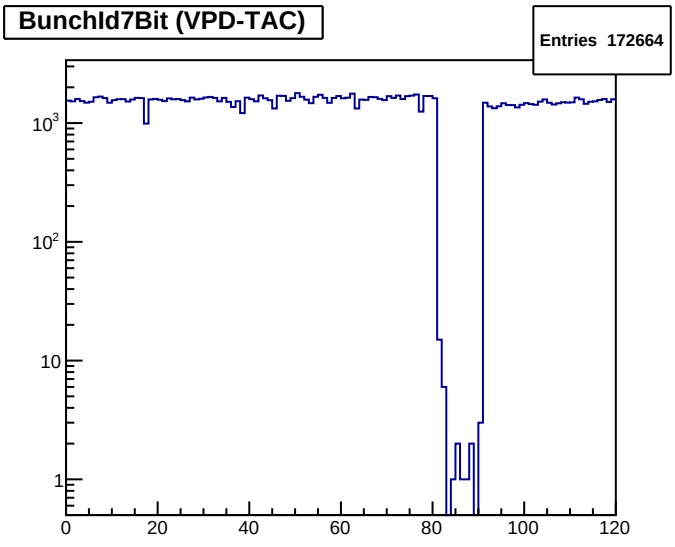
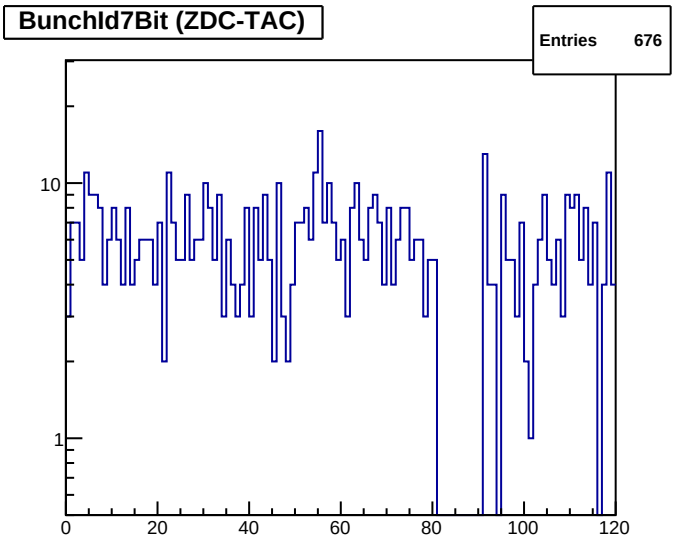
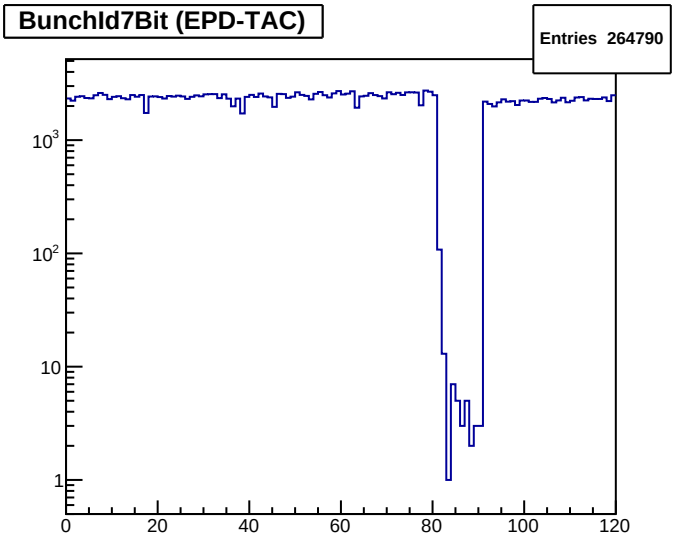
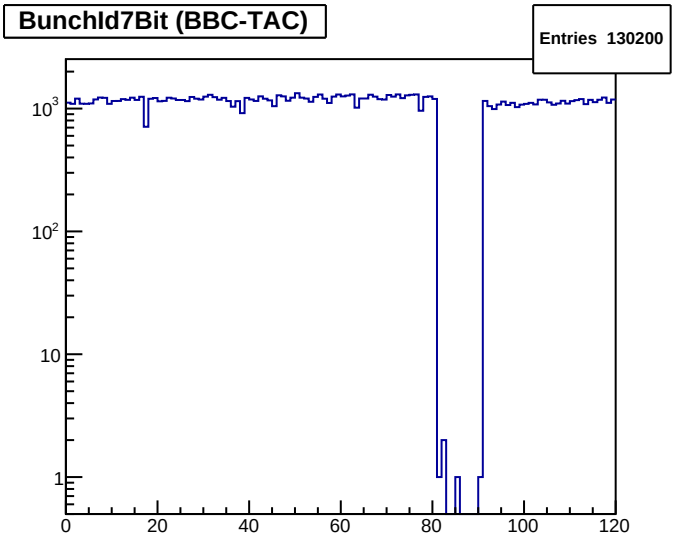
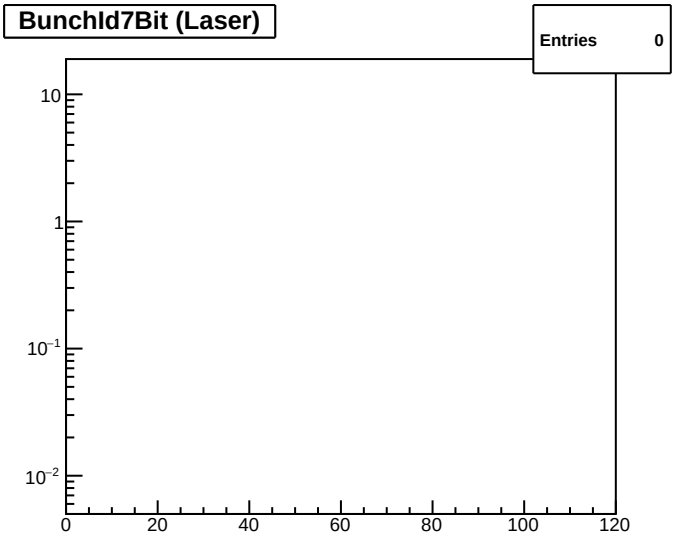
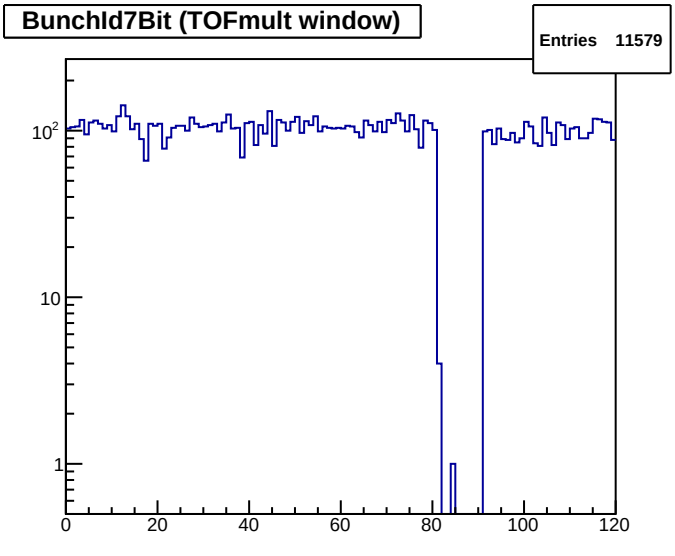

BunchId7Bit (VPD-TAC)
Entries 172664

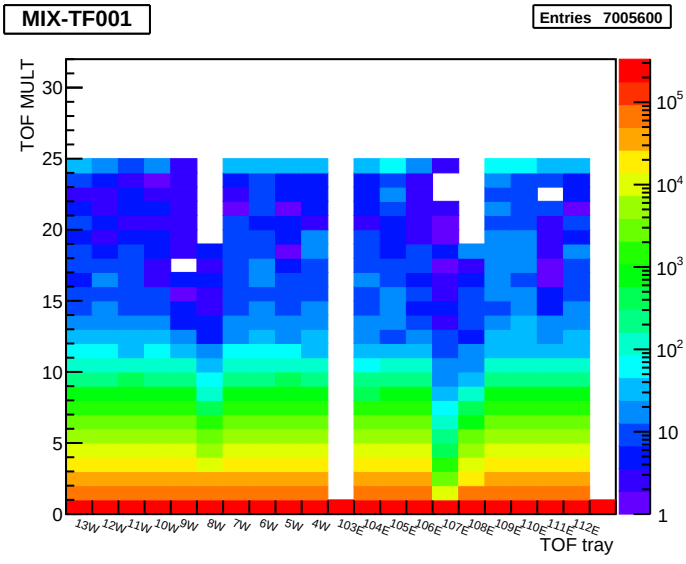

BunchId7Bit (ZDC-TAC)
Entries 676

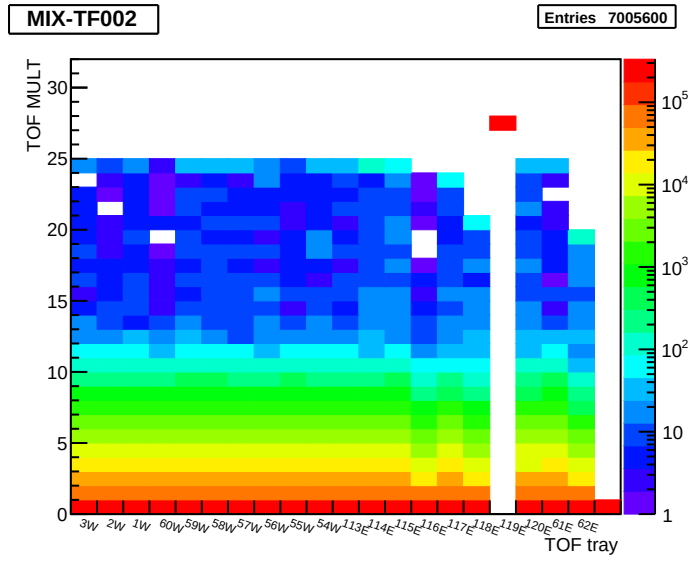

BunchId7Bit (EPD-TAC)
Entries 264790

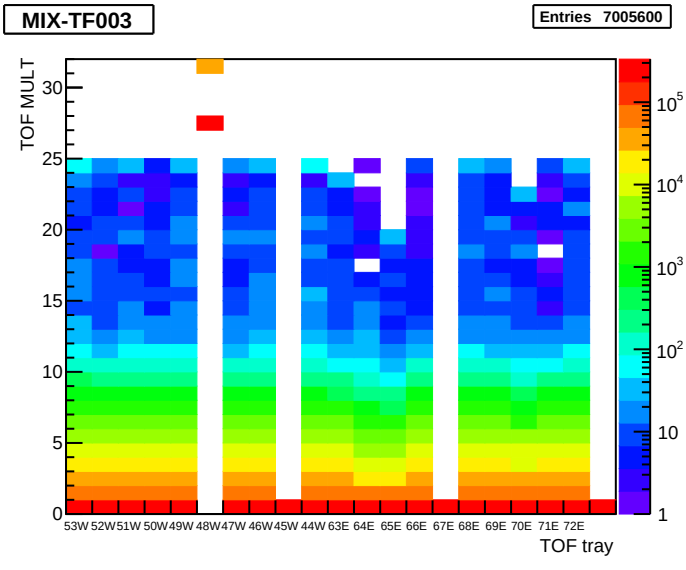

BunchId7Bit (BBC-TAC)
Entries 130200

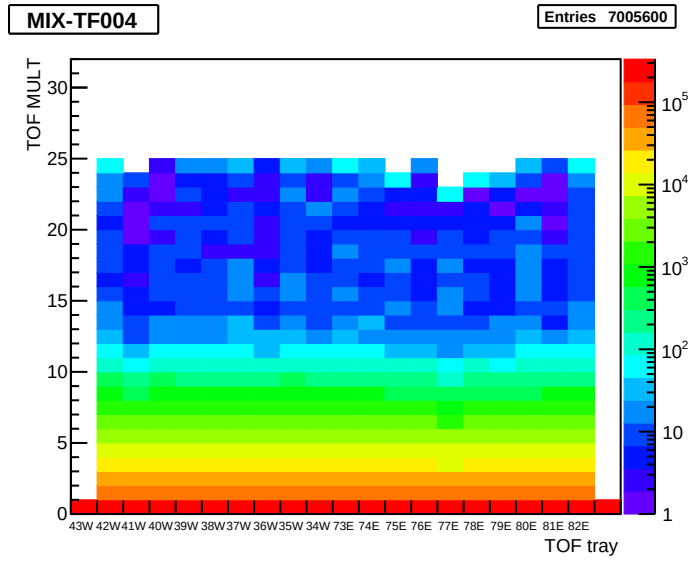

BunchId7Bit (Laser)
Entries 0

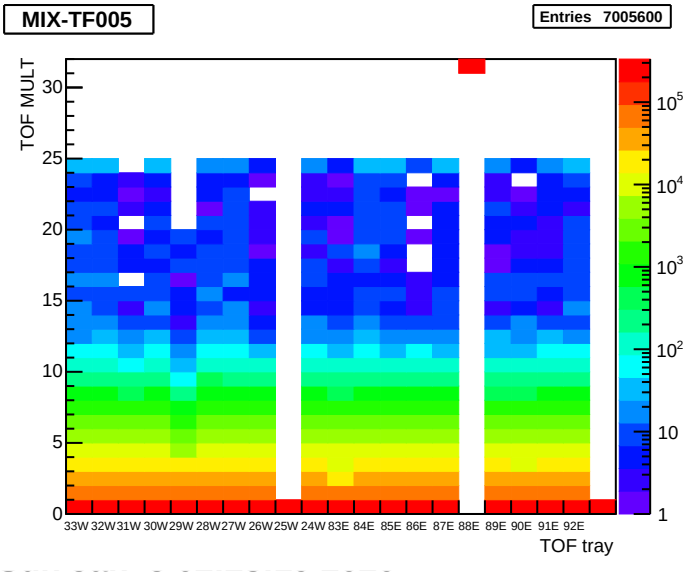

BunchId7Bit (TOFmult window)
Entries 11579

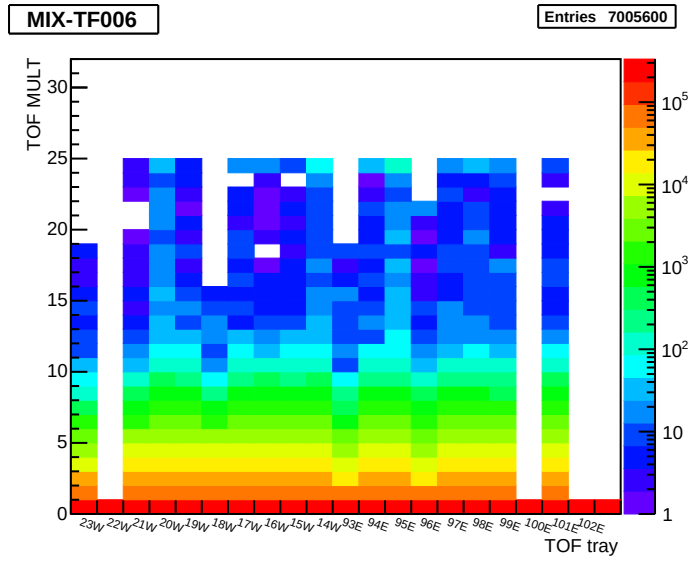

MIX-TF001
Entries 7005600
TOF MULT
TOF tray

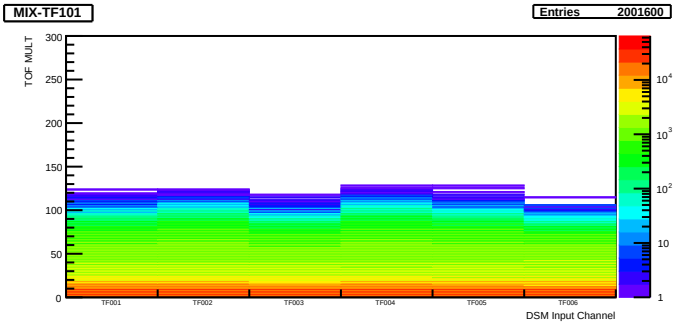

MIX-TF002
Entries 7005600
TOF MULT
TOF tray

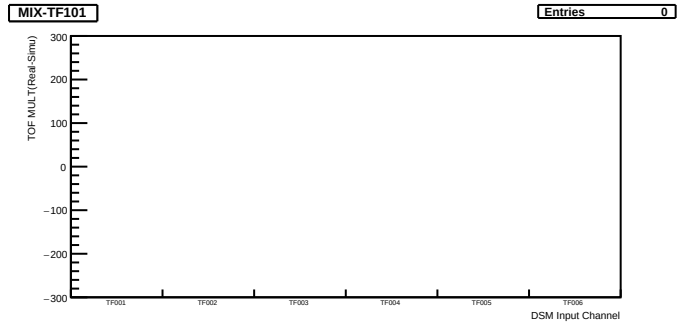

MIX-TF003
Entries 7005600
TOF MULT
TOF tray

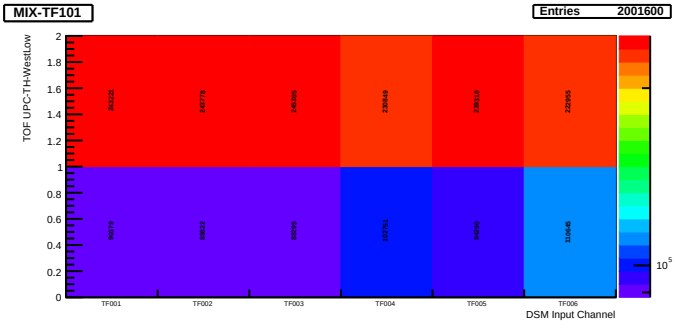

MIX-TF004
Entries 7005600
TOF MULT
TOF tray

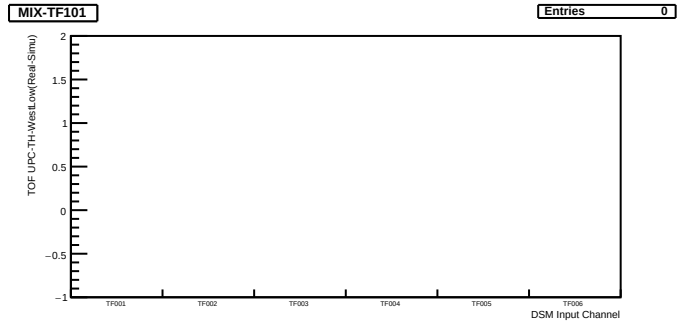

MIX-TF005
Entries 7005600
TOF MULT
TOF tray

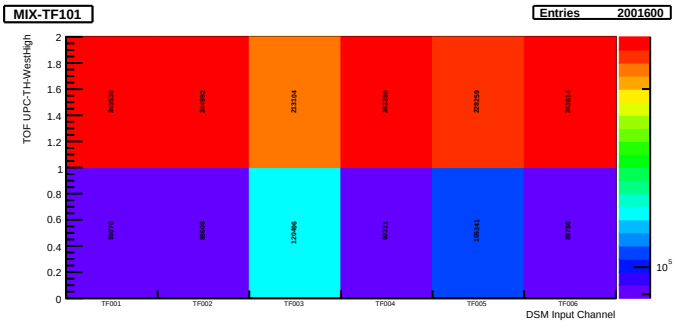

MIX-TF006
Entries 7005600
TOF MULT
TOF tray

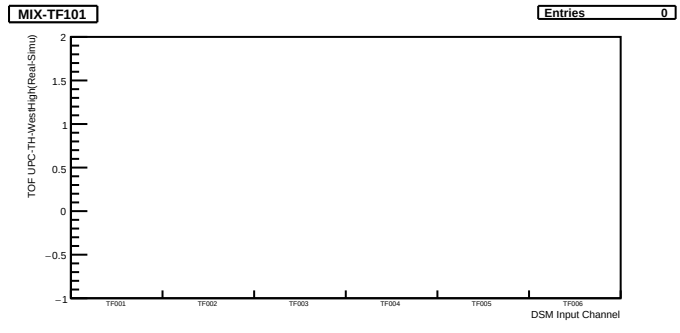

MIX-TF101
Entries 2001600
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

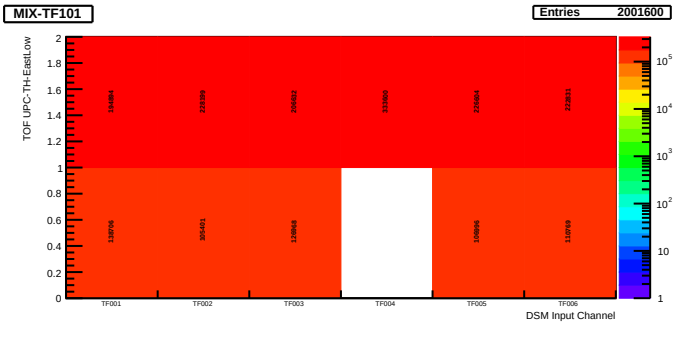

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

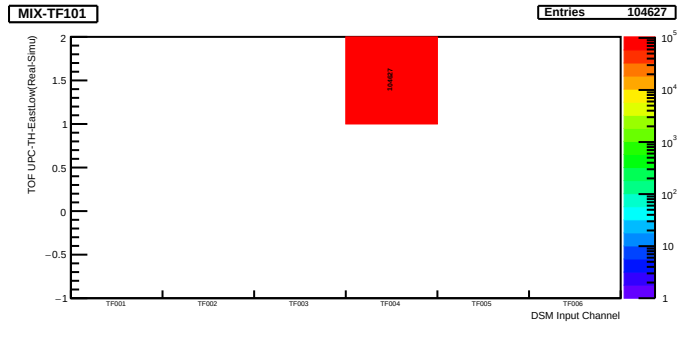

MIX-TF101
Entries 2001600
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

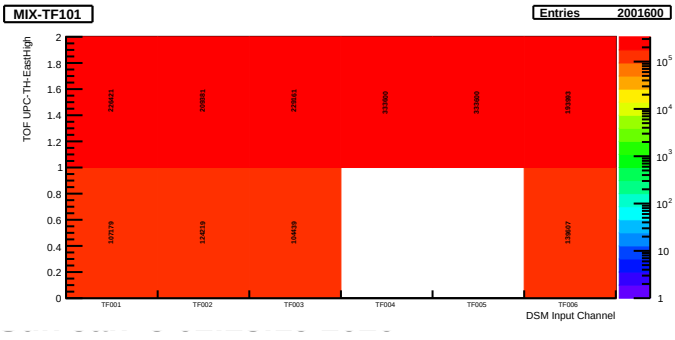

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

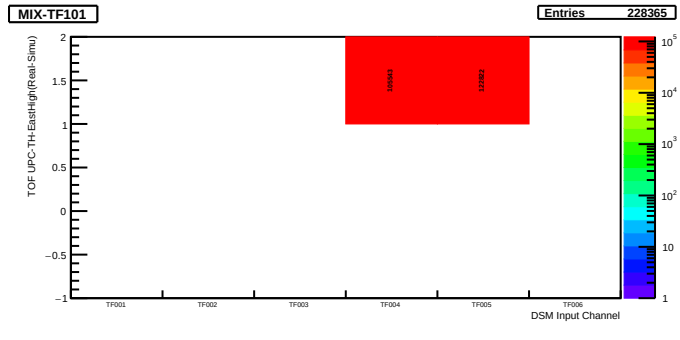

MIX-TF101
Entries 2001600
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

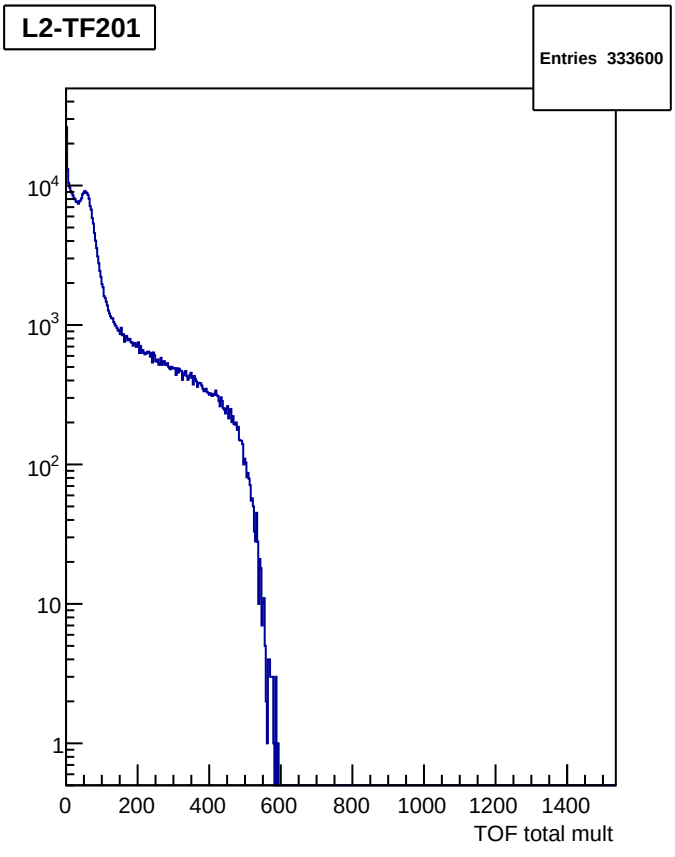

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

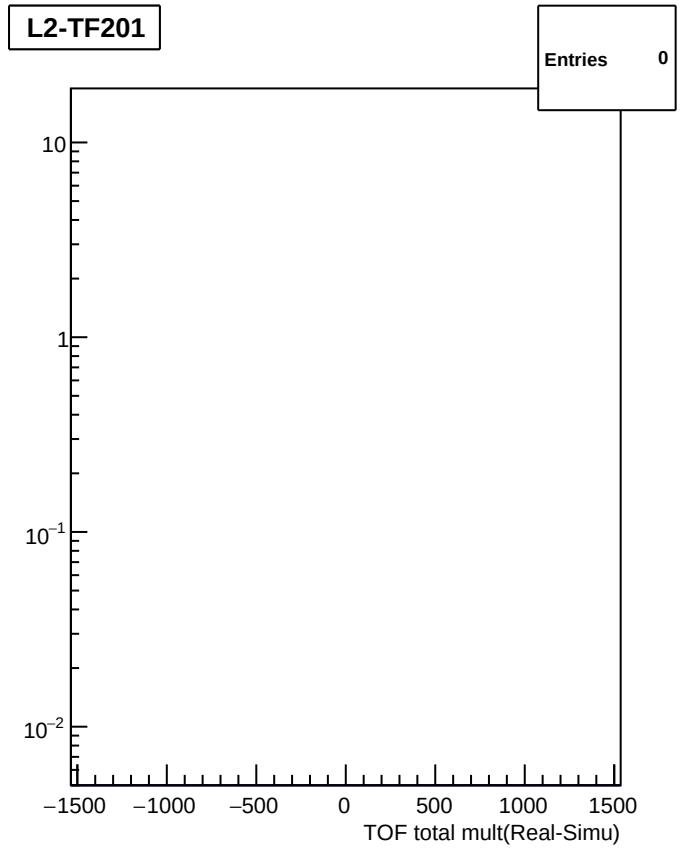

MIX-TF101
Entries 2001600
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

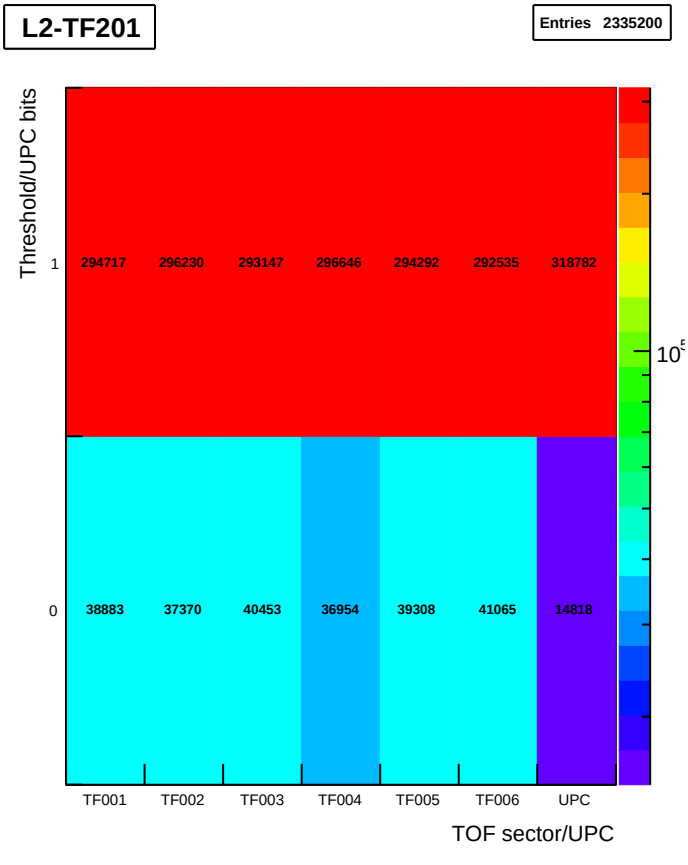

MIX-TF101
Entries 104627
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

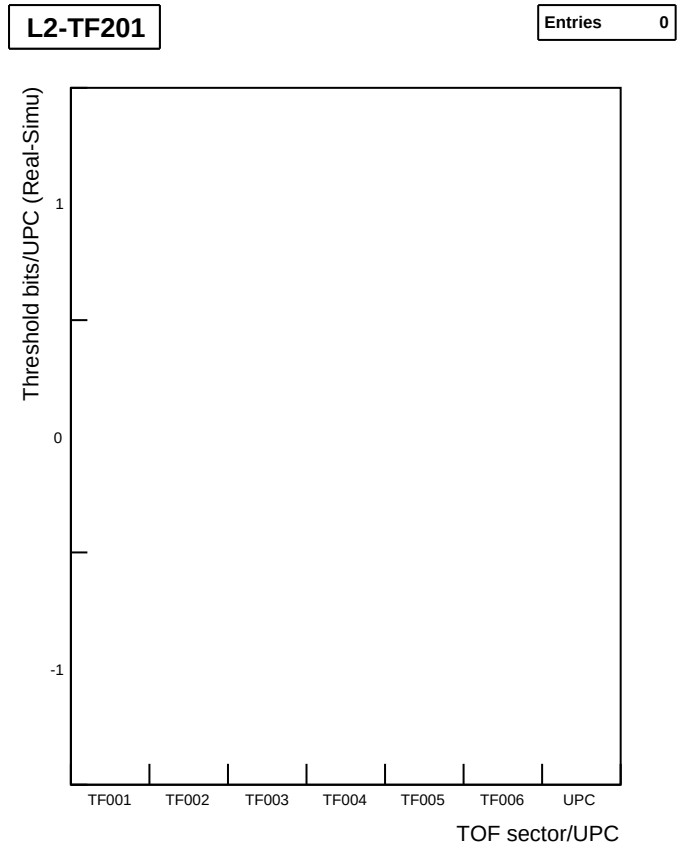

MIX-TF101
Entries 2001600
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

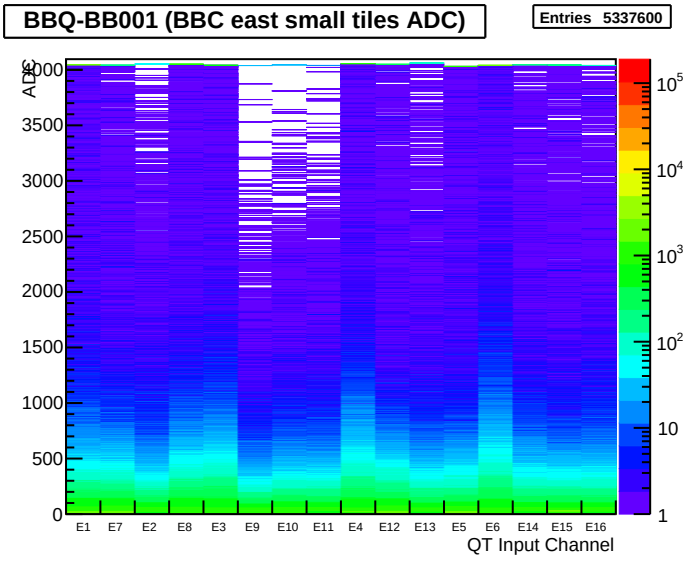

MIX-TF101
Entries 228365
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

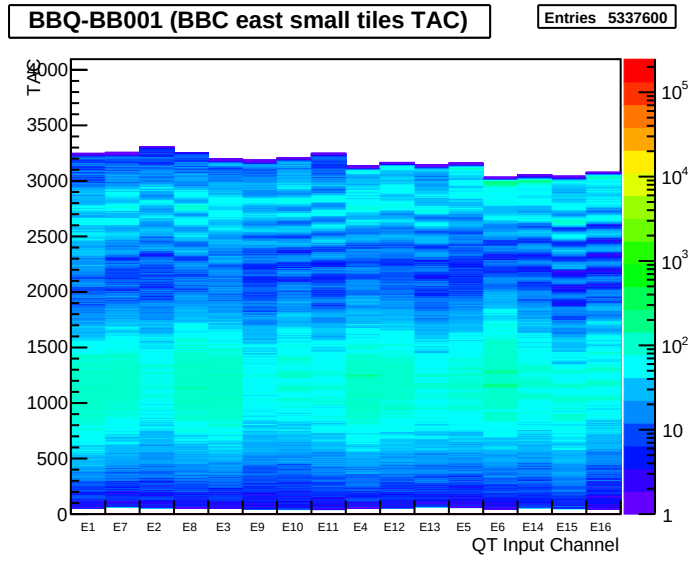

L2-TF201
Entries 333600
TOF total mult

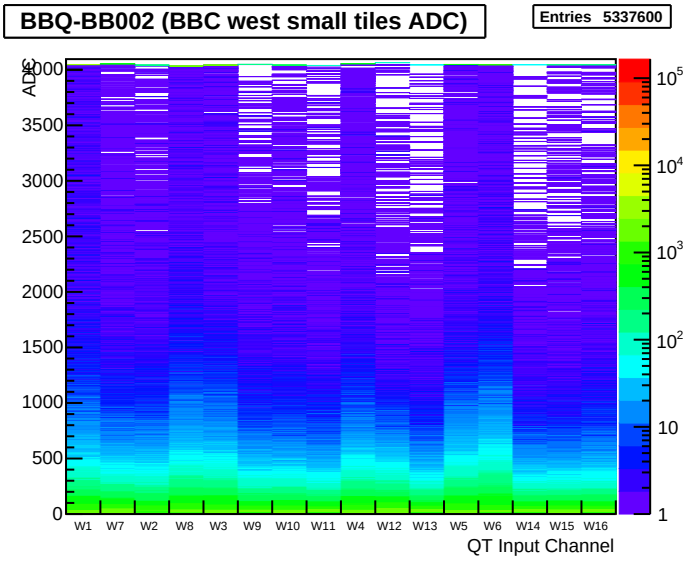

L2-TF201
Entries 0
TOF total mult(Real-Simu)

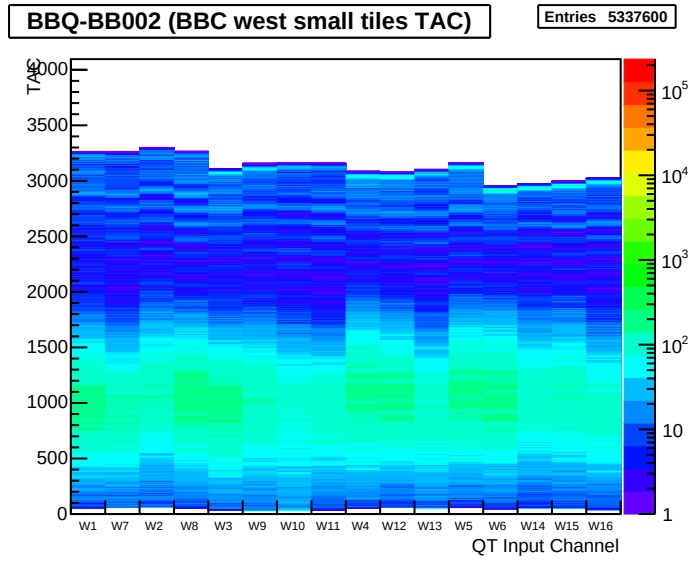

L2-TF201
Entries 2335200
Threshold/UPC bits
294717 296230 293147 296646 294292 292535 318782
38883 37370 40453 36954 39308 41065 14818
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

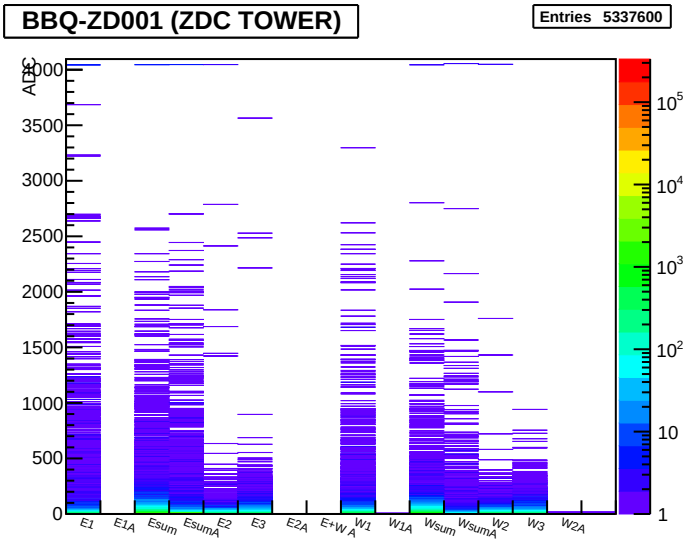

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

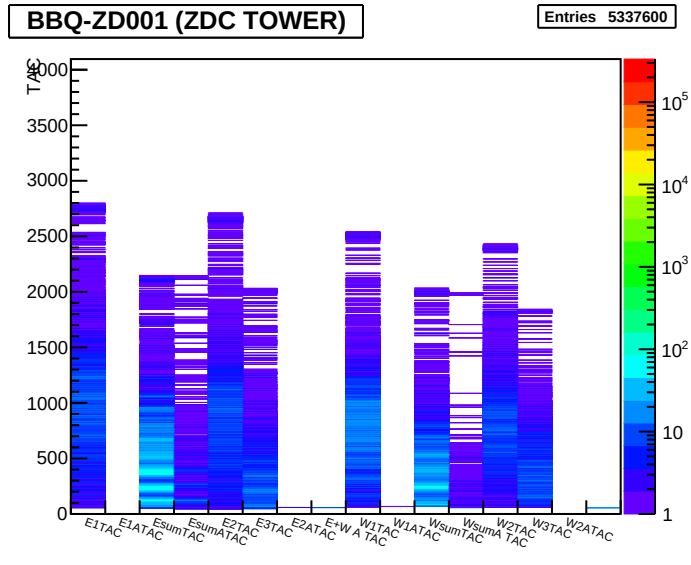

BBQ-BB001 (BBC east small tiles ADC)
Entries 5337600
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

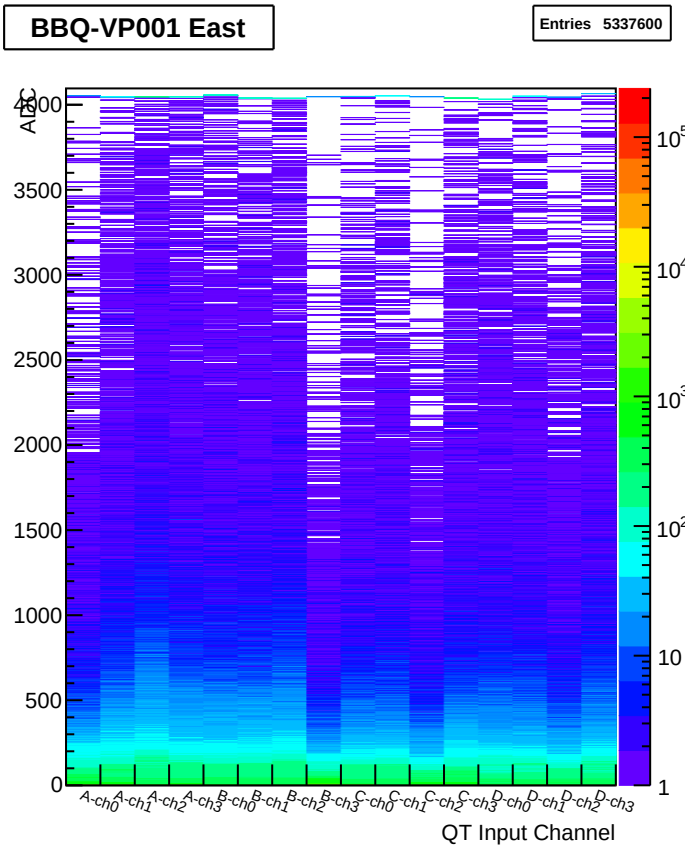

BBQ-BB001 (BBC east small tiles TAC)
Entries 5337600
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

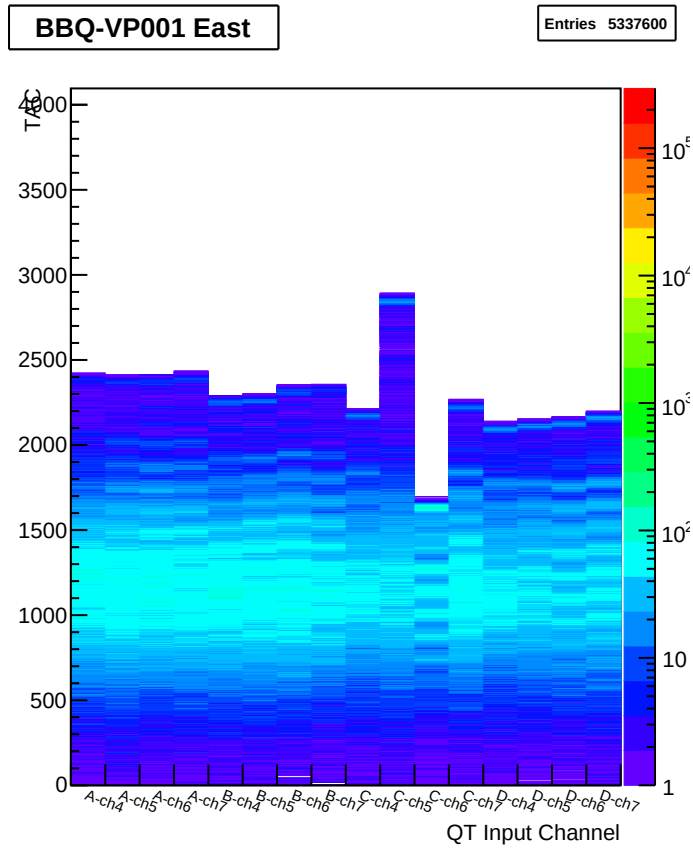

BBQ-BB002 (BBC west small tiles ADC)
Entries 5337600
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

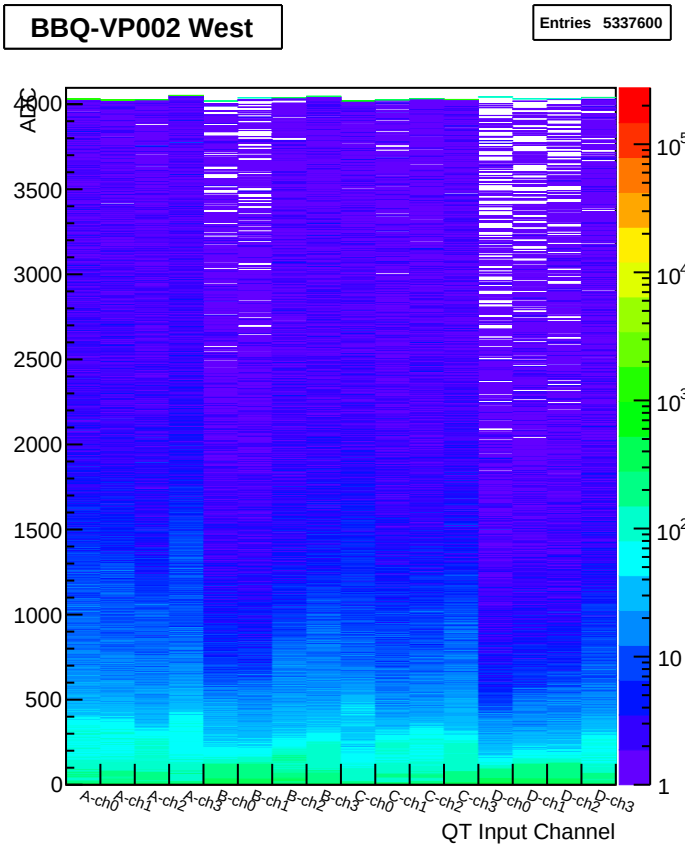

BBQ-BB002 (BBC west small tiles TAC)
Entries 5337600
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

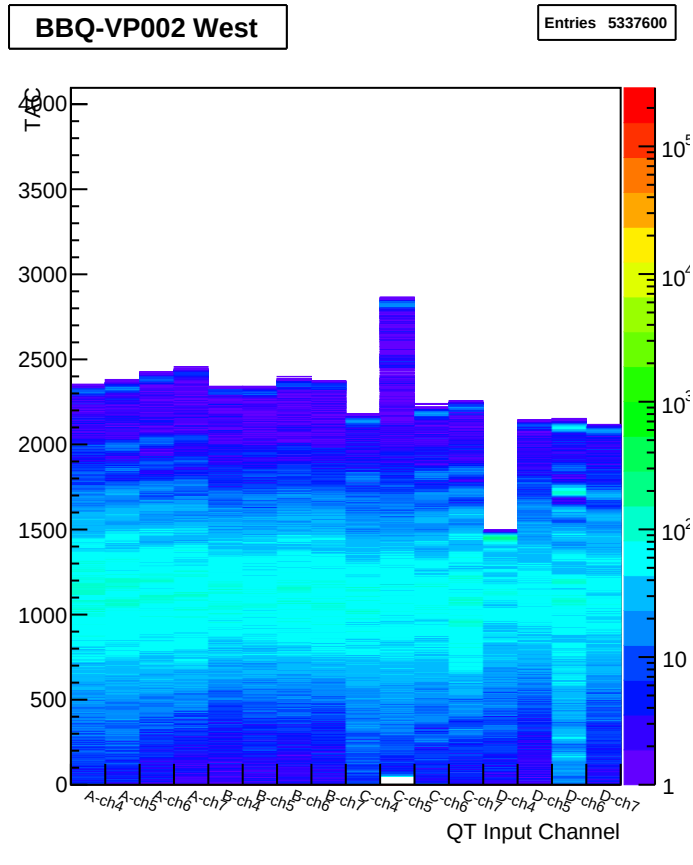

BBQ-ZD001 (ZDC TOWER)
Entries 5337600
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

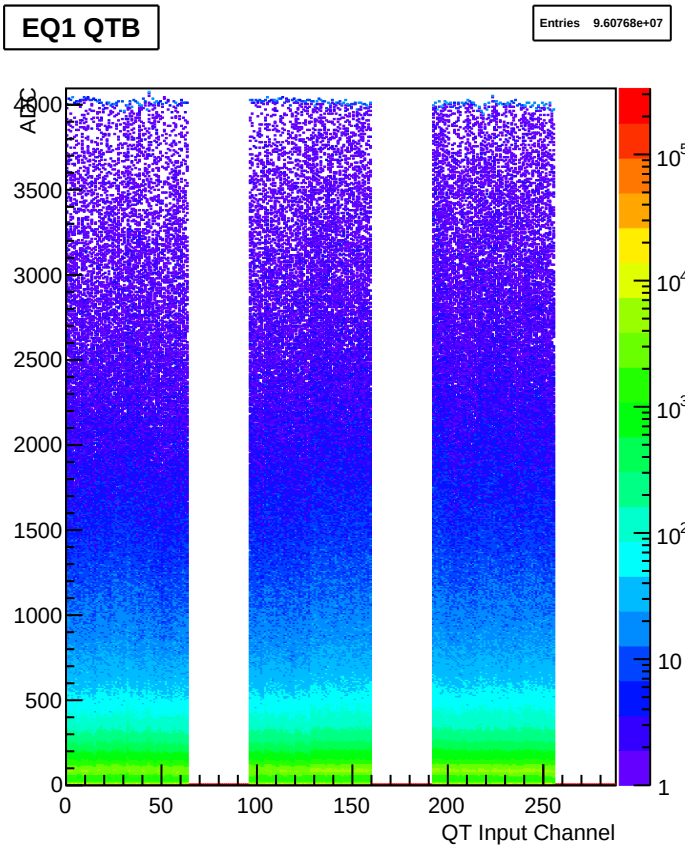

BBQ-ZD001 (ZDC TOWER)
Entries 5337600
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

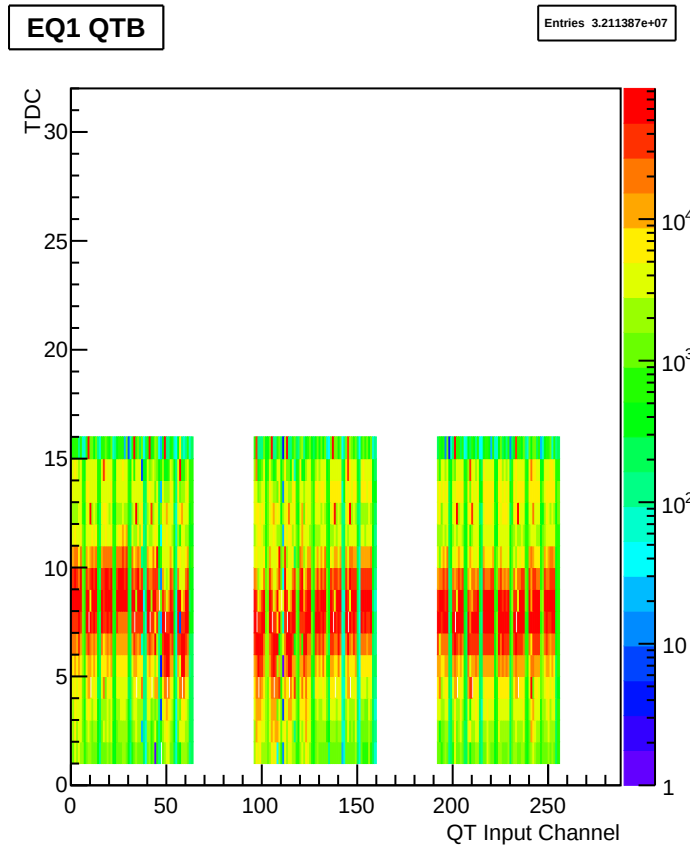

BBQ-VP001 East
Entries 5337600
ADC
QT Input Channel

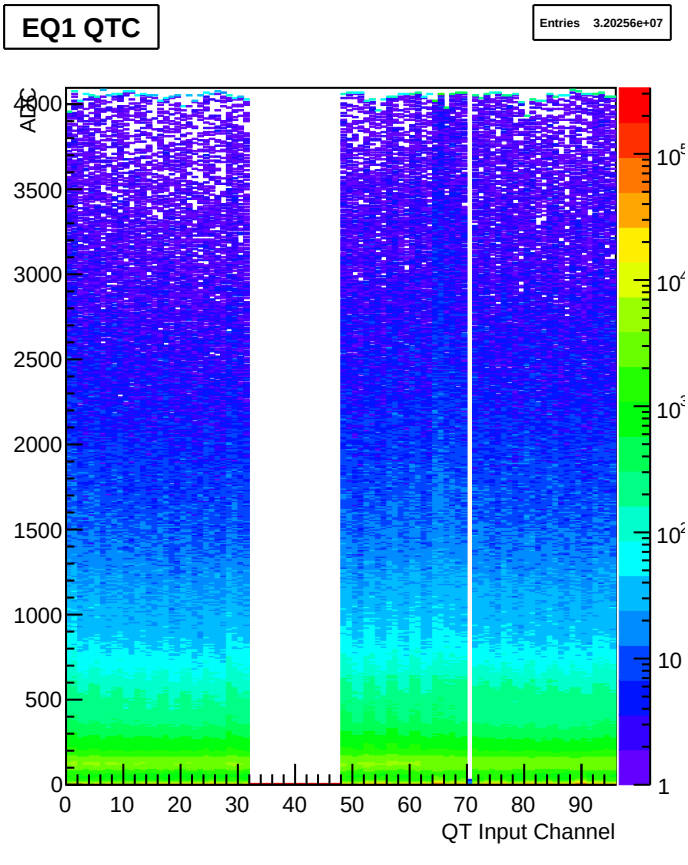

BBQ-VP001 East
Entries 5337600
TADC
QT Input Channel

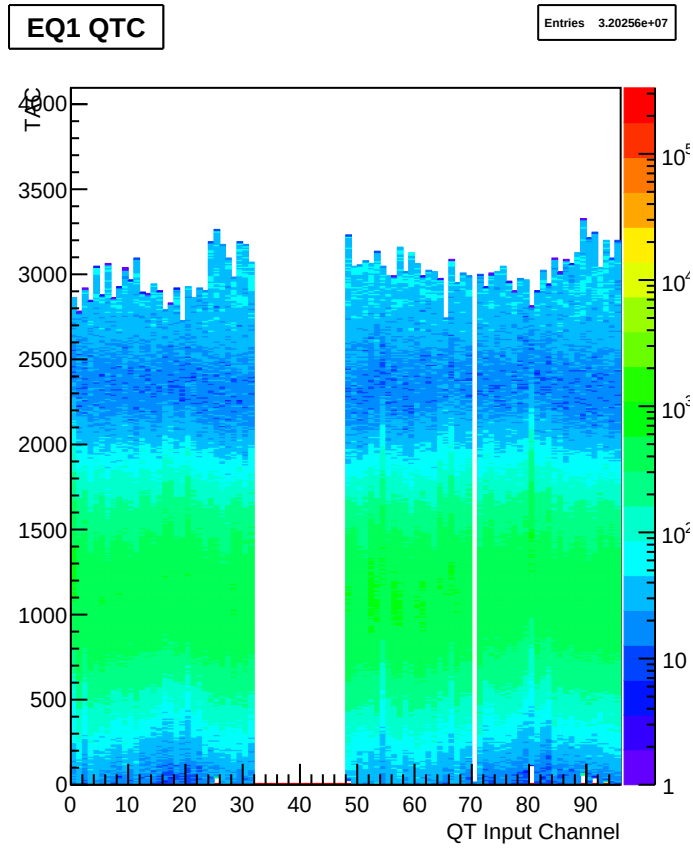

BBQ-VP002 West
Entries 5337600
ADC
QT Input Channel

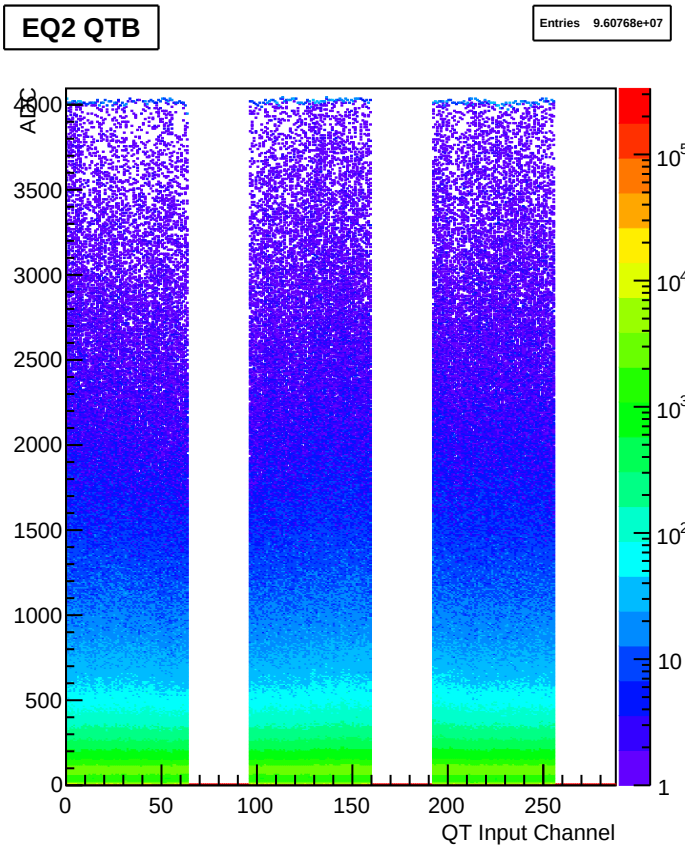

BBQ-VP002 West
Entries 5337600
TADC
QT Input Channel

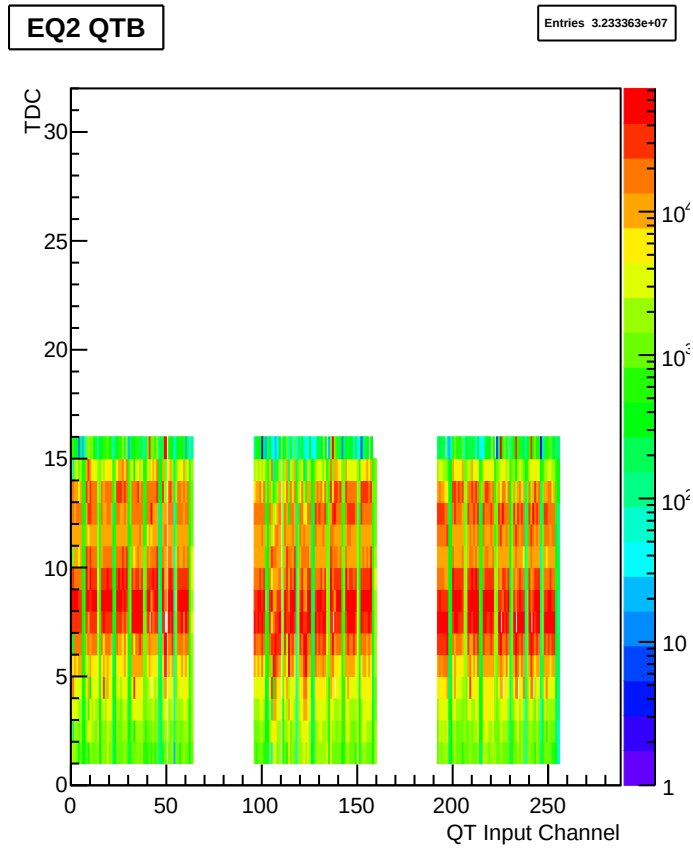

EQ1 QTB
Entries 9.60768e+07
ADC
QT Input Channel

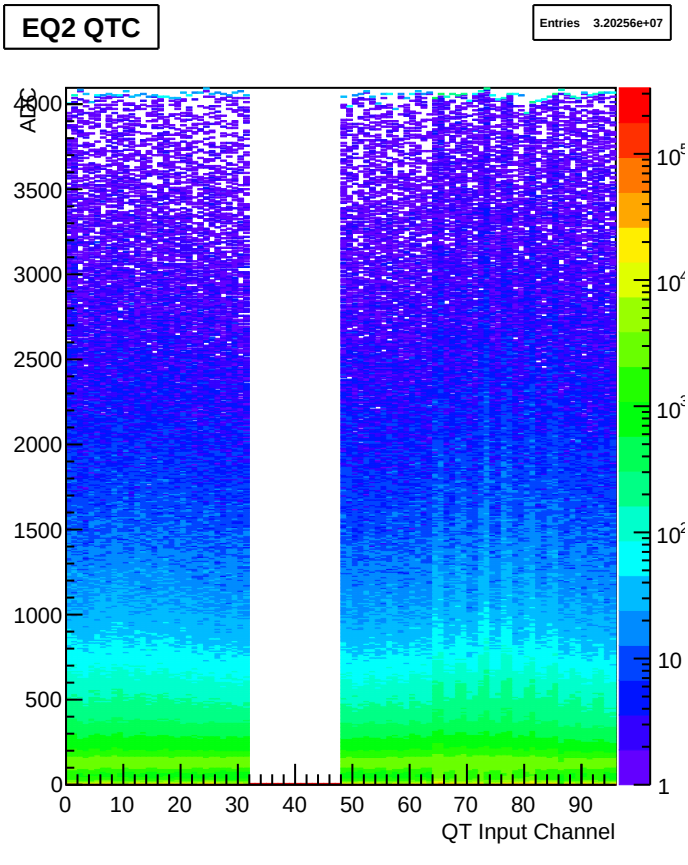

EQ1 QTB
Entries 3.211387e+07
TDC
QT Input Channel

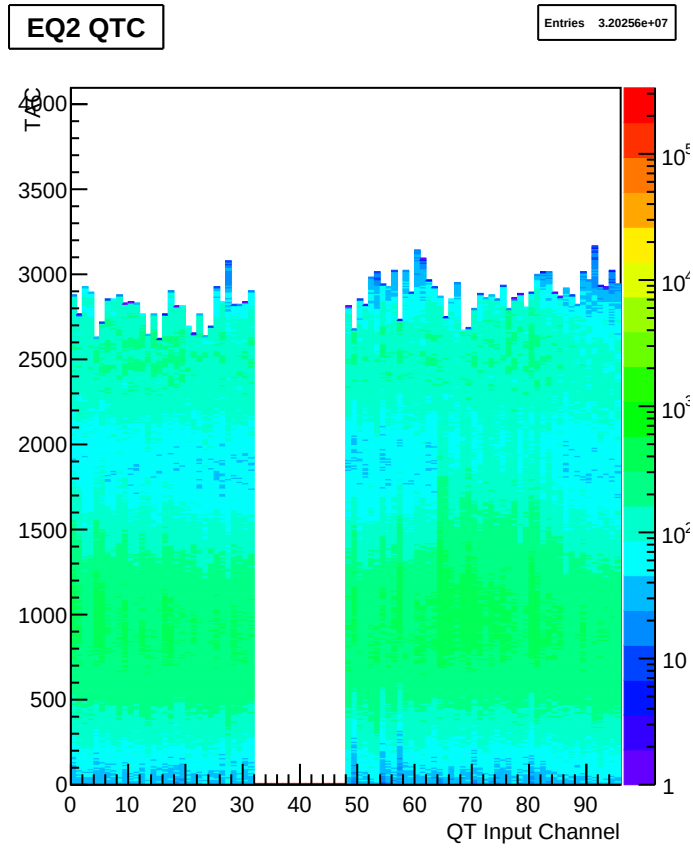

EQ1 QTC
Entries 3.20256e+07
ADC
QT Input Channel

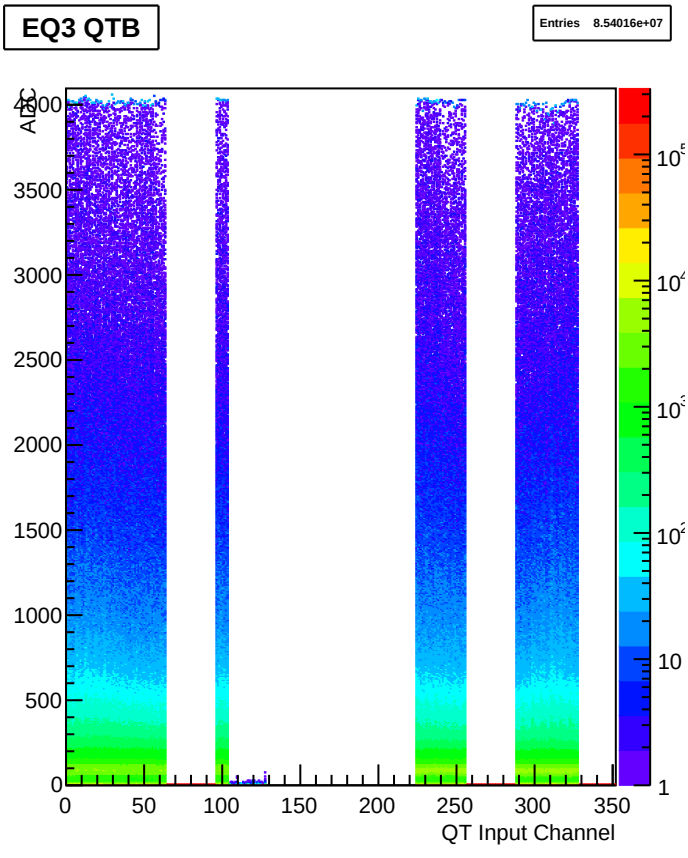

EQ1 QTC
Entries 3.20256e+07
TADC
QT Input Channel

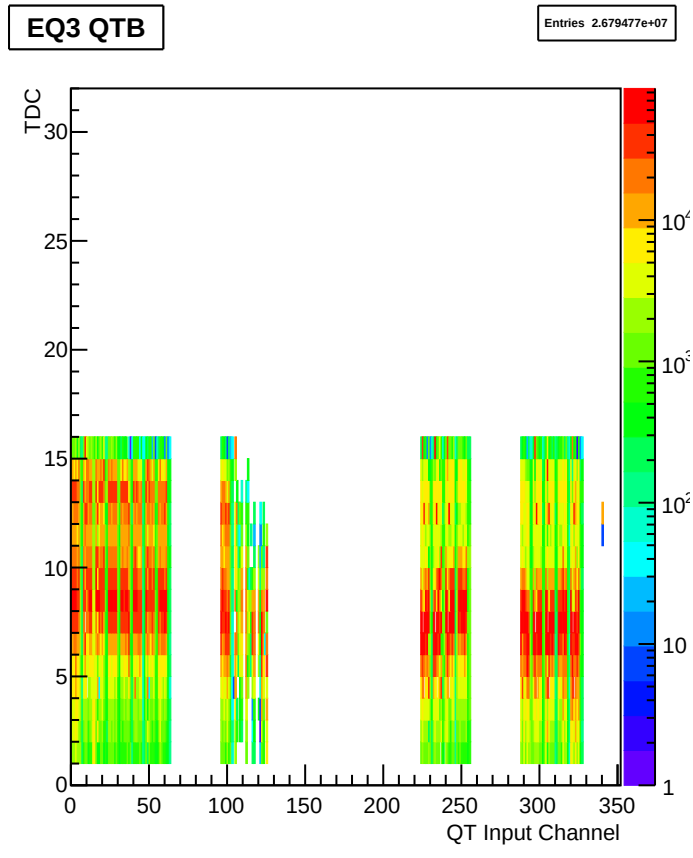

EQ2 QTB
Entries 9.60768e+07
ADC
QT Input Channel

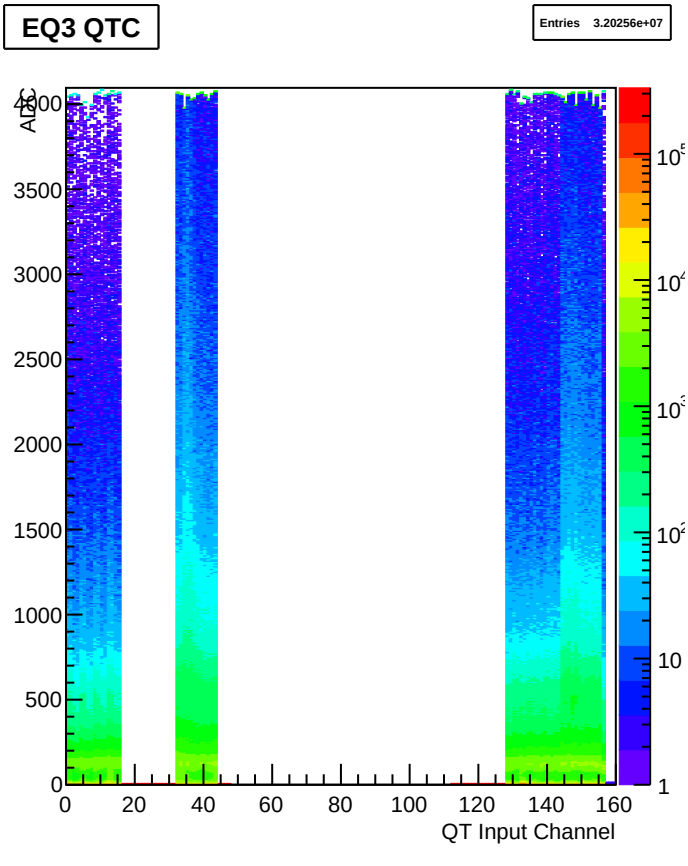

EQ2 QTB
Entries 3.233363e+07
TDC
QT Input Channel

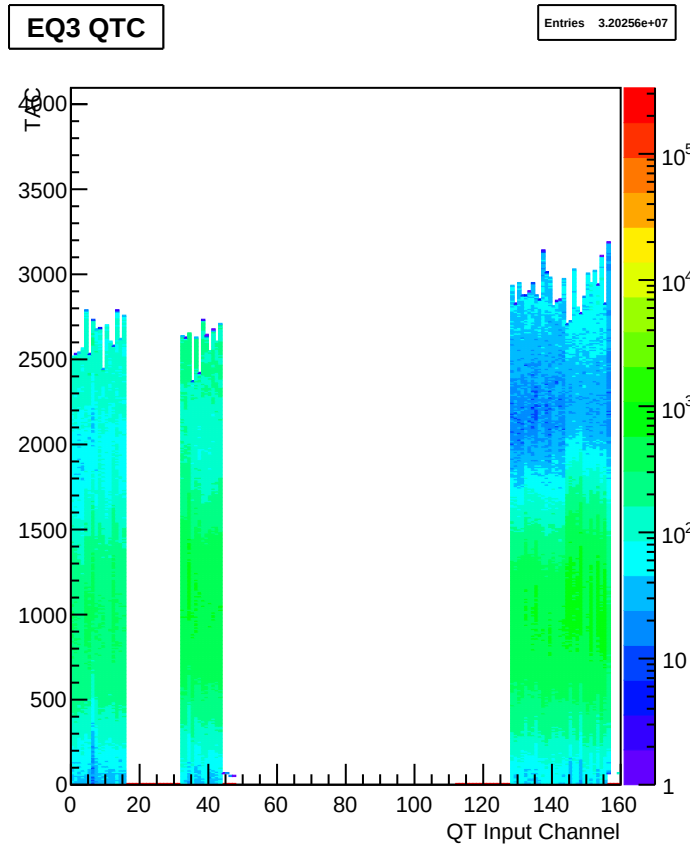

EQ2 QTC
Entries 3.20256e+07
ADC
QT Input Channel

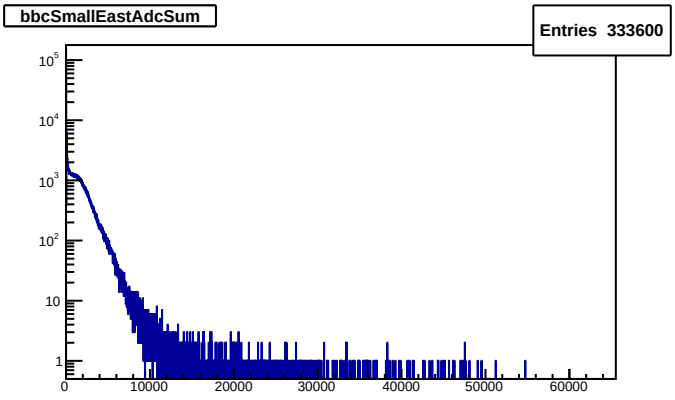

EQ2 QTC
Entries 3.20256e+07
TADC
QT Input Channel

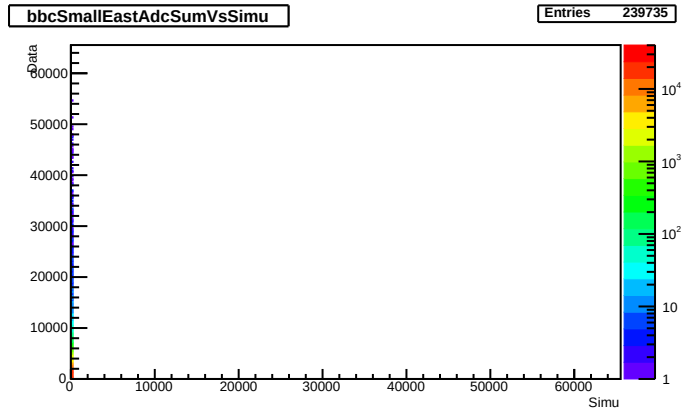

EQ3 QTB
Entries 8.54016e+07
ADC
QT Input Channel

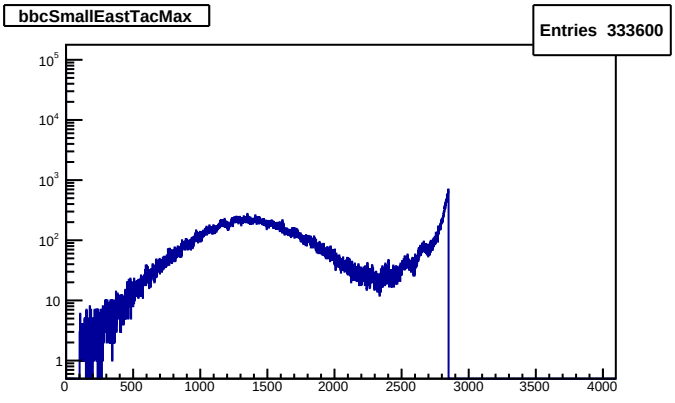

EQ3 QTB
Entries 2.679477e+07
TDC
QT Input Channel

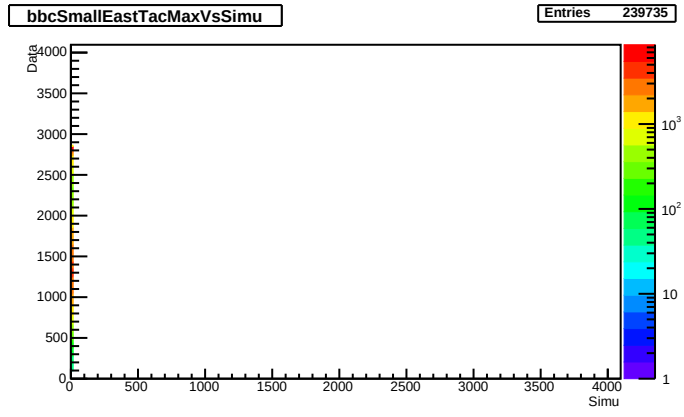

EQ3 QTC
Entries 3.20256e+07
ADC
QT Input Channel

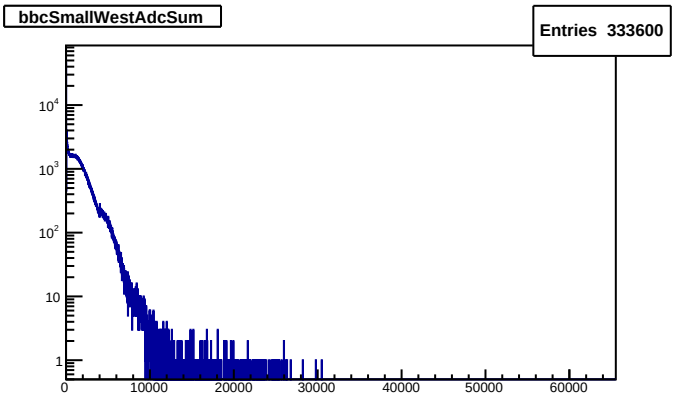

EQ3 QTC
Entries 3.20256e+07
TADC
QT Input Channel

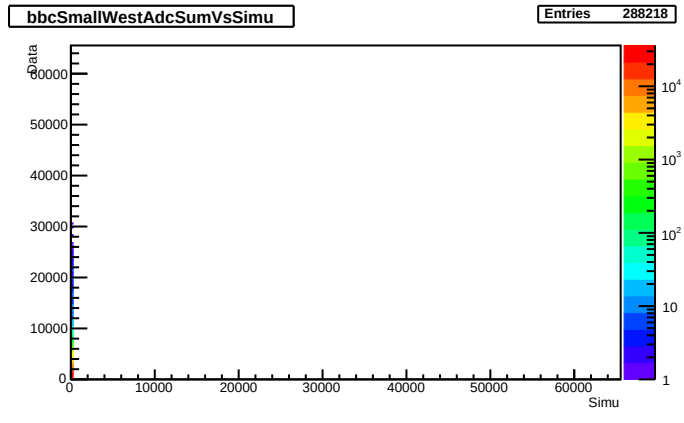

bbcSmallEastAdcSum
Entries 333600

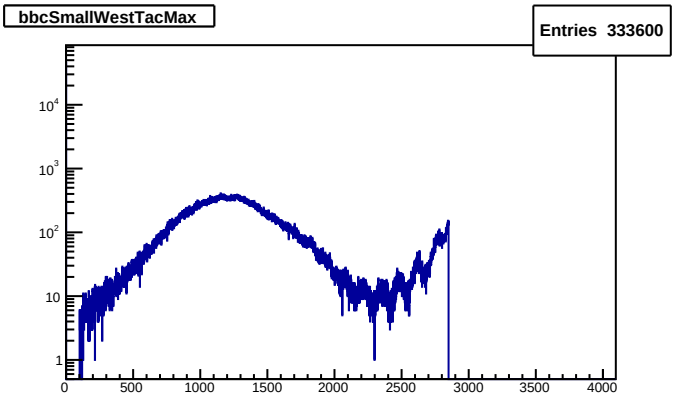

bbcSmallEastAdcSumVsSimu
Entries 239735
Data
Simu

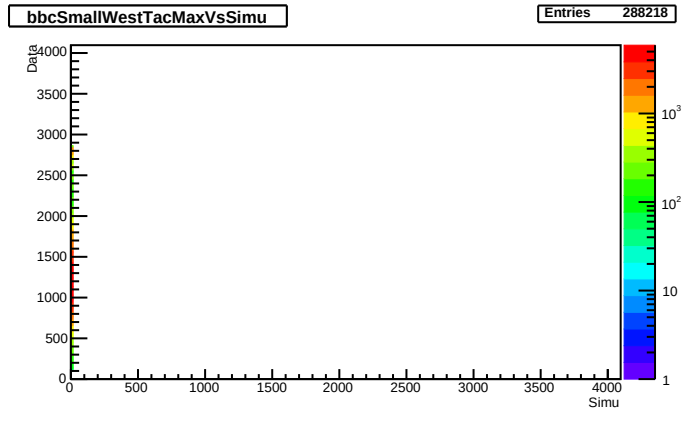

bbcSmallEastTacMax
Entries 333600

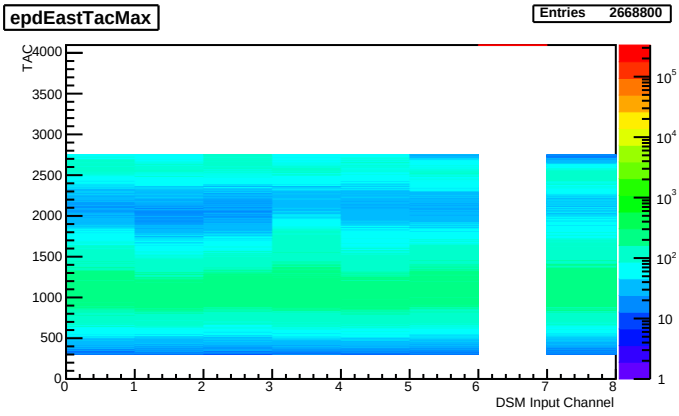

bbcSmallEastTacMaxVsSimu
Entries 239735
Data
Simu

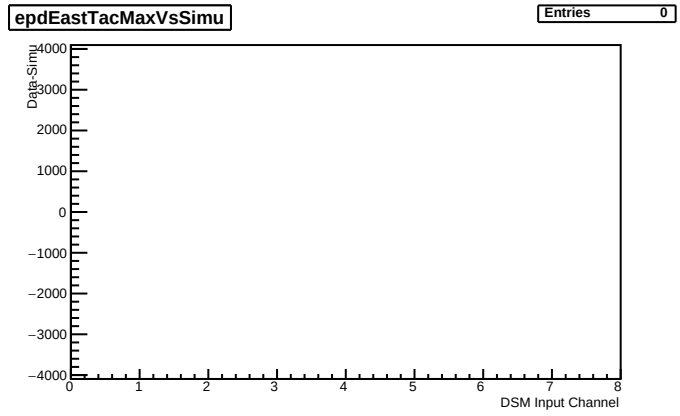

bbcSmallWestAdcSum
Entries 333600

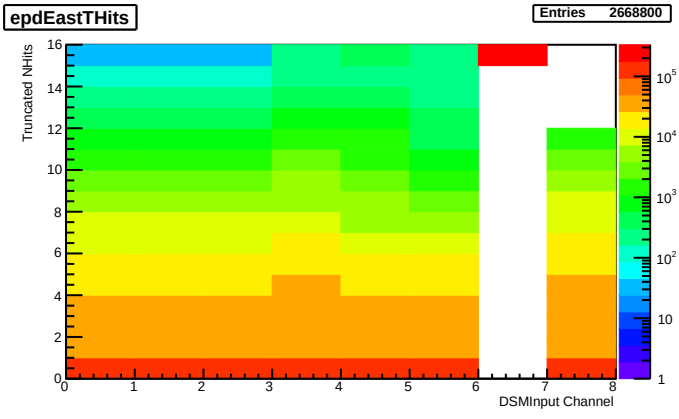

bbcSmallWestAdcSumVsSimu
Entries 288218
Data
Simu

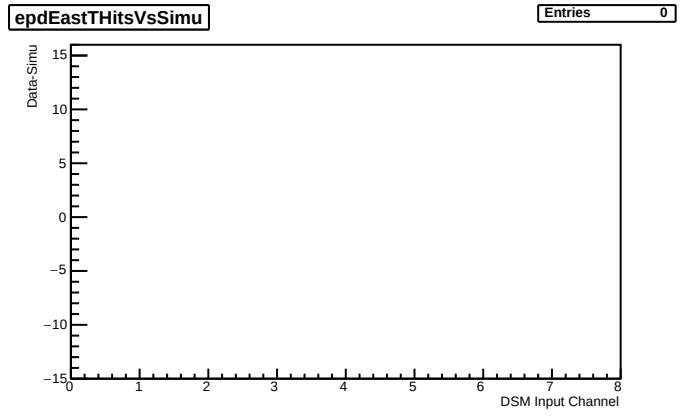

bbcSmallWestTacMax
Entries 333600

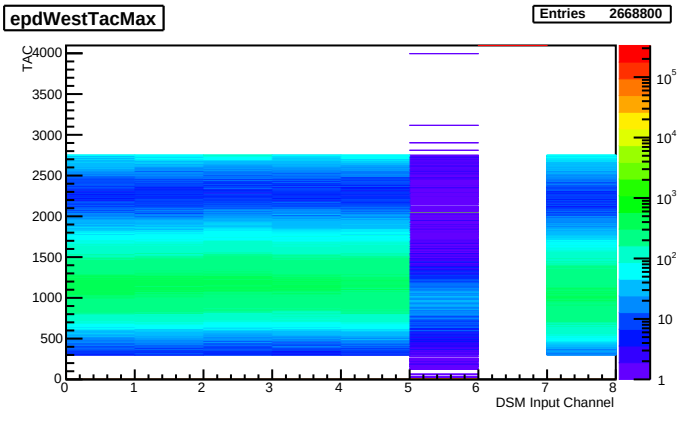

bbcSmallWestTacMaxVsSimu
Entries 288218
Data
Simu

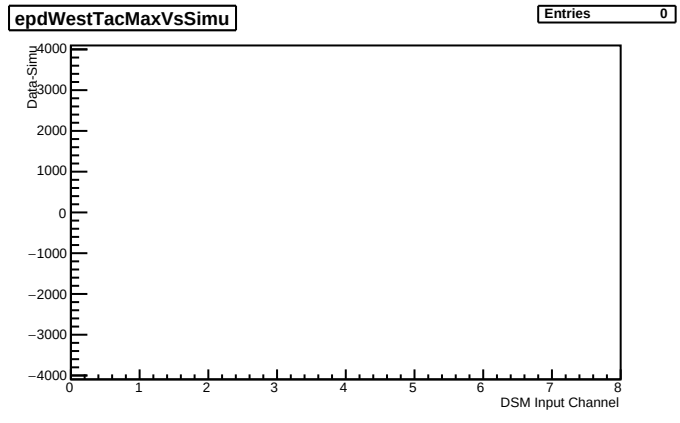

epdEastTacMax
Entries 2668800
TAC
DSM Input Channel

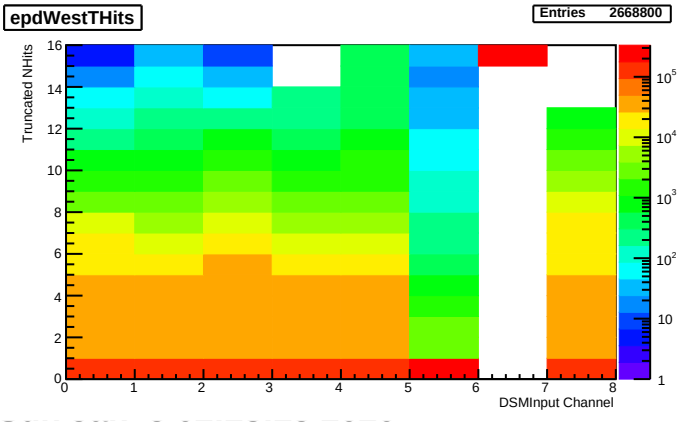

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

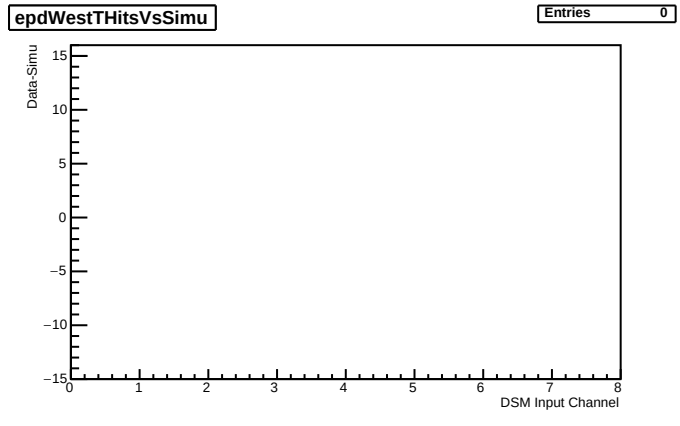

epdEastTHits
Entries 2668800
Truncated NHits
DSMInput Channel

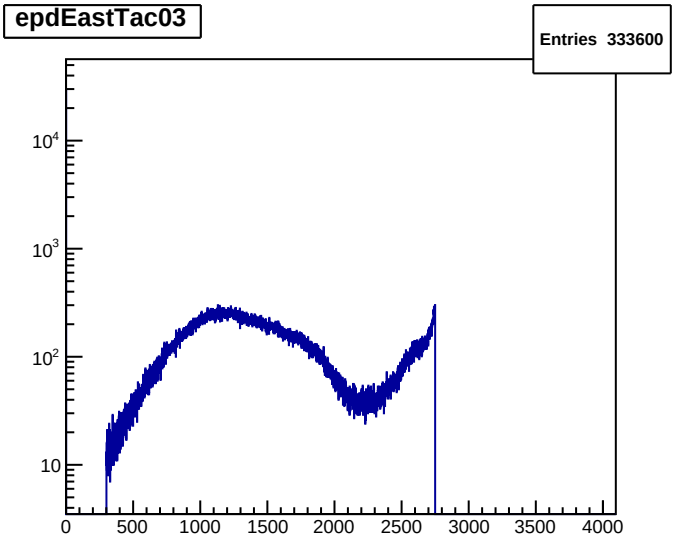

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

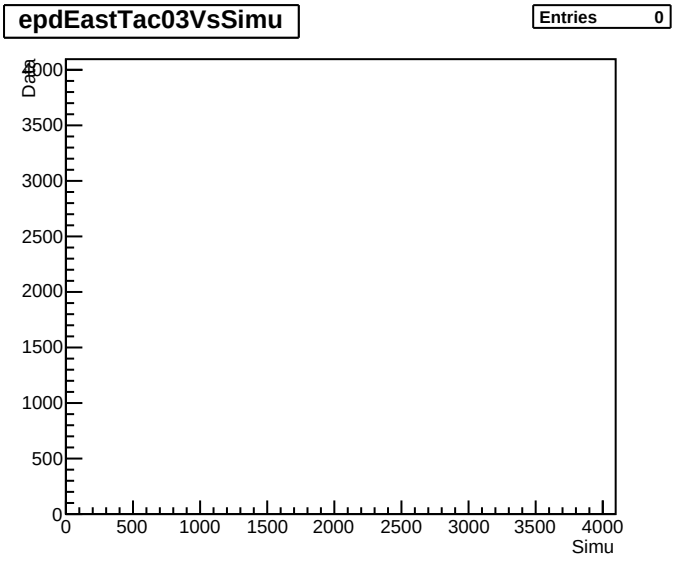

epdWestTacMax
Entries 2668800
TAC
DSM Input Channel

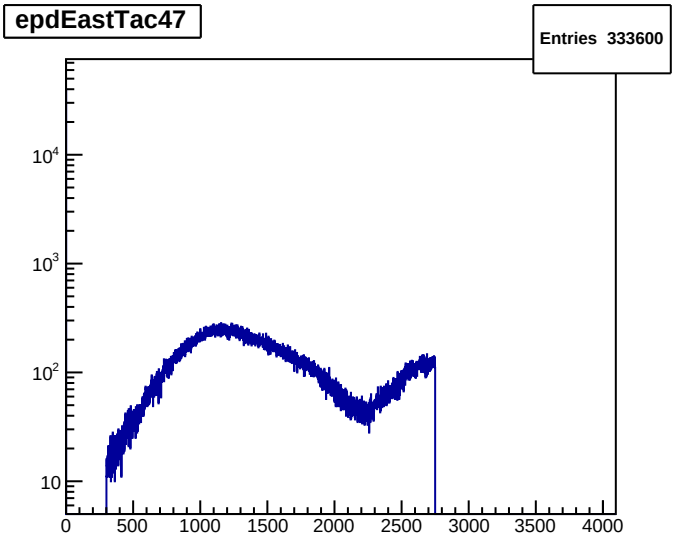

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

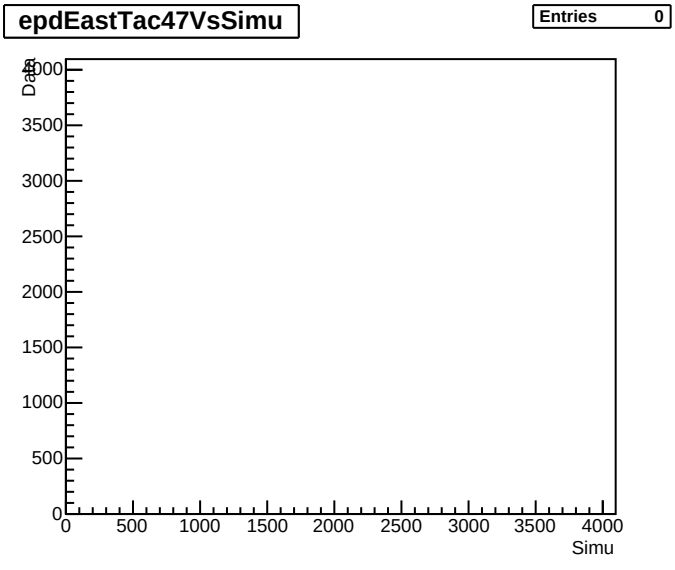

epdWestTHits
Entries 2668800
Truncated NHits
DSMInput Channel

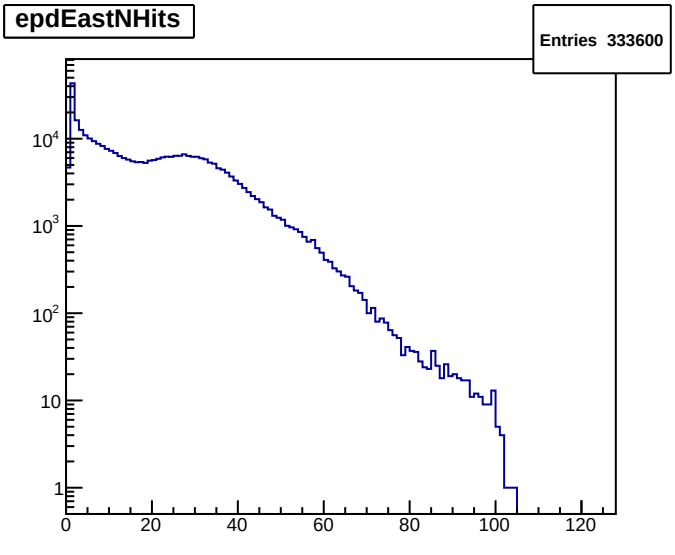

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

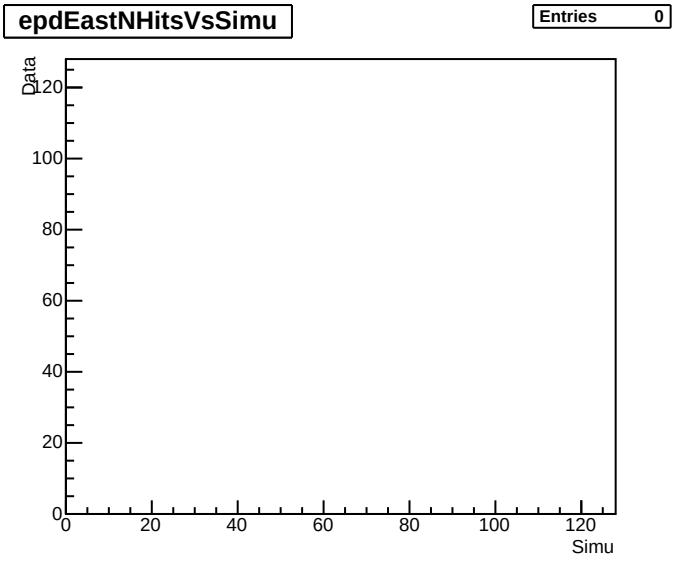

epdEastTac03
Entries 333600

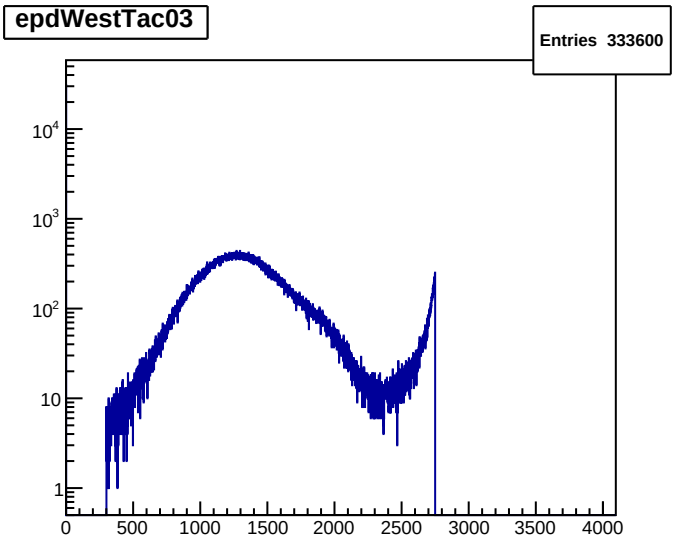

epdEastTac03VsSimu
Entries 0
Data
Simu

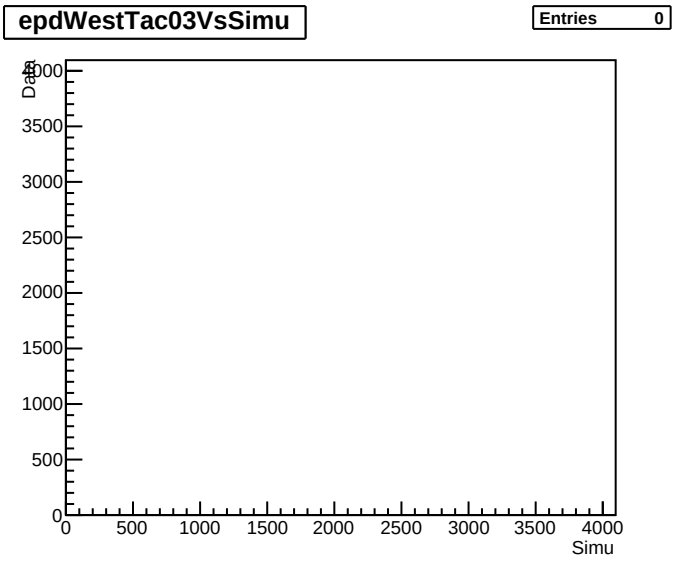

epdEastTac47
Entries 333600

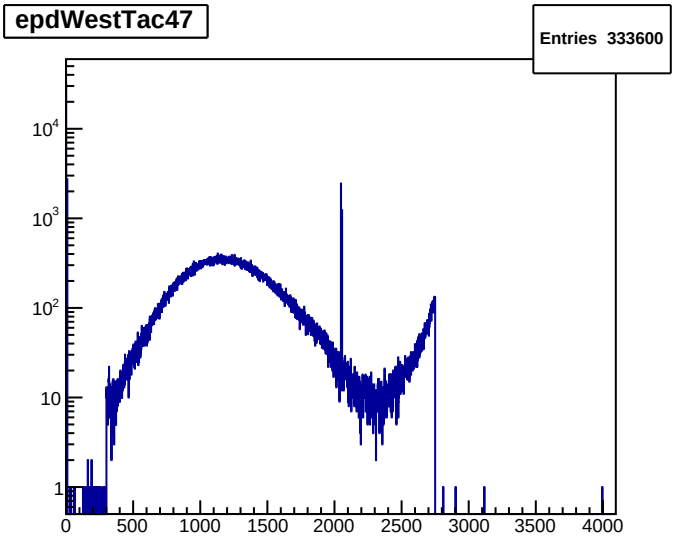

epdEastTac47VsSimu
Entries 0
Data
Simu

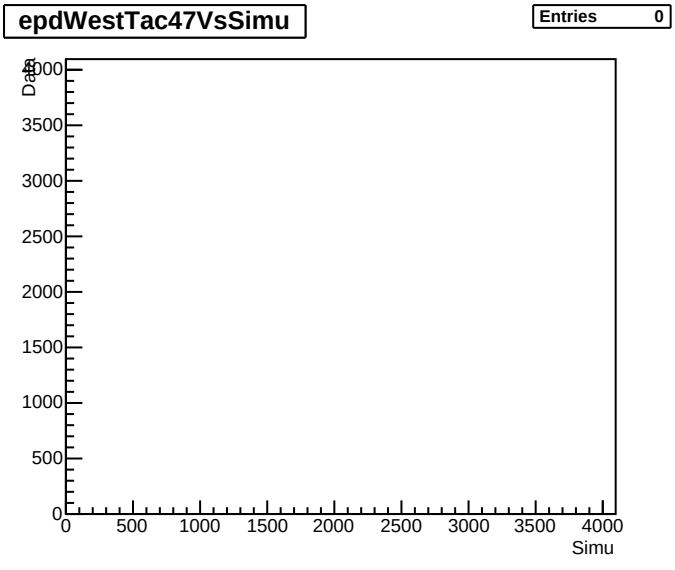

epdEastNHits
Entries 333600

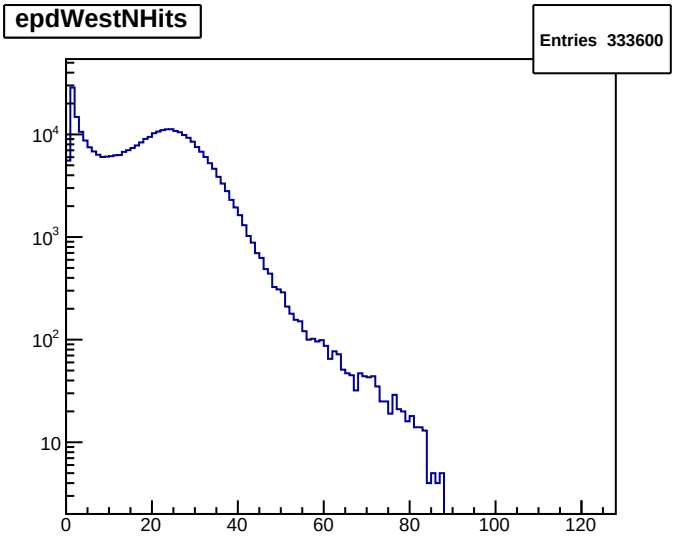

epdEastNHitsVsSimu
Entries 0
Data
Simu

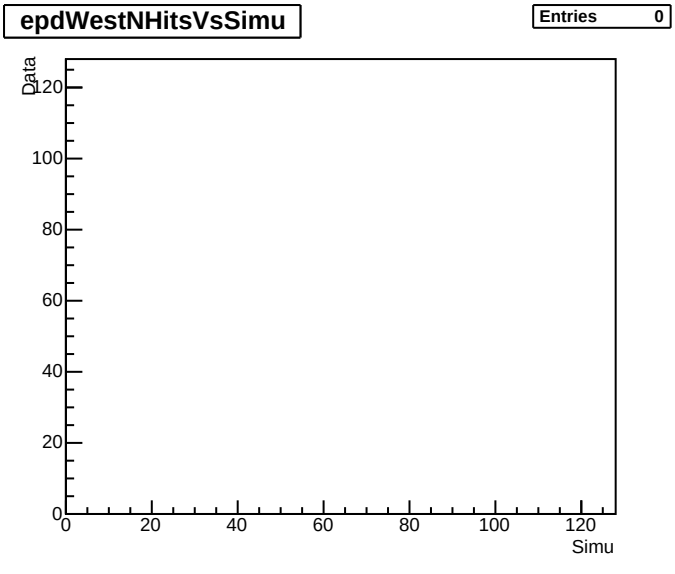

epdWestTac03
Entries 333600

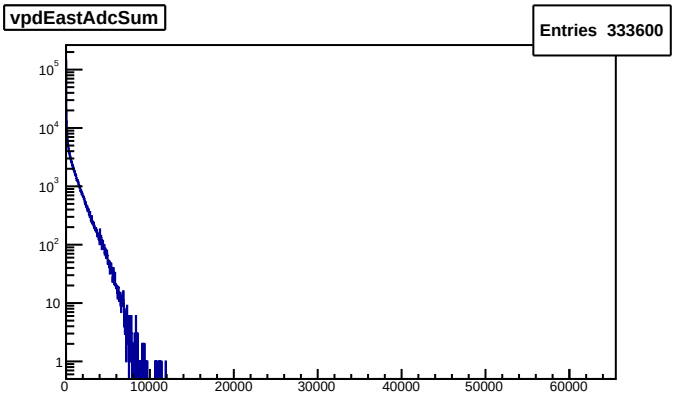

epdWestTac03VsSimu
Entries 0
Data
Simu

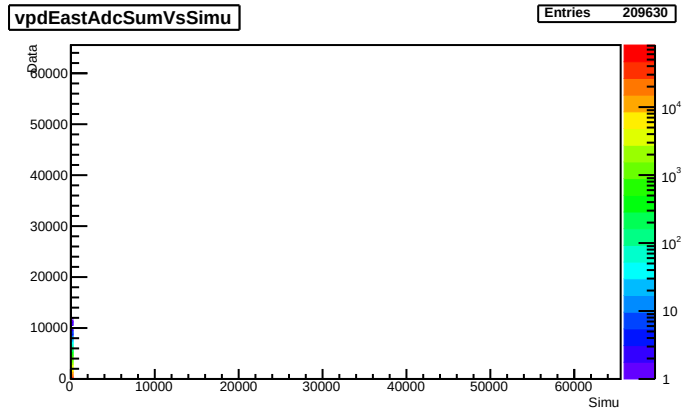

epdWestTac47
Entries 333600

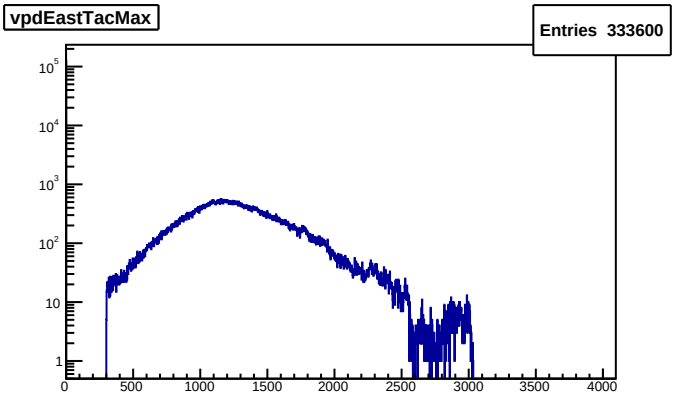

epdWestTac47VsSimu
Entries 0
Data
Simu

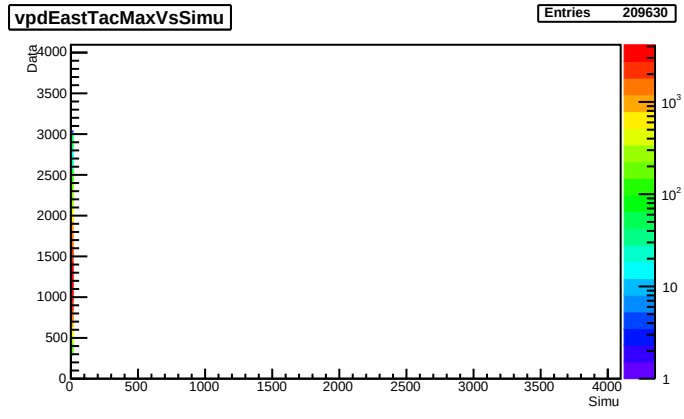

epdWestNHits
Entries 333600

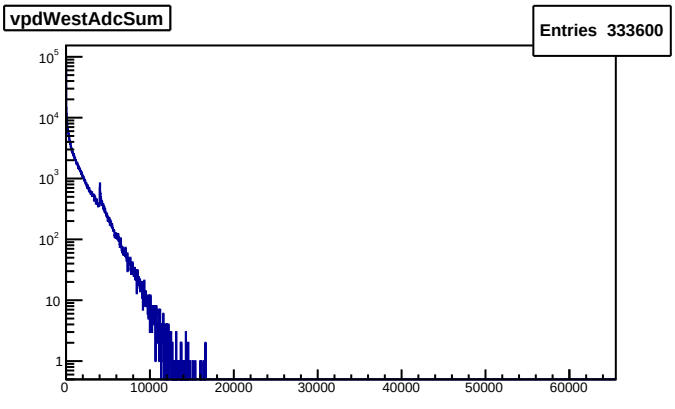

epdWestNHitsVsSimu
Entries 0
Data
Simu

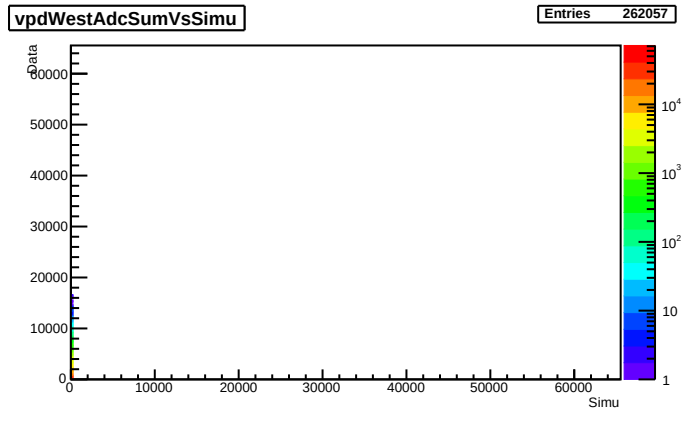

vpdEastAdcSum
Entries 333600

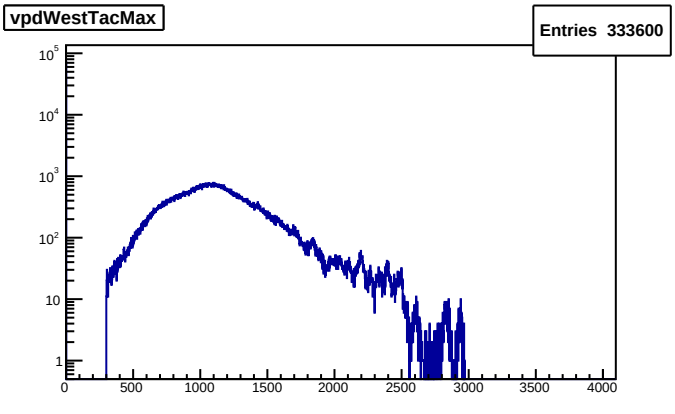

vpdEastAdcSumVsSimu
Entries 209630
Data
Simu

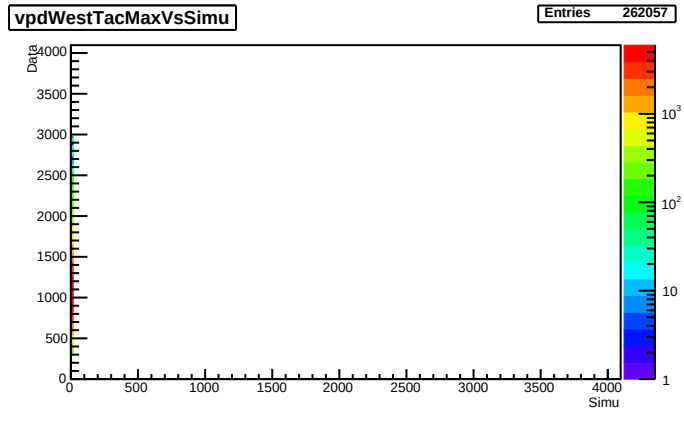

vpdEastTacMax
Entries 333600

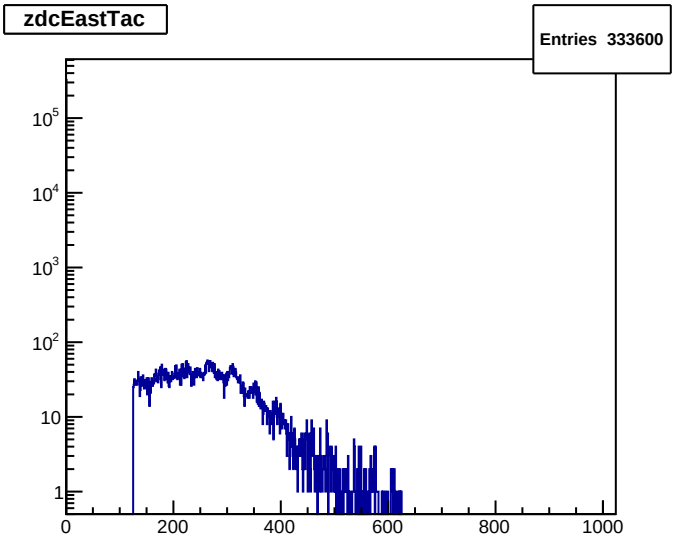

vpdEastTacMaxVsSimu
Entries 209630
Data
Simu

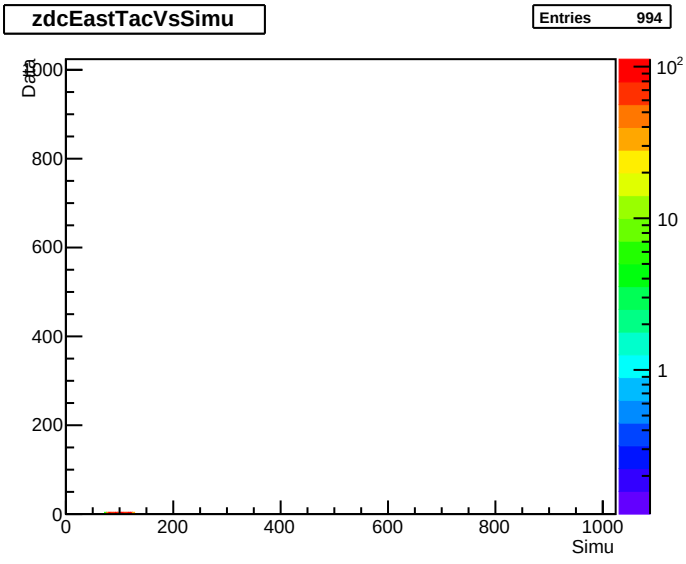

vpdWestAdcSum
Entries 333600

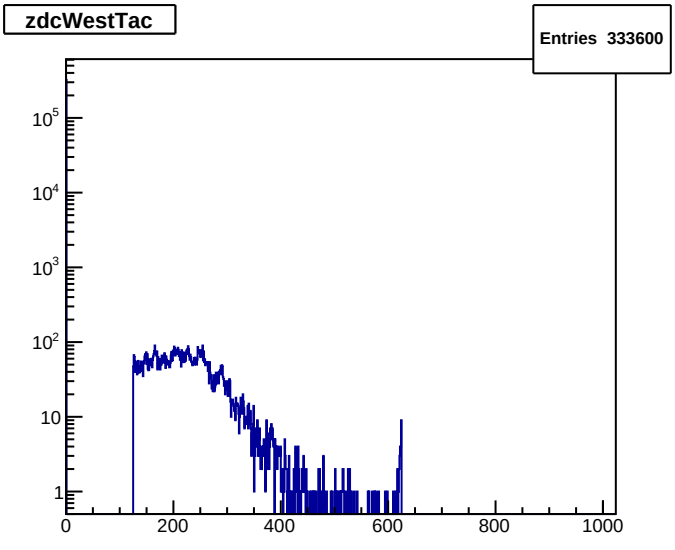

vpdWestAdcSumVsSimu
Entries 262057
Data
Simu

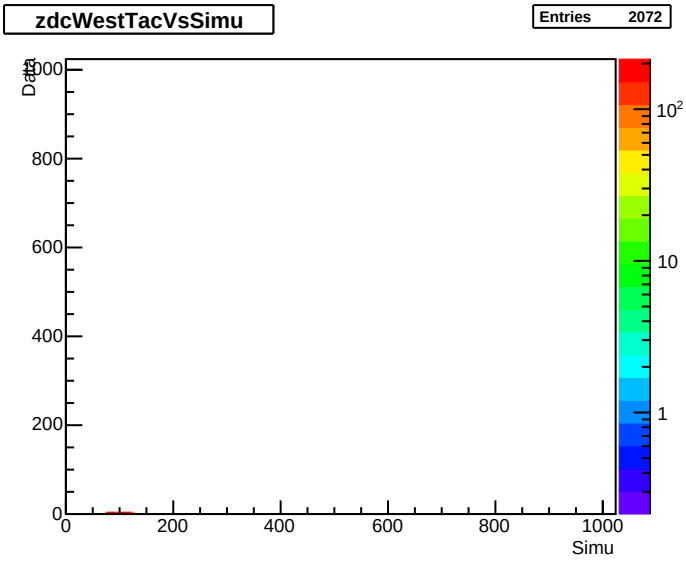

vpdWestTacMax
Entries 333600

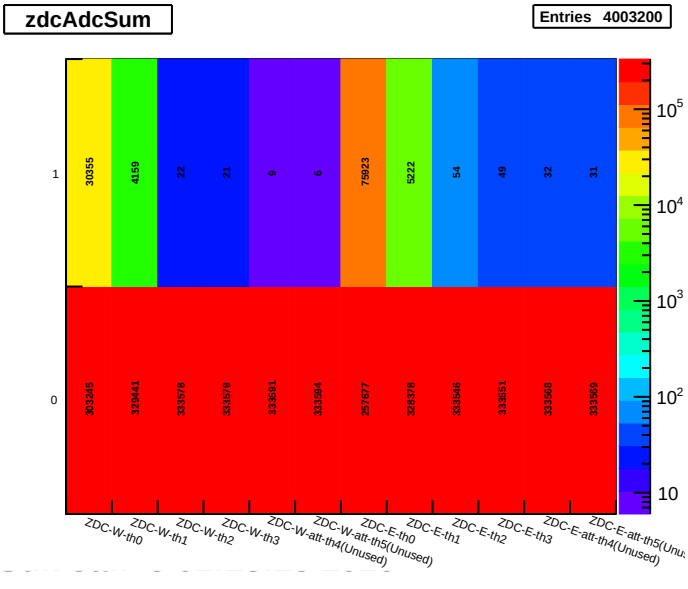

vpdWestTacMaxVsSimu
Entries 262057
Data
Simu

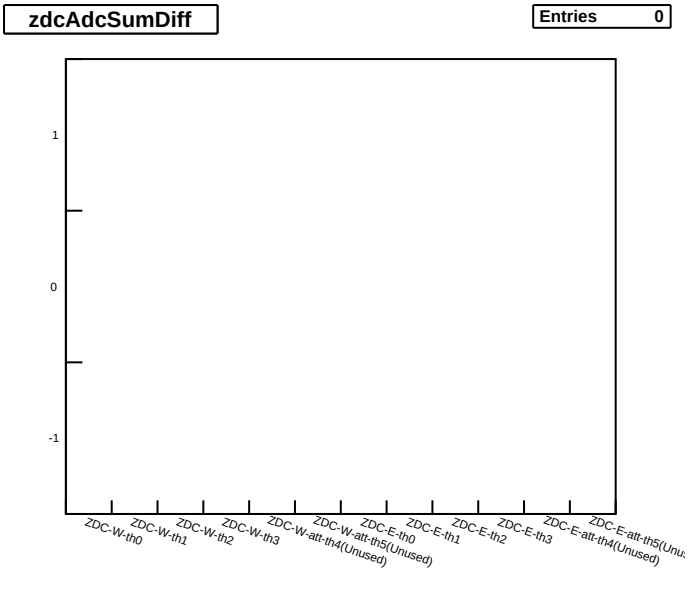

zdcEastTac
Entries 333600

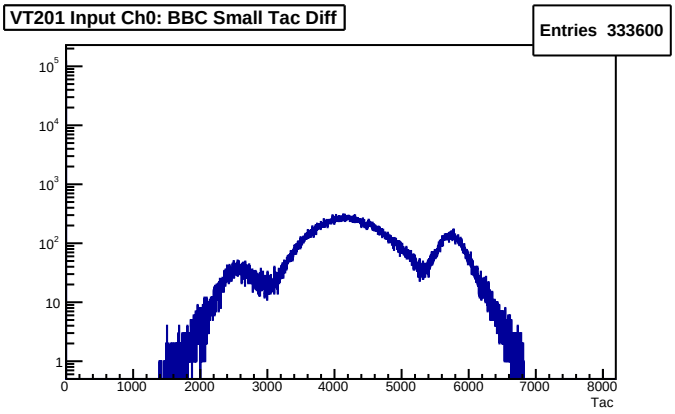

zdcEastTacVsSimu
Entries 994
Data
Simu

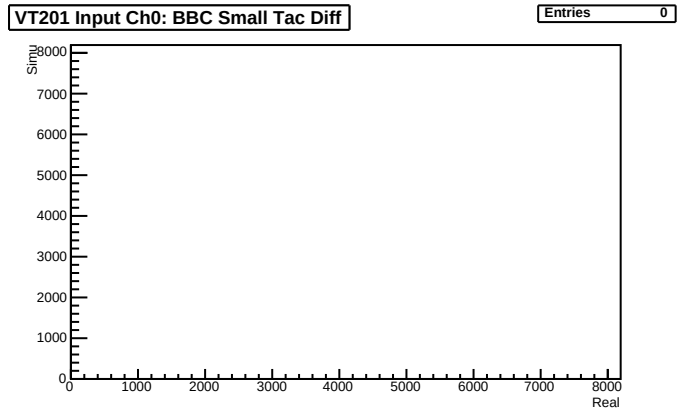

zdcWestTac
Entries 333600

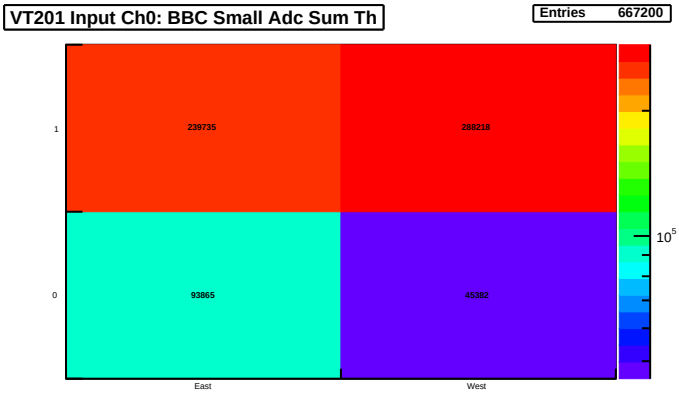

zdcWestTacVsSimu
Entries 2072
Data
Simu

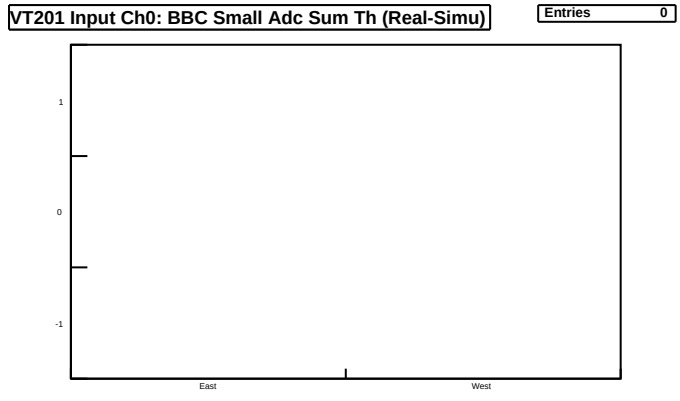

zdcAdcSum
Entries 4003200
30355
4159
22
21
9
6
75923
5222
54
49
32
31
303245
329441
333578
333579
333591
333594
257677
328378
333546
333551
333568
333569
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

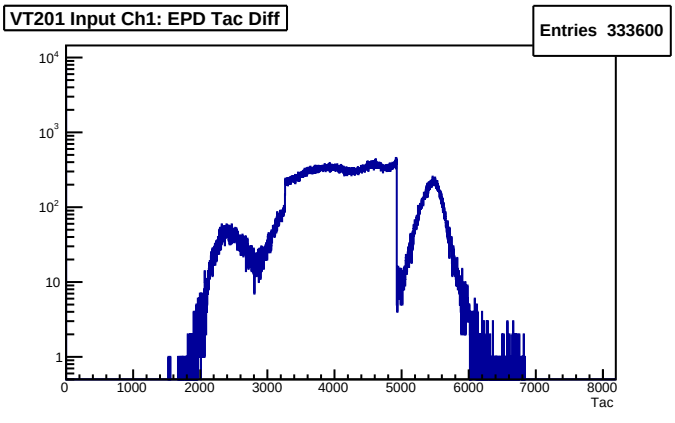

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

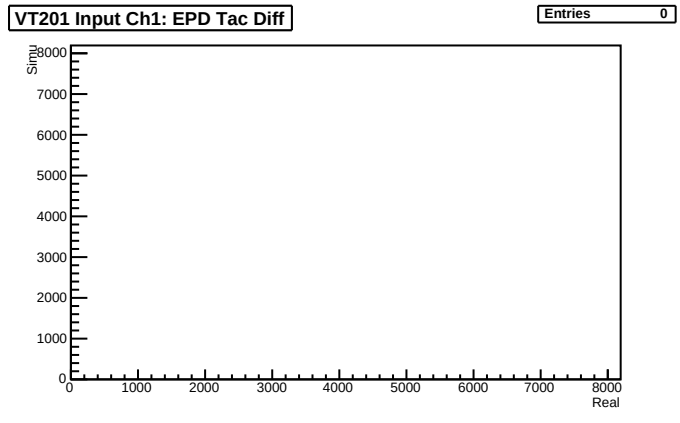

VT201 Input Ch0: BBC Small Tac Diff
Entries 333600
Tac

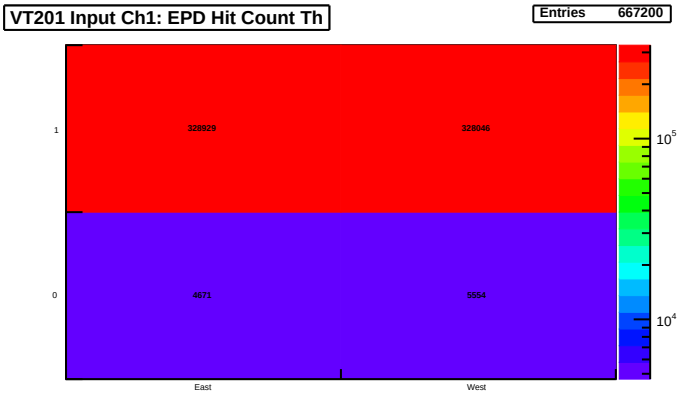

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

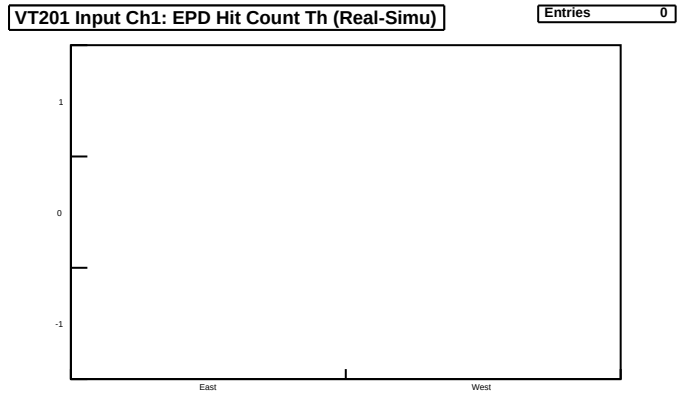

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 667200
239735
288218
93865
45382
East
West

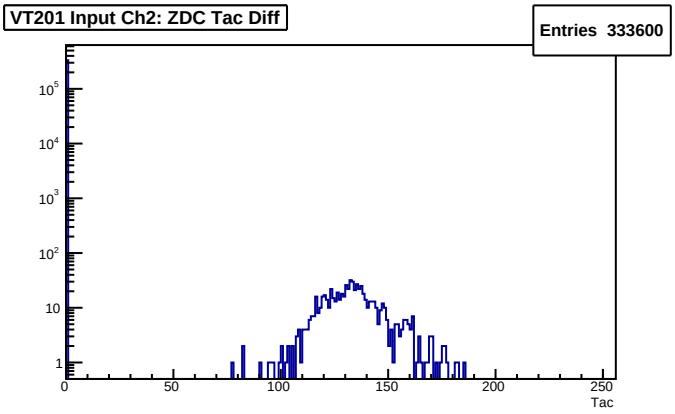

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

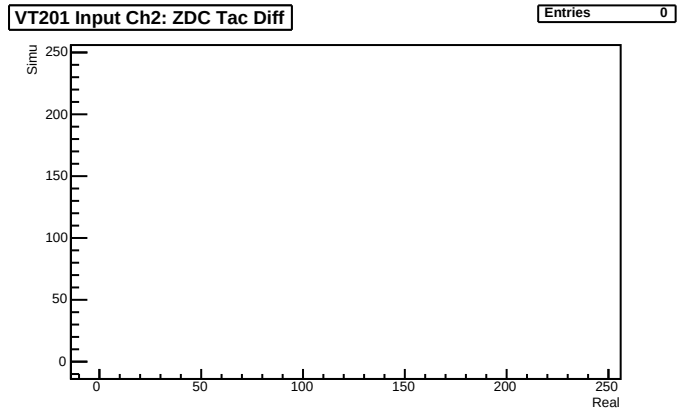

VT201 Input Ch1: EPD Tac Diff
Entries 333600
Tac

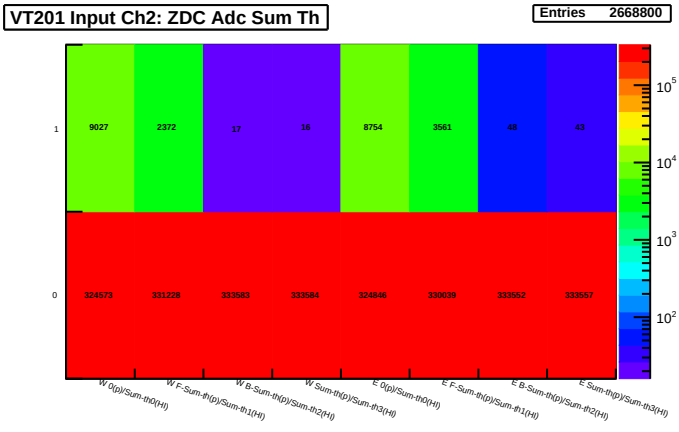

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

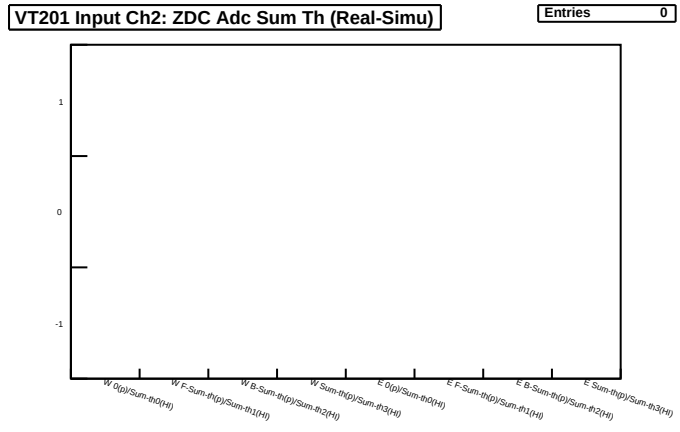

VT201 Input Ch1: EPD Hit Count Th
Entries 667200
328929
328046
4671
5554
East
West

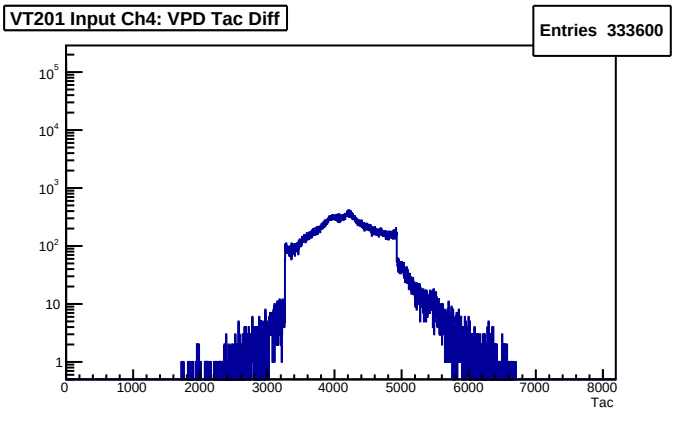

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

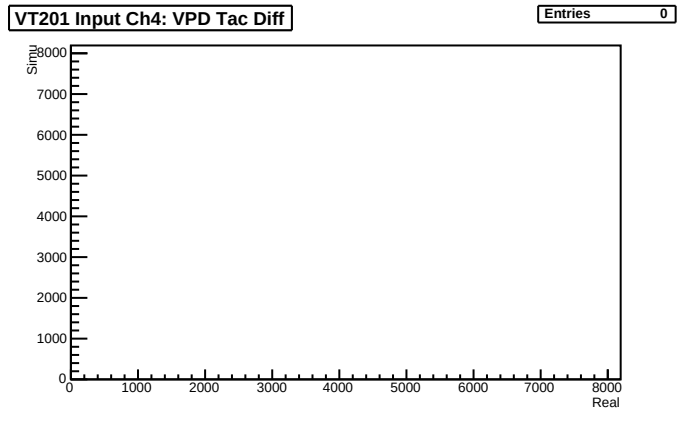

VT201 Input Ch2: ZDC Tac Diff
Entries 333600
Tac

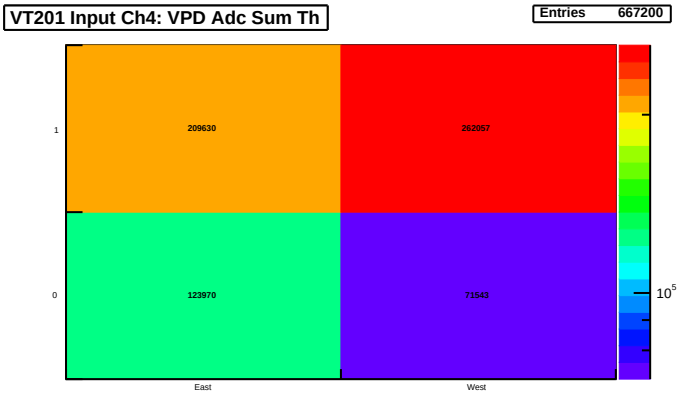

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

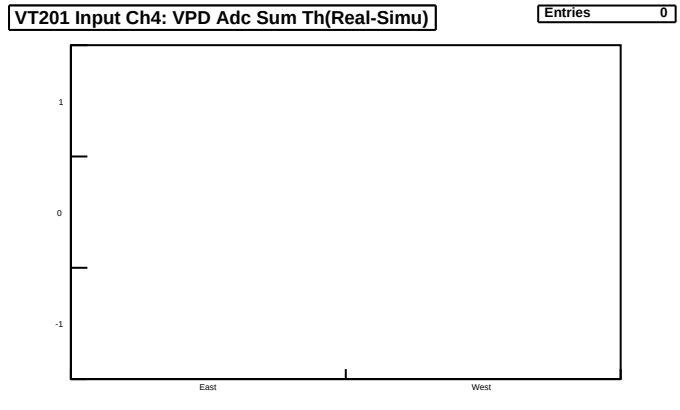

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2668800
9027
2372
17
16
8754
3561
48
43
324573
331228
333583
333584
324846
330039
333552
333557
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

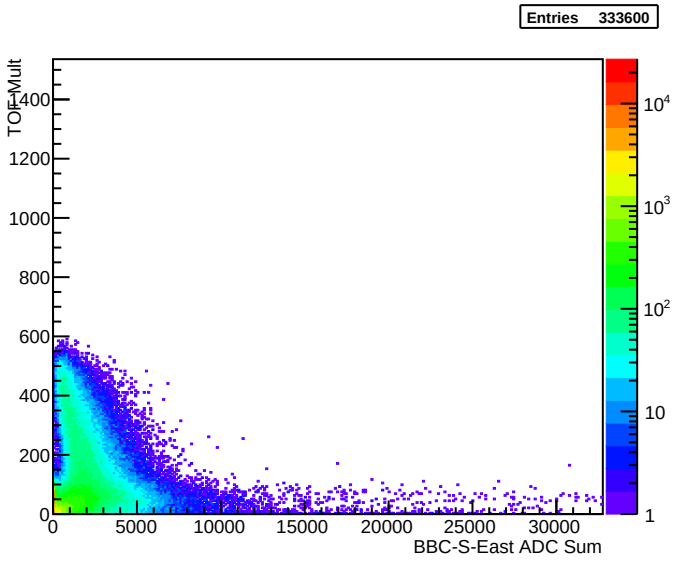

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

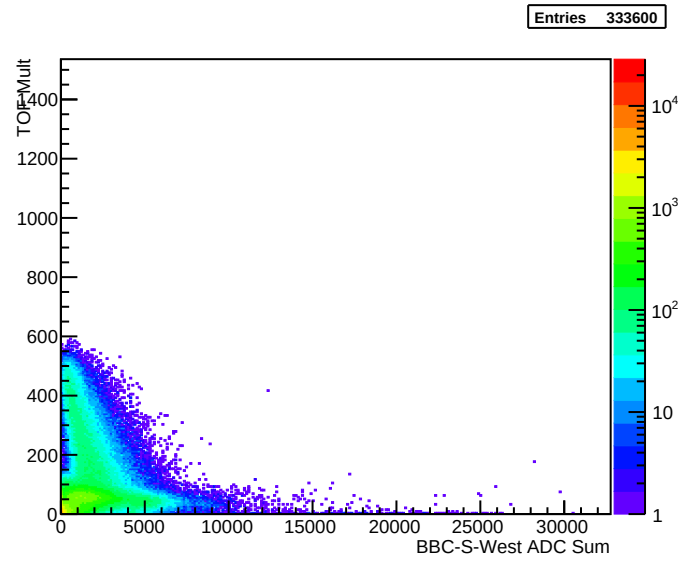

VT201 Input Ch4: VPD Tac Diff
Entries 333600
Tac

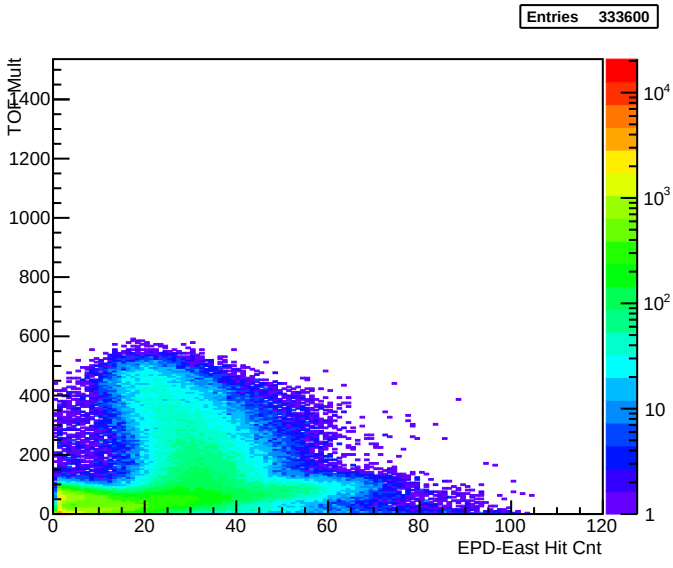

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

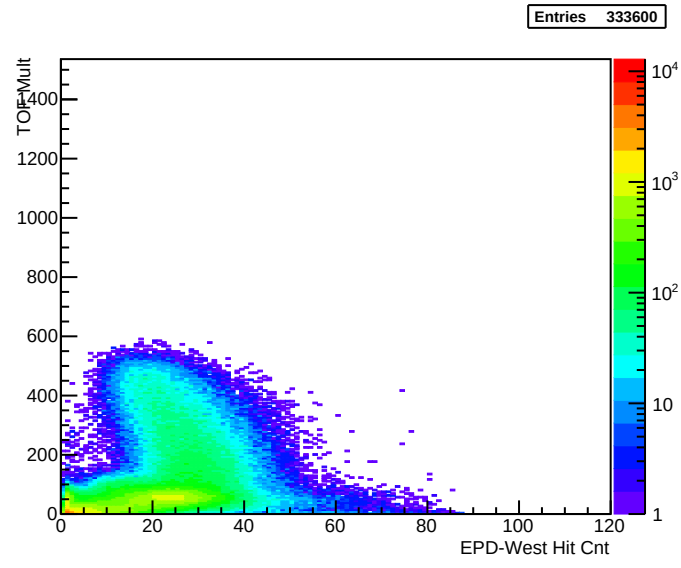

VT201 Input Ch4: VPD Adc Sum Th
Entries 667200
209630
262057
123970
71543
East
West

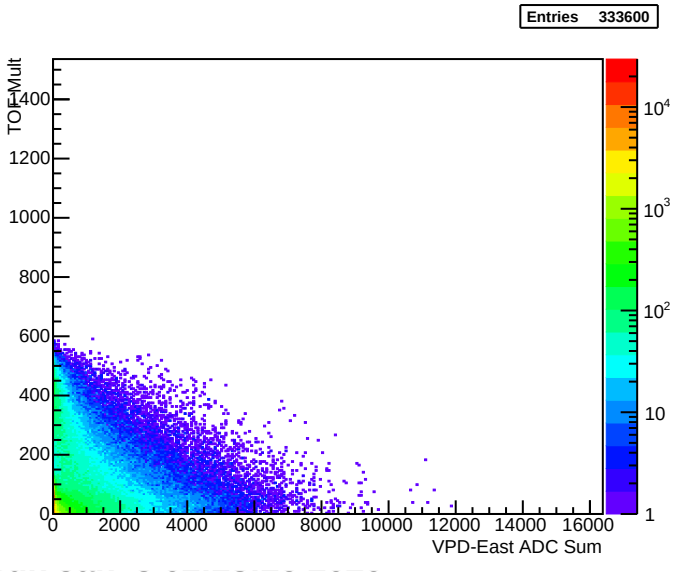

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

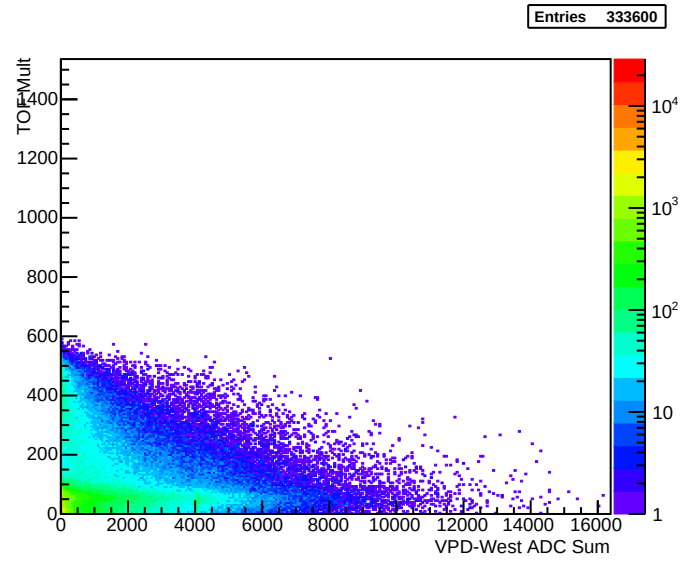

Entries 333600
TOF-Mult
BBC-S-East ADC Sum

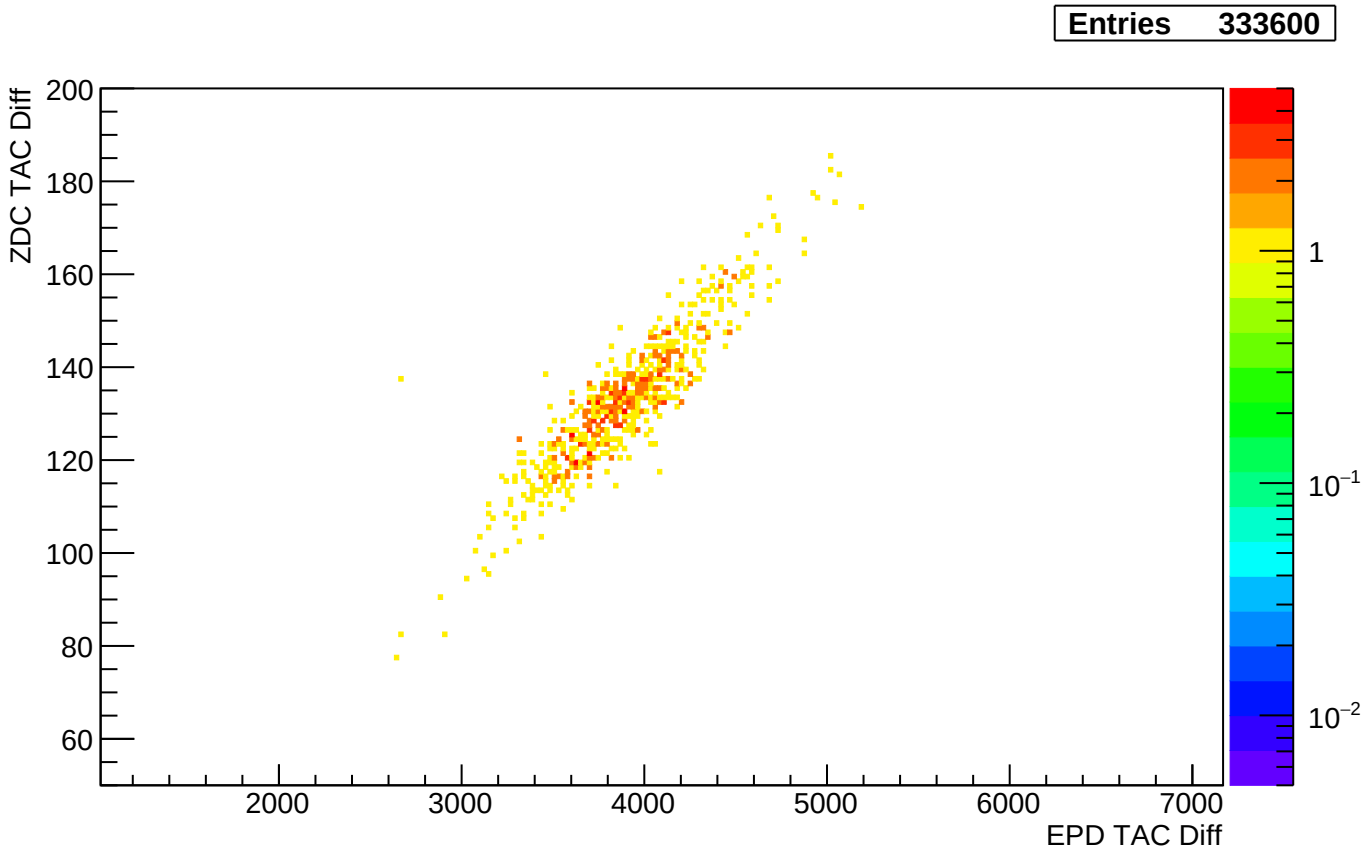

Entries 333600
TOF-Mult
BBC-S-West ADC Sum

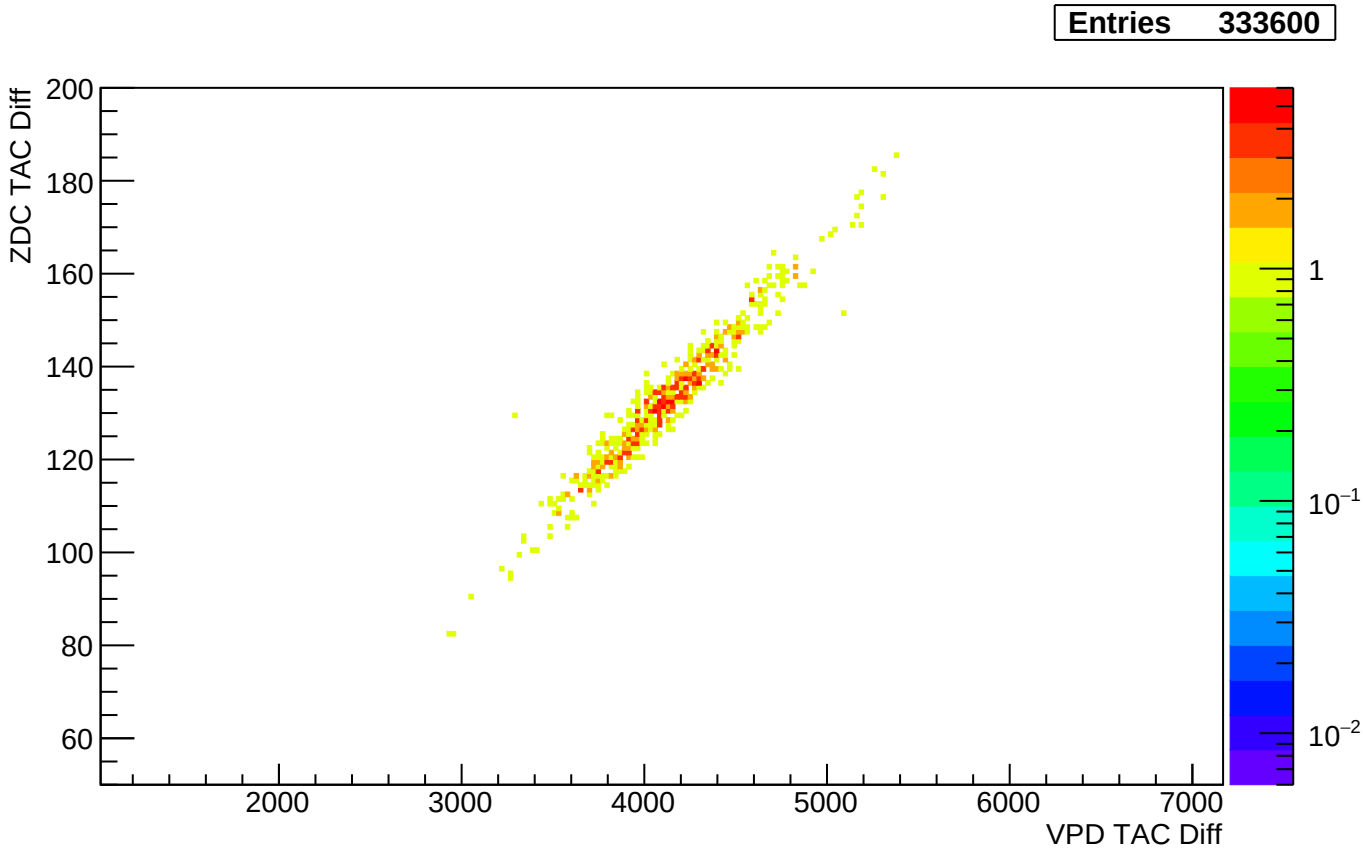

Entries 333600
TOF-Mult
EPD-East Hit Cnt

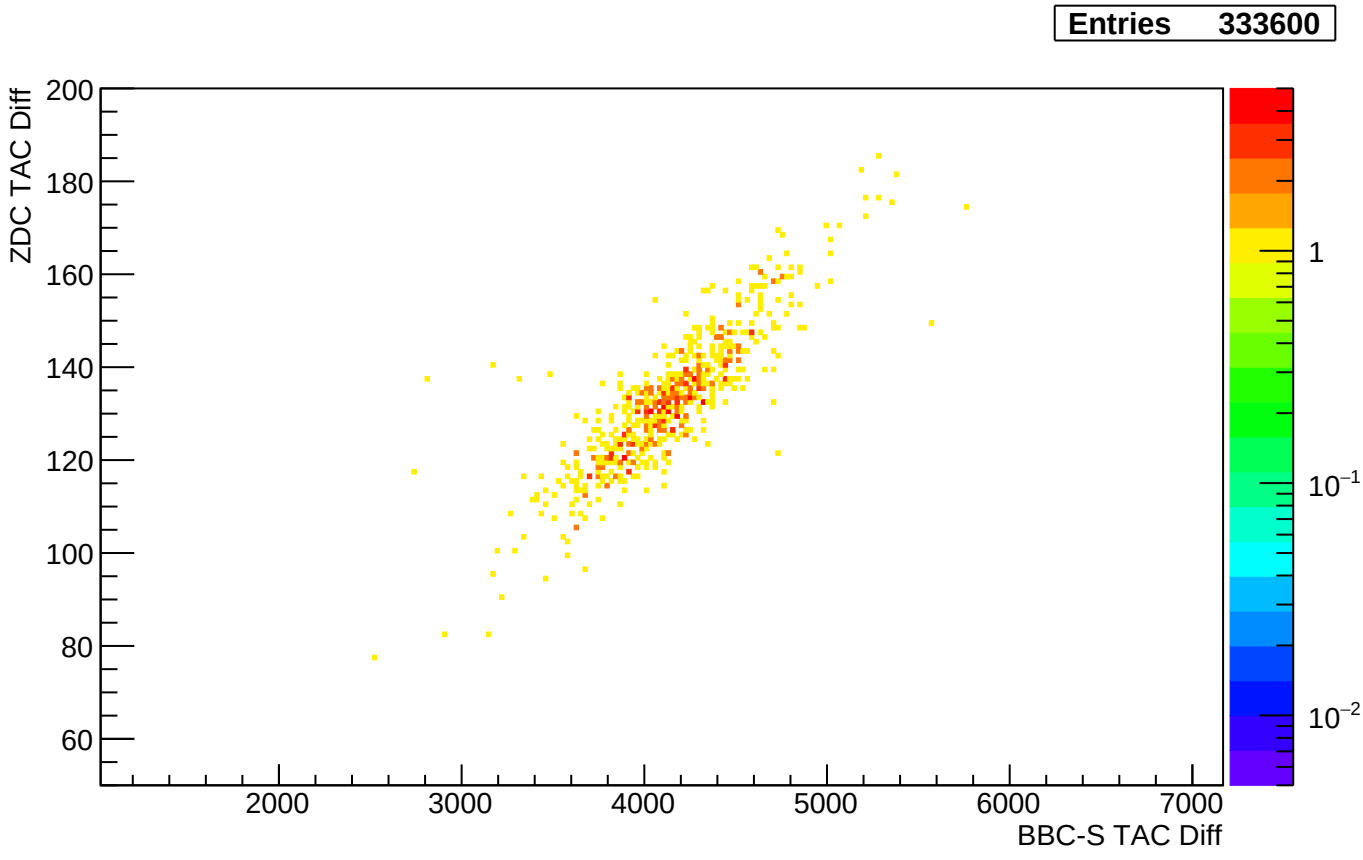

Entries 333600
TOF-Mult
EPD-West Hit Cnt

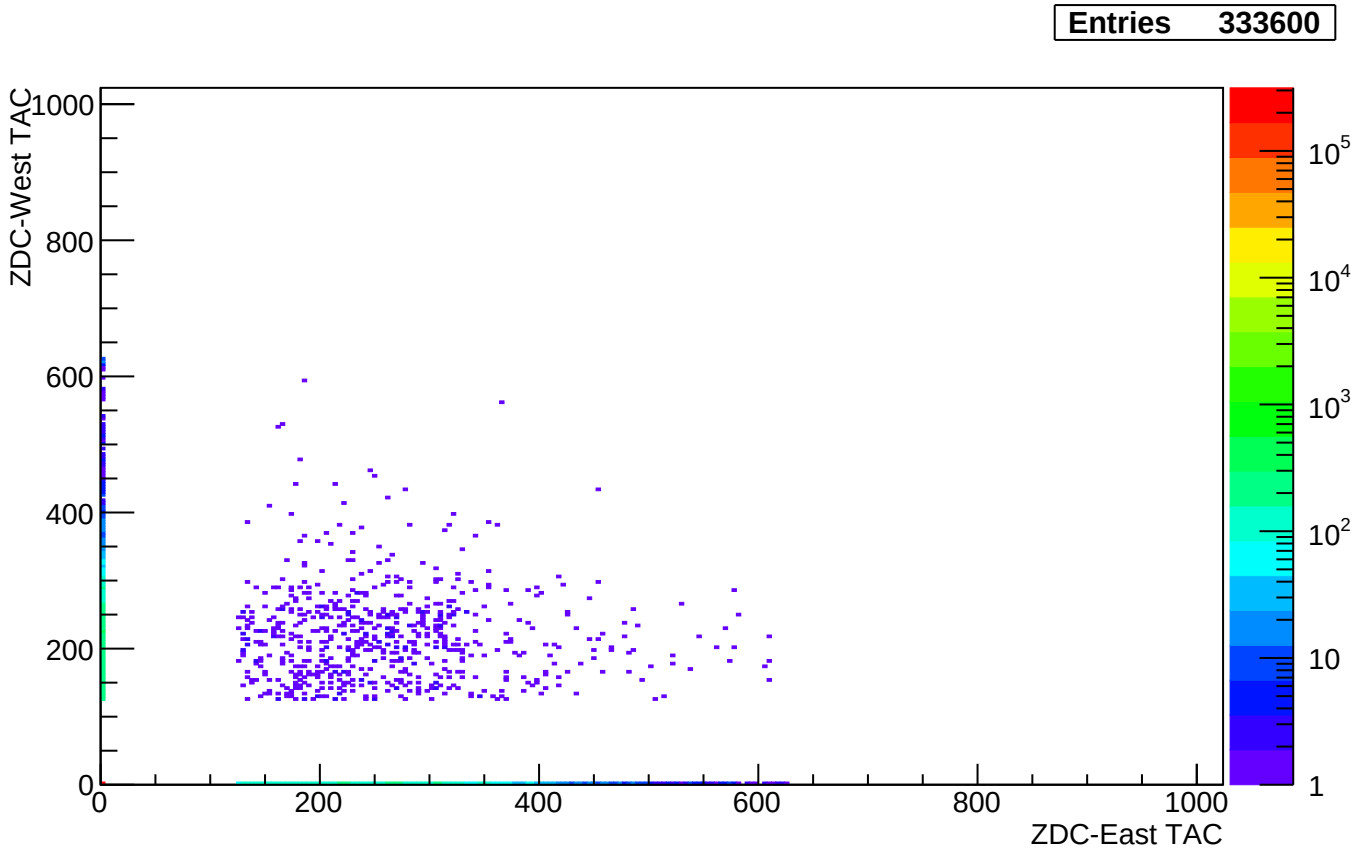

Entries 333600
TOF-Mult
VPD-East ADC Sum

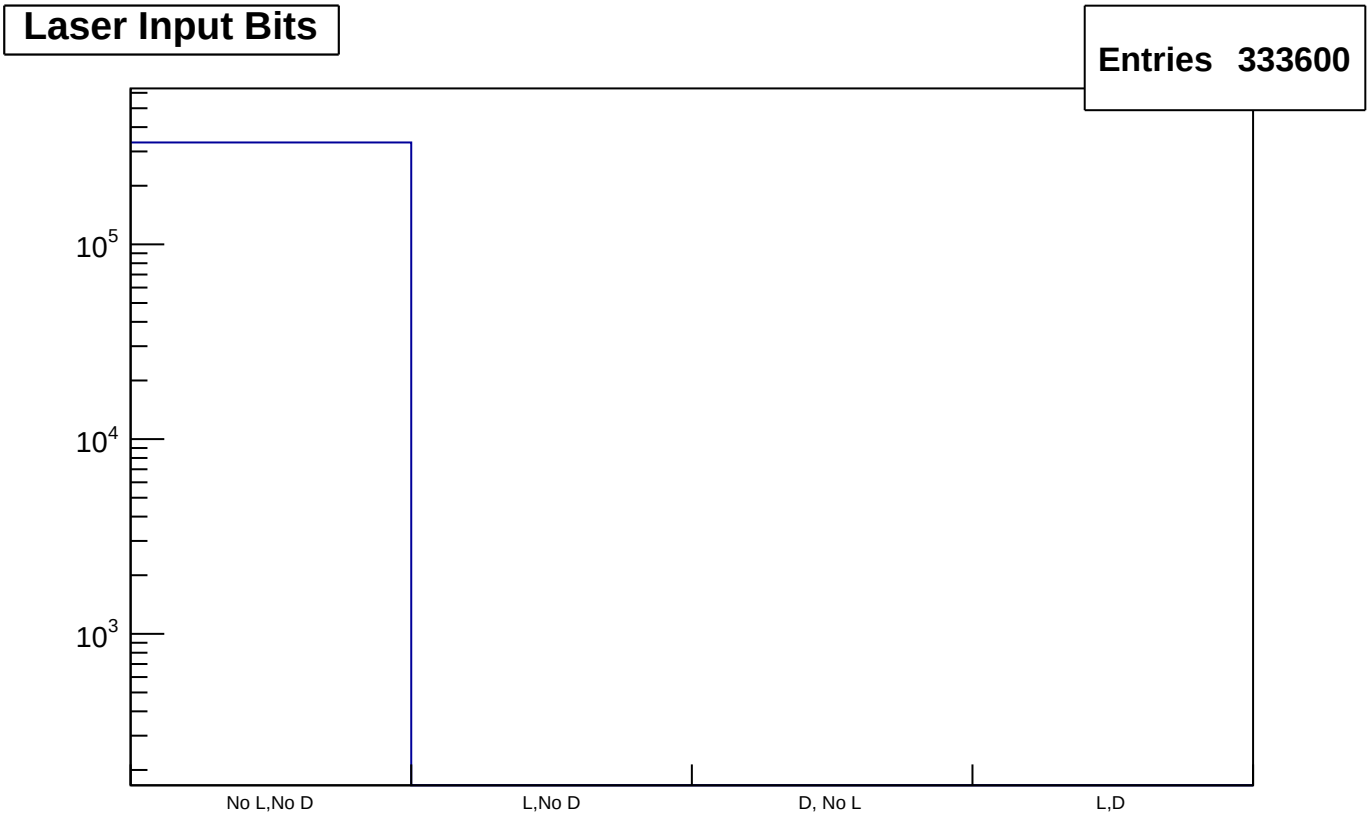

Entries 333600
TOF-Mult
VPD-West ADC Sum

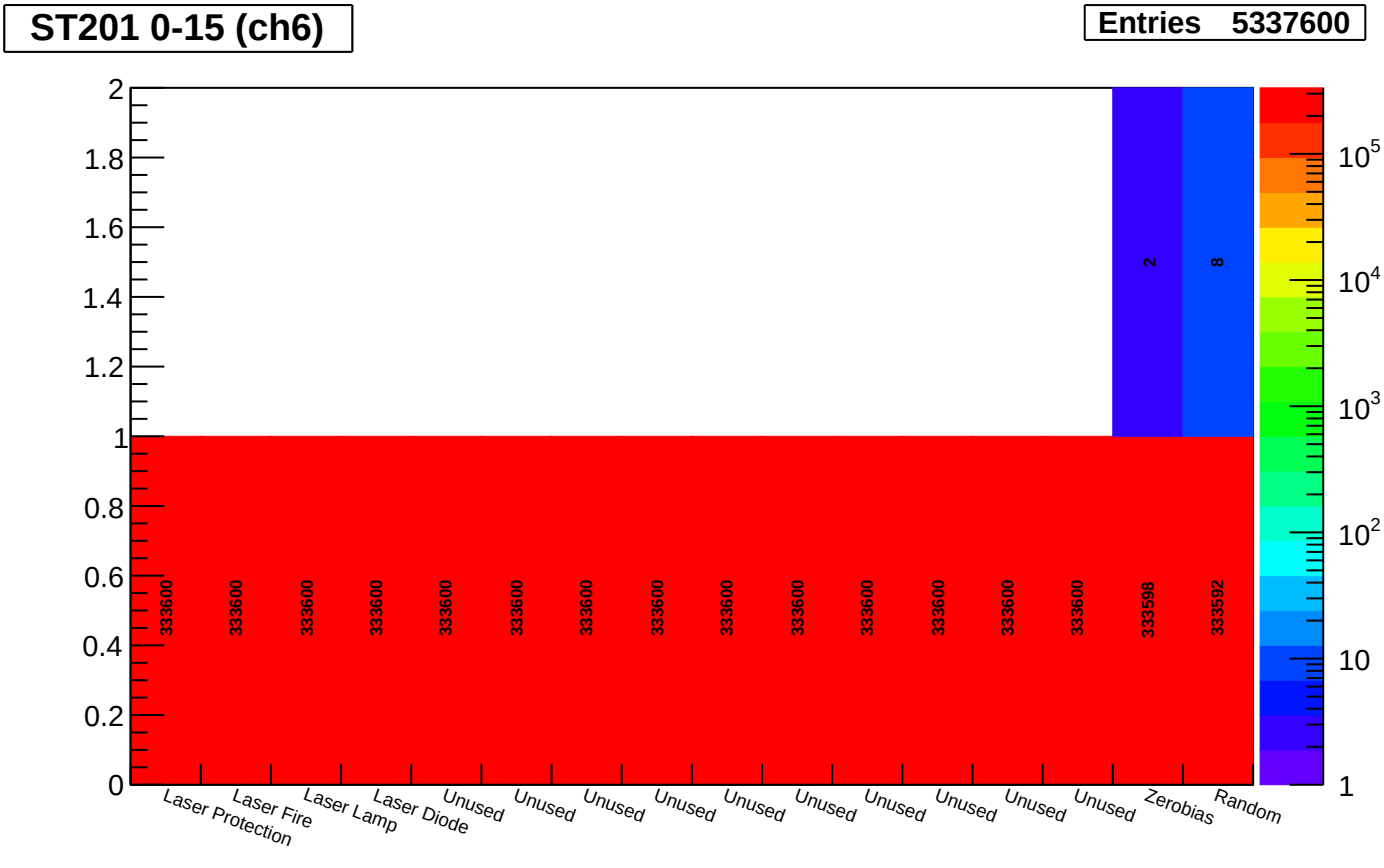

Entries 333600
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

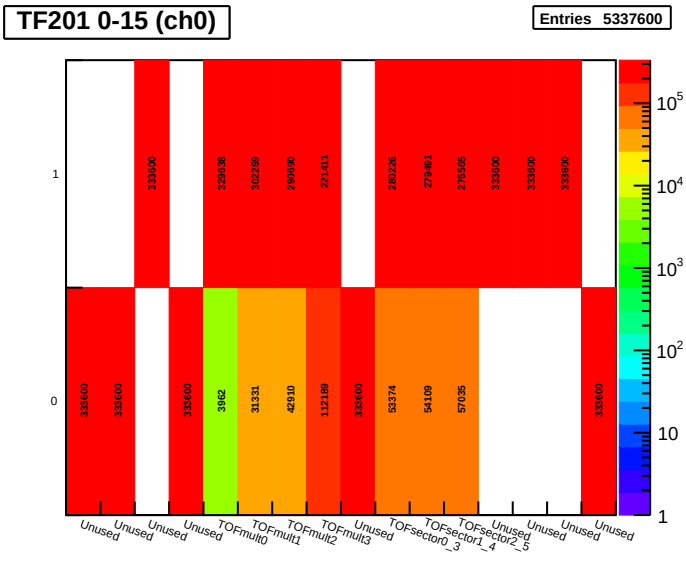

Entries 333600
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

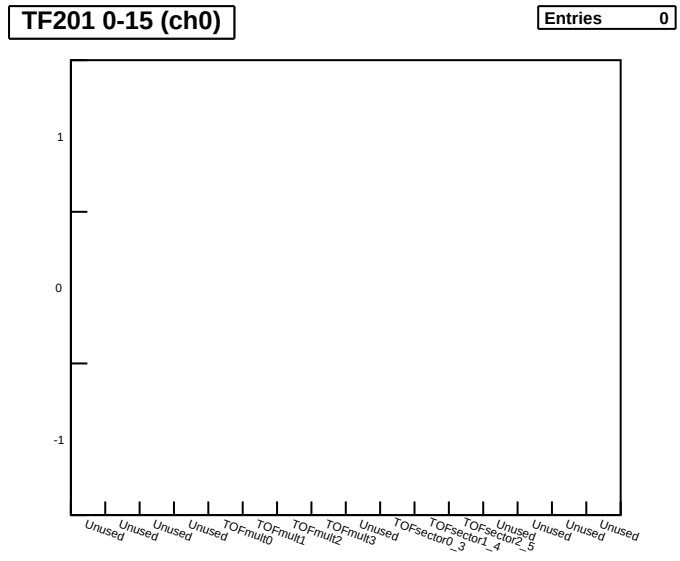

Entries 333600
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

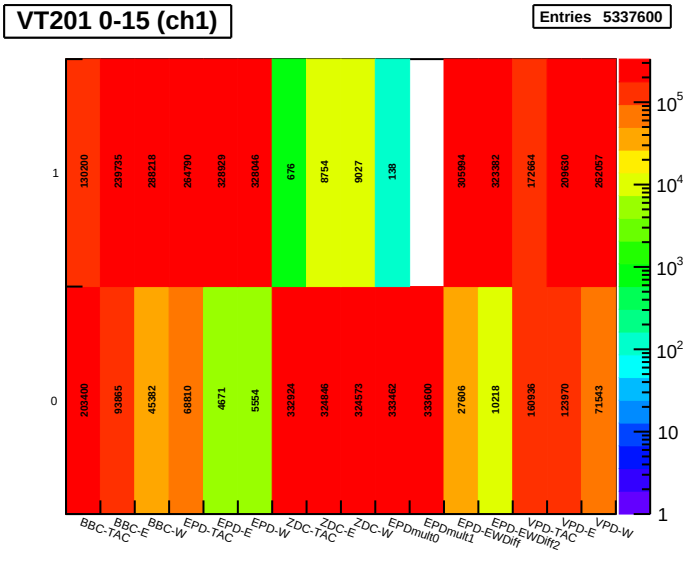

Entries 333600
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

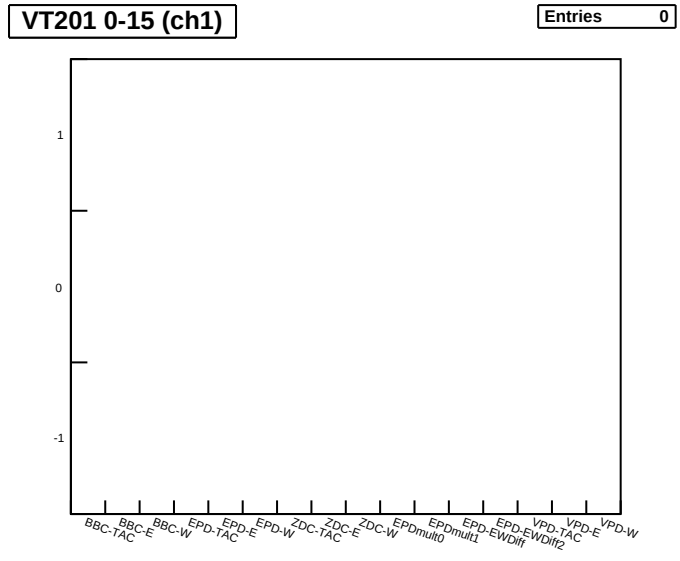

Laser Input Bits
Entries 333600
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

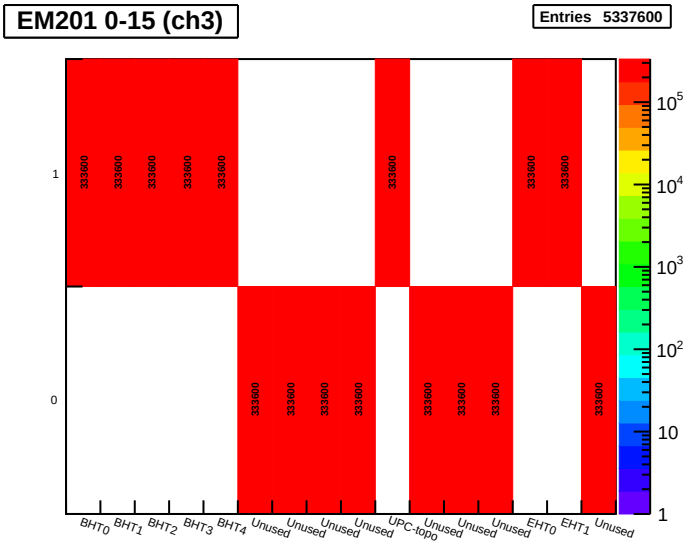

ST201 0-15 (ch6)
Entries 5337600
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333598
333592
2
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

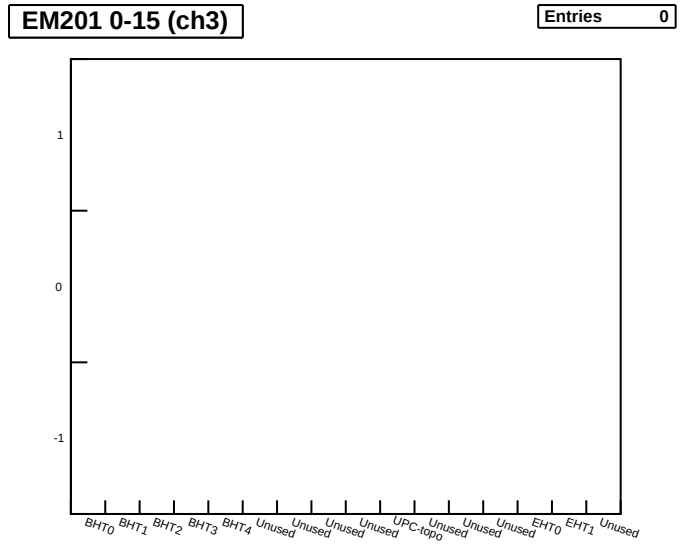

TF201 0-15 (ch0)
Entries 5337600
1
0
333600
320638
302269
290690
221411
290226
279491
276565
333600
333600
333600
333600
333600
333600
3962
31331
42910
112189
333600
53374
54109
57035
333600
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5337600
1
0
130200
239735
269218
264790
328929
328046
676
8754
9027
138
305994
323382
172664
209630
262057
203400
93865
45362
68810
4671
5554
332924
324846
324573
333462
333600
27606
10218
160936
123970
71543
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 5337600
1
0
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
333600
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