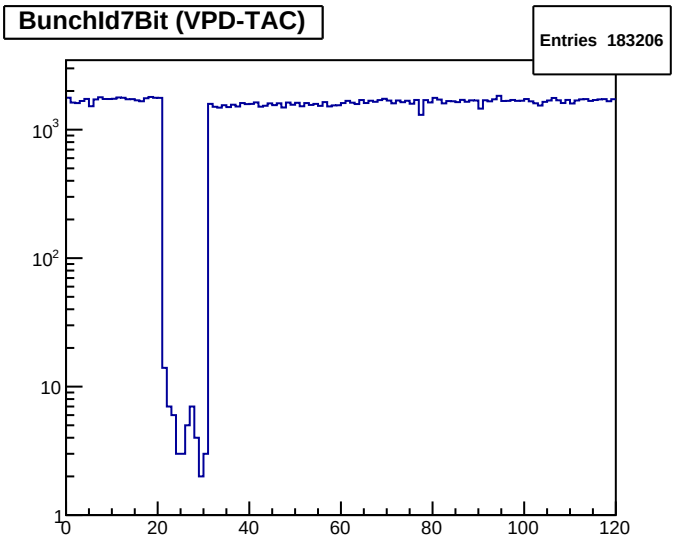
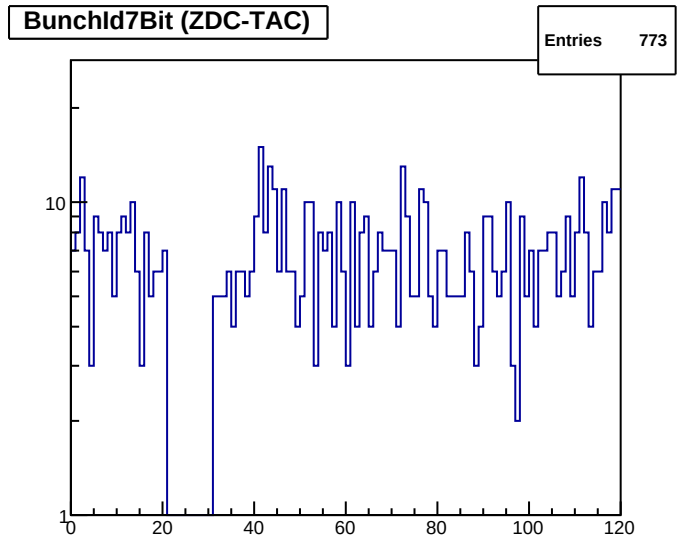
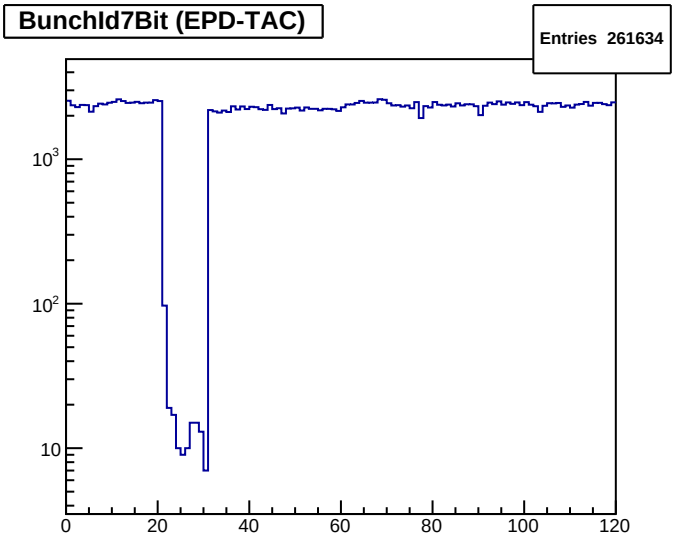
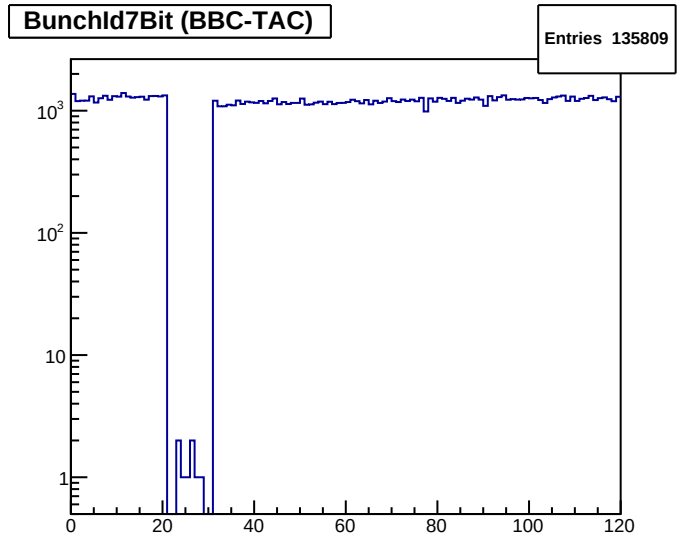
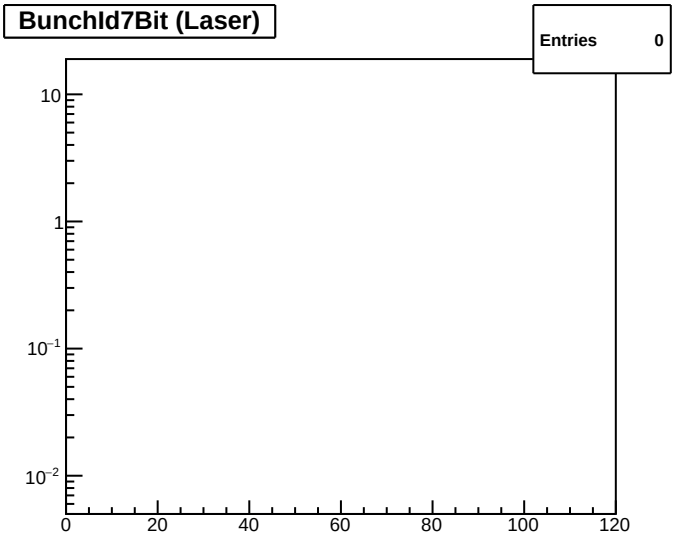
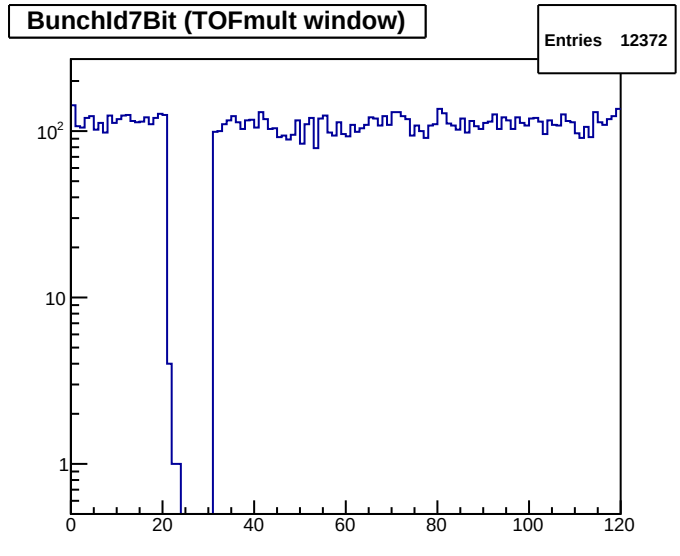

BunchId7Bit (VPD-TAC)
Entries 183206

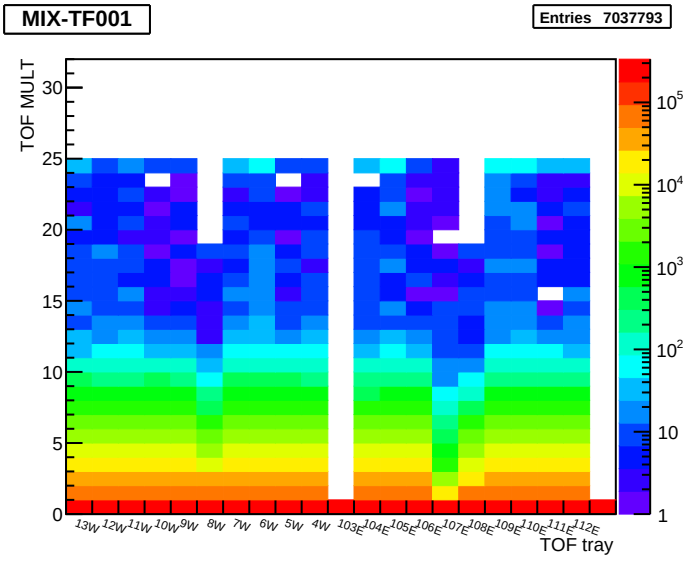

BunchId7Bit (ZDC-TAC)
Entries 773

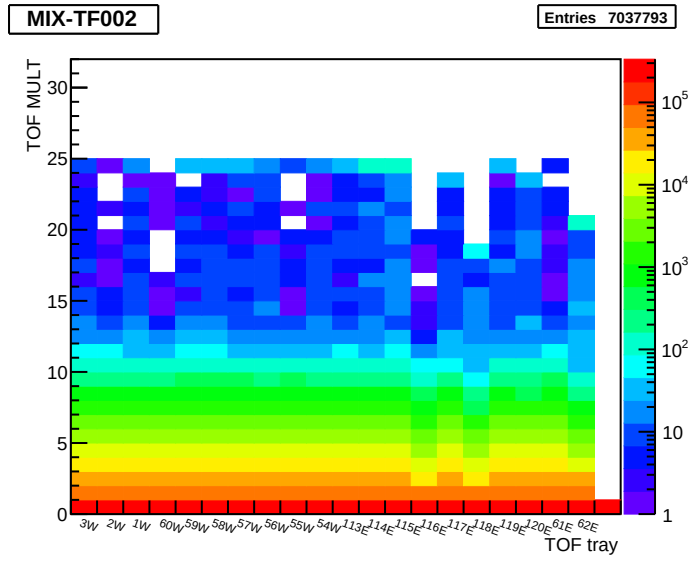

BunchId7Bit (EPD-TAC)
Entries 261634

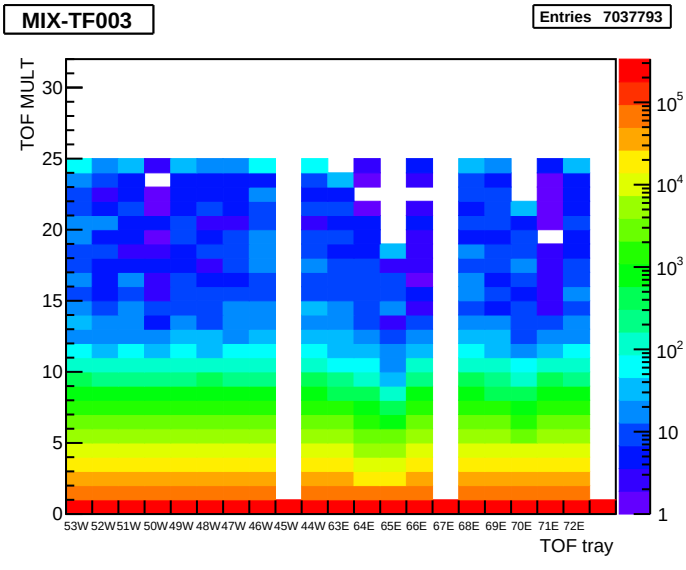

BunchId7Bit (BBC-TAC)
Entries 135809

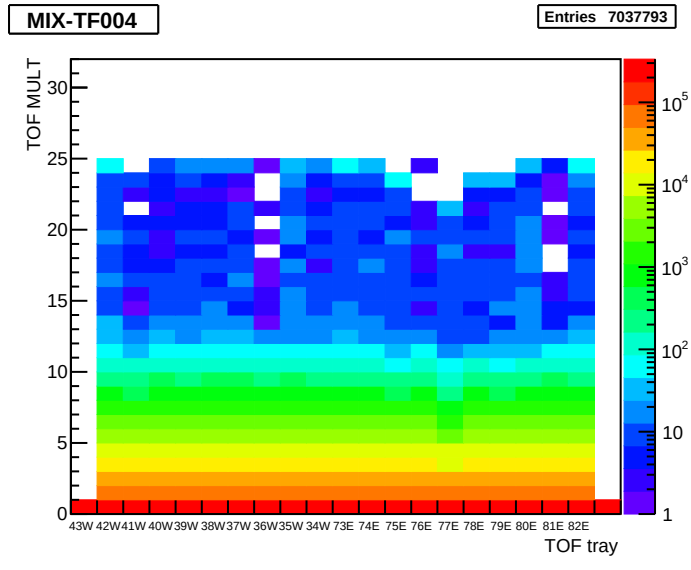

BunchId7Bit (Laser)
Entries 0

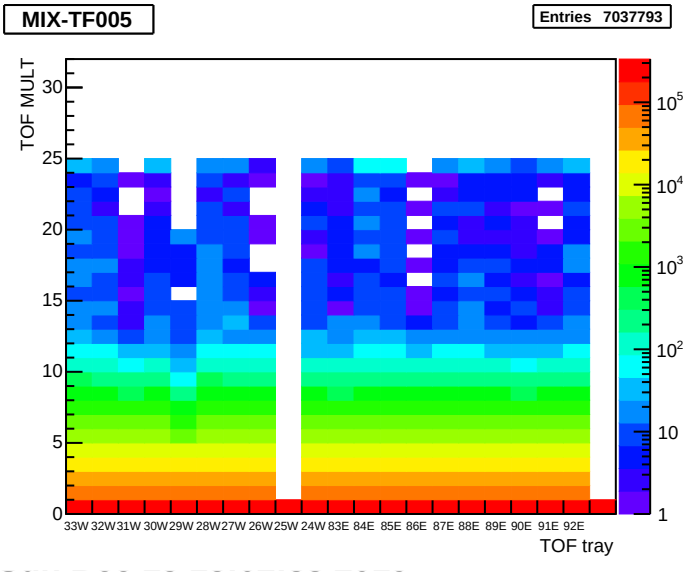

BunchId7Bit (TOFmult window)
Entries 12372

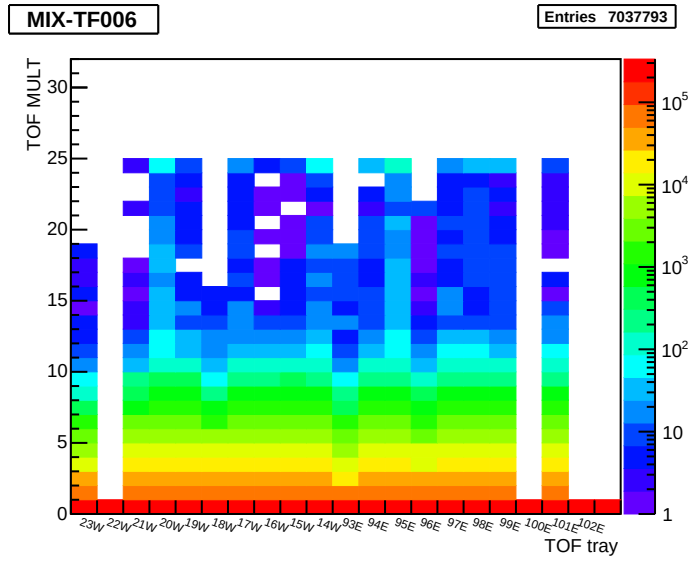

MIX-TF001
Entries 7037793
TOF MULT
TOF tray

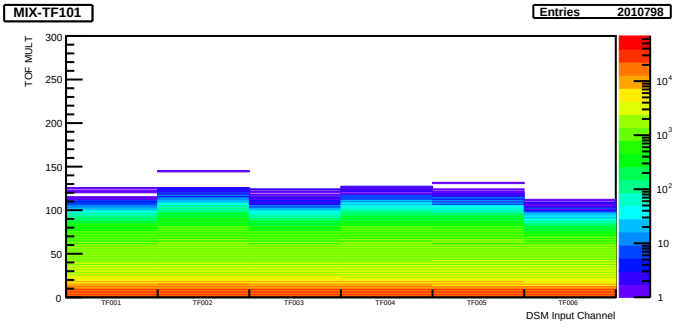

MIX-TF002
Entries 7037793
TOF MULT
TOF tray

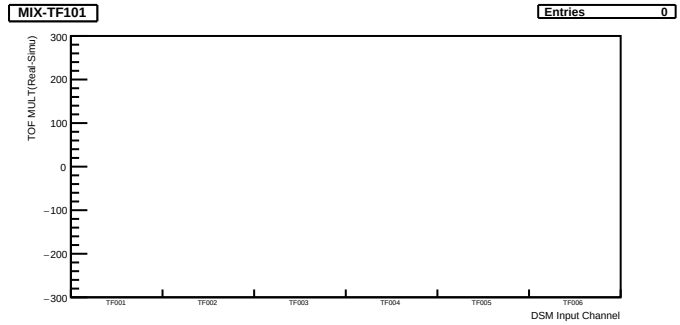

MIX-TF003
Entries 7037793
TOF MULT
TOF tray

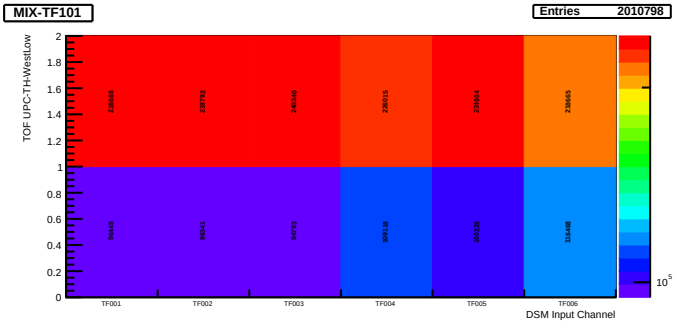

MIX-TF004
Entries 7037793
TOF MULT
TOF tray

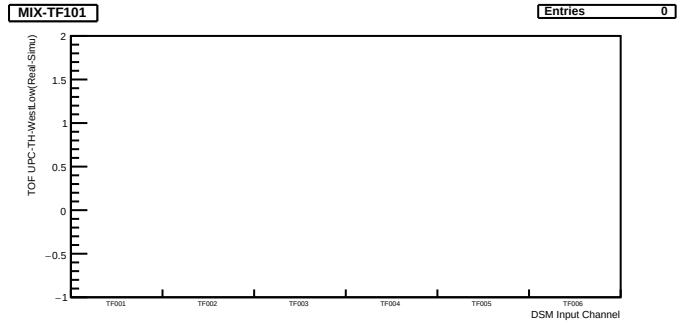

MIX-TF005
Entries 7037793
TOF MULT
TOF tray

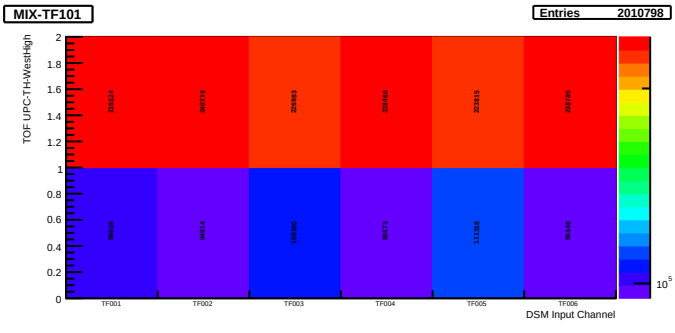

MIX-TF006
Entries 7037793
TOF MULT
TOF tray

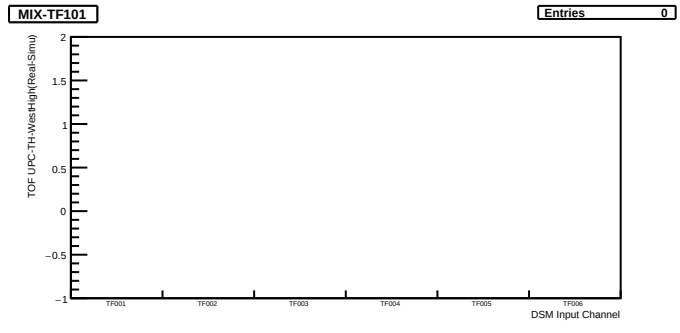

MIX-TF101
Entries 2010798
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

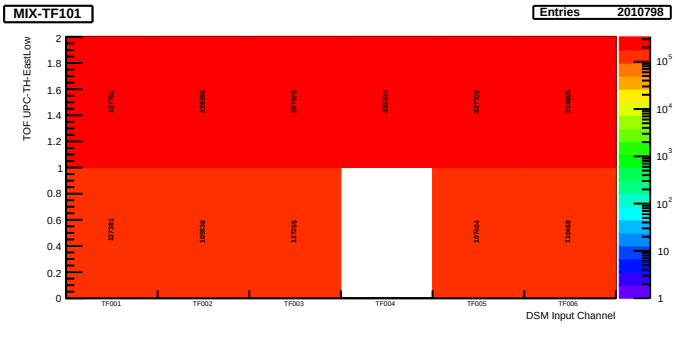

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

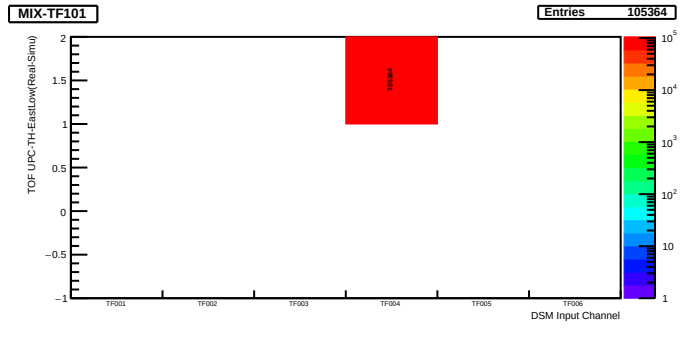

MIX-TF101
Entries 2010798
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

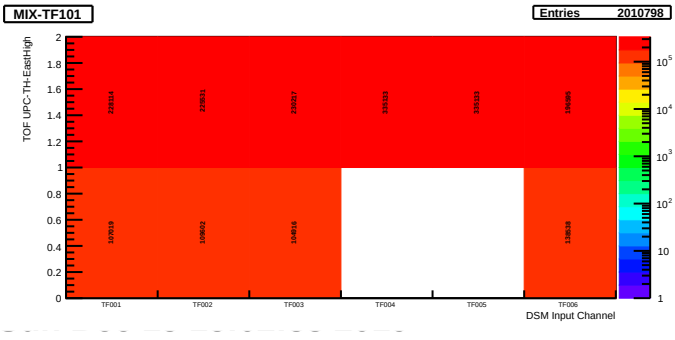

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

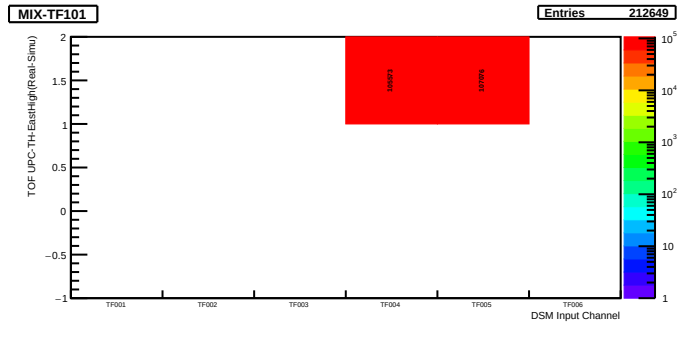

MIX-TF101
Entries 2010798
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

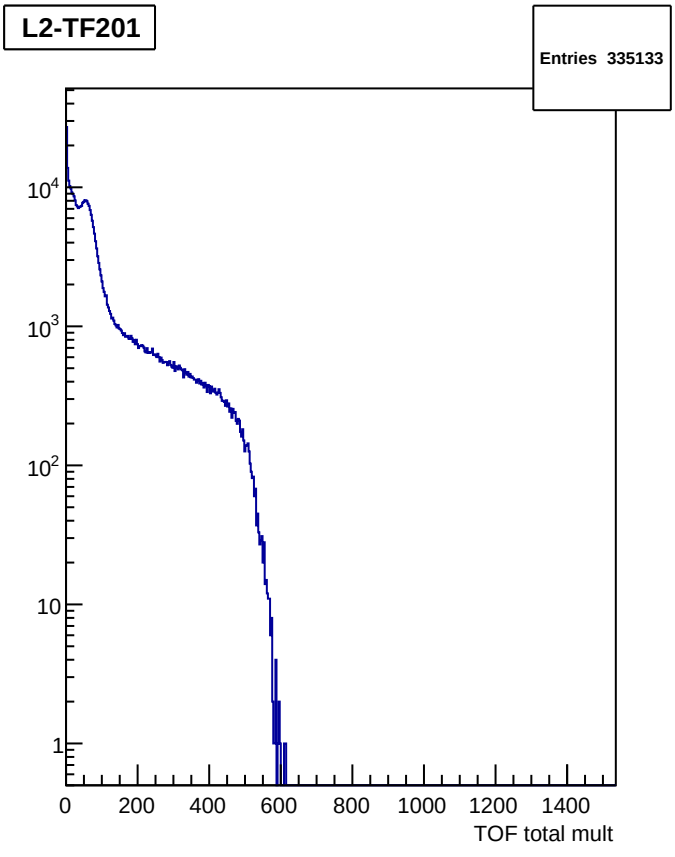

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

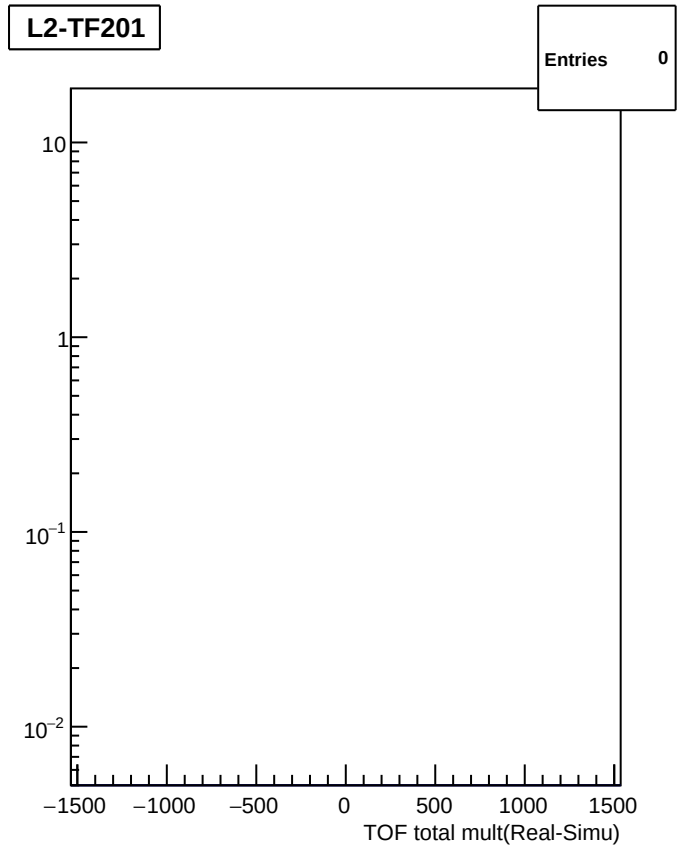

MIX-TF101
Entries 2010798
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

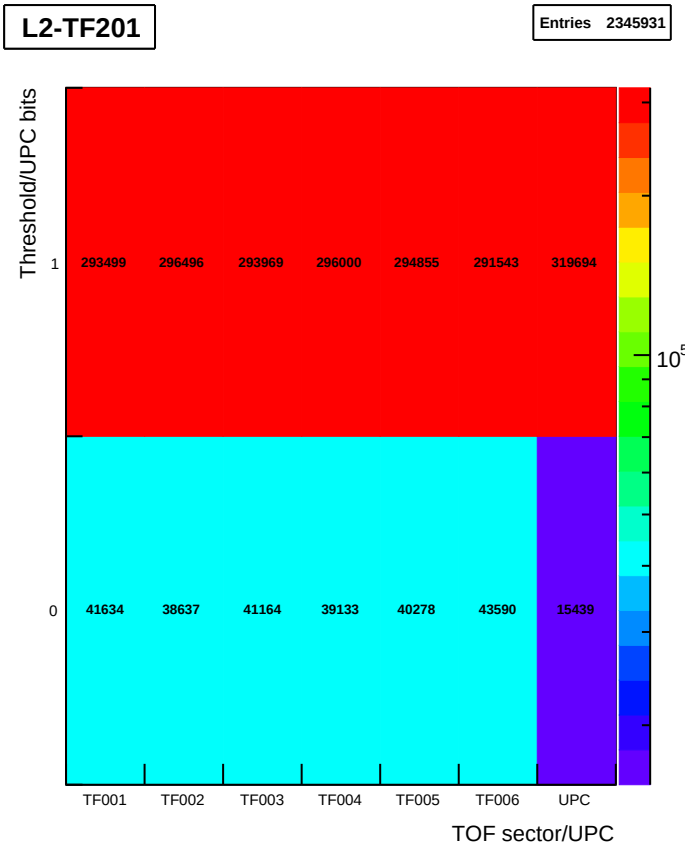

MIX-TF101
Entries 105364
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

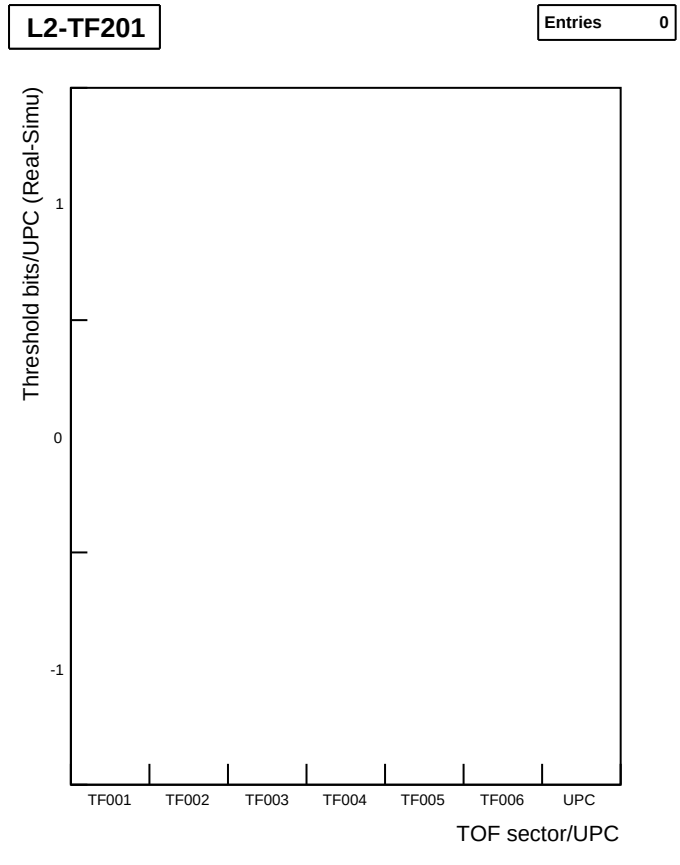

MIX-TF101
Entries 2010798
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

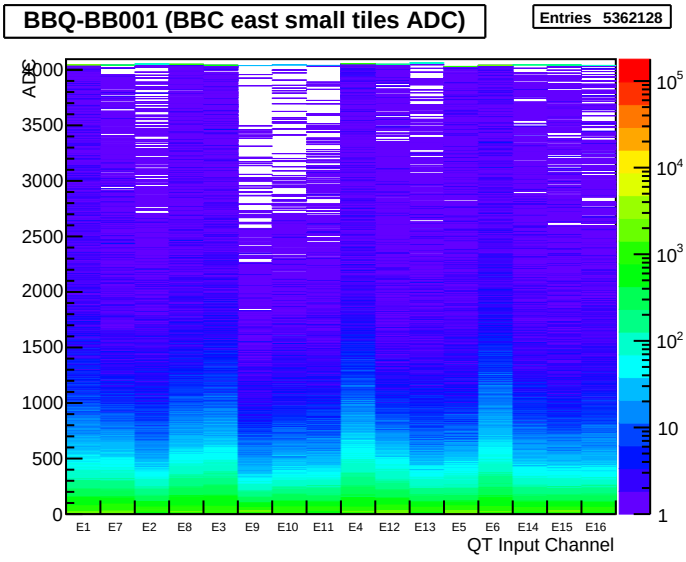

MIX-TF101
Entries 212649
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

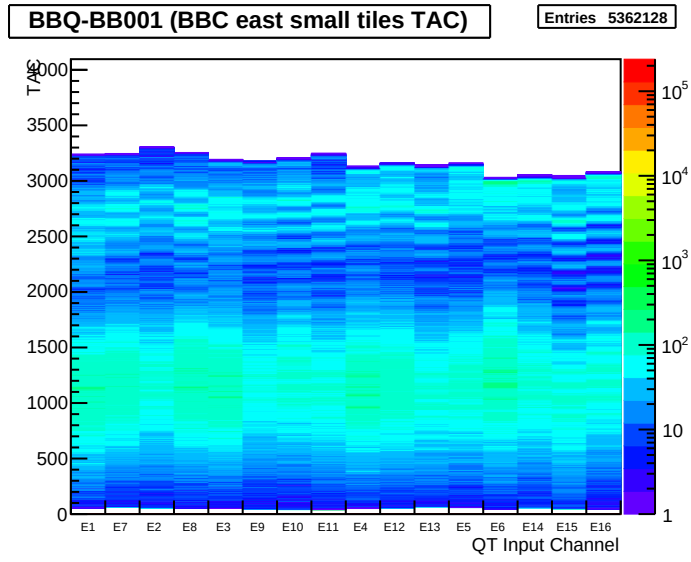

L2-TF201
Entries 335133
TOF total mult

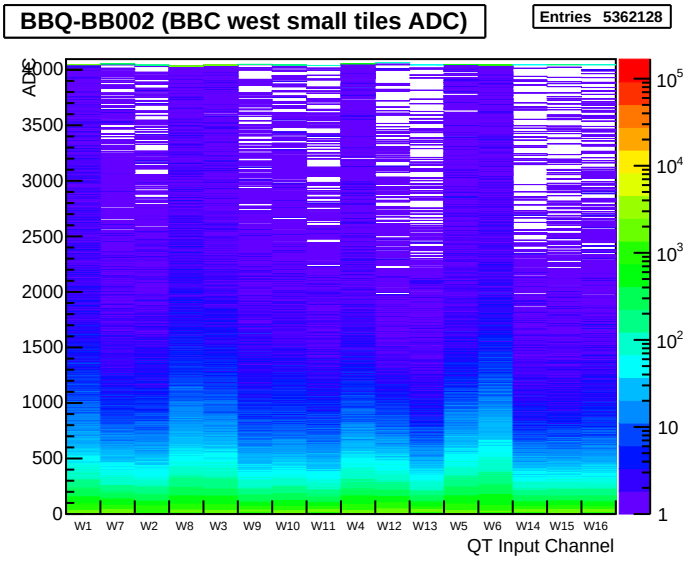

L2-TF201
Entries 0
TOF total mult(Real-Simu)

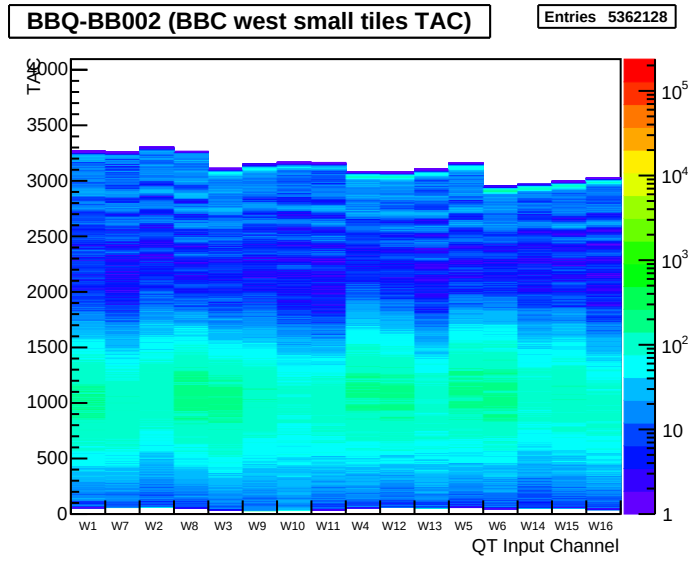

L2-TF201
Entries 2345931
Threshold/UPC bits
293499 296496 293969 296000 294855 291543 319694
41634 38637 41164 39133 40278 43590 15439
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

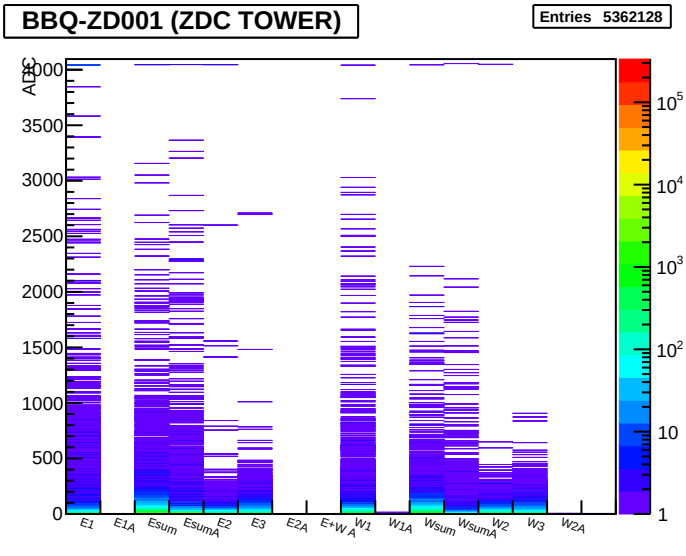

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

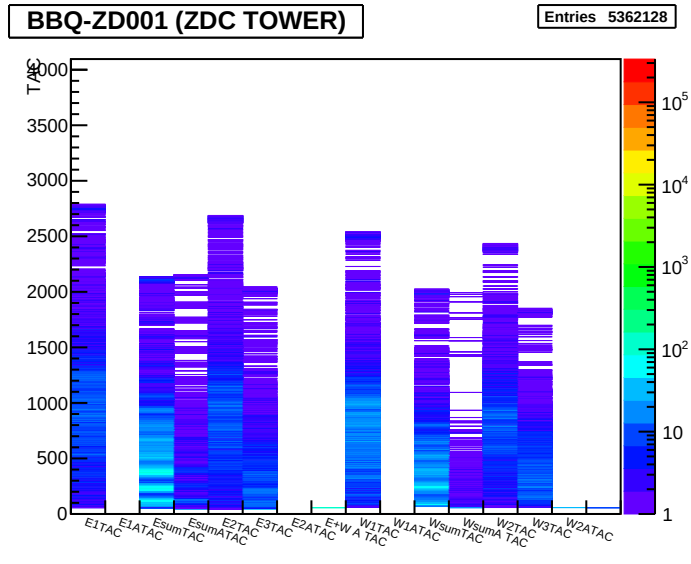

BBQ-BB001 (BBC east small tiles ADC)
Entries 5362128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

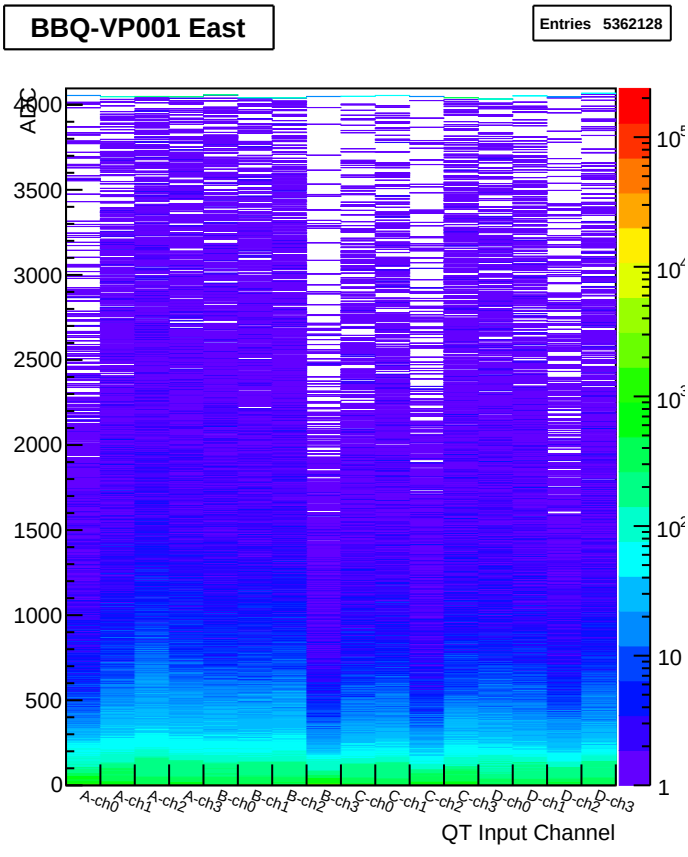

BBQ-BB001 (BBC east small tiles TAC)
Entries 5362128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

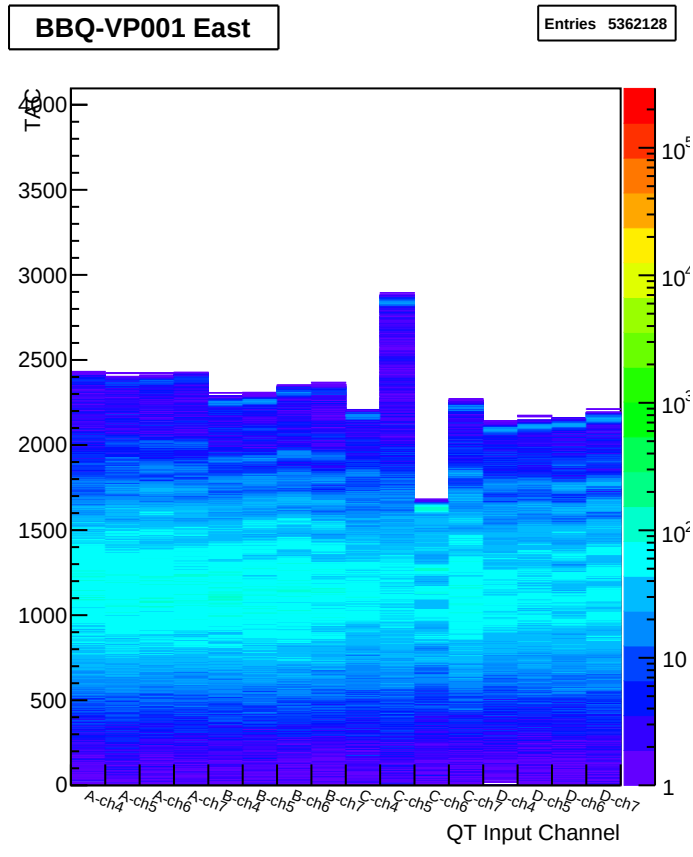

BBQ-BB002 (BBC west small tiles ADC)
Entries 5362128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

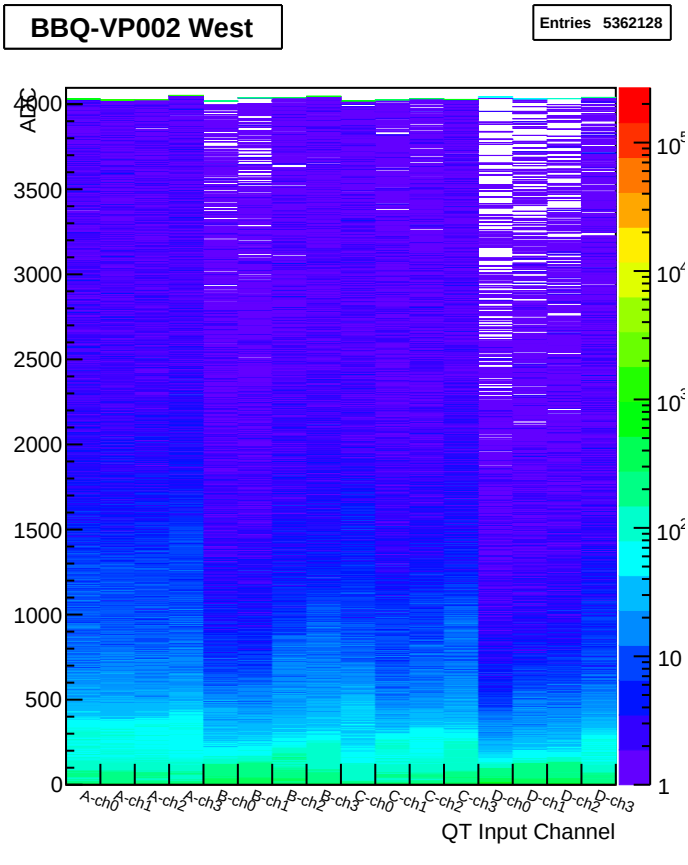

BBQ-BB002 (BBC west small tiles TAC)
Entries 5362128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

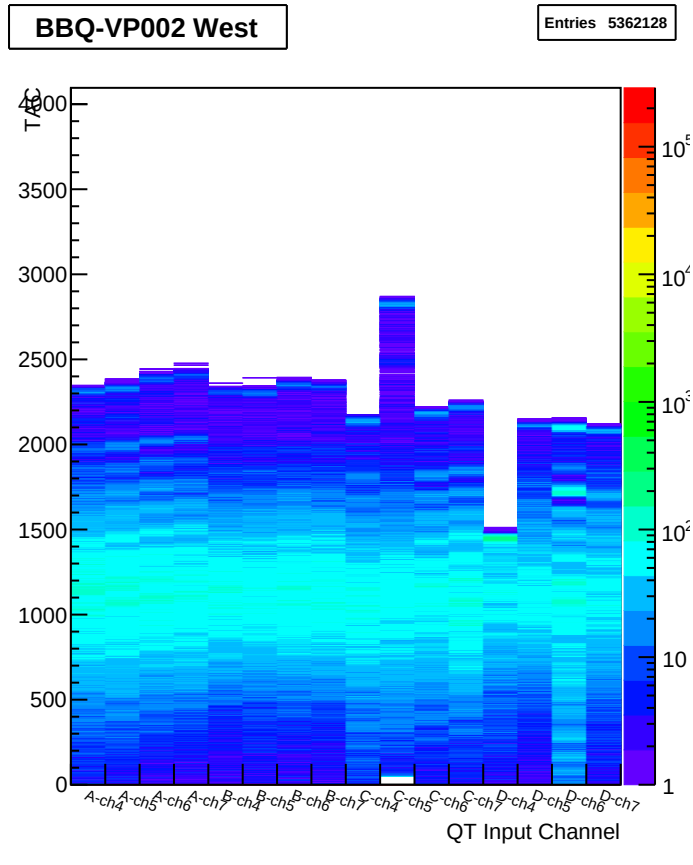

BBQ-ZD001 (ZDC TOWER)
Entries 5362128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

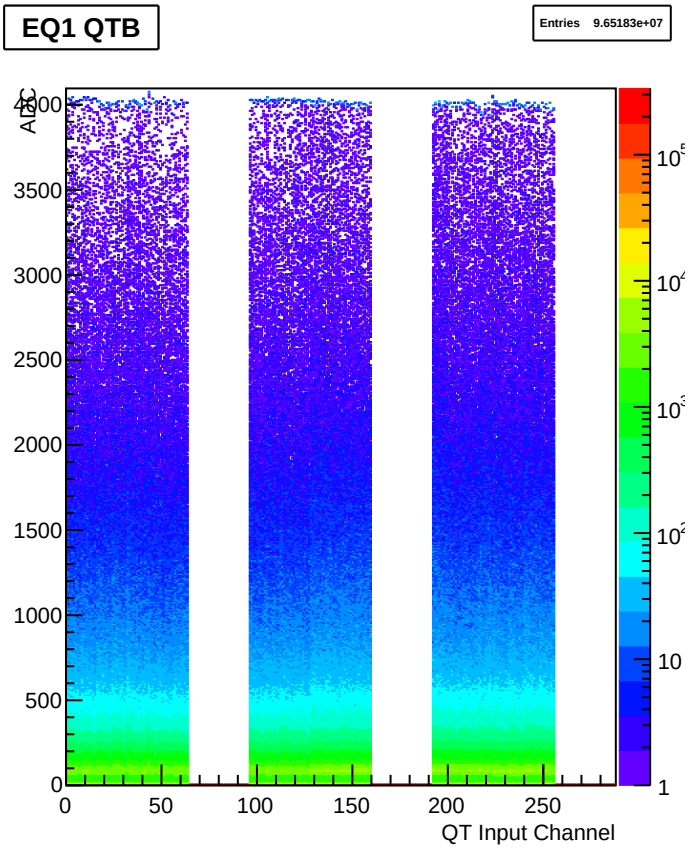

BBQ-ZD001 (ZDC TOWER)
Entries 5362128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

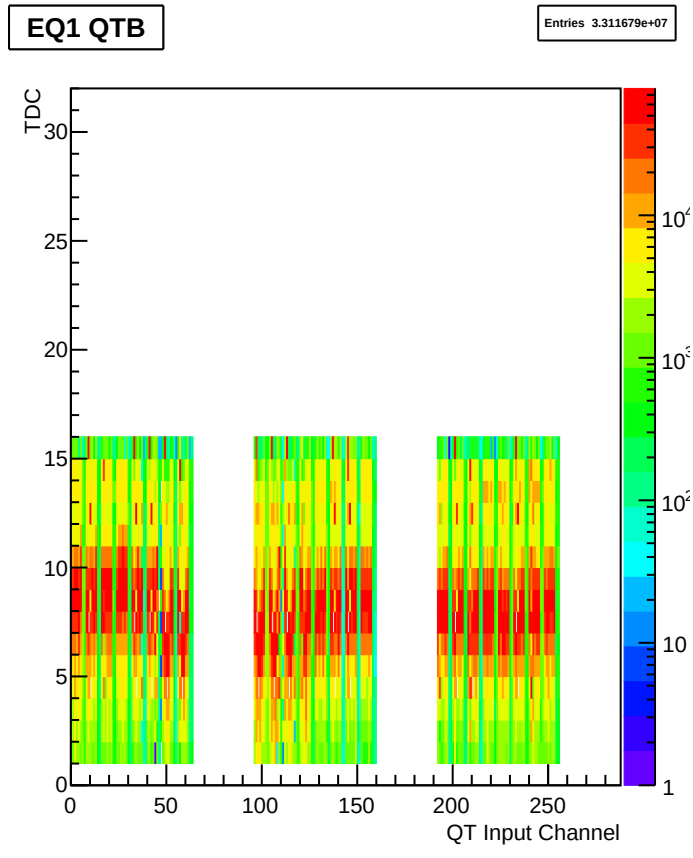

BBQ-VP001 East
Entries 5362128
ADC
QT Input Channel

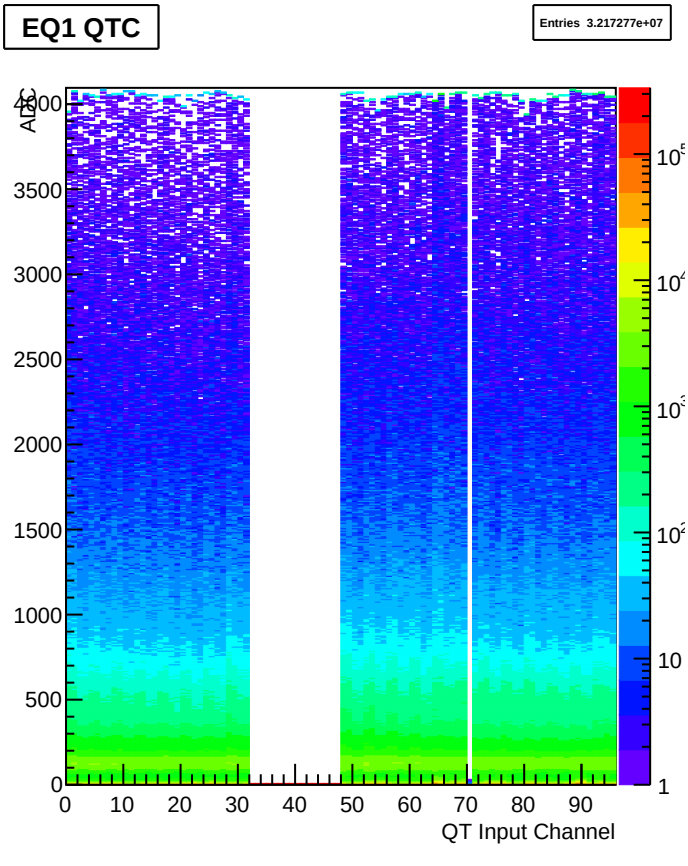

BBQ-VP001 East
Entries 5362128
TADC
QT Input Channel

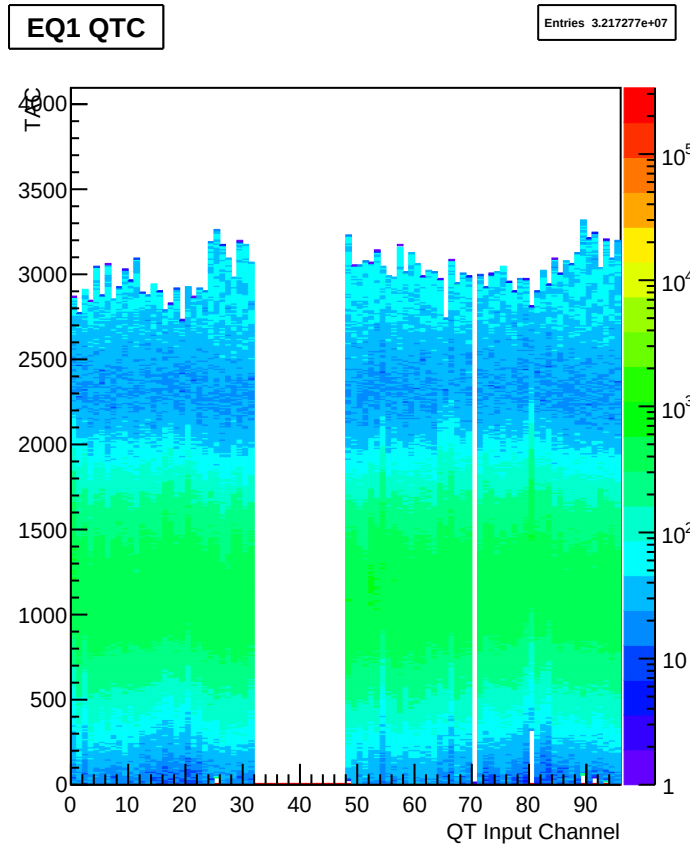

BBQ-VP002 West
Entries 5362128
ADC
QT Input Channel

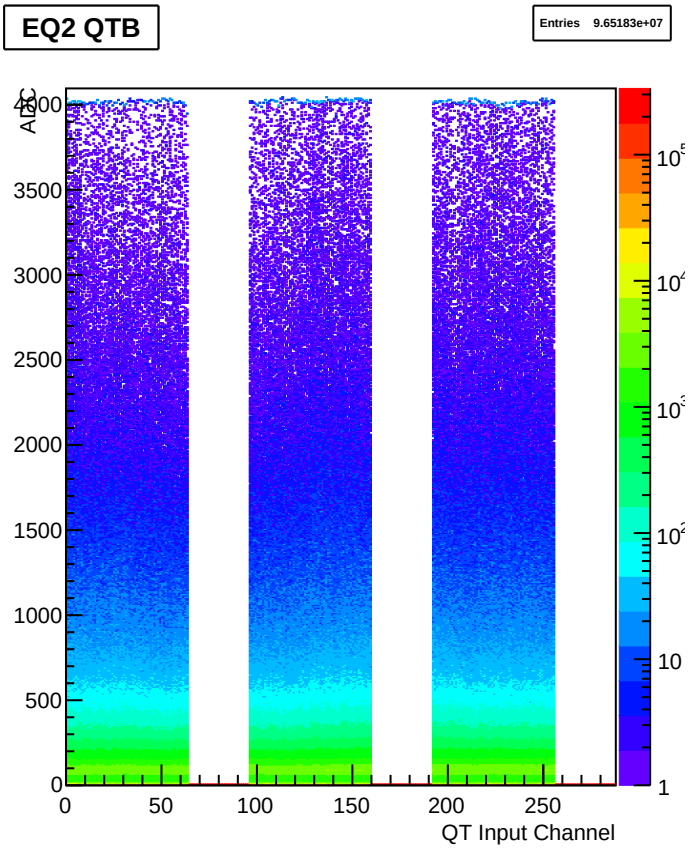

BBQ-VP002 West
Entries 5362128
TADC
QT Input Channel

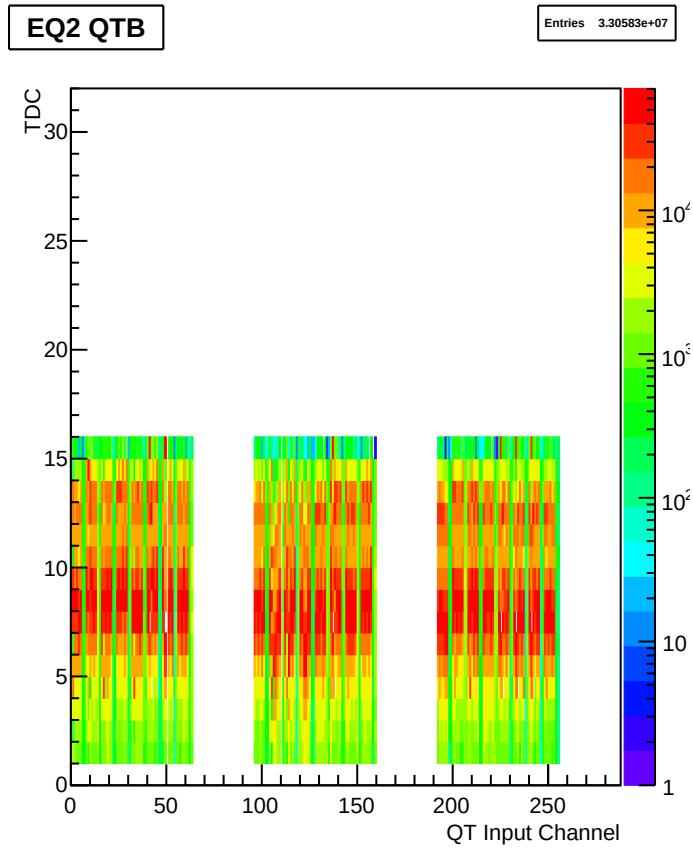

EQ1 QTB
Entries 9.65183e+07
ADC
QT Input Channel

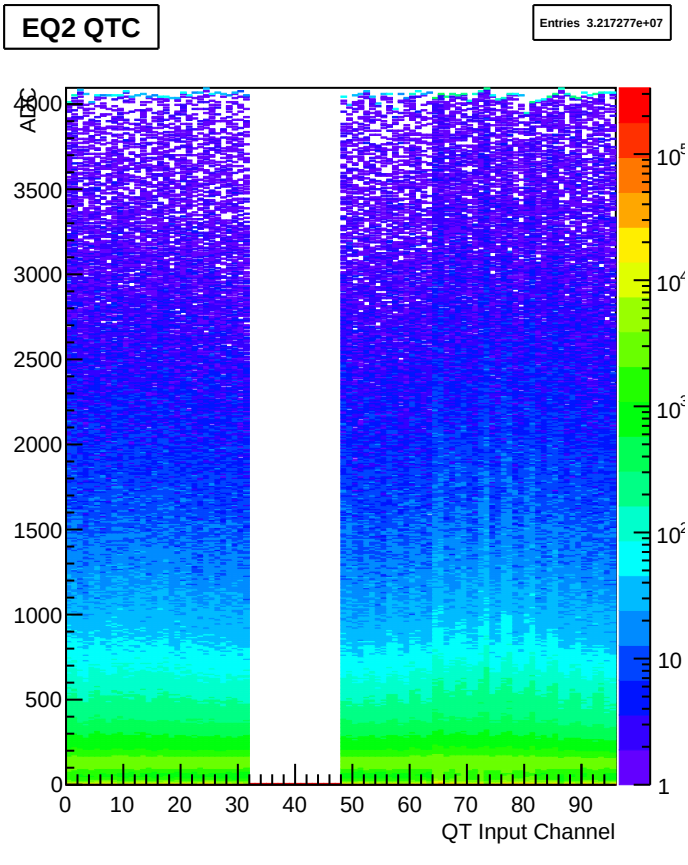

EQ1 QTB
Entries 3.311679e+07
TDC
QT Input Channel

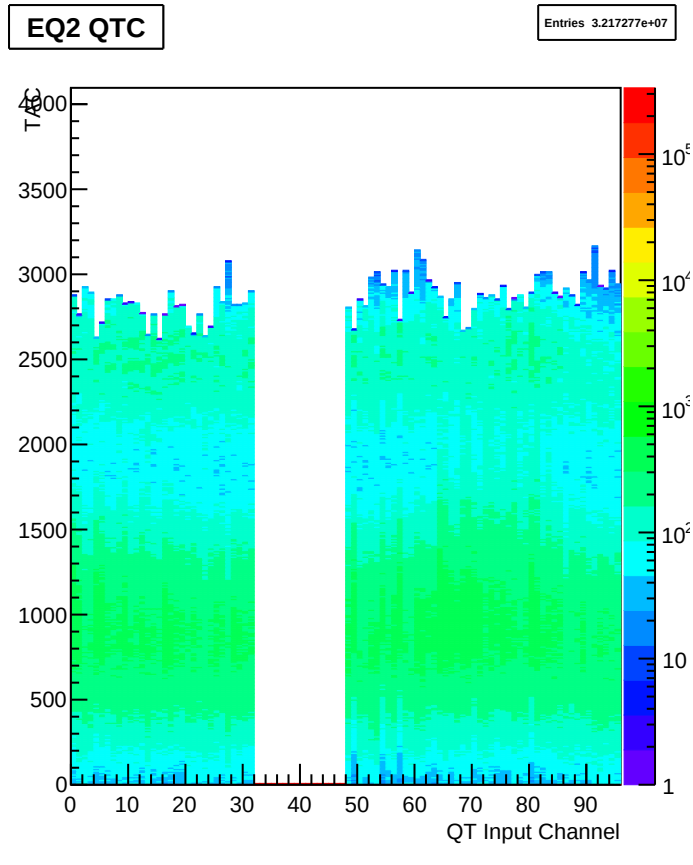

EQ1 QTC
Entries 3.217277e+07
ADC
QT Input Channel

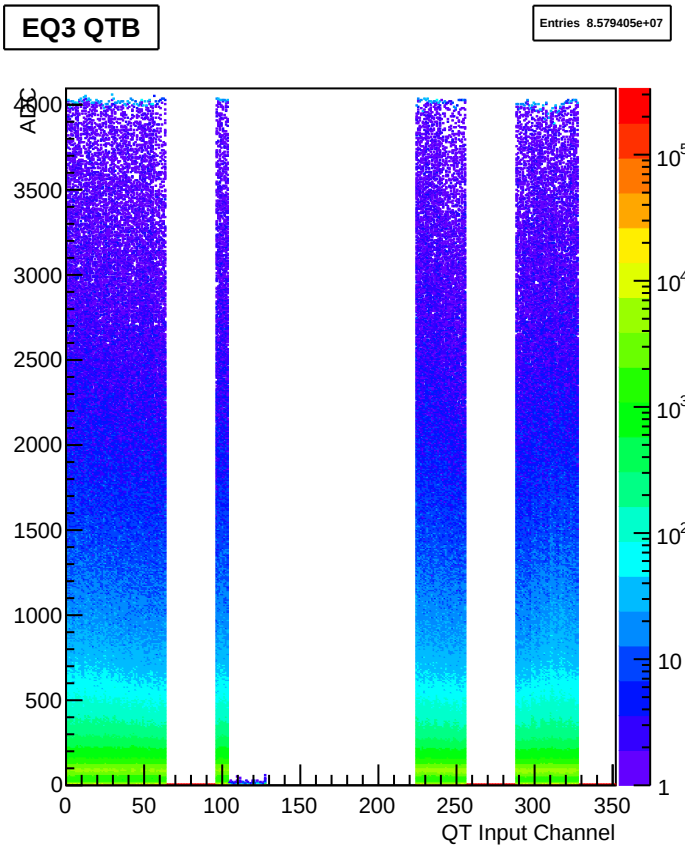

EQ1 QTC
Entries 3.217277e+07
TADC
QT Input Channel

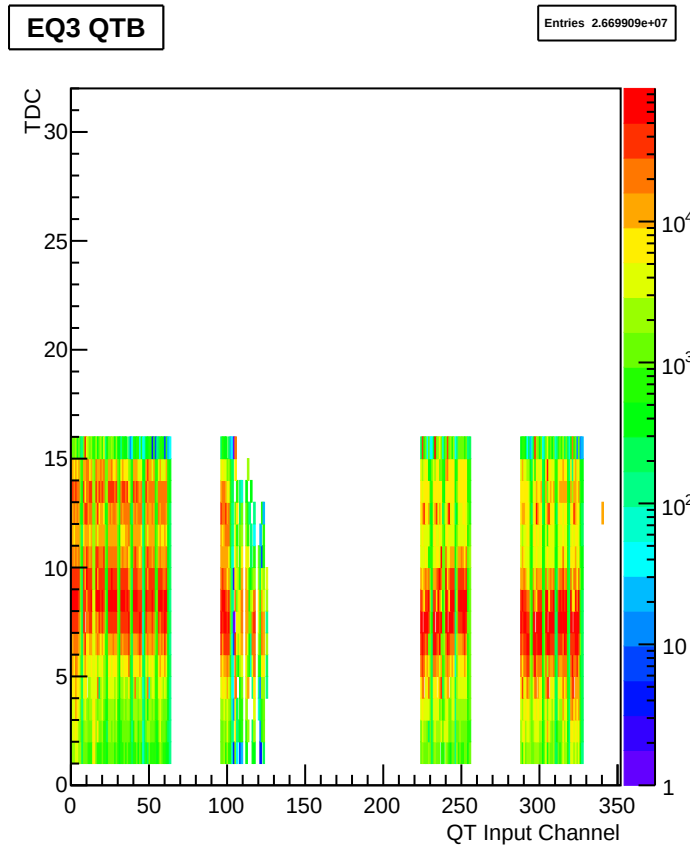

EQ2 QTB
Entries 9.65183e+07
ADC
QT Input Channel

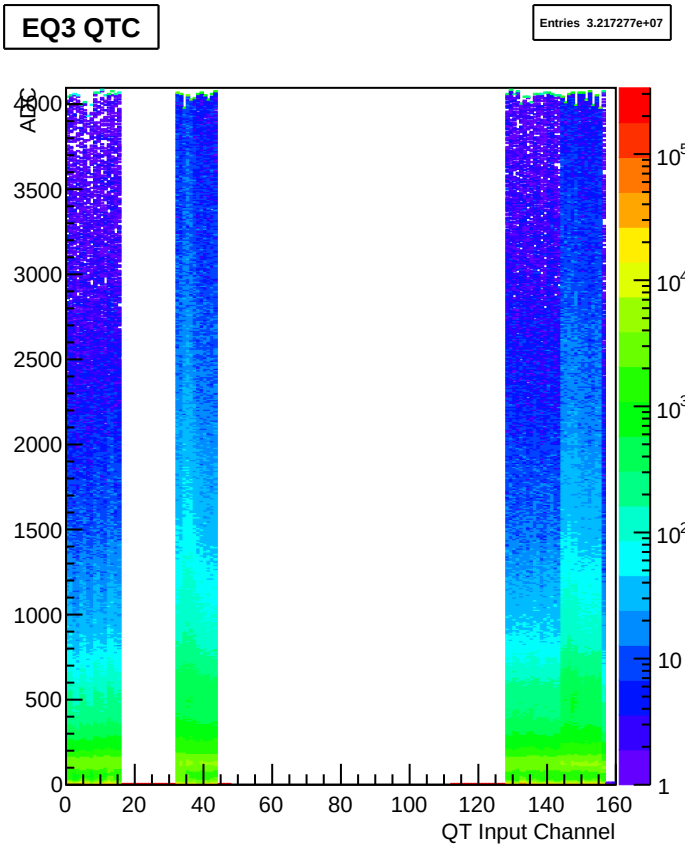

EQ2 QTB
Entries 3.30583e+07
TDC
QT Input Channel

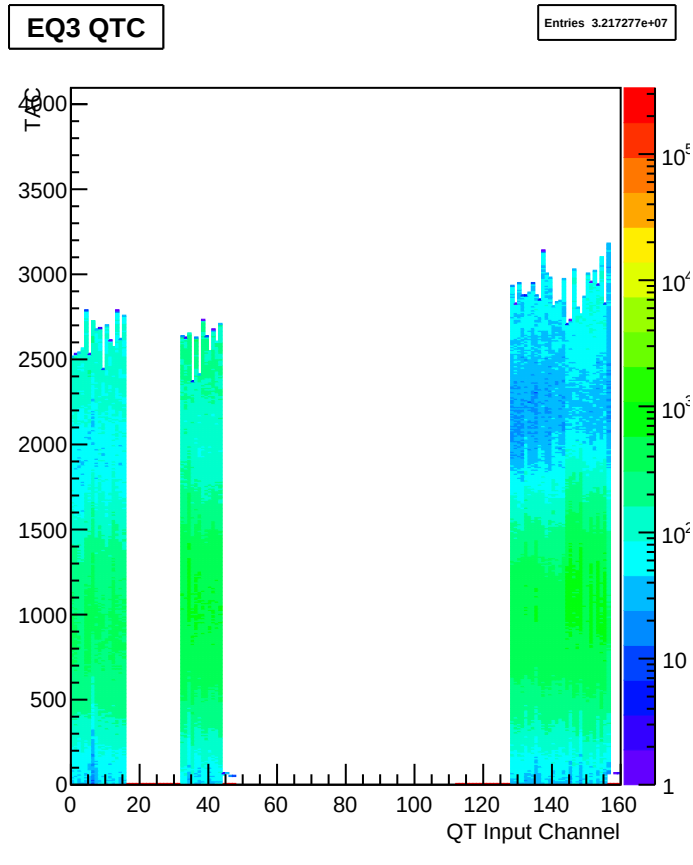

EQ2 QTC
Entries 3.217277e+07
ADC
QT Input Channel

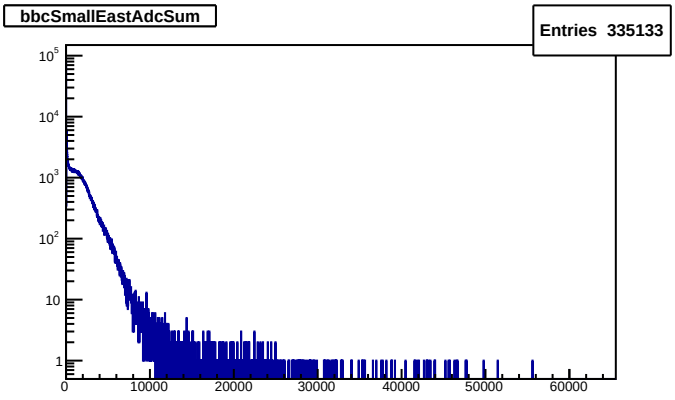

EQ2 QTC
Entries 3.217277e+07
TADC
QT Input Channel

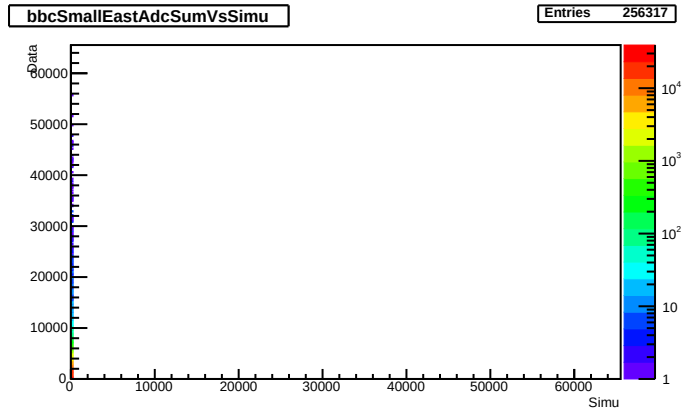

EQ3 QTB
Entries 8.579405e+07
ADC
QT Input Channel

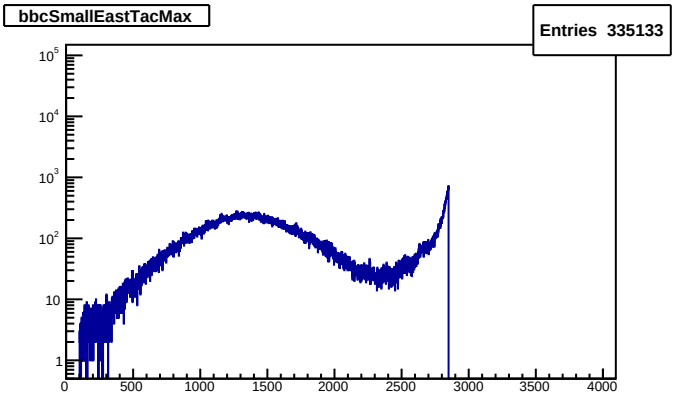

EQ3 QTB
Entries 2.669909e+07
TDC
QT Input Channel

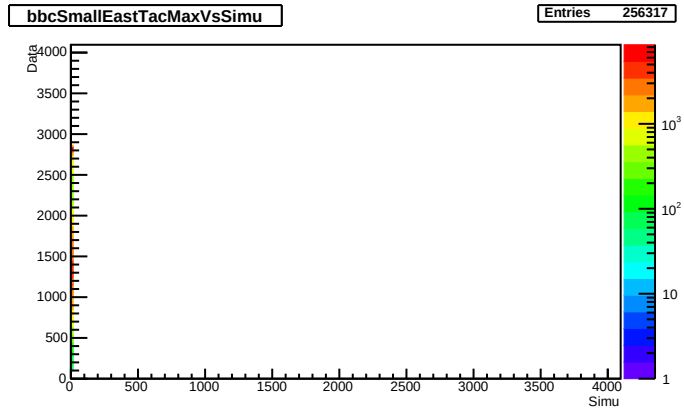

EQ3 QTC
Entries 3.217277e+07
ADC
QT Input Channel

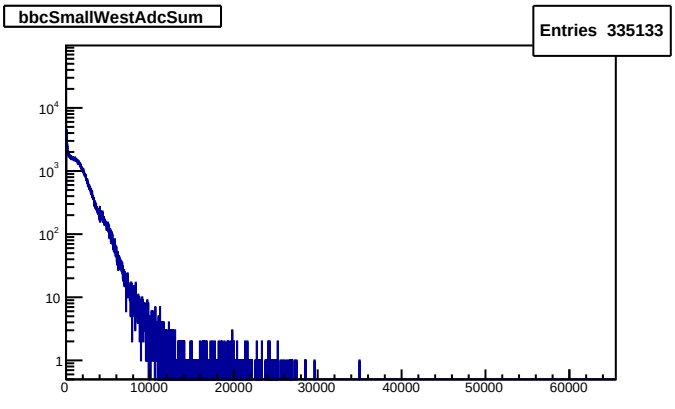

EQ3 QTC
Entries 3.217277e+07
TADC
QT Input Channel

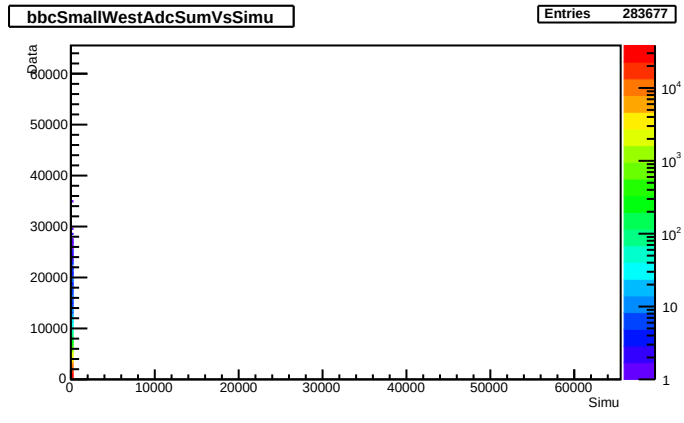

bbcSmallEastAdcSum
Entries 335133

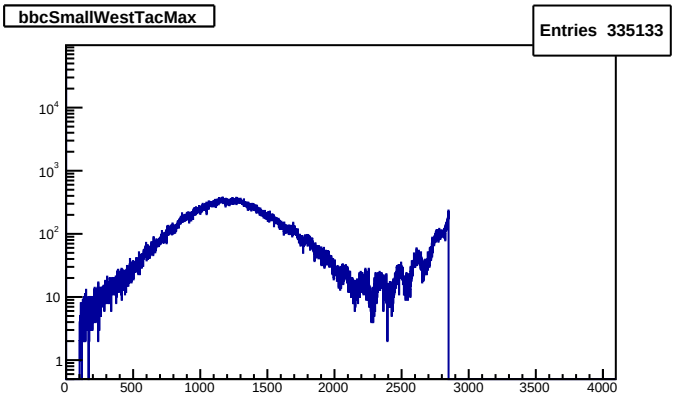

bbcSmallEastAdcSumVsSimu
Entries 256317
Data
Simu

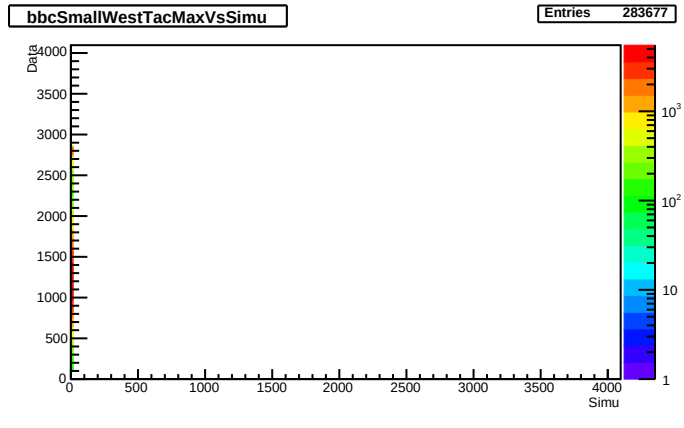

bbcSmallEastTacMax
Entries 335133

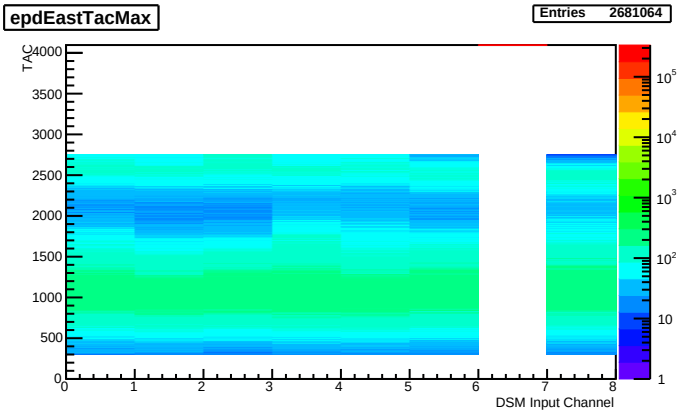

bbcSmallEastTacMaxVsSimu
Entries 256317
Data
Simu

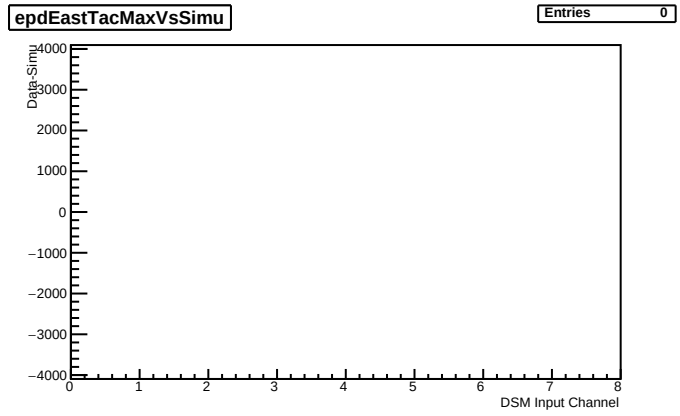

bbcSmallWestAdcSum
Entries 335133

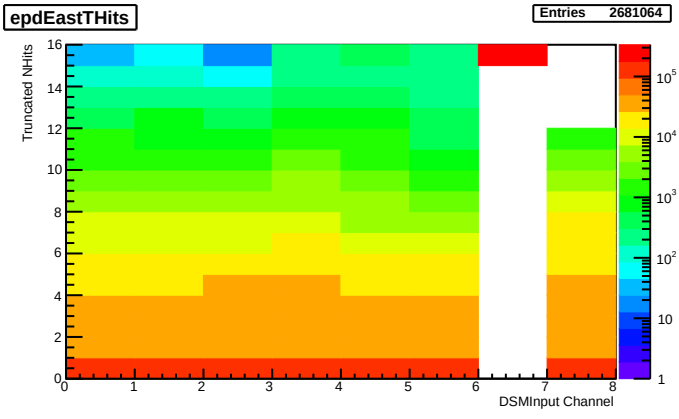

bbcSmallWestAdcSumVsSimu
Entries 283677
Data
Simu

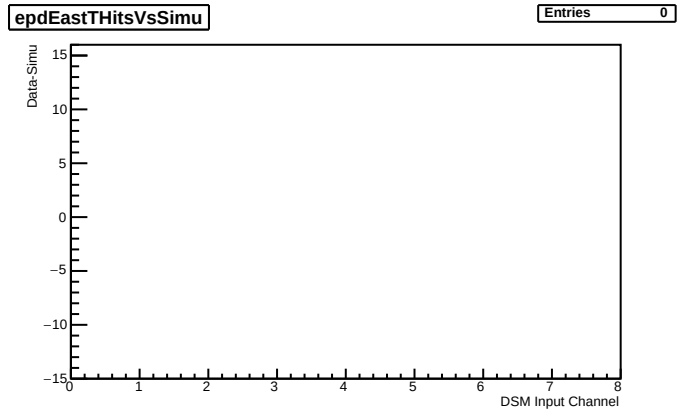

bbcSmallWestTacMax
Entries 335133

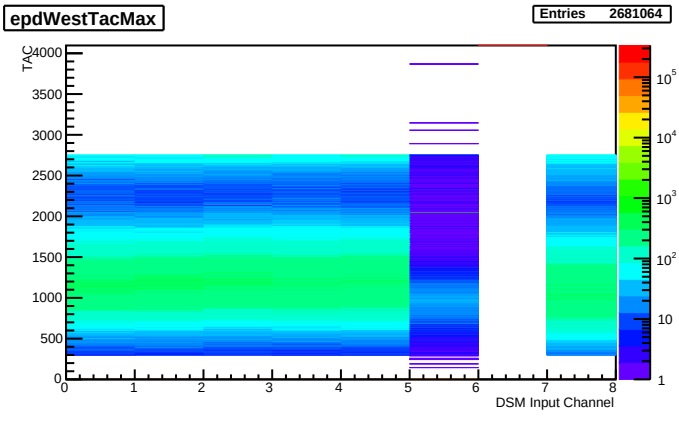

bbcSmallWestTacMaxVsSimu
Entries 283677
Data
Simu

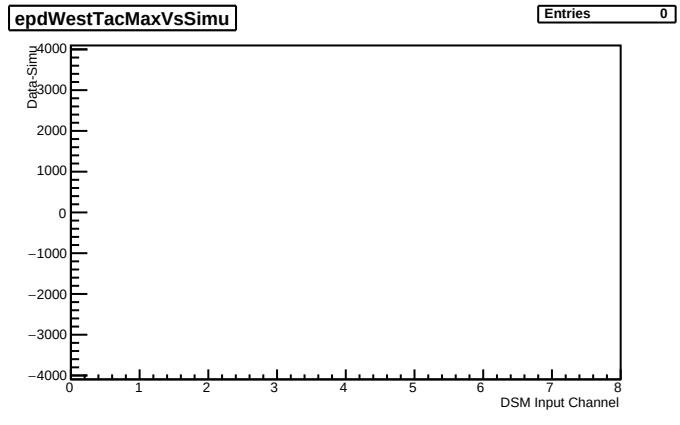

epdEastTacMax
Entries 2681064
TAC
DSM Input Channel

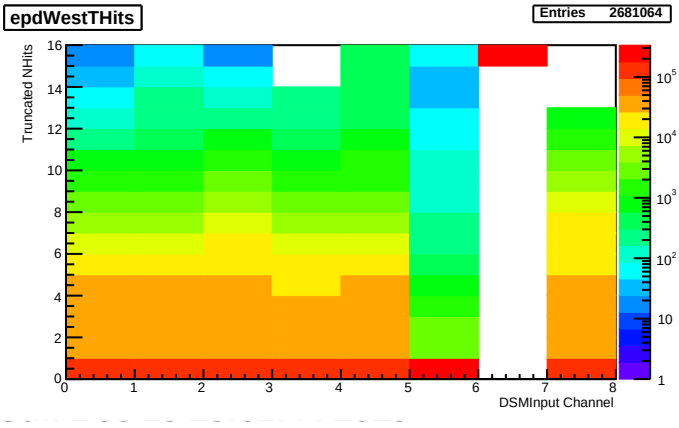

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

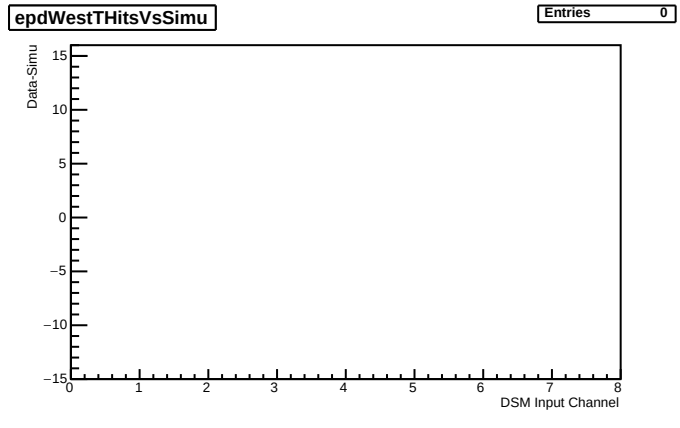

epdEastTHits
Entries 2681064
Truncated NHits
DSMInput Channel

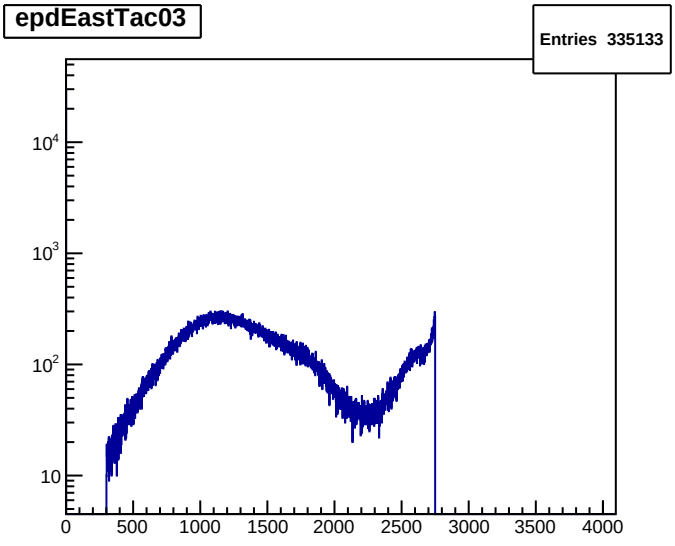

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

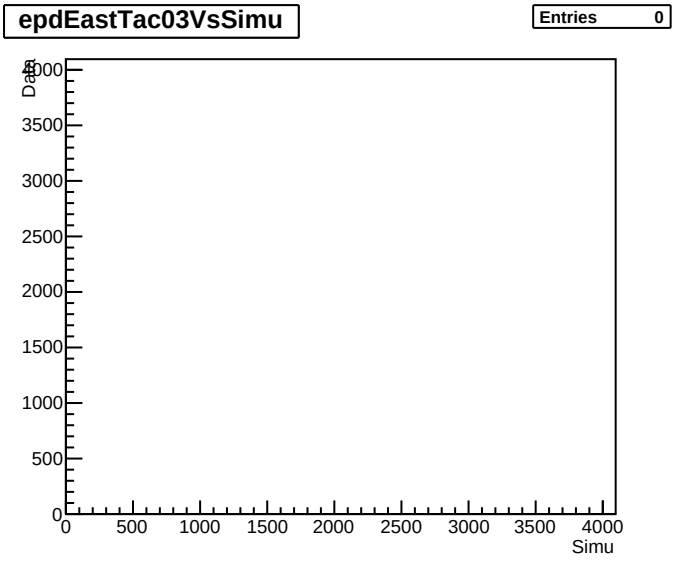

epdWestTacMax
Entries 2681064
TAC
DSM Input Channel

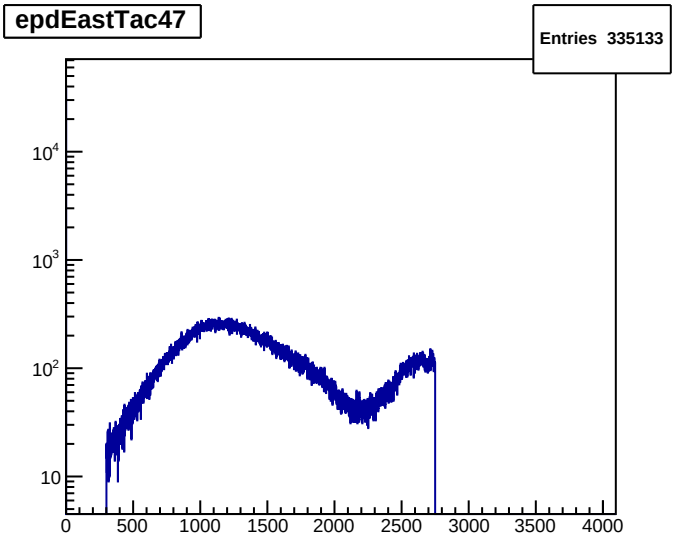

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

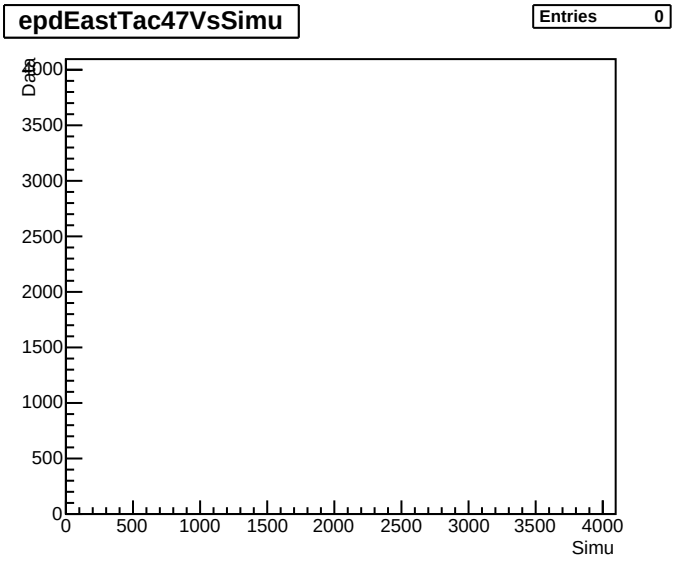

epdWestTHits
Entries 2681064
Truncated NHits
DSMInput Channel

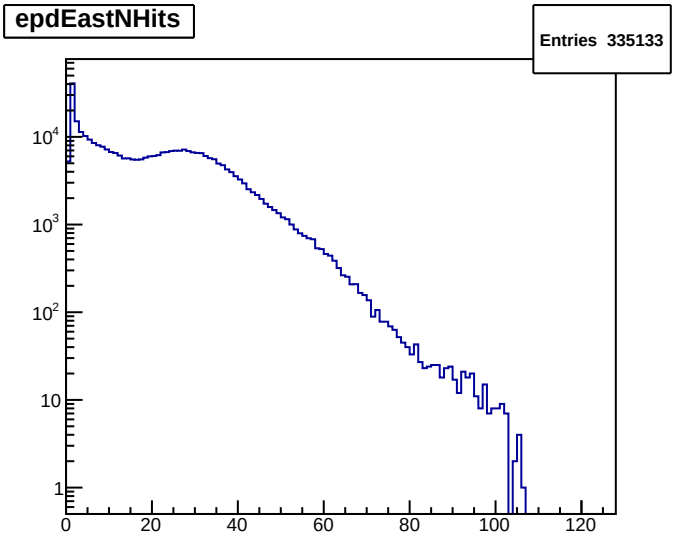

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

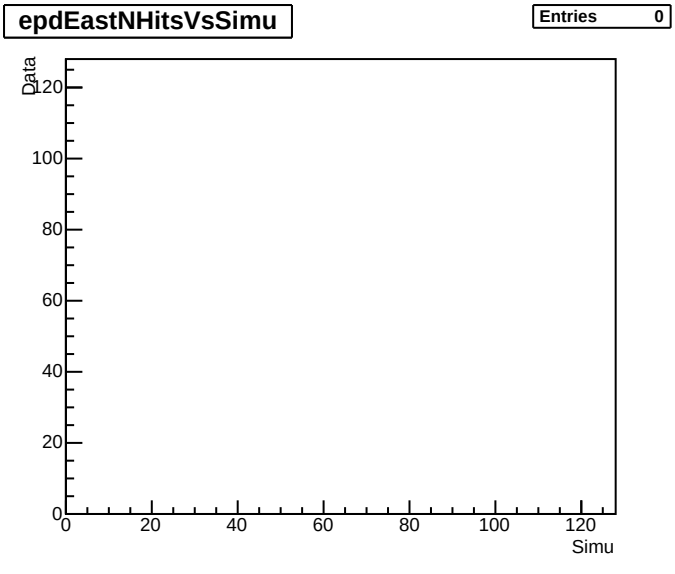

epdEastTac03
Entries 335133


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 335133


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 335133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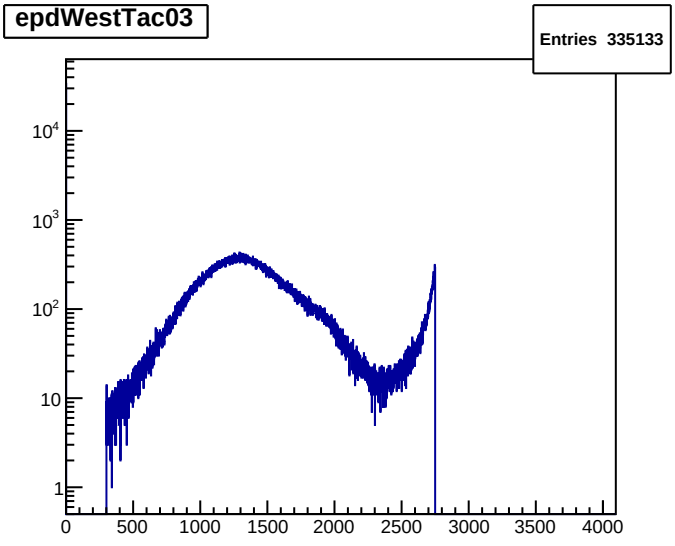
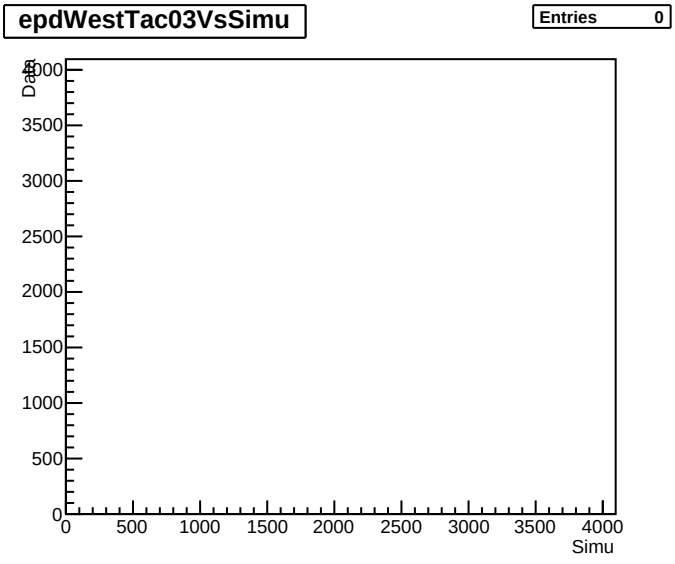
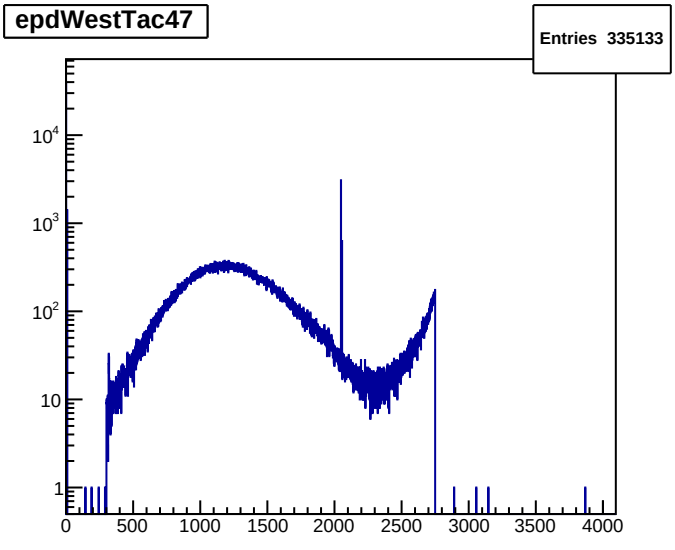
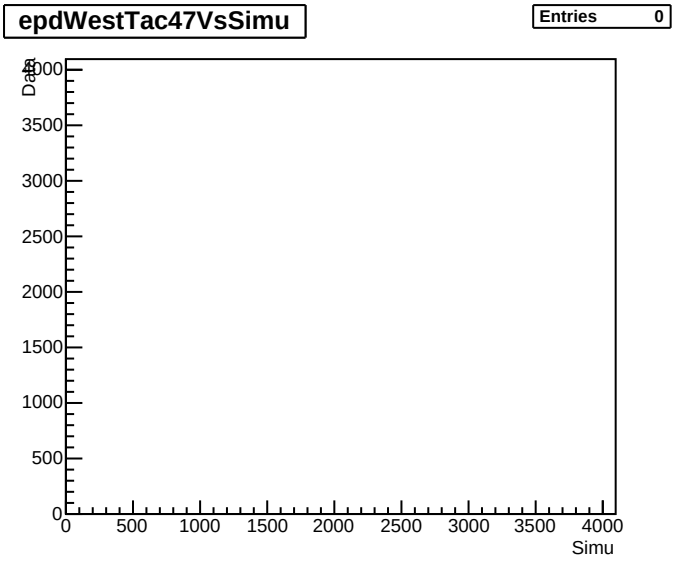
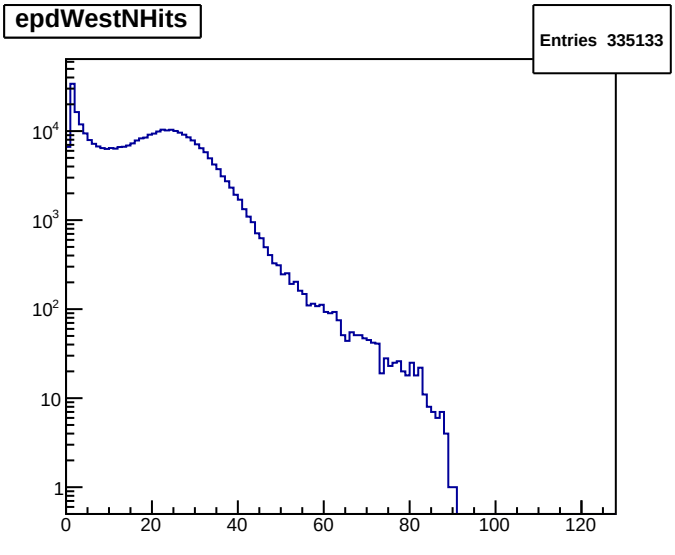
Entries 0
Data
Simu

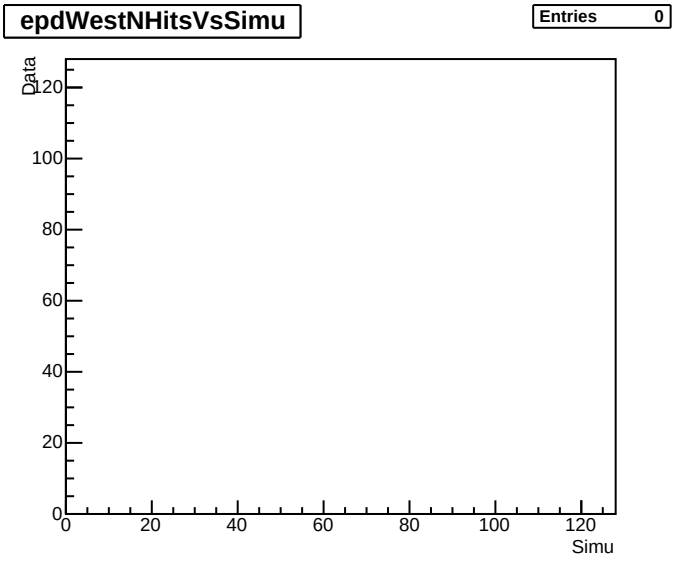

epdWestTac03
Entries 335133

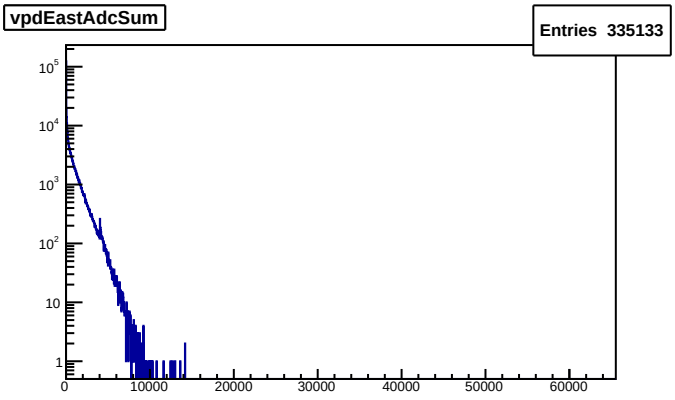

epdWestTac03VsSimu
Entries 0
Data
Simu

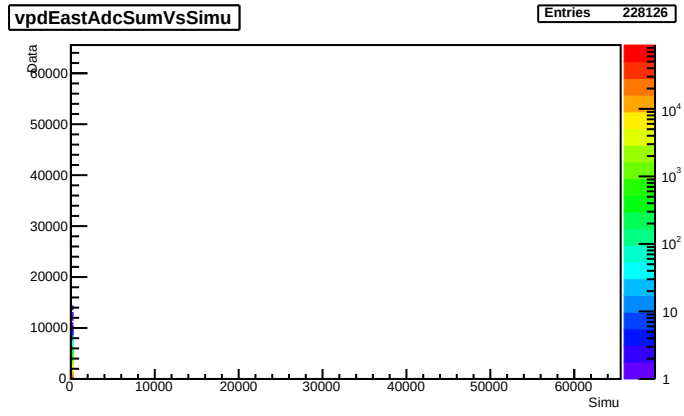

epdWestTac47
Entries 335133

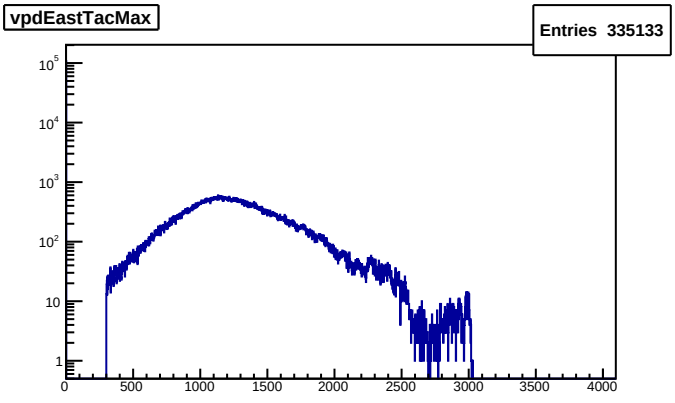

epdWestTac47VsSimu
Entries 0
Data
Simu

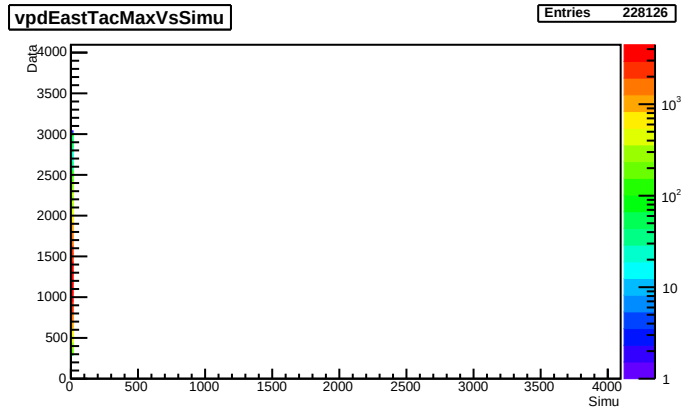

epdWestNHits
Entries 335133

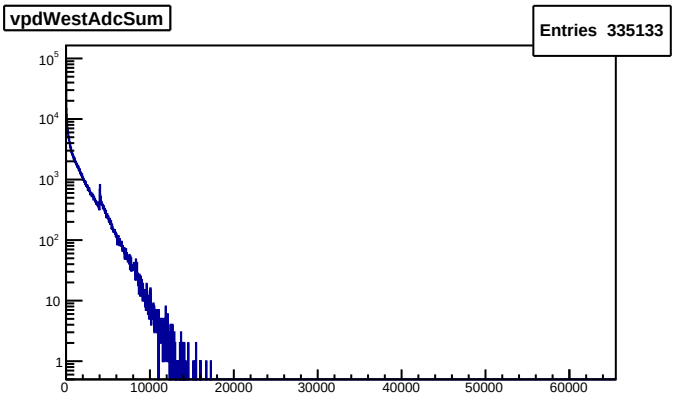

epdWestNHitsVsSimu
Entries 0
Data
Simu

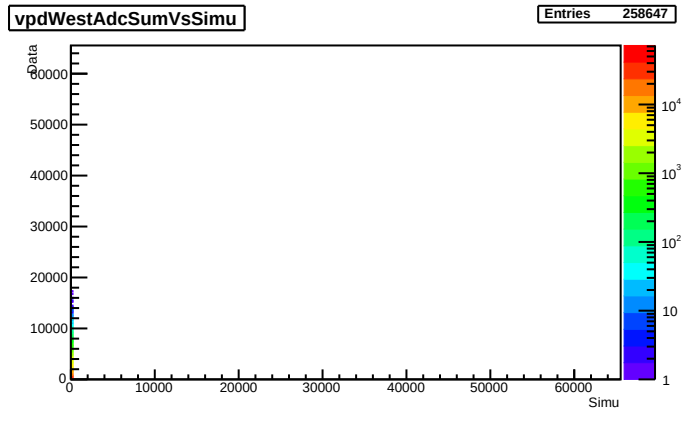

vpdEastAdcSum
Entries 335133

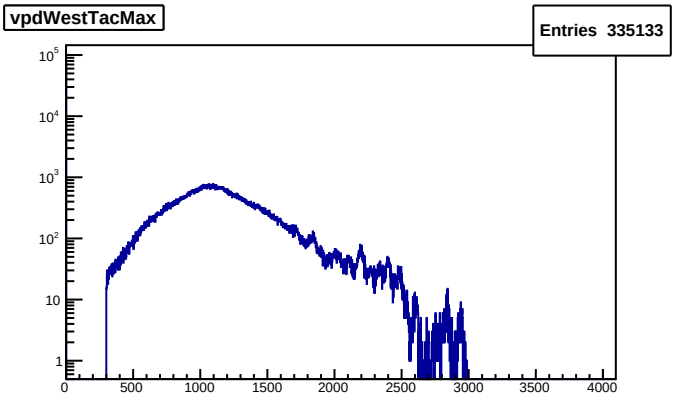

vpdEastAdcSumVsSimu
Entries 228126
Data
Simu

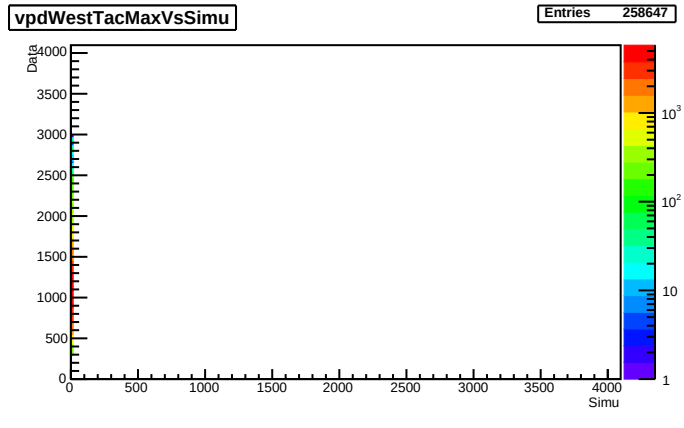

vpdEastTacMax
Entries 335133

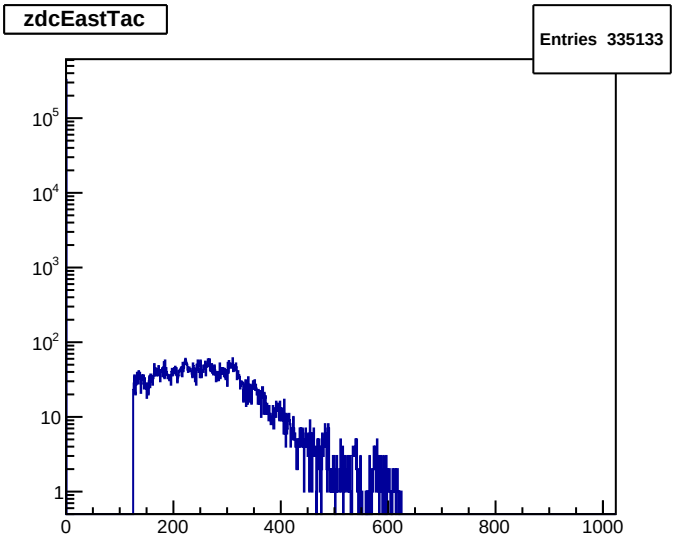

vpdEastTacMaxVsSimu
Entries 228126
Data
Simu

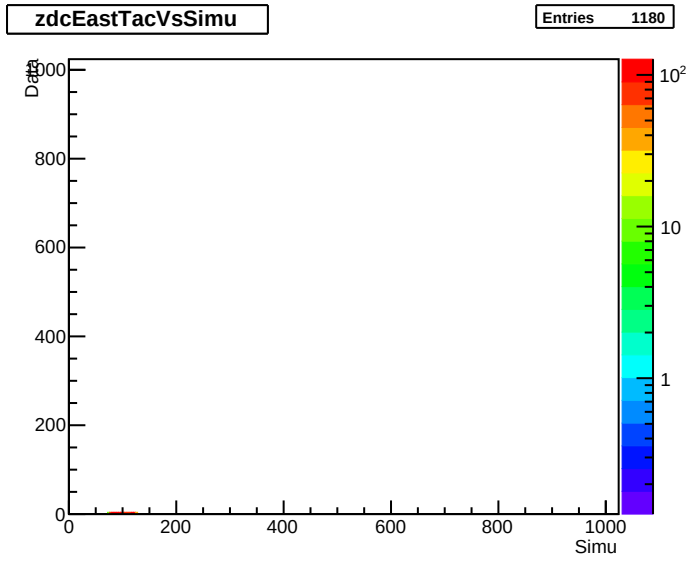

vpdWestAdcSum
Entries 335133

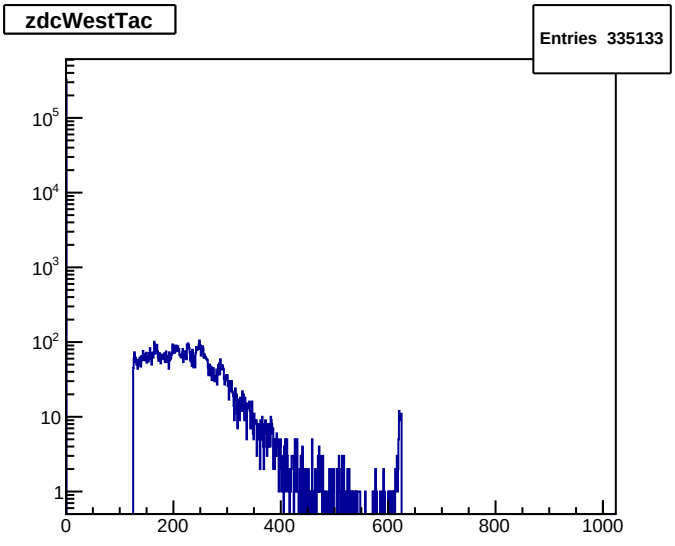

vpdWestAdcSumVsSimu
Entries 258647
Data
Simu

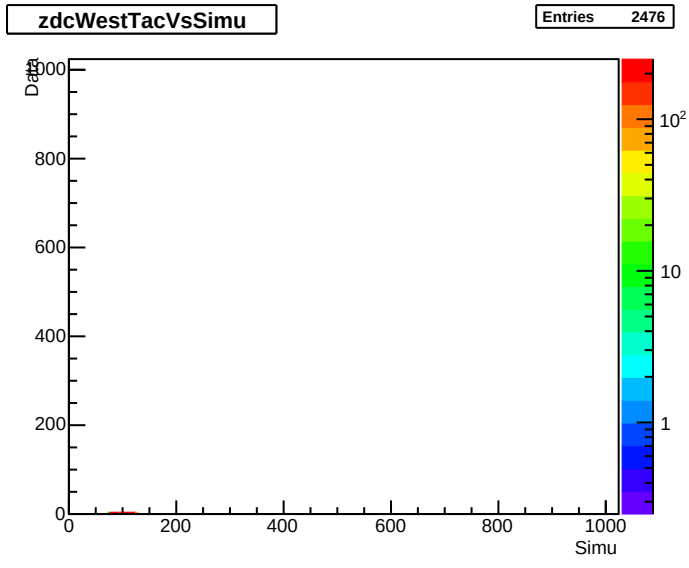

vpdWestTacMax
Entries 335133

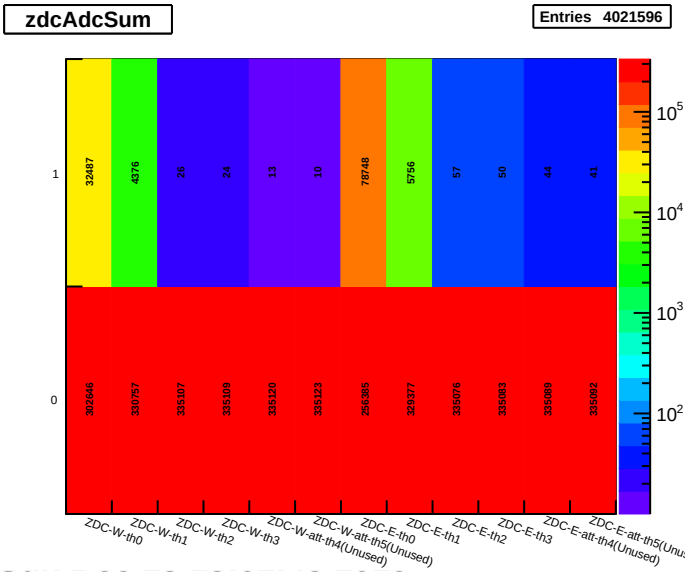

vpdWestTacMaxVsSimu
Entries 258647
Data
Simu

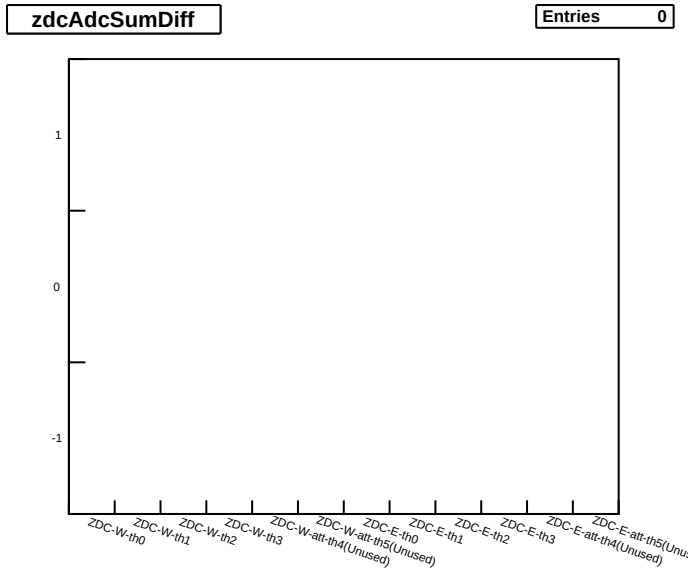

zdcEastTac
Entries 335133

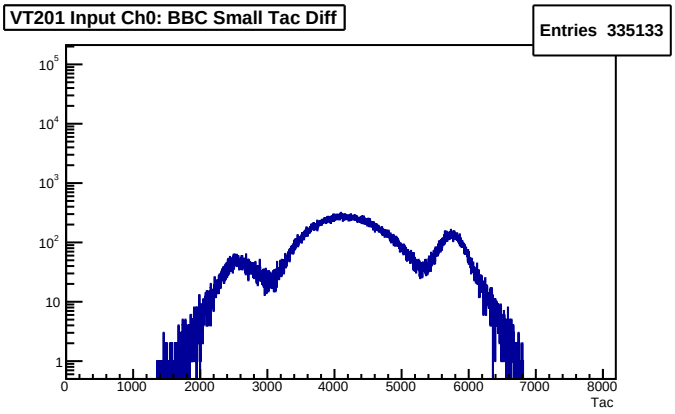

zdcEastTacVsSimu
Entries 1180
Data
Simu

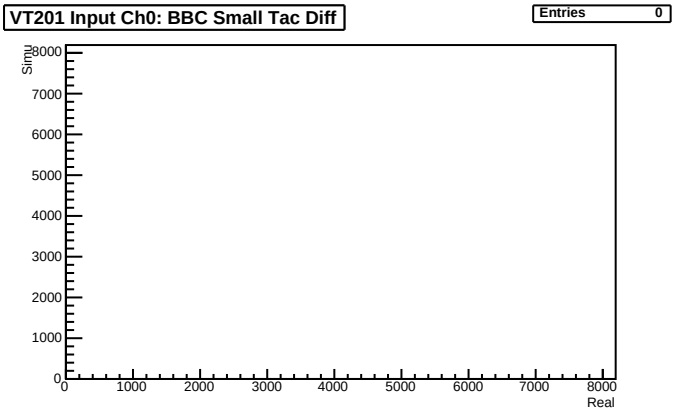

zdcWestTac
Entries 335133

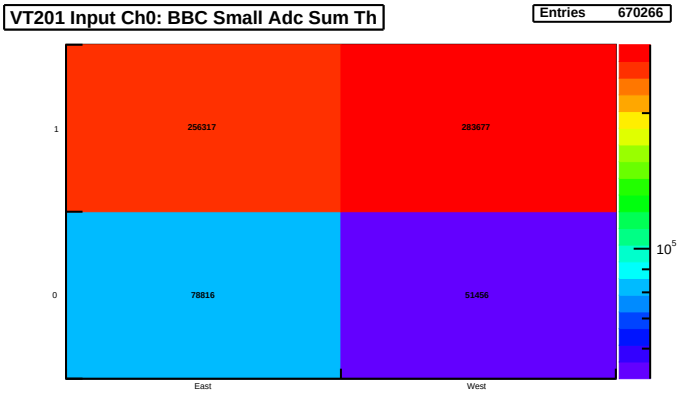

zdcWestTacVsSimu
Entries 2476
Data
Simu

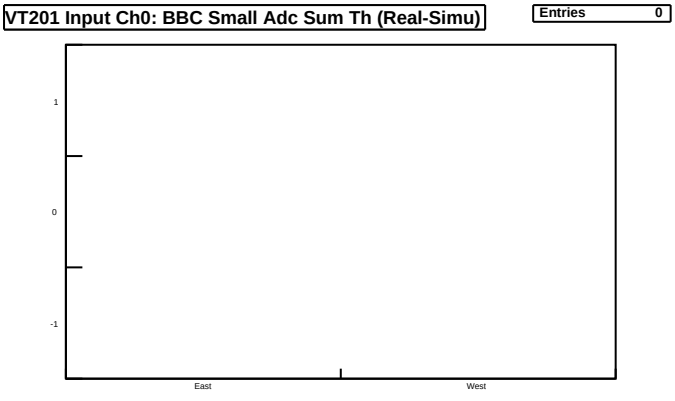

zdcAdcSum
Entries 4021596
32487
4376
26
24
13
10
78748
5756
57
50
44
41
302646
330757
335107
335109
335120
335123
256385
329377
335076
335083
335089
335092
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

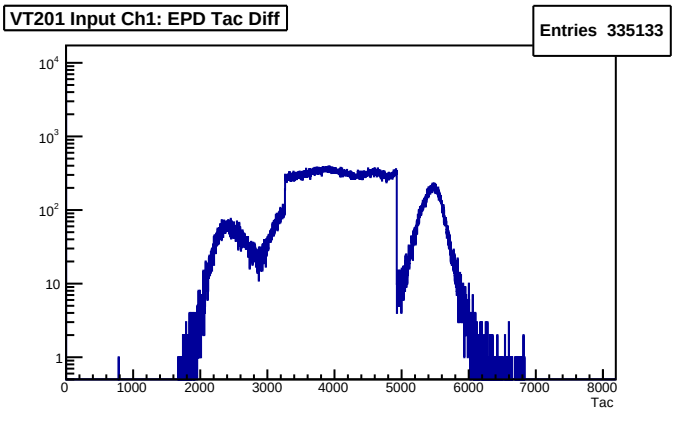

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

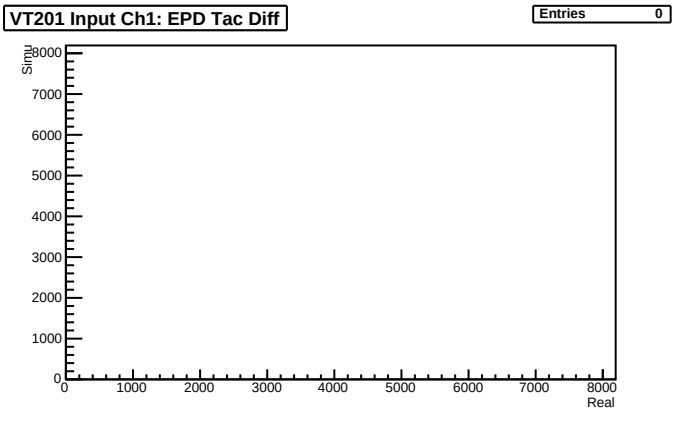

VT201 Input Ch0: BBC Small Tac Diff
Entries 335133
Tac

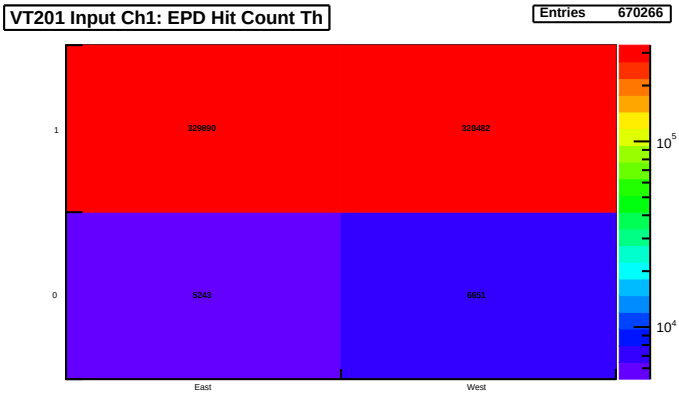

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

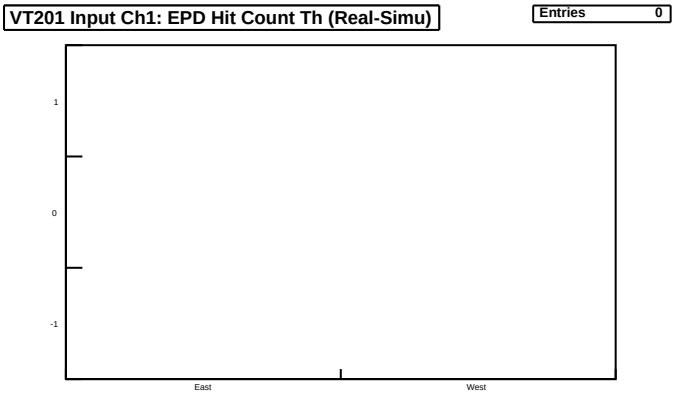

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 670266
256317
283677
78816
51456
East
West

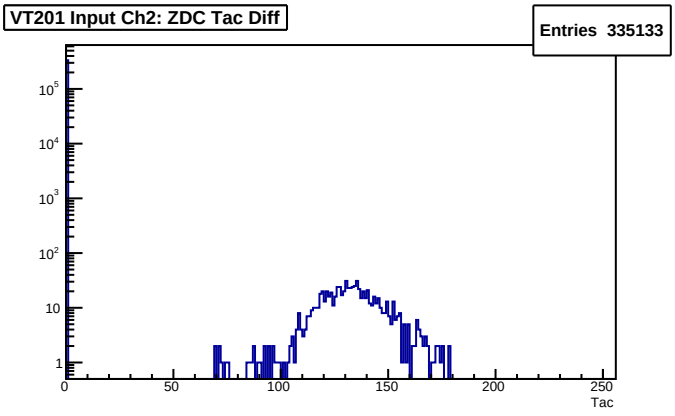

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

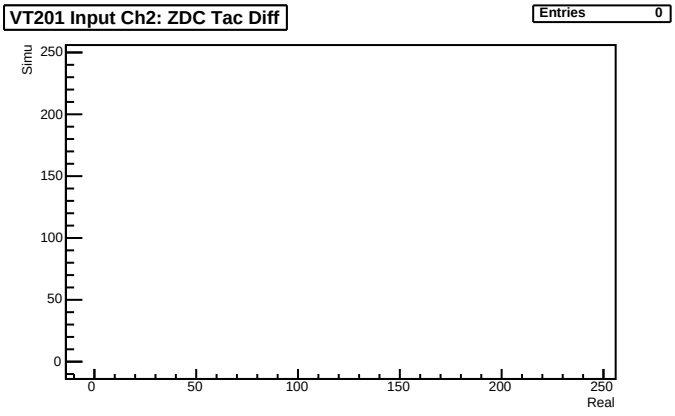

VT201 Input Ch1: EPD Tac Diff
Entries 335133
Tac

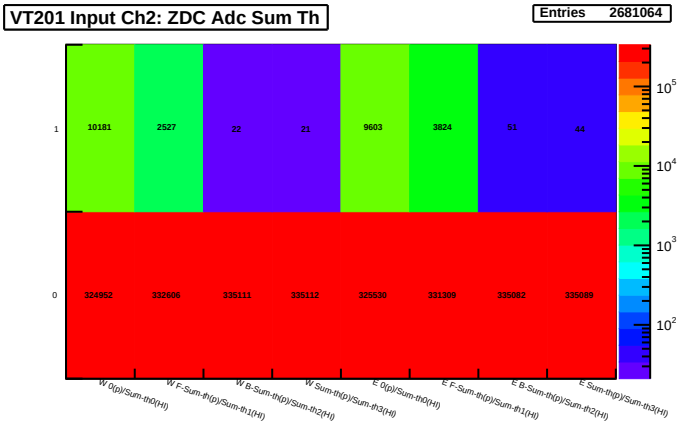

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

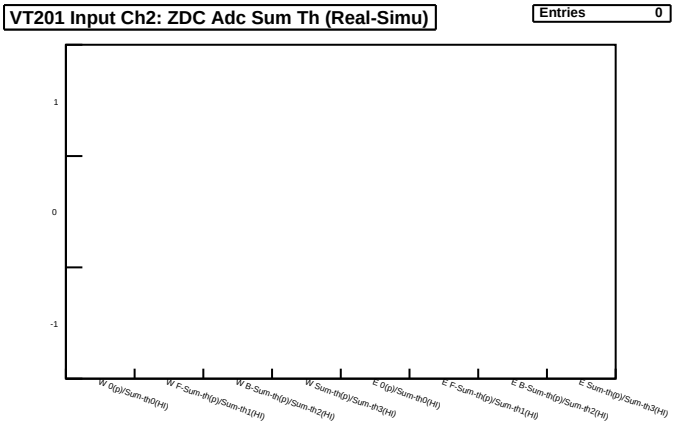

VT201 Input Ch1: EPD Hit Count Th
Entries 670266
329890
328482
5243
6651
East
West

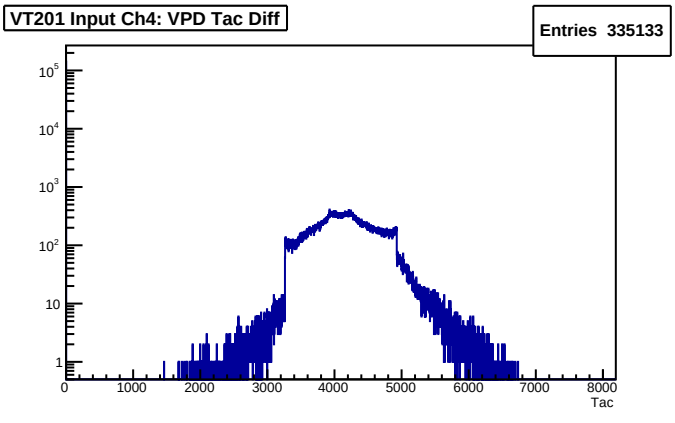

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

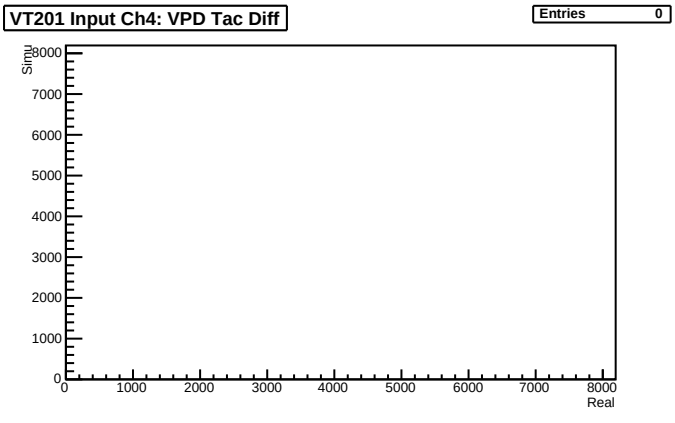

VT201 Input Ch2: ZDC Tac Diff
Entries 335133
Tac

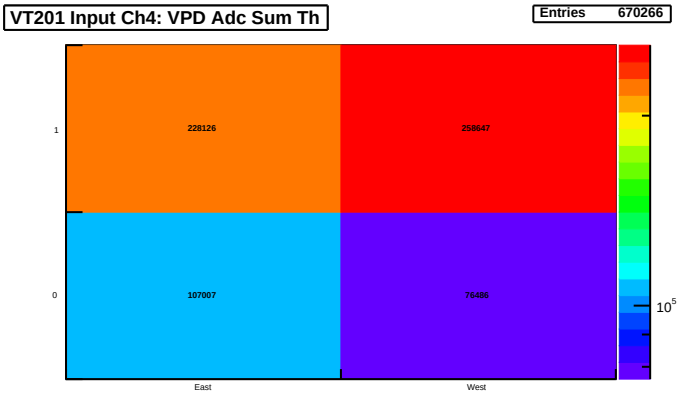

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

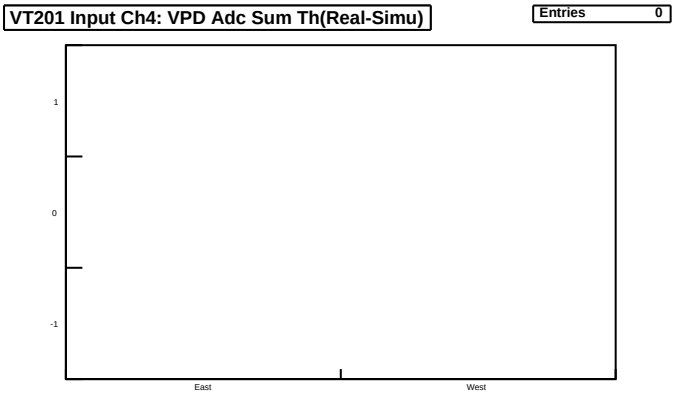

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2681064
10181
2527
22
21
9603
3824
51
44
324952
332606
335111
335112
325530
331309
335082
335089
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

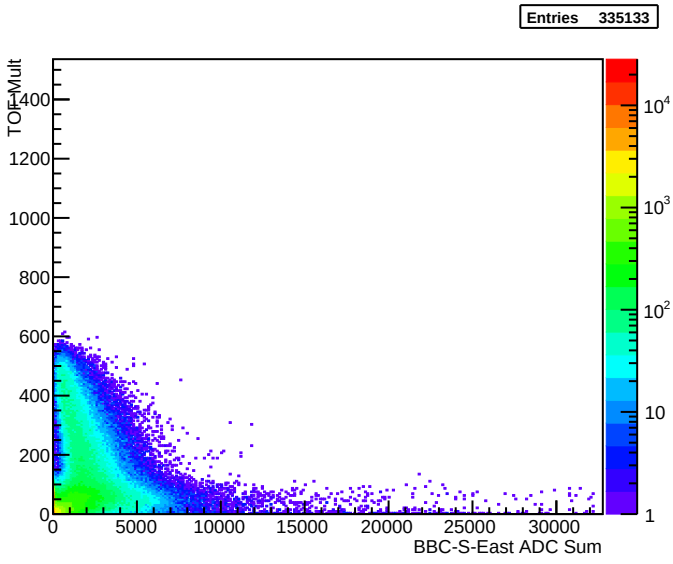

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

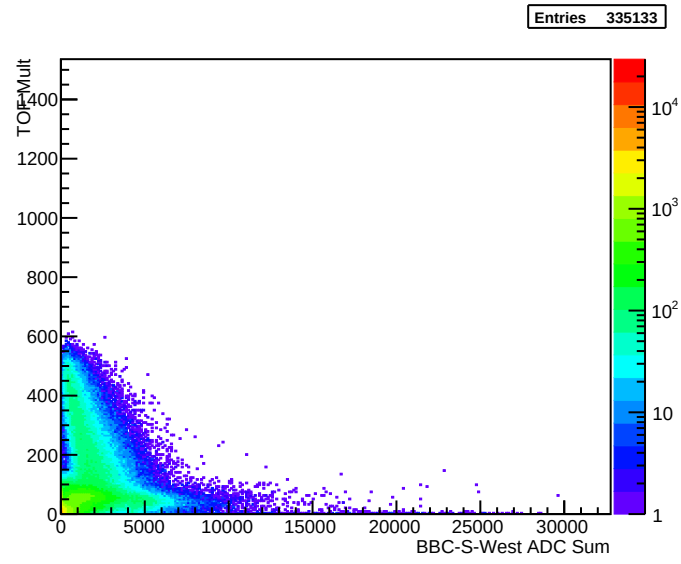

VT201 Input Ch4: VPD Tac Diff
Entries 335133
Tac

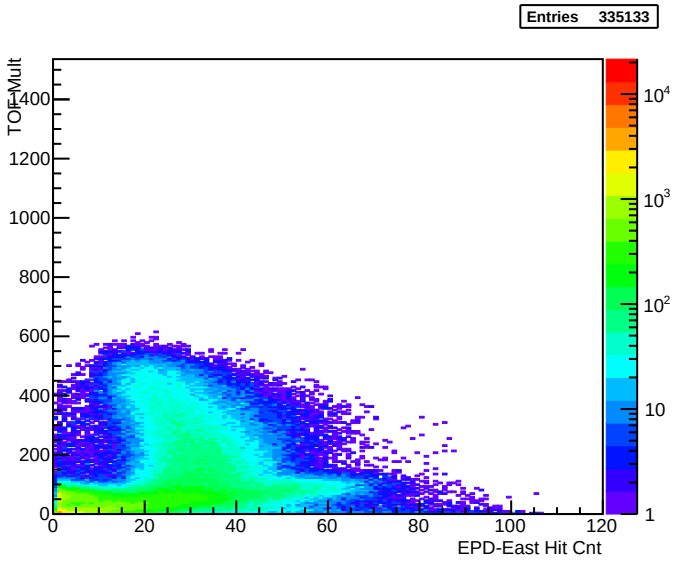

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

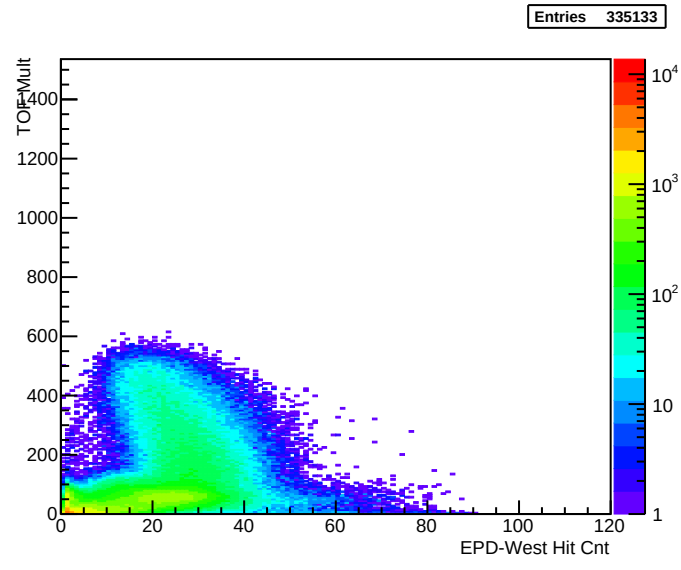

VT201 Input Ch4: VPD Adc Sum Th
Entries 670266
228126
250647
107007
76486
East
West

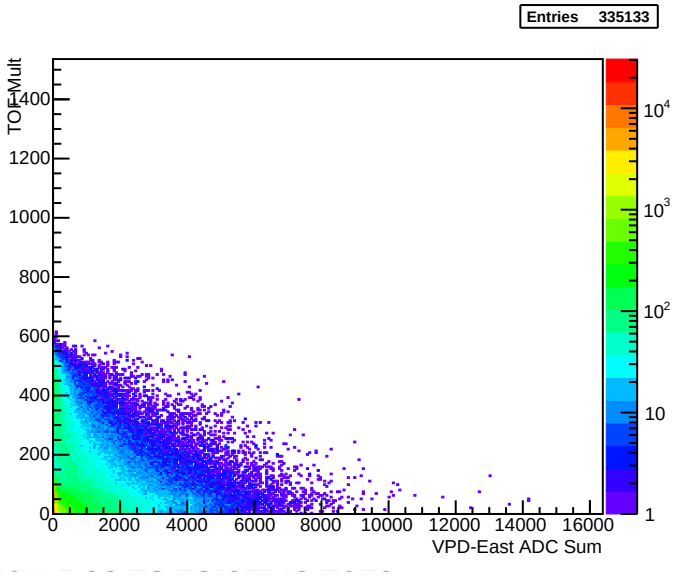

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

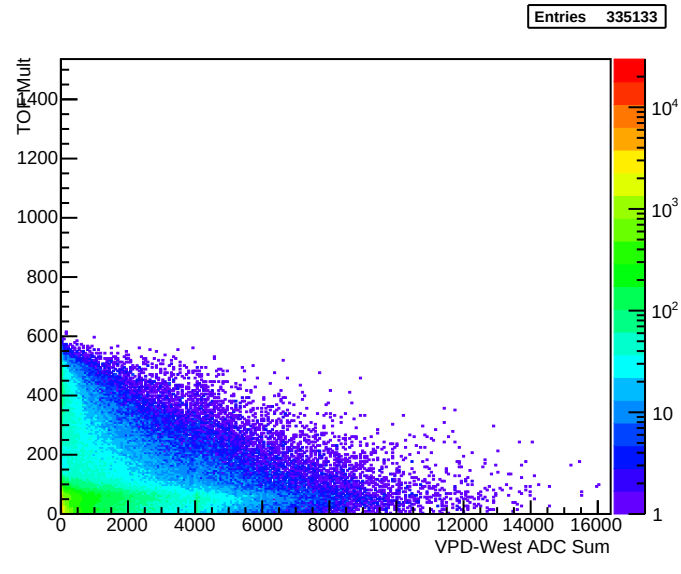

Entries 335133
TOF-Mult
BBC-S-East ADC Sum

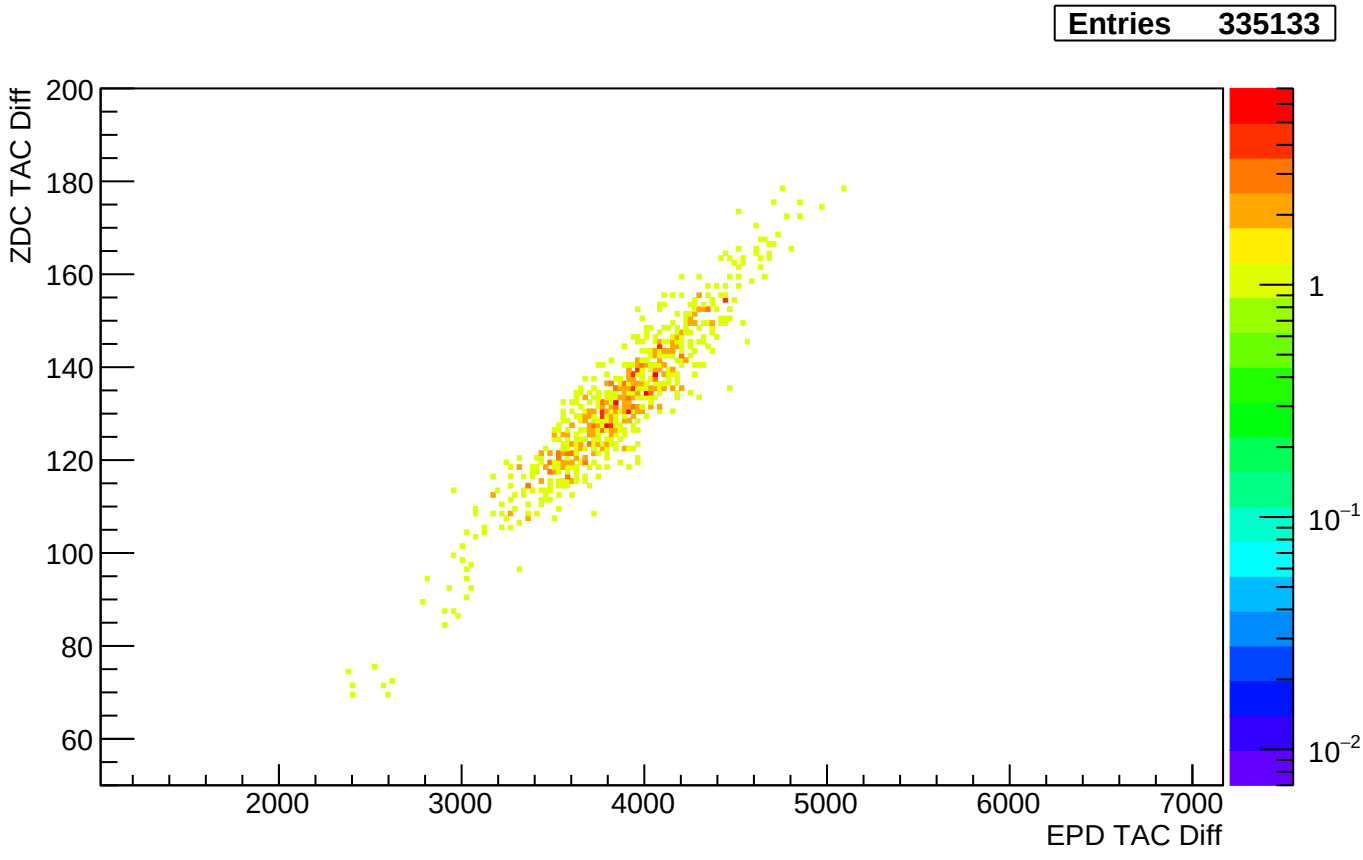

Entries 335133
TOF-Mult
BBC-S-West ADC Sum

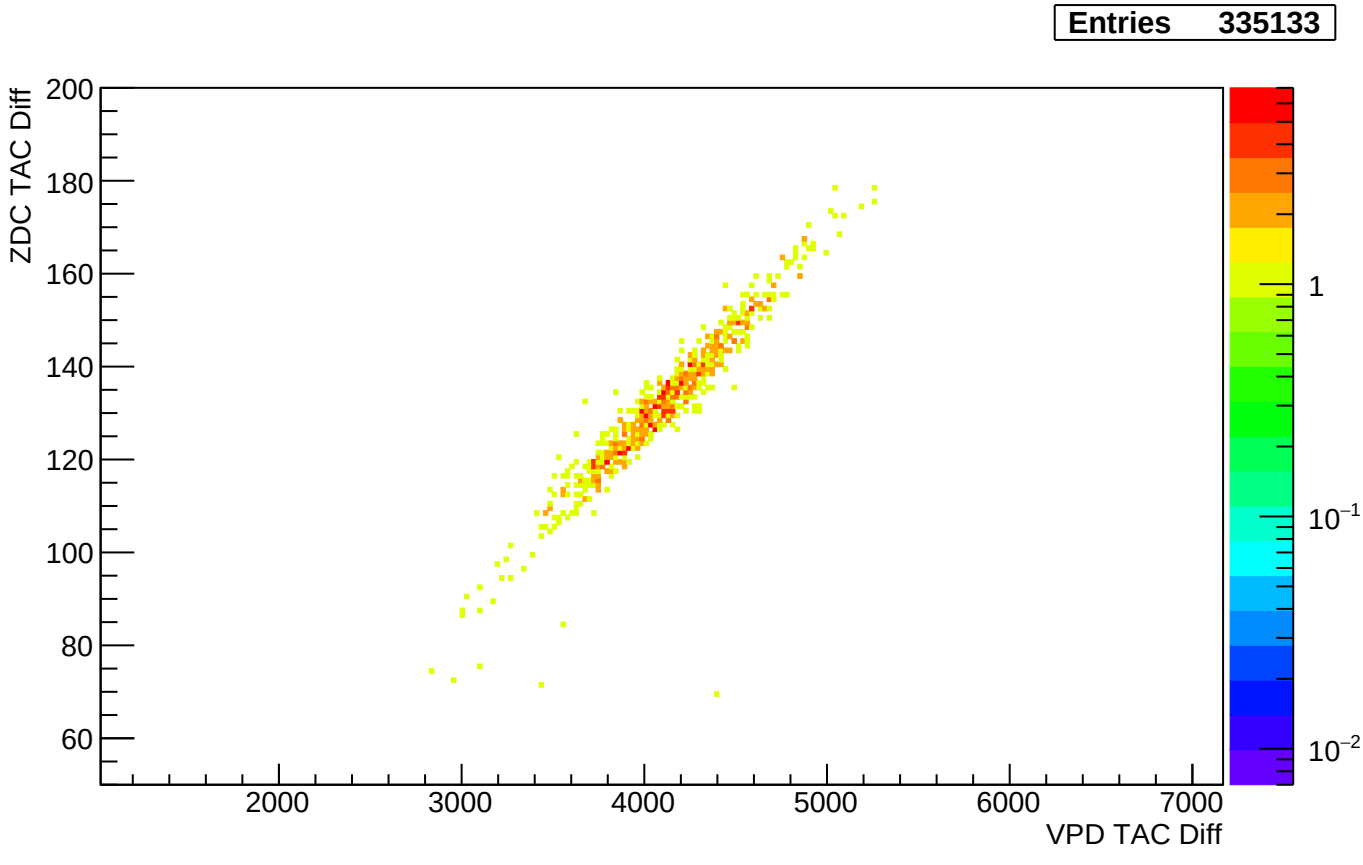

Entries 335133
TOF-Mult
EPD-East Hit Cnt

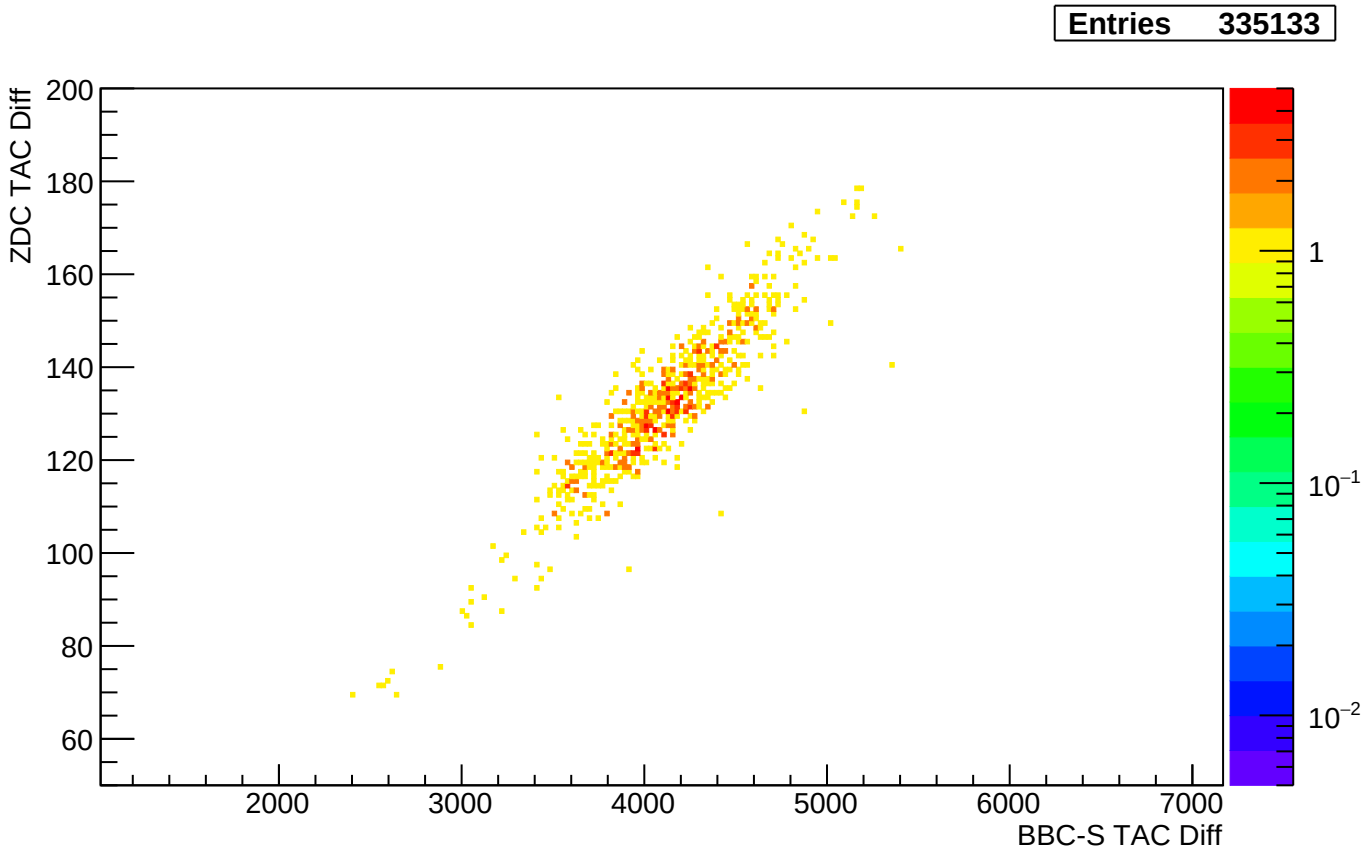

Entries 335133
TOF-Mult
EPD-West Hit Cnt

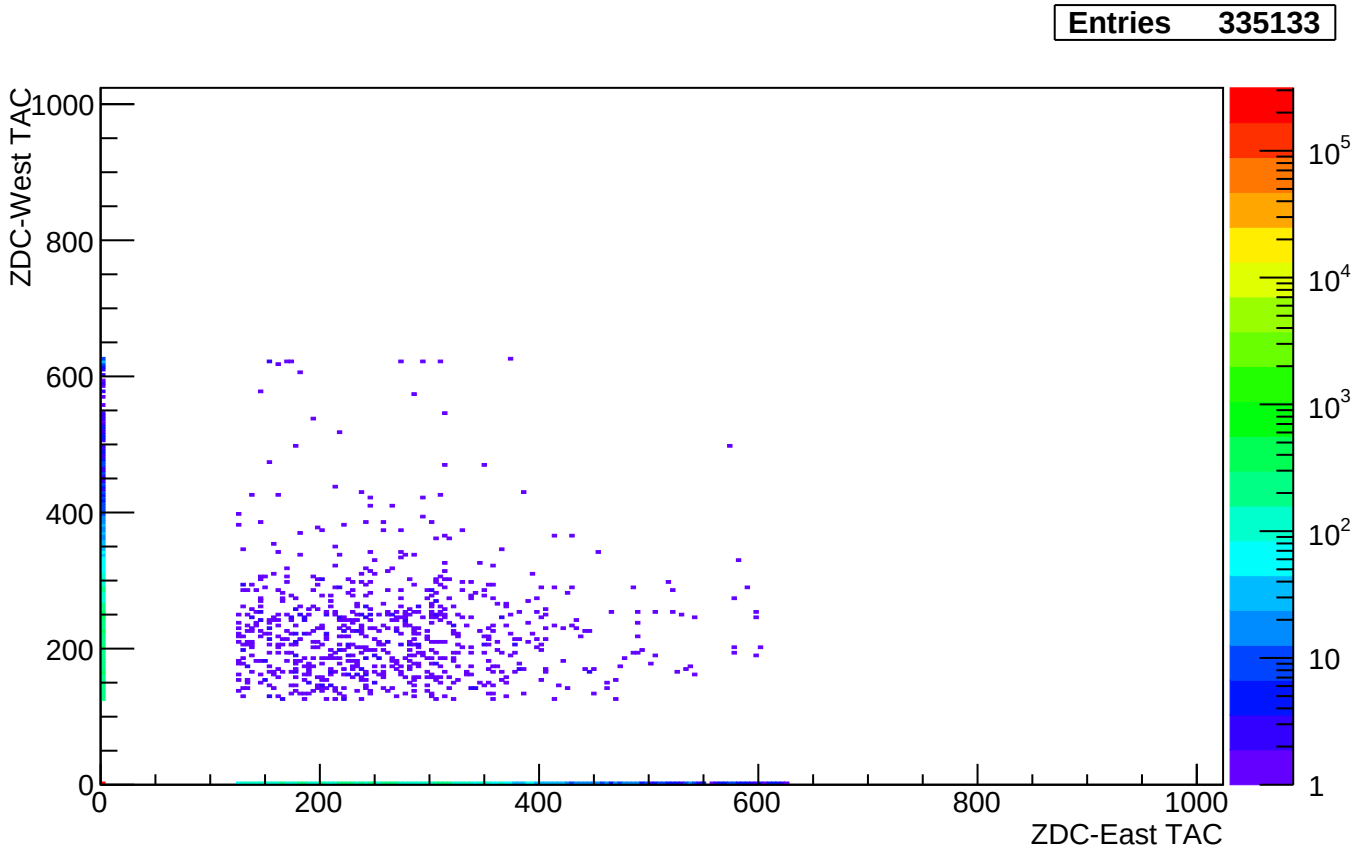

Entries 335133
TOF-Mult
VPD-East ADC Sum

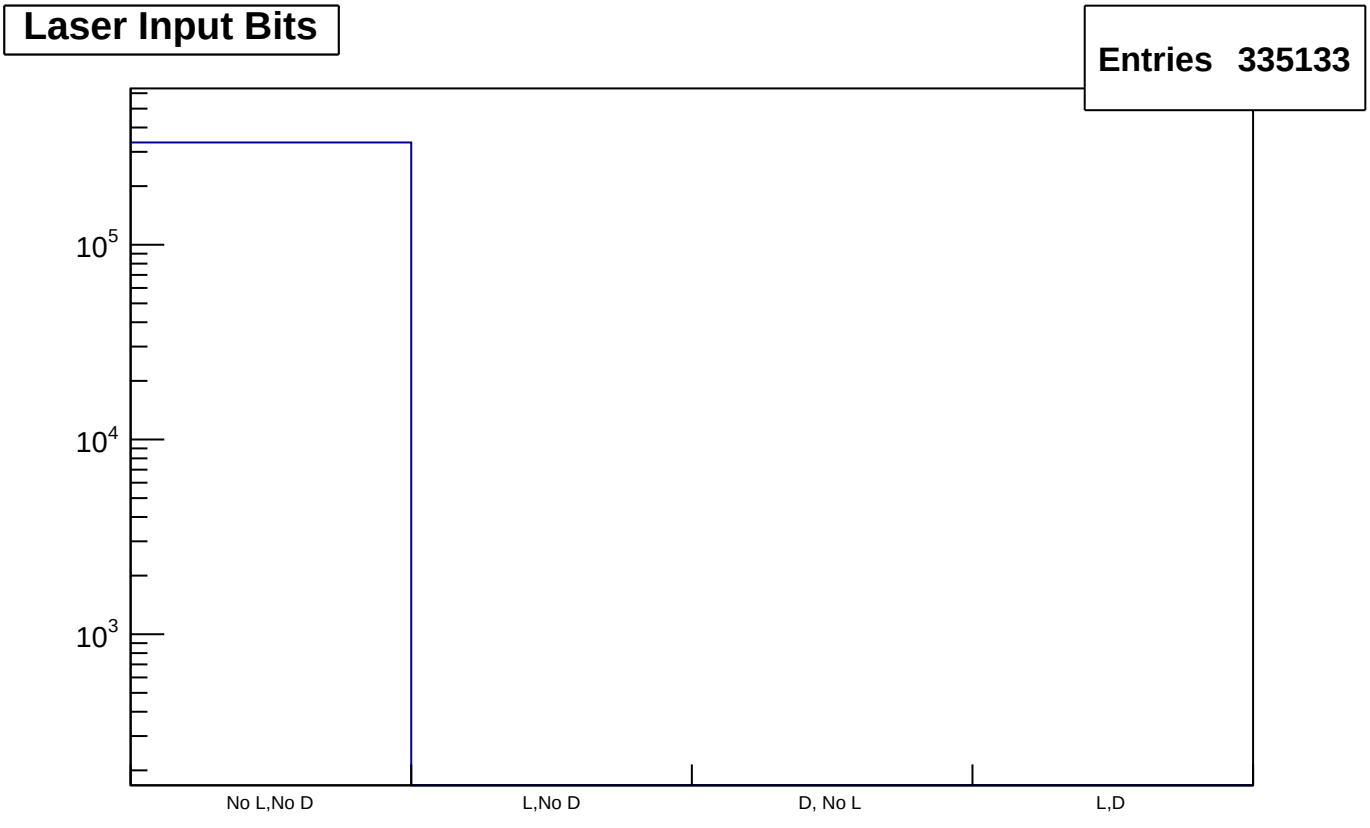

Entries 335133
TOF-Mult
VPD-West ADC Sum

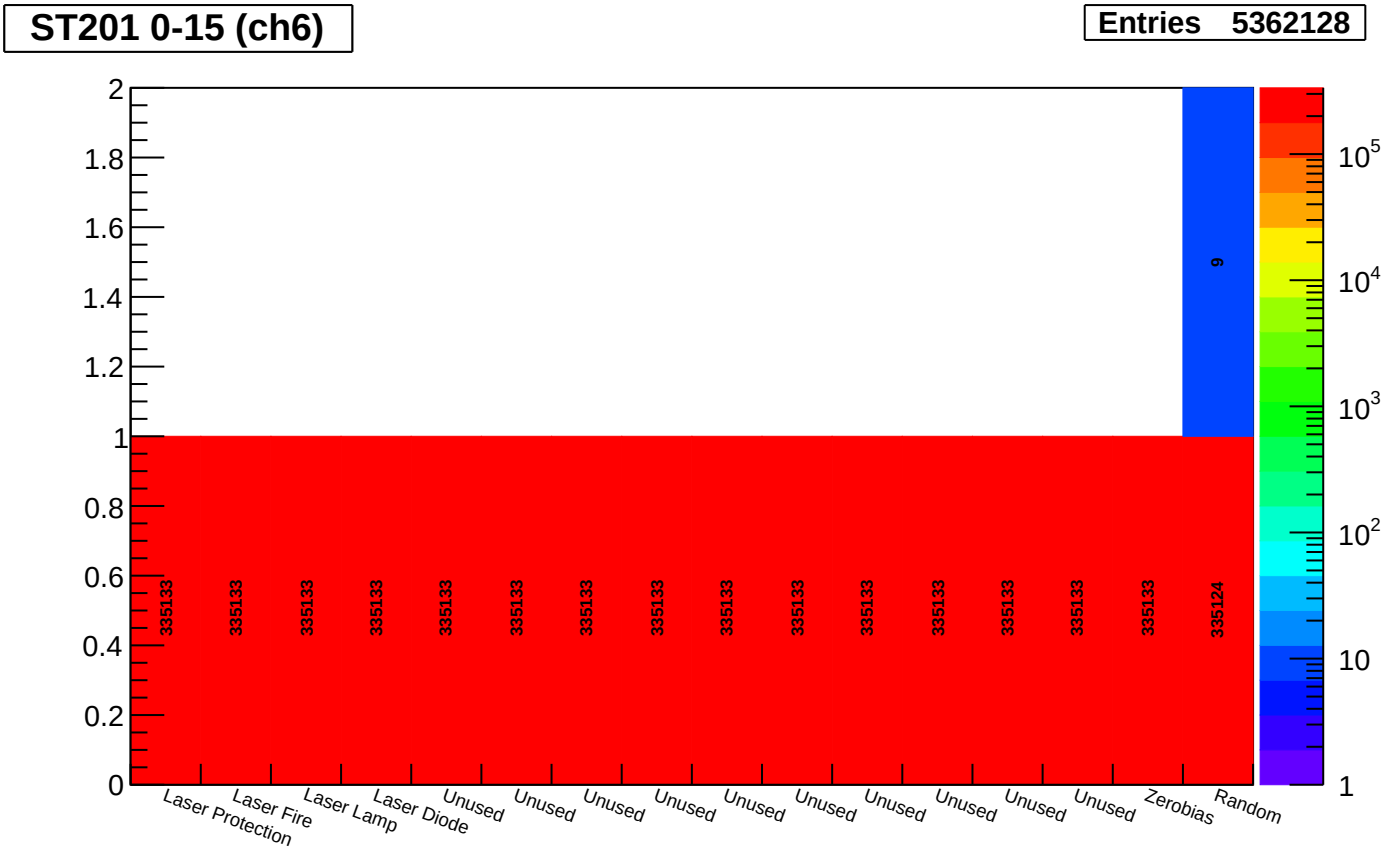

Entries 335133
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

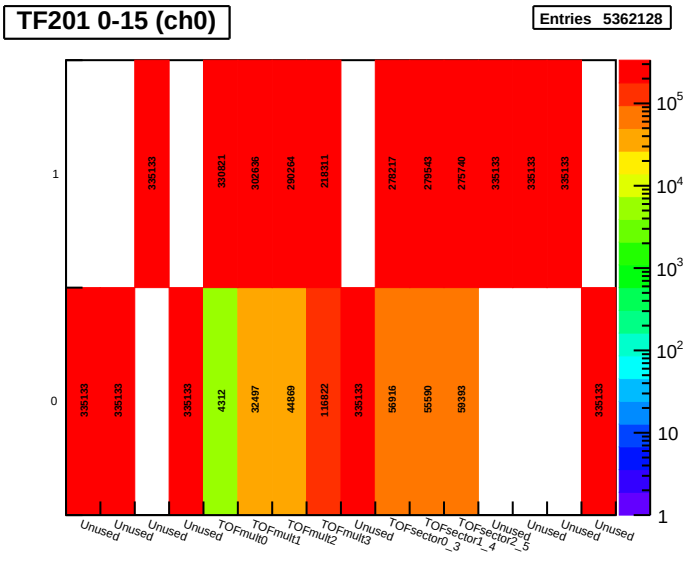

Entries 335133
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

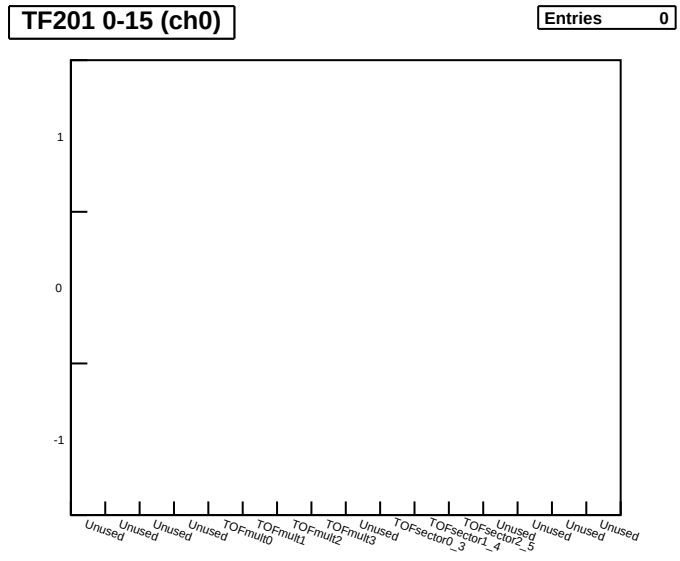

Entries 335133
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

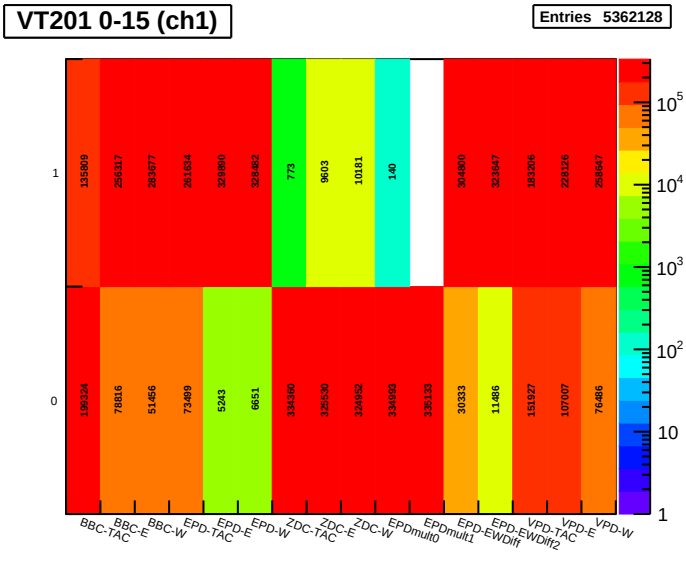

Entries 335133
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

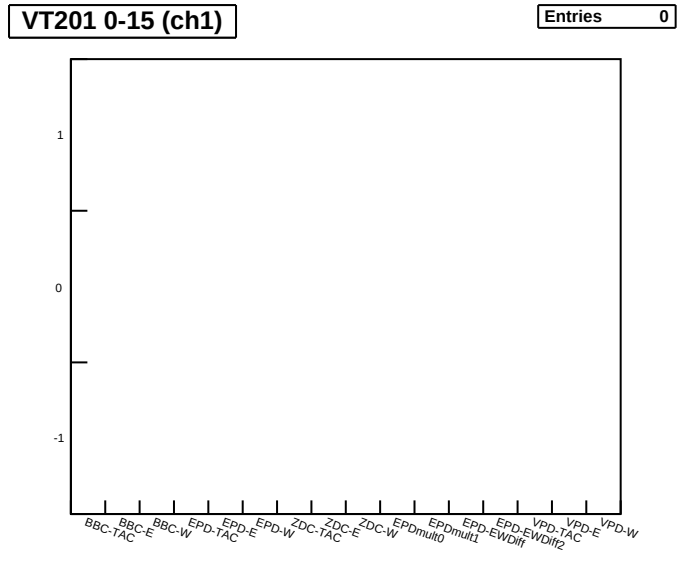

Laser Input Bits
Entries 335133
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

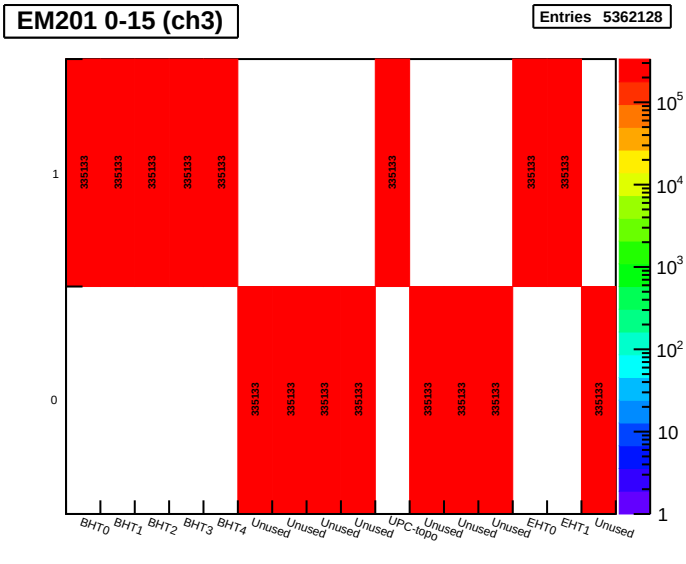

ST201 0-15 (ch6)
Entries 5362128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
335133
335124
9
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

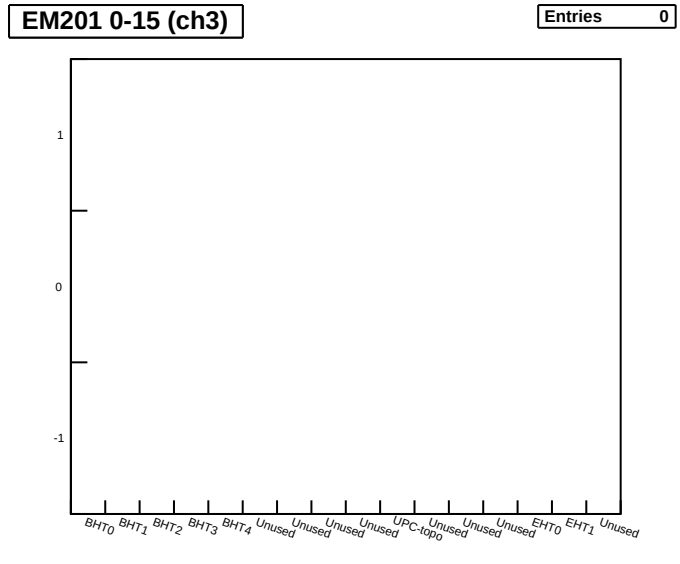

TF201 0-15 (ch0)
Entries 5362128
1
0
335133
330821
302636
280264
218311
278217
279543
275740
335133
335133
335133
335133
335133
335133
335133
4312
32497
44869
116822
335133
56916
55590
59393
335133
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 5362128
1
0
135809
256317
283677
261634
329890
328482
773
9603
10181
140
304800
323647
183266
228126
258647
199324
78816
51456
73499
5243
6651
334360
329530
324052
334993
335133
30333
11486
151927
107007
76486
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 5362128
1
0
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
335133
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1