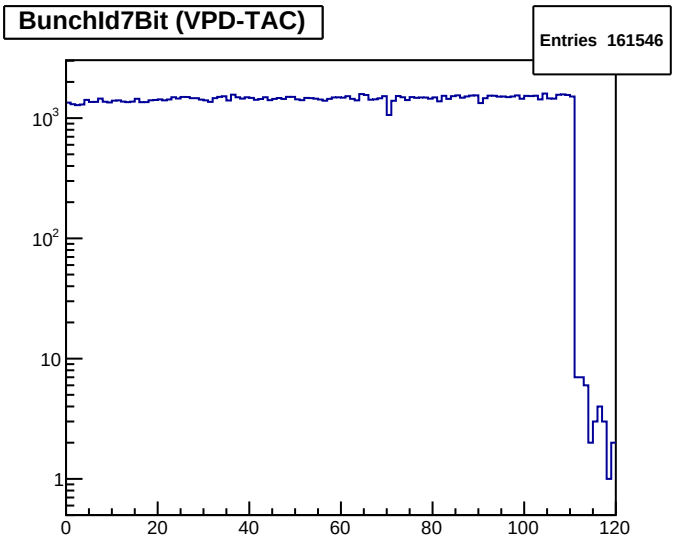
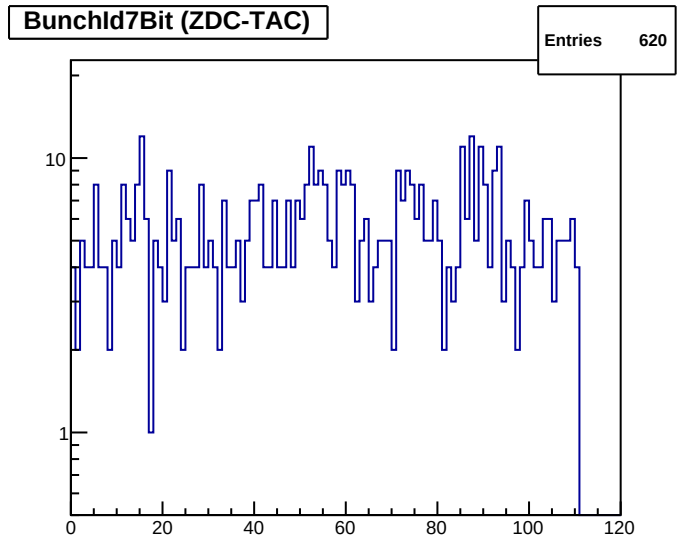
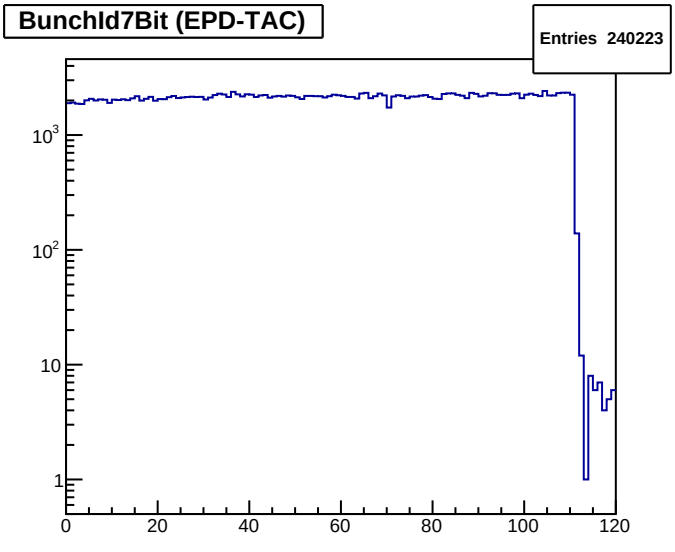
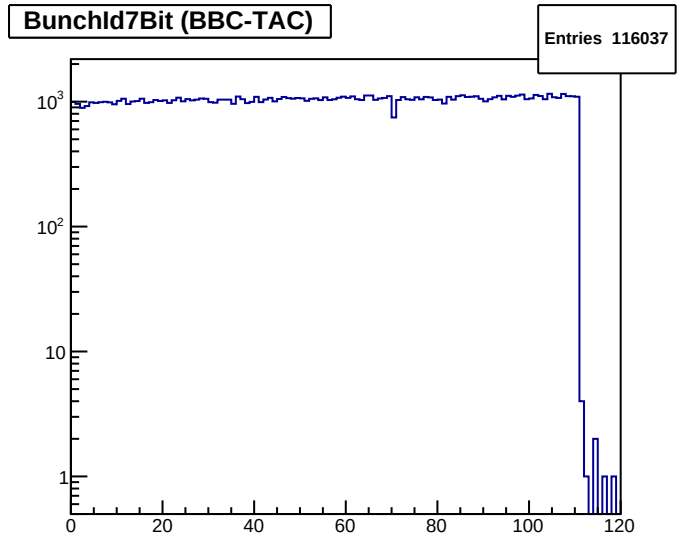
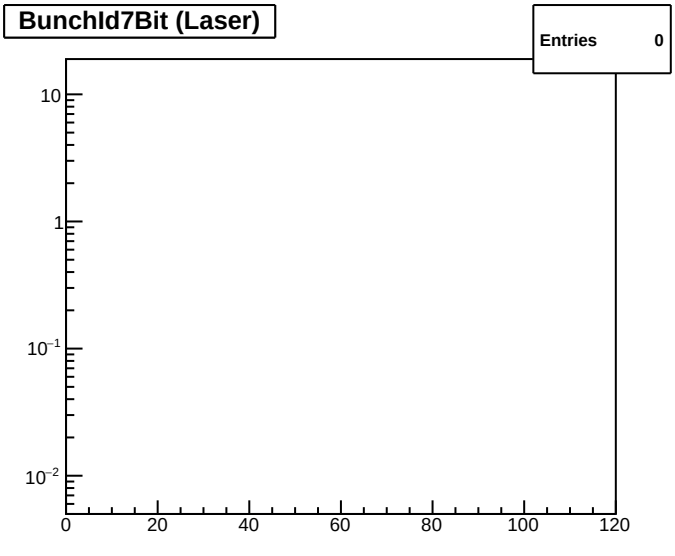
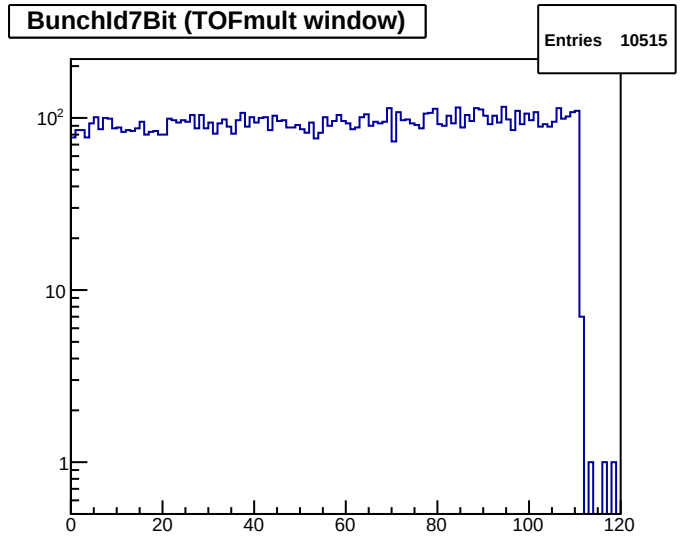

BunchId7Bit (VPD-TAC)
Entries 161546

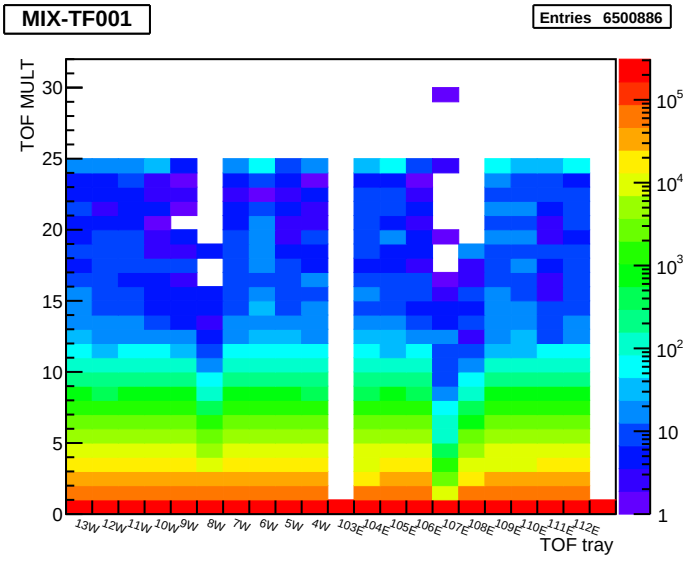

BunchId7Bit (ZDC-TAC)
Entries 620

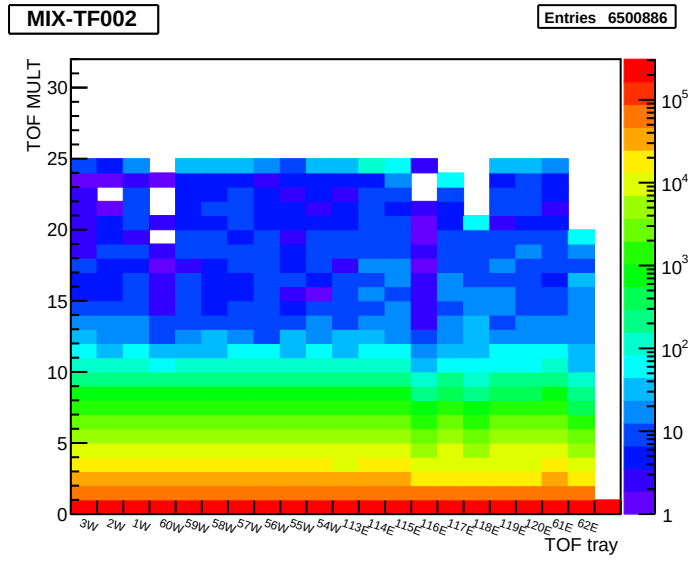

BunchId7Bit (EPD-TAC)
Entries 240223

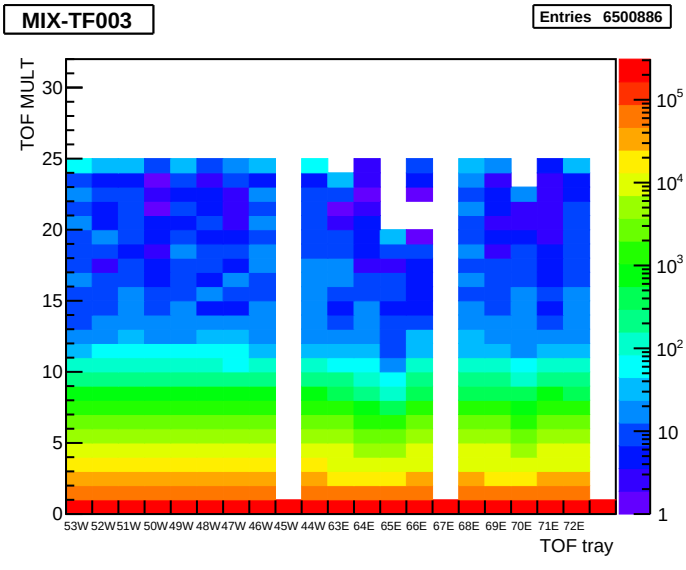

BunchId7Bit (BBC-TAC)
Entries 116037

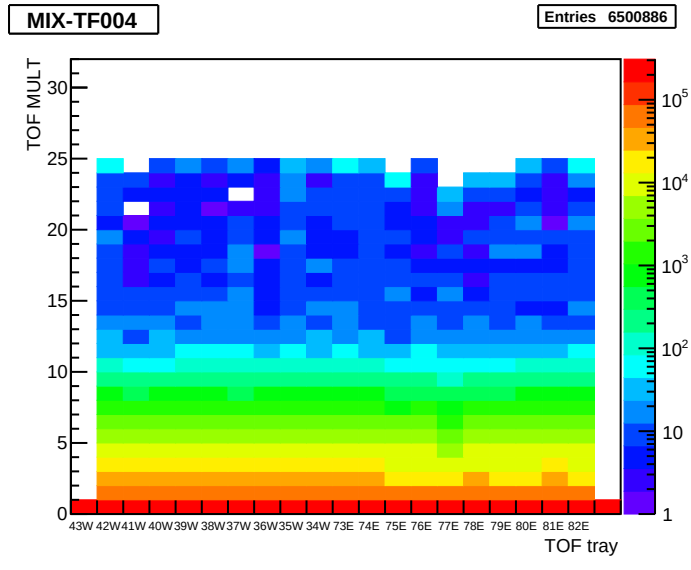

BunchId7Bit (Laser)
Entries 0

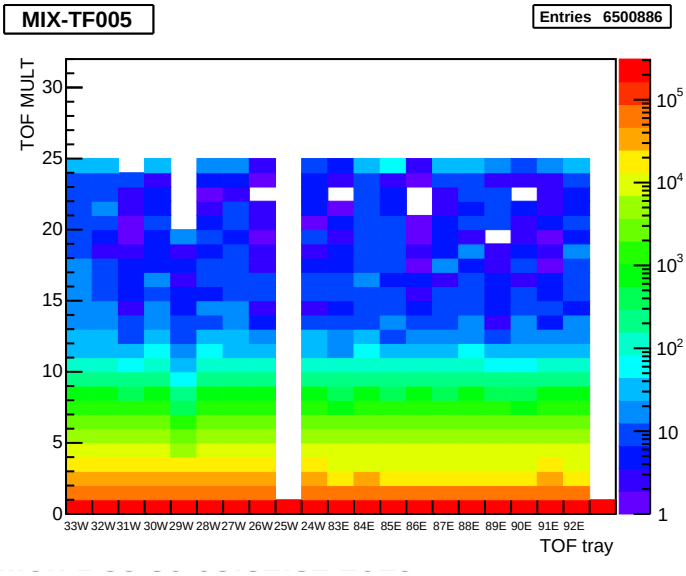

BunchId7Bit (TOFmult window)
Entries 10515

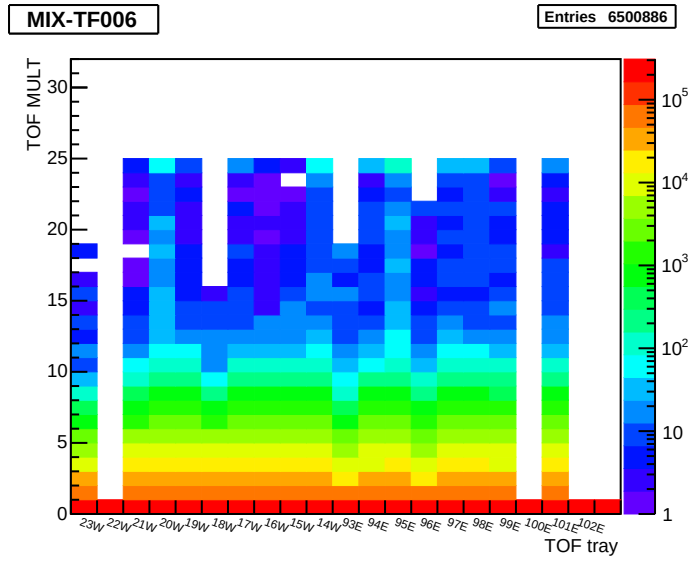

MIX-TF001
Entries 6500886
TOF MULT
TOF tray

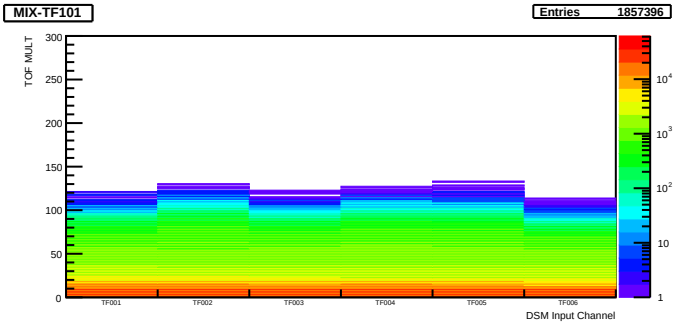

MIX-TF002
Entries 6500886
TOF MULT
TOF tray

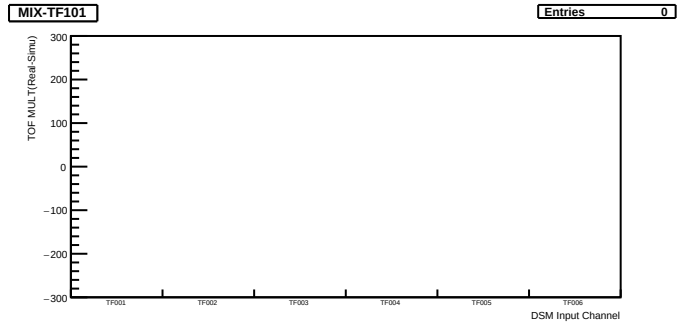

MIX-TF003
Entries 6500886
TOF MULT
TOF tray

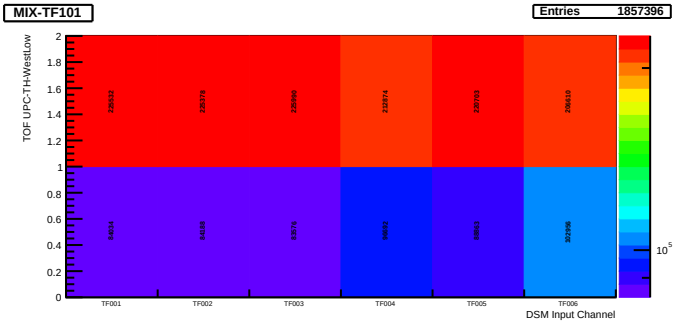

MIX-TF004
Entries 6500886
TOF MULT
TOF tray

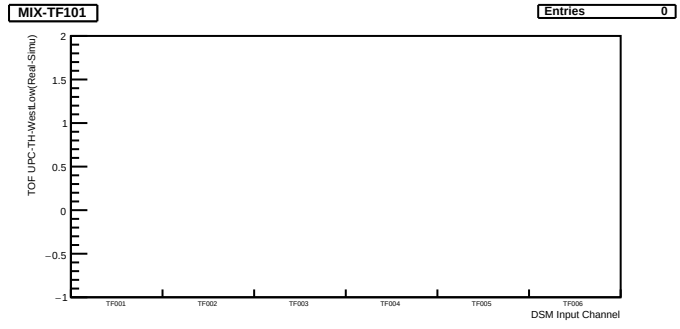

MIX-TF005
Entries 6500886
TOF MULT
TOF tray

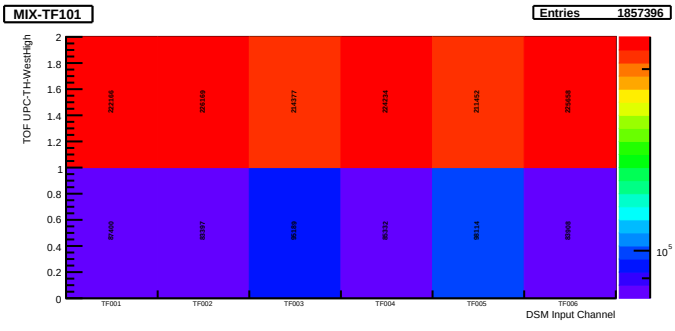

MIX-TF006
Entries 6500886
TOF MULT
TOF tray

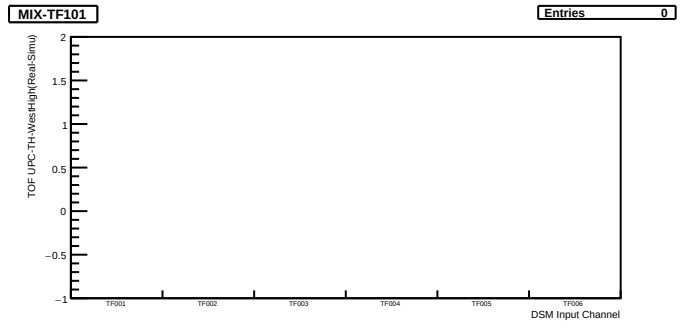

MIX-TF101
Entries 1857396
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

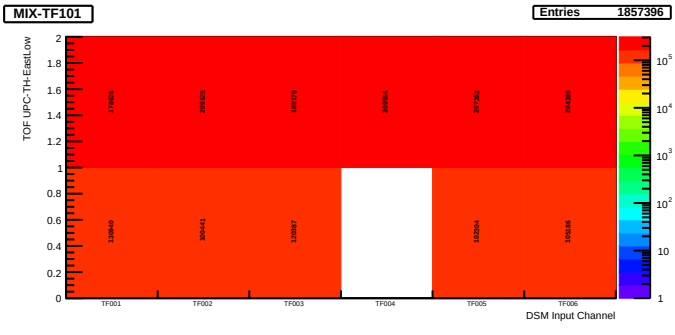

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

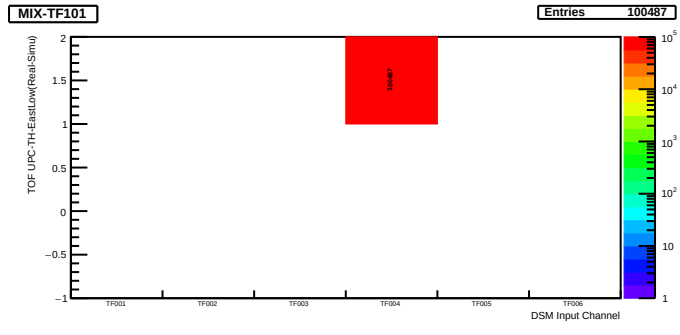

MIX-TF101
Entries 1857396
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

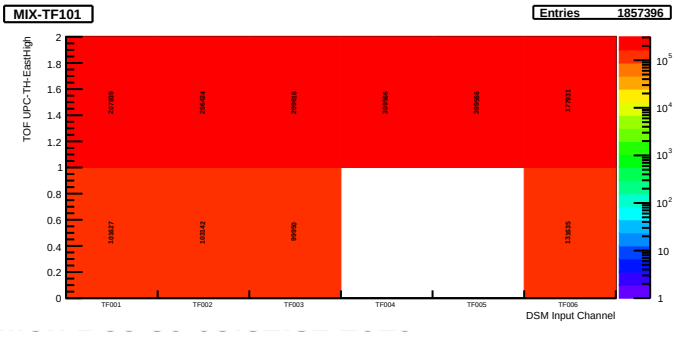

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

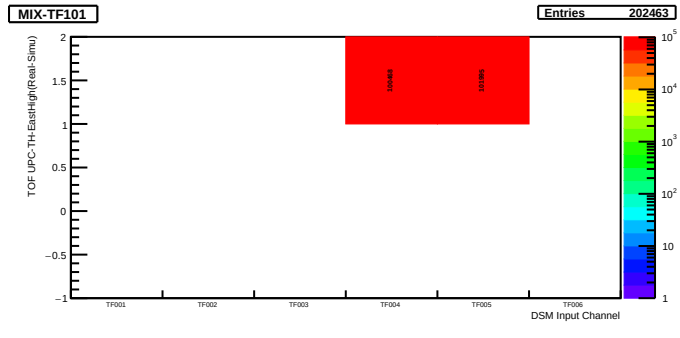

MIX-TF101
Entries 1857396
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

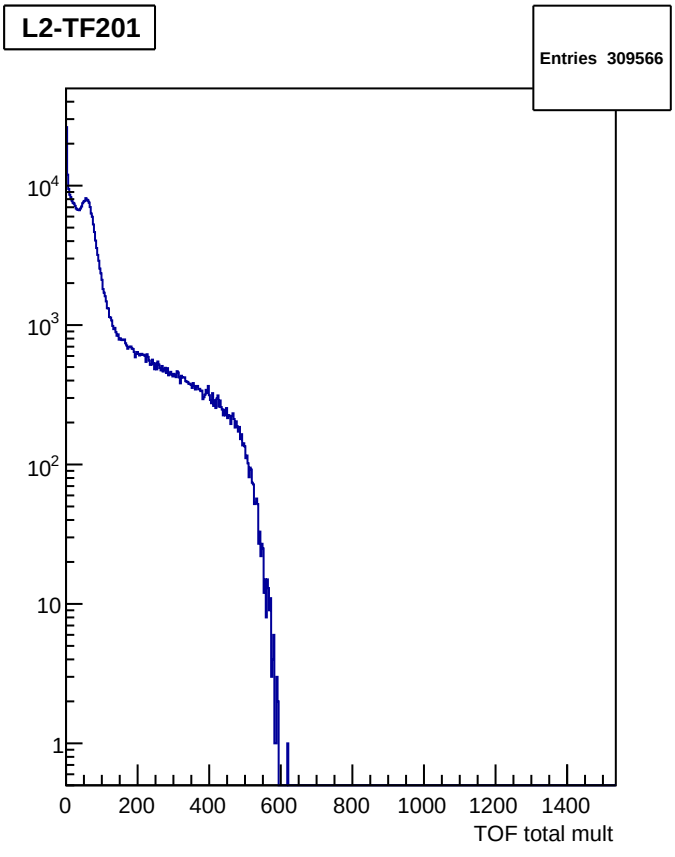

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

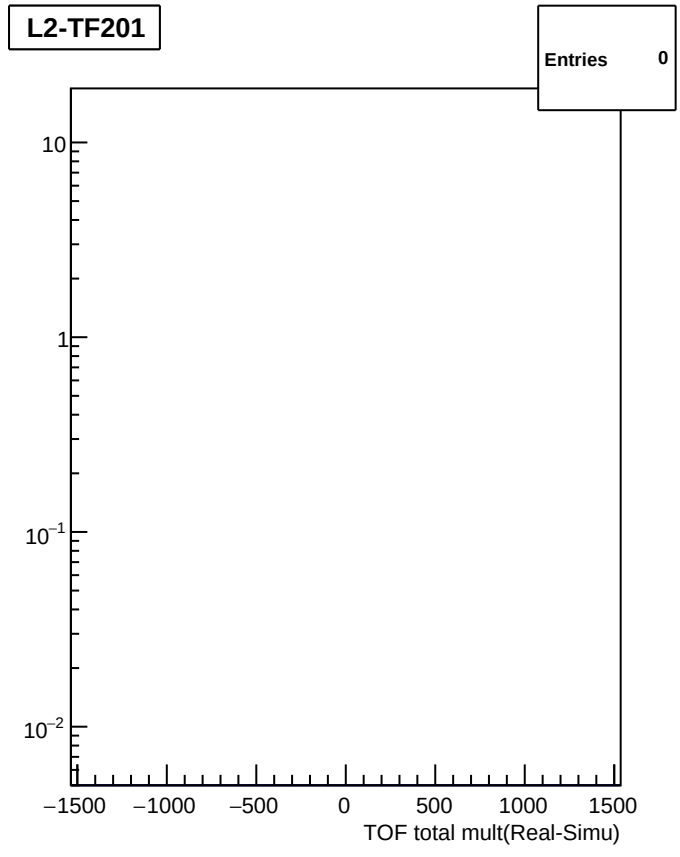

MIX-TF101
Entries 1857396
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

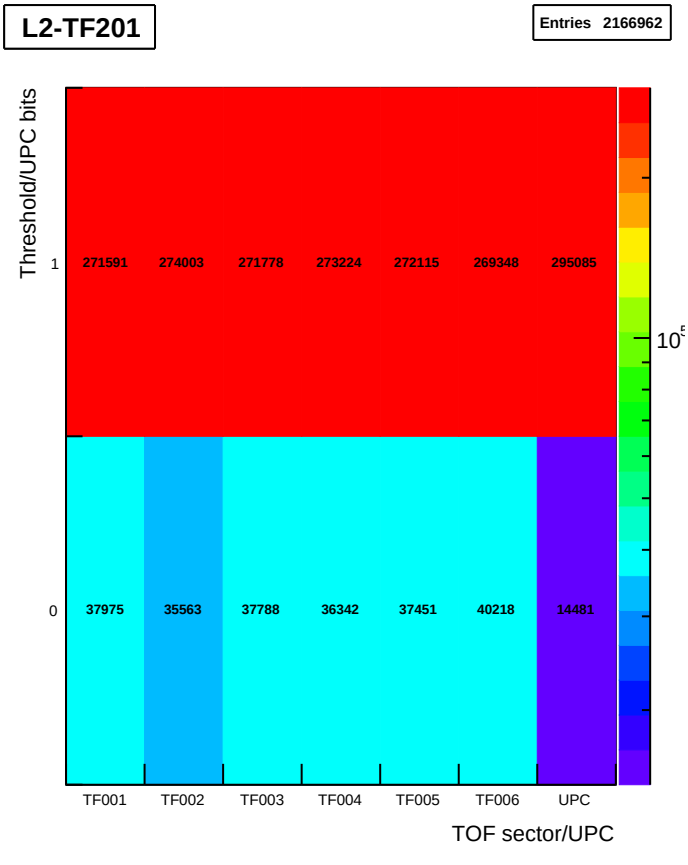

MIX-TF101
Entries 100487
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

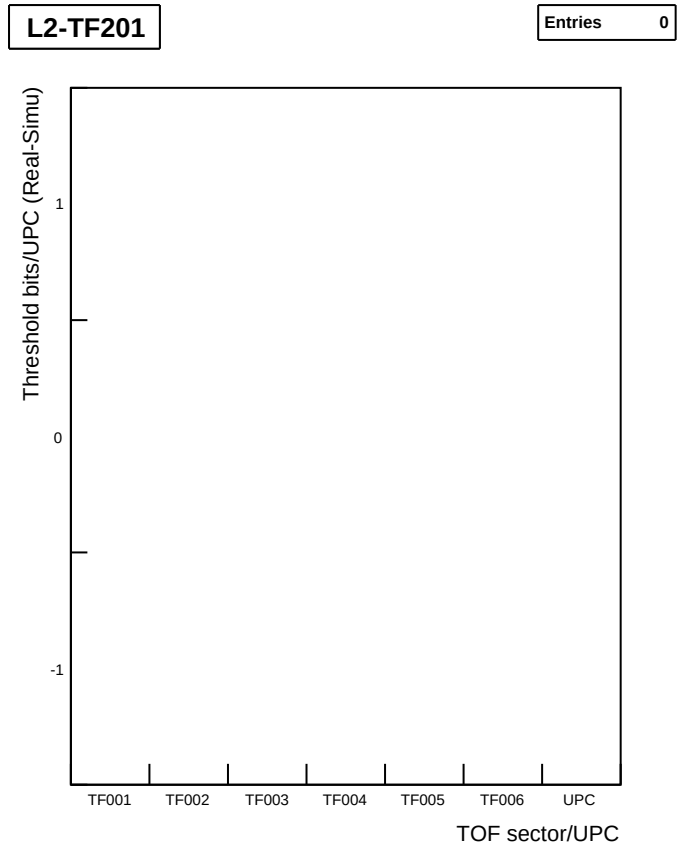

MIX-TF101
Entries 1857396
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

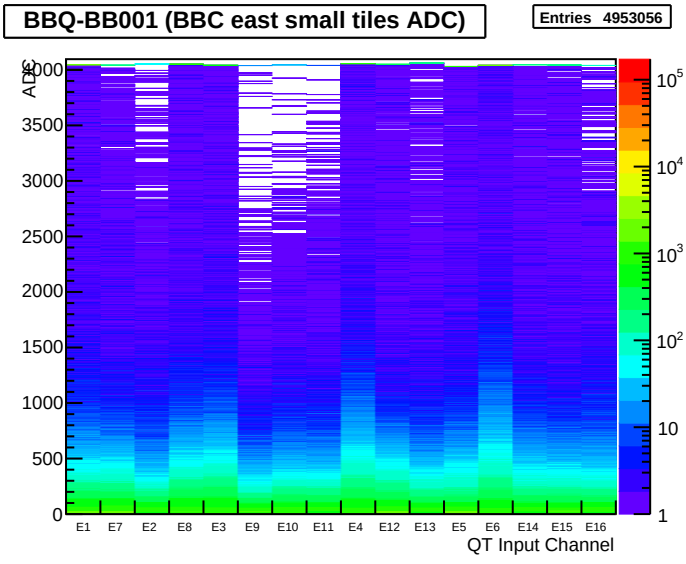

MIX-TF101
Entries 202463
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

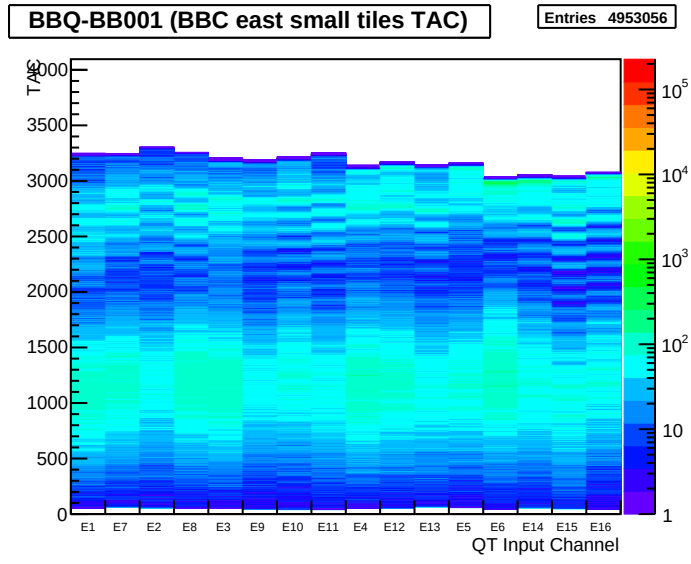

L2-TF201
Entries 309566
TOF total mult

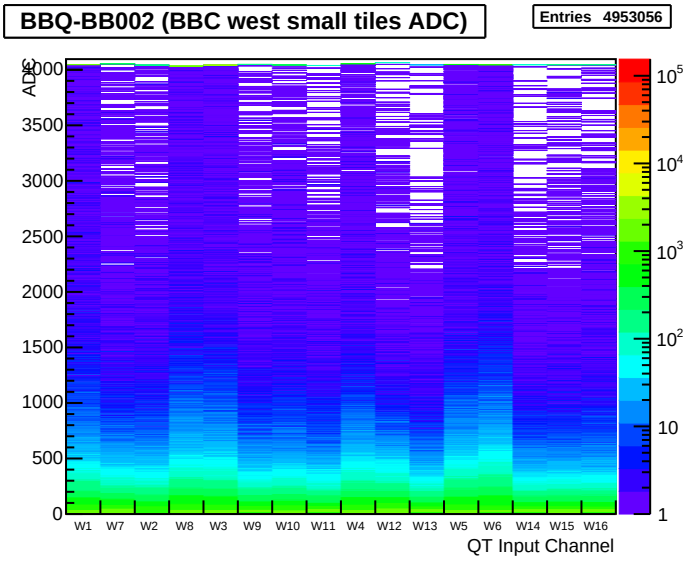

L2-TF201
Entries 0
TOF total mult(Real-Simu)

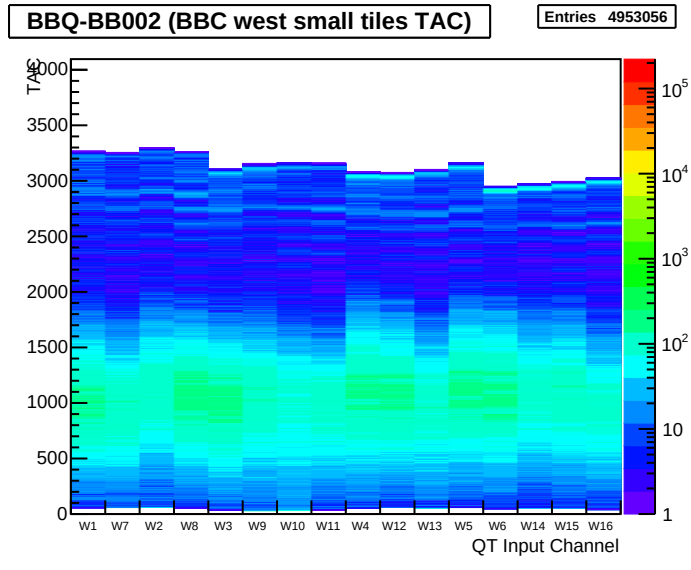

L2-TF201
Entries 2166962
Threshold/UPC bits
271591 274003 271778 273224 272115 269348 295085
37975 35563 37788 36342 37451 40218 14481
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

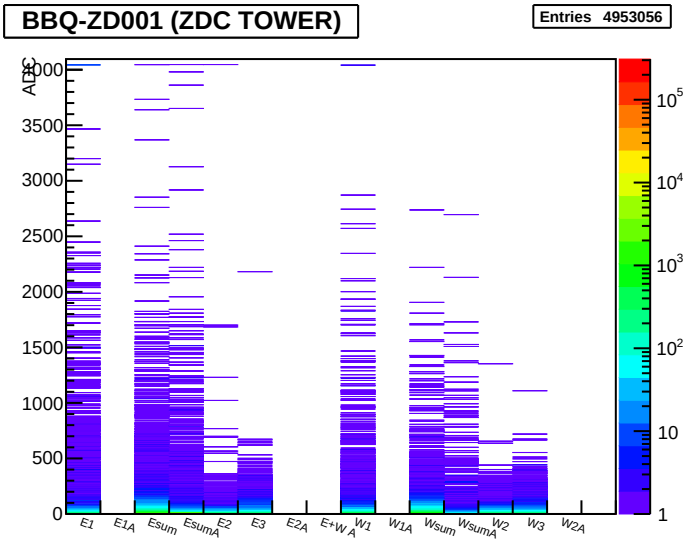

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

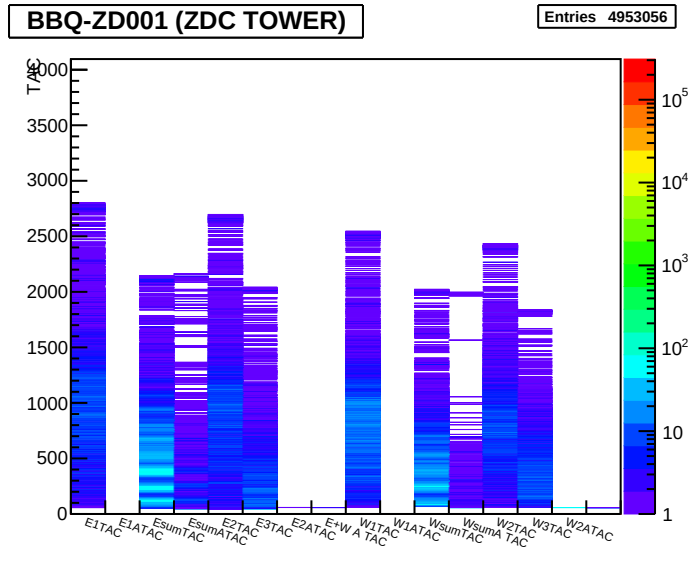

BBQ-BB001 (BBC east small tiles ADC)
Entries 4953056
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

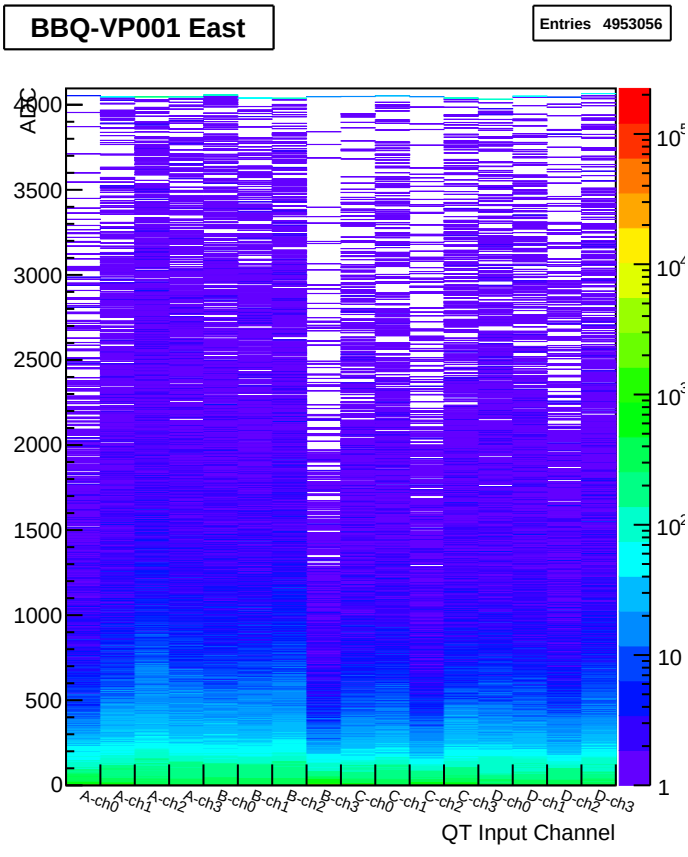

BBQ-BB001 (BBC east small tiles TAC)
Entries 4953056
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

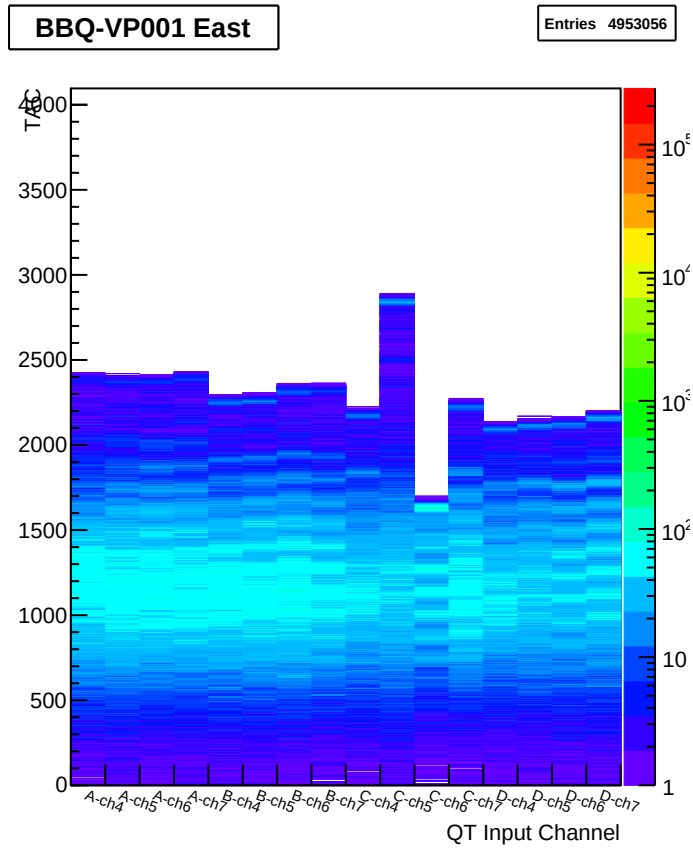

BBQ-BB002 (BBC west small tiles ADC)
Entries 4953056
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

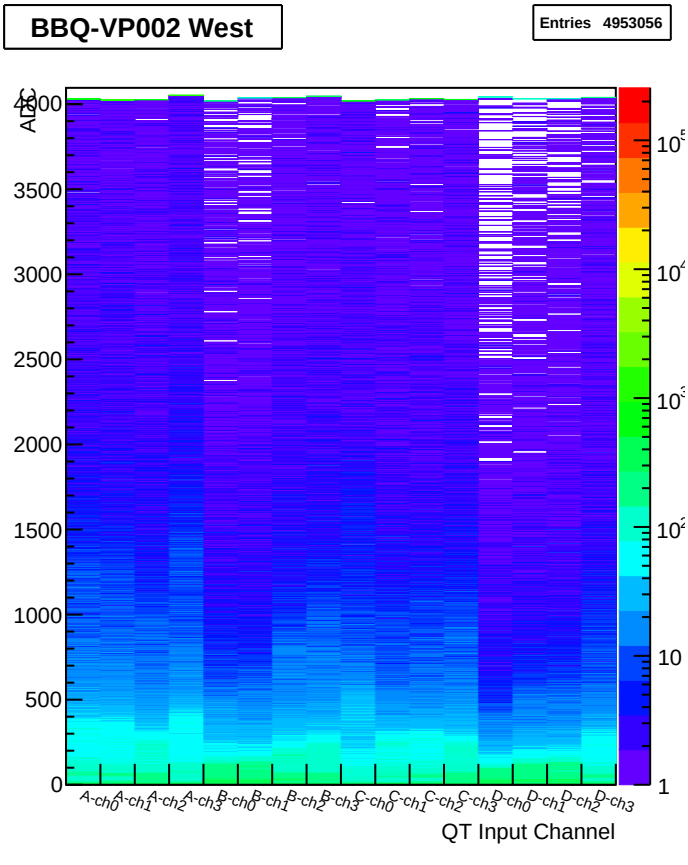

BBQ-BB002 (BBC west small tiles TAC)
Entries 4953056
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

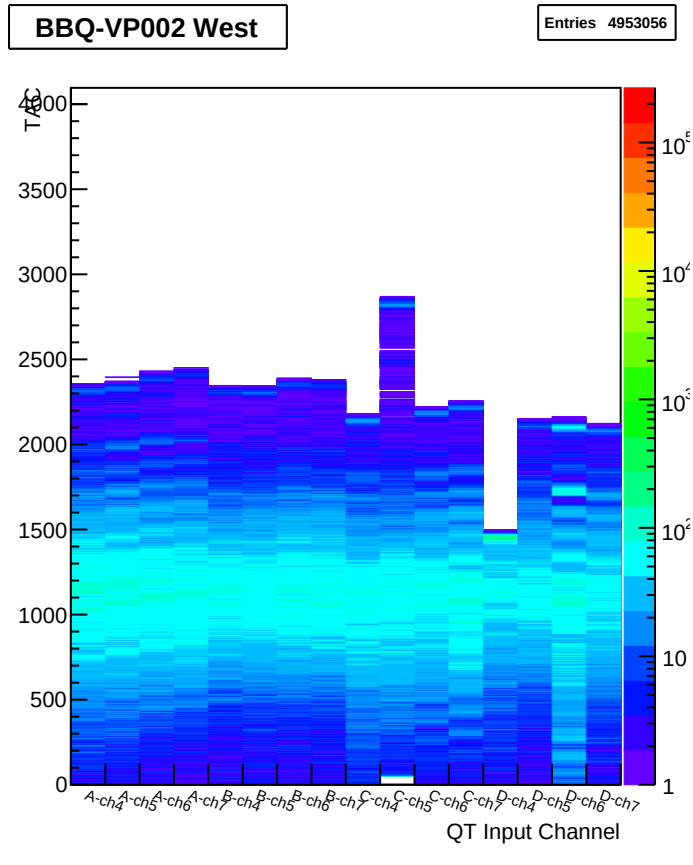

BBQ-ZD001 (ZDC TOWER)
Entries 4953056
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

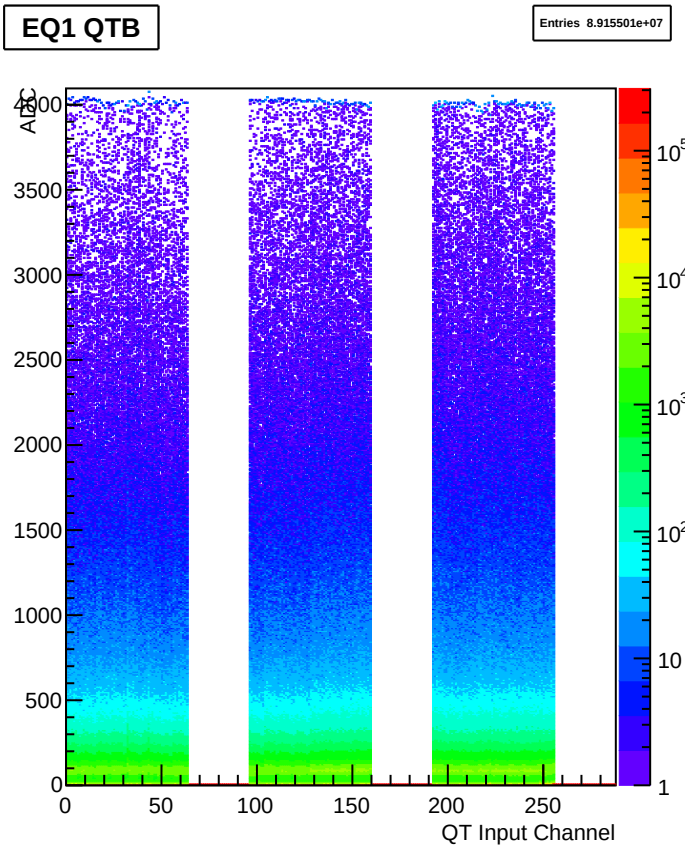

BBQ-ZD001 (ZDC TOWER)
Entries 4953056
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

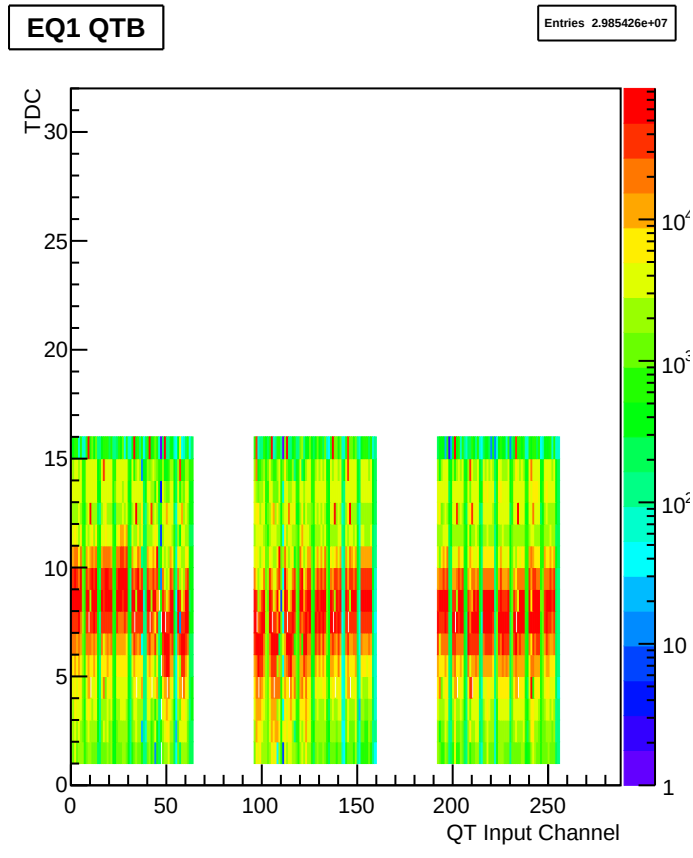

BBQ-VP001 East
Entries 4953056
ADC
QT Input Channel

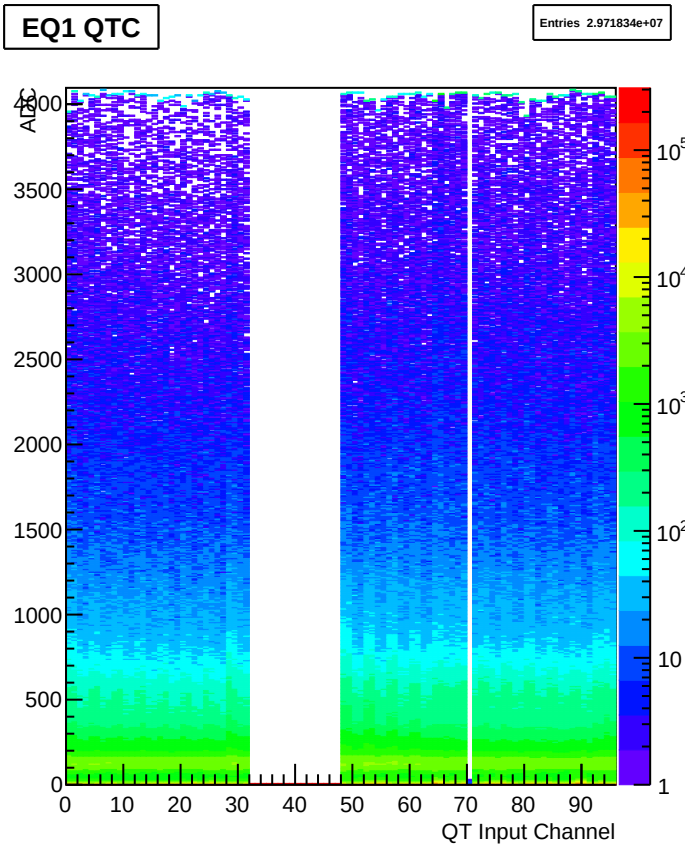

BBQ-VP001 East
Entries 4953056
TADC
QT Input Channel

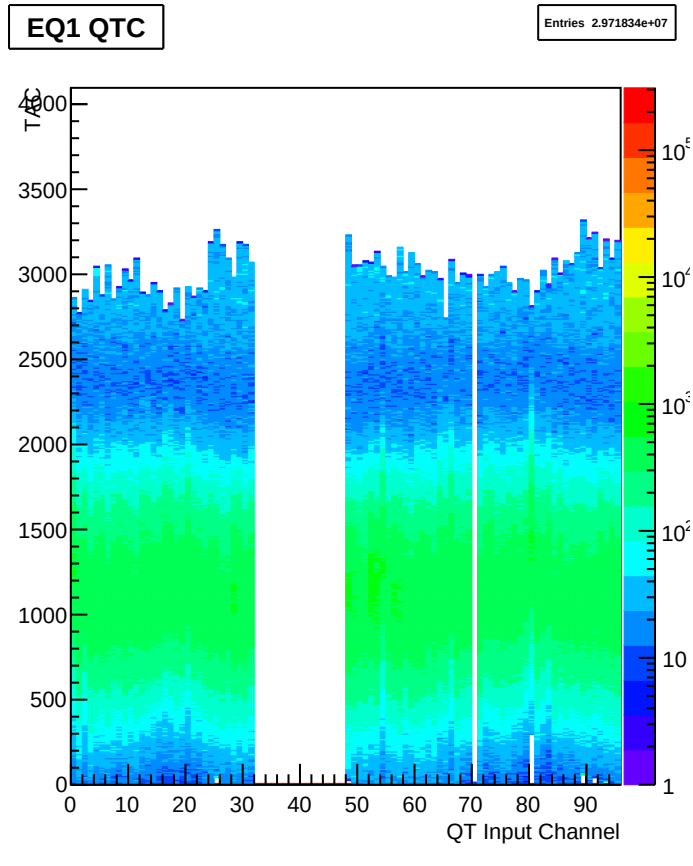

BBQ-VP002 West
Entries 4953056
ADC
QT Input Channel

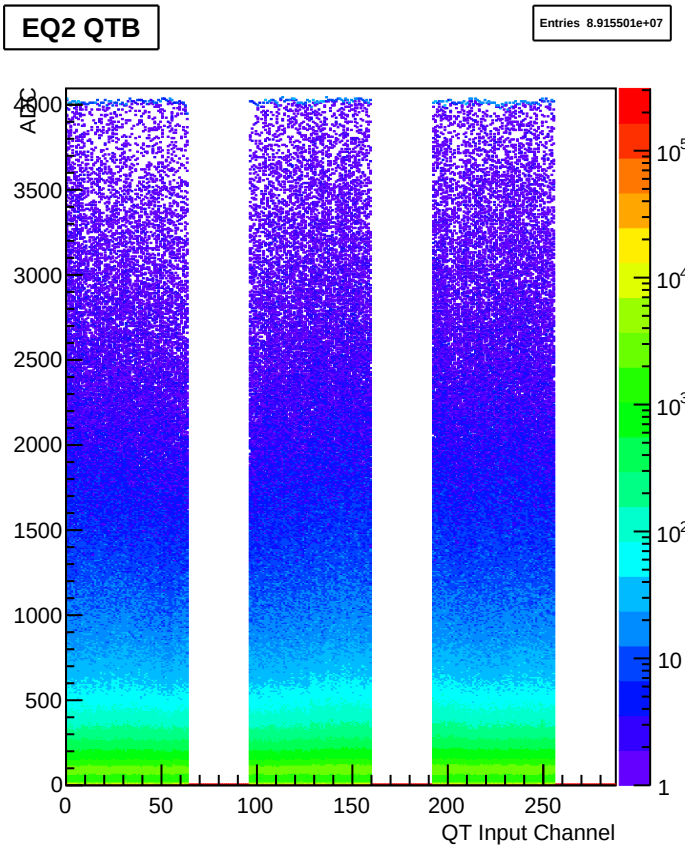

BBQ-VP002 West
Entries 4953056
TADC
QT Input Channel

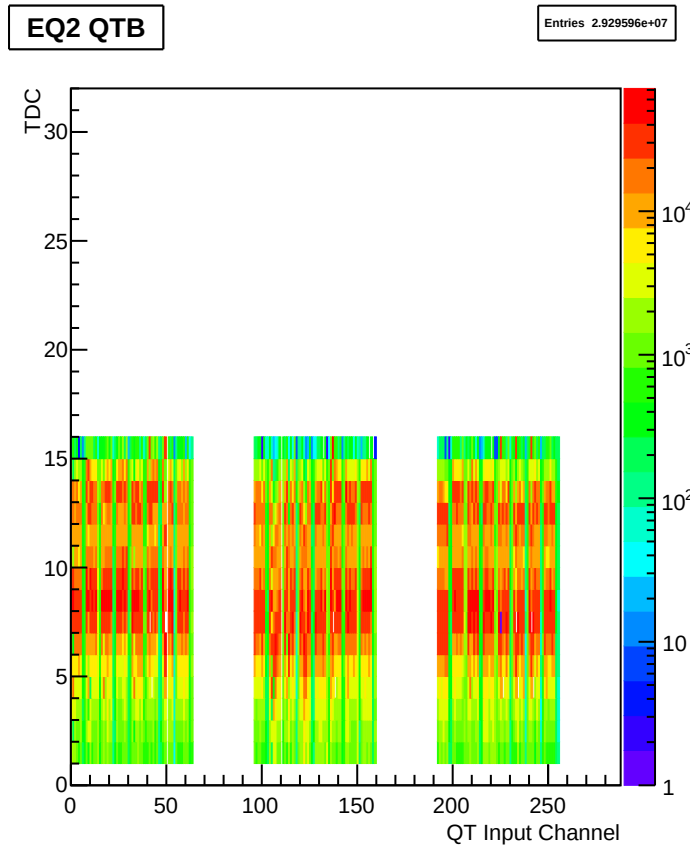

EQ1 QTB
Entries 8.915501e+07
ADC
QT Input Channel

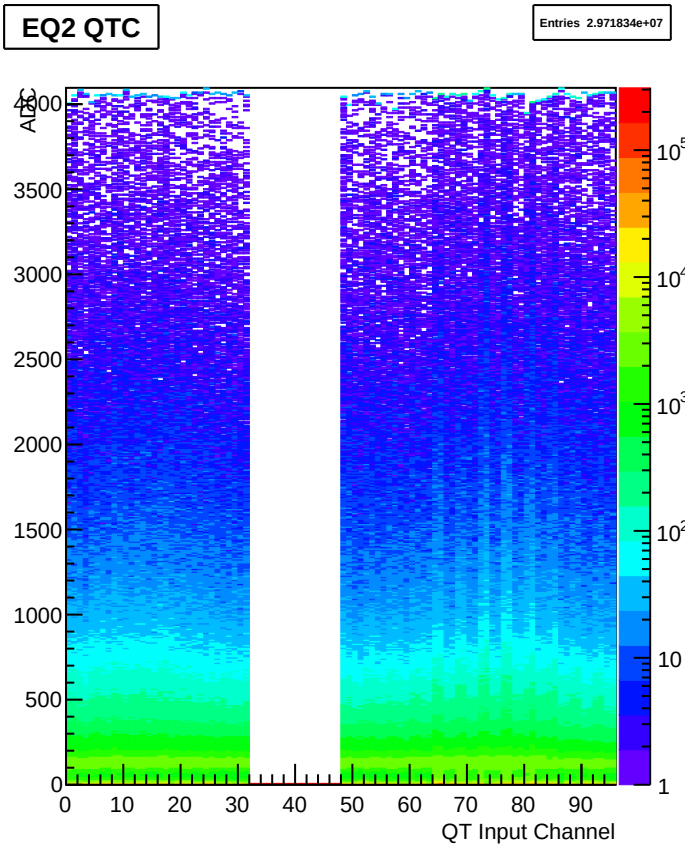

EQ1 QTB
Entries 2.985426e+07
TDC
QT Input Channel

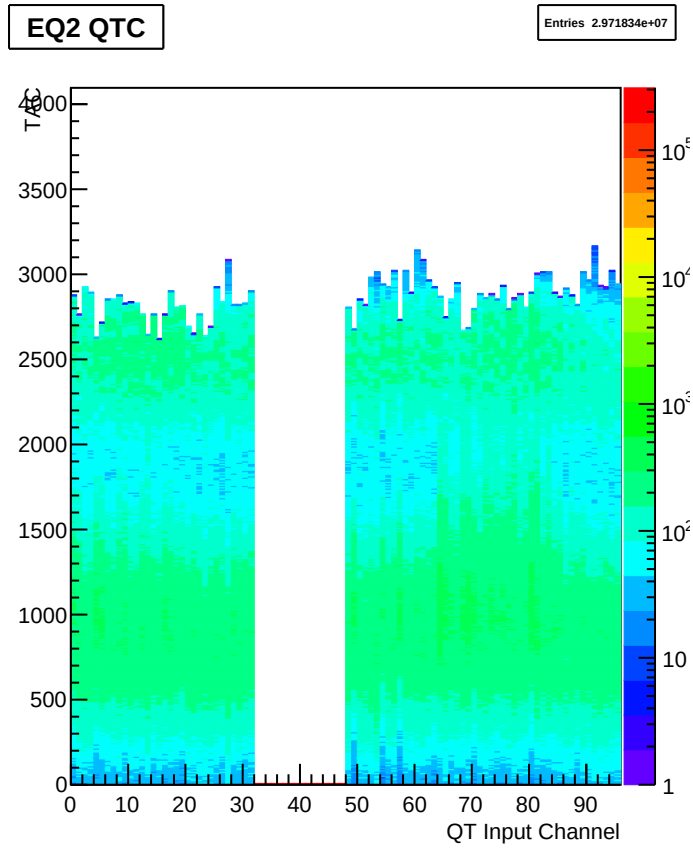

EQ1 QTC
Entries 2.971834e+07
ADC
QT Input Channel

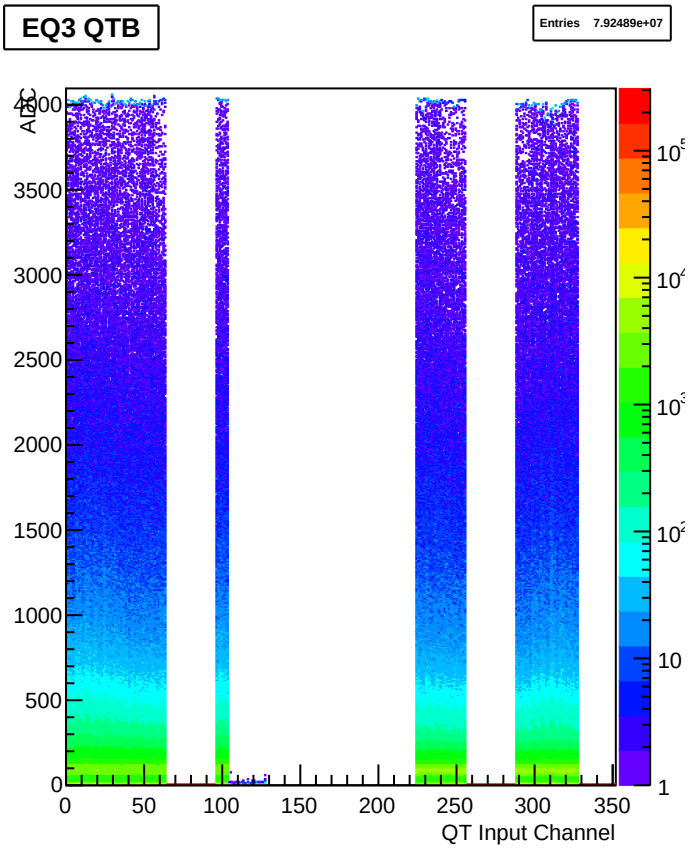

EQ1 QTC
Entries 2.971834e+07
TADC
QT Input Channel

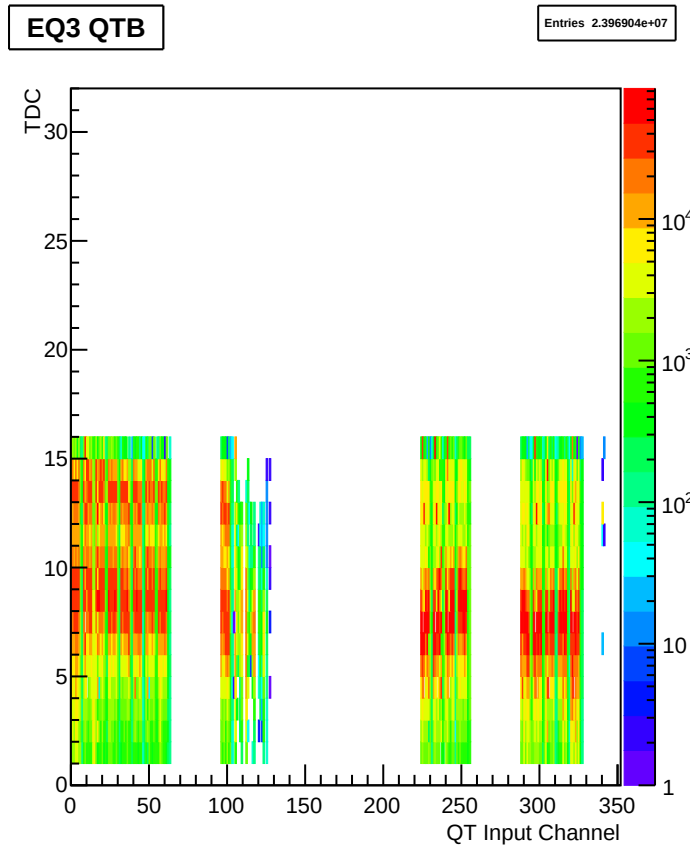

EQ2 QTB
Entries 8.915501e+07
ADC
QT Input Channel

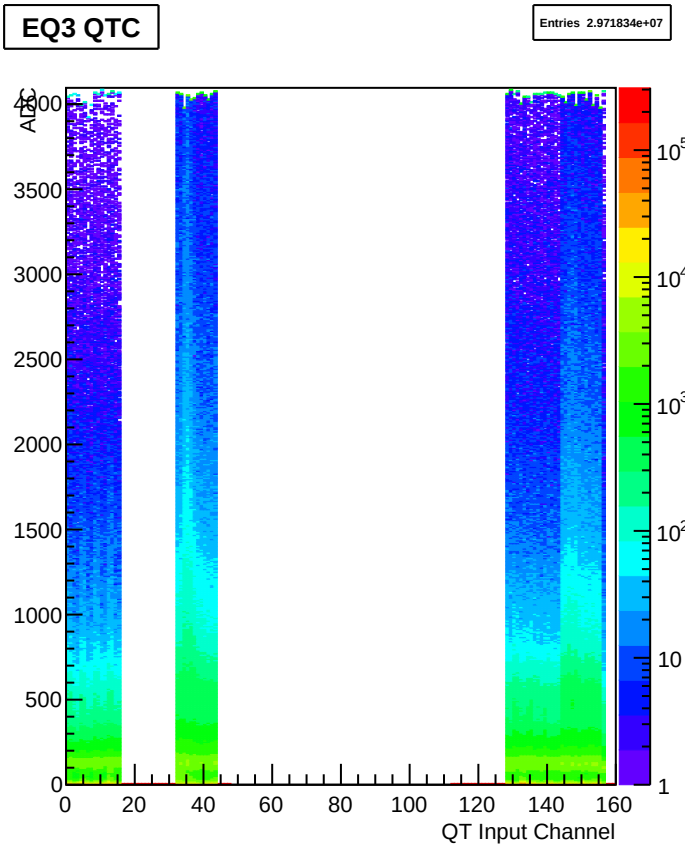

EQ2 QTB
Entries 2.929596e+07
TDC
QT Input Channel

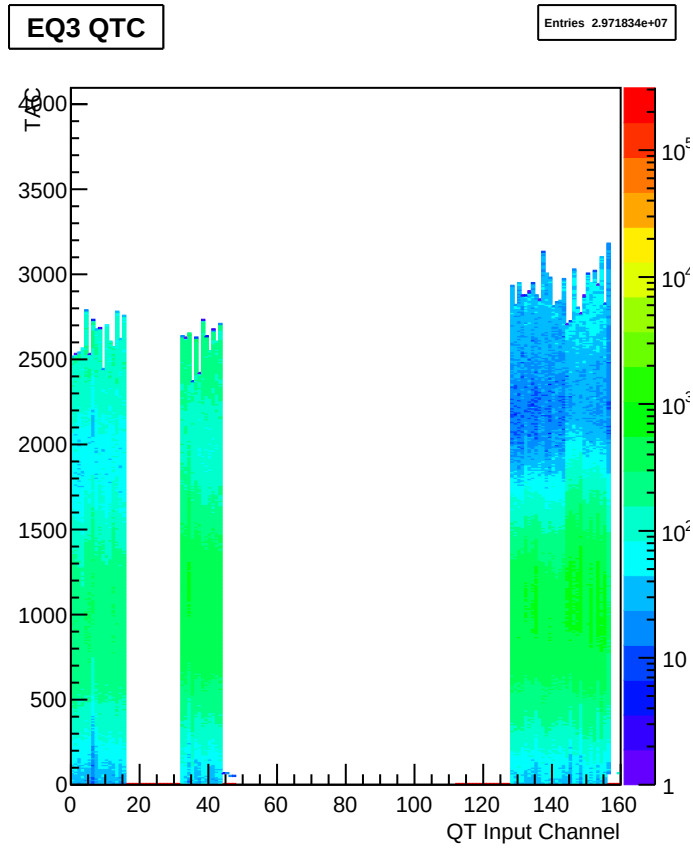

EQ2 QTC
Entries 2.971834e+07
ADC
QT Input Channel

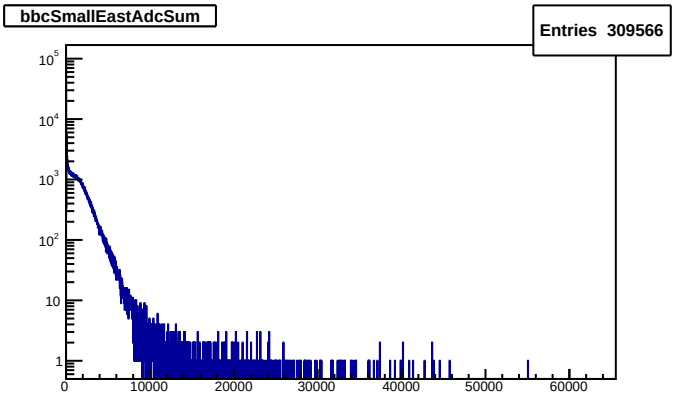

EQ2 QTC
Entries 2.971834e+07
TADC
QT Input Channel

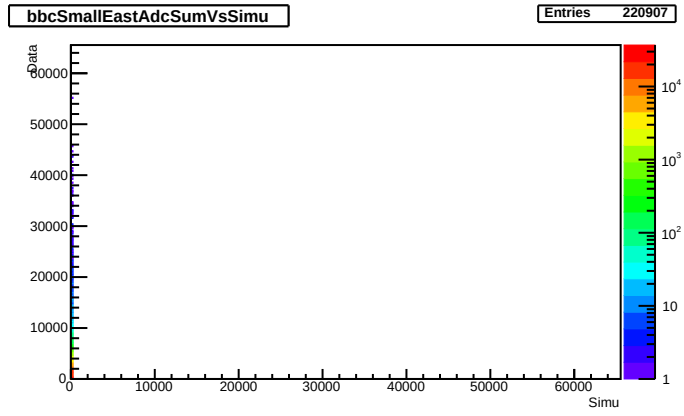

EQ3 QTB
Entries 7.92489e+07
ADC
QT Input Channel

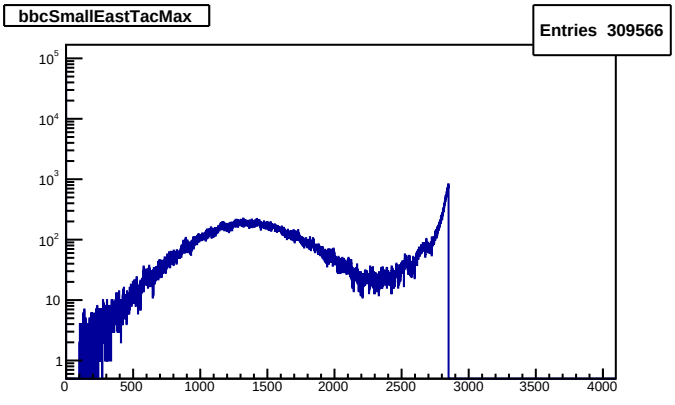

EQ3 QTB
Entries 2.396904e+07
TDC
QT Input Channel

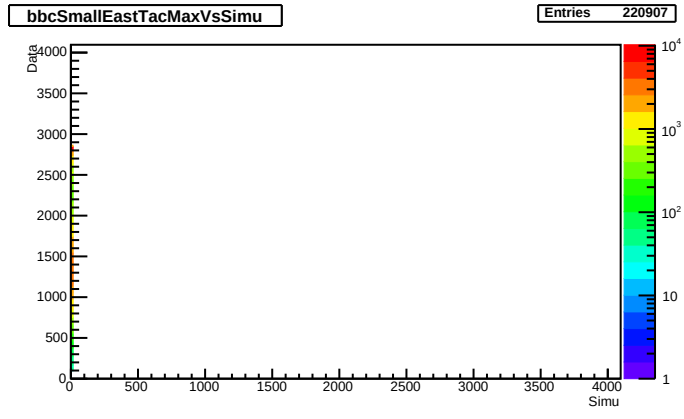

EQ3 QTC
Entries 2.971834e+07
ADC
QT Input Channel

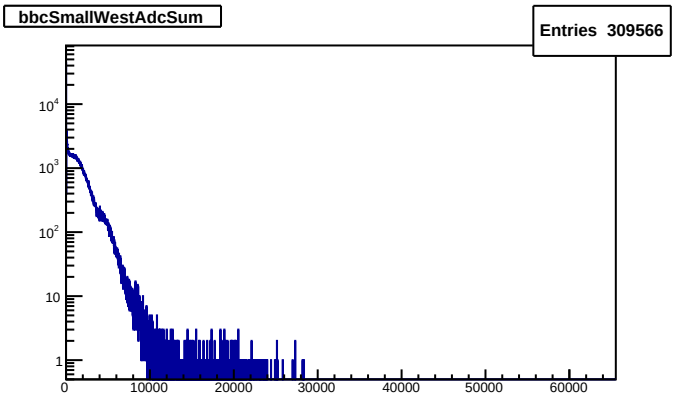

EQ3 QTC
Entries 2.971834e+07
TADC
QT Input Channel

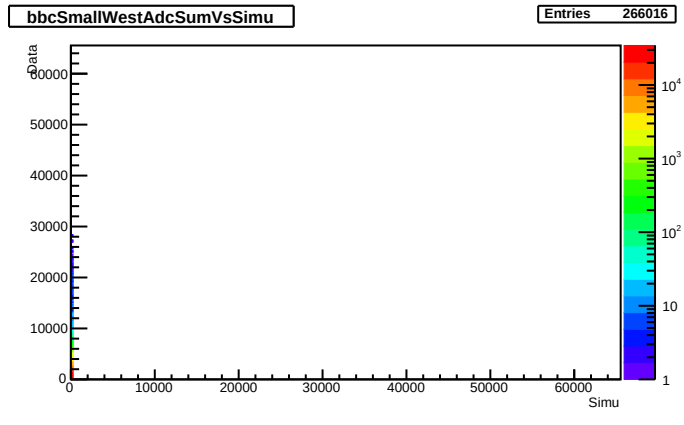

bbcSmallEastAdcSum
Entries 309566

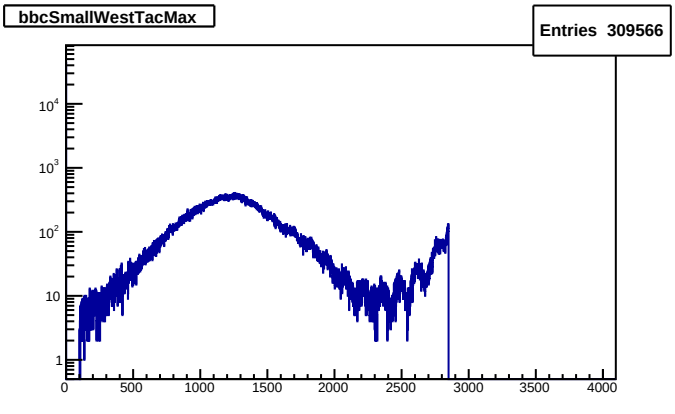

bbcSmallEastAdcSumVsSimu
Entries 220907
Data
Simu

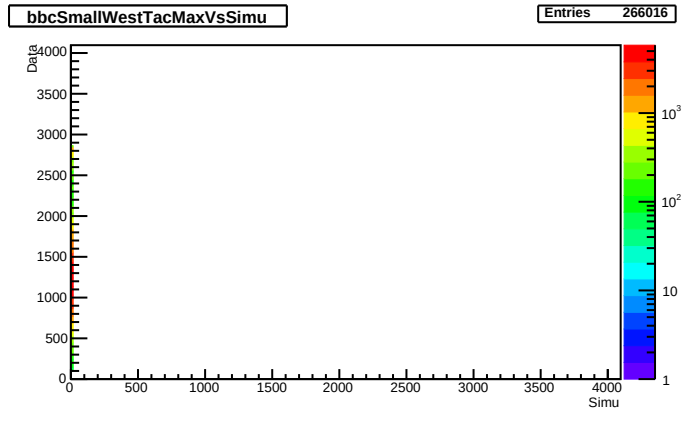

bbcSmallEastTacMax
Entries 309566

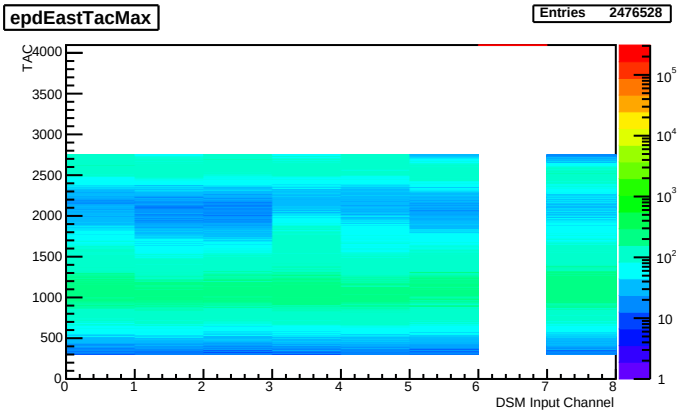

bbcSmallEastTacMaxVsSimu
Entries 220907
Data
Simu

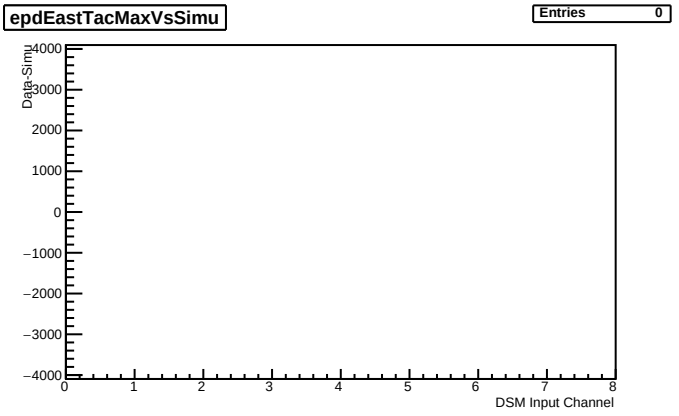

bbcSmallWestAdcSum
Entries 309566

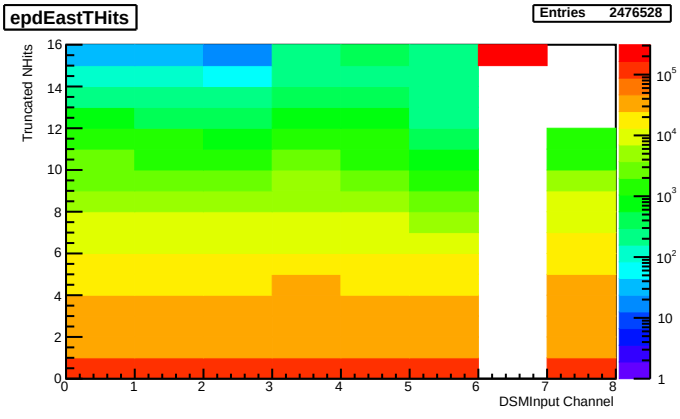

bbcSmallWestAdcSumVsSimu
Entries 266016
Data
Simu

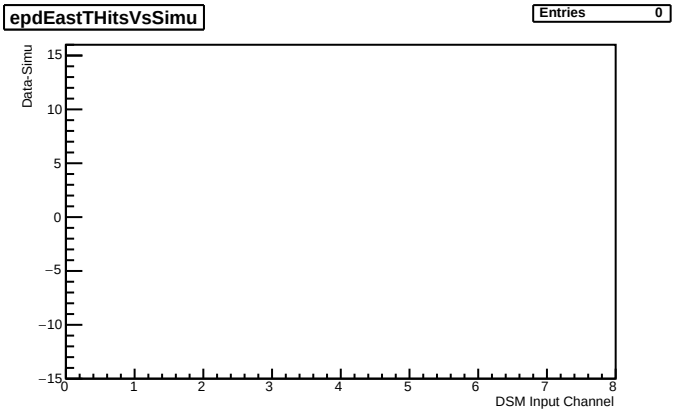

bbcSmallWestTacMax
Entries 309566

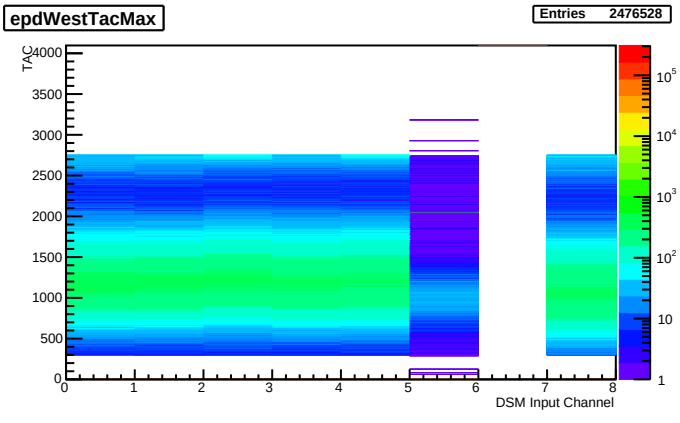

bbcSmallWestTacMaxVsSimu
Entries 266016
Data
Simu

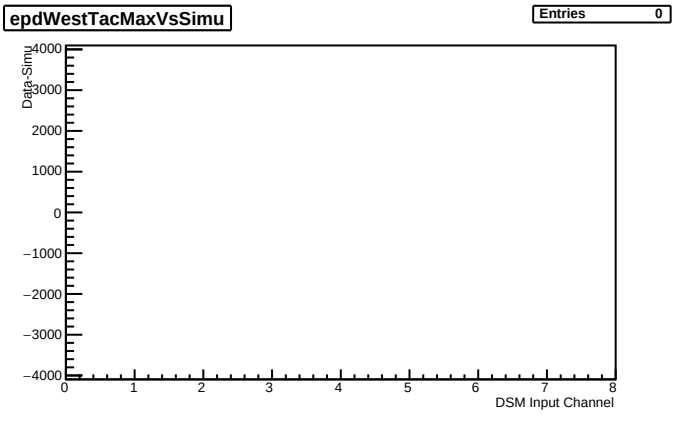

epdEastTacMax
Entries 2476528
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2476528
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2476528
TAC
DSM Input Channel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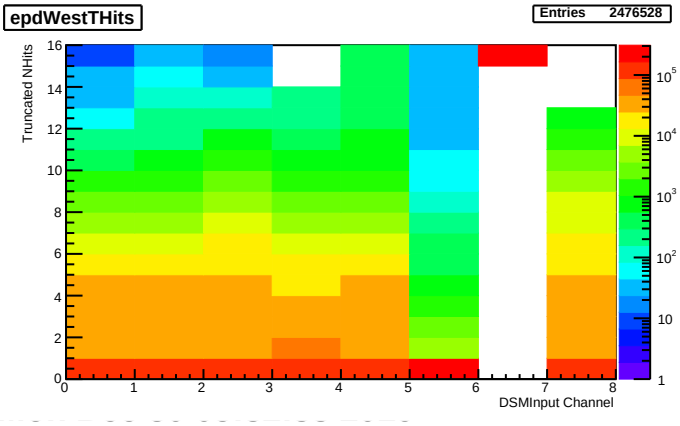
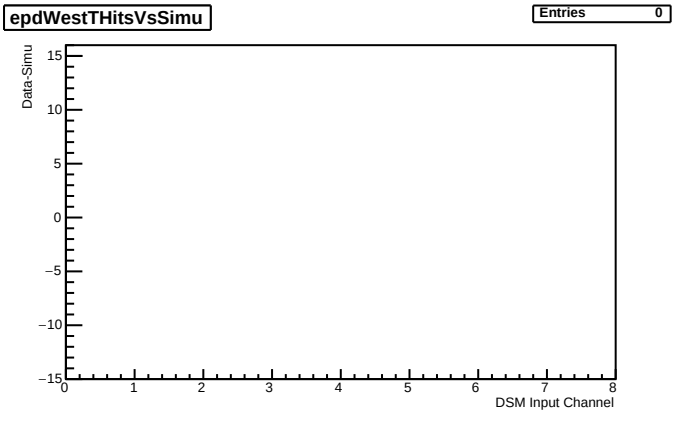
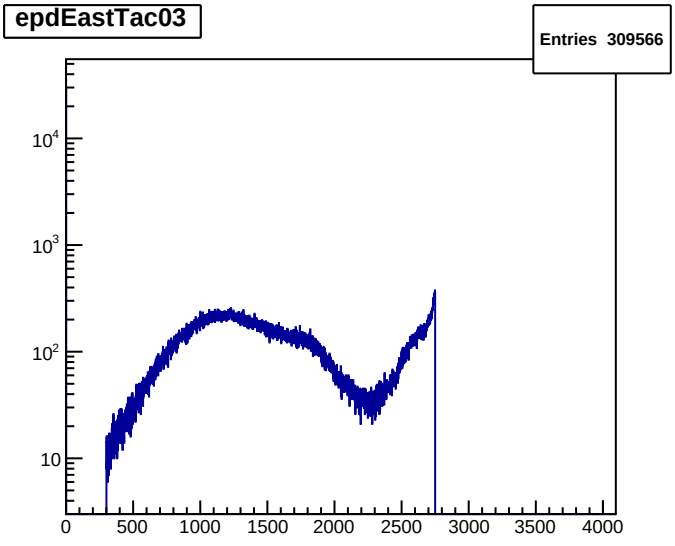
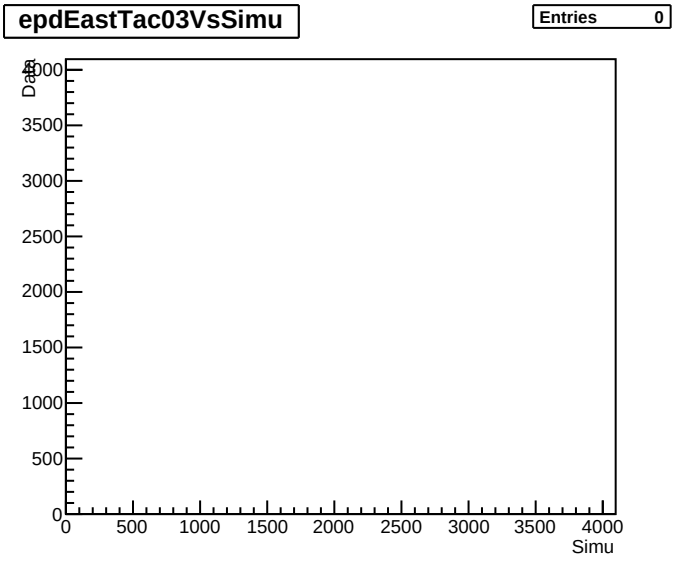
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2476528
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 309566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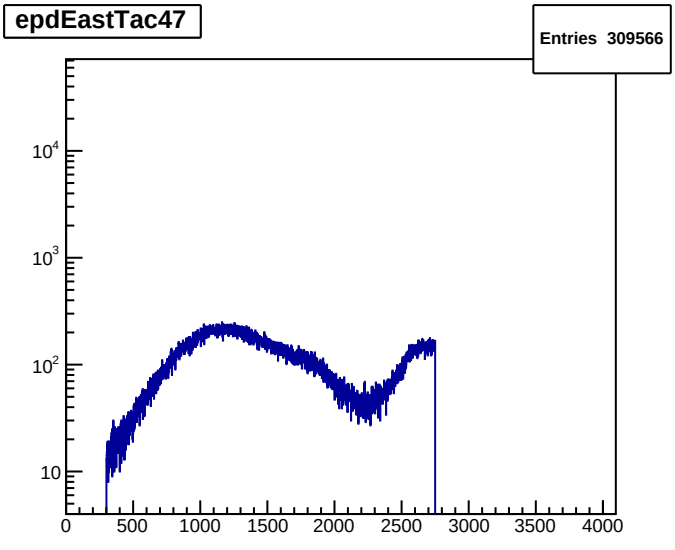
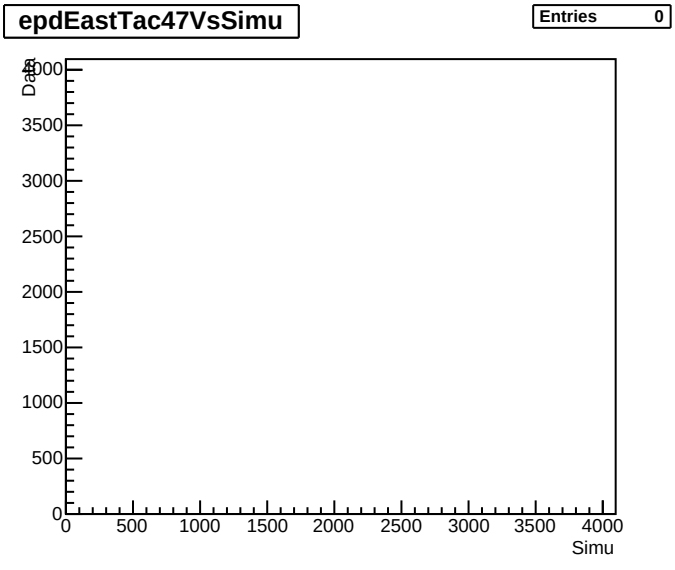
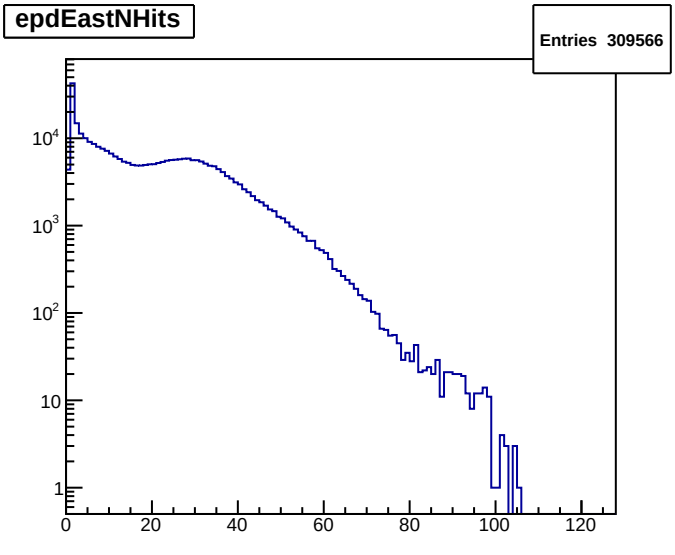
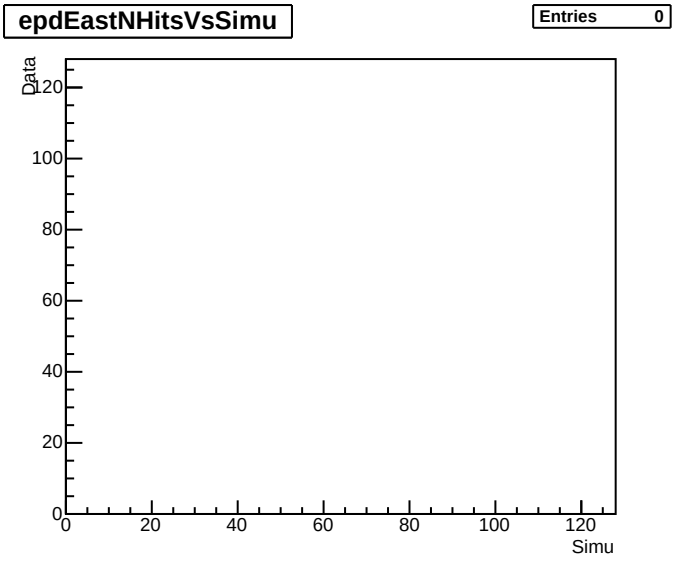
Entries 0
Data
Simu


epdEastTac47
Entries 309566


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 309566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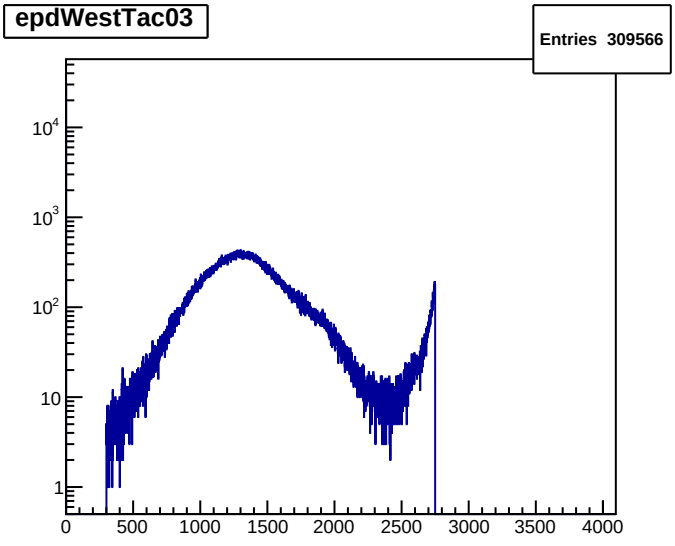
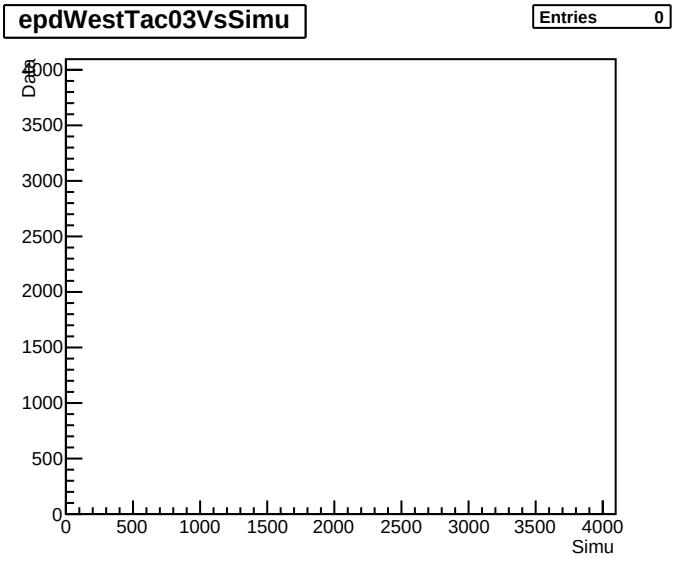
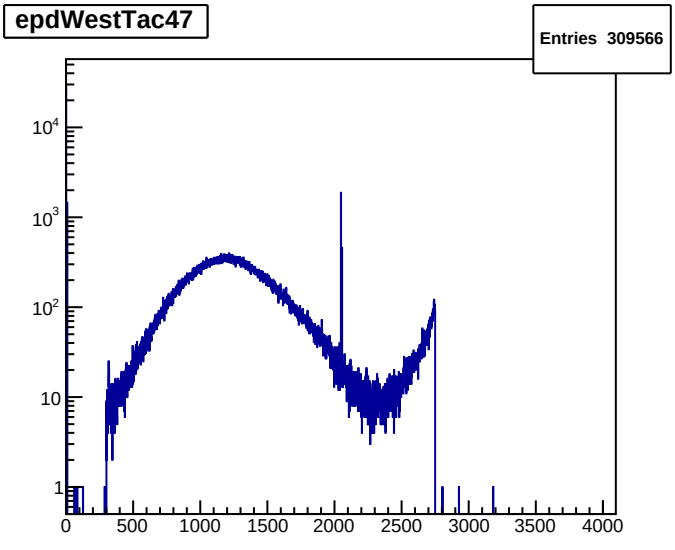
Entries 0
Data
Simu


epdWestTac03
Entries 309566


epdWestTac03VsSimu
Entries 0
Data
Simu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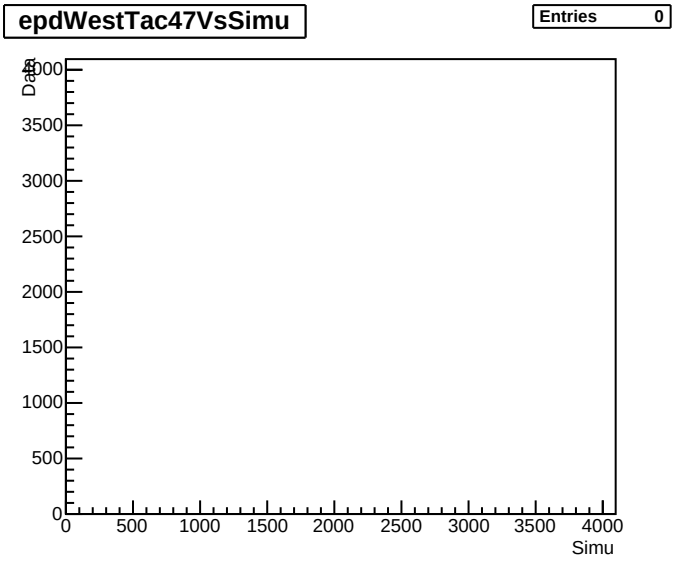
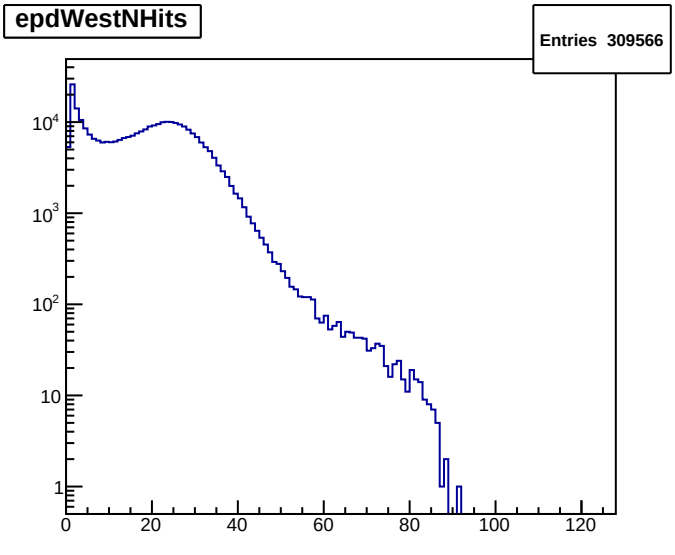
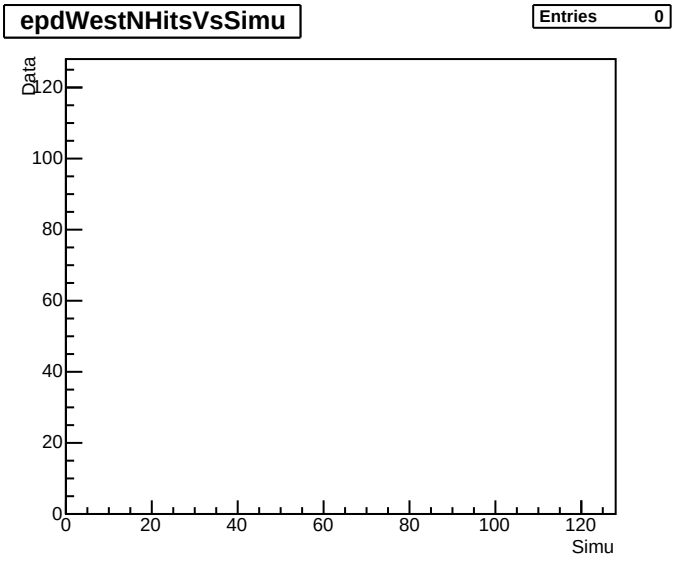
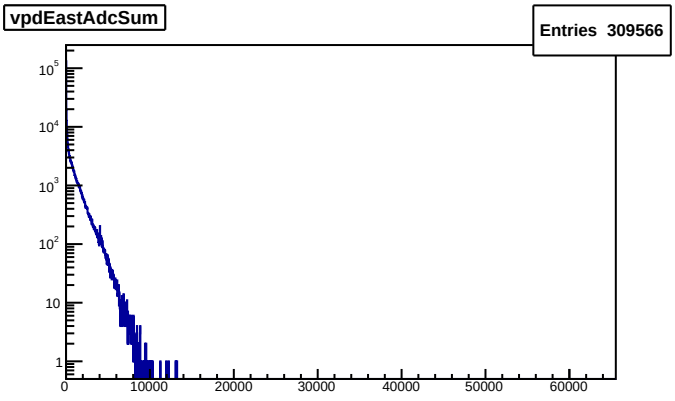
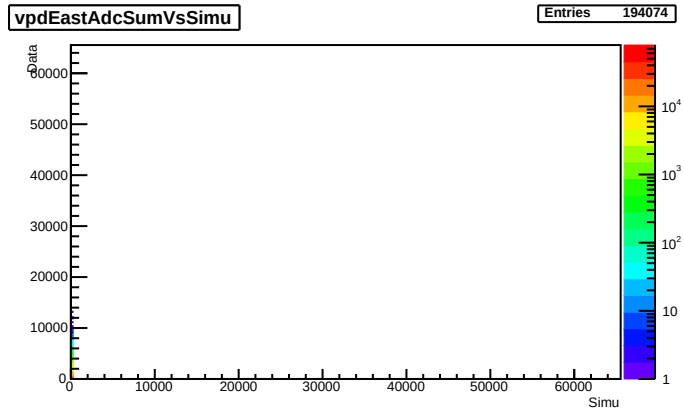
Entries 309566

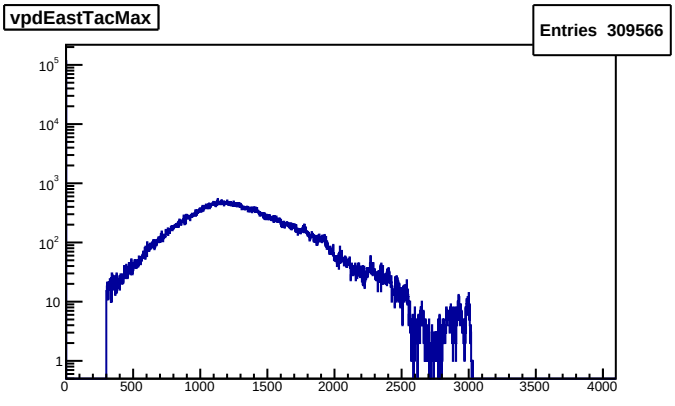

epdWestTac47VsSimu
Entries 0
Data
Simu

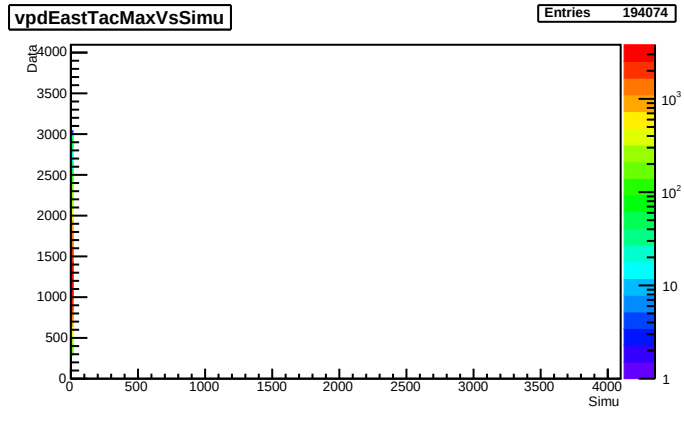

epdWestNHits
Entries 309566

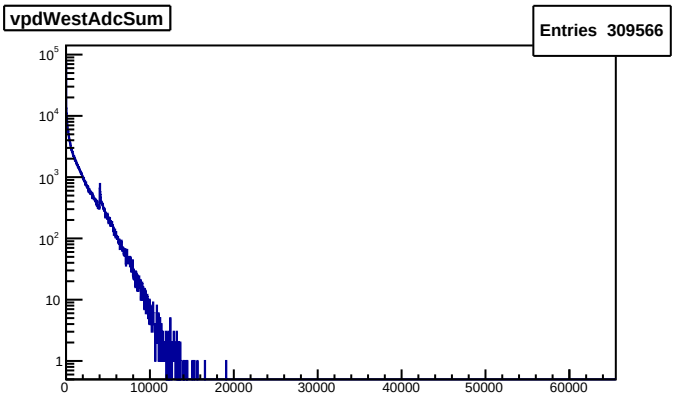

epdWestNHitsVsSimu
Entries 0
Data
Simu

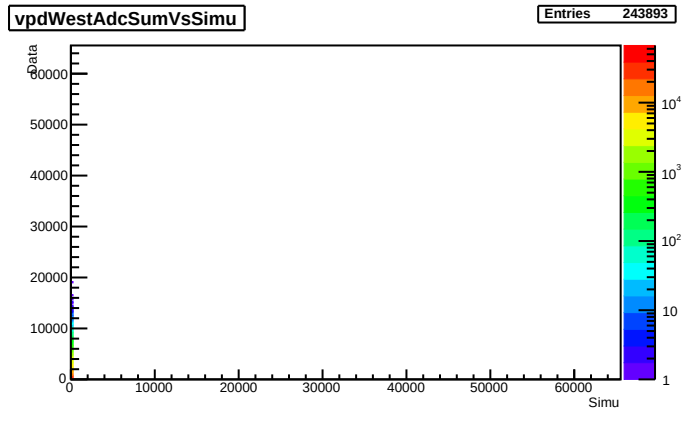

vpdEastAdcSum
Entries 309566

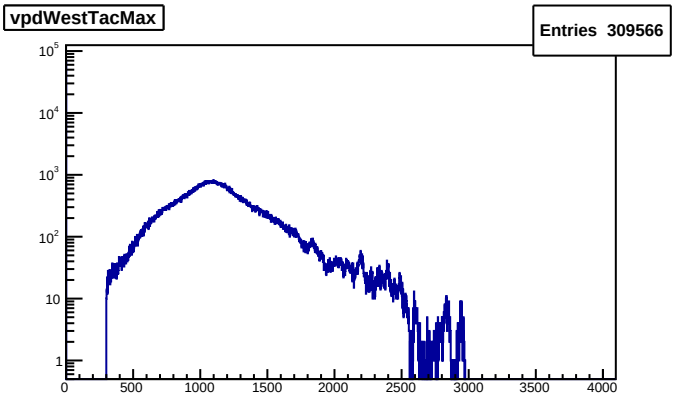

vpdEastAdcSumVsSimu
Entries 194074
Data
Simu

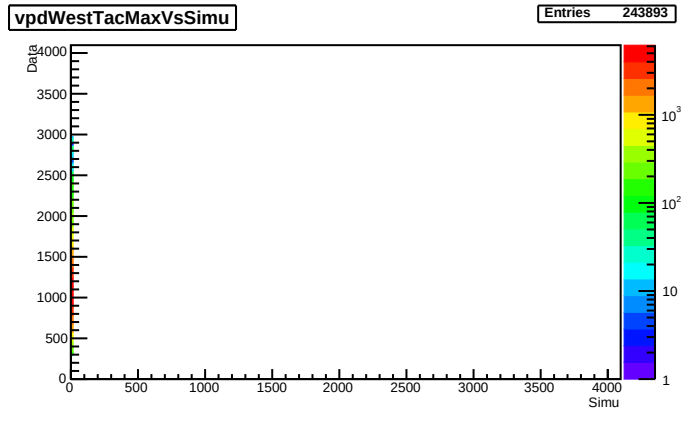

vpdEastTacMax
Entries 309566

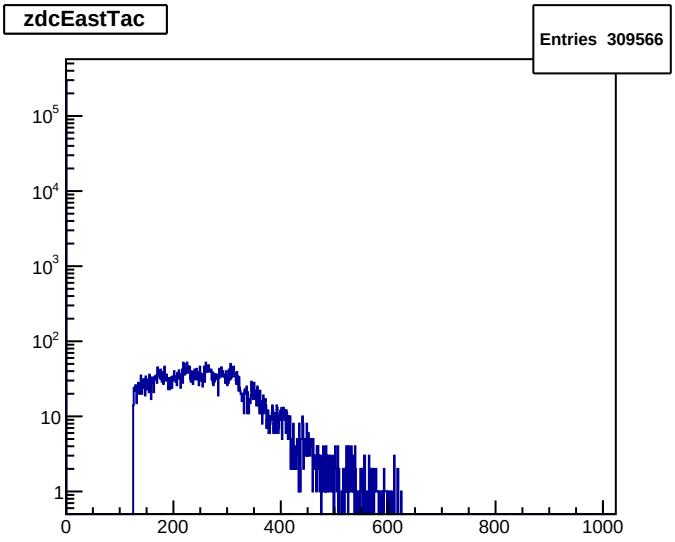

vpdEastTacMaxVsSimu
Entries 194074
Data
Simu

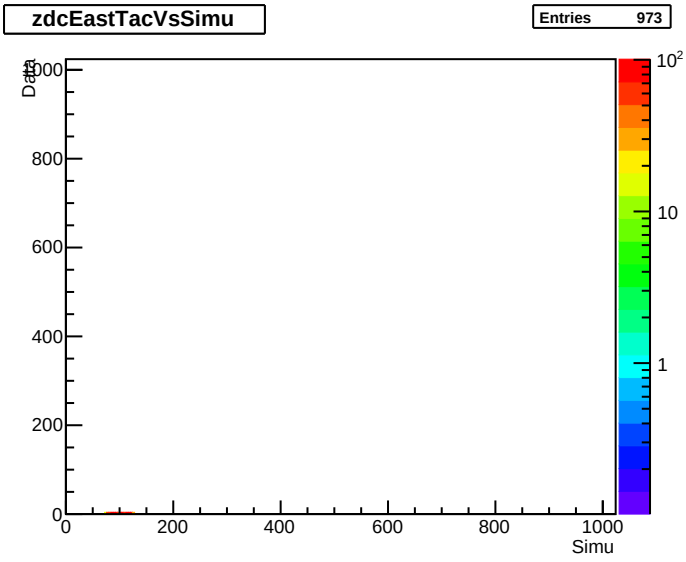

vpdWestAdcSum
Entries 309566

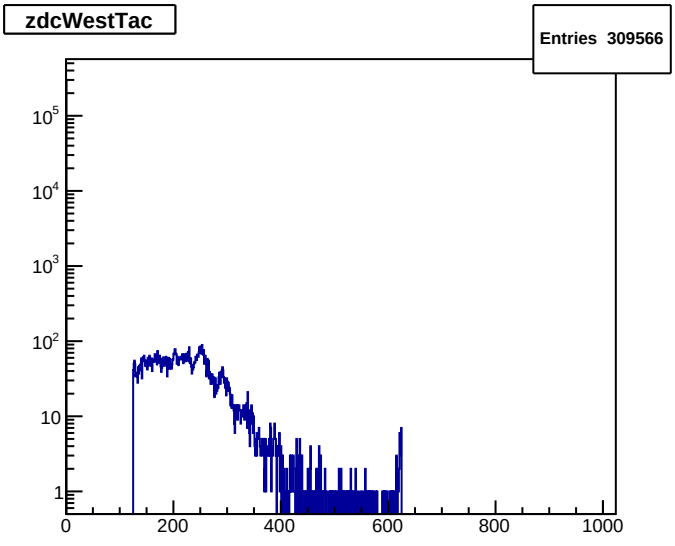

vpdWestAdcSumVsSimu
Entries 243893
Data
Simu

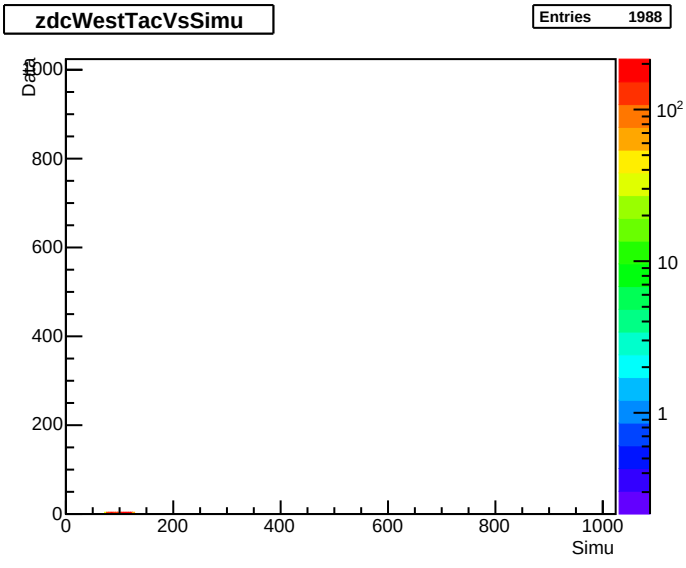

vpdWestTacMax
Entries 309566

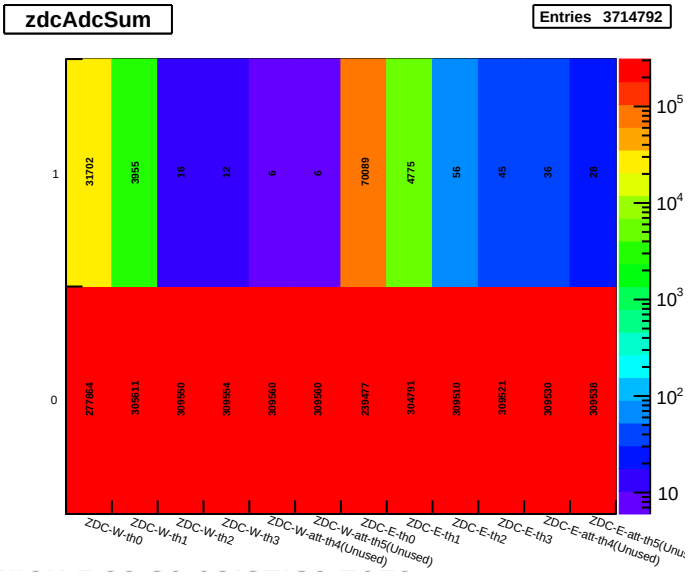

vpdWestTacMaxVsSimu
Entries 243893
Data
Simu

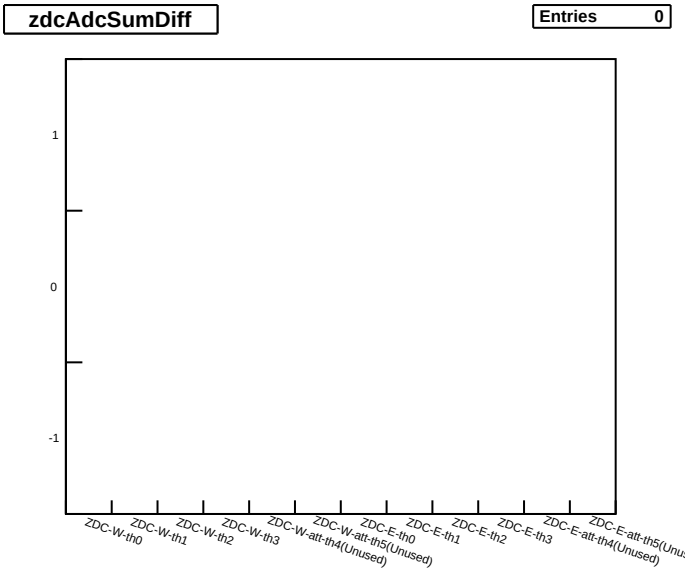

zdcEastTac
Entries 309566

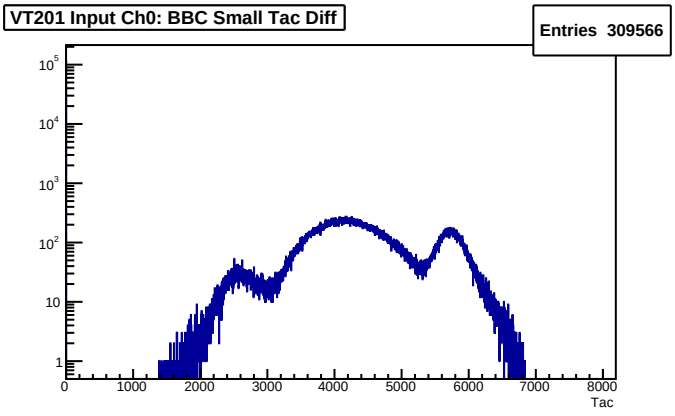

zdcEastTacVsSimu
Entries 973
Data
Simu

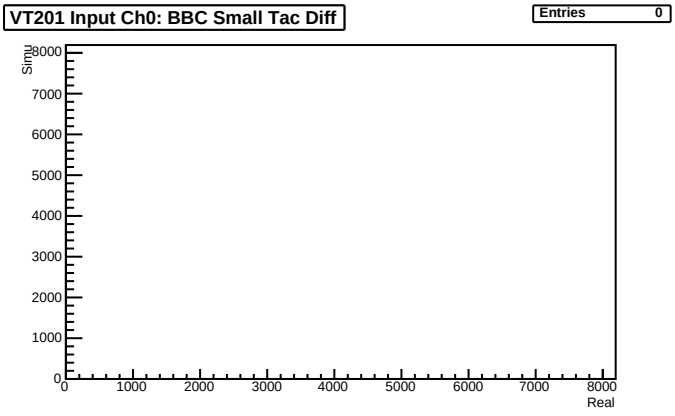

zdcWestTac
Entries 309566

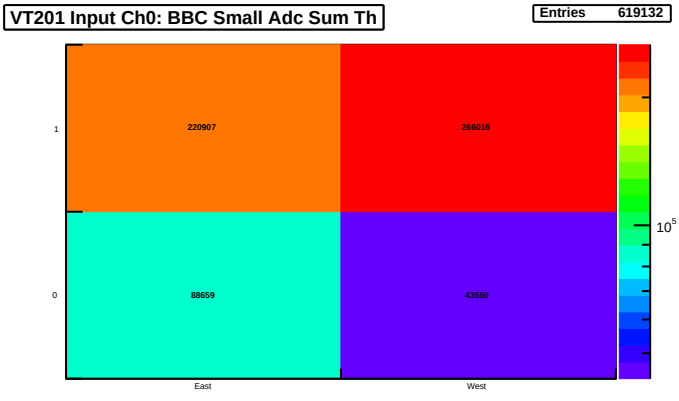

zdcWestTacVsSimu
Entries 1988
Data
Simu

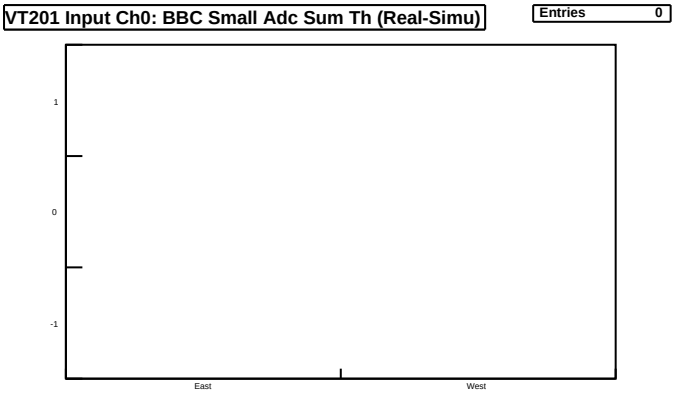

zdcAdcSum
Entries 3714792
31702
3955
16
12
6
6
70089
4775
56
45
36
28
277884
305611
309550
309554
309560
309560
239477
304791
309510
309521
309530
309538
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

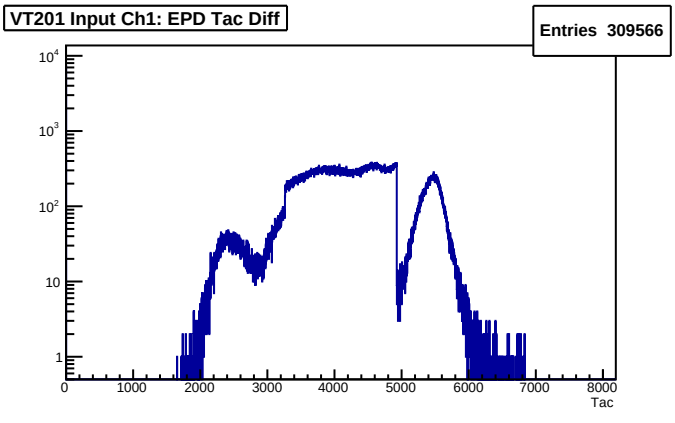

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

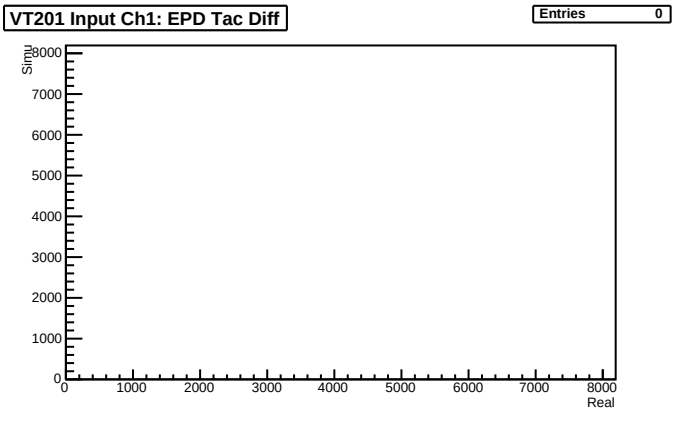

VT201 Input Ch0: BBC Small Tac Diff
Entries 309566
Tac

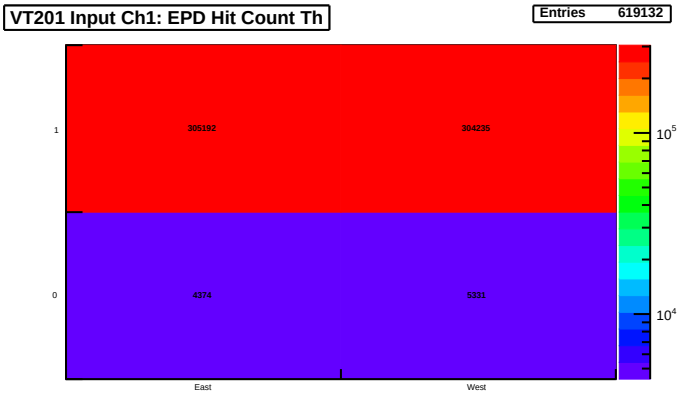

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

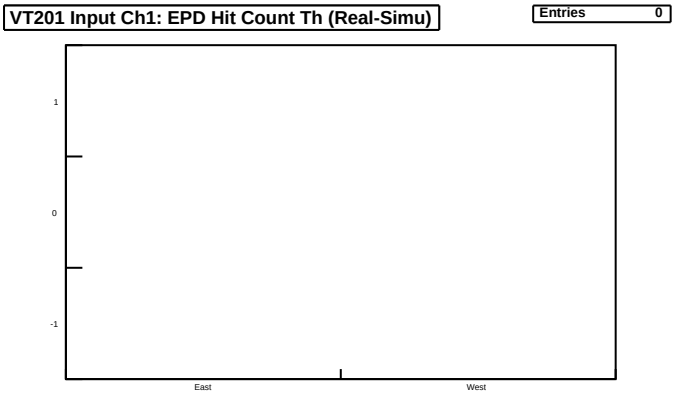

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 619132
220907
266016
88659
43550
East
West

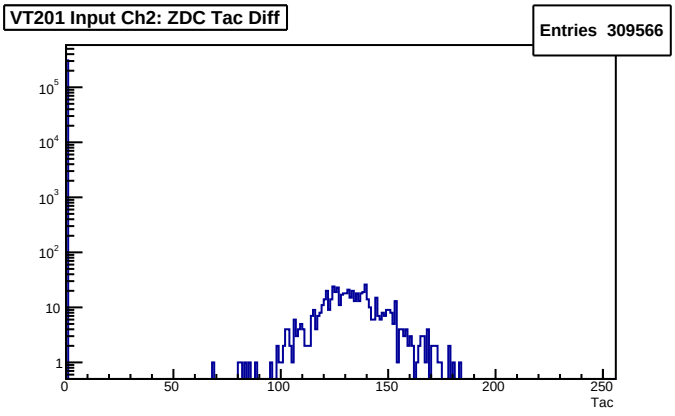

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

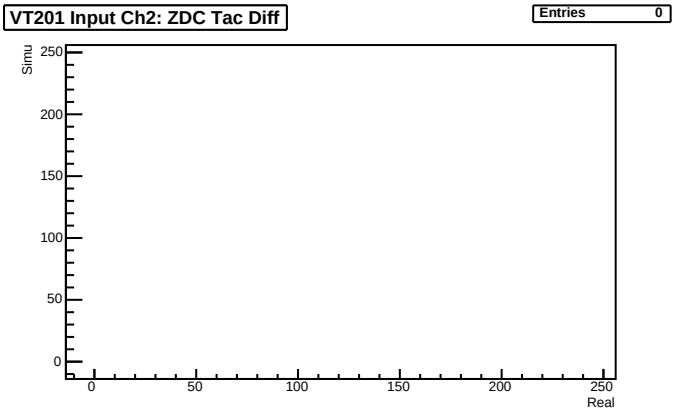

VT201 Input Ch1: EPD Tac Diff
Entries 309566
Tac

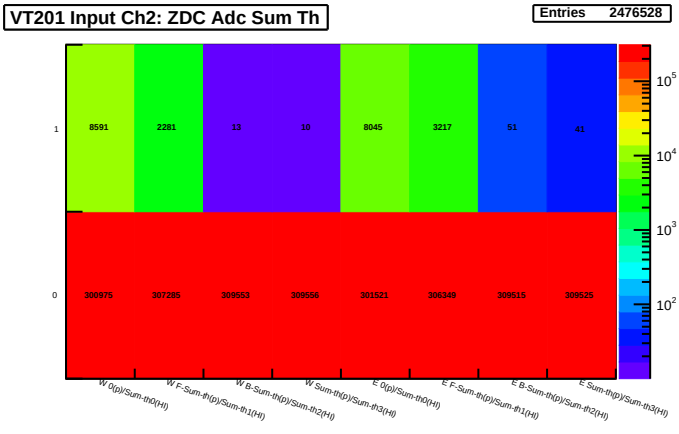

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

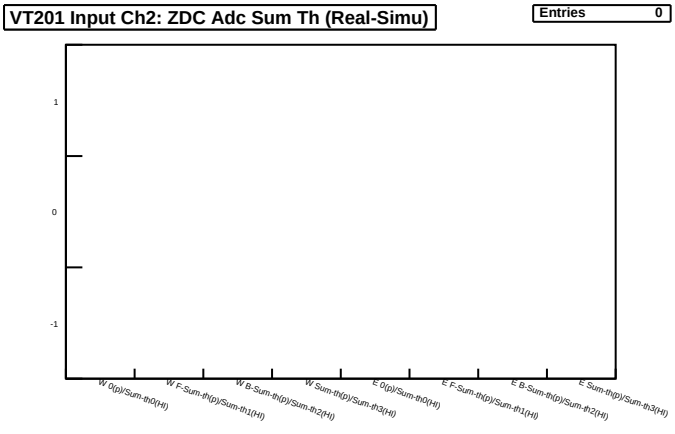

VT201 Input Ch1: EPD Hit Count Th
Entries 619132
305192
304235
4374
5331
East
West

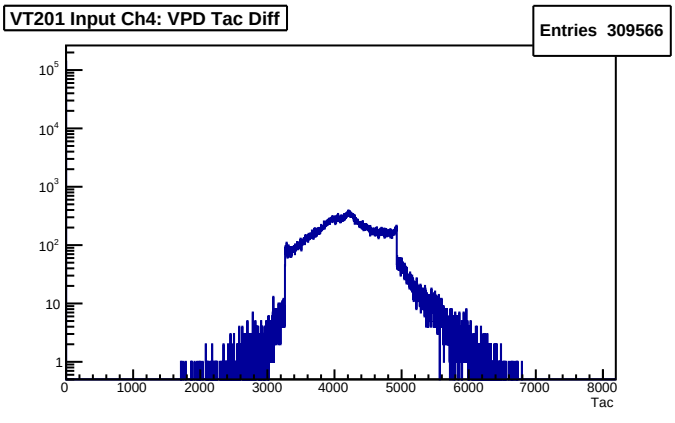

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

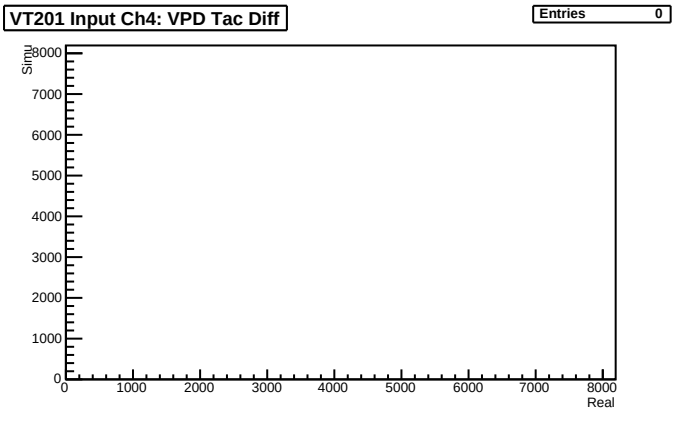

VT201 Input Ch2: ZDC Tac Diff
Entries 309566
Tac

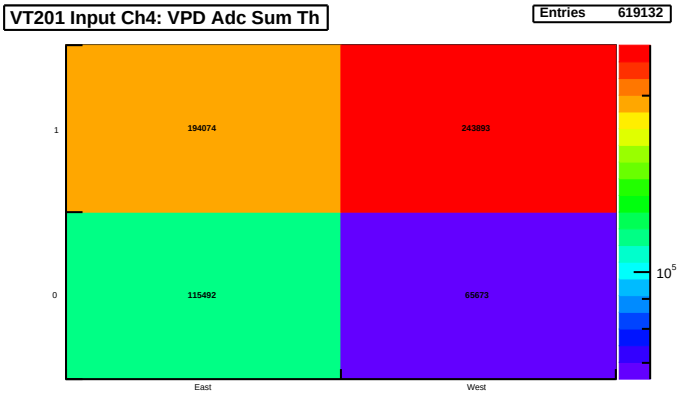

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

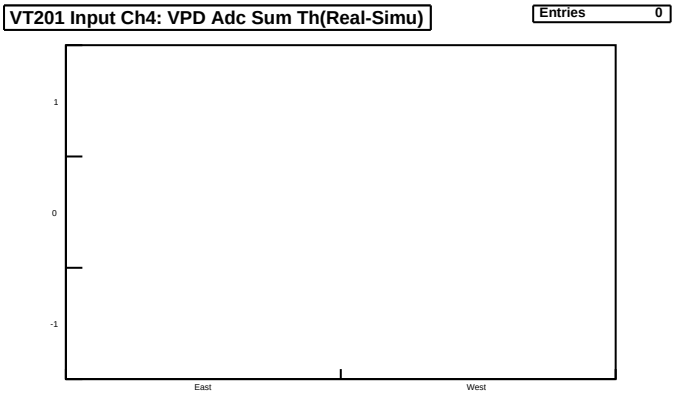

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2476528
8591
2281
13
10
8045
3217
51
41
300976
307285
309553
309556
301521
306349
309515
309525
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

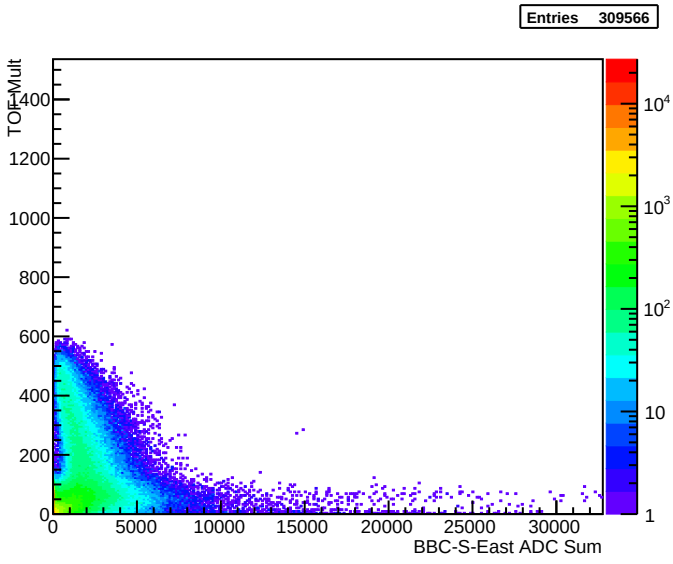

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

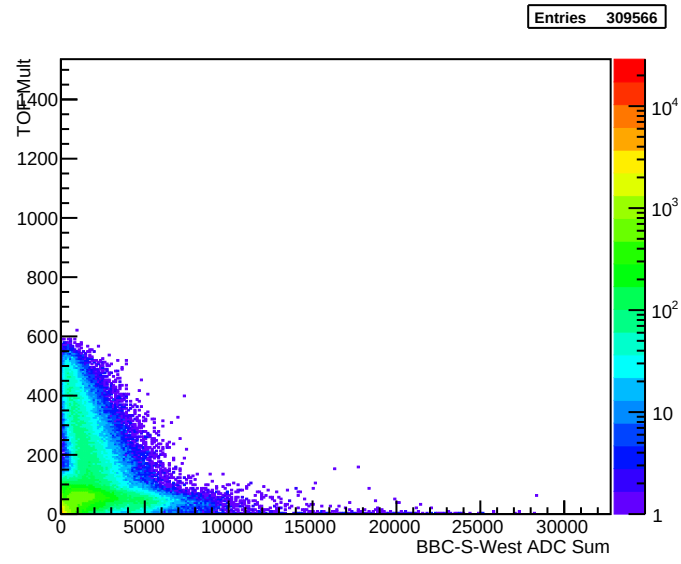

VT201 Input Ch4: VPD Tac Diff
Entries 309566
Tac

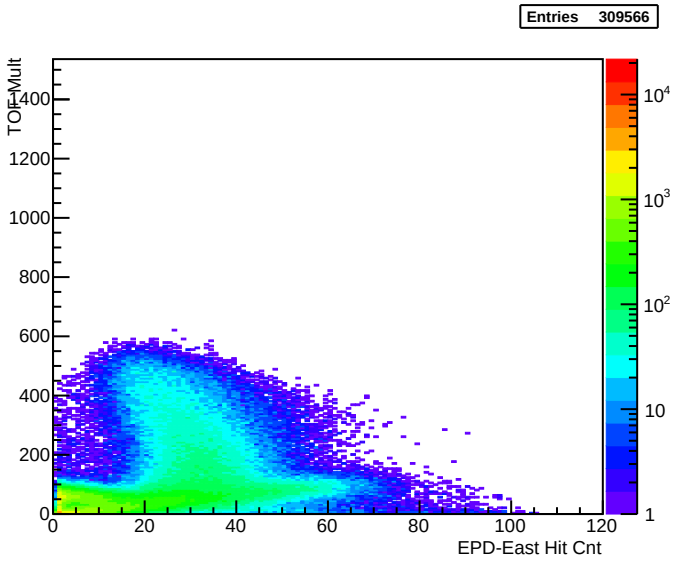

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

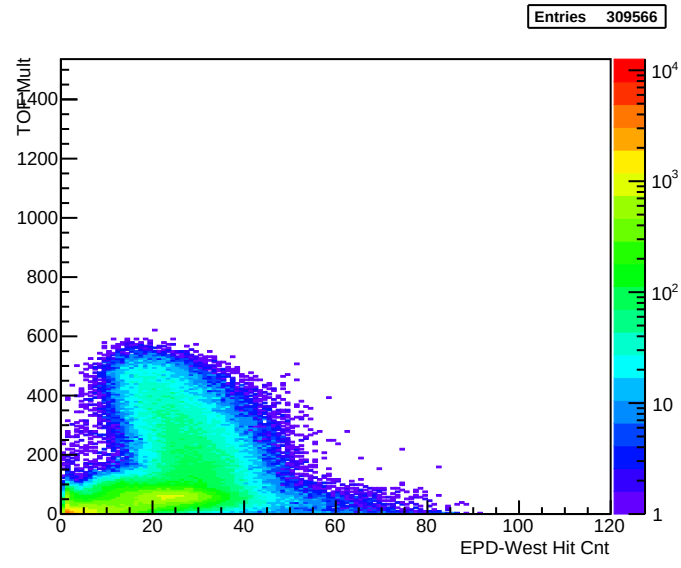

VT201 Input Ch4: VPD Adc Sum Th
Entries 619132
194074
243893
115492
65673
East
West

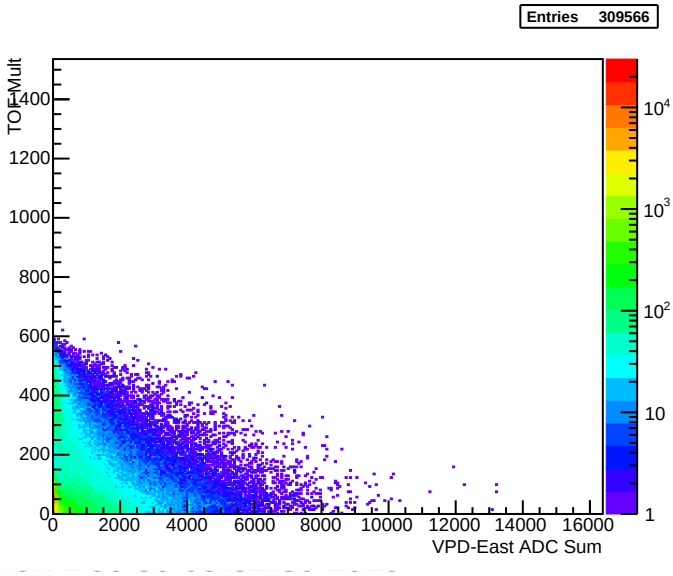

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

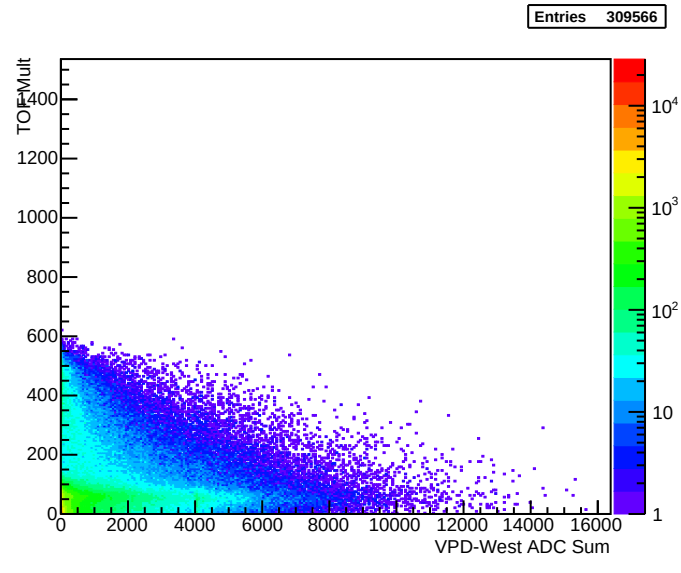

Entries 309566
TOF-Mult
BBC-S-East ADC Sum

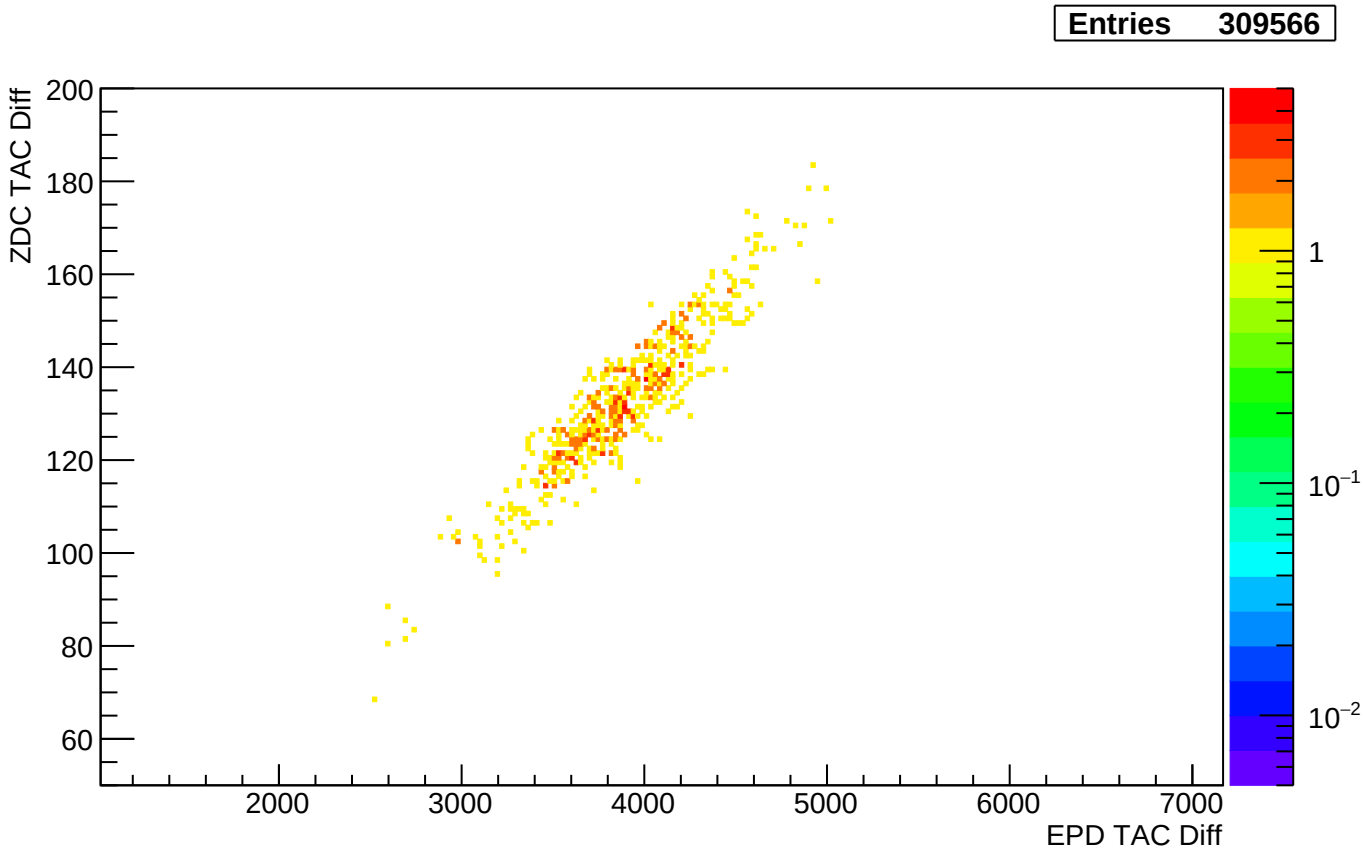

Entries 309566
TOF-Mult
BBC-S-West ADC Sum

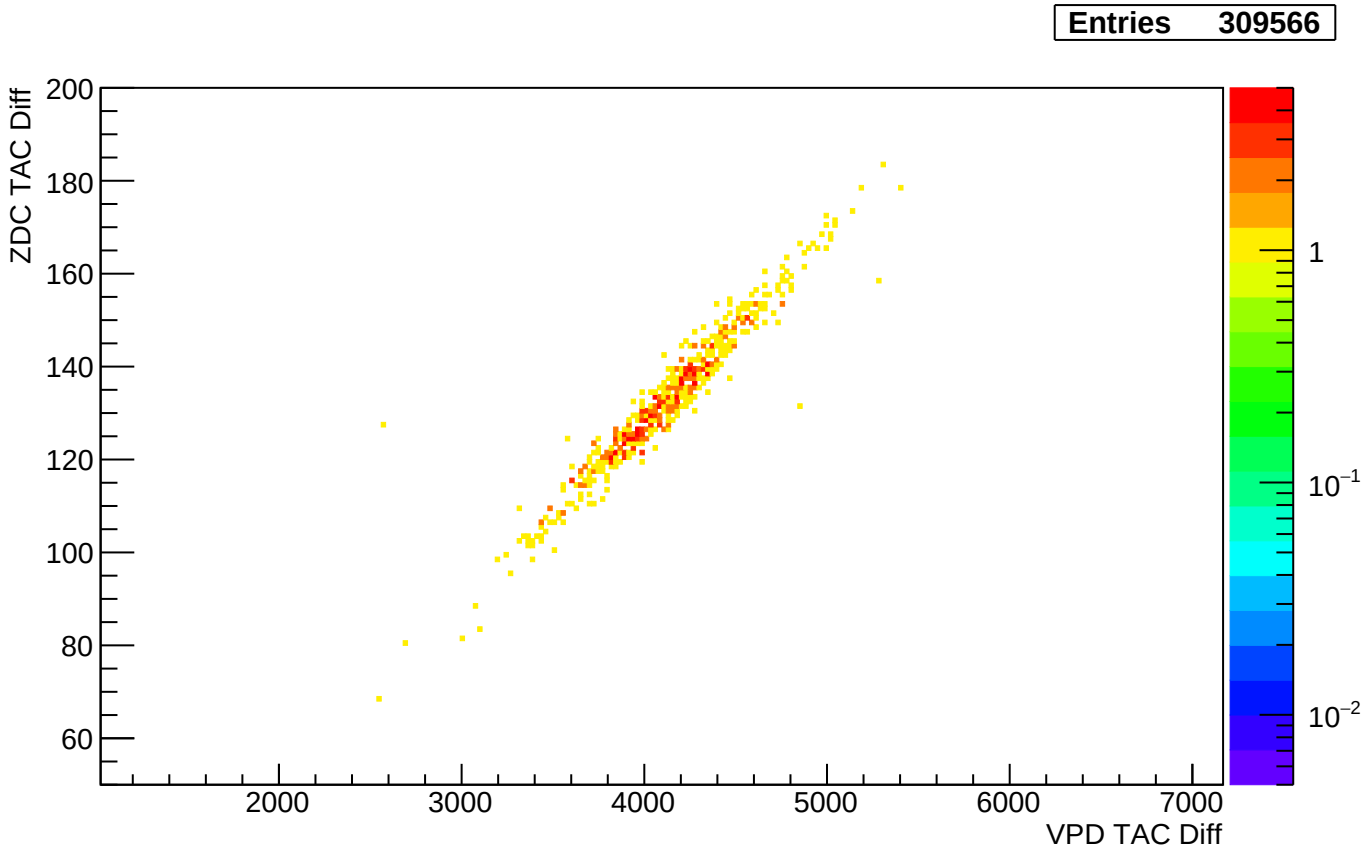

Entries 309566
TOF-Mult
EPD-East Hit Cnt

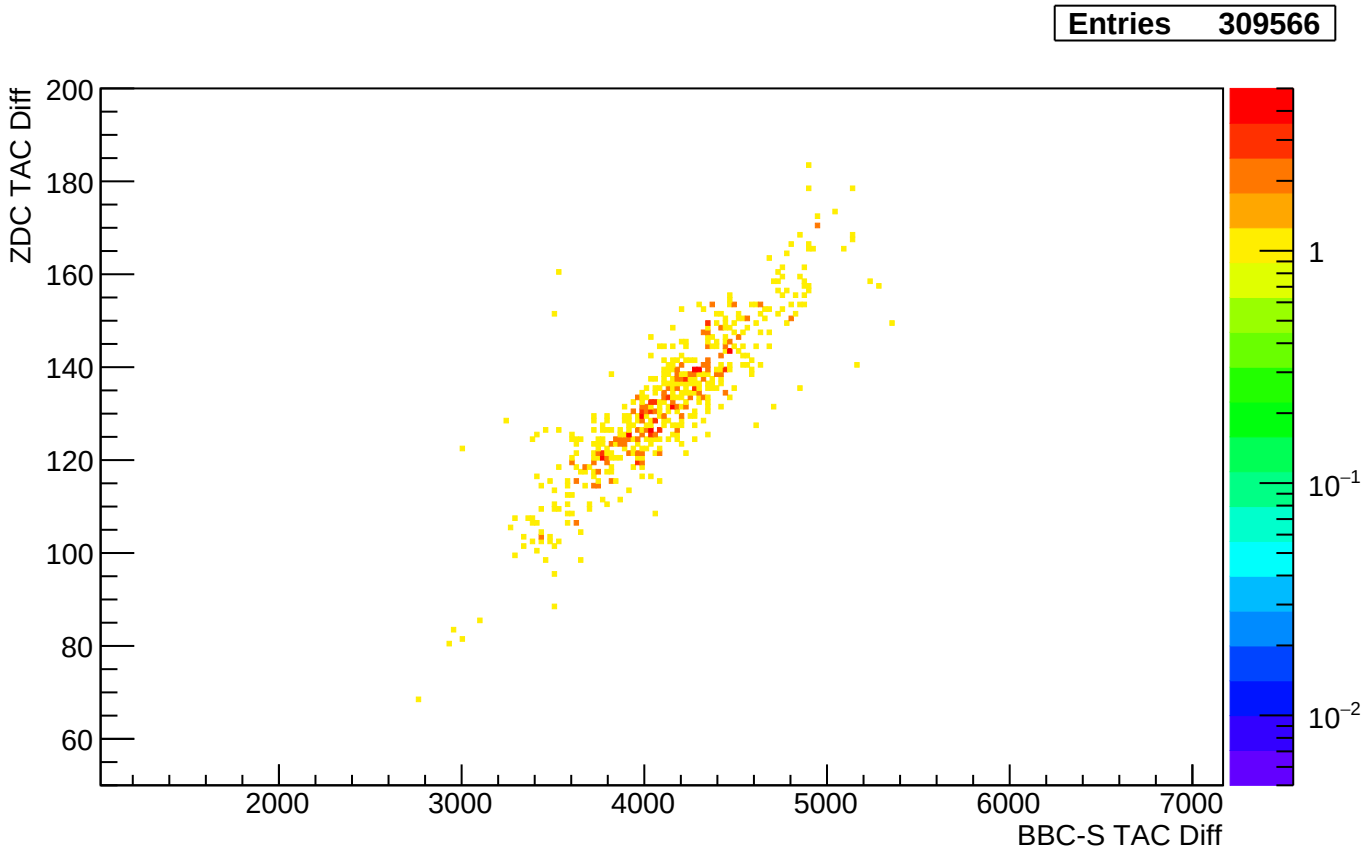

Entries 309566
TOF-Mult
EPD-West Hit Cnt

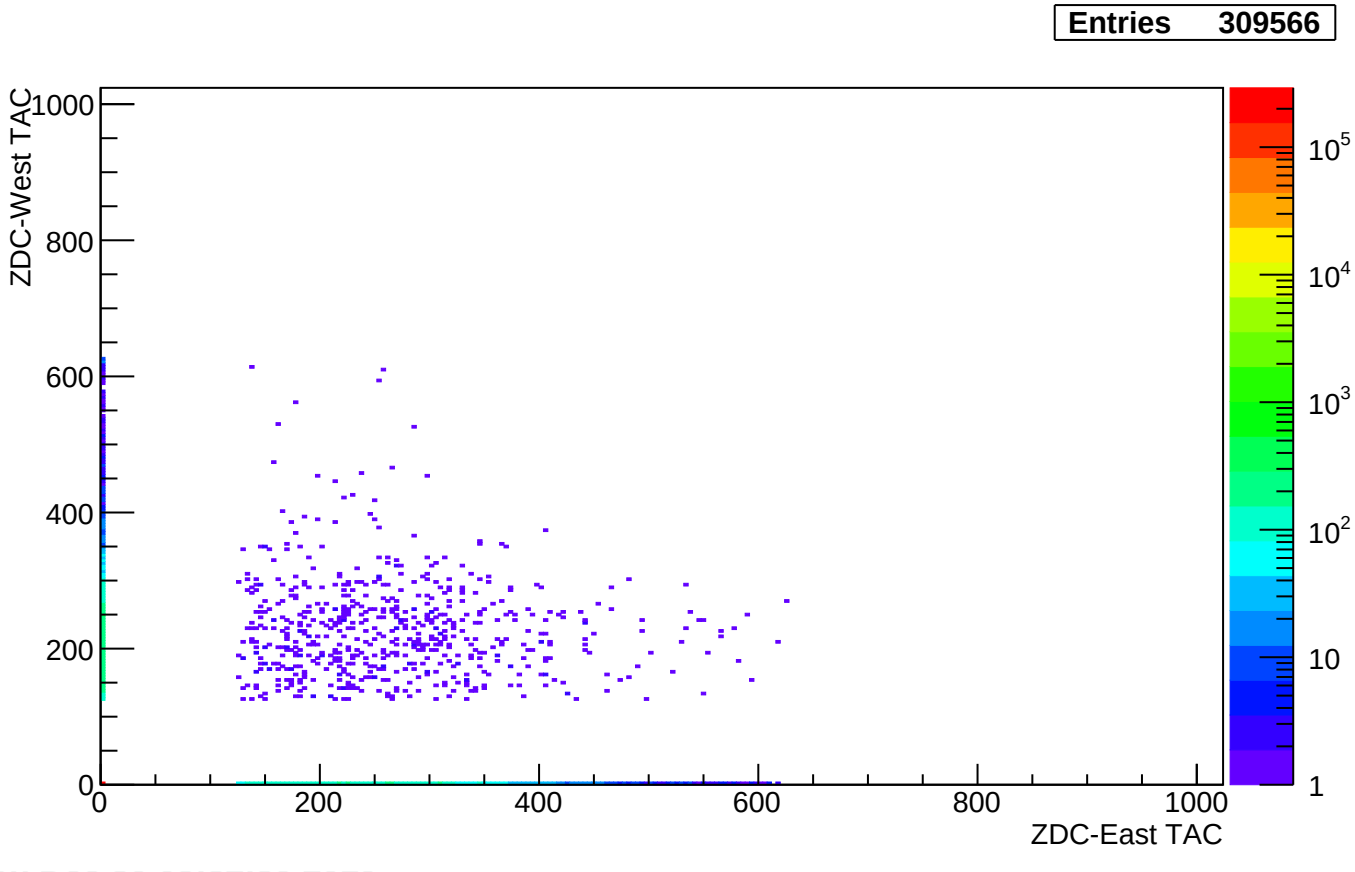

Entries 309566
TOF-Mult
VPD-East ADC Sum

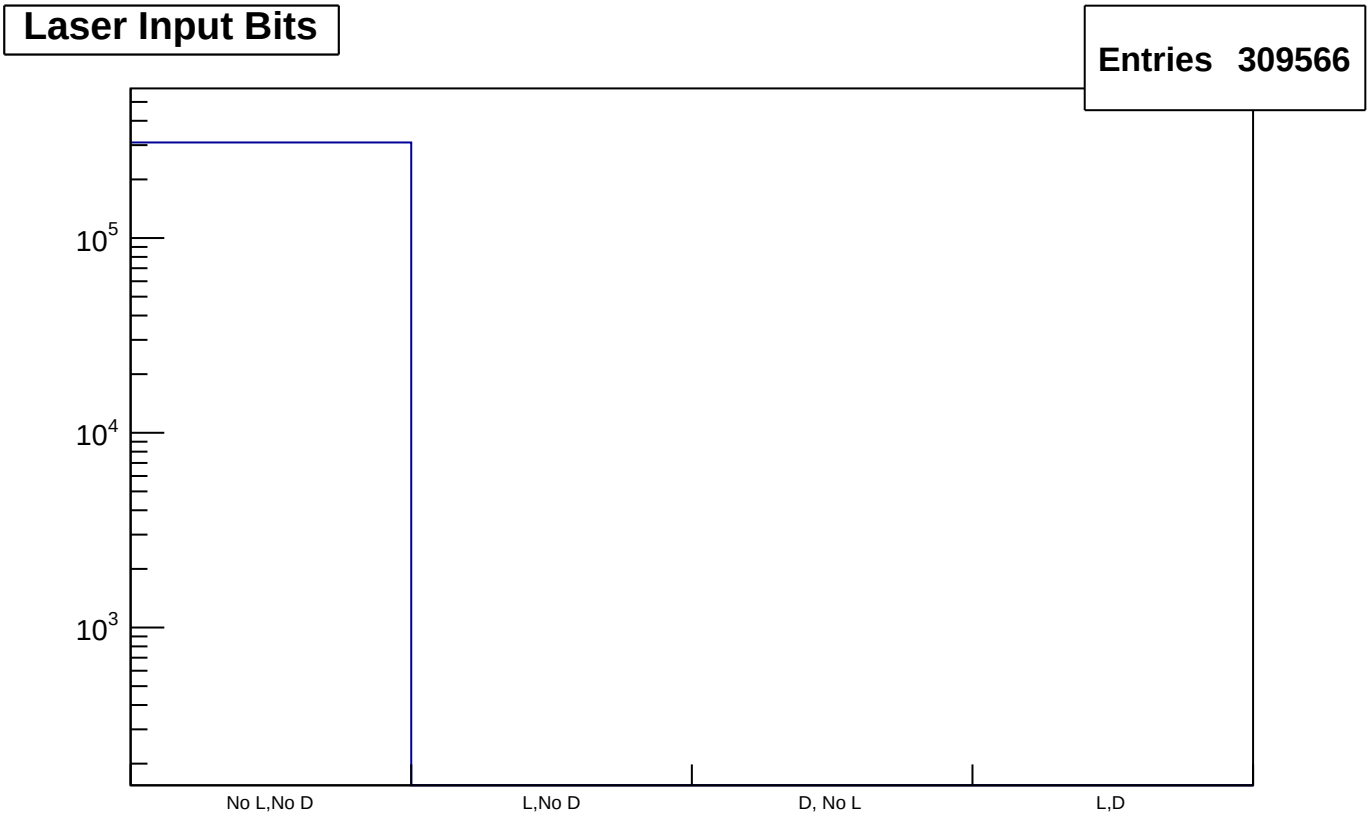

Entries 309566
TOF-Mult
VPD-West ADC Sum

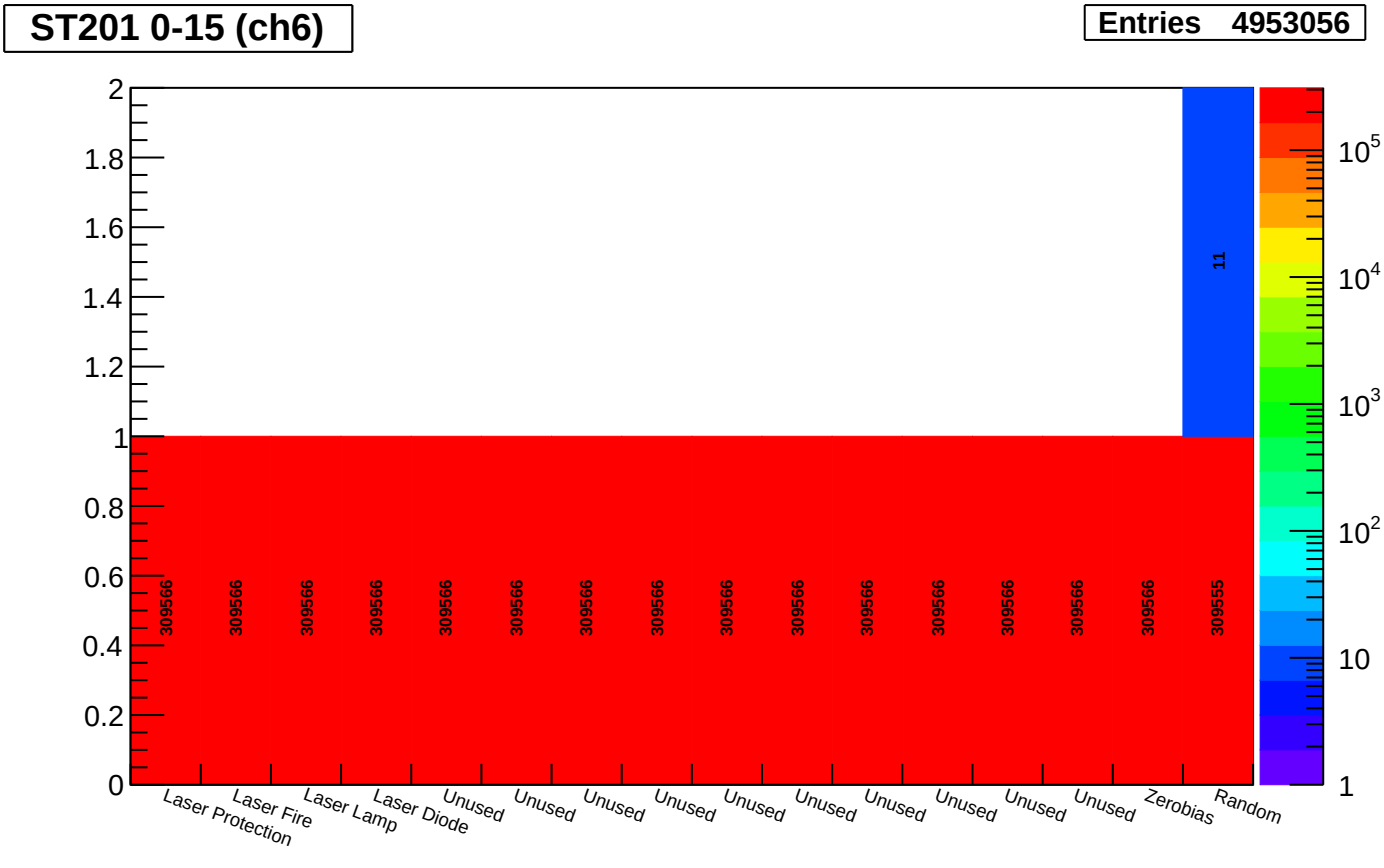

Entries 309566
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

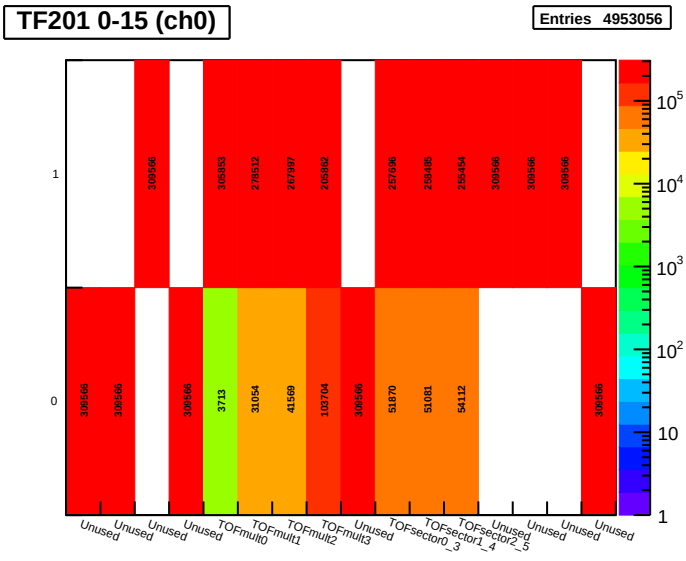

Entries 309566
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

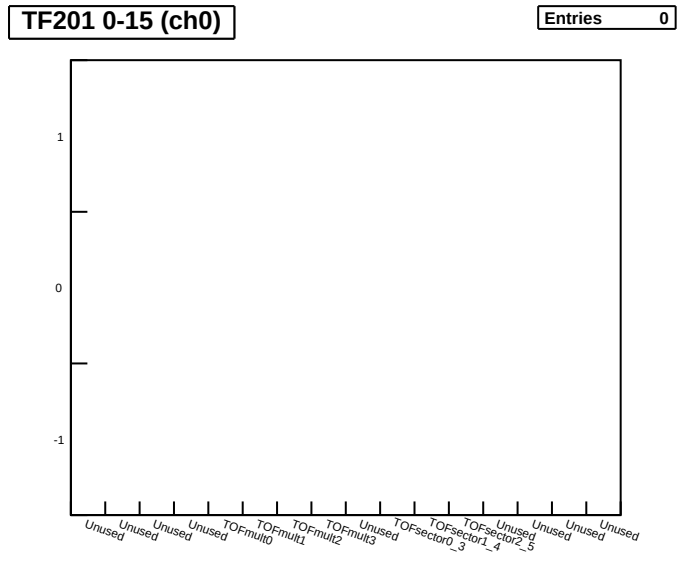

Entries 309566
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

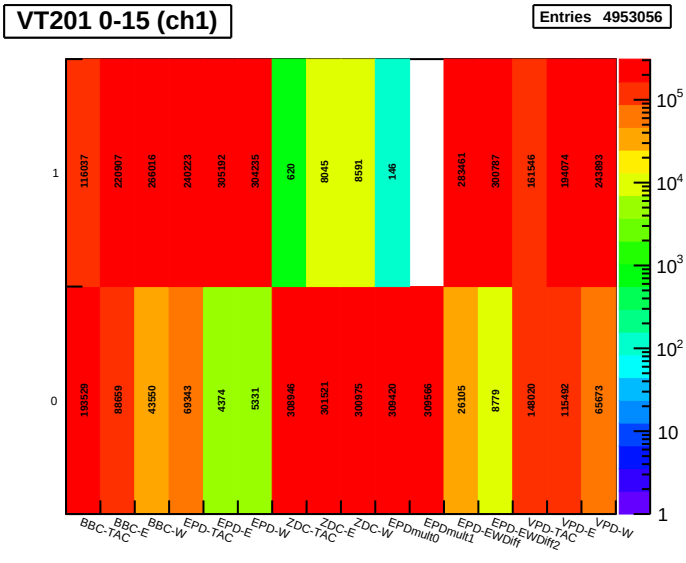

Entries 309566
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

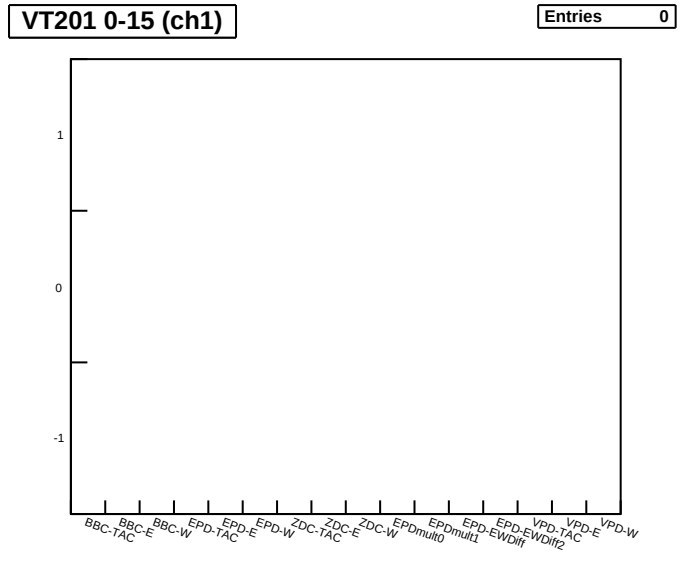

Laser Input Bits
Entries 309566
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

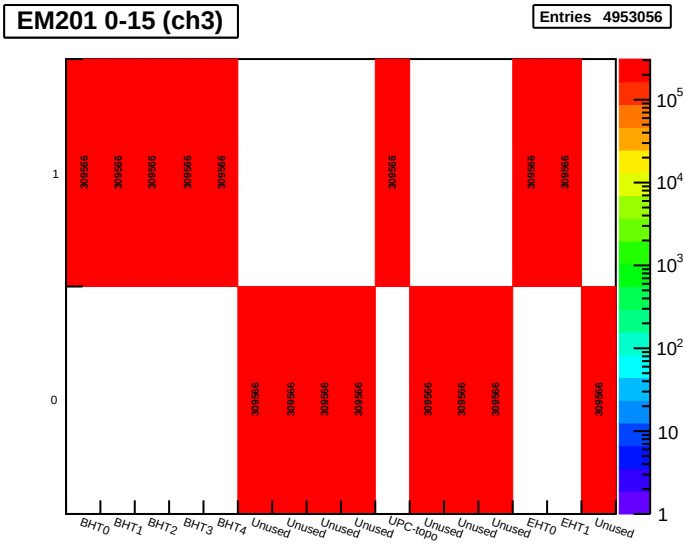

ST201 0-15 (ch6)
Entries 4953056
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309555
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 4953056
1
0
309566
305853
278512
257997
205862
257696
259485
255454
309566
309566
309566
309566
309566
3713
31054
41569
103704
309566
51870
51081
54112
309566
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 4953056
1
0
116037
220987
266016
240223
305192
304235
620
8045
8591
146
283461
300787
161546
194074
243983
193529
88659
43550
69343
4374
5331
308946
301521
300975
309420
309566
26105
8779
148020
115492
65673
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 4953056
1
0
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
309566
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
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Unused
EHT0
EHT1
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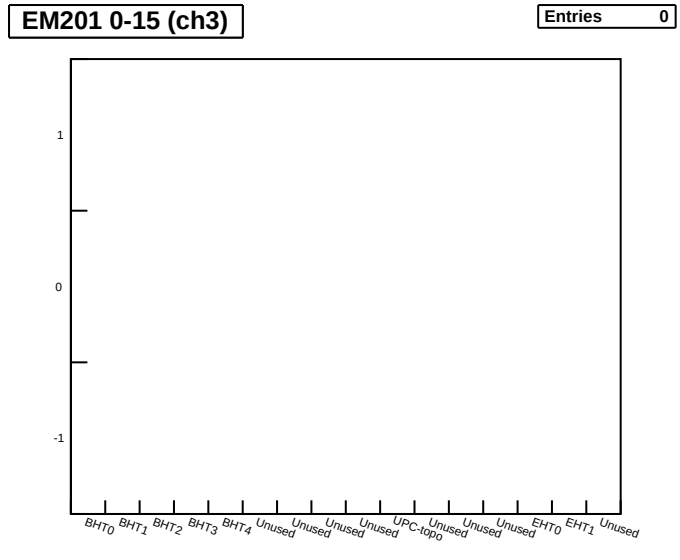
10^4
10^3
10^2
10
1


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