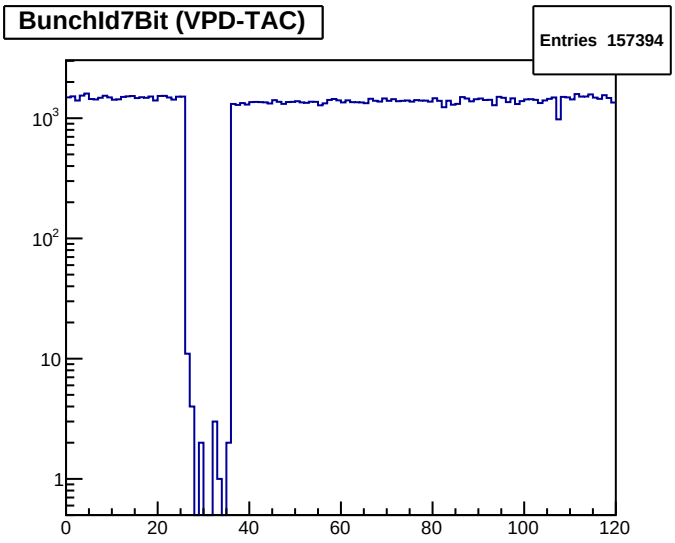
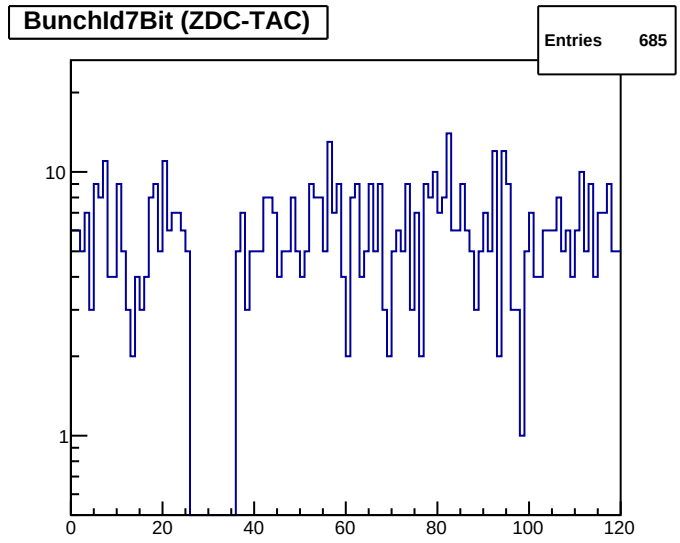
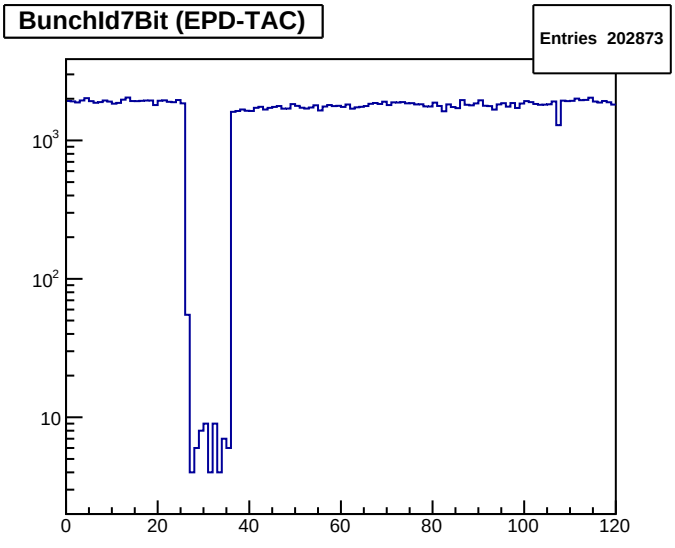
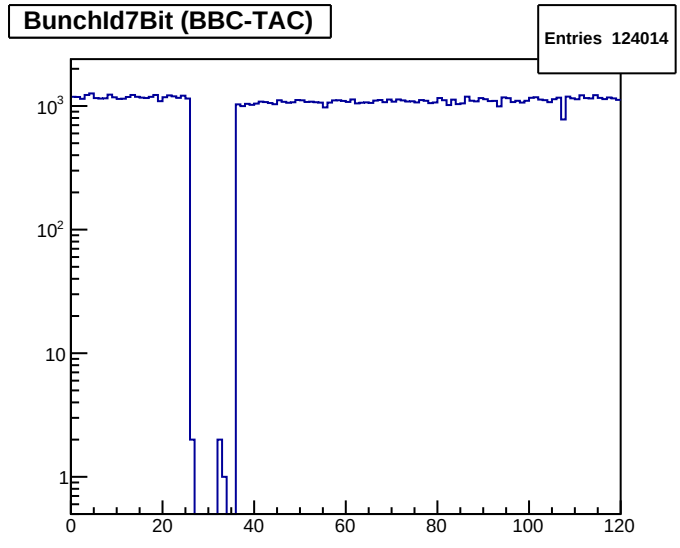
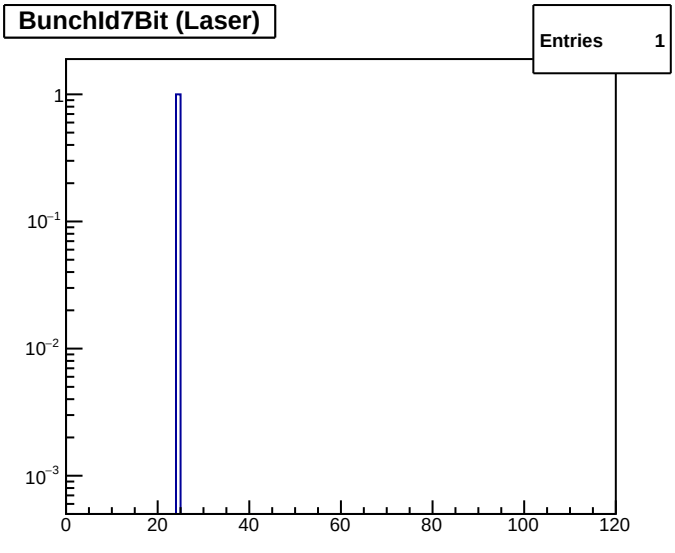
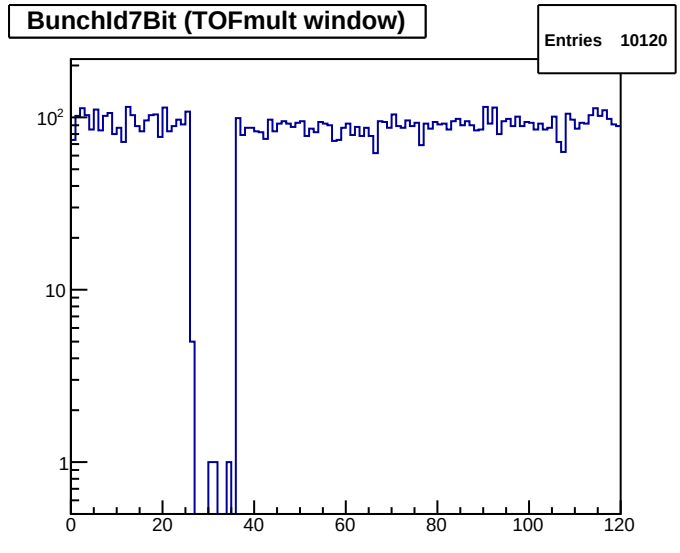

BunchId7Bit (VPD-TAC)
Entries 157394

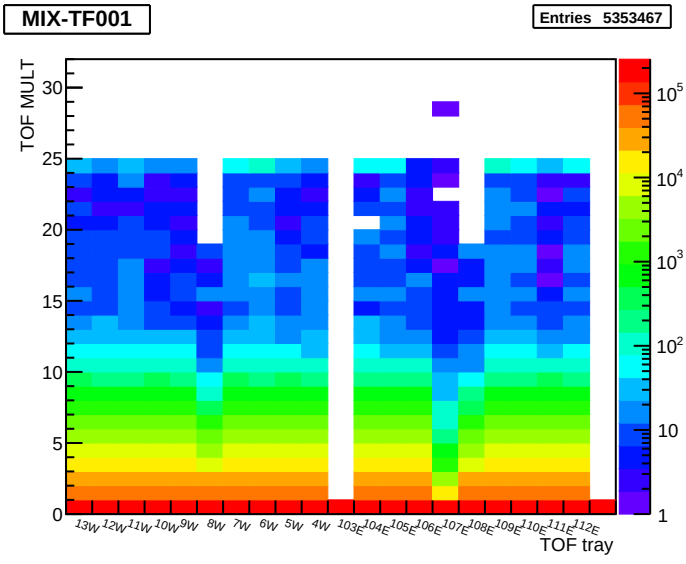

BunchId7Bit (ZDC-TAC)
Entries 685

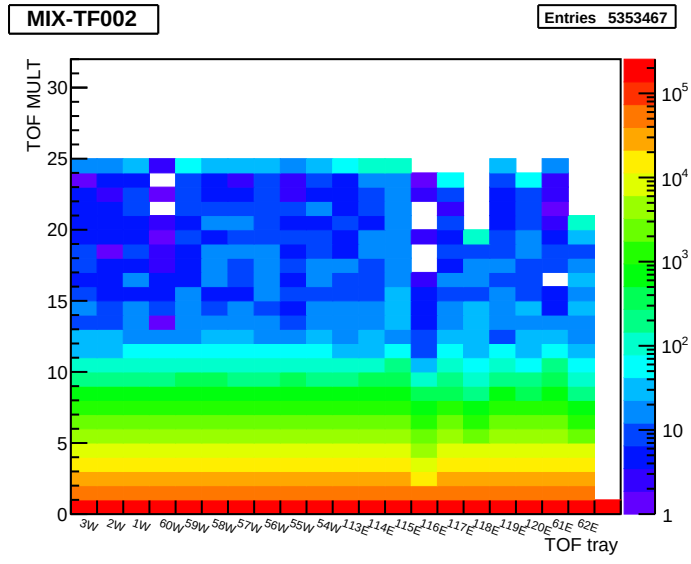

BunchId7Bit (EPD-TAC)
Entries 202873

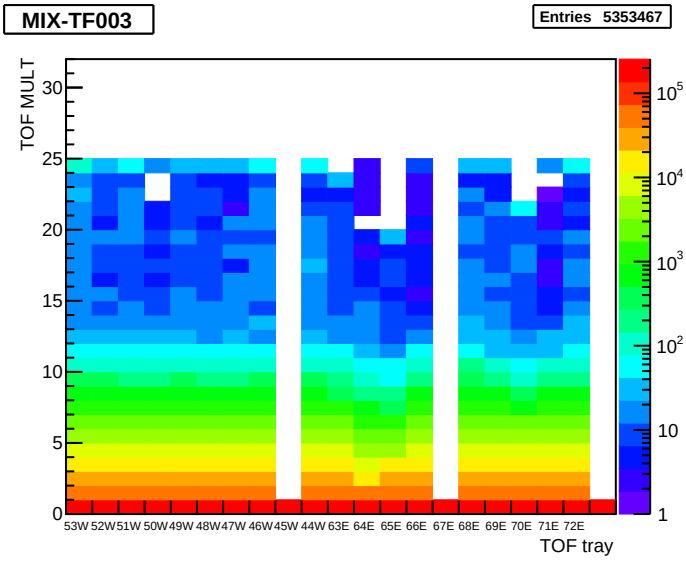

BunchId7Bit (BBC-TAC)
Entries 124014

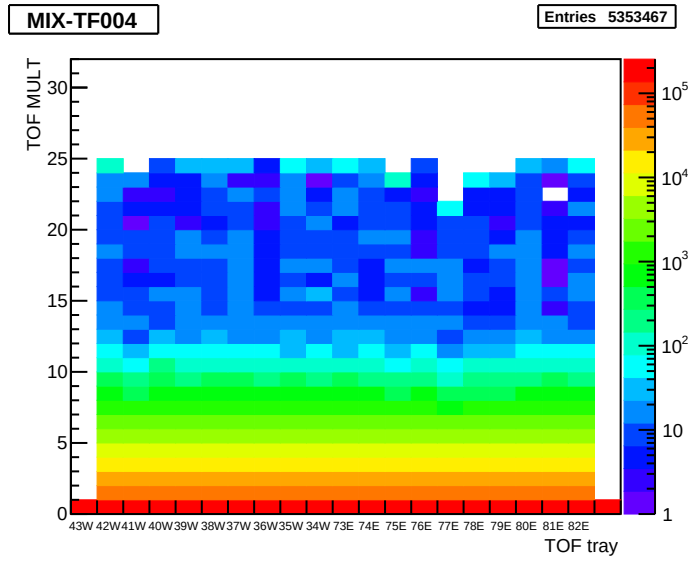

BunchId7Bit (Laser)
Entries 1

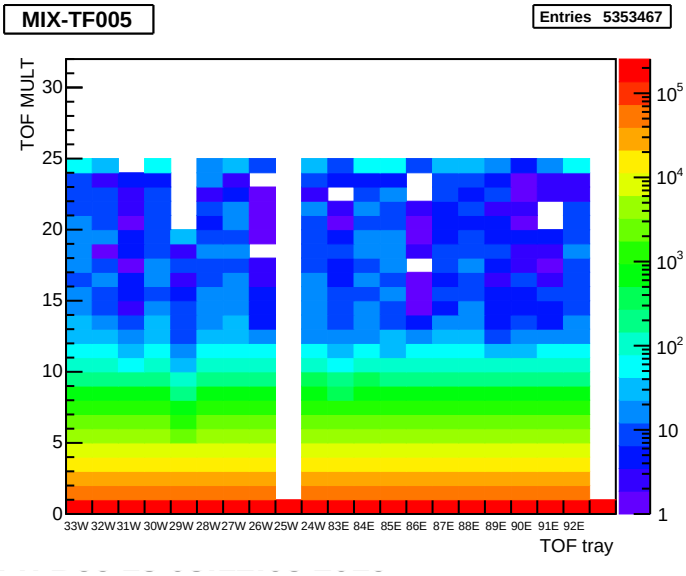

BunchId7Bit (TOFmult window)
Entries 10120

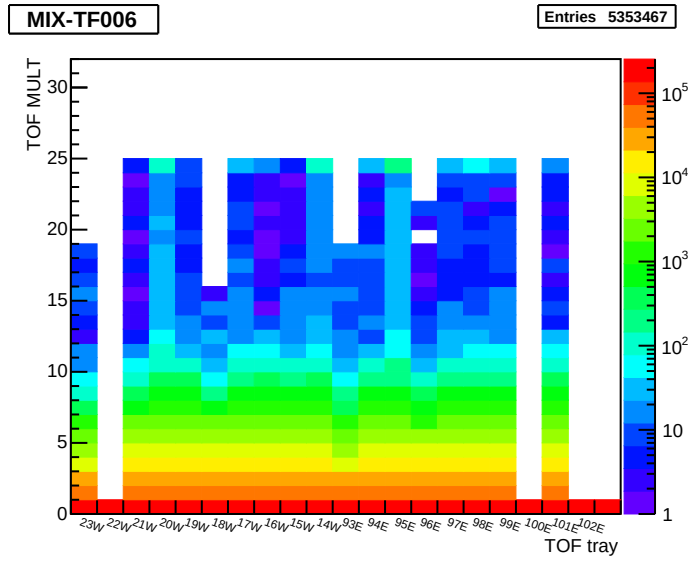

MIX-TF001
Entries 5353467
TOF MULT
TOF tray

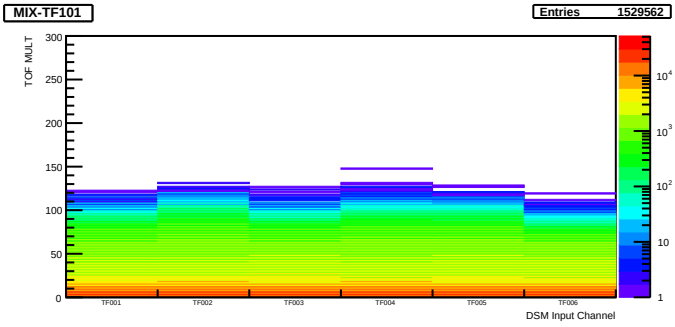

MIX-TF002
Entries 5353467
TOF MULT
TOF tray

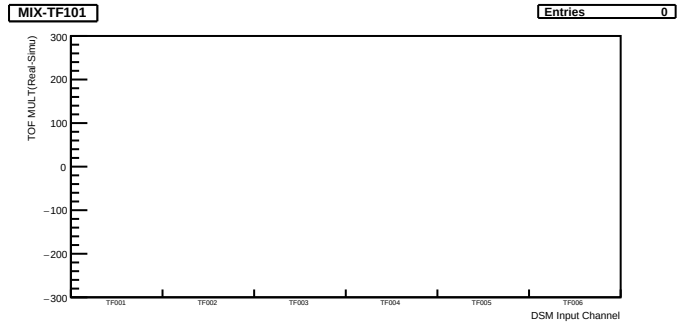

MIX-TF003
Entries 5353467
TOF MULT
TOF tray

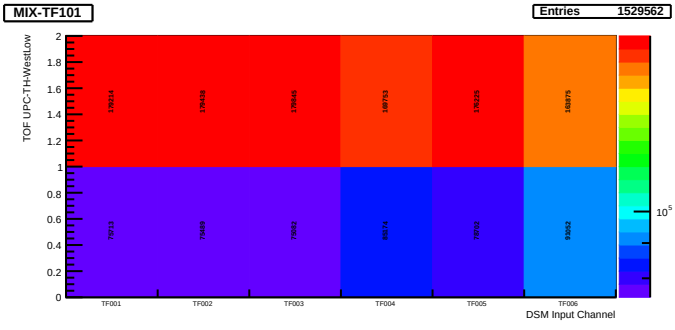

MIX-TF004
Entries 5353467
TOF MULT
TOF tray

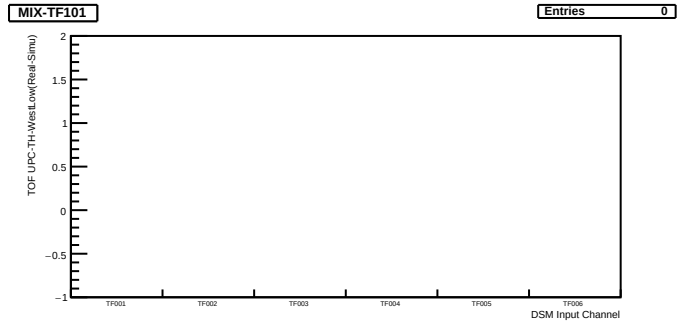

MIX-TF005
Entries 5353467
TOF MULT
TOF tray

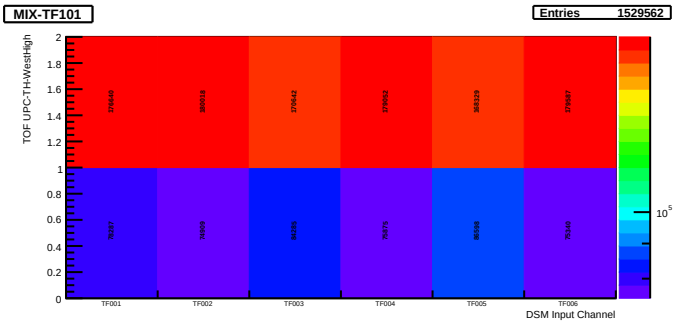

MIX-TF006
Entries 5353467
TOF MULT
TOF tray

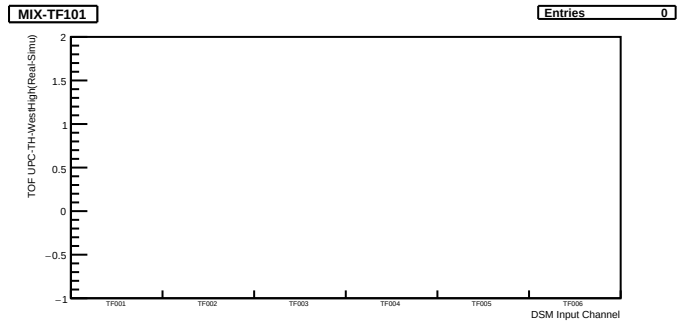

MIX-TF101
Entries 1529562
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

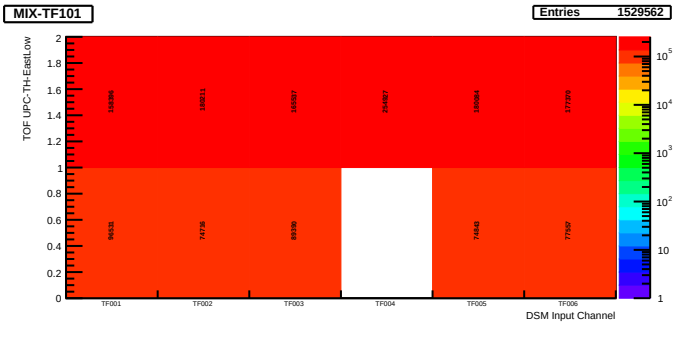

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

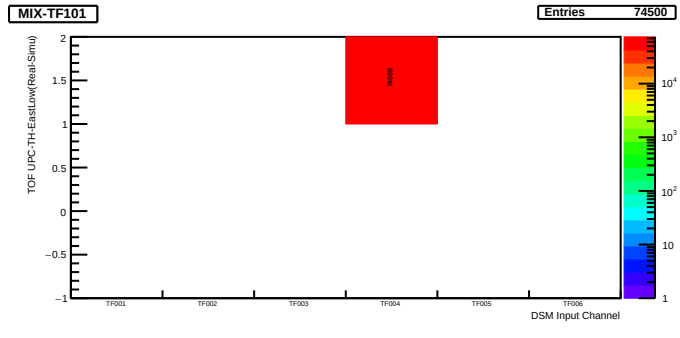

MIX-TF101
Entries 1529562
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

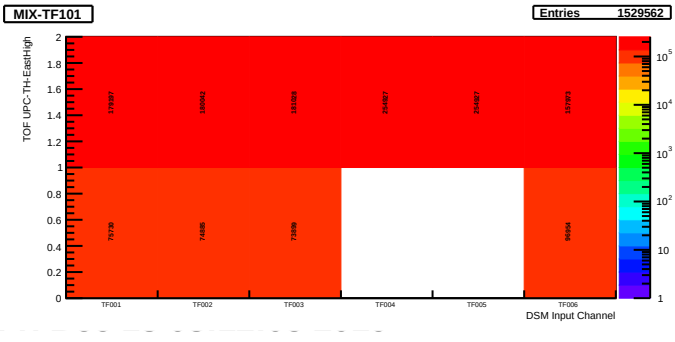

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

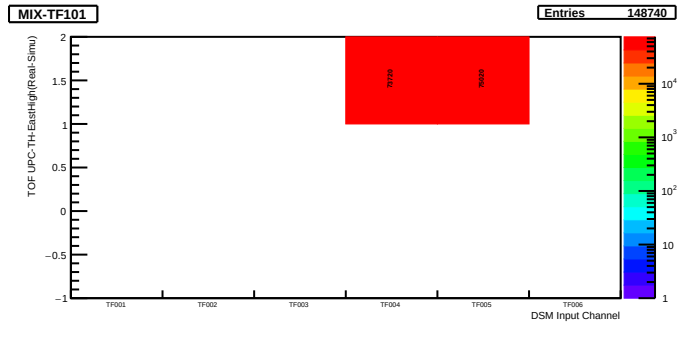

MIX-TF101
Entries 1529562
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

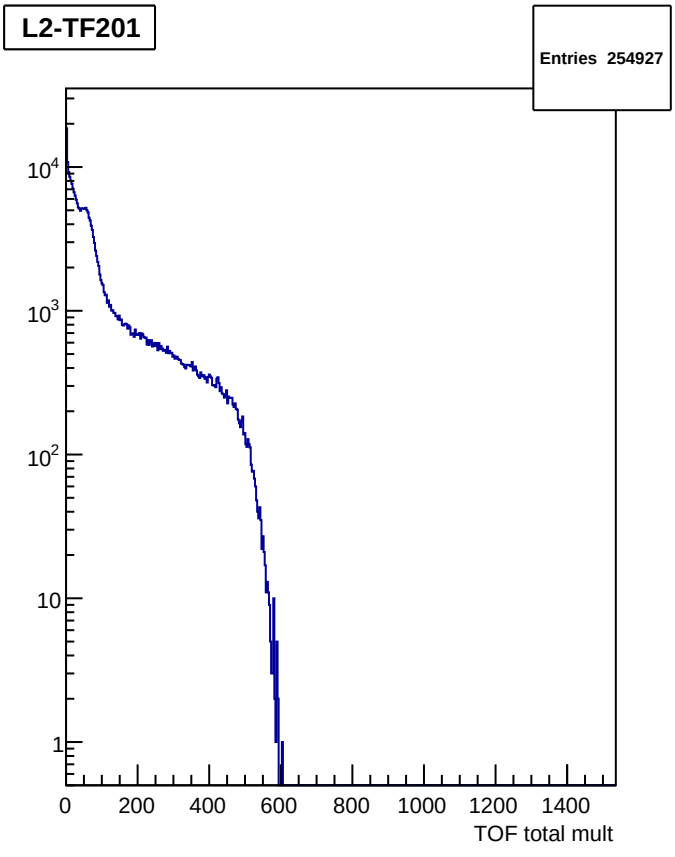

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

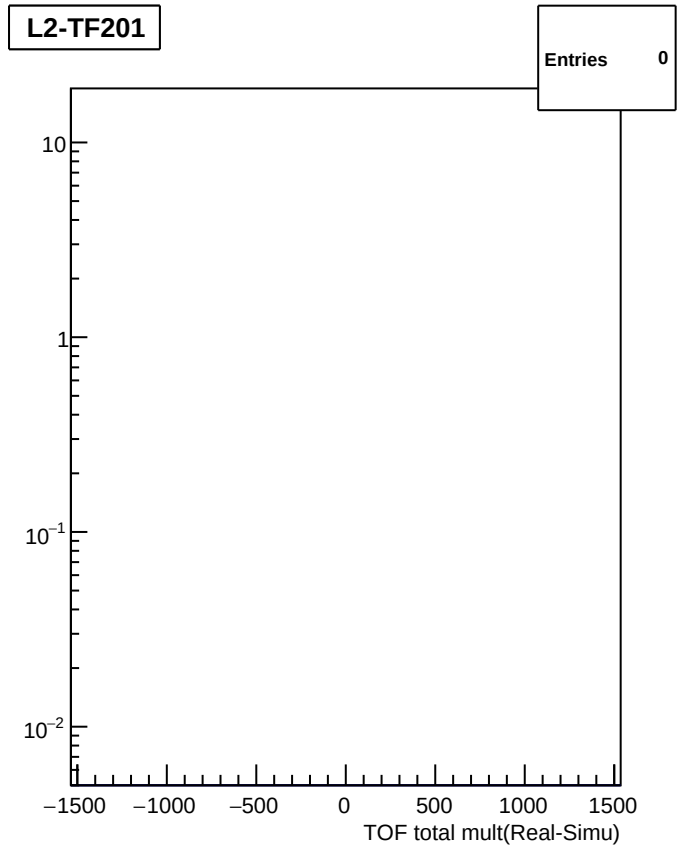

MIX-TF101
Entries 1529562
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

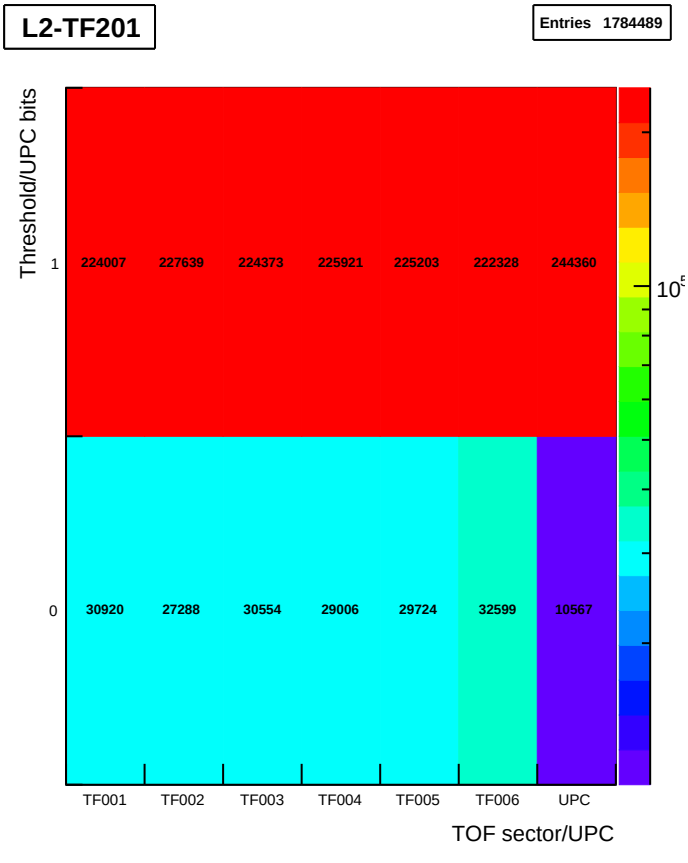

MIX-TF101
Entries 74500
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

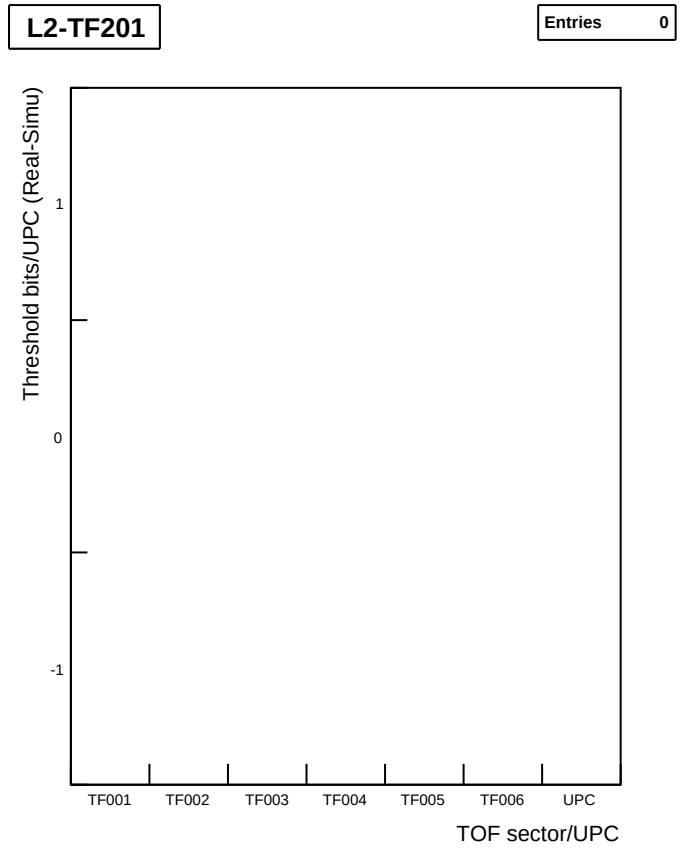

MIX-TF101
Entries 1529562
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

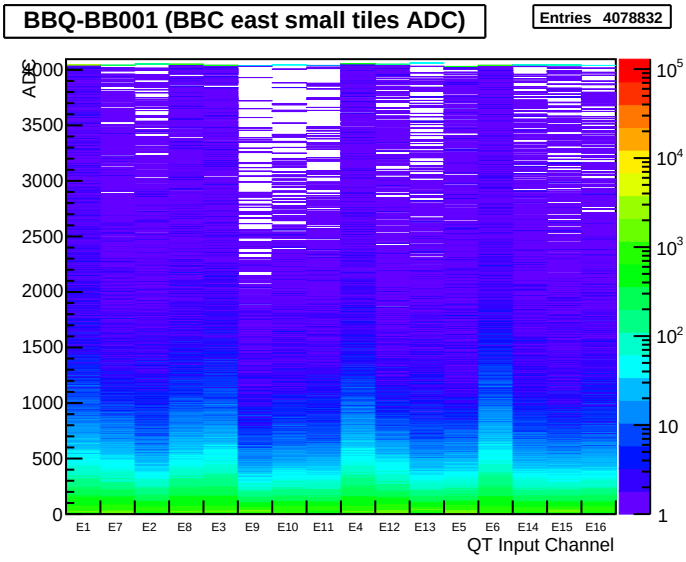

MIX-TF101
Entries 148740
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

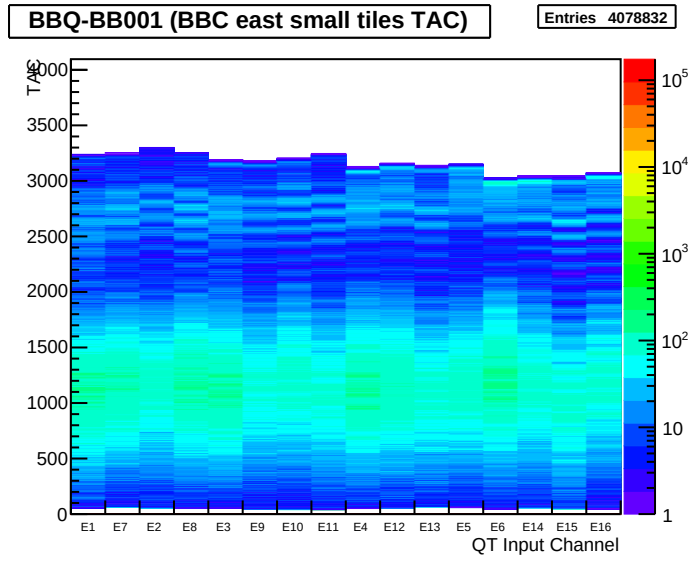

L2-TF201
Entries 254927
TOF total mult

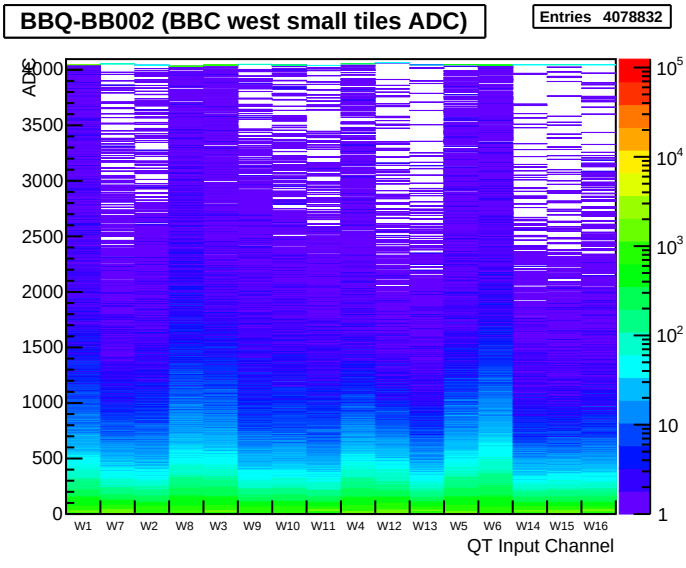

L2-TF201
Entries 0
TOF total mult(Real-Simu)

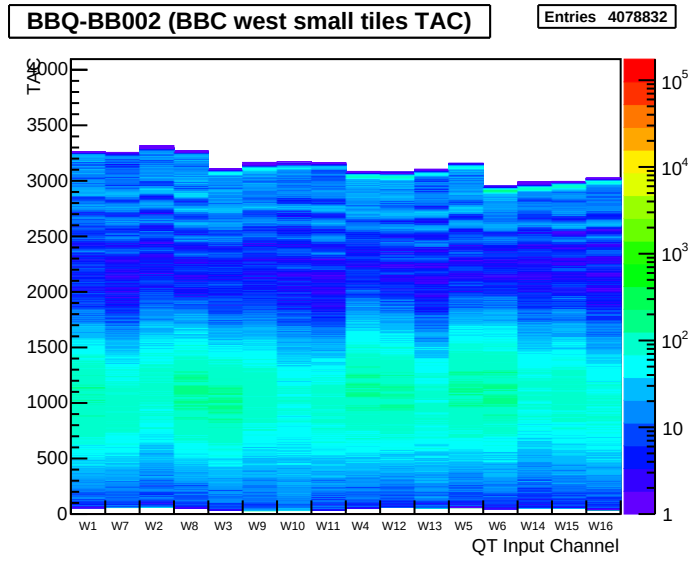

L2-TF201
Entries 1784489
Threshold/UPC bits
224007 227639 224373 225921 225203 222328 244360
30920 27288 30554 29006 29724 32599 10567
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

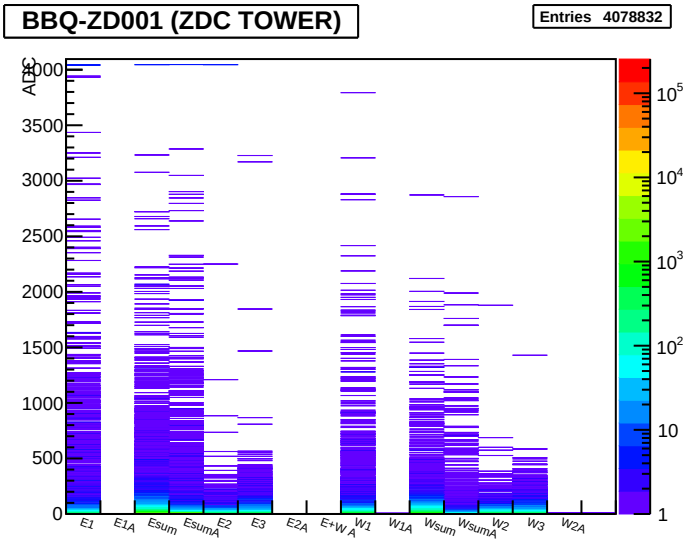

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

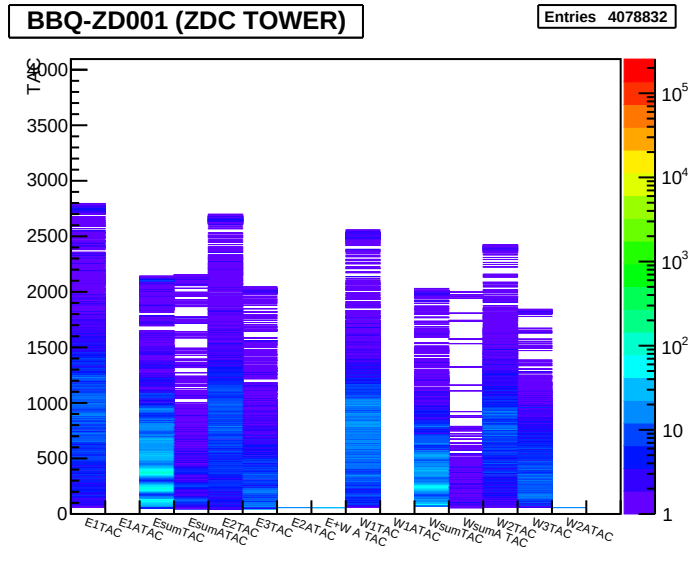

BBQ-BB001 (BBC east small tiles ADC)
Entries 4078832
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

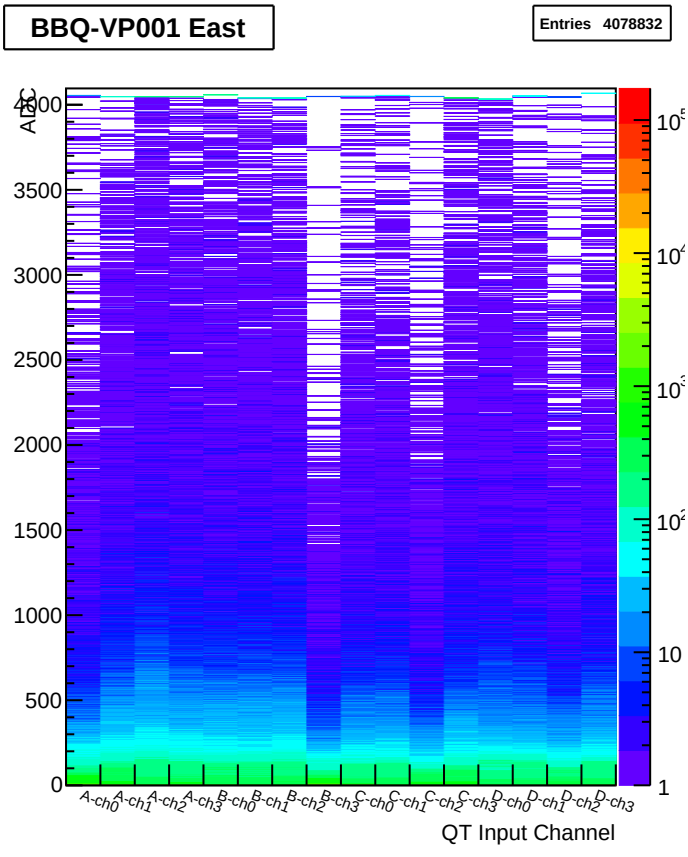

BBQ-BB001 (BBC east small tiles TAC)
Entries 4078832
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

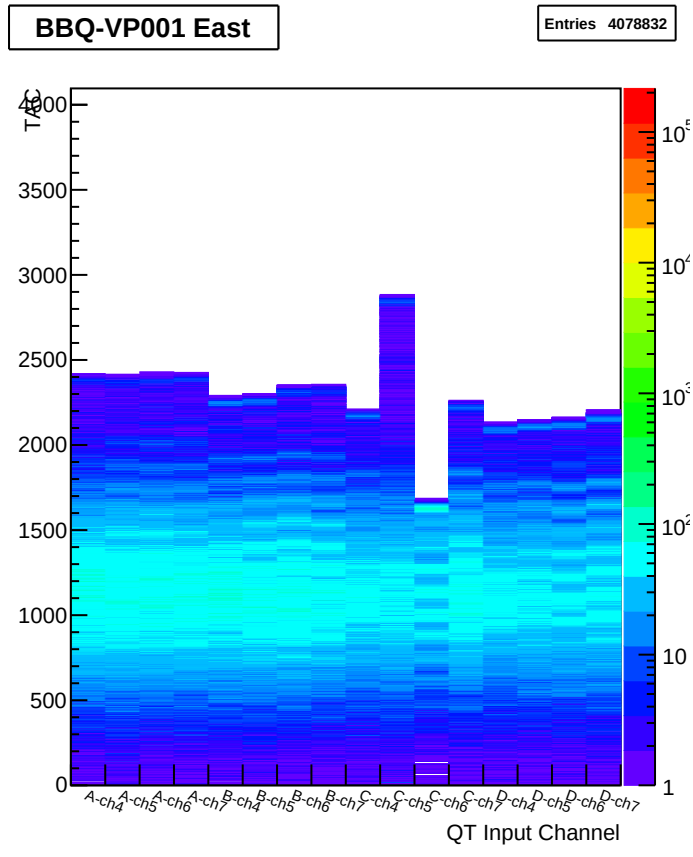

BBQ-BB002 (BBC west small tiles ADC)
Entries 4078832
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

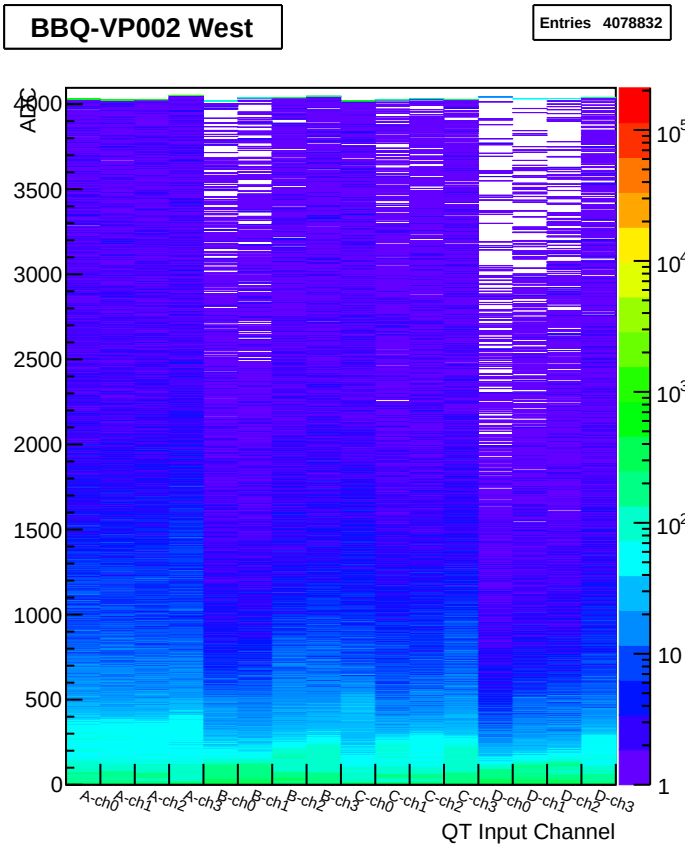

BBQ-BB002 (BBC west small tiles TAC)
Entries 4078832
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

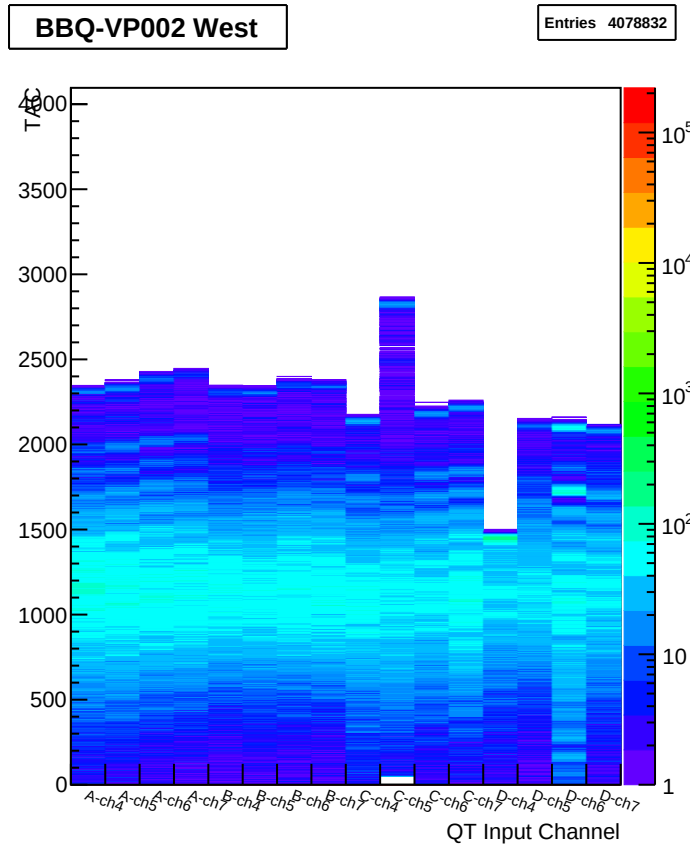

BBQ-ZD001 (ZDC TOWER)
Entries 4078832
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

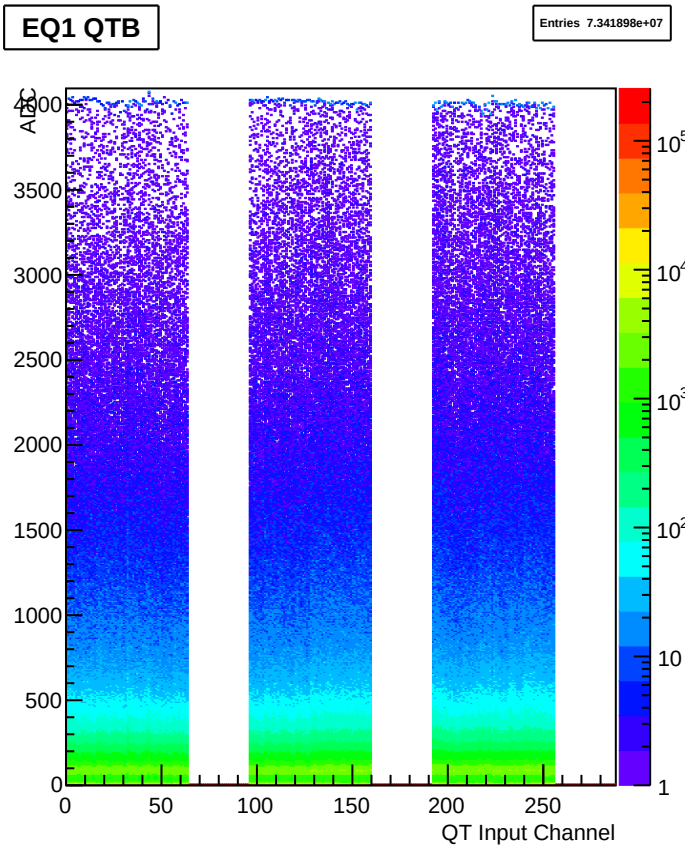

BBQ-ZD001 (ZDC TOWER)
Entries 4078832
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

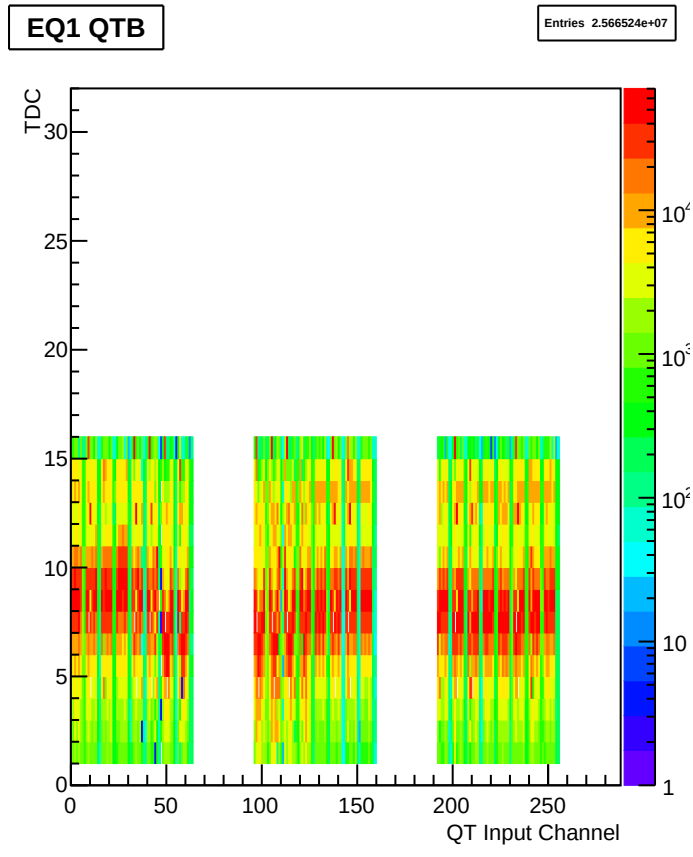

BBQ-VP001 East
Entries 4078832
ADC
QT Input Channel

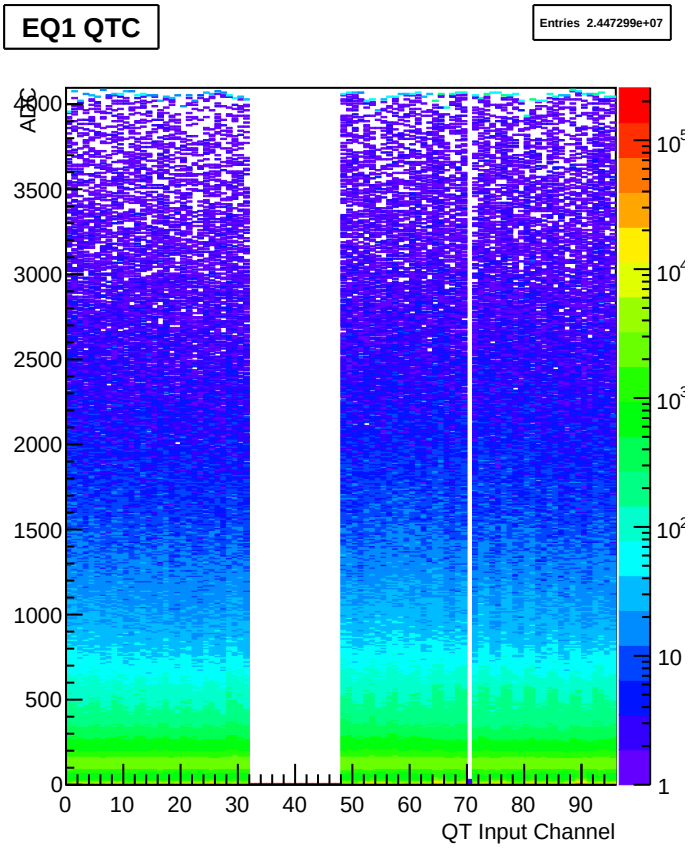

BBQ-VP001 East
Entries 4078832
TADC
QT Input Channel

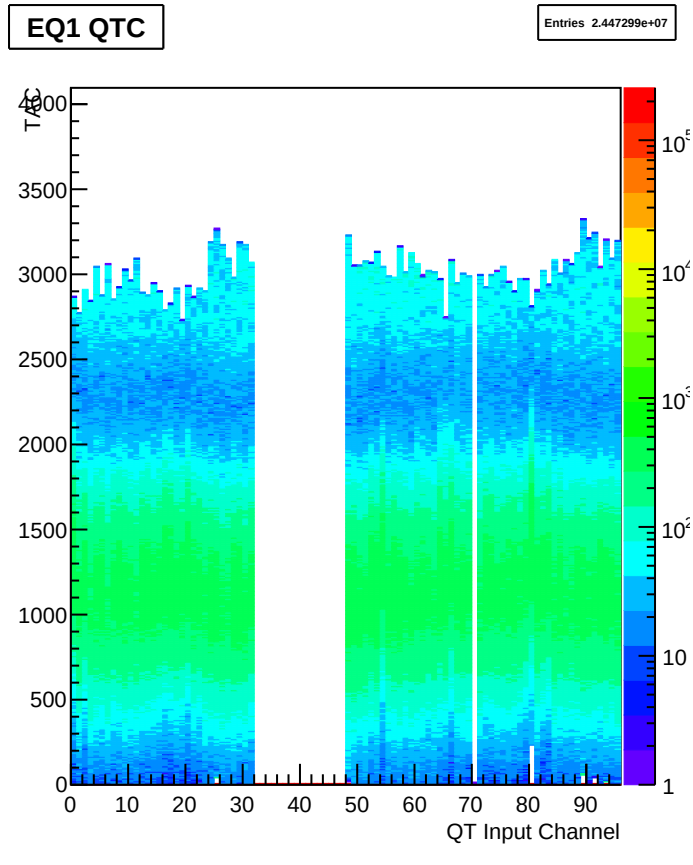

BBQ-VP002 West
Entries 4078832
ADC
QT Input Channel

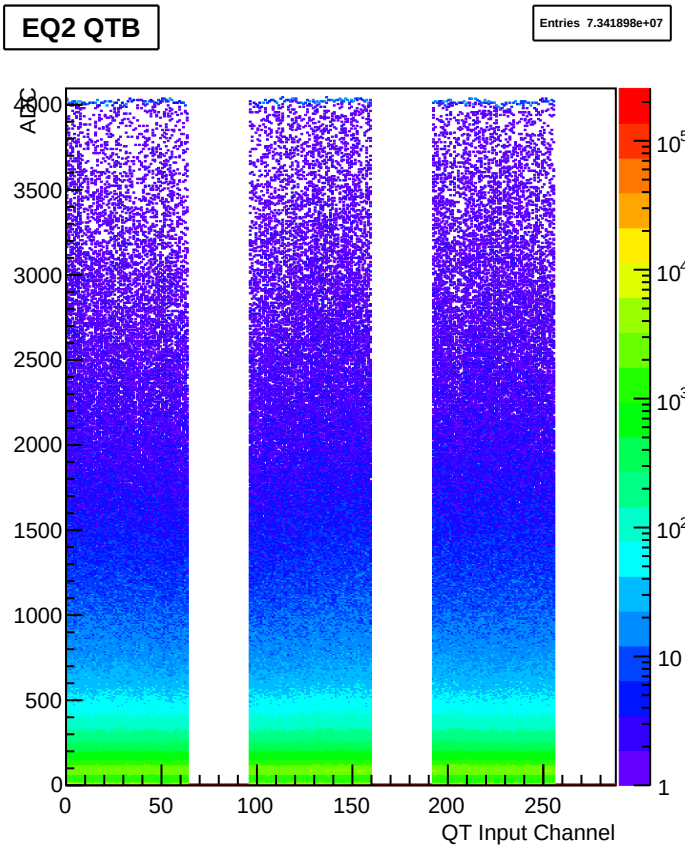

BBQ-VP002 West
Entries 4078832
TADC
QT Input Channel

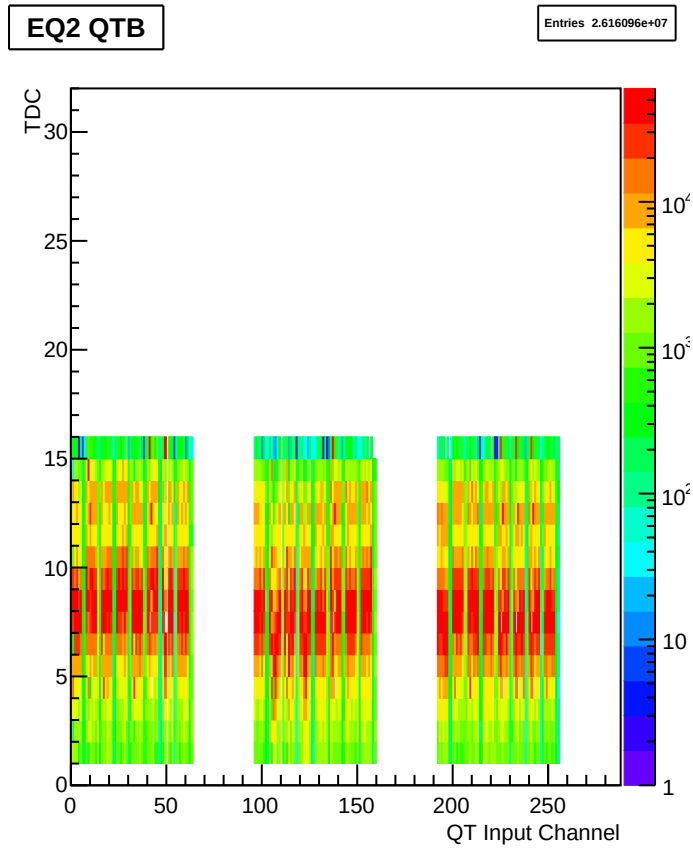

EQ1 QTB
Entries 7.341898e+07
ADC
QT Input Channel

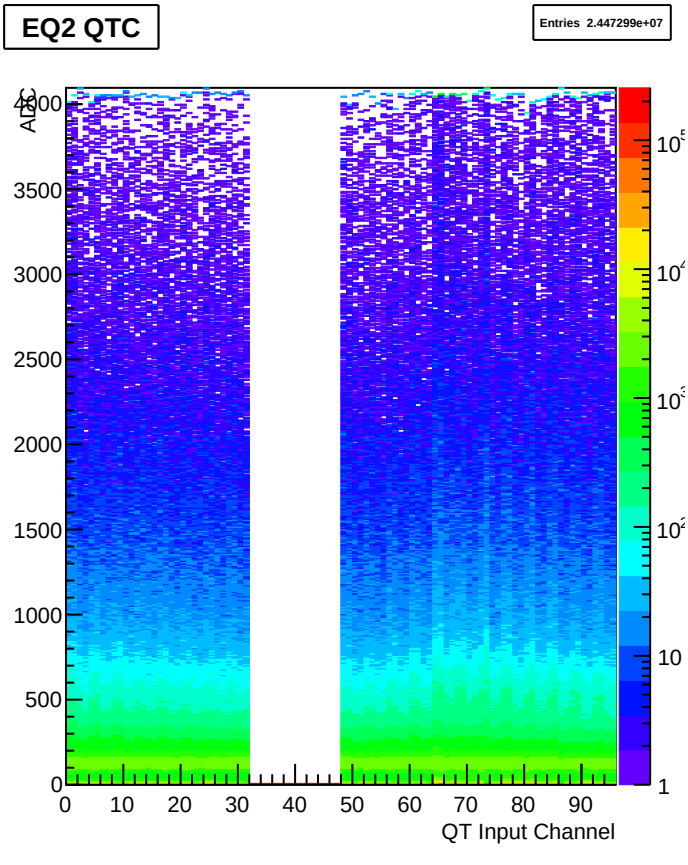

EQ1 QTB
Entries 2.566524e+07
TDC
QT Input Channel

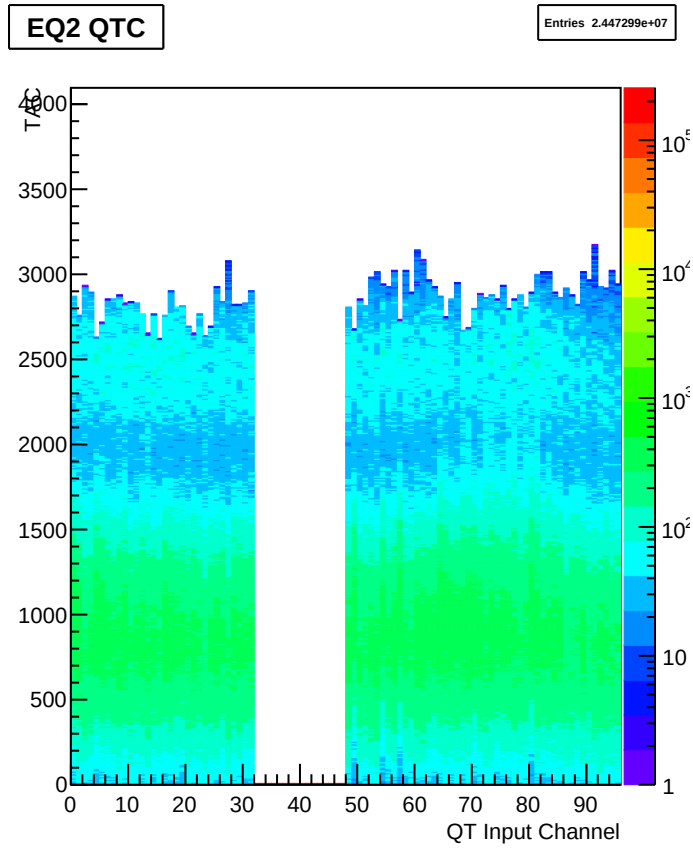

EQ1 QTC
Entries 2.447299e+07
ADC
QT Input Channel

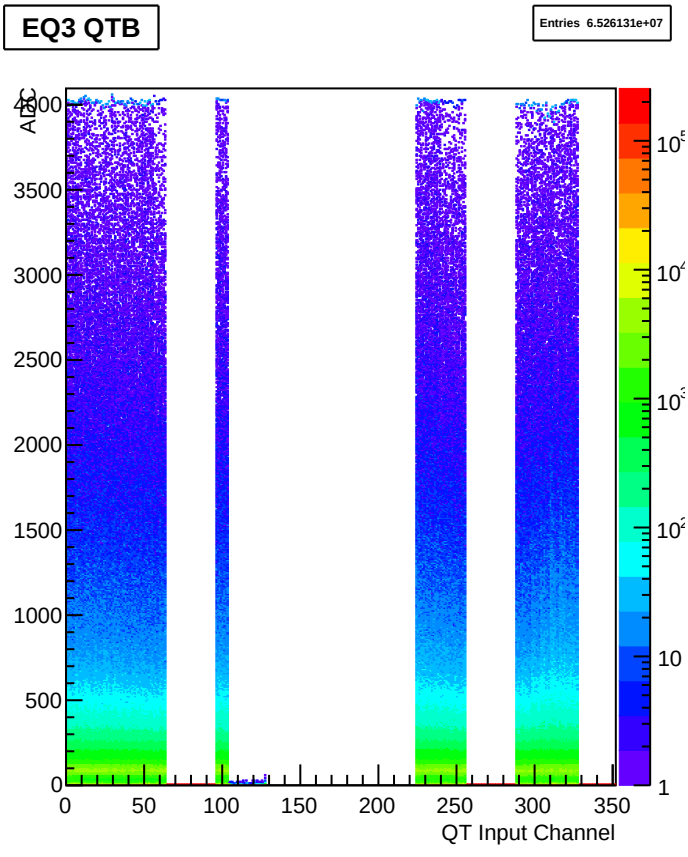

EQ1 QTC
Entries 2.447299e+07
TADC
QT Input Channel

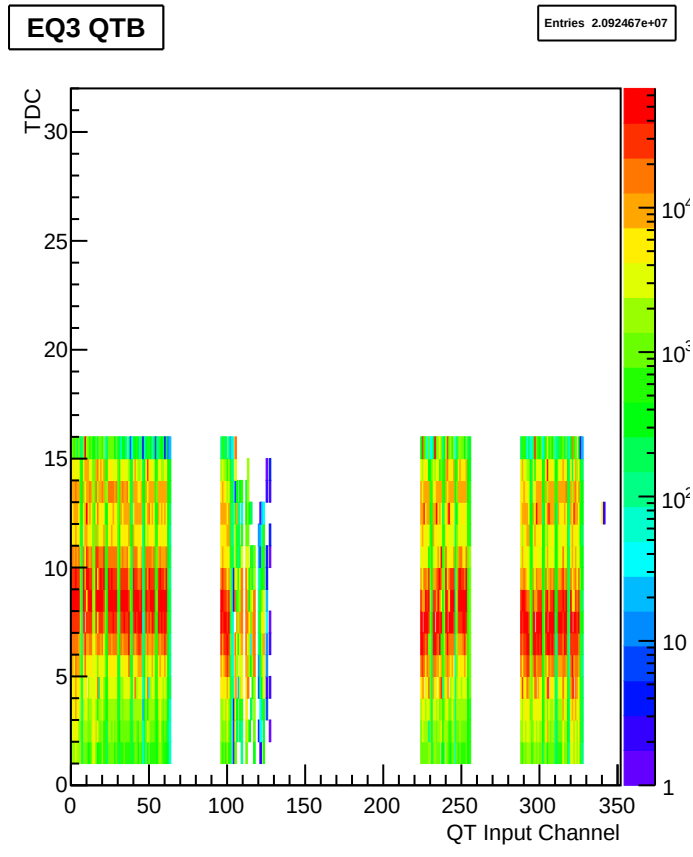

EQ2 QTB
Entries 7.341898e+07
ADC
QT Input Channel

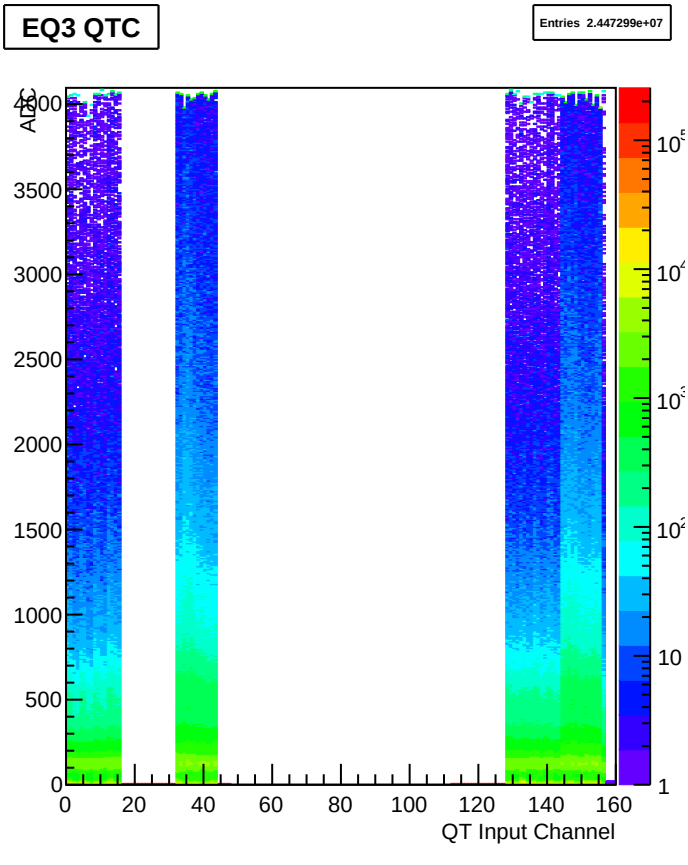

EQ2 QTB
Entries 2.616096e+07
TDC
QT Input Channel

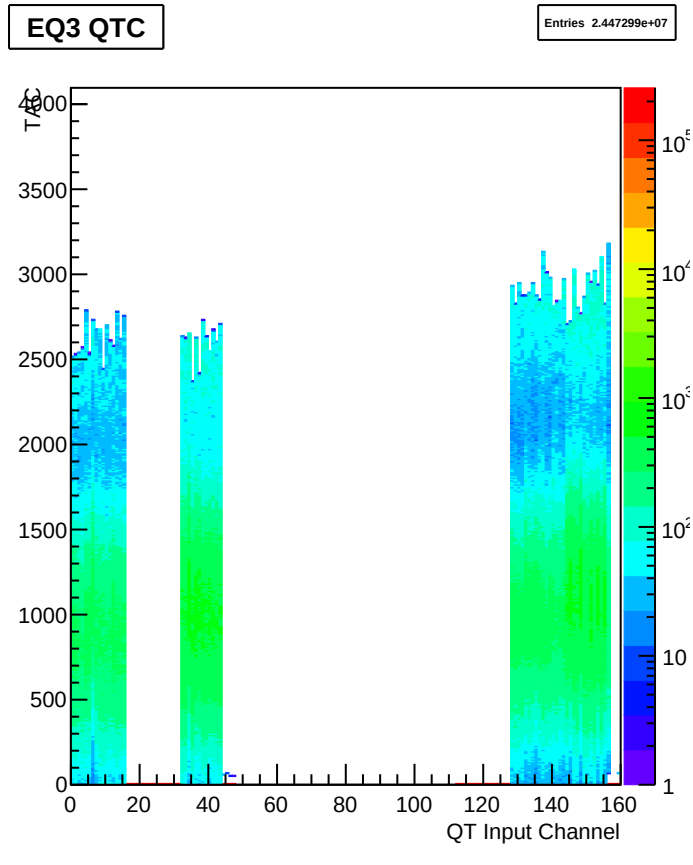

EQ2 QTC
Entries 2.447299e+07
ADC
QT Input Channel

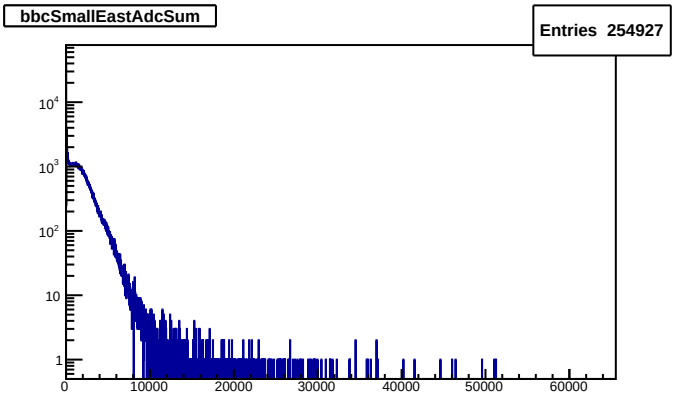

EQ2 QTC
Entries 2.447299e+07
TADC
QT Input Channel

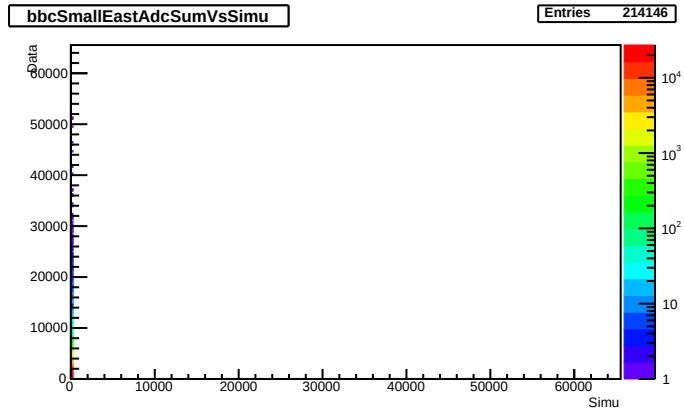

EQ3 QTB
Entries 6.526131e+07
ADC
QT Input Channel

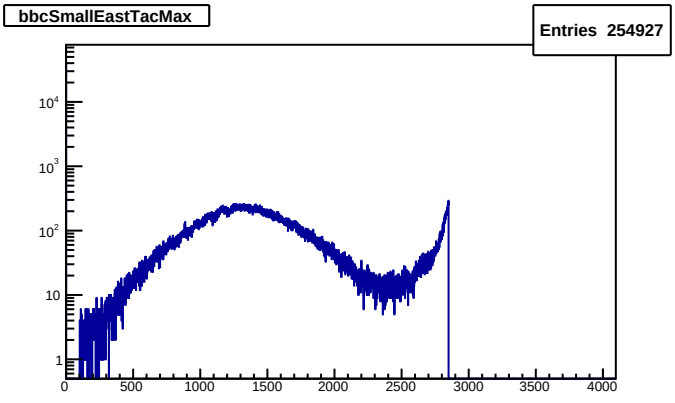

EQ3 QTB
Entries 2.092467e+07
TDC
QT Input Channel

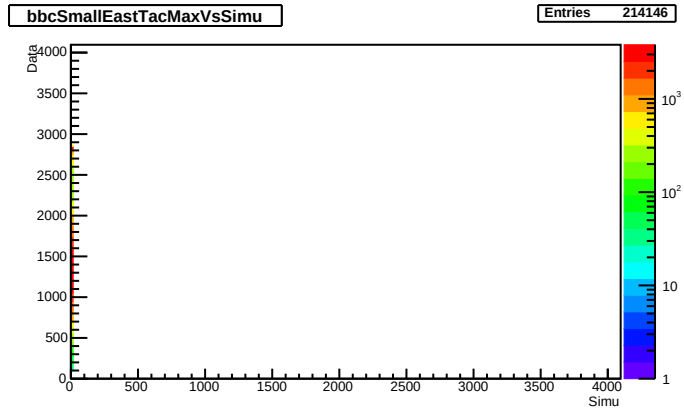

EQ3 QTC
Entries 2.447299e+07
ADC
QT Input Channel

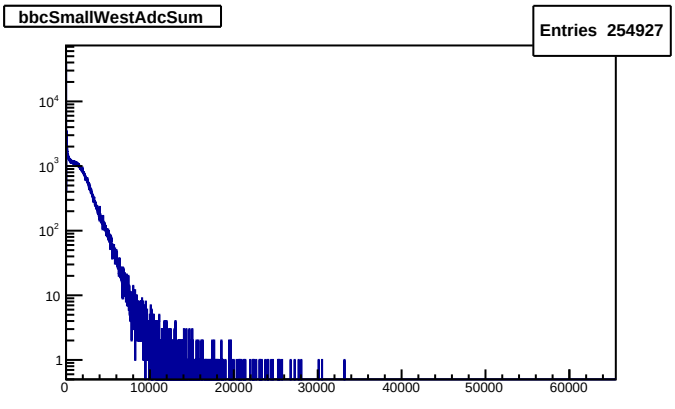

EQ3 QTC
Entries 2.447299e+07
TADC
QT Input Channel

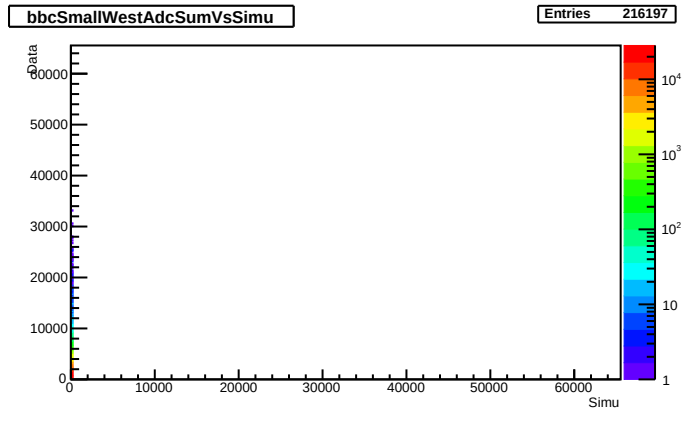

bbcSmallEastAdcSum
Entries 254927

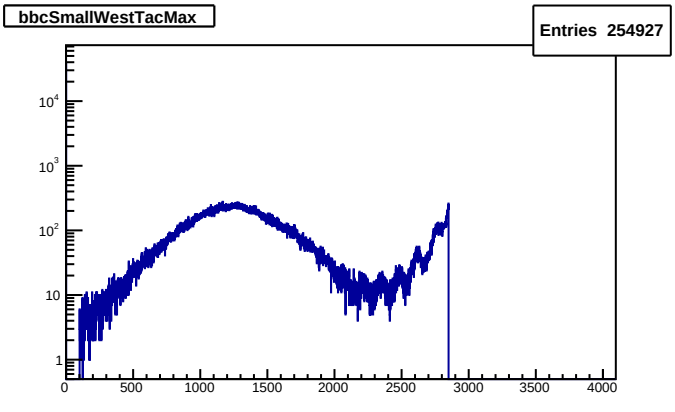

bbcSmallEastAdcSumVsSimu
Entries 214146
Data
Simu

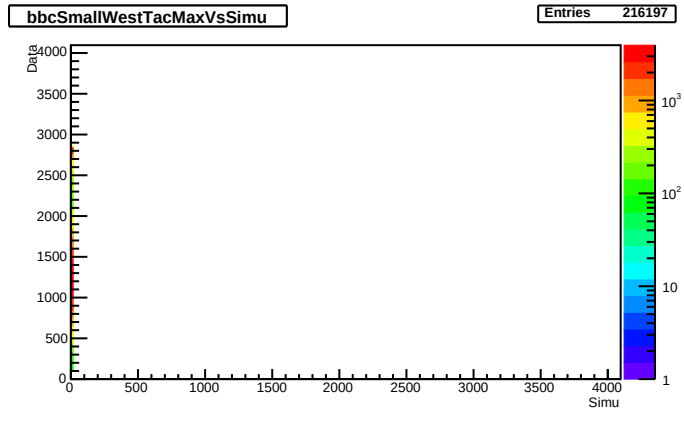

bbcSmallEastTacMax
Entries 254927

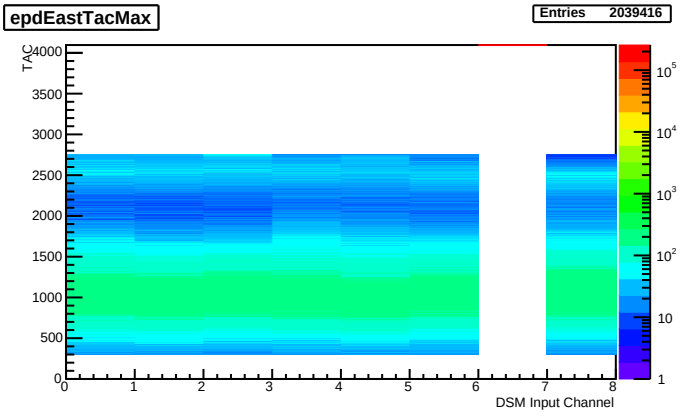

bbcSmallEastTacMaxVsSimu
Entries 214146
Data
Simu

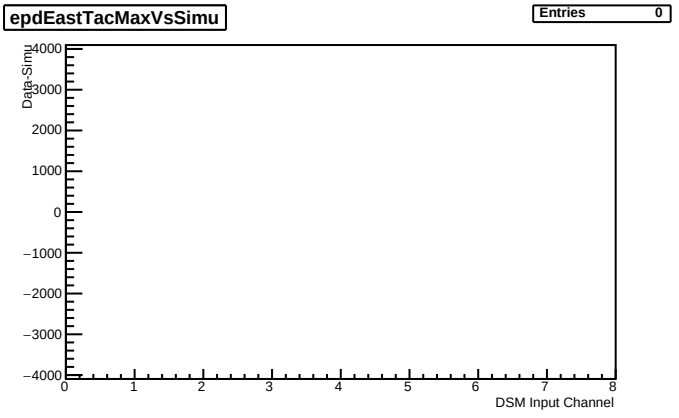

bbcSmallWestAdcSum
Entries 254927

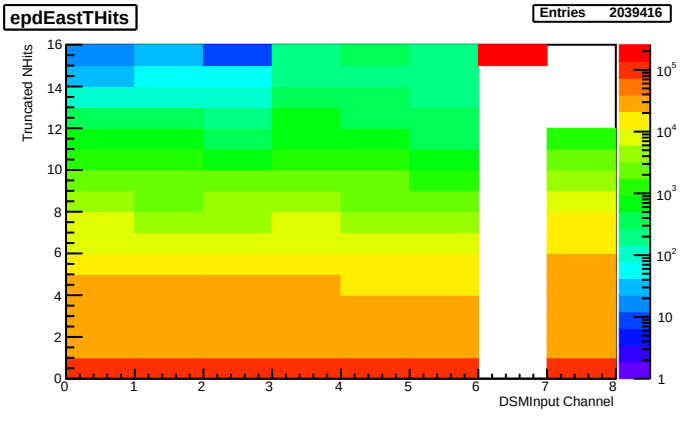

bbcSmallWestAdcSumVsSimu
Entries 216197
Data
Simu

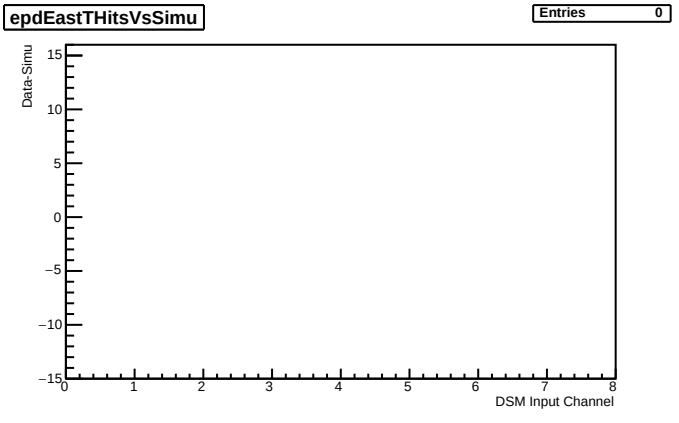

bbcSmallWestTacMax
Entries 254927


bbcSmallWestTacMaxVsSimu
Entries 216197
Data
Simu


epdEastTacMax
Entries 2039416
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2039416
Truncated NHits
DSMInput Channel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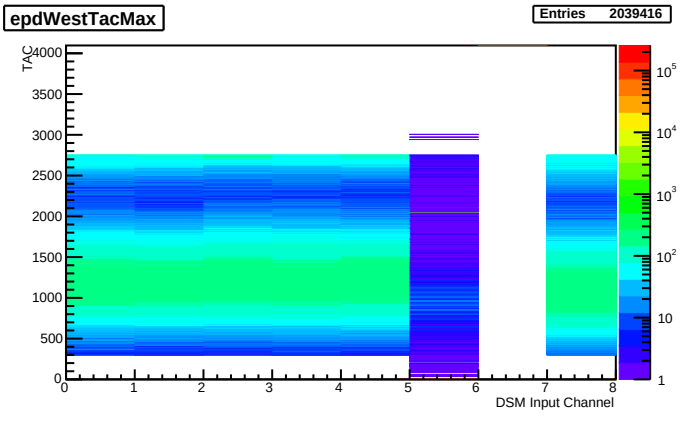
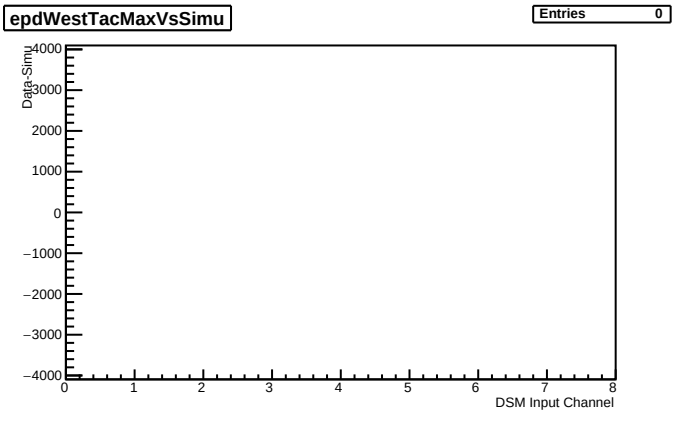
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2039416
TAC
DSM Input Channel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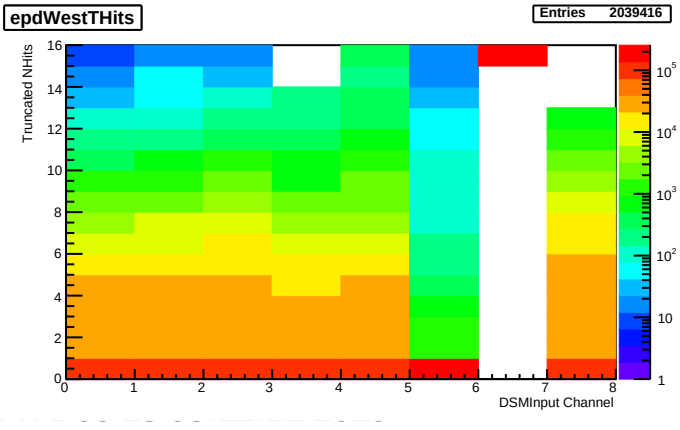
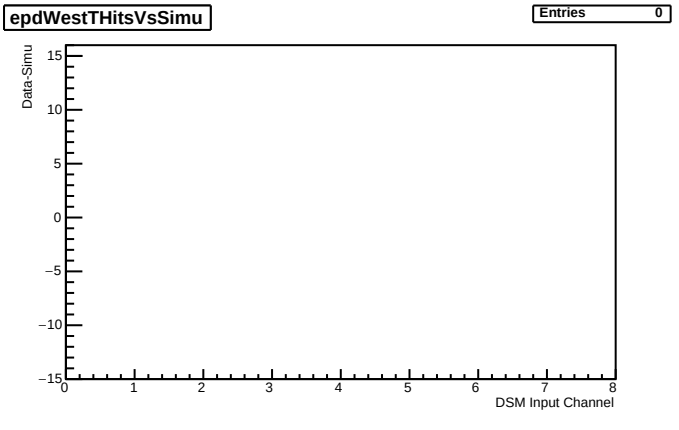
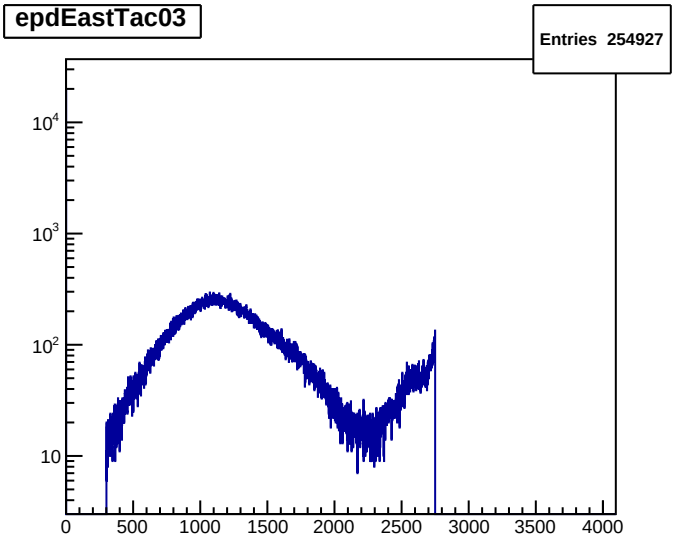
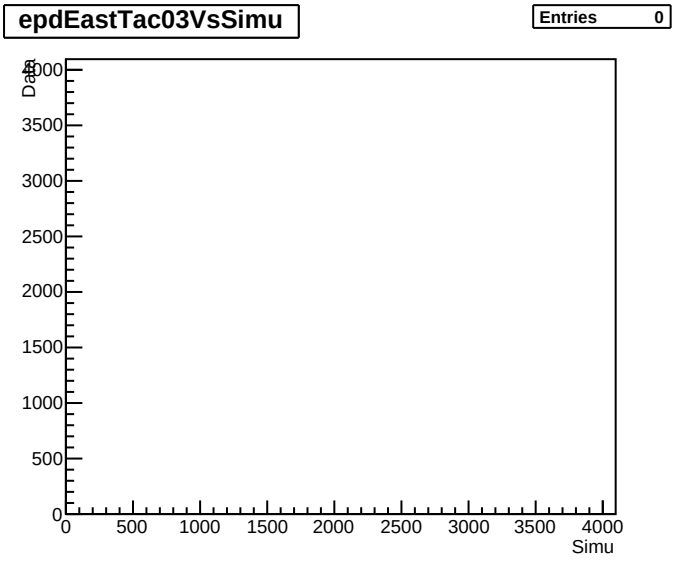
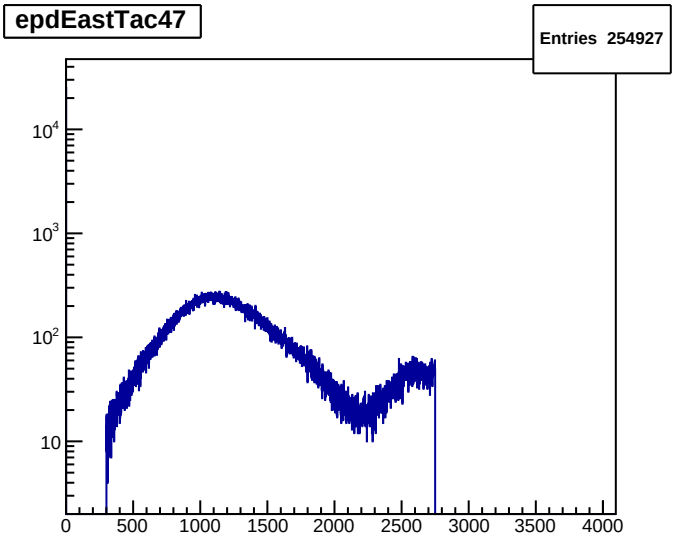
Data-Simu
DSM Input Channel

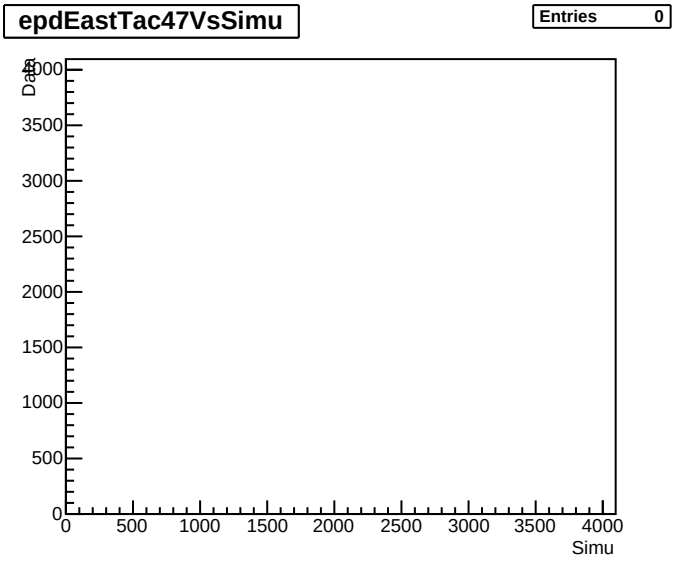

epdWestTHits
Entries 2039416
Truncated NHits
DSMInput Channel

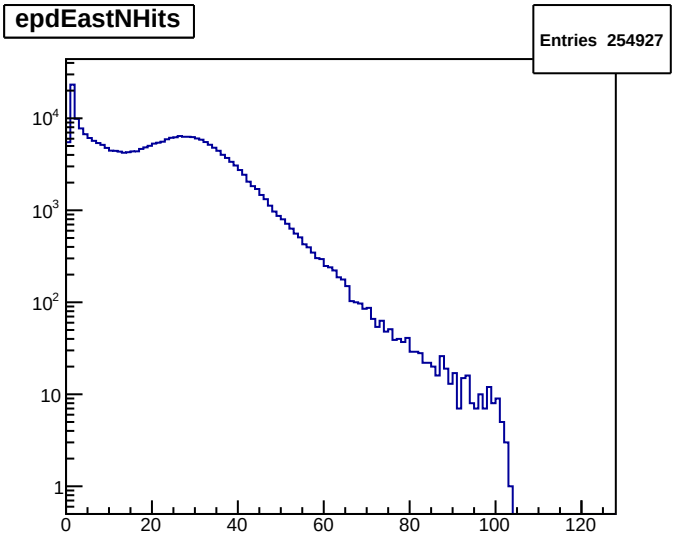

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

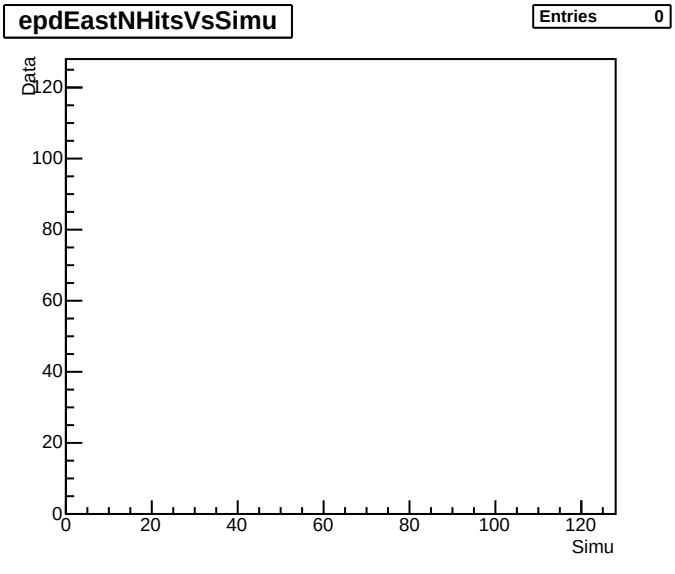

epdEastTac03
Entries 254927


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 254927


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 254927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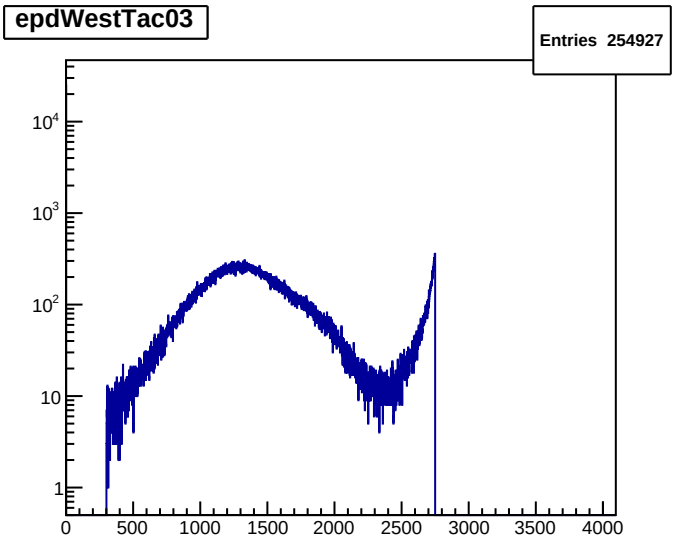
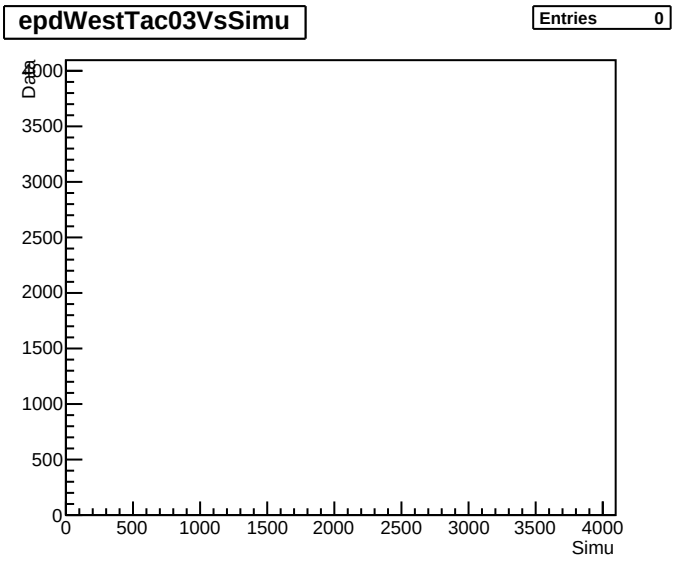
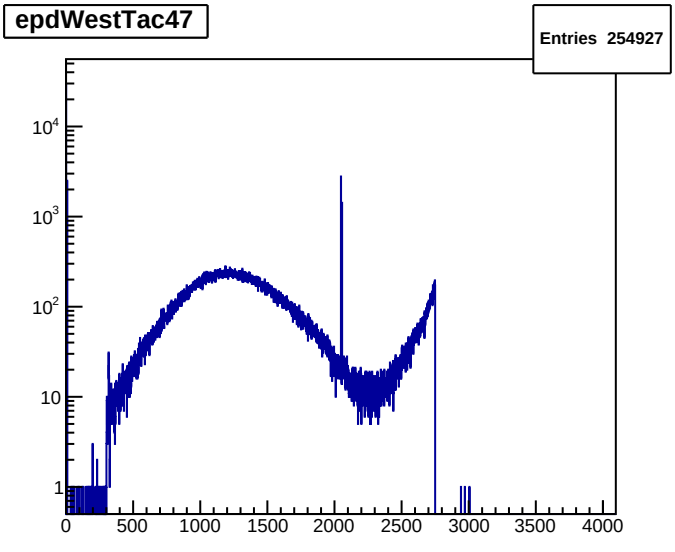
Entries 0
Data
Simu


epdWestTac03
Entries 254927


epdWestTac03VsSimu
Entries 0
Data
Simu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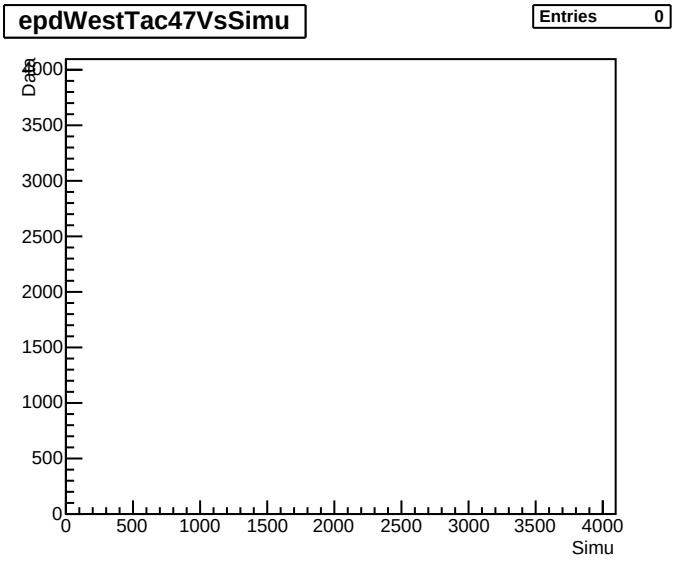
Entries 254927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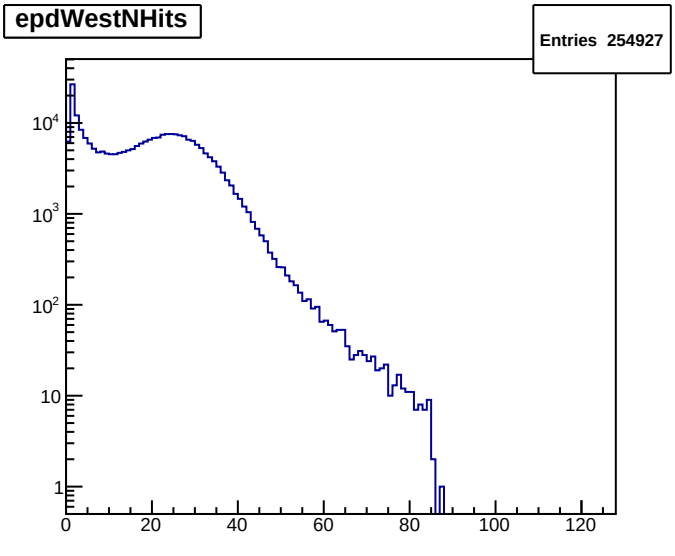
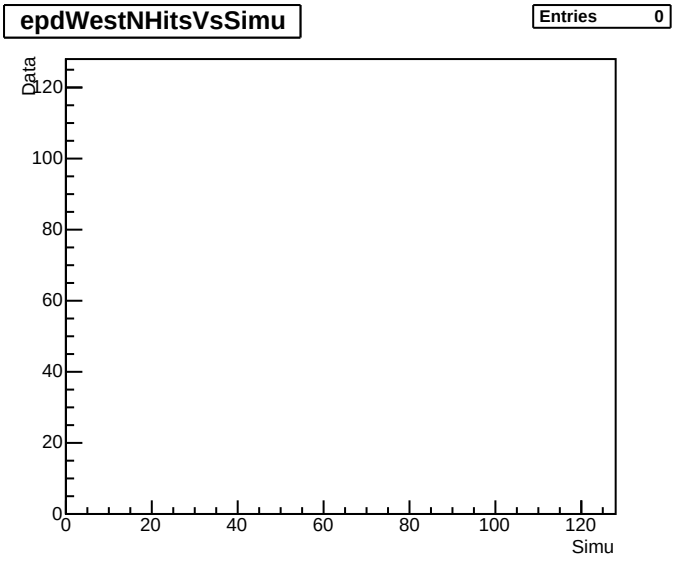
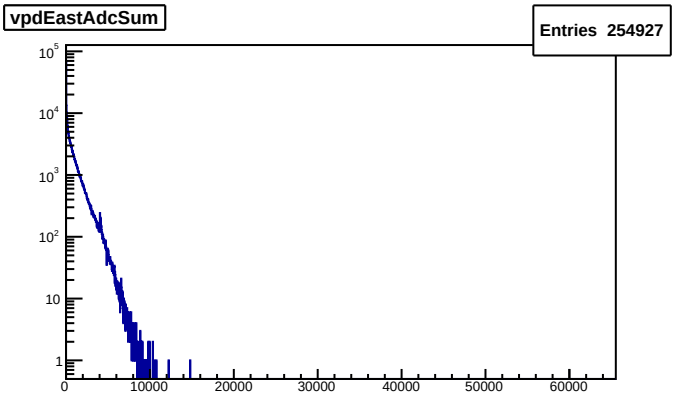
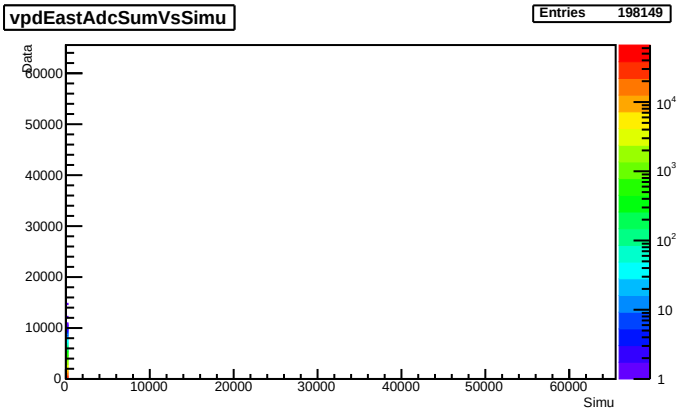
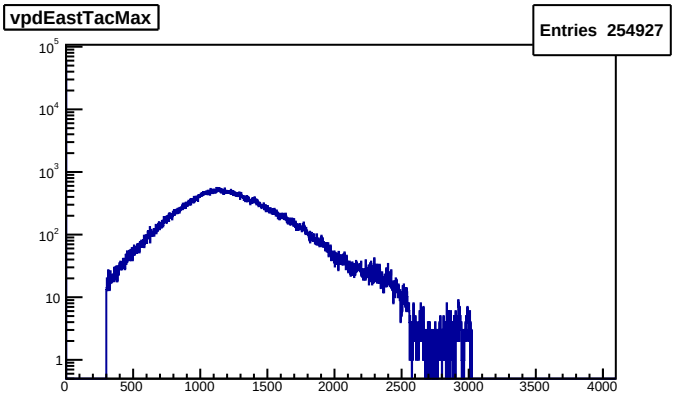
Entries 0
Data
Simu

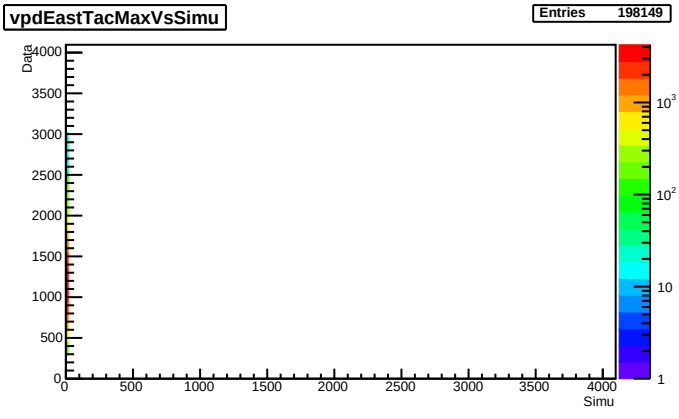

epdWestNHits
Entries 254927

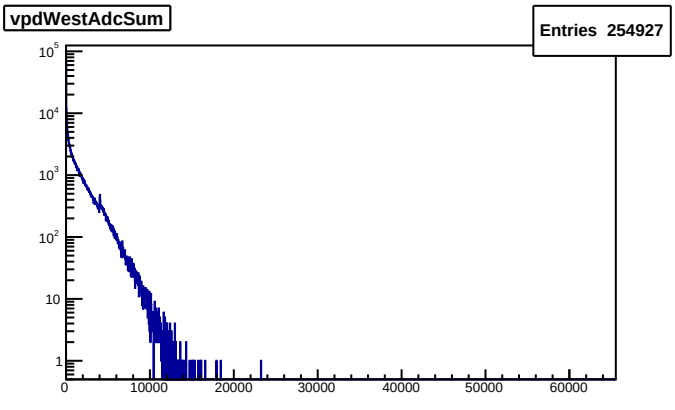

epdWestNHitsVsSimu
Entries 0
Data
Simu

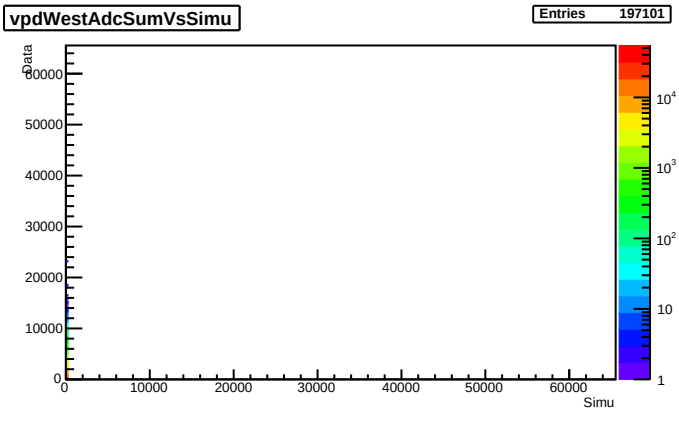

vpdEastAdcSum
Entries 254927

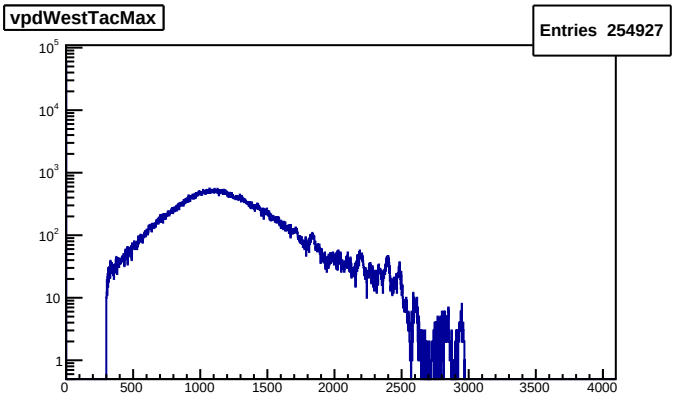

vpdEastAdcSumVsSimu
Entries 198149
Data
Simu

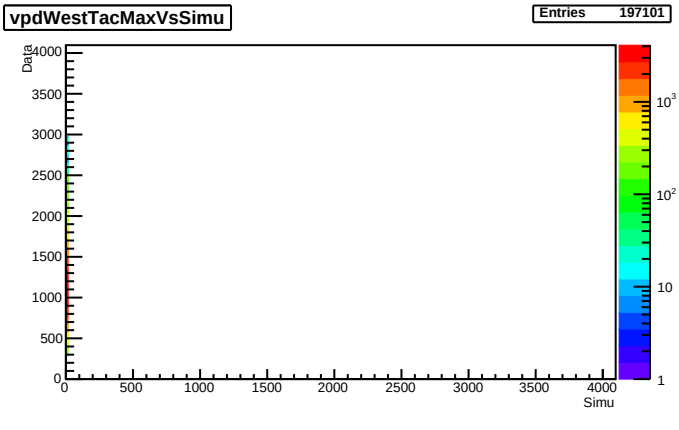

vpdEastTacMax
Entries 254927

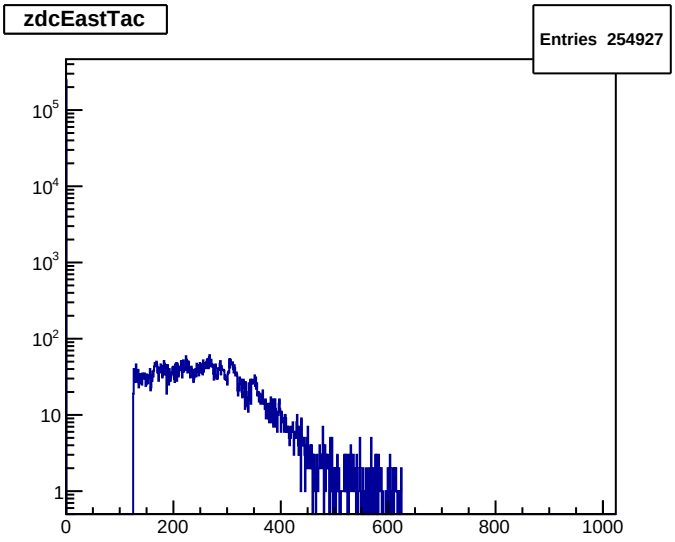

vpdEastTacMaxVsSimu
Entries 198149
Data
Simu

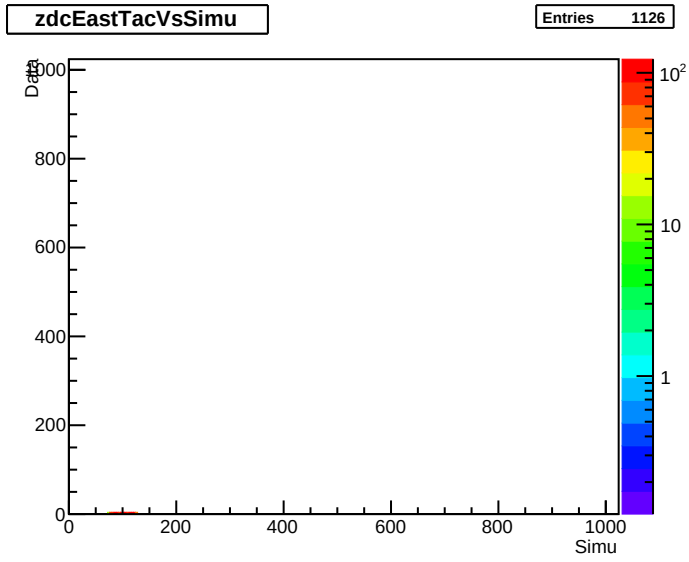

vpdWestAdcSum
Entries 254927

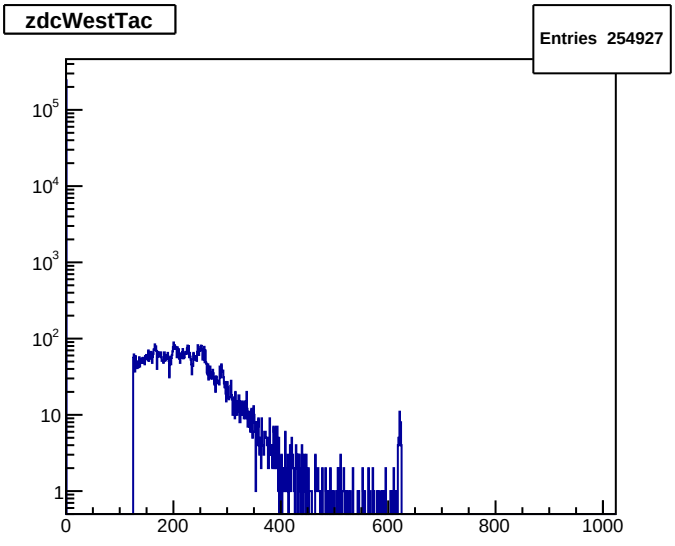

vpdWestAdcSumVsSimu
Entries 197101
Data
Simu

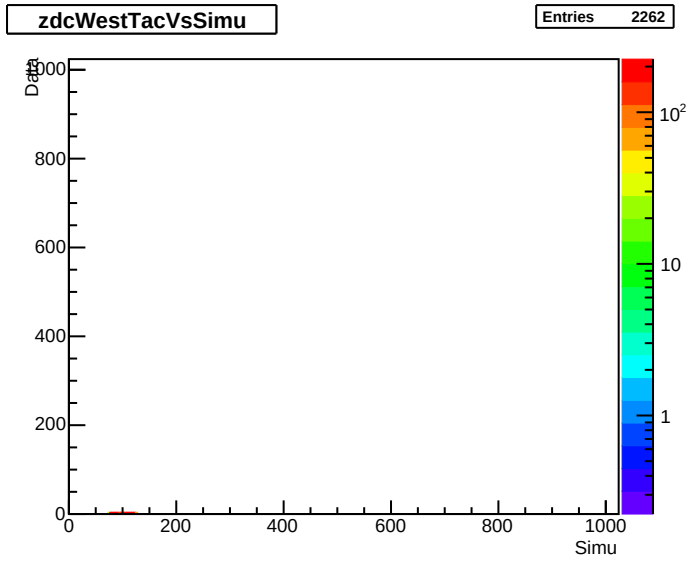

vpdWestTacMax
Entries 254927

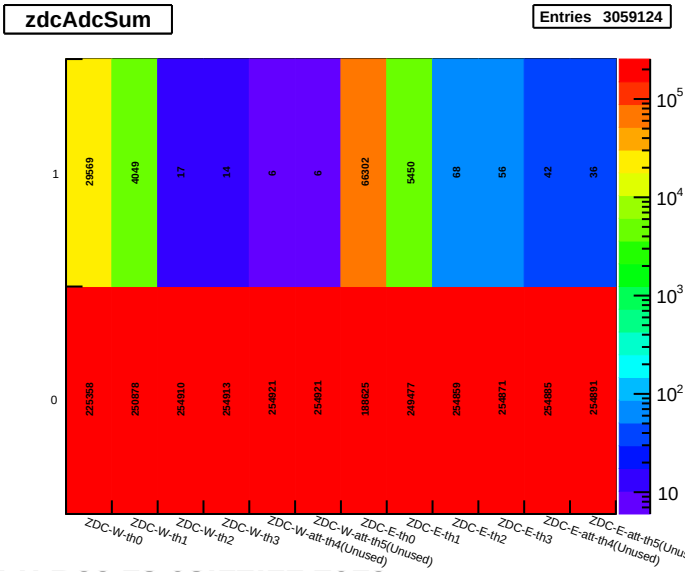

vpdWestTacMaxVsSimu
Entries 197101
Data
Simu

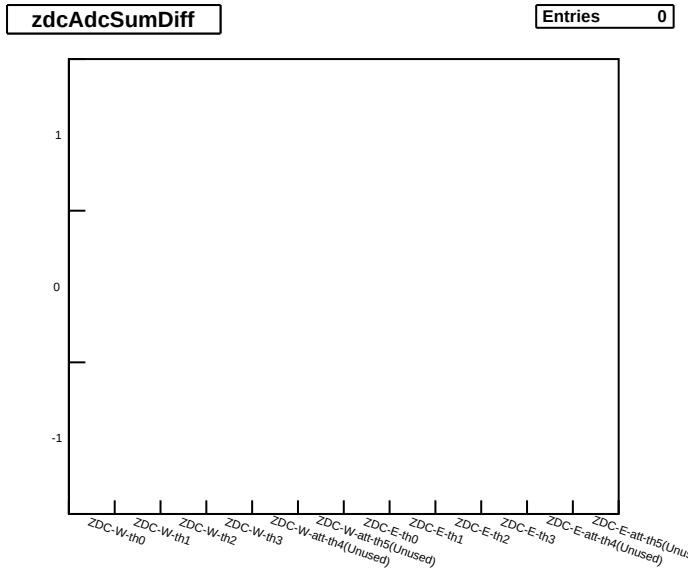

zdcEastTac
Entries 254927

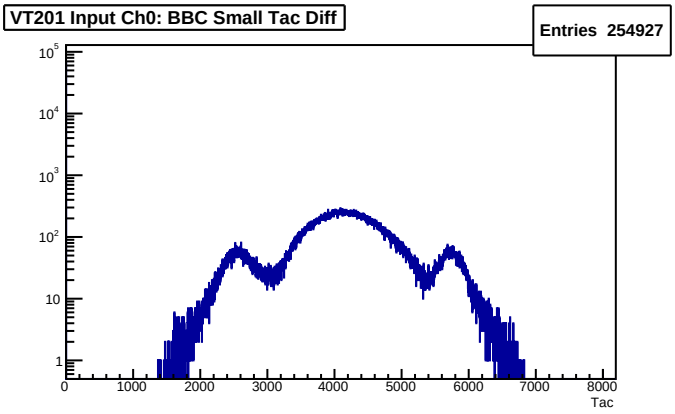

zdcEastTacVsSimu
Entries 1126
Data
Simu

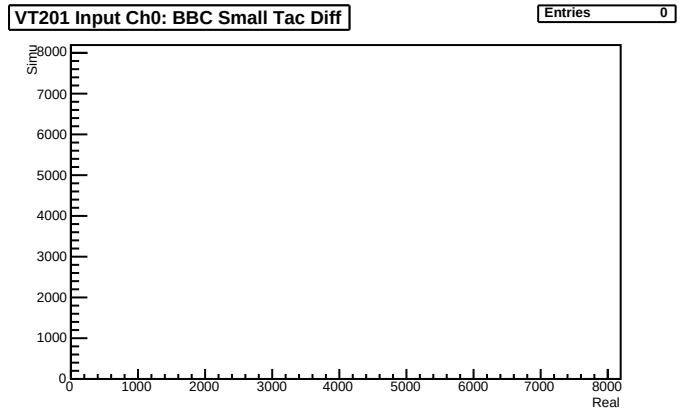

zdcWestTac
Entries 254927

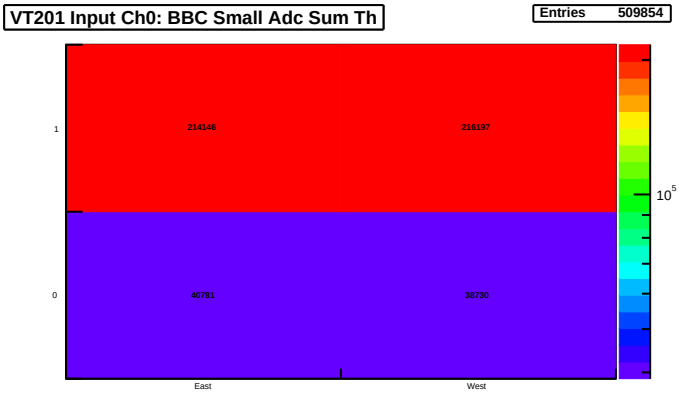

zdcWestTacVsSimu
Entries 2262
Data
Simu

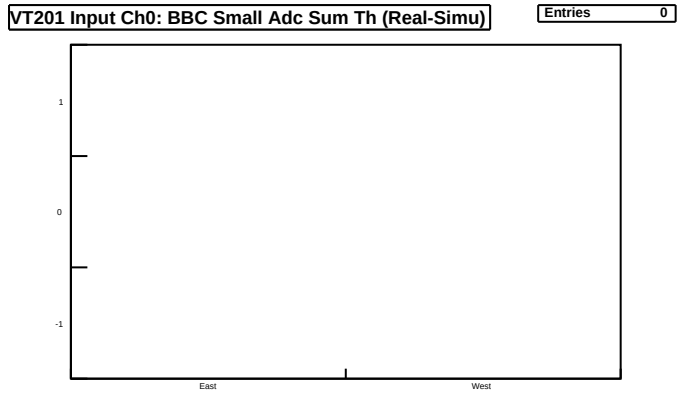

zdcAdcSum
Entries 3059124
29569
4049
17
14
6
6
66302
5450
68
56
42
36
225588
250878
254910
254913
254921
254921
188625
249477
254859
254871
254885
254891
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

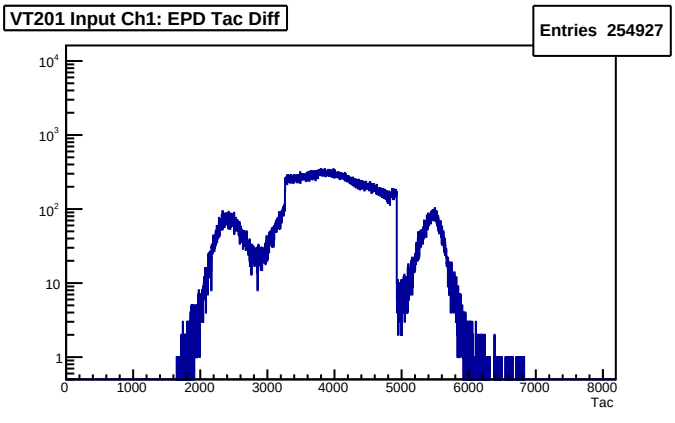

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

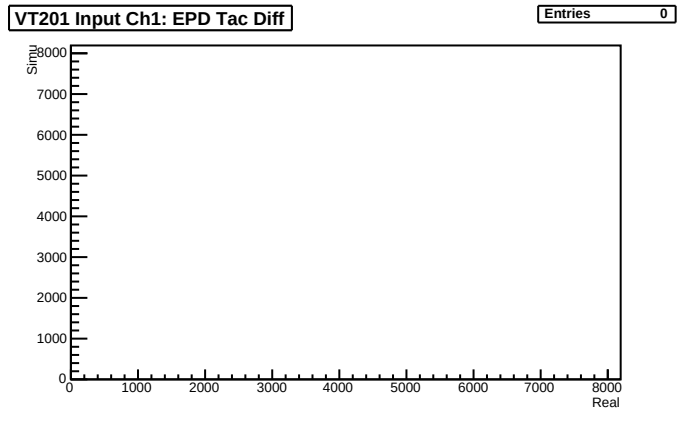

VT201 Input Ch0: BBC Small Tac Diff
Entries 254927
Tac

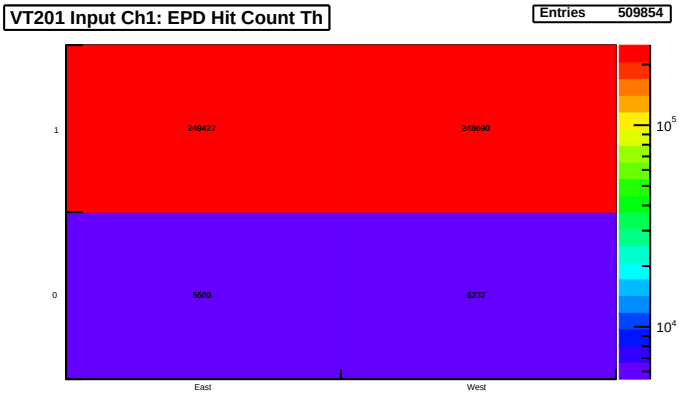

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

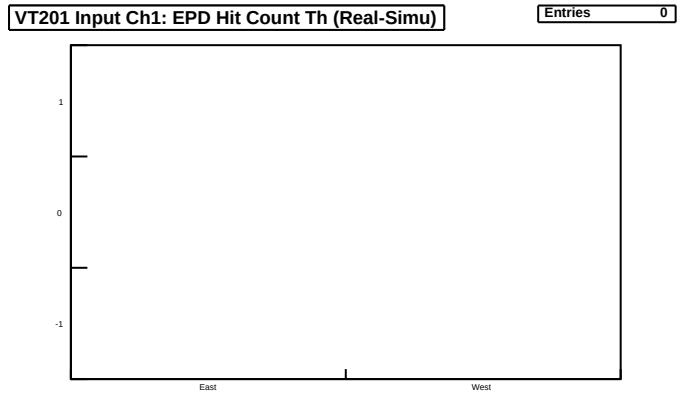

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 509854
214146
216197
40781
38730
East
West

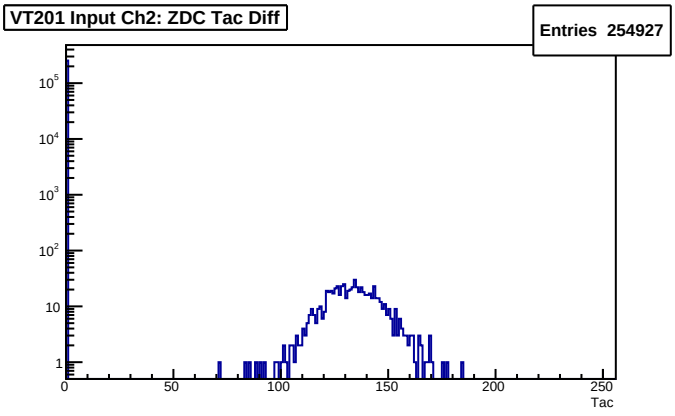

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

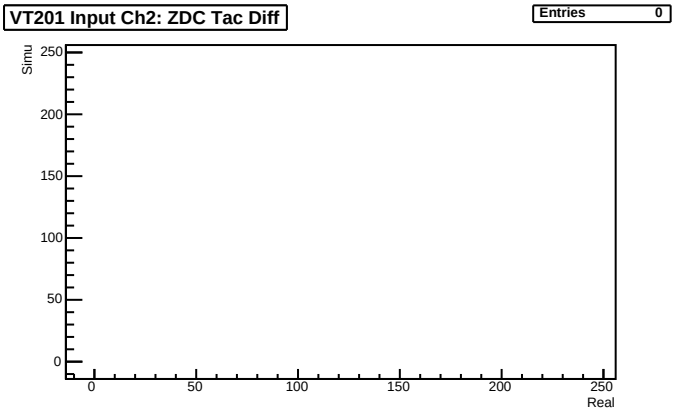

VT201 Input Ch1: EPD Tac Diff
Entries 254927
Tac

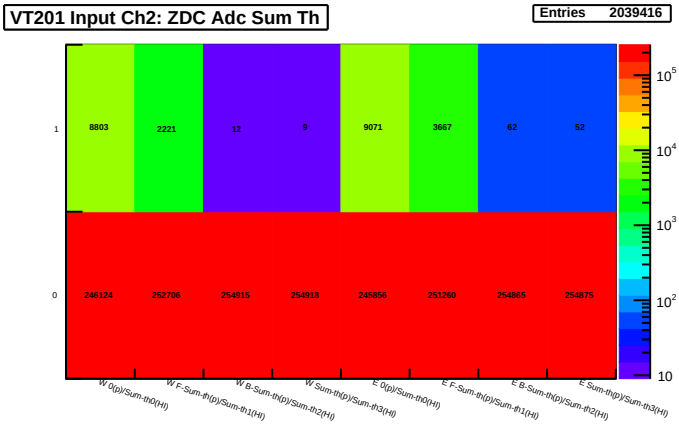

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

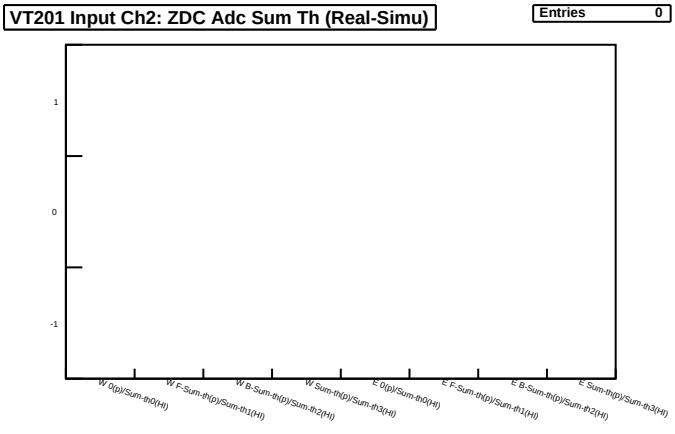

VT201 Input Ch1: EPD Hit Count Th
Entries 509854
249427
248690
5500
6237
East
West

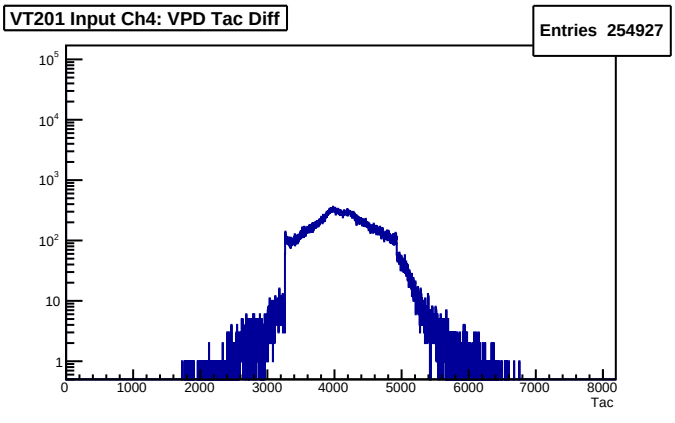

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

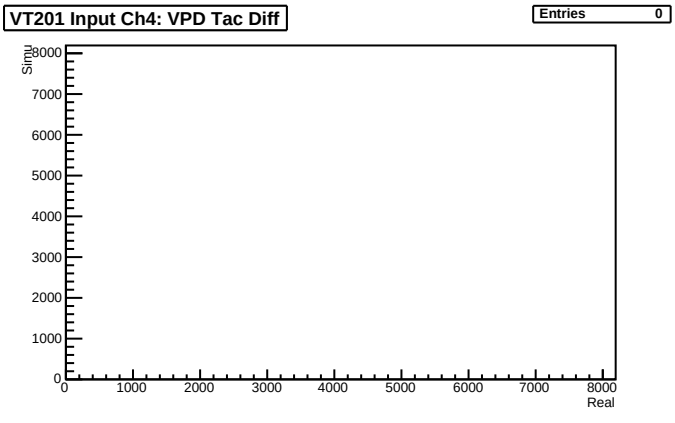

VT201 Input Ch2: ZDC Tac Diff
Entries 254927
Tac

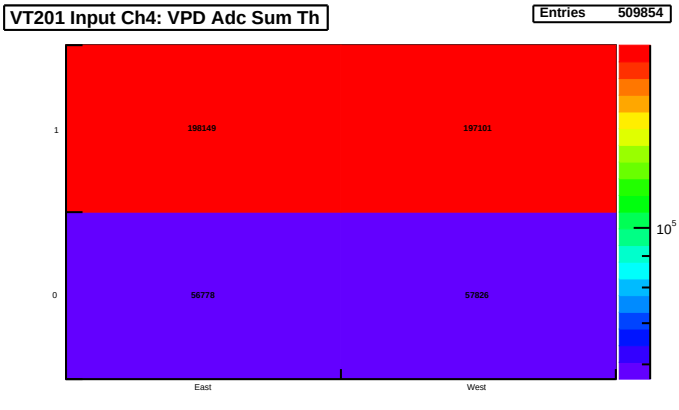

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

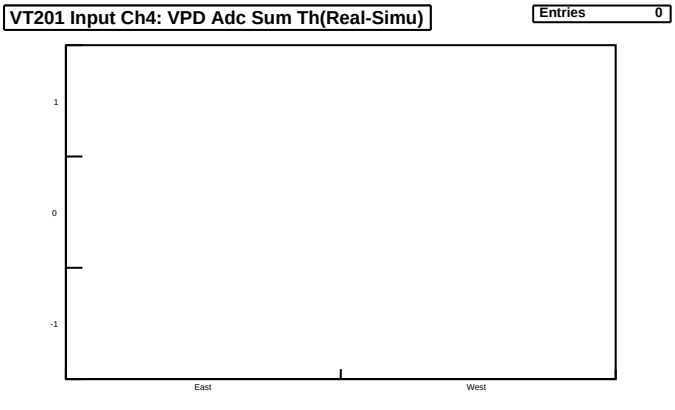

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2039416
8803
2221
12
9
9071
3667
62
52
246124
252706
254915
254918
245856
251260
254865
254875
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

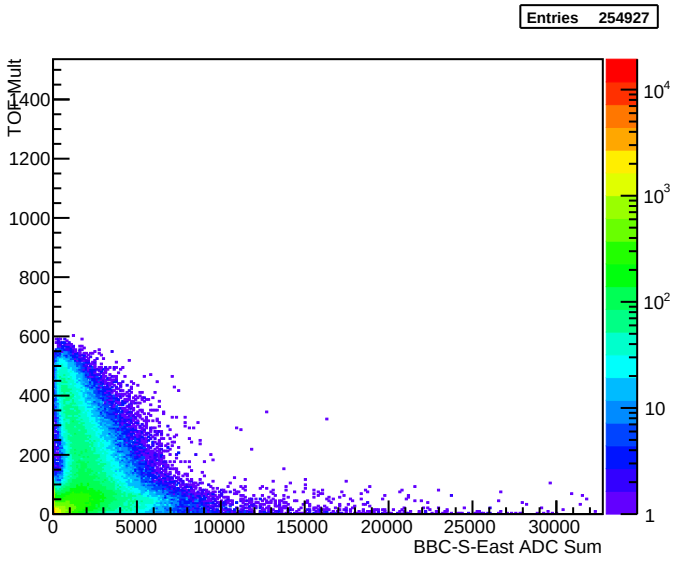

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

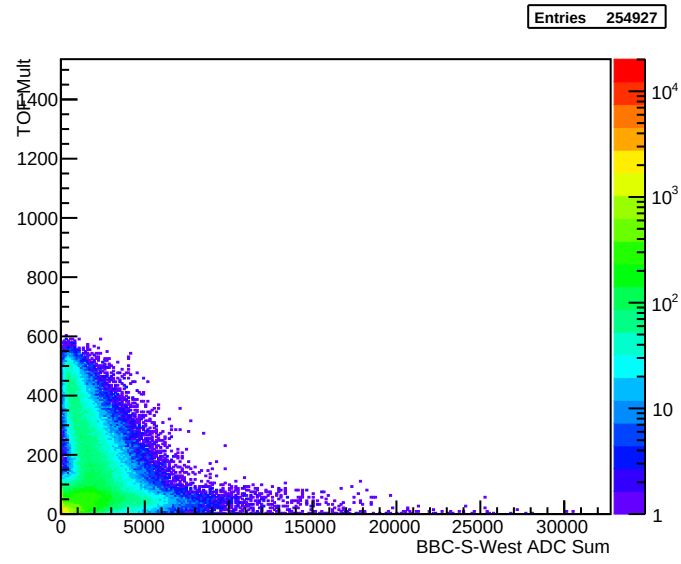

VT201 Input Ch4: VPD Tac Diff
Entries 254927
Tac

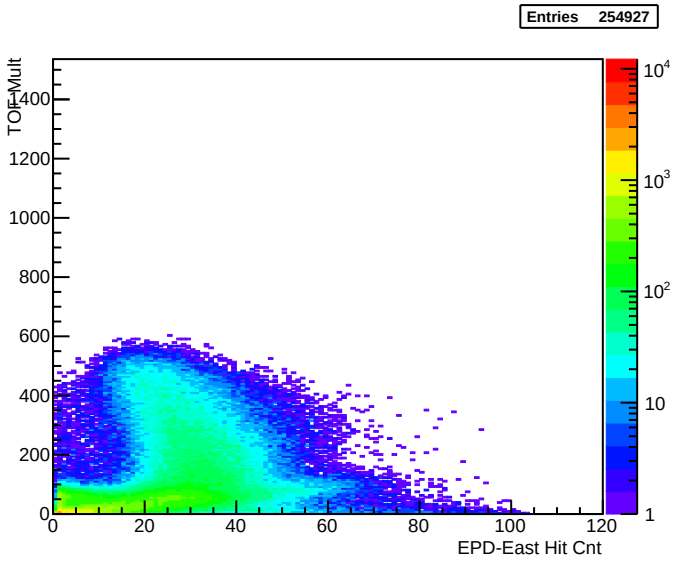

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

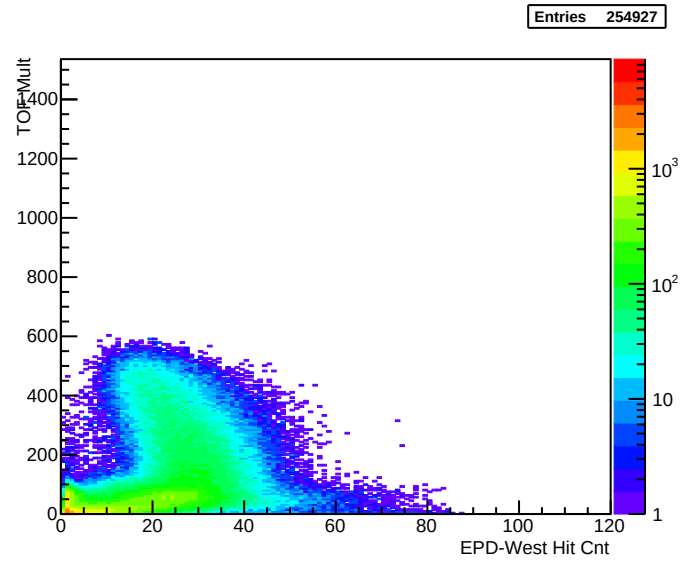

VT201 Input Ch4: VPD Adc Sum Th
Entries 509854
198149
197101
56778
57826
East
West

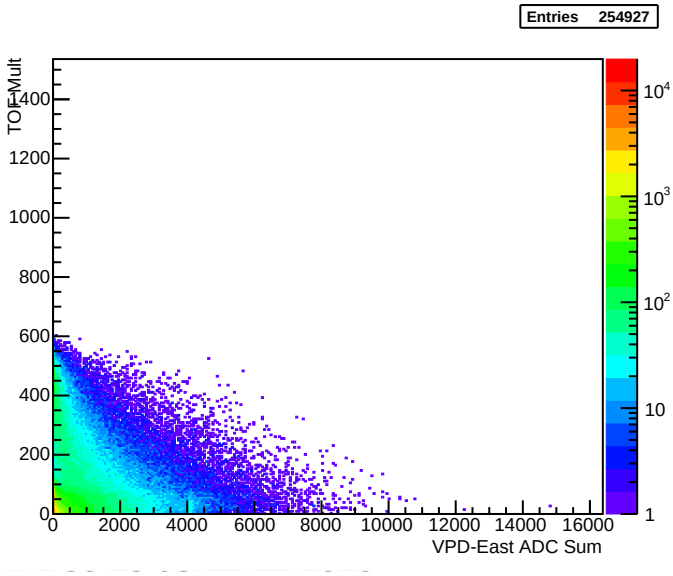

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

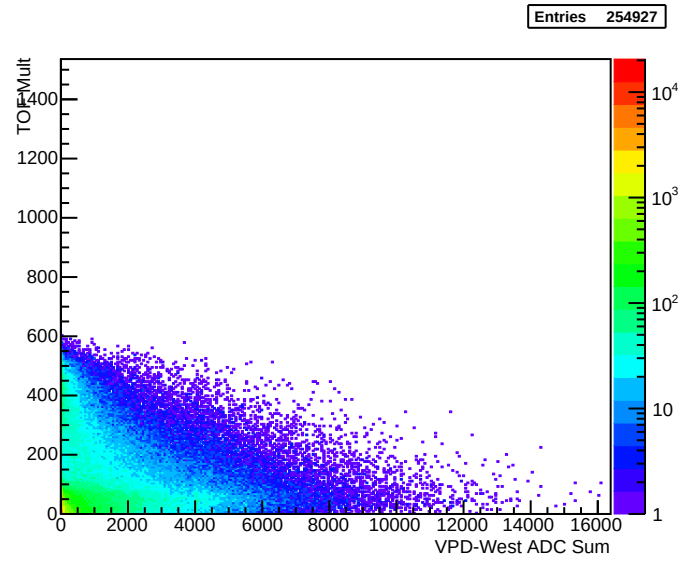

Entries 254927
TOF-Mult
BBC-S-East ADC Sum

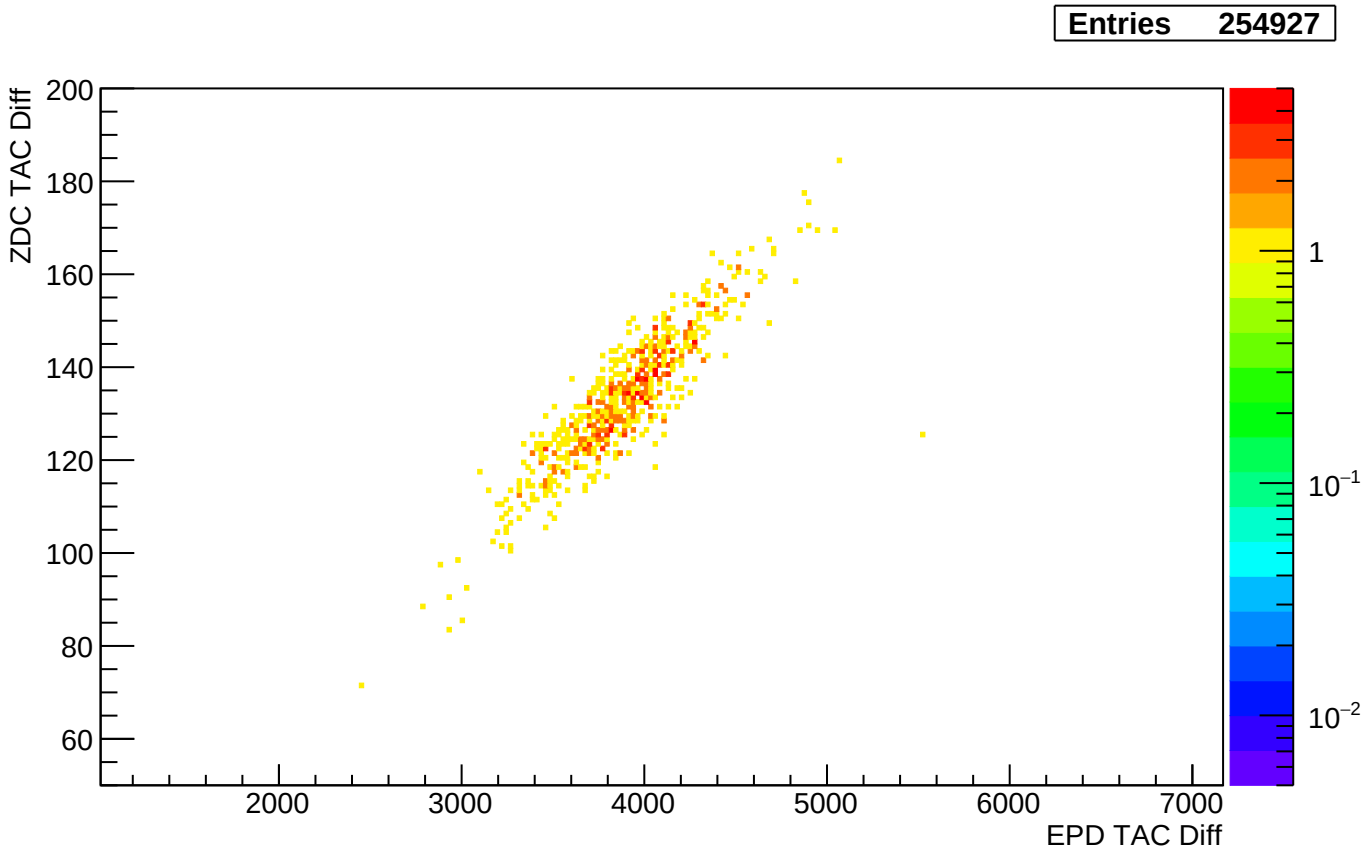

Entries 254927
TOF-Mult
BBC-S-West ADC Sum

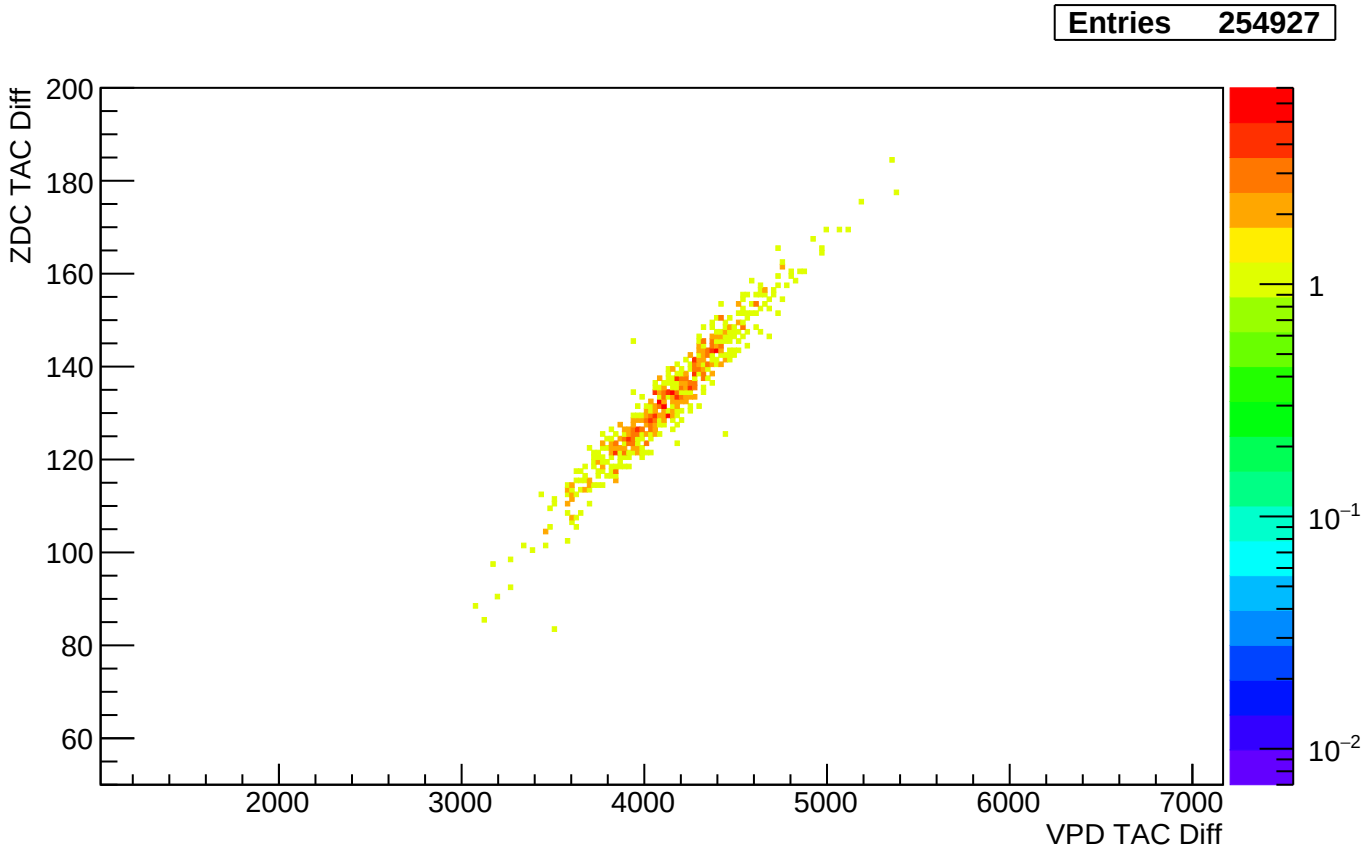

Entries 254927
TOF-Mult
EPD-East Hit Cnt

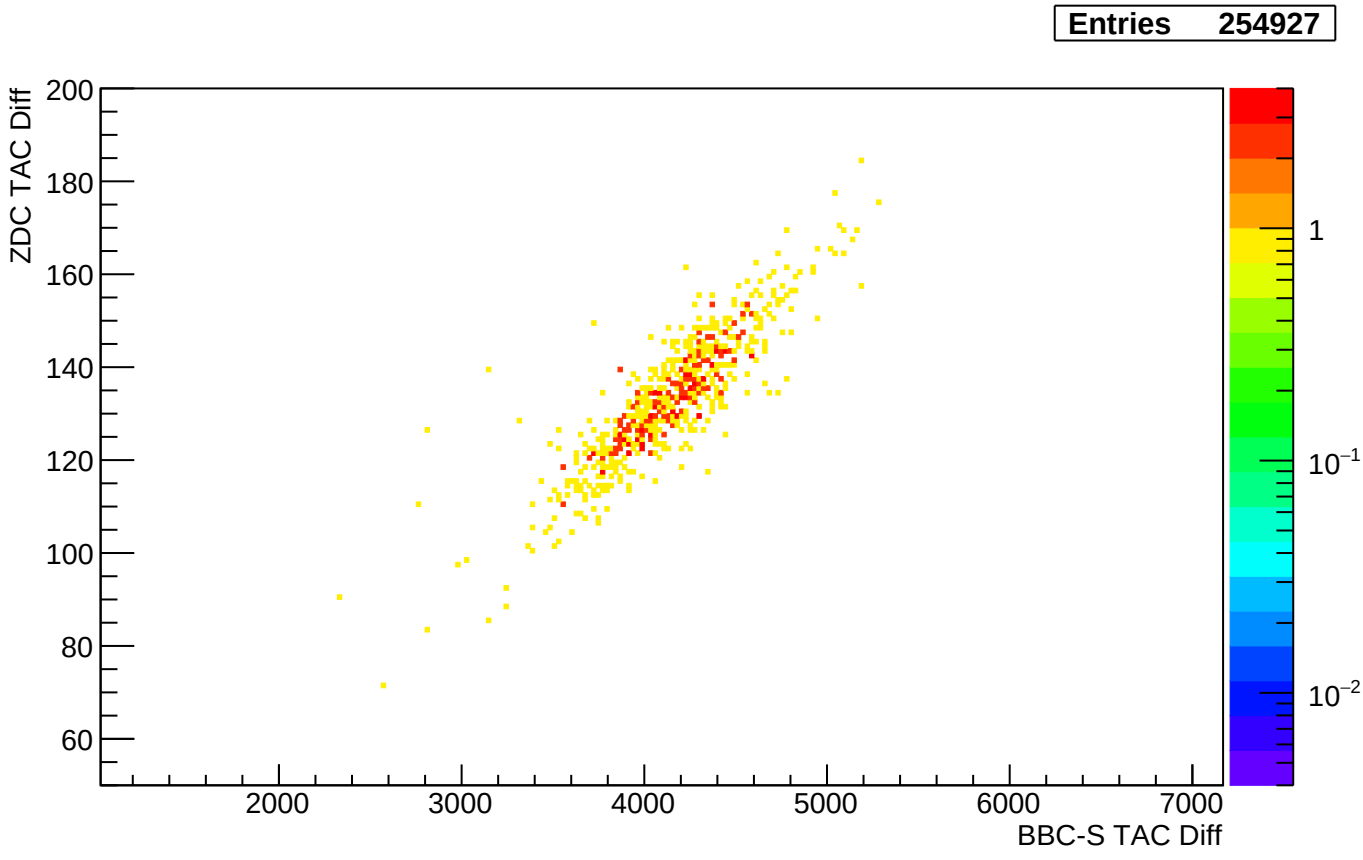

Entries 254927
TOF-Mult
EPD-West Hit Cnt

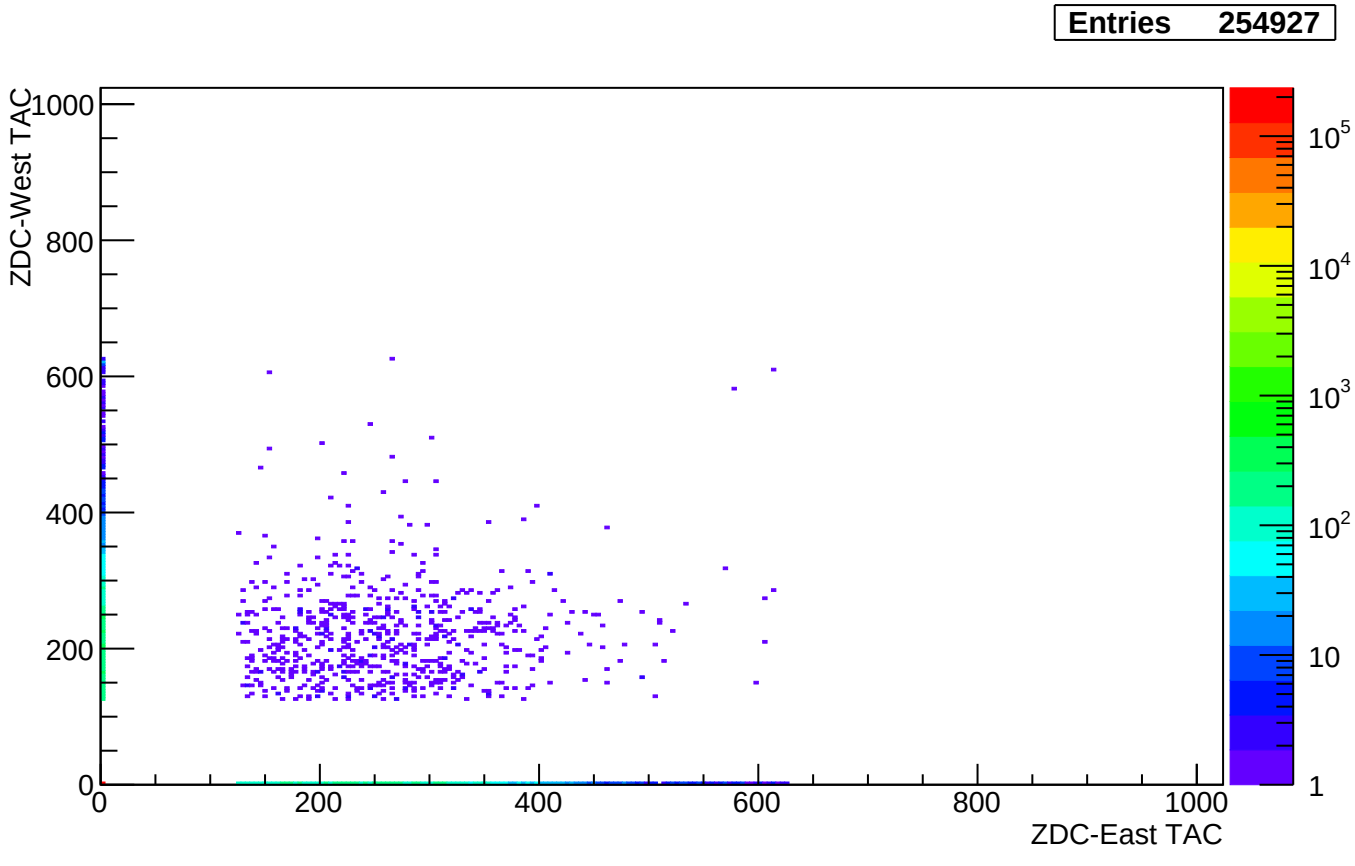

Entries 254927
TOF-Mult
VPD-East ADC Sum

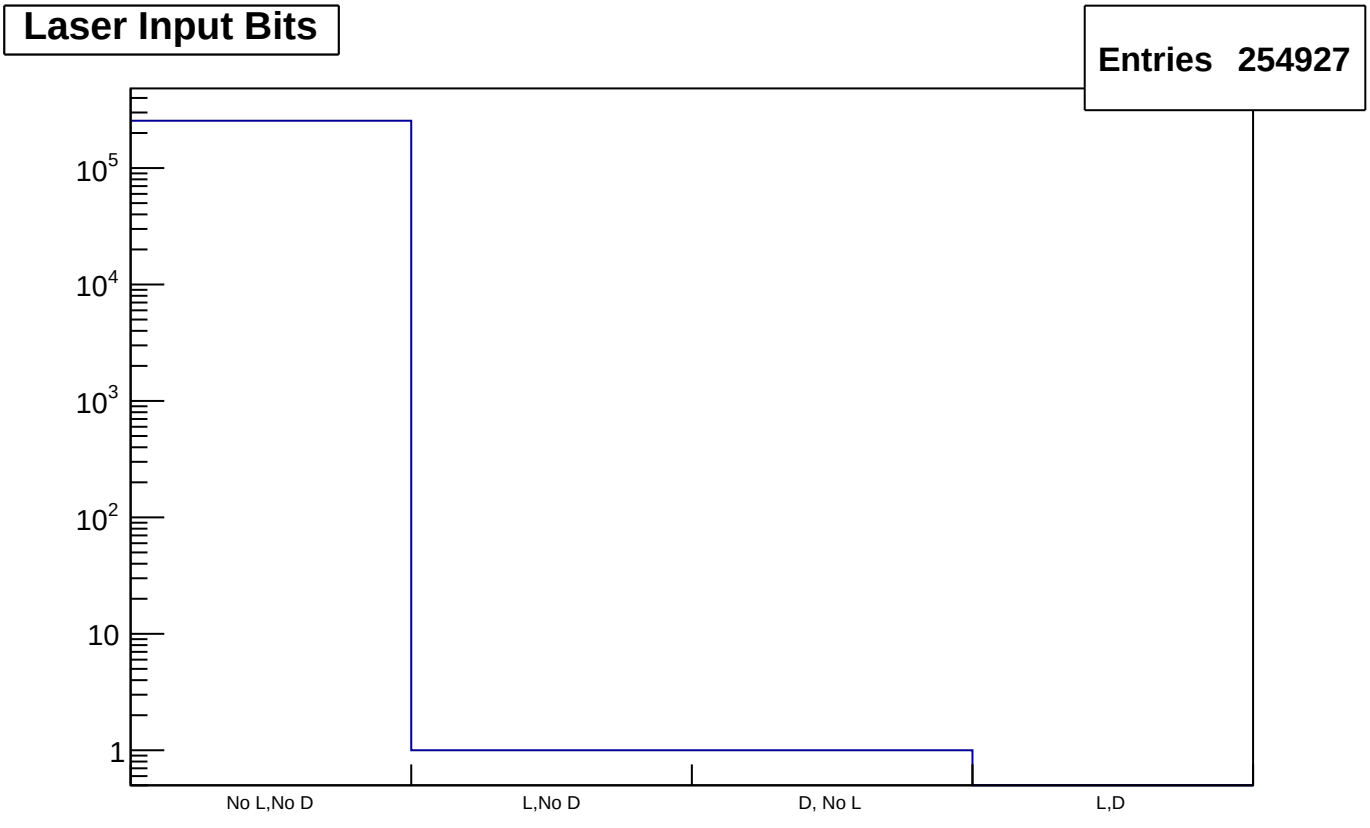

Entries 254927
TOF-Mult
VPD-West ADC Sum

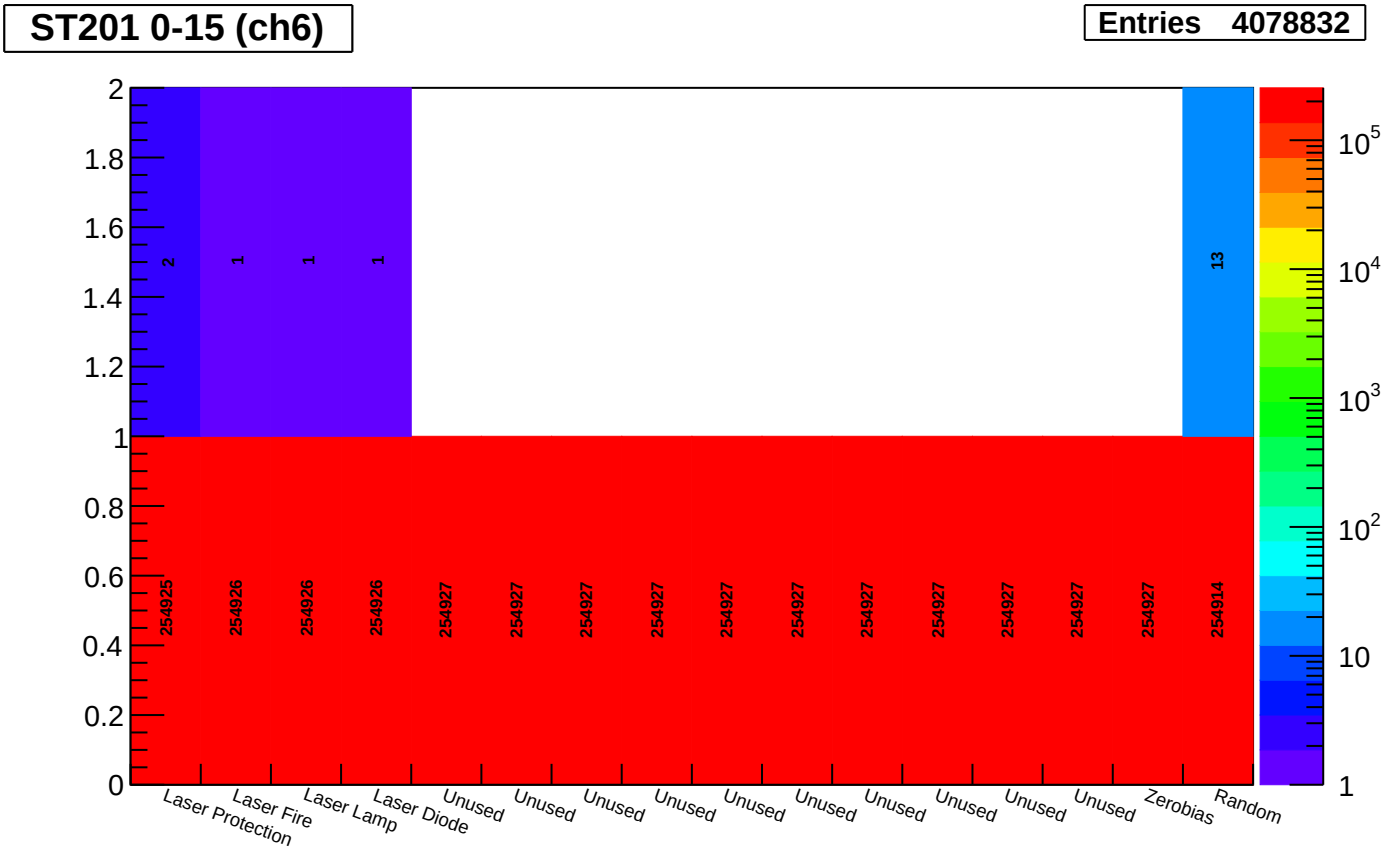

Entries 254927
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

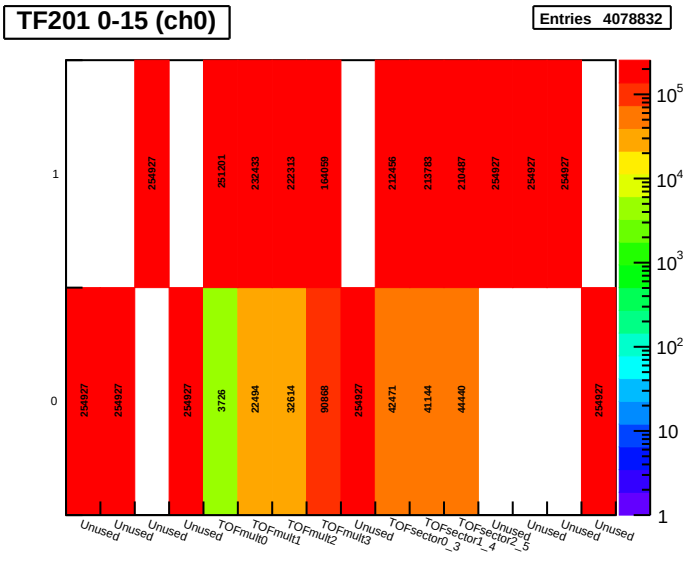

Entries 254927
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

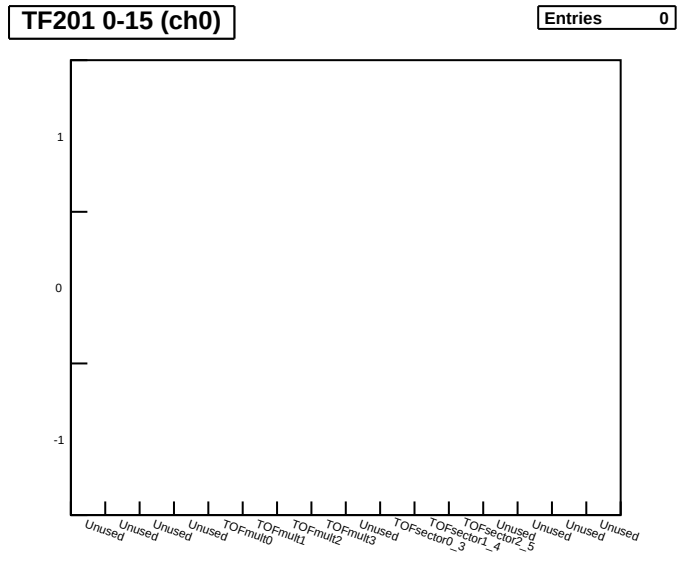

Entries 254927
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

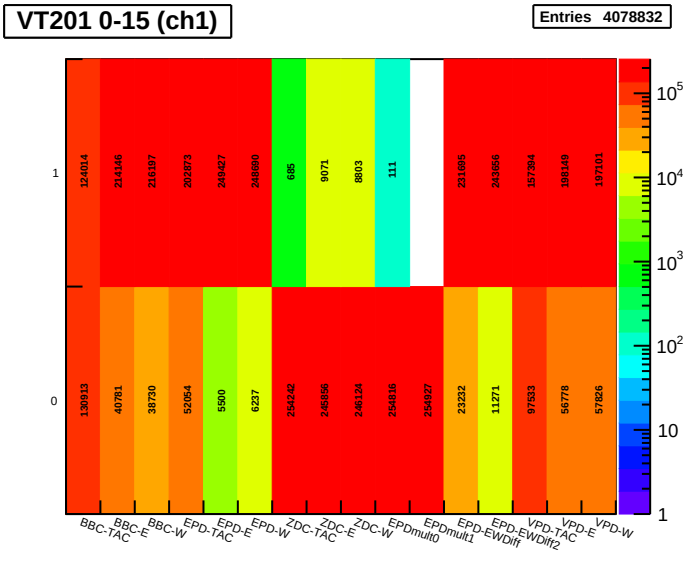

Entries 254927
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

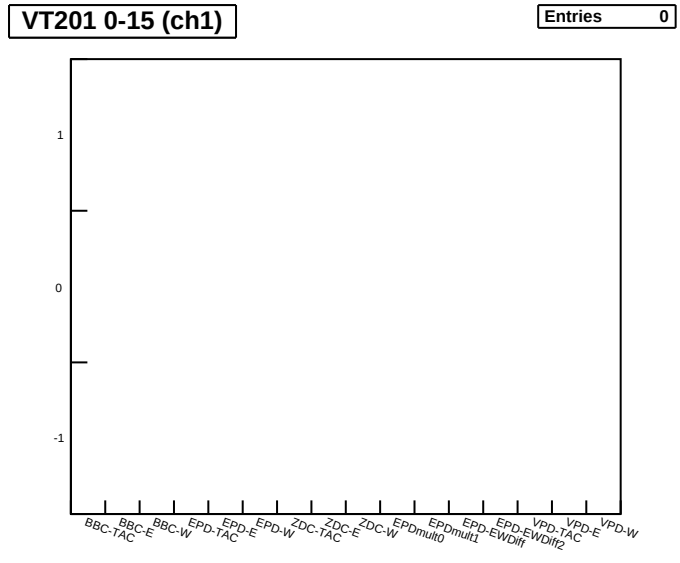

Laser Input Bits
Entries 254927
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

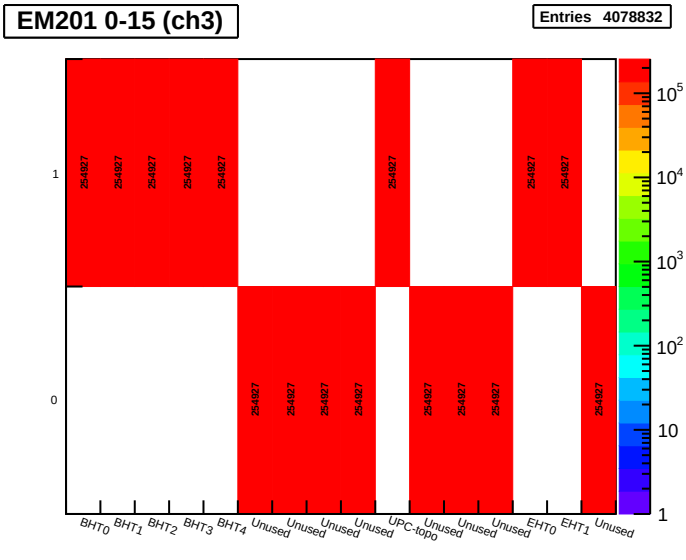

ST201 0-15 (ch6)
Entries 4078832
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
13
254925
254926
254926
254926
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
254914
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

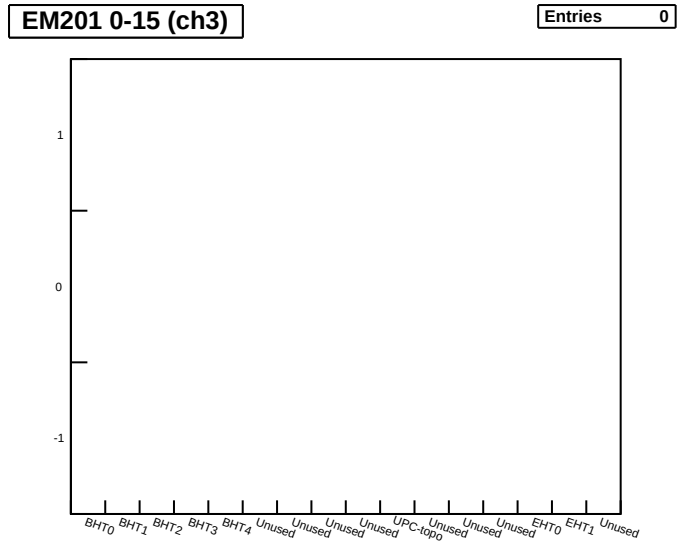

TF201 0-15 (ch0)
Entries 4078832
1
0
254927
251201
232433
222313
164059
212456
213783
210487
254927
254927
254927
254927
254927
254927
3726
22494
32614
90868
42471
41144
44440
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4078832
1
0
124014
214146
216197
202873
249427
248690
685
9071
8803
111
231695
243656
157394
198149
197101
130913
40781
38730
52054
5500
6237
254242
245956
246124
254816
254927
23232
11271
97533
56778
57826
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 4078832
1
0
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
254927
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1