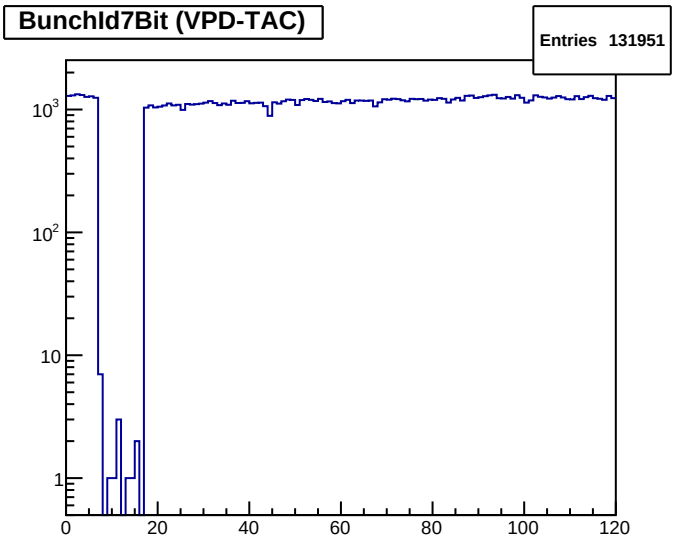
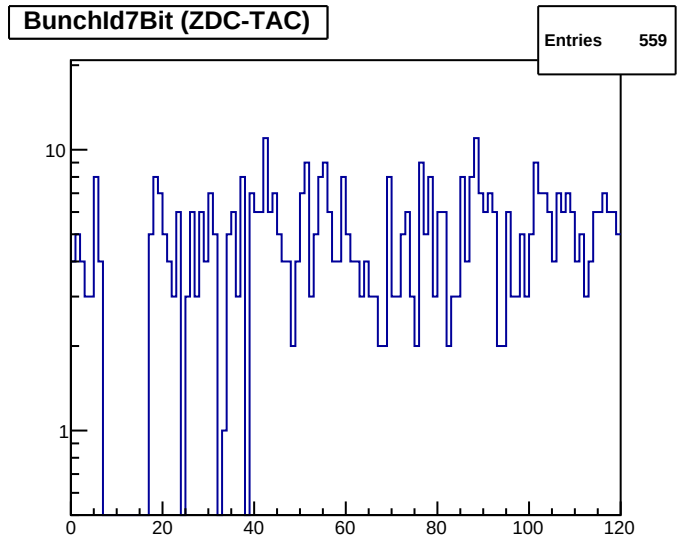
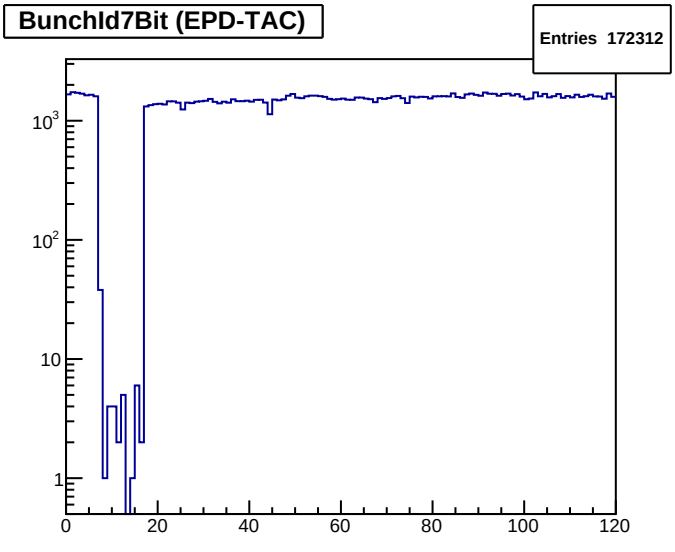
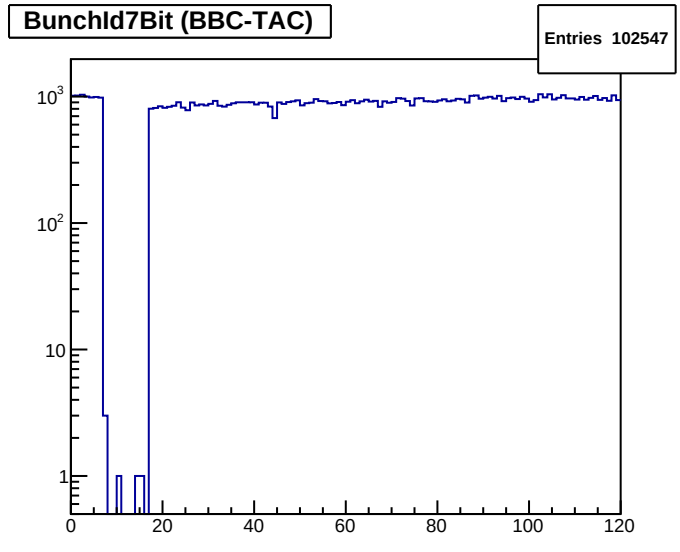
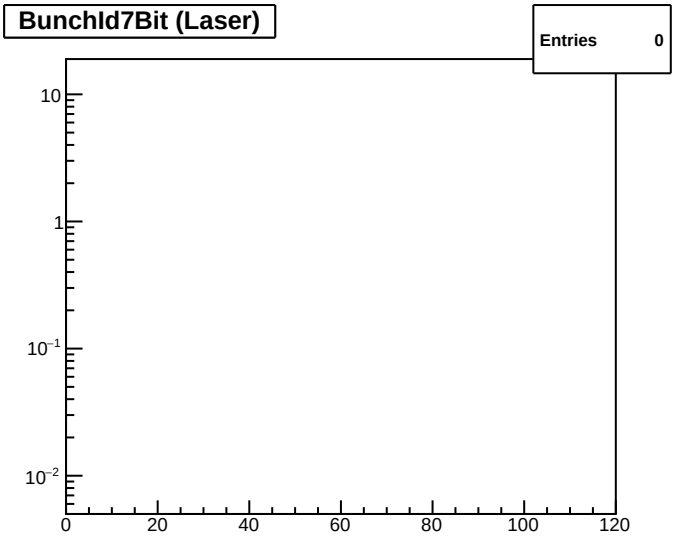
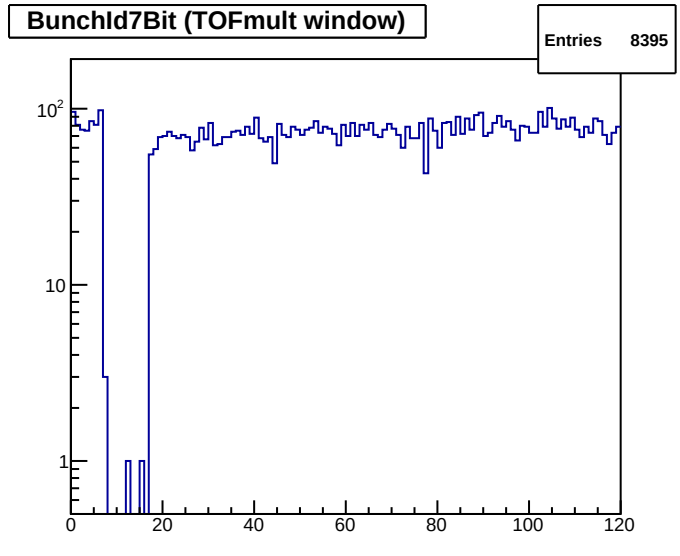

BunchId7Bit (VPD-TAC)
Entries 131951

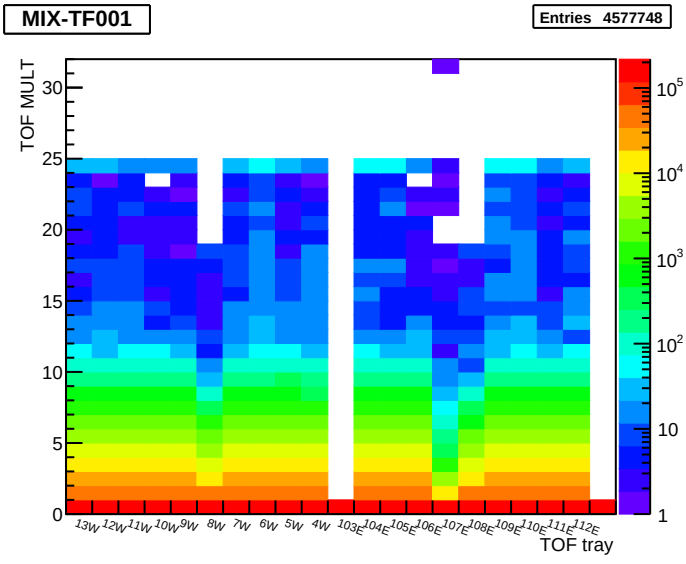

BunchId7Bit (ZDC-TAC)
Entries 559

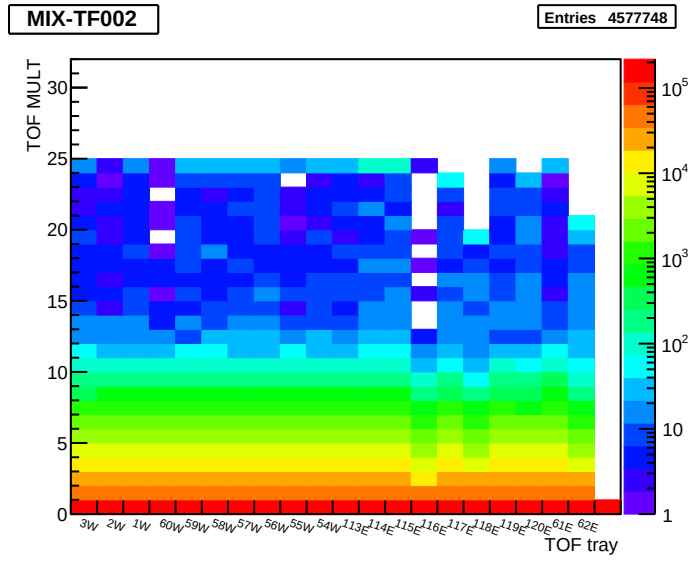

BunchId7Bit (EPD-TAC)
Entries 172312

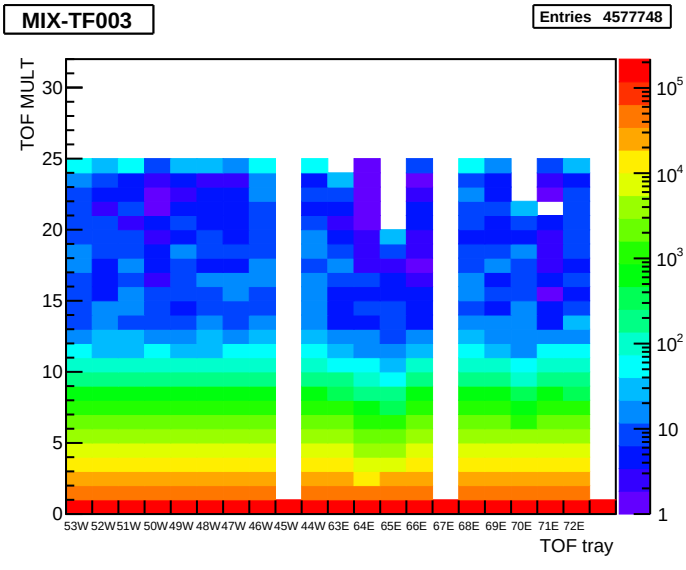

BunchId7Bit (BBC-TAC)
Entries 102547

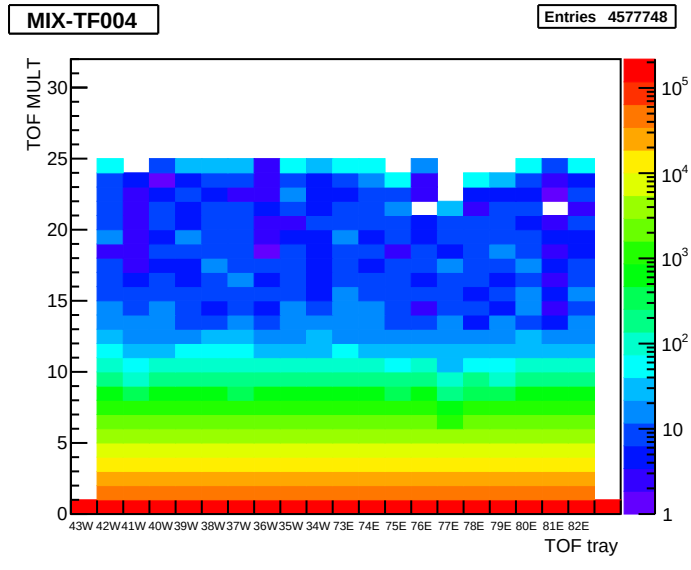

BunchId7Bit (Laser)
Entries 0

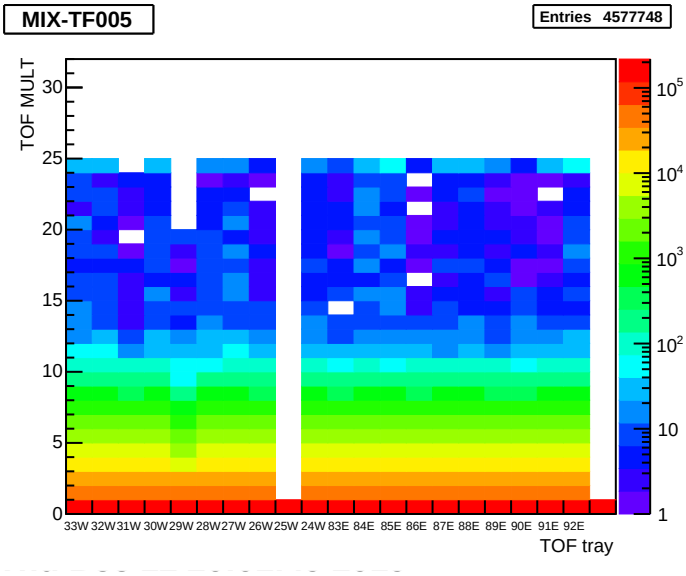

BunchId7Bit (TOFmult window)
Entries 8395

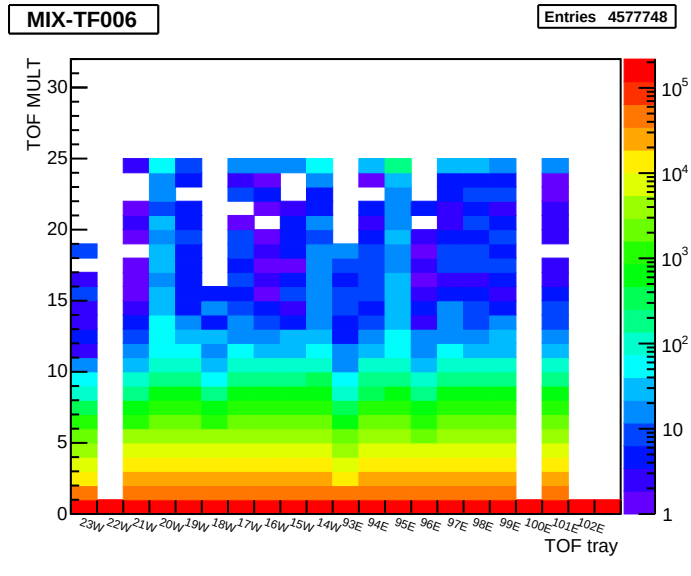

MIX-TF001
Entries 4577748
TOF MULT
TOF tray

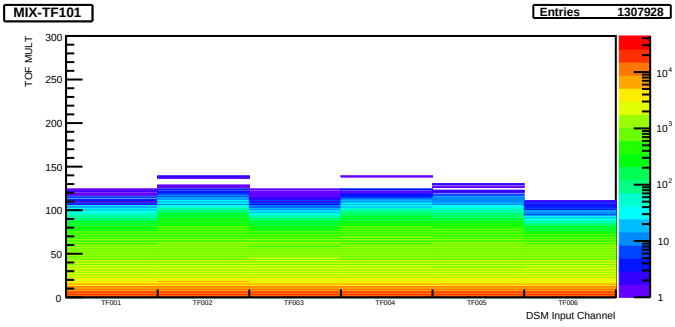

MIX-TF002
Entries 4577748
TOF MULT
TOF tray

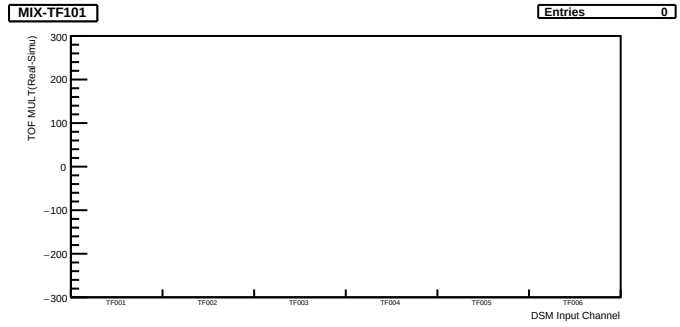

MIX-TF003
Entries 4577748
TOF MULT
TOF tray

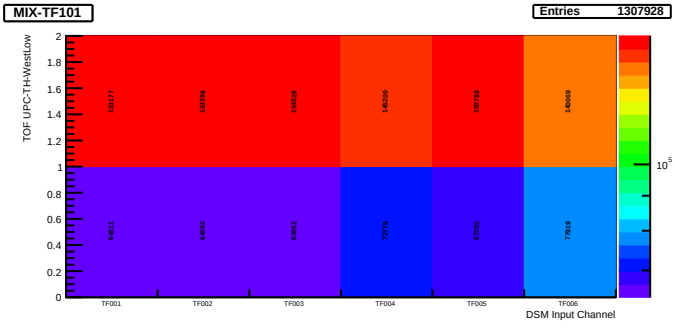

MIX-TF004
Entries 4577748
TOF MULT
TOF tray

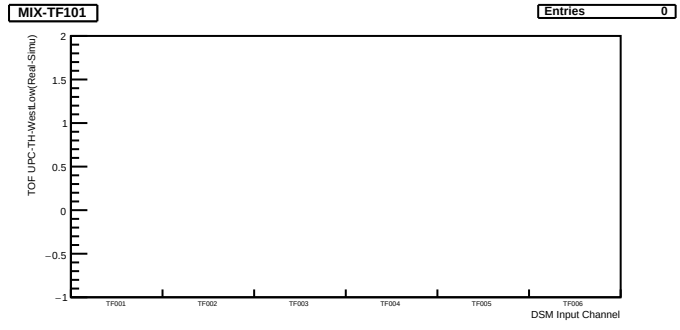

MIX-TF005
Entries 4577748
TOF MULT
TOF tray

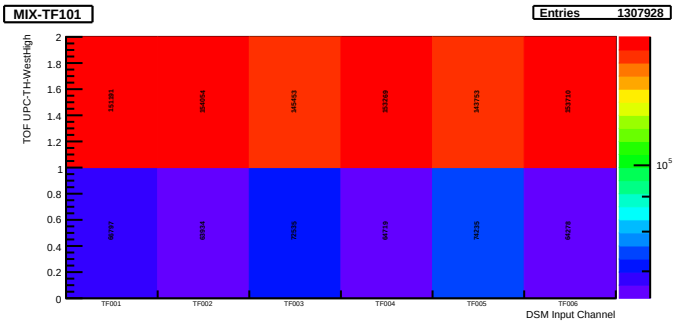

MIX-TF006
Entries 4577748
TOF MULT
TOF tray

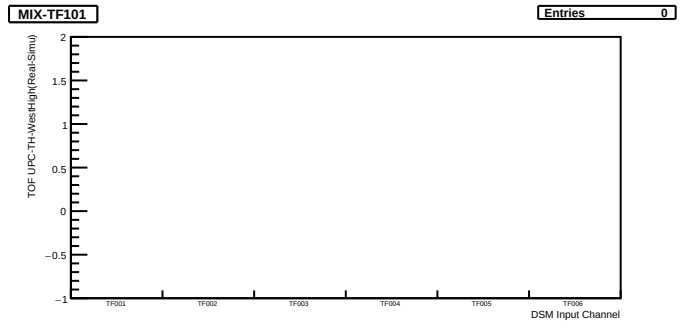

MIX-TF101
Entries 1307928
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

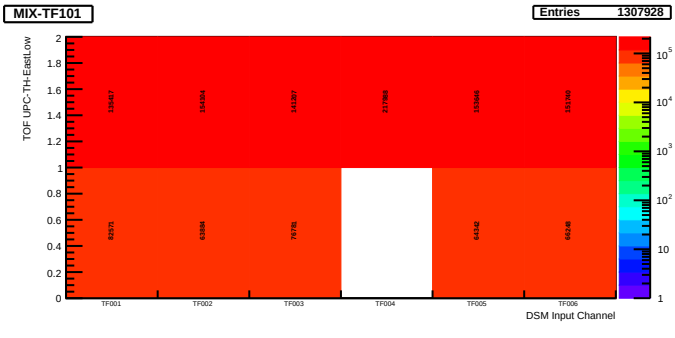

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

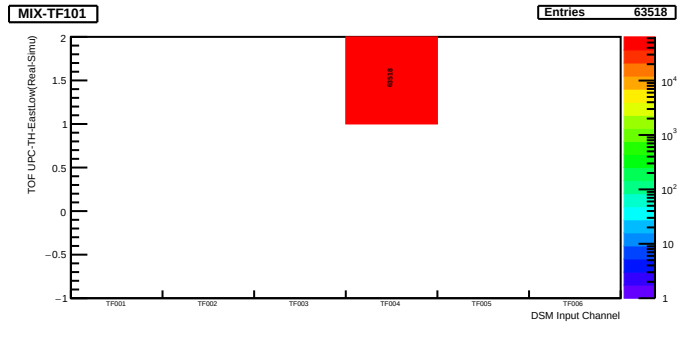

MIX-TF101
Entries 1307928
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

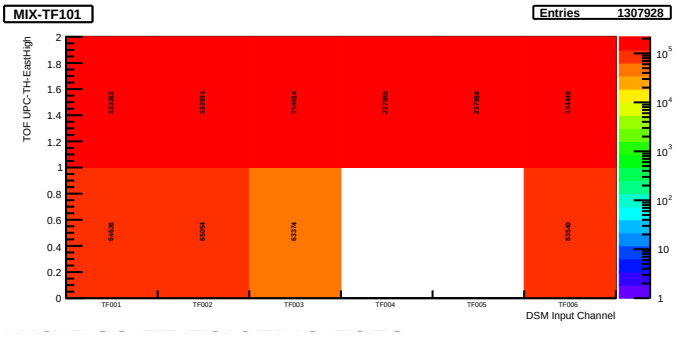

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

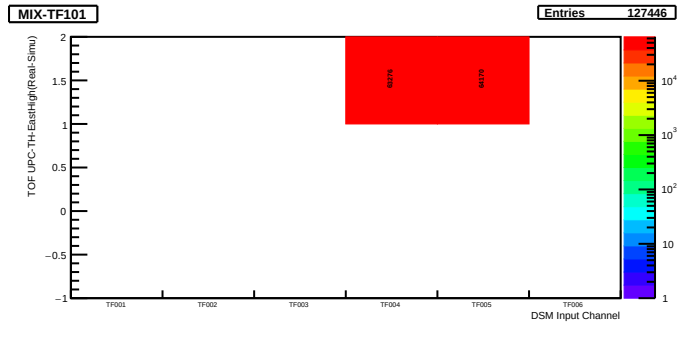

MIX-TF101
Entries 1307928
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

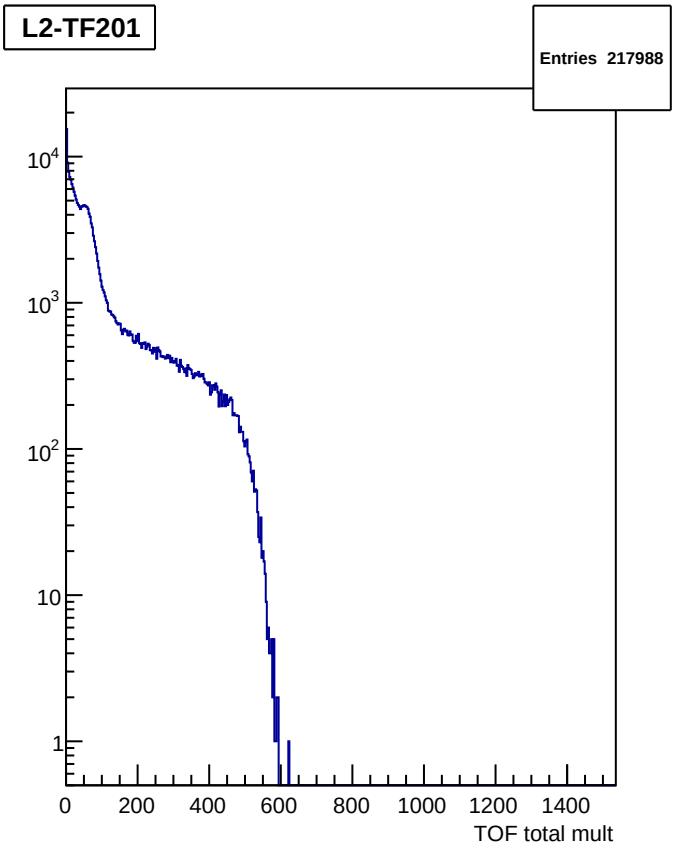

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

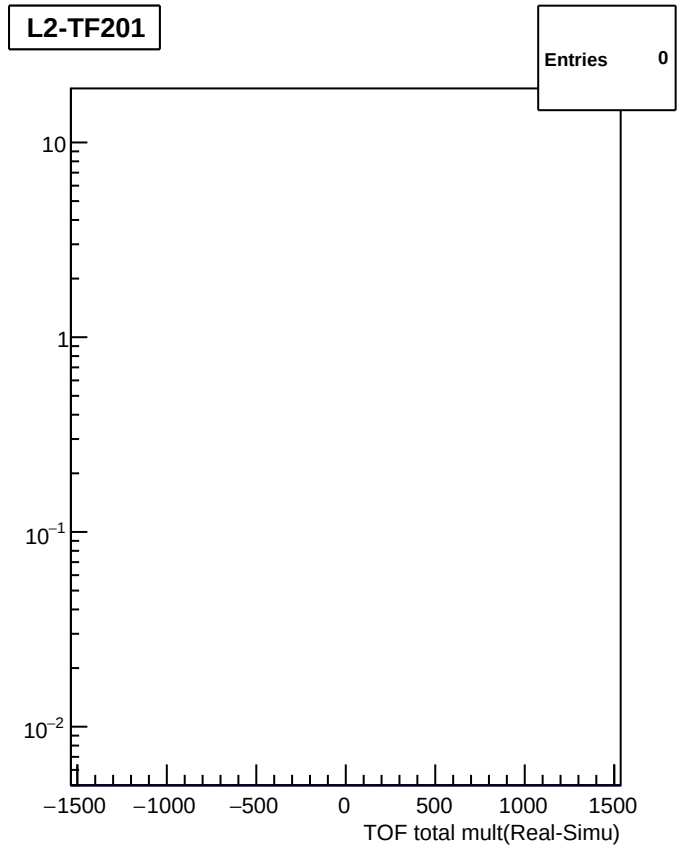

MIX-TF101
Entries 1307928
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

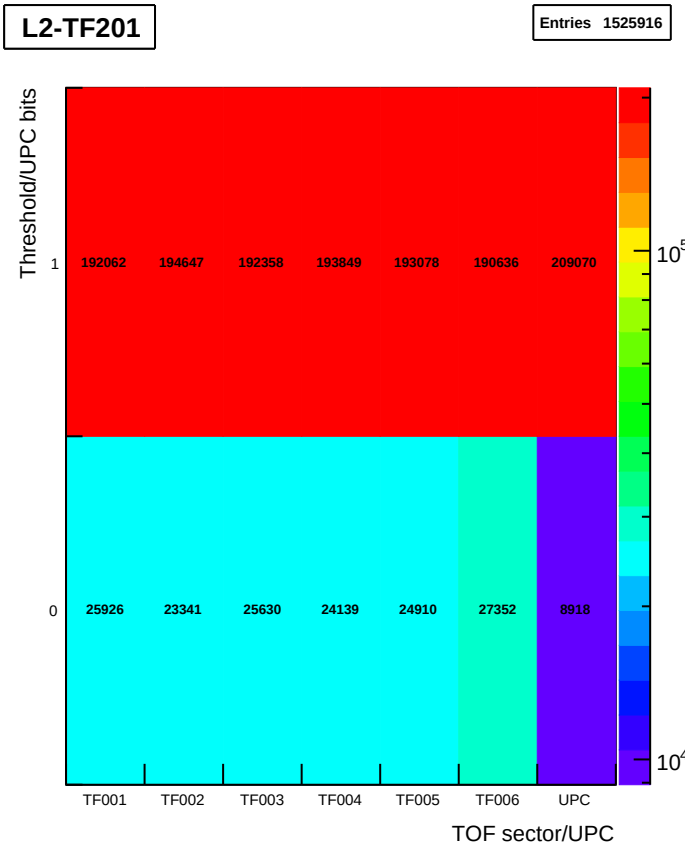

MIX-TF101
Entries 63518
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

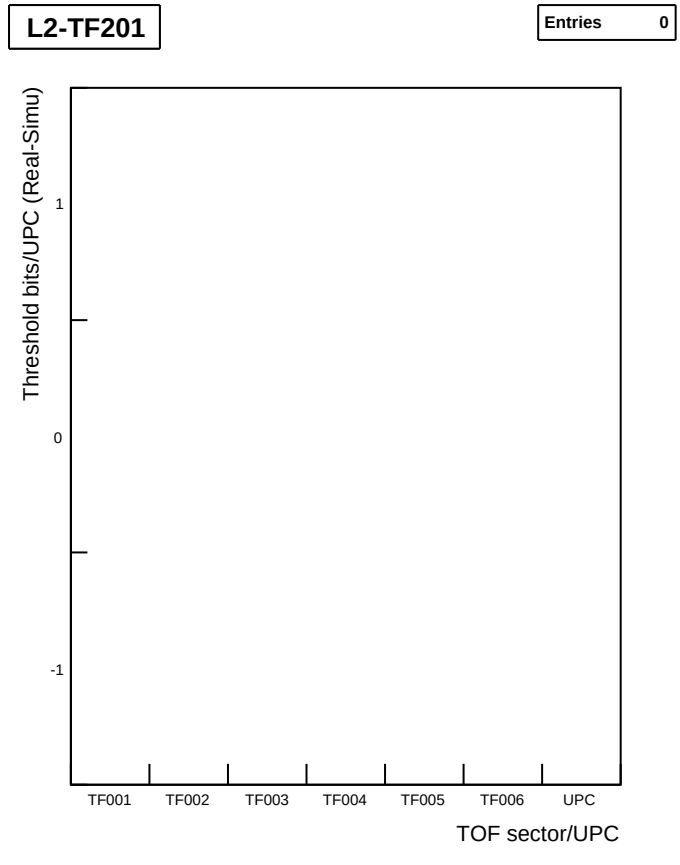

MIX-TF101
Entries 1307928
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

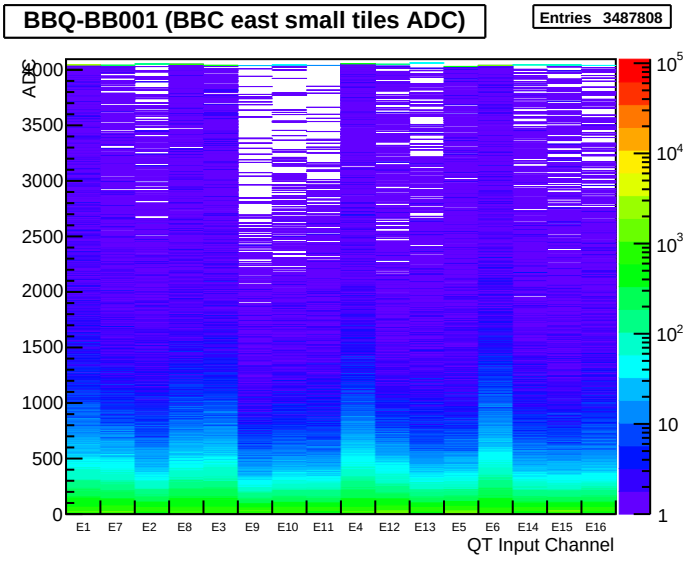

MIX-TF101
Entries 127446
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

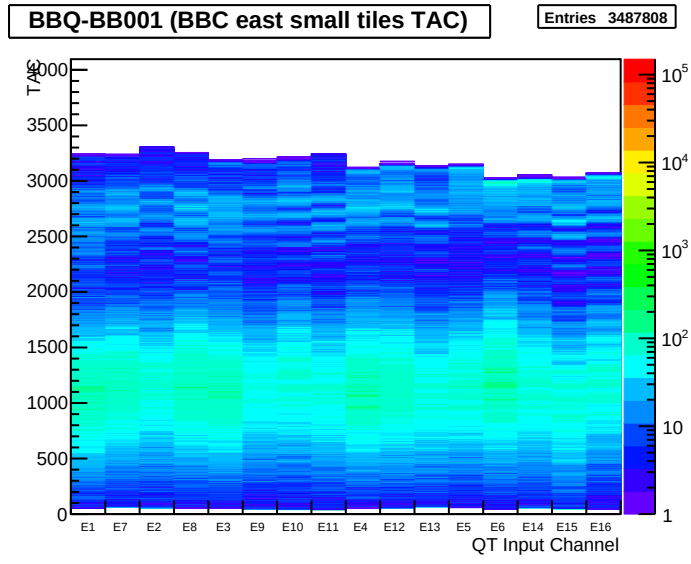

L2-TF201
Entries 217988
TOF total mult

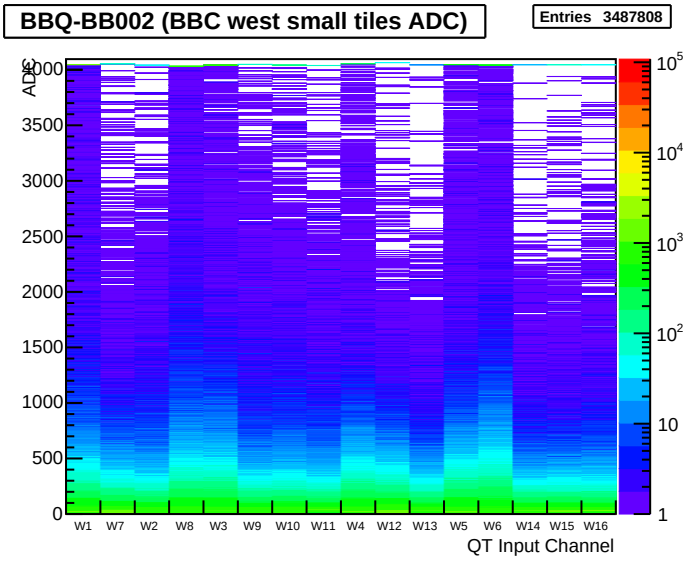

L2-TF201
Entries 0
TOF total mult(Real-Simu)

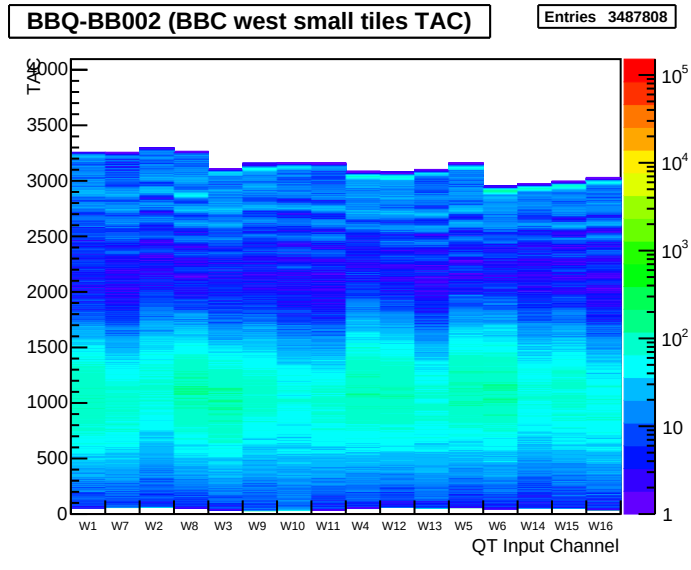

L2-TF201
Entries 1525916
Threshold/UPC bits
192062
194647
192358
193849
193078
190636
209070
25926
23341
25630
24139
24910
27352
8918
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

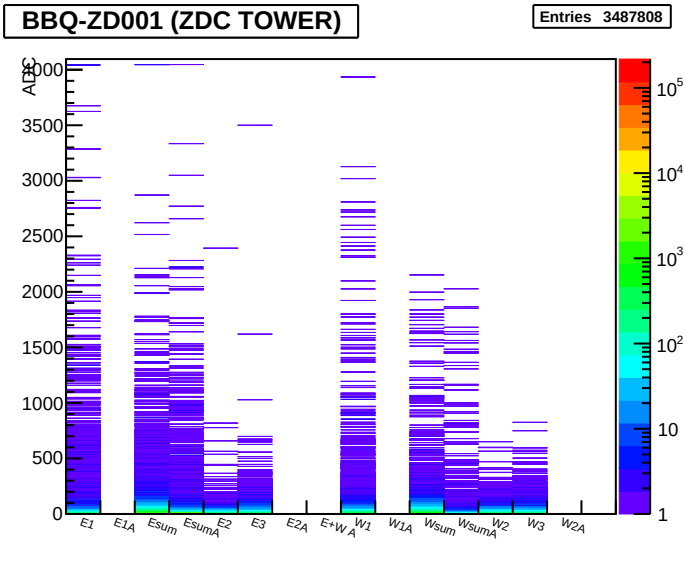

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

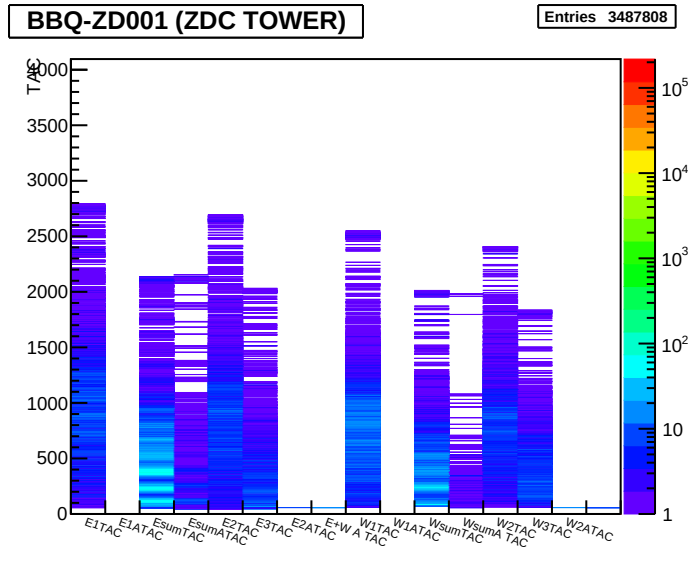

BBQ-BB001 (BBC east small tiles ADC)
Entries 3487808
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

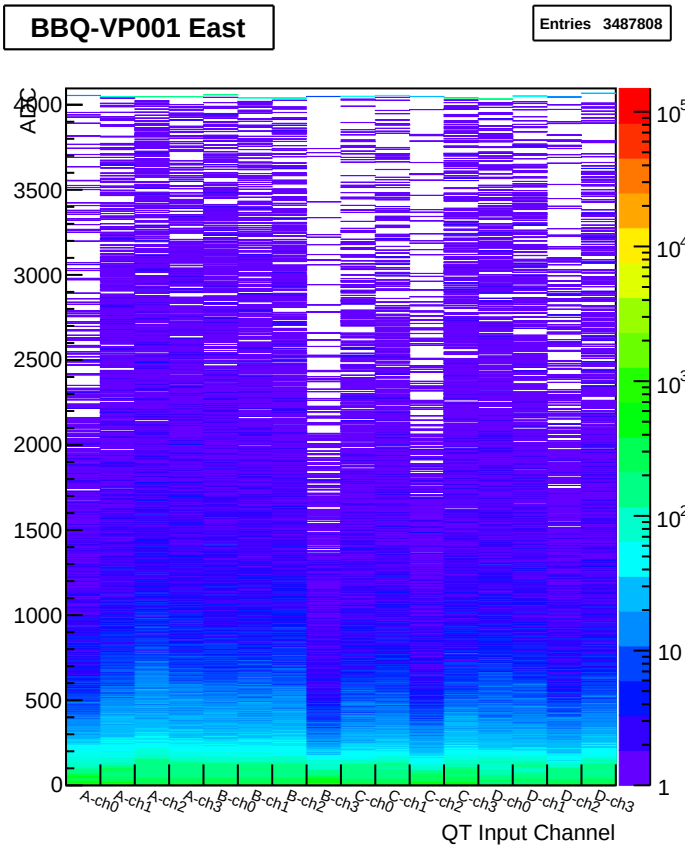

BBQ-BB001 (BBC east small tiles TAC)
Entries 3487808
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

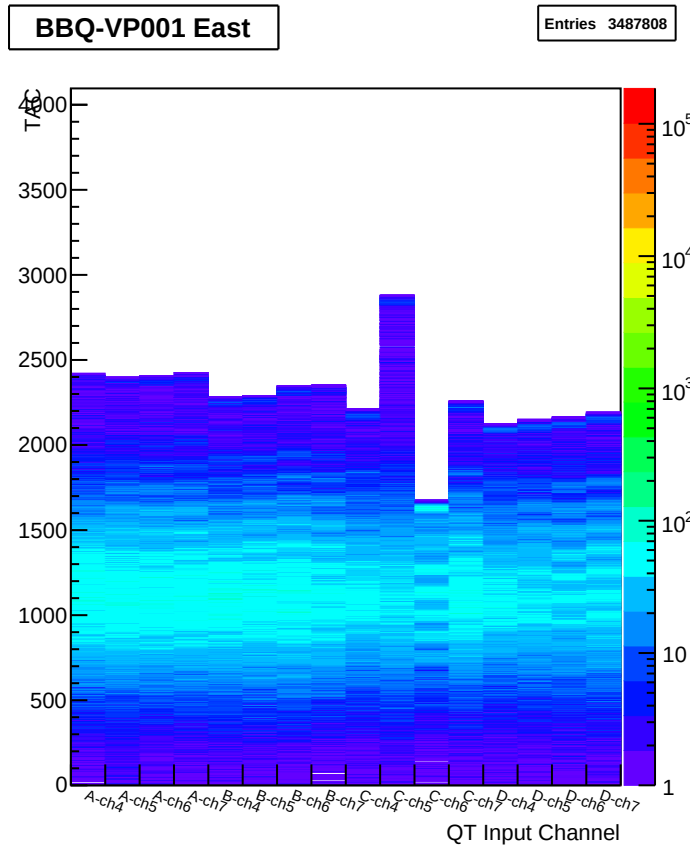

BBQ-BB002 (BBC west small tiles ADC)
Entries 3487808
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

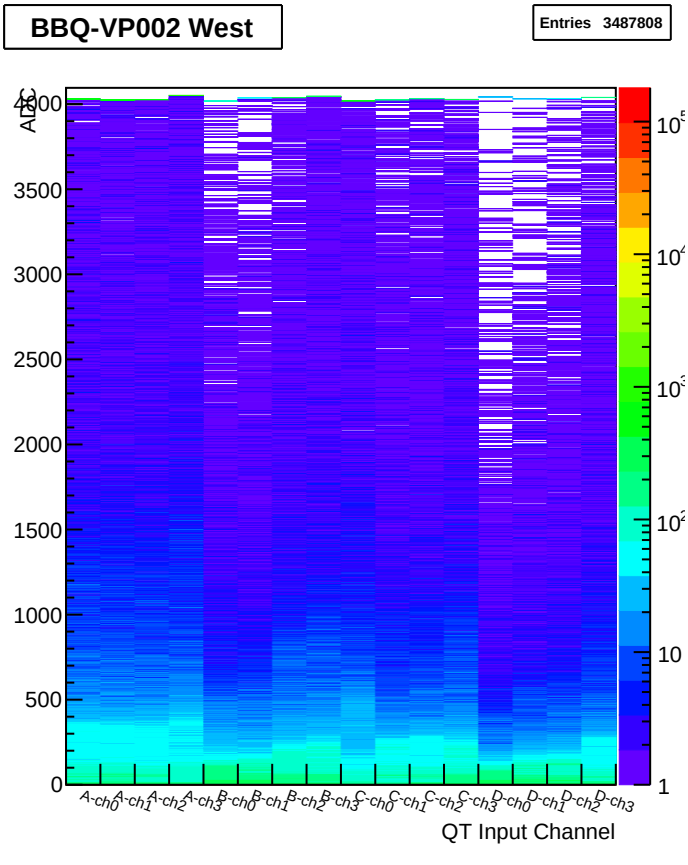

BBQ-BB002 (BBC west small tiles TAC)
Entries 3487808
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

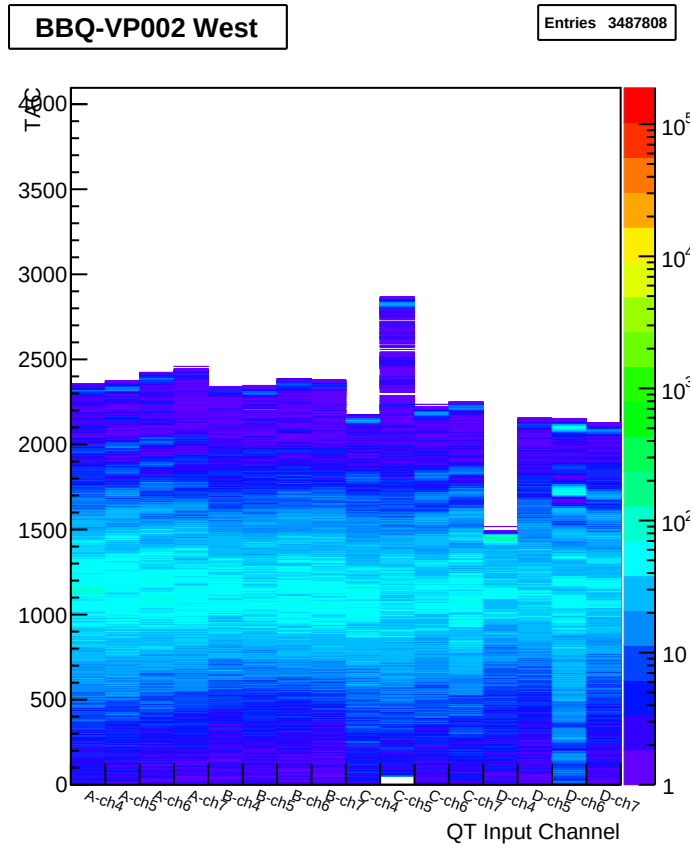

BBQ-ZD001 (ZDC TOWER)
Entries 3487808
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

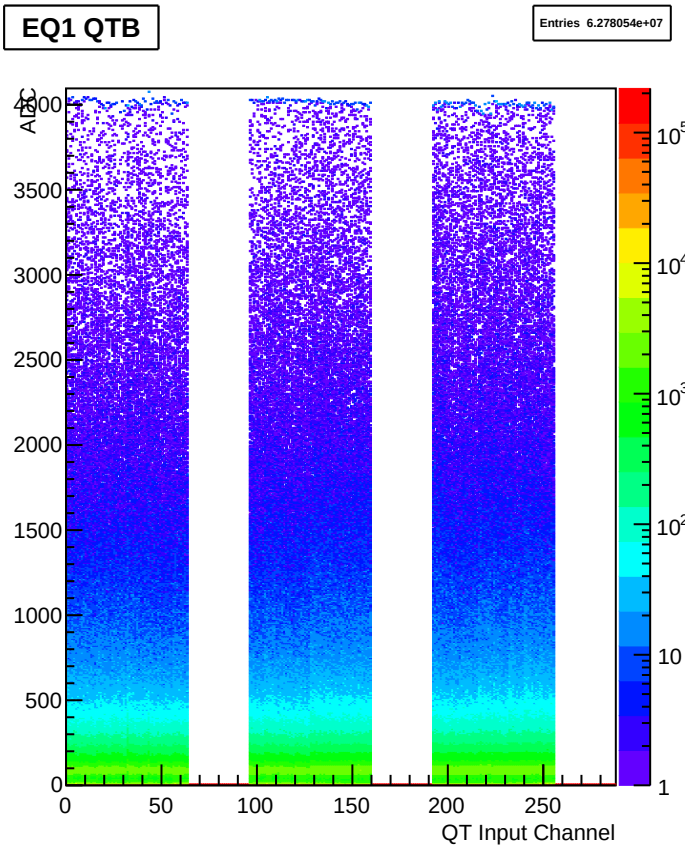

BBQ-ZD001 (ZDC TOWER)
Entries 3487808
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

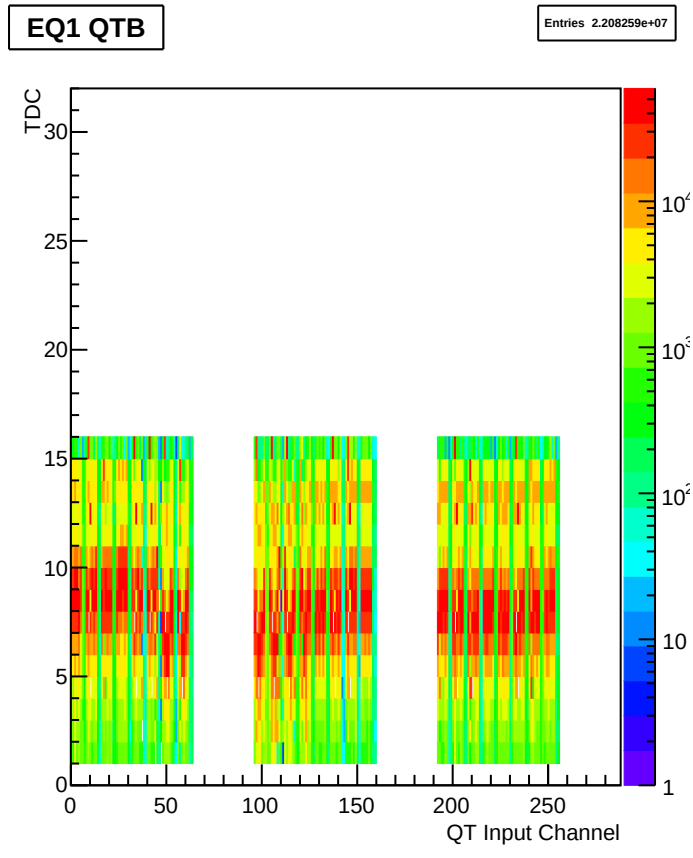

BBQ-VP001 East
Entries 3487808
ADC
QT Input Channel

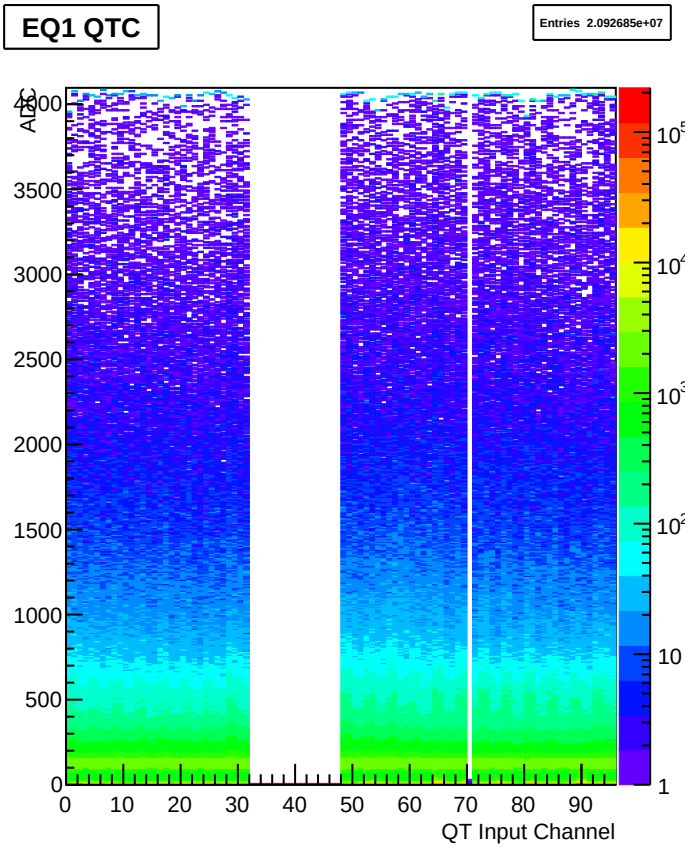

BBQ-VP001 East
Entries 3487808
ADC
QT Input Channel

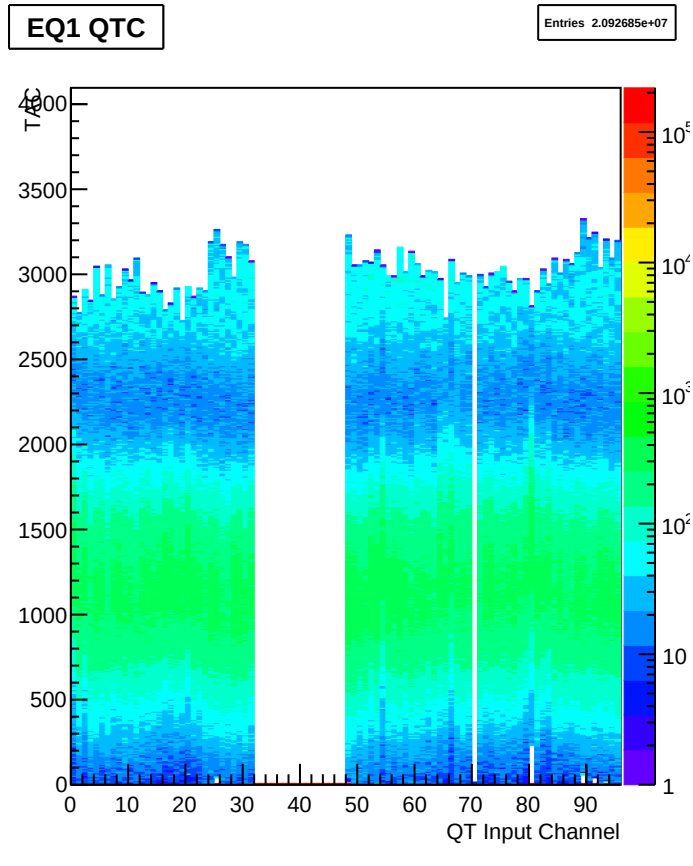

BBQ-VP002 West
Entries 3487808
ADC
QT Input Channel

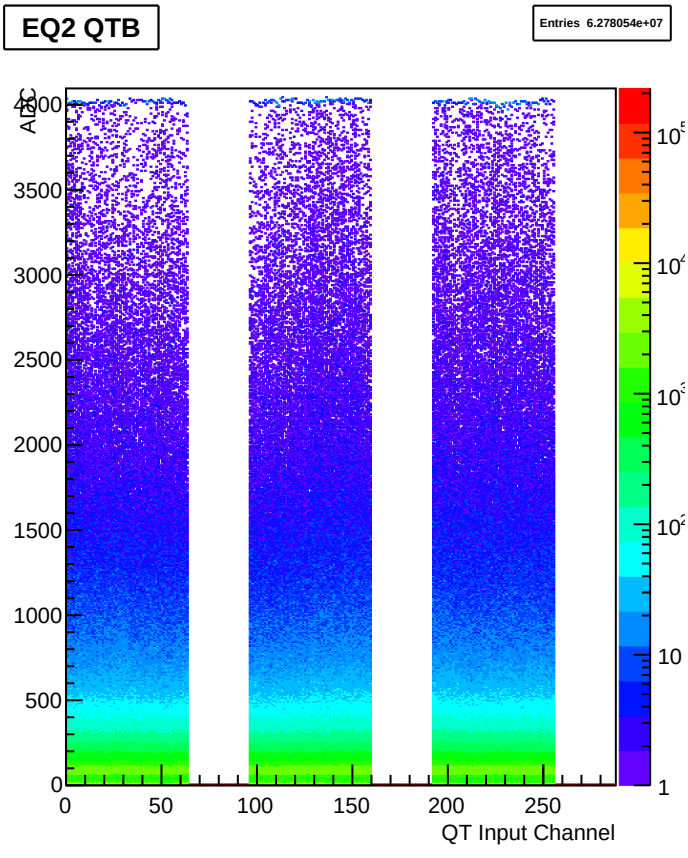

BBQ-VP002 West
Entries 3487808
ADC
QT Input Channel

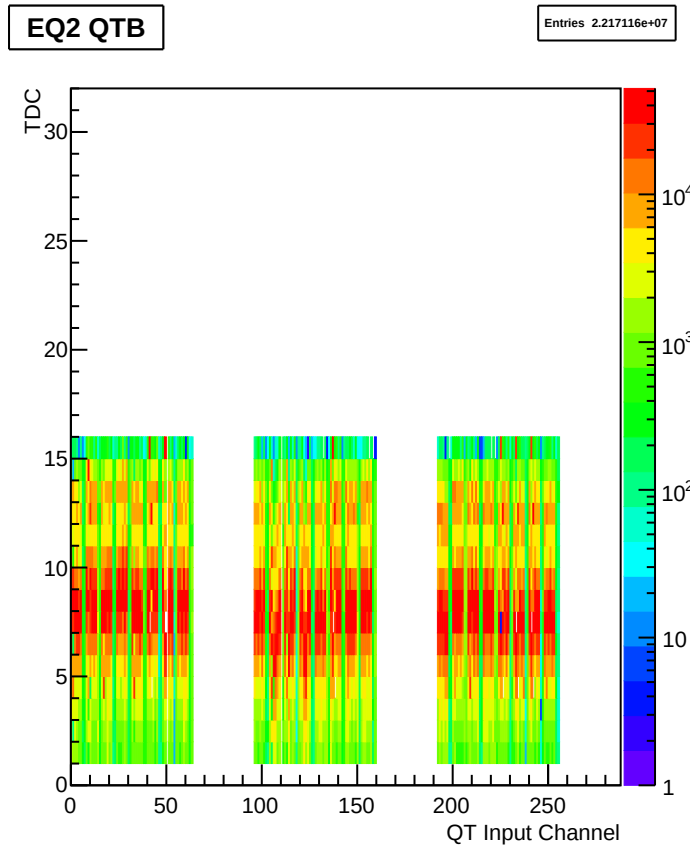

EQ1 QTB
Entries 6.278054e+07
ADC
QT Input Channel

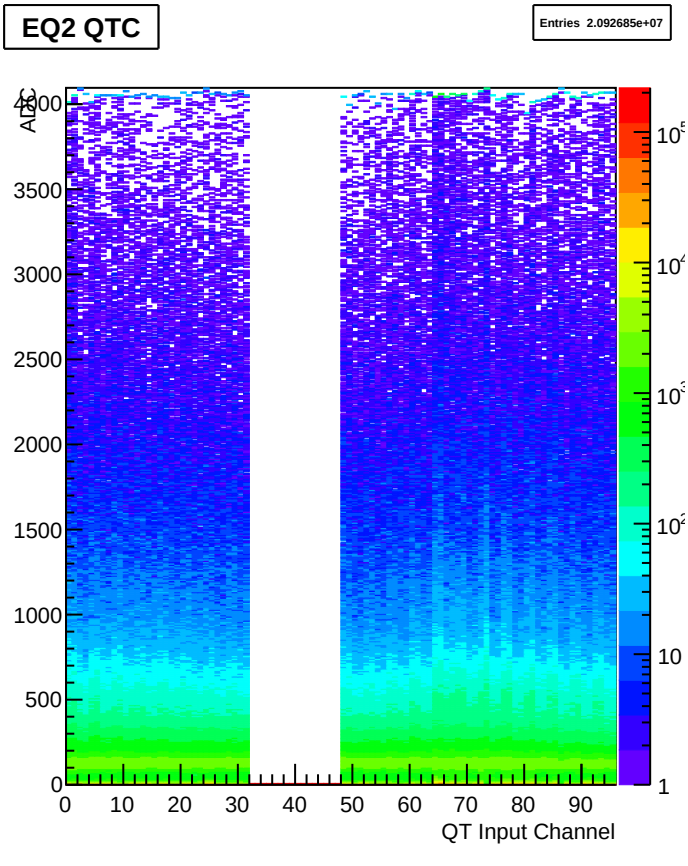

EQ1 QTB
Entries 2.208259e+07
TDC
QT Input Channel

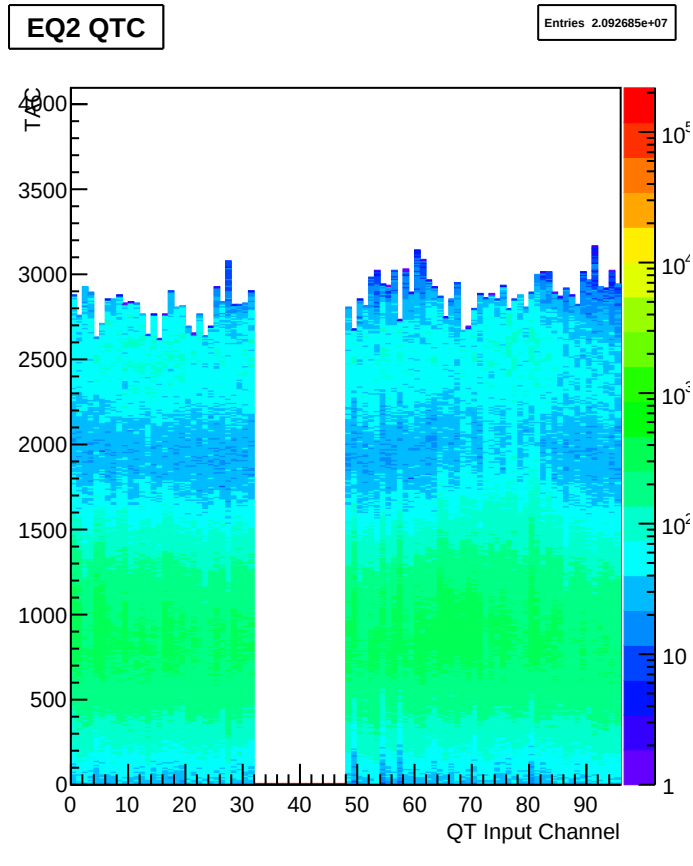

EQ1 QTC
Entries 2.092685e+07
ADC
QT Input Channel

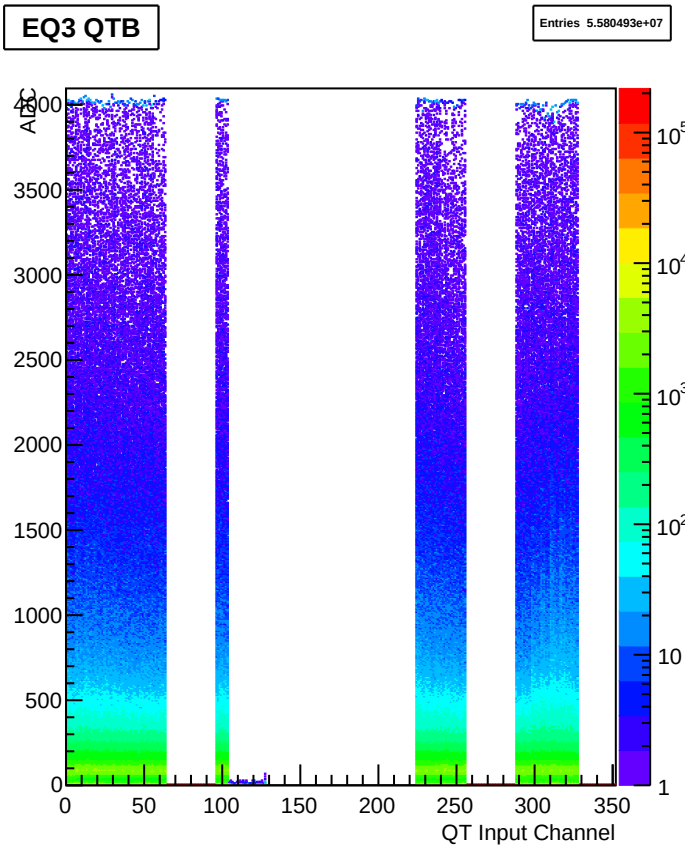

EQ1 QTC
Entries 2.092685e+07
TADC
QT Input Channel

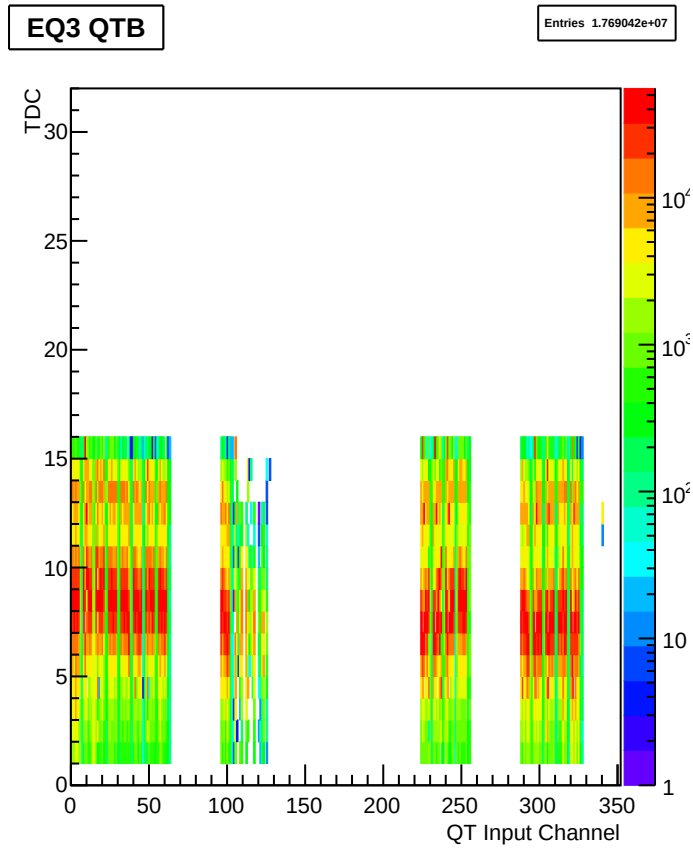

EQ2 QTB
Entries 6.278054e+07
ADC
QT Input Channel

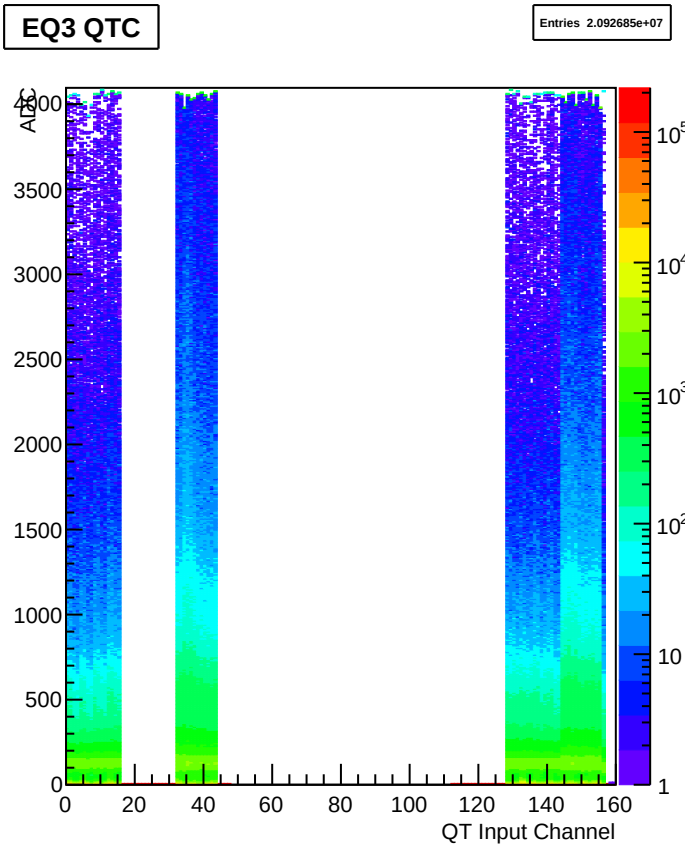

EQ2 QTB
Entries 2.217116e+07
TDC
QT Input Channel

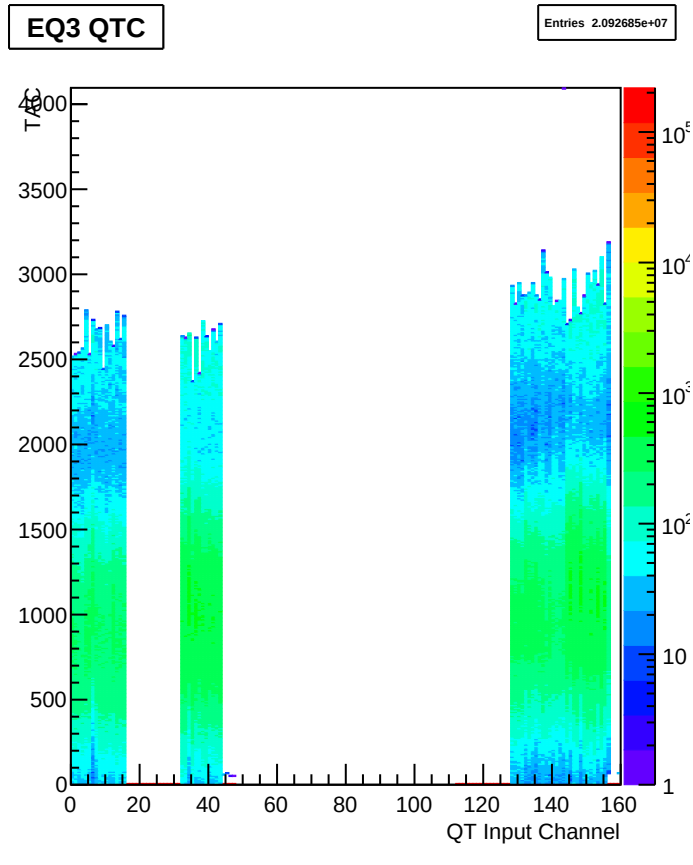

EQ2 QTC
Entries 2.092685e+07
ADC
QT Input Channel

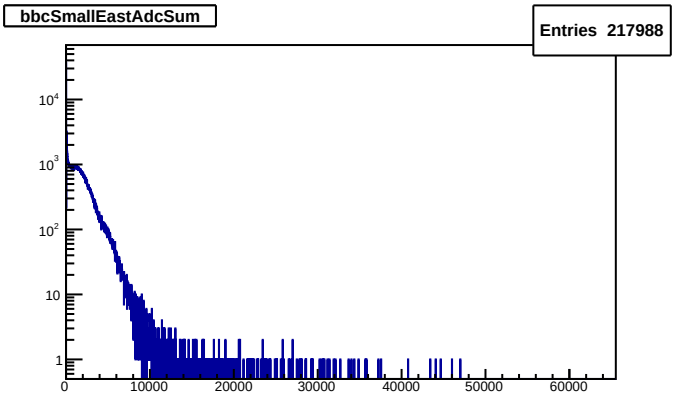

EQ2 QTC
Entries 2.092685e+07
TADC
QT Input Channel

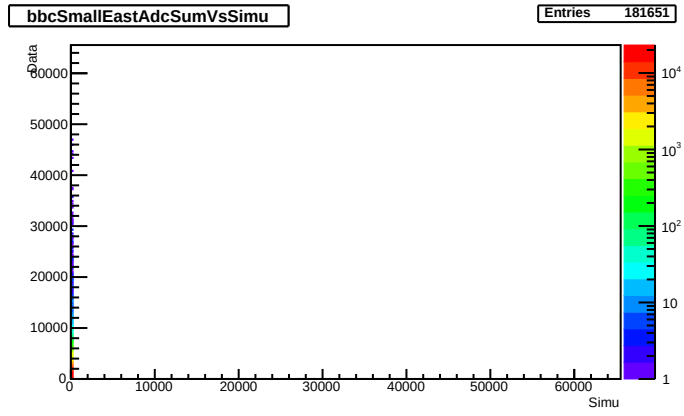

EQ3 QTB
Entries 5.580493e+07
ADC
QT Input Channel

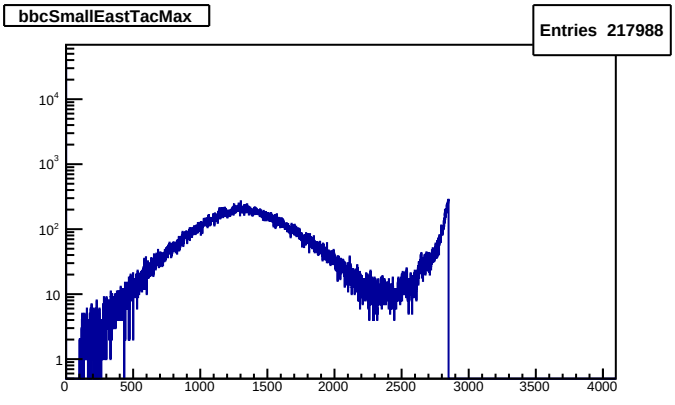

EQ3 QTB
Entries 1.769042e+07
TDC
QT Input Channel

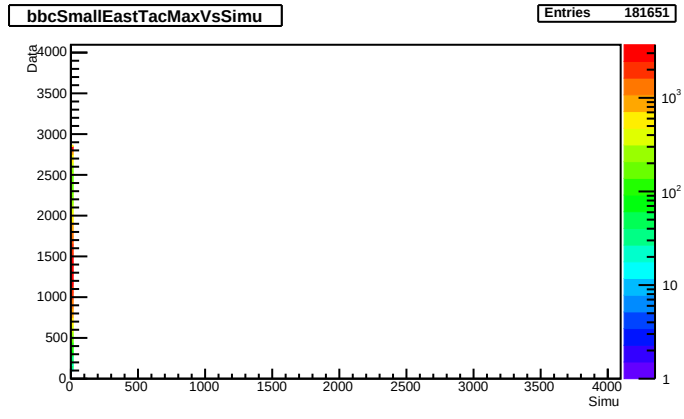

EQ3 QTC
Entries 2.092685e+07
ADC
QT Input Channel

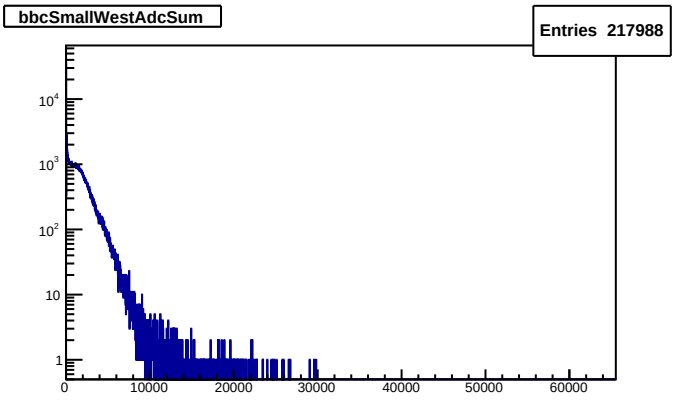

EQ3 QTC
Entries 2.092685e+07
TADC
QT Input Channel

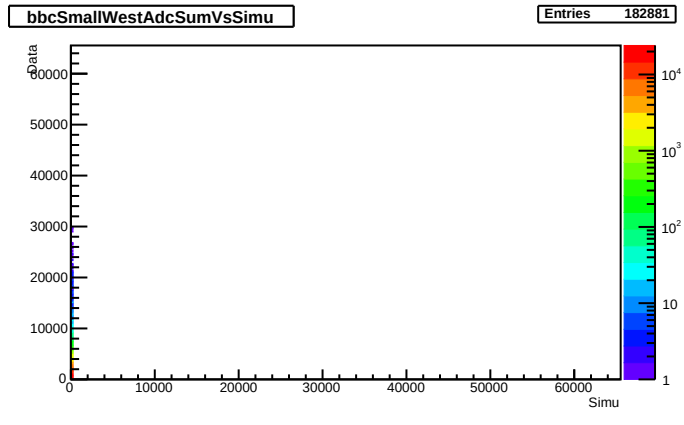

bbcSmallEastAdcSum
Entries 217988

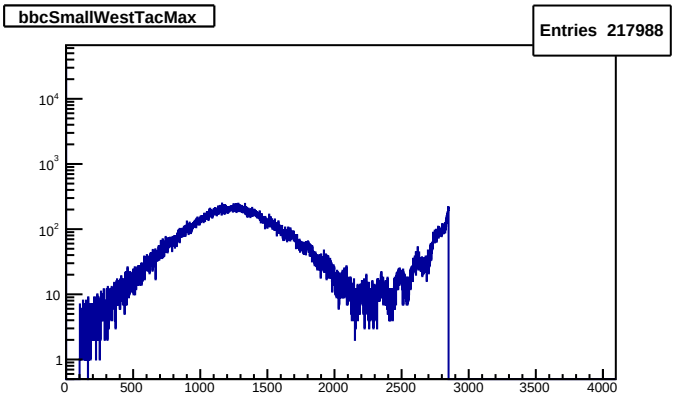

bbcSmallEastAdcSumVsSimu
Entries 181651
Data
Simu

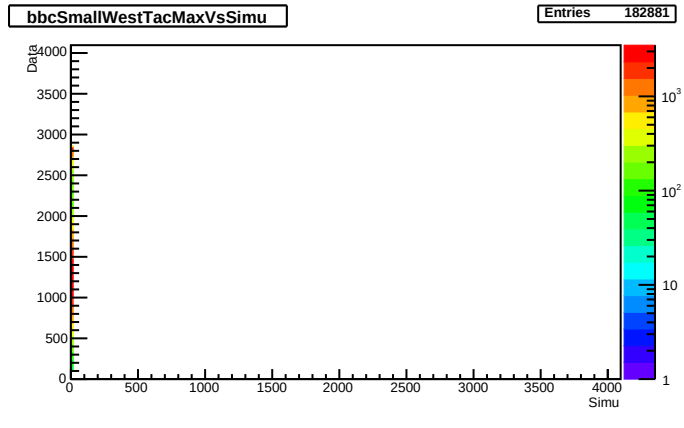

bbcSmallEastTacMax
Entries 217988

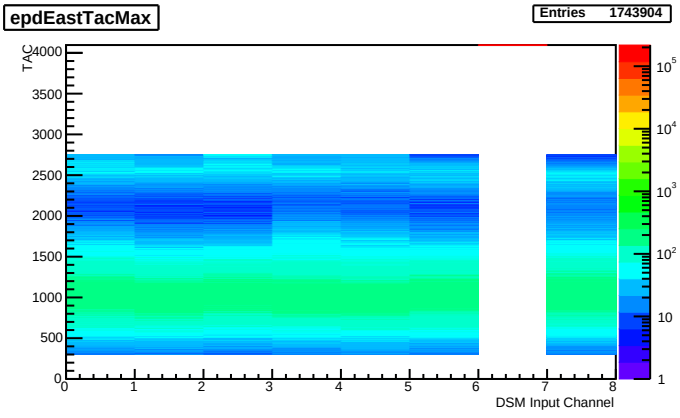

bbcSmallEastTacMaxVsSimu
Entries 181651
Data
Simu

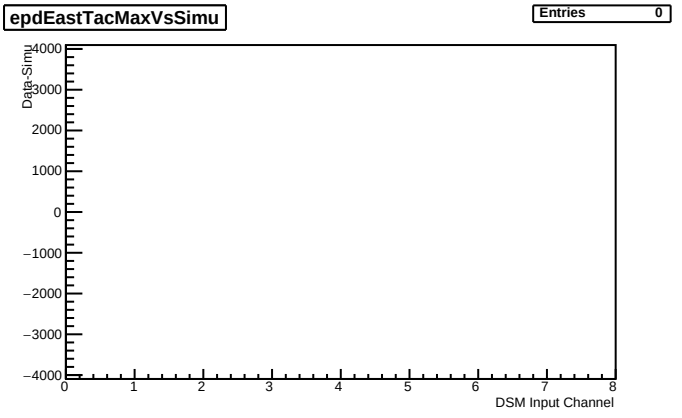

bbcSmallWestAdcSum
Entries 217988

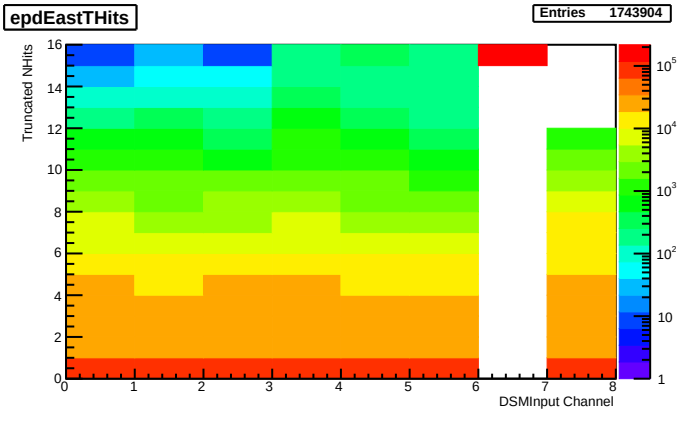

bbcSmallWestAdcSumVsSimu
Entries 182881
Data
Simu

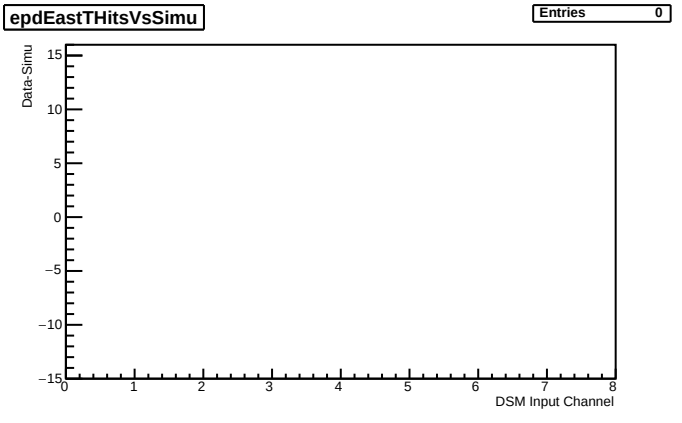

bbcSmallWestTacMax
Entries 217988


bbcSmallWestTacMaxVsSimu
Entries 182881
Data
Simu


epdEastTacMax
Entries 1743904
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1743904
Truncated NHits
DSMInput Channel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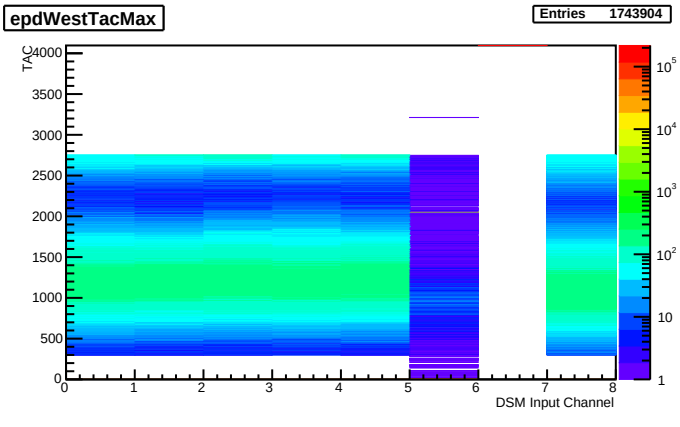
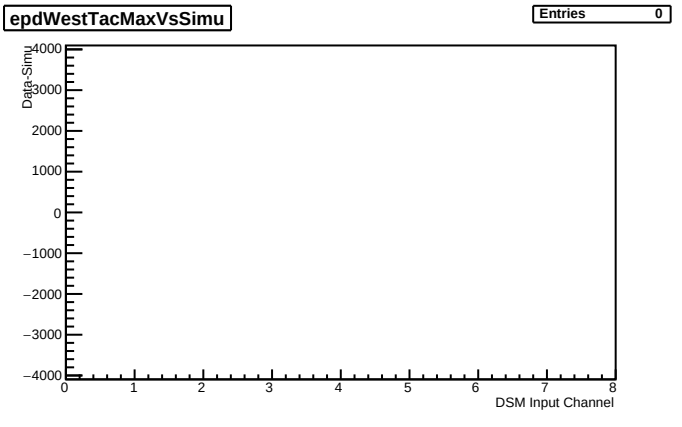
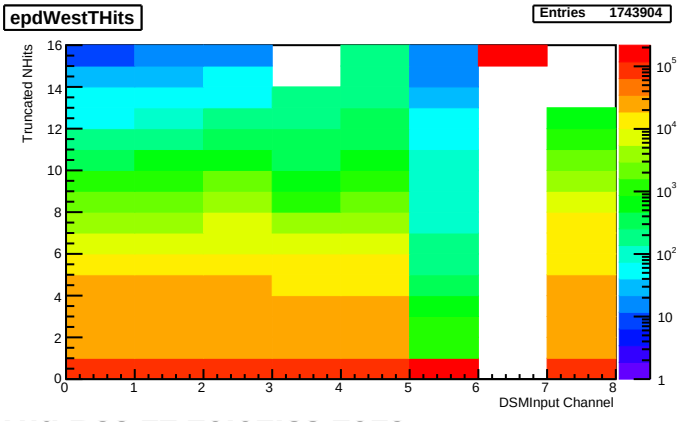
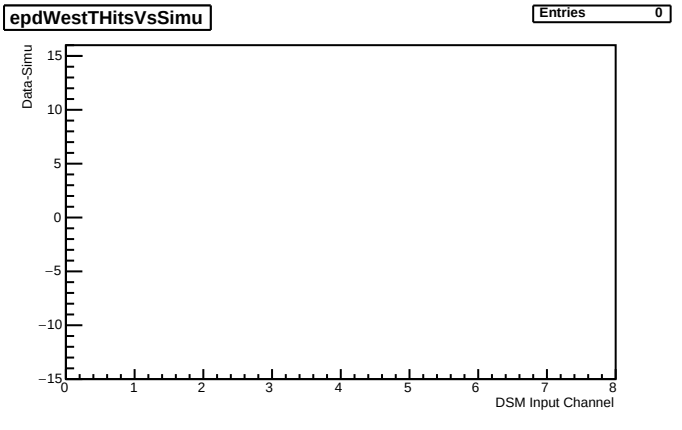
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1743904
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1743904
Truncated NHits
DSMInput Channel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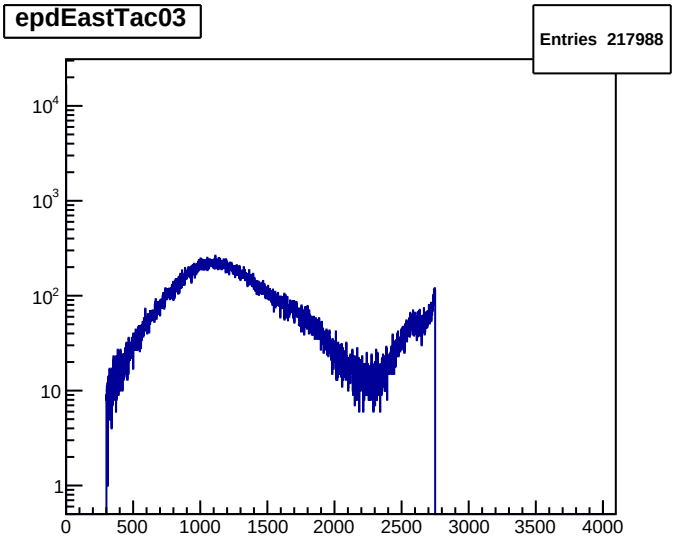
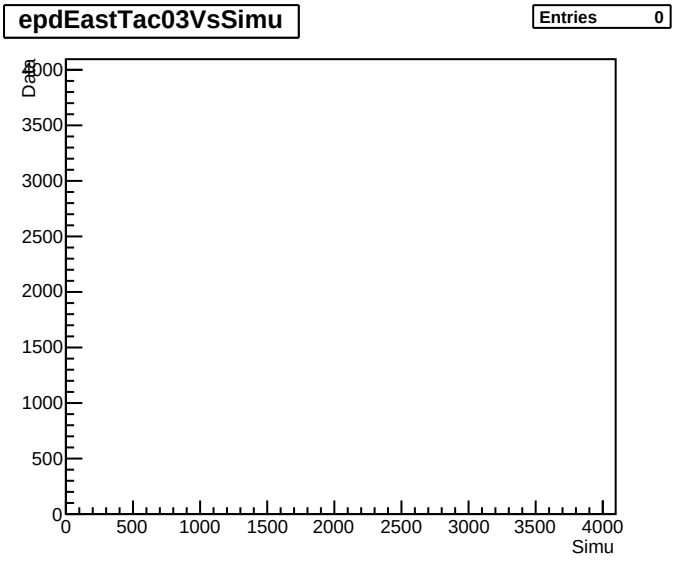
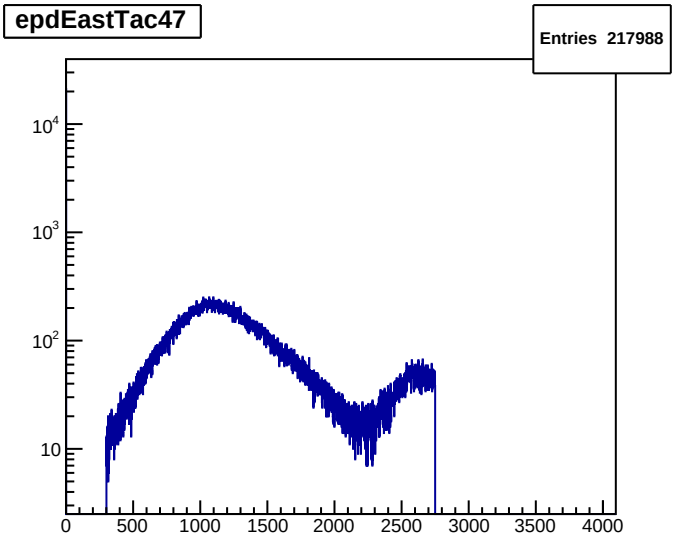
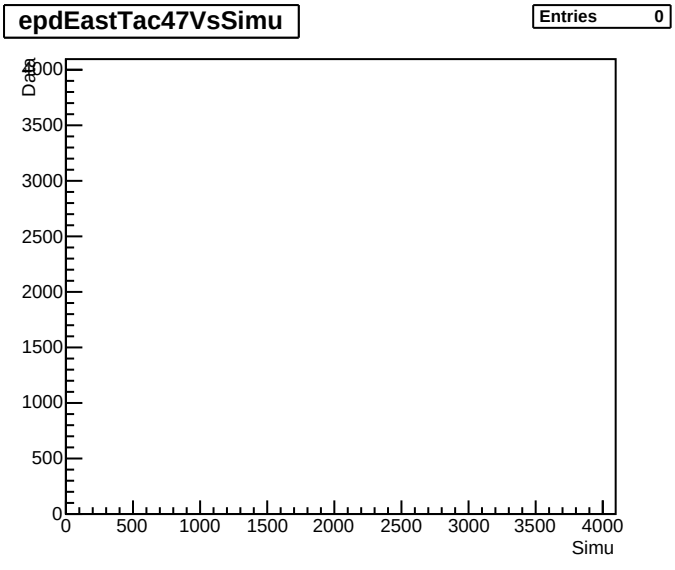
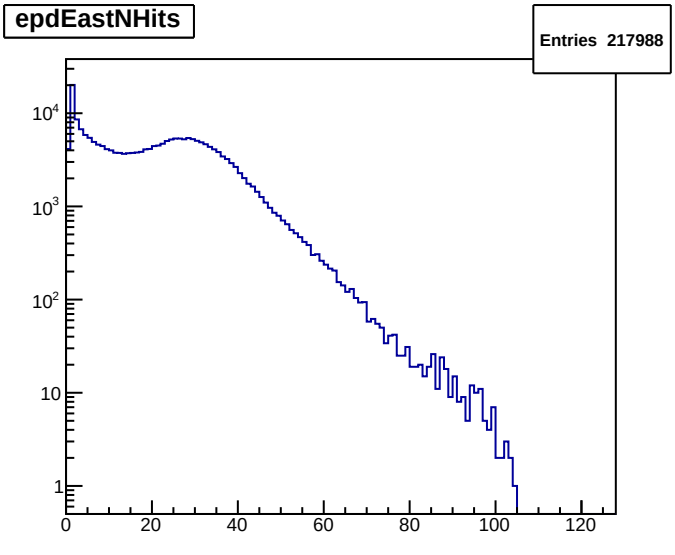
Entries 0
Data-Simu
DSM Input Channel

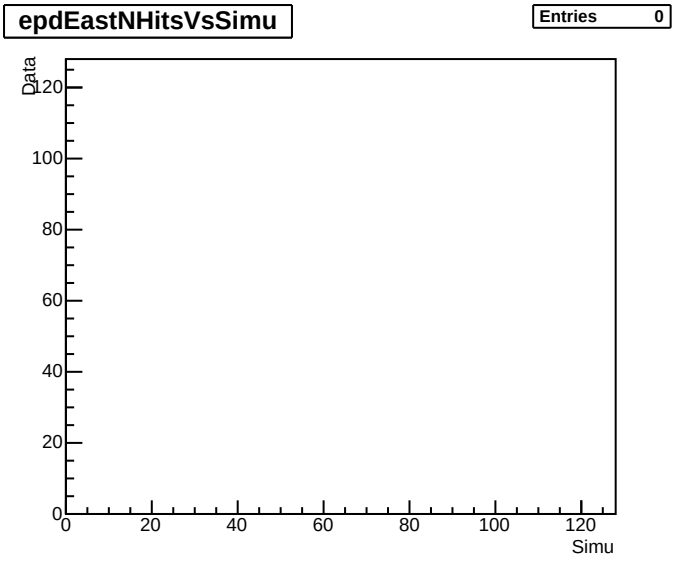

epdEastTac03
Entries 217988

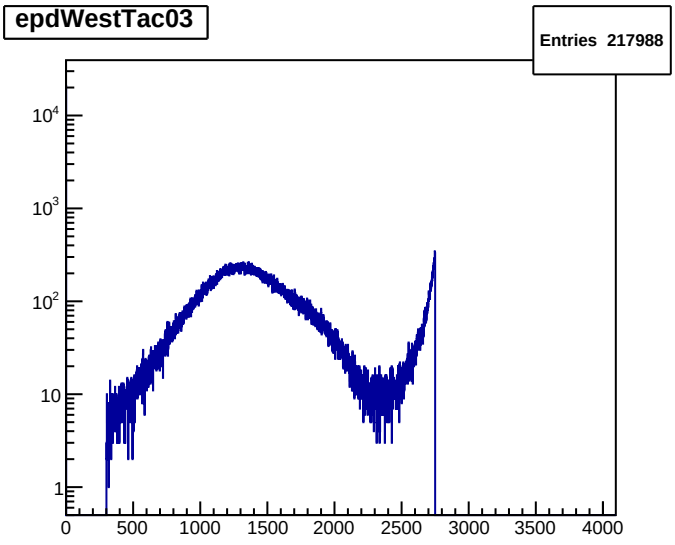

epdEastTac03VsSimu
Entries 0
Data
Simu

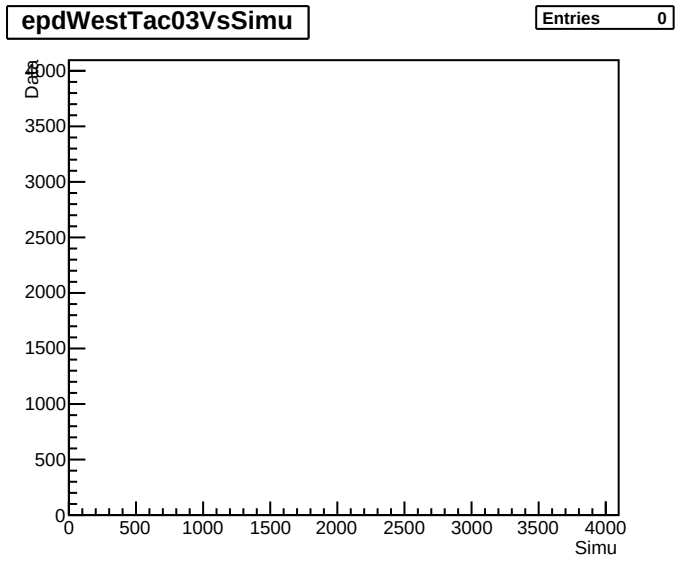

epdEastTac47
Entries 217988

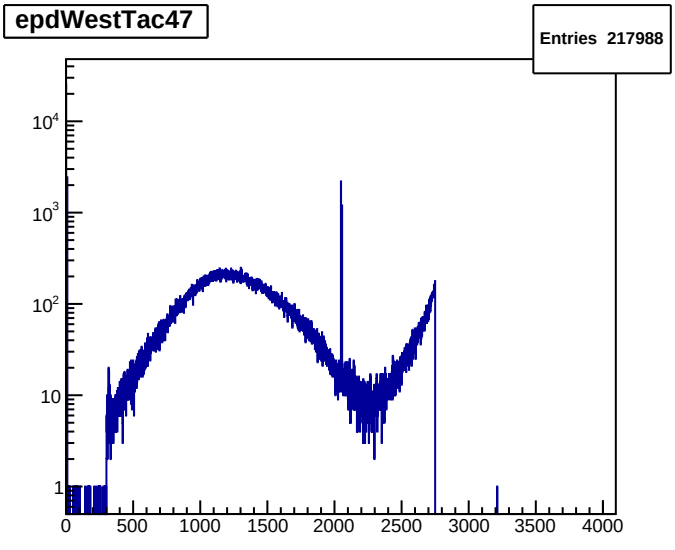

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 217988


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 217988


epdWestTac03VsSimu
Entries 0
Data
Simu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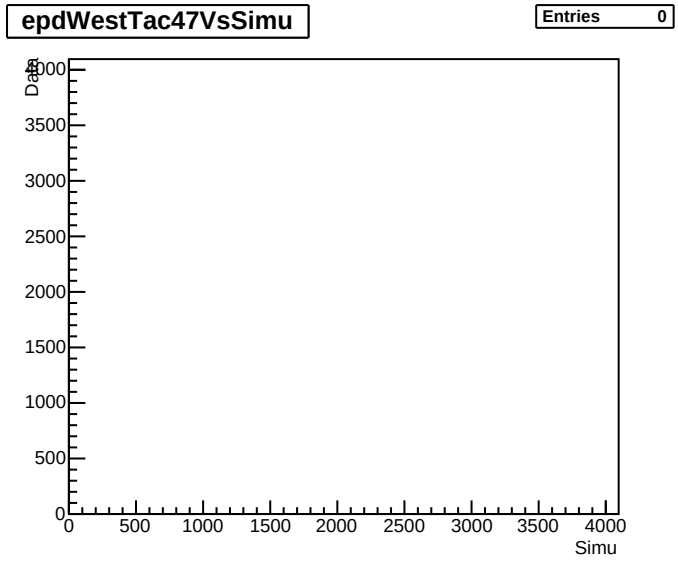
Entries 217988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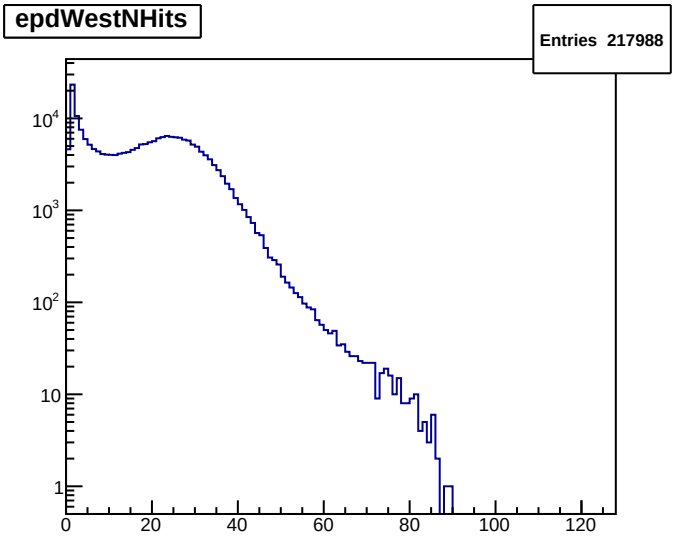
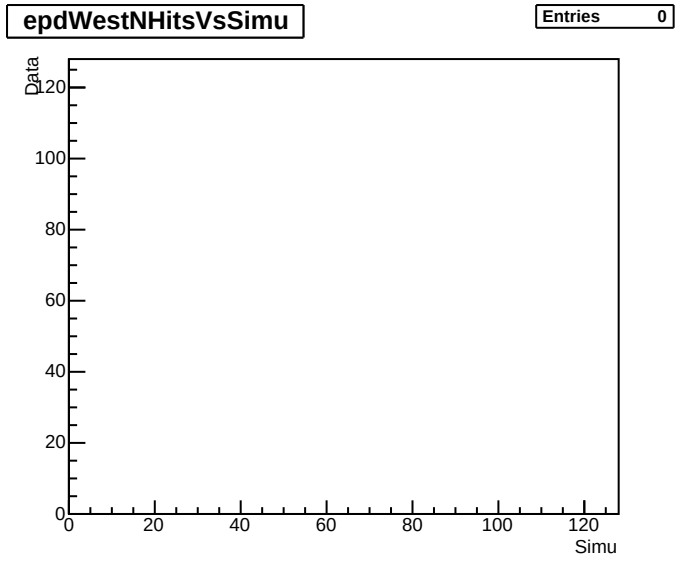
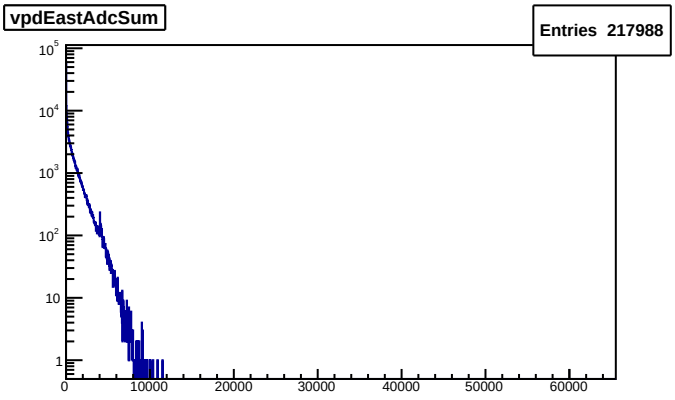
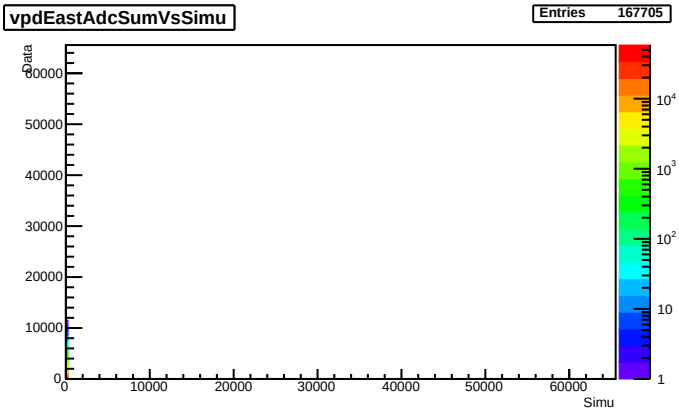
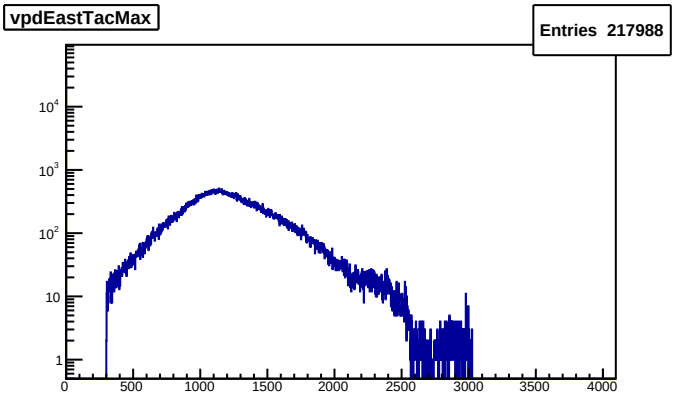
Entries 0
Data
Simu

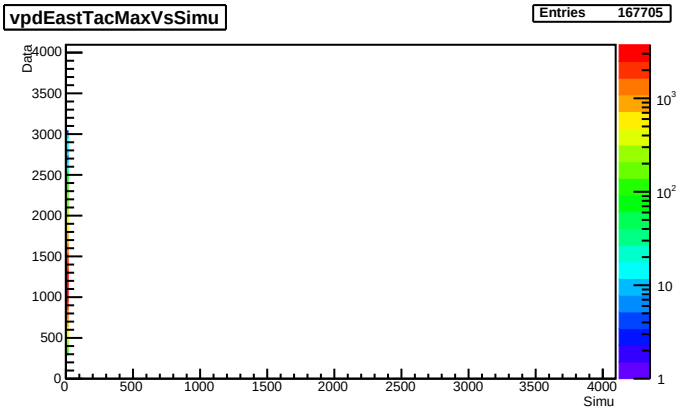

epdWestNHits
Entries 217988


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 217988


vpdEastAdcSumVsSimu
Entries 167705
Data
Simu


vpdEastTacMax
Entries 217988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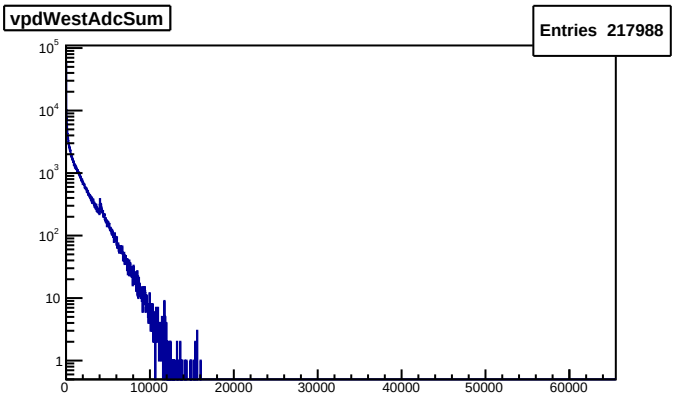
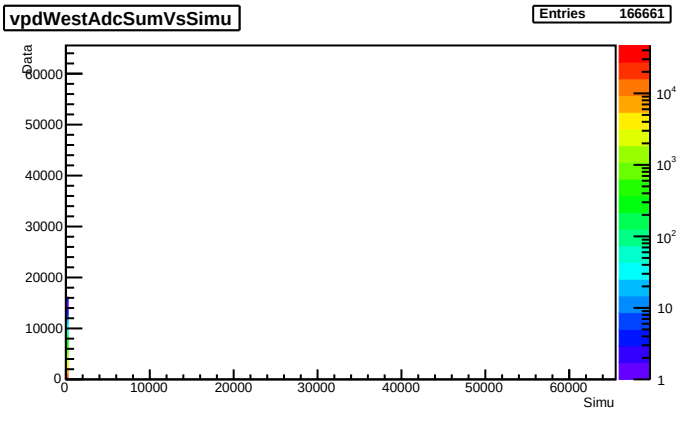
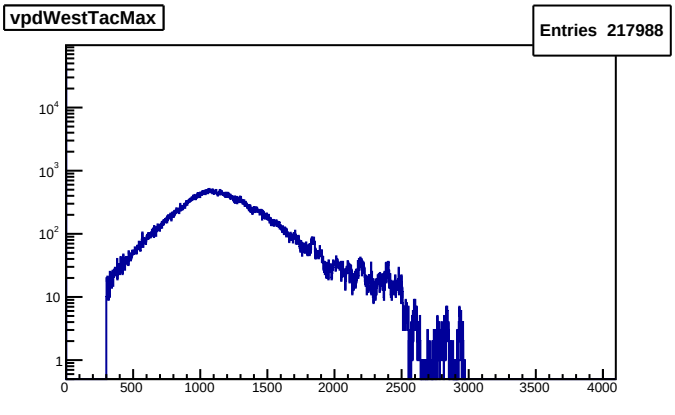
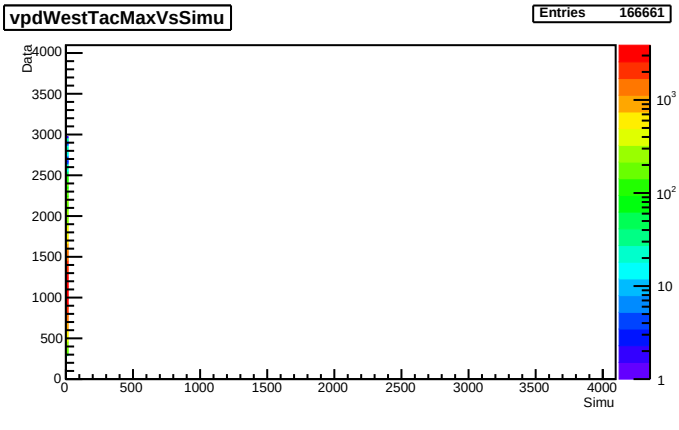
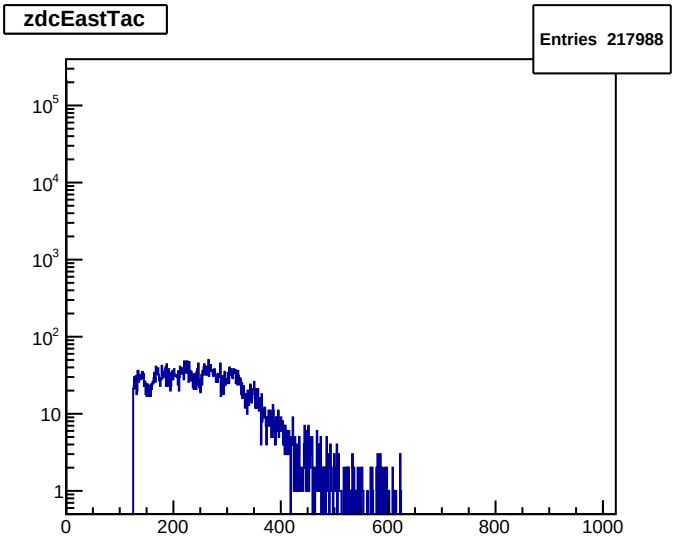
Entries 167705
Data
Simu

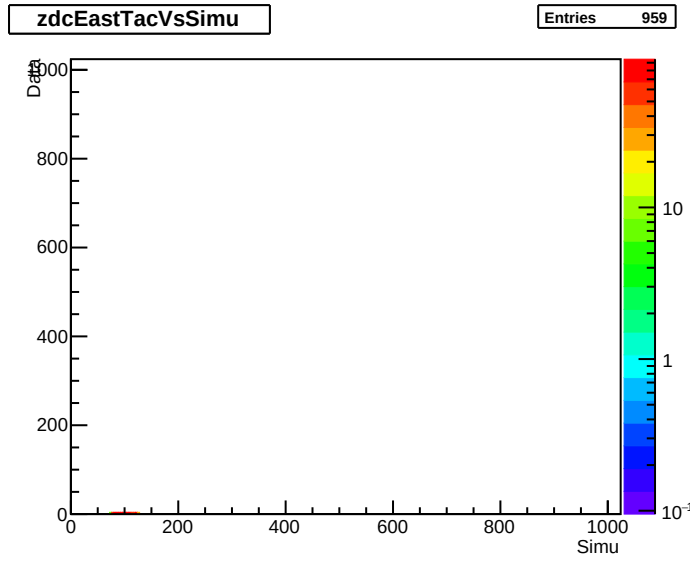

vpdWestAdcSum
Entries 217988

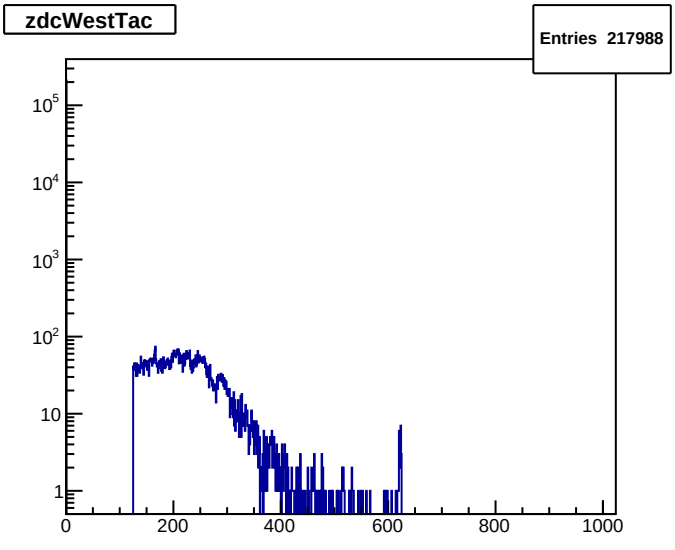

vpdWestAdcSumVsSimu
Entries 166661
Data
Simu

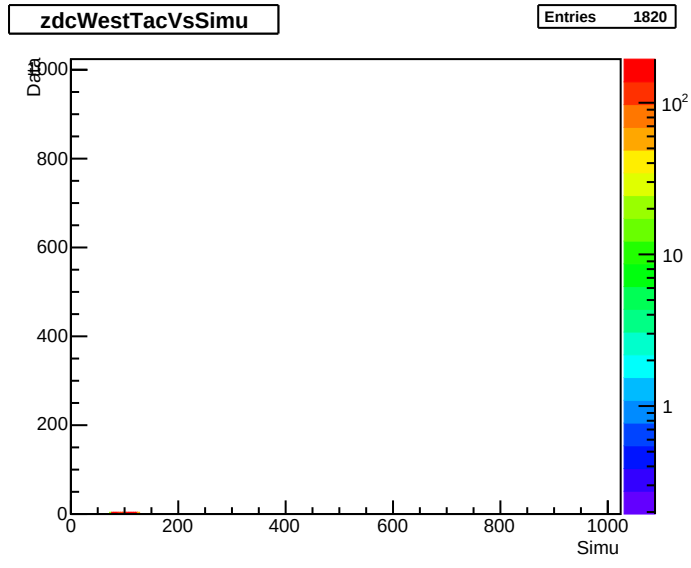

vpdWestTacMax
Entries 217988

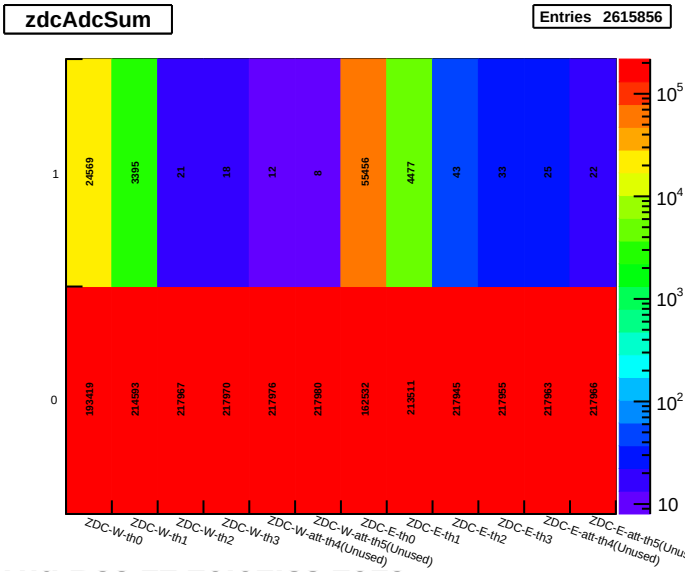

vpdWestTacMaxVsSimu
Entries 166661
Data
Simu

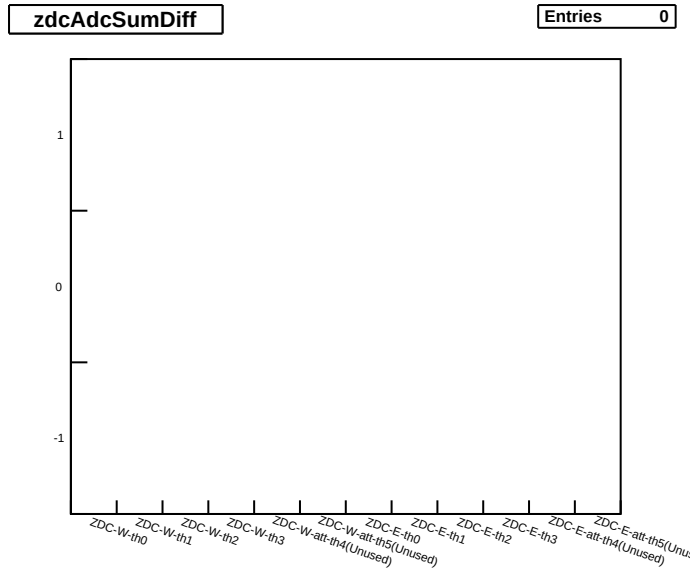

zdcEastTac
Entries 217988

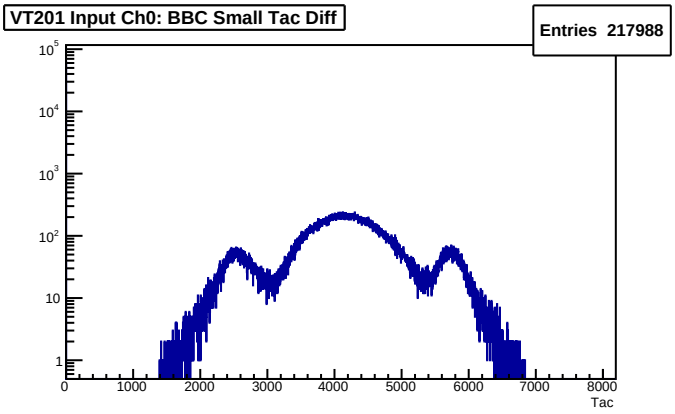

zdcEastTacVsSimu
Entries 959
Data
Simu

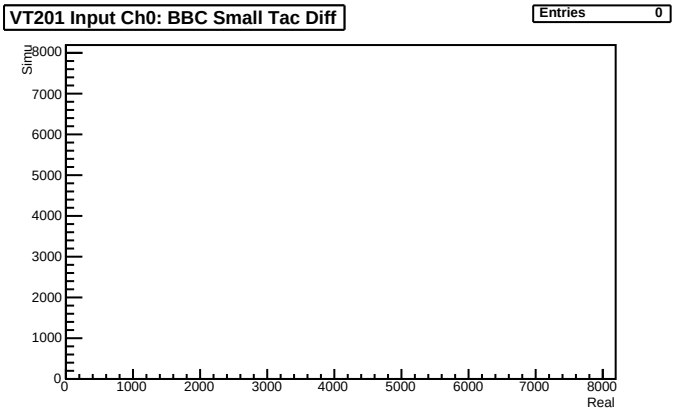

zdcWestTac
Entries 217988

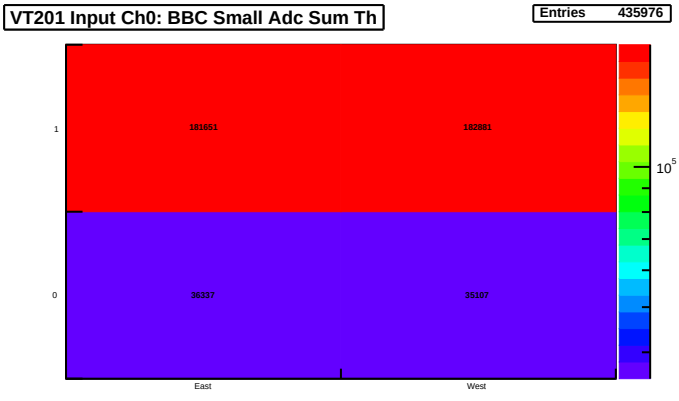

zdcWestTacVsSimu
Entries 1820
Data
Simu

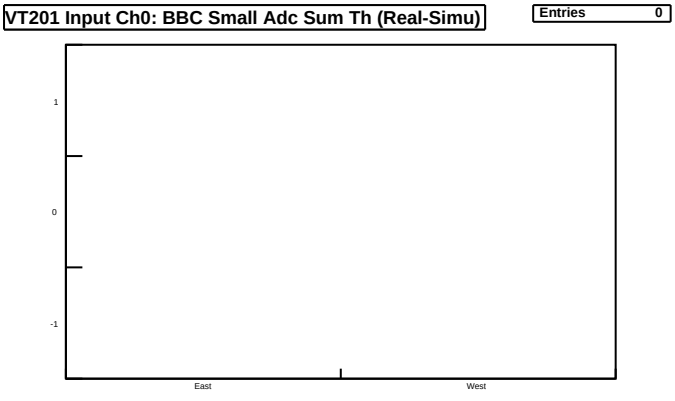

zdcAdcSum
Entries 2615856
24669
3395
21
18
12
8
55456
4477
43
33
25
22
193419
214593
217967
217970
217976
217980
162532
213511
217945
217955
217963
217966
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

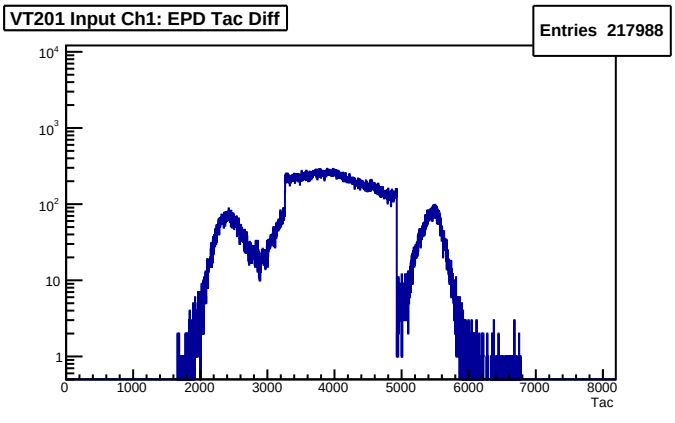

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

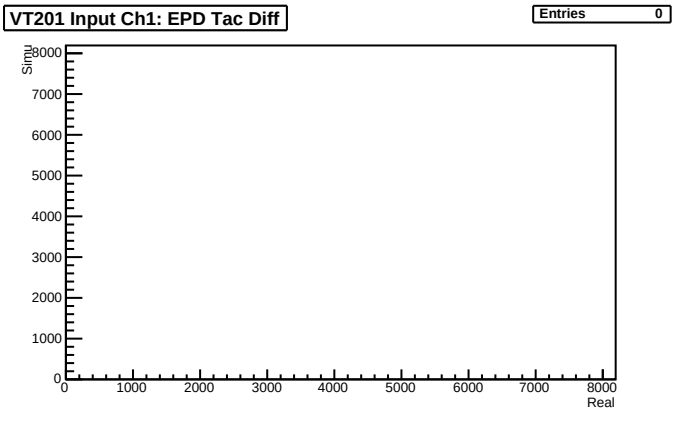

VT201 Input Ch0: BBC Small Tac Diff
Entries 217988
Tac

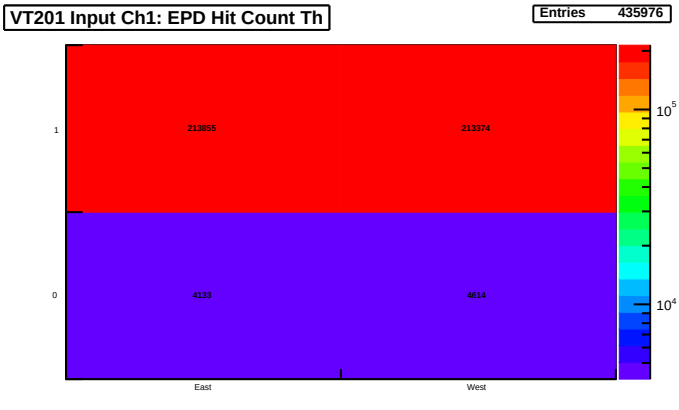

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

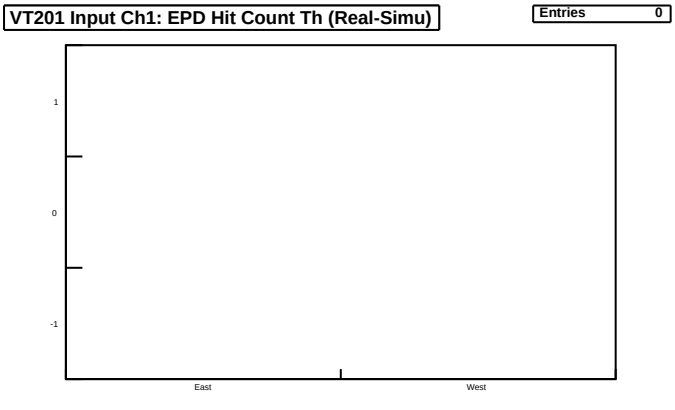

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 435976
181651
182881
36337
35107
East
West

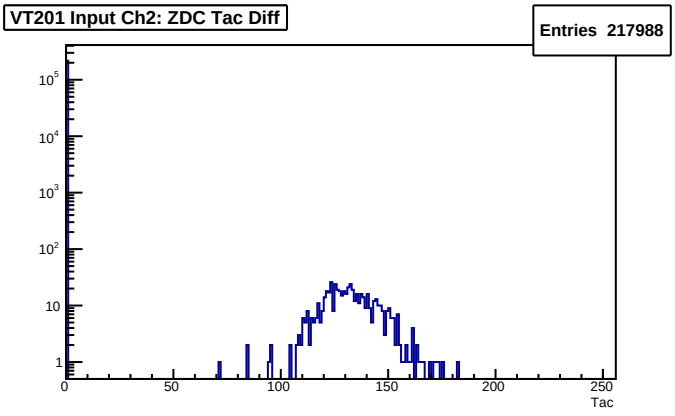

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

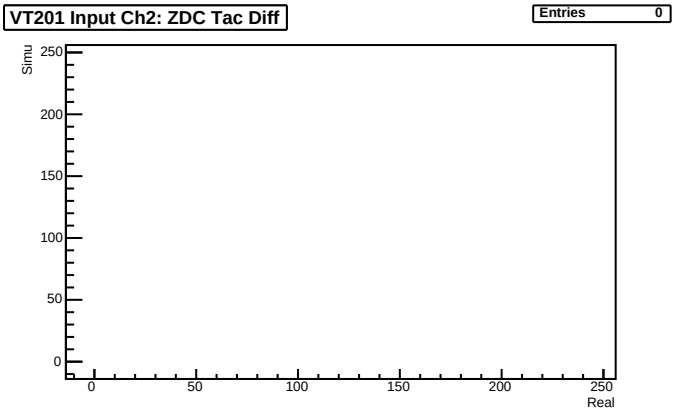

VT201 Input Ch1: EPD Tac Diff
Entries 217988
Tac

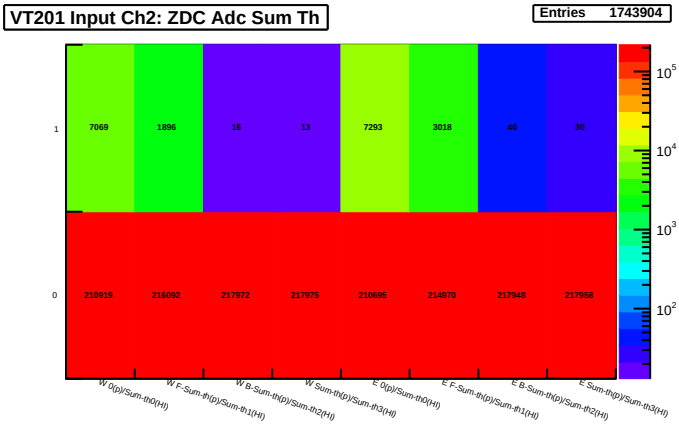

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

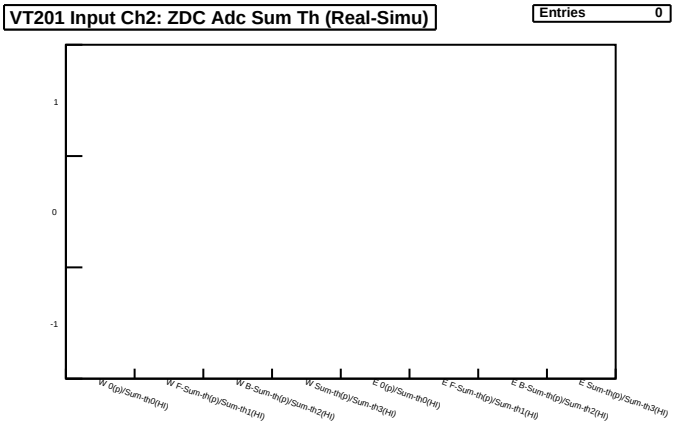

VT201 Input Ch1: EPD Hit Count Th
Entries 435976
213855
213374
4133
4614
East
West

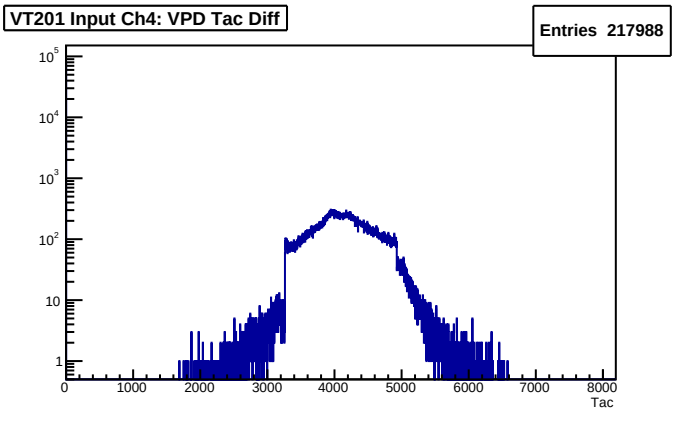

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

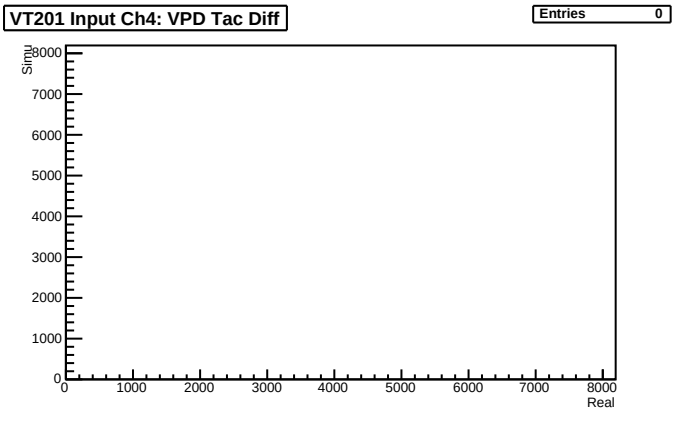

VT201 Input Ch2: ZDC Tac Diff
Entries 217988
Tac

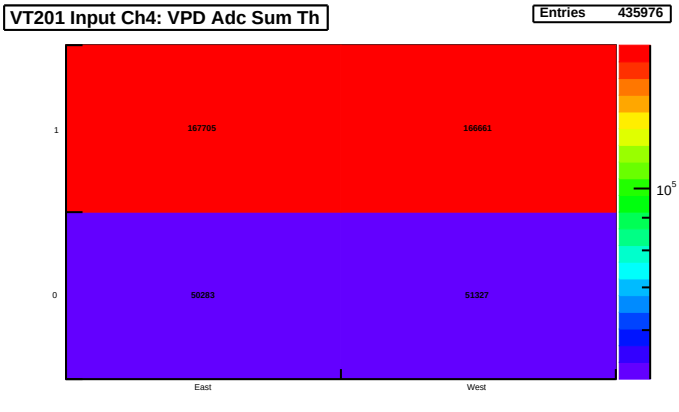

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

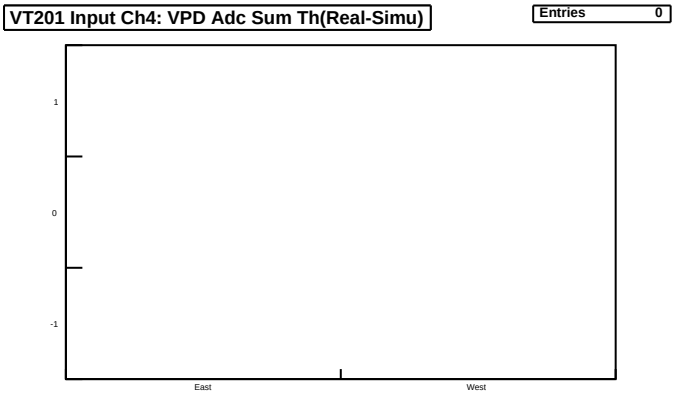

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1743904
7069
1896
16
13
7293
3018
40
30
210919
216092
217972
217975
210695
214970
217948
217958
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

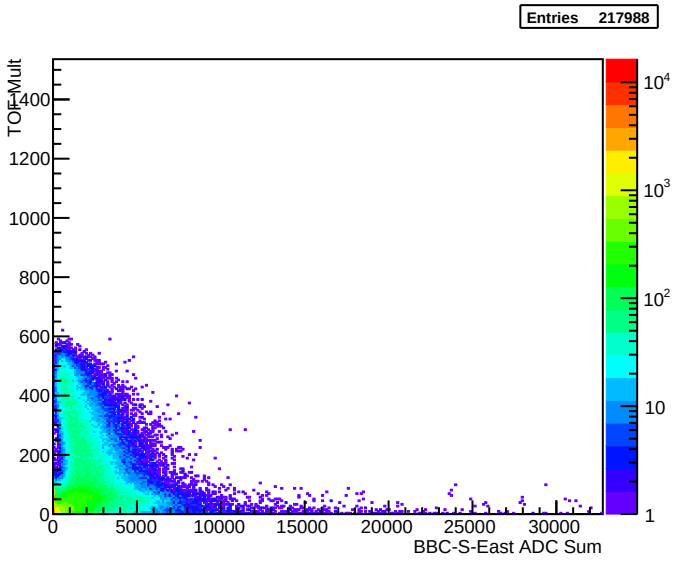

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

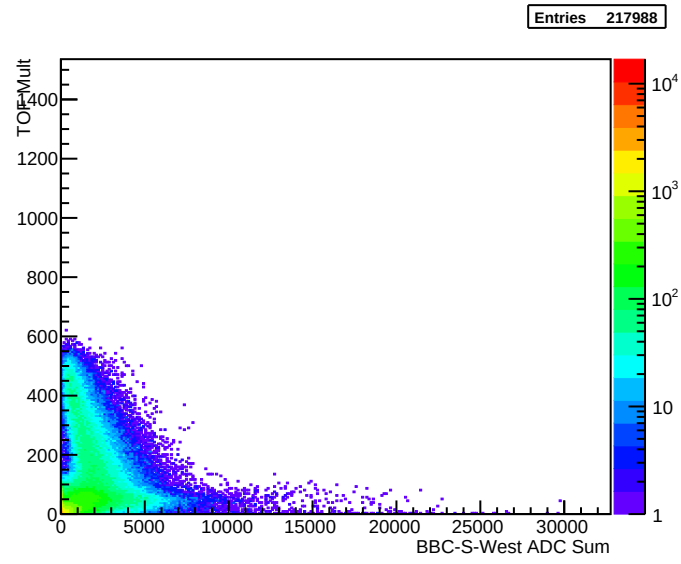

VT201 Input Ch4: VPD Tac Diff
Entries 217988
Tac

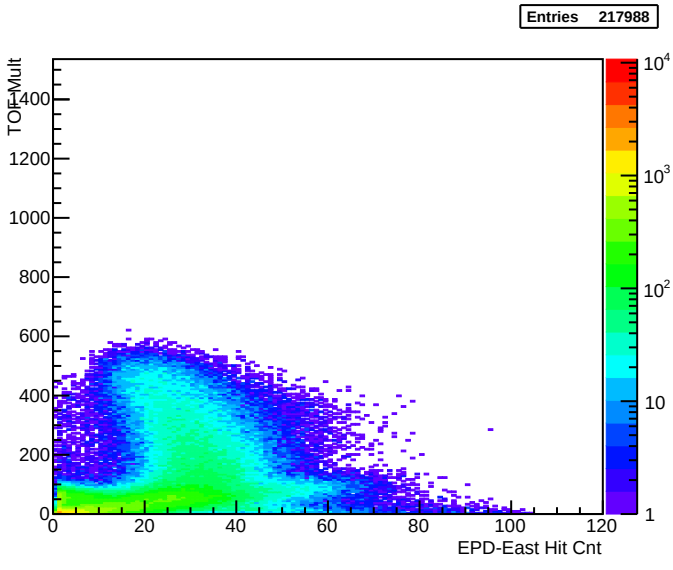

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

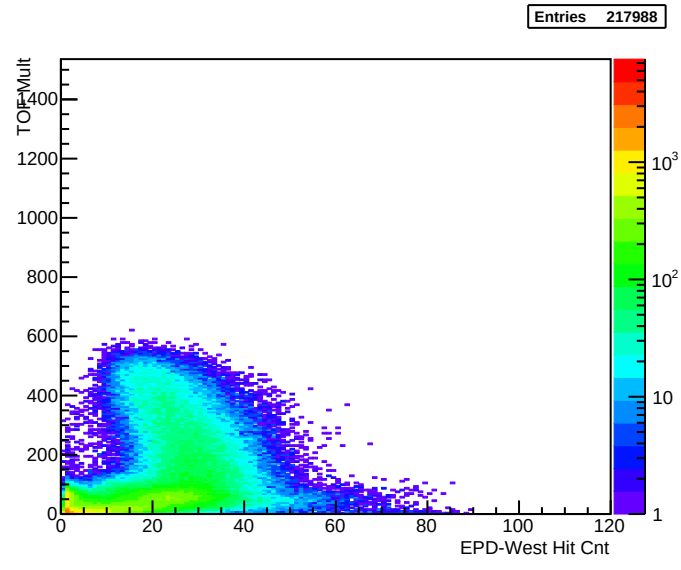

VT201 Input Ch4: VPD Adc Sum Th
Entries 435976
167705
166661
50283
51327
East
West

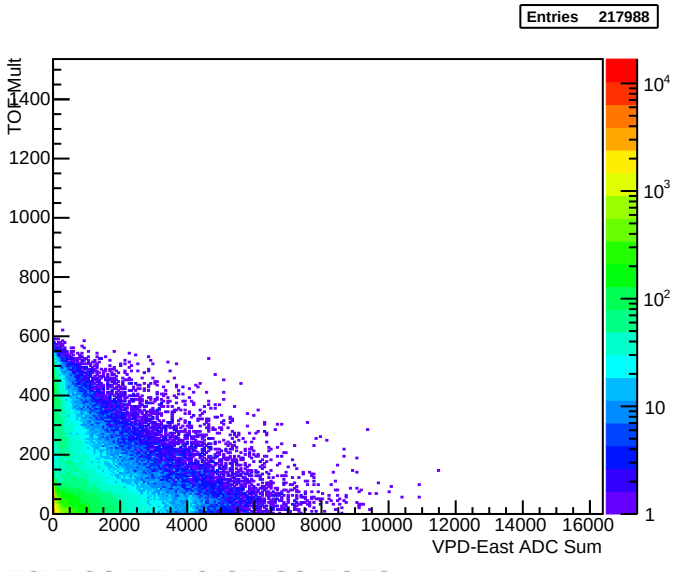

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

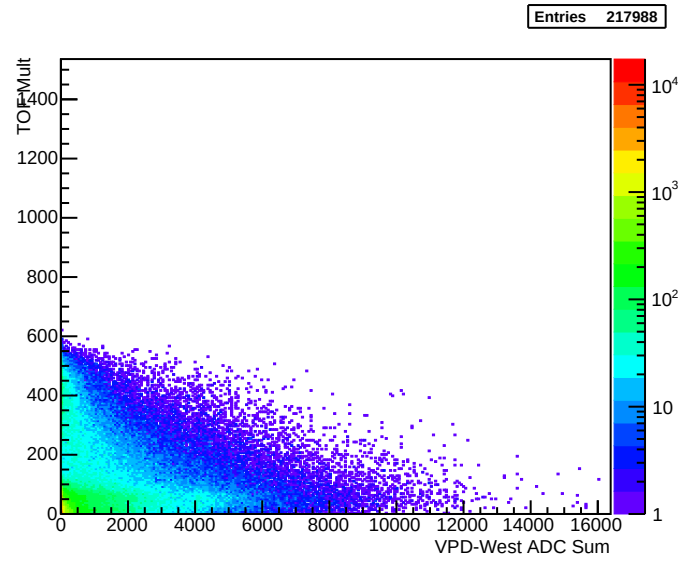

Entries 217988
TOF-Mult
BBC-S-East ADC Sum

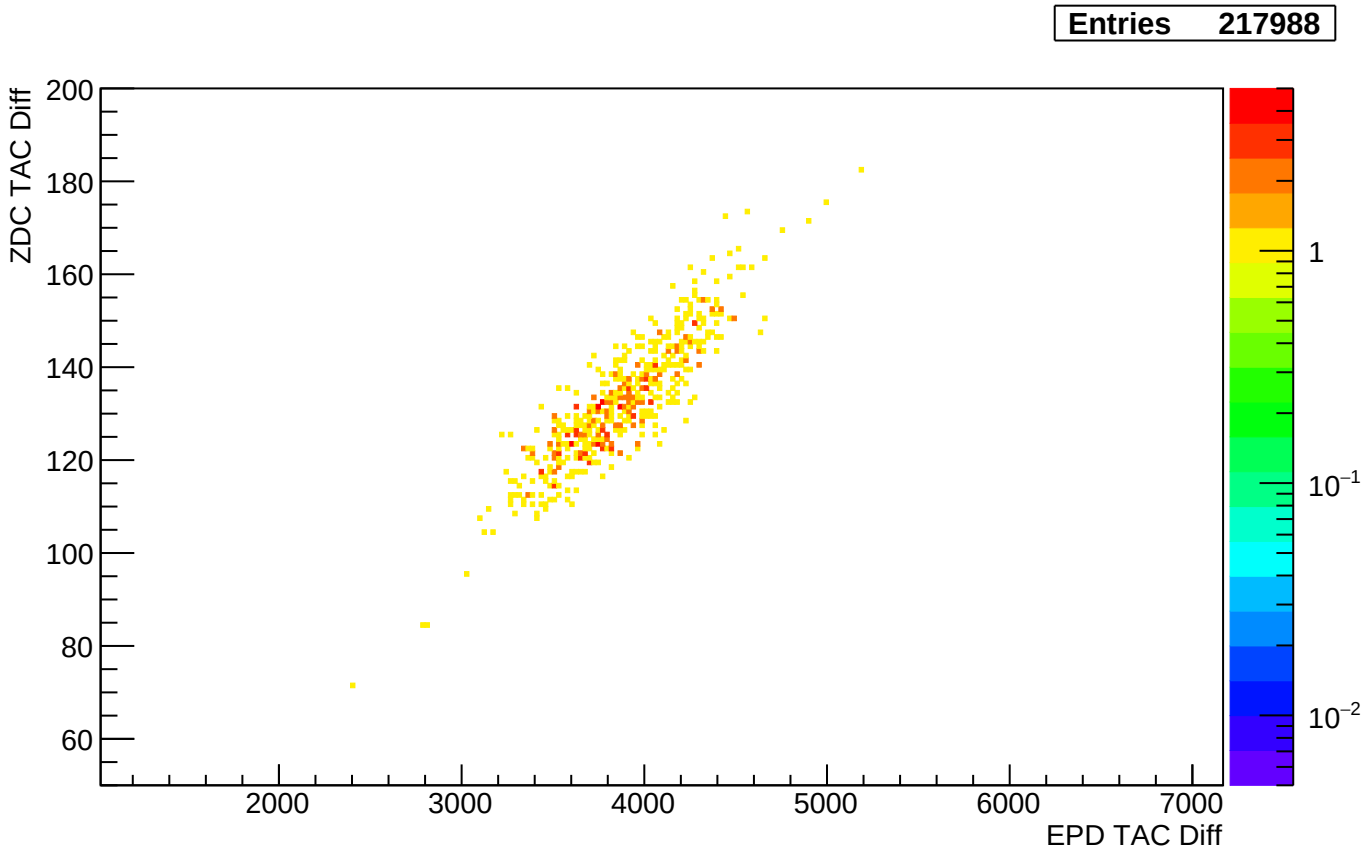

Entries 217988
TOF-Mult
BBC-S-West ADC Sum

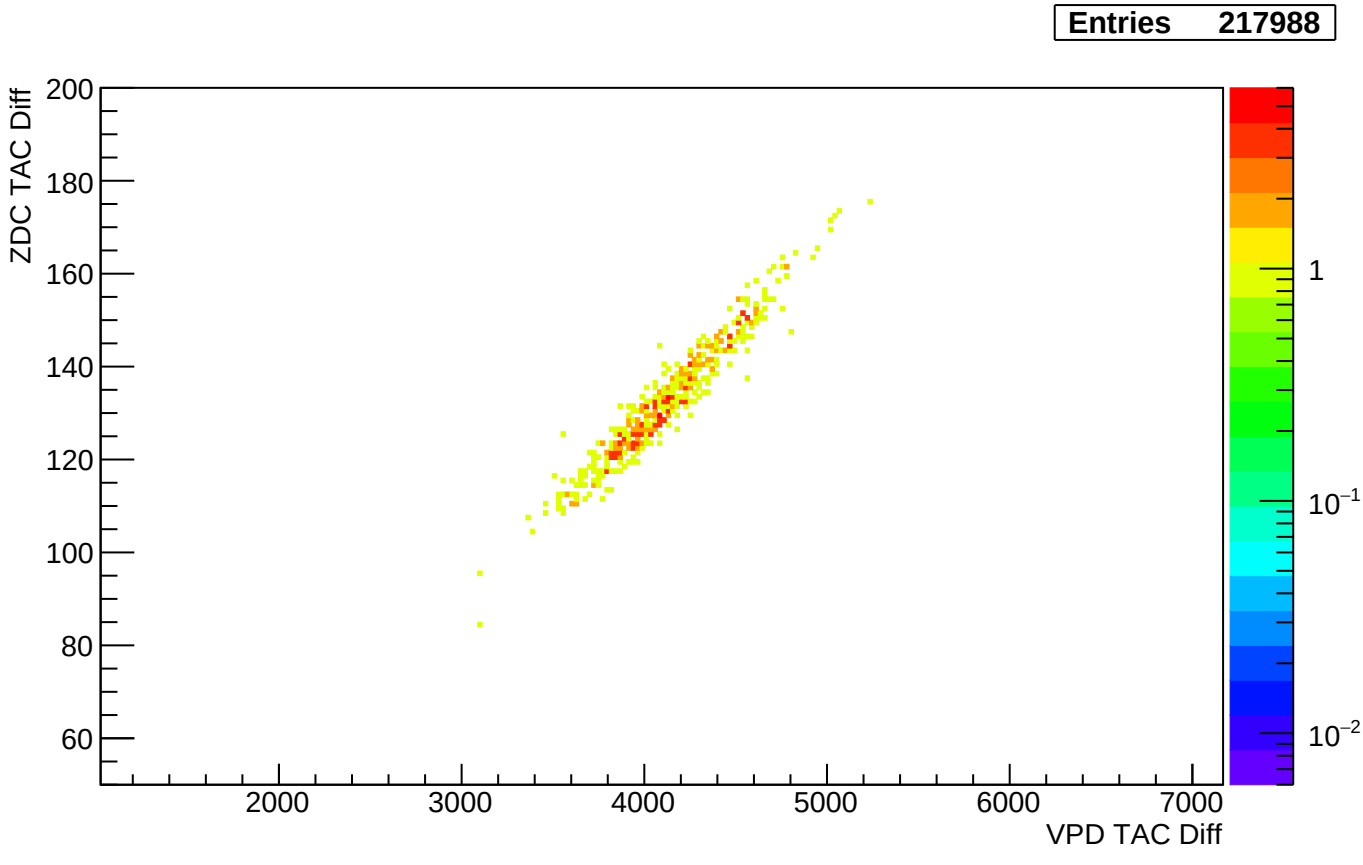

Entries 217988
TOF-Mult
EPD-East Hit Cnt

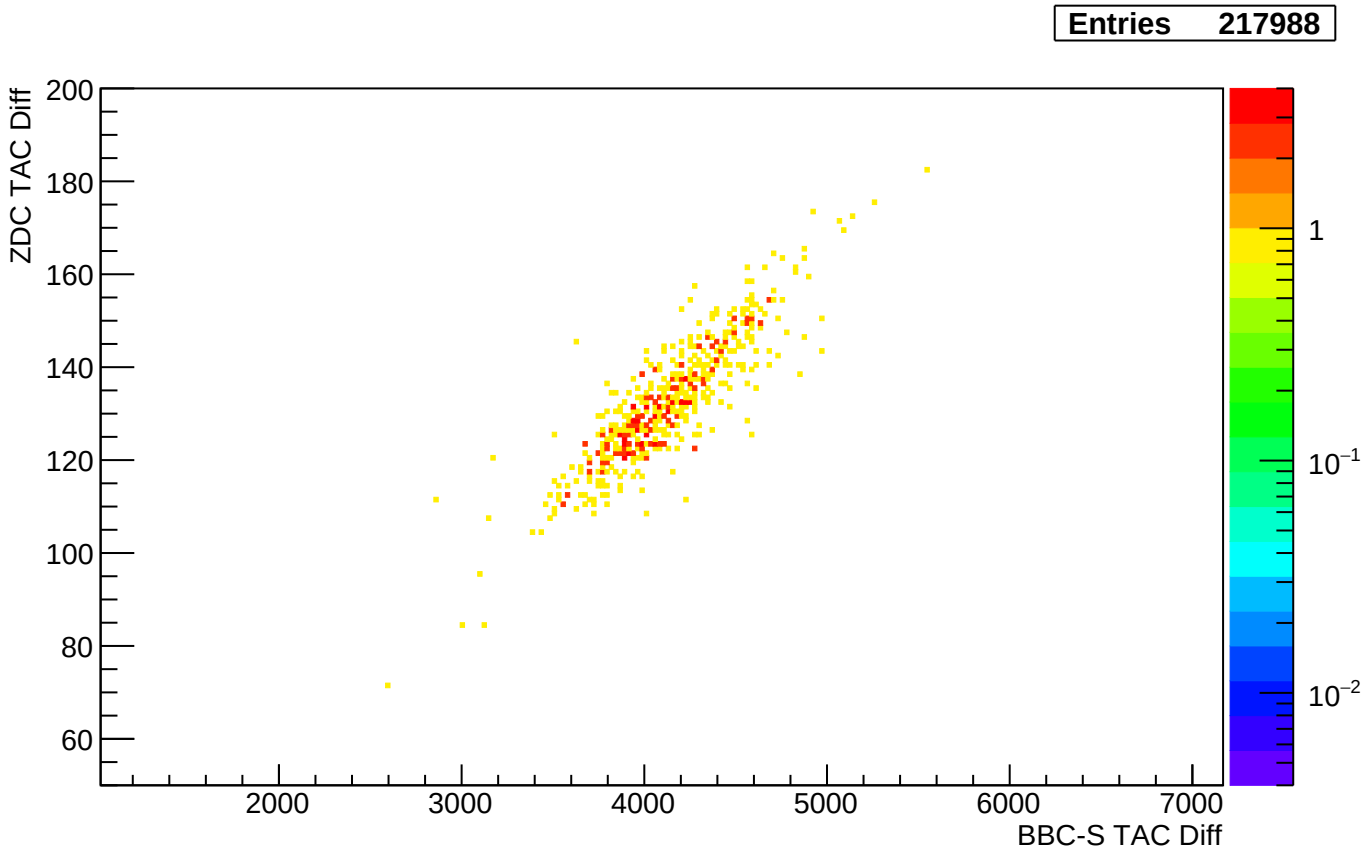

Entries 217988
TOF-Mult
EPD-West Hit Cnt

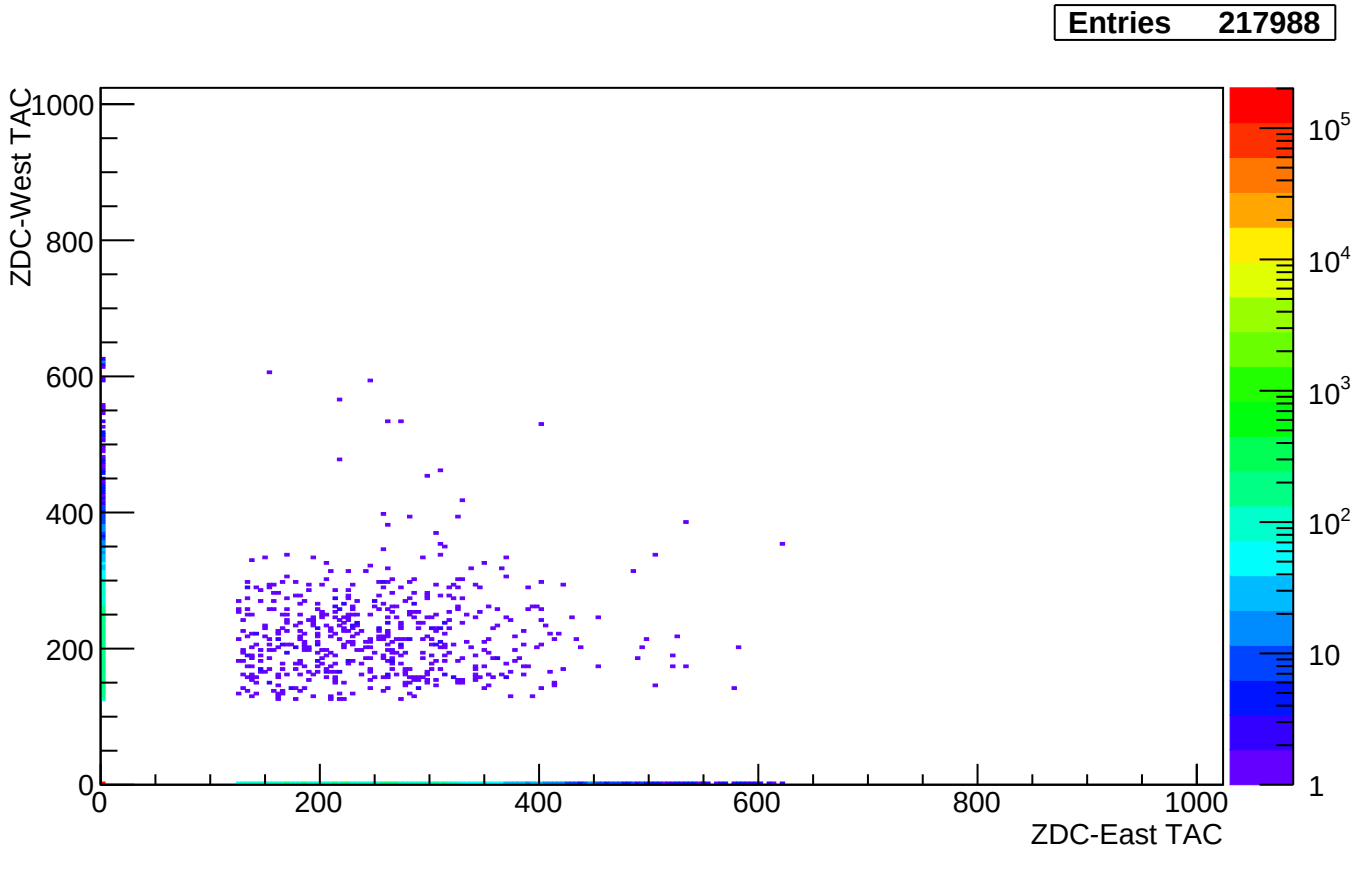

Entries 217988
TOF-Mult
VPD-East ADC Sum

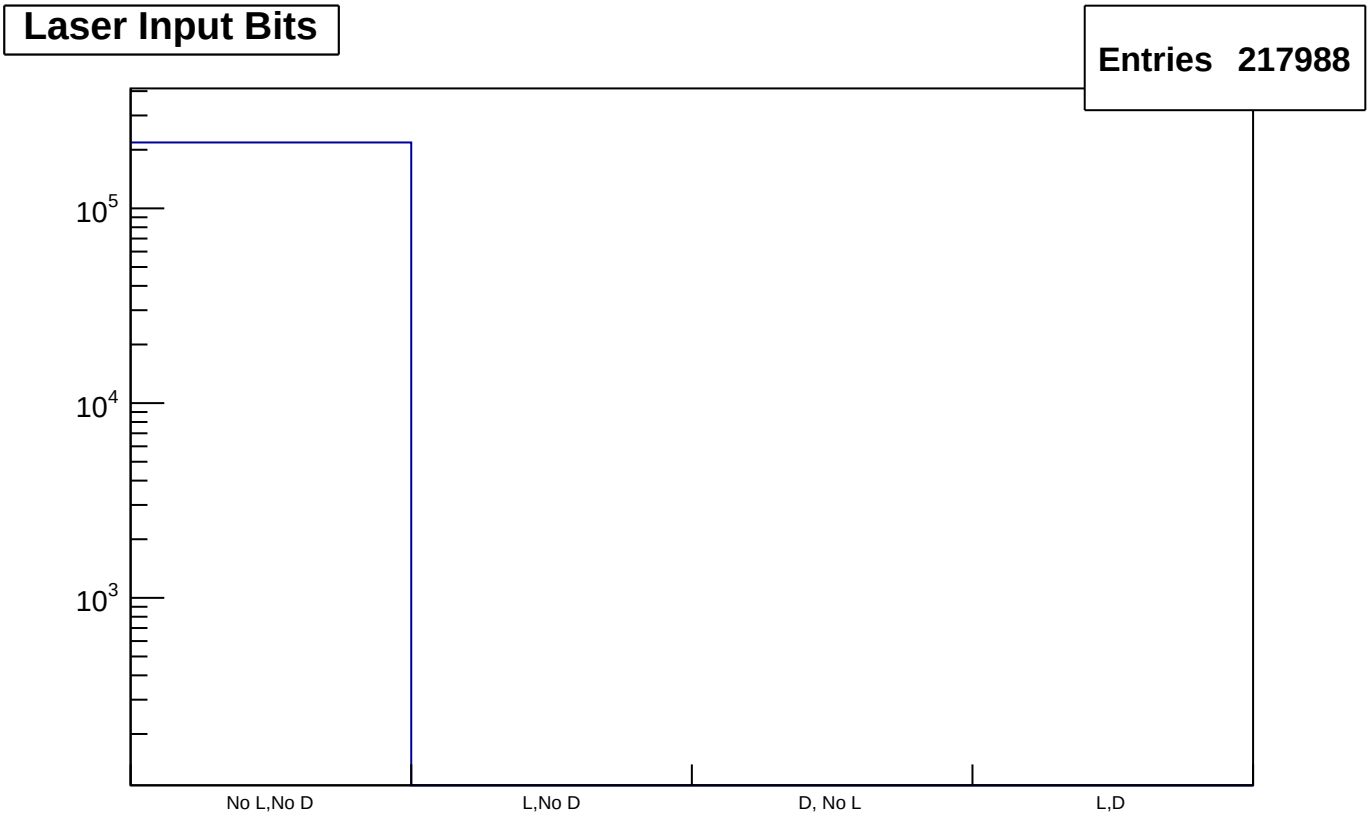

Entries 217988
TOF-Mult
VPD-West ADC Sum

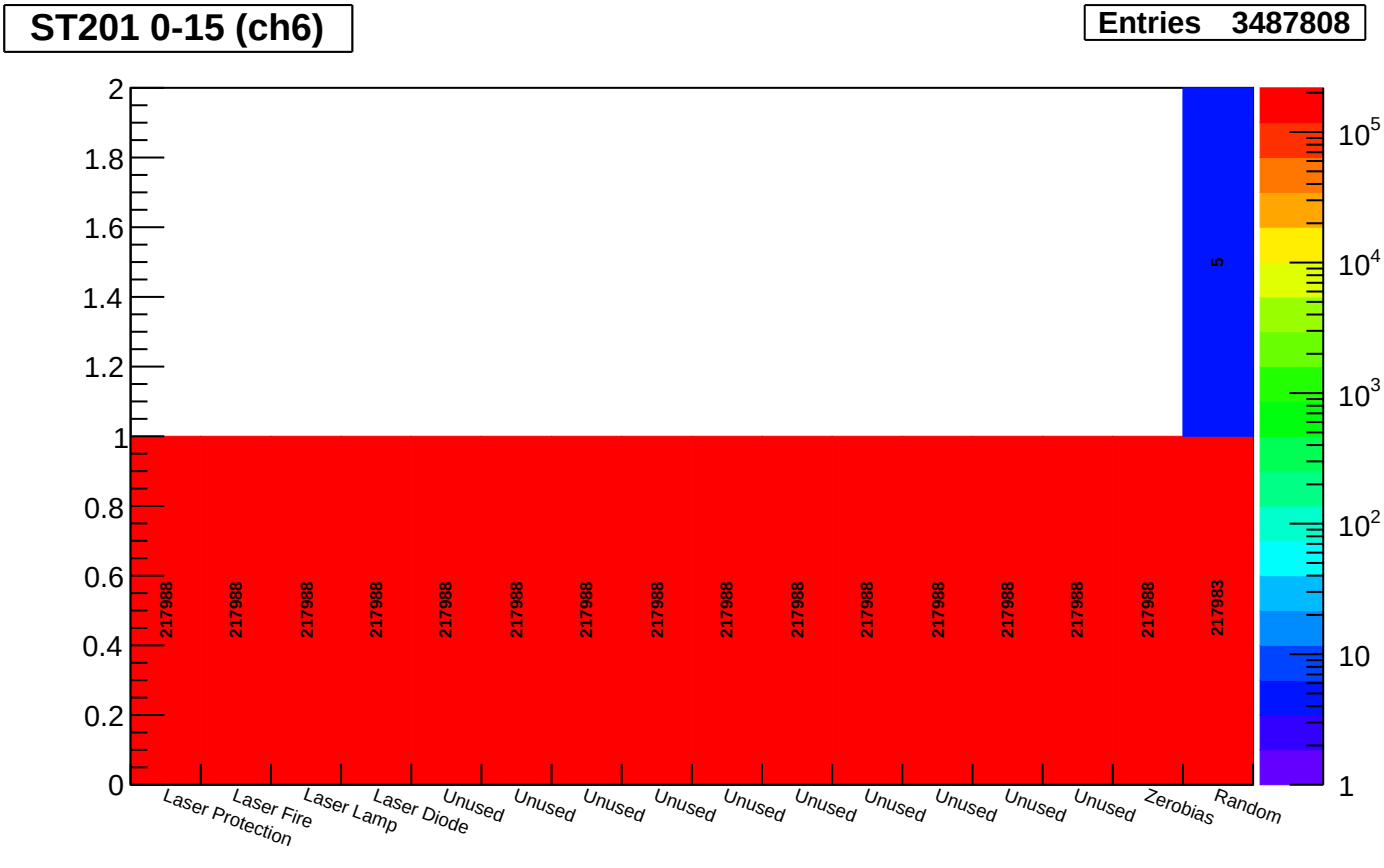

Entries 217988
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

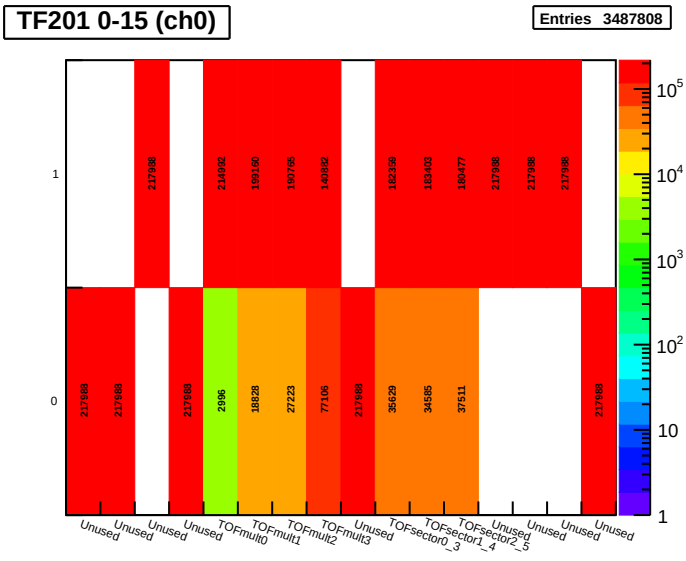

Entries 217988
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

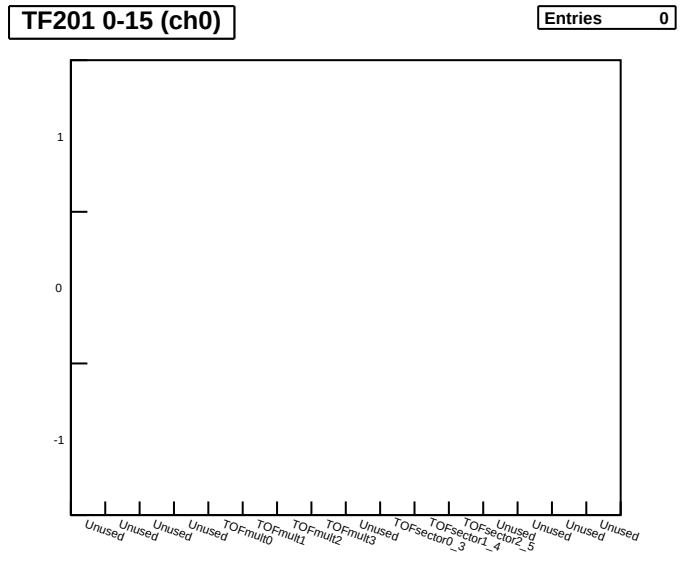

Entries 217988
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

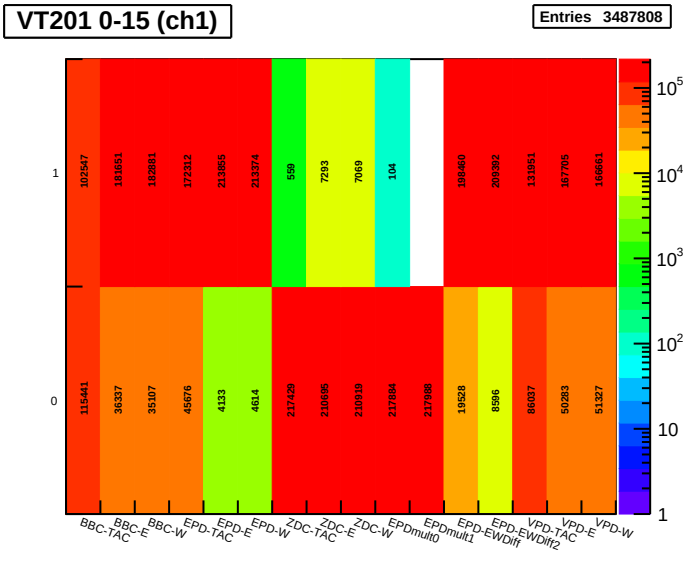

Entries 217988
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

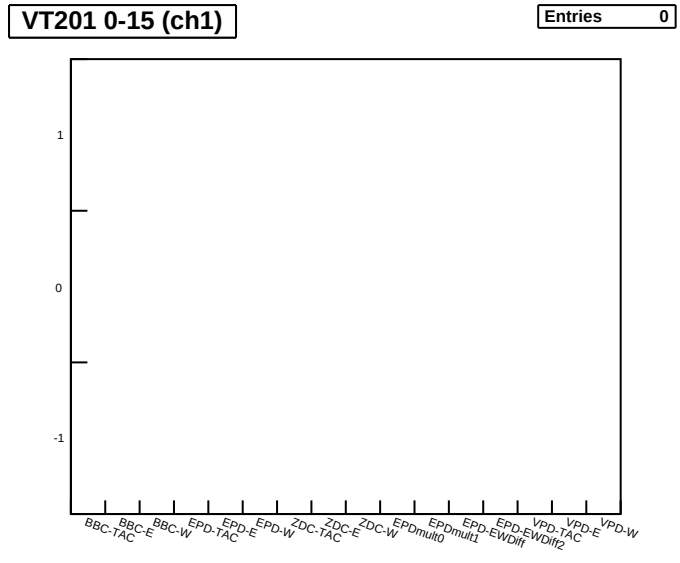

Laser Input Bits
Entries 217988
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

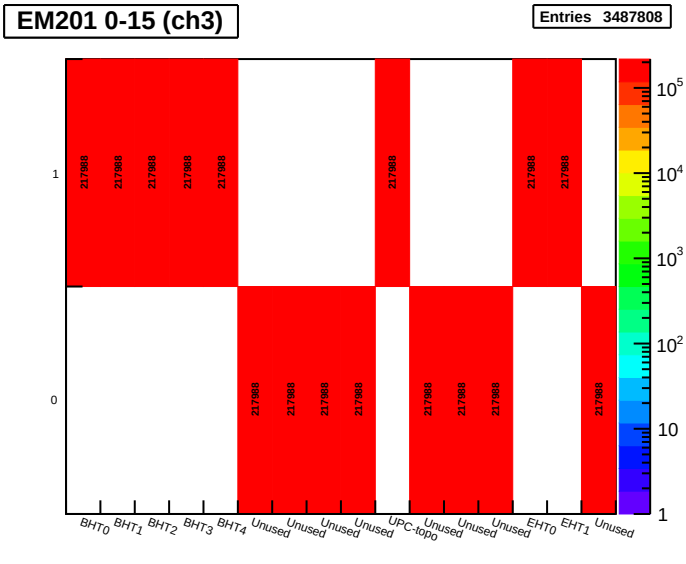

ST201 0-15 (ch6)
Entries 3487808
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217983
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

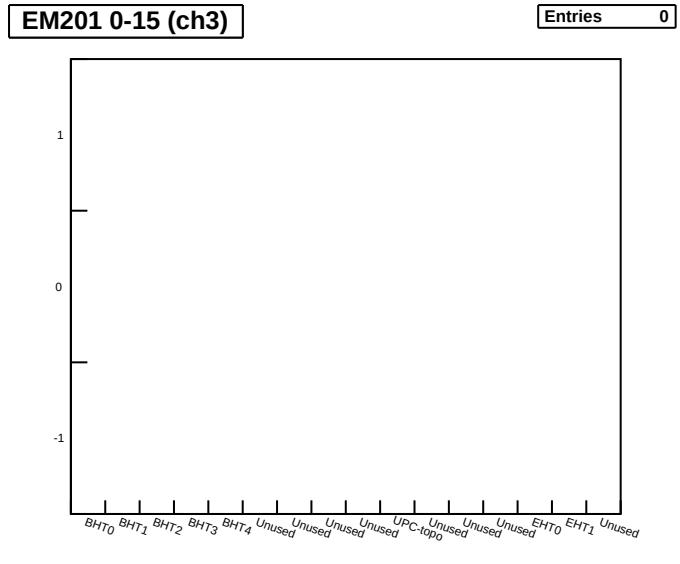

TF201 0-15 (ch0)
Entries 3487808
1
0
217988
214992
199160
190765
140682
182359
183403
180477
217988
217988
217988
217988
217988
217988
2996
18828
27223
77106
217988
35629
34585
37511
217988
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 3487808
1
0
102547
181651
182881
172312
213855
213374
559
7293
7069
104
198460
206392
131951
167705
166661
115441
36337
35107
45676
4133
4614
217429
210695
210919
217884
217988
19528
8596
86037
50283
51327
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 3487808
1
0
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
217988
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