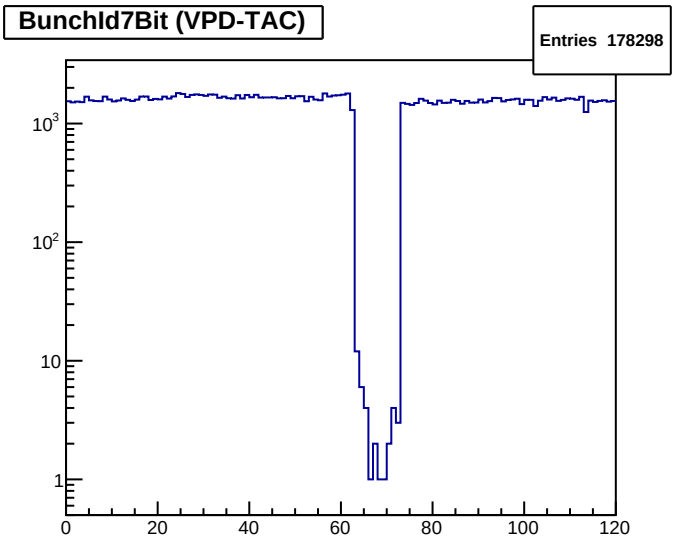
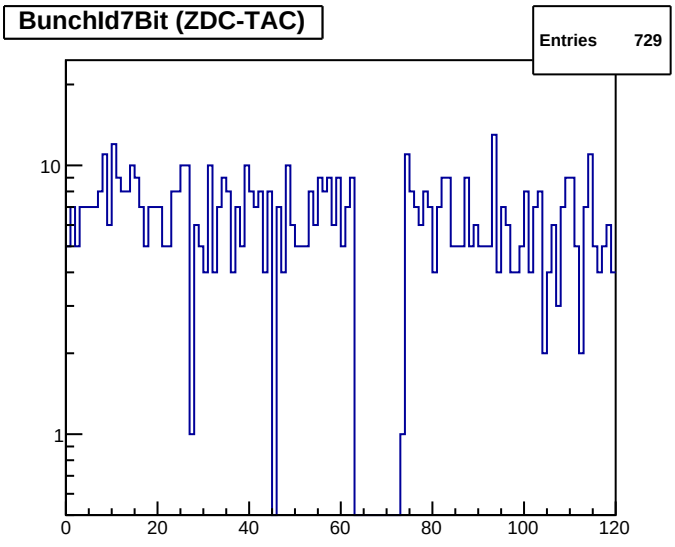
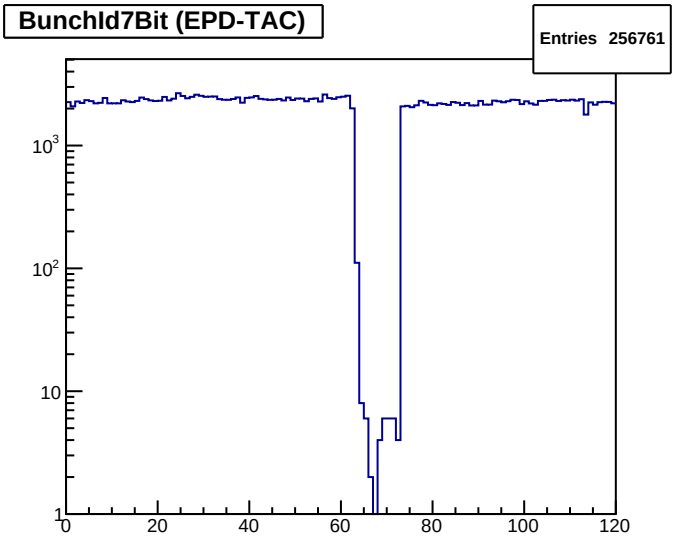
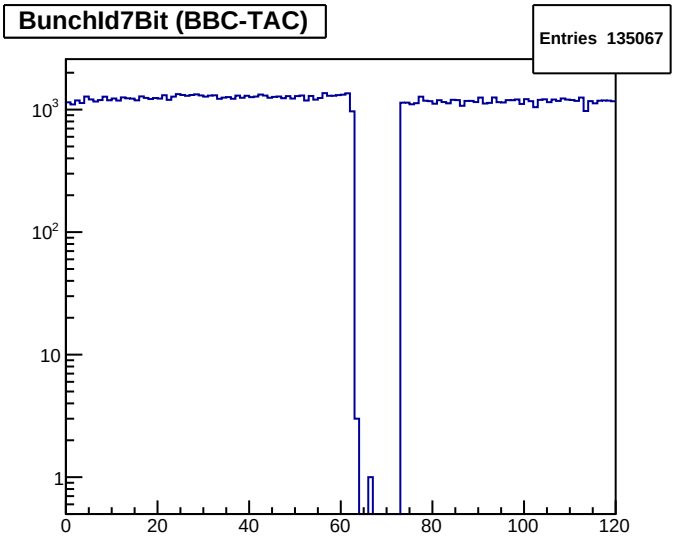
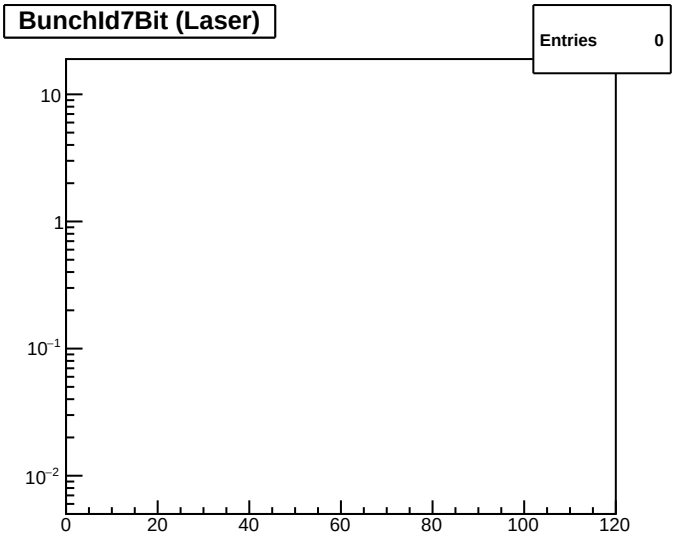
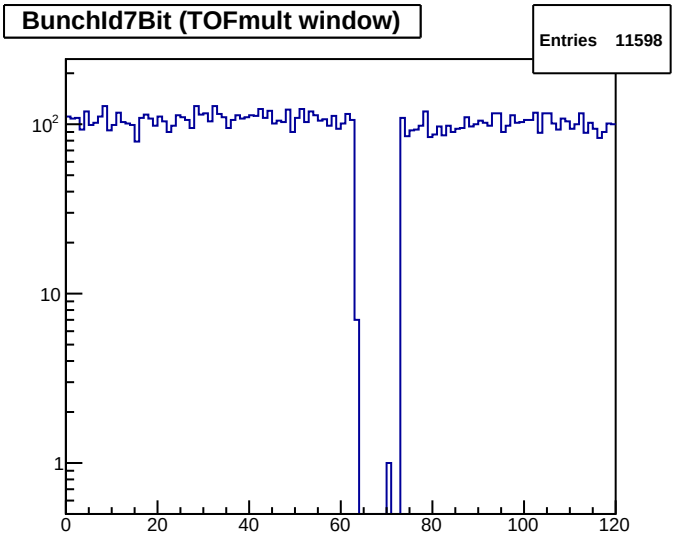

BunchId7Bit (VPD-TAC)
Entries 178298

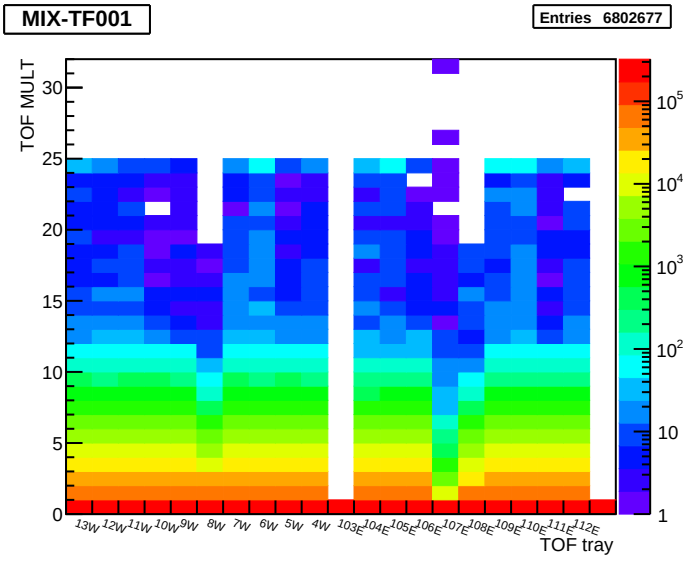

BunchId7Bit (ZDC-TAC)
Entries 729

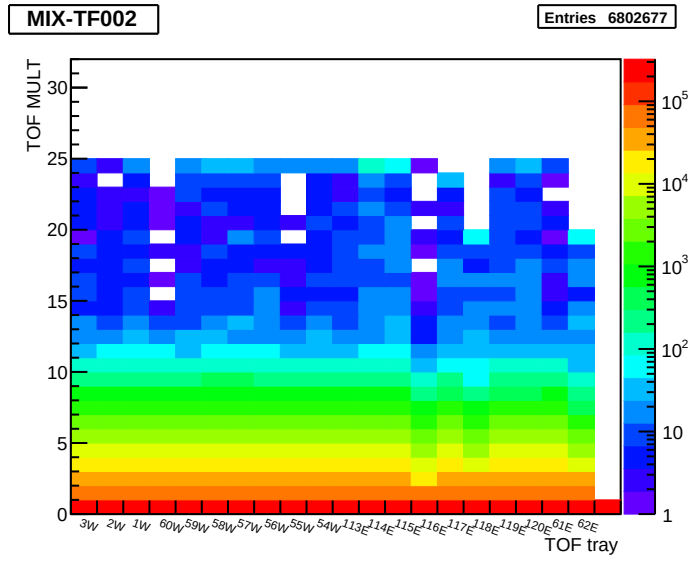

BunchId7Bit (EPD-TAC)
Entries 256761

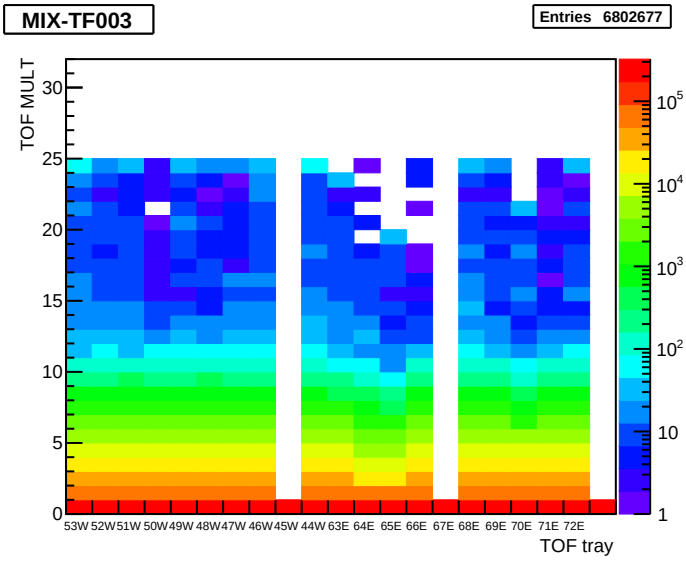

BunchId7Bit (BBC-TAC)
Entries 135067

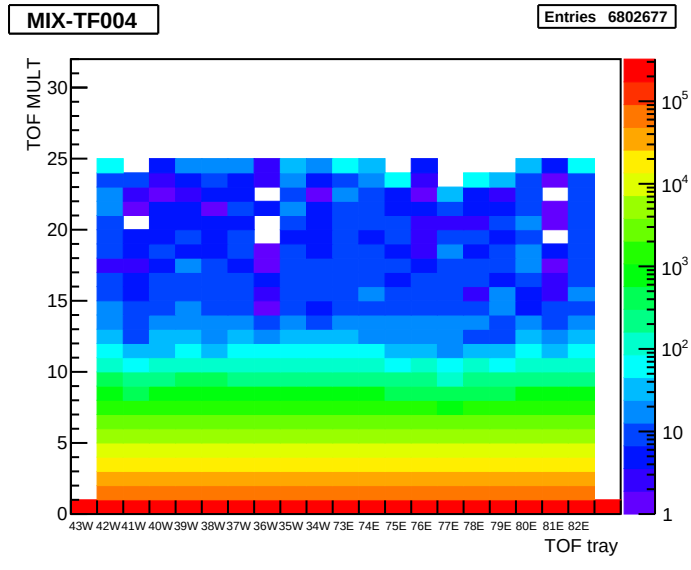

BunchId7Bit (Laser)
Entries 0

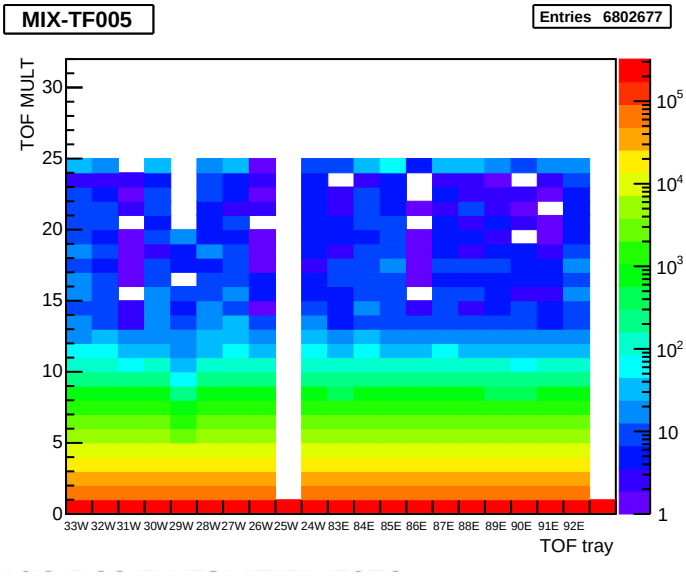

BunchId7Bit (TOFmult window)
Entries 11598

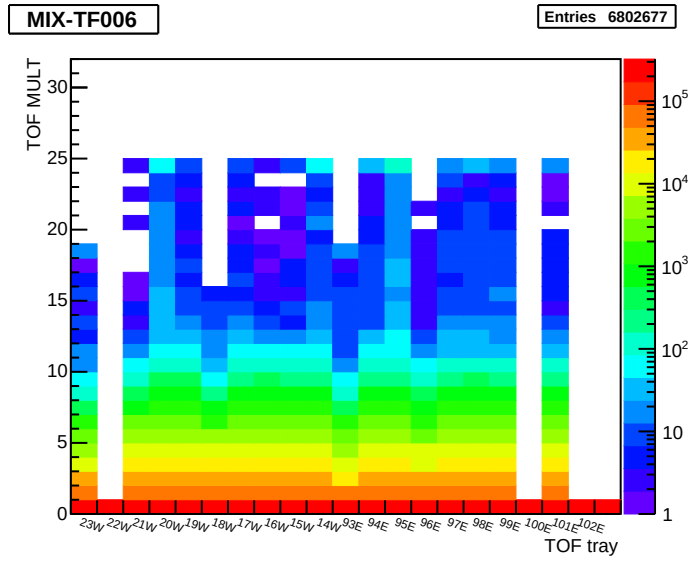

MIX-TF001
Entries 6802677
TOF MULT
TOF tray

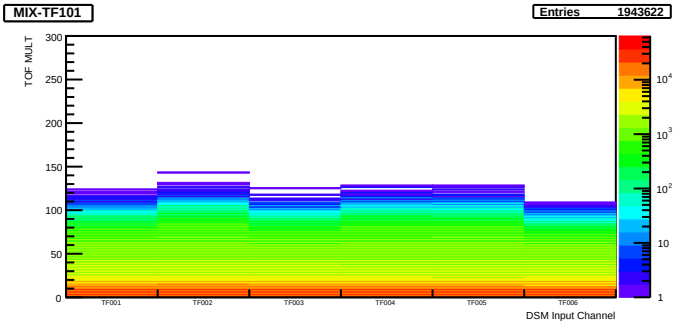

MIX-TF002
Entries 6802677
TOF MULT
TOF tray

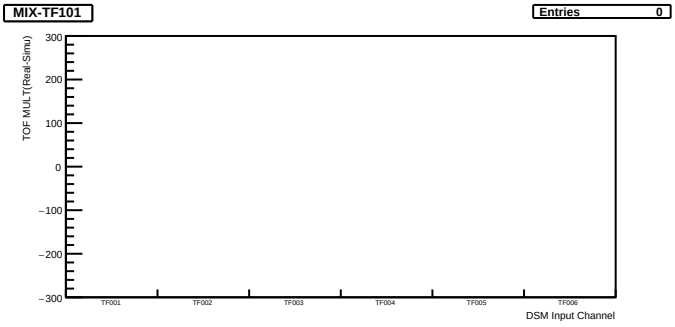

MIX-TF003
Entries 6802677
TOF MULT
TOF tray

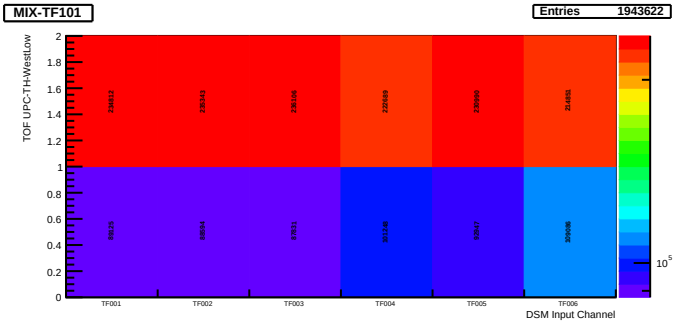

MIX-TF004
Entries 6802677
TOF MULT
TOF tray

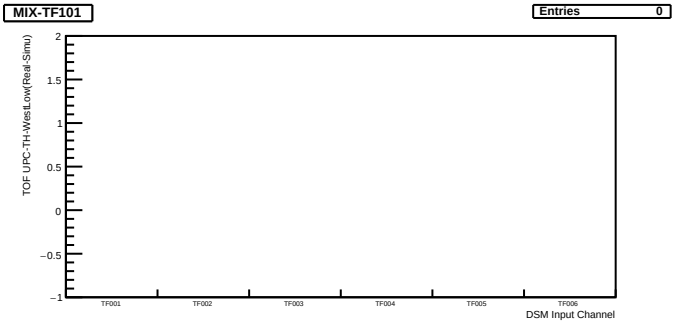

MIX-TF005
Entries 6802677
TOF MULT
TOF tray

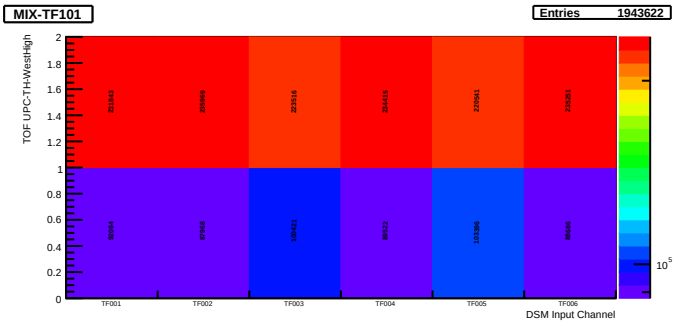

MIX-TF006
Entries 6802677
TOF MULT
TOF tray

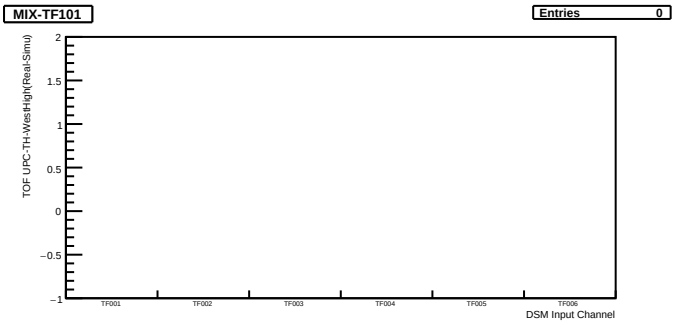

MIX-TF101
Entries 1943622
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

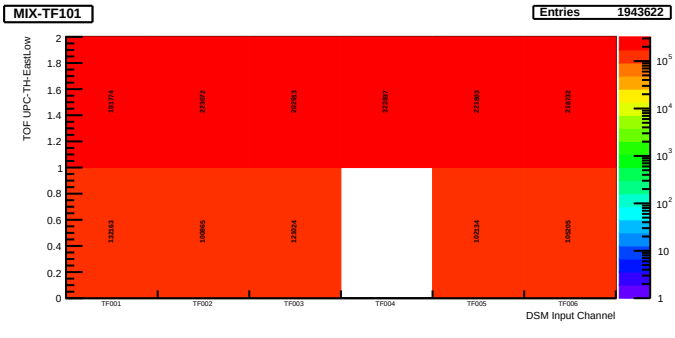

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

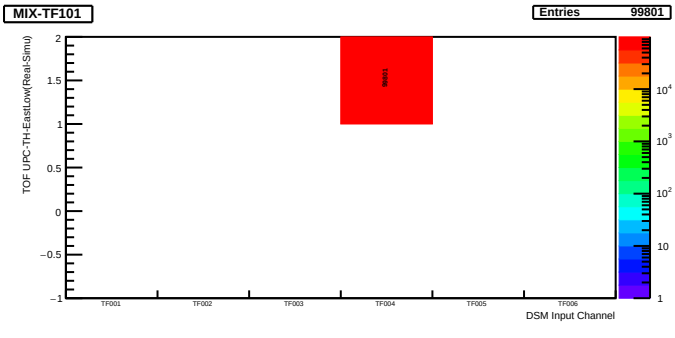

MIX-TF101
Entries 1943622
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

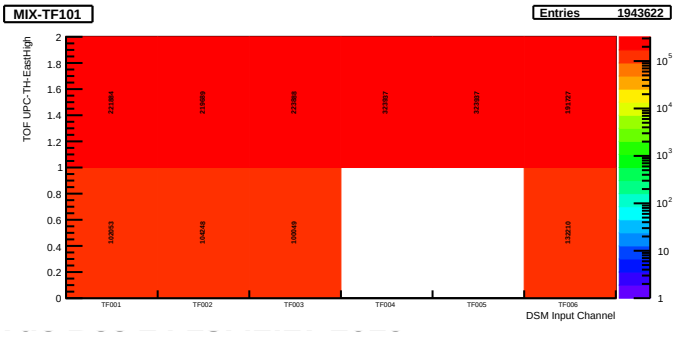

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

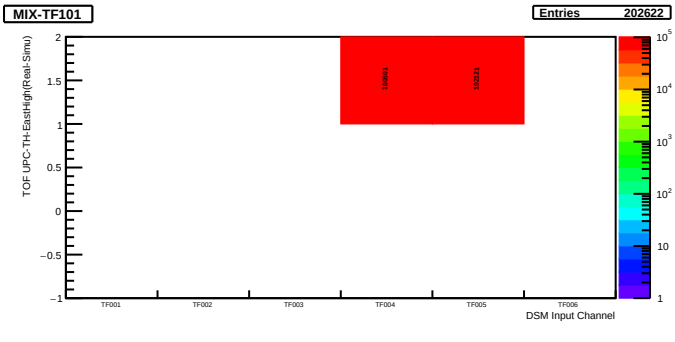

MIX-TF101
Entries 1943622
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

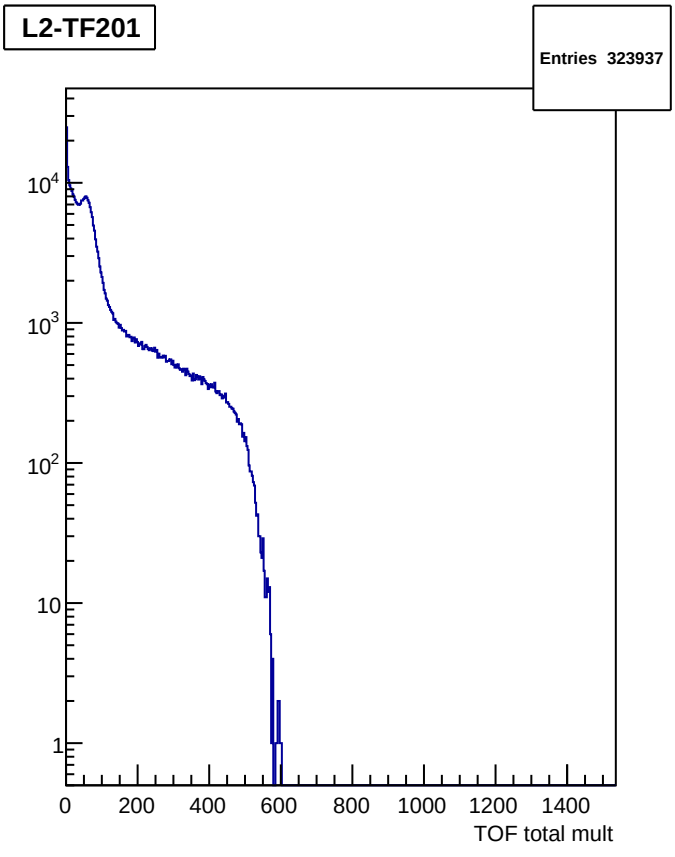

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

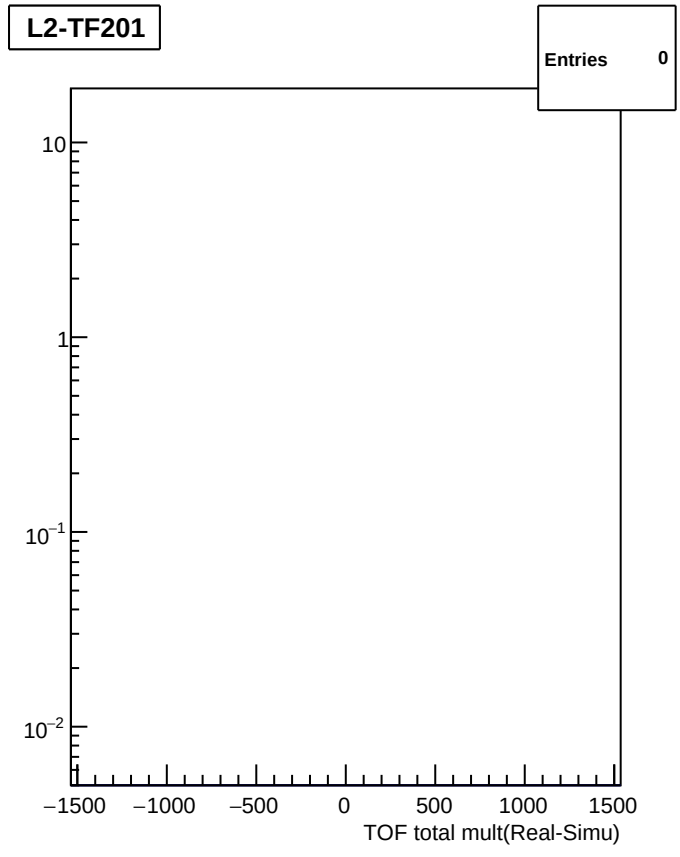

MIX-TF101
Entries 1943622
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

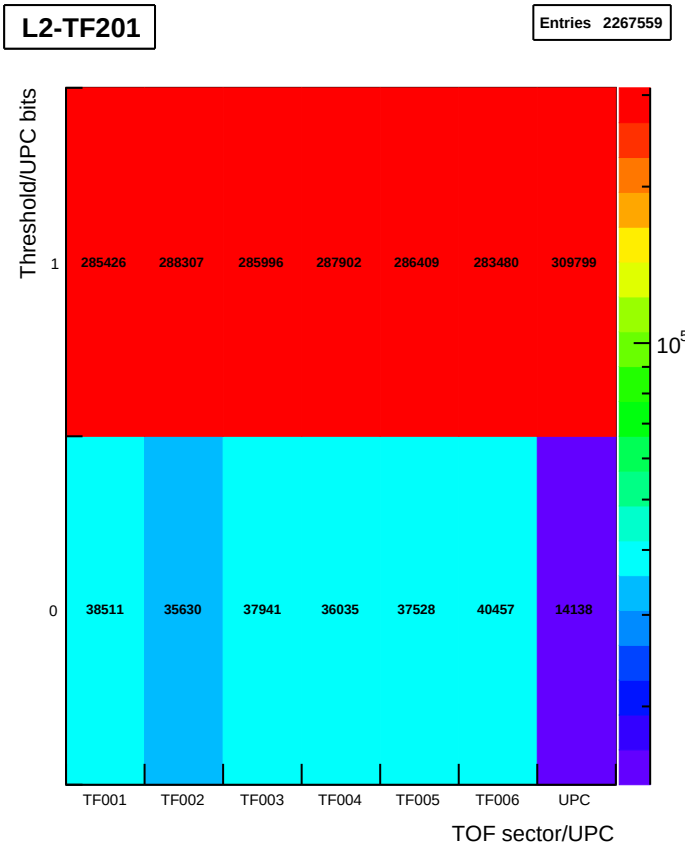

MIX-TF101
Entries 99801
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

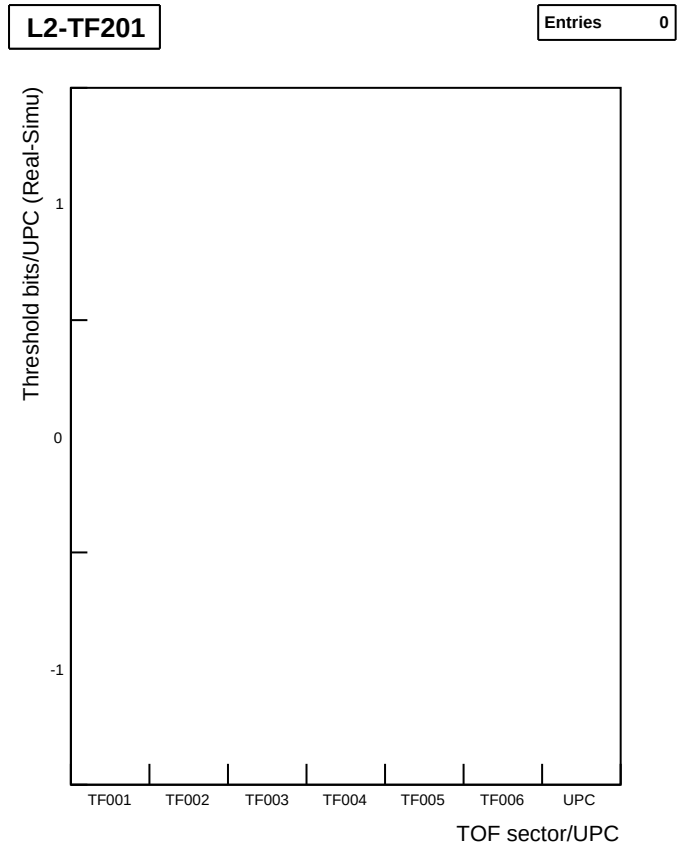

MIX-TF101
Entries 1943622
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

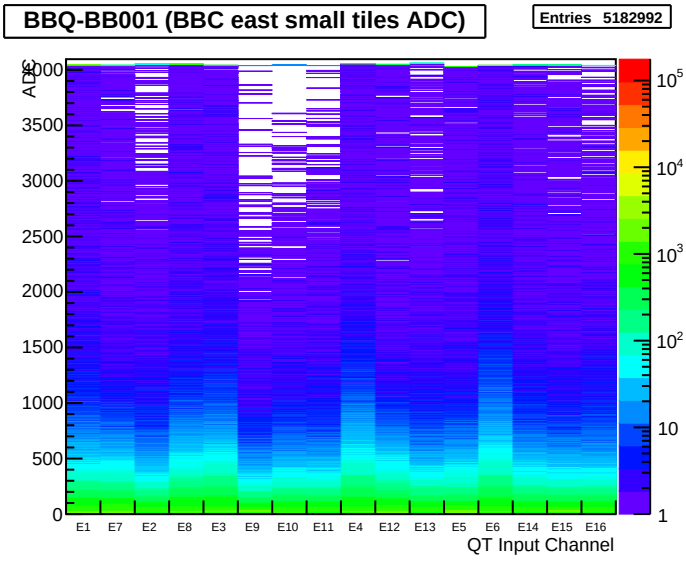

MIX-TF101
Entries 202622
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

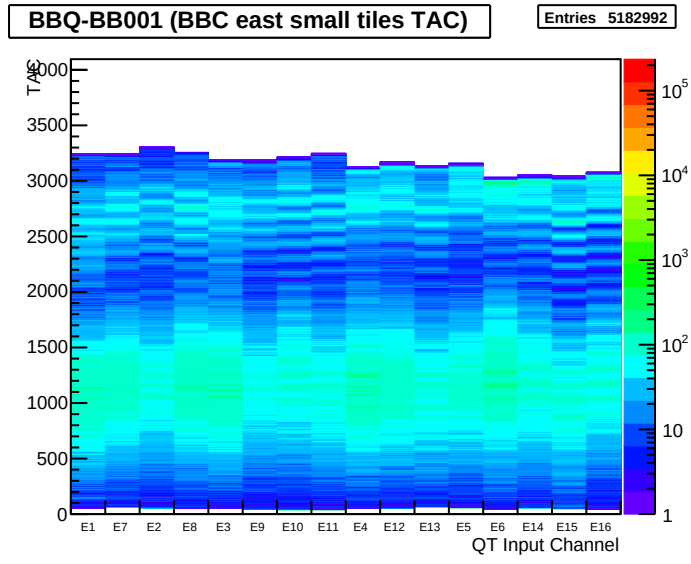

L2-TF201
Entries 323937
TOF total mult

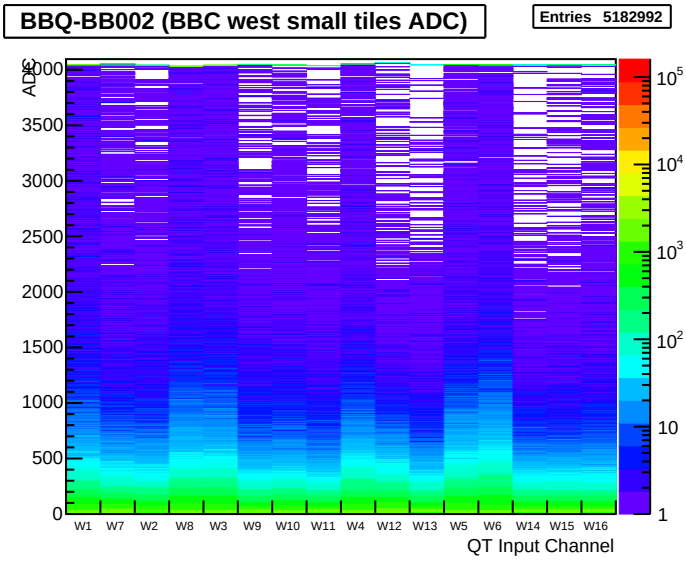

L2-TF201
Entries 0
TOF total mult(Real-Simu)

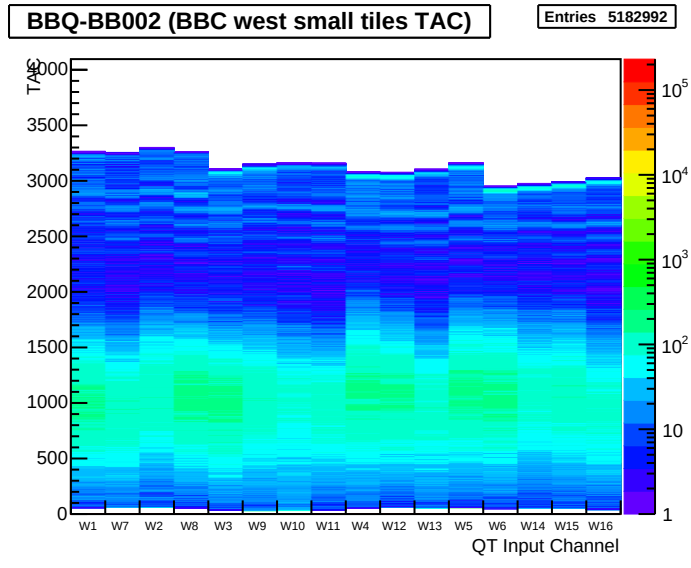

L2-TF201
Entries 2267559
Threshold/UPC bits
285426
288307
285996
287902
286409
283480
309799
38511
35630
37941
36035
37528
40457
14138
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

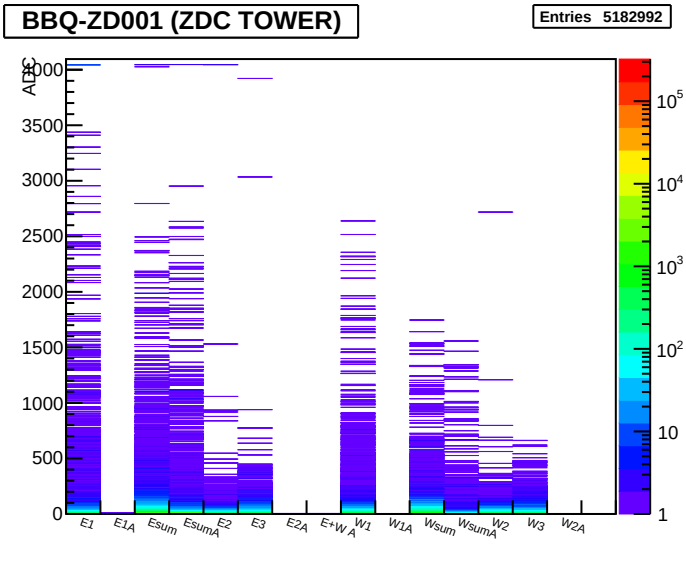

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

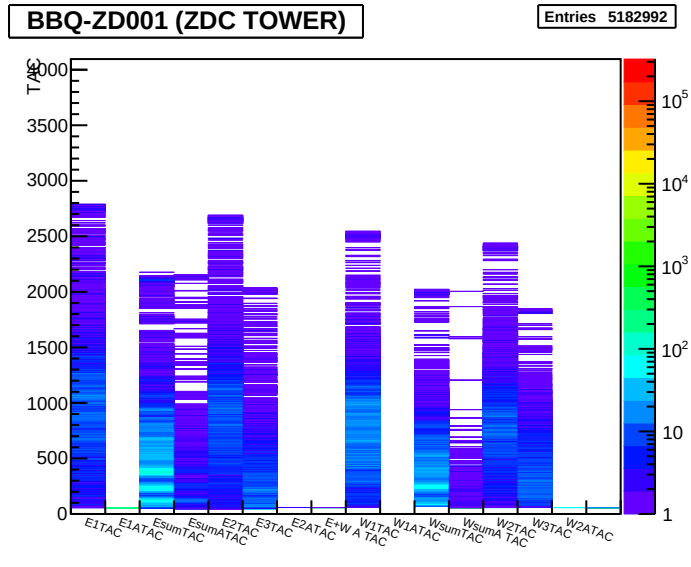

BBQ-BB001 (BBC east small tiles ADC)
Entries 5182992
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

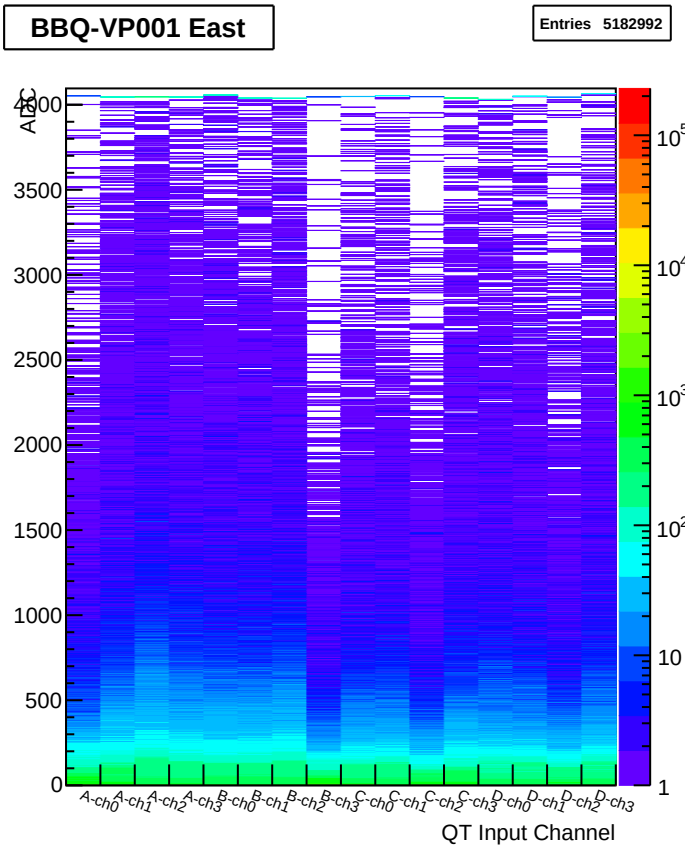

BBQ-BB001 (BBC east small tiles TAC)
Entries 5182992
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

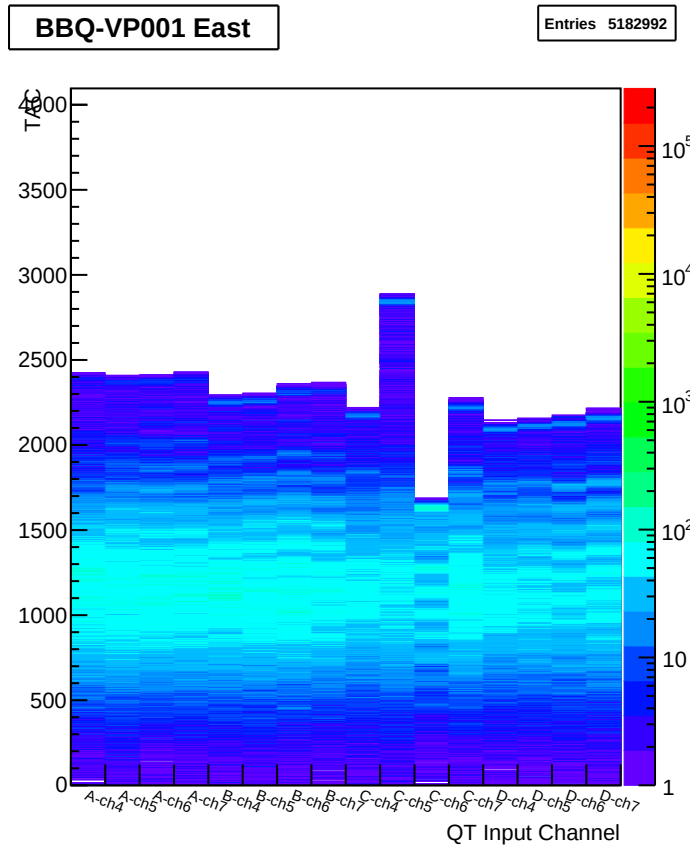

BBQ-BB002 (BBC west small tiles ADC)
Entries 5182992
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

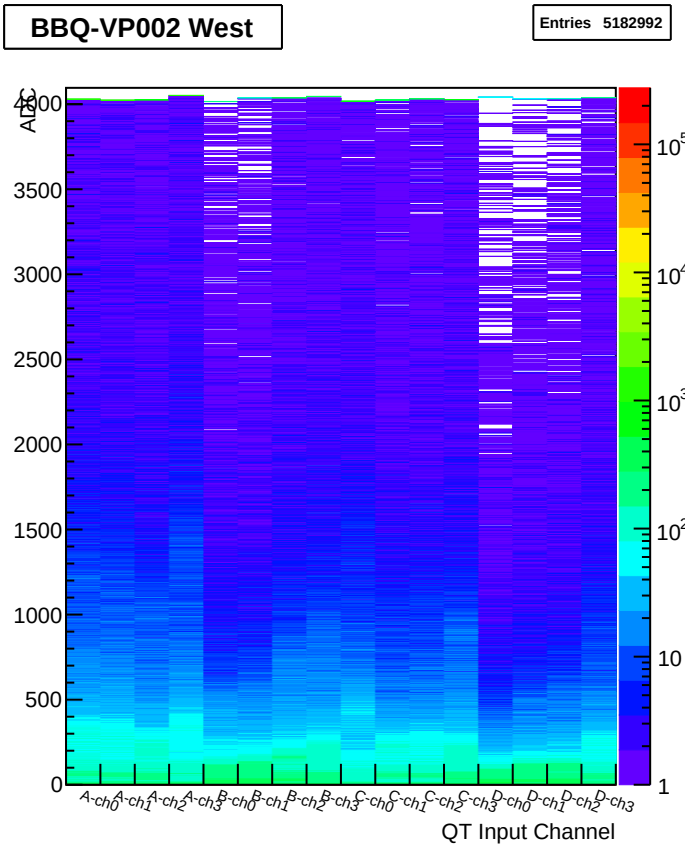

BBQ-BB002 (BBC west small tiles TAC)
Entries 5182992
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

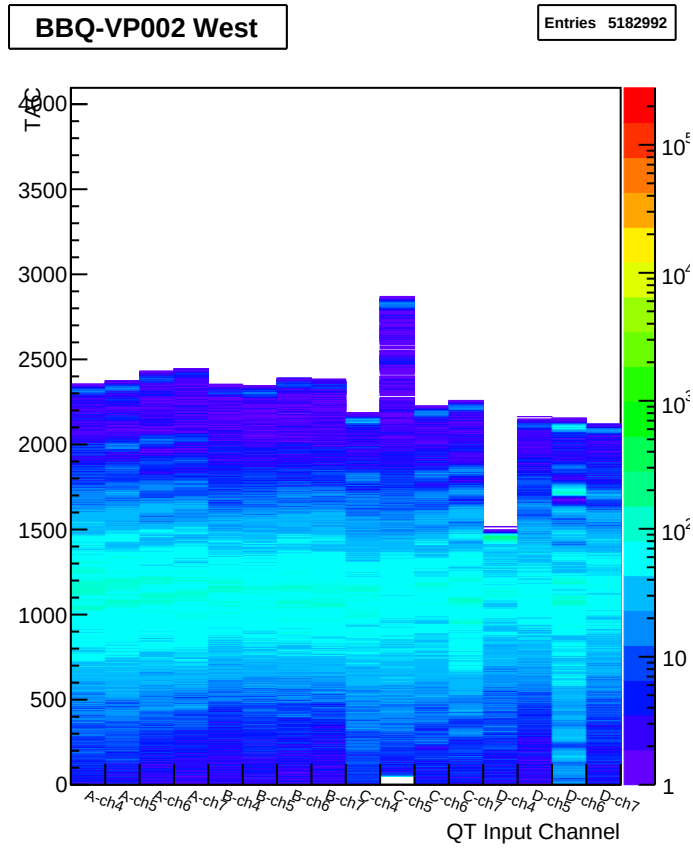

BBQ-ZD001 (ZDC TOWER)
Entries 5182992
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

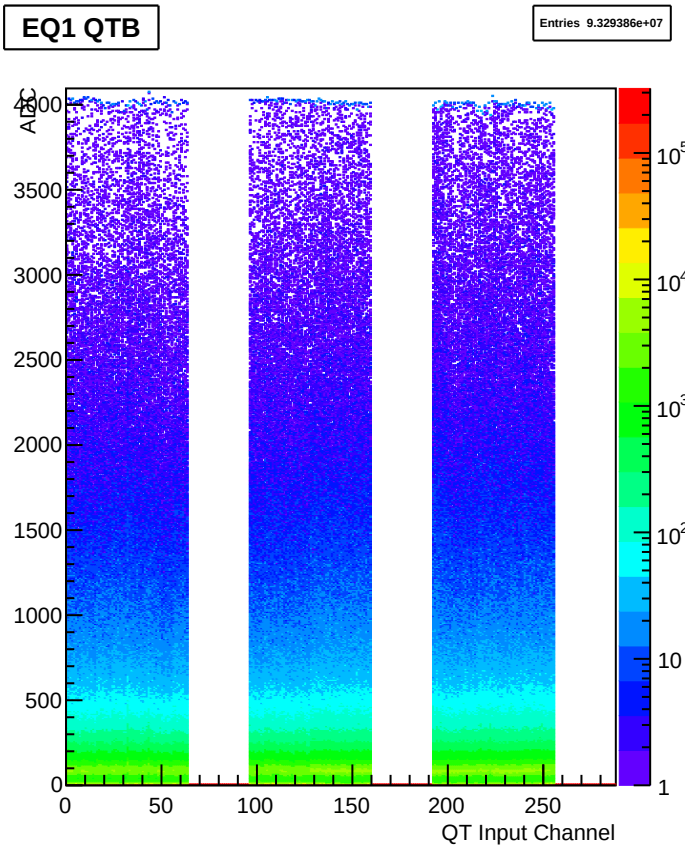

BBQ-ZD001 (ZDC TOWER)
Entries 5182992
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

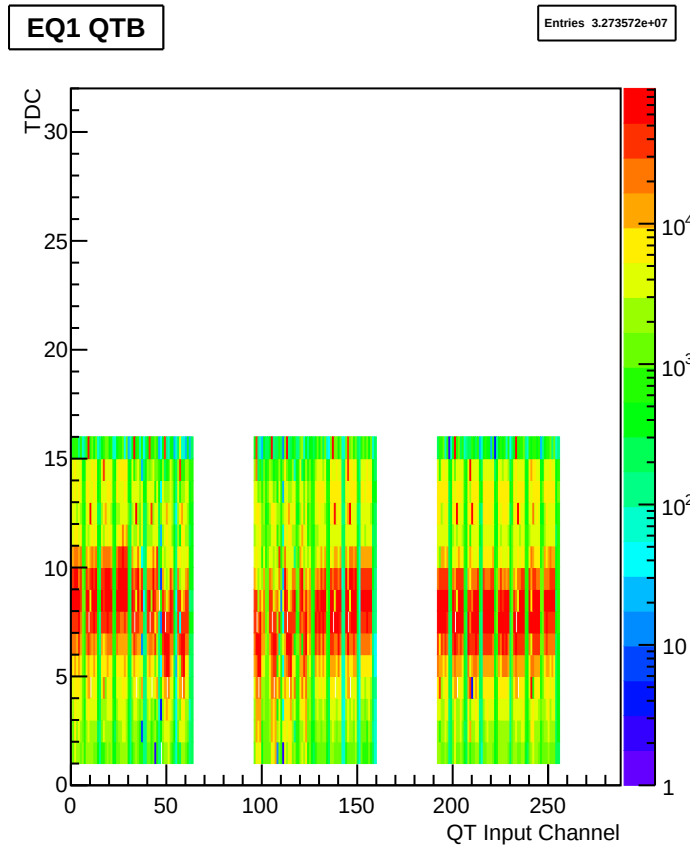

BBQ-VP001 East
Entries 5182992
ADC
QT Input Channel

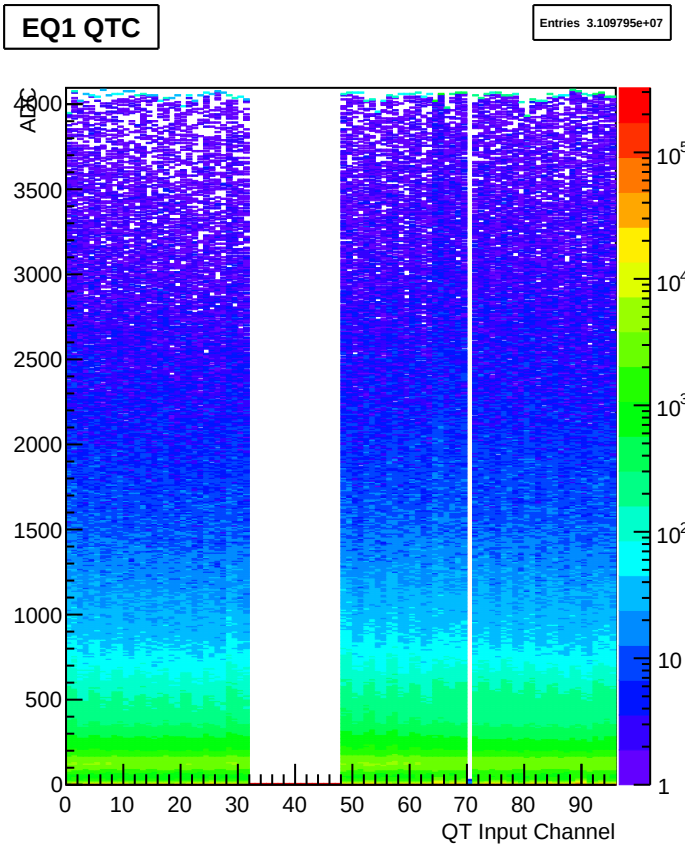

BBQ-VP001 East
Entries 5182992
TADC
QT Input Channel

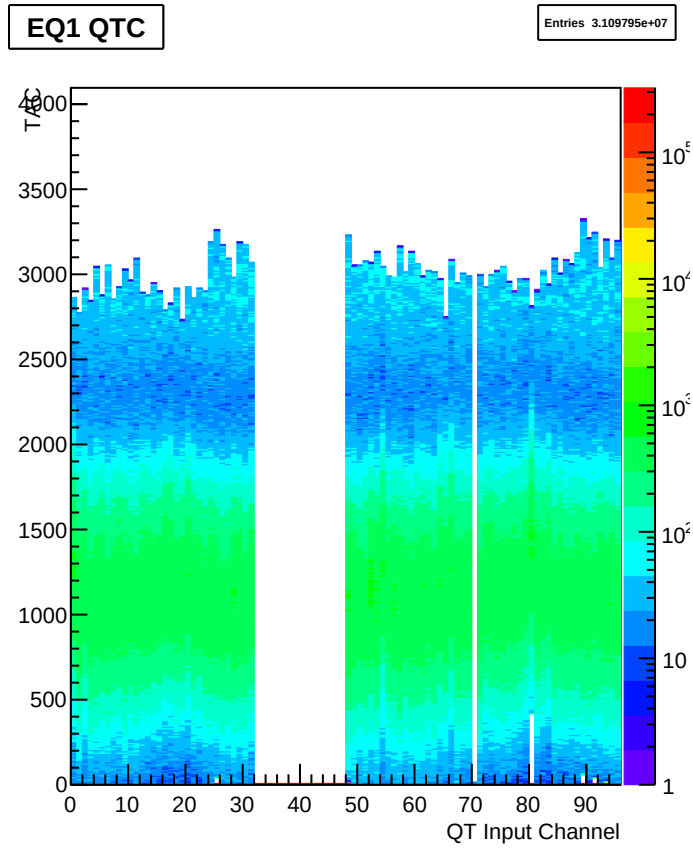

BBQ-VP002 West
Entries 5182992
ADC
QT Input Channel

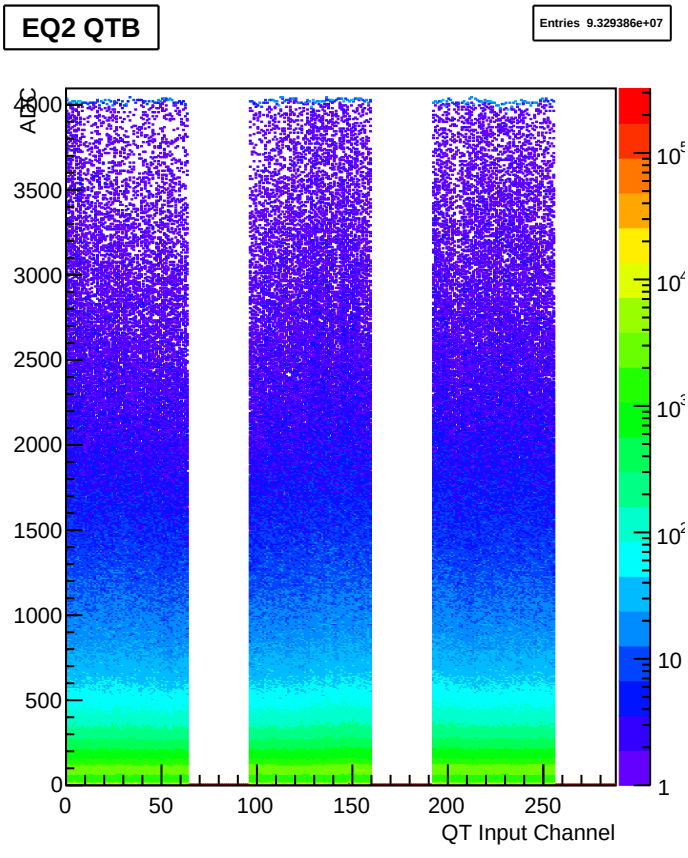

BBQ-VP002 West
Entries 5182992
TADC
QT Input Channel

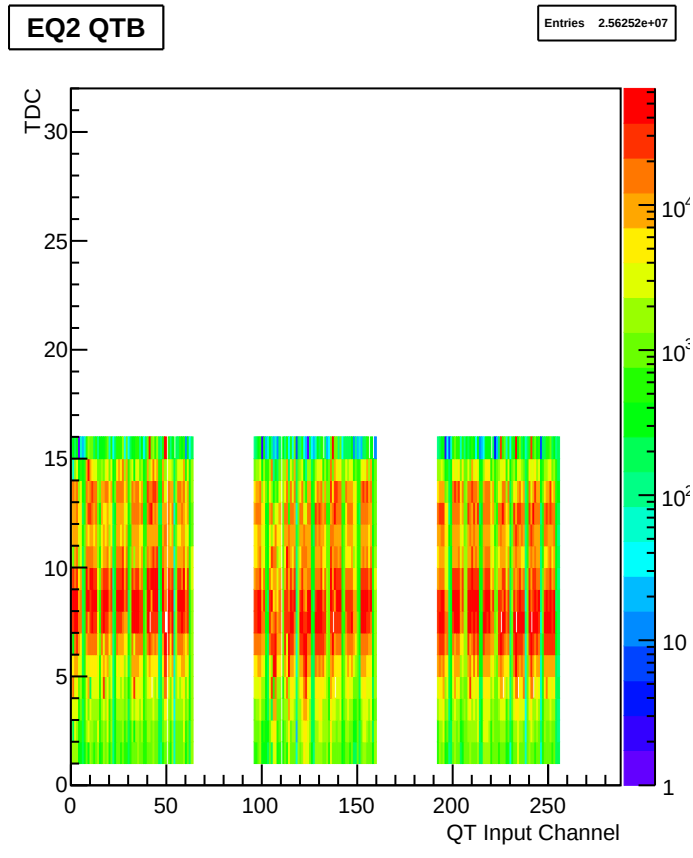

EQ1 QTB
Entries 9.329386e+07
ADC
QT Input Channel

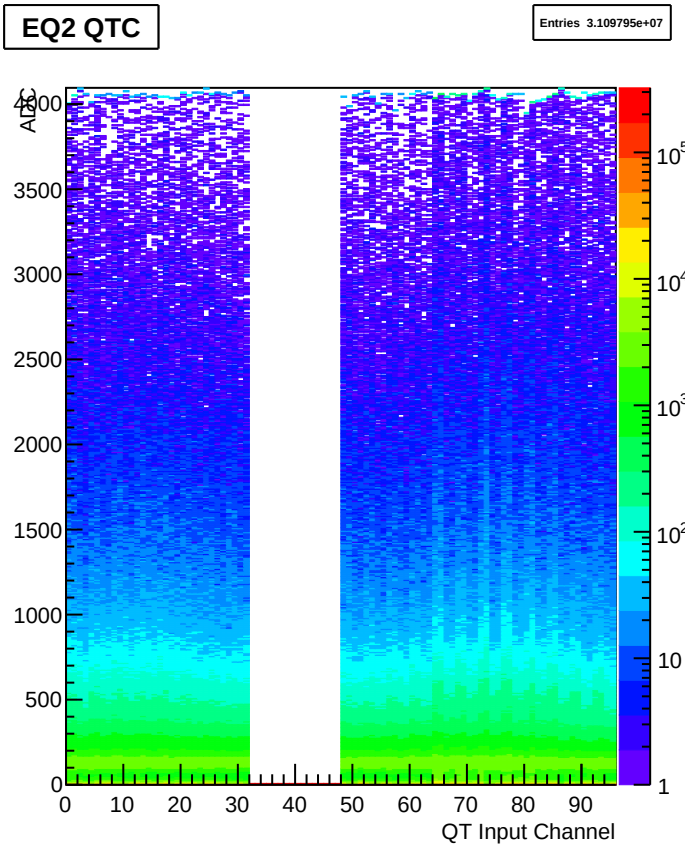

EQ1 QTB
Entries 3.273572e+07
TDC
QT Input Channel

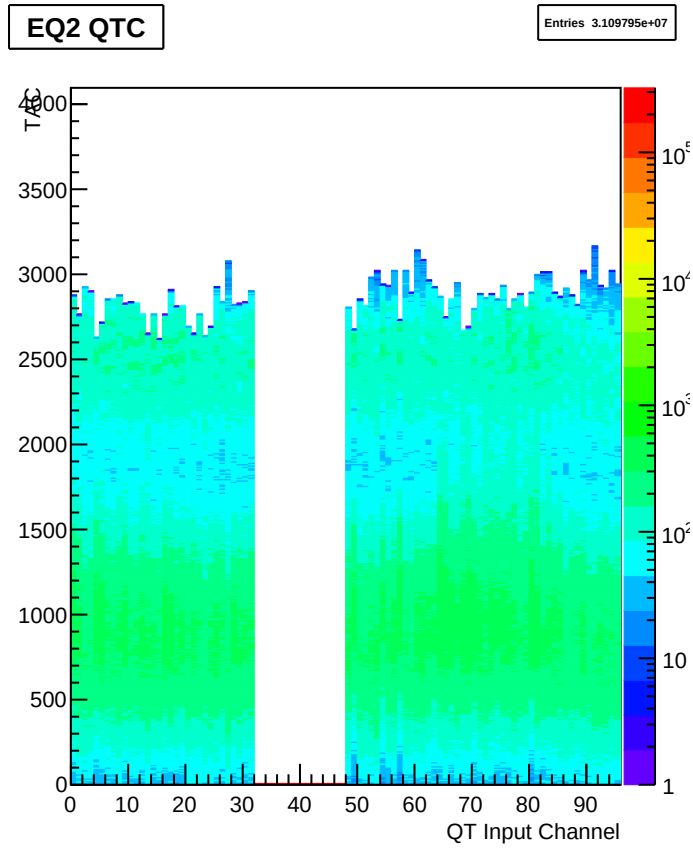

EQ1 QTC
Entries 3.109795e+07
ADC
QT Input Channel

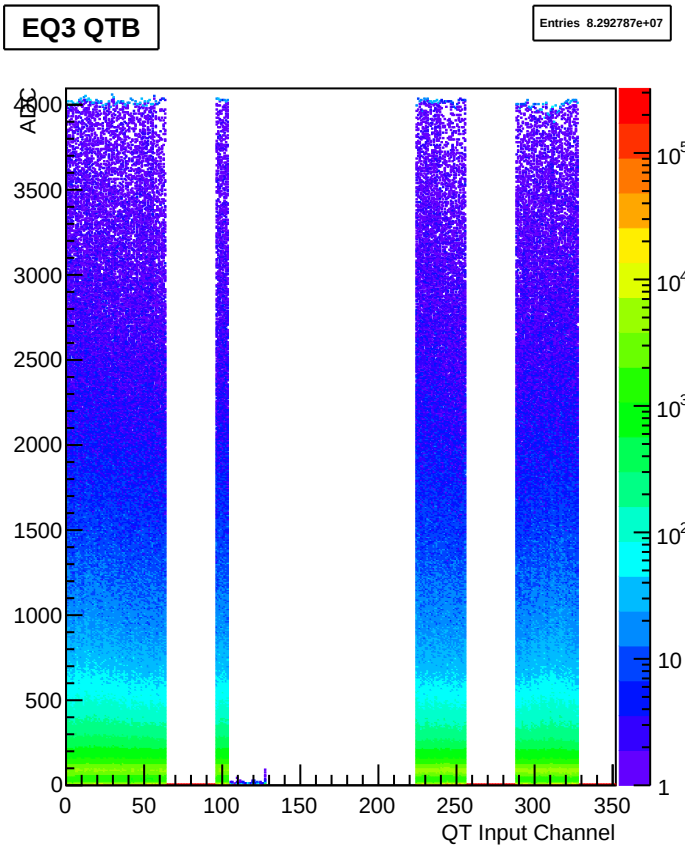

EQ1 QTC
Entries 3.109795e+07
TADC
QT Input Channel

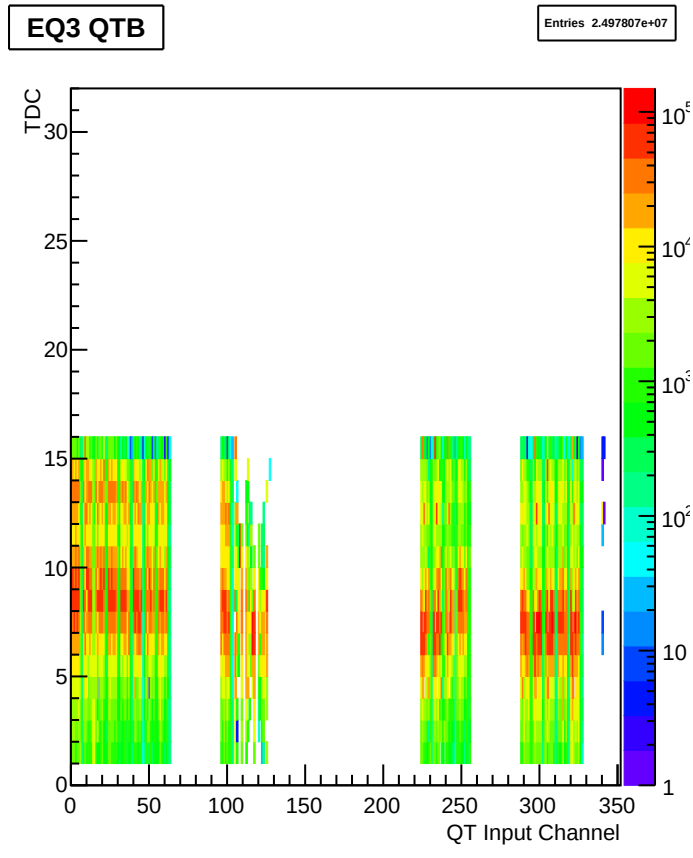

EQ2 QTB
Entries 9.329386e+07
ADC
QT Input Channel

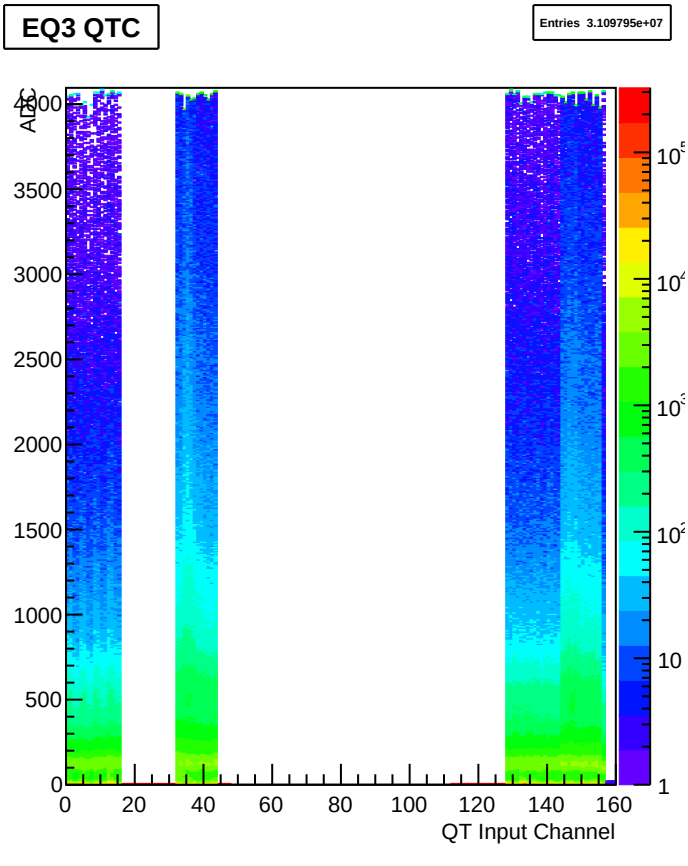

EQ2 QTB
Entries 2.56252e+07
TDC
QT Input Channel

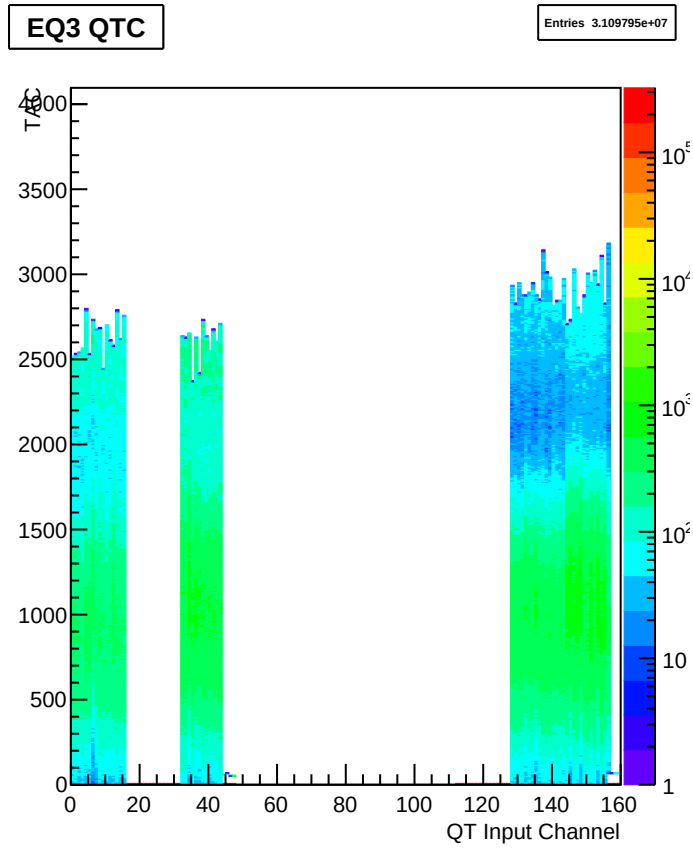

EQ2 QTC
Entries 3.109795e+07
ADC
QT Input Channel

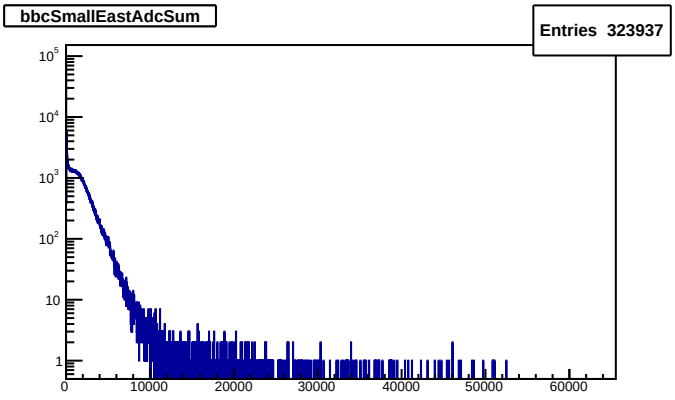

EQ2 QTC
Entries 3.109795e+07
TADC
QT Input Channel

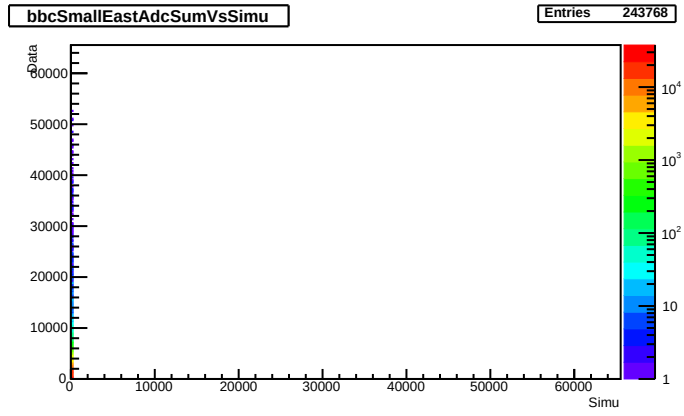

EQ3 QTB
Entries 8.292787e+07
ADC
QT Input Channel

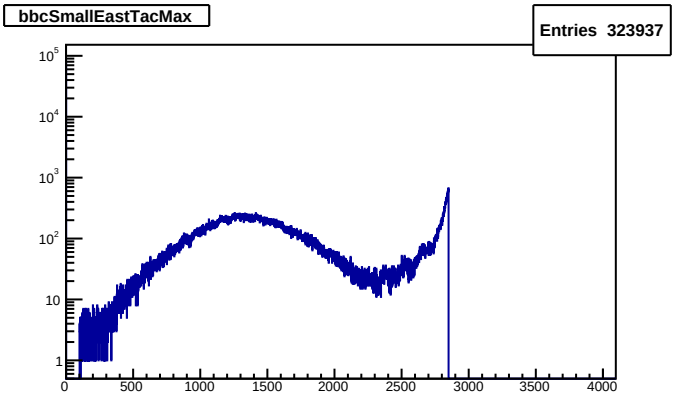

EQ3 QTB
Entries 2.497807e+07
TDC
QT Input Channel

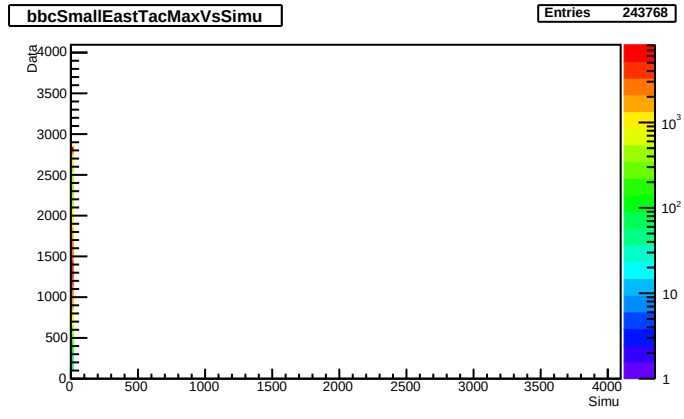

EQ3 QTC
Entries 3.109795e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.109795e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 323937


bbcSmallEastAdcSumVsSimu
Entries 243768
Data
Simu


bbcSmallEastTacMax
Entries 323937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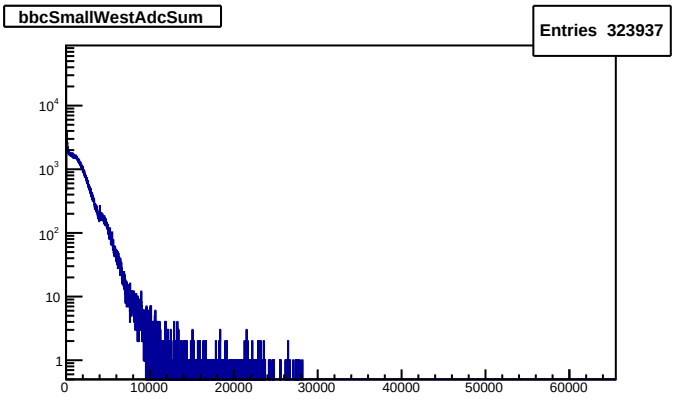
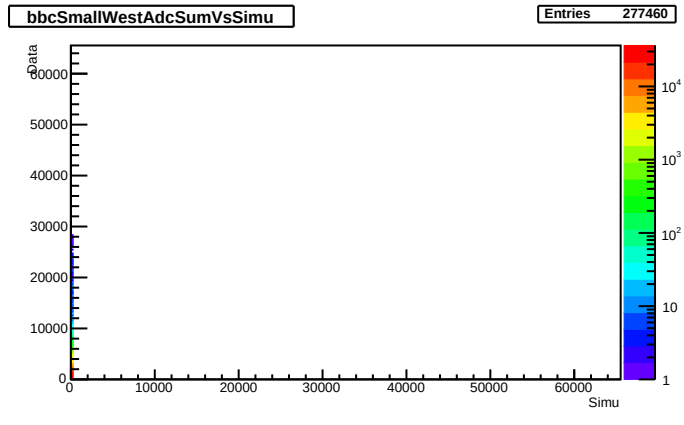
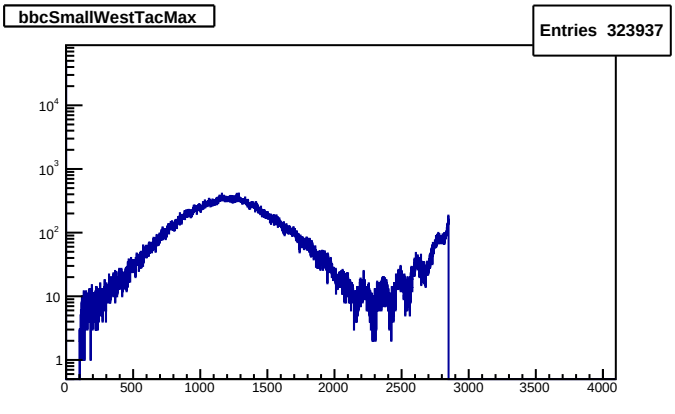
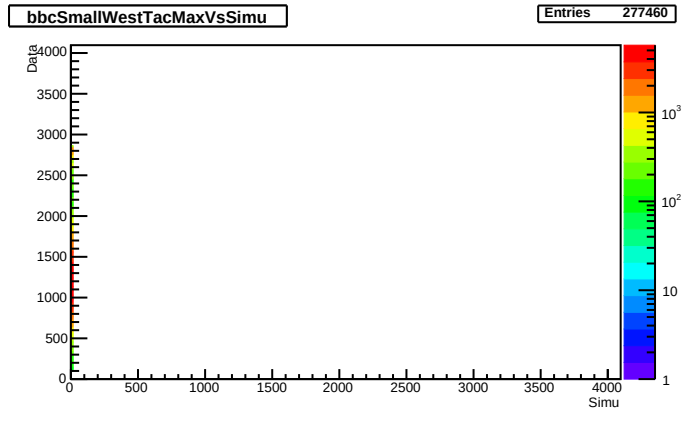
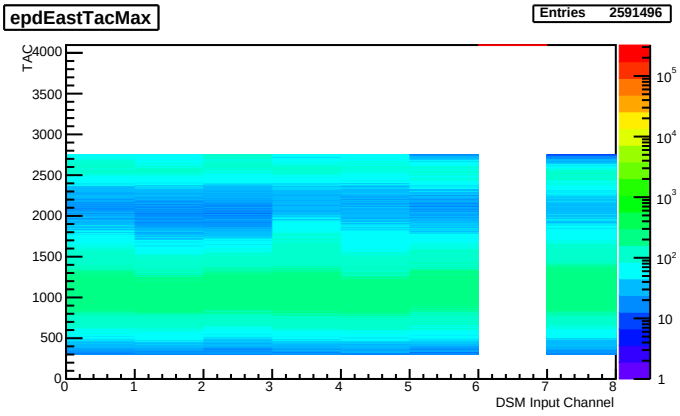
Entries 243768
Data
Simu

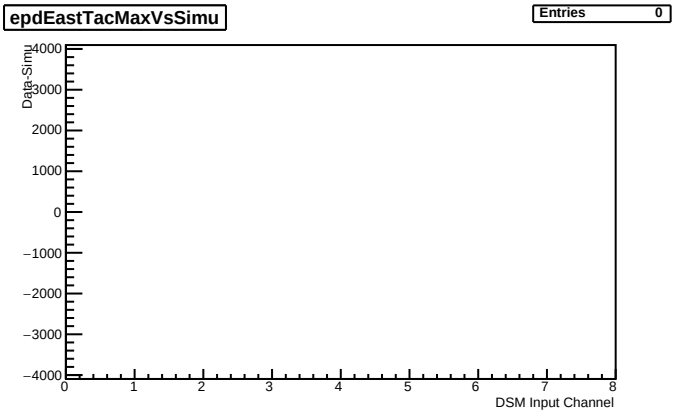

bbcSmallWestAdcSum
Entries 323937

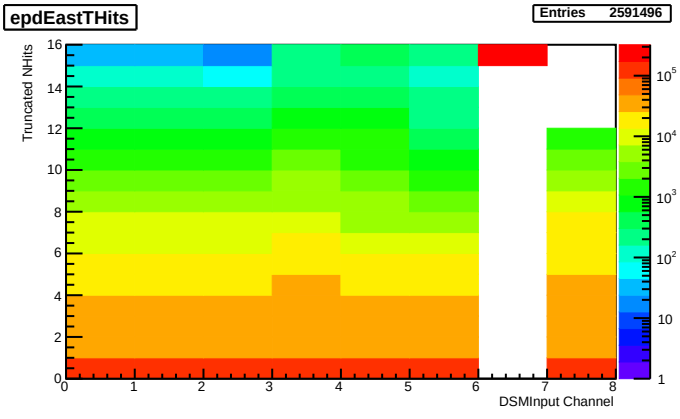

bbcSmallWestAdcSumVsSimu
Entries 277460
Data
Simu

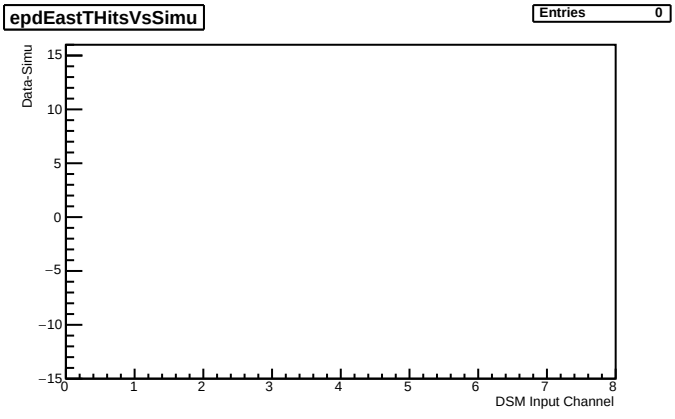

bbcSmallWestTacMax
Entries 323937

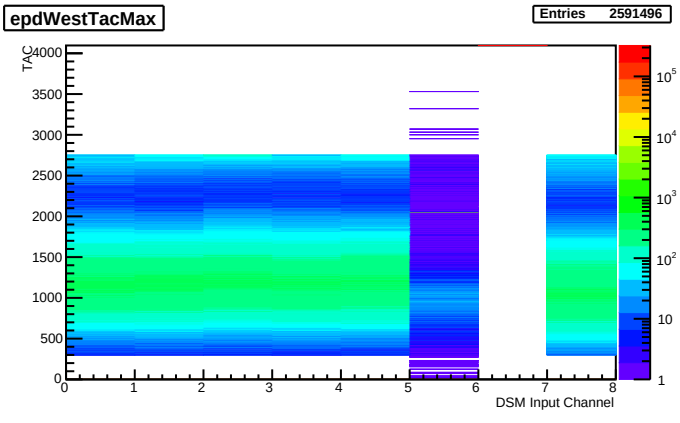

bbcSmallWestTacMaxVsSimu
Entries 277460
Data
Simu

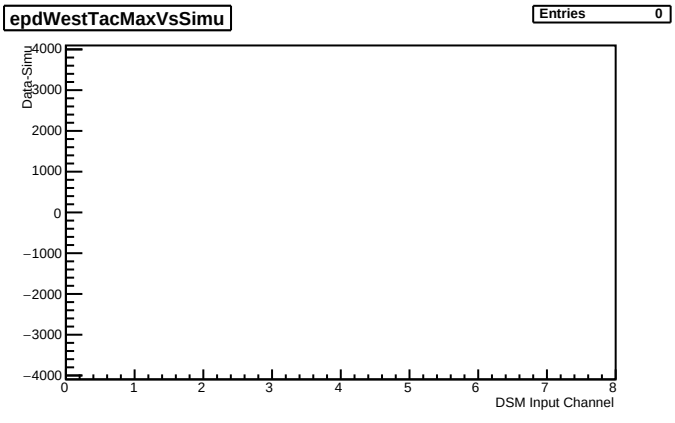

epdEastTacMax
Entries 2591496
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2591496
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2591496
TAC
DSM Input Channel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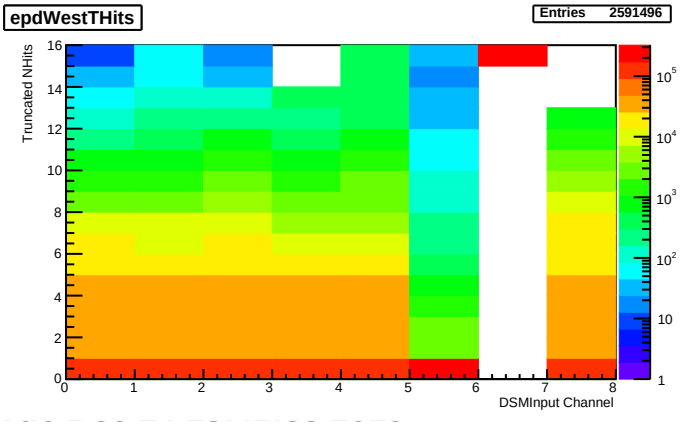
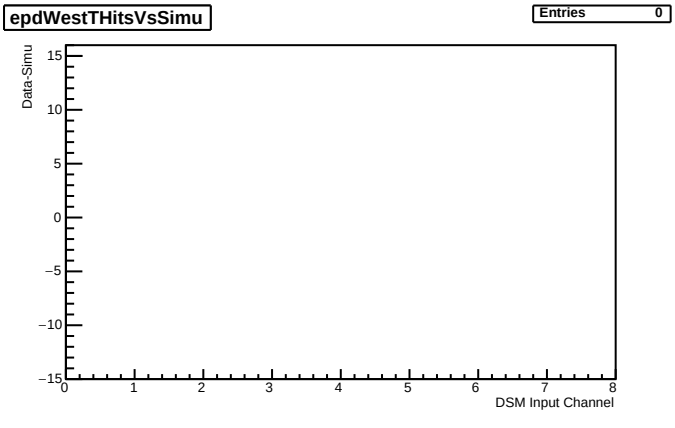
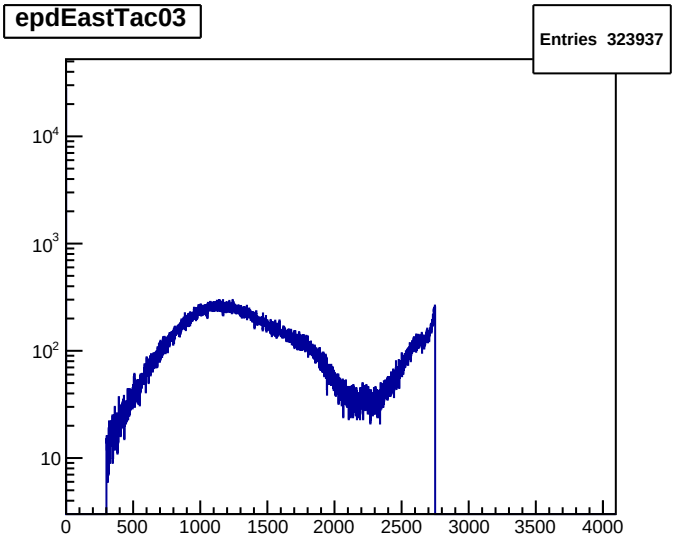
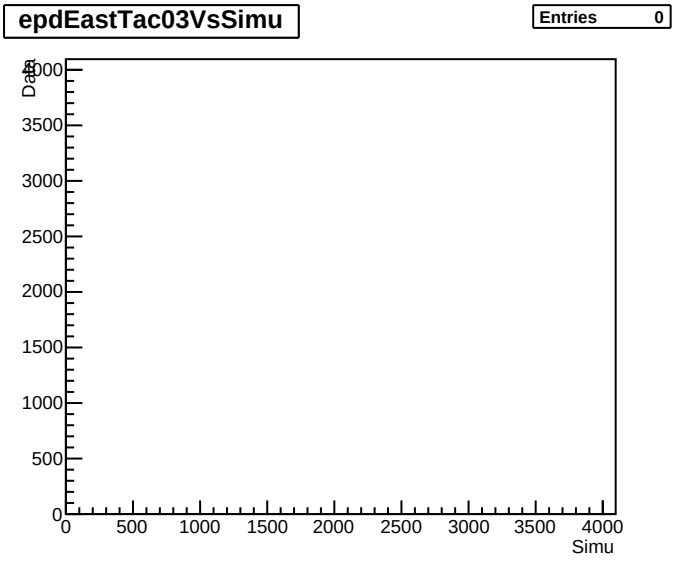
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2591496
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 323937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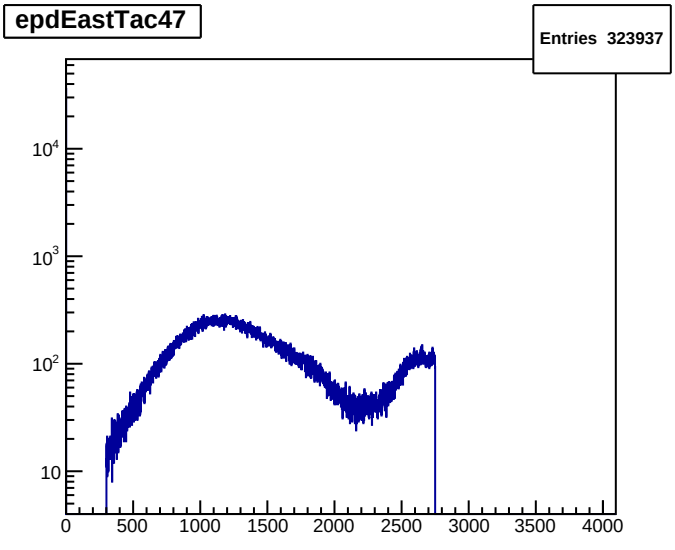
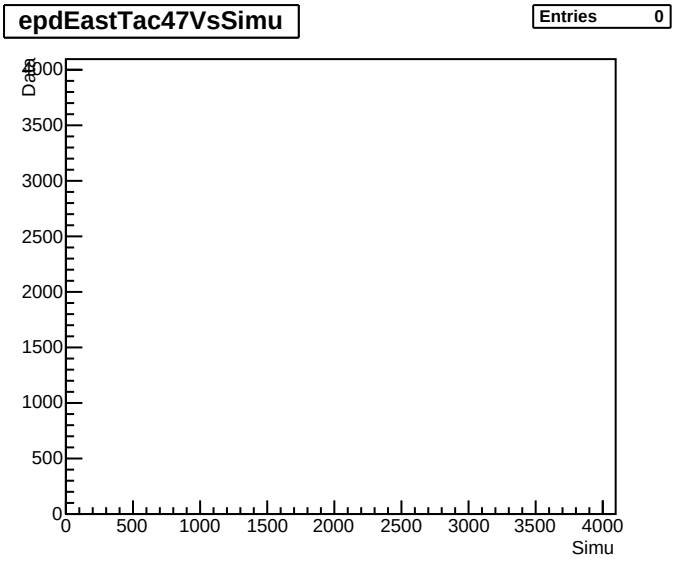
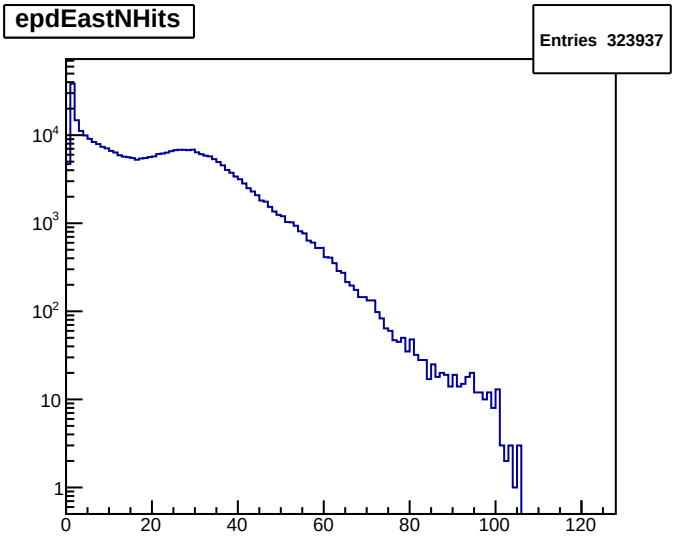
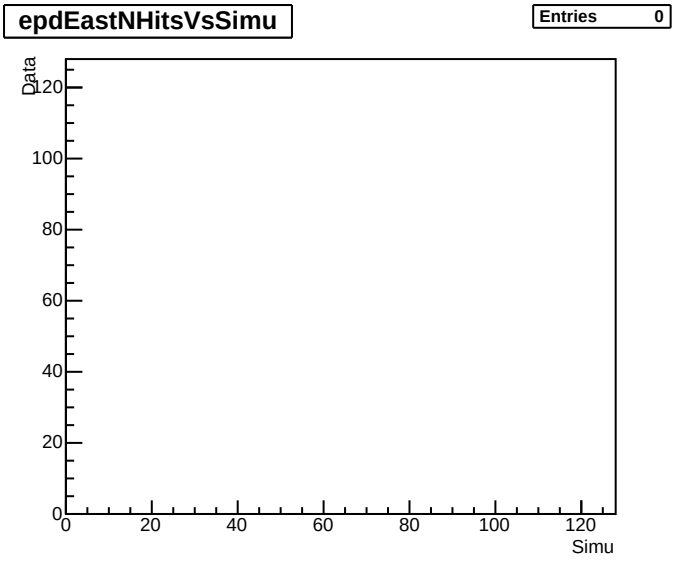
Entries 0
Data
Simu


epdEastTac47
Entries 323937


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 323937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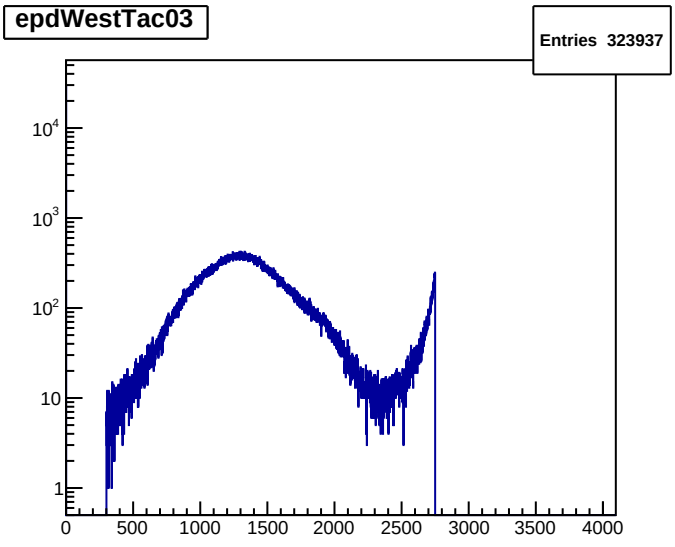
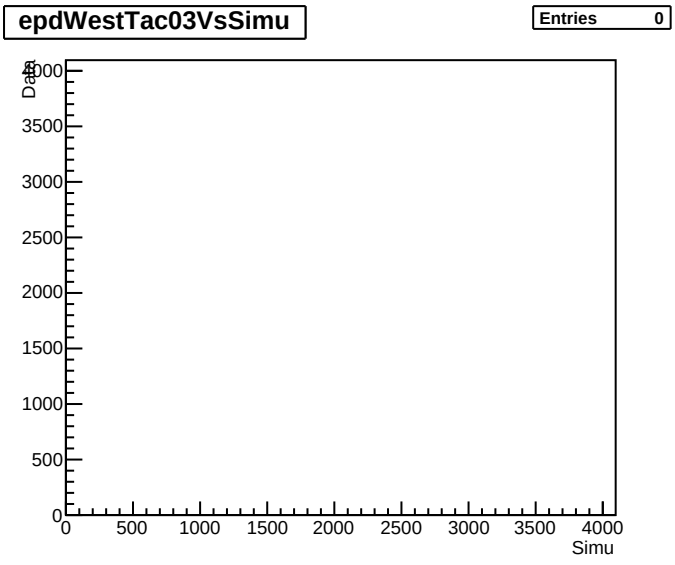
Entries 0
Data
Simu


epdWestTac03
Entries 323937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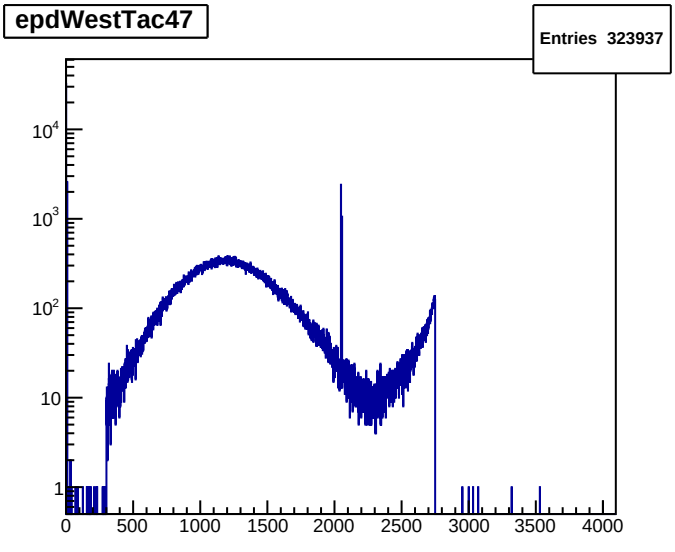
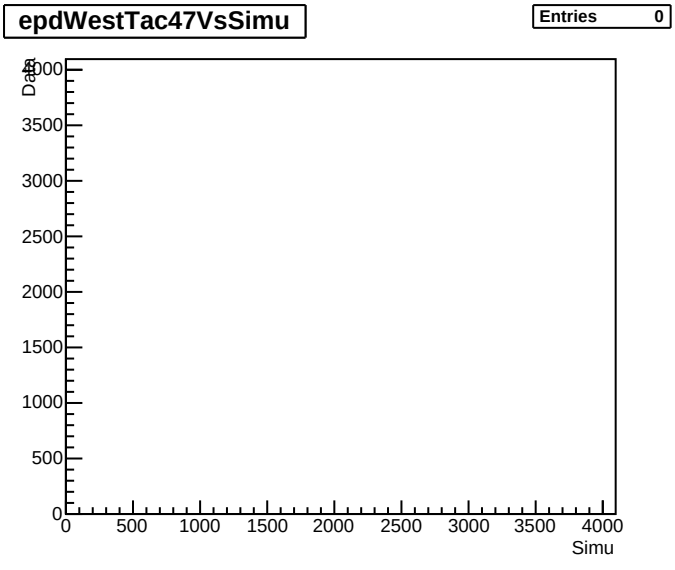
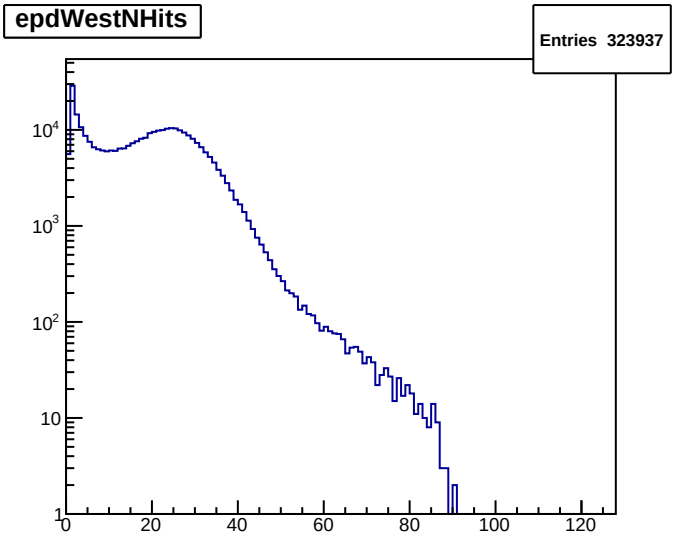
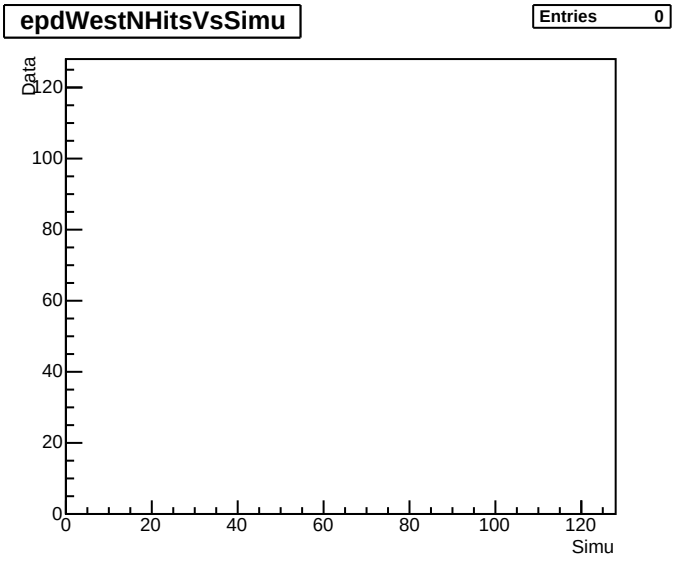
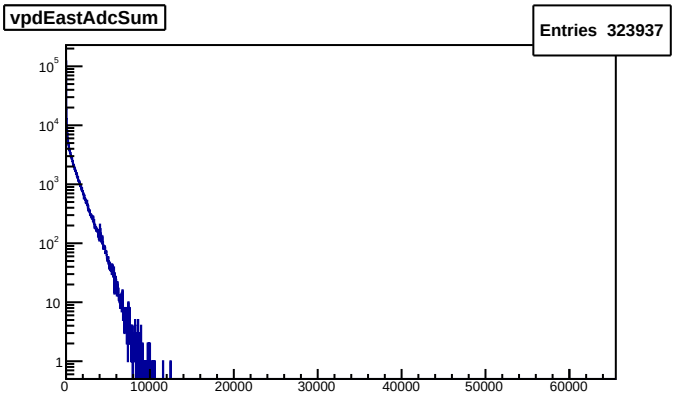
Entries 0
Data
Simu

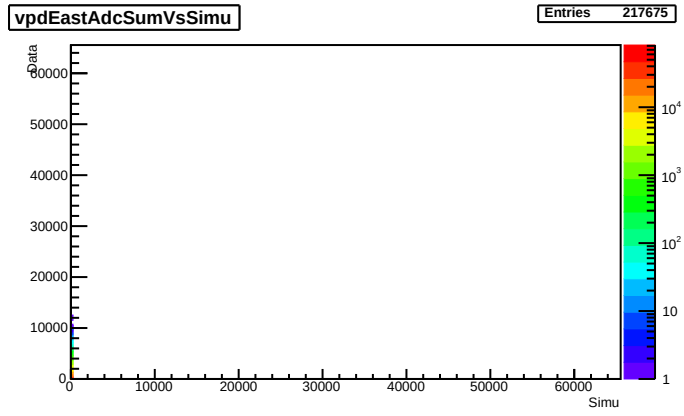

epdWestTac47
Entries 323937

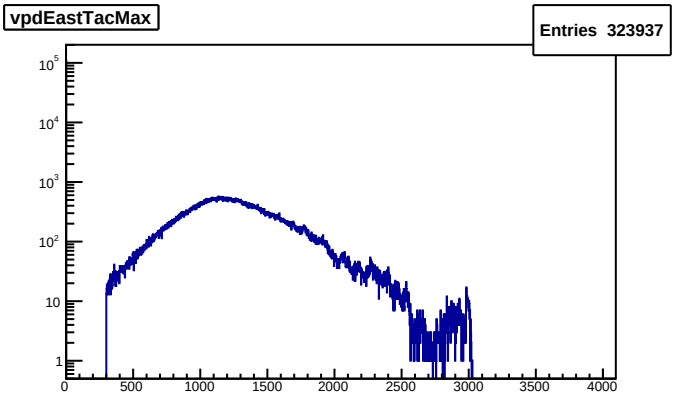

epdWestTac47VsSimu
Entries 0
Data
Simu

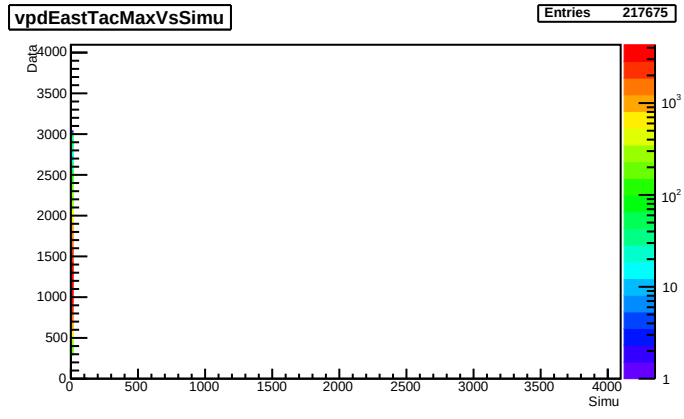

epdWestNHits
Entries 323937

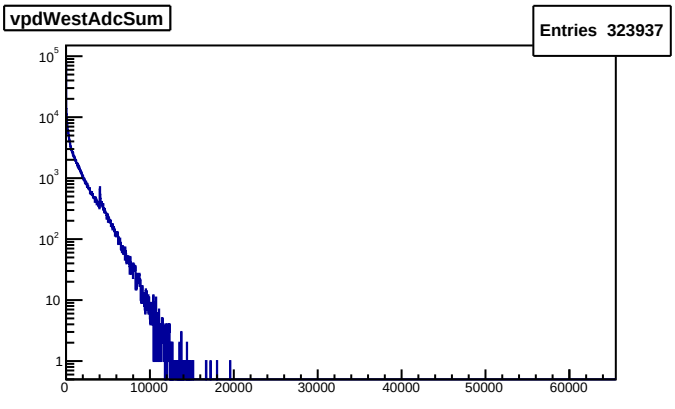

epdWestNHitsVsSimu
Entries 0
Data
Simu

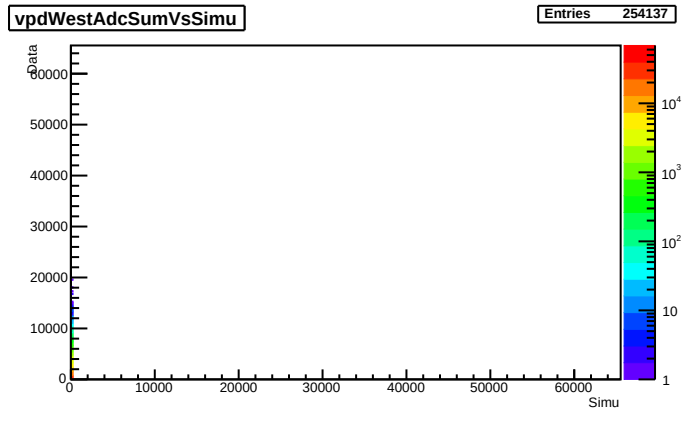

vpdEastAdcSum
Entries 323937

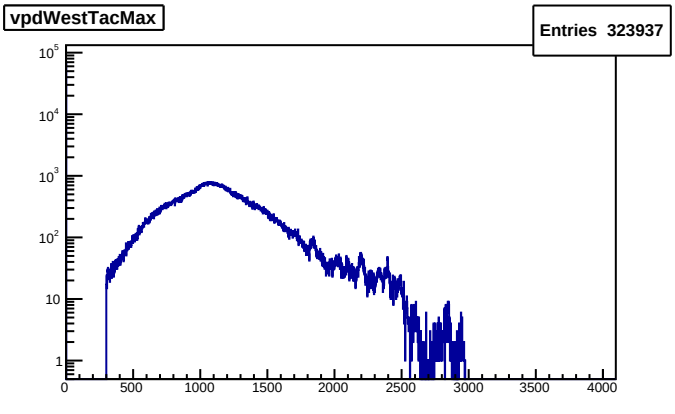

vpdEastAdcSumVsSimu
Entries 217675
Data
Simu

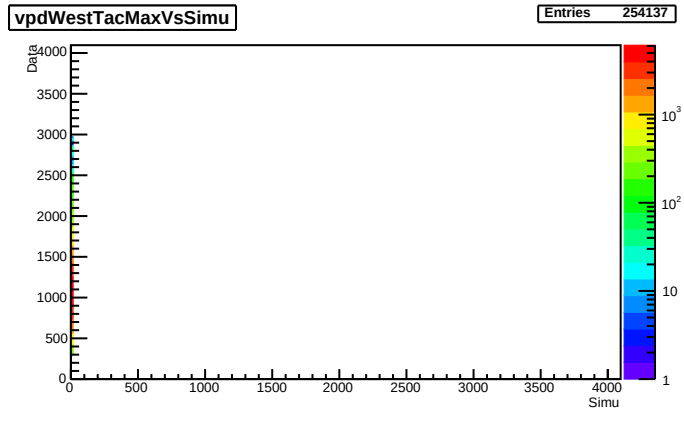

vpdEastTacMax
Entries 323937

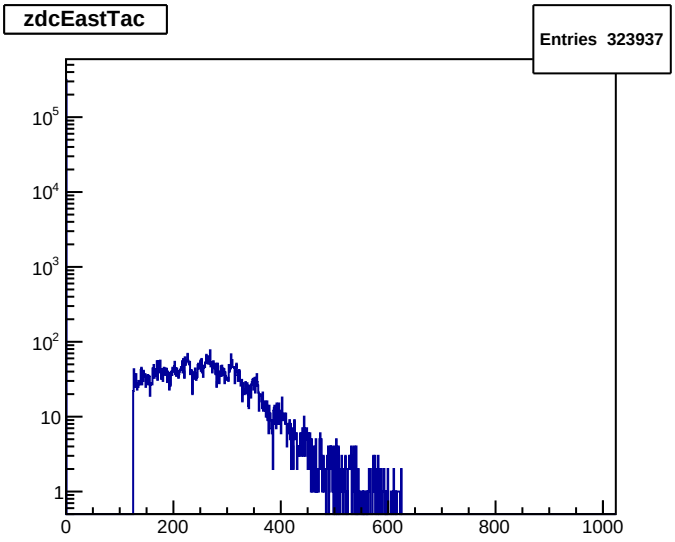

vpdEastTacMaxVsSimu
Entries 217675
Data
Simu

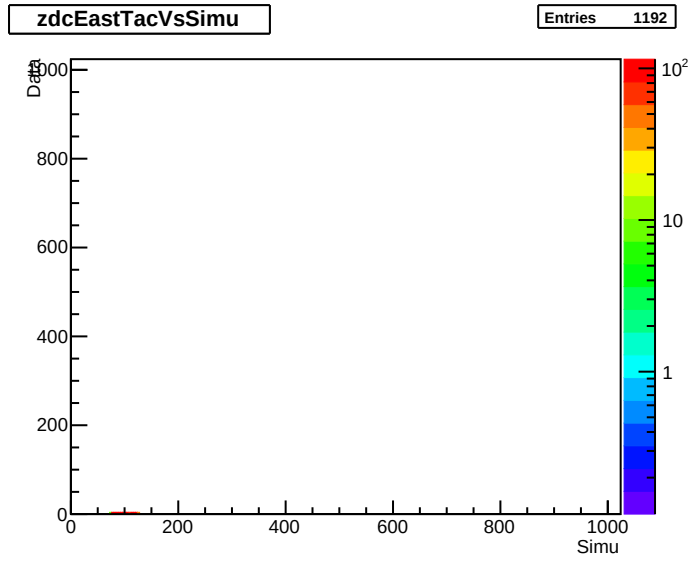

vpdWestAdcSum
Entries 323937

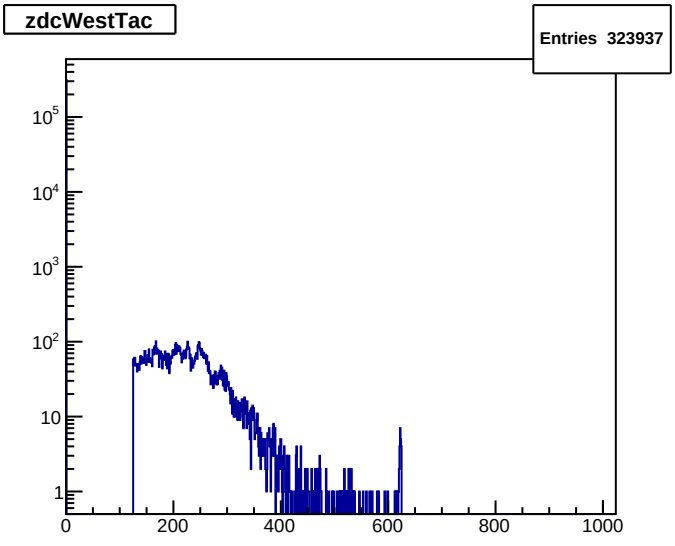

vpdWestAdcSumVsSimu
Entries 254137
Data
Simu

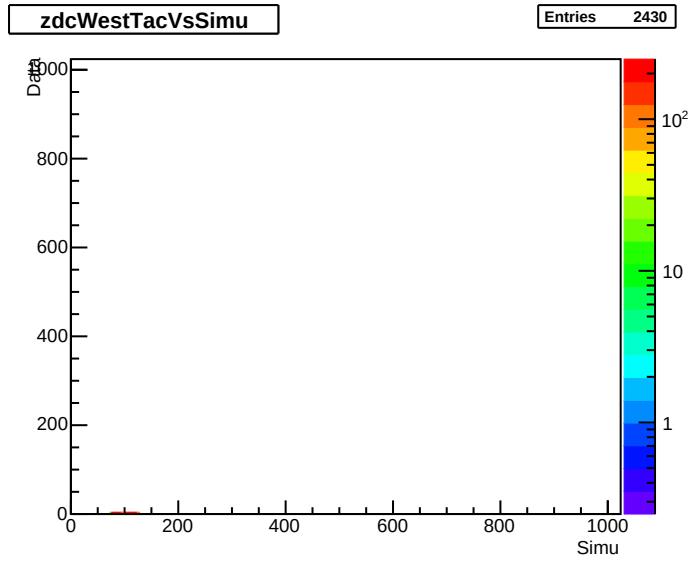

vpdWestTacMax
Entries 323937

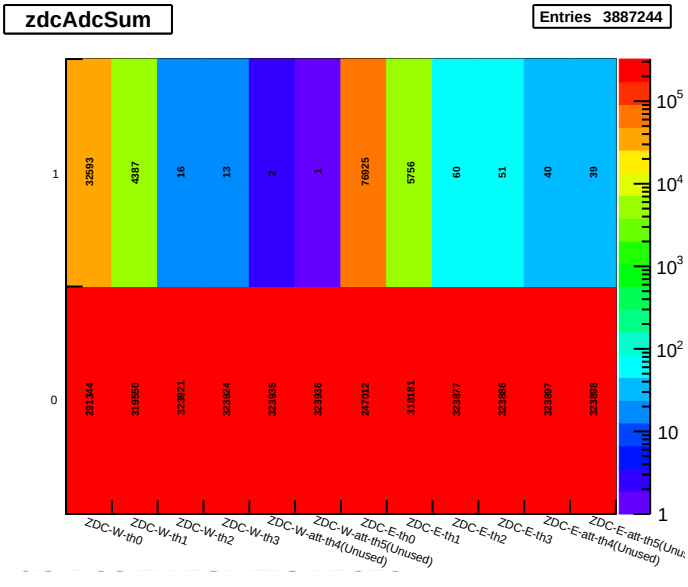

vpdWestTacMaxVsSimu
Entries 254137
Data
Simu

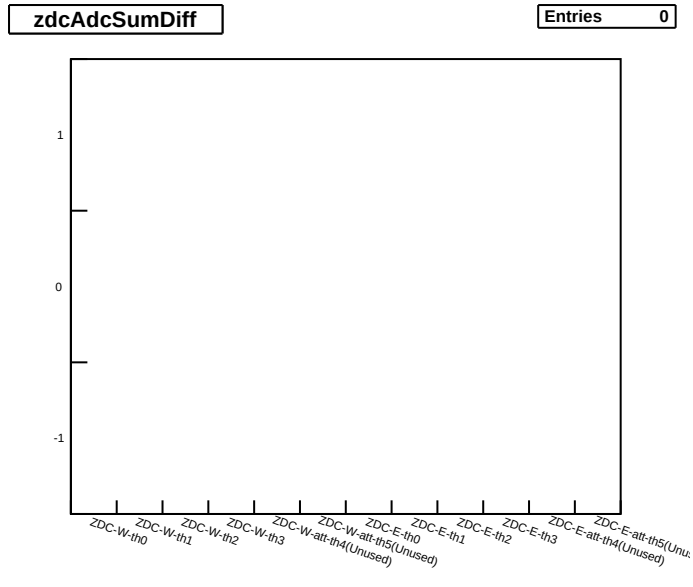

zdcEastTac
Entries 323937

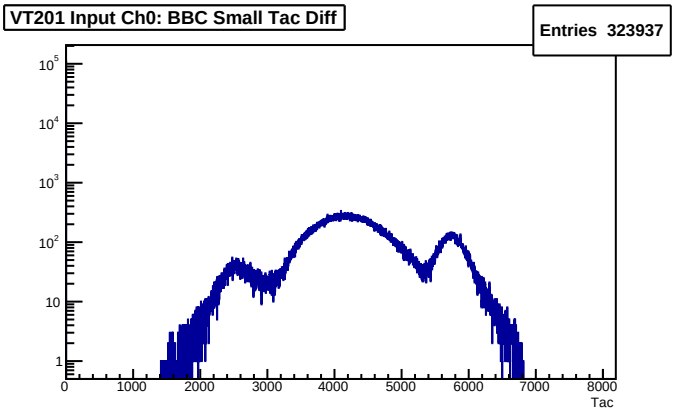

zdcEastTacVsSimu
Entries 1192
Data
Simu

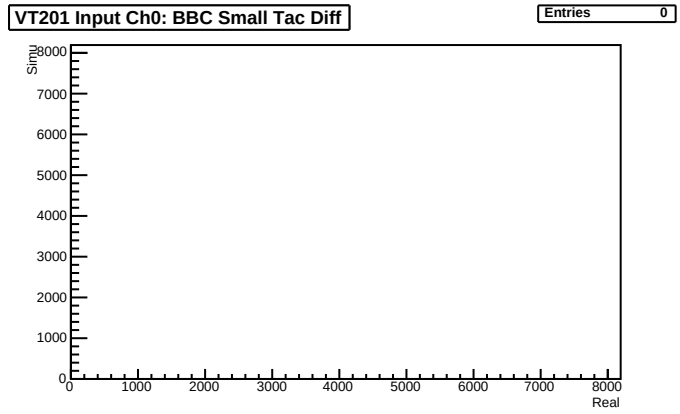

zdcWestTac
Entries 323937

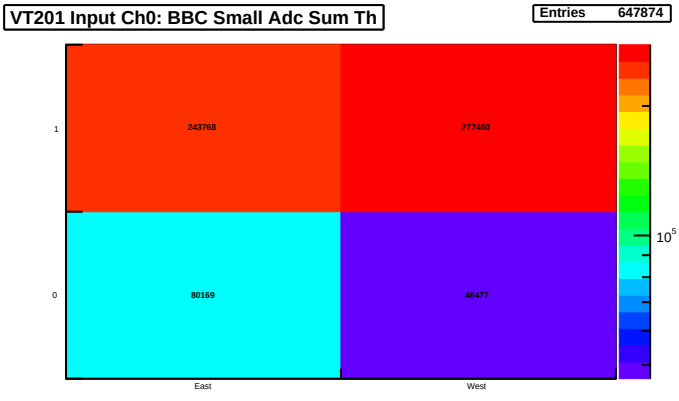

zdcWestTacVsSimu
Entries 2430
Data
Simu

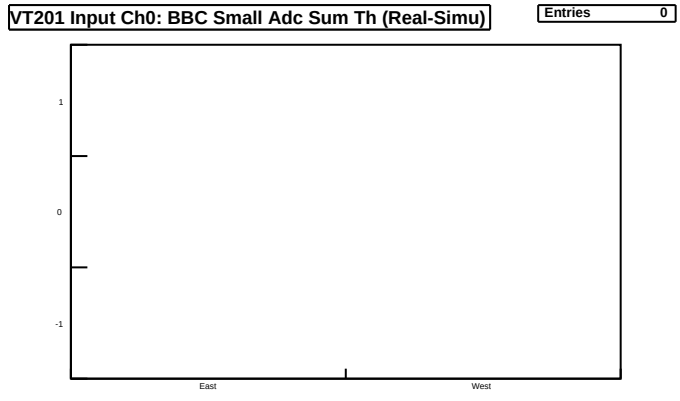

zdcAdcSum
Entries 3887244
32593
4387
16
13
2
1
76925
5756
60
51
40
39
291344
319550
323921
323924
323935
323936
247012
318181
323877
323886
323897
323898
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

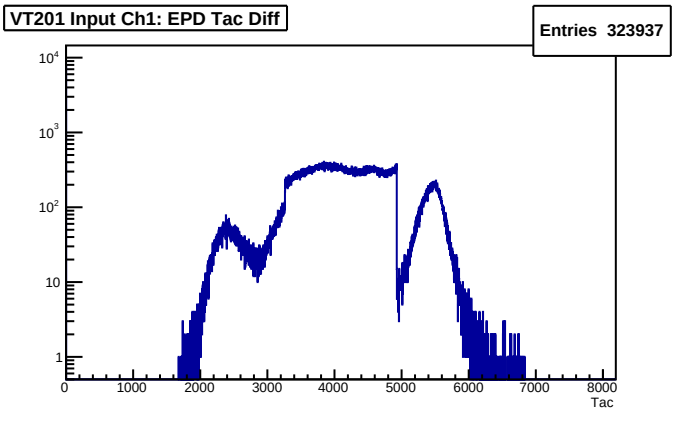

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

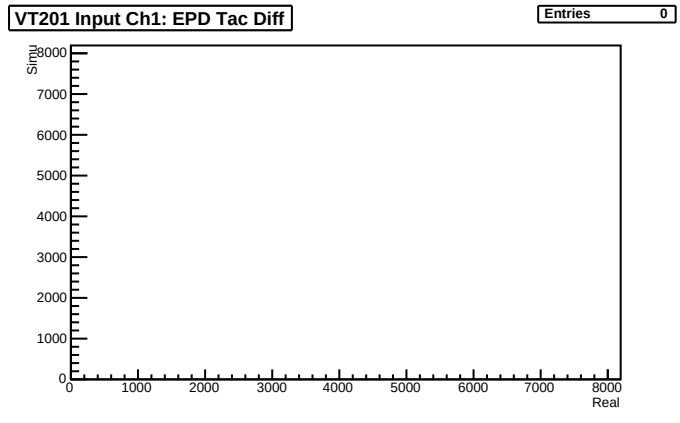

VT201 Input Ch0: BBC Small Tac Diff
Entries 323937
Tac

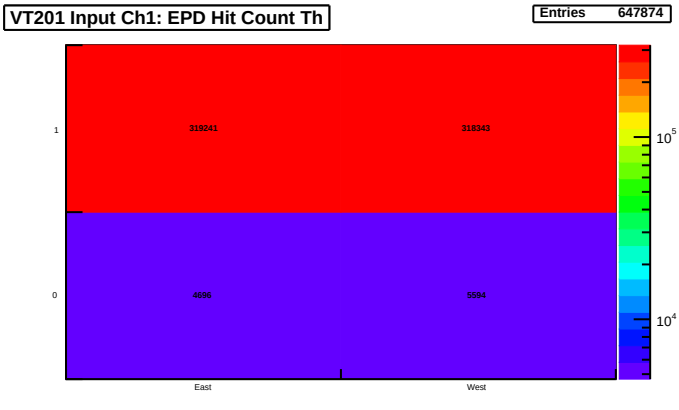

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

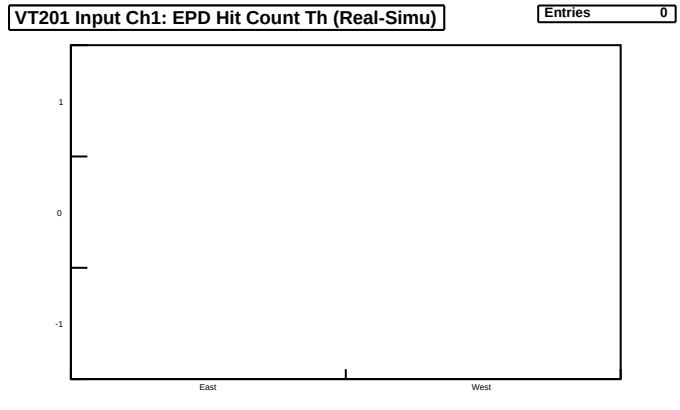

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 647874
243768
277460
80169
46477
East
West

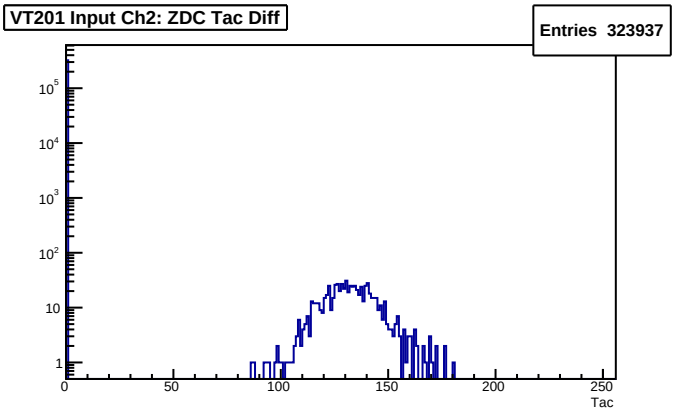

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

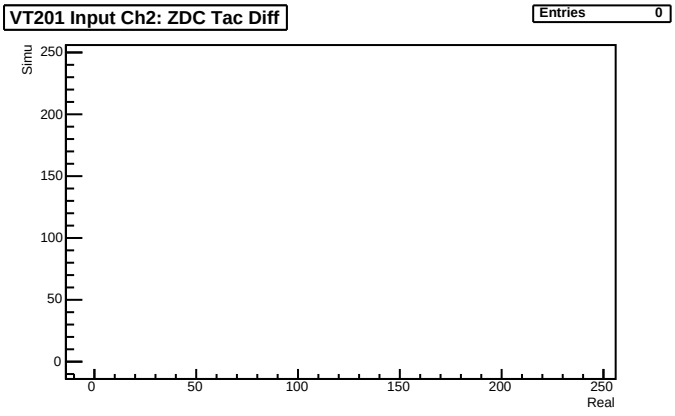

VT201 Input Ch1: EPD Tac Diff
Entries 323937
Tac

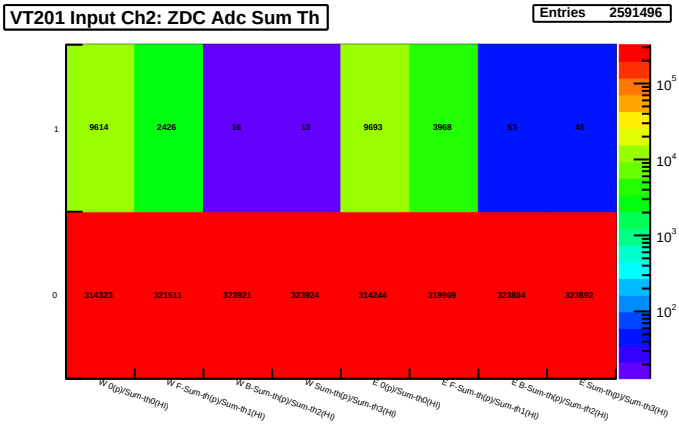

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

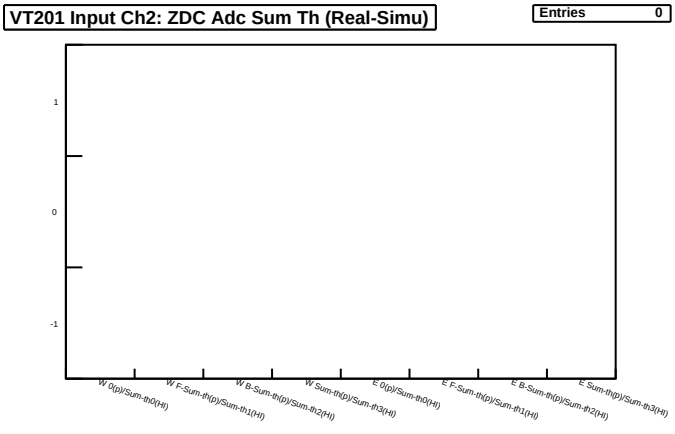

VT201 Input Ch1: EPD Hit Count Th
Entries 647874
319241
318343
4696
5594
East
West

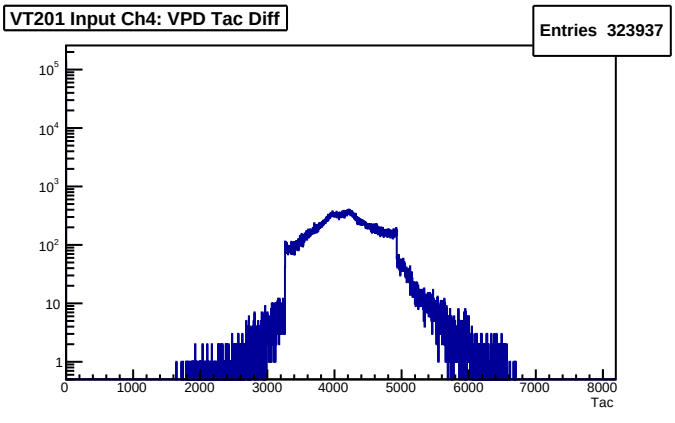

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

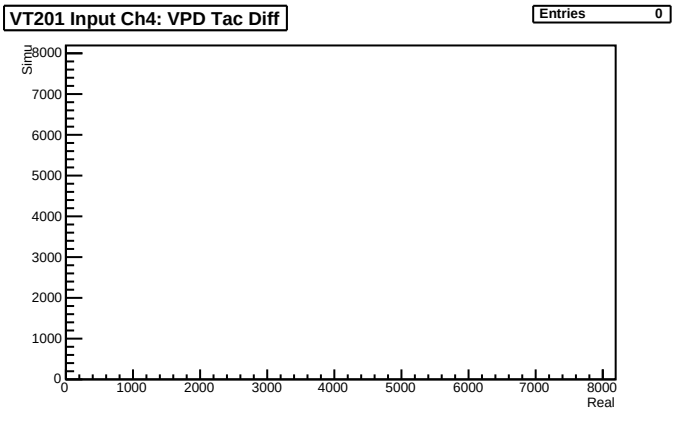

VT201 Input Ch2: ZDC Tac Diff
Entries 323937
Tac

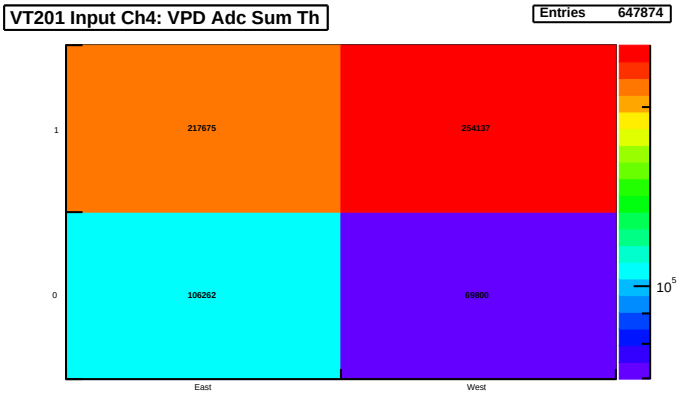

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

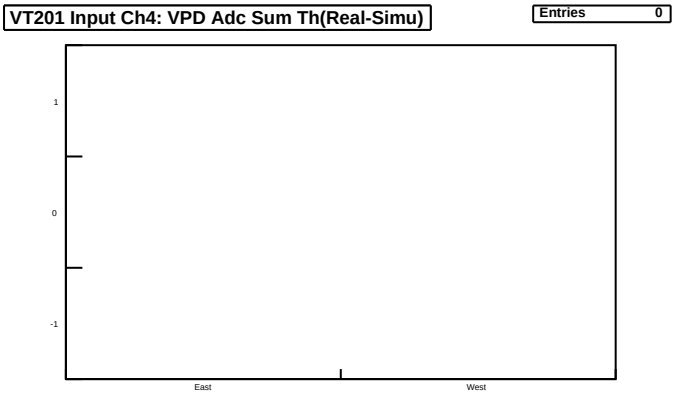

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2591496
9614
2426
16
13
9693
3968
53
45
314323
321511
323921
323924
314244
319969
323884
323892
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

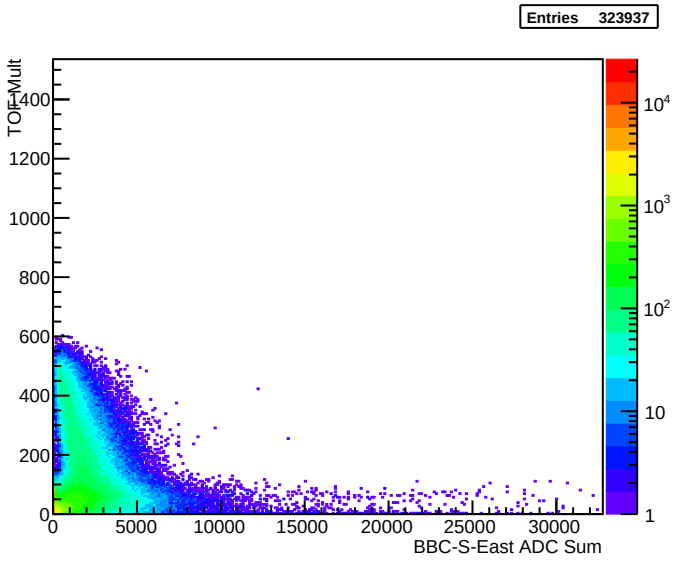

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

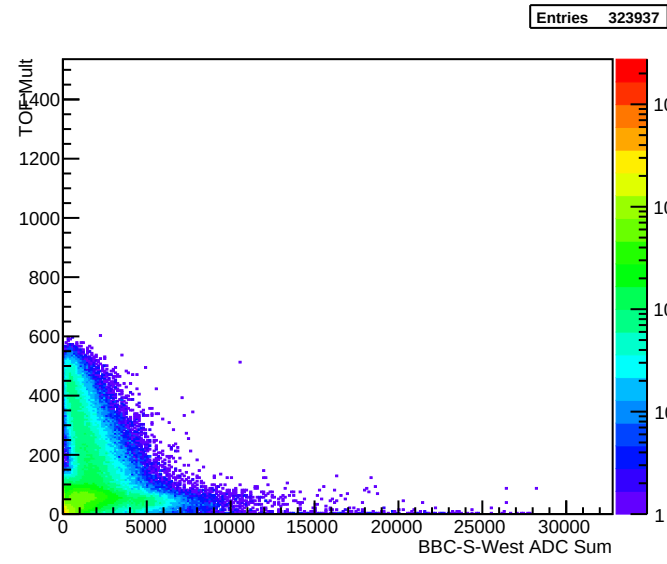

VT201 Input Ch4: VPD Tac Diff
Entries 323937
Tac

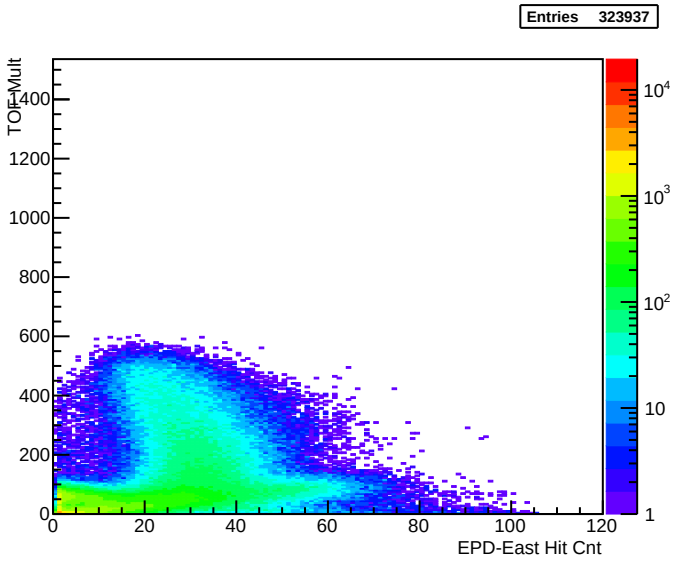

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

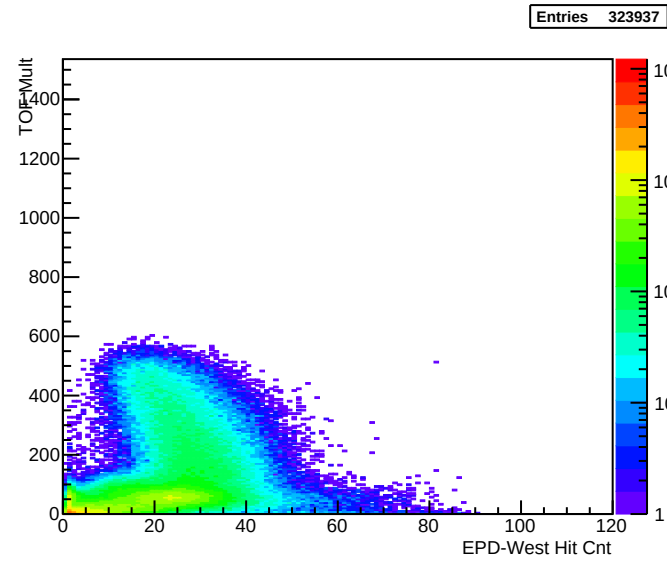

VT201 Input Ch4: VPD Adc Sum Th
Entries 647874
217675
254137
106262
69800
East
West

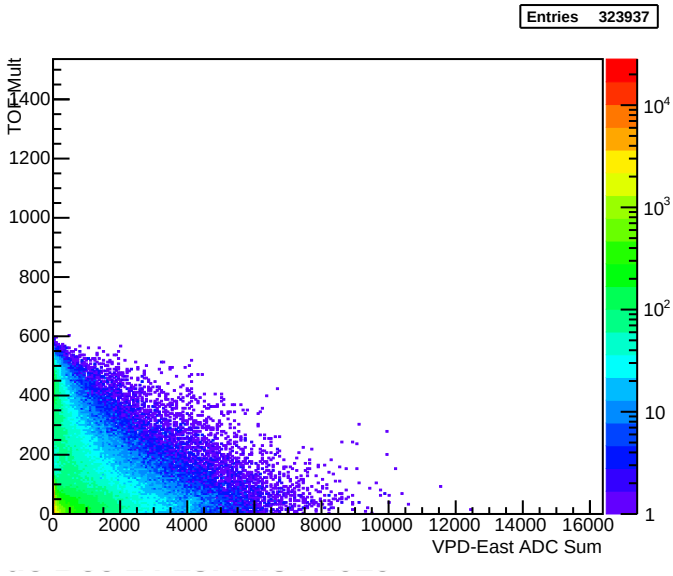

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

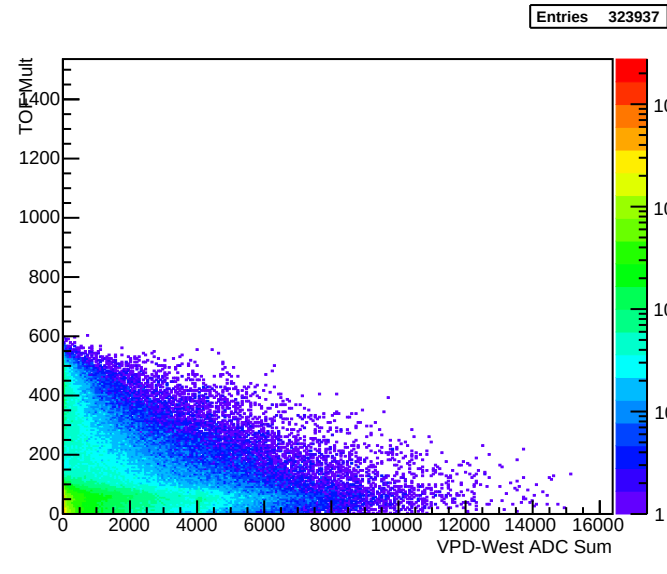

Entries 323937
TOF-Mult
BBC-S-East ADC Sum

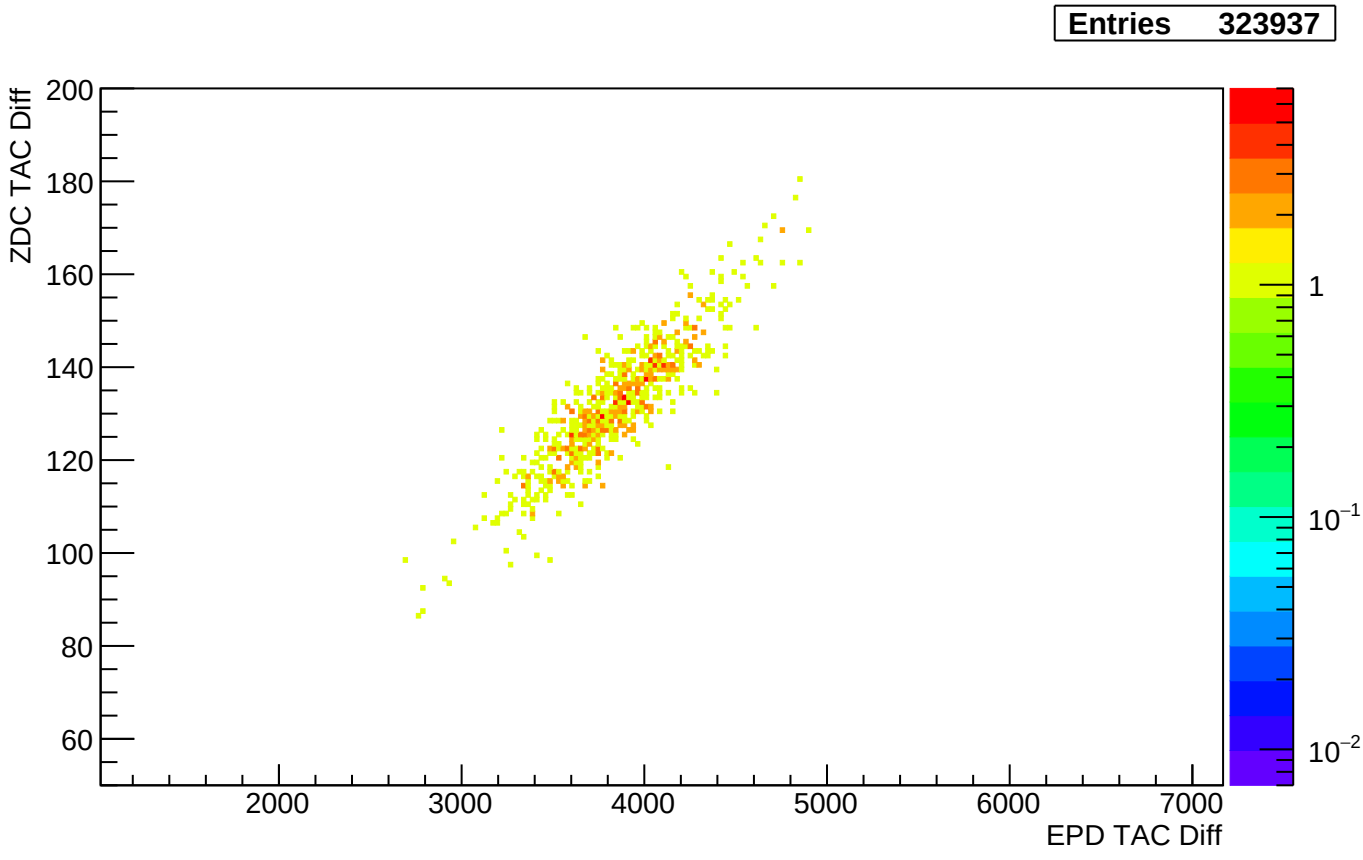

Entries 323937
TOF-Mult
BBC-S-West ADC Sum

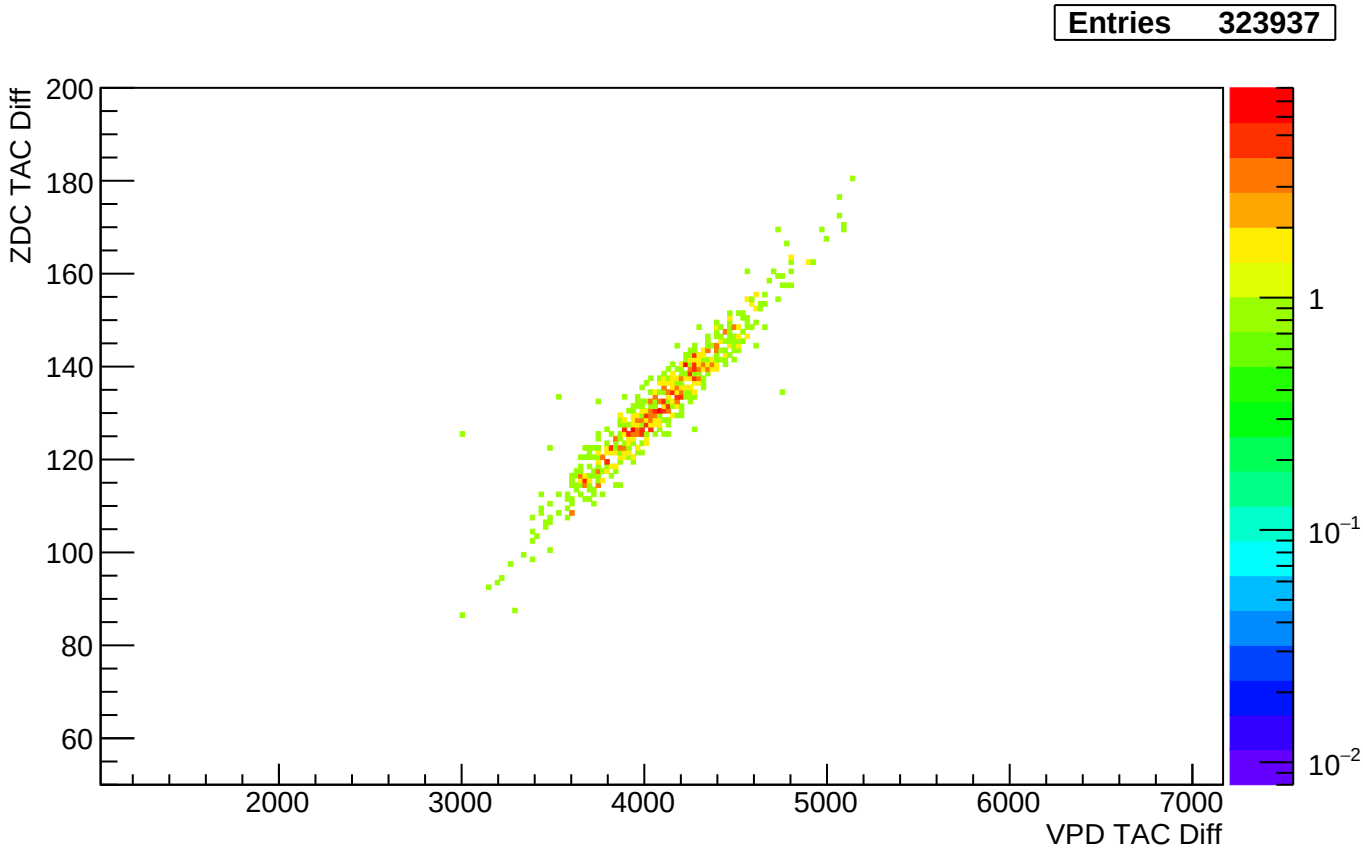

Entries 323937
TOF-Mult
EPD-East Hit Cnt

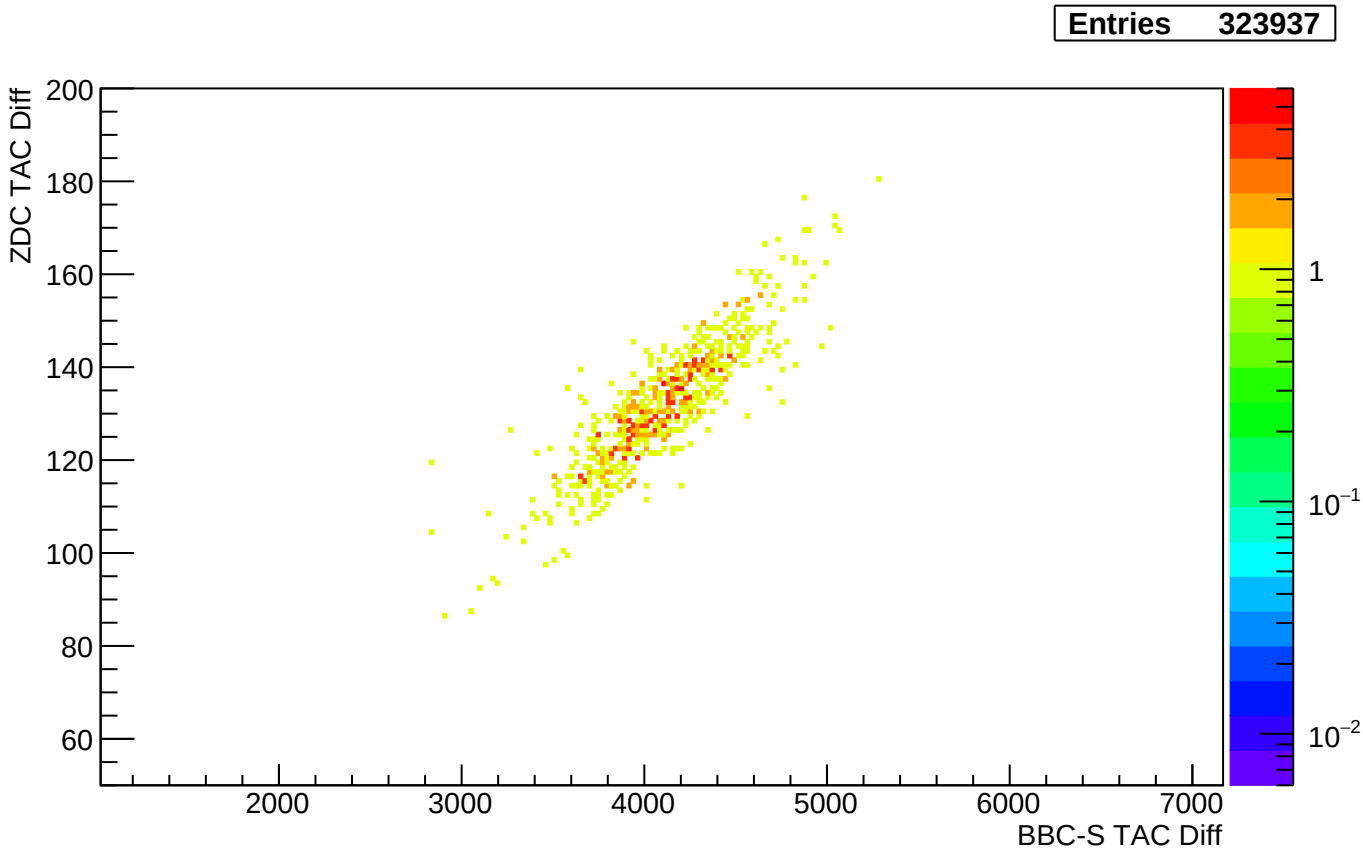

Entries 323937
TOF-Mult
EPD-West Hit Cnt

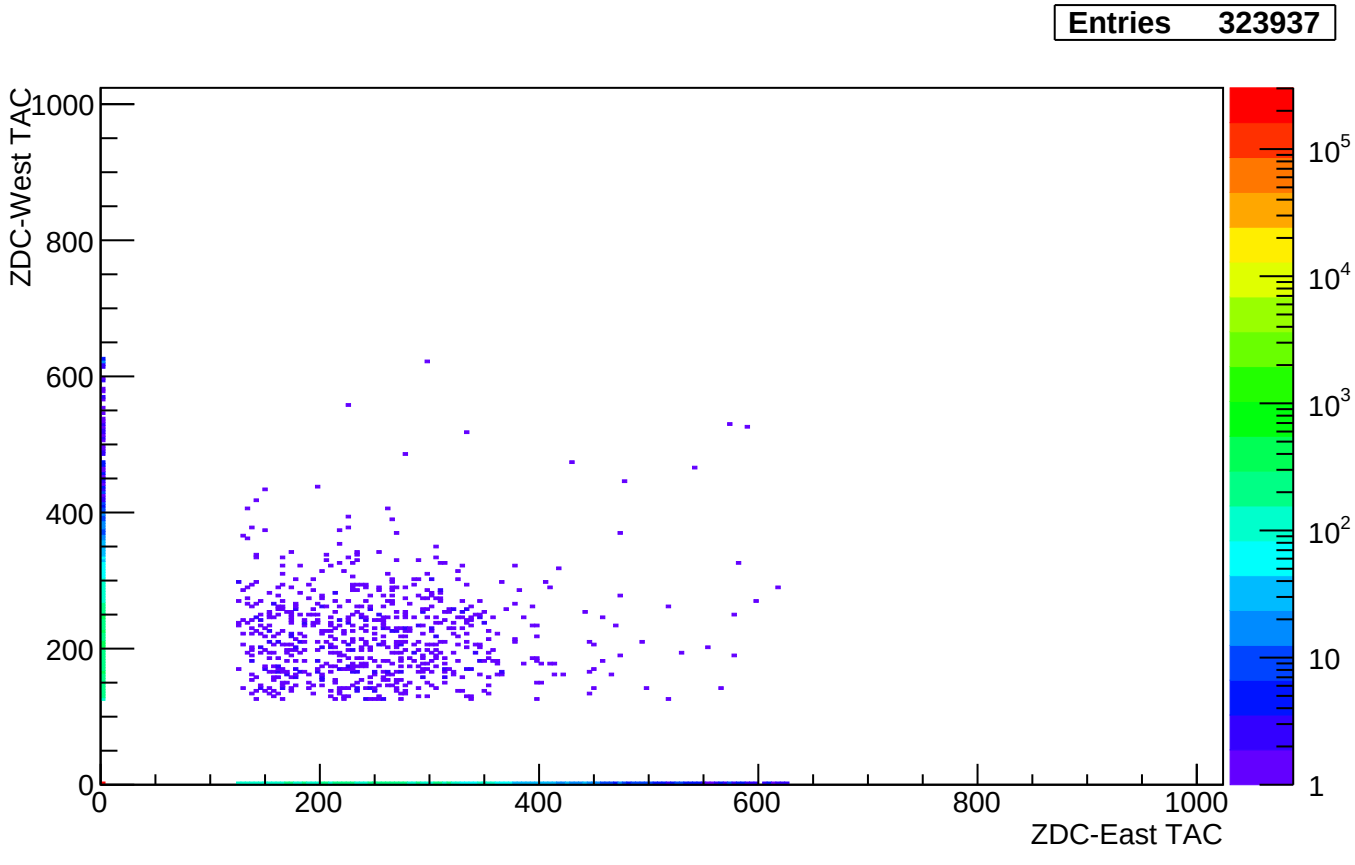

Entries 323937
TOF-Mult
VPD-East ADC Sum

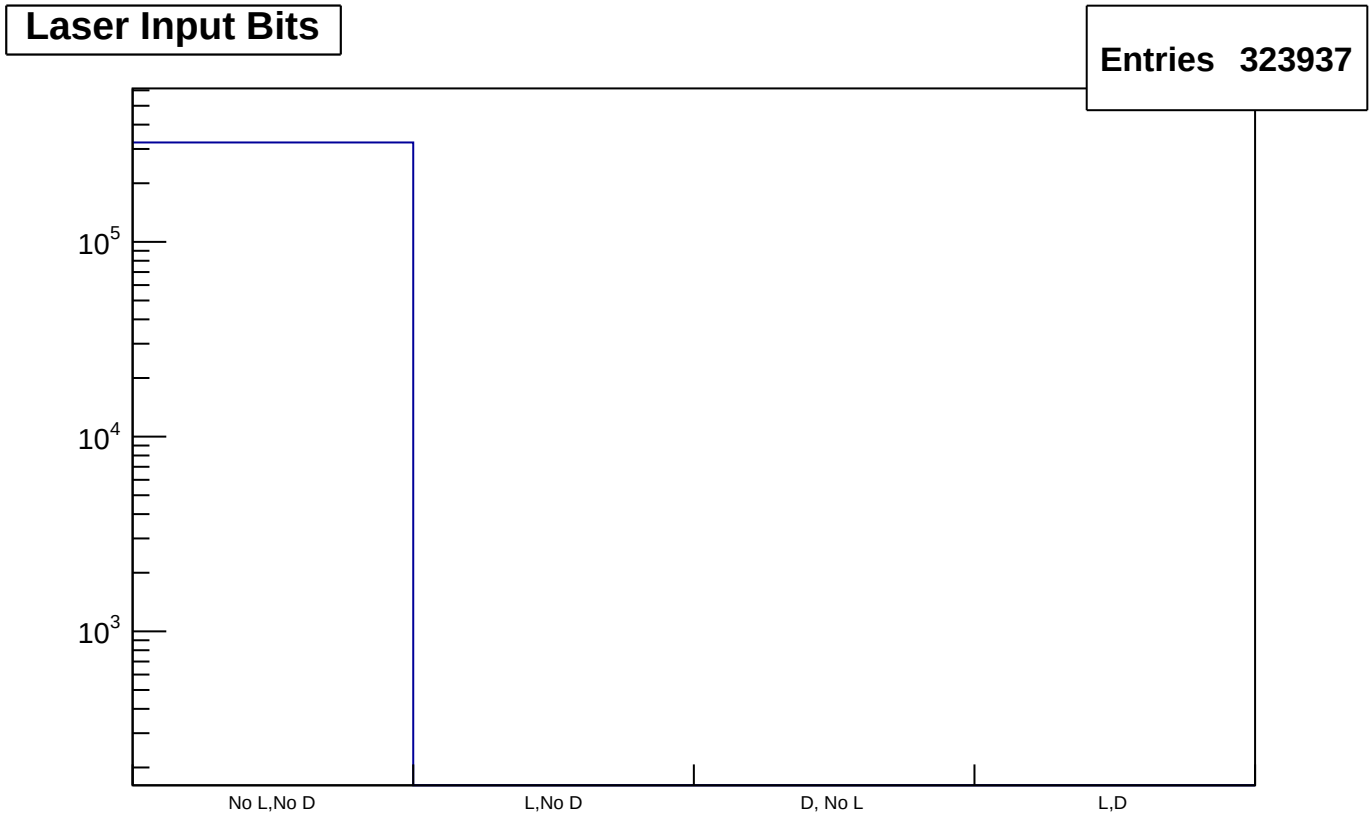

Entries 323937
TOF-Mult
VPD-West ADC Sum

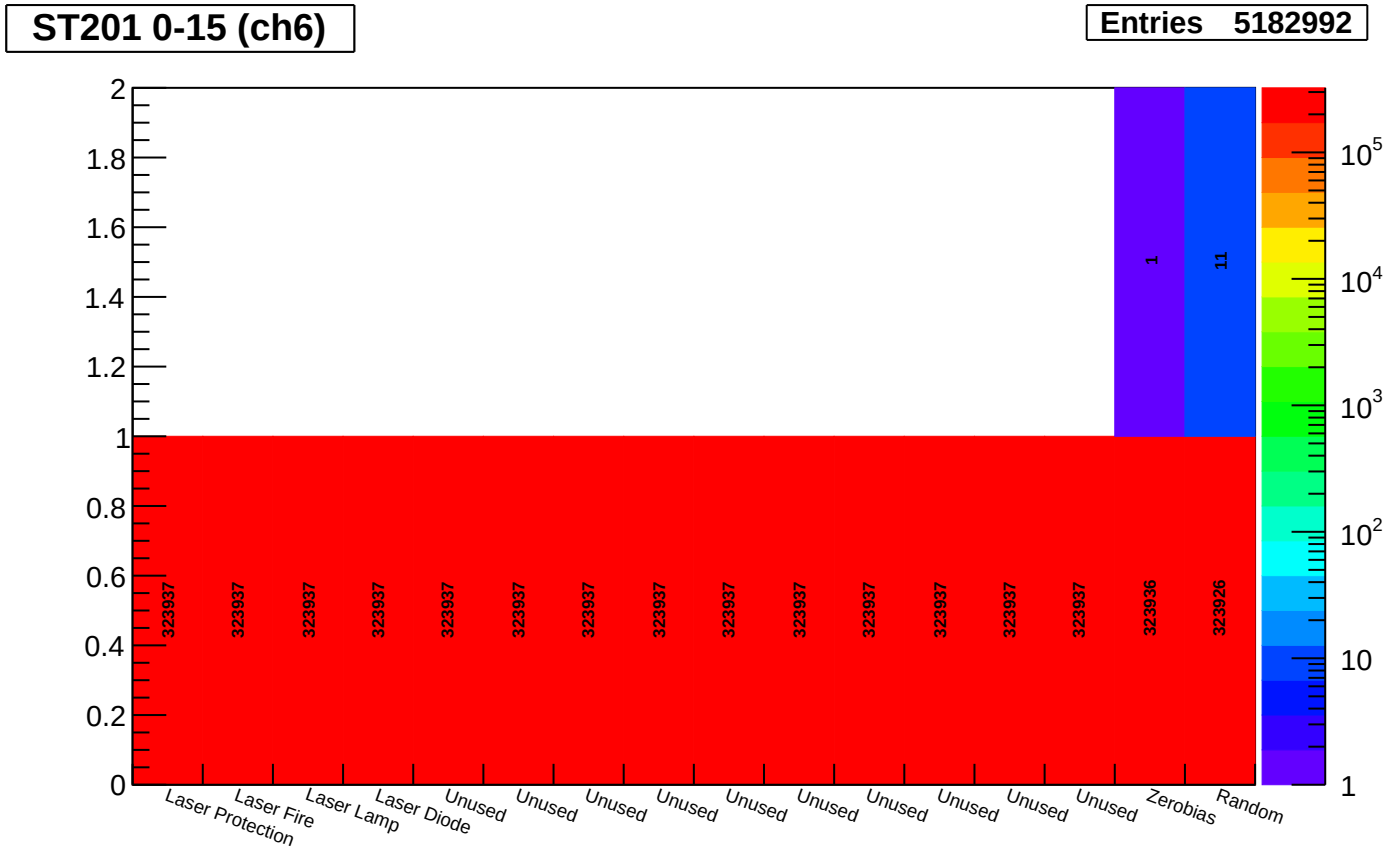

Entries 323937
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

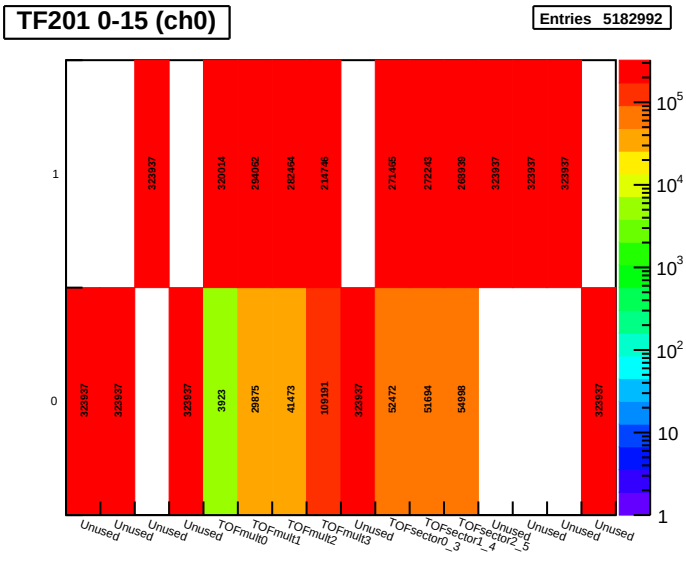

Entries 323937
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

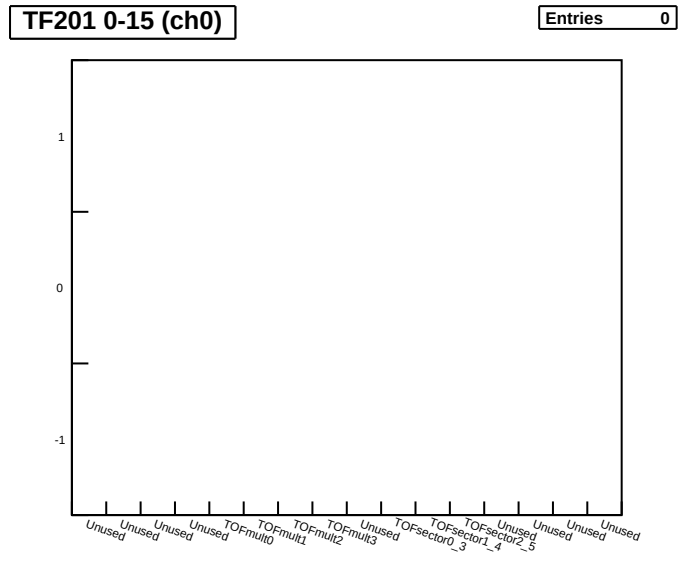

Entries 323937
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

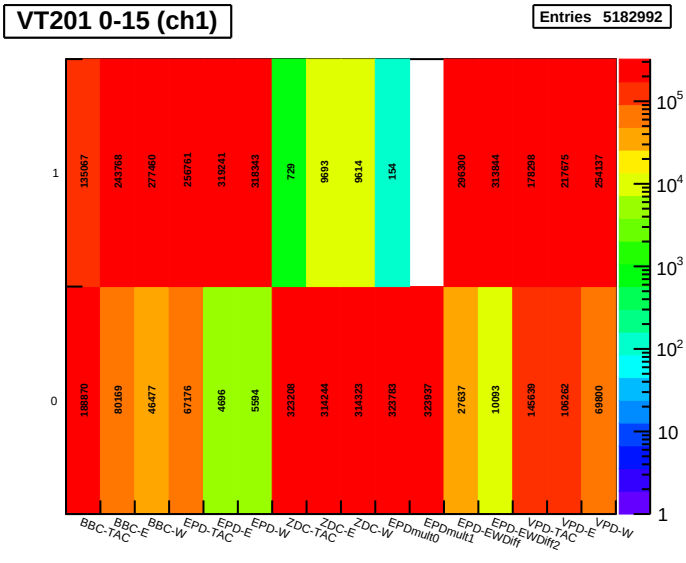

Entries 323937
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

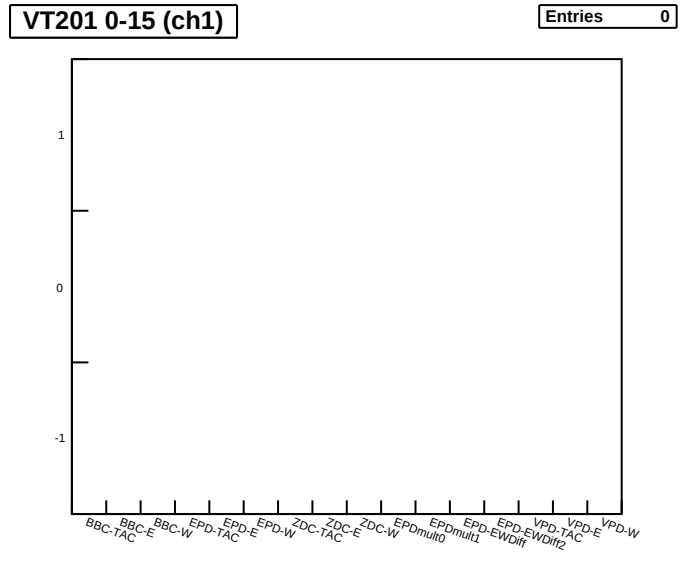

Laser Input Bits
Entries 323937
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

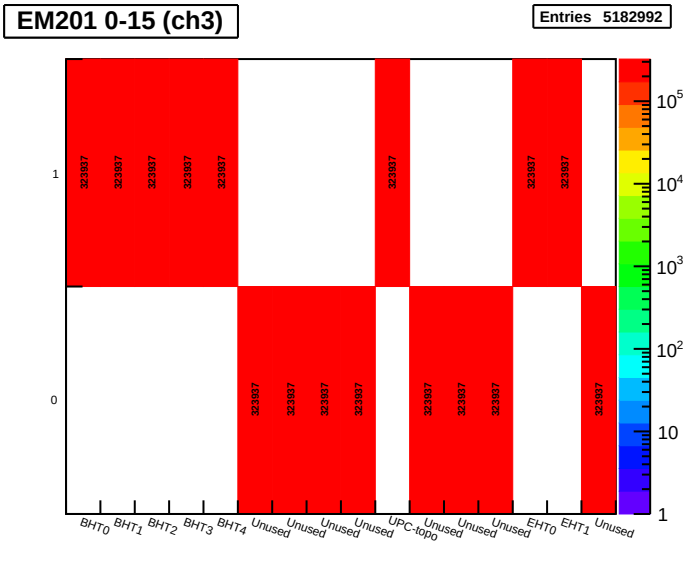

ST201 0-15 (ch6)
Entries 5182992
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
323937
323937
323937
323937
323937
323937
323937
323937
323937
323937
323937
323937
323937
323936
323926
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

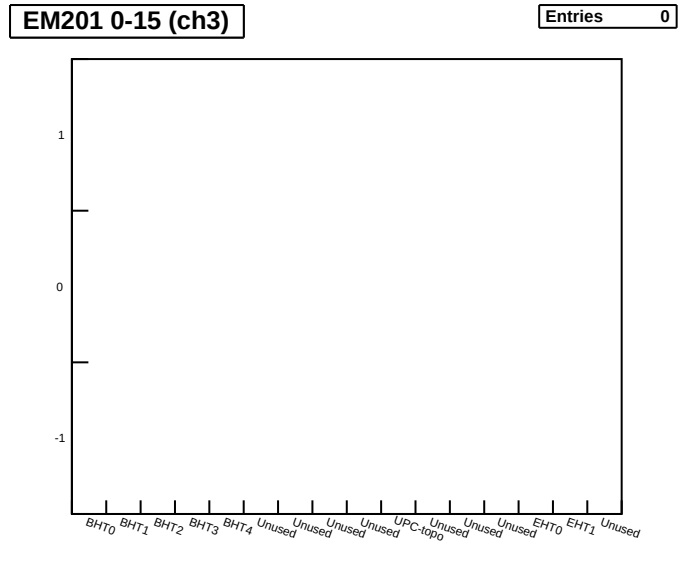

TF201 0-15 (ch0)
Entries 5182992
1
0
323937
320014
294062
282464
214746
271465
272243
269939
323937
323937
323937
323937
323937
323937
3923
29875
41473
109191
323937
52472
51694
54998
323937
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5182992
1
0
135067
243768
277460
256761
319241
318343
729
9693
9614
154
296300
313844
178298
217675
254137
188870
80169
46477
67176
4696
5594
322208
314244
314323
323783
323937
27637
10093
145639
106262
69800
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 5182992
1
0
323937
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