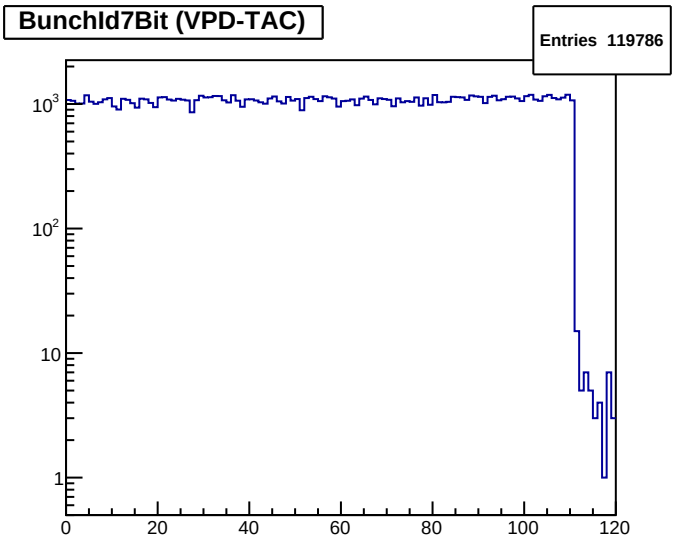
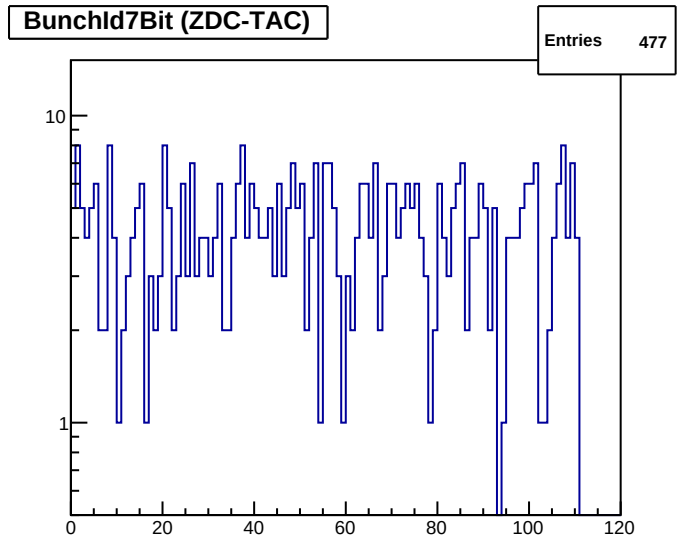
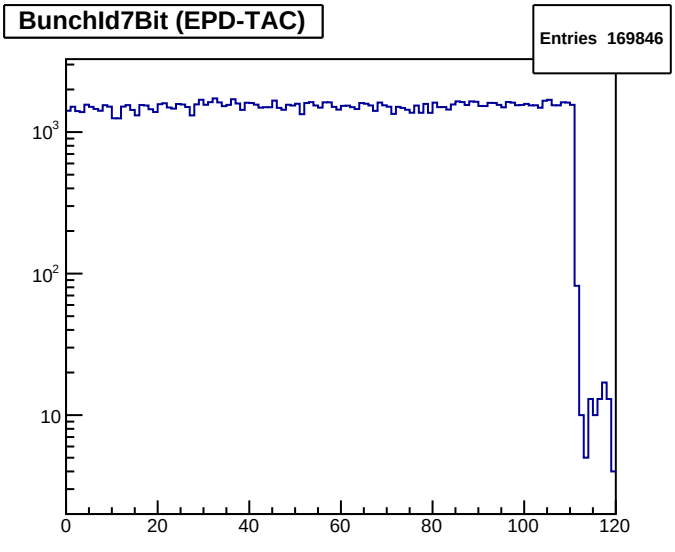
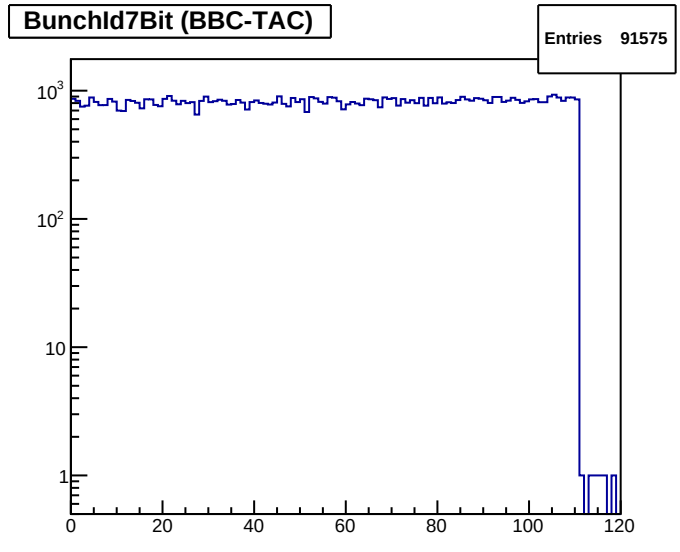
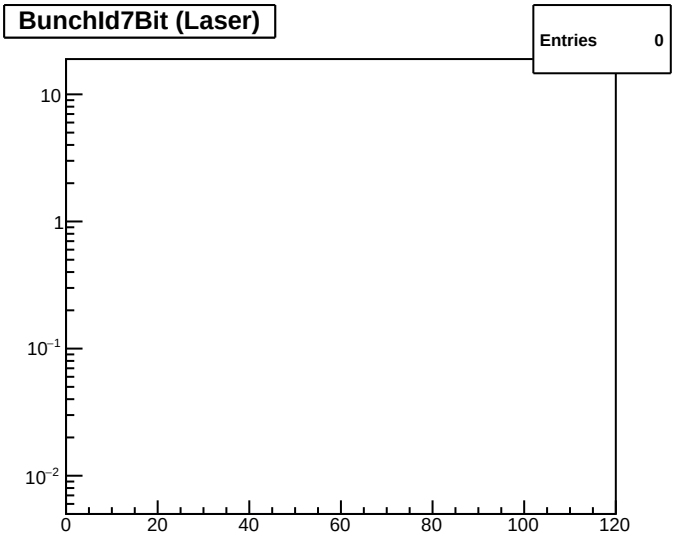
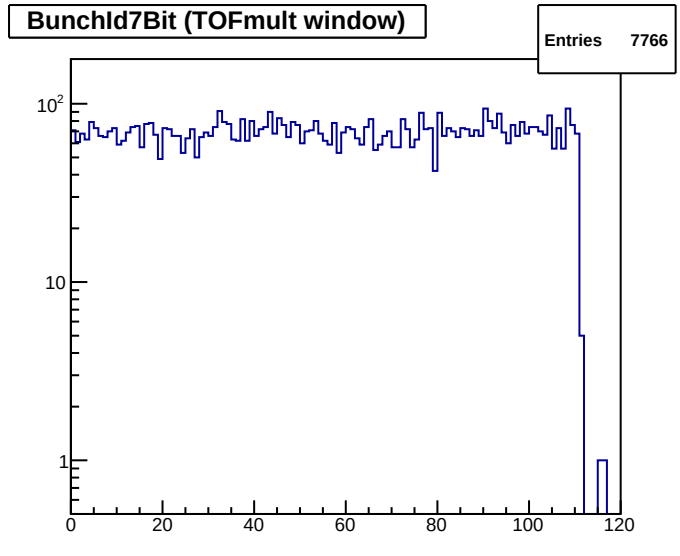

BunchId7Bit (VPD-TAC)
Entries 119786

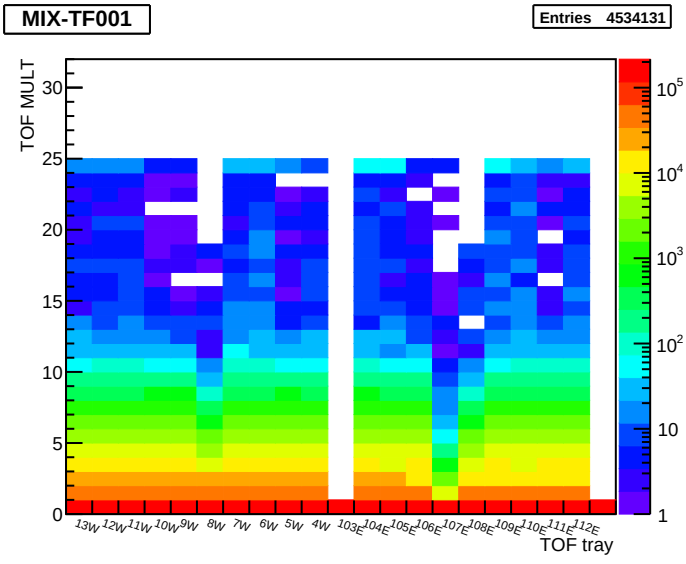

BunchId7Bit (ZDC-TAC)
Entries 477

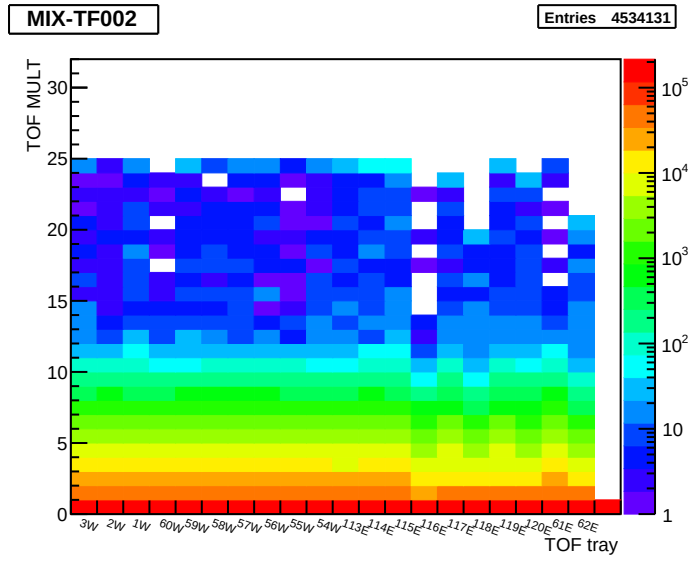

BunchId7Bit (EPD-TAC)
Entries 169846

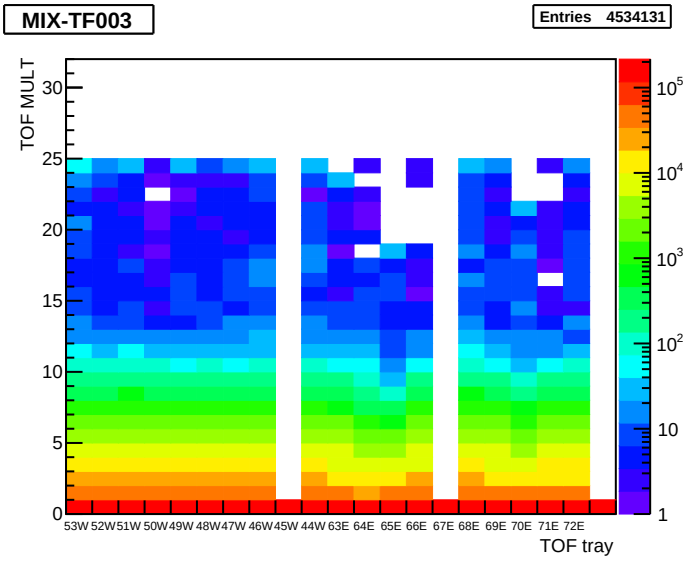

BunchId7Bit (BBC-TAC)
Entries 91575

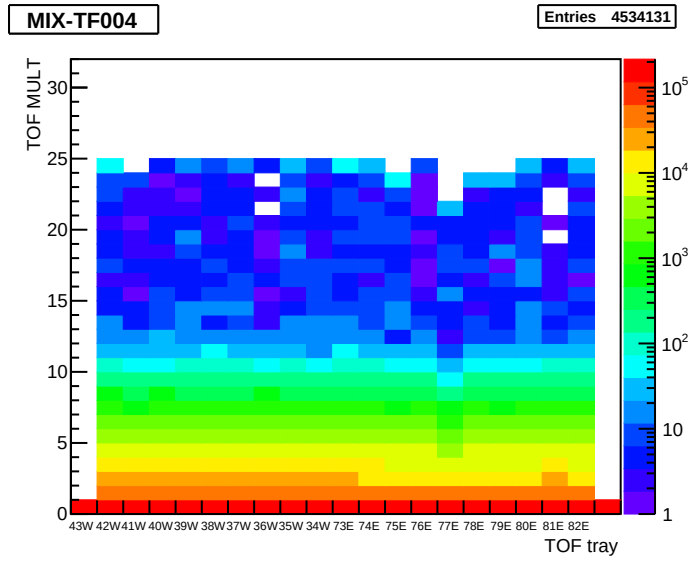

BunchId7Bit (Laser)
Entries 0

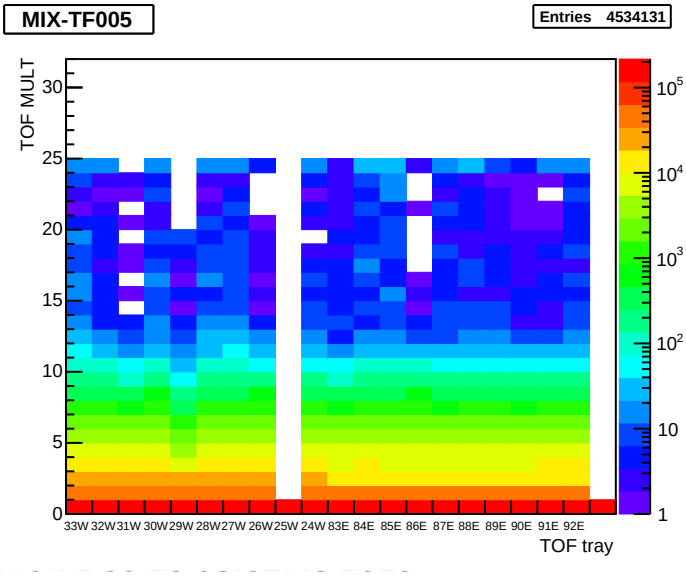

BunchId7Bit (TOFmult window)
Entries 7766

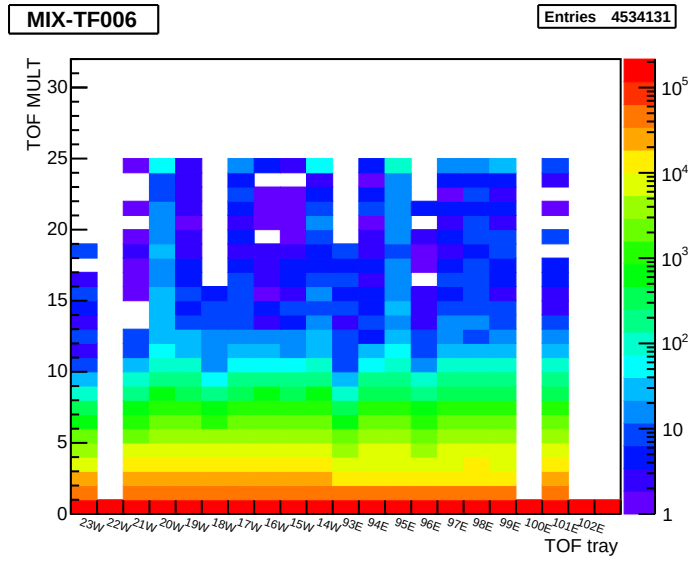

MIX-TF001
Entries 4534131
TOF MULT
TOF tray

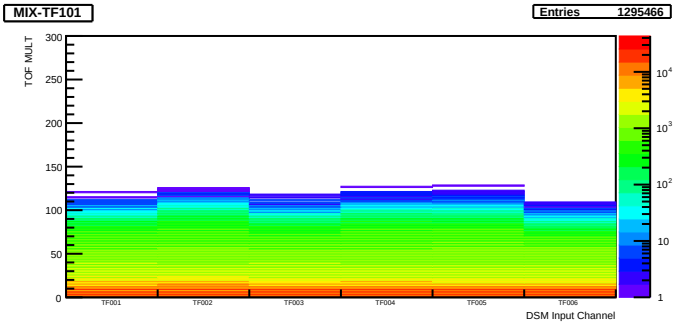

MIX-TF002
Entries 4534131
TOF MULT
TOF tray

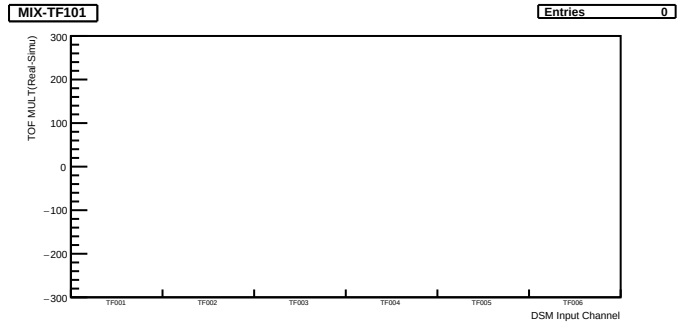

MIX-TF003
Entries 4534131
TOF MULT
TOF tray

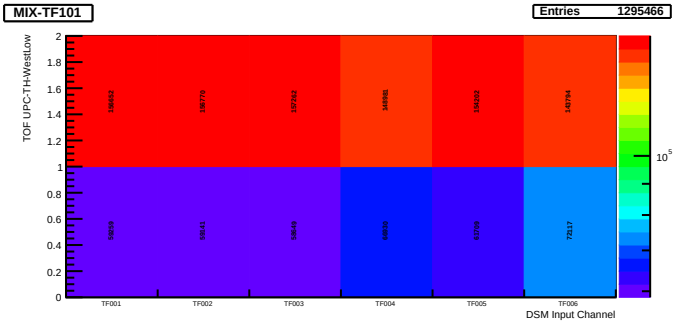

MIX-TF004
Entries 4534131
TOF MULT
TOF tray

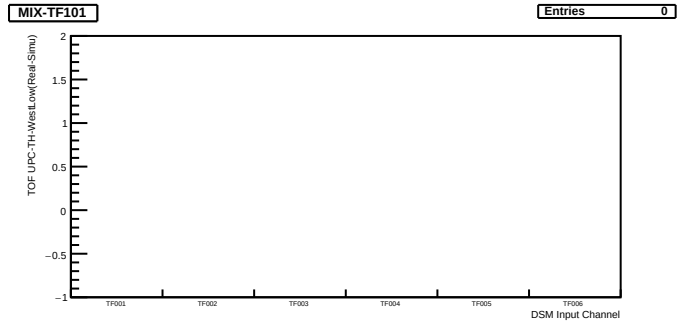

MIX-TF005
Entries 4534131
TOF MULT
TOF tray

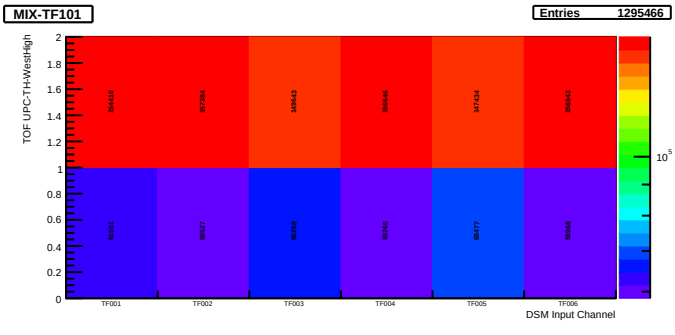

MIX-TF006
Entries 4534131
TOF MULT
TOF tray

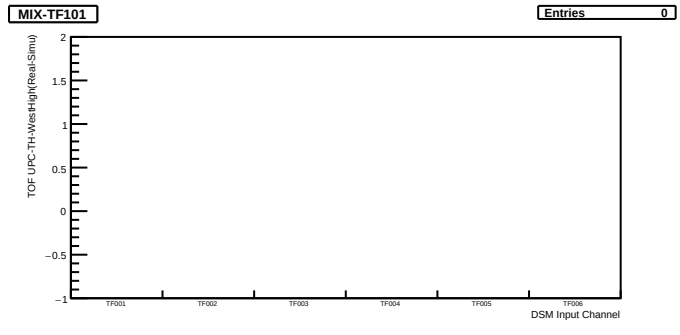

MIX-TF101
Entries 1295466
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

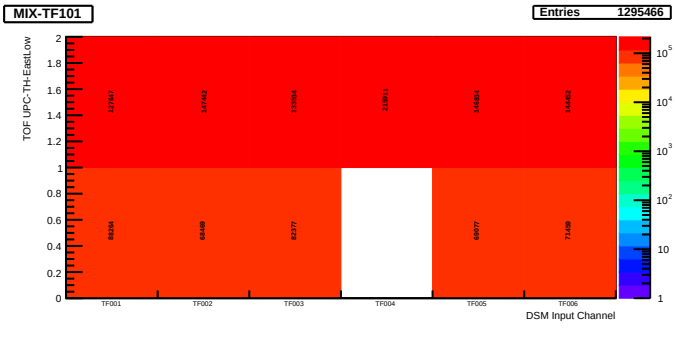

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

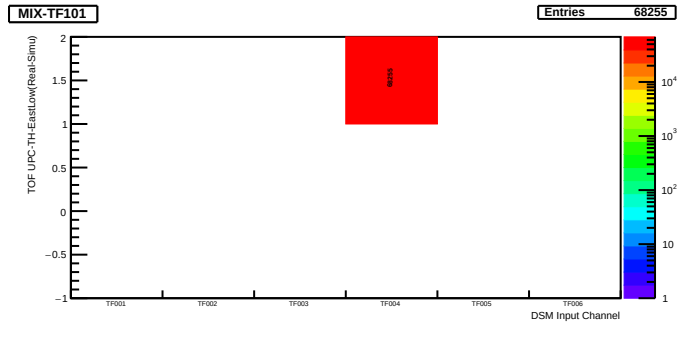

MIX-TF101
Entries 1295466
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

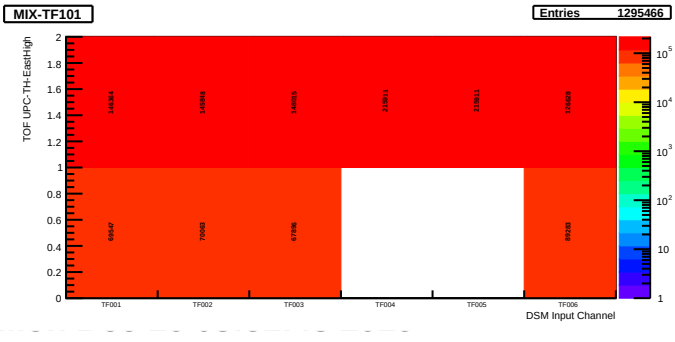

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

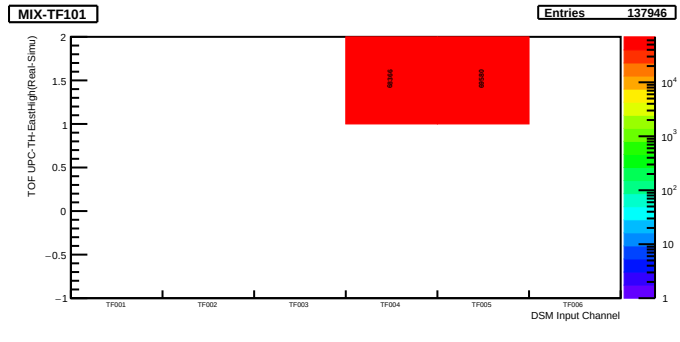

MIX-TF101
Entries 1295466
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

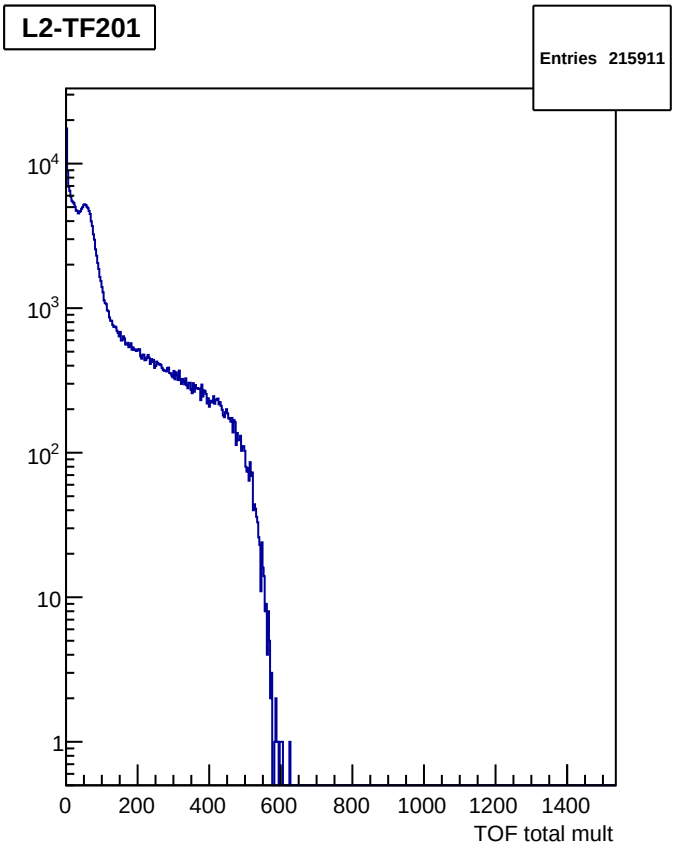

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

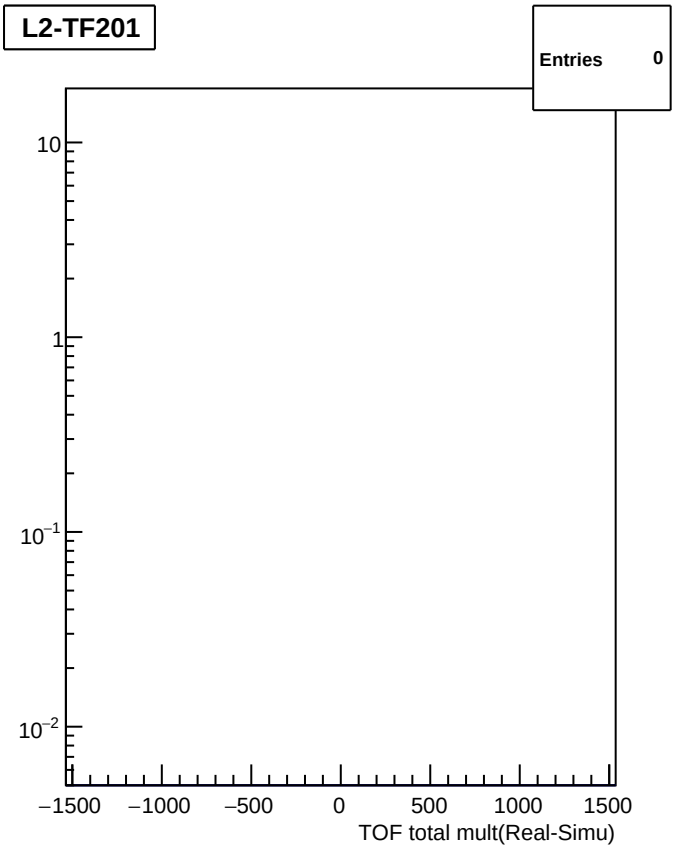

MIX-TF101
Entries 1295466
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

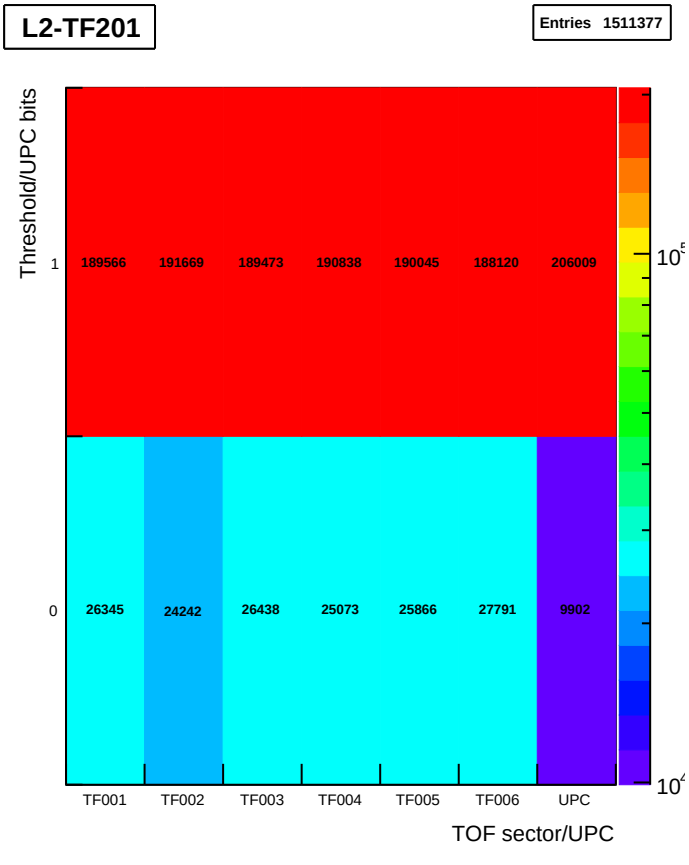

MIX-TF101
Entries 68255
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

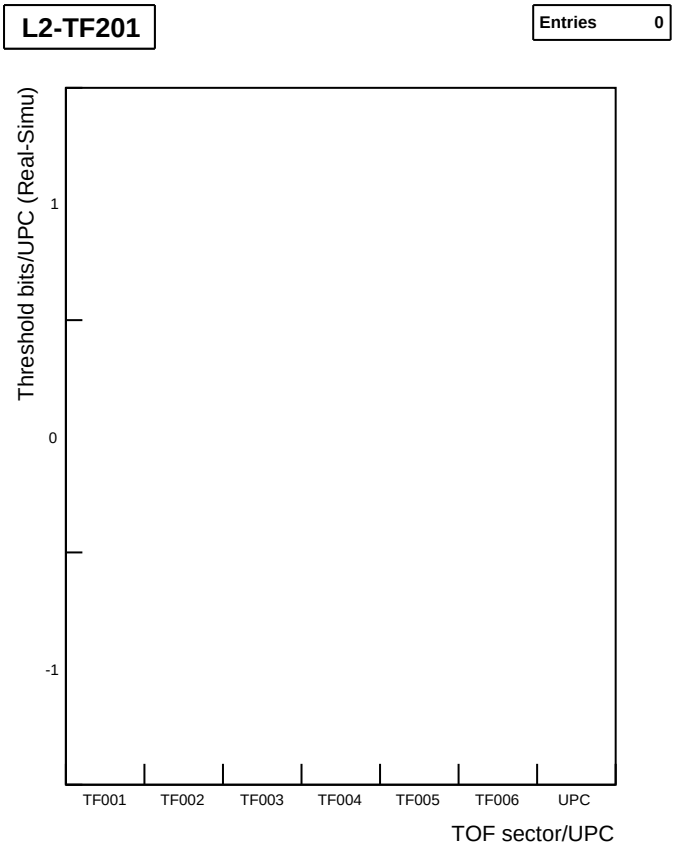

MIX-TF101
Entries 1295466
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

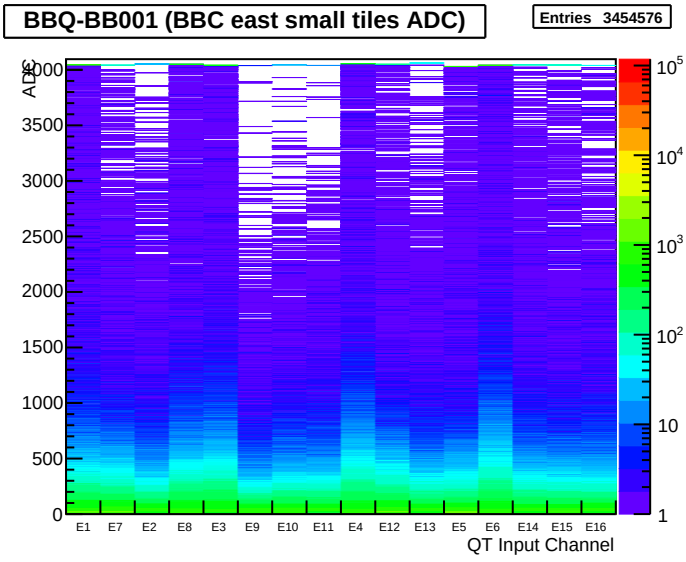

MIX-TF101
Entries 137946
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

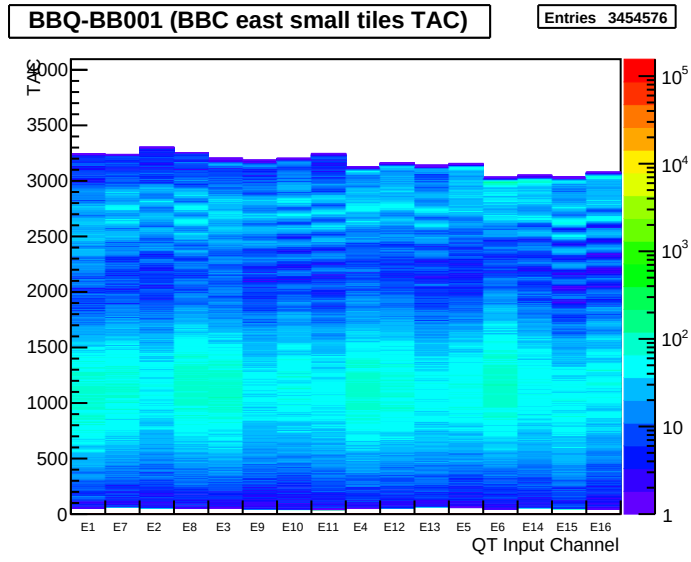

L2-TF201
Entries 215911
TOF total mult

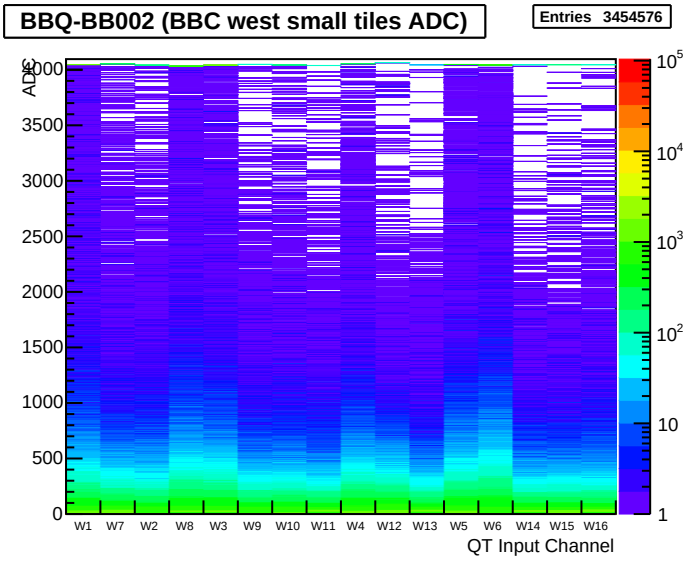

L2-TF201
Entries 0
TOF total mult(Real-Simu)

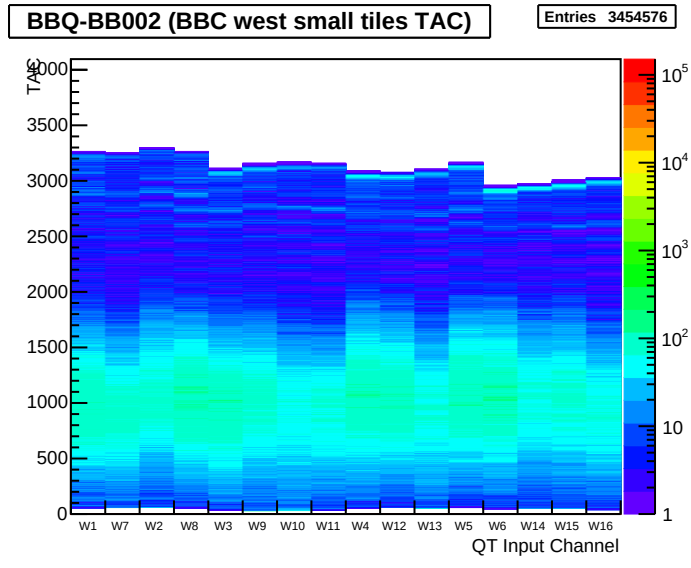

L2-TF201
Entries 1511377
Threshold/UPC bits
189566
191669
189473
190838
190045
188120
206009
26345
24242
26438
25073
25866
27791
9902
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

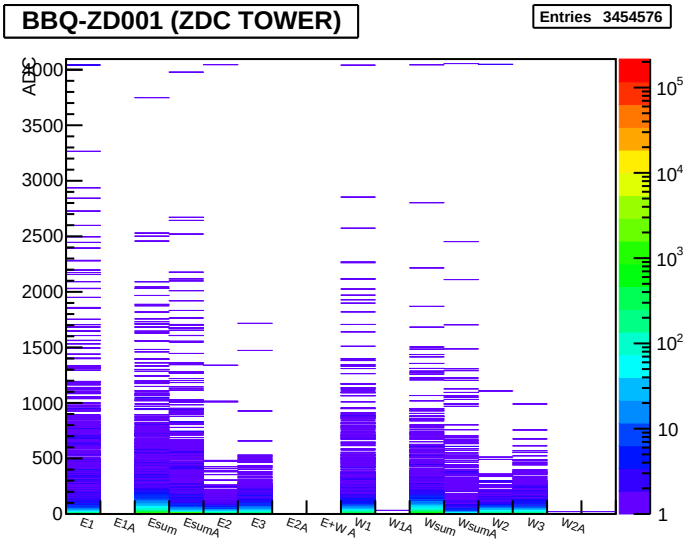

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

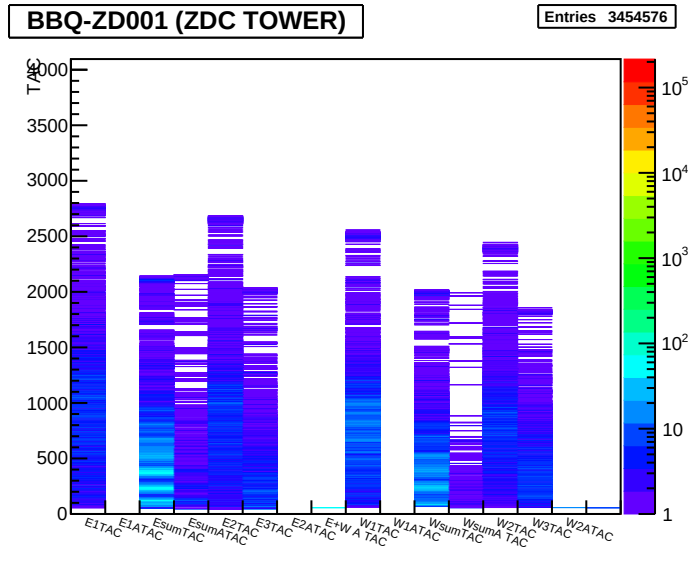

BBQ-BB001 (BBC east small tiles ADC)
Entries 3454576
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

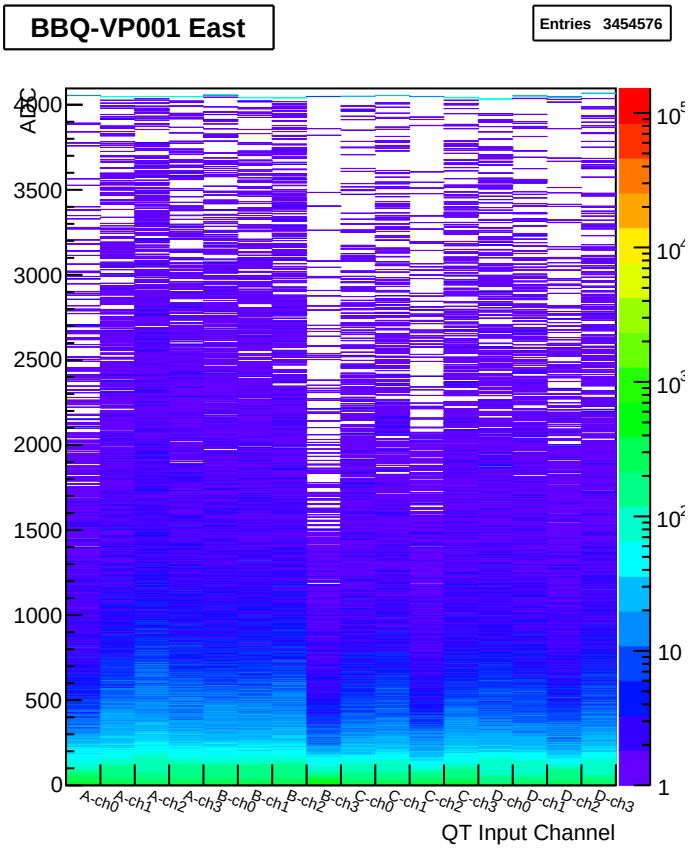

BBQ-BB001 (BBC east small tiles TAC)
Entries 3454576
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

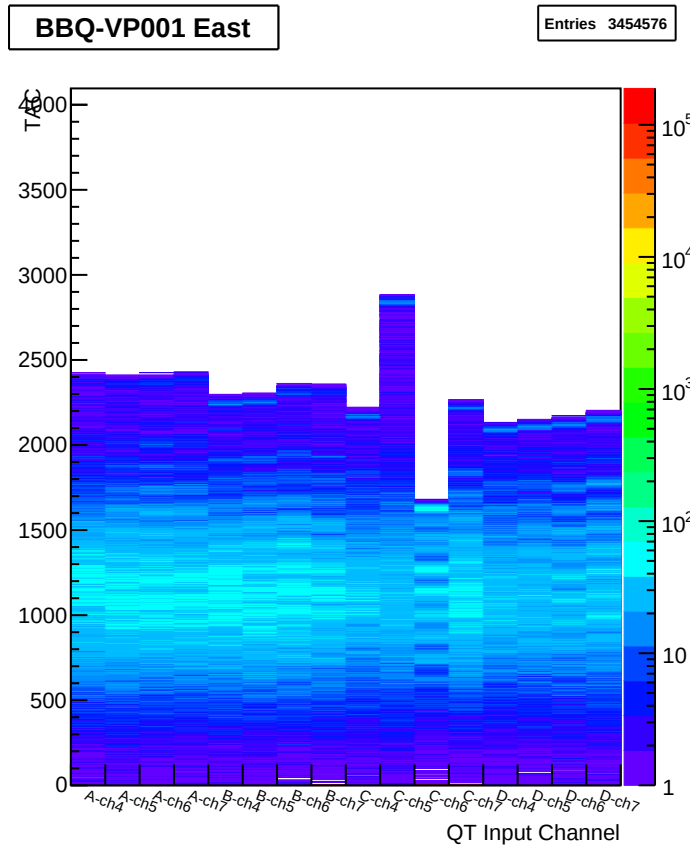

BBQ-BB002 (BBC west small tiles ADC)
Entries 3454576
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

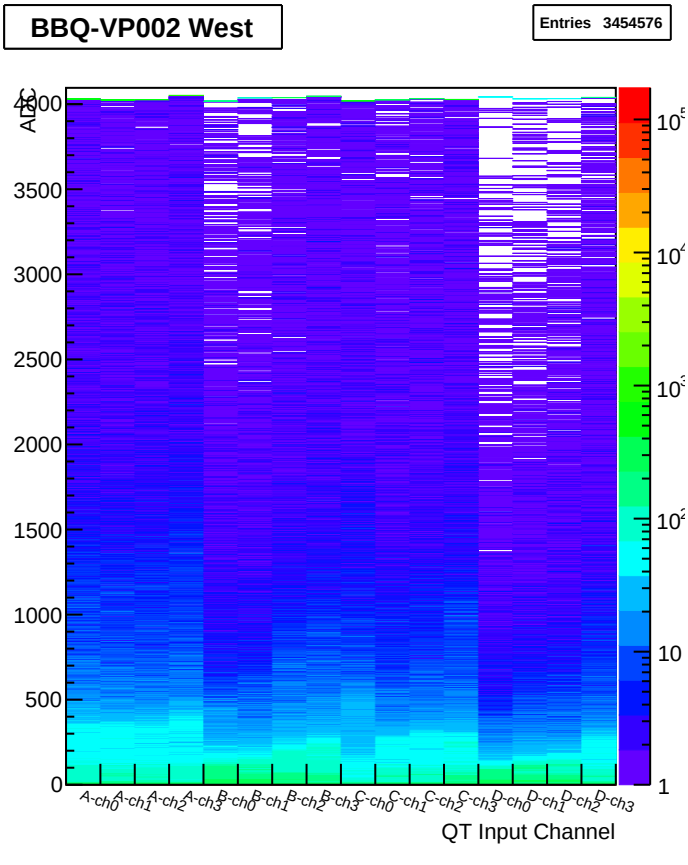

BBQ-BB002 (BBC west small tiles TAC)
Entries 3454576
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

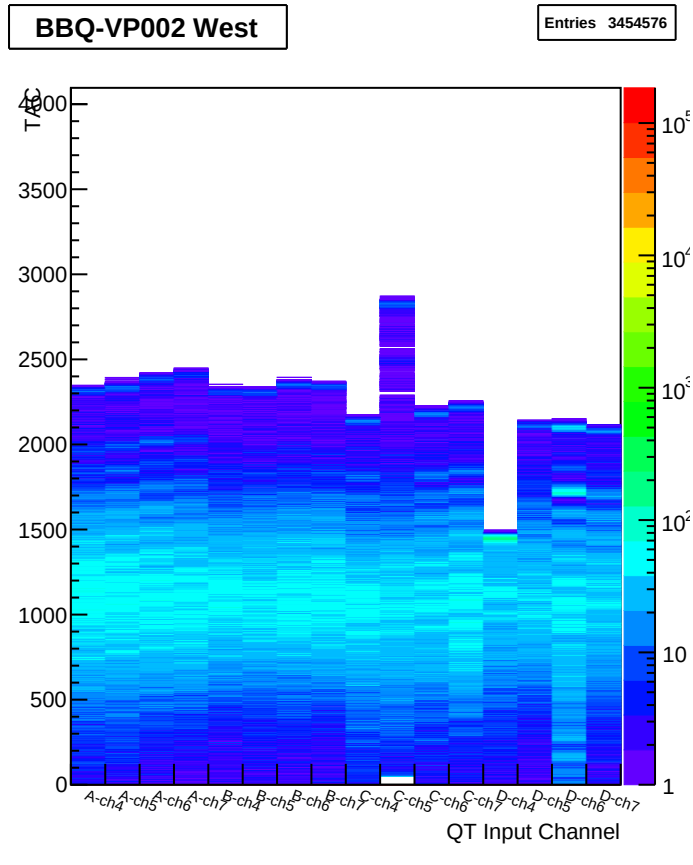

BBQ-ZD001 (ZDC TOWER)
Entries 3454576
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

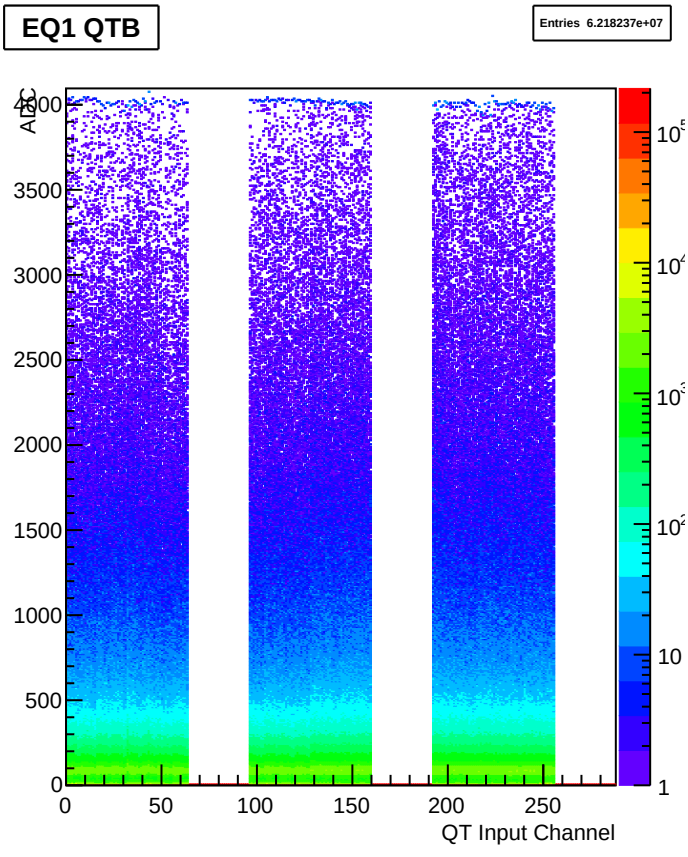

BBQ-ZD001 (ZDC TOWER)
Entries 3454576
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

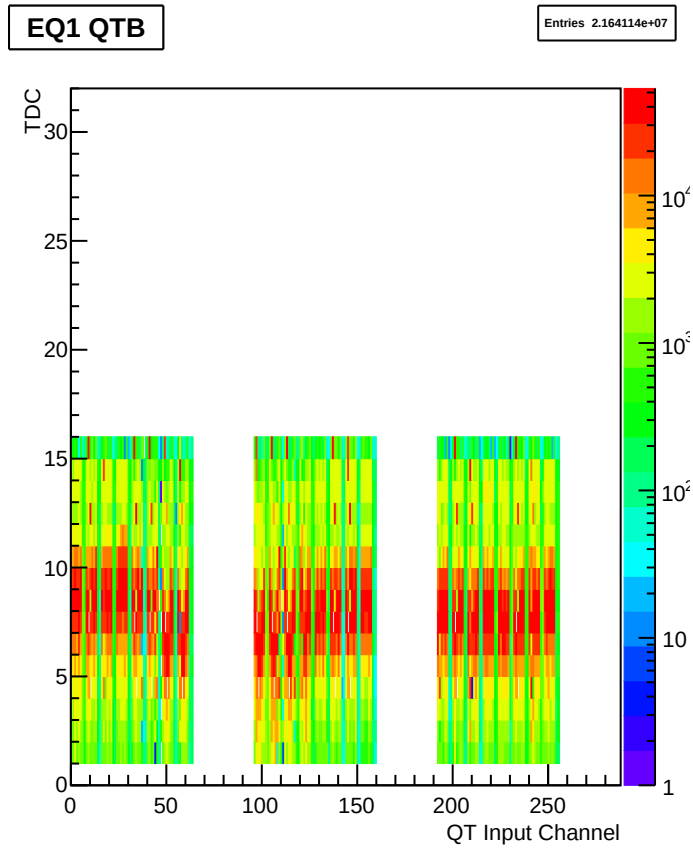

BBQ-VP001 East
Entries 3454576
ADC
QT Input Channel

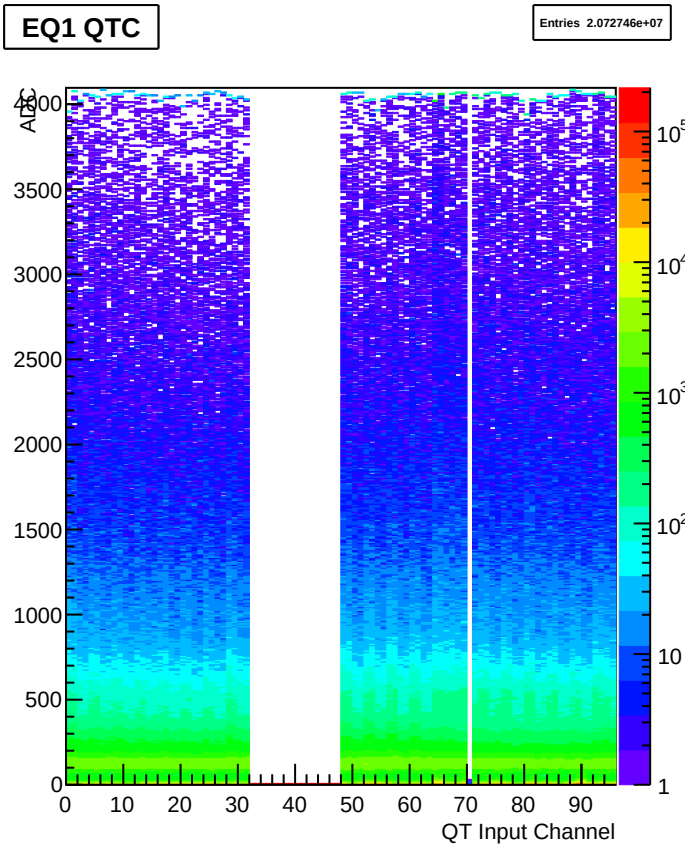

BBQ-VP001 East
Entries 3454576
TADC
QT Input Channel

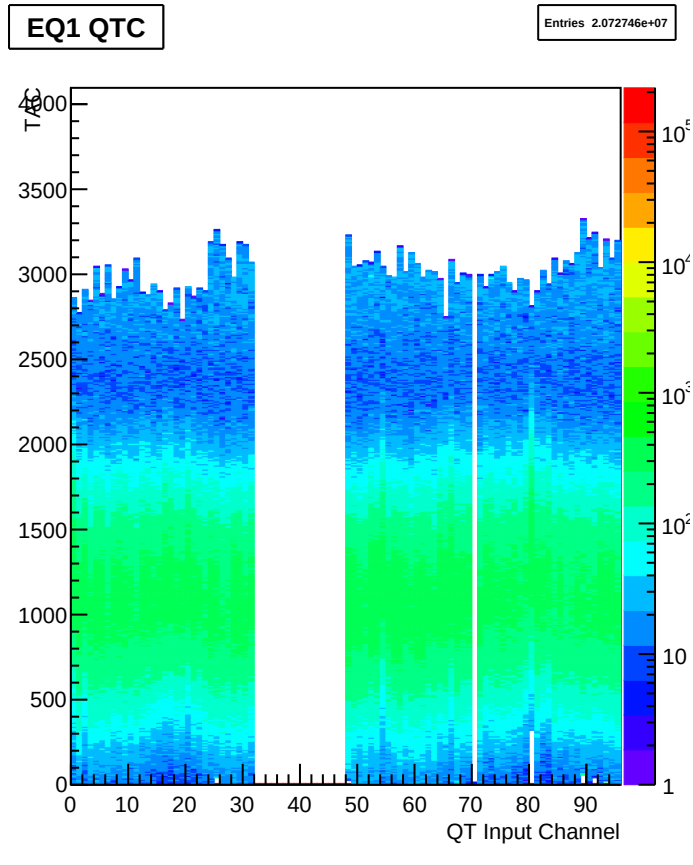

BBQ-VP002 West
Entries 3454576
ADC
QT Input Channel

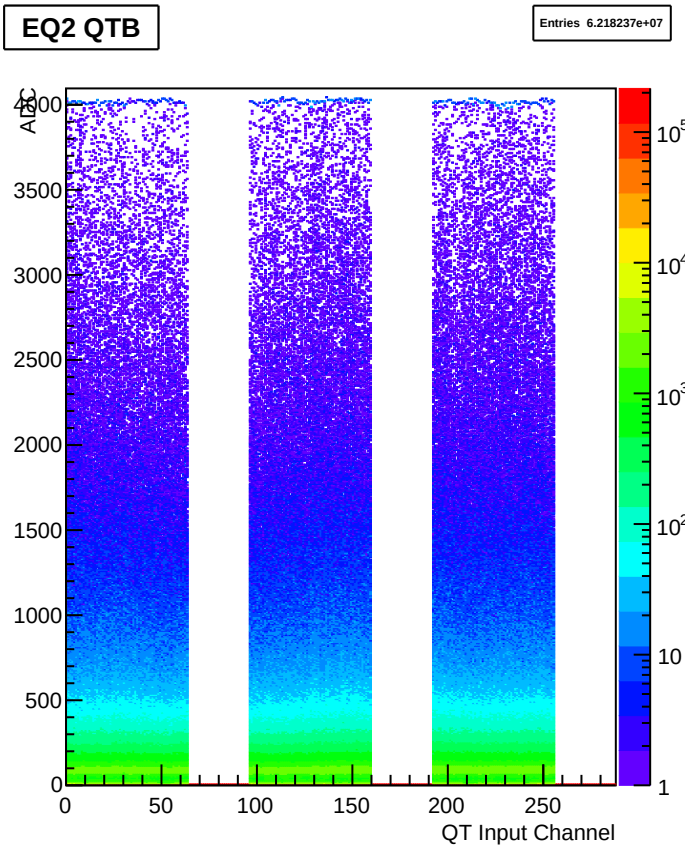

BBQ-VP002 West
Entries 3454576
TADC
QT Input Channel

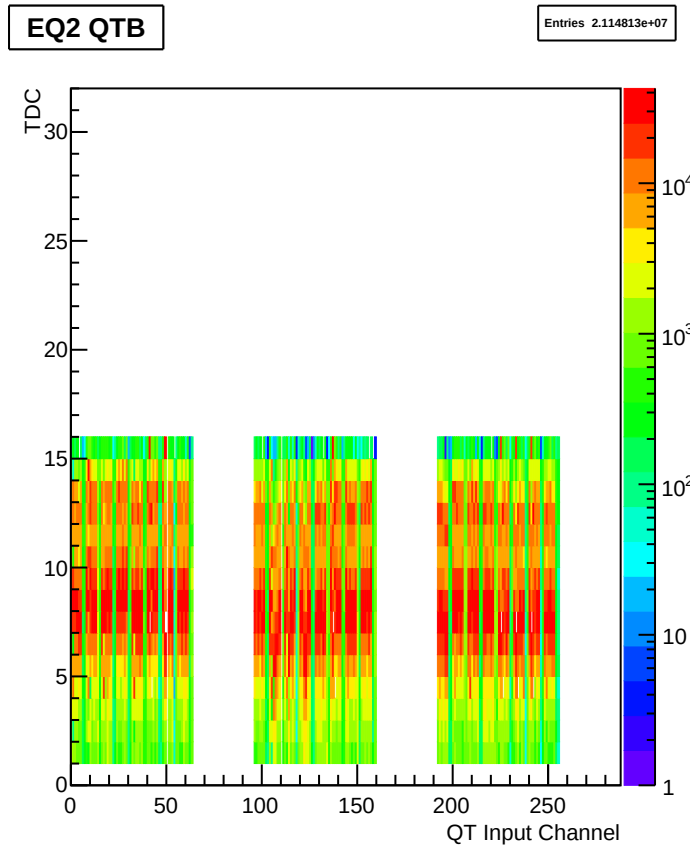

EQ1 QTB
Entries 6.218237e+07
ADC
QT Input Channel

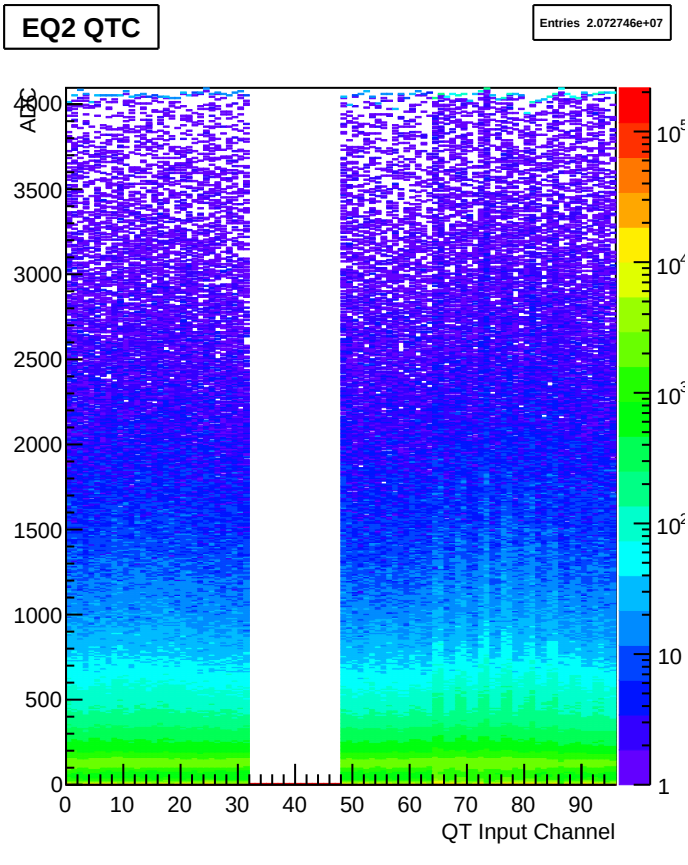

EQ1 QTB
Entries 2.164114e+07
TDC
QT Input Channel

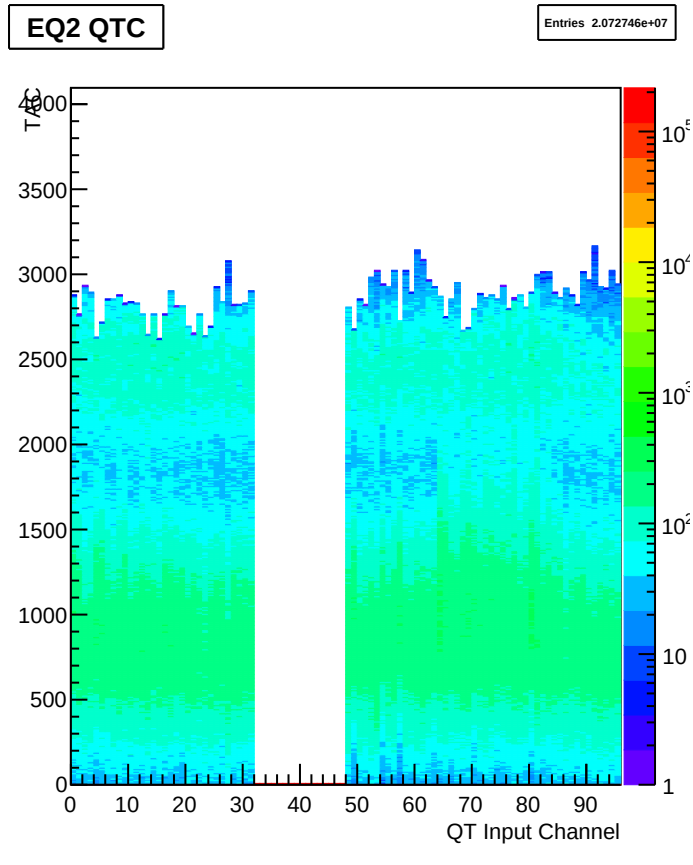

EQ1 QTC
Entries 2.072746e+07
ADC
QT Input Channel

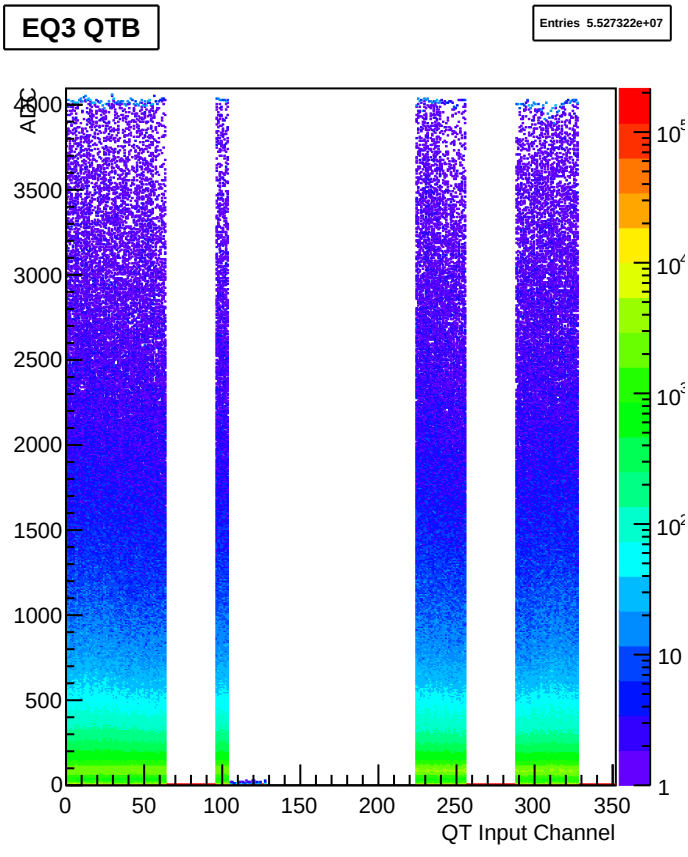

EQ1 QTC
Entries 2.072746e+07
TADC
QT Input Channel

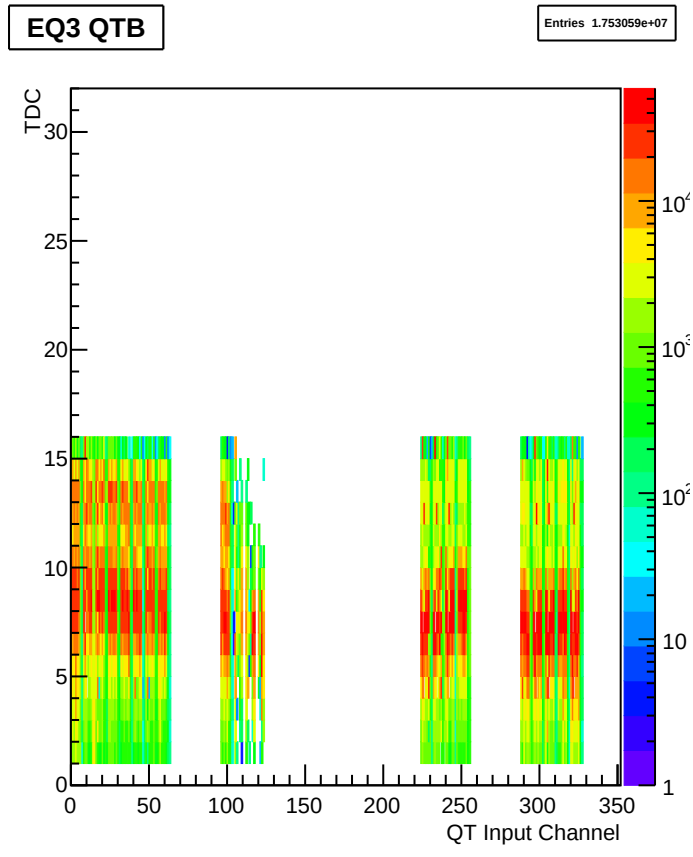

EQ2 QTB
Entries 6.218237e+07
ADC
QT Input Channel

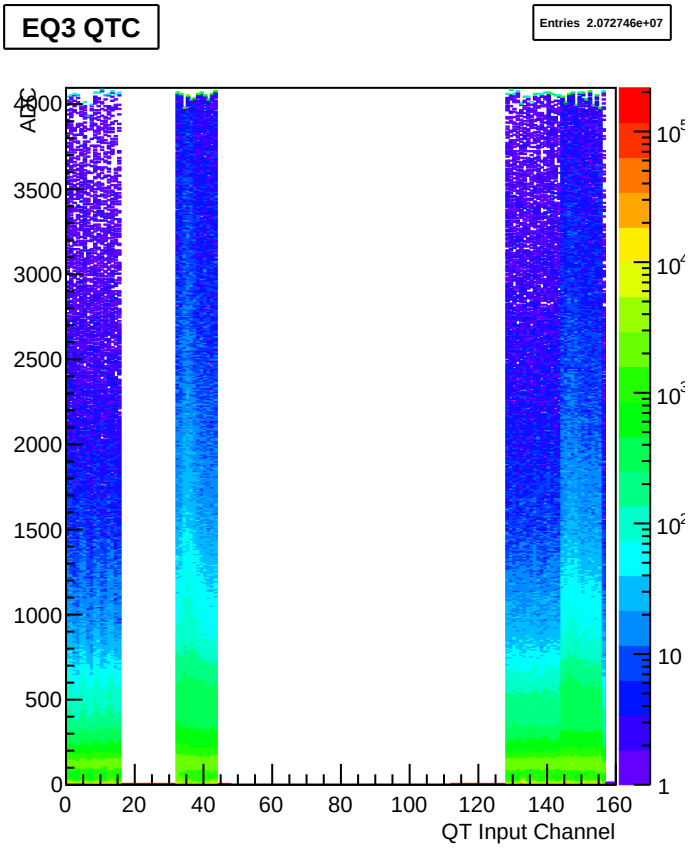

EQ2 QTB
Entries 2.114813e+07
TDC
QT Input Channel

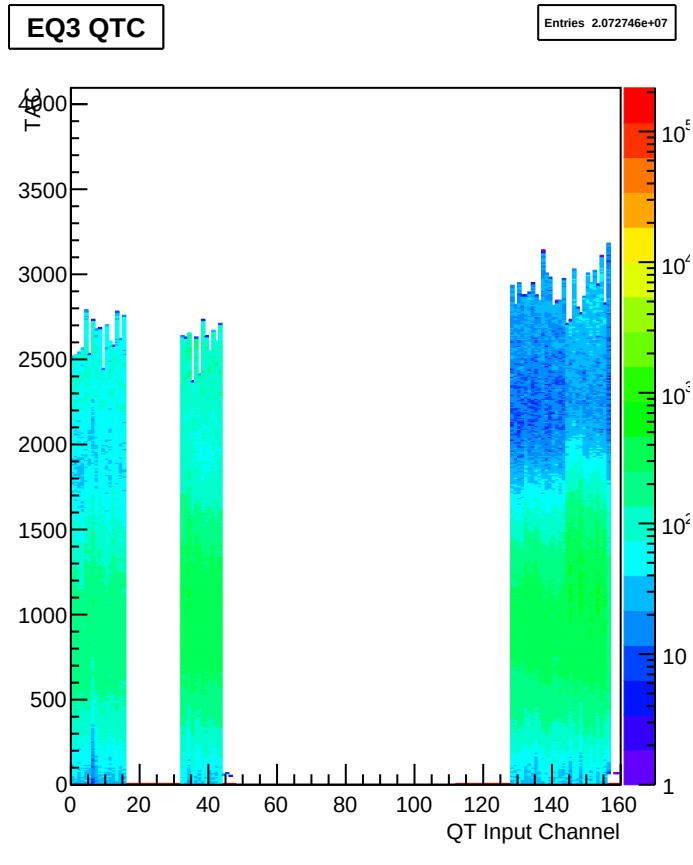

EQ2 QTC
Entries 2.072746e+07
ADC
QT Input Channel

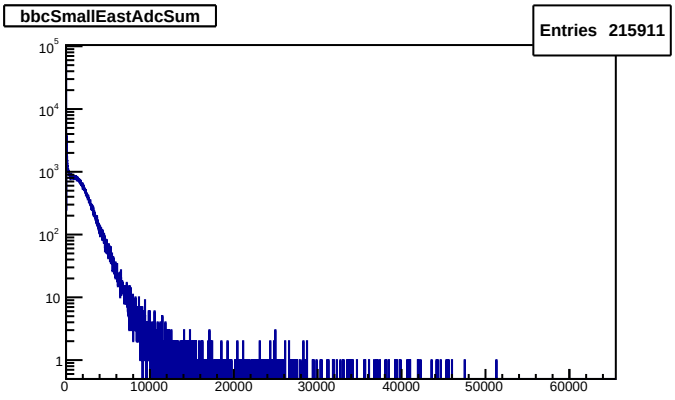

EQ2 QTC
Entries 2.072746e+07
TADC
QT Input Channel

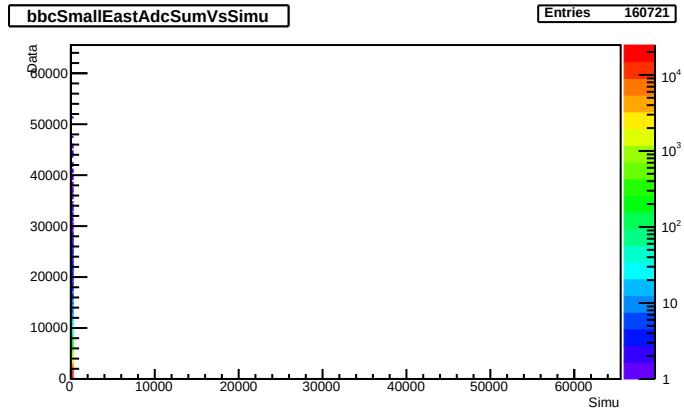

EQ3 QTB
Entries 5.527322e+07
ADC
QT Input Channel

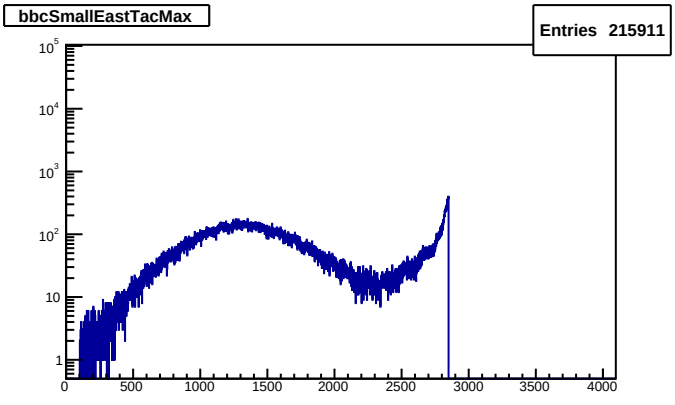

EQ3 QTB
Entries 1.753059e+07
TDC
QT Input Channel

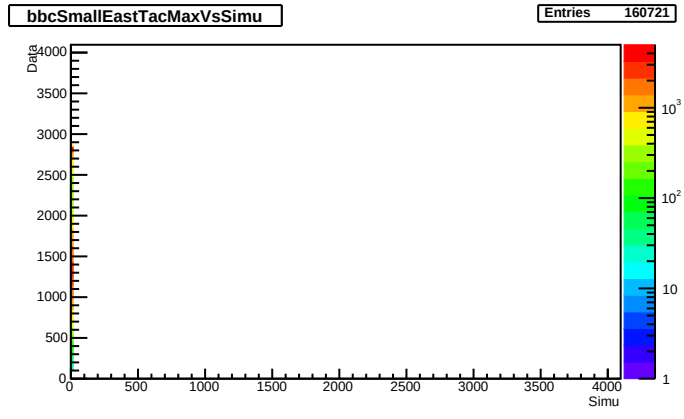

EQ3 QTC
Entries 2.072746e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.072746e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 215911


bbcSmallEastAdcSumVsSimu
Entries 160721
Data
Simu


bbcSmallEastTacMax
Entries 215911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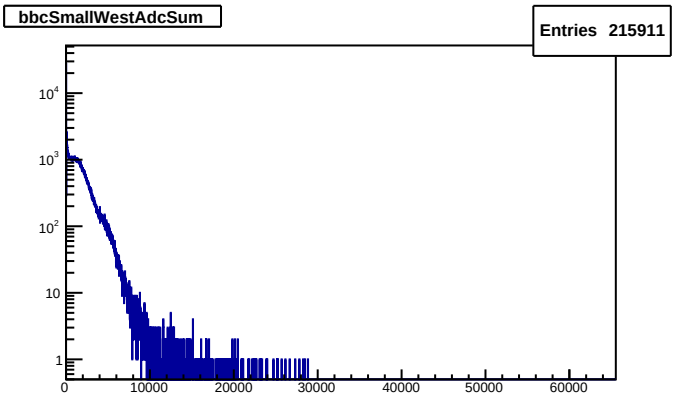
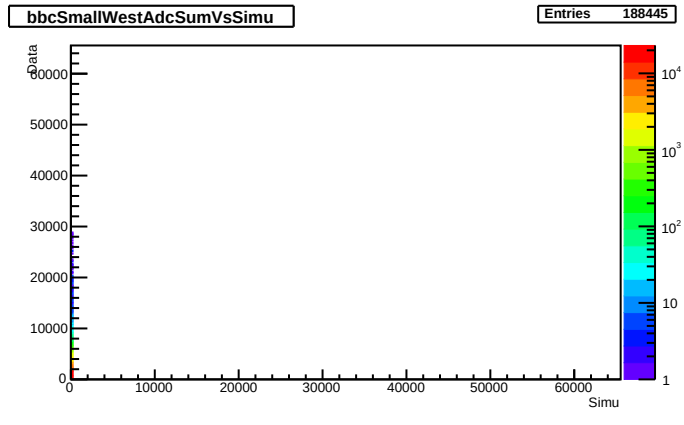
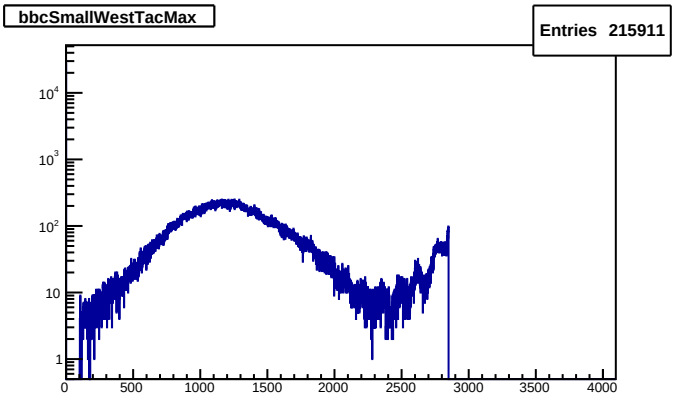
Entries 160721
Data
Simu


bbcSmallWestAdcSum
Entries 215911


bbcSmallWestAdcSumVsSimu
Entries 188445
Data
Simu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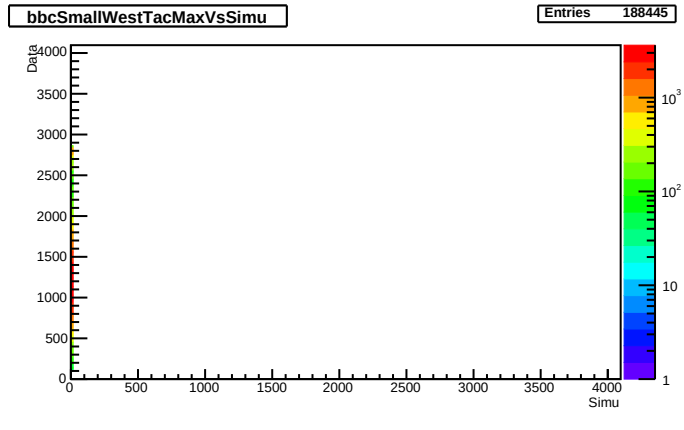
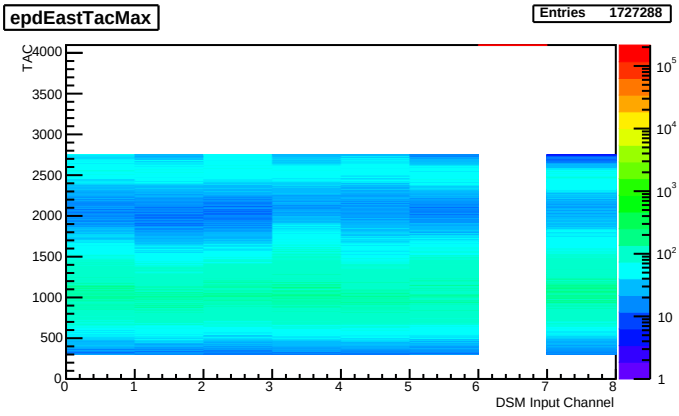
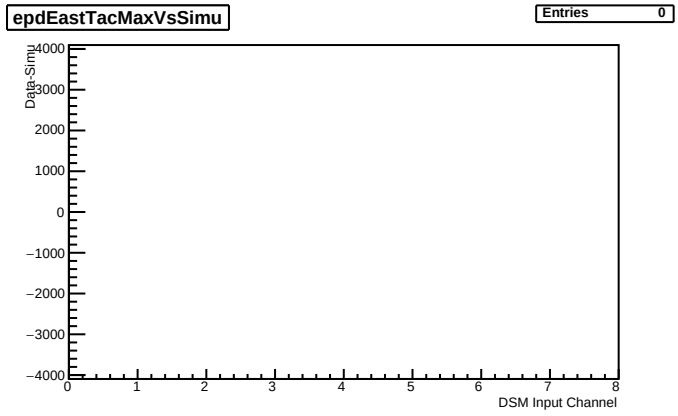
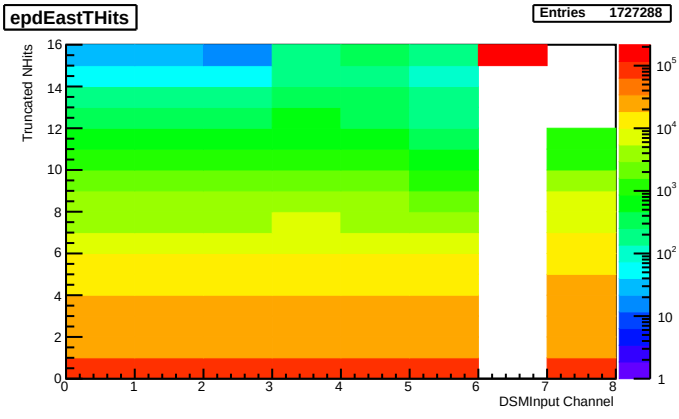
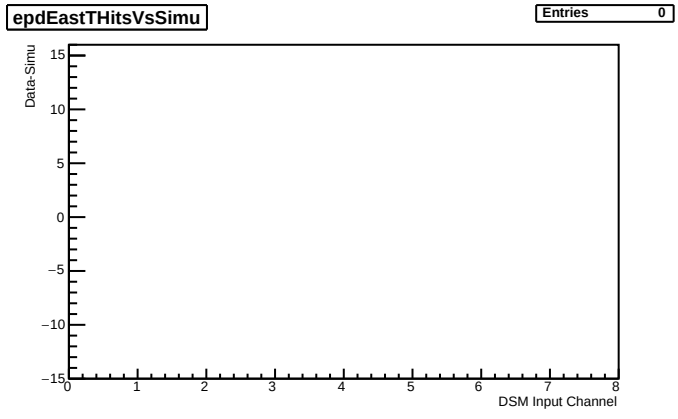
Entries 215911


bbcSmallWestTacMaxVsSimu
Entries 188445
Data
Simu


epdEastTacMax
Entries 1727288
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1727288
Truncated NHits
DSMInput Channel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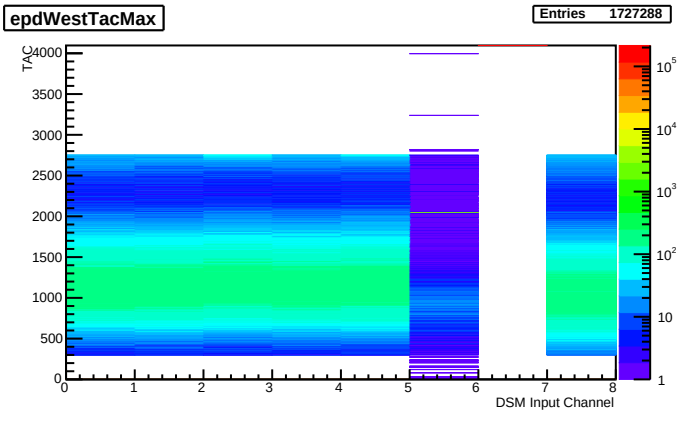
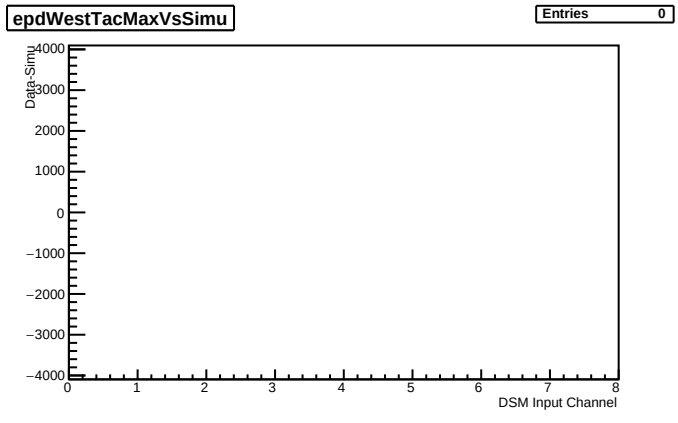
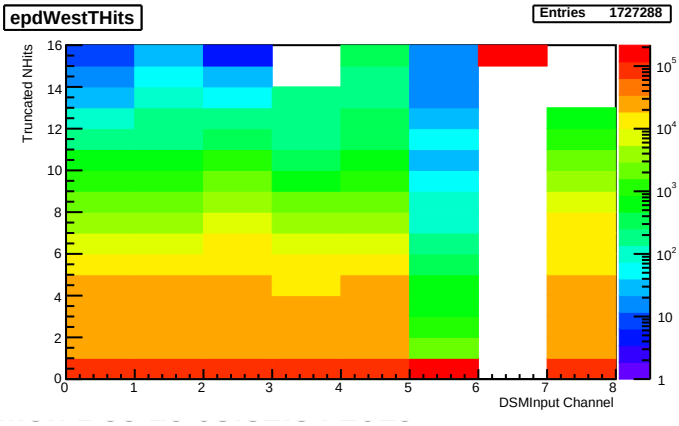
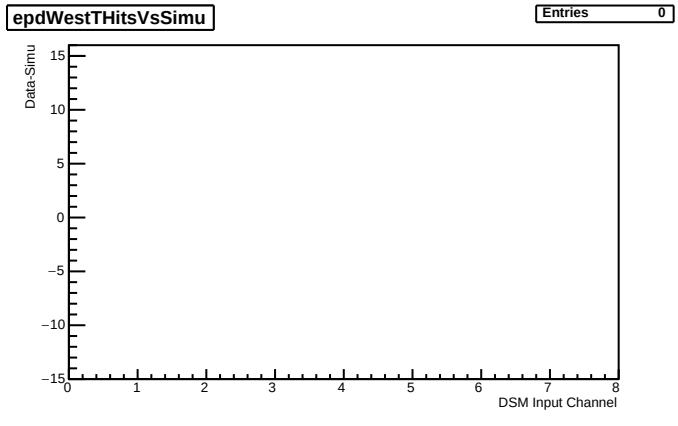
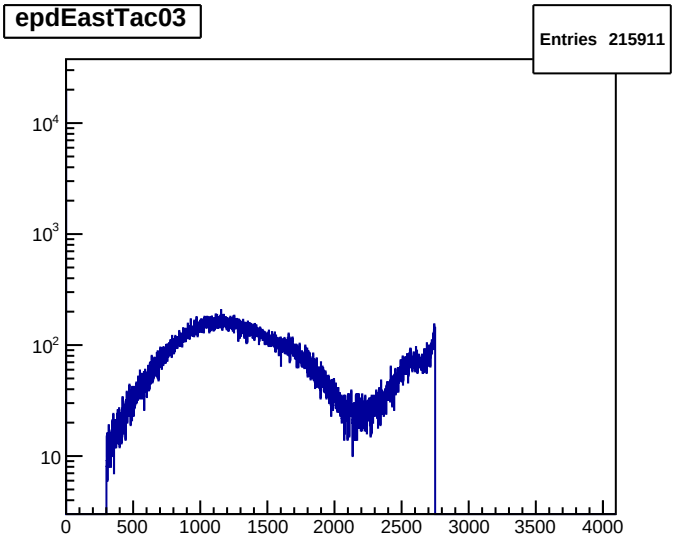
Entries 0
Data-Simu
DSM Input Channel

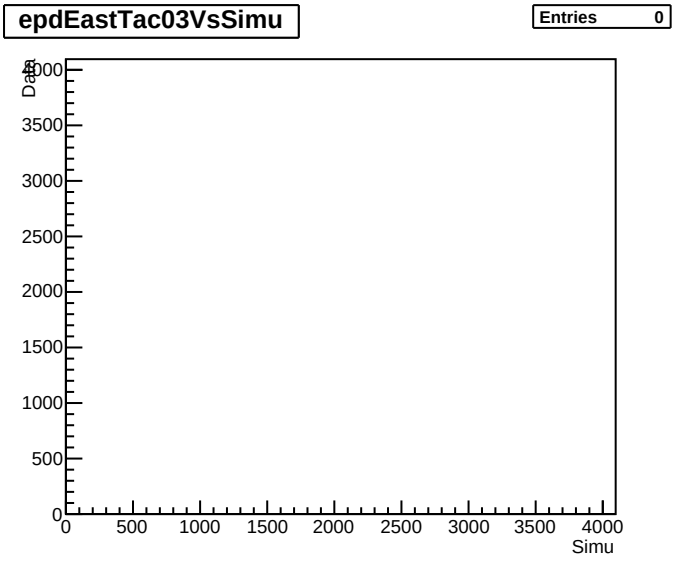

epdWestTacMax
Entries 1727288
TAC
DSM Input Channel

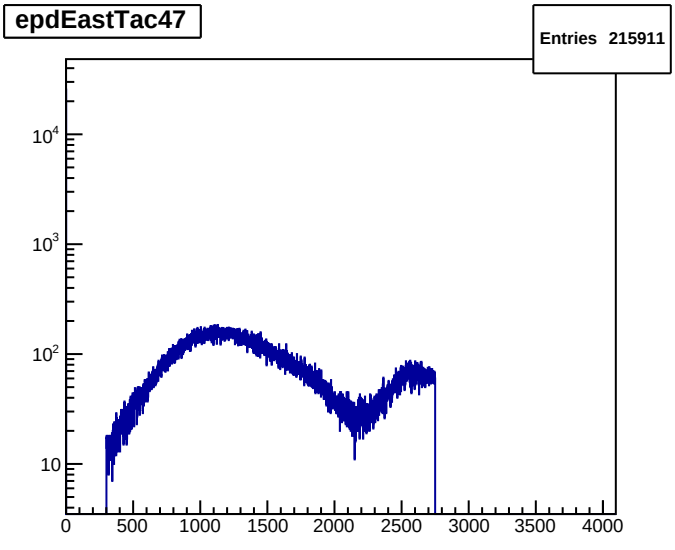

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

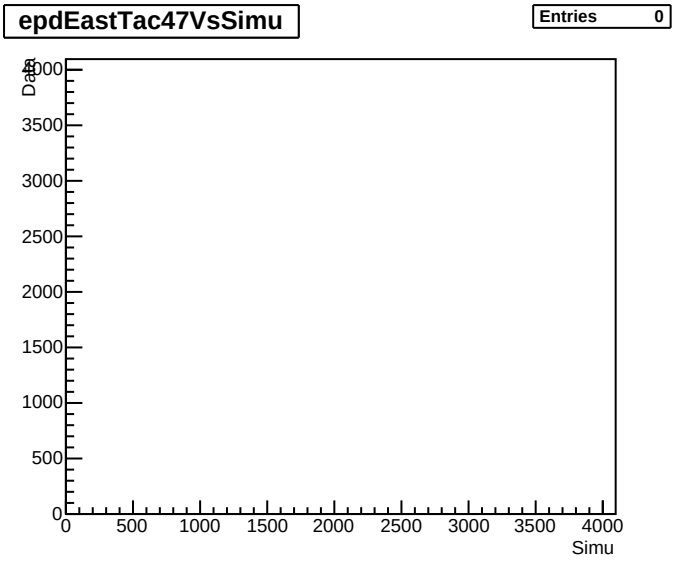

epdWestTHits
Entries 1727288
Truncated NHits
DSMInput Channel

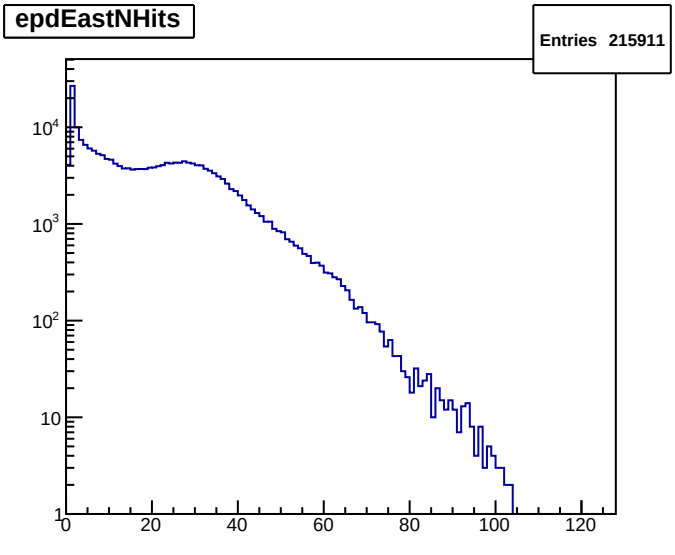

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

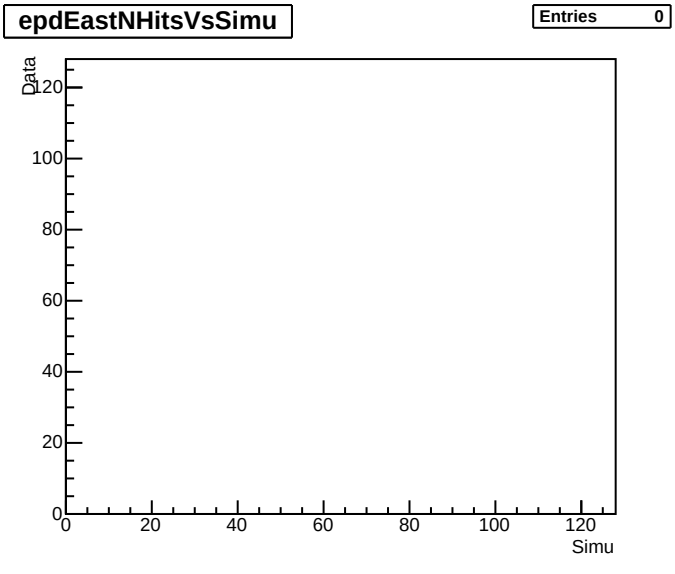

epdEastTac03
Entries 215911


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 215911


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 215911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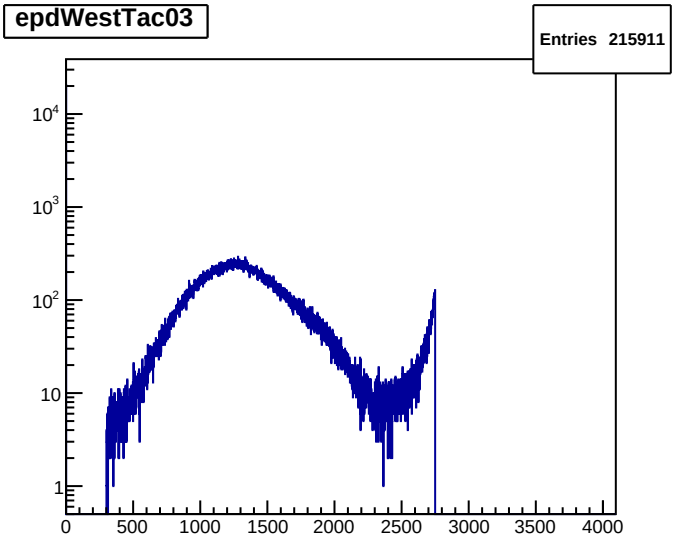
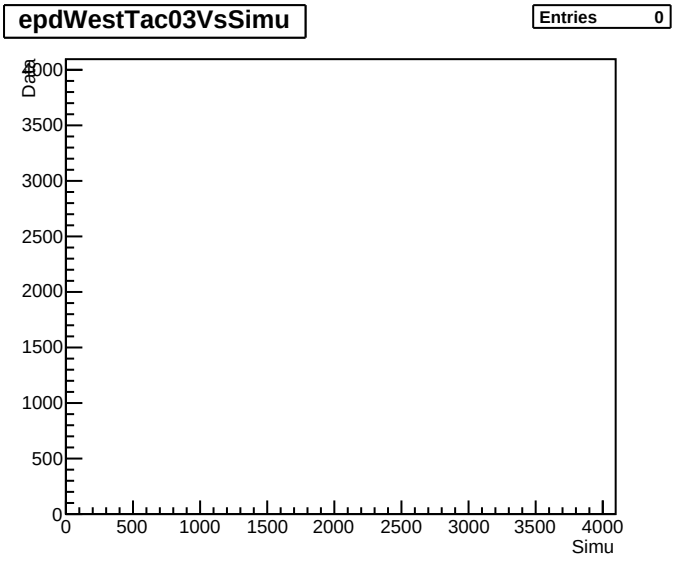
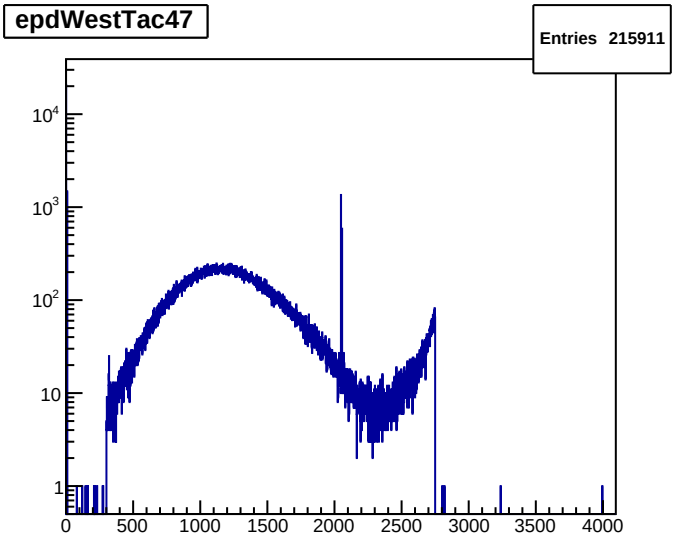
Entries 0
Data
Simu


epdWestTac03
Entries 215911


epdWestTac03VsSimu
Entries 0
Data
Simu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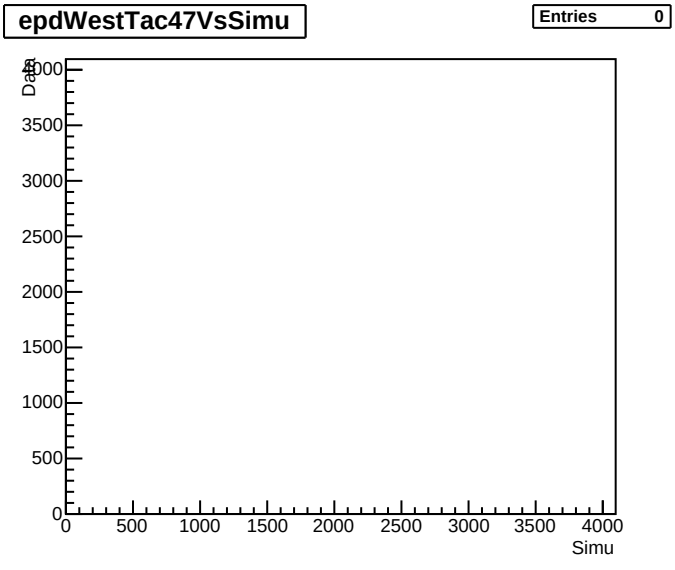
Entries 215911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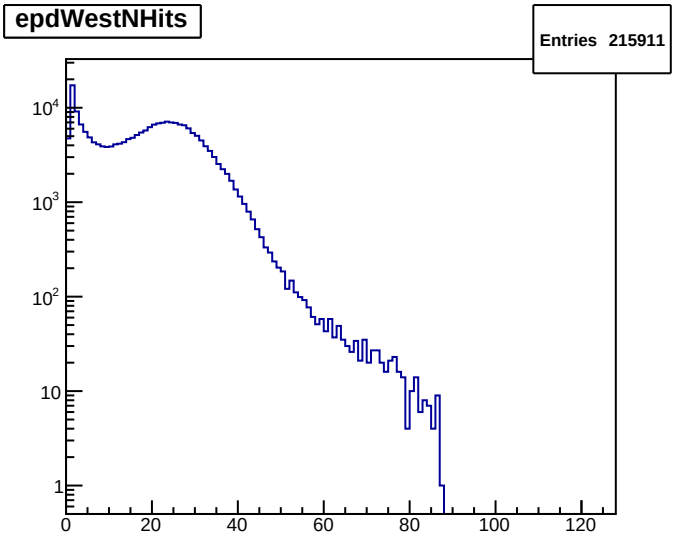
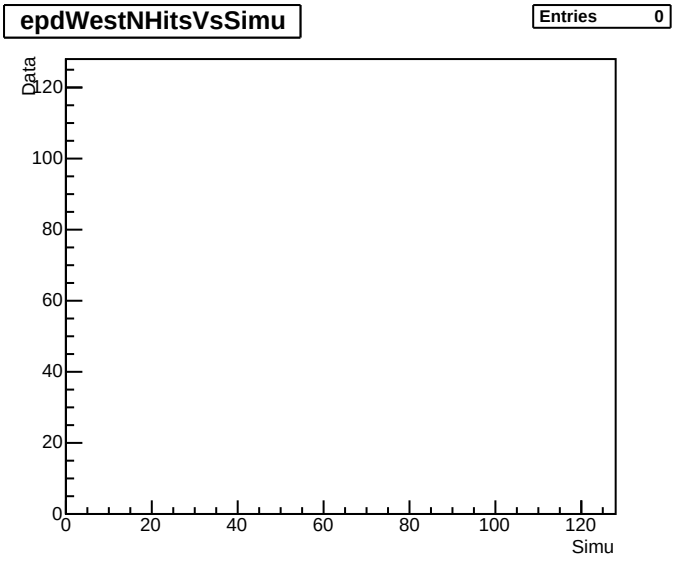
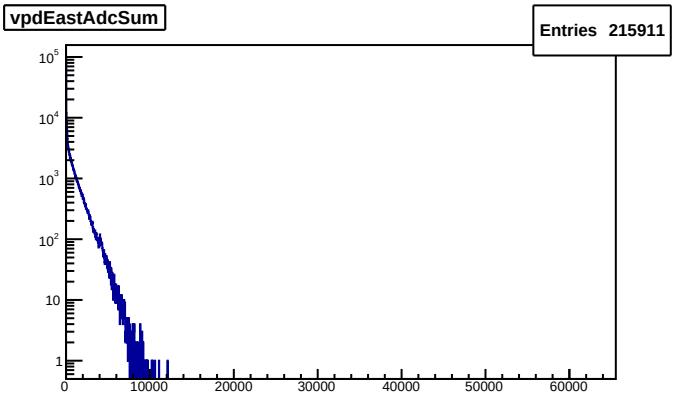
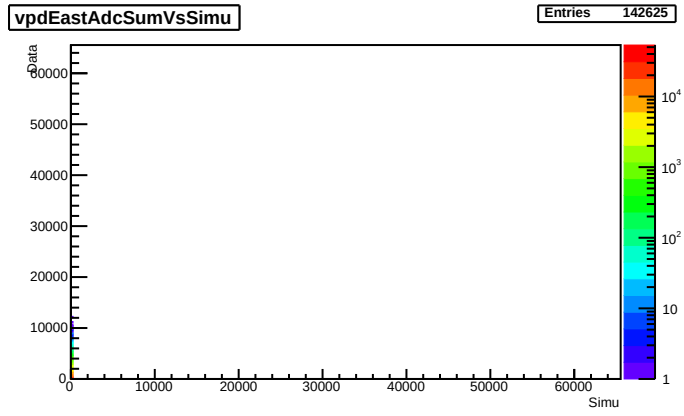
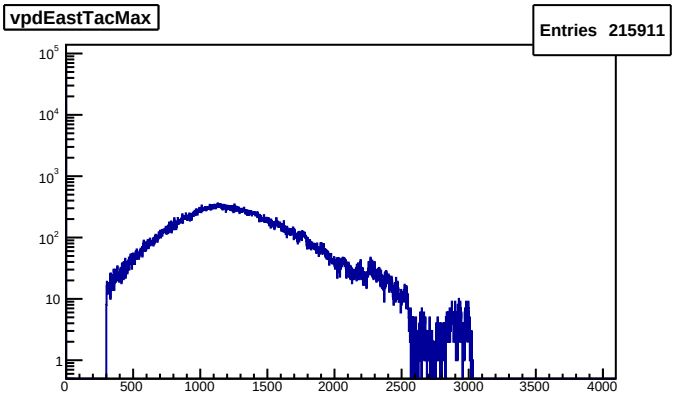
Entries 0
Data
Simu

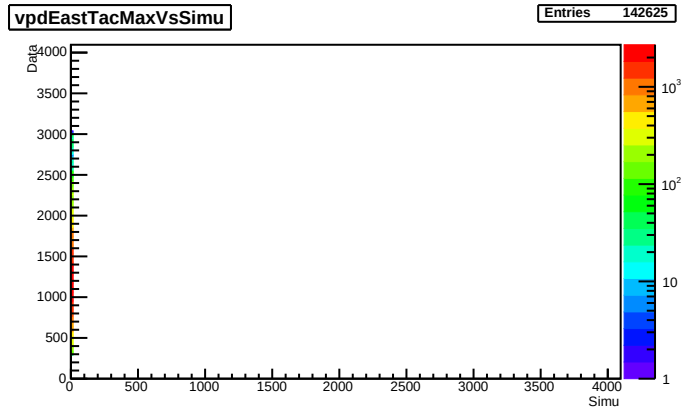

epdWestNHits
Entries 215911

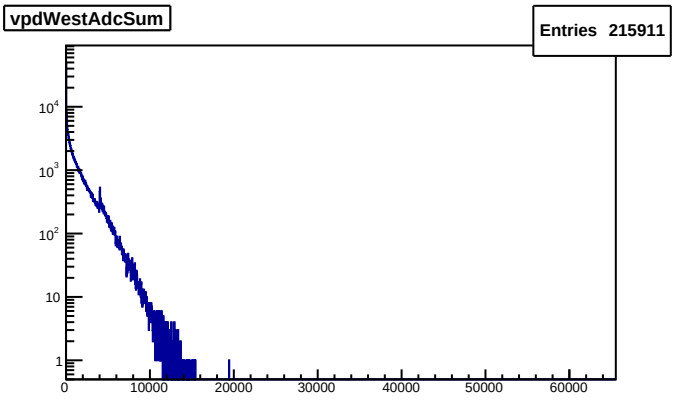

epdWestNHitsVsSimu
Entries 0
Data
Simu

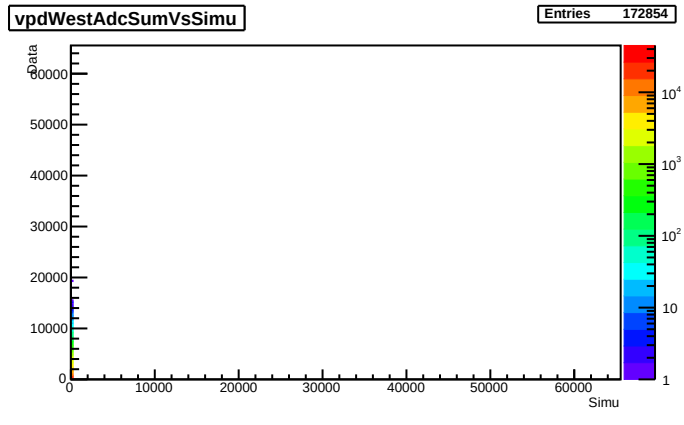

vpdEastAdcSum
Entries 215911

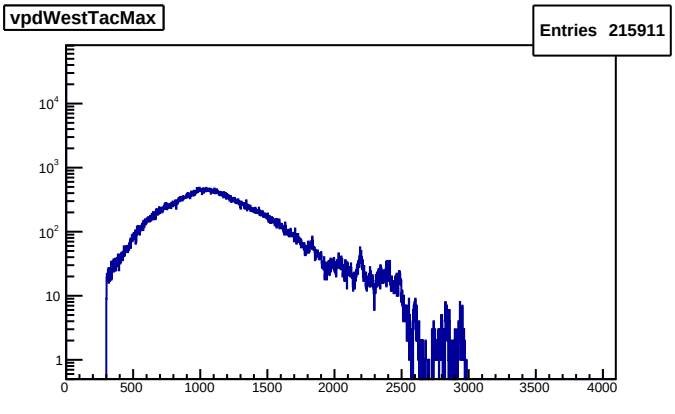

vpdEastAdcSumVsSimu
Entries 142625
Data
Simu

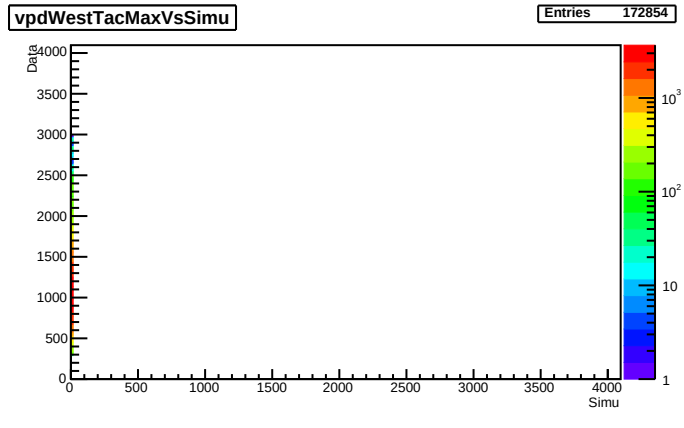

vpdEastTacMax
Entries 215911

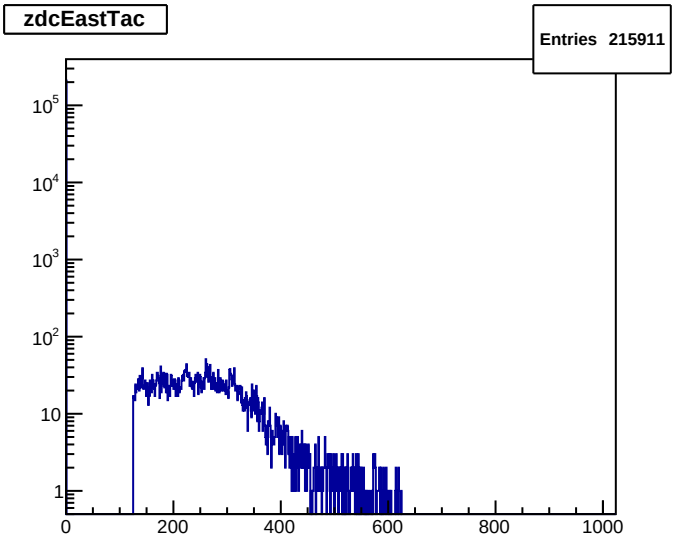

vpdEastTacMaxVsSimu
Entries 142625
Data
Simu

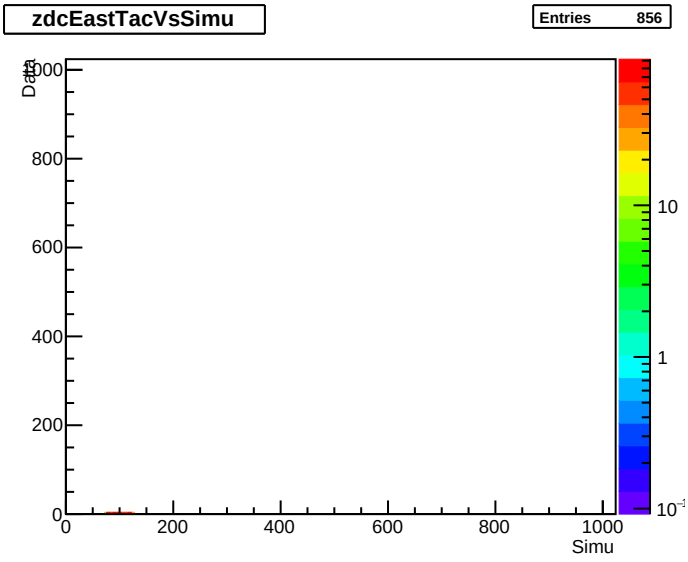

vpdWestAdcSum
Entries 215911

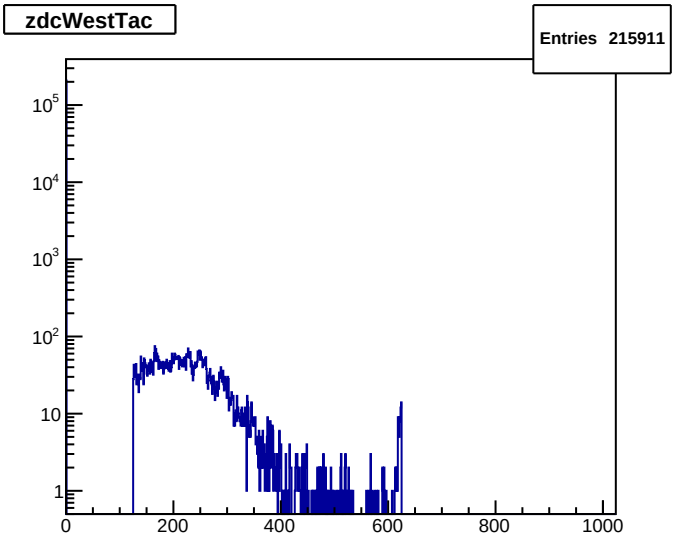

vpdWestAdcSumVsSimu
Entries 172854
Data
Simu

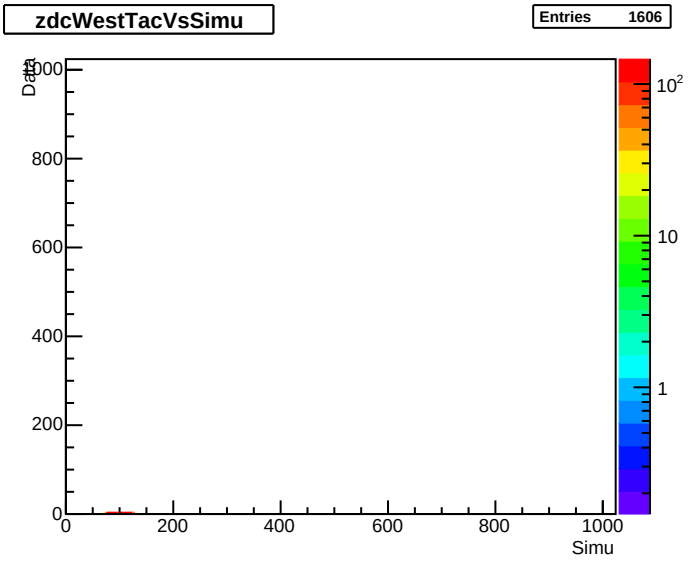

vpdWestTacMax
Entries 215911

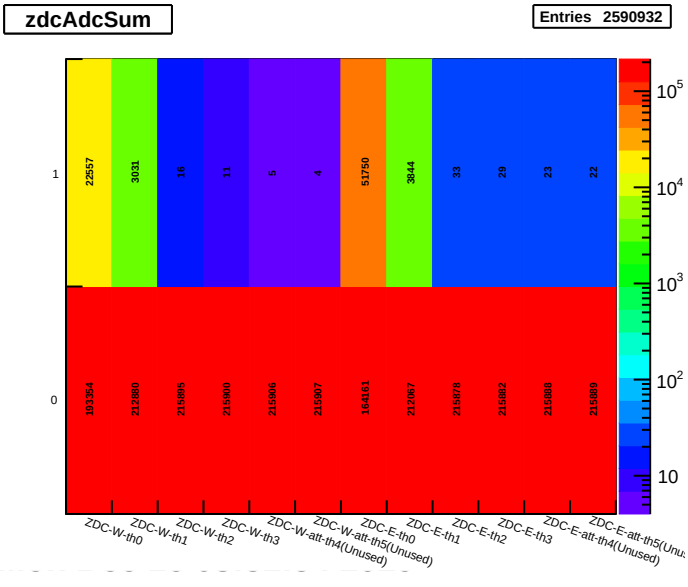

vpdWestTacMaxVsSimu
Entries 172854
Data
Simu

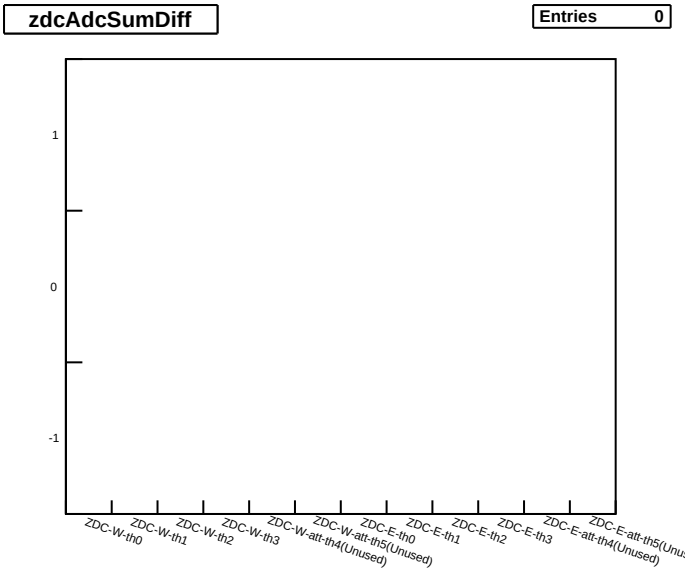

zdcEastTac
Entries 215911

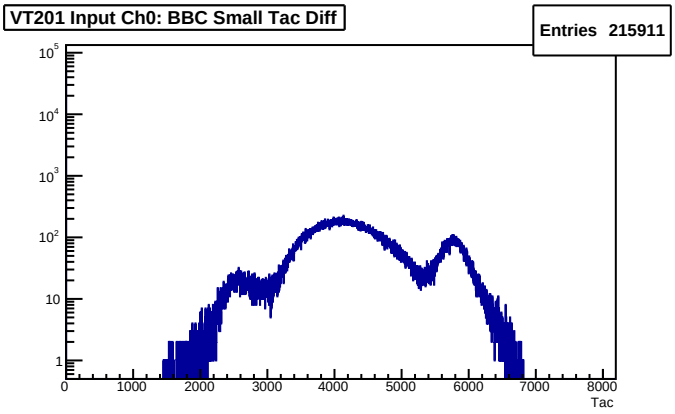

zdcEastTacVsSimu
Entries 856
Data
Simu

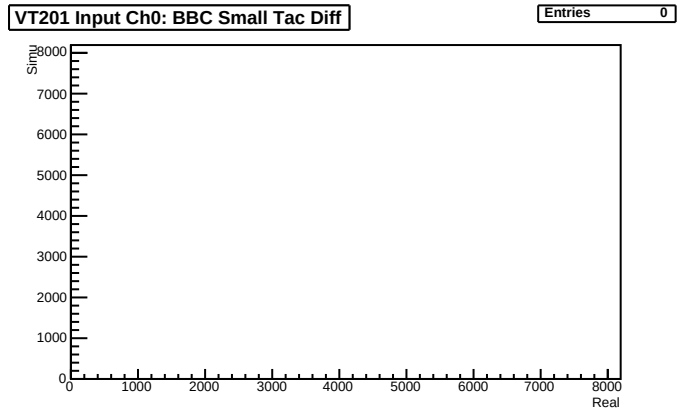

zdcWestTac
Entries 215911

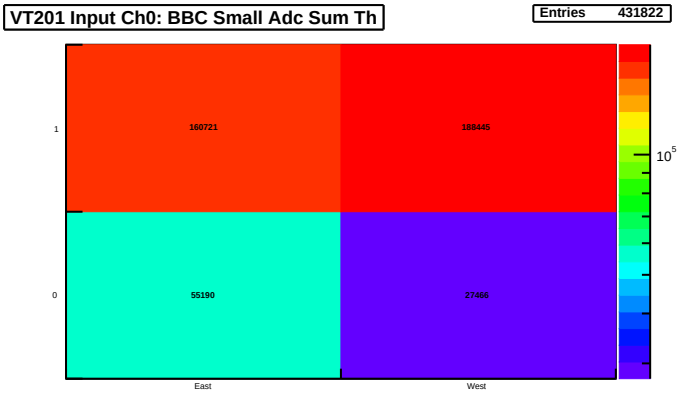

zdcWestTacVsSimu
Entries 1606
Data
Simu

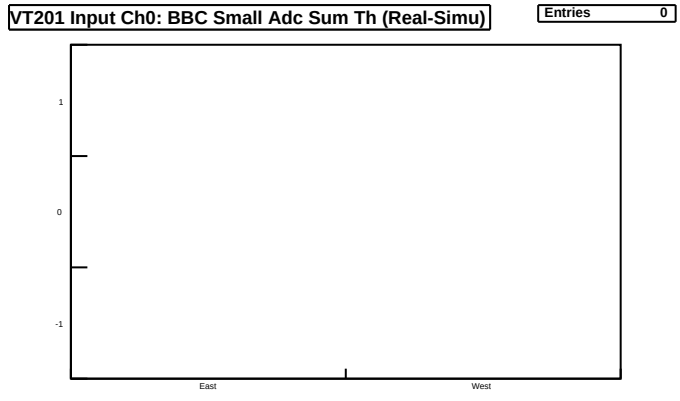

zdcAdcSum
Entries 2590932
22557
3031
16
11
5
4
51750
3844
33
29
23
22
193354
212880
215895
215900
215906
215907
164161
212067
215878
215882
215888
215889
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

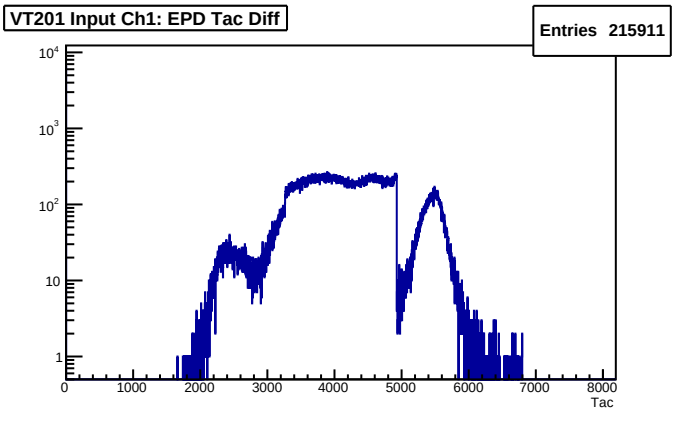

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

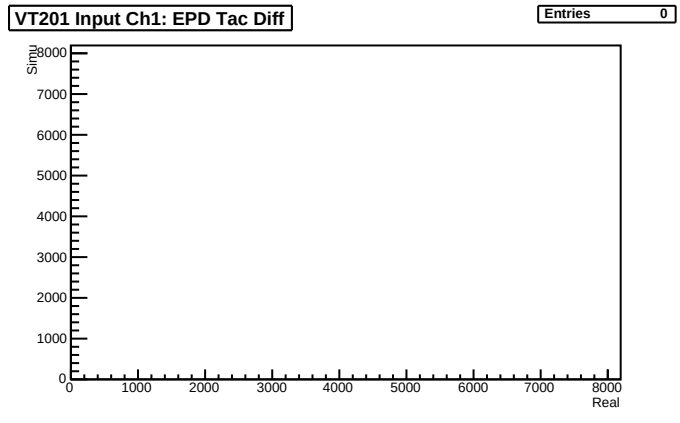

VT201 Input Ch0: BBC Small Tac Diff
Entries 215911
Tac

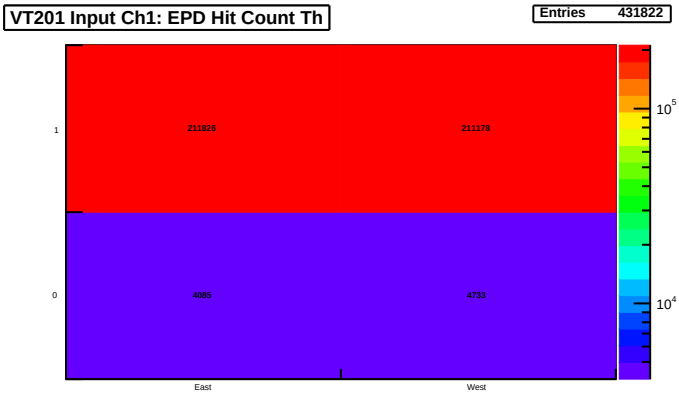

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

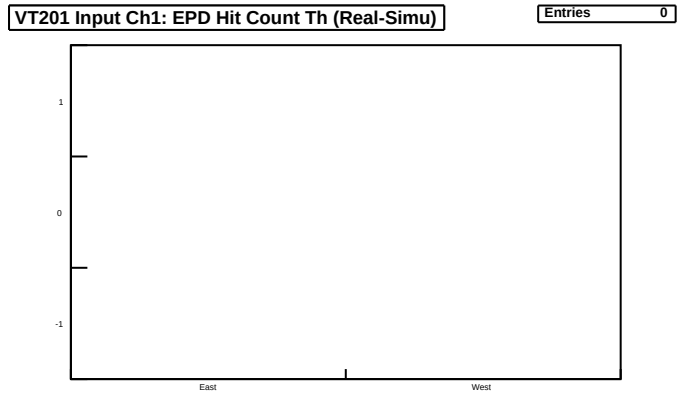

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 431822
160721
188445
55190
27466
East
West

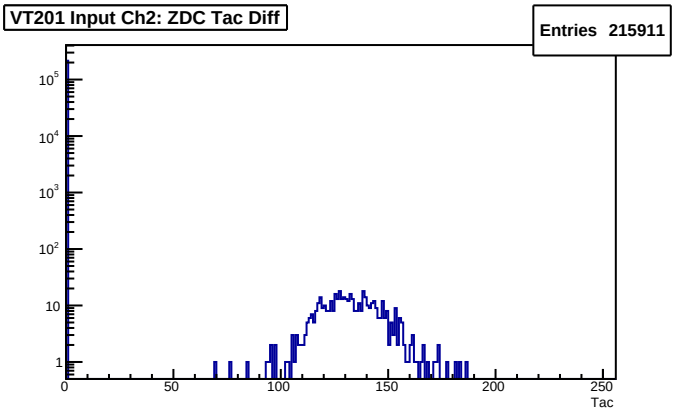

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

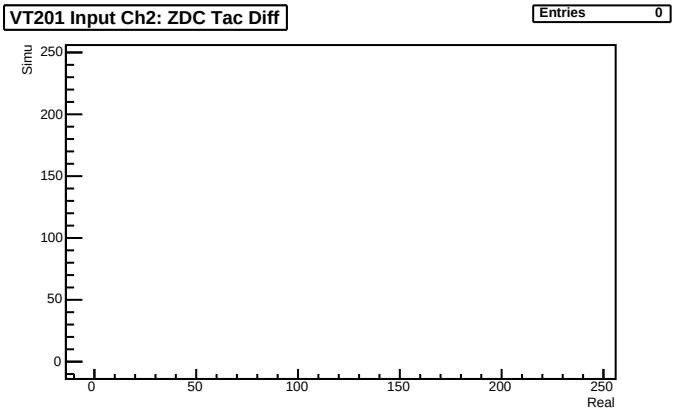

VT201 Input Ch1: EPD Tac Diff
Entries 215911
Tac

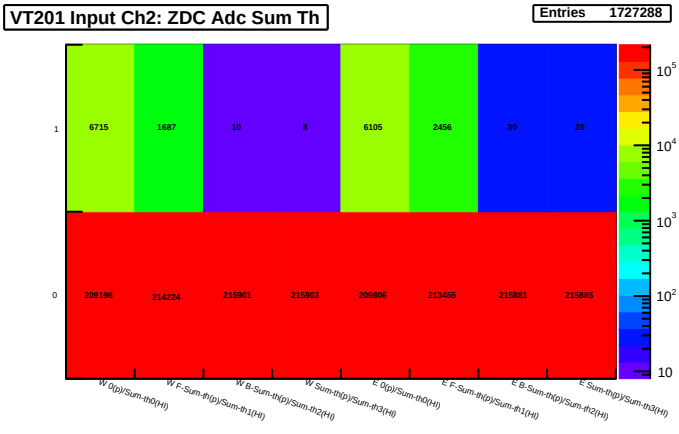

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

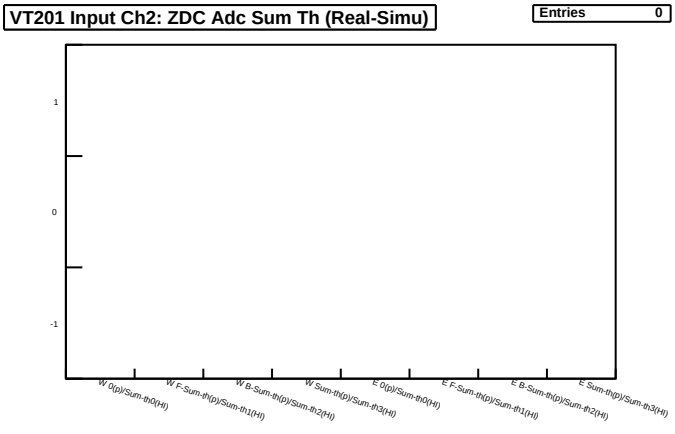

VT201 Input Ch1: EPD Hit Count Th
Entries 431822
211826
211178
4085
4733
East
West

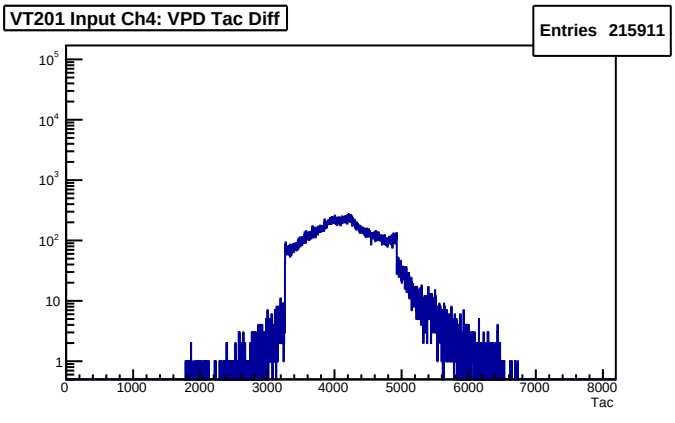

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

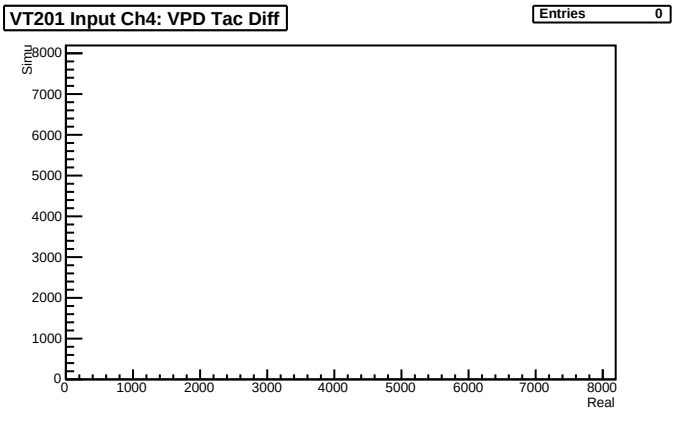

VT201 Input Ch2: ZDC Tac Diff
Entries 215911
Tac

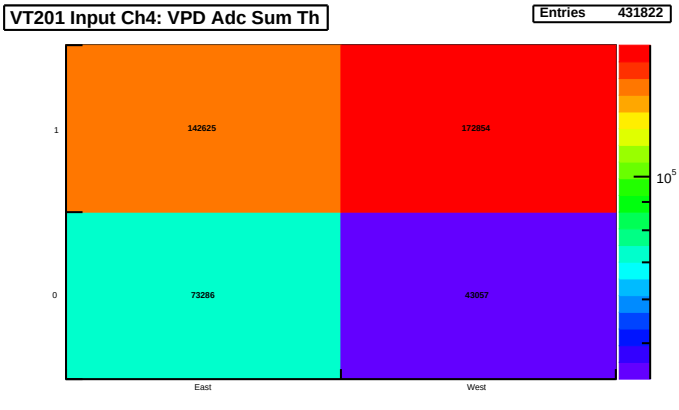

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

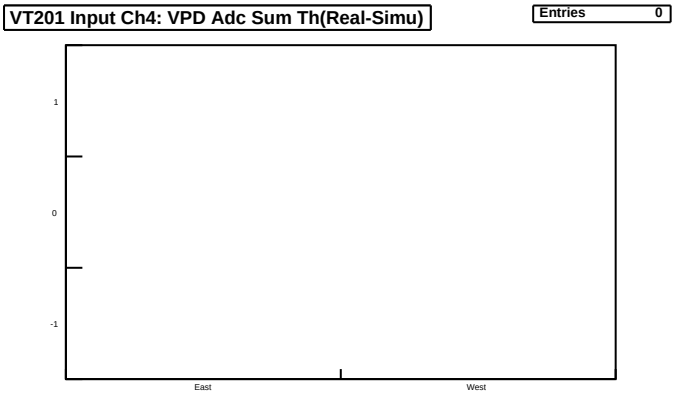

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1727288
6715
1687
10
8
6105
2456
30
26
209196
214224
215901
215903
209806
213455
215881
215885
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

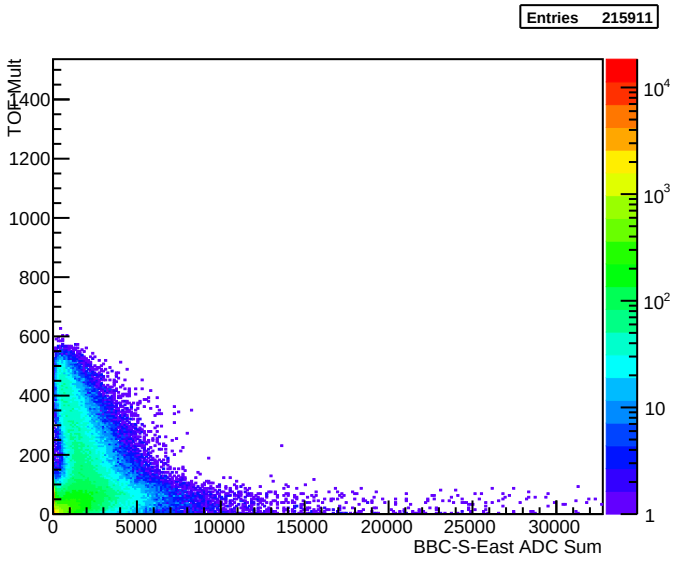

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

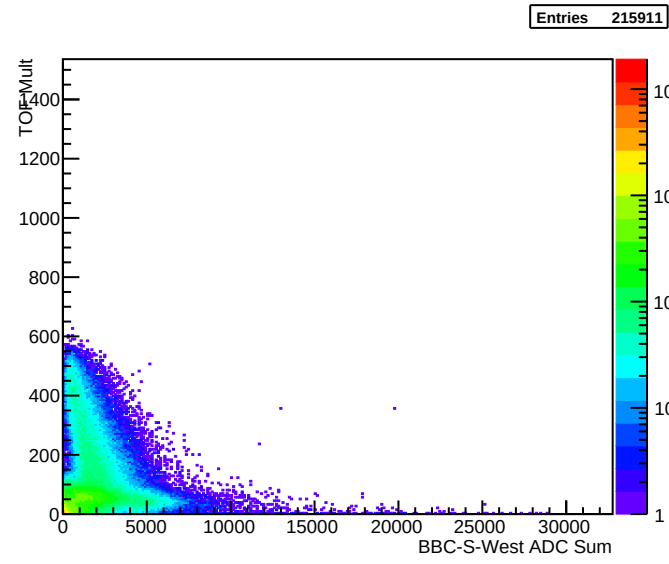

VT201 Input Ch4: VPD Tac Diff
Entries 215911
Tac

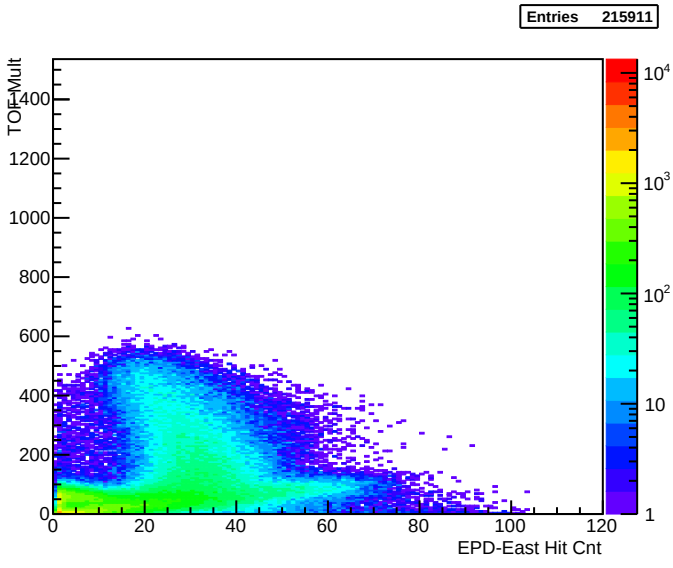

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

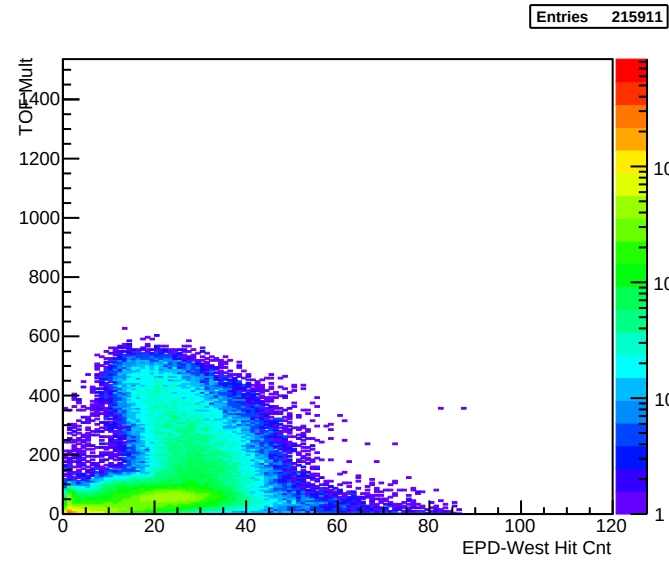

VT201 Input Ch4: VPD Adc Sum Th
Entries 431822
142625
172854
73286
43057
East
West

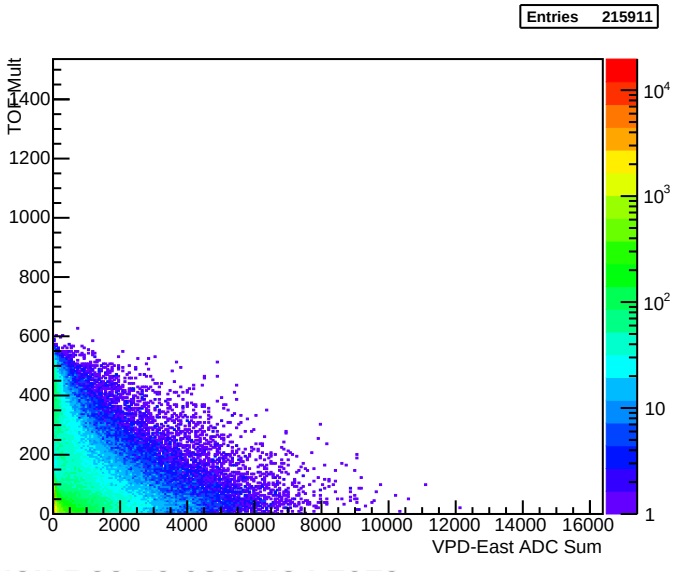

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

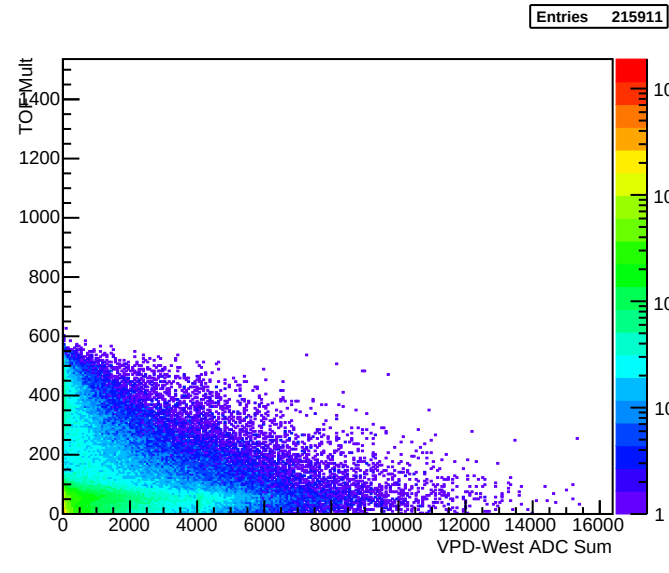

Entries 215911
TOF-Mult
BBC-S-East ADC Sum

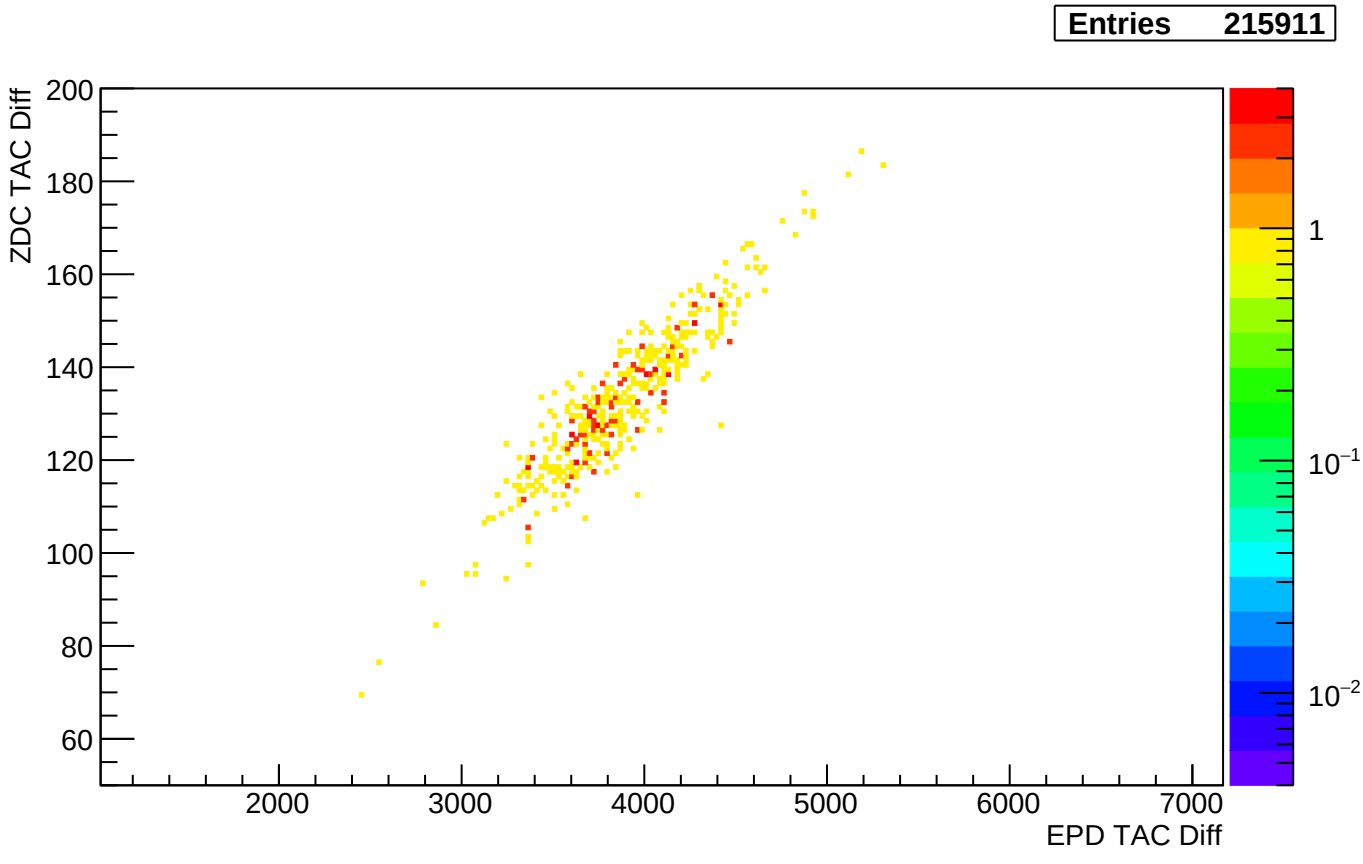

Entries 215911
TOF-Mult
BBC-S-West ADC Sum

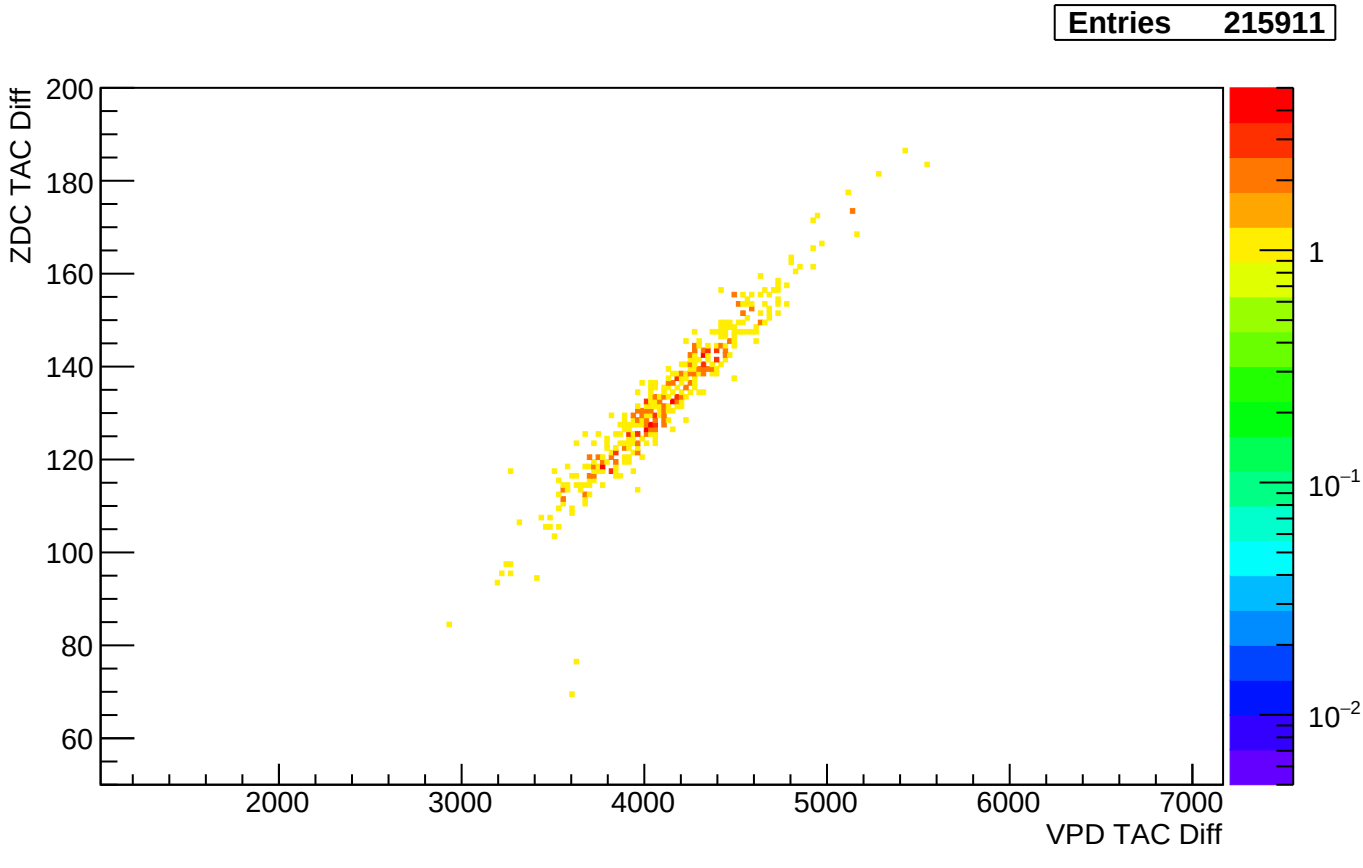

Entries 215911
TOF-Mult
EPD-East Hit Cnt

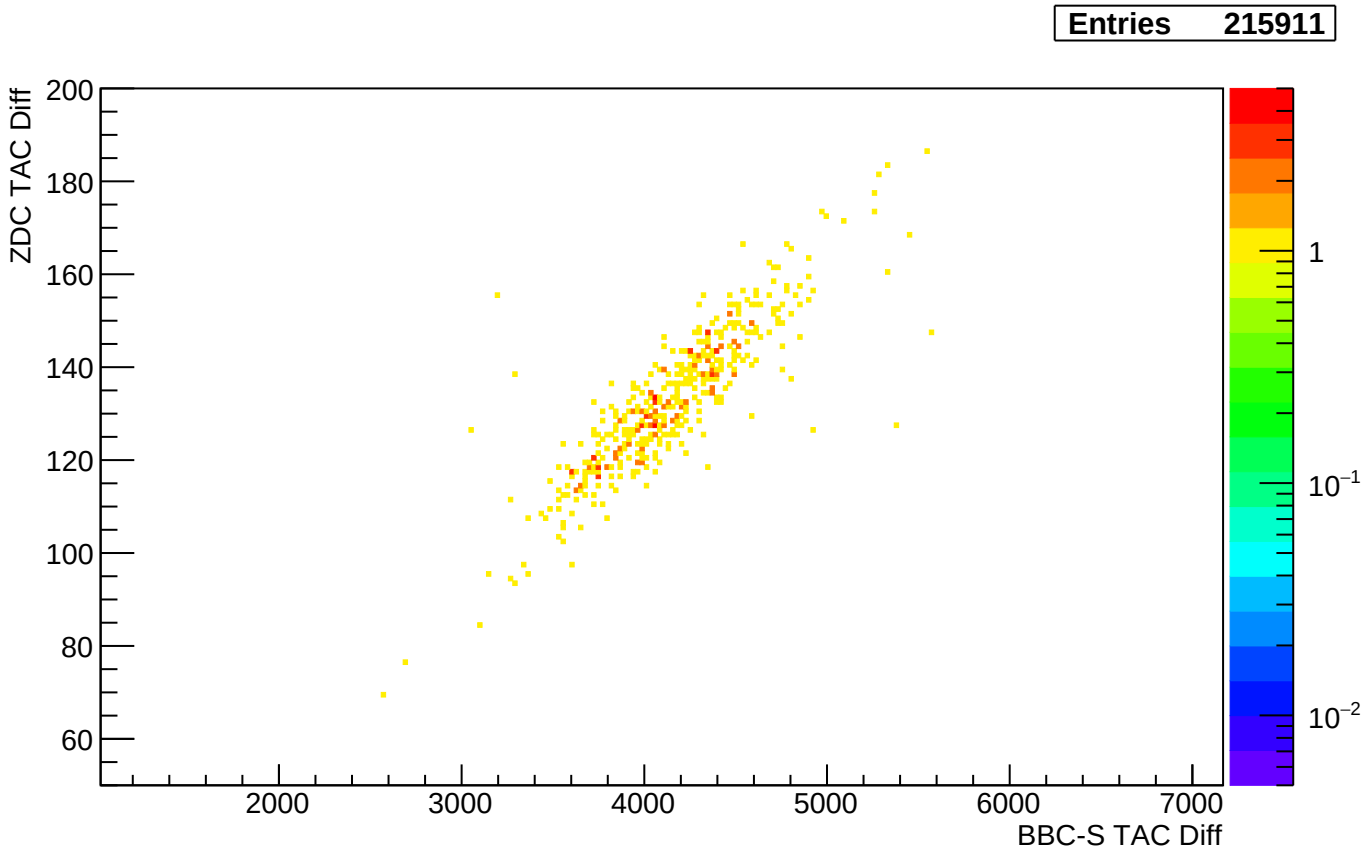

Entries 215911
TOF-Mult
EPD-West Hit Cnt

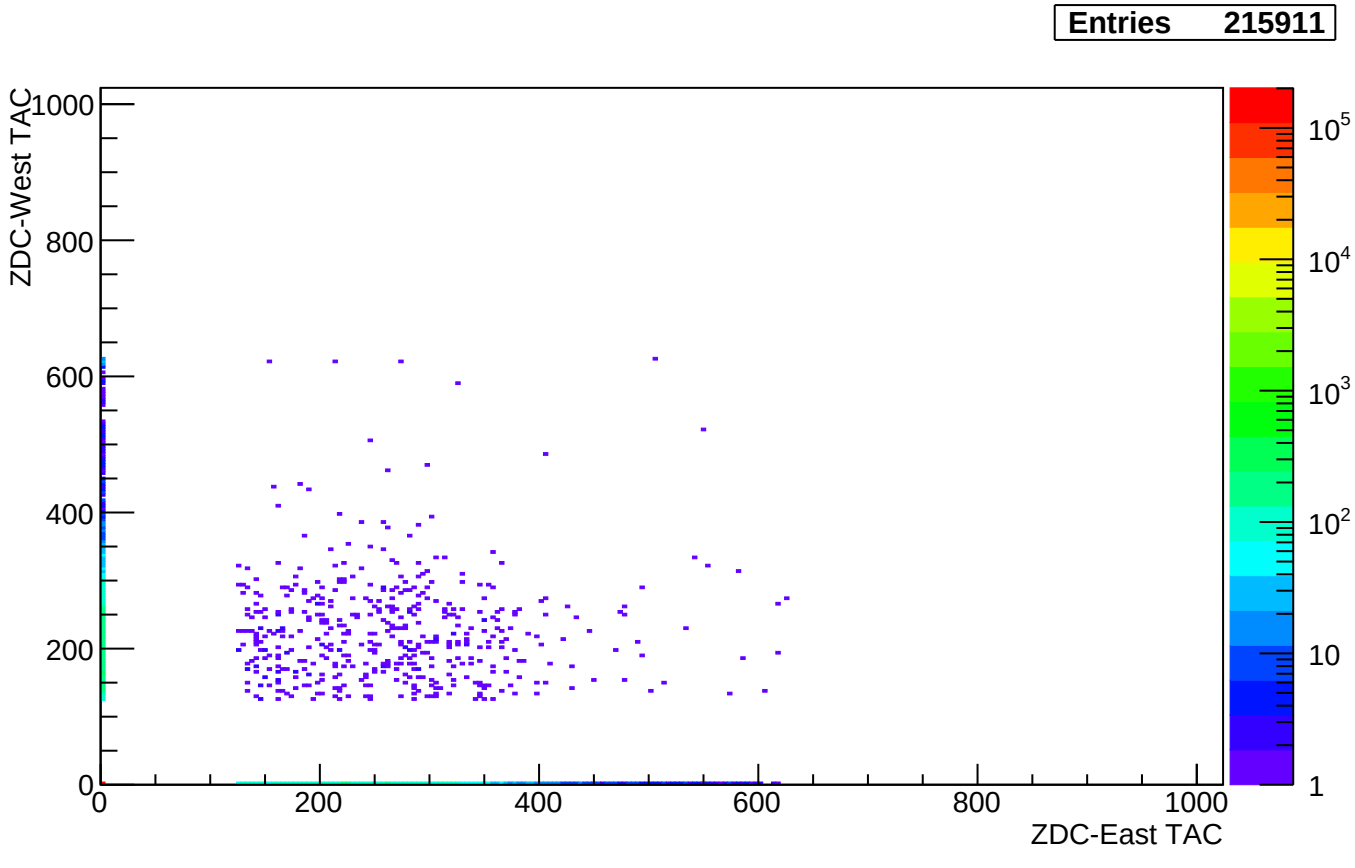

Entries 215911
TOF-Mult
VPD-East ADC Sum

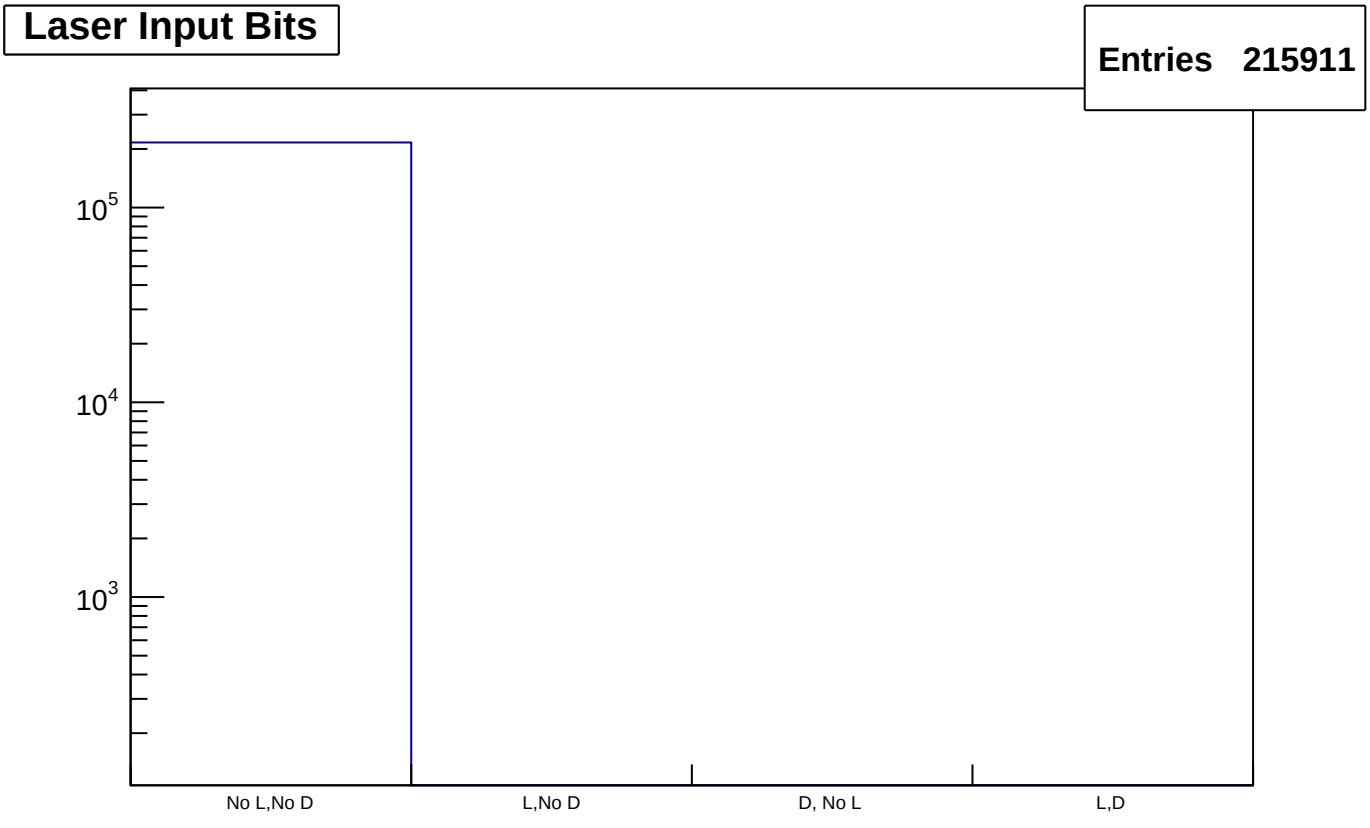

Entries 215911
TOF-Mult
VPD-West ADC Sum

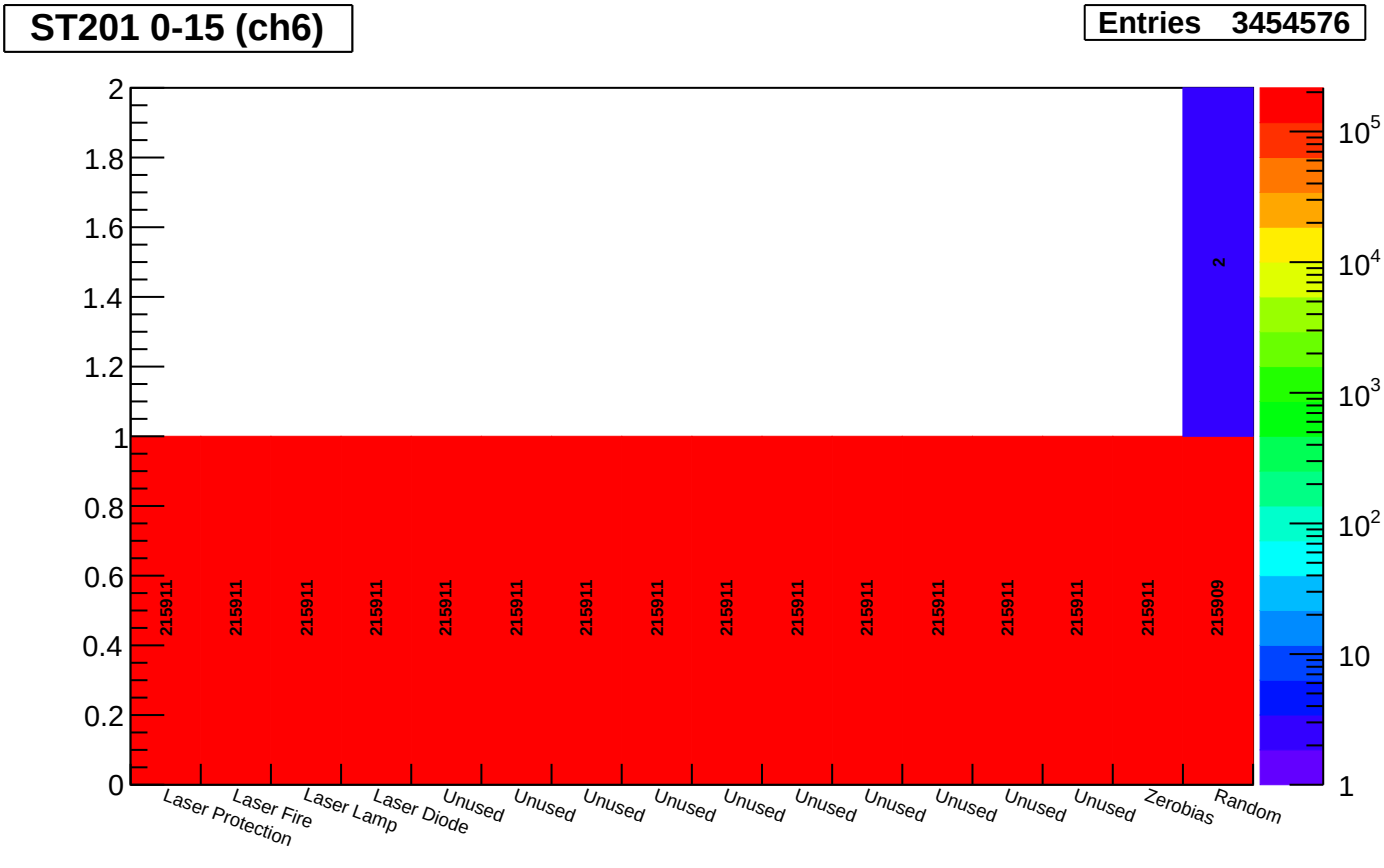

Entries 215911
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

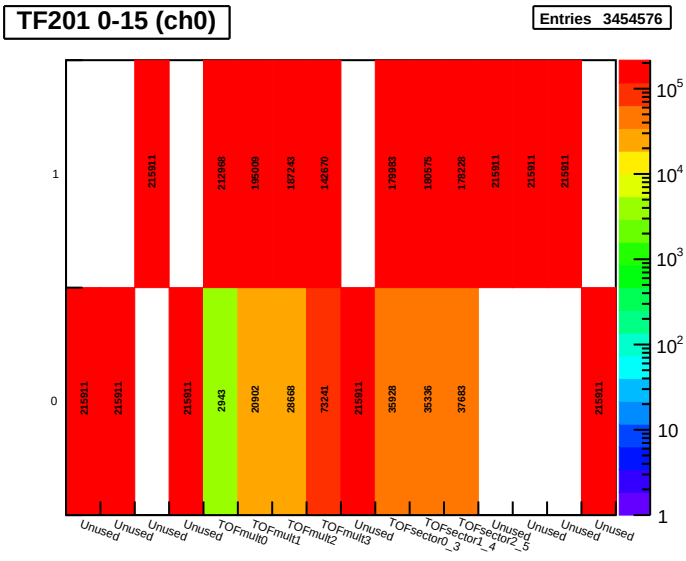

Entries 215911
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

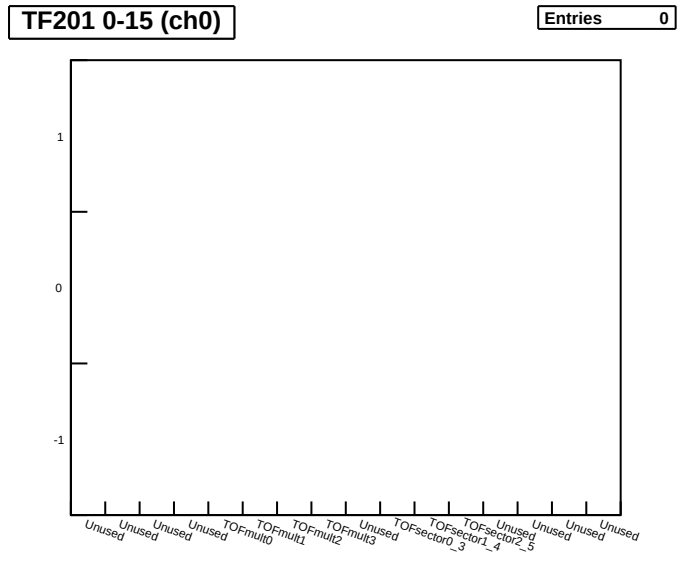

Entries 215911
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

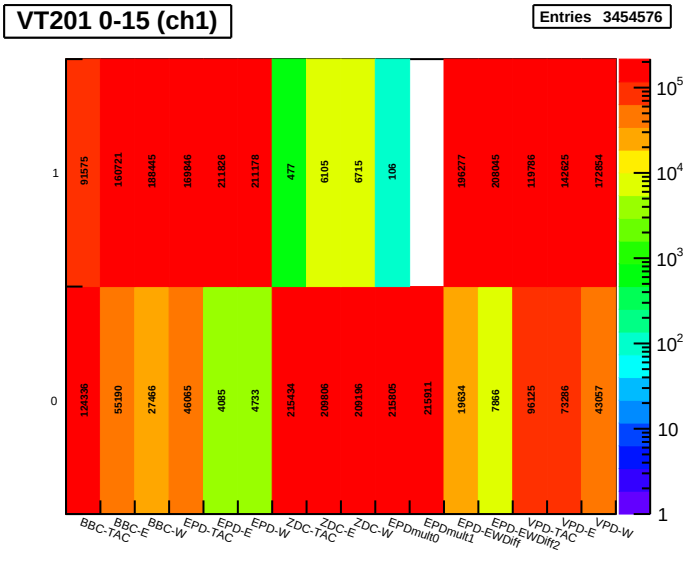

Entries 215911
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

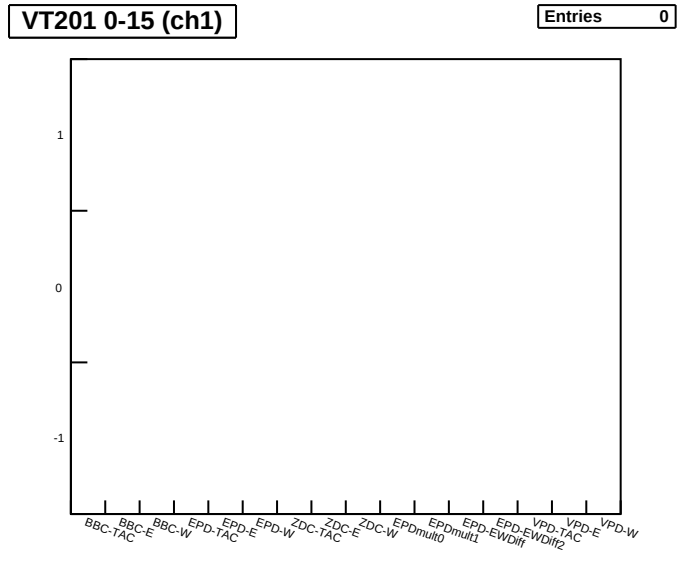

Laser Input Bits
Entries 215911
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

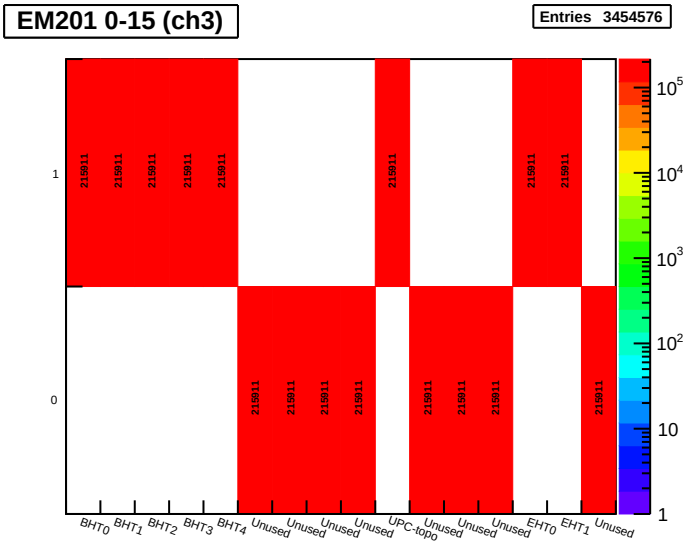

ST201 0-15 (ch6)
Entries 3454576
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
215911
215909
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

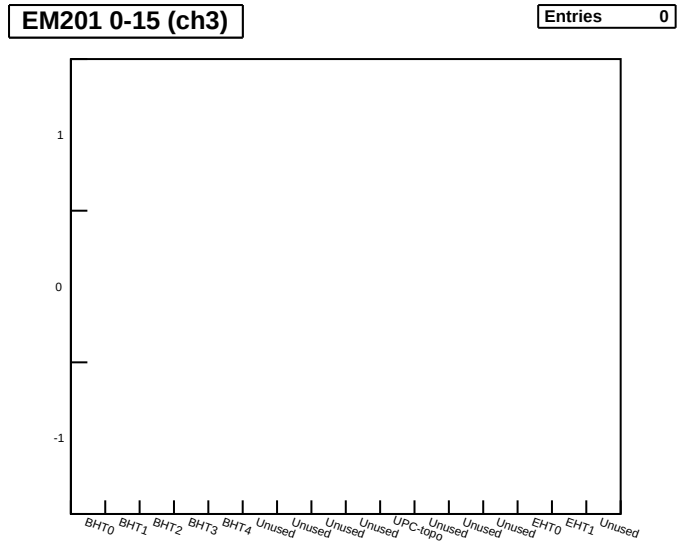

TF201 0-15 (ch0)
Entries 3454576
1
0
215911
212968
195009
187243
142670
179983
190575
178228
215911
215911
215911
215911
215911
215911
2943
20902
28668
73241
215911
35928
35336
37683
215911
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 3454576
1
0
91575
160721
189445
169846
211826
211178
477
6105
6715
106
196277
208045
119766
142625
172854
124336
55190
27466
46065
4085
4733
215434
209806
209196
215805
215911
19634
7866
96125
73286
43057
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 3454576
1
0
215911
215911
215911
215911
215911
215911
215911
215911
215911
215911
215911
215911
215911
215911
215911
215911
215911
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