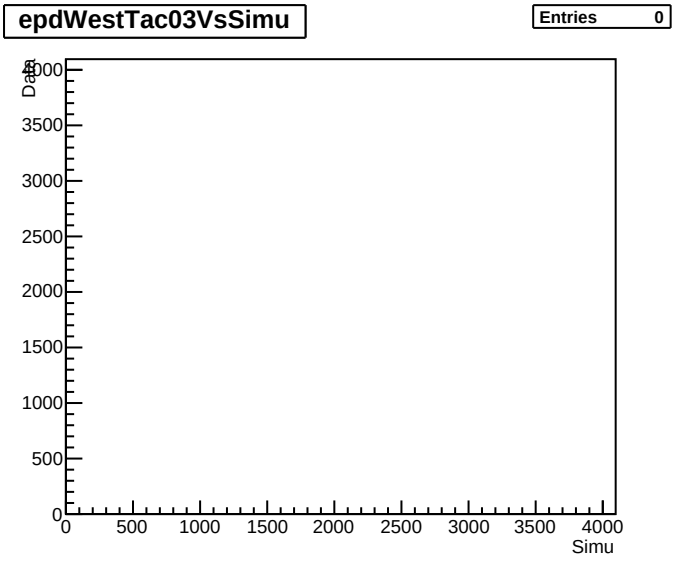

epdEastTac47
Entries 235402

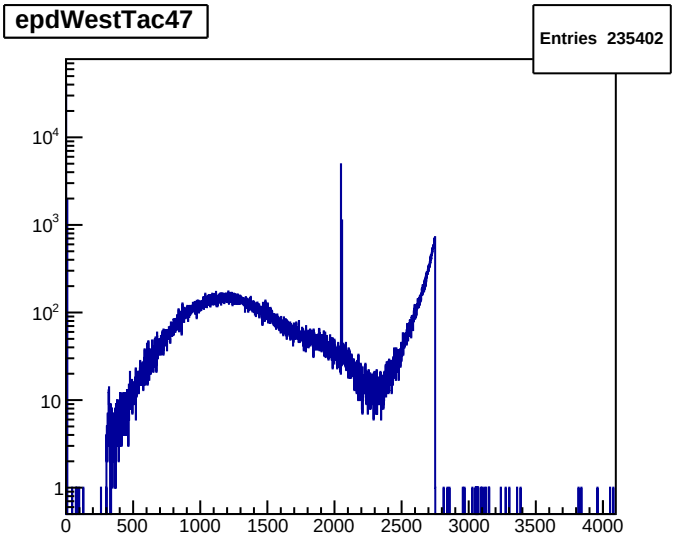

epdEastTac47VsSimu
Entries 0
Data
Simu

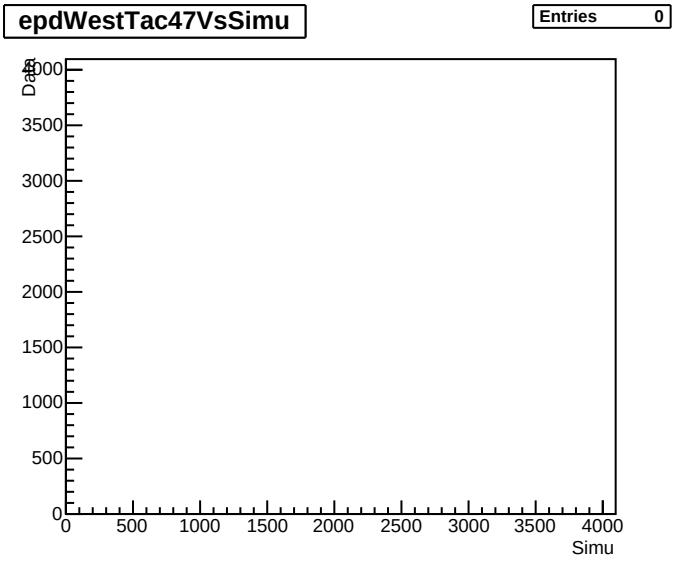

epdEastNHits
Entries 235402

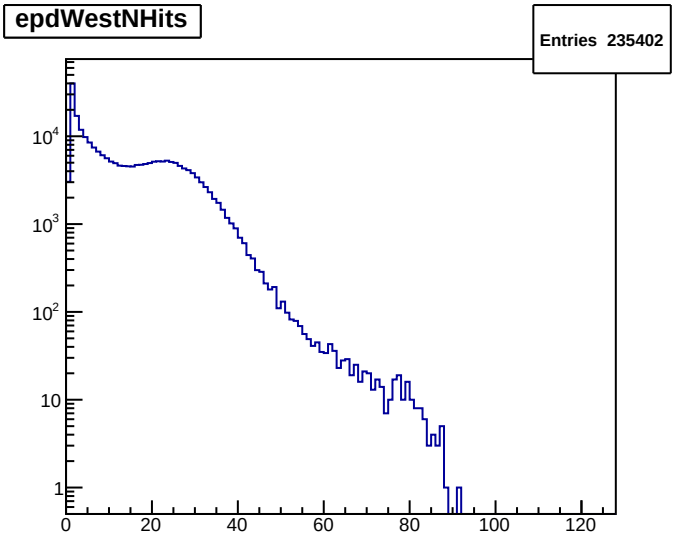

epdEastNHitsVsSimu
Entries 0
Data
Simu

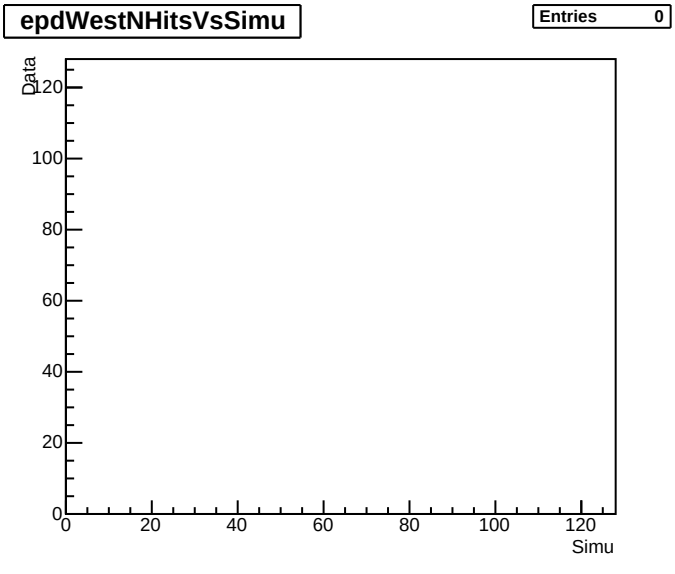

epdWestTac03
Entries 235402

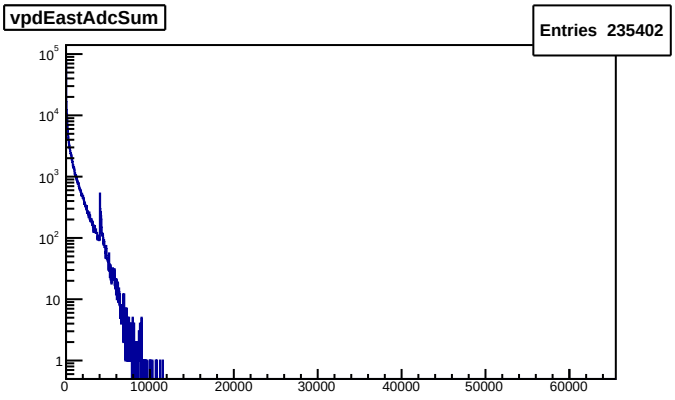

epdWestTac03VsSimu
Entries 0
Data
Simu

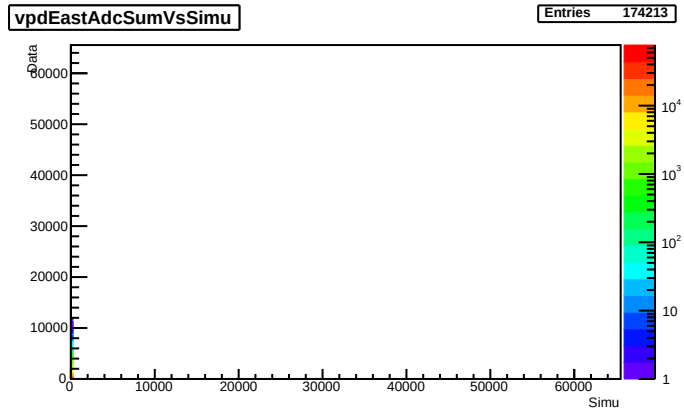

epdWestTac47
Entries 235402

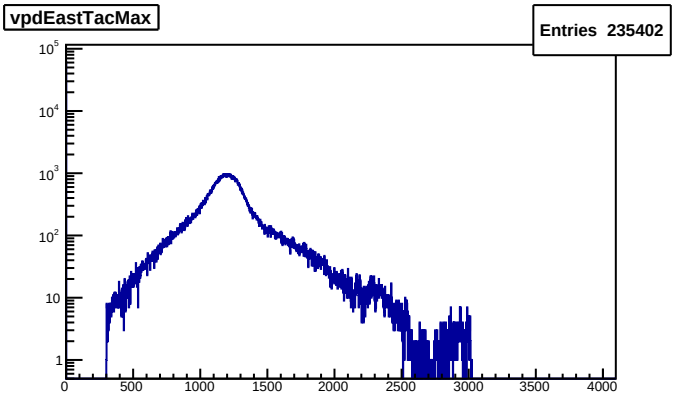

epdWestTac47VsSimu
Entries 0
Data
Simu

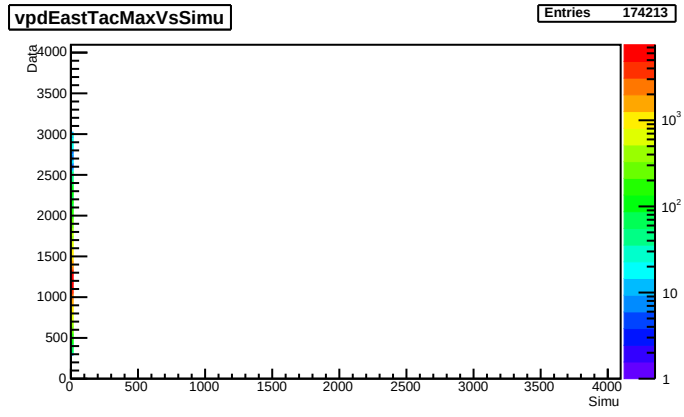

epdWestNHits
Entries 235402

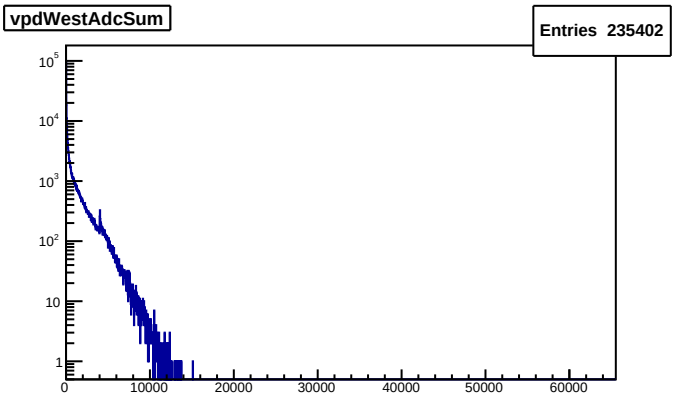

epdWestNHitsVsSimu
Entries 0
Data
Simu

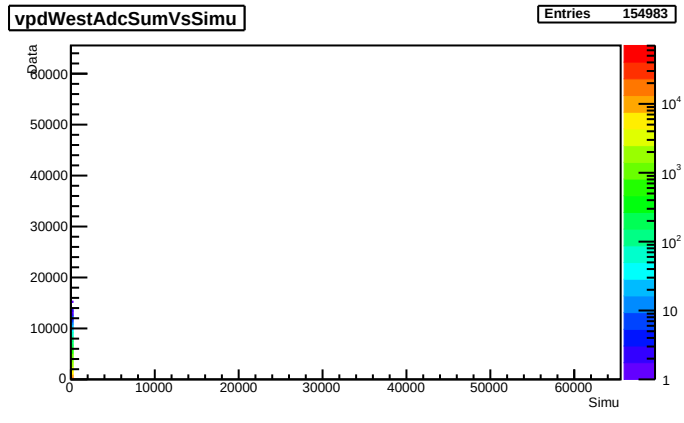

vpdEastAdcSum
Entries 235402

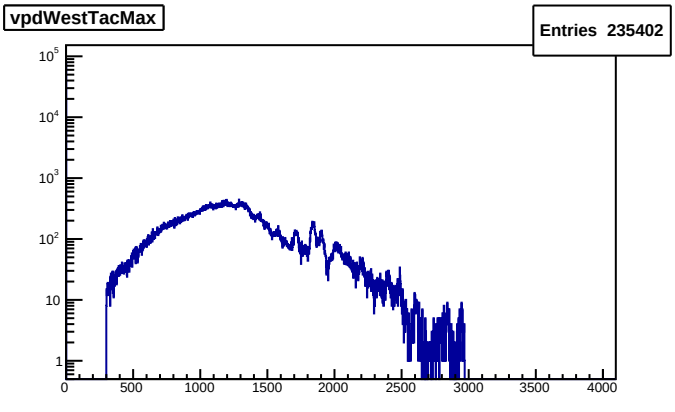

vpdEastAdcSumVsSimu
Entries 174213
Data
Simu

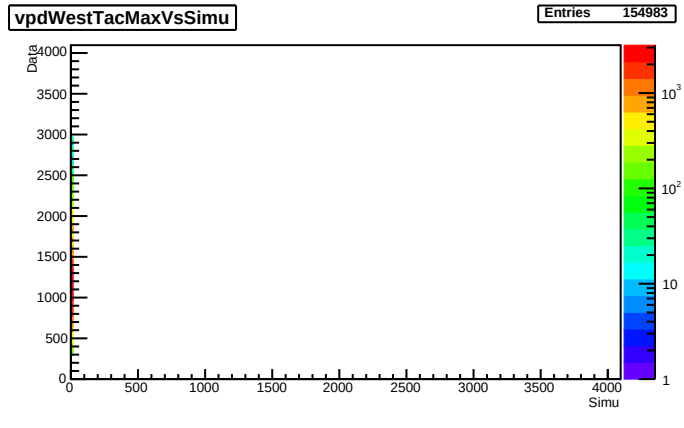

vpdEastTacMax
Entries 235402

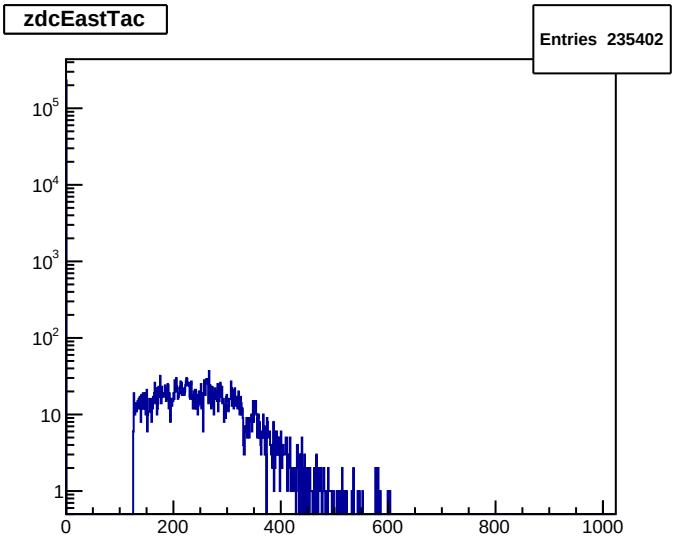

vpdEastTacMaxVsSimu
Entries 174213
Data
Simu

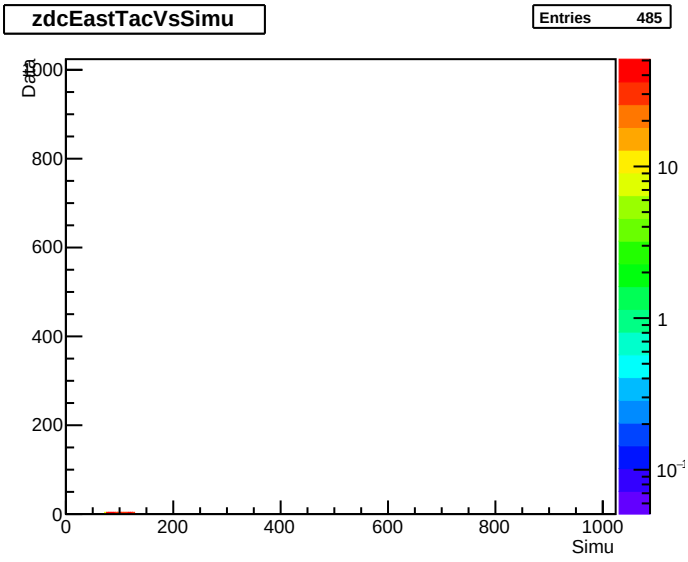

vpdWestAdcSum
Entries 235402

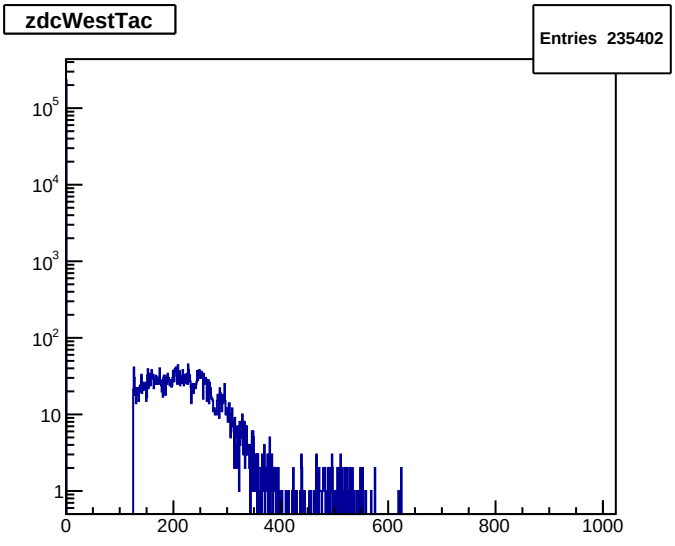

vpdWestAdcSumVsSimu
Entries 154983
Data
Simu

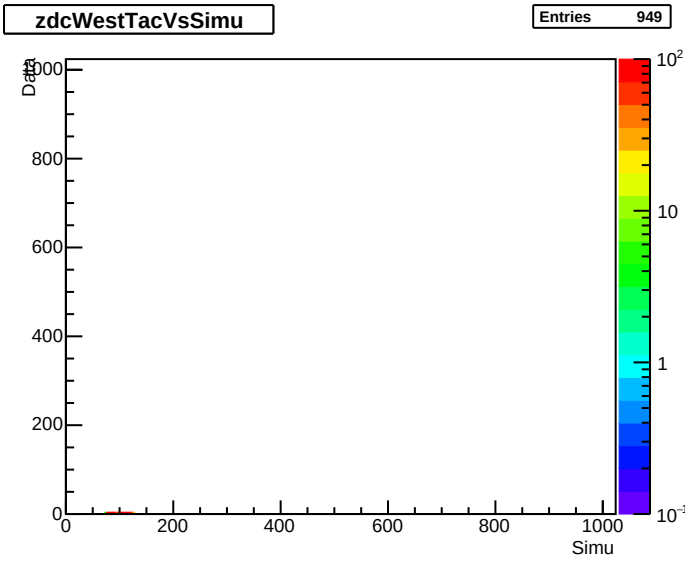

vpdWestTacMax
Entries 235402

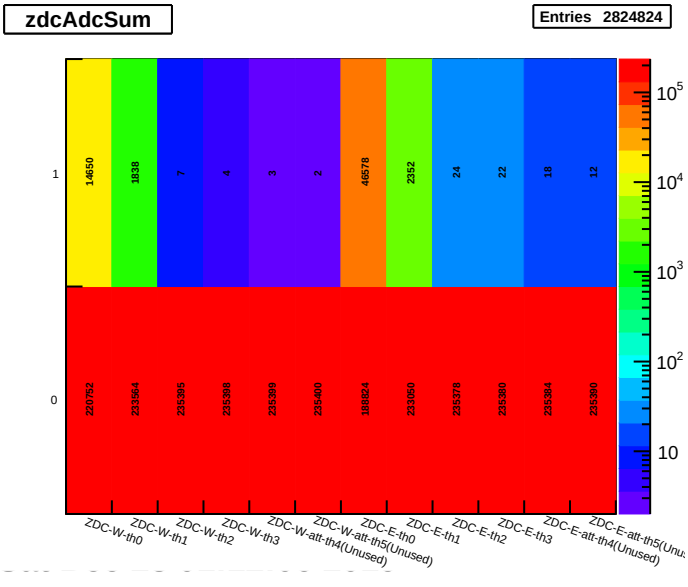

vpdWestTacMaxVsSimu
Entries 154983
Data
Simu

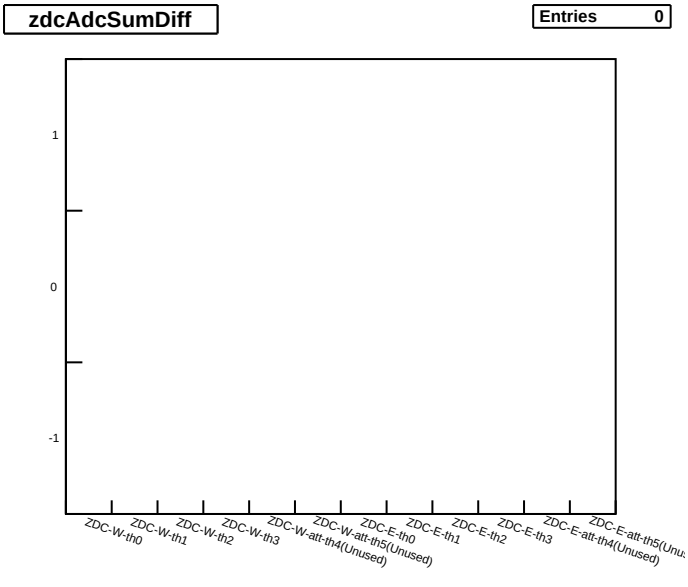

zdcEastTac
Entries 235402

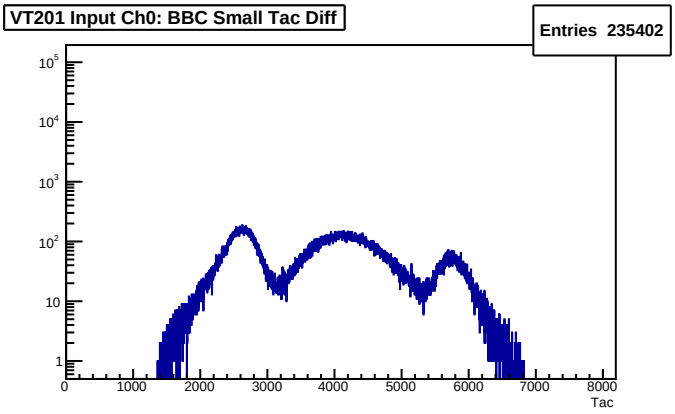

zdcEastTacVsSimu
Entries 485
Data
Simu

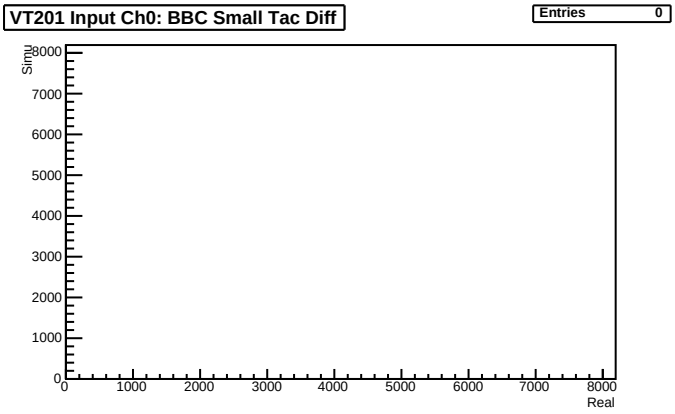

zdcWestTac
Entries 235402

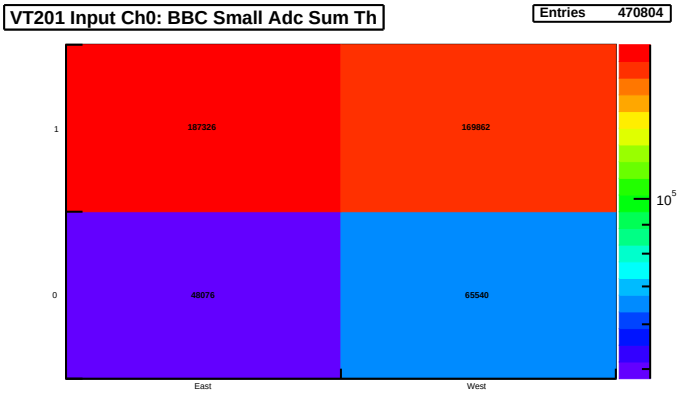

zdcWestTacVsSimu
Entries 949
Data
Simu

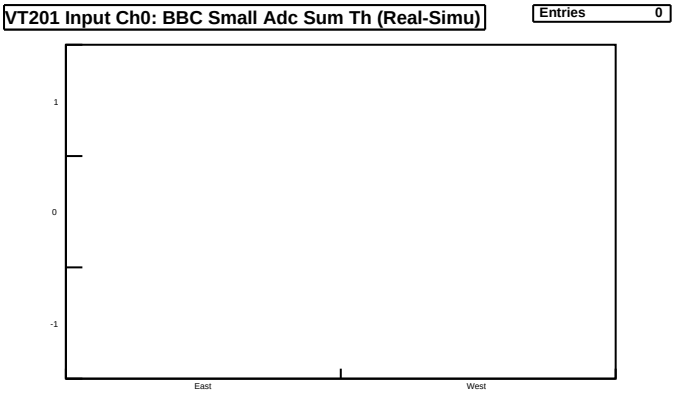

zdcAdcSum
Entries 2824824
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

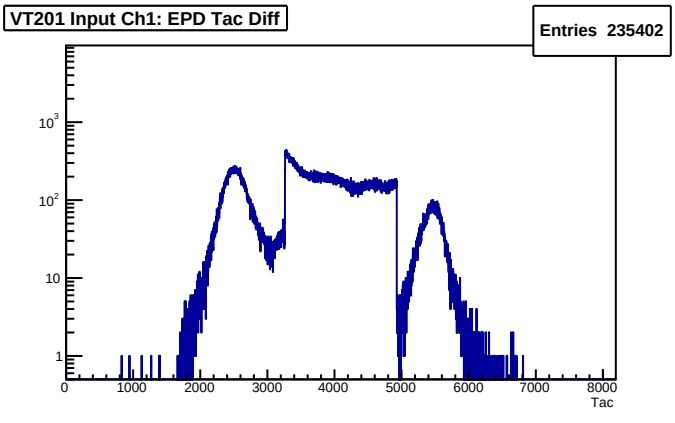

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

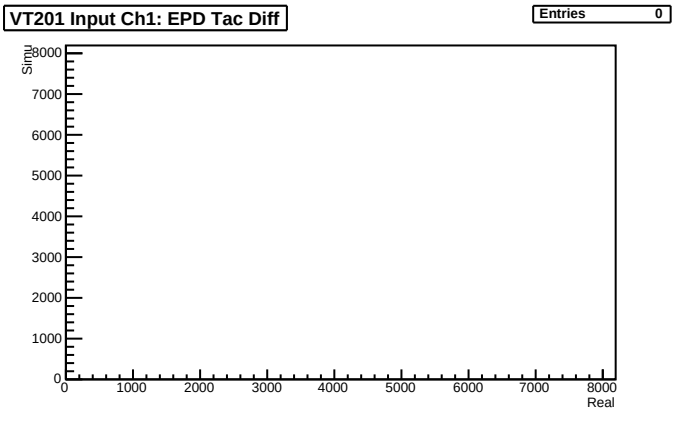

VT201 Input Ch0: BBC Small Tac Diff
Entries 235402
Tac

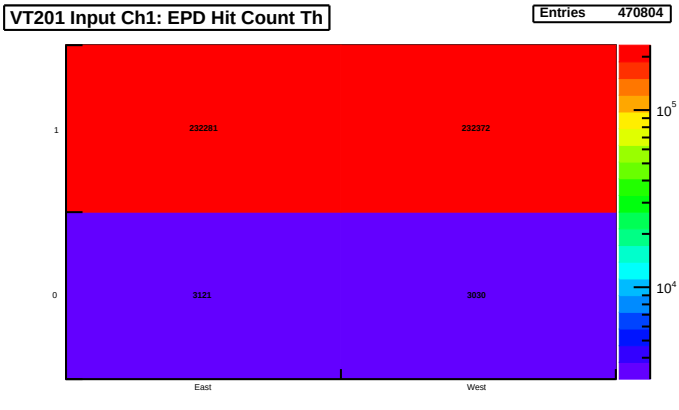

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

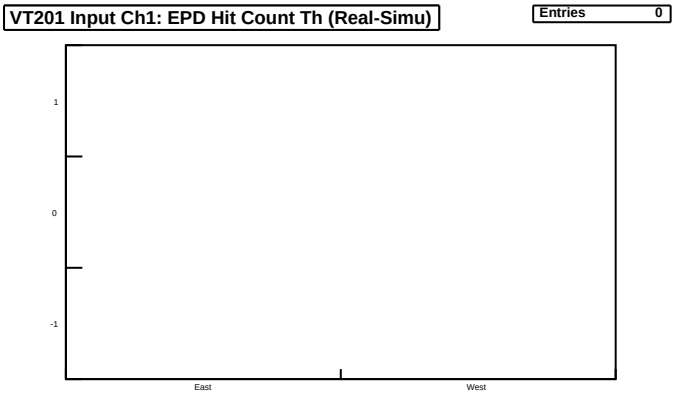

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 470804
187326
169862
48076
65540
East
West

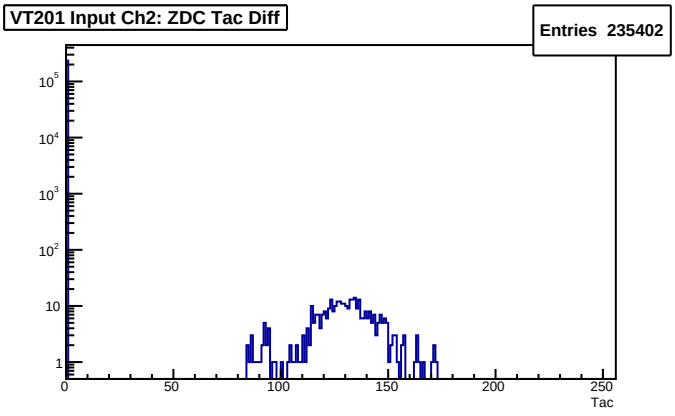

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

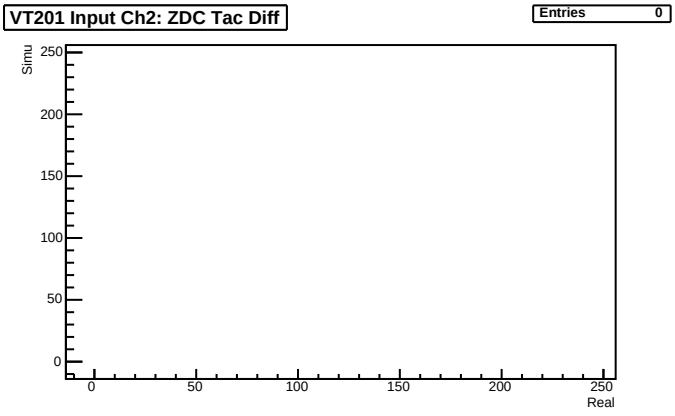

VT201 Input Ch1: EPD Tac Diff
Entries 235402
Tac

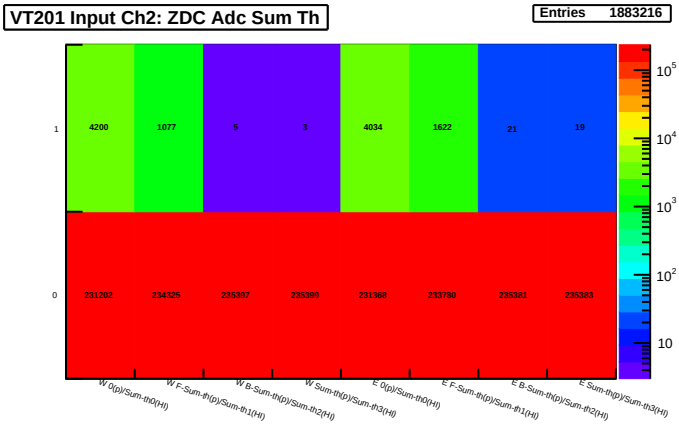

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

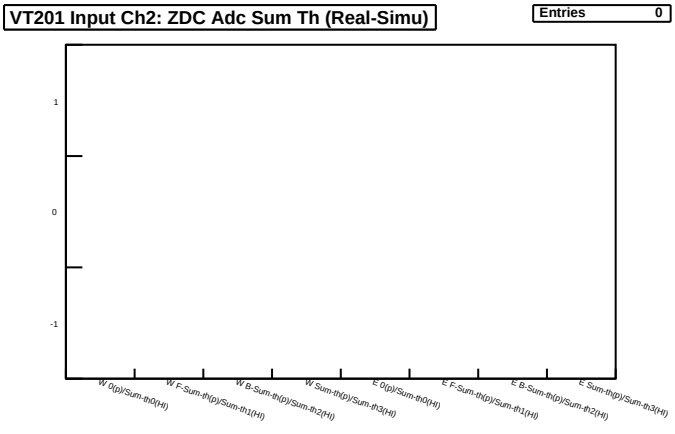

VT201 Input Ch1: EPD Hit Count Th
Entries 470804
232281
232372
3121
3030
East
West

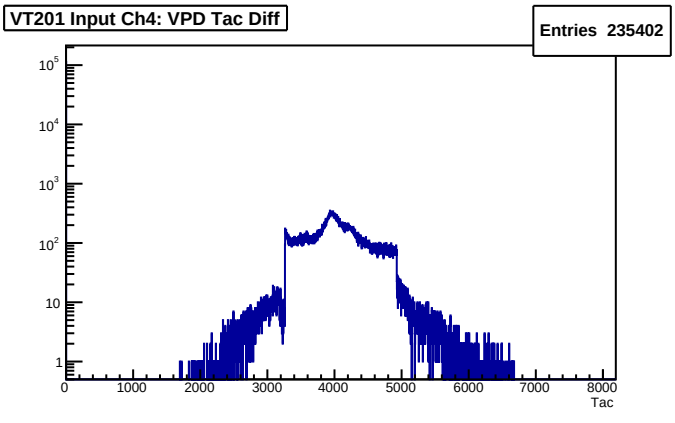

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

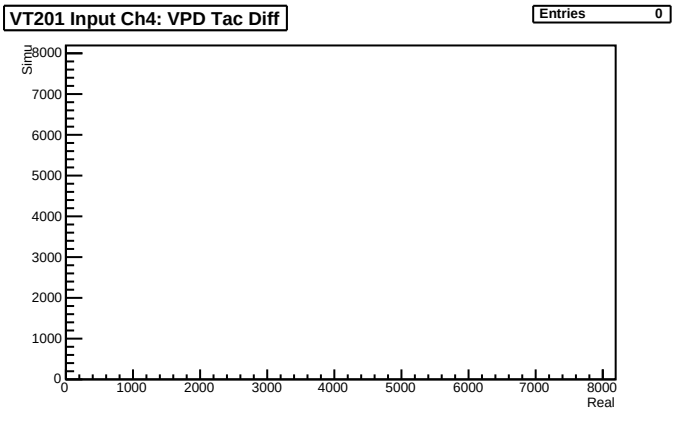

VT201 Input Ch2: ZDC Tac Diff
Entries 235402
Tac

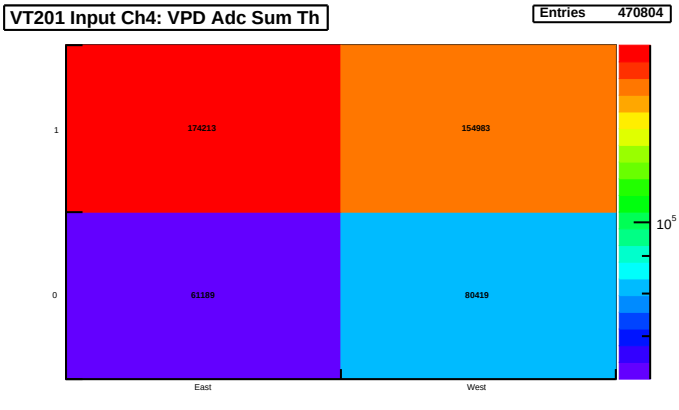

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

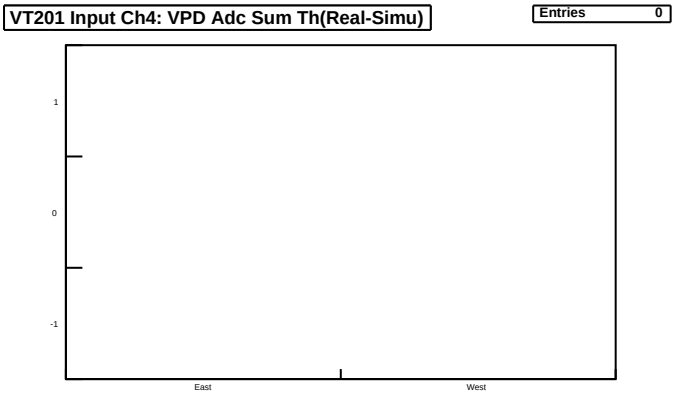

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1883216
4200
1077
5
3
4034
1622
21
19
231202
234325
235397
235399
231368
233780
235381
235383
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

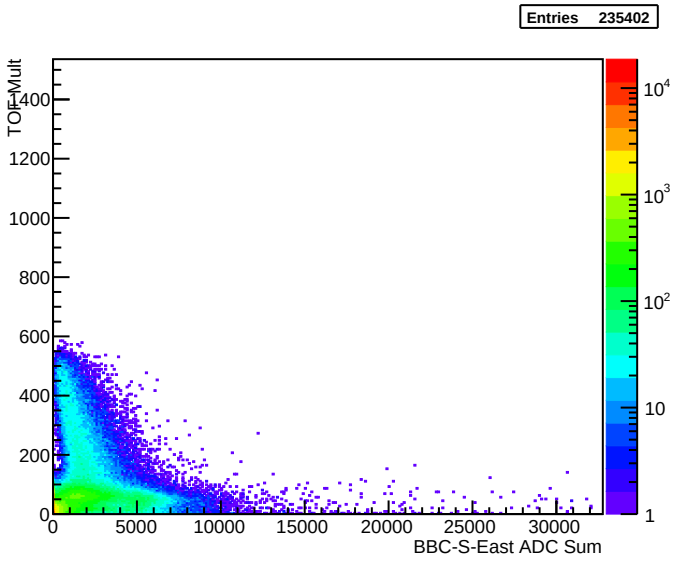

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

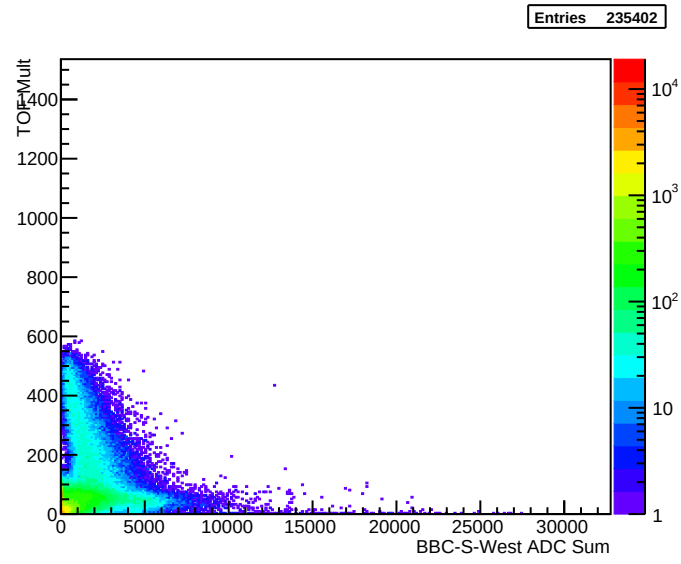

VT201 Input Ch4: VPD Tac Diff
Entries 235402
Tac

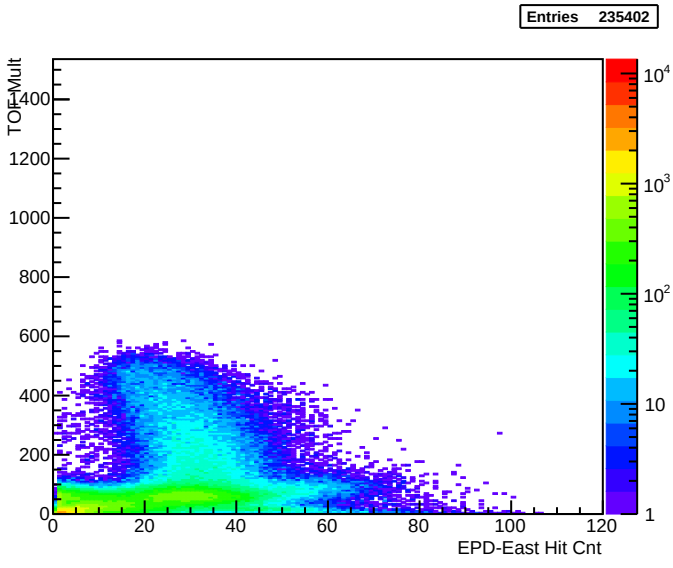

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

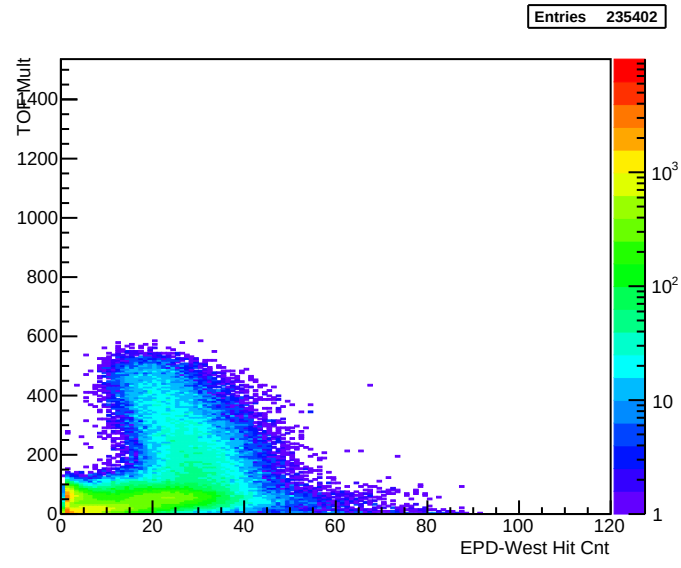

VT201 Input Ch4: VPD Adc Sum Th
Entries 470804
174213
154983
61189
80419
East
West

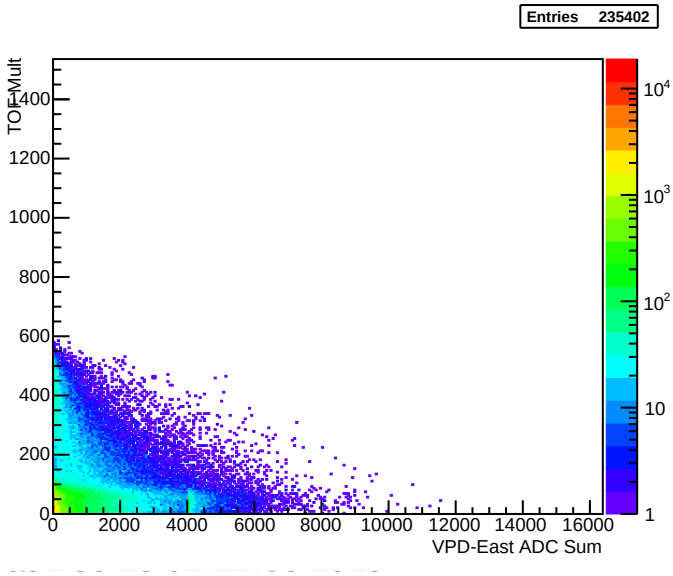

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

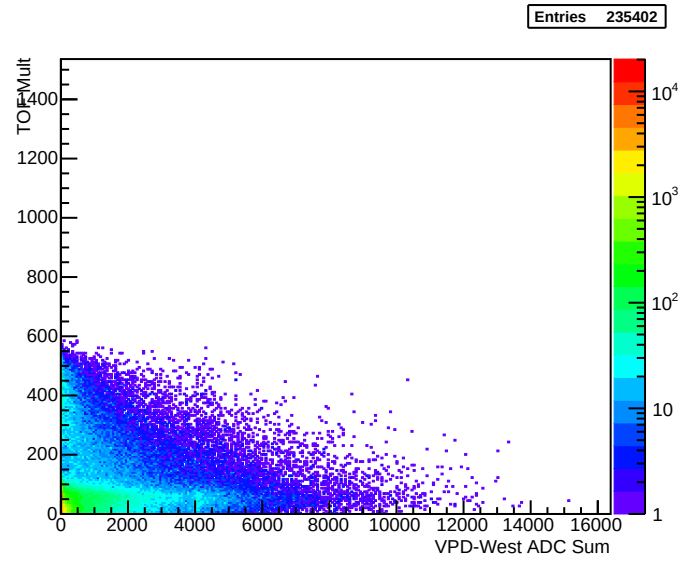

Entries 235402
TOF-Mult
BBC-S-East ADC Sum

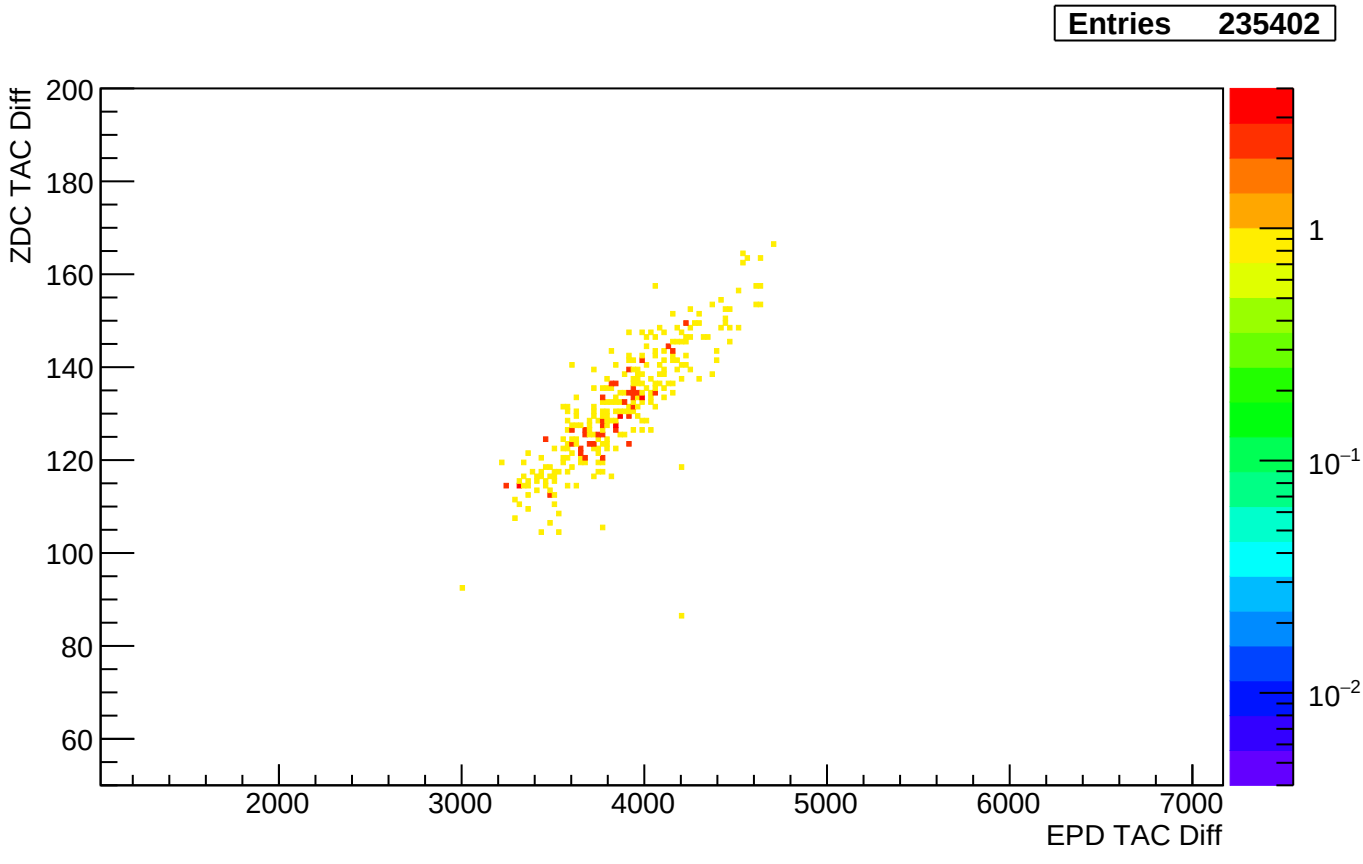

Entries 235402
TOF-Mult
BBC-S-West ADC Sum

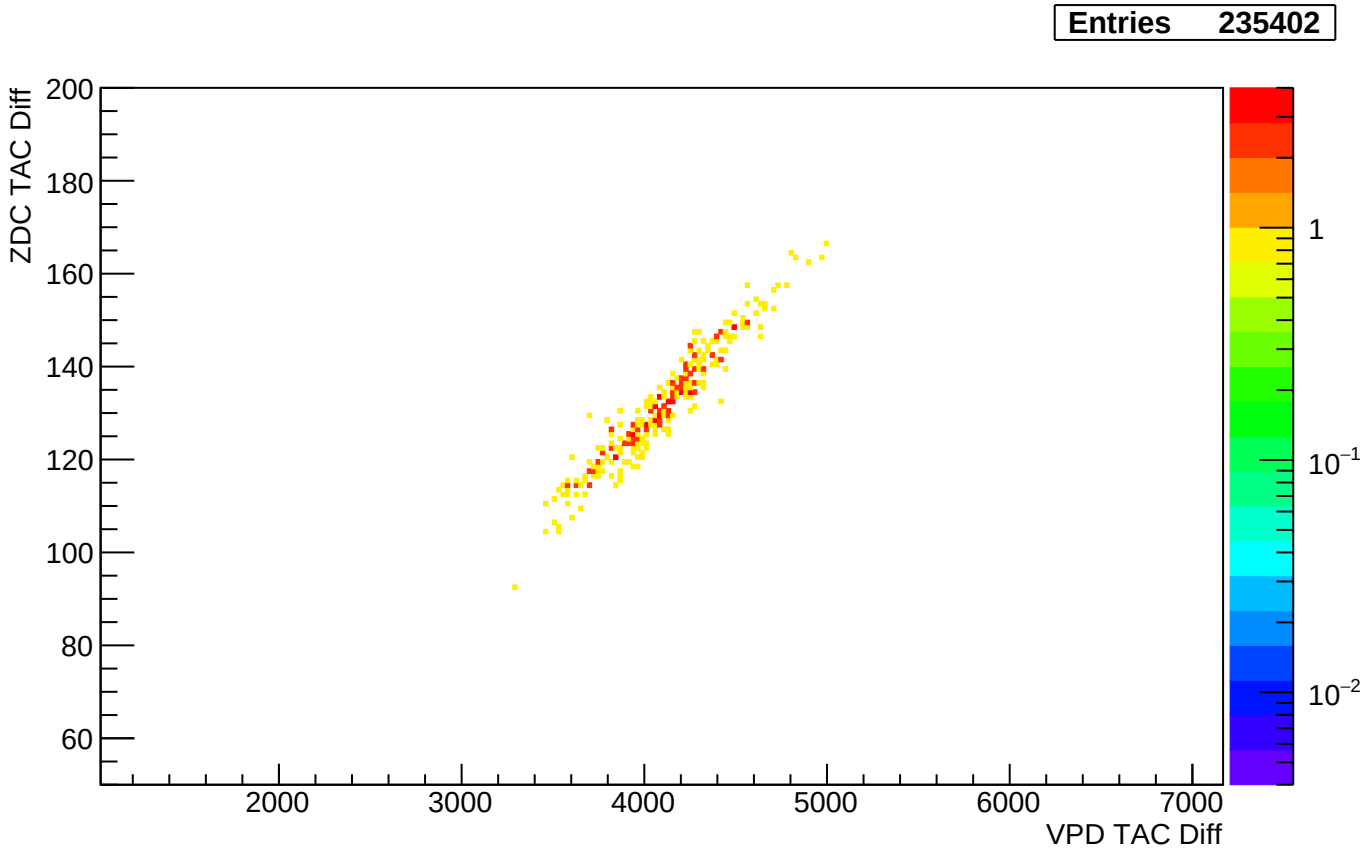

Entries 235402
TOF-Mult
EPD-East Hit Cnt

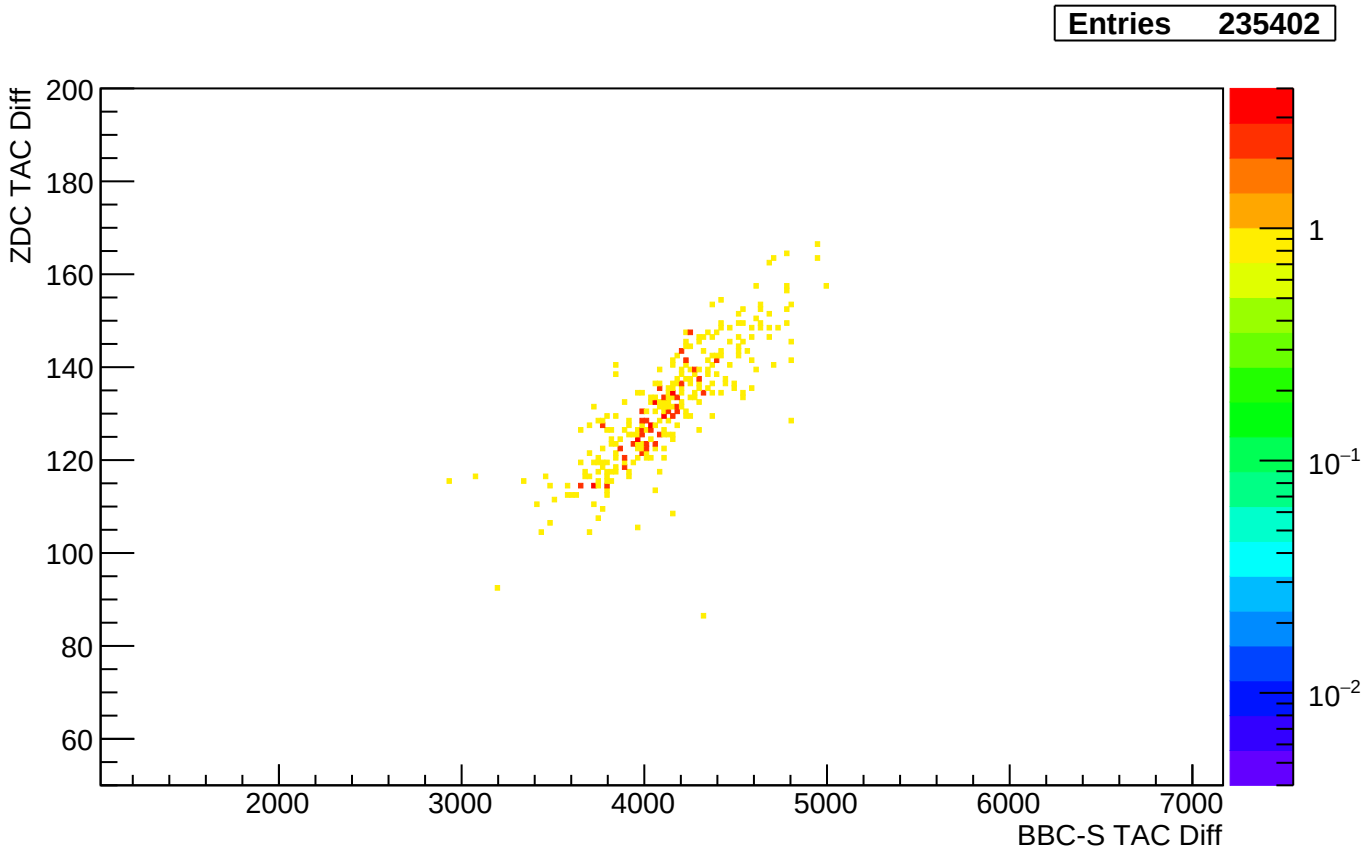

Entries 235402
TOF-Mult
EPD-West Hit Cnt

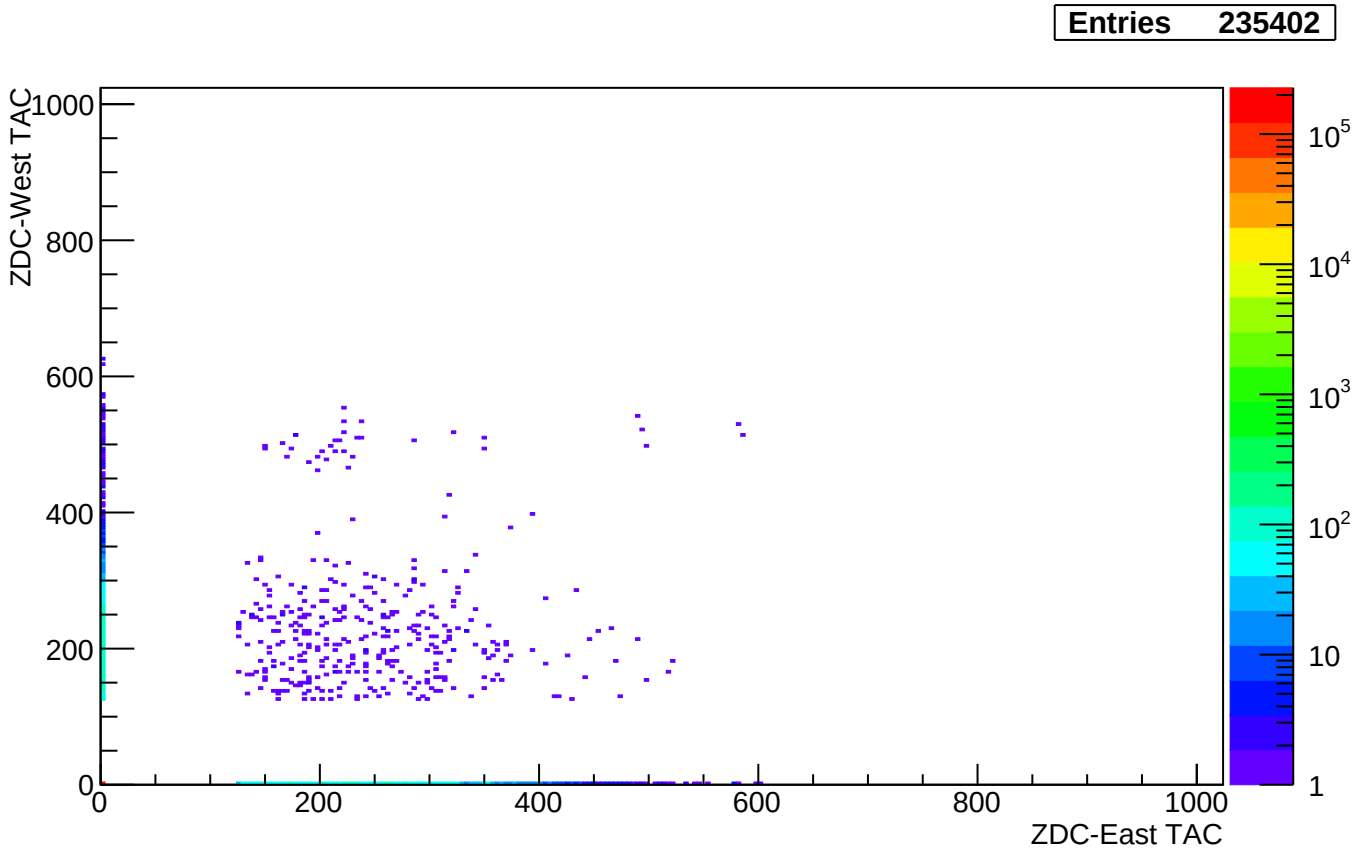

Entries 235402
TOF-Mult
VPD-East ADC Sum

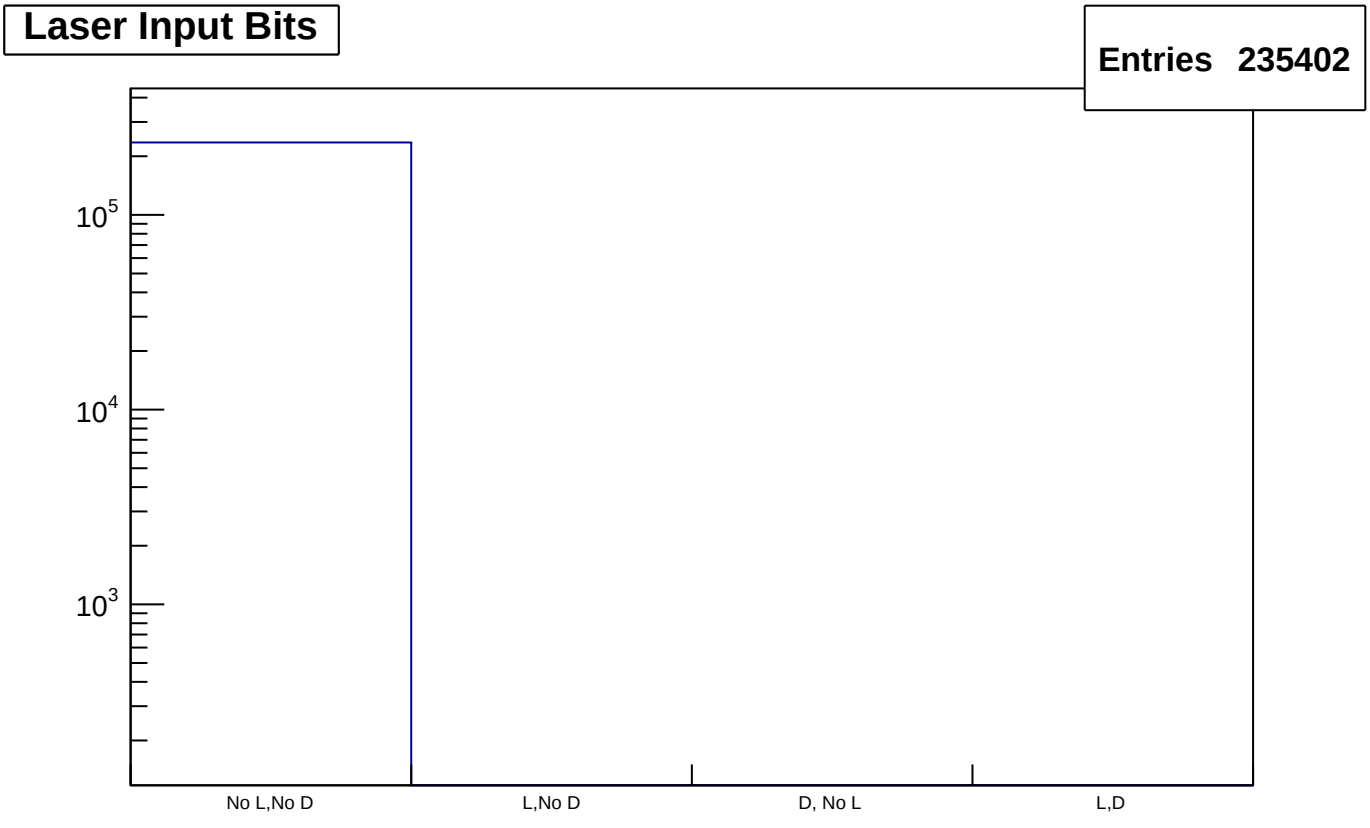

Entries 235402
TOF-Mult
VPD-West ADC Sum

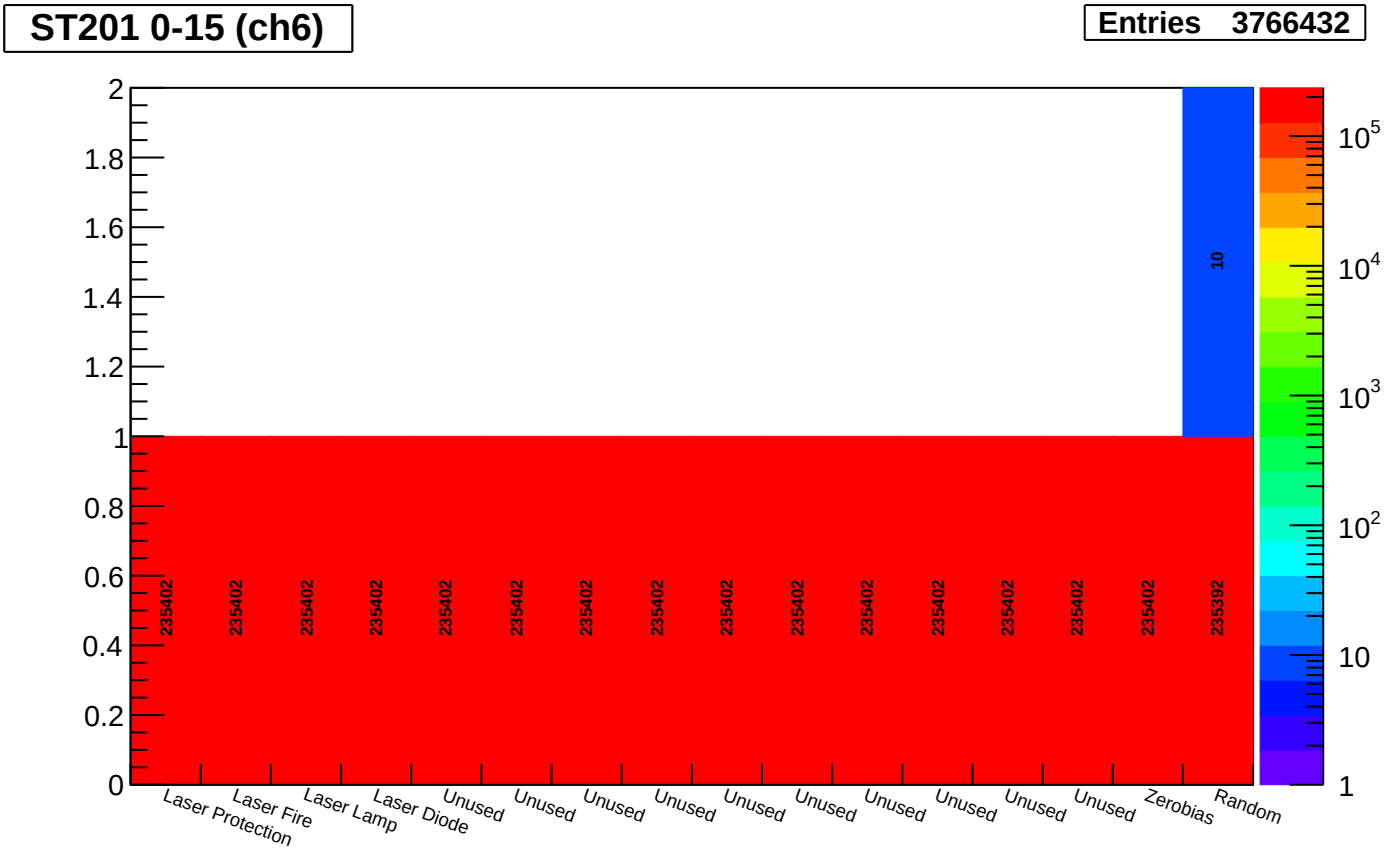

Entries 235402
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

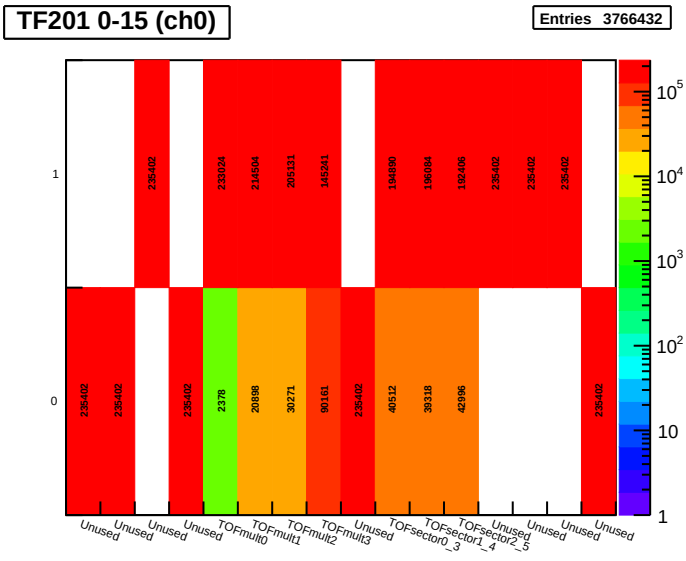

Entries 235402
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

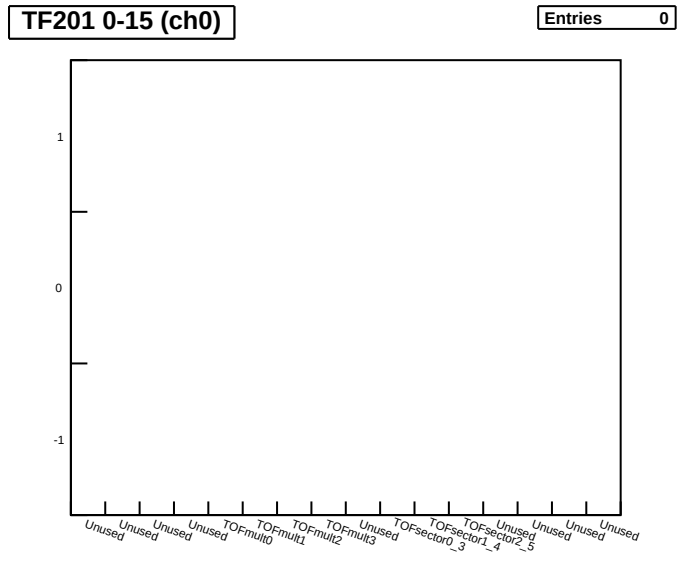

Entries 235402
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

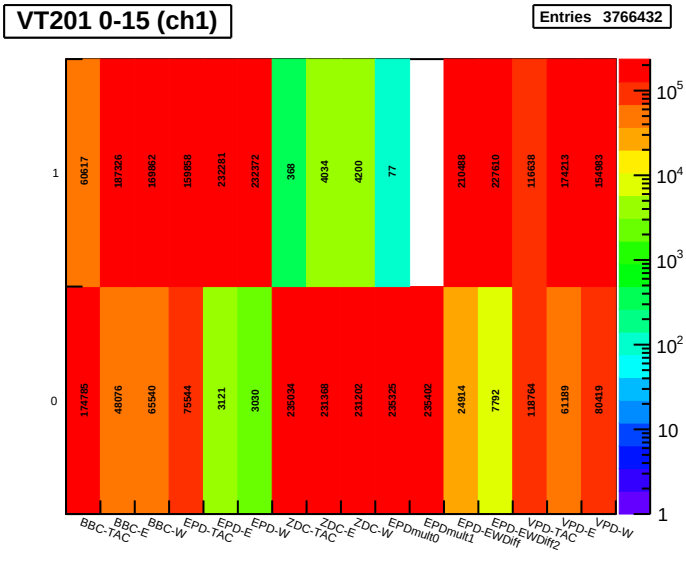

Entries 235402
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

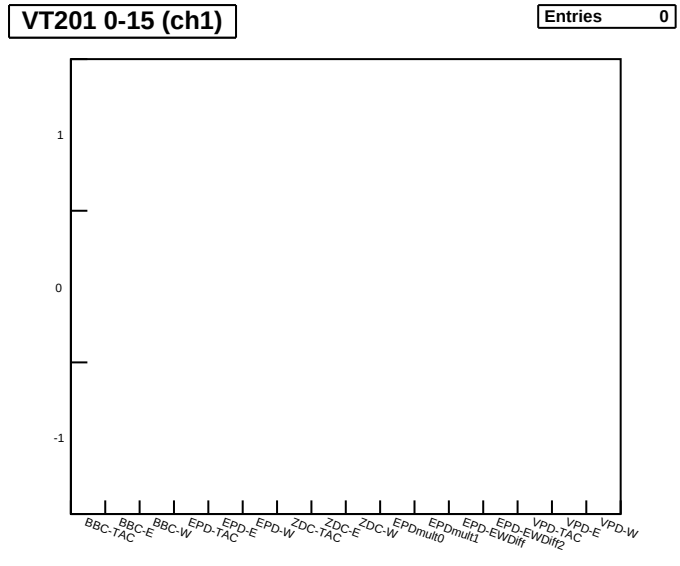

Laser Input Bits
Entries 235402
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

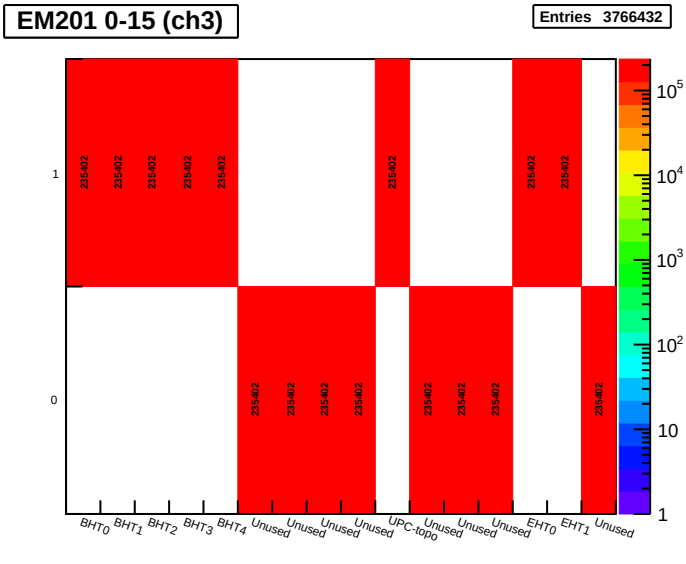

ST201 0-15 (ch6)
Entries 3766432
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
235402
235392
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

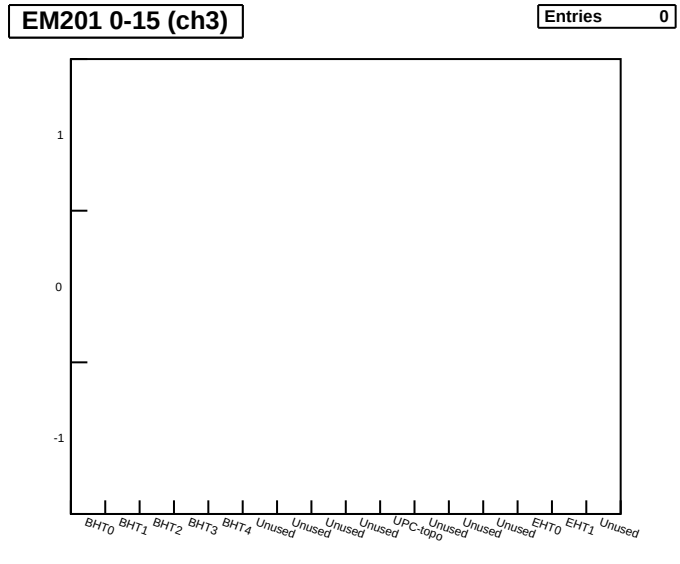

TF201 0-15 (ch0)
Entries 3766432
1
0
235402
233024
214504
205131
145241
194890
196084
192406
235402
235402
235402
235402
235402
235402
2378
20898
30271
90161
40512
39318
42996
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 3766432
1
0
60617
187326
169862
159858
232281
232372
368
4034
4200
77
210468
227610
116638
174213
154983
174785
48076
65540
75544
3121
3030
235034
231368
231202
235325
235402
24914
7792
118764
61189
80419
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 3766432
1
0
235402
235402
235402
235402
235402
235402
235402
235402
235402
235402
235402
235402
235402
235402
235402
235402
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