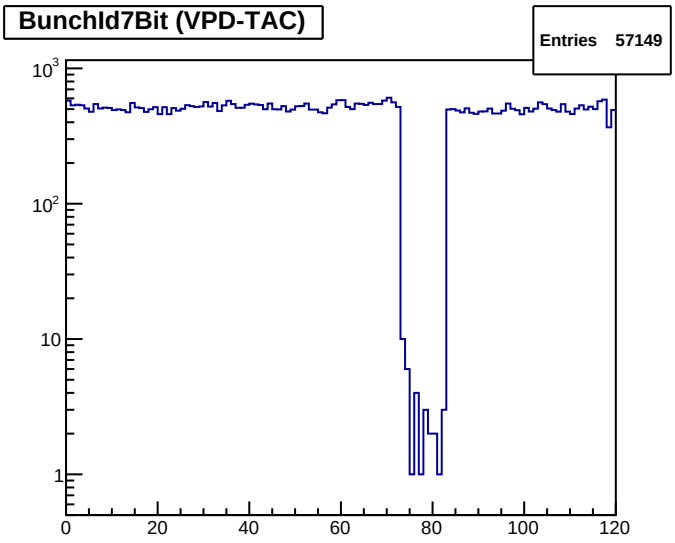
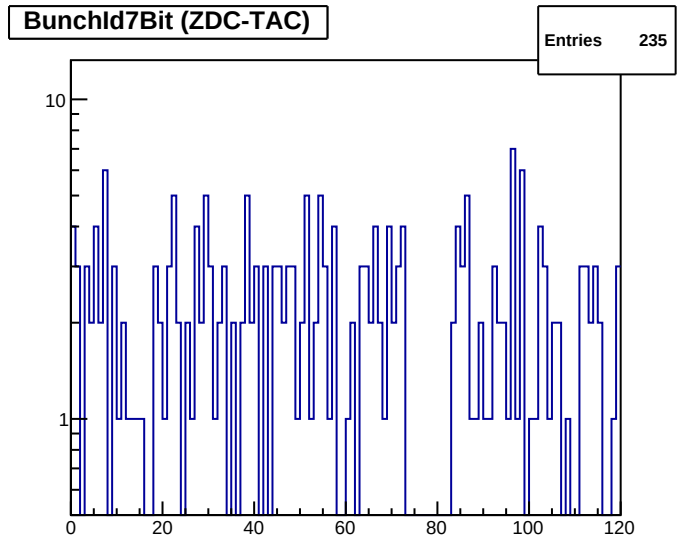
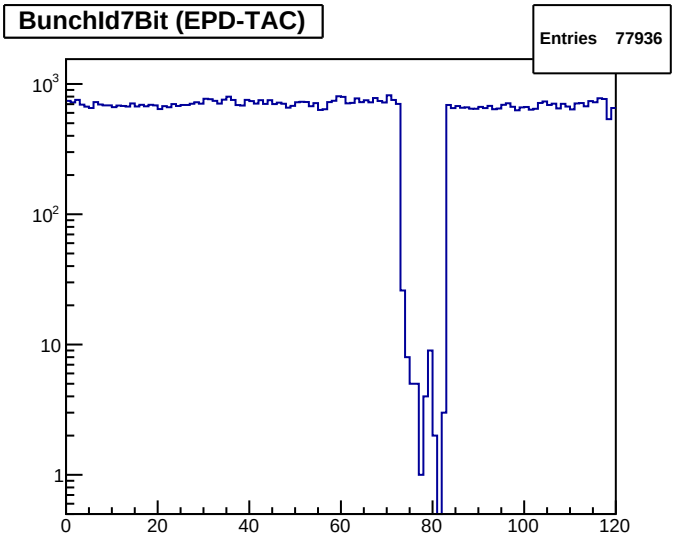
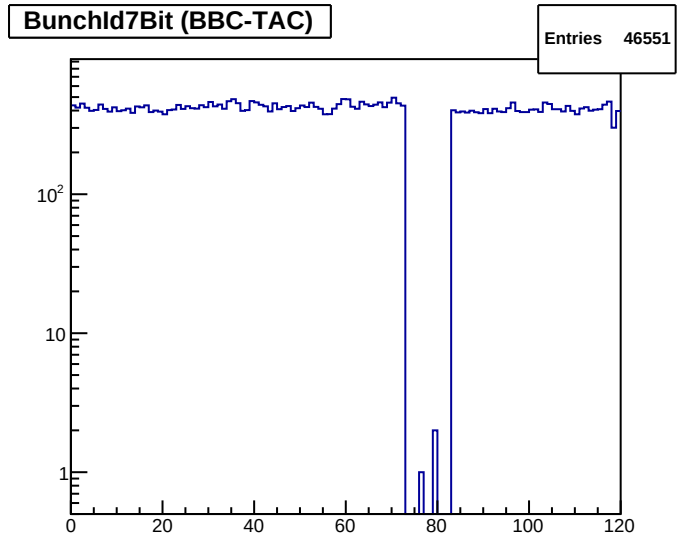
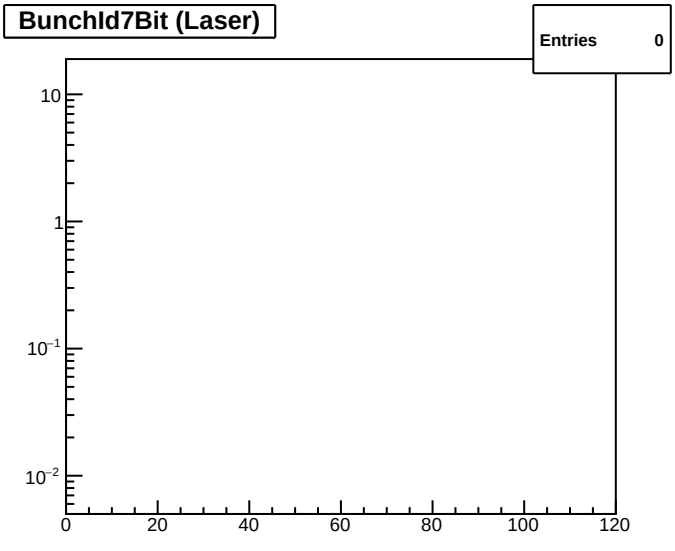
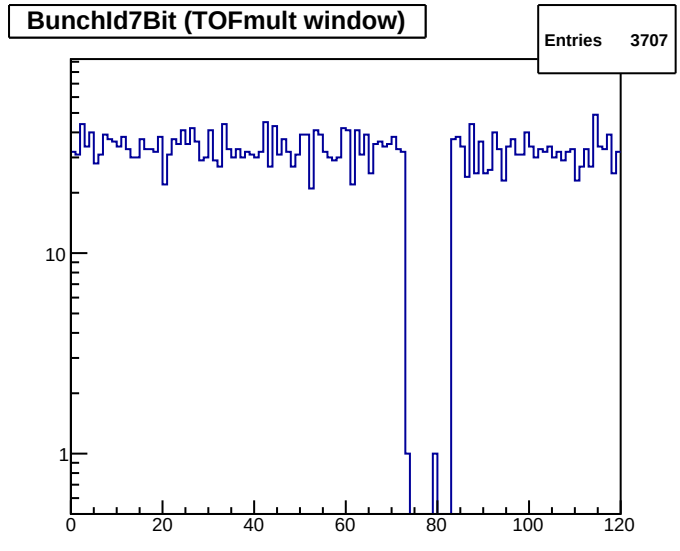

BunchId7Bit (VPD-TAC)
Entries 57149

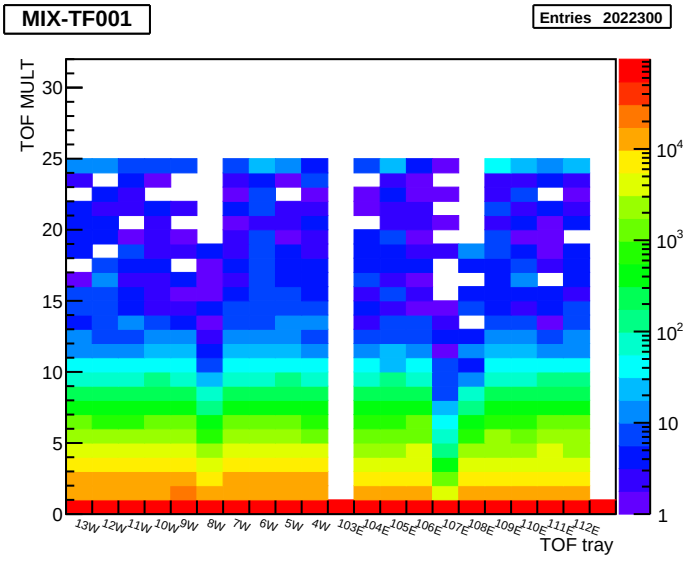

BunchId7Bit (ZDC-TAC)
Entries 235

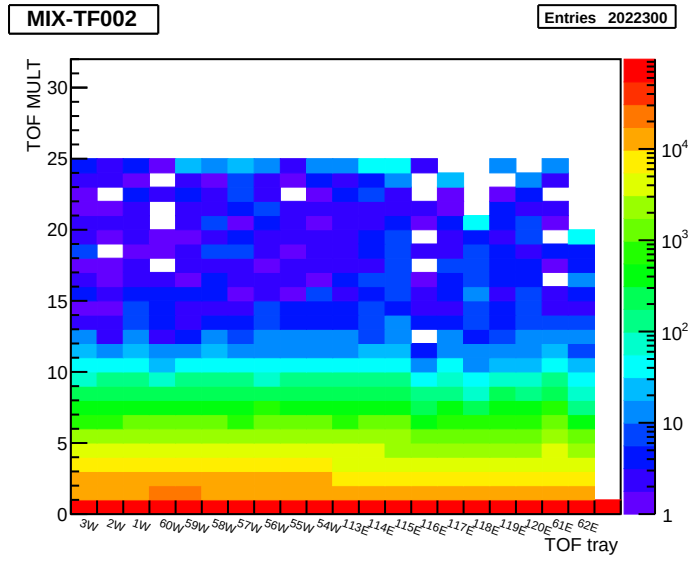

BunchId7Bit (EPD-TAC)
Entries 77936

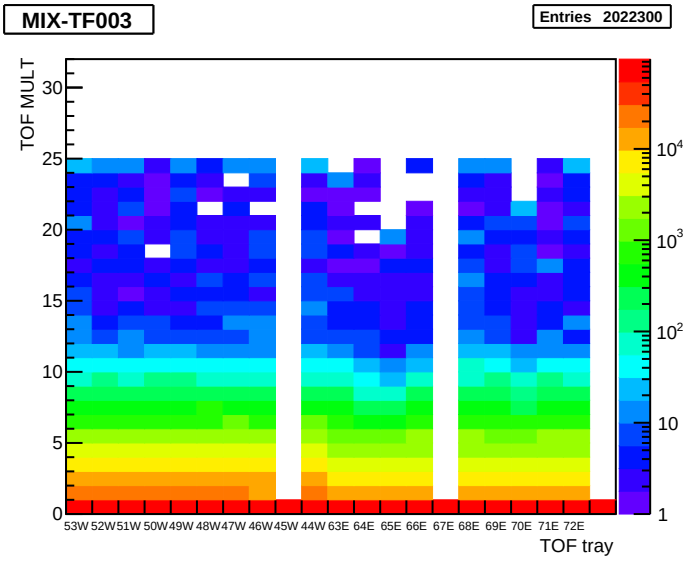

BunchId7Bit (BBC-TAC)
Entries 46551

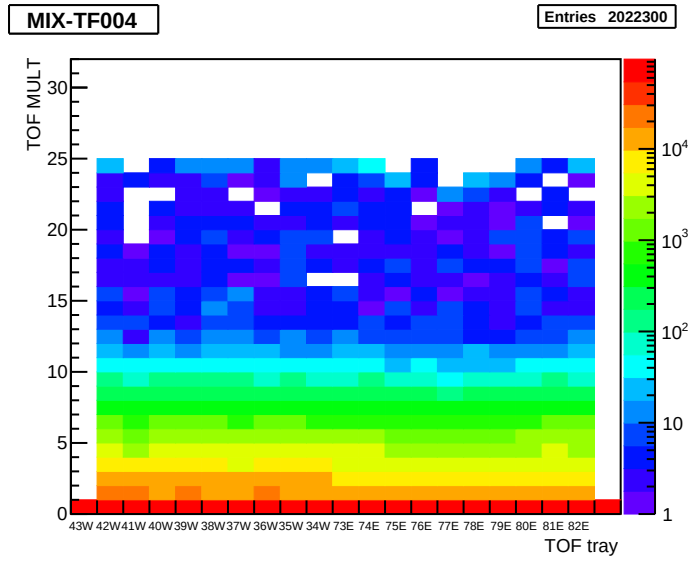

BunchId7Bit (Laser)
Entries 0

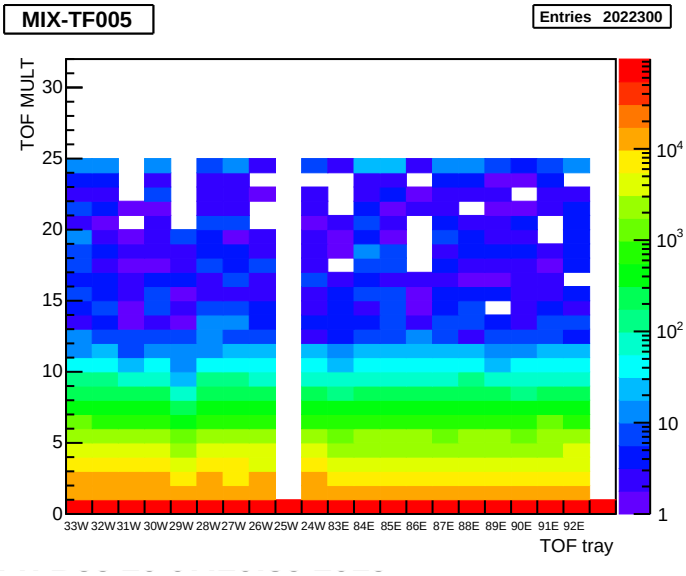

BunchId7Bit (TOFmult window)
Entries 3707

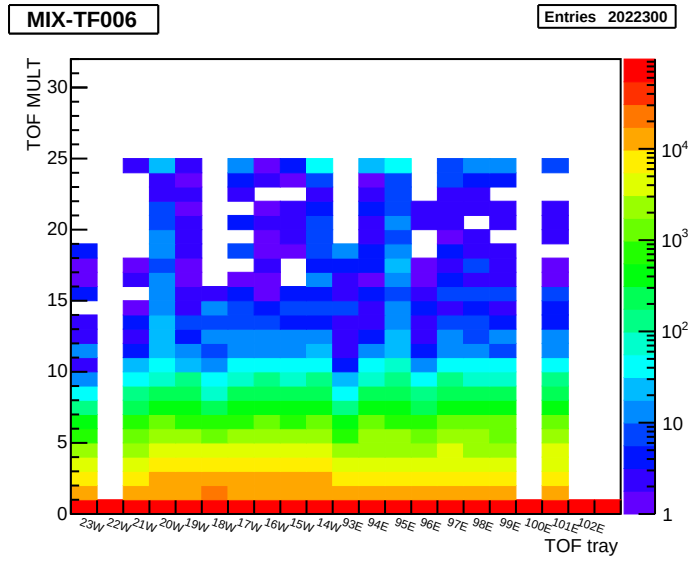

MIX-TF001
Entries 2022300
TOF MULT
TOF tray

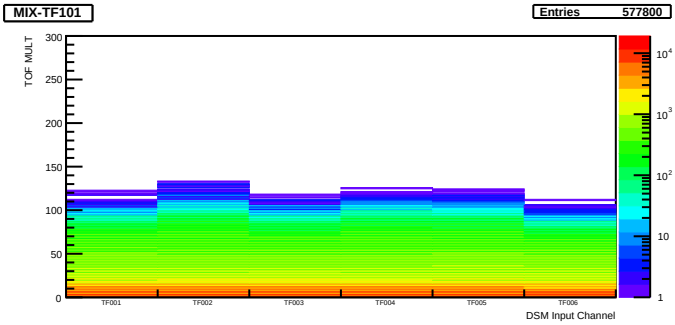

MIX-TF002
Entries 2022300
TOF MULT
TOF tray

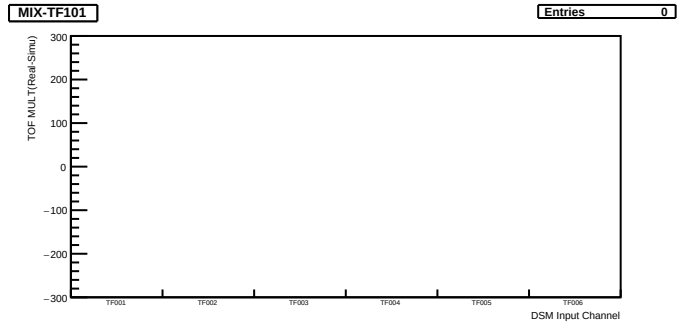

MIX-TF003
Entries 2022300
TOF MULT
TOF tray

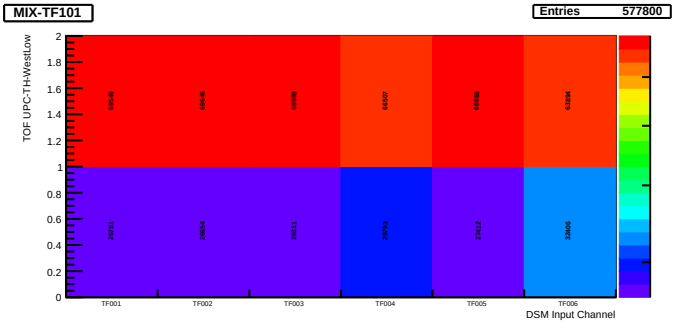

MIX-TF004
Entries 2022300
TOF MULT
TOF tray

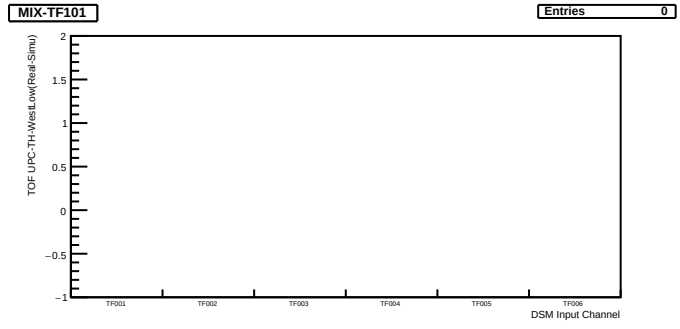

MIX-TF005
Entries 2022300
TOF MULT
TOF tray

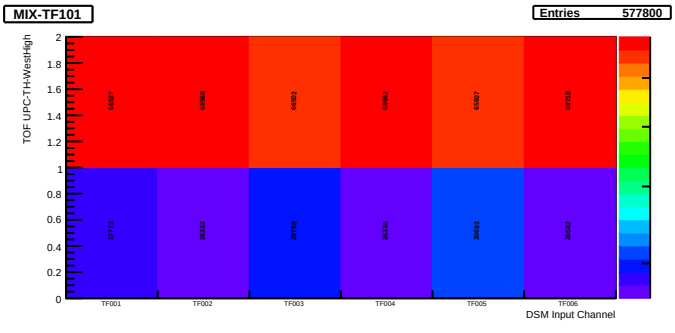

MIX-TF006
Entries 2022300
TOF MULT
TOF tray

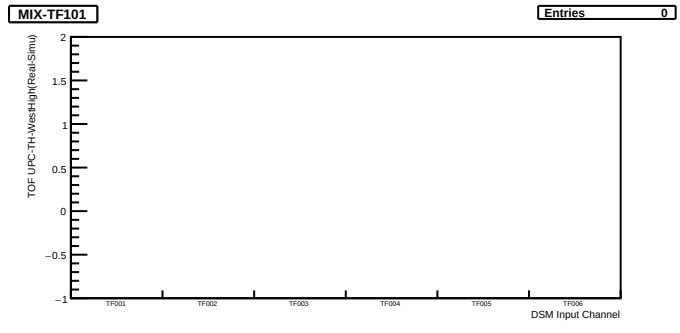

MIX-TF101
Entries 577800
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

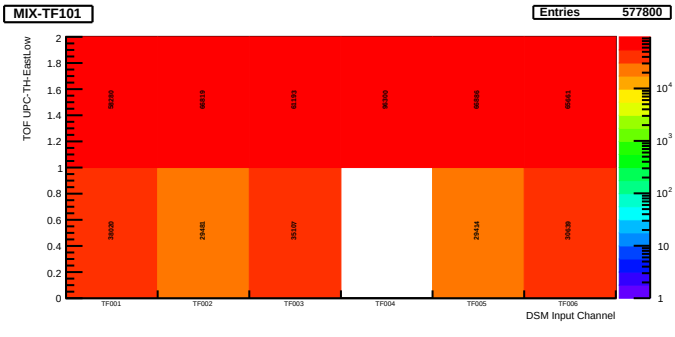

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

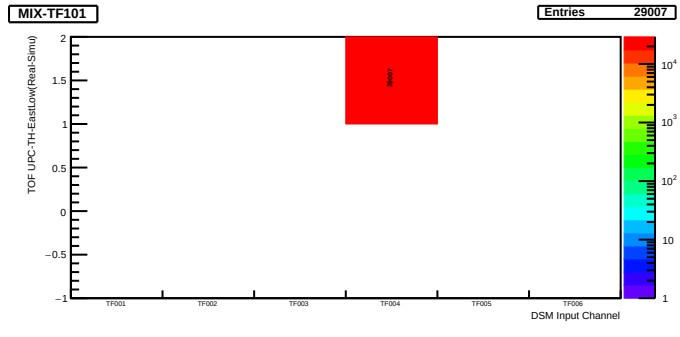

MIX-TF101
Entries 577800
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

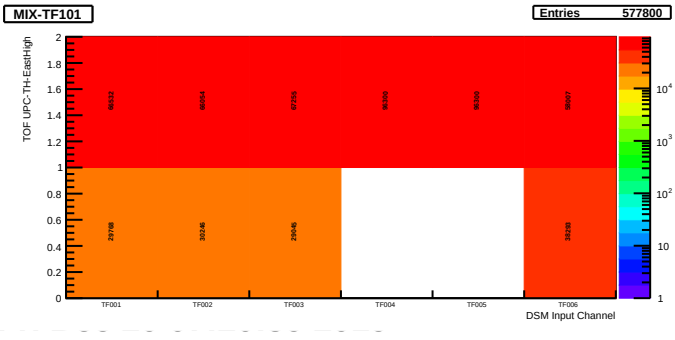

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

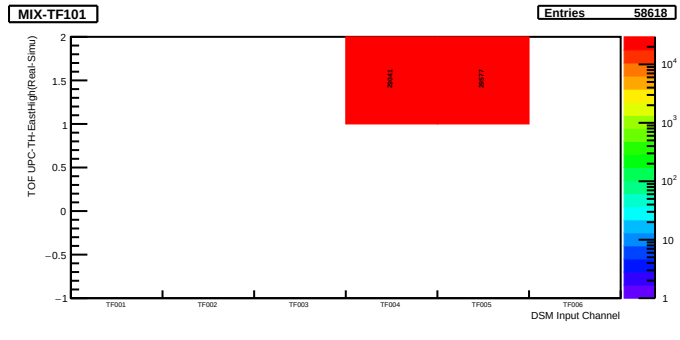

MIX-TF101
Entries 577800
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

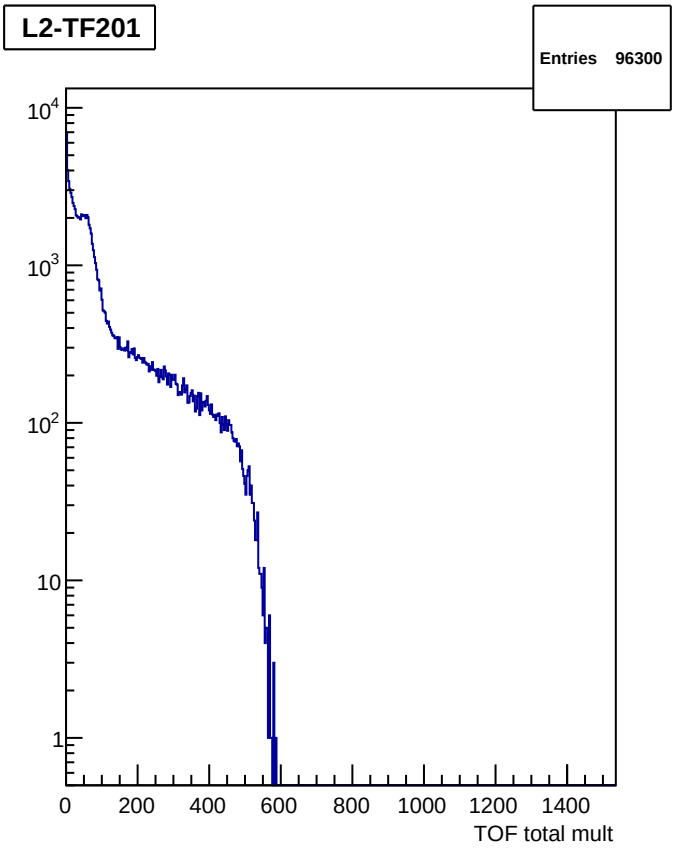

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

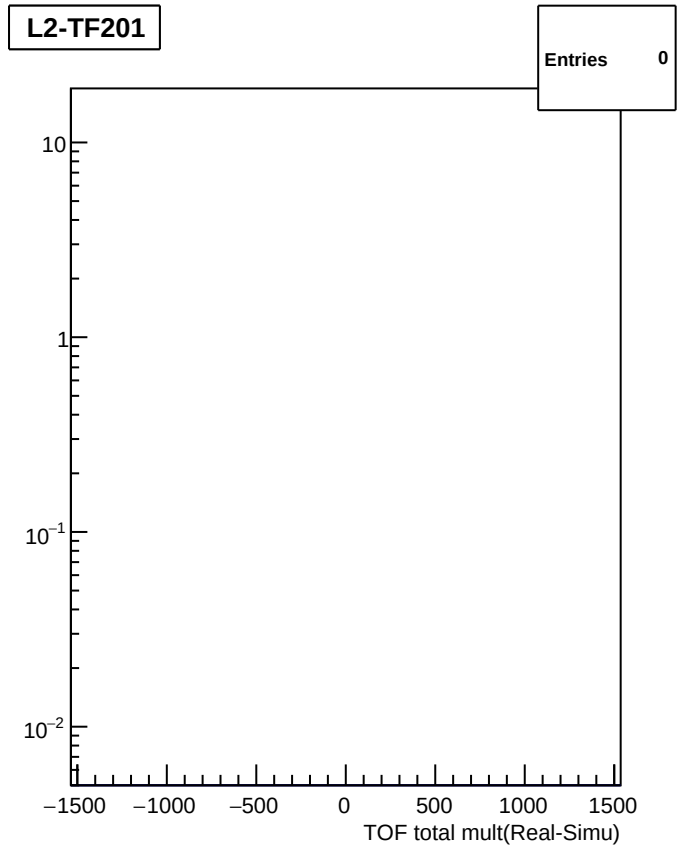

MIX-TF101
Entries 577800
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

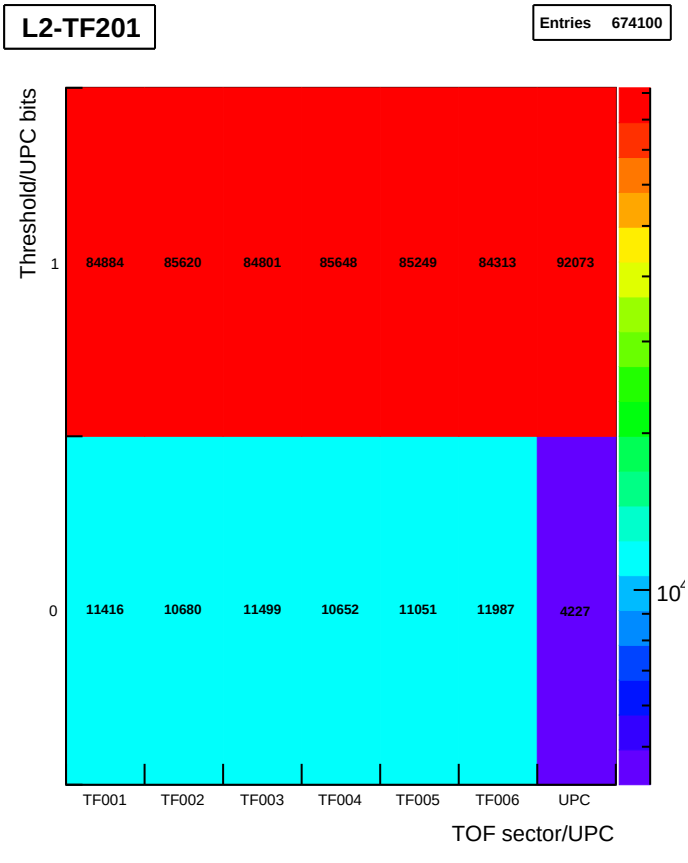

MIX-TF101
Entries 29007
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

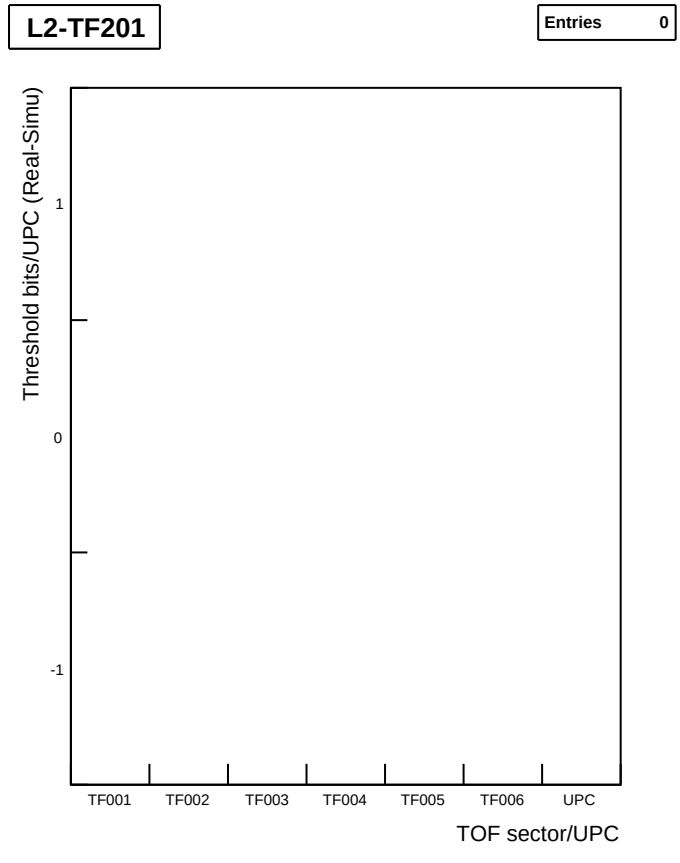

MIX-TF101
Entries 577800
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

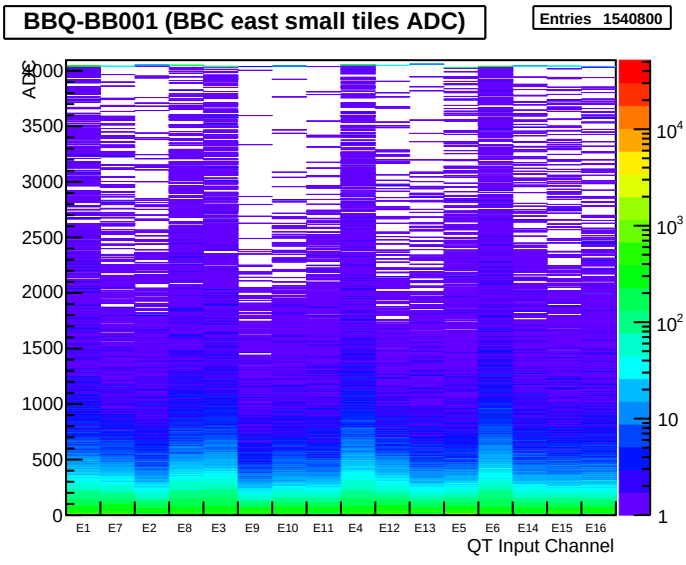

MIX-TF101
Entries 58618
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

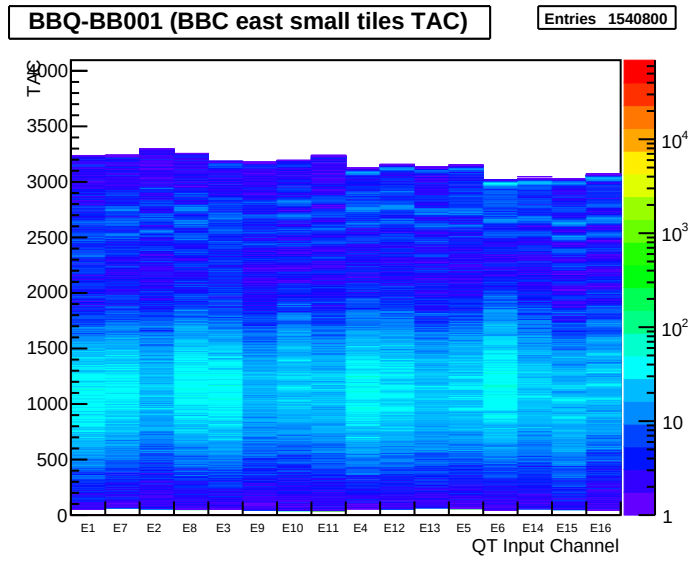

L2-TF201
Entries 96300
TOF total mult

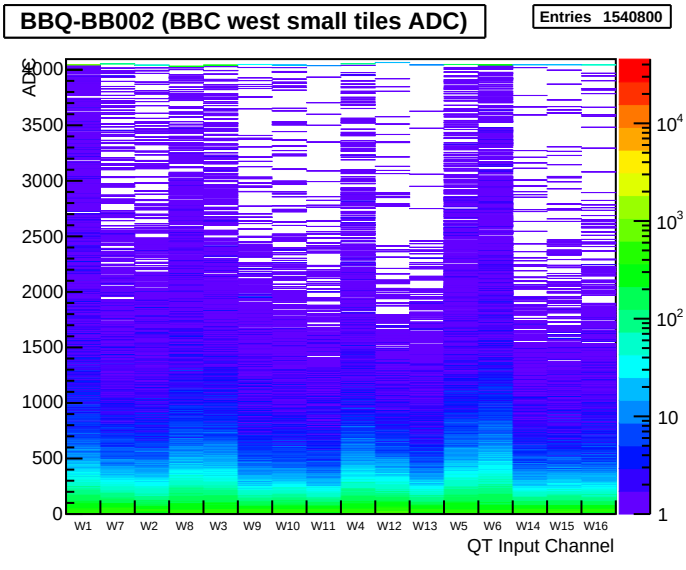

L2-TF201
Entries 0
TOF total mult(Real-Simu)

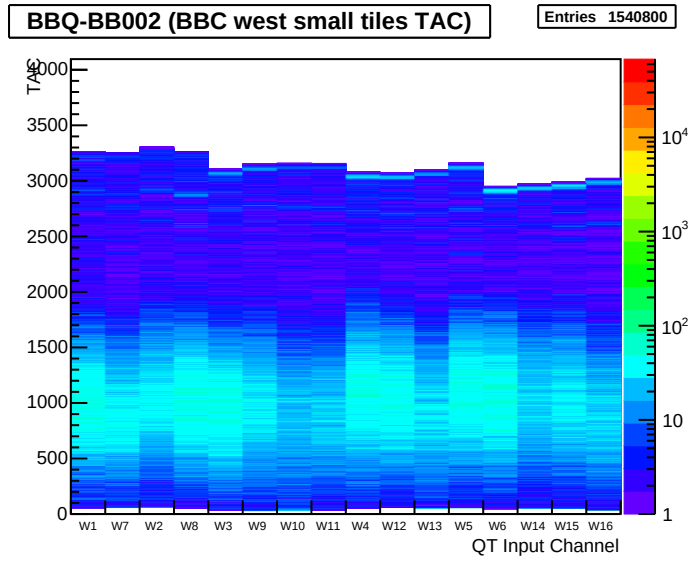

L2-TF201
Entries 674100
Threshold/UPC bits
84884 85620 84801 85648 85249 84313 92073
11416 10680 11499 10652 11051 11987 4227
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

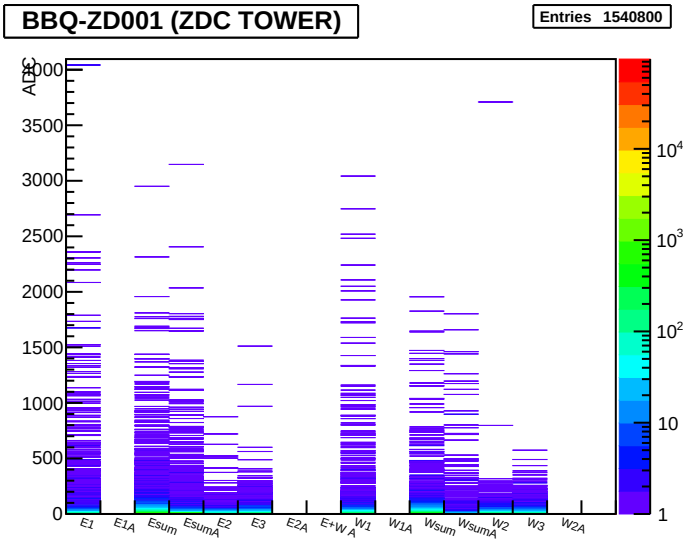

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

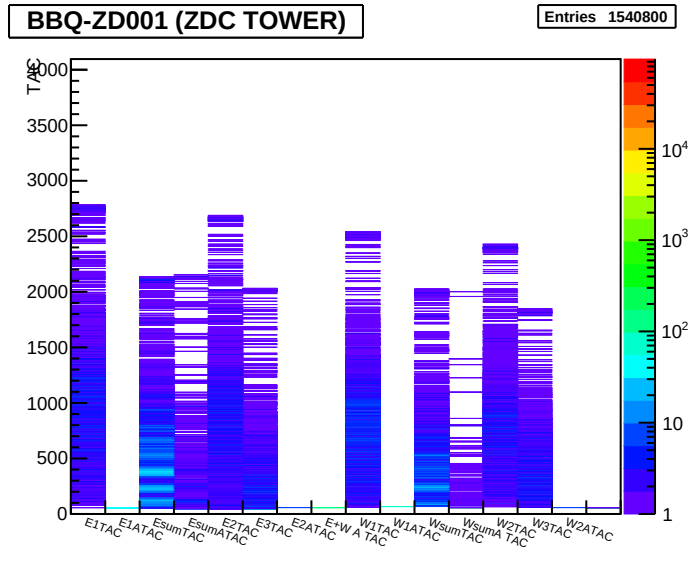

BBQ-BB001 (BBC east small tiles ADC)
Entries 1540800
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

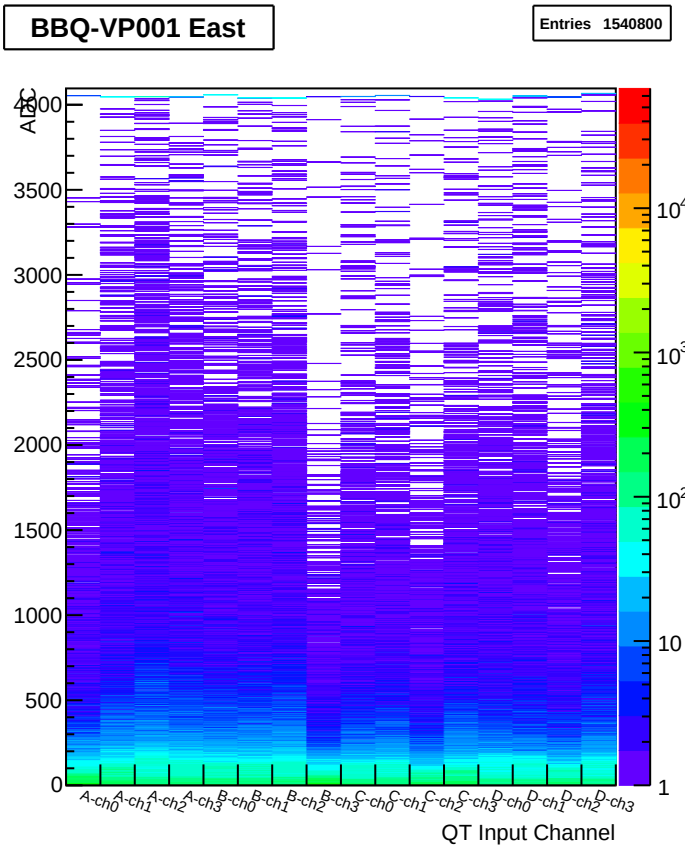

BBQ-BB001 (BBC east small tiles TAC)
Entries 1540800
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

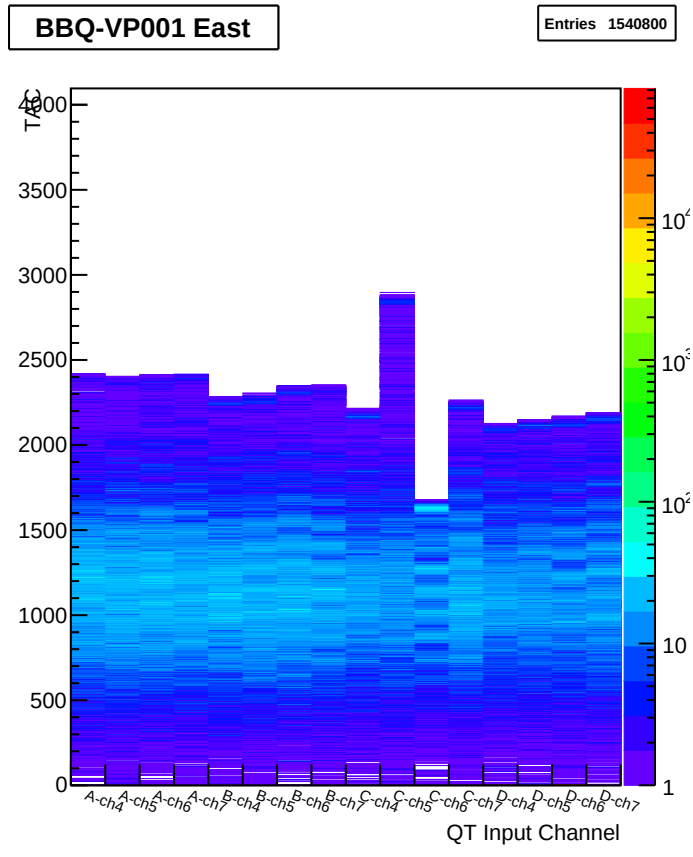

BBQ-BB002 (BBC west small tiles ADC)
Entries 1540800
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

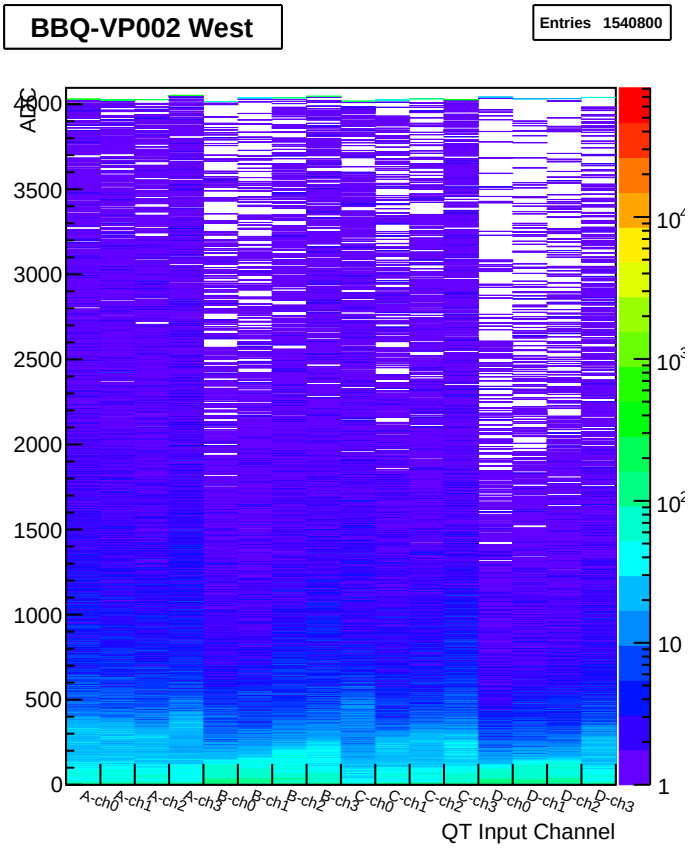

BBQ-BB002 (BBC west small tiles TAC)
Entries 1540800
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

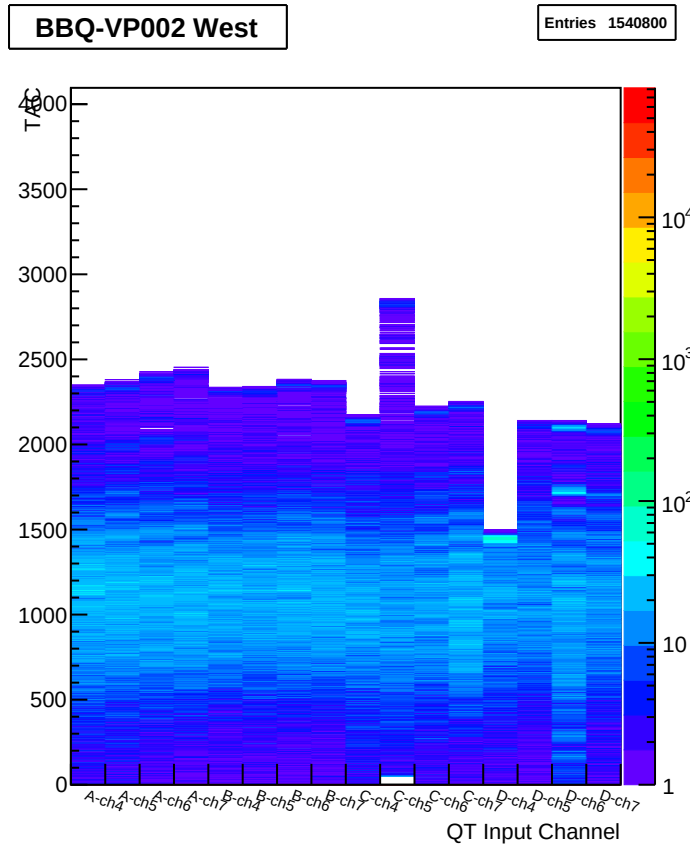

BBQ-ZD001 (ZDC TOWER)
Entries 1540800
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

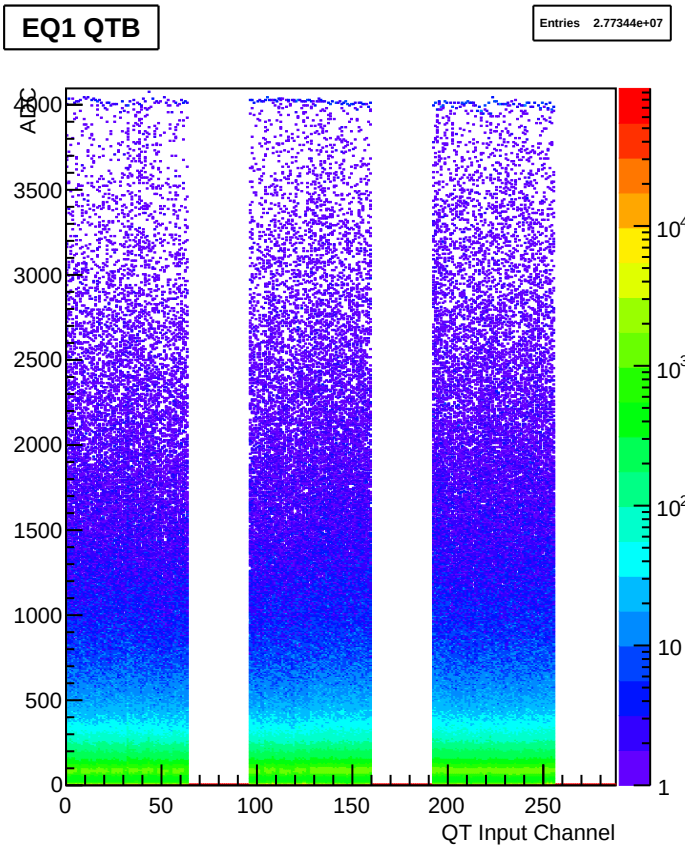

BBQ-ZD001 (ZDC TOWER)
Entries 1540800
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

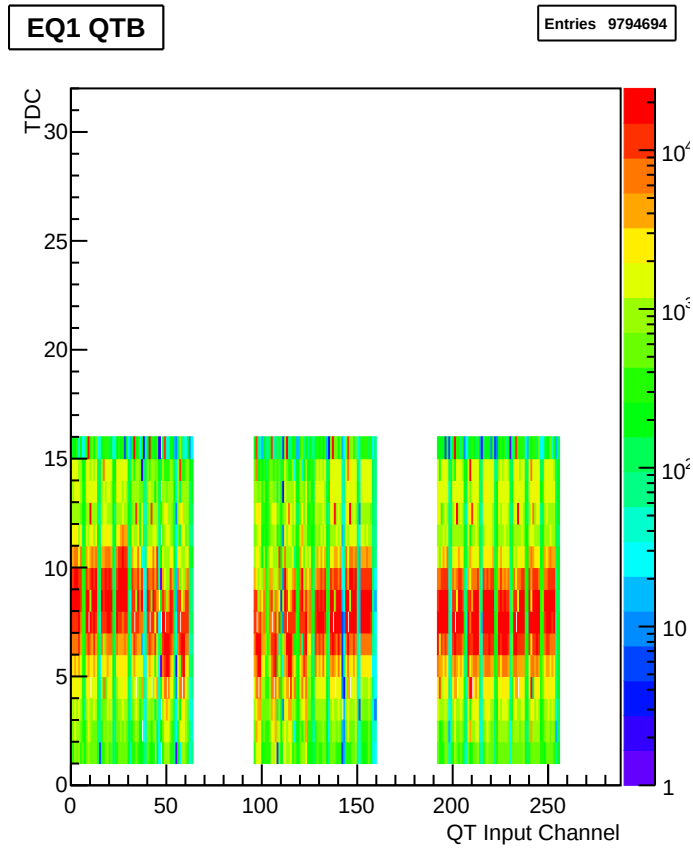

BBQ-VP001 East
Entries 1540800
ADC
QT Input Channel

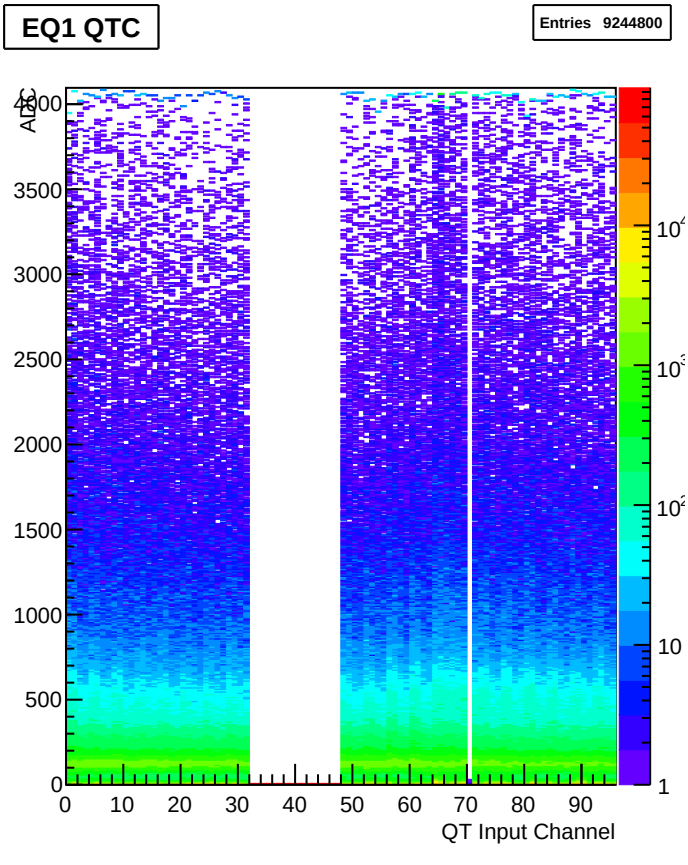

BBQ-VP001 East
Entries 1540800
TADC
QT Input Channel

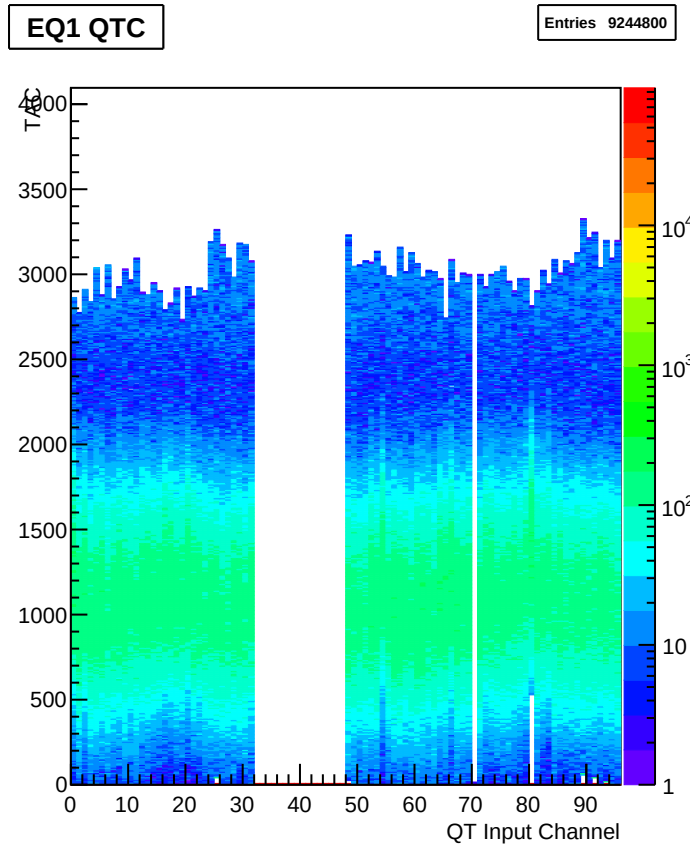

BBQ-VP002 West
Entries 1540800
ADC
QT Input Channel

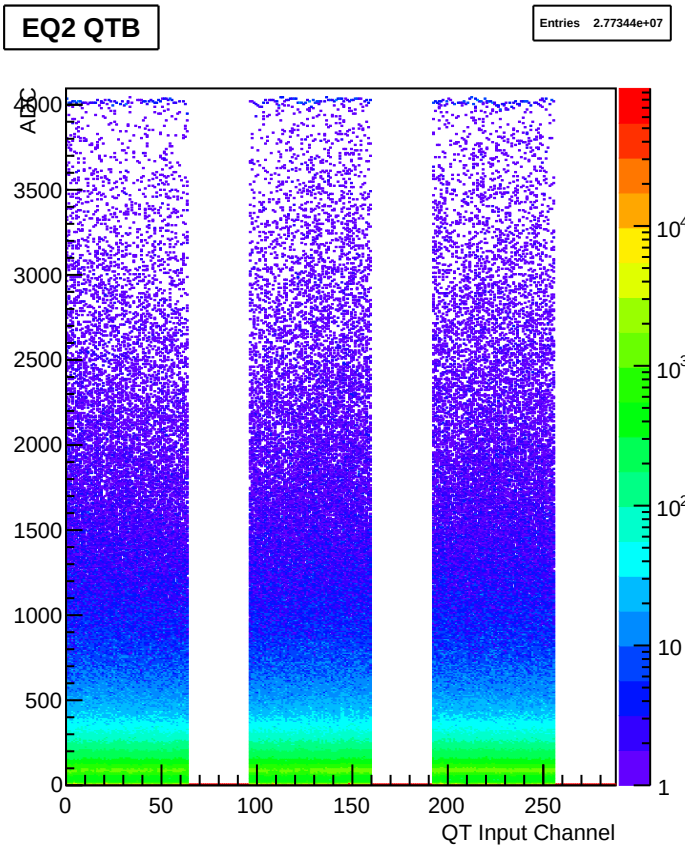

BBQ-VP002 West
Entries 1540800
TADC
QT Input Channel

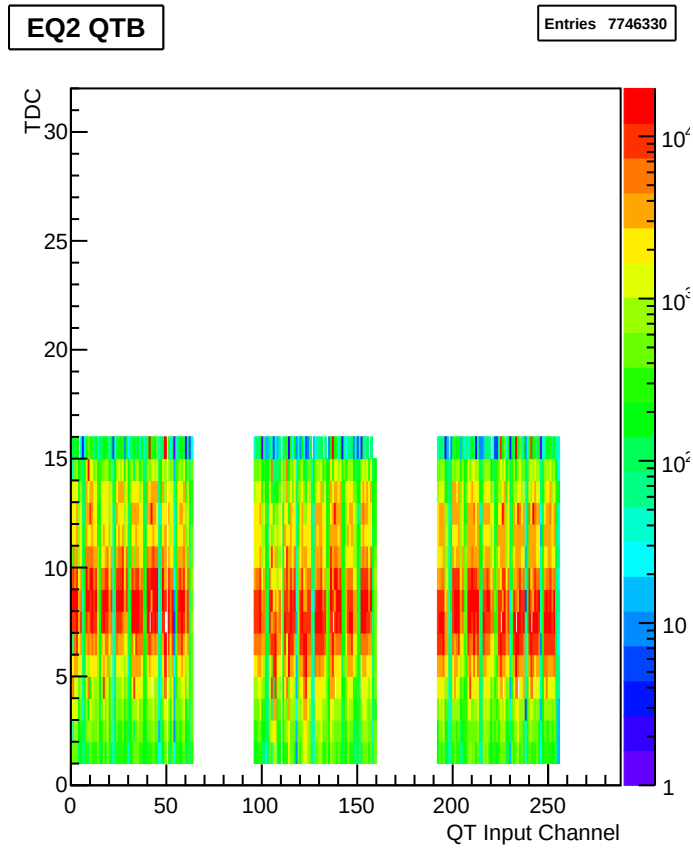

EQ1 QTB
Entries 2.77344e+07
ADC
QT Input Channel

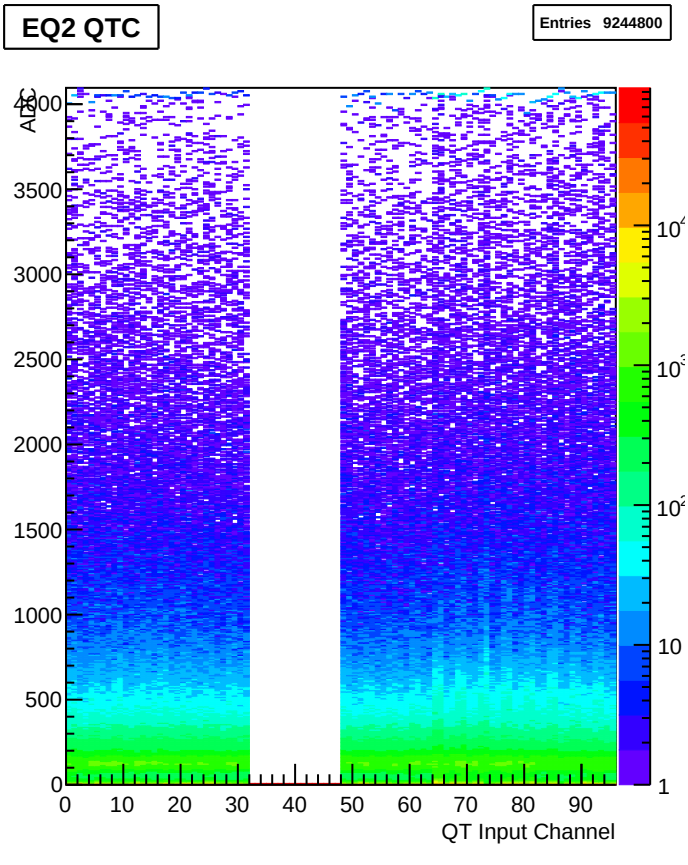

EQ1 QTB
Entries 9794694
TDC
QT Input Channel

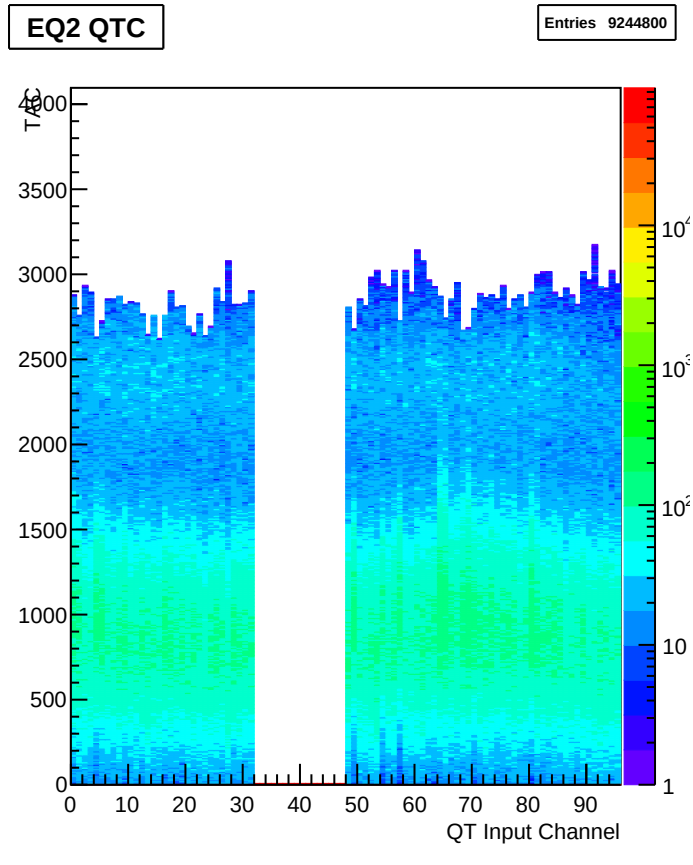

EQ1 QTC
Entries 9244800
ADC
QT Input Channel

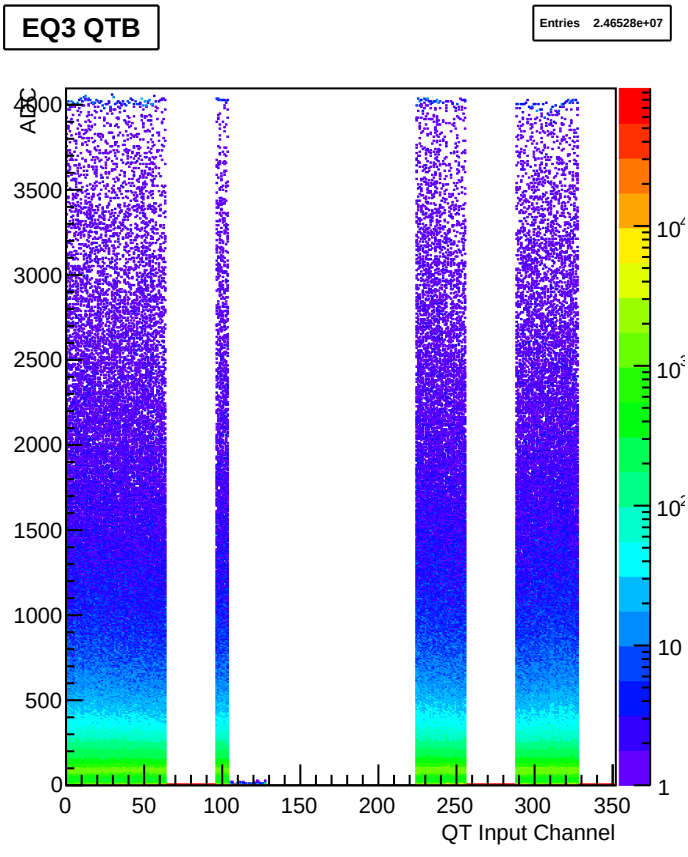

EQ1 QTC
Entries 9244800
TADC
QT Input Channel

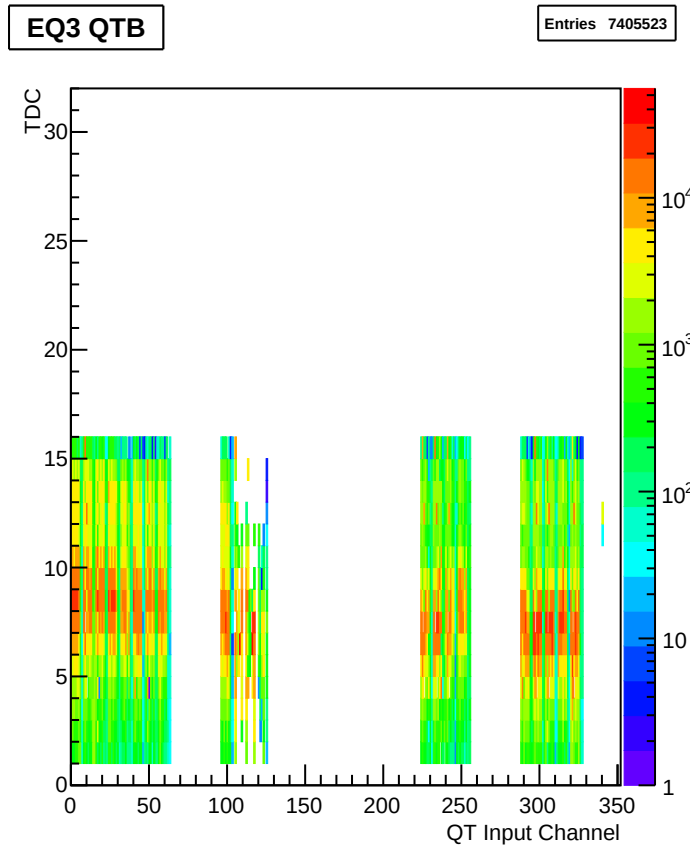

EQ2 QTB
Entries 2.77344e+07
ADC
QT Input Channel

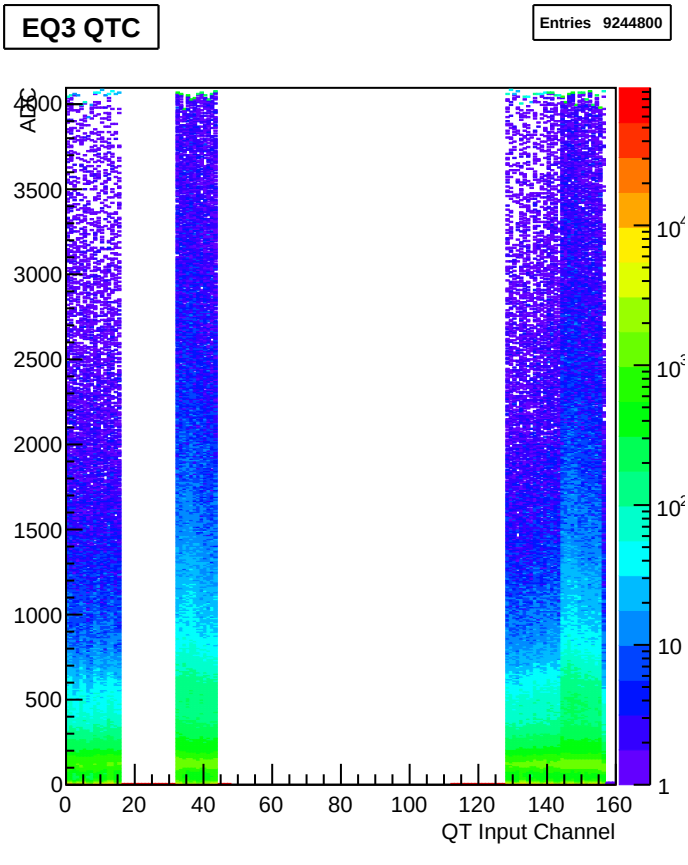

EQ2 QTB
Entries 7746330
TDC
QT Input Channel

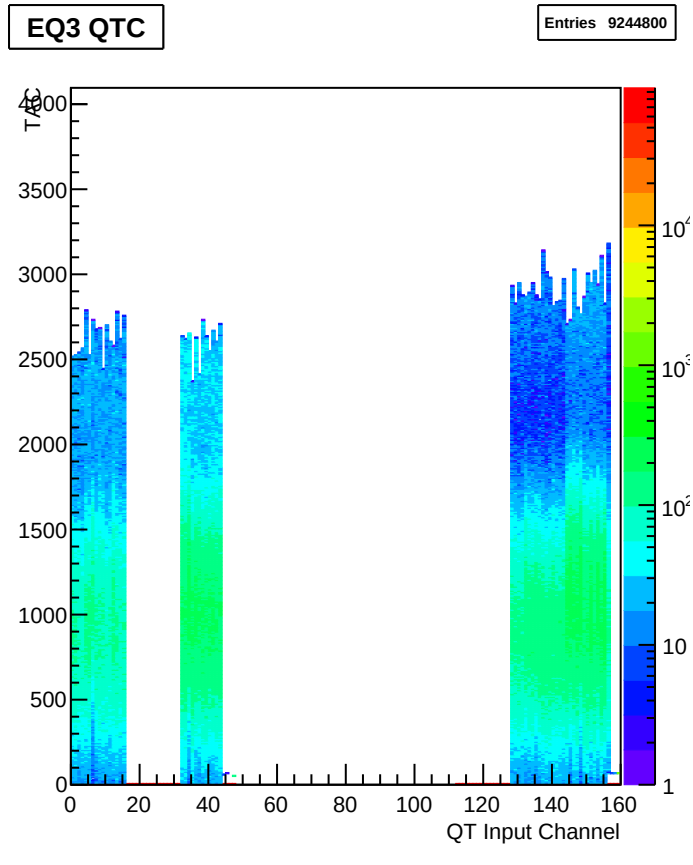

EQ2 QTC
Entries 9244800
ADC
QT Input Channel

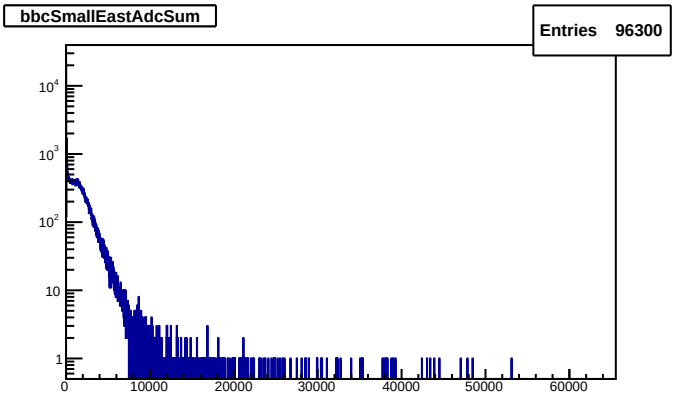

EQ2 QTC
Entries 9244800
TADC
QT Input Channel

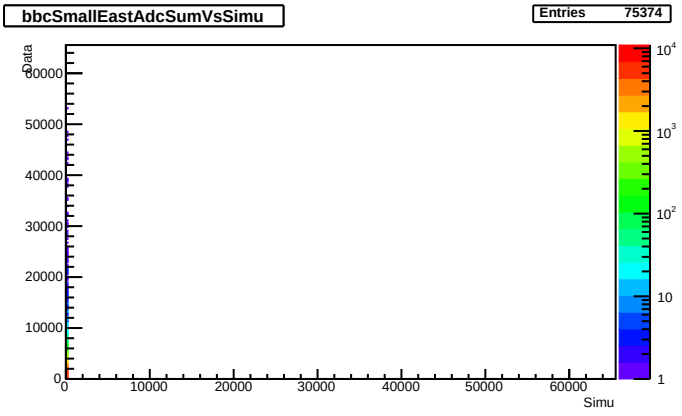

EQ3 QTB
Entries 2.46528e+07
ADC
QT Input Channel

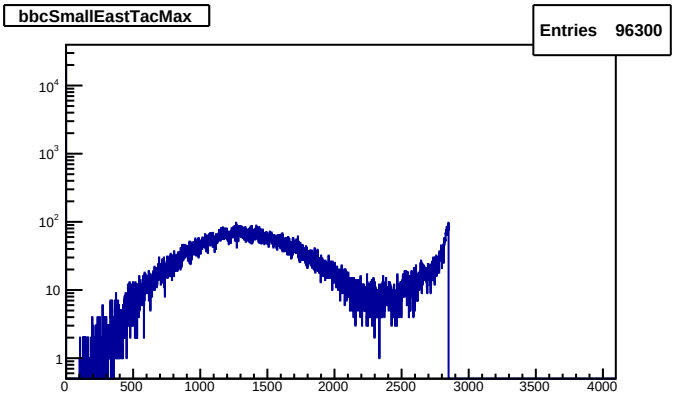

EQ3 QTB
Entries 7405523
TDC
QT Input Channel

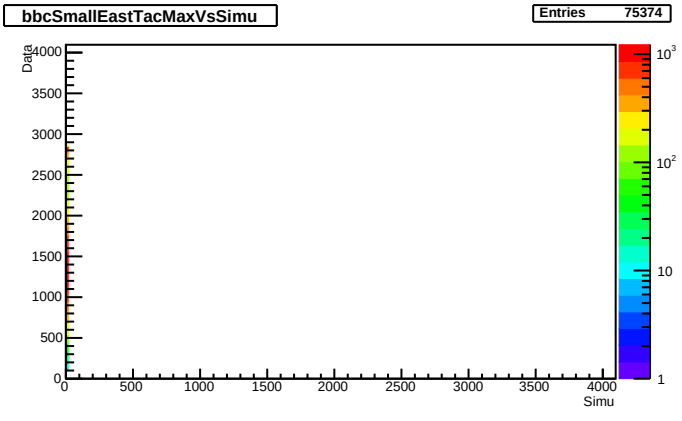

EQ3 QTC
Entries 9244800
ADC
QT Input Channel

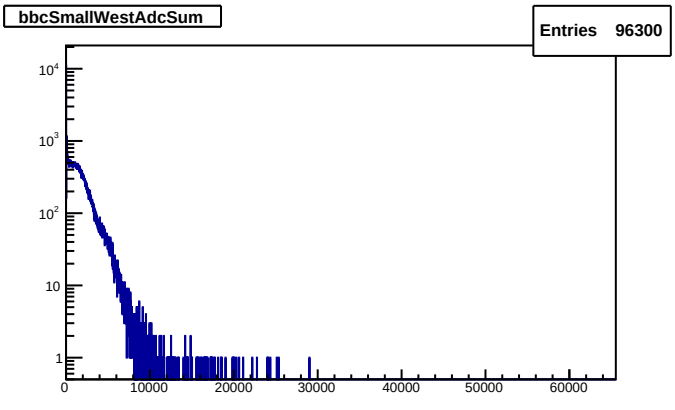

EQ3 QTC
Entries 9244800
TADC
QT Input Channel

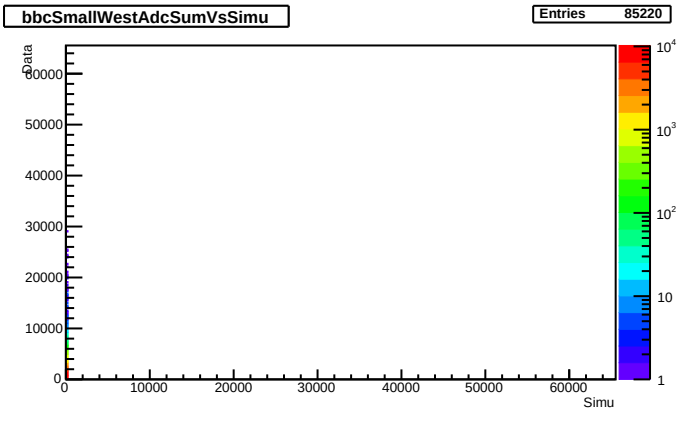

bbcSmallEastAdcSum
Entries 96300

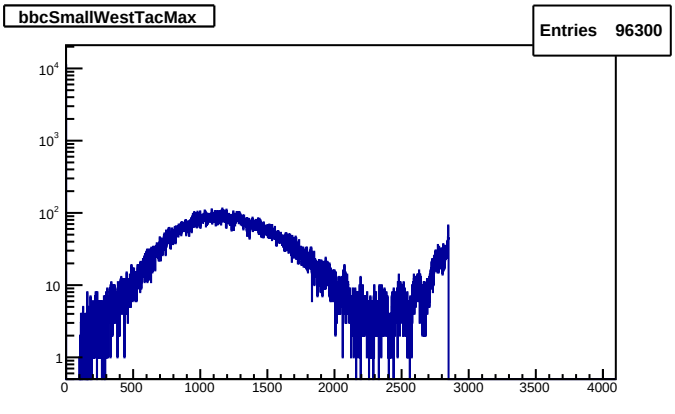

bbcSmallEastAdcSumVsSimu
Entries 75374
Data
Simu

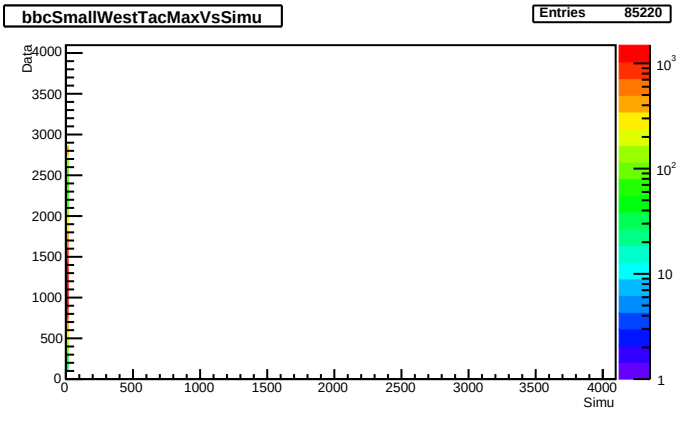

bbcSmallEastTacMax
Entries 96300

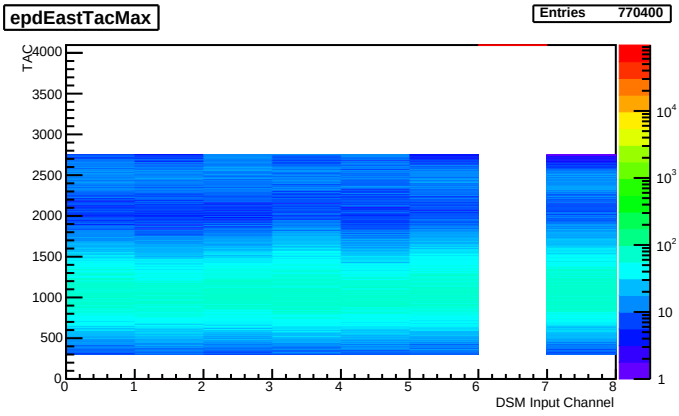

bbcSmallEastTacMaxVsSimu
Entries 75374
Data
Simu

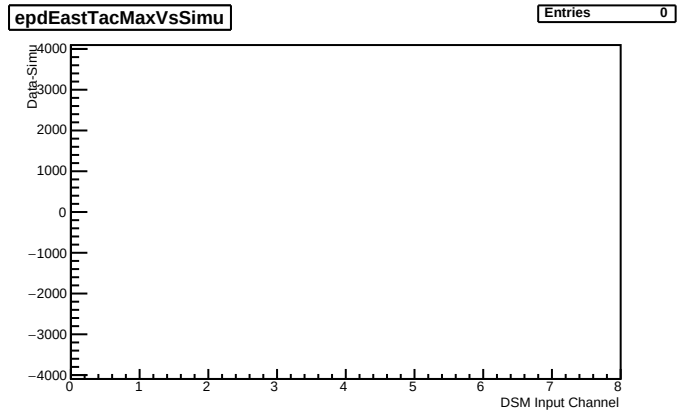

bbcSmallWestAdcSum
Entries 96300

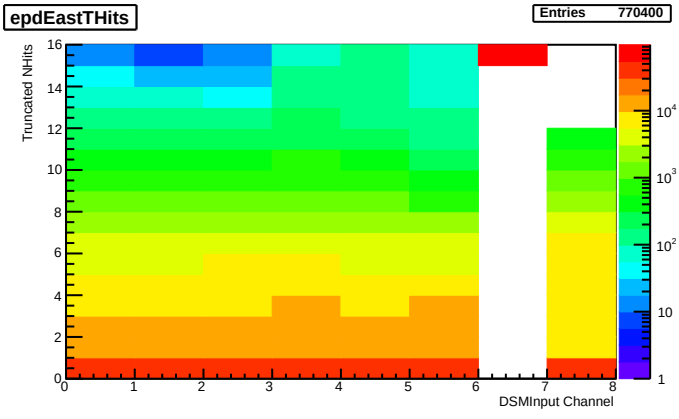

bbcSmallWestAdcSumVsSimu
Entries 85220
Data
Simu

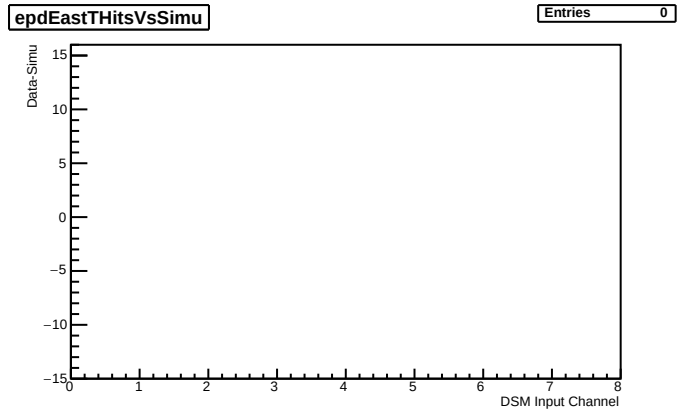

bbcSmallWestTacMax
Entries 96300

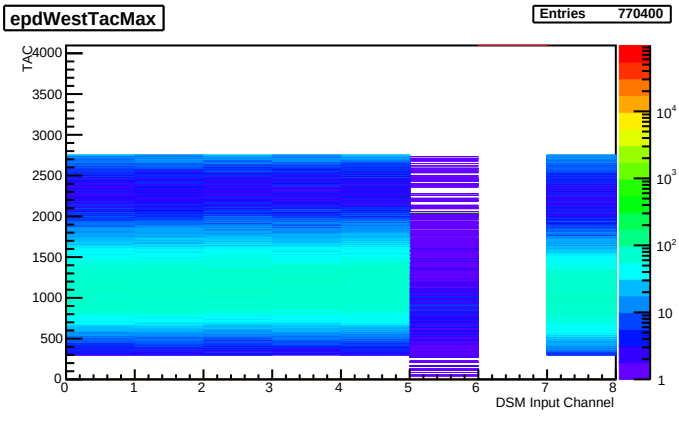

bbcSmallWestTacMaxVsSimu
Entries 85220
Data
Simu

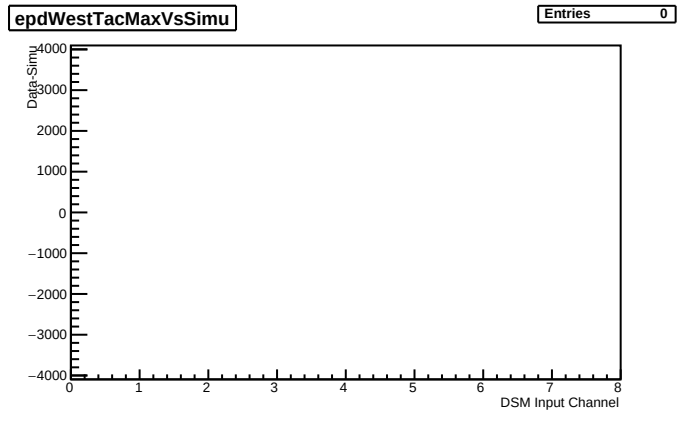

epdEastTacMax
Entries 770400
TAC
DSM Input Channel

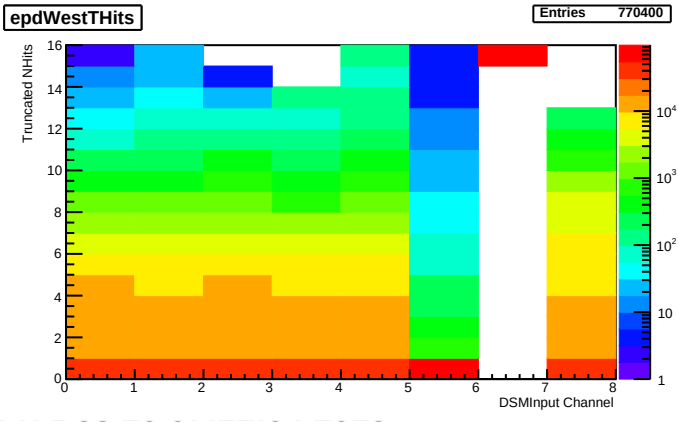

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

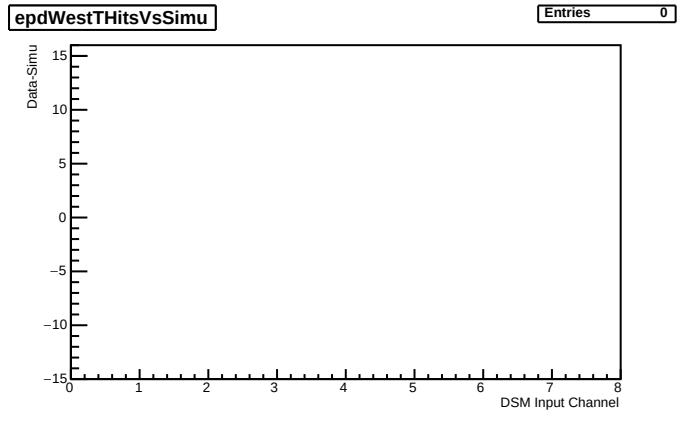

epdEastTHits
Entries 770400
Truncated NHits
DSMInput Channel

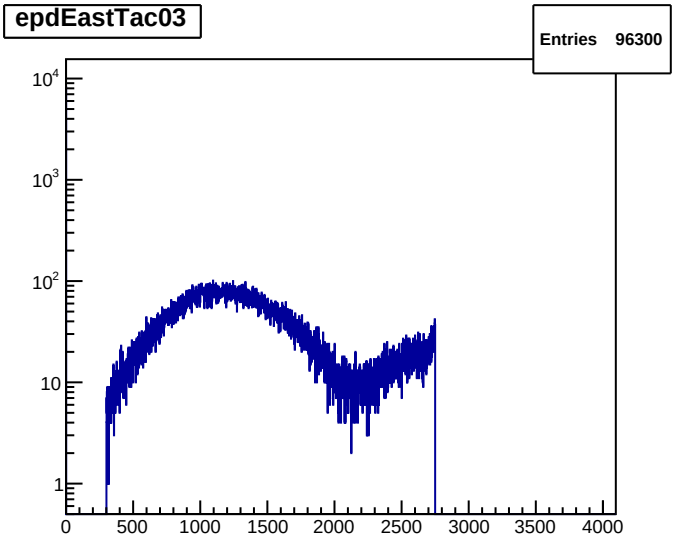

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

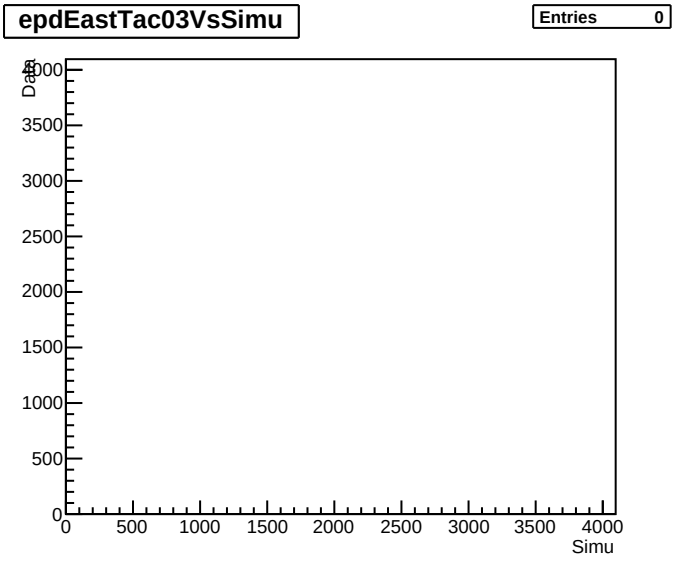

epdWestTacMax
Entries 770400
TAC
DSM Input Channel

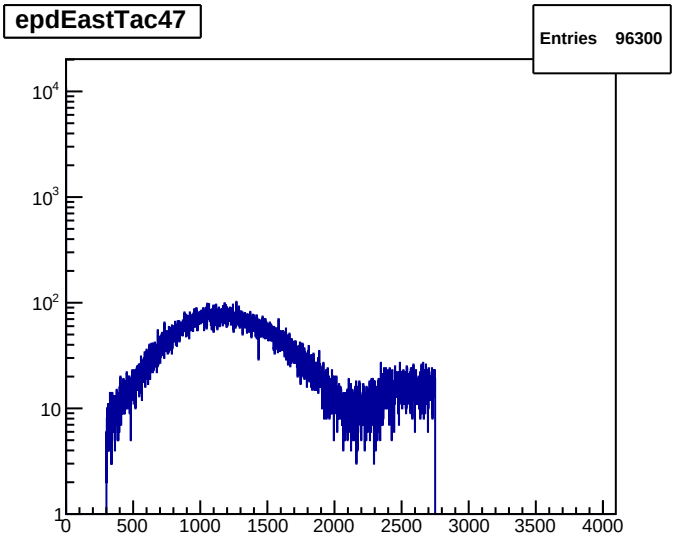

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

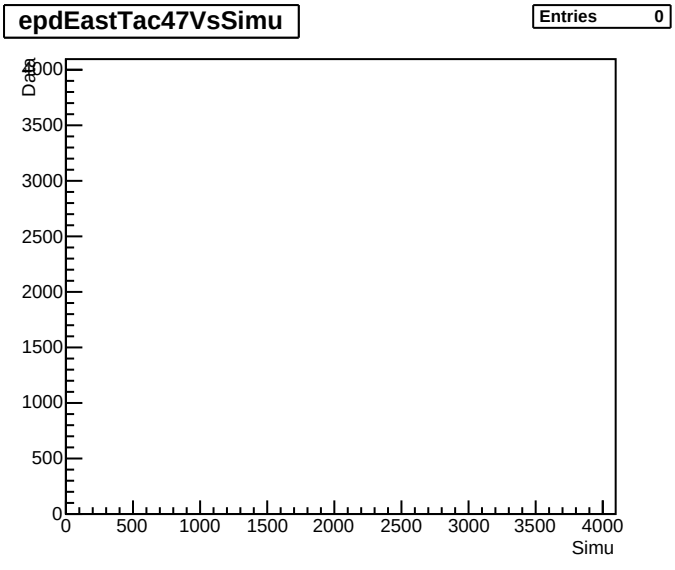

epdWestTHits
Entries 770400
Truncated NHits
DSMInput Channel

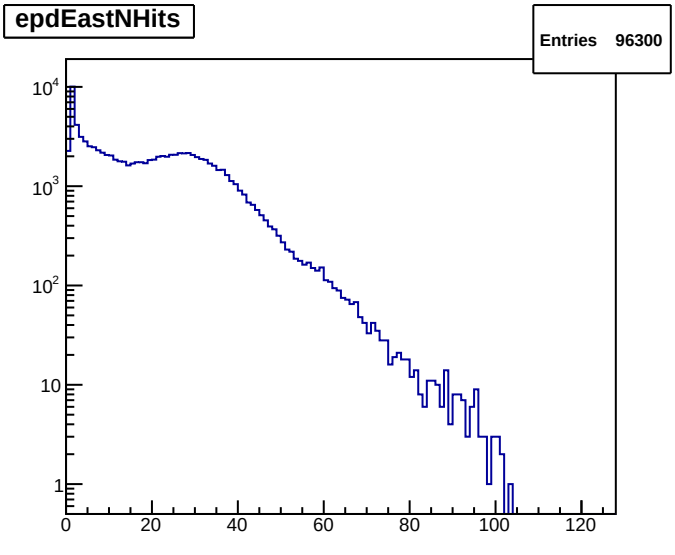

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

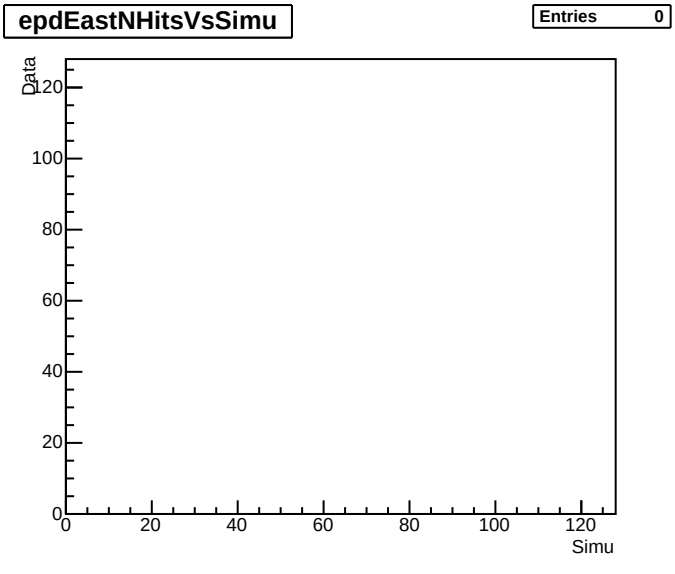

epdEastTac03
Entries 96300

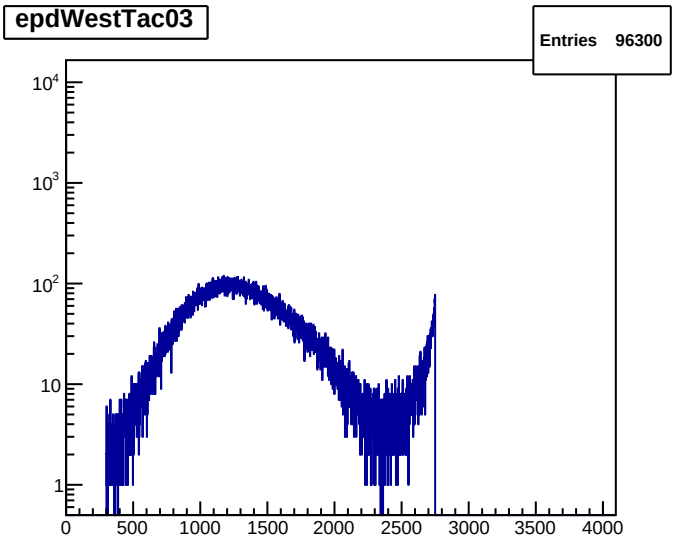

epdEastTac03VsSimu
Entries 0
Data
Simu

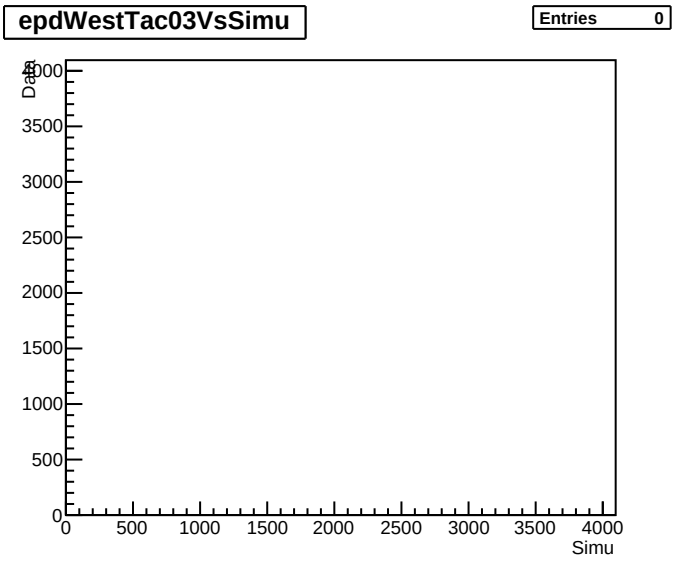

epdEastTac47
Entries 96300

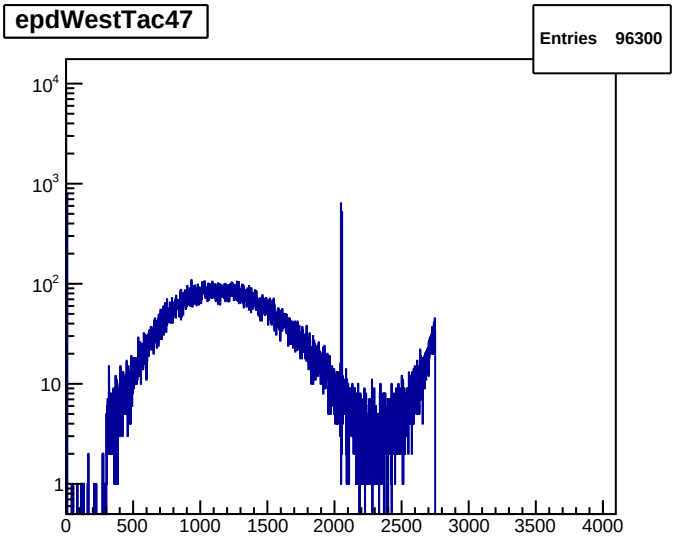

epdEastTac47VsSimu
Entries 0
Data
Simu

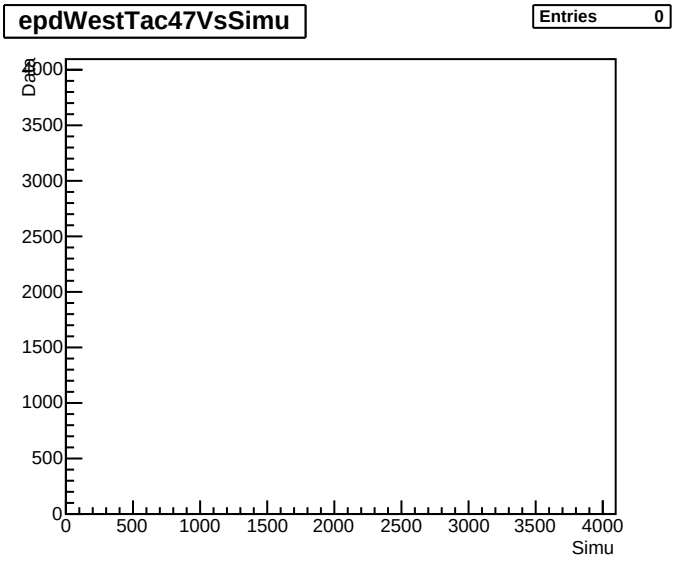

epdEastNHits
Entries 96300

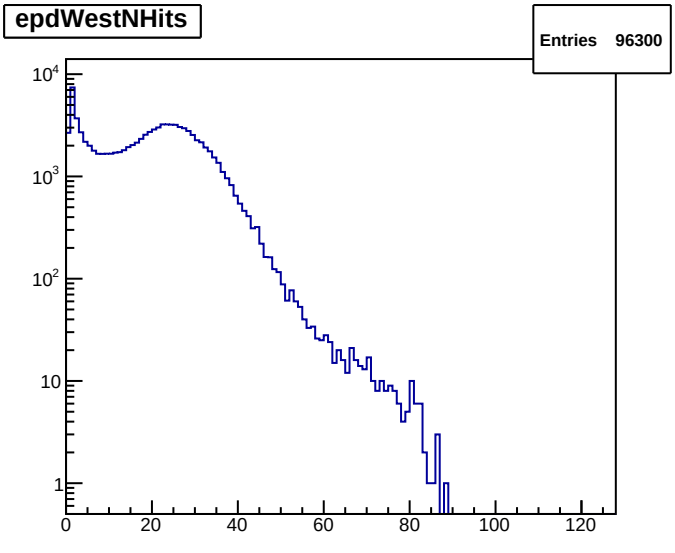

epdEastNHitsVsSimu
Entries 0
Data
Simu

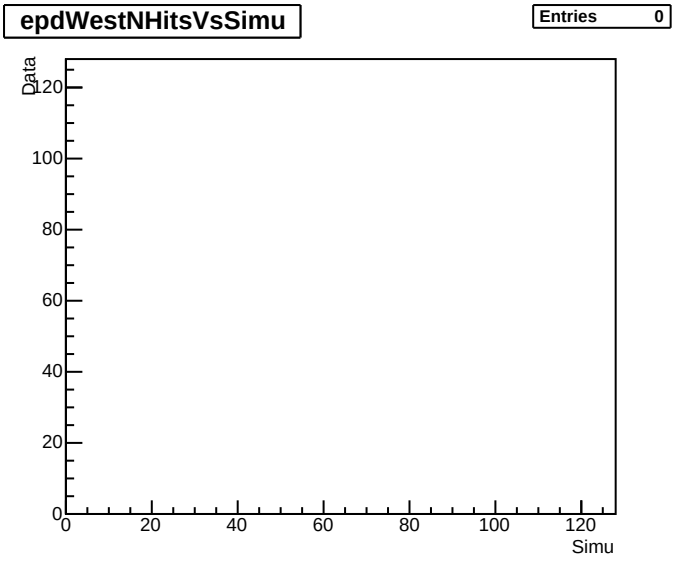

epdWestTac03
Entries 96300

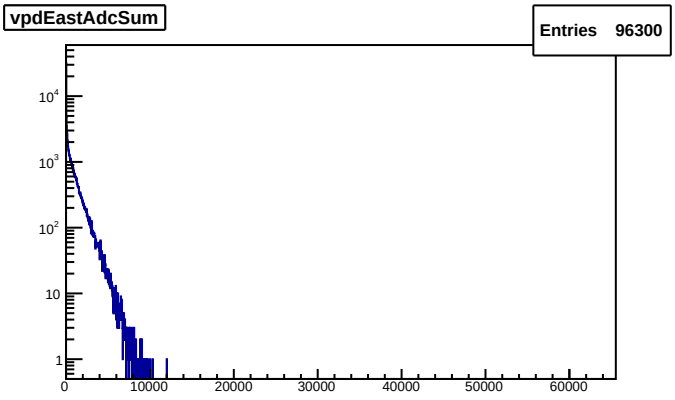

epdWestTac03VsSimu
Entries 0
Data
Simu

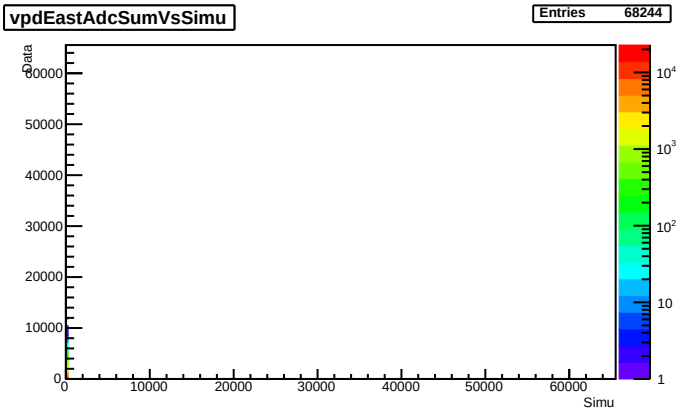

epdWestTac47
Entries 96300

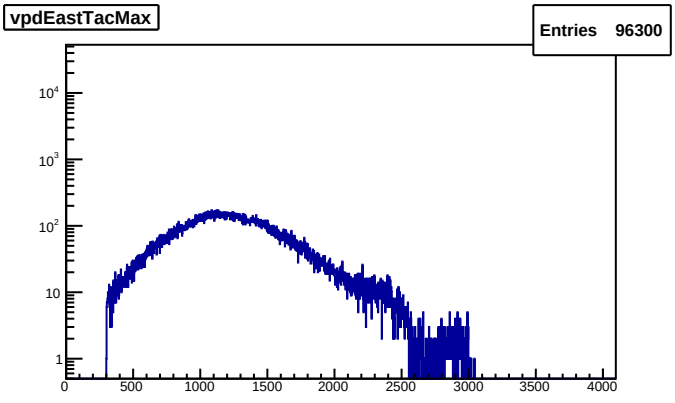

epdWestTac47VsSimu
Entries 0
Data
Simu

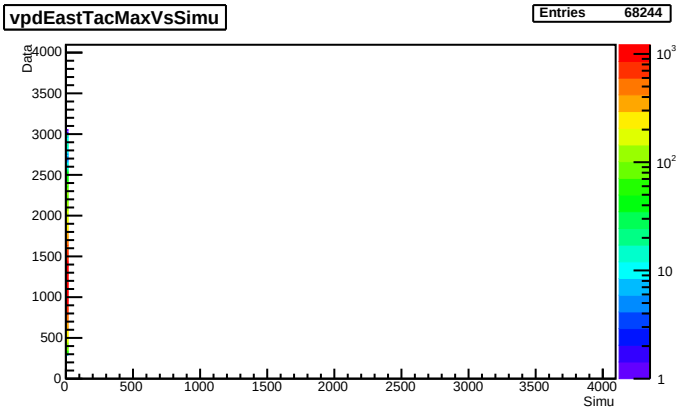

epdWestNHits
Entries 96300

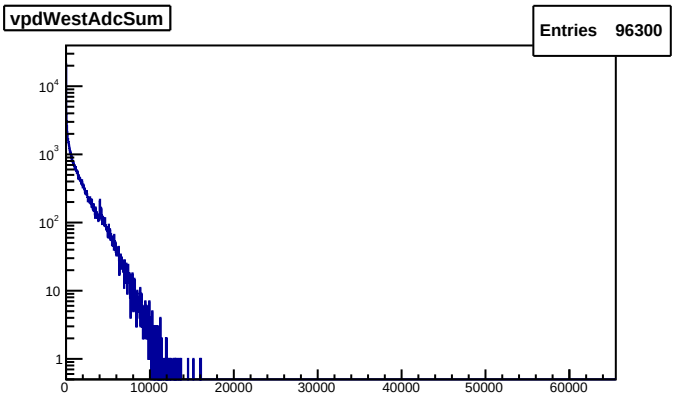

epdWestNHitsVsSimu
Entries 0
Data
Simu

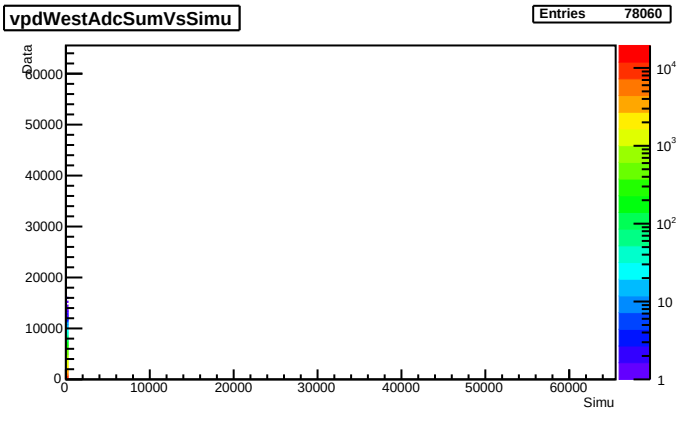

vpdEastAdcSum
Entries 96300

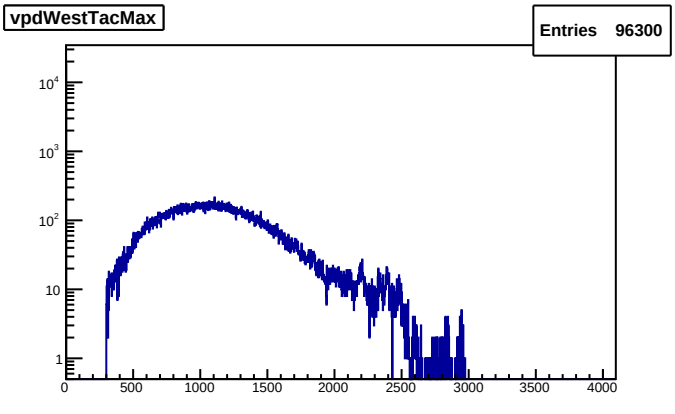

vpdEastAdcSumVsSimu
Entries 68244
Data
Simu

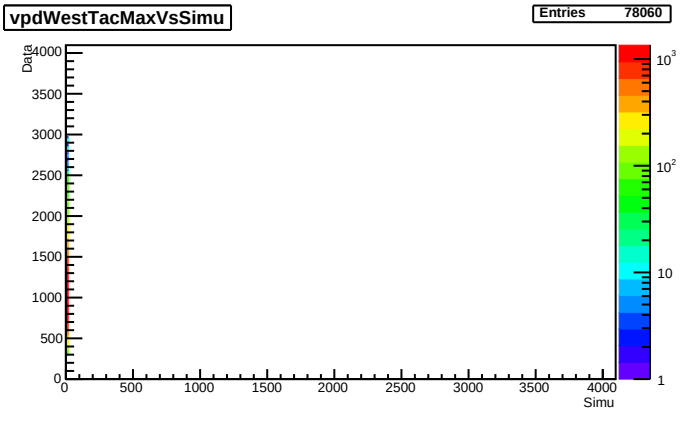

vpdEastTacMax
Entries 96300

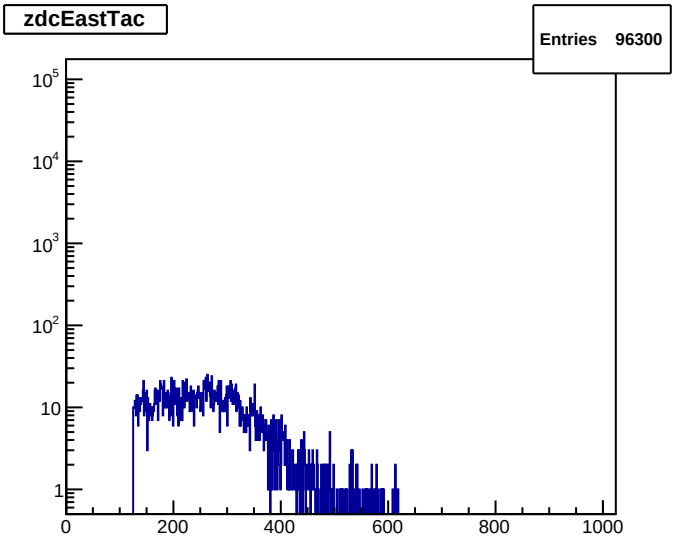

vpdEastTacMaxVsSimu
Entries 68244
Data
Simu

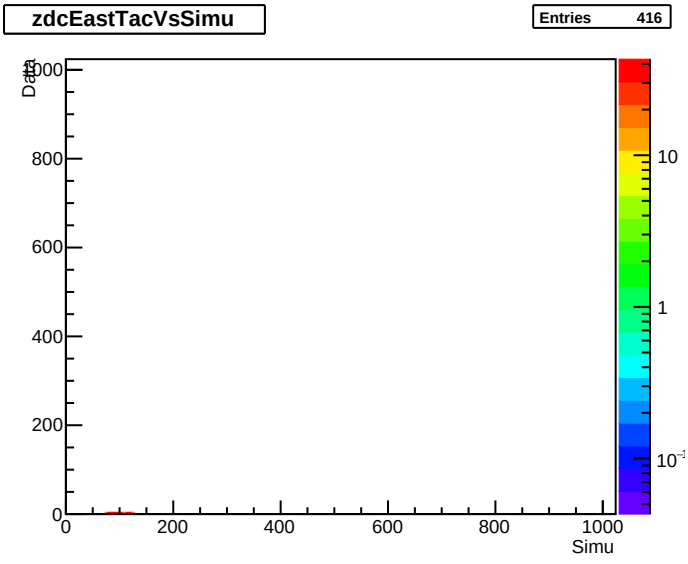

vpdWestAdcSum
Entries 96300

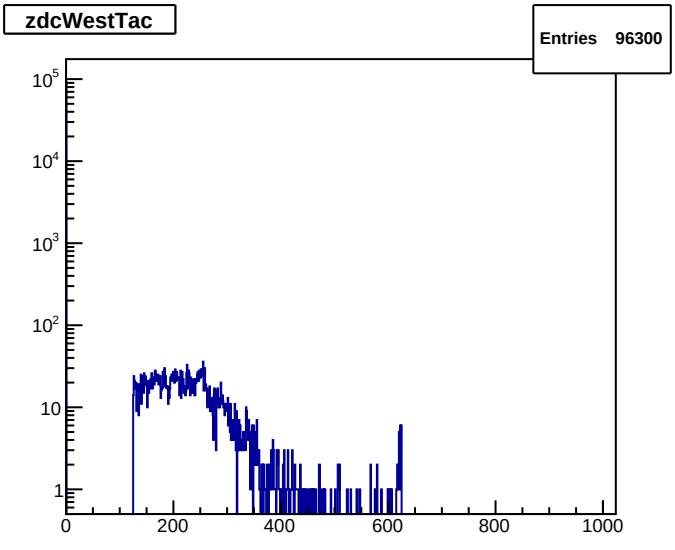

vpdWestAdcSumVsSimu
Entries 78060
Data
Simu

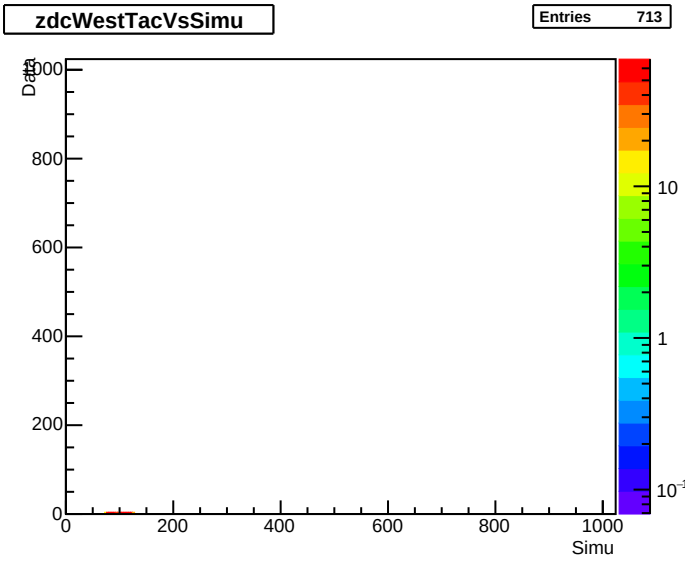

vpdWestTacMax
Entries 96300

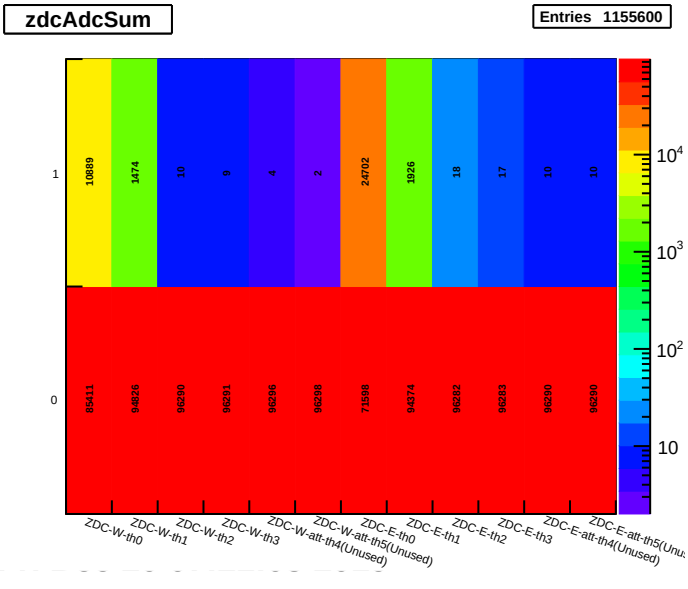

vpdWestTacMaxVsSimu
Entries 78060
Data
Simu

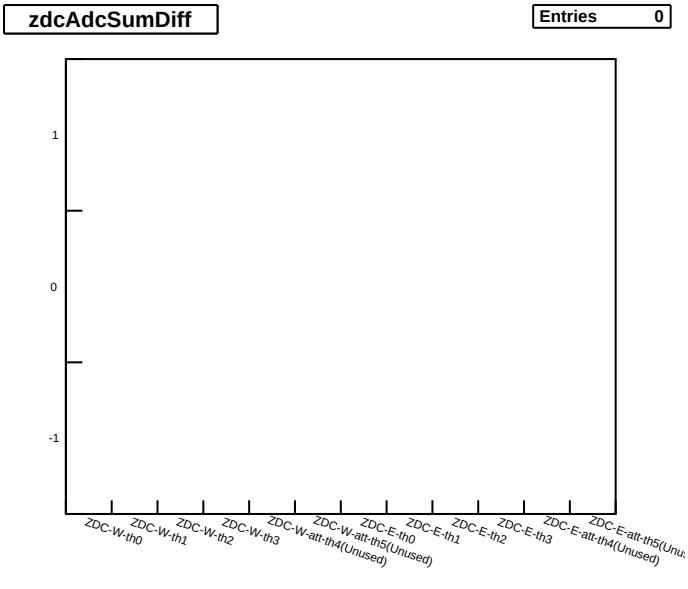

zdcEastTac
Entries 96300

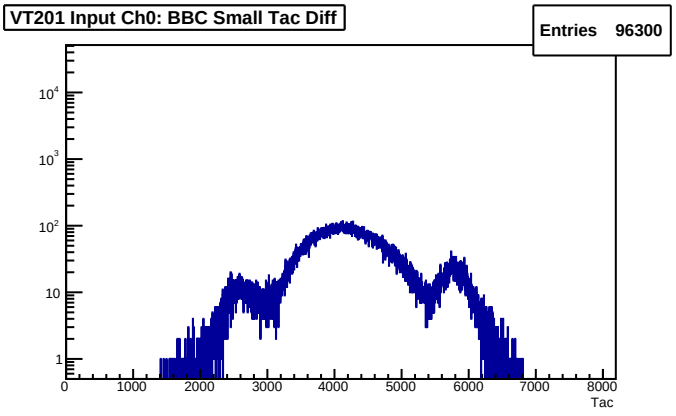

zdcEastTacVsSimu
Entries 416
Data
Simu

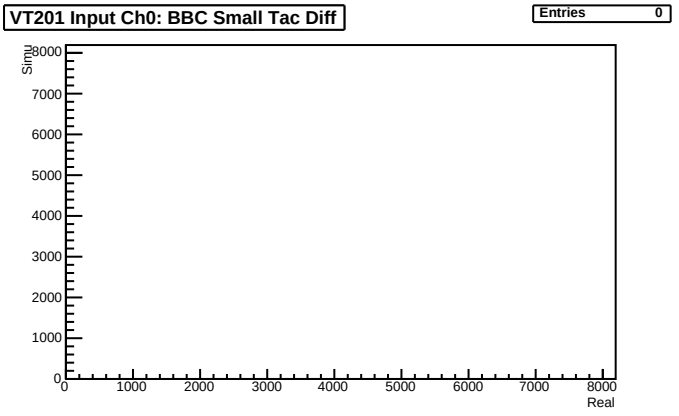

zdcWestTac
Entries 96300

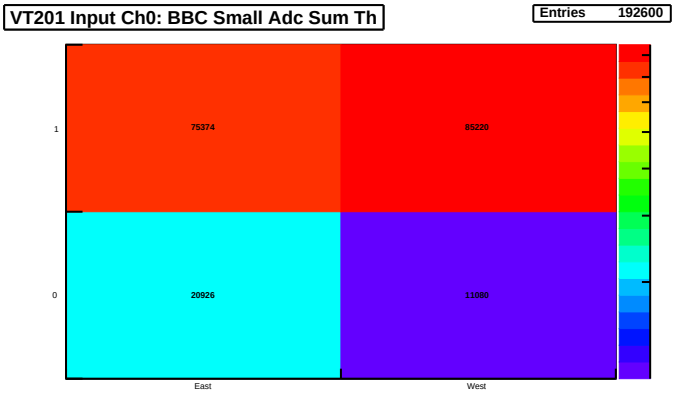

zdcWestTacVsSimu
Entries 713
Data
Simu

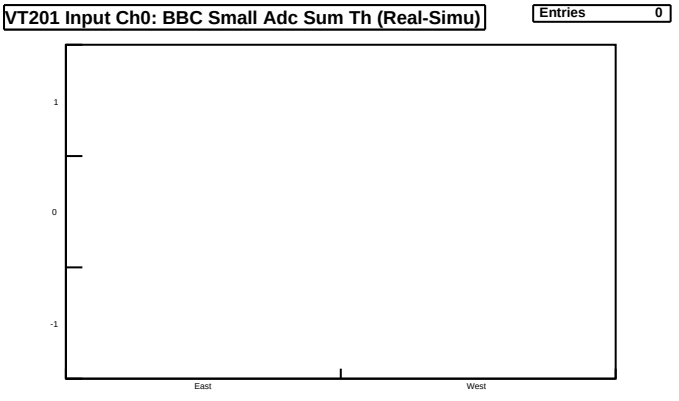

zdcAdcSum
Entries 1155600
10889
1474
10
9
4
2
24702
1926
18
17
10
10
85411
94826
96290
96291
96296
96298
71598
94374
96282
96283
96290
96290
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

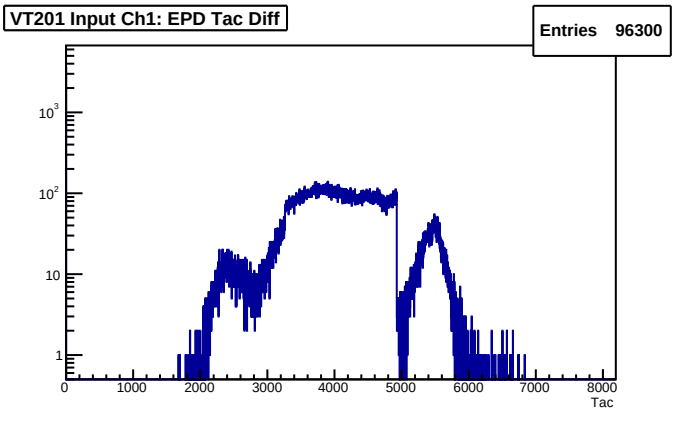

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

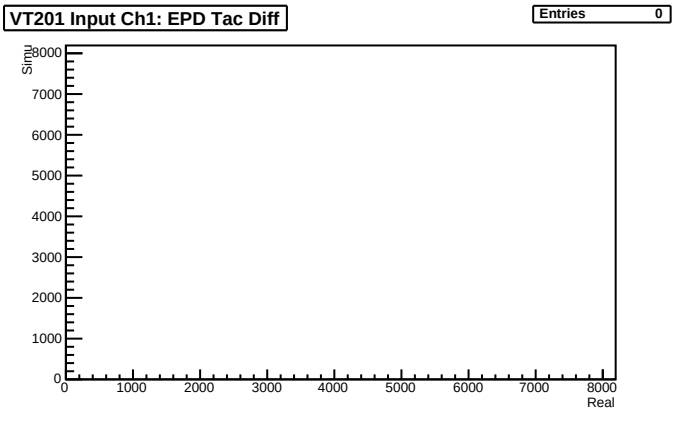

VT201 Input Ch0: BBC Small Tac Diff
Entries 96300
Tac

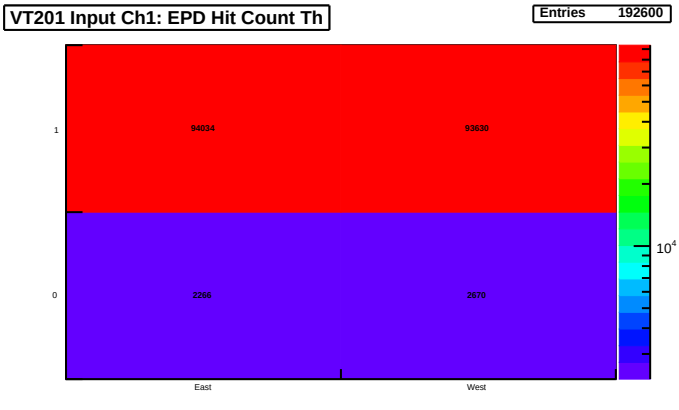

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

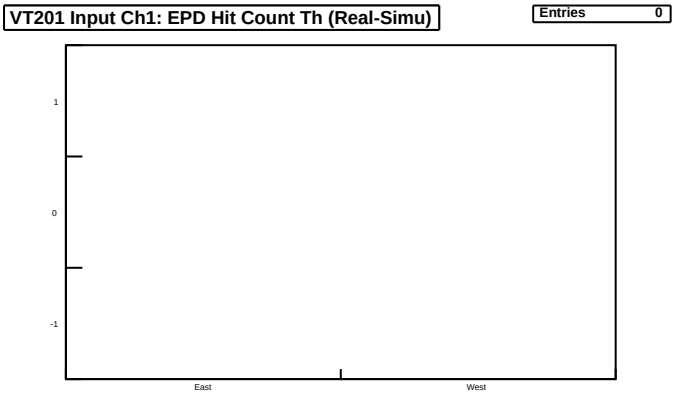

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 192600
75374
85220
20926
11080
East
West

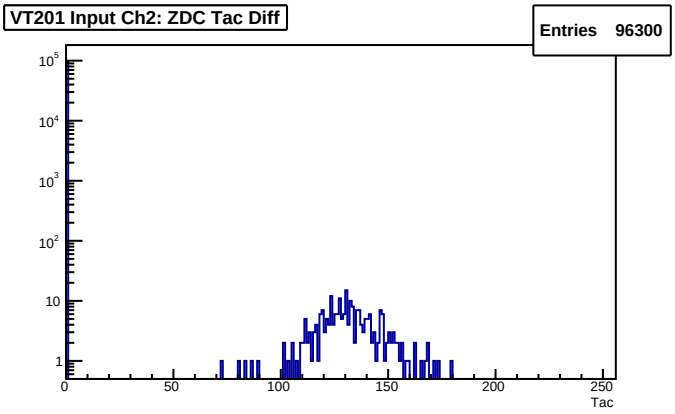

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

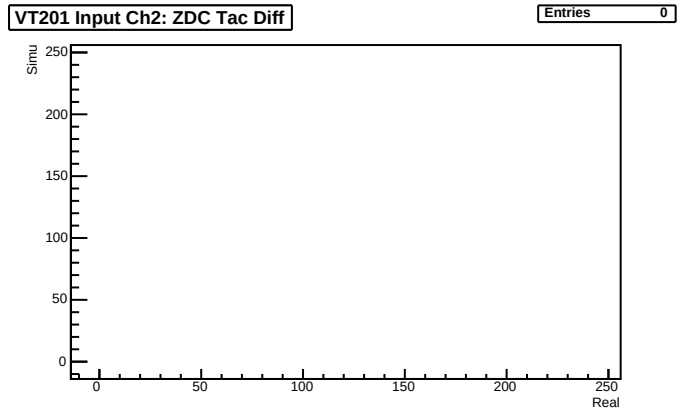

VT201 Input Ch1: EPD Tac Diff
Entries 96300
Tac

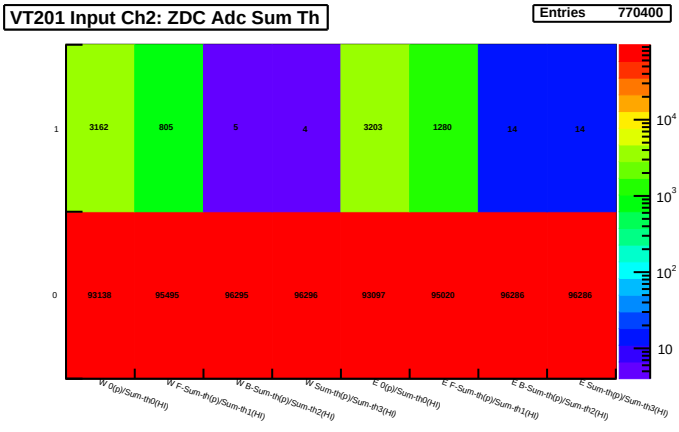

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

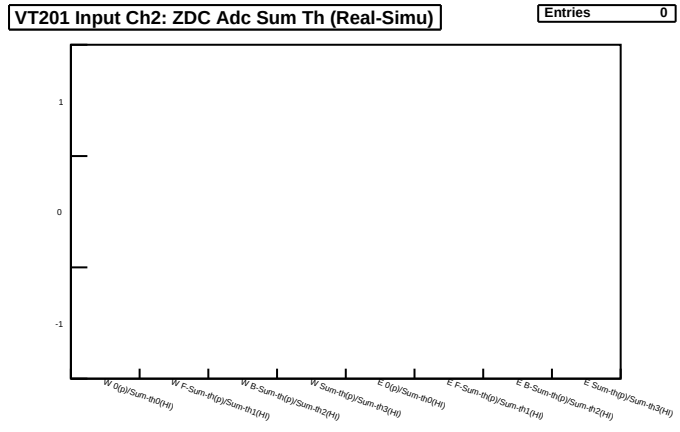

VT201 Input Ch1: EPD Hit Count Th
Entries 192600
94034
93630
2266
2670
East
West

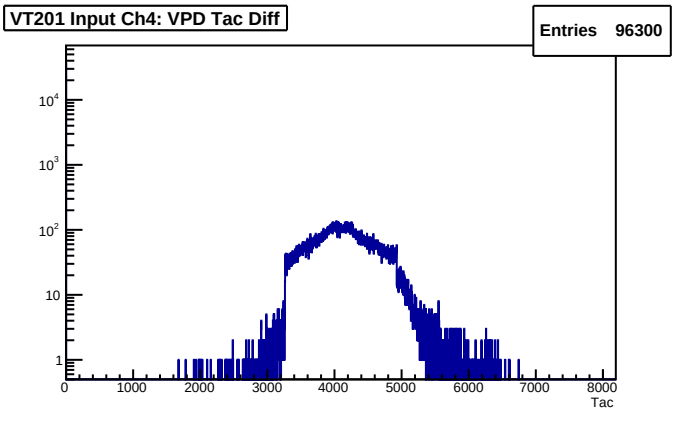

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

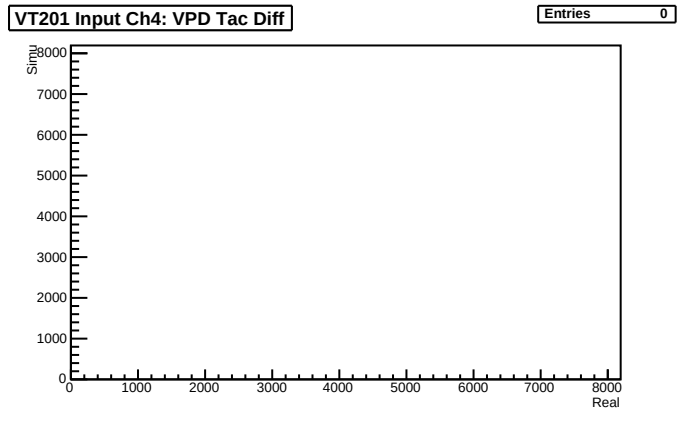

VT201 Input Ch2: ZDC Tac Diff
Entries 96300
Tac

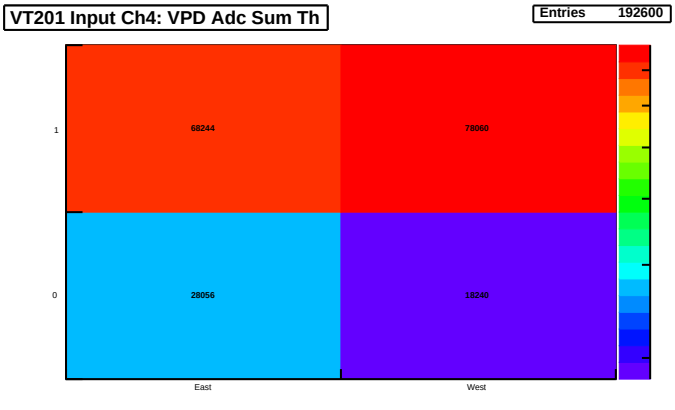

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

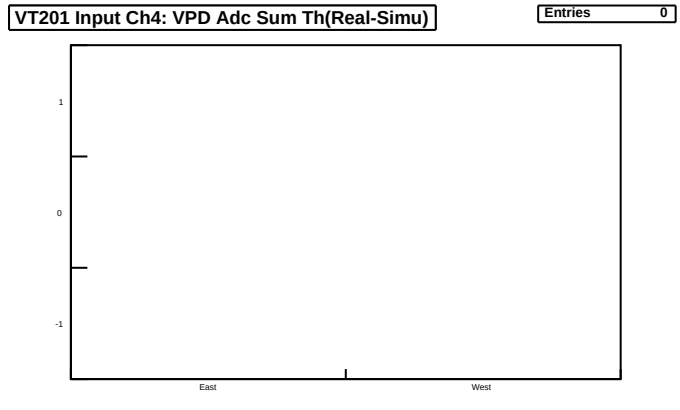

VT201 Input Ch2: ZDC Adc Sum Th
Entries 770400
3162
805
5
4
3203
1280
14
14
93138
95495
96295
96296
93097
95020
96286
96286
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

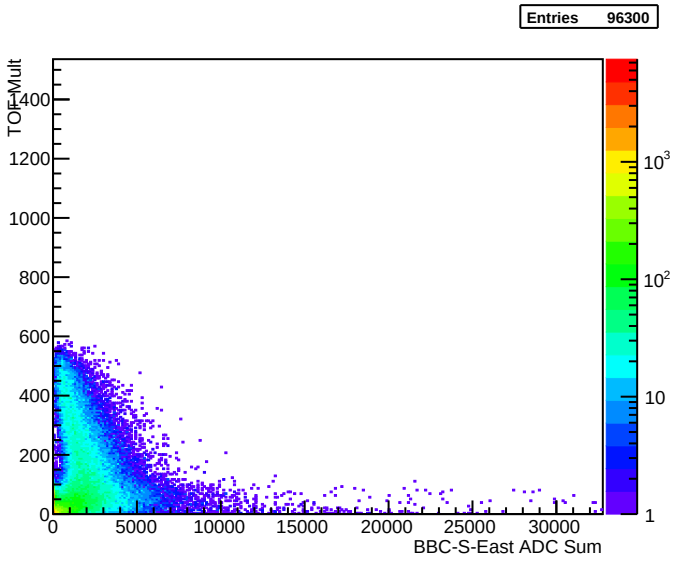

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

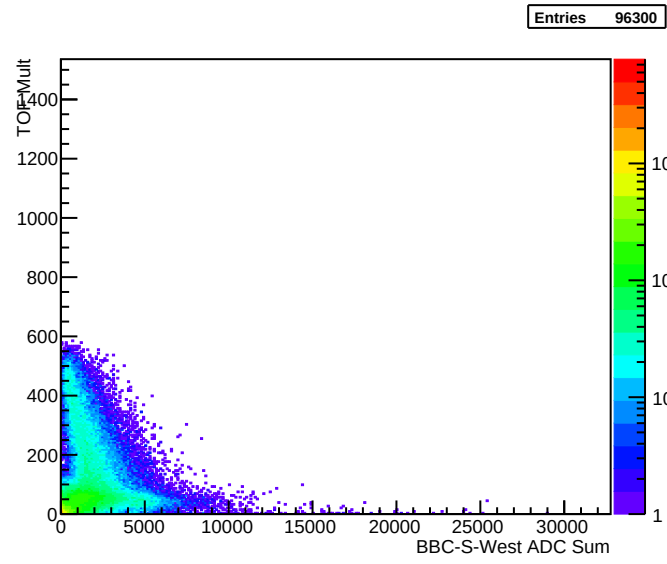

VT201 Input Ch4: VPD Tac Diff
Entries 96300
Tac

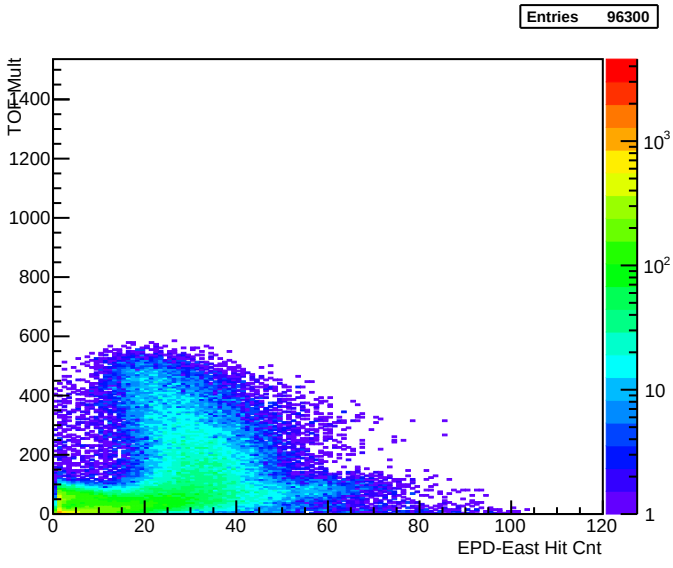

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

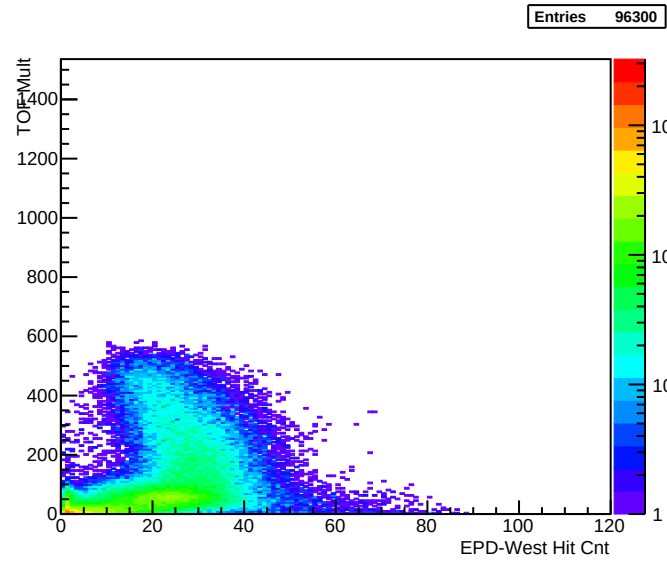

VT201 Input Ch4: VPD Adc Sum Th
Entries 192600
68244
78060
28056
18240
East
West

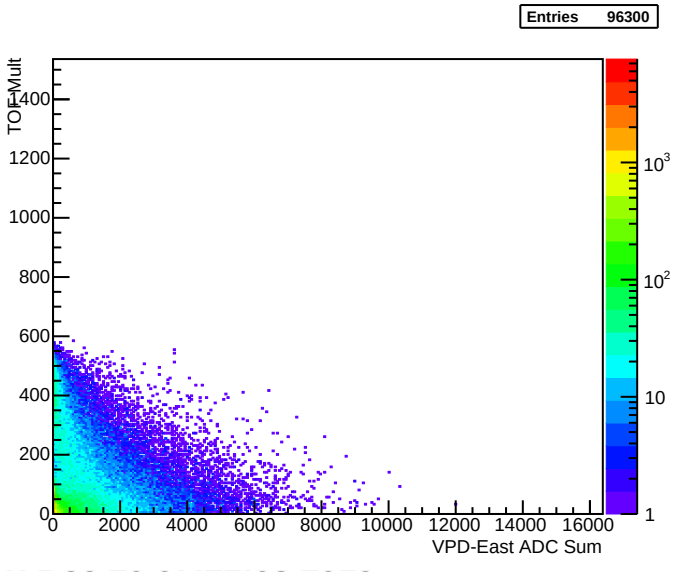

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

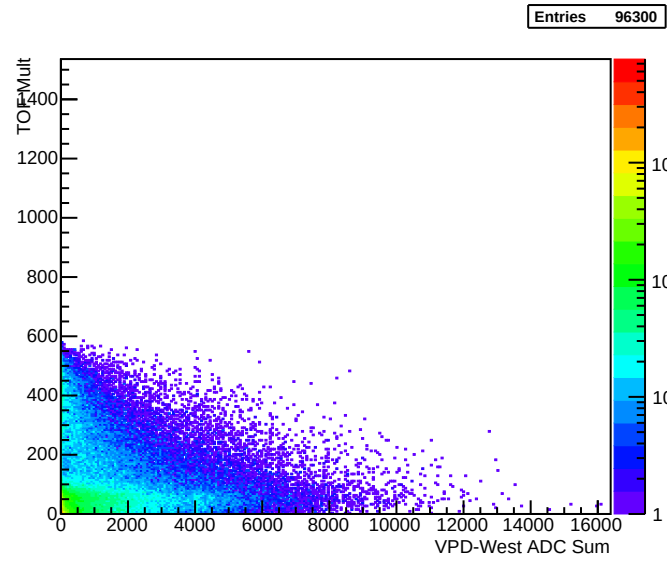

Entries 96300
TOF-Mult
BBC-S-East ADC Sum

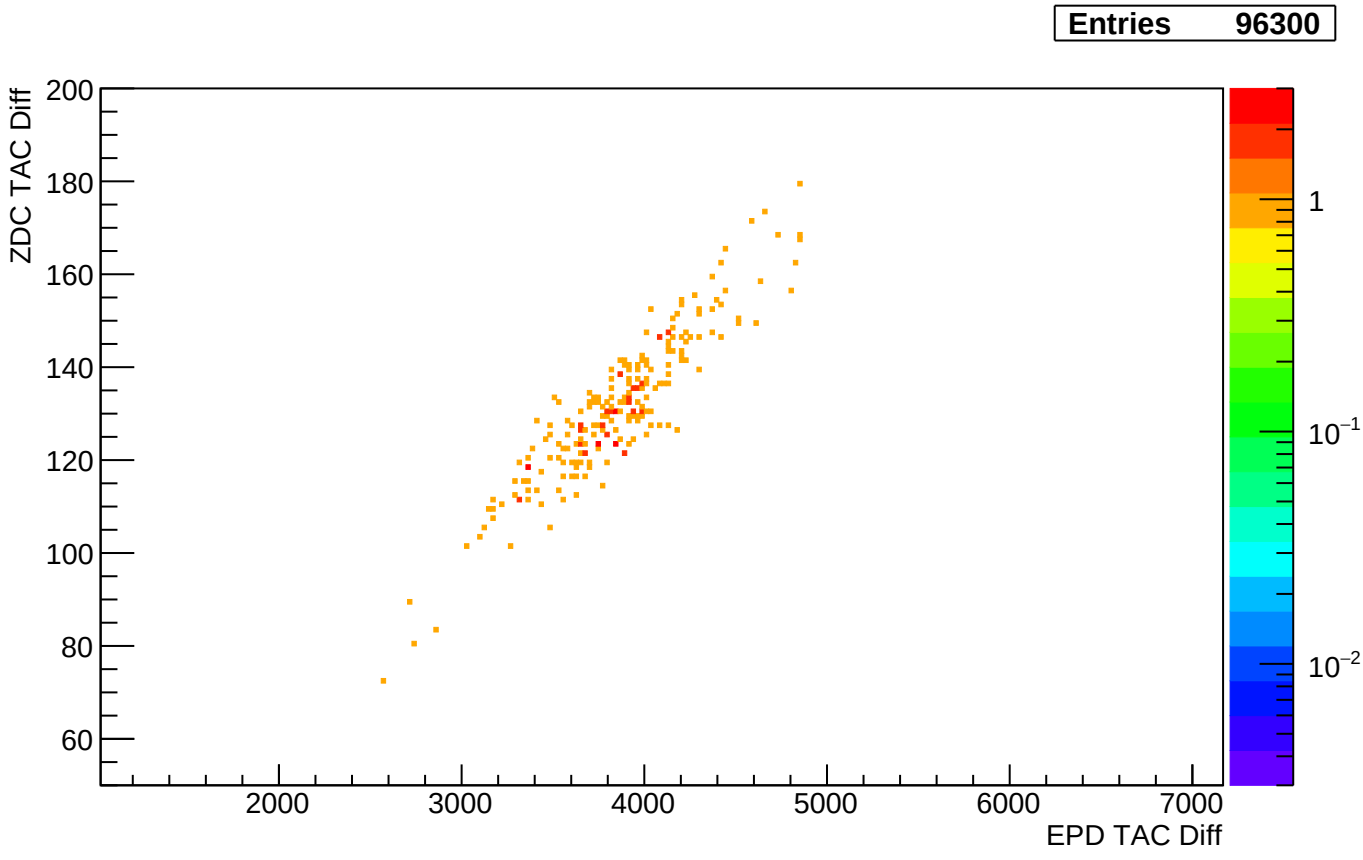

Entries 96300
TOF-Mult
BBC-S-West ADC Sum

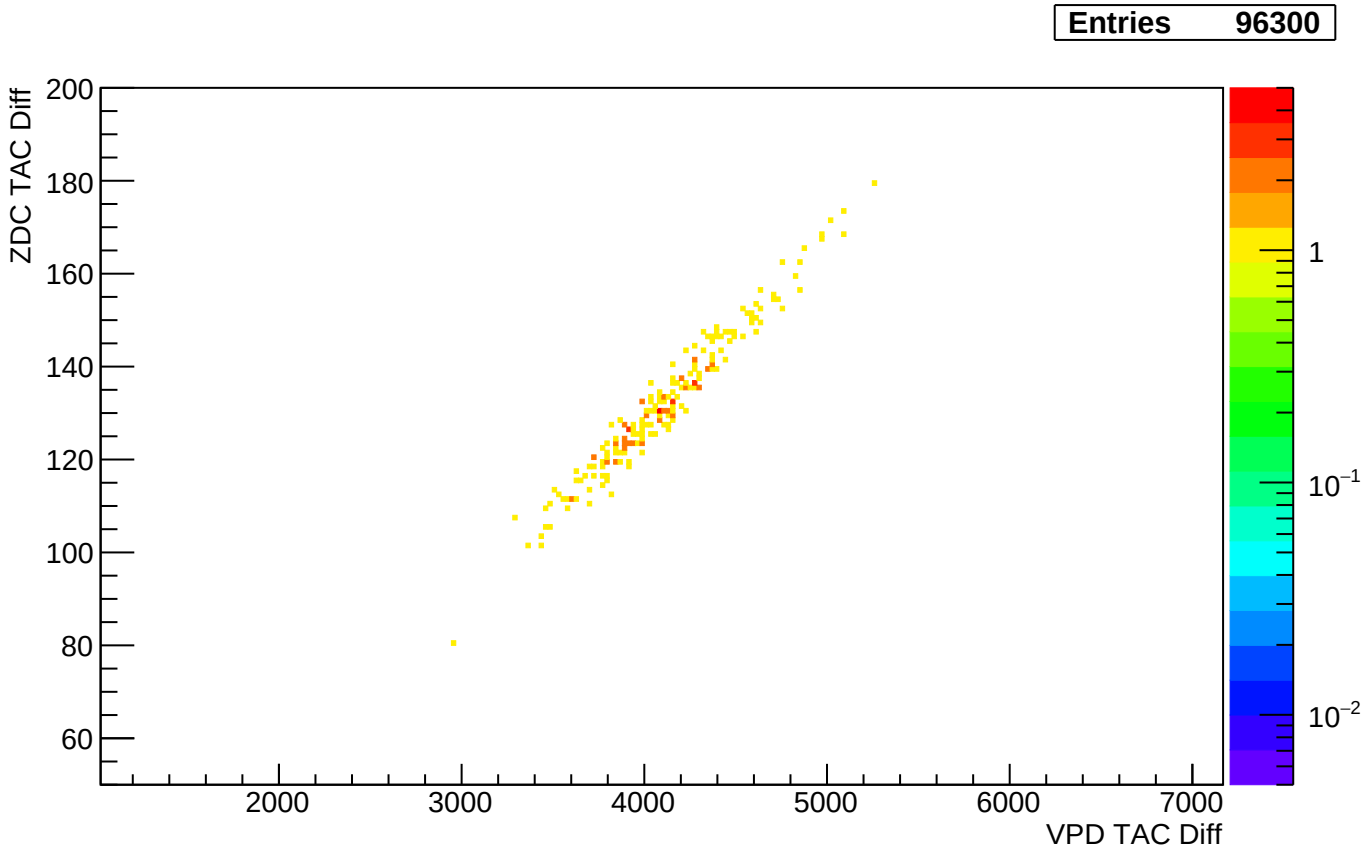

Entries 96300
TOF-Mult
EPD-East Hit Cnt

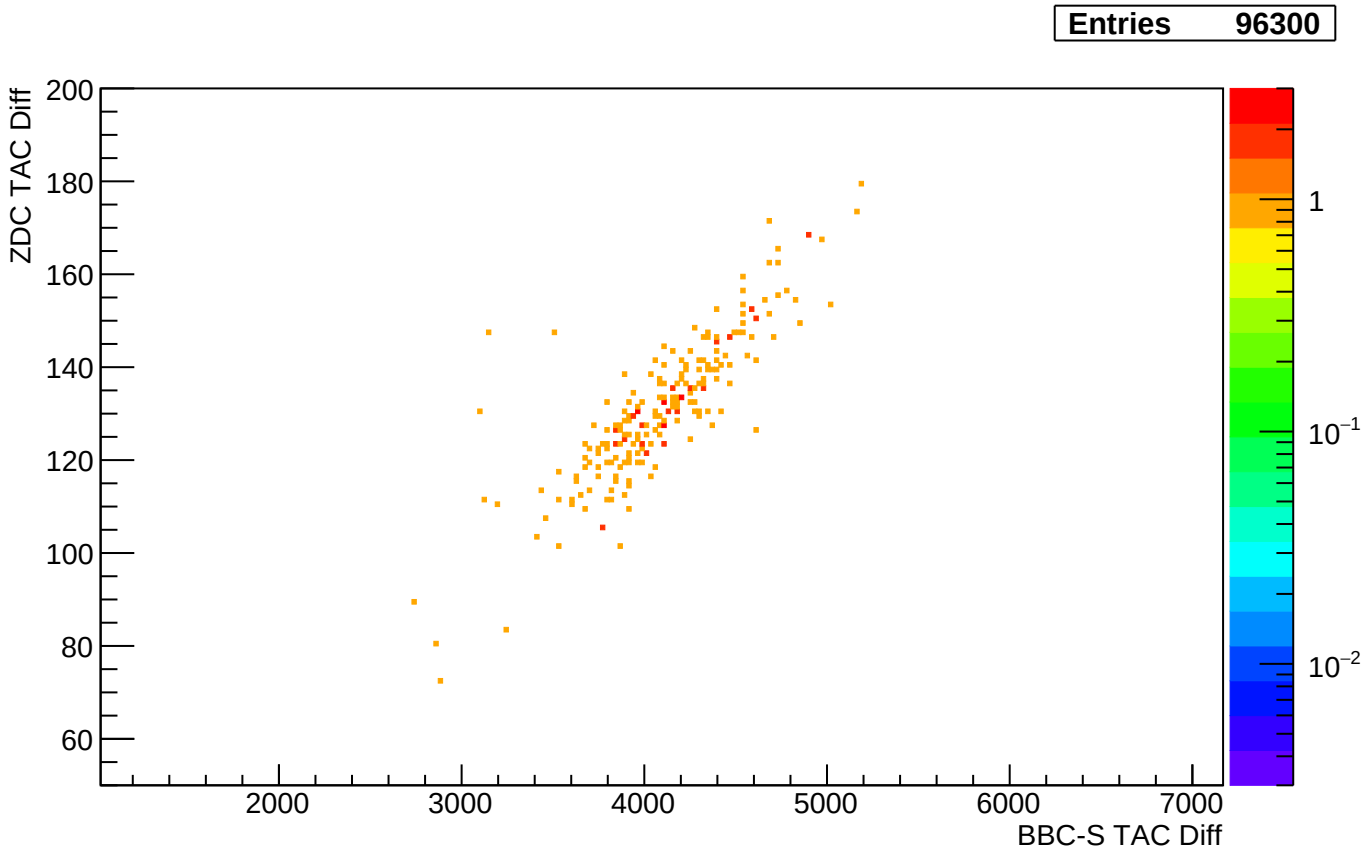

Entries 96300
TOF-Mult
EPD-West Hit Cnt

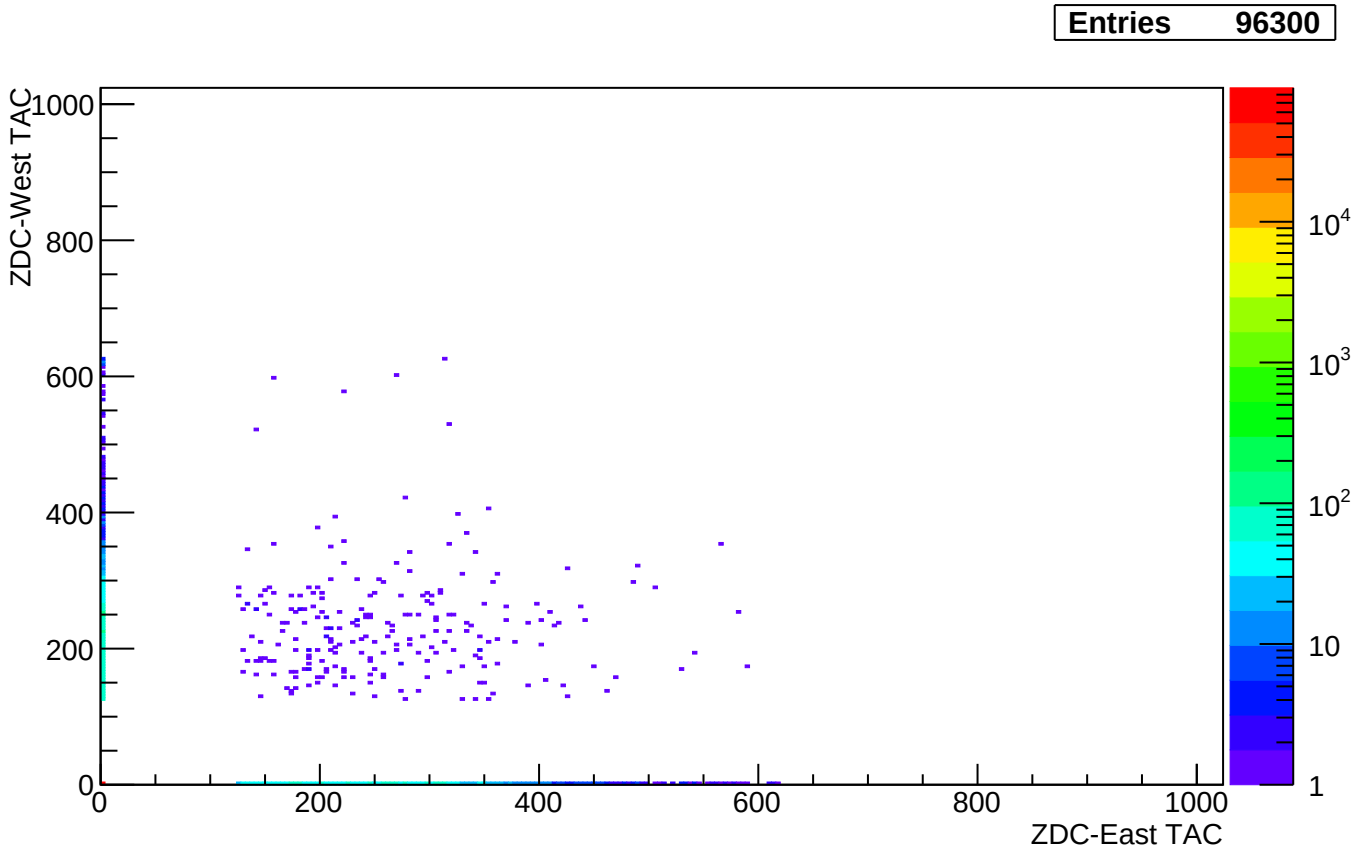

Entries 96300
TOF-Mult
VPD-East ADC Sum

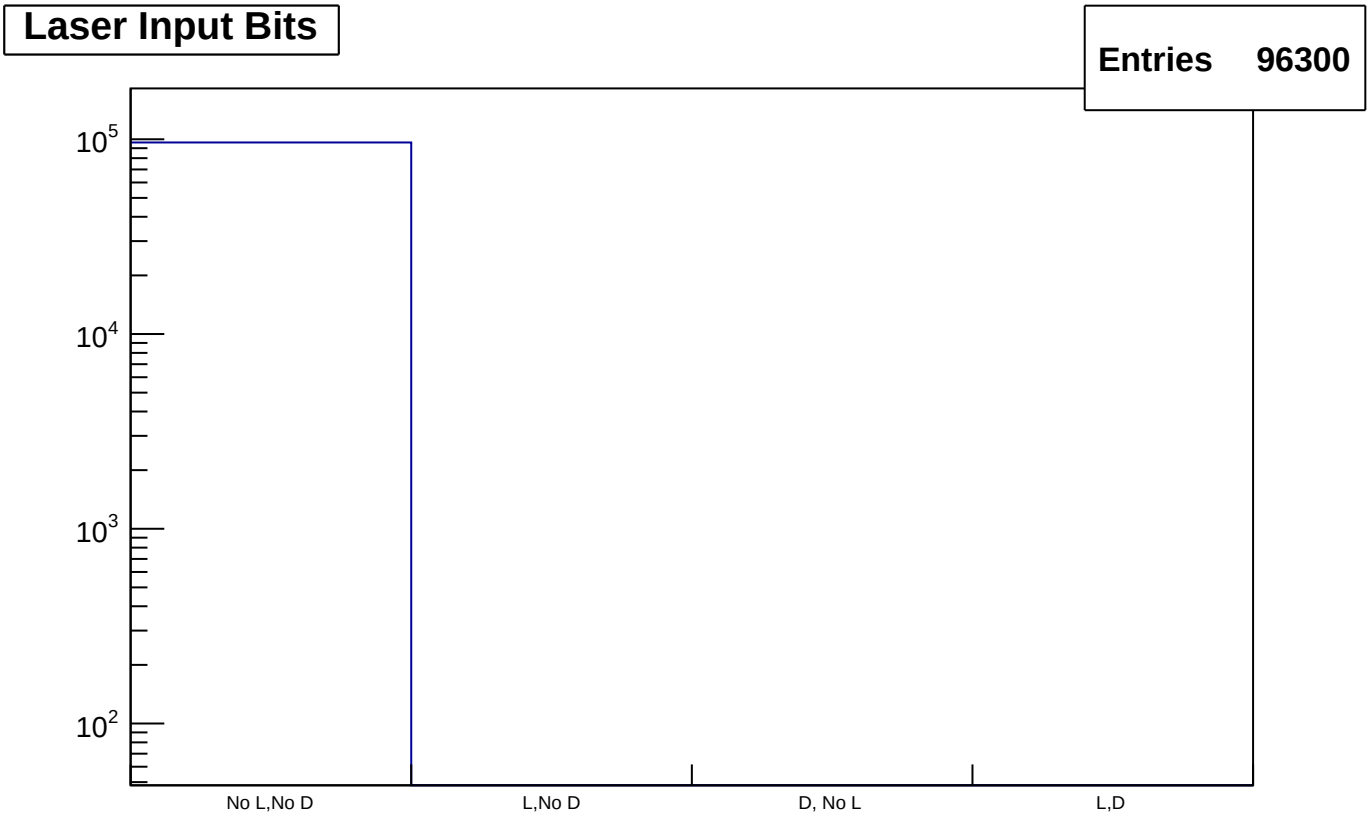

Entries 96300
TOF-Mult
VPD-West ADC Sum

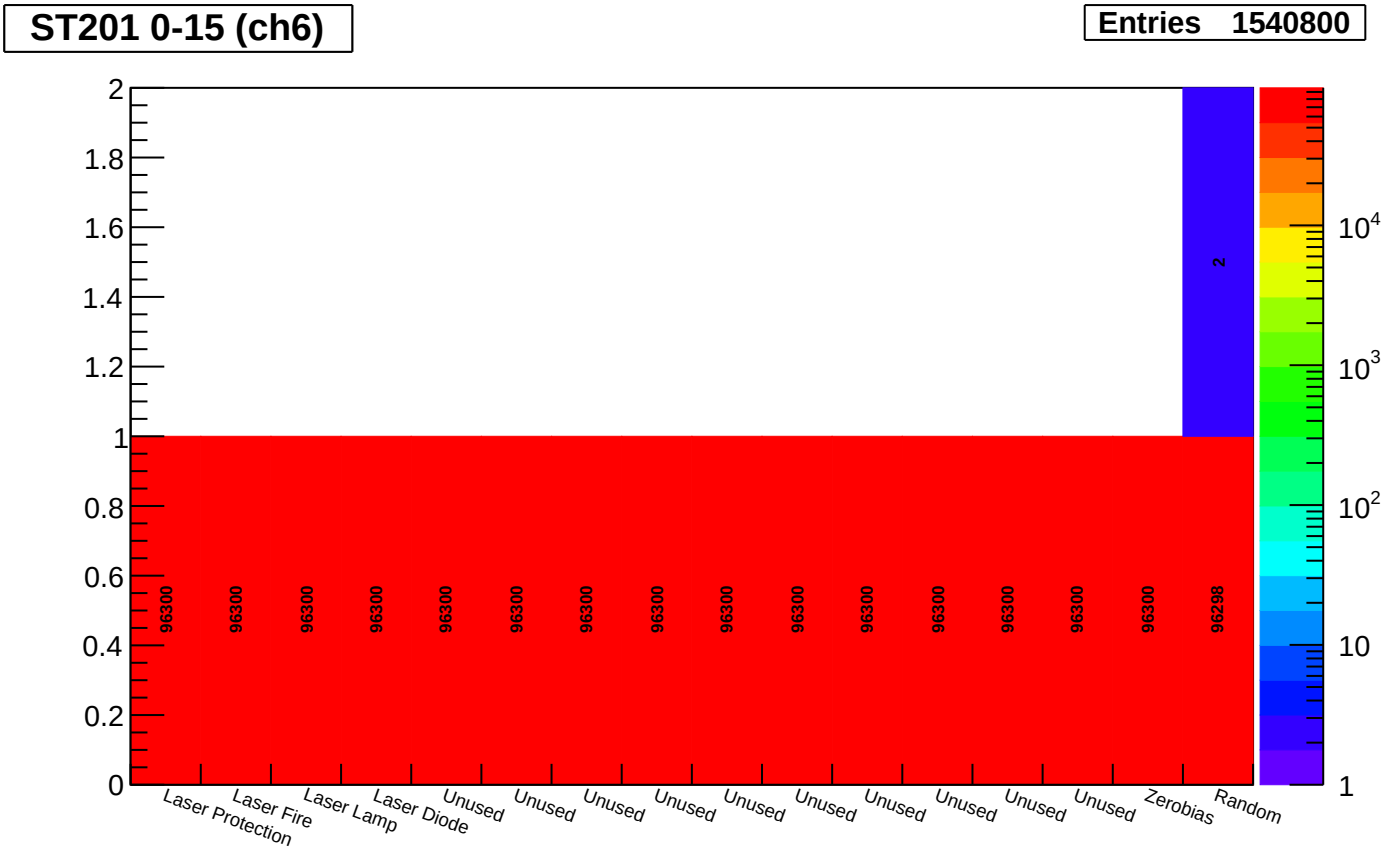

Entries 96300
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

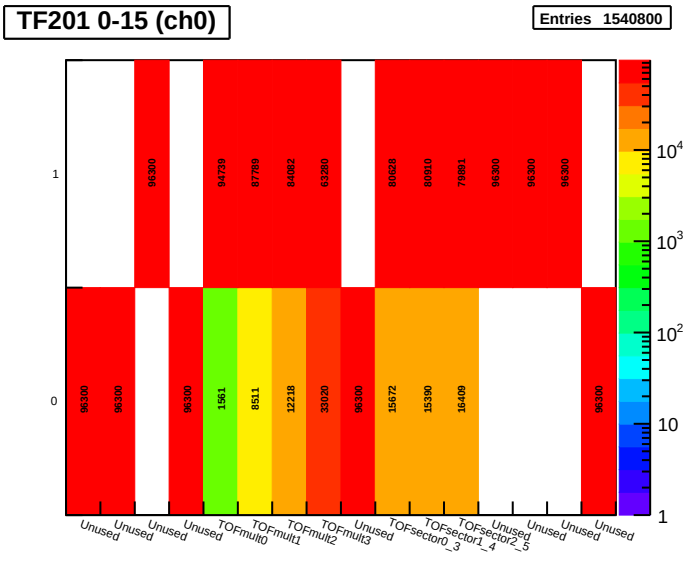

Entries 96300
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

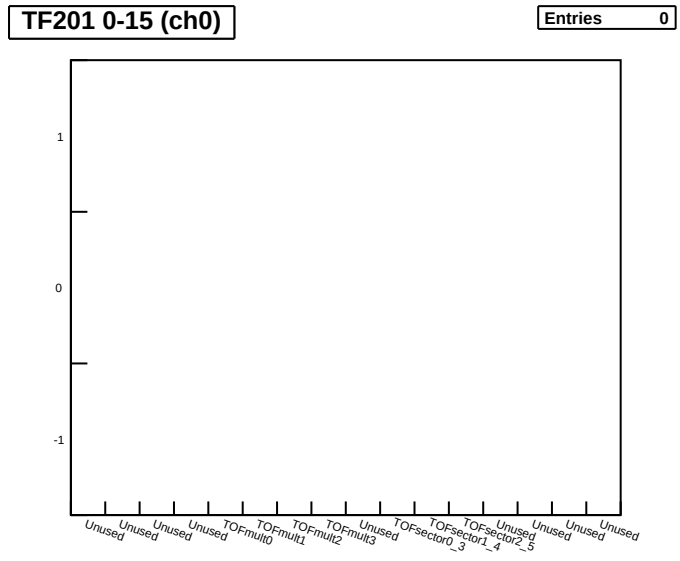

Entries 96300
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

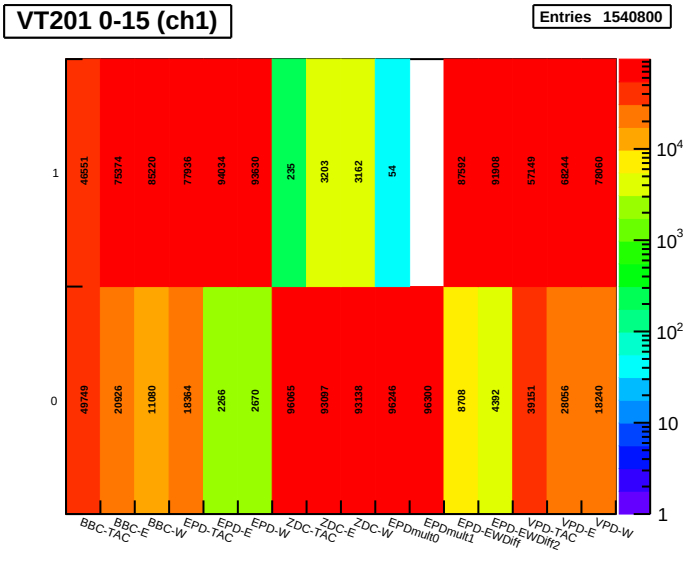

Entries 96300
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

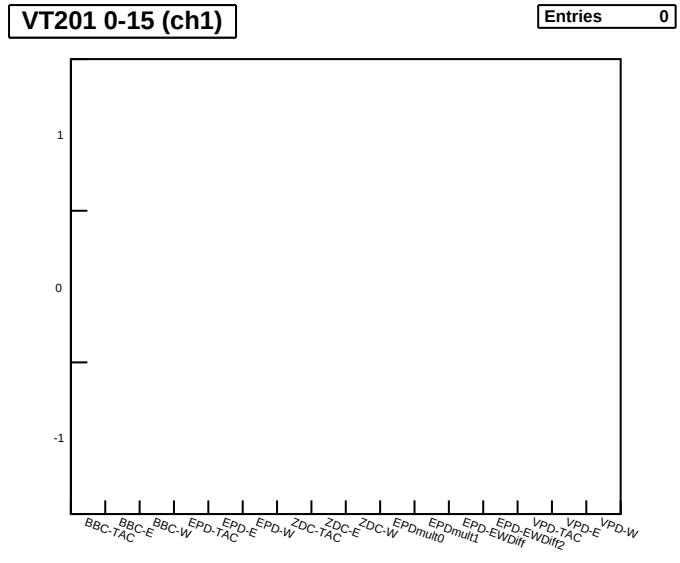

Laser Input Bits
Entries 96300
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

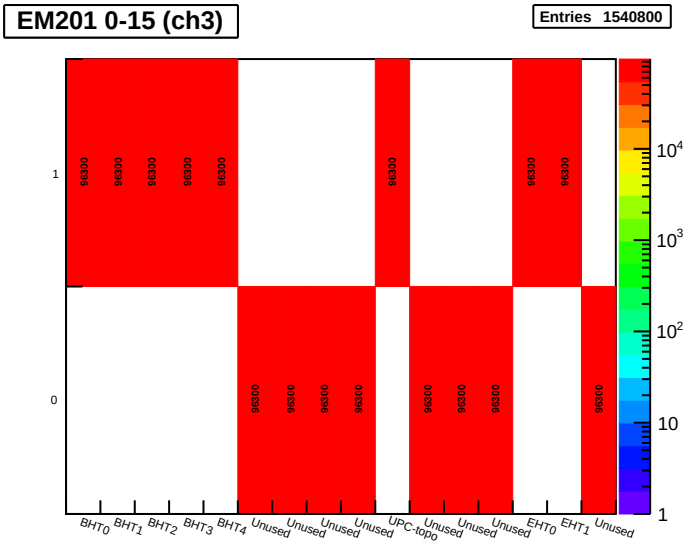

ST201 0-15 (ch6)
Entries 1540800
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^4
10^3
10^2
10
1
2
96300
96298
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

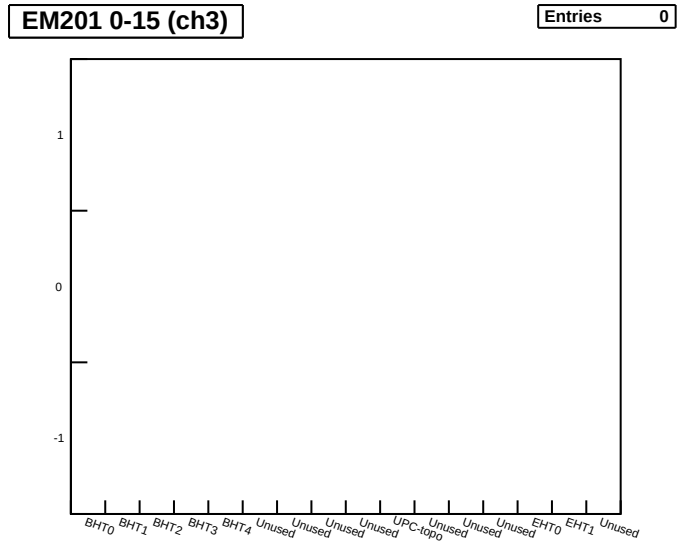

TF201 0-15 (ch0)
Entries 1540800
1
0
96300 94739 87789 84082 63280 80628 80910 79891 96300 96300 96300
96300 96300 96300 1561 8511 12218 33020 96300 15672 15390 16409 96300
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused 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 1540800
1
0
46551 75374 85220 77936 94034 93630 235 3203 3162 54 87592 91908 57149 63244 78060
49749 20926 11080 18364 2266 2670 96065 93097 93138 96246 96300 8708 4392 39151 28056 18240
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 1540800
1
0
96300 96300 96300 96300 96300 96300 96300 96300
96300 96300 96300 96300 96300 96300 96300 96300
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