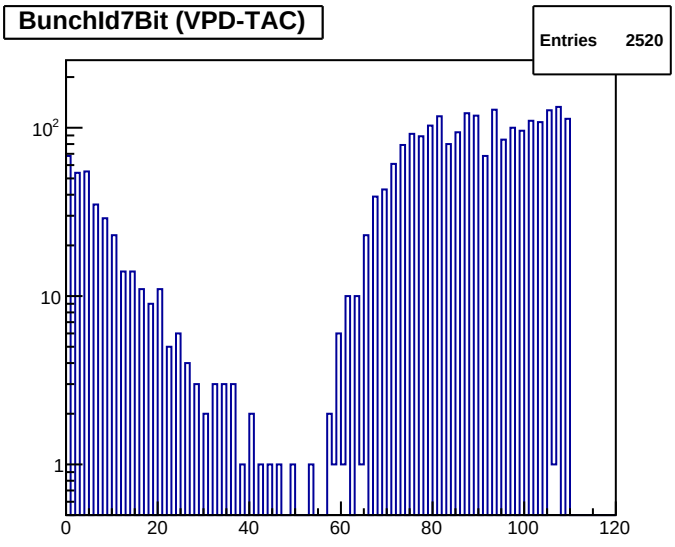
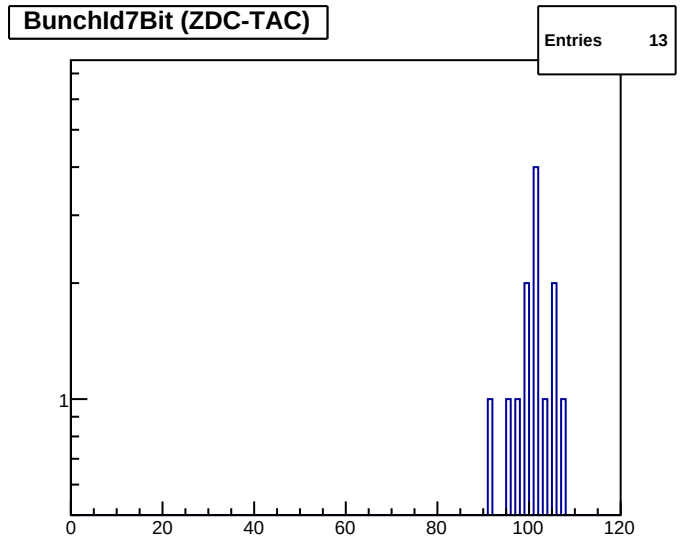
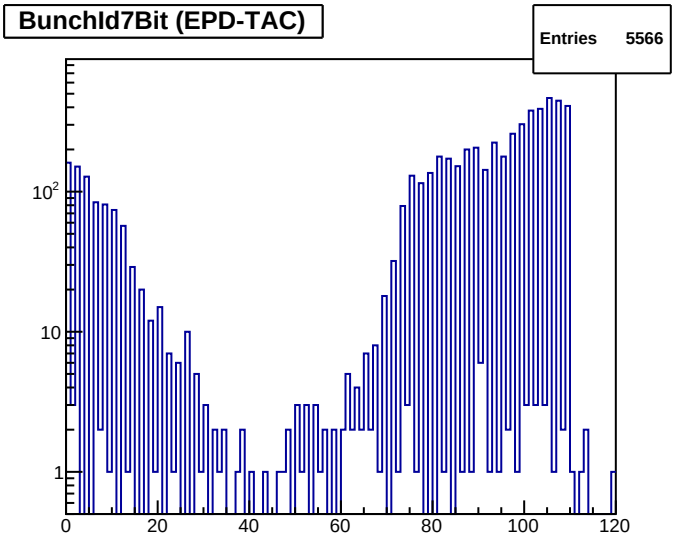
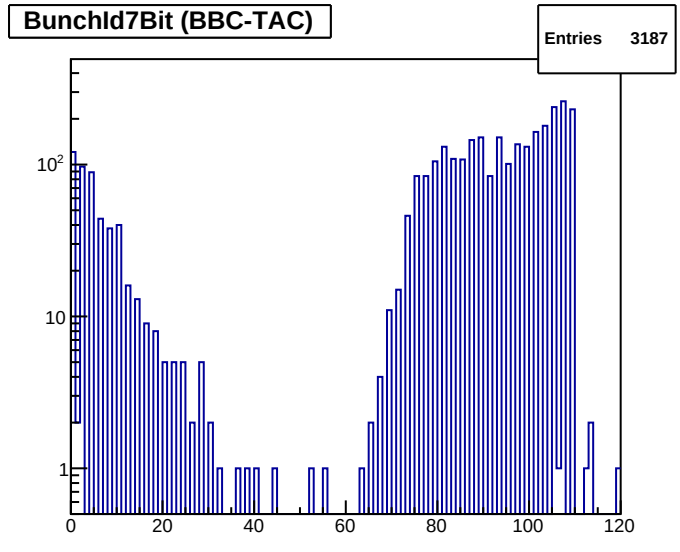
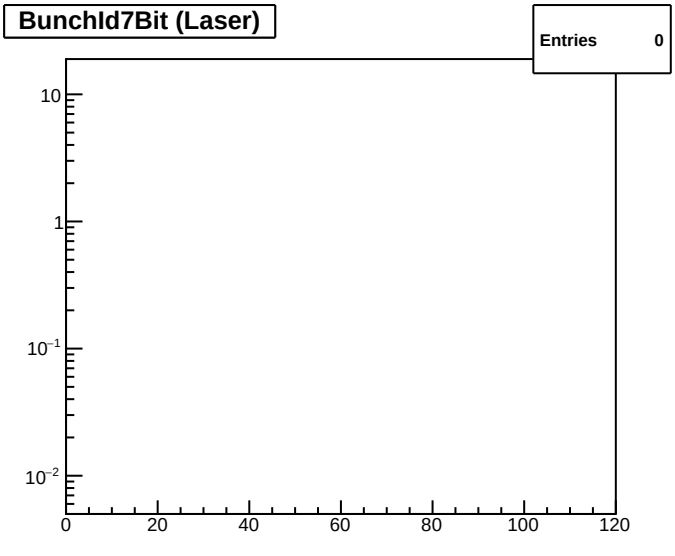
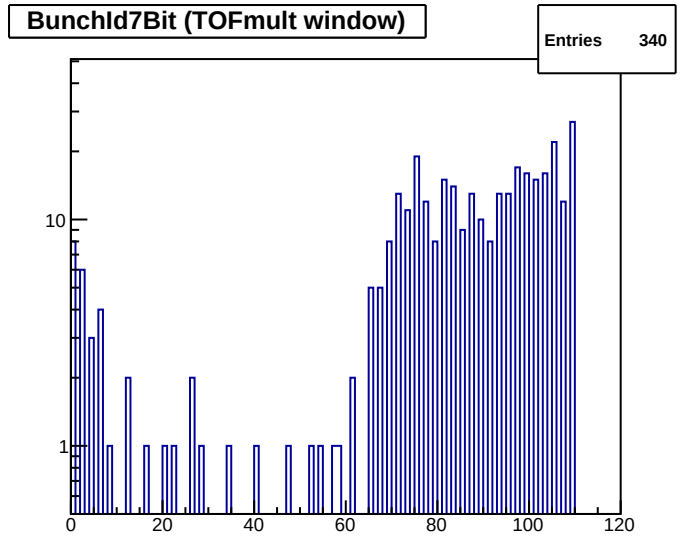

BunchId7Bit (VPD-TAC)
Entries 2520

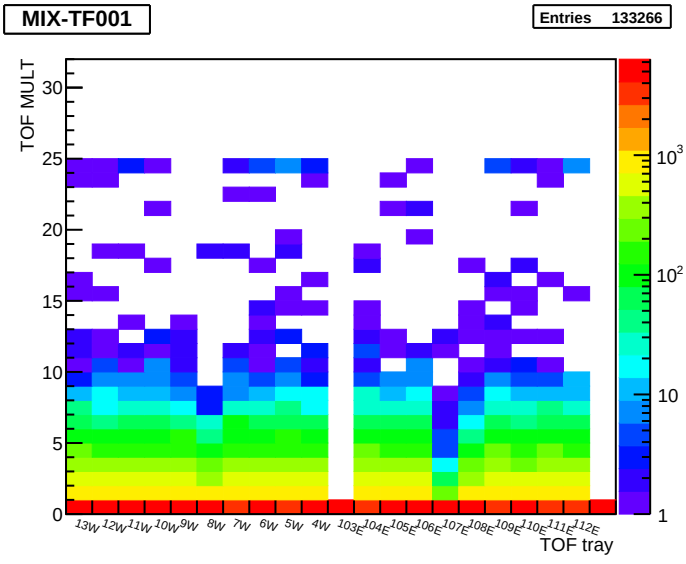

BunchId7Bit (ZDC-TAC)
Entries 13

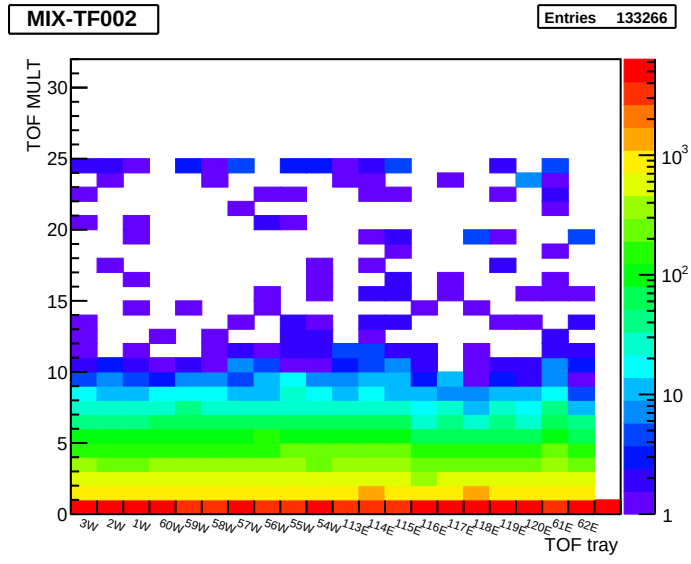

BunchId7Bit (EPD-TAC)
Entries 5566

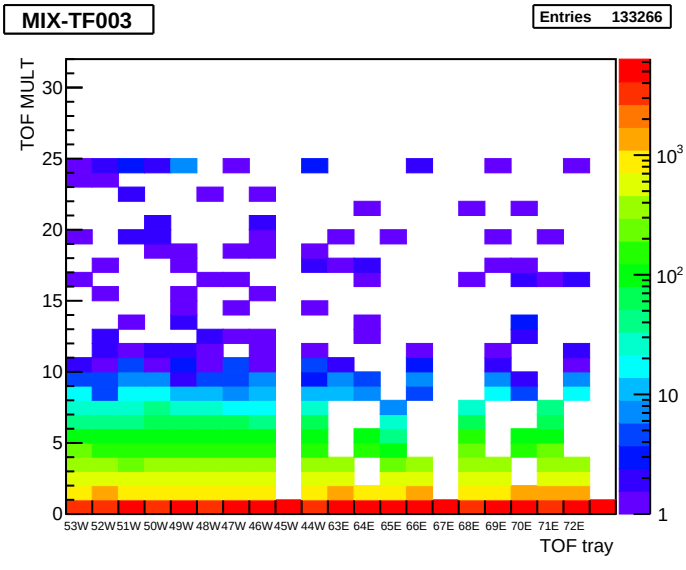

BunchId7Bit (BBC-TAC)
Entries 3187

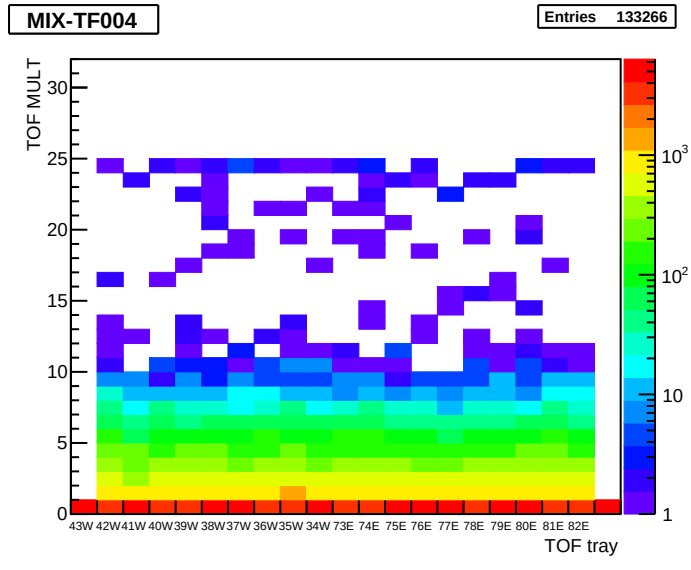

BunchId7Bit (Laser)
Entries 0

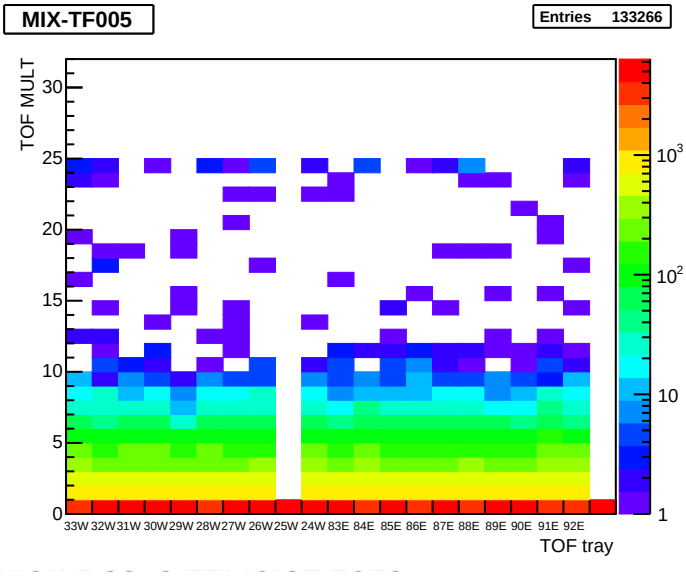

BunchId7Bit (TOFmult window)
Entries 340

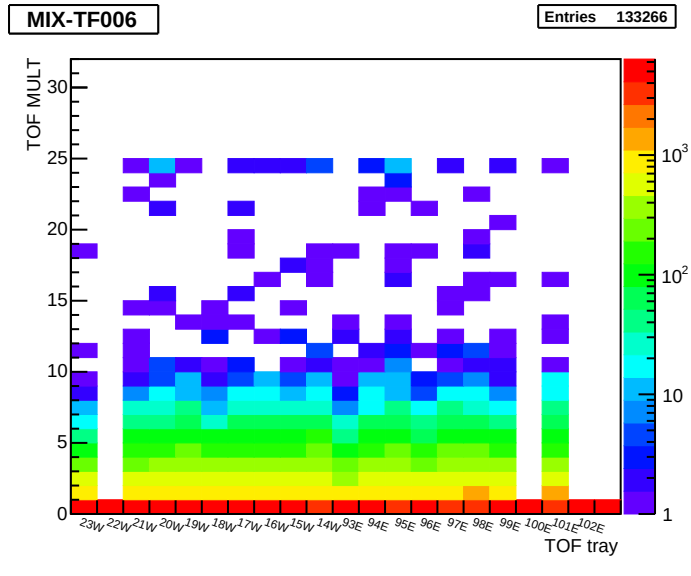

MIX-TF001
Entries 133266
TOF MULT
TOF tray

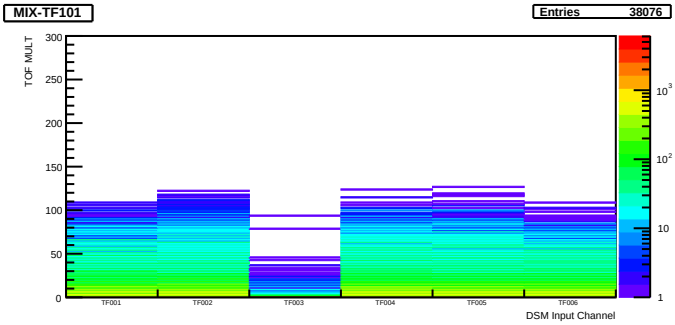

MIX-TF002
Entries 133266
TOF MULT
TOF tray

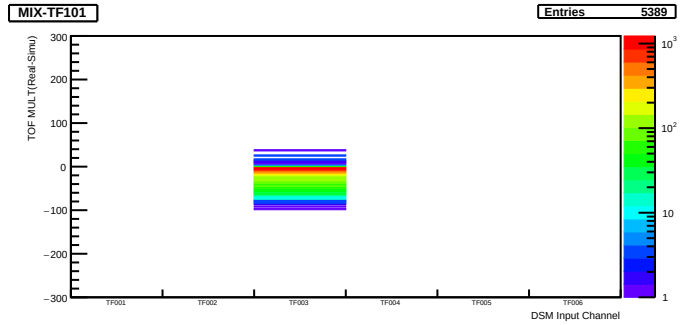

MIX-TF003
Entries 133266
TOF MULT
TOF tray

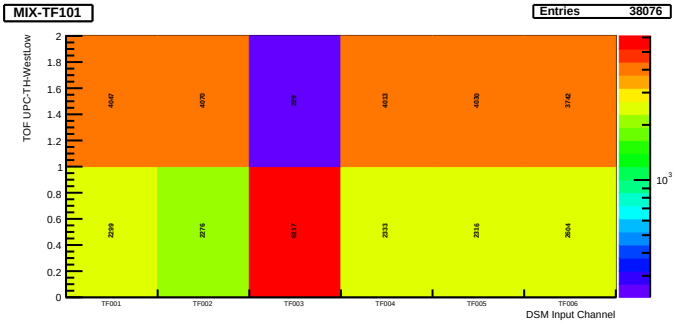

MIX-TF004
Entries 133266
TOF MULT
TOF tray

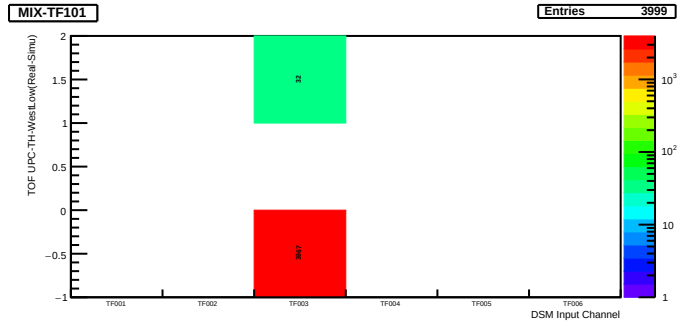

MIX-TF005
Entries 133266
TOF MULT
TOF tray

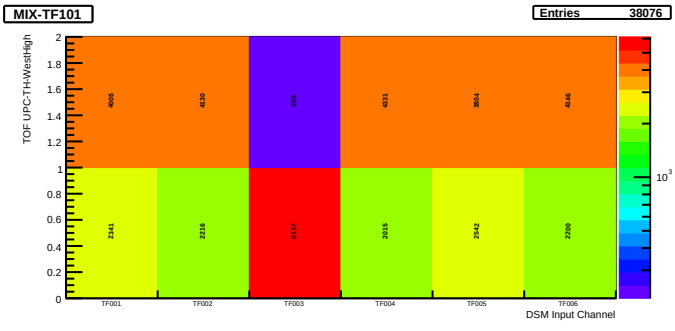

MIX-TF006
Entries 133266
TOF MULT
TOF tray

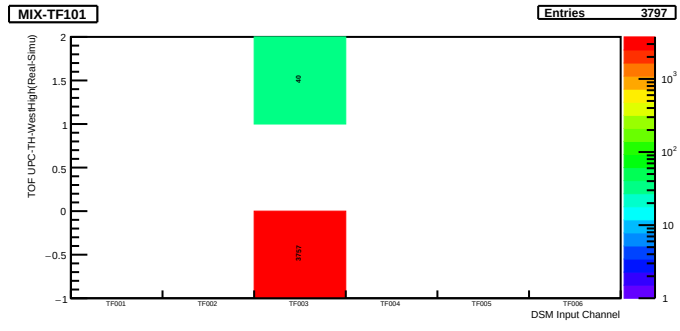

MIX-TF101
Entries 38076
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

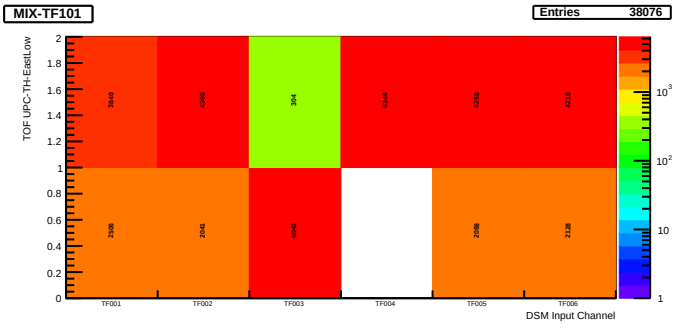

MIX-TF101
Entries 5389
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

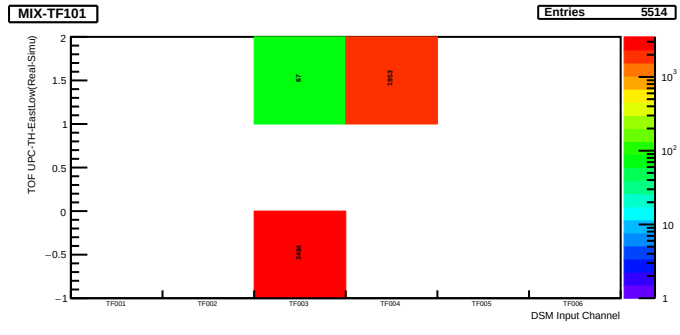

MIX-TF101
Entries 38076
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

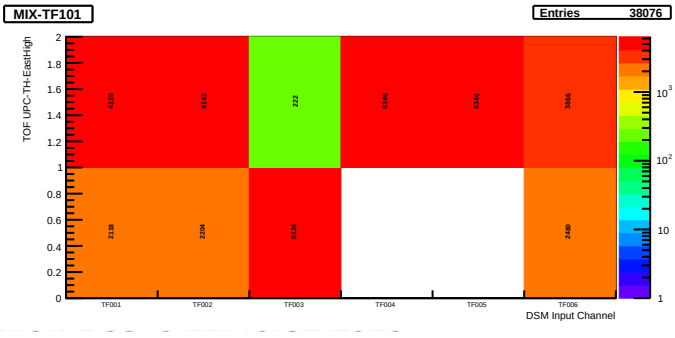

MIX-TF101
Entries 3999
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

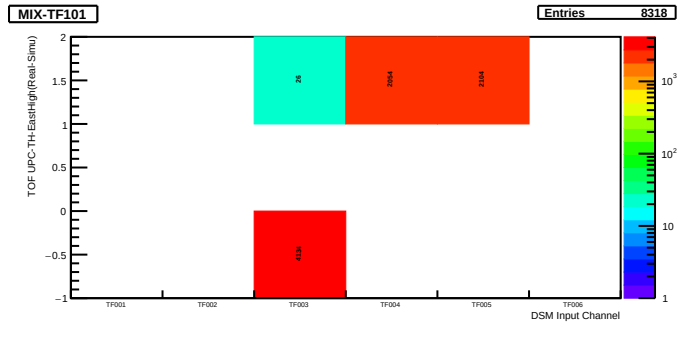

MIX-TF101
Entries 38076
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

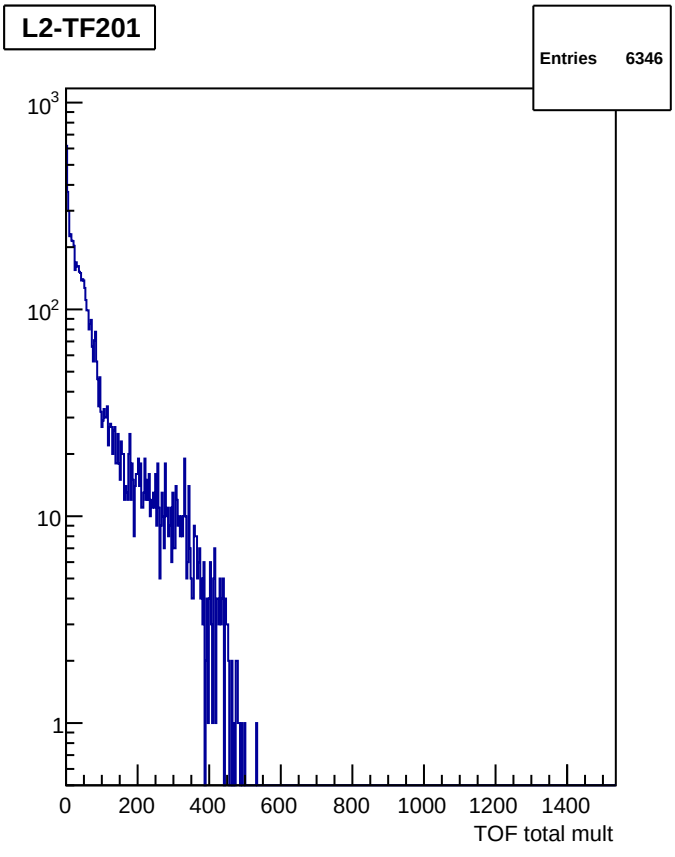

MIX-TF101
Entries 3797
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

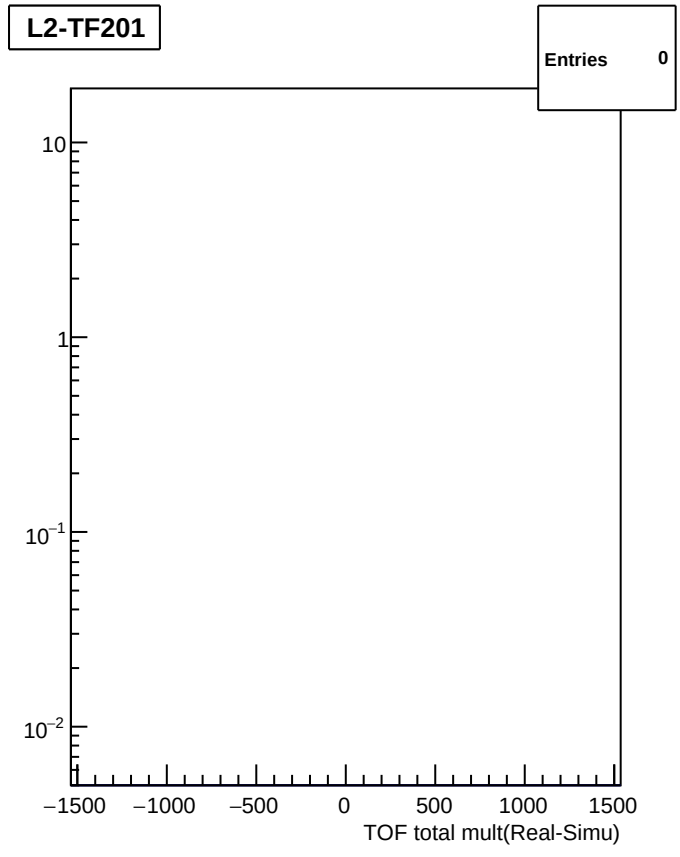

MIX-TF101
Entries 38076
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

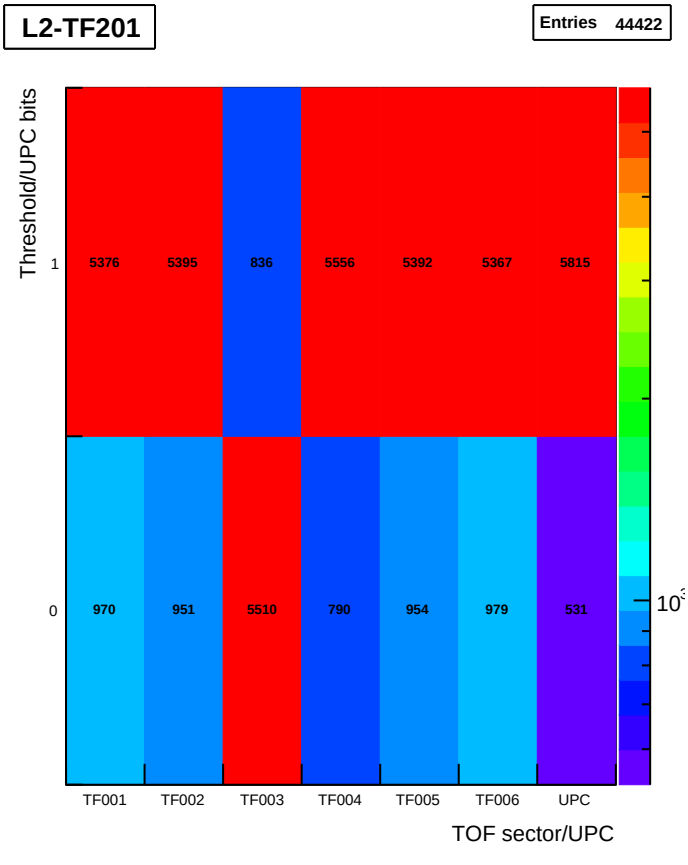

MIX-TF101
Entries 5514
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

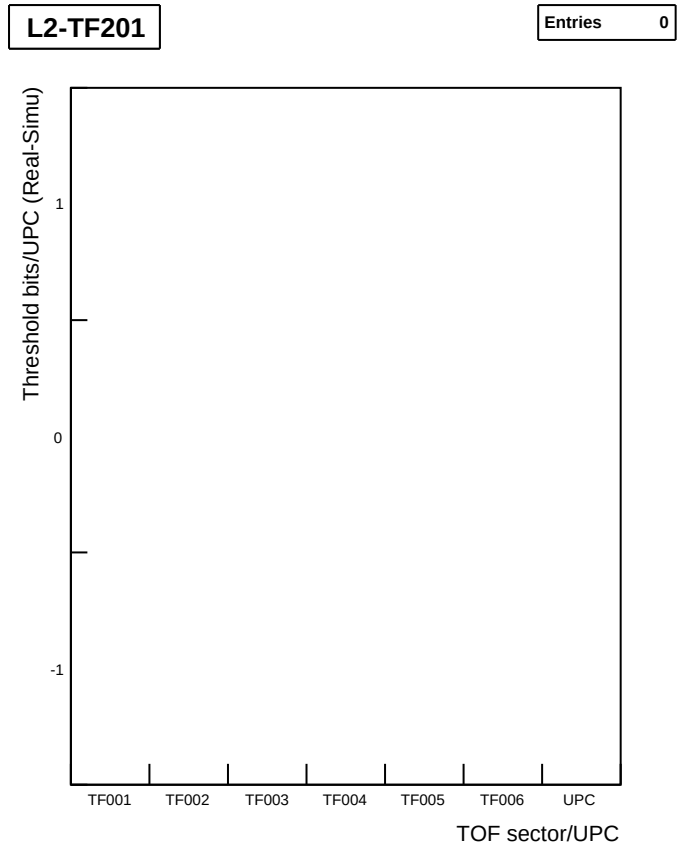

MIX-TF101
Entries 38076
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

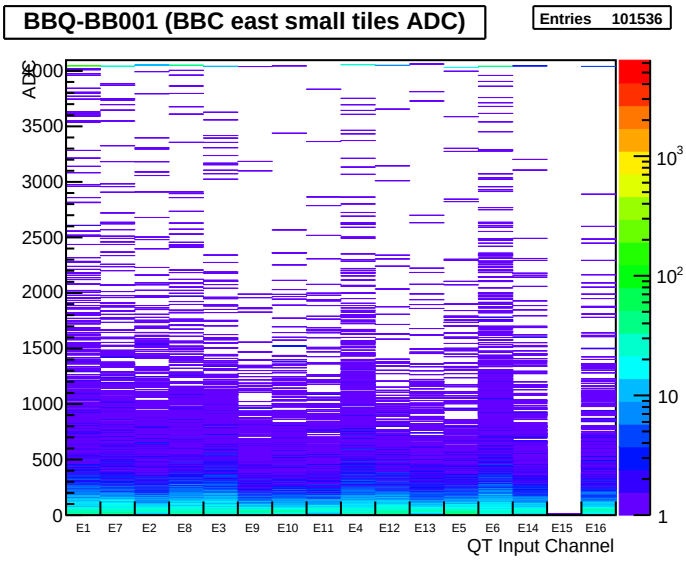

MIX-TF101
Entries 8318
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

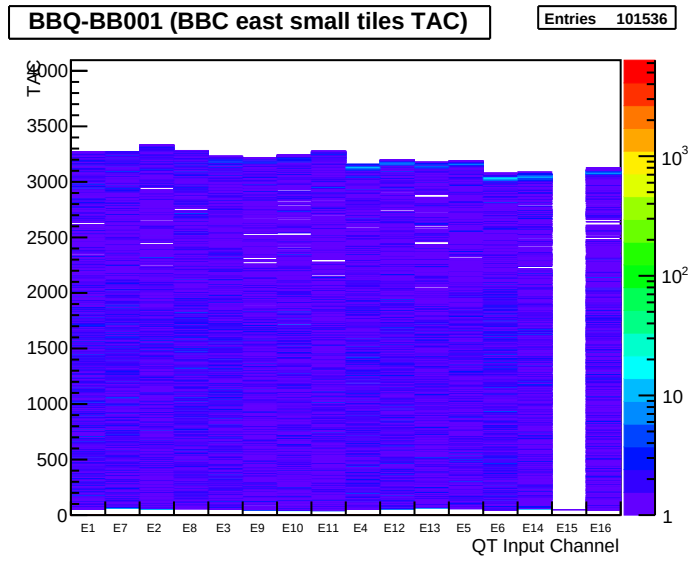

L2-TF201
Entries 6346
TOF total mult

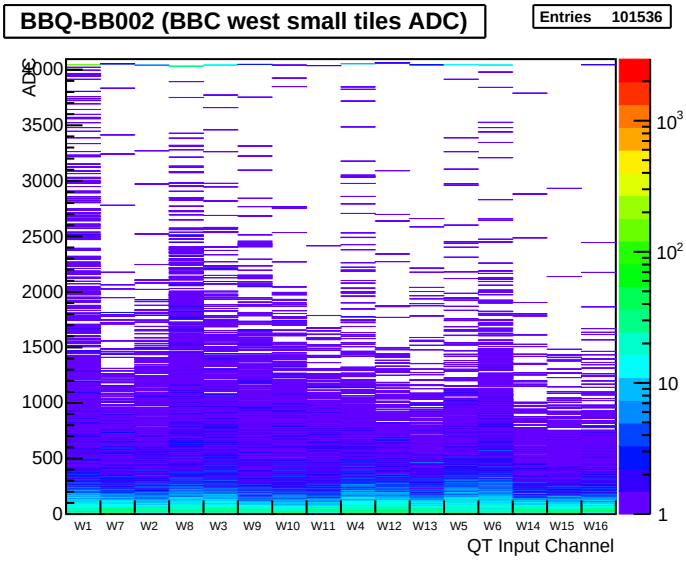

L2-TF201
Entries 0
TOF total mult(Real-Simu)

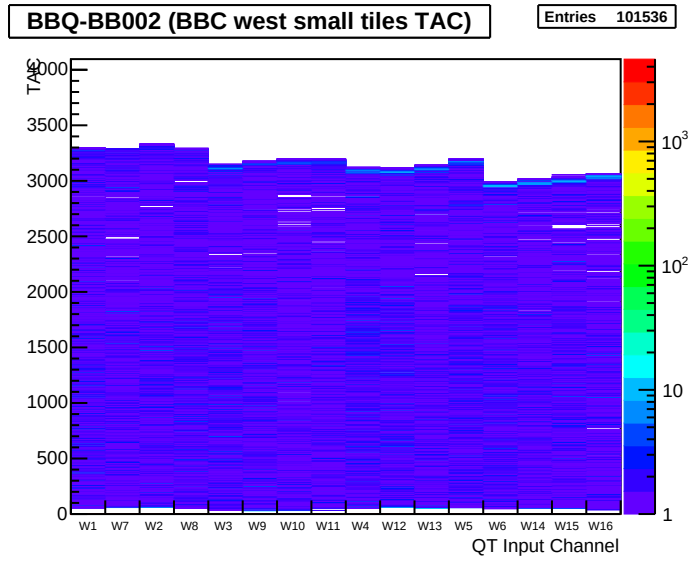

L2-TF201
Entries 44422
Threshold/UPC bits
5376
5395
836
5556
5392
5367
5815
970
951
5510
790
954
979
531
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

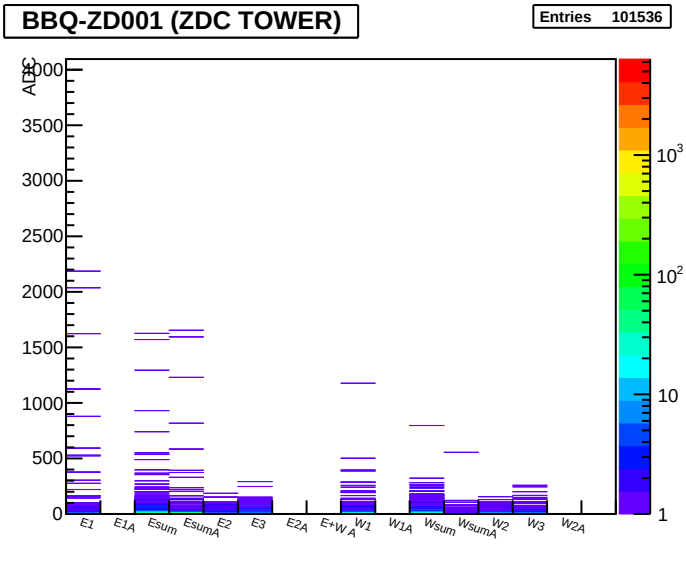

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

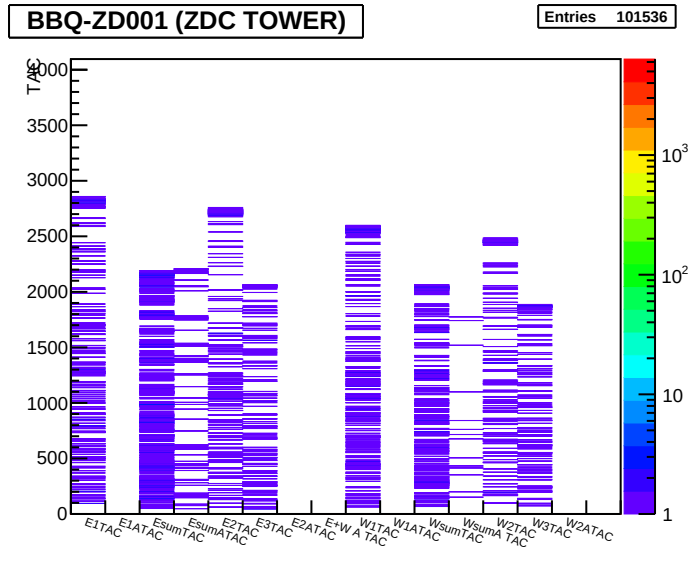

BBQ-BB001 (BBC east small tiles ADC)
Entries 101536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

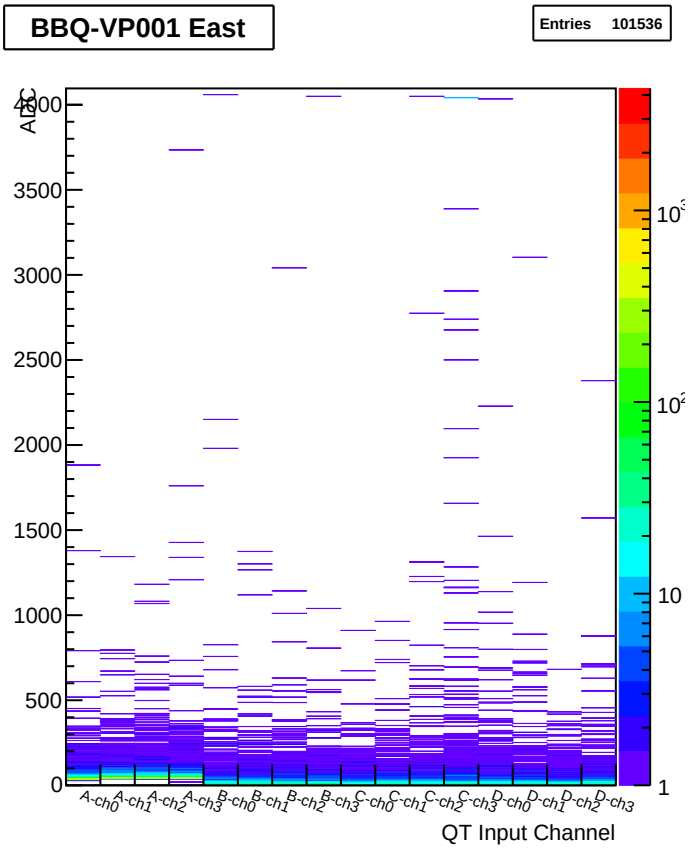

BBQ-BB001 (BBC east small tiles TAC)
Entries 101536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

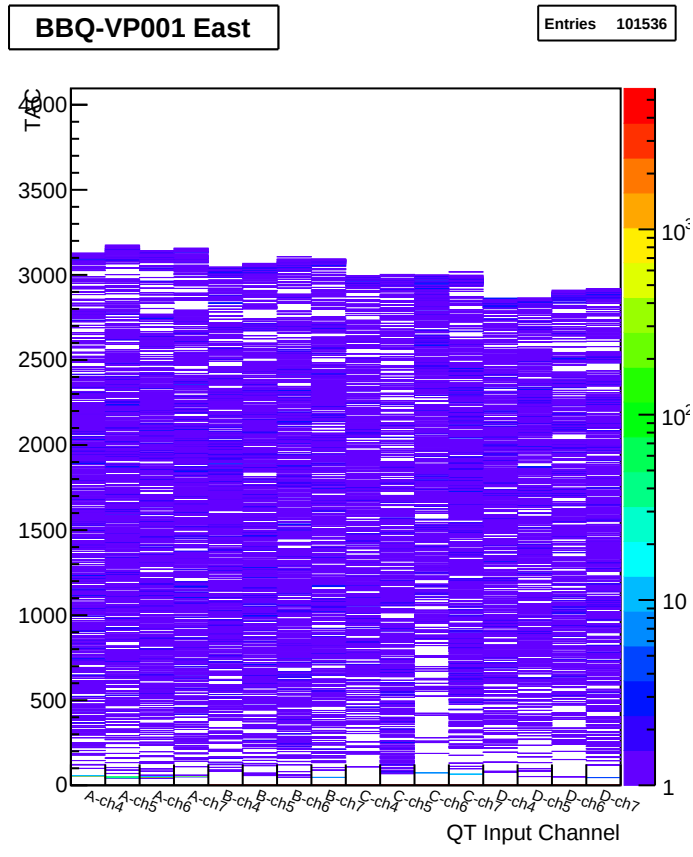

BBQ-BB002 (BBC west small tiles ADC)
Entries 101536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

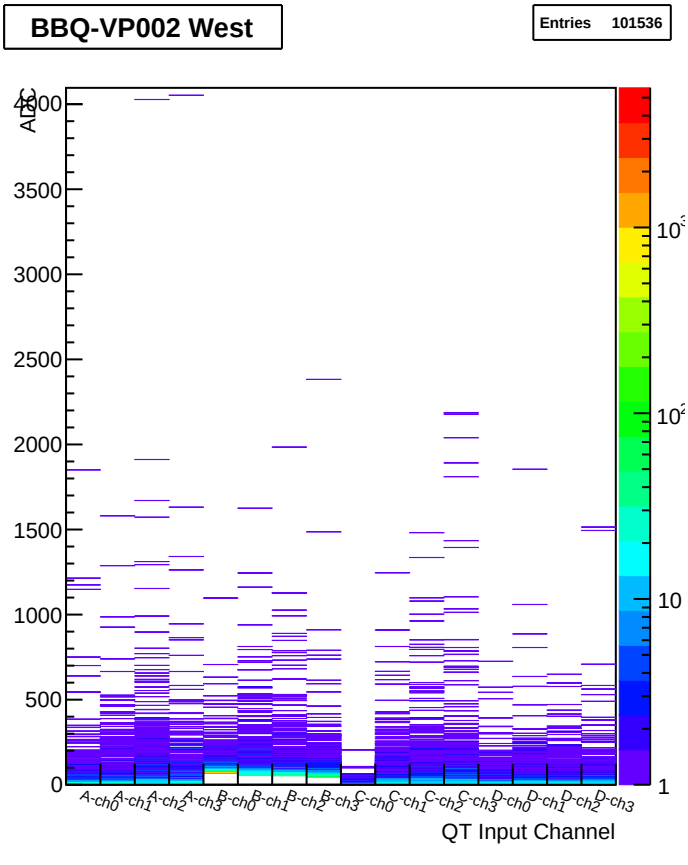

BBQ-BB002 (BBC west small tiles TAC)
Entries 101536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

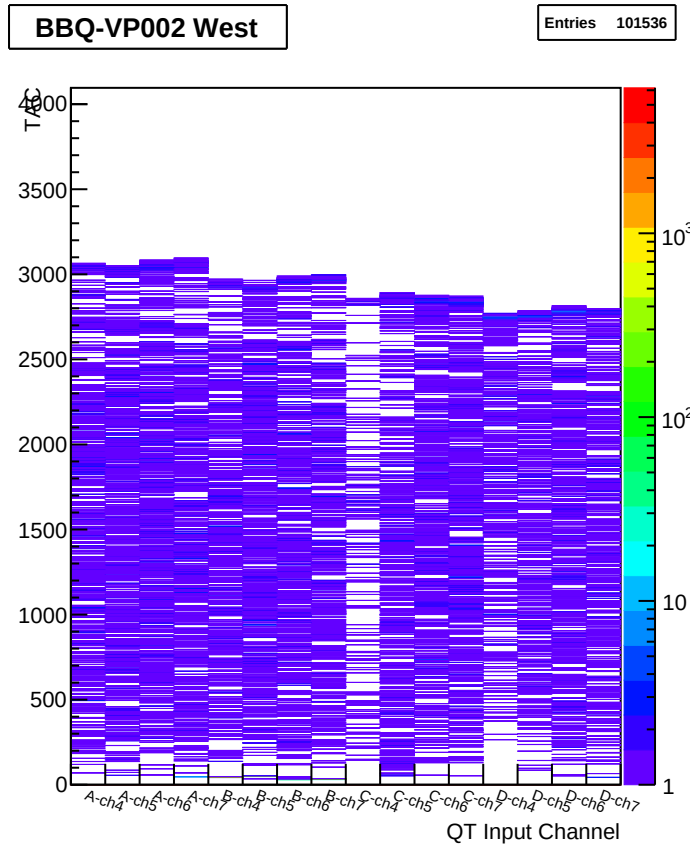

BBQ-ZD001 (ZDC TOWER)
Entries 101536
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

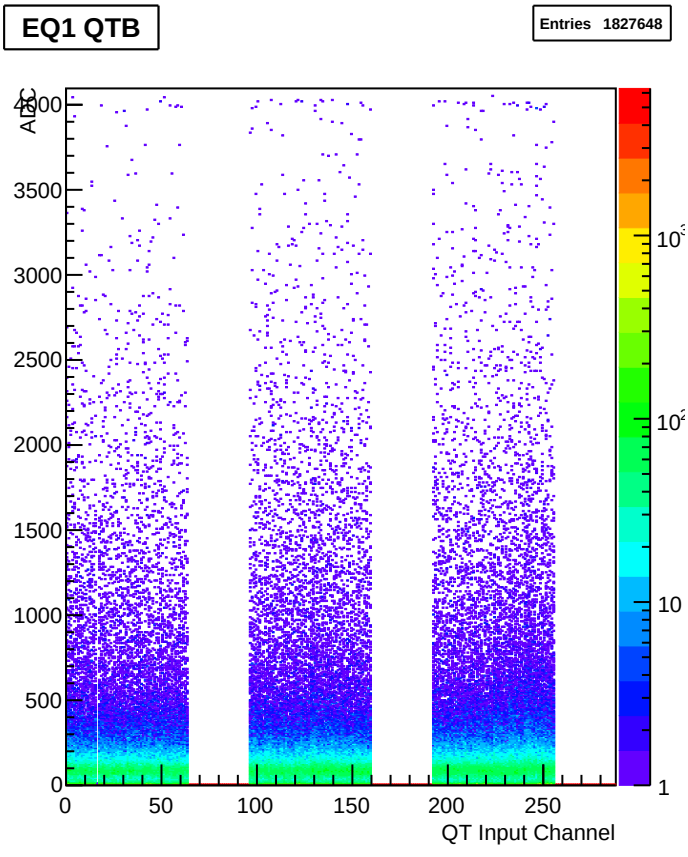

BBQ-ZD001 (ZDC TOWER)
Entries 101536
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

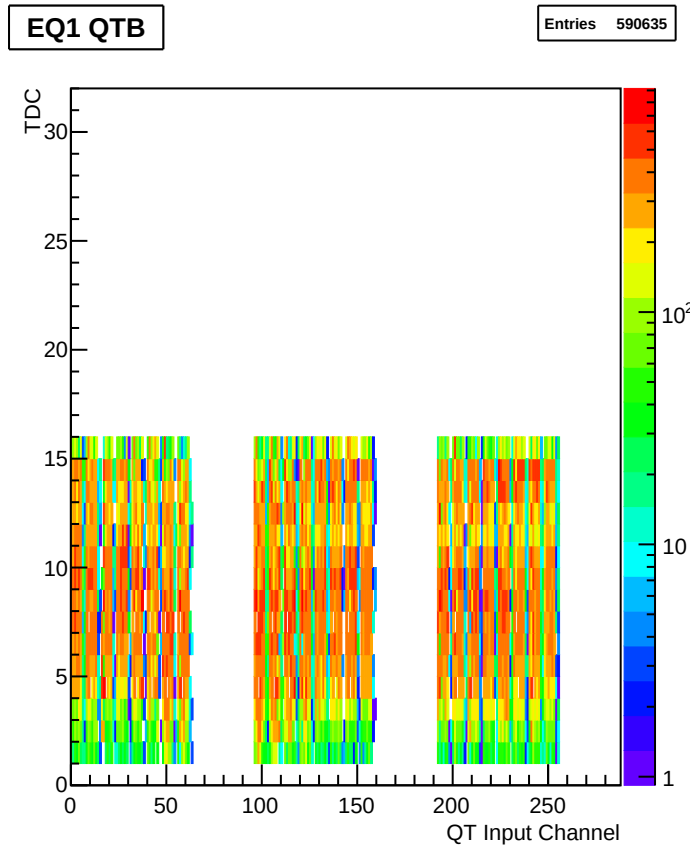

BBQ-VP001 East
Entries 101536
ADC
QT Input Channel

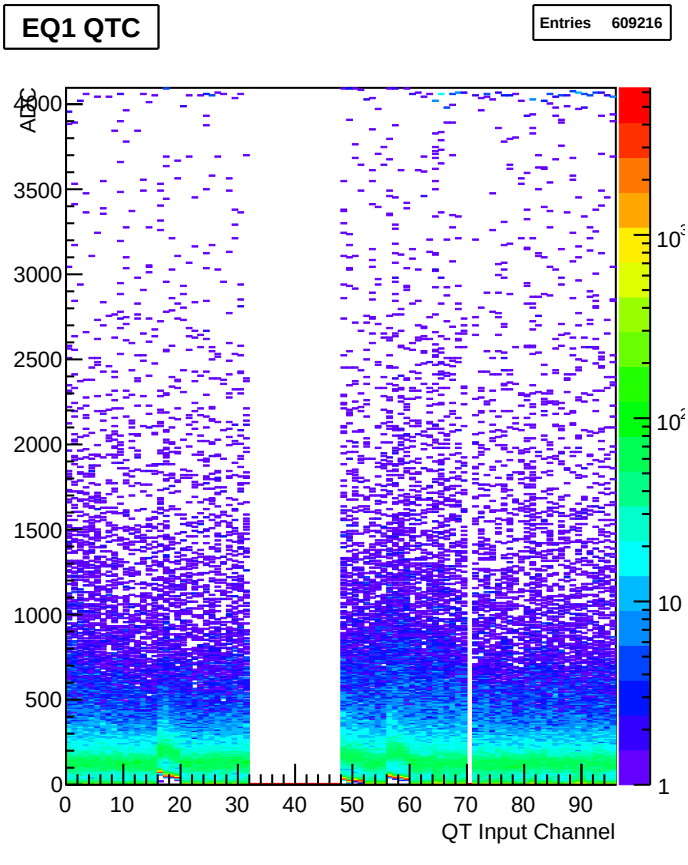

BBQ-VP001 East
Entries 101536
TADC
QT Input Channel

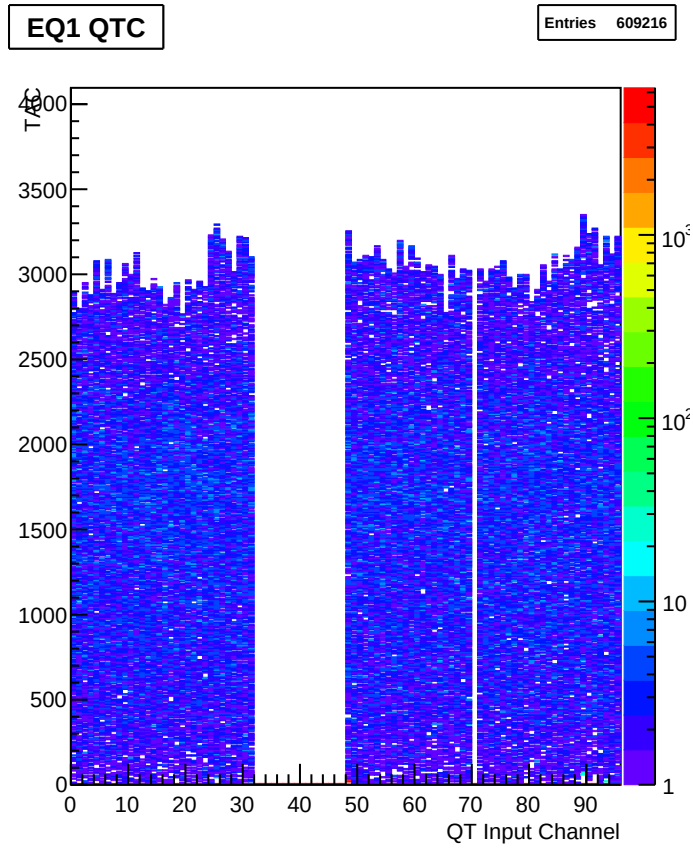

BBQ-VP002 West
Entries 101536
ADC
QT Input Channel

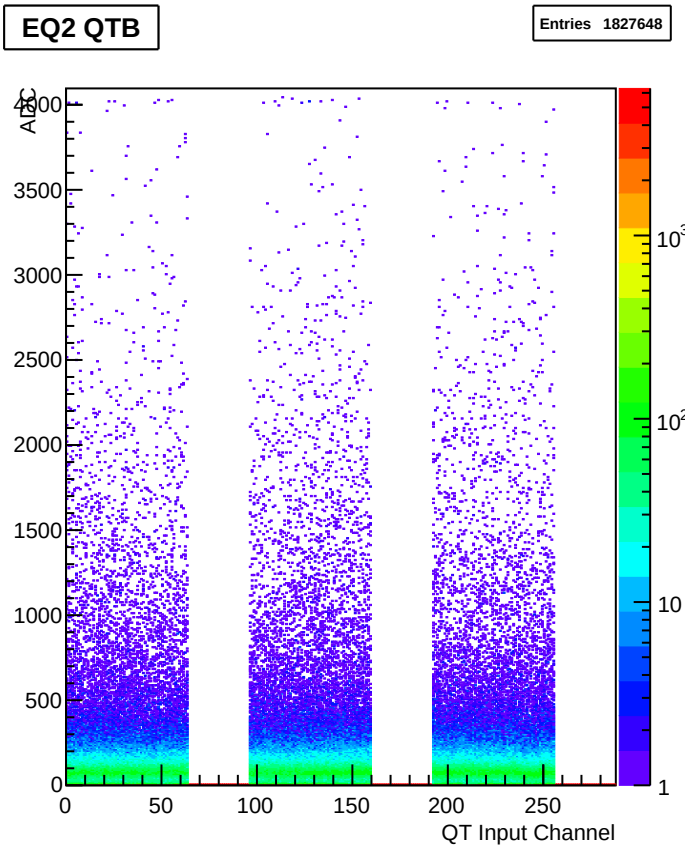

BBQ-VP002 West
Entries 101536
TADC
QT Input Channel

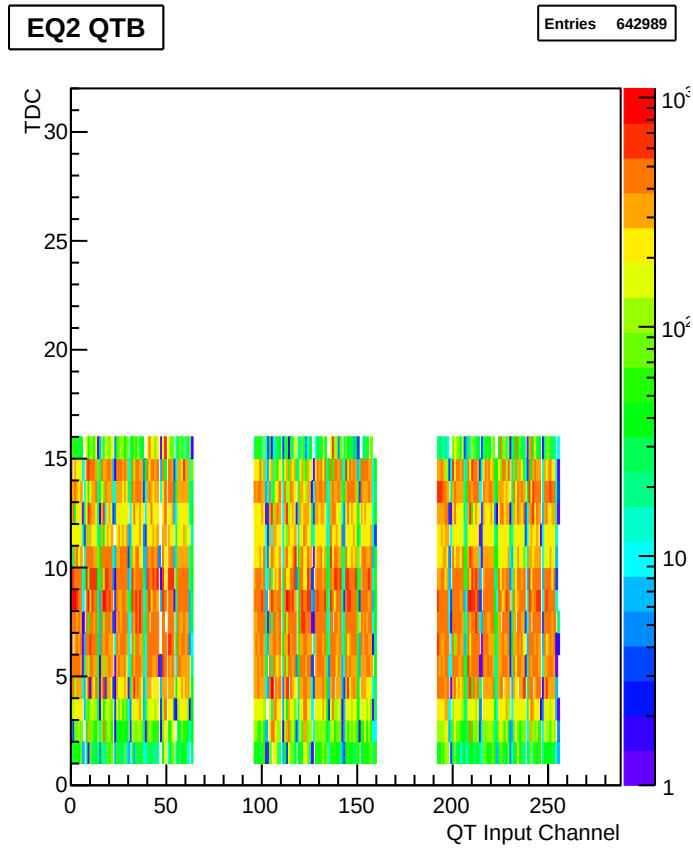

EQ1 QTB
Entries 1827648
ADC
QT Input Channel

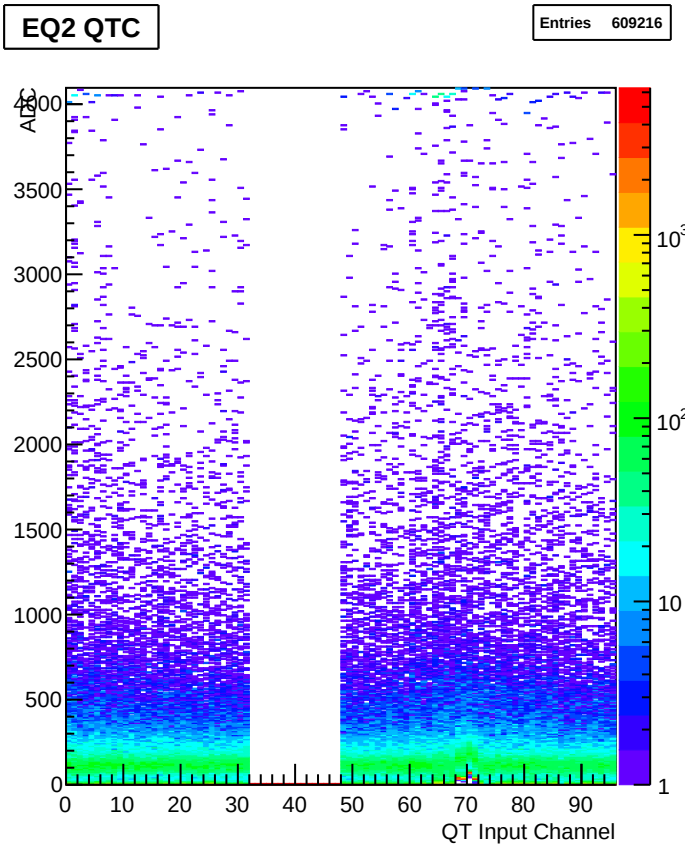

EQ1 QTB
Entries 590635
TDC
QT Input Channel

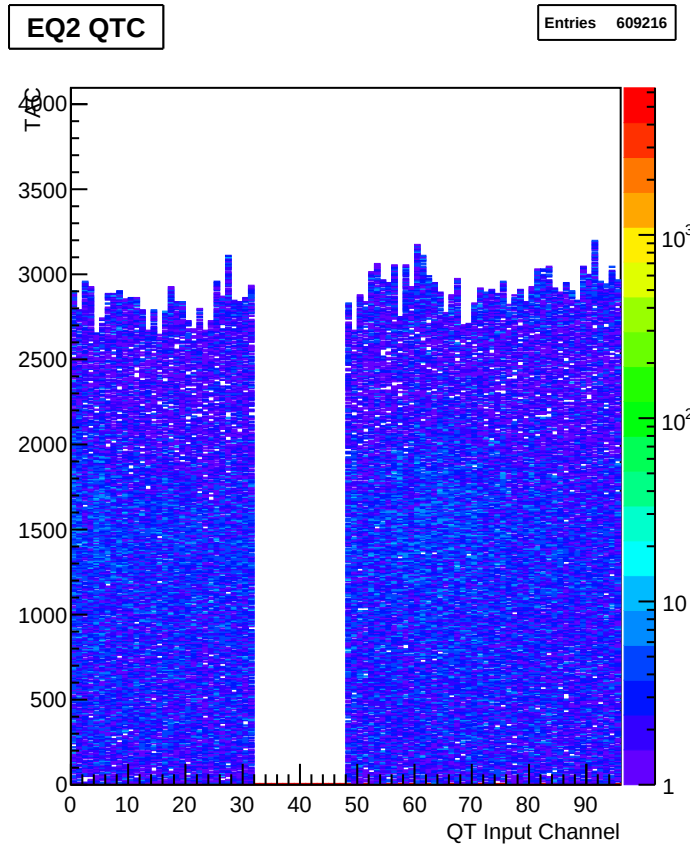

EQ1 QTC
Entries 609216
ADC
QT Input Channel

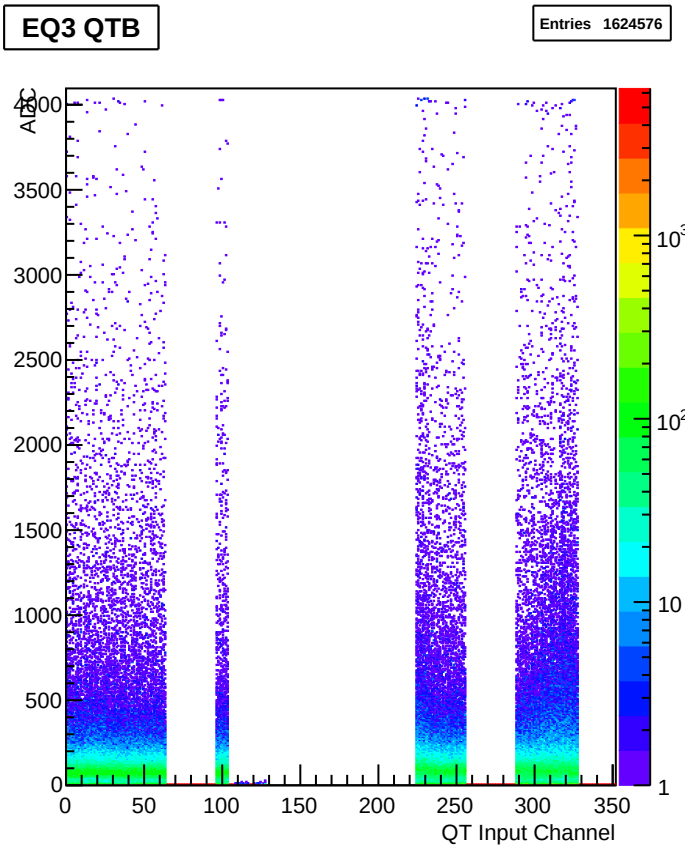

EQ1 QTC
Entries 609216
TADC
QT Input Channel

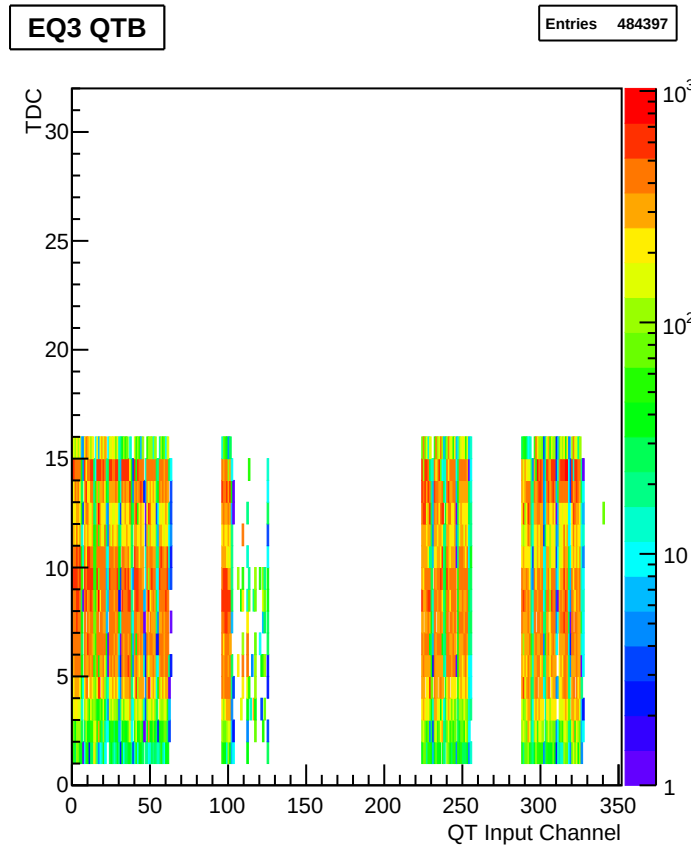

EQ2 QTB
Entries 1827648
ADC
QT Input Channel

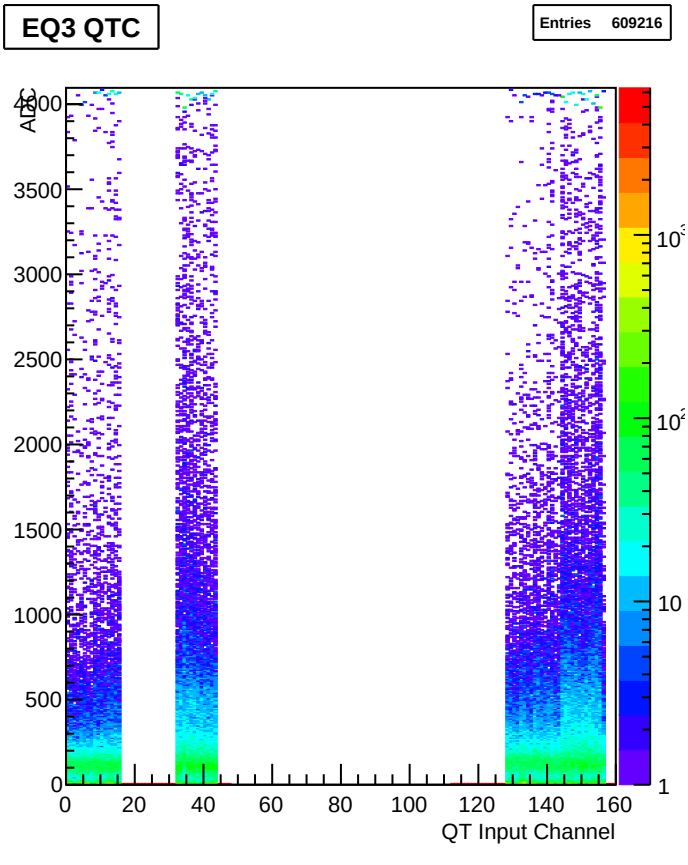

EQ2 QTB
Entries 642989
TDC
QT Input Channel

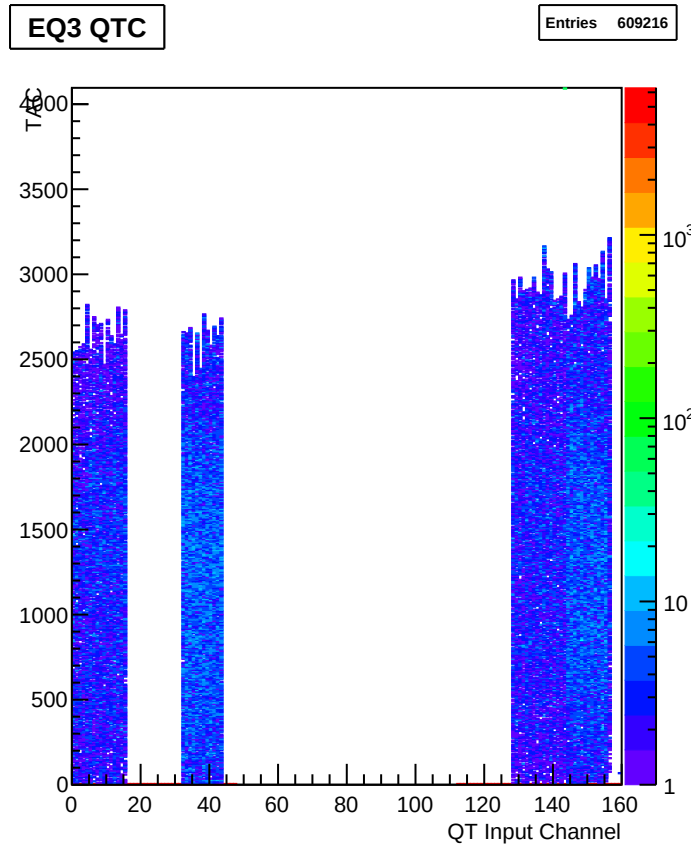

EQ2 QTC
Entries 609216
ADC
QT Input Channel

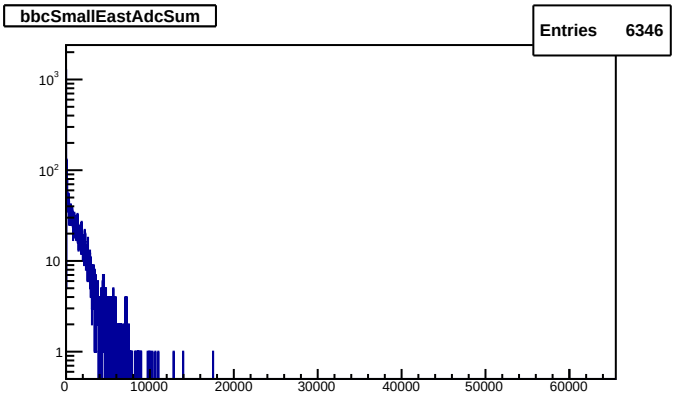

EQ2 QTC
Entries 609216
TADC
QT Input Channel

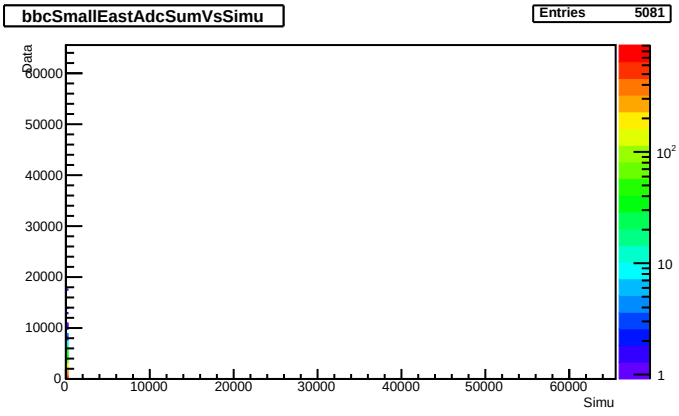

EQ3 QTB
Entries 1624576
ADC
QT Input Channel

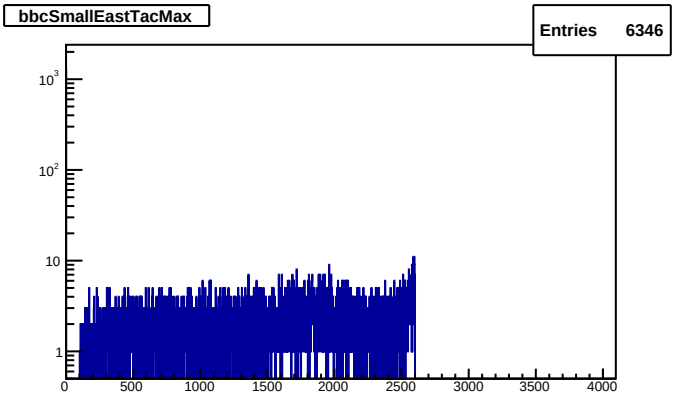

EQ3 QTB
Entries 484397
TDC
QT Input Channel

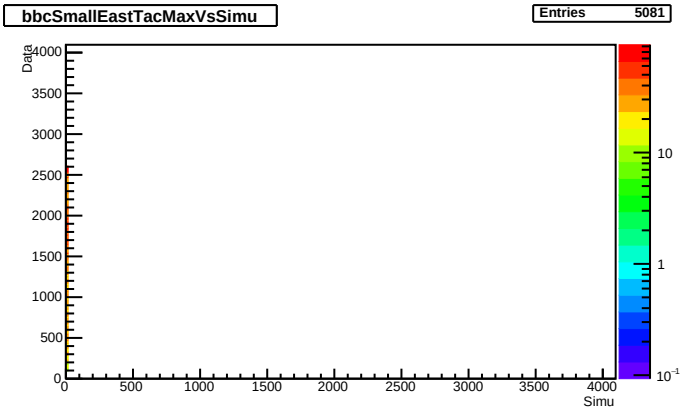

EQ3 QTC
Entries 609216
ADC
QT Input Channel

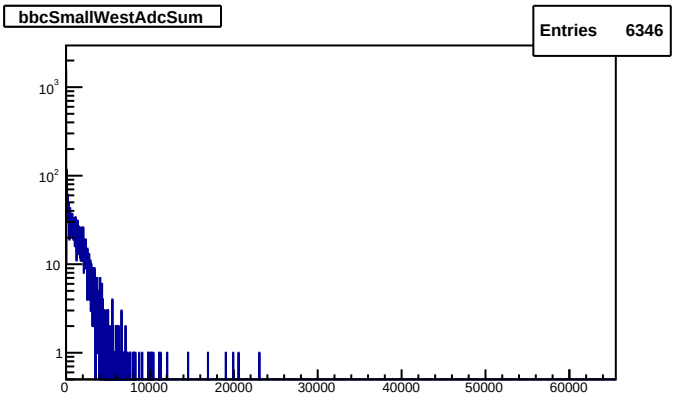

EQ3 QTC
Entries 609216
TADC
QT Input Channel

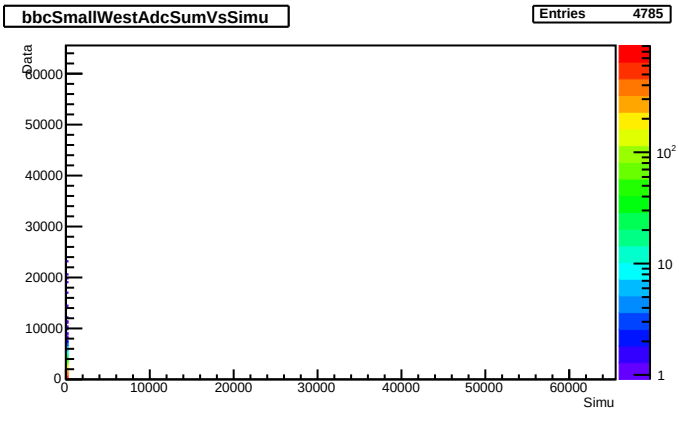

bbcSmallEastAdcSum
Entries 6346

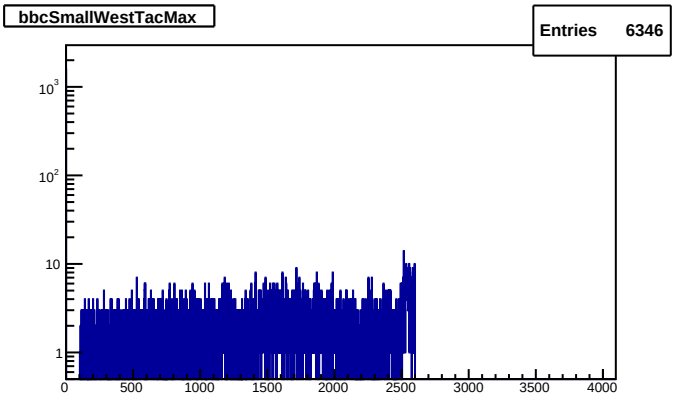

bbcSmallEastAdcSumVsSimu
Entries 5081
Data
Simu

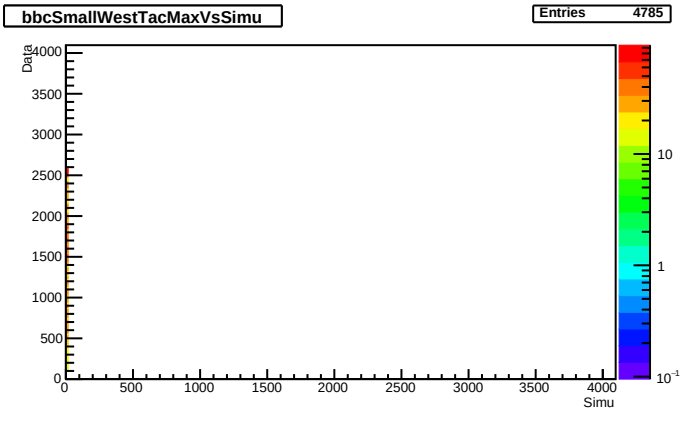

bbcSmallEastTacMax
Entries 6346

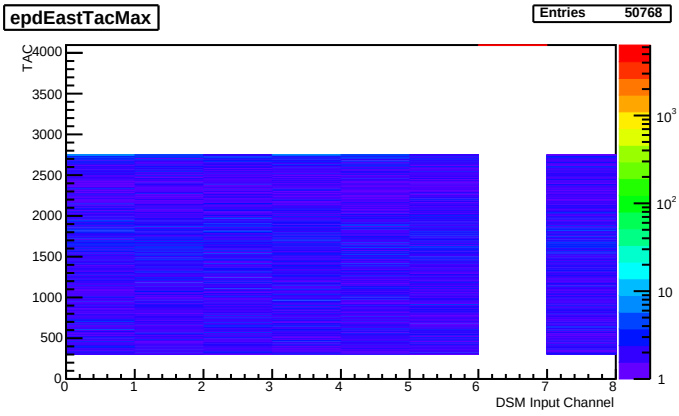

bbcSmallEastTacMaxVsSimu
Entries 5081
Data
Simu

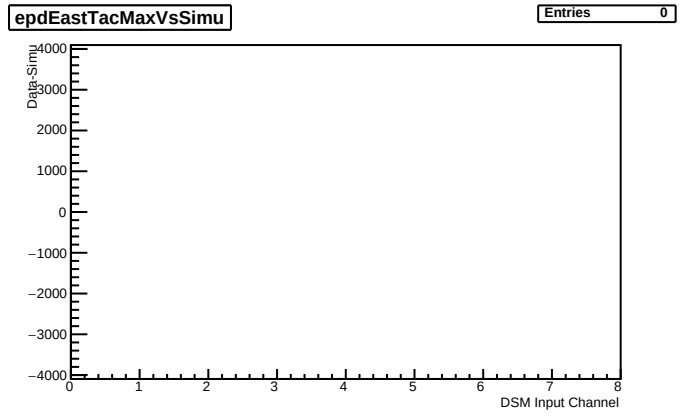

bbcSmallWestAdcSum
Entries 6346

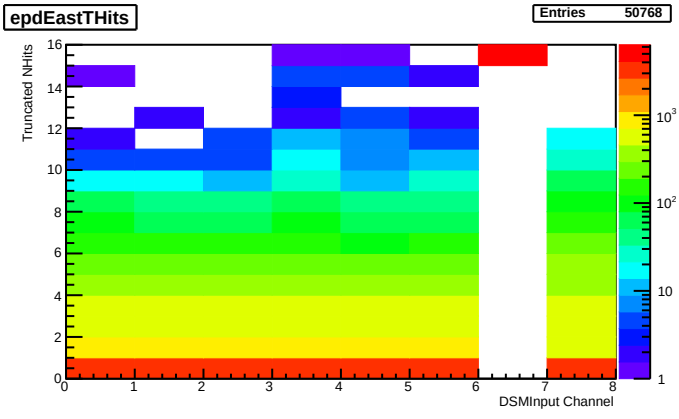

bbcSmallWestAdcSumVsSimu
Entries 4785
Data
Simu

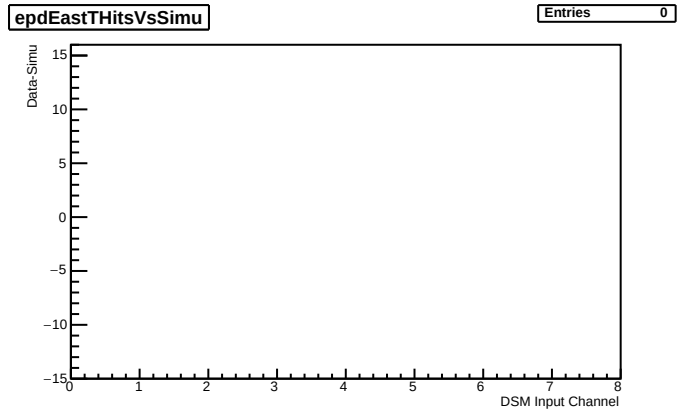

bbcSmallWestTacMax
Entries 6346

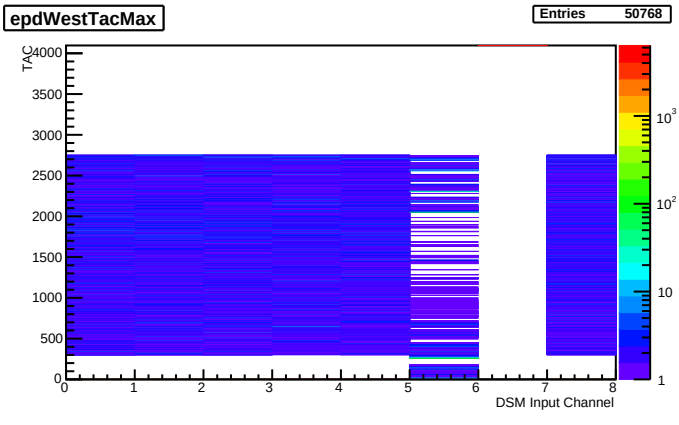

bbcSmallWestTacMaxVsSimu
Entries 4785
Data
Simu

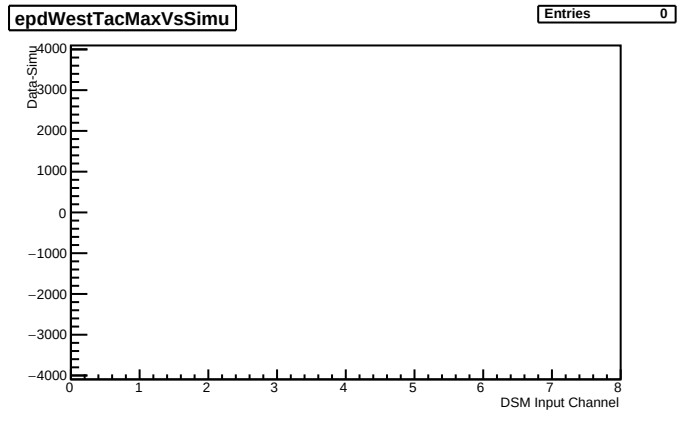

epdEastTacMax
Entries 50768
TAC
DSM Input Channel

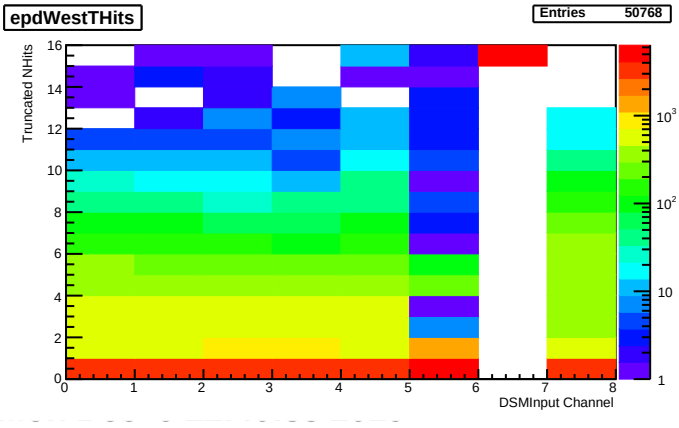

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

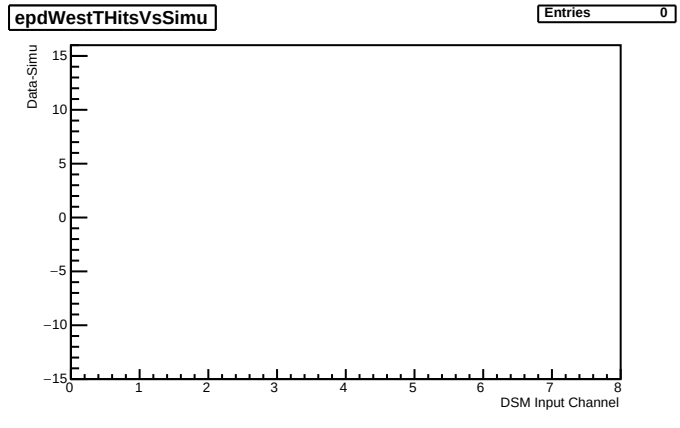

epdEastTHits
Entries 50768
Truncated NHits
DSMInput Channel

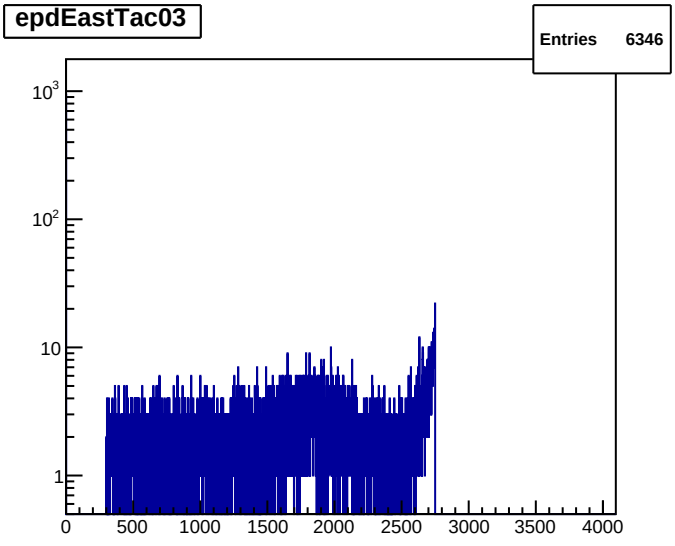

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

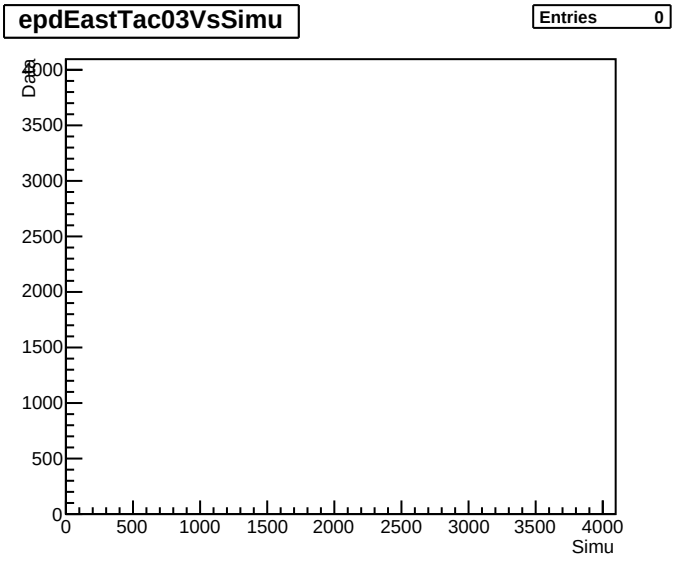

epdWestTacMax
Entries 50768
TAC
DSM Input Channel

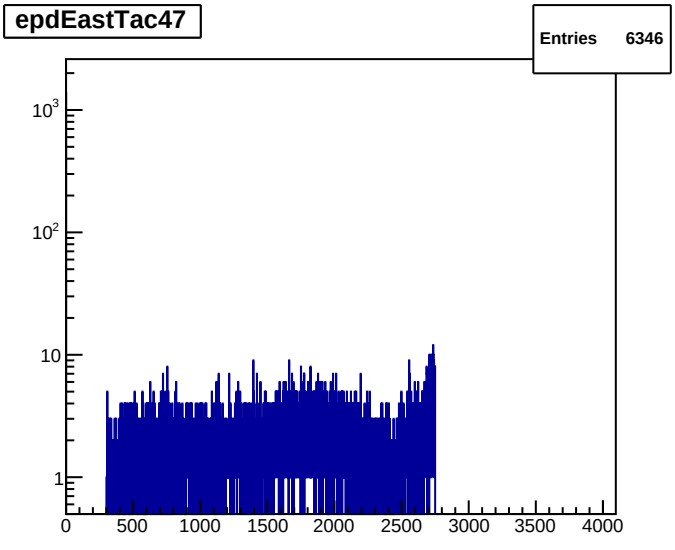

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

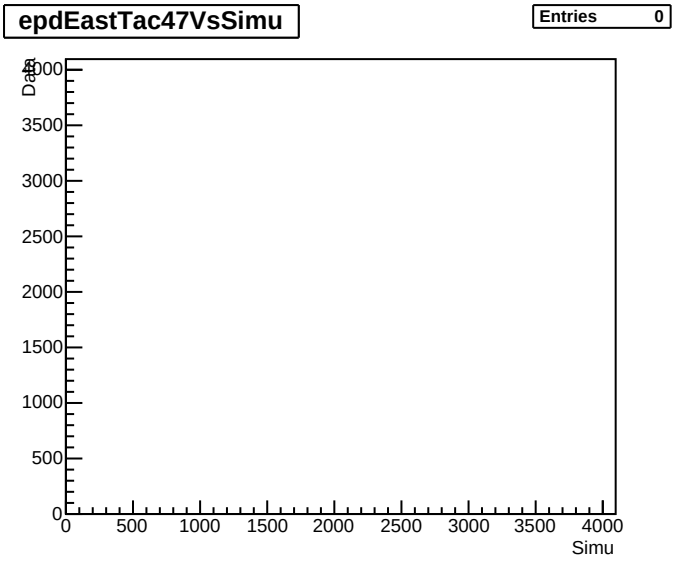

epdWestTHits
Entries 50768
Truncated NHits
DSMInput Channel

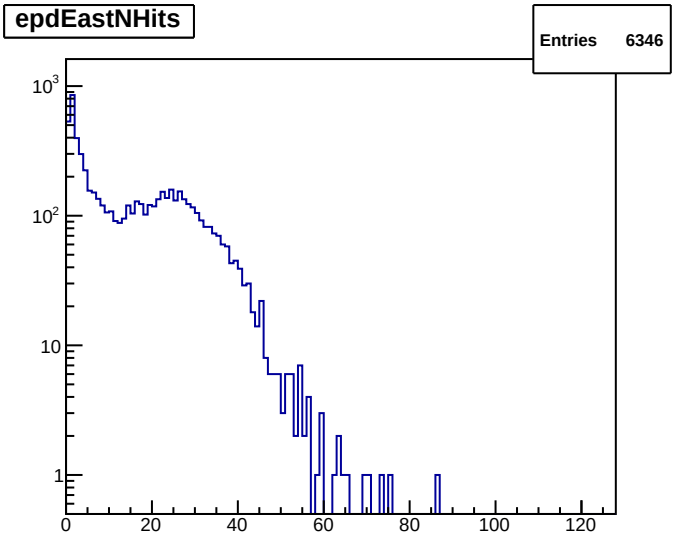

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

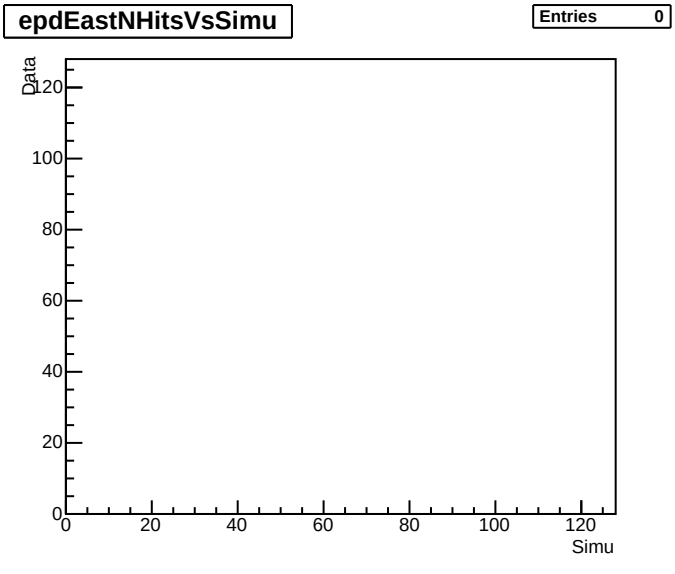

epdEastTac03
Entries 6346

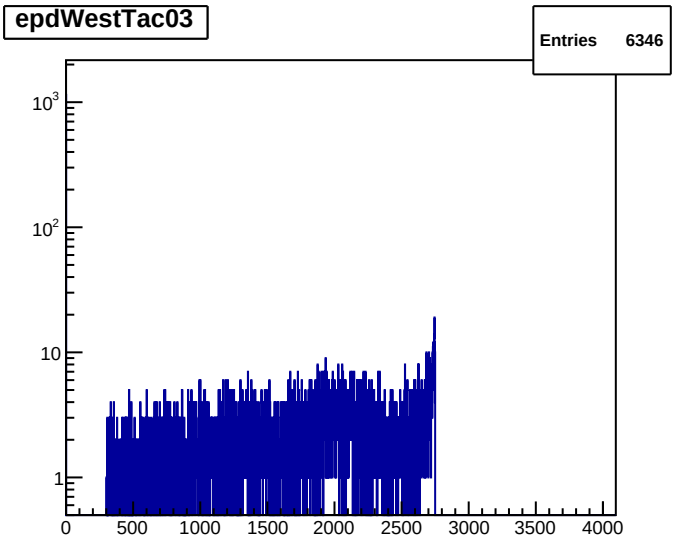

epdEastTac03VsSimu
Entries 0
Data
Simu

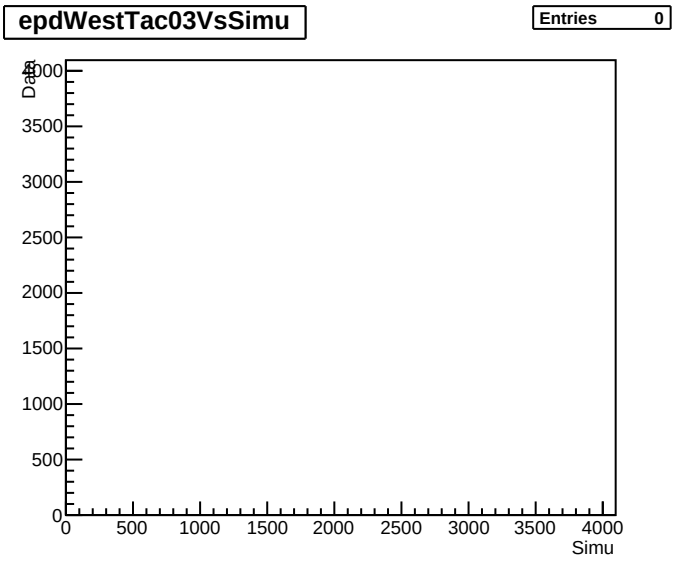

epdEastTac47
Entries 6346

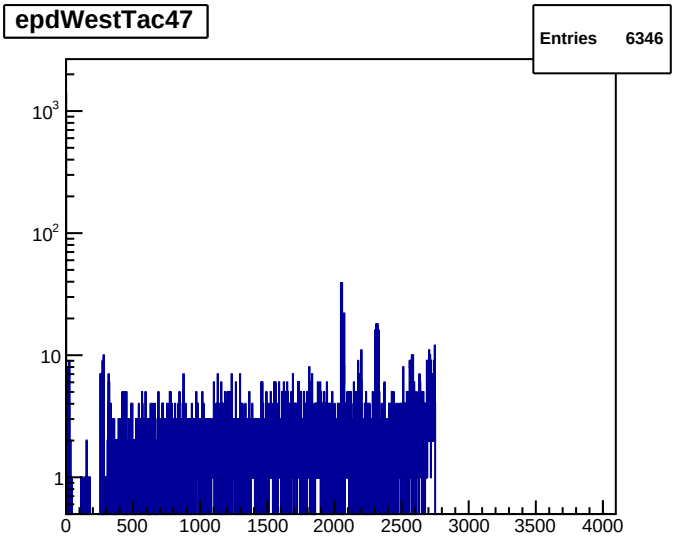

epdEastTac47VsSimu
Entries 0
Data
Simu

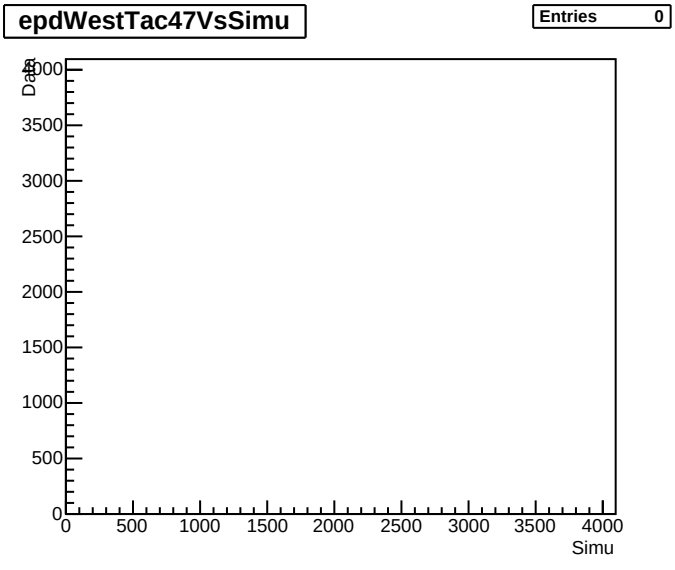

epdEastNHits
Entries 6346

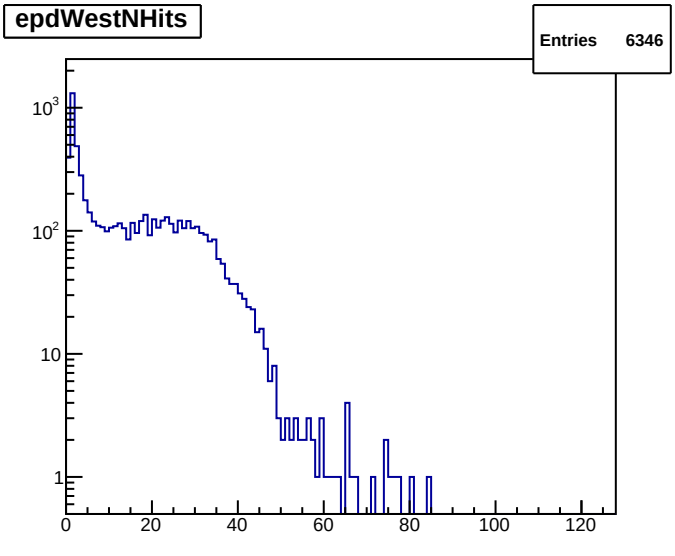

epdEastNHitsVsSimu
Entries 0
Data
Simu

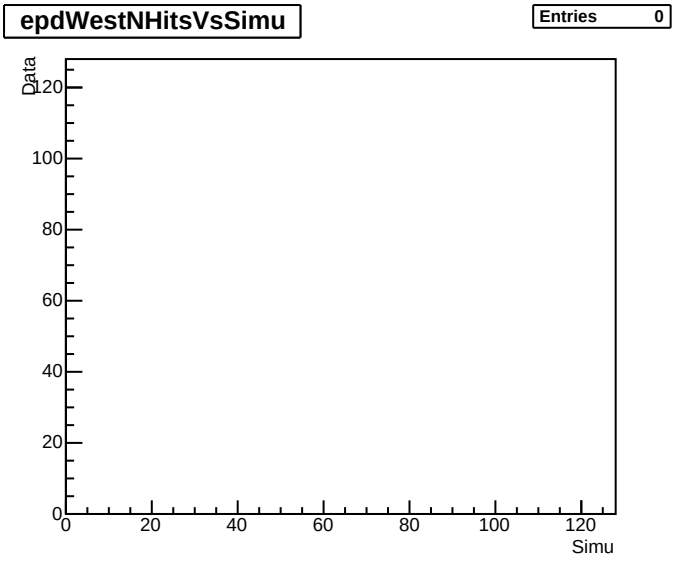

epdWestTac03
Entries 6346

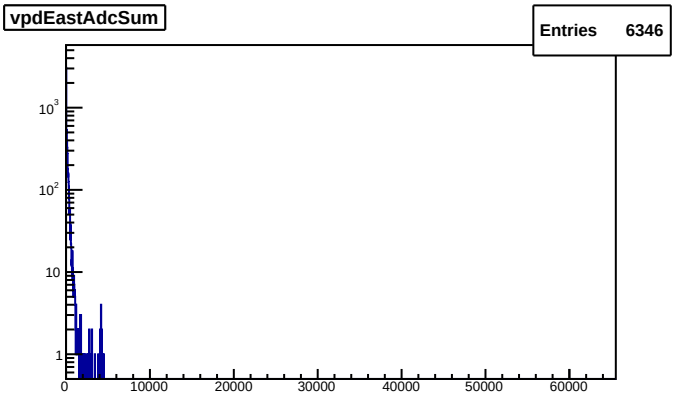

epdWestTac03VsSimu
Entries 0
Data
Simu

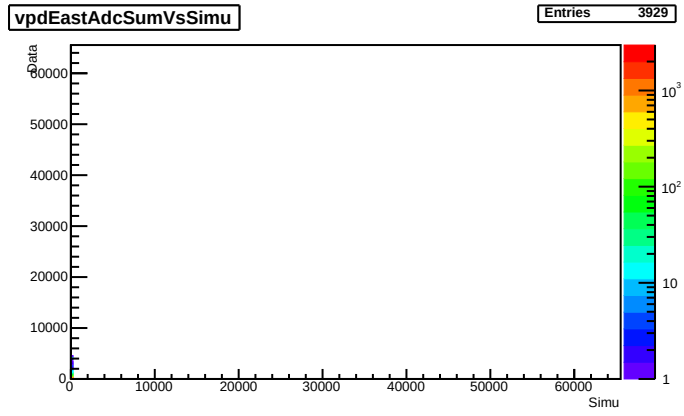

epdWestTac47
Entries 6346

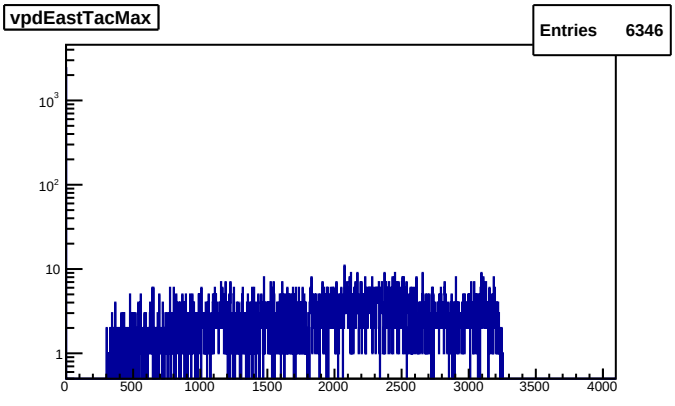

epdWestTac47VsSimu
Entries 0
Data
Simu

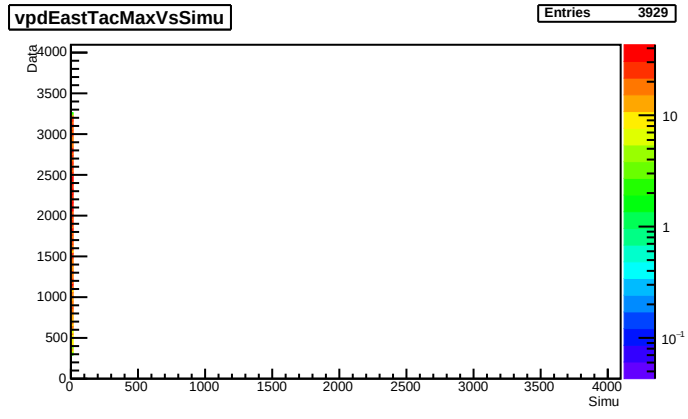

epdWestNHits
Entries 6346

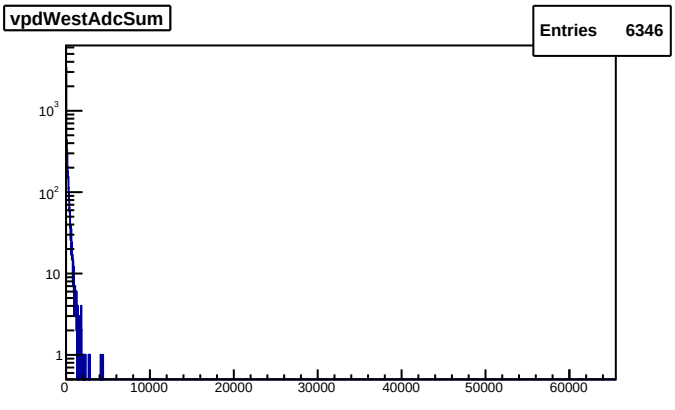

epdWestNHitsVsSimu
Entries 0
Data
Simu

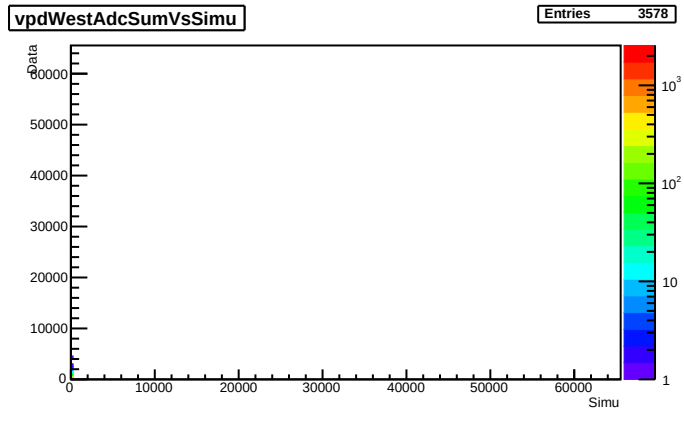

vpdEastAdcSum
Entries 6346

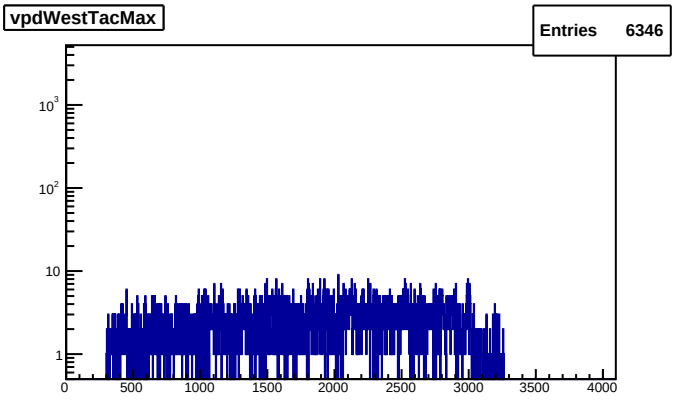

vpdEastAdcSumVsSimu
Entries 3929
Data
Simu

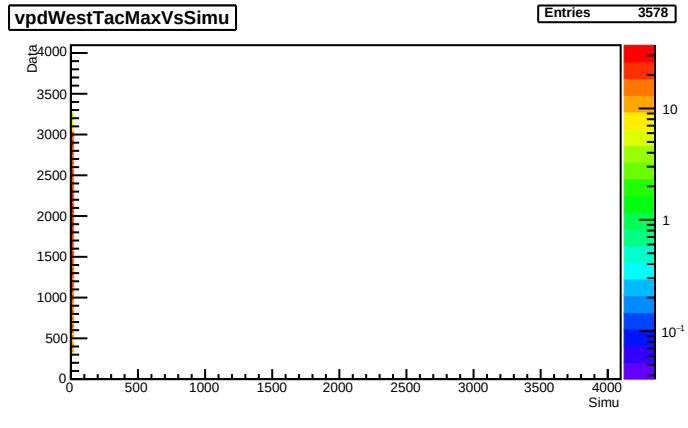

vpdEastTacMax
Entries 6346

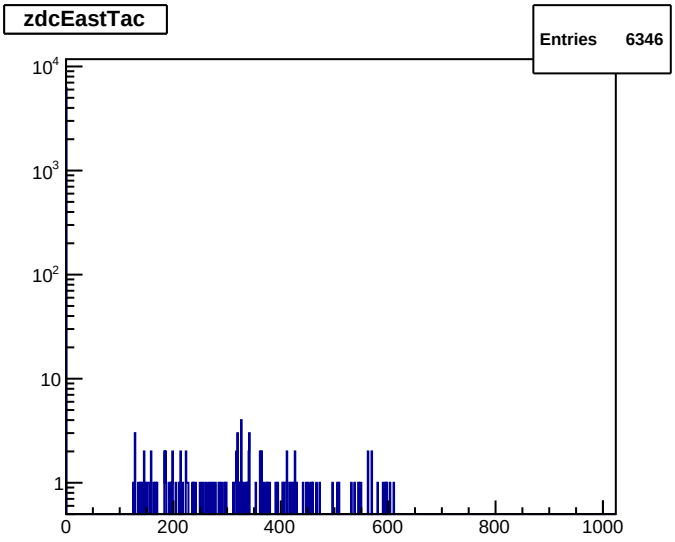

vpdEastTacMaxVsSimu
Entries 3929
Data
Simu

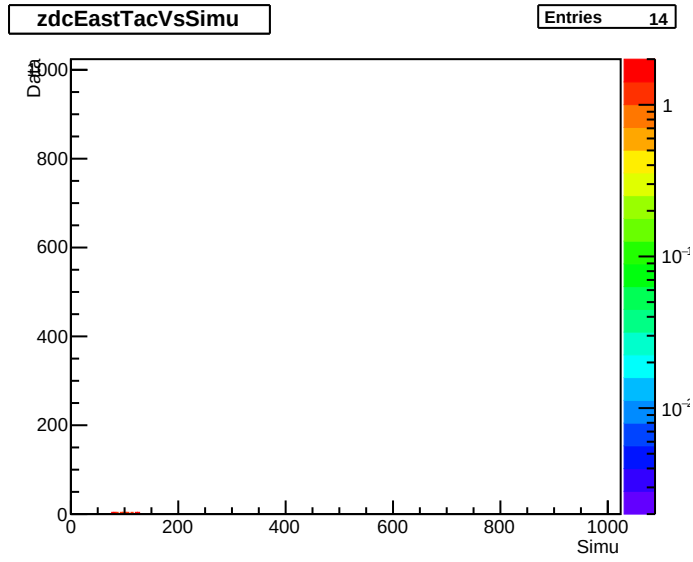

vpdWestAdcSum
Entries 6346

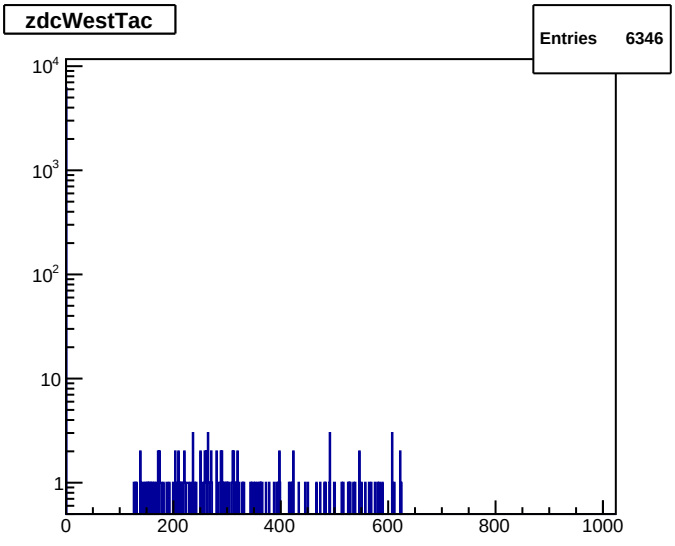

vpdWestAdcSumVsSimu
Entries 3578
Data
Simu

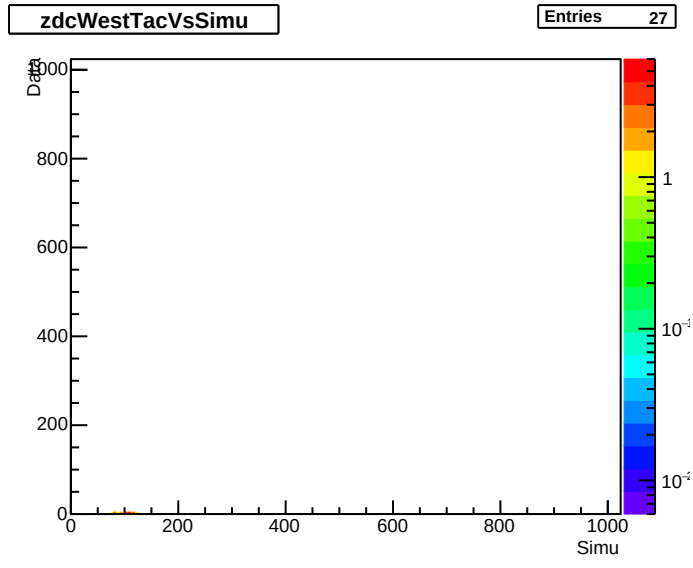

vpdWestTacMax
Entries 6346

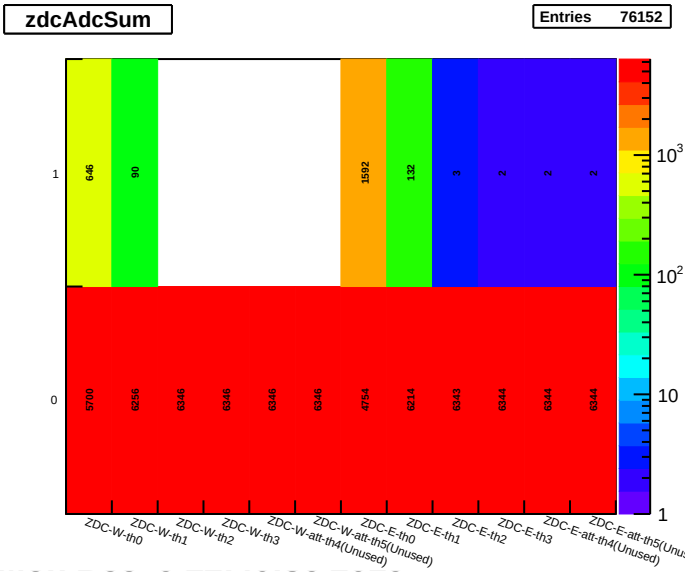

vpdWestTacMaxVsSimu
Entries 3578
Data
Simu

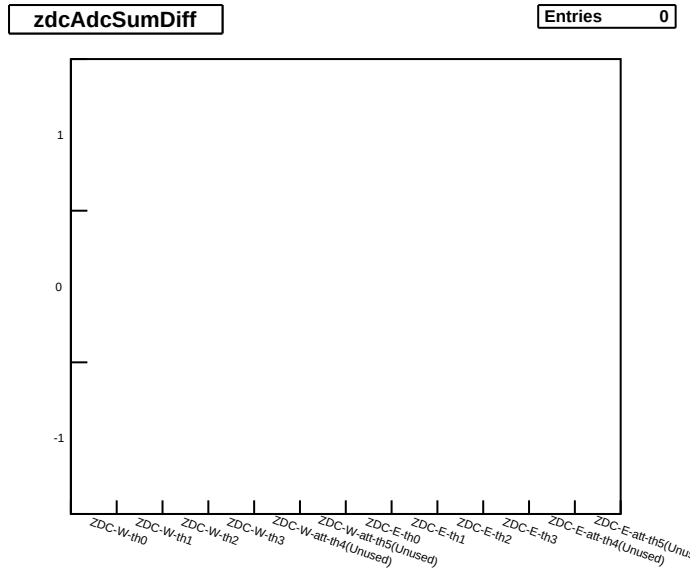

zdcEastTac
Entries 6346

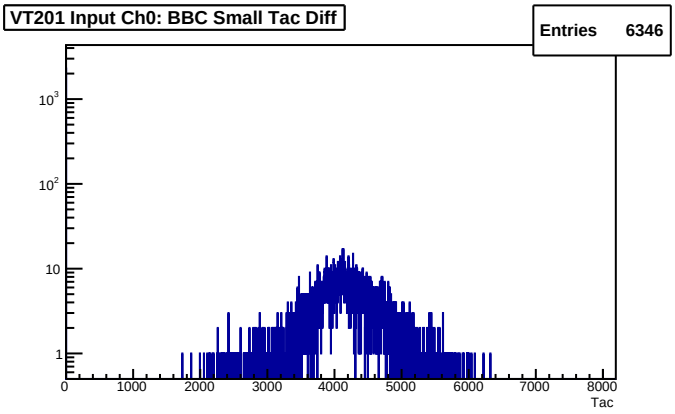

zdcEastTacVsSimu
Entries 14
Data
Simu

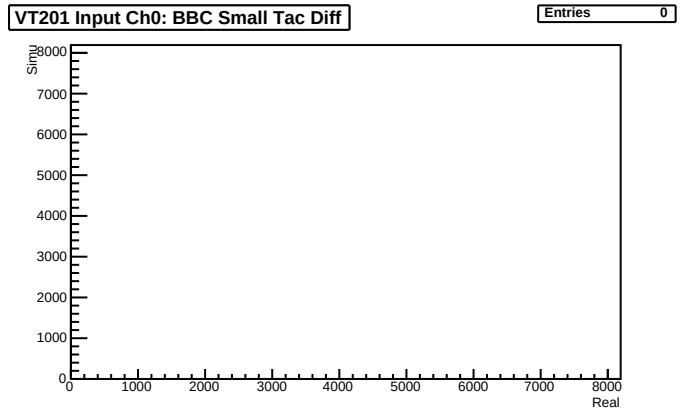

zdcWestTac
Entries 6346

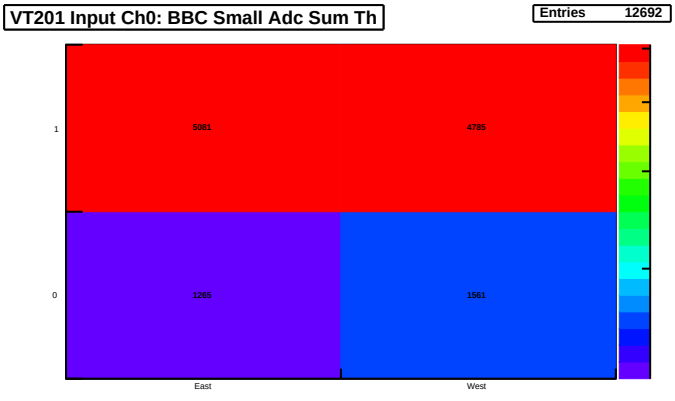

zdcWestTacVsSimu
Entries 27
Data
Simu

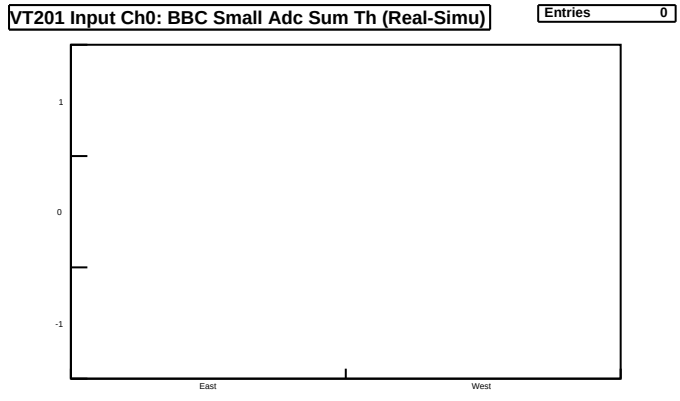

zdcAdcSum
Entries 76152
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

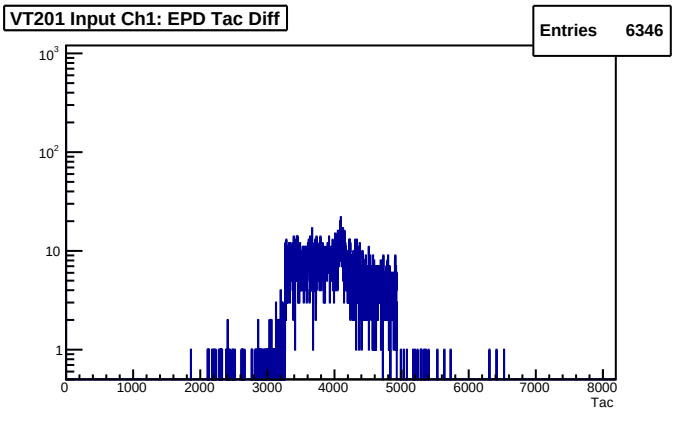

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

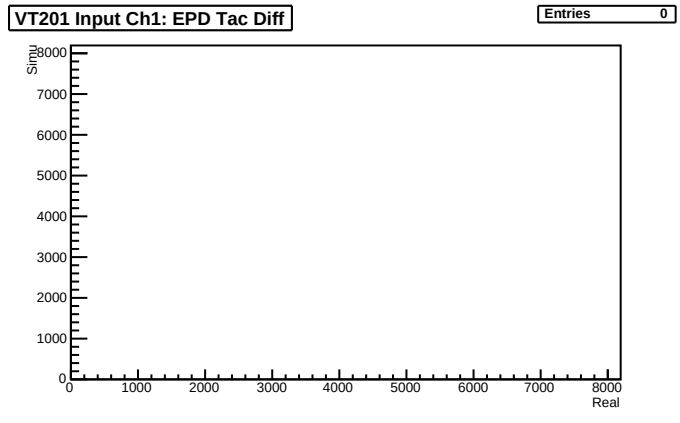

VT201 Input Ch0: BBC Small Tac Diff
Entries 6346
Tac

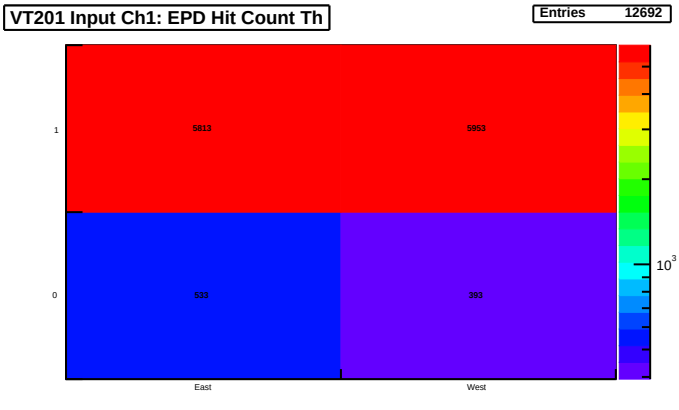

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

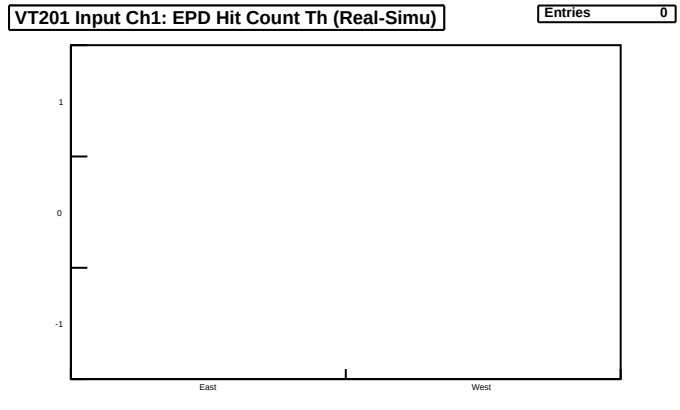

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 12692
5081
4785
1265
1561
East
West

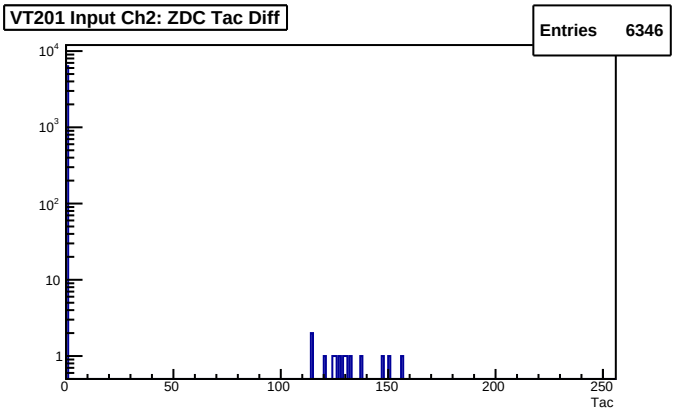

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

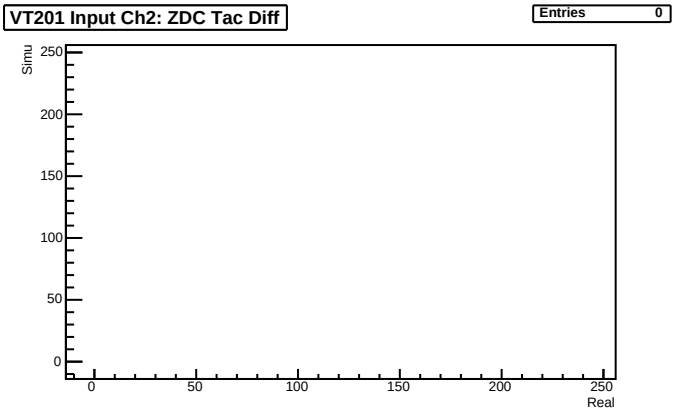

VT201 Input Ch1: EPD Tac Diff
Entries 6346
Tac

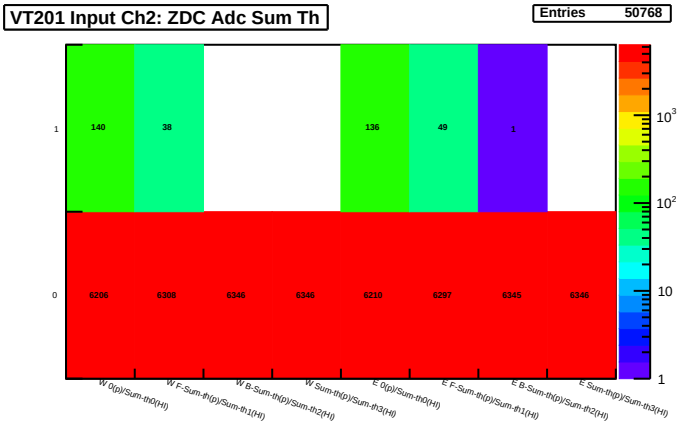

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

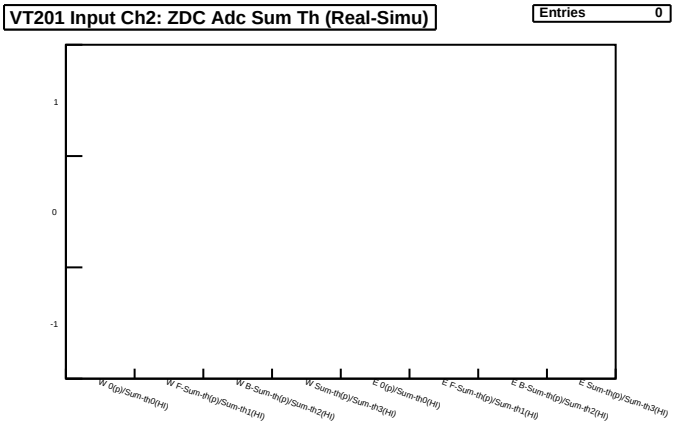

VT201 Input Ch1: EPD Hit Count Th
Entries 12692
5813
5953
533
393
East
West

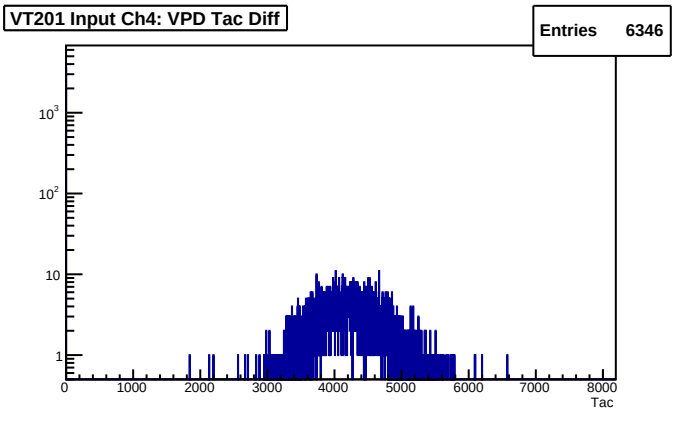

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

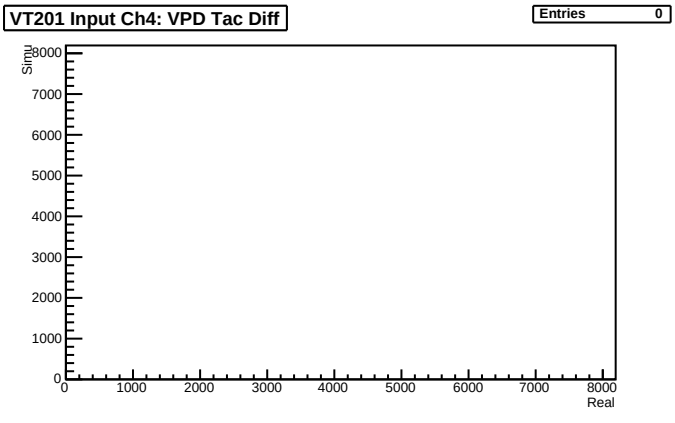

VT201 Input Ch2: ZDC Tac Diff
Entries 6346
Tac

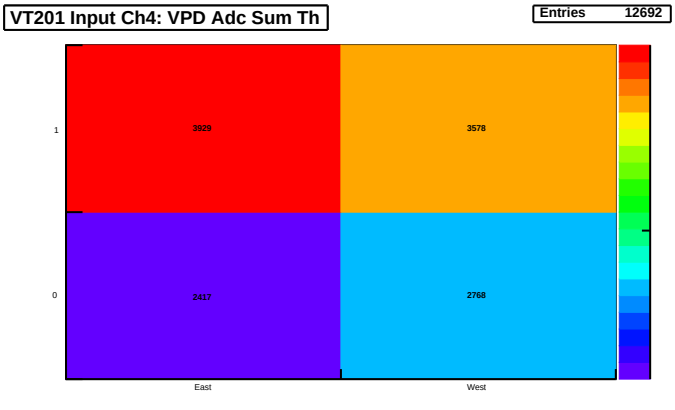

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

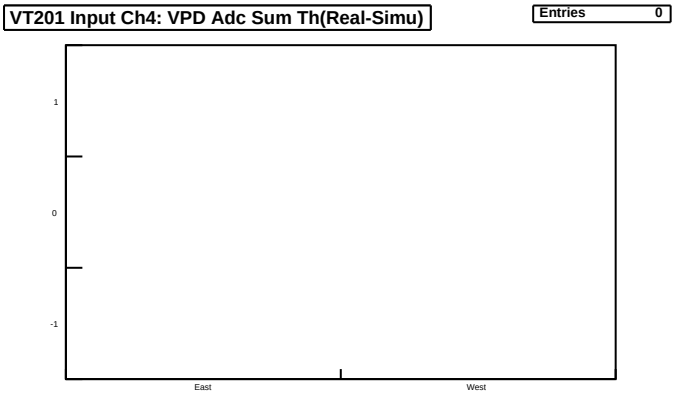

VT201 Input Ch2: ZDC Adc Sum Th
Entries 50768
140
38
136
49
1
6206
6308
6346
6346
6210
6297
6345
6346
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

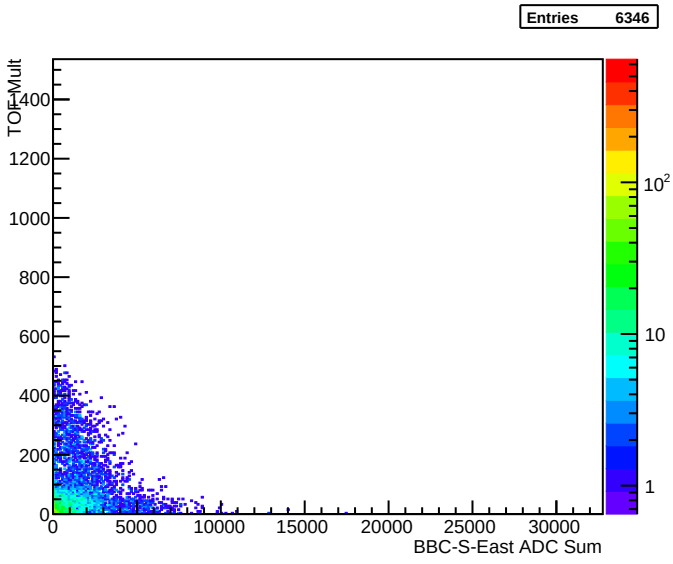

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

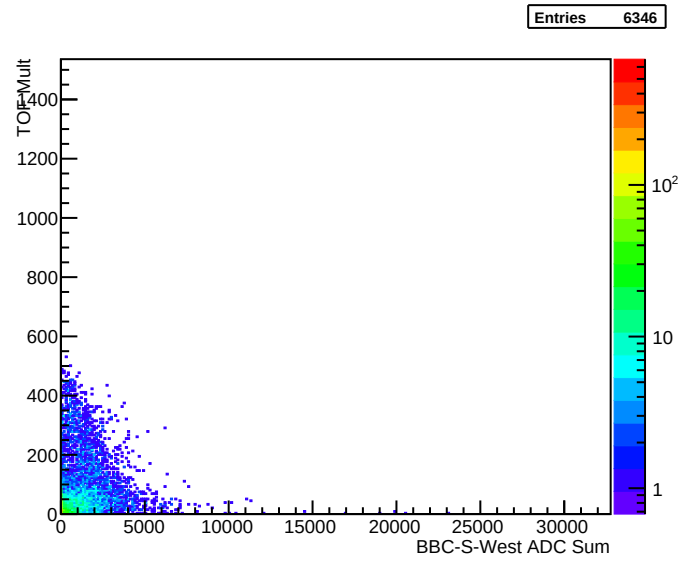

VT201 Input Ch4: VPD Tac Diff
Entries 6346
Tac

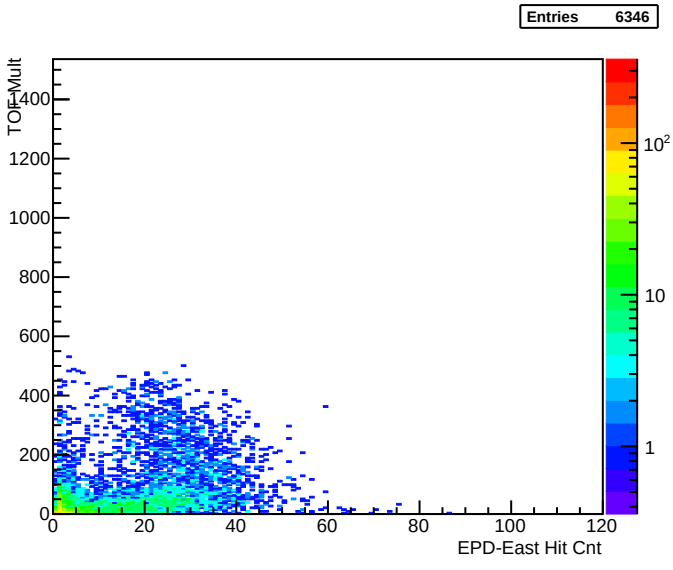

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

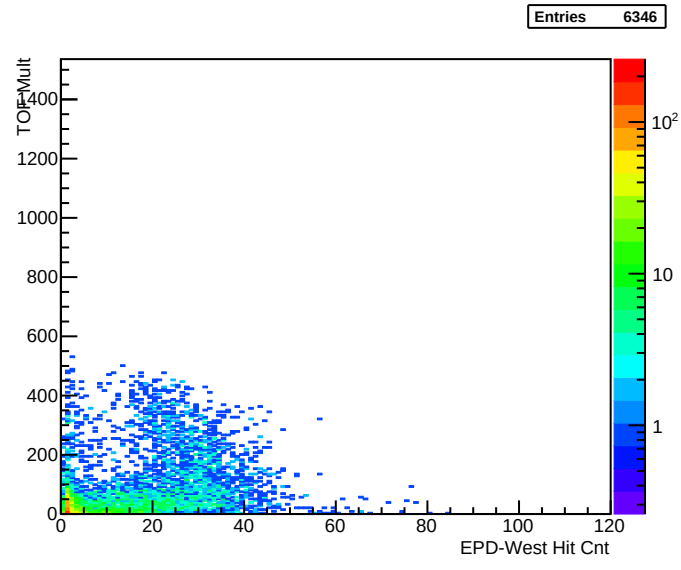

VT201 Input Ch4: VPD Adc Sum Th
Entries 12692
3929
3578
2417
2768
East
West

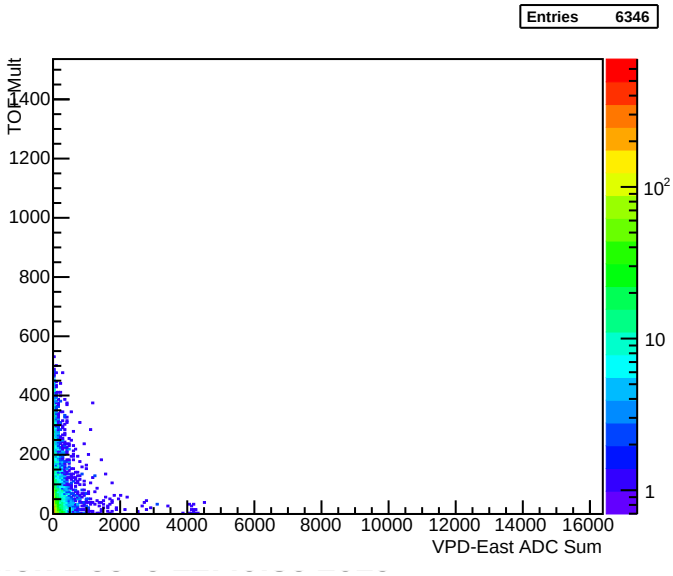

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

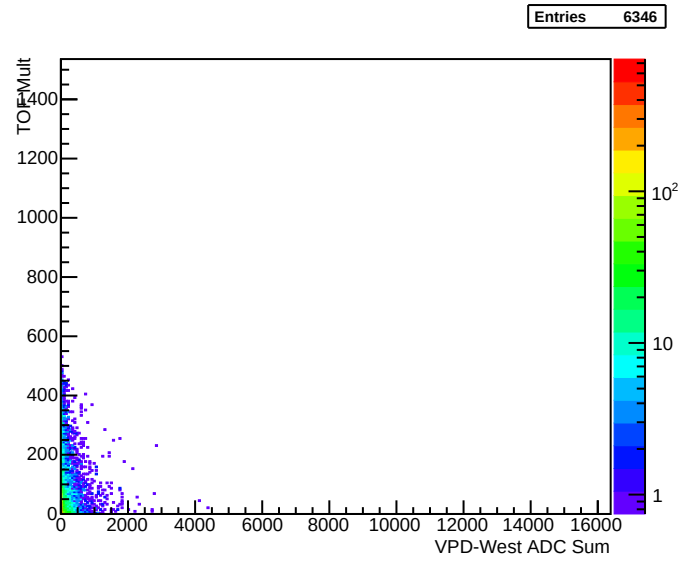

Entries 6346
TOF-Mult
BBC-S-East ADC Sum

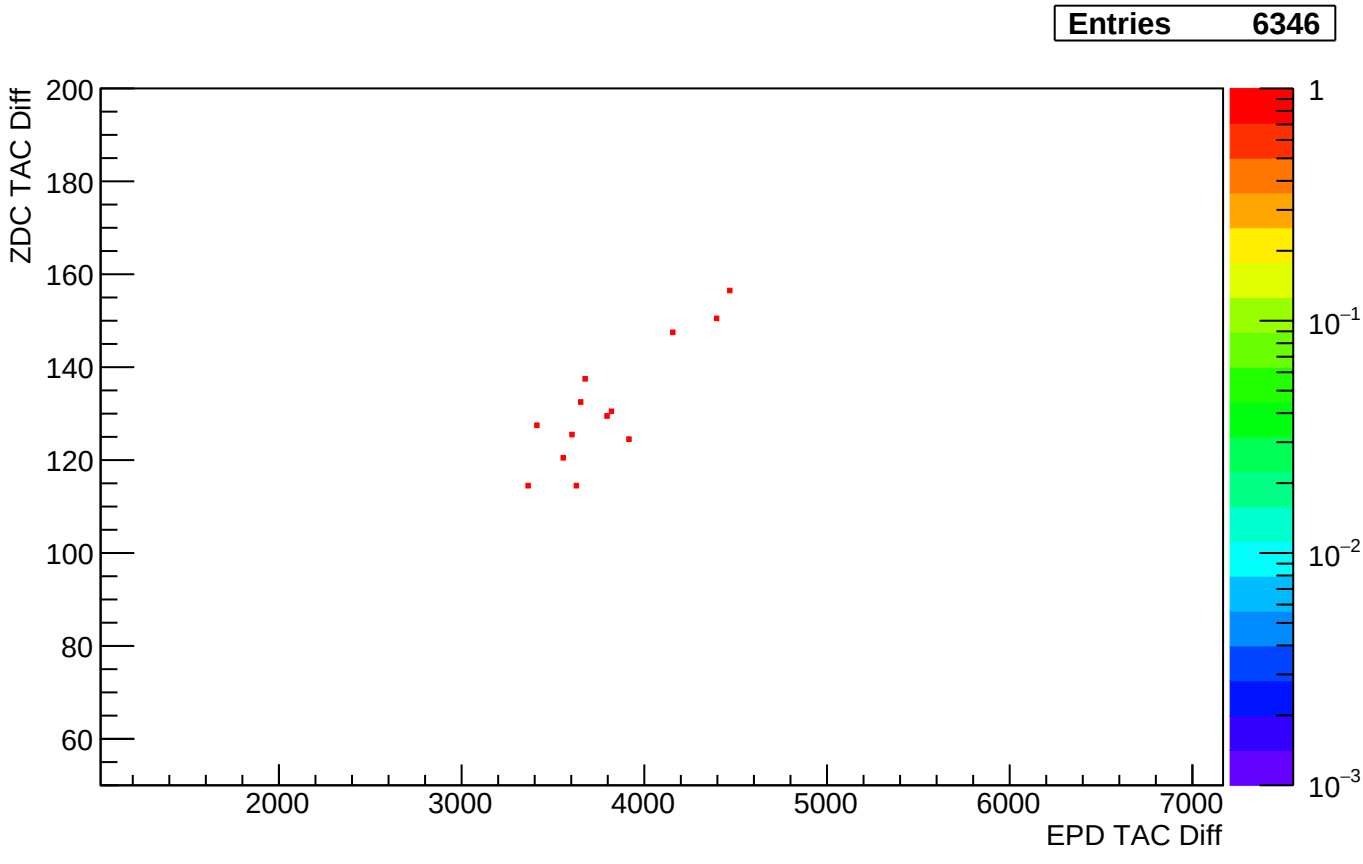

Entries 6346
TOF-Mult
BBC-S-West ADC Sum

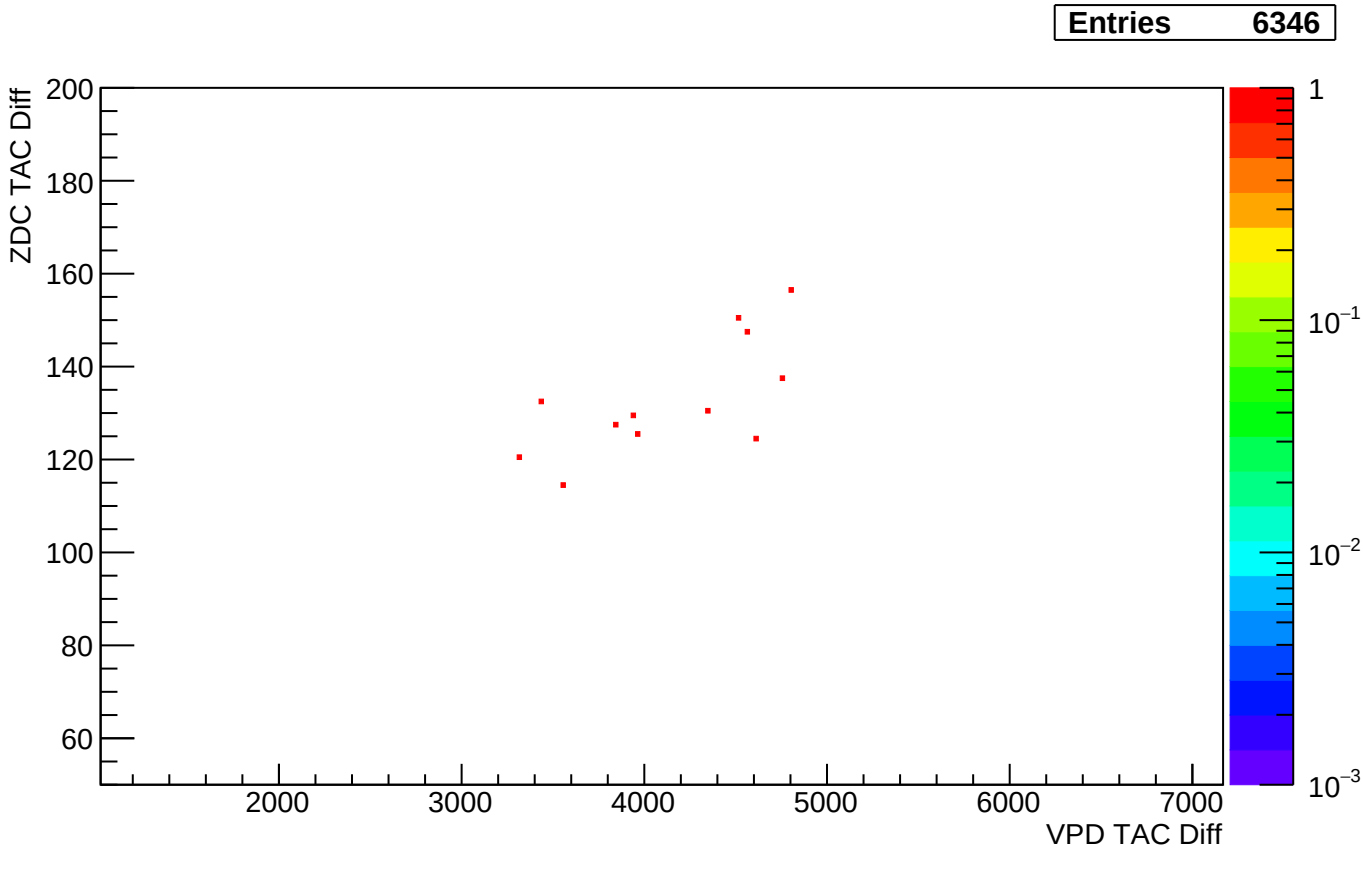

Entries 6346
TOF-Mult
EPD-East Hit Cnt

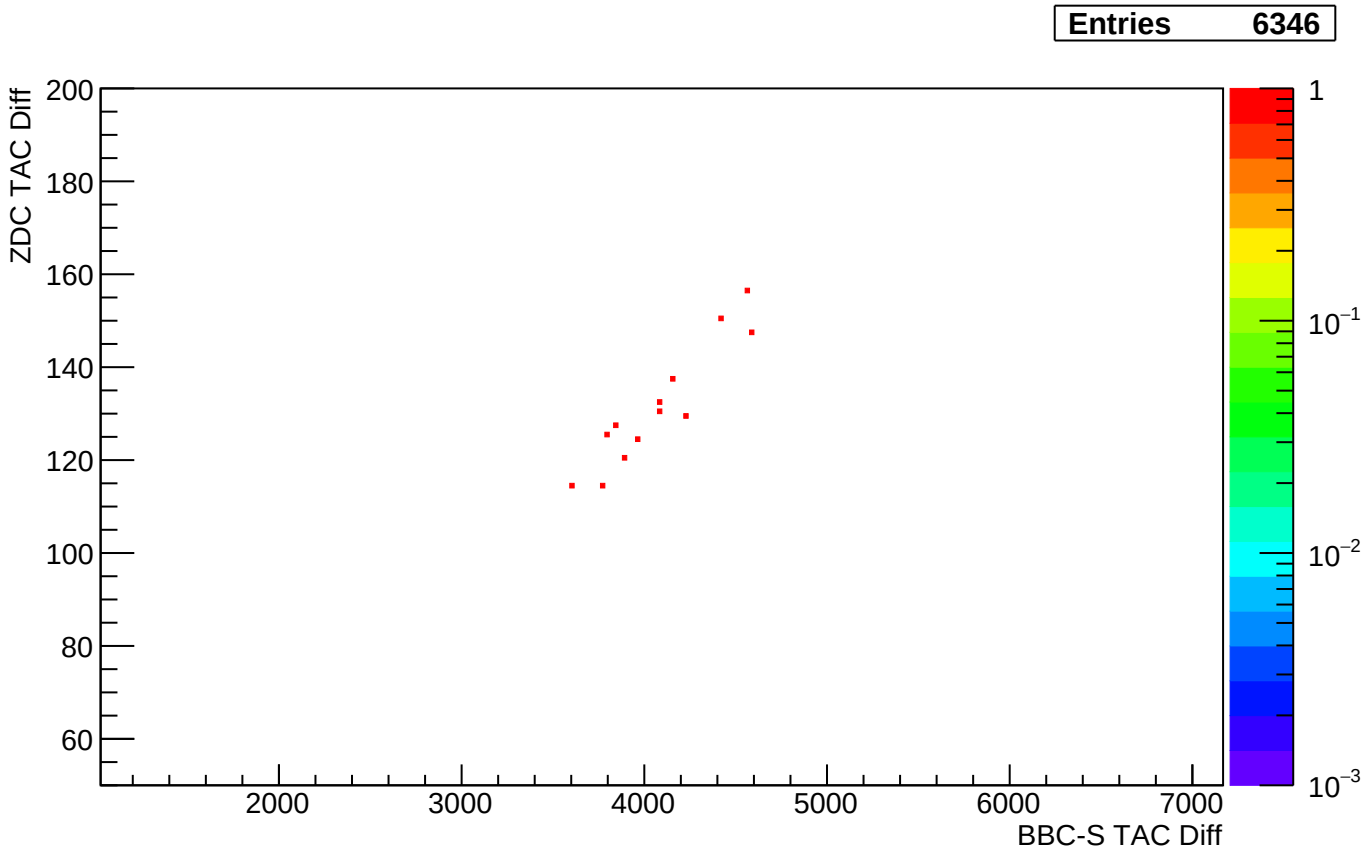

Entries 6346
TOF-Mult
EPD-West Hit Cnt

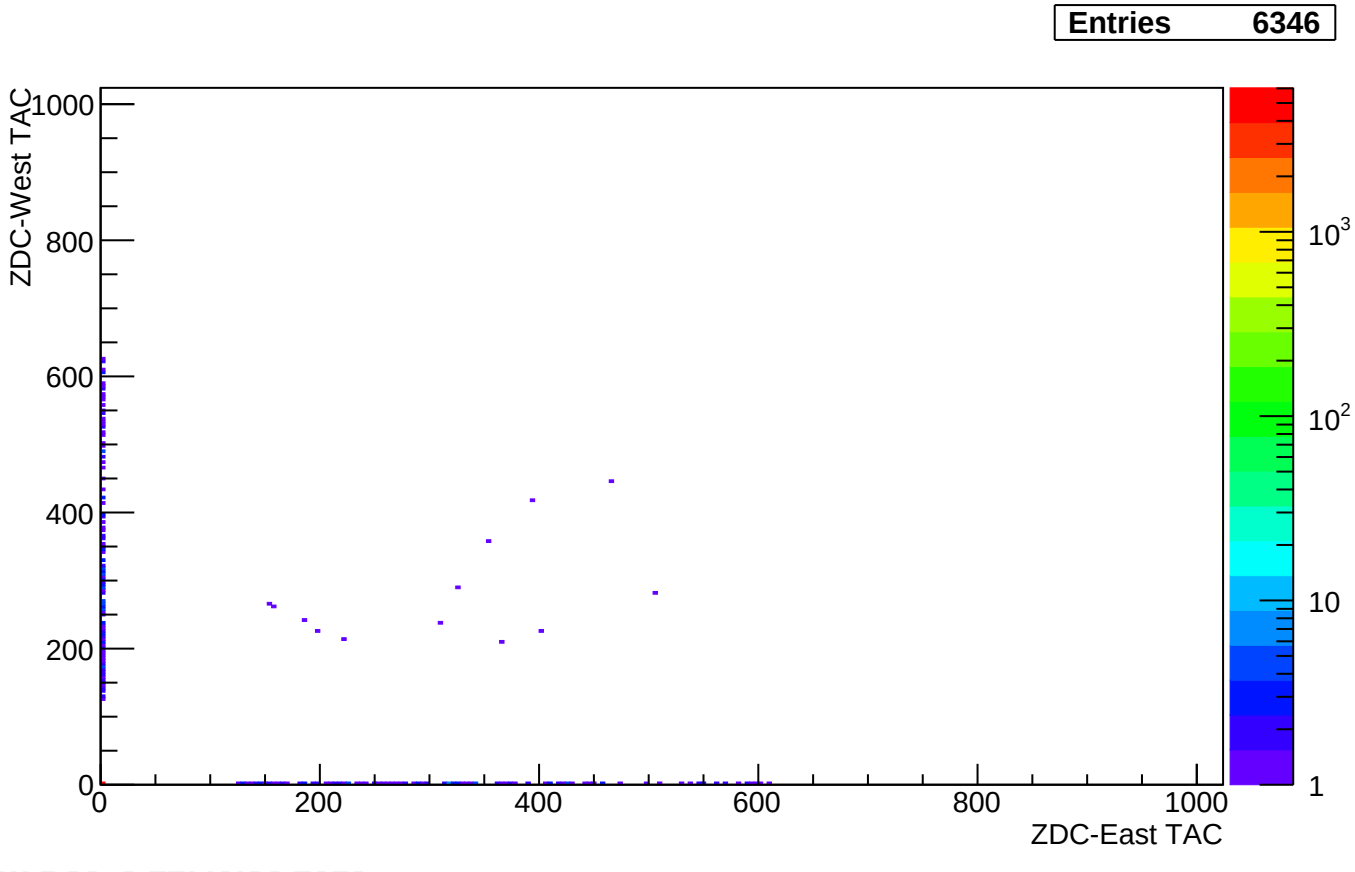

Entries 6346
TOF-Mult
VPD-East ADC Sum

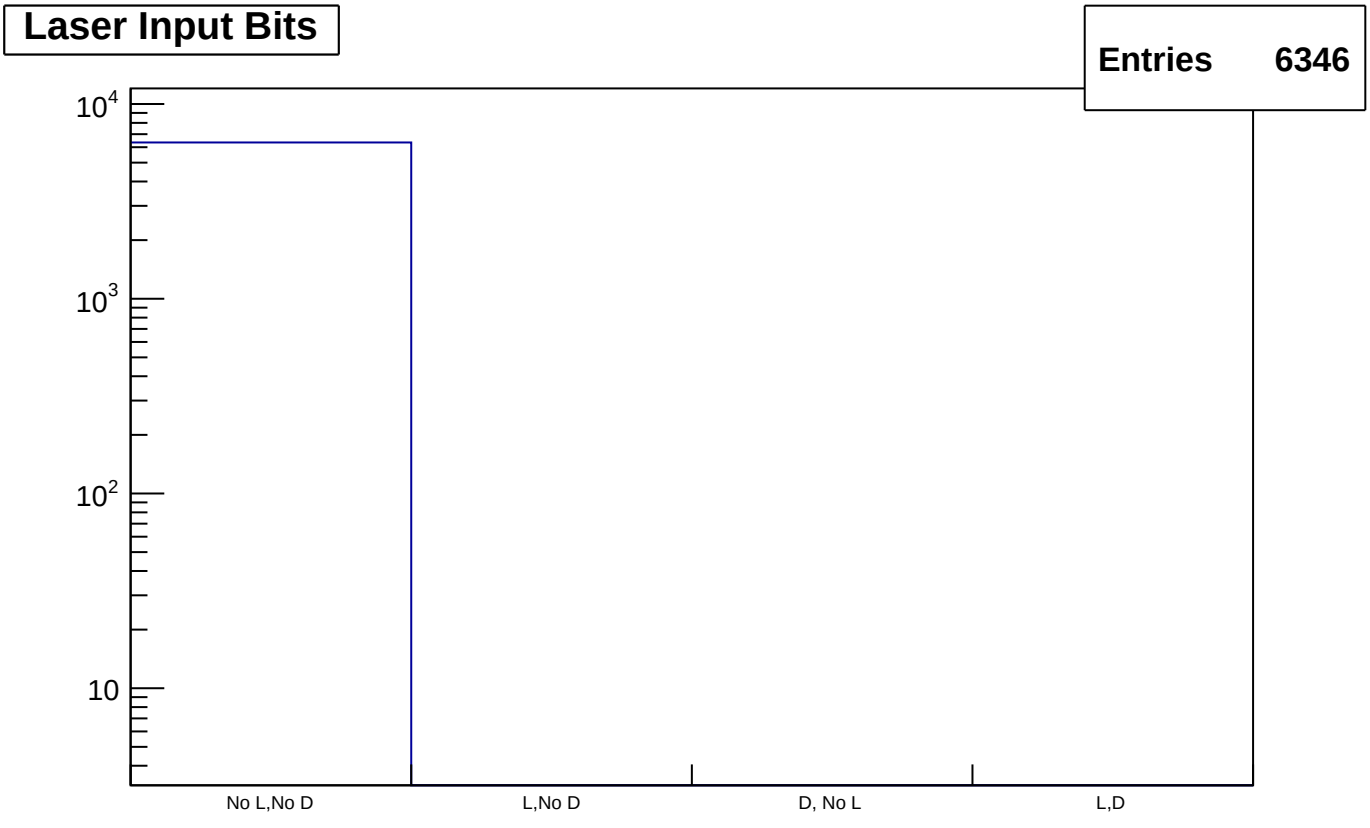

Entries 6346
TOF-Mult
VPD-West ADC Sum

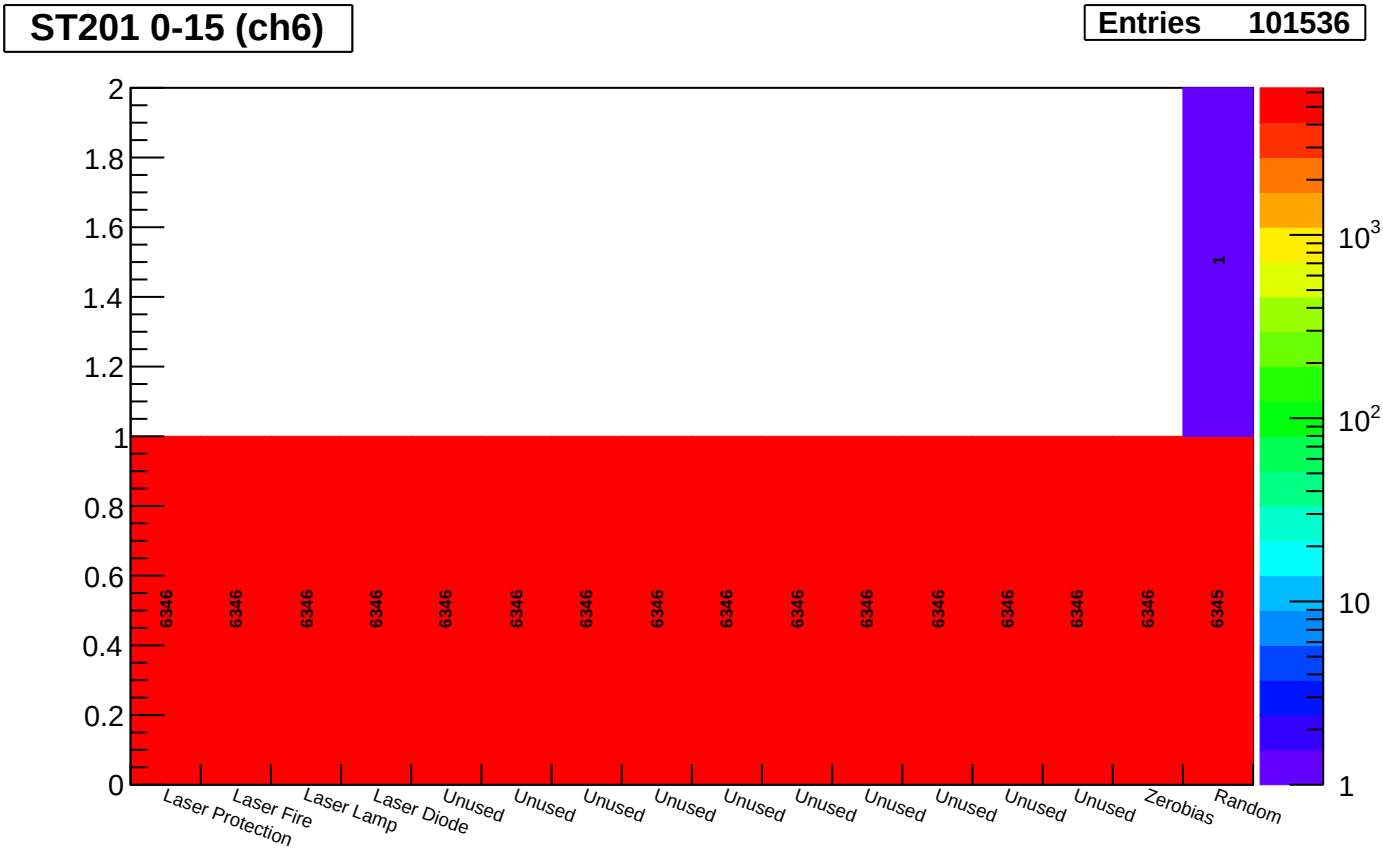

Entries 6346
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

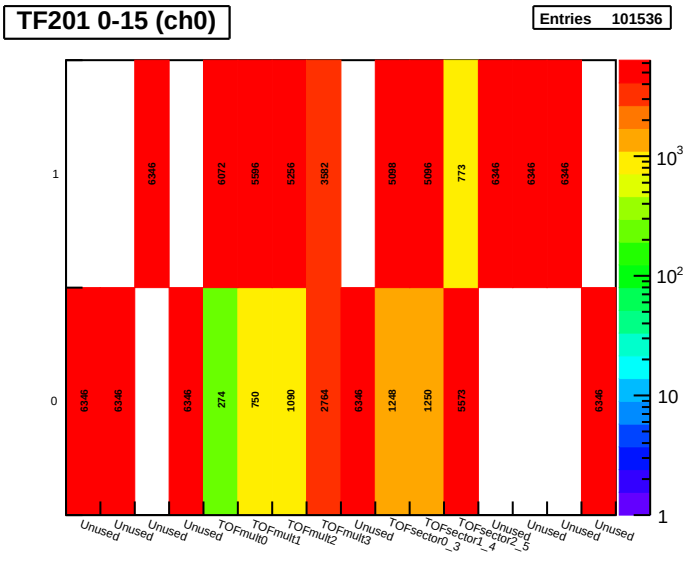

Entries 6346
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

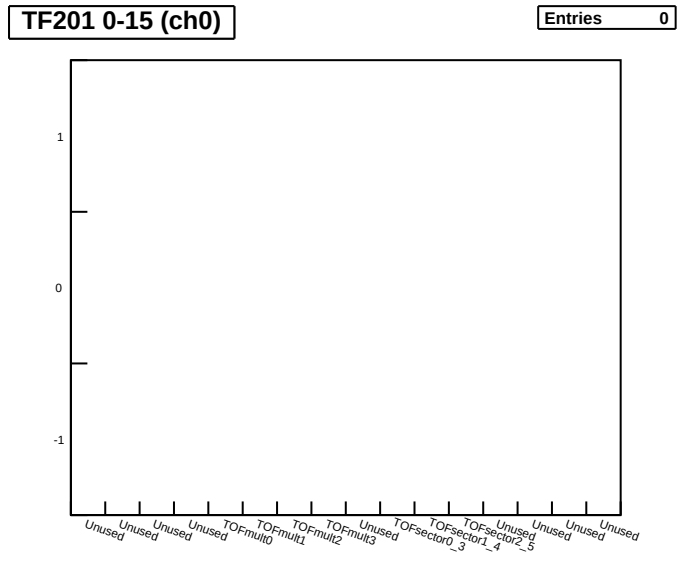

Entries 6346
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

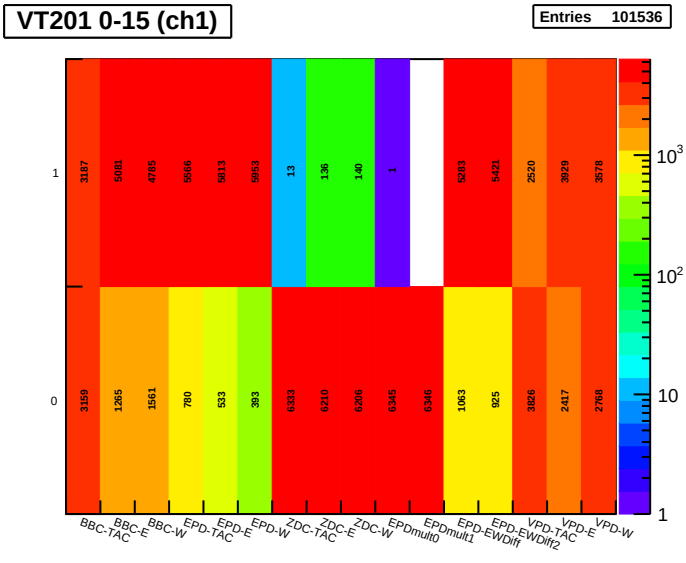

Entries 6346
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^3
10^2
10
1

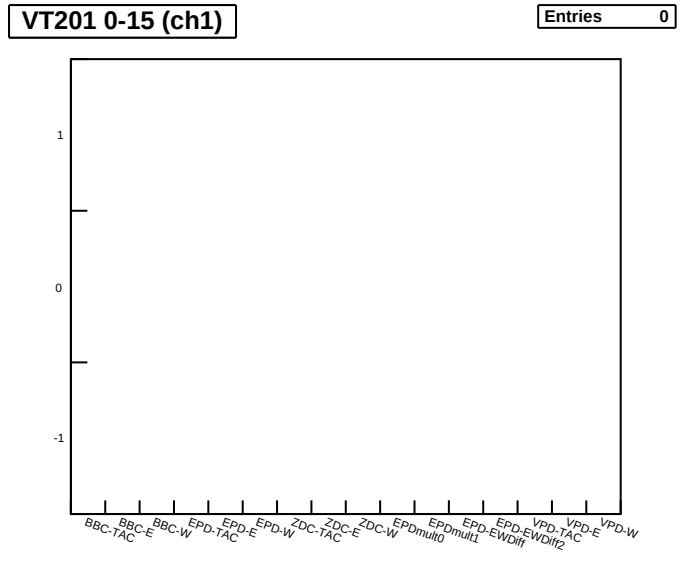

Laser Input Bits
Entries 6346
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

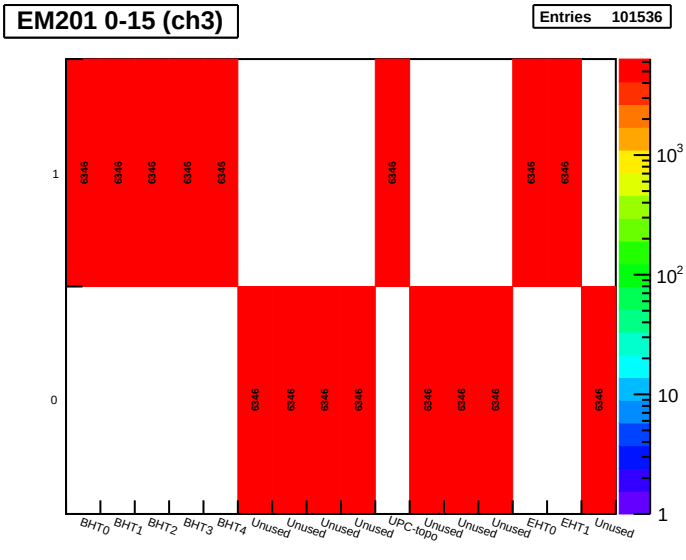

ST201 0-15 (ch6)
Entries 101536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
6346
6345
1
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

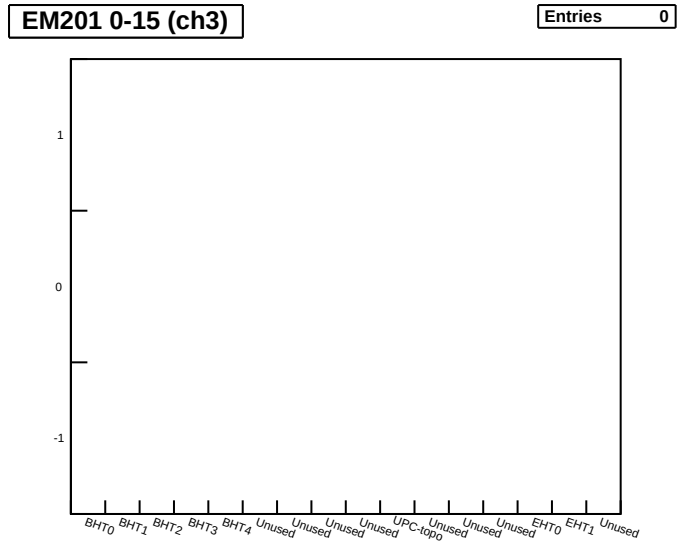

TF201 0-15 (ch0)
Entries 101536
1
0
6346 6072 5596 5256 3582 5098 5096 773 6346 6346 6346
6346 6346 6346 274 750 1090 2764 6346 1248 1250 5573 6346
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^3
10^2
10
1


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 101536
1
0
3187 5081 4765 5566 5813 5953 13 136 140 1 5283 5421 2520 3929 3578
3159 1265 1561 780 533 393 6323 6210 6206 6345 6346 1063 925 3826 2417 2768
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
10^3
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 101536
1
0
6346 6346 6346 6346 6346 6346 6346 6346
6346 6346 6346 6346 6346 6346 6346 6346
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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