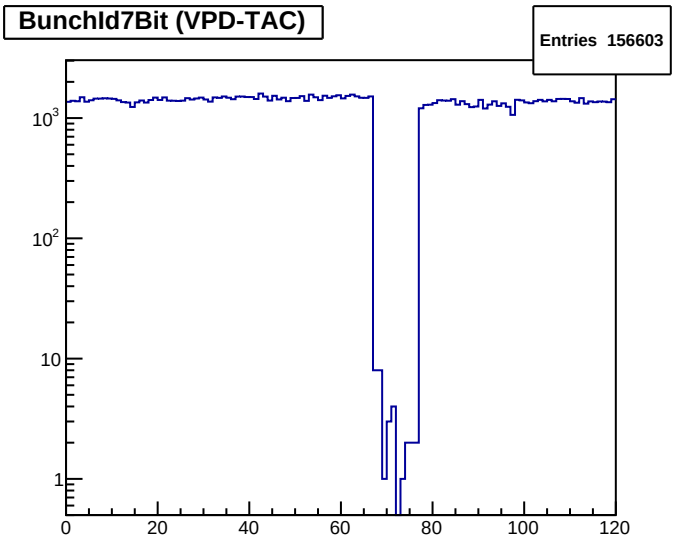
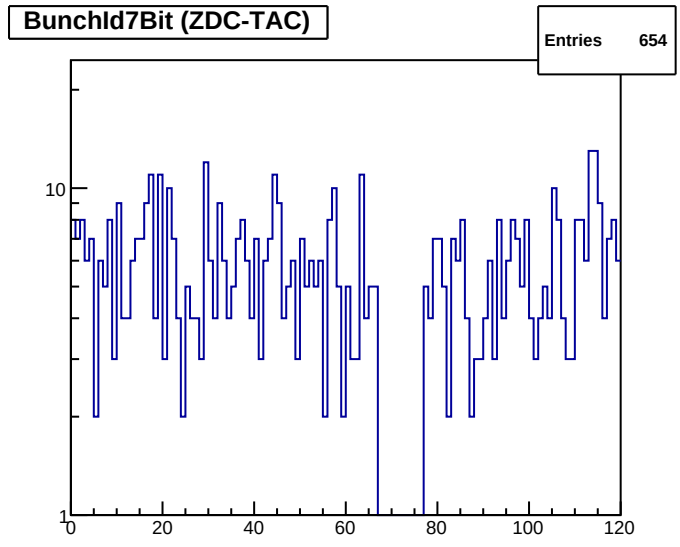
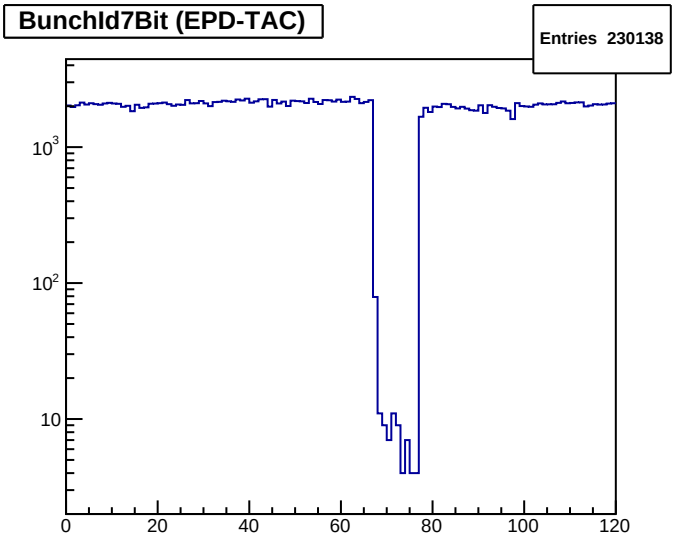
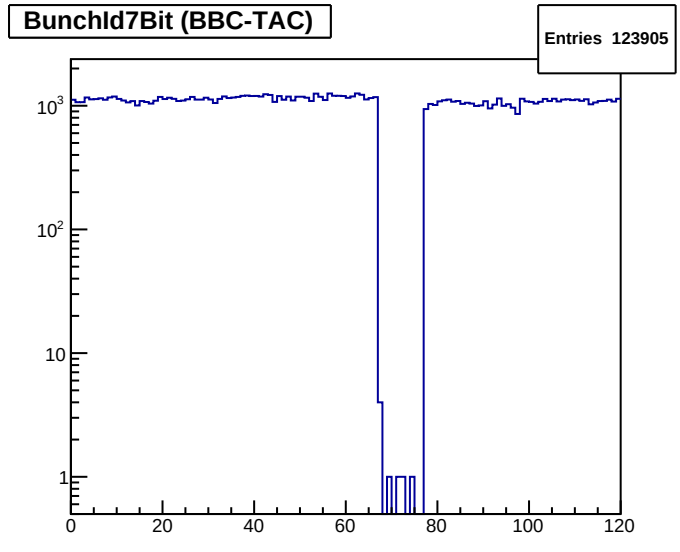
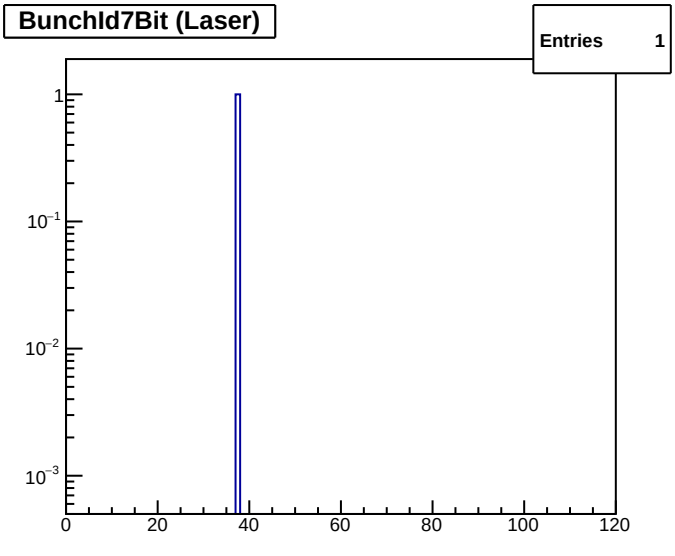
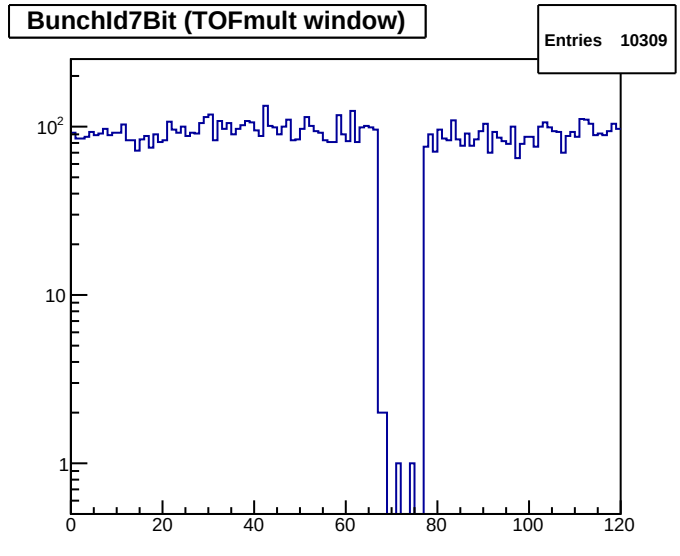

BunchId7Bit (VPD-TAC)
Entries 156603

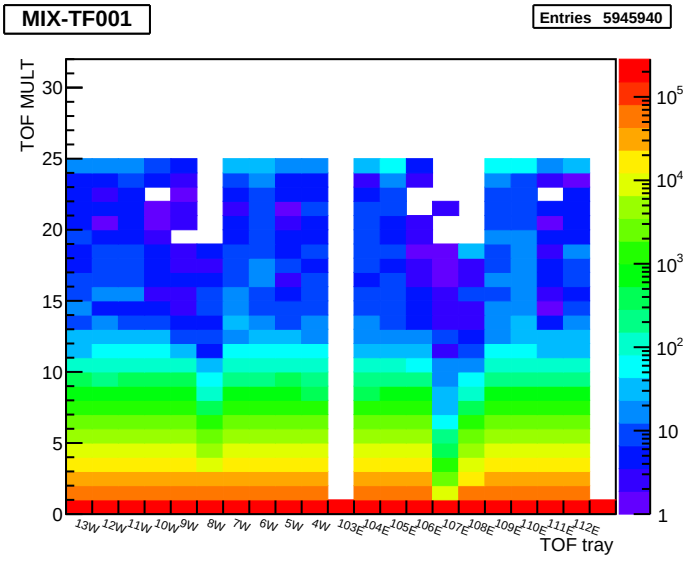

BunchId7Bit (ZDC-TAC)
Entries 654

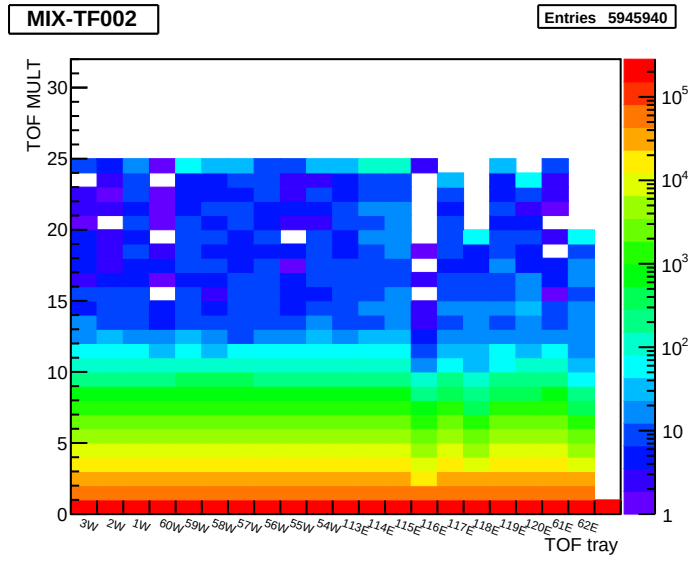

BunchId7Bit (EPD-TAC)
Entries 230138

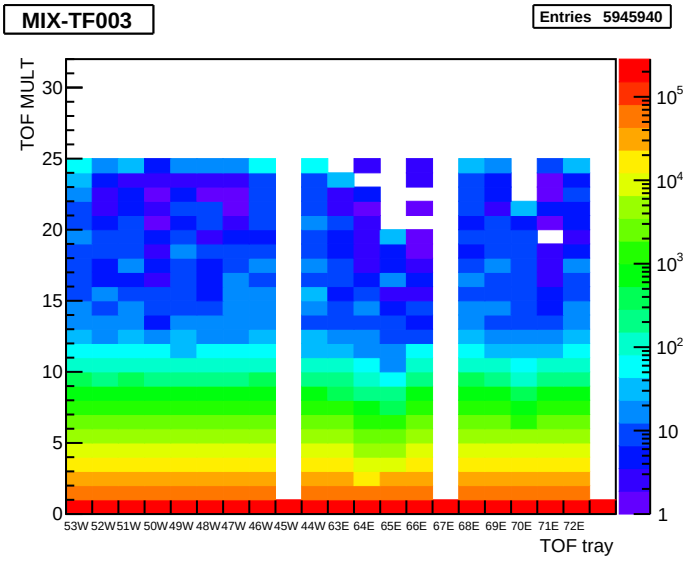

BunchId7Bit (BBC-TAC)
Entries 123905

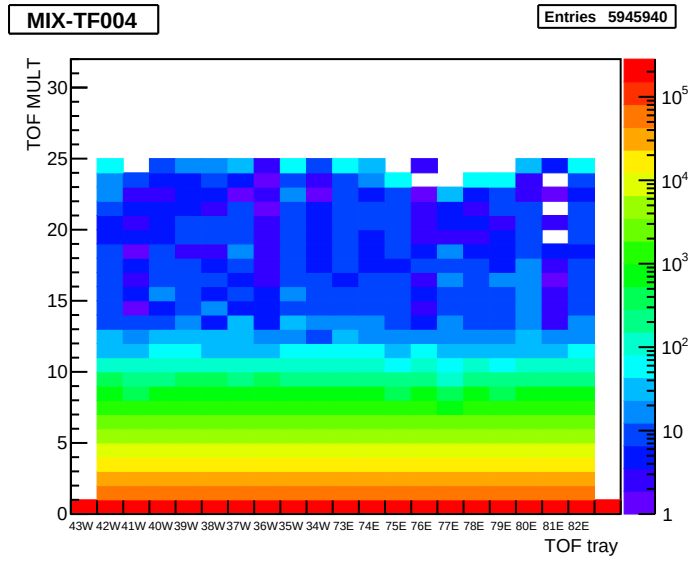

BunchId7Bit (Laser)
Entries 1

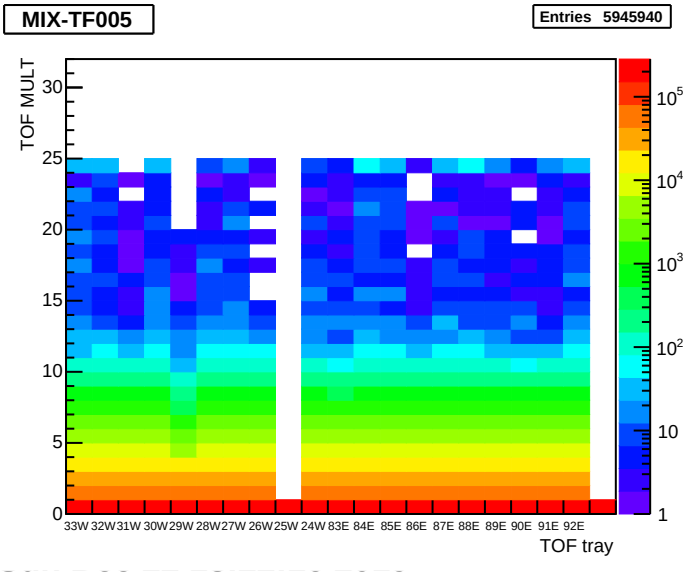

BunchId7Bit (TOFmult window)
Entries 10309

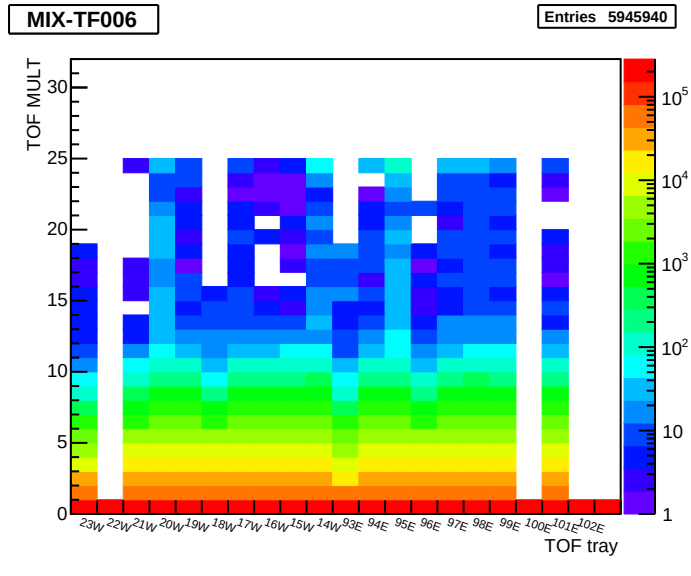

MIX-TF001
Entries 5945940
TOF MULT
TOF tray

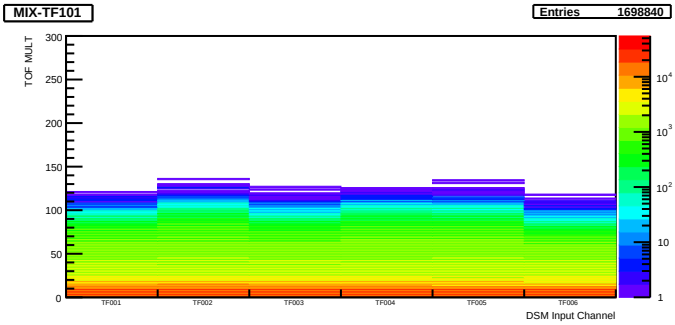

MIX-TF002
Entries 5945940
TOF MULT
TOF tray

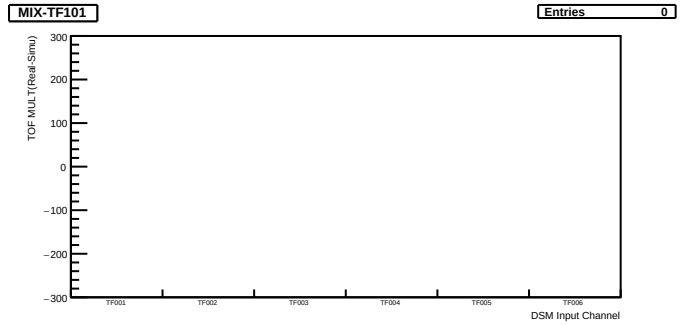

MIX-TF003
Entries 5945940
TOF MULT
TOF tray

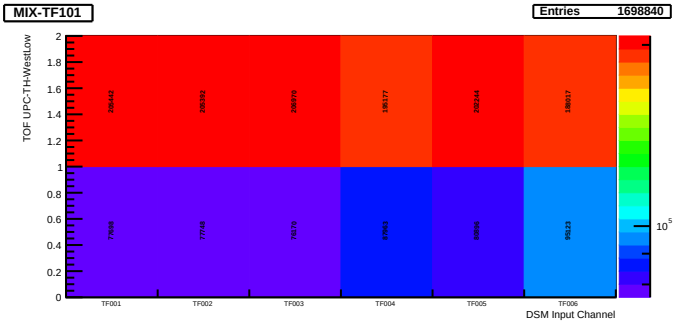

MIX-TF004
Entries 5945940
TOF MULT
TOF tray

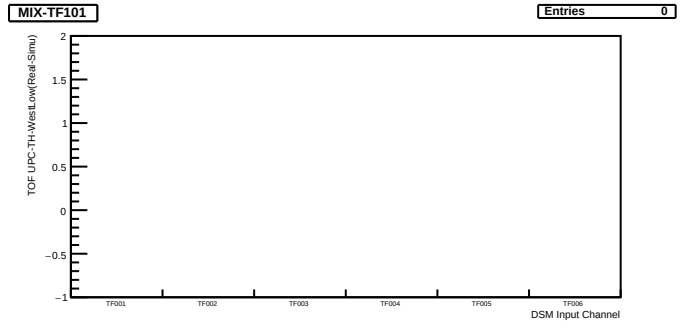

MIX-TF005
Entries 5945940
TOF MULT
TOF tray

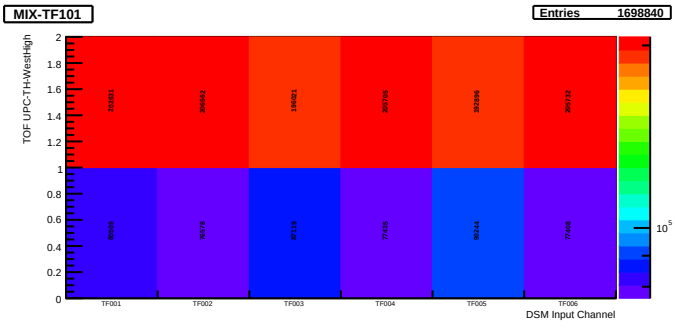

MIX-TF006
Entries 5945940
TOF MULT
TOF tray

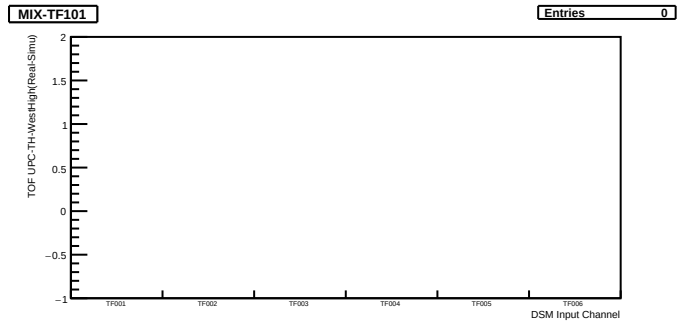

MIX-TF101
Entries 1698840
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

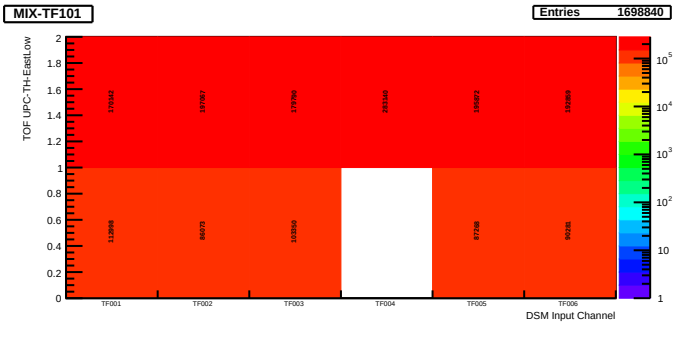

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

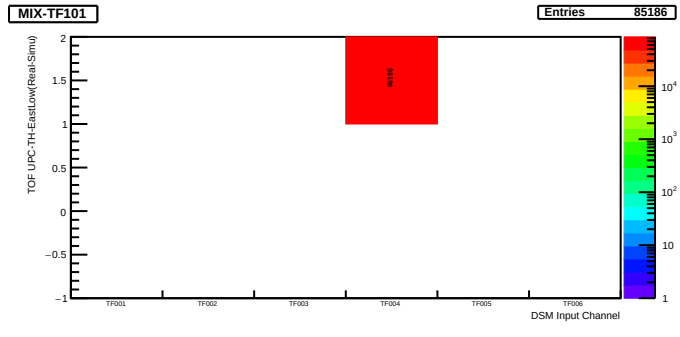

MIX-TF101
Entries 1698840
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

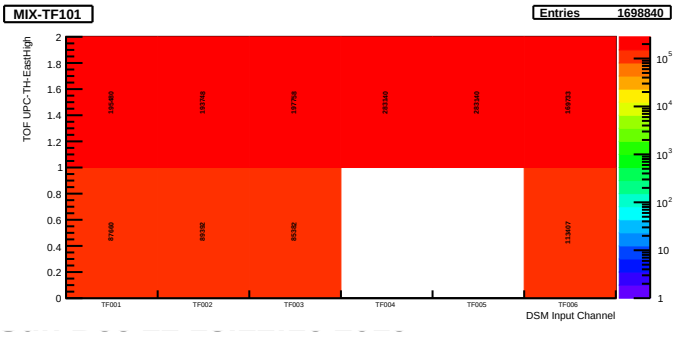

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

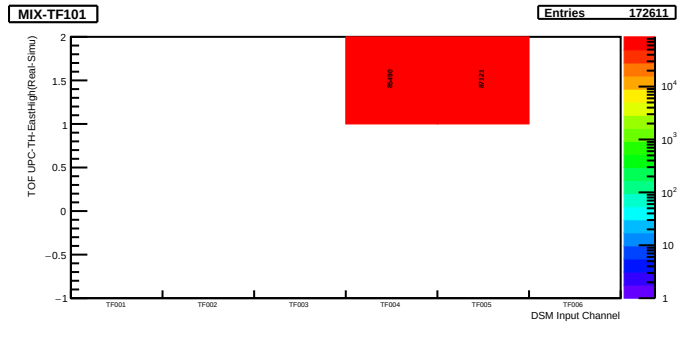

MIX-TF101
Entries 1698840
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

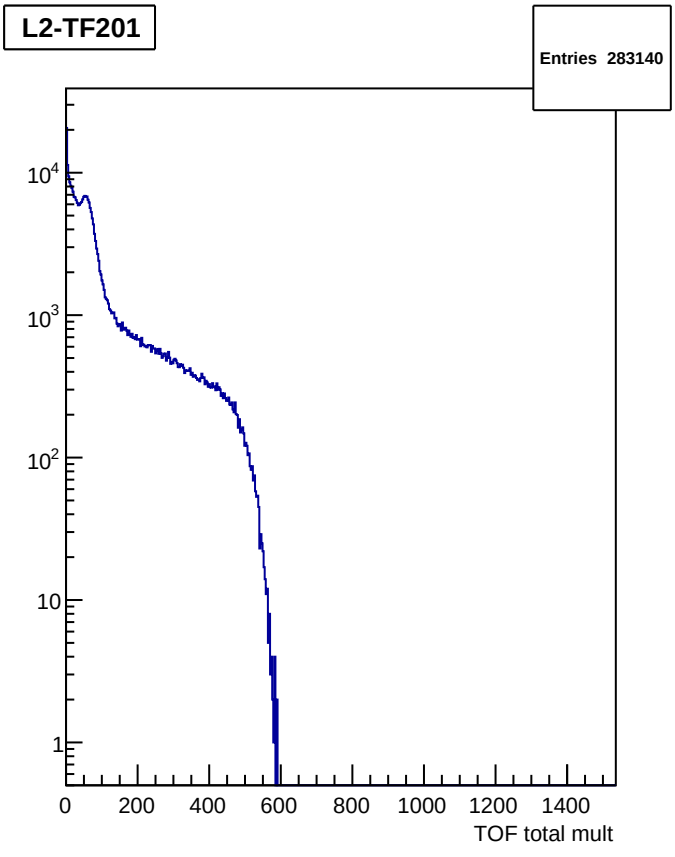

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

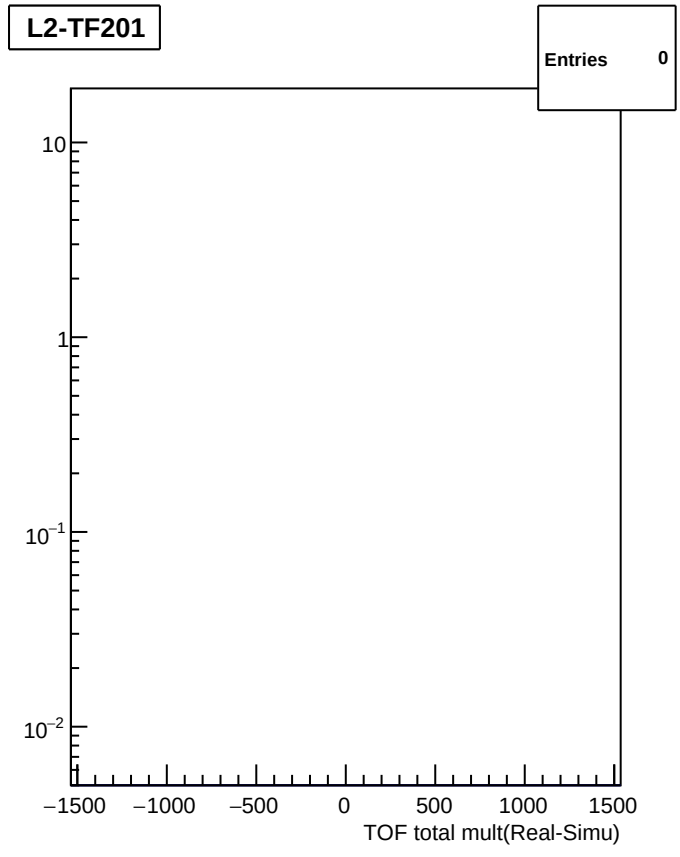

MIX-TF101
Entries 1698840
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

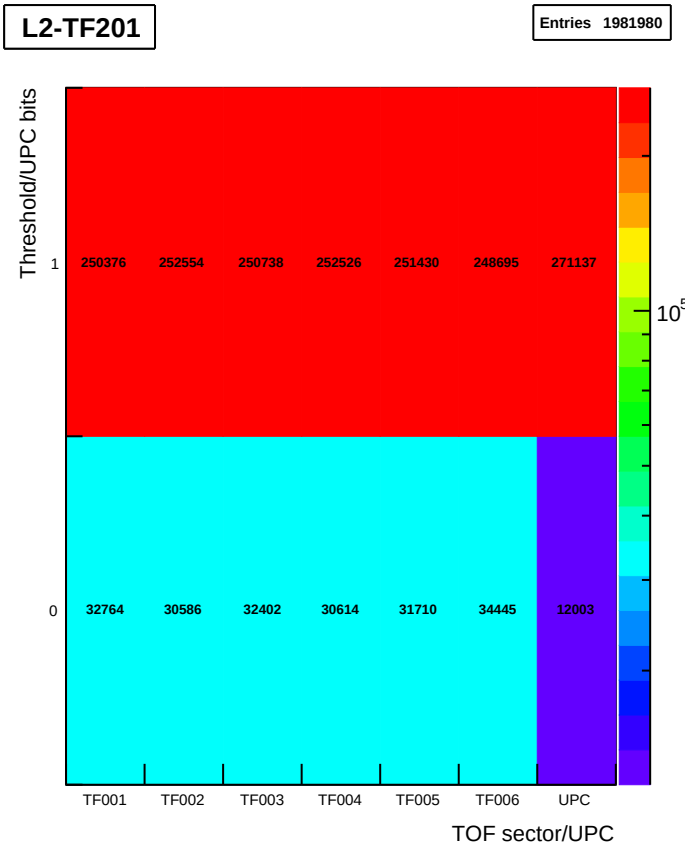

MIX-TF101
Entries 85186
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

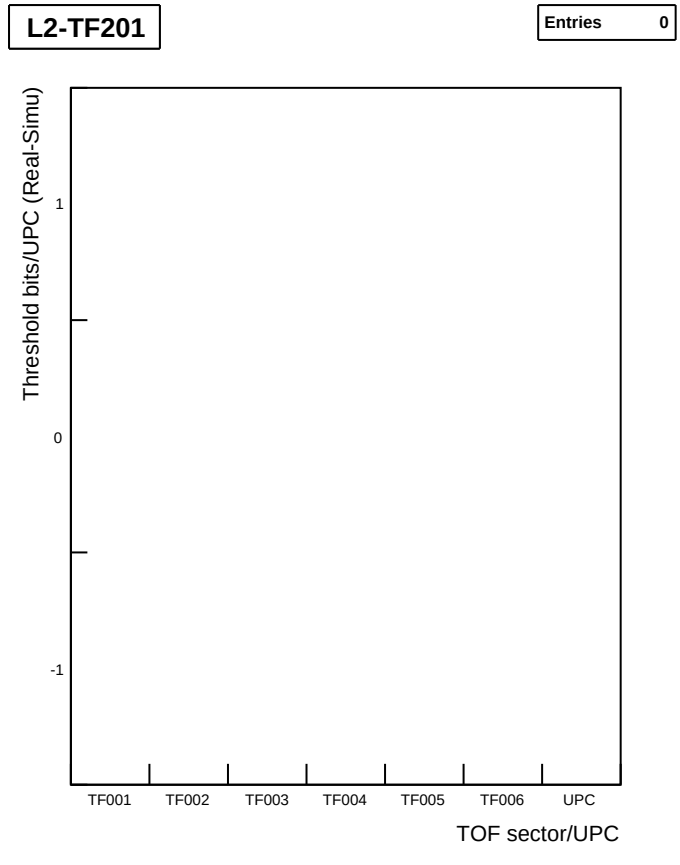

MIX-TF101
Entries 1698840
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

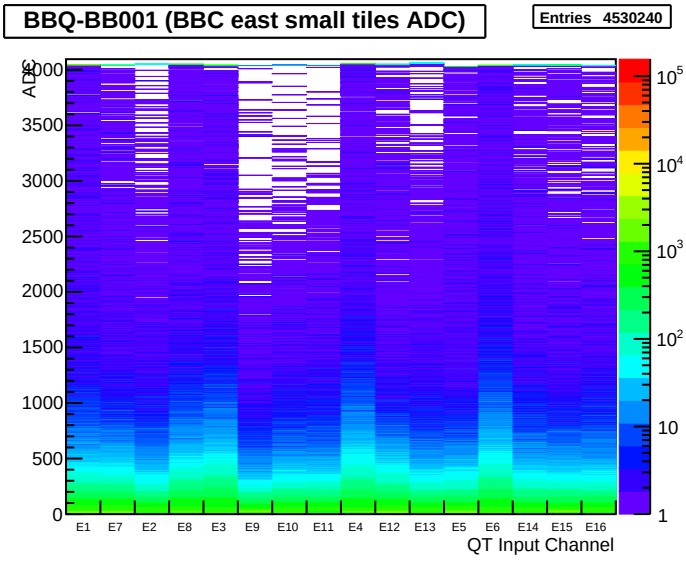

MIX-TF101
Entries 172611
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

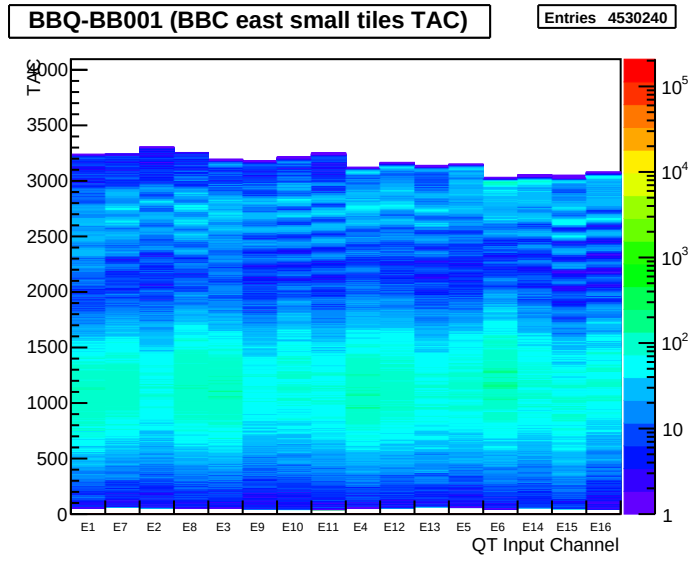

L2-TF201
Entries 283140
TOF total mult

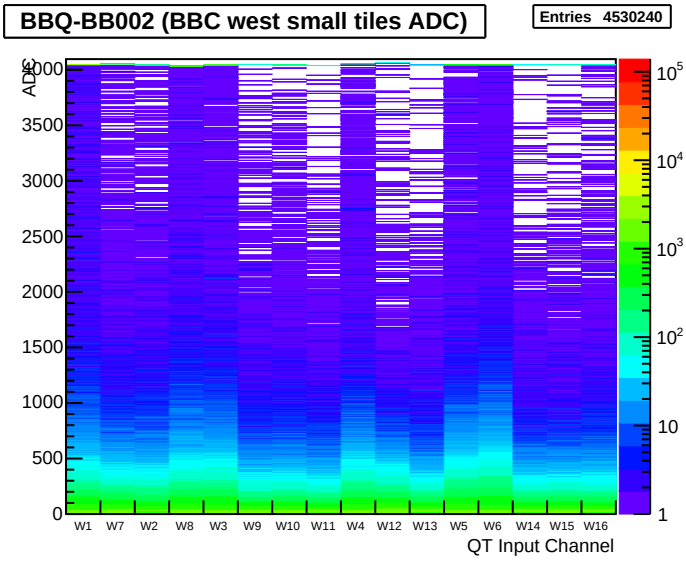

L2-TF201
Entries 0
TOF total mult(Real-Simu)

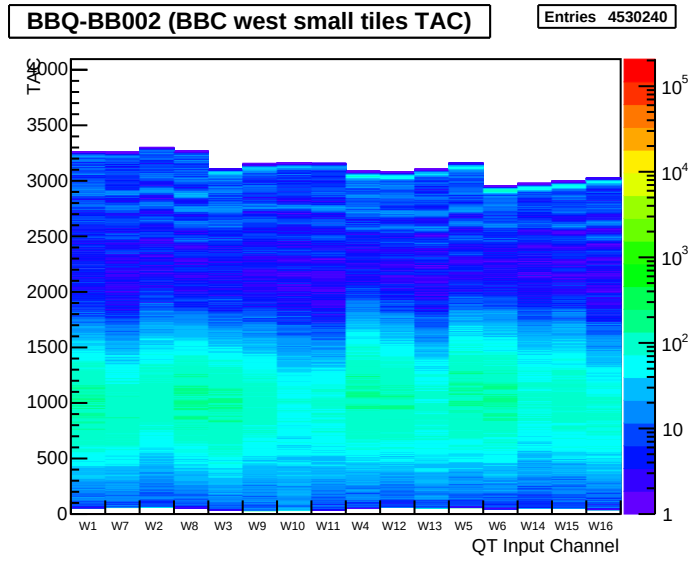

L2-TF201
Entries 1981980
Threshold/UPC bits
250376
252554
250738
252526
251430
248695
271137
32764
30586
32402
30614
31710
34445
12003
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

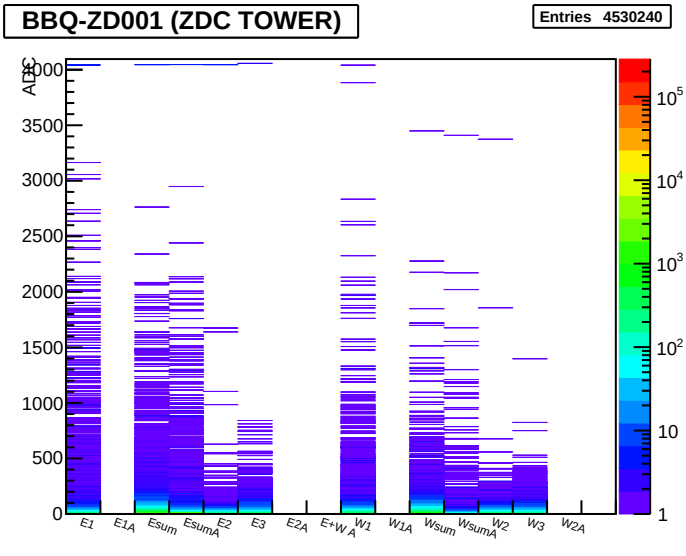

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

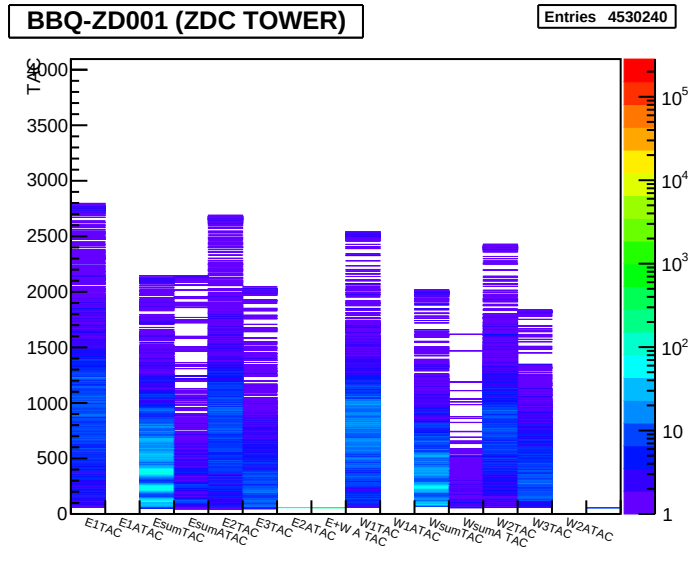

BBQ-BB001 (BBC east small tiles ADC)
Entries 4530240
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

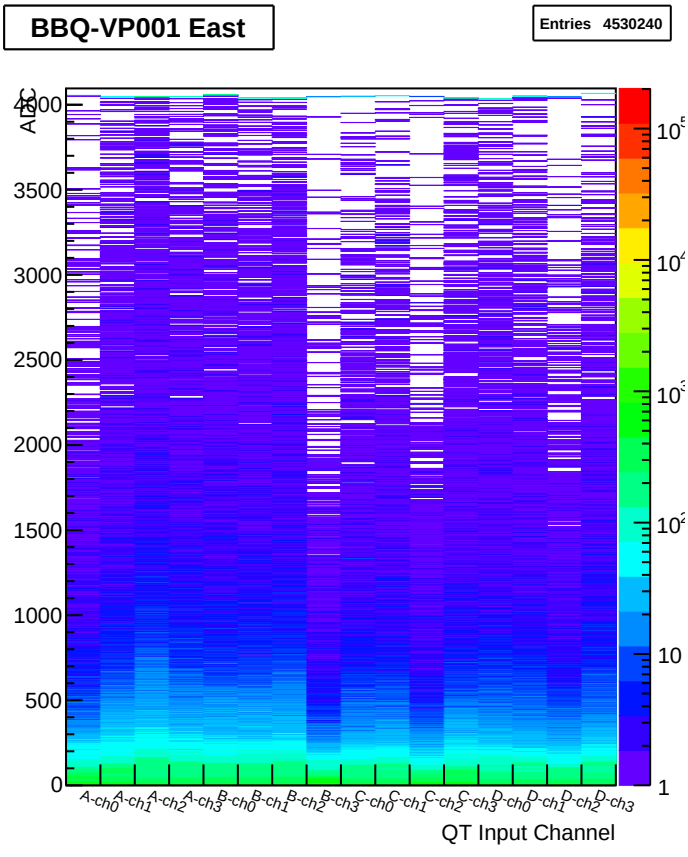

BBQ-BB001 (BBC east small tiles TAC)
Entries 4530240
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

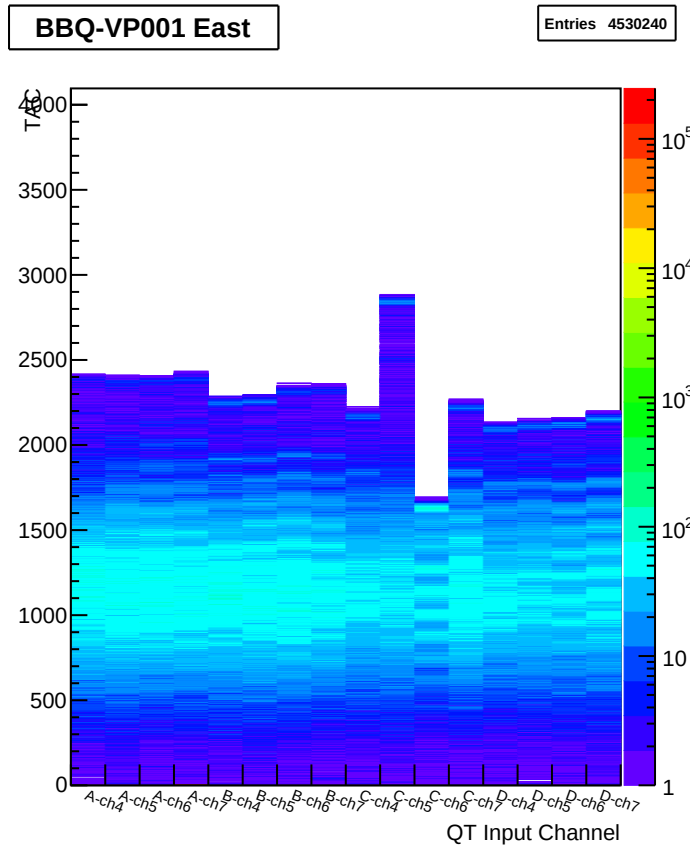

BBQ-BB002 (BBC west small tiles ADC)
Entries 4530240
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

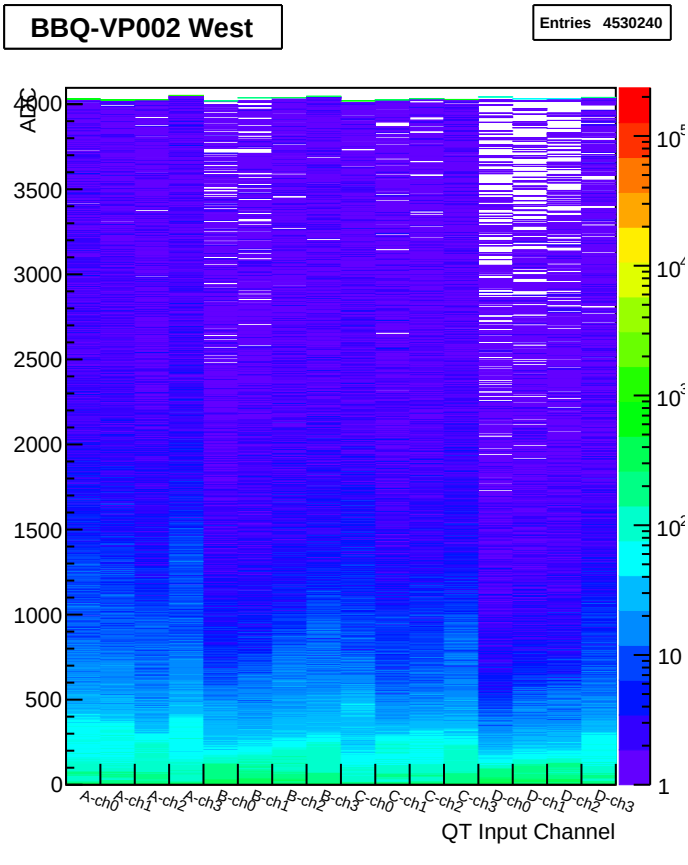

BBQ-BB002 (BBC west small tiles TAC)
Entries 4530240
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

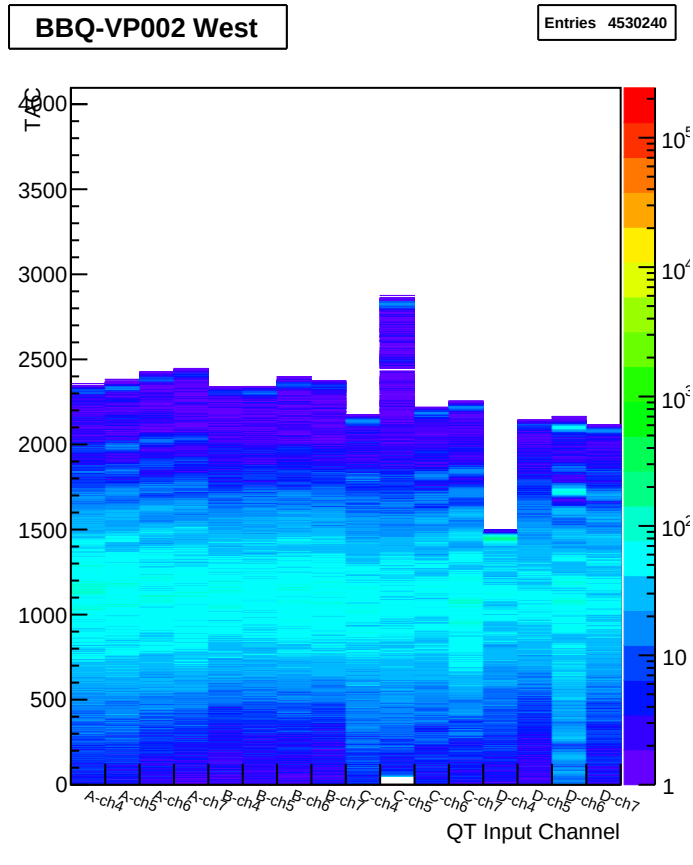

BBQ-ZD001 (ZDC TOWER)
Entries 4530240
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

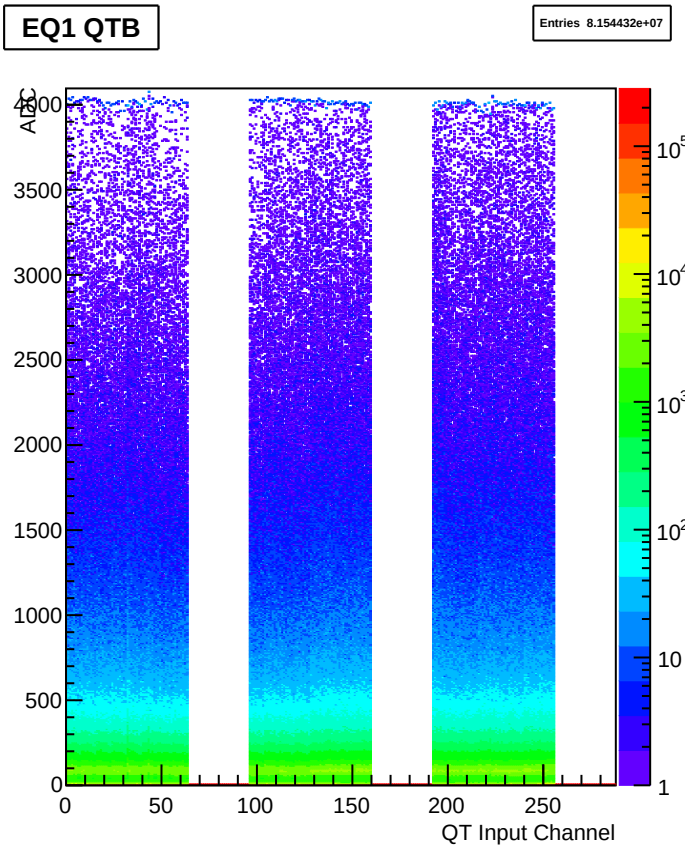

BBQ-ZD001 (ZDC TOWER)
Entries 4530240
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

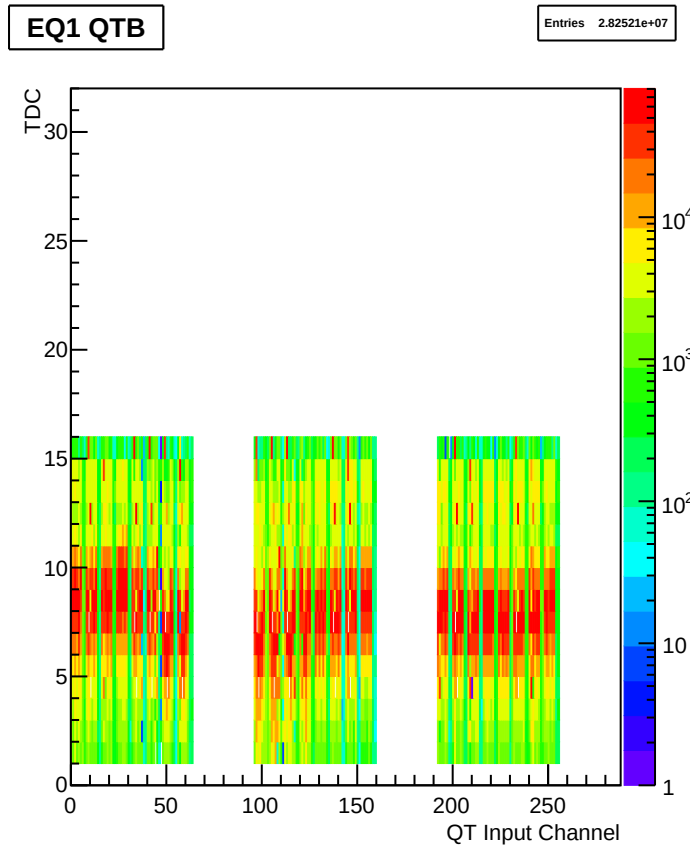

BBQ-VP001 East
Entries 4530240
ADC
QT Input Channel

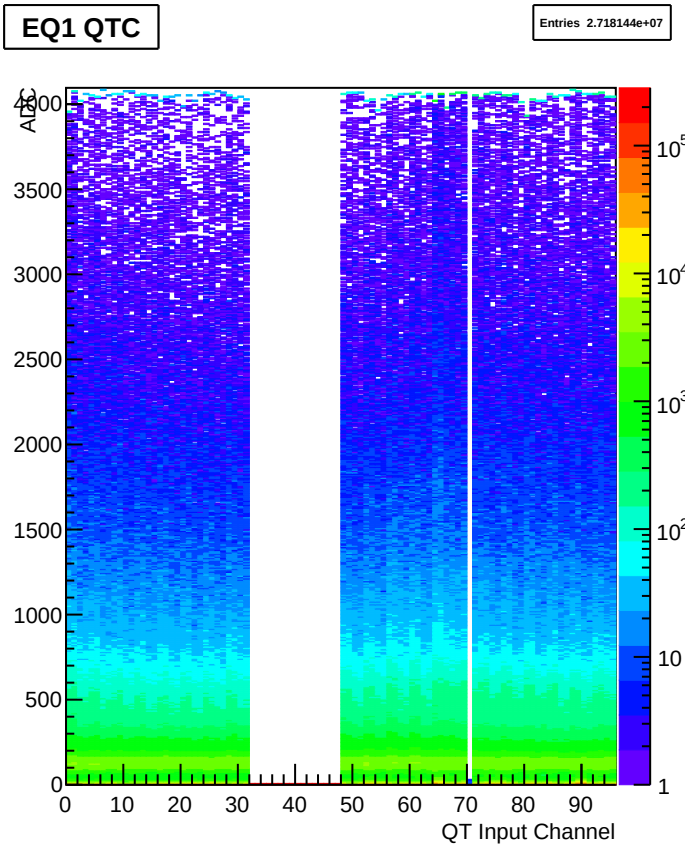

BBQ-VP001 East
Entries 4530240
TADC
QT Input Channel

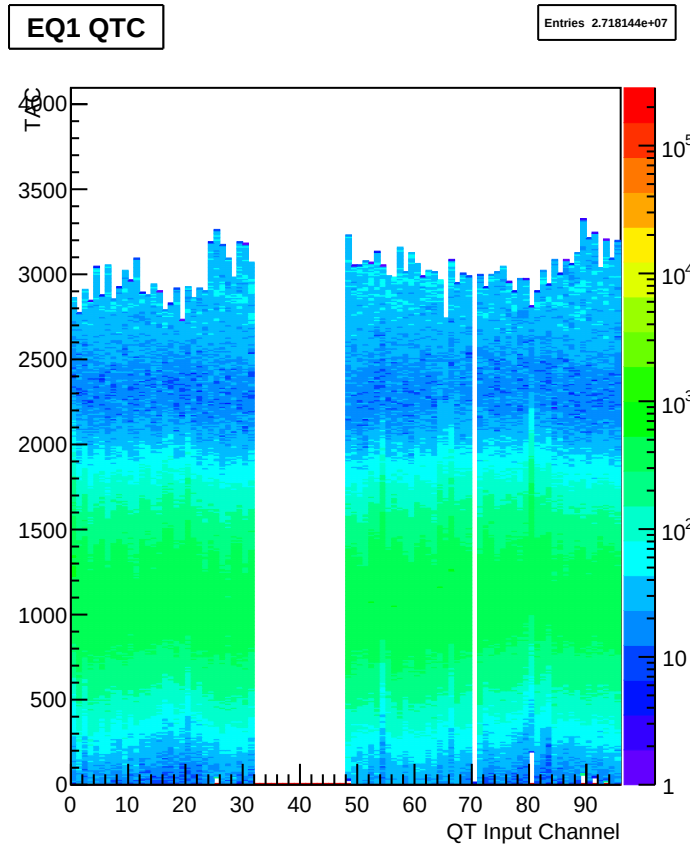

BBQ-VP002 West
Entries 4530240
ADC
QT Input Channel

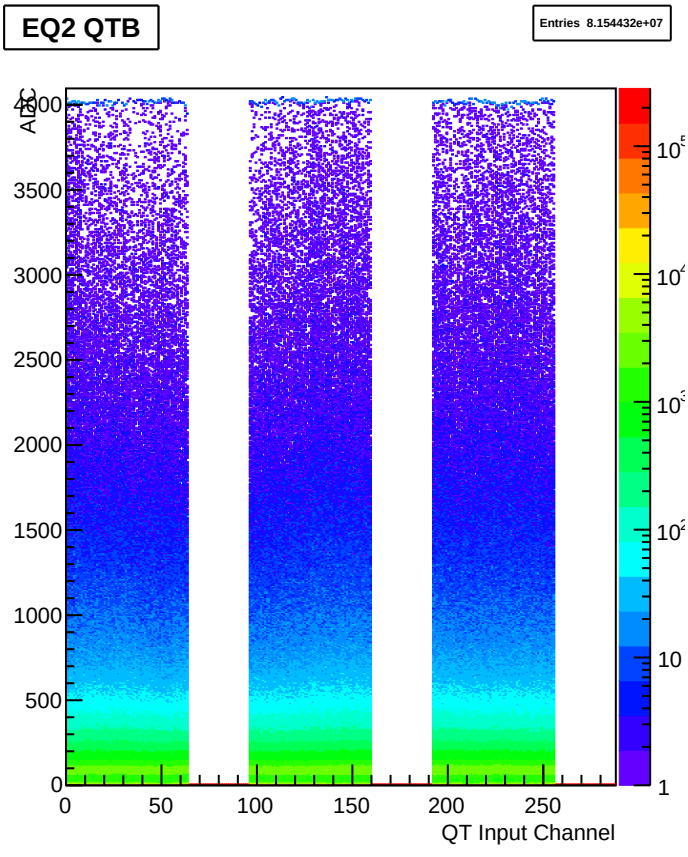

BBQ-VP002 West
Entries 4530240
TADC
QT Input Channel

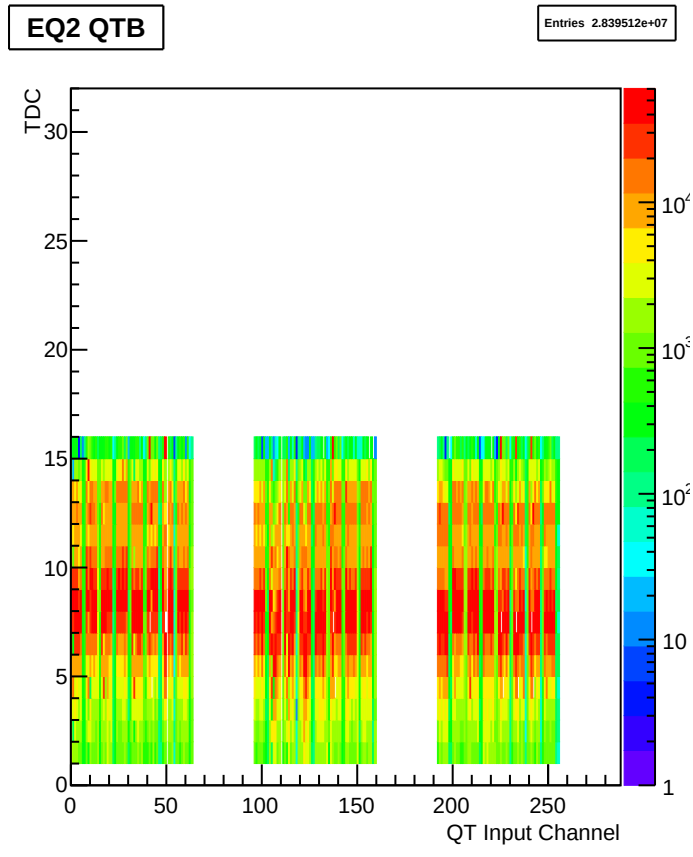

EQ1 QTB
Entries 8.154432e+07
ADC
QT Input Channel

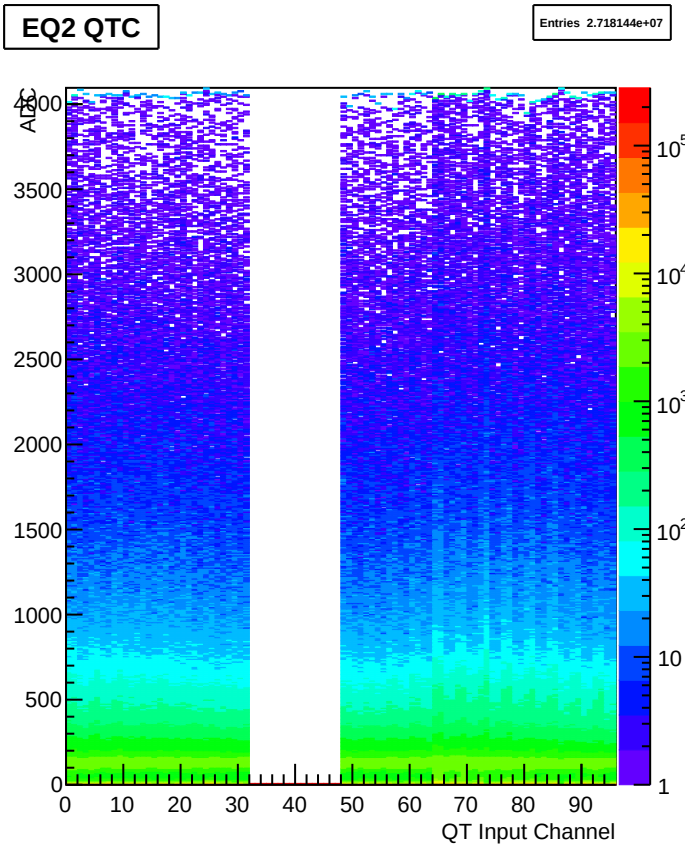

EQ1 QTB
Entries 2.82521e+07
TDC
QT Input Channel

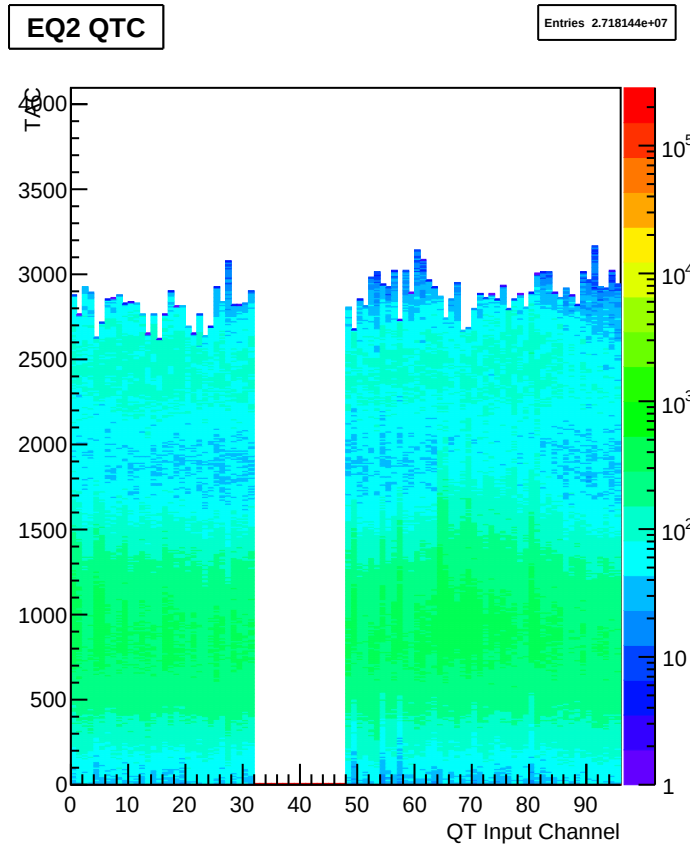

EQ1 QTC
Entries 2.718144e+07
ADC
QT Input Channel

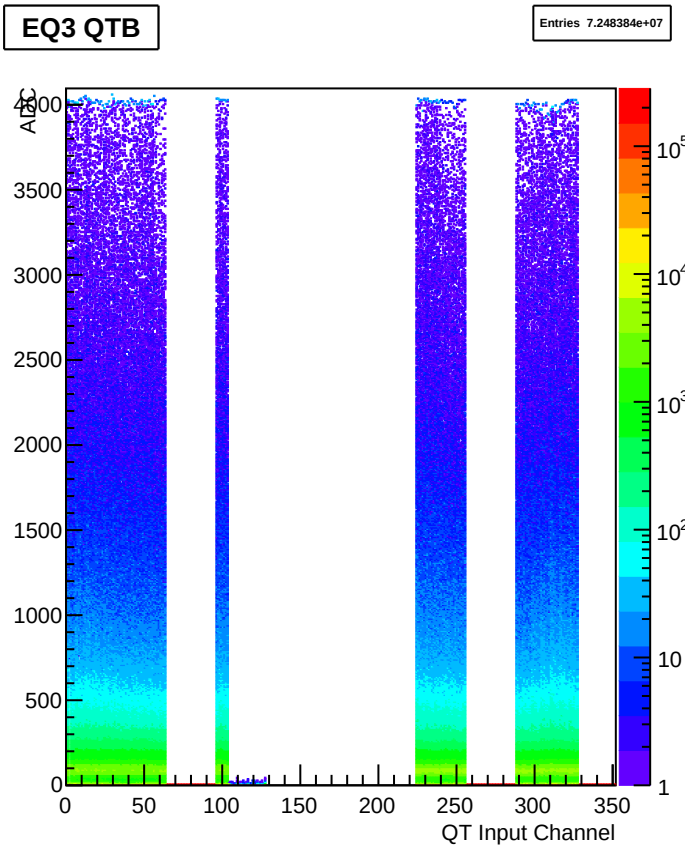

EQ1 QTC
Entries 2.718144e+07
TADC
QT Input Channel

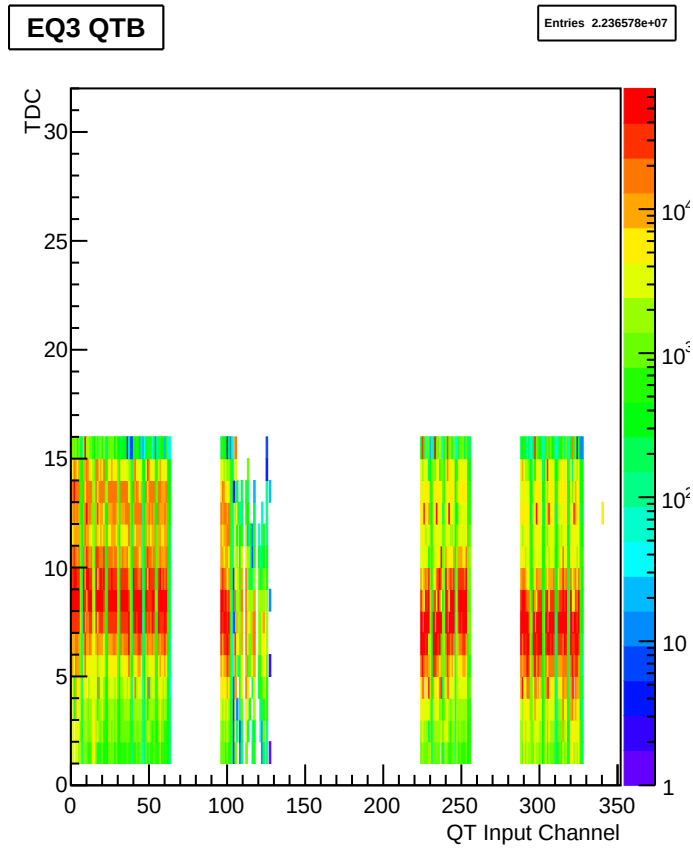

EQ2 QTB
Entries 8.154432e+07
ADC
QT Input Channel

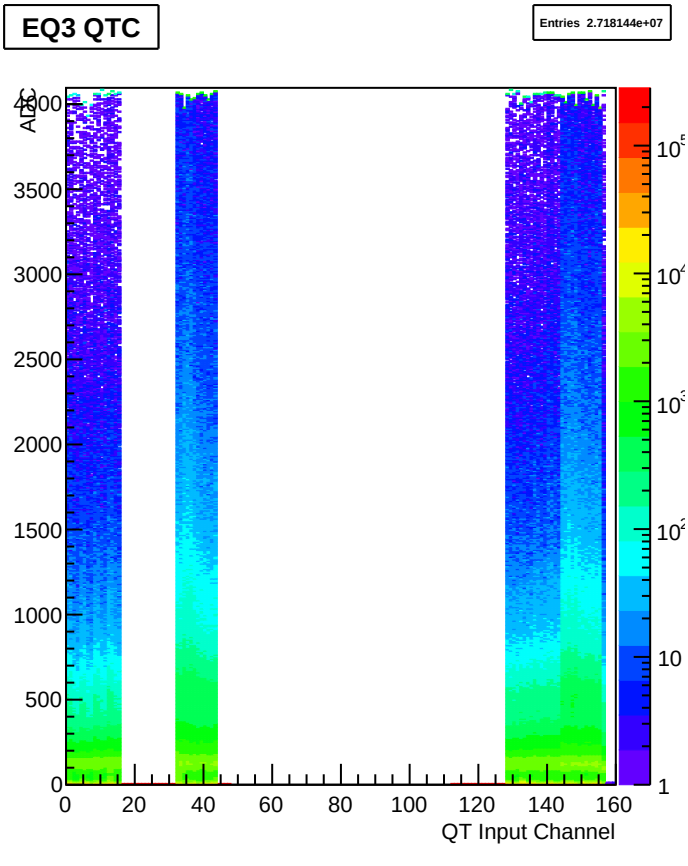

EQ2 QTB
Entries 2.839512e+07
TDC
QT Input Channel

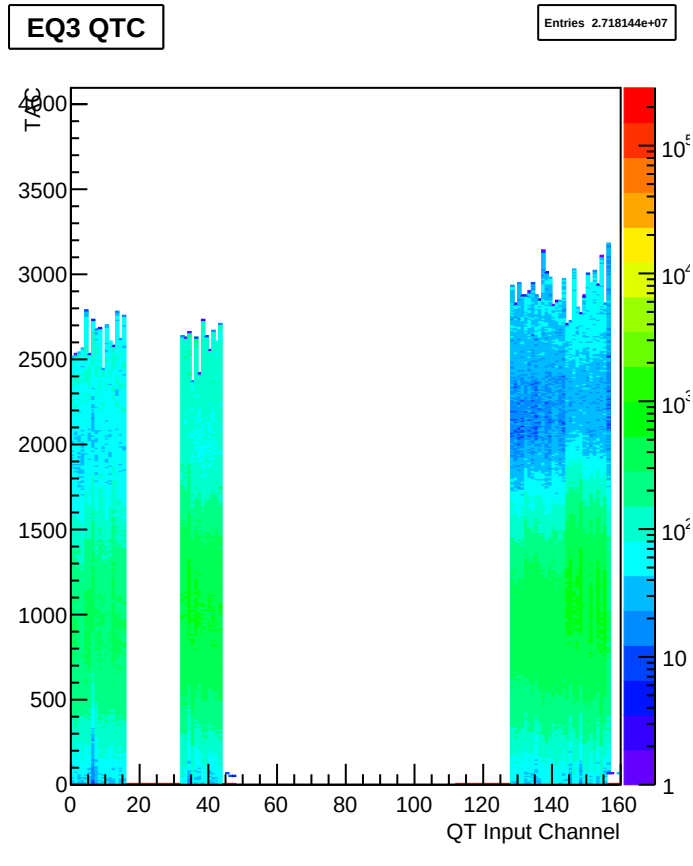

EQ2 QTC
Entries 2.718144e+07
ADC
QT Input Channel

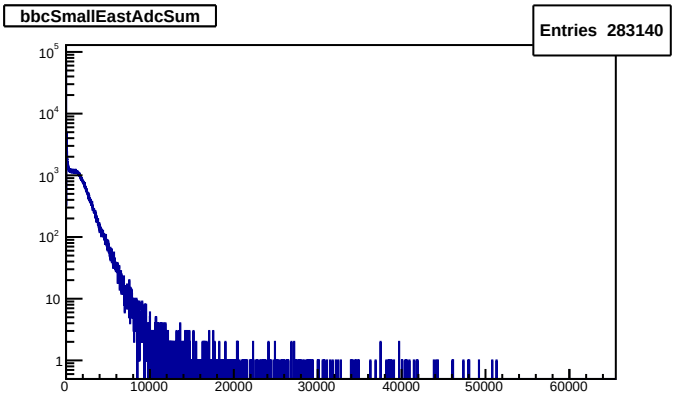

EQ2 QTC
Entries 2.718144e+07
TADC
QT Input Channel

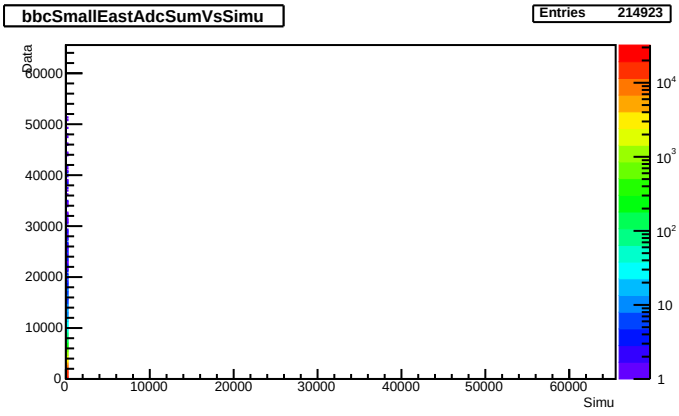

EQ3 QTB
Entries 7.248384e+07
ADC
QT Input Channel

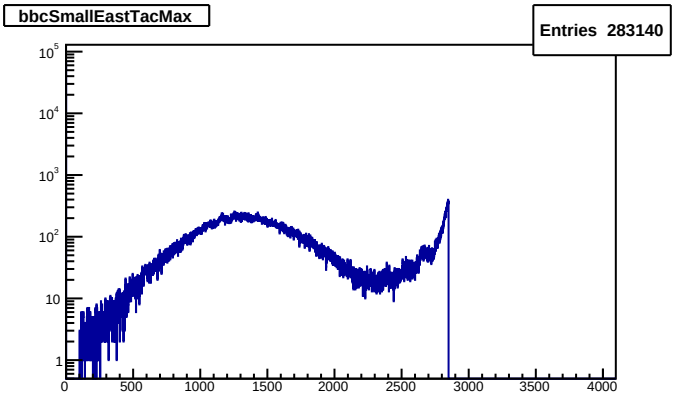

EQ3 QTB
Entries 2.236578e+07
TDC
QT Input Channel

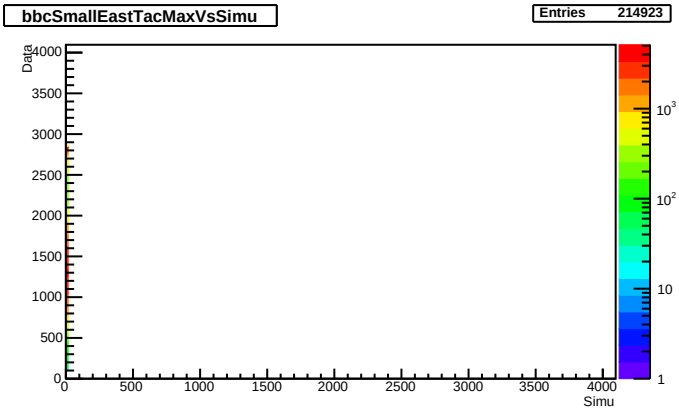

EQ3 QTC
Entries 2.718144e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.718144e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 283140


bbcSmallEastAdcSumVsSimu
Entries 214923
Data
Simu


bbcSmallEastTacMax
Entries 283140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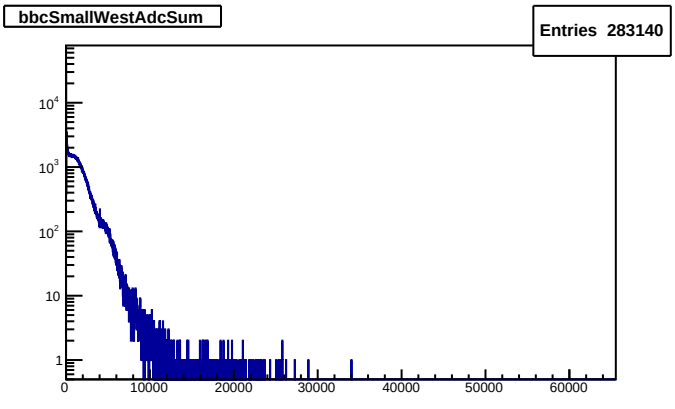
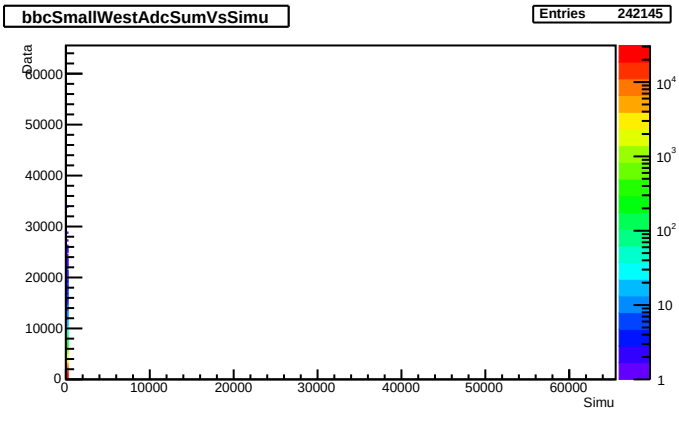
Entries 214923
Data
Simu


bbcSmallWestAdcSum
Entries 283140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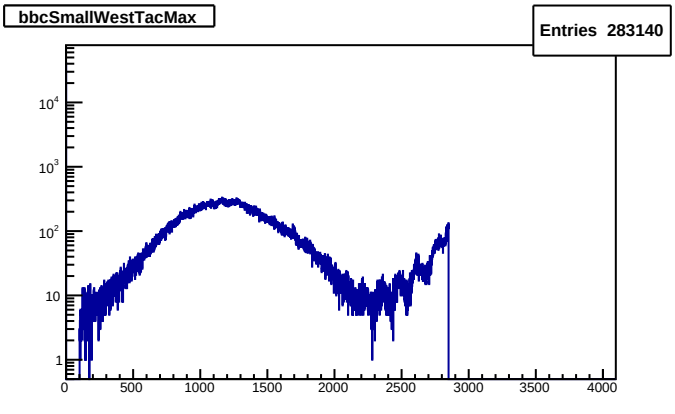
Entries 242145
Data
Simu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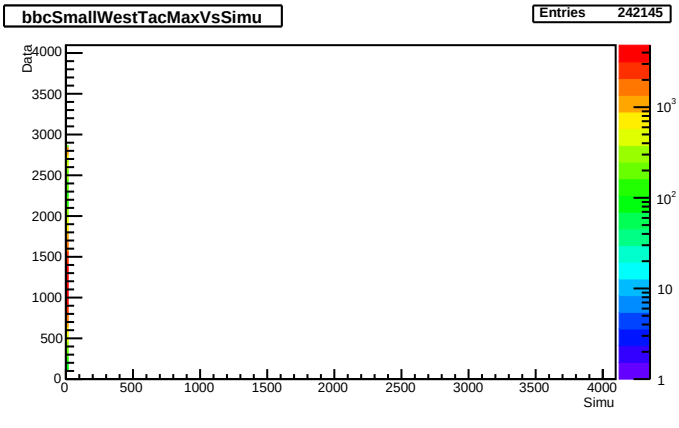
Entries 283140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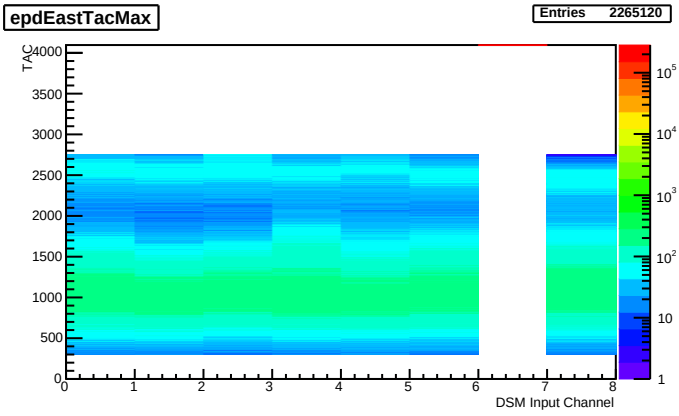
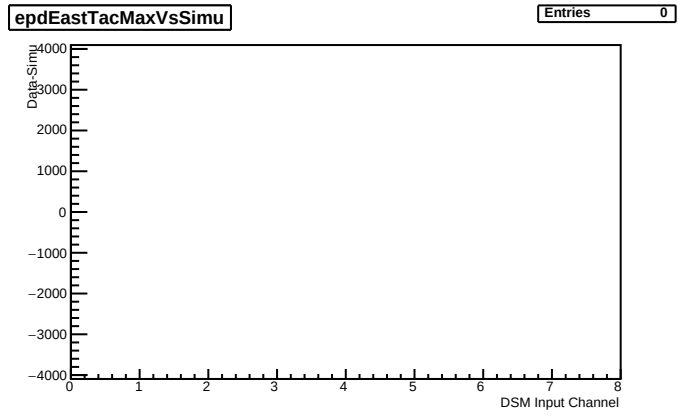
Entries 242145
Data
Simu


epdEastTacMax
Entries 2265120
TAC
DSM Input Channel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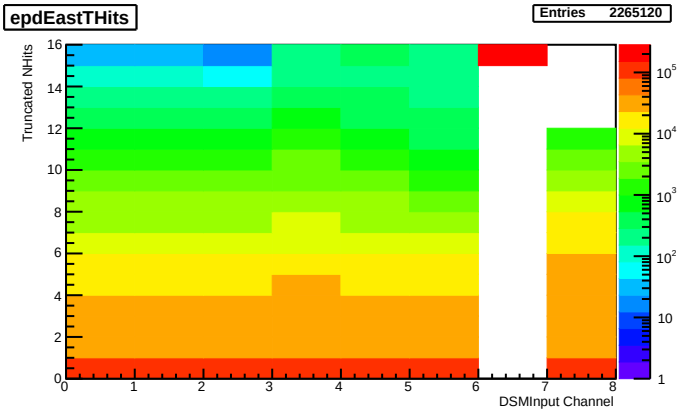
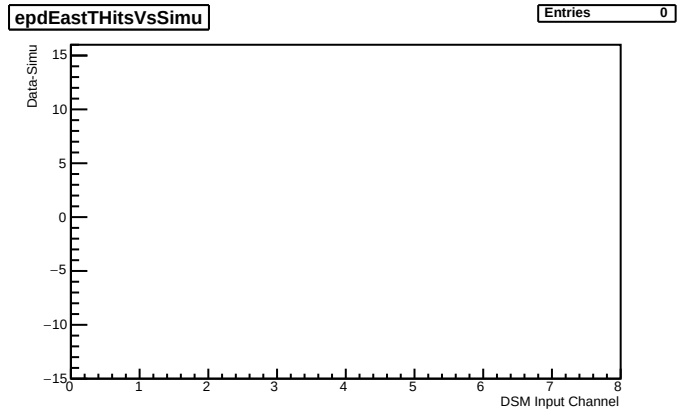
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2265120
Truncated NHits
DSMInput Channel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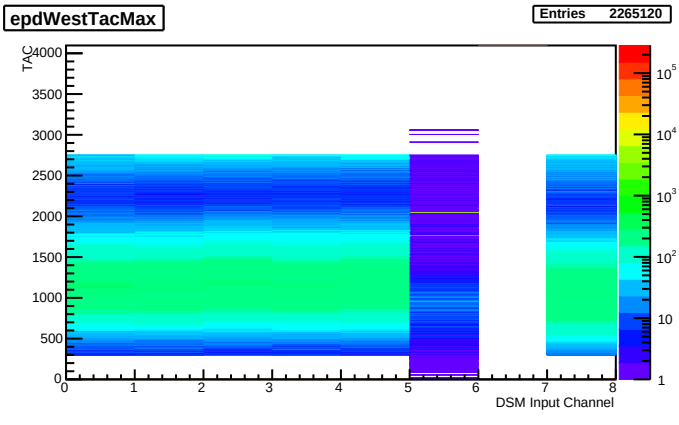
Entries 0
Data-Simu
DSM Input Channel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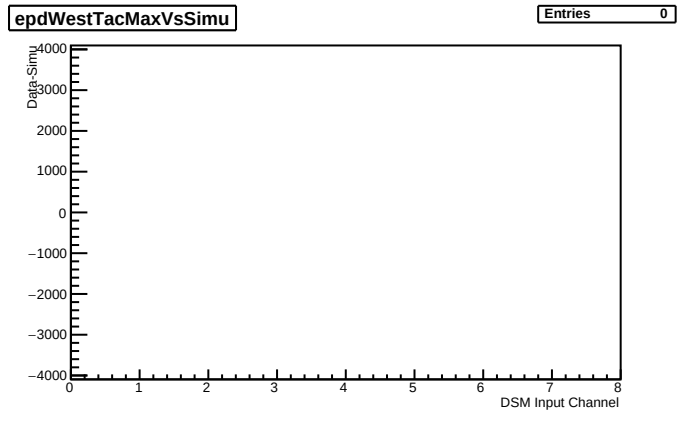
Entries 2265120
TAC
DSM Input Channel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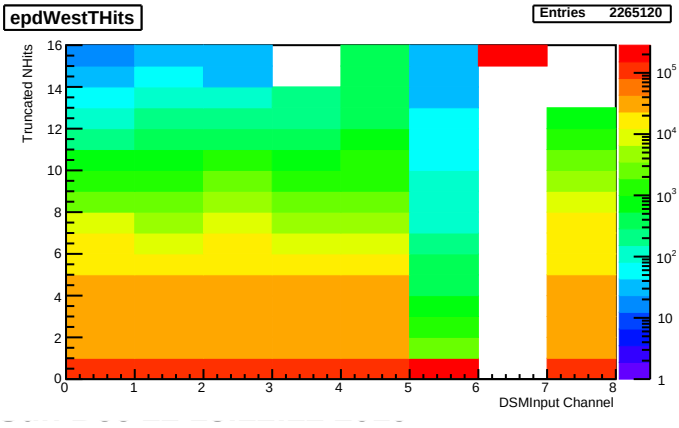
Data-Simu
DSM Input Channel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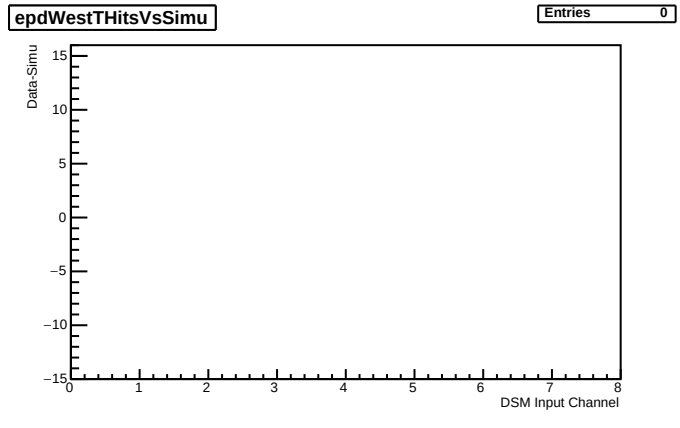
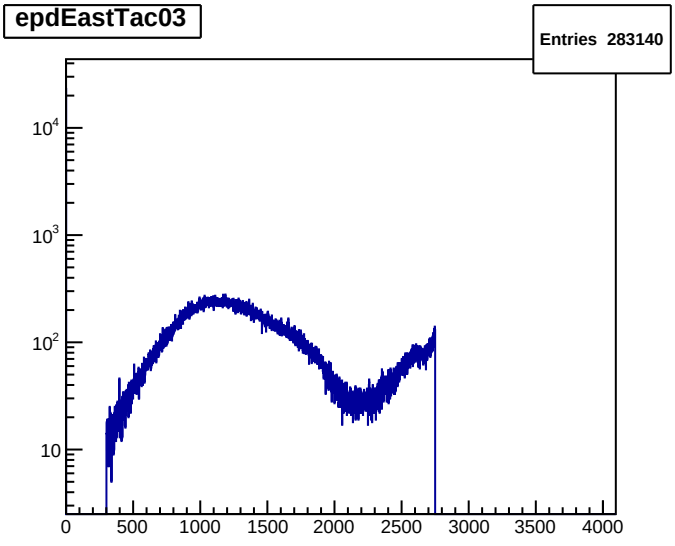
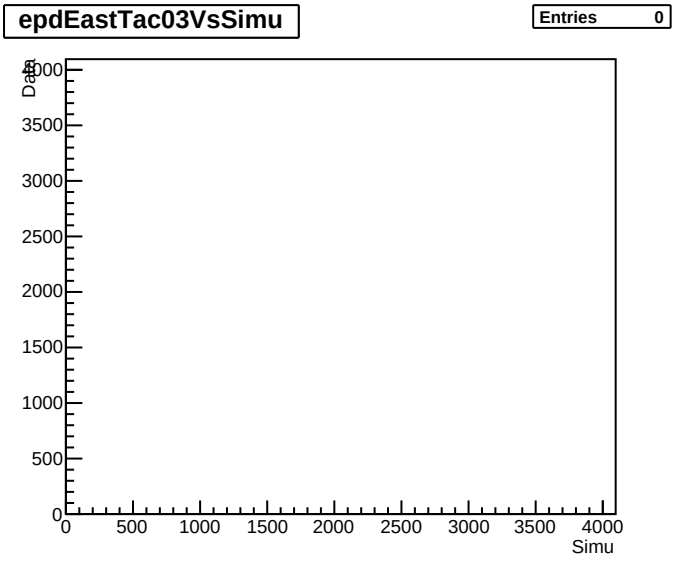
Entries 2265120
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 283140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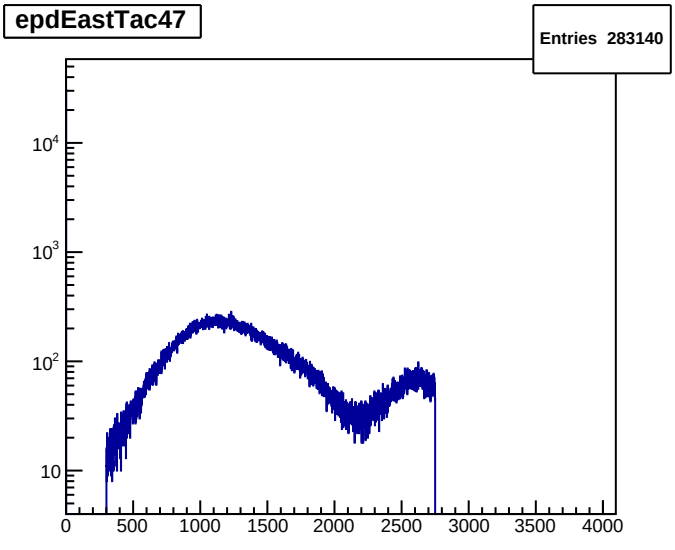
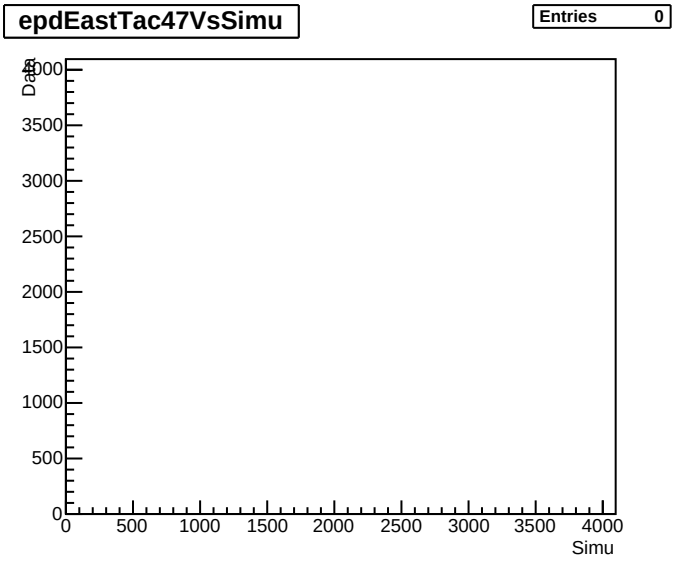
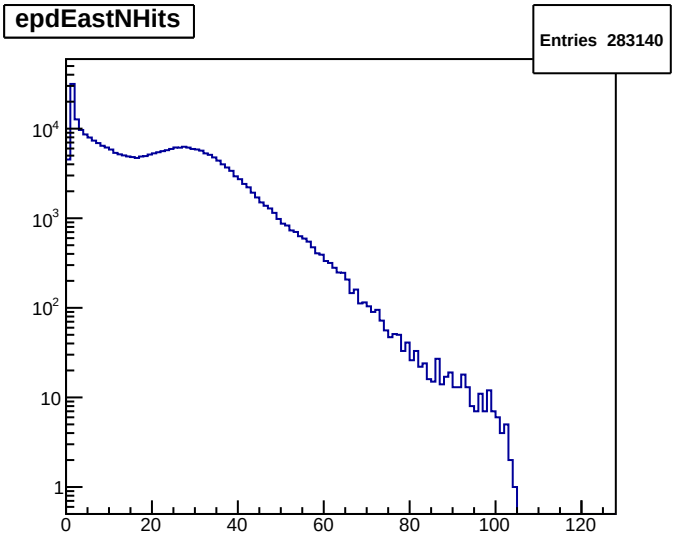
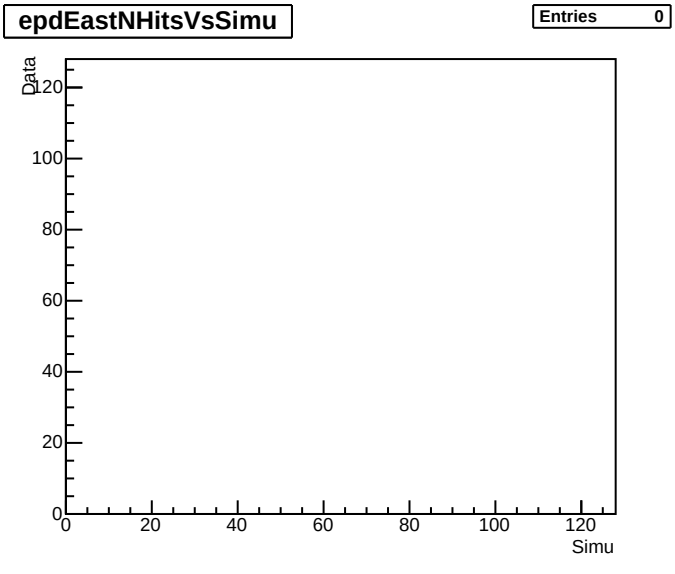
Entries 0
Data
Simu


epdEastTac47
Entries 283140


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 283140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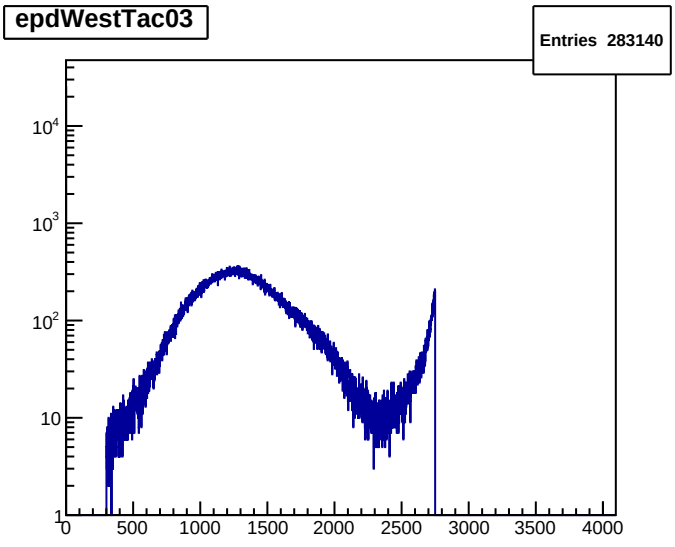
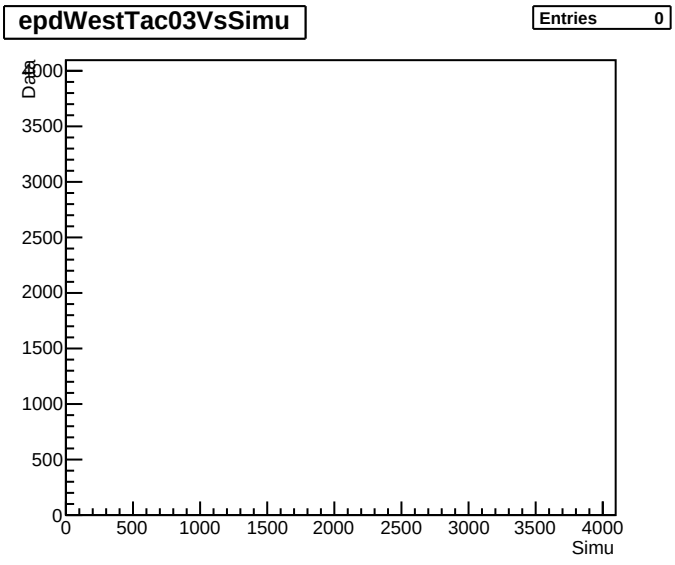
Entries 0
Data
Simu


epdWestTac03
Entries 283140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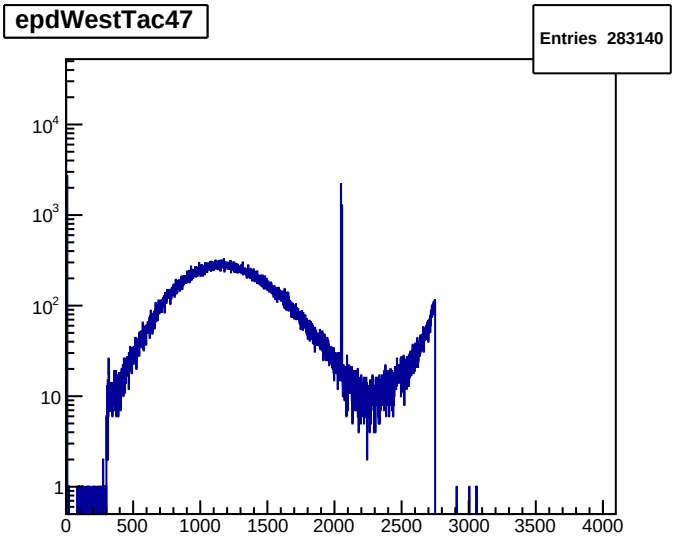
Entries 0
Data
Simu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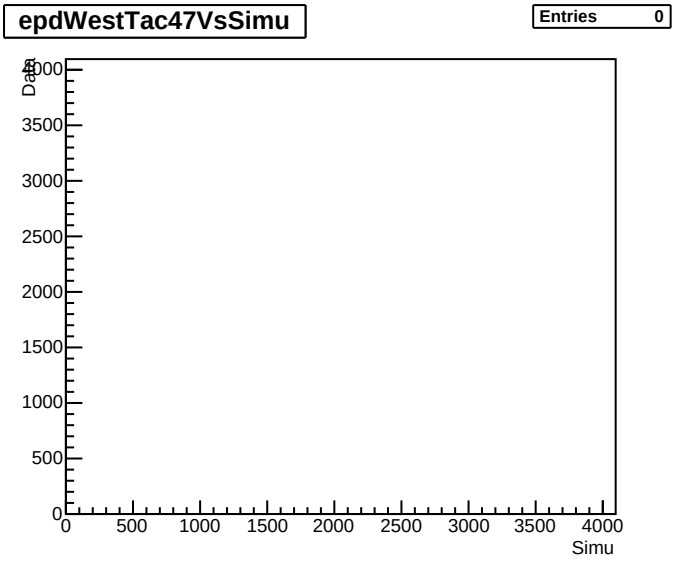
Entries 283140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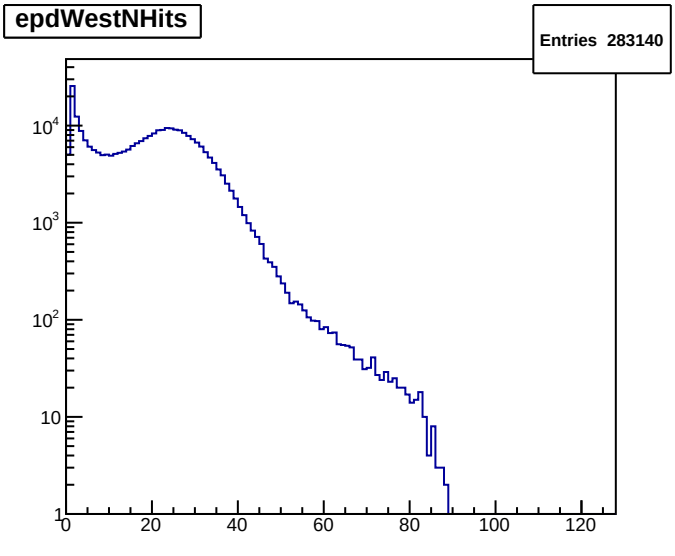
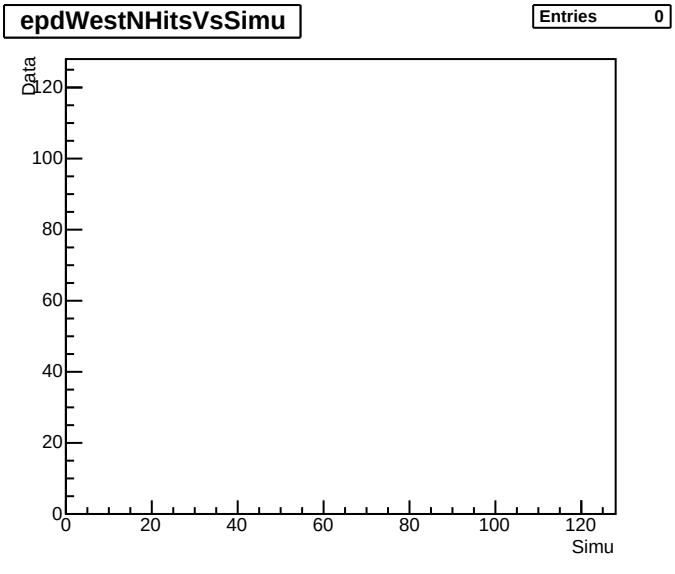
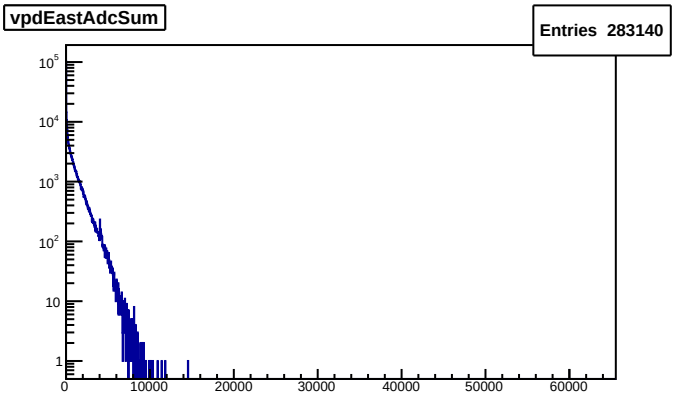
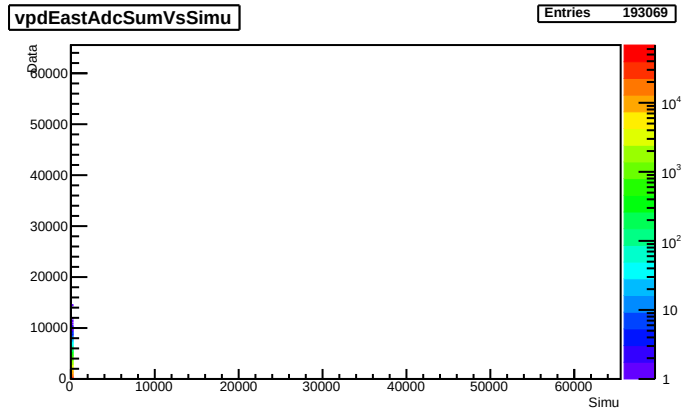
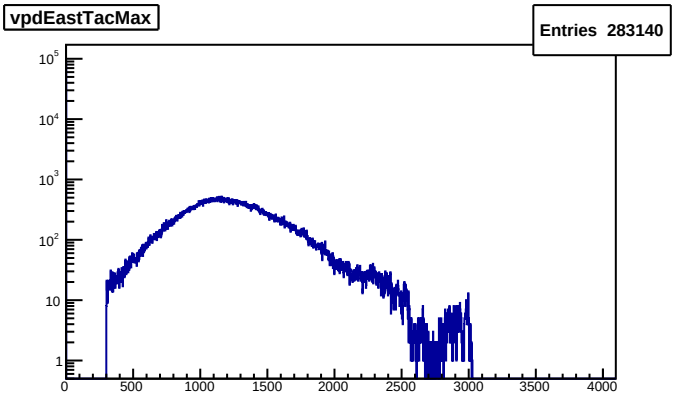
Entries 0
Data
Simu

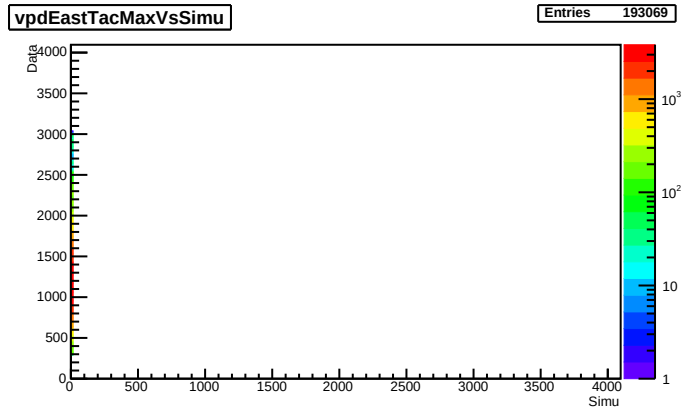

epdWestNHits
Entries 283140

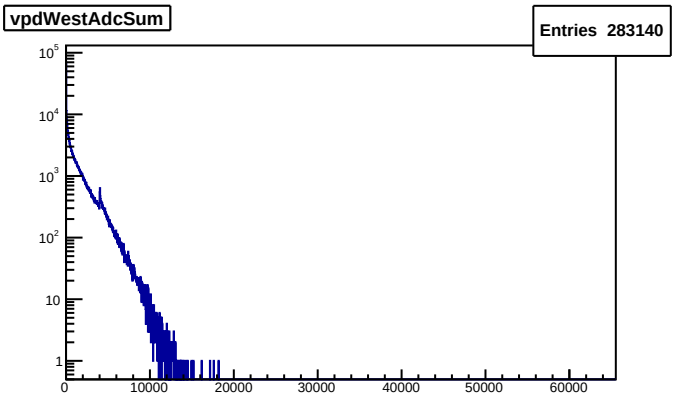

epdWestNHitsVsSimu
Entries 0
Data
Simu

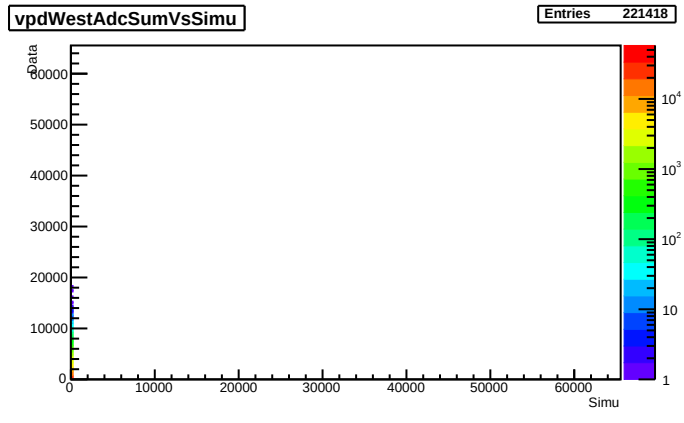

vpdEastAdcSum
Entries 283140

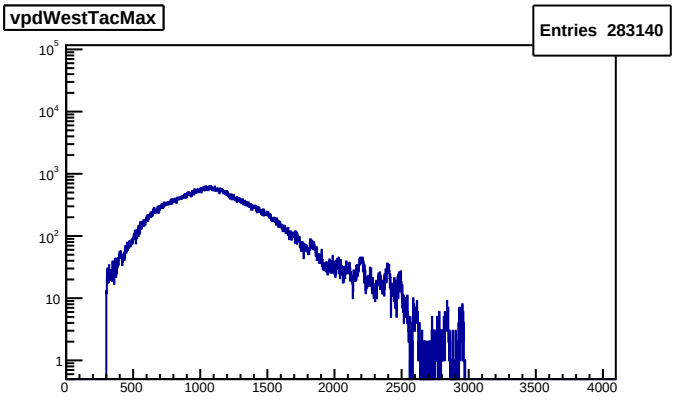

vpdEastAdcSumVsSimu
Entries 193069
Data
Simu

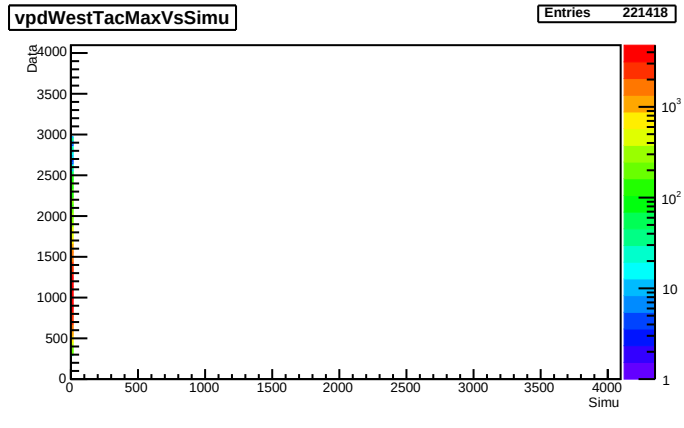

vpdEastTacMax
Entries 283140

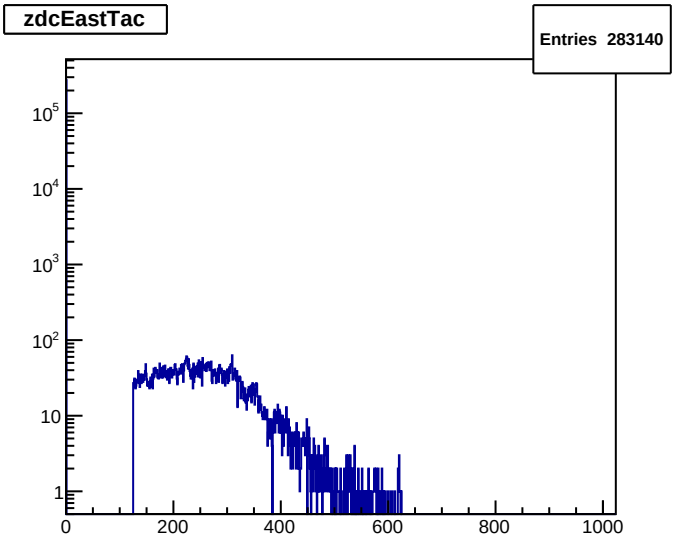

vpdEastTacMaxVsSimu
Entries 193069
Data
Simu

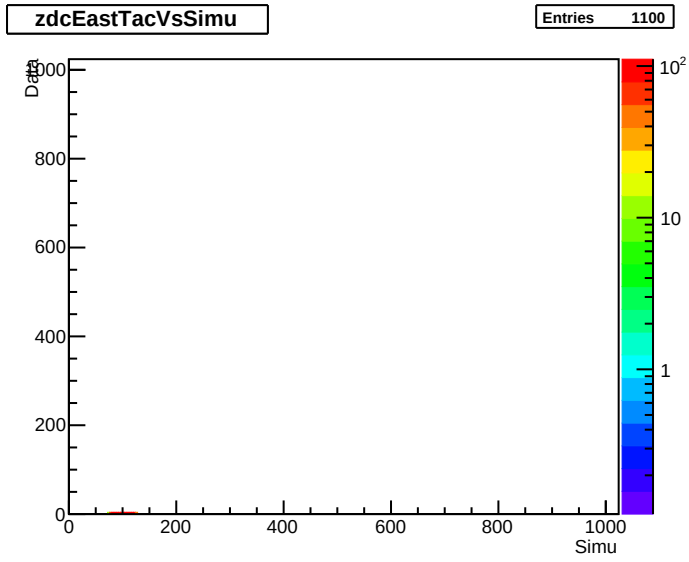

vpdWestAdcSum
Entries 283140

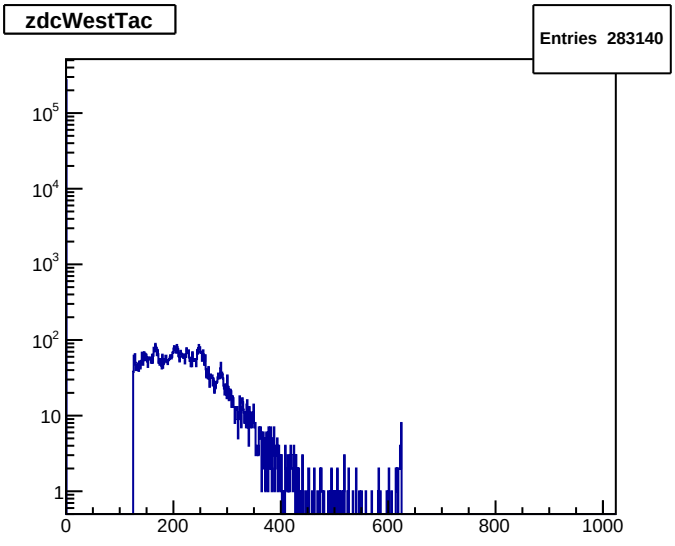

vpdWestAdcSumVsSimu
Entries 221418
Data
Simu

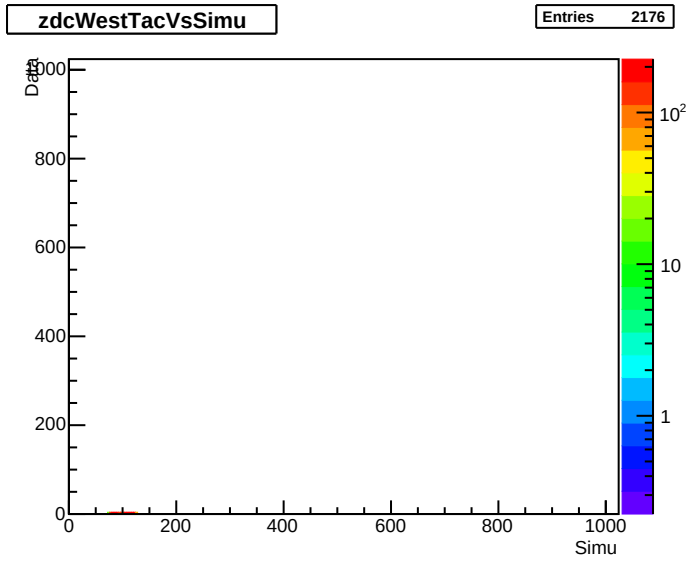

vpdWestTacMax
Entries 283140

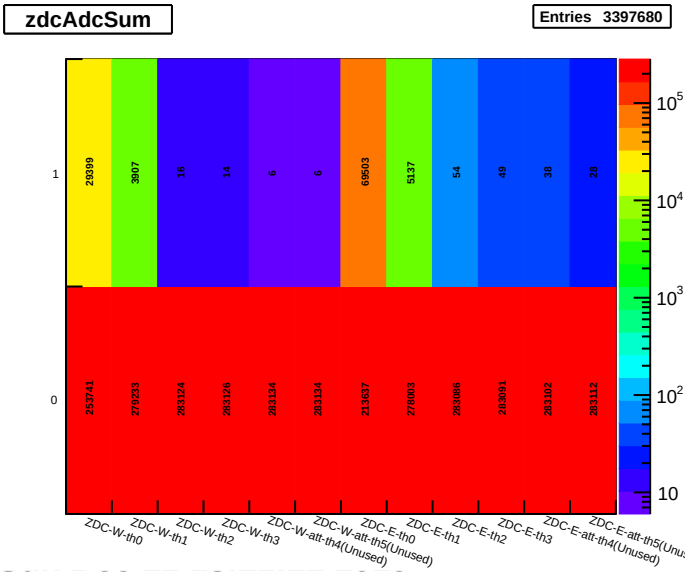

vpdWestTacMaxVsSimu
Entries 221418
Data
Simu

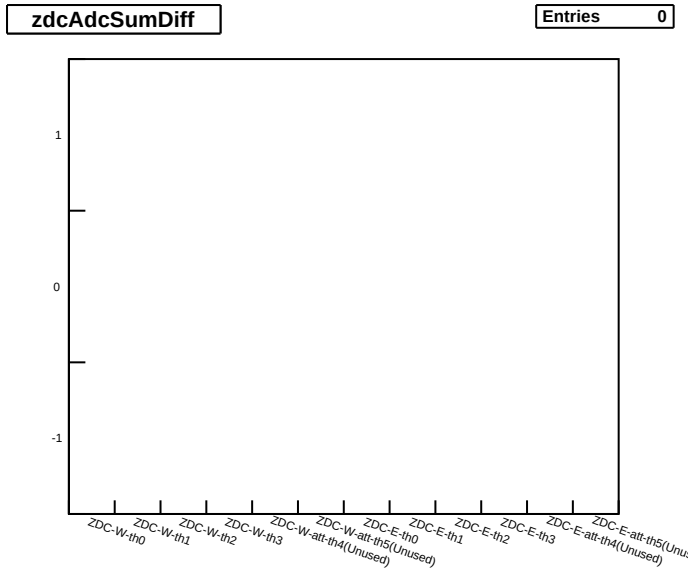

zdcEastTac
Entries 283140

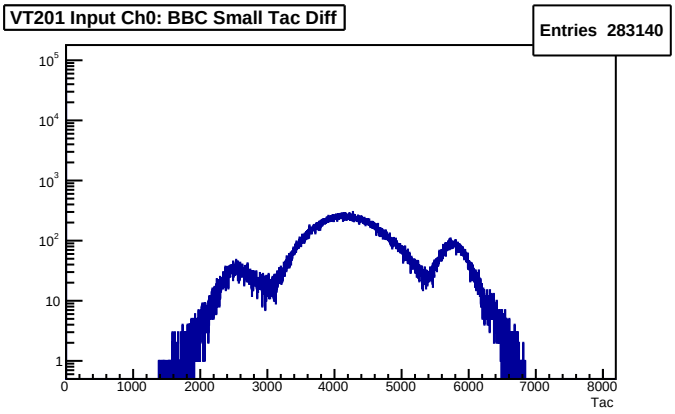

zdcEastTacVsSimu
Entries 1100
Data
Simu

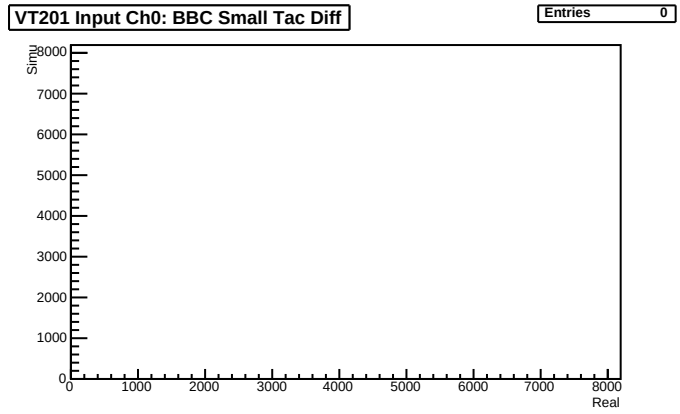

zdcWestTac
Entries 283140

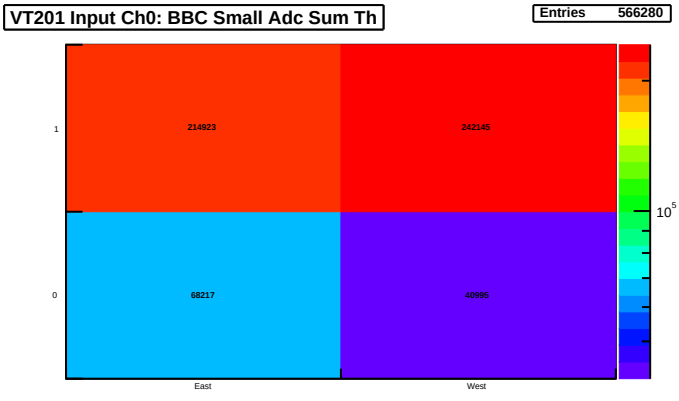

zdcWestTacVsSimu
Entries 2176
Data
Simu

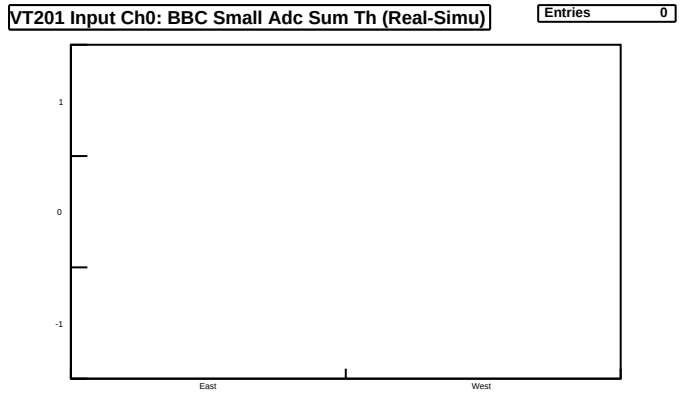

zdcAdcSum
Entries 3397680
29399
3907
16
14
6
6
69503
5137
54
49
38
28
253741
279233
283124
283126
283134
283134
213637
278003
283086
283091
283102
283112
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

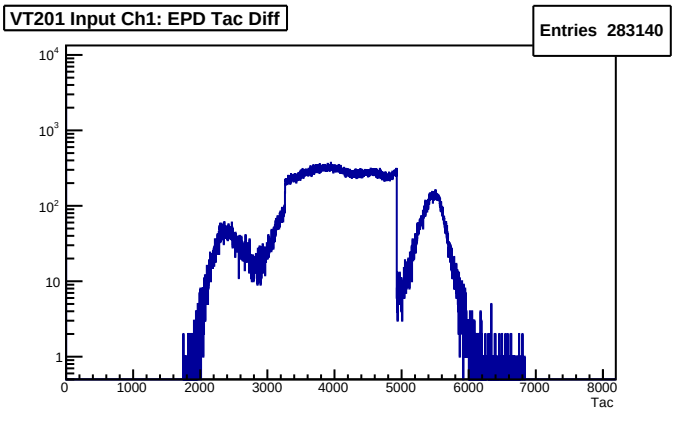

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

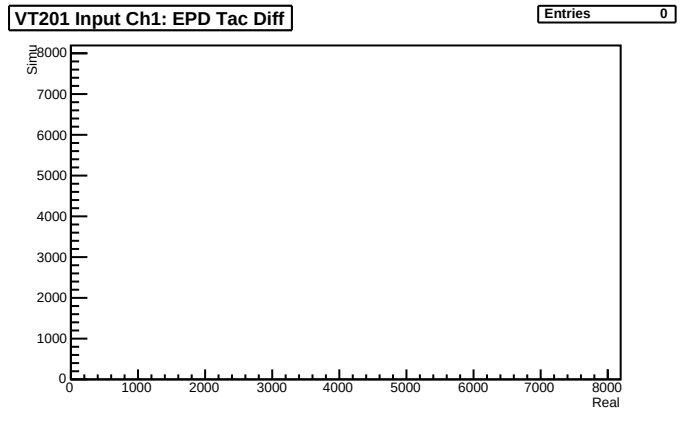

VT201 Input Ch0: BBC Small Tac Diff
Entries 283140
Tac

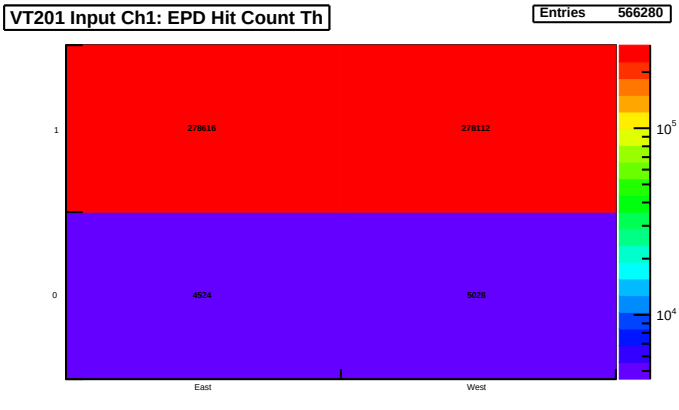

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

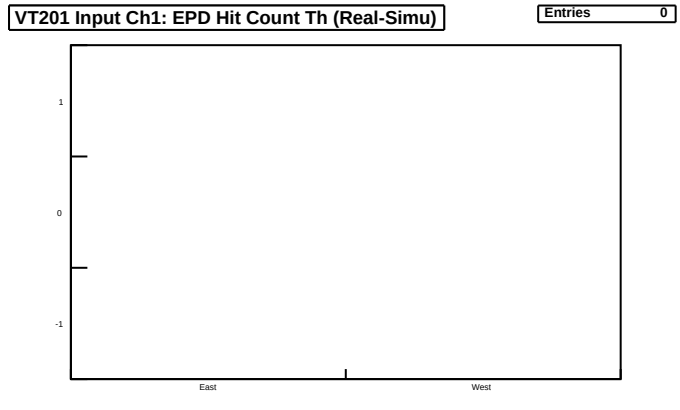

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 566280
214923
242145
68217
40995
East
West

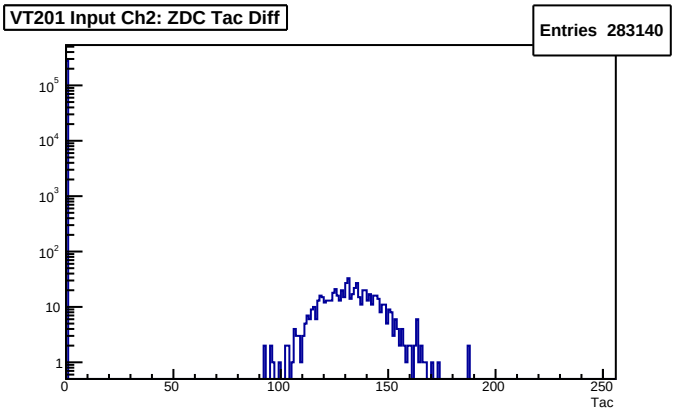

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

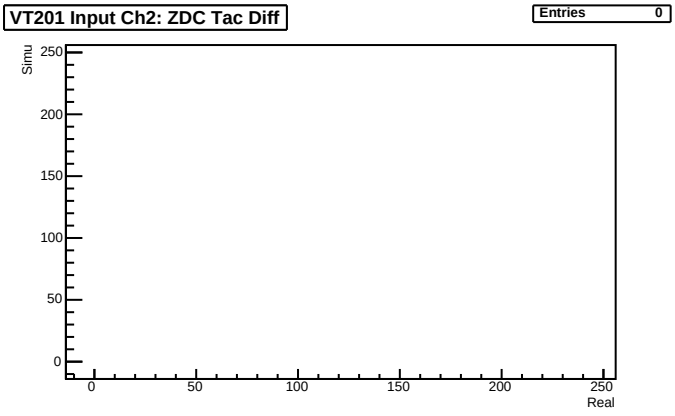

VT201 Input Ch1: EPD Tac Diff
Entries 283140
Tac

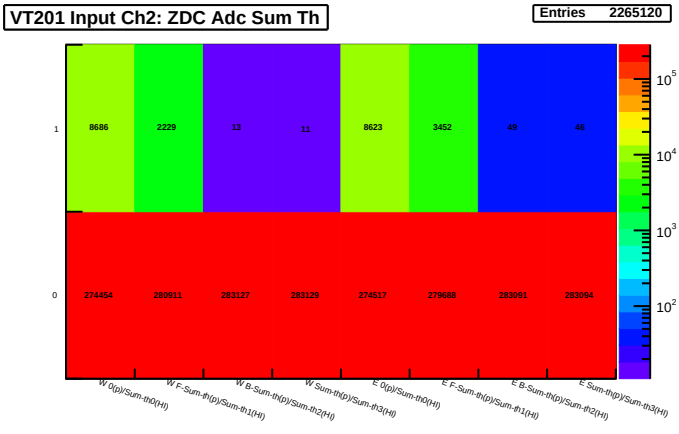

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

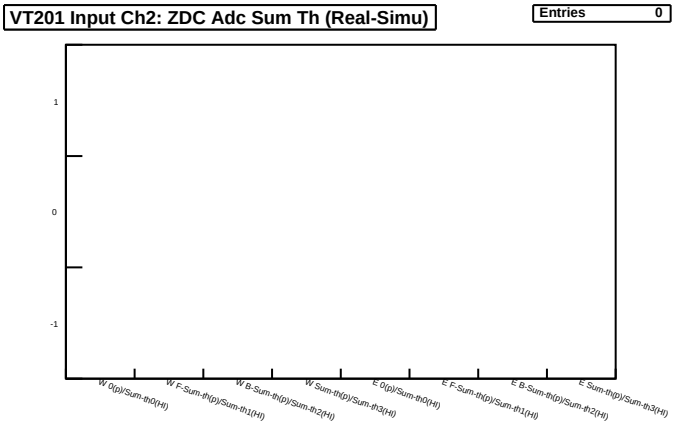

VT201 Input Ch1: EPD Hit Count Th
Entries 566280
278616
278112
4524
5028
East
West

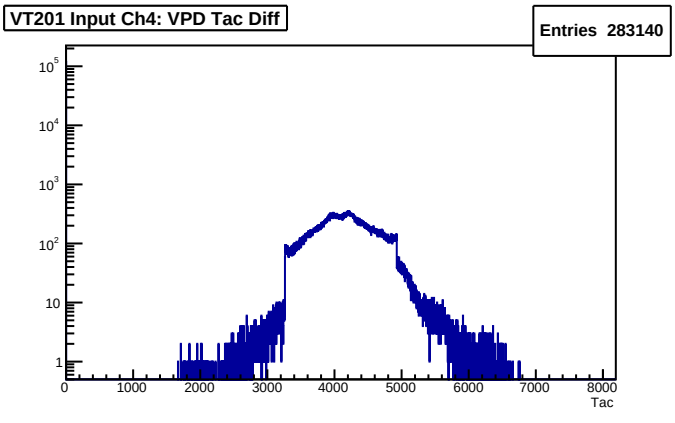

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

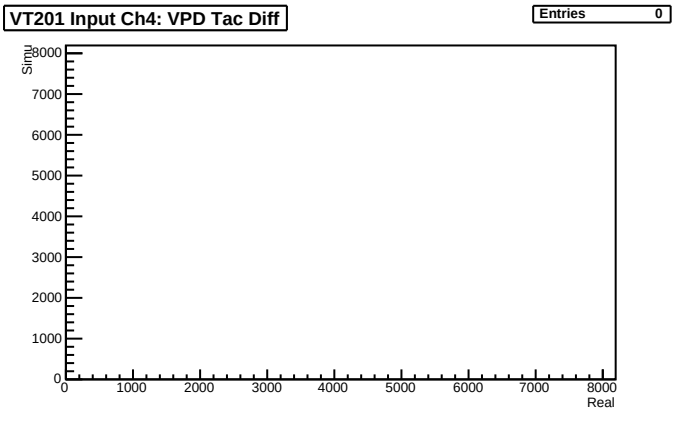

VT201 Input Ch2: ZDC Tac Diff
Entries 283140
Tac

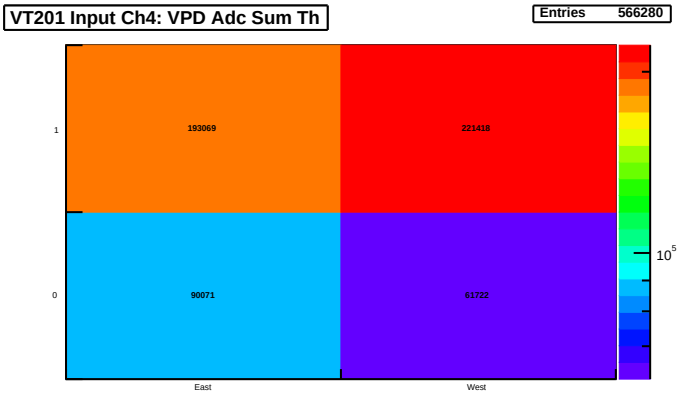

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

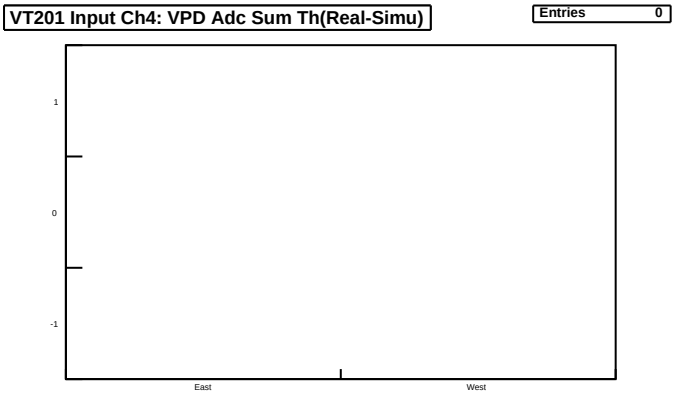

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2265120
8686
2229
13
11
8623
3452
49
46
274454
280911
283127
283129
274517
279688
283091
283094
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

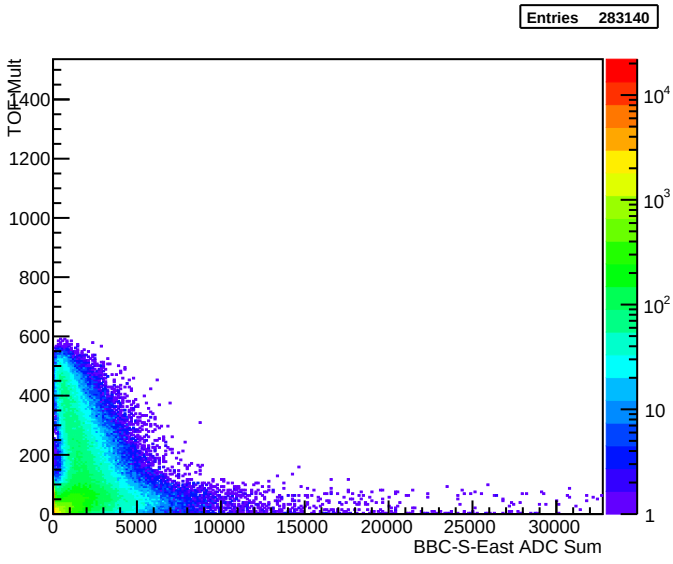

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

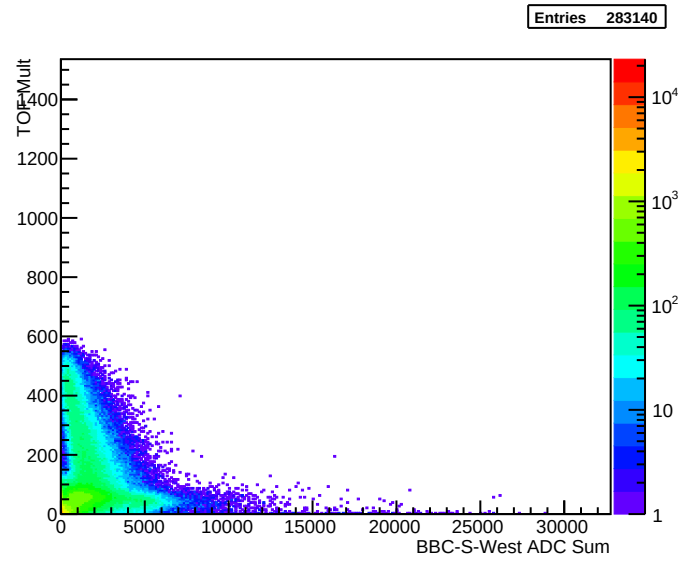

VT201 Input Ch4: VPD Tac Diff
Entries 283140
Tac

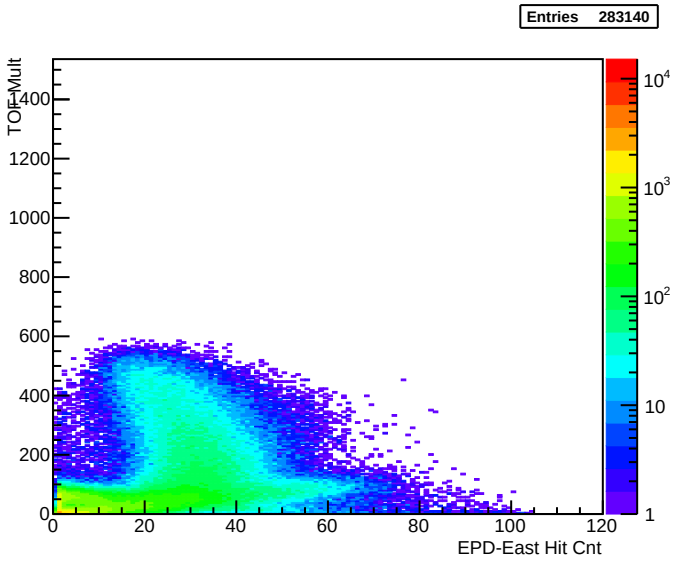

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

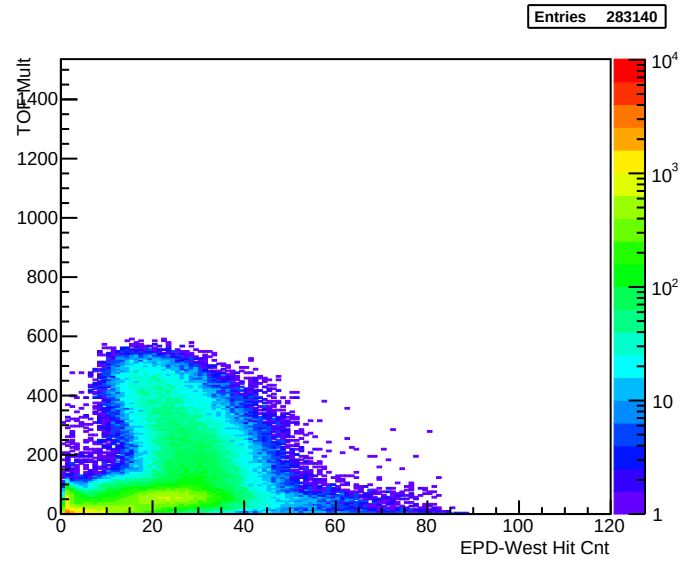

VT201 Input Ch4: VPD Adc Sum Th
Entries 566280
193069
221418
90071
61722
East
West

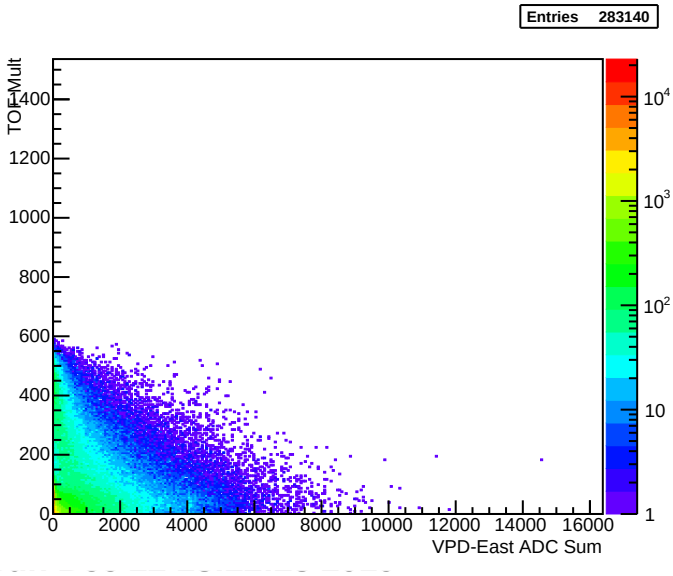

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

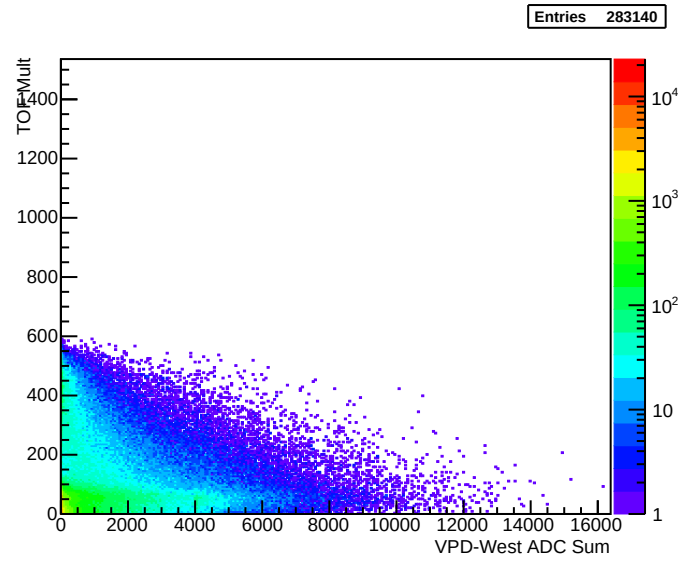

Entries 283140
TOF-Mult
BBC-S-East ADC Sum

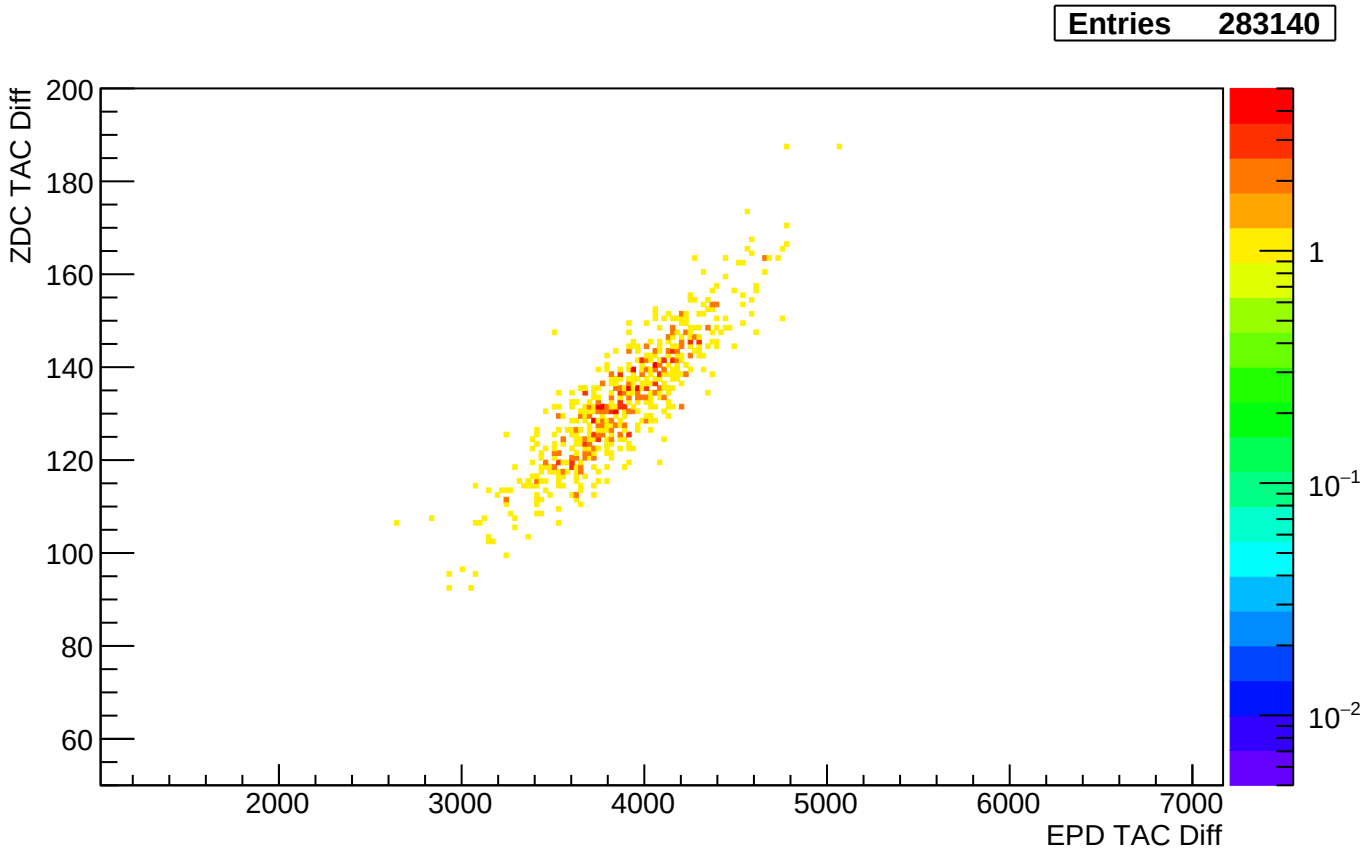

Entries 283140
TOF-Mult
BBC-S-West ADC Sum

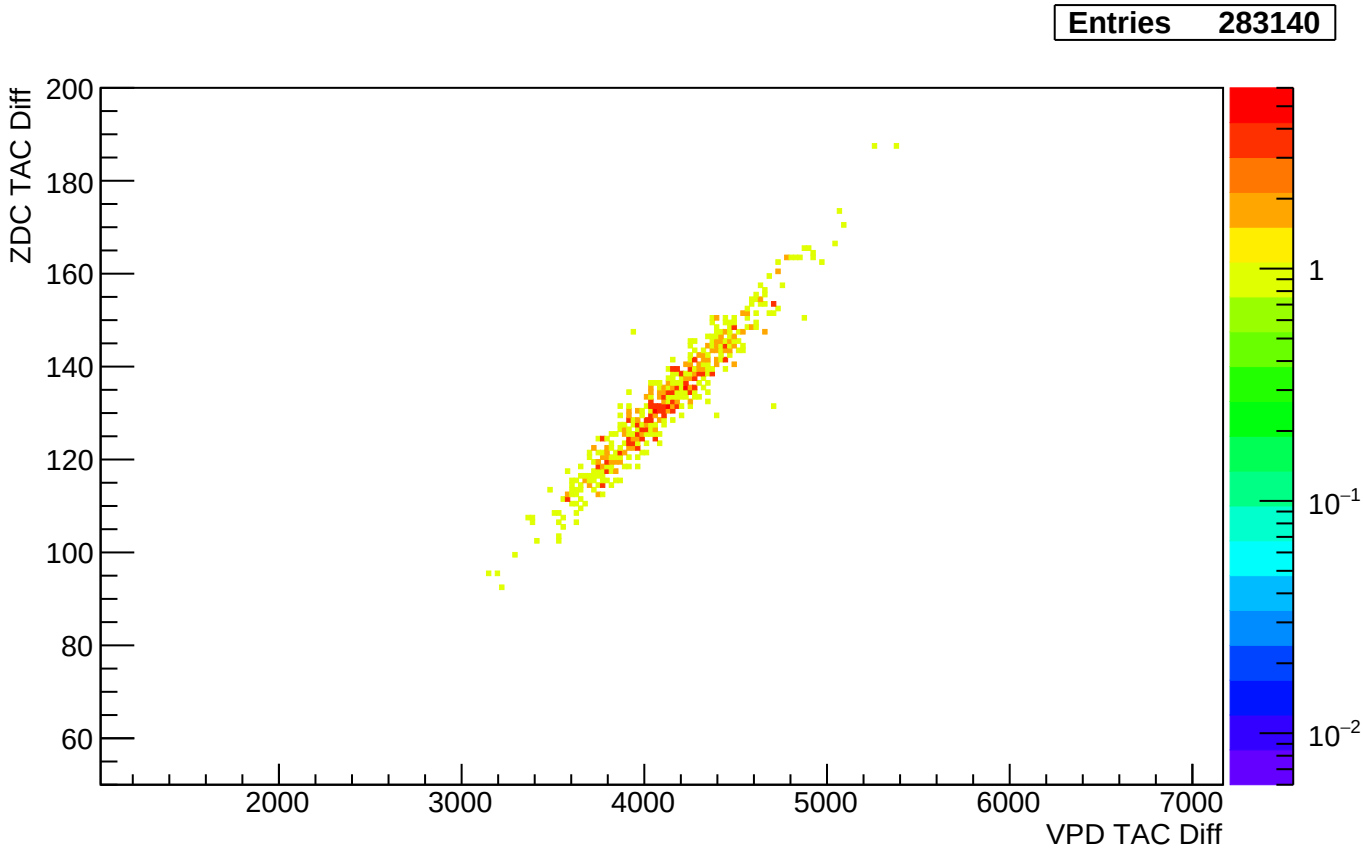

Entries 283140
TOF-Mult
EPD-East Hit Cnt

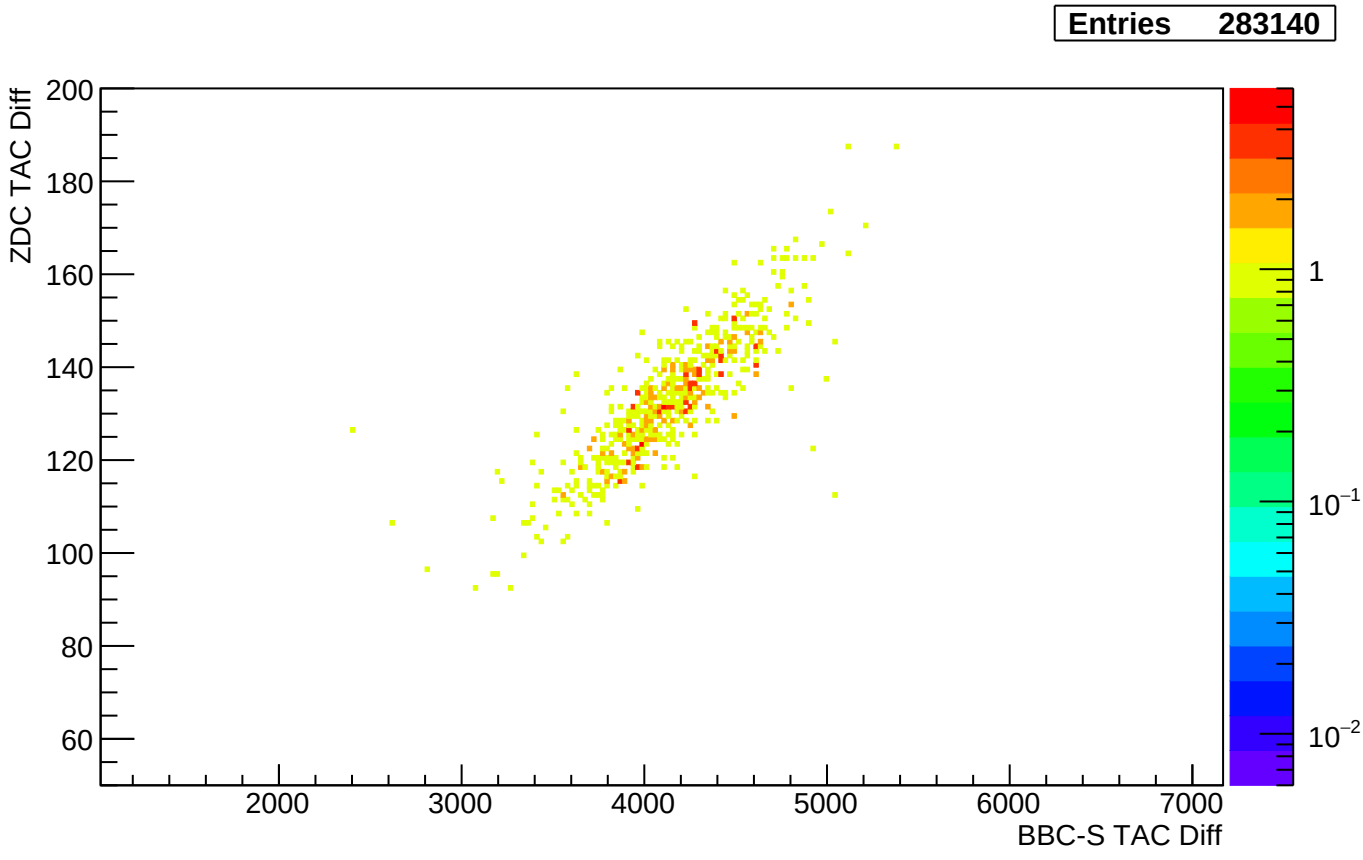

Entries 283140
TOF-Mult
EPD-West Hit Cnt

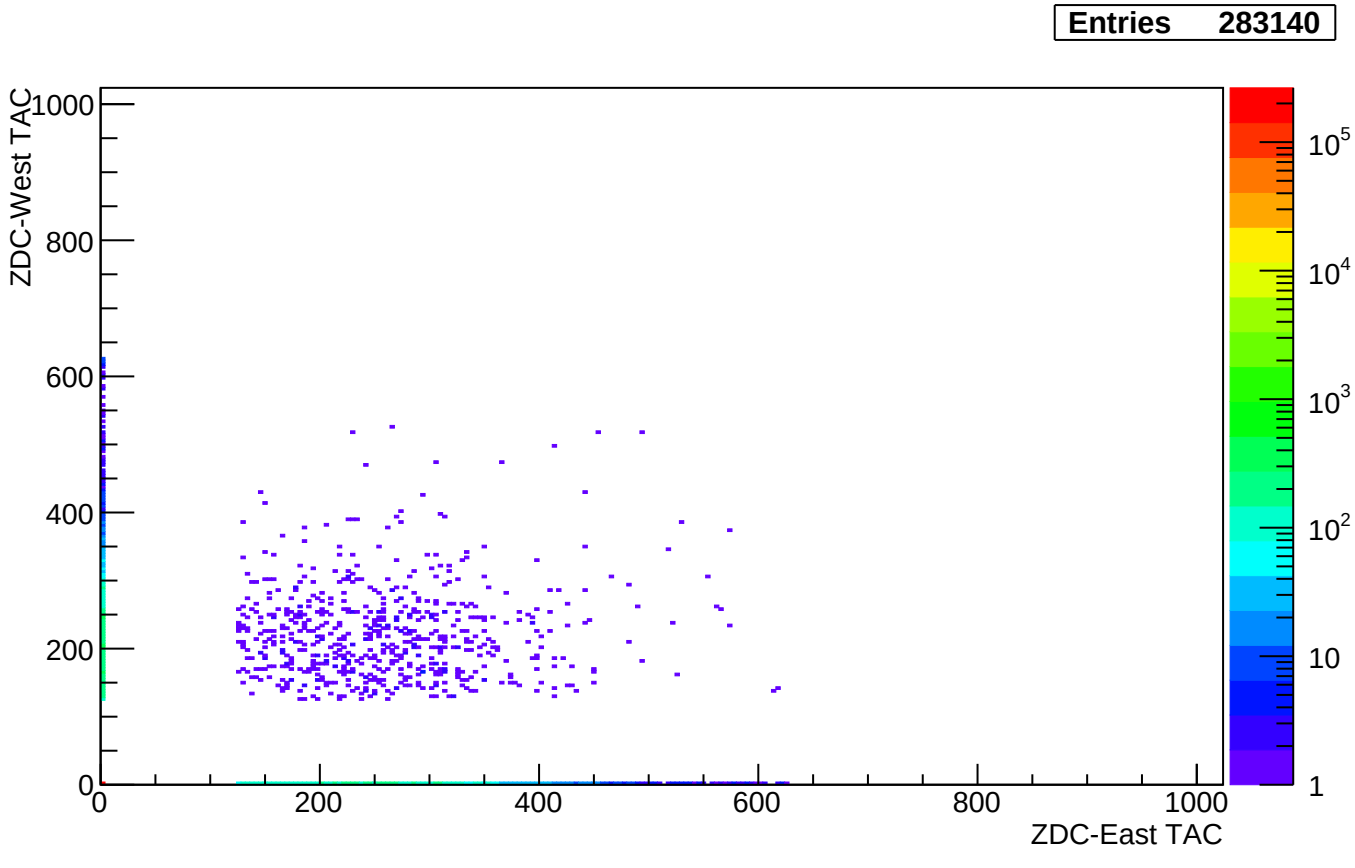

Entries 283140
TOF-Mult
VPD-East ADC Sum

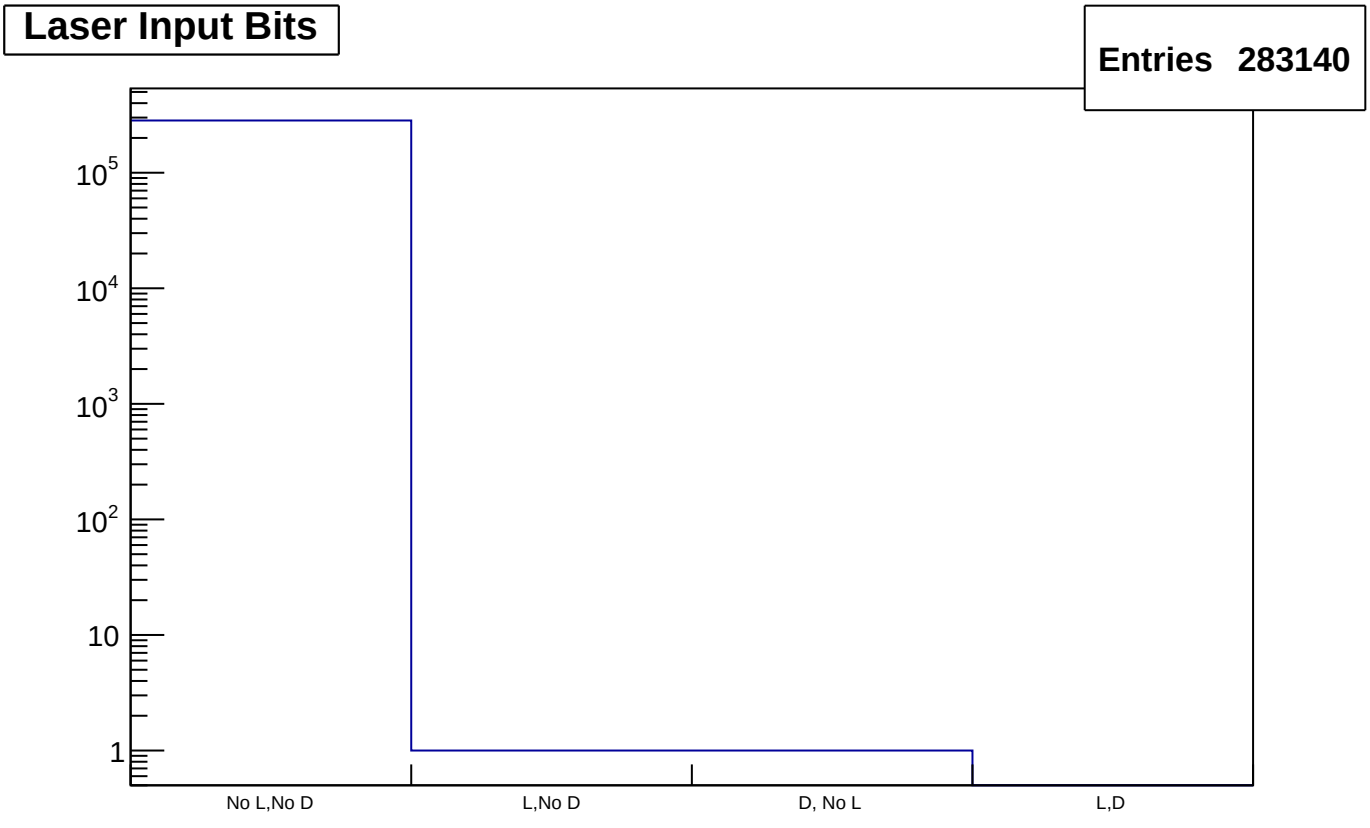

Entries 283140
TOF-Mult
VPD-West ADC Sum

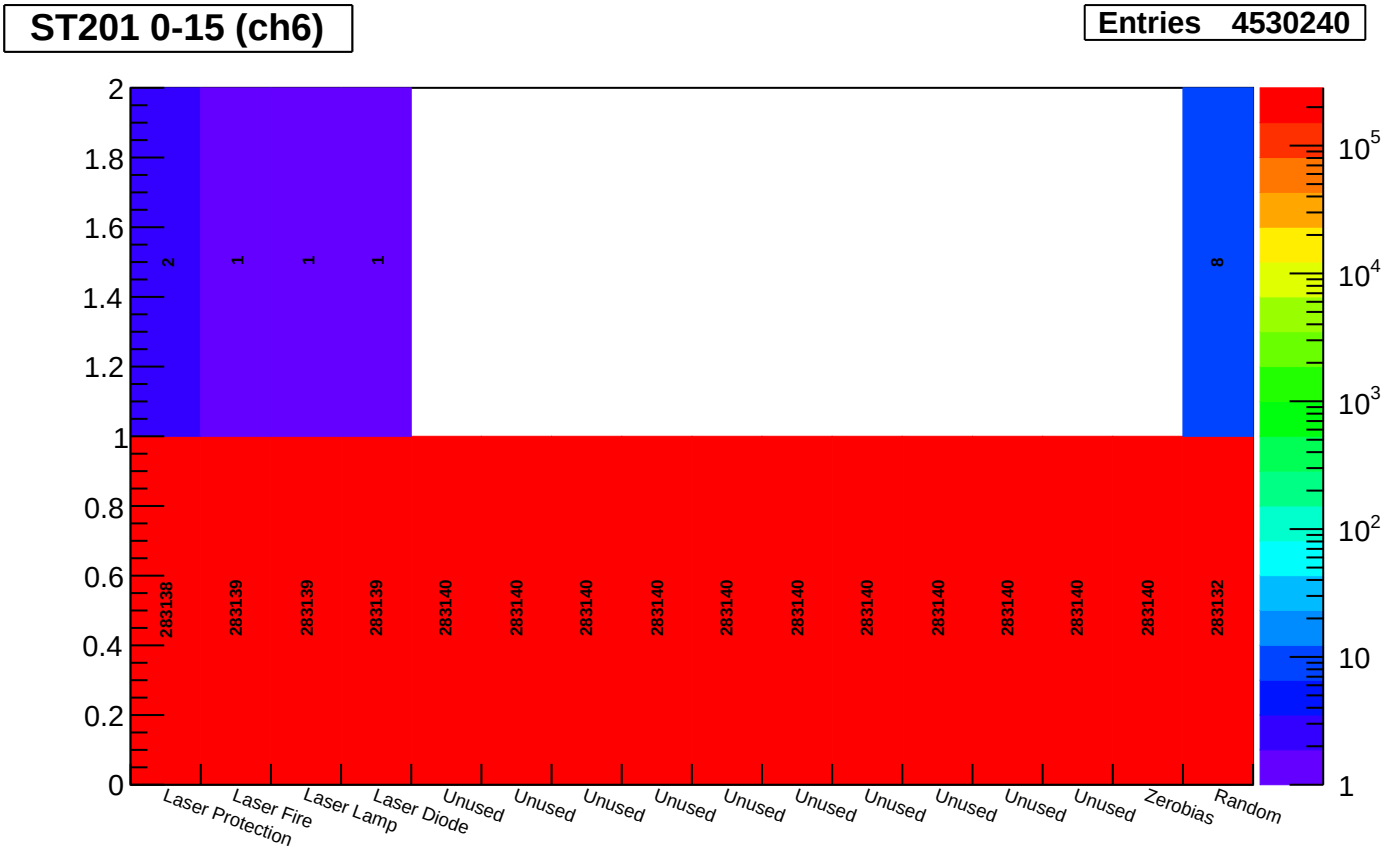

Entries 283140
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

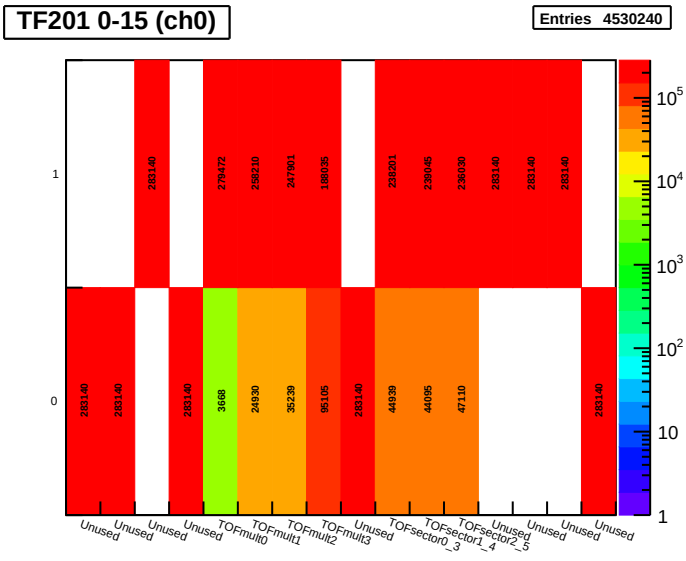

Entries 283140
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

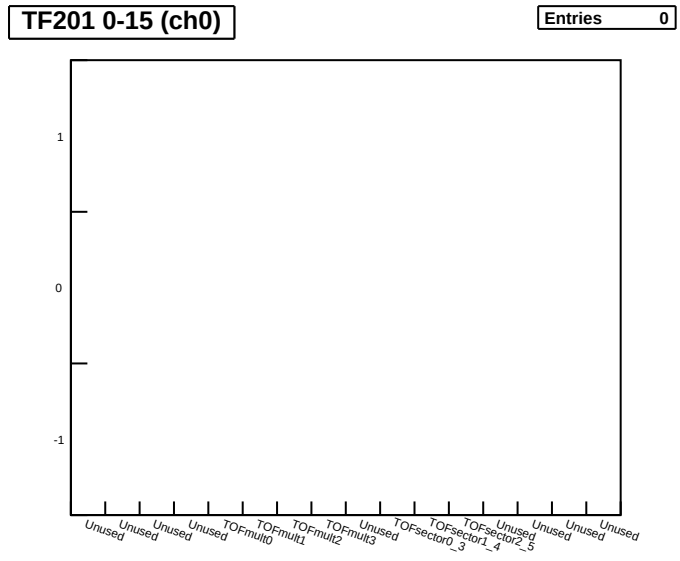

Entries 283140
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

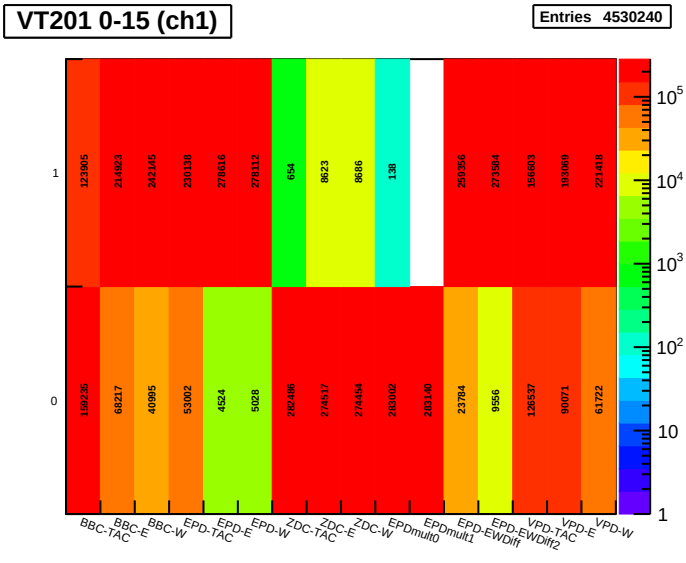

Entries 283140
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

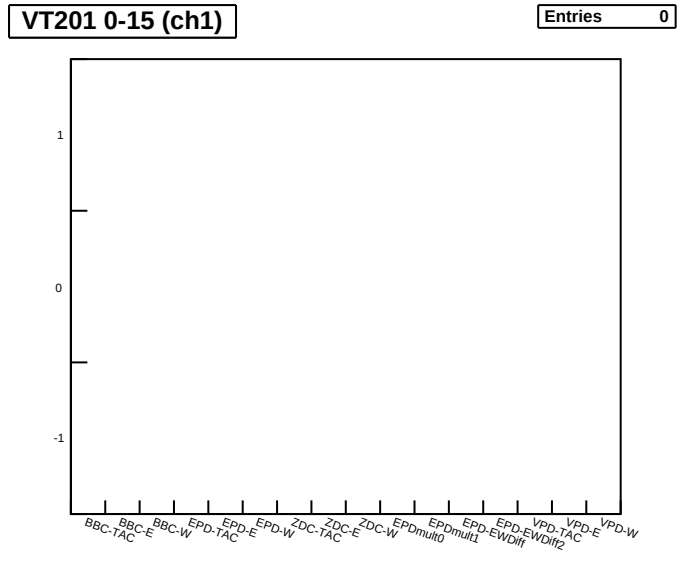

Laser Input Bits
Entries 283140
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

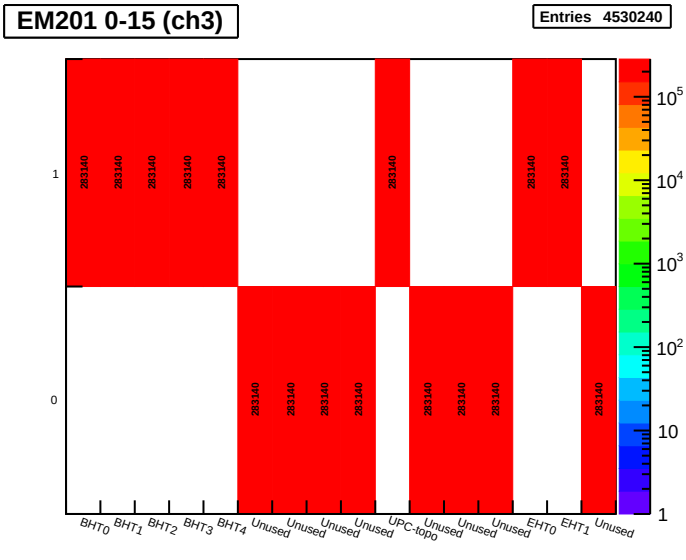

ST201 0-15 (ch6)
Entries 4530240
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
8
283138
283139
283139
283139
283140
283140
283140
283140
283140
283140
283140
283140
283140
283140
283132
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

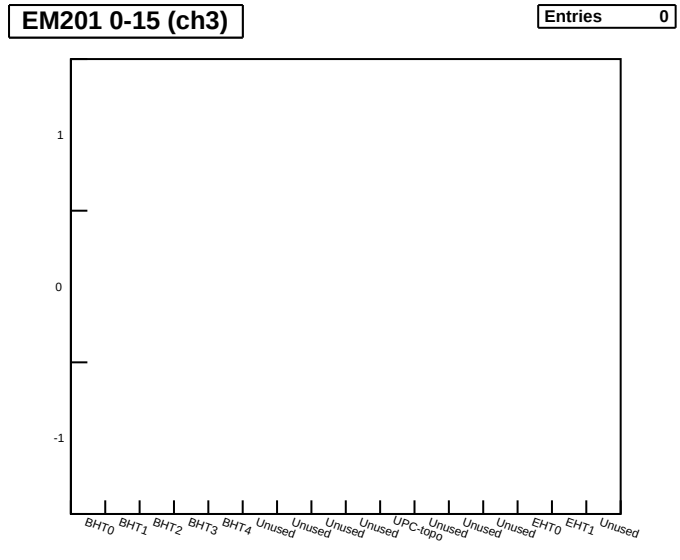

TF201 0-15 (ch0)
Entries 4530240
1
0
283140
270472
258210
247801
188035
238201
239045
236030
3668
24930
35239
95105
44939
44095
47110
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 4530240
1
0
123905
214923
242145
230138
278616
278112
654
8623
8686
138
259356
273584
156603
193069
221418
159235
68217
40995
53002
4524
5028
282486
274517
274454
283002
283140
23784
9556
126537
90071
61722
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 4530240
1
0
283140
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1