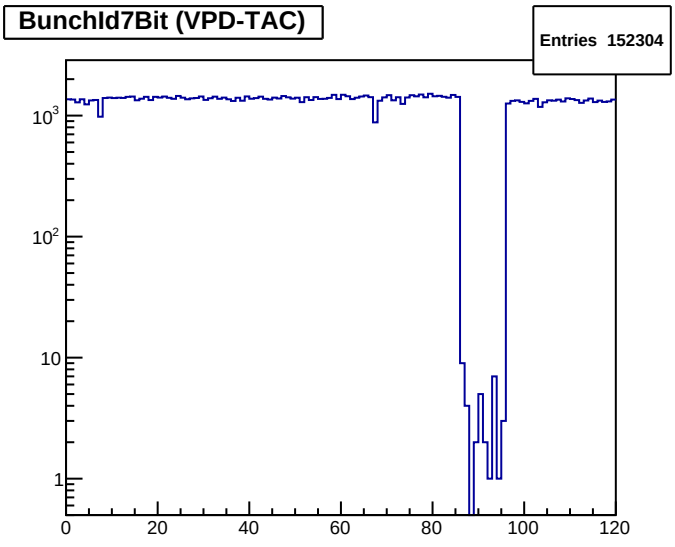
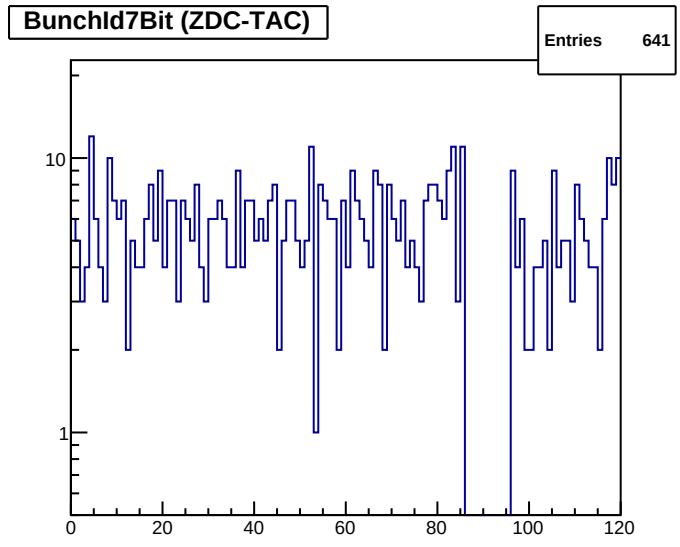
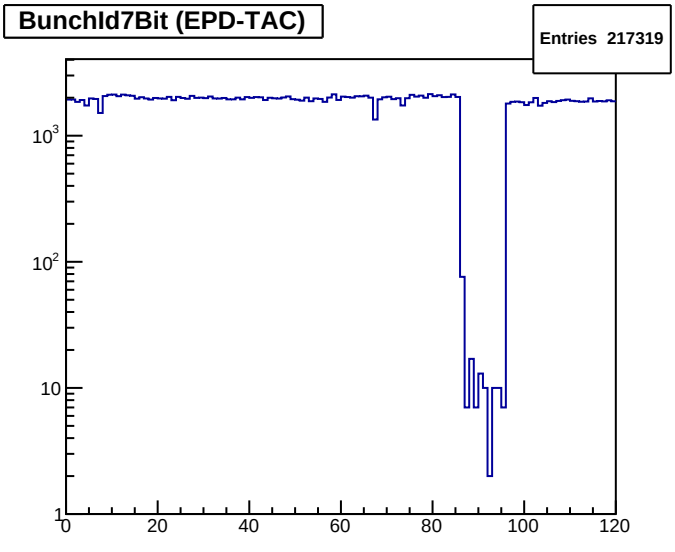
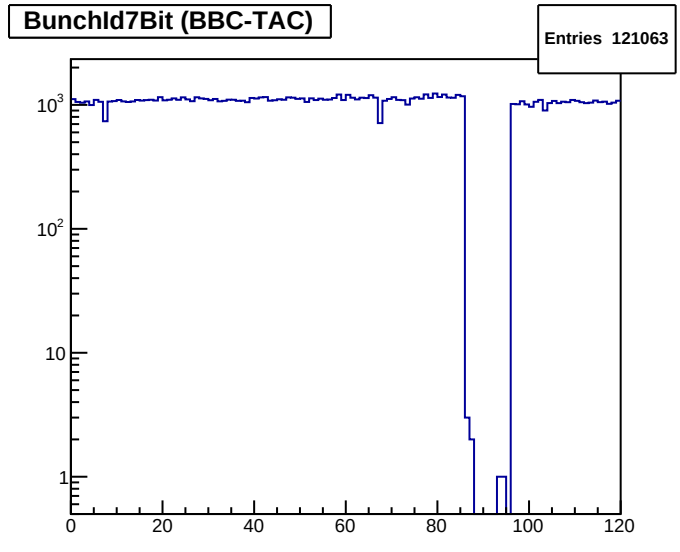
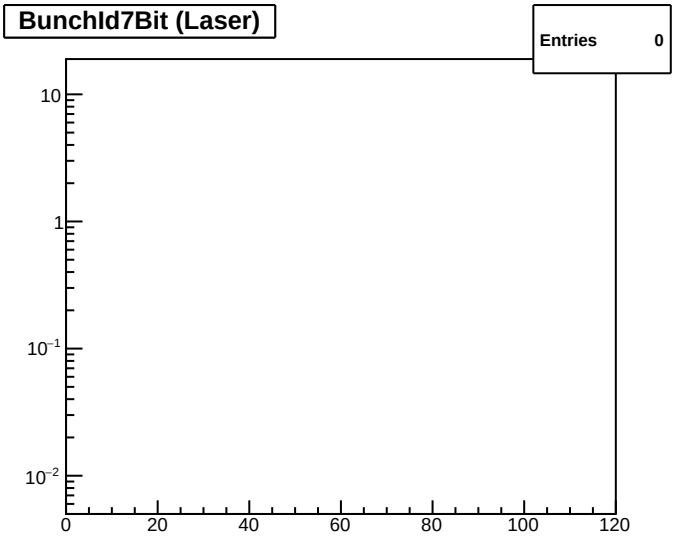
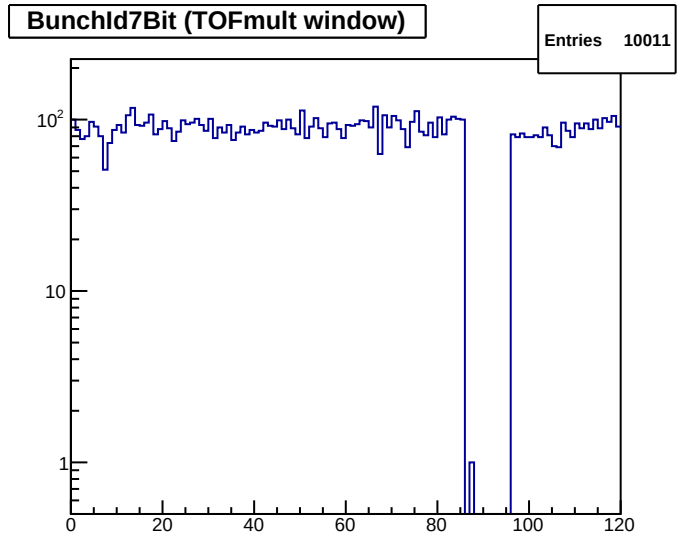

BunchId7Bit (VPD-TAC)
Entries 152304

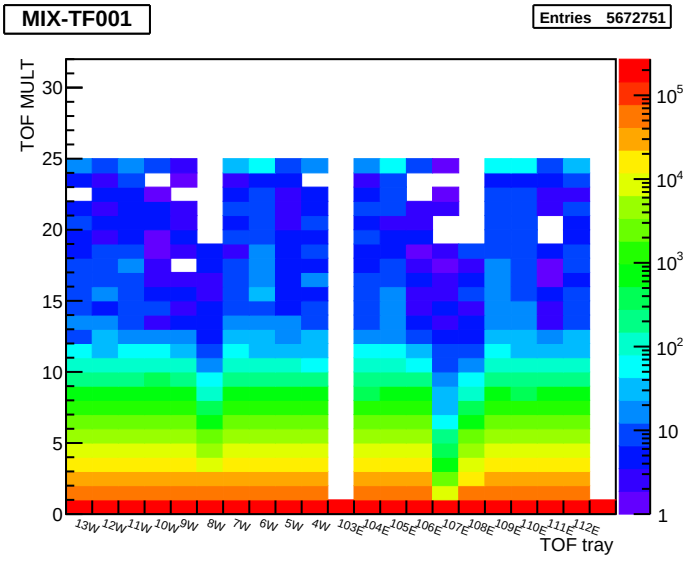

BunchId7Bit (ZDC-TAC)
Entries 641

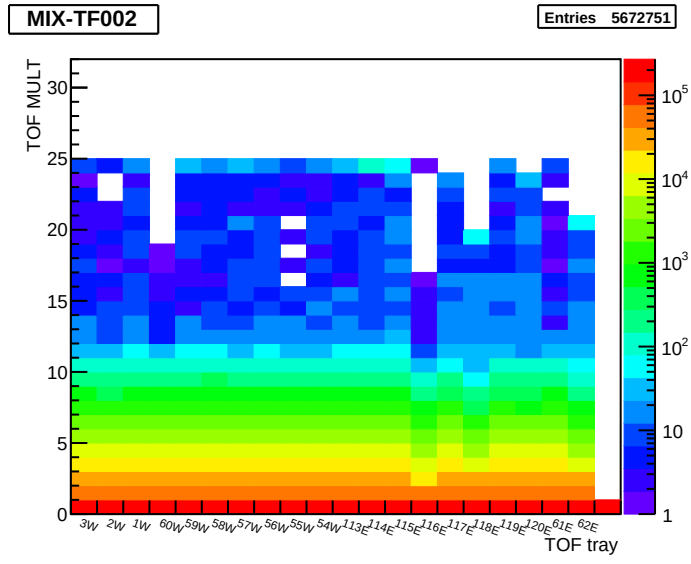

BunchId7Bit (EPD-TAC)
Entries 217319

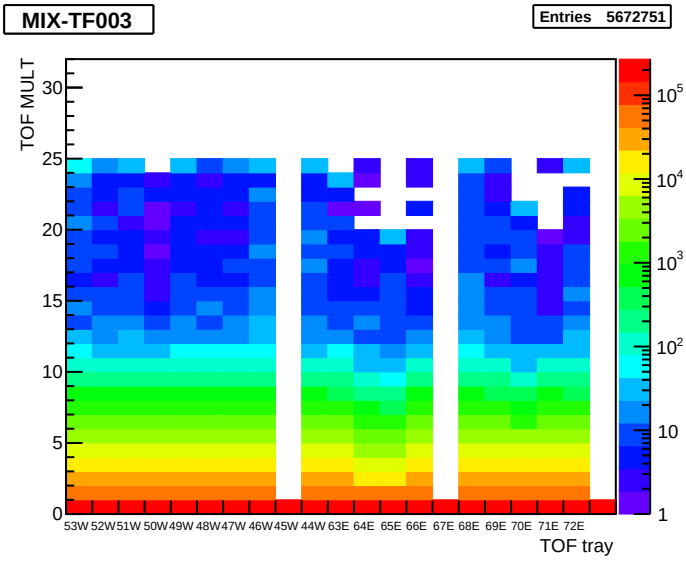

BunchId7Bit (BBC-TAC)
Entries 121063

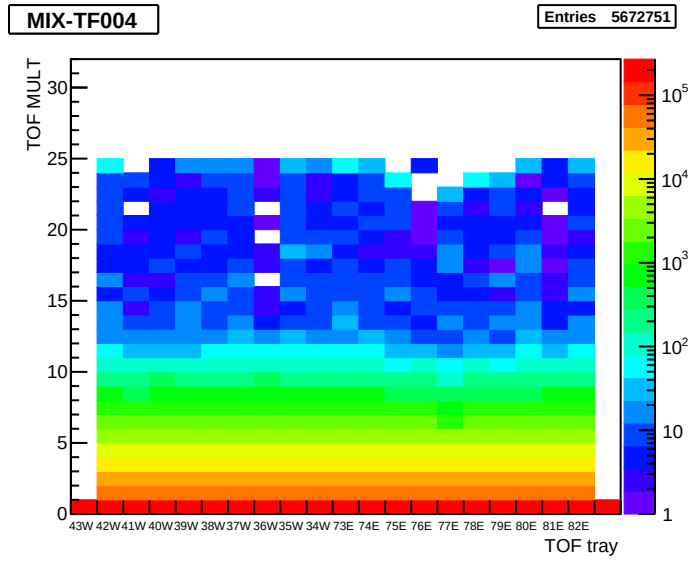

BunchId7Bit (Laser)
Entries 0

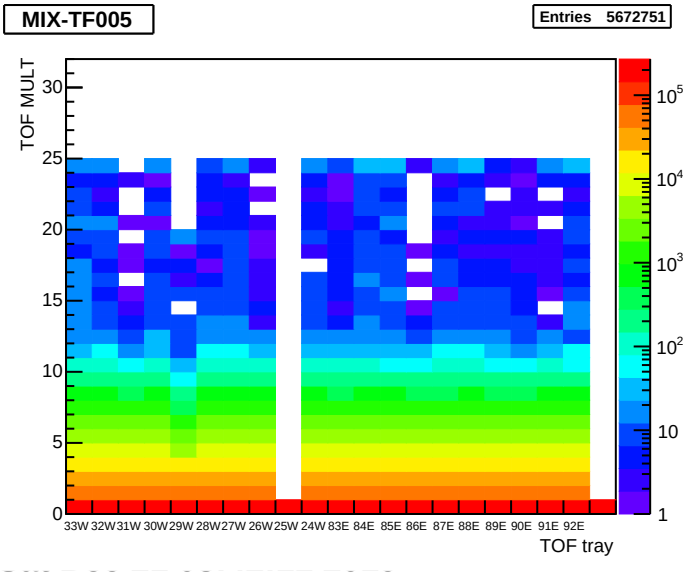

BunchId7Bit (TOFmult window)
Entries 10011

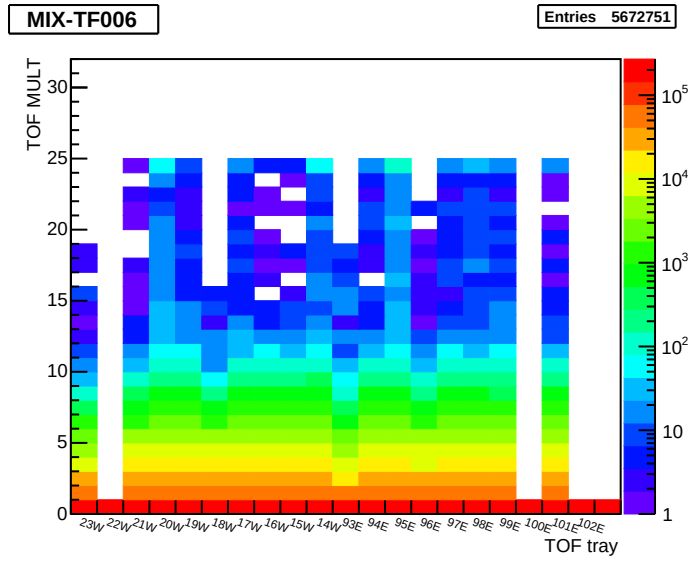

MIX-TF001
Entries 5672751
TOF MULT
TOF tray

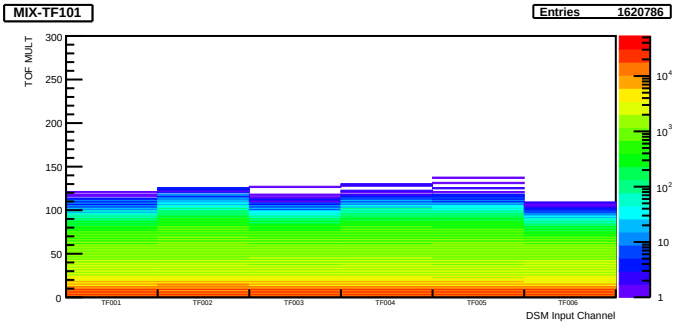

MIX-TF002
Entries 5672751
TOF MULT
TOF tray

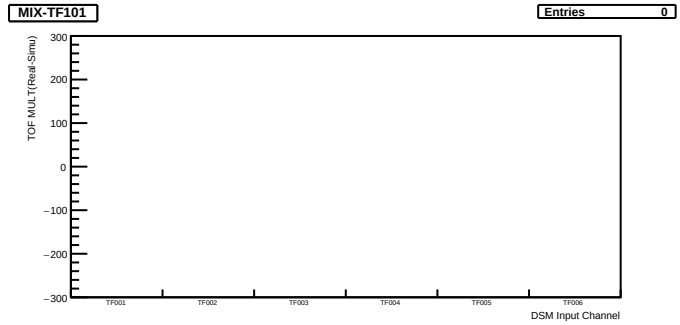

MIX-TF003
Entries 5672751
TOF MULT
TOF tray

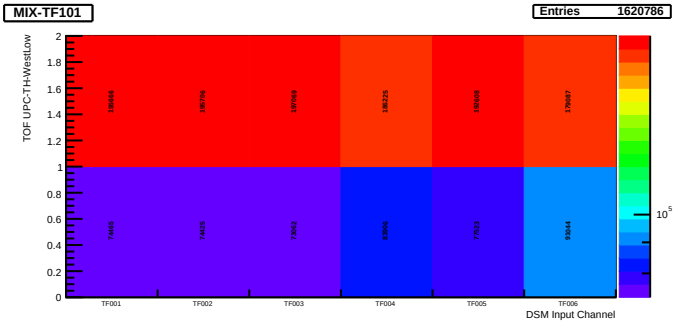

MIX-TF004
Entries 5672751
TOF MULT
TOF tray

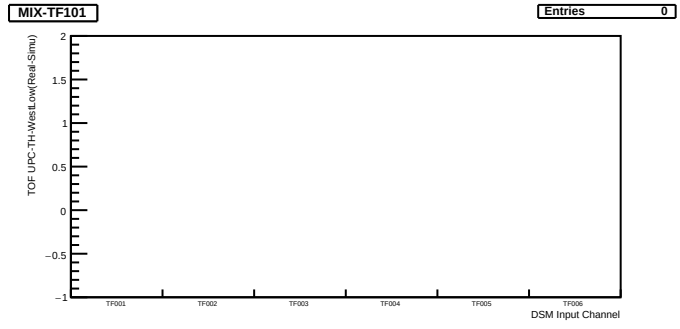

MIX-TF005
Entries 5672751
TOF MULT
TOF tray

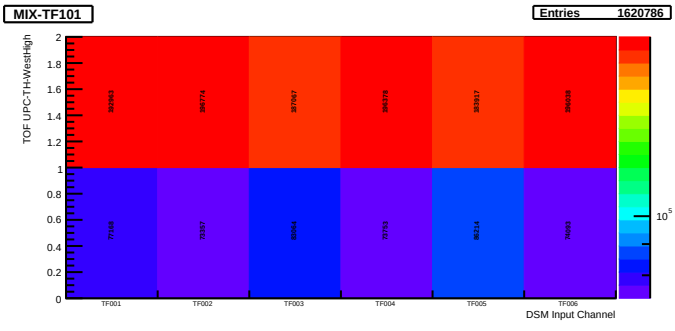

MIX-TF006
Entries 5672751
TOF MULT
TOF tray

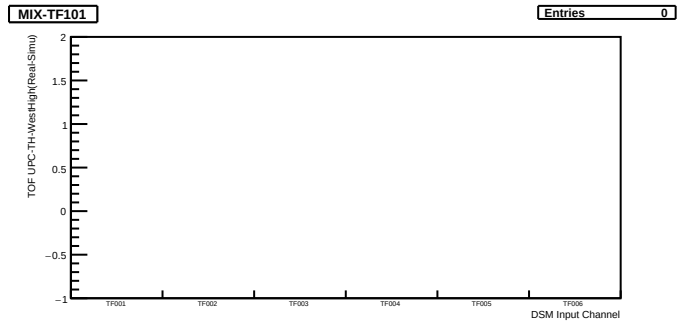

MIX-TF101
Entries 1620786
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

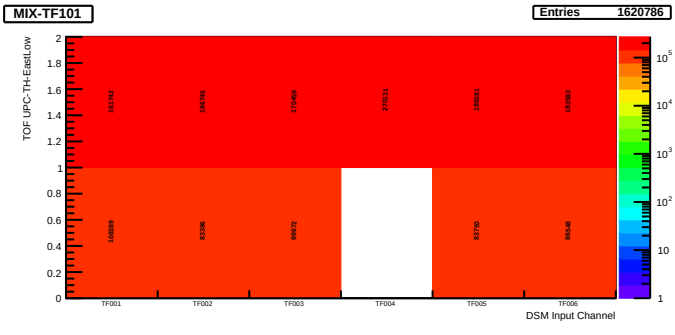

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

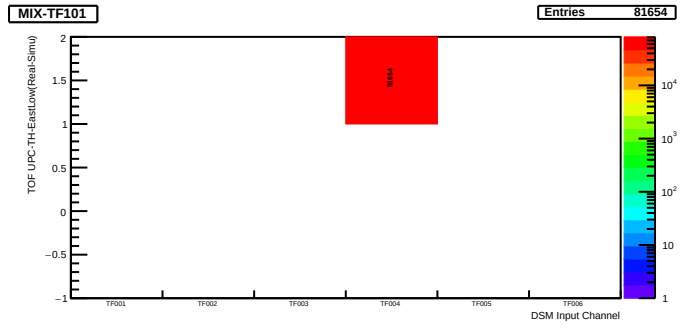

MIX-TF101
Entries 1620786
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

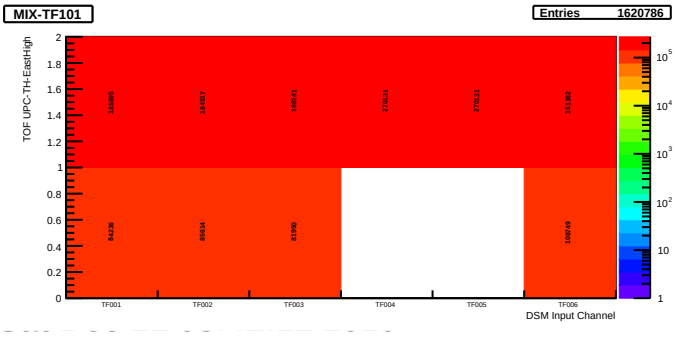

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

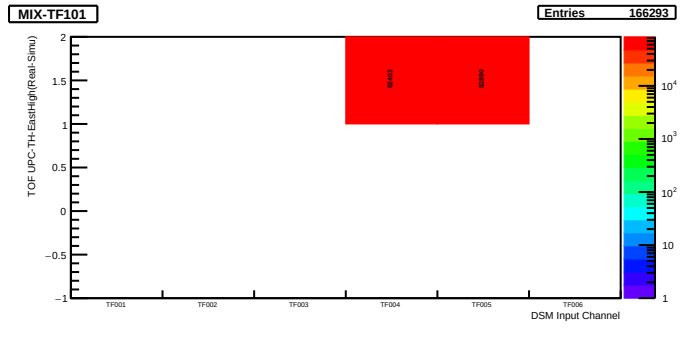

MIX-TF101
Entries 1620786
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

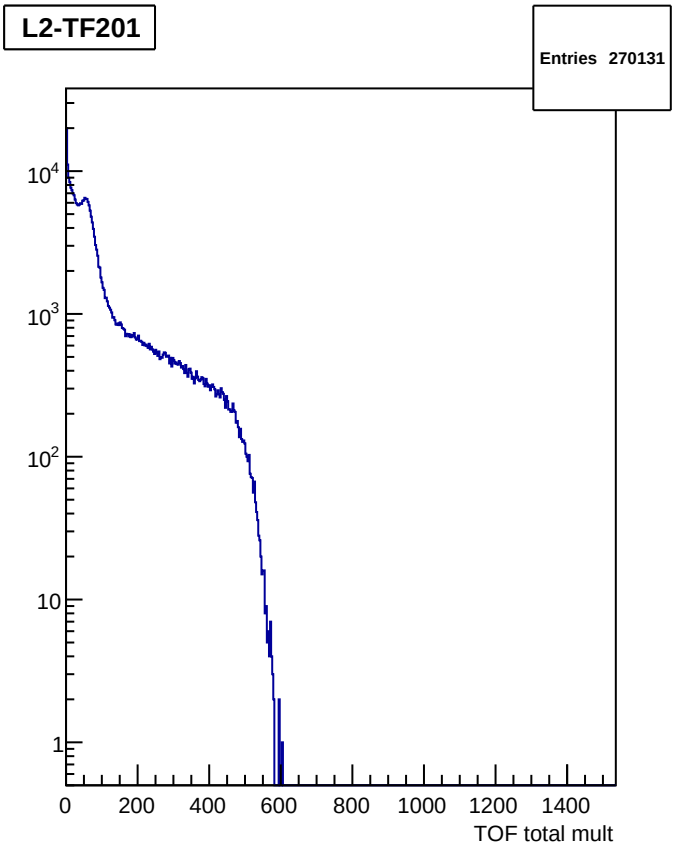

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

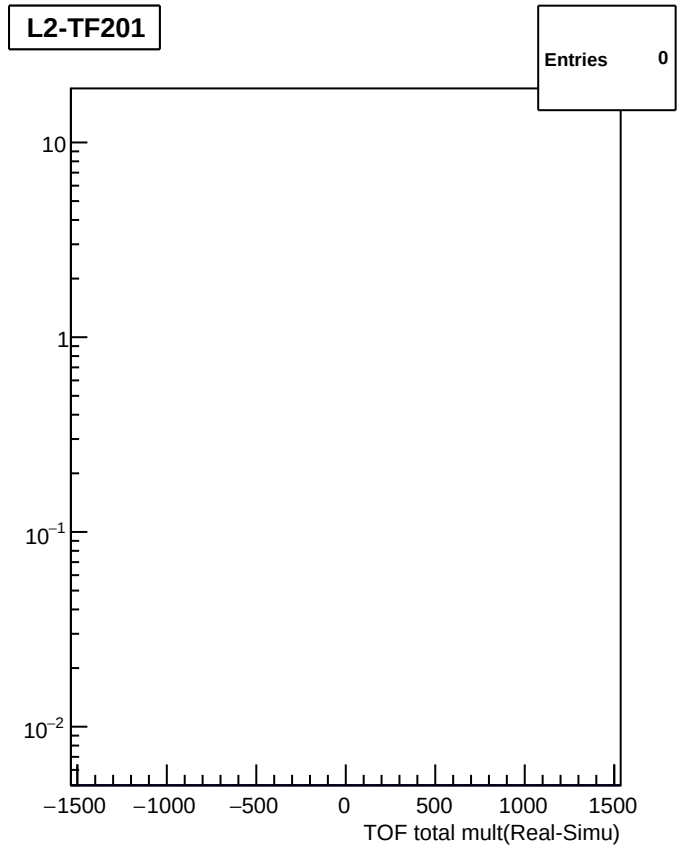

MIX-TF101
Entries 1620786
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

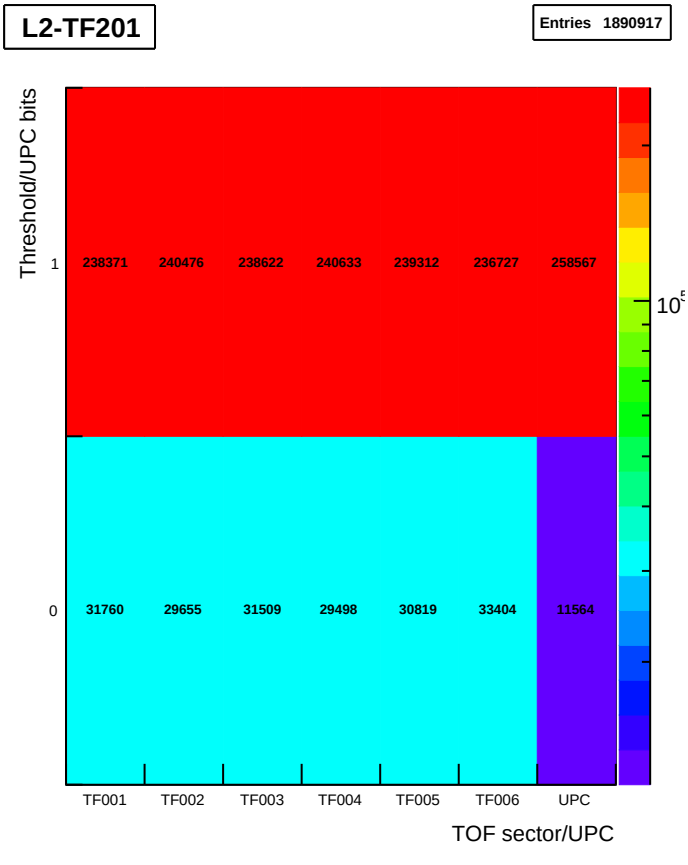

MIX-TF101
Entries 81654
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

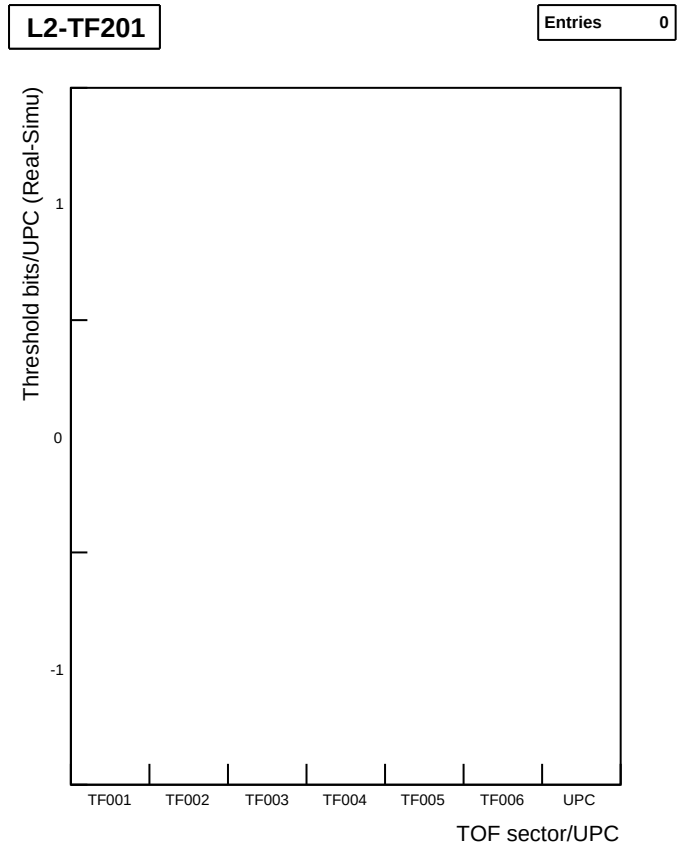

MIX-TF101
Entries 1620786
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

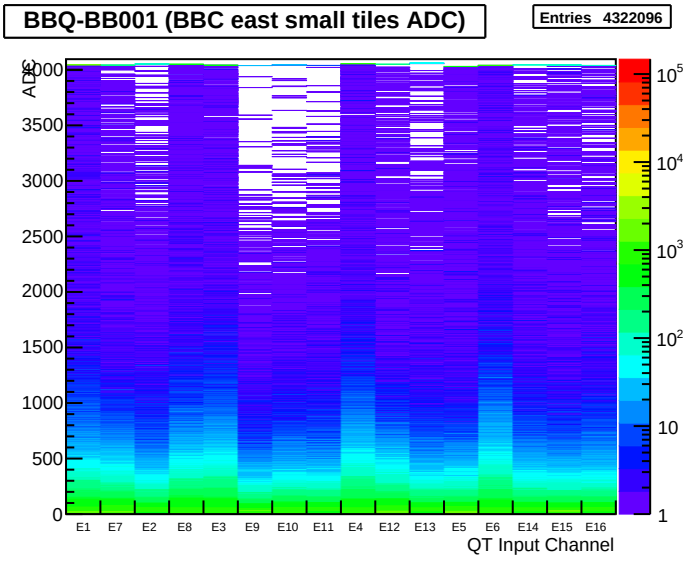

MIX-TF101
Entries 166293
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

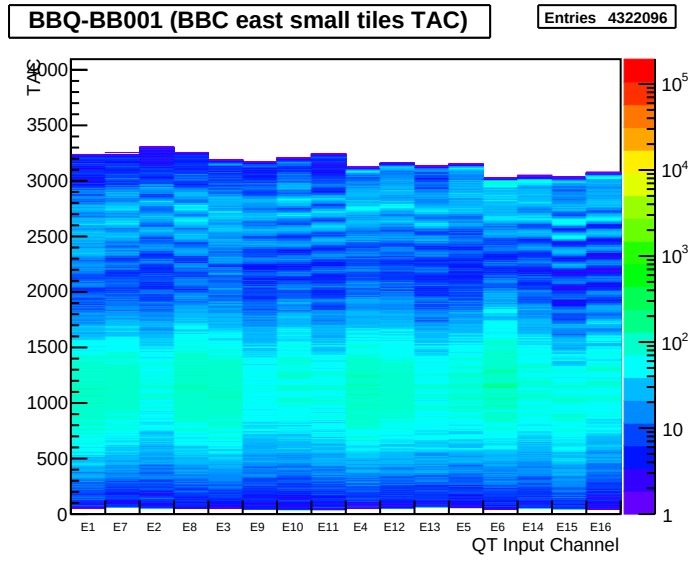

L2-TF201
Entries 270131
TOF total mult

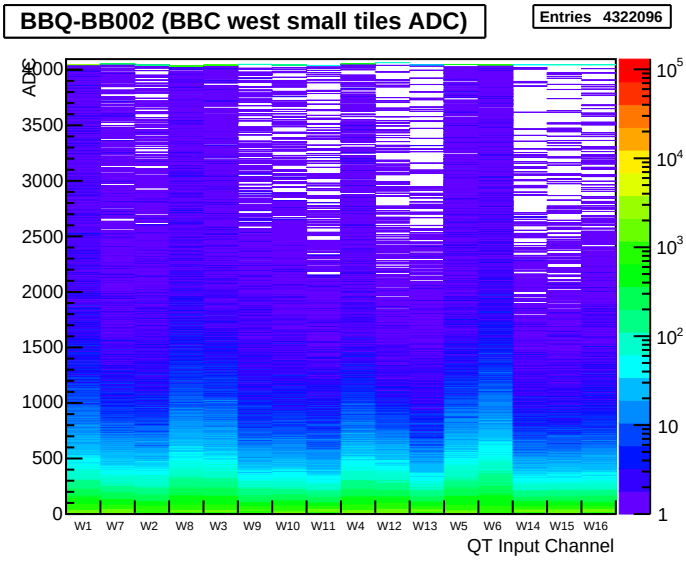

L2-TF201
Entries 0
TOF total mult(Real-Simu)

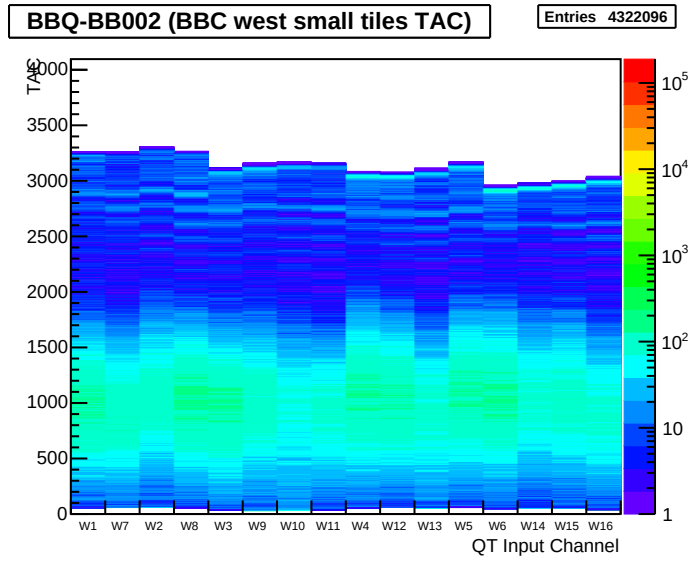

L2-TF201
Entries 1890917
Threshold/UPC bits
238371
240476
238622
240633
239312
236727
258567
31760
29655
31509
29498
30819
33404
11564
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

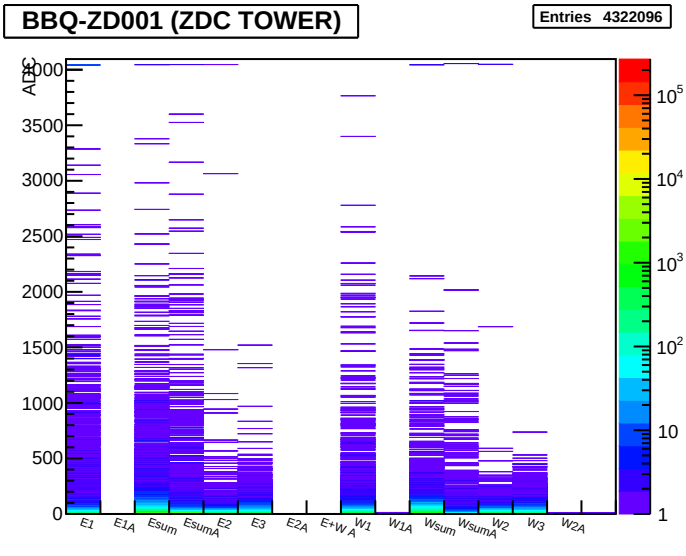

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

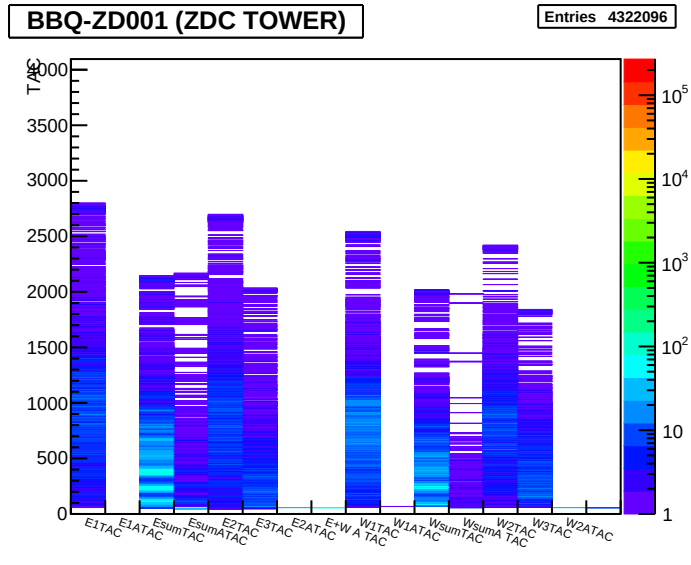

BBQ-BB001 (BBC east small tiles ADC)
Entries 4322096
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

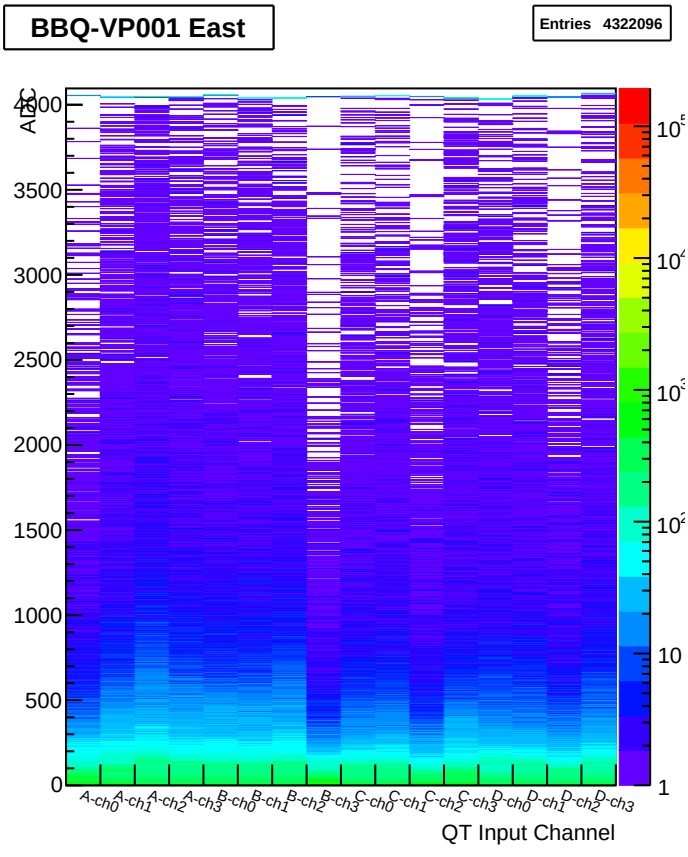

BBQ-BB001 (BBC east small tiles TAC)
Entries 4322096
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

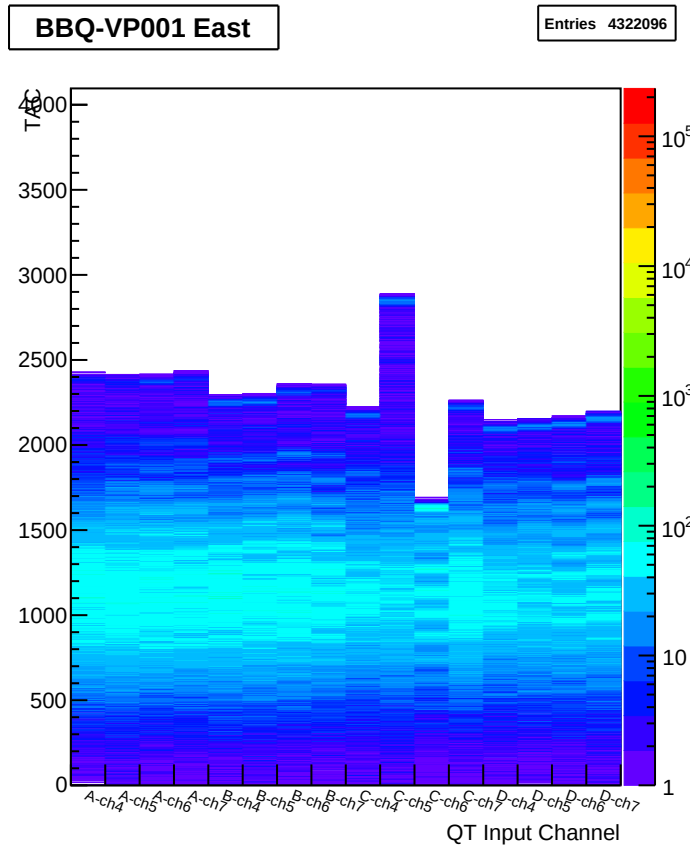

BBQ-BB002 (BBC west small tiles ADC)
Entries 4322096
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

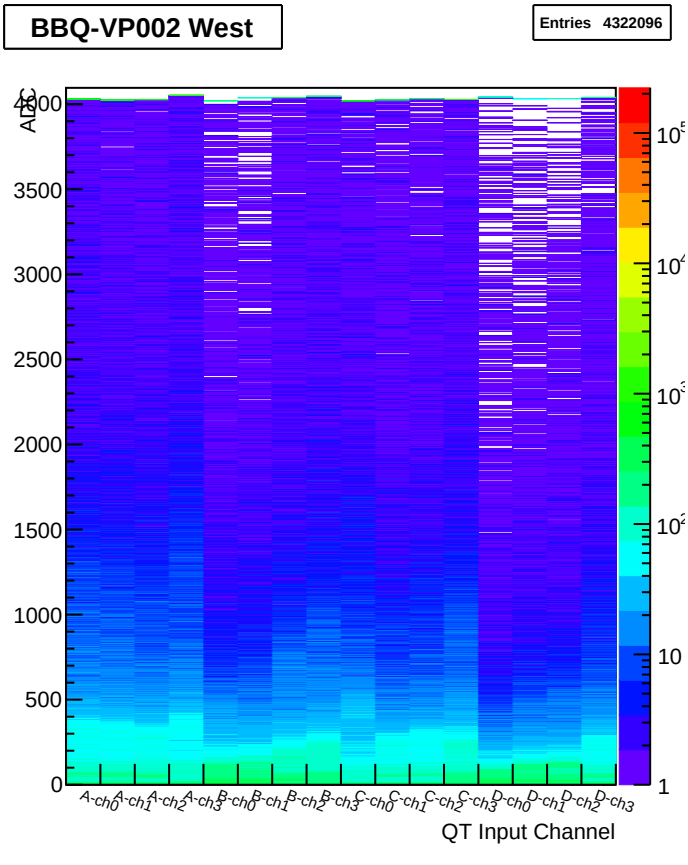

BBQ-BB002 (BBC west small tiles TAC)
Entries 4322096
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

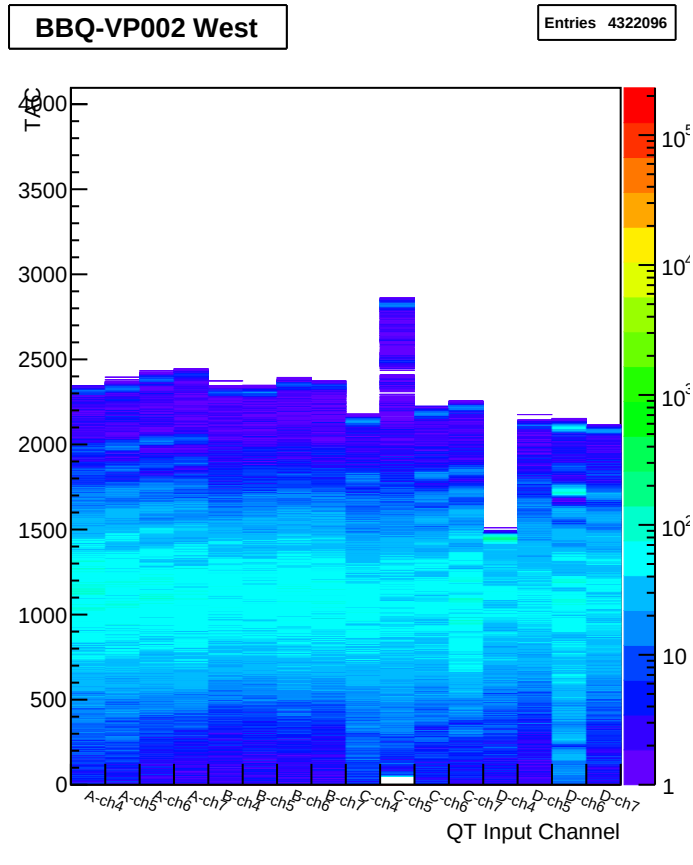

BBQ-ZD001 (ZDC TOWER)
Entries 4322096
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

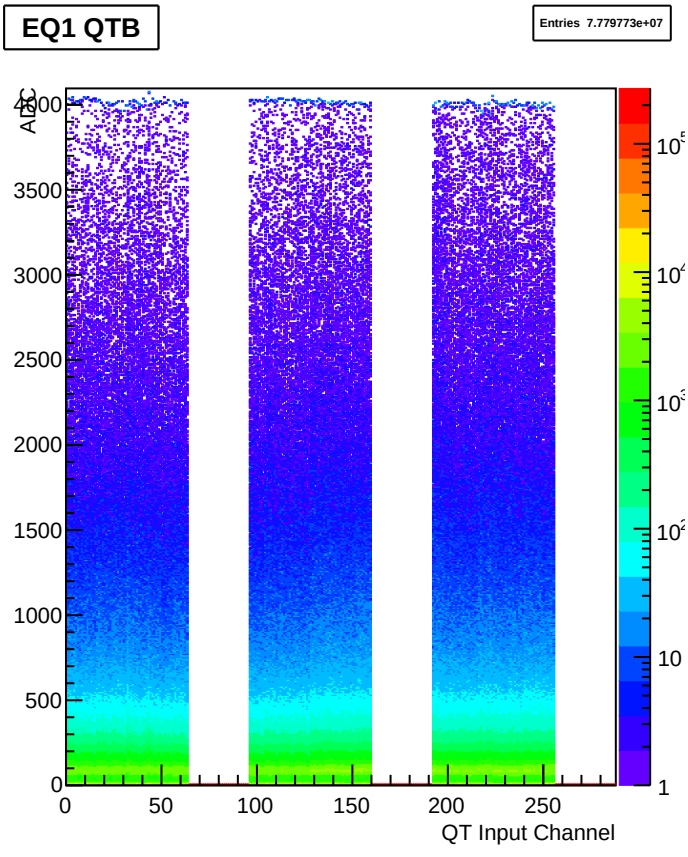

BBQ-ZD001 (ZDC TOWER)
Entries 4322096
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

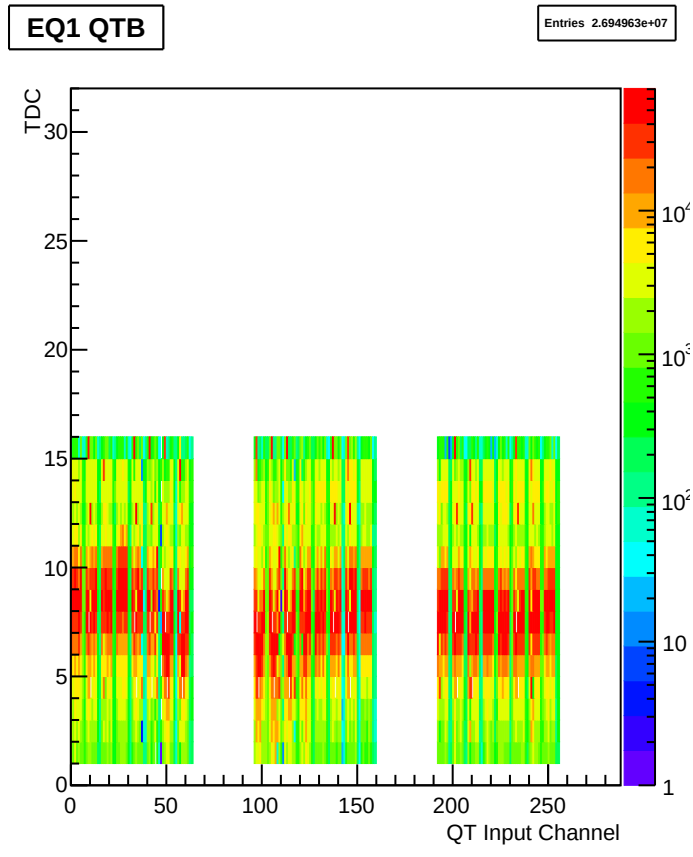

BBQ-VP001 East
Entries 4322096
ADC
QT Input Channel

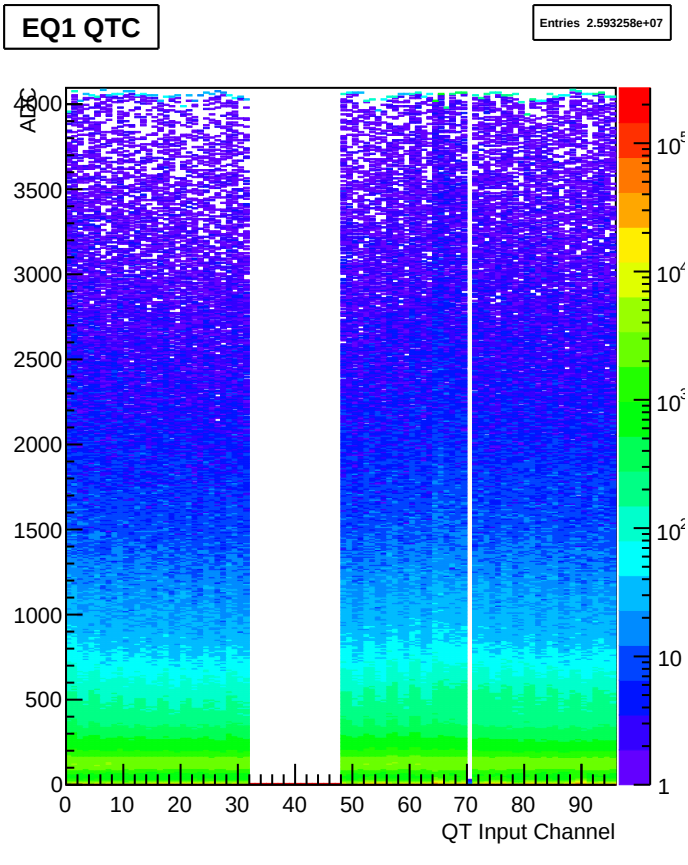

BBQ-VP001 East
Entries 4322096
TADC
QT Input Channel

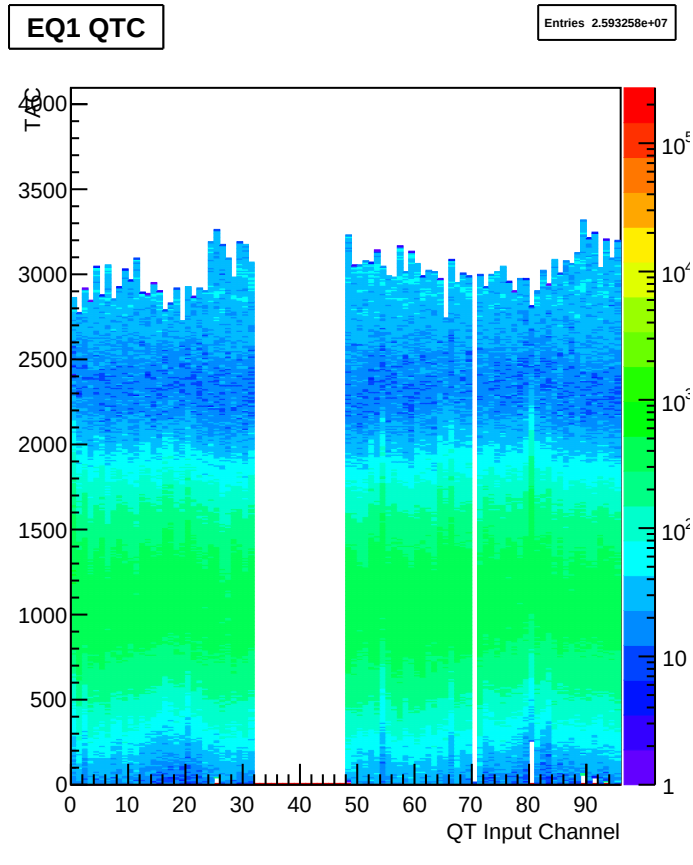

BBQ-VP002 West
Entries 4322096
ADC
QT Input Channel

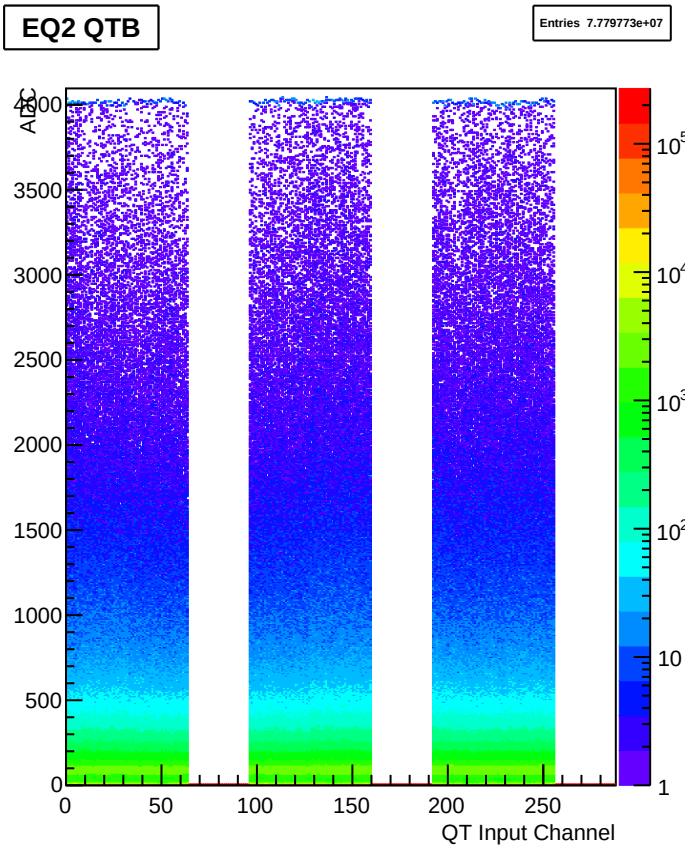

BBQ-VP002 West
Entries 4322096
TADC
QT Input Channel

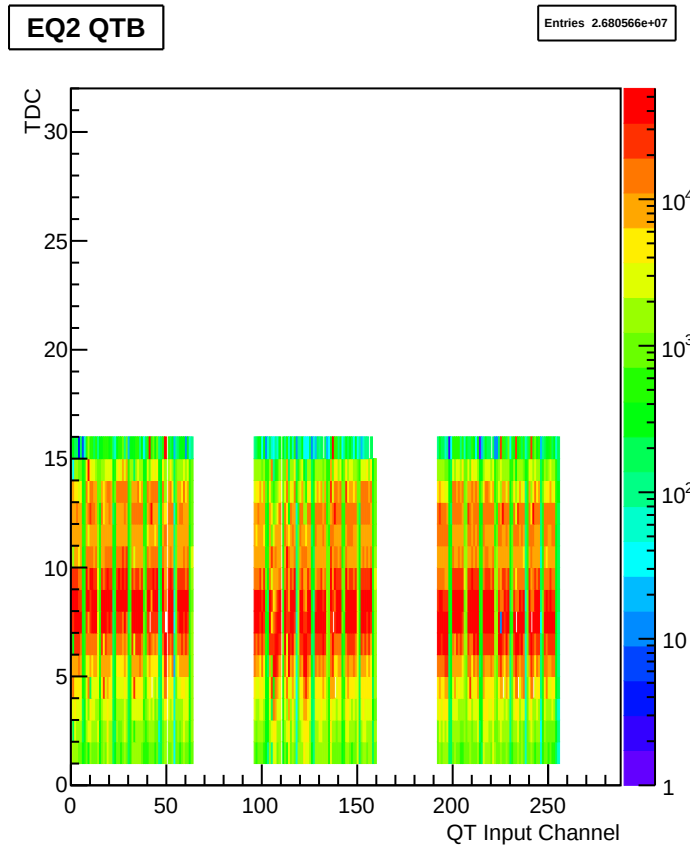

EQ1 QTB
Entries 7.779773e+07
ADC
QT Input Channel

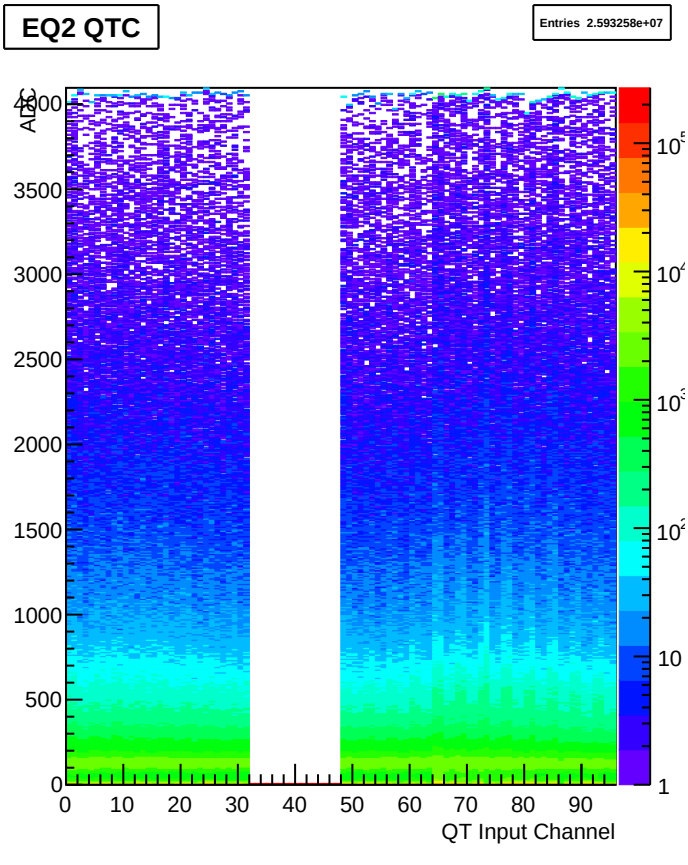

EQ1 QTB
Entries 2.694963e+07
TDC
QT Input Channel

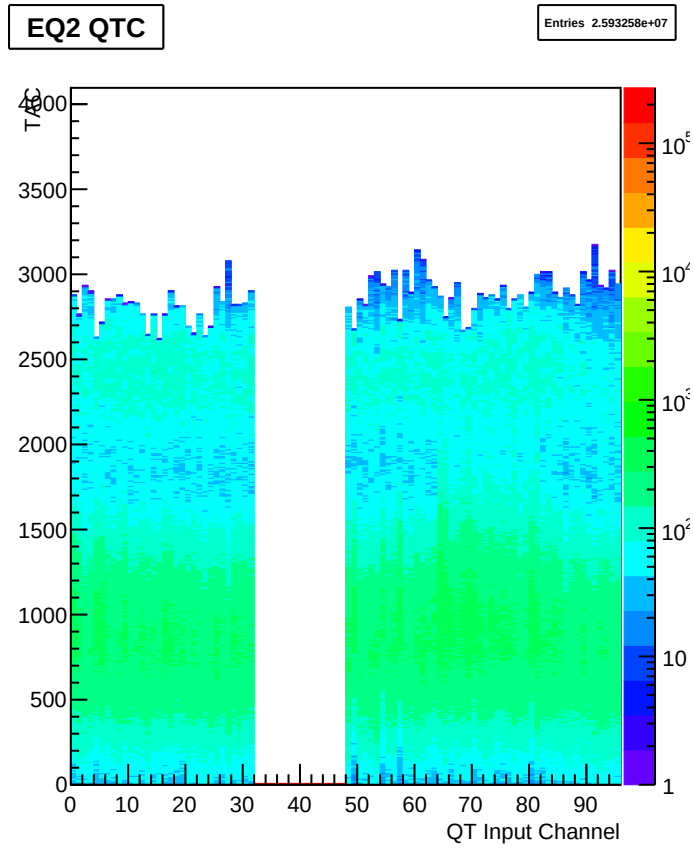

EQ1 QTC
Entries 2.593258e+07
ADC
QT Input Channel

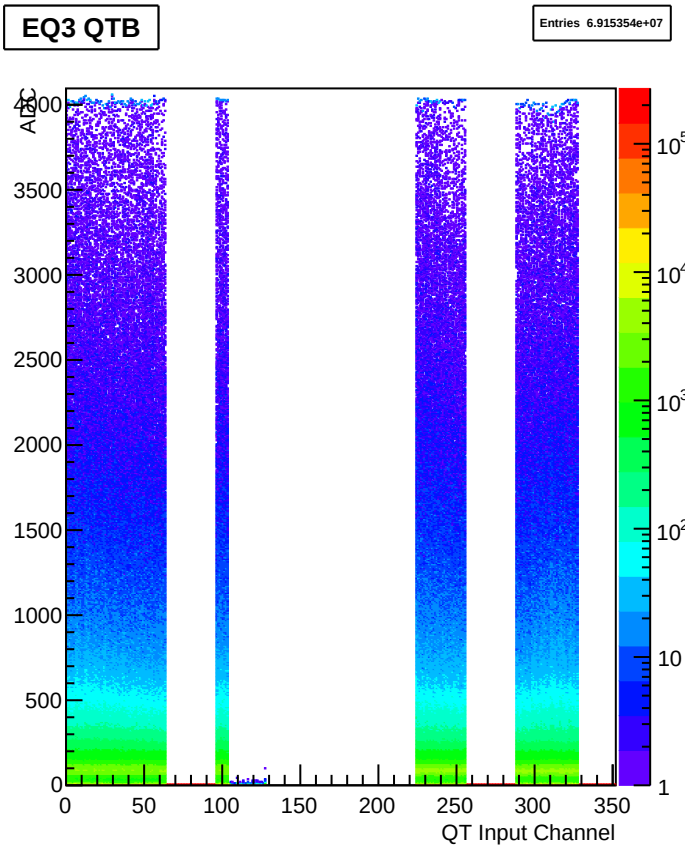

EQ1 QTC
Entries 2.593258e+07
TADC
QT Input Channel

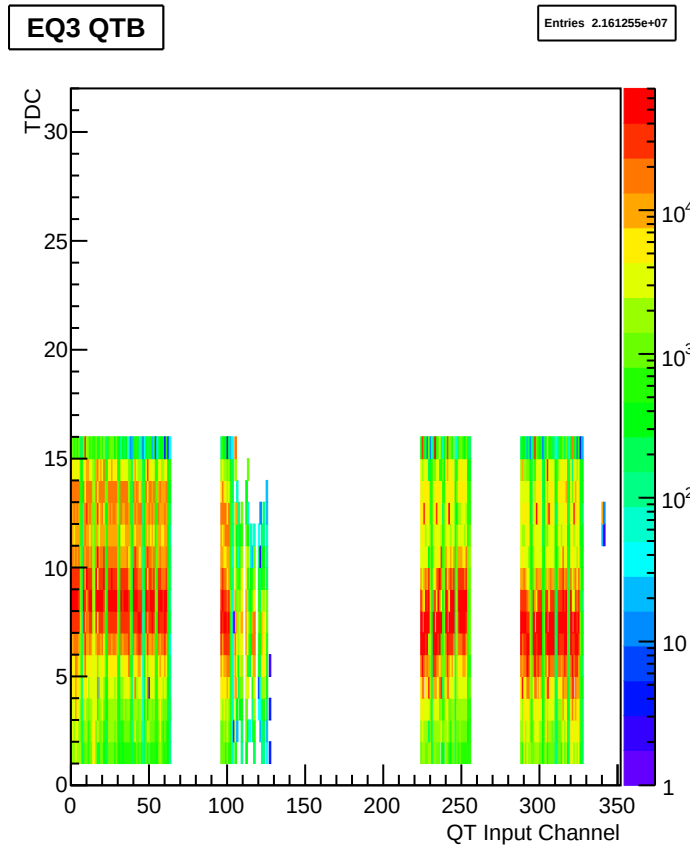

EQ2 QTB
Entries 7.779773e+07
ADC
QT Input Channel

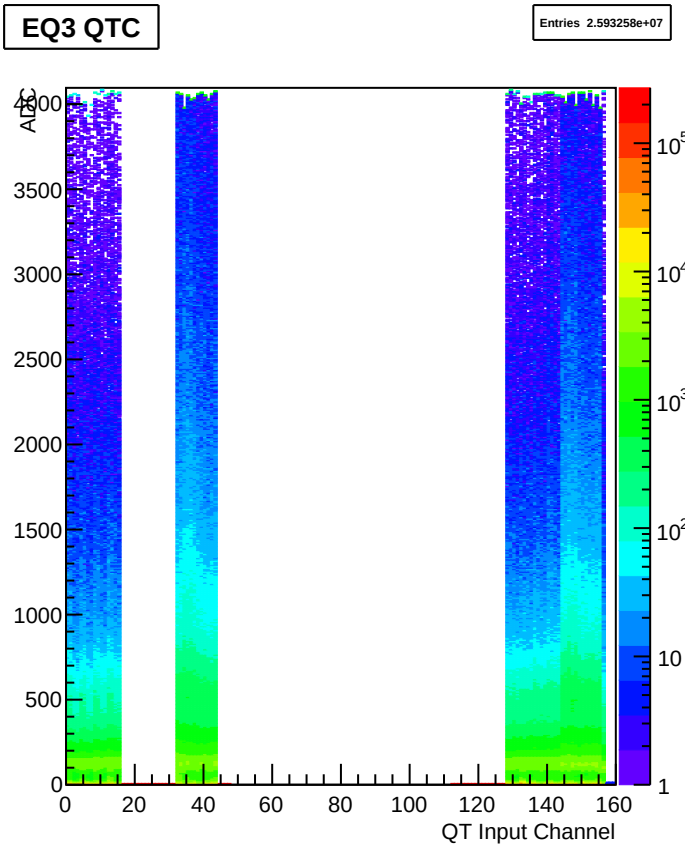

EQ2 QTB
Entries 2.680566e+07
TDC
QT Input Channel

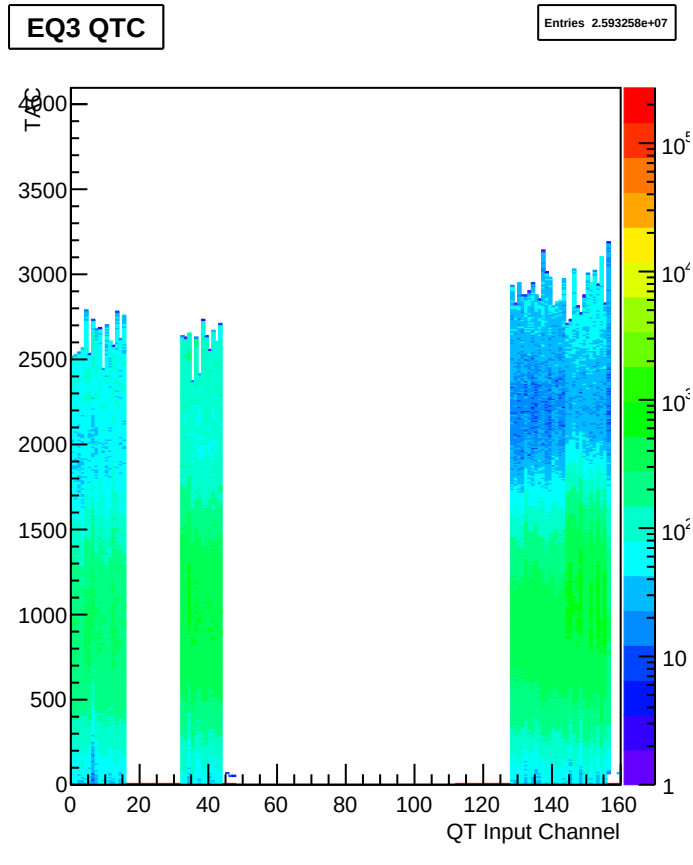

EQ2 QTC
Entries 2.593258e+07
ADC
QT Input Channel

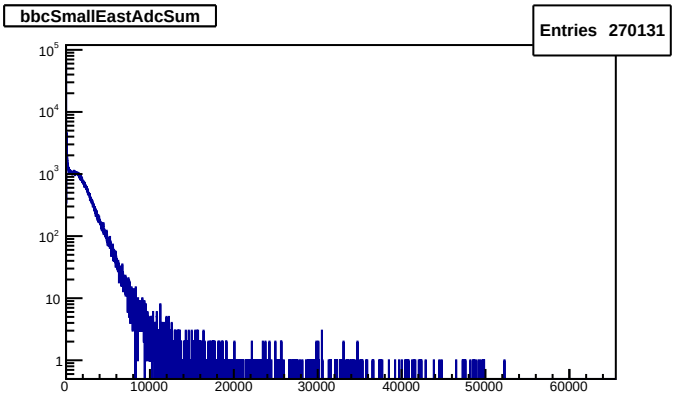

EQ2 QTC
Entries 2.593258e+07
TADC
QT Input Channel

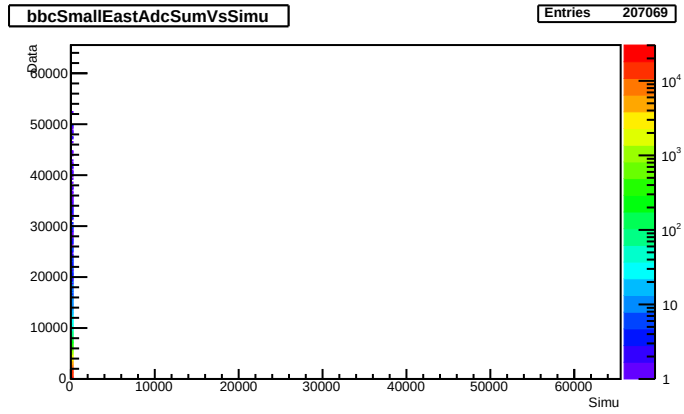

EQ3 QTB
Entries 6.915354e+07
ADC
QT Input Channel

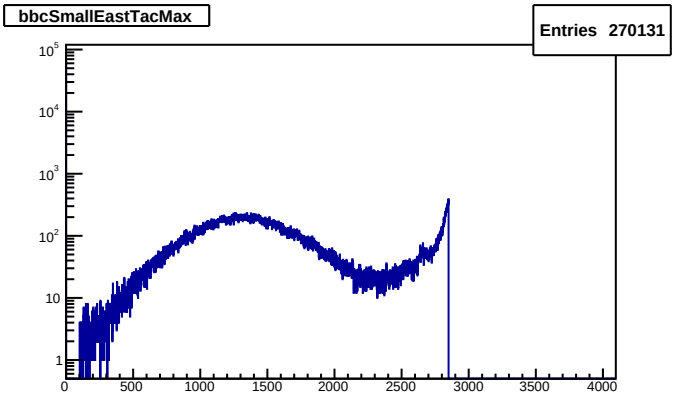

EQ3 QTB
Entries 2.161255e+07
TDC
QT Input Channel

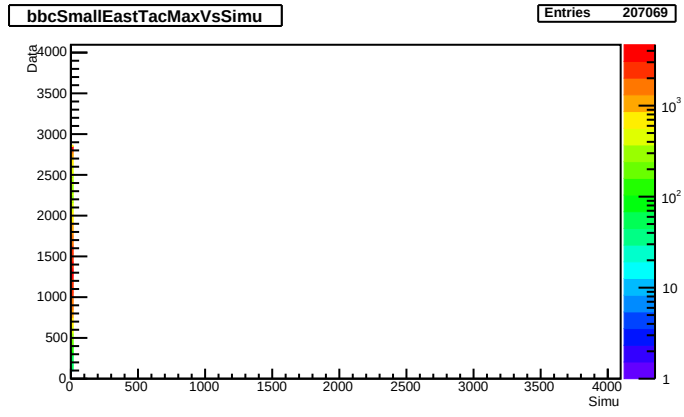

EQ3 QTC
Entries 2.593258e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.593258e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 270131


bbcSmallEastAdcSumVsSimu
Entries 207069
Data
Simu


bbcSmallEastTacMax
Entries 270131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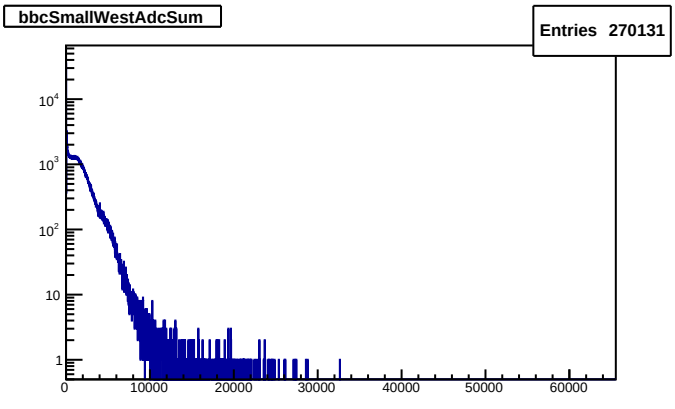
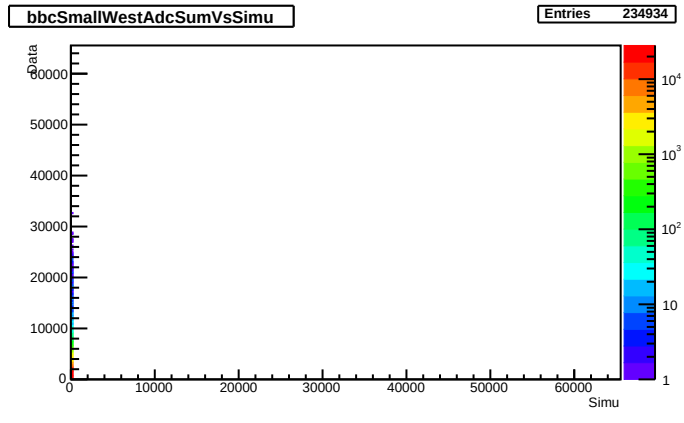
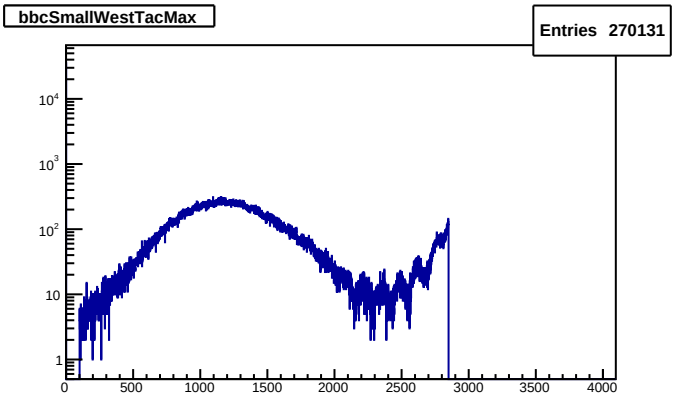
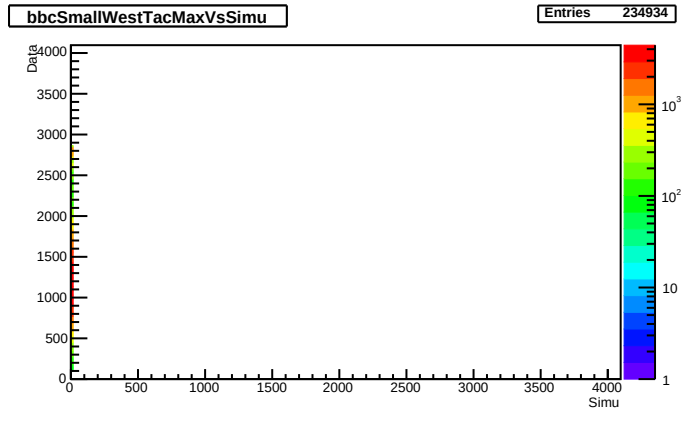
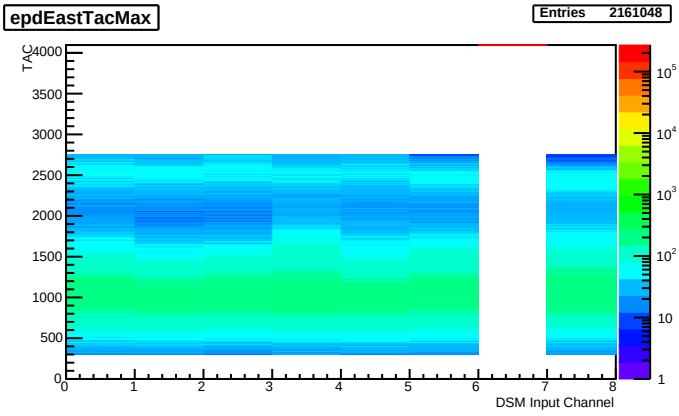
Entries 207069
Data
Simu

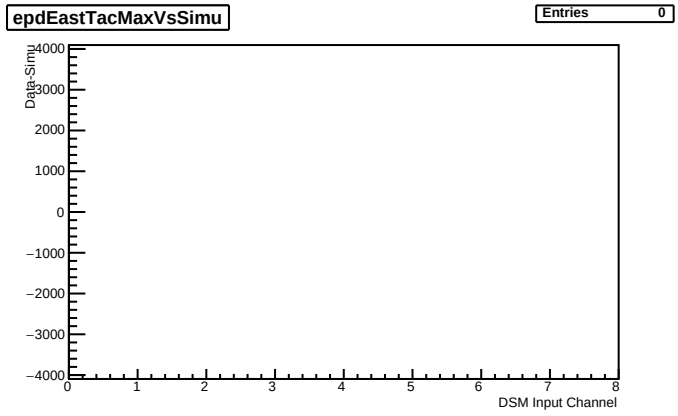

bbcSmallWestAdcSum
Entries 270131

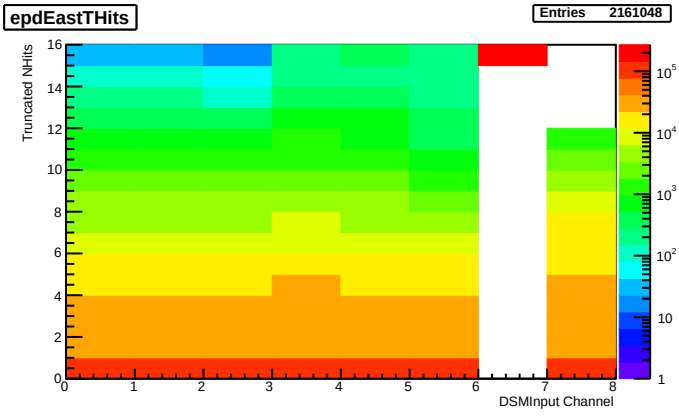

bbcSmallWestAdcSumVsSimu
Entries 234934
Data
Simu

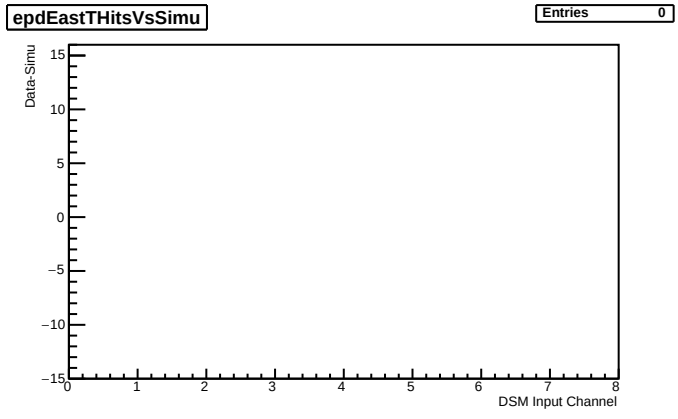

bbcSmallWestTacMax
Entries 270131


bbcSmallWestTacMaxVsSimu
Entries 234934
Data
Simu


epdEastTacMax
Entries 2161048
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2161048
Truncated NHits
DSMInput Channel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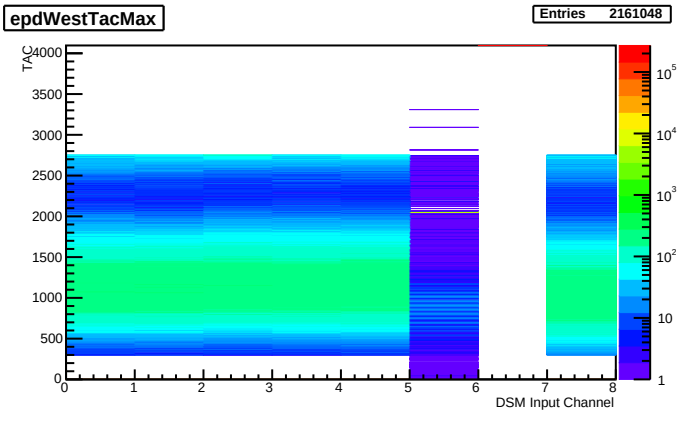
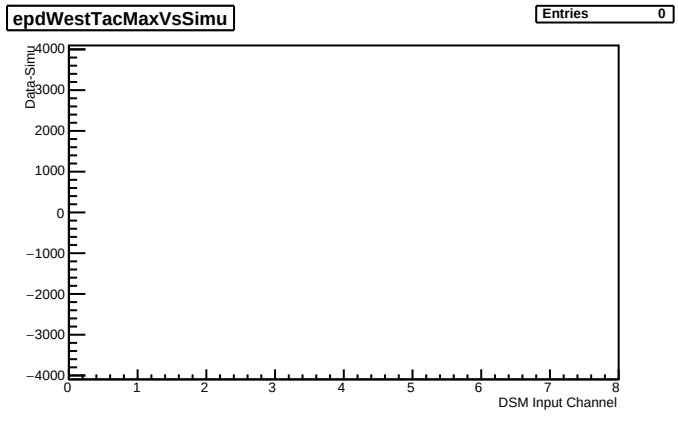
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2161048
TAC
DSM Input Channel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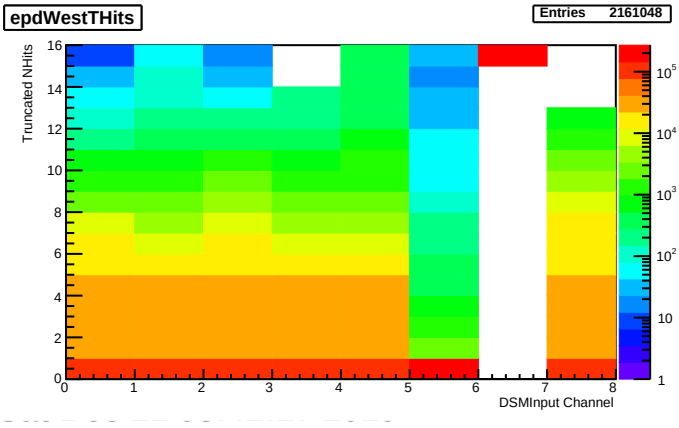
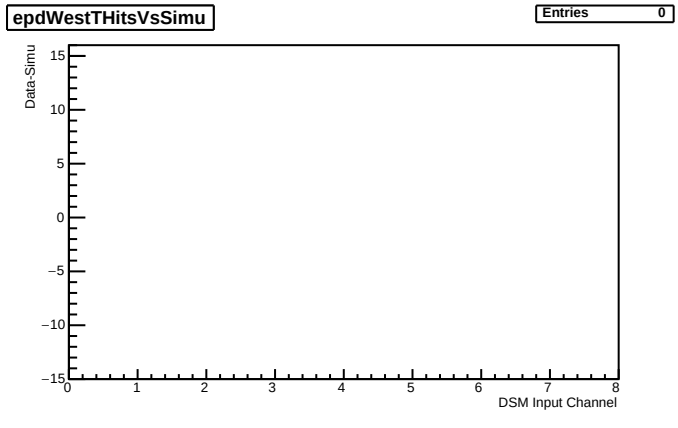
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2161048
Truncated NHits
DSMInput Channel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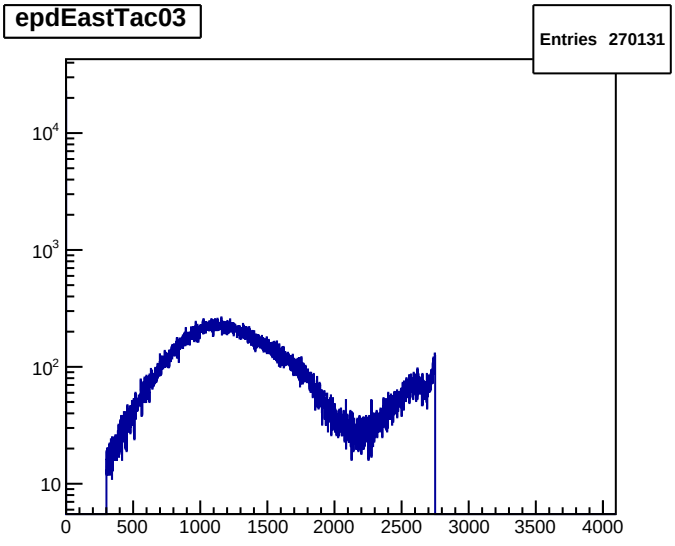
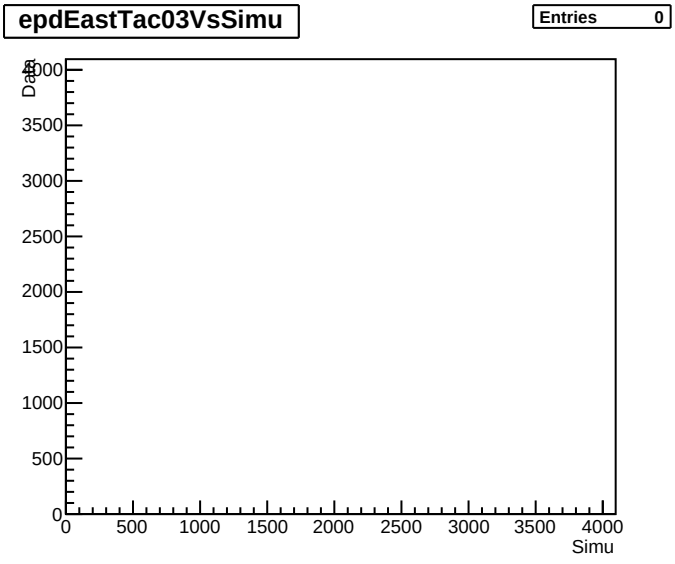
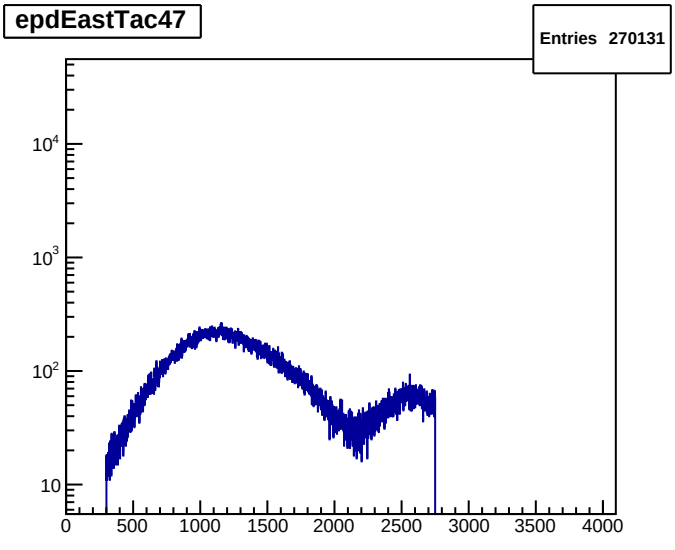
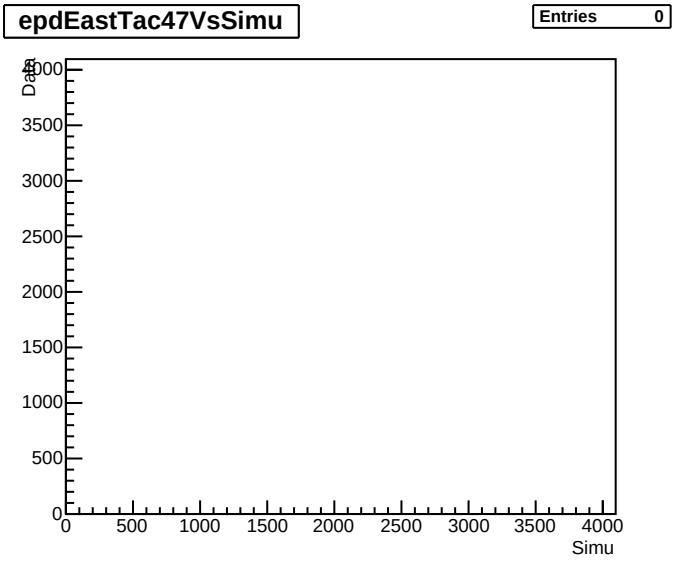
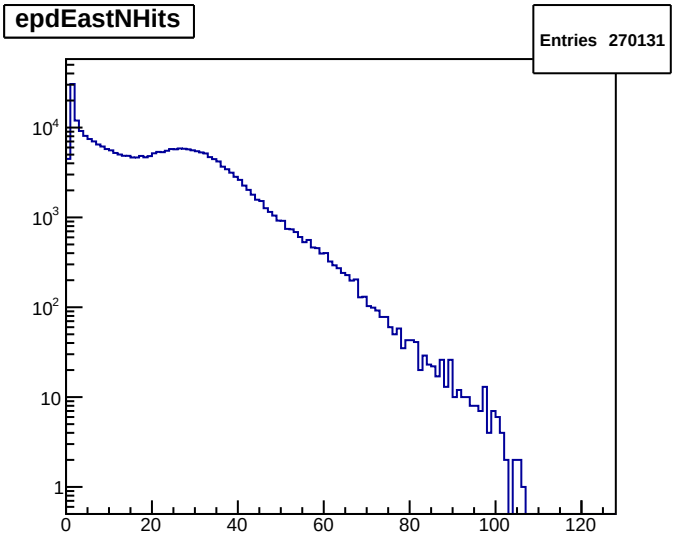
Entries 0
Data-Simu
DSM Input Channel

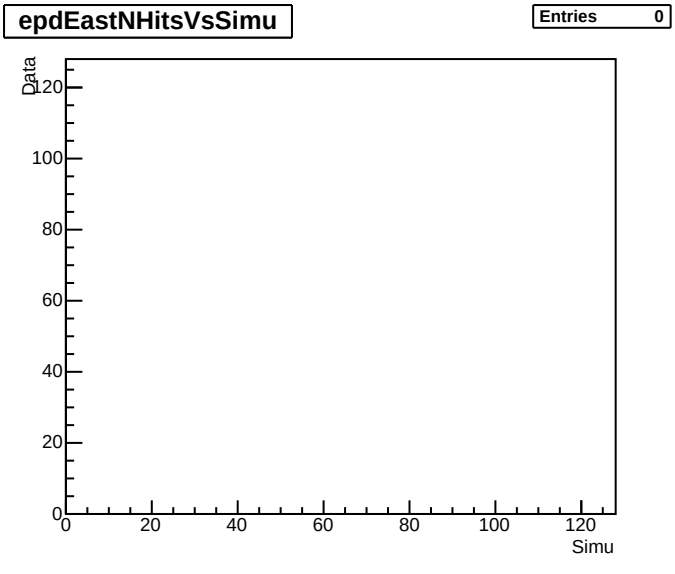

epdEastTac03
Entries 270131


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 270131


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 270131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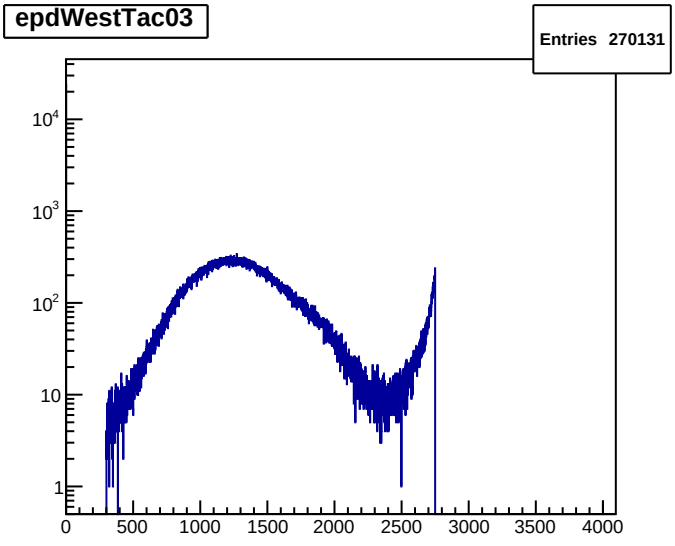
Entries 0
Data
Simu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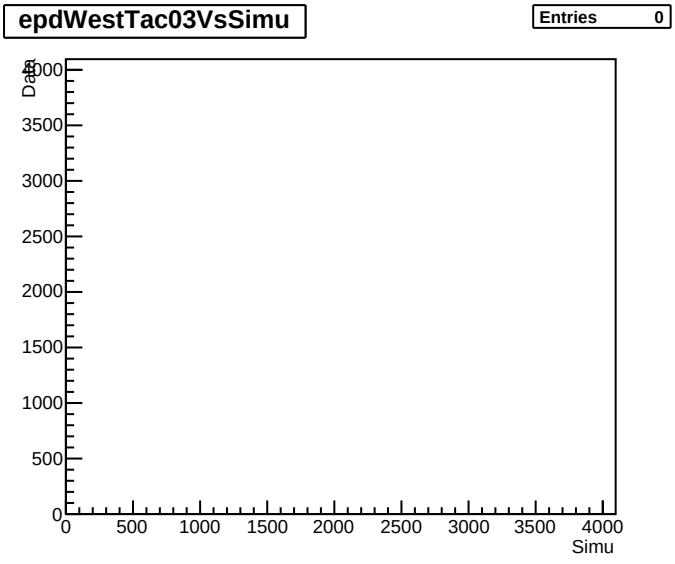
Entries 270131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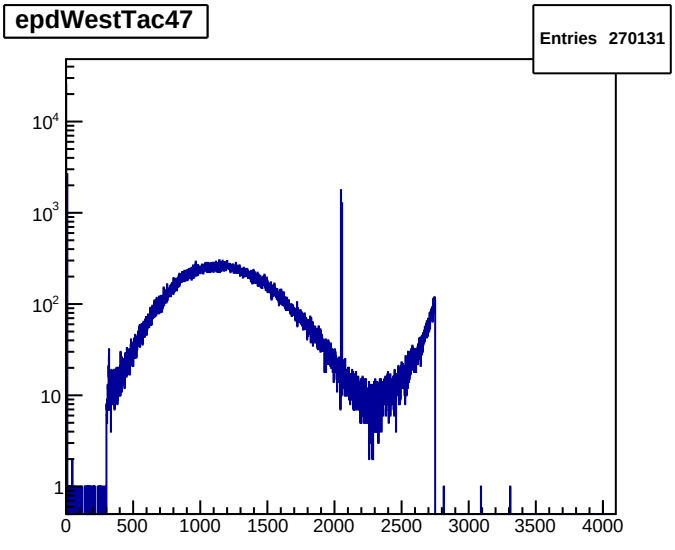
Entries 0
Data
Simu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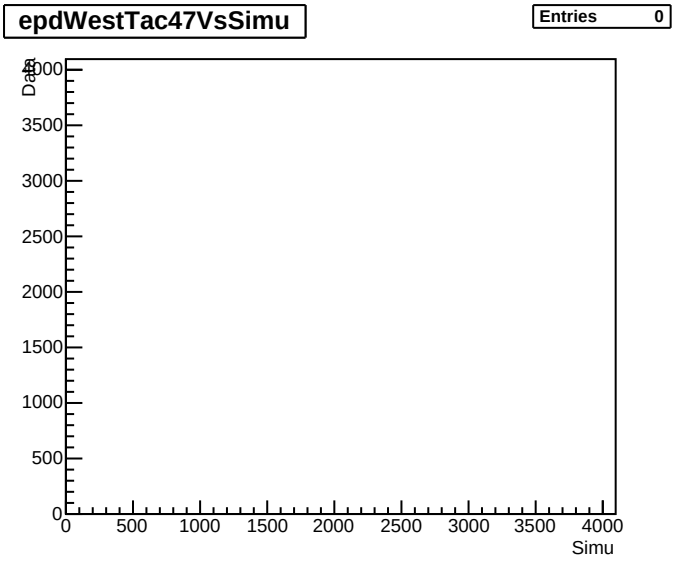
Entries 270131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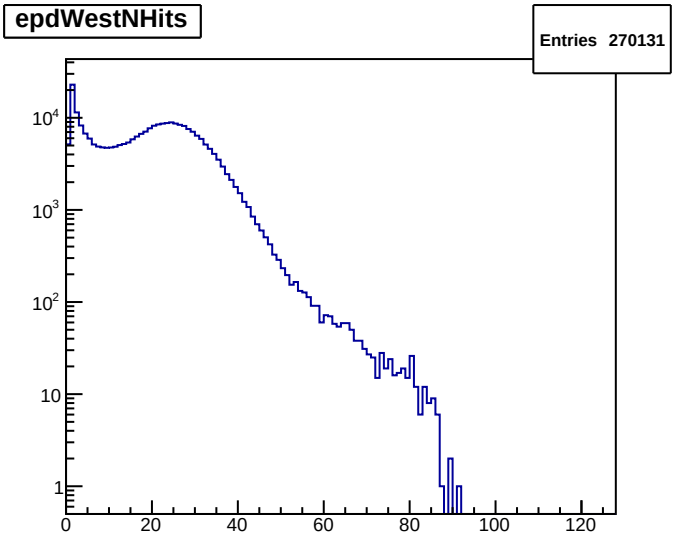
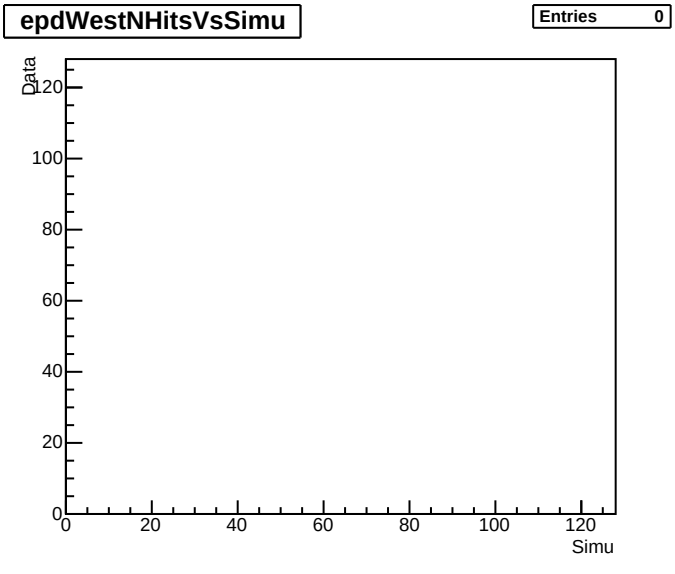
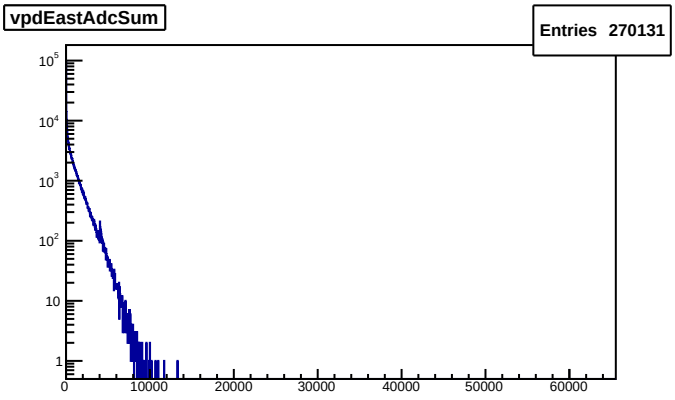
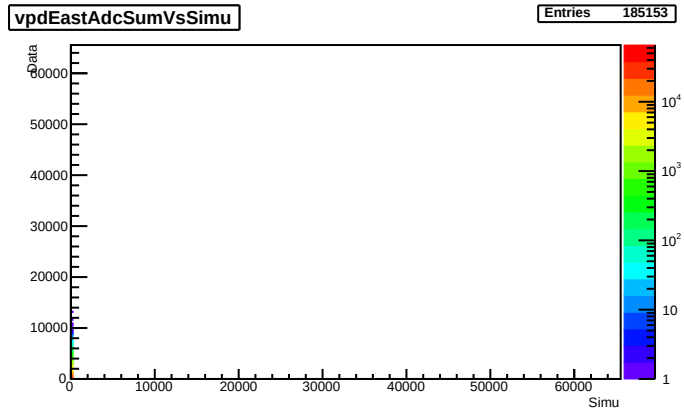
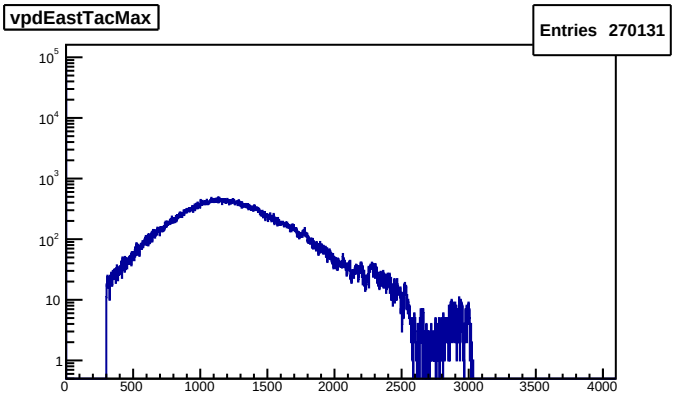
Entries 0
Data
Simu

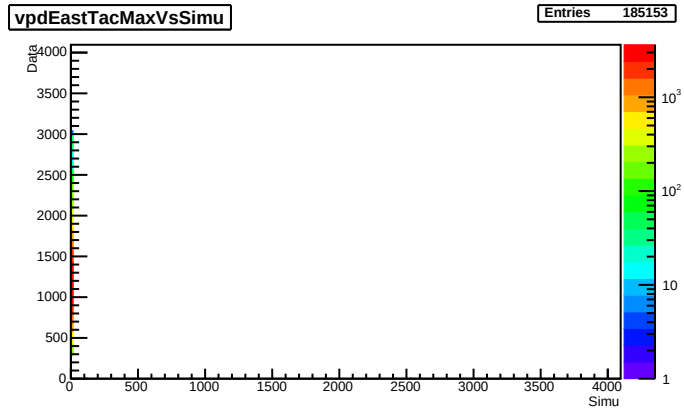

epdWestNHits
Entries 270131

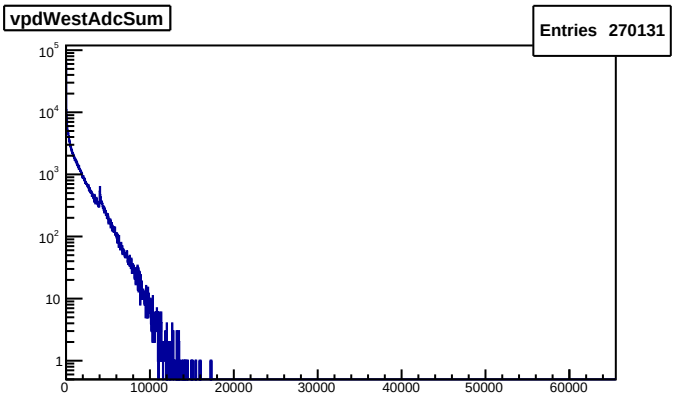

epdWestNHitsVsSimu
Entries 0
Data
Simu

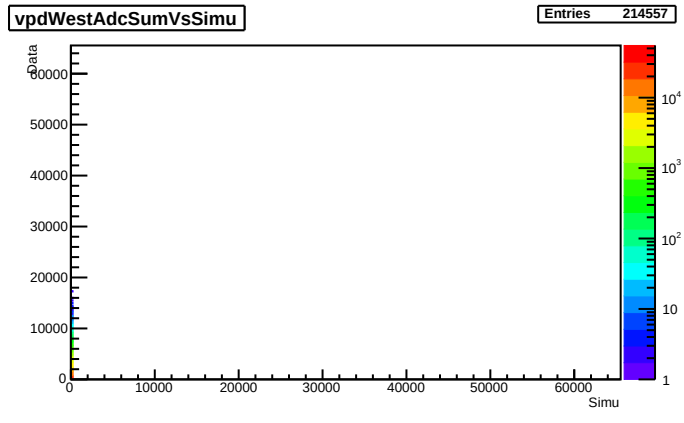

vpdEastAdcSum
Entries 270131

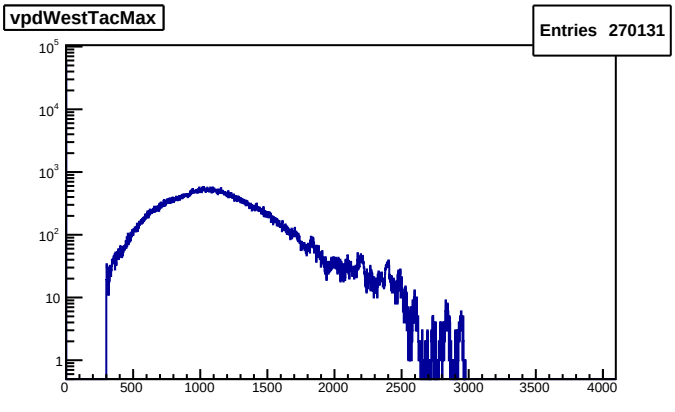

vpdEastAdcSumVsSimu
Entries 185153
Data
Simu

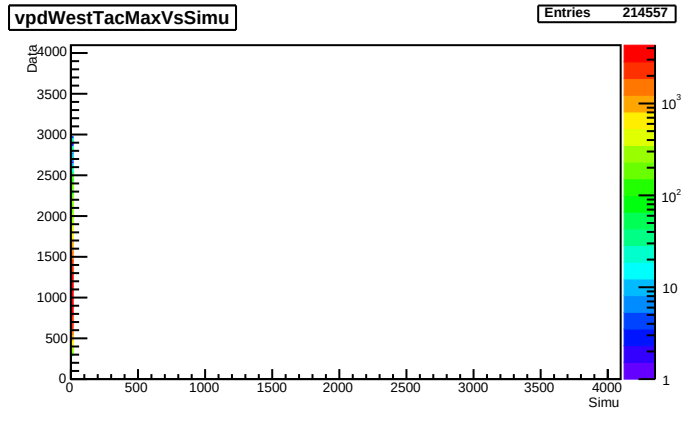

vpdEastTacMax
Entries 270131

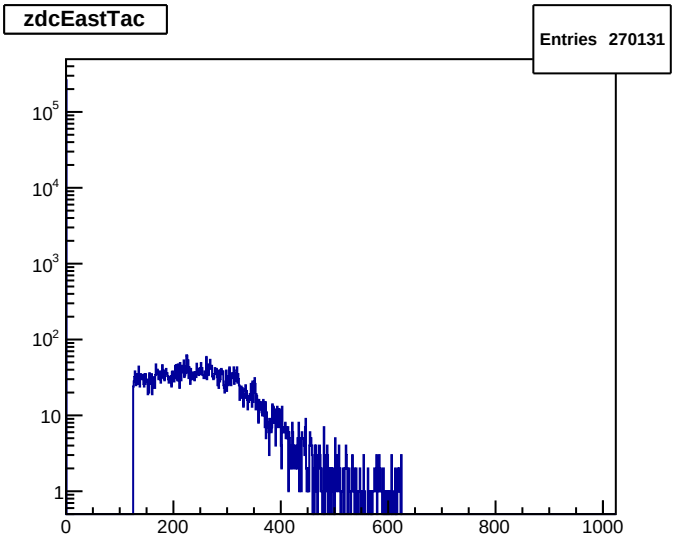

vpdEastTacMaxVsSimu
Entries 185153
Data
Simu

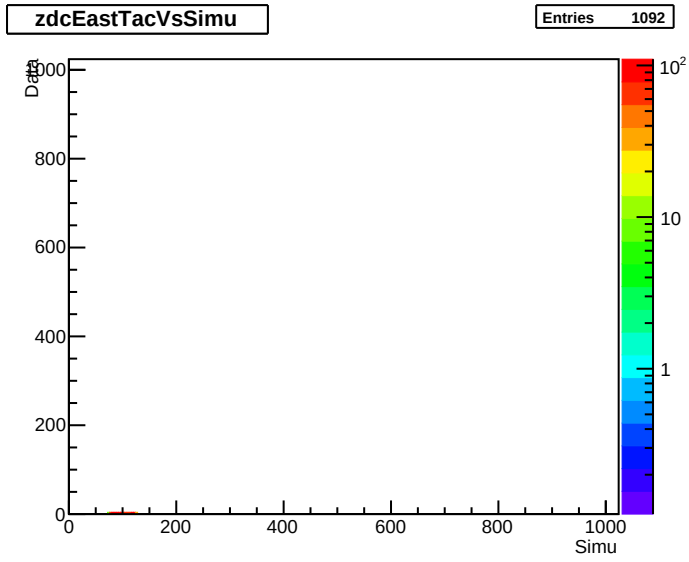

vpdWestAdcSum
Entries 270131

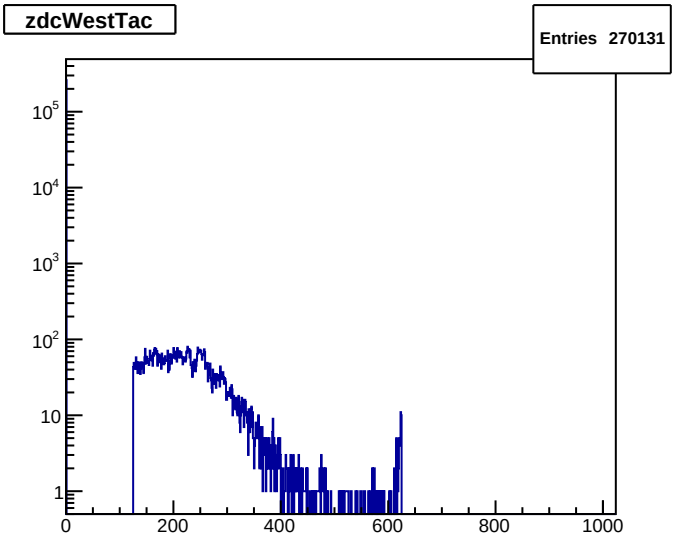

vpdWestAdcSumVsSimu
Entries 214557
Data
Simu

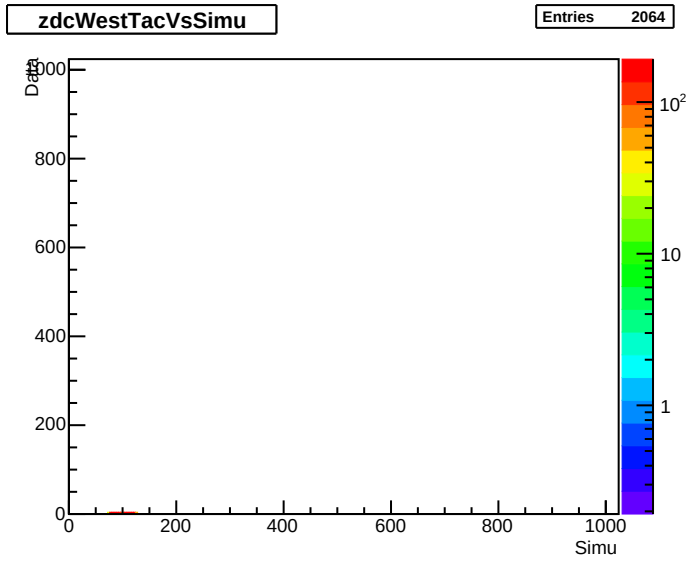

vpdWestTacMax
Entries 270131

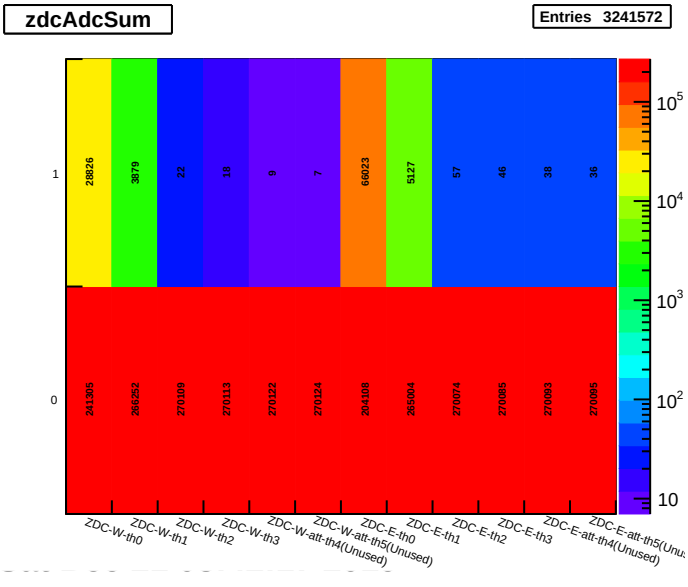

vpdWestTacMaxVsSimu
Entries 214557
Data
Simu

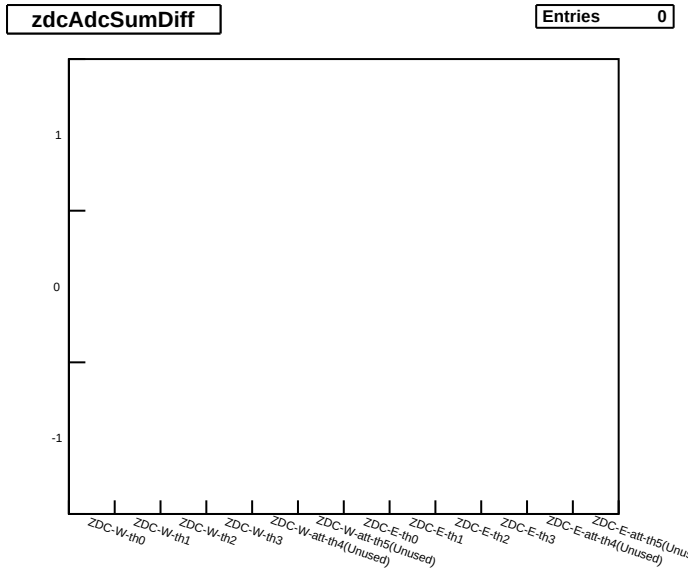

zdcEastTac
Entries 270131

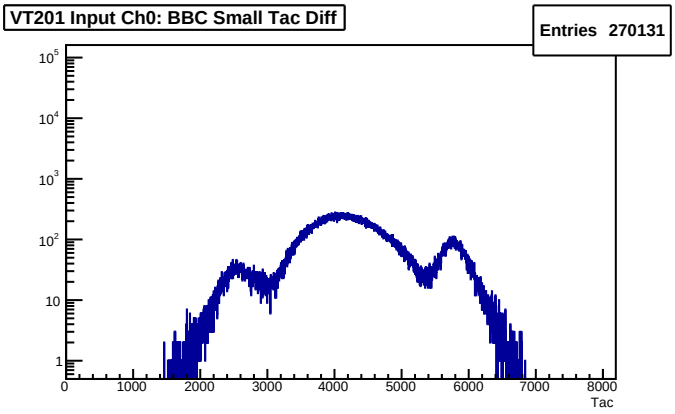

zdcEastTacVsSimu
Entries 1092
Data
Simu

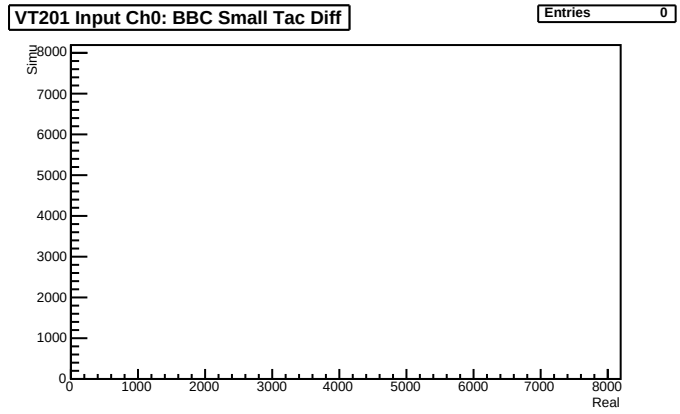

zdcWestTac
Entries 270131

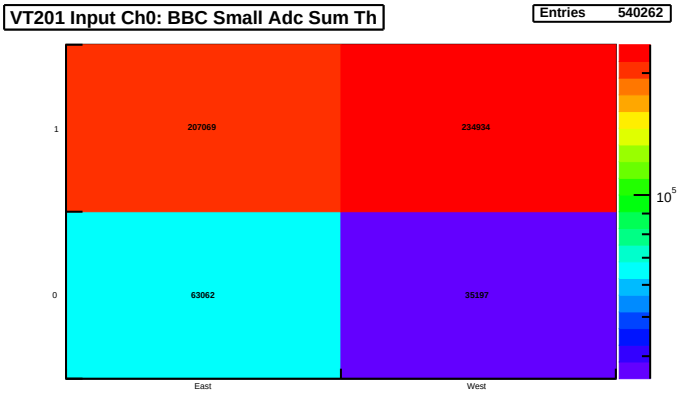

zdcWestTacVsSimu
Entries 2064
Data
Simu

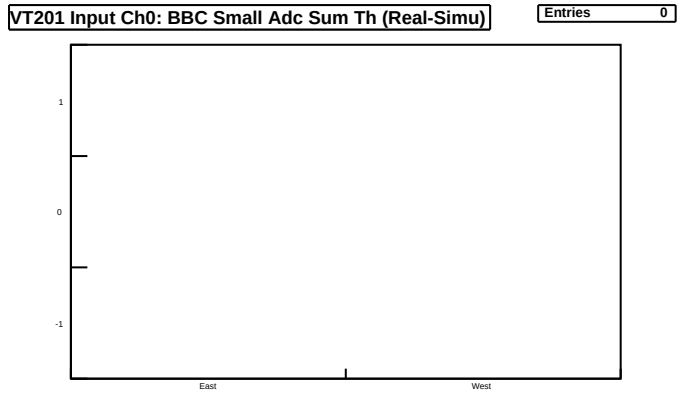

zdcAdcSum
Entries 3241572
28826
3879
22
18
9
7
66023
5127
57
46
38
36
241305
266252
270109
270113
270122
270124
204108
265004
270074
270085
270093
270095
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

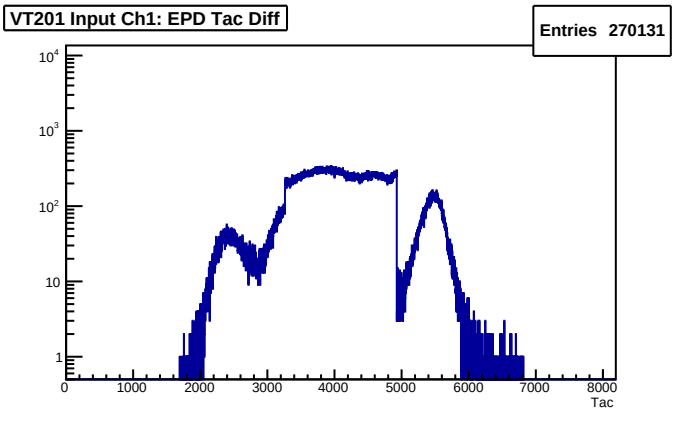

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

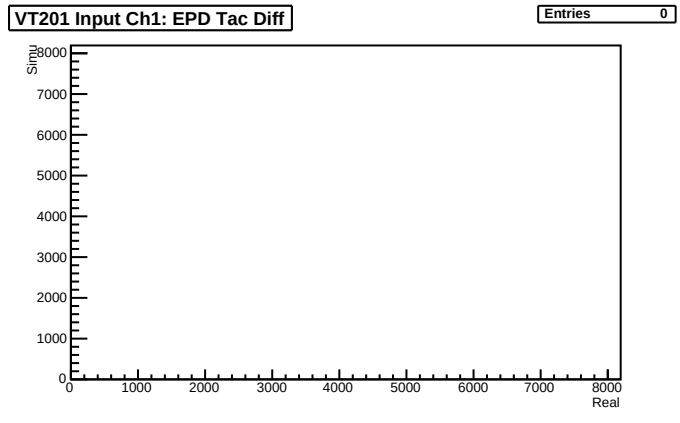

VT201 Input Ch0: BBC Small Tac Diff
Entries 270131
Tac

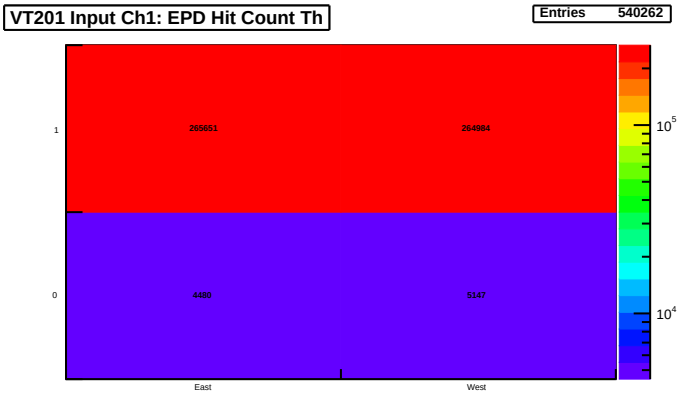

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

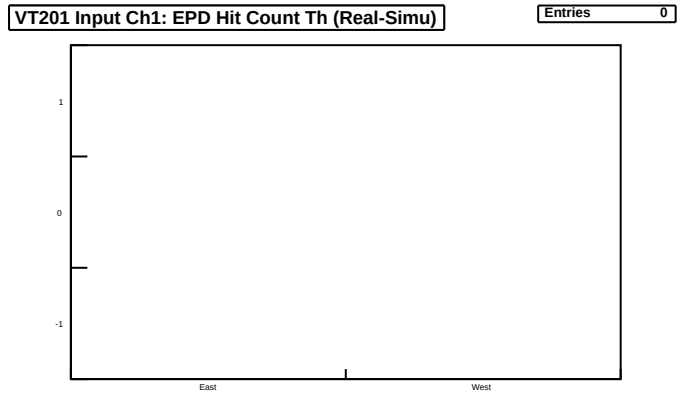

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 540262
207069
234934
63062
35197
East
West

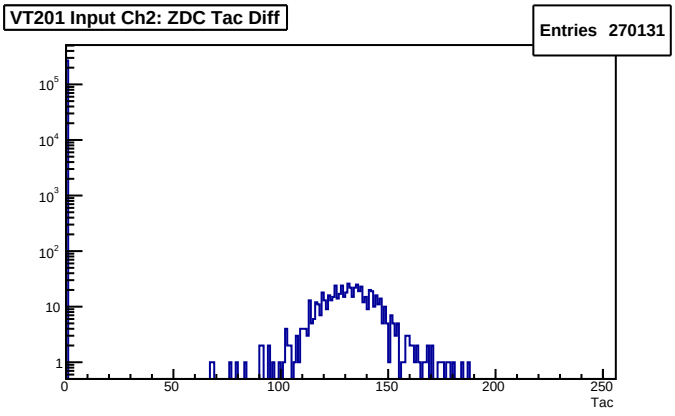

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

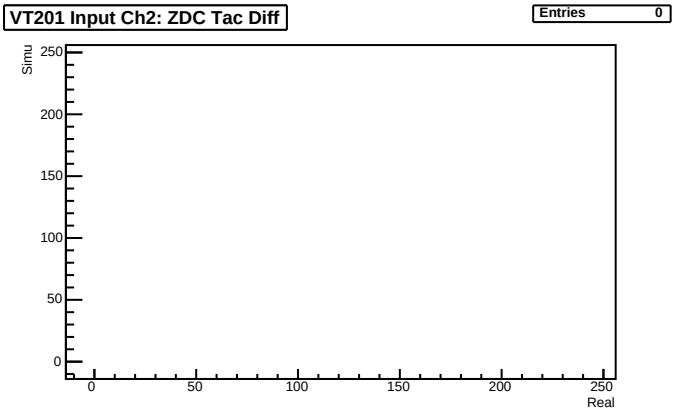

VT201 Input Ch1: EPD Tac Diff
Entries 270131
Tac

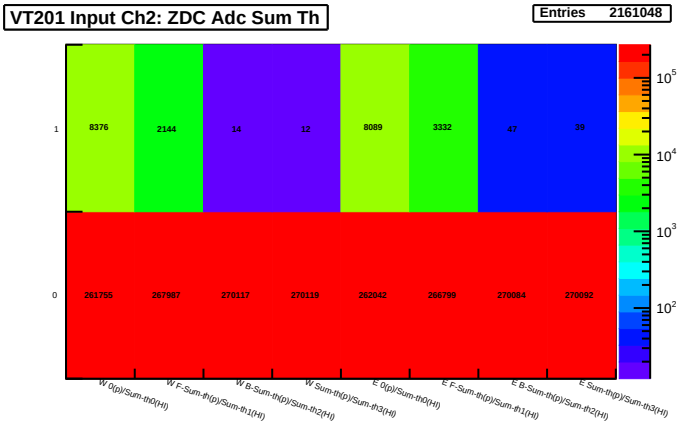

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

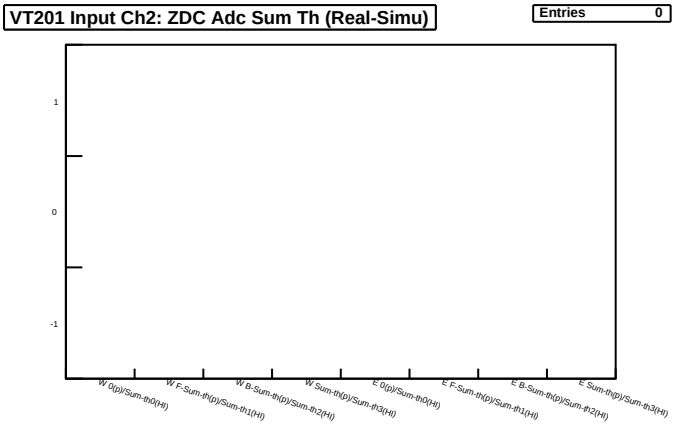

VT201 Input Ch1: EPD Hit Count Th
Entries 540262
265651
264984
4480
5147
East
West

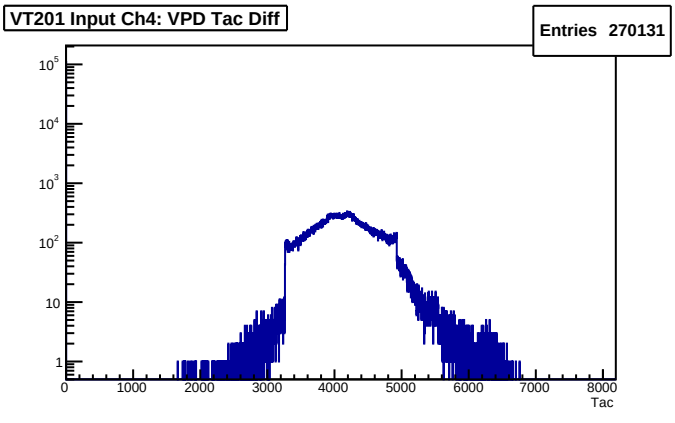

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

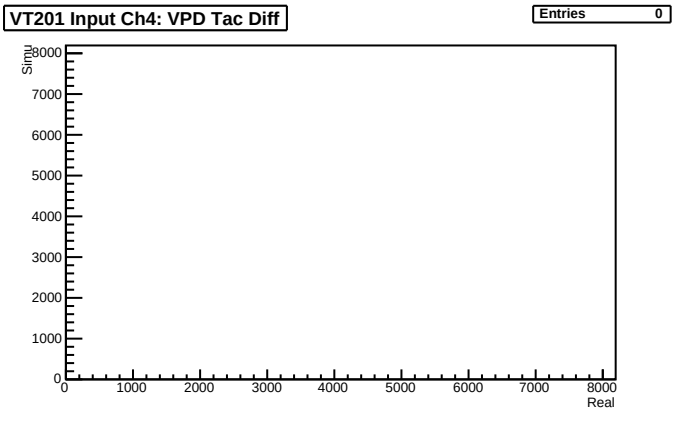

VT201 Input Ch2: ZDC Tac Diff
Entries 270131
Tac

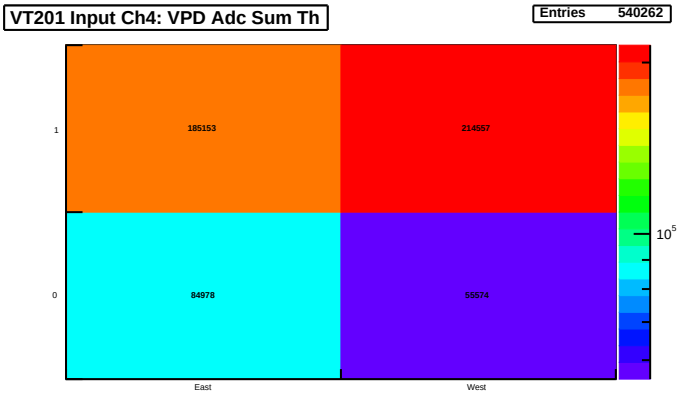

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

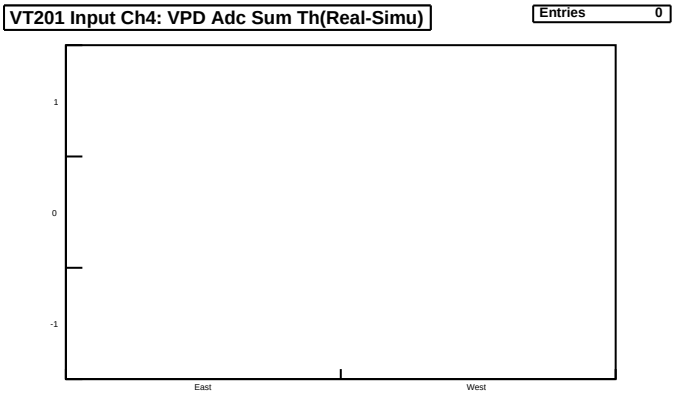

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2161048
8376
2144
14
12
8089
3332
47
39
261755
267987
270117
270119
262042
266799
270084
270092
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

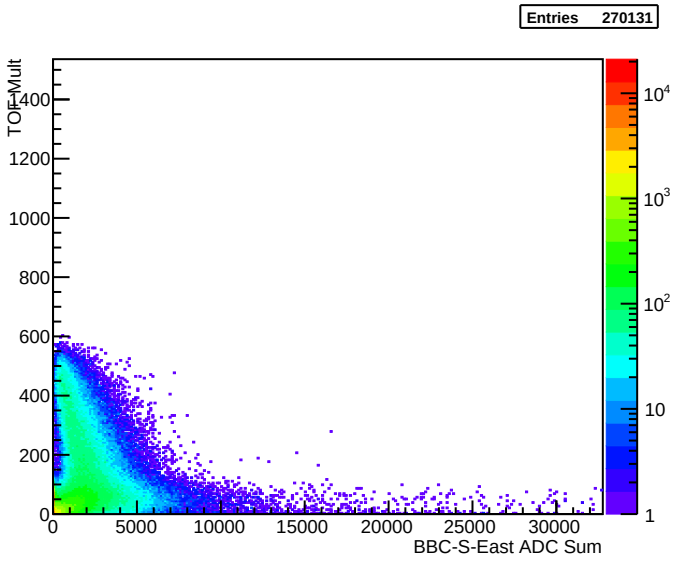

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

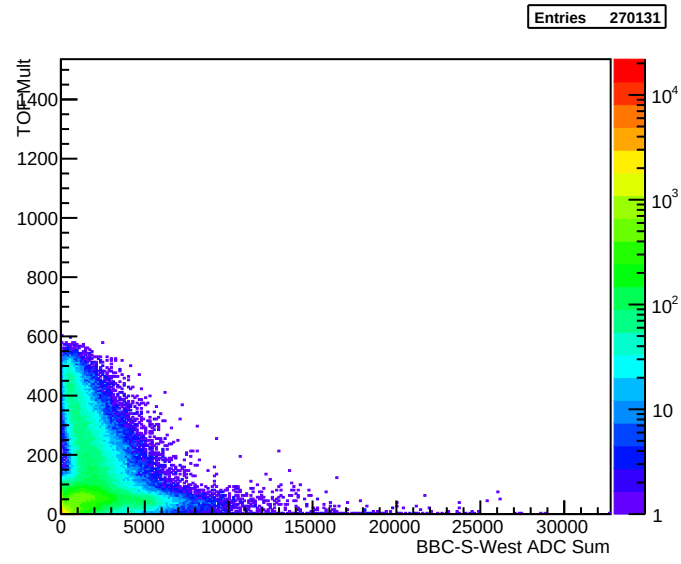

VT201 Input Ch4: VPD Tac Diff
Entries 270131
Tac

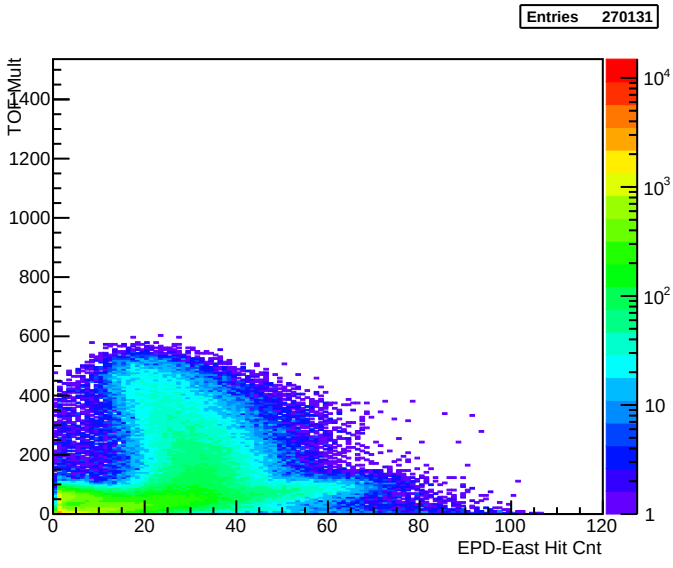

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

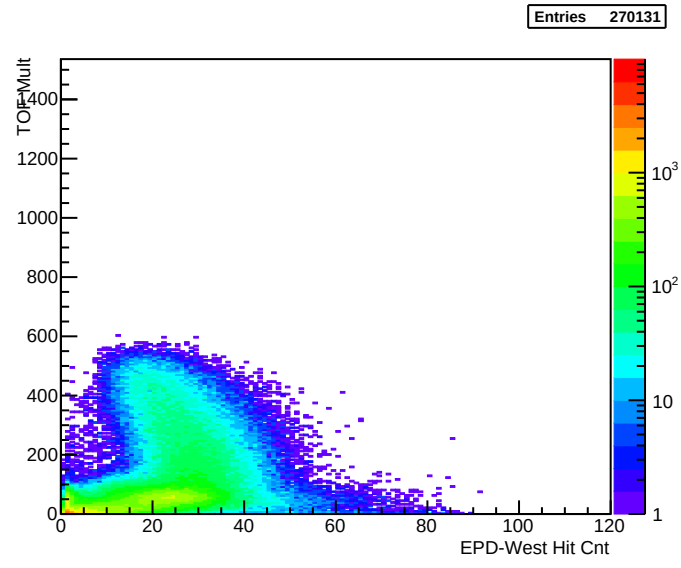

VT201 Input Ch4: VPD Adc Sum Th
Entries 540262
185153
214557
84978
55574
East
West

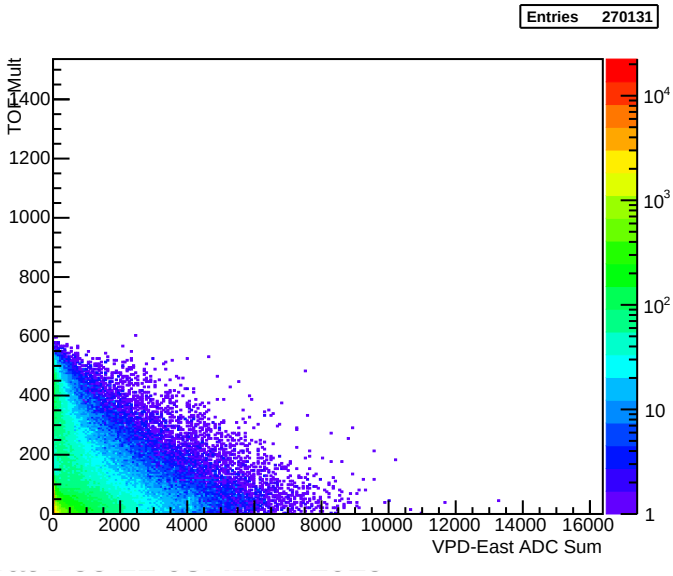

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

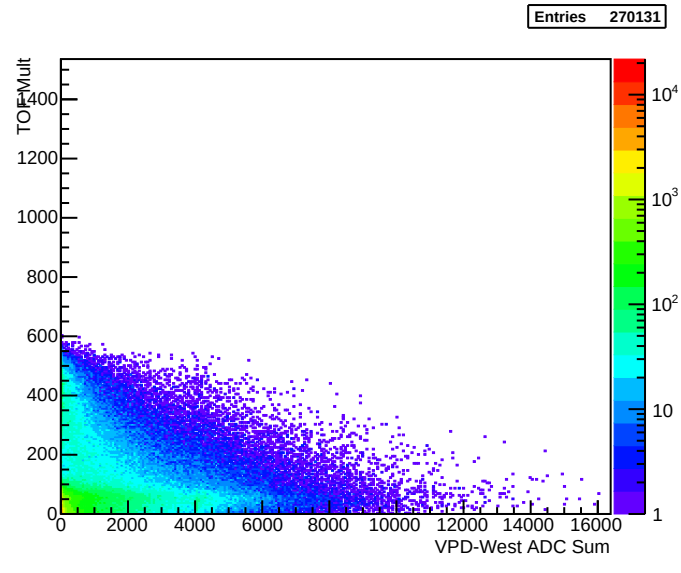

Entries 270131
TOF-Mult
BBC-S-East ADC Sum

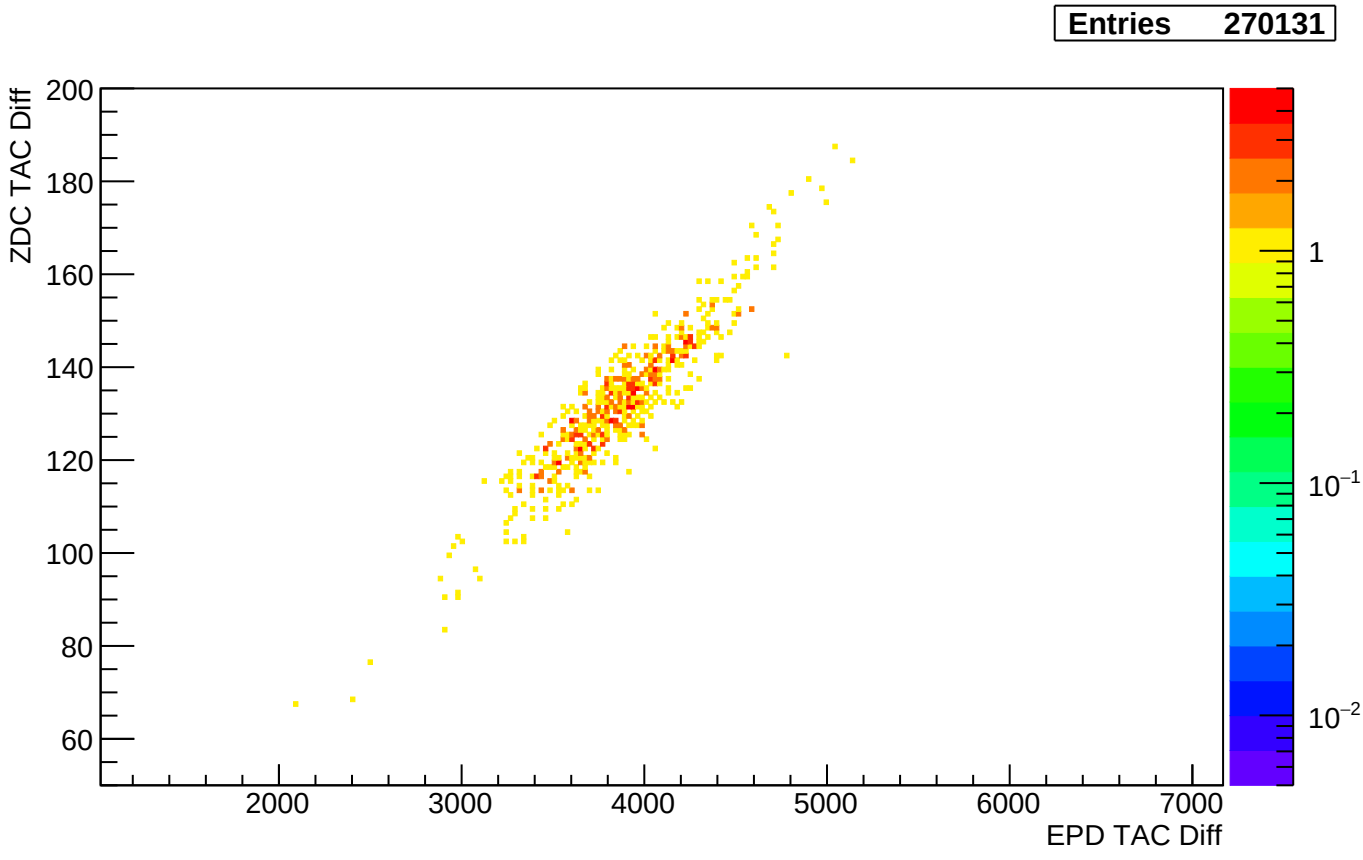

Entries 270131
TOF-Mult
BBC-S-West ADC Sum

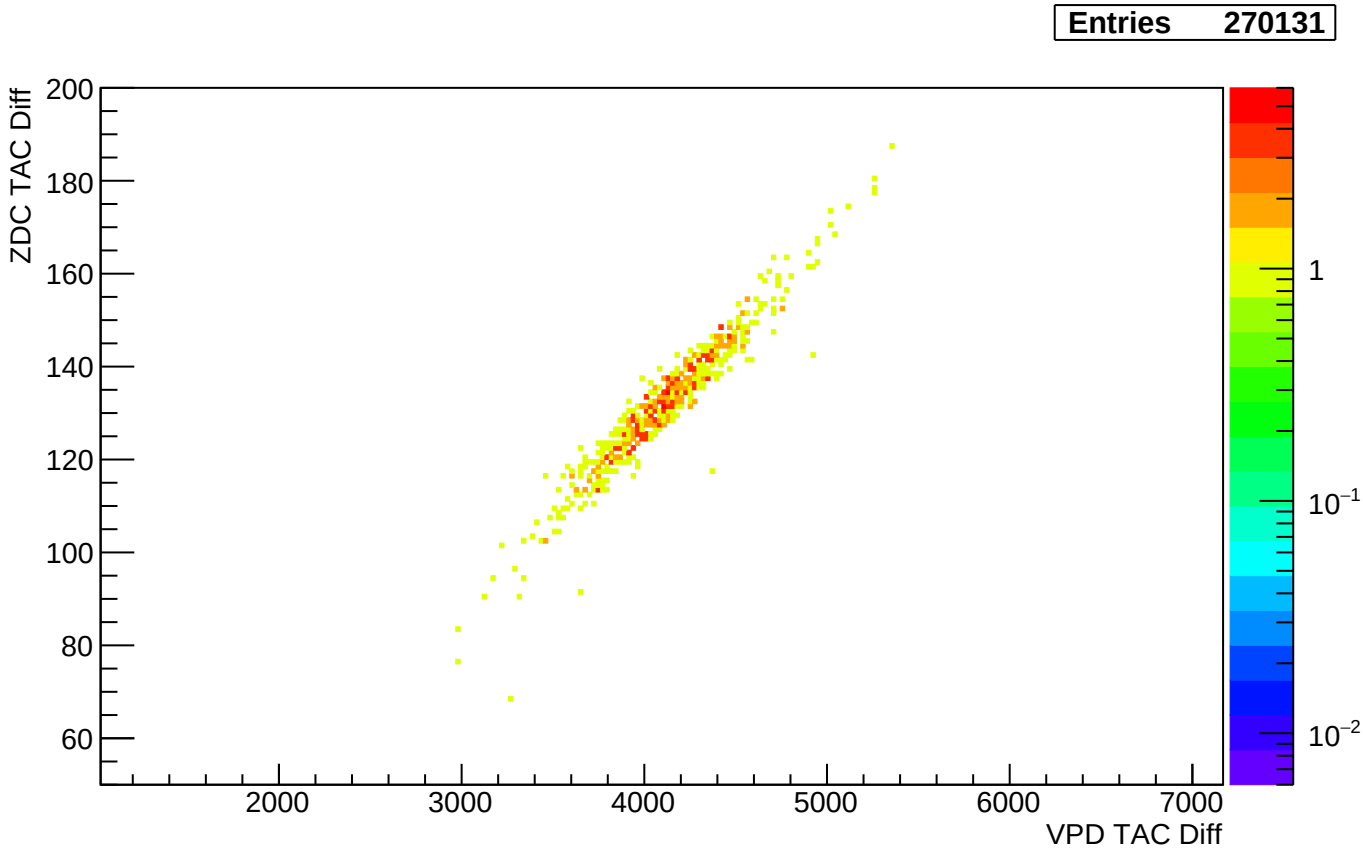

Entries 270131
TOF-Mult
EPD-East Hit Cnt

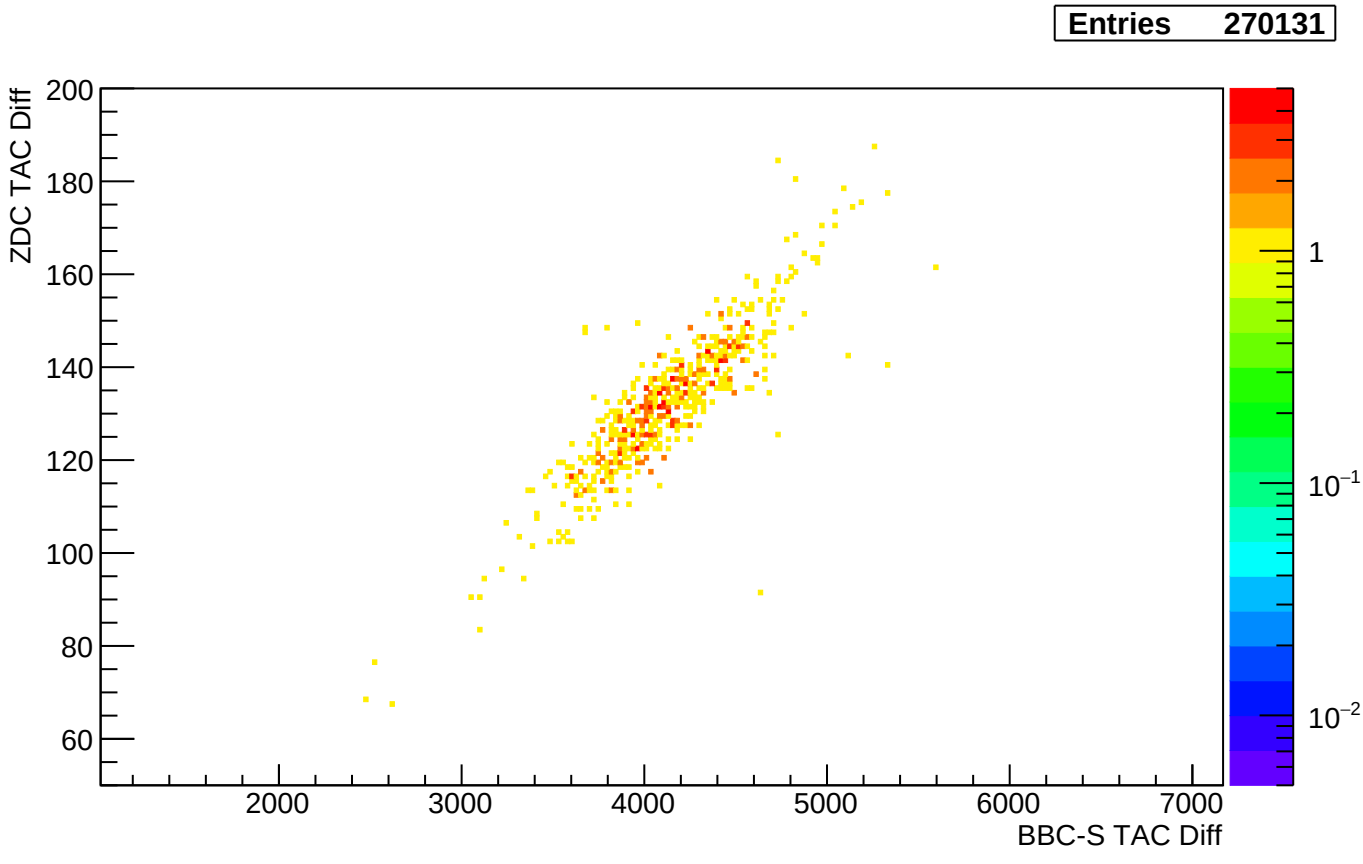

Entries 270131
TOF-Mult
EPD-West Hit Cnt

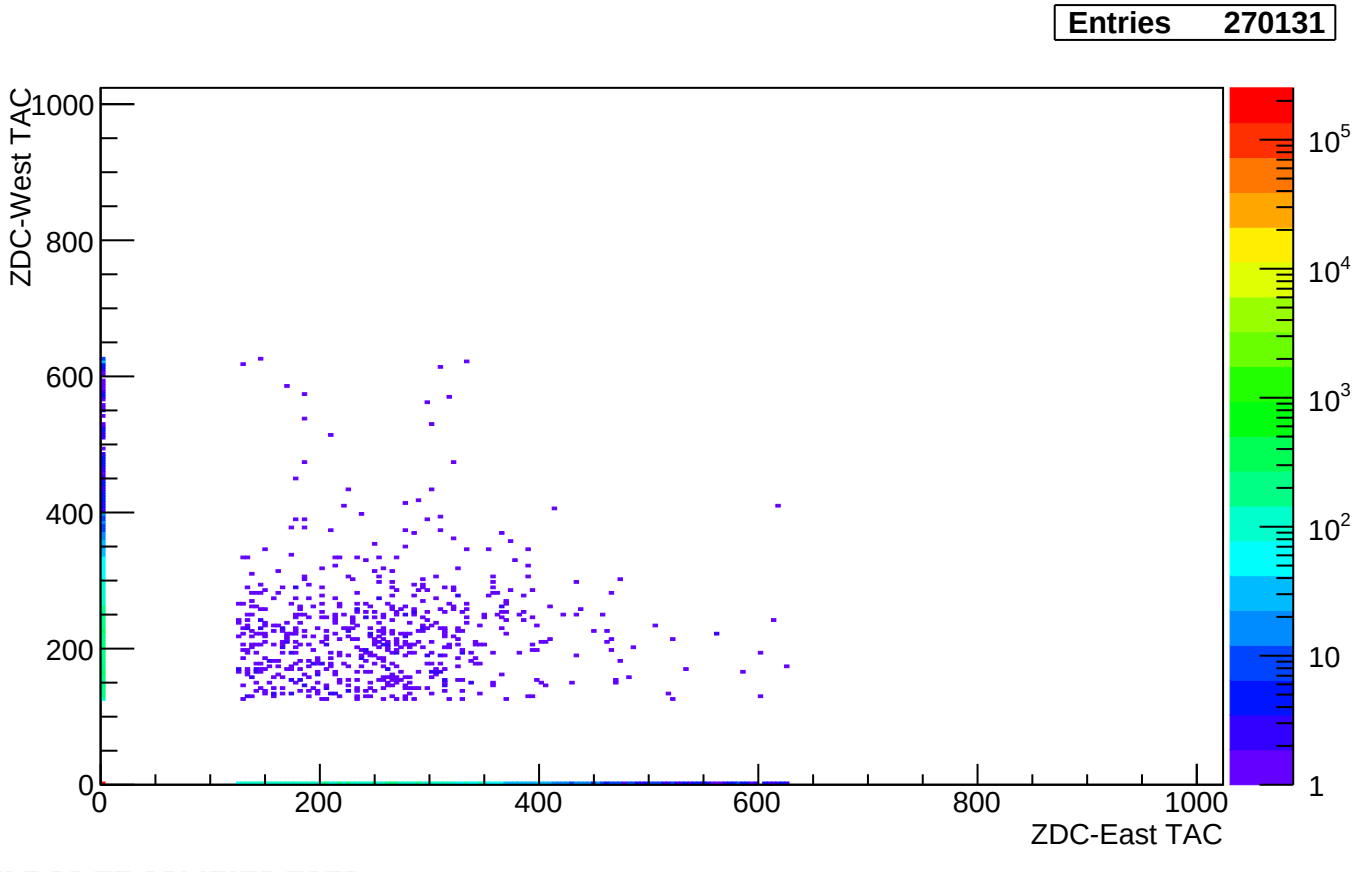

Entries 270131
TOF-Mult
VPD-East ADC Sum

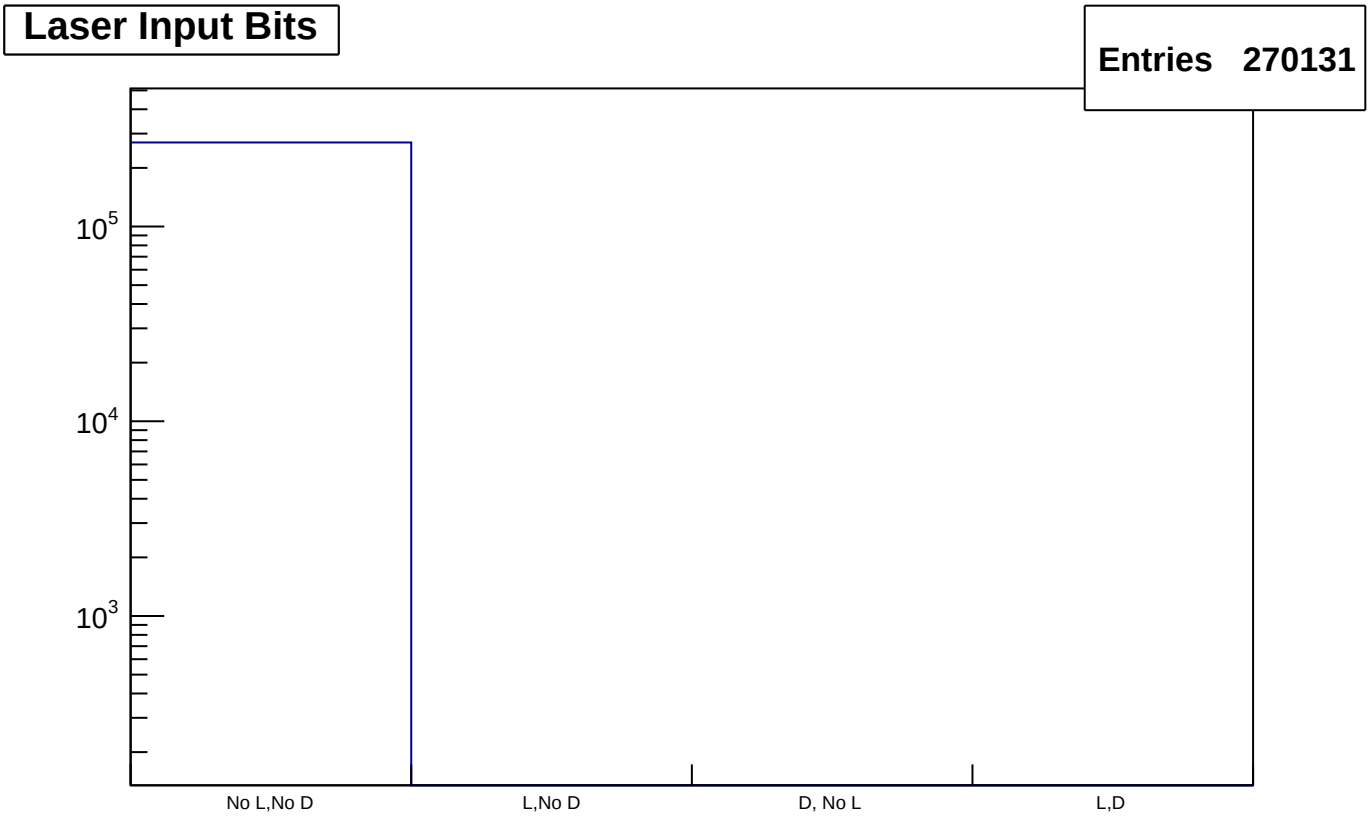

Entries 270131
TOF-Mult
VPD-West ADC Sum

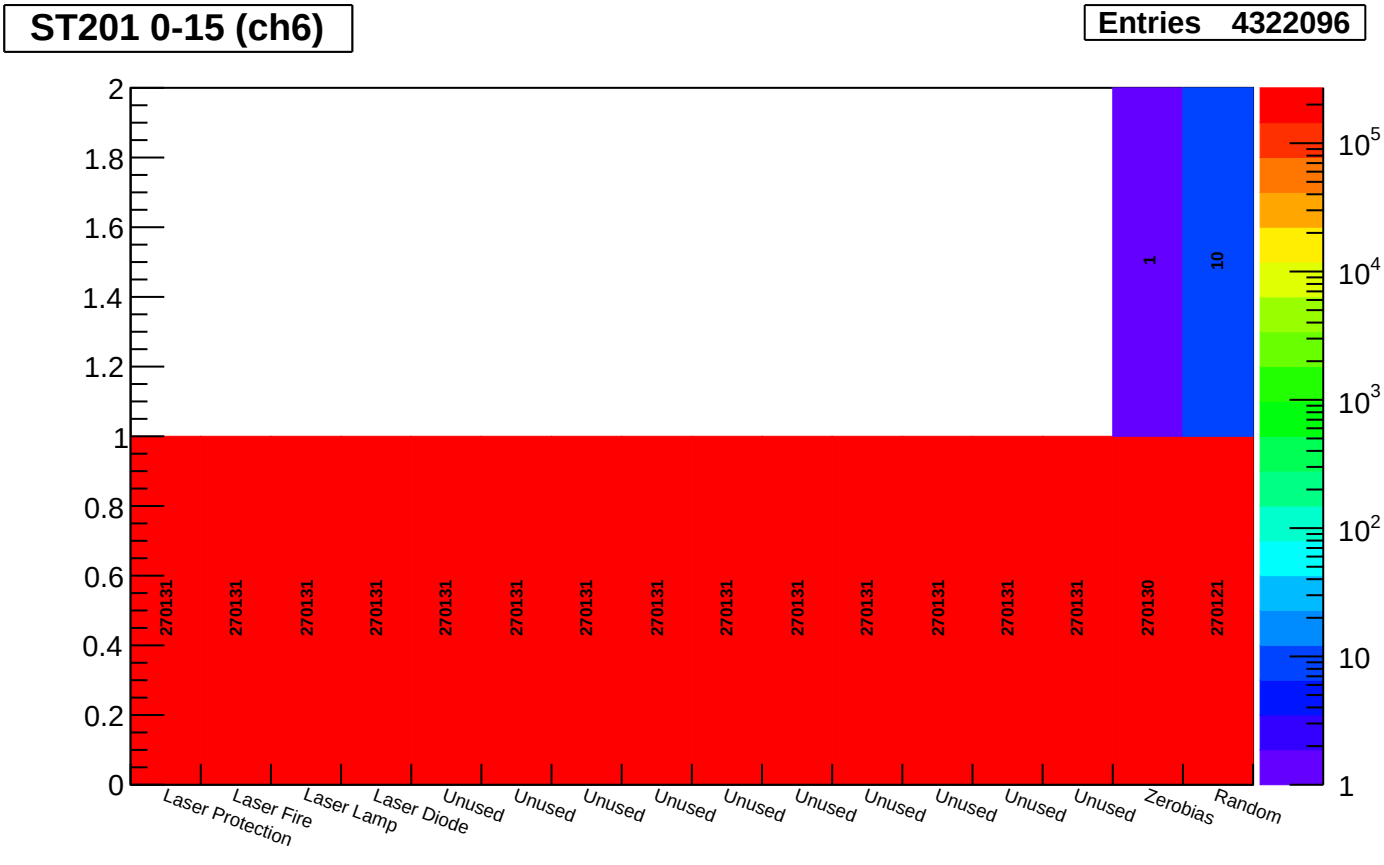

Entries 270131
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

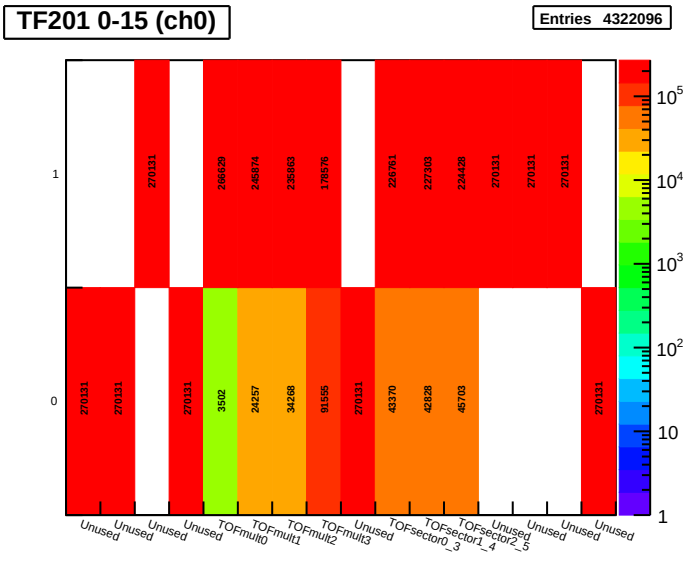

Entries 270131
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

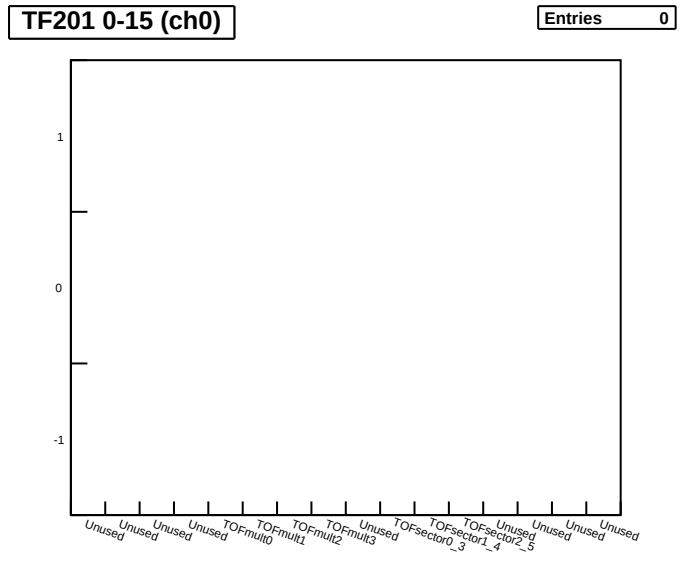

Entries 270131
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

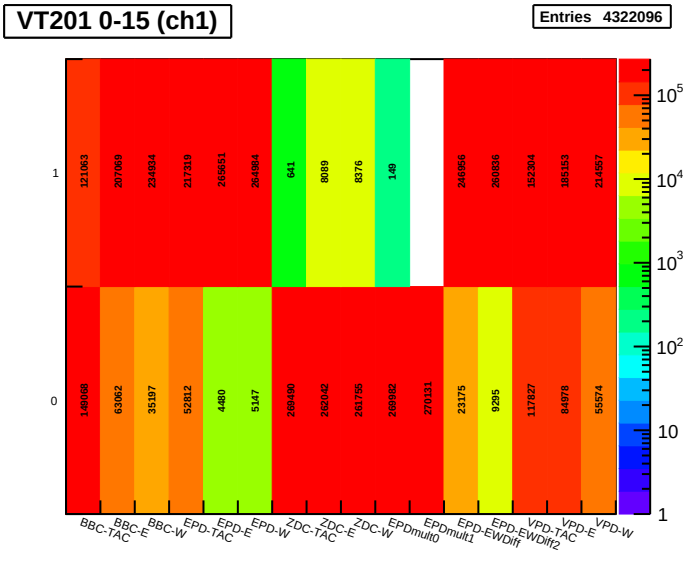

Entries 270131
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

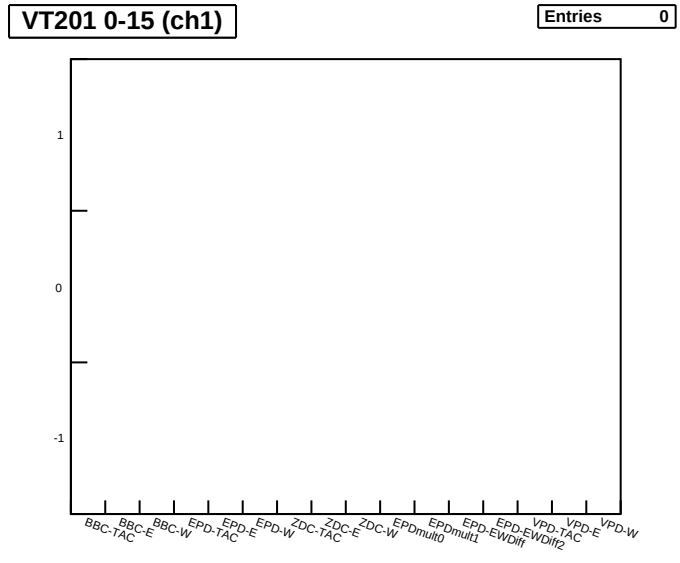

Laser Input Bits
Entries 270131
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

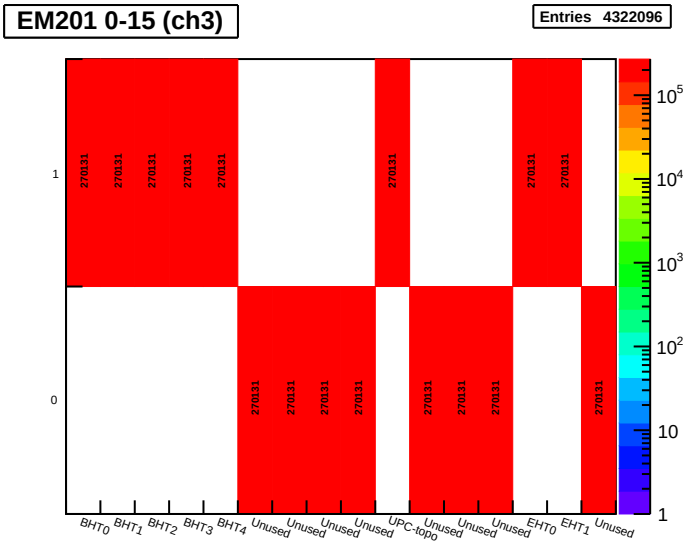

ST201 0-15 (ch6)
Entries 4322096
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270130
270121
1
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

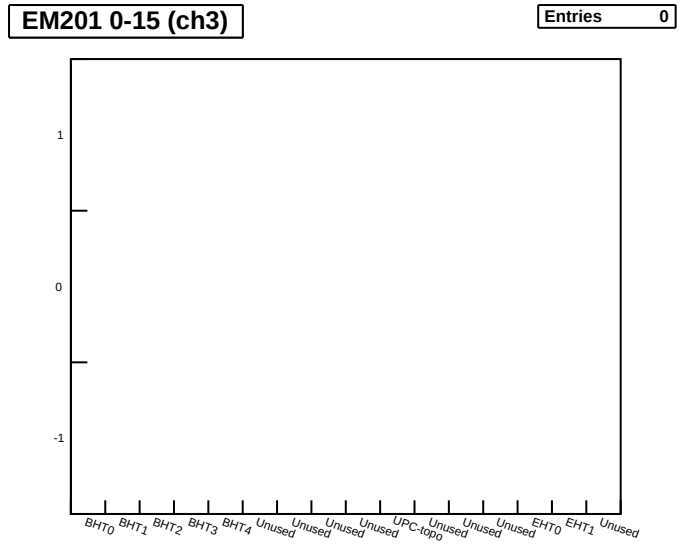

TF201 0-15 (ch0)
Entries 4322096
1
0
270131
266629
245874
235863
178576
226761
227303
224428
270131
270131
270131
270131
270131
270131
3502
24257
34268
91555
270131
43370
42828
45703
270131
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
1
10
10^2
10^3
10^4
10^5


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 4322096
1
0
121063
207069
234934
217319
265651
264984
641
8089
8376
149
246956
260836
152304
185153
214557
149068
63062
35197
52812
4480
5147
269490
262042
261755
269982
270131
23175
9295
117827
84978
55574
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
1
10
10^2
10^3
10^4
10^5


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 4322096
1
0
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
270131
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
1
10
10^2
10^3
10^4
10^5


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