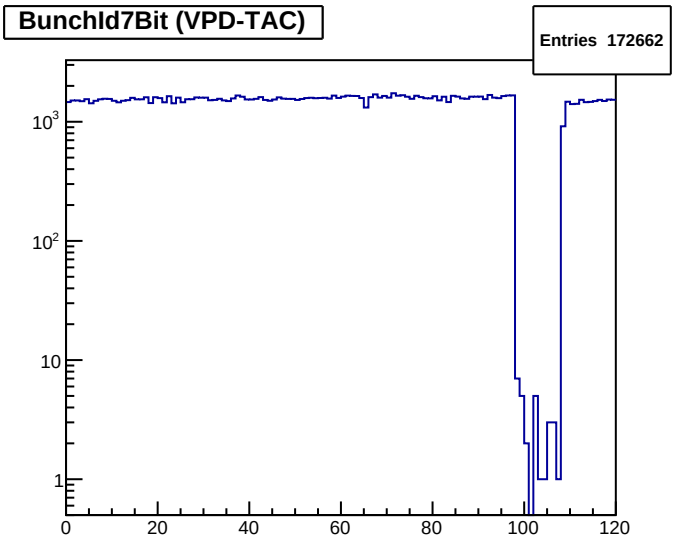
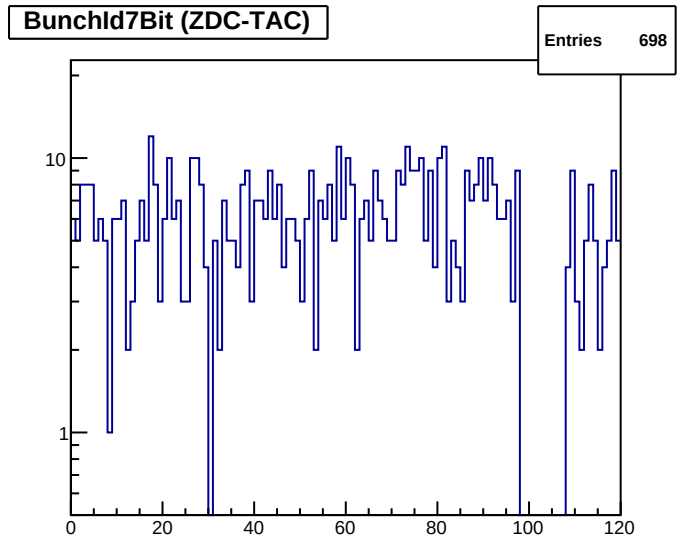
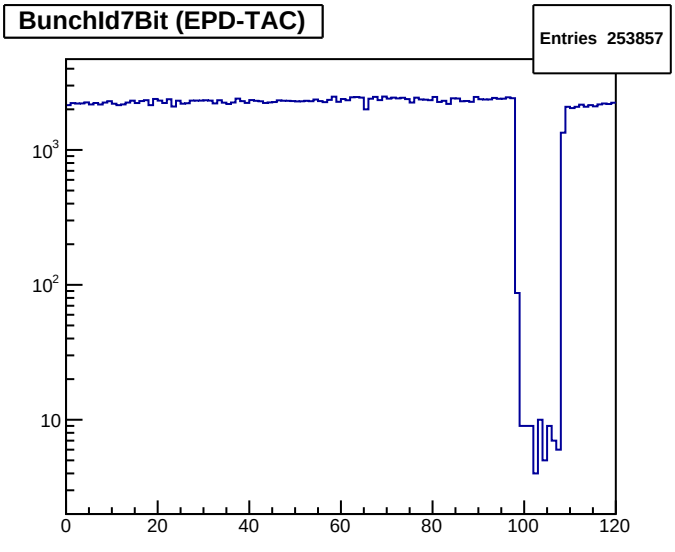
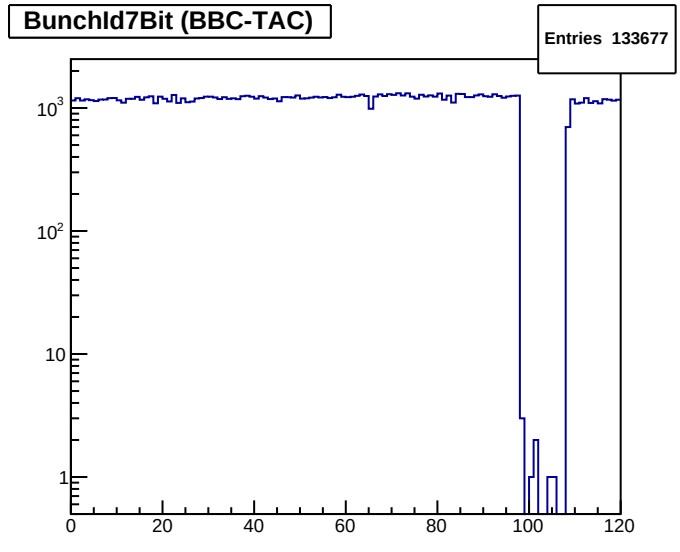
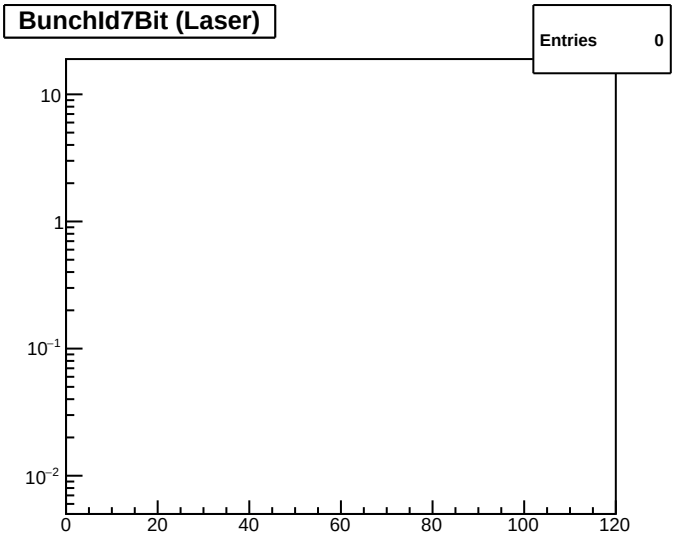
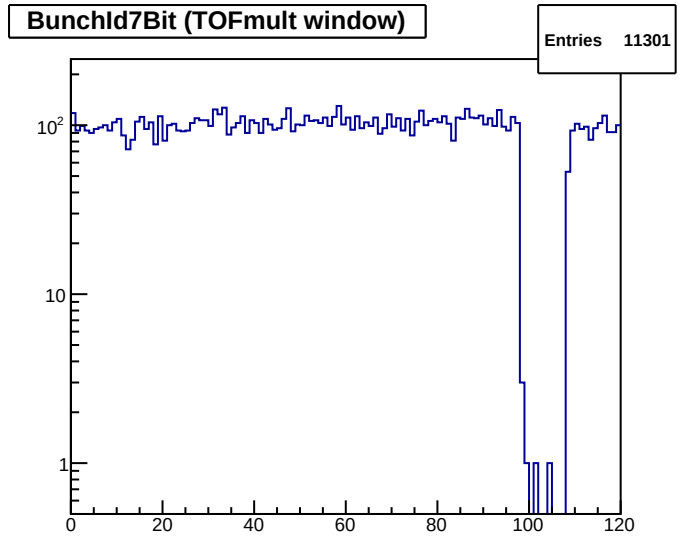

BunchId7Bit (VPD-TAC)
Entries 172662

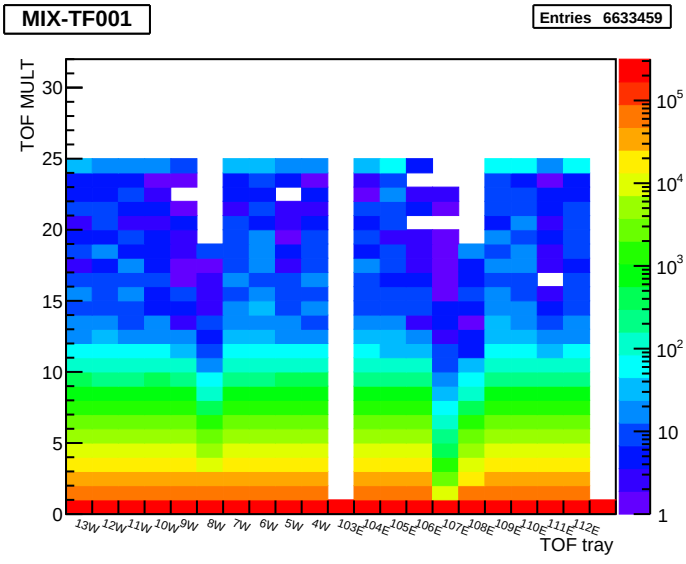

BunchId7Bit (ZDC-TAC)
Entries 698

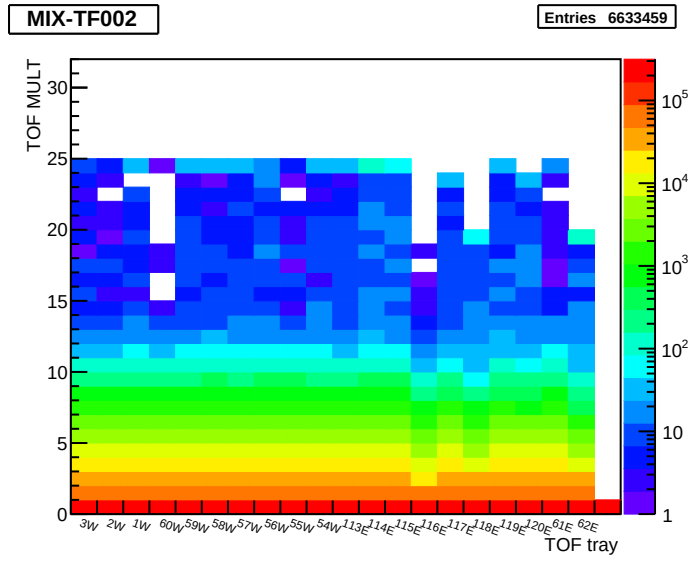

BunchId7Bit (EPD-TAC)
Entries 253857

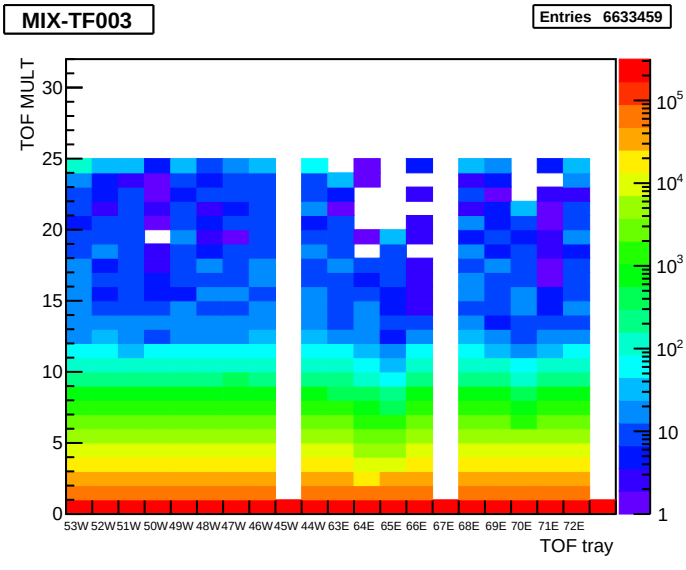

BunchId7Bit (BBC-TAC)
Entries 133677

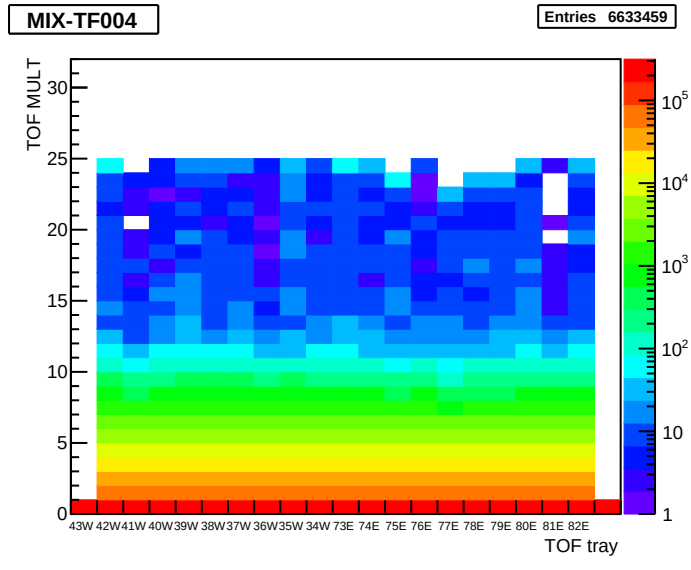

BunchId7Bit (Laser)
Entries 0

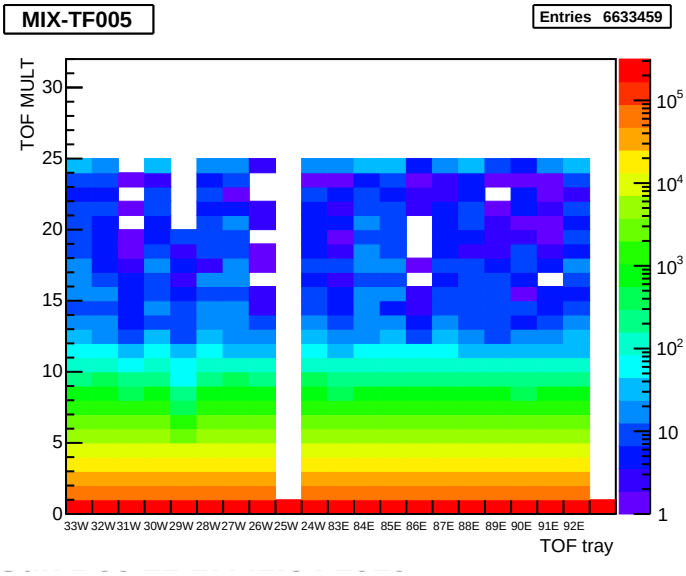

BunchId7Bit (TOFmult window)
Entries 11301

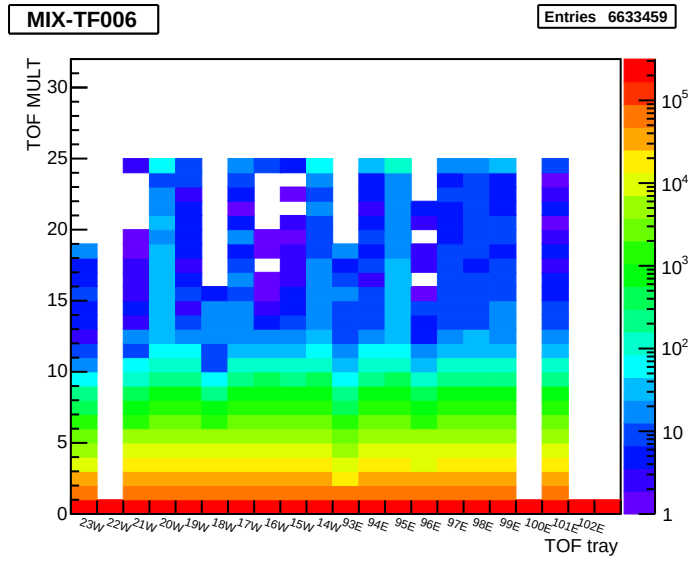

MIX-TF001
Entries 6633459
TOF MULT
TOF tray

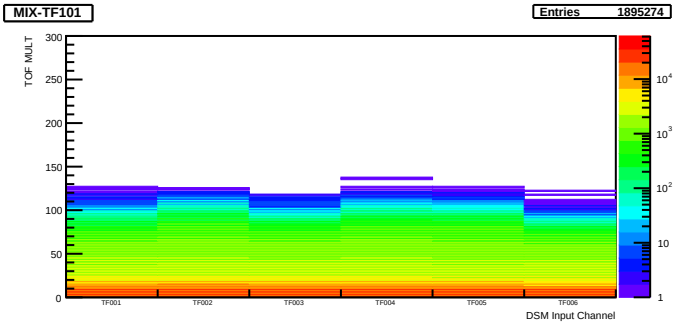

MIX-TF002
Entries 6633459
TOF MULT
TOF tray

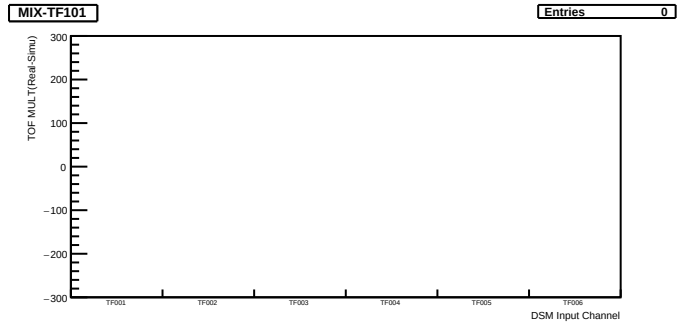

MIX-TF003
Entries 6633459
TOF MULT
TOF tray

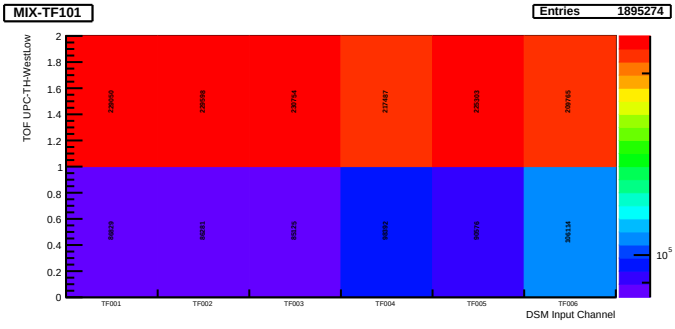

MIX-TF004
Entries 6633459
TOF MULT
TOF tray

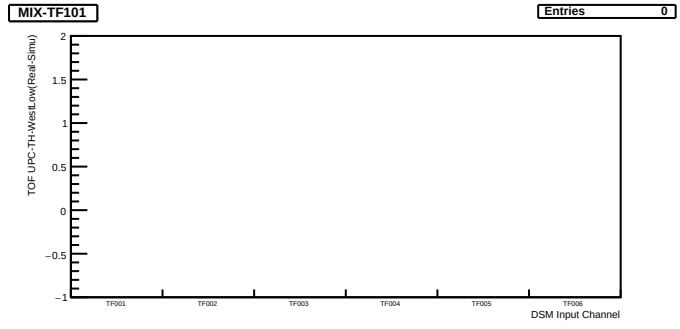

MIX-TF005
Entries 6633459
TOF MULT
TOF tray

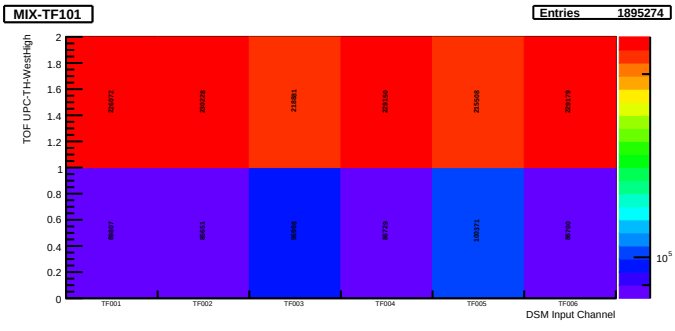

MIX-TF006
Entries 6633459
TOF MULT
TOF tray

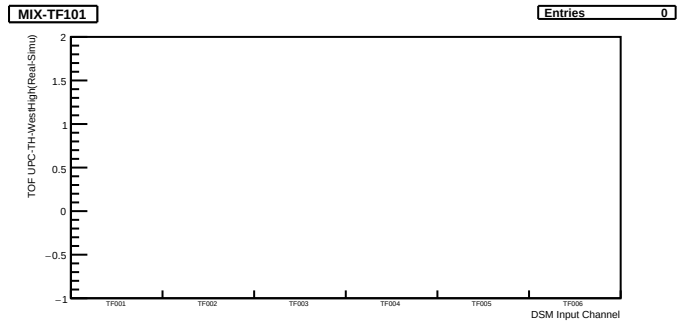

MIX-TF101
Entries 1895274
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

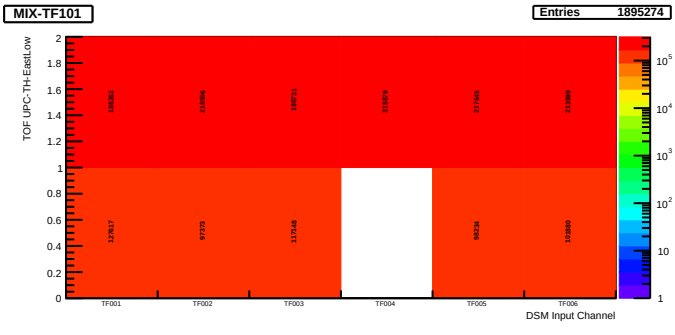

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

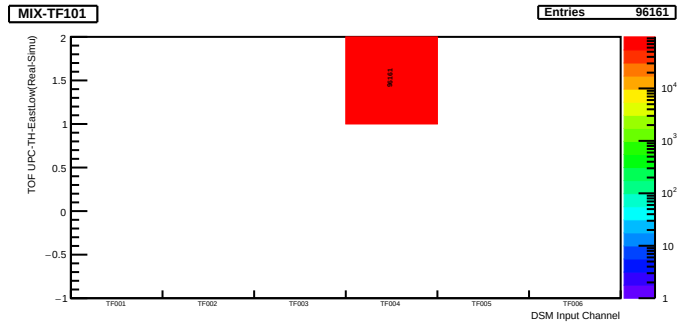

MIX-TF101
Entries 1895274
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

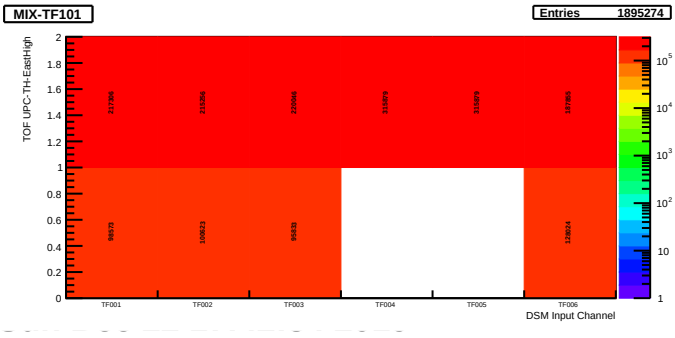

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

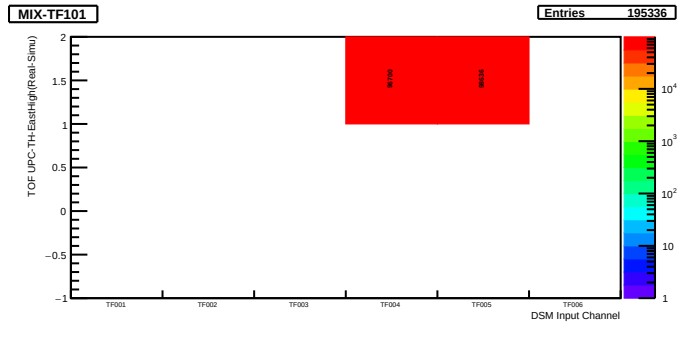

MIX-TF101
Entries 1895274
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

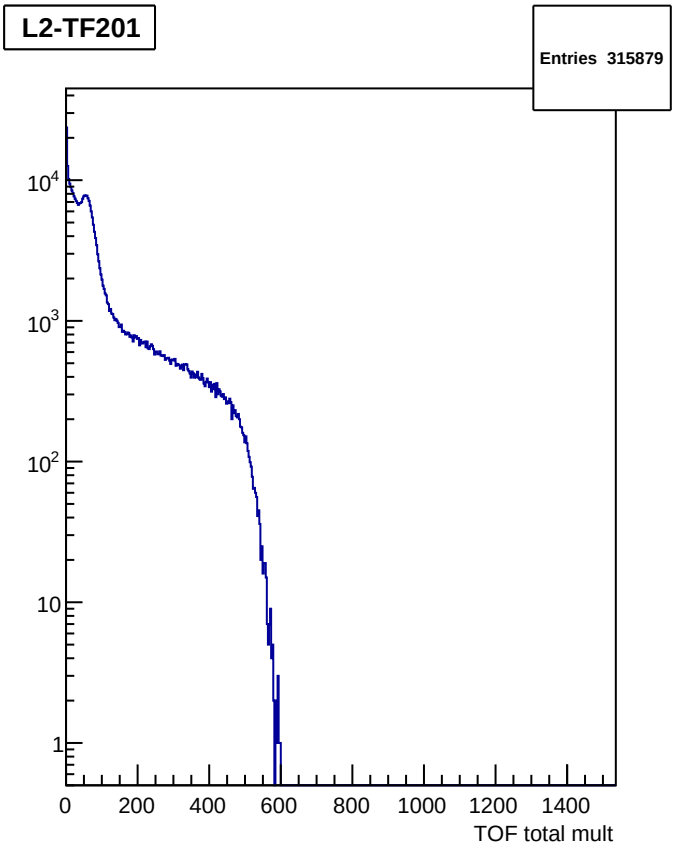

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

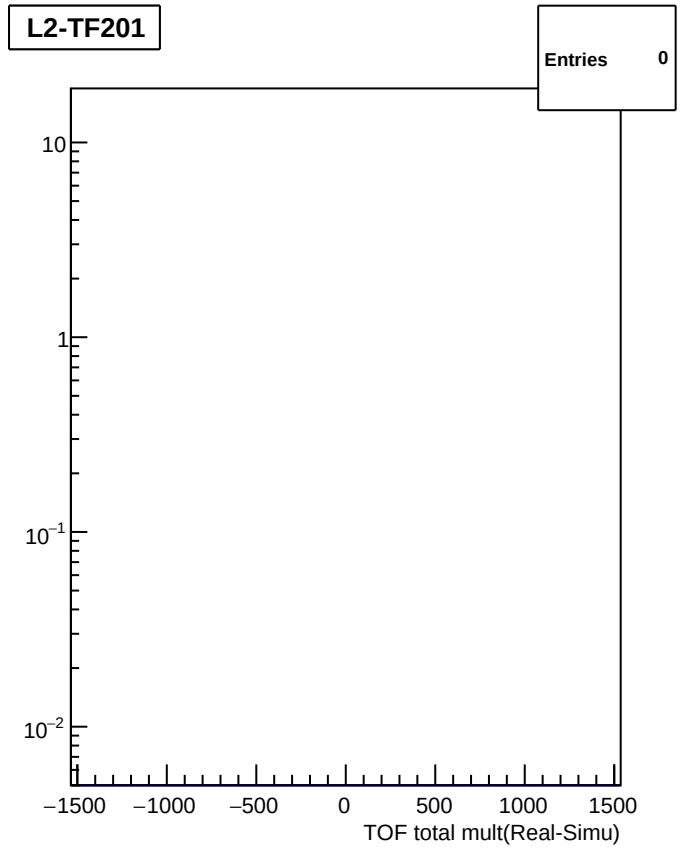

MIX-TF101
Entries 1895274
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

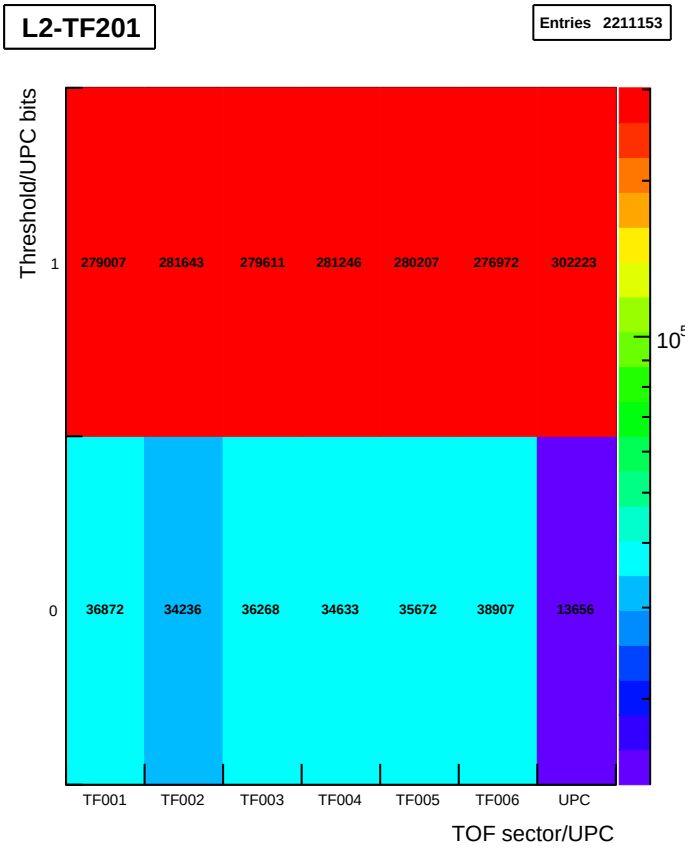

MIX-TF101
Entries 96161
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

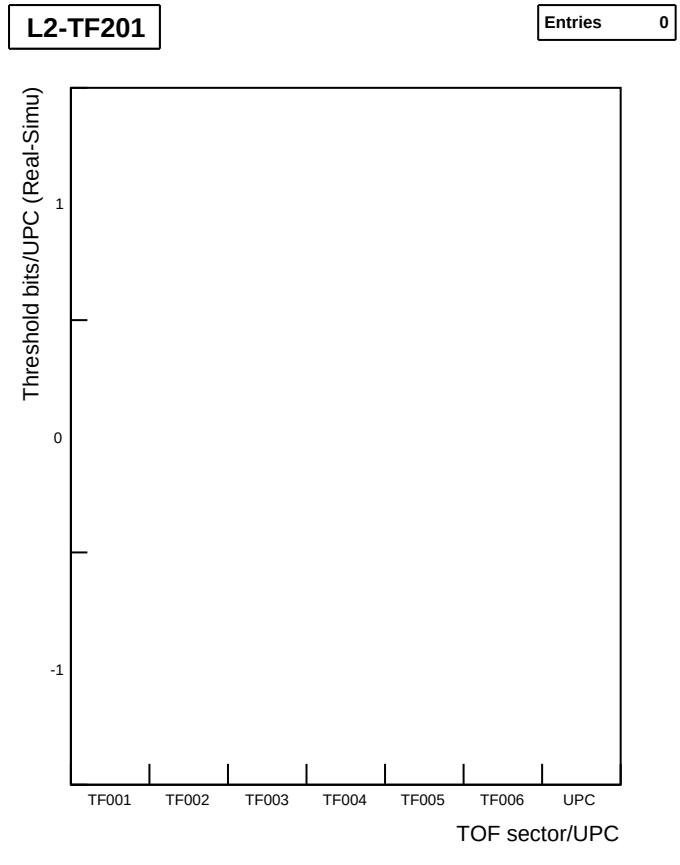

MIX-TF101
Entries 1895274
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

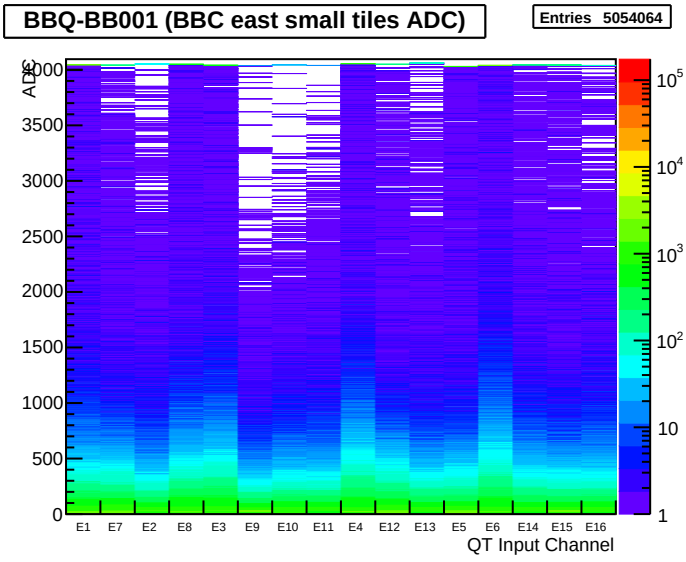

MIX-TF101
Entries 195336
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

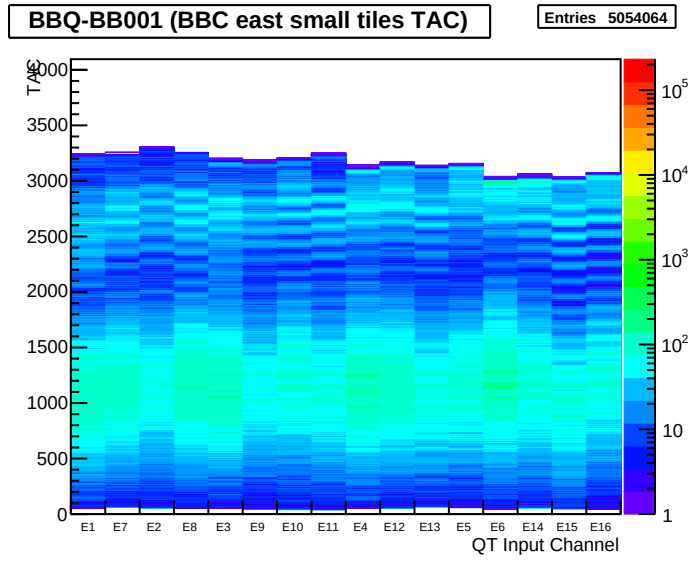

L2-TF201
Entries 315879
TOF total mult

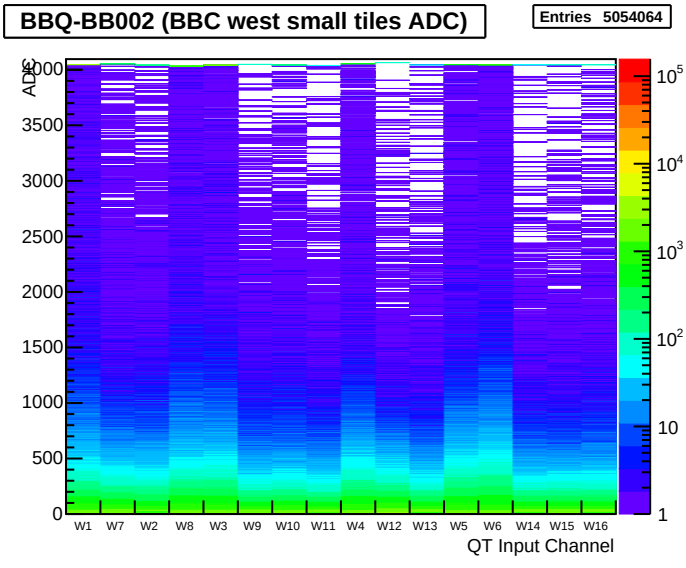

L2-TF201
Entries 0
TOF total mult(Real-Simu)

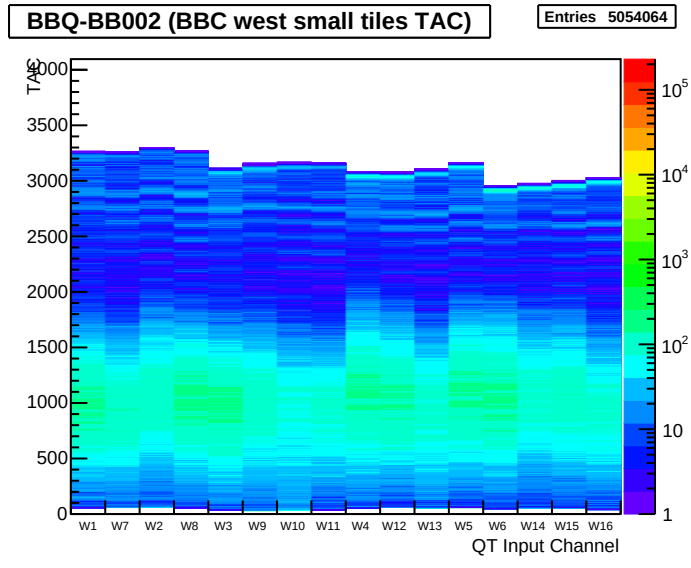

L2-TF201
Entries 2211153
Threshold/UPC bits
279007
281643
279611
281246
280207
276972
302223
36872
34236
36268
34633
35672
38907
13656
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

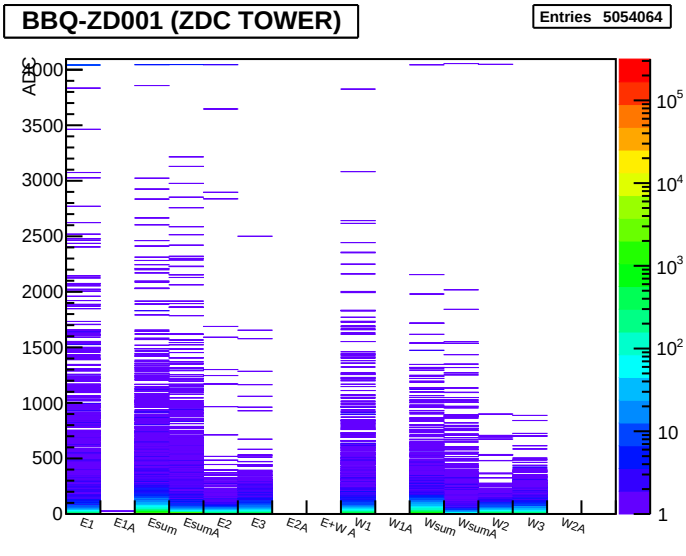

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

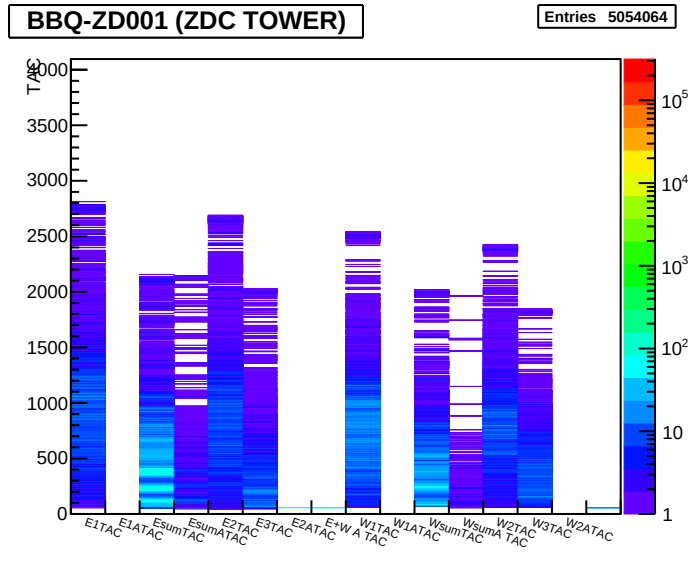

BBQ-BB001 (BBC east small tiles ADC)
Entries 5054064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

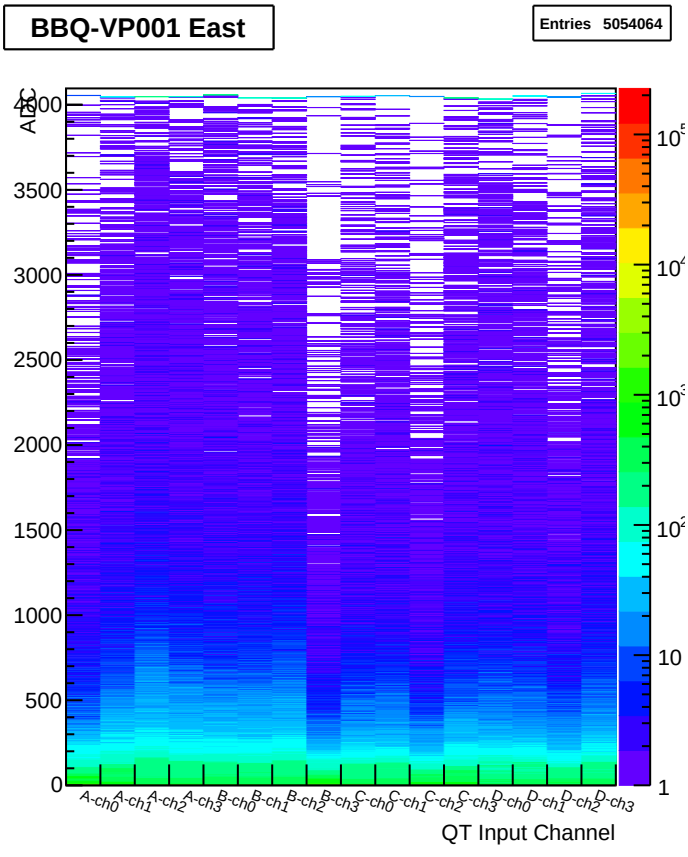

BBQ-BB001 (BBC east small tiles TAC)
Entries 5054064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

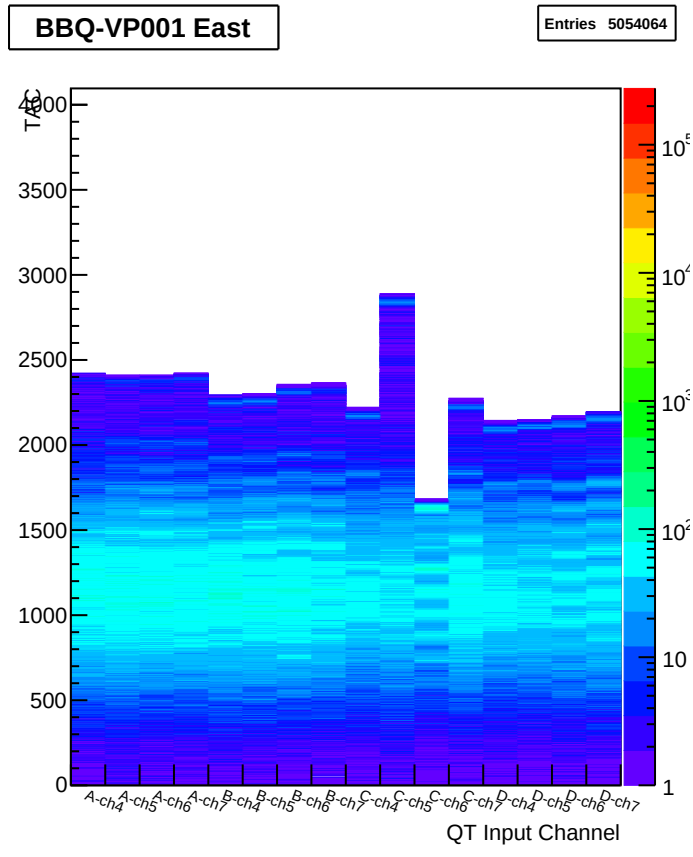

BBQ-BB002 (BBC west small tiles ADC)
Entries 5054064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

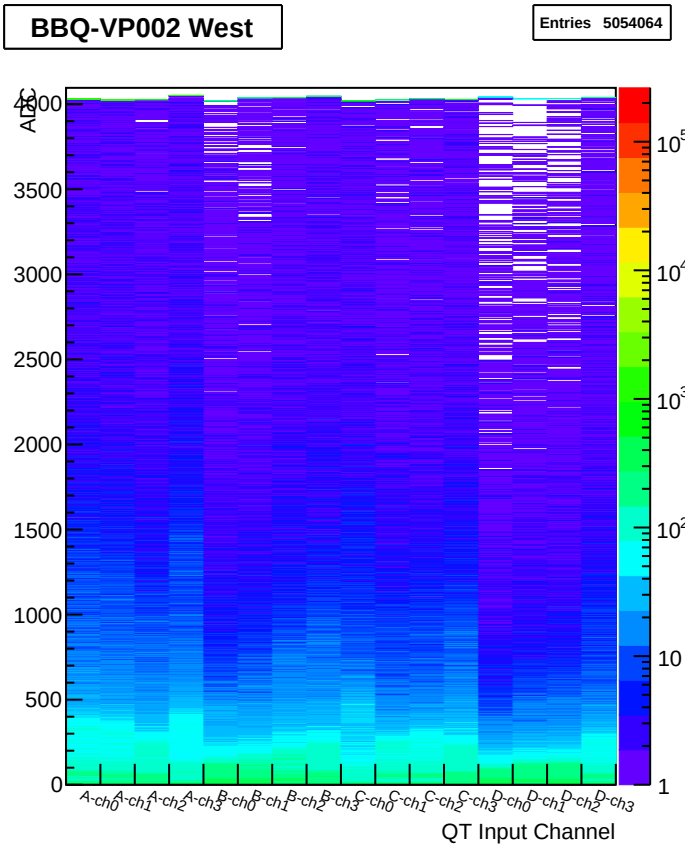

BBQ-BB002 (BBC west small tiles TAC)
Entries 5054064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

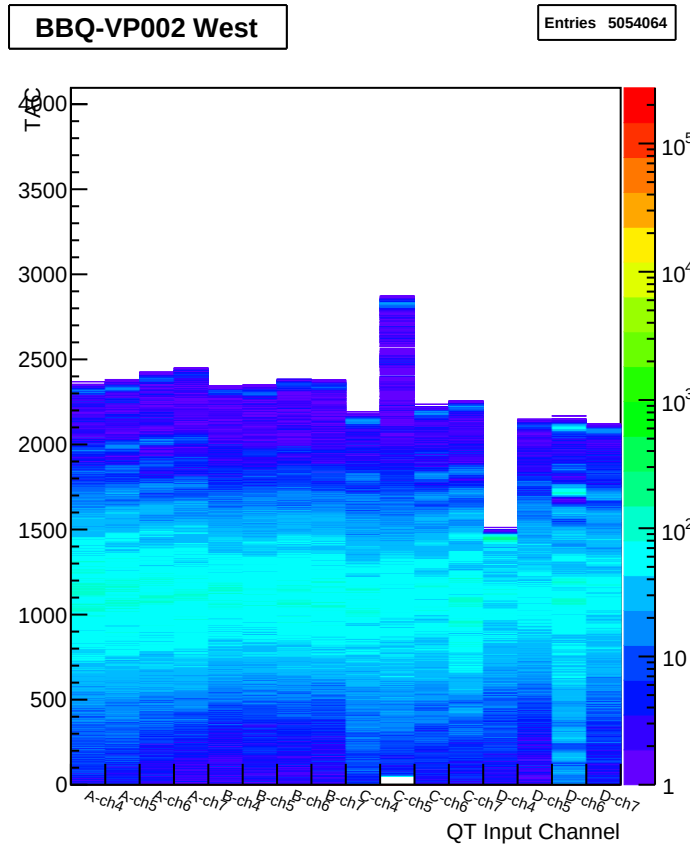

BBQ-ZD001 (ZDC TOWER)
Entries 5054064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

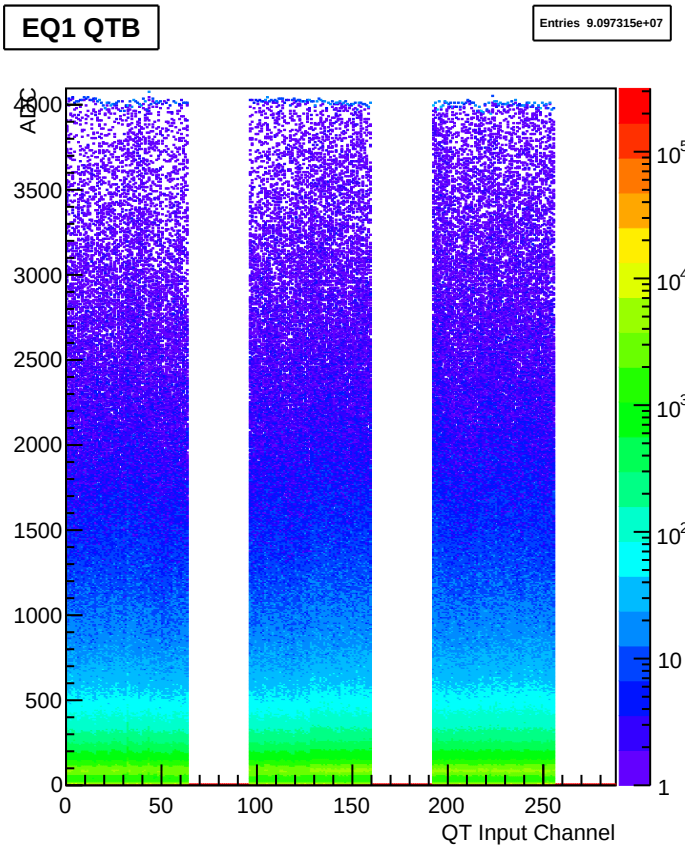

BBQ-ZD001 (ZDC TOWER)
Entries 5054064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

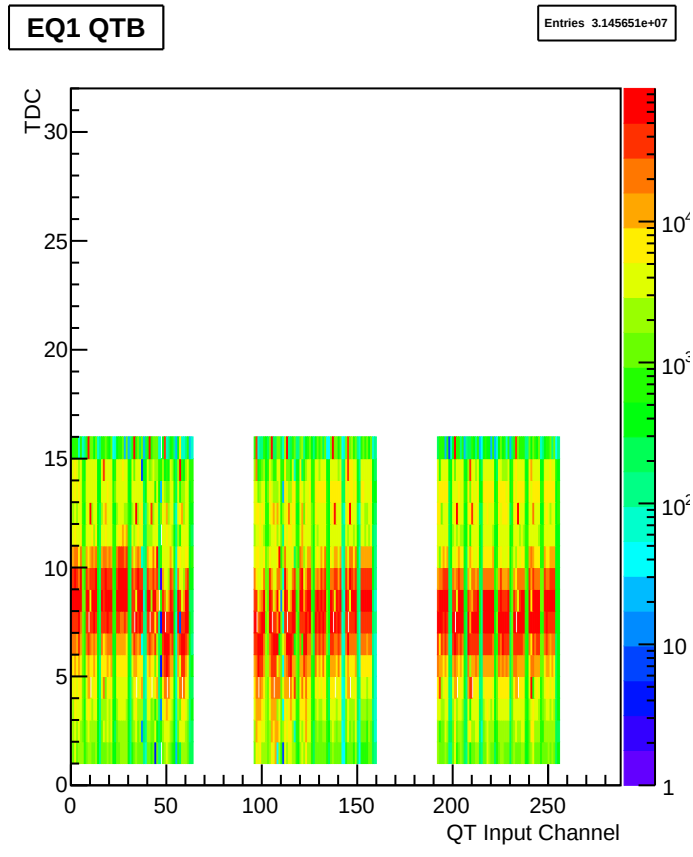

BBQ-VP001 East
Entries 5054064
ADC
QT Input Channel

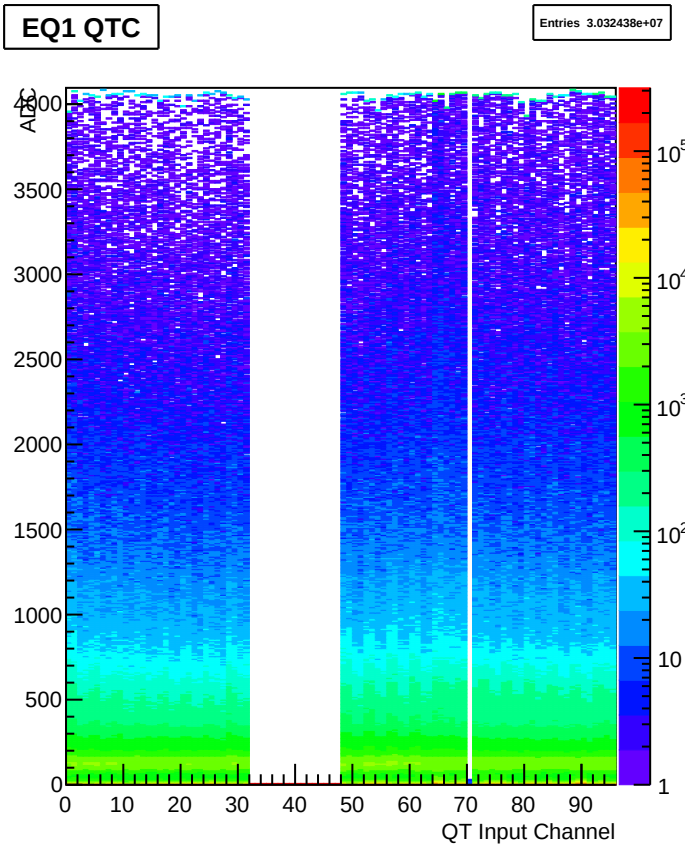

BBQ-VP001 East
Entries 5054064
TADC
QT Input Channel

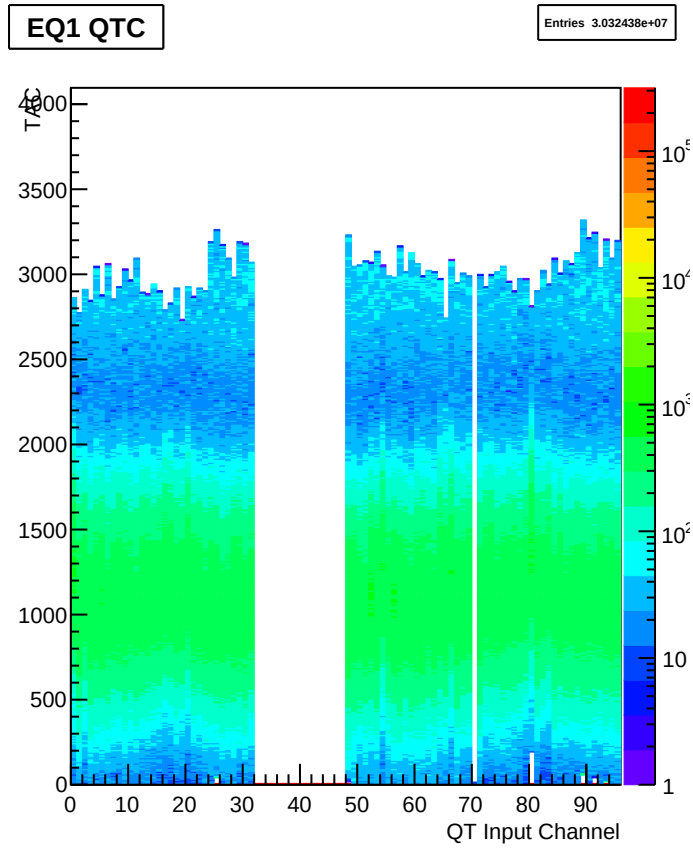

BBQ-VP002 West
Entries 5054064
ADC
QT Input Channel

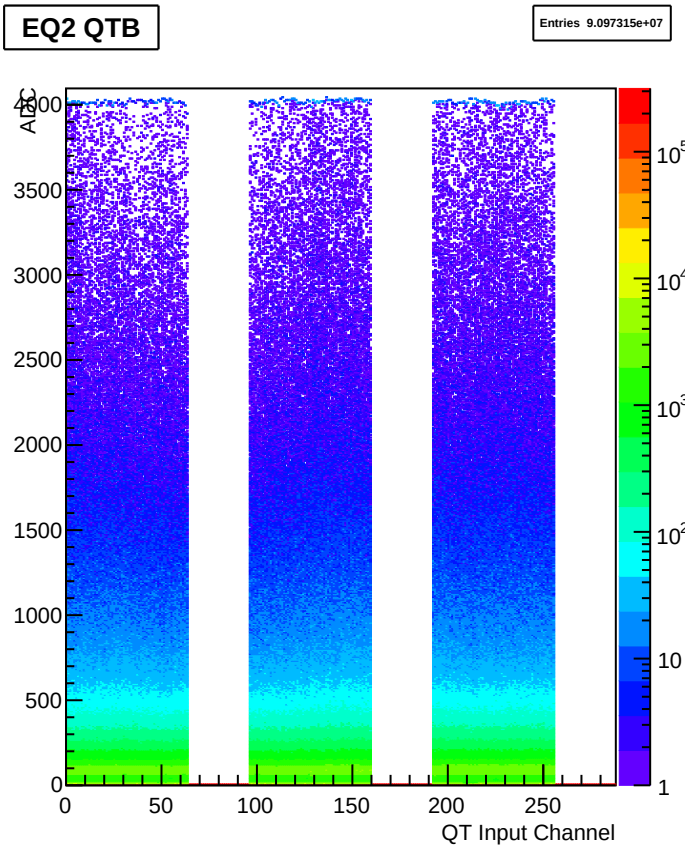

BBQ-VP002 West
Entries 5054064
TADC
QT Input Channel

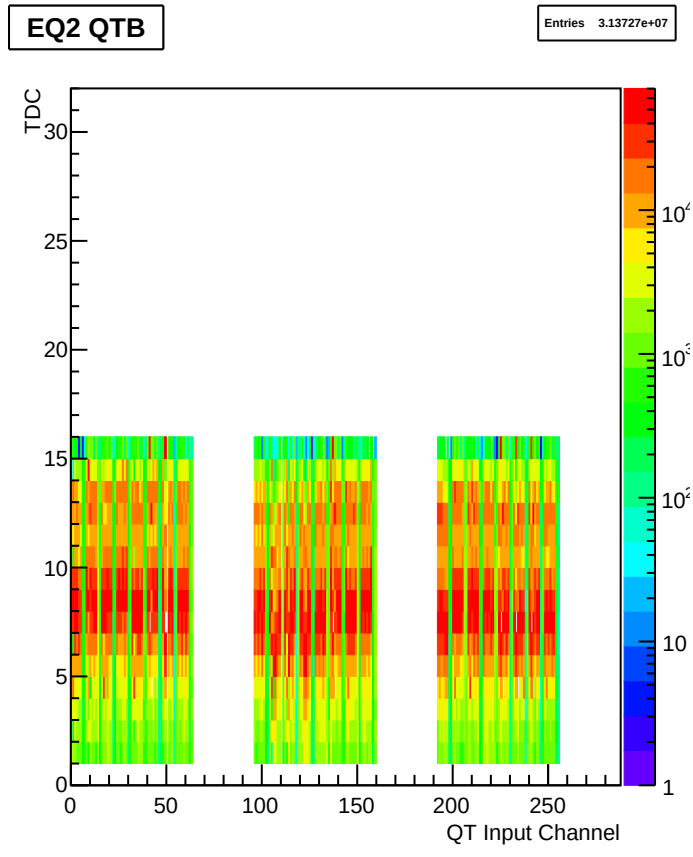

EQ1 QTB
Entries 9.097315e+07
ADC
QT Input Channel

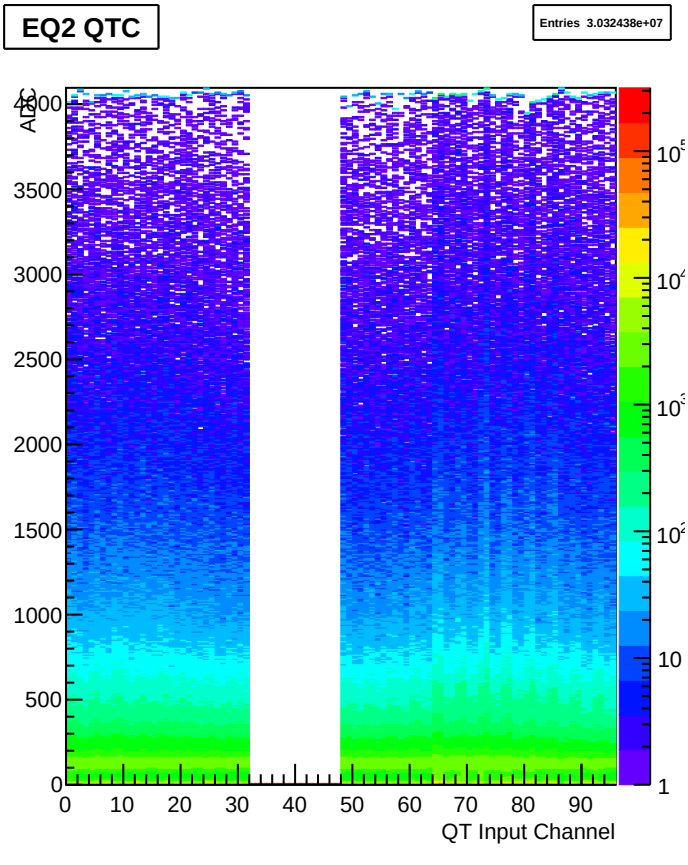

EQ1 QTB
Entries 3.145651e+07
TDC
QT Input Channel

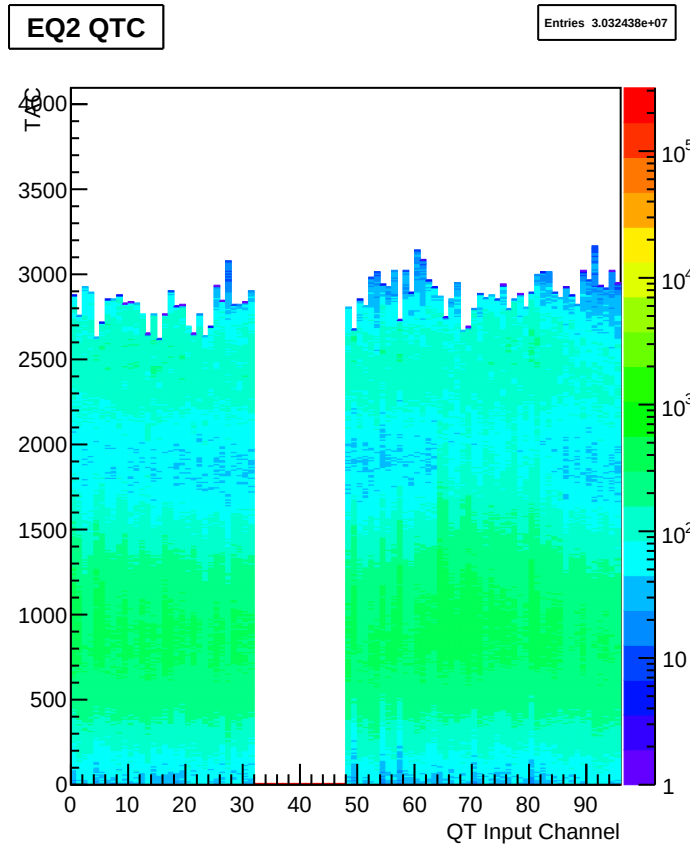

EQ1 QTC
Entries 3.032438e+07
ADC
QT Input Channel

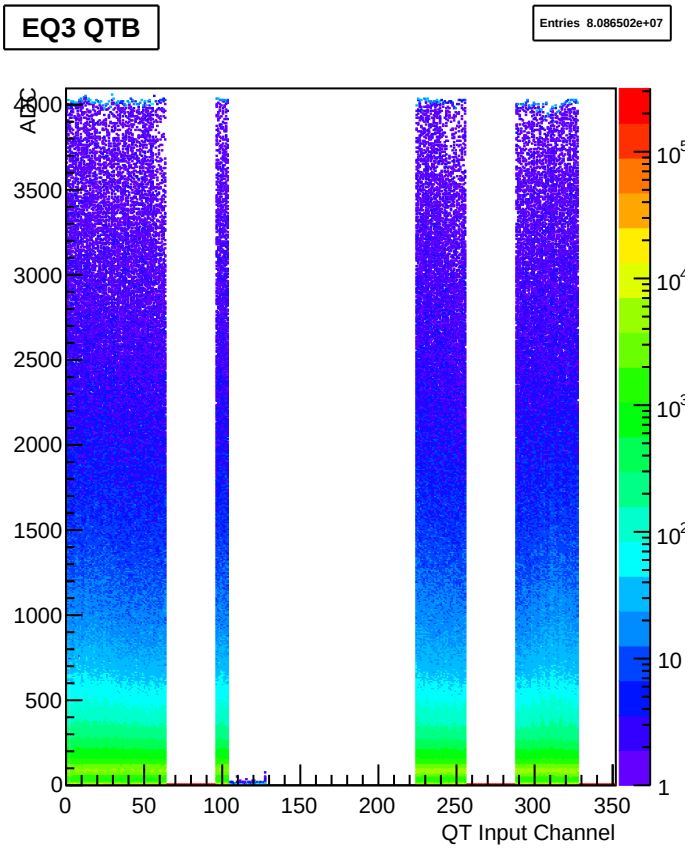

EQ1 QTC
Entries 3.032438e+07
TADC
QT Input Channel

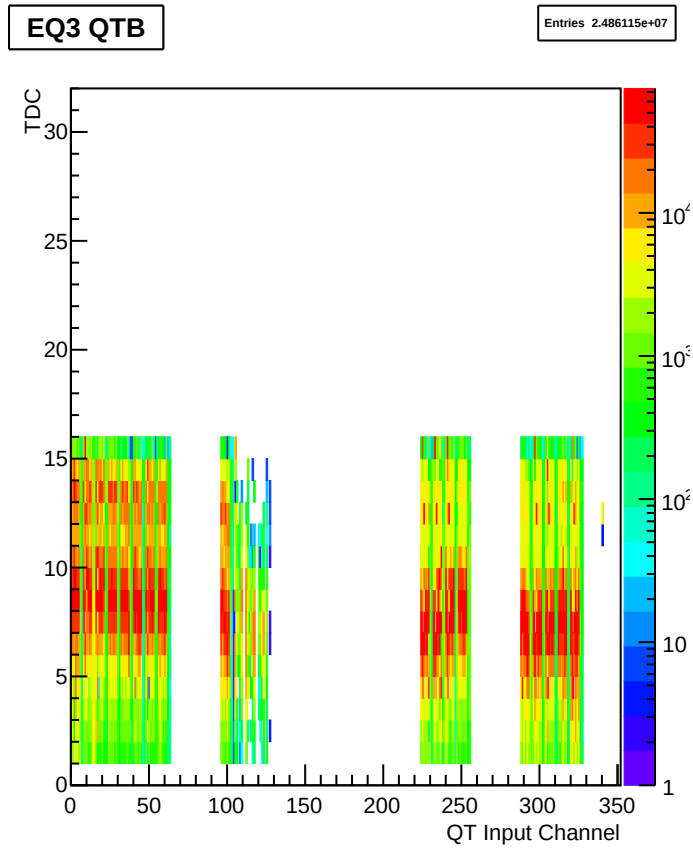

EQ2 QTB
Entries 9.097315e+07
ADC
QT Input Channel

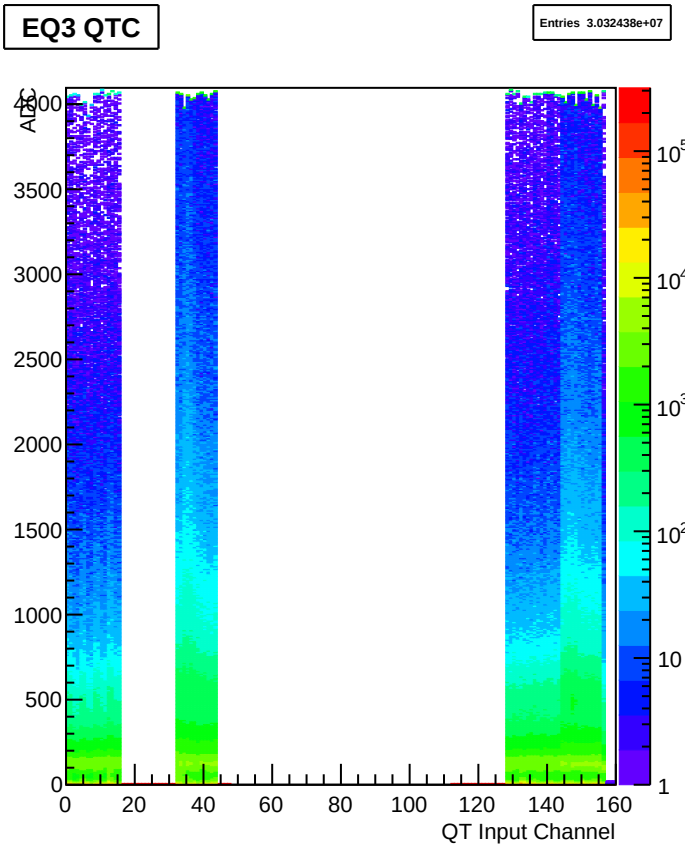

EQ2 QTB
Entries 3.13727e+07
TDC
QT Input Channel

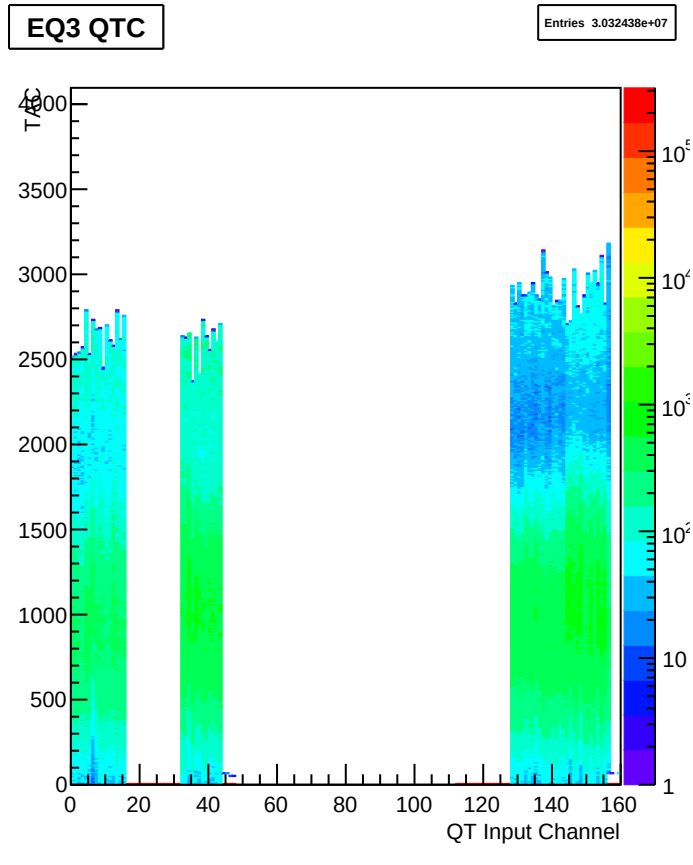

EQ2 QTC
Entries 3.032438e+07
ADC
QT Input Channel

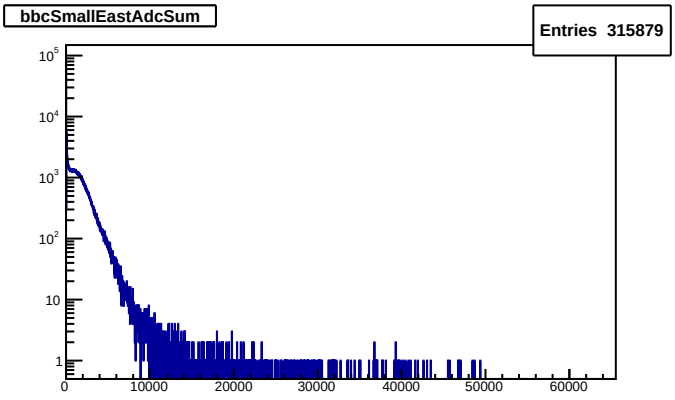

EQ2 QTC
Entries 3.032438e+07
TADC
QT Input Channel

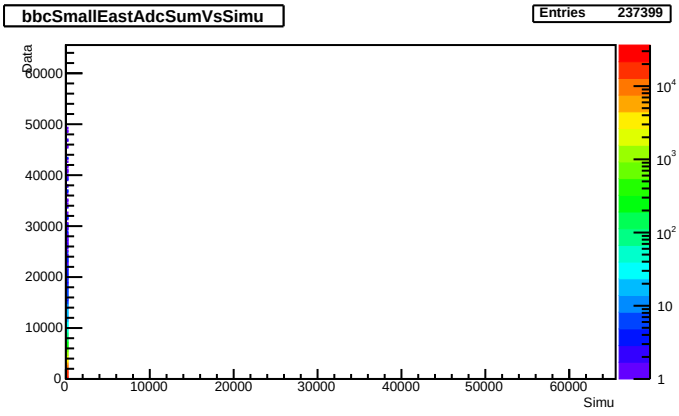

EQ3 QTB
Entries 8.086502e+07
ADC
QT Input Channel

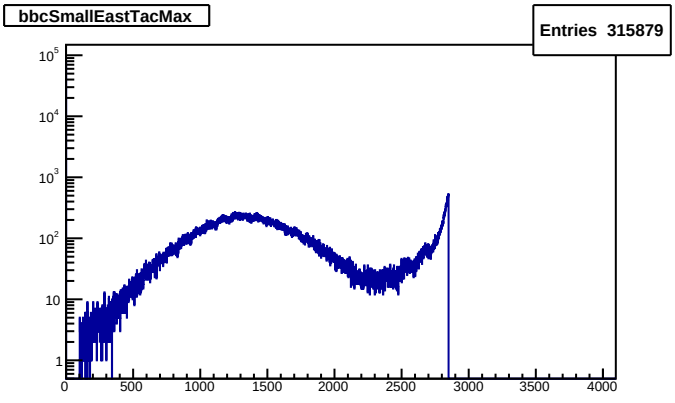

EQ3 QTB
Entries 2.486115e+07
TDC
QT Input Channel

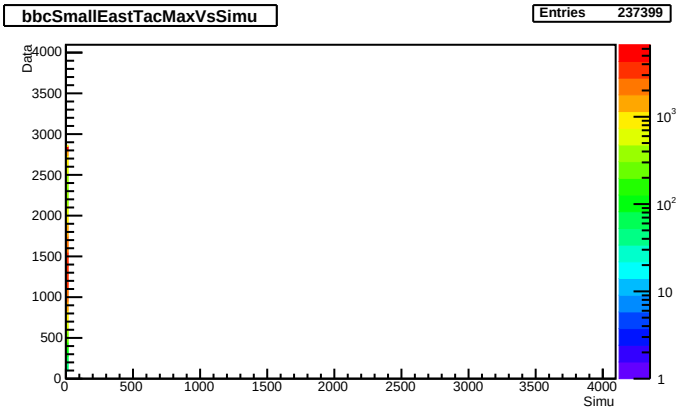

EQ3 QTC
Entries 3.032438e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.032438e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 315879


bbcSmallEastAdcSumVsSimu
Entries 237399
Data
Simu


bbcSmallEastTacMax
Entries 315879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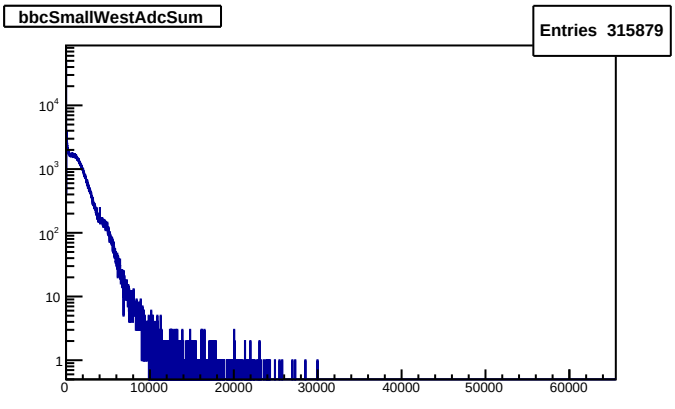
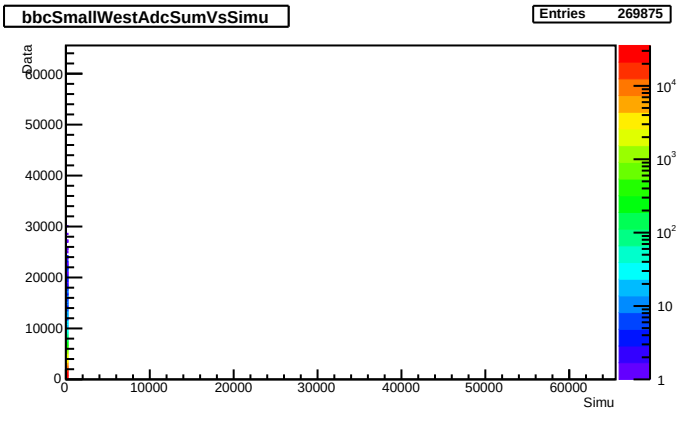
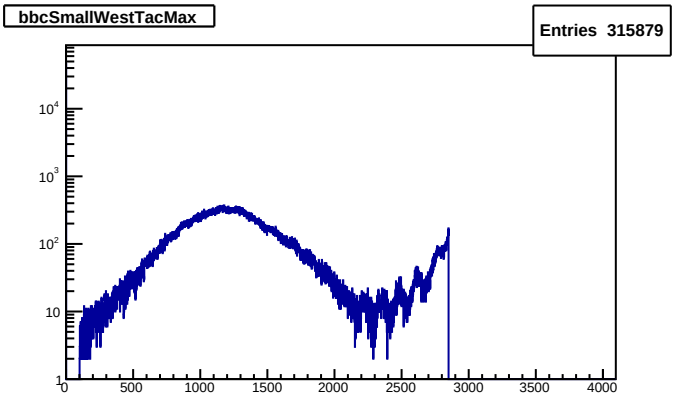
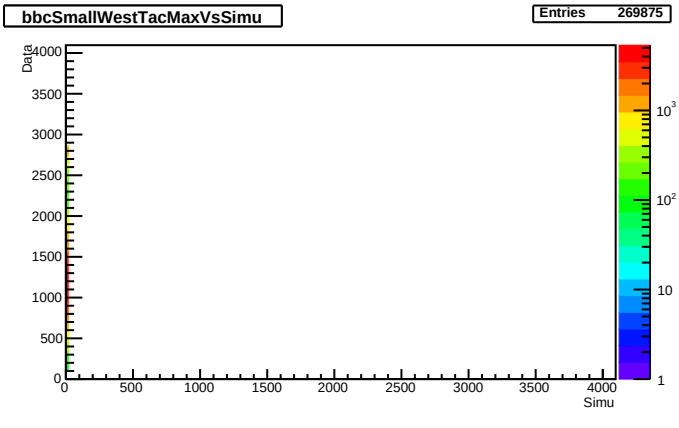
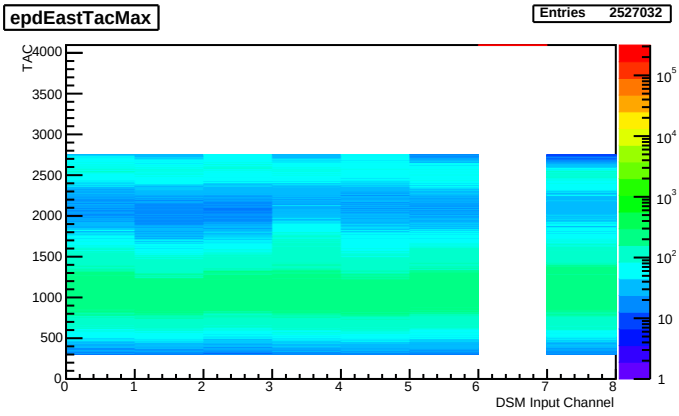
Entries 237399
Data
Simu

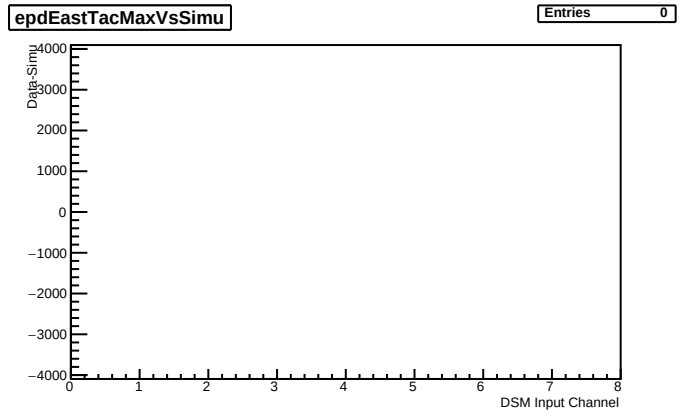

bbcSmallWestAdcSum
Entries 315879

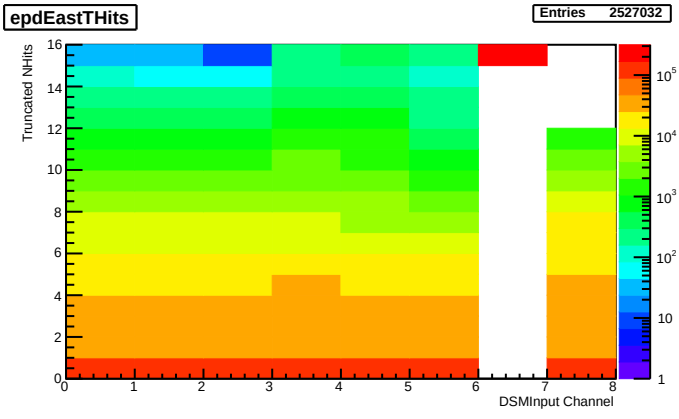

bbcSmallWestAdcSumVsSimu
Entries 269875
Data
Simu

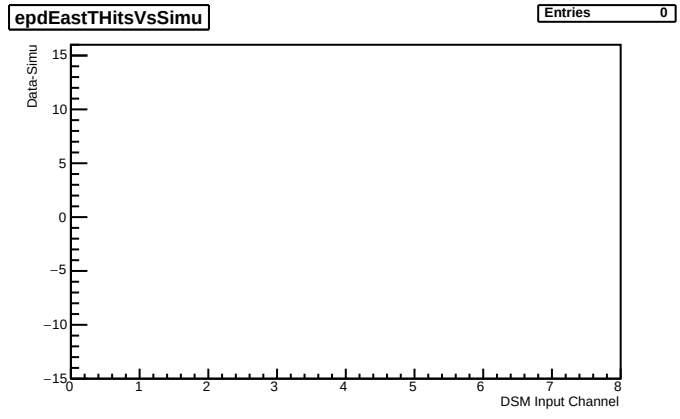

bbcSmallWestTacMax
Entries 315879

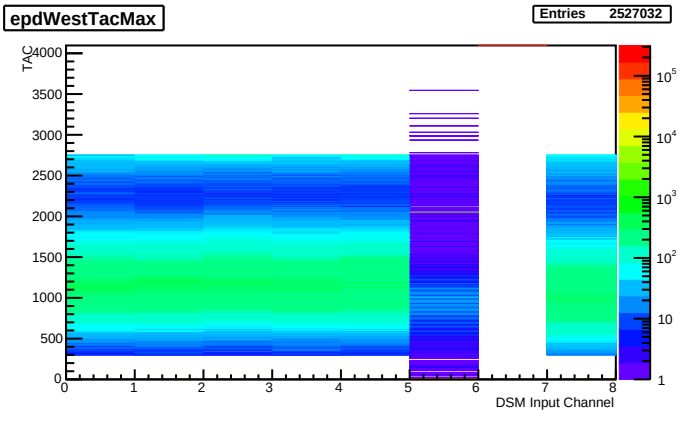

bbcSmallWestTacMaxVsSimu
Entries 269875
Data
Simu

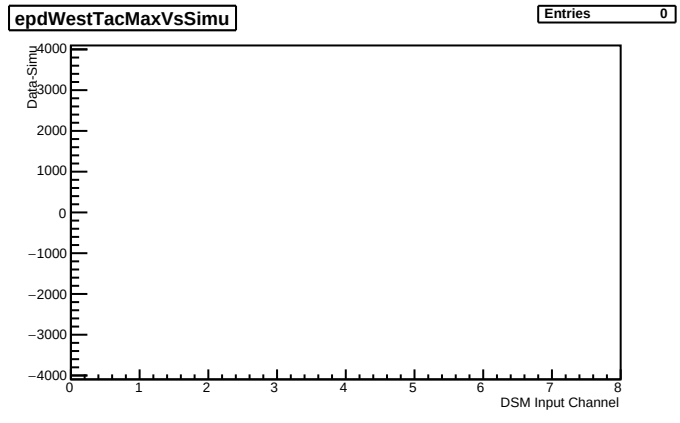

epdEastTacMax
Entries 2527032
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2527032
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2527032
TAC
DSM Input Channel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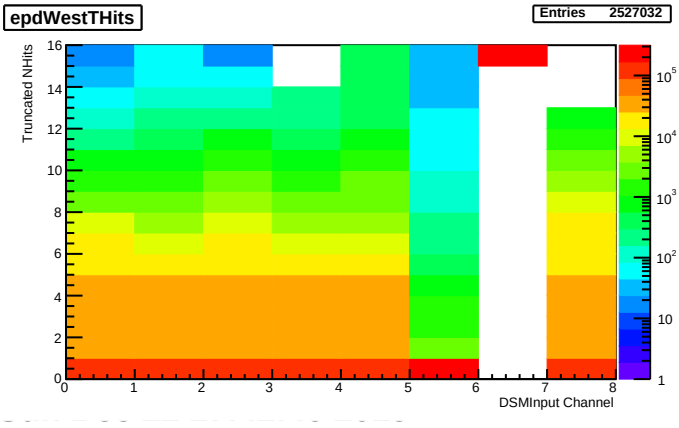
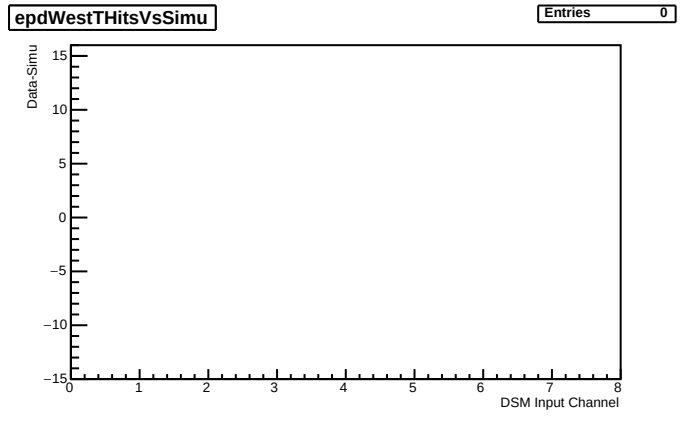
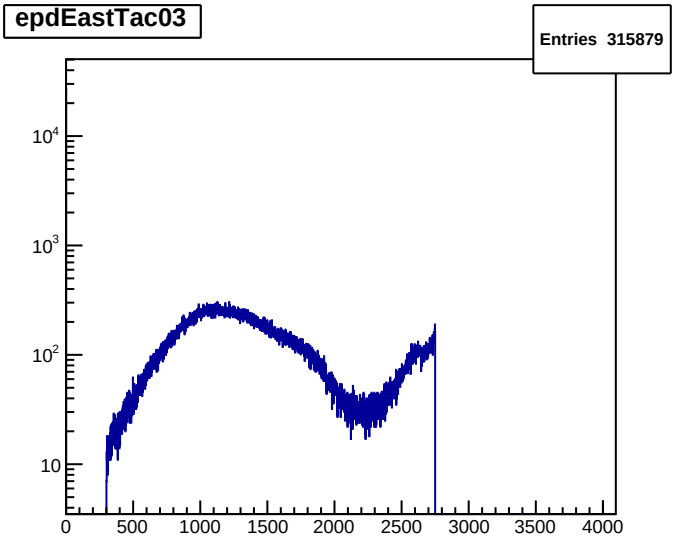
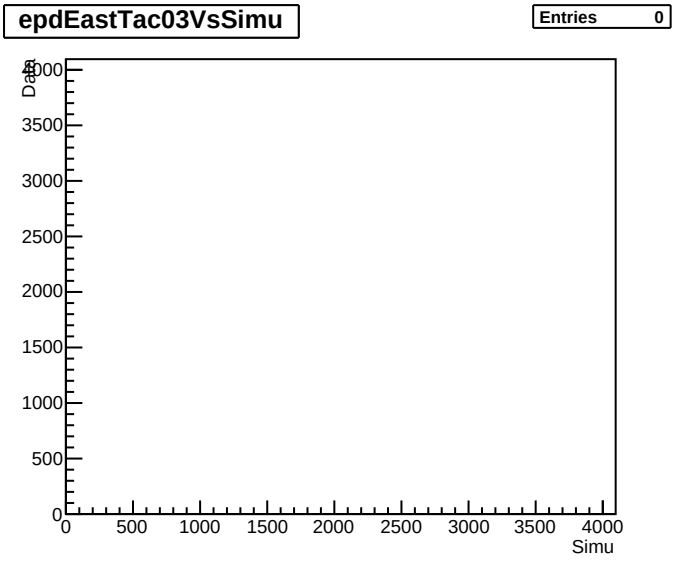
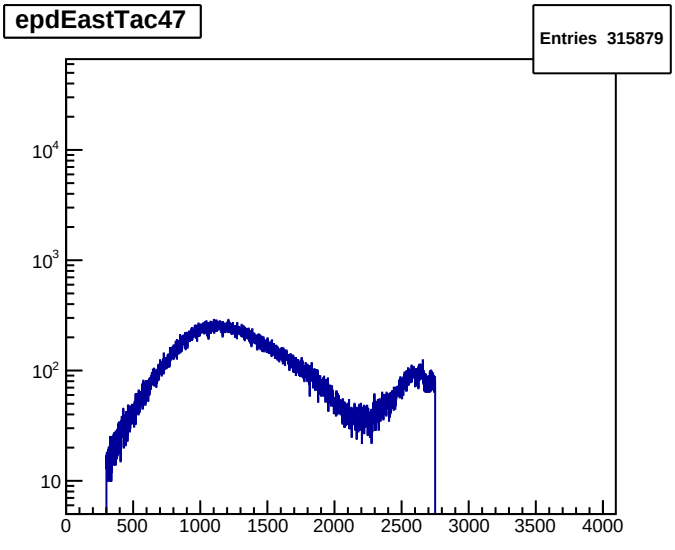
Entries 0
Data-Simu
DSM Input Channel

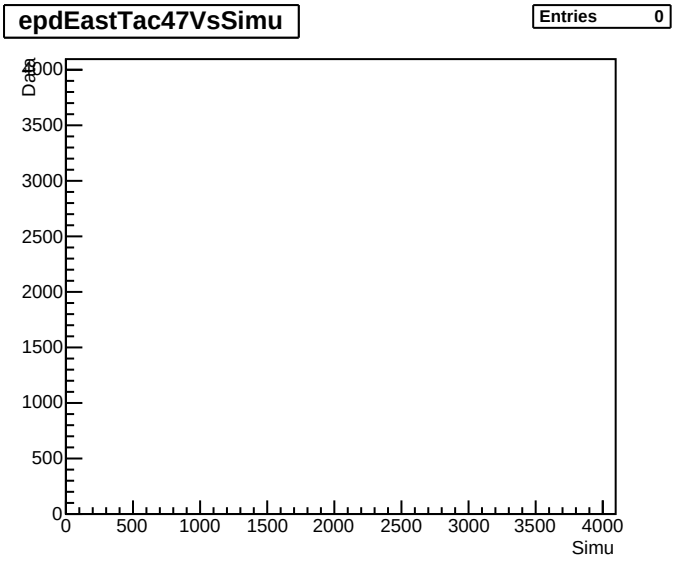

epdWestTHits
Entries 2527032
Truncated NHits
DSMInput Channel

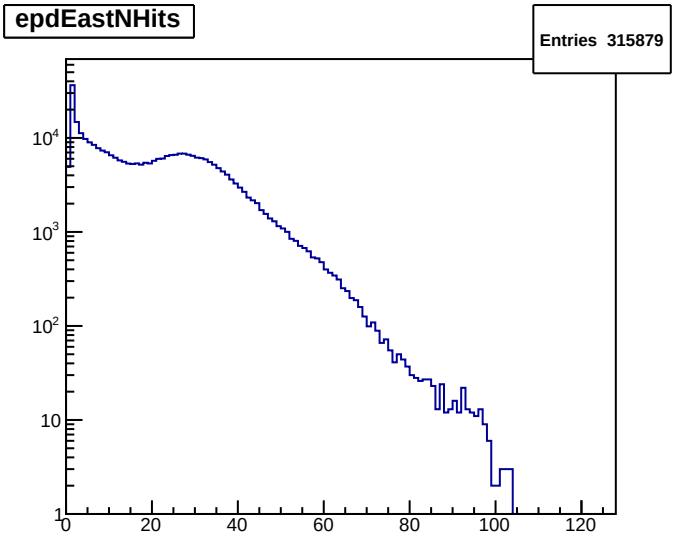

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

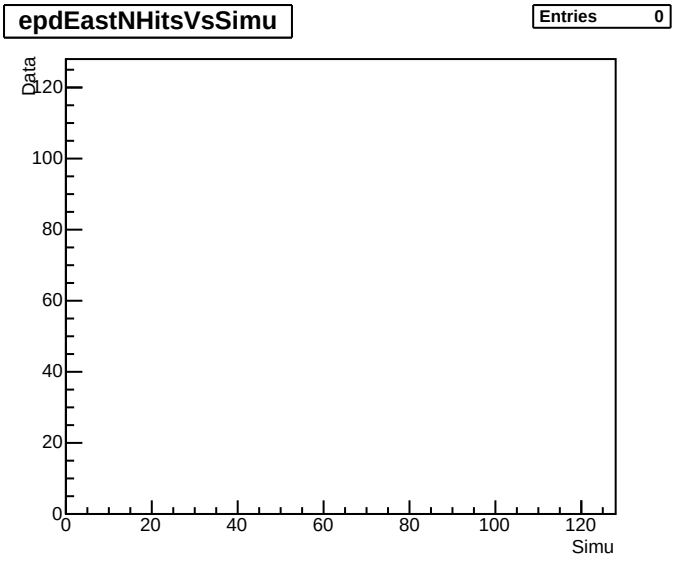

epdEastTac03
Entries 315879


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 315879


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 315879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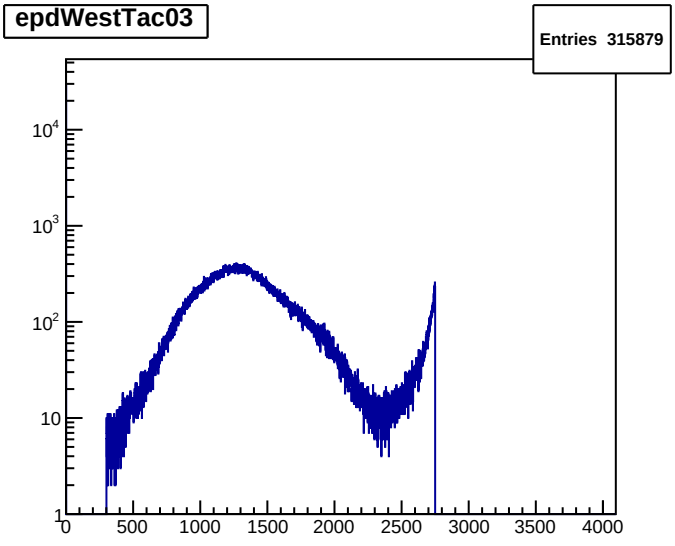
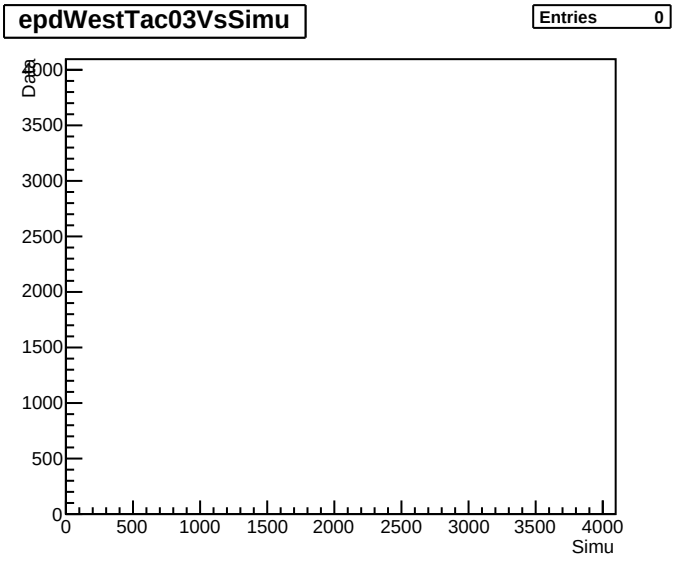
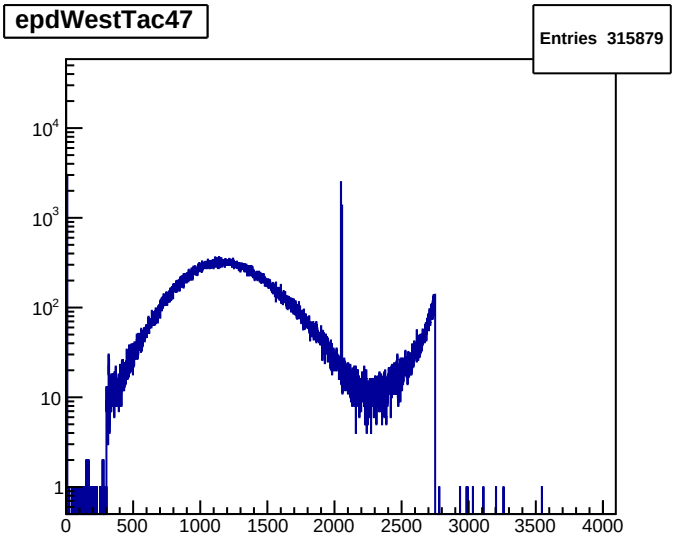
Entries 0
Data
Simu


epdWestTac03
Entries 315879


epdWestTac03VsSimu
Entries 0
Data
Simu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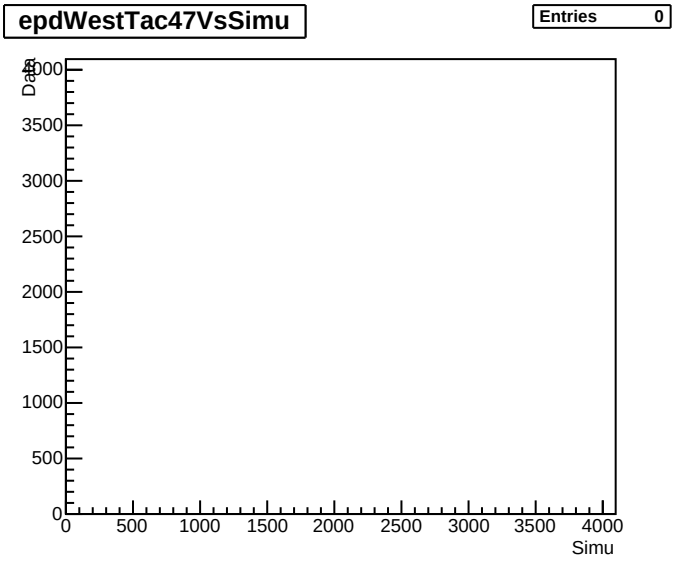
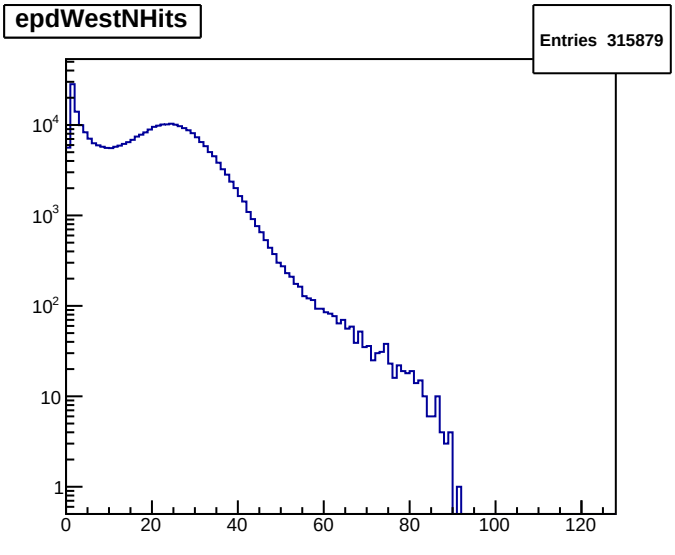
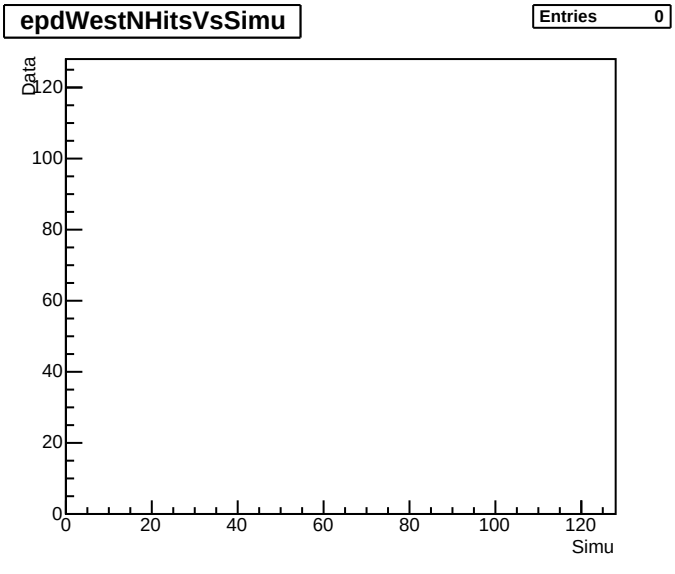
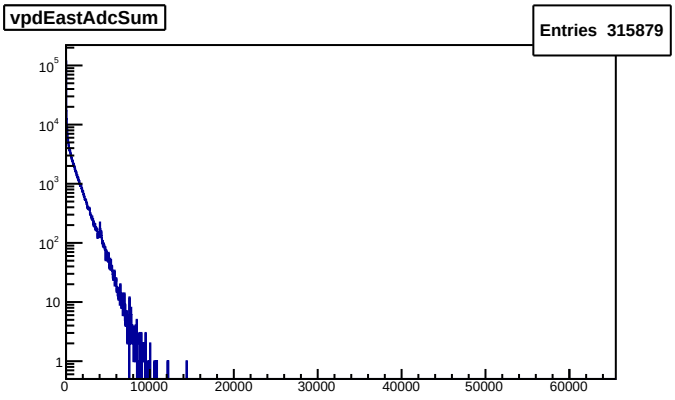
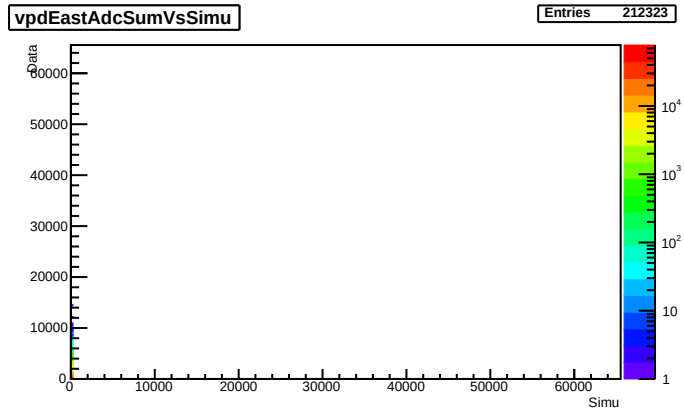
Entries 315879

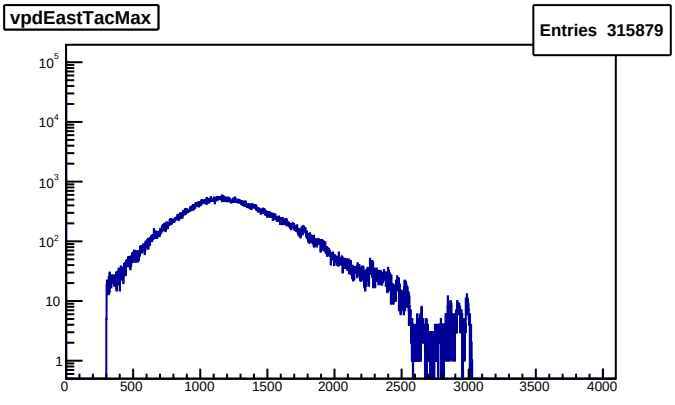

epdWestTac47VsSimu
Entries 0
Data
Simu

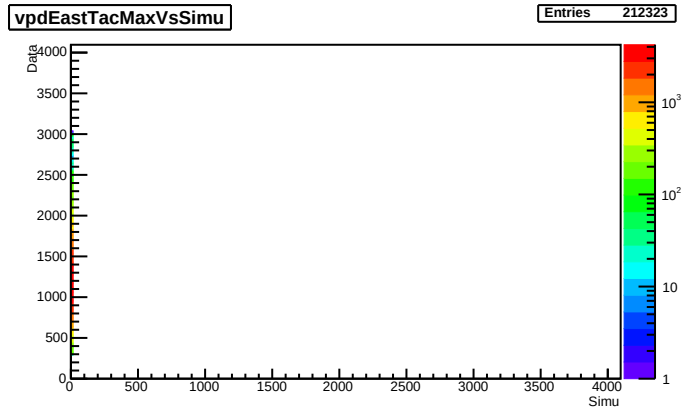

epdWestNHits
Entries 315879

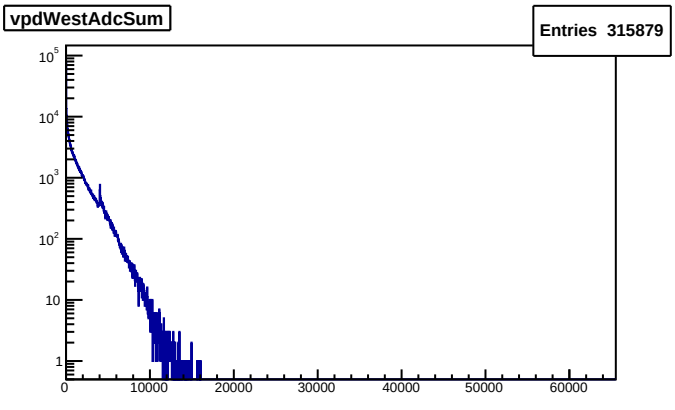

epdWestNHitsVsSimu
Entries 0
Data
Simu

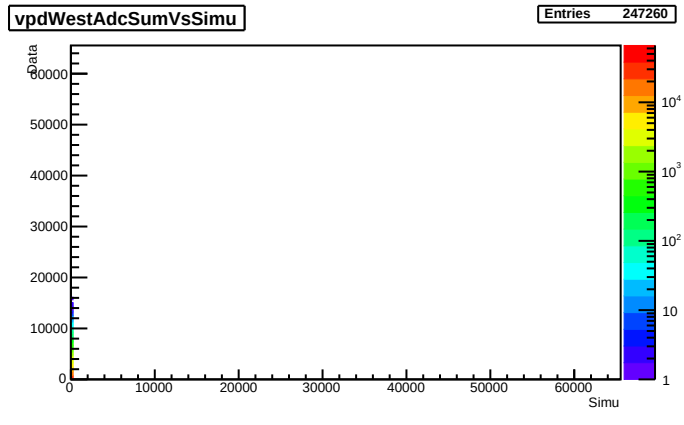

vpdEastAdcSum
Entries 315879

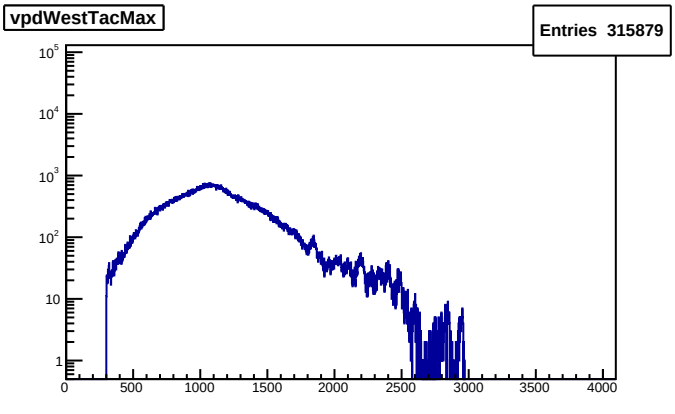

vpdEastAdcSumVsSimu
Entries 212323
Data
Simu

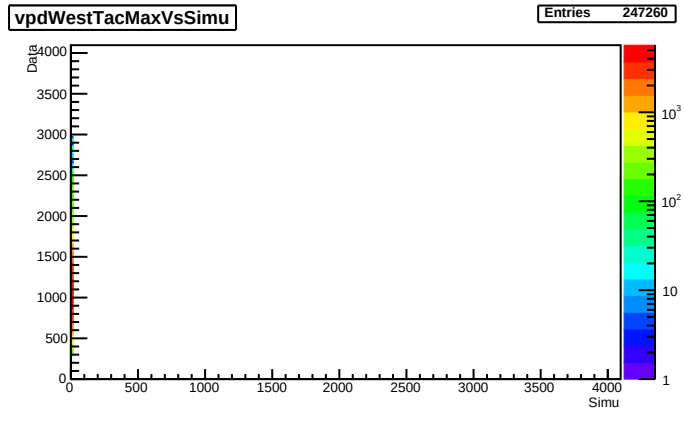

vpdEastTacMax
Entries 315879

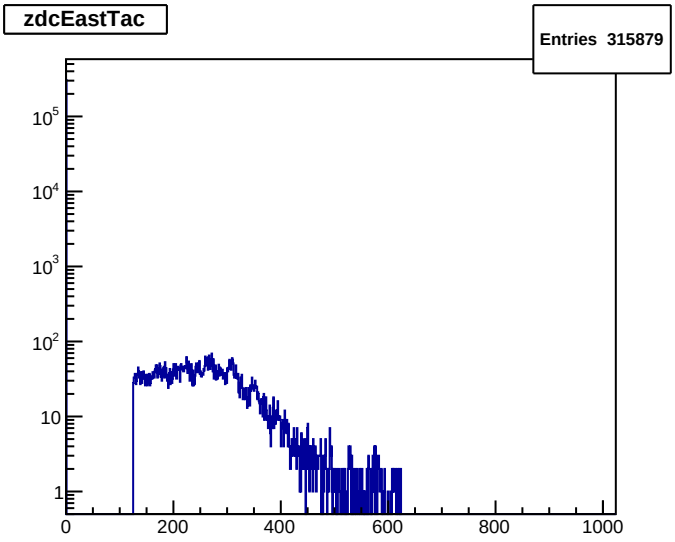

vpdEastTacMaxVsSimu
Entries 212323
Data
Simu

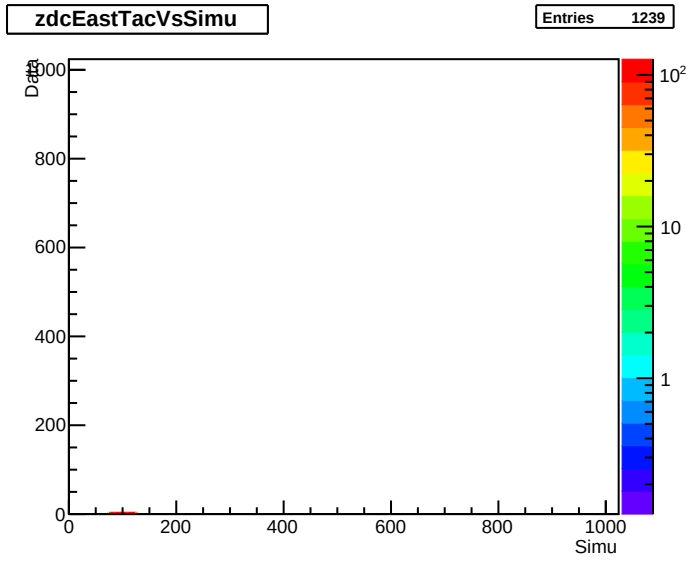

vpdWestAdcSum
Entries 315879

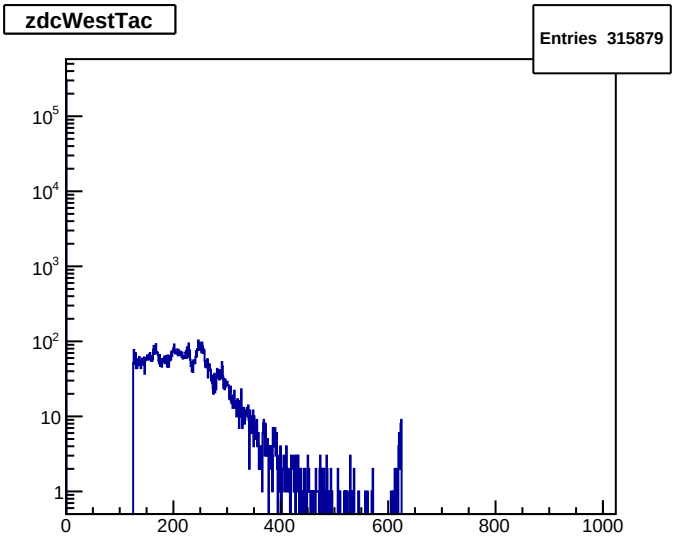

vpdWestAdcSumVsSimu
Entries 247260
Data
Simu

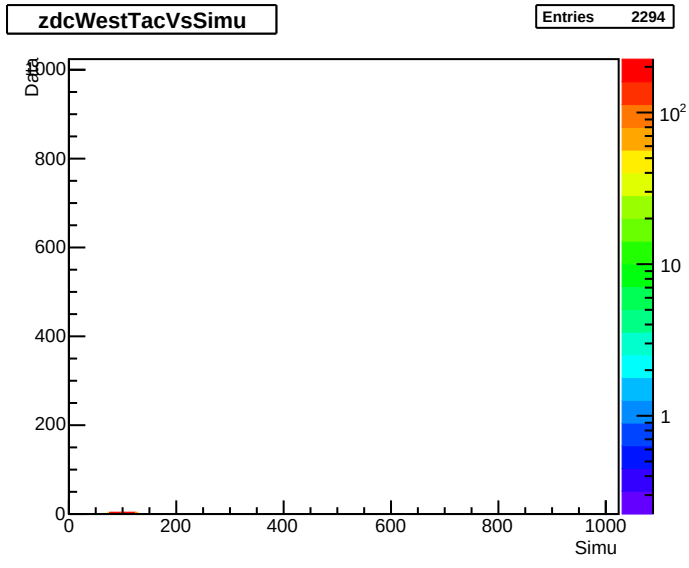

vpdWestTacMax
Entries 315879

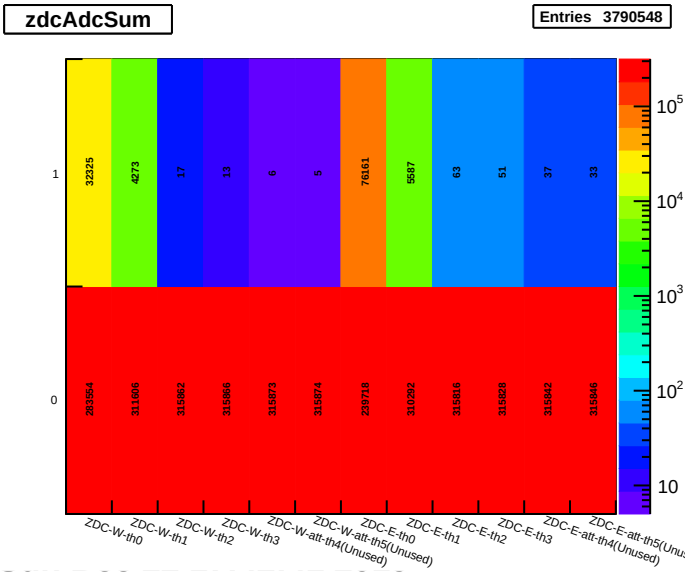

vpdWestTacMaxVsSimu
Entries 247260
Data
Simu

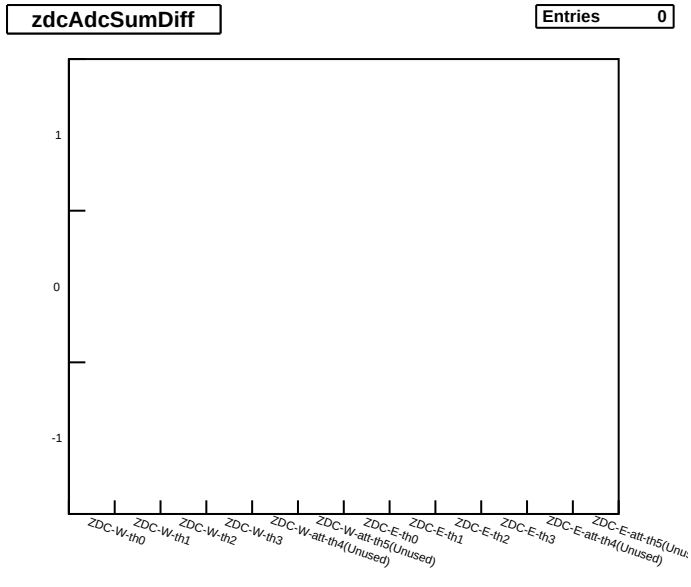

zdcEastTac
Entries 315879

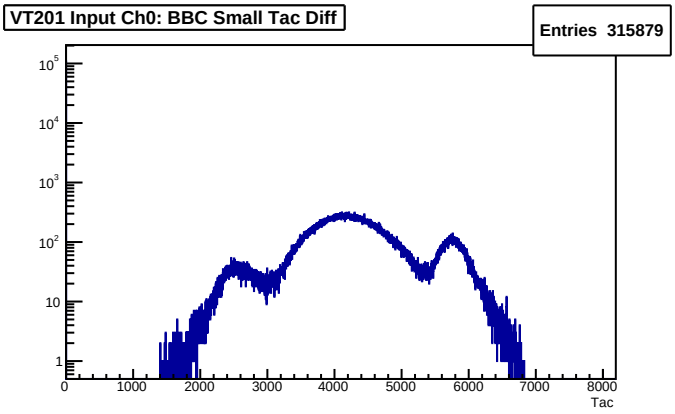

zdcEastTacVsSimu
Entries 1239
Data
Simu

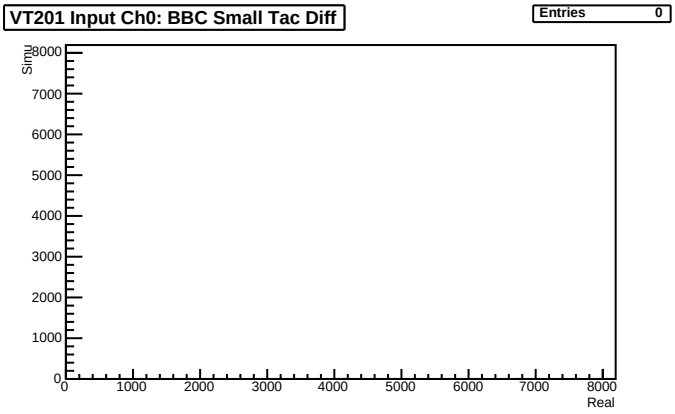

zdcWestTac
Entries 315879

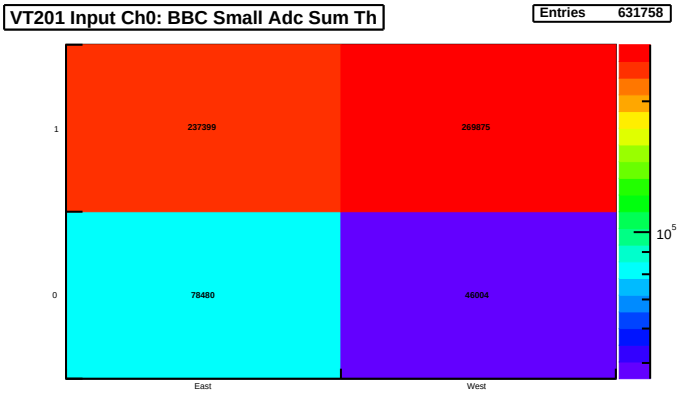

zdcWestTacVsSimu
Entries 2294
Data
Simu

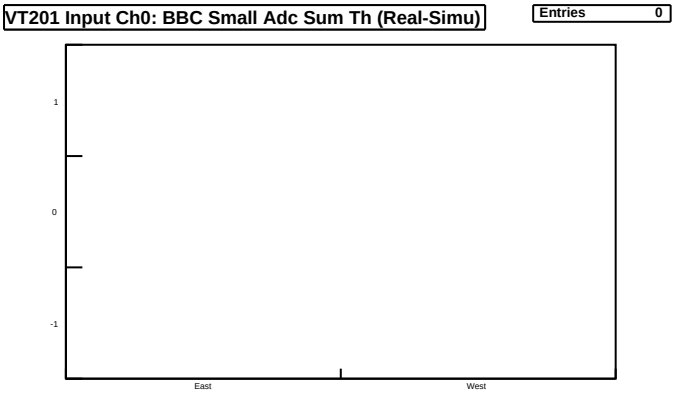

zdcAdcSum
Entries 3790548
32325
4273
17
13
6
5
76161
5587
63
51
37
33
283554
311606
315862
315866
315873
315874
239718
310292
315816
315828
315842
315846
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

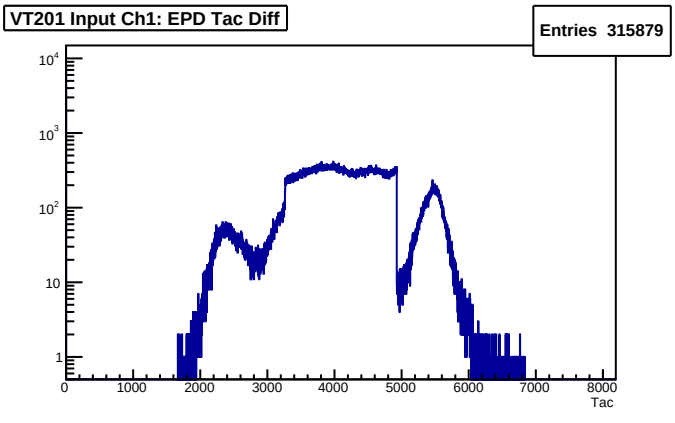

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

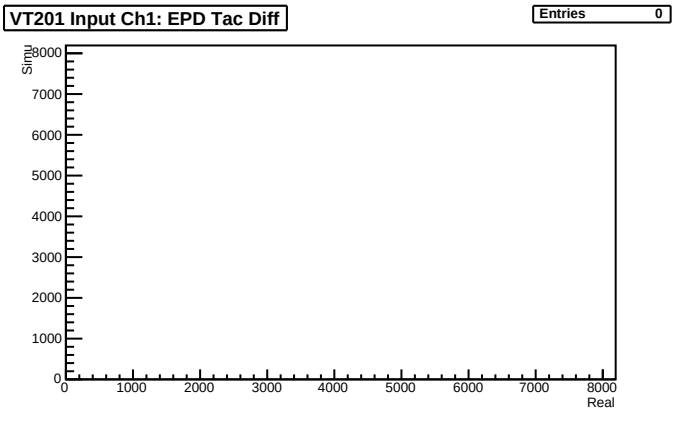

VT201 Input Ch0: BBC Small Tac Diff
Entries 315879
Tac

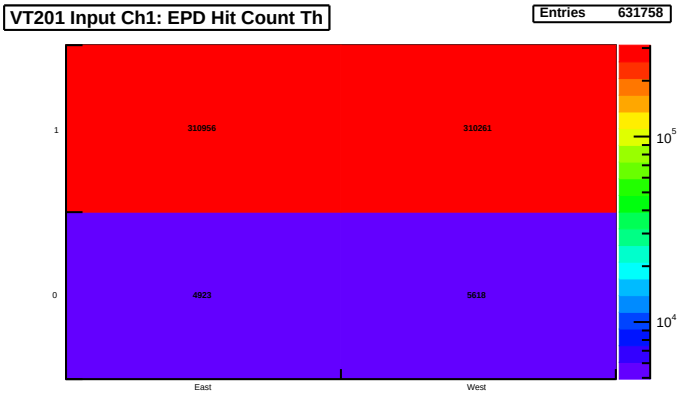

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

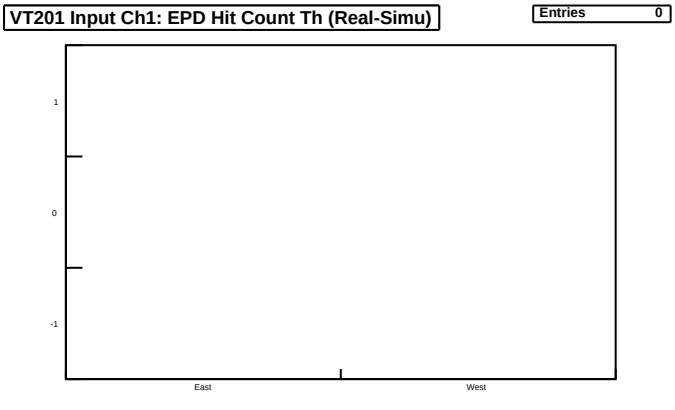

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 631758
237399
269875
78480
46004
East
West

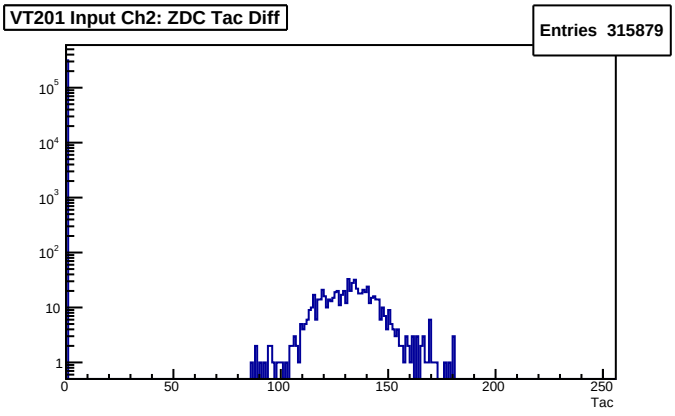

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

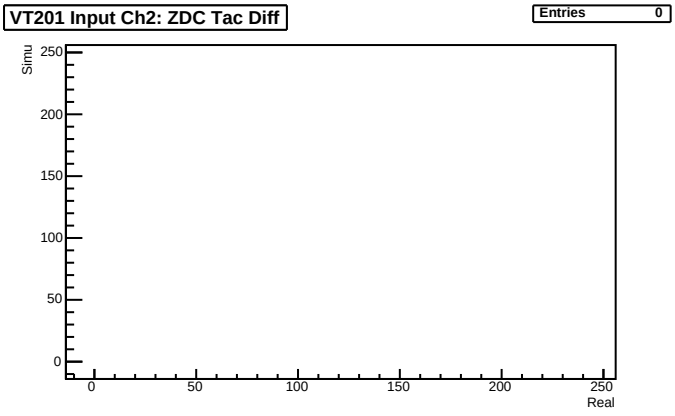

VT201 Input Ch1: EPD Tac Diff
Entries 315879
Tac

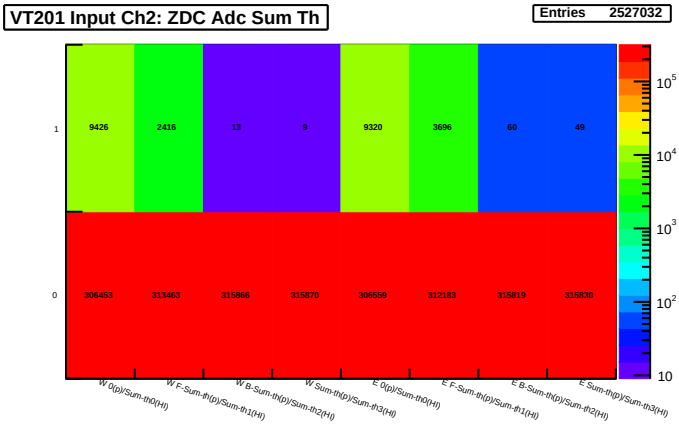

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

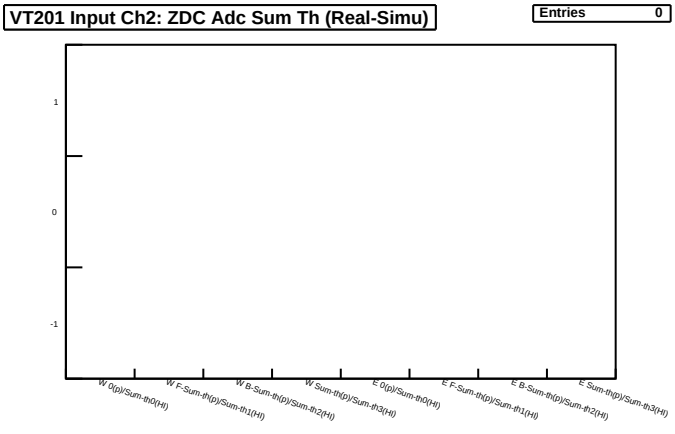

VT201 Input Ch1: EPD Hit Count Th
Entries 631758
310956
310261
4923
5618
East
West

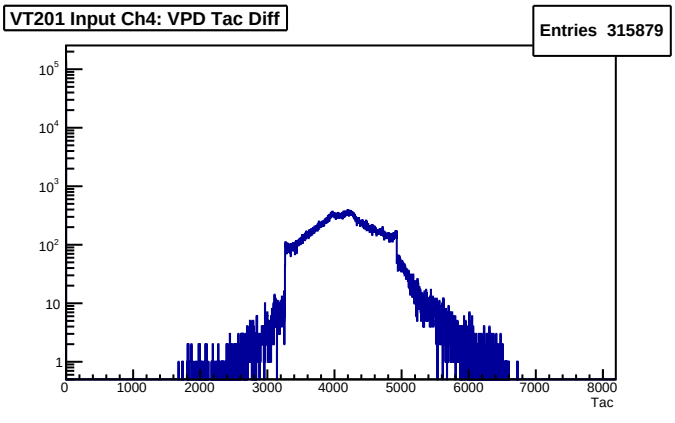

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

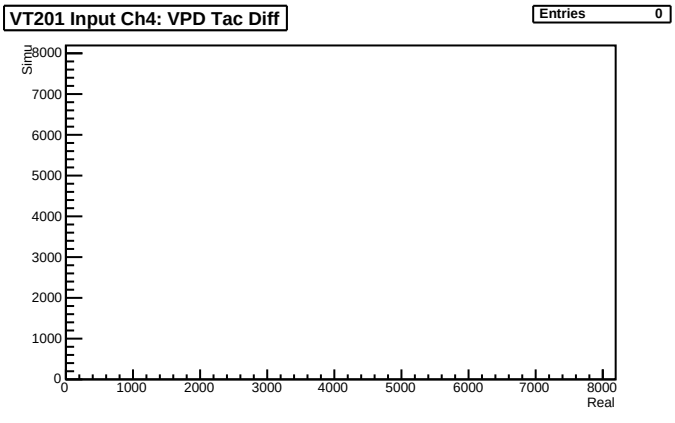

VT201 Input Ch2: ZDC Tac Diff
Entries 315879
Tac

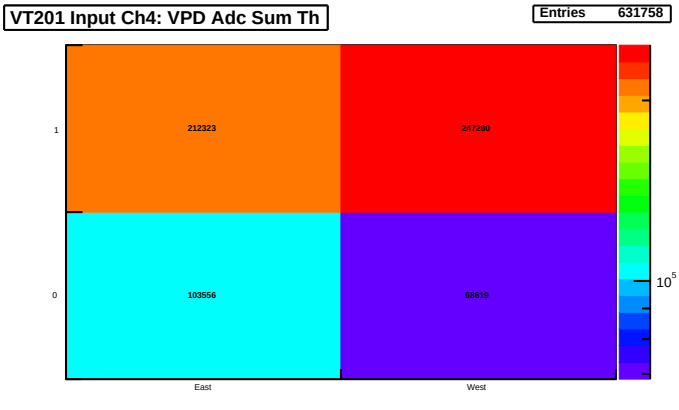

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

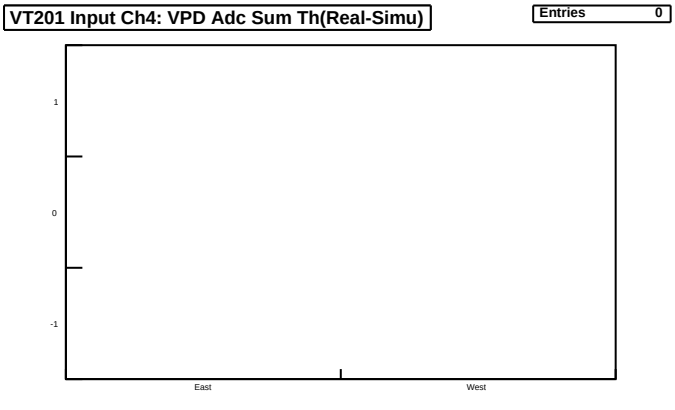

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2527032
9426
2416
13
9
9320
3696
60
49
306453
313463
315866
315870
306559
312183
315819
315830
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

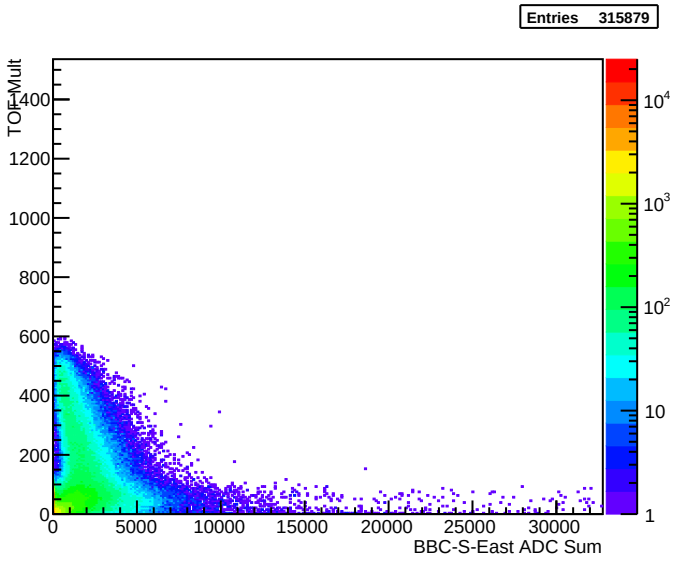

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

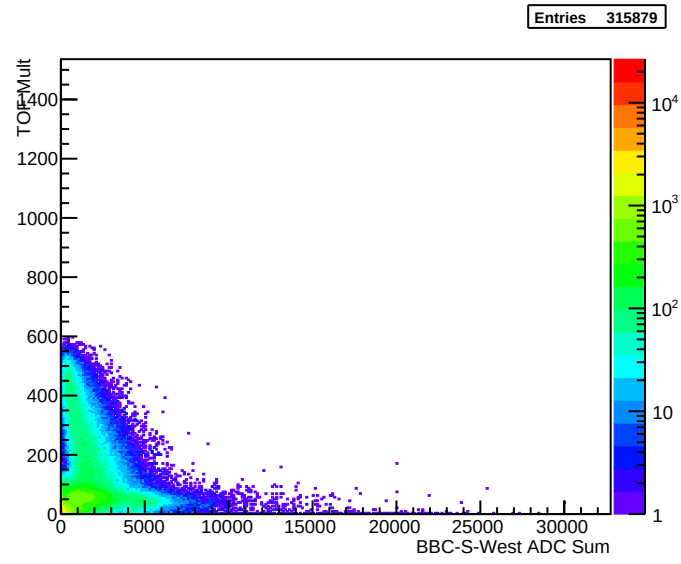

VT201 Input Ch4: VPD Tac Diff
Entries 315879
Tac

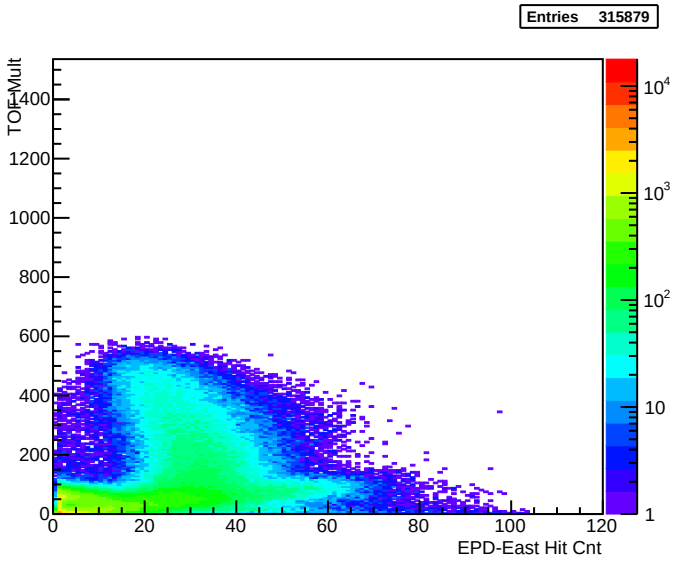

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

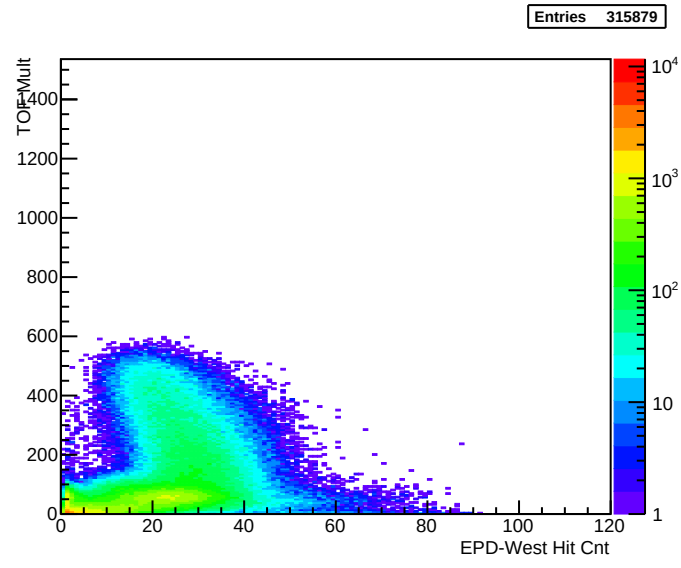

VT201 Input Ch4: VPD Adc Sum Th
Entries 631758
212323
247260
103556
68619
East
West

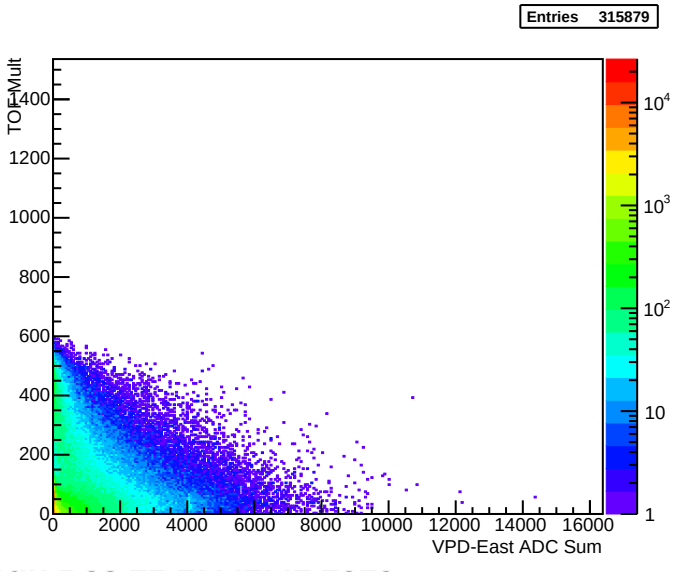

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

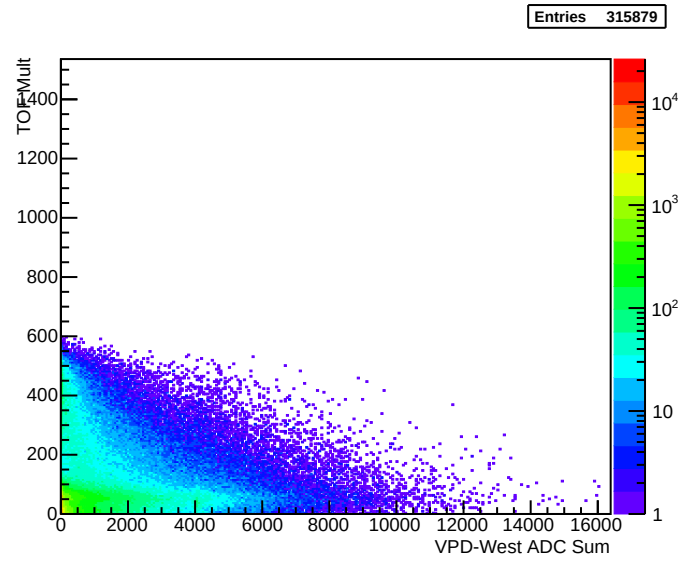

Entries 315879
TOF-Mult
BBC-S-East ADC Sum

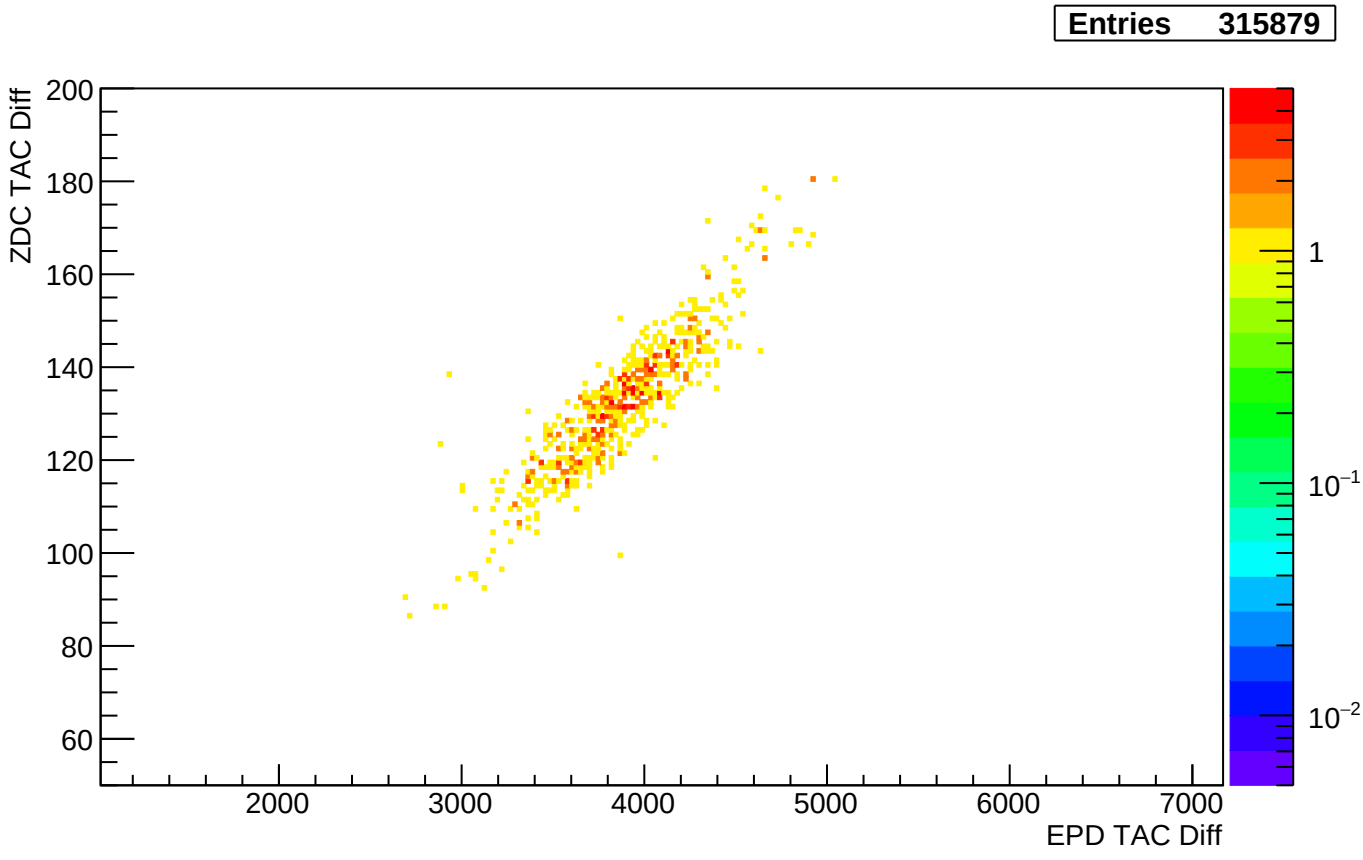

Entries 315879
TOF-Mult
BBC-S-West ADC Sum

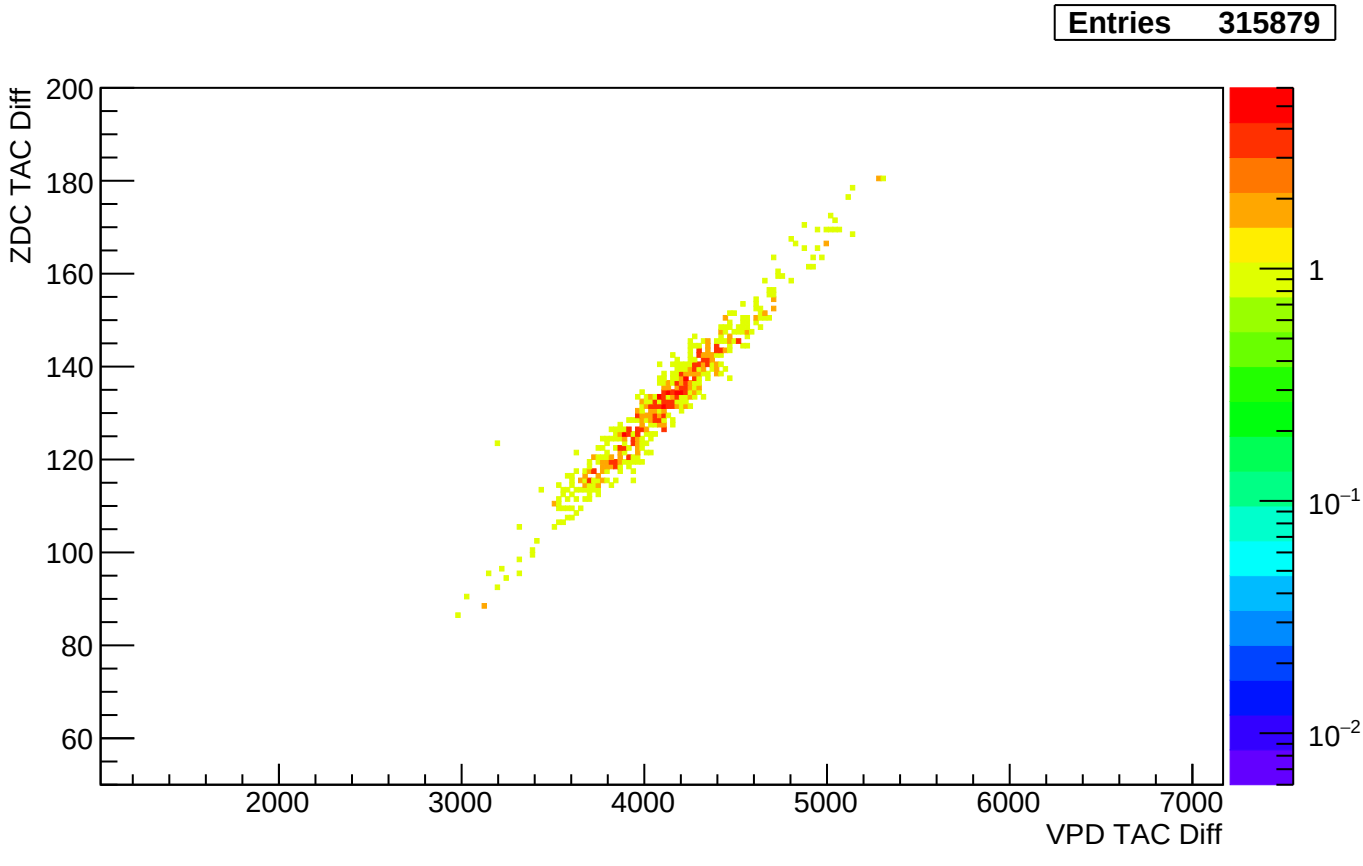

Entries 315879
TOF-Mult
EPD-East Hit Cnt

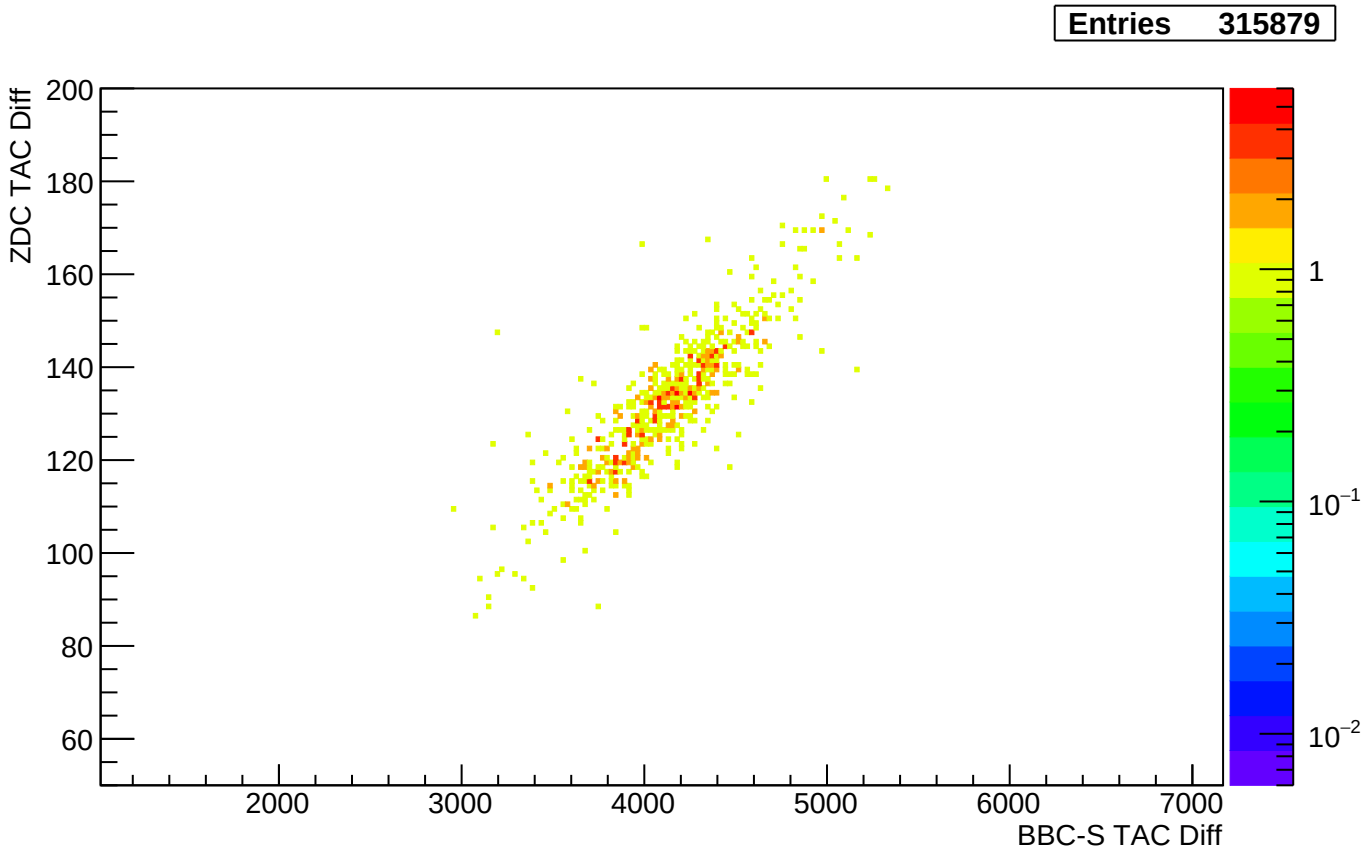

Entries 315879
TOF-Mult
EPD-West Hit Cnt

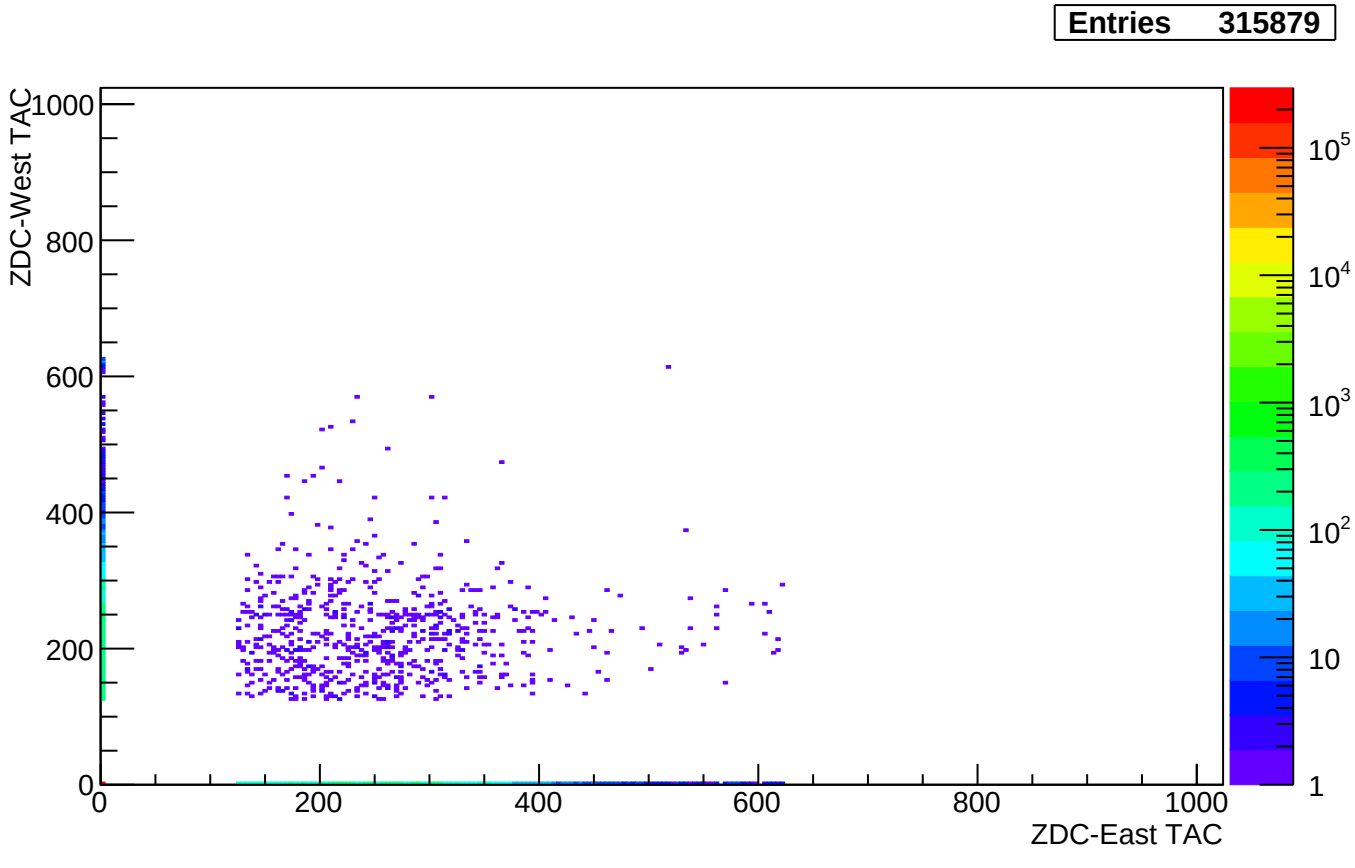

Entries 315879
TOF-Mult
VPD-East ADC Sum

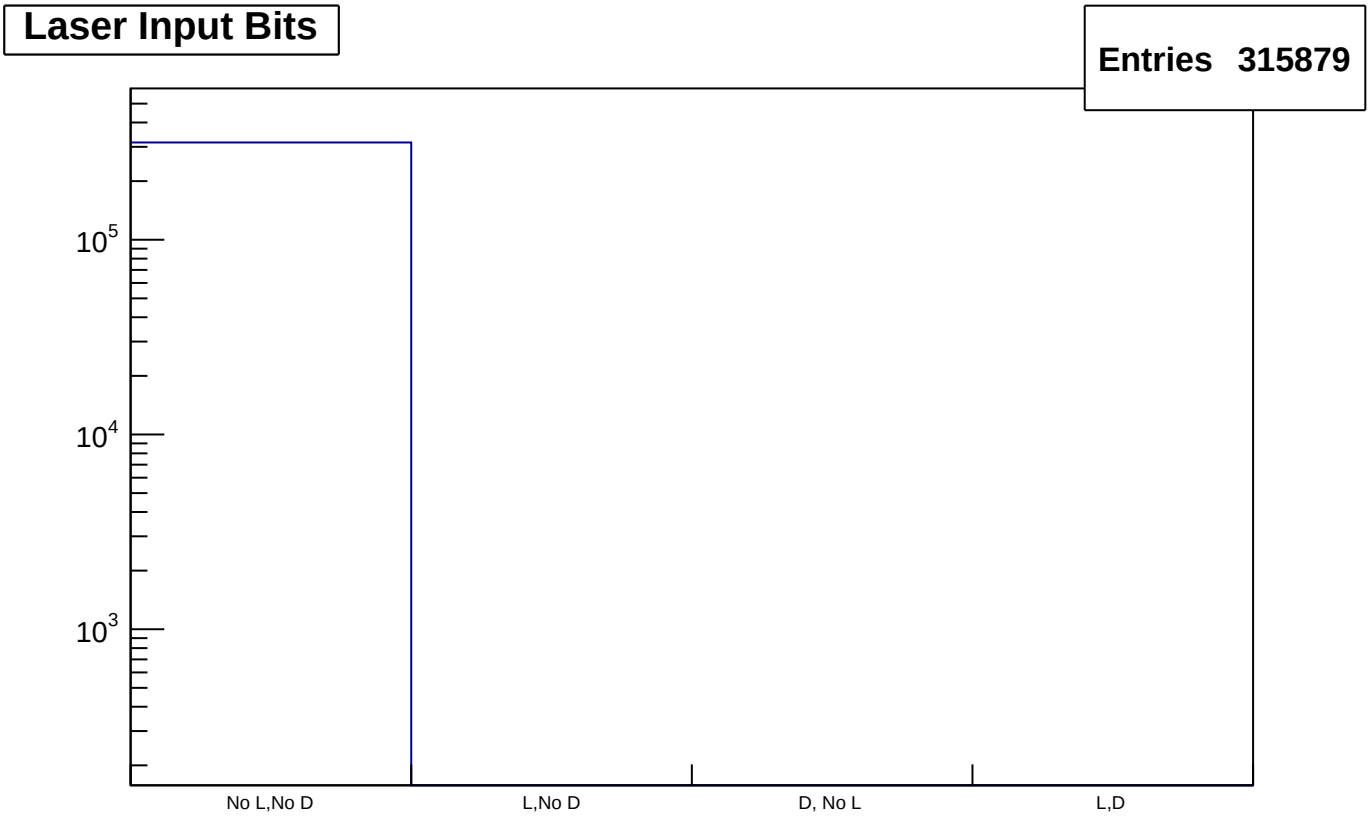

Entries 315879
TOF-Mult
VPD-West ADC Sum

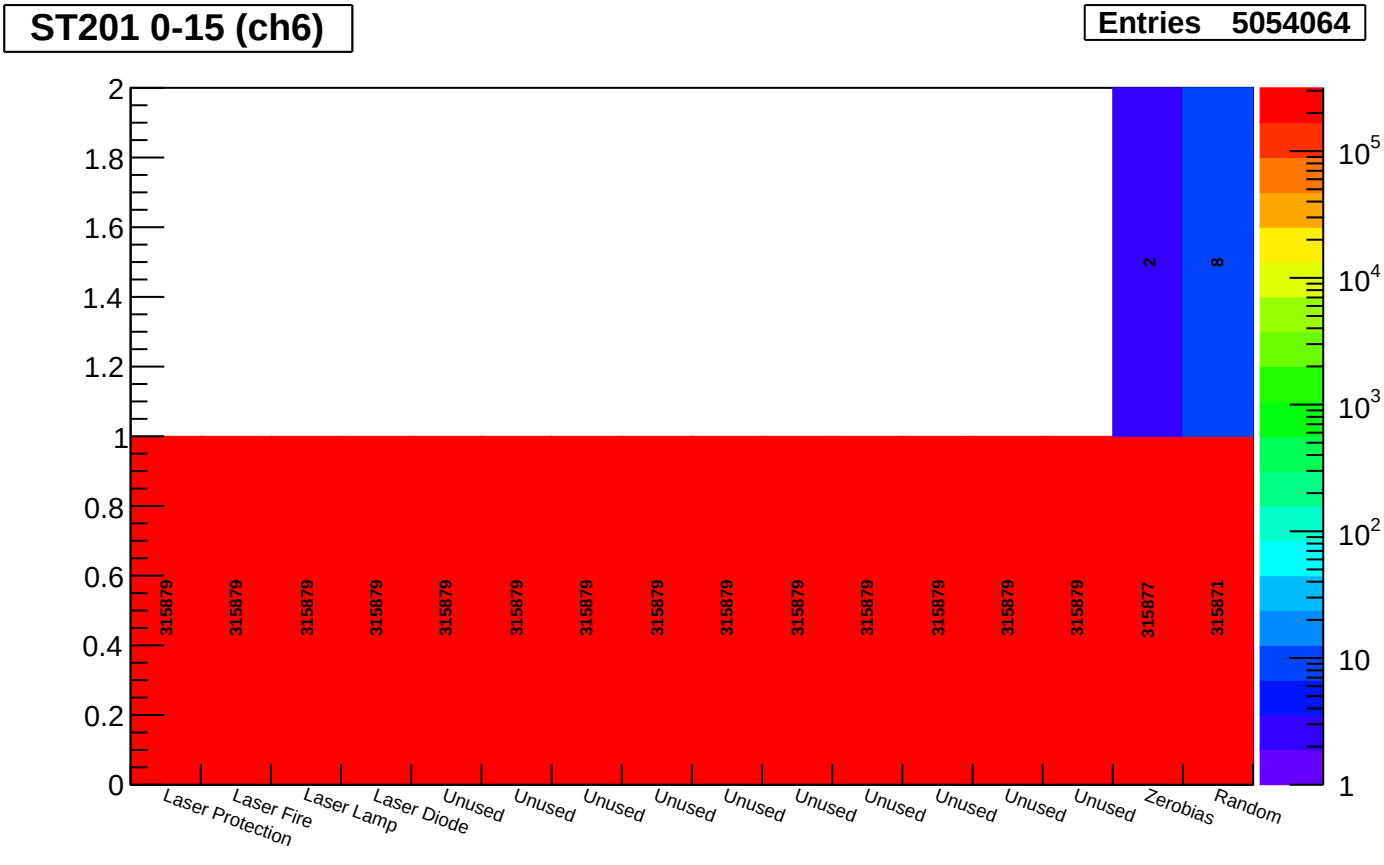

Entries 315879
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

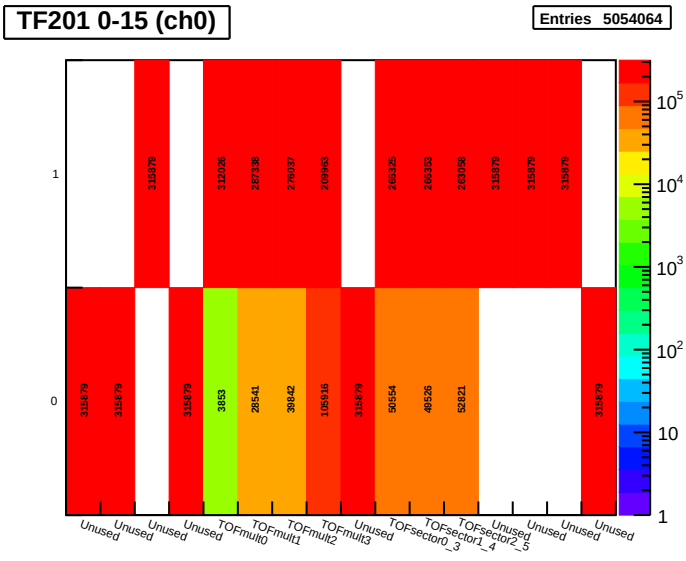

Entries 315879
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

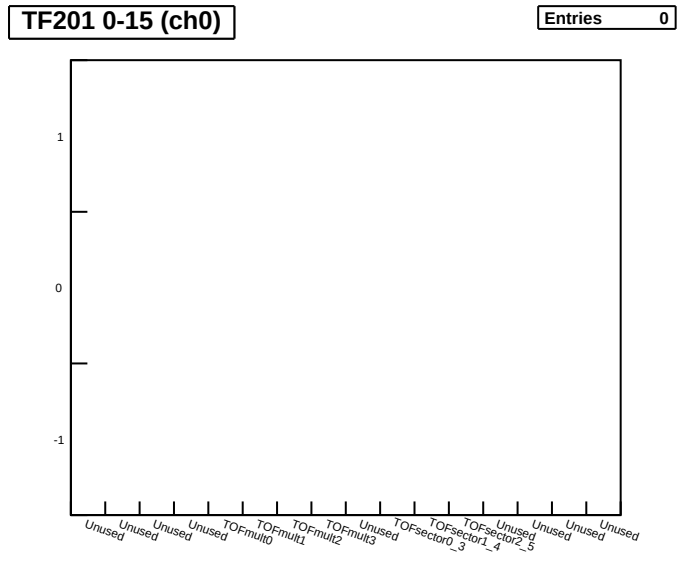

Entries 315879
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

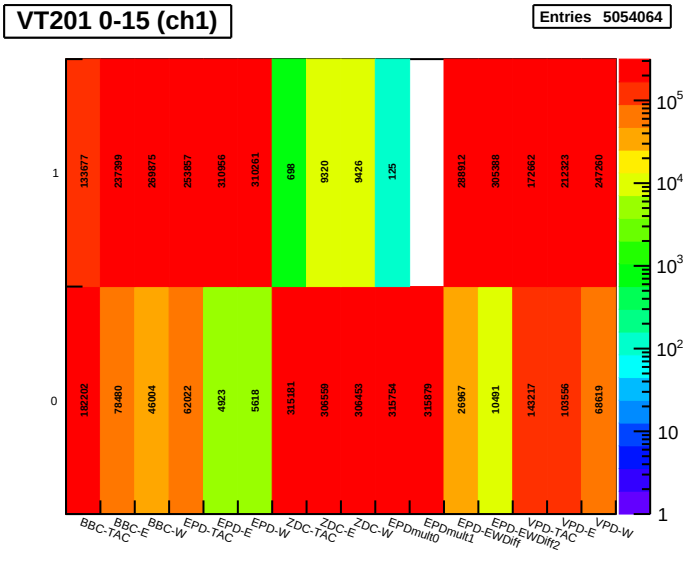

Entries 315879
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

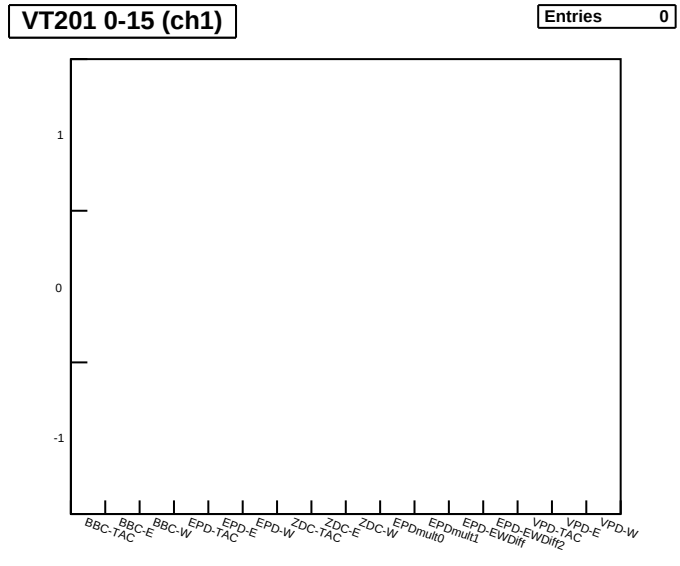

Laser Input Bits
Entries 315879
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

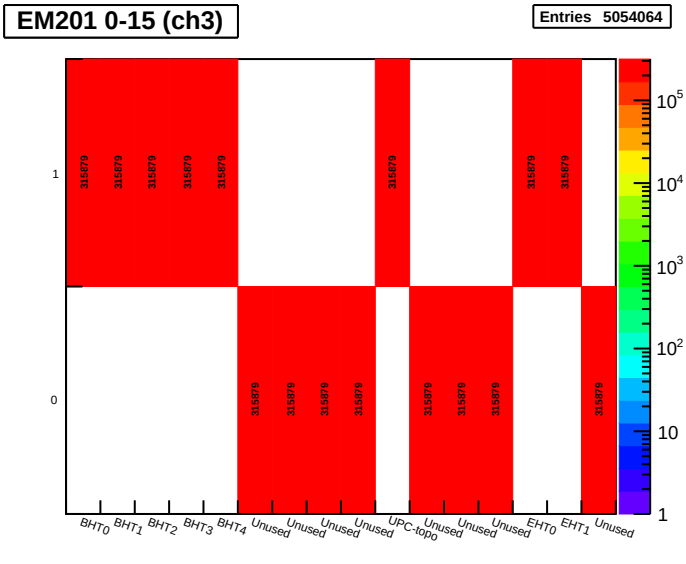

ST201 0-15 (ch6)
Entries 5054064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315877
315871
2
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

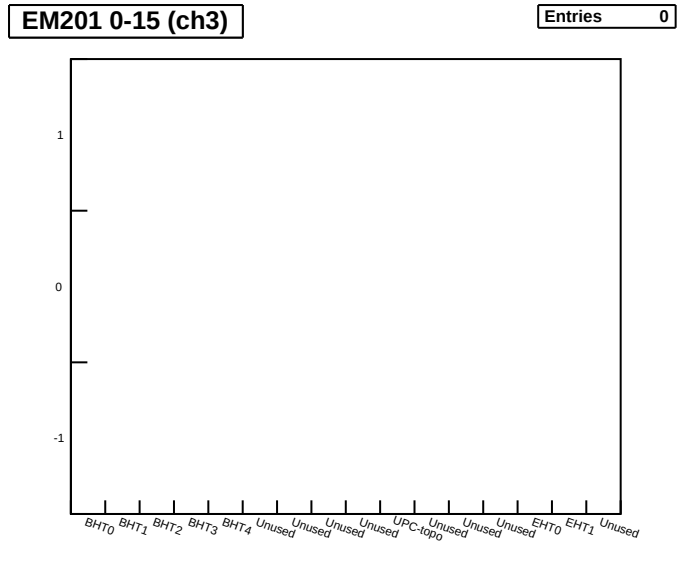

TF201 0-15 (ch0)
Entries 5054064
1
0
315879
312026
297338
276037
209963
265325
266353
263058
315879
315879
315879
315879
315879
315879
3853
29541
39842
105916
315879
50554
49526
52821
315879
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 5054064
1
0
133677
237399
269875
253857
310956
310261
698
9320
9426
125
288912
305388
172662
212323
247260
182202
78480
46004
62022
4923
5618
315181
306559
306453
315754
315879
26967
10491
143217
103556
68619
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
1
10
10^2
10^3
10^4
10^5


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 5054064
1
0
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
315879
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


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