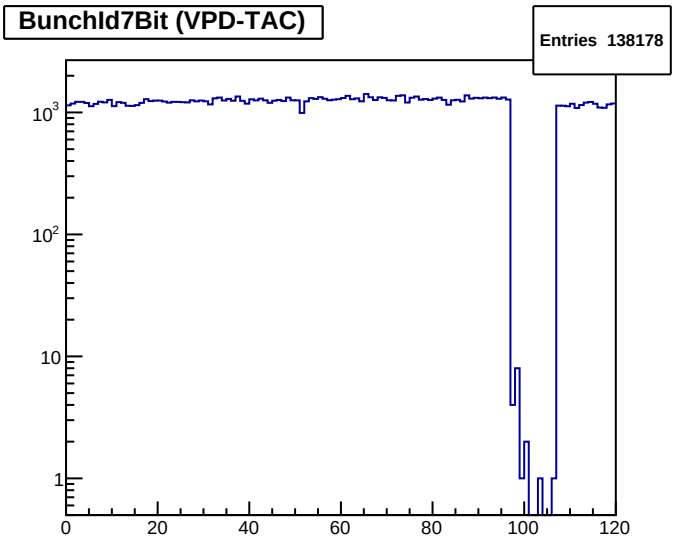
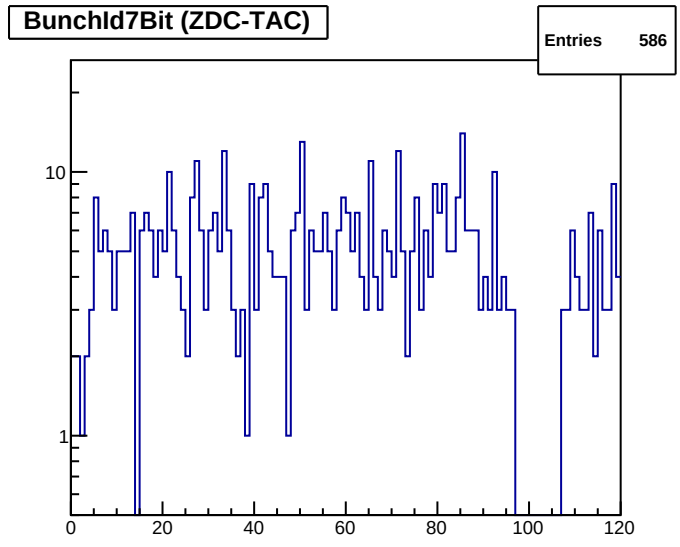
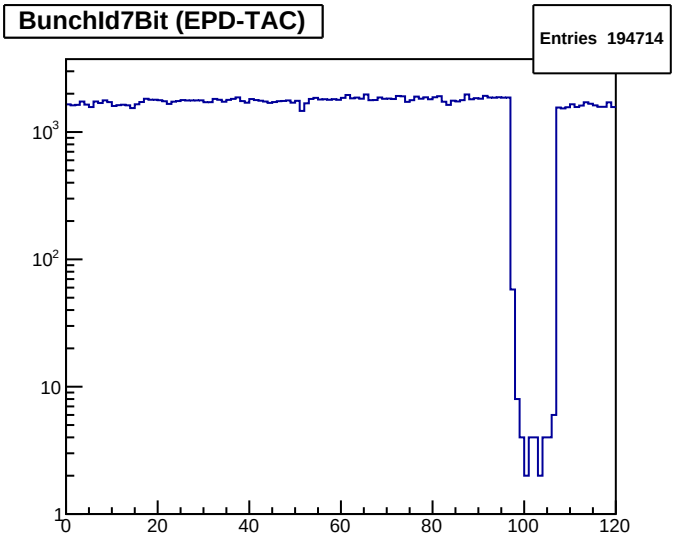
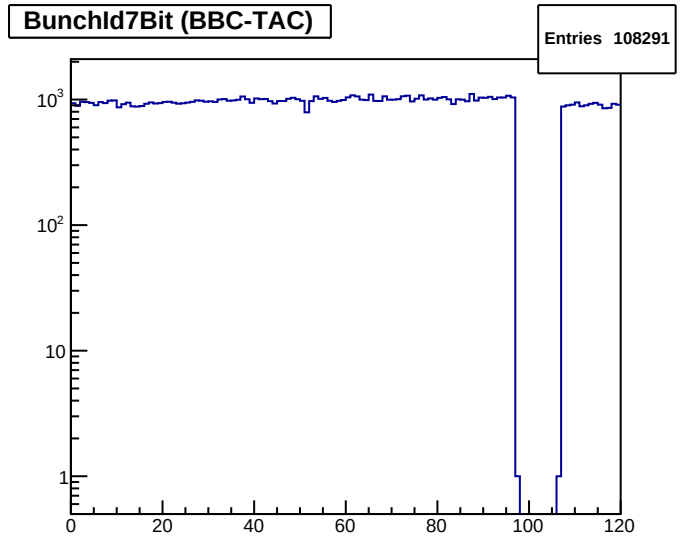
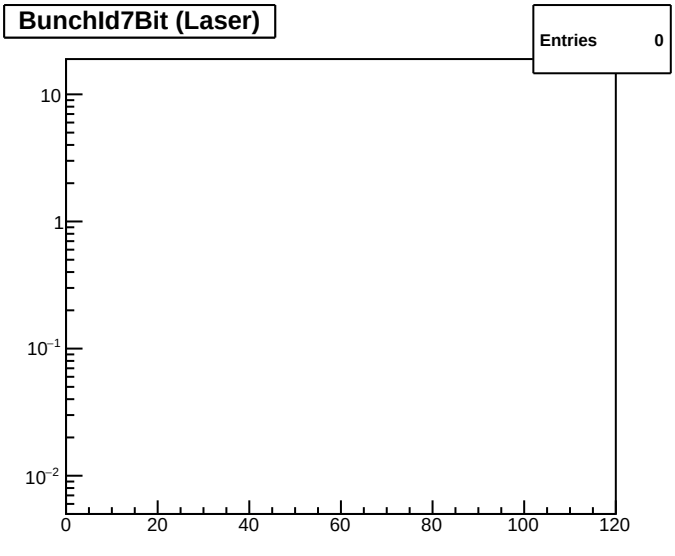
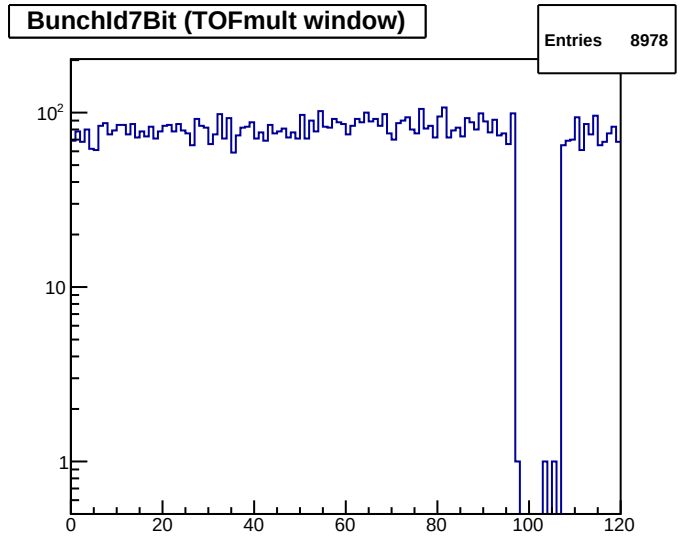

BunchId7Bit (VPD-TAC)
Entries 138178

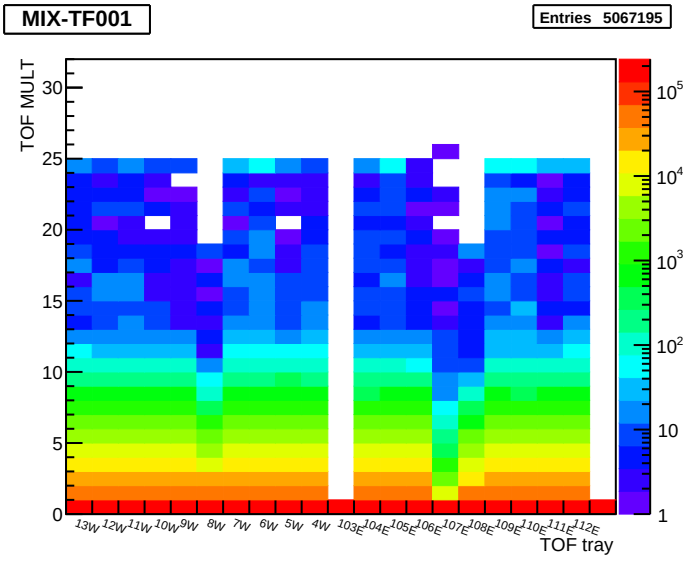

BunchId7Bit (ZDC-TAC)
Entries 586

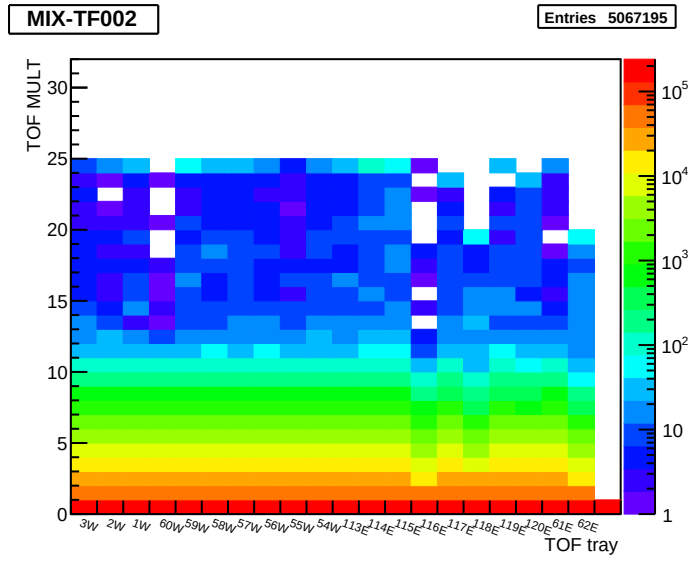

BunchId7Bit (EPD-TAC)
Entries 194714

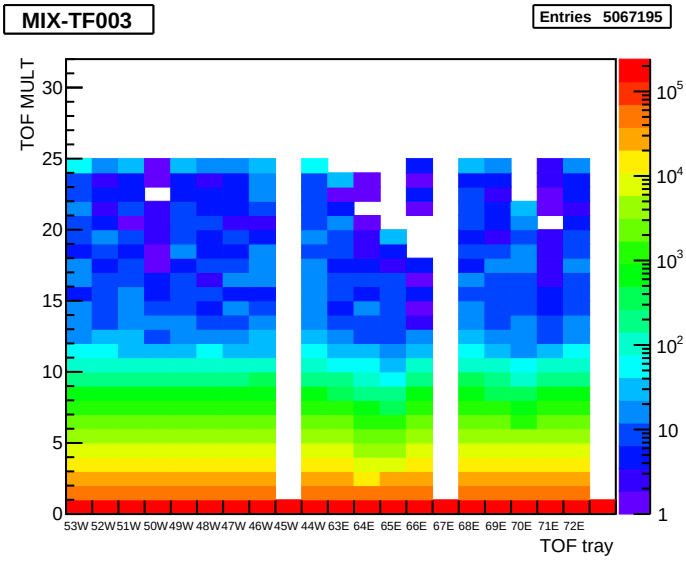

BunchId7Bit (BBC-TAC)
Entries 108291

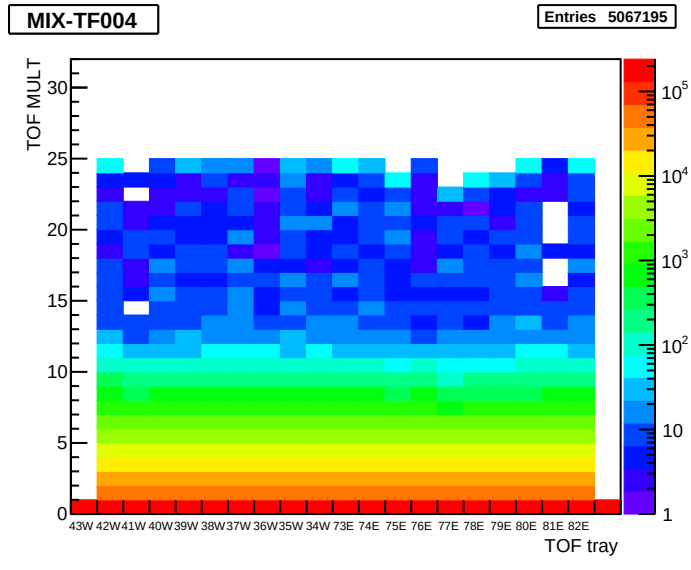

BunchId7Bit (Laser)
Entries 0

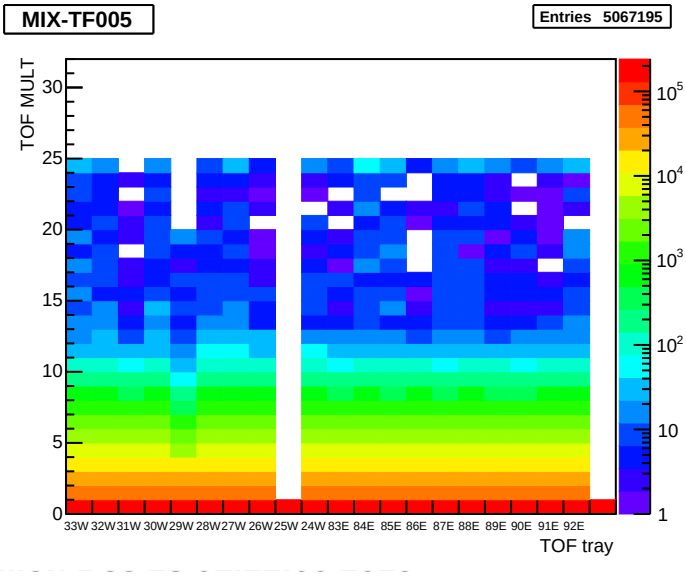

BunchId7Bit (TOFmult window)
Entries 8978

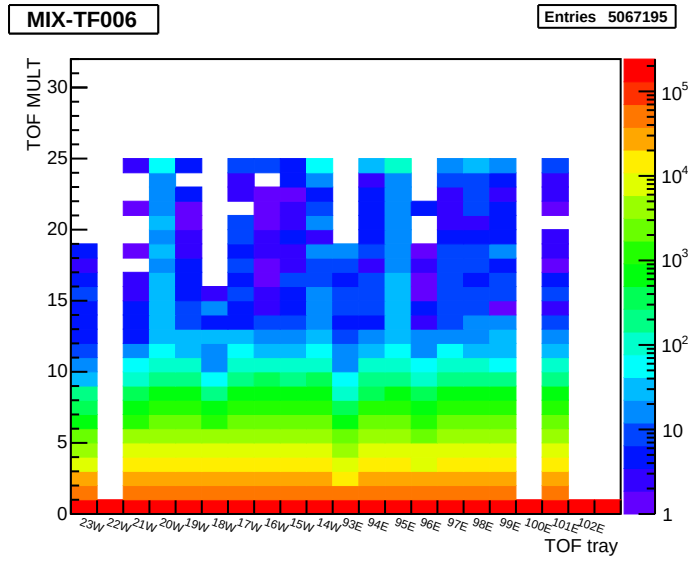

MIX-TF001
Entries 5067195
TOF MULT
TOF tray

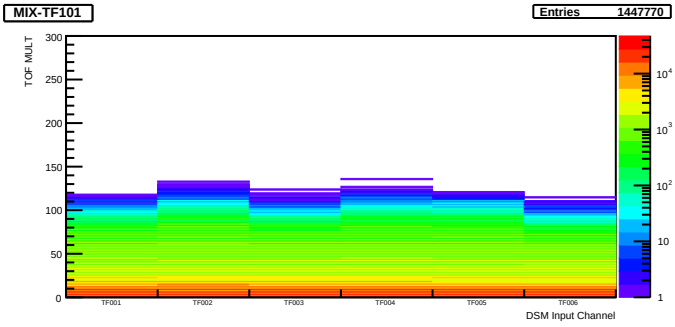

MIX-TF002
Entries 5067195
TOF MULT
TOF tray

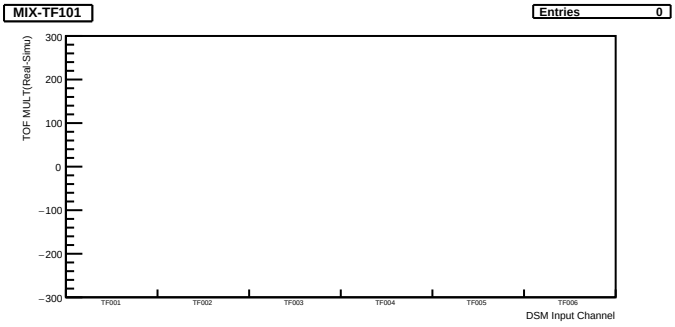

MIX-TF003
Entries 5067195
TOF MULT
TOF tray

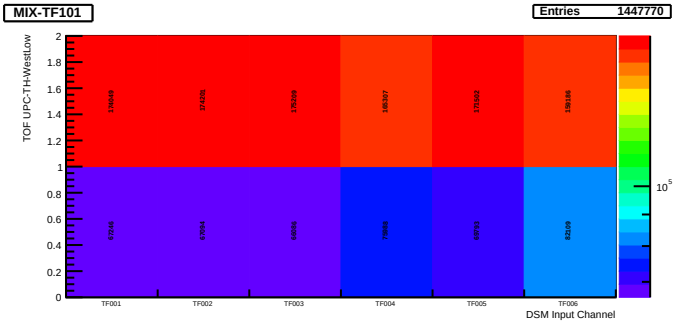

MIX-TF004
Entries 5067195
TOF MULT
TOF tray

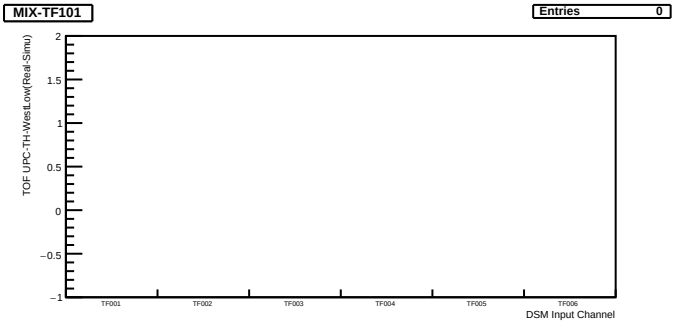

MIX-TF005
Entries 5067195
TOF MULT
TOF tray

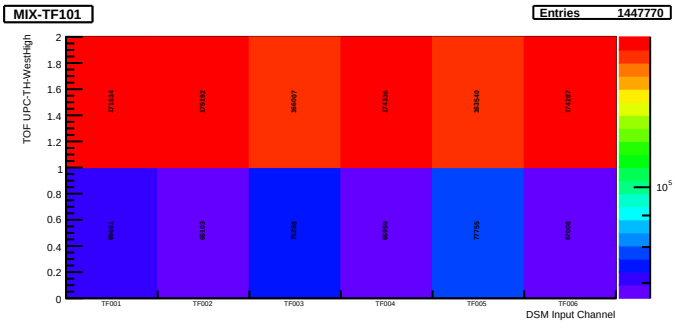

MIX-TF006
Entries 5067195
TOF MULT
TOF tray

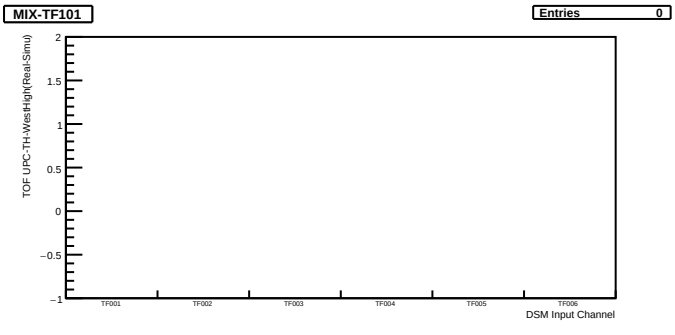

MIX-TF101
Entries 1447770
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

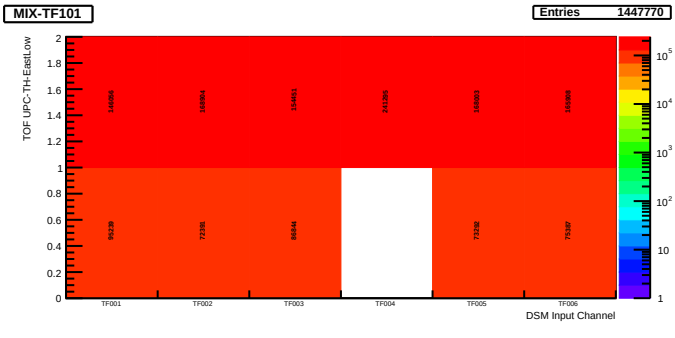

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

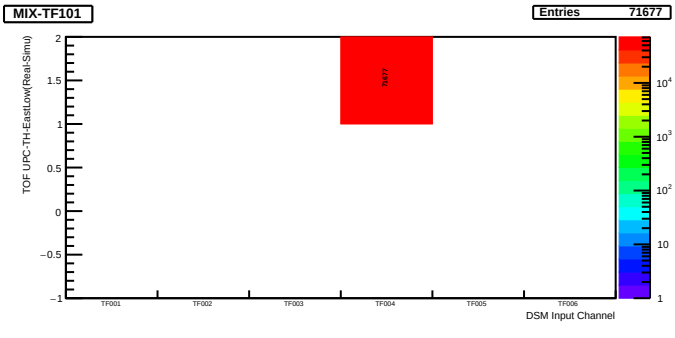

MIX-TF101
Entries 1447770
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

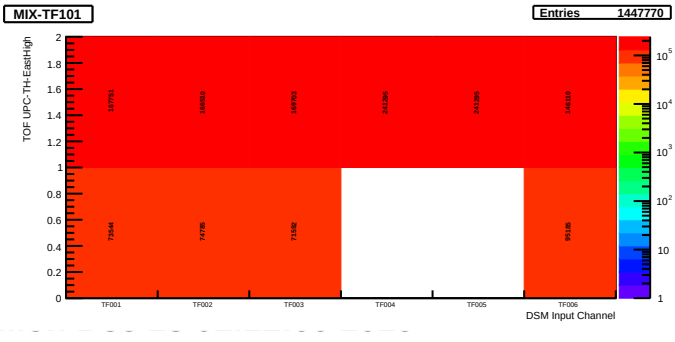

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

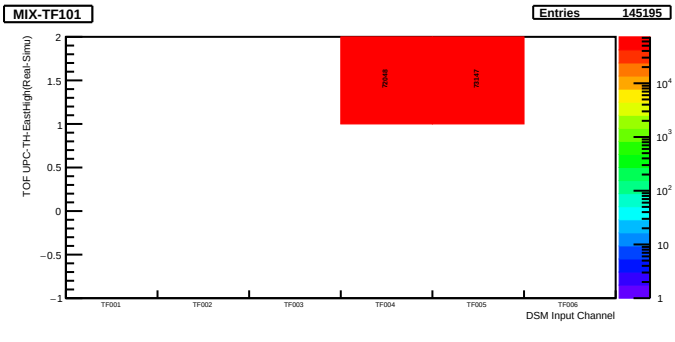

MIX-TF101
Entries 1447770
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

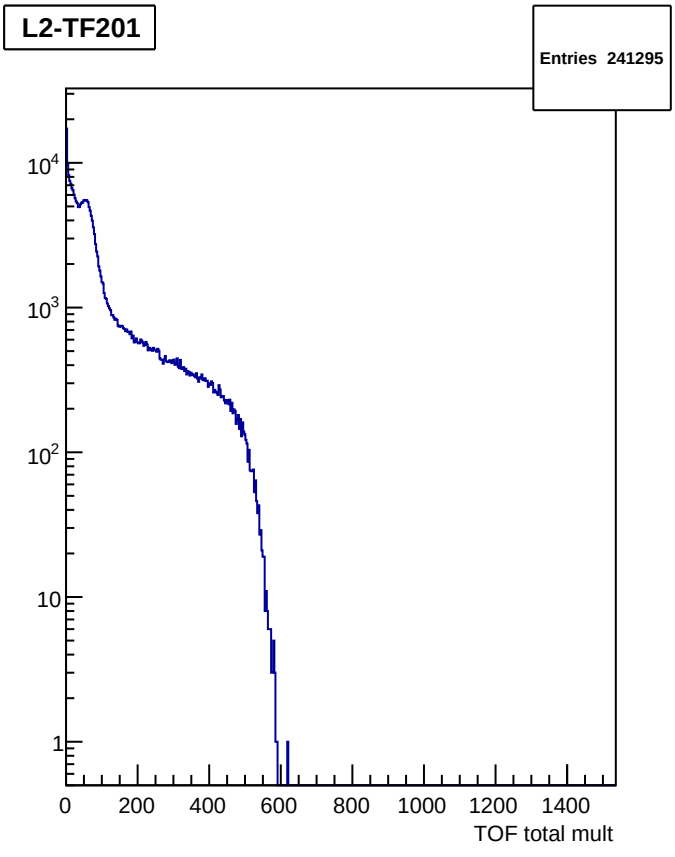

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

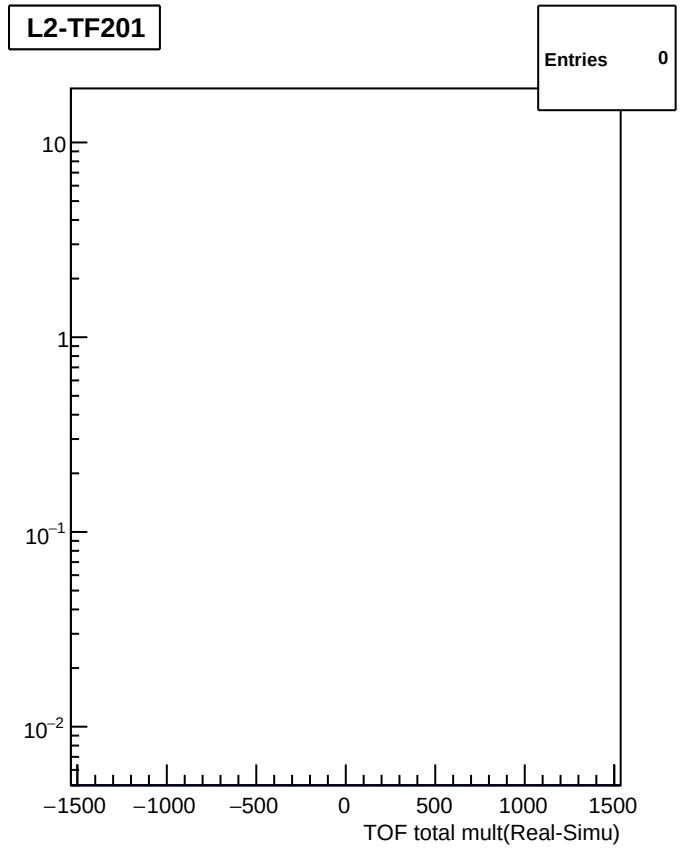

MIX-TF101
Entries 1447770
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

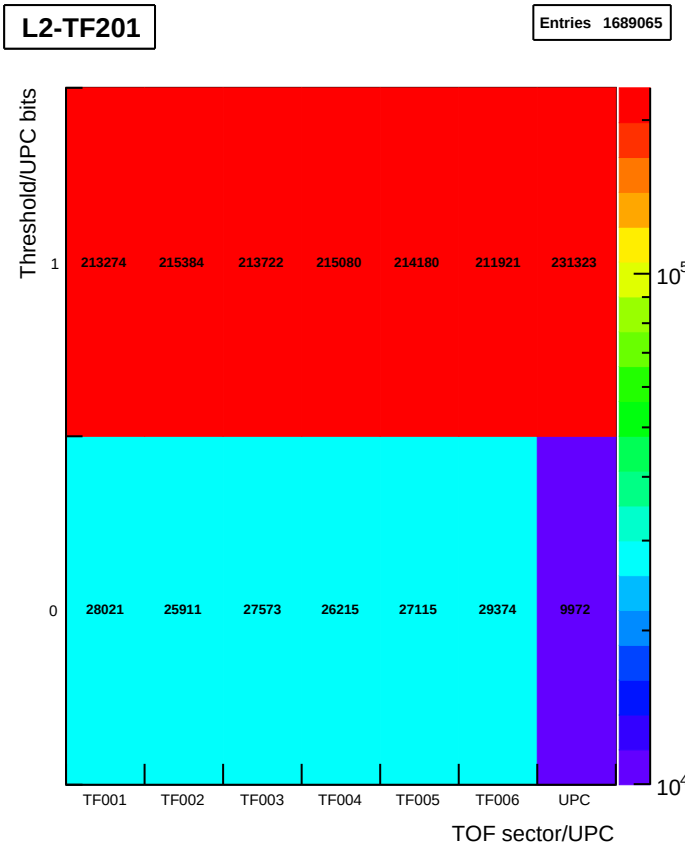

MIX-TF101
Entries 71677
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

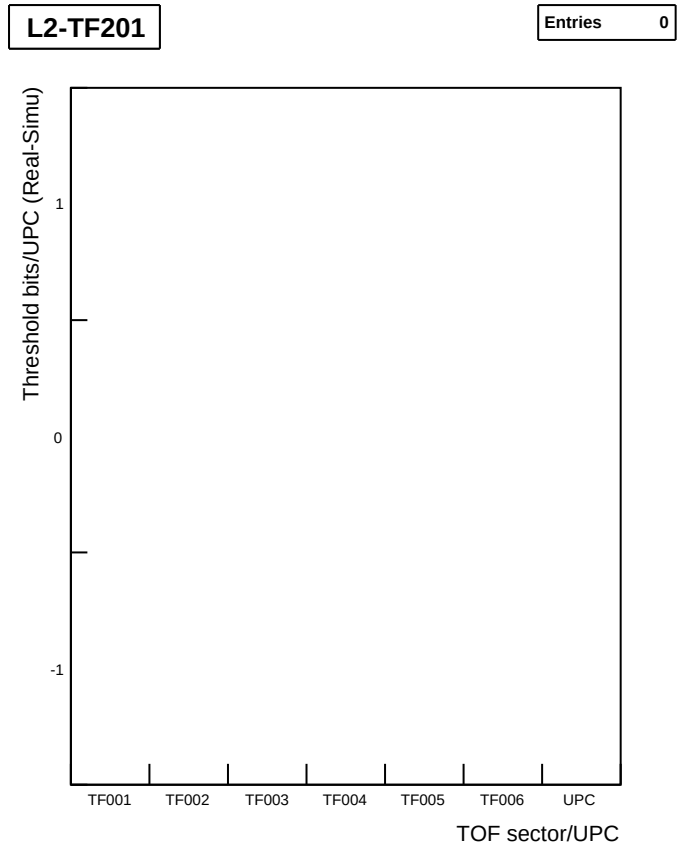

MIX-TF101
Entries 1447770
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

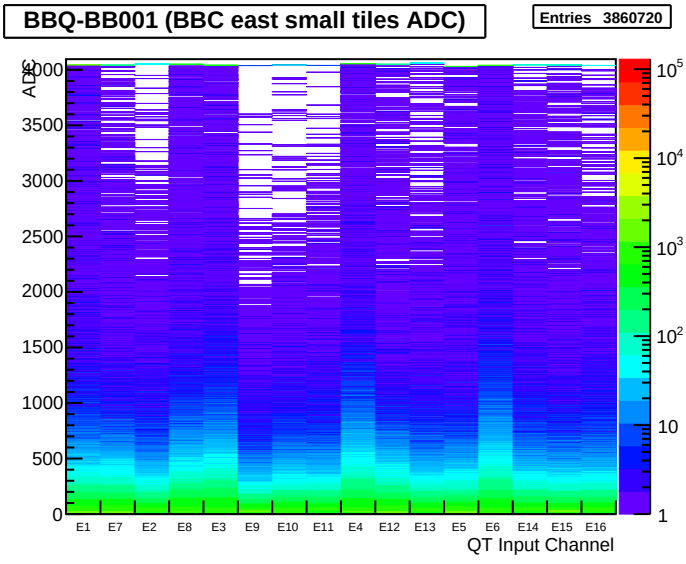

MIX-TF101
Entries 145195
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

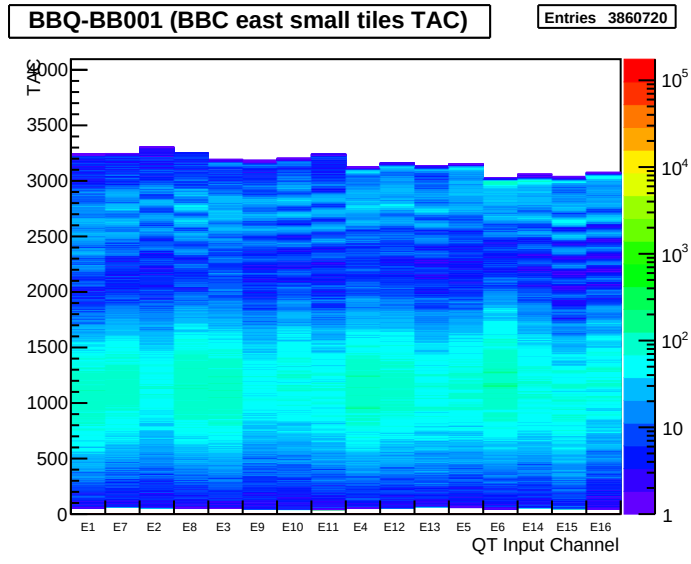

L2-TF201
Entries 241295
TOF total mult

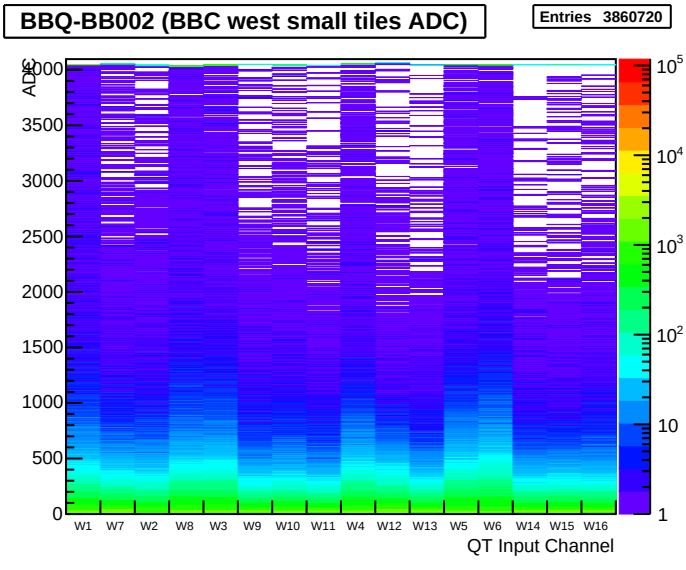

L2-TF201
Entries 0
TOF total mult(Real-Simu)

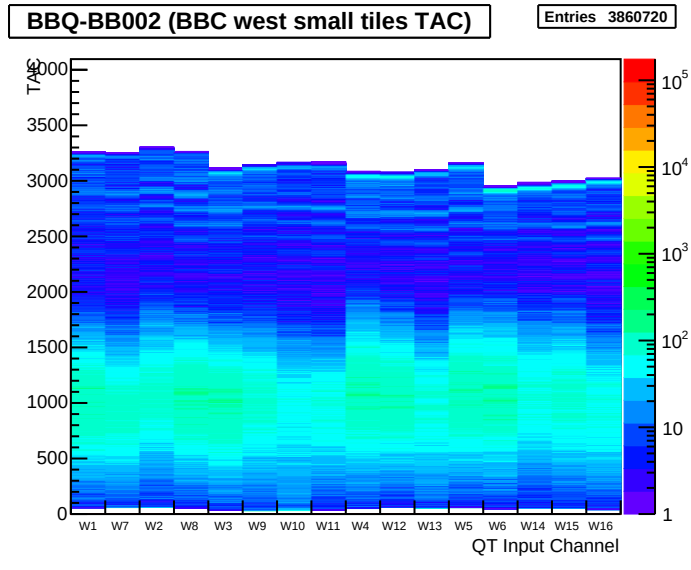

L2-TF201
Entries 1689065
Threshold/UPC bits
213274
215384
213722
215080
214180
211921
231323
28021
25911
27573
26215
27115
29374
9972
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

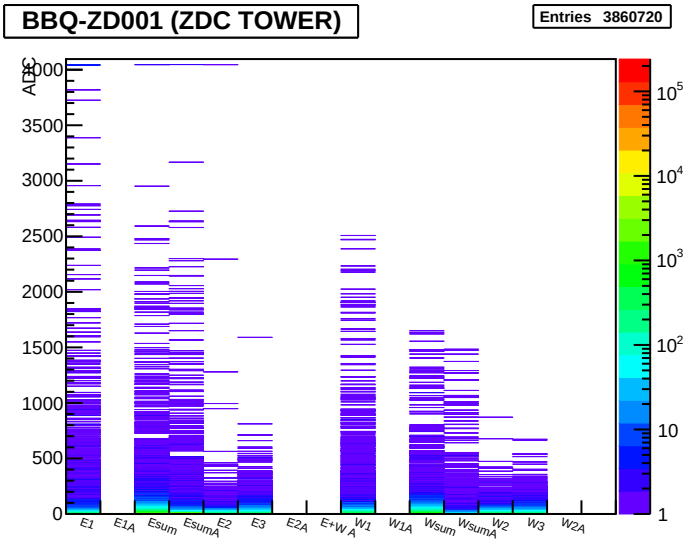

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

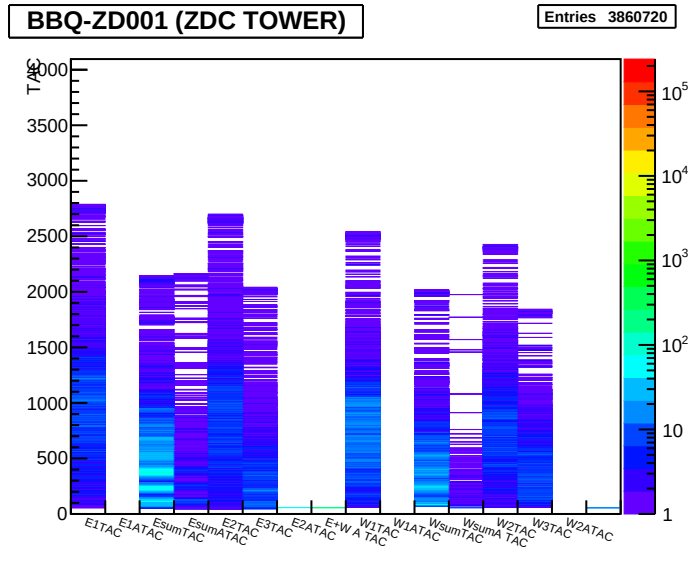

BBQ-BB001 (BBC east small tiles ADC)
Entries 3860720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

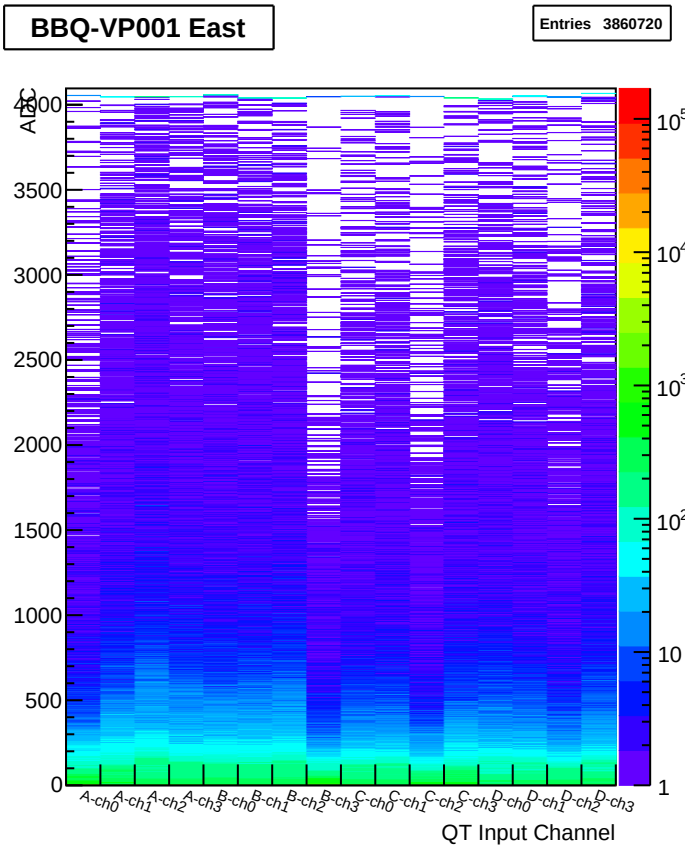

BBQ-BB001 (BBC east small tiles TAC)
Entries 3860720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

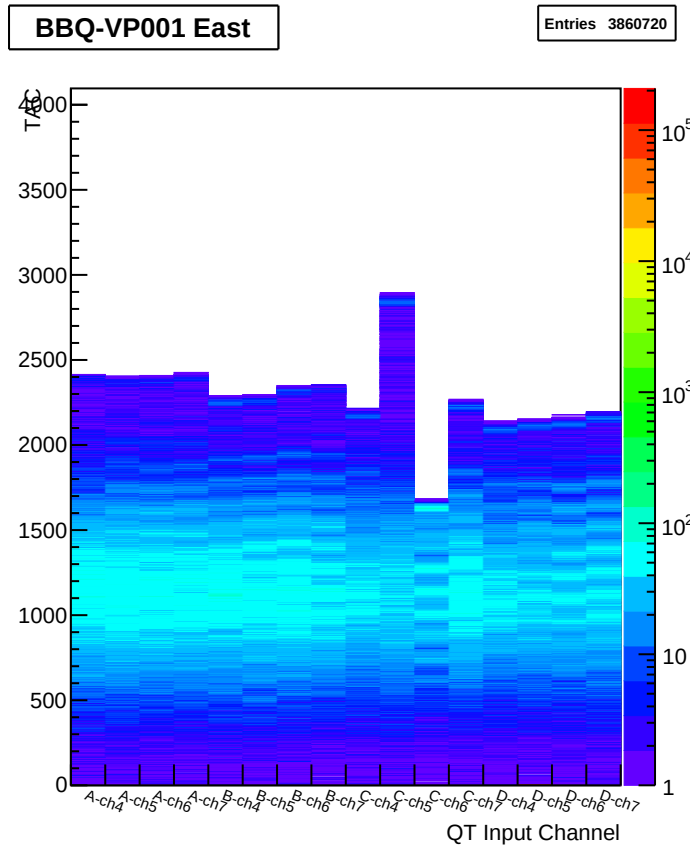

BBQ-BB002 (BBC west small tiles ADC)
Entries 3860720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

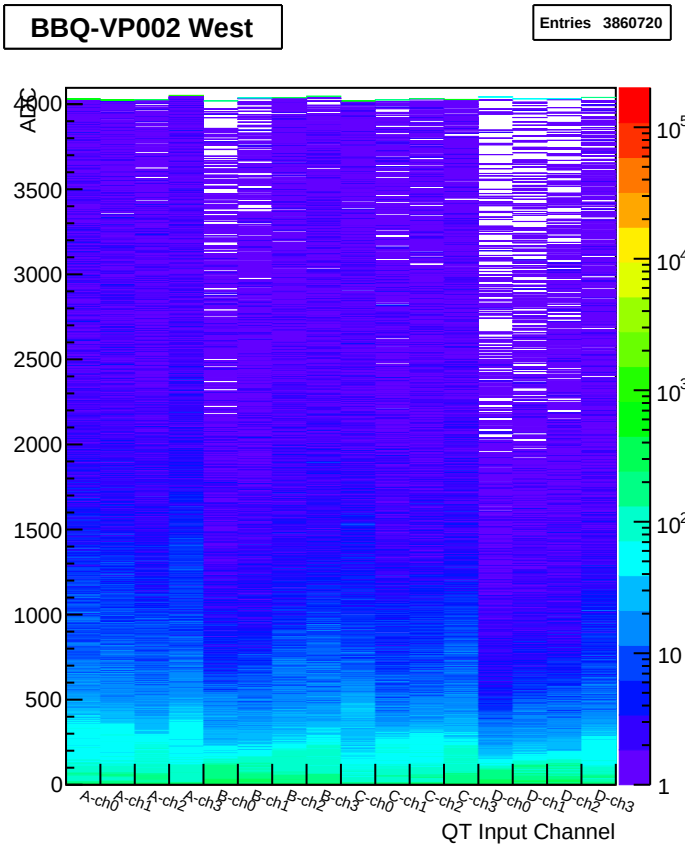

BBQ-BB002 (BBC west small tiles TAC)
Entries 3860720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

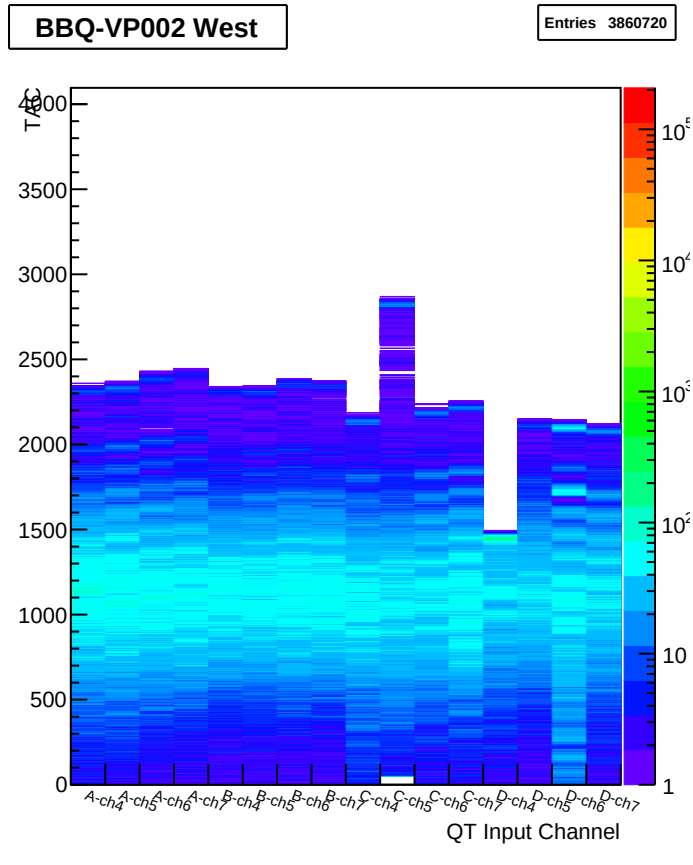

BBQ-ZD001 (ZDC TOWER)
Entries 3860720
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

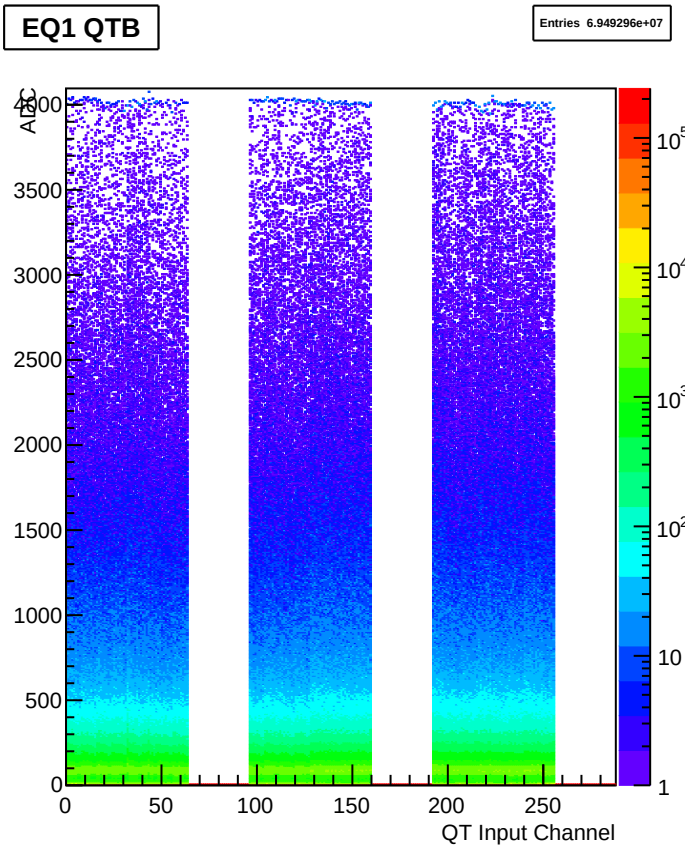

BBQ-ZD001 (ZDC TOWER)
Entries 3860720
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

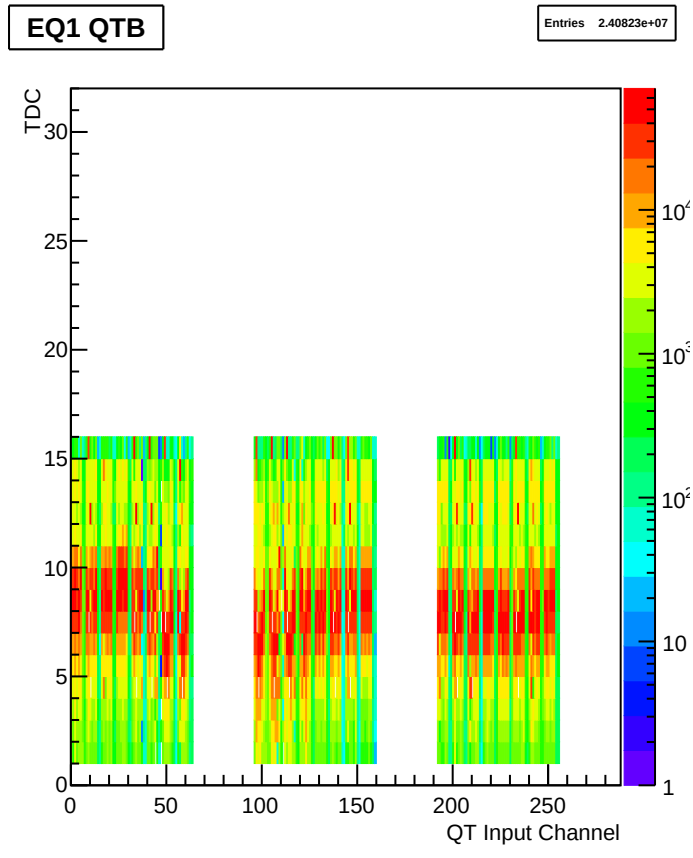

BBQ-VP001 East
Entries 3860720
ADC
QT Input Channel

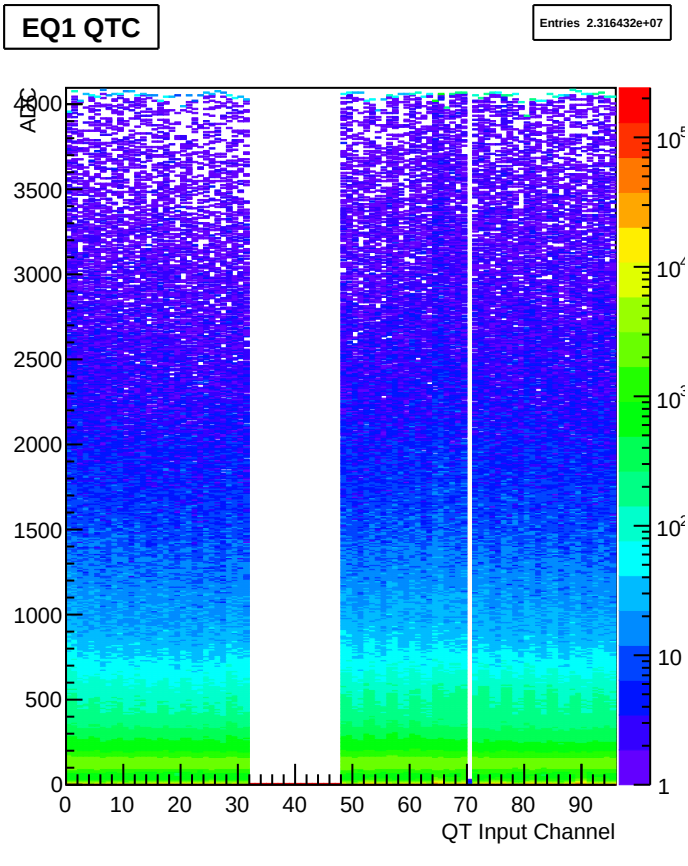

BBQ-VP001 East
Entries 3860720
TADC
QT Input Channel

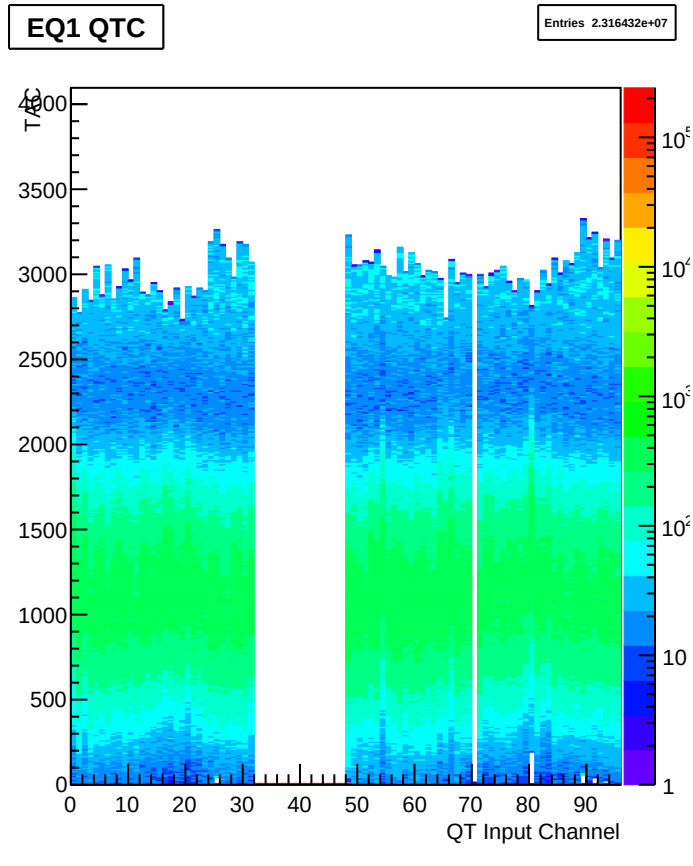

BBQ-VP002 West
Entries 3860720
ADC
QT Input Channel

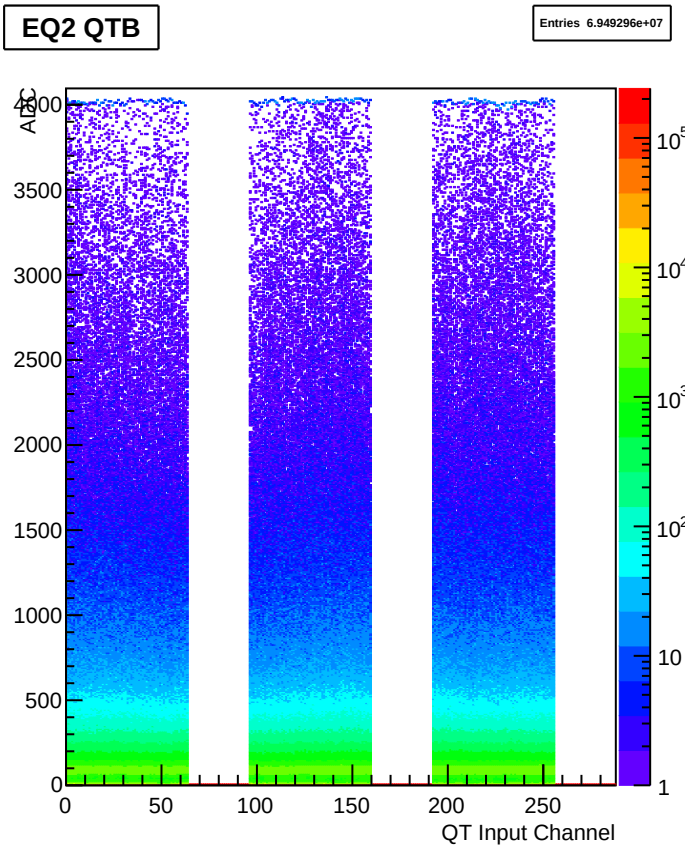

BBQ-VP002 West
Entries 3860720
TADC
QT Input Channel

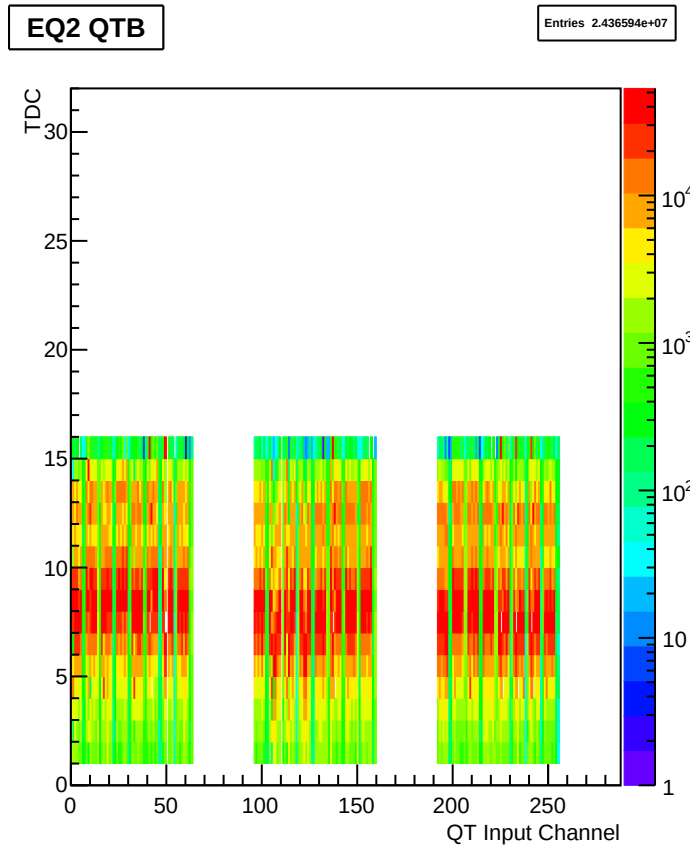

EQ1 QTB
Entries 6.949296e+07
ADC
QT Input Channel

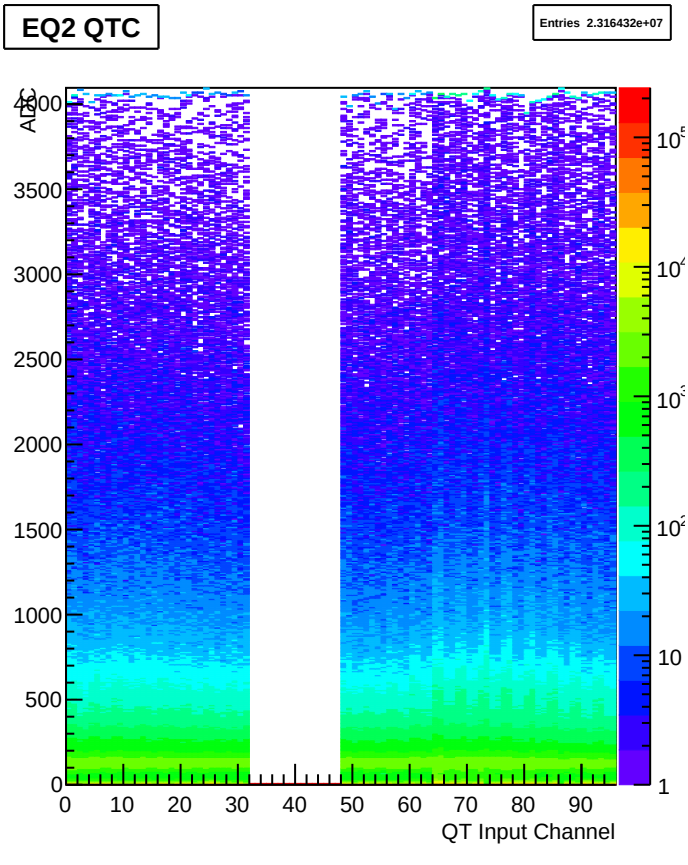

EQ1 QTB
Entries 2.40823e+07
TDC
QT Input Channel

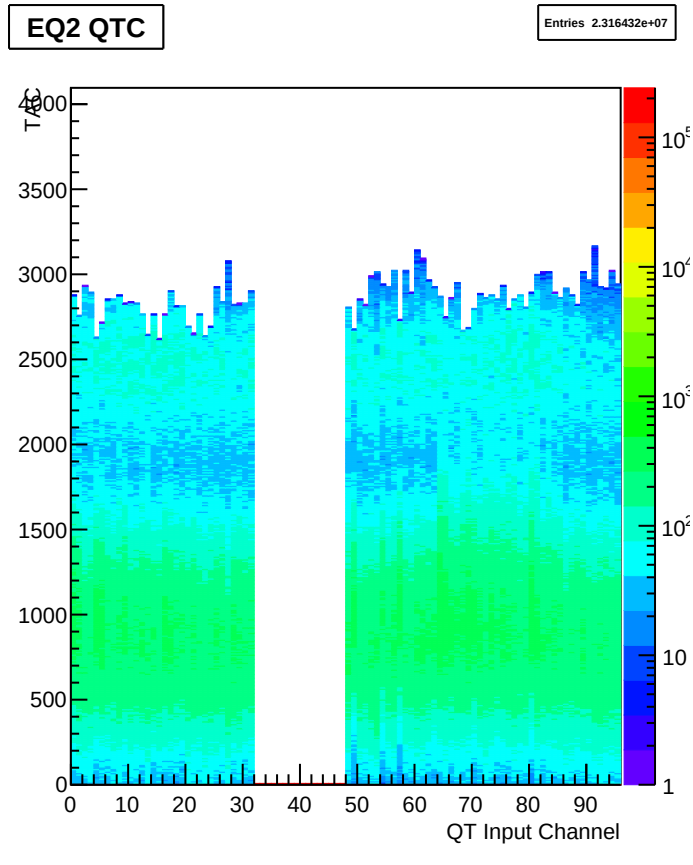

EQ1 QTC
Entries 2.316432e+07
ADC
QT Input Channel

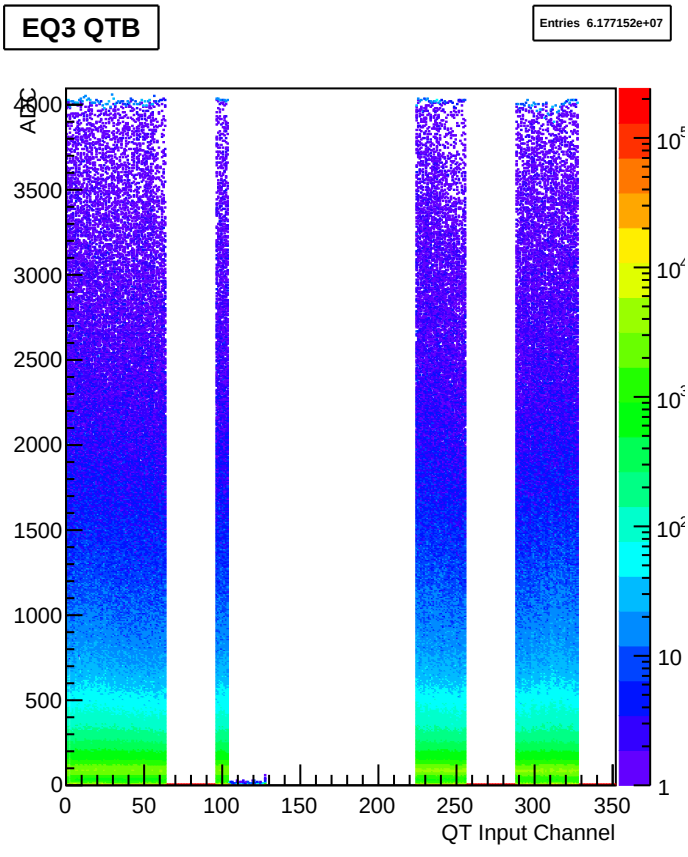

EQ1 QTC
Entries 2.316432e+07
TADC
QT Input Channel

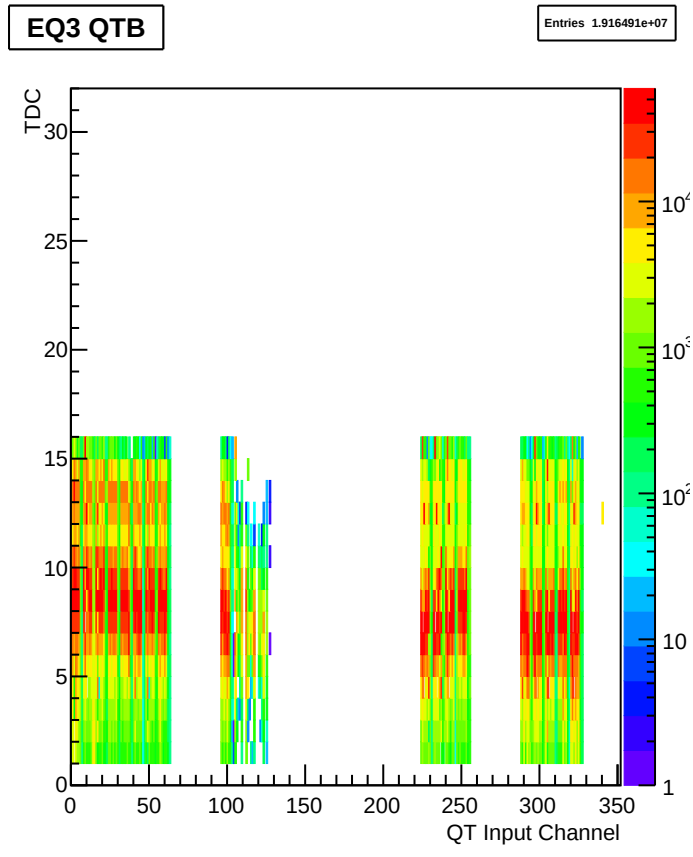

EQ2 QTB
Entries 6.949296e+07
ADC
QT Input Channel

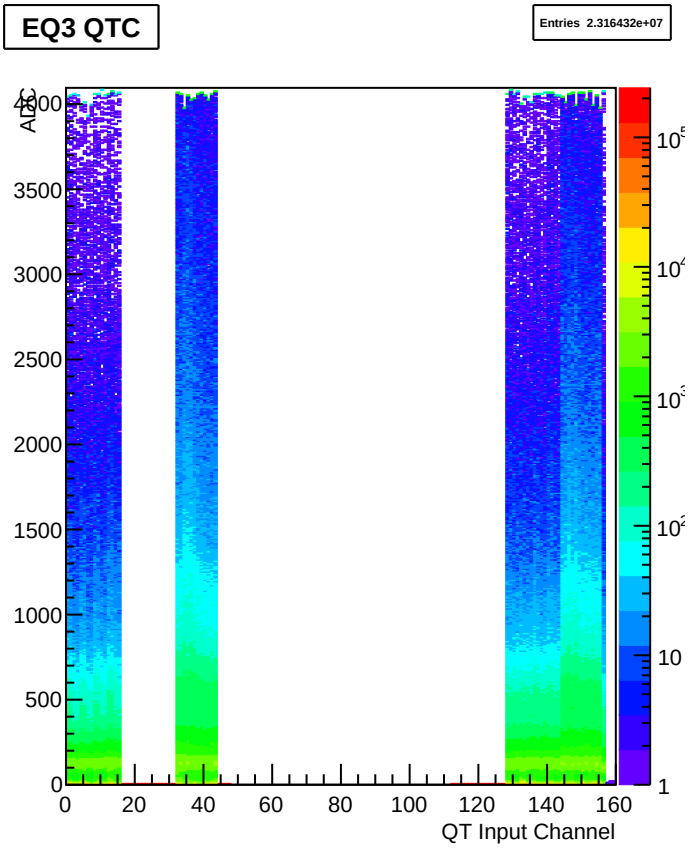

EQ2 QTB
Entries 2.436594e+07
TDC
QT Input Channel

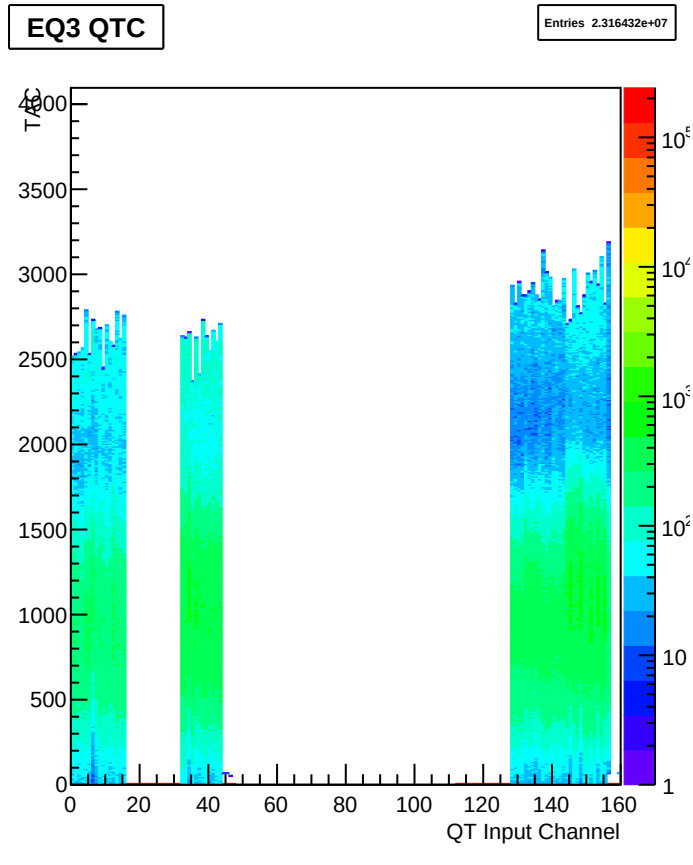

EQ2 QTC
Entries 2.316432e+07
ADC
QT Input Channel

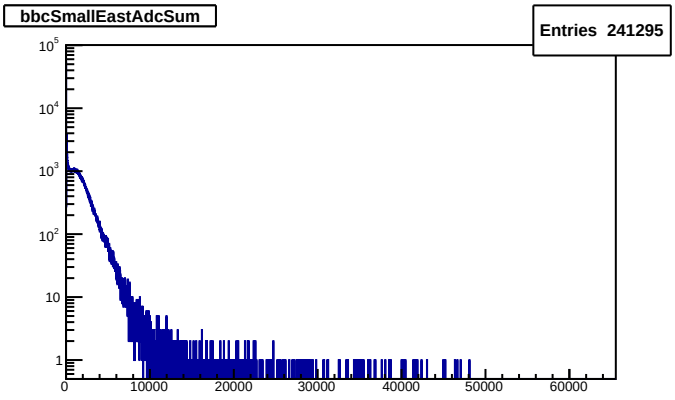

EQ2 QTC
Entries 2.316432e+07
TADC
QT Input Channel

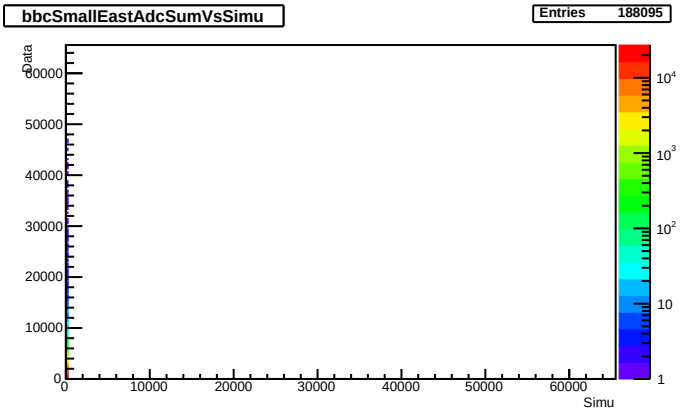

EQ3 QTB
Entries 6.177152e+07
ADC
QT Input Channel

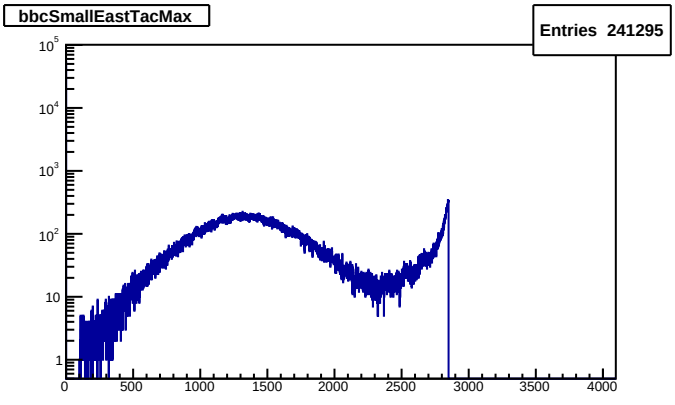

EQ3 QTB
Entries 1.916491e+07
TDC
QT Input Channel

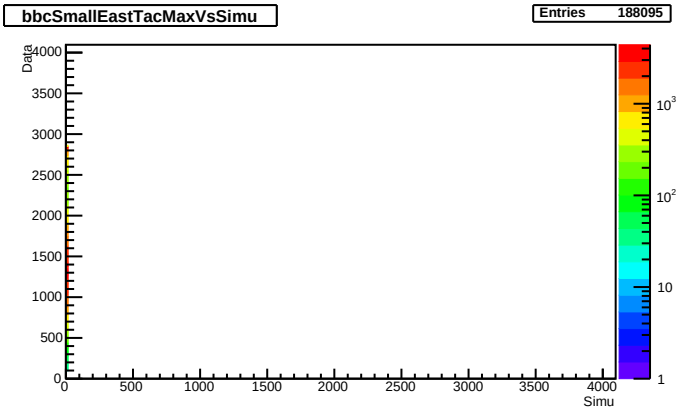

EQ3 QTC
Entries 2.316432e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.316432e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 241295


bbcSmallEastAdcSumVsSimu
Entries 188095
Data
Simu


bbcSmallEastTacMax
Entries 241295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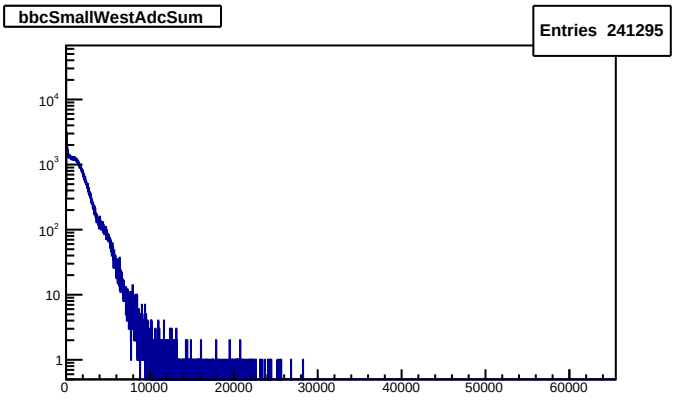
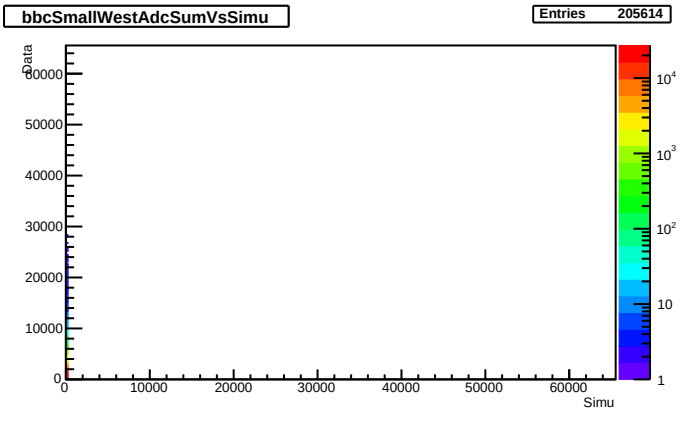
Entries 188095
Data
Simu


bbcSmallWestAdcSum
Entries 241295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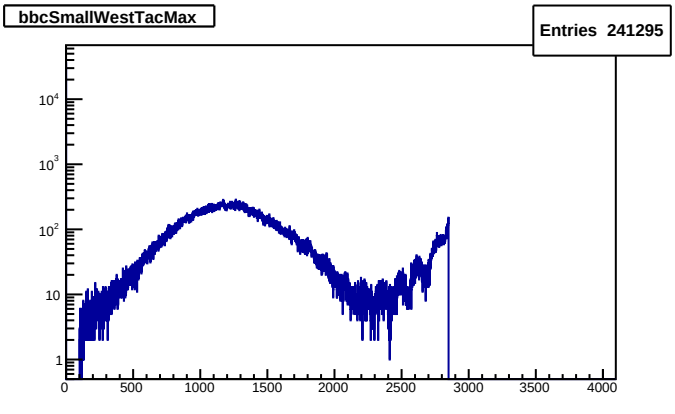
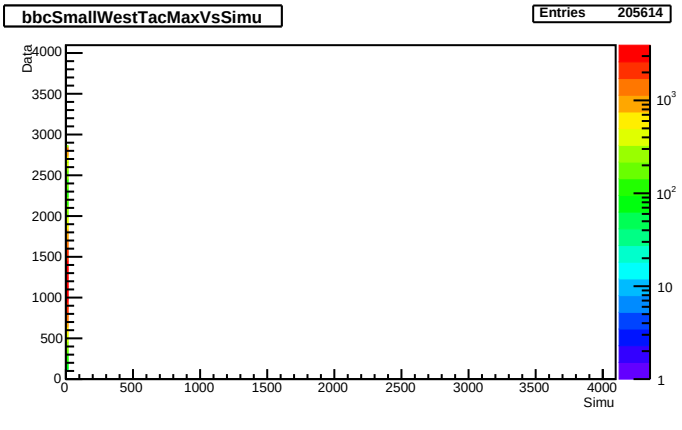
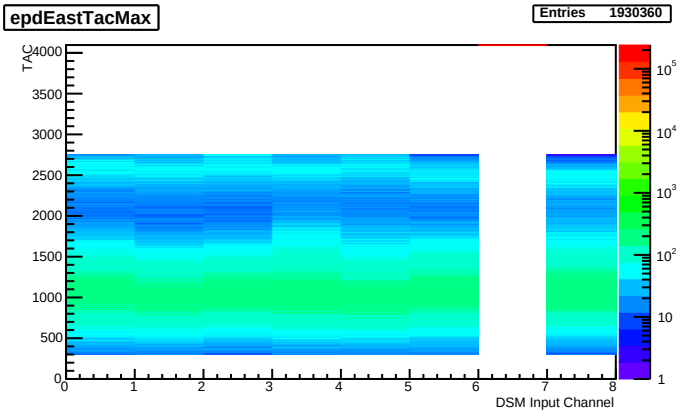
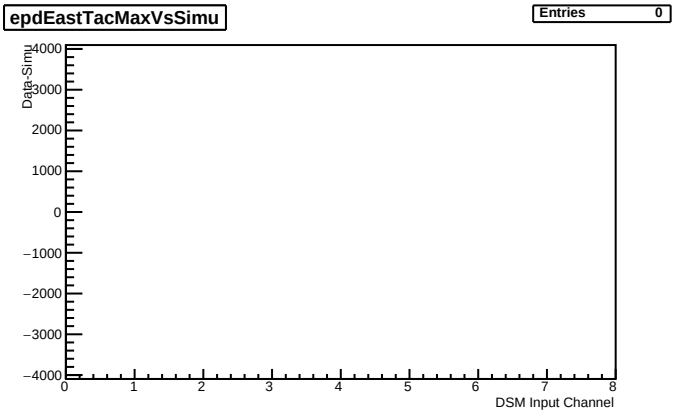
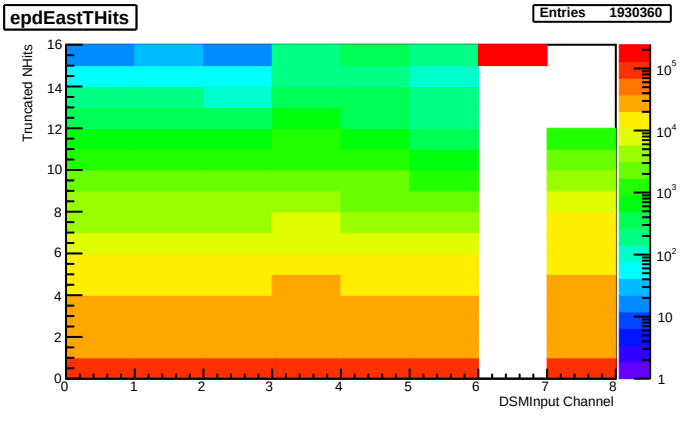
Entries 205614
Data
Simu

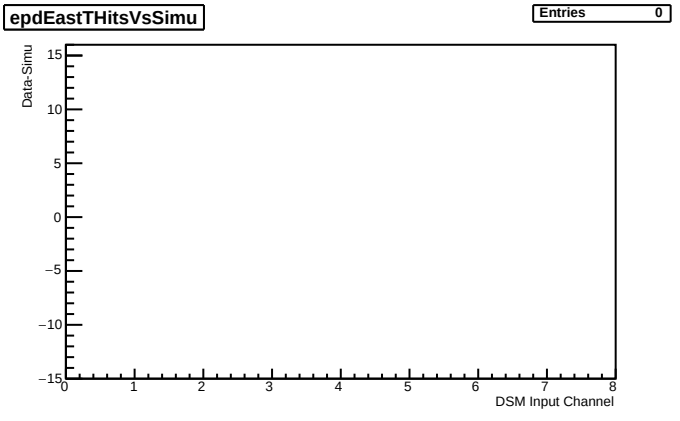

bbcSmallWestTacMax
Entries 241295

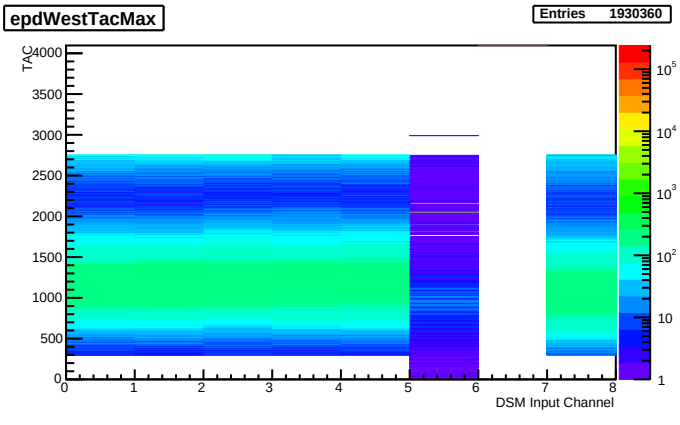

bbcSmallWestTacMaxVsSimu
Entries 205614
Data
Simu

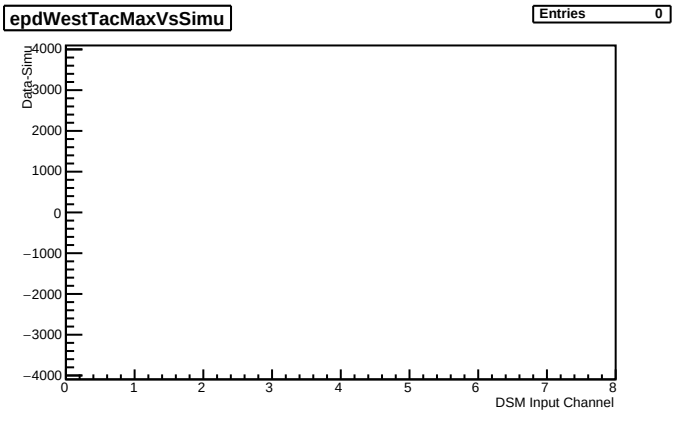

epdEastTacMax
Entries 1930360
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1930360
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1930360
TAC
DSM Input Channel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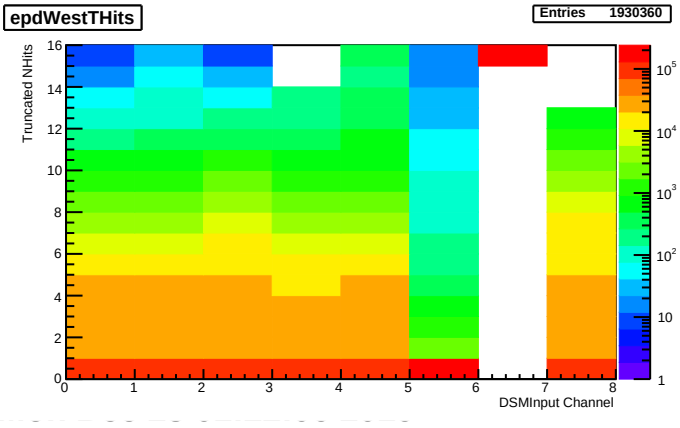
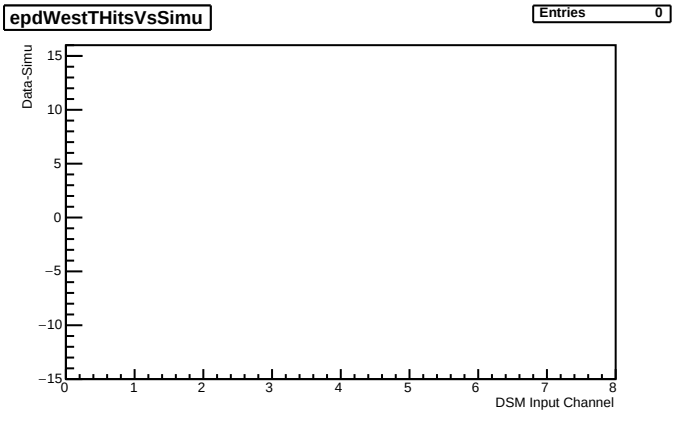
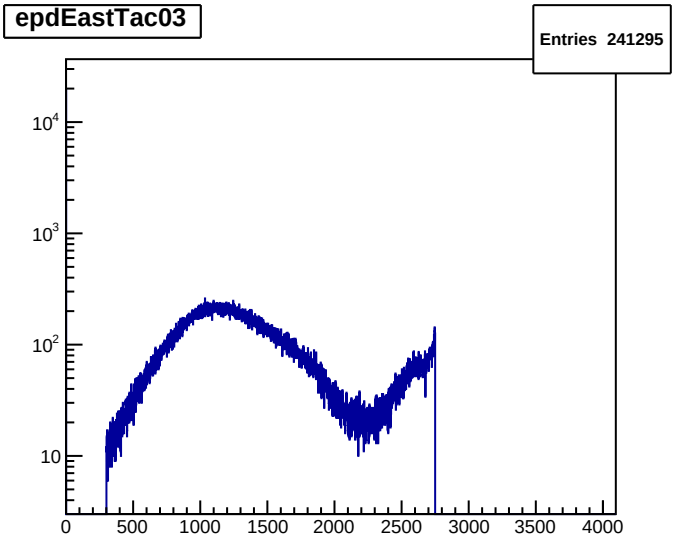
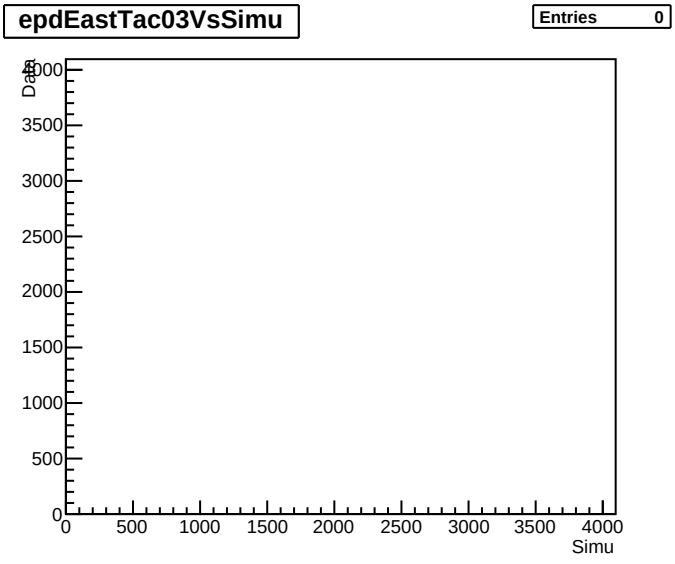
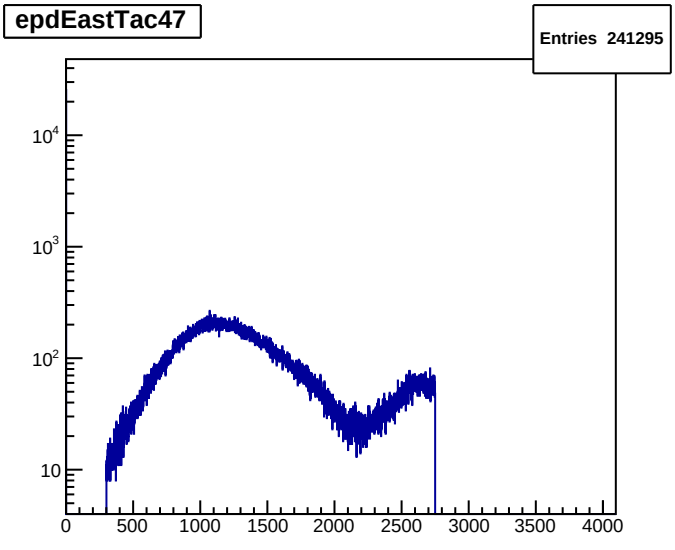
Entries 0
Data-Simu
DSM Input Channel

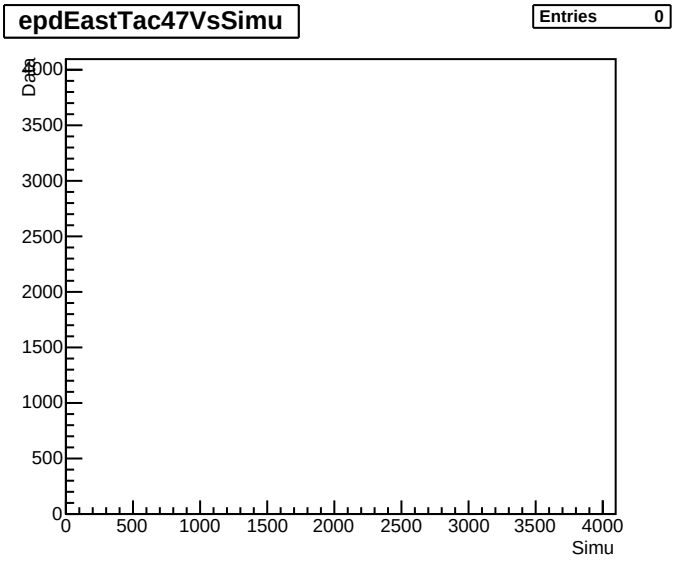

epdWestTHits
Entries 1930360
Truncated NHits
DSMInput Channel

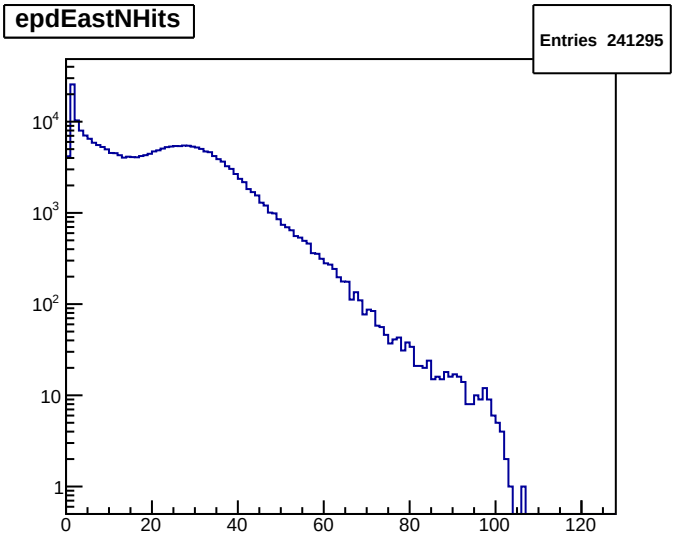

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

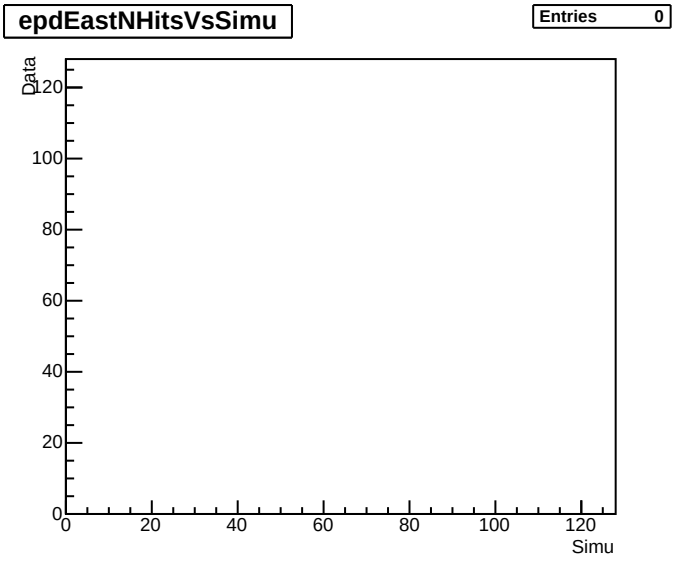

epdEastTac03
Entries 241295


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 241295


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 241295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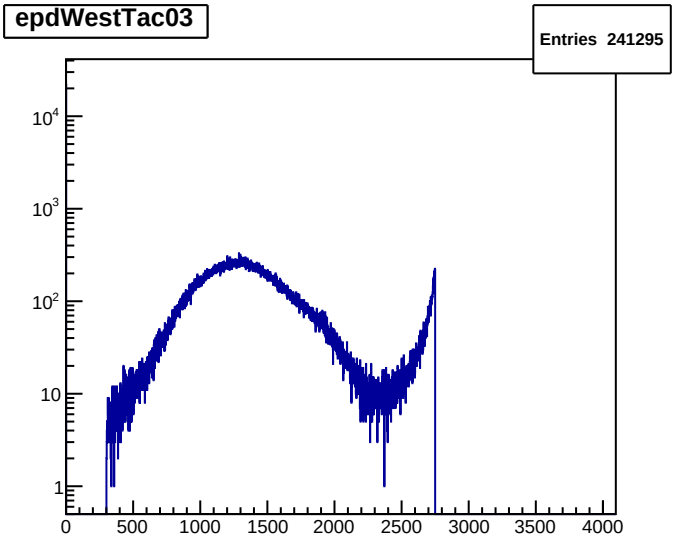
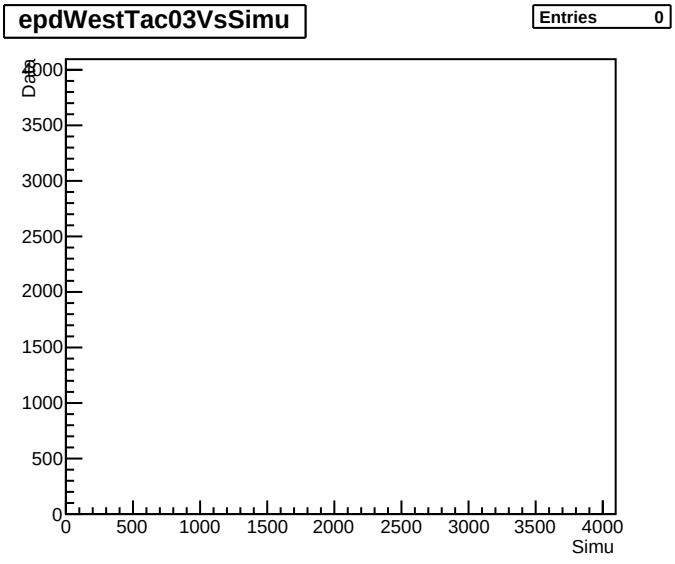
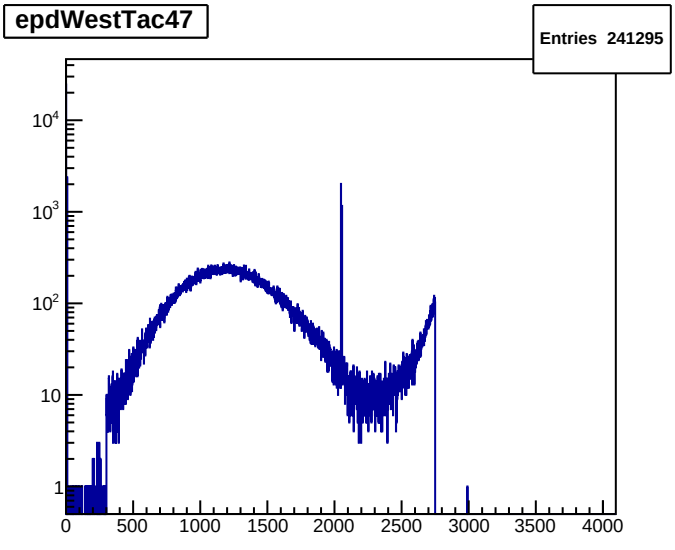
Entries 0
Data
Simu


epdWestTac03
Entries 241295


epdWestTac03VsSimu
Entries 0
Data
Simu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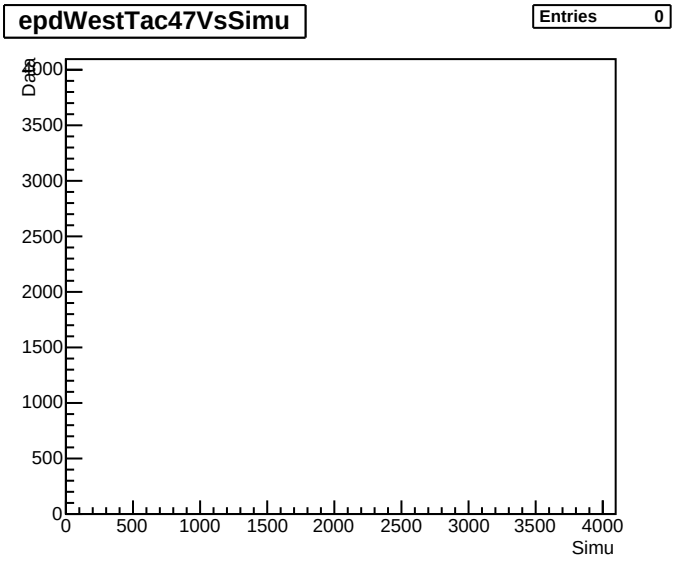
Entries 241295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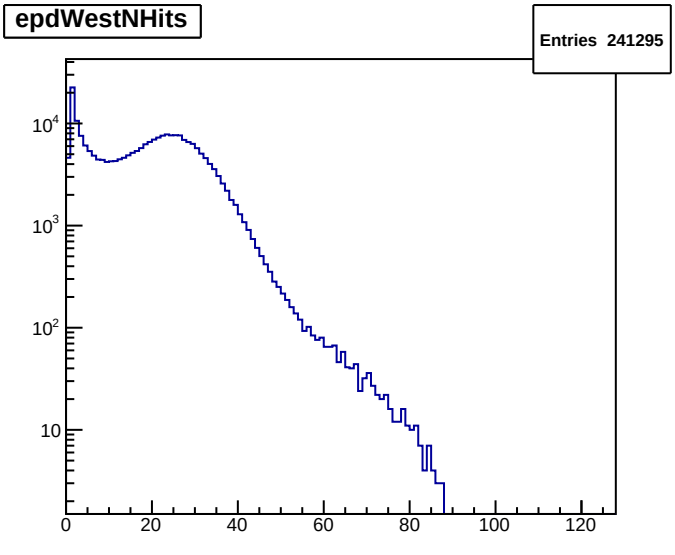
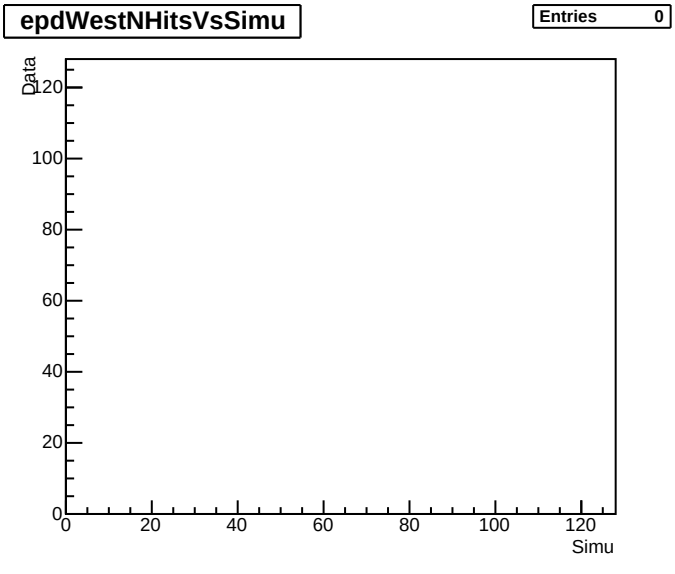
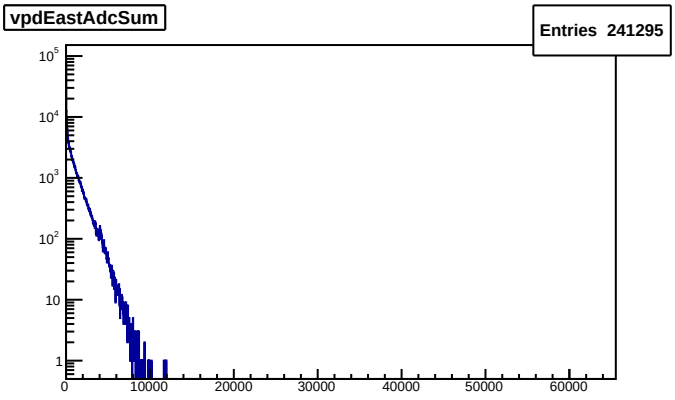
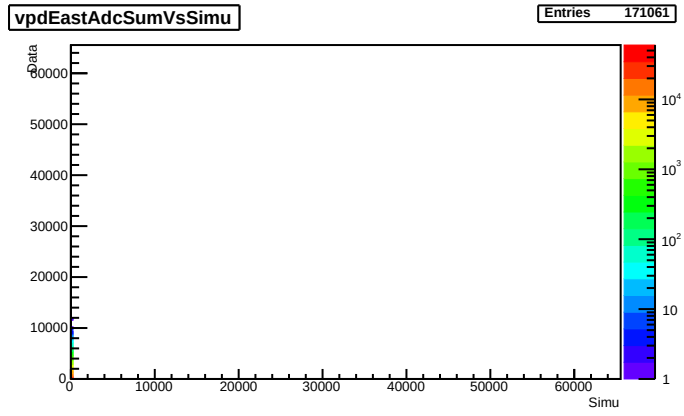
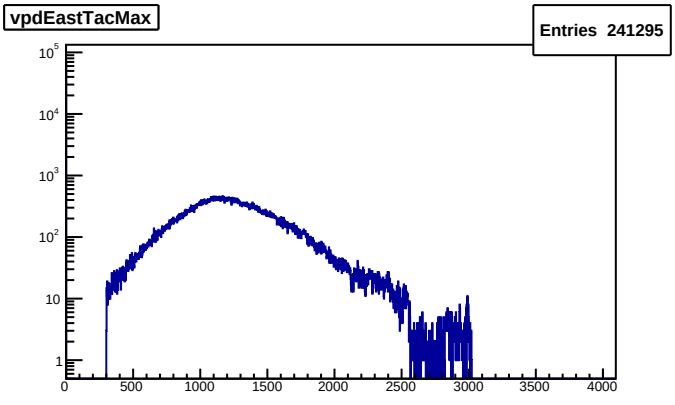
Entries 0
Data
Simu

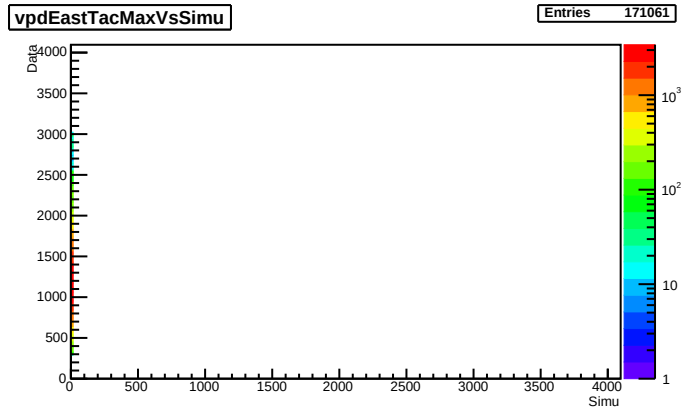

epdWestNHits
Entries 241295

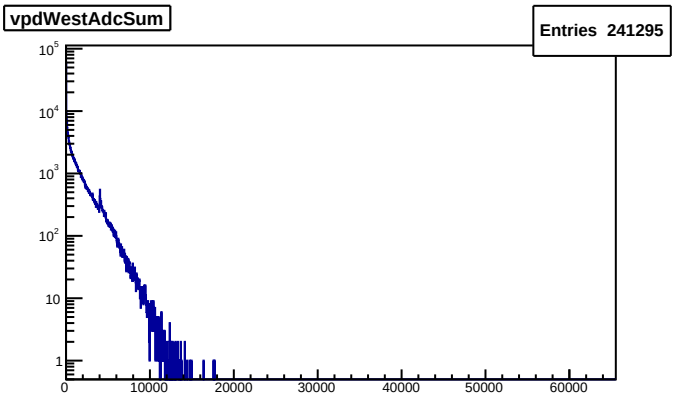

epdWestNHitsVsSimu
Entries 0
Data
Simu

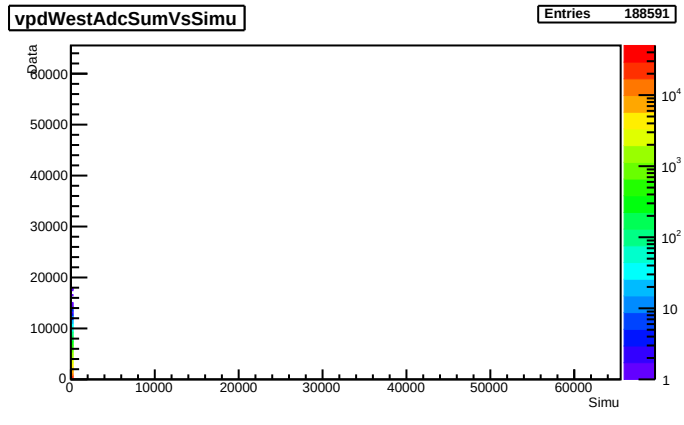

vpdEastAdcSum
Entries 241295

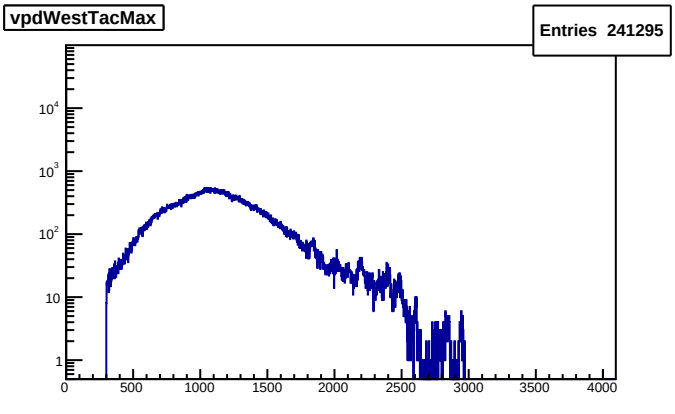

vpdEastAdcSumVsSimu
Entries 171061
Data
Simu

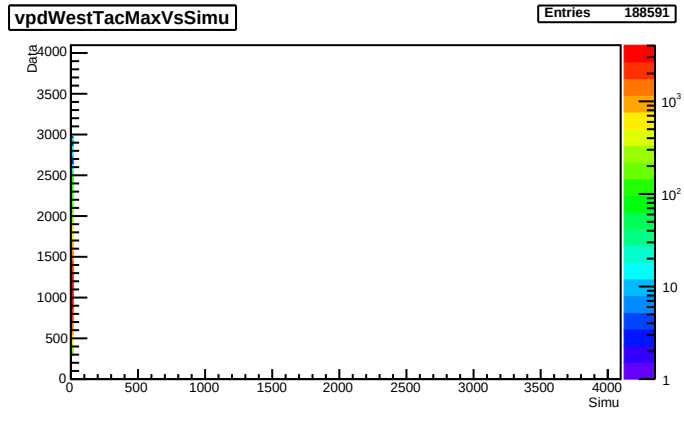

vpdEastTacMax
Entries 241295

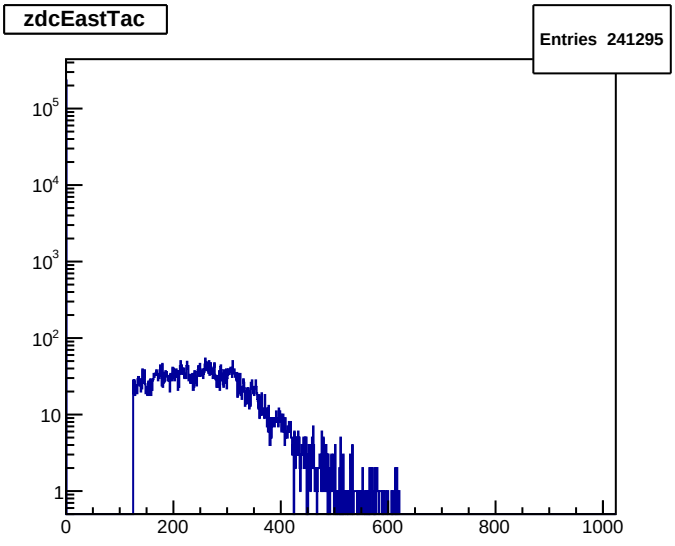

vpdEastTacMaxVsSimu
Entries 171061
Data
Simu

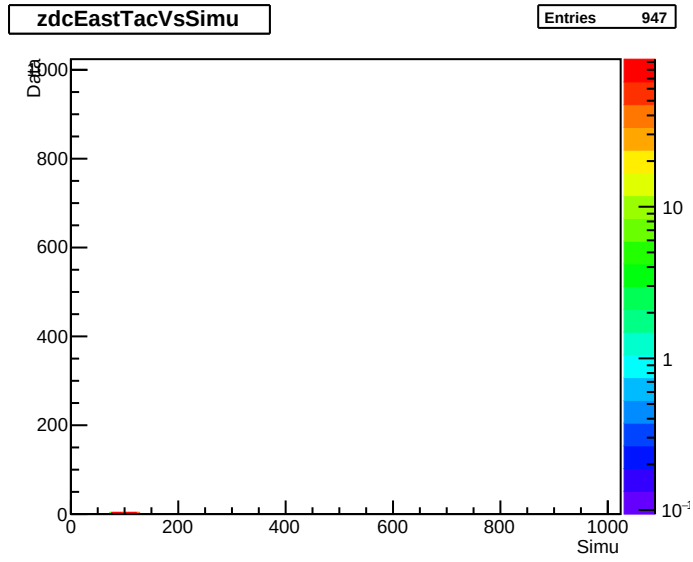

vpdWestAdcSum
Entries 241295

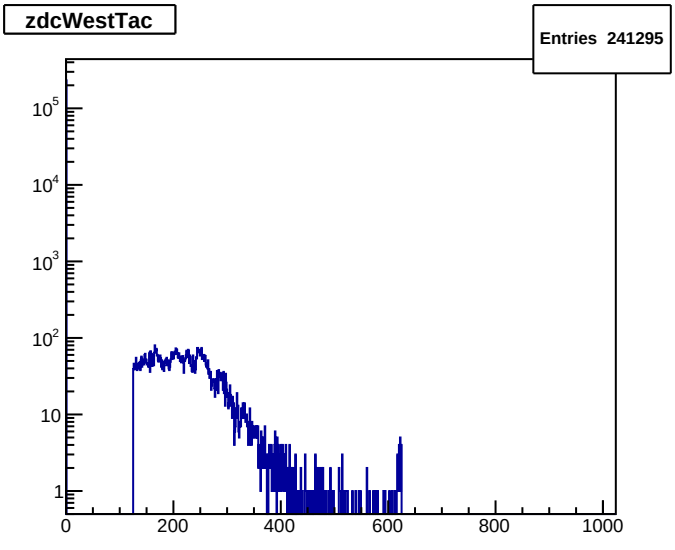

vpdWestAdcSumVsSimu
Entries 188591
Data
Simu

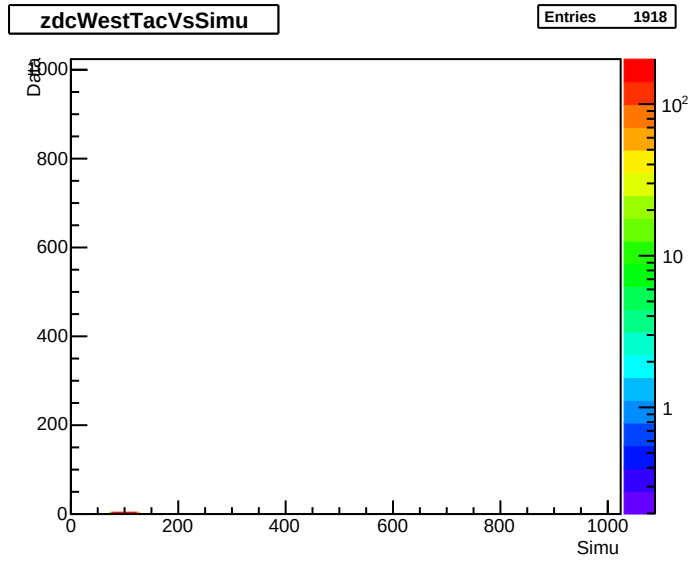

vpdWestTacMax
Entries 241295

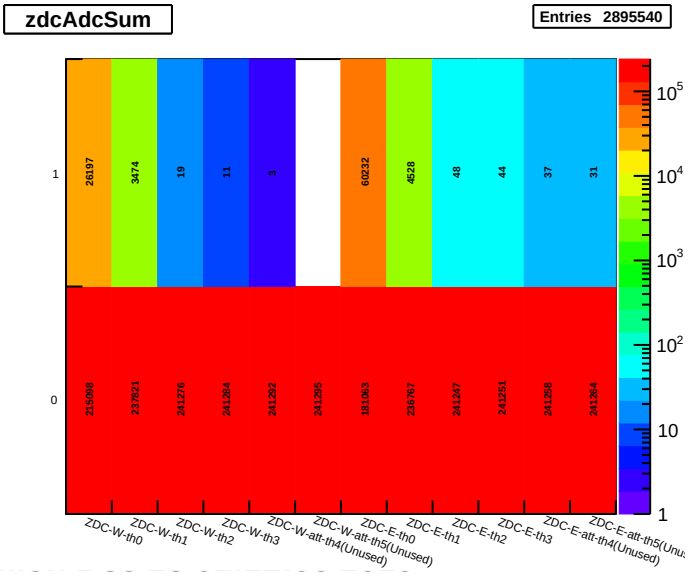

vpdWestTacMaxVsSimu
Entries 188591
Data
Simu

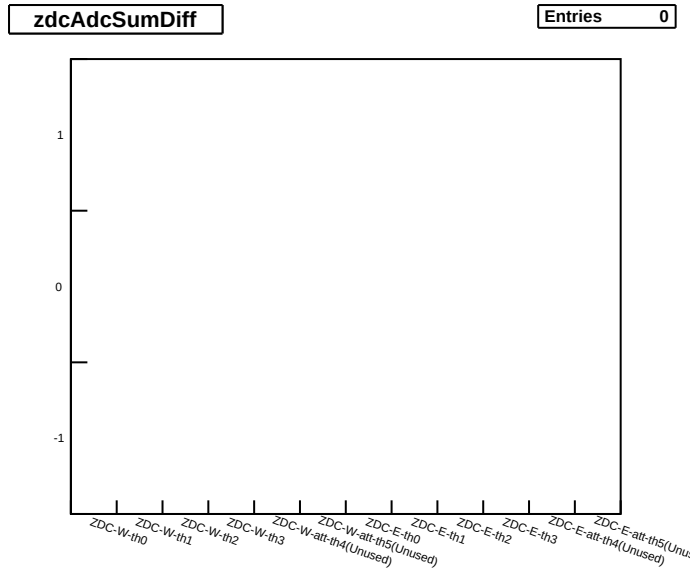

zdcEastTac
Entries 241295

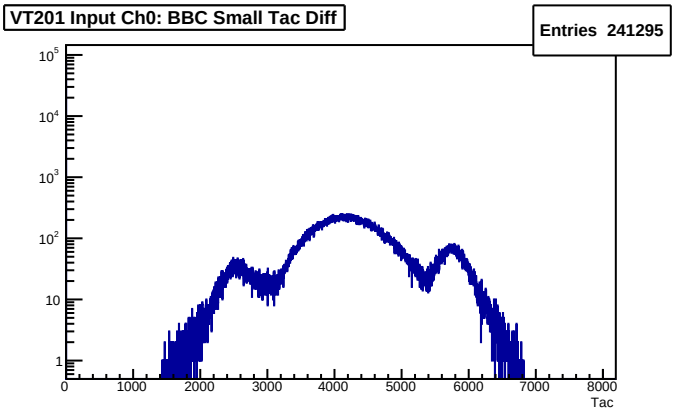

zdcEastTacVsSimu
Entries 947
Data
Simu

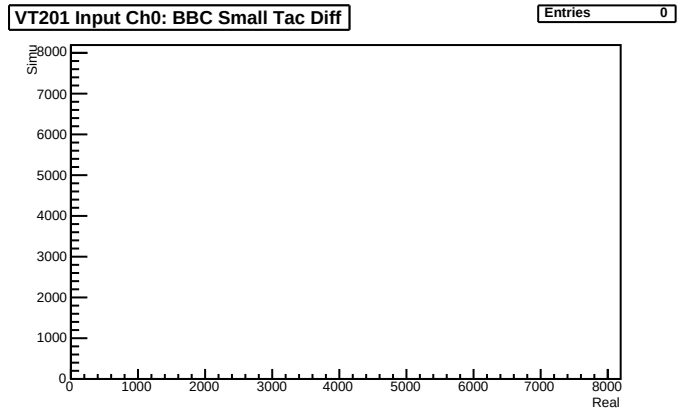

zdcWestTac
Entries 241295

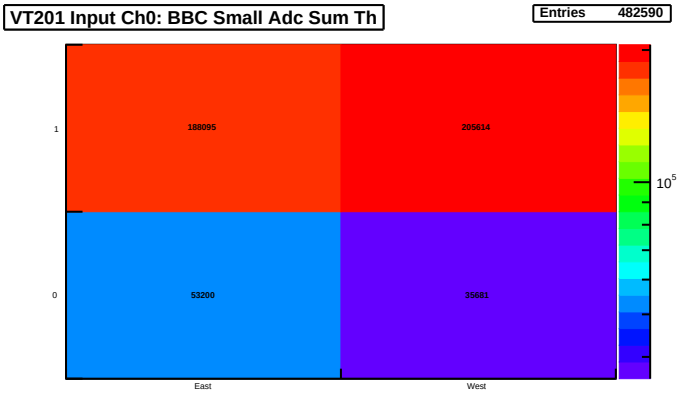

zdcWestTacVsSimu
Entries 1918
Data
Simu

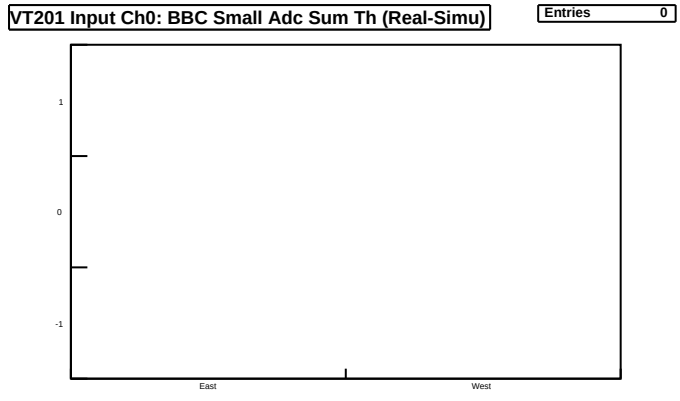

zdcAdcSum
Entries 2895540
26197
3474
19
11
3
60232
4528
48
44
37
31
215088
237821
241276
241284
241292
241295
181063
236767
241247
241251
241258
241264
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

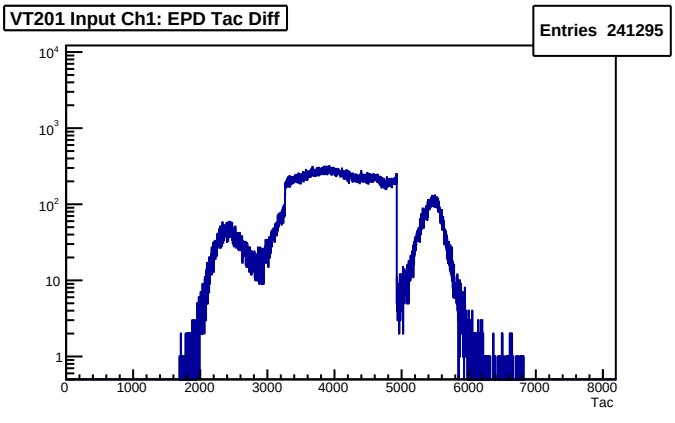

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

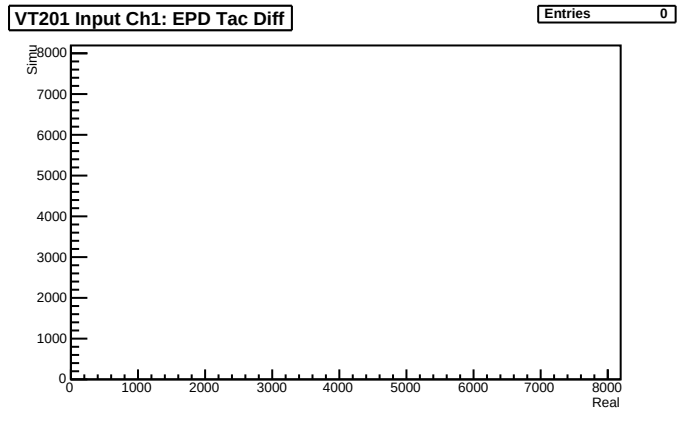

VT201 Input Ch0: BBC Small Tac Diff
Entries 241295
Tac

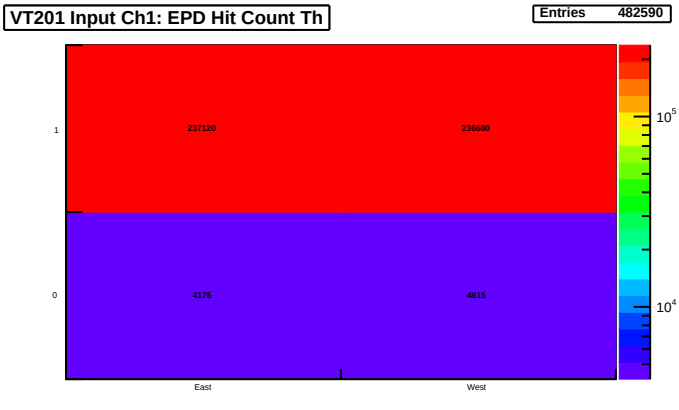

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

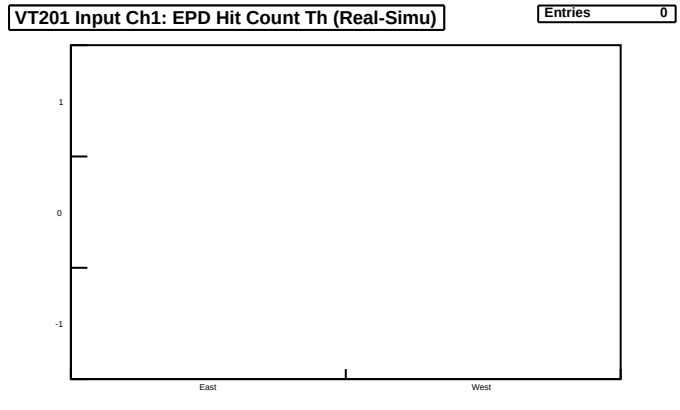

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 482590
188095
205614
53200
35681
East
West

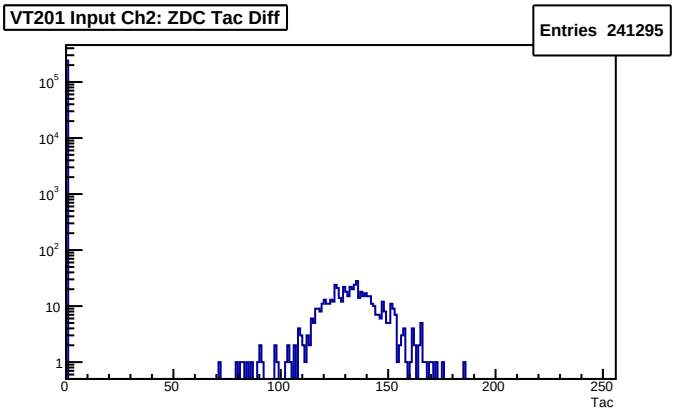

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

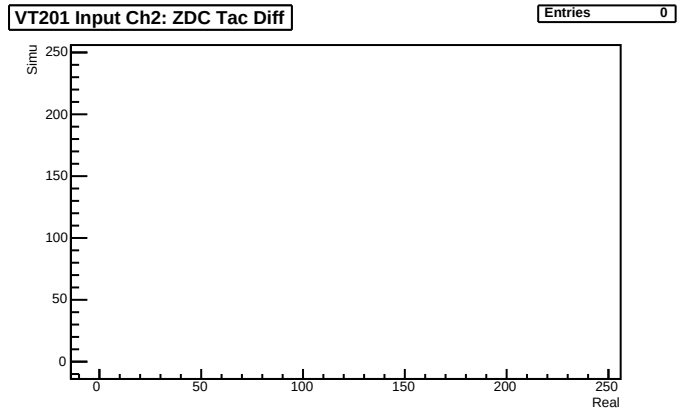

VT201 Input Ch1: EPD Tac Diff
Entries 241295
Tac

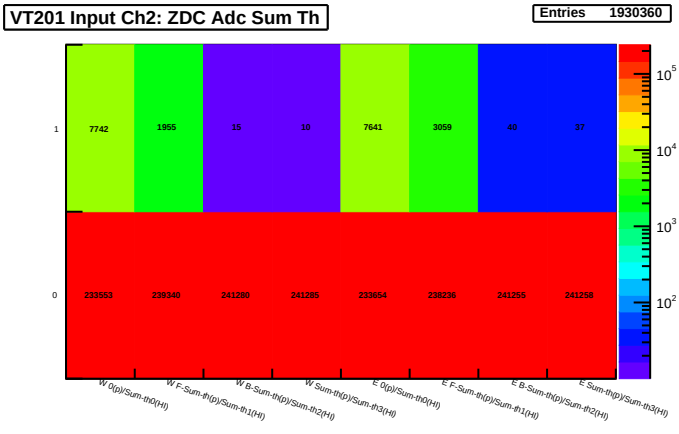

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

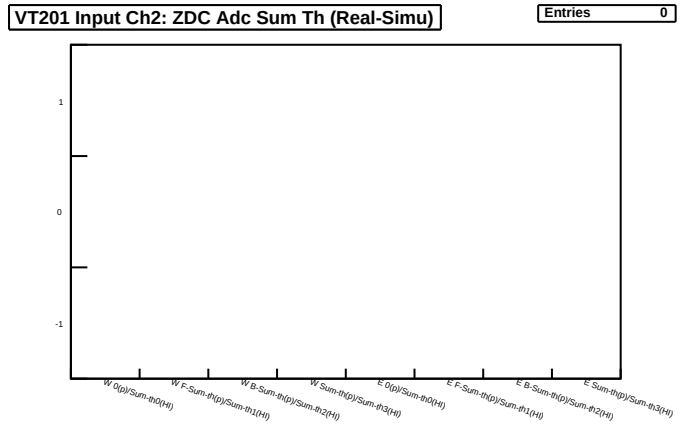

VT201 Input Ch1: EPD Hit Count Th
Entries 482590
237120
236680
4175
4615
East
West

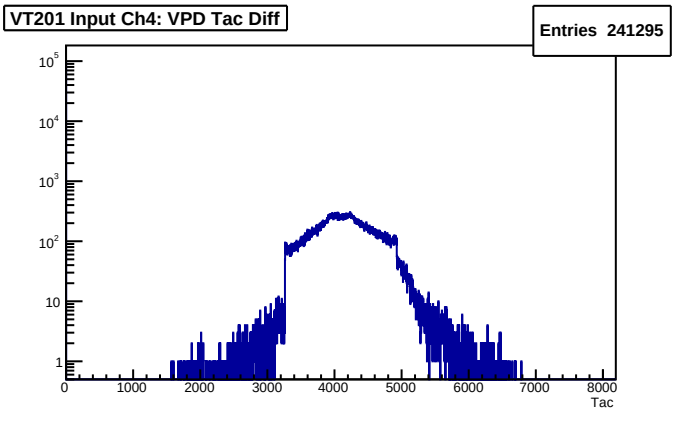

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

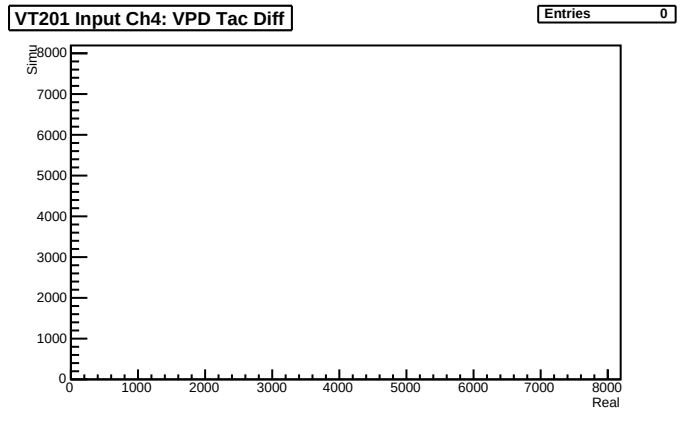

VT201 Input Ch2: ZDC Tac Diff
Entries 241295
Tac

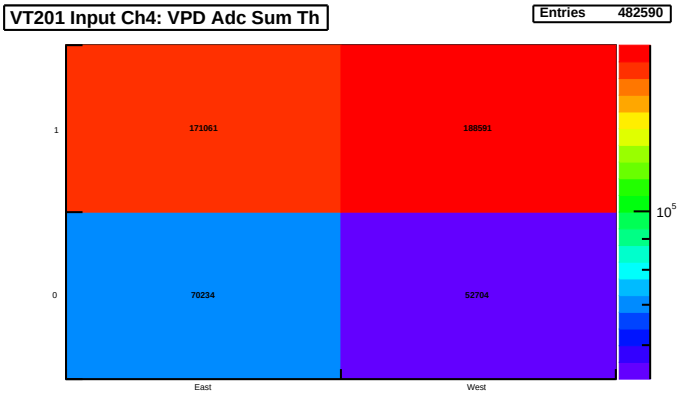

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

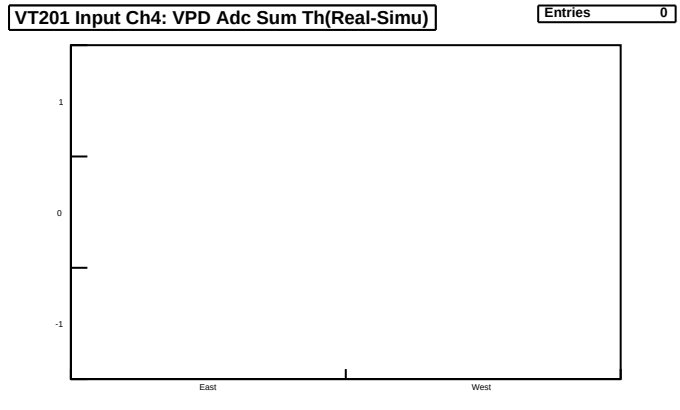

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1930360
7742
1955
15
10
7641
3059
40
37
233553
239340
241280
241285
233654
238236
241255
241258
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

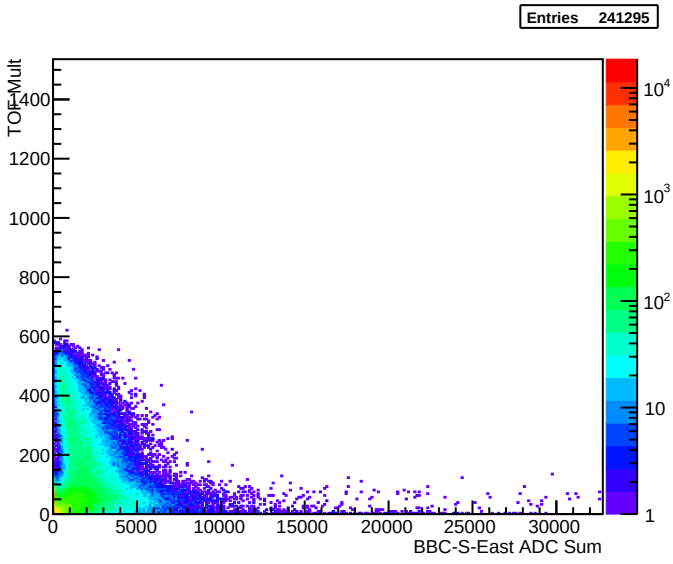

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

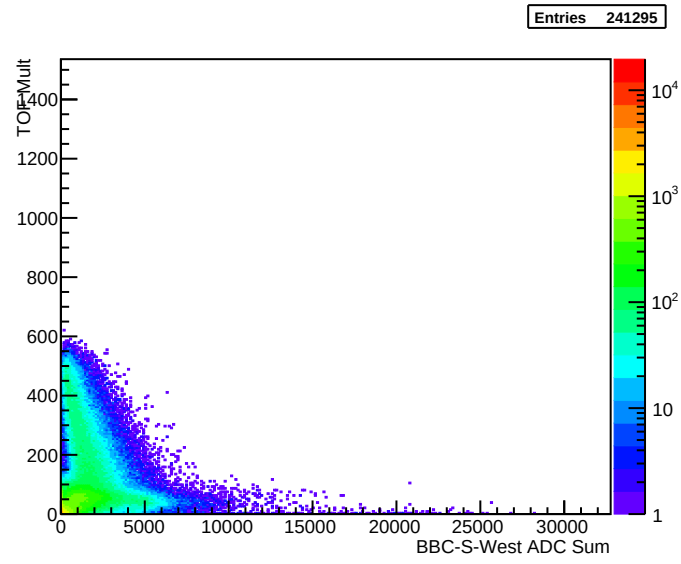

VT201 Input Ch4: VPD Tac Diff
Entries 241295
Tac

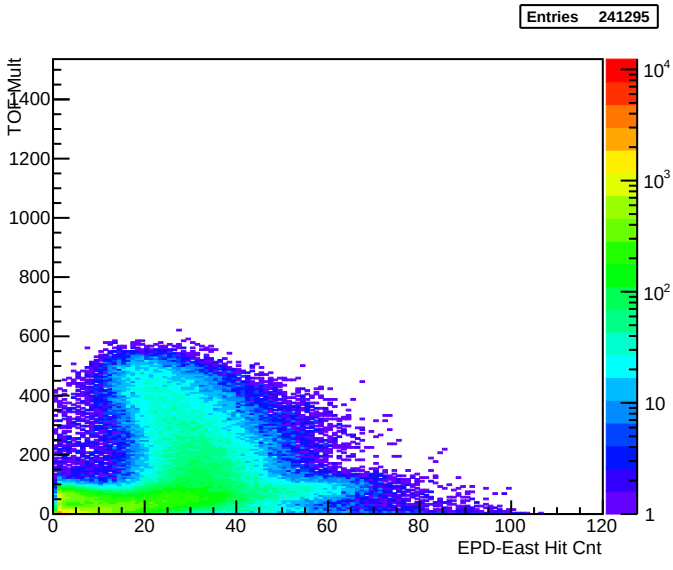

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

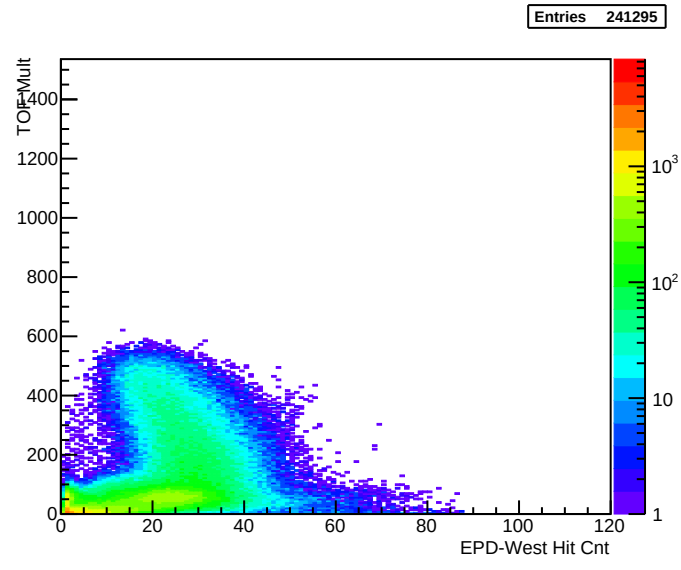

VT201 Input Ch4: VPD Adc Sum Th
Entries 482590
171061
188591
70234
52704
East
West

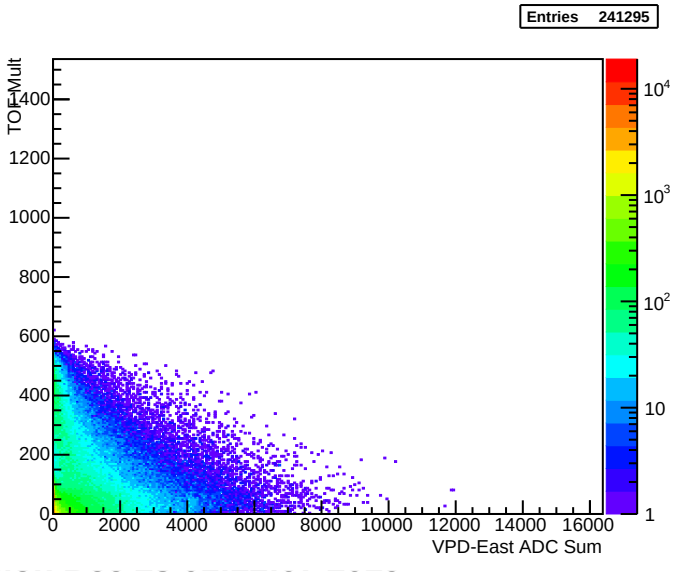

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

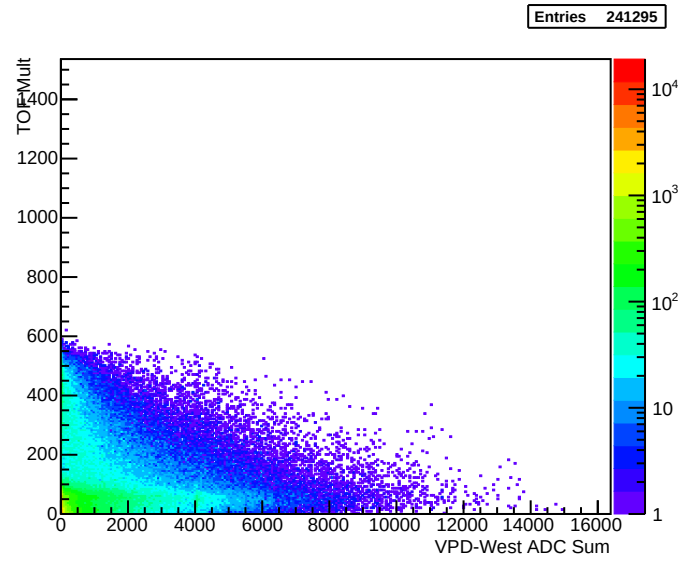

Entries 241295
TOF-Mult
BBC-S-East ADC Sum

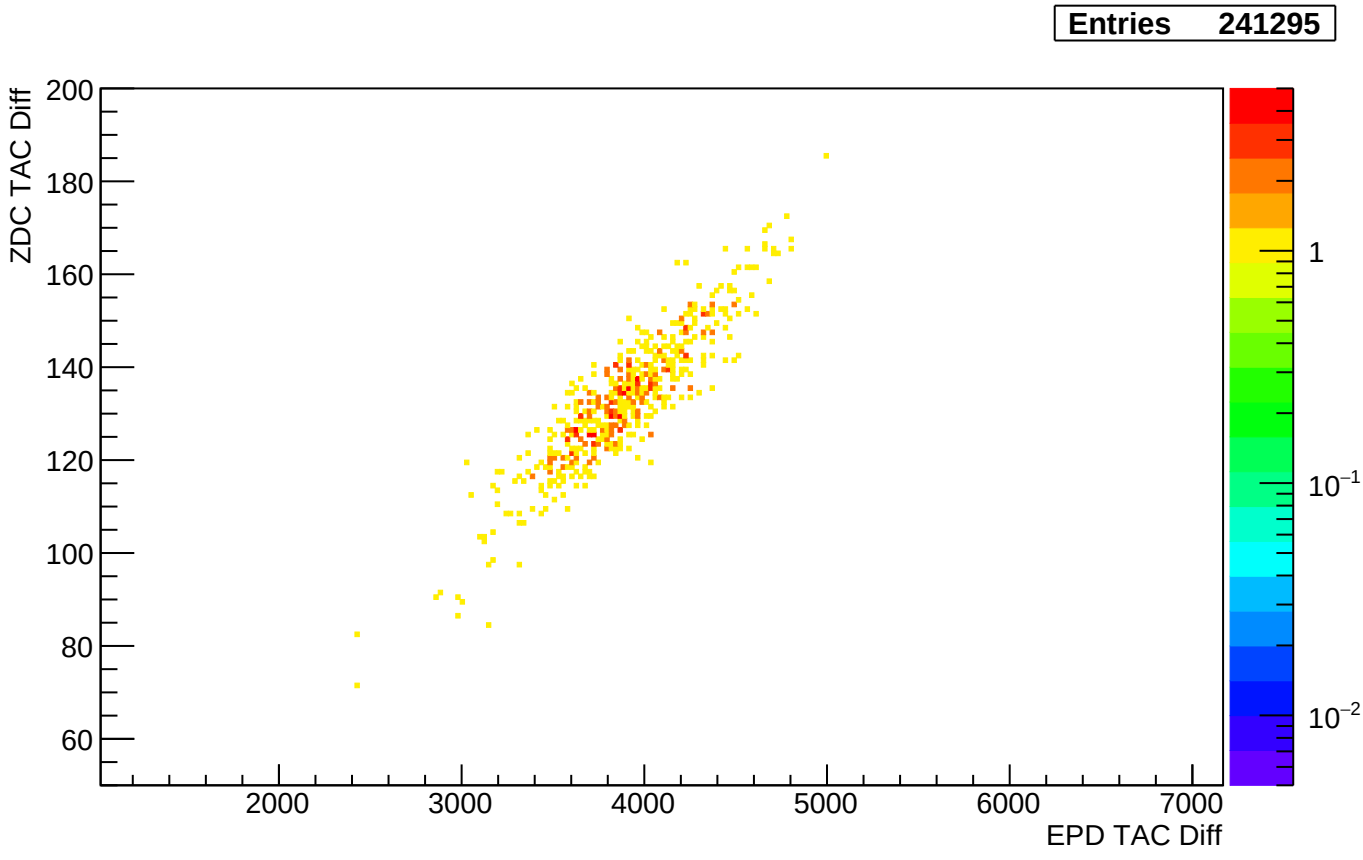

Entries 241295
TOF-Mult
BBC-S-West ADC Sum

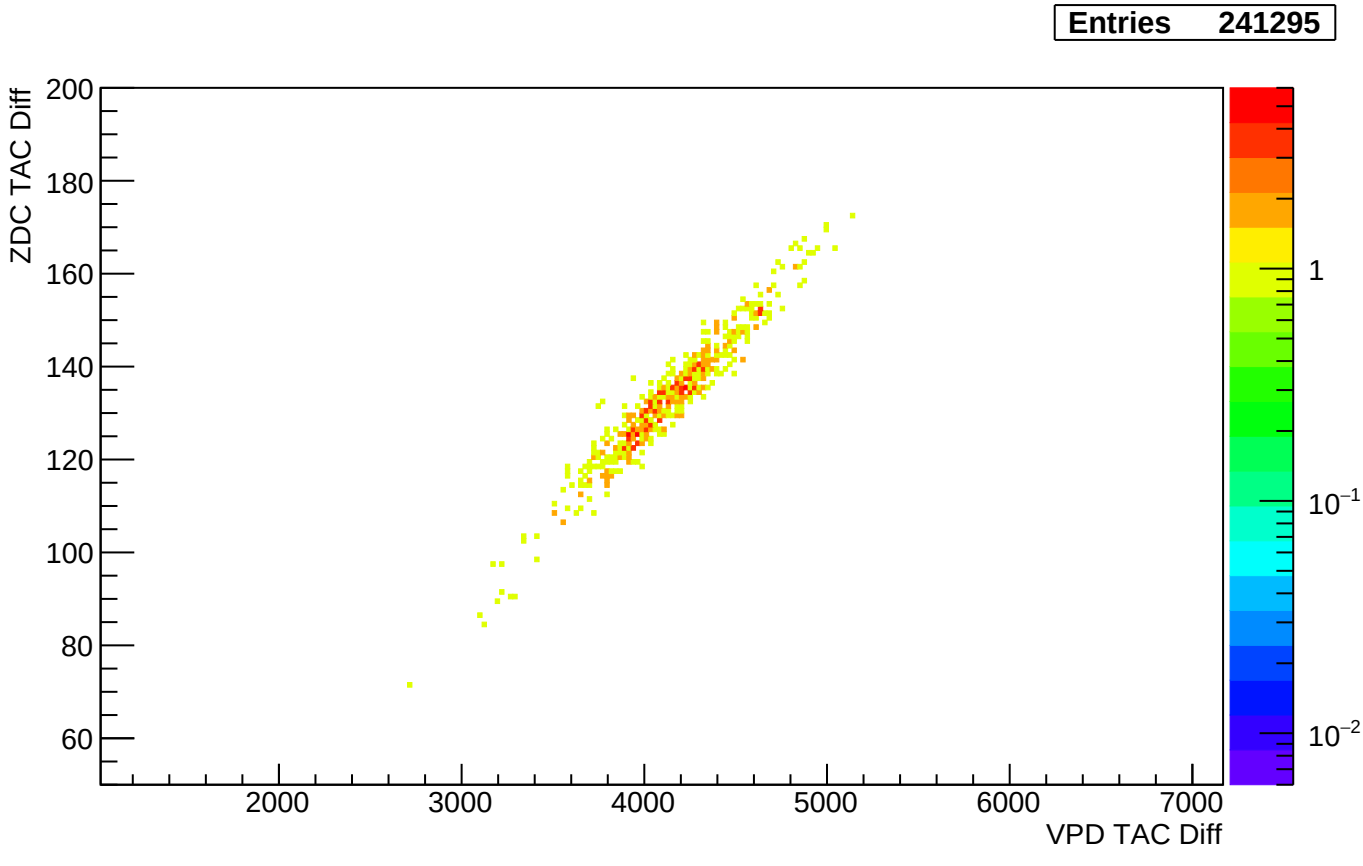

Entries 241295
TOF-Mult
EPD-East Hit Cnt

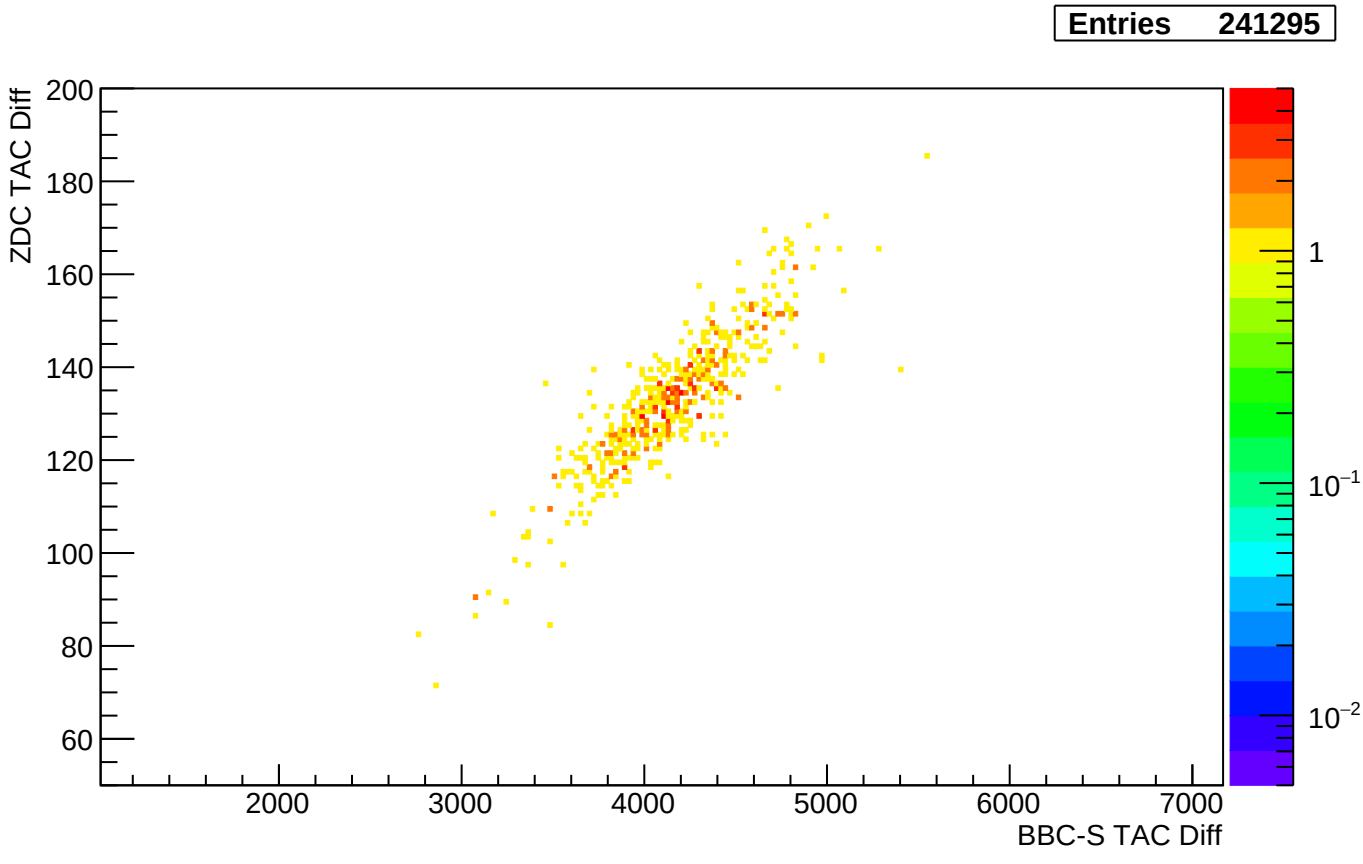

Entries 241295
TOF-Mult
EPD-West Hit Cnt

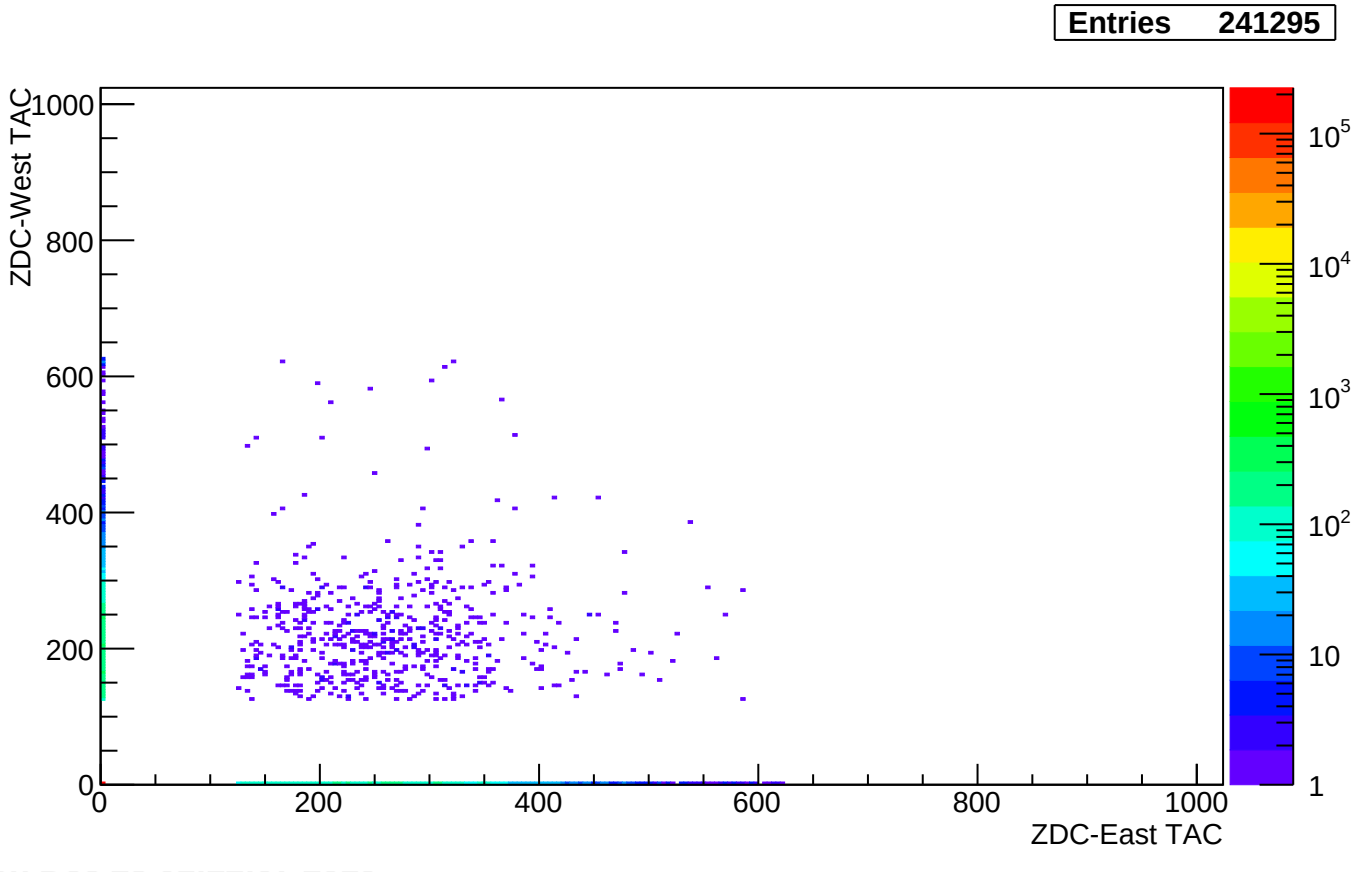

Entries 241295
TOF-Mult
VPD-East ADC Sum

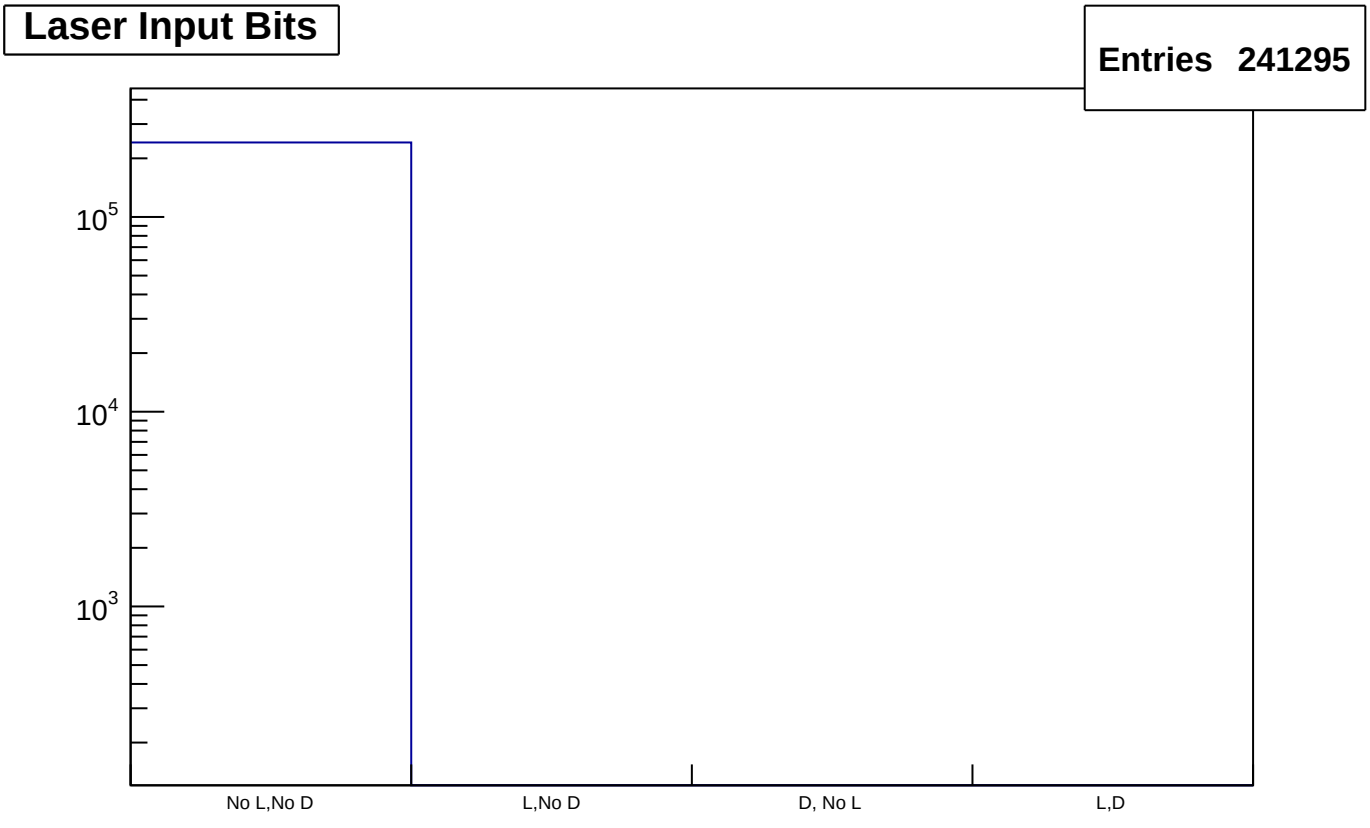

Entries 241295
TOF-Mult
VPD-West ADC Sum

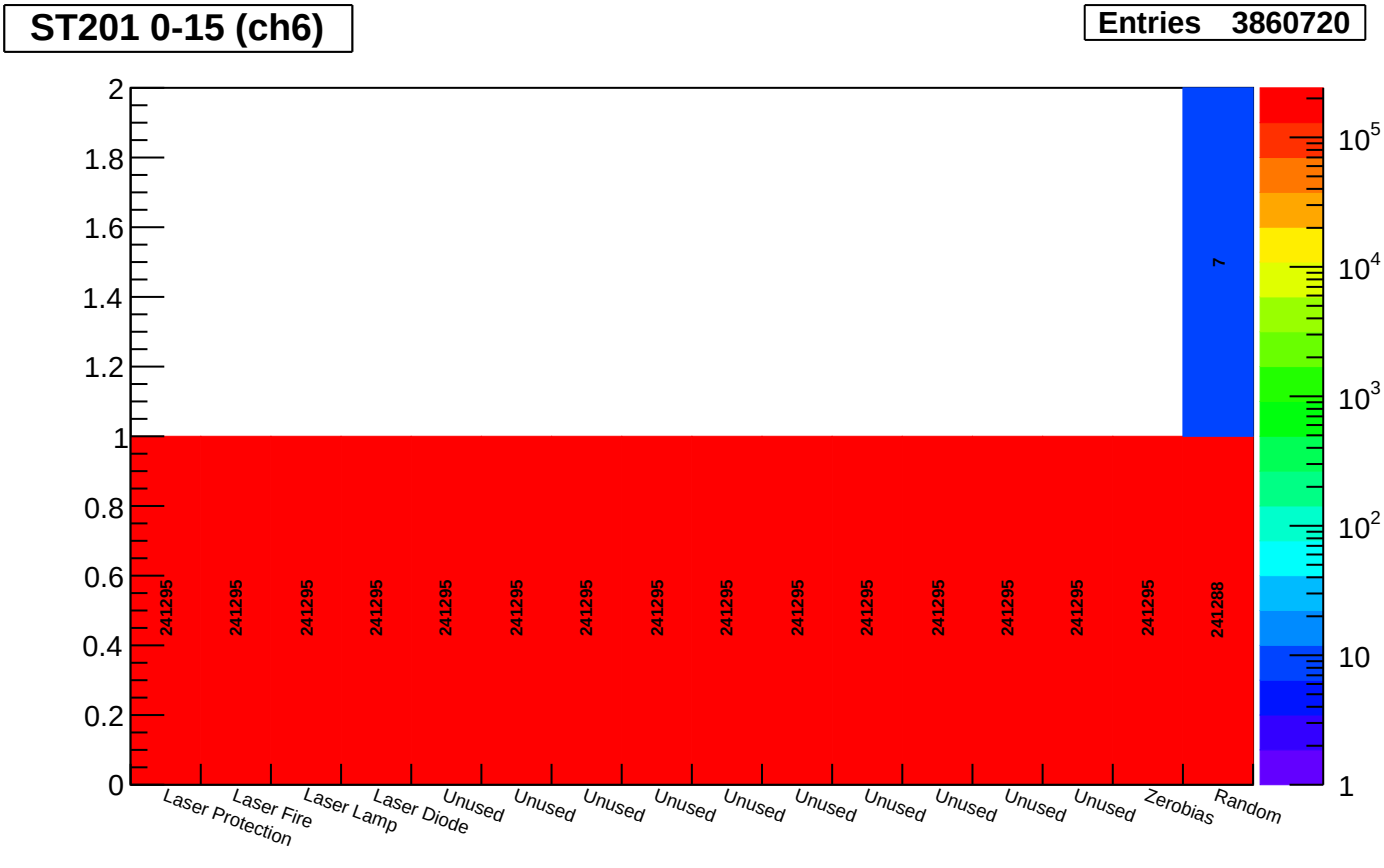

Entries 241295
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

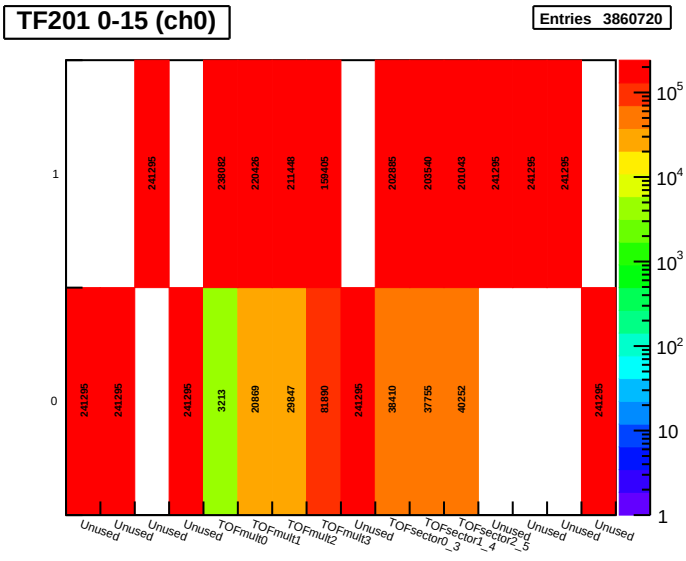

Entries 241295
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

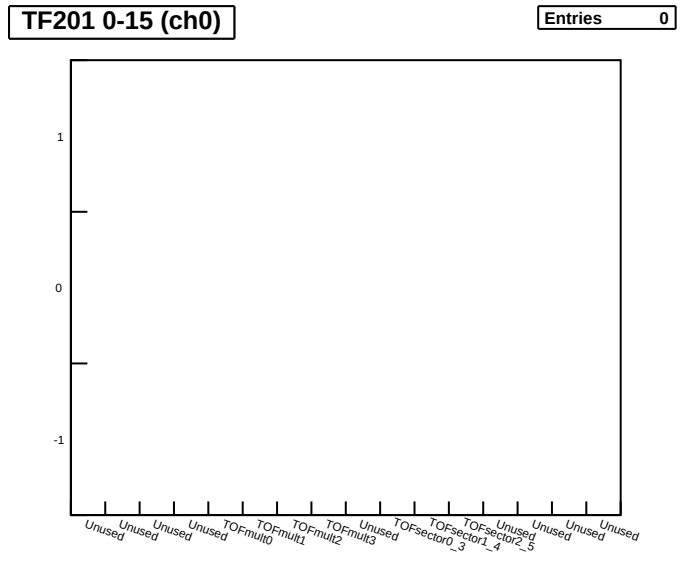

Entries 241295
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

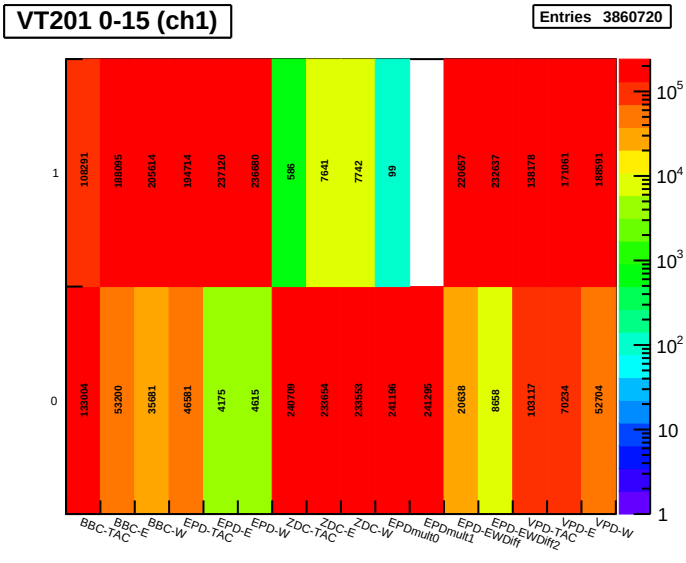

Entries 241295
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

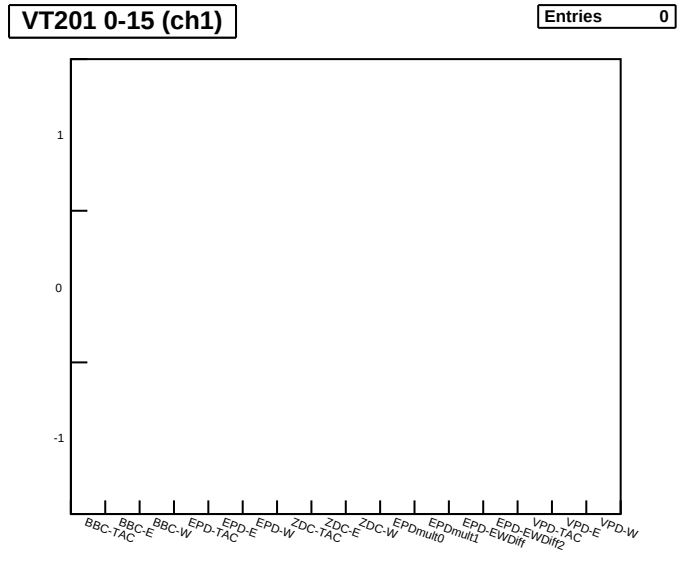

Laser Input Bits
Entries 241295
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

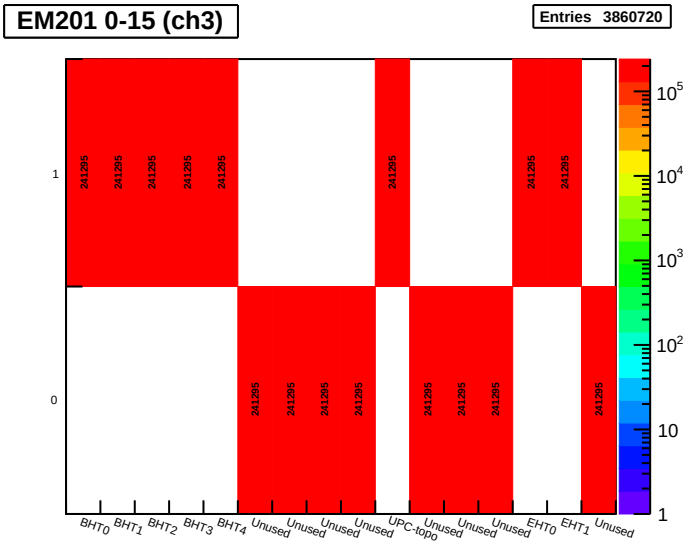

ST201 0-15 (ch6)
Entries 3860720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
7
241295
241288
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

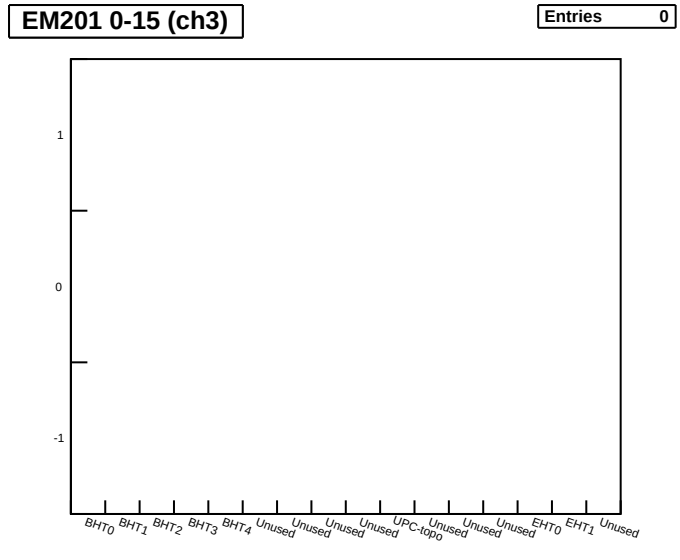

TF201 0-15 (ch0)
Entries 3860720
1
0
241295 230082 220426 211448 159405 202885 203540 201043 241295 241295 241295
241295 241295 241295 3213 20869 29847 81890 241295 38410 37755 40252 241295
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3860720
1
0
108291 188095 205614 194714 237120 236680 586 7641 7742 99 220657 232637 138178 171061 188591
133004 53200 35681 46581 4175 4615 240709 233654 233553 241196 241295 20638 8658 103117 70234 52704
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 3860720
1
0
241295 241295 241295 241295 241295 241295 241295 241295
241295 241295 241295 241295 241295 241295 241295 241295
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