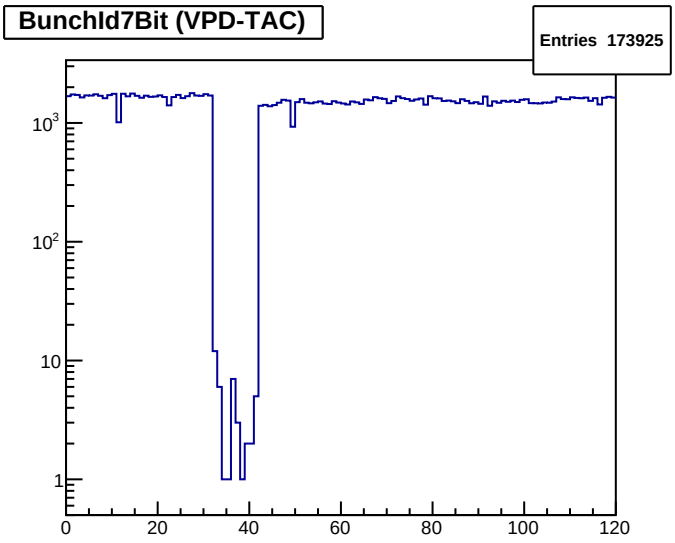
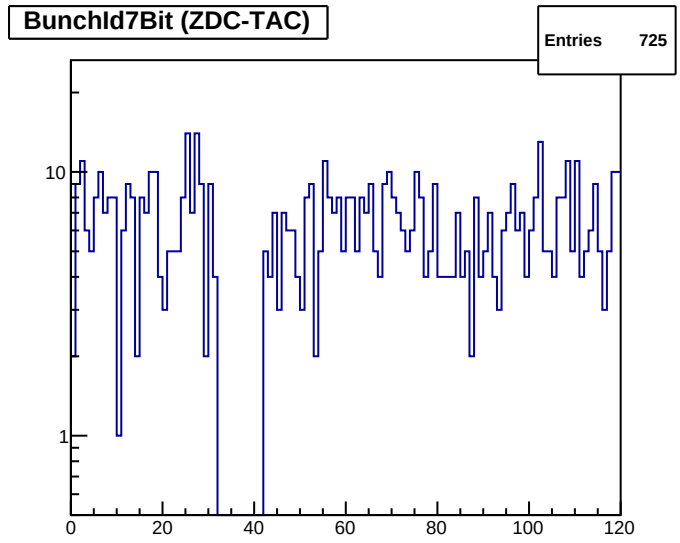
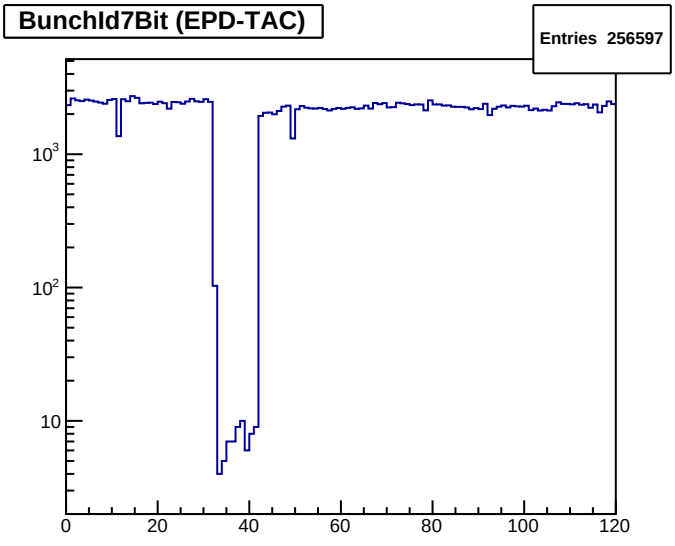
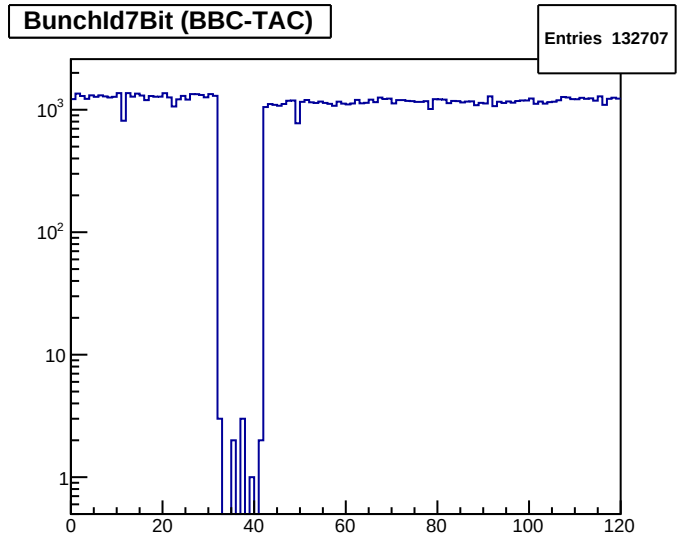
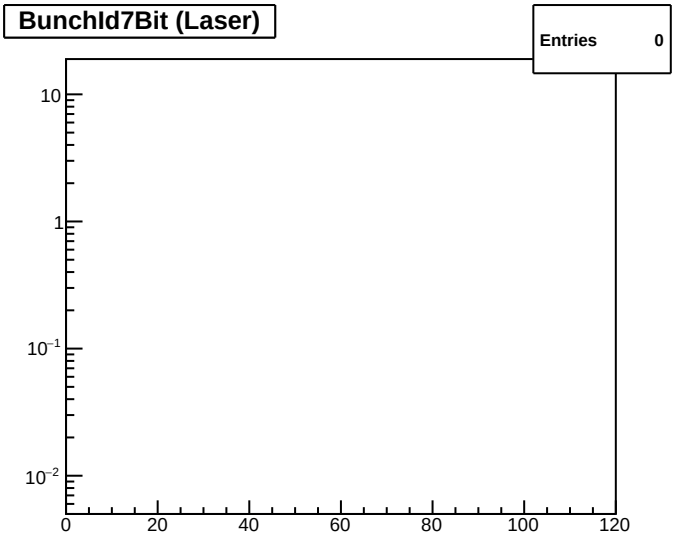
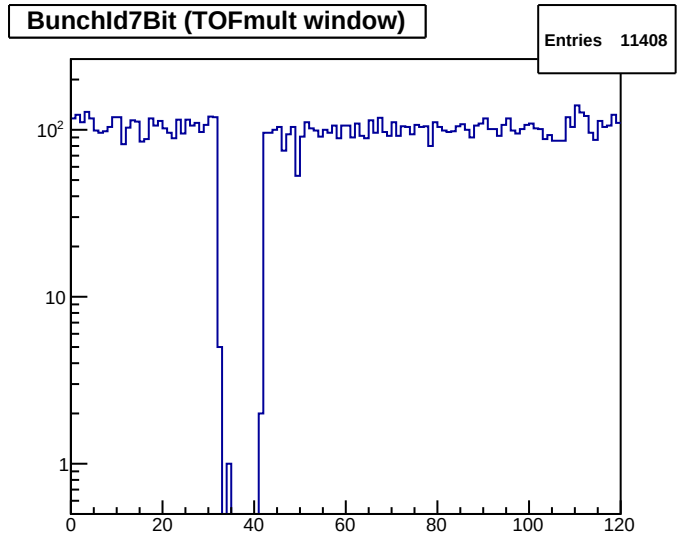

BunchId7Bit (VPD-TAC)
Entries 173925

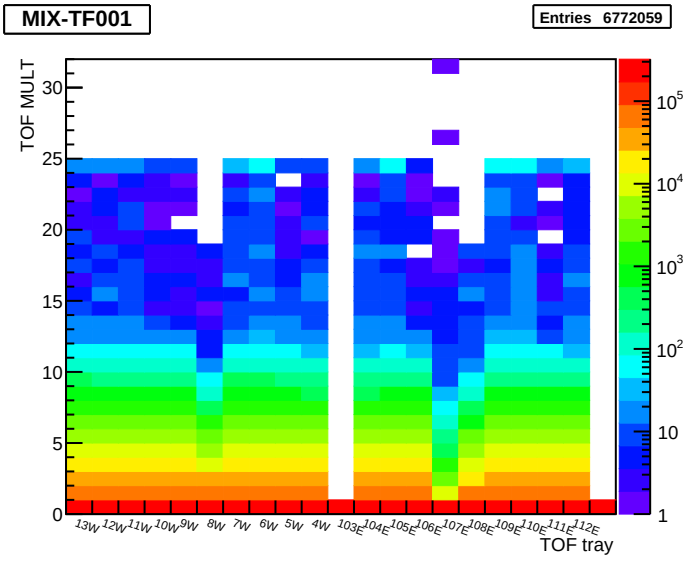

BunchId7Bit (ZDC-TAC)
Entries 725

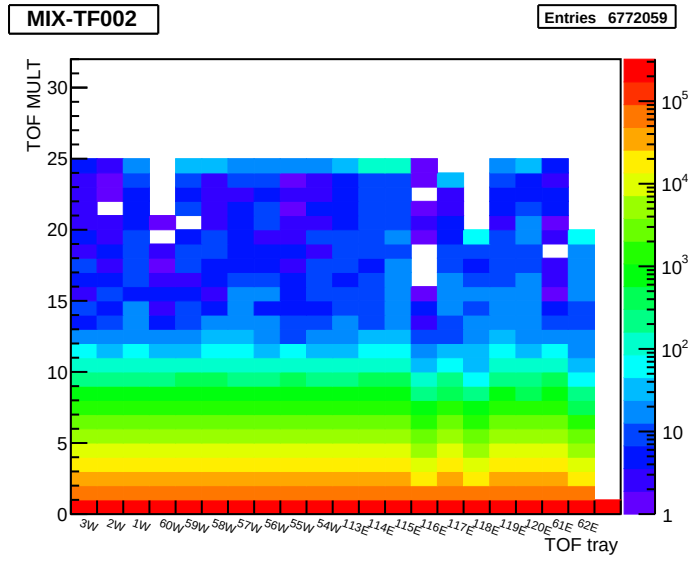

BunchId7Bit (EPD-TAC)
Entries 256597

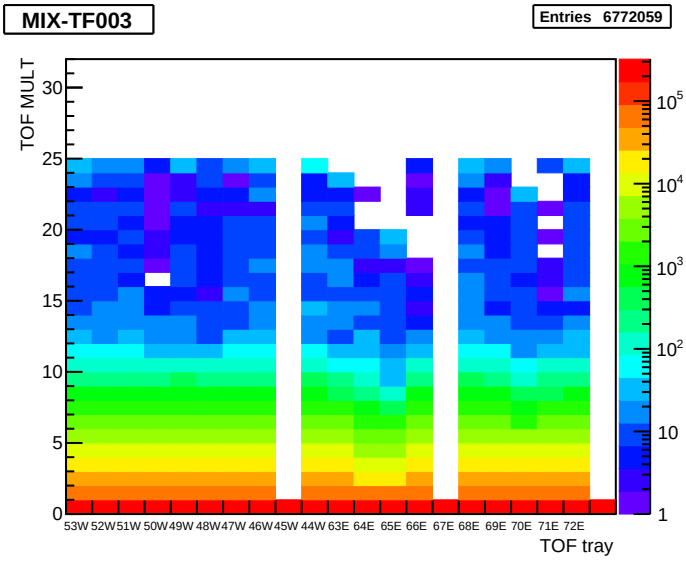

BunchId7Bit (BBC-TAC)
Entries 132707

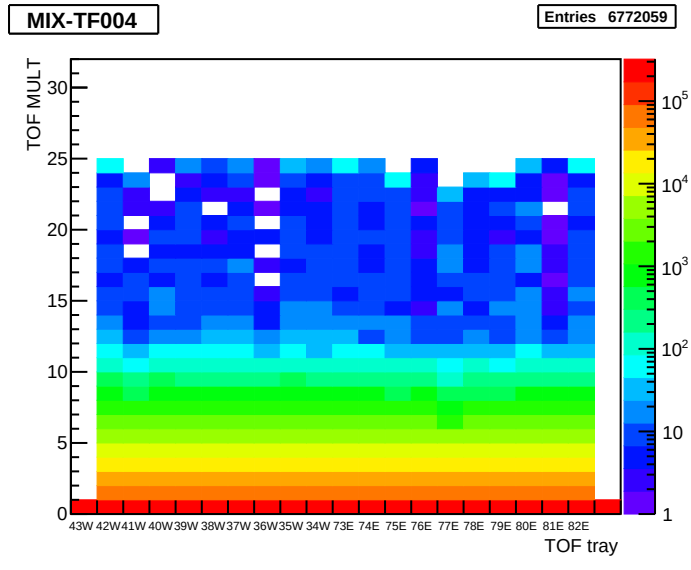

BunchId7Bit (Laser)
Entries 0

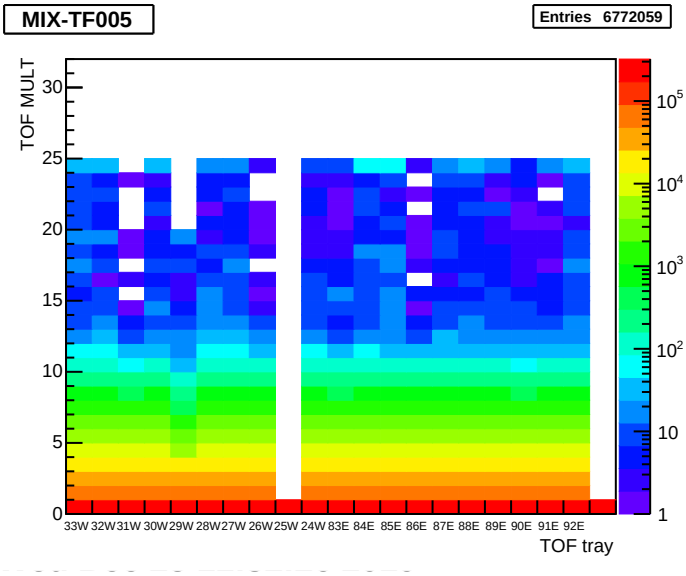

BunchId7Bit (TOFmult window)
Entries 11408

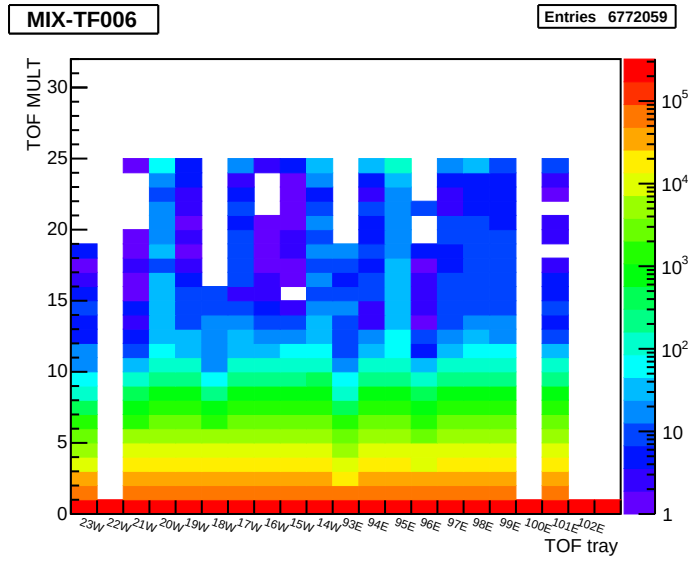

MIX-TF001
Entries 6772059
TOF MULT
TOF tray

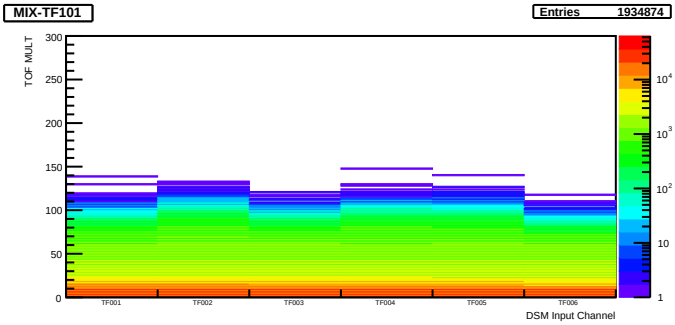

MIX-TF002
Entries 6772059
TOF MULT
TOF tray

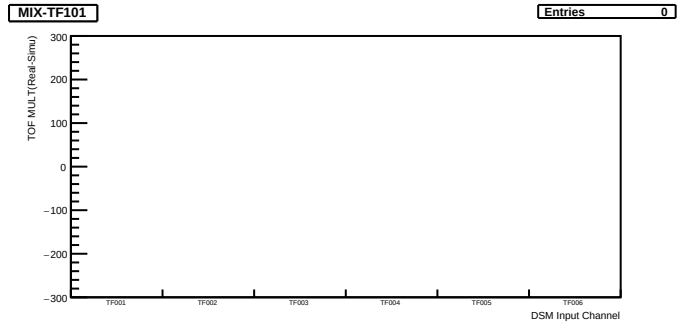

MIX-TF003
Entries 6772059
TOF MULT
TOF tray

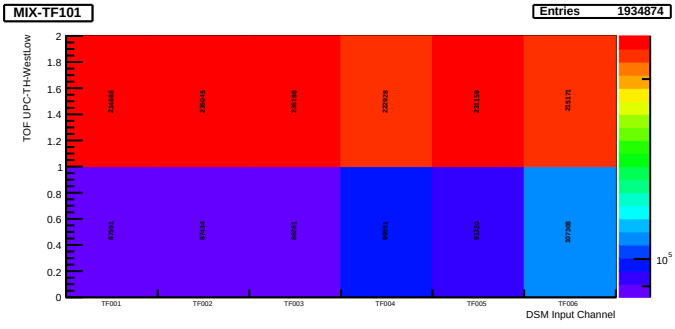

MIX-TF004
Entries 6772059
TOF MULT
TOF tray

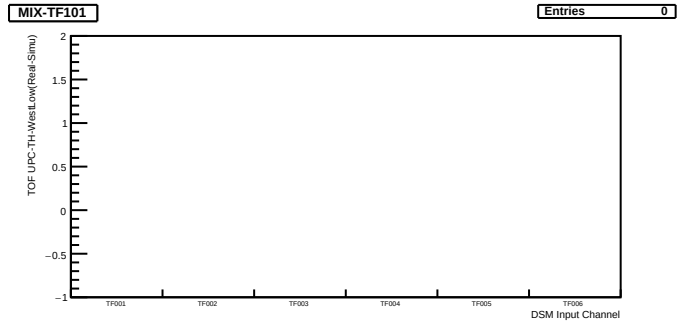

MIX-TF005
Entries 6772059
TOF MULT
TOF tray

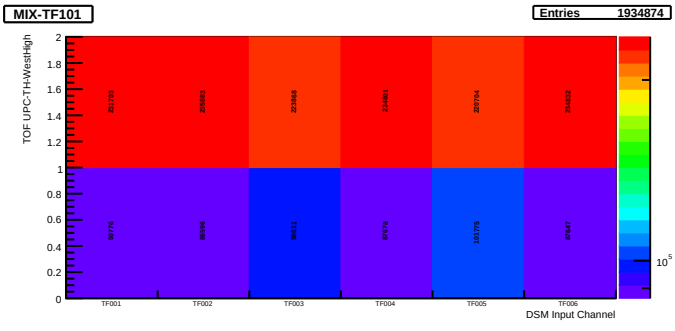

MIX-TF006
Entries 6772059
TOF MULT
TOF tray

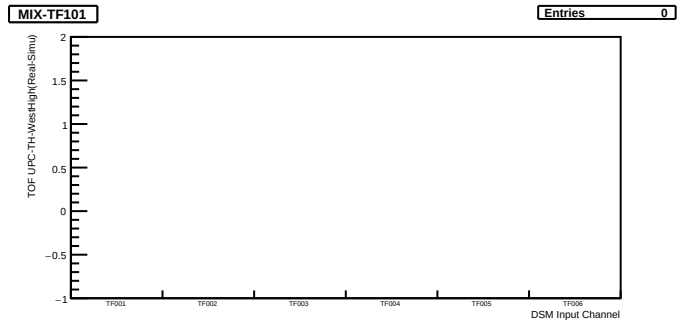

MIX-TF101
Entries 1934874
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

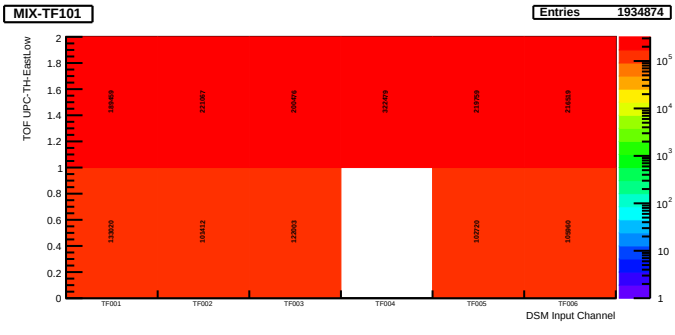

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

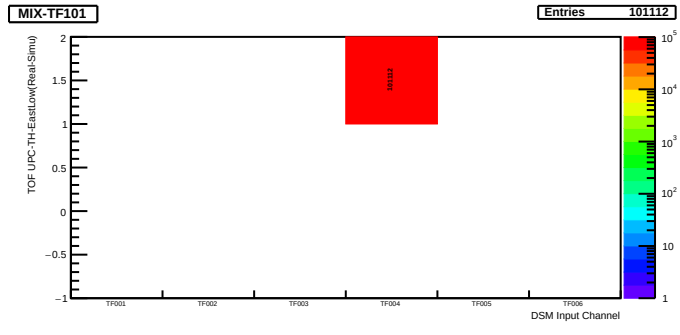

MIX-TF101
Entries 1934874
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

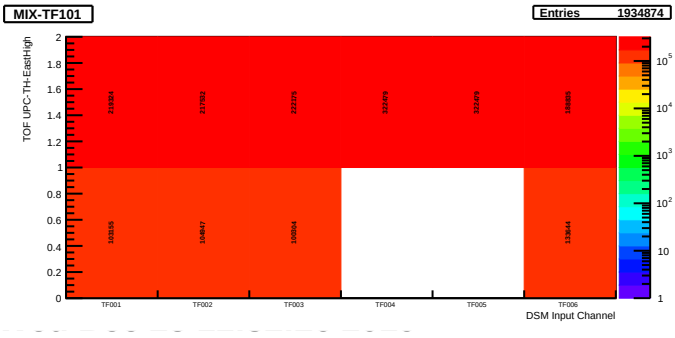

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

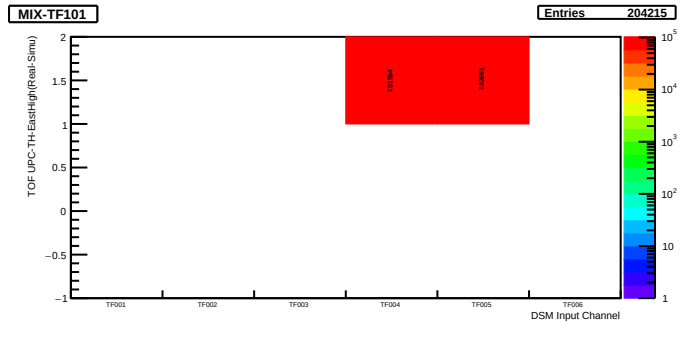

MIX-TF101
Entries 1934874
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

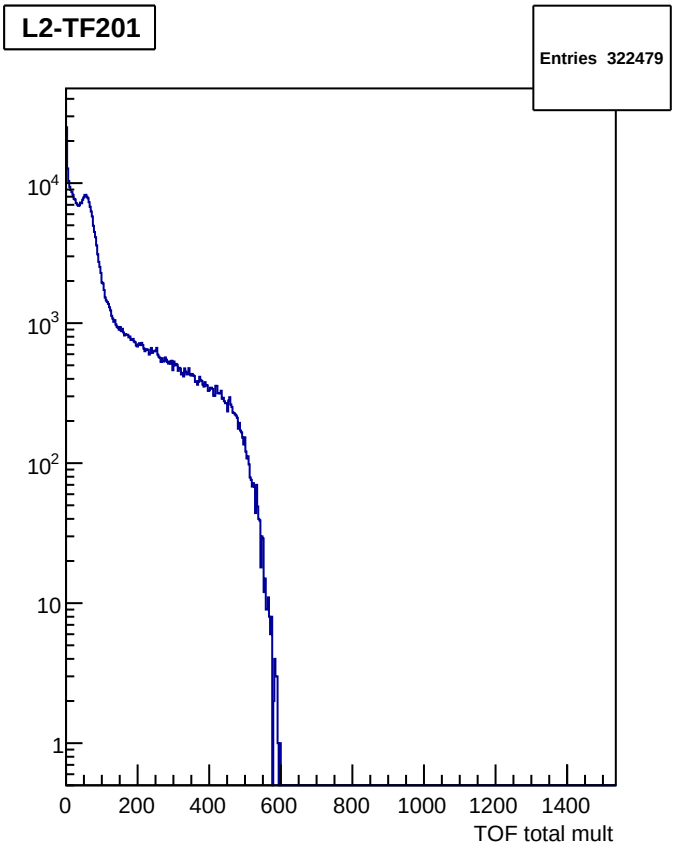

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

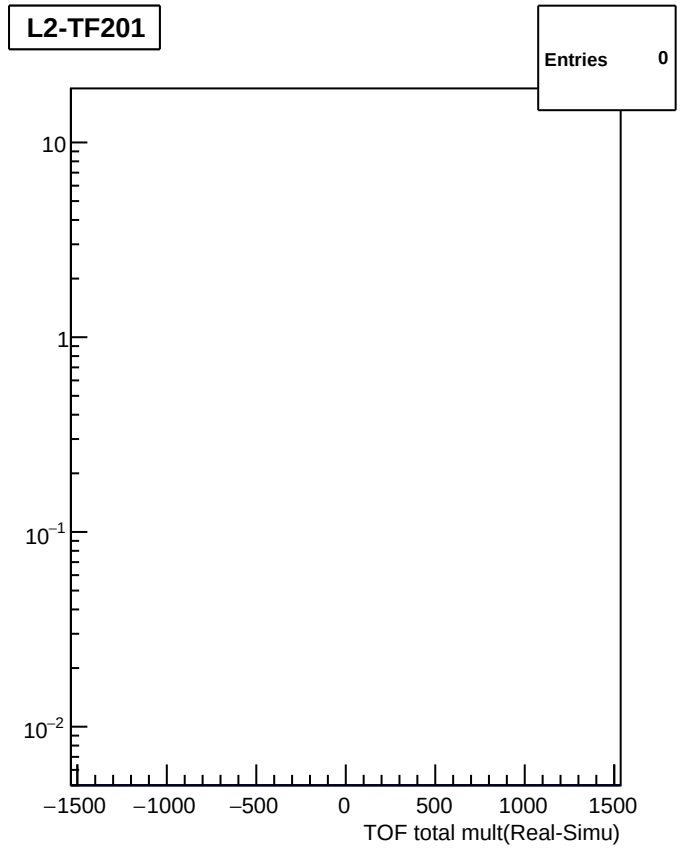

MIX-TF101
Entries 1934874
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

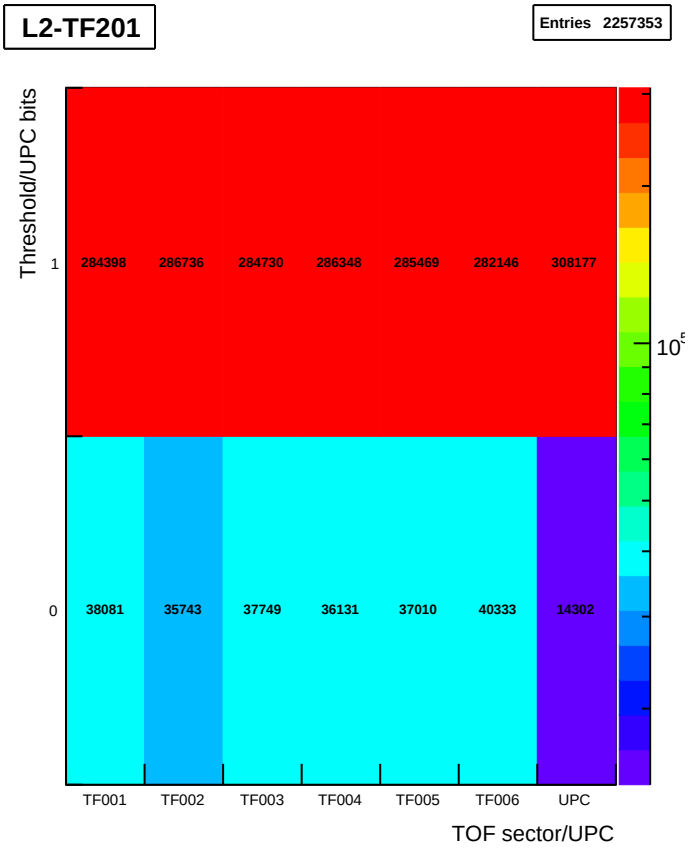

MIX-TF101
Entries 101112
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

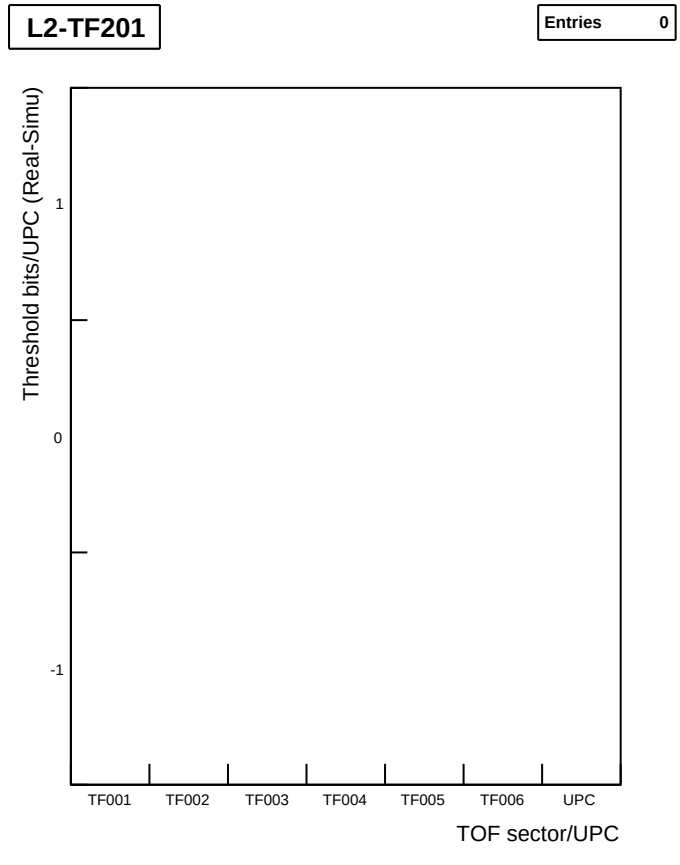

MIX-TF101
Entries 1934874
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

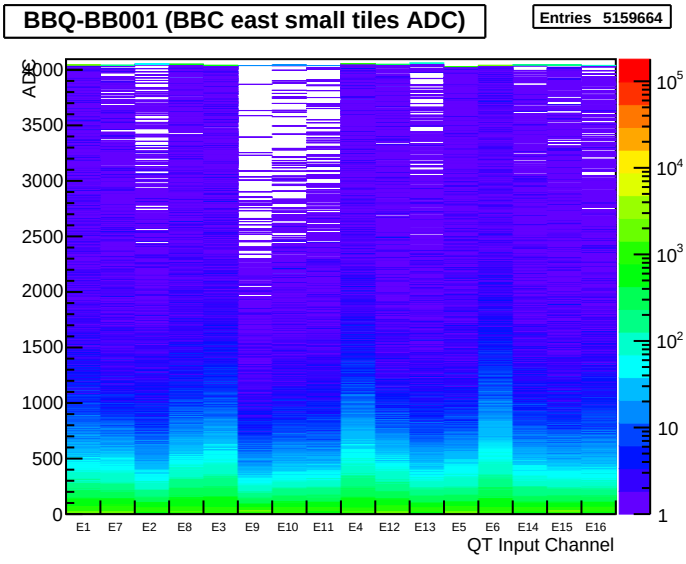

MIX-TF101
Entries 204215
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

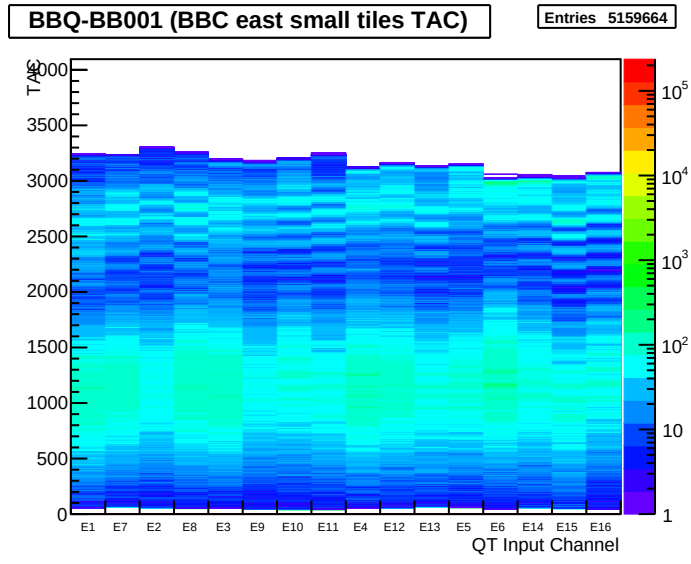

L2-TF201
Entries 322479
TOF total mult

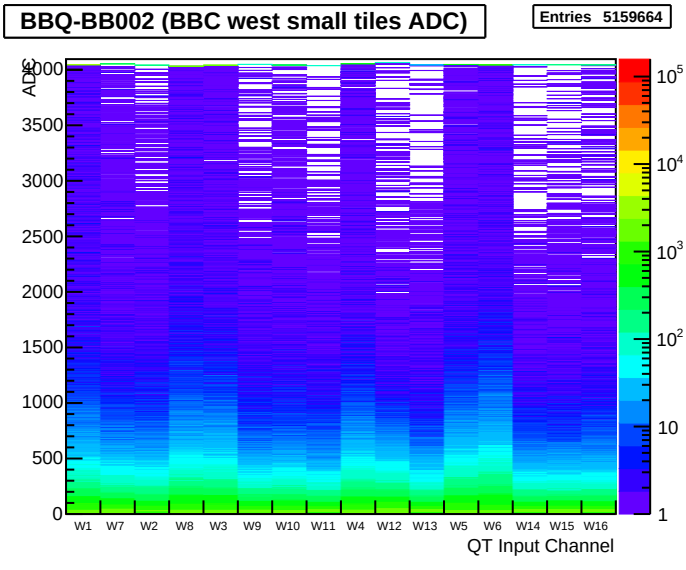

L2-TF201
Entries 0
TOF total mult(Real-Simu)

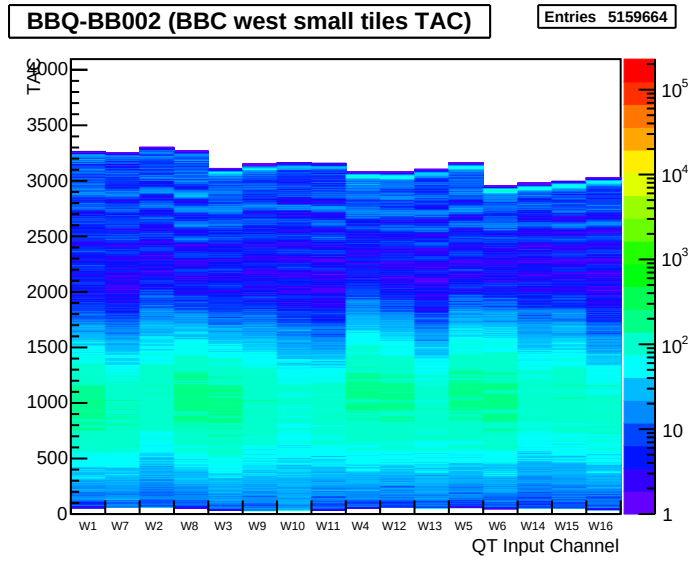

L2-TF201
Entries 2257353
Threshold/UPC bits
284398
286736
284730
286348
285469
282146
308177
38081
35743
37749
36131
37010
40333
14302
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

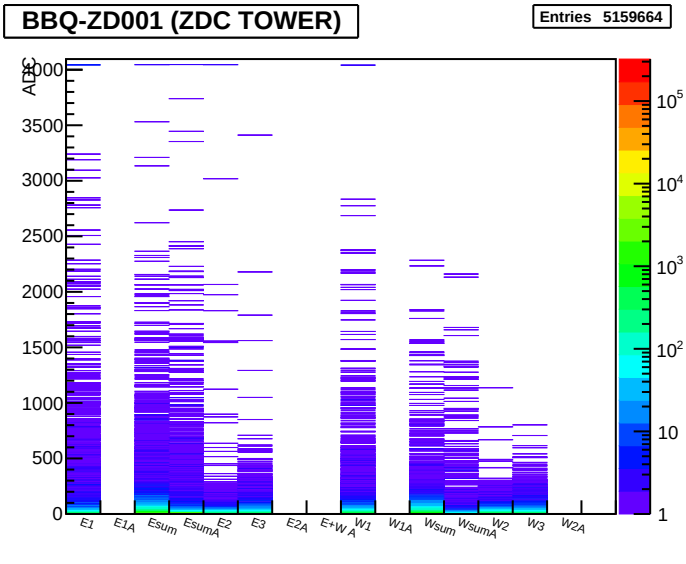

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

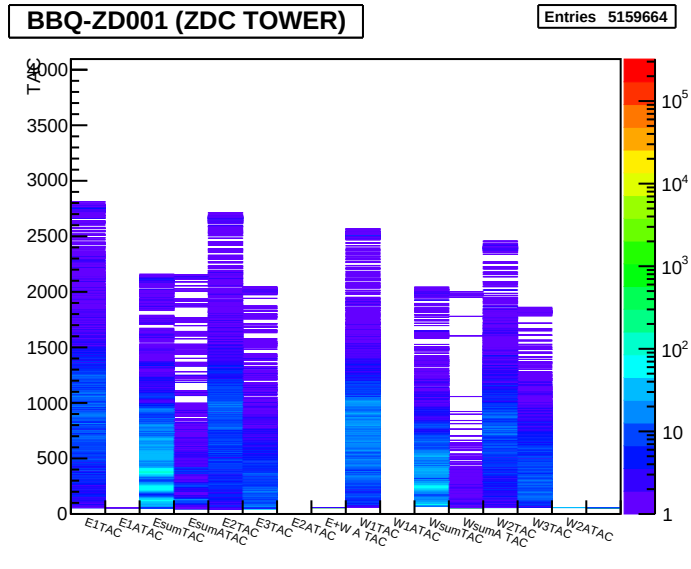

BBQ-BB001 (BBC east small tiles ADC)
Entries 5159664
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

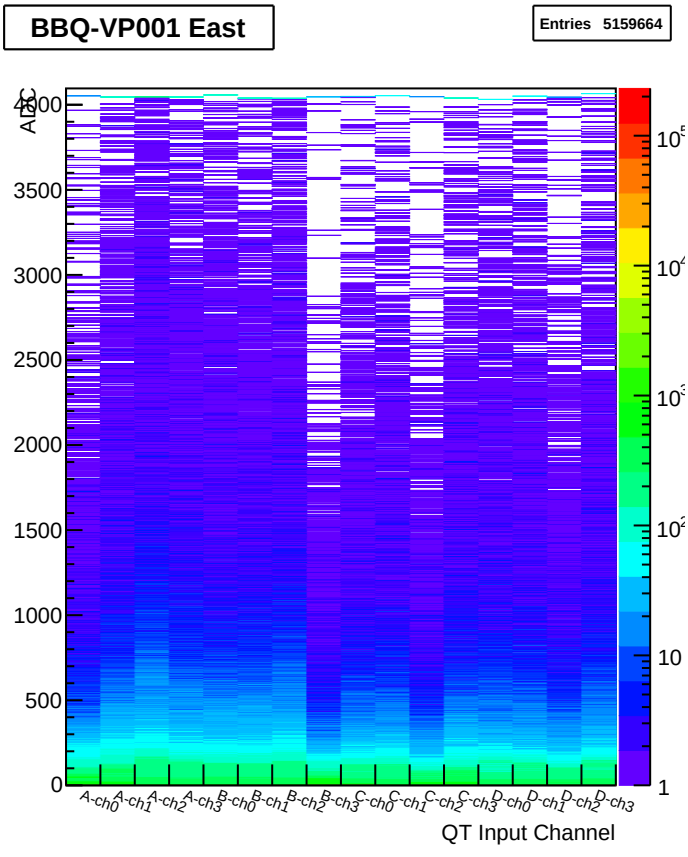

BBQ-BB001 (BBC east small tiles TAC)
Entries 5159664
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

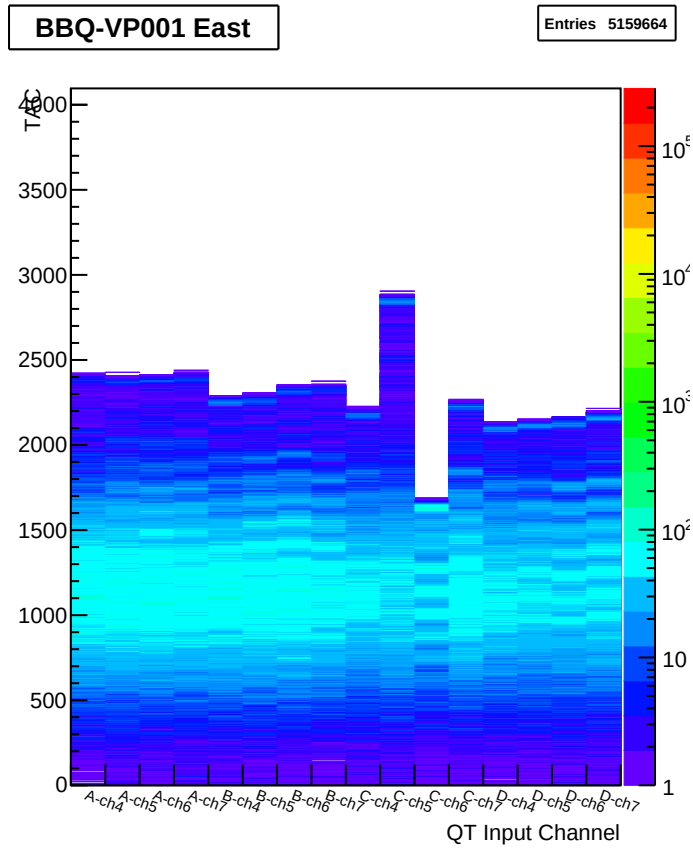

BBQ-BB002 (BBC west small tiles ADC)
Entries 5159664
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

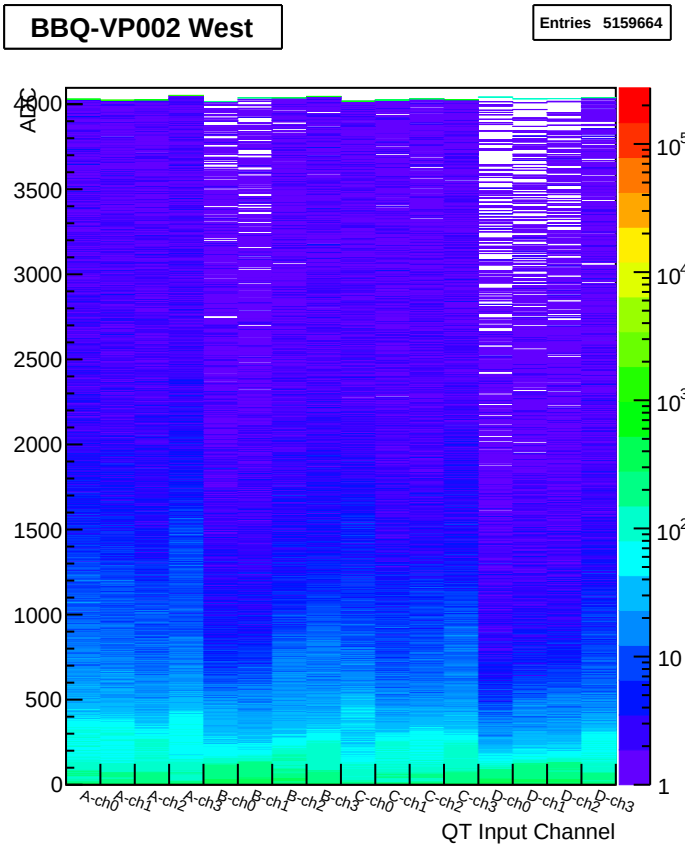

BBQ-BB002 (BBC west small tiles TAC)
Entries 5159664
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

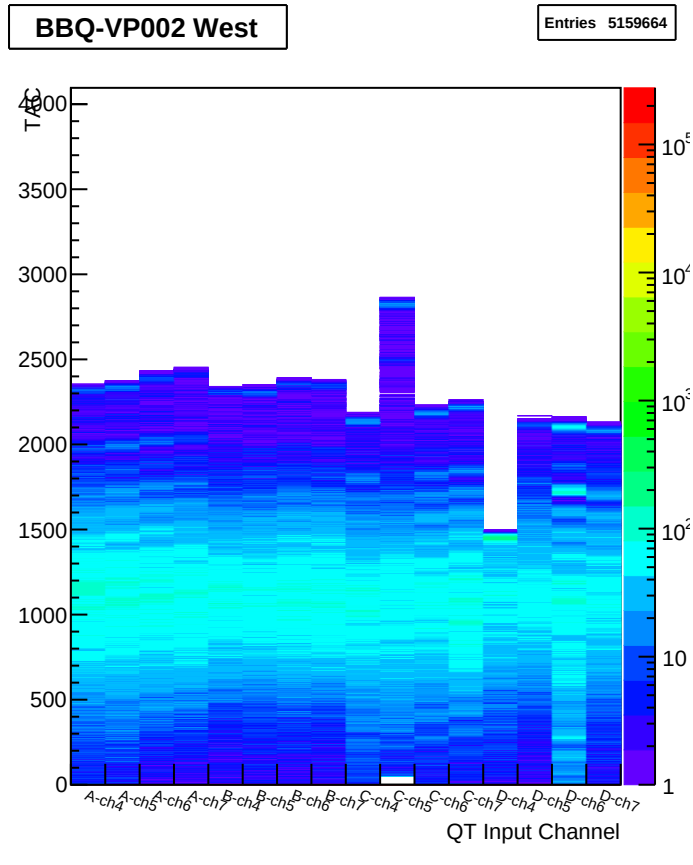

BBQ-ZD001 (ZDC TOWER)
Entries 5159664
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

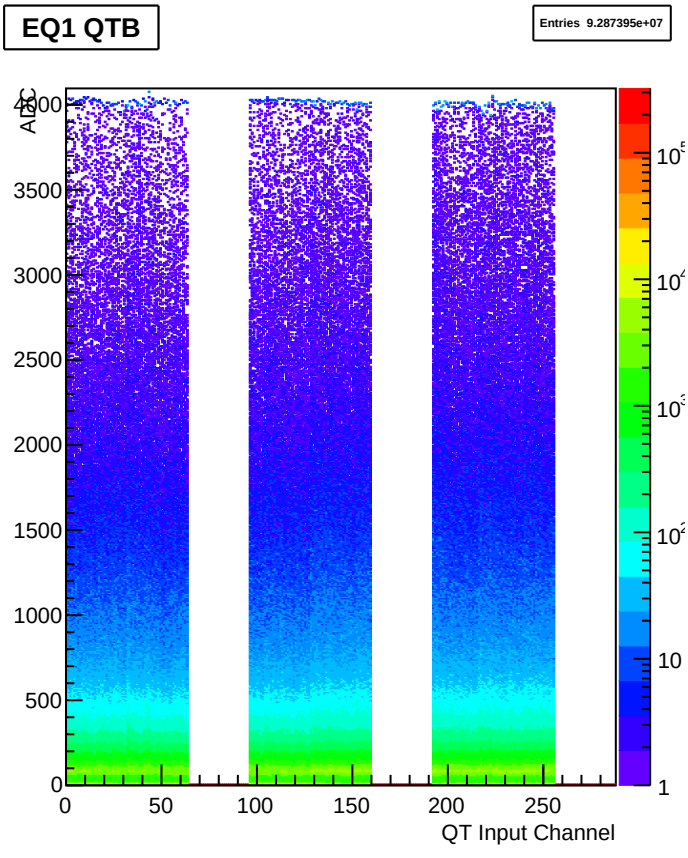

BBQ-ZD001 (ZDC TOWER)
Entries 5159664
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

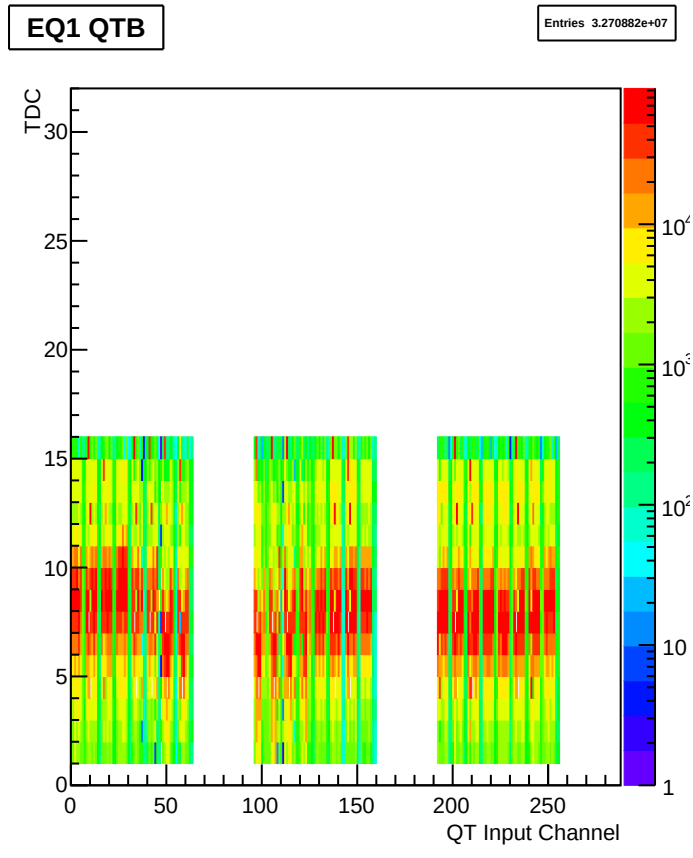

BBQ-VP001 East
Entries 5159664
ADC
QT Input Channel

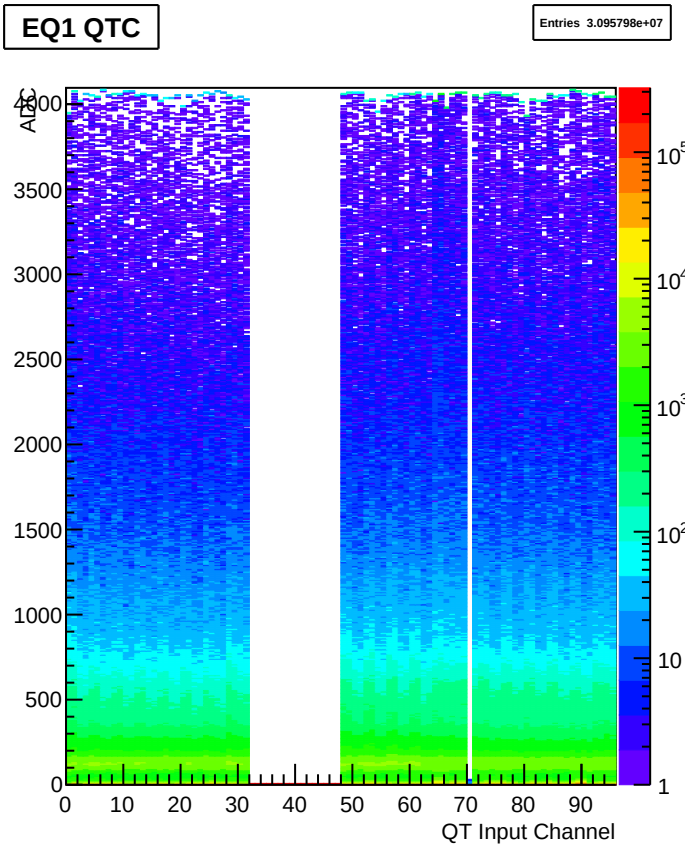

BBQ-VP001 East
Entries 5159664
TADC
QT Input Channel

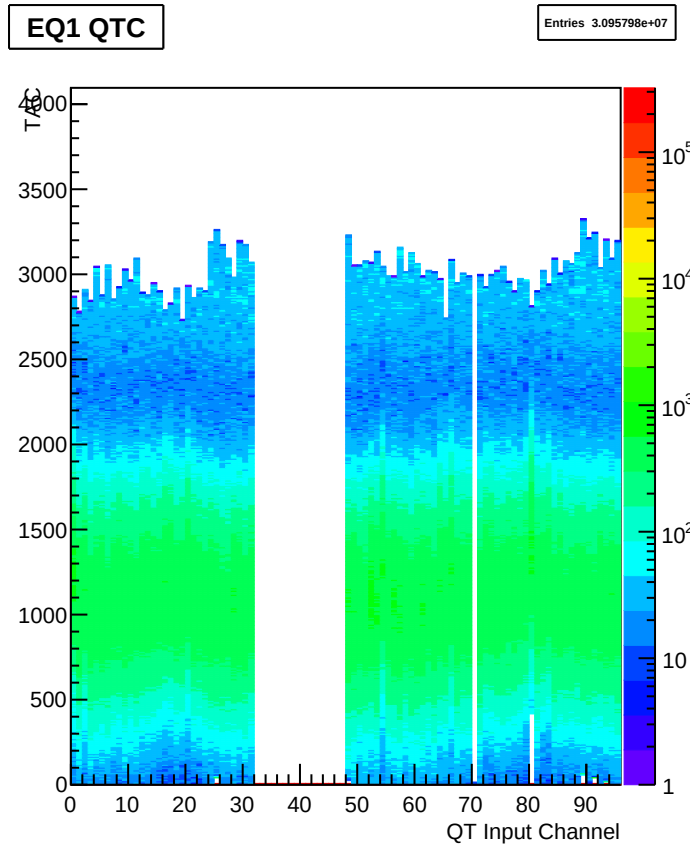

BBQ-VP002 West
Entries 5159664
ADC
QT Input Channel

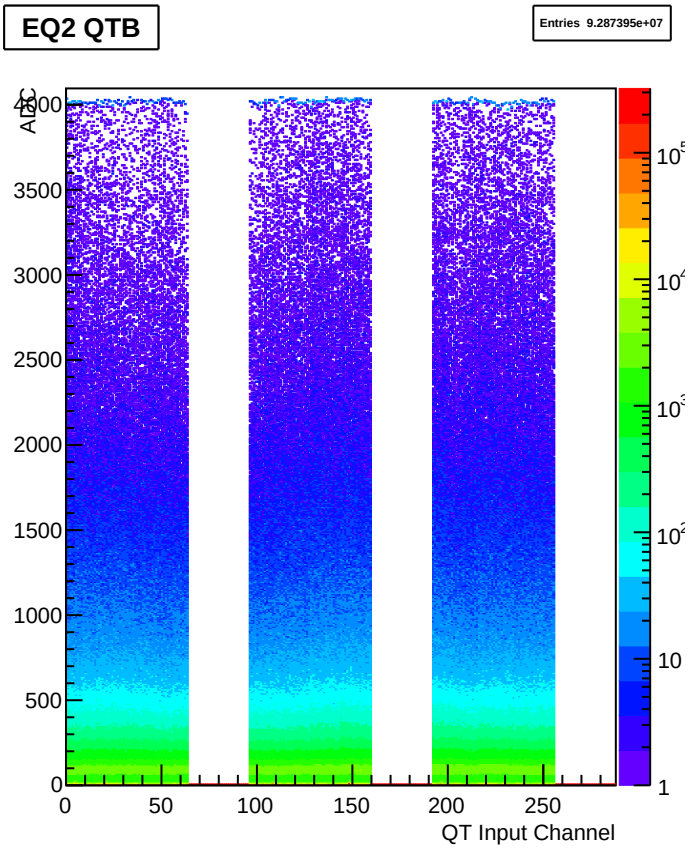

BBQ-VP002 West
Entries 5159664
TADC
QT Input Channel

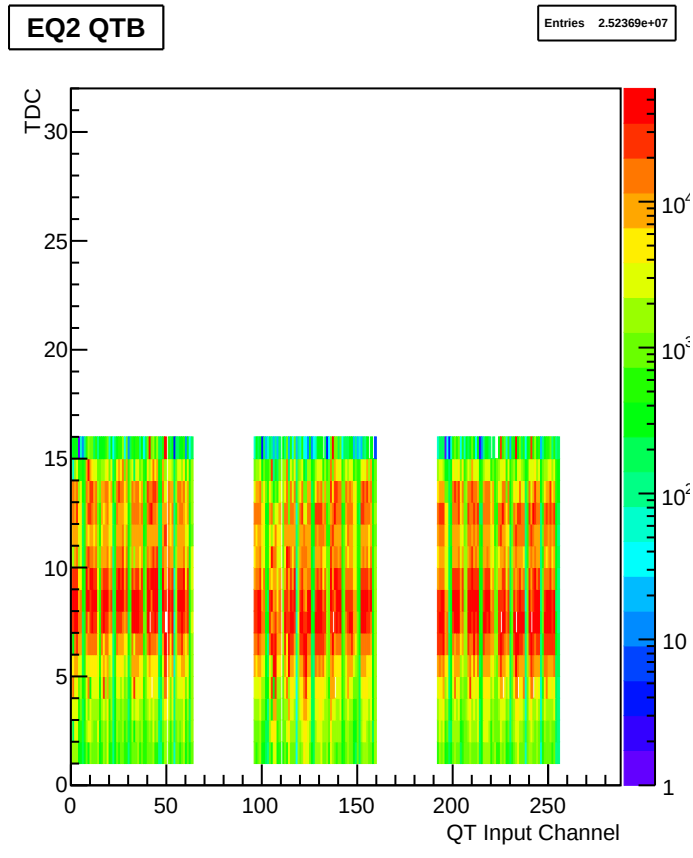

EQ1 QTB
Entries 9.287395e+07
ADC
QT Input Channel

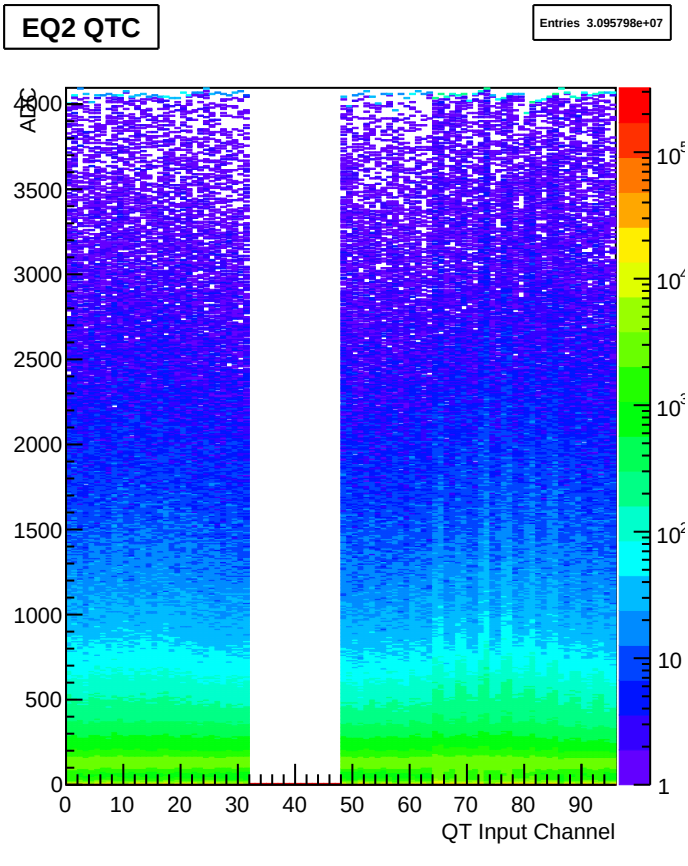

EQ1 QTB
Entries 3.270882e+07
TDC
QT Input Channel

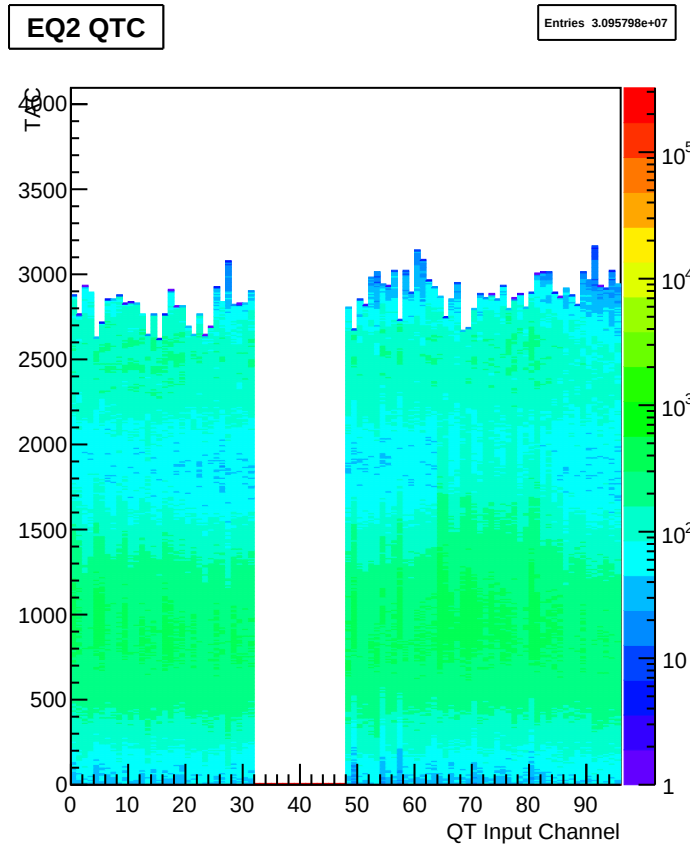

EQ1 QTC
Entries 3.095798e+07
ADC
QT Input Channel

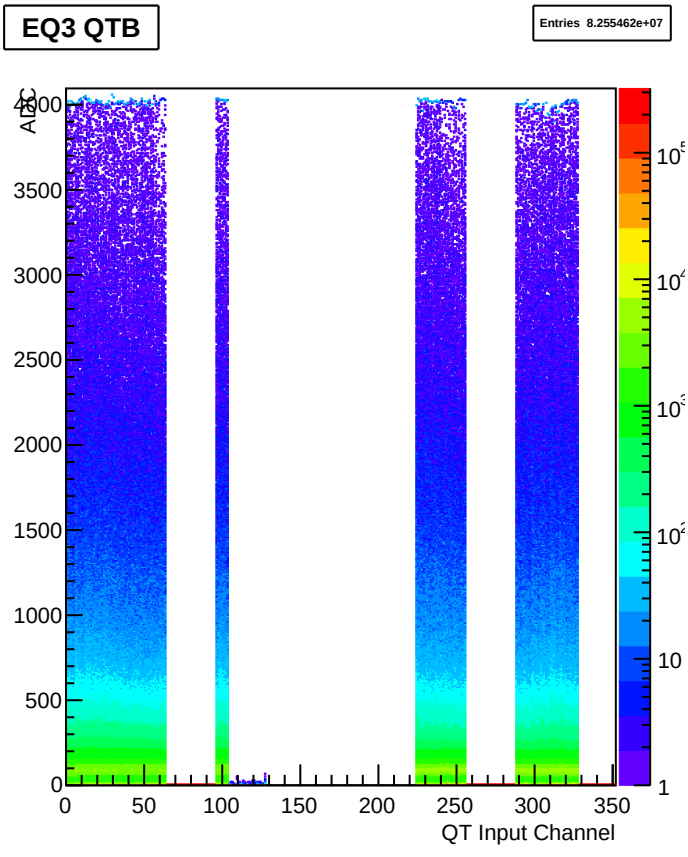

EQ1 QTC
Entries 3.095798e+07
TADC
QT Input Channel

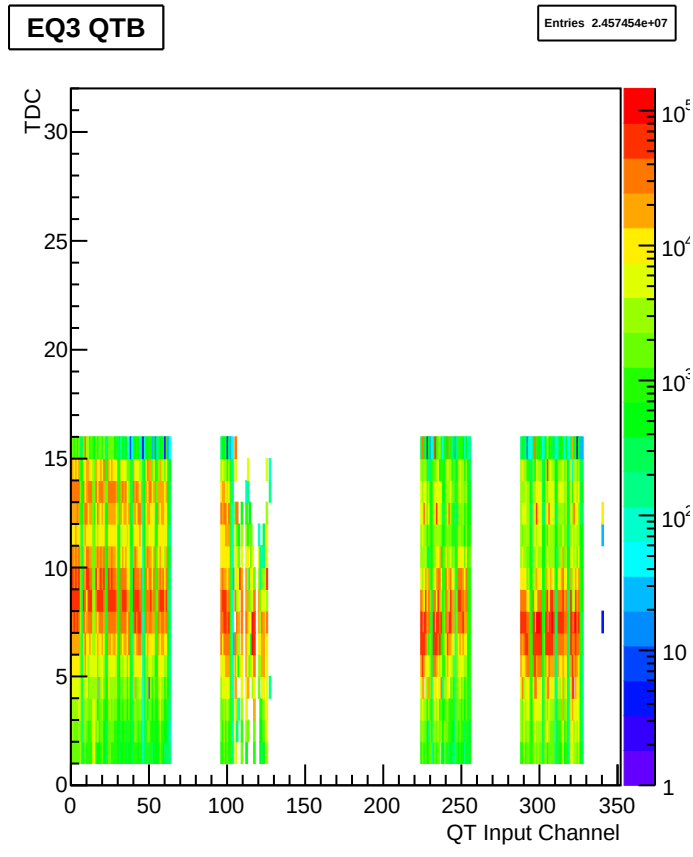

EQ2 QTB
Entries 9.287395e+07
ADC
QT Input Channel

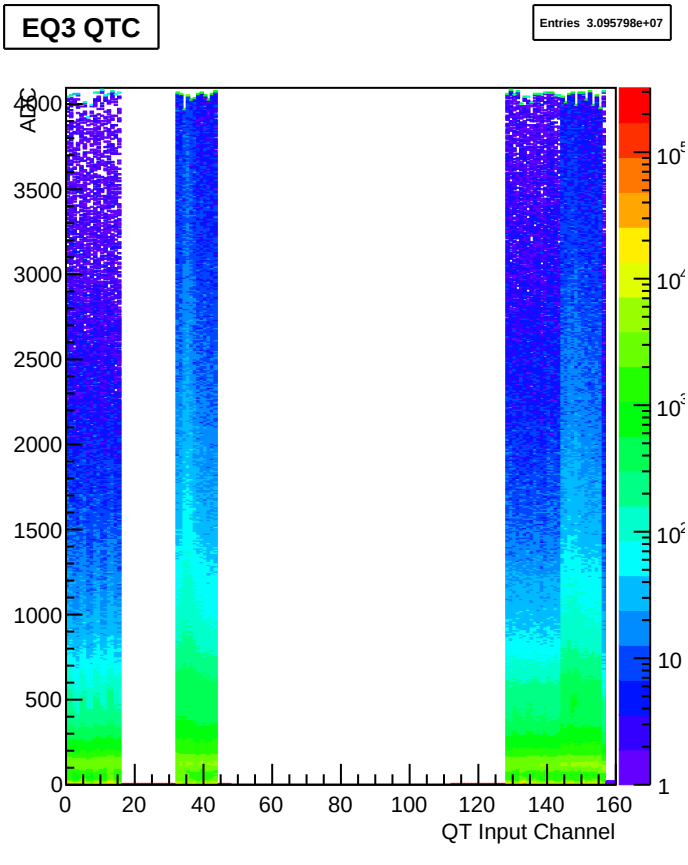

EQ2 QTB
Entries 2.52369e+07
TDC
QT Input Channel

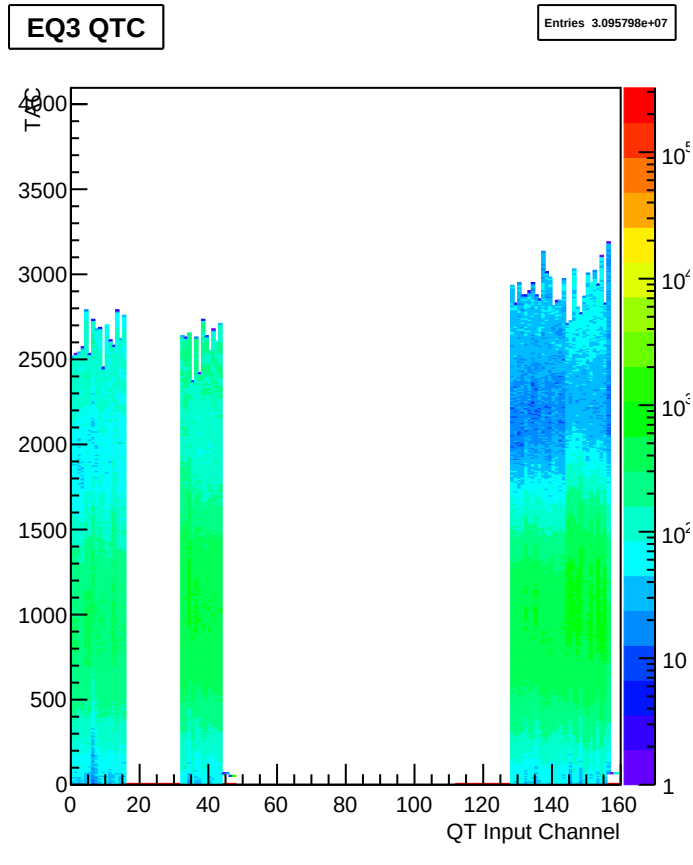

EQ2 QTC
Entries 3.095798e+07
ADC
QT Input Channel

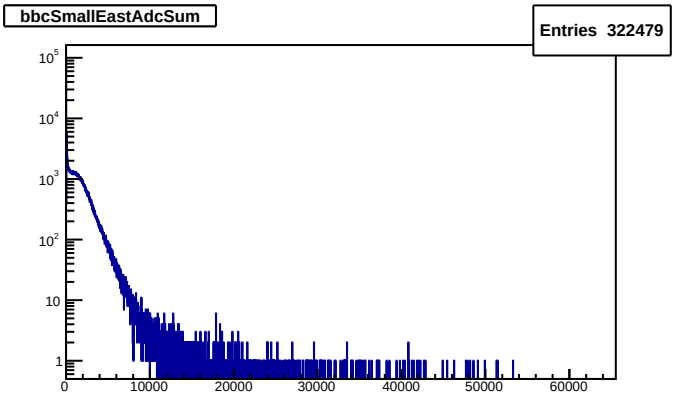

EQ2 QTC
Entries 3.095798e+07
TADC
QT Input Channel

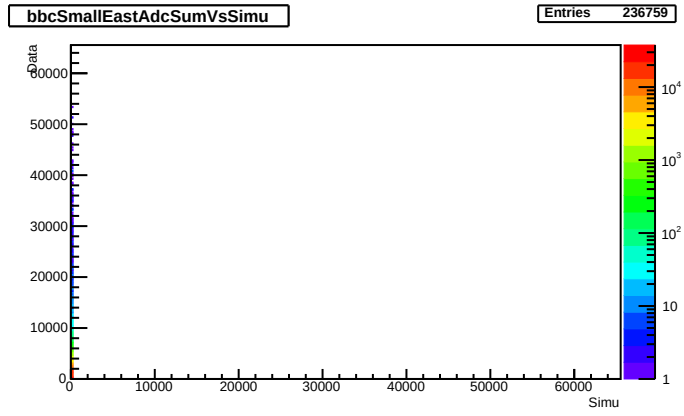

EQ3 QTB
Entries 8.255462e+07
ADC
QT Input Channel

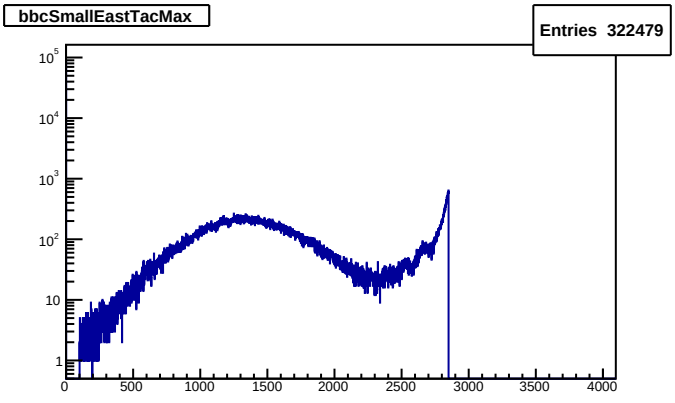

EQ3 QTB
Entries 2.457454e+07
TDC
QT Input Channel

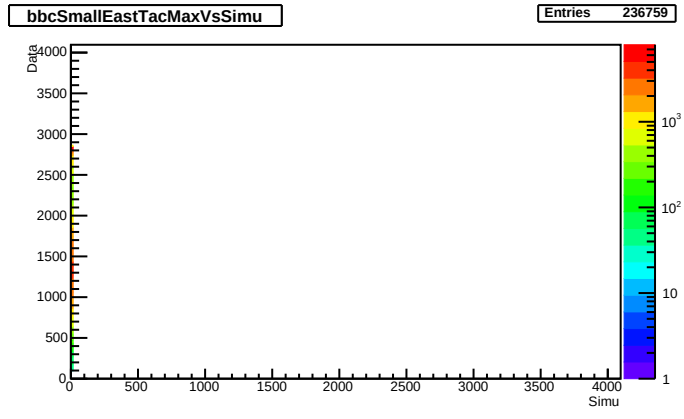

EQ3 QTC
Entries 3.095798e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.095798e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 322479


bbcSmallEastAdcSumVsSimu
Entries 236759
Data
Simu


bbcSmallEastTacMax
Entries 322479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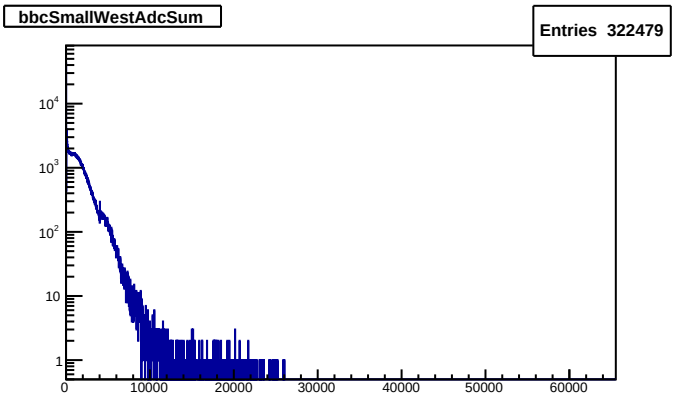
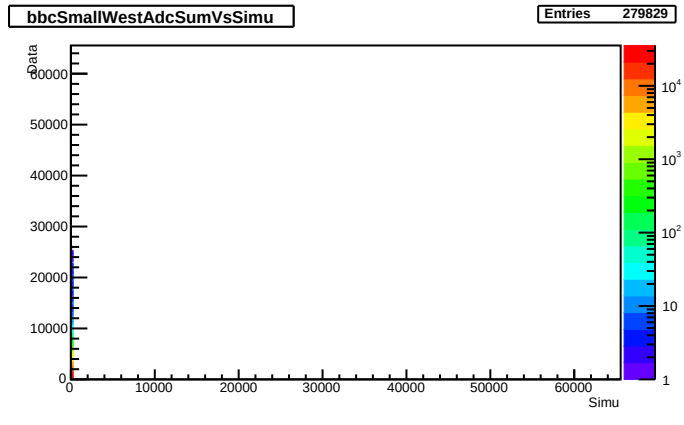
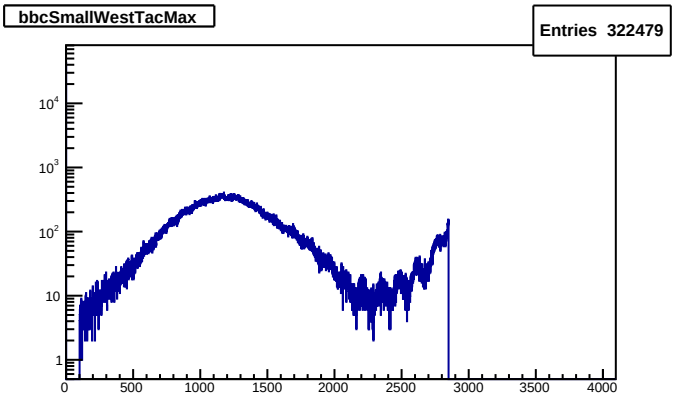
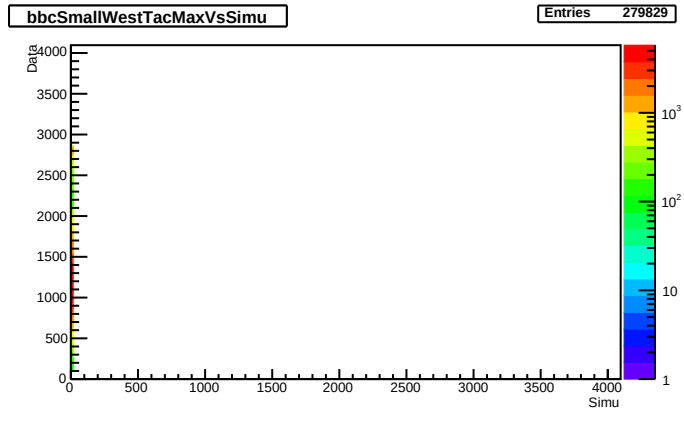
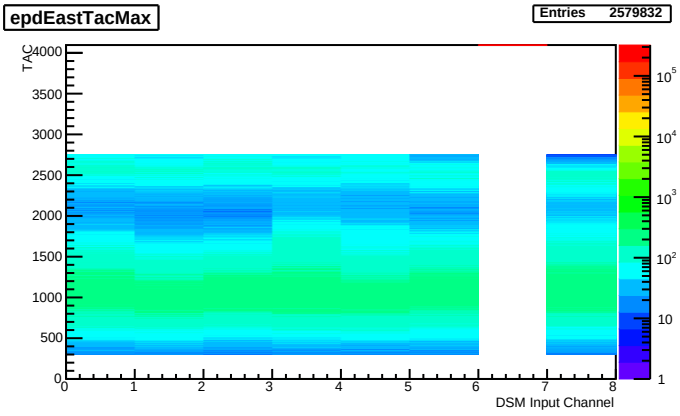
Entries 236759
Data
Simu

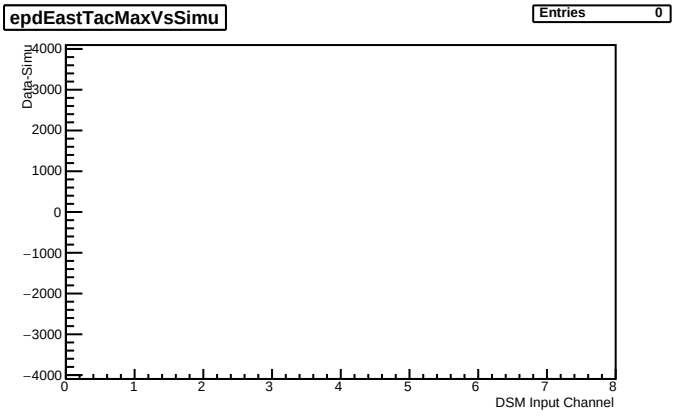

bbcSmallWestAdcSum
Entries 322479

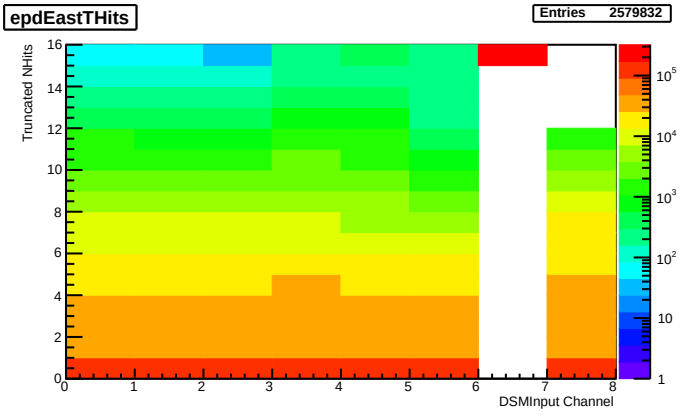

bbcSmallWestAdcSumVsSimu
Entries 279829
Data
Simu

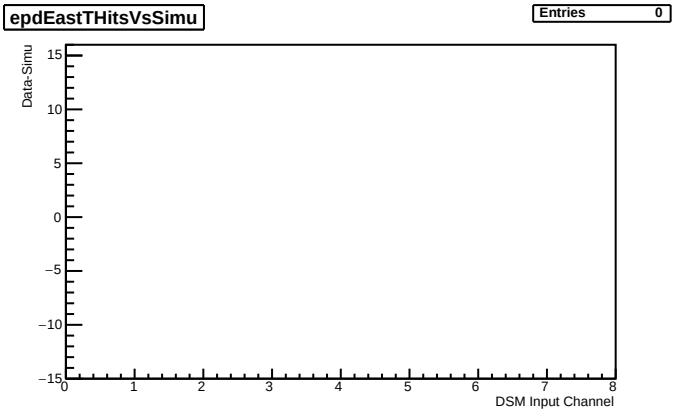

bbcSmallWestTacMax
Entries 322479

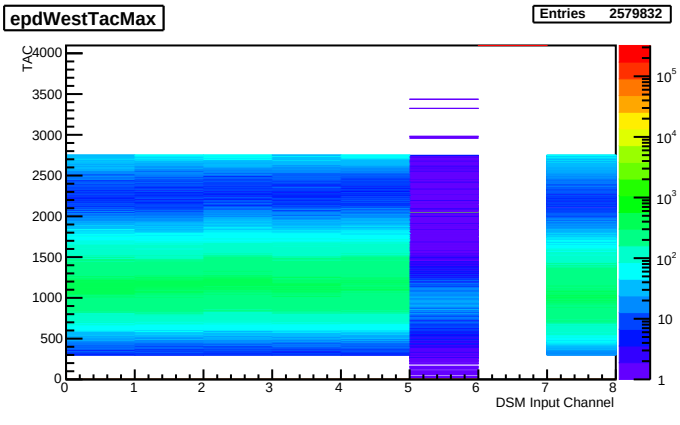

bbcSmallWestTacMaxVsSimu
Entries 279829
Data
Simu

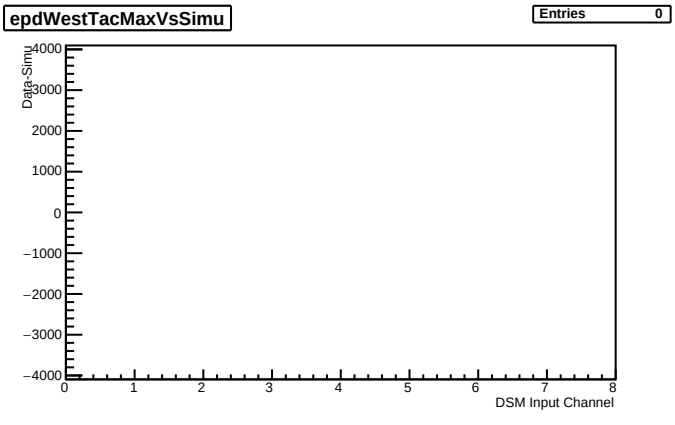

epdEastTacMax
Entries 2579832
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2579832
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2579832
TAC
DSM Input Channel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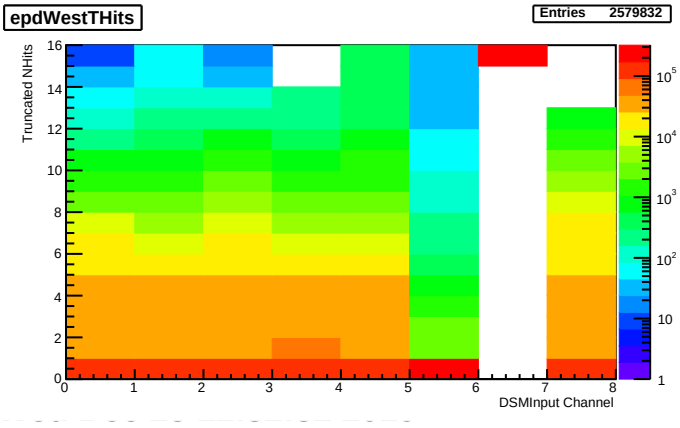
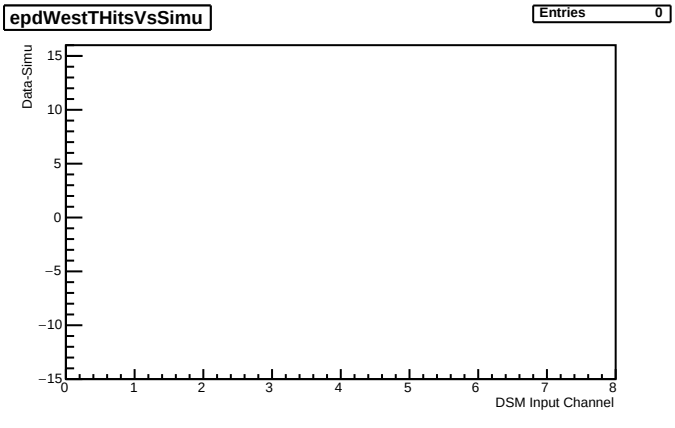
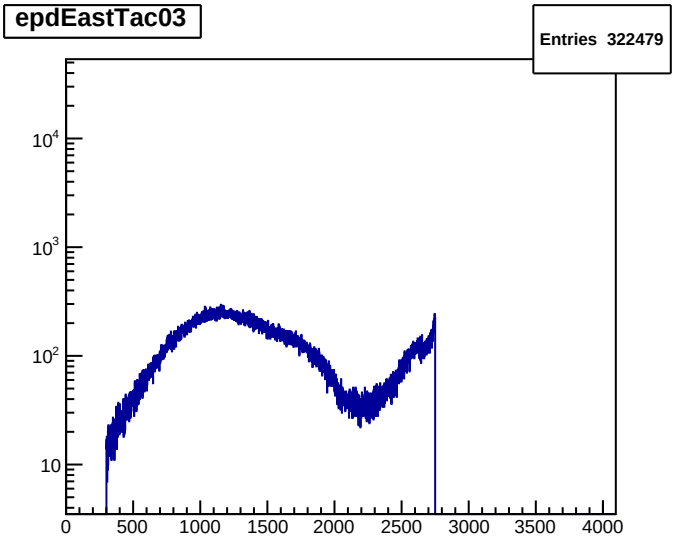
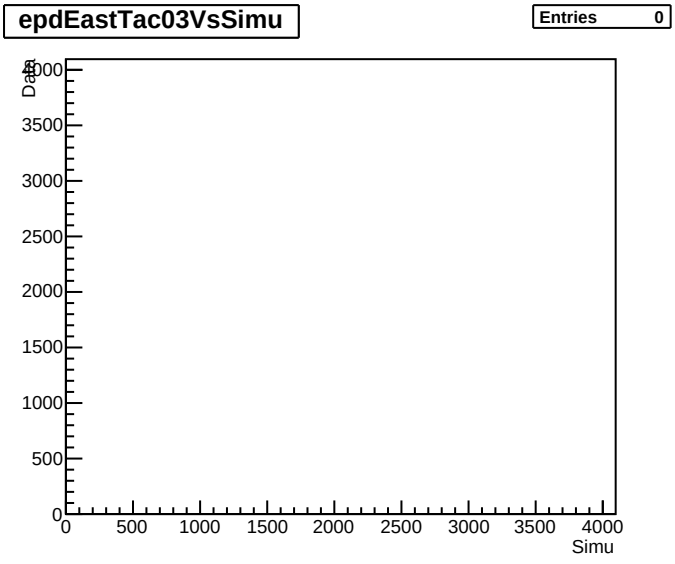
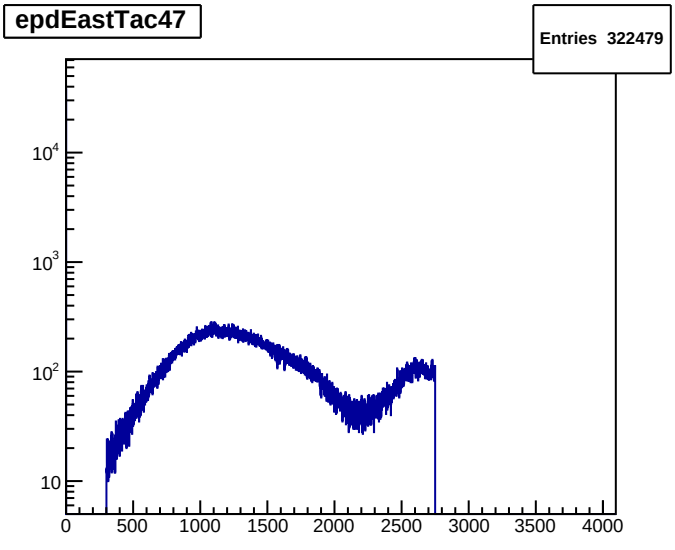
Entries 0
Data-Simu
DSM Input Channel

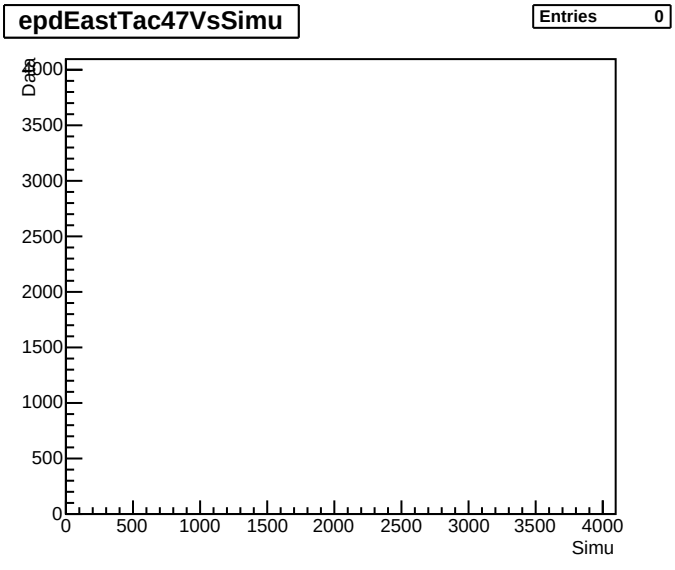

epdWestTHits
Entries 2579832
Truncated NHits
DSMInput Channel

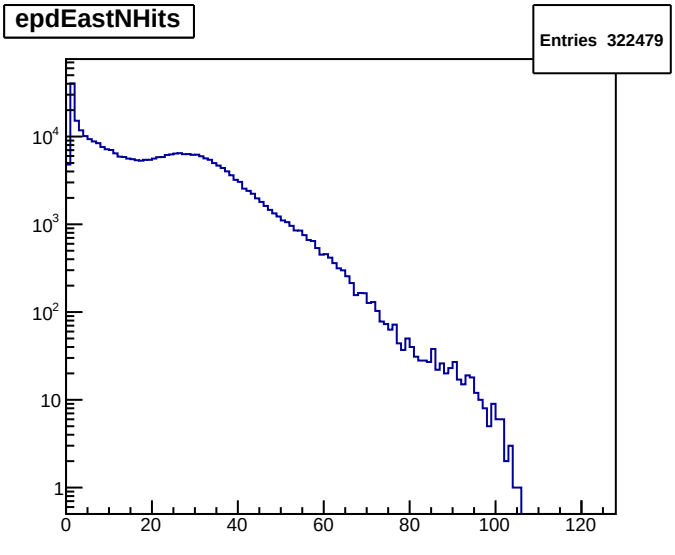

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

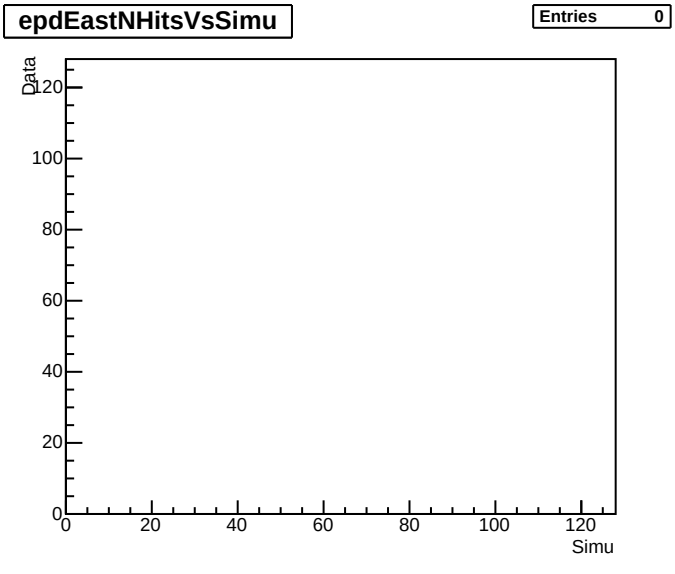

epdEastTac03
Entries 322479


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 322479


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 322479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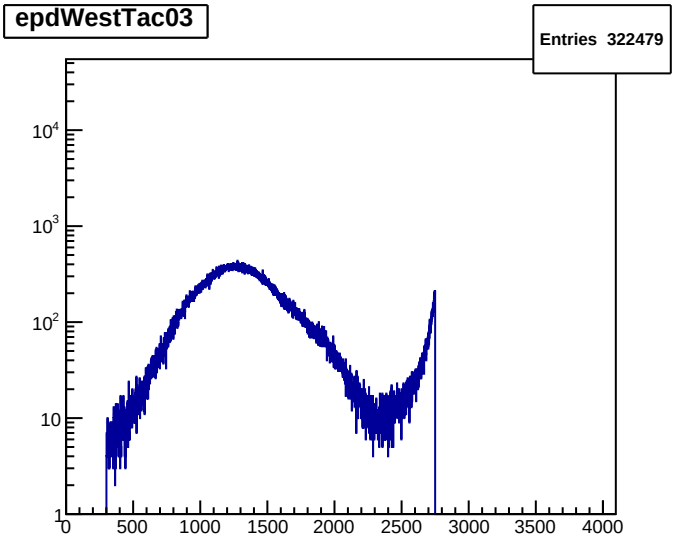
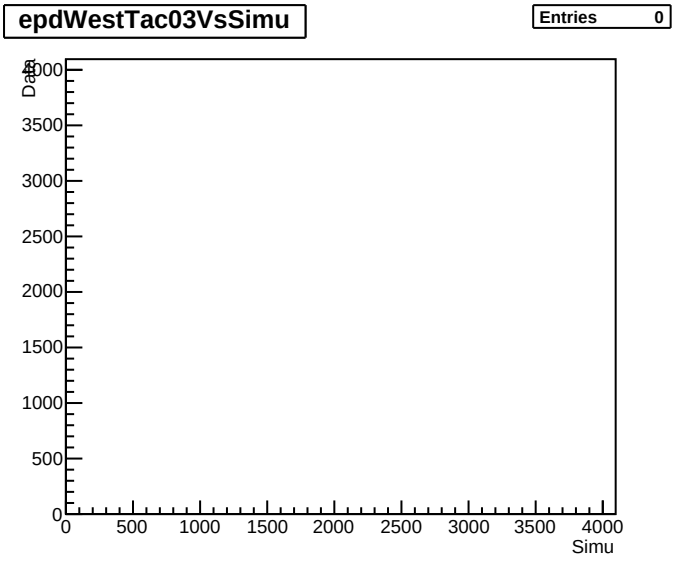
Entries 0
Data
Simu


epdWestTac03
Entries 322479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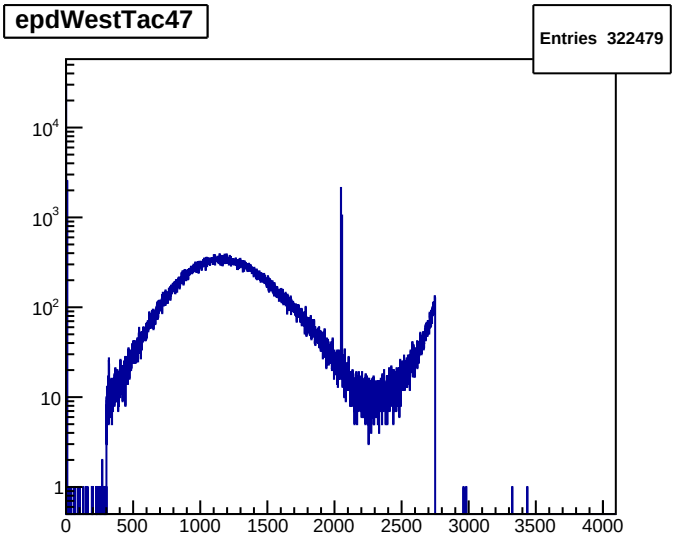
Entries 0
Data
Simu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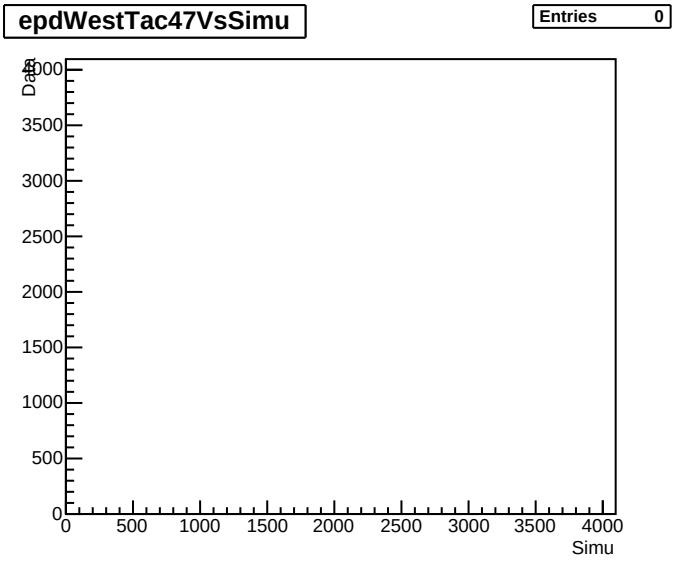
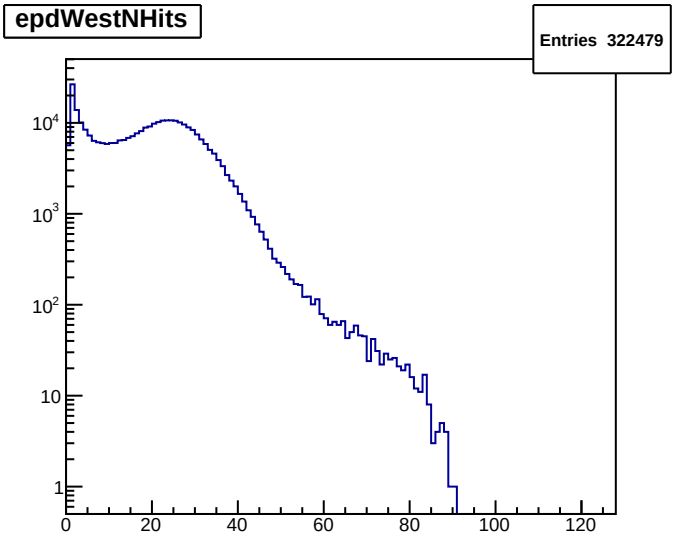
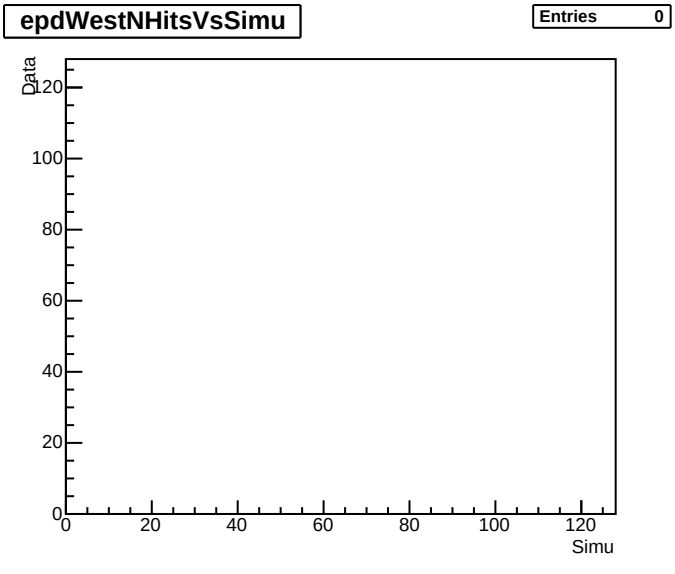
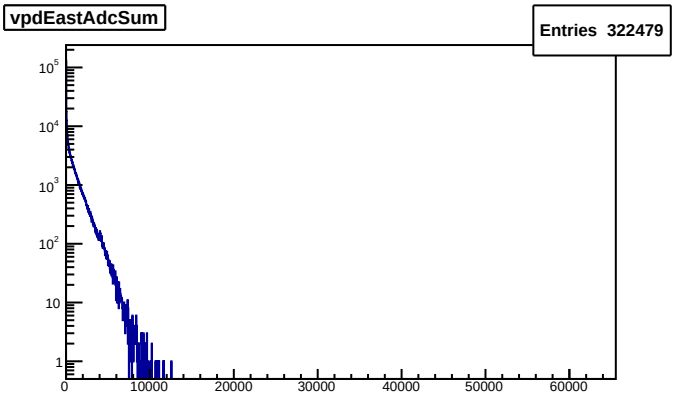
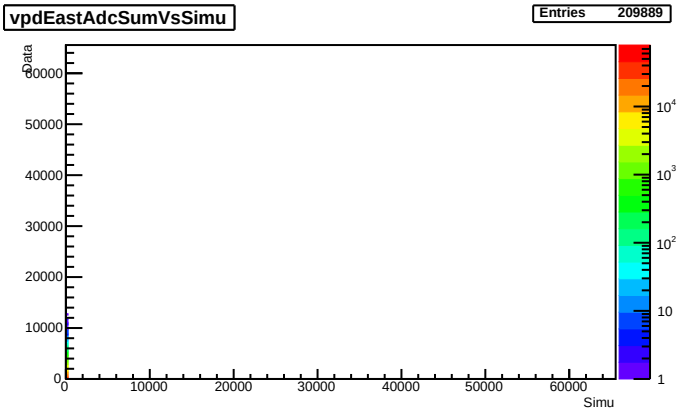
Entries 322479

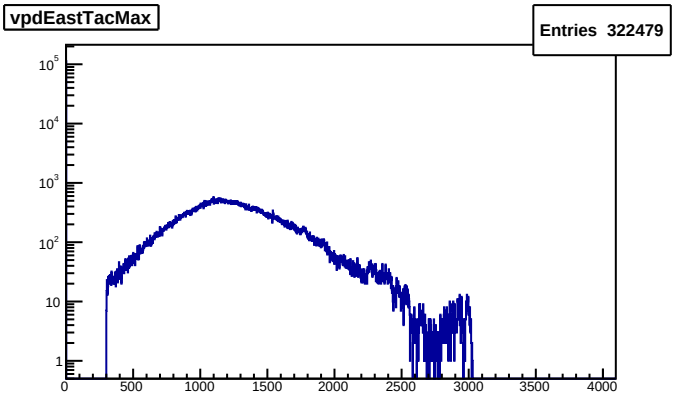

epdWestTac47VsSimu
Entries 0
Data
Simu

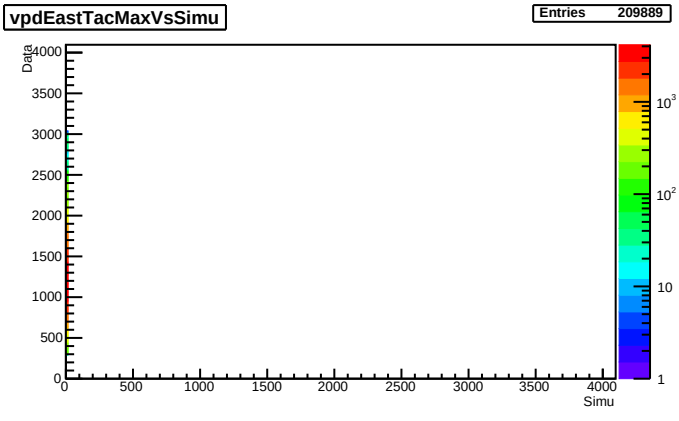

epdWestNHits
Entries 322479

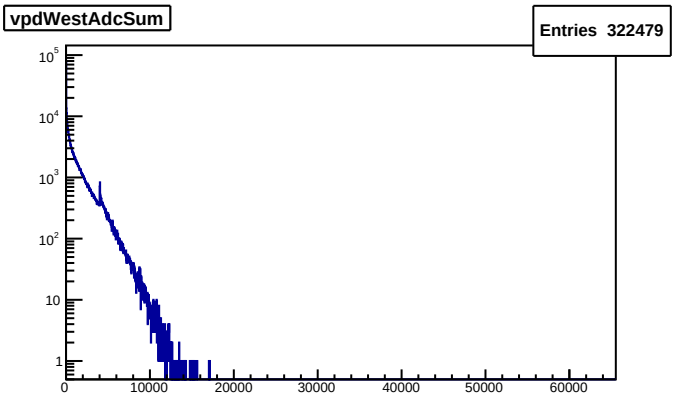

epdWestNHitsVsSimu
Entries 0
Data
Simu

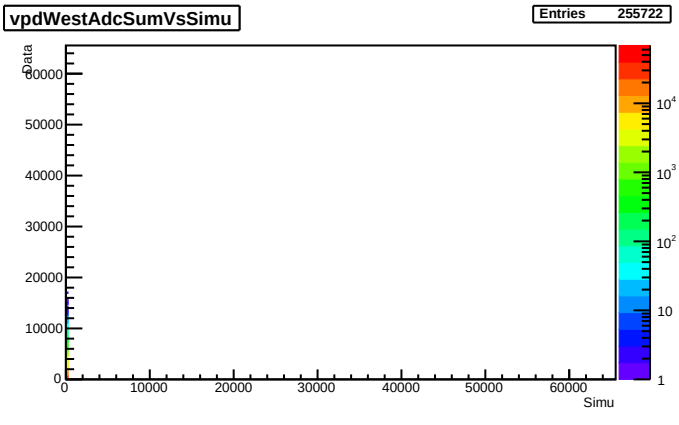

vpdEastAdcSum
Entries 322479

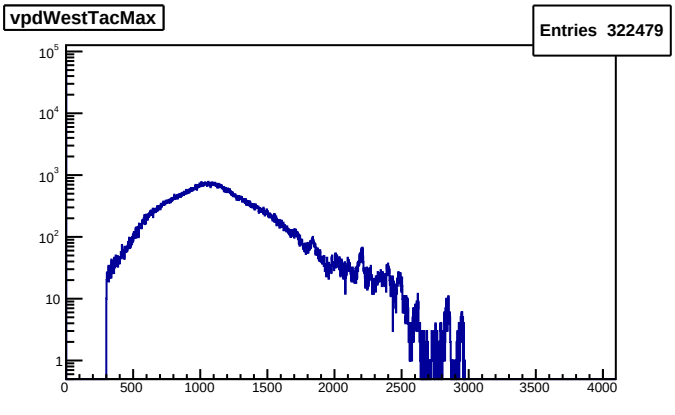

vpdEastAdcSumVsSimu
Entries 209889
Data
Simu

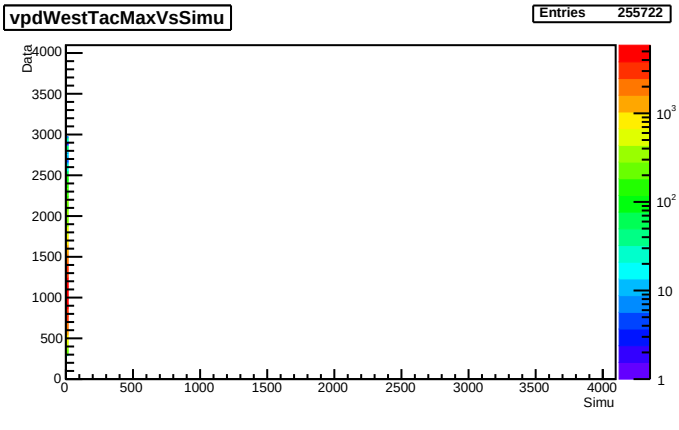

vpdEastTacMax
Entries 322479

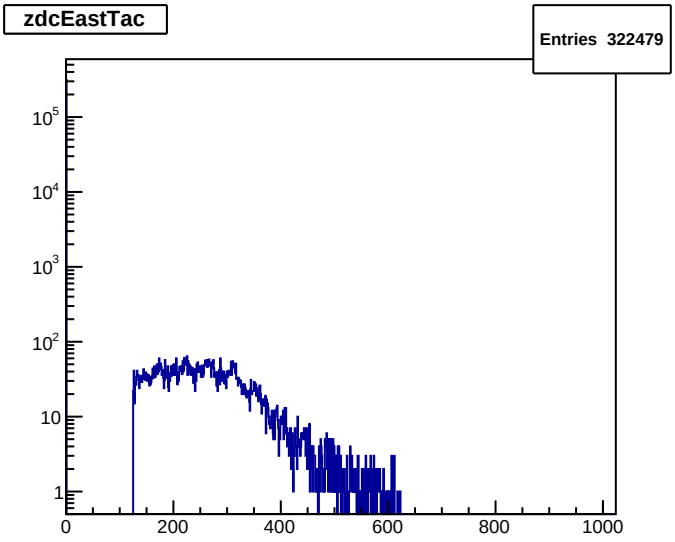

vpdEastTacMaxVsSimu
Entries 209889
Data
Simu

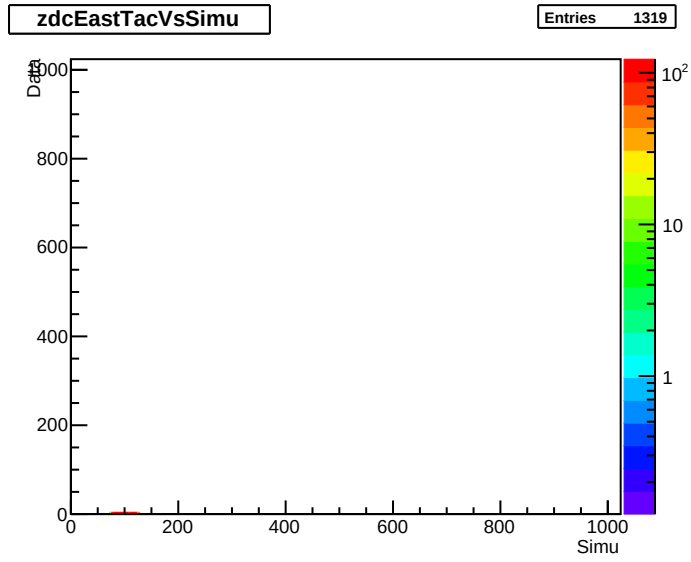

vpdWestAdcSum
Entries 322479

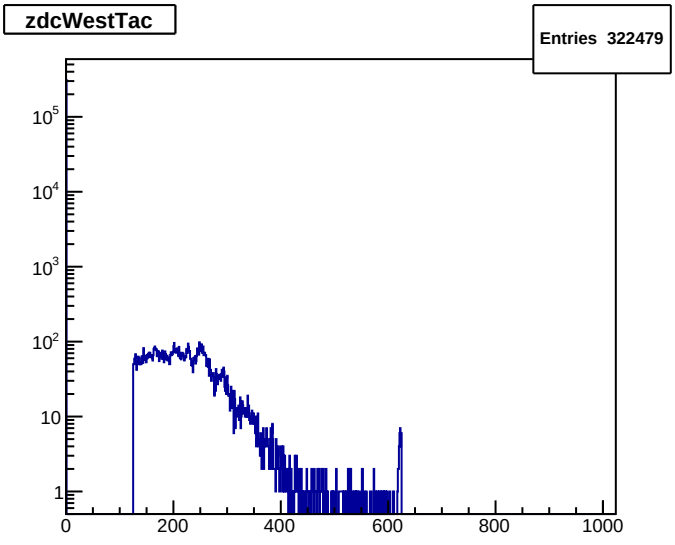

vpdWestAdcSumVsSimu
Entries 255722
Data
Simu

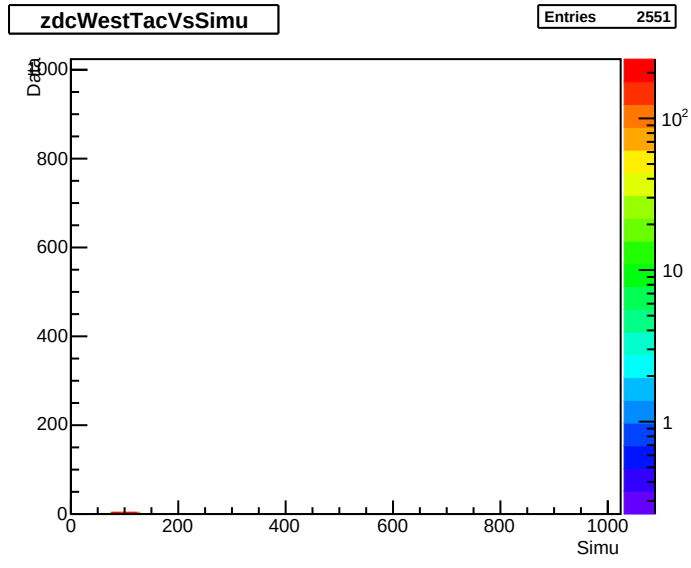

vpdWestTacMax
Entries 322479

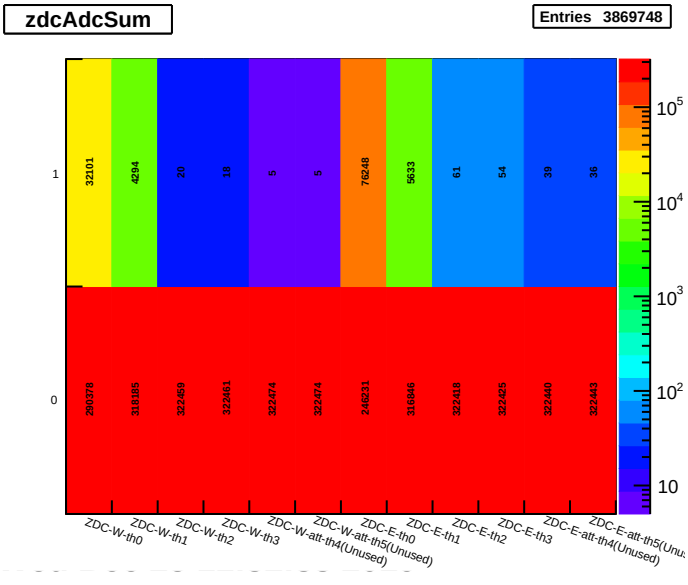

vpdWestTacMaxVsSimu
Entries 255722
Data
Simu

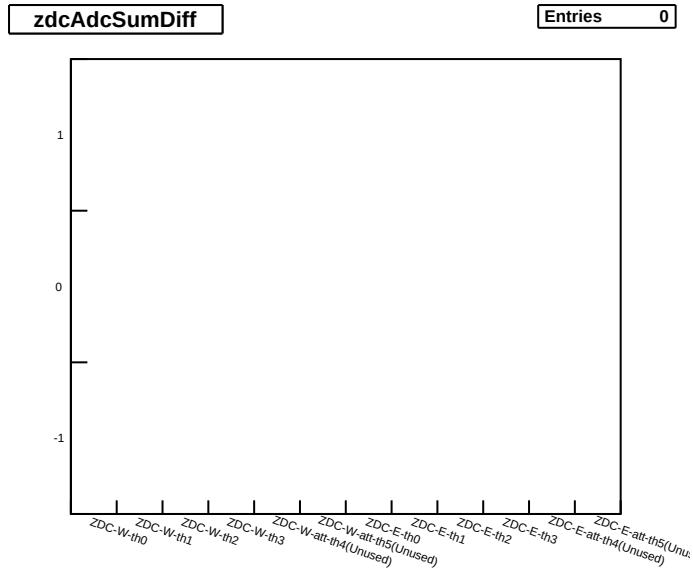

zdcEastTac
Entries 322479

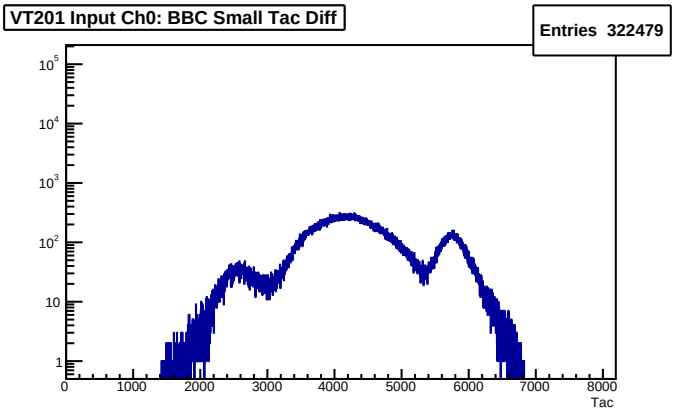

zdcEastTacVsSimu
Entries 1319
Data
Simu

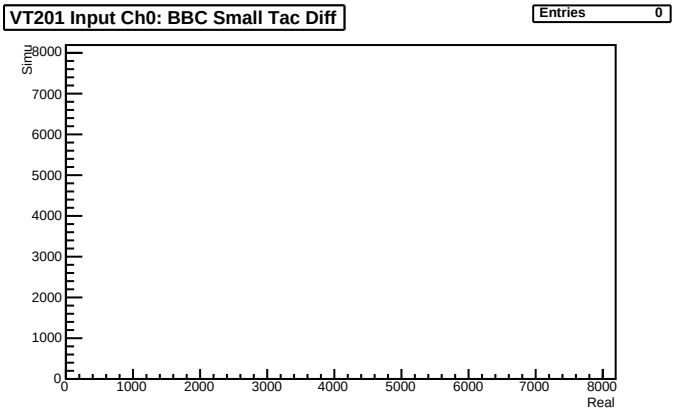

zdcWestTac
Entries 322479

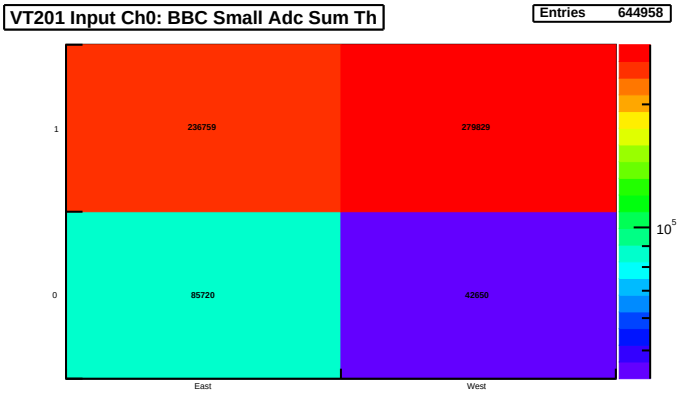

zdcWestTacVsSimu
Entries 2551
Data
Simu

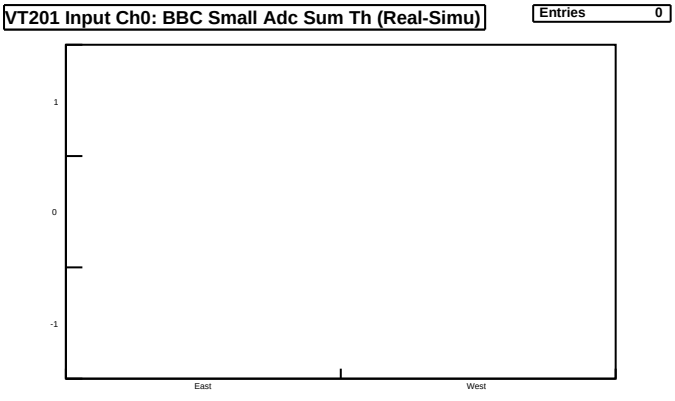

zdcAdcSum
Entries 3869748
32101
4294
20
18
5
5
76248
5633
61
54
39
36
290378
318185
322459
322461
322474
322474
246231
316846
322418
322425
322440
322443
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

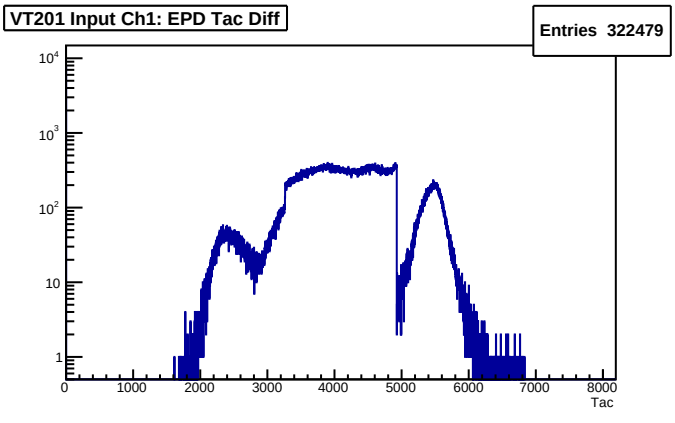

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

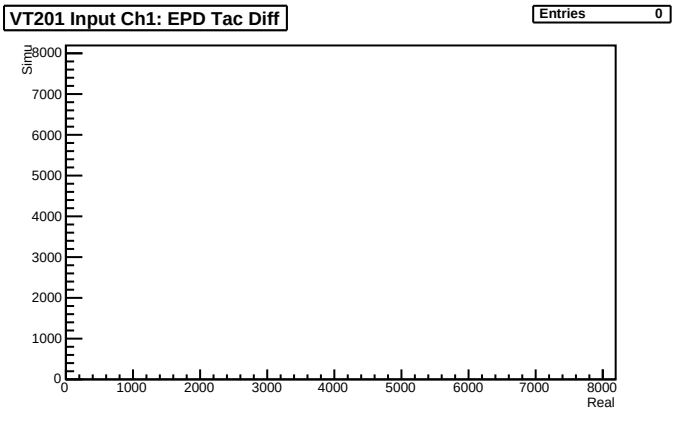

VT201 Input Ch0: BBC Small Tac Diff
Entries 322479
Tac

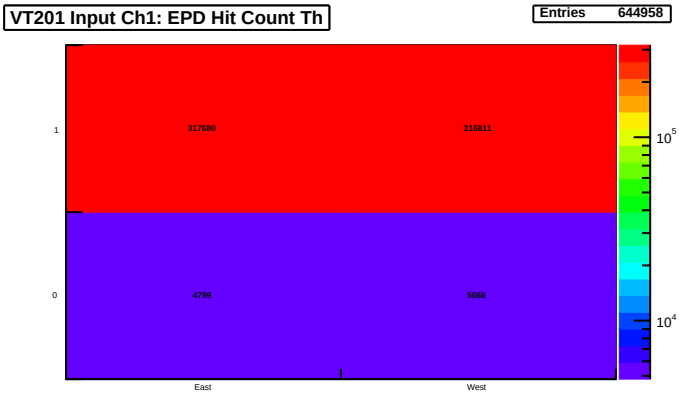

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

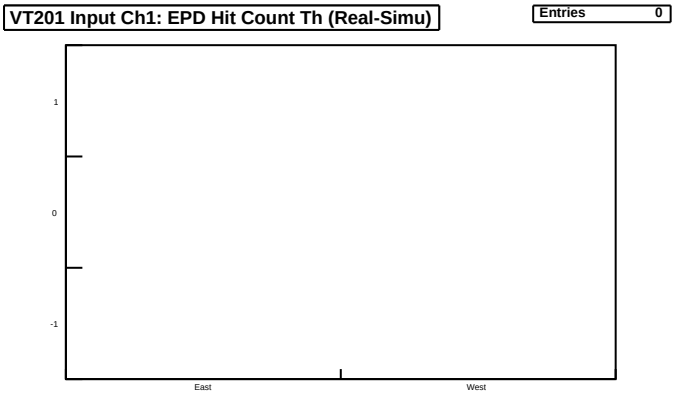

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 644958
236759
279829
85720
42650
East
West

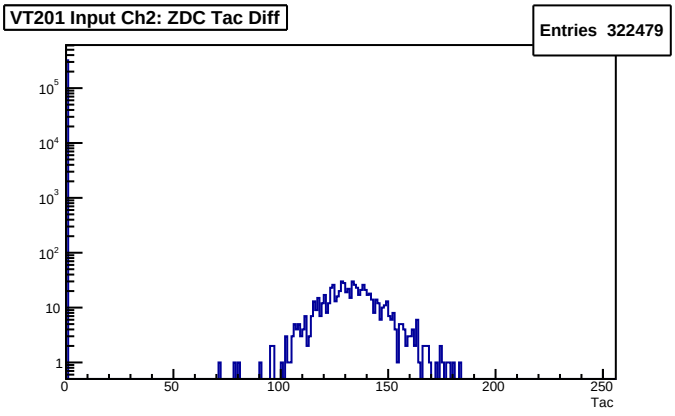

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

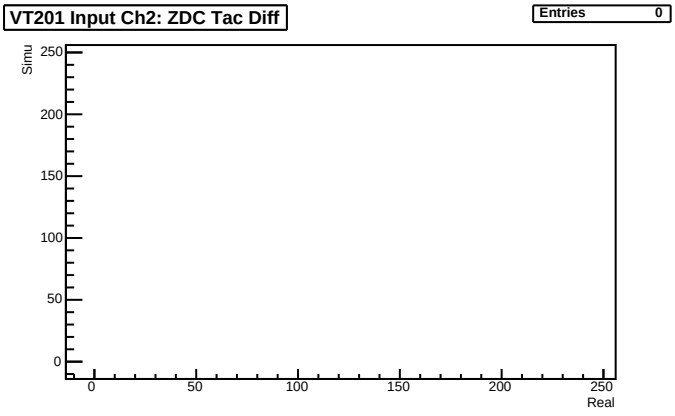

VT201 Input Ch1: EPD Tac Diff
Entries 322479
Tac

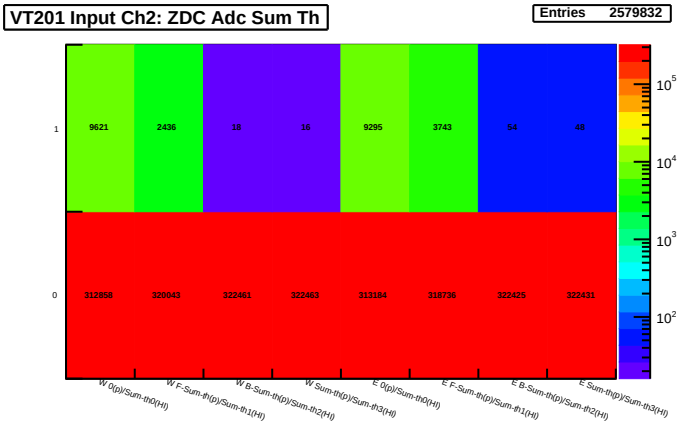

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

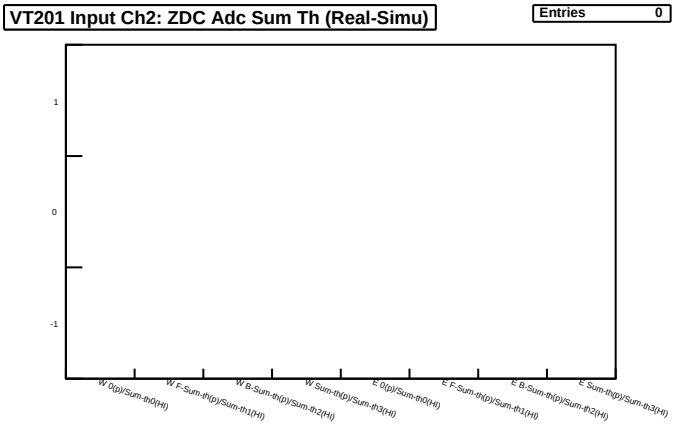

VT201 Input Ch1: EPD Hit Count Th
Entries 644958
317680
316811
4799
5668
East
West

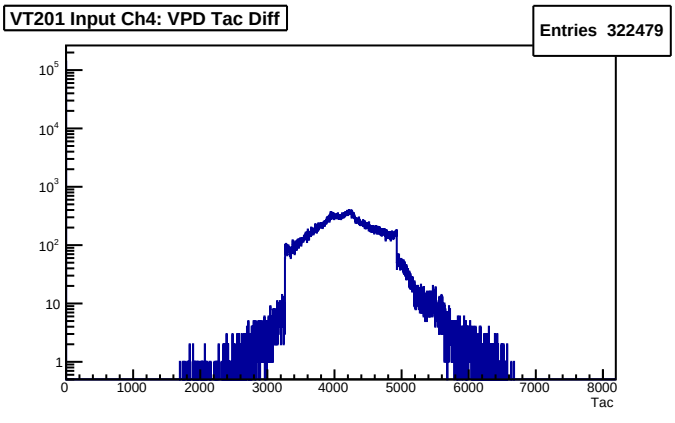

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

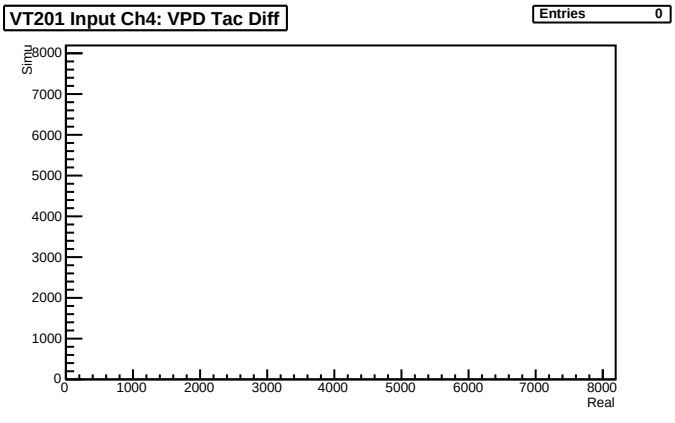

VT201 Input Ch2: ZDC Tac Diff
Entries 322479
Tac

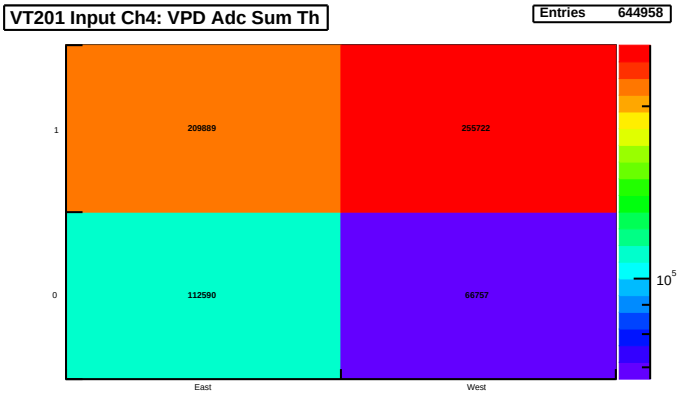

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

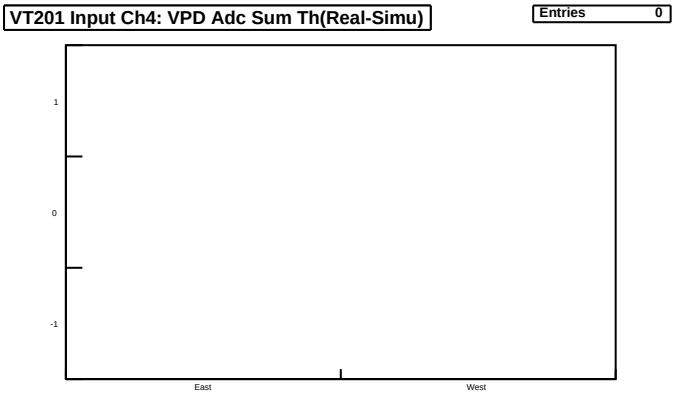

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2579832
9621
2436
18
16
9295
3743
54
48
312858
320043
322461
322463
313184
318736
322425
322431
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

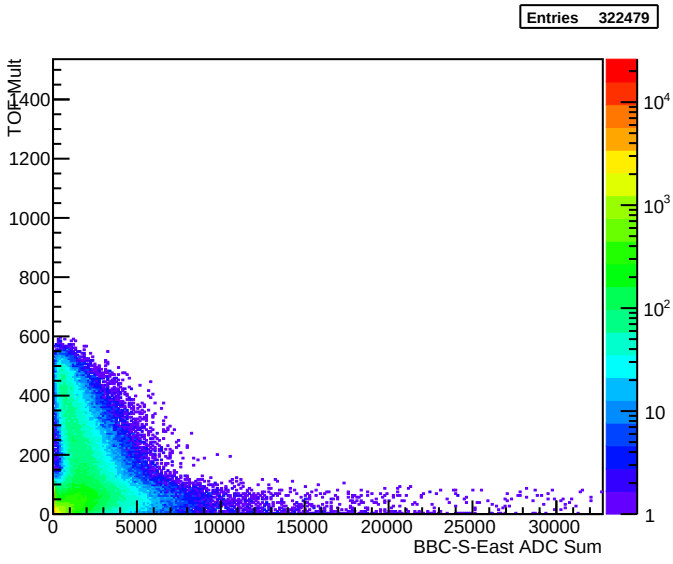

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

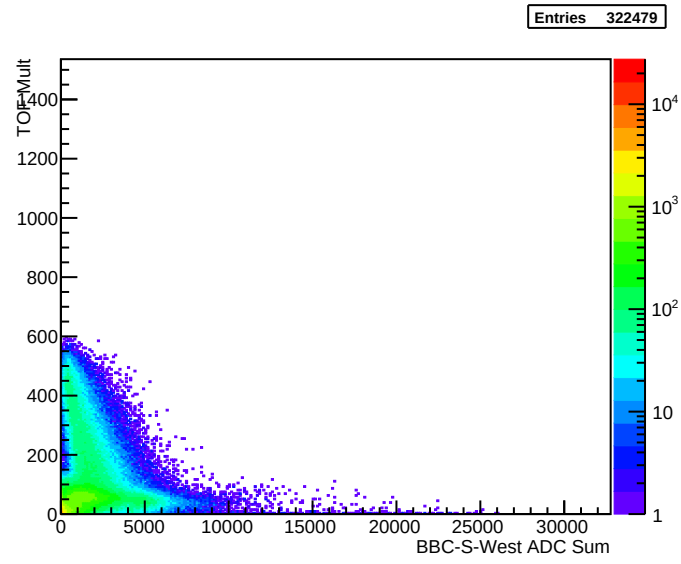

VT201 Input Ch4: VPD Tac Diff
Entries 322479
Tac

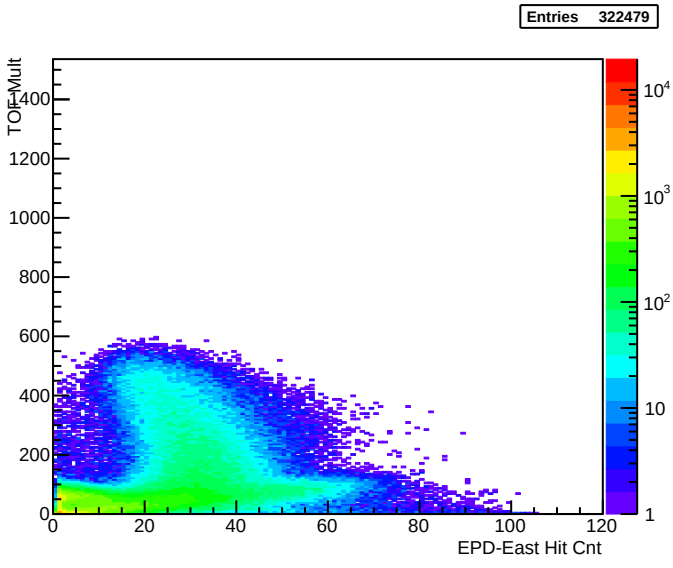

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

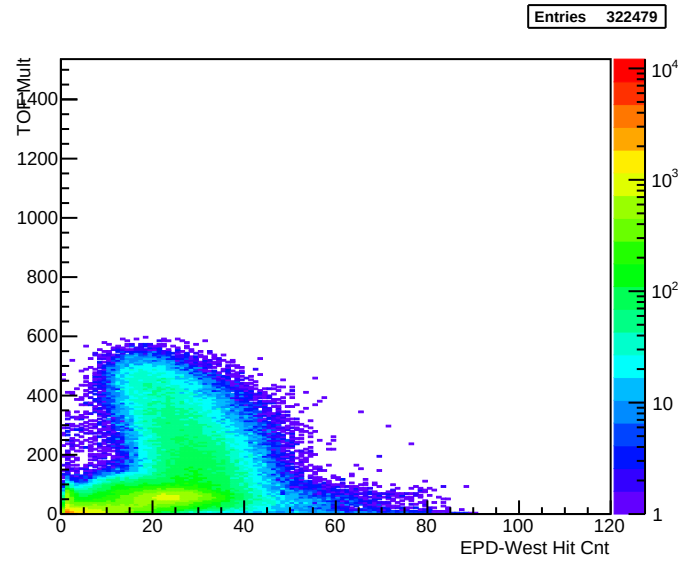

VT201 Input Ch4: VPD Adc Sum Th
Entries 644958
209889
255722
112590
66757
East
West

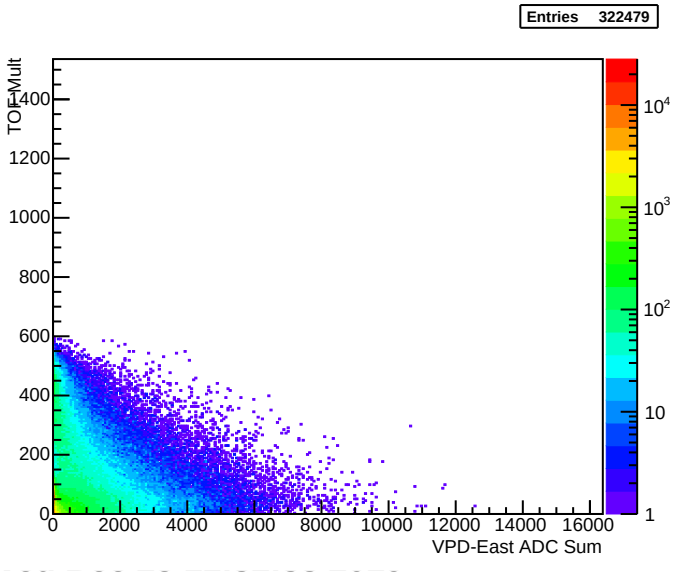

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

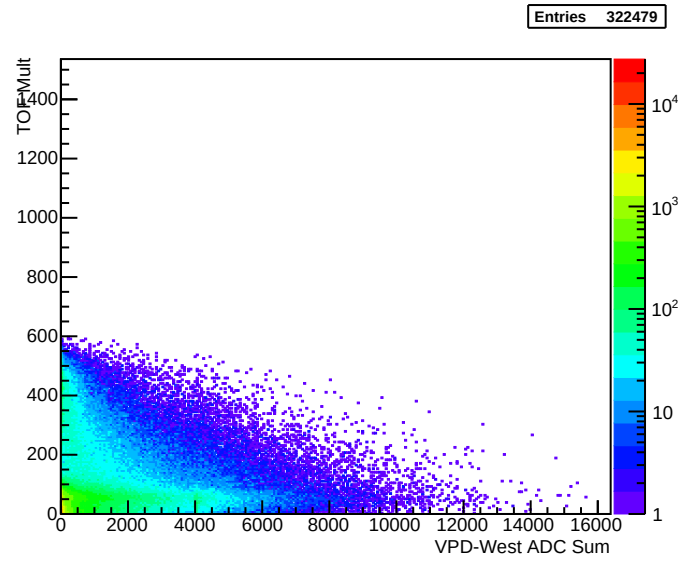

Entries 322479
TOF-Mult
BBC-S-East ADC Sum

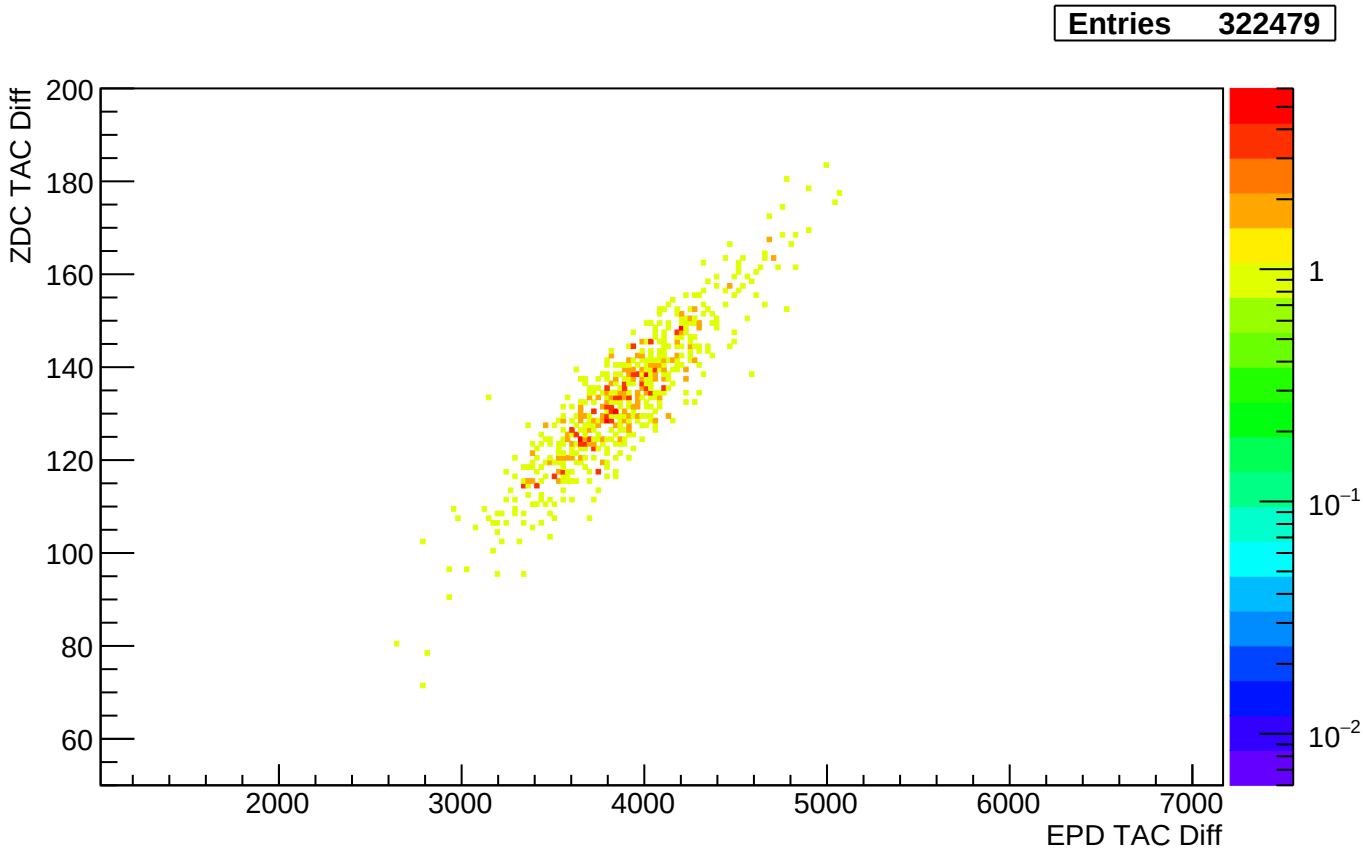

Entries 322479
TOF-Mult
BBC-S-West ADC Sum

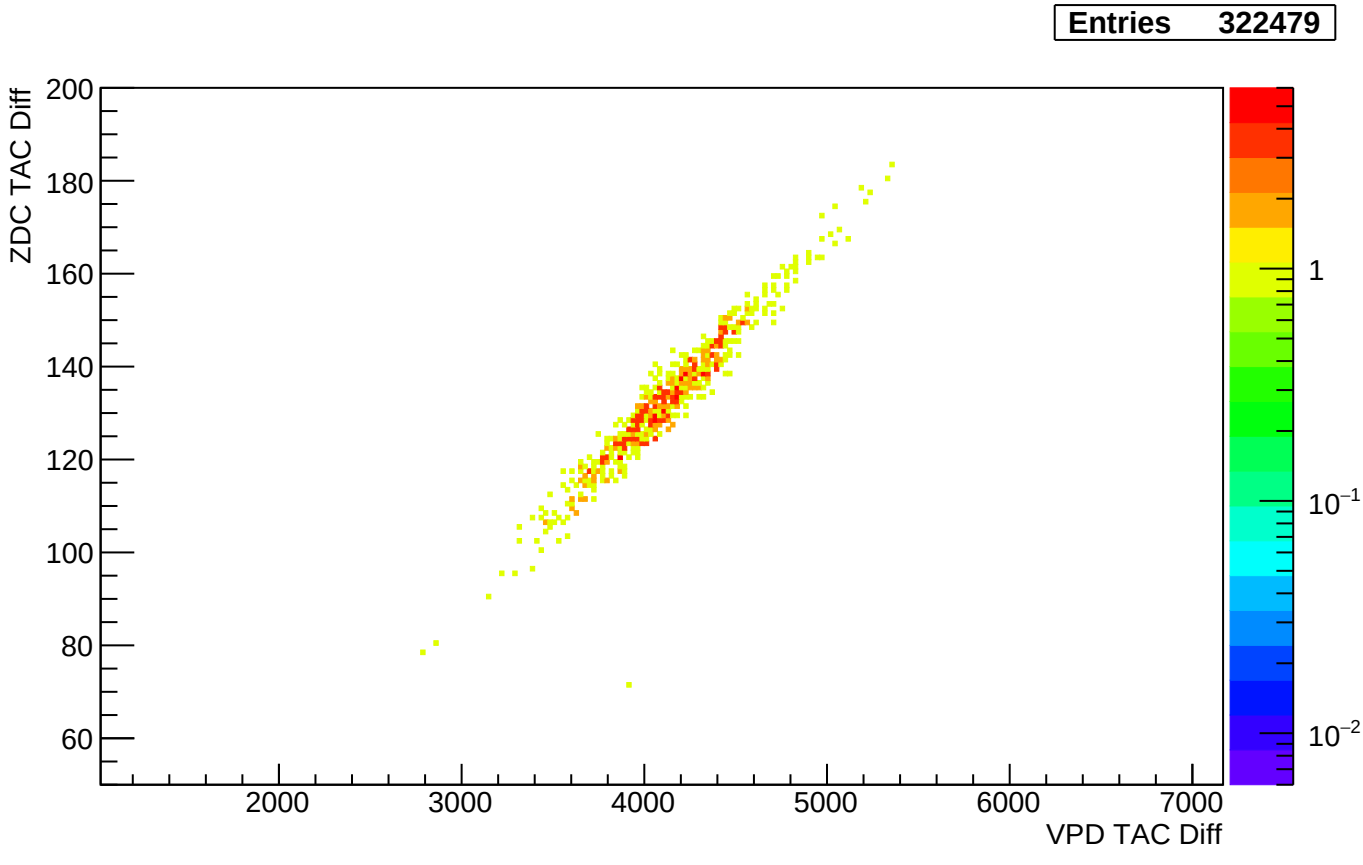

Entries 322479
TOF-Mult
EPD-East Hit Cnt

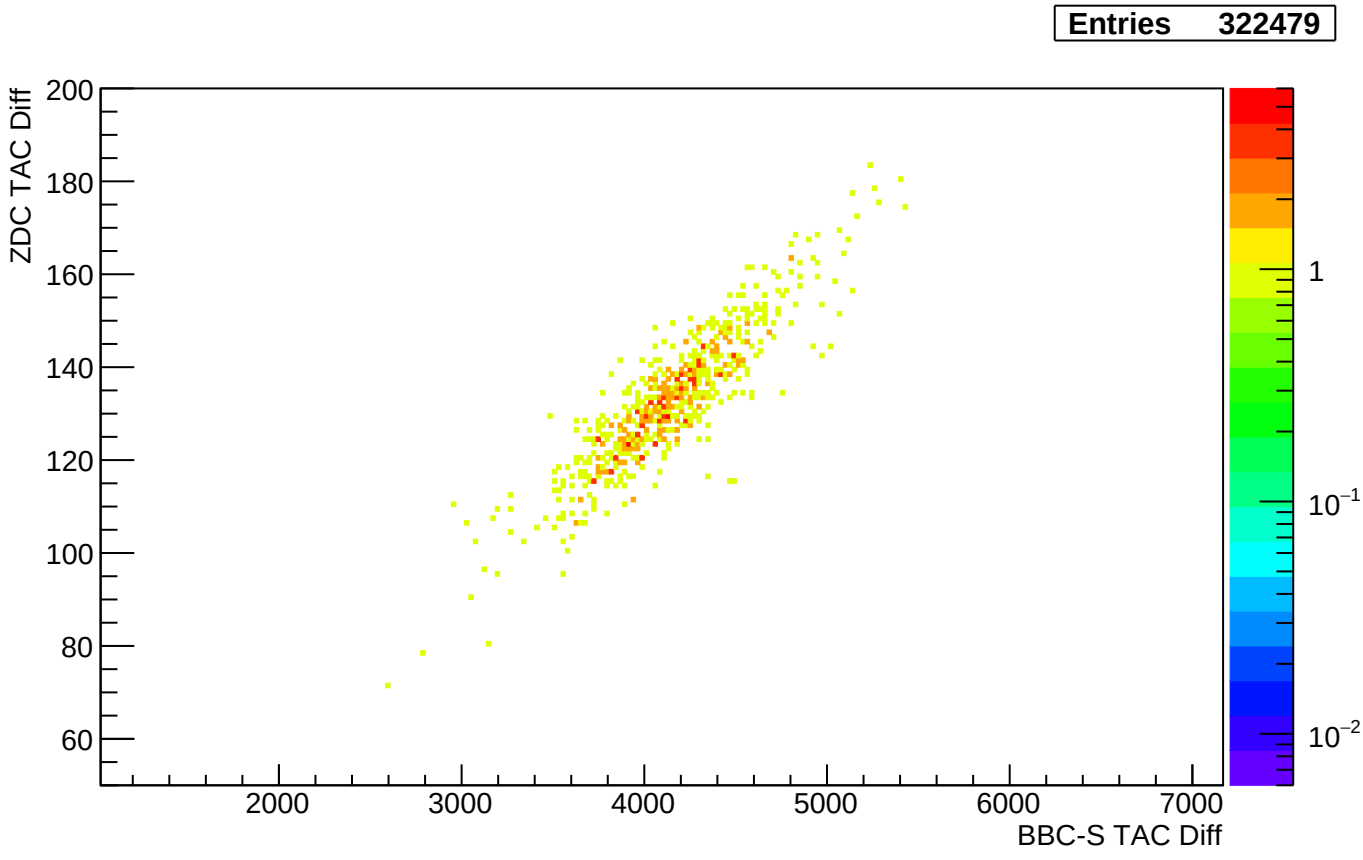

Entries 322479
TOF-Mult
EPD-West Hit Cnt

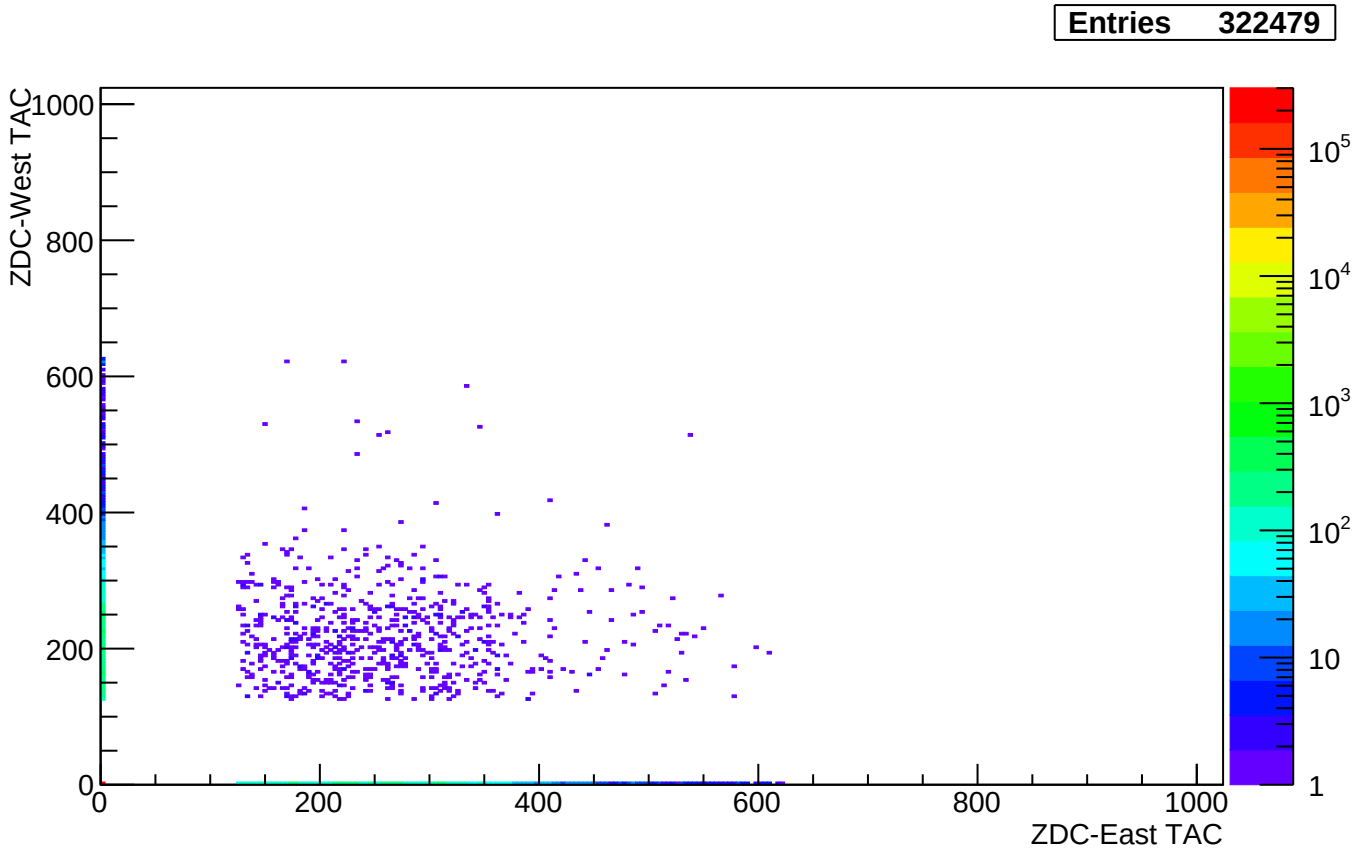

Entries 322479
TOF-Mult
VPD-East ADC Sum

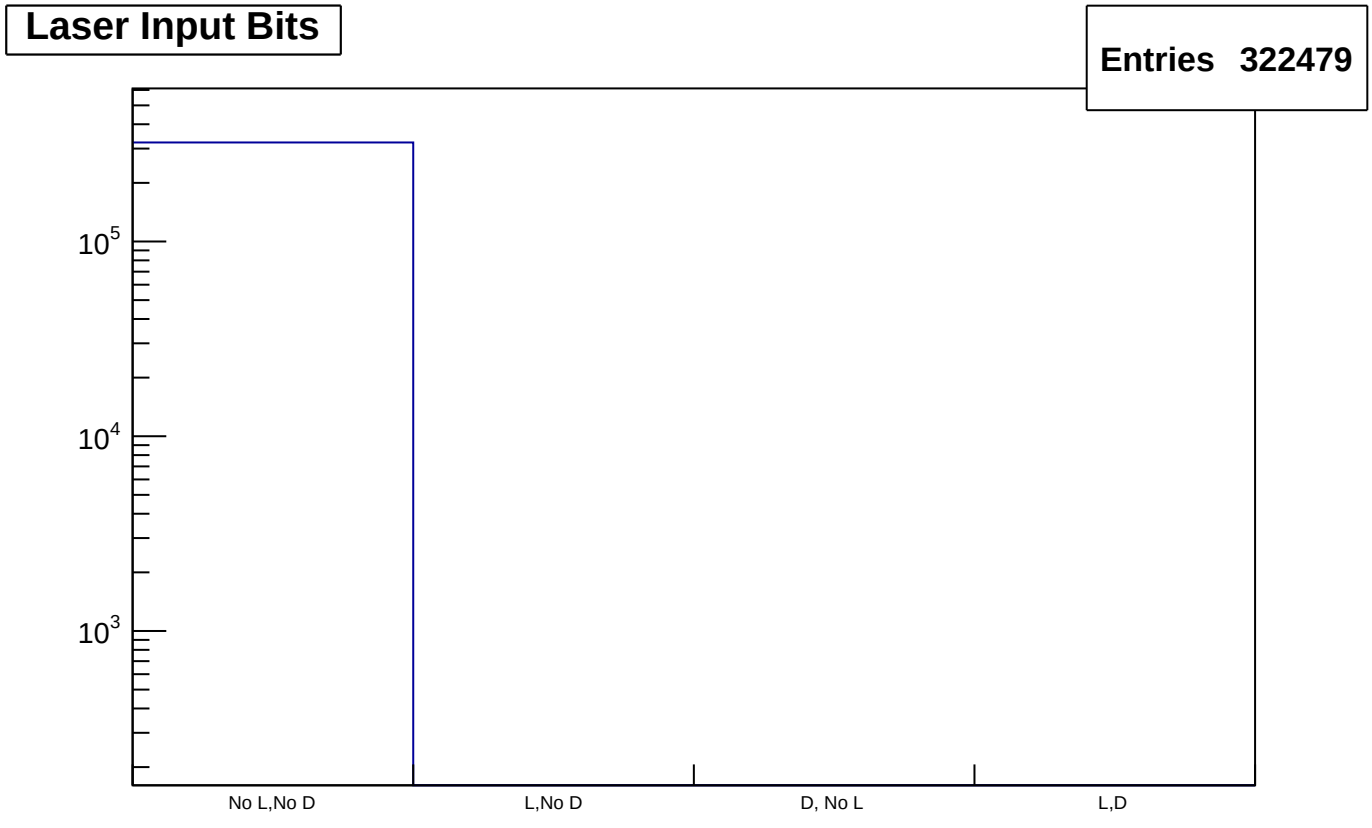

Entries 322479
TOF-Mult
VPD-West ADC Sum

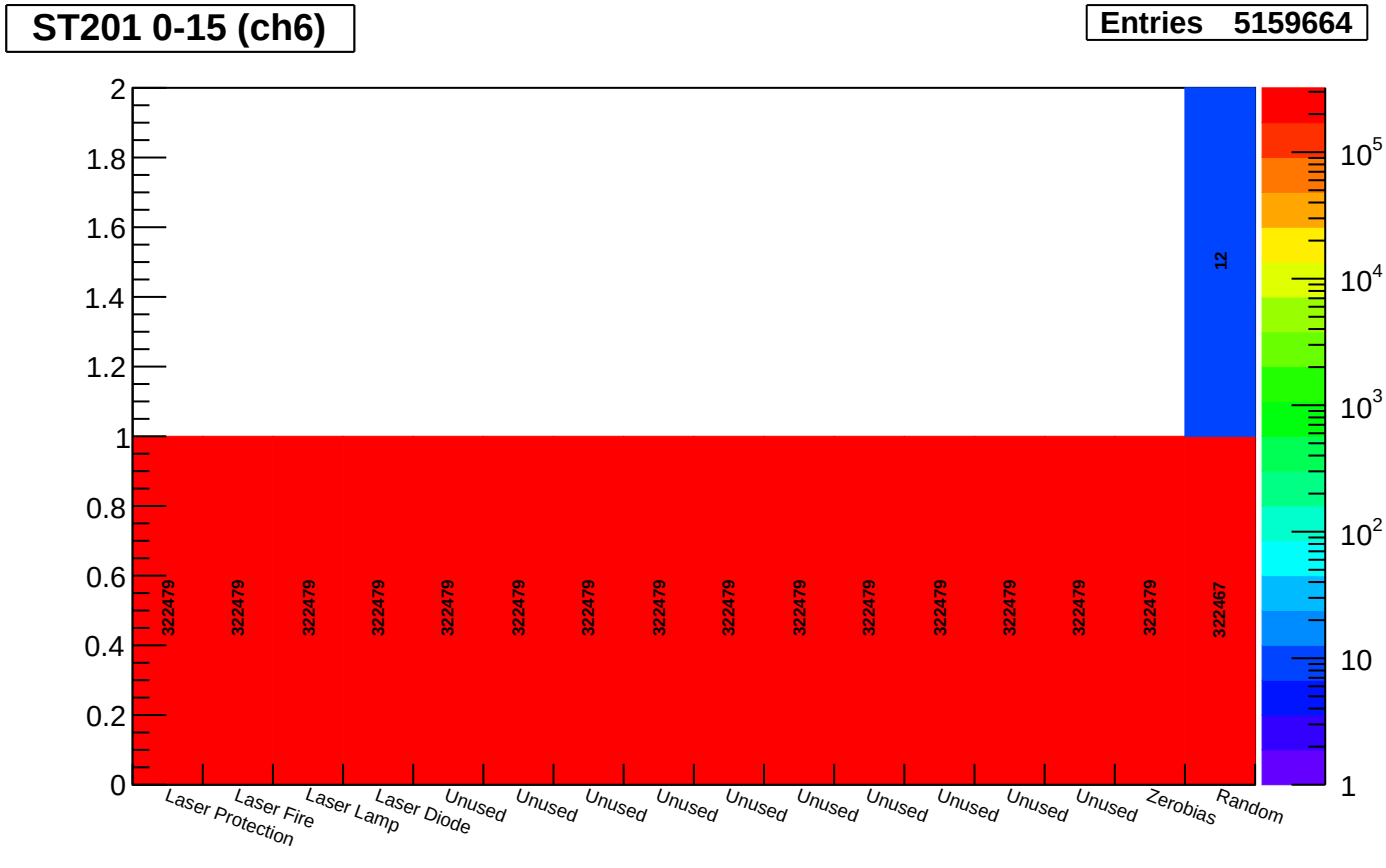

Entries 322479
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

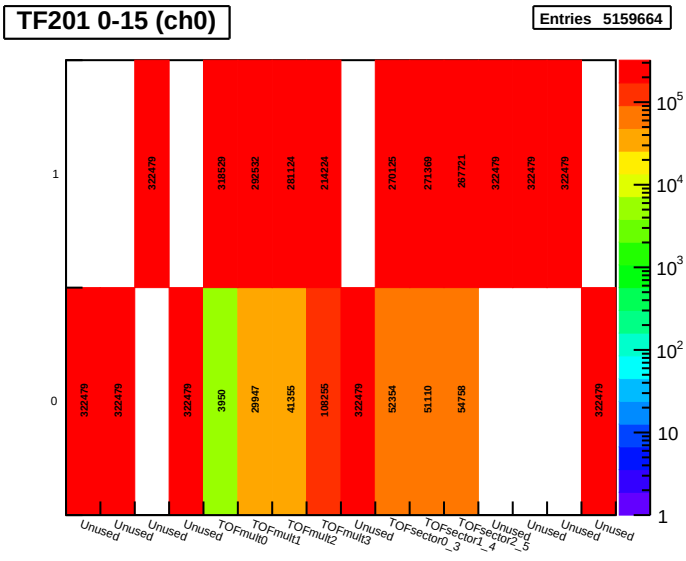

Entries 322479
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

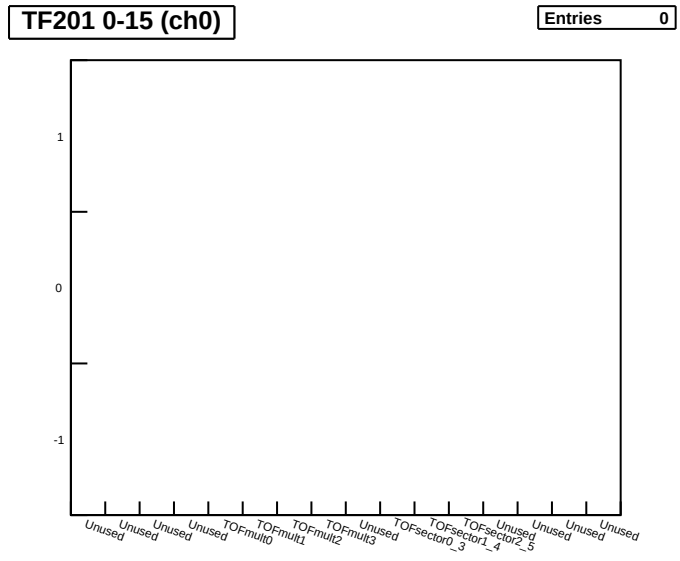

Entries 322479
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

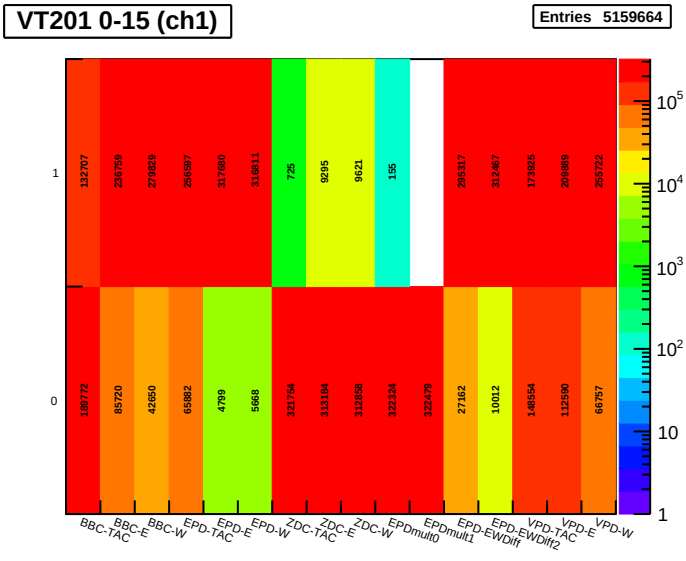

Entries 322479
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

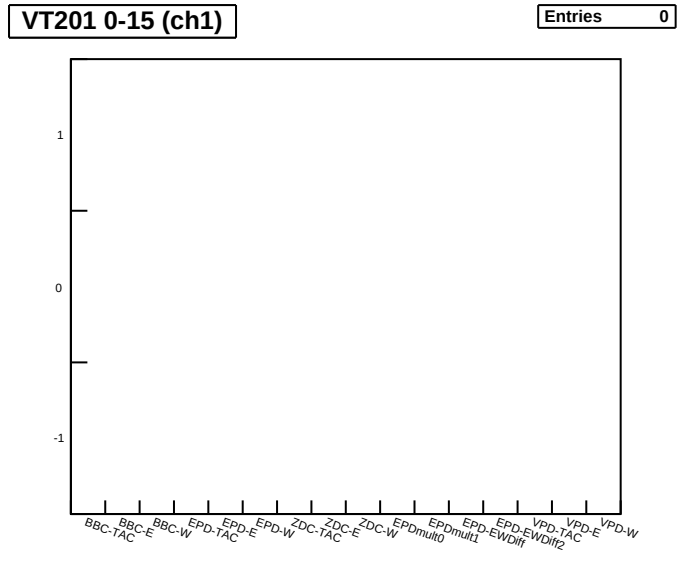

Laser Input Bits
Entries 322479
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

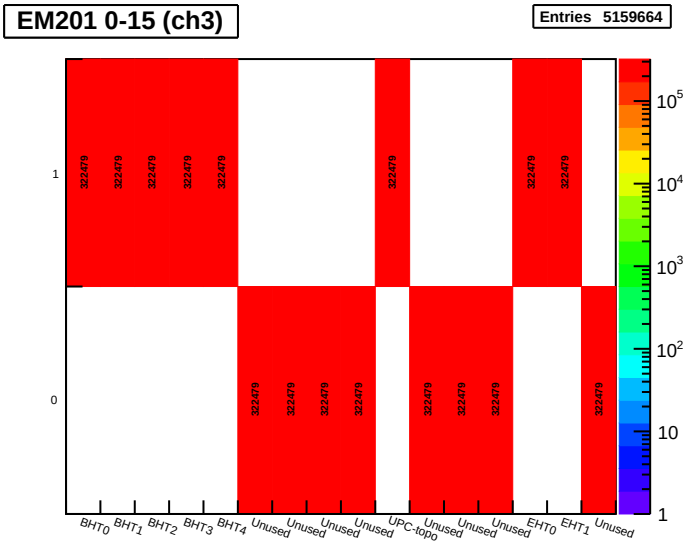

ST201 0-15 (ch6)
Entries 5159664
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
322479
322467
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

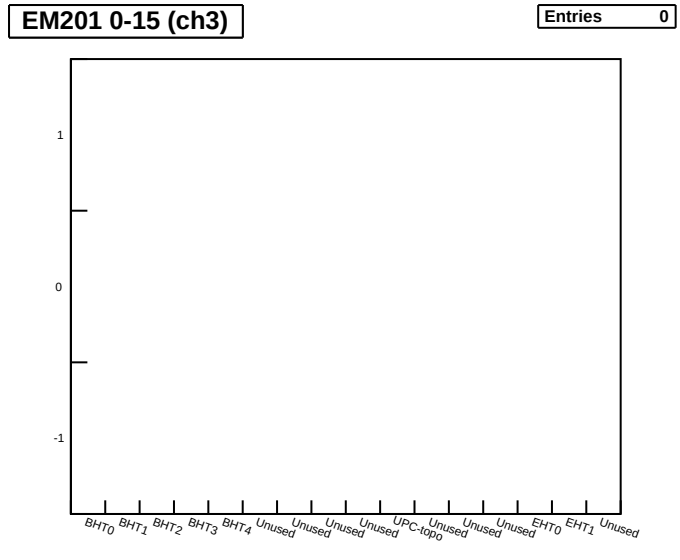

TF201 0-15 (ch0)
Entries 5159664
1
0
322479
318529
292532
281124
214224
270125
271369
267721
322479
322479
322479
322479
322479
322479
3950
29947
41355
108255
322479
52354
51110
54758
322479
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5159664
1
0
132707
236759
279829
256997
317680
316811
725
9295
9621
155
295317
312467
173925
209899
255722
188772
85720
42650
65882
4799
5668
321754
313184
312858
322324
322479
27162
10012
148554
112590
66757
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 5159664
1
0
322479
322479
322479
322479
322479
322479
322479
322479
322479
322479
322479
322479
322479
322479
322479
322479
322479
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