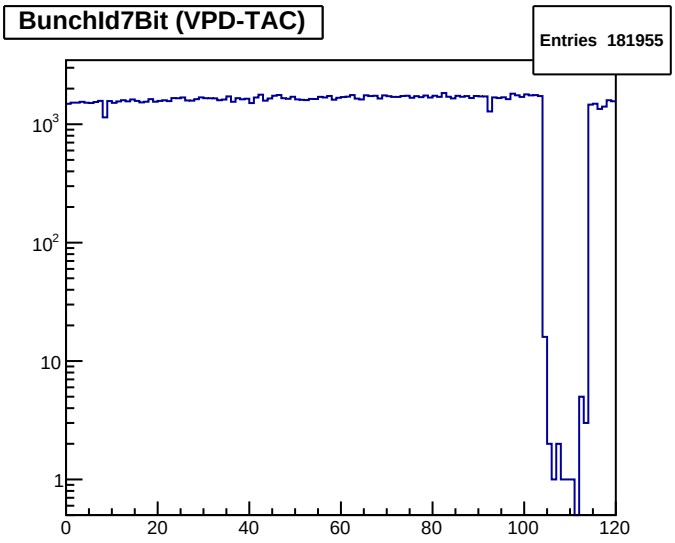
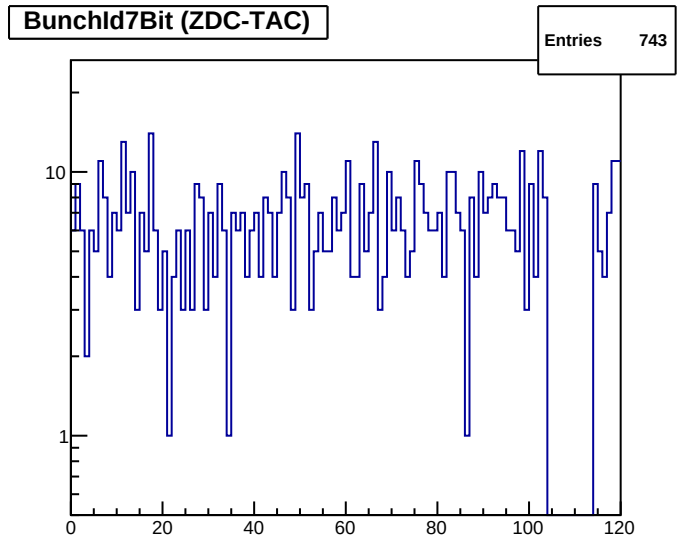
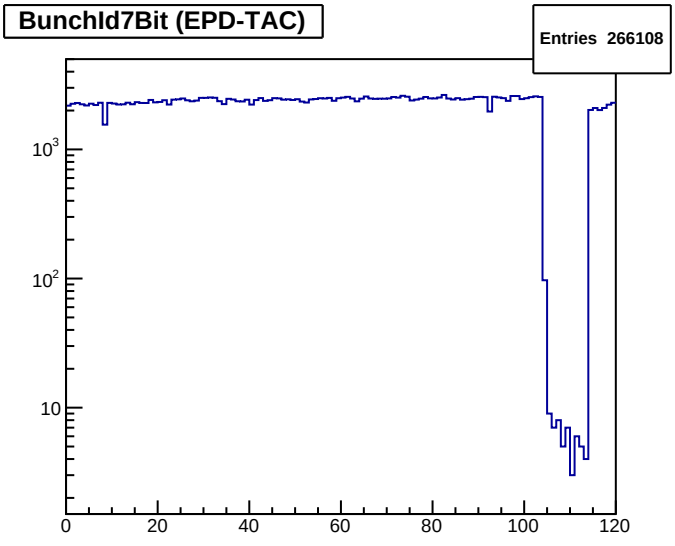
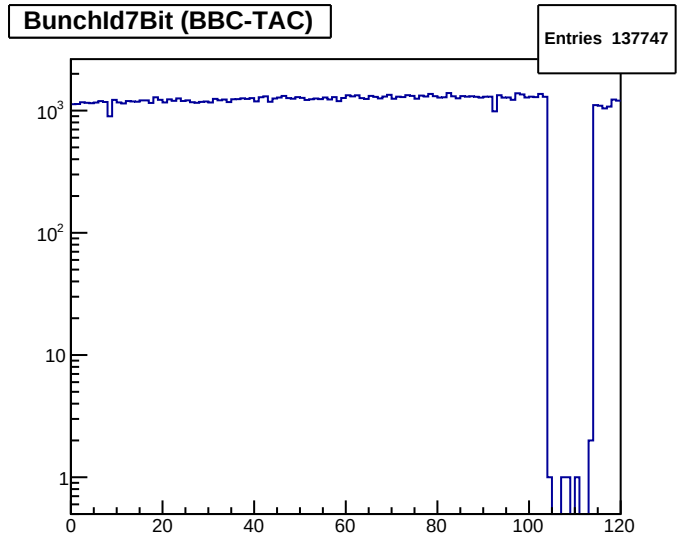
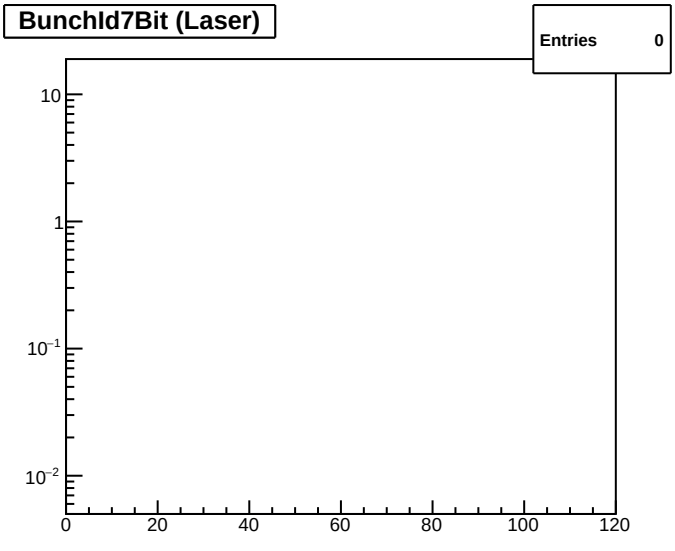
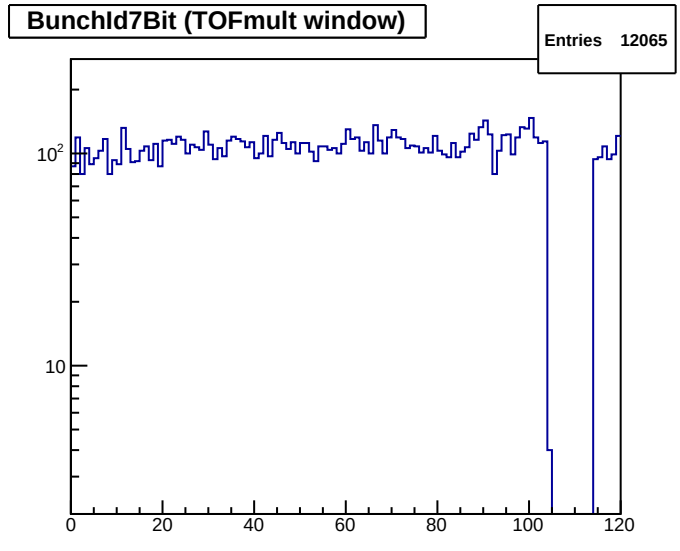

BunchId7Bit (VPD-TAC)
Entries 181955

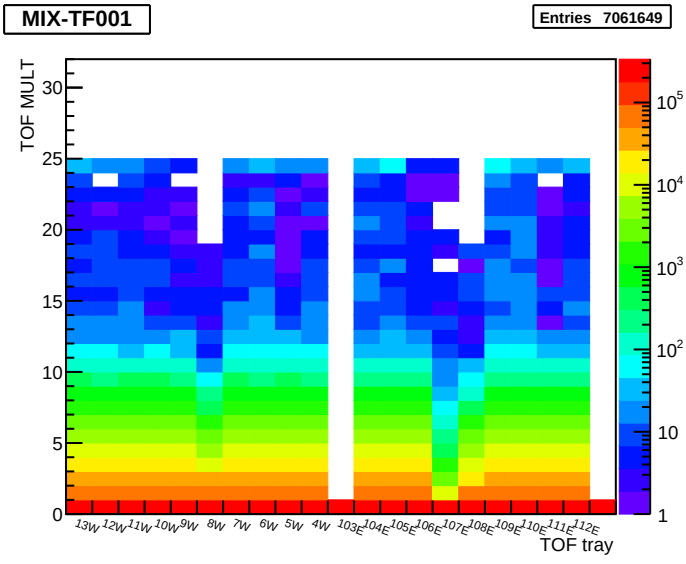

BunchId7Bit (ZDC-TAC)
Entries 743

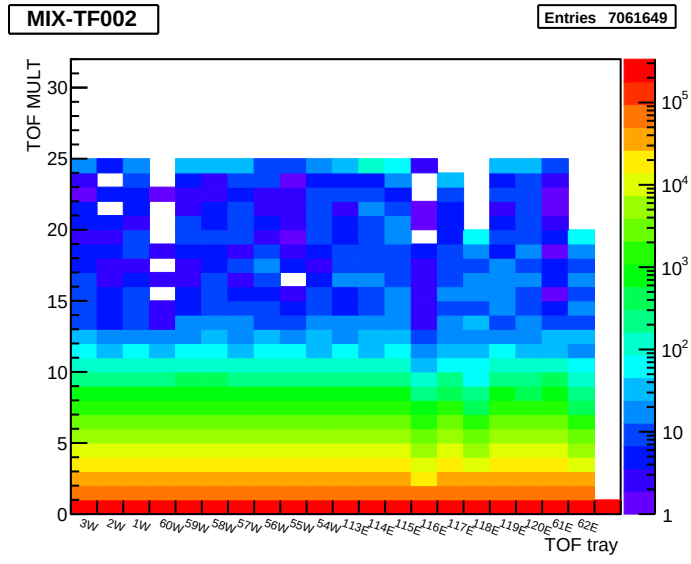

BunchId7Bit (EPD-TAC)
Entries 266108

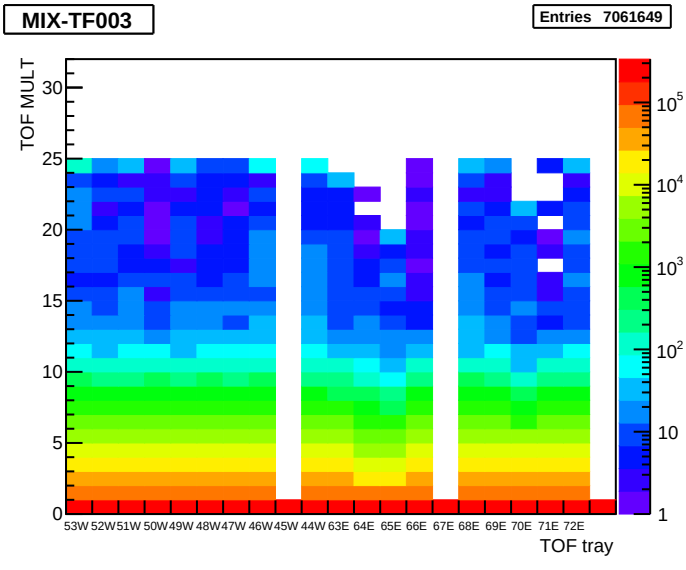

BunchId7Bit (BBC-TAC)
Entries 137747

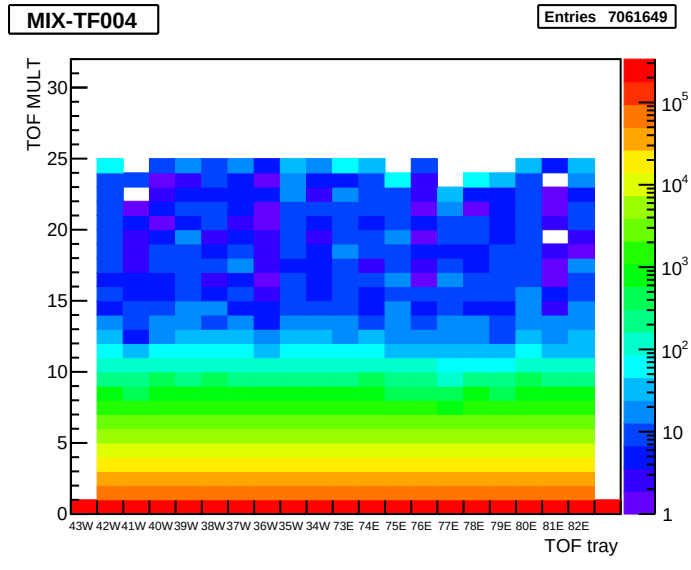

BunchId7Bit (Laser)
Entries 0

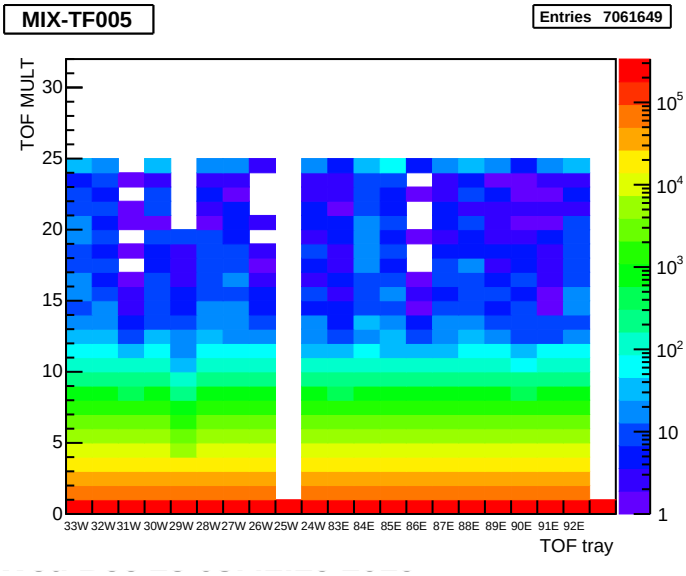

BunchId7Bit (TOFmult window)
Entries 12065

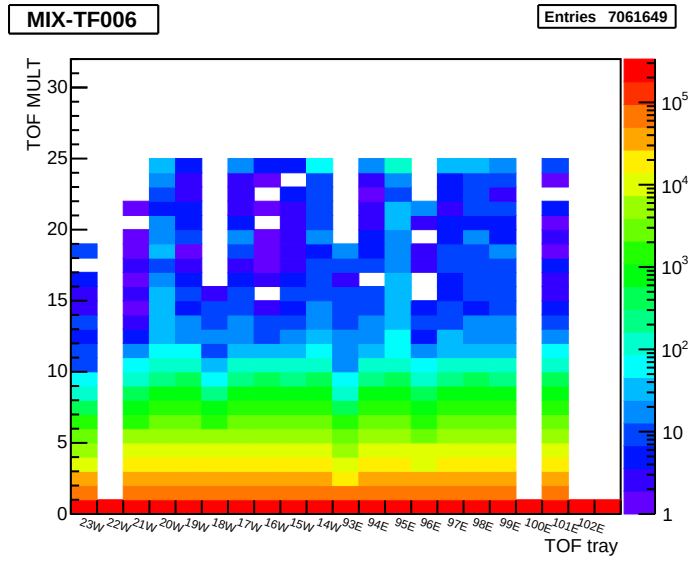

MIX-TF001
Entries 7061649
TOF MULT
TOF tray

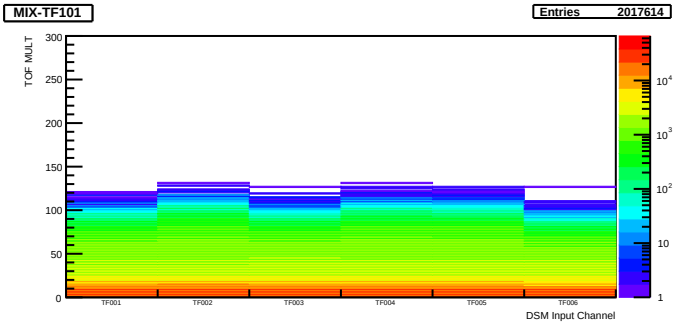

MIX-TF002
Entries 7061649
TOF MULT
TOF tray

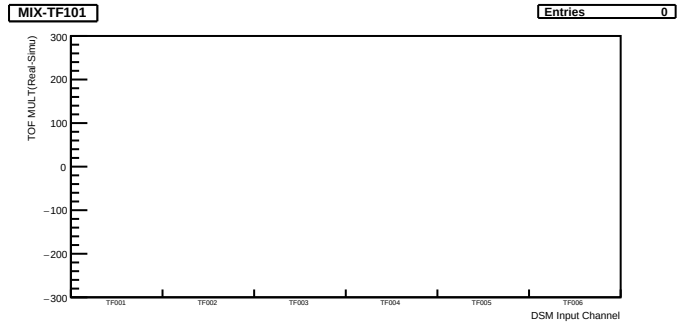

MIX-TF003
Entries 7061649
TOF MULT
TOF tray

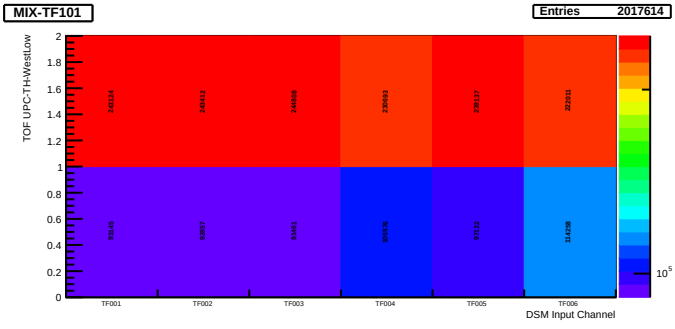

MIX-TF004
Entries 7061649
TOF MULT
TOF tray

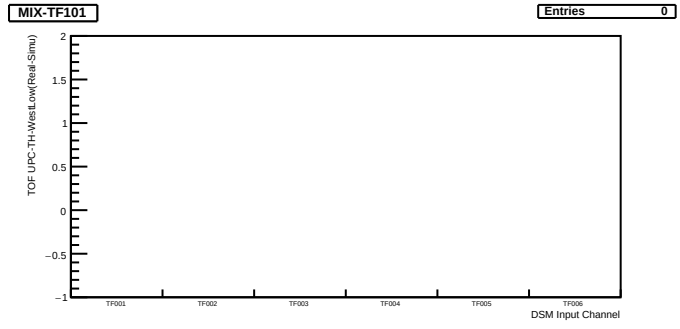

MIX-TF005
Entries 7061649
TOF MULT
TOF tray

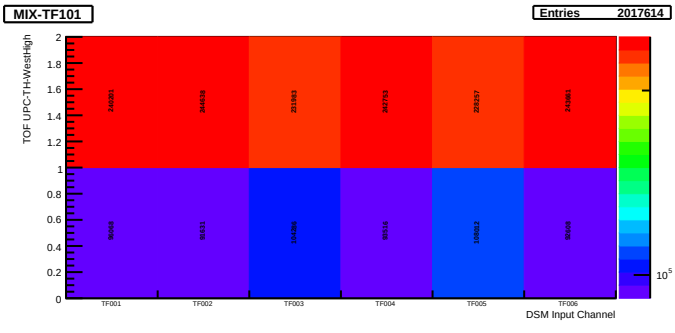

MIX-TF006
Entries 7061649
TOF MULT
TOF tray

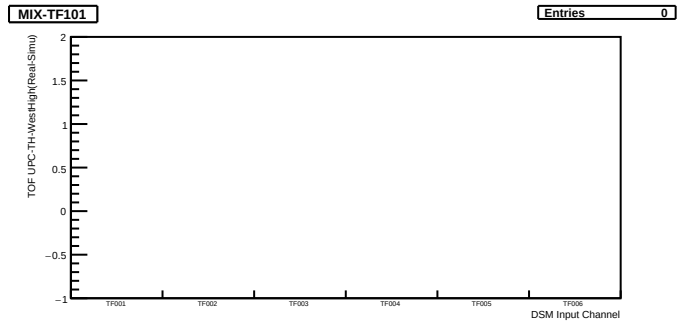

MIX-TF101
Entries 2017614
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

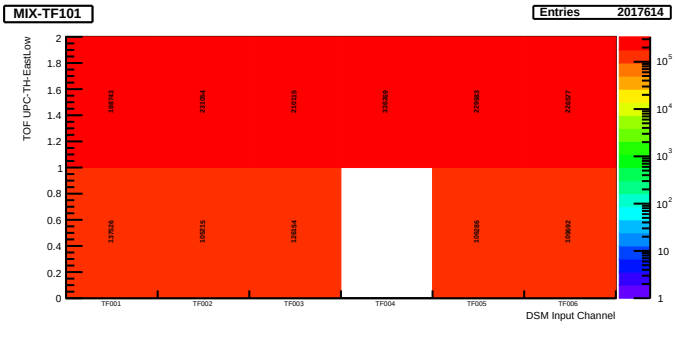

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

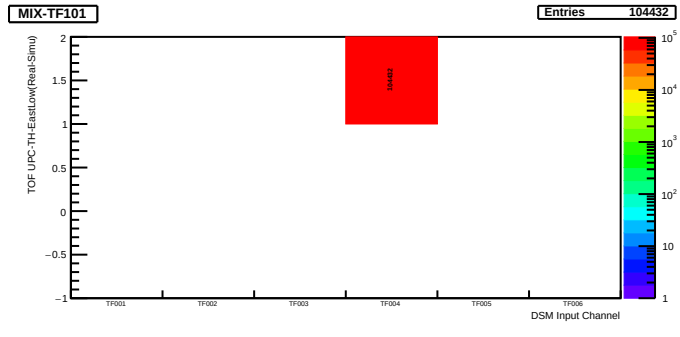

MIX-TF101
Entries 2017614
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

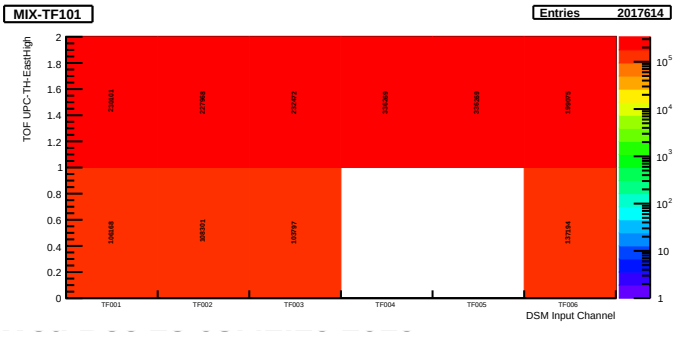

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

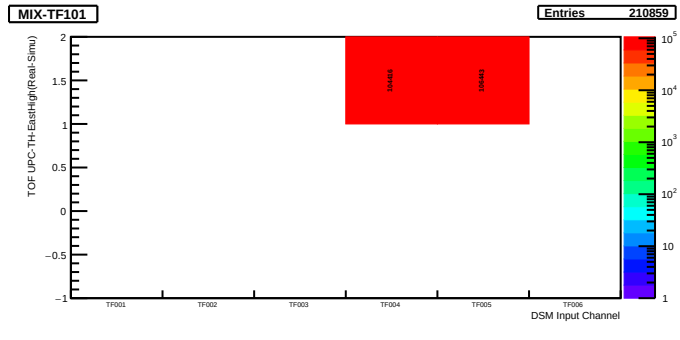

MIX-TF101
Entries 2017614
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

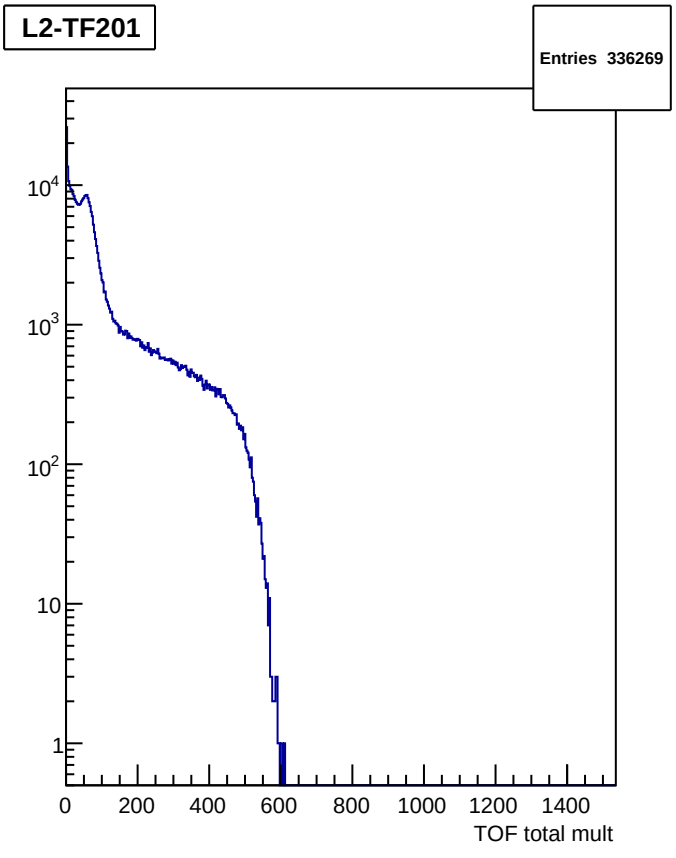

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

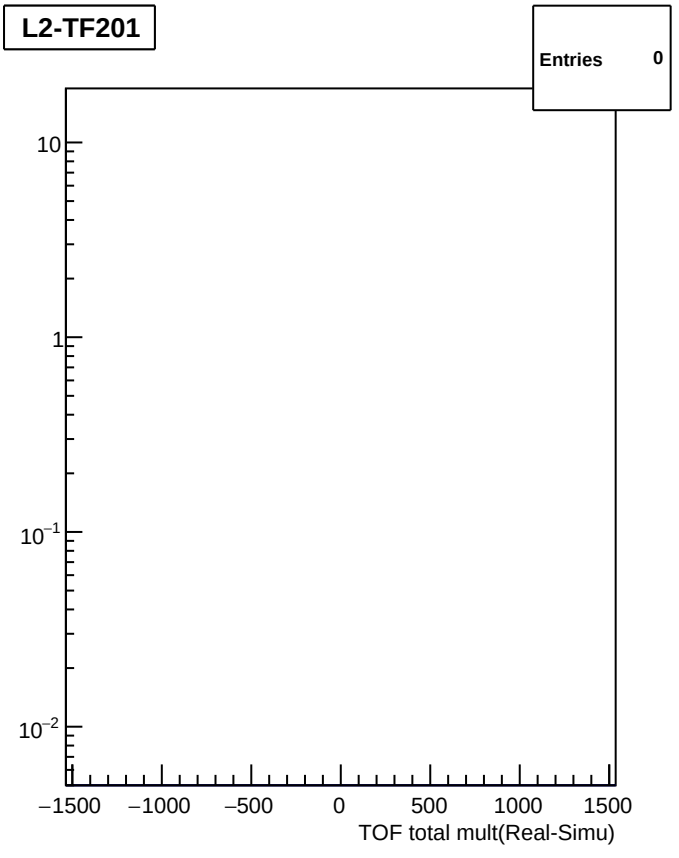

MIX-TF101
Entries 2017614
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

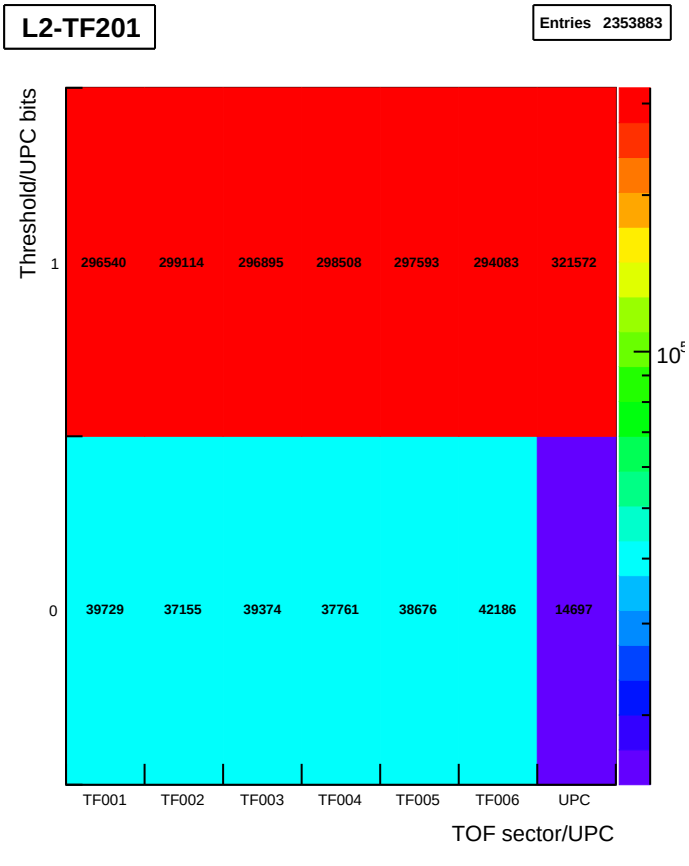

MIX-TF101
Entries 104432
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

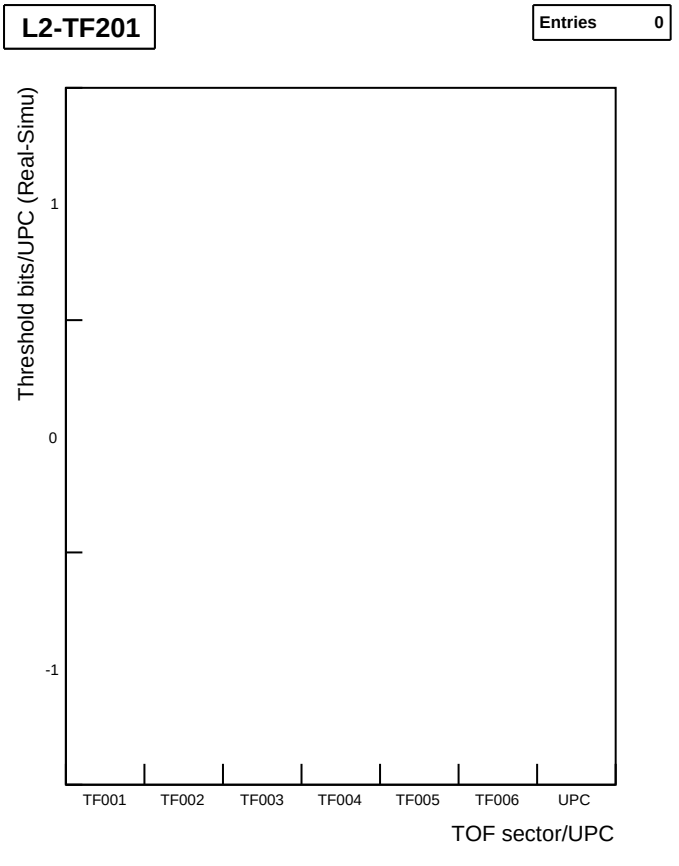

MIX-TF101
Entries 2017614
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

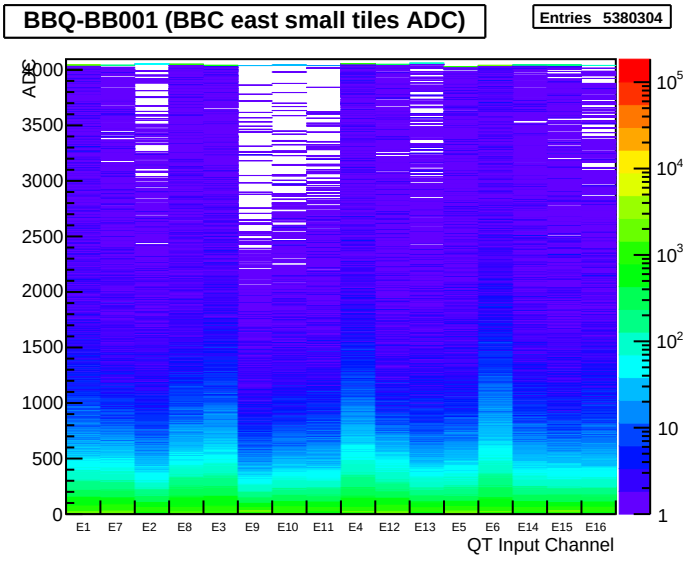

MIX-TF101
Entries 210859
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

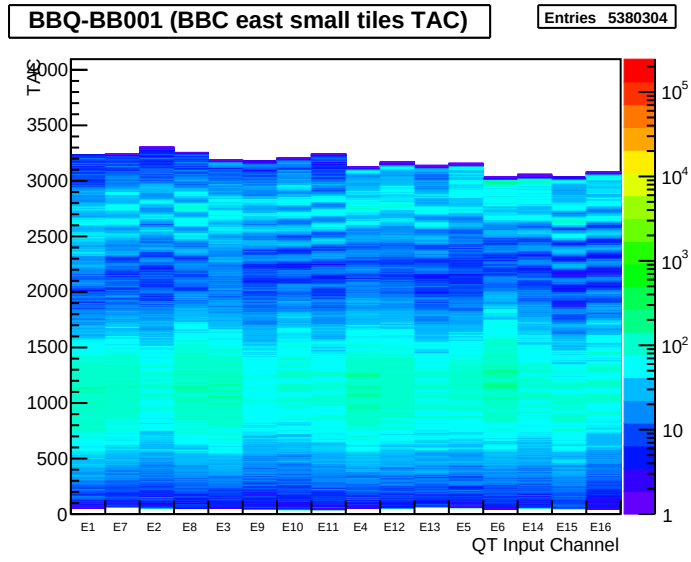

L2-TF201
Entries 336269
TOF total mult

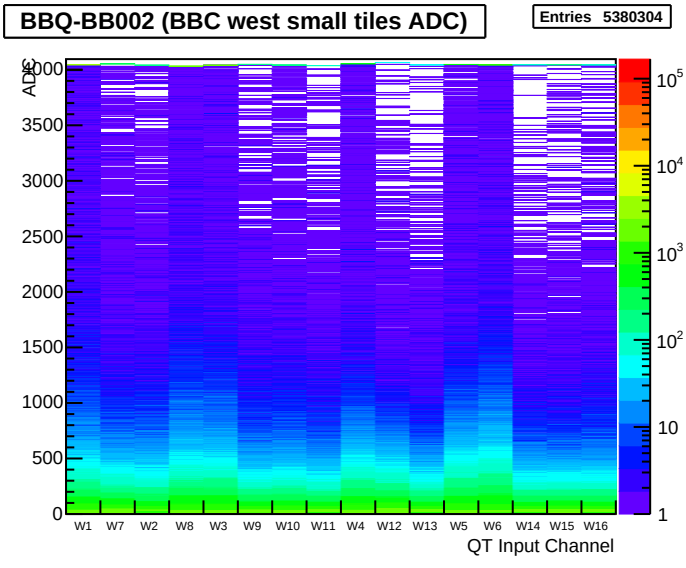

L2-TF201
Entries 0
TOF total mult(Real-Simu)

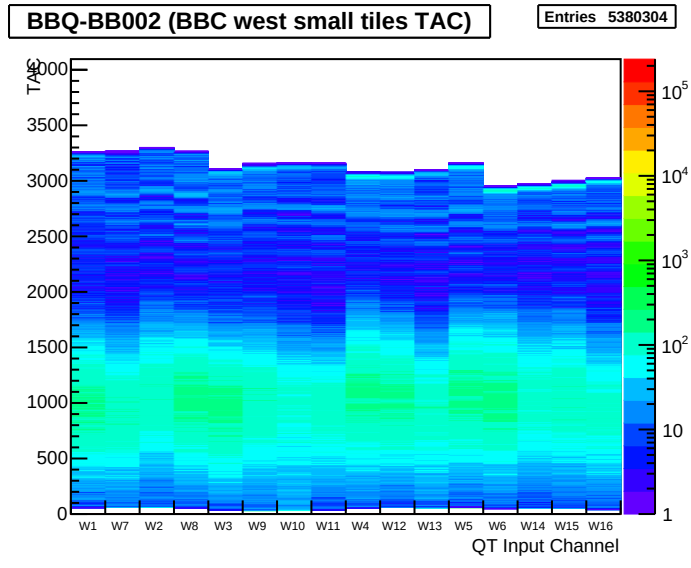

L2-TF201
Entries 2353883
Threshold/UPC bits
296540 299114 296895 298508 297593 294083 321572
39729 37155 39374 37761 38676 42186 14697
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

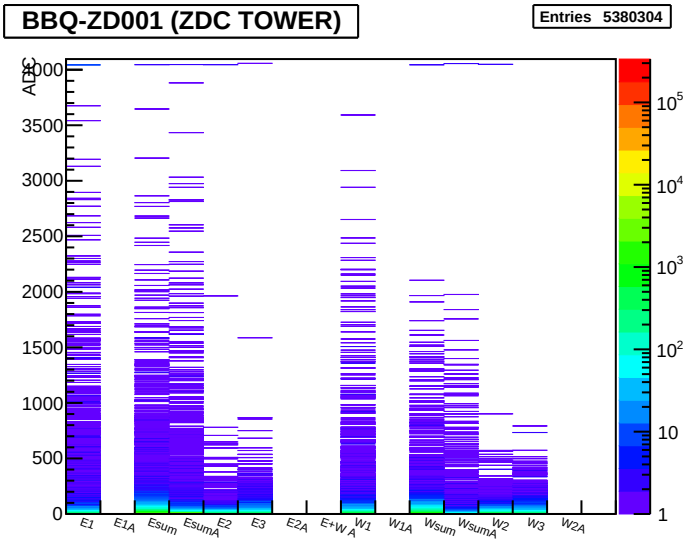

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

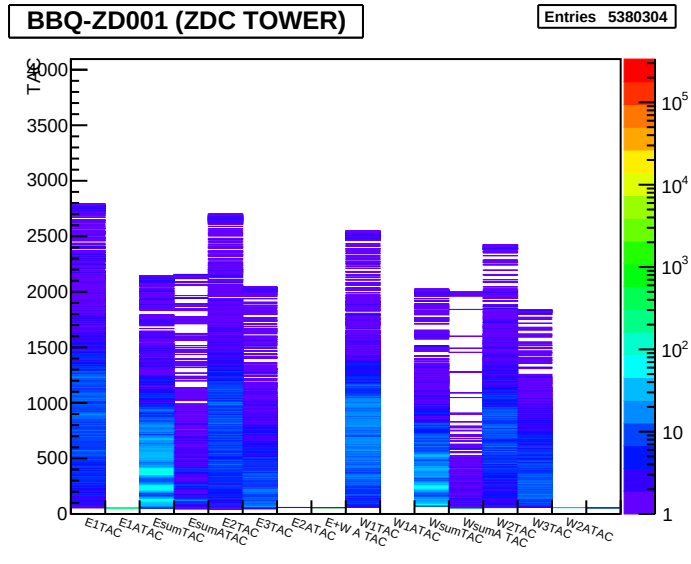

BBQ-BB001 (BBC east small tiles ADC)
Entries 5380304
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

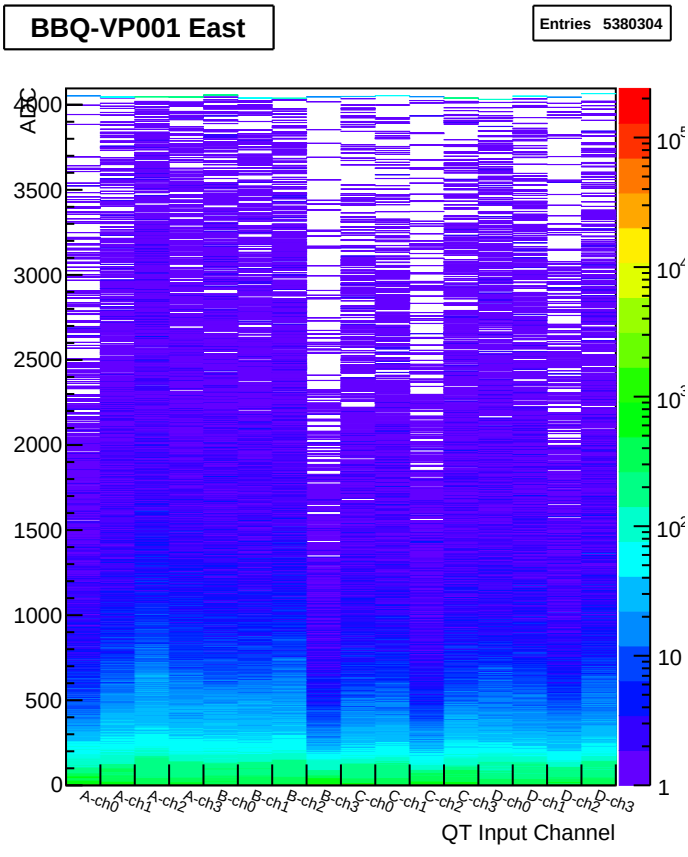

BBQ-BB001 (BBC east small tiles TAC)
Entries 5380304
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

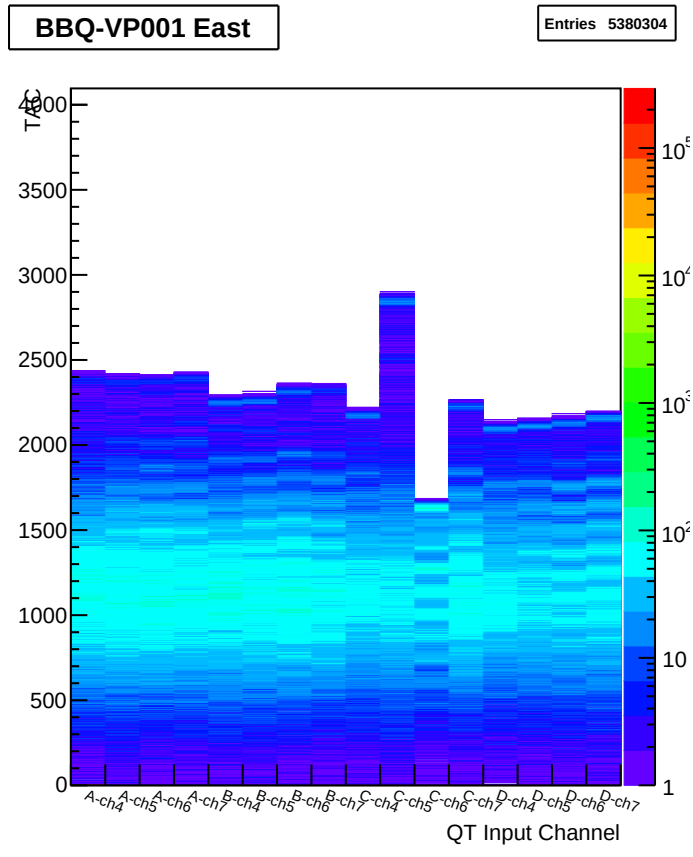

BBQ-BB002 (BBC west small tiles ADC)
Entries 5380304
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

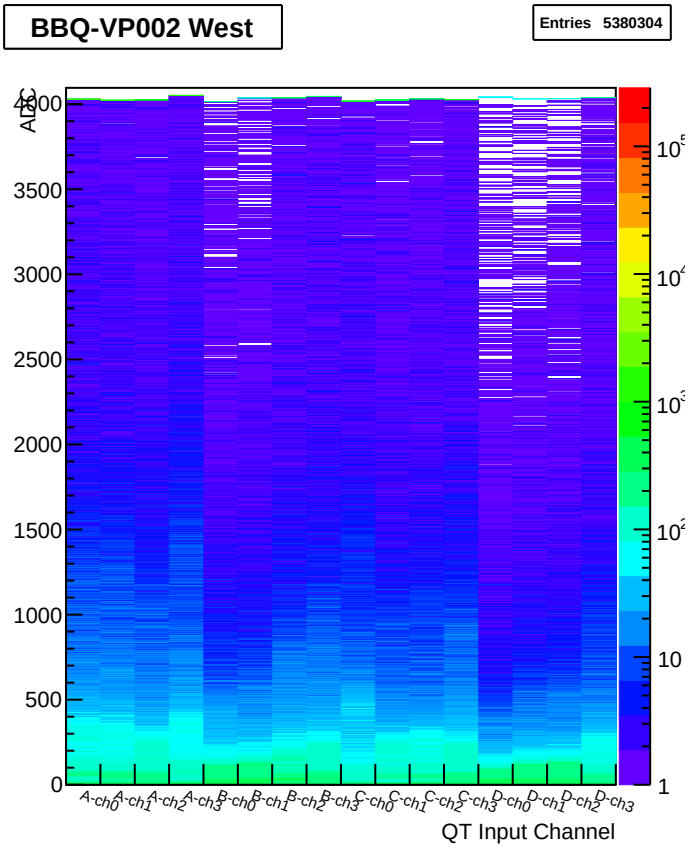

BBQ-BB002 (BBC west small tiles TAC)
Entries 5380304
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

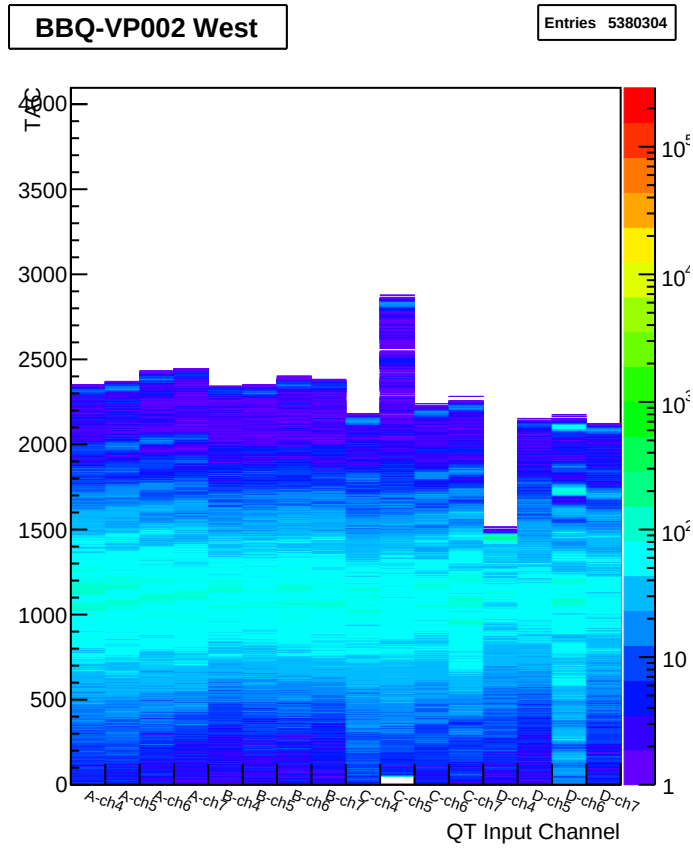

BBQ-ZD001 (ZDC TOWER)
Entries 5380304
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

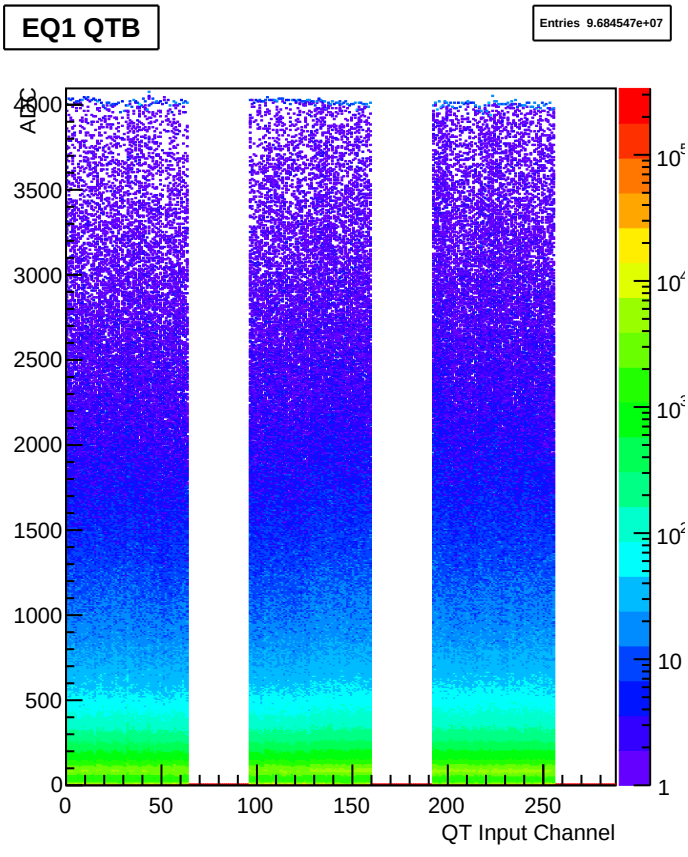

BBQ-ZD001 (ZDC TOWER)
Entries 5380304
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

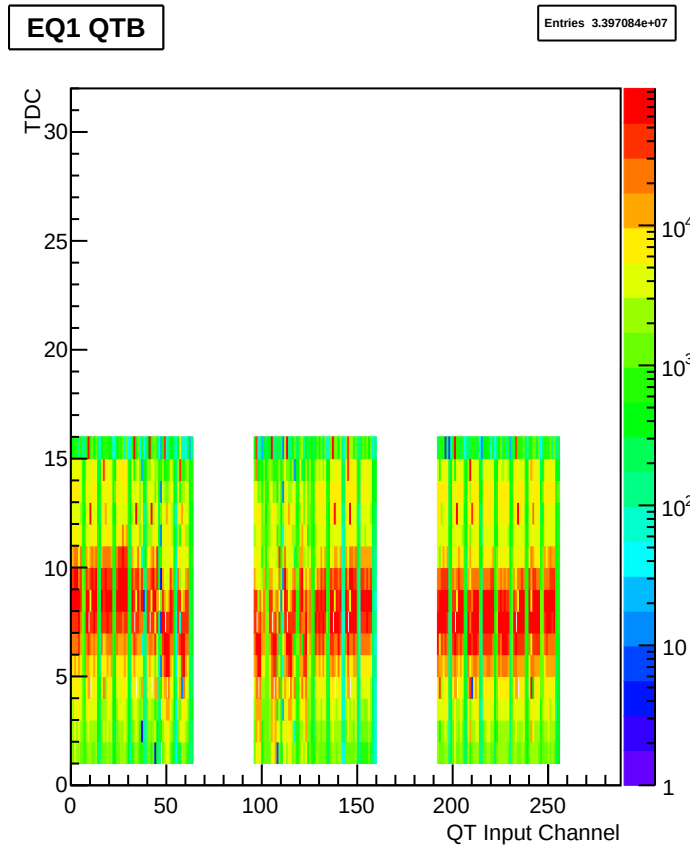

BBQ-VP001 East
Entries 5380304
ADC
QT Input Channel

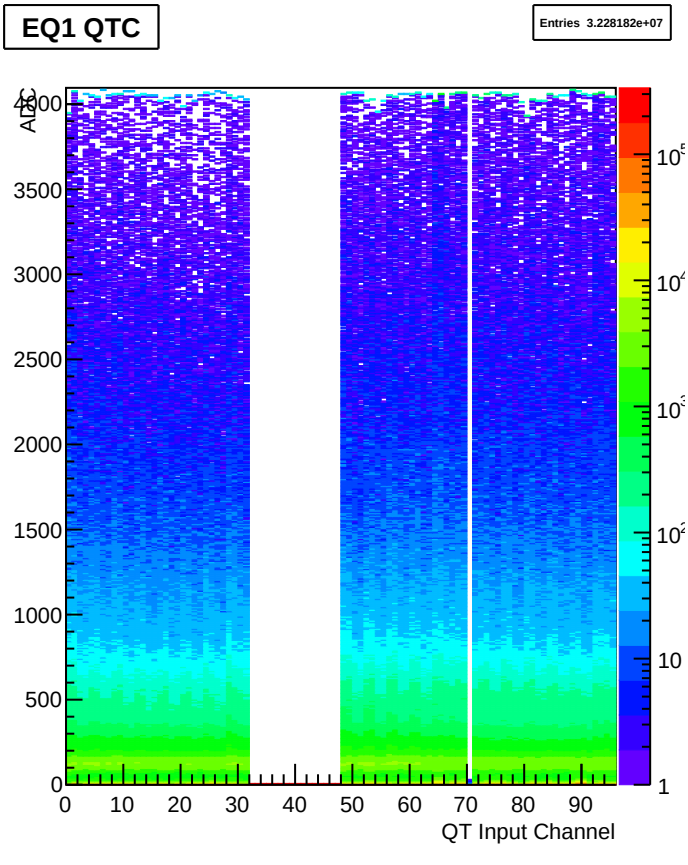

BBQ-VP001 East
Entries 5380304
TADC
QT Input Channel

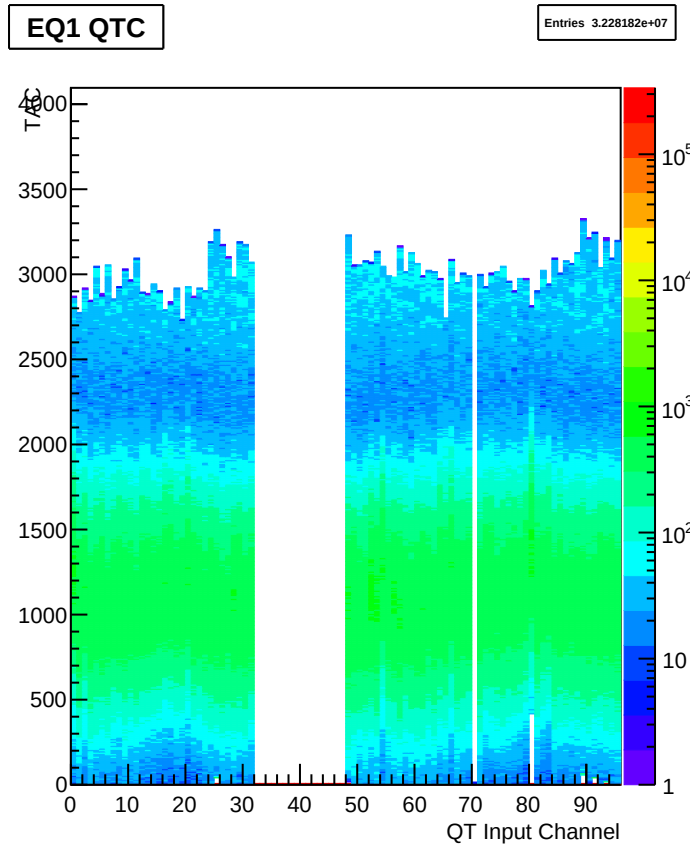

BBQ-VP002 West
Entries 5380304
ADC
QT Input Channel

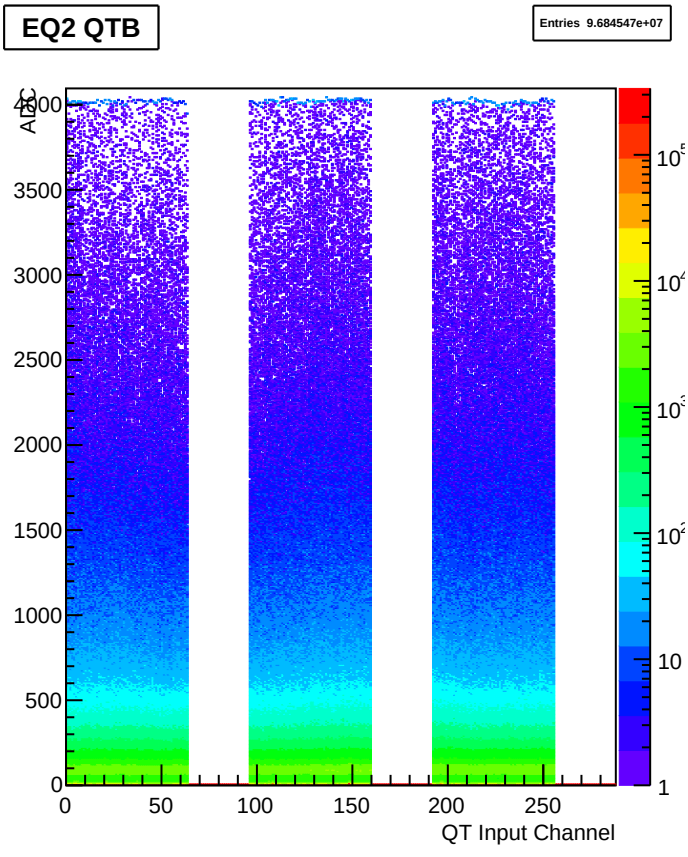

BBQ-VP002 West
Entries 5380304
TADC
QT Input Channel

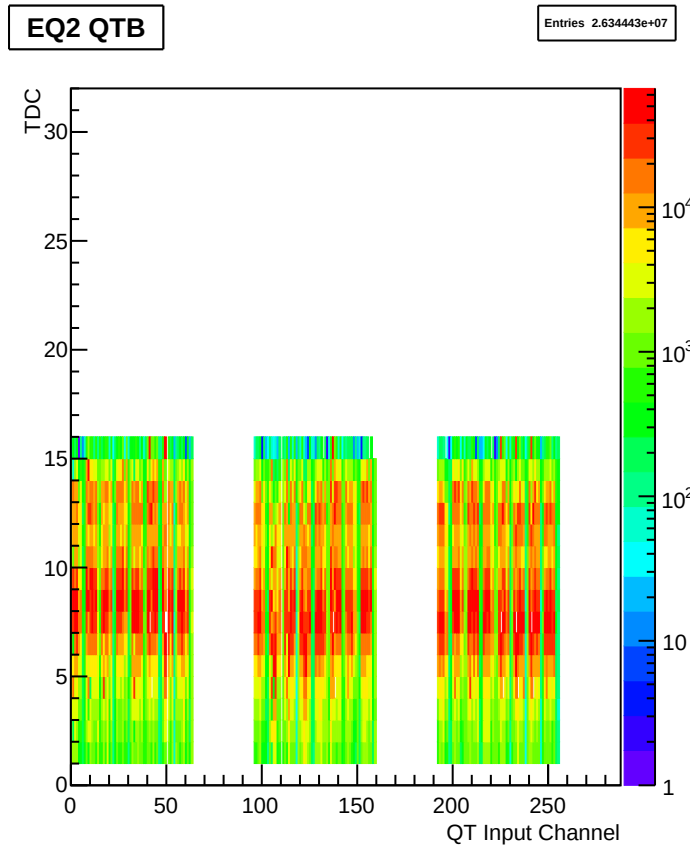

EQ1 QTB
Entries 9.684547e+07
ADC
QT Input Channel

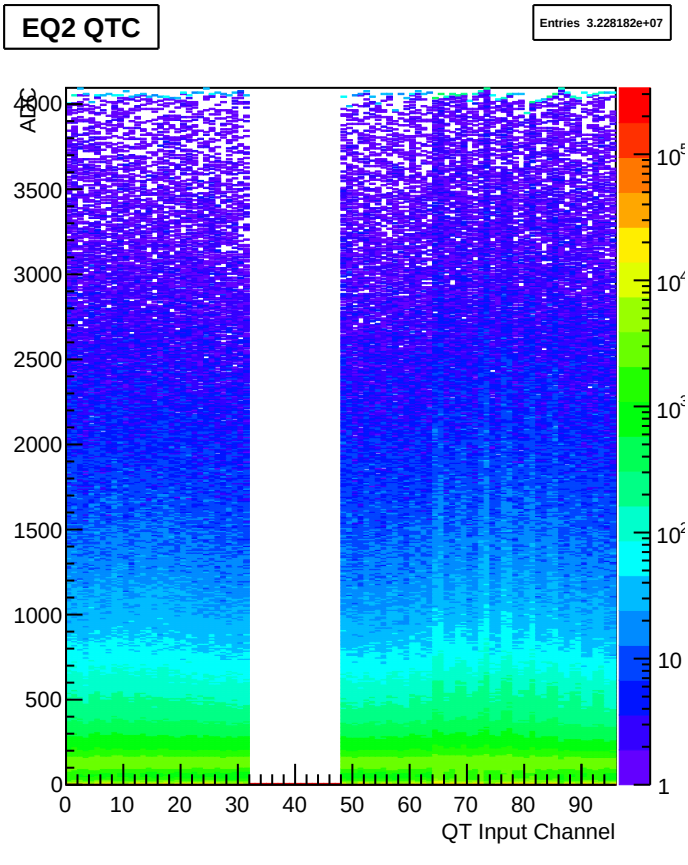

EQ1 QTB
Entries 3.397084e+07
TDC
QT Input Channel

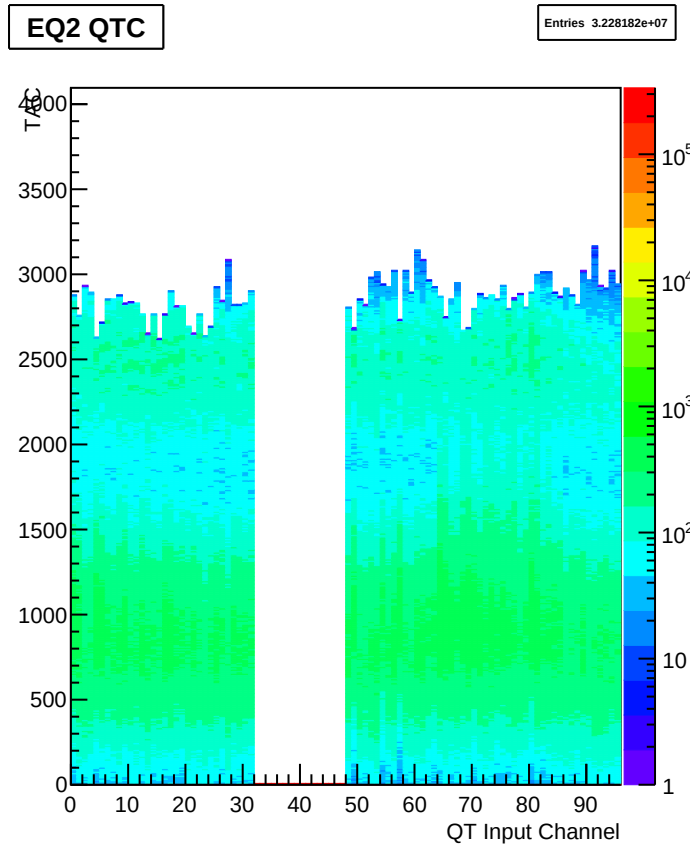

EQ1 QTC
Entries 3.228182e+07
ADC
QT Input Channel

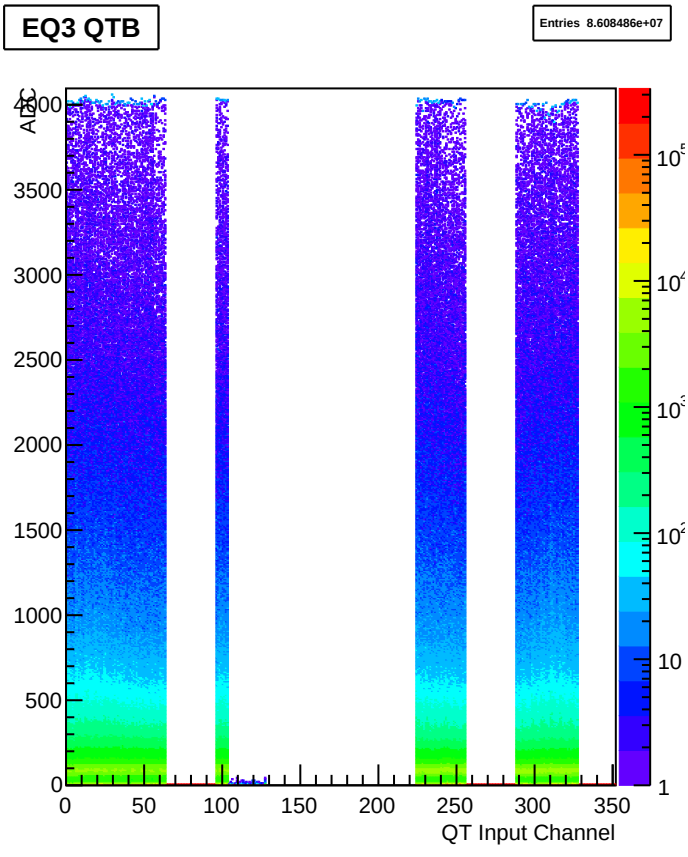

EQ1 QTC
Entries 3.228182e+07
TADC
QT Input Channel

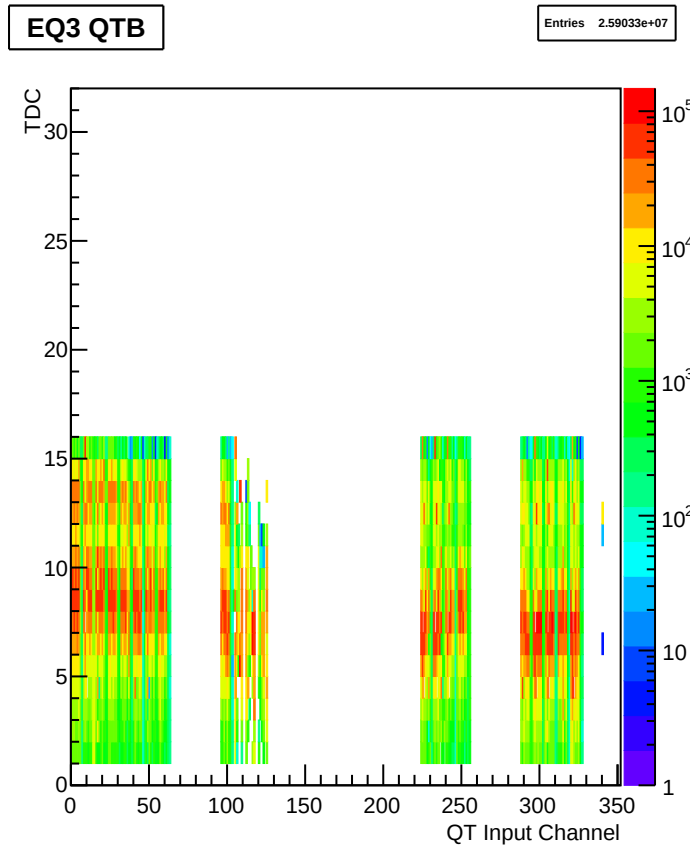

EQ2 QTB
Entries 9.684547e+07
ADC
QT Input Channel

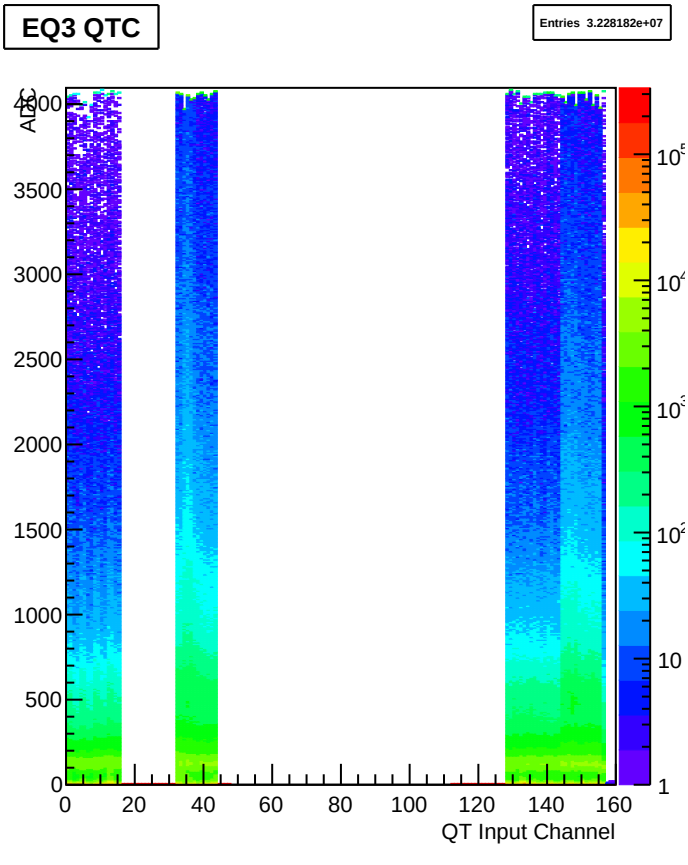

EQ2 QTB
Entries 2.634443e+07
TDC
QT Input Channel

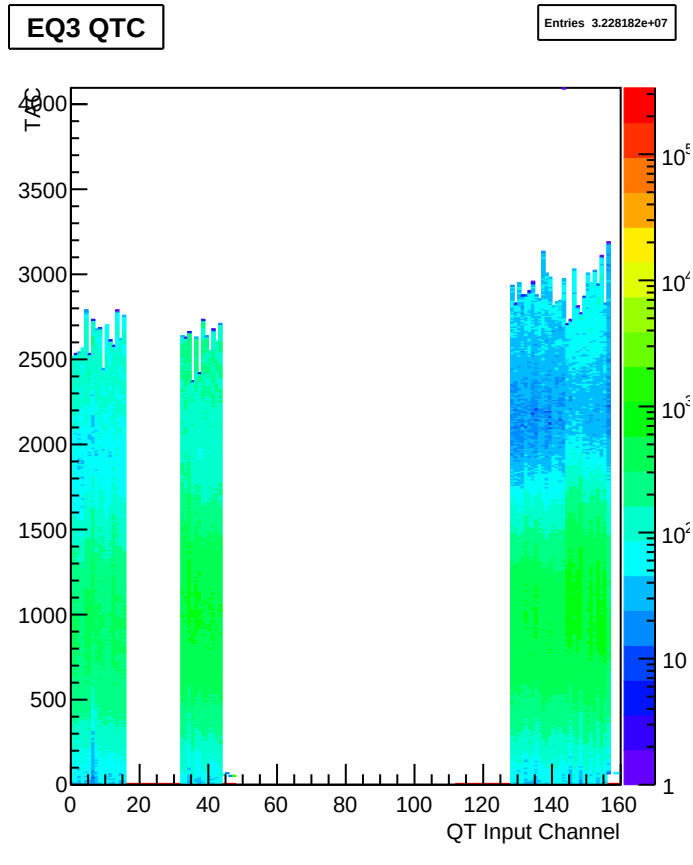

EQ2 QTC
Entries 3.228182e+07
ADC
QT Input Channel

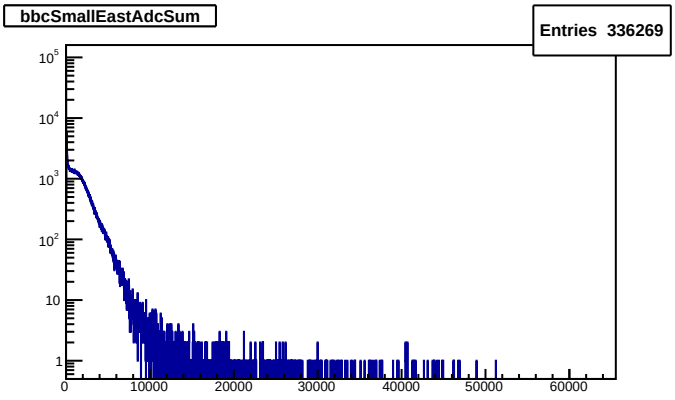

EQ2 QTC
Entries 3.228182e+07
TADC
QT Input Channel

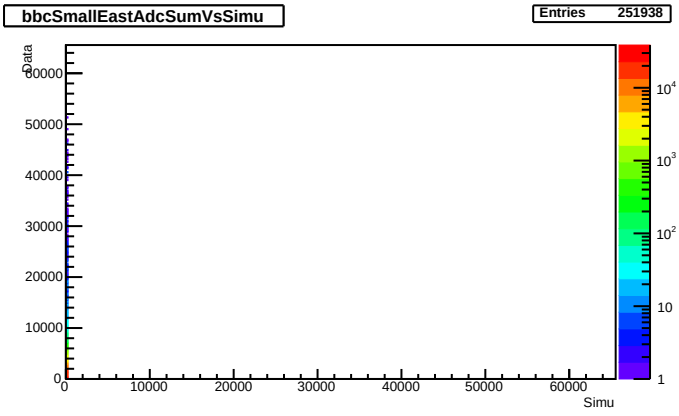

EQ3 QTB
Entries 8.608486e+07
ADC
QT Input Channel

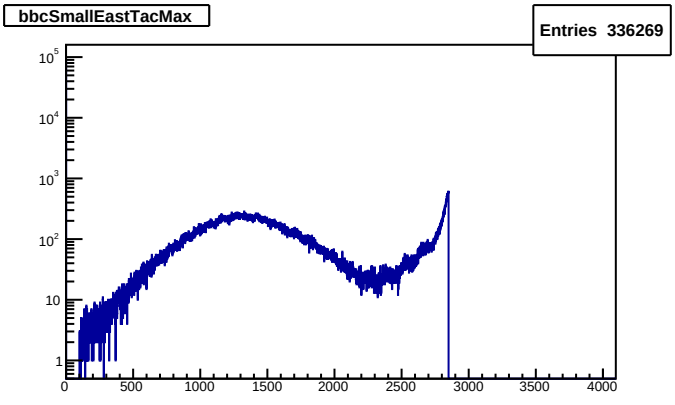

EQ3 QTB
Entries 2.59033e+07
TDC
QT Input Channel

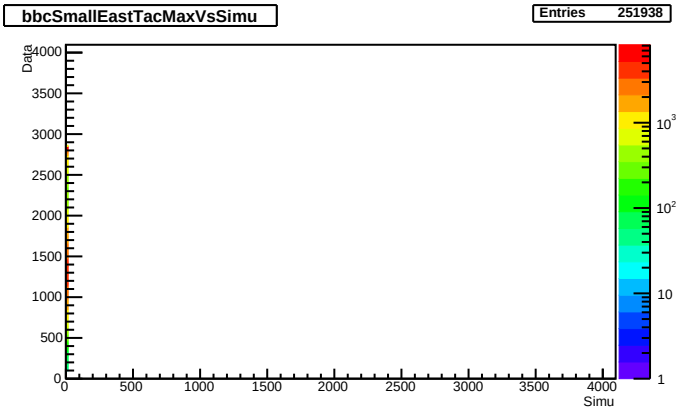

EQ3 QTC
Entries 3.228182e+07
ADC
QT Input Channel

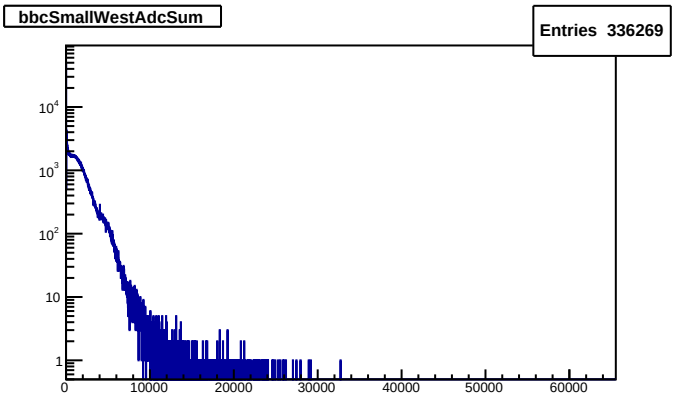

EQ3 QTC
Entries 3.228182e+07
TADC
QT Input Channel

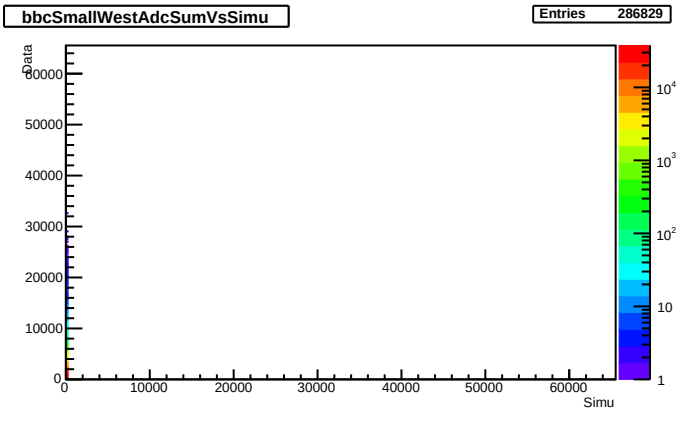

bbcSmallEastAdcSum
Entries 336269

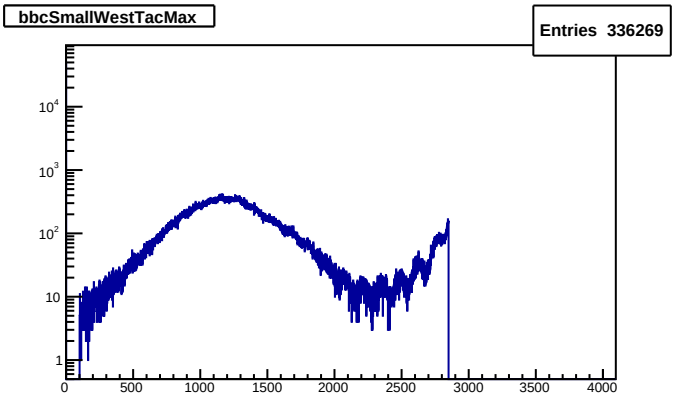

bbcSmallEastAdcSumVsSimu
Entries 251938
Data
Simu

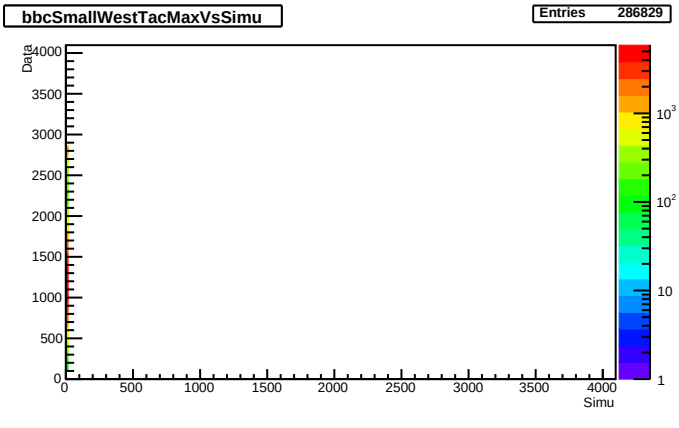

bbcSmallEastTacMax
Entries 336269

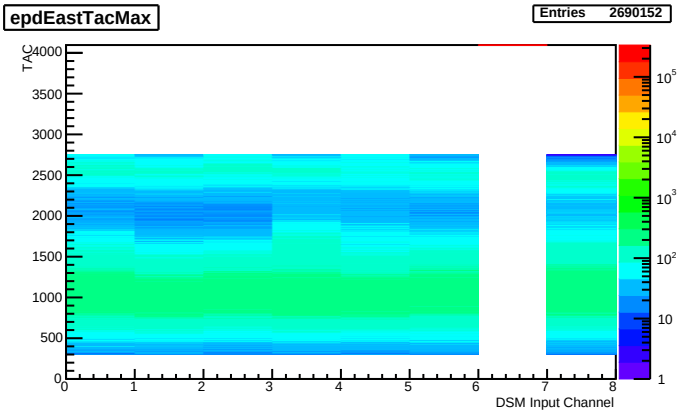

bbcSmallEastTacMaxVsSimu
Entries 251938
Data
Simu

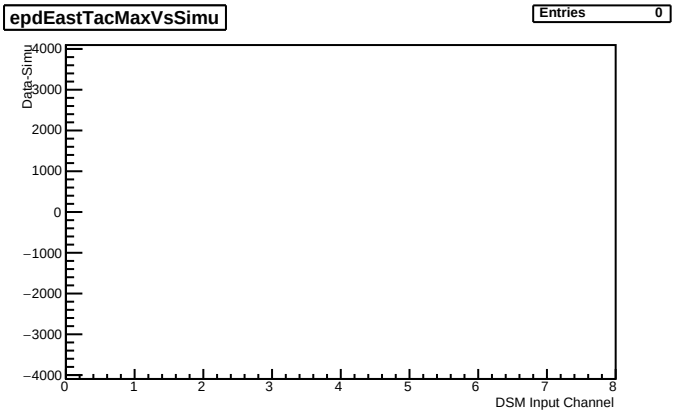

bbcSmallWestAdcSum
Entries 336269

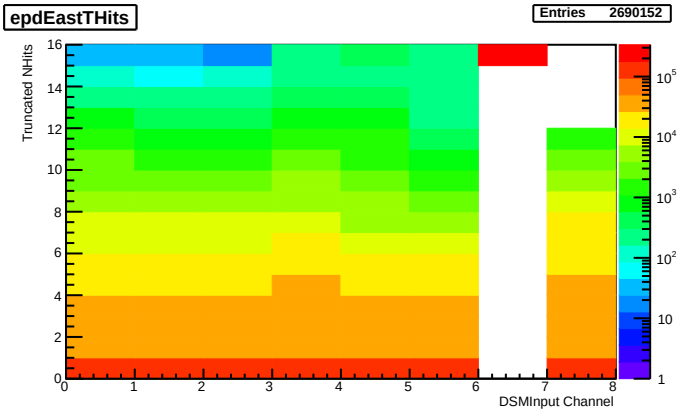

bbcSmallWestAdcSumVsSimu
Entries 286829
Data
Simu

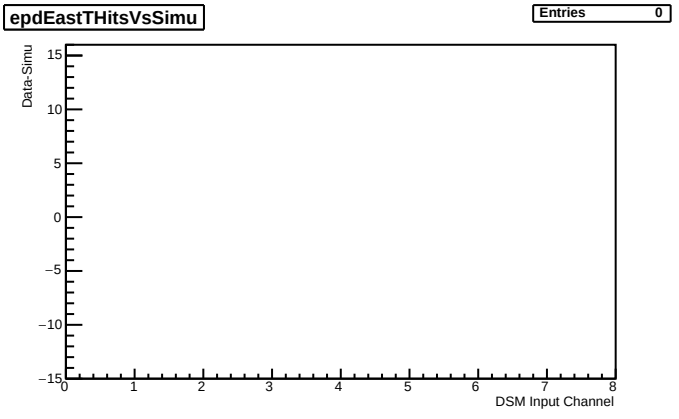

bbcSmallWestTacMax
Entries 336269

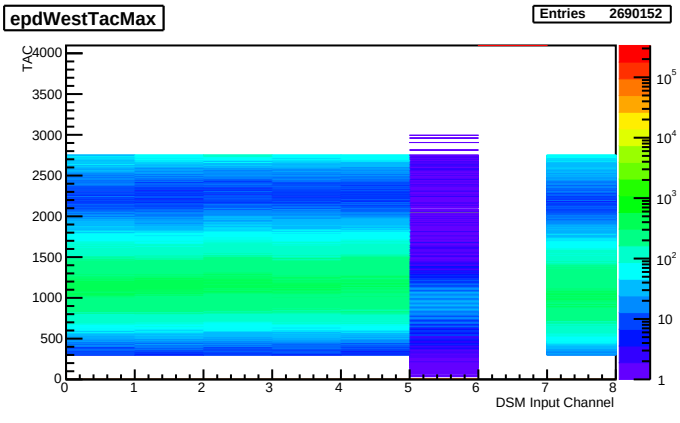

bbcSmallWestTacMaxVsSimu
Entries 286829
Data
Simu

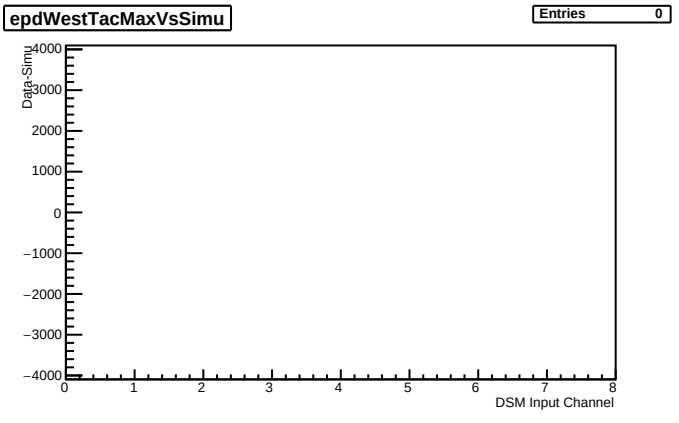

epdEastTacMax
Entries 2690152
TAC
DSM Input Channel

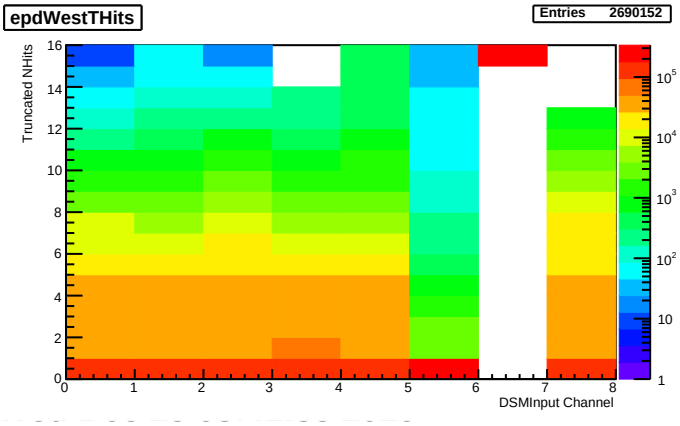

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

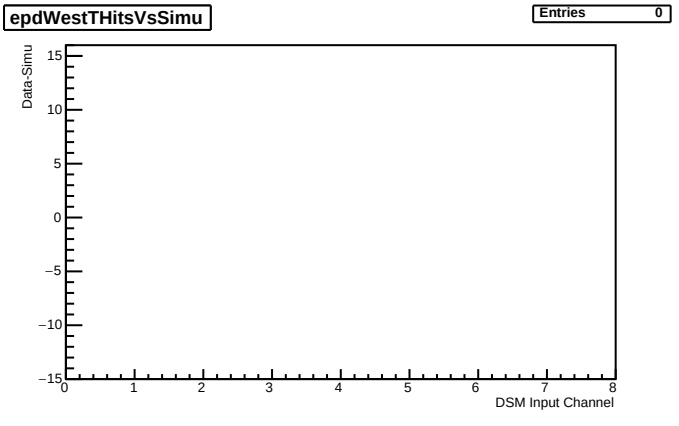

epdEastTHits
Entries 2690152
Truncated NHits
DSMInput Channel

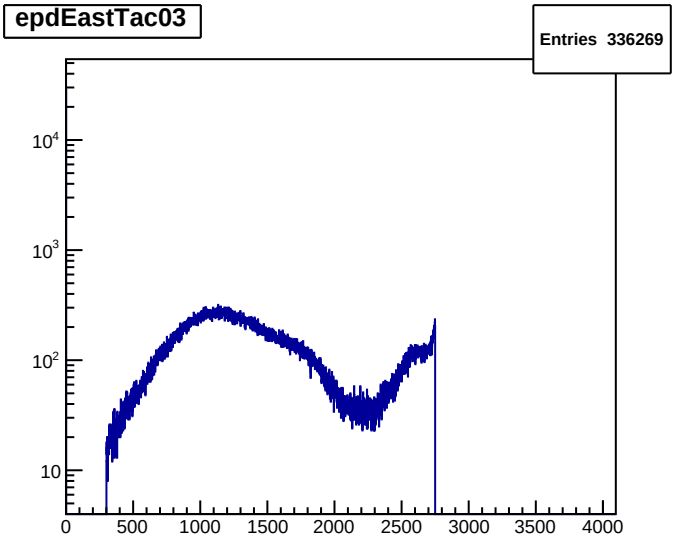

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

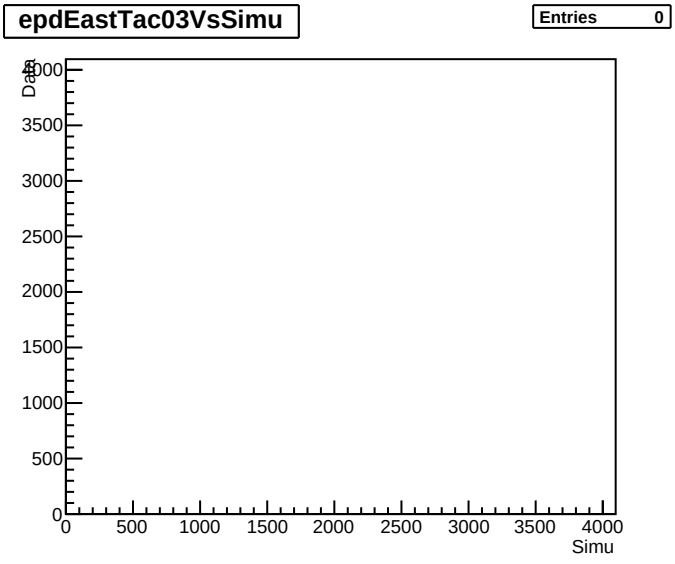

epdWestTacMax
Entries 2690152
TAC
DSM Input Channel

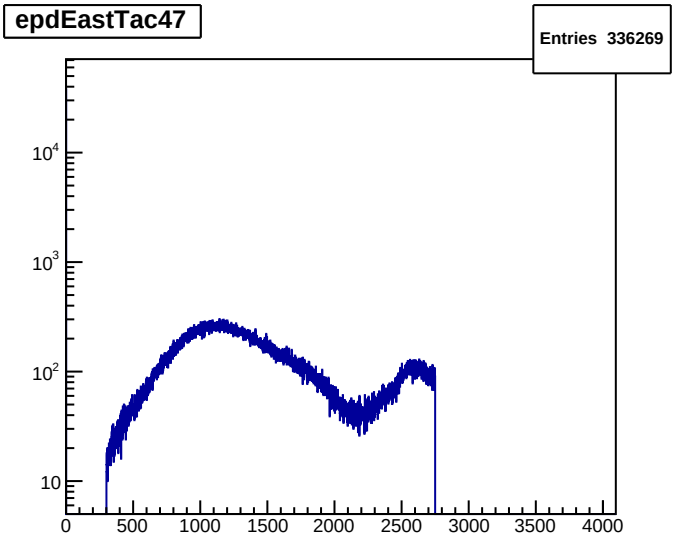

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

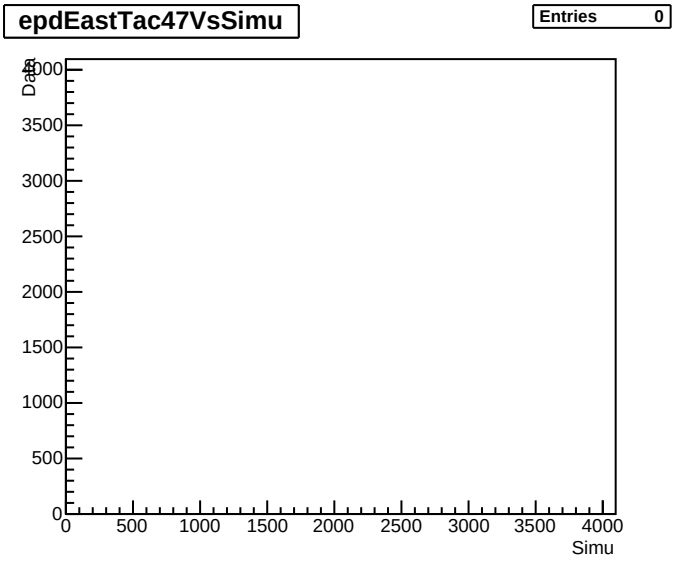

epdWestTHits
Entries 2690152
Truncated NHits
DSMInput Channel

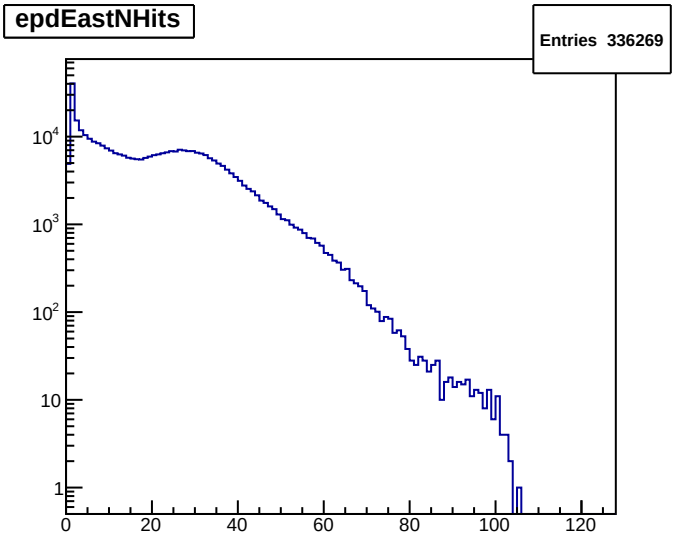

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

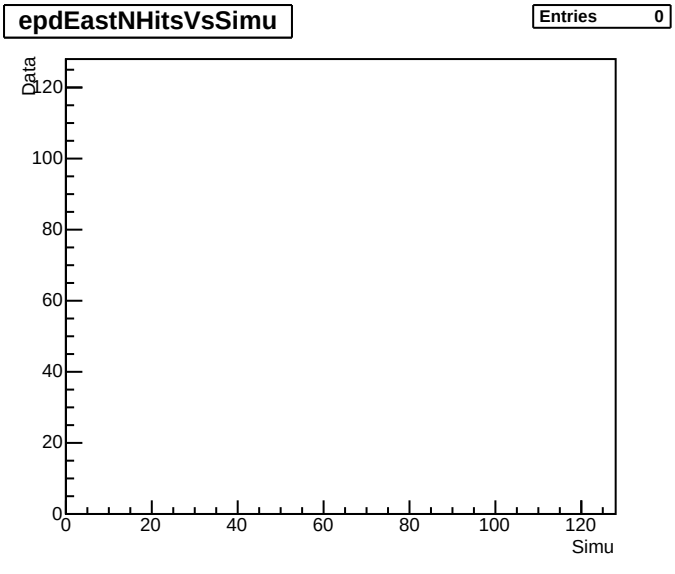

epdEastTac03
Entries 336269

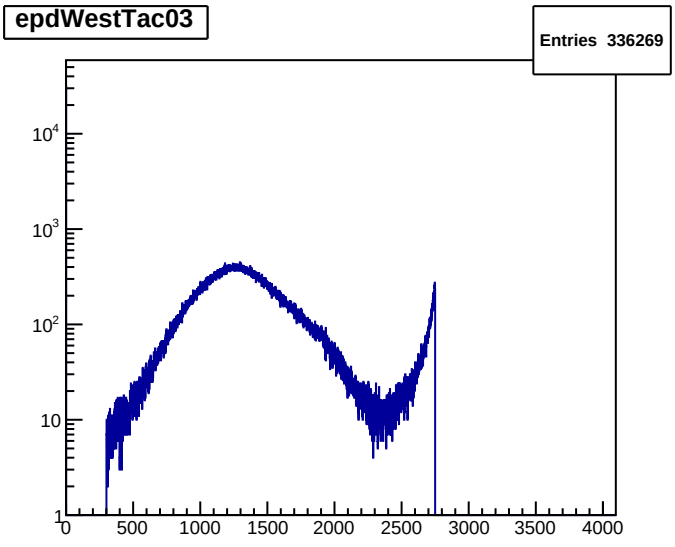

epdEastTac03VsSimu
Entries 0
Data
Simu

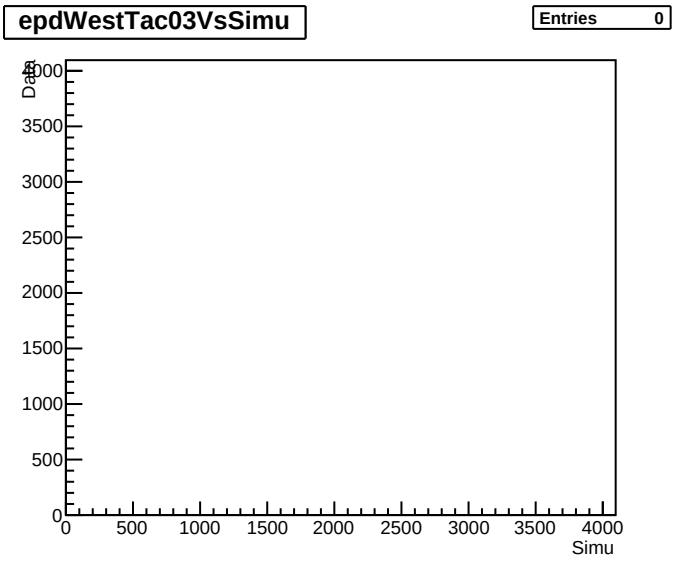

epdEastTac47
Entries 336269

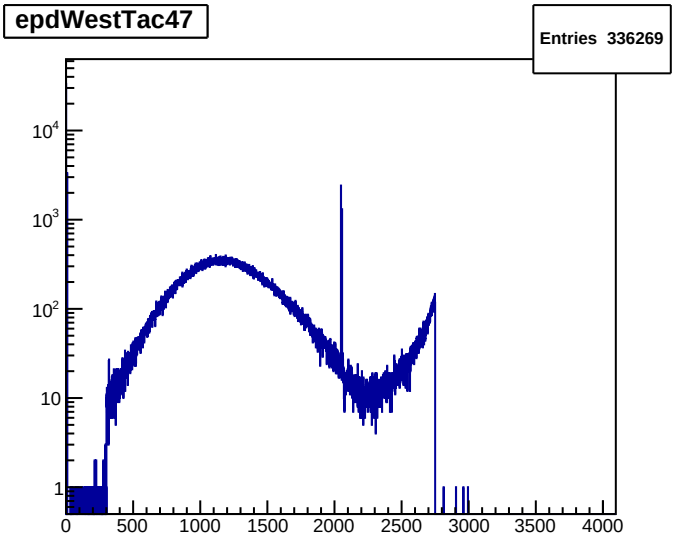

epdEastTac47VsSimu
Entries 0
Data
Simu

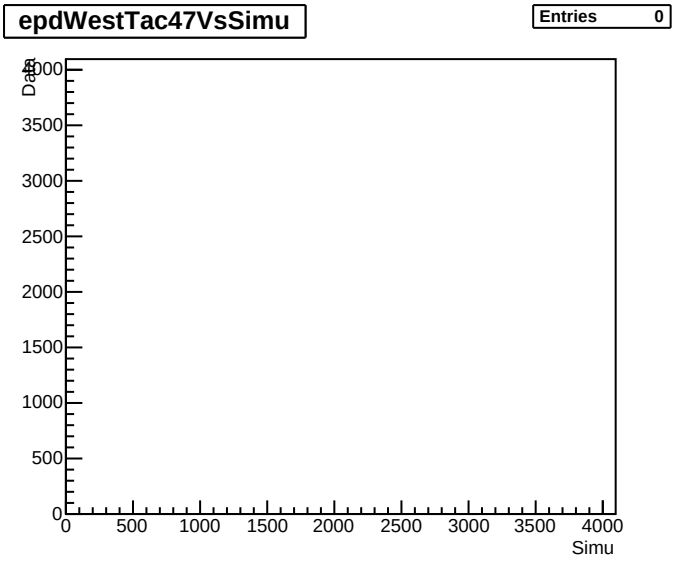

epdEastNHits
Entries 336269

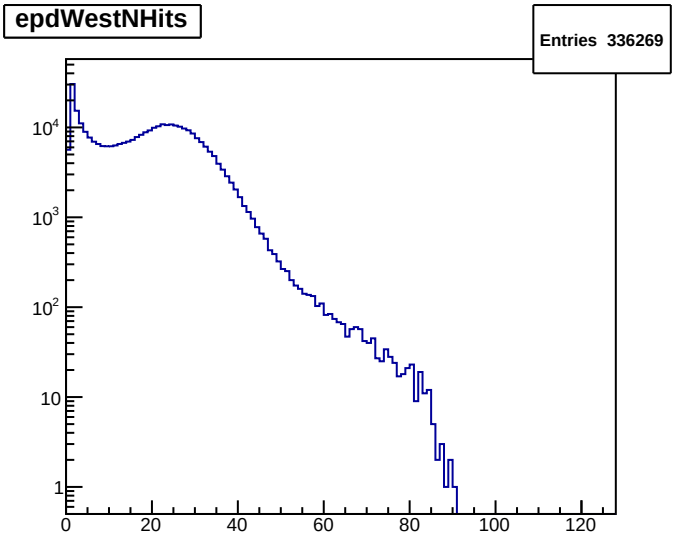

epdEastNHitsVsSimu
Entries 0
Data
Simu

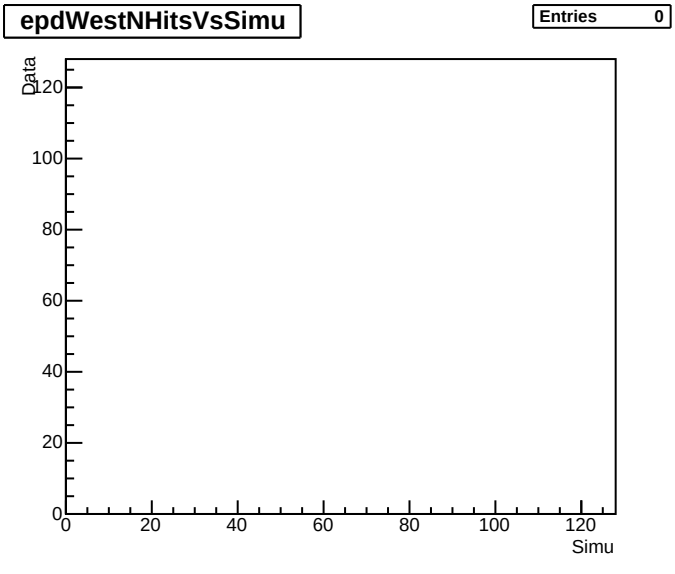

epdWestTac03
Entries 336269

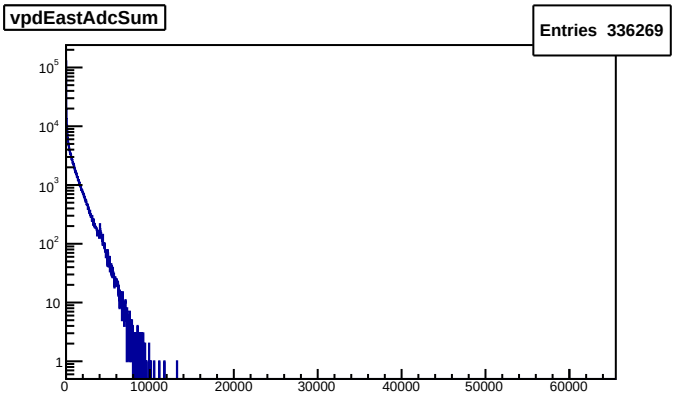

epdWestTac03VsSimu
Entries 0
Data
Simu

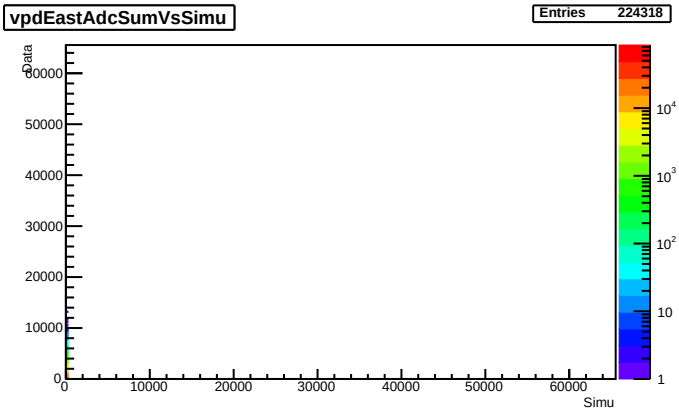

epdWestTac47
Entries 336269

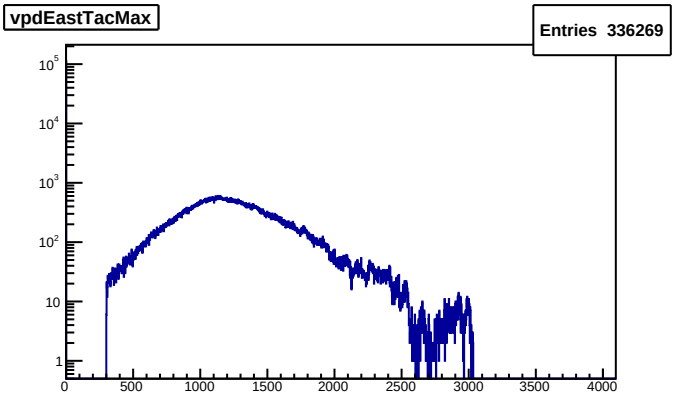

epdWestTac47VsSimu
Entries 0
Data
Simu

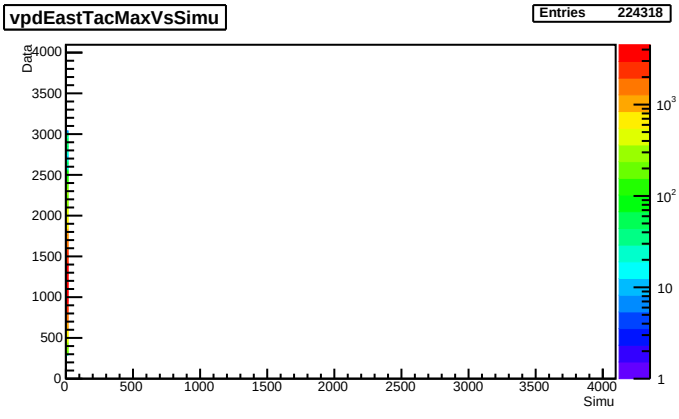

epdWestNHits
Entries 336269

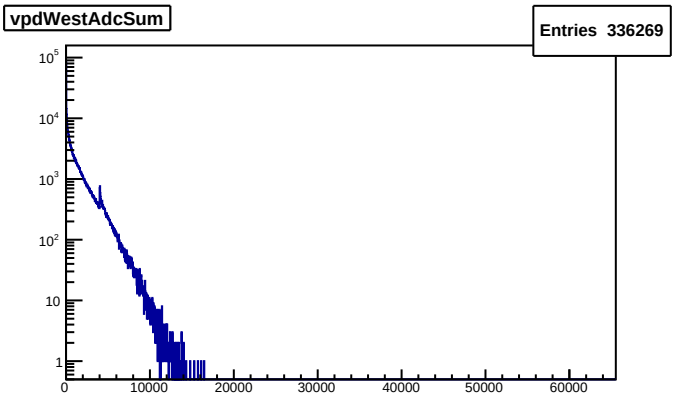

epdWestNHitsVsSimu
Entries 0
Data
Simu

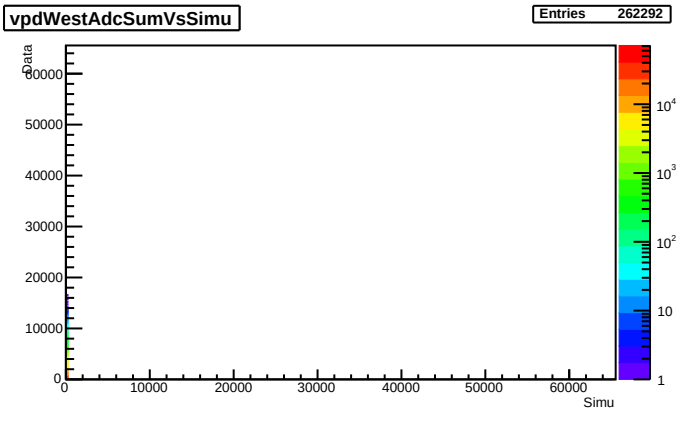

vpdEastAdcSum
Entries 336269

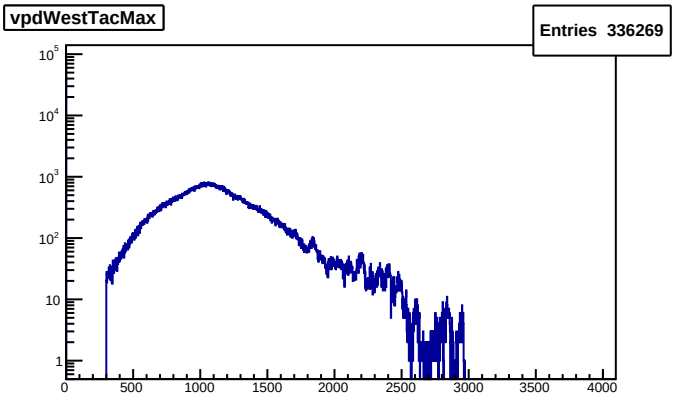

vpdEastAdcSumVsSimu
Entries 224318
Data
Simu

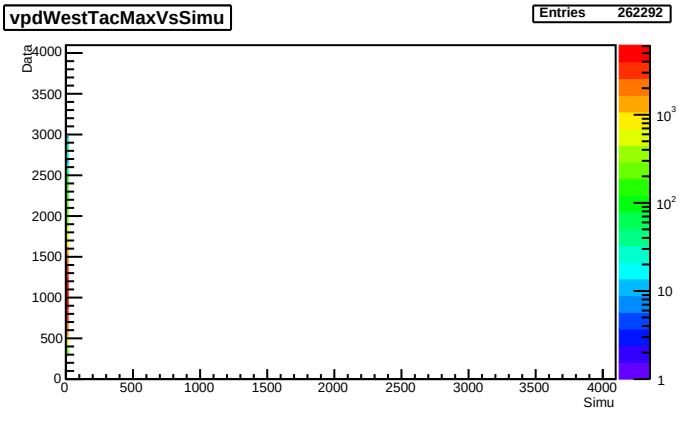

vpdEastTacMax
Entries 336269

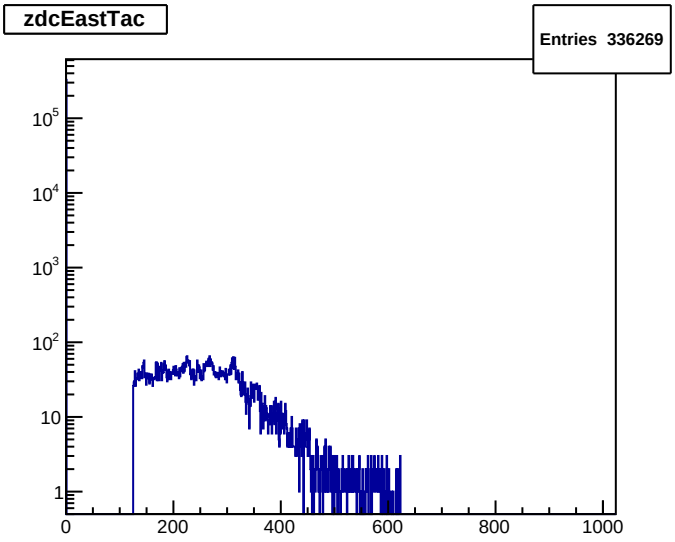

vpdEastTacMaxVsSimu
Entries 224318
Data
Simu

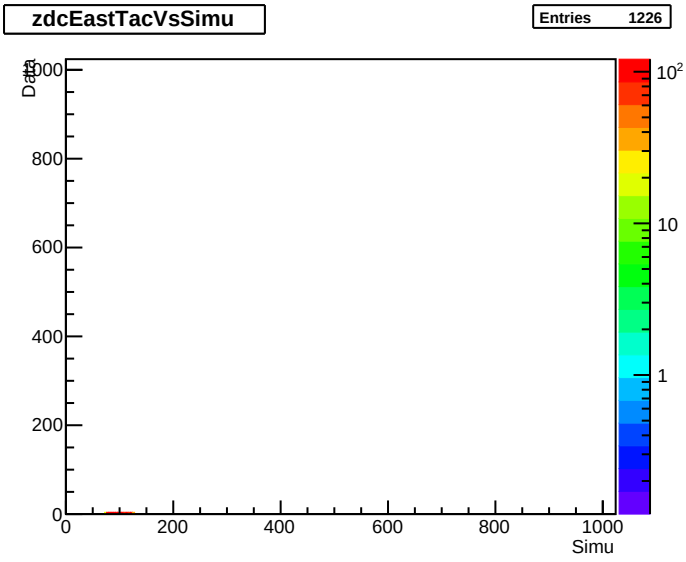

vpdWestAdcSum
Entries 336269

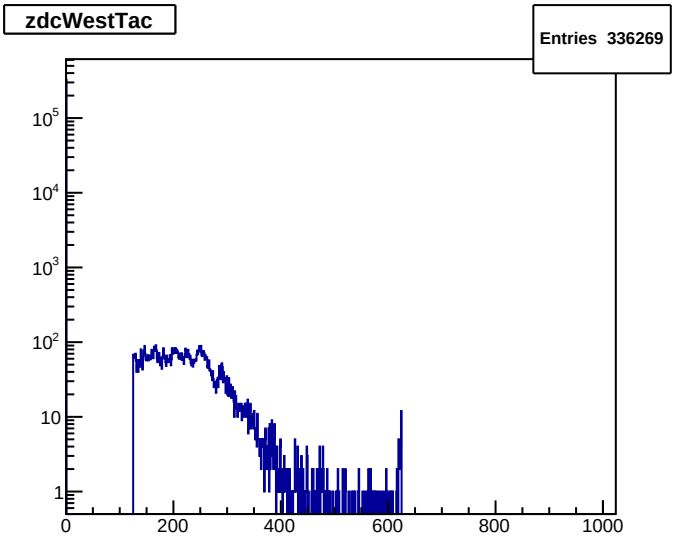

vpdWestAdcSumVsSimu
Entries 262292
Data
Simu

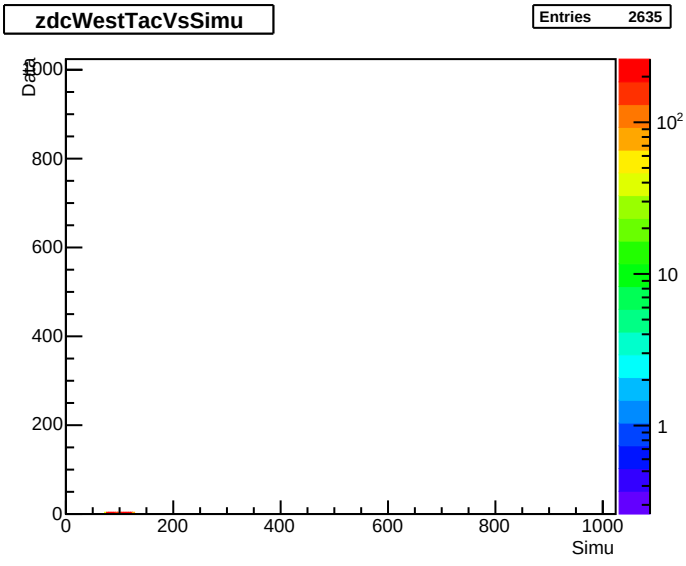

vpdWestTacMax
Entries 336269

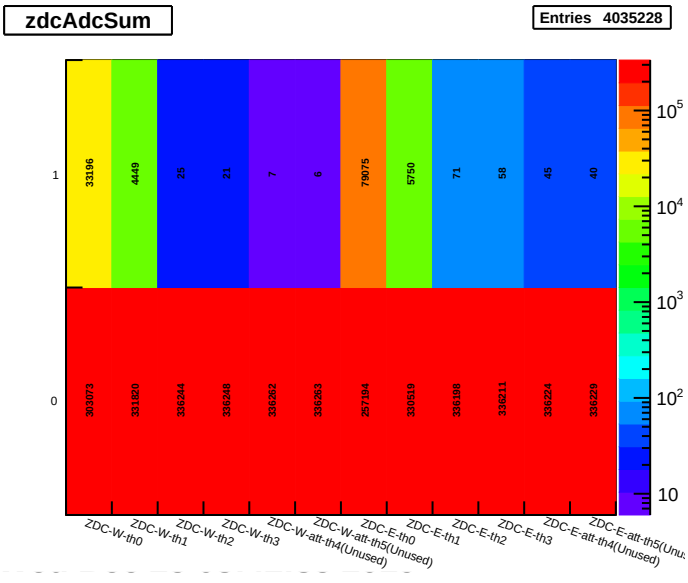

vpdWestTacMaxVsSimu
Entries 262292
Data
Simu

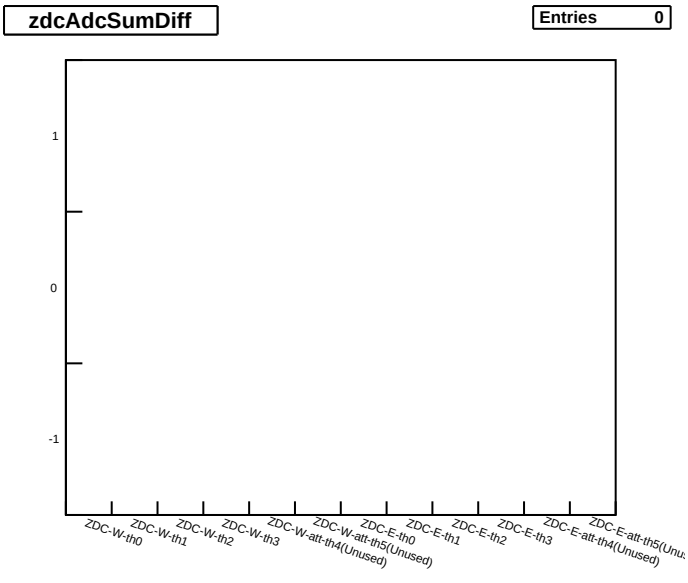

zdcEastTac
Entries 336269

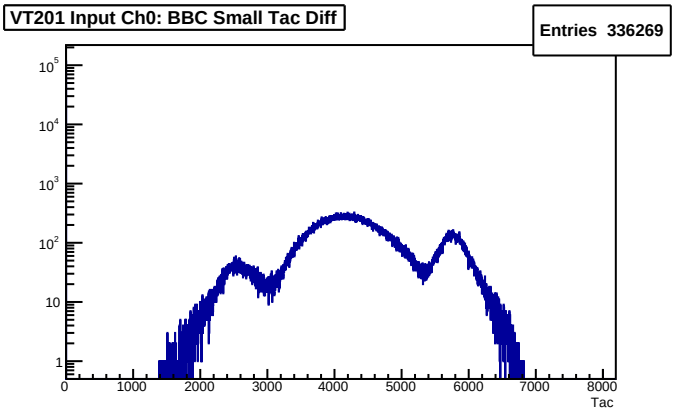

zdcEastTacVsSimu
Entries 1226
Data
Simu

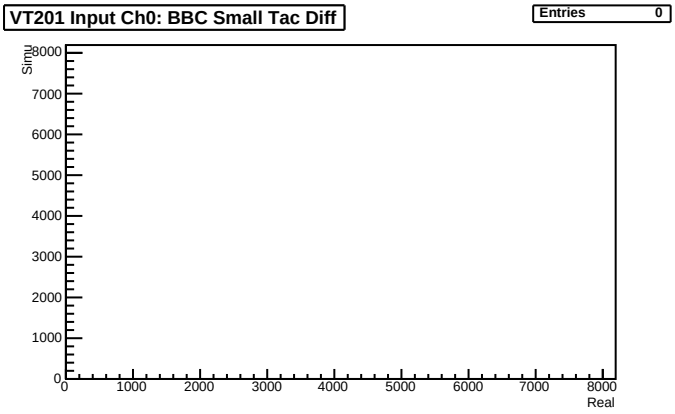

zdcWestTac
Entries 336269

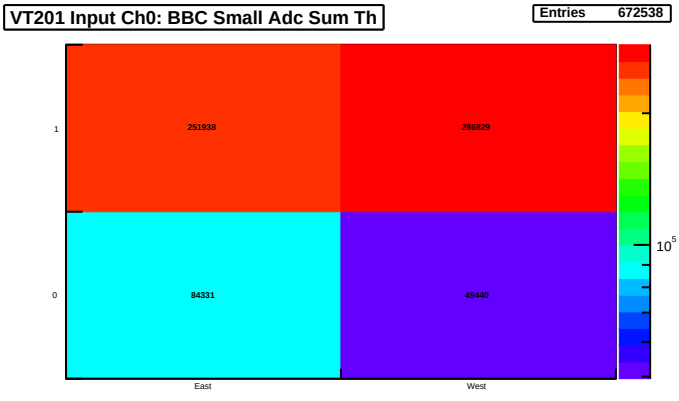

zdcWestTacVsSimu
Entries 2635
Data
Simu

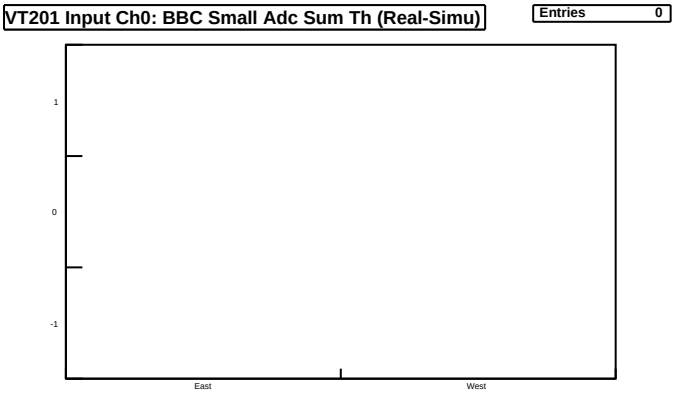

zdcAdcSum
Entries 4035228
33196
4449
25
21
7
6
79075
5750
71
58
45
40
303073
331820
336244
336248
336262
336263
257194
330519
336198
336211
336224
336229
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

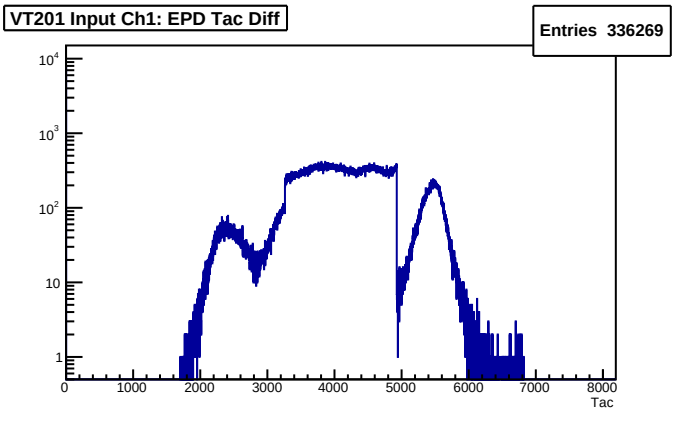

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

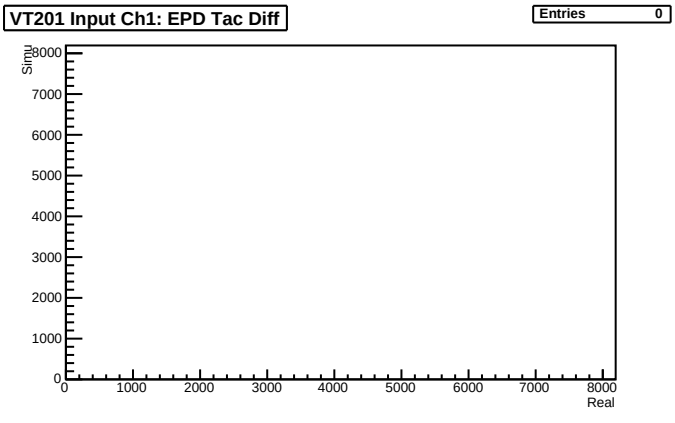

VT201 Input Ch0: BBC Small Tac Diff
Entries 336269
Tac

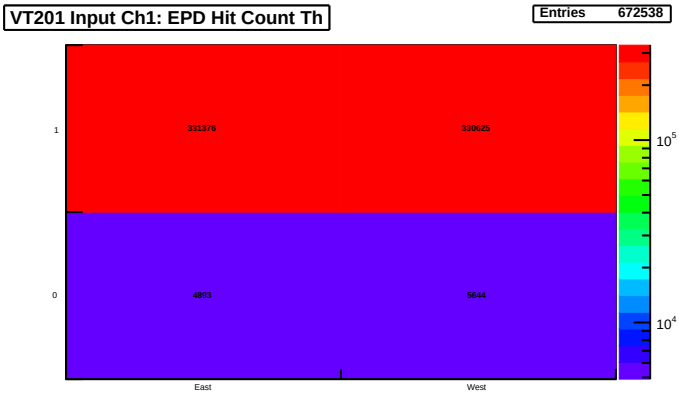

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

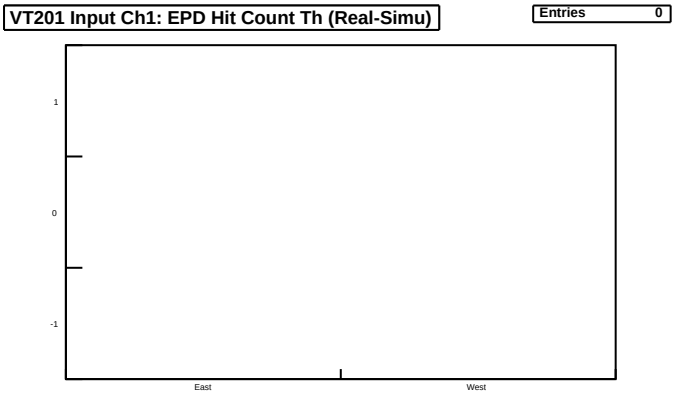

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 672538
251938
286829
84331
49440
East
West

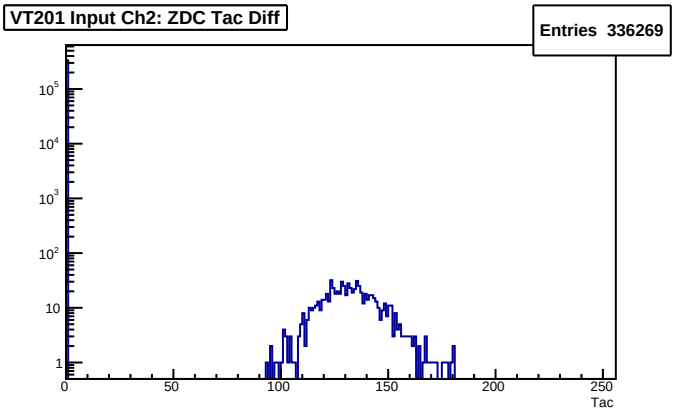

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

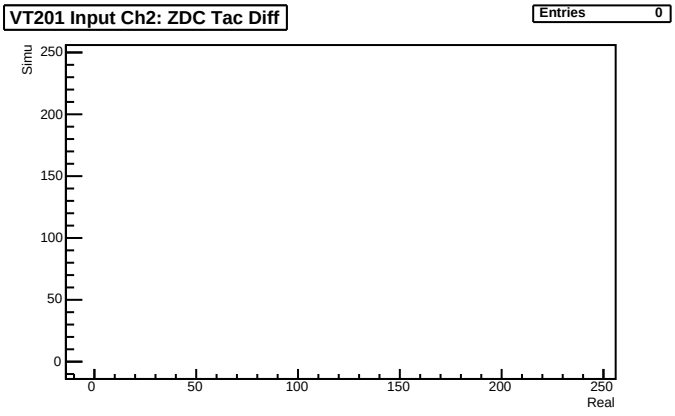

VT201 Input Ch1: EPD Tac Diff
Entries 336269
Tac

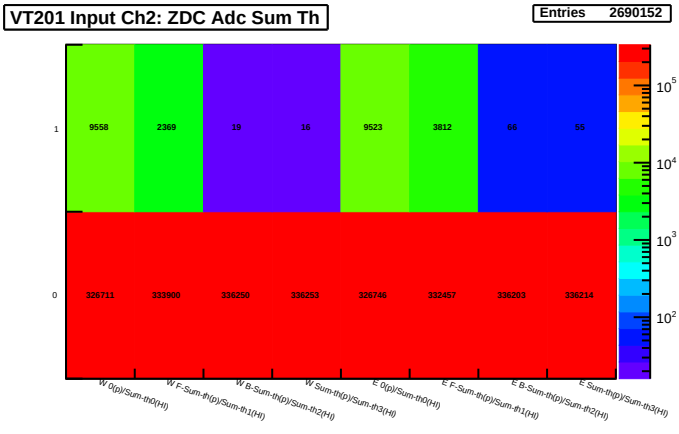

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

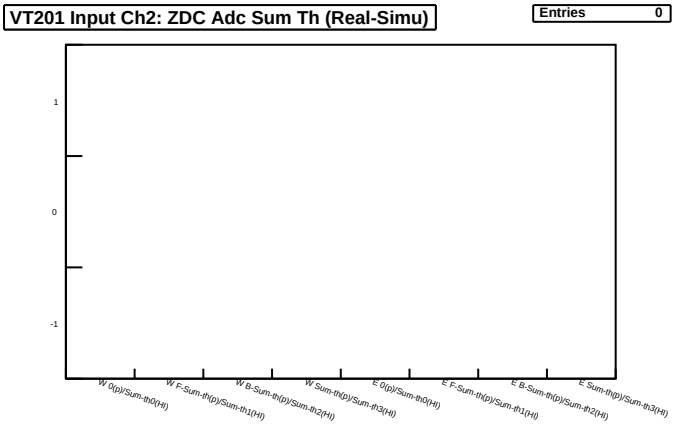

VT201 Input Ch1: EPD Hit Count Th
Entries 672538
331376
330625
4893
5644
East
West

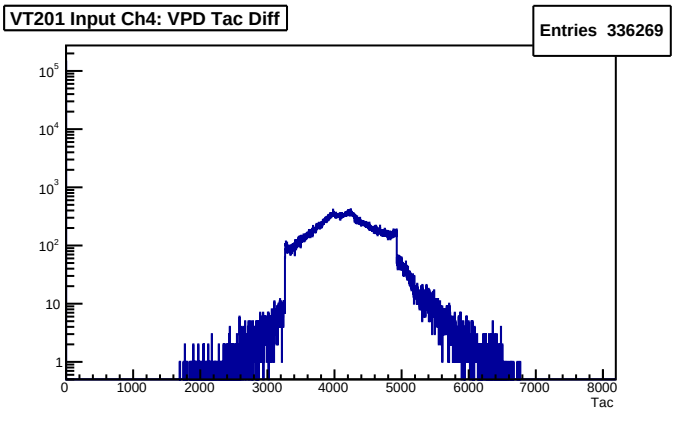

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

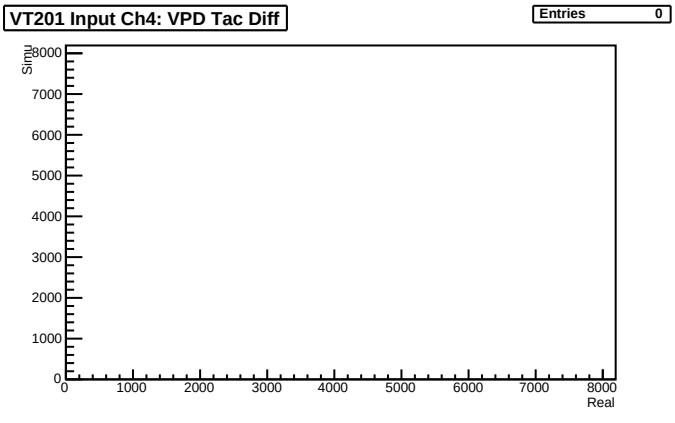

VT201 Input Ch2: ZDC Tac Diff
Entries 336269
Tac

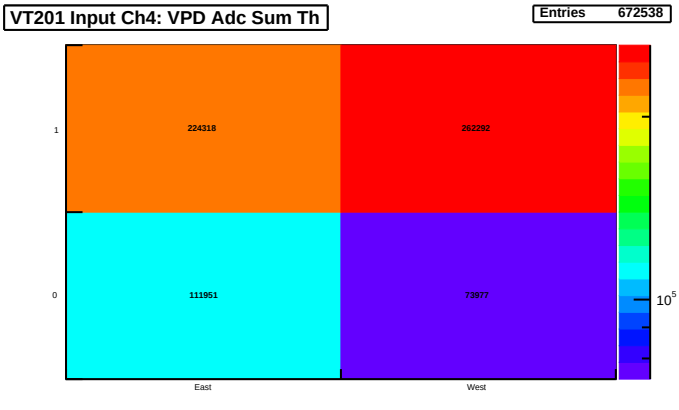

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

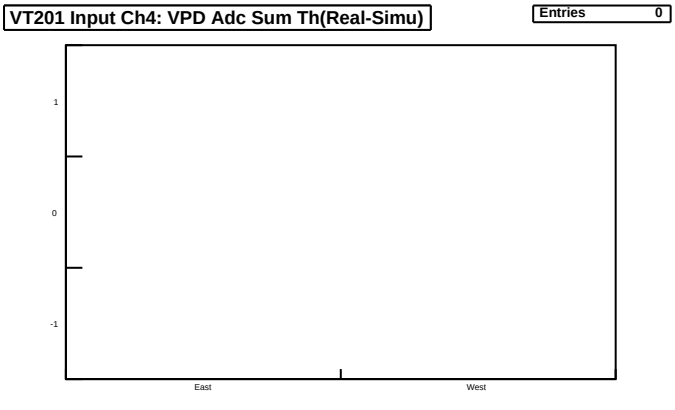

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2690152
9558
2369
19
16
9523
3812
66
55
326711
333900
336250
336253
326746
332457
336203
336214
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

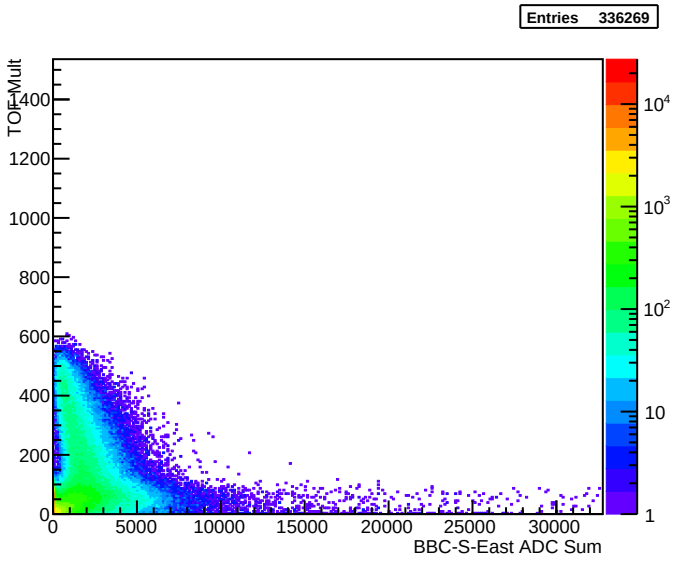

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

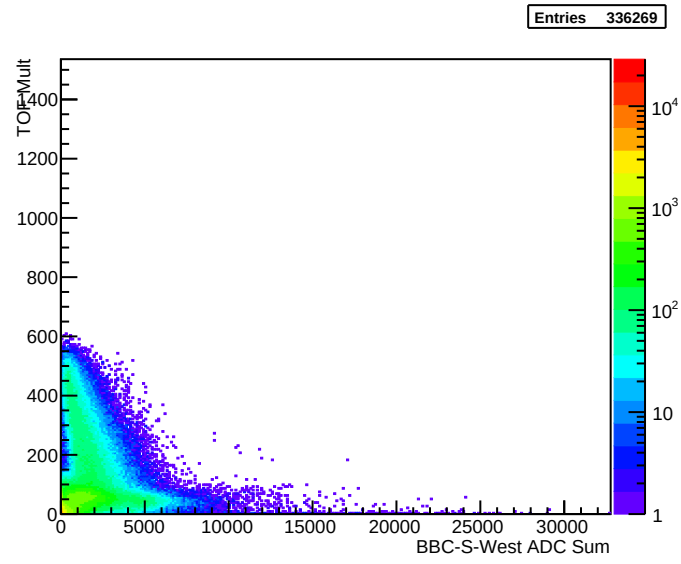

VT201 Input Ch4: VPD Tac Diff
Entries 336269
Tac

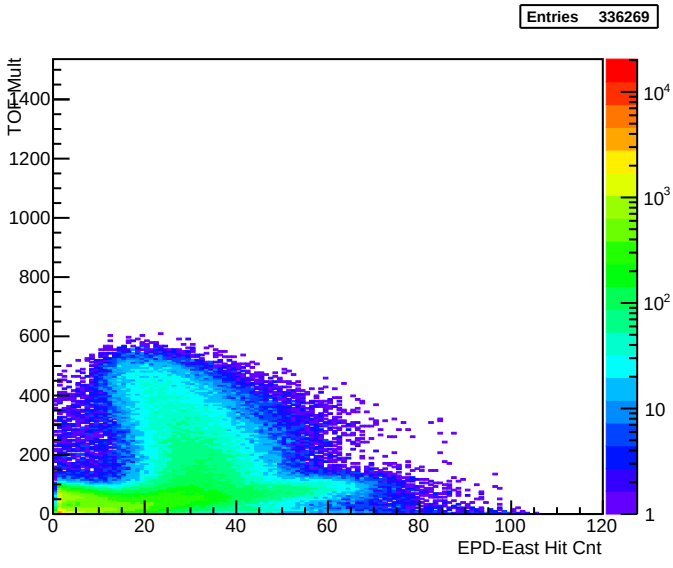

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

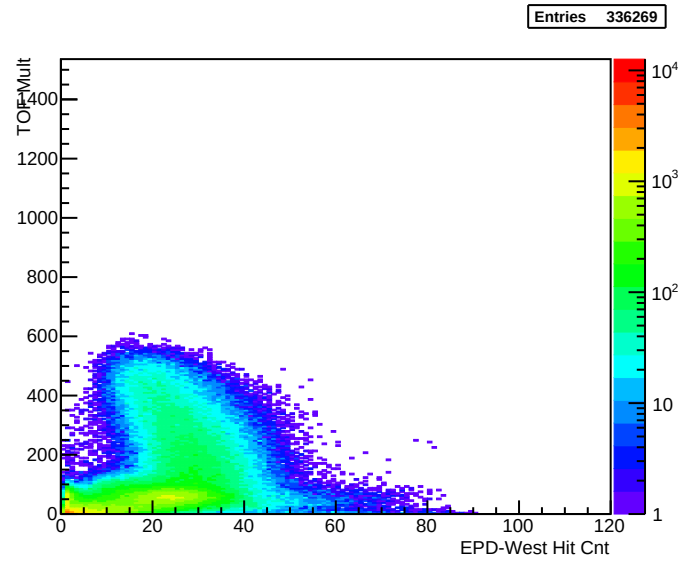

VT201 Input Ch4: VPD Adc Sum Th
Entries 672538
224318
262292
111951
73977
East
West

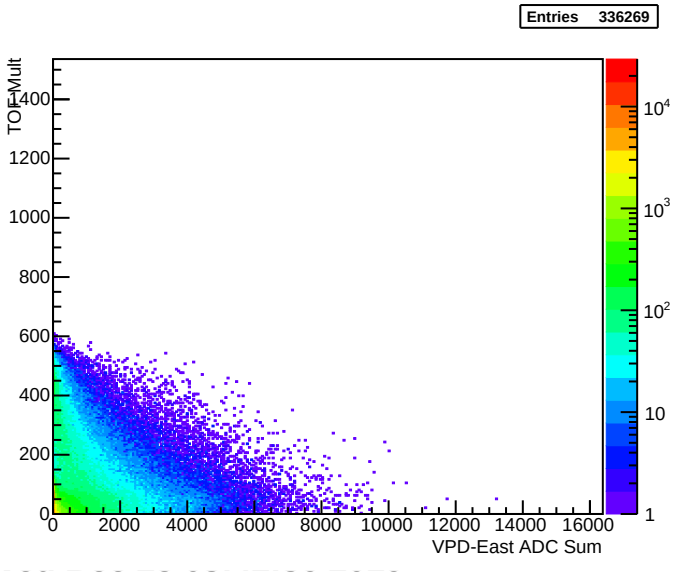

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

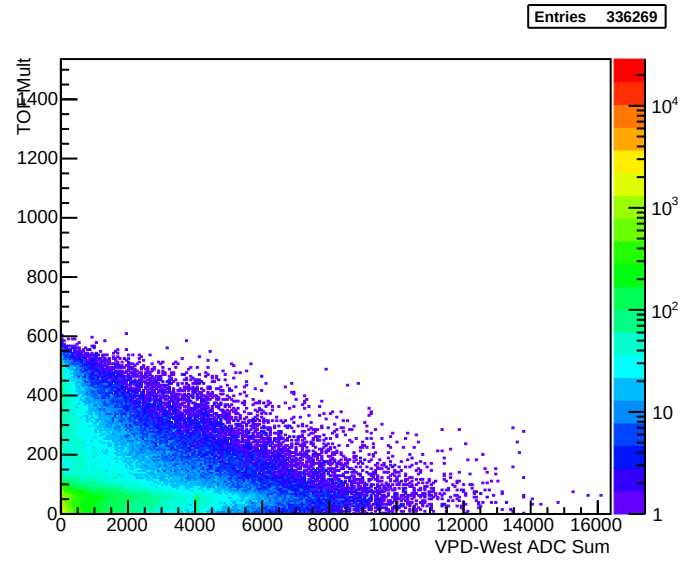

Entries 336269
TOF-Mult
BBC-S-East ADC Sum

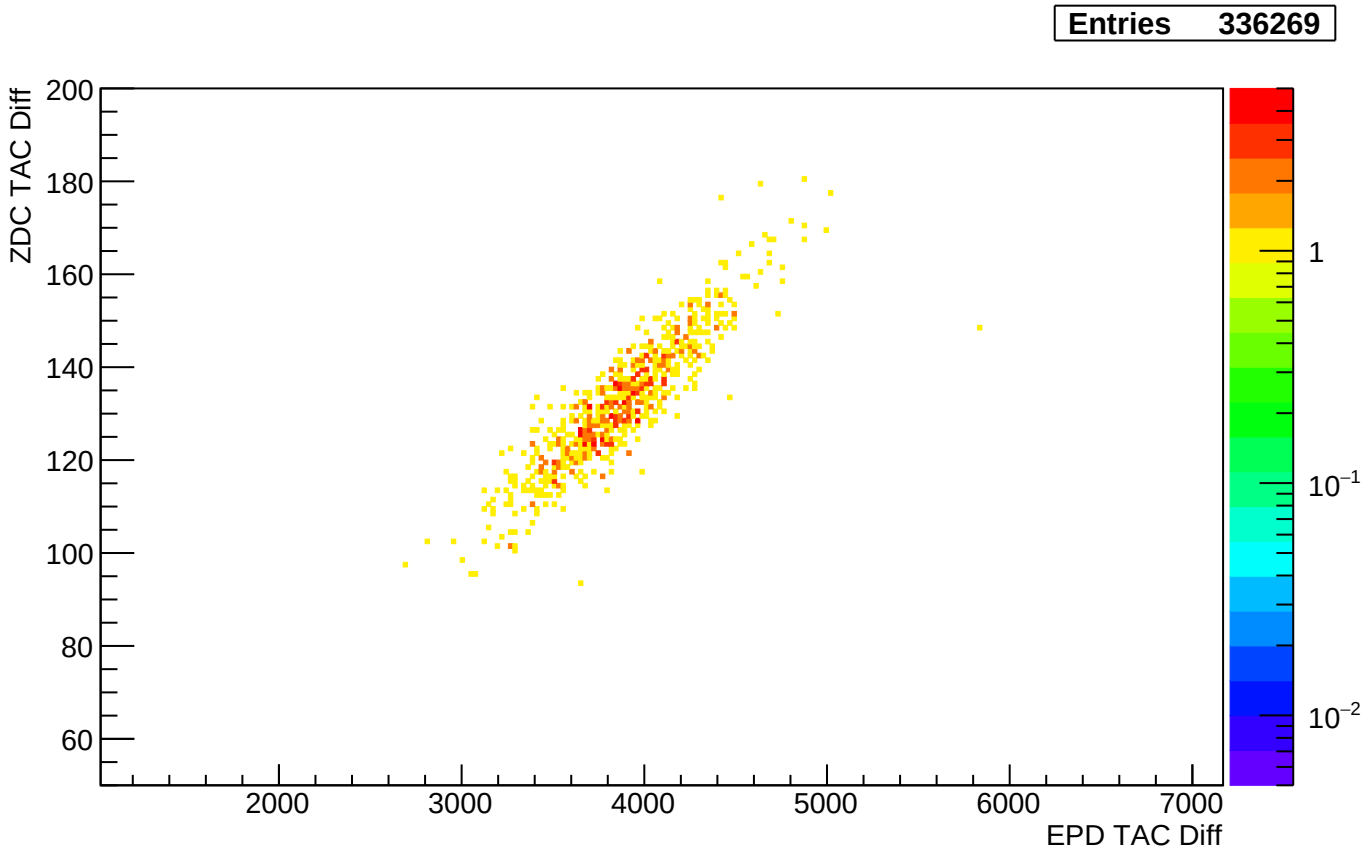

Entries 336269
TOF-Mult
BBC-S-West ADC Sum

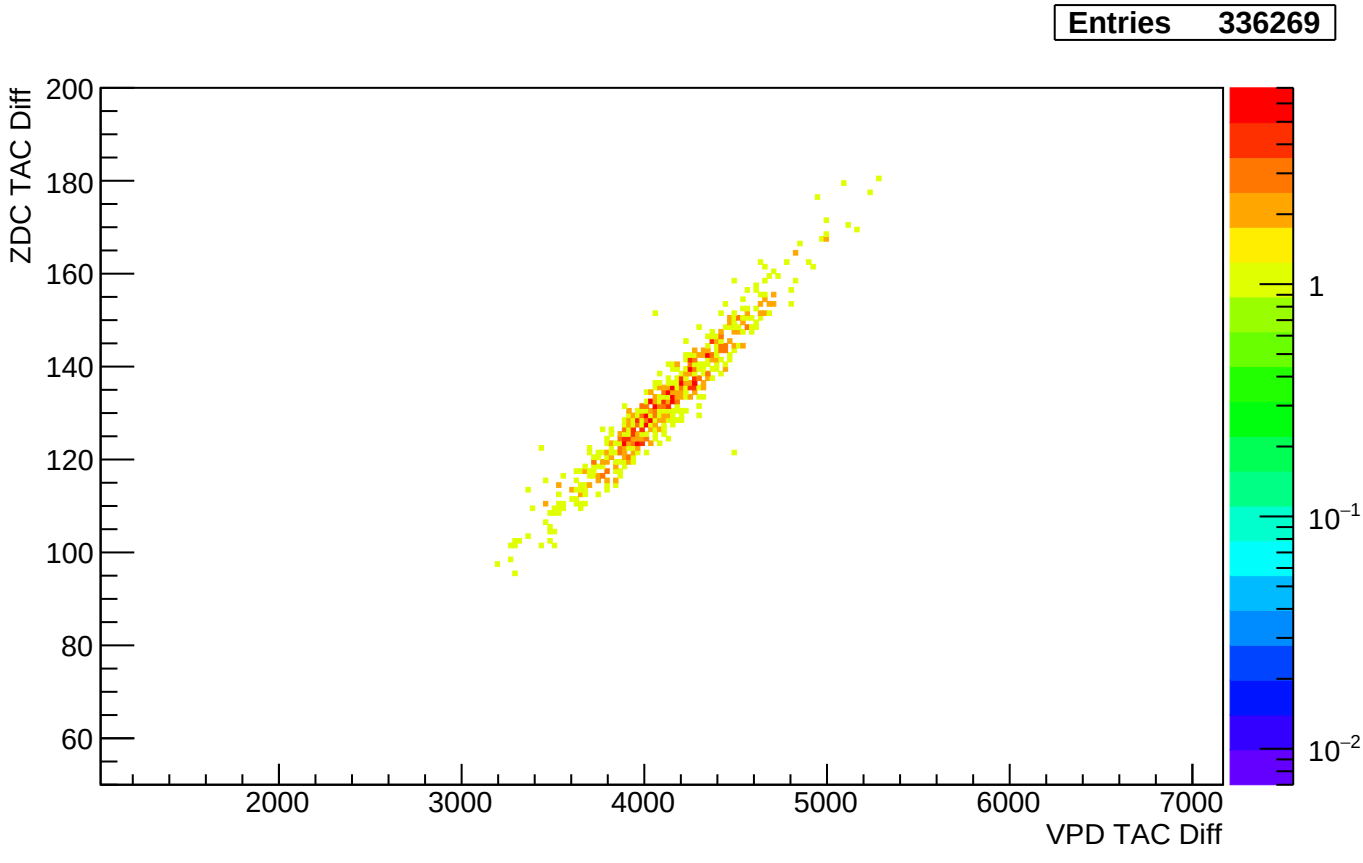

Entries 336269
TOF-Mult
EPD-East Hit Cnt

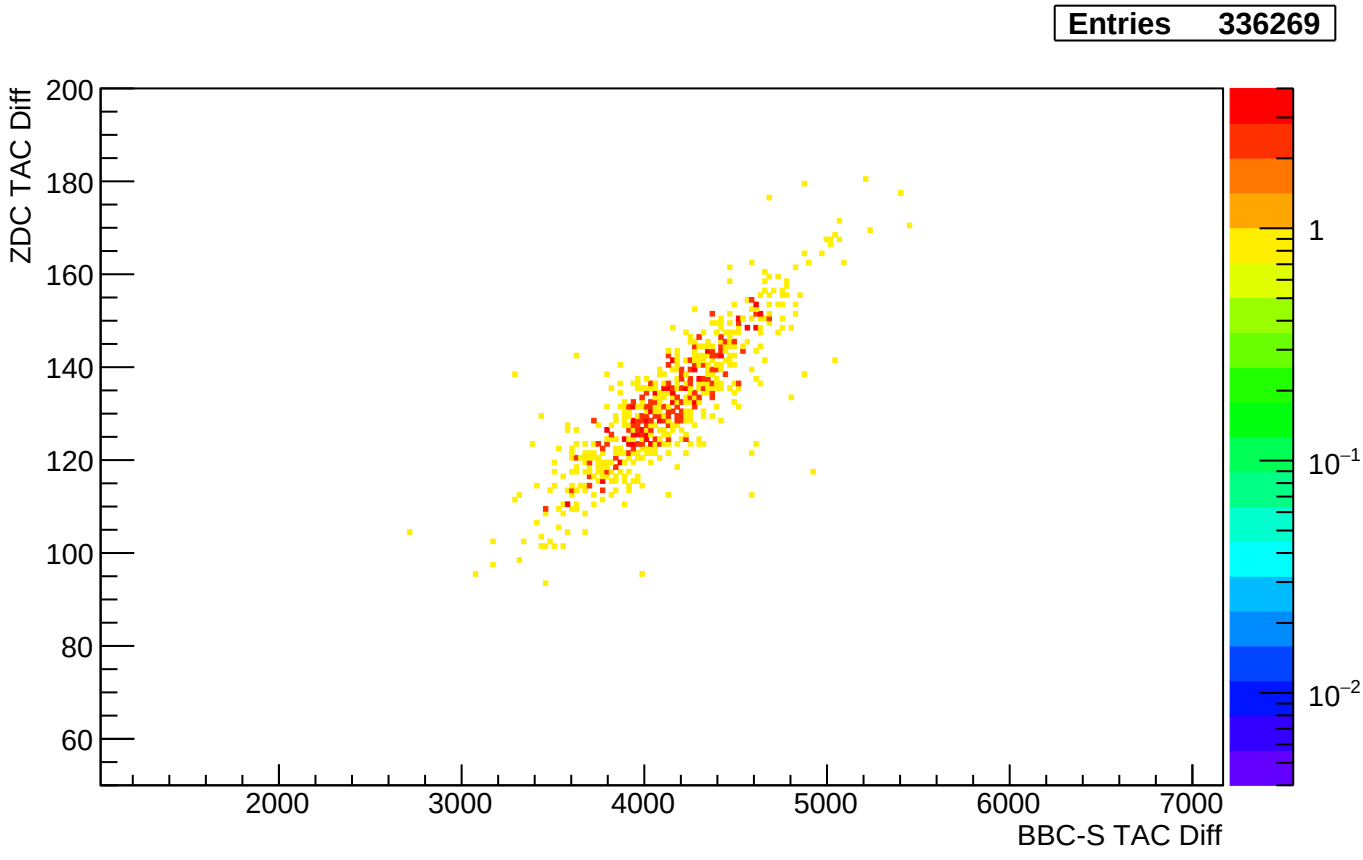

Entries 336269
TOF-Mult
EPD-West Hit Cnt

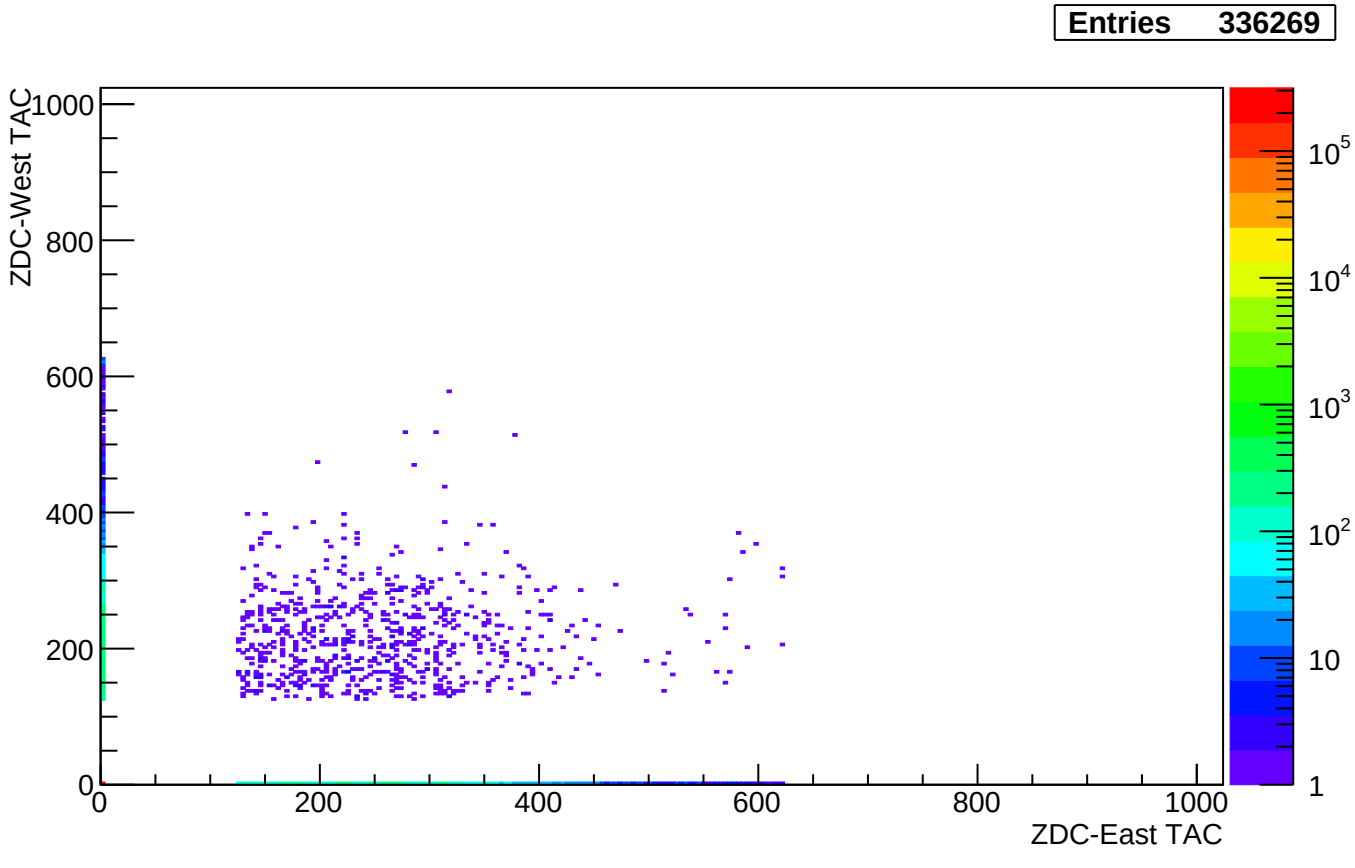

Entries 336269
TOF-Mult
VPD-East ADC Sum

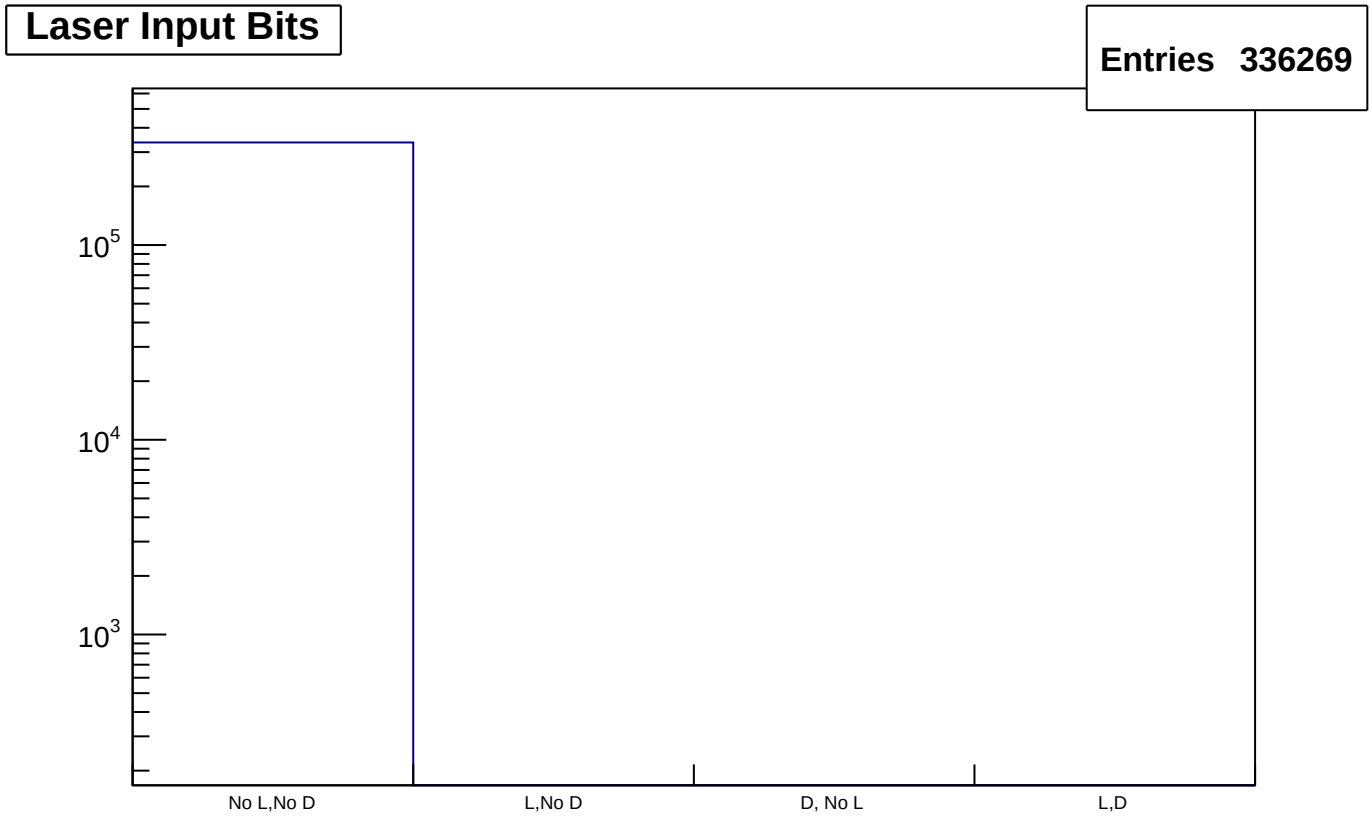

Entries 336269
TOF-Mult
VPD-West ADC Sum

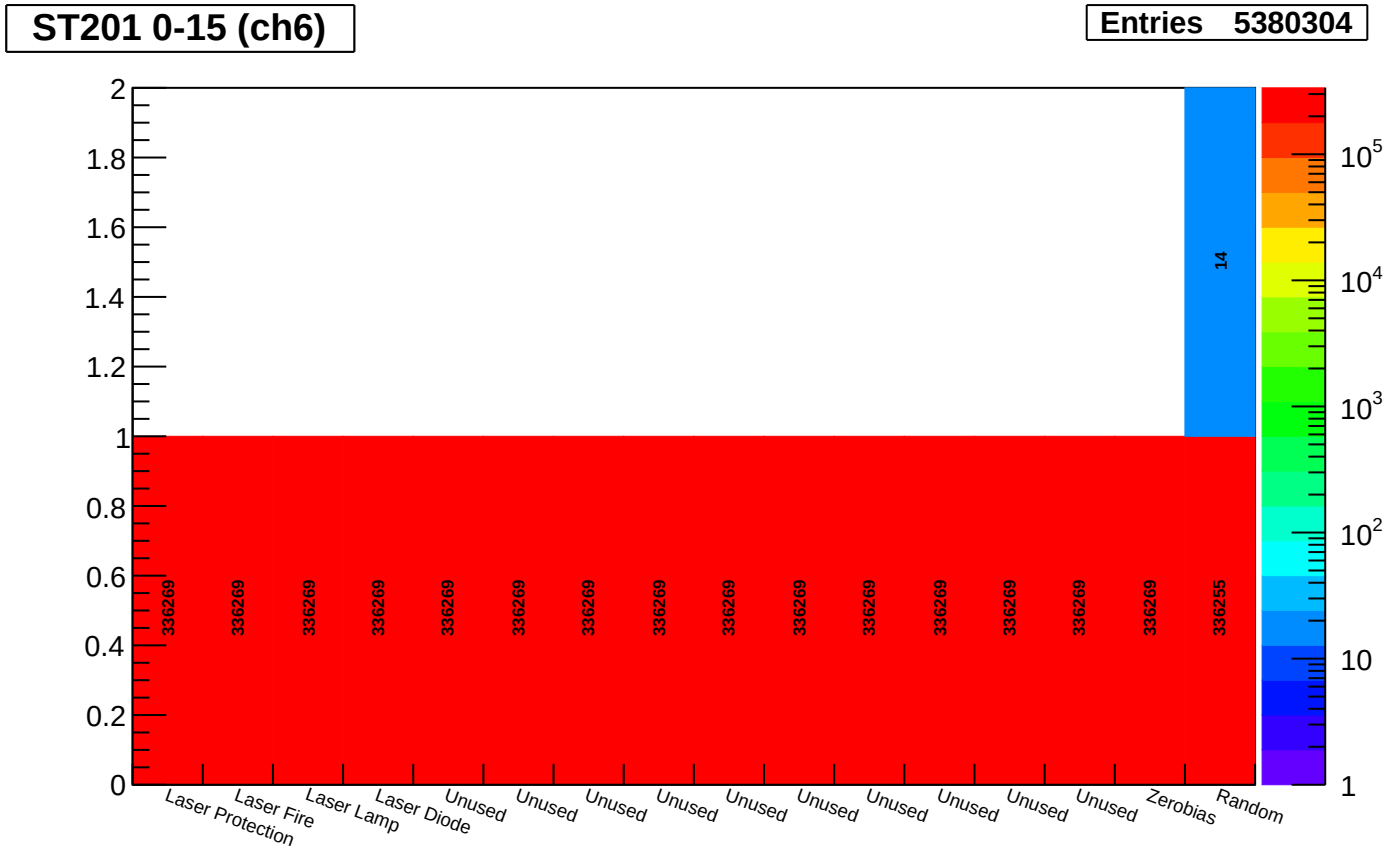

Entries 336269
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

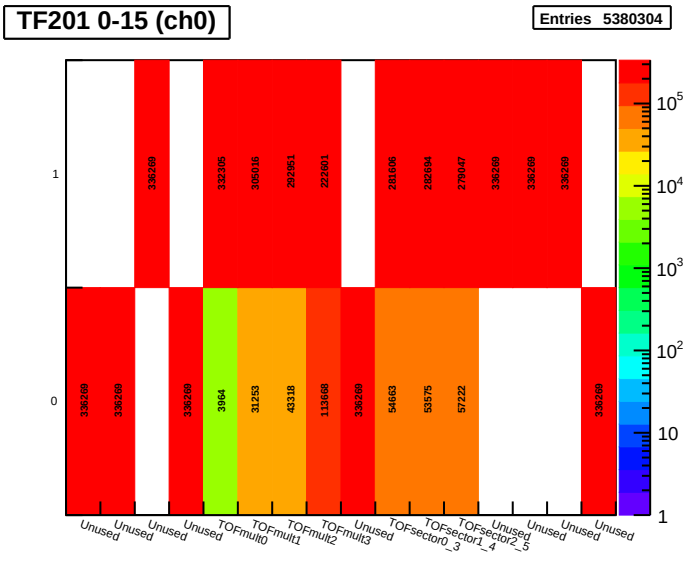

Entries 336269
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

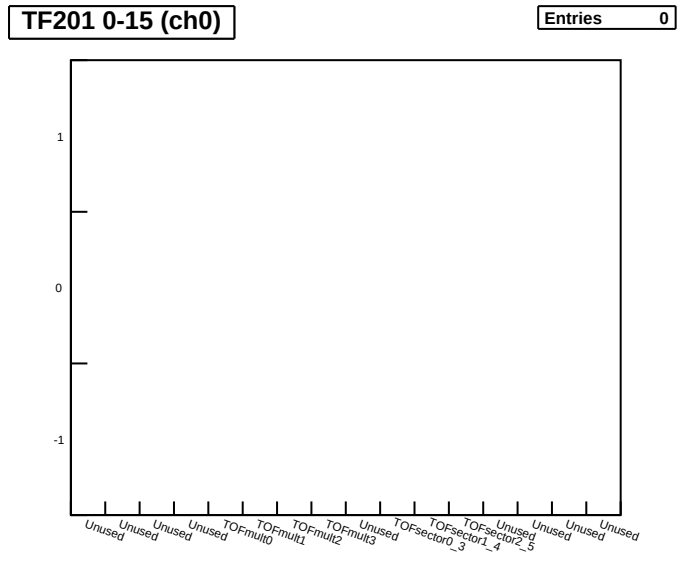

Entries 336269
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

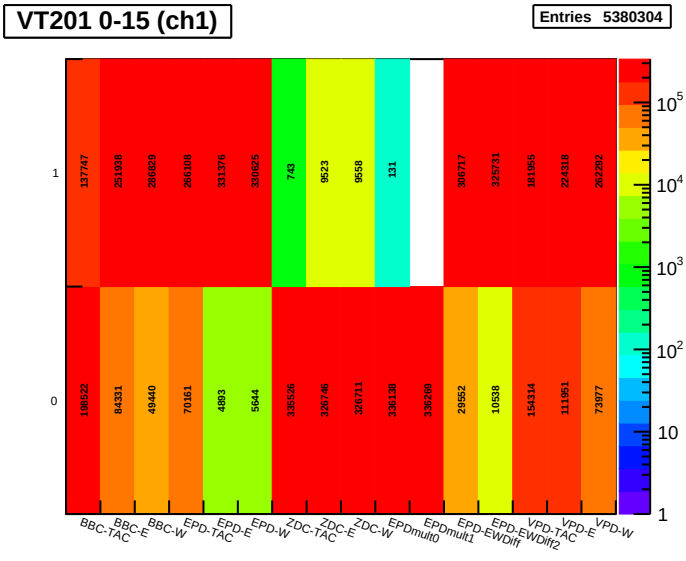

Entries 336269
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

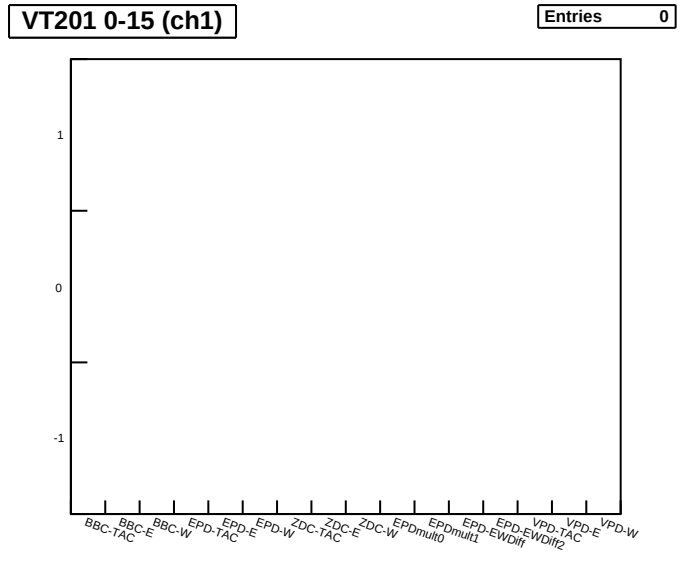

Laser Input Bits
Entries 336269
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

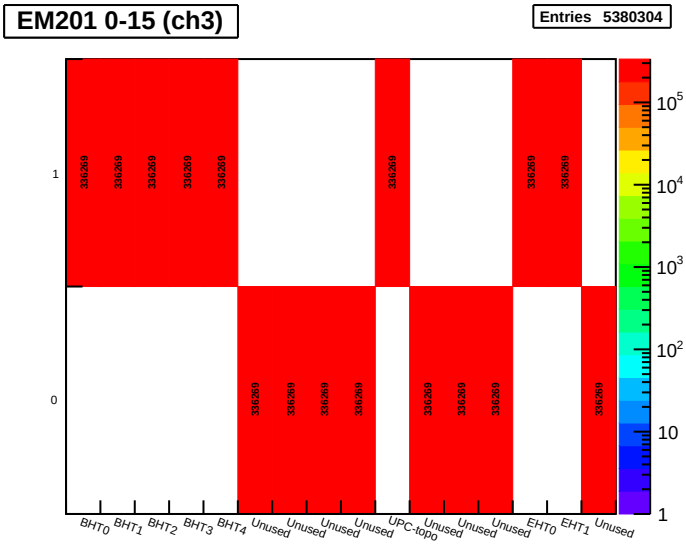

ST201 0-15 (ch6)
Entries 5380304
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
336269
336255
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

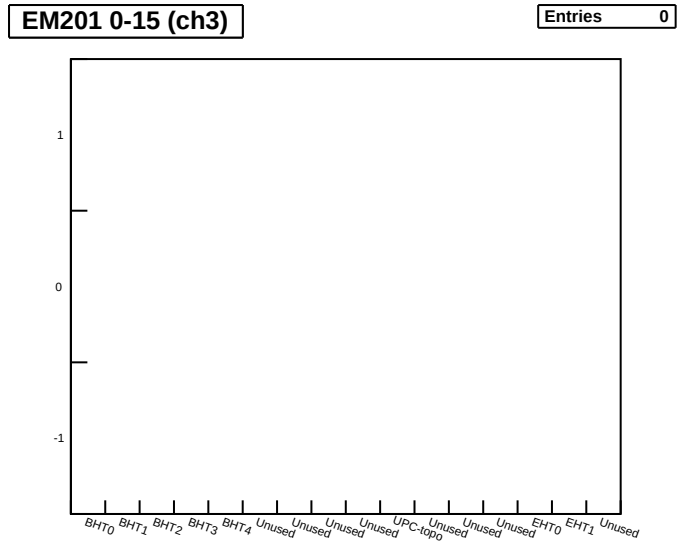

TF201 0-15 (ch0)
Entries 5380304
1
0
336269
322305
305016
292651
222601
231606
292694
279047
336269
336269
336269
336269
336269
336269
3964
31253
43318
113668
336269
54663
53575
57222
336269
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 5380304
1
0
137747
251938
286829
266108
331376
330625
743
9523
9558
131
306717
325731
181955
224318
262292
198522
84331
49440
70161
4893
5644
335526
328746
326711
336138
336269
29552
10538
154314
111951
73977
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 5380304
1
0
336269
336269
336269
336269
336269
336269
336269
336269
336269
336269
336269
336269
336269
336269
336269
336269
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