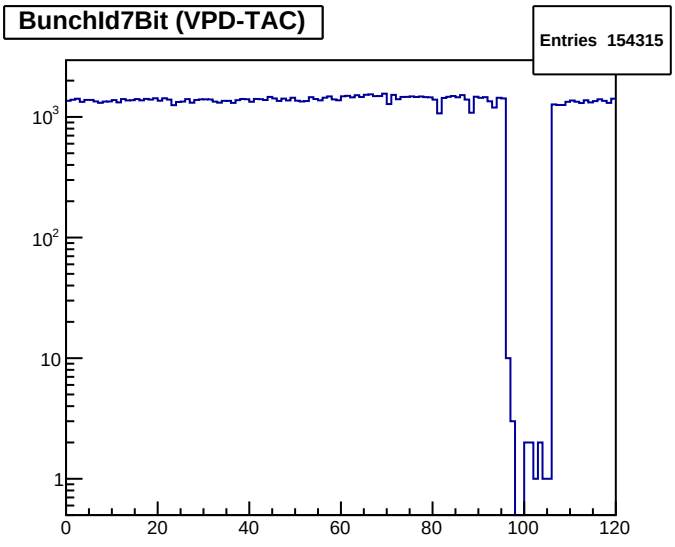
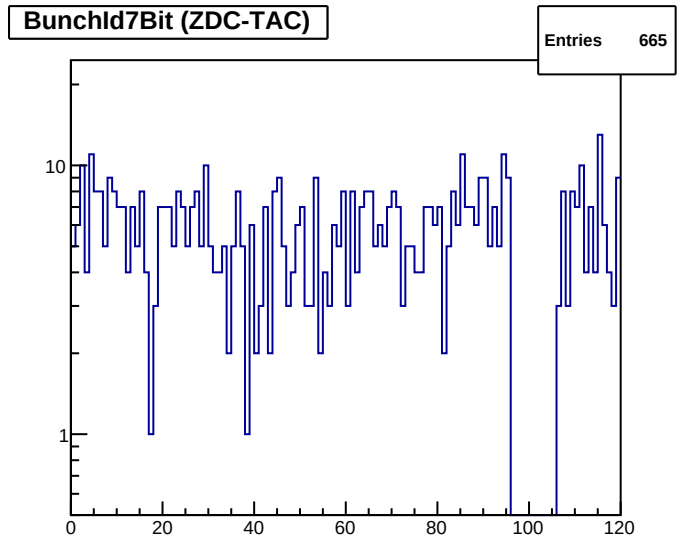
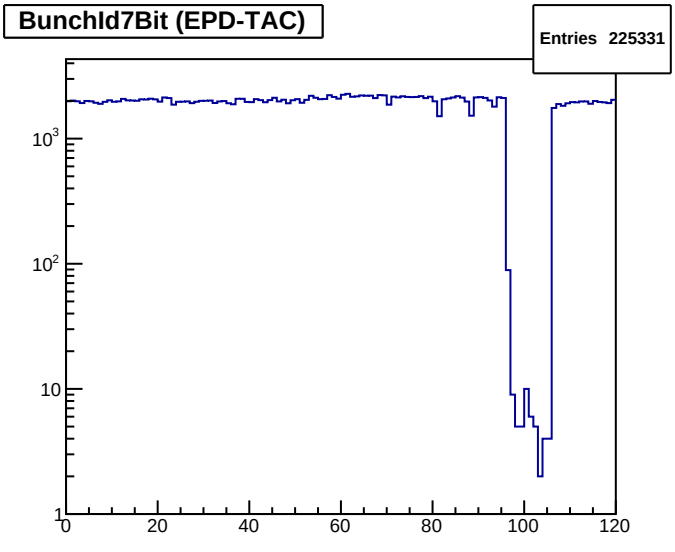
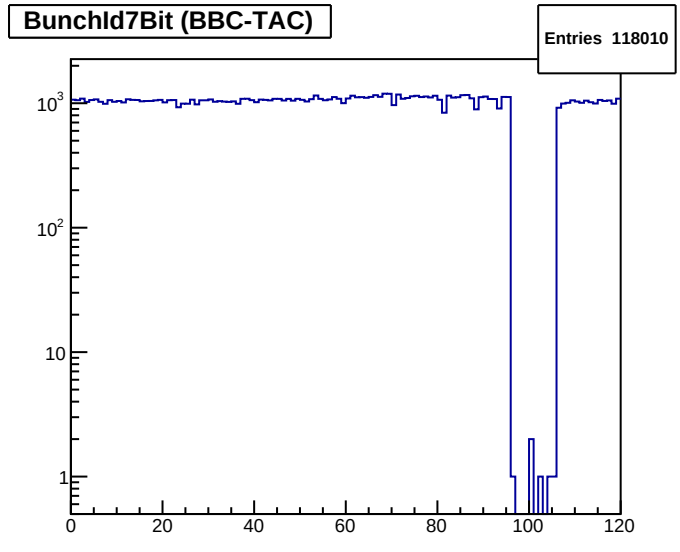
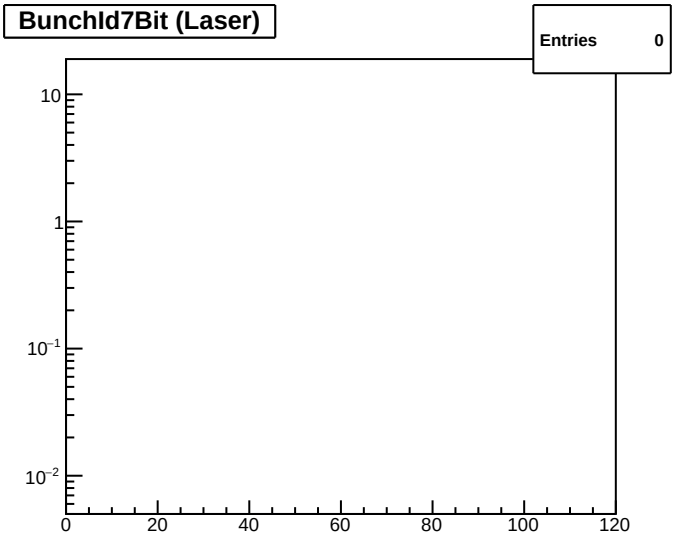
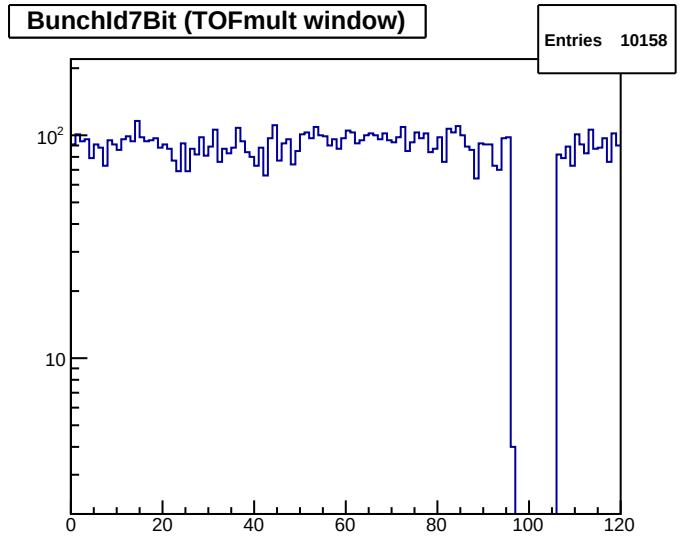

BunchId7Bit (VPD-TAC)
Entries 154315

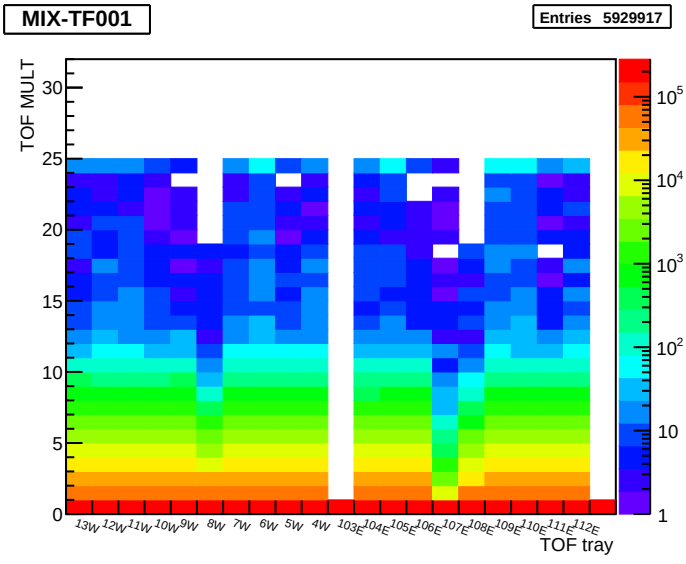

BunchId7Bit (ZDC-TAC)
Entries 665

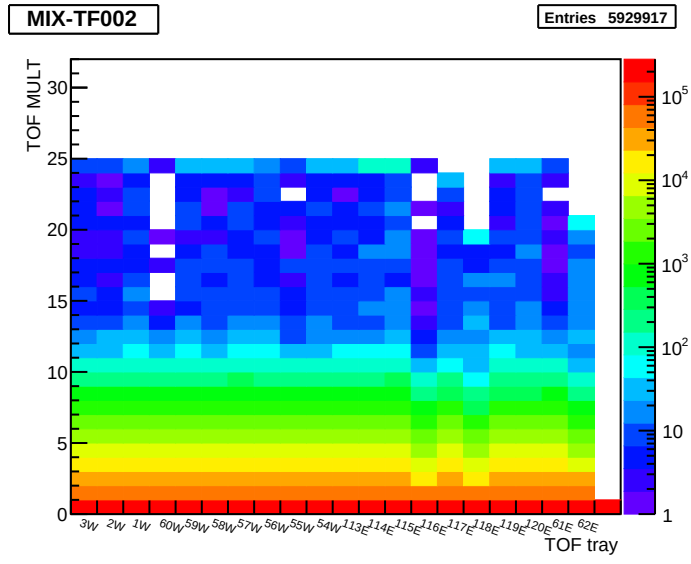

BunchId7Bit (EPD-TAC)
Entries 225331

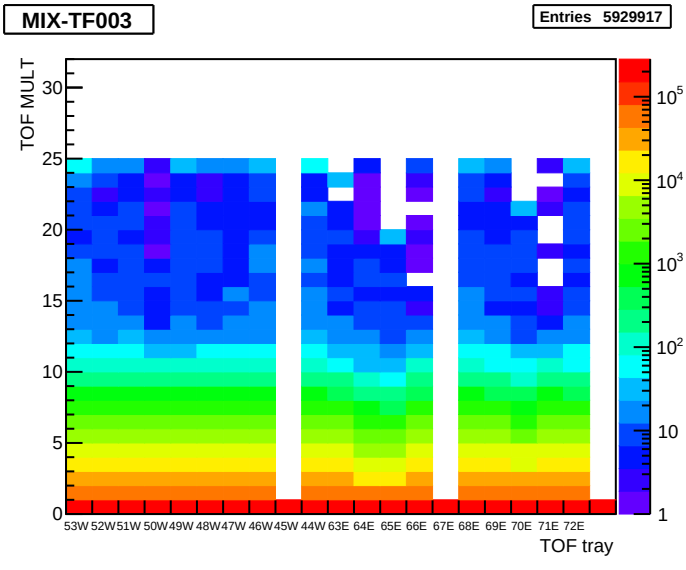

BunchId7Bit (BBC-TAC)
Entries 118010

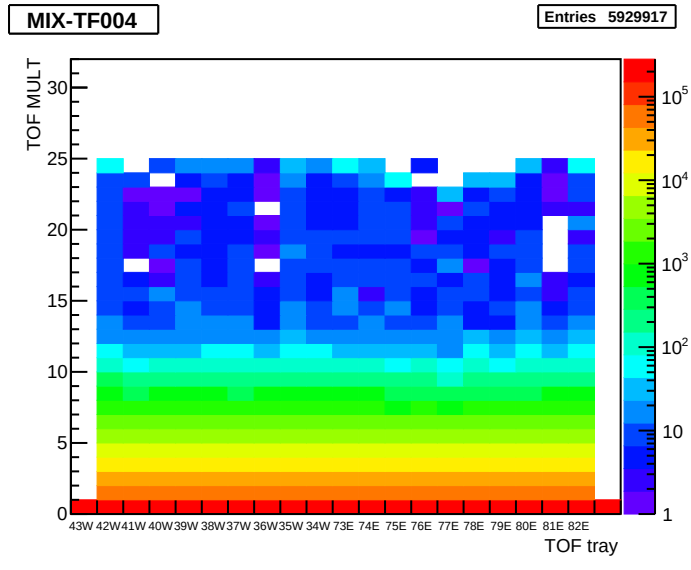

BunchId7Bit (Laser)
Entries 0

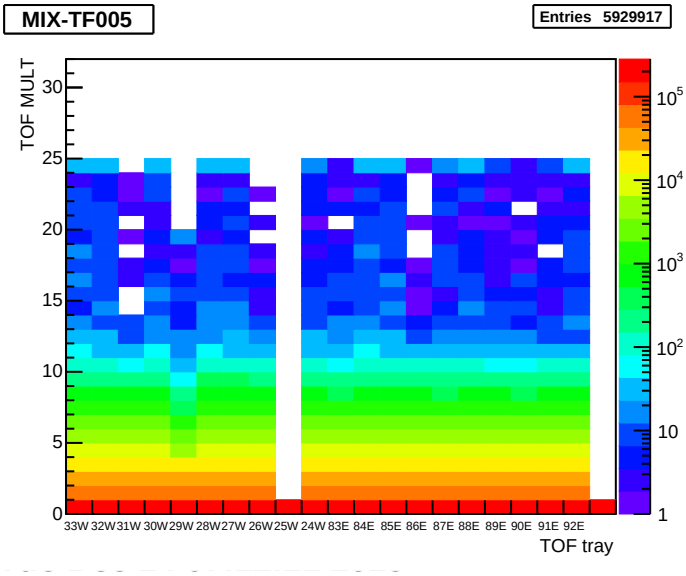

BunchId7Bit (TOFmult window)
Entries 10158

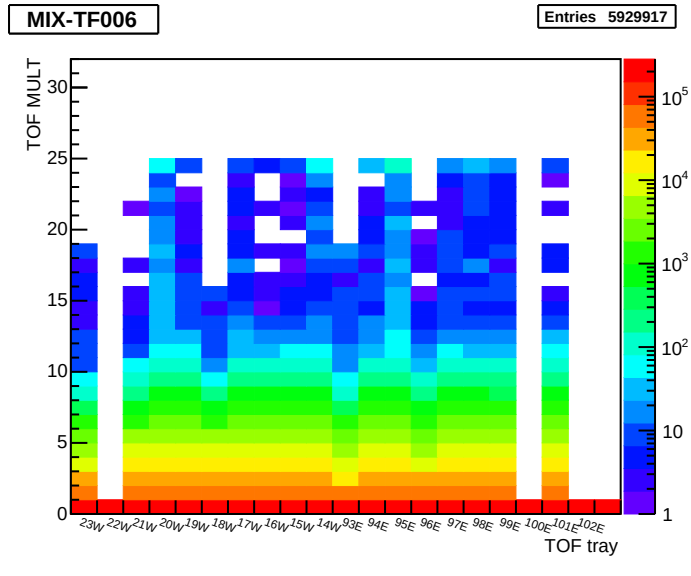

MIX-TF001
Entries 5929917
TOF MULT
TOF tray

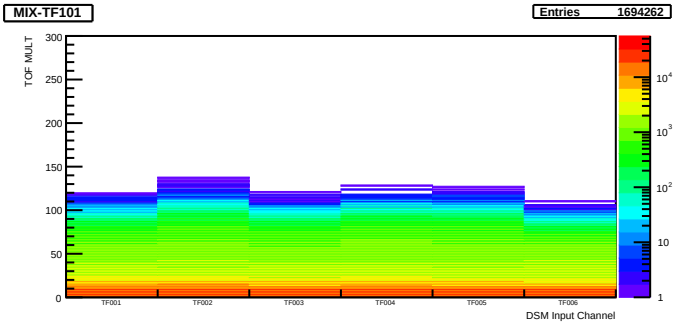

MIX-TF002
Entries 5929917
TOF MULT
TOF tray

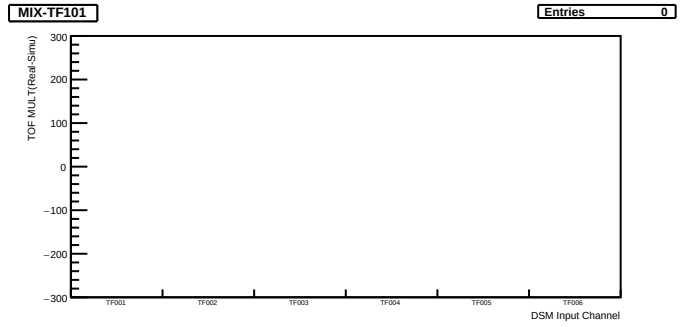

MIX-TF003
Entries 5929917
TOF MULT
TOF tray

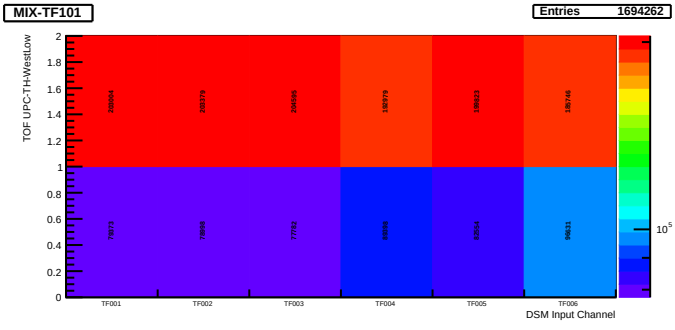

MIX-TF004
Entries 5929917
TOF MULT
TOF tray

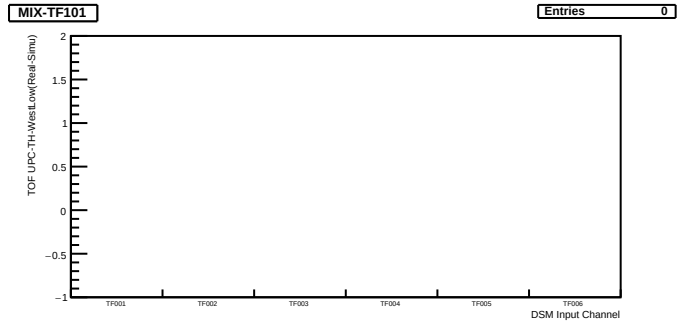

MIX-TF005
Entries 5929917
TOF MULT
TOF tray

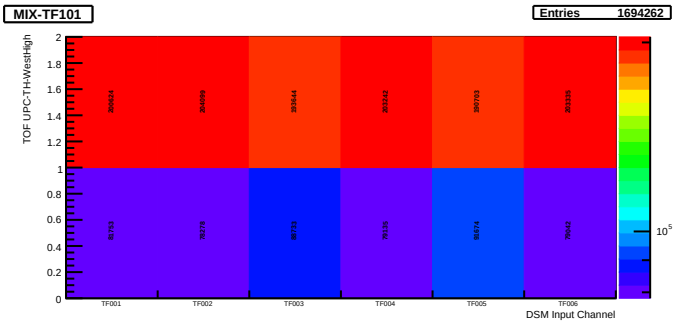

MIX-TF006
Entries 5929917
TOF MULT
TOF tray

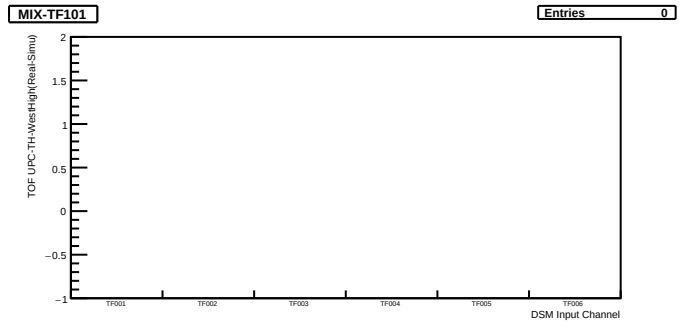

MIX-TF101
Entries 1694262
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

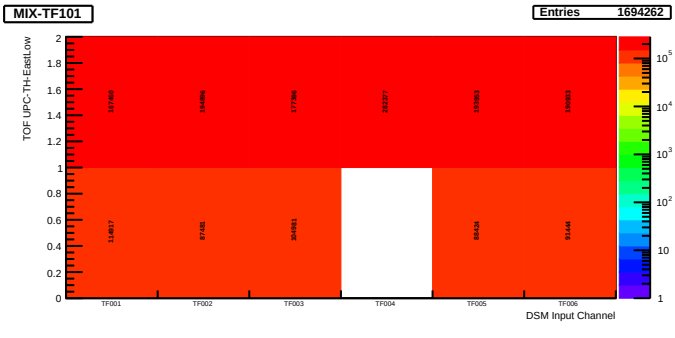

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

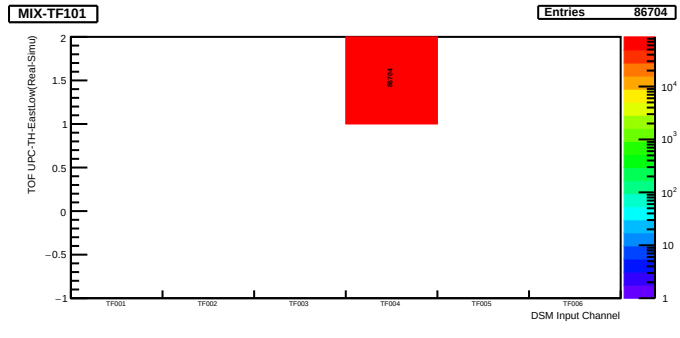

MIX-TF101
Entries 1694262
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

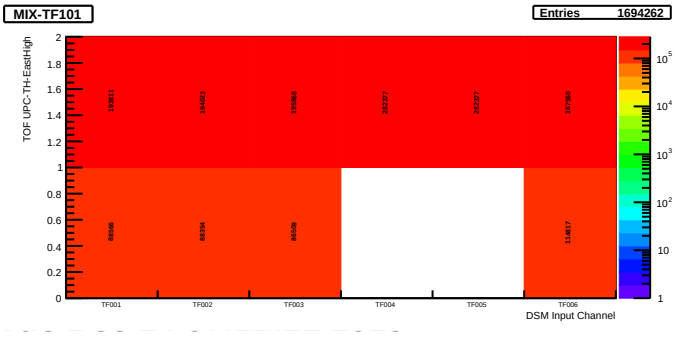

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

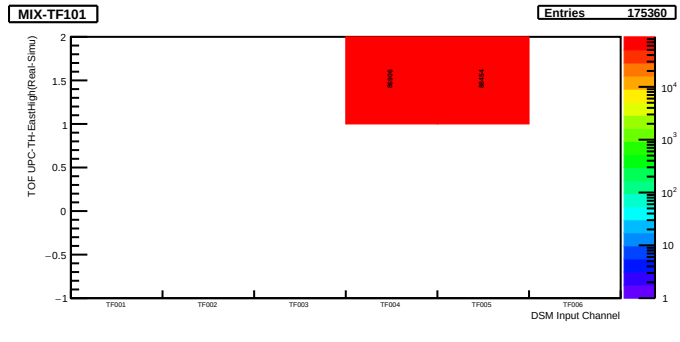

MIX-TF101
Entries 1694262
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

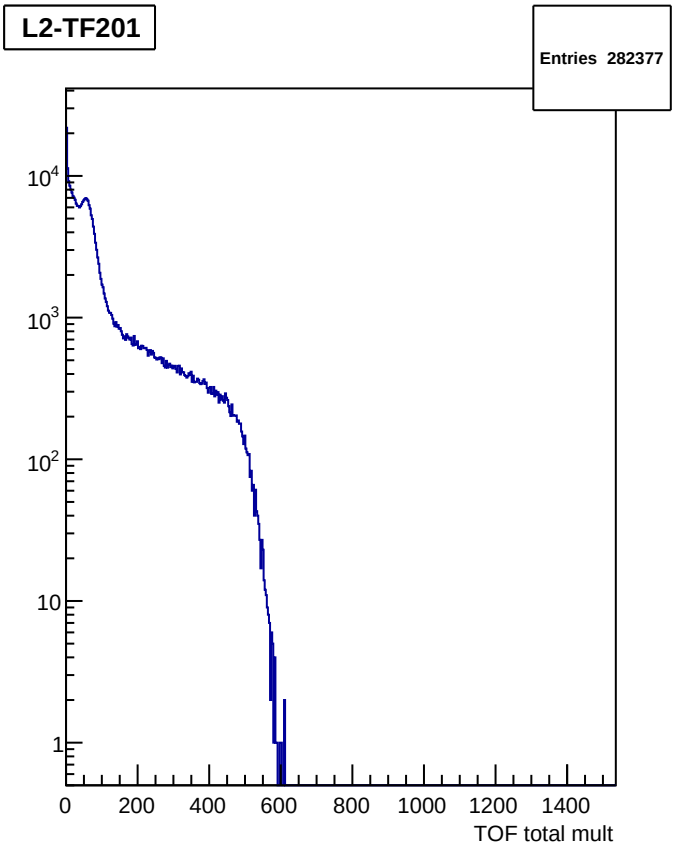

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

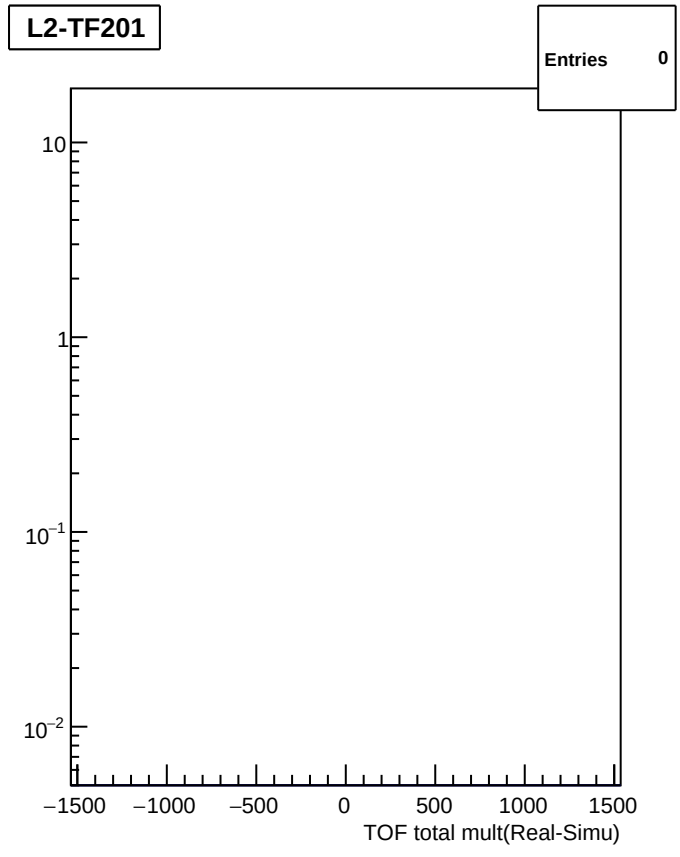

MIX-TF101
Entries 1694262
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

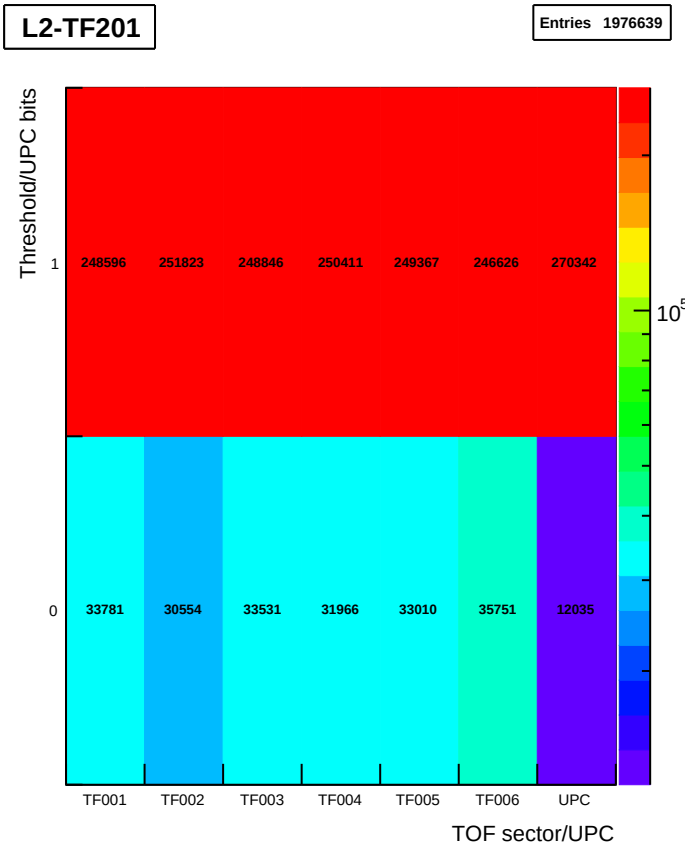

MIX-TF101
Entries 86704
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

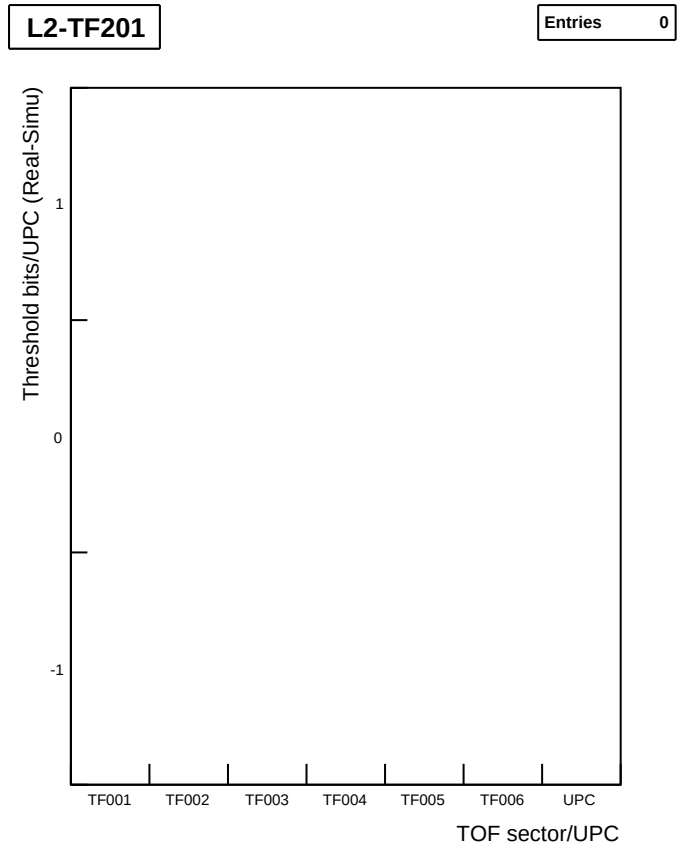

MIX-TF101
Entries 1694262
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

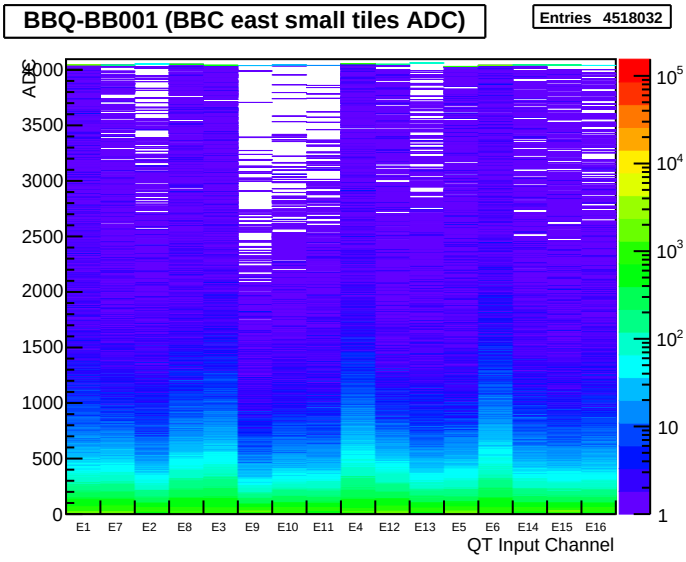

MIX-TF101
Entries 175360
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

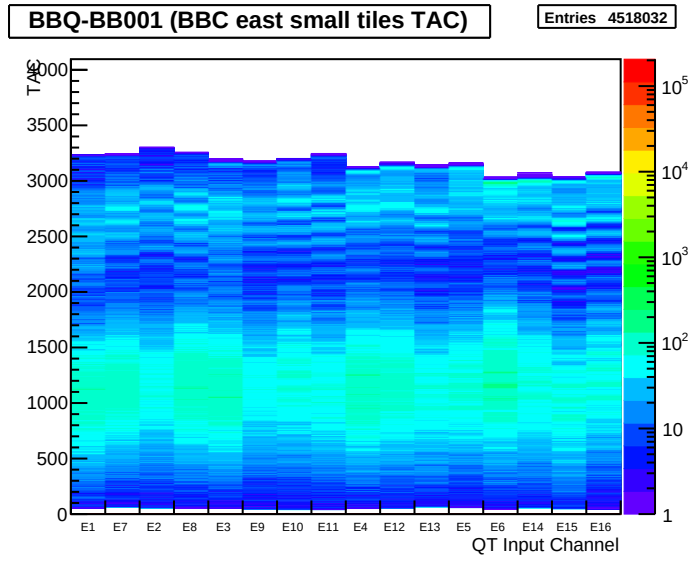

L2-TF201
Entries 282377
TOF total mult

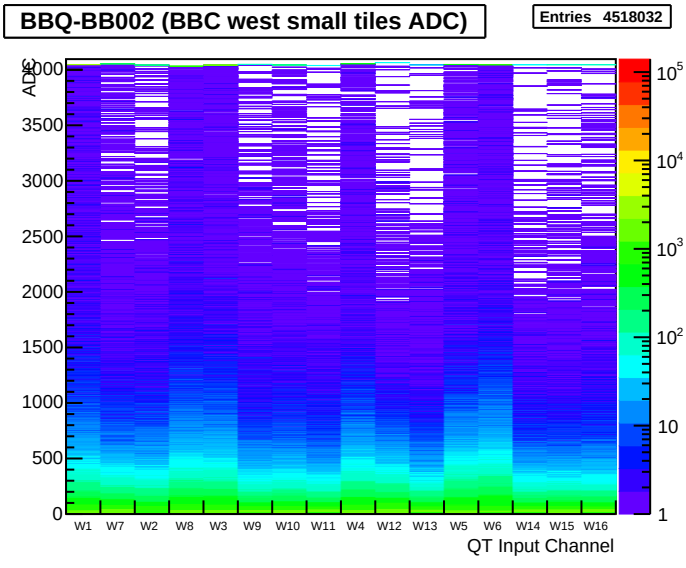

L2-TF201
Entries 0
TOF total mult(Real-Simu)

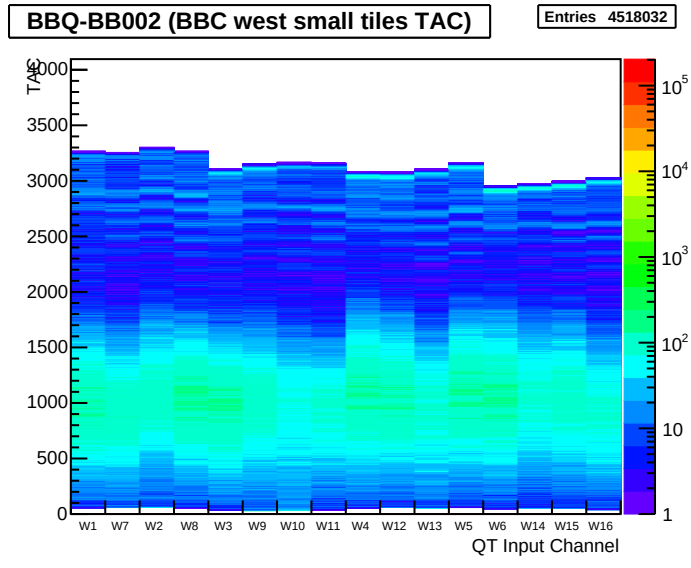

L2-TF201
Entries 1976639
Threshold/UPC bits
248596
251823
248846
250411
249367
246626
270342
33781
30554
33531
31966
33010
35751
12035
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

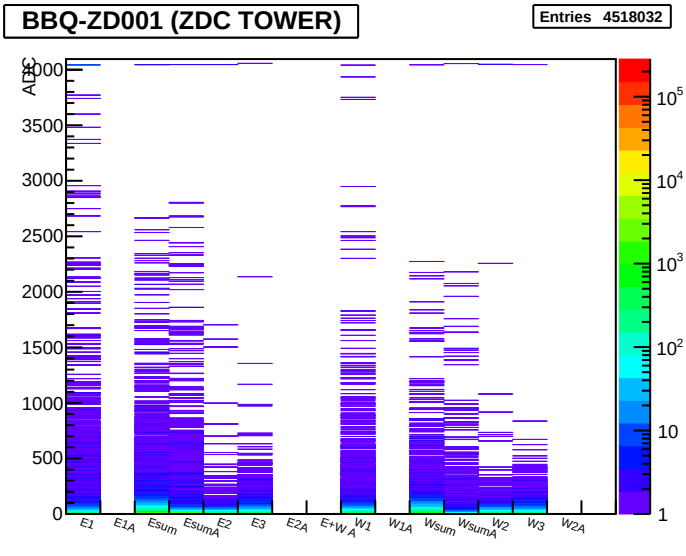

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

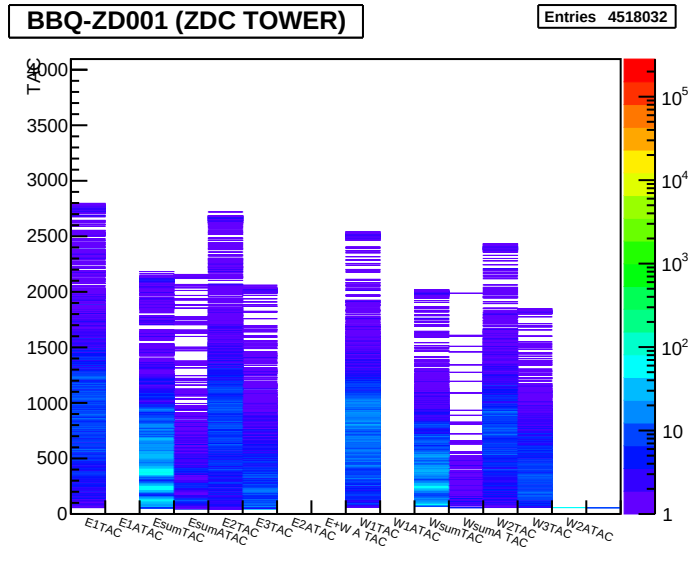

BBQ-BB001 (BBC east small tiles ADC)
Entries 4518032
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

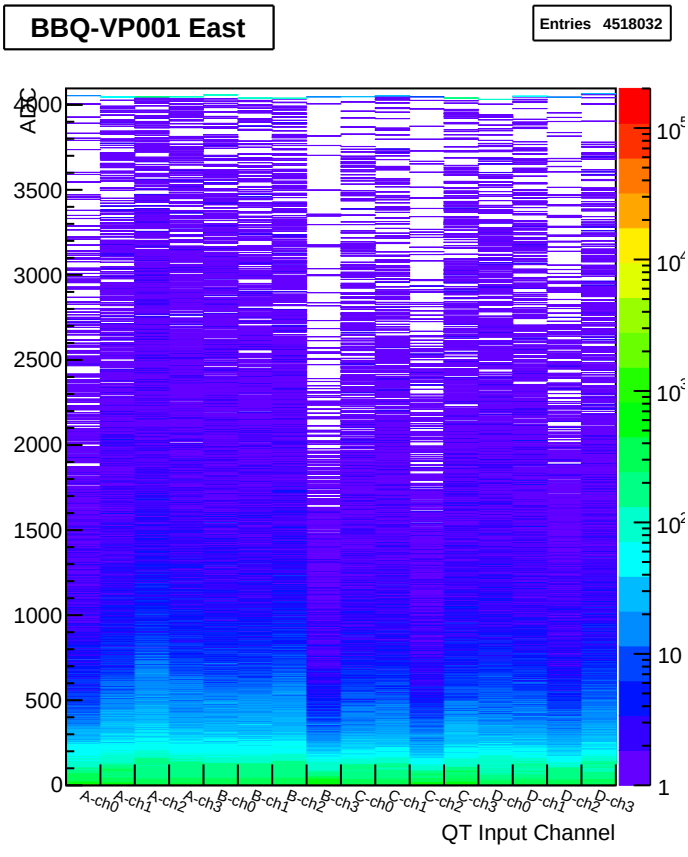

BBQ-BB001 (BBC east small tiles TAC)
Entries 4518032
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

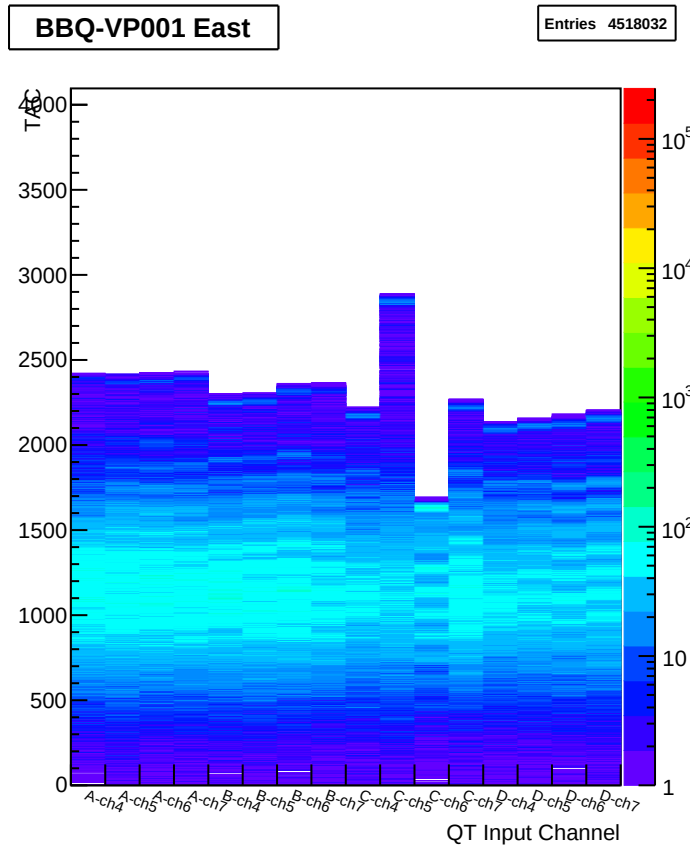

BBQ-BB002 (BBC west small tiles ADC)
Entries 4518032
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

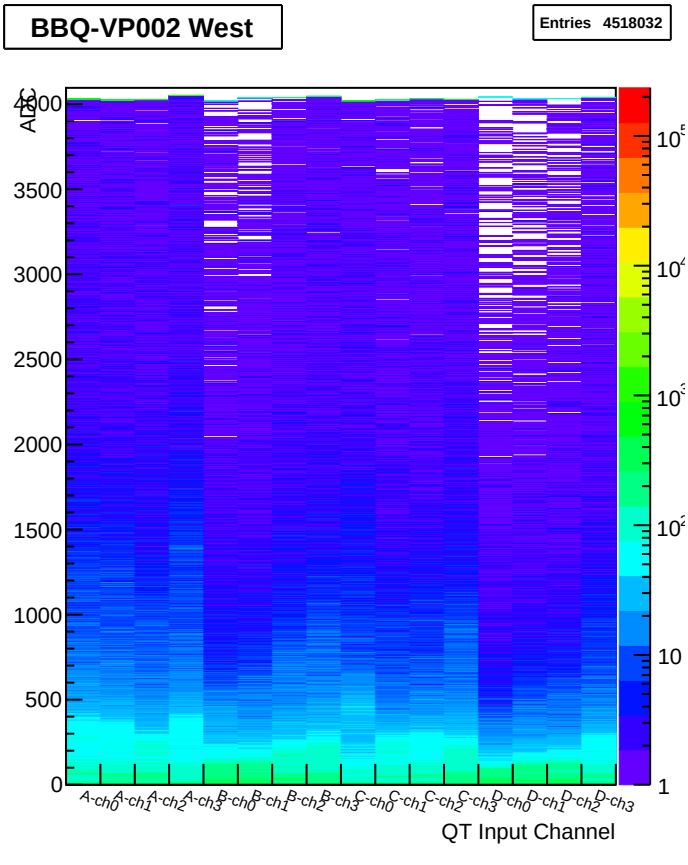

BBQ-BB002 (BBC west small tiles TAC)
Entries 4518032
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

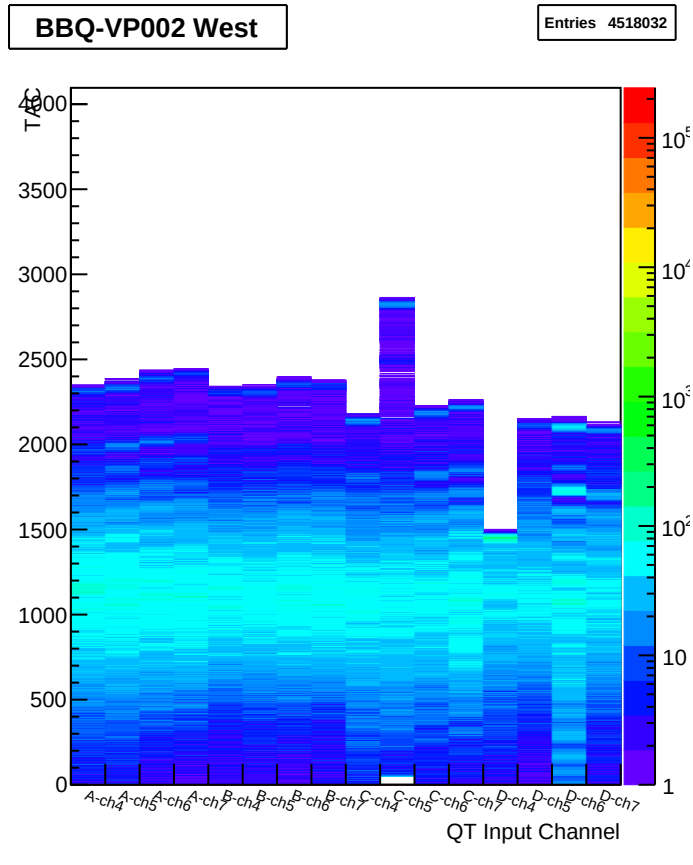

BBQ-ZD001 (ZDC TOWER)
Entries 4518032
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

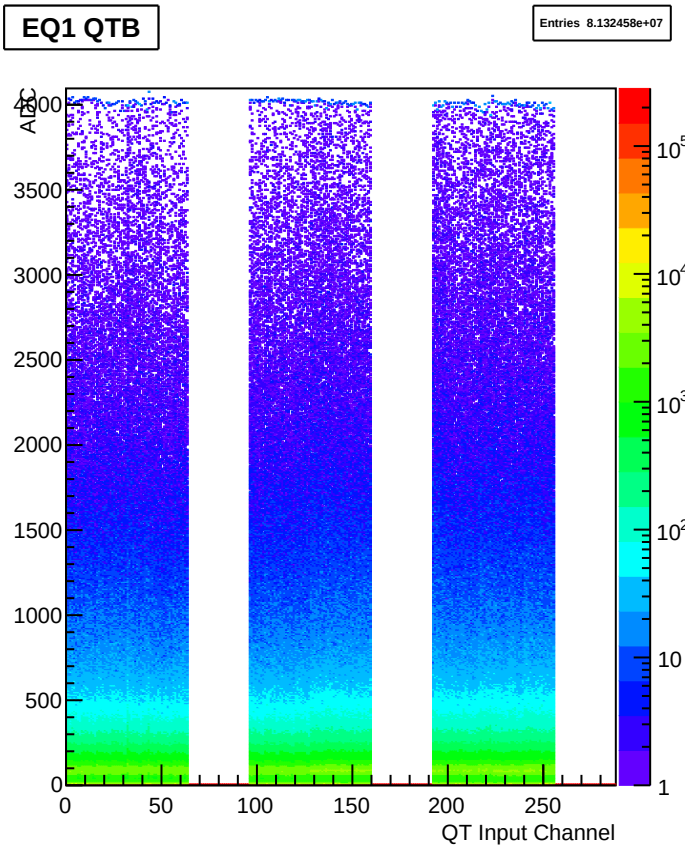

BBQ-ZD001 (ZDC TOWER)
Entries 4518032
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

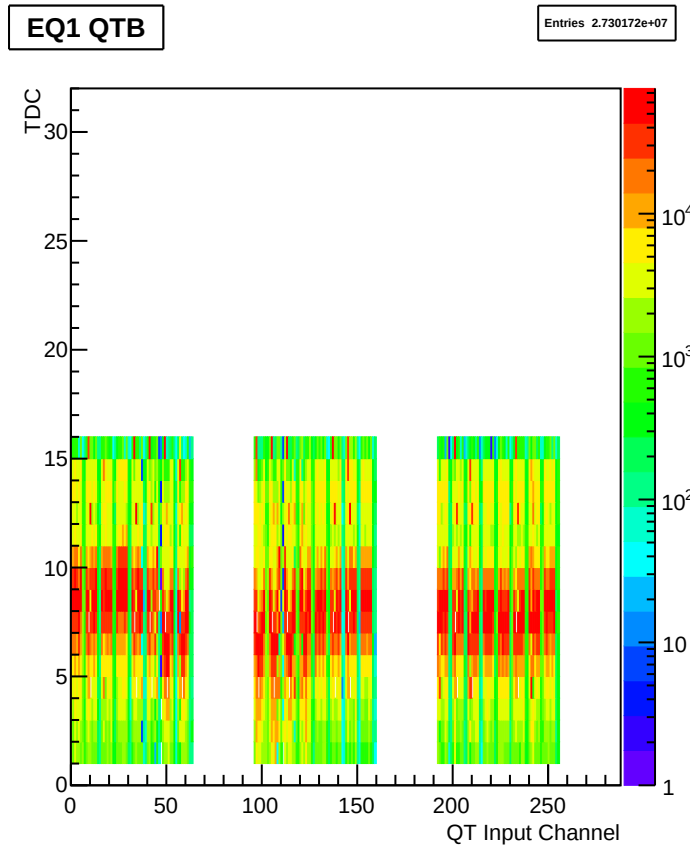

BBQ-VP001 East
Entries 4518032
ADC
QT Input Channel

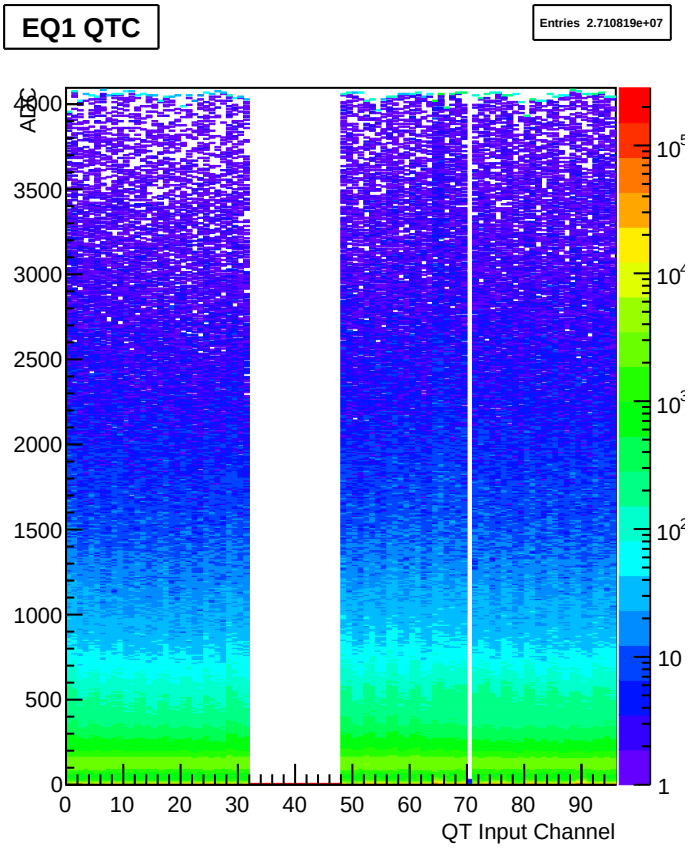

BBQ-VP001 East
Entries 4518032
TADC
QT Input Channel

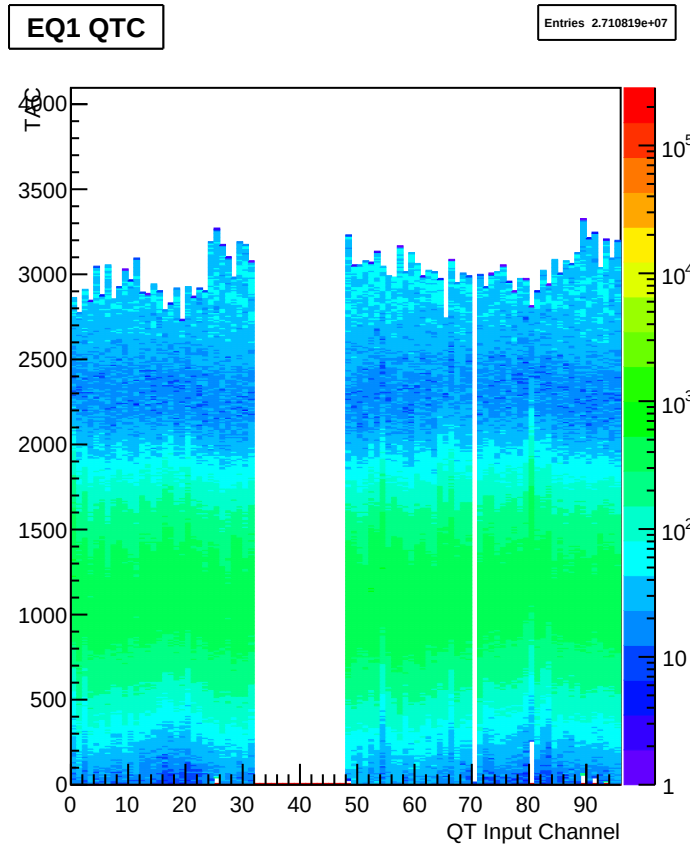

BBQ-VP002 West
Entries 4518032
ADC
QT Input Channel

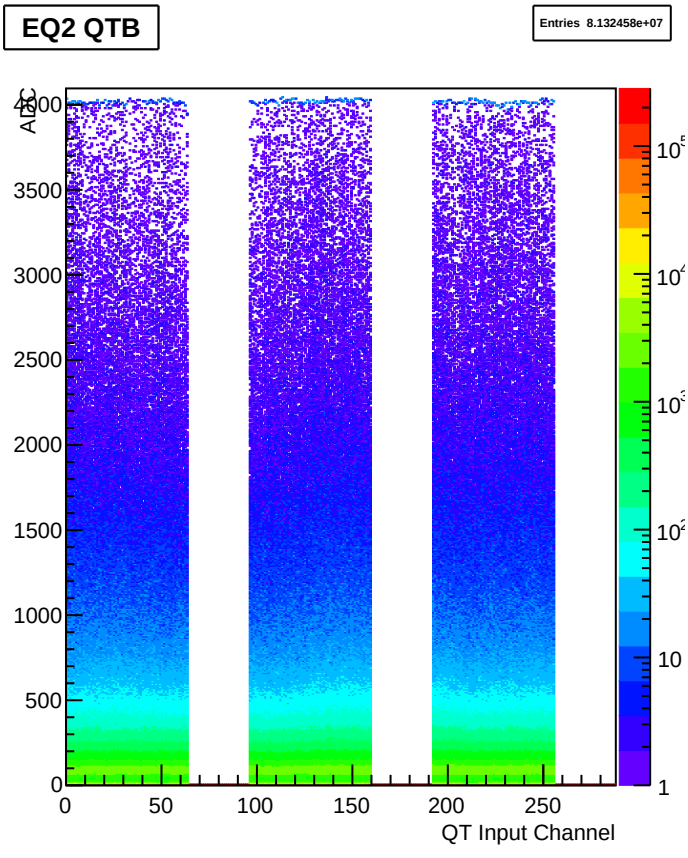

BBQ-VP002 West
Entries 4518032
TADC
QT Input Channel

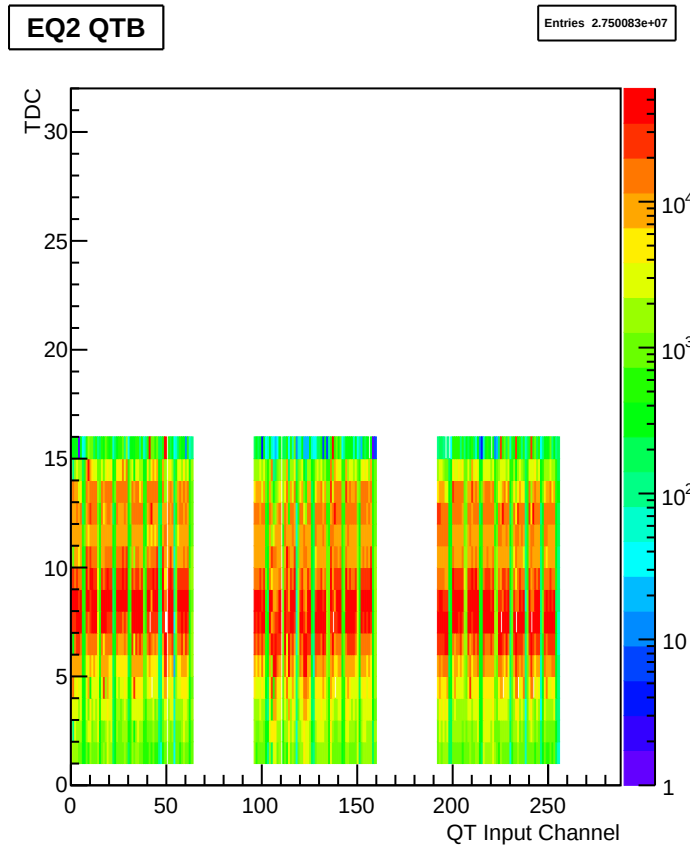

EQ1 QTB
Entries 8.132458e+07
ADC
QT Input Channel

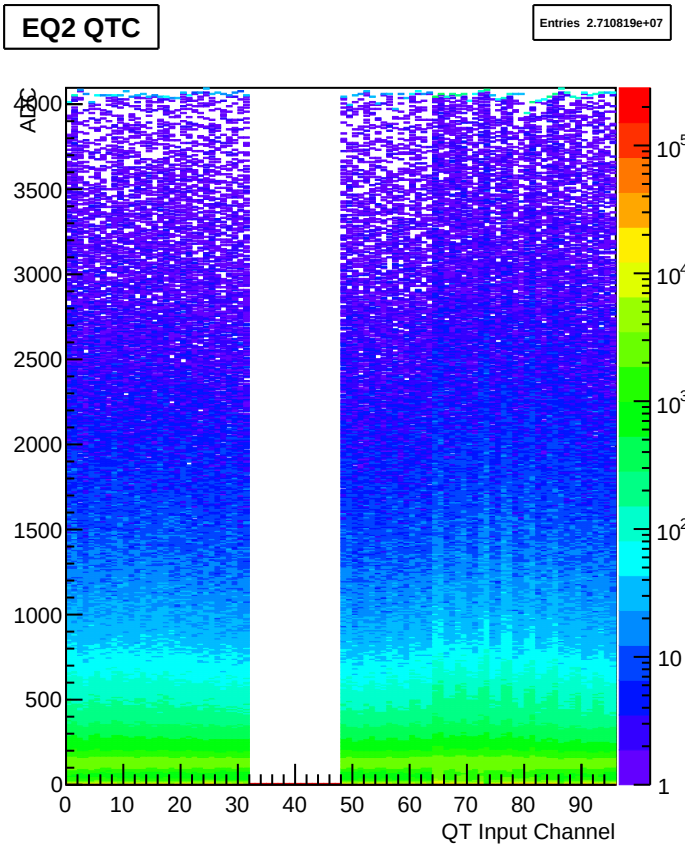

EQ1 QTB
Entries 2.730172e+07
TDC
QT Input Channel

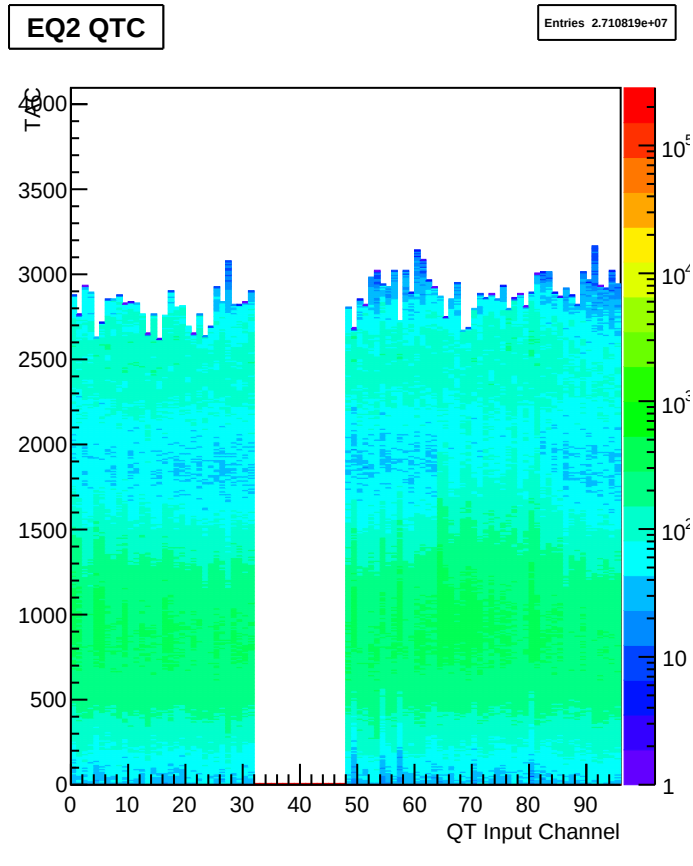

EQ1 QTC
Entries 2.710819e+07
ADC
QT Input Channel

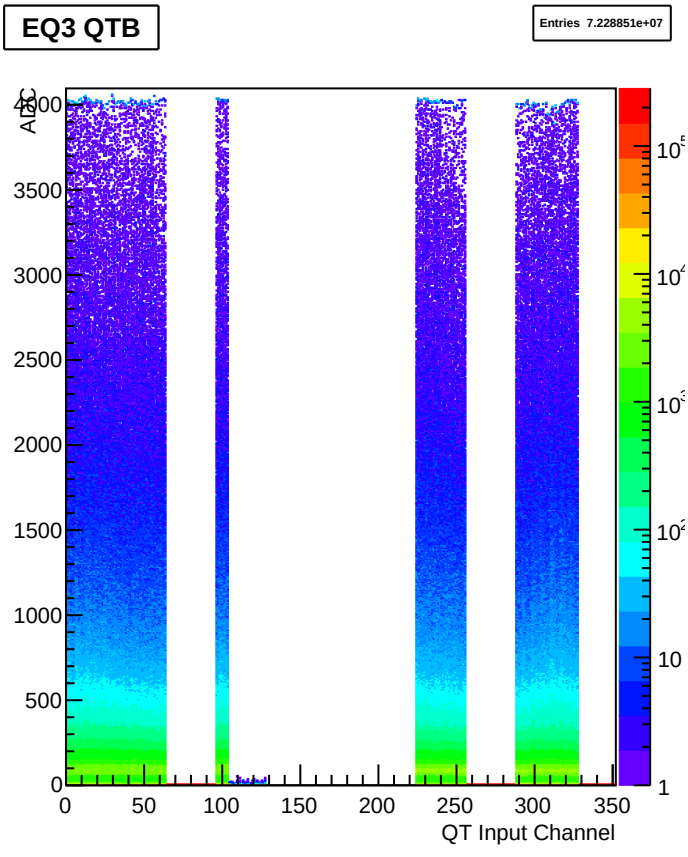

EQ1 QTC
Entries 2.710819e+07
TADC
QT Input Channel

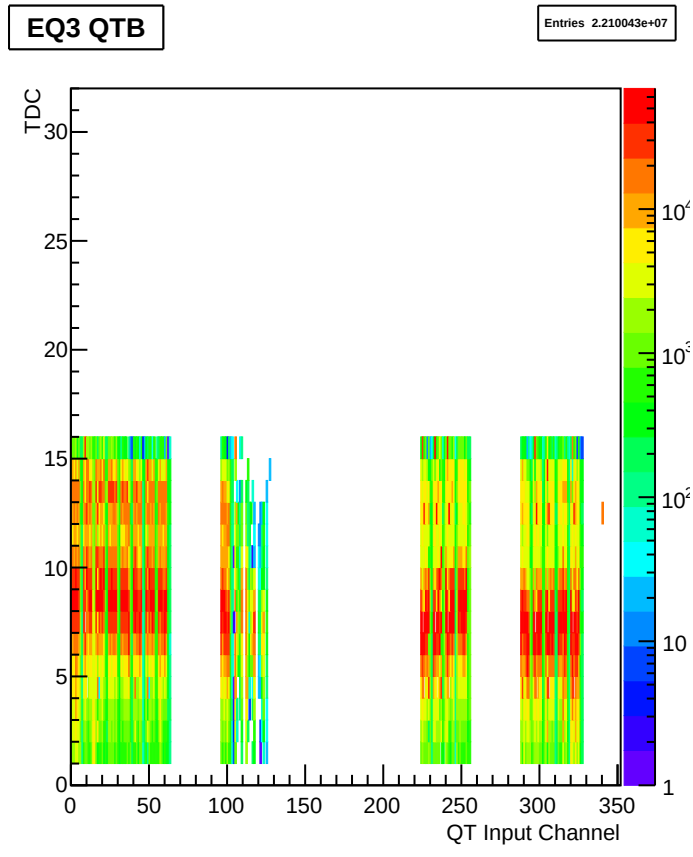

EQ2 QTB
Entries 8.132458e+07
ADC
QT Input Channel

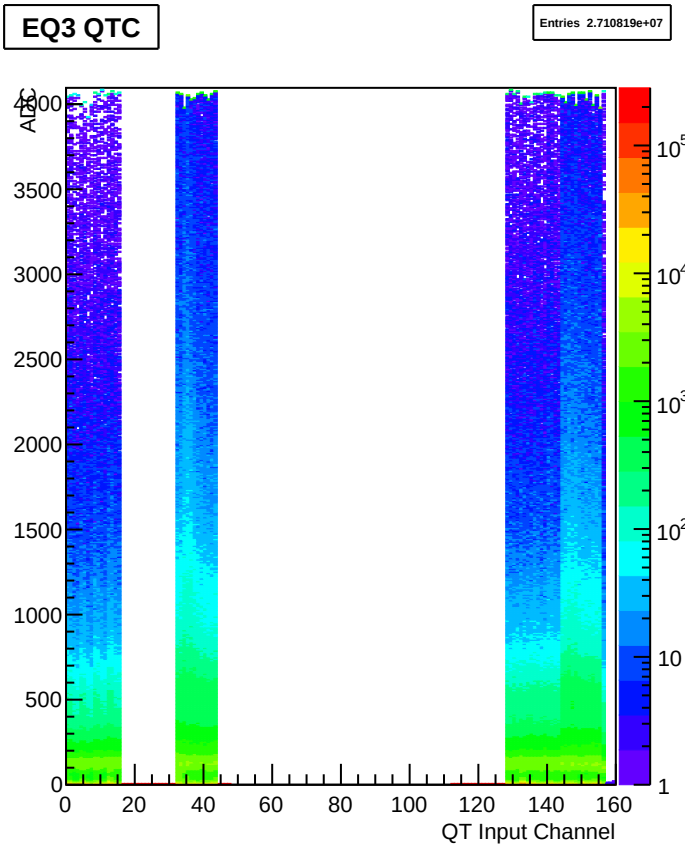

EQ2 QTB
Entries 2.750083e+07
TDC
QT Input Channel

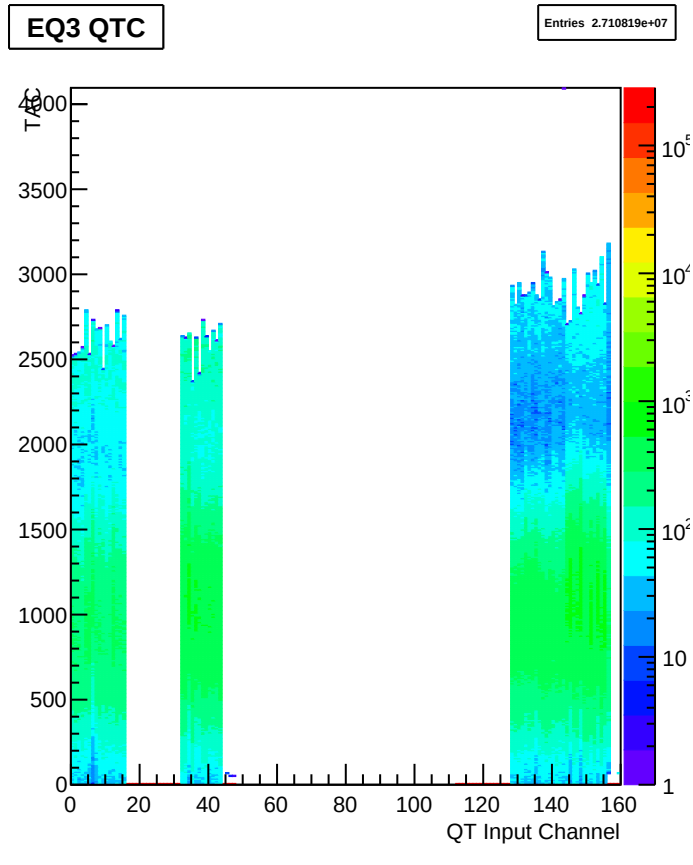

EQ2 QTC
Entries 2.710819e+07
ADC
QT Input Channel

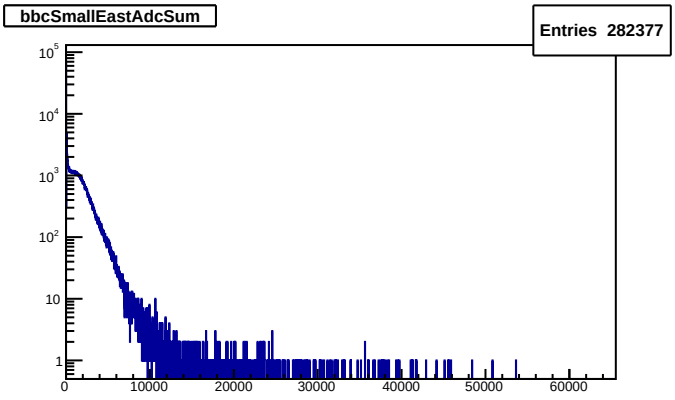

EQ2 QTC
Entries 2.710819e+07
TADC
QT Input Channel

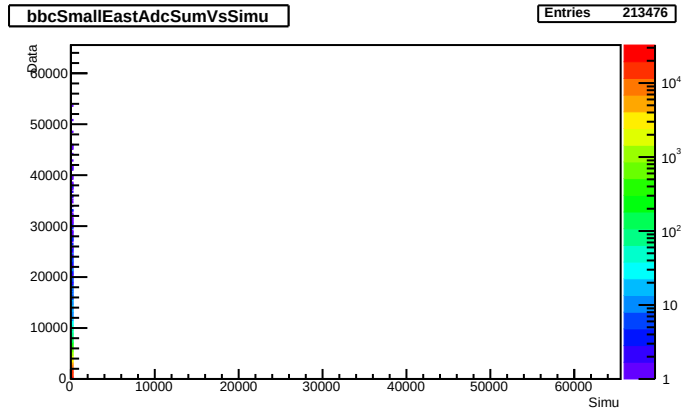

EQ3 QTB
Entries 7.228851e+07
ADC
QT Input Channel

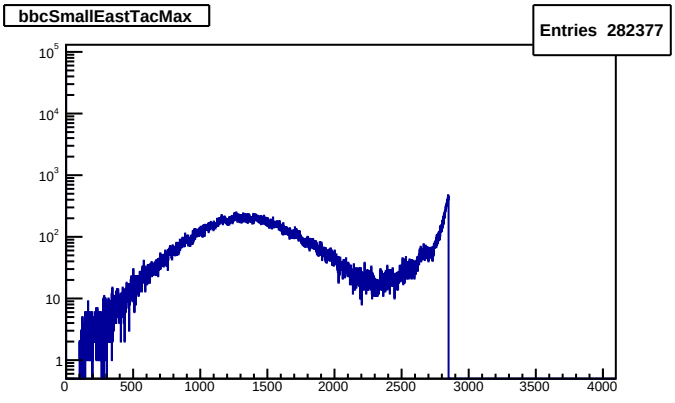

EQ3 QTB
Entries 2.210043e+07
TDC
QT Input Channel

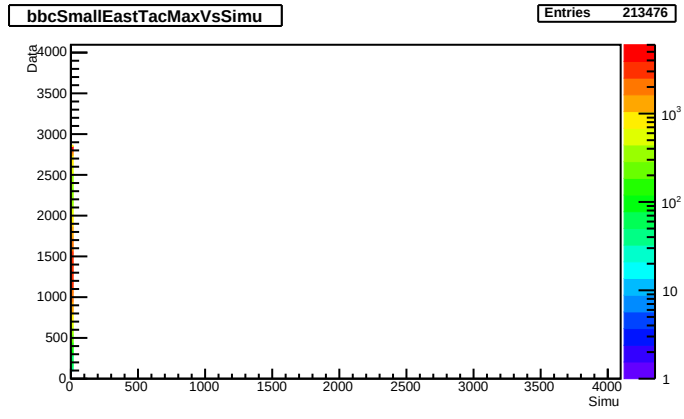

EQ3 QTC
Entries 2.710819e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.710819e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 282377


bbcSmallEastAdcSumVsSimu
Entries 213476
Data
Simu


bbcSmallEastTacMax
Entries 282377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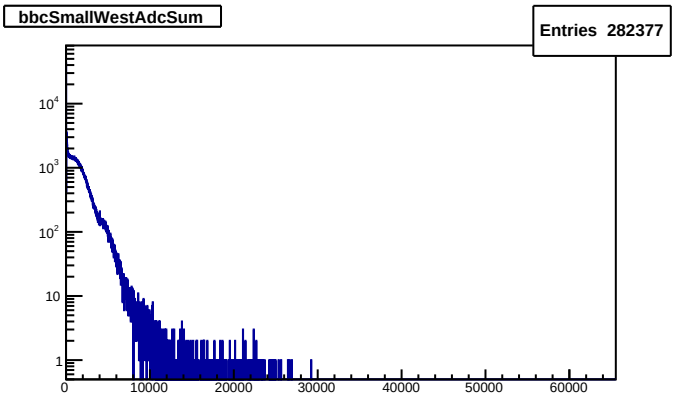
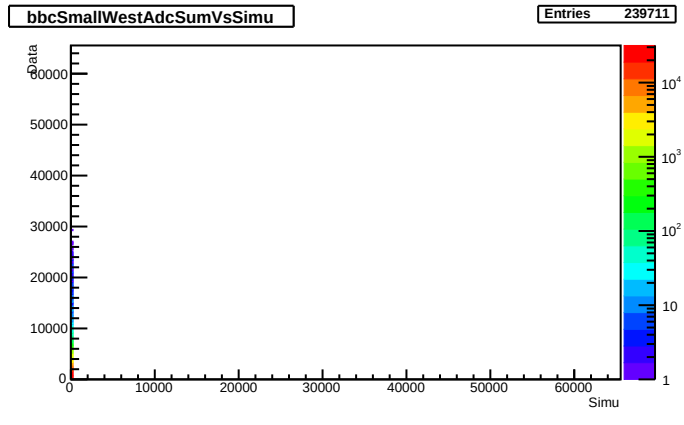
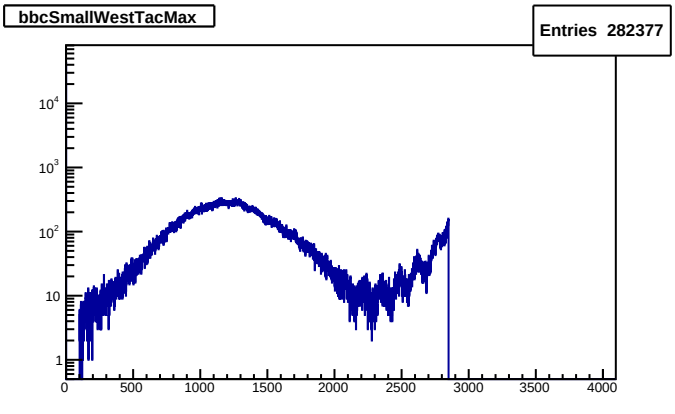
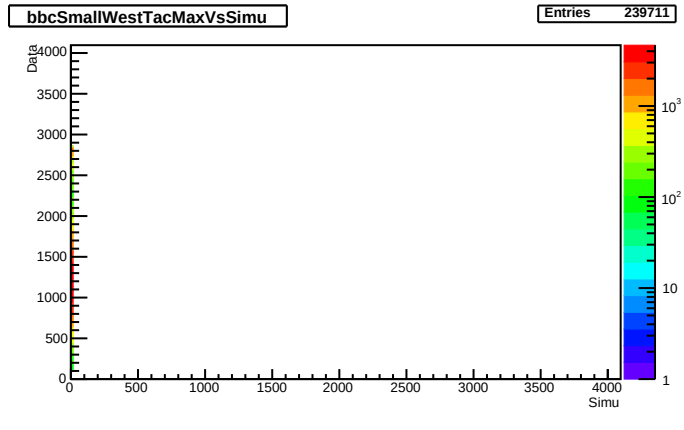
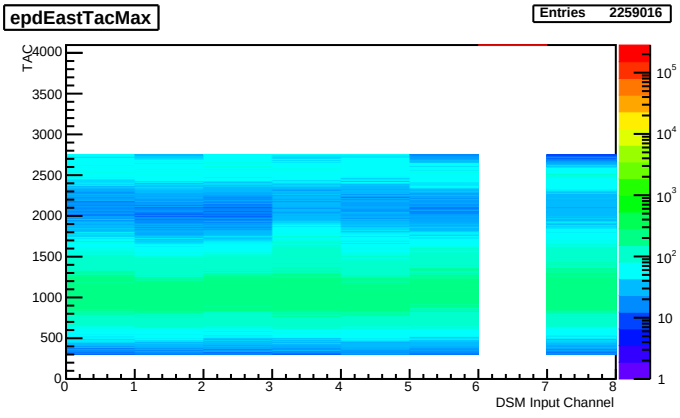
Entries 213476
Data
Simu

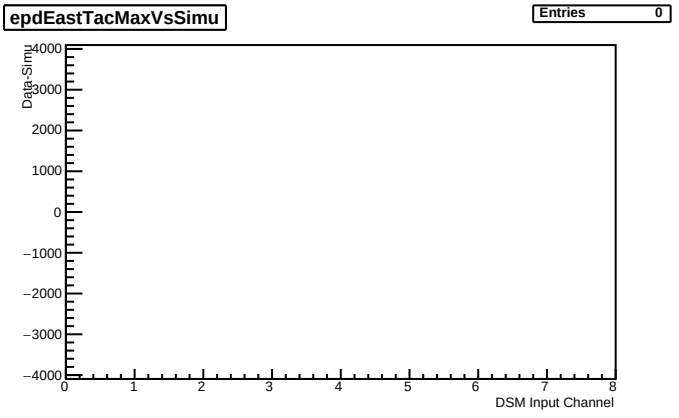

bbcSmallWestAdcSum
Entries 282377

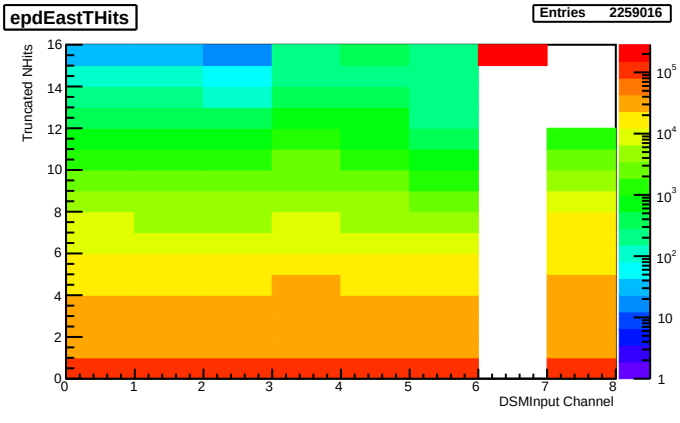

bbcSmallWestAdcSumVsSimu
Entries 239711
Data
Simu

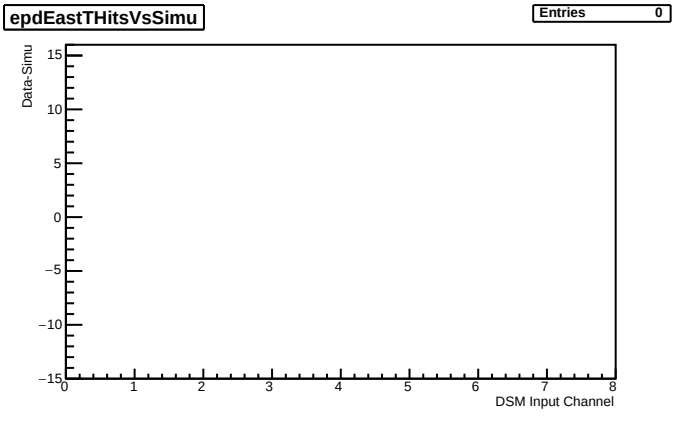

bbcSmallWestTacMax
Entries 282377


bbcSmallWestTacMaxVsSimu
Entries 239711
Data
Simu


epdEastTacMax
Entries 2259016
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2259016
Truncated NHits
DSMInput Channel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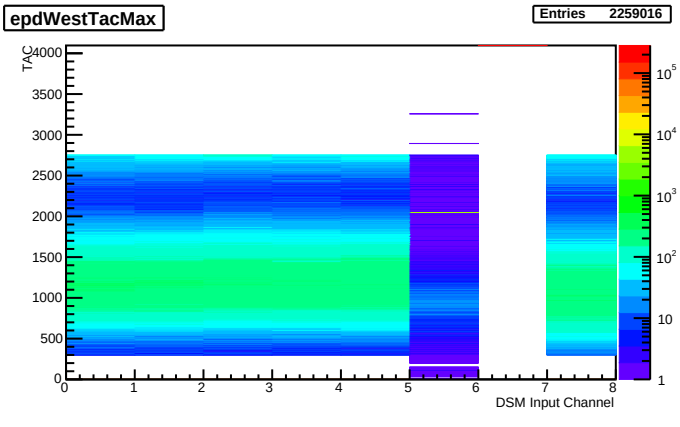
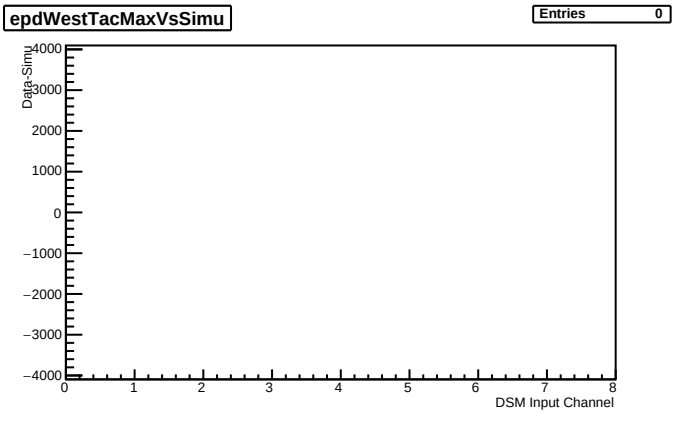
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2259016
TAC
DSM Input Channel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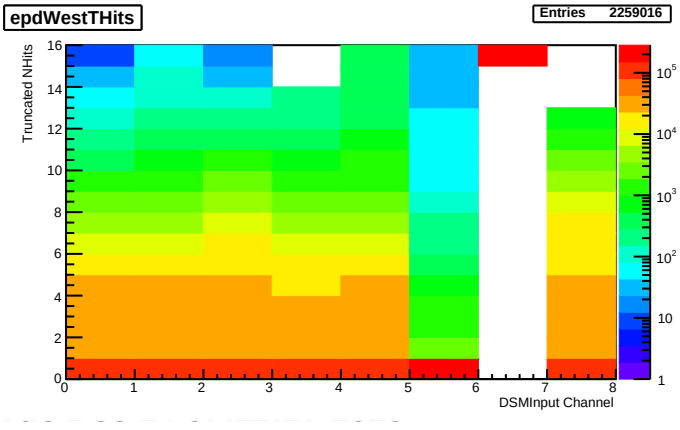
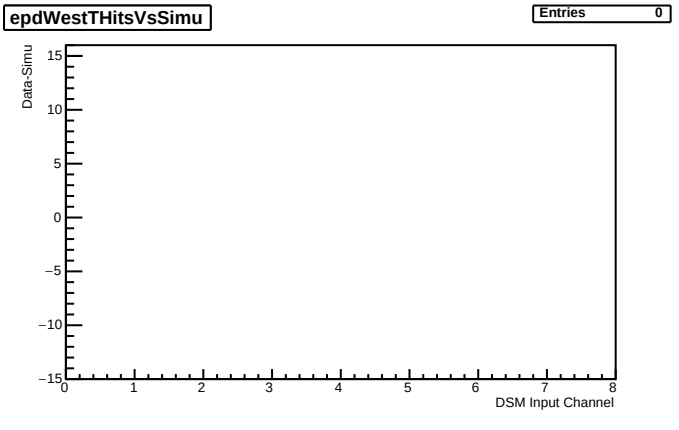
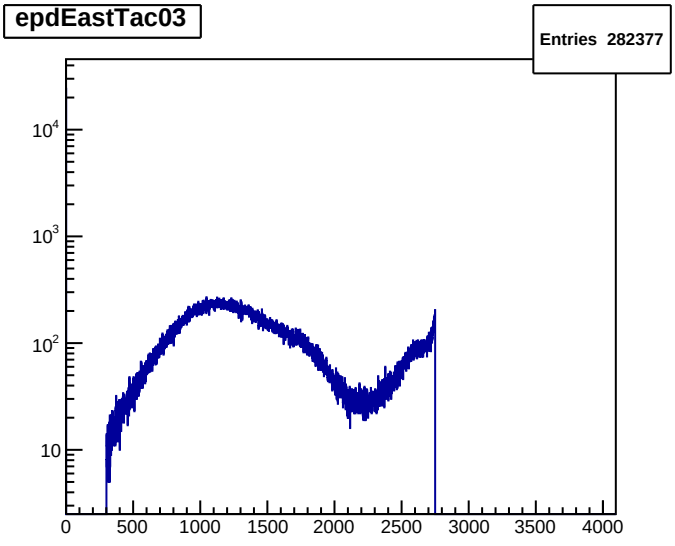
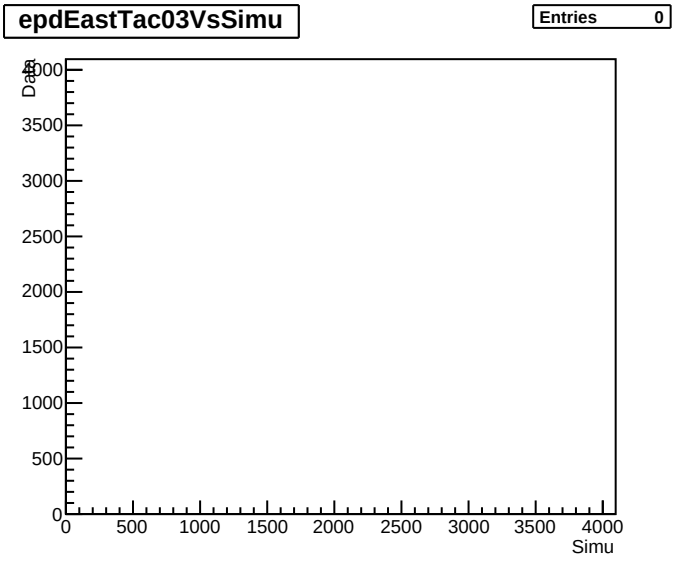
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2259016
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 282377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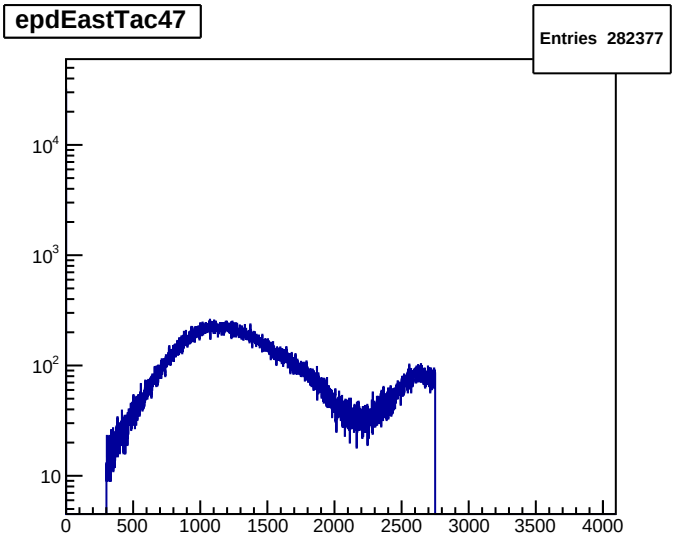
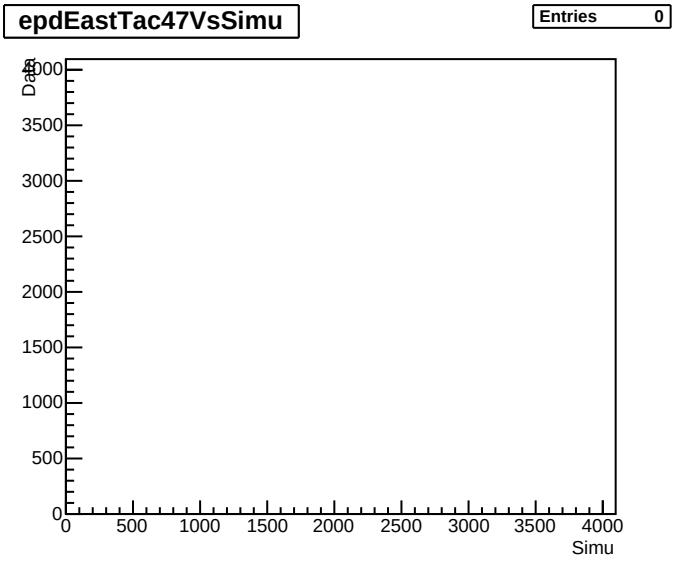
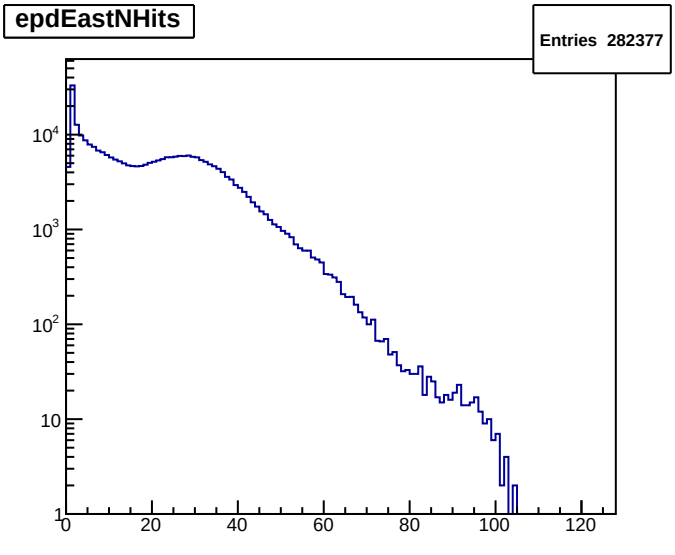
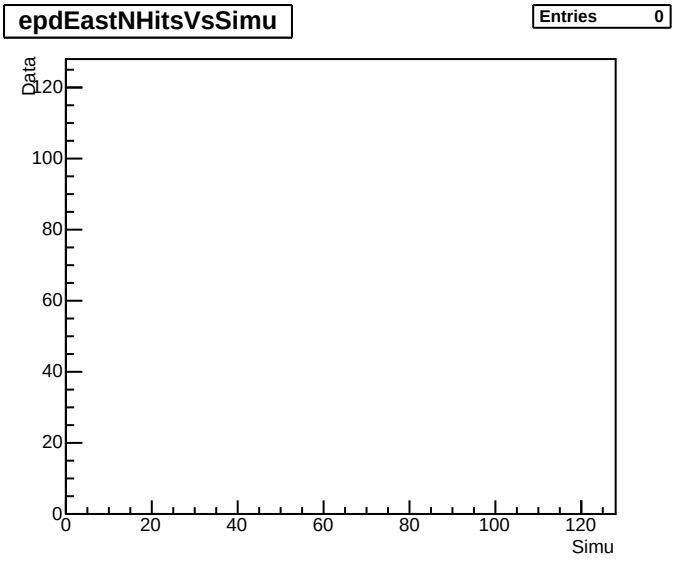
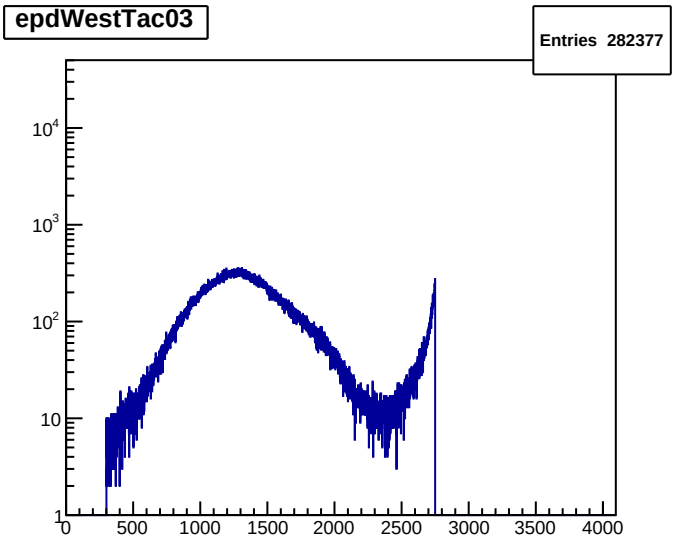
Entries 0
Data
Simu

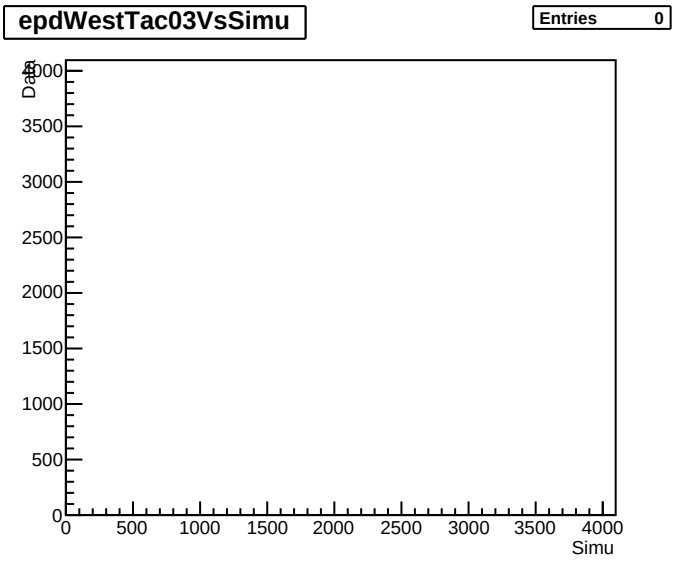

epdEastTac47
Entries 282377


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 282377


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 282377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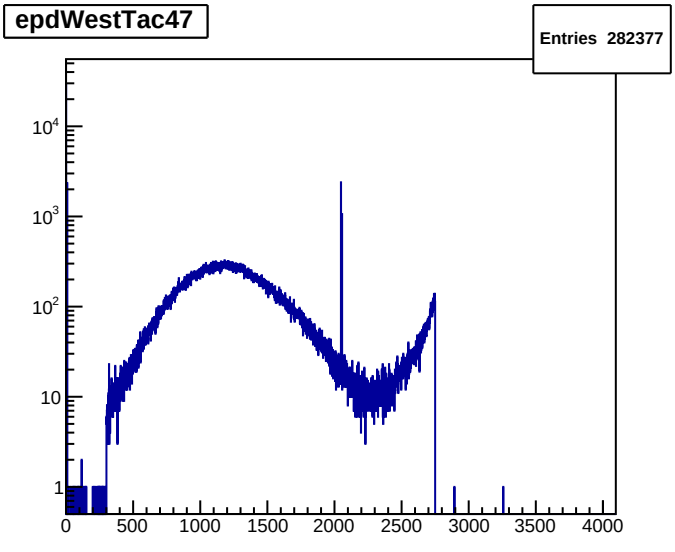
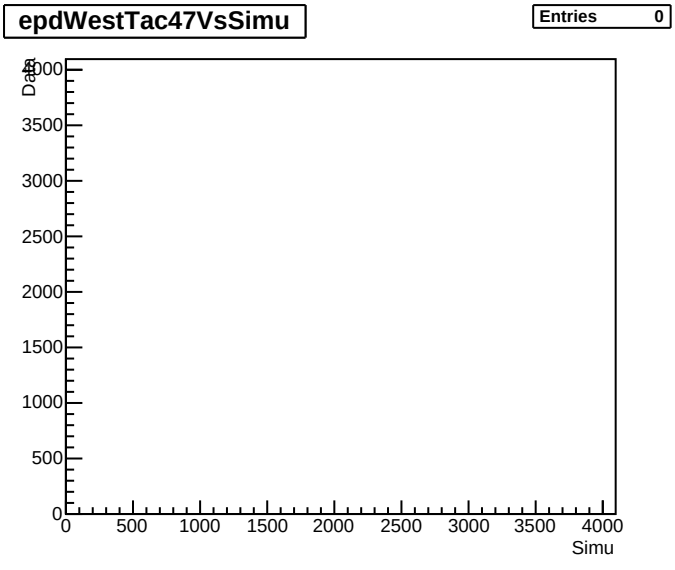
Entries 0
Data
Simu


epdWestTac47
Entries 282377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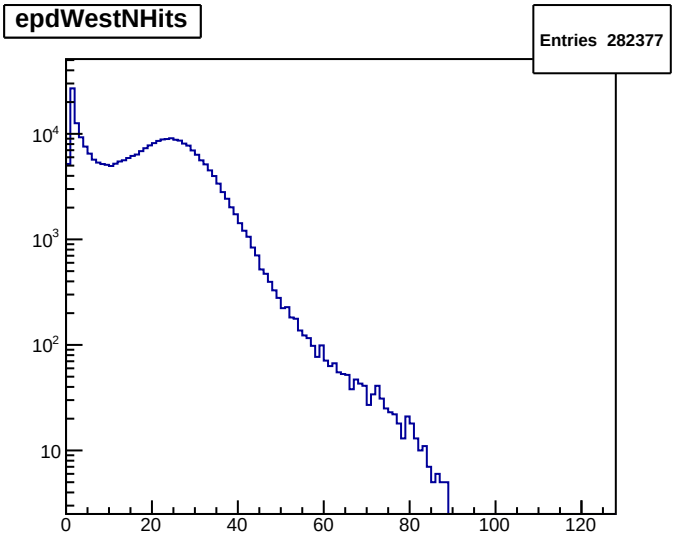
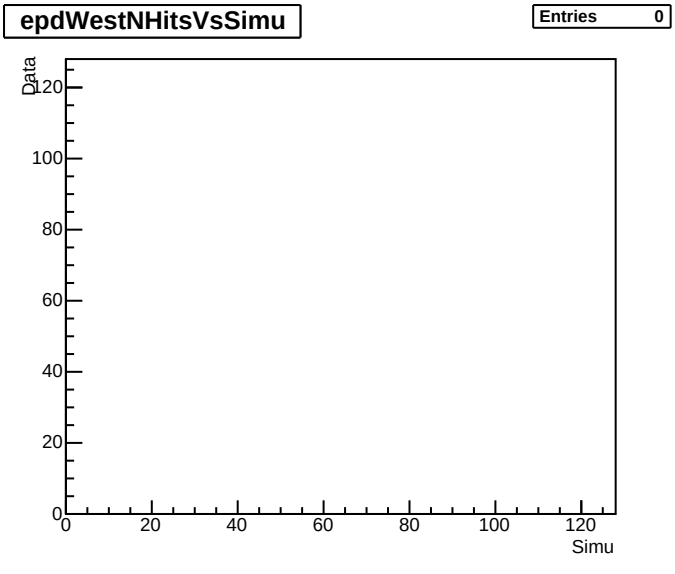
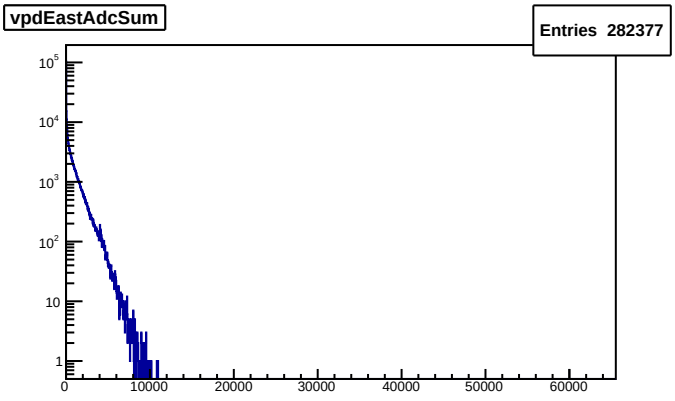
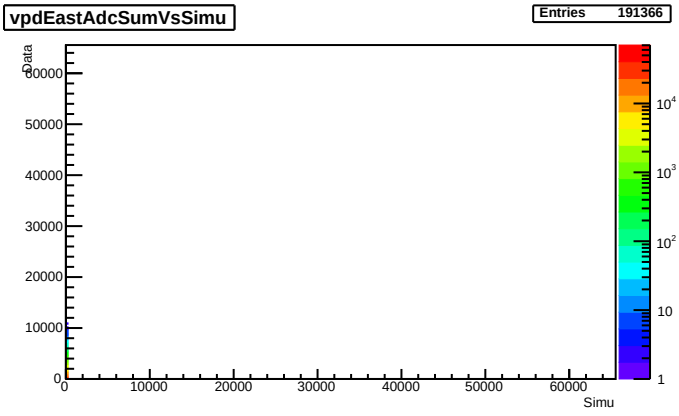
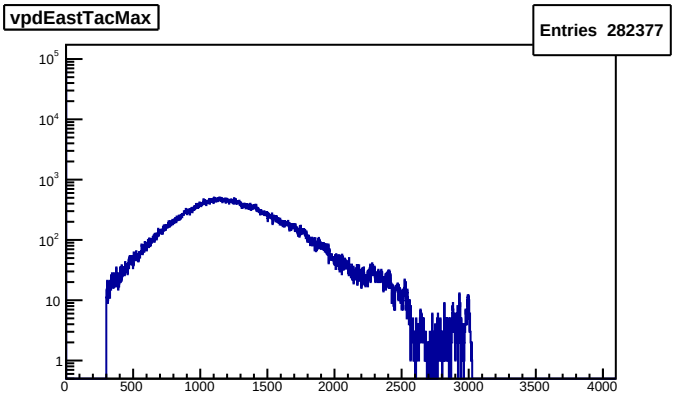
Entries 0
Data
Simu

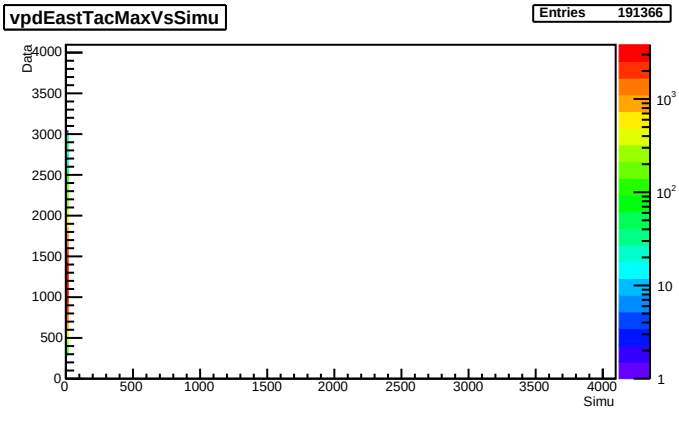

epdWestNHits
Entries 282377

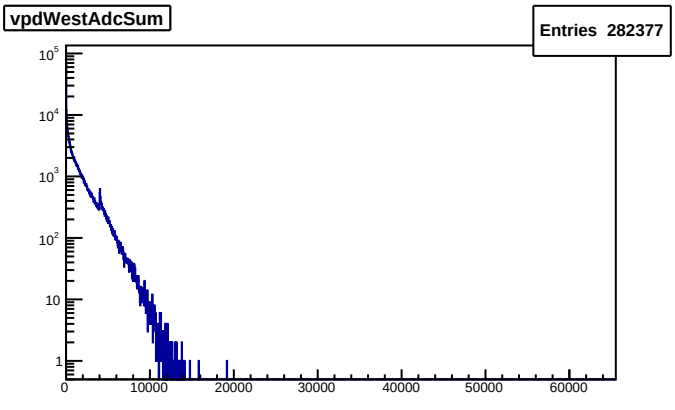

epdWestNHitsVsSimu
Entries 0
Data
Simu

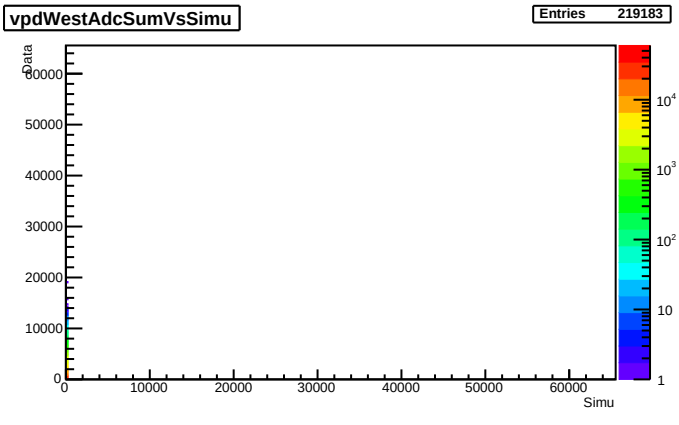

vpdEastAdcSum
Entries 282377

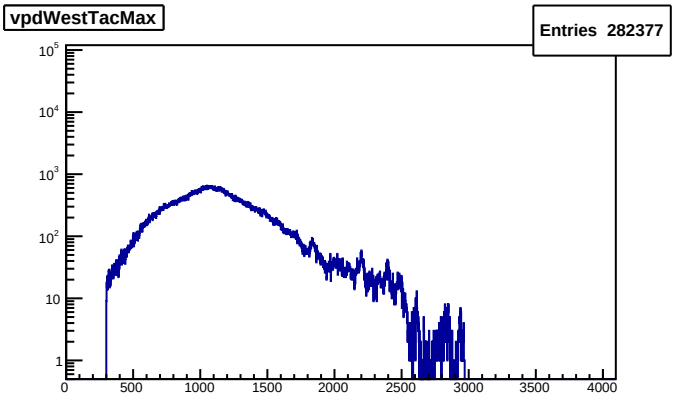

vpdEastAdcSumVsSimu
Entries 191366
Data
Simu

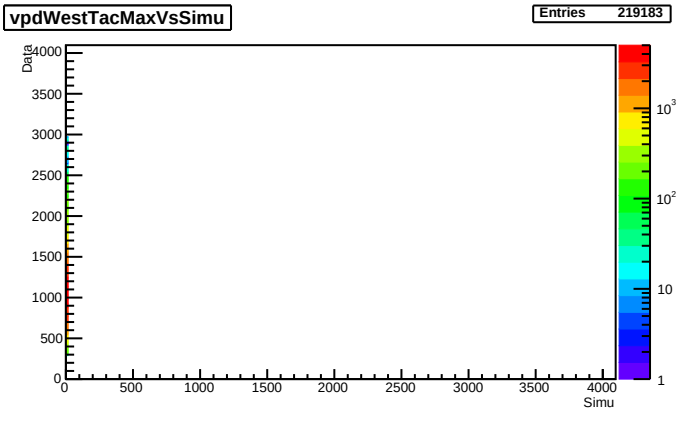

vpdEastTacMax
Entries 282377

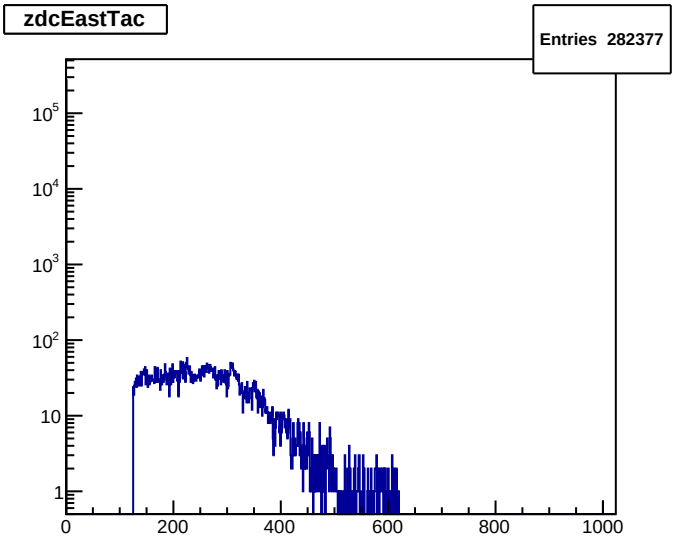

vpdEastTacMaxVsSimu
Entries 191366
Data
Simu

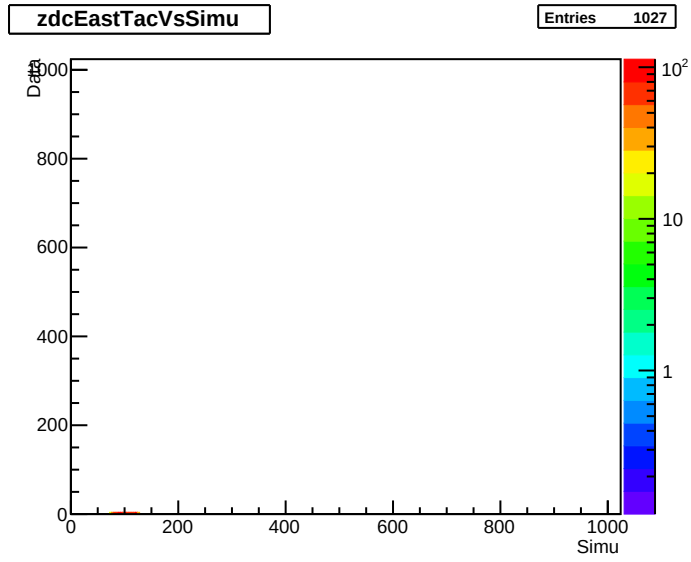

vpdWestAdcSum
Entries 282377

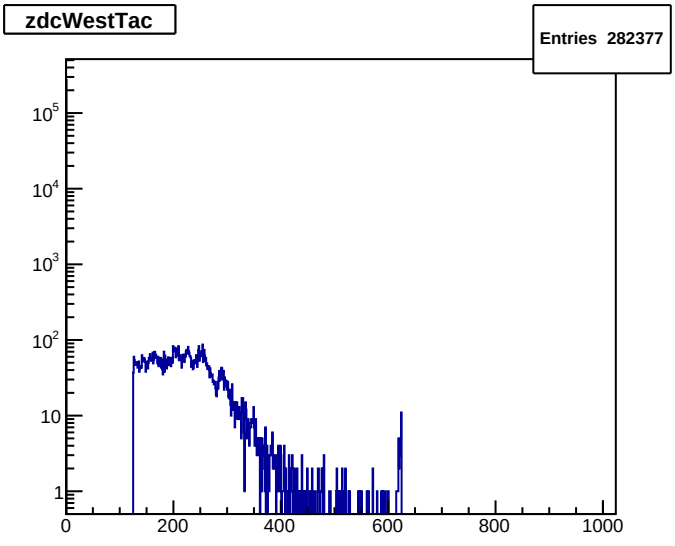

vpdWestAdcSumVsSimu
Entries 219183
Data
Simu

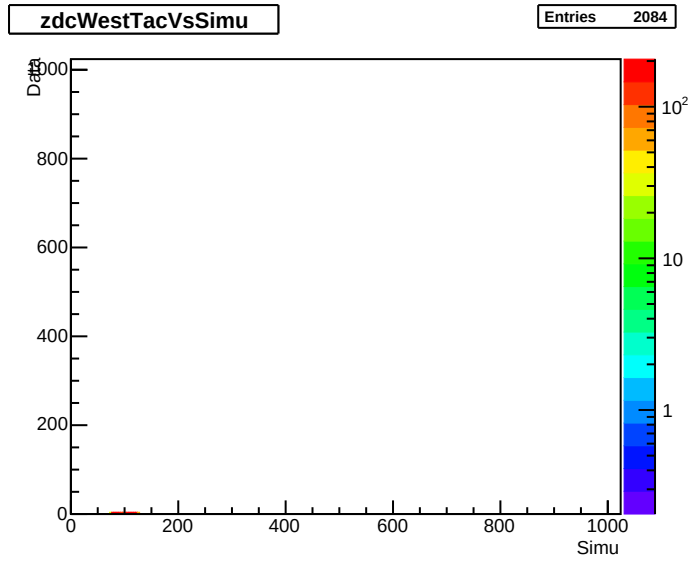

vpdWestTacMax
Entries 282377

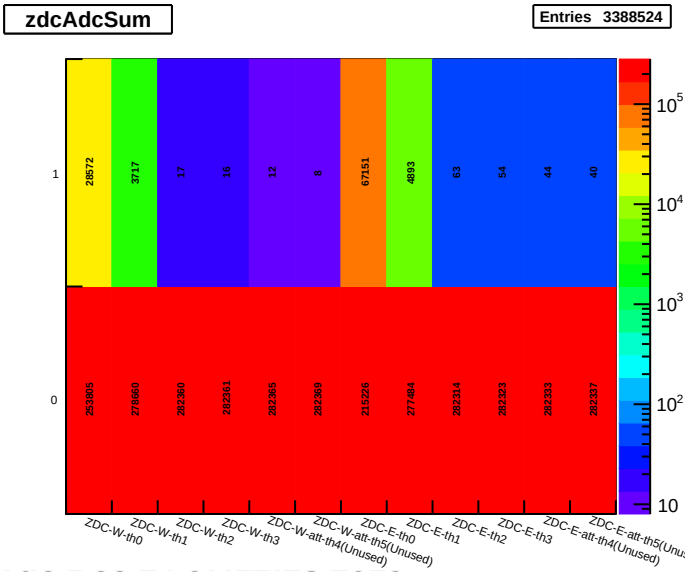

vpdWestTacMaxVsSimu
Entries 219183
Data
Simu

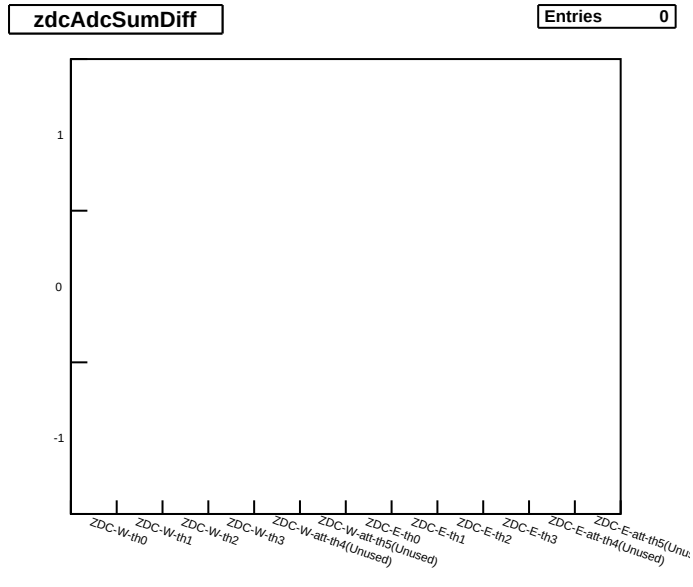

zdcEastTac
Entries 282377

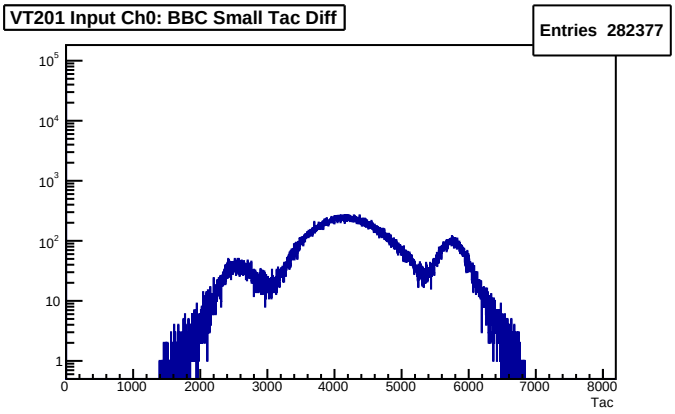

zdcEastTacVsSimu
Entries 1027
Data
Simu

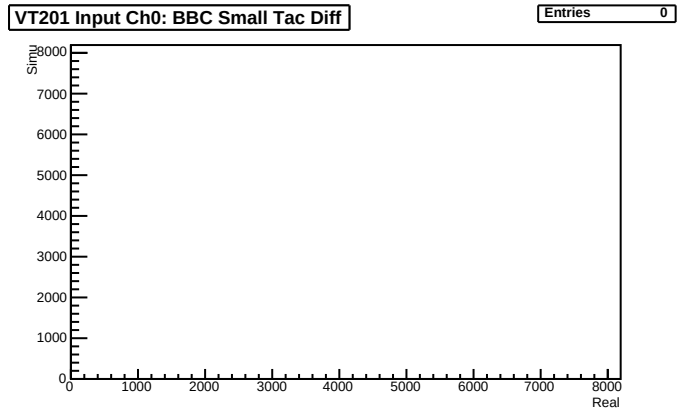

zdcWestTac
Entries 282377

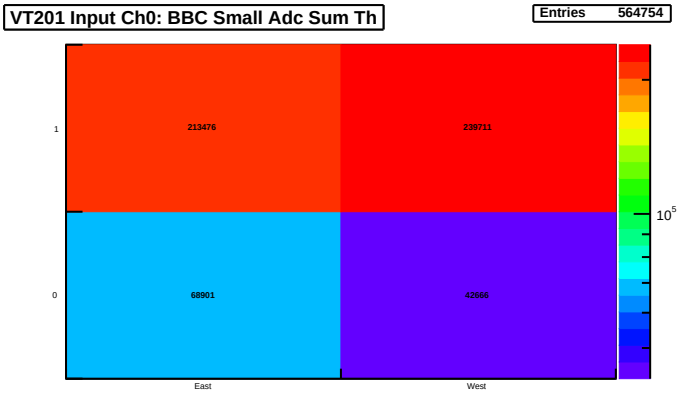

zdcWestTacVsSimu
Entries 2084
Data
Simu

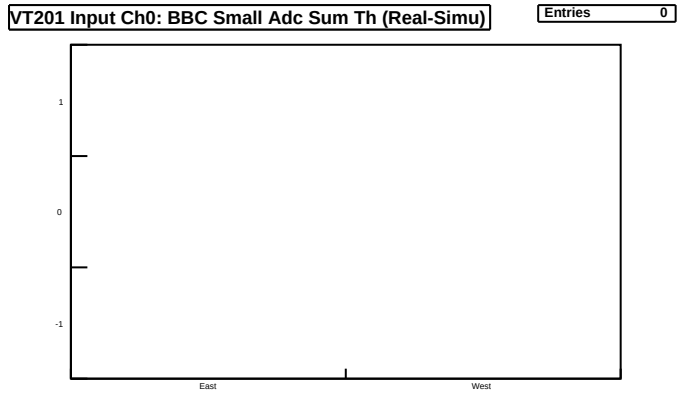

zdcAdcSum
Entries 3388524
28572
3717
17
16
12
8
67151
4893
63
54
44
40
253805
278660
282360
282361
282365
282369
215226
277484
282314
282323
282333
282337
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

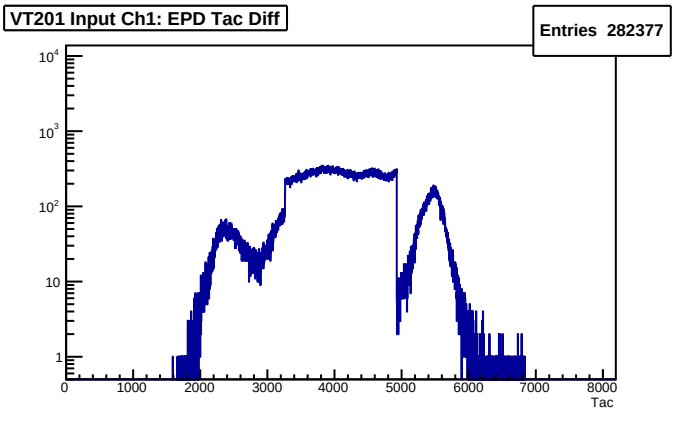

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

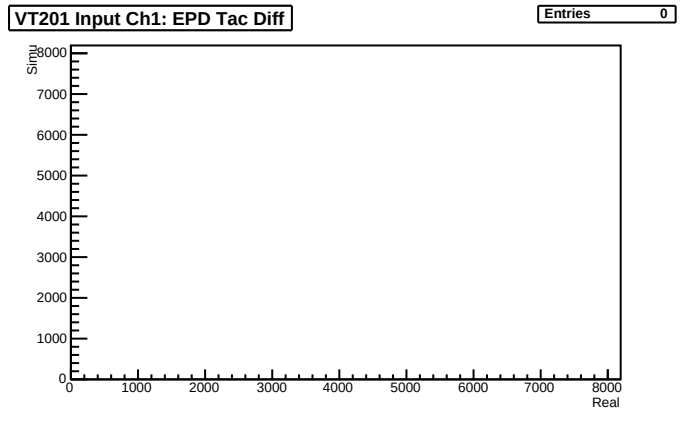

VT201 Input Ch0: BBC Small Tac Diff
Entries 282377
Tac

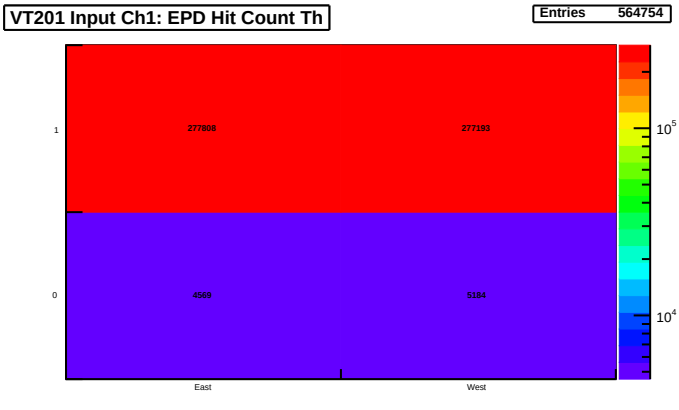

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

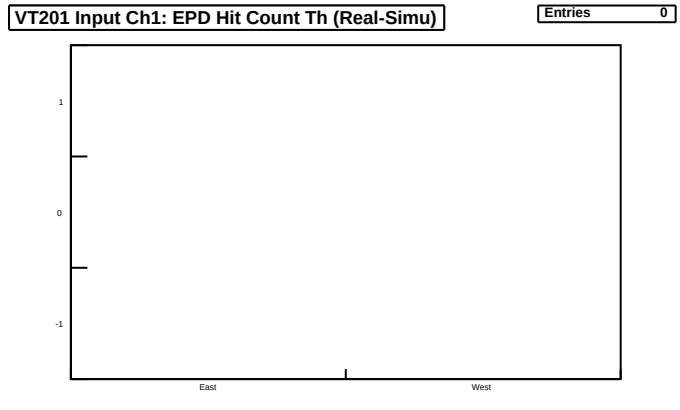

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 564754
213476
239711
68901
42666
East
West

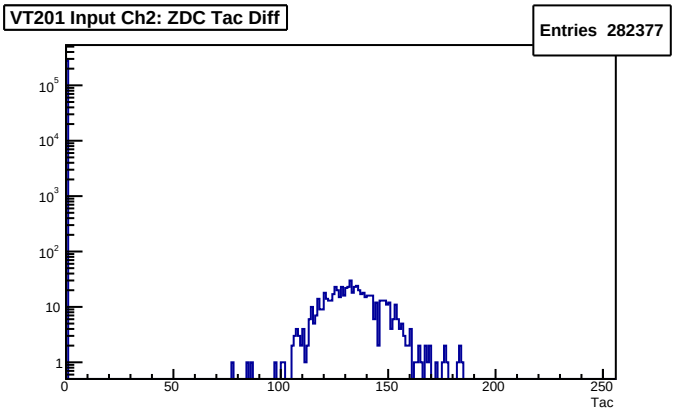

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

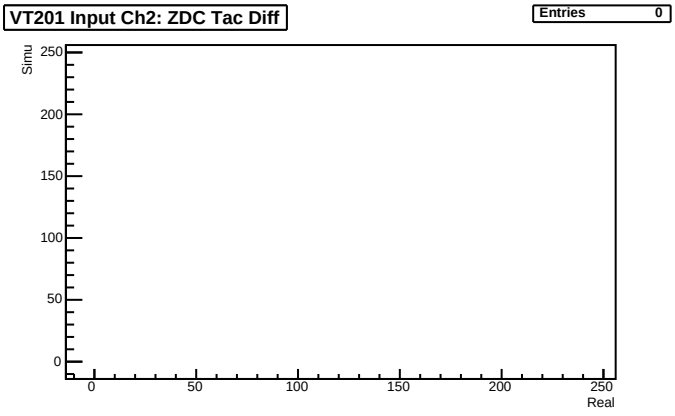

VT201 Input Ch1: EPD Tac Diff
Entries 282377
Tac

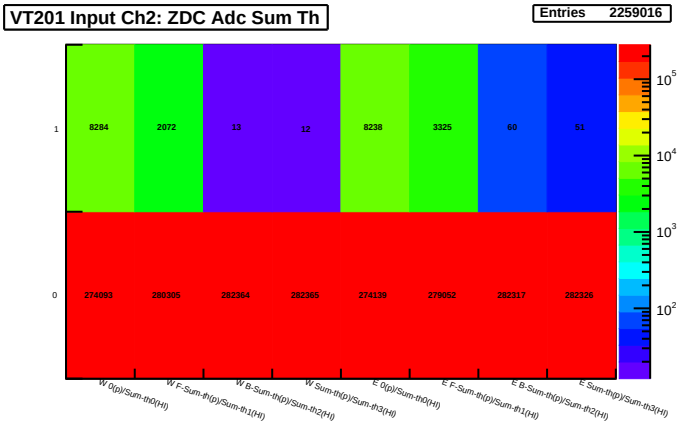

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

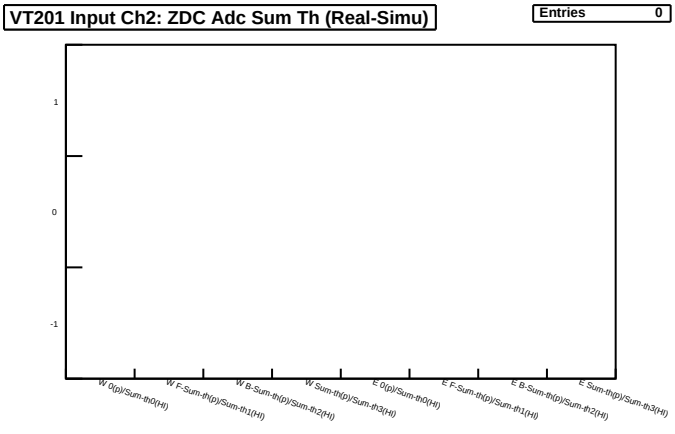

VT201 Input Ch1: EPD Hit Count Th
Entries 564754
277808
277193
4589
5184
East
West

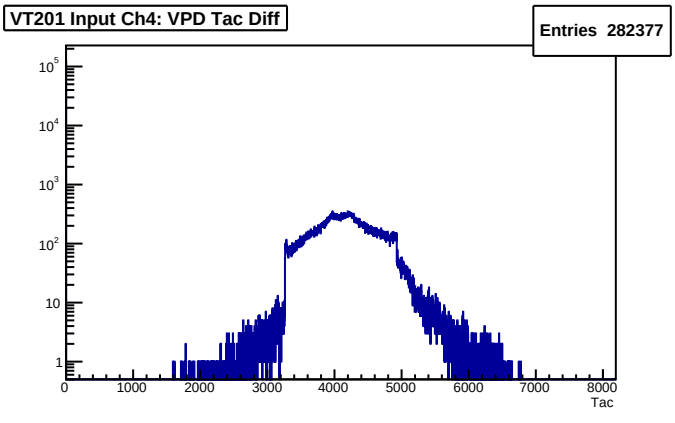

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

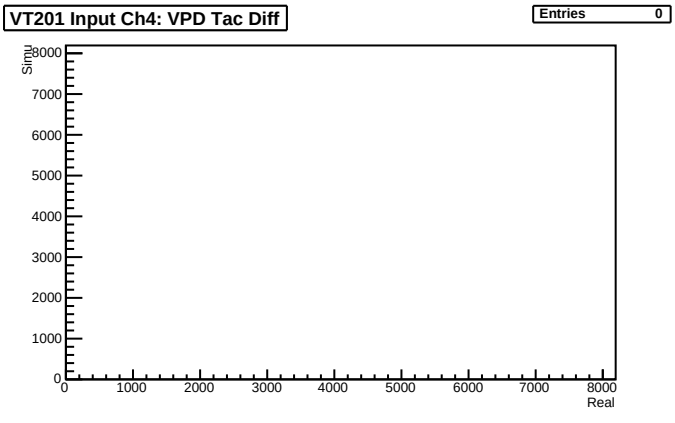

VT201 Input Ch2: ZDC Tac Diff
Entries 282377
Tac

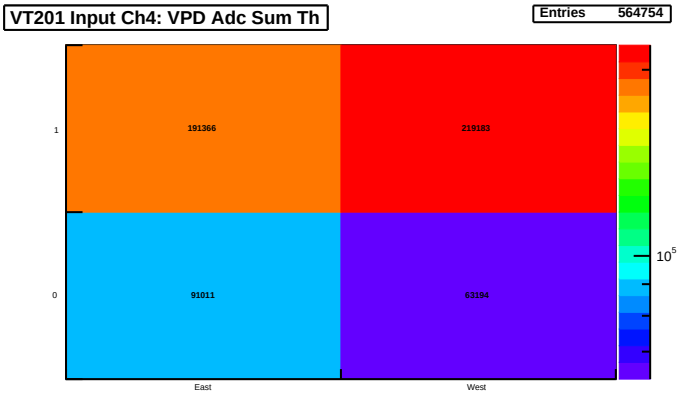

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

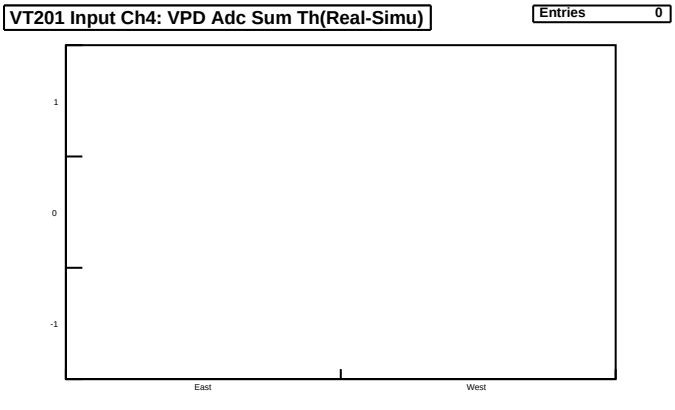

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2259016
8284
2072
13
12
8238
3325
60
51
274093
280305
282364
282365
274139
279052
282317
282326
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

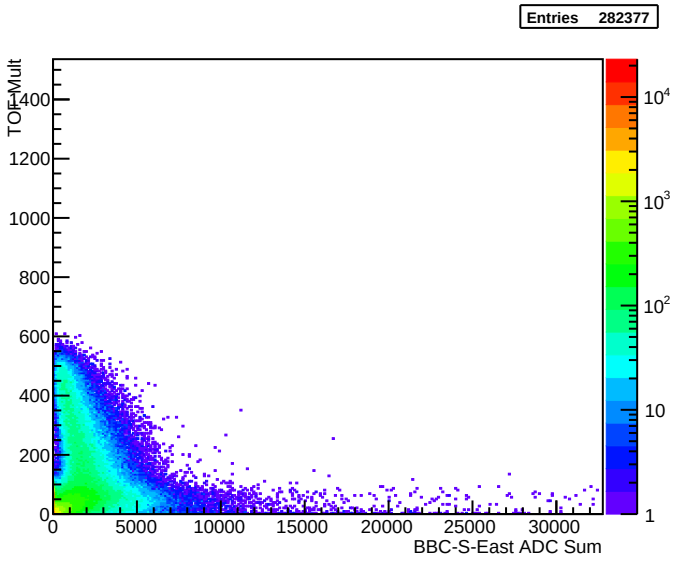

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

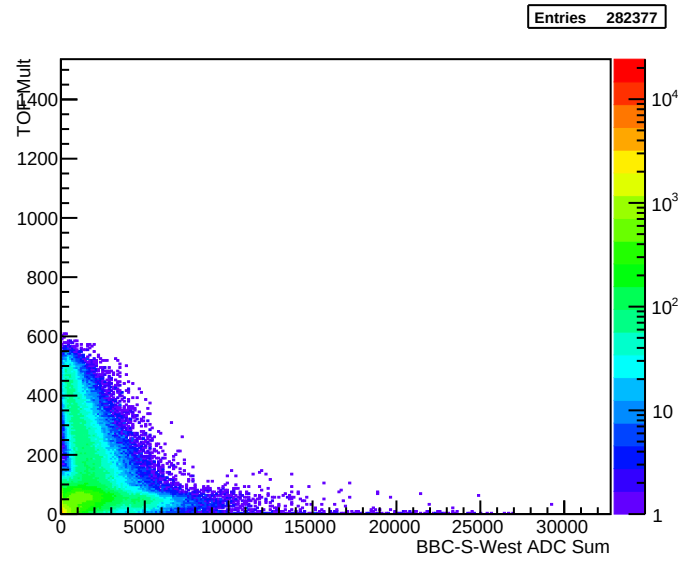

VT201 Input Ch4: VPD Tac Diff
Entries 282377
Tac

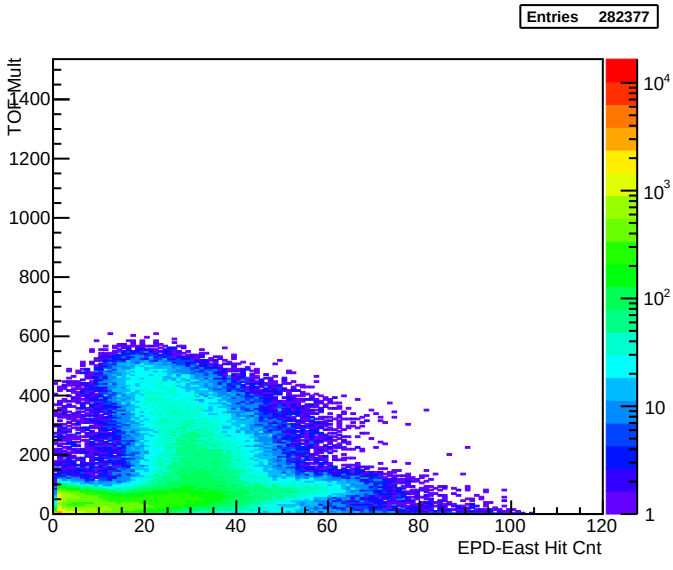

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

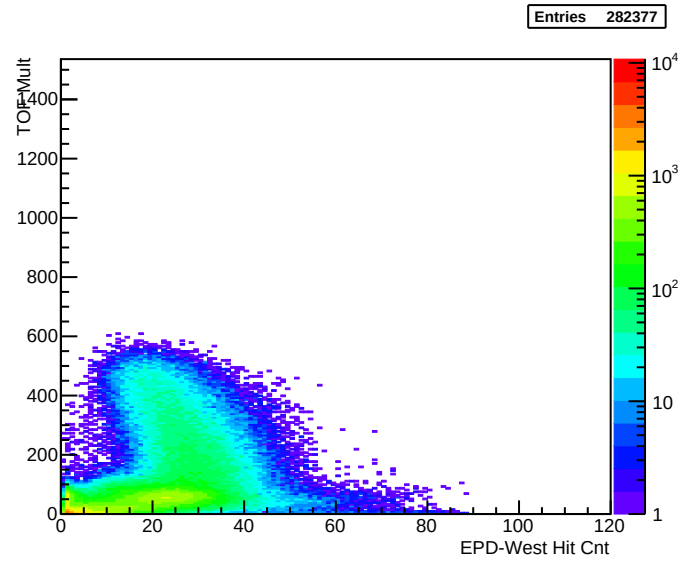

VT201 Input Ch4: VPD Adc Sum Th
Entries 564754
191366
219183
91011
63194
East
West

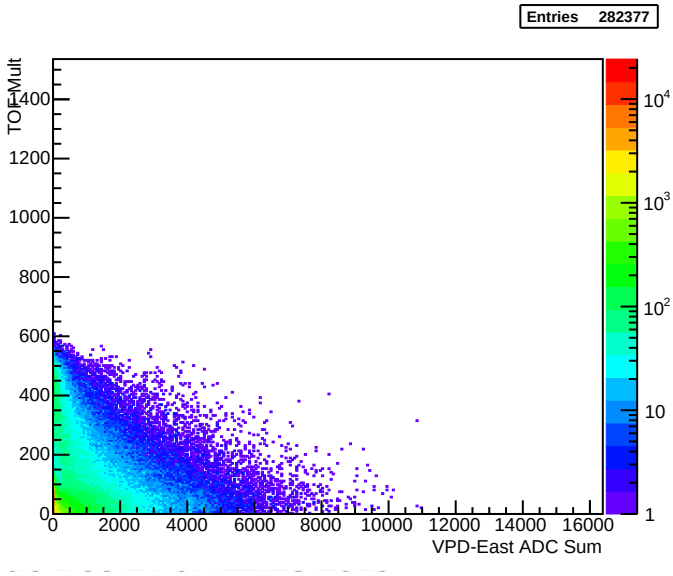

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

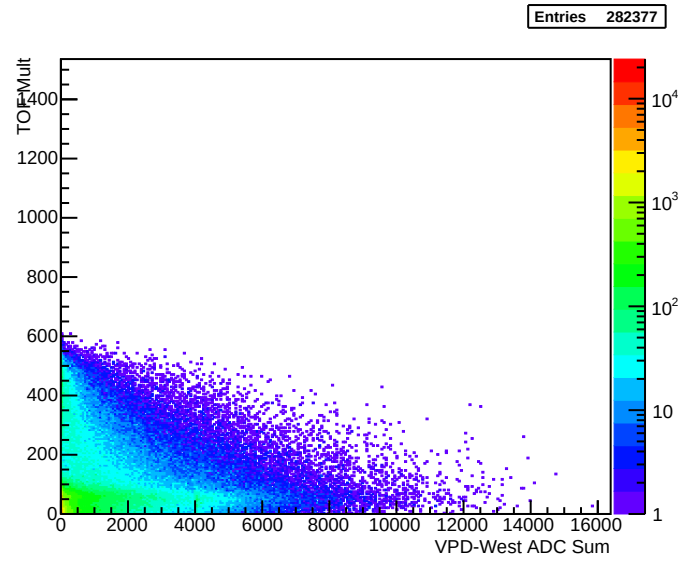

Entries 282377
TOF-Mult
BBC-S-East ADC Sum

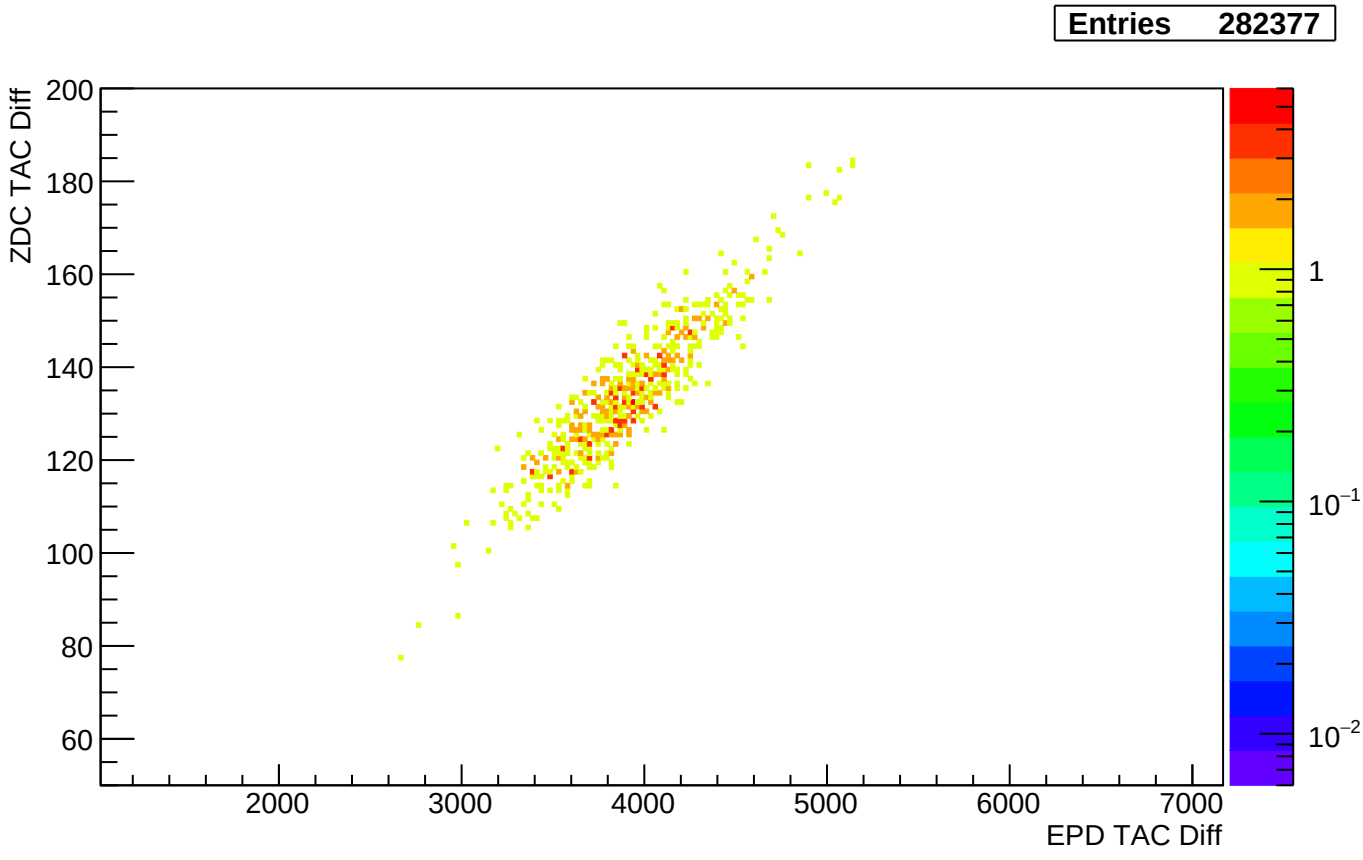

Entries 282377
TOF-Mult
BBC-S-West ADC Sum

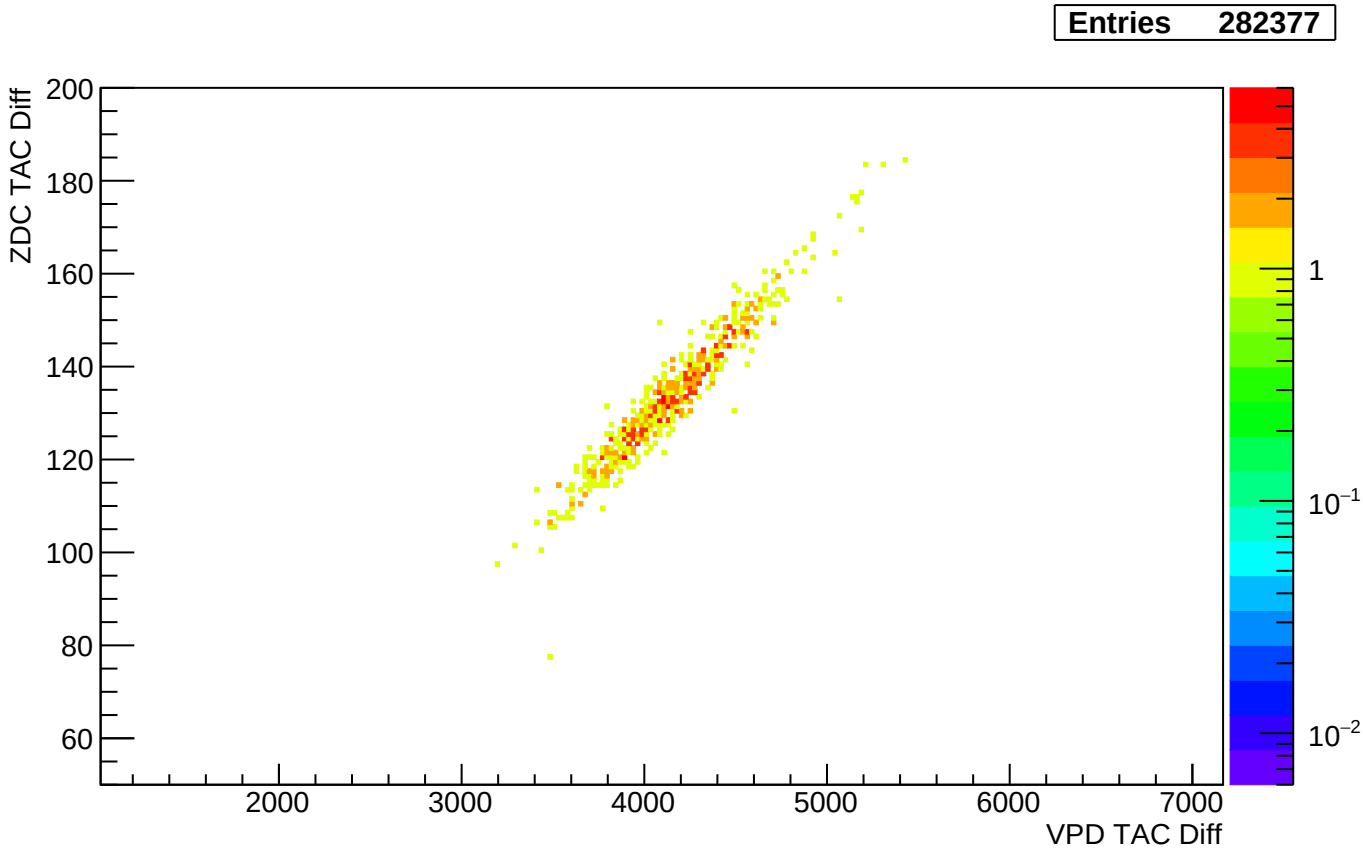

Entries 282377
TOF-Mult
EPD-East Hit Cnt

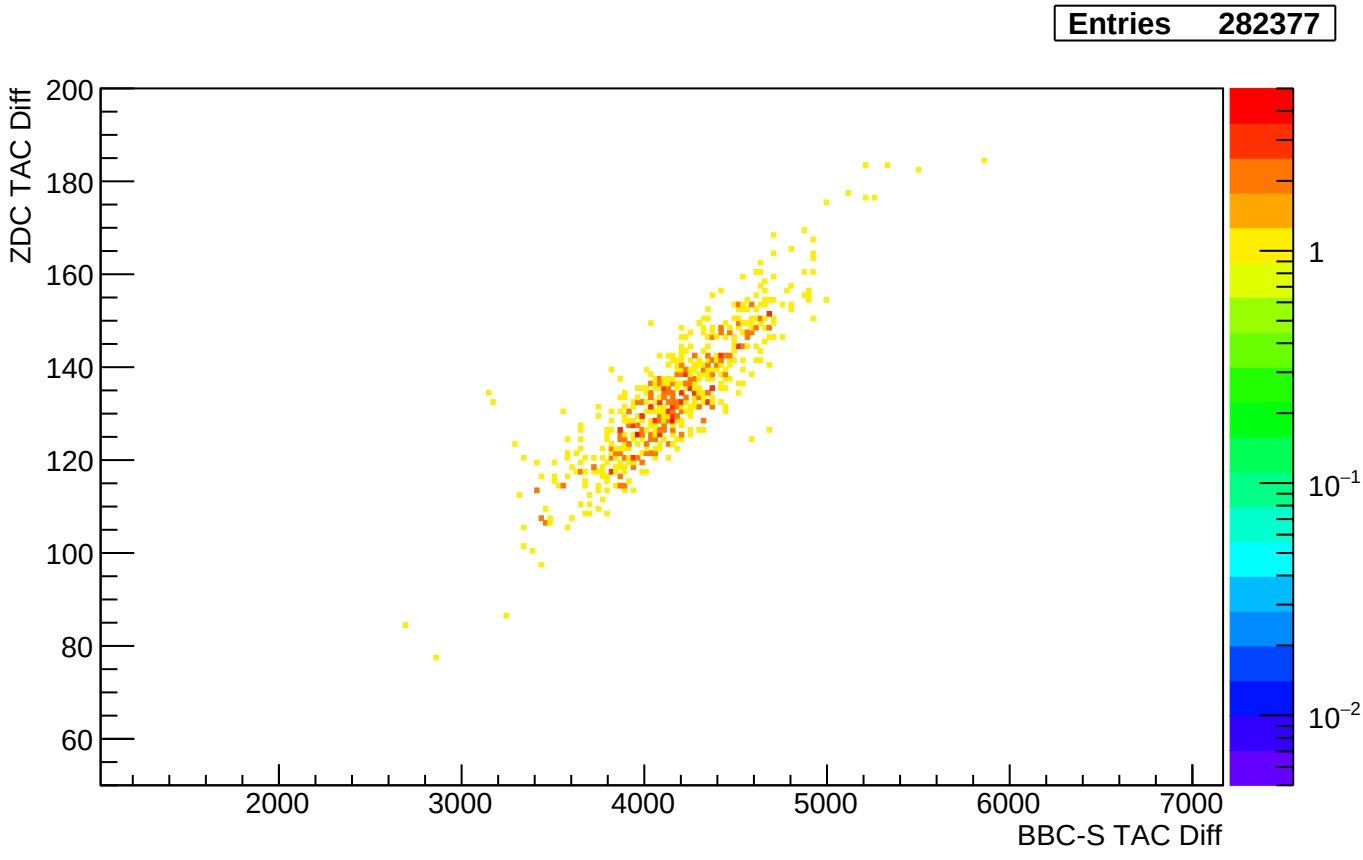

Entries 282377
TOF-Mult
EPD-West Hit Cnt

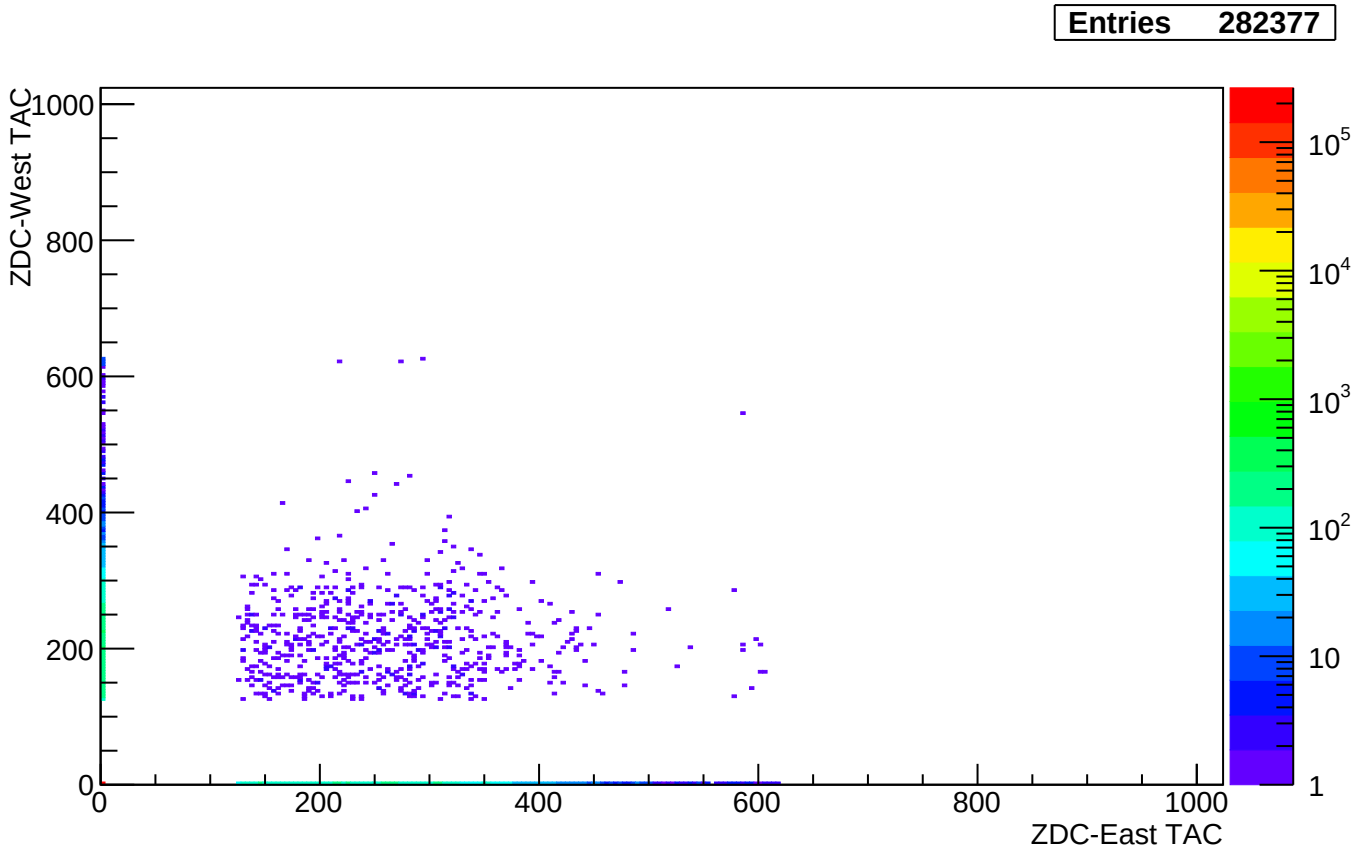

Entries 282377
TOF-Mult
VPD-East ADC Sum

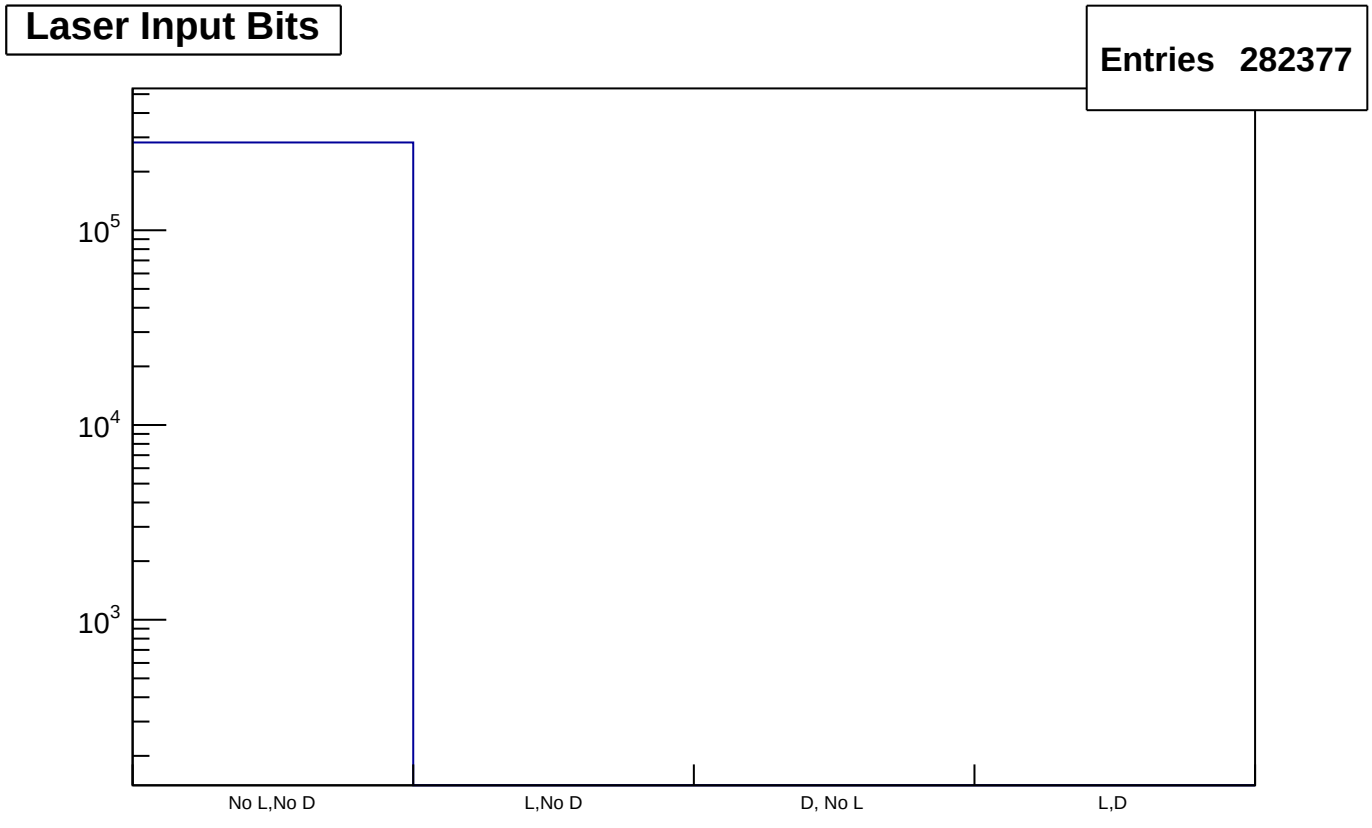

Entries 282377
TOF-Mult
VPD-West ADC Sum

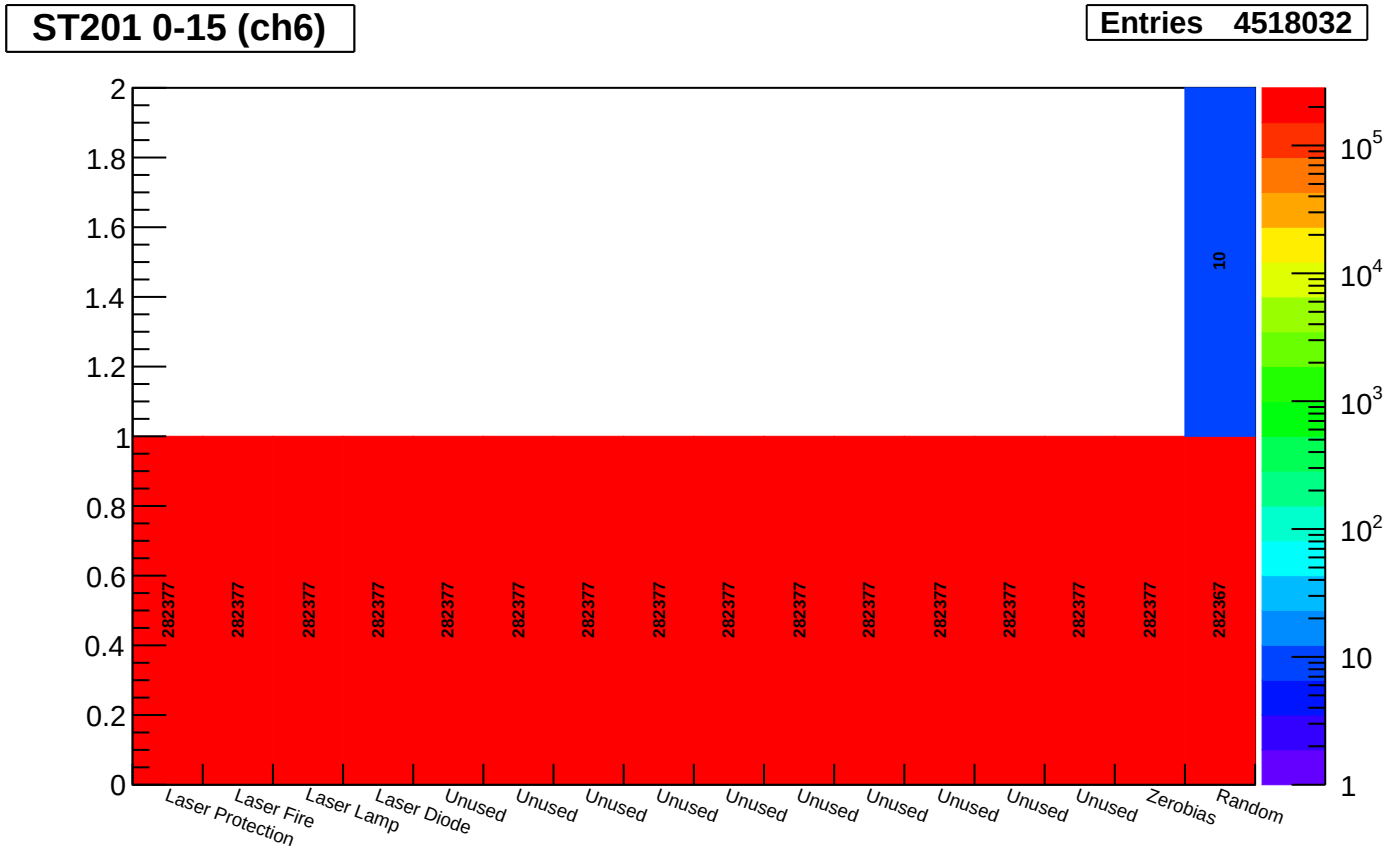

Entries 282377
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

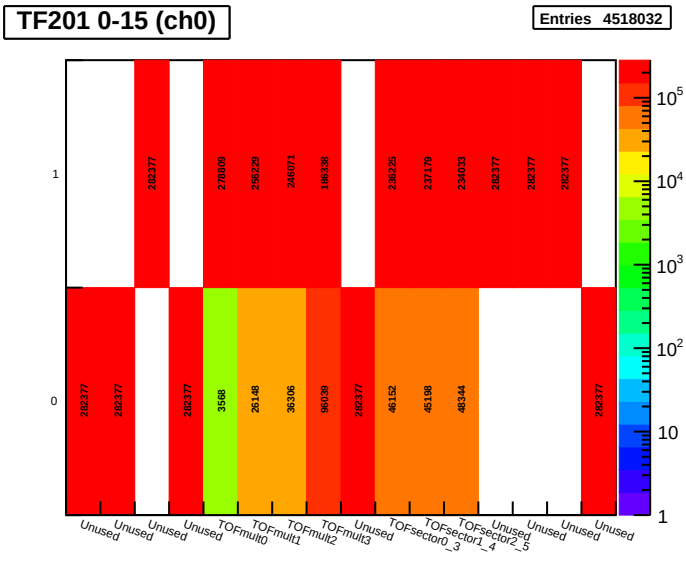

Entries 282377
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

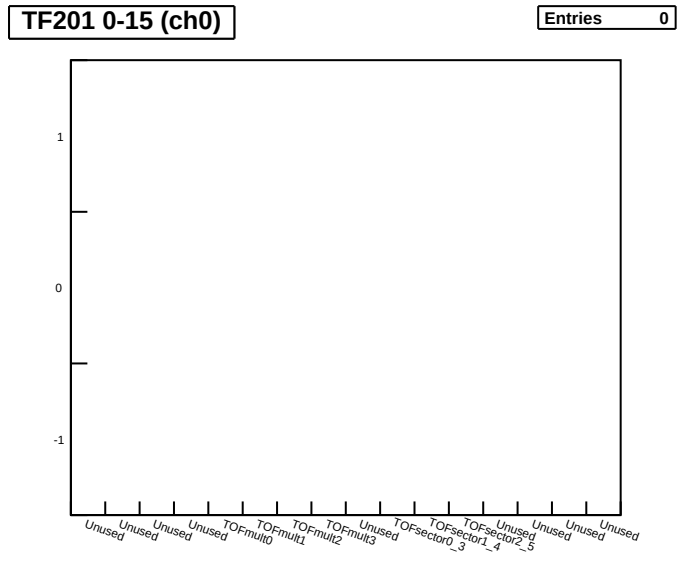

Entries 282377
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

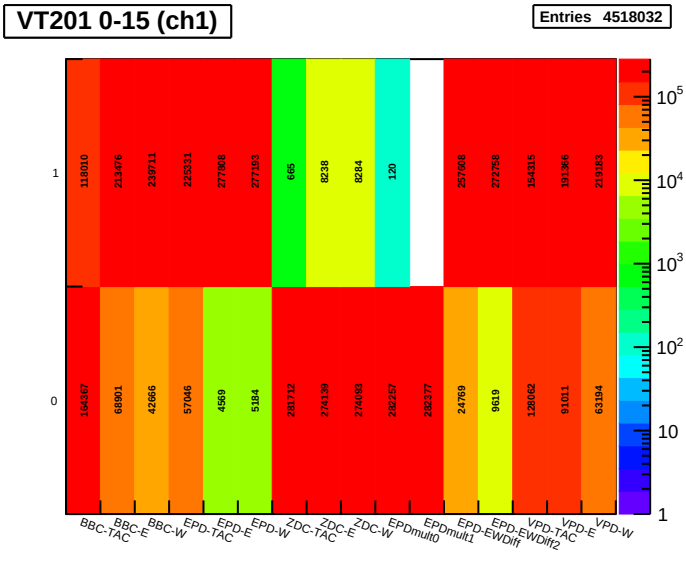

Entries 282377
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

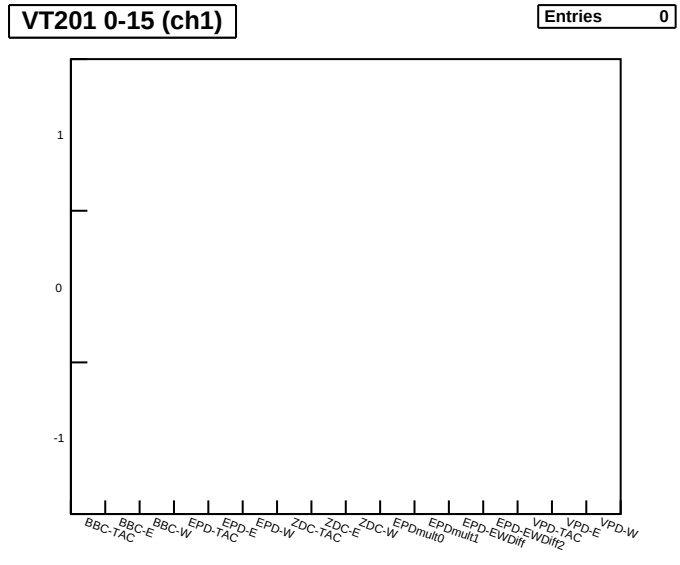

Laser Input Bits
Entries 282377
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

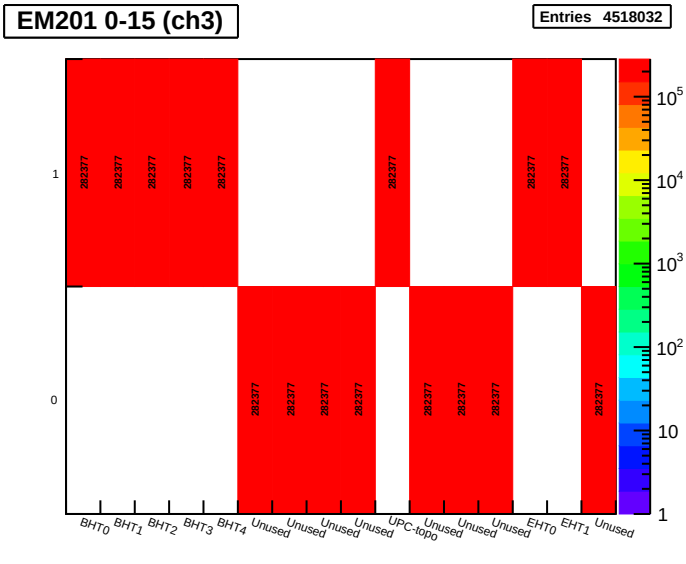

ST201 0-15 (ch6)
Entries 4518032
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
282377
282367
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

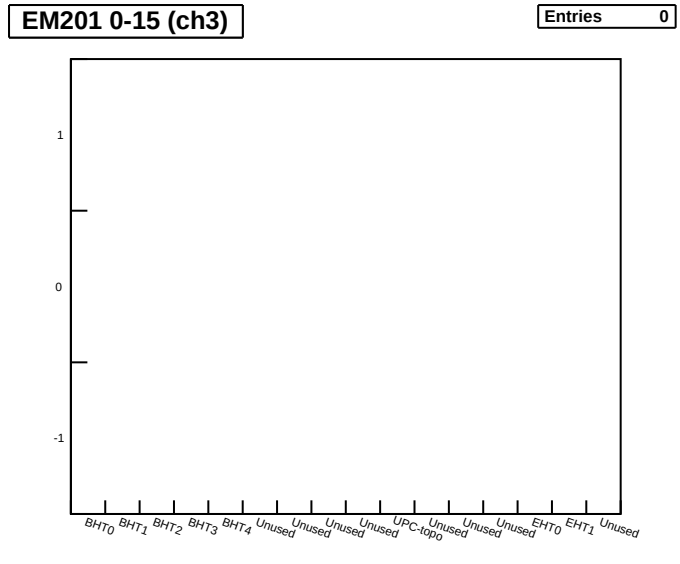

TF201 0-15 (ch0)
Entries 4518032
1
0
282377
276809
256229
246071
186338
236225
237179
234033
282377
282377
282377
282377
282377
282377
3568
26148
36306
96039
46152
45198
48344
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4518032
1
0
118010
213476
239711
255331
277808
277193
665
8238
8284
120
257608
272758
154315
191366
219183
164367
68901
42666
57046
4569
5184
281712
274139
274093
282257
282377
24769
9619
128062
91011
63194
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 4518032
1
0
282377
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