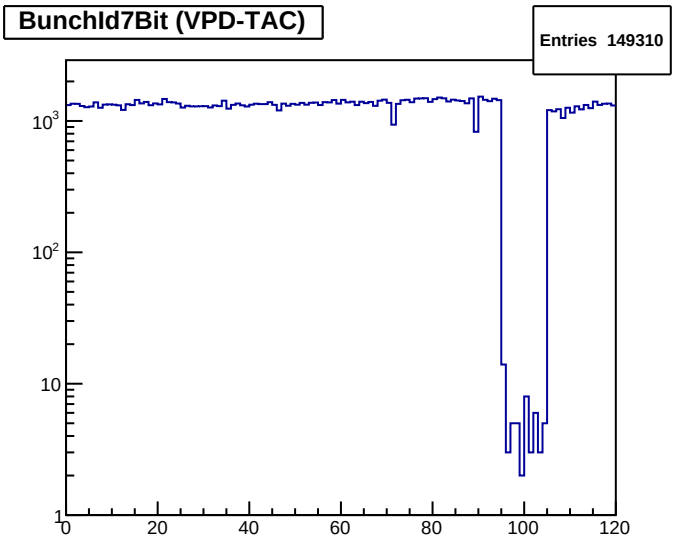
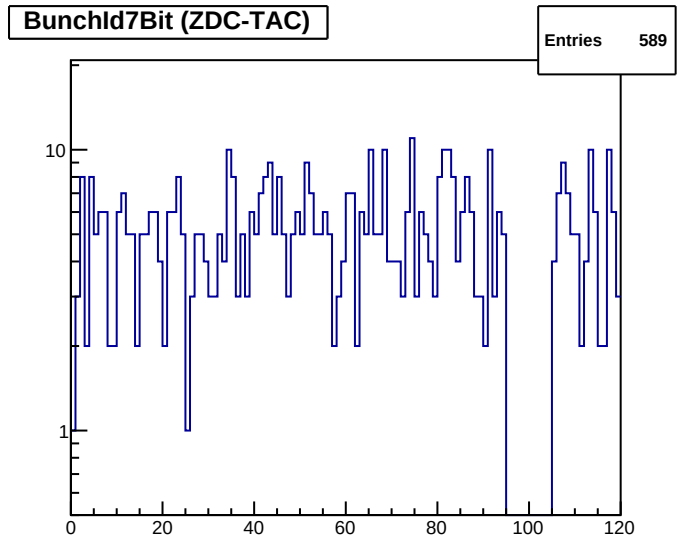
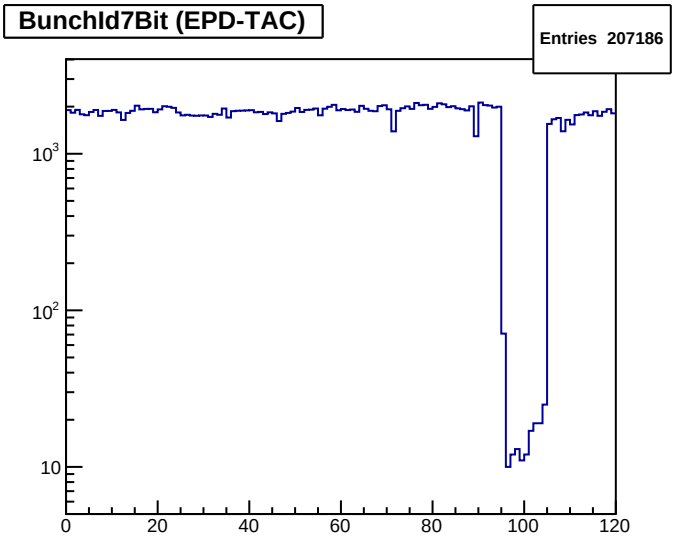
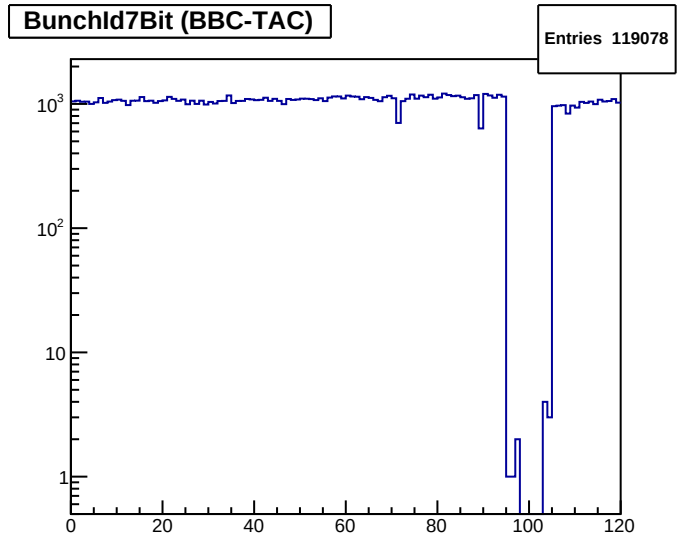
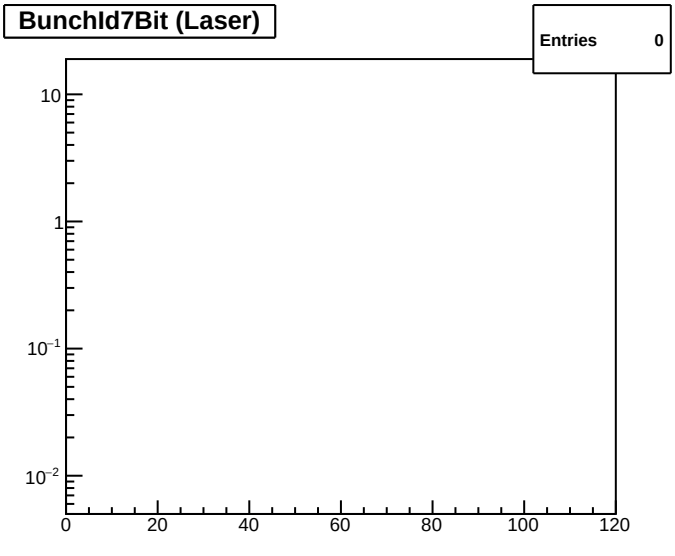
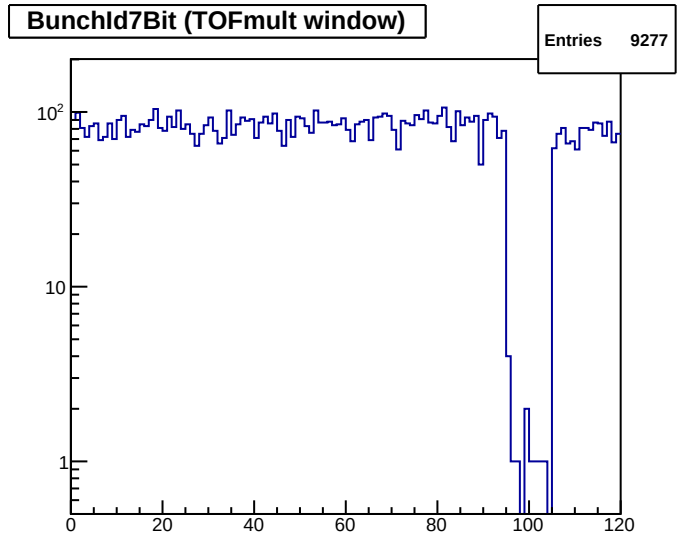

BunchId7Bit (VPD-TAC)
Entries 149310

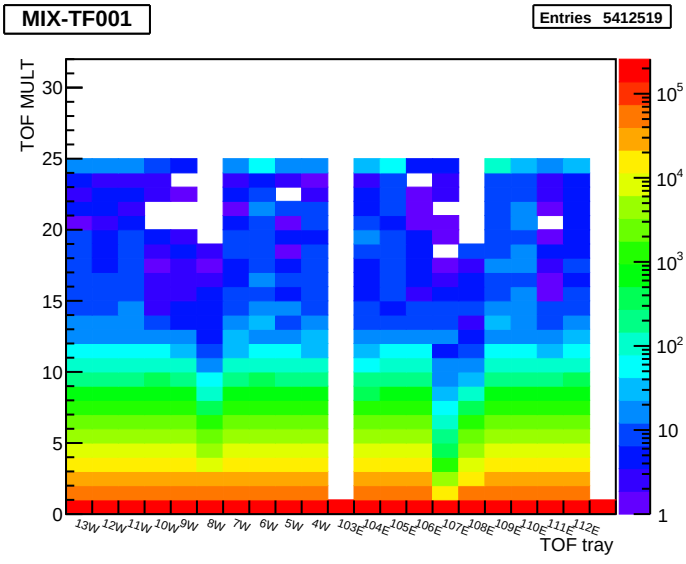

BunchId7Bit (ZDC-TAC)
Entries 589

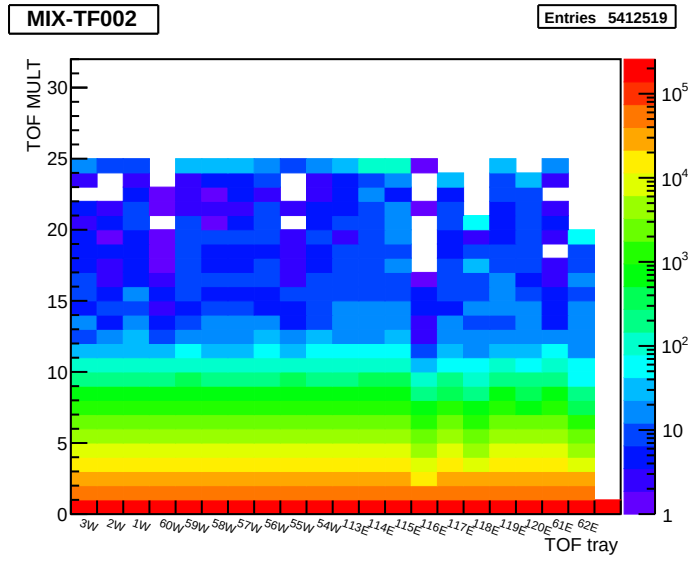

BunchId7Bit (EPD-TAC)
Entries 207186

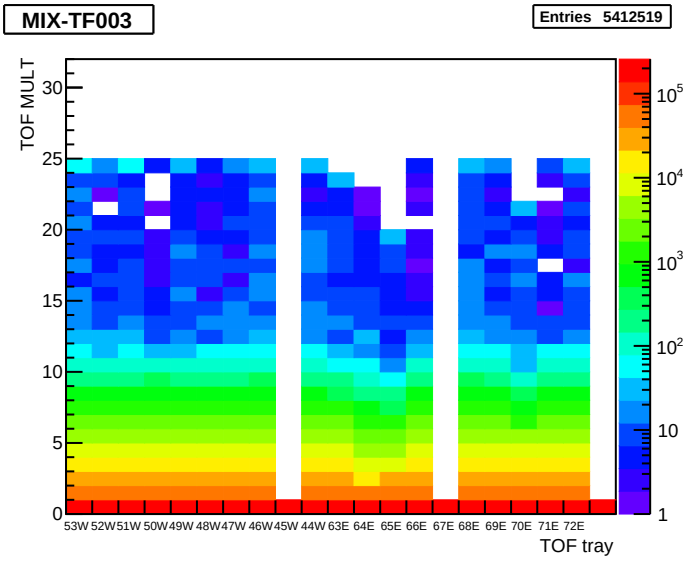

BunchId7Bit (BBC-TAC)
Entries 119078

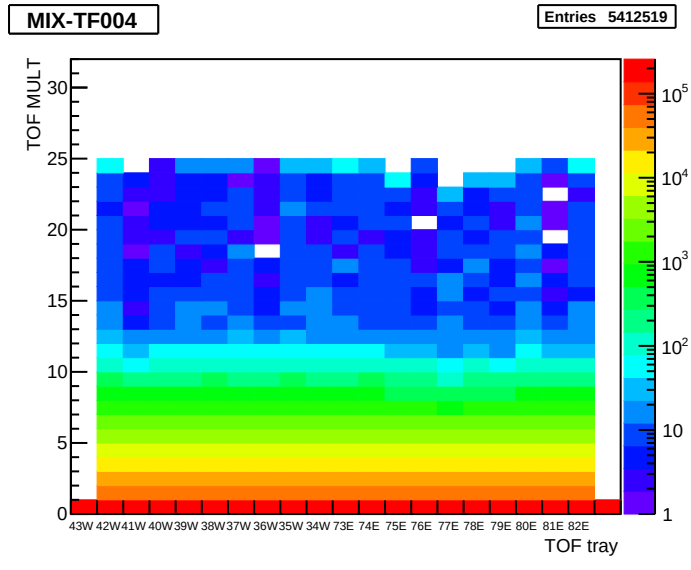

BunchId7Bit (Laser)
Entries 0

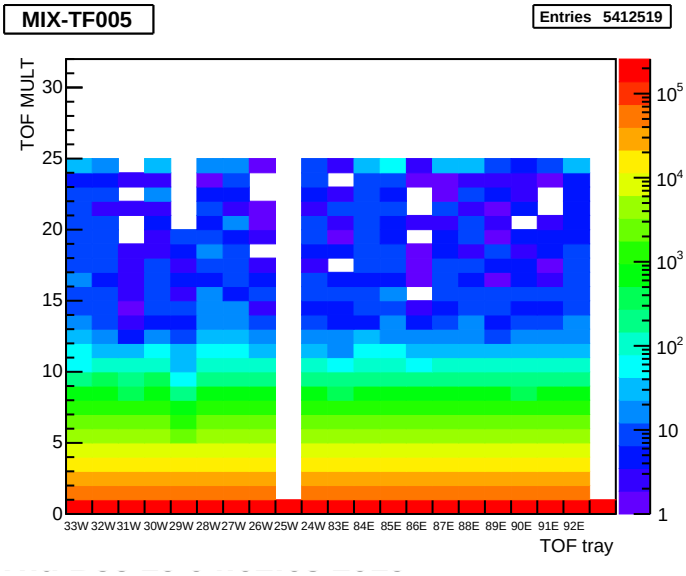

BunchId7Bit (TOFmult window)
Entries 9277

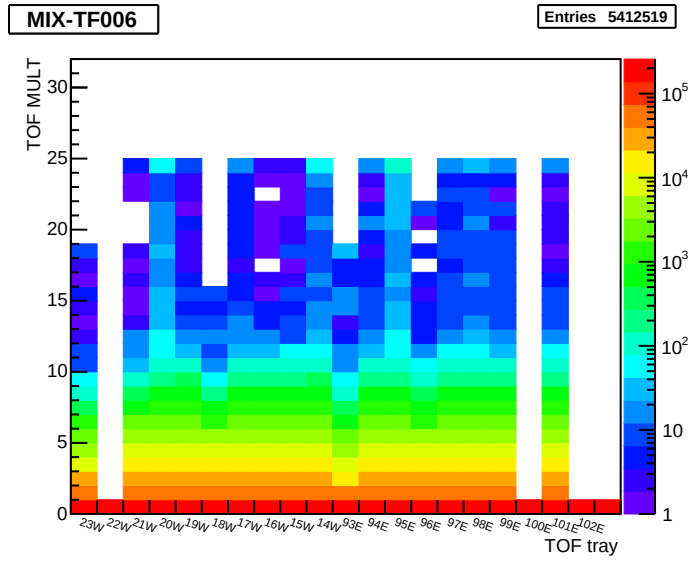

MIX-TF001
Entries 5412519
TOF MULT
TOF tray

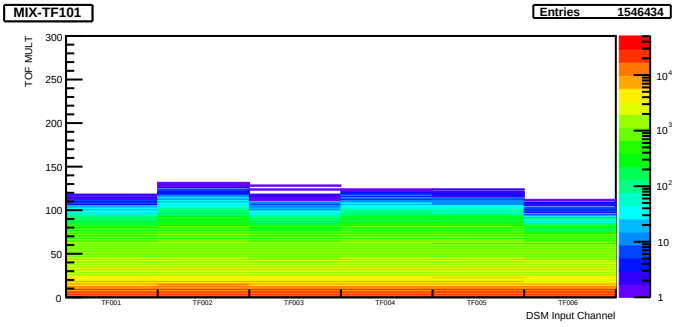

MIX-TF002
Entries 5412519
TOF MULT
TOF tray

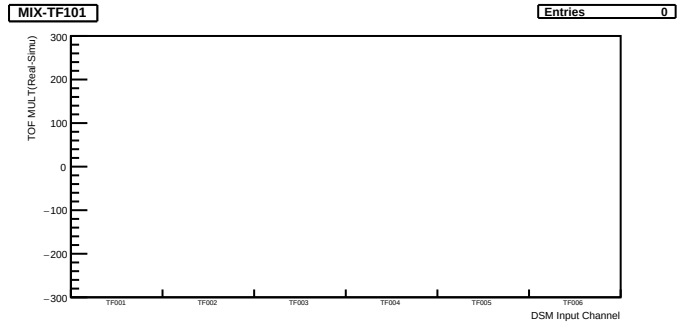

MIX-TF003
Entries 5412519
TOF MULT
TOF tray

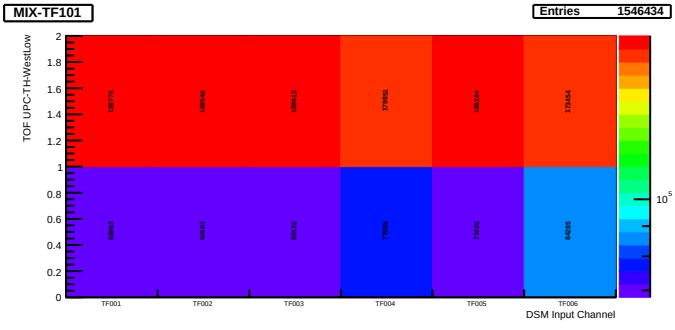

MIX-TF004
Entries 5412519
TOF MULT
TOF tray

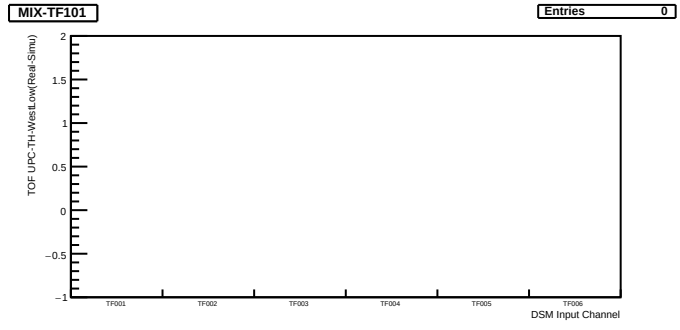

MIX-TF005
Entries 5412519
TOF MULT
TOF tray

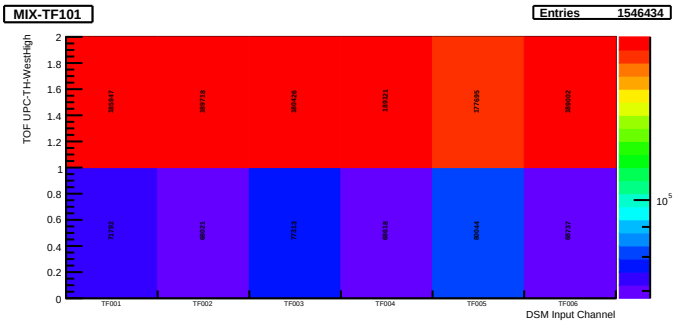

MIX-TF006
Entries 5412519
TOF MULT
TOF tray

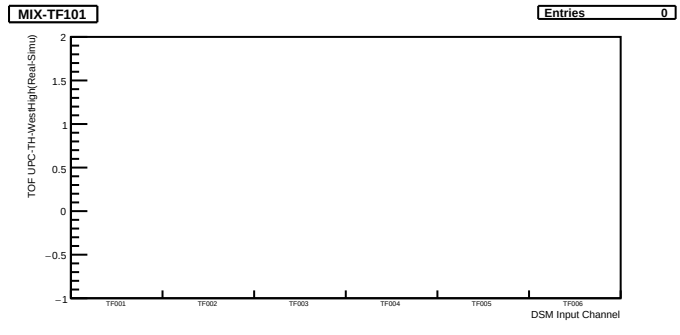

MIX-TF101
Entries 1546434
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

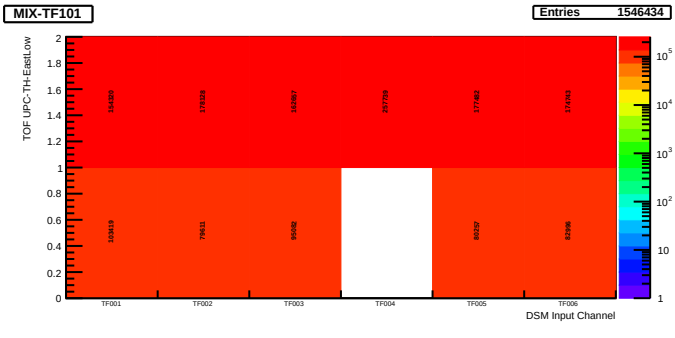

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

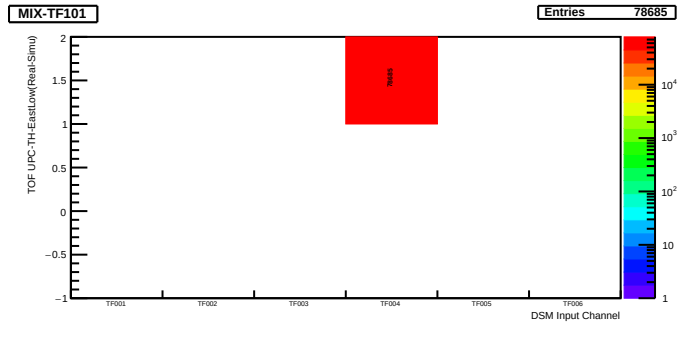

MIX-TF101
Entries 1546434
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

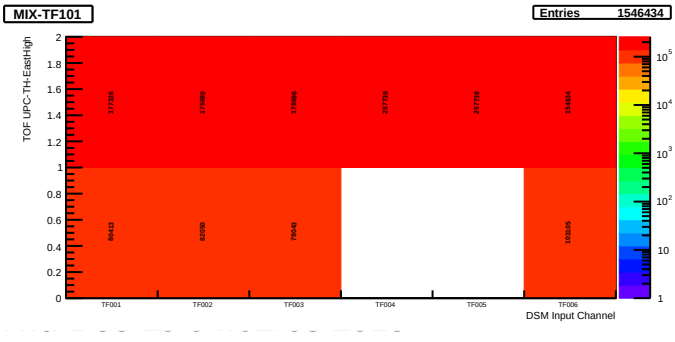

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

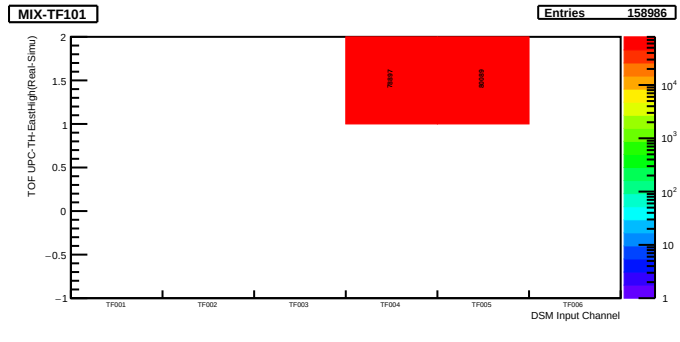

MIX-TF101
Entries 1546434
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

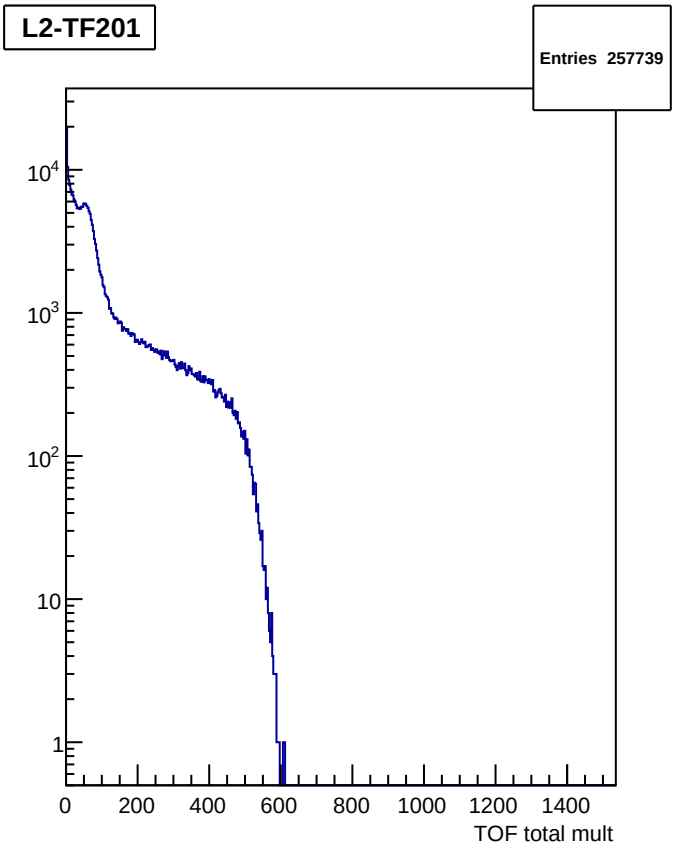

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

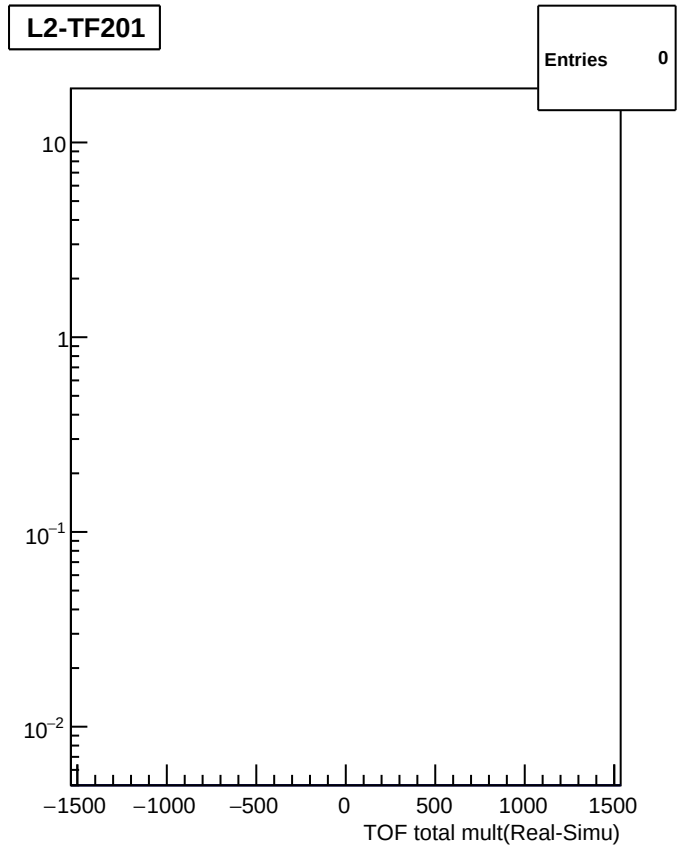

MIX-TF101
Entries 1546434
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

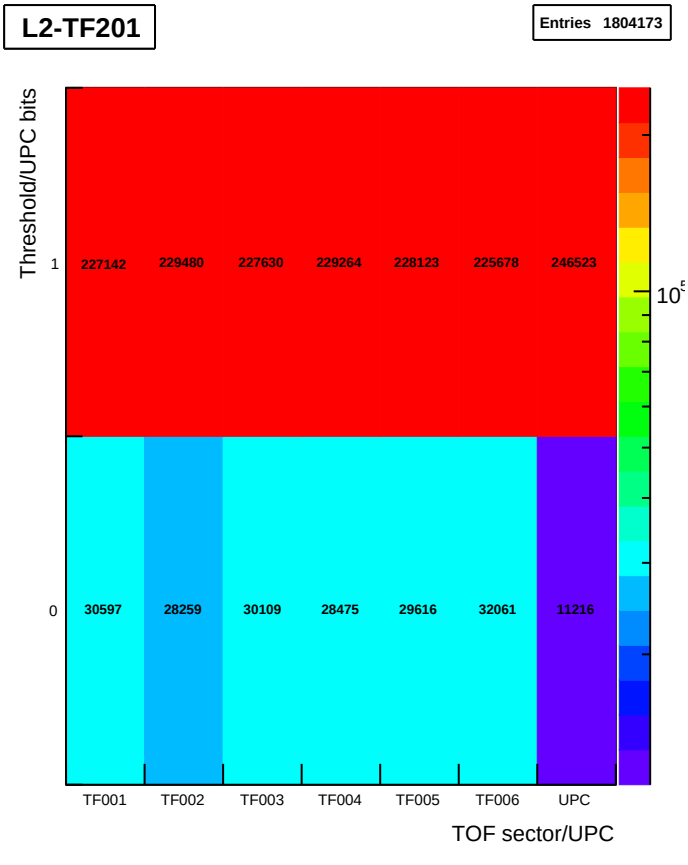

MIX-TF101
Entries 78685
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

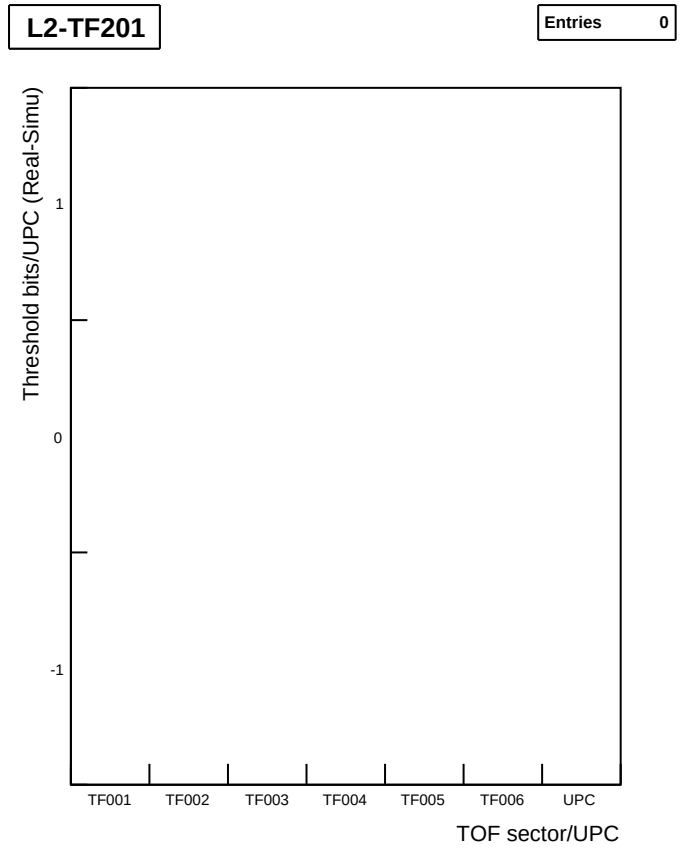

MIX-TF101
Entries 1546434
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

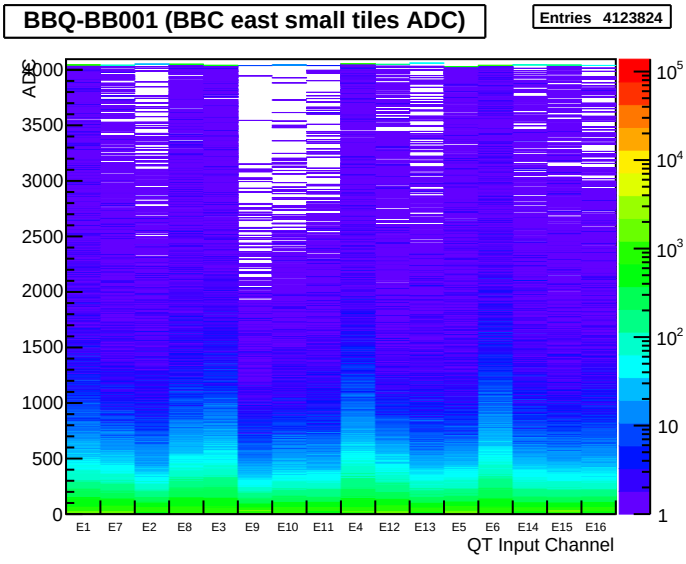

MIX-TF101
Entries 158986
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

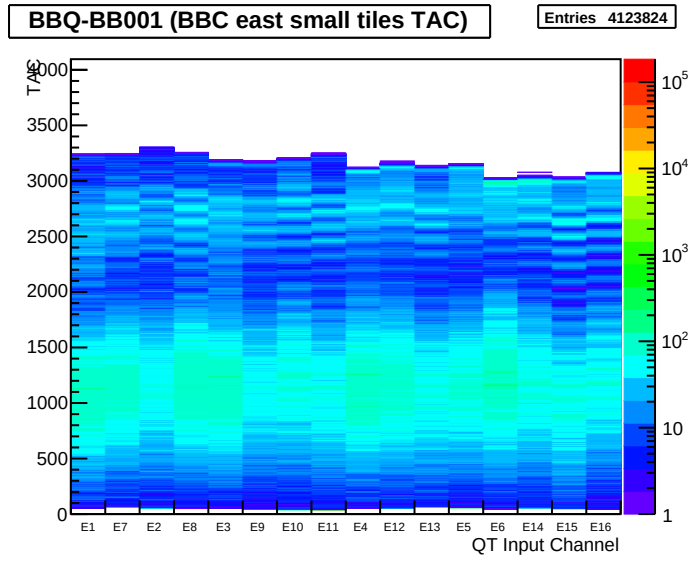

L2-TF201
Entries 257739
TOF total mult

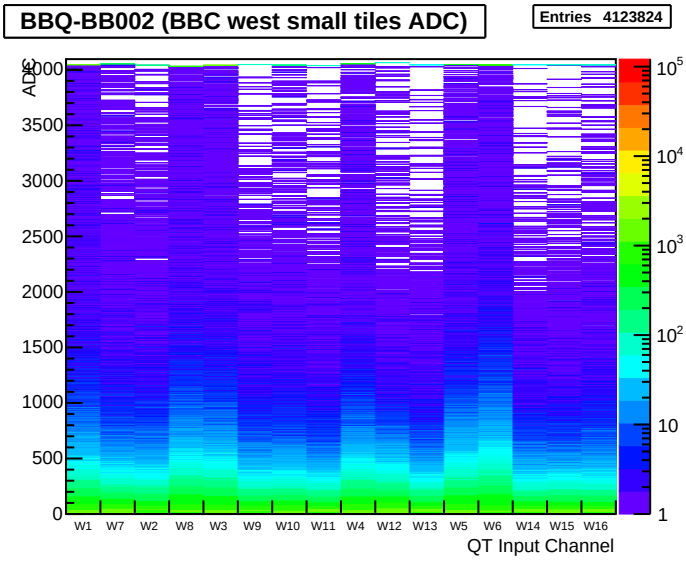

L2-TF201
Entries 0
TOF total mult(Real-Simu)

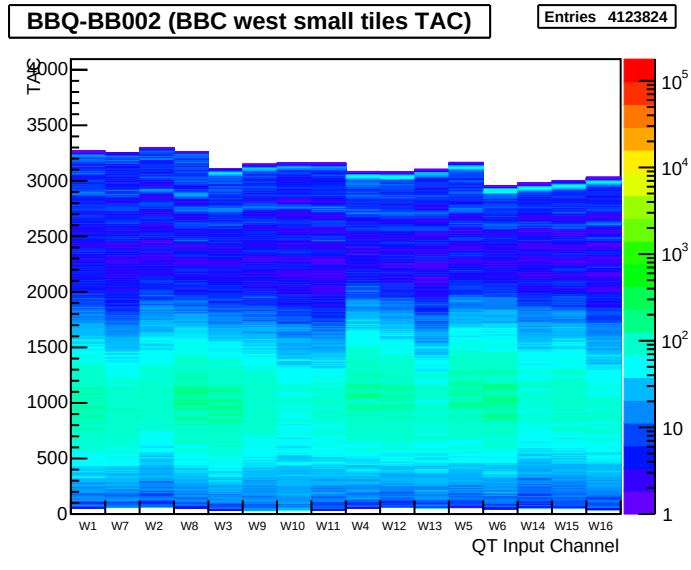

L2-TF201
Entries 1804173
Threshold/UPC bits
227142
229480
227630
229264
228123
225678
246523
30597
28259
30109
28475
29616
32061
11216
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

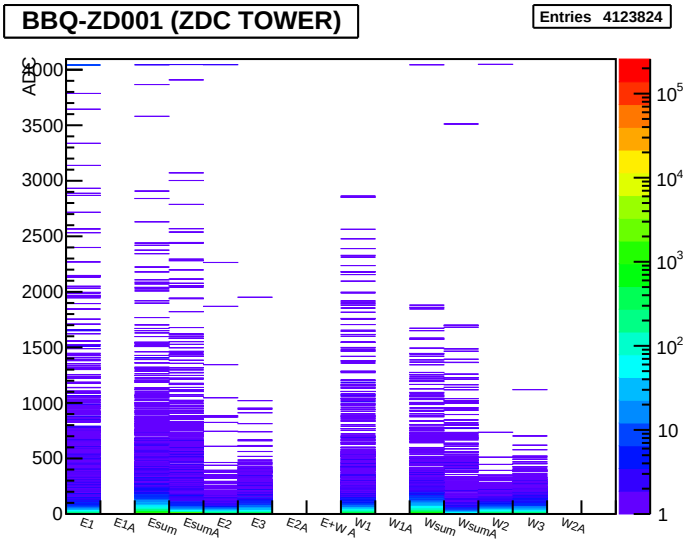

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

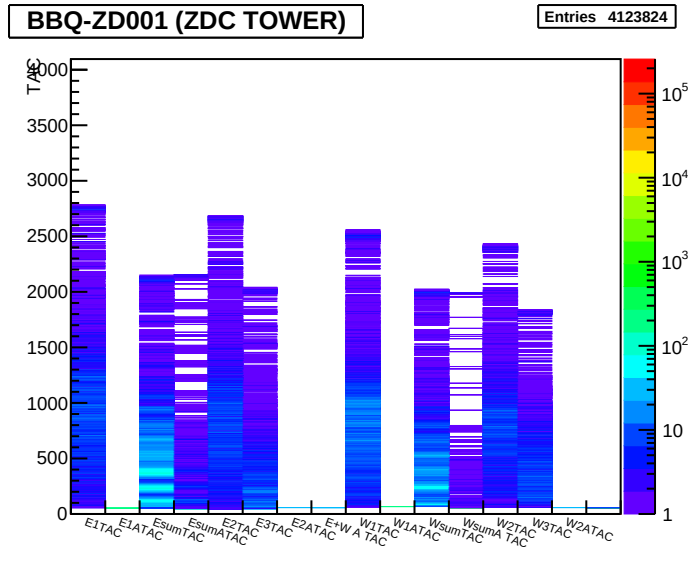

BBQ-BB001 (BBC east small tiles ADC)
Entries 4123824
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

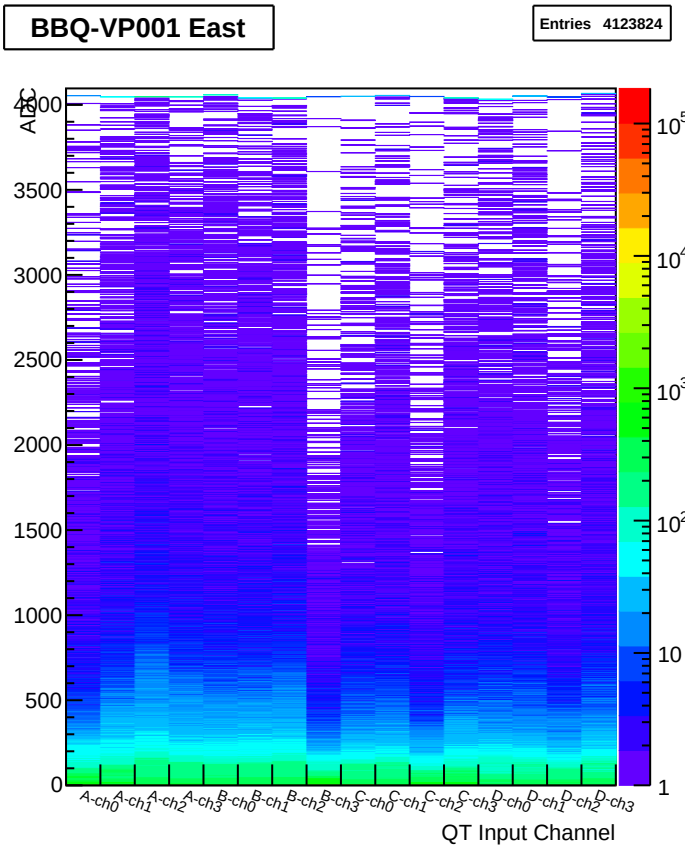

BBQ-BB001 (BBC east small tiles TAC)
Entries 4123824
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

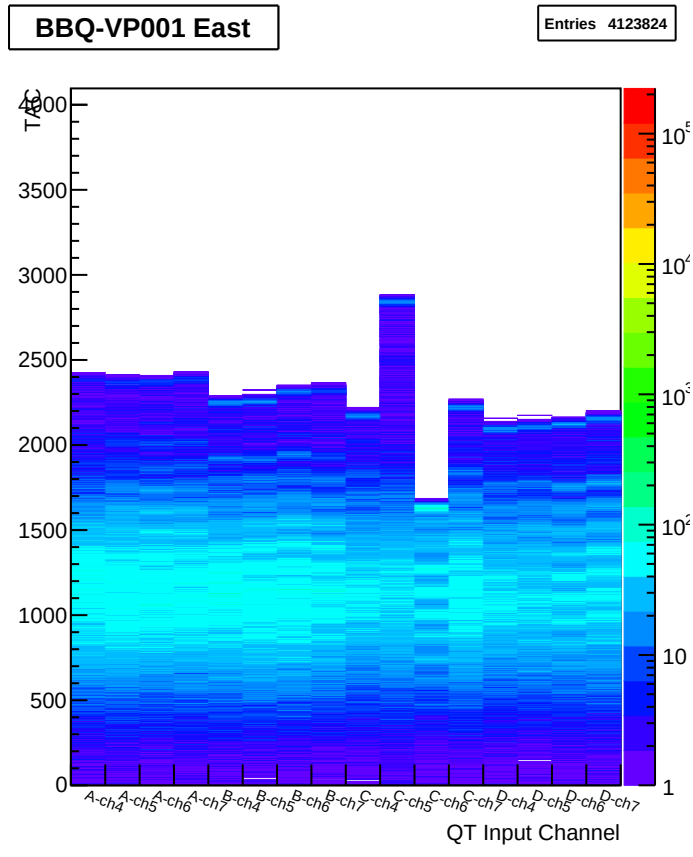

BBQ-BB002 (BBC west small tiles ADC)
Entries 4123824
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

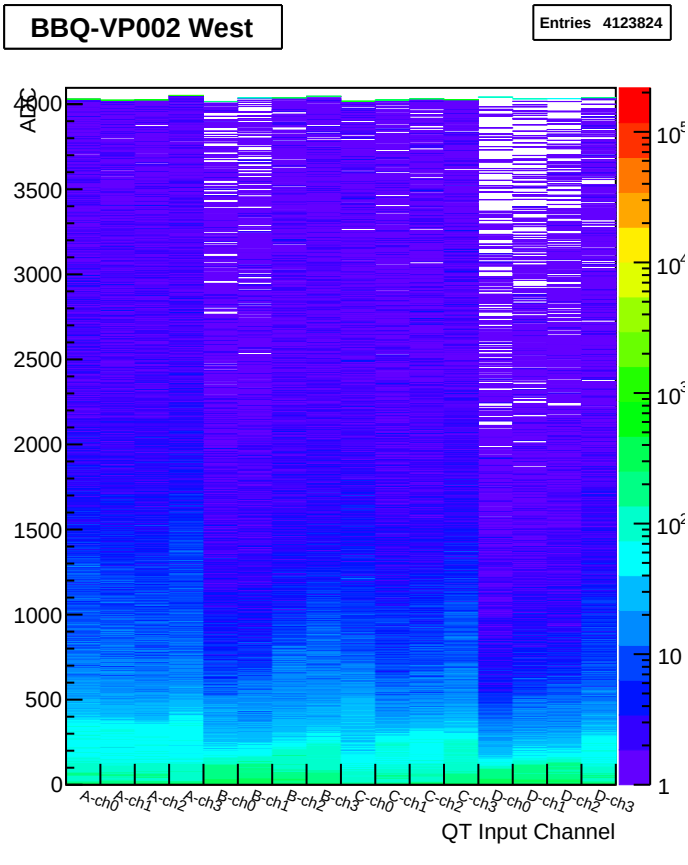

BBQ-BB002 (BBC west small tiles TAC)
Entries 4123824
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

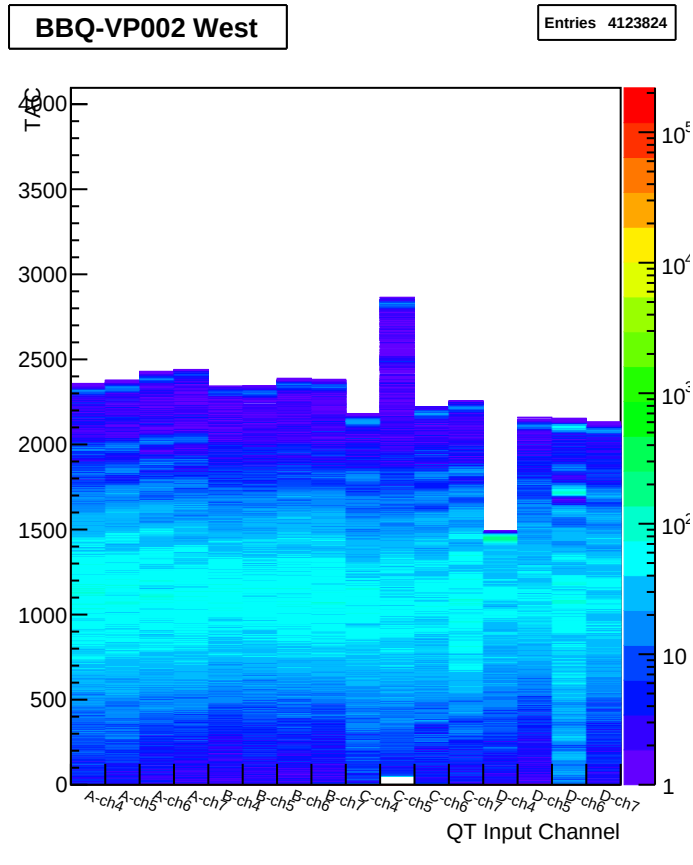

BBQ-ZD001 (ZDC TOWER)
Entries 4123824
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

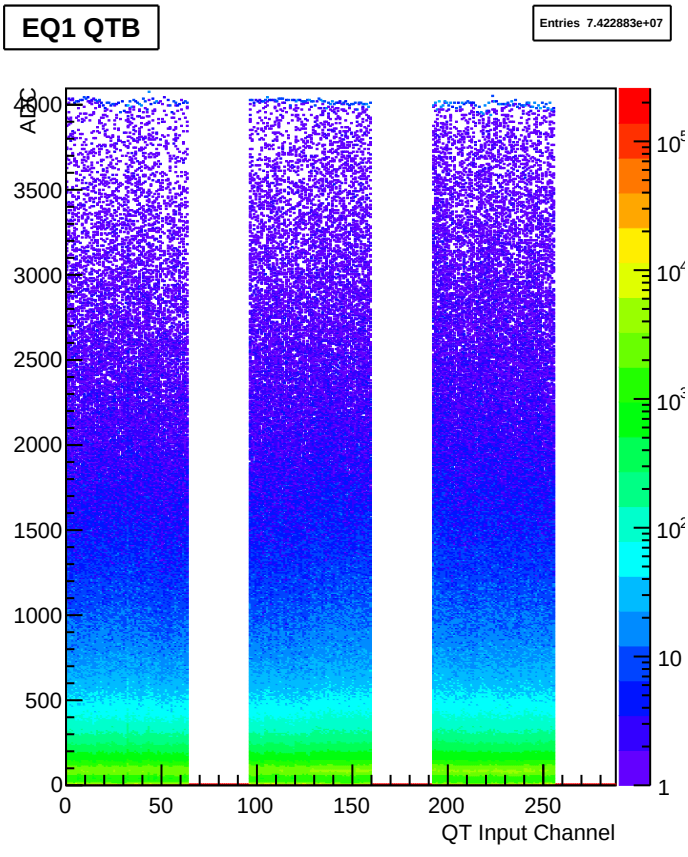

BBQ-ZD001 (ZDC TOWER)
Entries 4123824
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

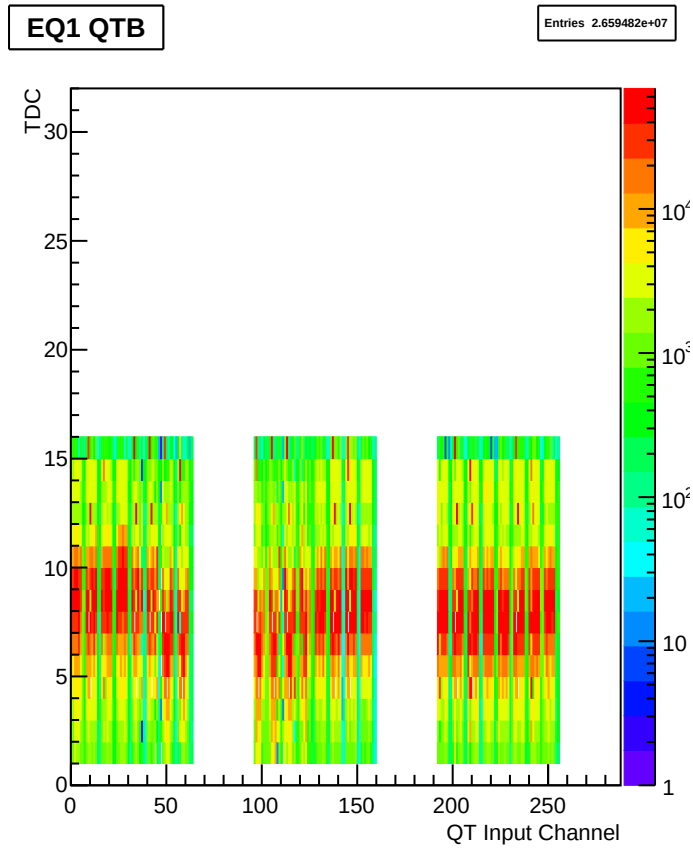

BBQ-VP001 East
Entries 4123824
ADC
QT Input Channel

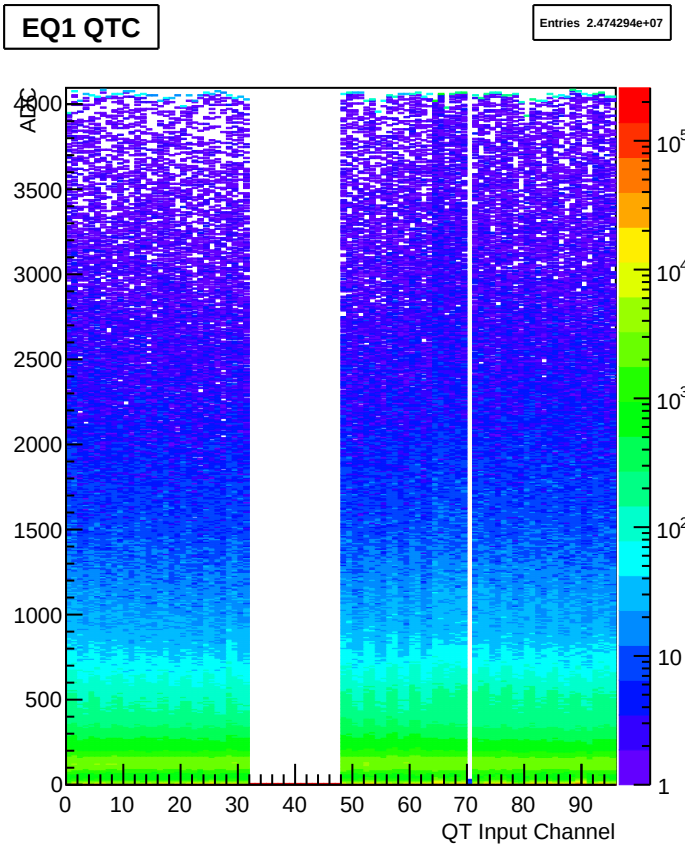

BBQ-VP001 East
Entries 4123824
TADC
QT Input Channel

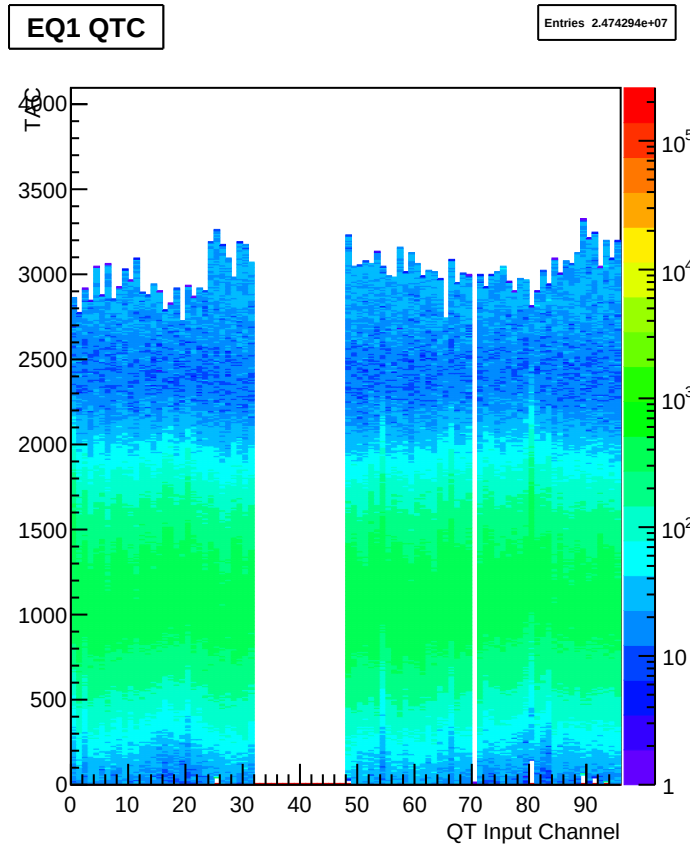

BBQ-VP002 West
Entries 4123824
ADC
QT Input Channel

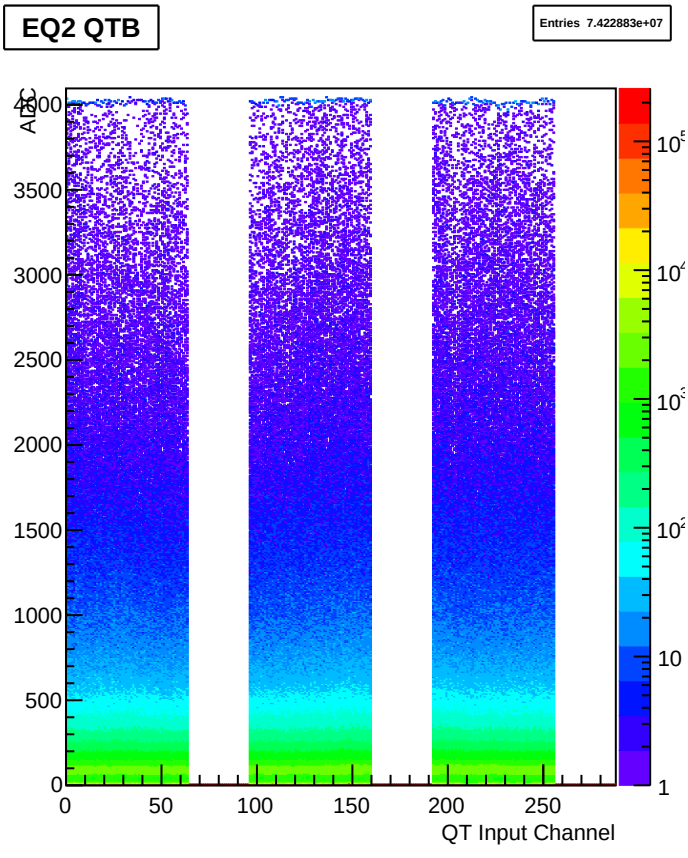

BBQ-VP002 West
Entries 4123824
TADC
QT Input Channel

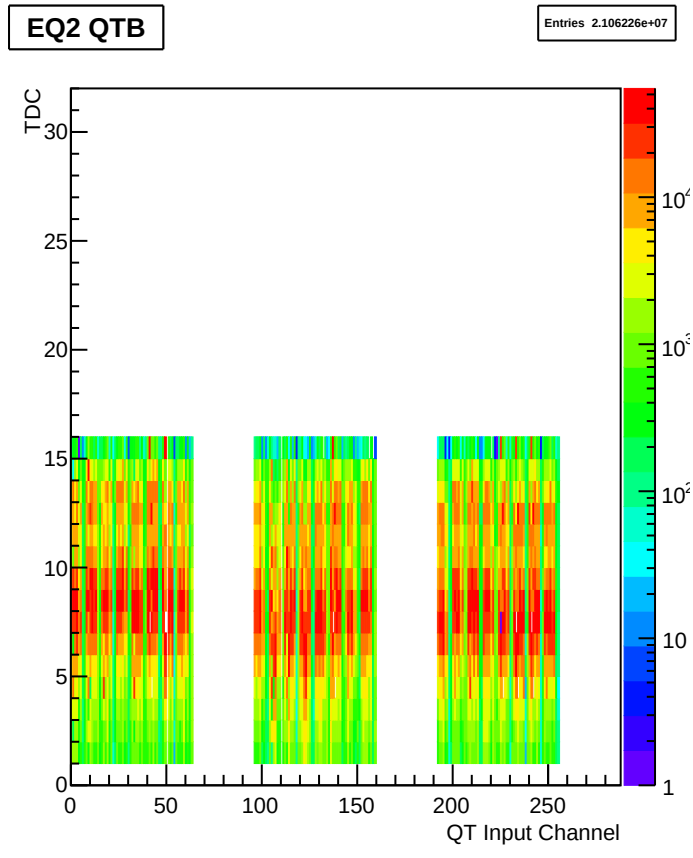

EQ1 QTB
Entries 7.422883e+07
ADC
QT Input Channel

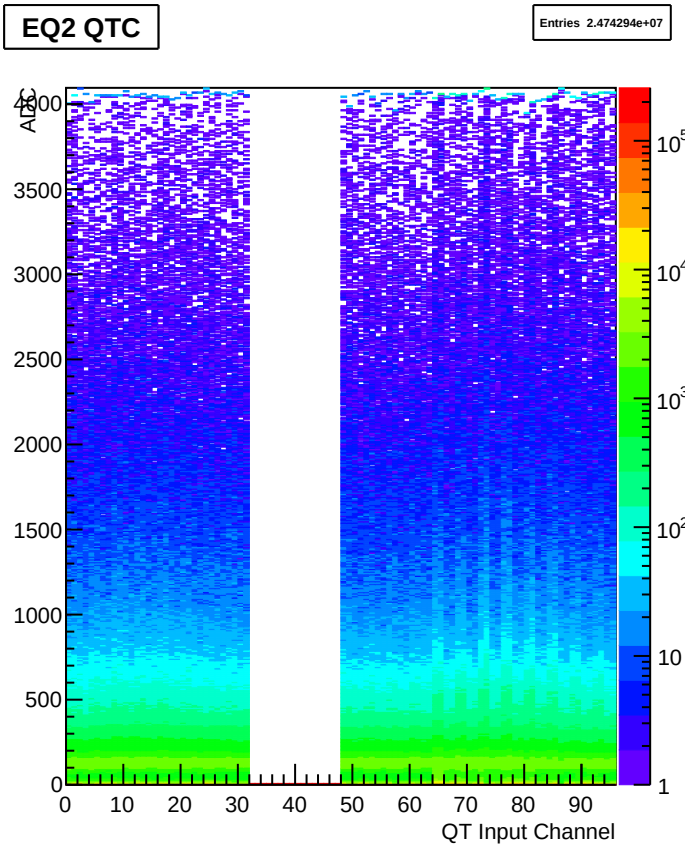

EQ1 QTB
Entries 2.659482e+07
TDC
QT Input Channel

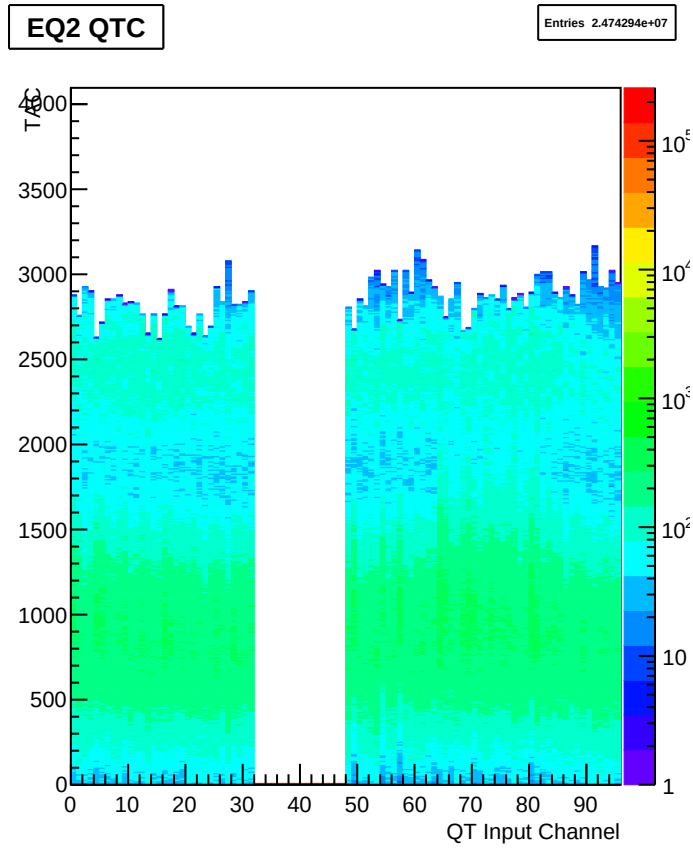

EQ1 QTC
Entries 2.474294e+07
ADC
QT Input Channel

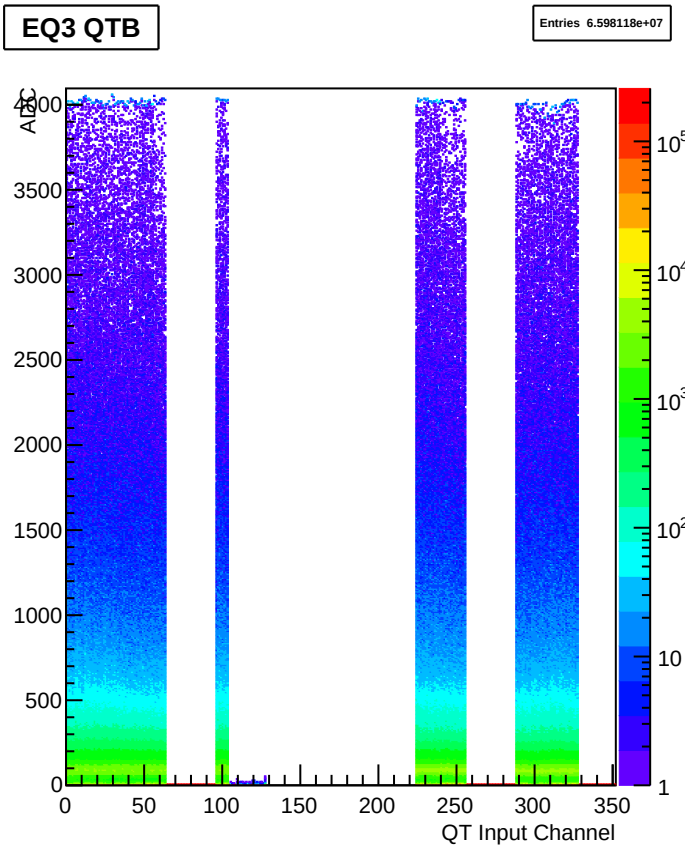

EQ1 QTC
Entries 2.474294e+07
TADC
QT Input Channel

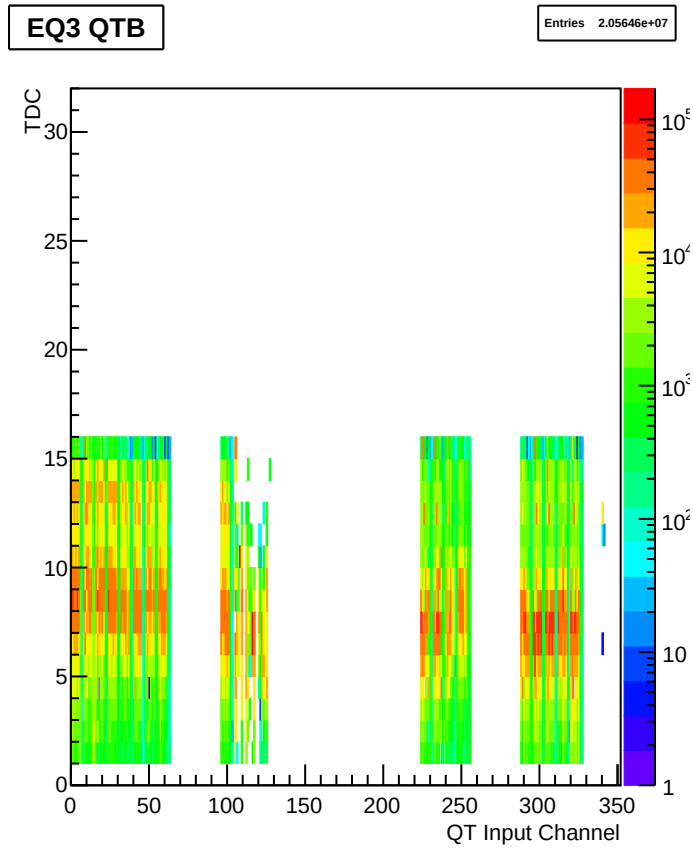

EQ2 QTB
Entries 7.422883e+07
ADC
QT Input Channel

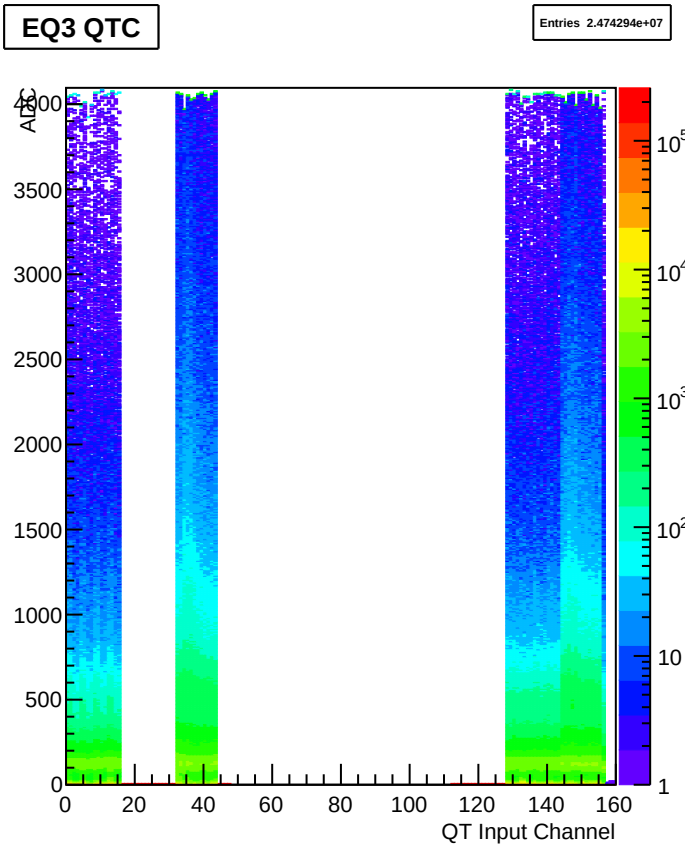

EQ2 QTB
Entries 2.106226e+07
TDC
QT Input Channel

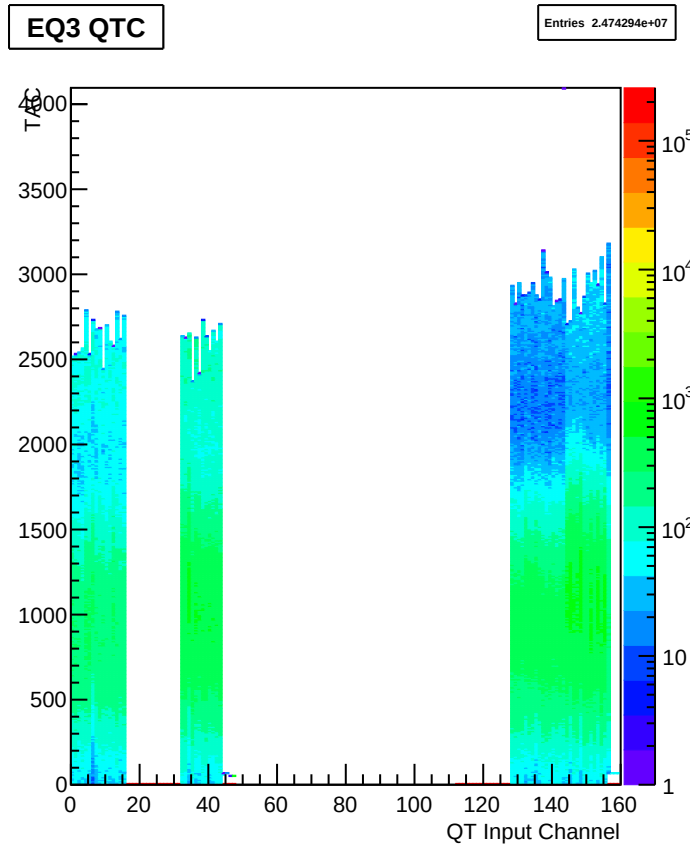

EQ2 QTC
Entries 2.474294e+07
ADC
QT Input Channel

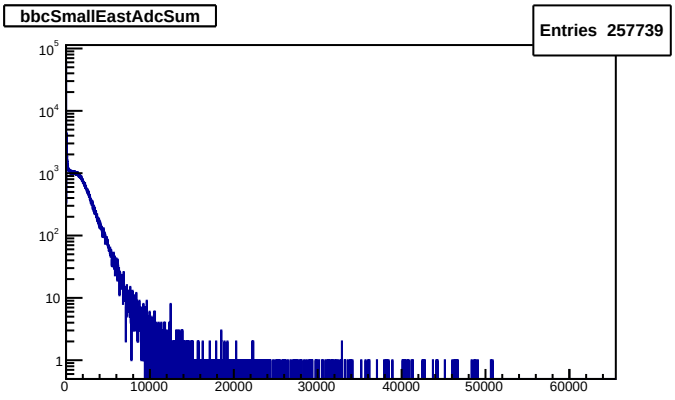

EQ2 QTC
Entries 2.474294e+07
TADC
QT Input Channel

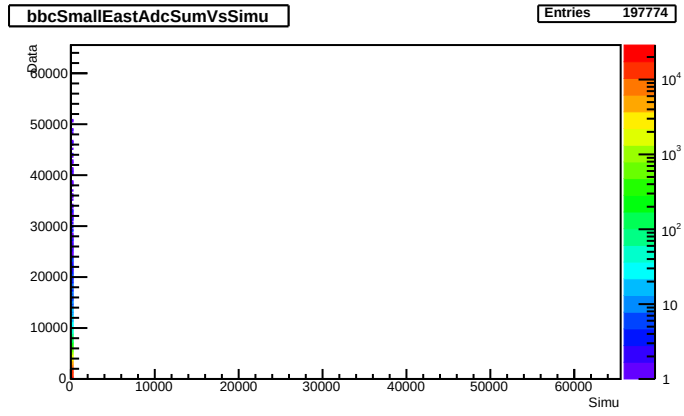

EQ3 QTB
Entries 6.598118e+07
ADC
QT Input Channel

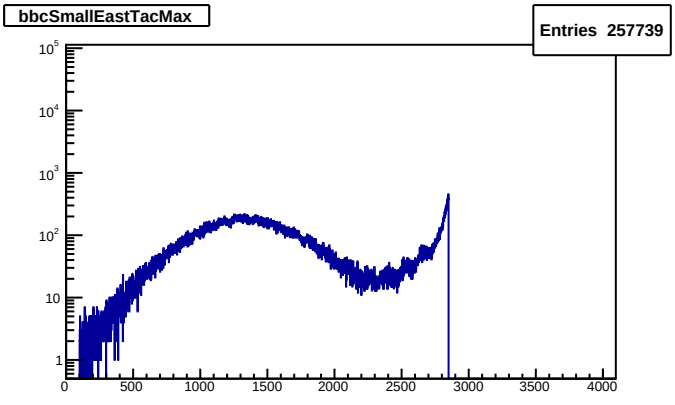

EQ3 QTB
Entries 2.05646e+07
TDC
QT Input Channel

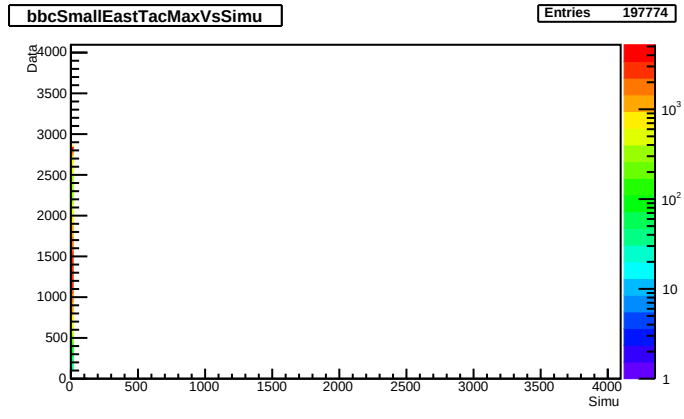

EQ3 QTC
Entries 2.474294e+07
ADC
QT Input Channel

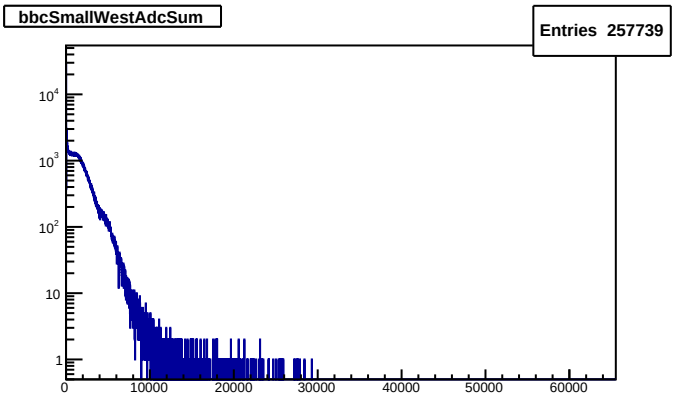

EQ3 QTC
Entries 2.474294e+07
TADC
QT Input Channel

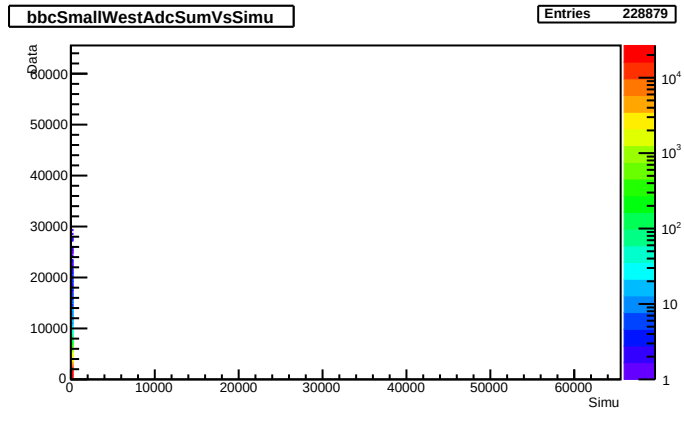

bbcSmallEastAdcSum
Entries 257739

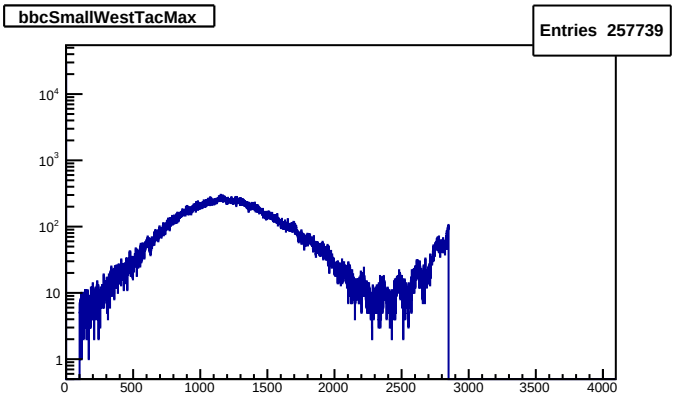

bbcSmallEastAdcSumVsSimu
Entries 197774
Data
Simu

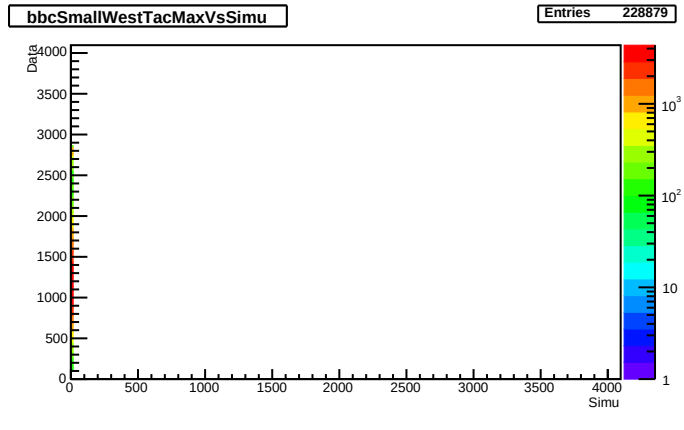

bbcSmallEastTacMax
Entries 257739

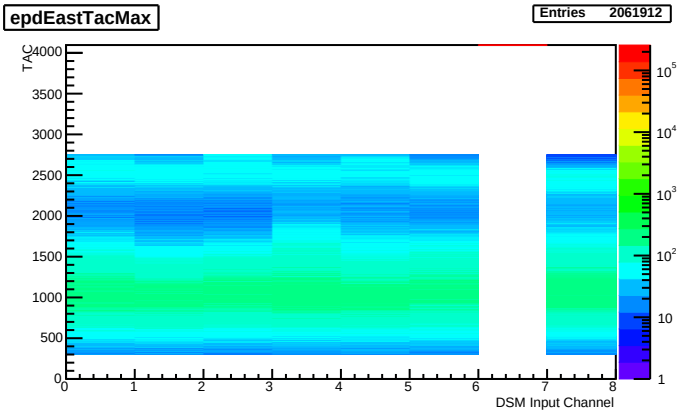

bbcSmallEastTacMaxVsSimu
Entries 197774
Data
Simu

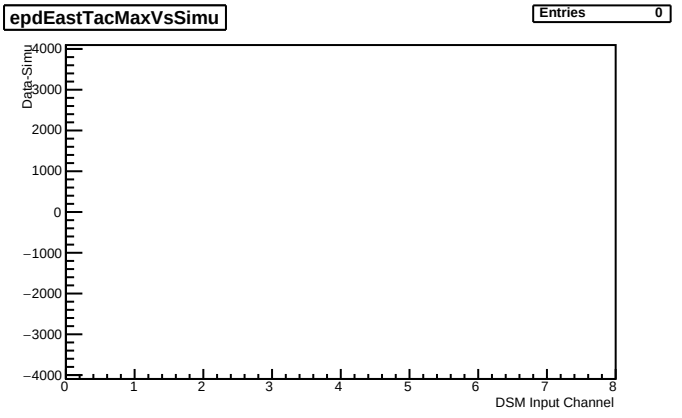

bbcSmallWestAdcSum
Entries 257739

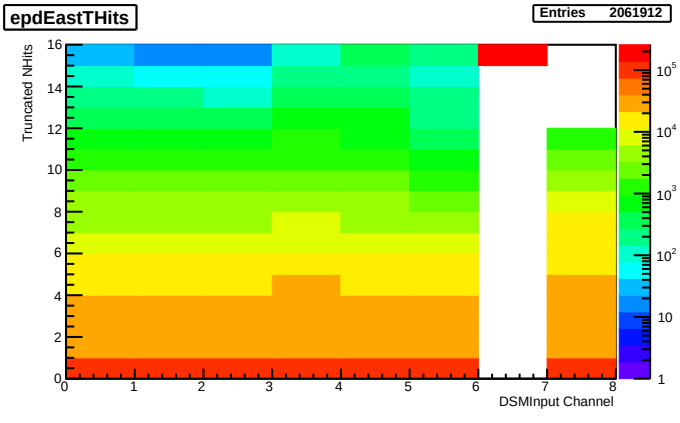

bbcSmallWestAdcSumVsSimu
Entries 228879
Data
Simu

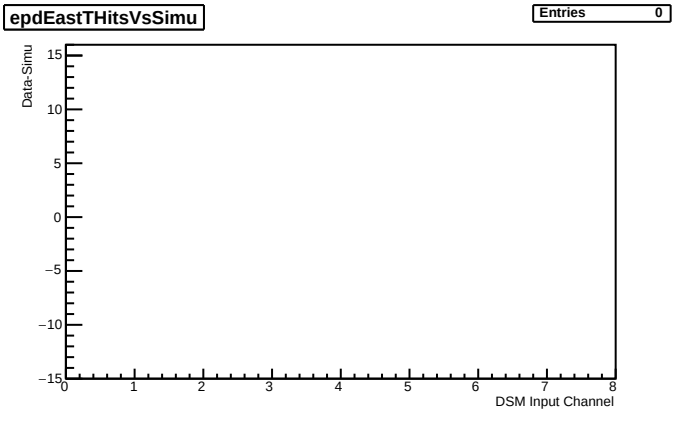

bbcSmallWestTacMax
Entries 257739

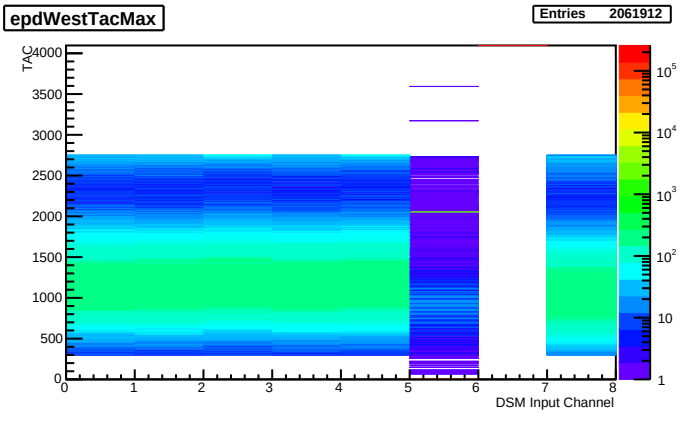

bbcSmallWestTacMaxVsSimu
Entries 228879
Data
Simu

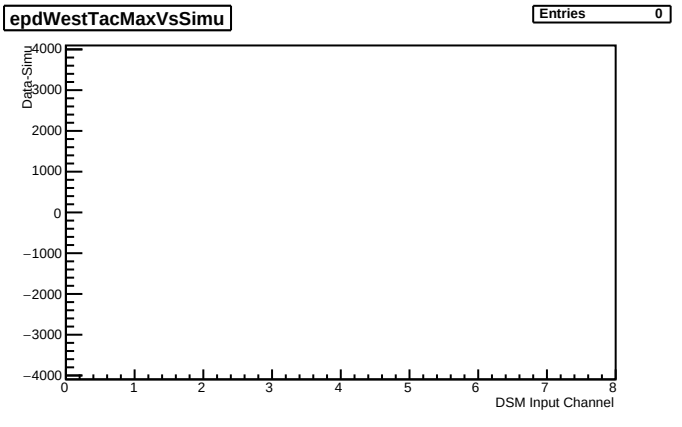

epdEastTacMax
Entries 2061912
TAC
DSM Input Channel

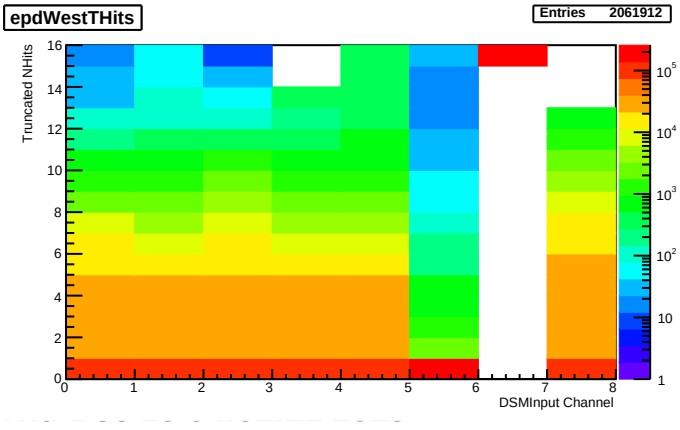

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

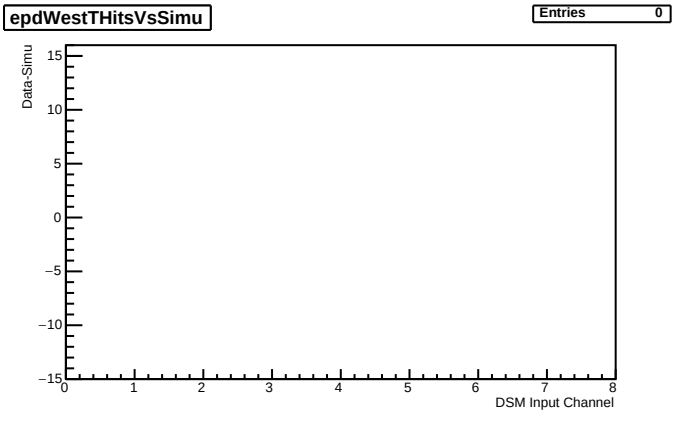

epdEastTHits
Entries 2061912
Truncated NHits
DSMInput Channel

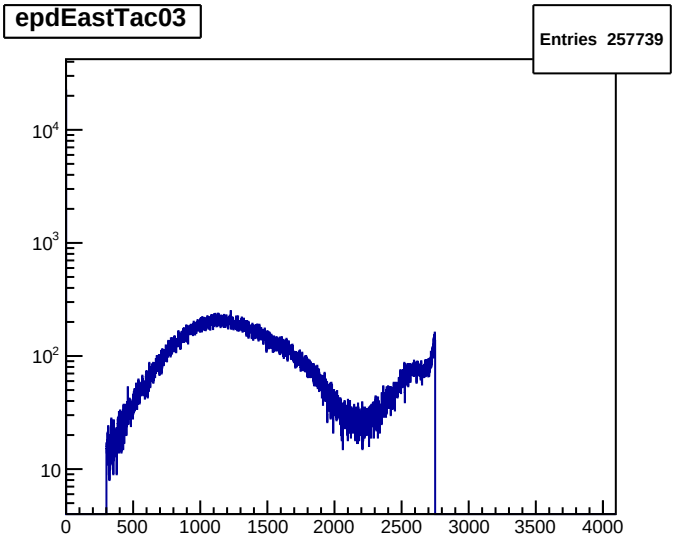

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

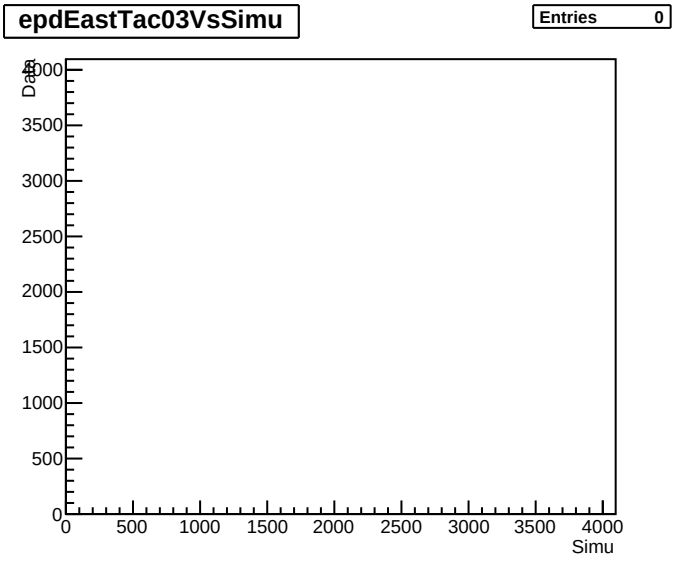

epdWestTacMax
Entries 2061912
TAC
DSM Input Channel

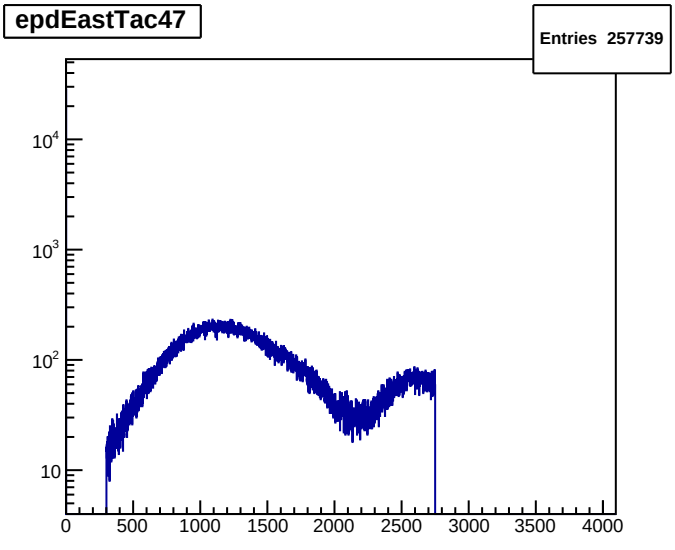

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

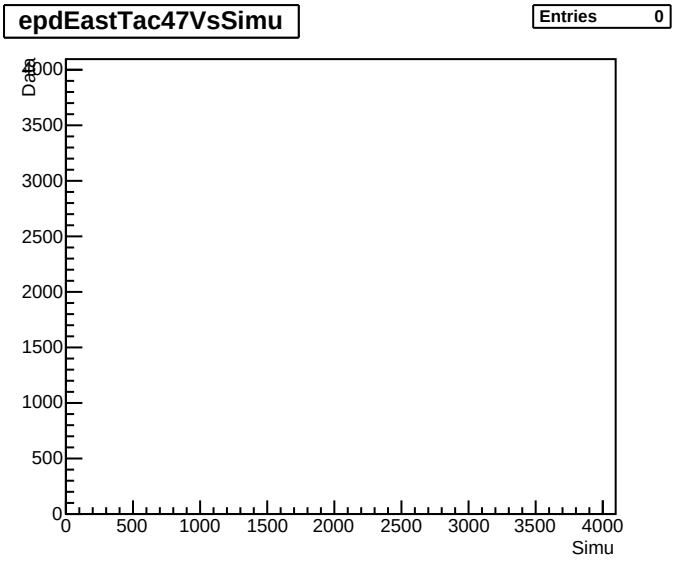

epdWestTHits
Entries 2061912
Truncated NHits
DSMInput Channel

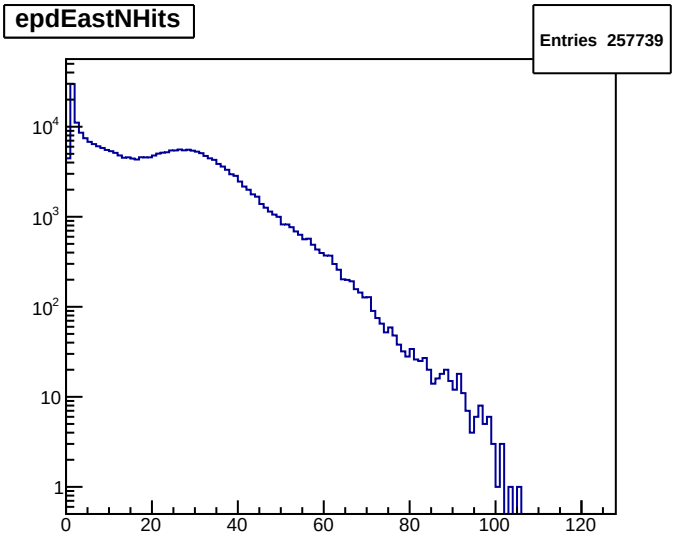

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

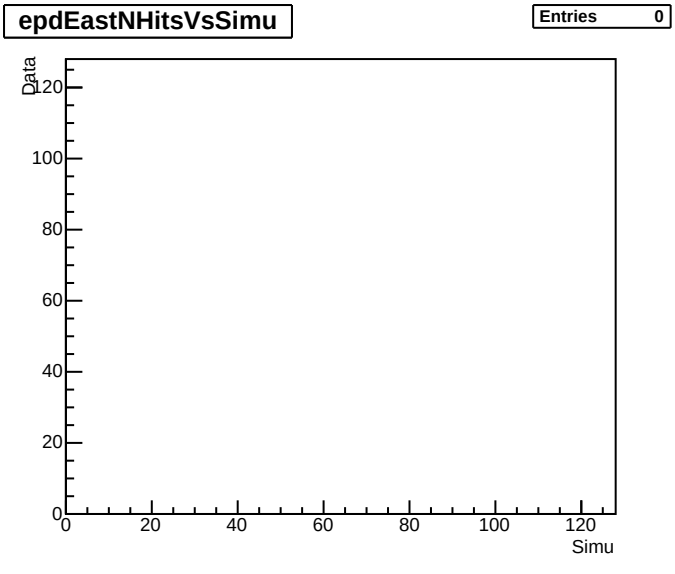

epdEastTac03
Entries 257739

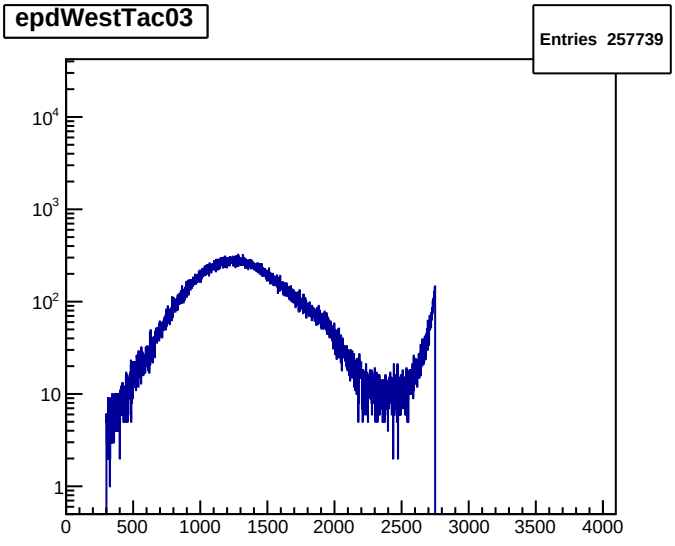

epdEastTac03VsSimu
Entries 0
Data
Simu

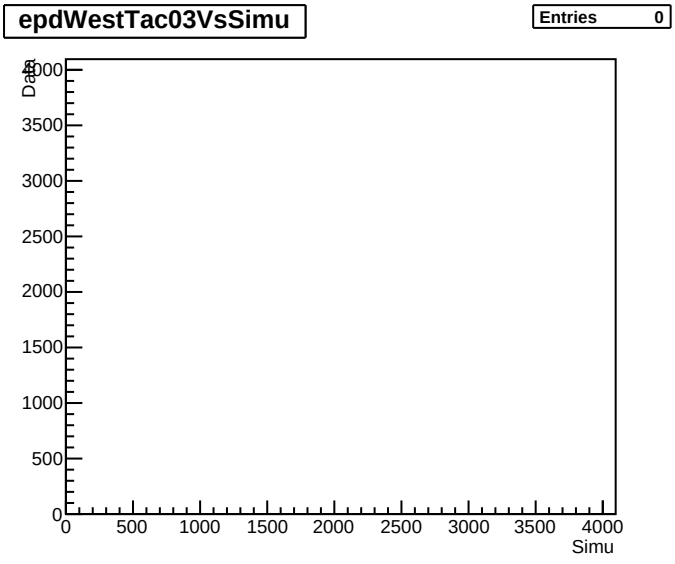

epdEastTac47
Entries 257739

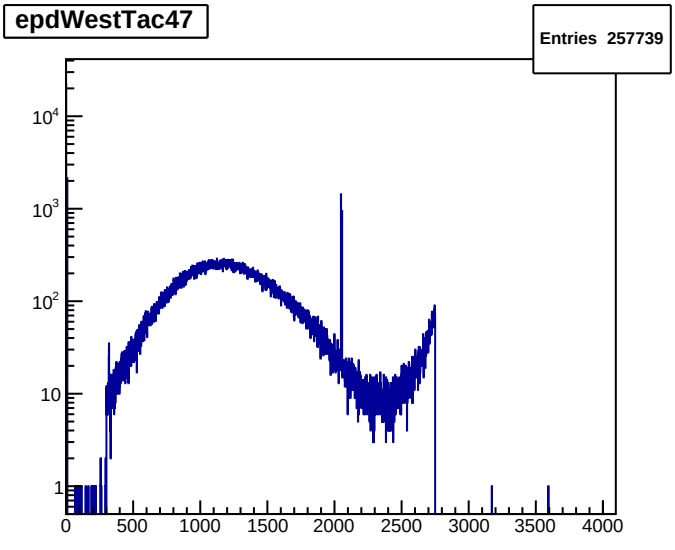

epdEastTac47VsSimu
Entries 0
Data
Simu

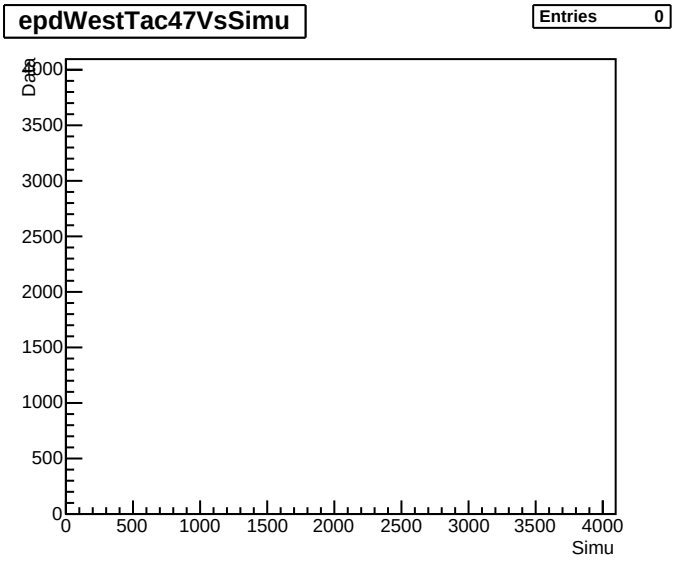

epdEastNHits
Entries 257739

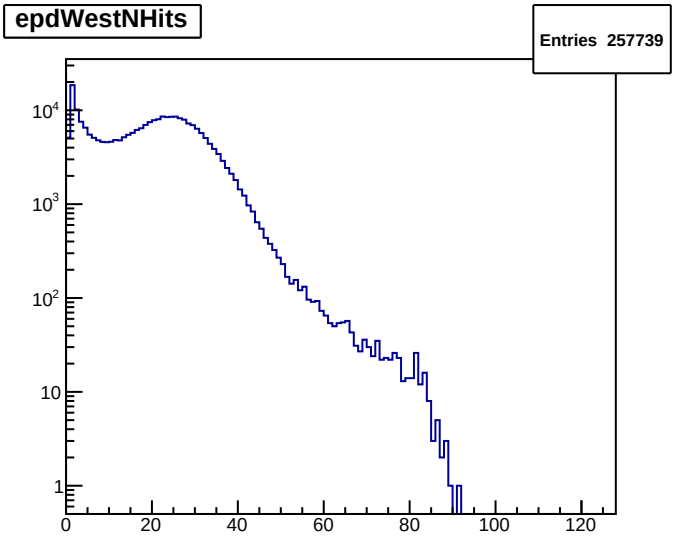

epdEastNHitsVsSimu
Entries 0
Data
Simu

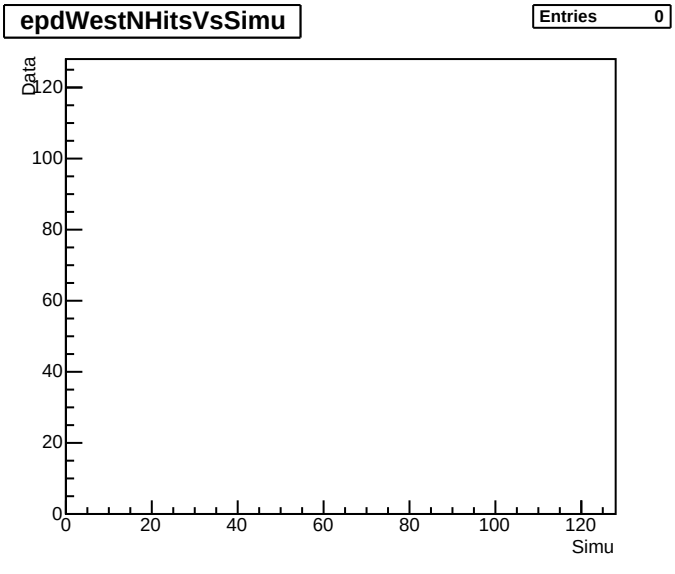

epdWestTac03
Entries 257739

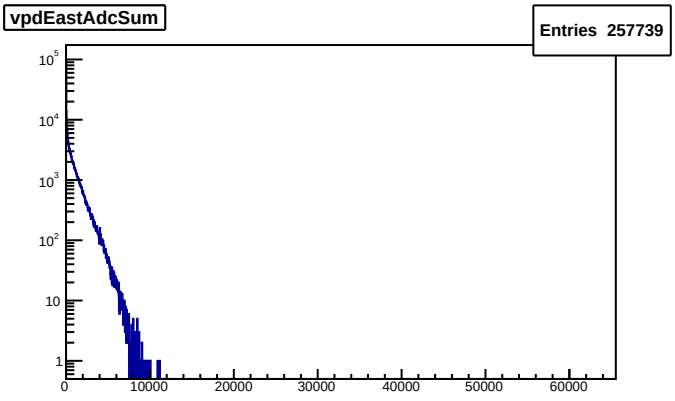

epdWestTac03VsSimu
Entries 0
Data
Simu

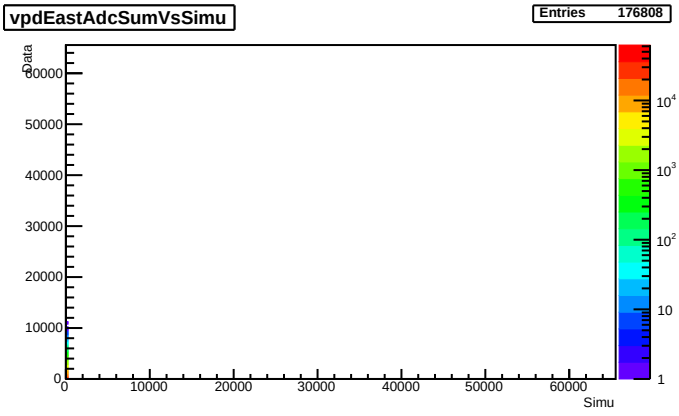

epdWestTac47
Entries 257739

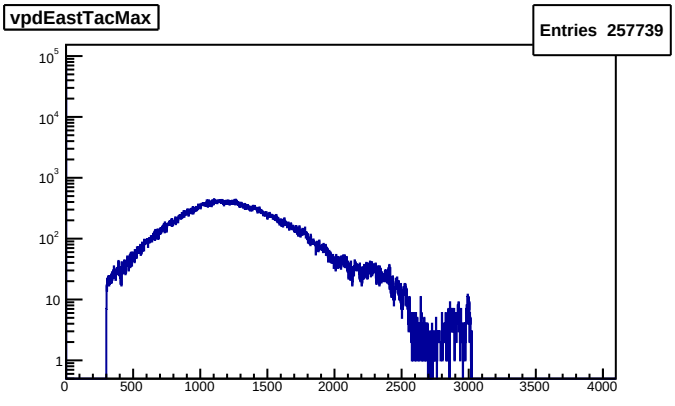

epdWestTac47VsSimu
Entries 0
Data
Simu

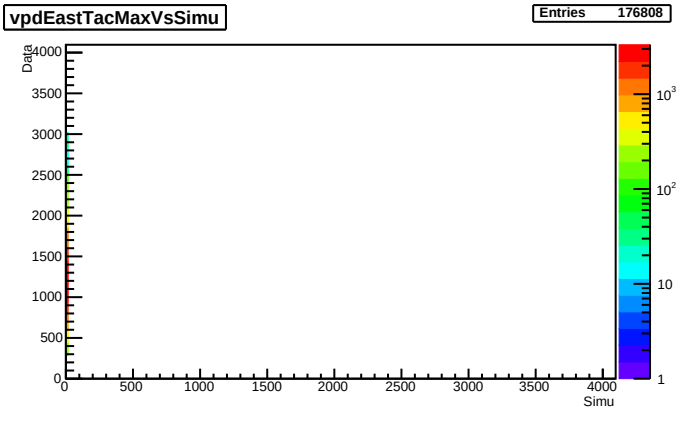

epdWestNHits
Entries 257739

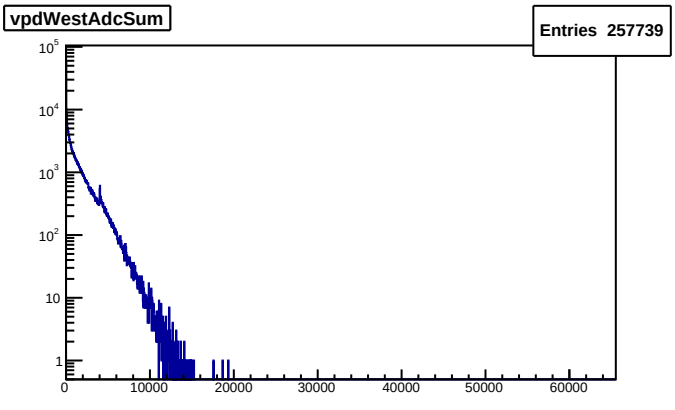

epdWestNHitsVsSimu
Entries 0
Data
Simu

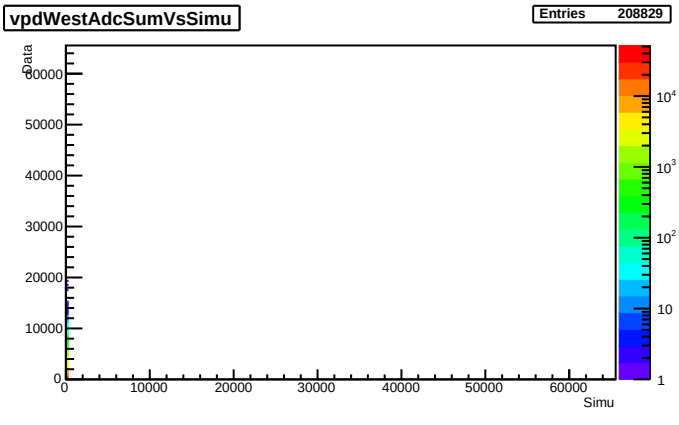

vpdEastAdcSum
Entries 257739

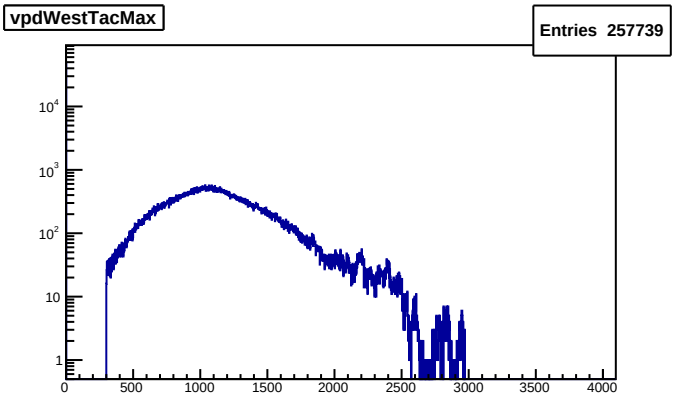

vpdEastAdcSumVsSimu
Entries 176808
Data
Simu

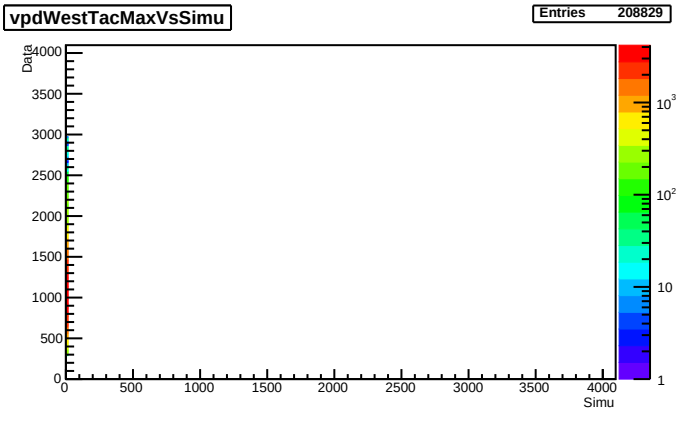

vpdEastTacMax
Entries 257739

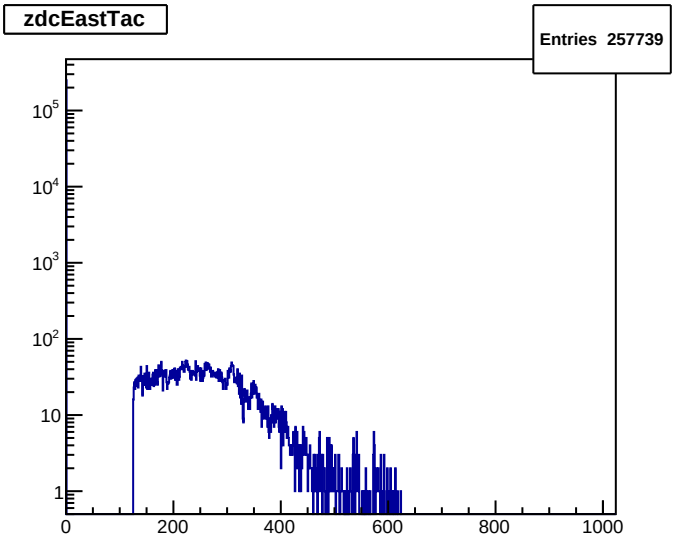

vpdEastTacMaxVsSimu
Entries 176808
Data
Simu

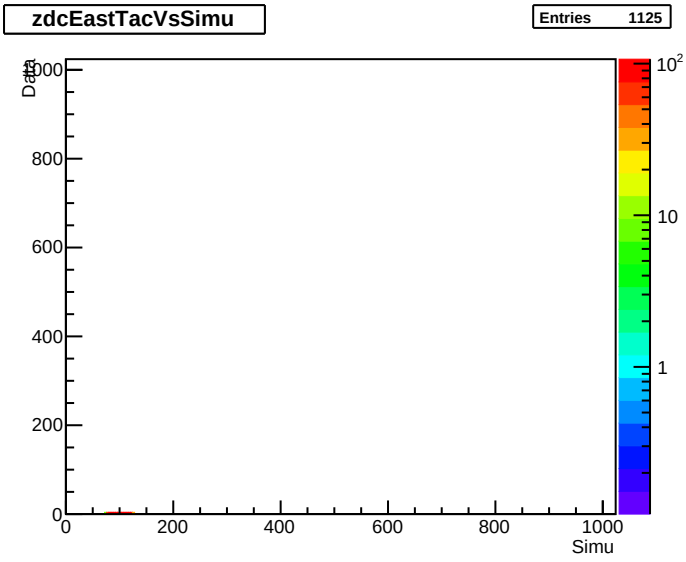

vpdWestAdcSum
Entries 257739

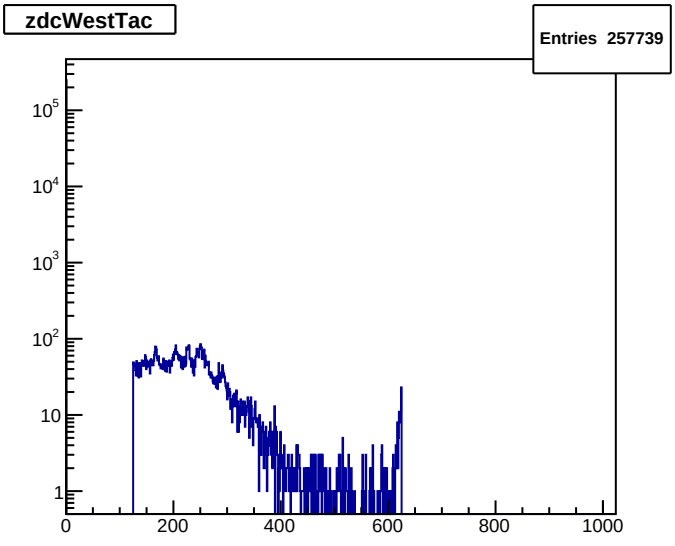

vpdWestAdcSumVsSimu
Entries 208829
Data
Simu

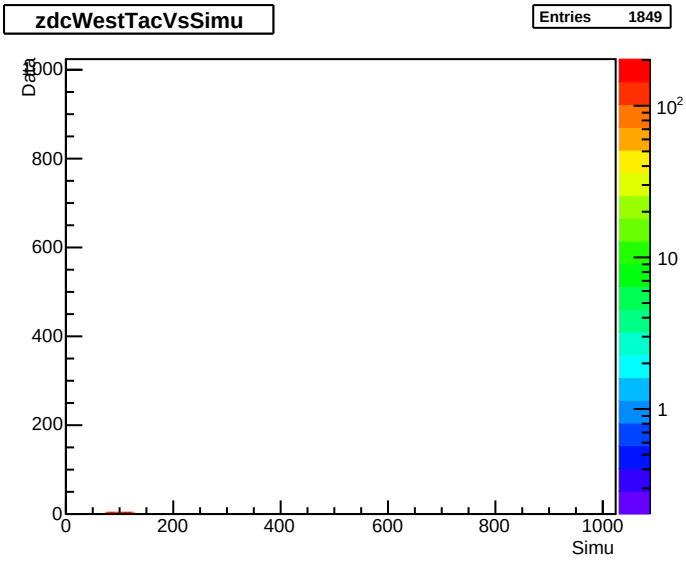

vpdWestTacMax
Entries 257739

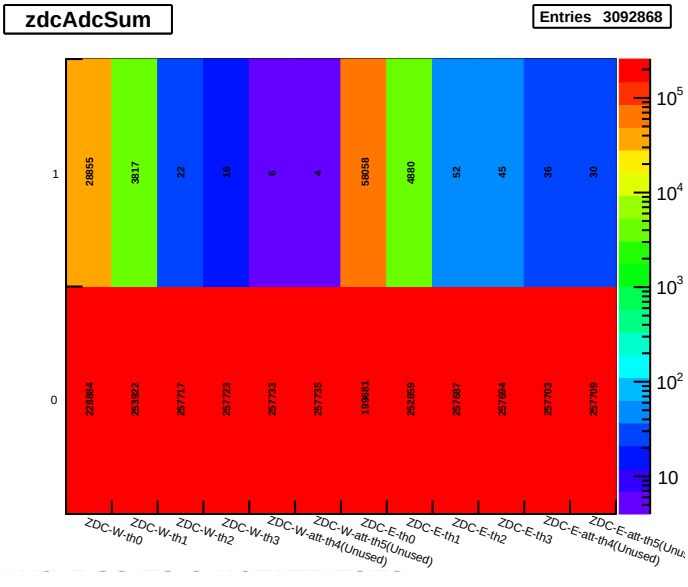

vpdWestTacMaxVsSimu
Entries 208829
Data
Simu

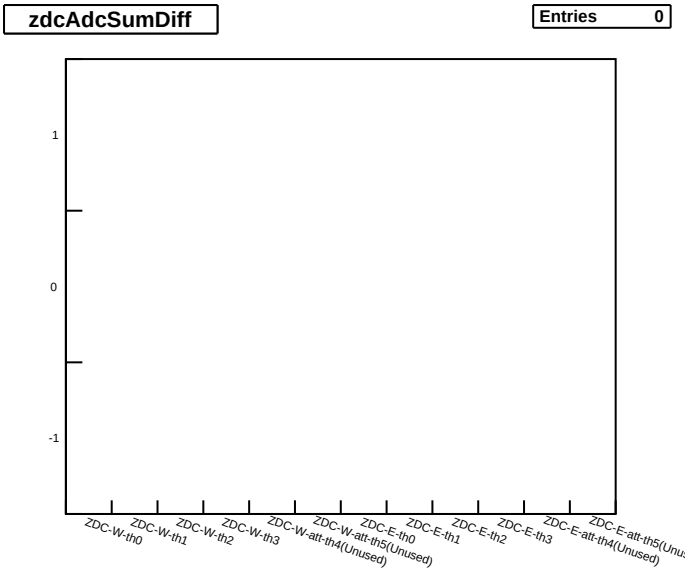

zdcEastTac
Entries 257739

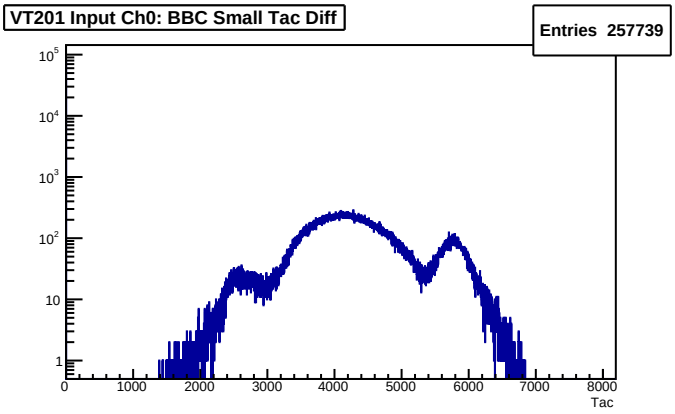

zdcEastTacVsSimu
Entries 1125
Data
Simu

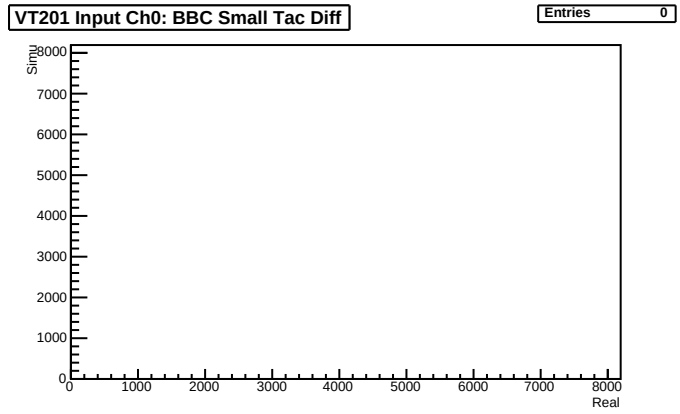

zdcWestTac
Entries 257739

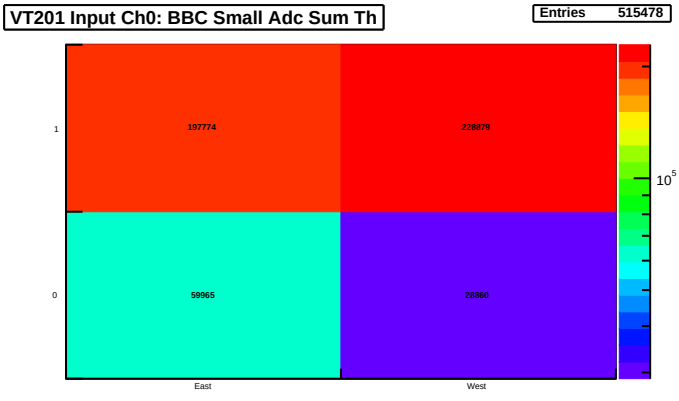

zdcWestTacVsSimu
Entries 1849
Data
Simu

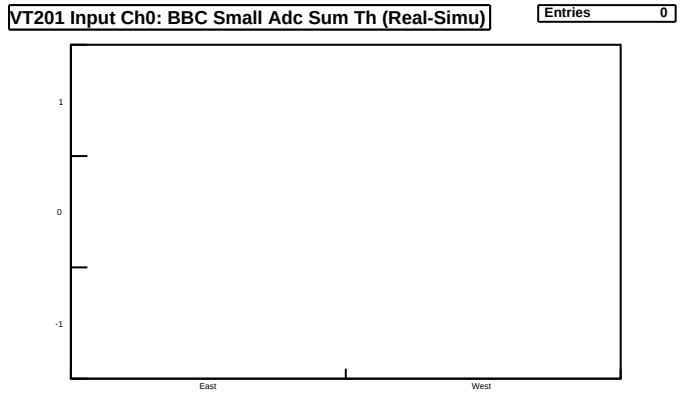

zdcAdcSum
Entries 3092868
28855
3817
22
16
6
4
58058
4880
52
45
36
30
228884
253922
257717
257723
257733
257735
199681
252889
257687
257694
257703
257709
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

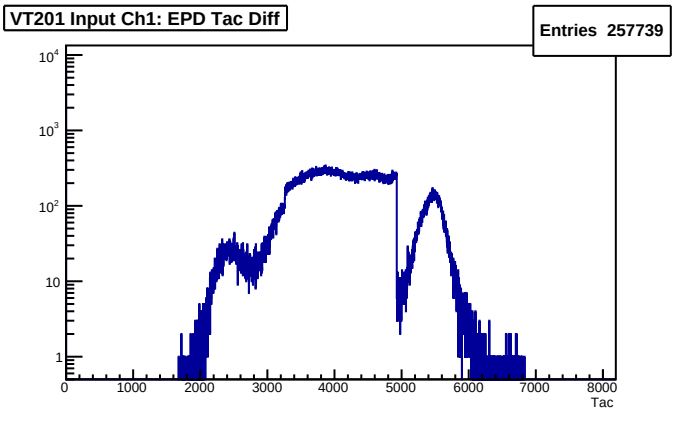

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

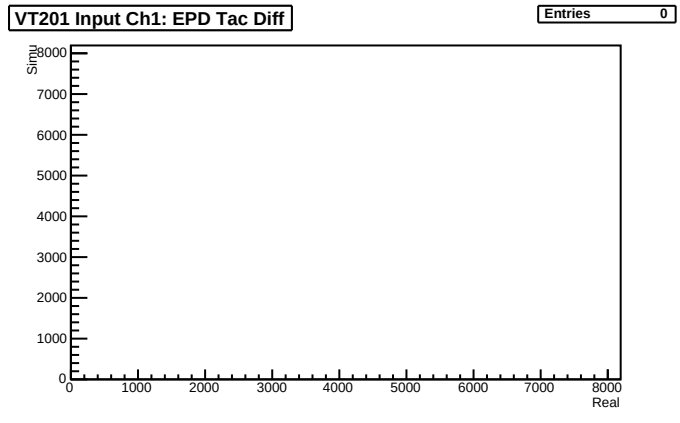

VT201 Input Ch0: BBC Small Tac Diff
Entries 257739
Tac

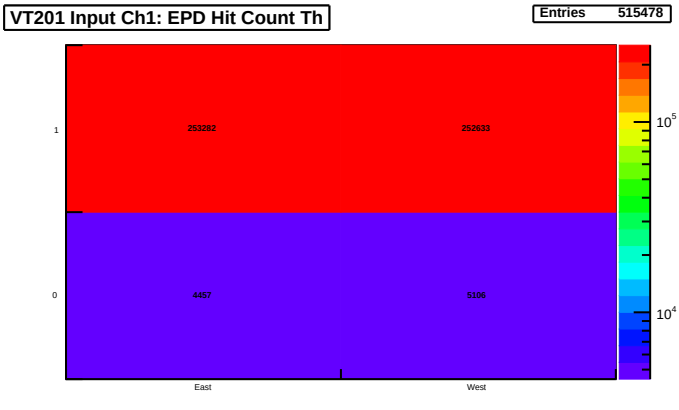

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

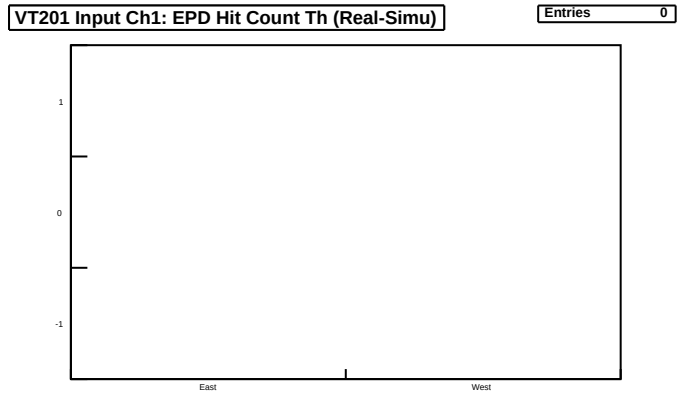

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 515478
197774
228879
59965
28860
East
West

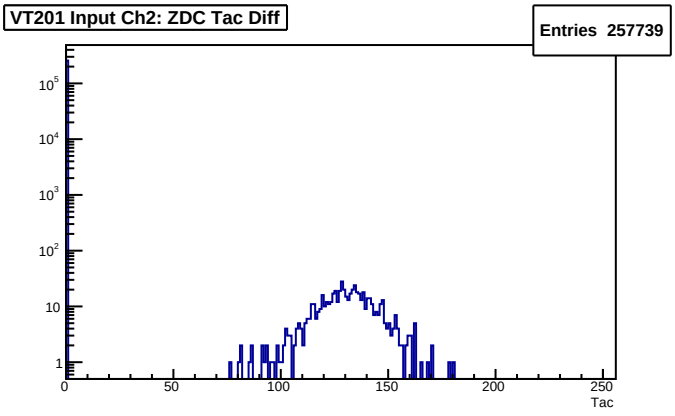

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

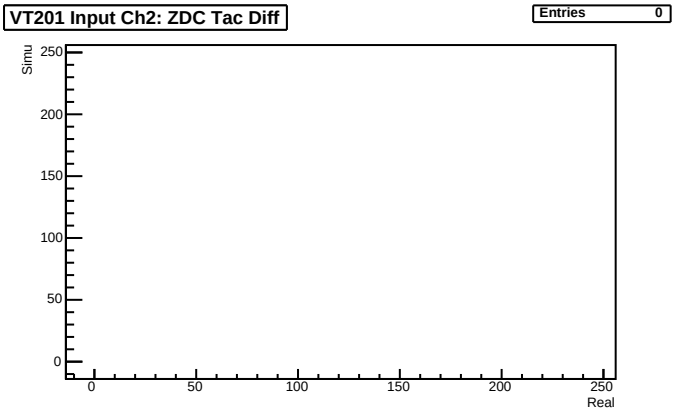

VT201 Input Ch1: EPD Tac Diff
Entries 257739
Tac

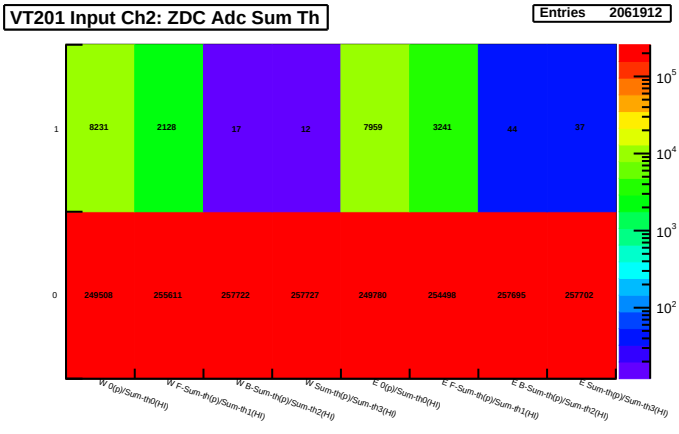

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

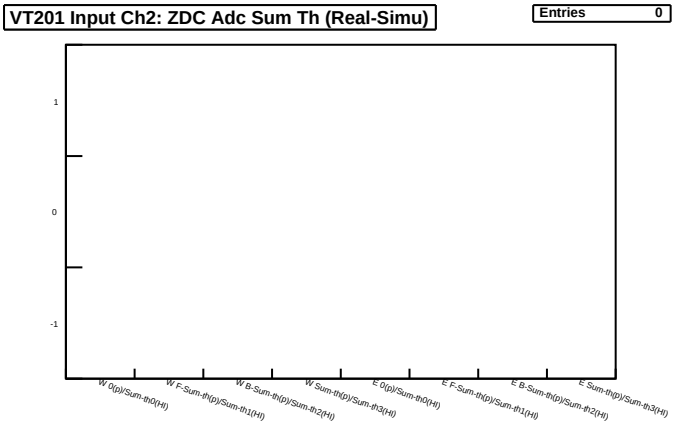

VT201 Input Ch1: EPD Hit Count Th
Entries 515478
253282
252633
4457
5106
East
West

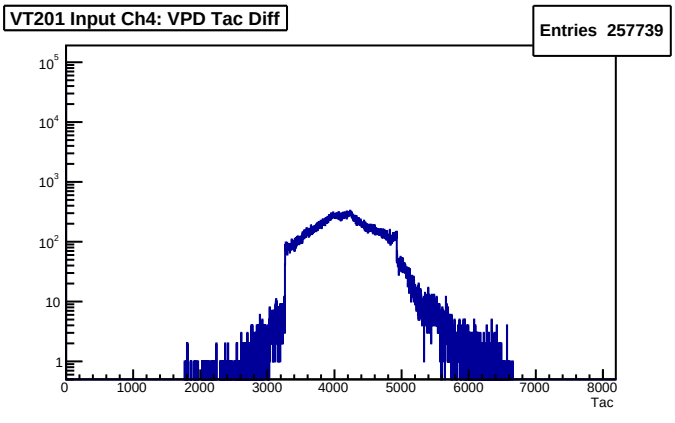

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

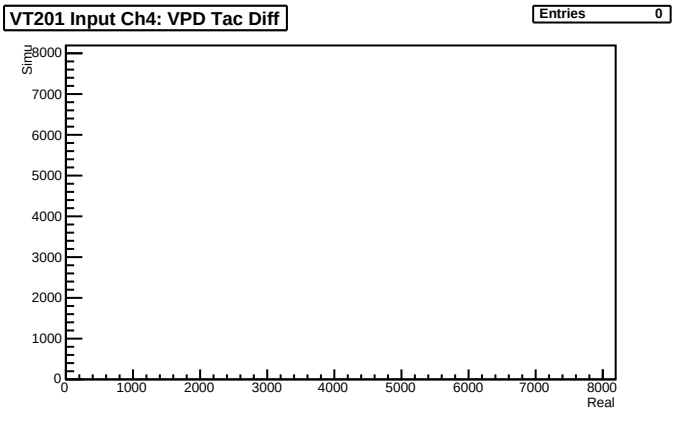

VT201 Input Ch2: ZDC Tac Diff
Entries 257739
Tac

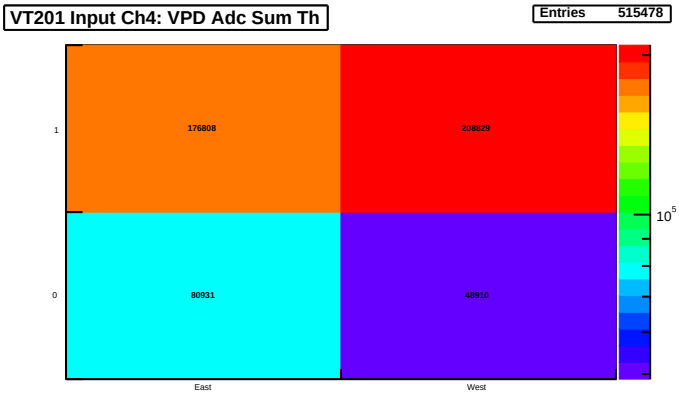

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

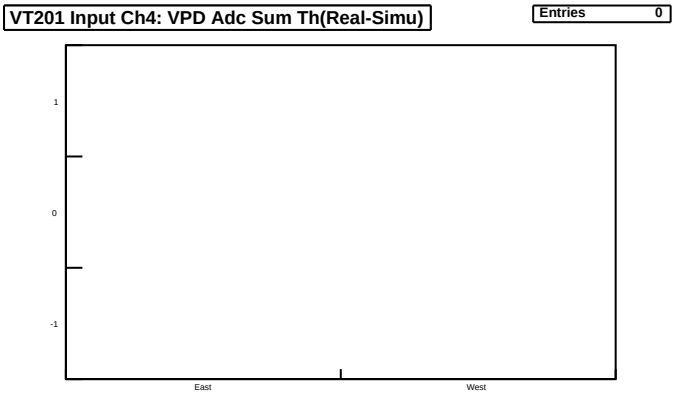

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2061912
8231
2128
17
12
7959
3241
44
37
249508
255611
257722
257727
249780
254498
257695
257702
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

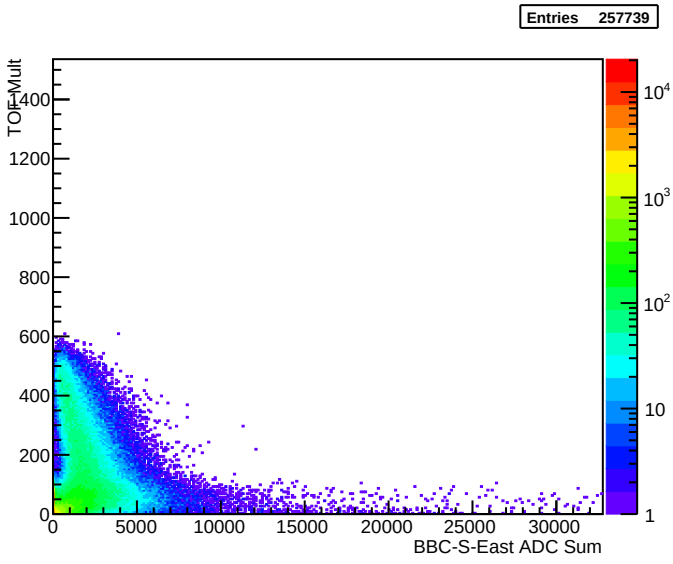

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

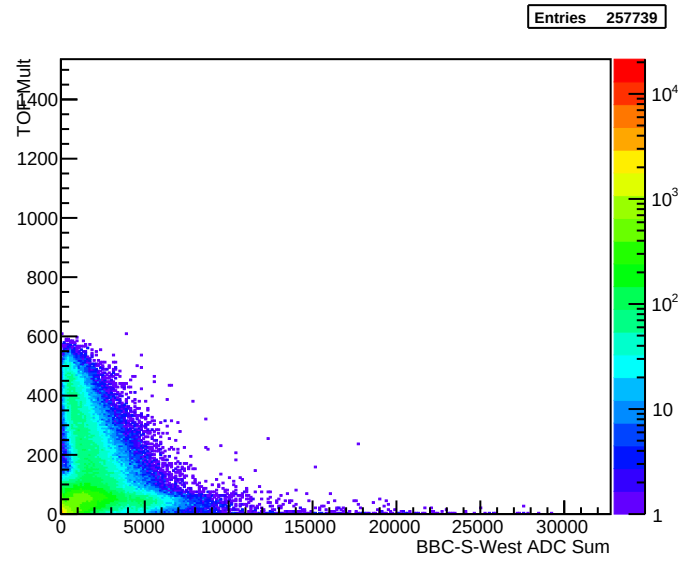

VT201 Input Ch4: VPD Tac Diff
Entries 257739
Tac

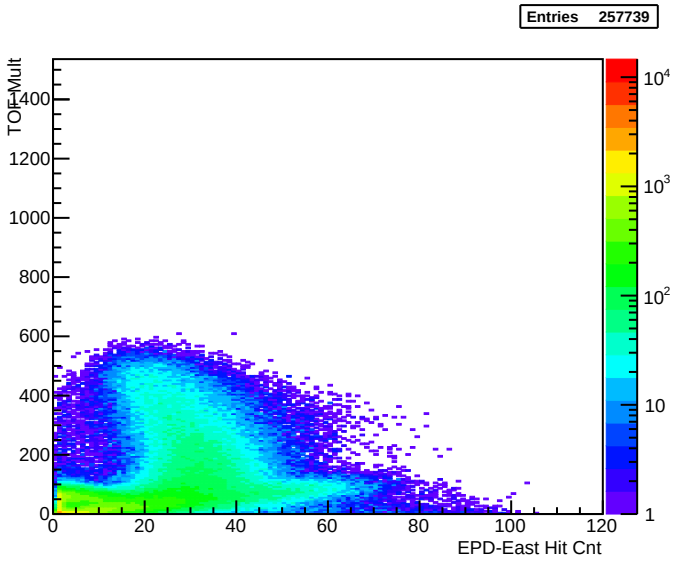

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

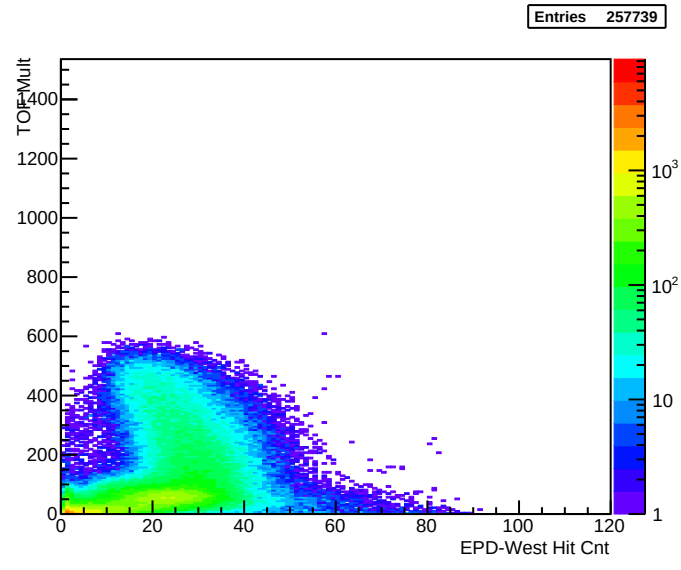

VT201 Input Ch4: VPD Adc Sum Th
Entries 515478
176808
208829
80931
48910
East
West

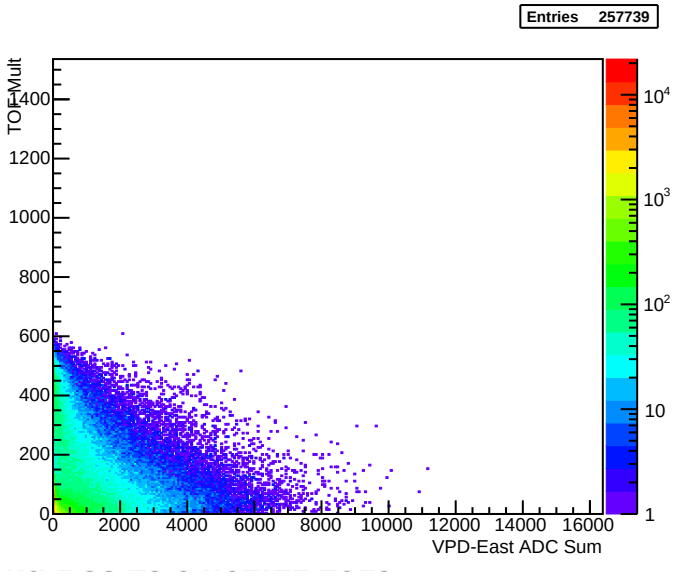

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

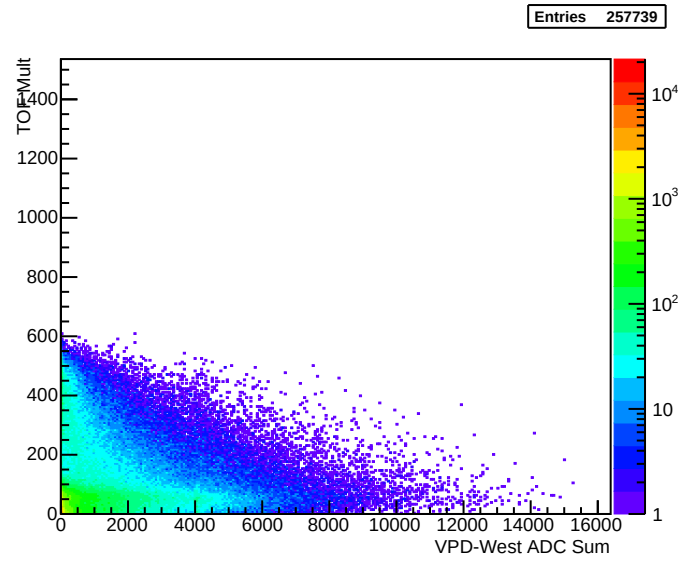

Entries 257739
TOF-Mult
BBC-S-East ADC Sum

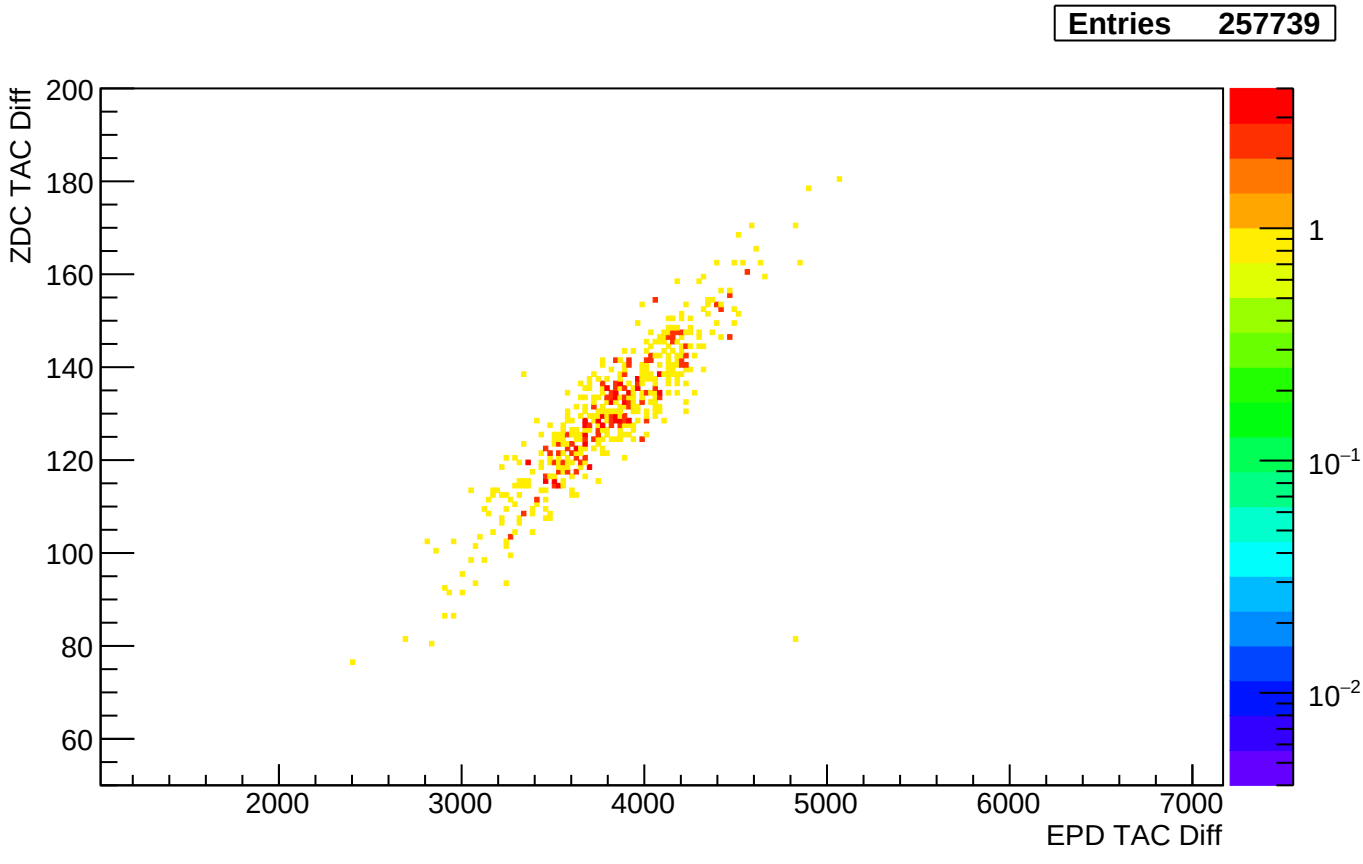

Entries 257739
TOF-Mult
BBC-S-West ADC Sum

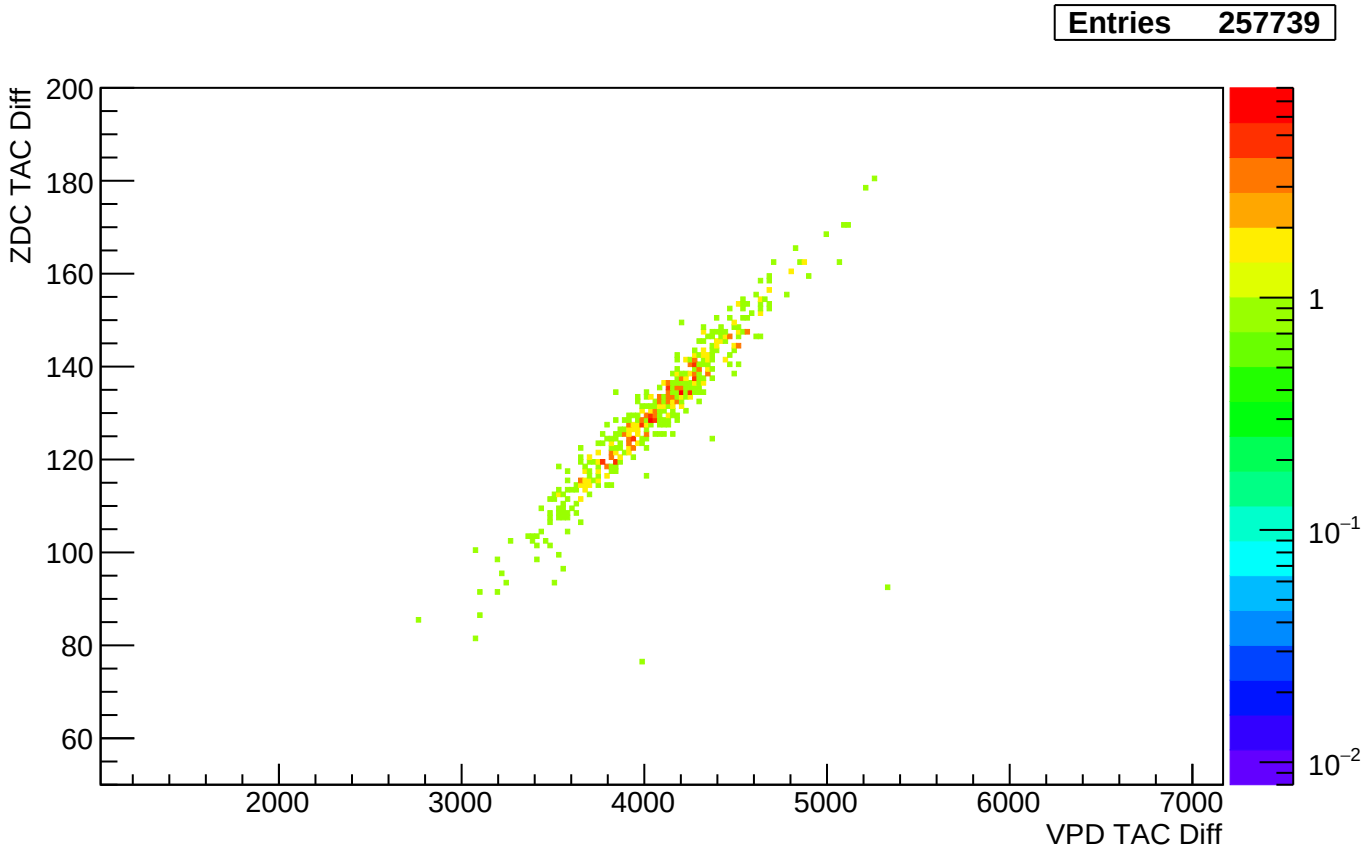

Entries 257739
TOF-Mult
EPD-East Hit Cnt

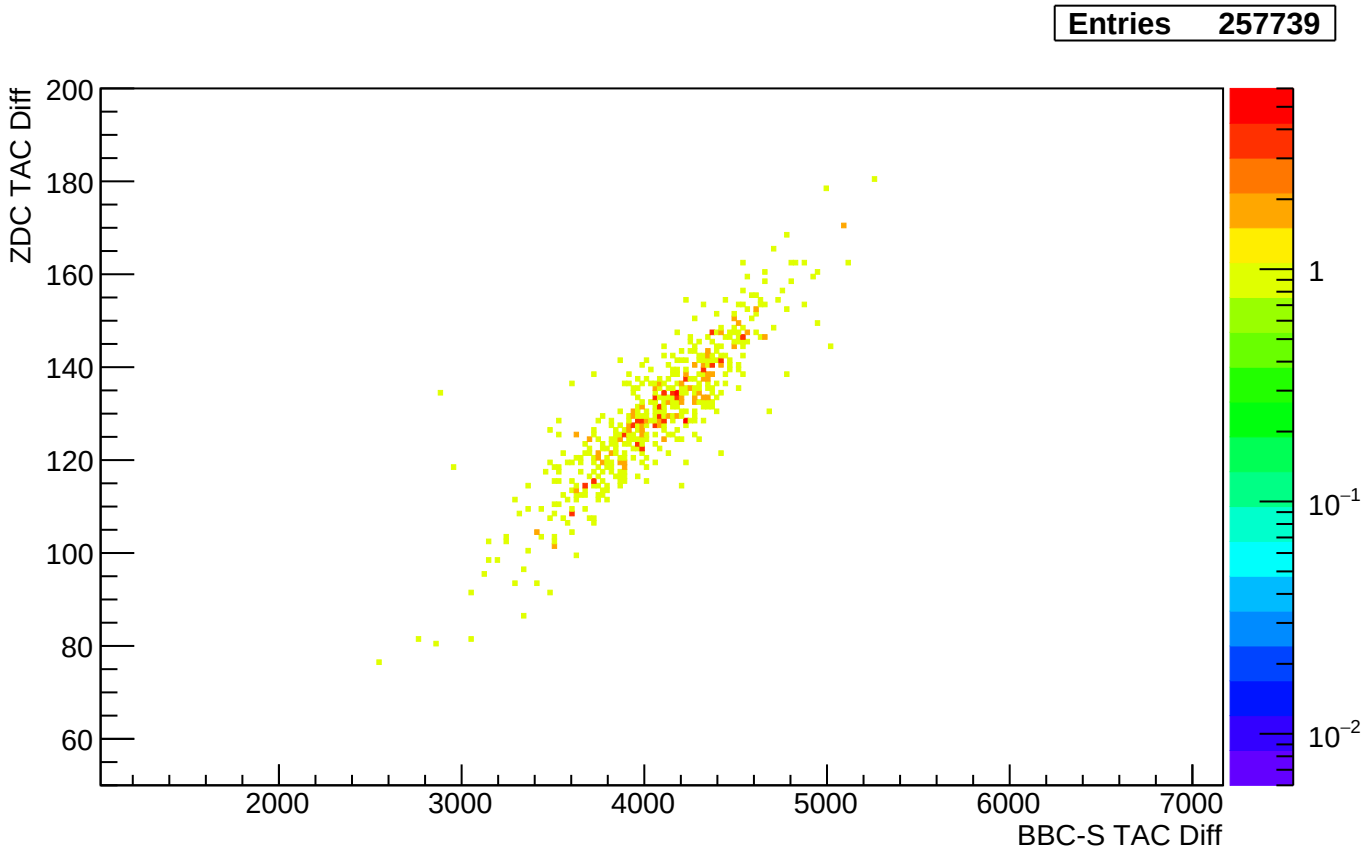

Entries 257739
TOF-Mult
EPD-West Hit Cnt

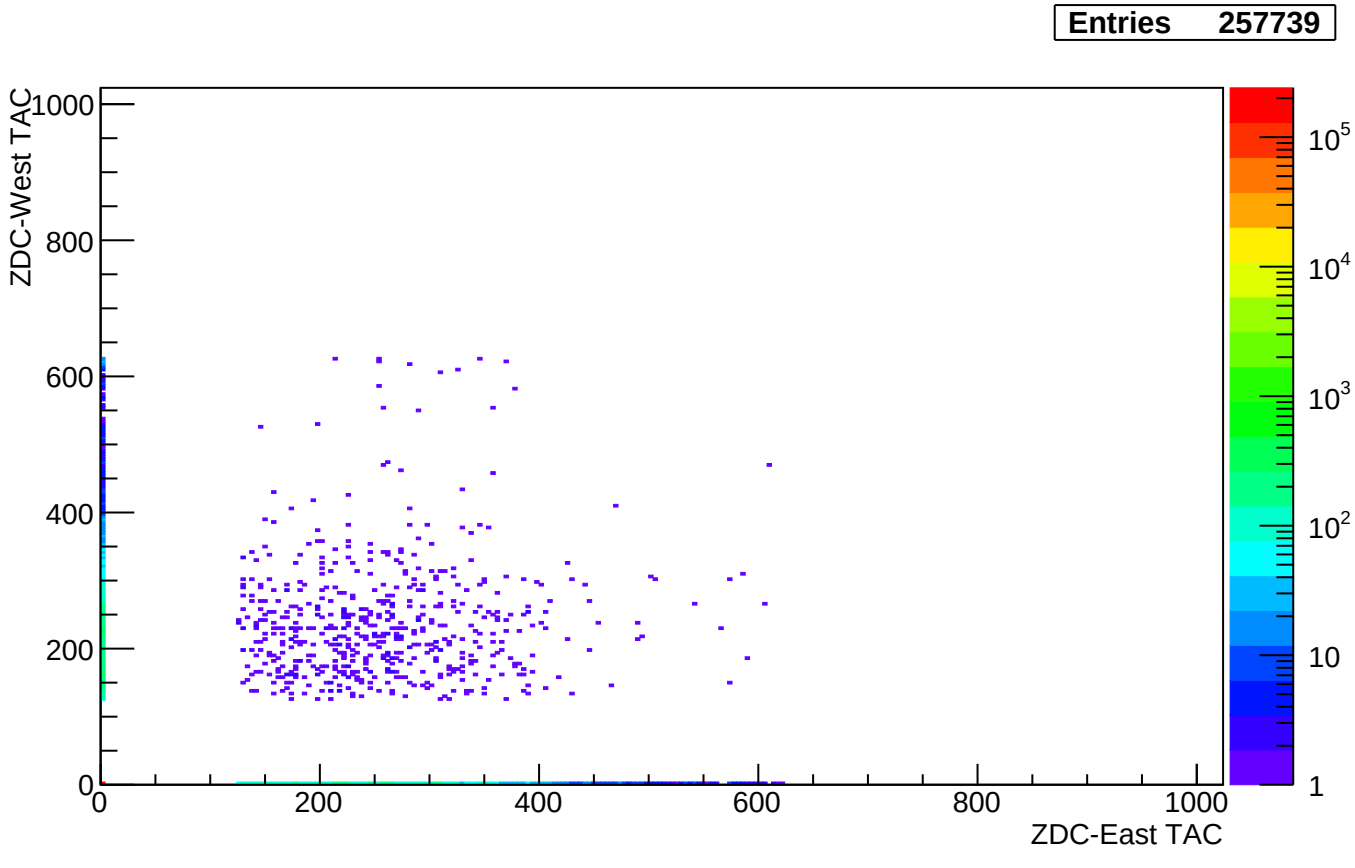

Entries 257739
TOF-Mult
VPD-East ADC Sum

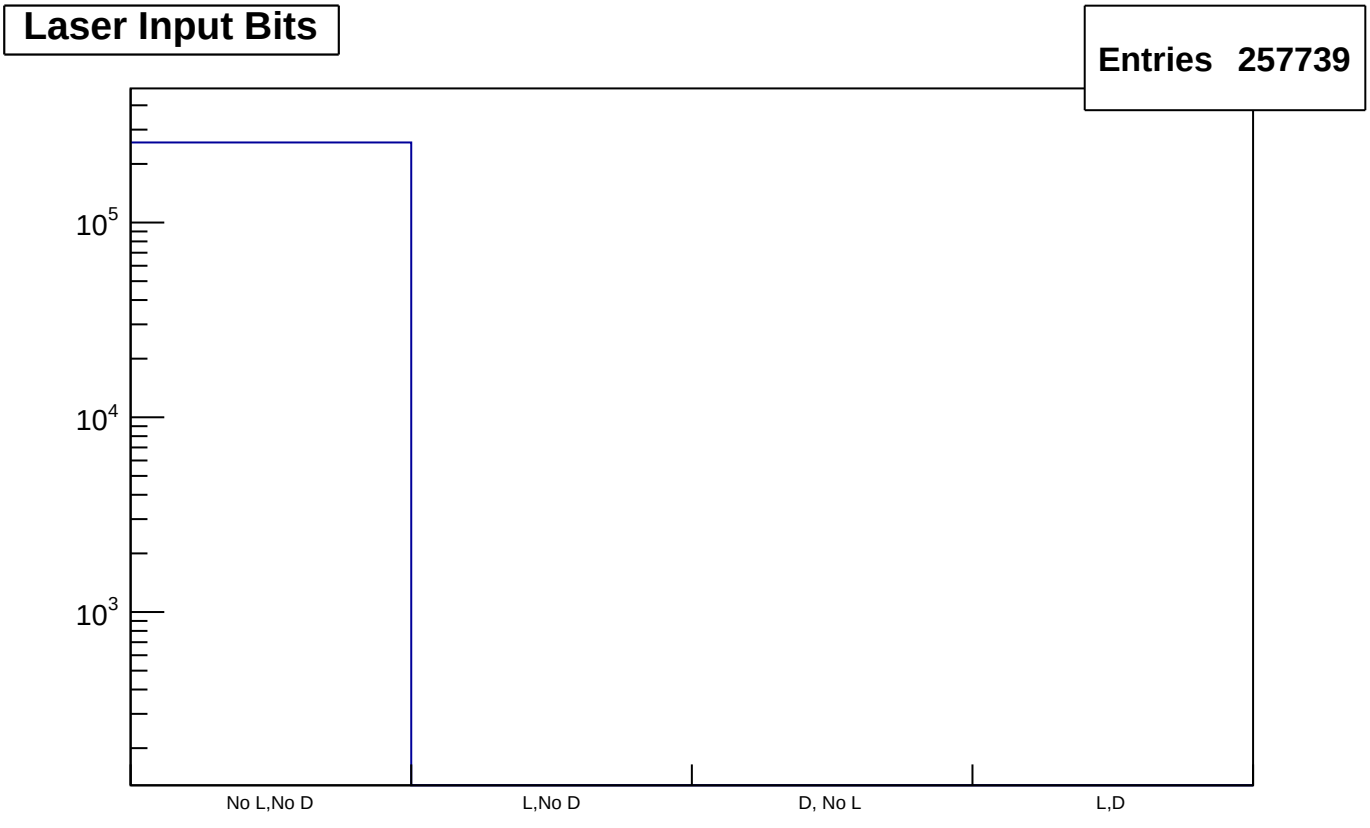

Entries 257739
TOF-Mult
VPD-West ADC Sum

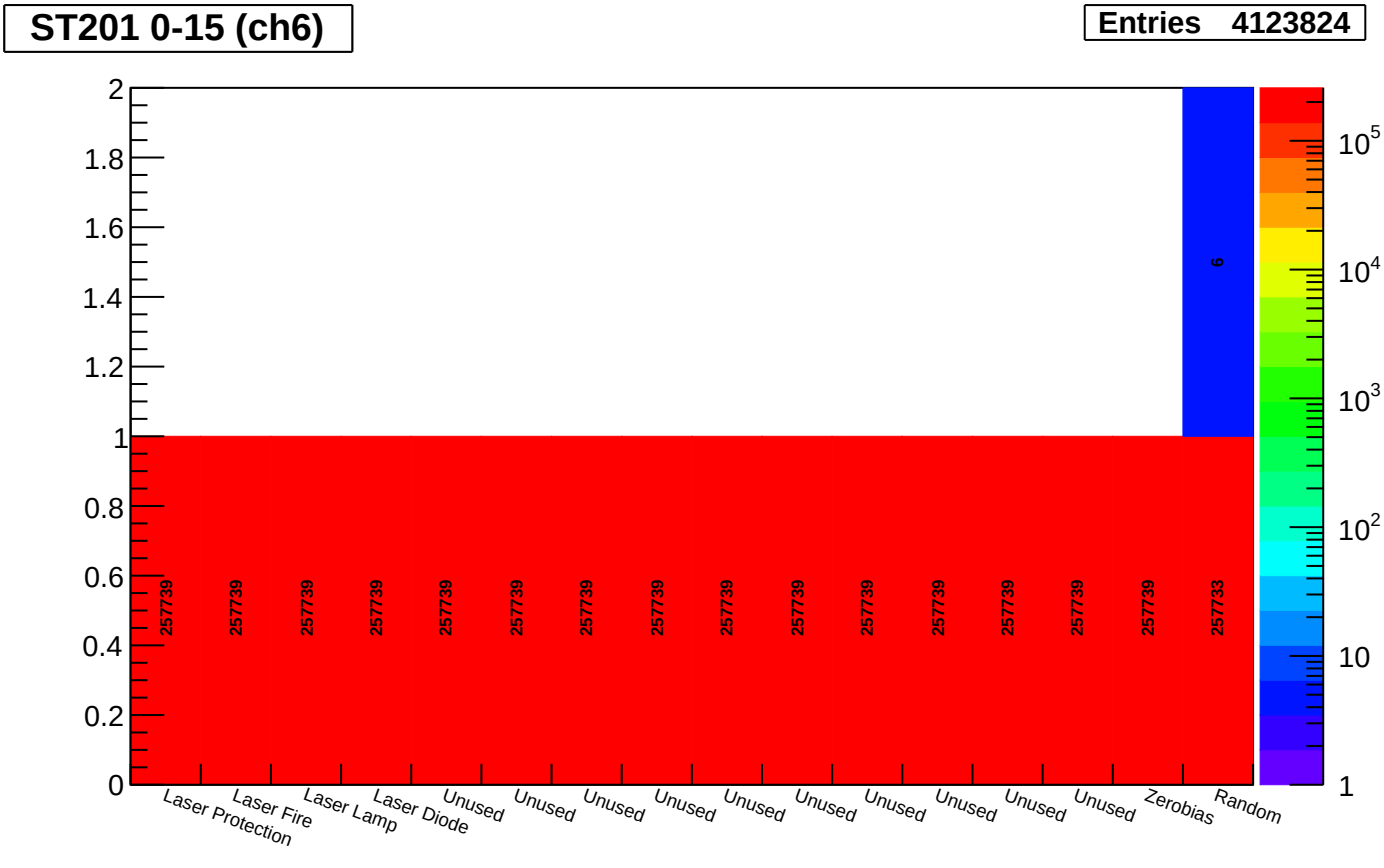

Entries 257739
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

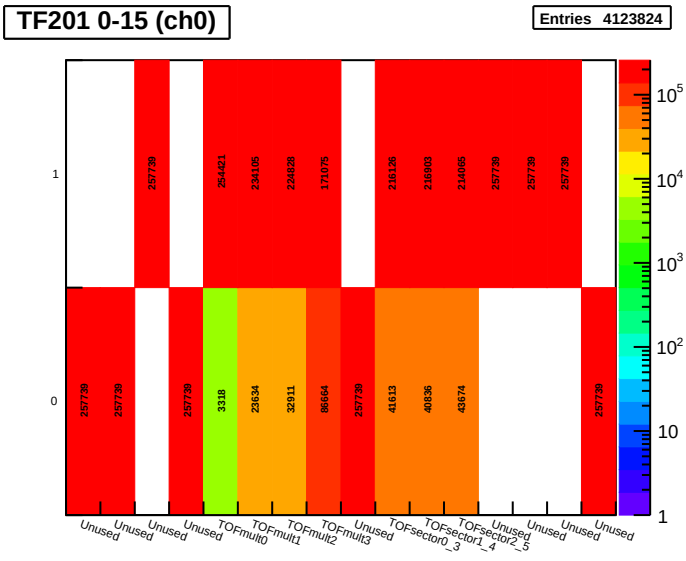

Entries 257739
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

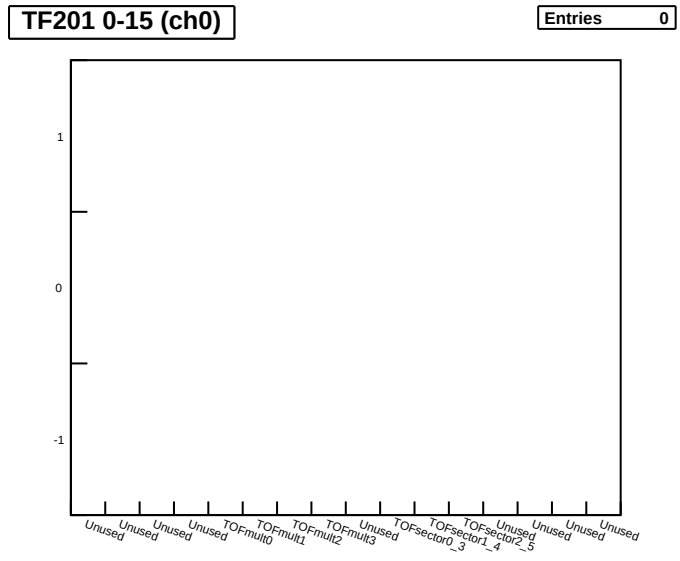

Entries 257739
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

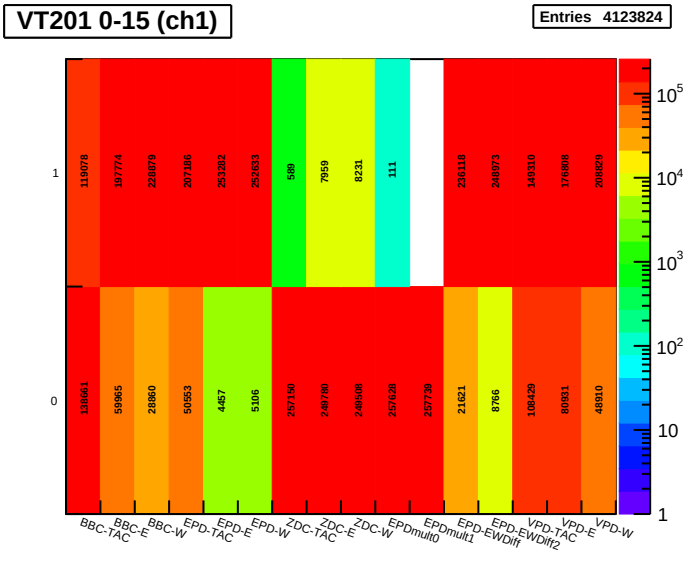

Entries 257739
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

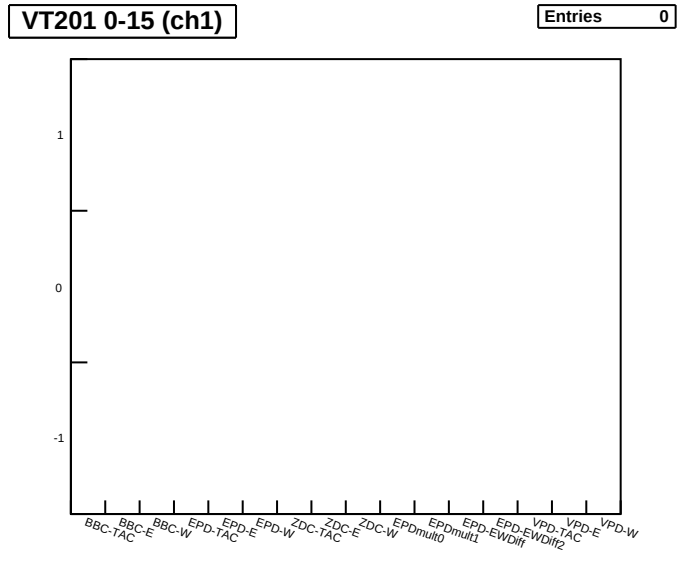

Laser Input Bits
Entries 257739
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

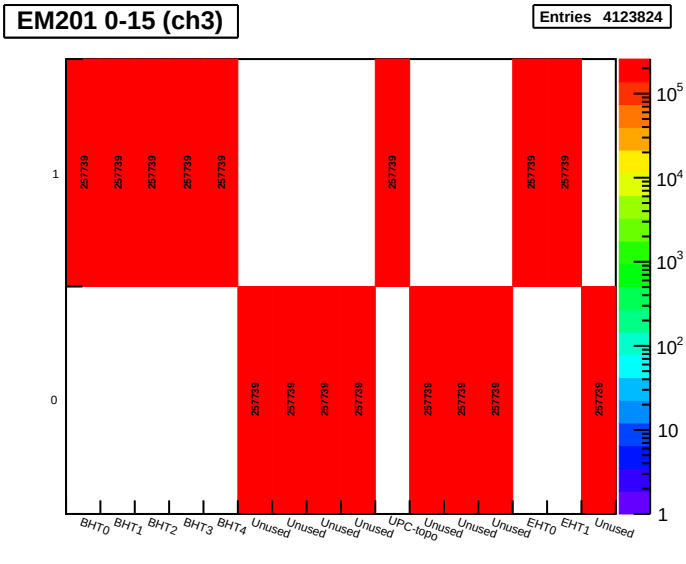

ST201 0-15 (ch6)
Entries 4123824
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
257739
257739
257739
257739
257739
257739
257739
257739
257739
257739
257739
257739
257739
257739
257739
257733
9
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

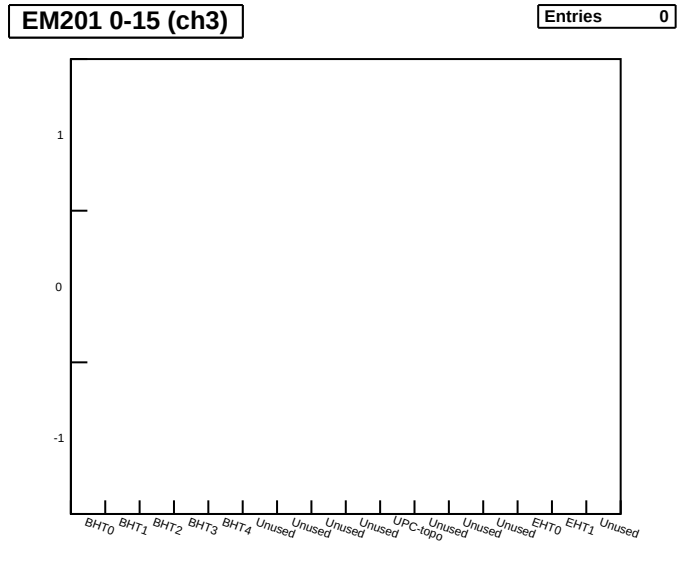

TF201 0-15 (ch0)
Entries 4123824
1
0
257739 254421 234105 234828 171075 216126 216903 214065 257739 257739 257739
257739 257739 257739 3318 23634 32911 86664 257739 41613 40836 43674 257739
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 4123824
1
0
119078 197774 228879 207186 253282 252633 589 7959 8231 111 236118 248973 149310 176808 208829
138661 59965 28860 50553 4467 5106 257150 249780 249508 257628 257739 21621 8766 108429 80831 48910
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 4123824
1
0
257739 257739 257739 257739 257739 257739 257739 257739
257739 257739 257739 257739 257739 257739 257739 257739
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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