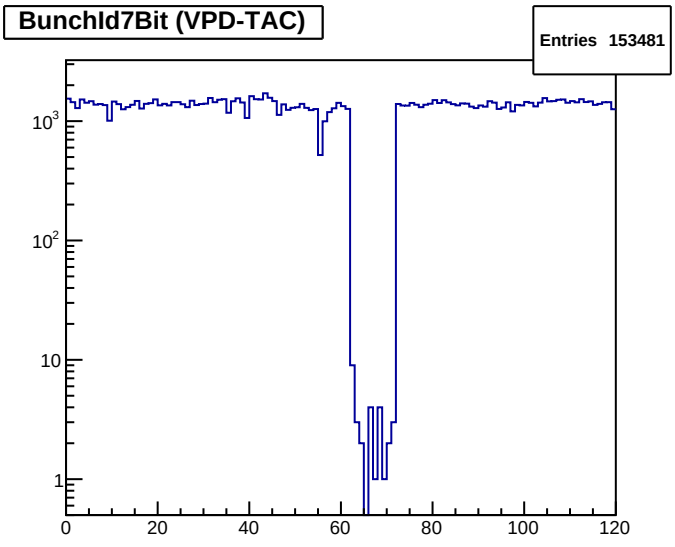
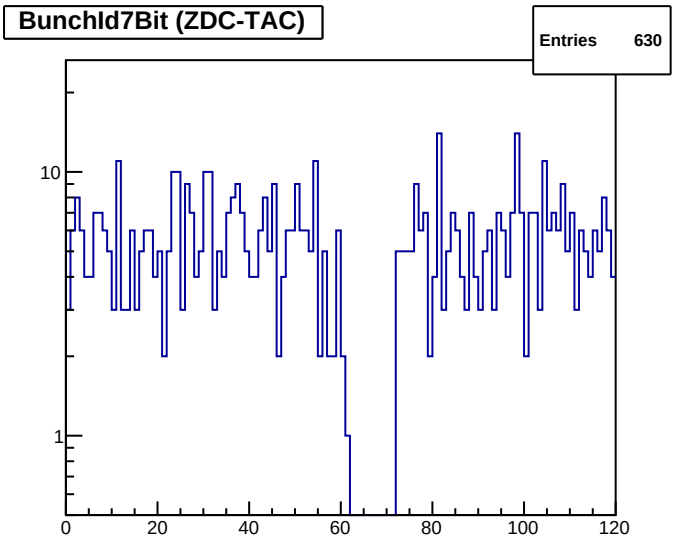
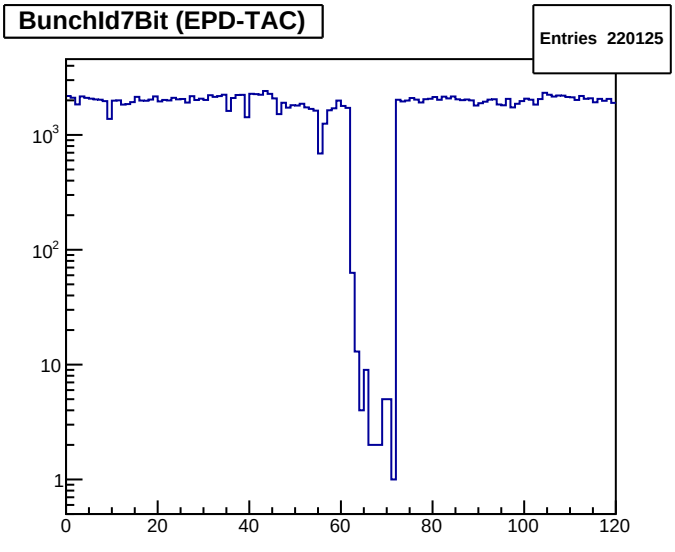
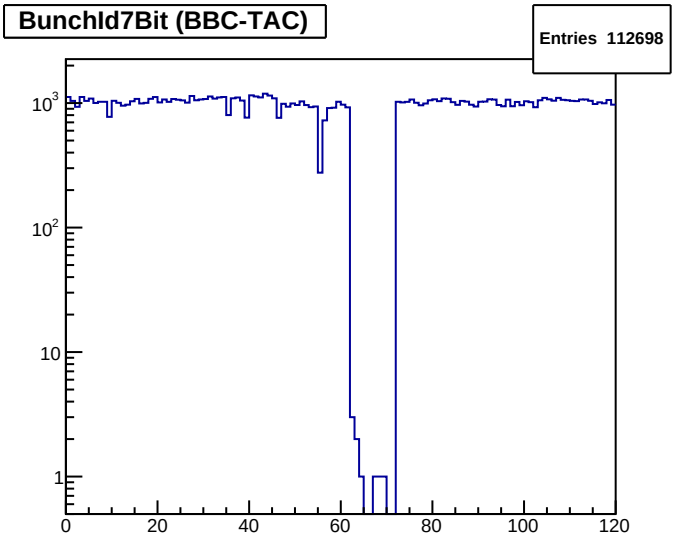
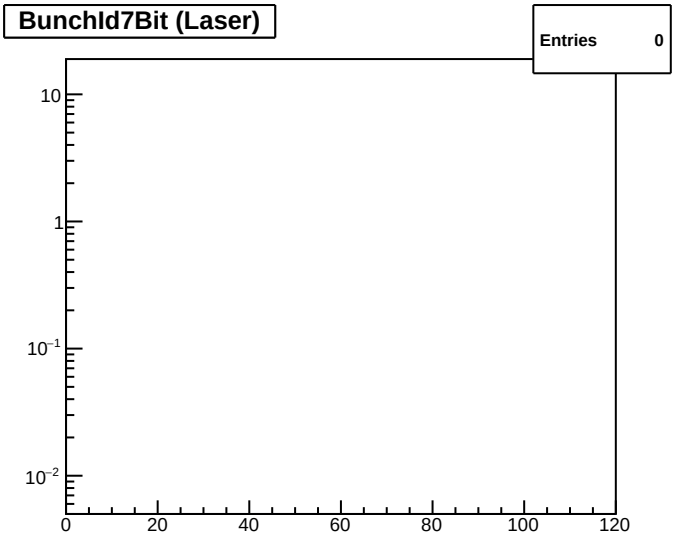
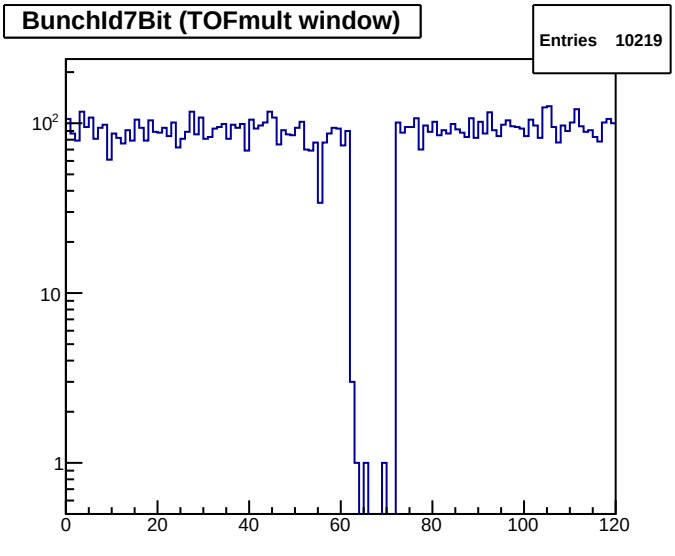

BunchId7Bit (VPD-TAC)
Entries 153481

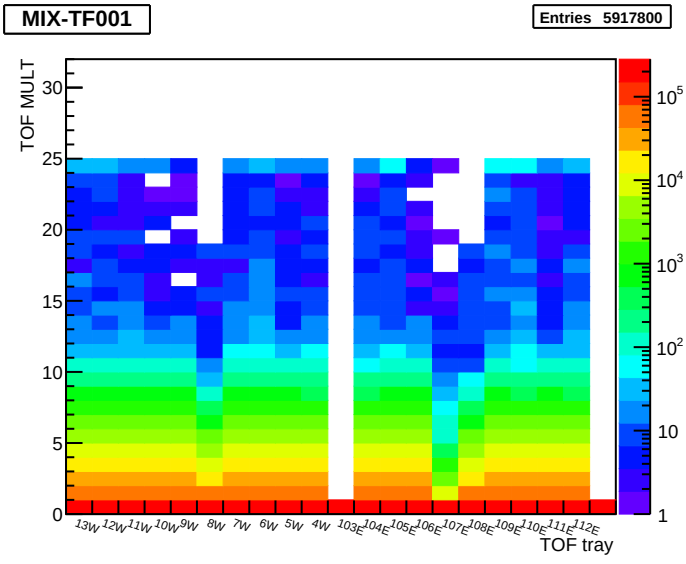

BunchId7Bit (ZDC-TAC)
Entries 630

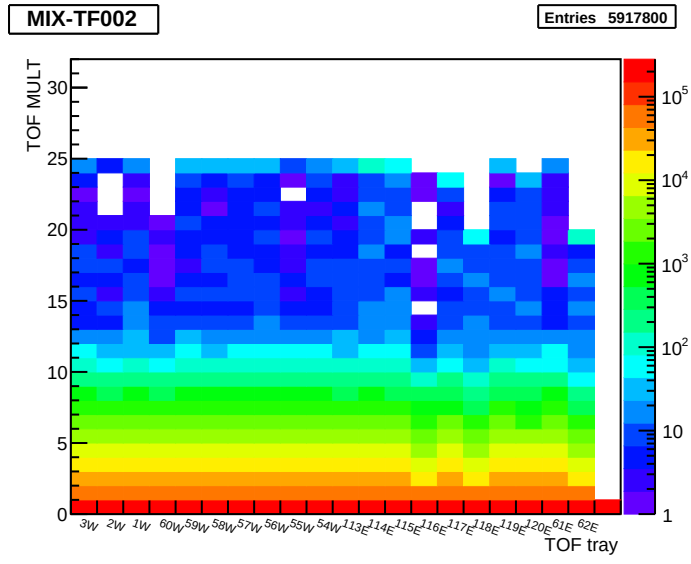

BunchId7Bit (EPD-TAC)
Entries 220125

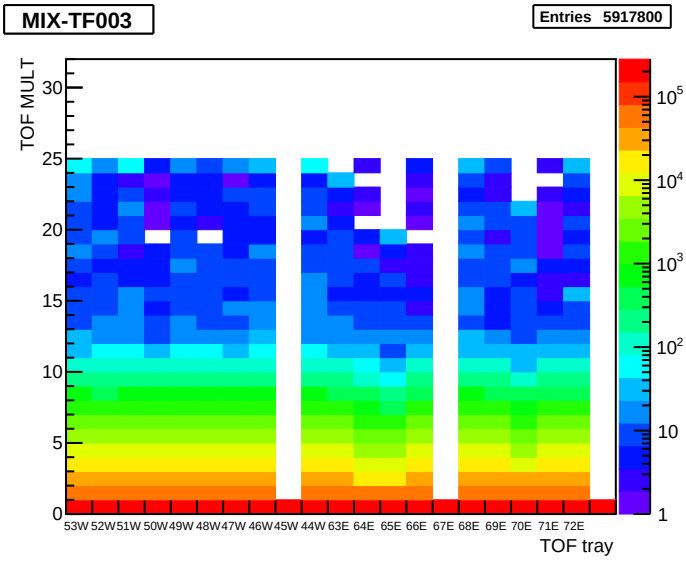

BunchId7Bit (BBC-TAC)
Entries 112698

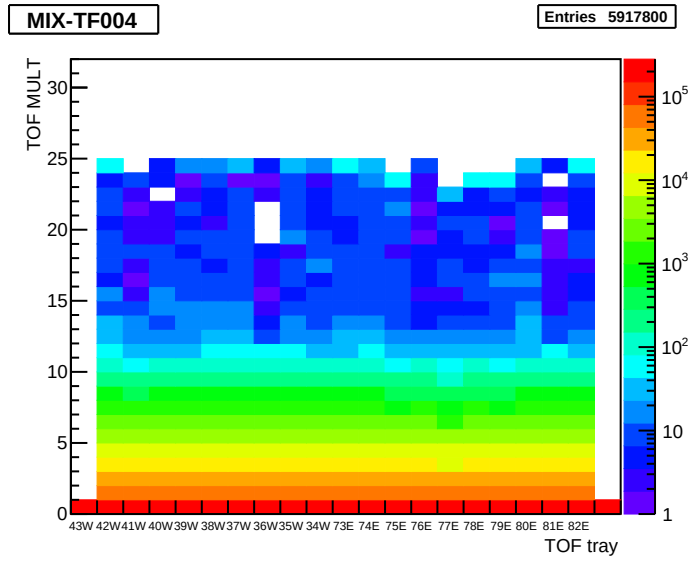

BunchId7Bit (Laser)
Entries 0

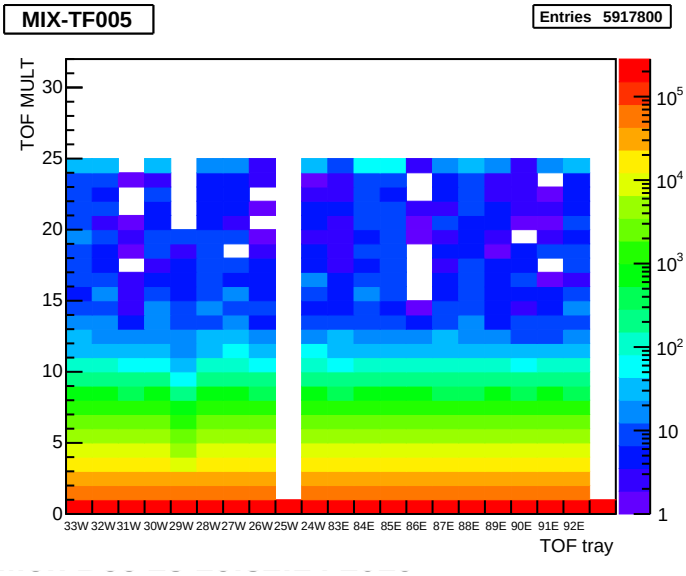

BunchId7Bit (TOFmult window)
Entries 10219

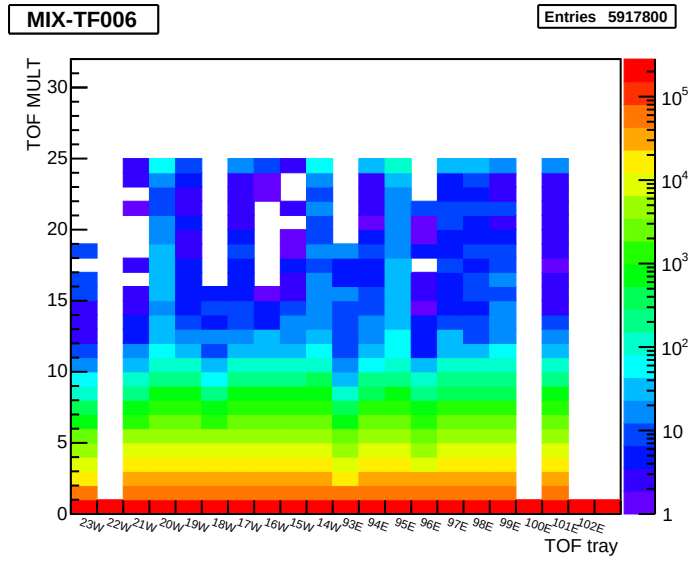

MIX-TF001
Entries 5917800
TOF MULT
TOF tray

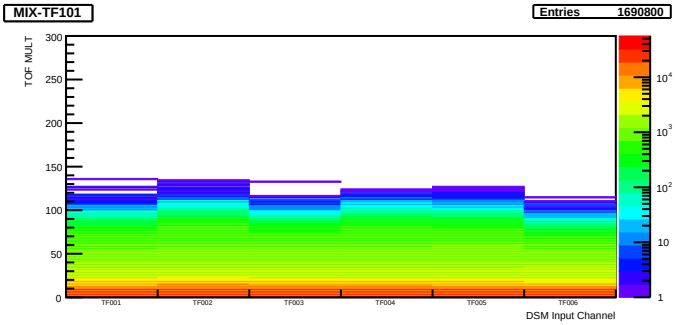

MIX-TF002
Entries 5917800
TOF MULT
TOF tray

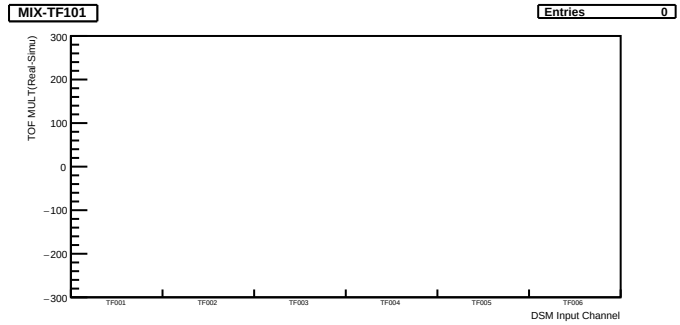

MIX-TF003
Entries 5917800
TOF MULT
TOF tray

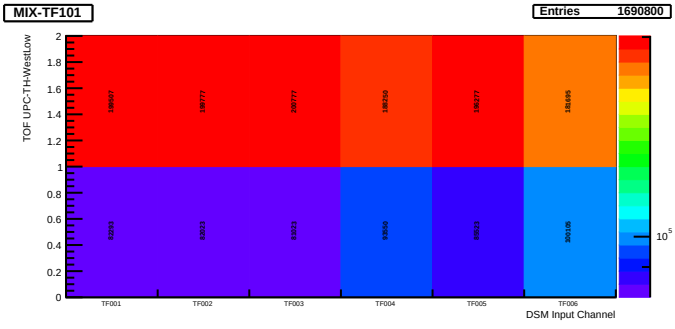

MIX-TF004
Entries 5917800
TOF MULT
TOF tray

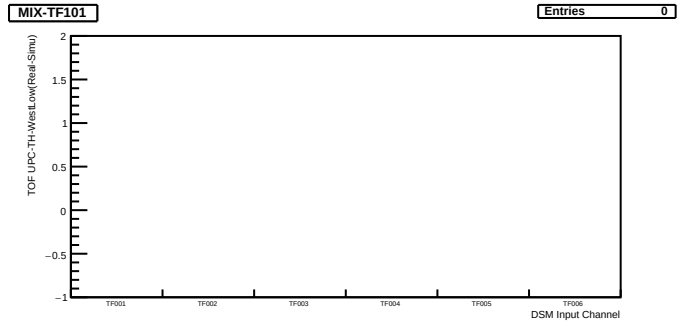

MIX-TF005
Entries 5917800
TOF MULT
TOF tray

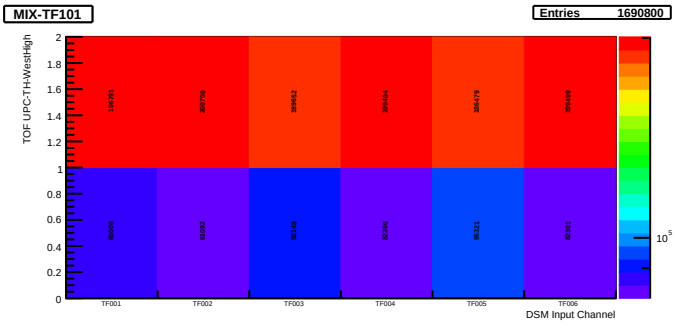

MIX-TF006
Entries 5917800
TOF MULT
TOF tray

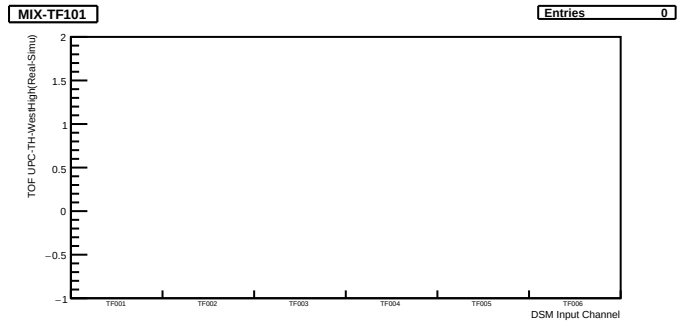

MIX-TF101
Entries 1690800
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

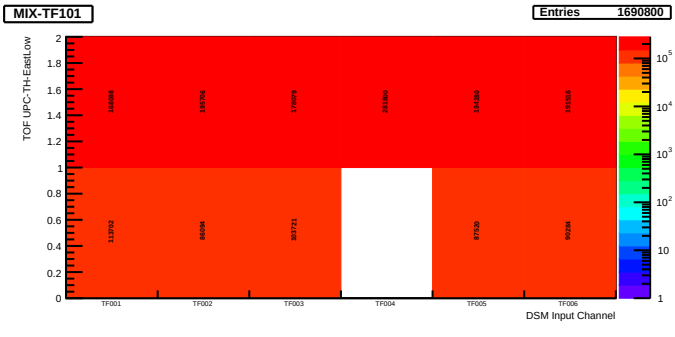

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

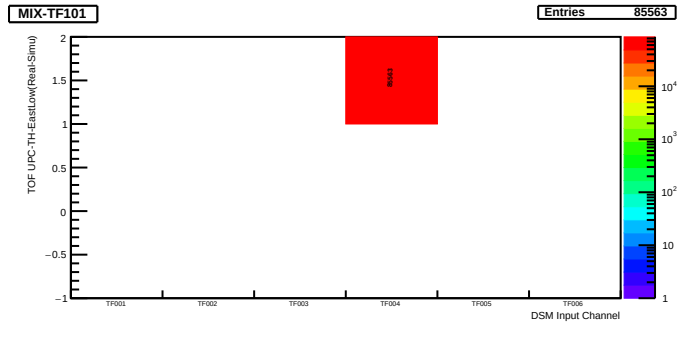

MIX-TF101
Entries 1690800
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

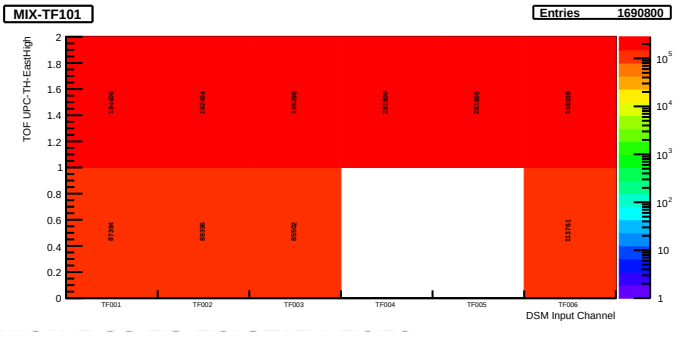

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

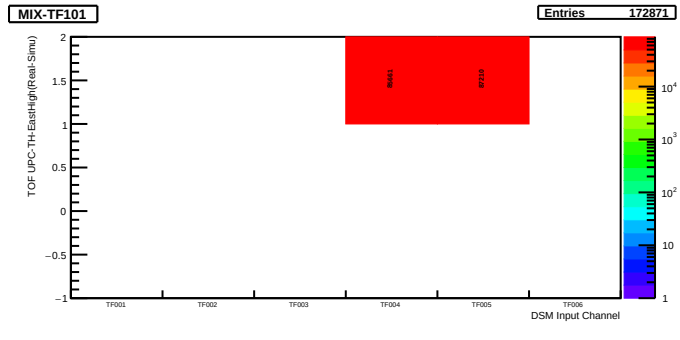

MIX-TF101
Entries 1690800
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

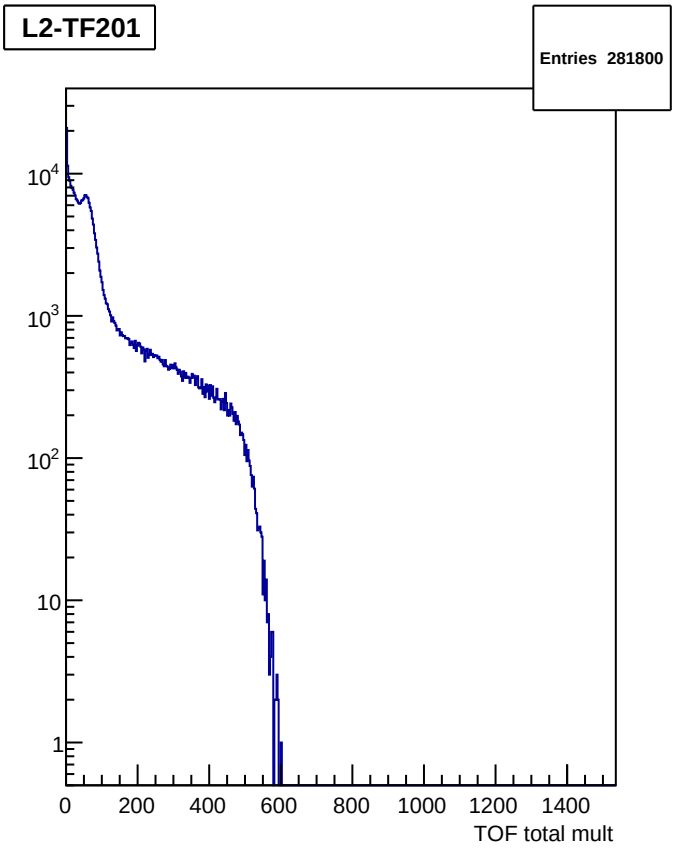

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

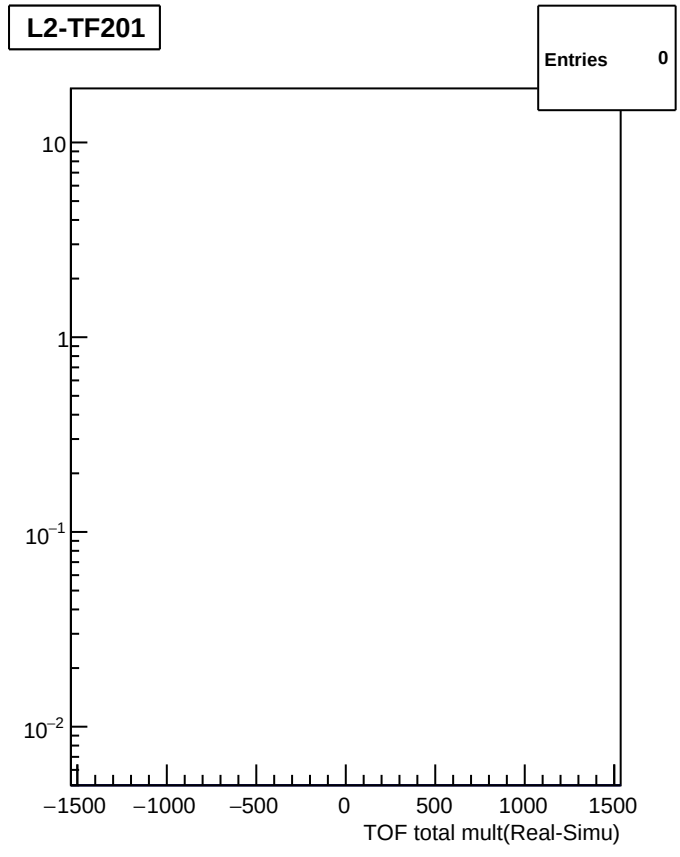

MIX-TF101
Entries 1690800
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

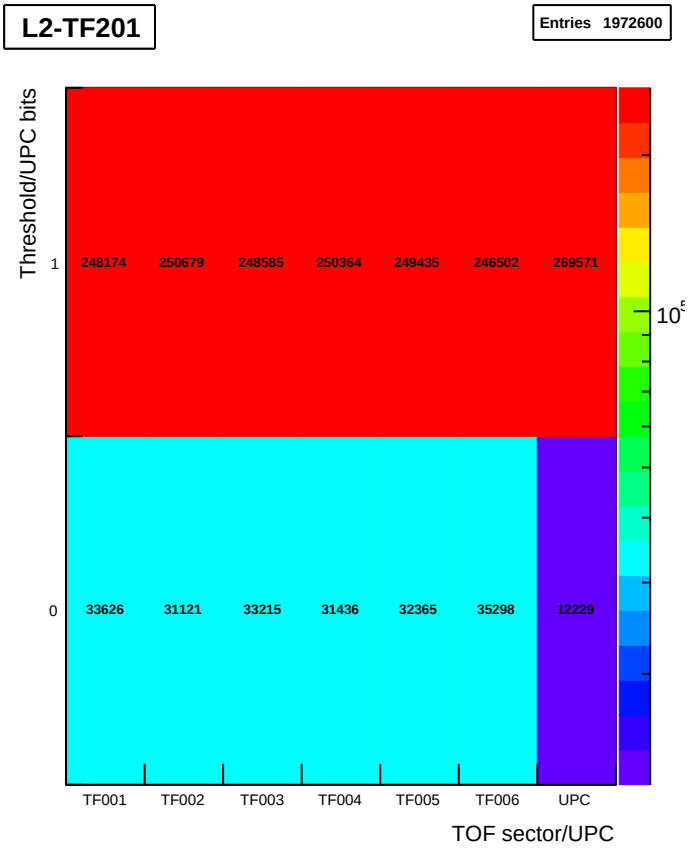

MIX-TF101
Entries 85563
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

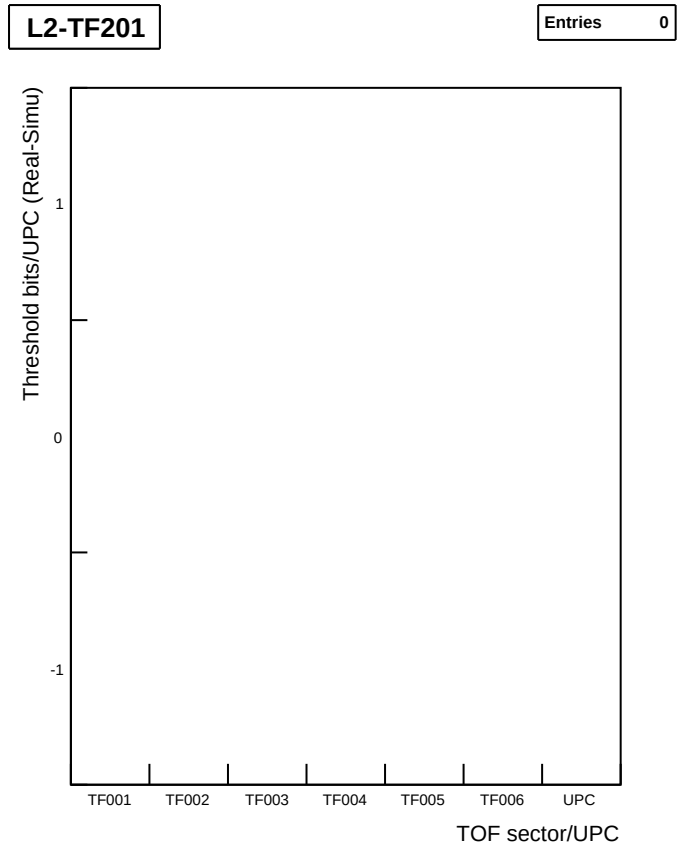

MIX-TF101
Entries 1690800
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

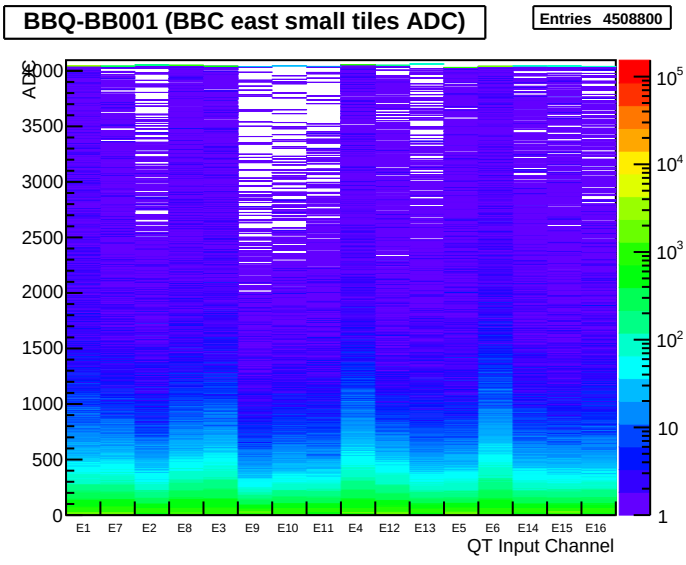

MIX-TF101
Entries 172871
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

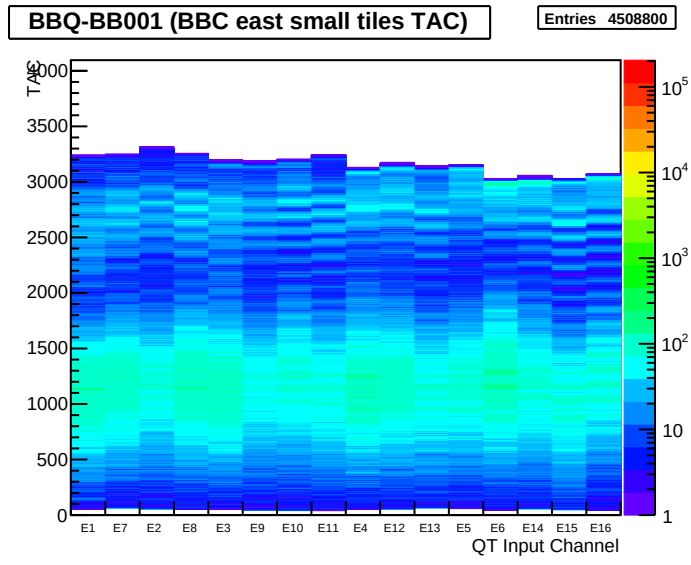

L2-TF201
Entries 281800
TOF total mult

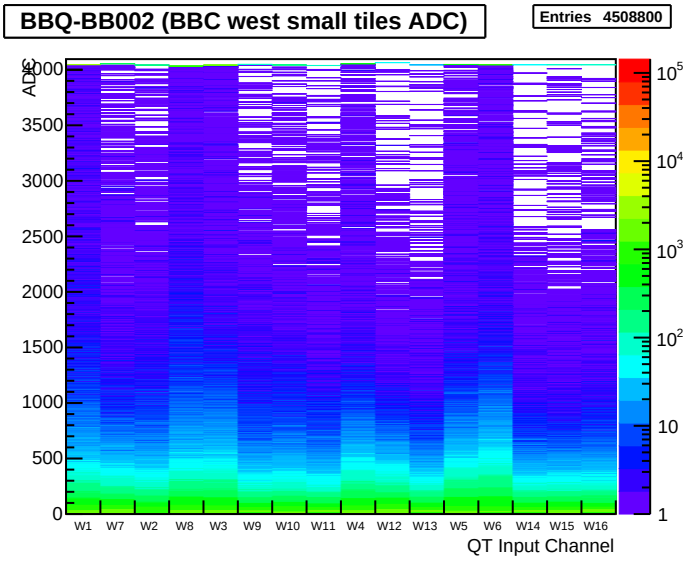

L2-TF201
Entries 0
TOF total mult(Real-Simu)

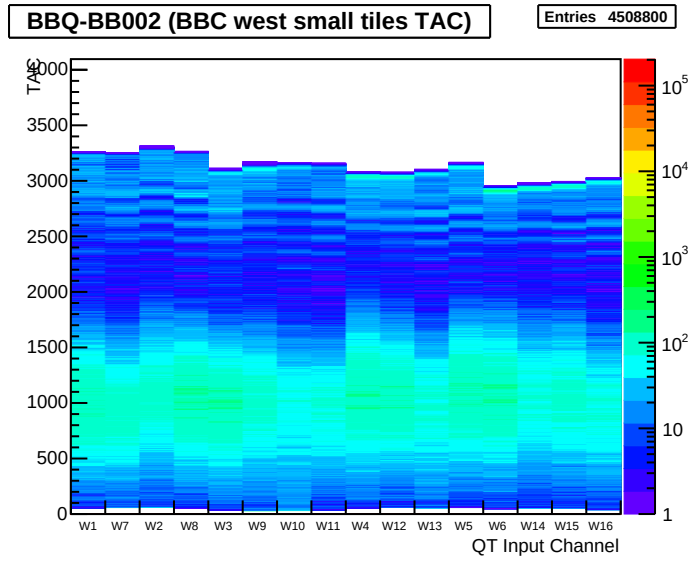

L2-TF201
Entries 1972600
Threshold/UPC bits
248174
250679
248585
250364
249435
246502
269571
33626
31121
33215
31436
32365
35298
12229
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

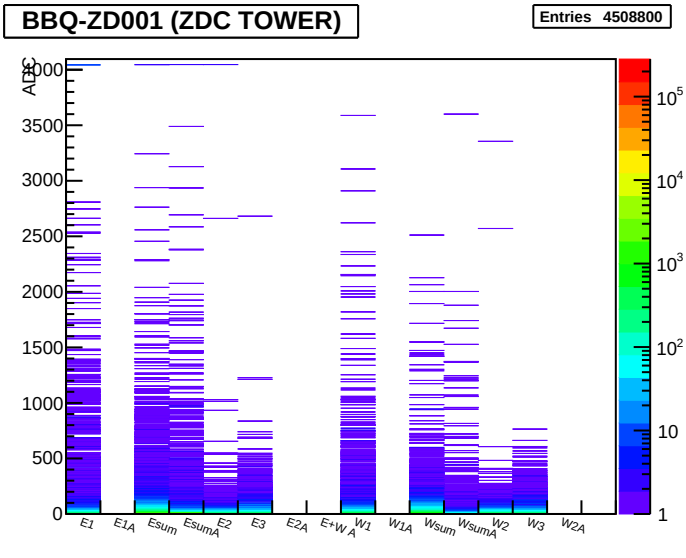

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

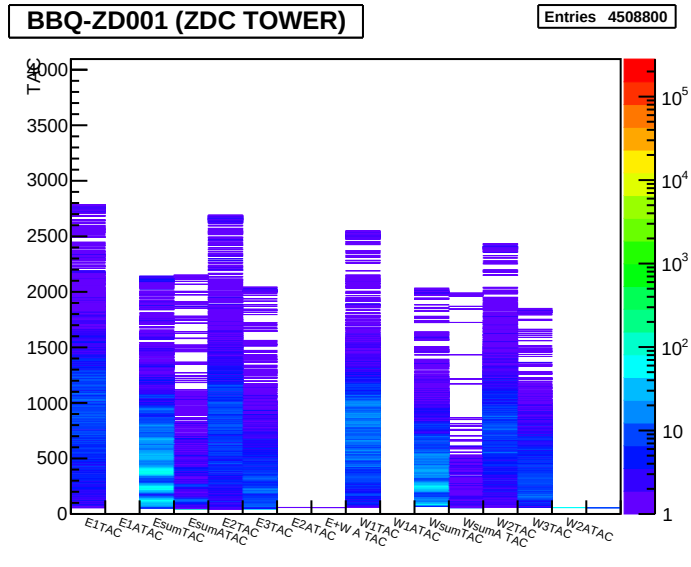

BBQ-BB001 (BBC east small tiles ADC)
Entries 4508800
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

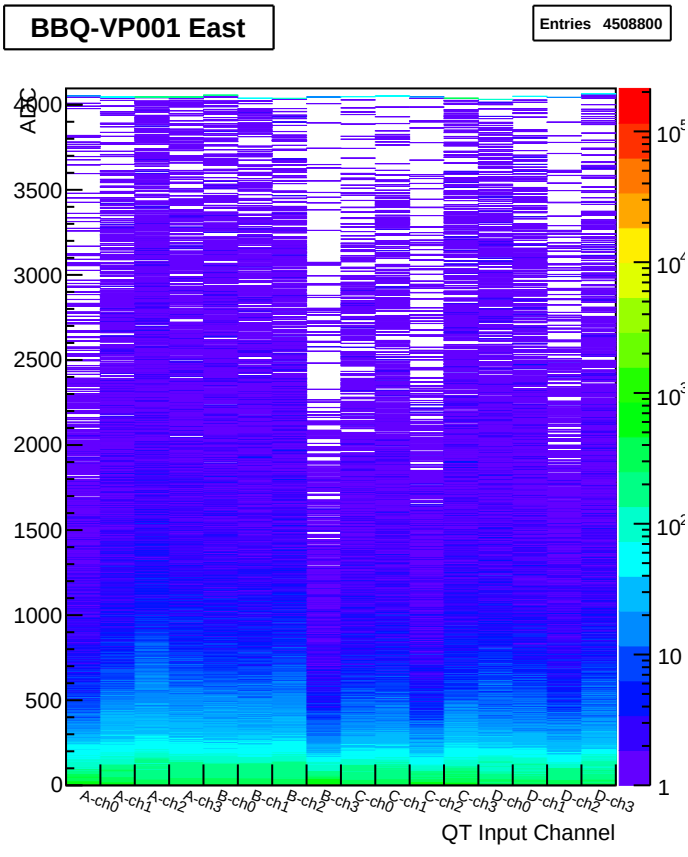

BBQ-BB001 (BBC east small tiles TAC)
Entries 4508800
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

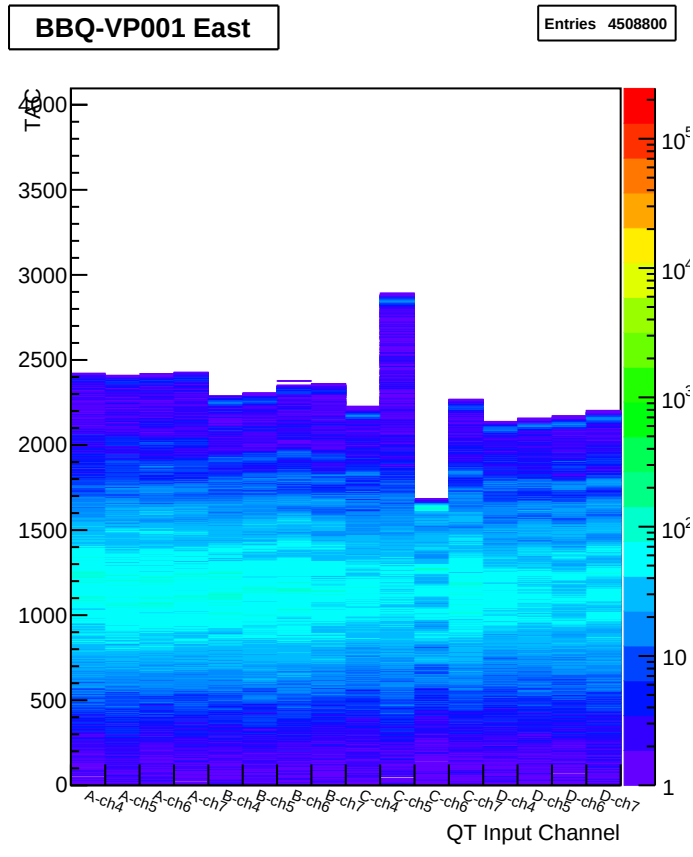

BBQ-BB002 (BBC west small tiles ADC)
Entries 4508800
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

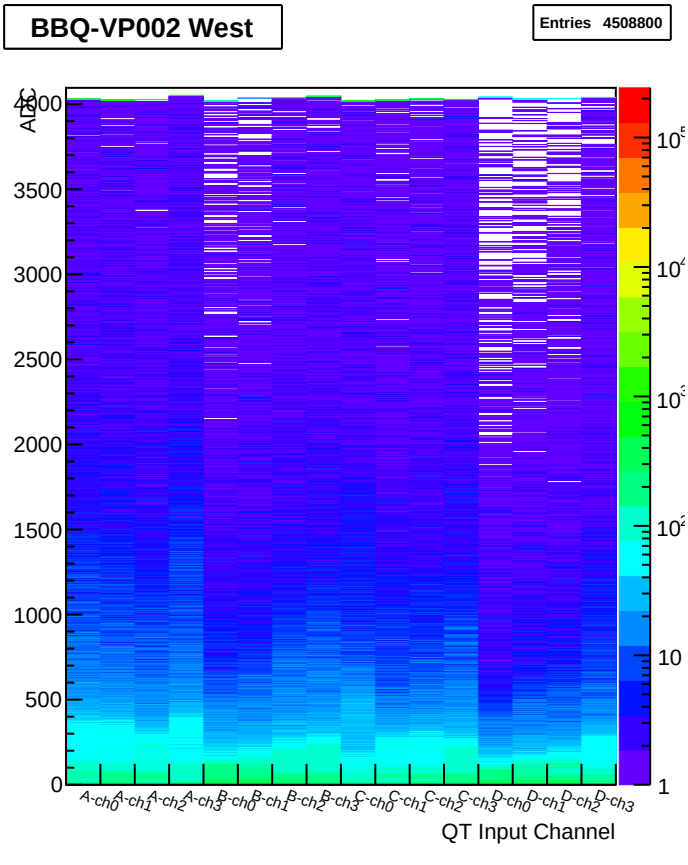

BBQ-BB002 (BBC west small tiles TAC)
Entries 4508800
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

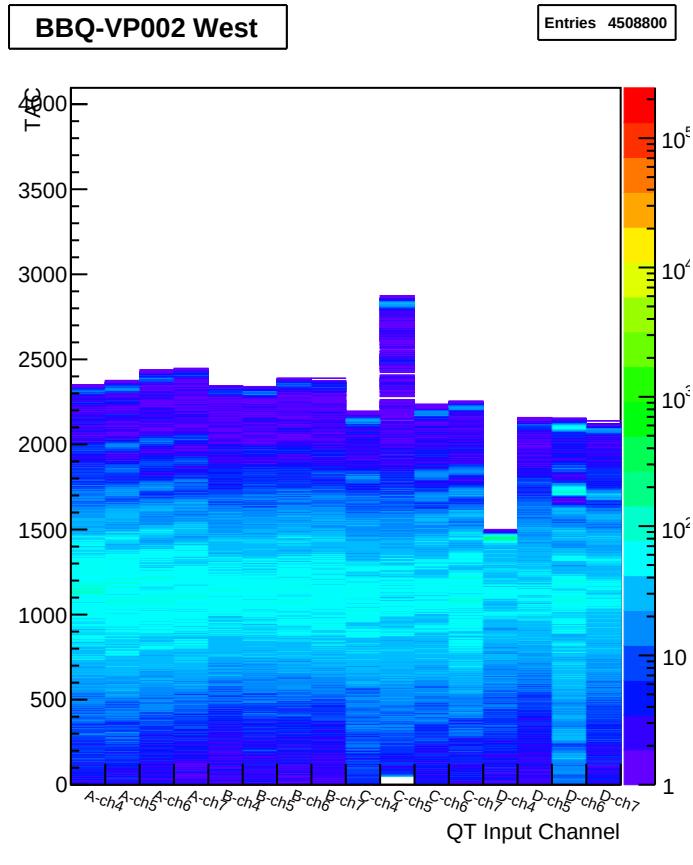

BBQ-ZD001 (ZDC TOWER)
Entries 4508800
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

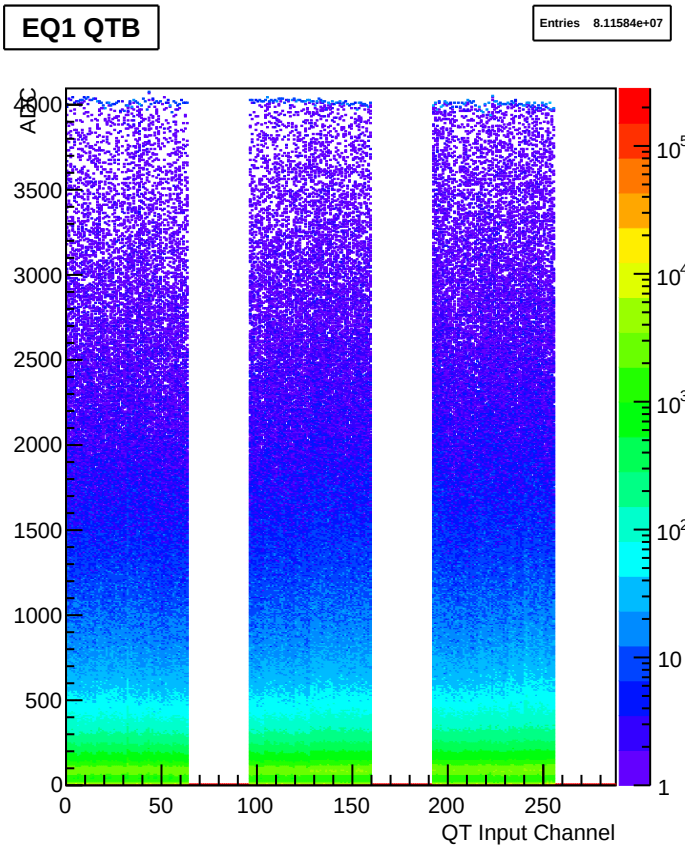

BBQ-ZD001 (ZDC TOWER)
Entries 4508800
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

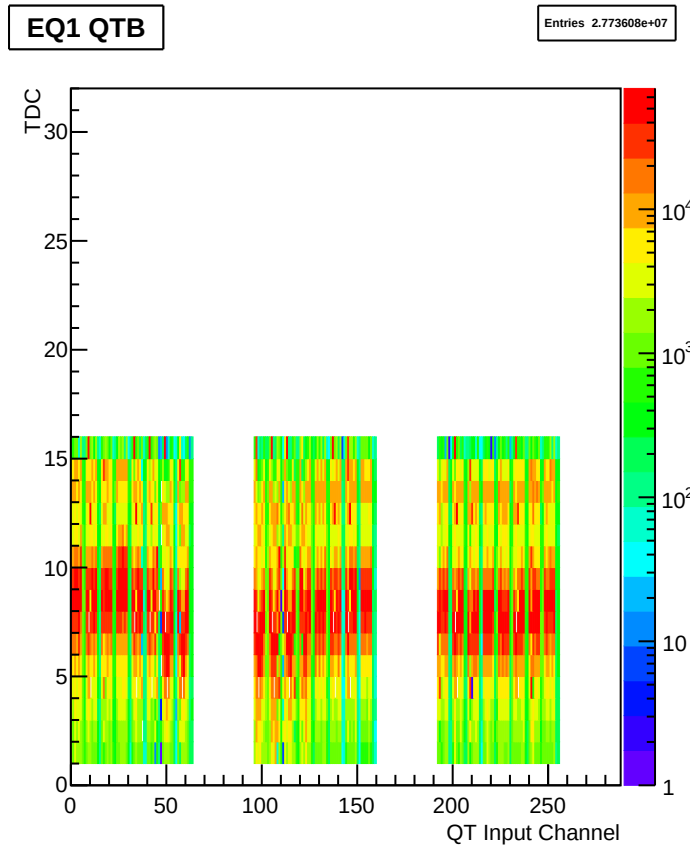

BBQ-VP001 East
Entries 4508800
ADC
QT Input Channel

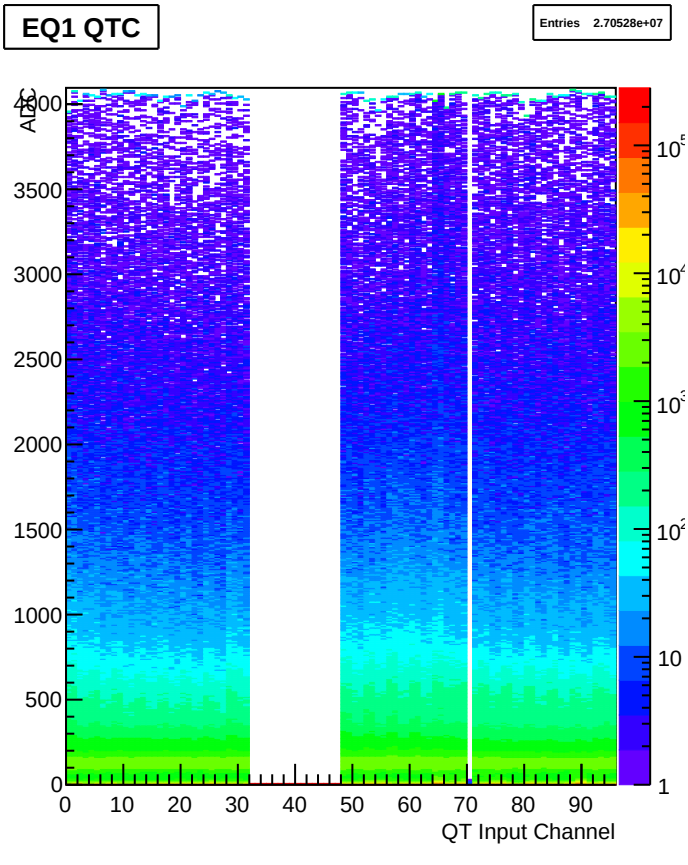

BBQ-VP001 East
Entries 4508800
TAC
QT Input Channel

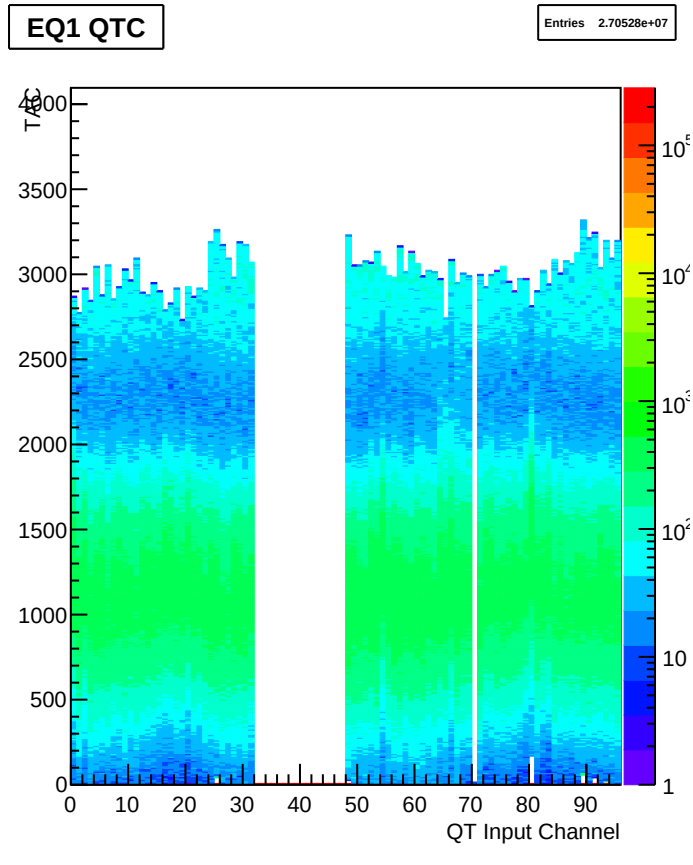

BBQ-VP002 West
Entries 4508800
ADC
QT Input Channel

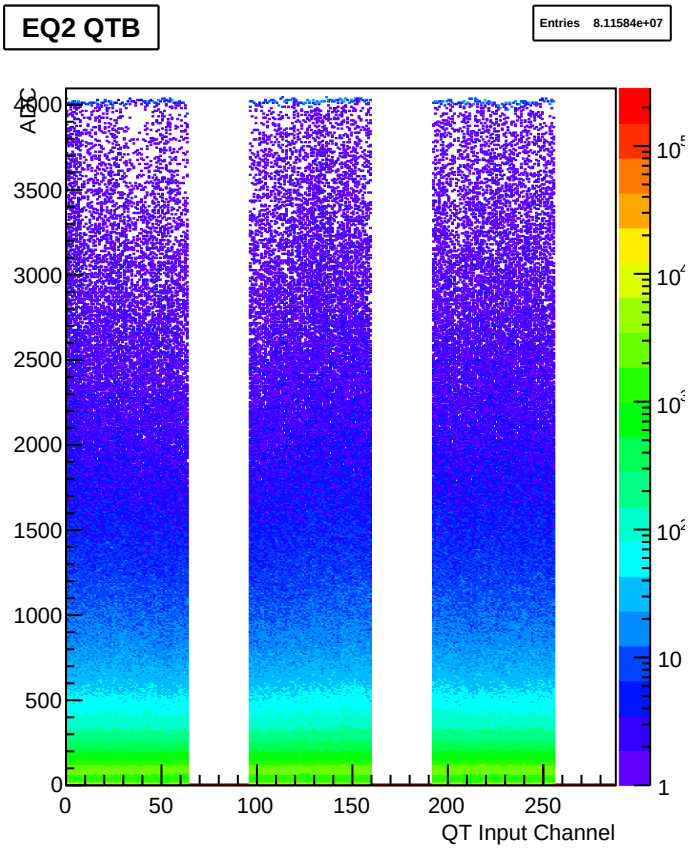

BBQ-VP002 West
Entries 4508800
TAC
QT Input Channel

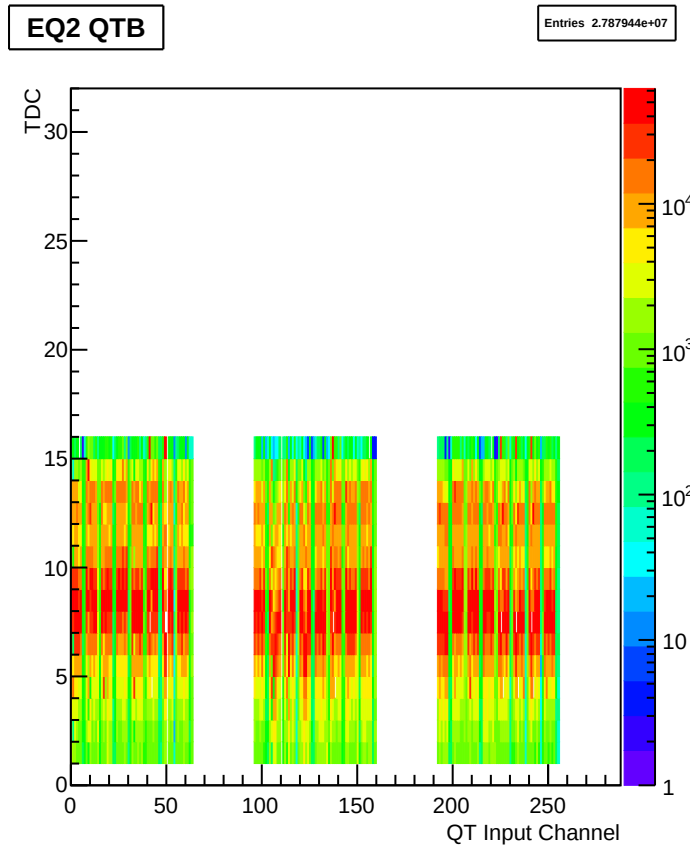

EQ1 QTB
Entries 8.11584e+07
ADC
QT Input Channel

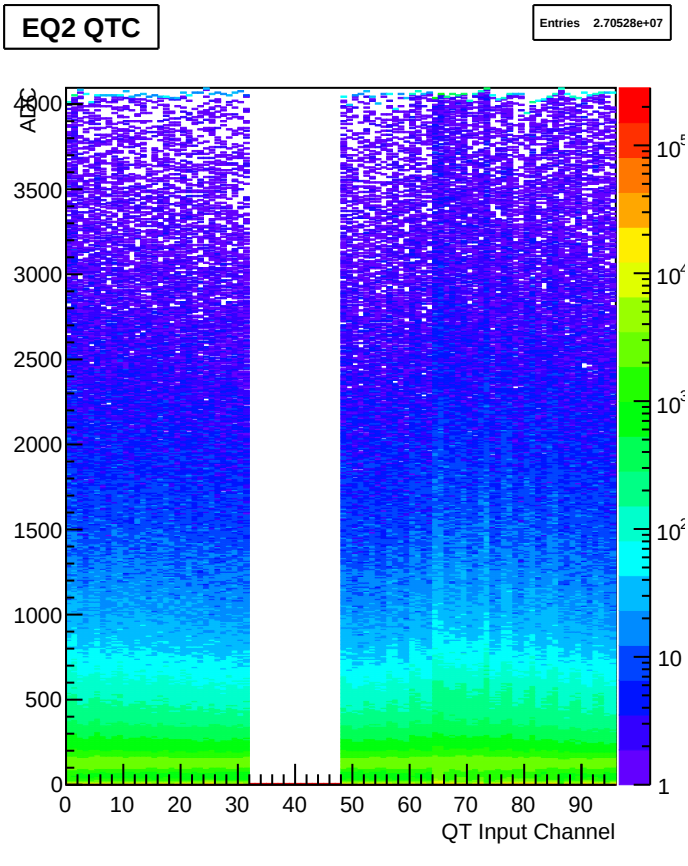

EQ1 QTB
Entries 2.773608e+07
TDC
QT Input Channel

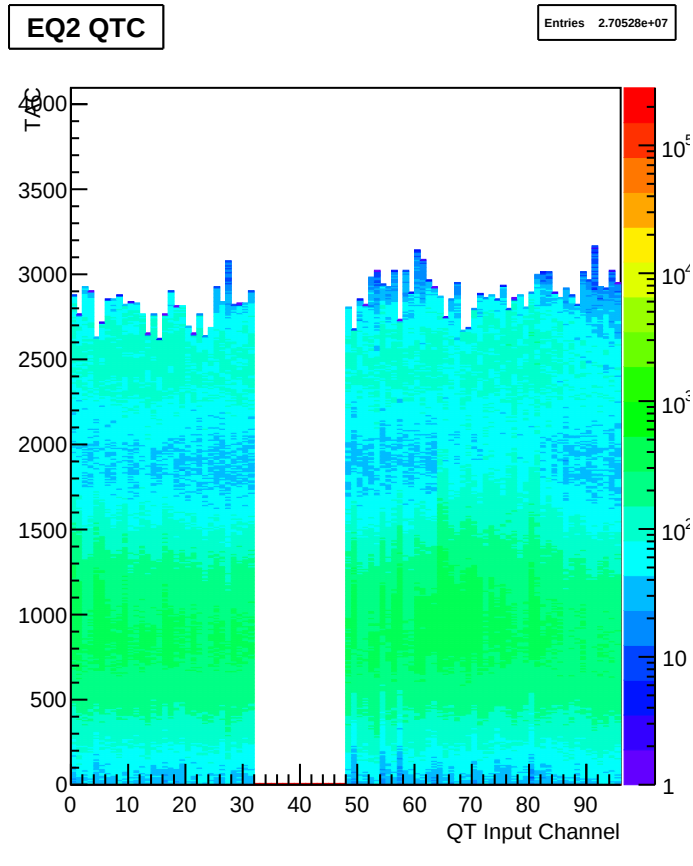

EQ1 QTC
Entries 2.70528e+07
ADC
QT Input Channel

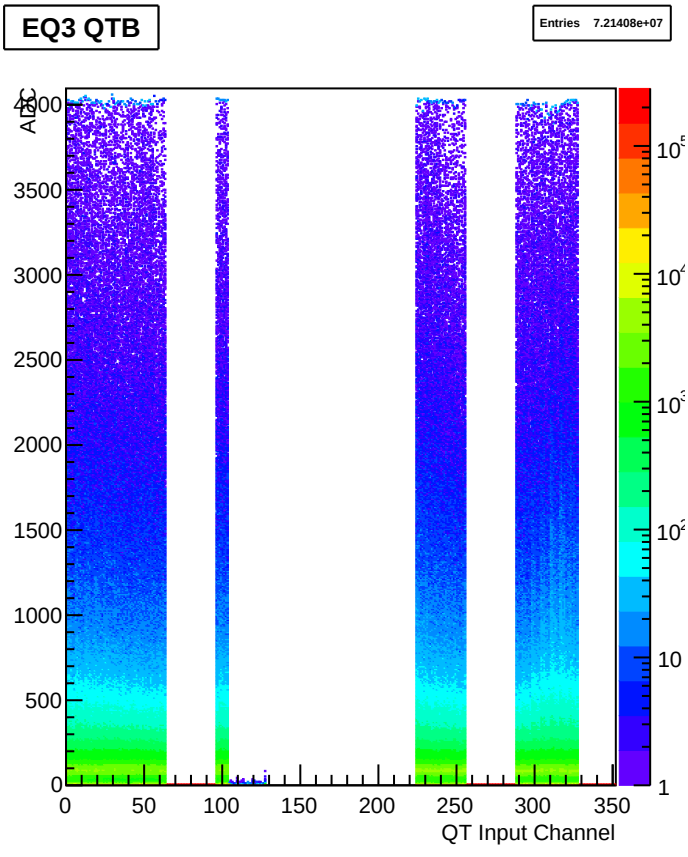

EQ1 QTC
Entries 2.70528e+07
TADC
QT Input Channel

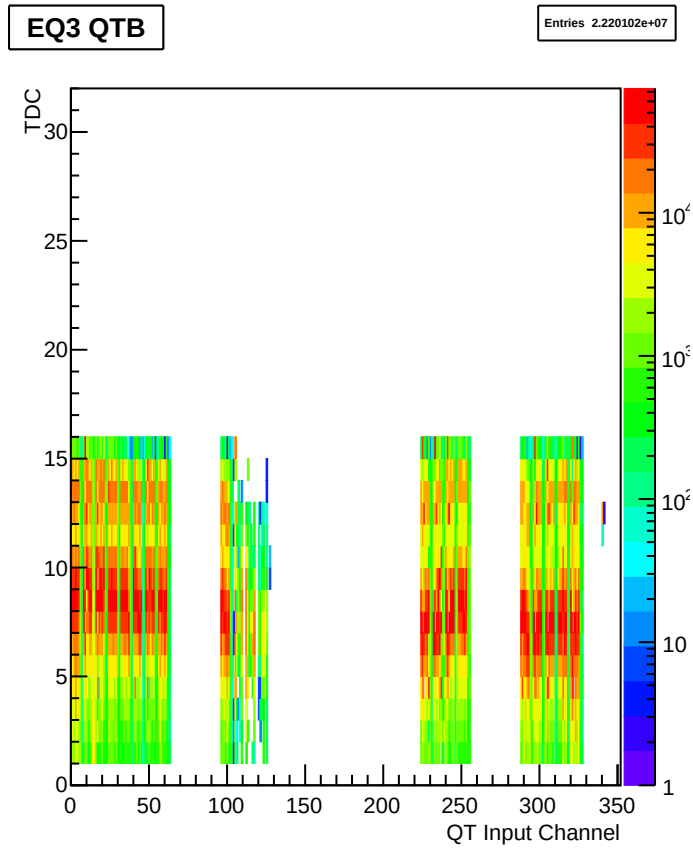

EQ2 QTB
Entries 8.11584e+07
ADC
QT Input Channel

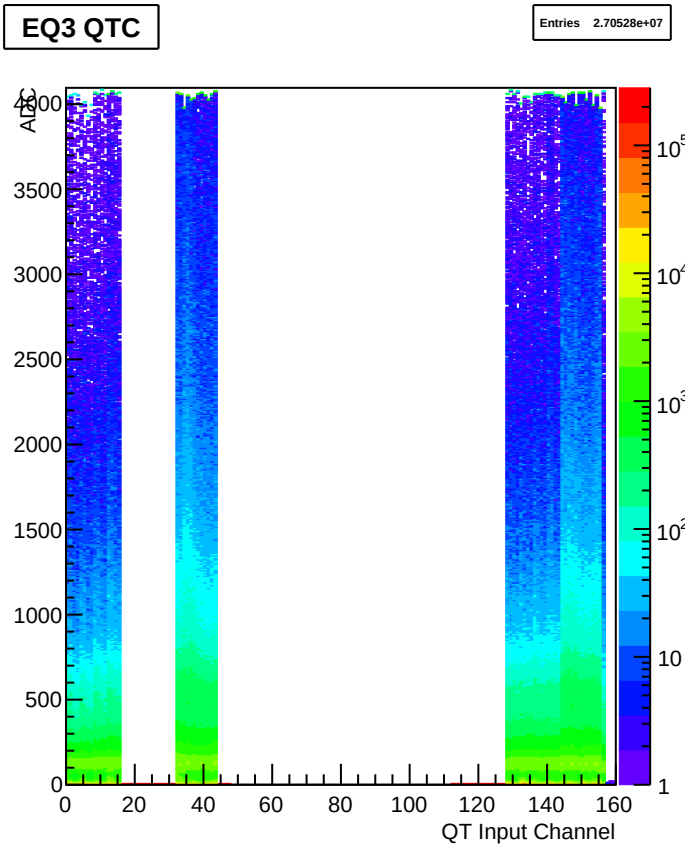

EQ2 QTB
Entries 2.787944e+07
TDC
QT Input Channel

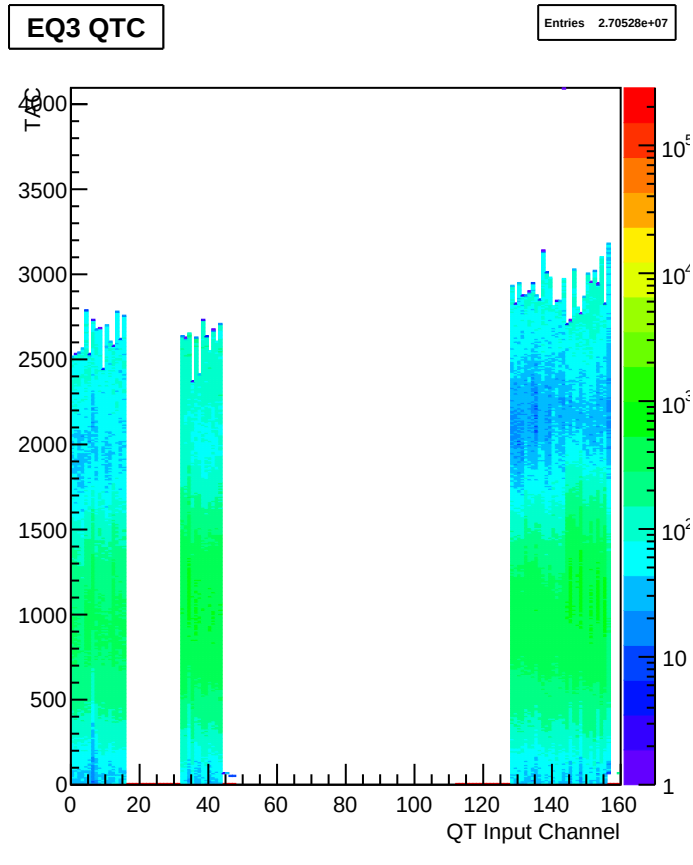

EQ2 QTC
Entries 2.70528e+07
ADC
QT Input Channel

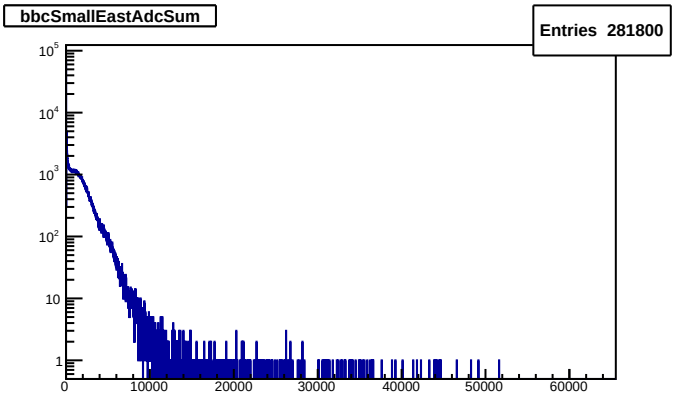

EQ2 QTC
Entries 2.70528e+07
TADC
QT Input Channel

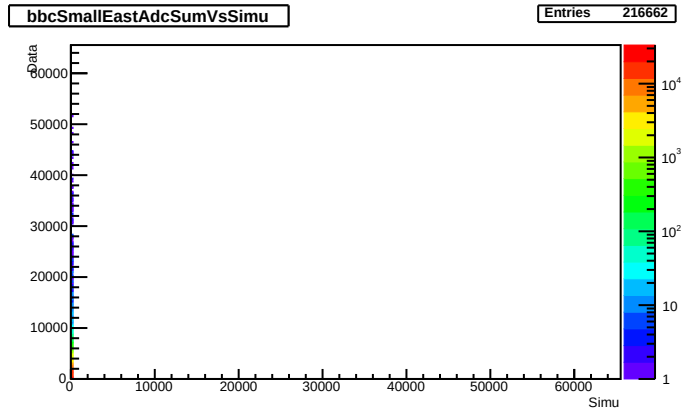

EQ3 QTB
Entries 7.21408e+07
ADC
QT Input Channel

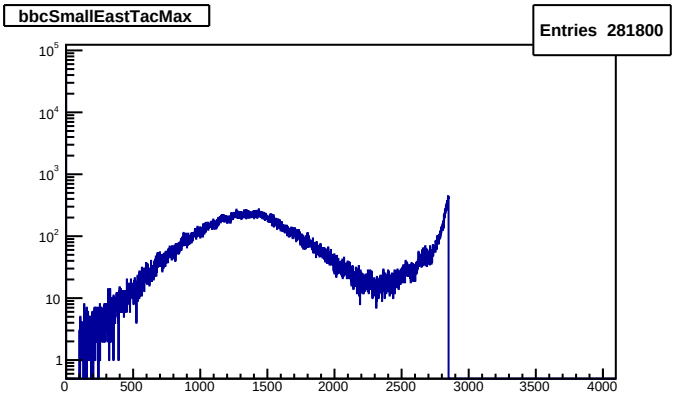

EQ3 QTB
Entries 2.220102e+07
TDC
QT Input Channel

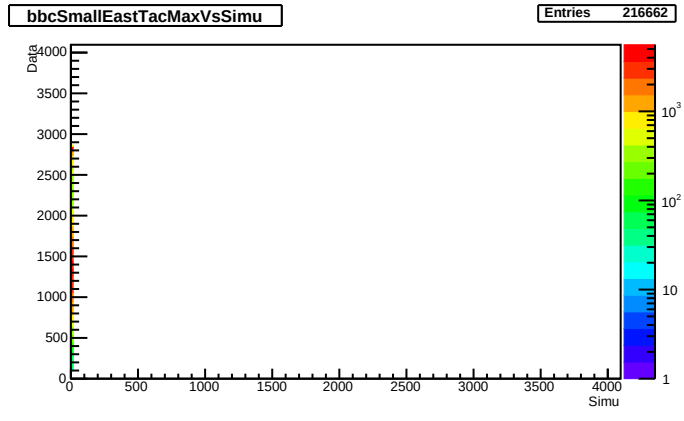

EQ3 QTC
Entries 2.70528e+07
ADC
QT Input Channel

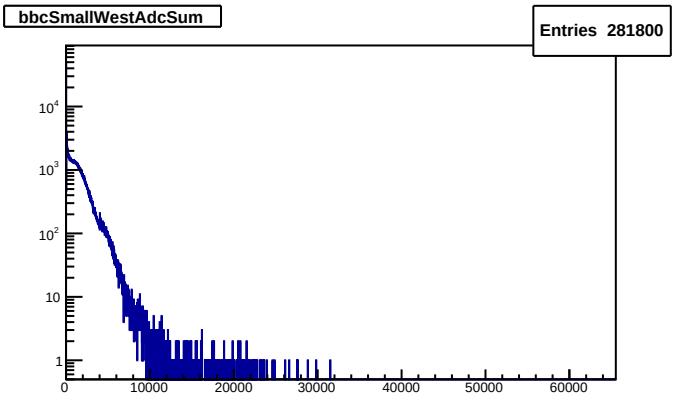

EQ3 QTC
Entries 2.70528e+07
TADC
QT Input Channel

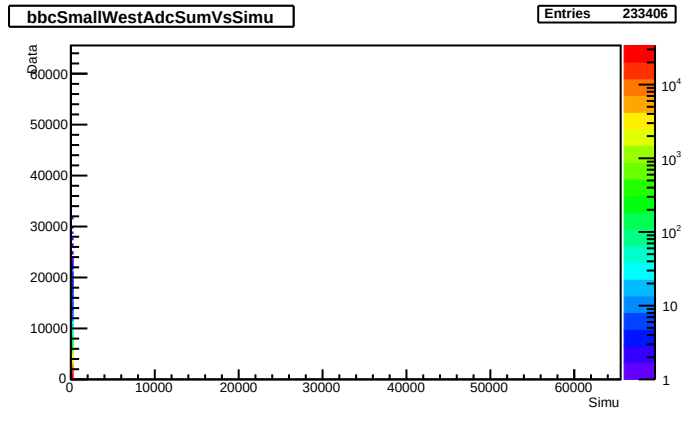

bbcSmallEastAdcSum
Entries 281800

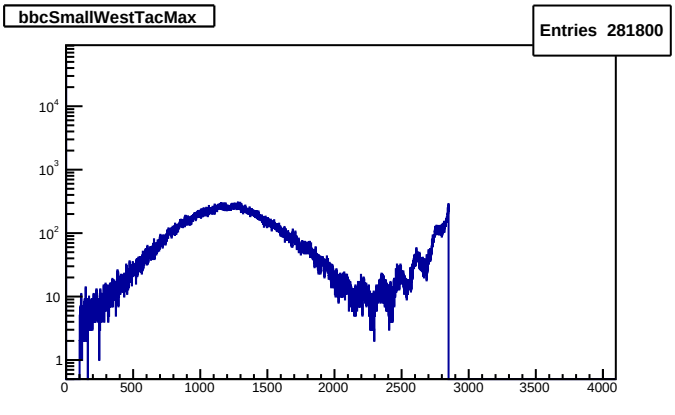

bbcSmallEastAdcSumVsSimu
Entries 216662
Data
Simu

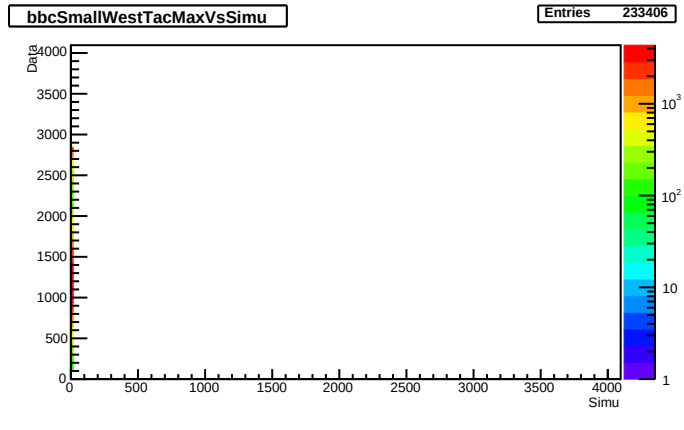

bbcSmallEastTacMax
Entries 281800

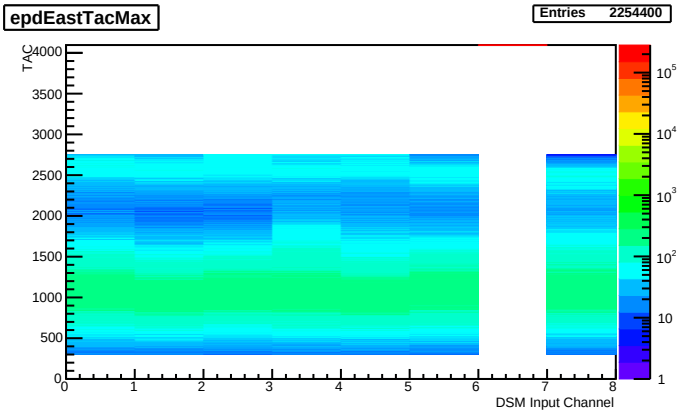

bbcSmallEastTacMaxVsSimu
Entries 216662
Data
Simu

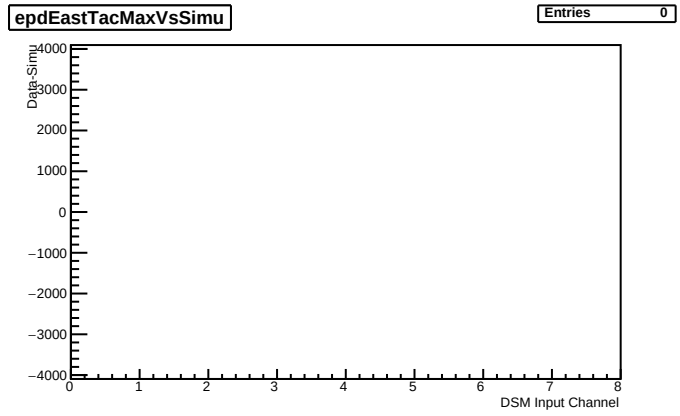

bbcSmallWestAdcSum
Entries 281800

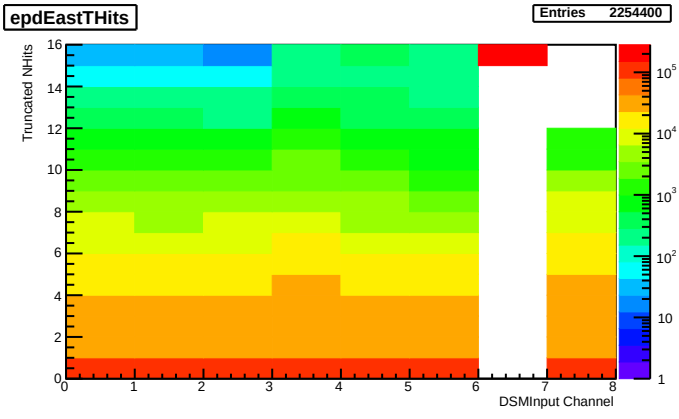

bbcSmallWestAdcSumVsSimu
Entries 233406
Data
Simu

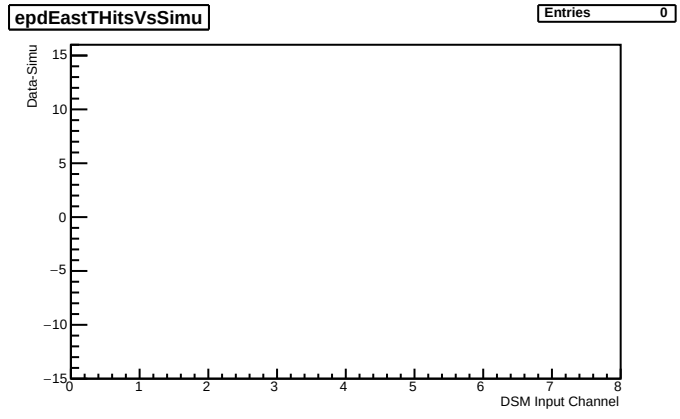

bbcSmallWestTacMax
Entries 281800

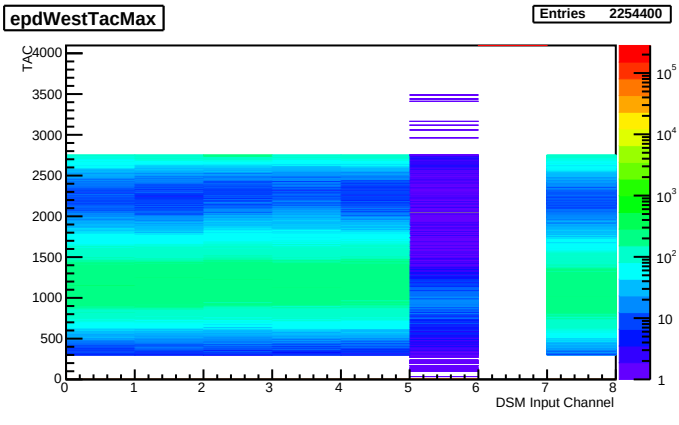

bbcSmallWestTacMaxVsSimu
Entries 233406
Data
Simu

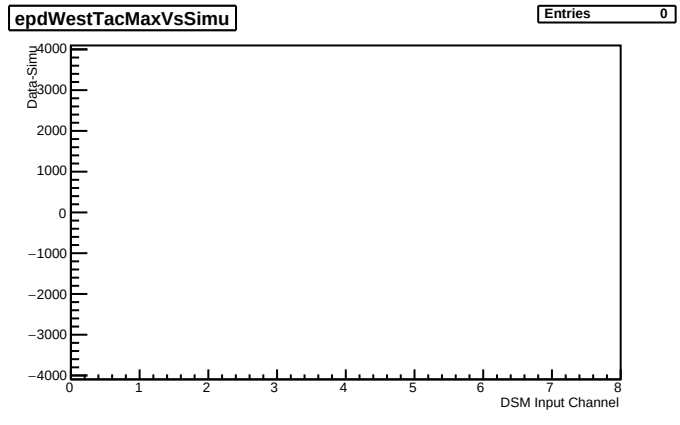

epdEastTacMax
Entries 2254400
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2254400
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2254400
TAC
DSM Input Channel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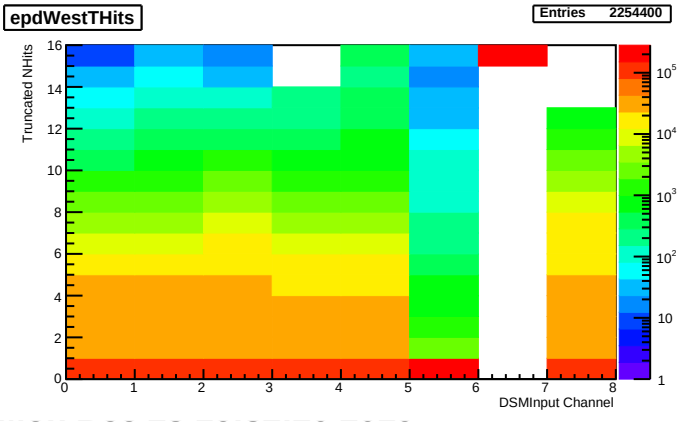
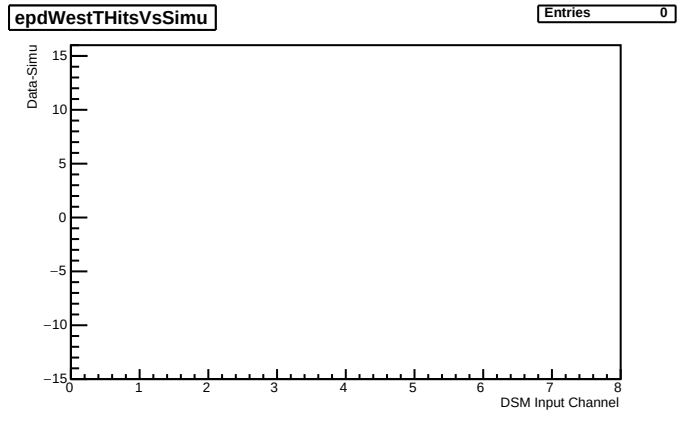
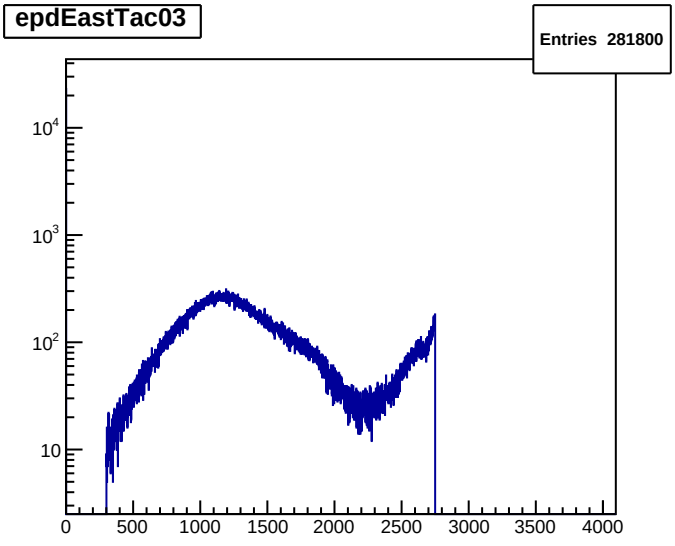
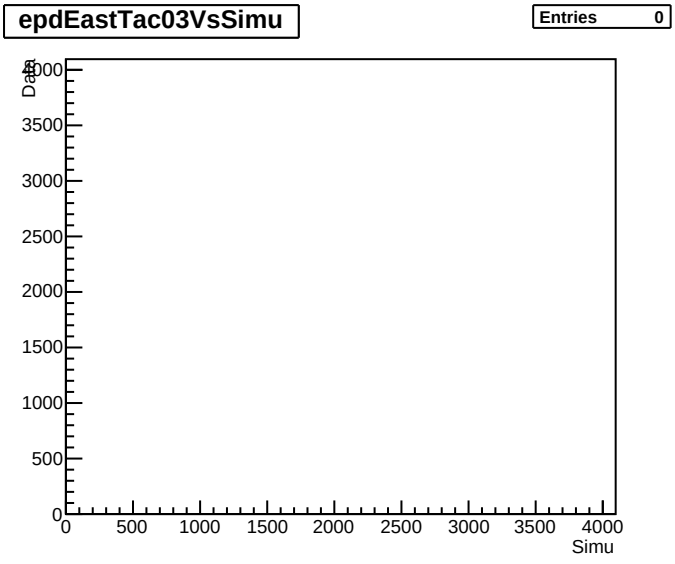
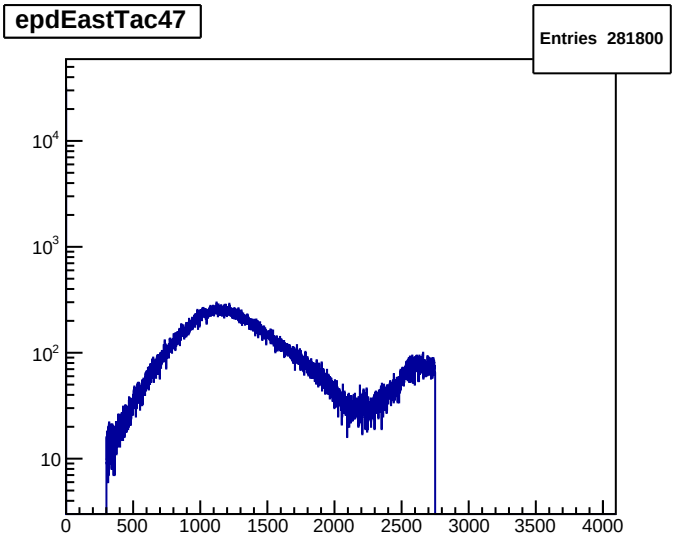
Entries 0
Data-Simu
DSM Input Channel

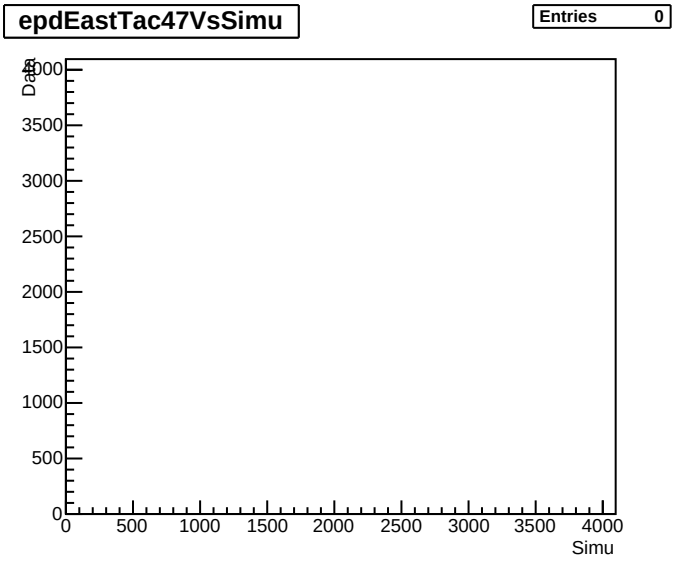

epdWestTHits
Entries 2254400
Truncated NHits
DSMInput Channel

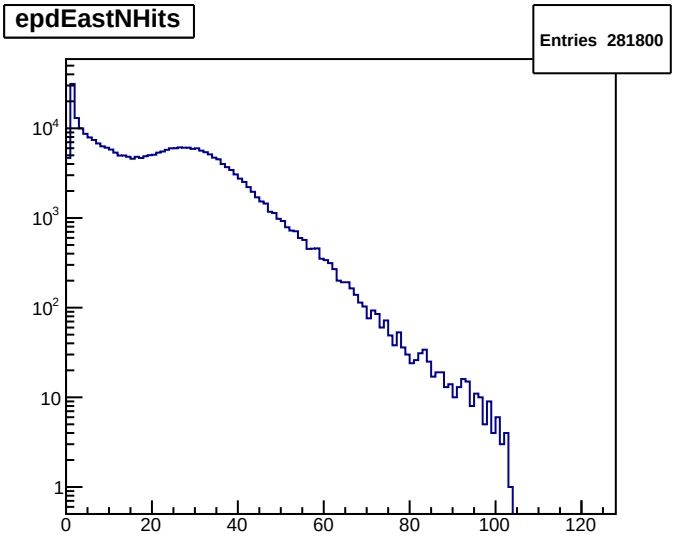

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

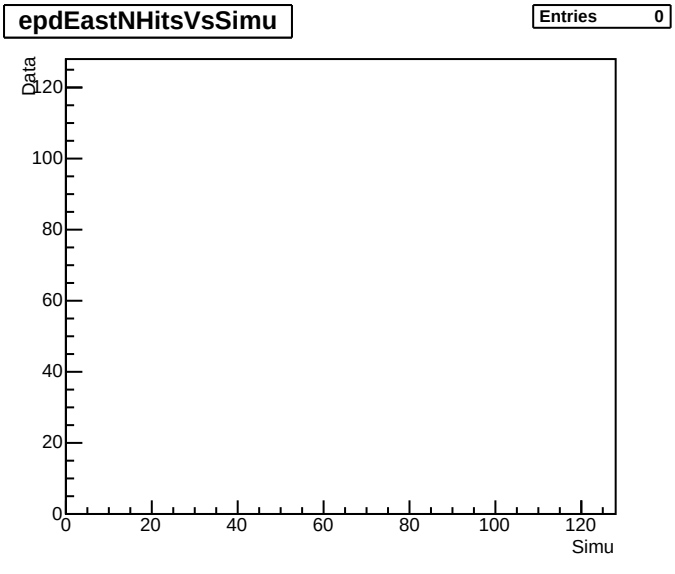

epdEastTac03
Entries 281800

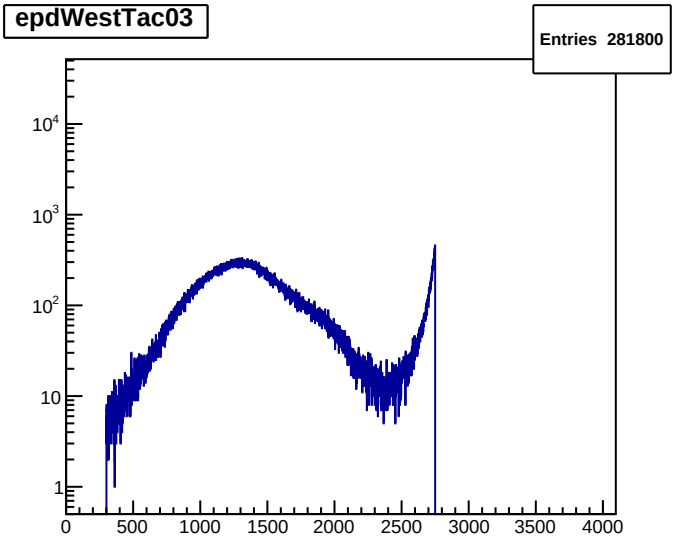

epdEastTac03VsSimu
Entries 0
Data
Simu

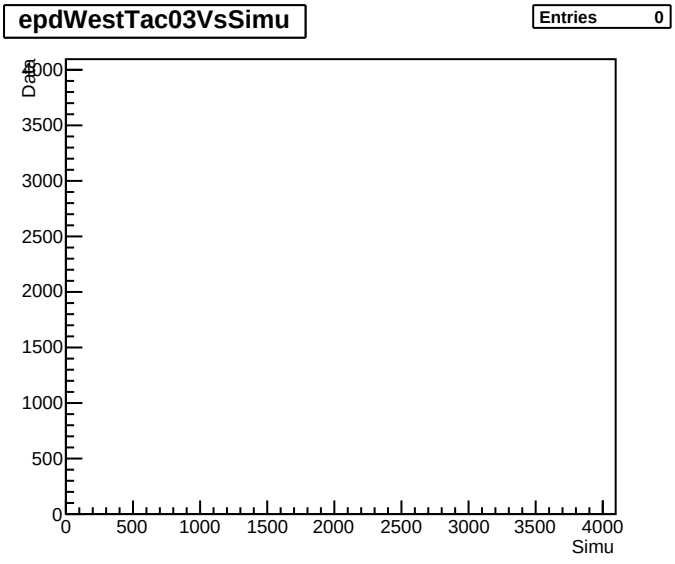

epdEastTac47
Entries 281800

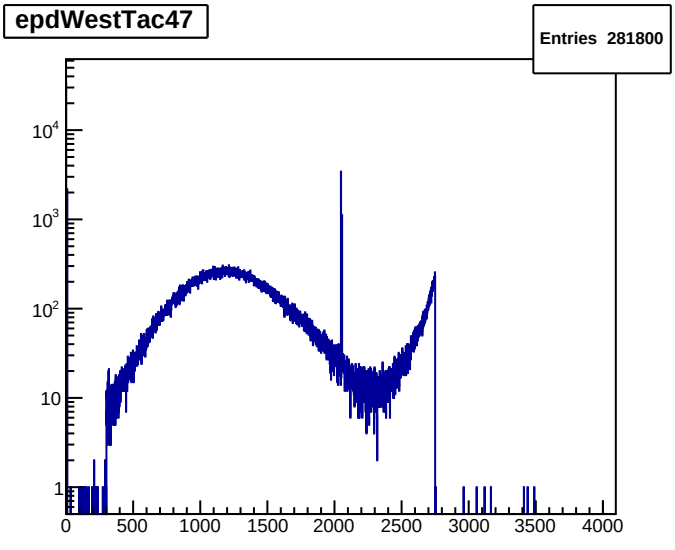

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 281800


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 281800


epdWestTac03VsSimu
Entries 0
Data
Simu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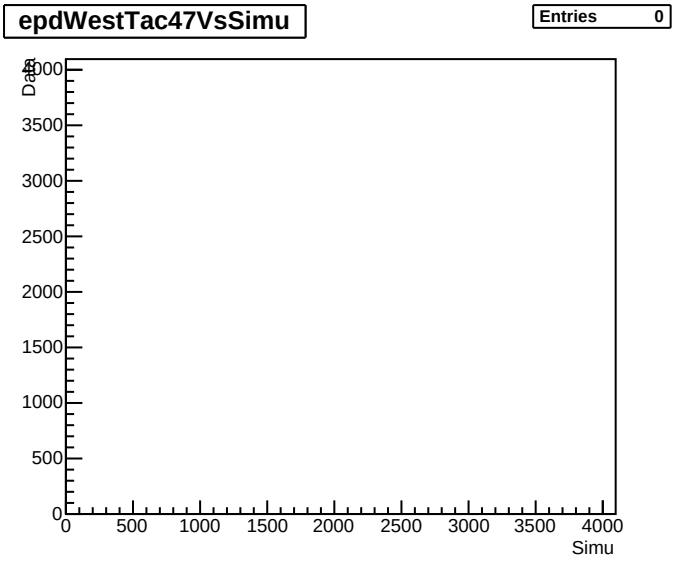
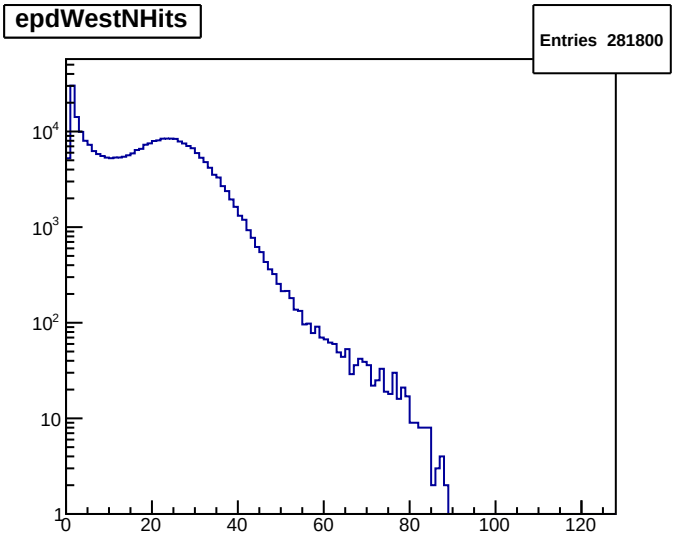
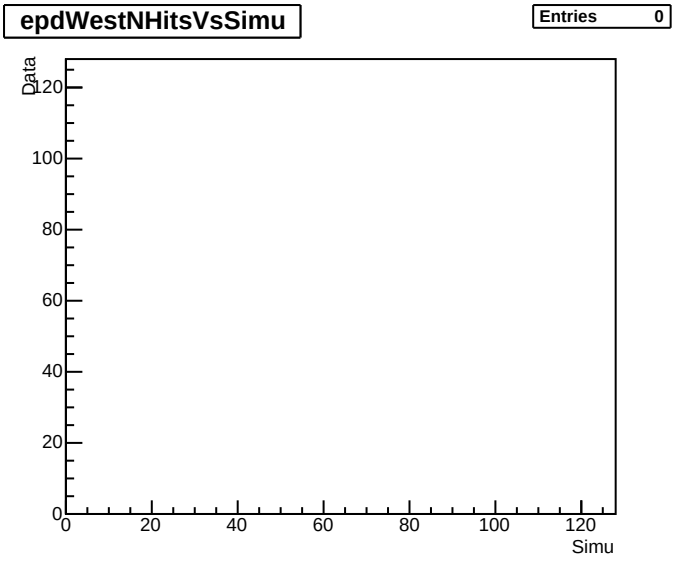
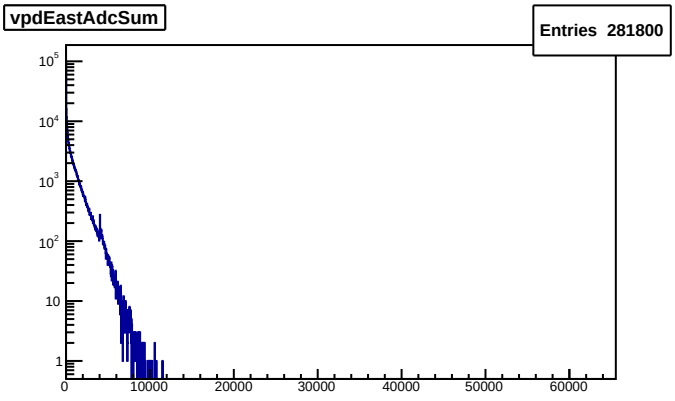
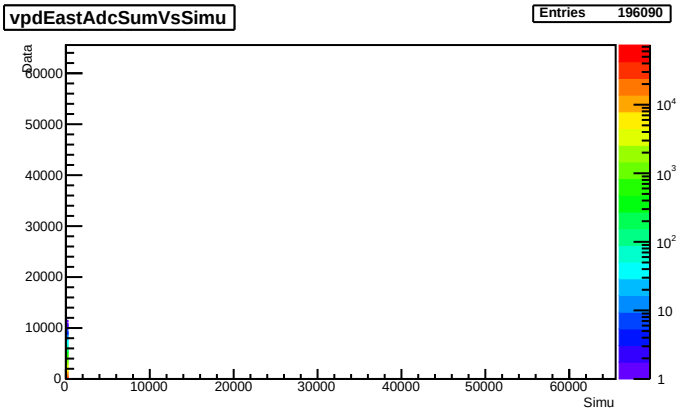
Entries 281800

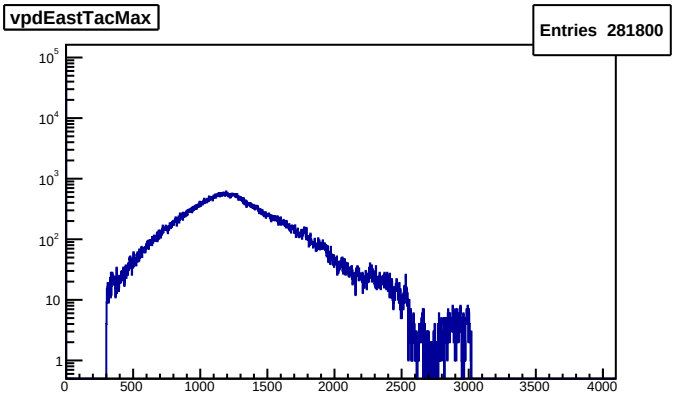

epdWestTac47VsSimu
Entries 0
Data
Simu

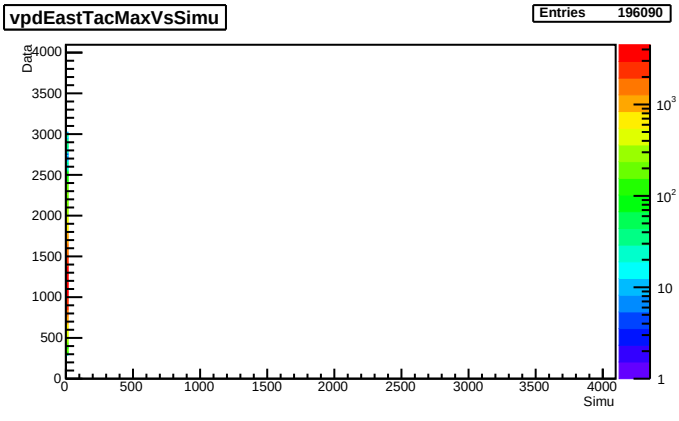

epdWestNHits
Entries 281800

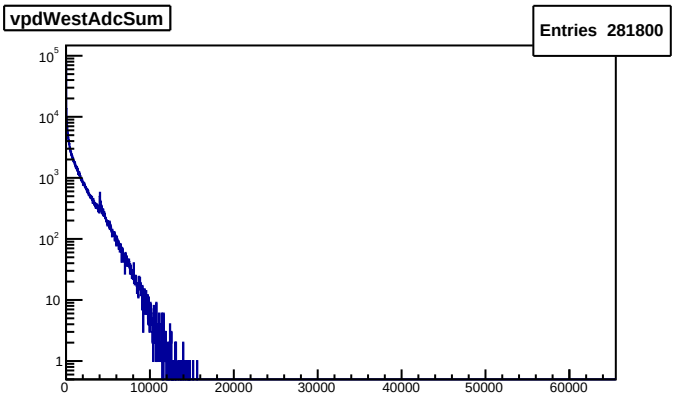

epdWestNHitsVsSimu
Entries 0
Data
Simu

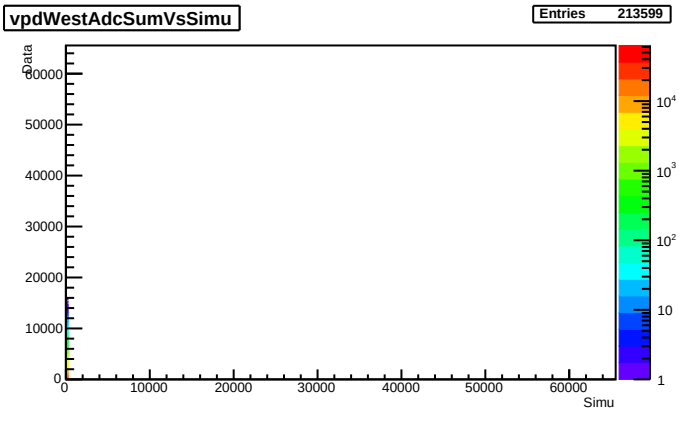

vpdEastAdcSum
Entries 281800

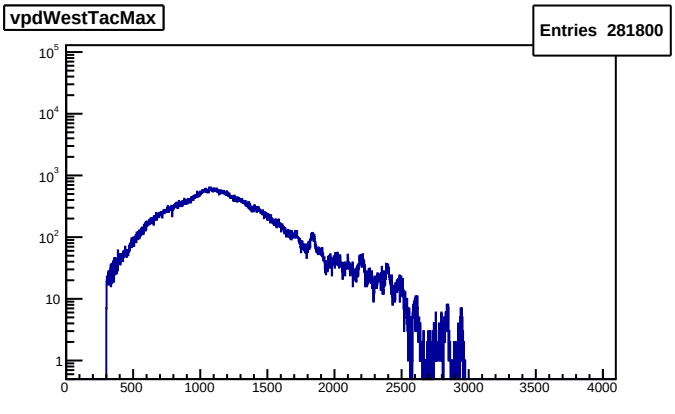

vpdEastAdcSumVsSimu
Entries 196090
Data
Simu

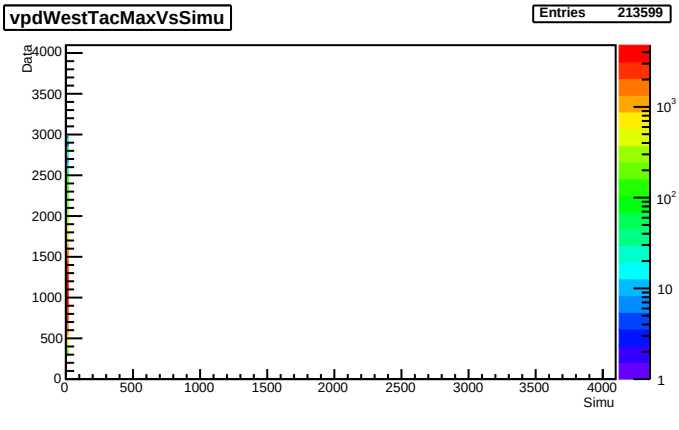

vpdEastTacMax
Entries 281800

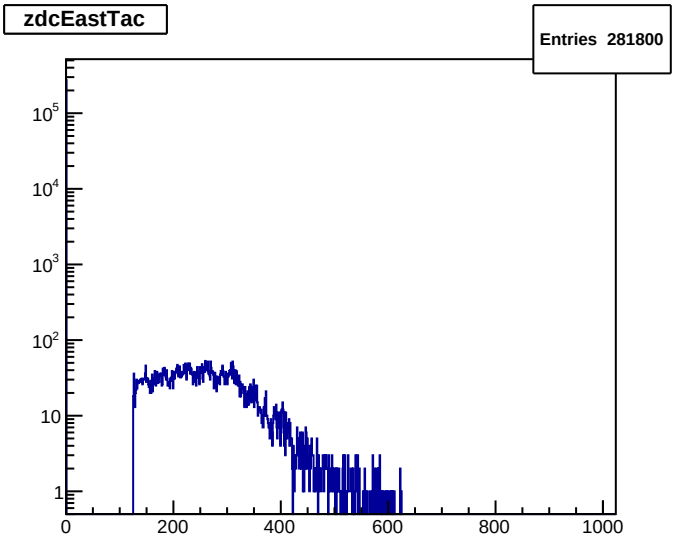

vpdEastTacMaxVsSimu
Entries 196090
Data
Simu

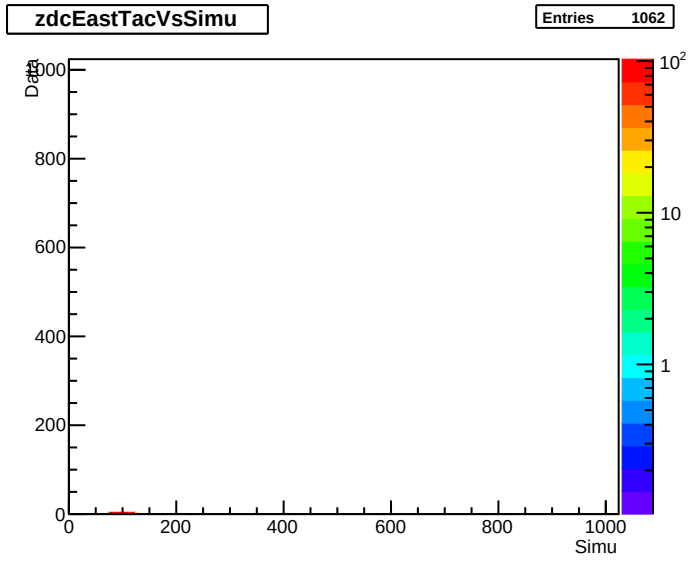

vpdWestAdcSum
Entries 281800

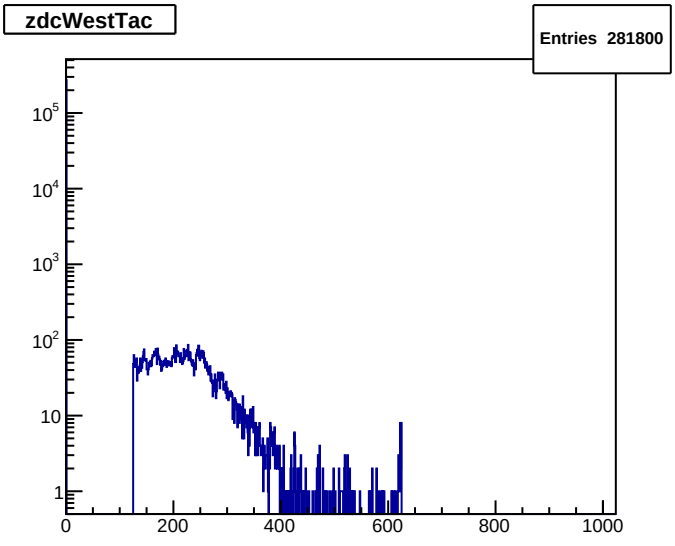

vpdWestAdcSumVsSimu
Entries 213599
Data
Simu

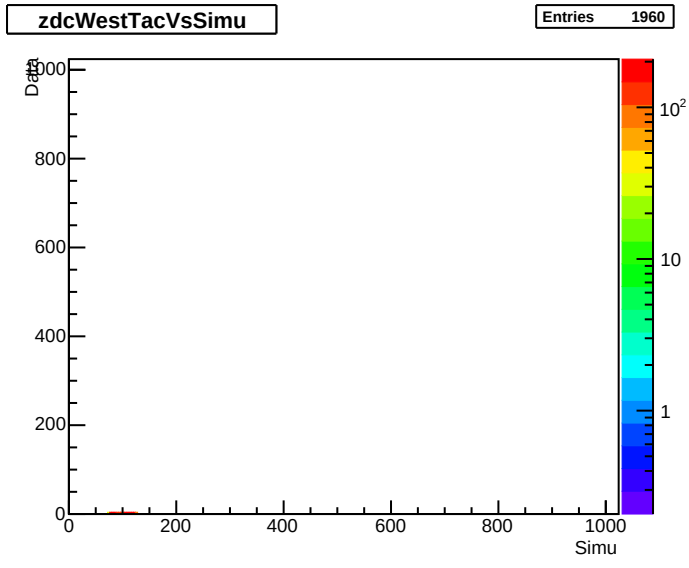

vpdWestTacMax
Entries 281800

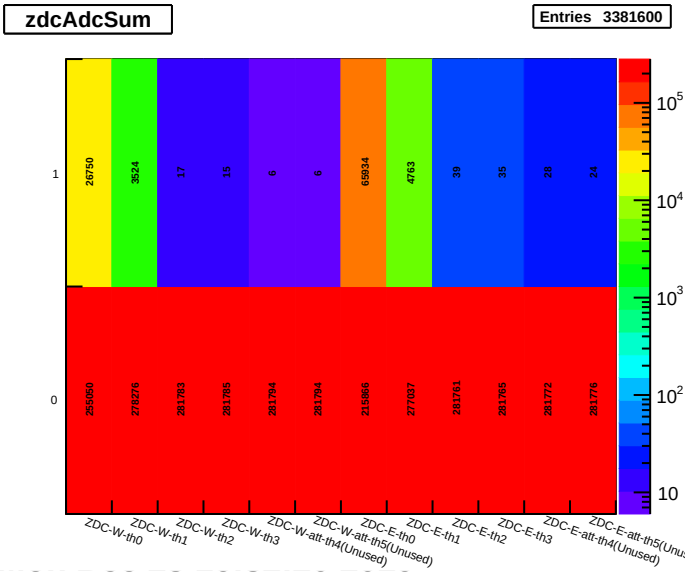

vpdWestTacMaxVsSimu
Entries 213599
Data
Simu

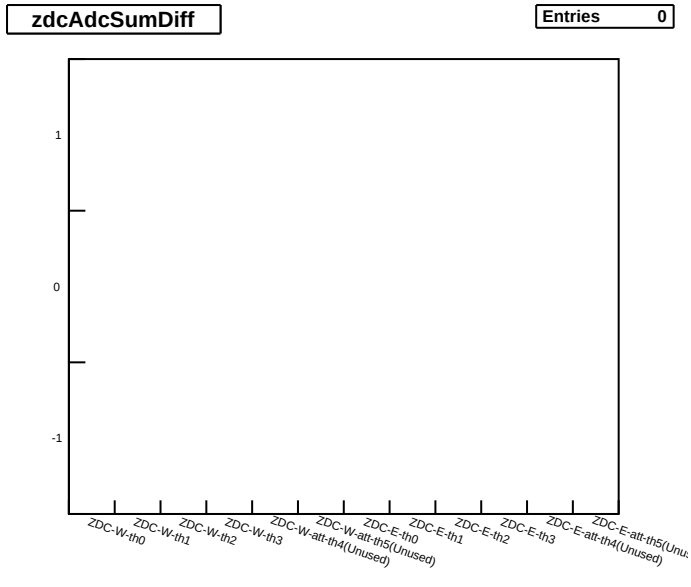

zdcEastTac
Entries 281800

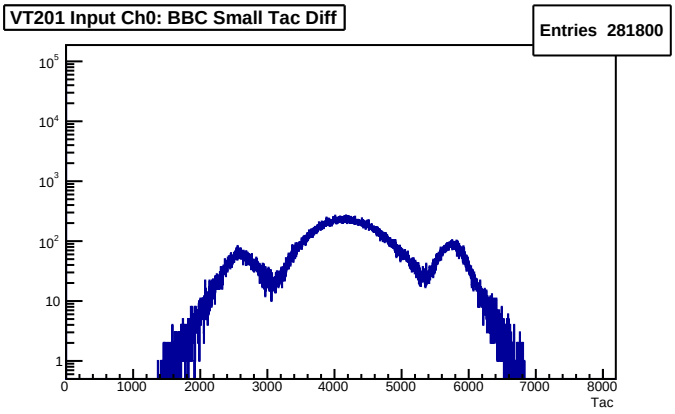

zdcEastTacVsSimu
Entries 1062
Data
Simu

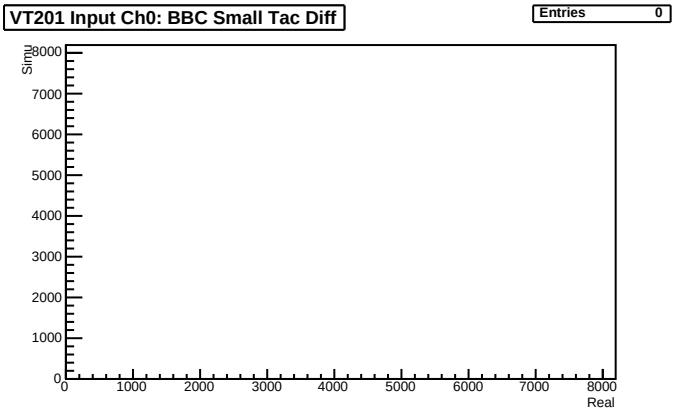

zdcWestTac
Entries 281800

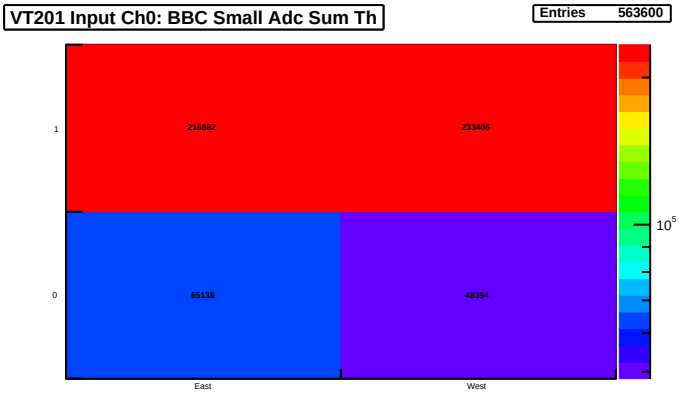

zdcWestTacVsSimu
Entries 1960
Data
Simu

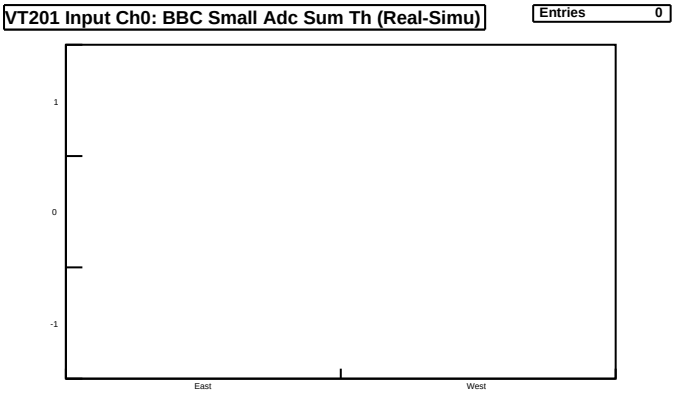

zdcAdcSum
Entries 3381600
26750
3524
17
15
6
6
65934
4763
39
35
28
24
255680
278276
281783
281785
281794
281794
215866
277037
281761
281765
281772
281776
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

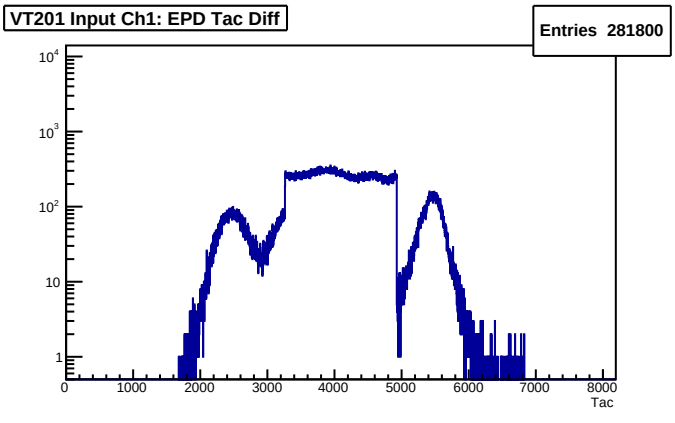

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

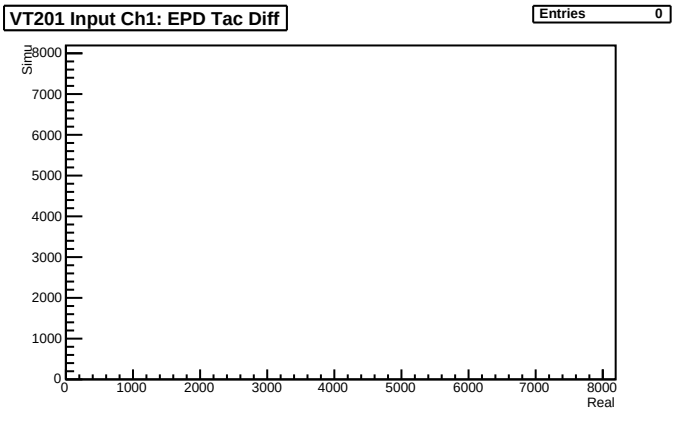

VT201 Input Ch0: BBC Small Tac Diff
Entries 281800
Tac

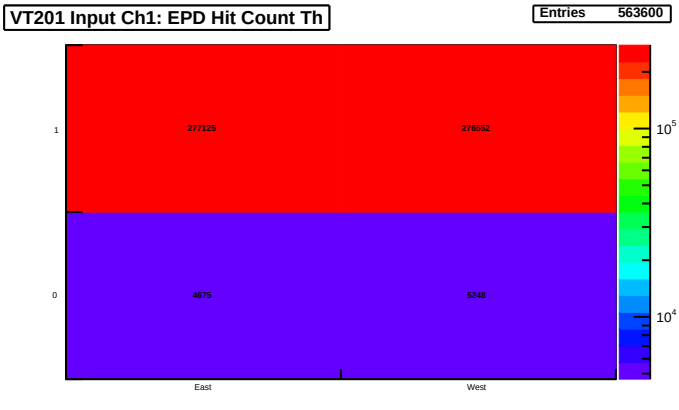

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

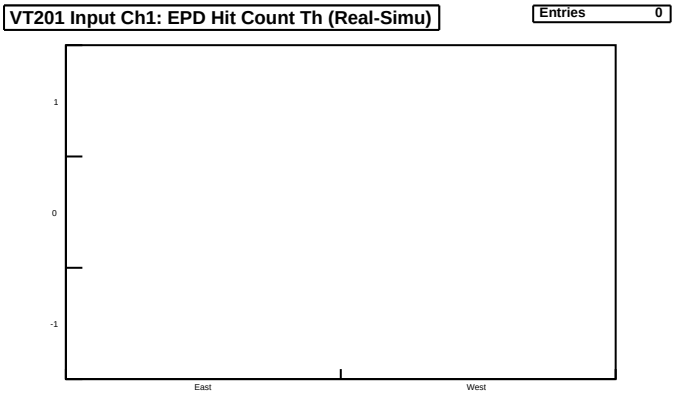

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 563600
216662
233406
65138
48394
East
West

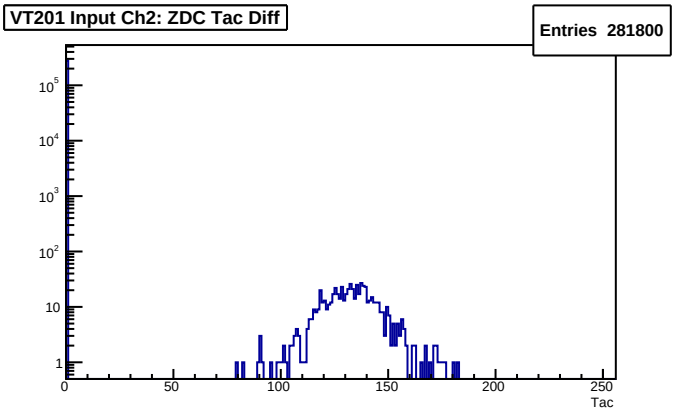

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

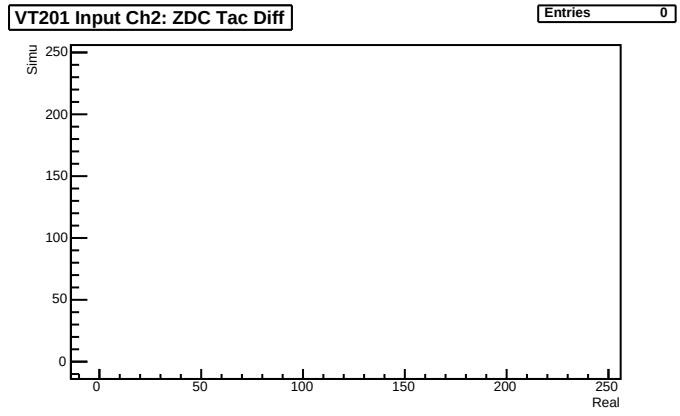

VT201 Input Ch1: EPD Tac Diff
Entries 281800
Tac

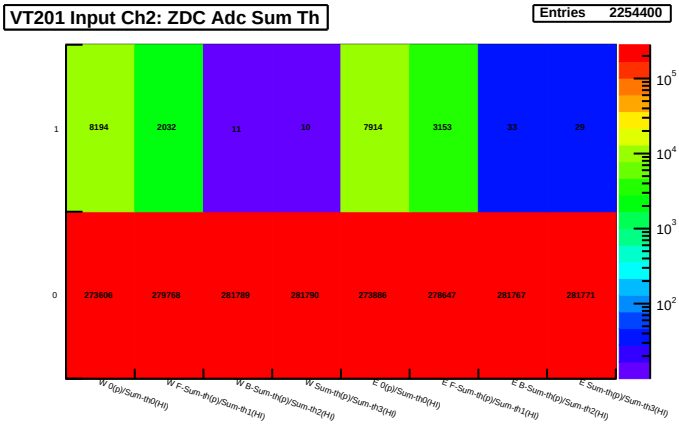

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

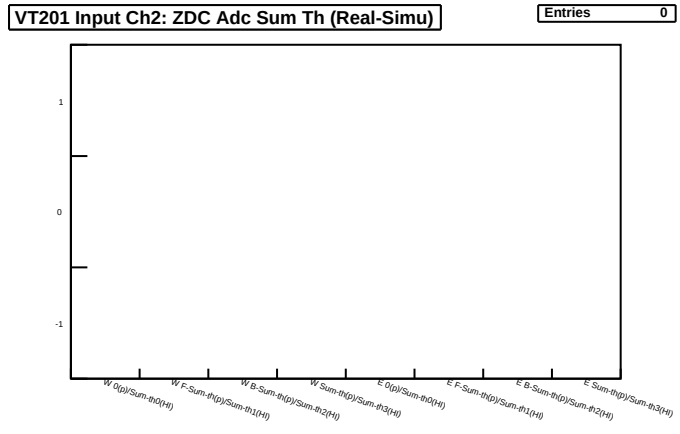

VT201 Input Ch1: EPD Hit Count Th
Entries 563600
277125
276552
4675
5248
East
West

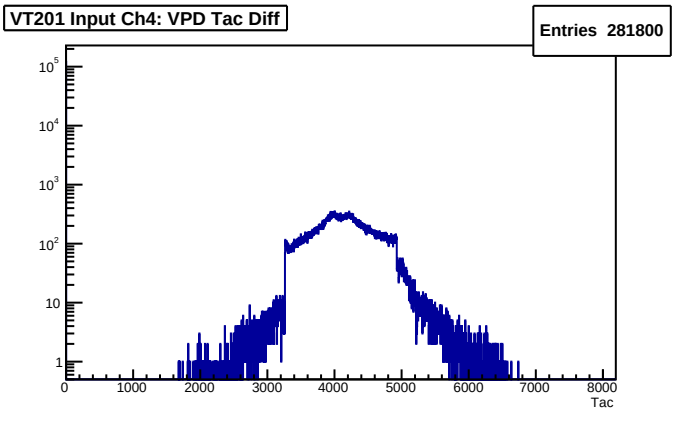

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

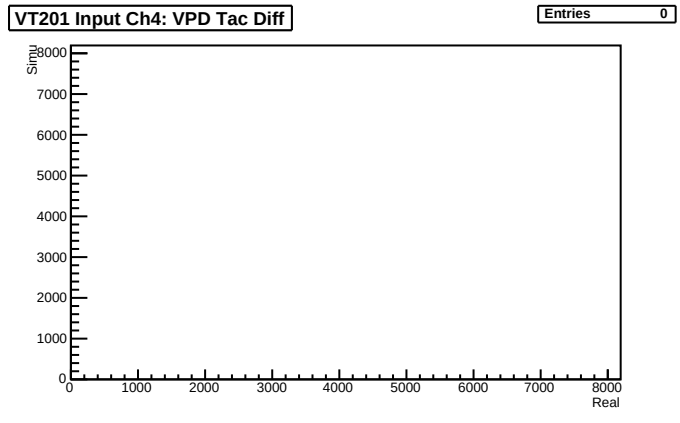

VT201 Input Ch2: ZDC Tac Diff
Entries 281800
Tac

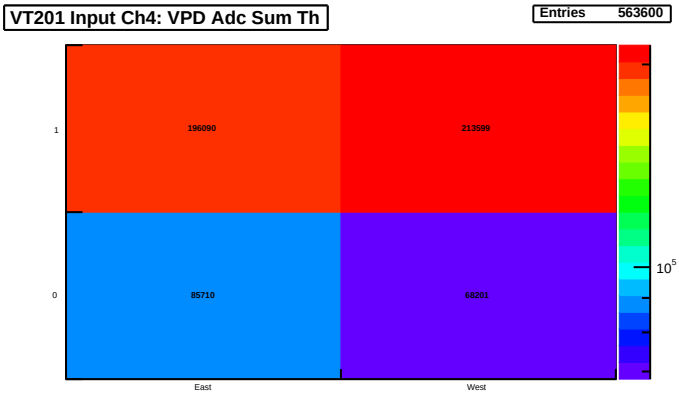

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

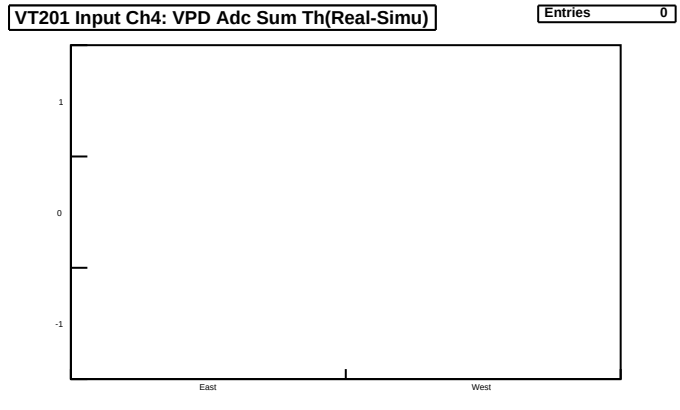

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2254400
8194
2032
11
10
7914
3153
33
29
273606
279768
281789
281790
273886
278647
281767
281771
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

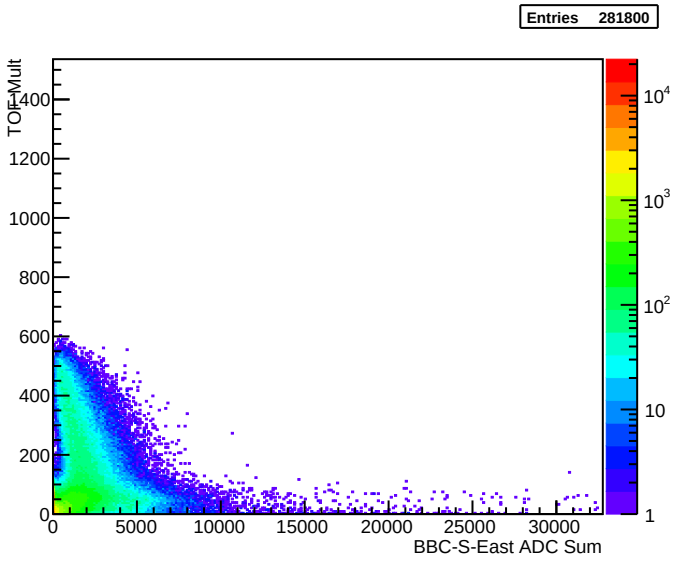

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

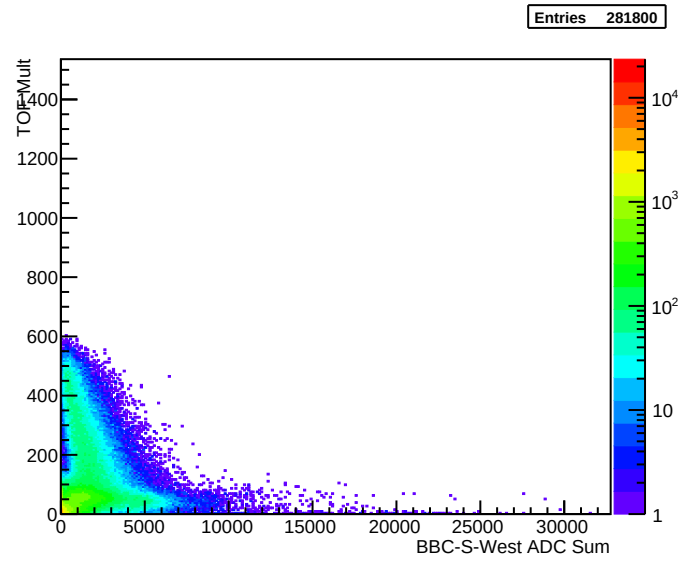

VT201 Input Ch4: VPD Tac Diff
Entries 281800
Tac

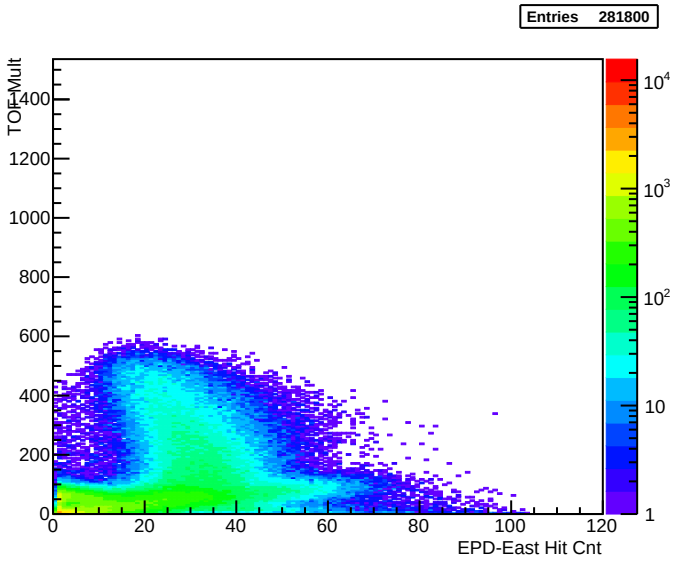

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

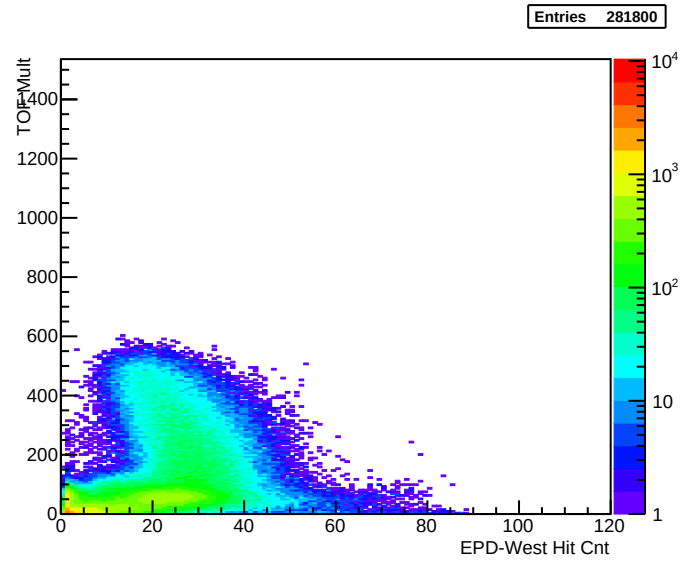

VT201 Input Ch4: VPD Adc Sum Th
Entries 563600
196090
213599
85710
68201
East
West

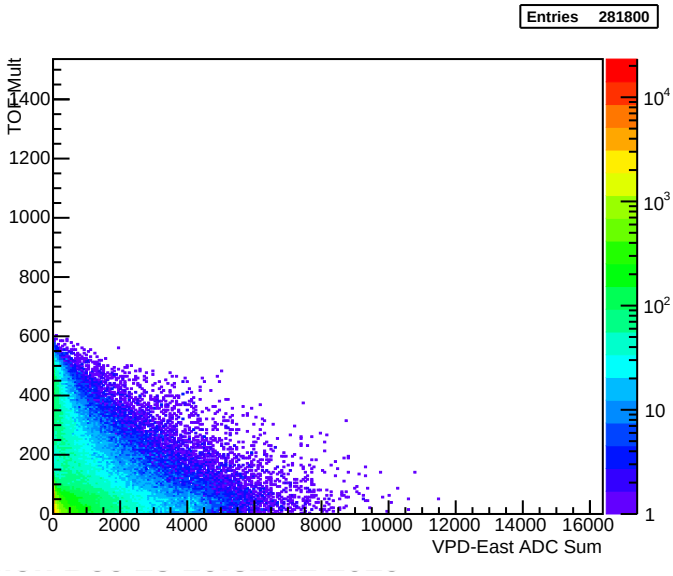

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

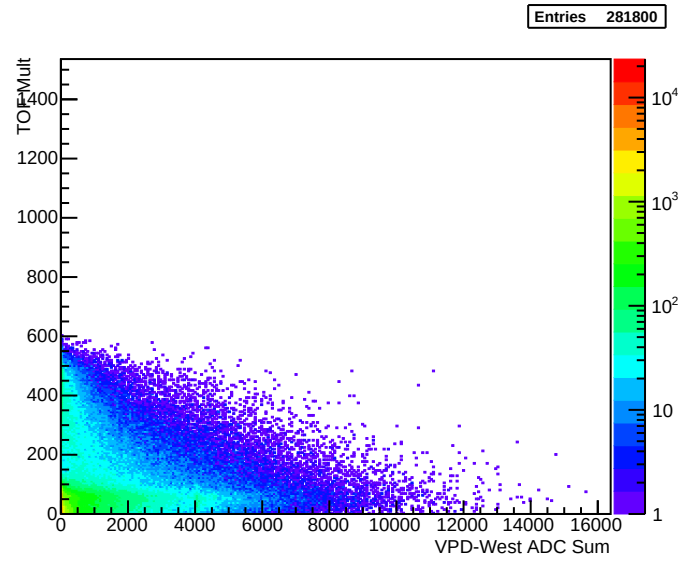

Entries 281800
TOF-Mult
BBC-S-East ADC Sum

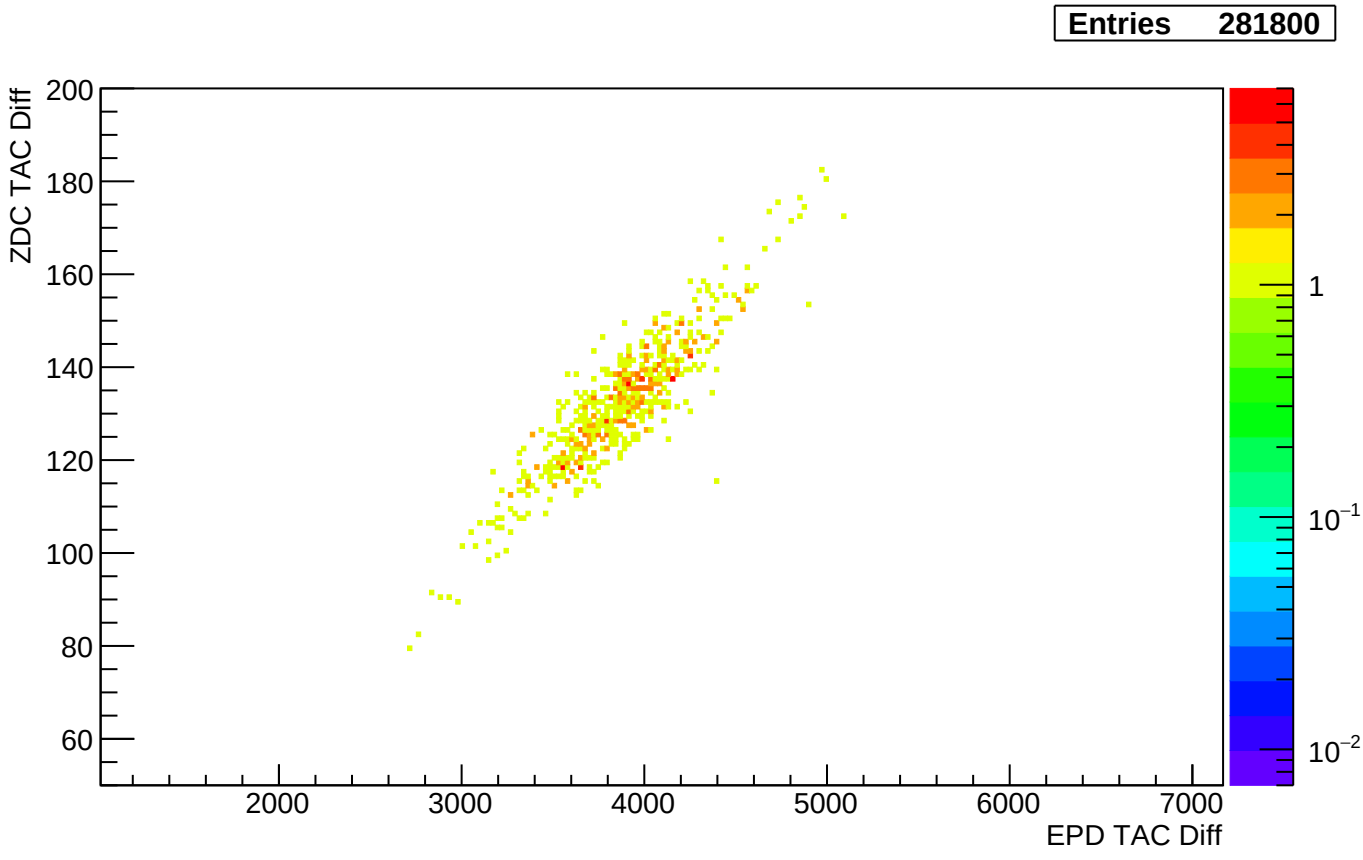

Entries 281800
TOF-Mult
BBC-S-West ADC Sum

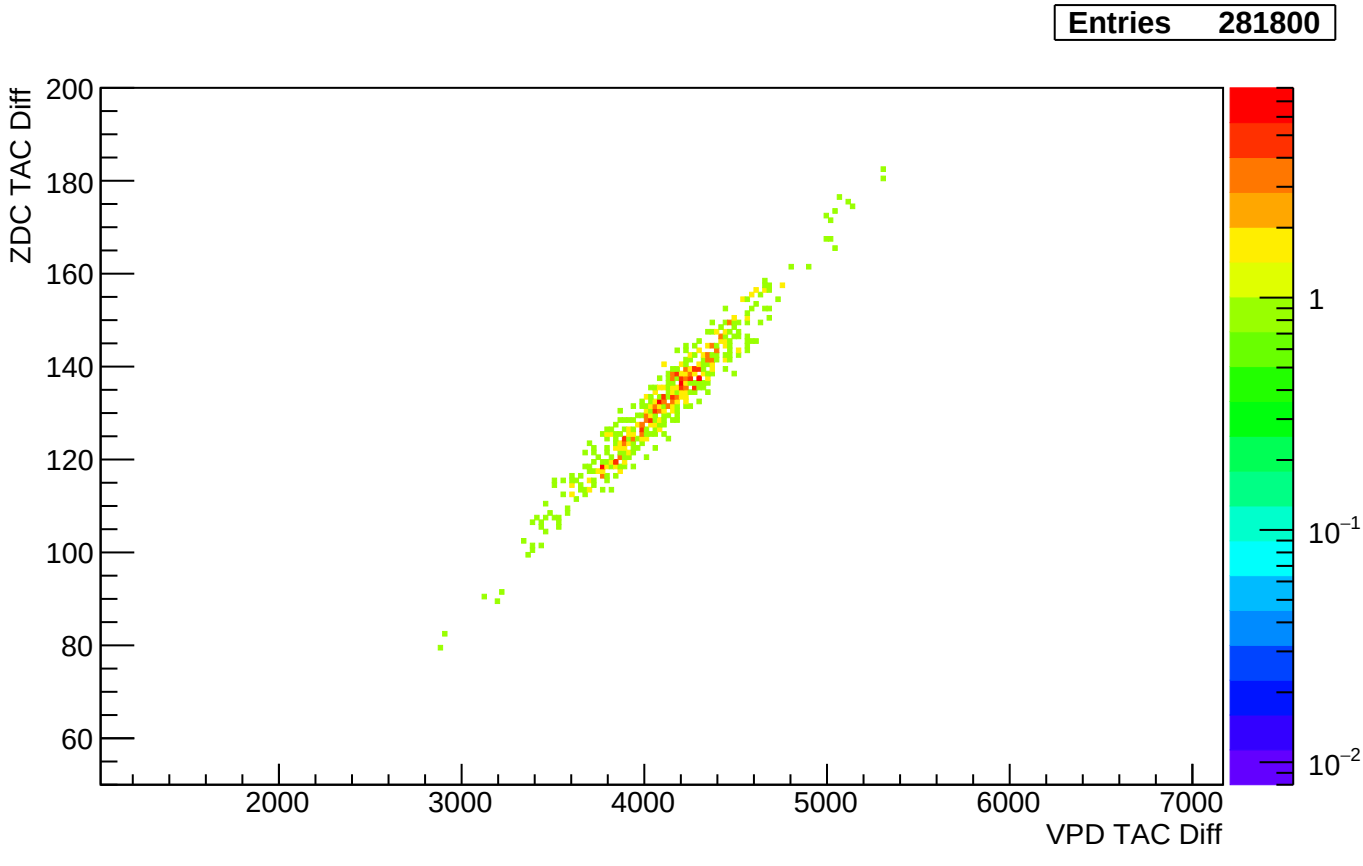

Entries 281800
TOF-Mult
EPD-East Hit Cnt

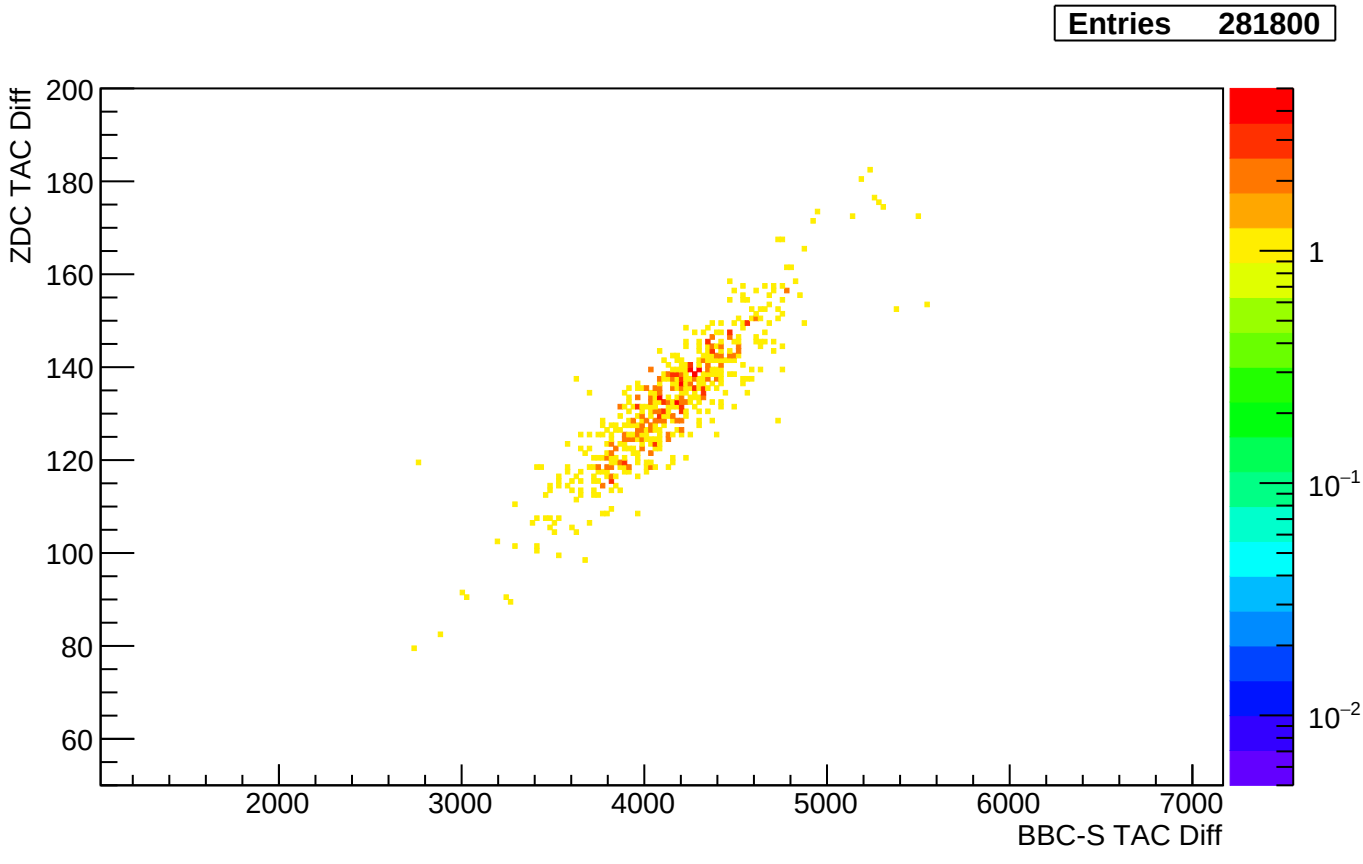

Entries 281800
TOF-Mult
EPD-West Hit Cnt

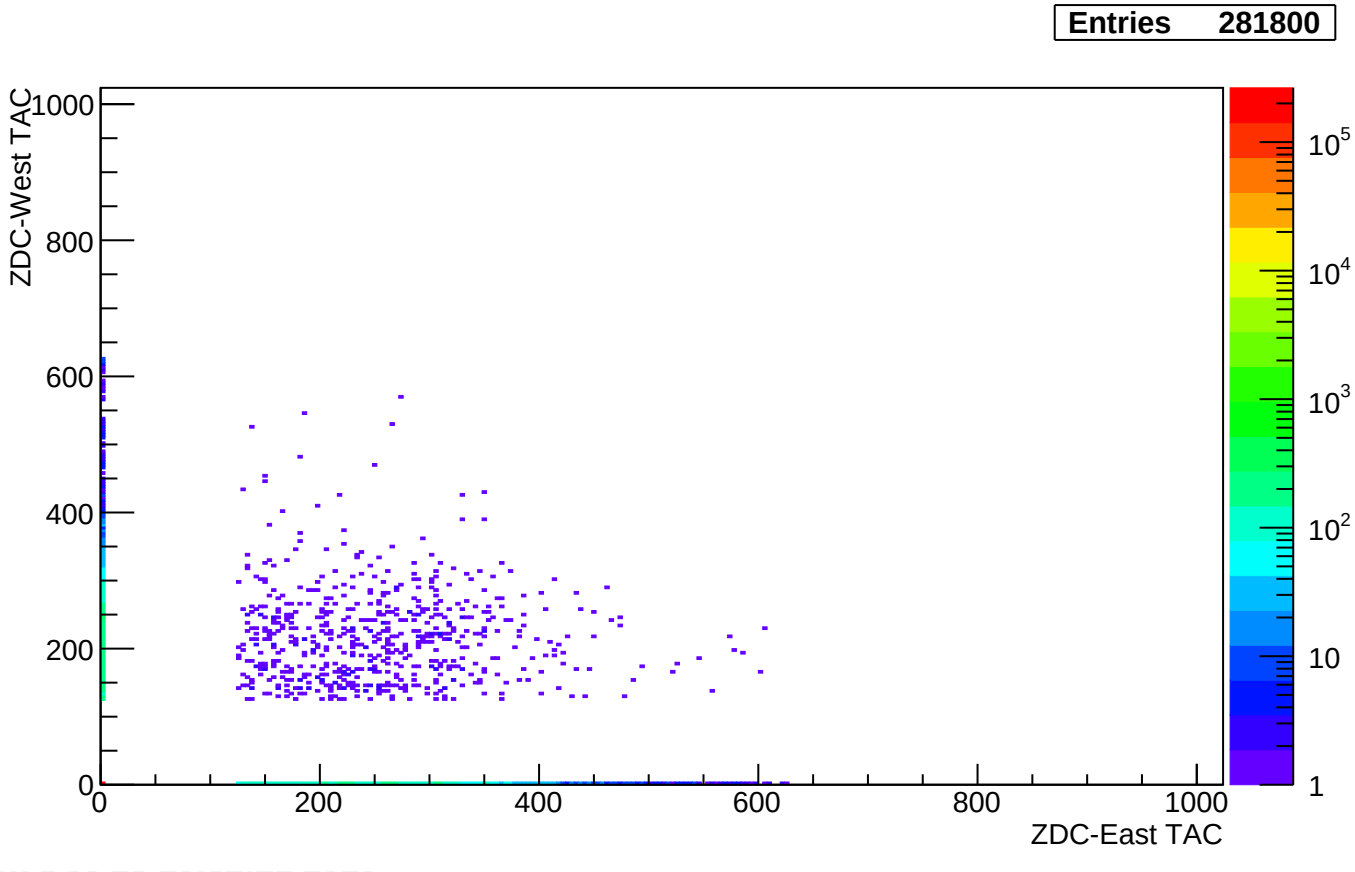

Entries 281800
TOF-Mult
VPD-East ADC Sum

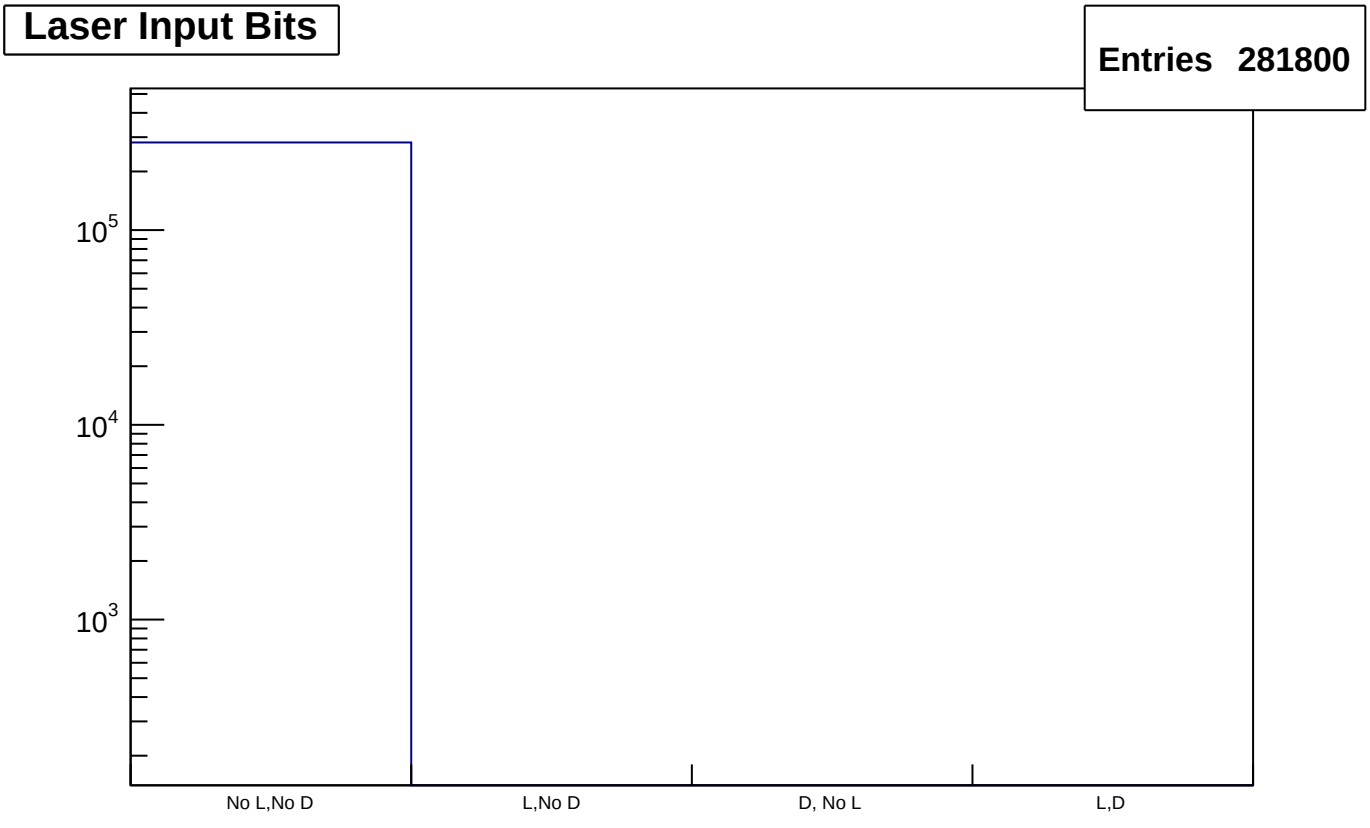

Entries 281800
TOF-Mult
VPD-West ADC Sum

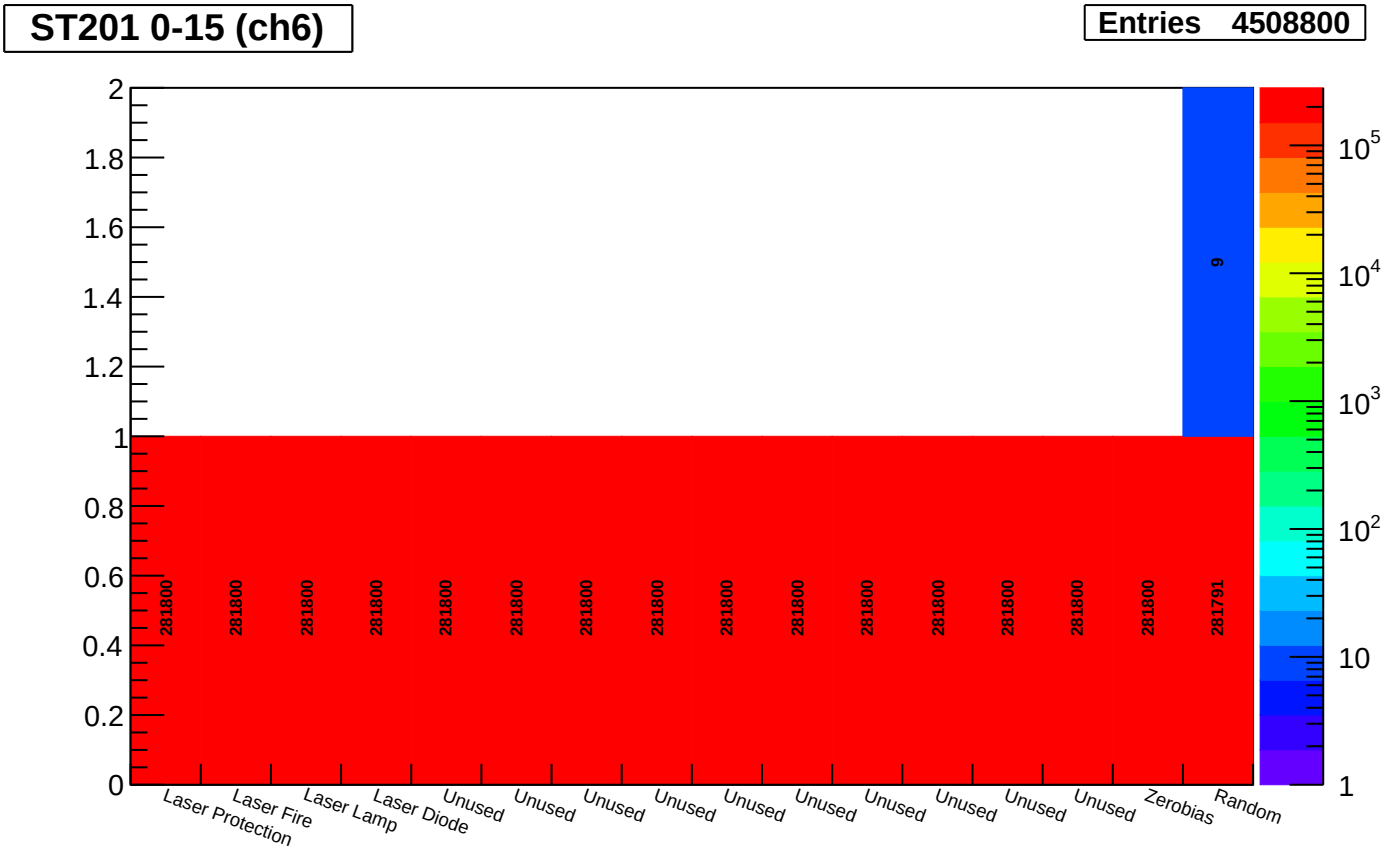

Entries 281800
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

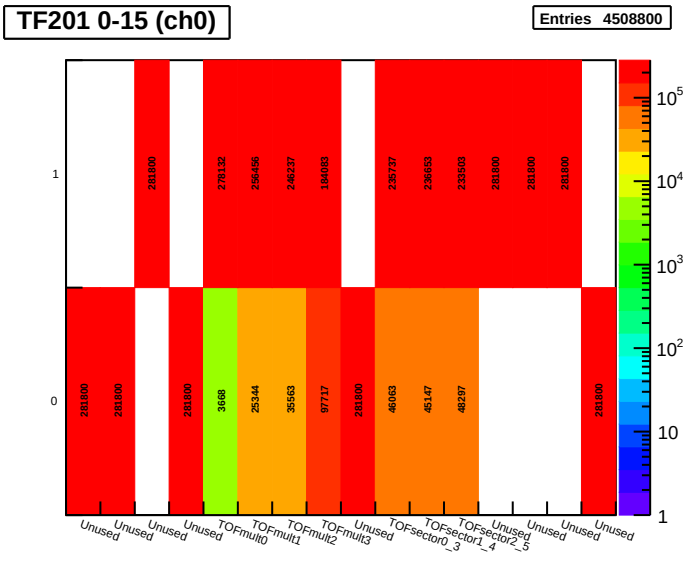

Entries 281800
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

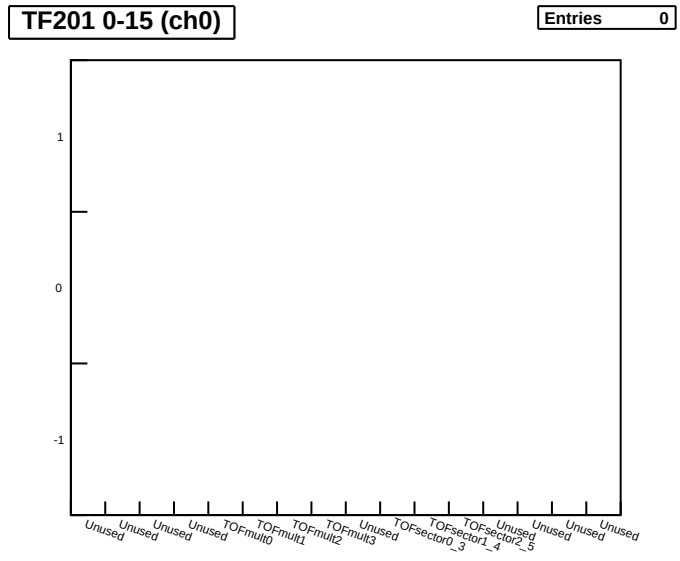

Entries 281800
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

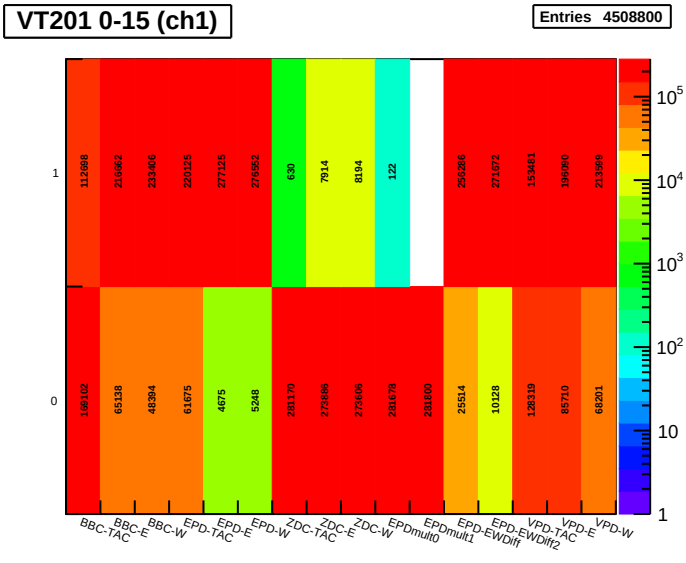

Entries 281800
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

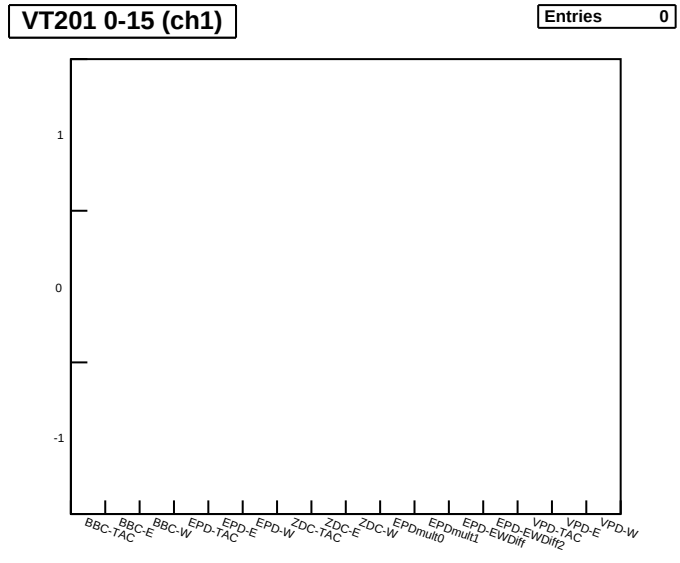

Laser Input Bits
Entries 281800
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

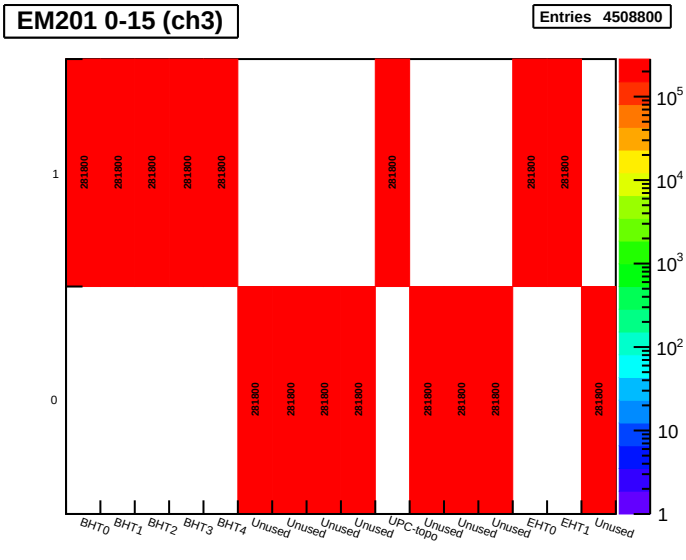

ST201 0-15 (ch6)
Entries 4508800
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
281800
281791
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

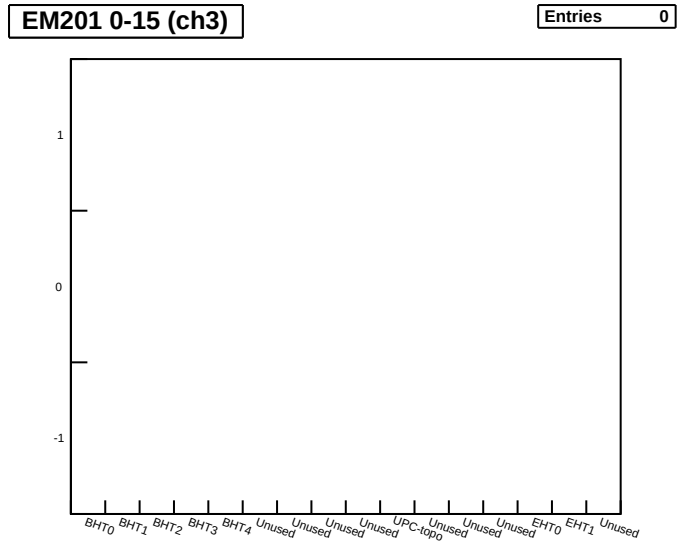

TF201 0-15 (ch0)
Entries 4508800
1
0
281800
281800
281800
281800
278132
256456
246237
184083
281800
3668
25344
35563
97717
281800
235737
236653
233503
281800
281800
281800
281800
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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 4508800
1
0
112698
216652
233406
220125
277125
276552
630
7914
8194
122
256256
271672
153481
196090
213599
169102
65138
48394
61675
4675
5248
281170
273886
273606
281678
281890
25514
10128
128319
85710
68201
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 4508800
1
0
281800
281800
281800
281800
281800
281800
281800
281800
281800
281800
281800
281800
281800
281800
281800
281800
281800
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