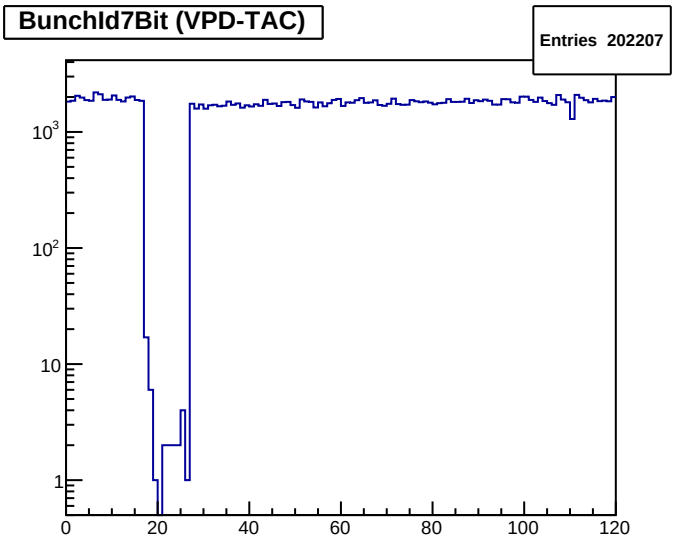
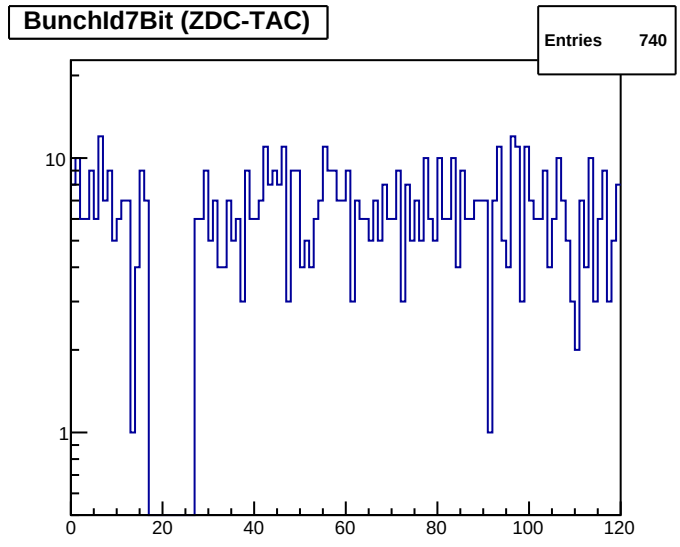
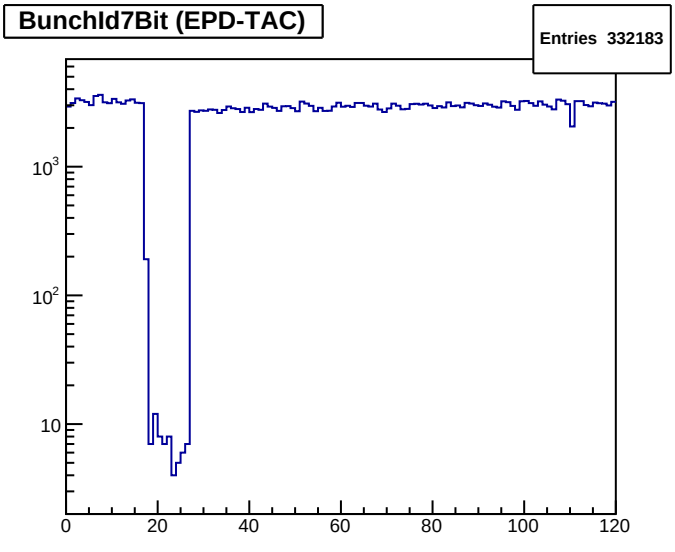
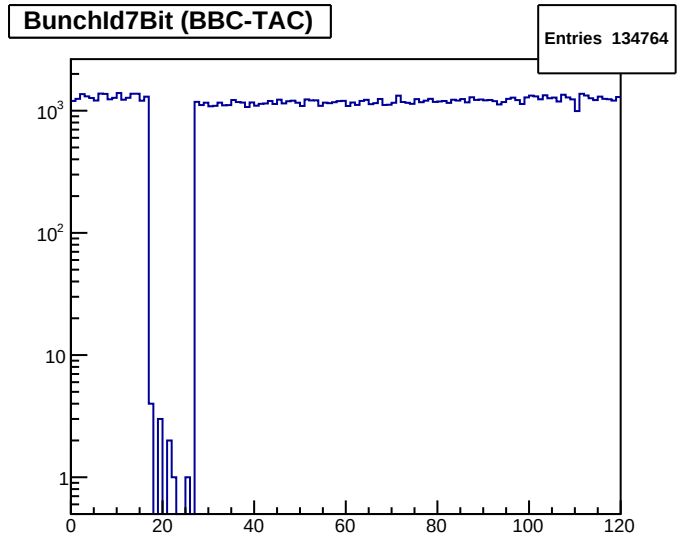
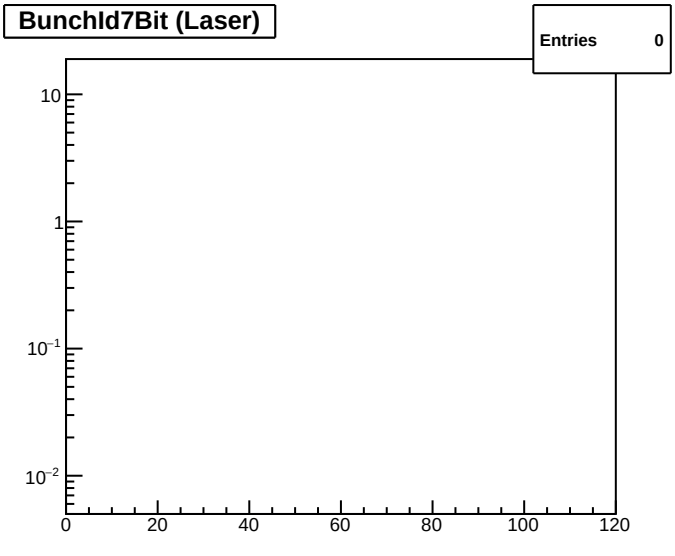
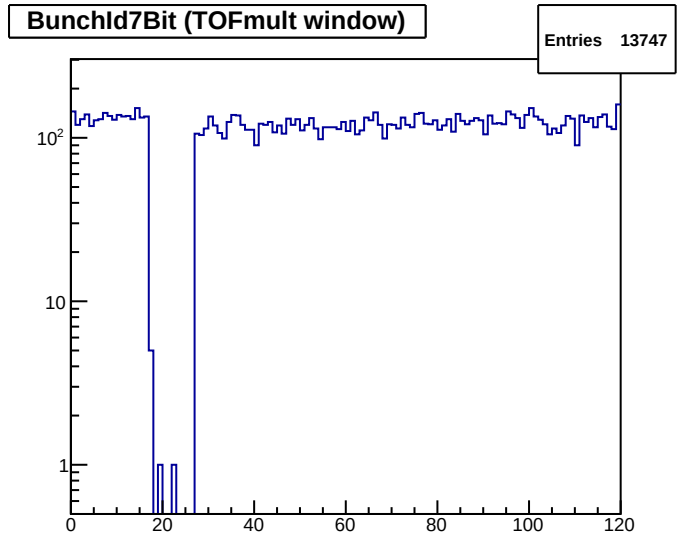

BunchId7Bit (VPD-TAC)
Entries 202207

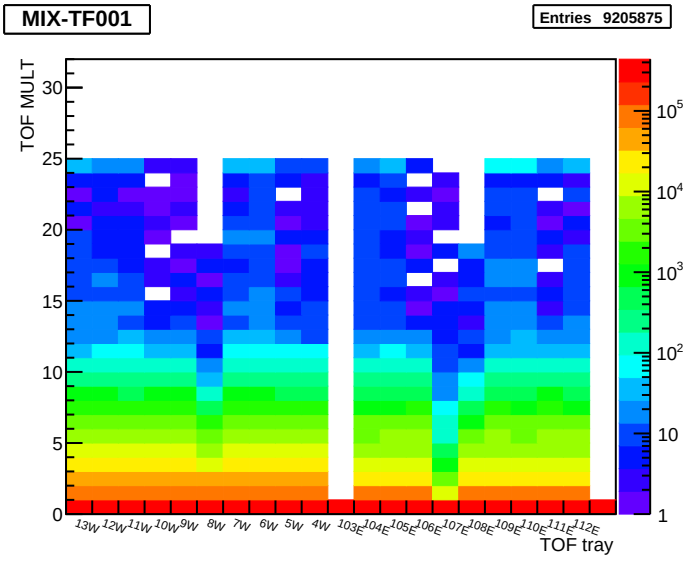

BunchId7Bit (ZDC-TAC)
Entries 740

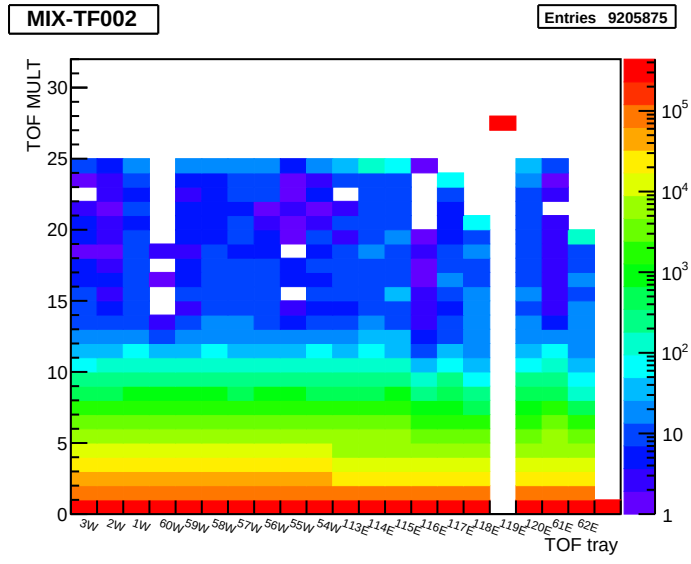

BunchId7Bit (EPD-TAC)
Entries 332183

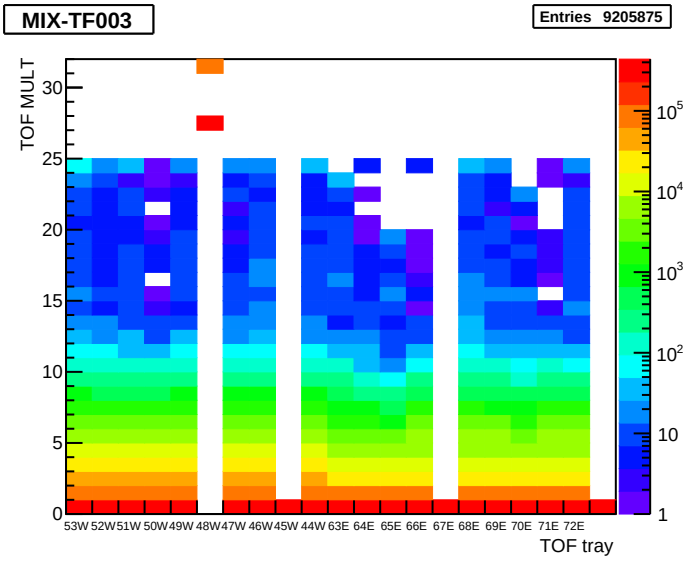

BunchId7Bit (BBC-TAC)
Entries 134764

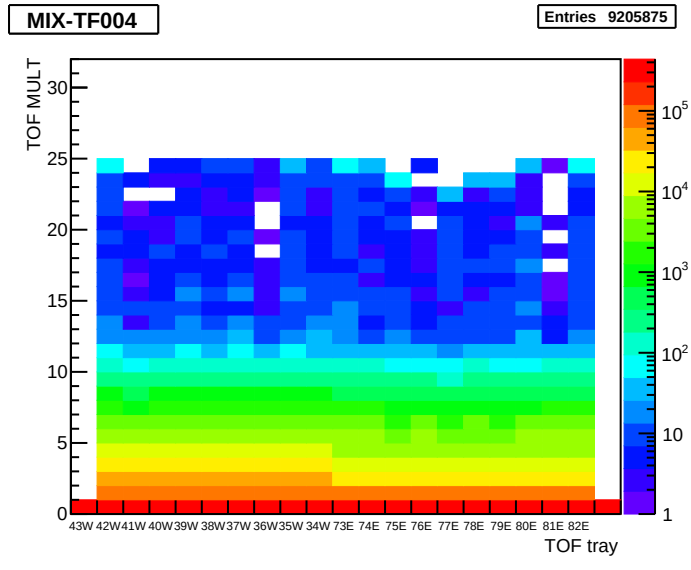

BunchId7Bit (Laser)
Entries 0

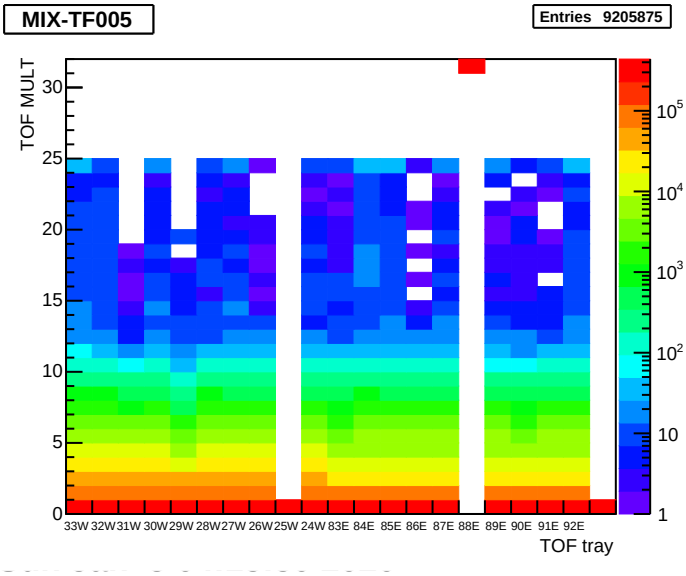

BunchId7Bit (TOFmult window)
Entries 13747

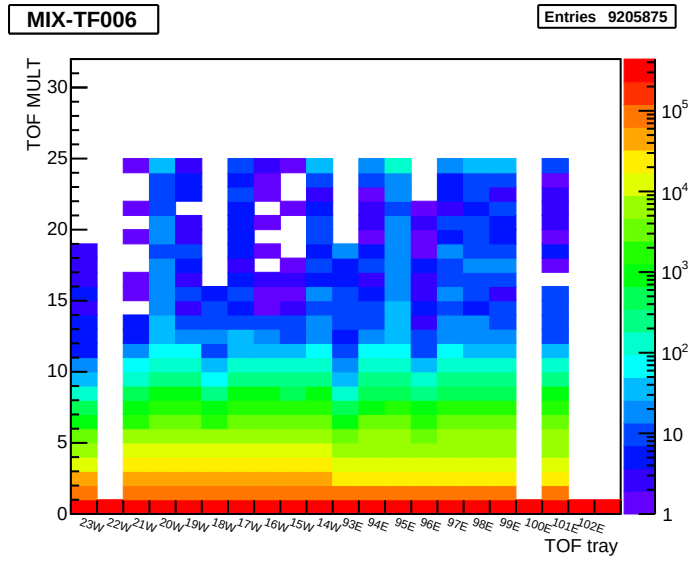

MIX-TF001
Entries 9205875
TOF MULT
TOF tray

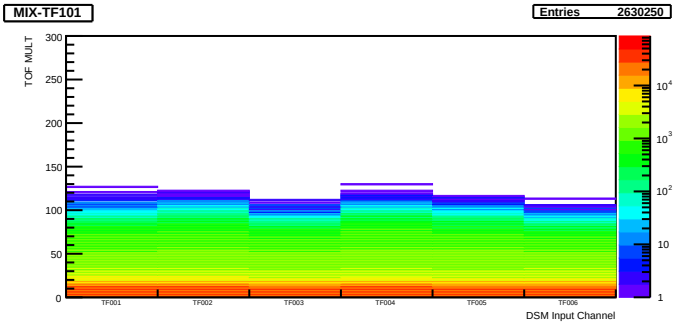

MIX-TF002
Entries 9205875
TOF MULT
TOF tray

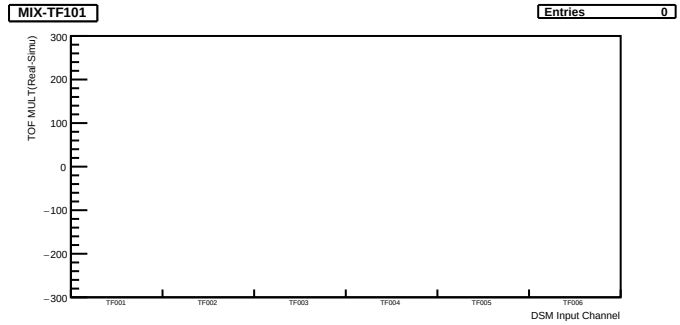

MIX-TF003
Entries 9205875
TOF MULT
TOF tray

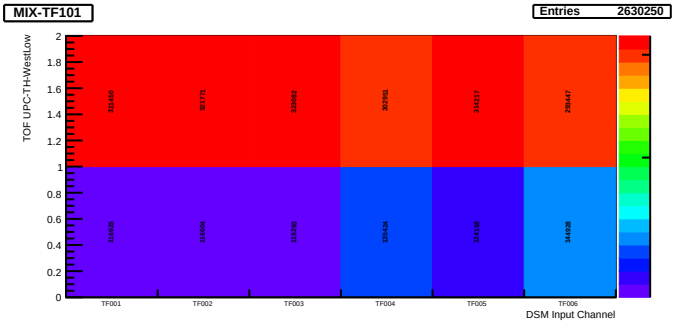

MIX-TF004
Entries 9205875
TOF MULT
TOF tray

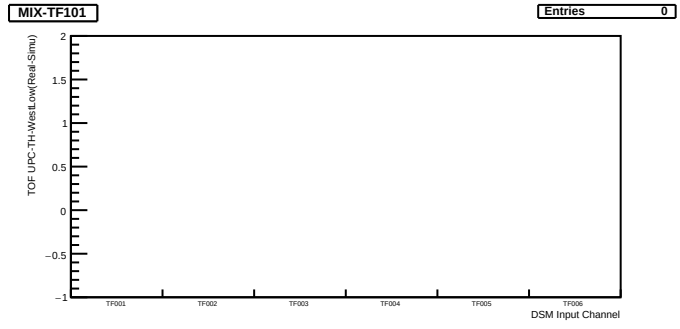

MIX-TF005
Entries 9205875
TOF MULT
TOF tray

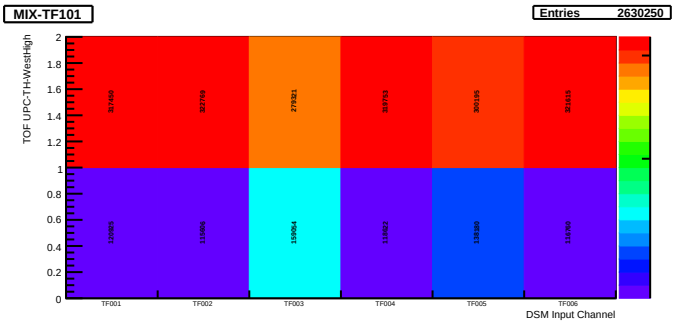

MIX-TF006
Entries 9205875
TOF MULT
TOF tray

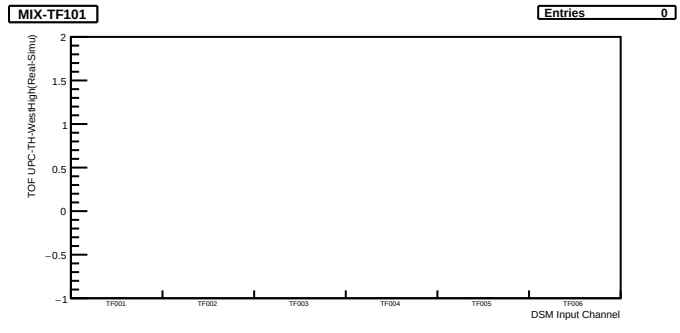

MIX-TF101
Entries 2630250
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

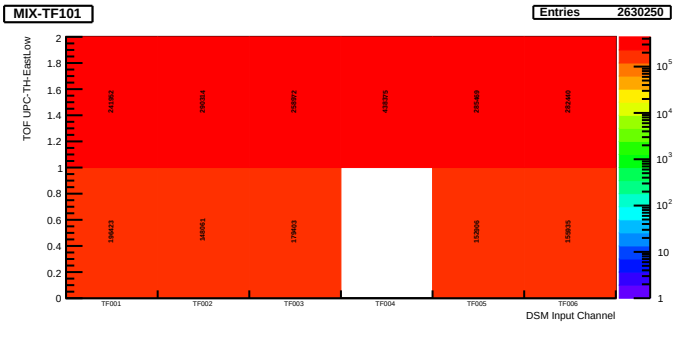

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

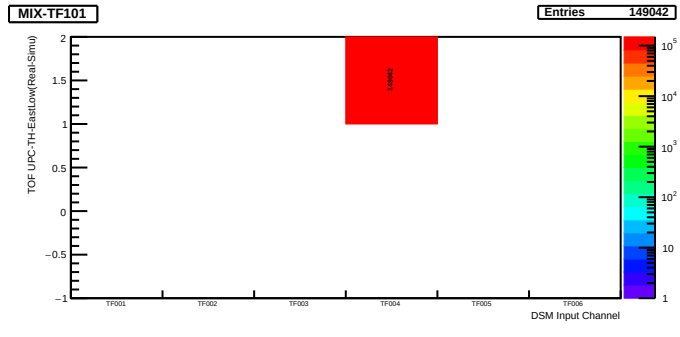

MIX-TF101
Entries 2630250
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

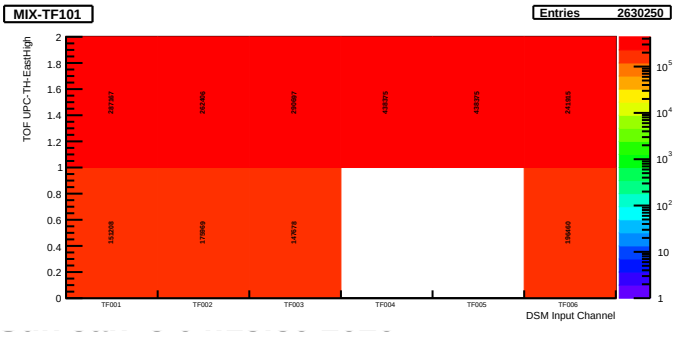

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

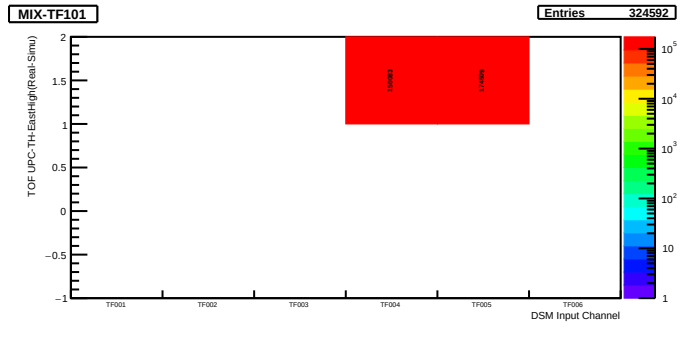

MIX-TF101
Entries 2630250
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

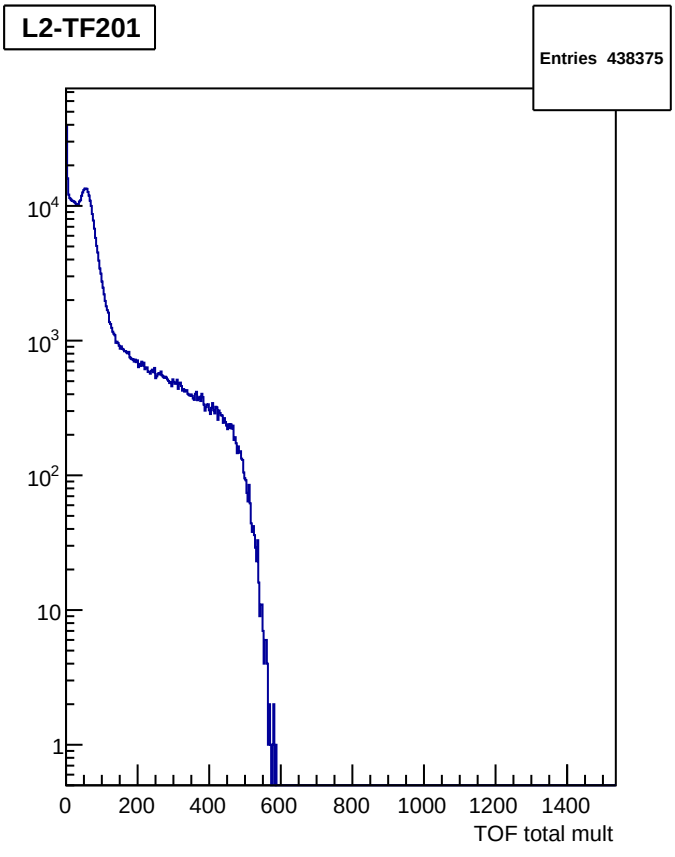

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

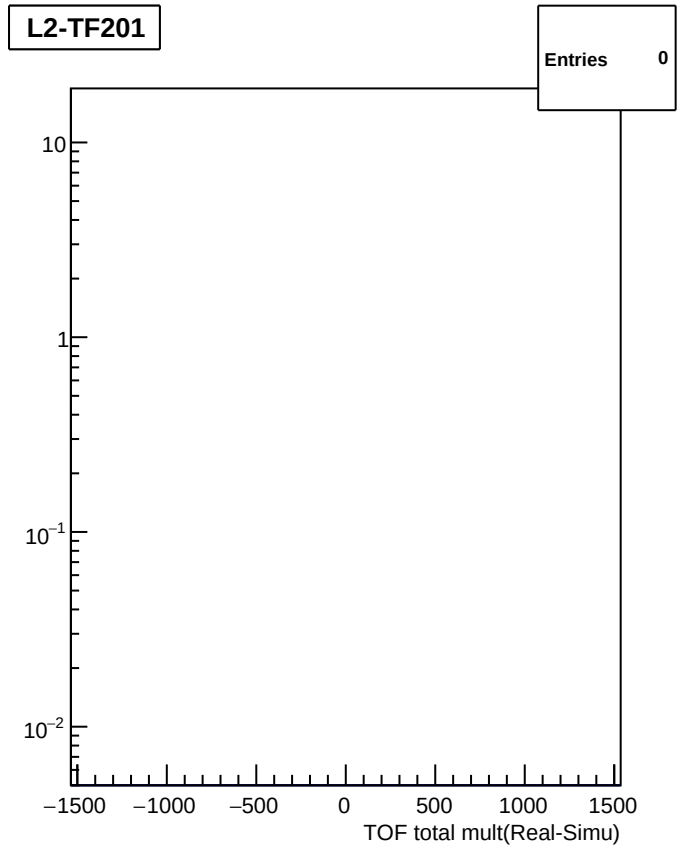

MIX-TF101
Entries 2630250
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

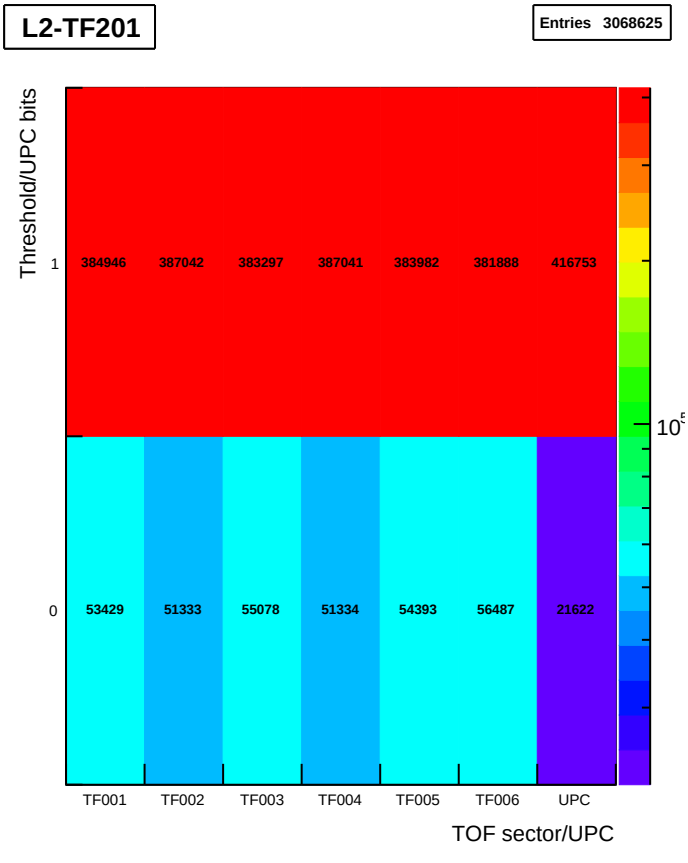

MIX-TF101
Entries 149042
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

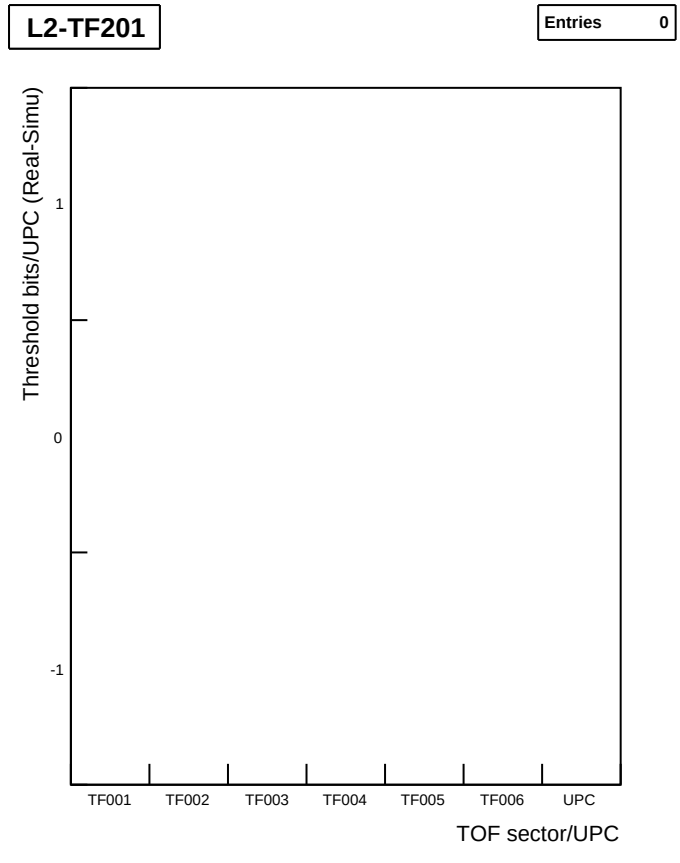

MIX-TF101
Entries 2630250
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

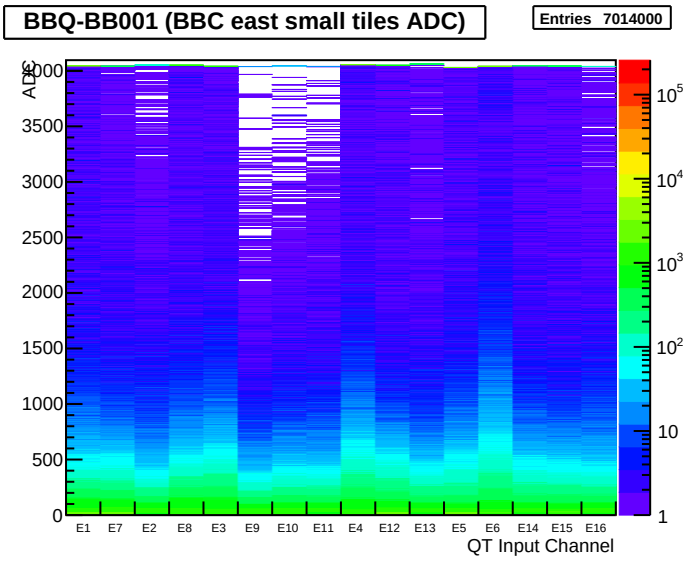

MIX-TF101
Entries 324592
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

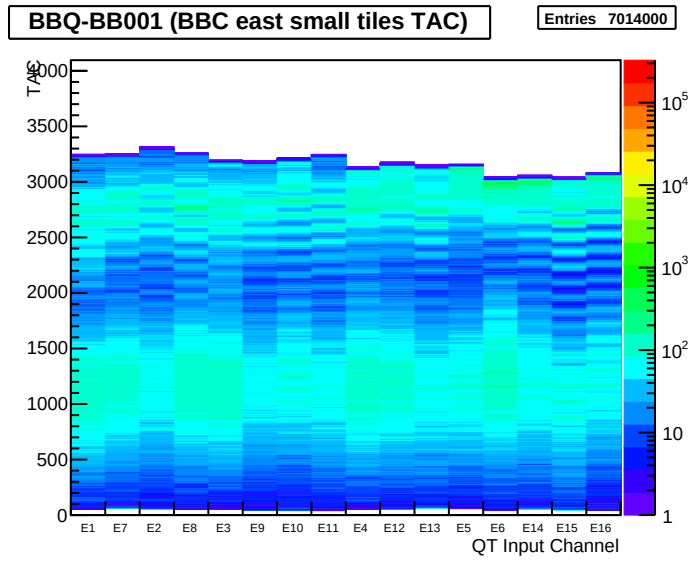

L2-TF201
Entries 438375
TOF total mult

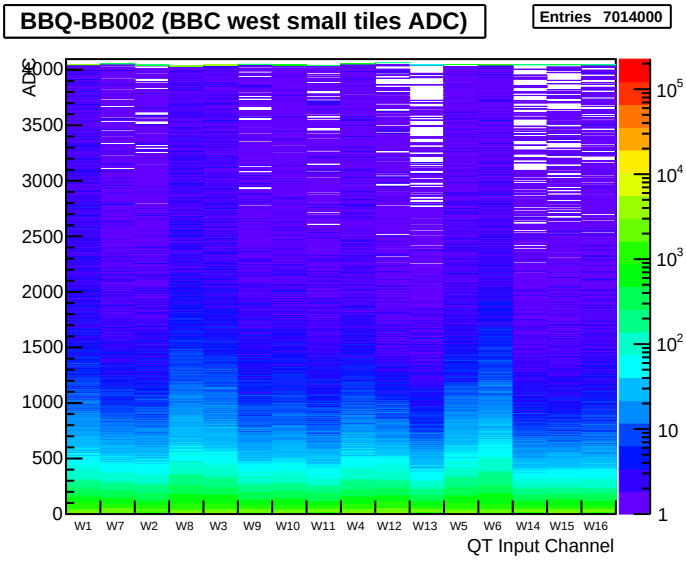

L2-TF201
Entries 0
TOF total mult(Real-Simu)

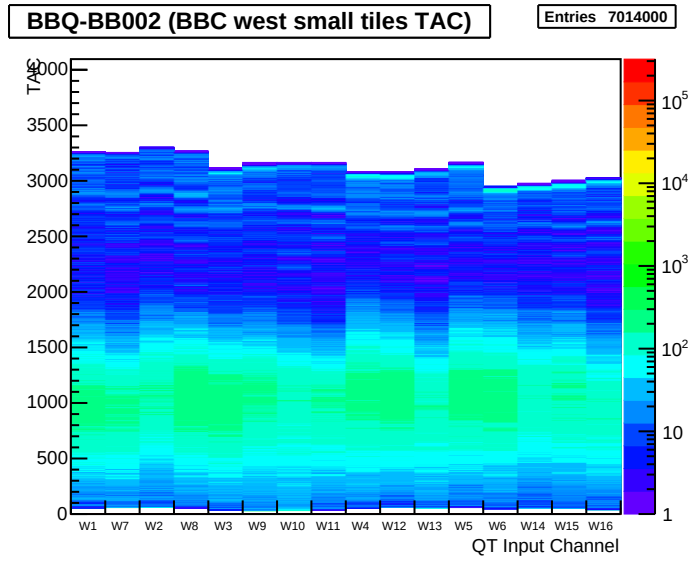

L2-TF201
Entries 3068625
Threshold/UPC bits
384946
387042
383297
387041
383982
381888
416753
53429
51333
55078
51334
54393
56487
21622
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

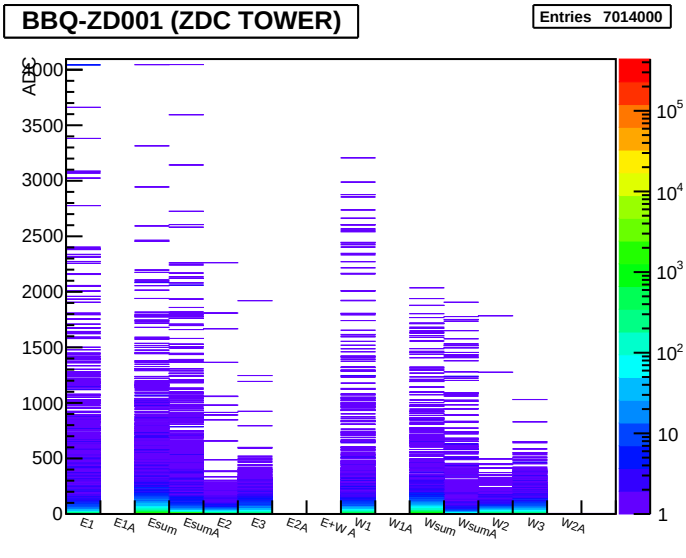

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

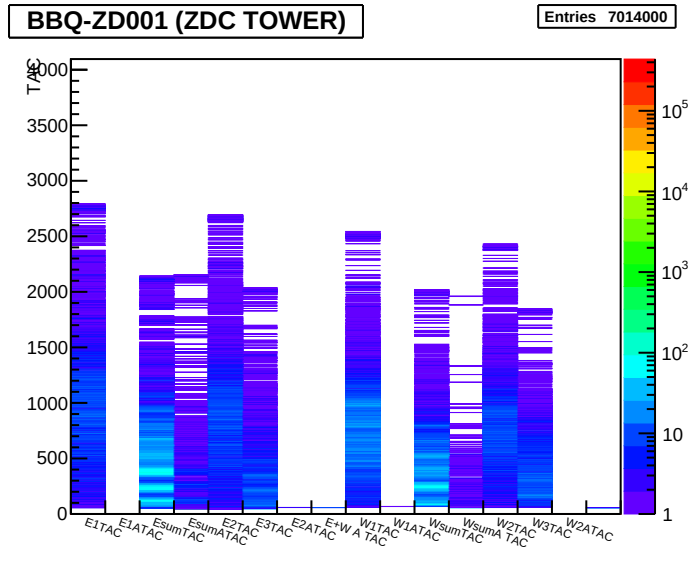

BBQ-BB001 (BBC east small tiles ADC)
Entries 7014000
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

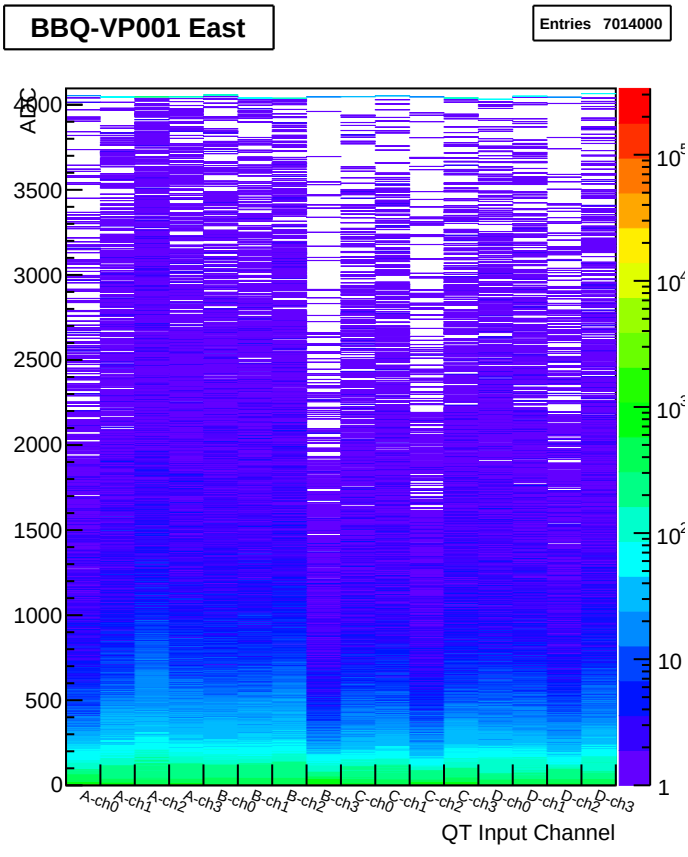

BBQ-BB001 (BBC east small tiles TAC)
Entries 7014000
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

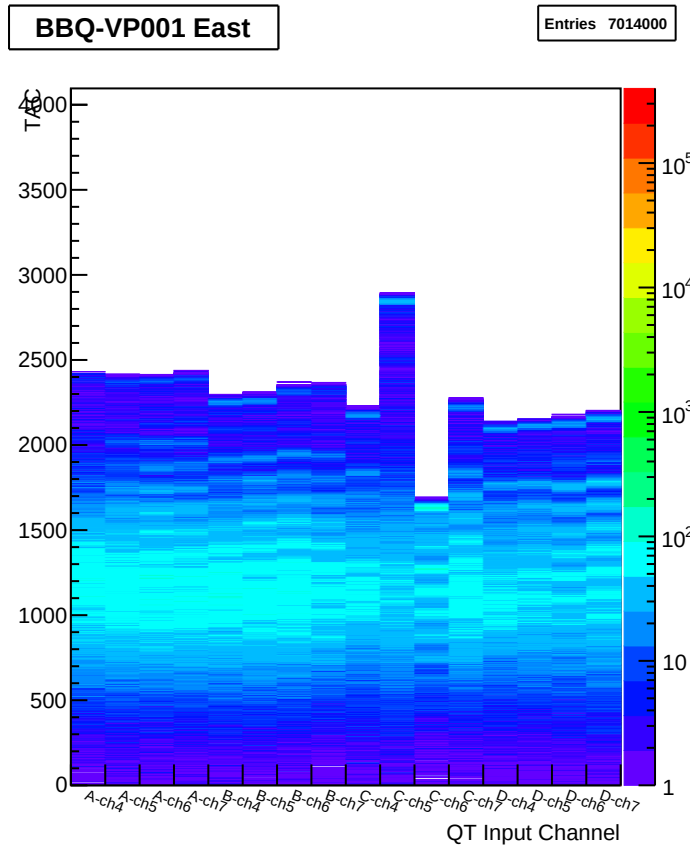

BBQ-BB002 (BBC west small tiles ADC)
Entries 7014000
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

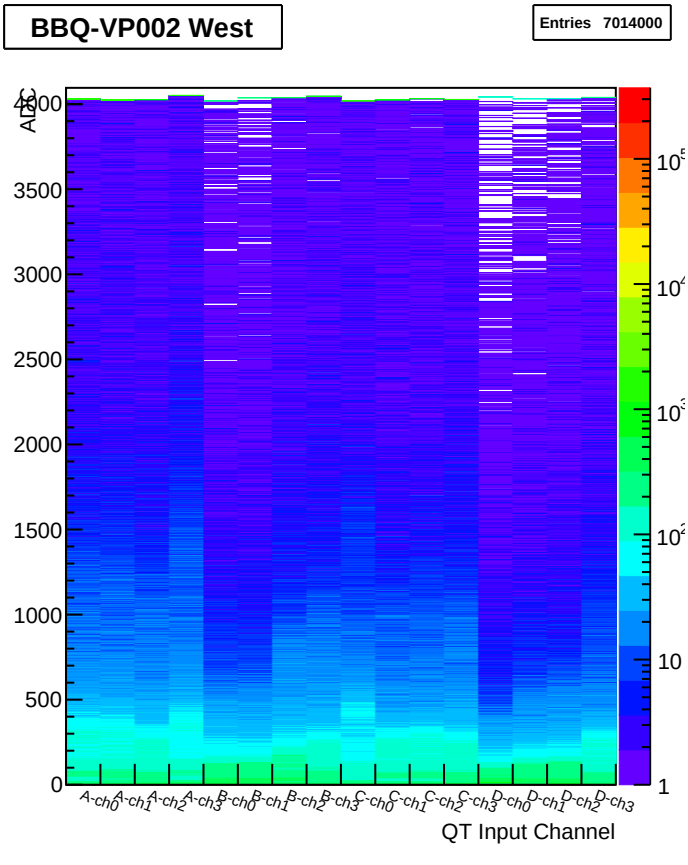

BBQ-BB002 (BBC west small tiles TAC)
Entries 7014000
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

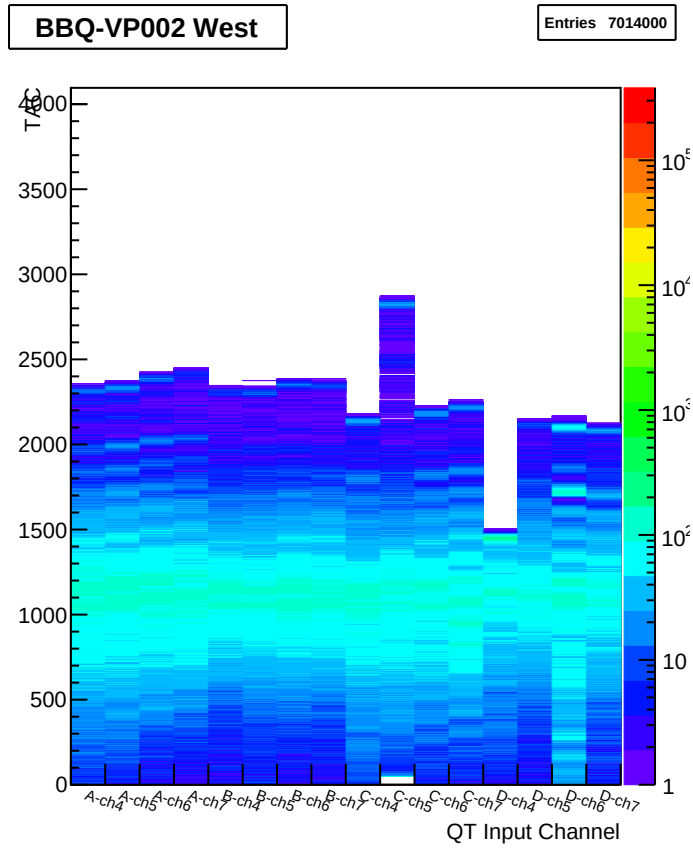

BBQ-ZD001 (ZDC TOWER)
Entries 7014000
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

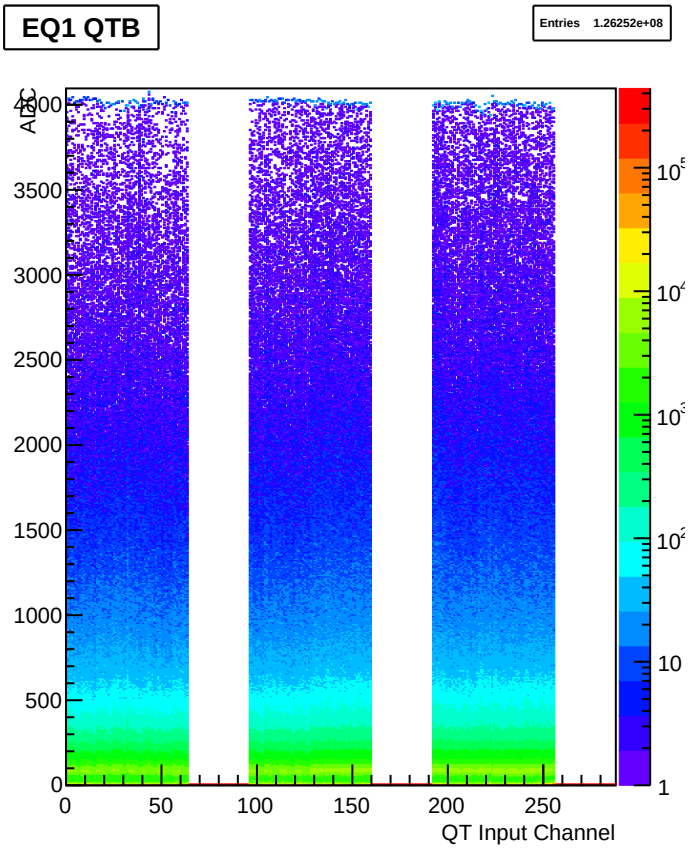

BBQ-ZD001 (ZDC TOWER)
Entries 7014000
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

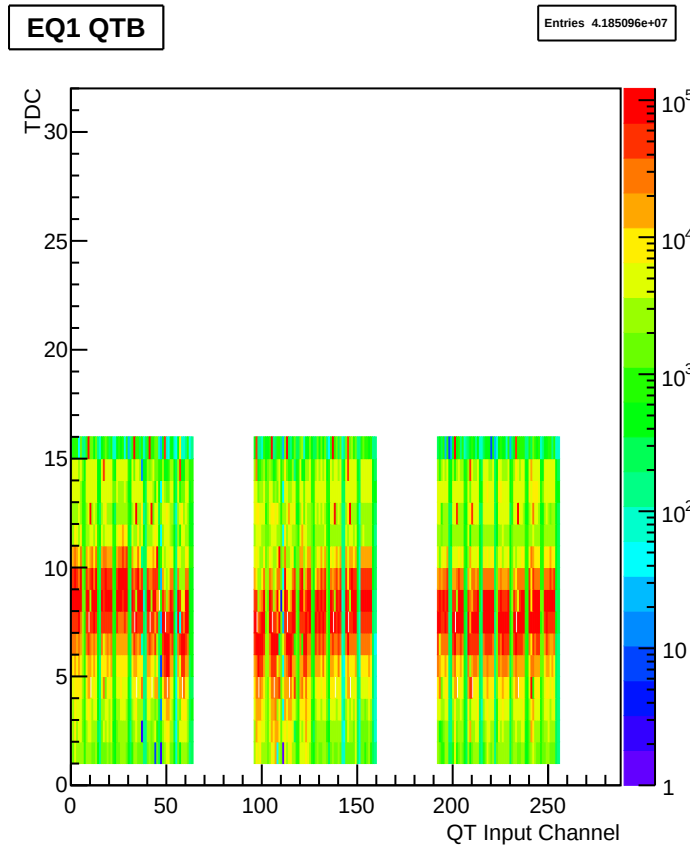

BBQ-VP001 East
Entries 7014000
ADC
QT Input Channel

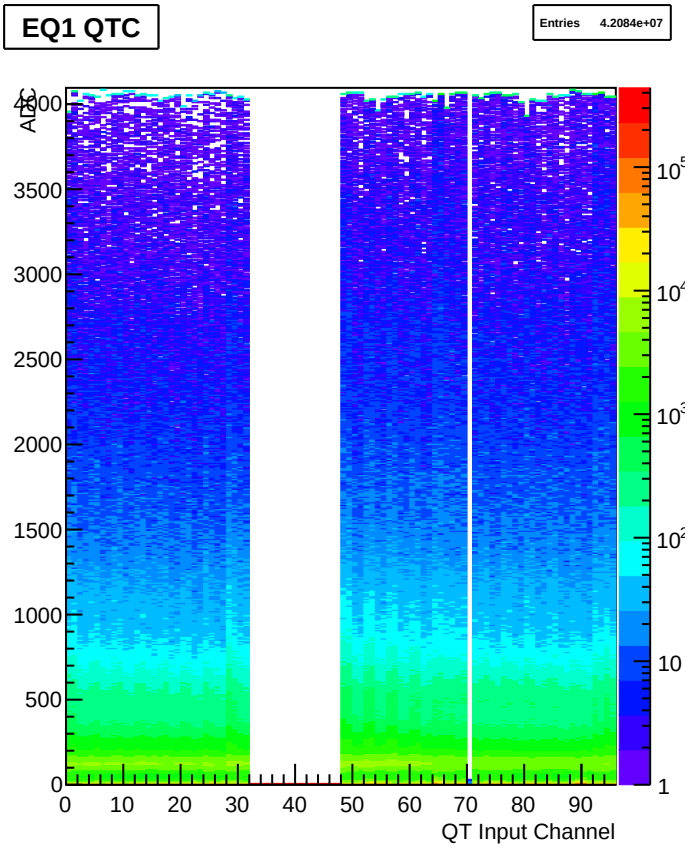

BBQ-VP001 East
Entries 7014000
TADC
QT Input Channel

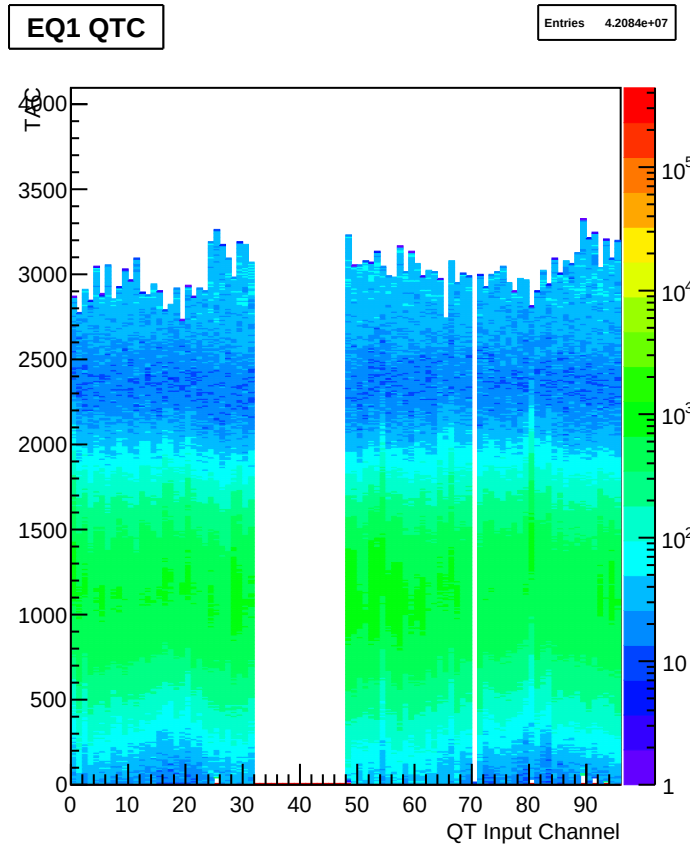

BBQ-VP002 West
Entries 7014000
ADC
QT Input Channel

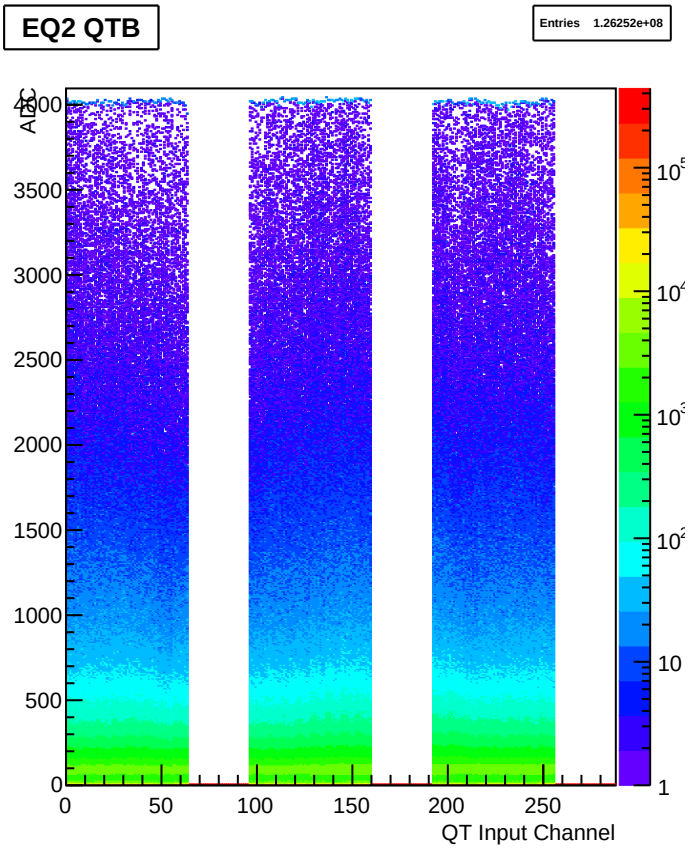

BBQ-VP002 West
Entries 7014000
TADC
QT Input Channel

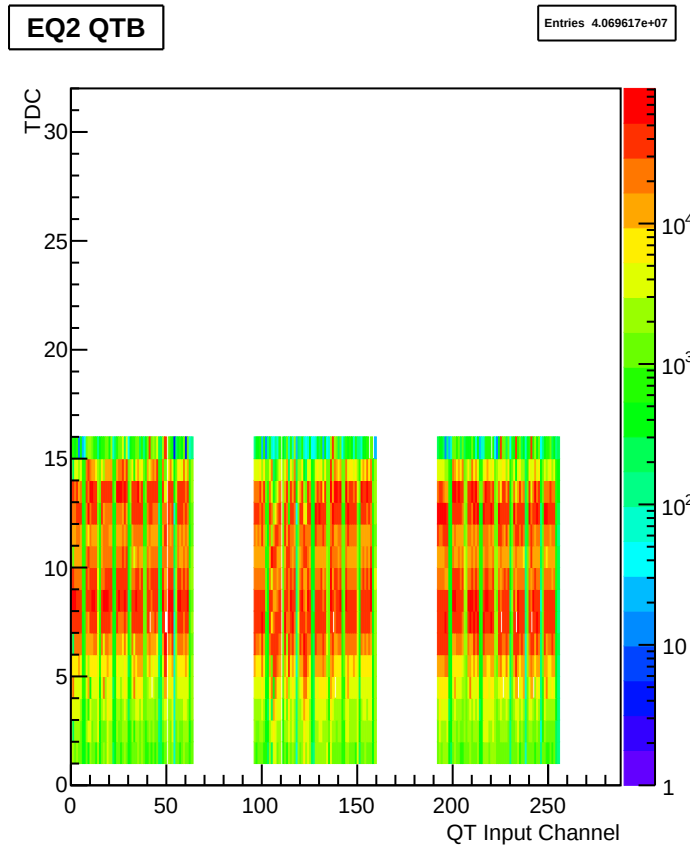

EQ1 QTB
Entries 1.26252e+08
ADC
QT Input Channel

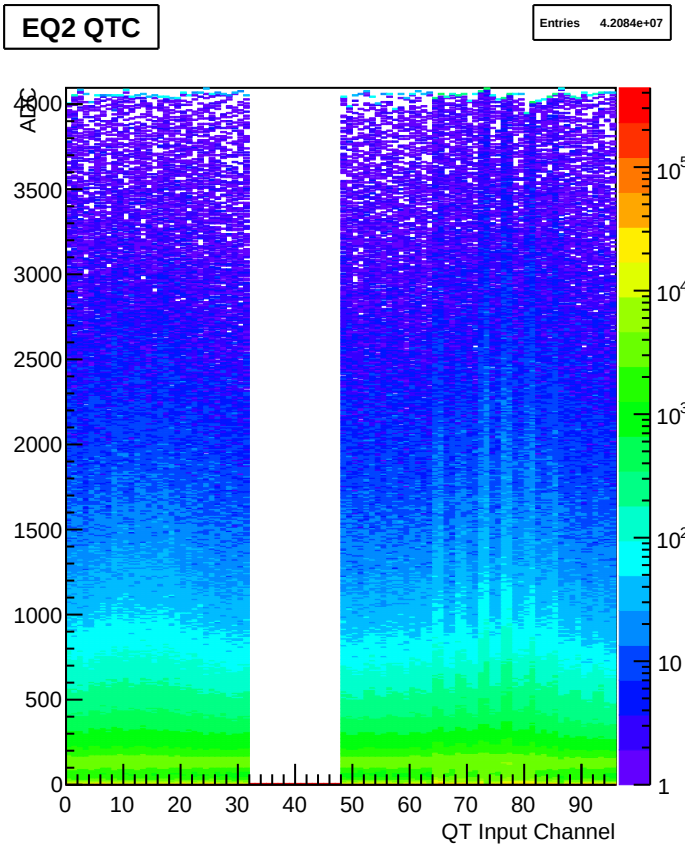

EQ1 QTB
Entries 4.185096e+07
TDC
QT Input Channel

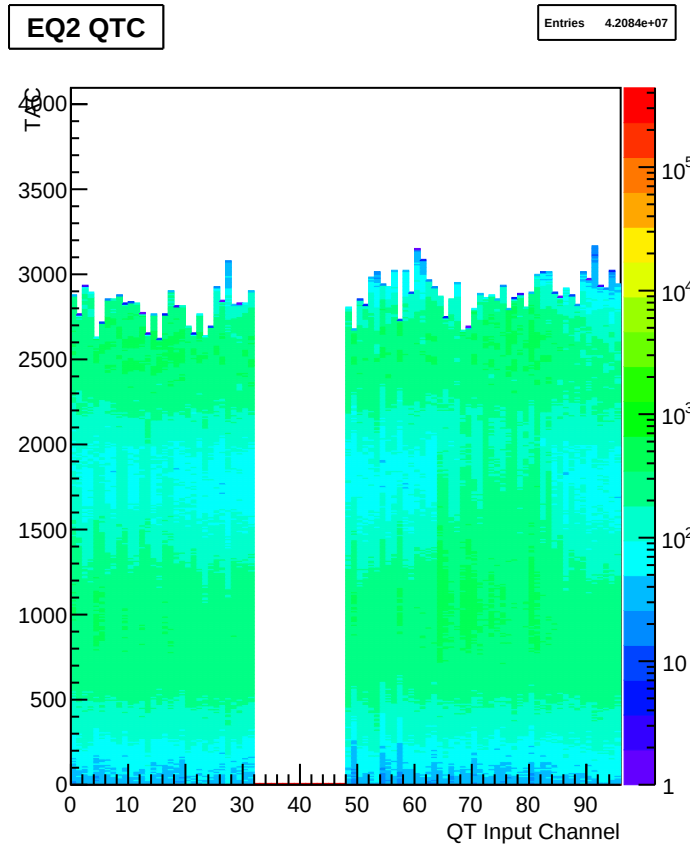

EQ1 QTC
Entries 4.2084e+07
ADC
QT Input Channel

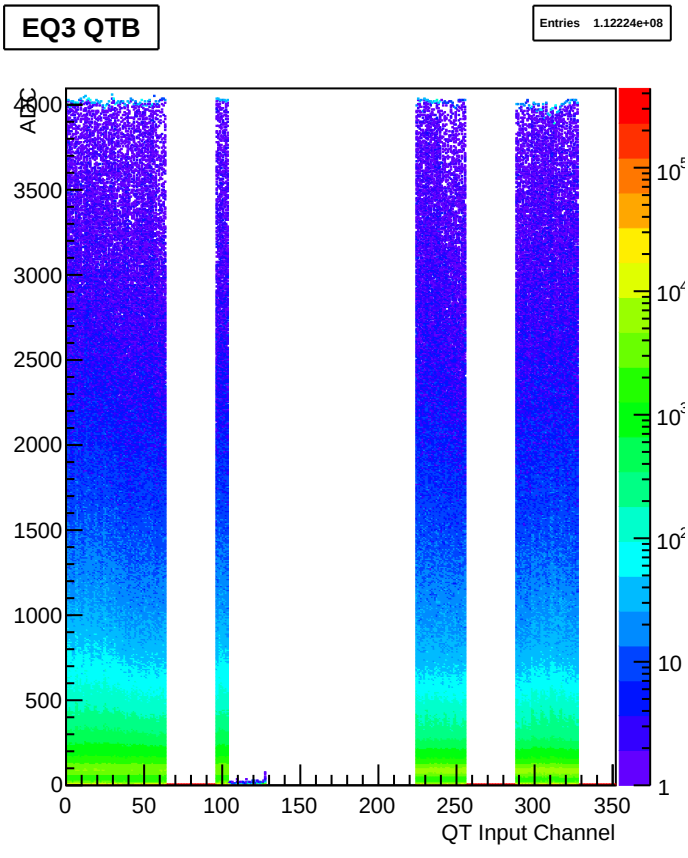

EQ1 QTC
Entries 4.2084e+07
TADC
QT Input Channel

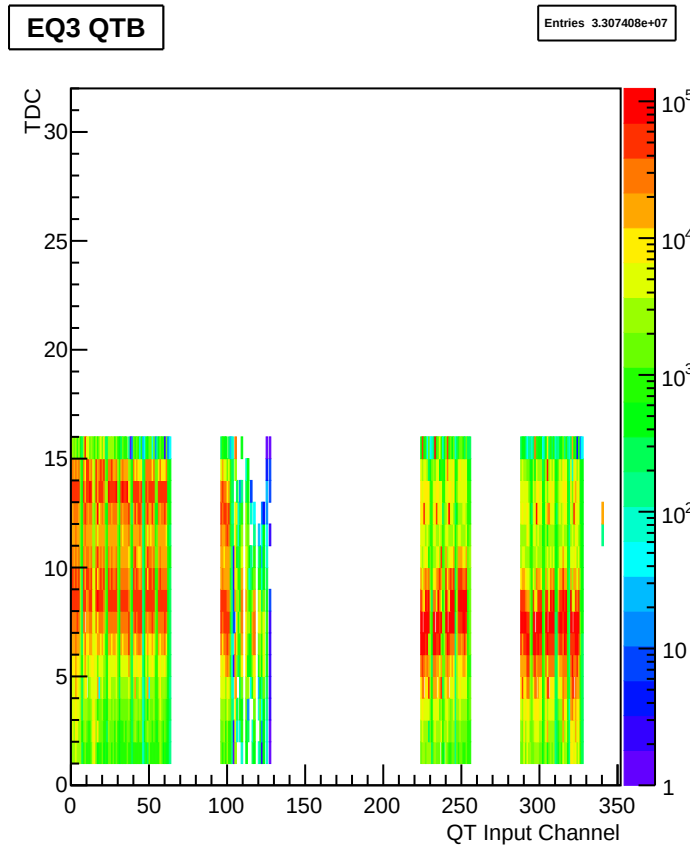

EQ2 QTB
Entries 1.26252e+08
ADC
QT Input Channel

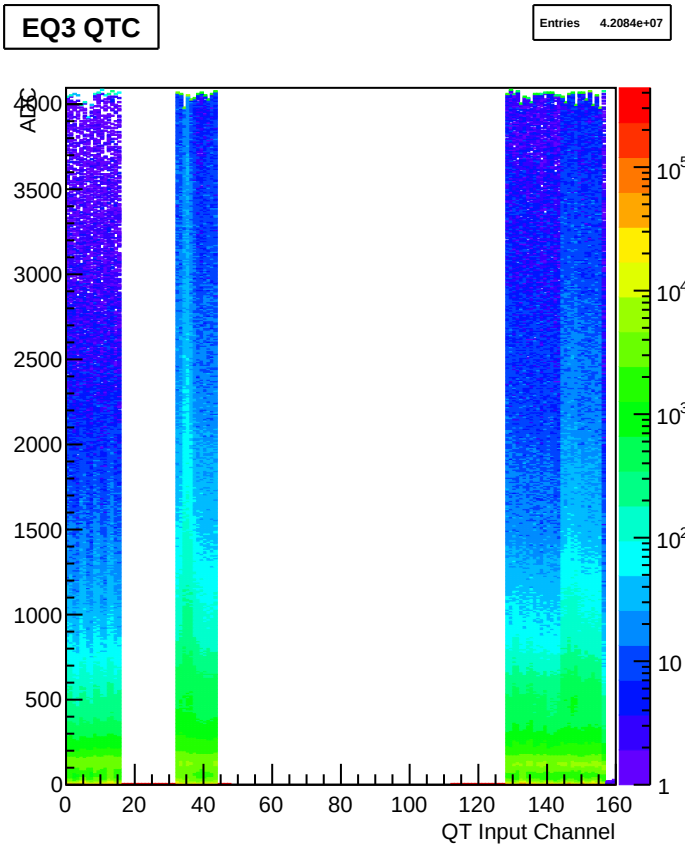

EQ2 QTB
Entries 4.069617e+07
TDC
QT Input Channel

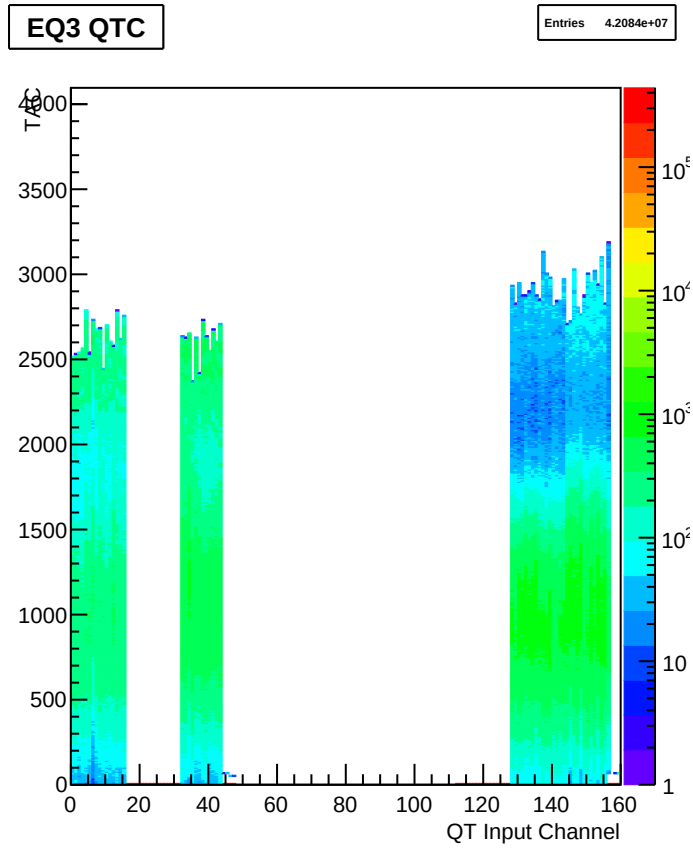

EQ2 QTC
Entries 4.2084e+07
ADC
QT Input Channel

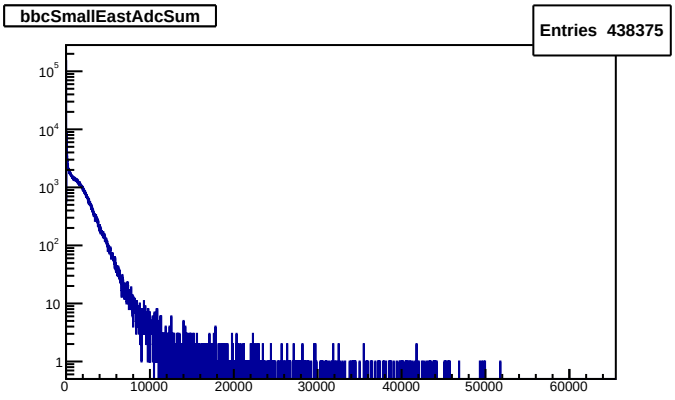

EQ2 QTC
Entries 4.2084e+07
TADC
QT Input Channel

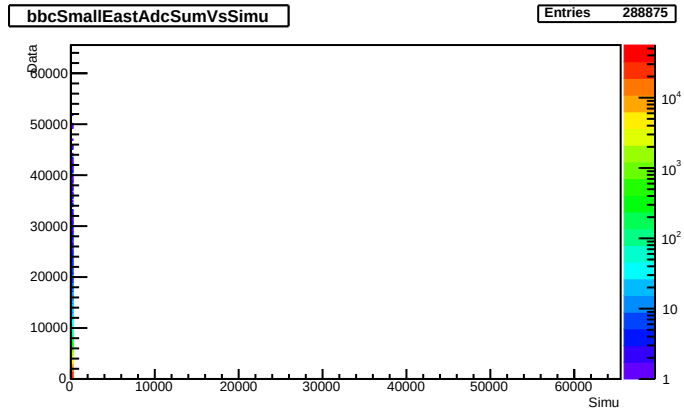

EQ3 QTB
Entries 1.12224e+08
ADC
QT Input Channel

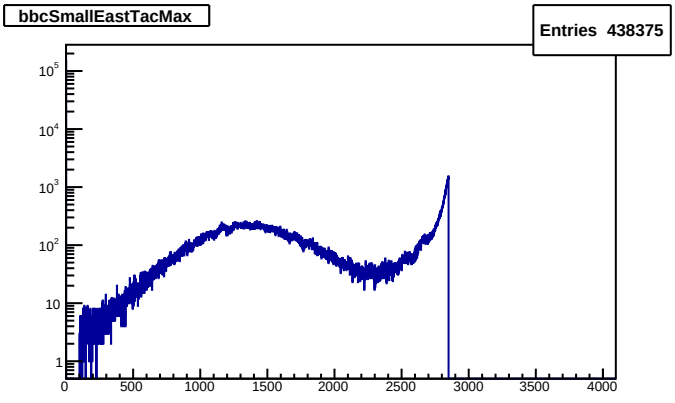

EQ3 QTB
Entries 3.307408e+07
TDC
QT Input Channel

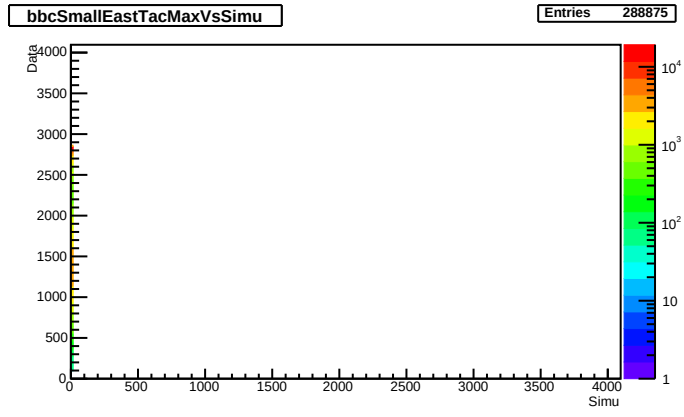

EQ3 QTC
Entries 4.2084e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.2084e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 438375


bbcSmallEastAdcSumVsSimu
Entries 288875
Data
Simu


bbcSmallEastTacMax
Entries 438375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Entries 288875
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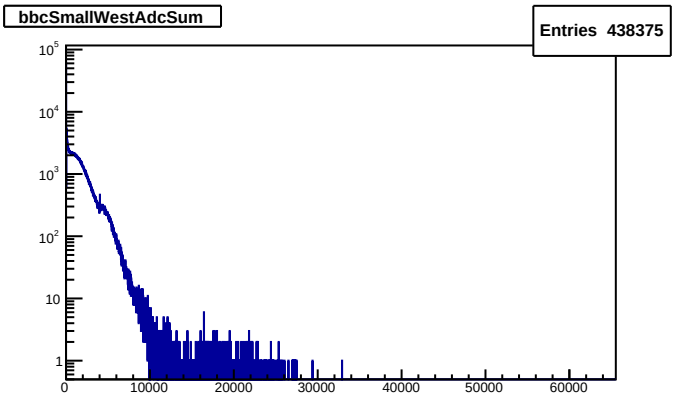
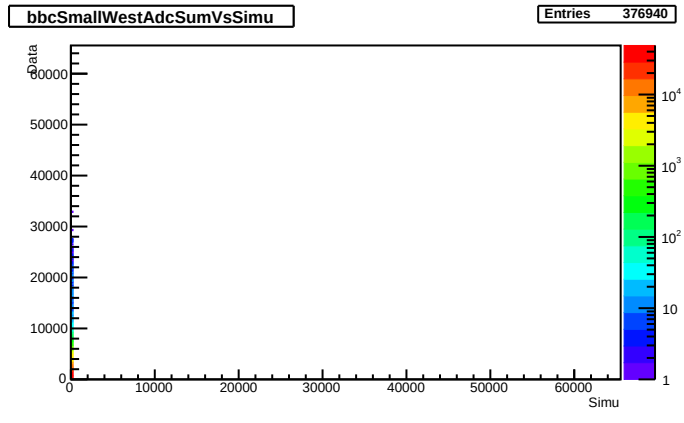

bbcSmallWestAdcSum
Entries 438375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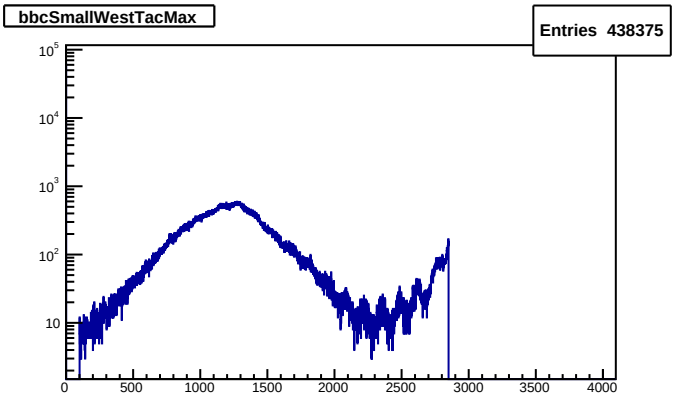
Entries 376940
Data
Simu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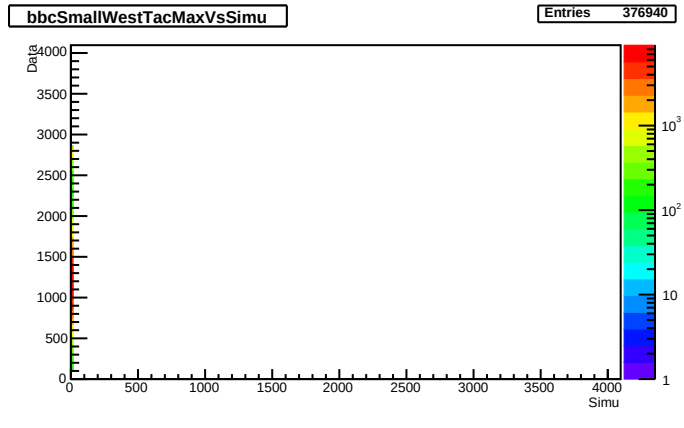
Entries 438375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Entries 376940
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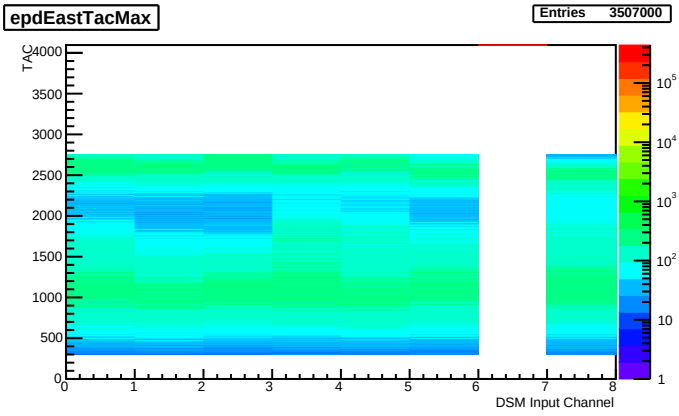
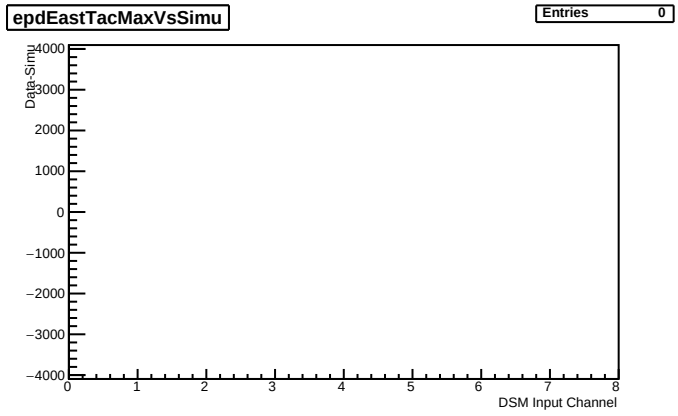

epdEastTacMax
Entries 3507000
TAC
DSM Input Channel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Data-Simu
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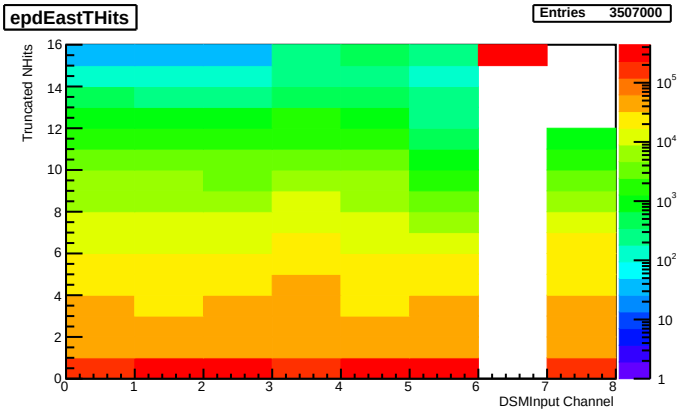
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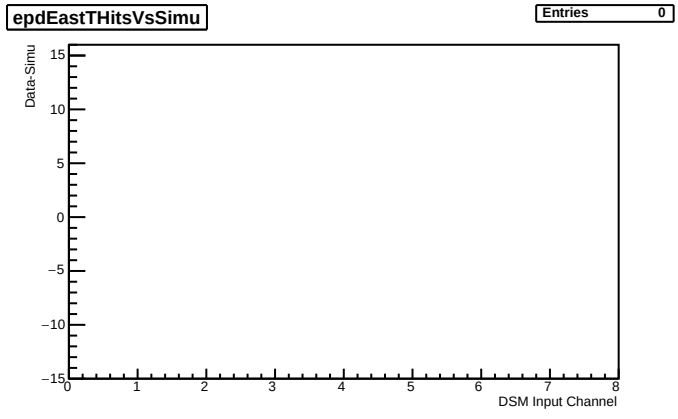
Entries 3507000
Truncated NHits
DSMInput Channel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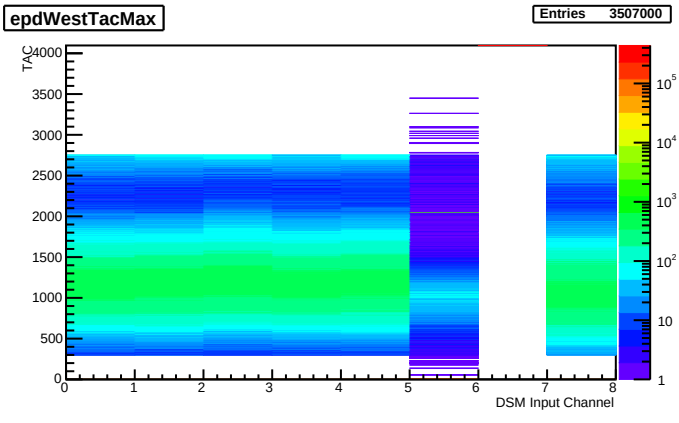
Data-Simu
DSM Input Channel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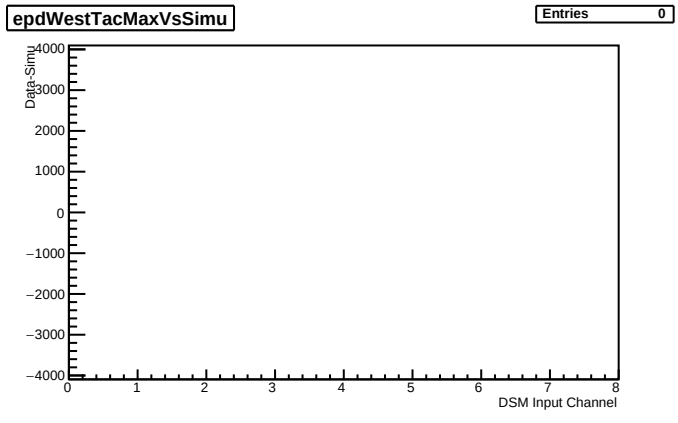
Entries 3507000
TAC
DSM Input Channel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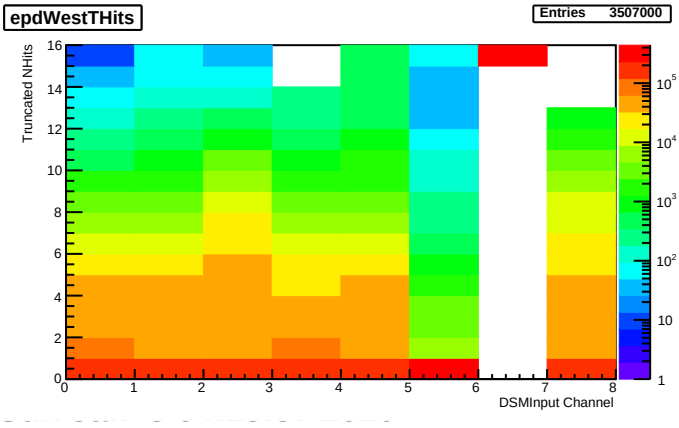
Entries 0
Data-Simu
DSM Input Channel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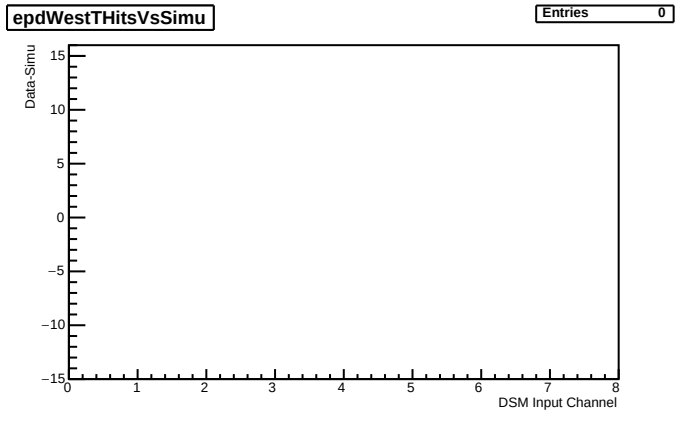
Entries 3507000
Truncated NHits
DSMInput Channel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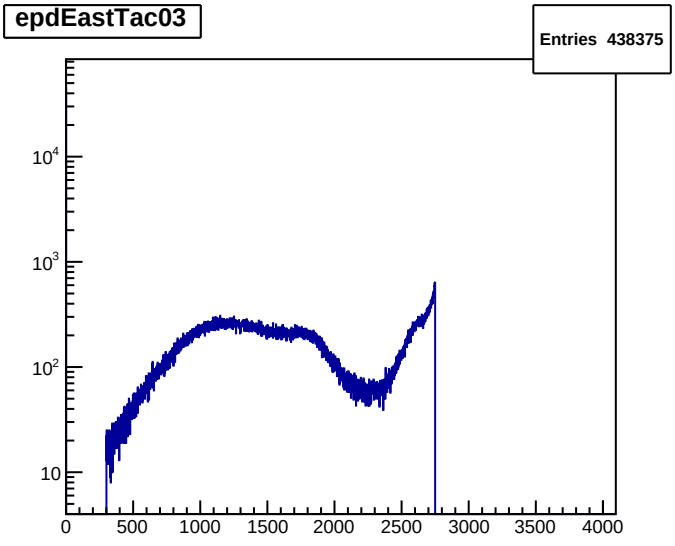
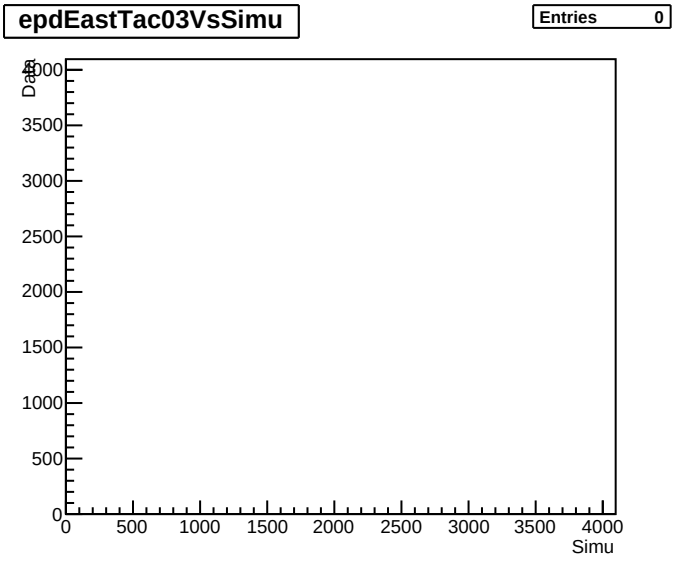
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 438375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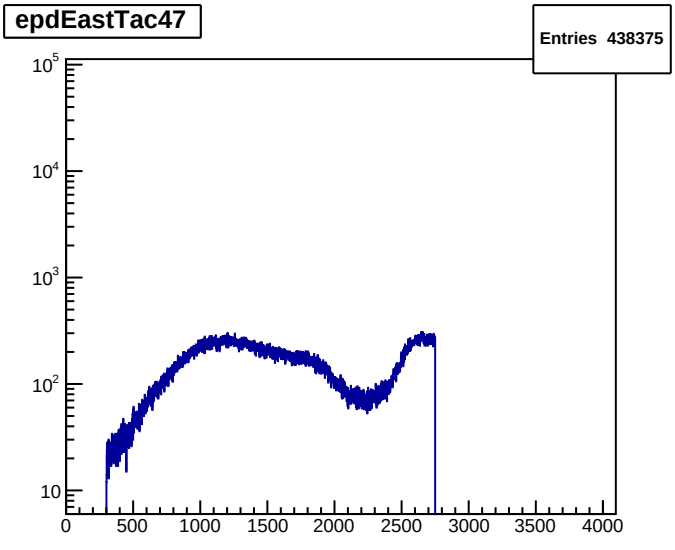
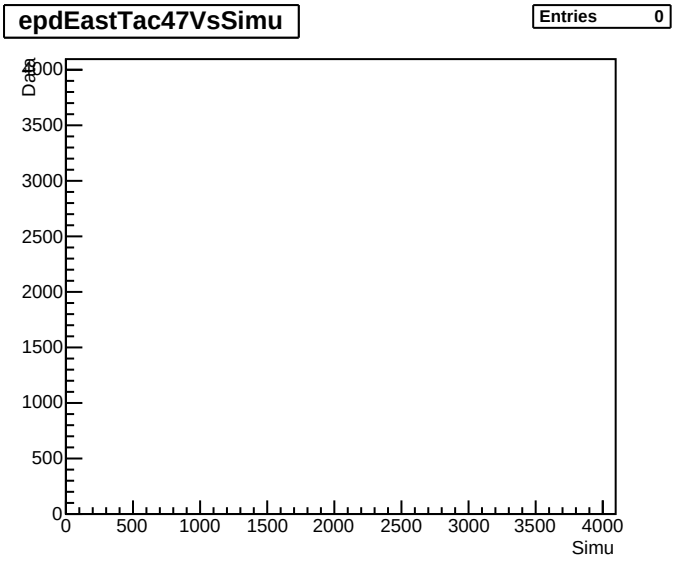
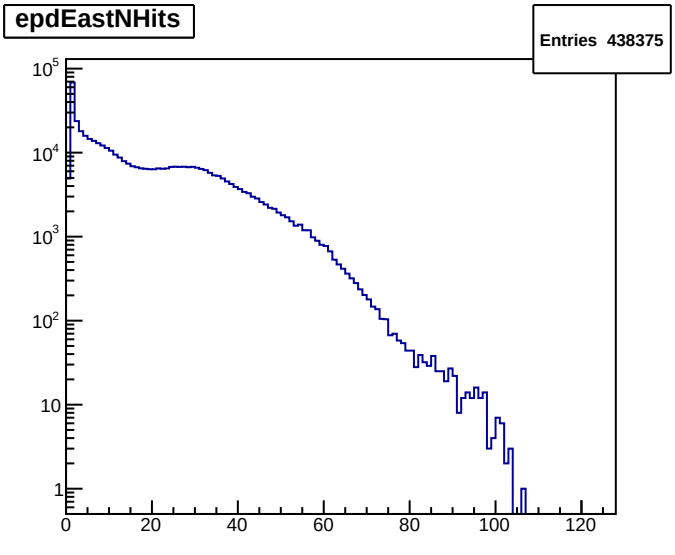
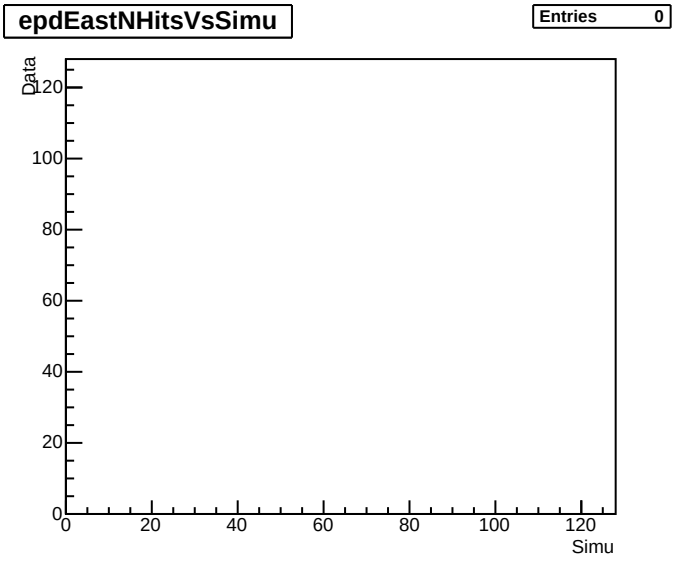
Entries 0
Data
Simu


epdEastTac47
Entries 438375


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 438375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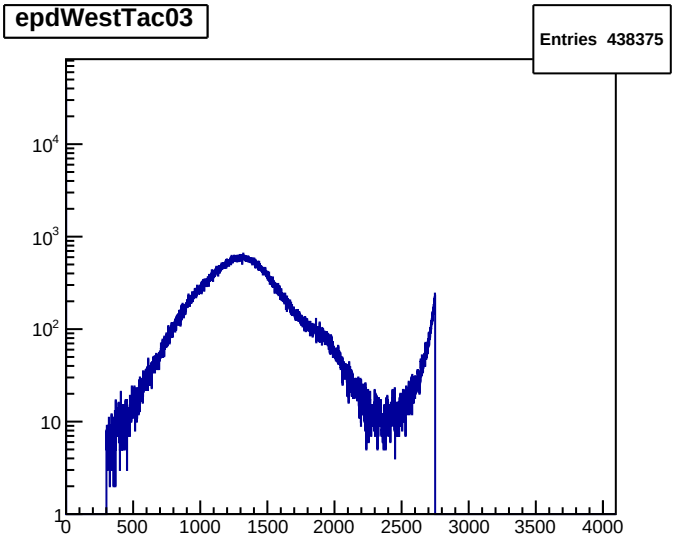
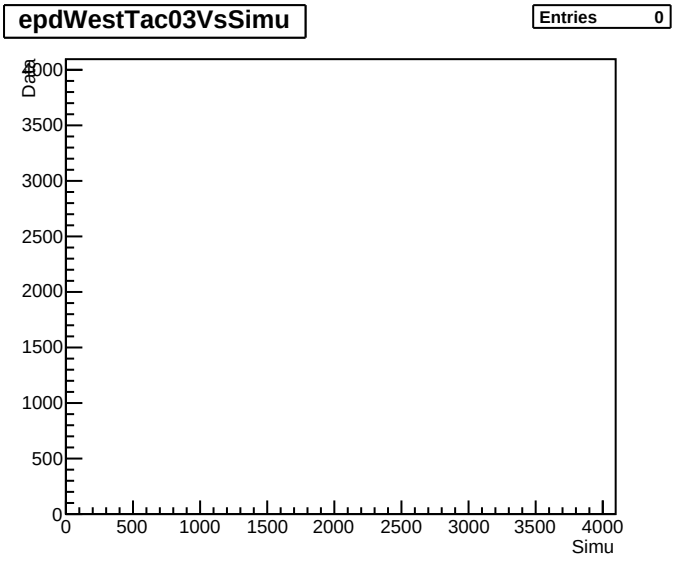
Entries 0
Data
Simu


epdWestTac03
Entries 438375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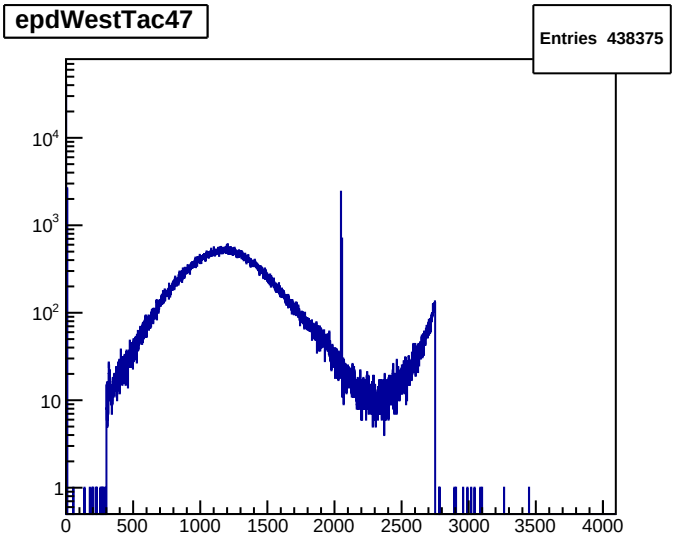
Entries 0
Data
Simu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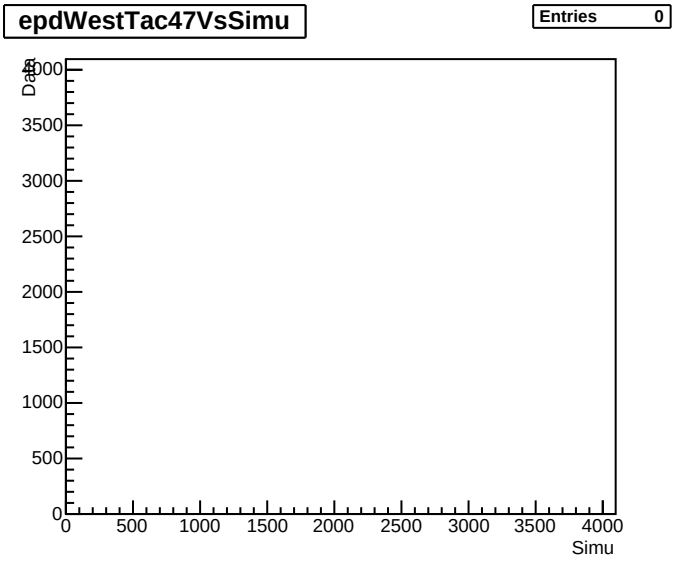
Entries 438375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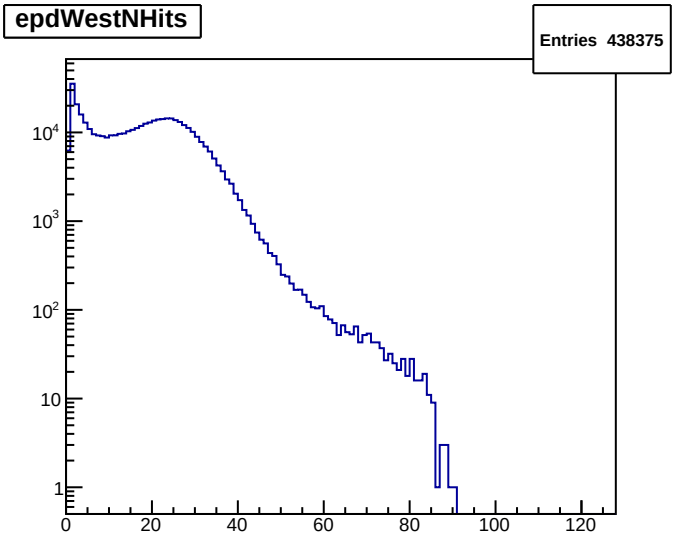
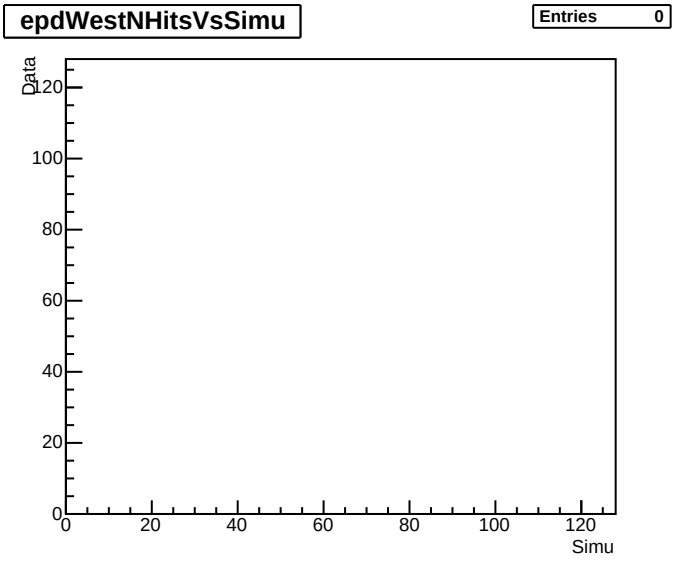
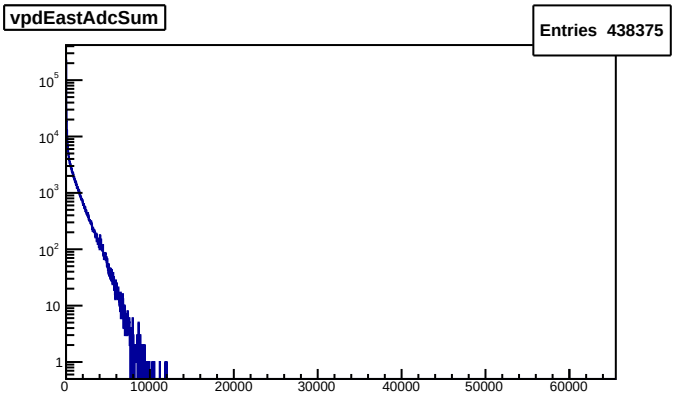
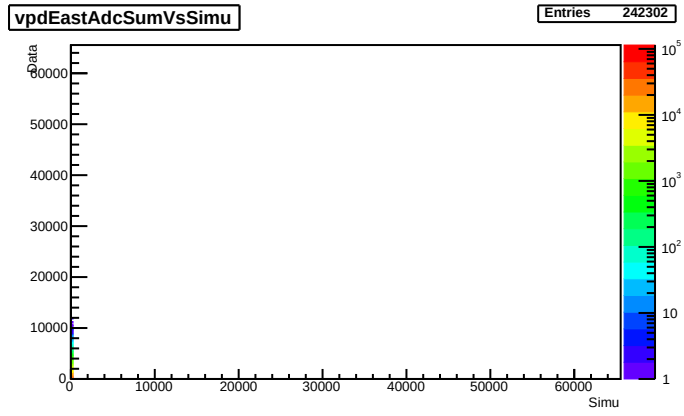
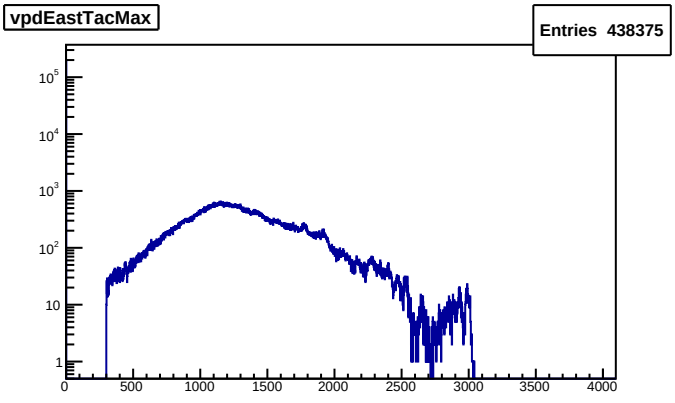
Entries 0
Data
Simu

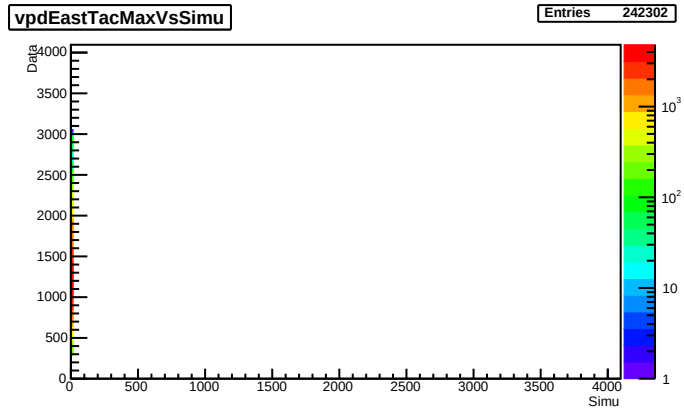

epdWestNHits
Entries 438375


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 438375


vpdEastAdcSumVsSimu
Entries 242302
Data
Simu


vpdEastTacMax
Entries 438375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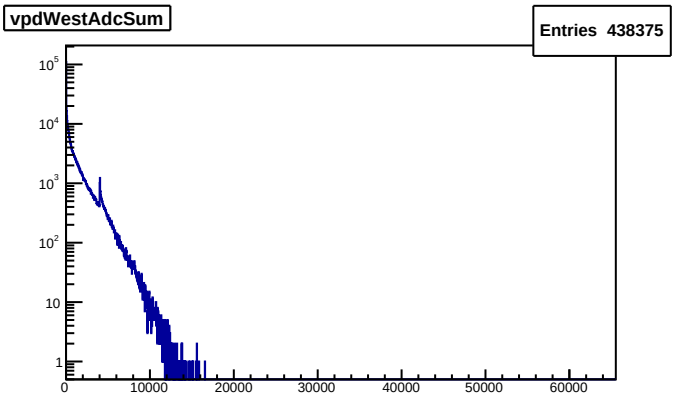
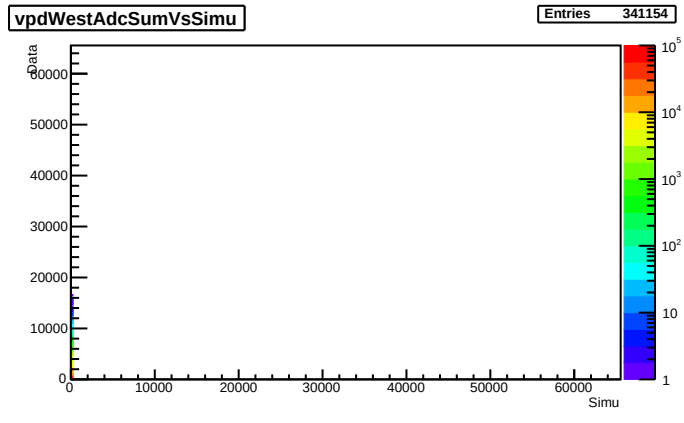
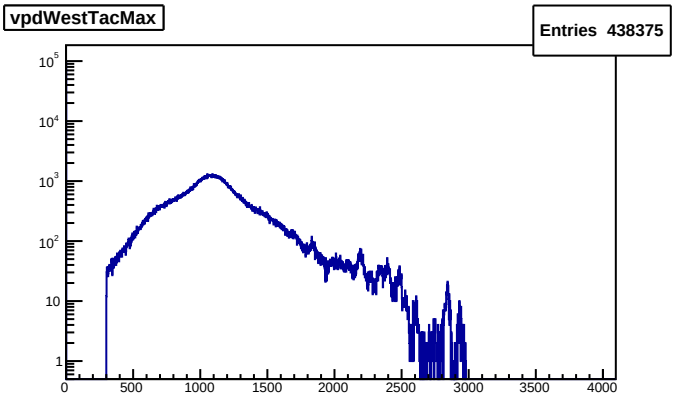
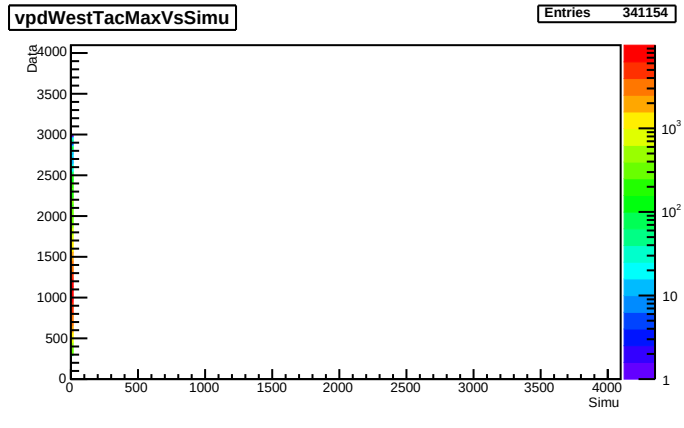
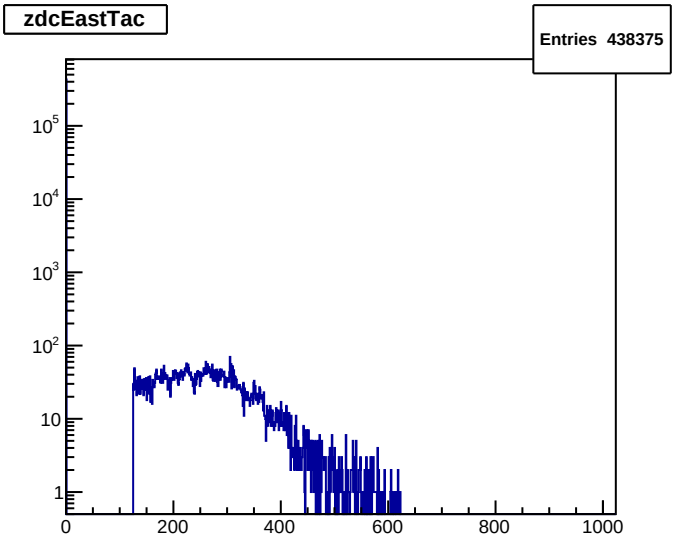
Entries 242302
Data
Simu

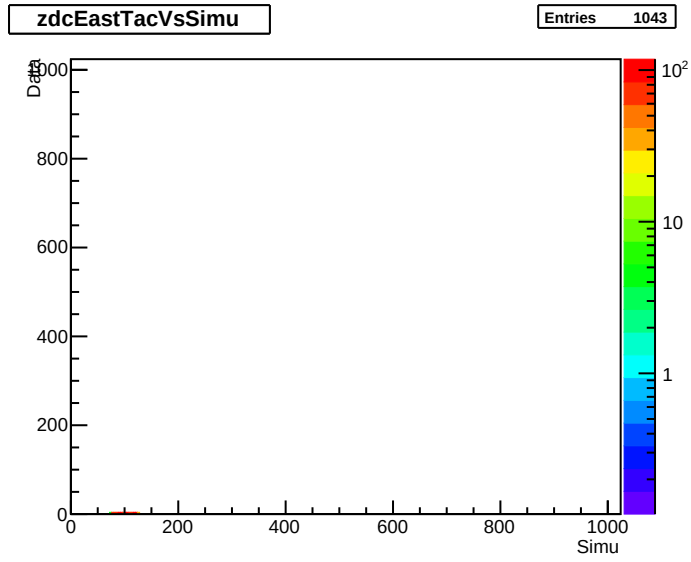

vpdWestAdcSum
Entries 438375

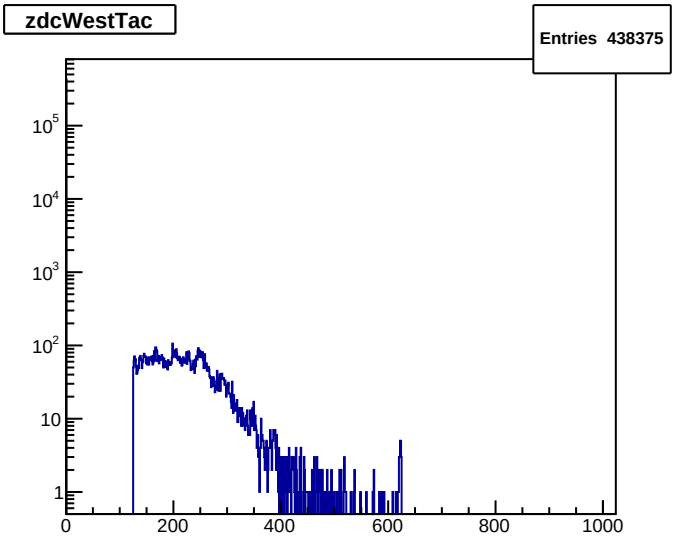

vpdWestAdcSumVsSimu
Entries 341154
Data
Simu

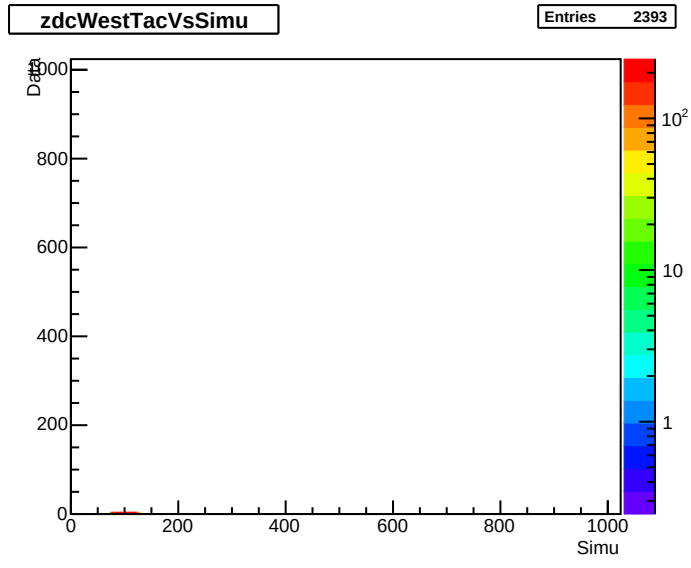

vpdWestTacMax
Entries 438375

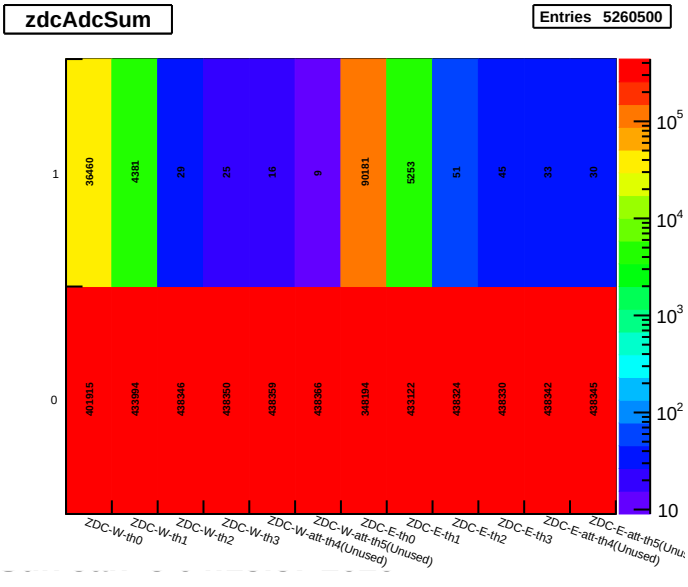

vpdWestTacMaxVsSimu
Entries 341154
Data
Simu

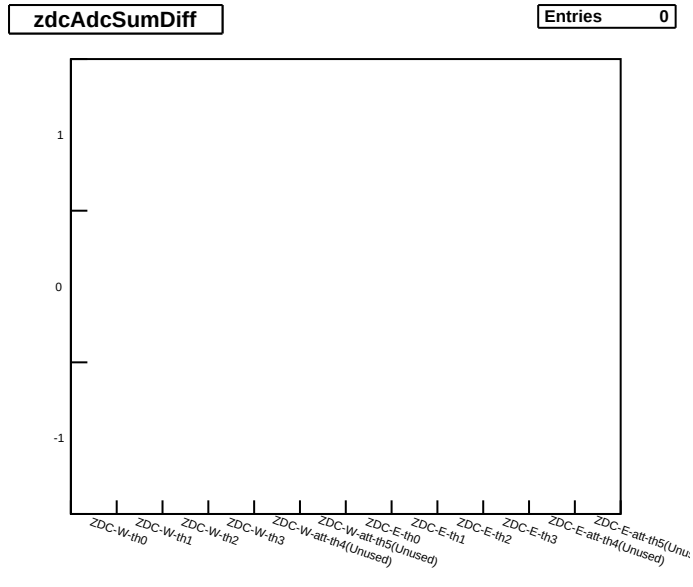

zdcEastTac
Entries 438375

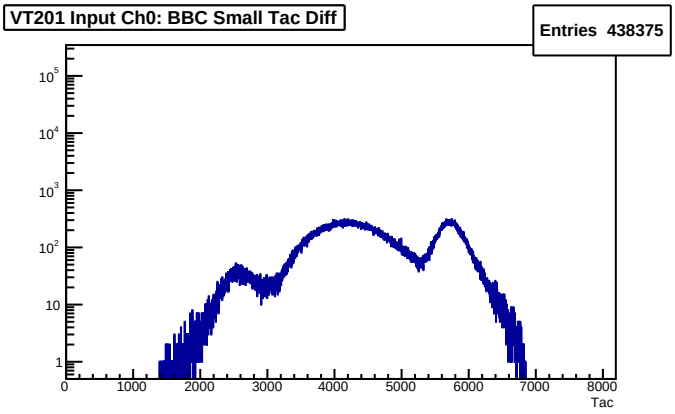

zdcEastTacVsSimu
Entries 1043
Data
Simu

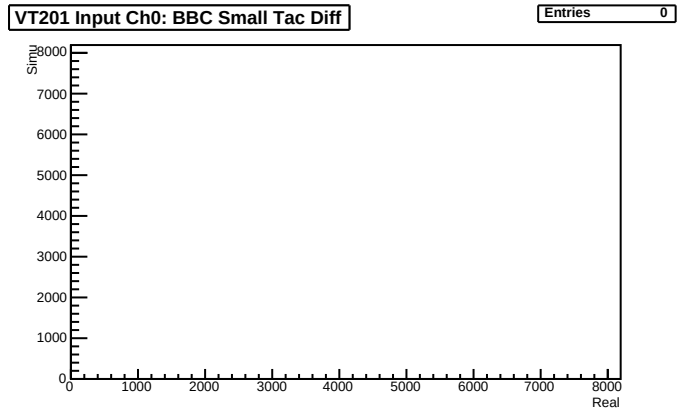

zdcWestTac
Entries 438375

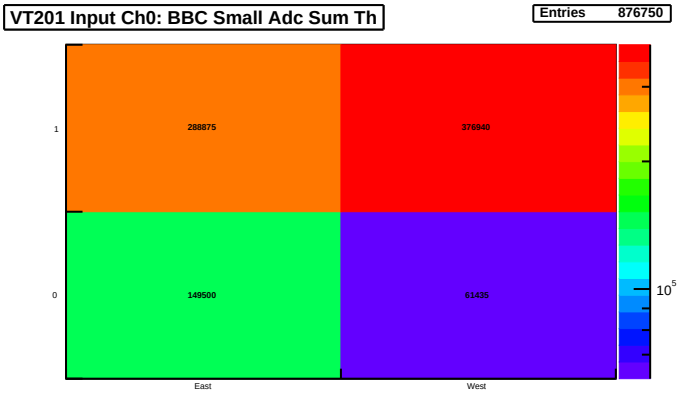

zdcWestTacVsSimu
Entries 2393
Data
Simu

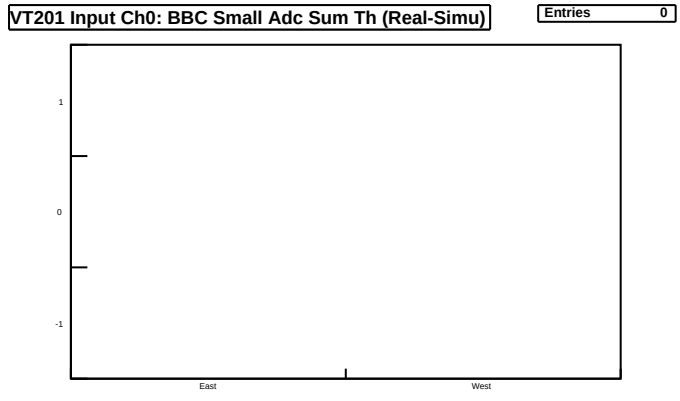

zdcAdcSum
Entries 5260500
36460
4381
29
25
16
9
90181
5253
51
45
33
30
401915
433994
438346
438350
438359
438366
348194
433122
438324
438330
438342
438345
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

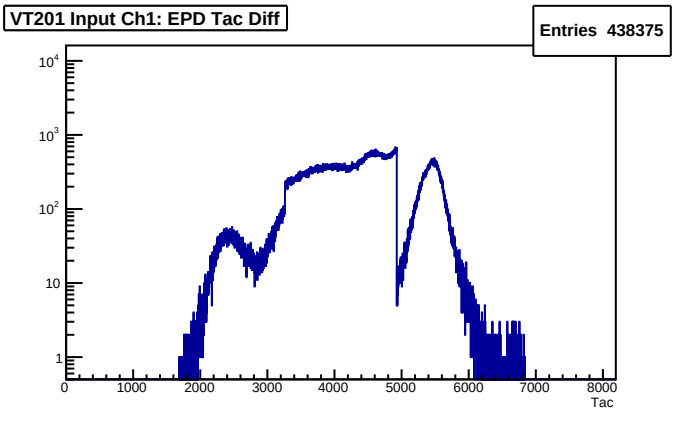

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

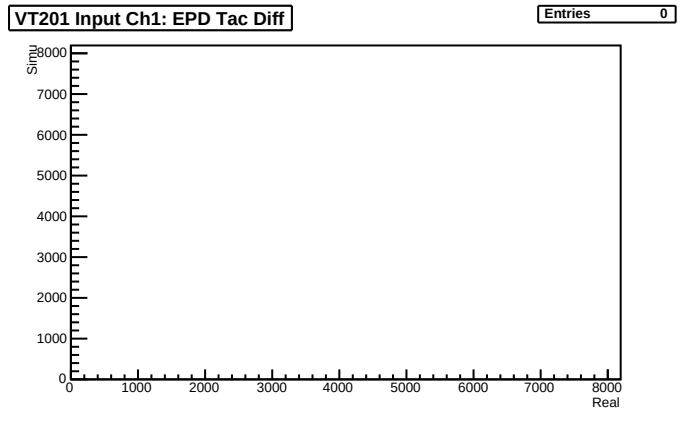

VT201 Input Ch0: BBC Small Tac Diff
Entries 438375
Tac

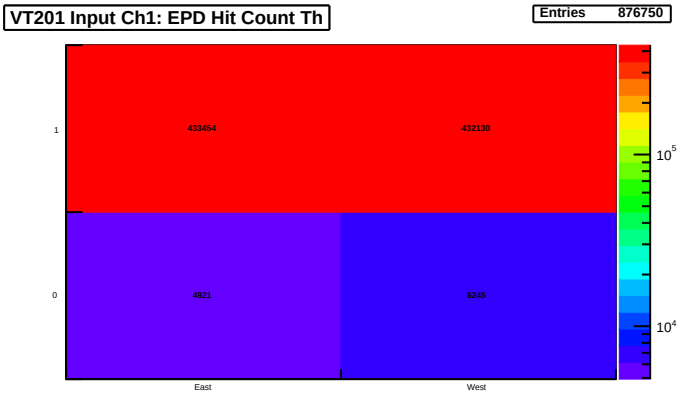

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

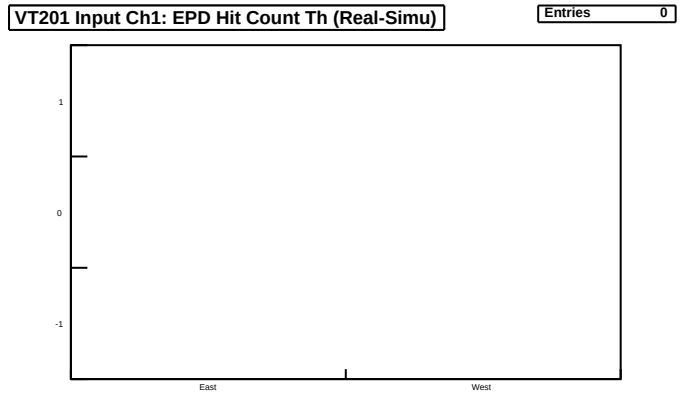

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 876750
288875
376940
149500
61435
East
West

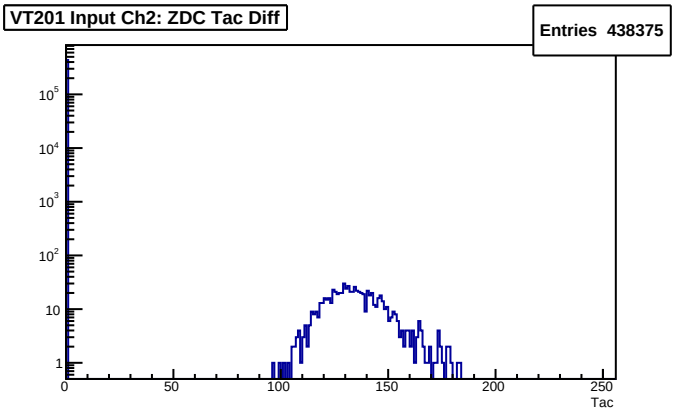

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

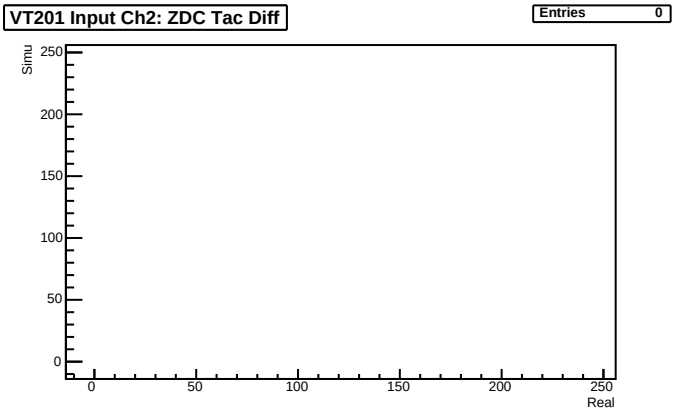

VT201 Input Ch1: EPD Tac Diff
Entries 438375
Tac

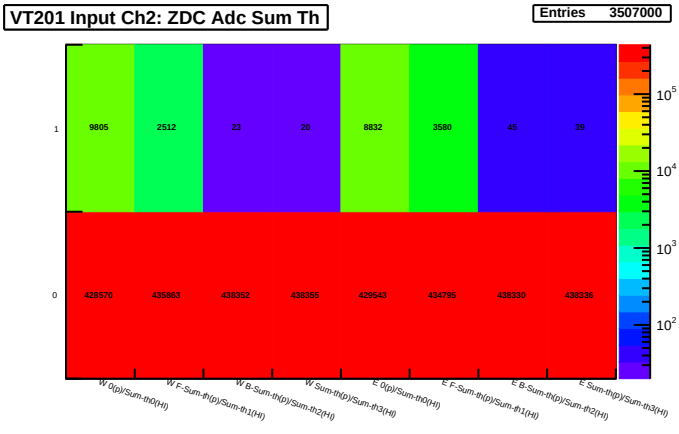

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

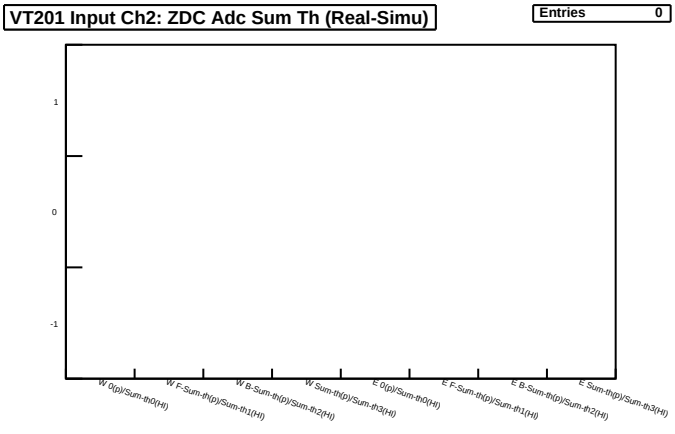

VT201 Input Ch1: EPD Hit Count Th
Entries 876750
433454
432130
4921
6245
East
West

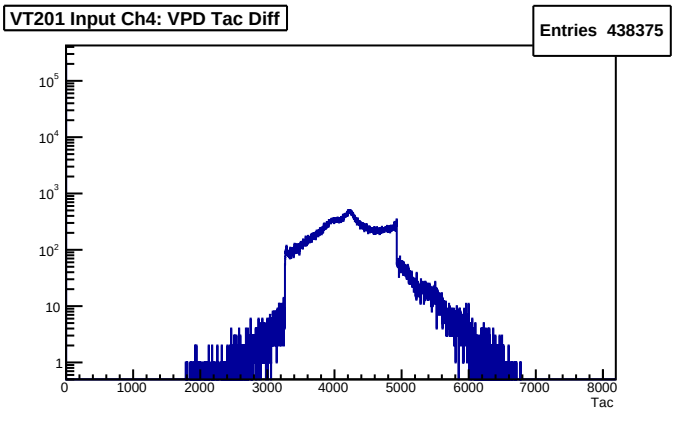

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

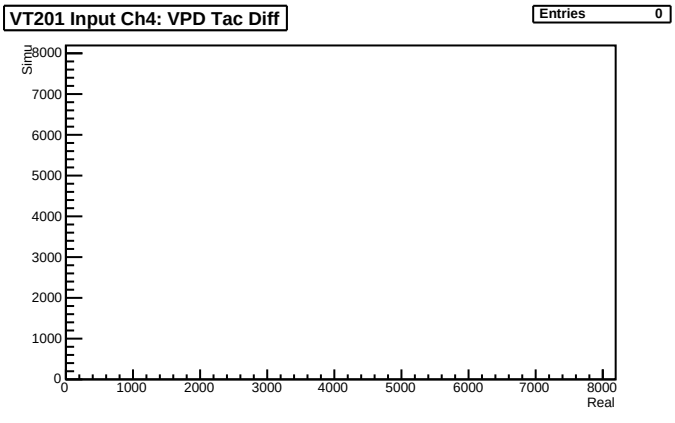

VT201 Input Ch2: ZDC Tac Diff
Entries 438375
Tac

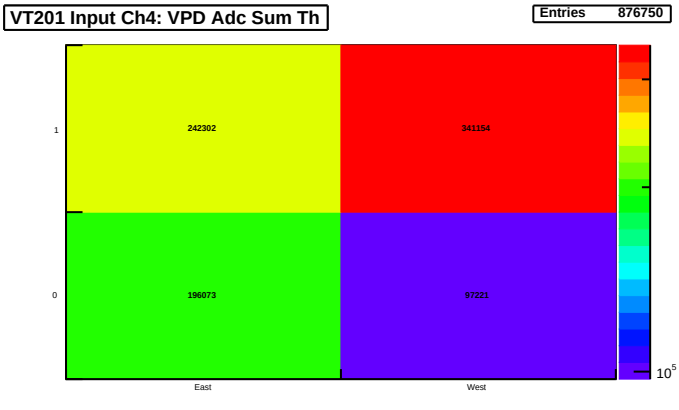

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

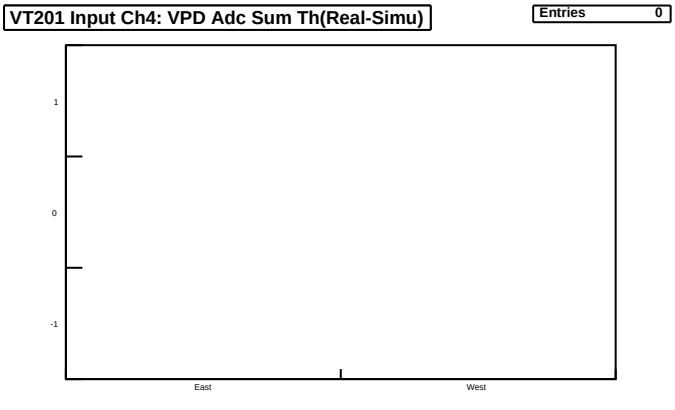

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3507000
9805
2512
23
20
8832
3580
45
39
428570
435863
438352
438355
429543
434795
438330
438336
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

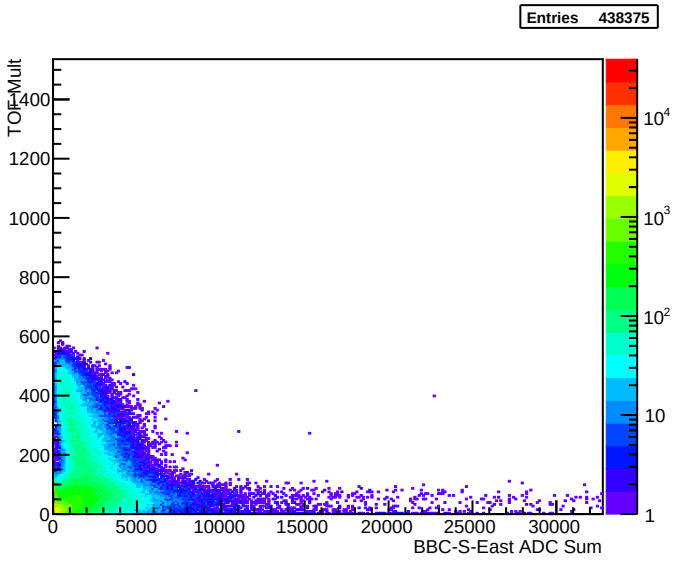

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

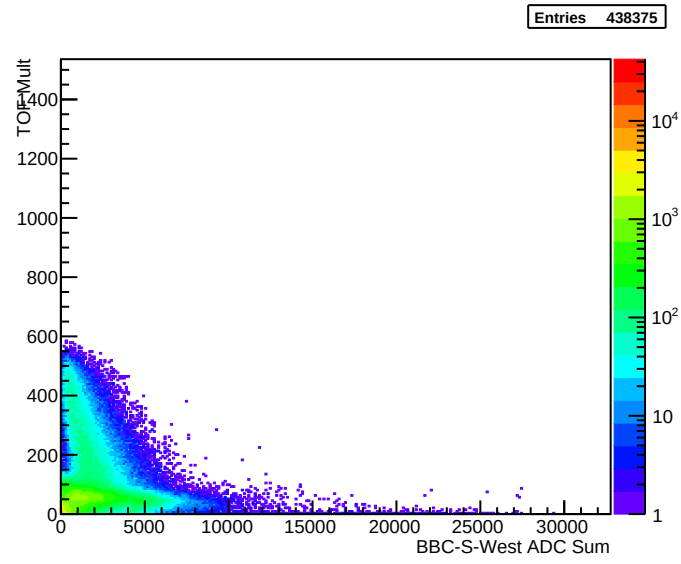

VT201 Input Ch4: VPD Tac Diff
Entries 438375
Tac

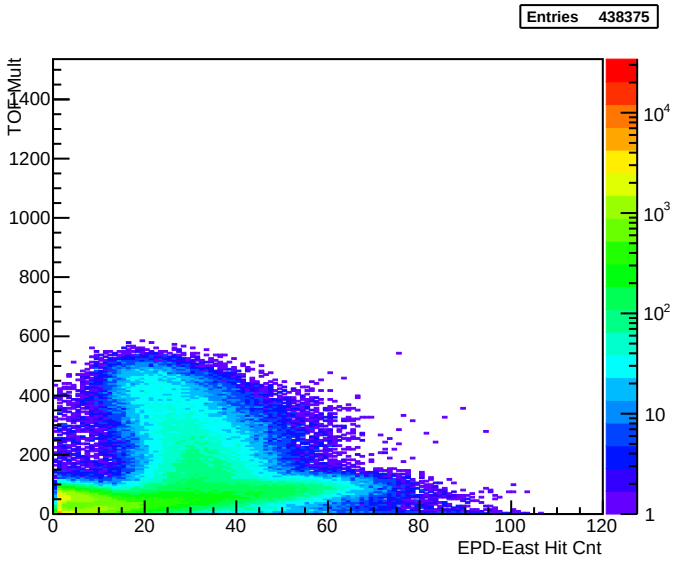

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

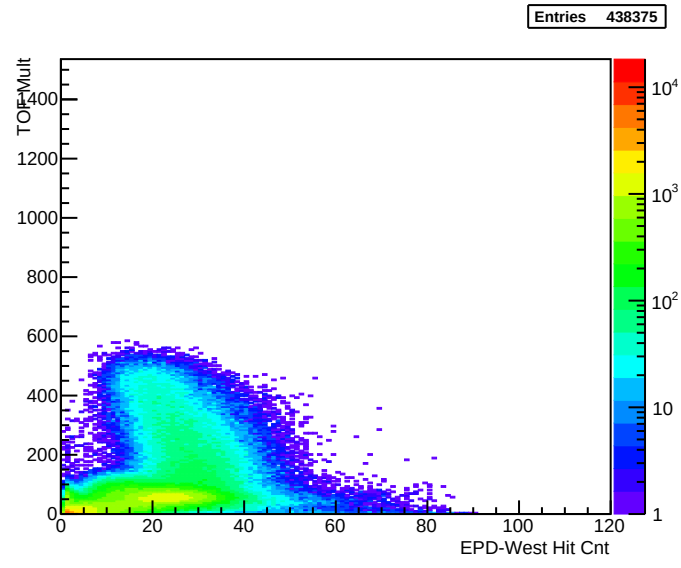

VT201 Input Ch4: VPD Adc Sum Th
Entries 876750
242302
341154
196073
97221
East
West

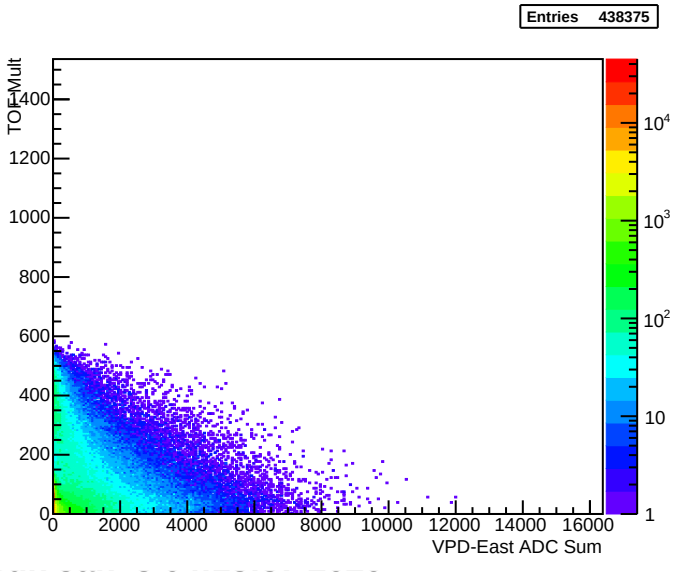

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

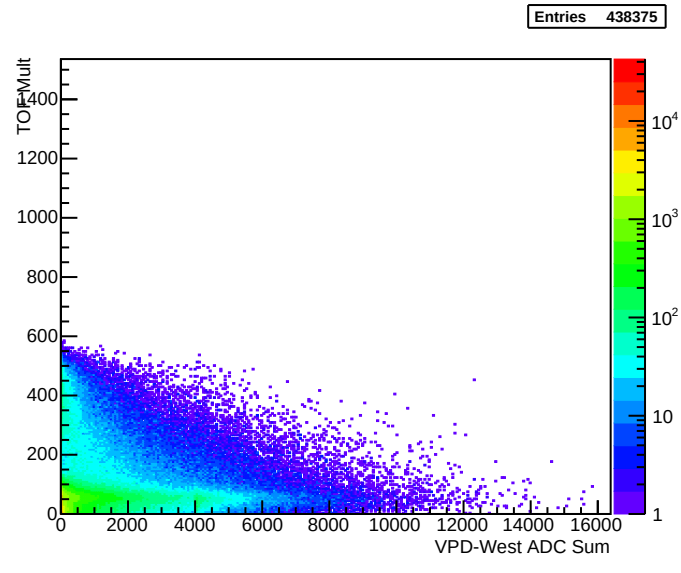

Entries 438375
TOF-Mult
BBC-S-East ADC Sum

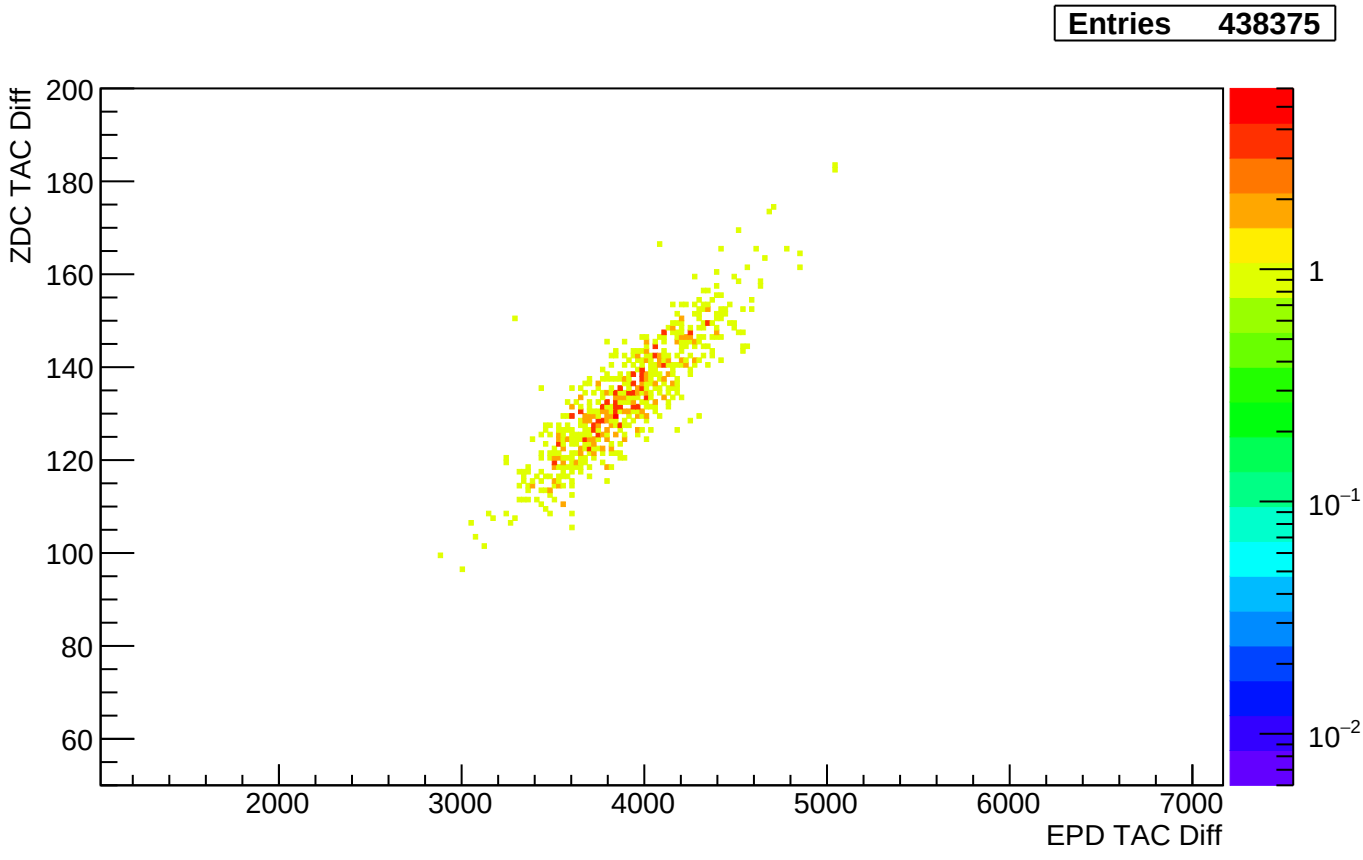

Entries 438375
TOF-Mult
BBC-S-West ADC Sum

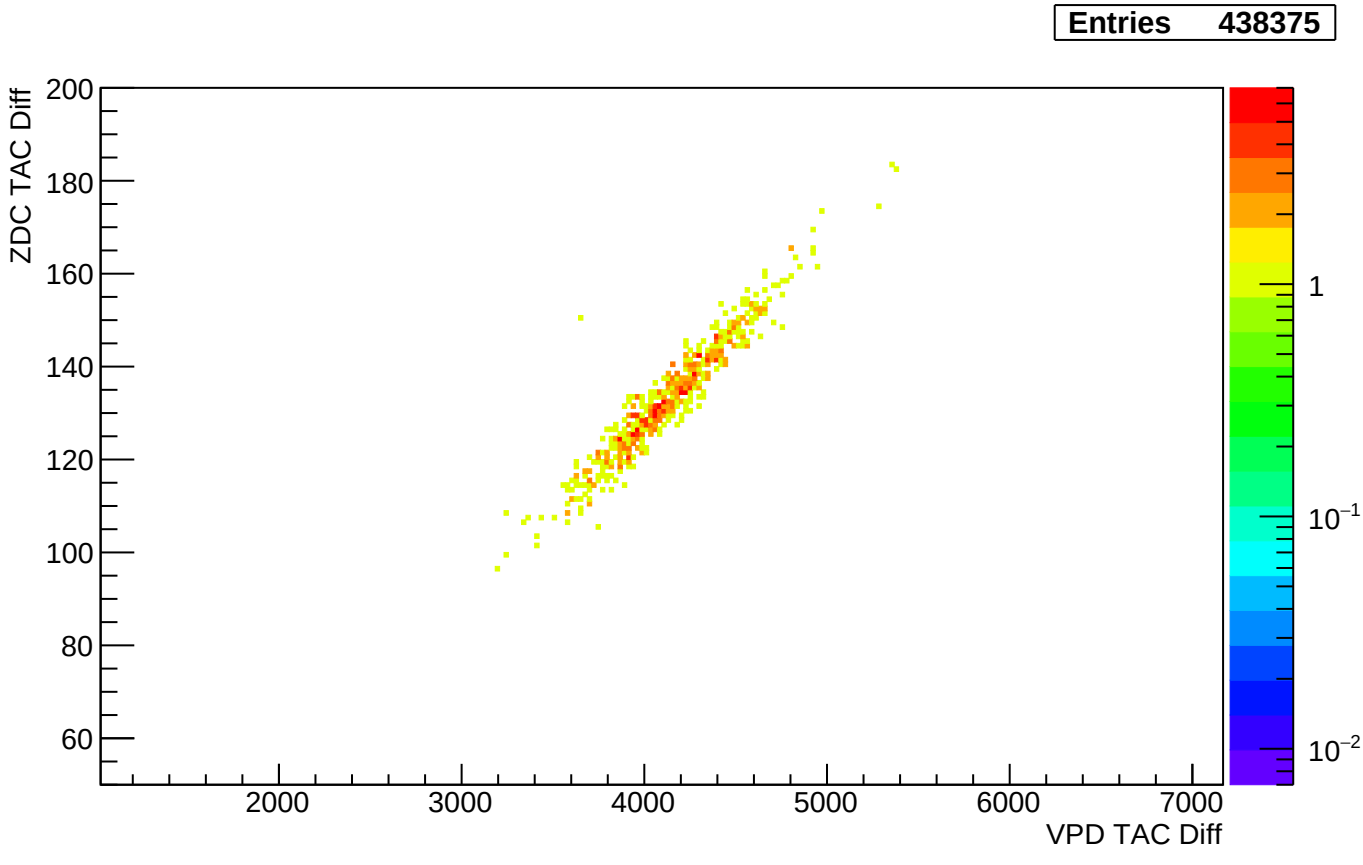

Entries 438375
TOF-Mult
EPD-East Hit Cnt

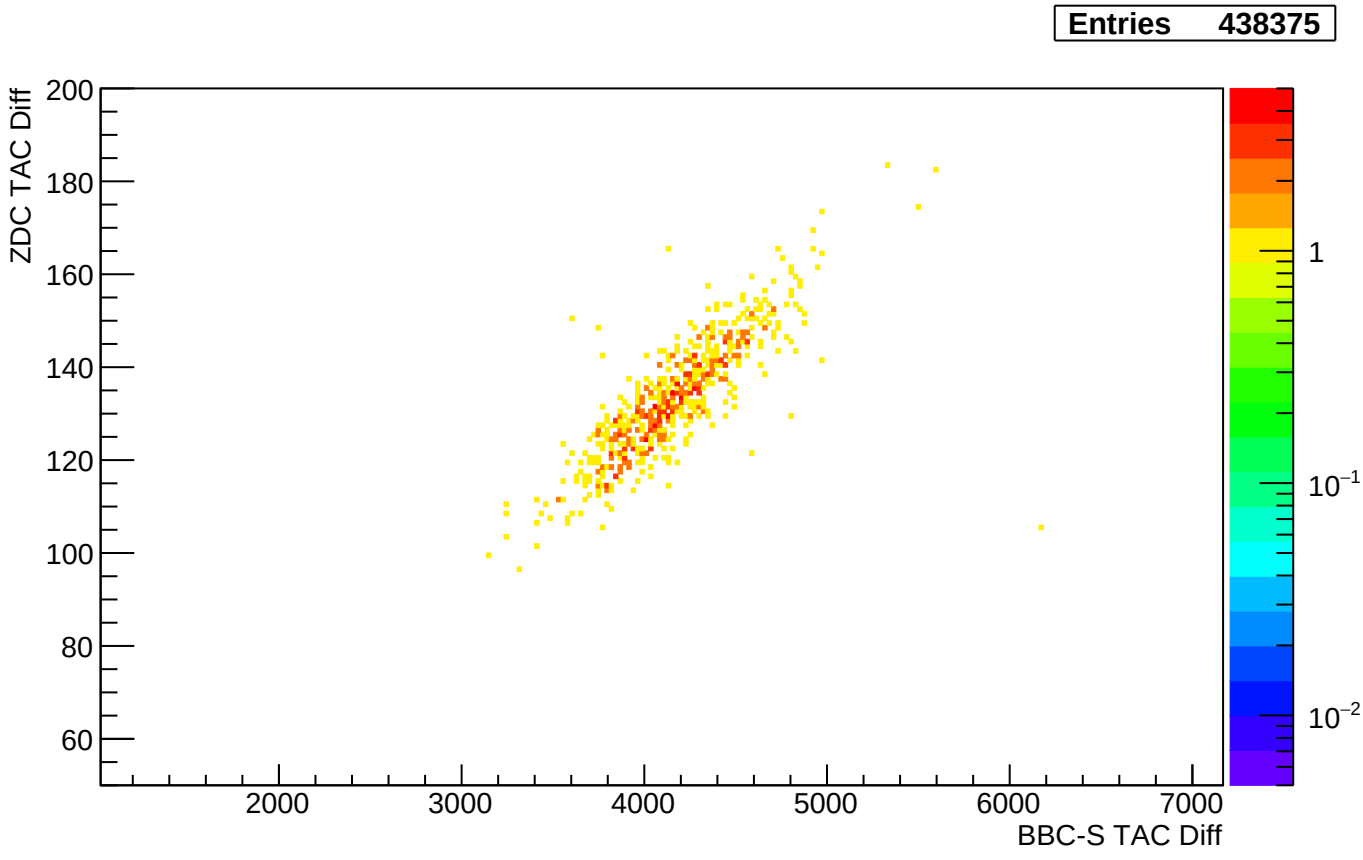

Entries 438375
TOF-Mult
EPD-West Hit Cnt

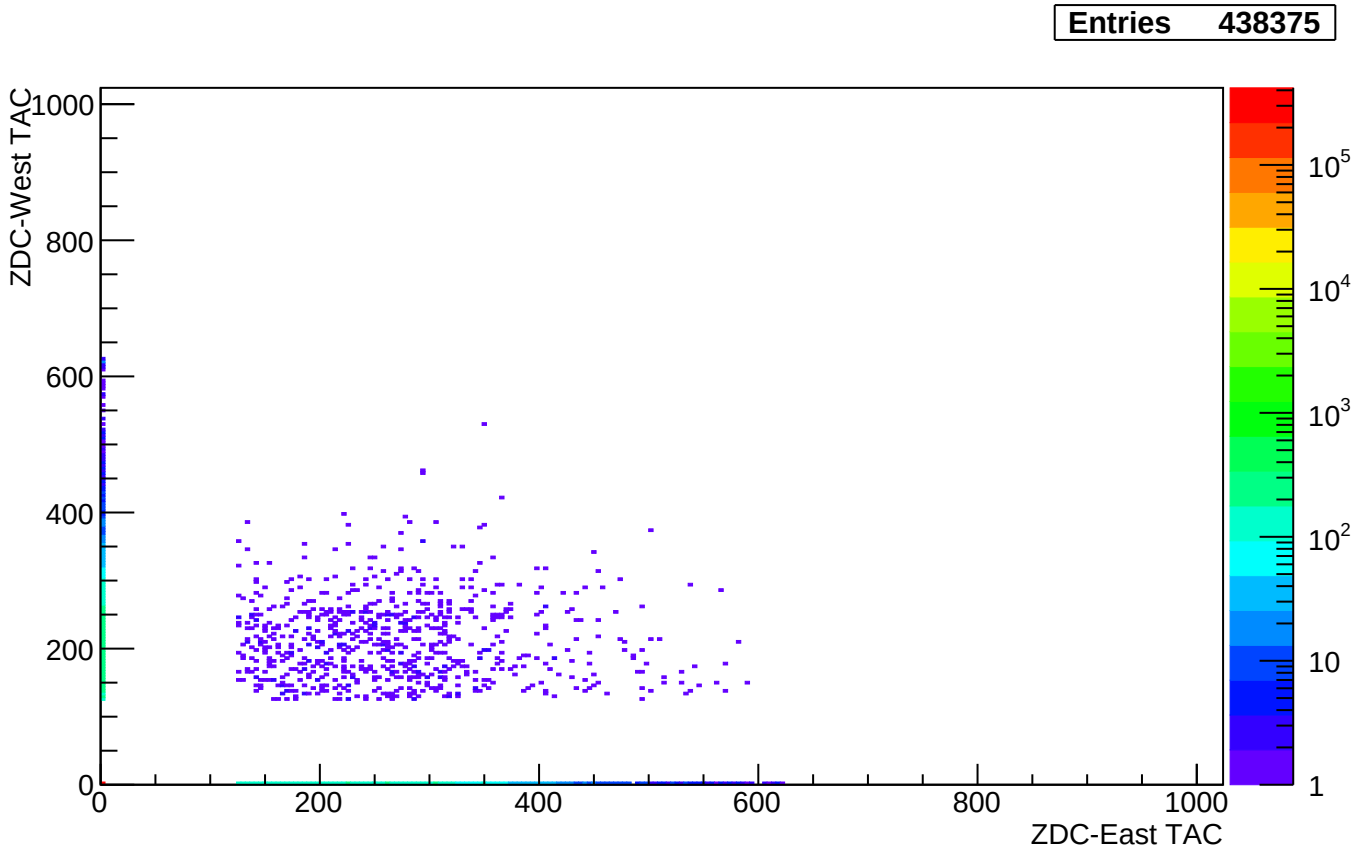

Entries 438375
TOF-Mult
VPD-East ADC Sum

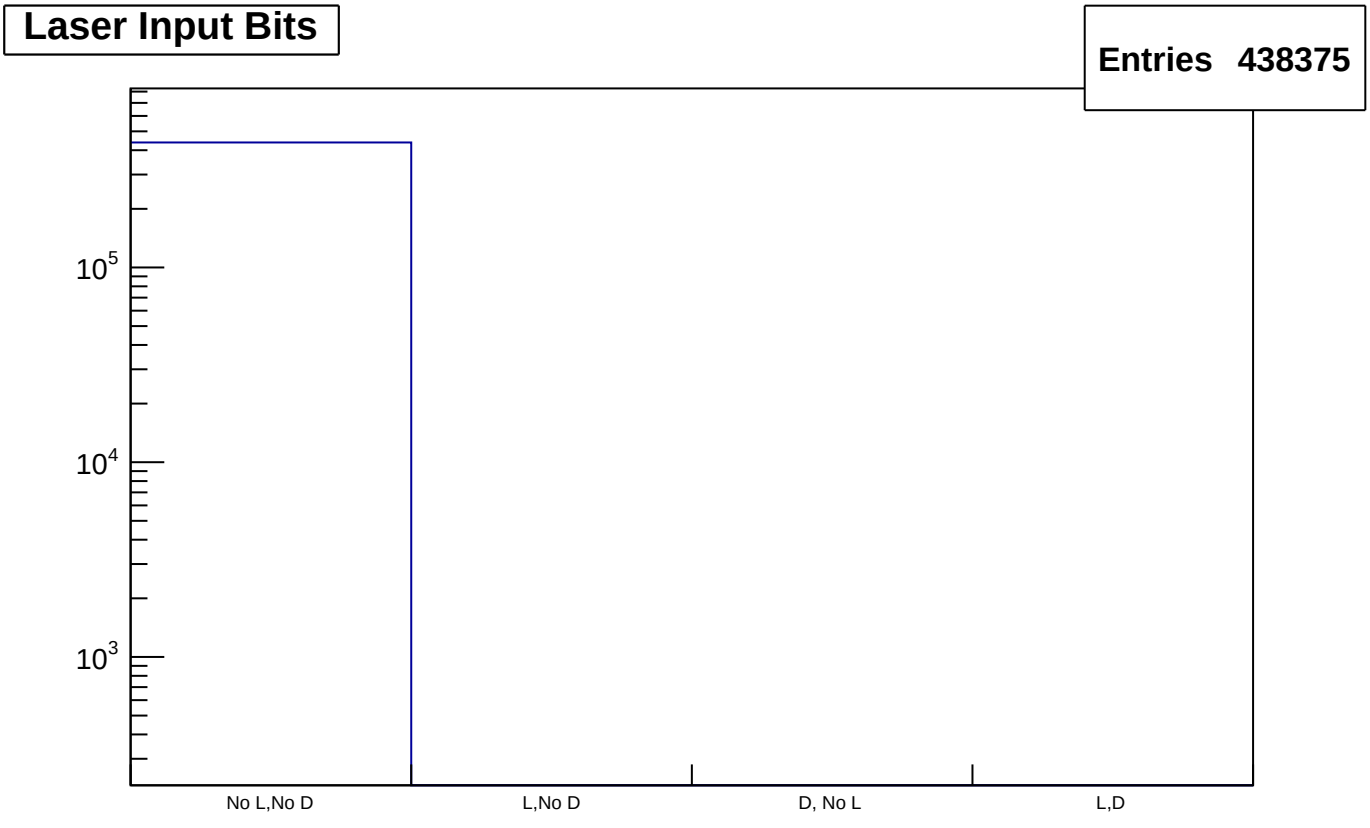

Entries 438375
TOF-Mult
VPD-West ADC Sum

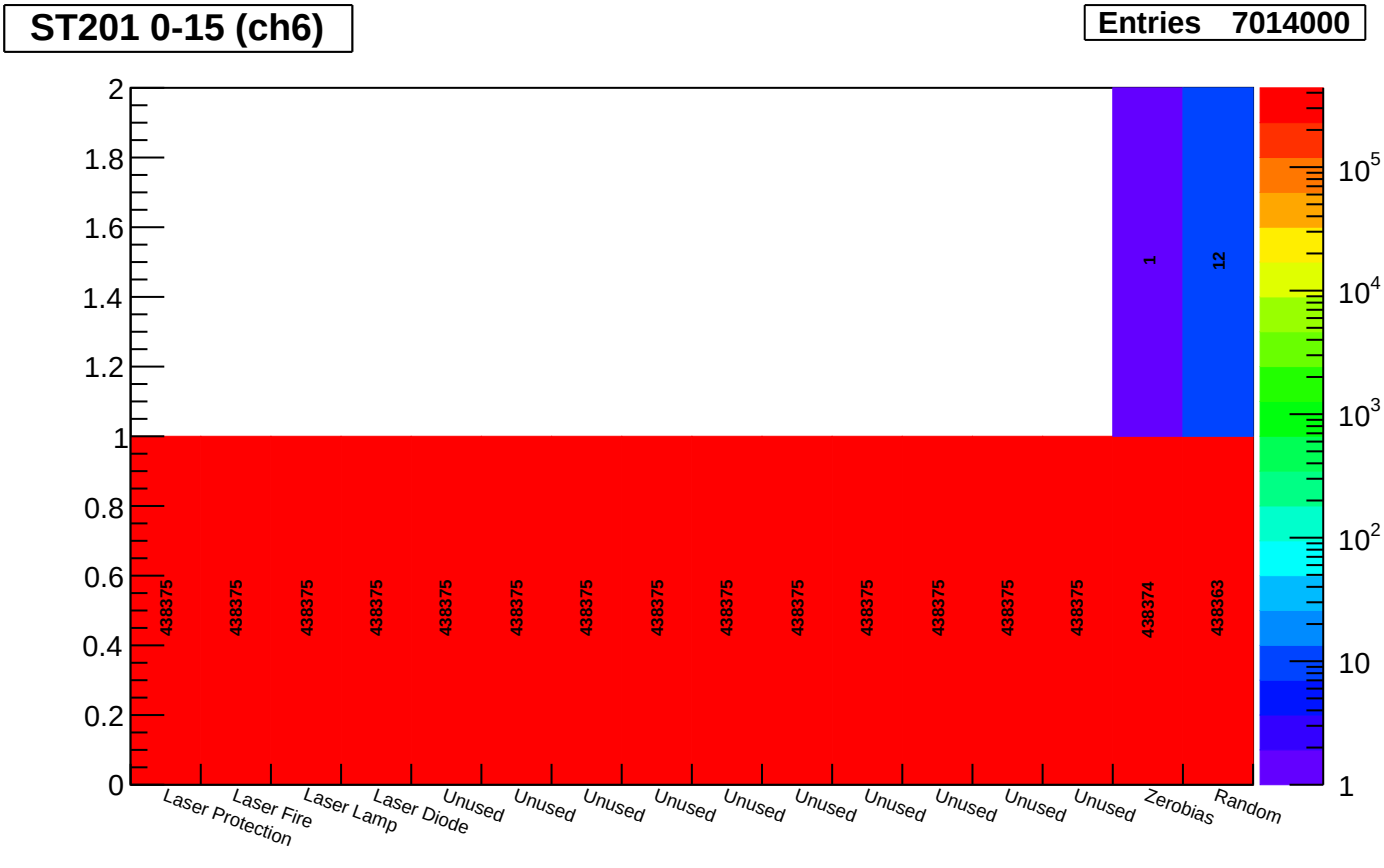

Entries 438375
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

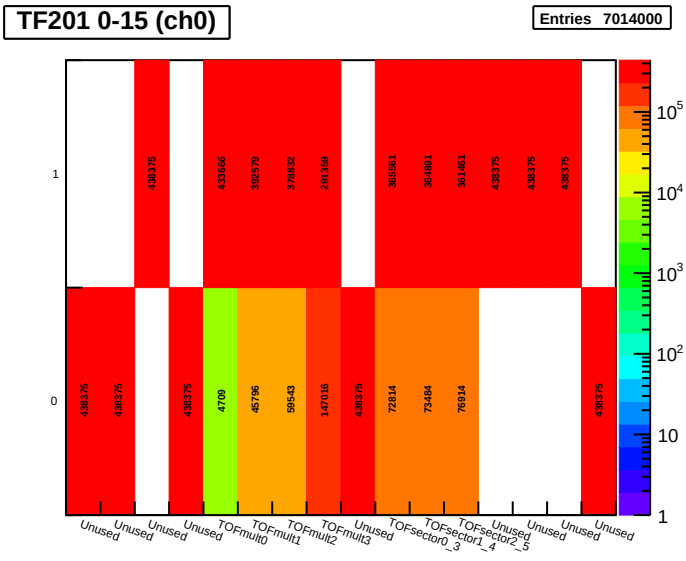

Entries 438375
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

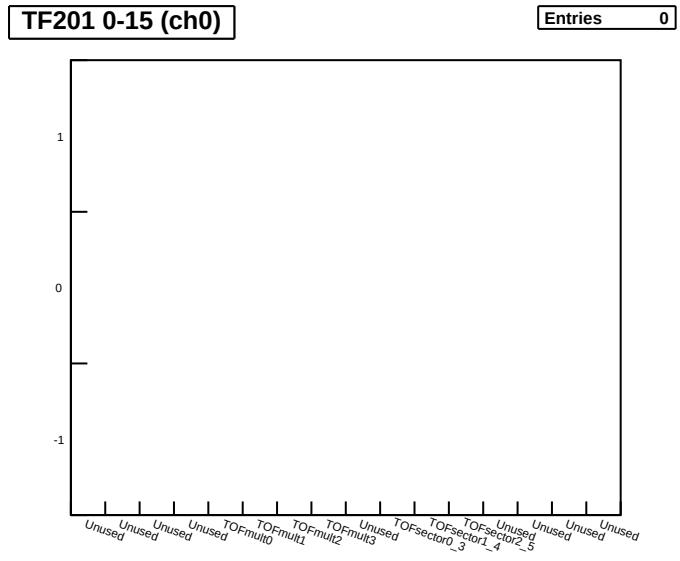

Entries 438375
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

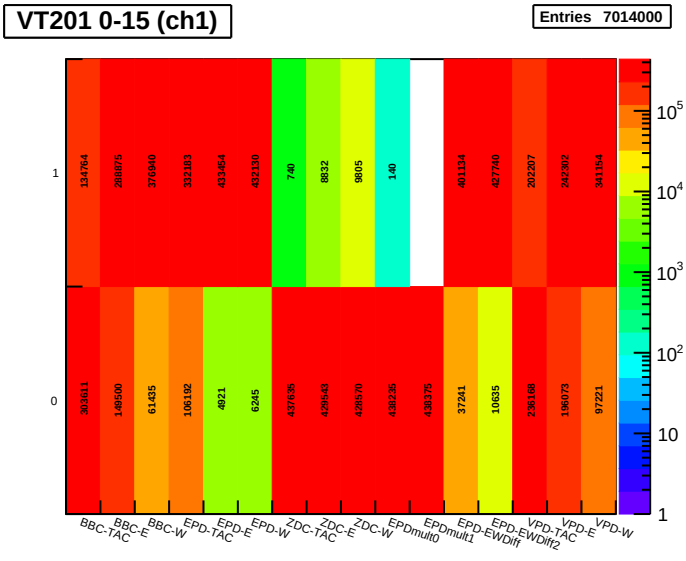

Entries 438375
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

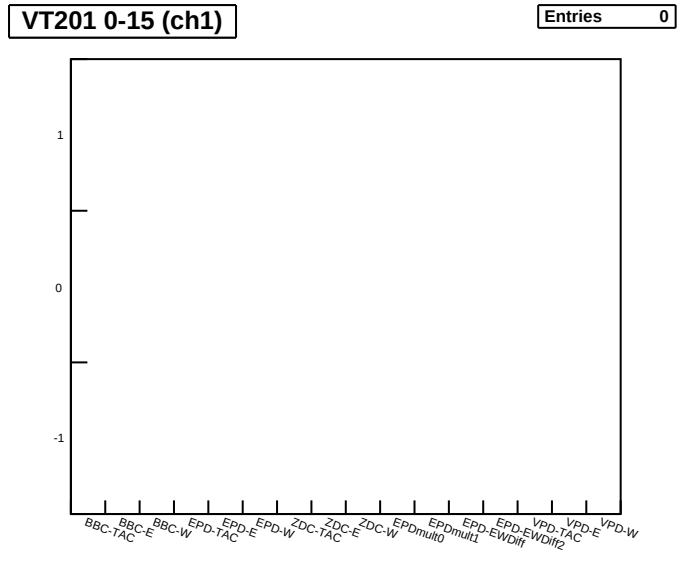

Laser Input Bits
Entries 438375
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

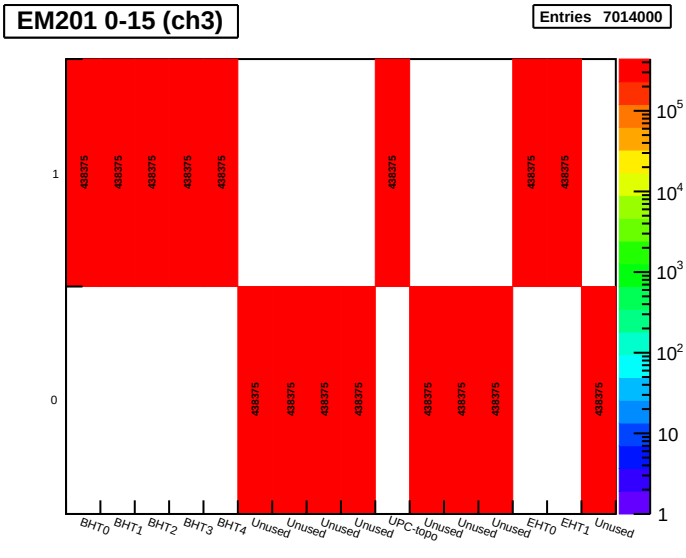

ST201 0-15 (ch6)
Entries 7014000
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438374
438363
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

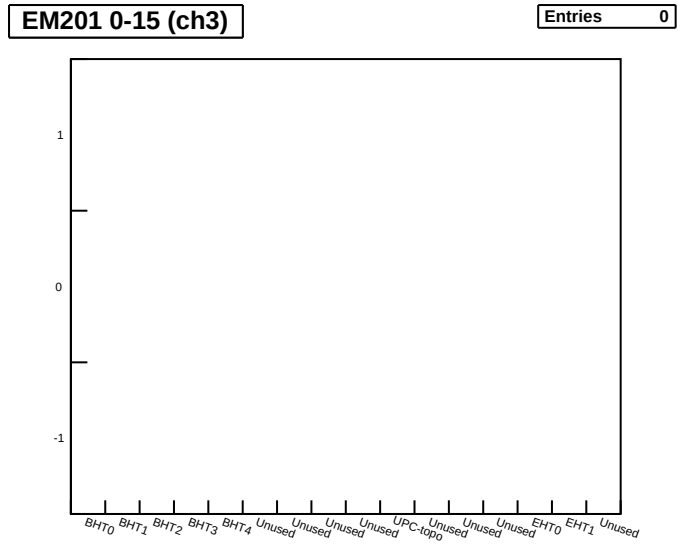

TF201 0-15 (ch0)
Entries 7014000
1
0
438375
433666
392579
378832
291359
365561
364891
361461
438375
438375
438375
438375
438375
438375
4709
45796
59543
147016
438375
72814
73484
76914
438375
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 7014000
1
0
134764
288875
376940
332183
433454
432130
740
8832
9805
140
401134
427740
202207
242302
341154
303611
149500
61435
106192
4921
6245
437635
429543
428570
438235
438375
37241
10635
236168
196073
97221
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 7014000
1
0
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
438375
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