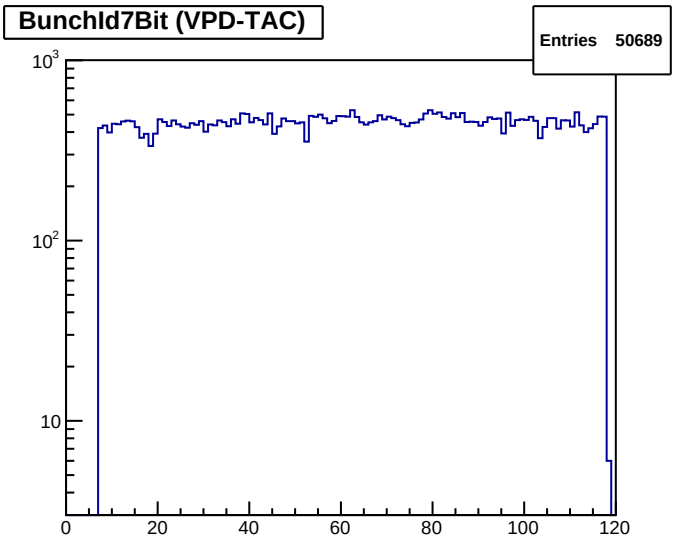
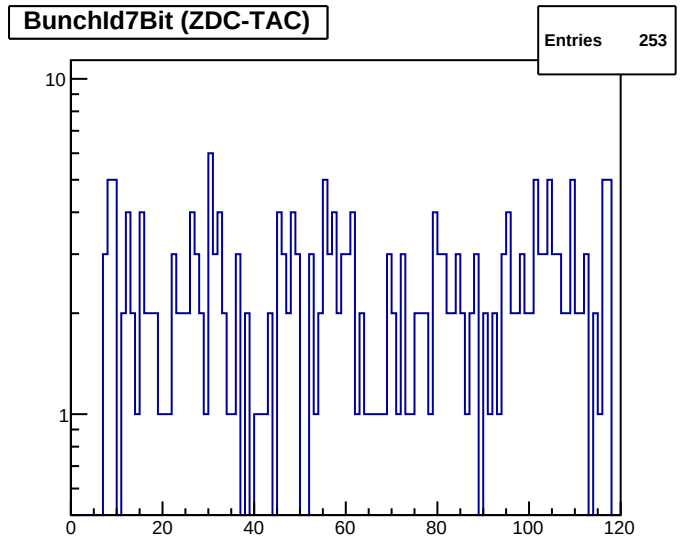
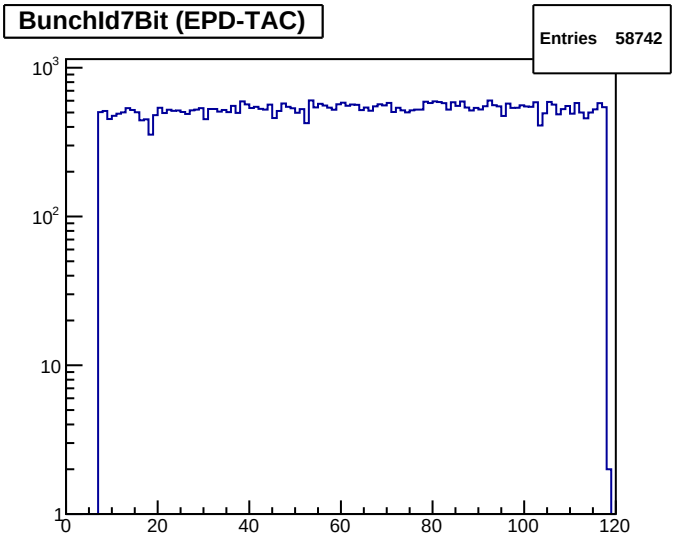
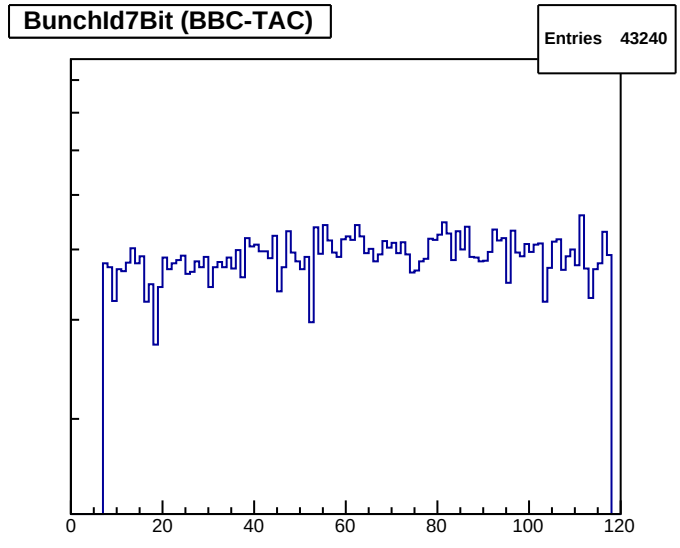
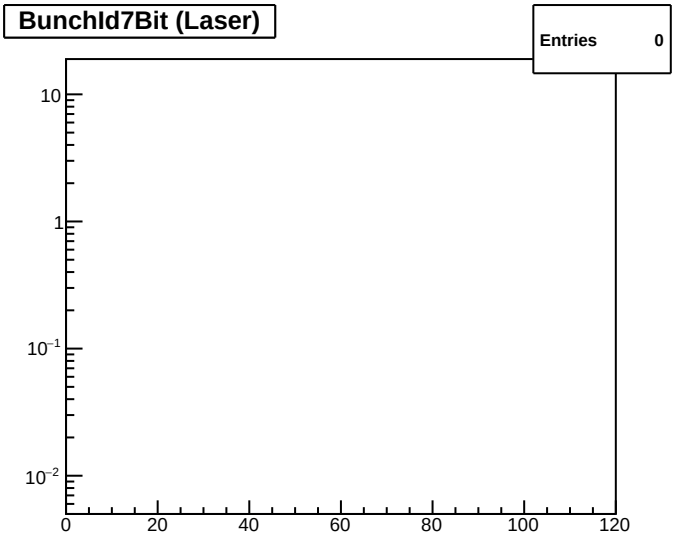
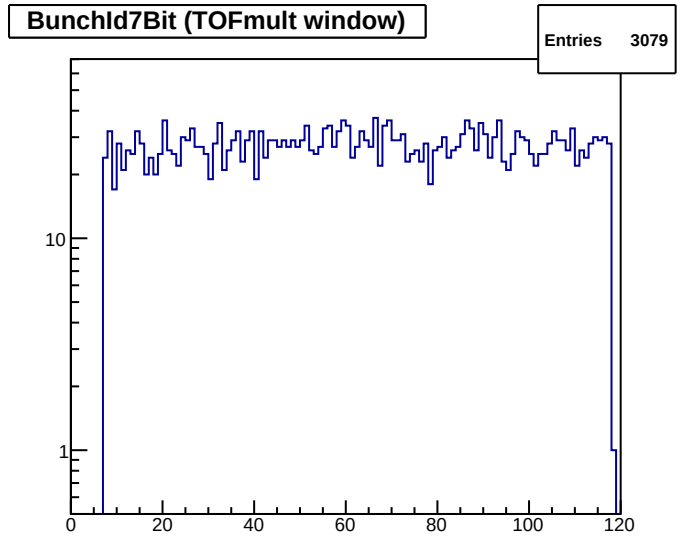

BunchId7Bit (VPD-TAC)
Entries 50689

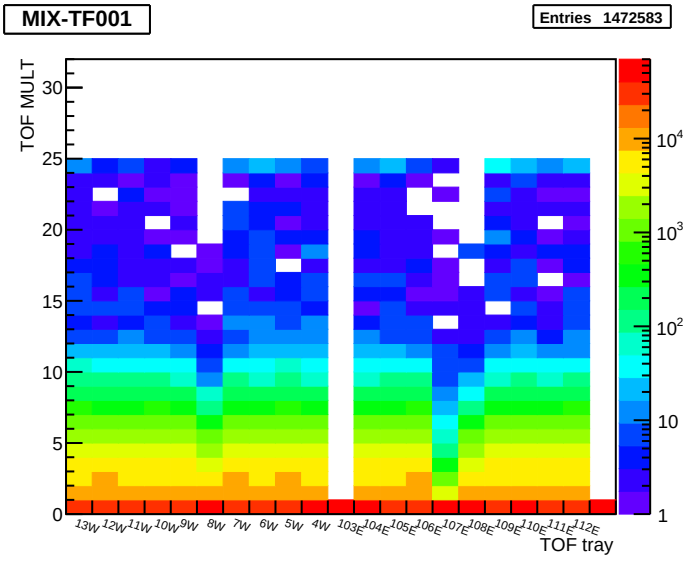

BunchId7Bit (ZDC-TAC)
Entries 253

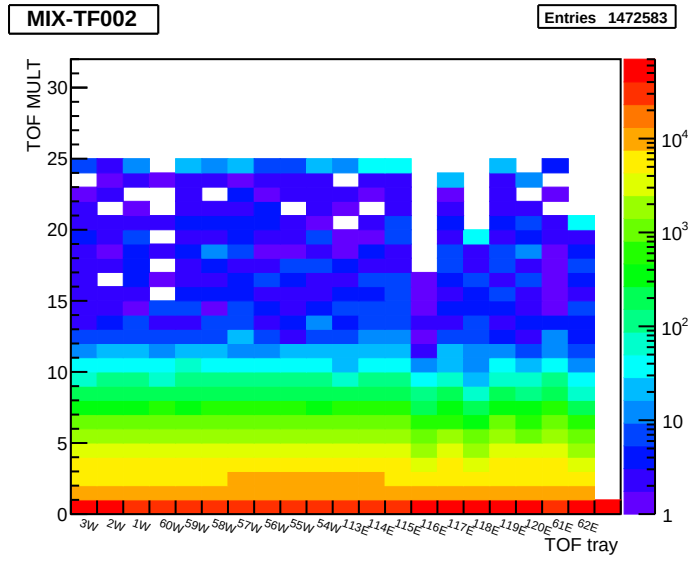

BunchId7Bit (EPD-TAC)
Entries 58742

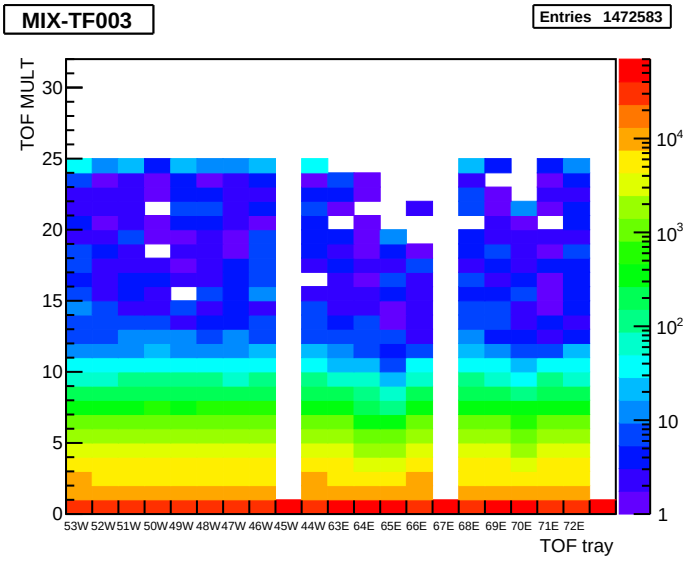

BunchId7Bit (BBC-TAC)
Entries 43240

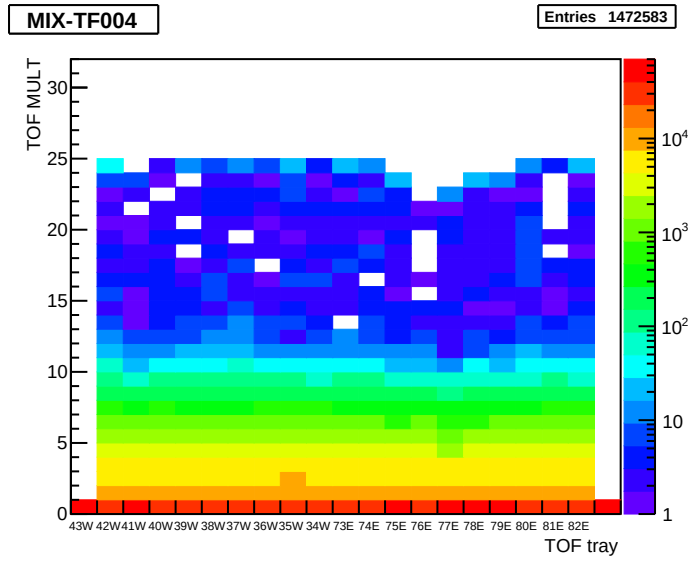

BunchId7Bit (Laser)
Entries 0

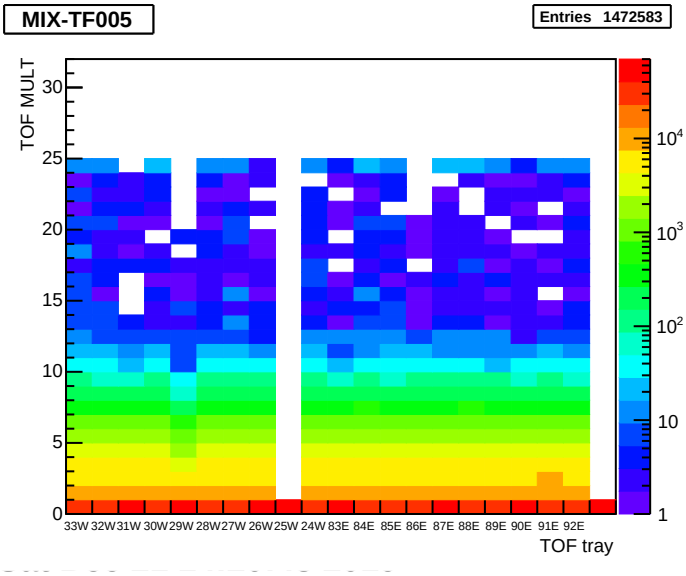

BunchId7Bit (TOFmult window)
Entries 3079

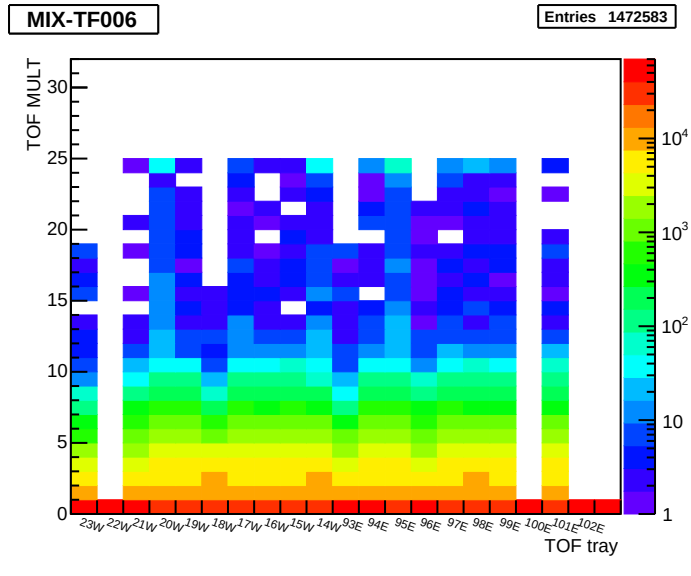

MIX-TF001
Entries 1472583
TOF MULT
TOF tray

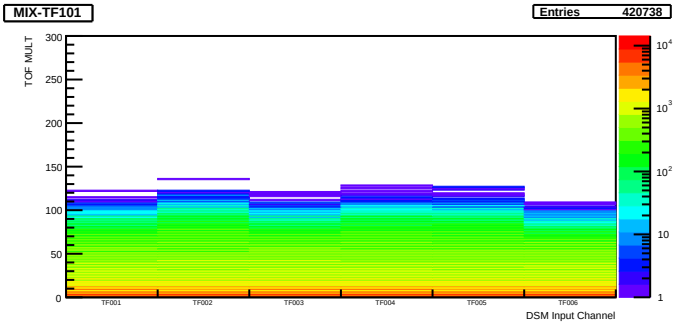

MIX-TF002
Entries 1472583
TOF MULT
TOF tray

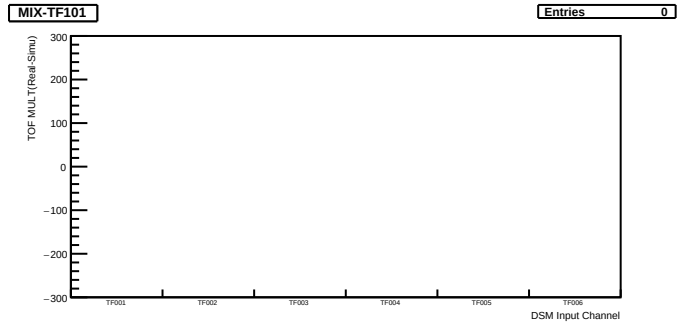

MIX-TF003
Entries 1472583
TOF MULT
TOF tray

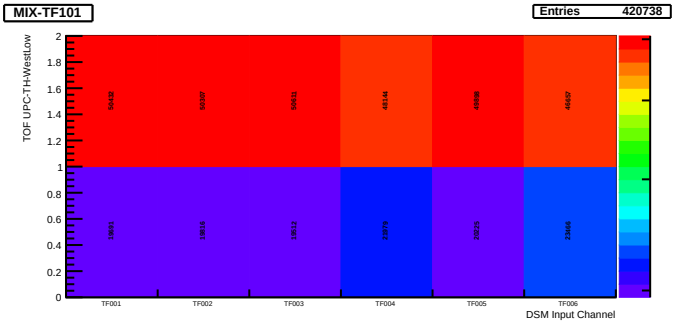

MIX-TF004
Entries 1472583
TOF MULT
TOF tray

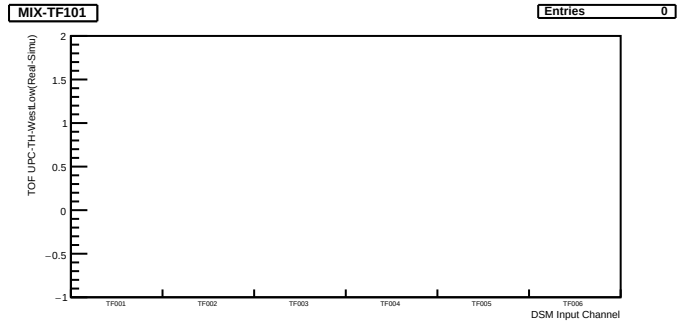

MIX-TF005
Entries 1472583
TOF MULT
TOF tray

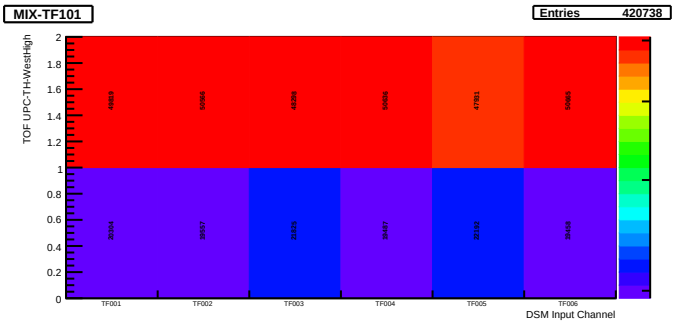

MIX-TF006
Entries 1472583
TOF MULT
TOF tray

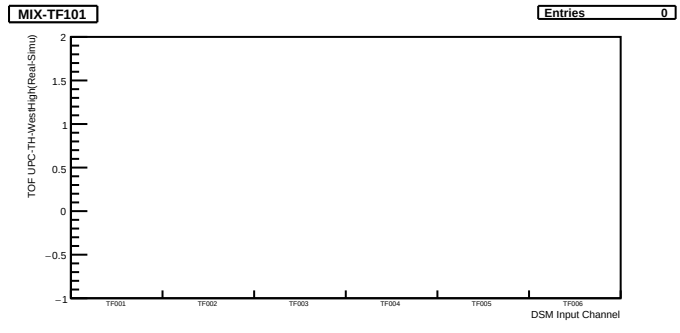

MIX-TF101
Entries 420738
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

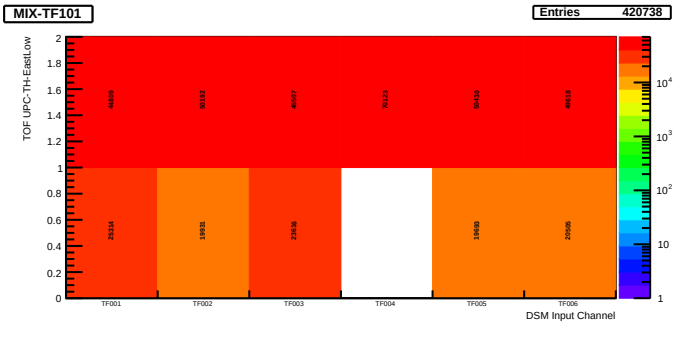

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

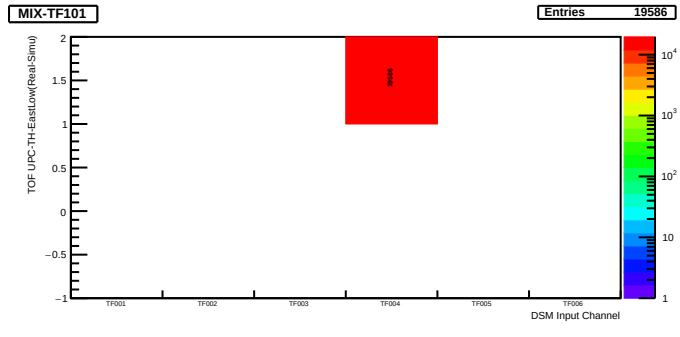

MIX-TF101
Entries 420738
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

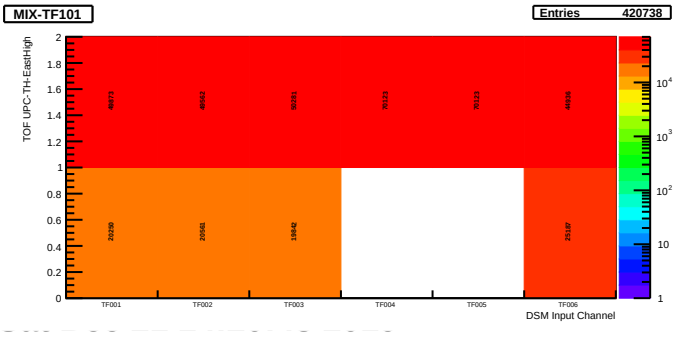

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

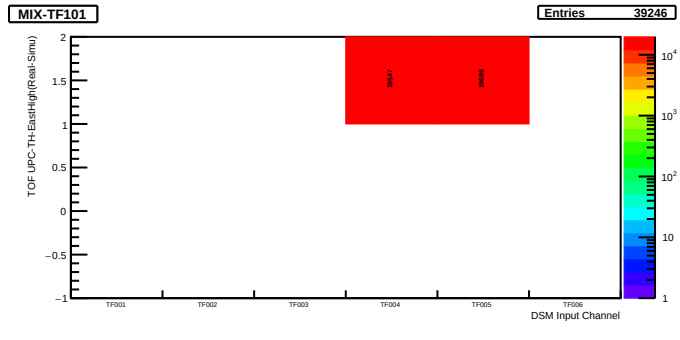

MIX-TF101
Entries 420738
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

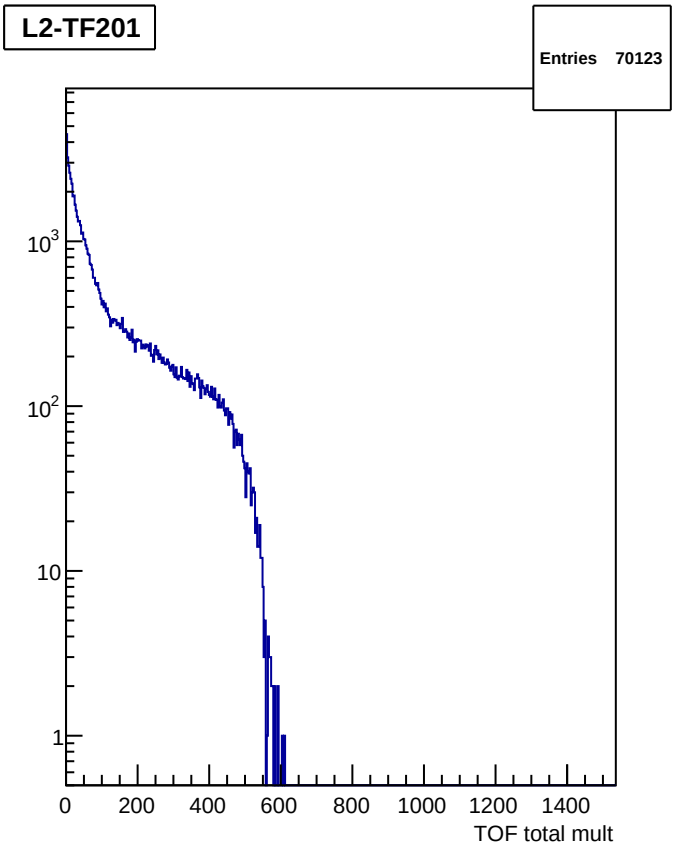

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

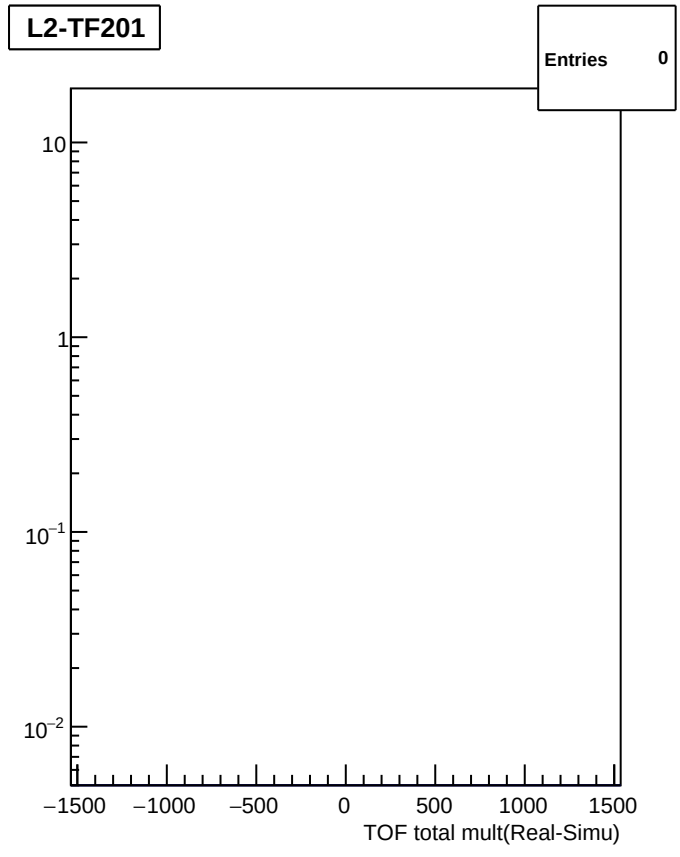

MIX-TF101
Entries 420738
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

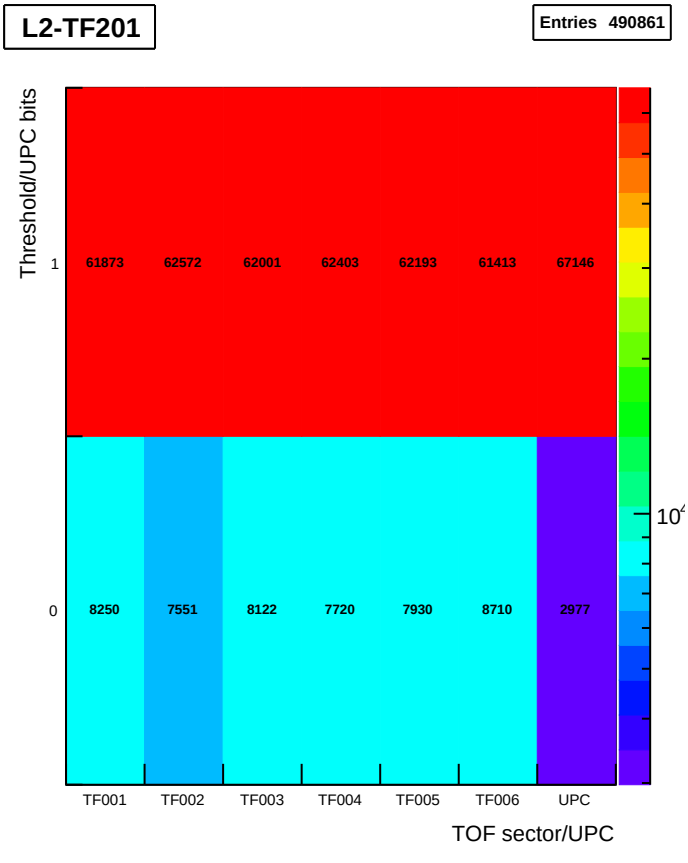

MIX-TF101
Entries 19586
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

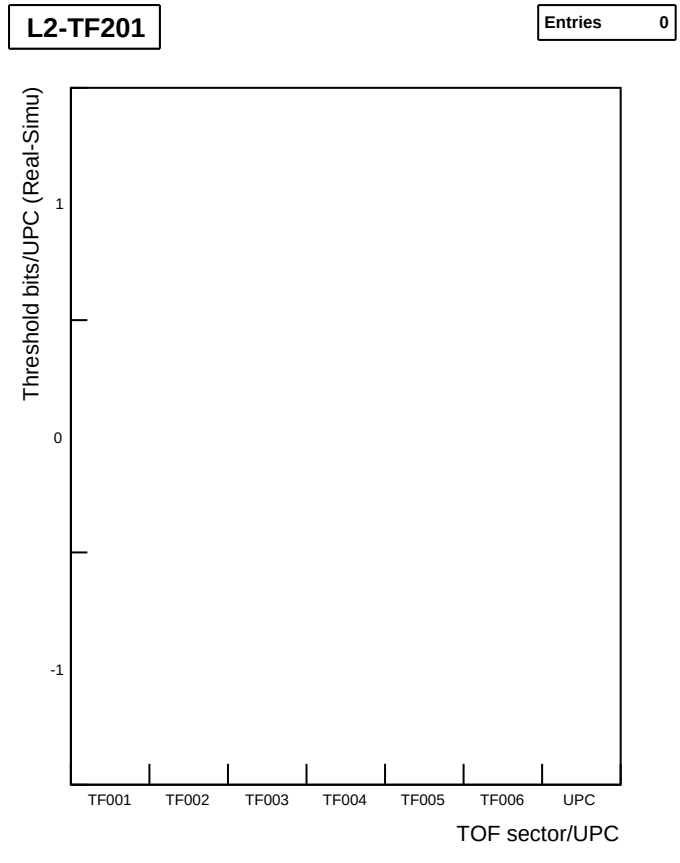

MIX-TF101
Entries 420738
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

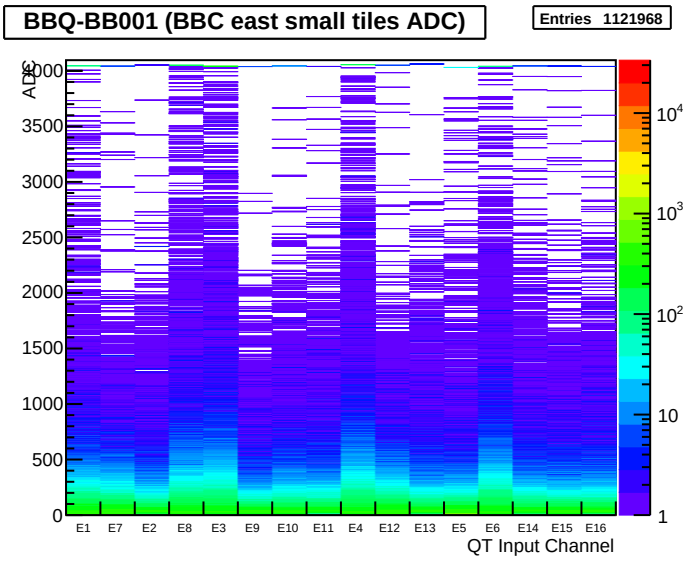

MIX-TF101
Entries 39246
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

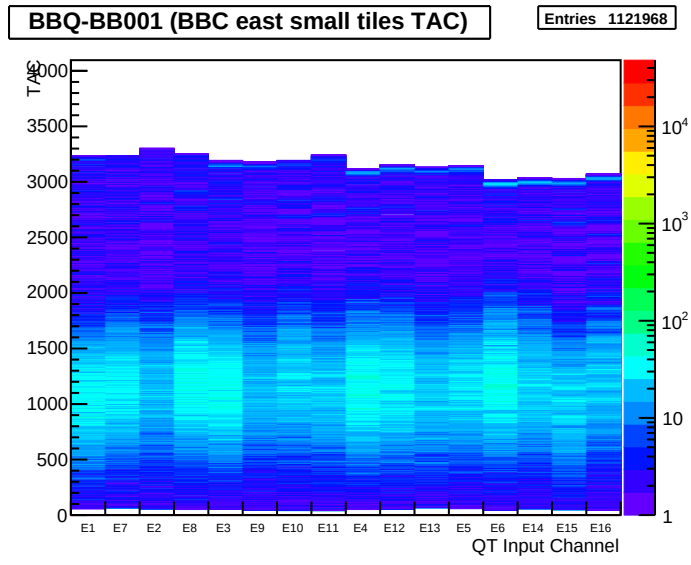

L2-TF201
Entries 70123
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

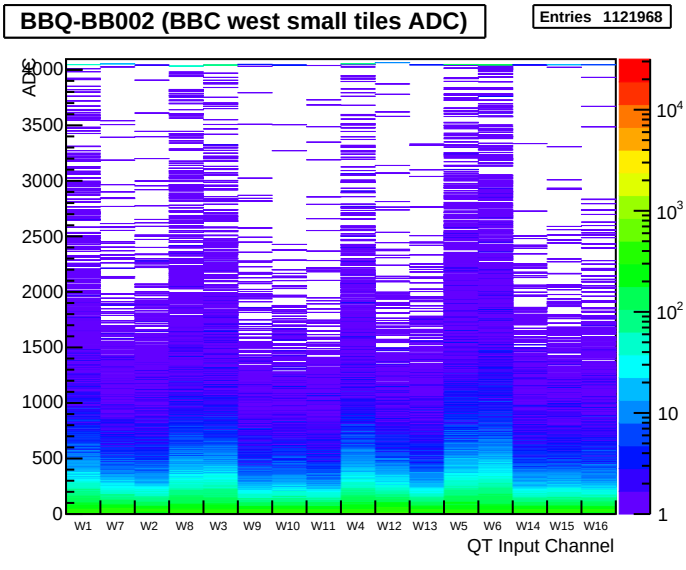

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

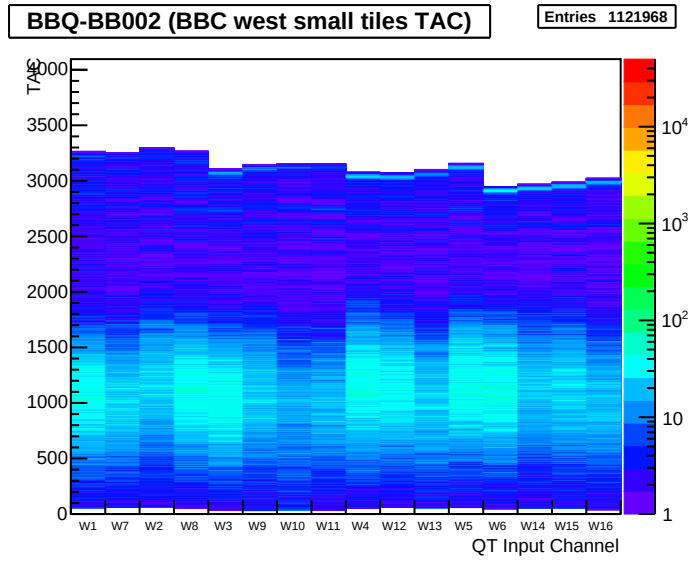

L2-TF201
Entries 490861
Threshold/UPC bits
1
0
61873
62572
62001
62403
62193
61413
67146
8250
7551
8122
7720
7930
8710
2977
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

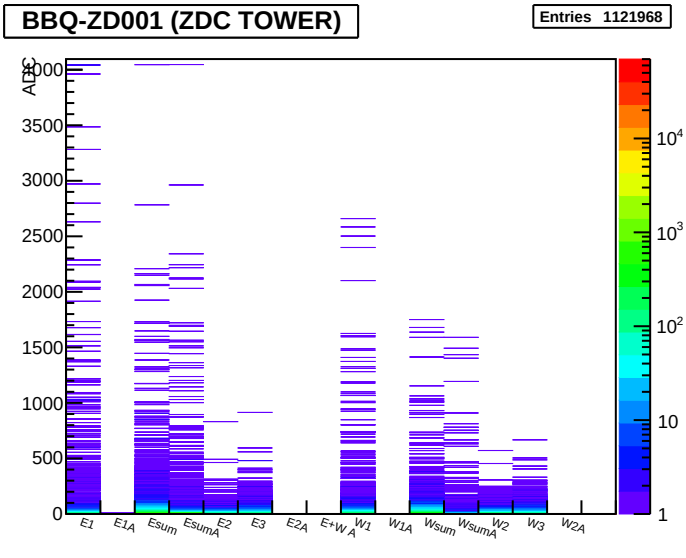

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

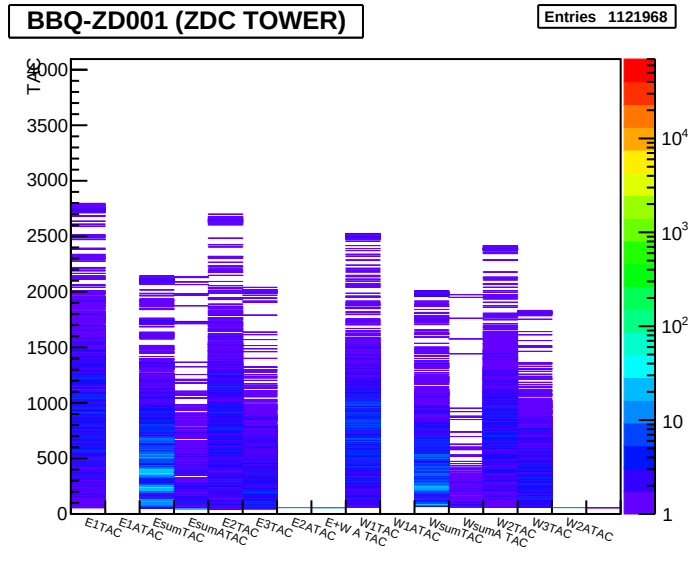

BBQ-BB001 (BBC east small tiles ADC)
Entries 1121968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

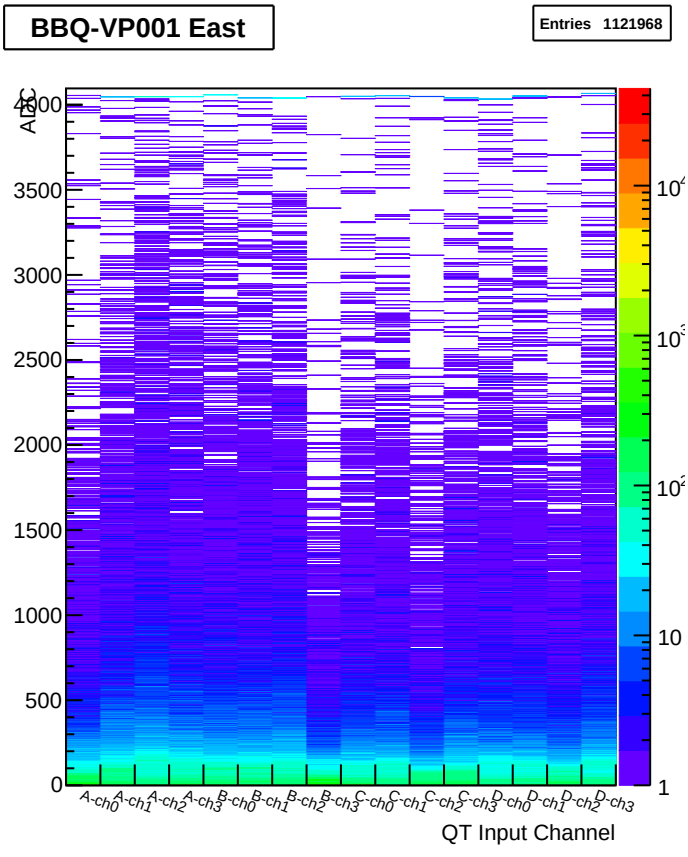

BBQ-BB001 (BBC east small tiles TAC)
Entries 1121968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

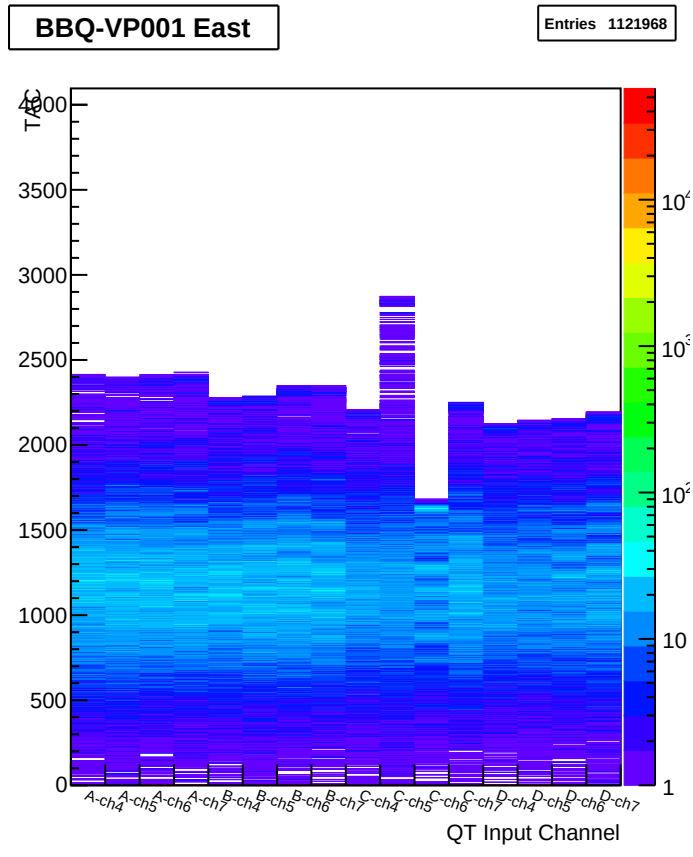

BBQ-BB002 (BBC west small tiles ADC)
Entries 1121968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

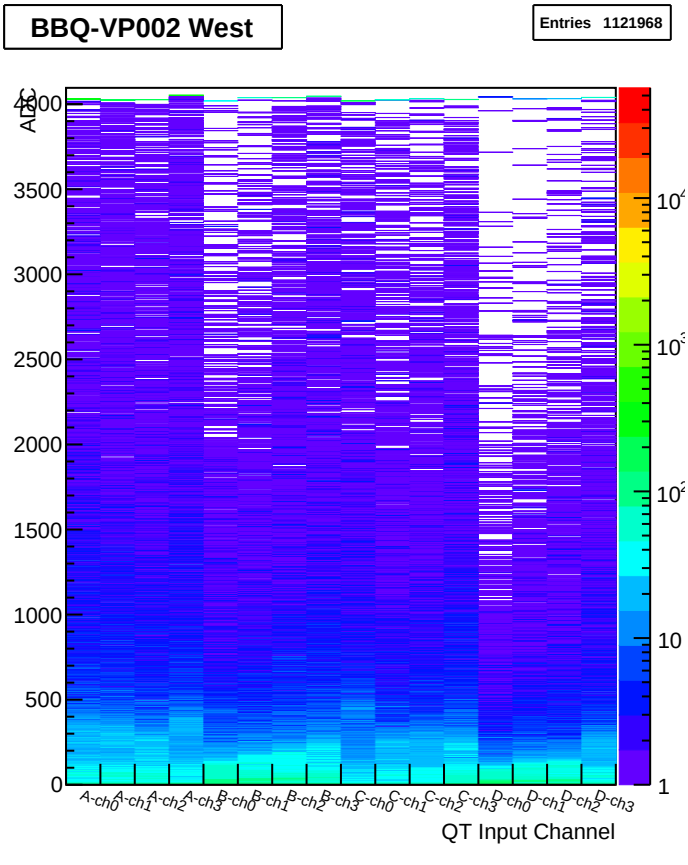

BBQ-BB002 (BBC west small tiles TAC)
Entries 1121968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

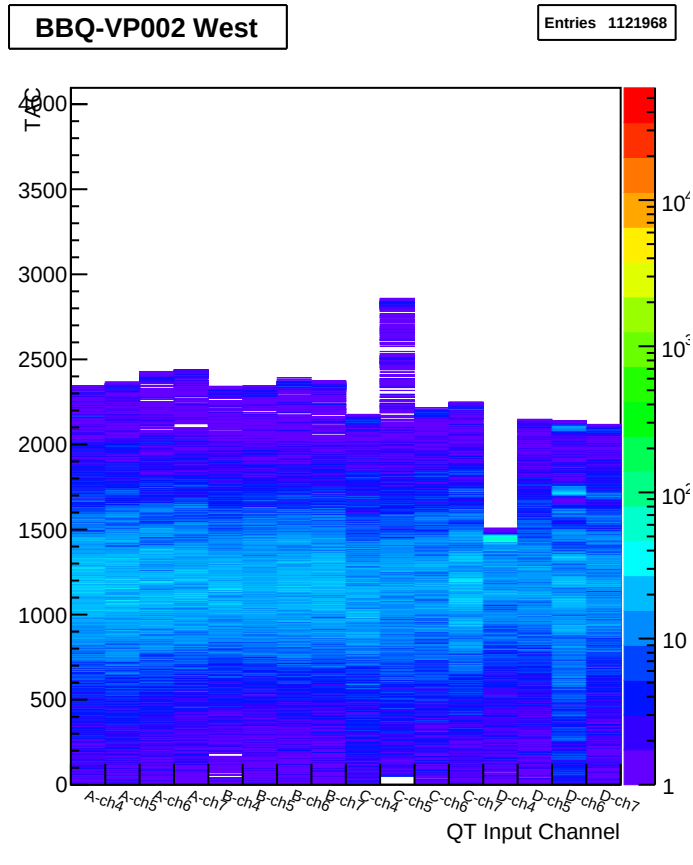

BBQ-ZD001 (ZDC TOWER)
Entries 1121968
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

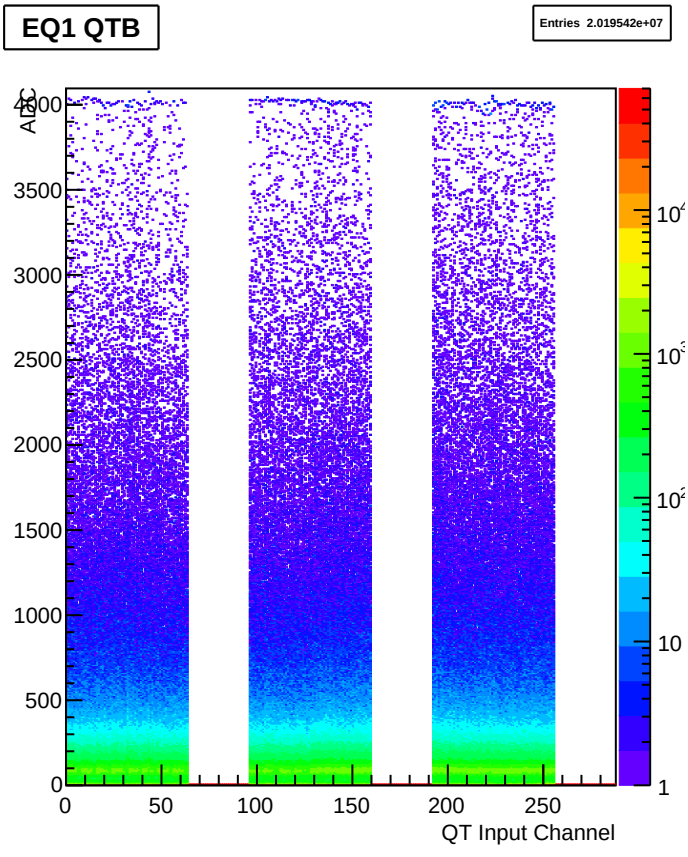

BBQ-ZD001 (ZDC TOWER)
Entries 1121968
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

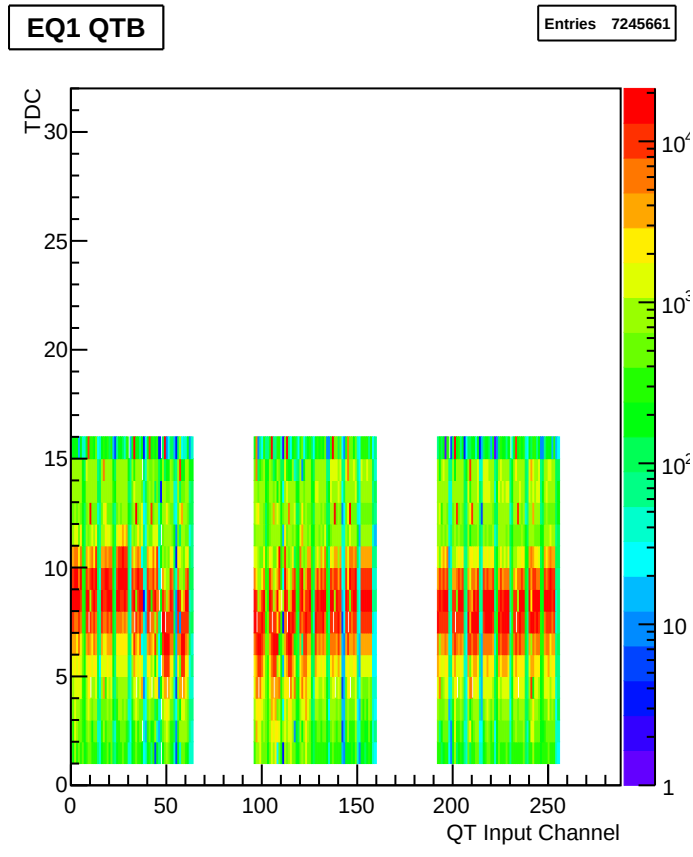

BBQ-VP001 East
Entries 1121968
ADC
QT Input Channel

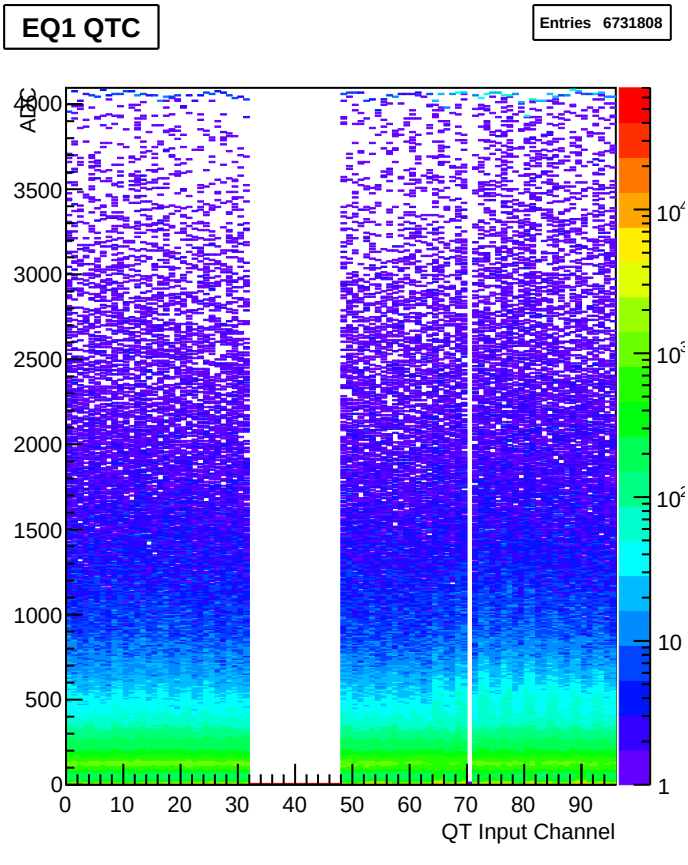

BBQ-VP001 East
Entries 1121968
TADC
QT Input Channel

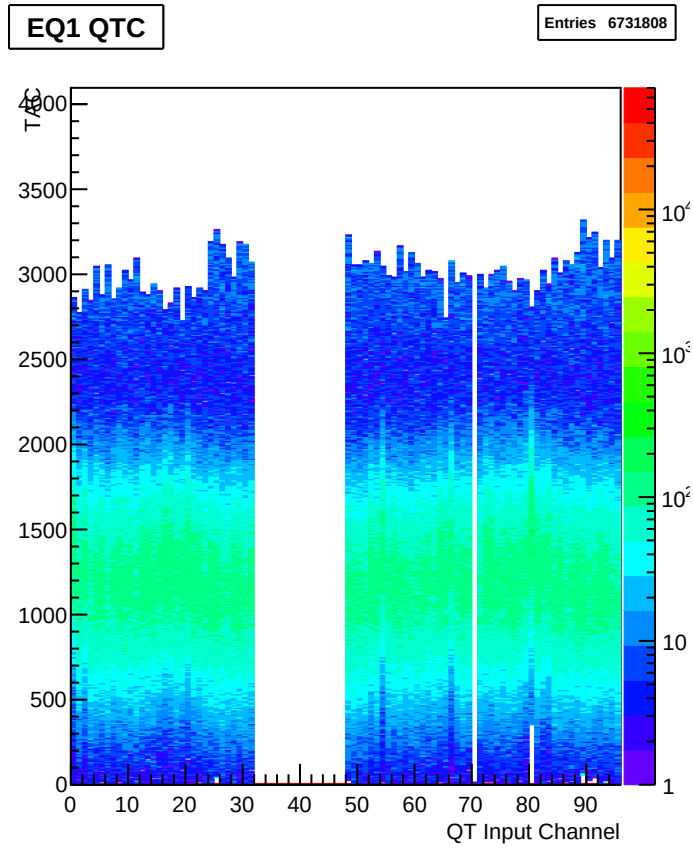

BBQ-VP002 West
Entries 1121968
ADC
QT Input Channel

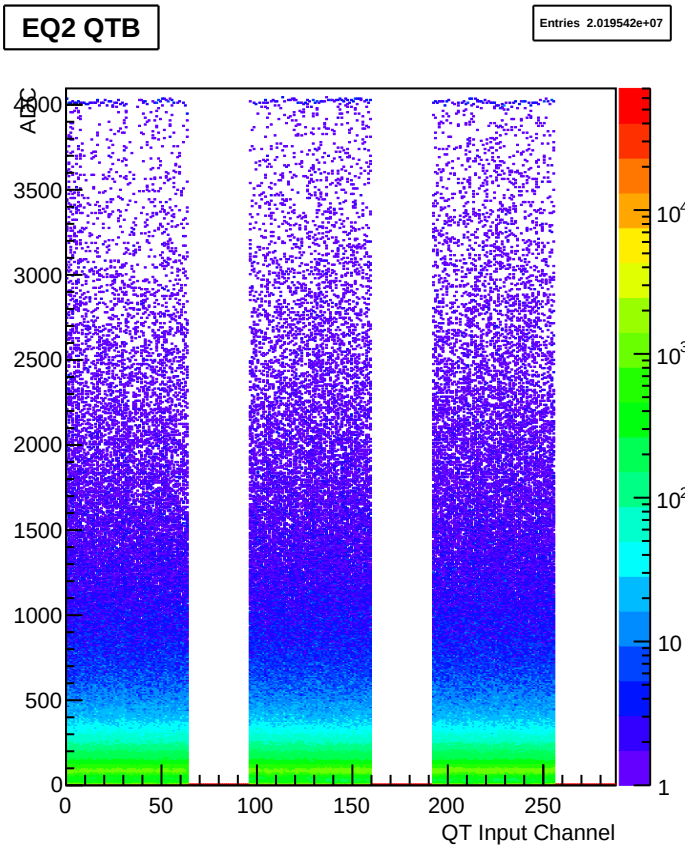

BBQ-VP002 West
Entries 1121968
TADC
QT Input Channel

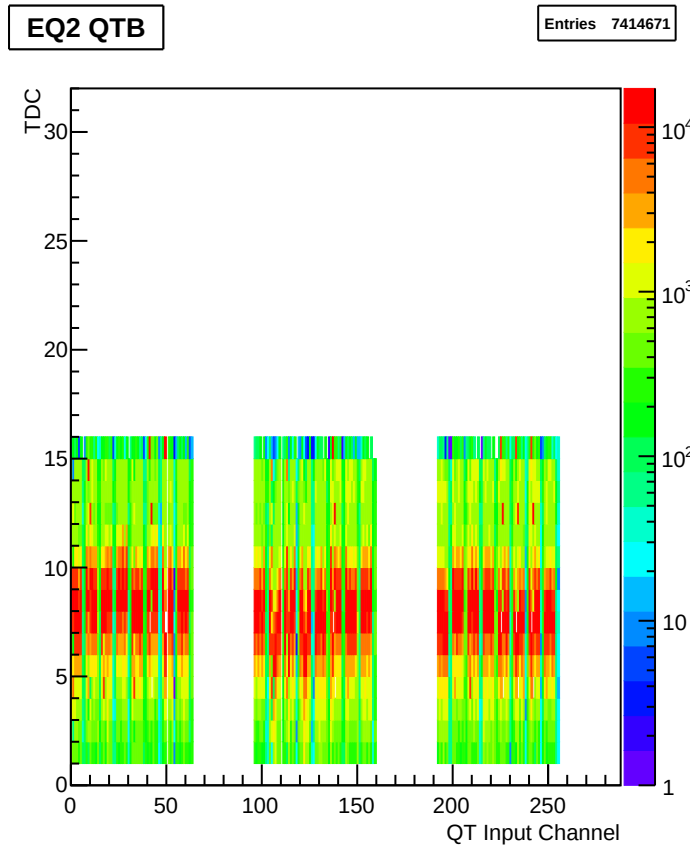

EQ1 QTB
Entries 2.019542e+07
ADC
QT Input Channel

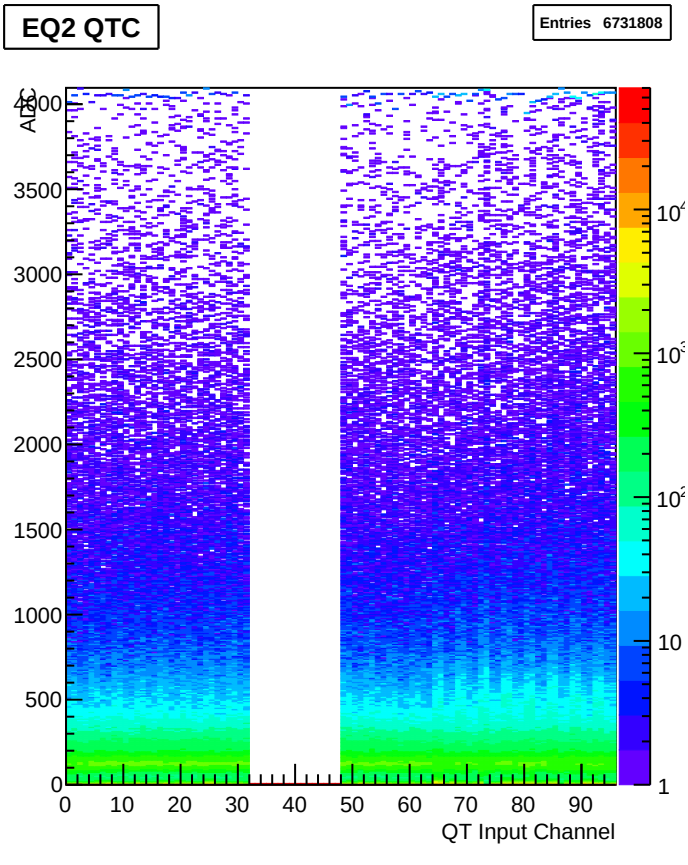

EQ1 QTB
Entries 7245661
TDC
QT Input Channel

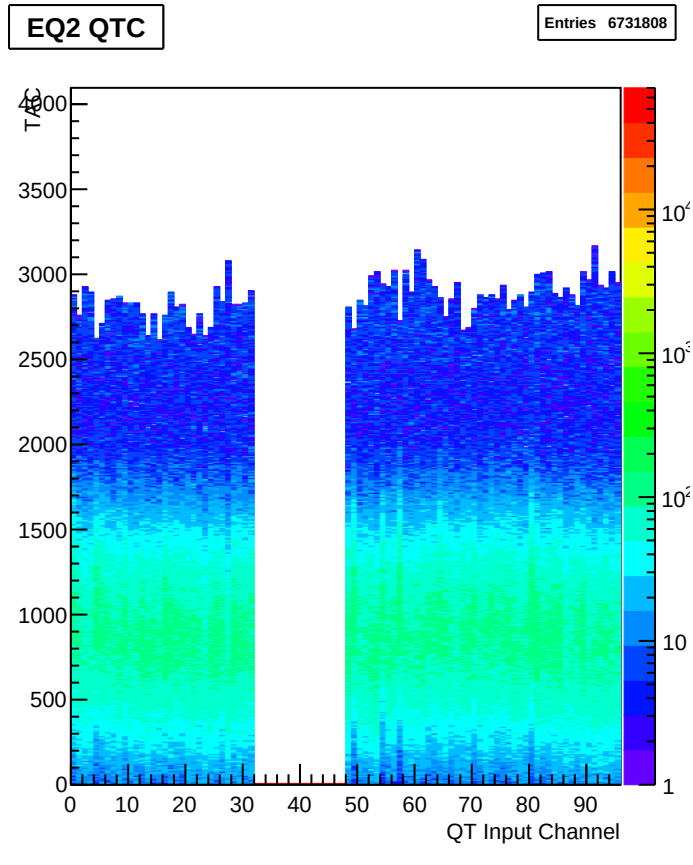

EQ1 QTC
Entries 6731808
ADC
QT Input Channel

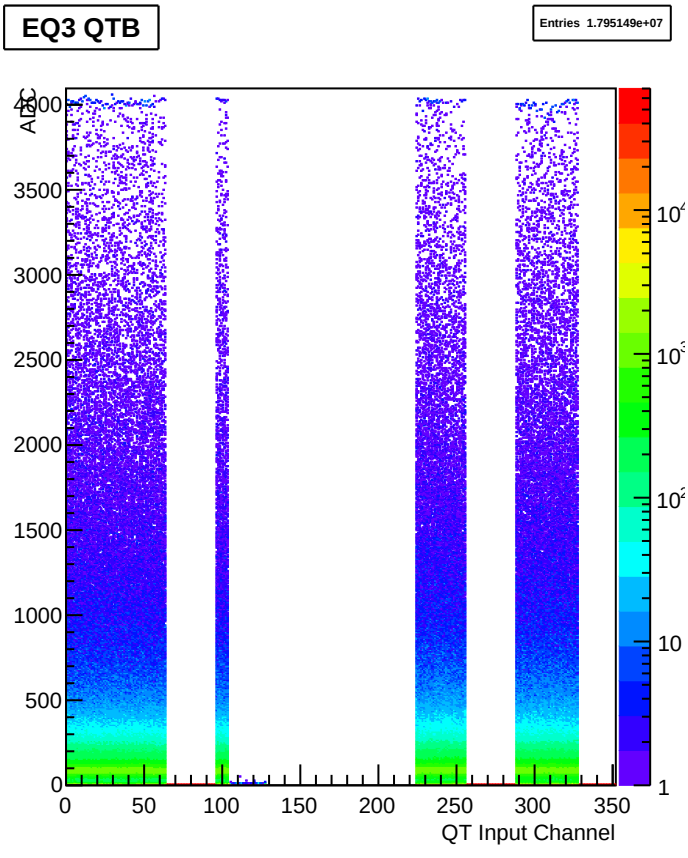

EQ1 QTC
Entries 6731808
TADC
QT Input Channel

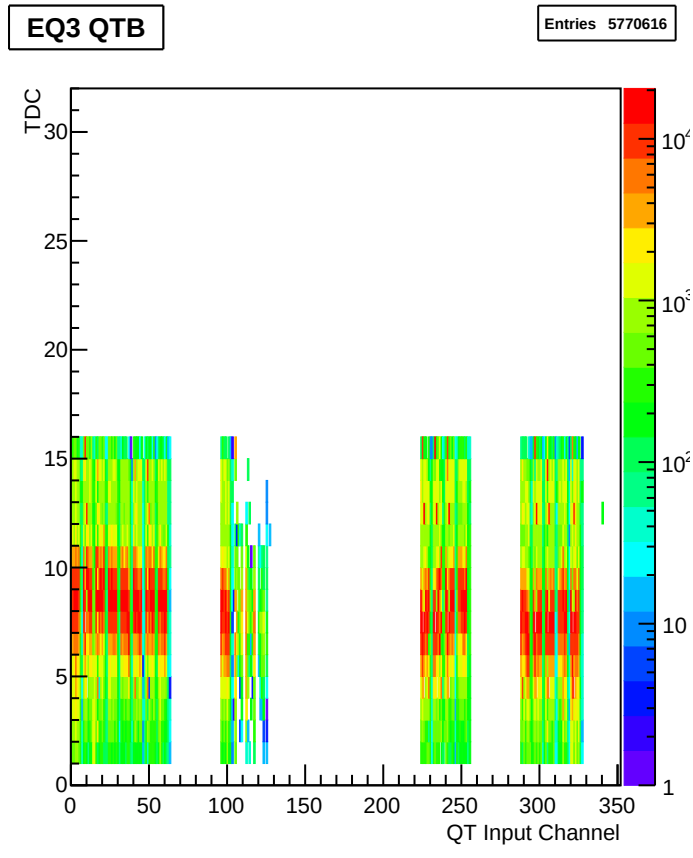

EQ2 QTB
Entries 2.019542e+07
ADC
QT Input Channel

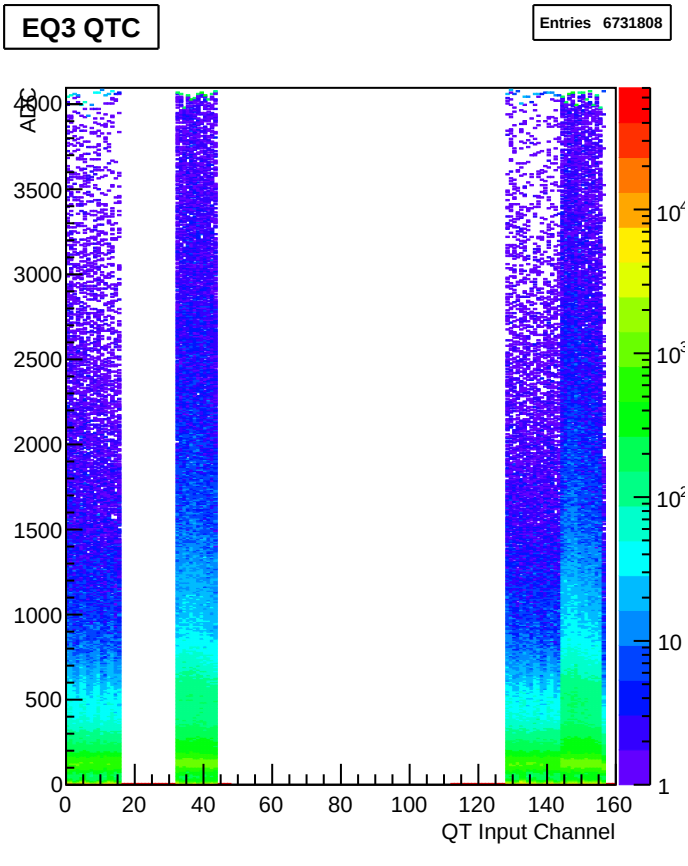

EQ2 QTB
Entries 7414671
TDC
QT Input Channel

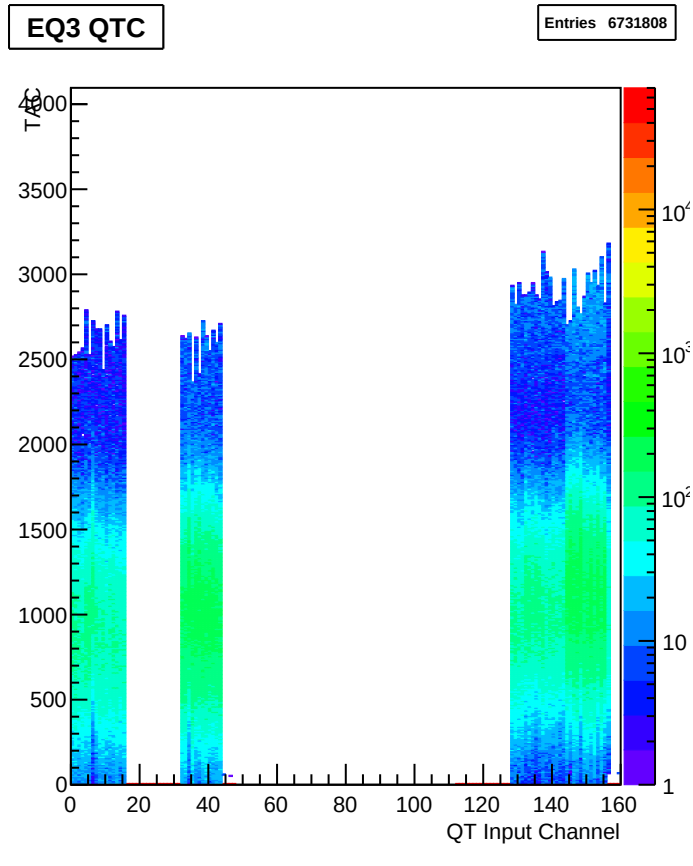

EQ2 QTC
Entries 6731808
ADC
QT Input Channel

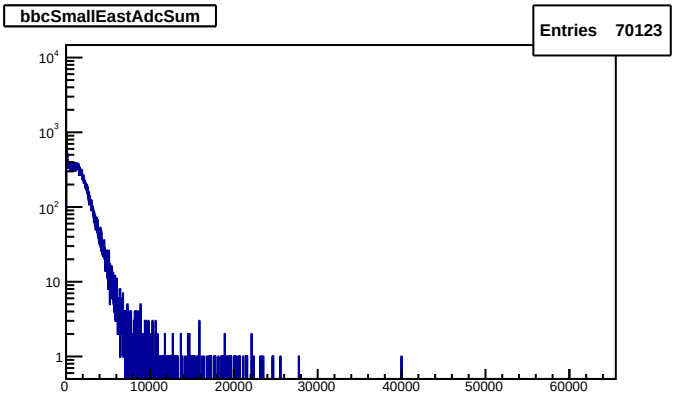

EQ2 QTC
Entries 6731808
TADC
QT Input Channel

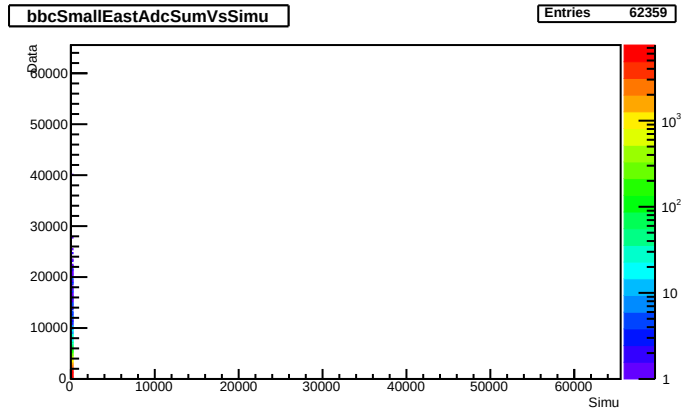

EQ3 QTB
Entries 1.795149e+07
ADC
QT Input Channel

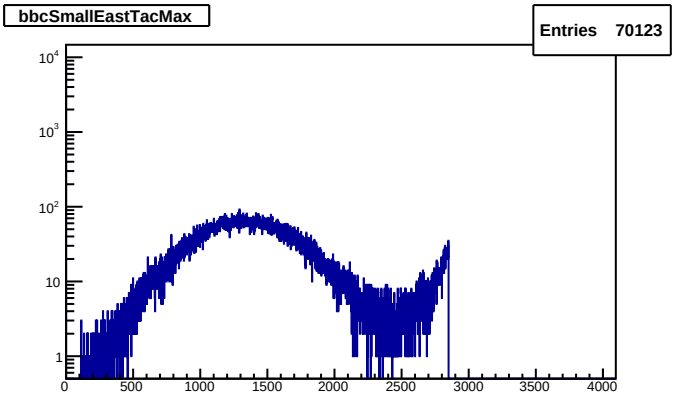

EQ3 QTB
Entries 5770616
TDC
QT Input Channel

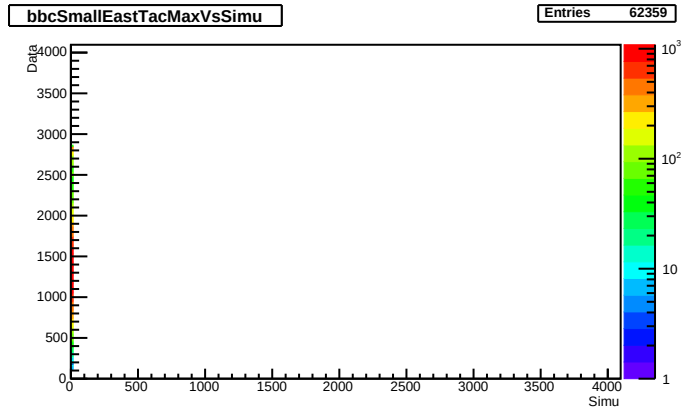

EQ3 QTC
Entries 6731808
ADC
QT Input Channel

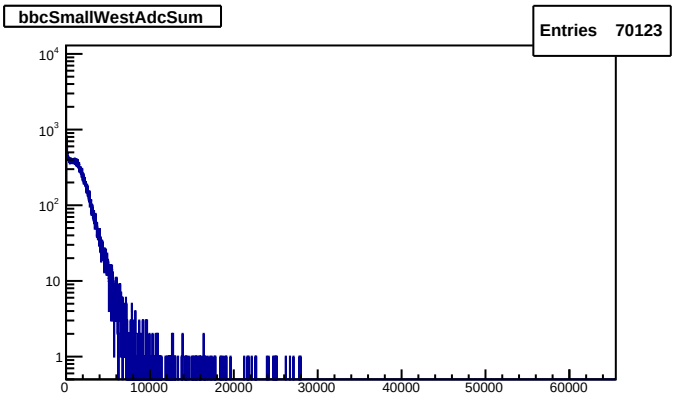

EQ3 QTC
Entries 6731808
TADC
QT Input Channel

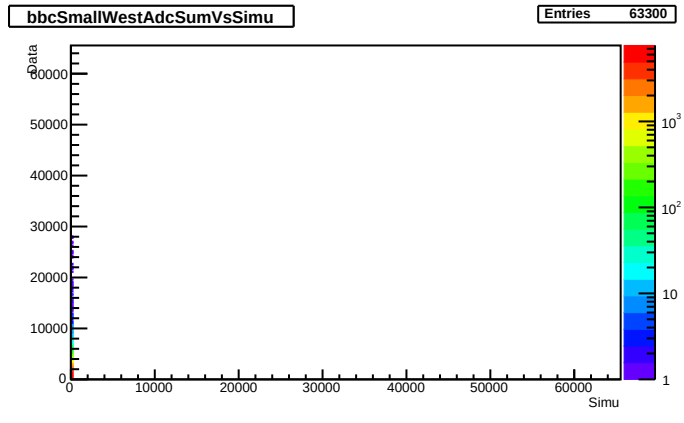

bbcSmallEastAdcSum
Entries 70123

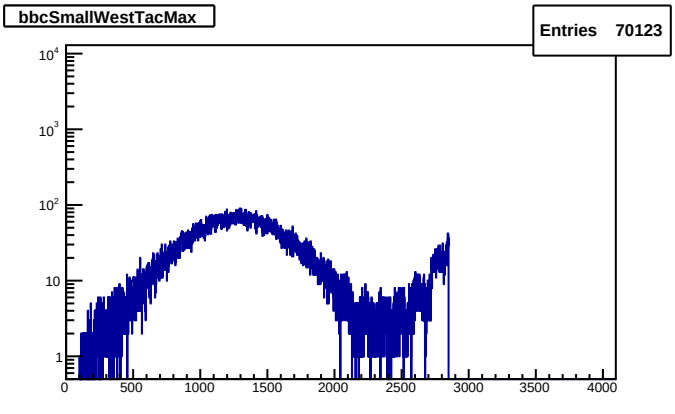

bbcSmallEastAdcSumVsSimu
Entries 62359
Data
Simu

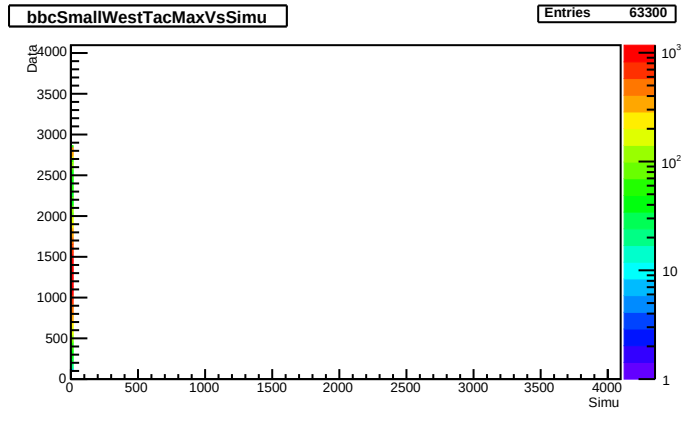

bbcSmallEastTacMax
Entries 70123

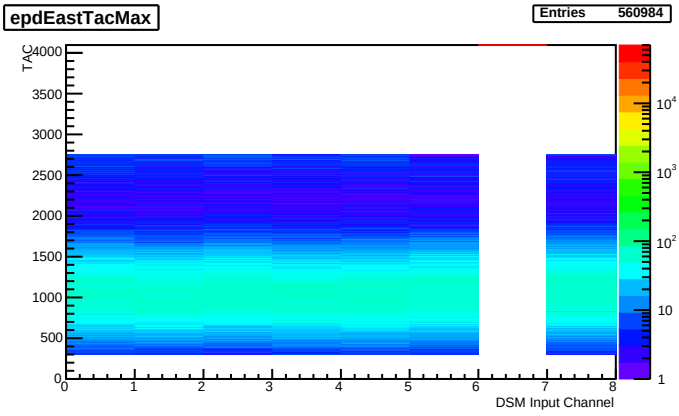

bbcSmallEastTacMaxVsSimu
Entries 62359
Data
Simu

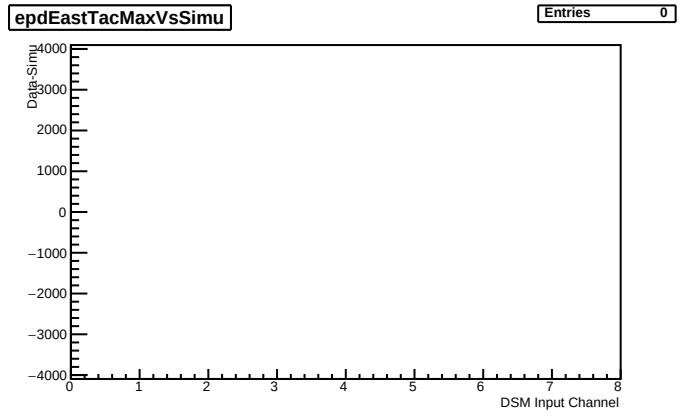

bbcSmallWestAdcSum
Entries 70123

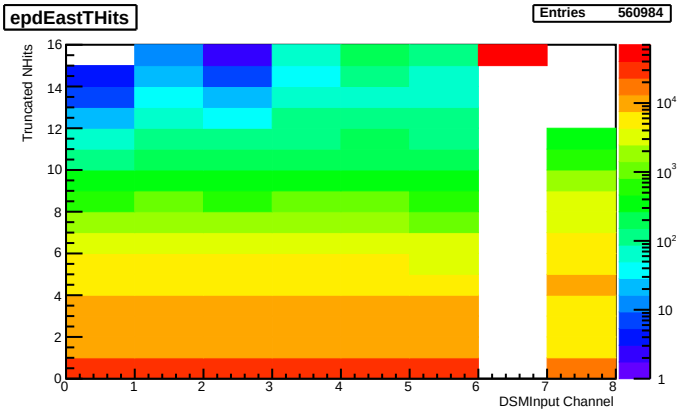

bbcSmallWestAdcSumVsSimu
Entries 63300
Data
Simu

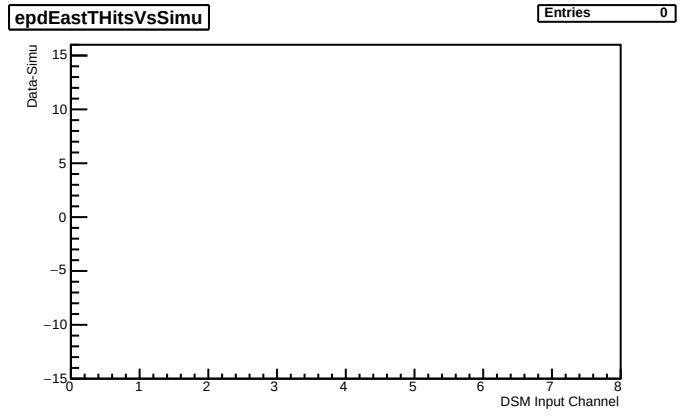

bbcSmallWestTacMax
Entries 70123

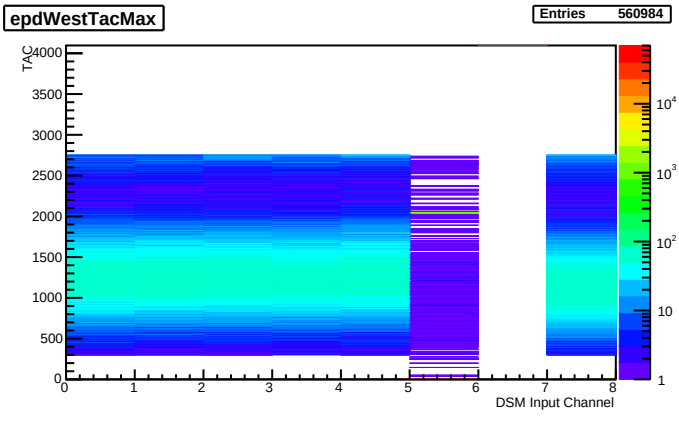

bbcSmallWestTacMaxVsSimu
Entries 63300
Data
Simu

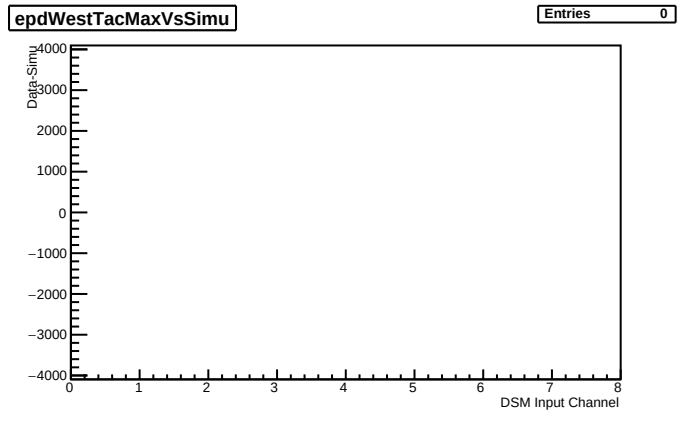

epdEastTacMax
Entries 560984
TAC
DSM Input Channel

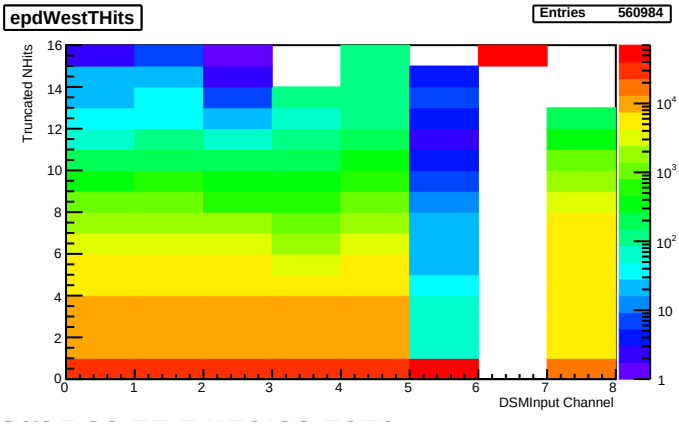

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

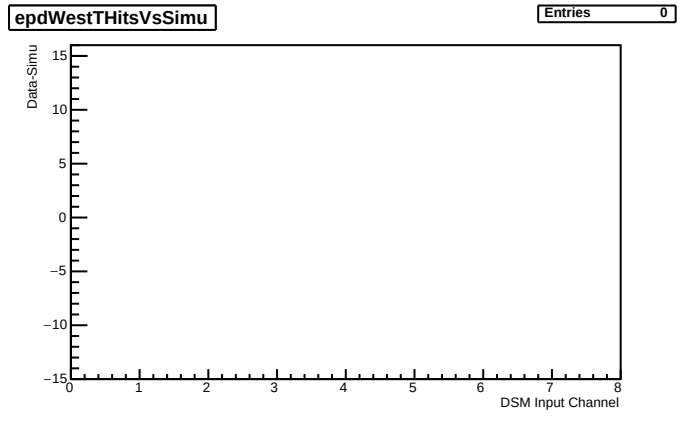

epdEastTHits
Entries 560984
Truncated NHits
DSMInput Channel

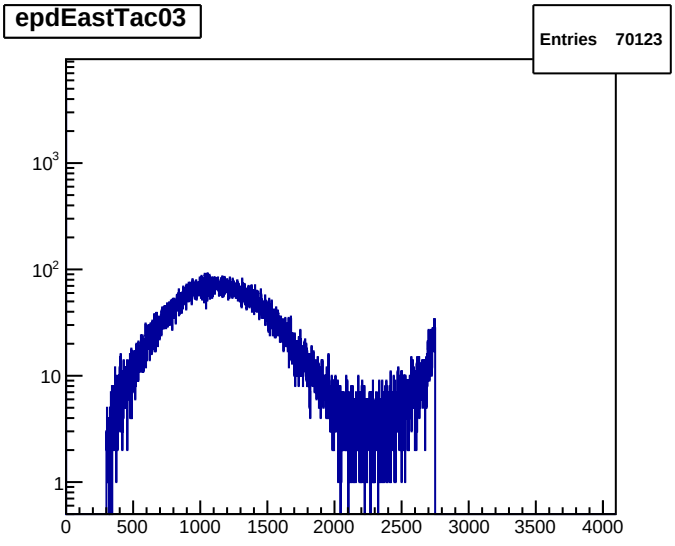

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

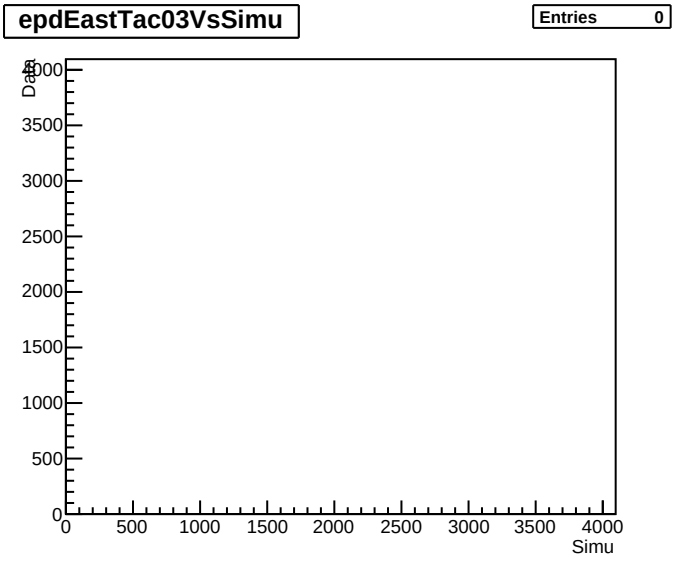

epdWestTacMax
Entries 560984
TAC
DSM Input Channel

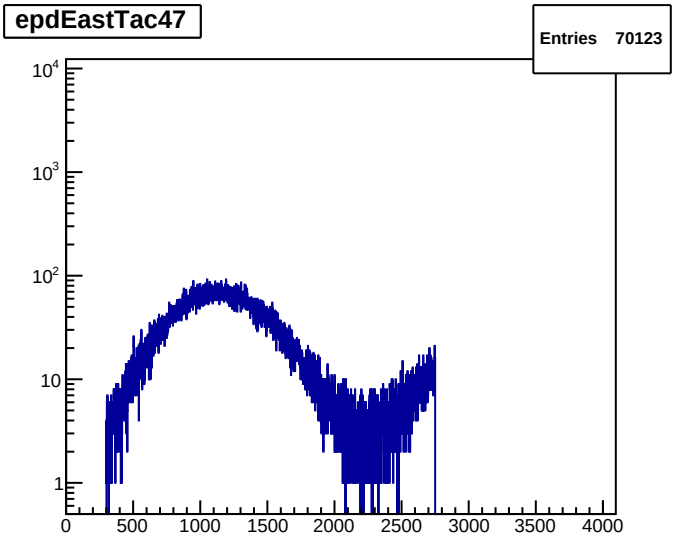

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

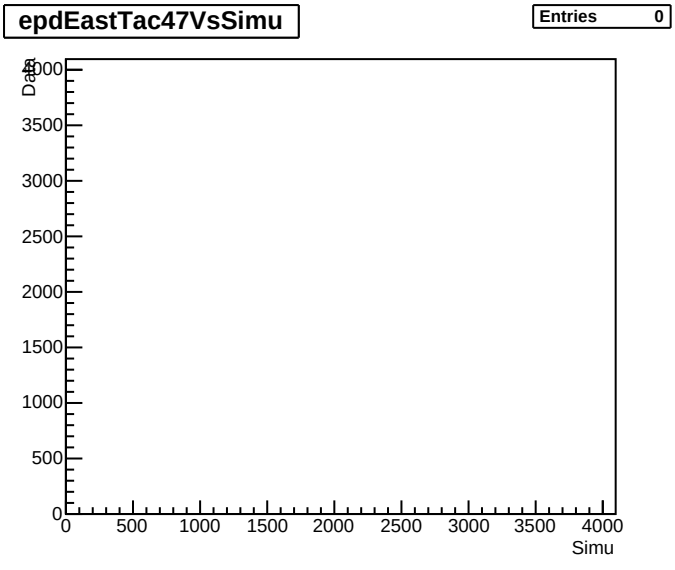

epdWestTHits
Entries 560984
Truncated NHits
DSMInput Channel

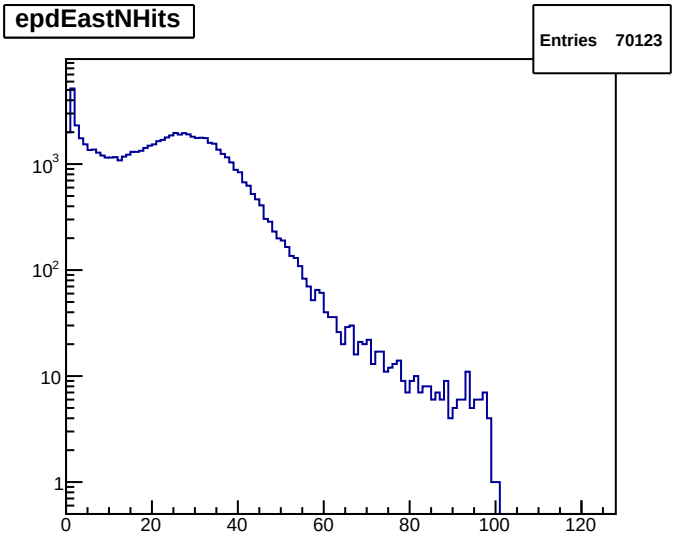

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

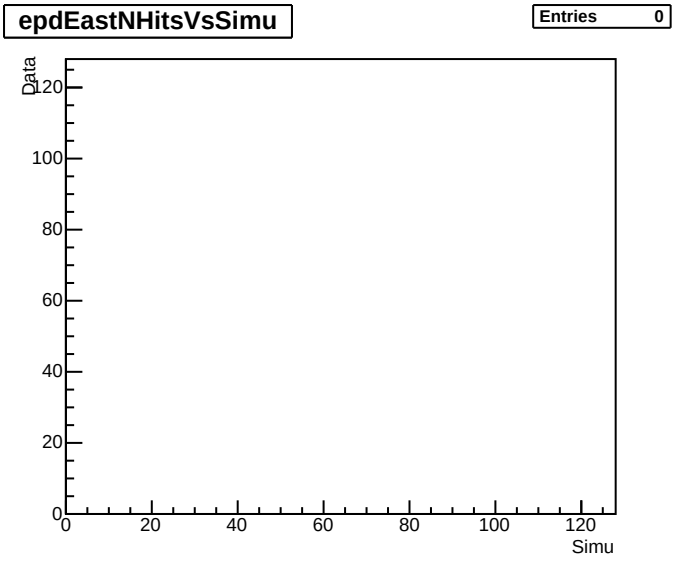

epdEastTac03
Entries 70123


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 70123


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 70123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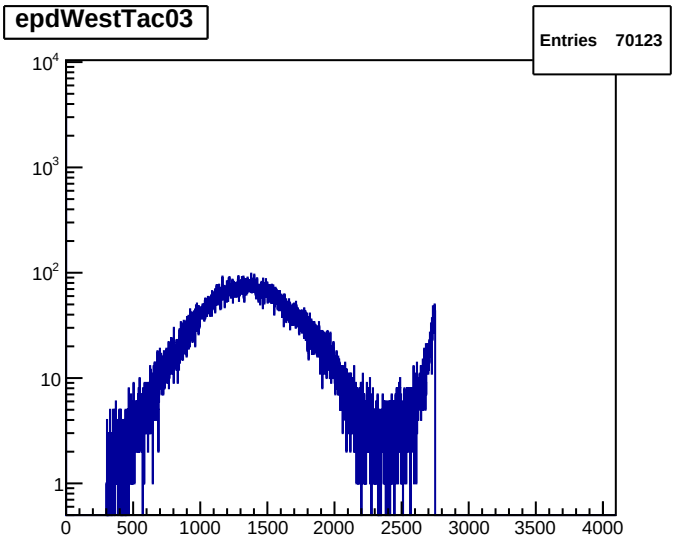
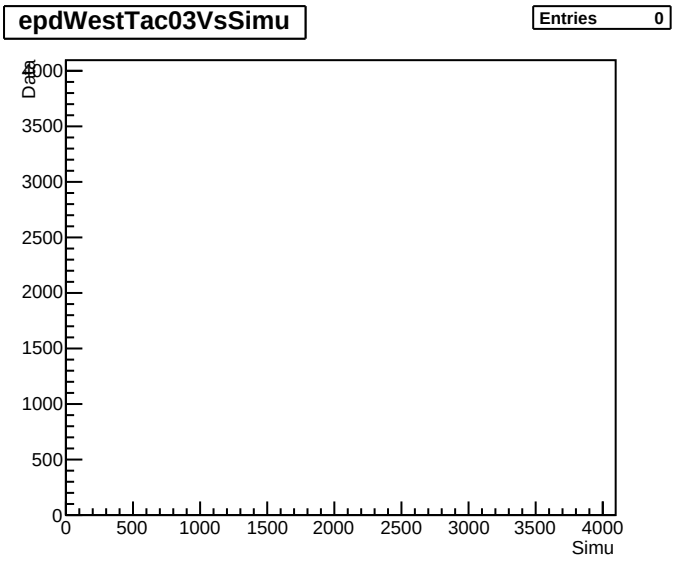
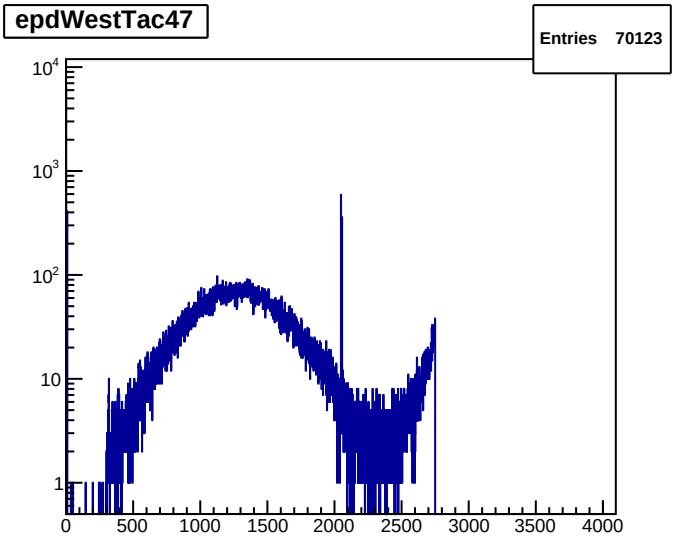
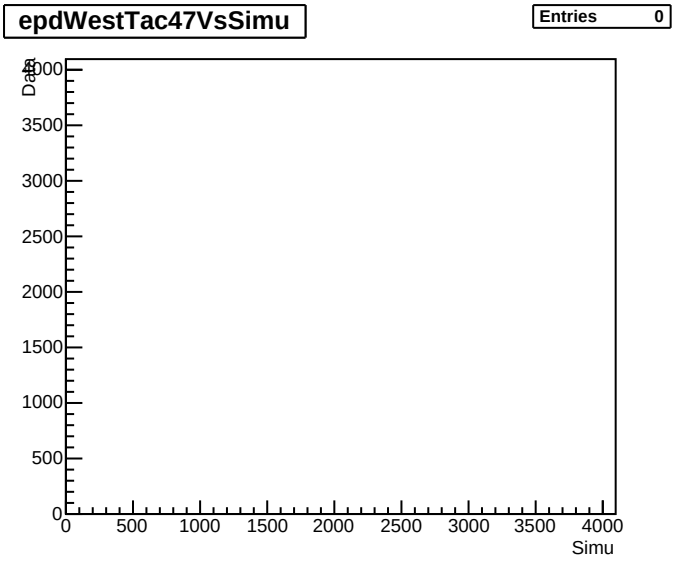
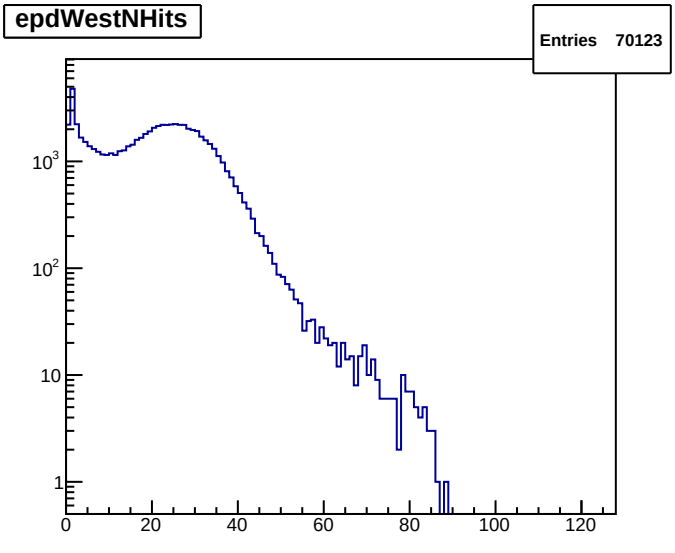
Entries 0
Data
Simu

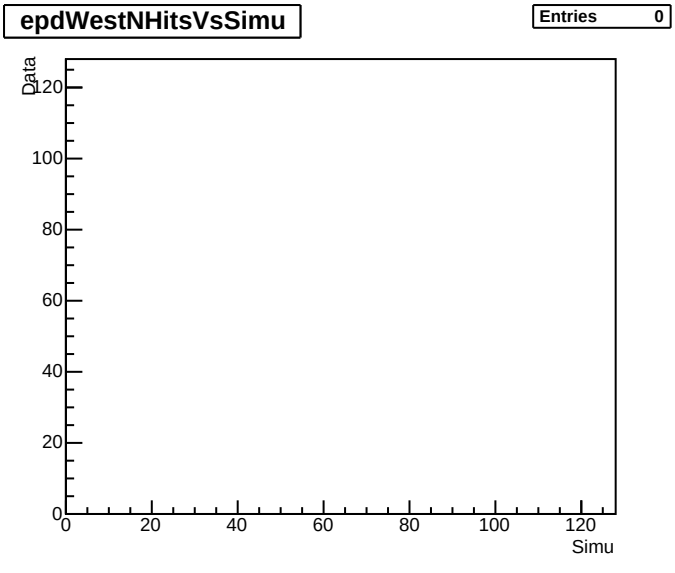

epdWestTac03
Entries 70123

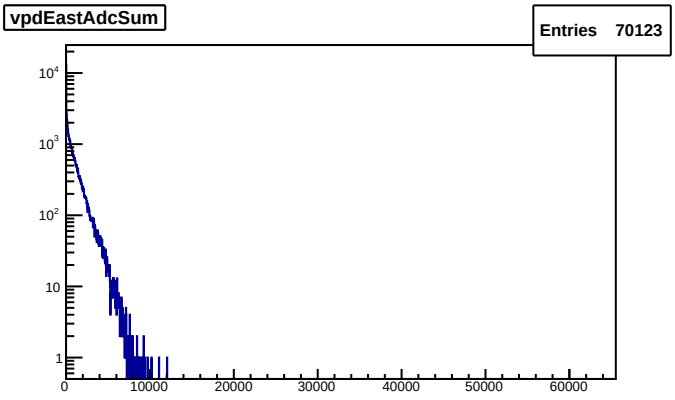

epdWestTac03VsSimu
Entries 0
Data
Simu

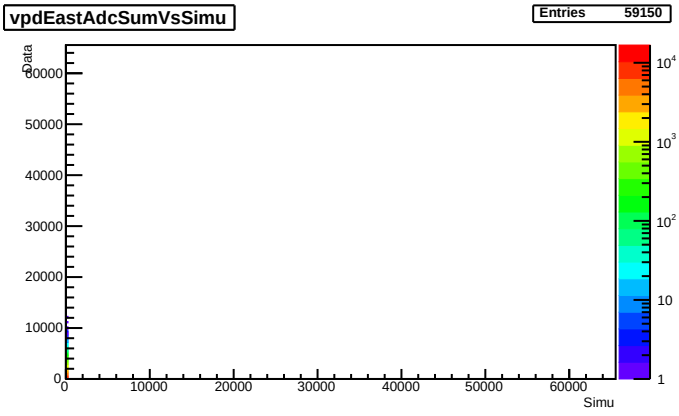

epdWestTac47
Entries 70123

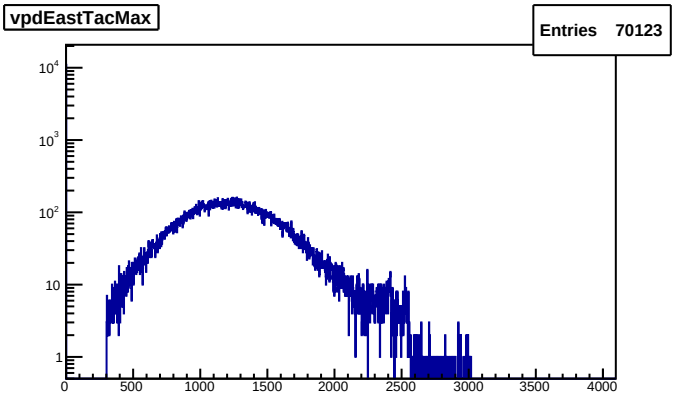

epdWestTac47VsSimu
Entries 0
Data
Simu

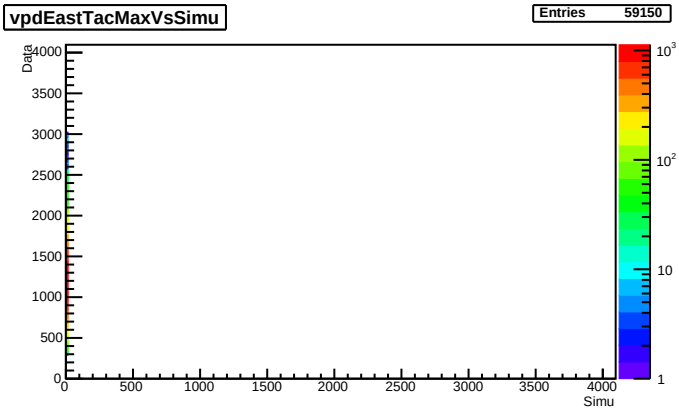

epdWestNHits
Entries 70123

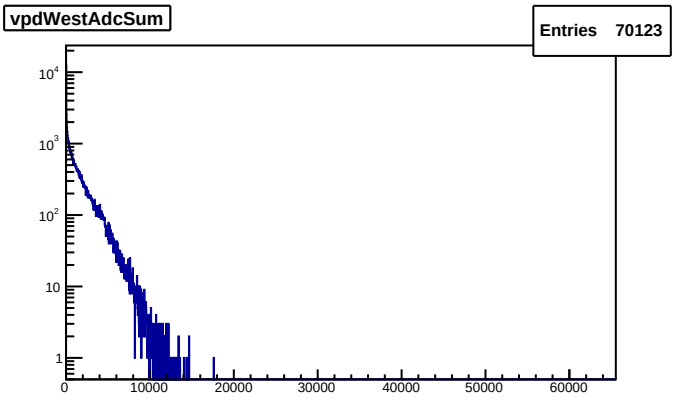

epdWestNHitsVsSimu
Entries 0
Data
Simu

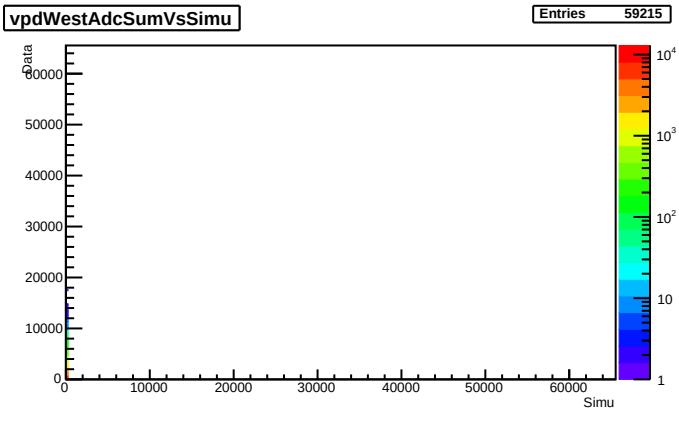

vpdEastAdcSum
Entries 70123

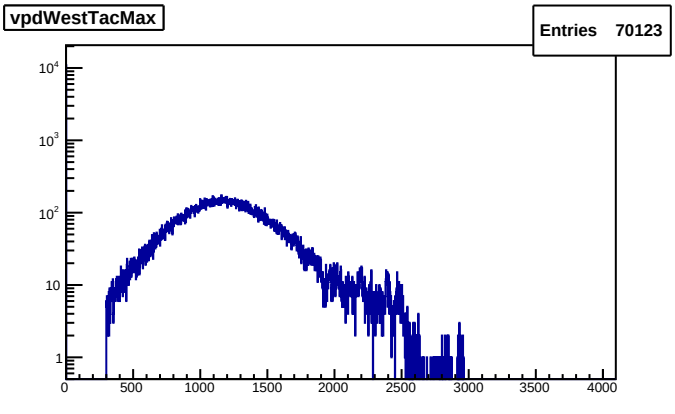

vpdEastAdcSumVsSimu
Entries 59150
Data
Simu

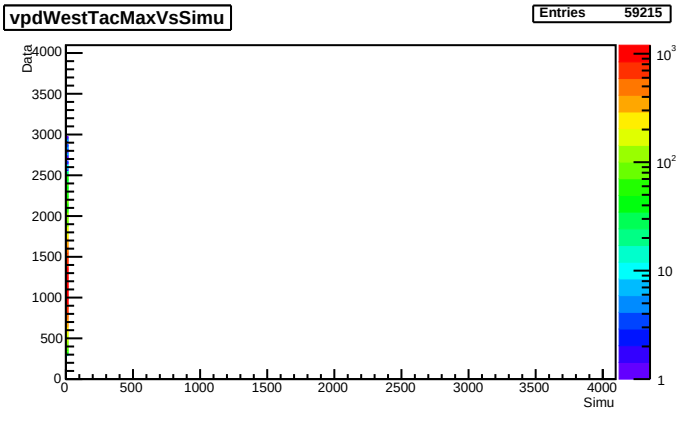

vpdEastTacMax
Entries 70123

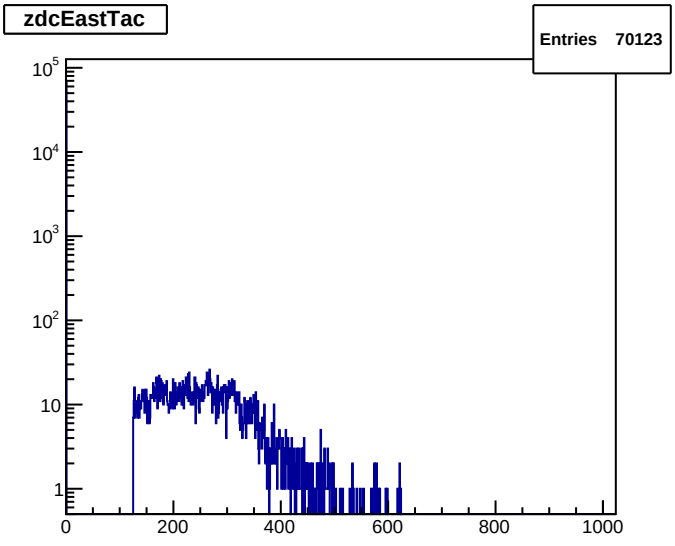

vpdEastTacMaxVsSimu
Entries 59150
Data
Simu

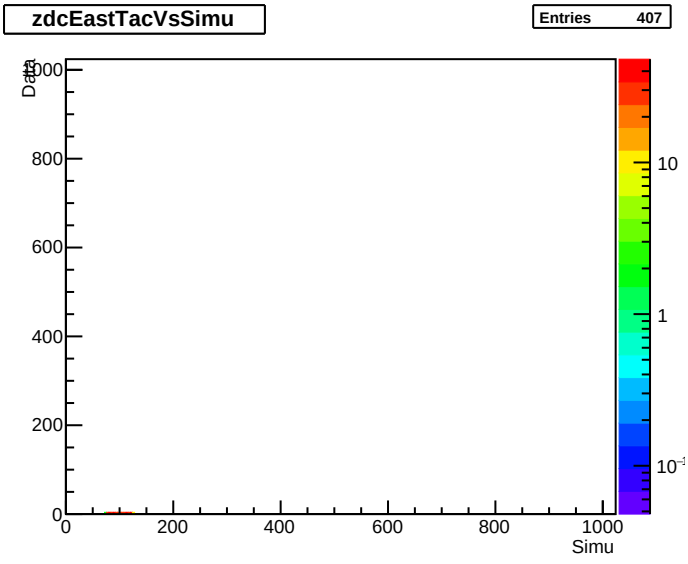

vpdWestAdcSum
Entries 70123

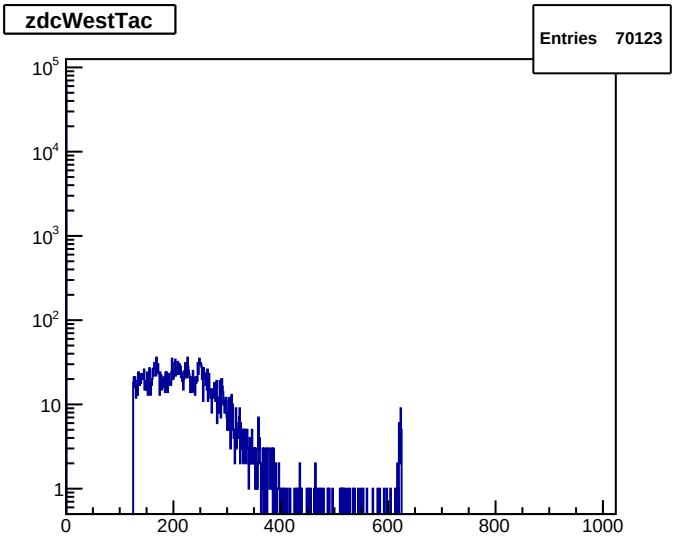

vpdWestAdcSumVsSimu
Entries 59215
Data
Simu

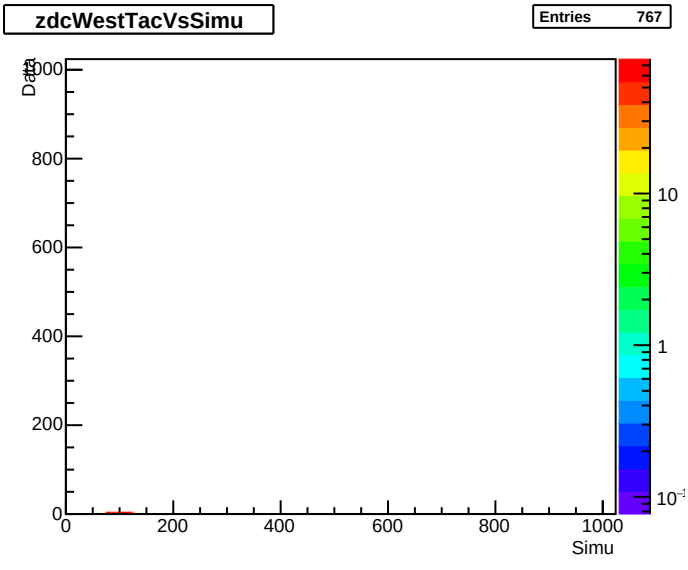

vpdWestTacMax
Entries 70123

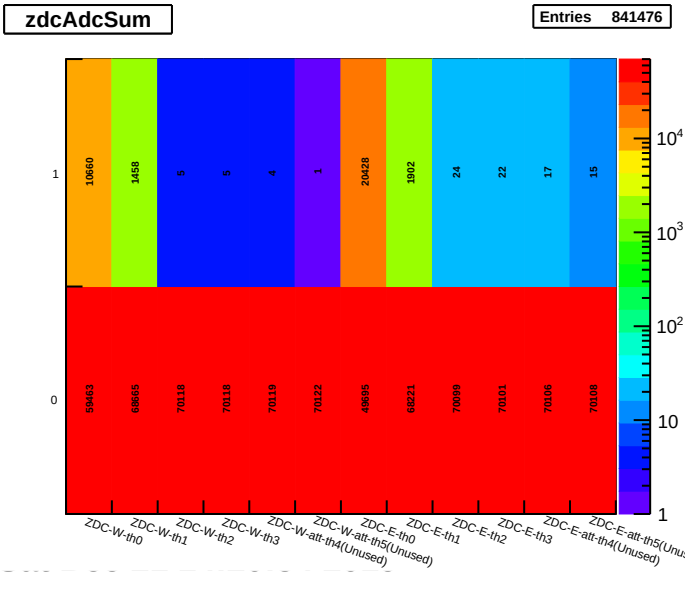

vpdWestTacMaxVsSimu
Entries 59215
Data
Simu

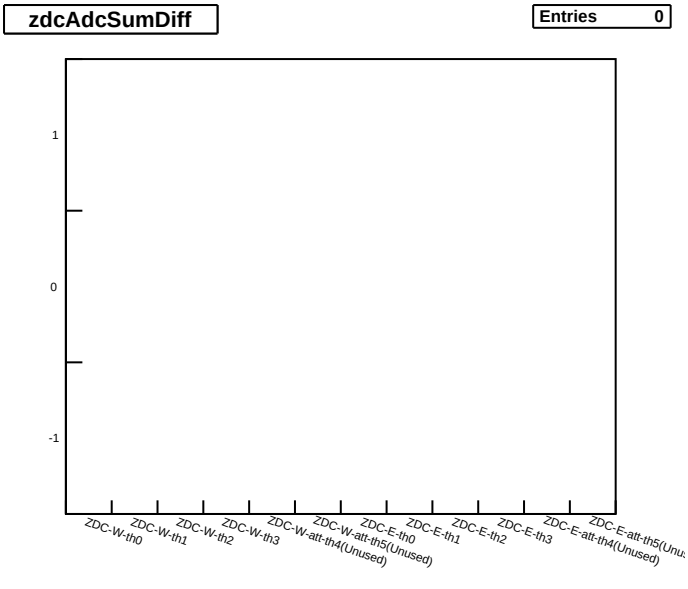

zdcEastTac
Entries 70123

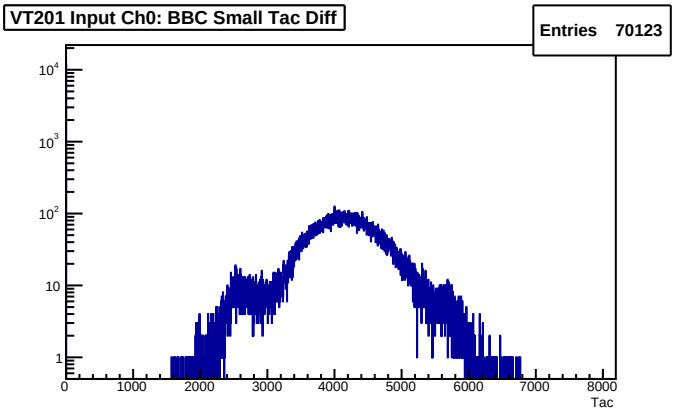

zdcEastTacVsSimu
Entries 407
Data
Simu

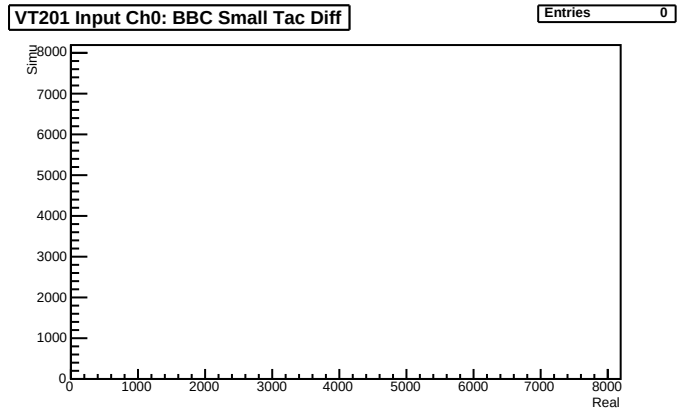

zdcWestTac
Entries 70123

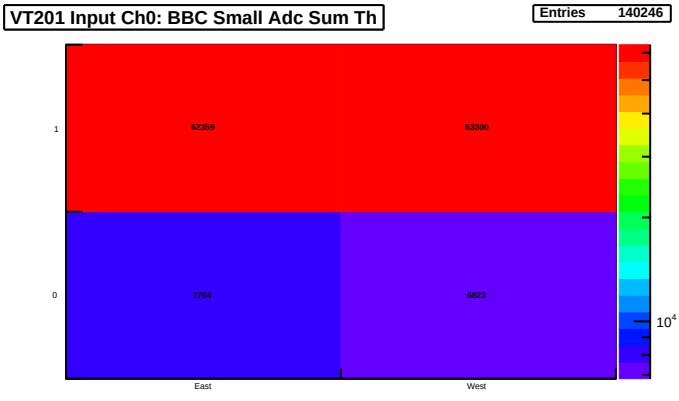

zdcWestTacVsSimu
Entries 767
Data
Simu

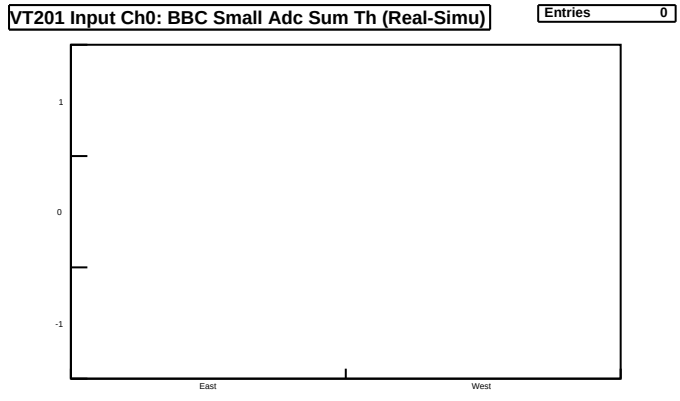

zdcAdcSum
Entries 841476
10660
1458
5
5
4
1
20428
1902
24
22
17
15
59463
68665
70118
70118
70119
70122
49695
68221
70099
70101
70106
70108
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

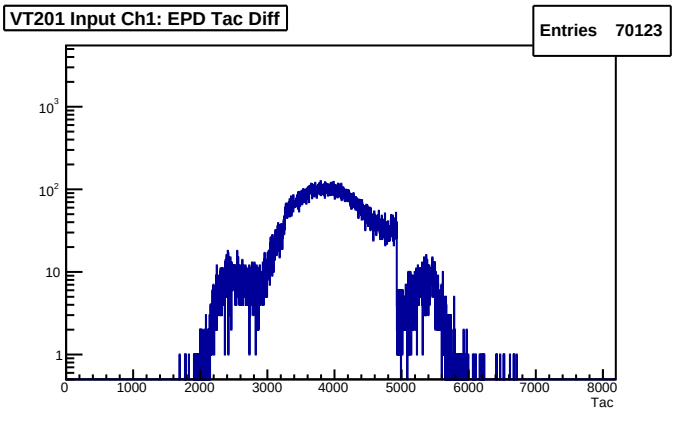

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

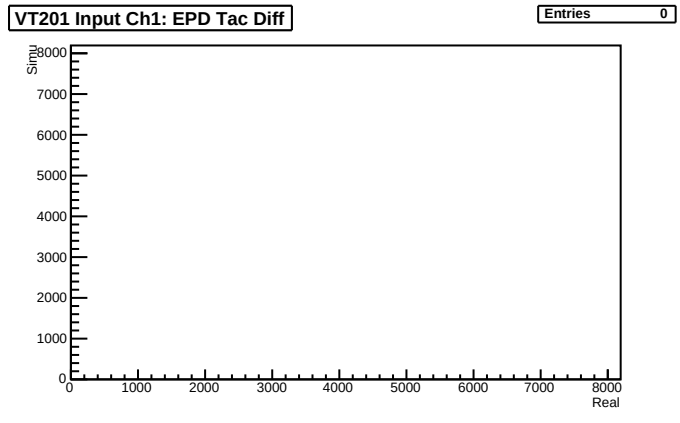

VT201 Input Ch0: BBC Small Tac Diff
Entries 70123
Tac

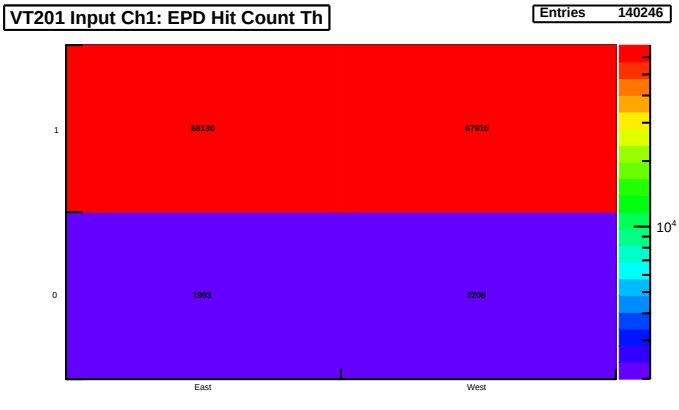

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

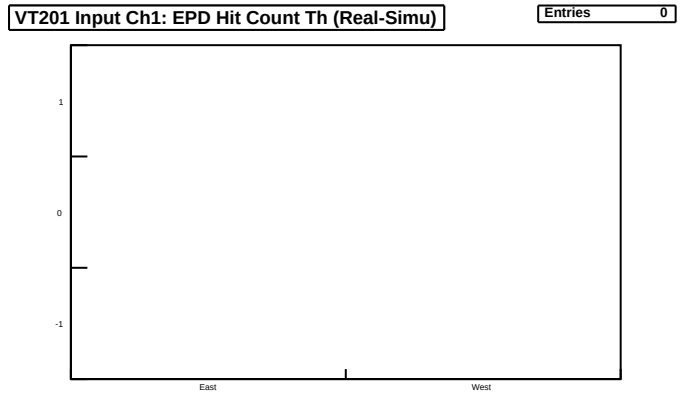

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 140246
62359
63300
7764
6823
East
West

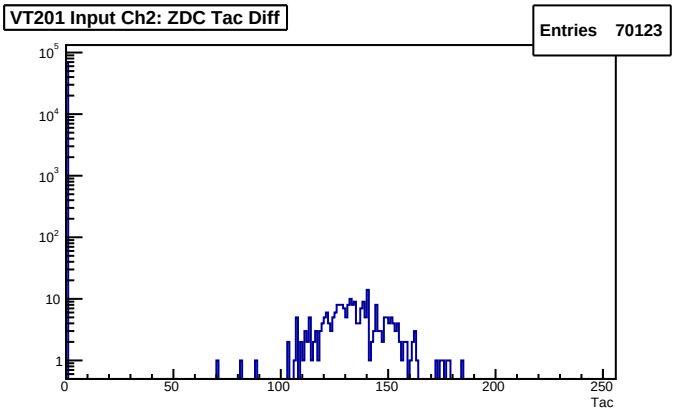

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

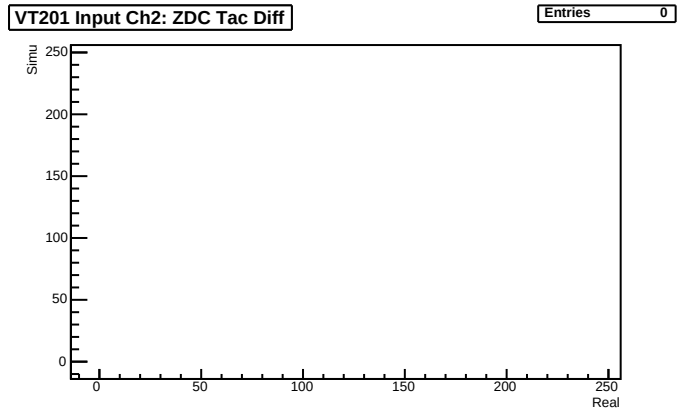

VT201 Input Ch1: EPD Tac Diff
Entries 70123
Tac

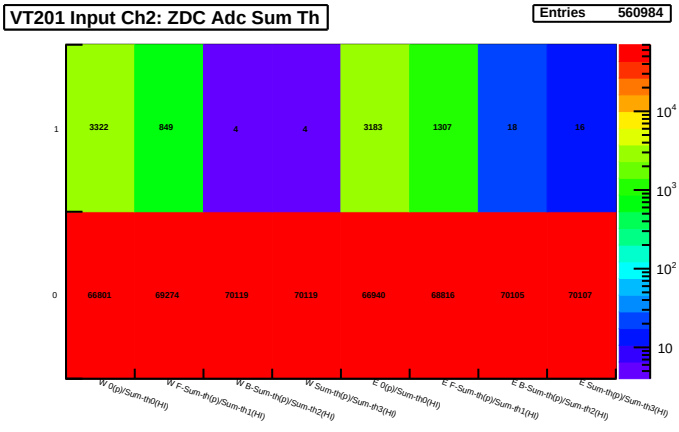

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

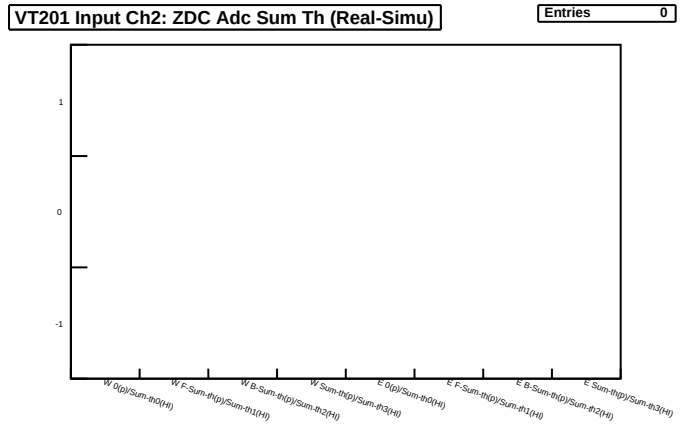

VT201 Input Ch1: EPD Hit Count Th
Entries 140246
68130
67915
1993
2208
East
West

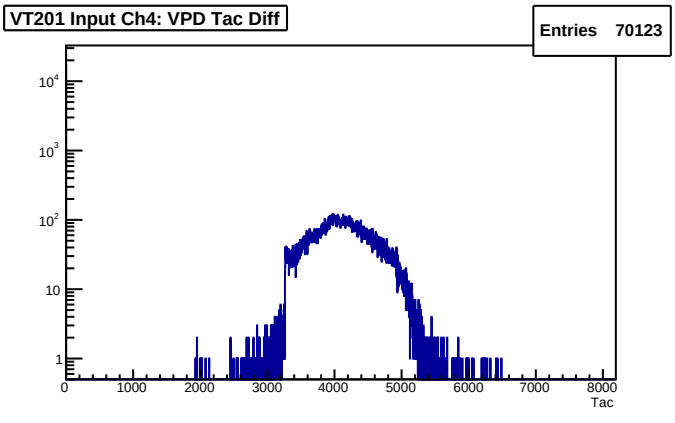

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

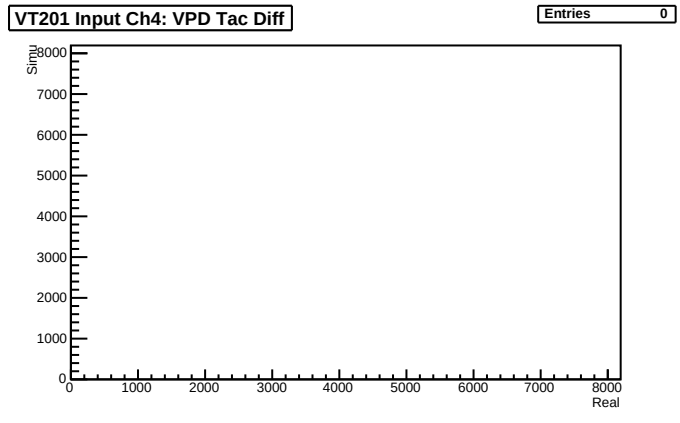

VT201 Input Ch2: ZDC Tac Diff
Entries 70123
Tac

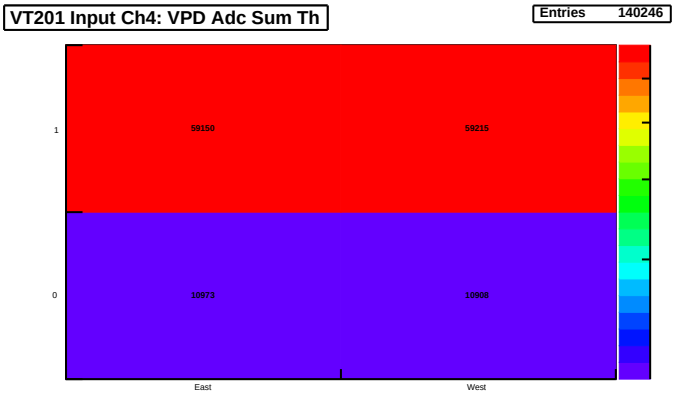

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

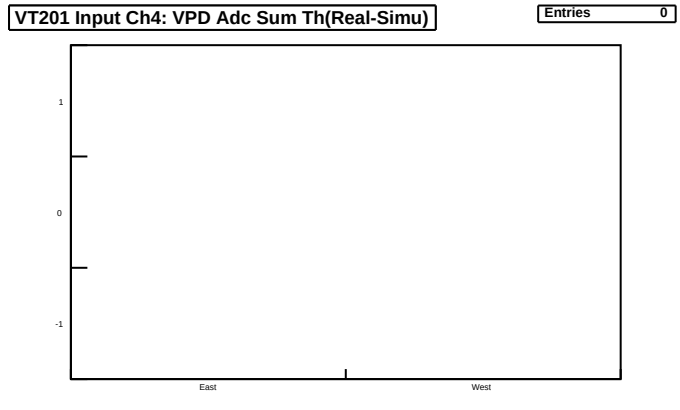

VT201 Input Ch2: ZDC Adc Sum Th
Entries 560984
3322
849
4
4
3183
1307
18
16
66801
69274
70119
70119
66940
68816
70105
70107
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

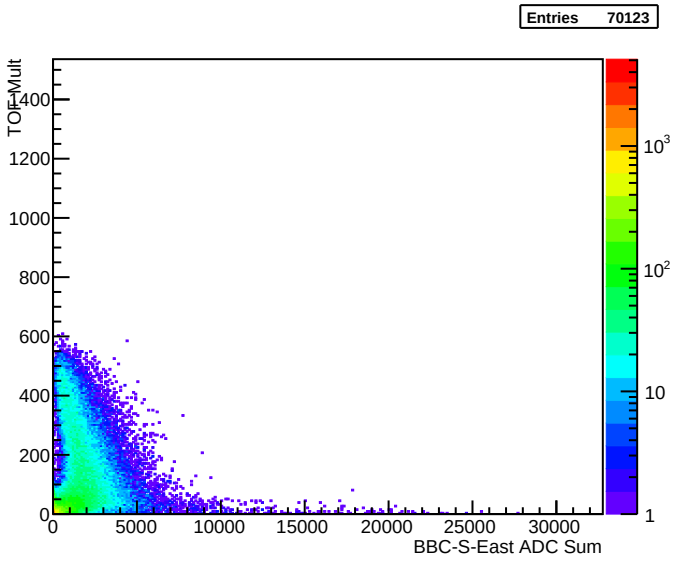

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

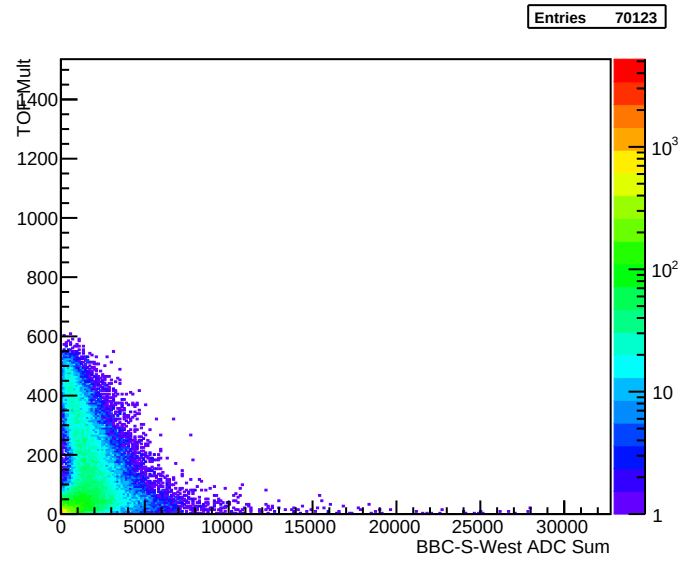

VT201 Input Ch4: VPD Tac Diff
Entries 70123
Tac

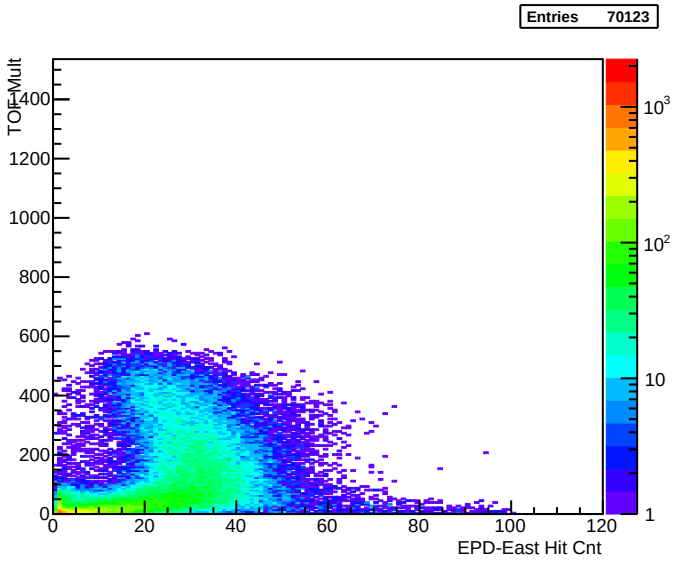

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

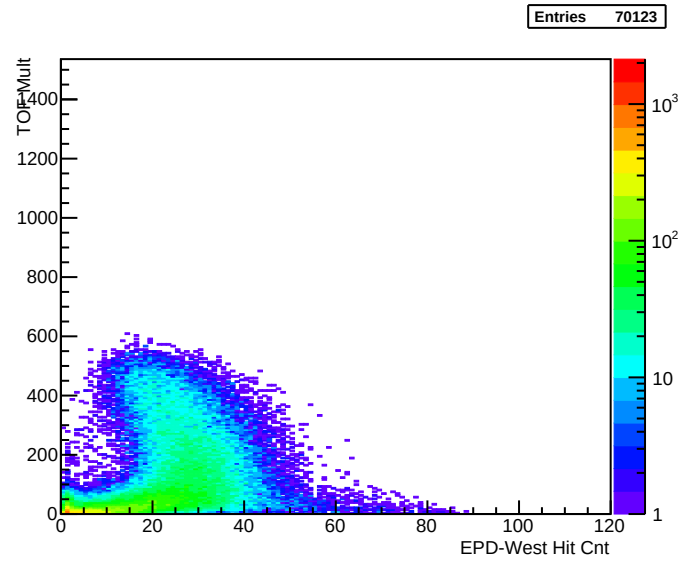

VT201 Input Ch4: VPD Adc Sum Th
Entries 140246
59150
59215
10973
10908
East
West

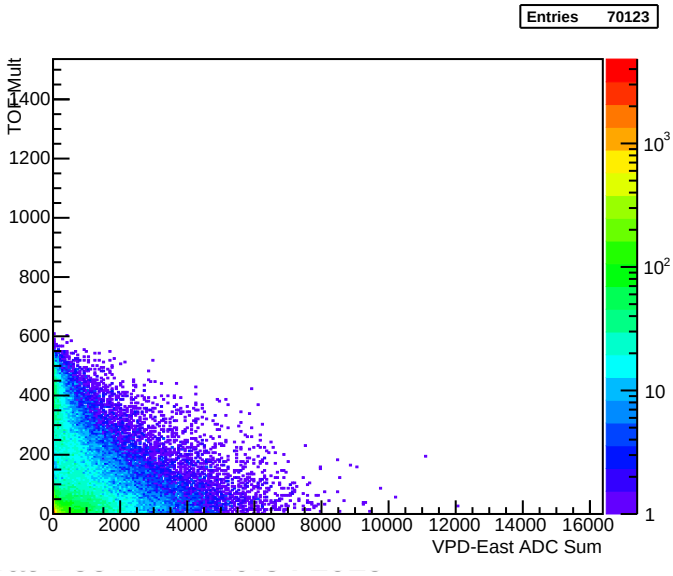

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

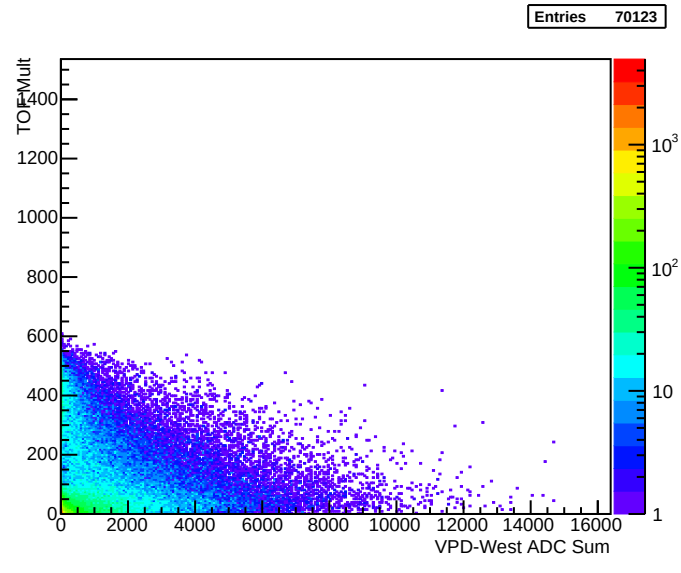

Entries 70123
TOF-Mult
BBC-S-East ADC Sum

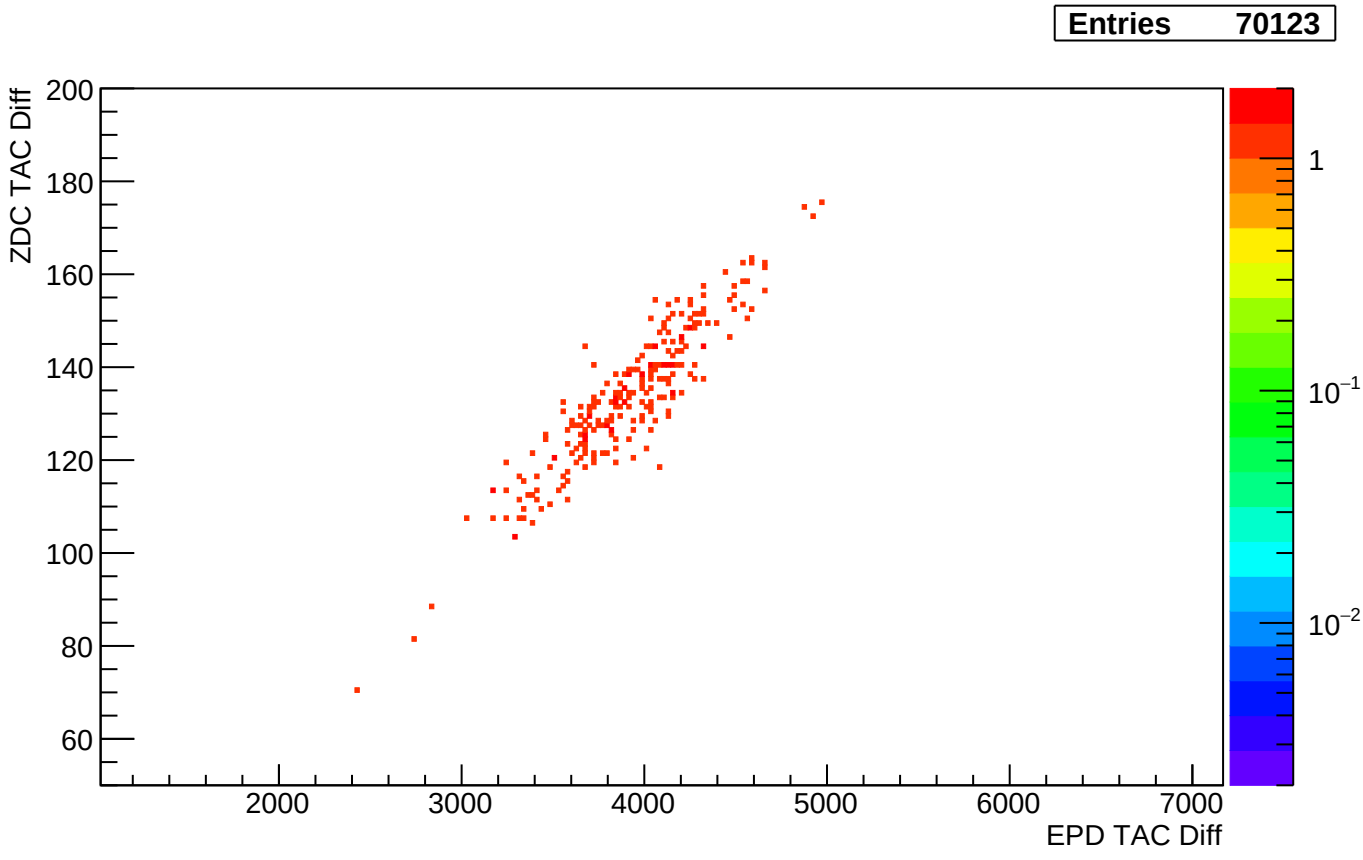

Entries 70123
TOF-Mult
BBC-S-West ADC Sum

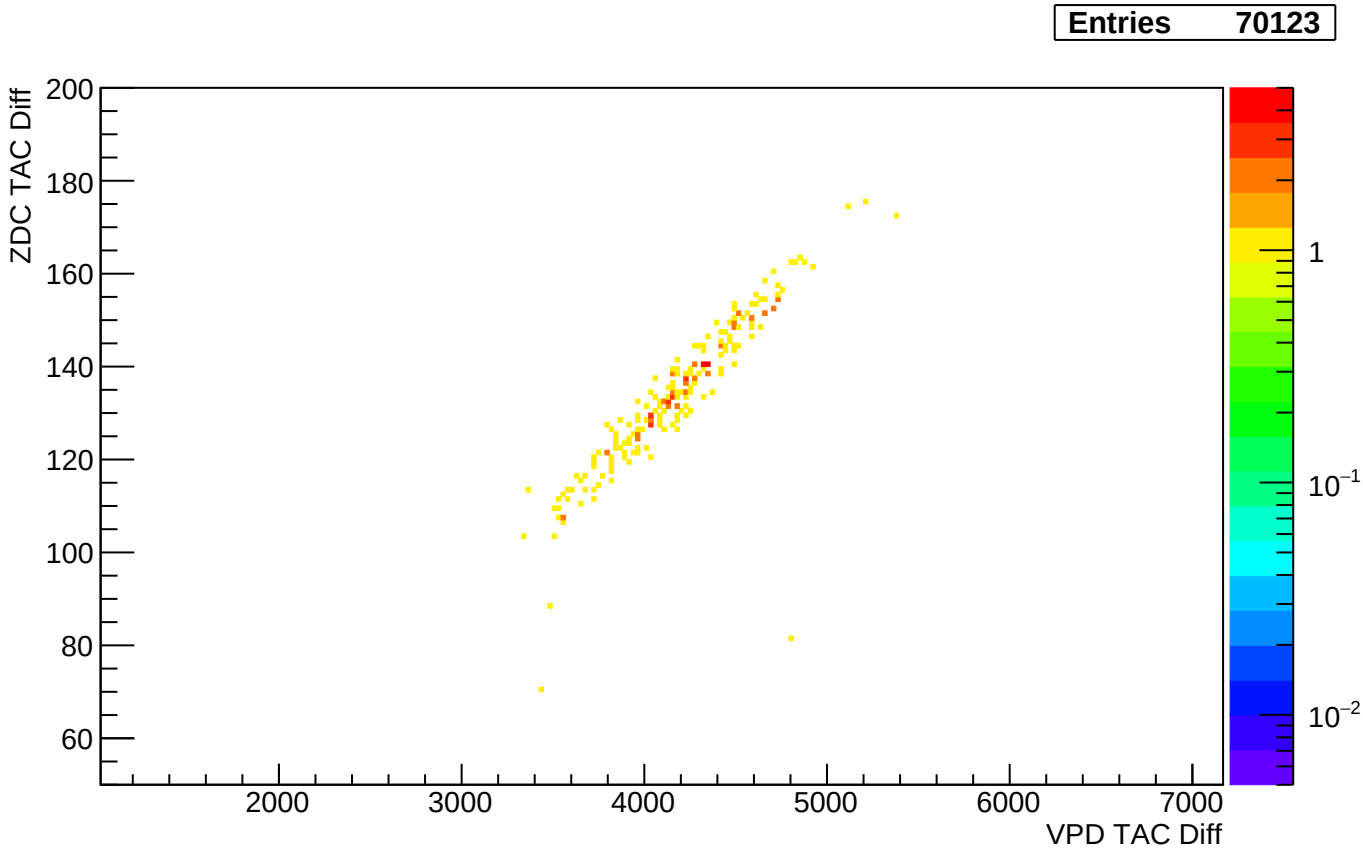

Entries 70123
TOF-Mult
EPD-East Hit Cnt

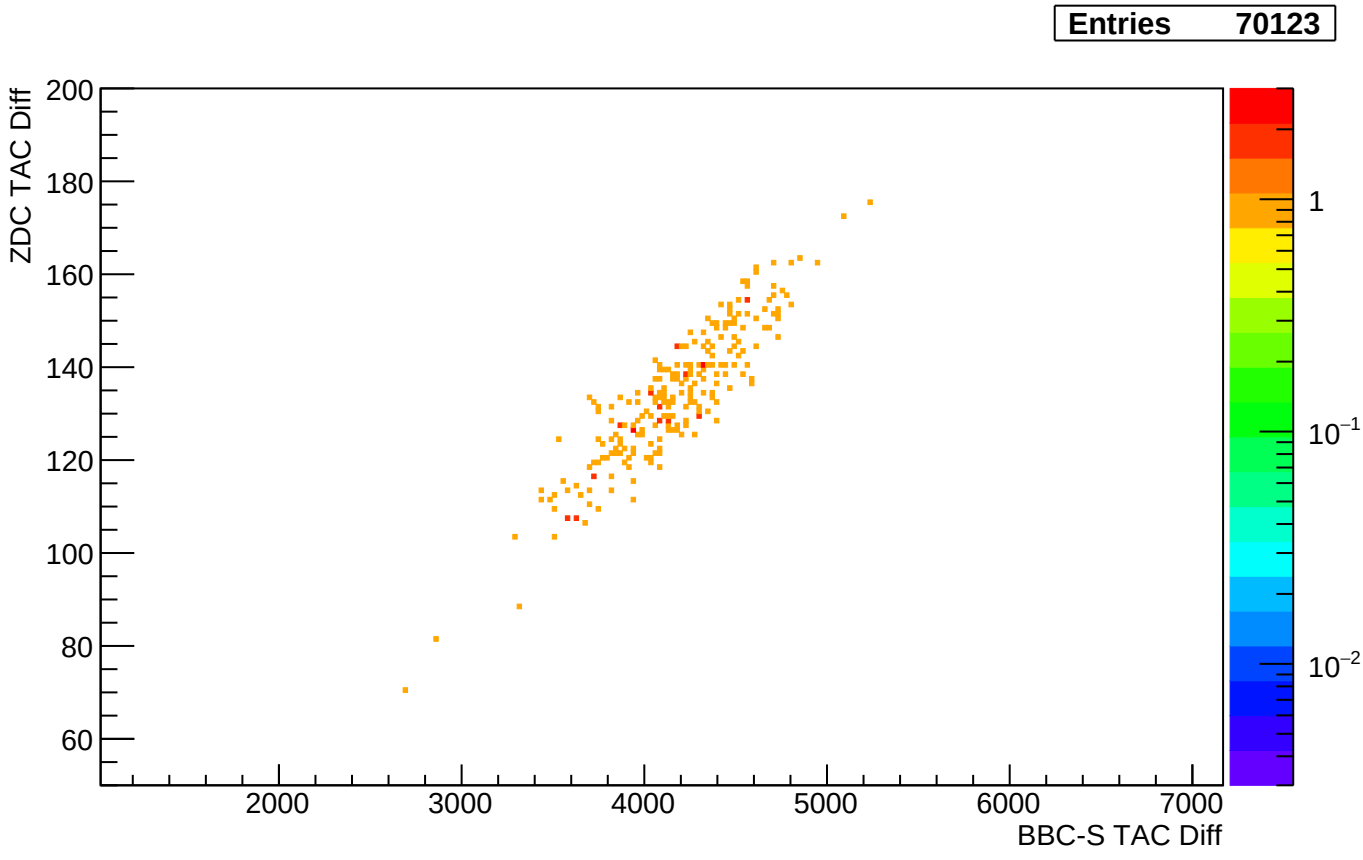

Entries 70123
TOF-Mult
EPD-West Hit Cnt

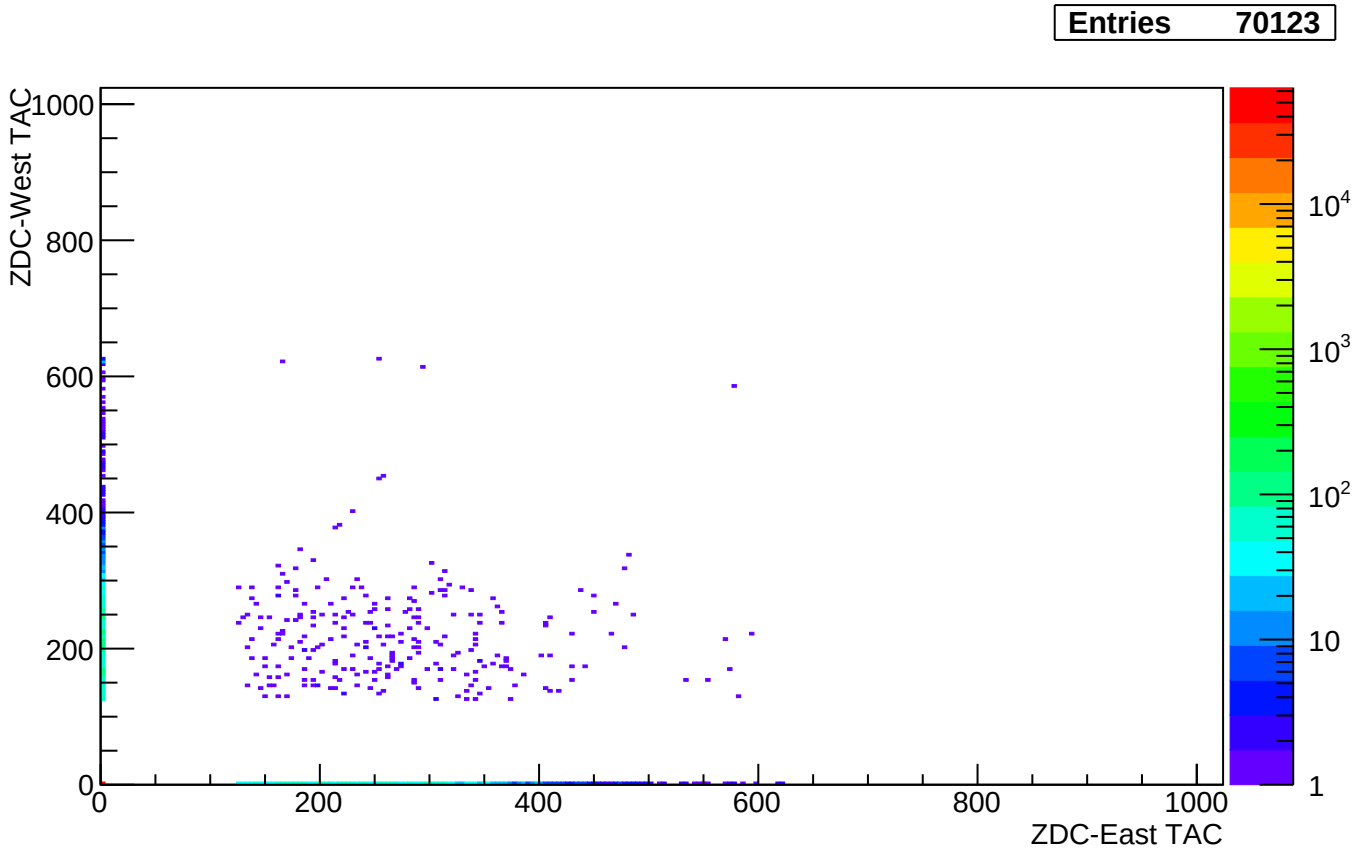

Entries 70123
TOF-Mult
VPD-East ADC Sum

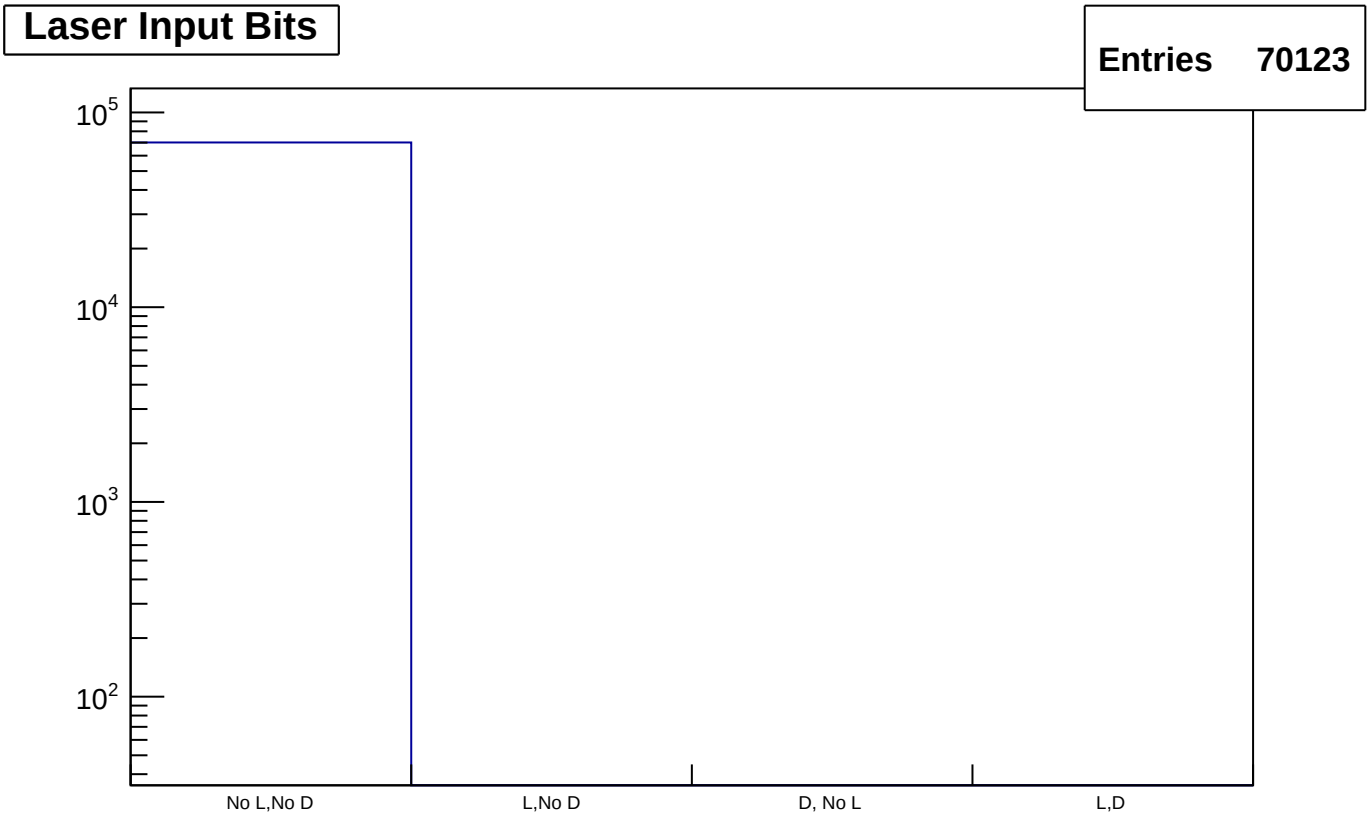

Entries 70123
TOF-Mult
VPD-West ADC Sum

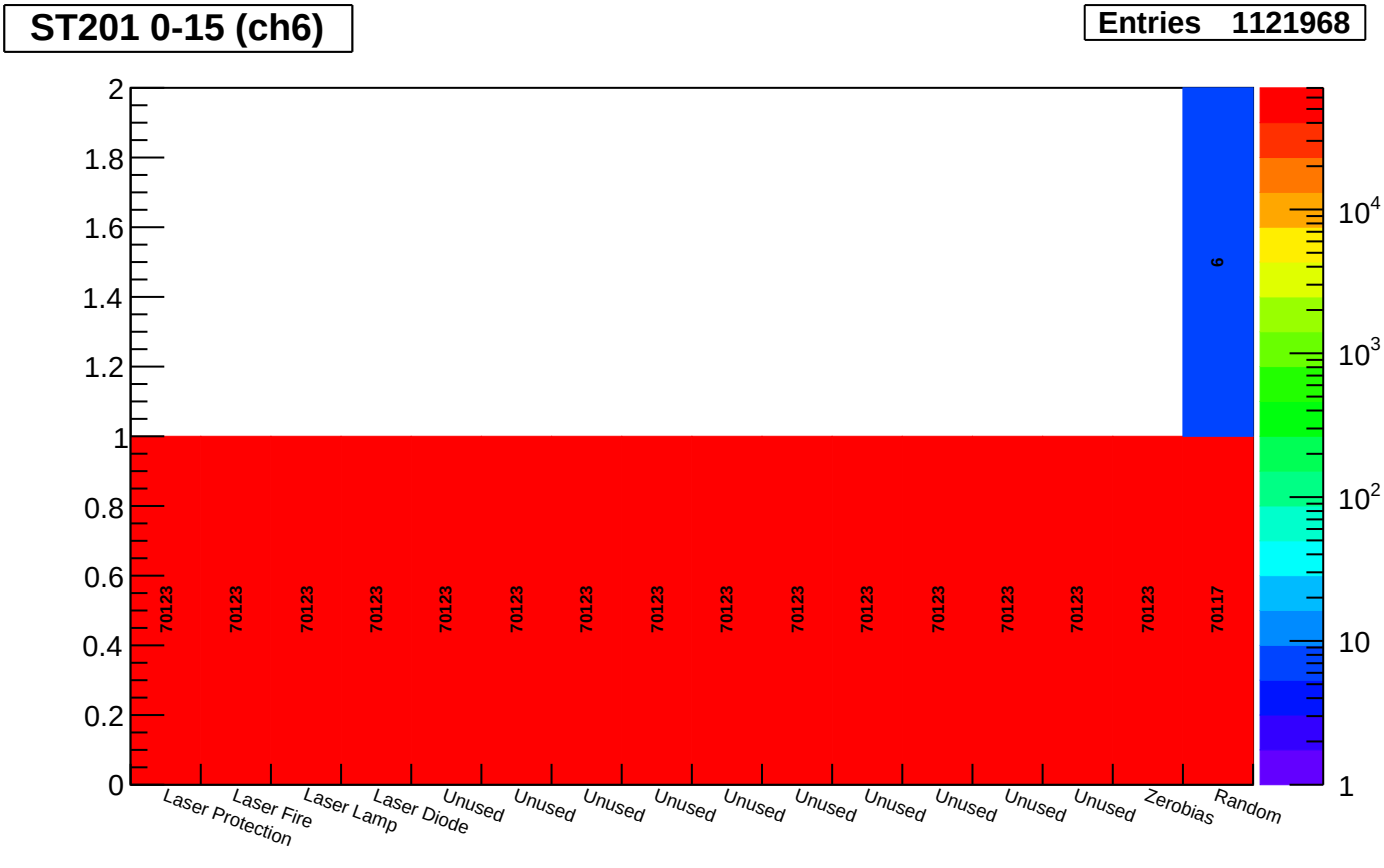

Entries 70123
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

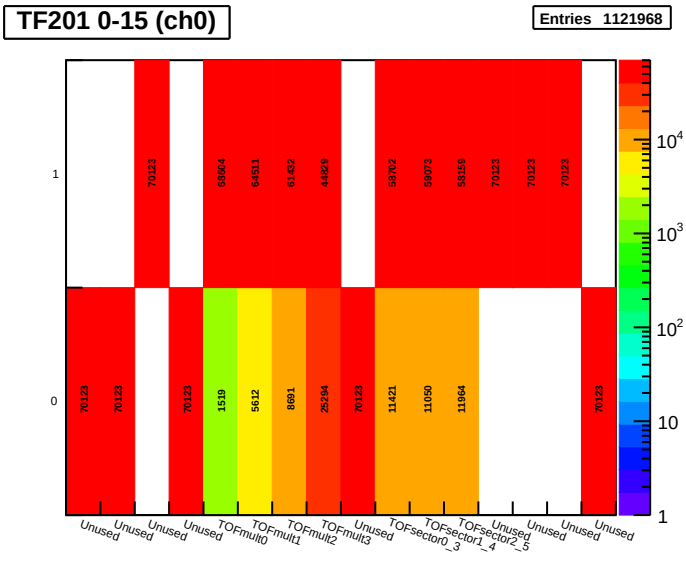

Entries 70123
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

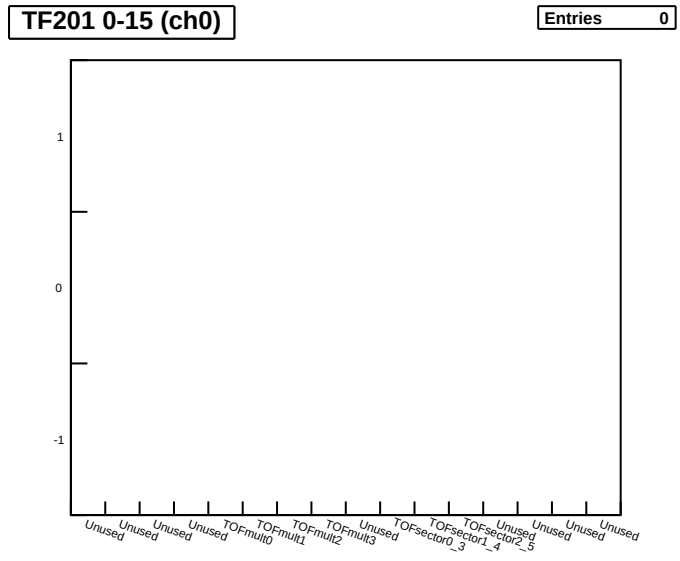

Entries 70123
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

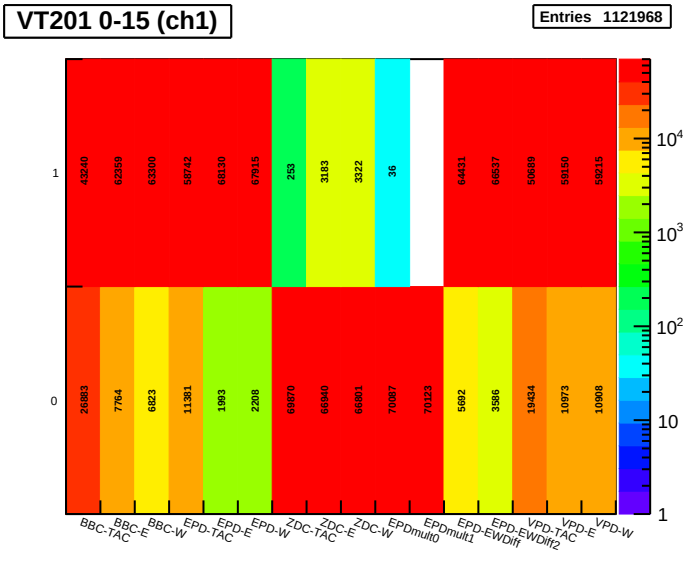

Entries 70123
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

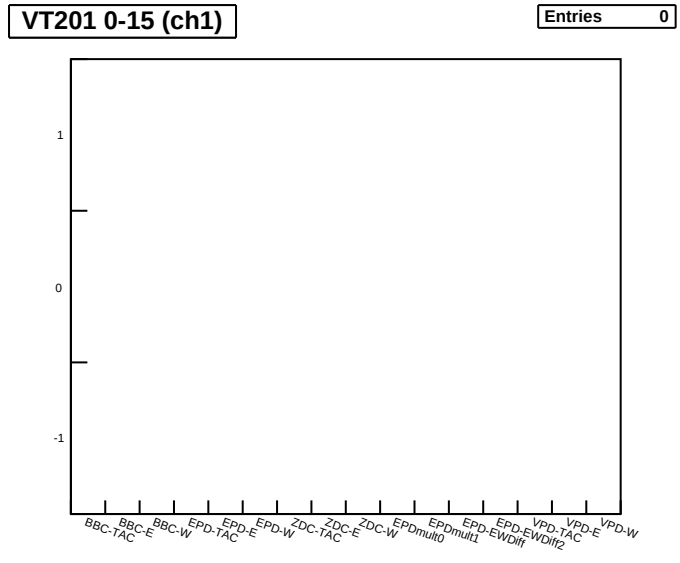

Laser Input Bits
Entries 70123
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

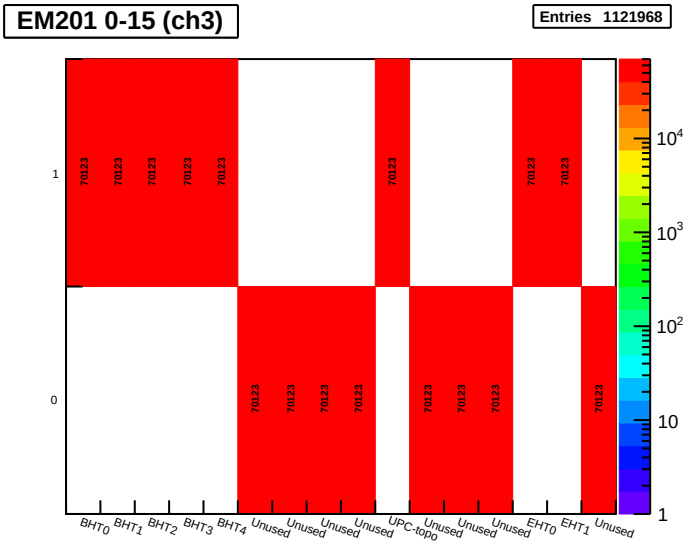

ST201 0-15 (ch6)
Entries 1121968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^4
10^3
10^2
10
1
6
70123
70117
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

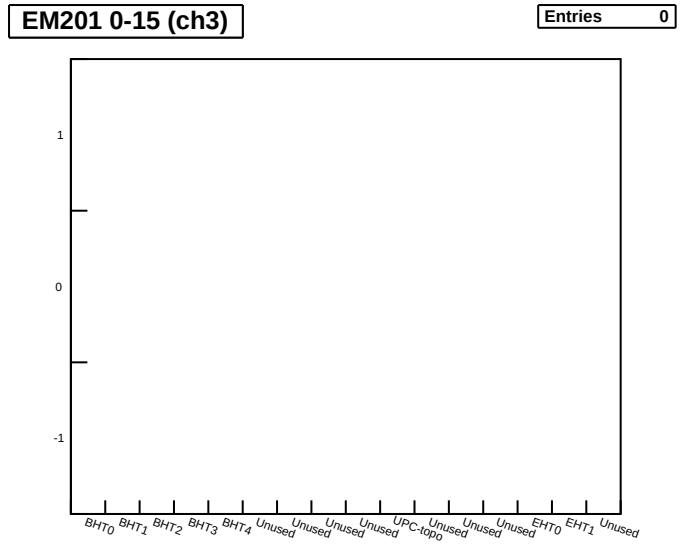

TF201 0-15 (ch0)
Entries 1121968
1
0
70123 68604 64511 61432 44829 58702 59073 58159 70123 70123 70123
70123 70123 70123 1519 5612 8691 25294 70123 11421 11050 11964 70123
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
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 1121968
1
0
43240 62359 63300 59742 68130 67915 253 3183 3322 36 64431 66537 50689 59150 58215
26883 7764 6823 11381 1993 2208 69870 66940 66801 70087 70123 5692 3586 19434 10973 10908
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
10^4
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 1121968
1
0
70123 70123 70123 70123 70123 70123 70123 70123
70123 70123 70123 70123 70123 70123 70123 70123
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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