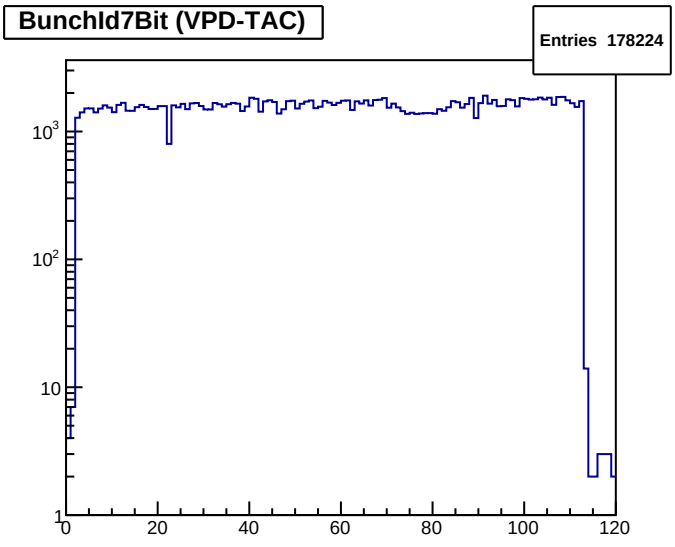
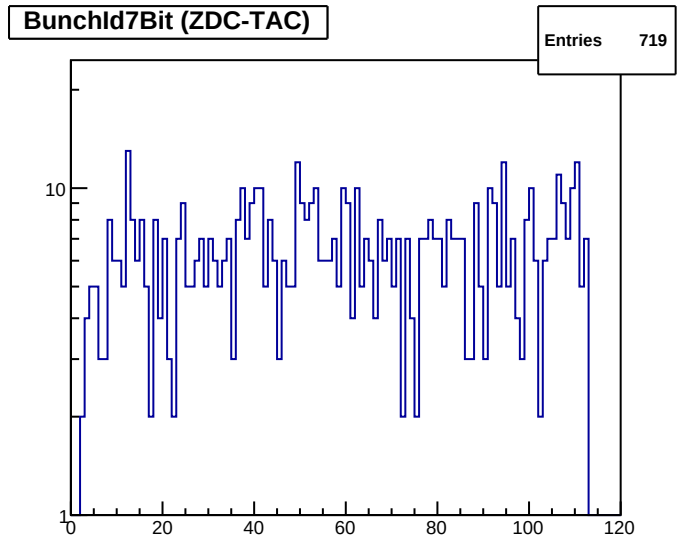
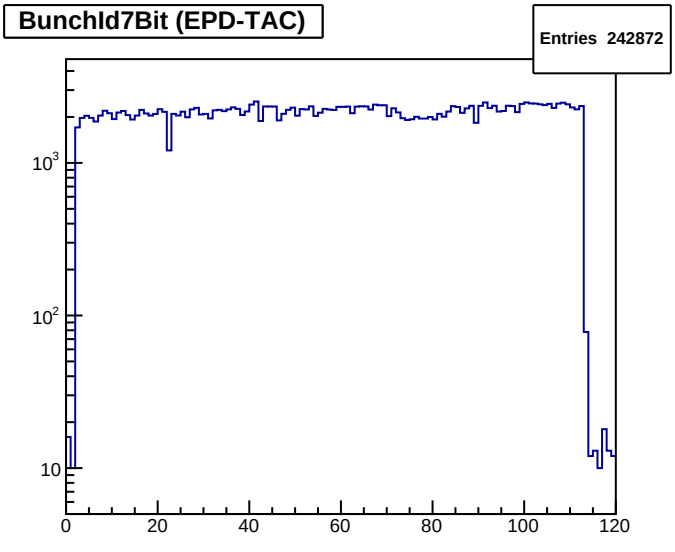
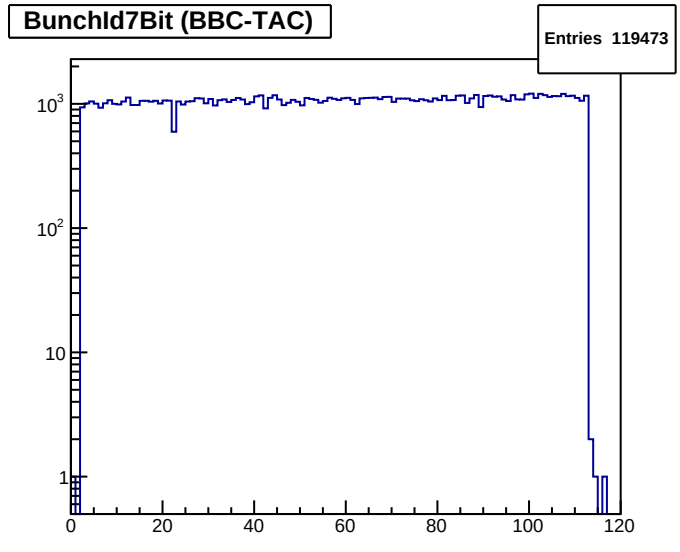
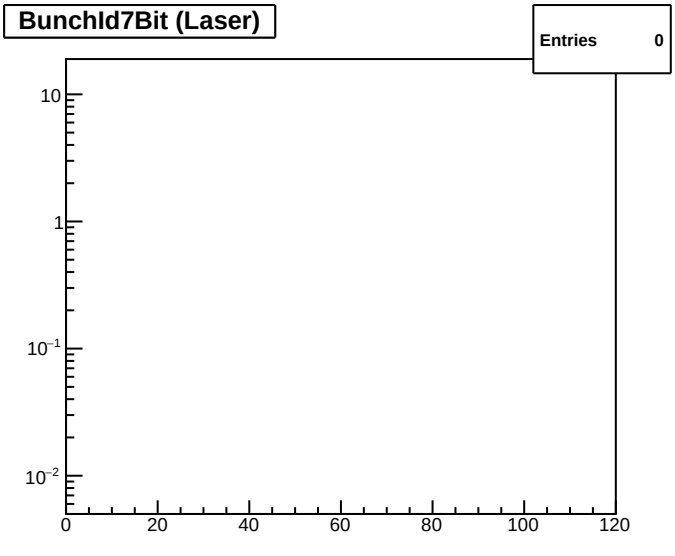
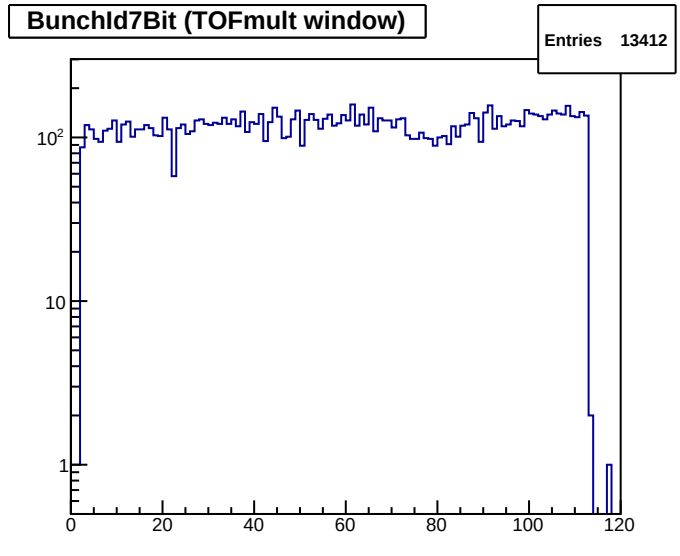

BunchId7Bit (VPD-TAC)
Entries 178224

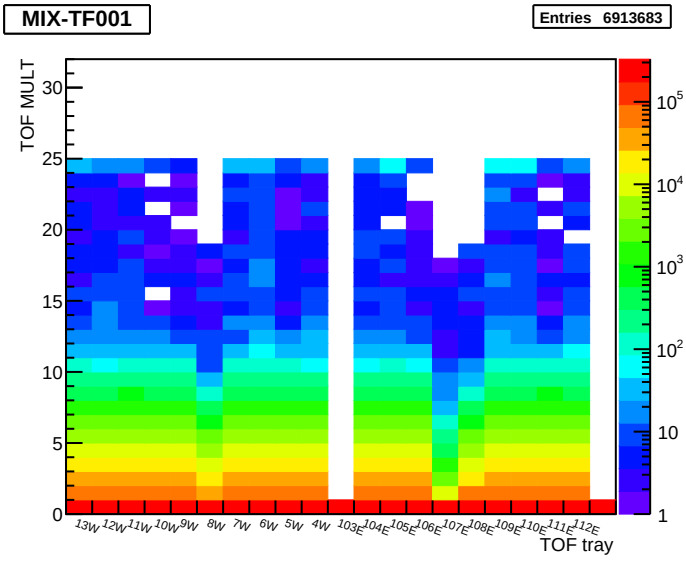

BunchId7Bit (ZDC-TAC)
Entries 719

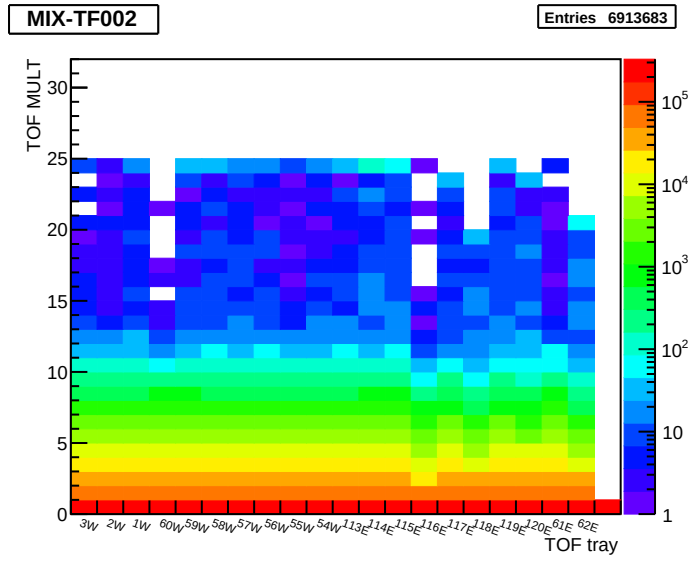

BunchId7Bit (EPD-TAC)
Entries 242872

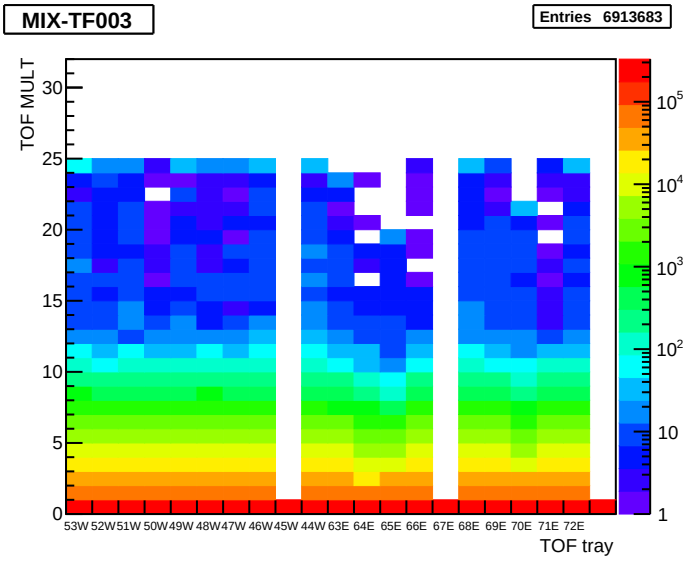

BunchId7Bit (BBC-TAC)
Entries 119473

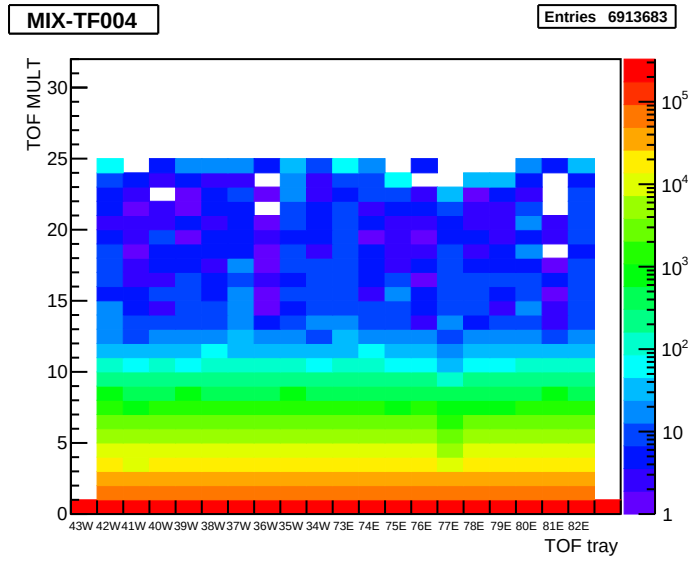

BunchId7Bit (Laser)
Entries 0

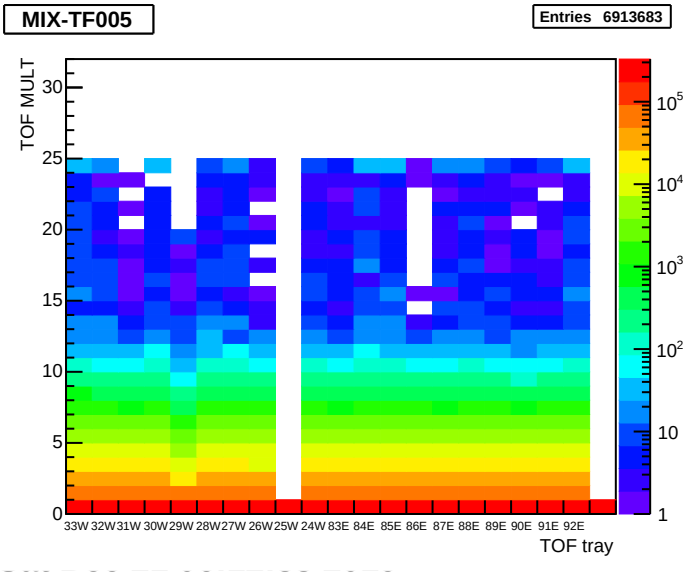

BunchId7Bit (TOFmult window)
Entries 13412

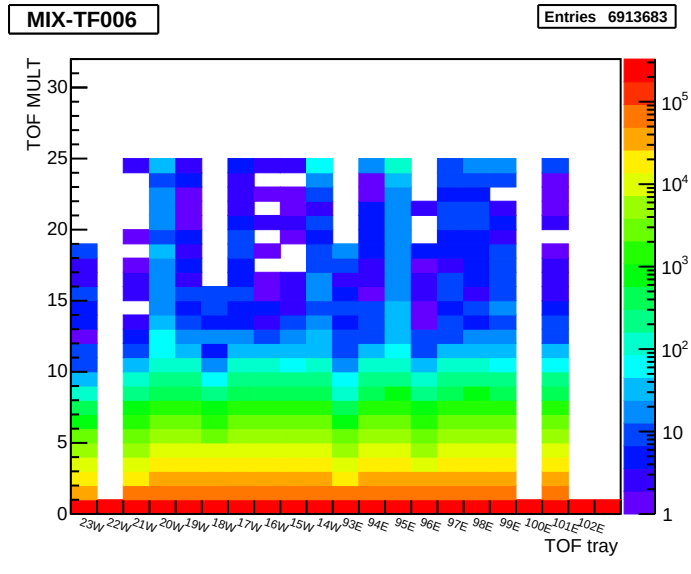

MIX-TF001
Entries 6913683
TOF MULT
TOF tray

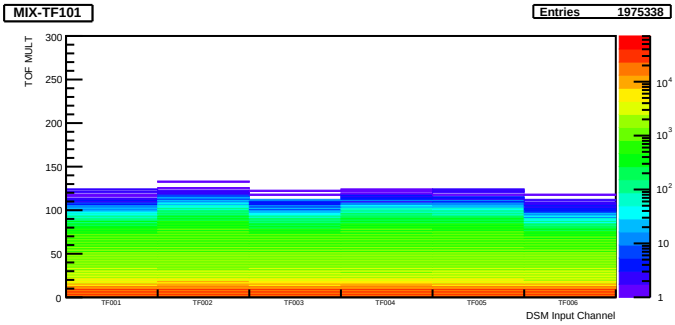

MIX-TF002
Entries 6913683
TOF MULT
TOF tray

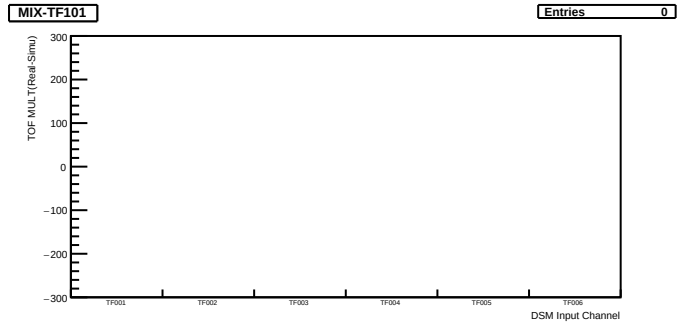

MIX-TF003
Entries 6913683
TOF MULT
TOF tray

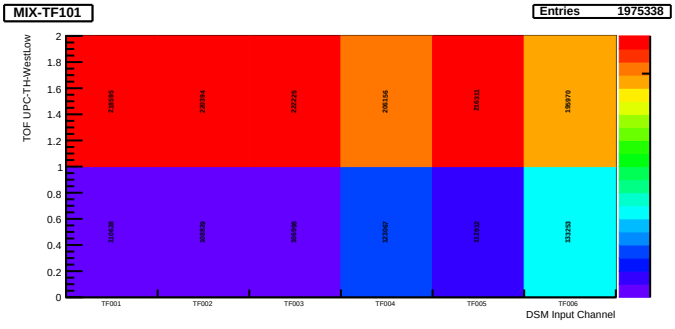

MIX-TF004
Entries 6913683
TOF MULT
TOF tray

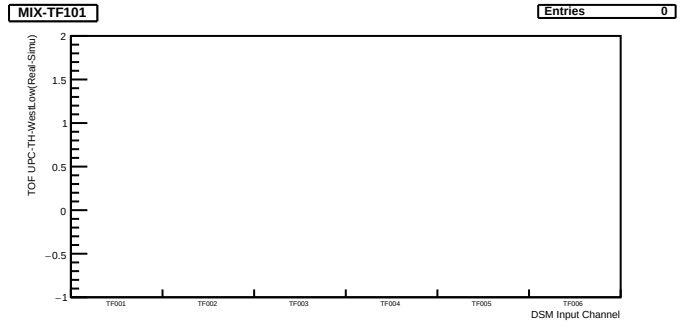

MIX-TF005
Entries 6913683
TOF MULT
TOF tray

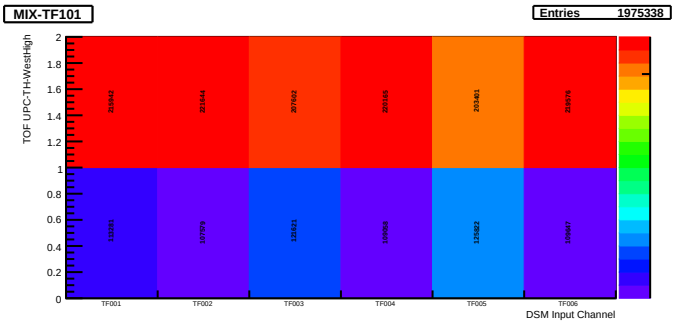

MIX-TF006
Entries 6913683
TOF MULT
TOF tray

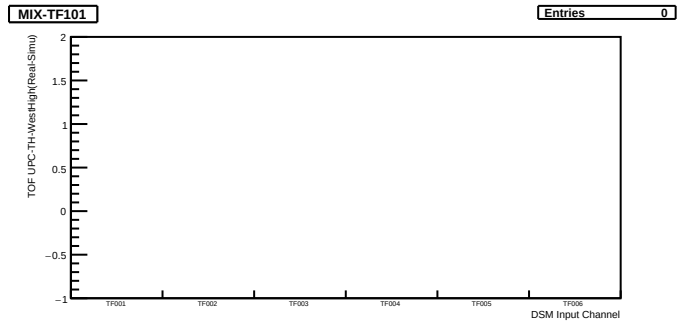

MIX-TF101
Entries 1975338
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

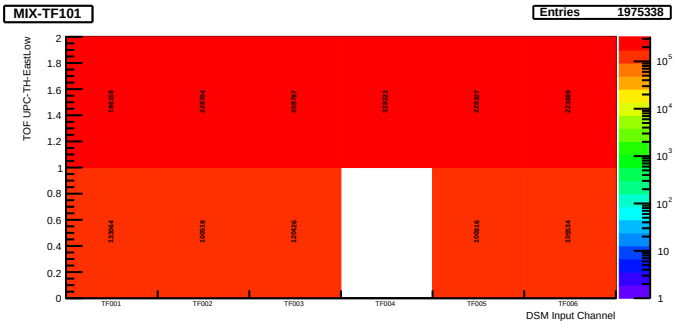

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

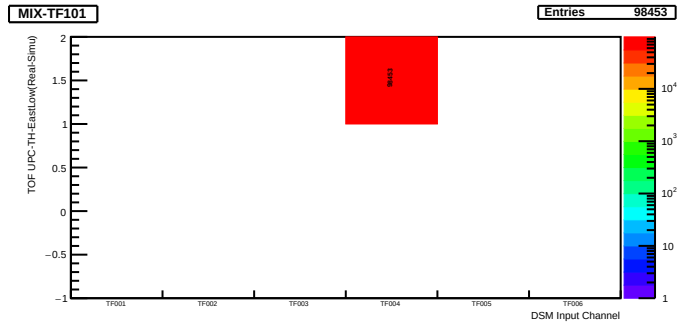

MIX-TF101
Entries 1975338
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

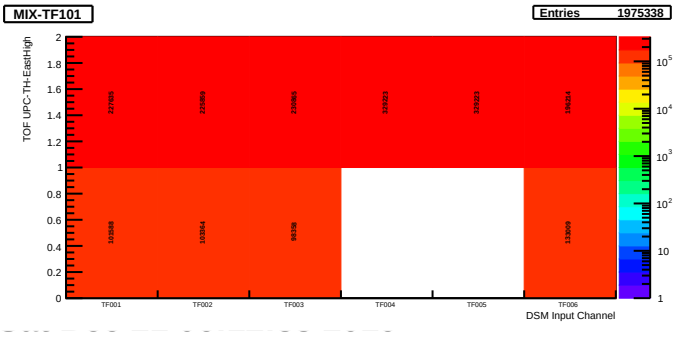

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

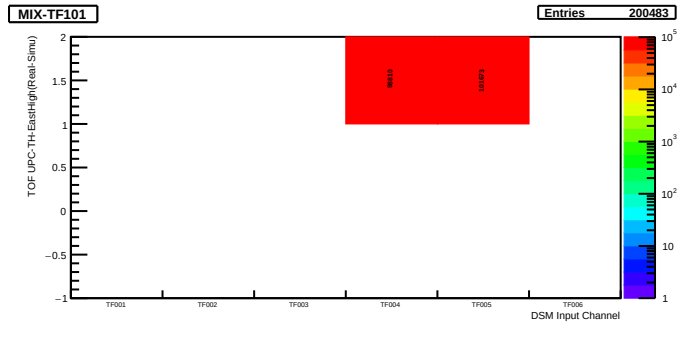

MIX-TF101
Entries 1975338
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

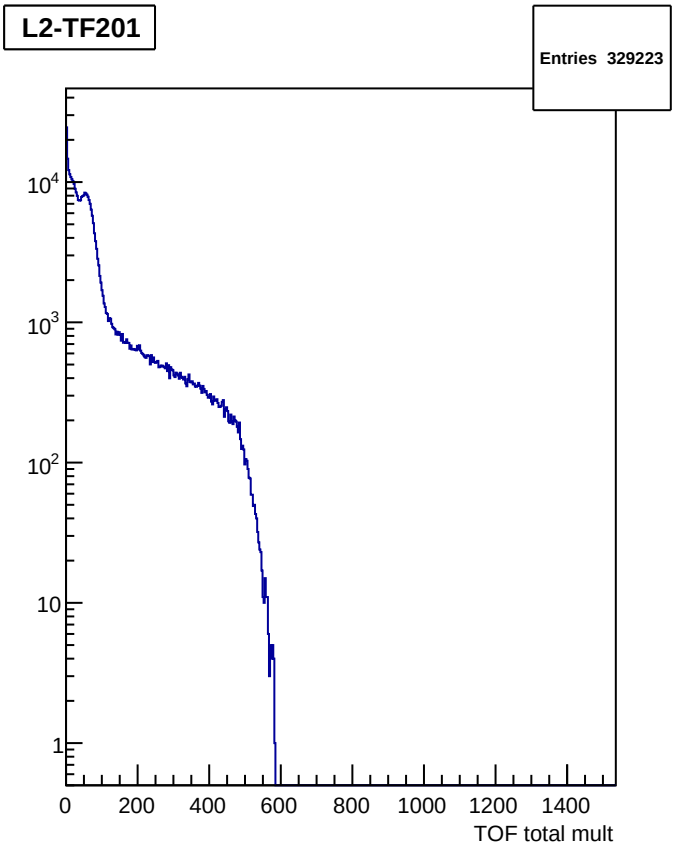

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

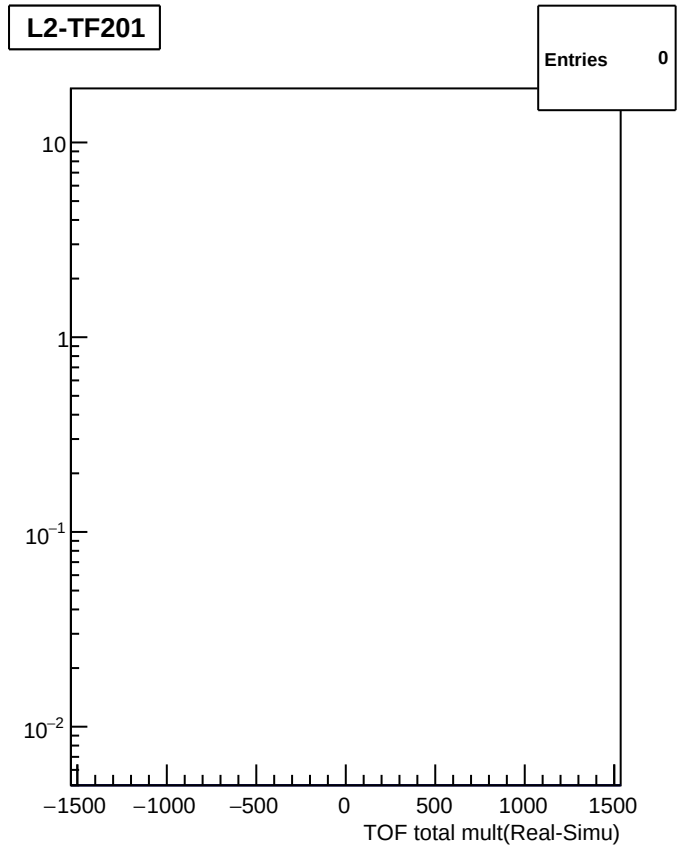

MIX-TF101
Entries 1975338
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

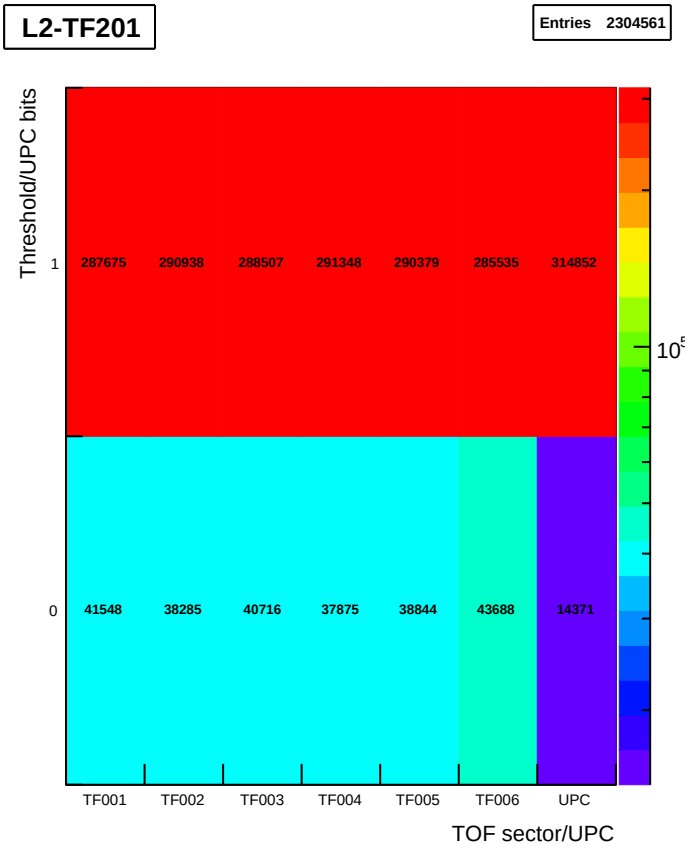

MIX-TF101
Entries 98453
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

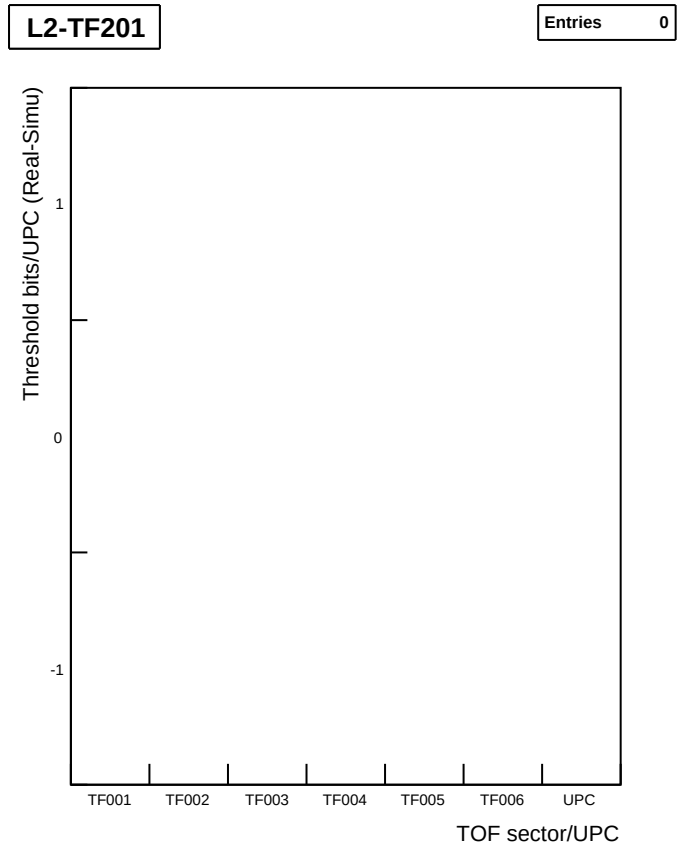

MIX-TF101
Entries 1975338
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

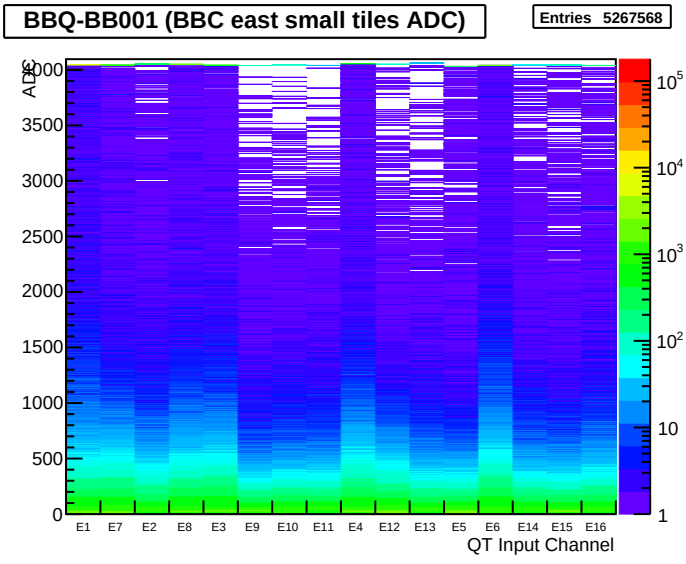

MIX-TF101
Entries 200483
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

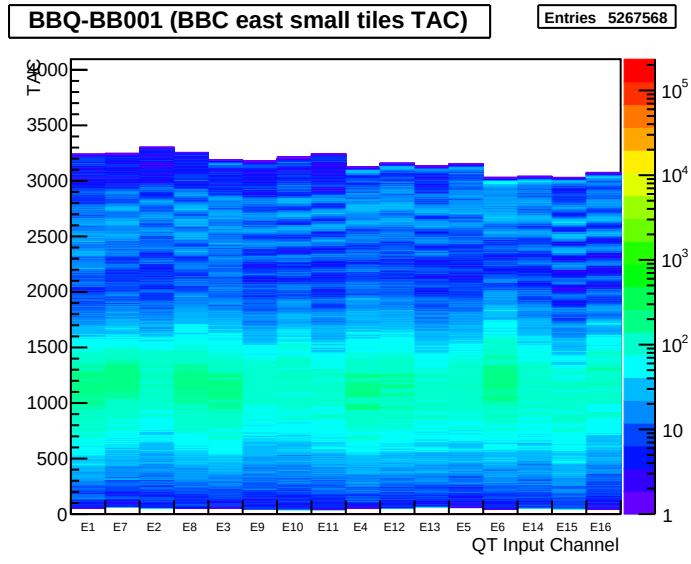

L2-TF201
Entries 329223
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

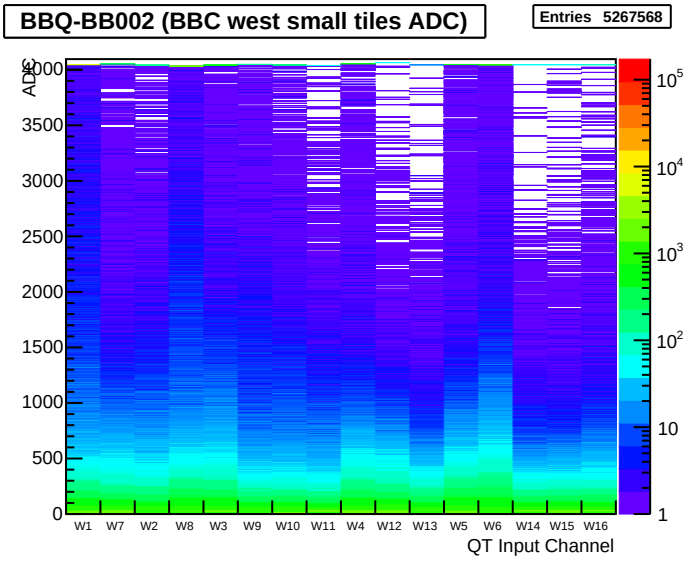

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

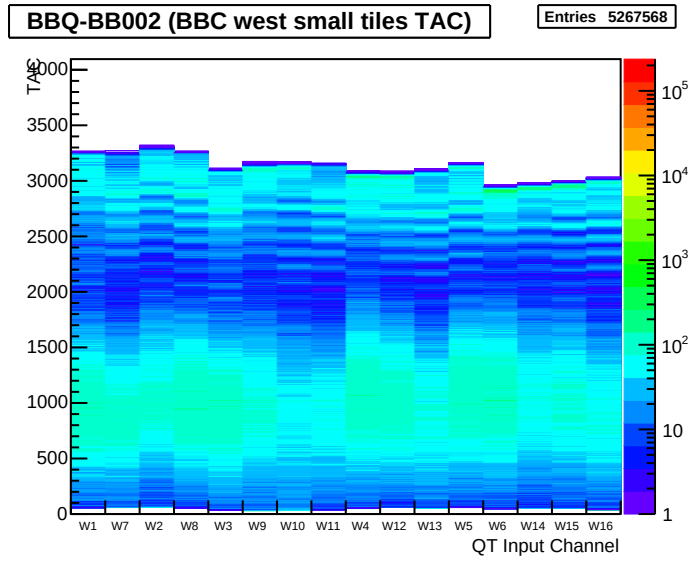

L2-TF201
Entries 2304561
Threshold/UPC bits
1
0
287675
290938
288507
291348
290379
285535
314852
41548
38285
40716
37875
38844
43688
14371
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

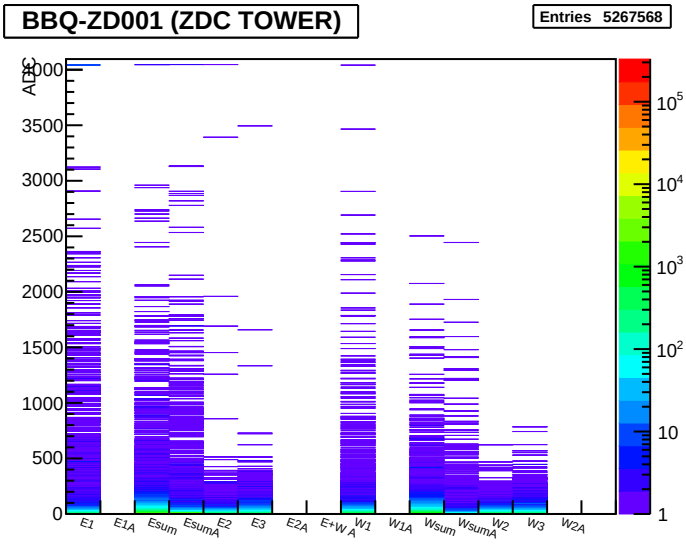

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

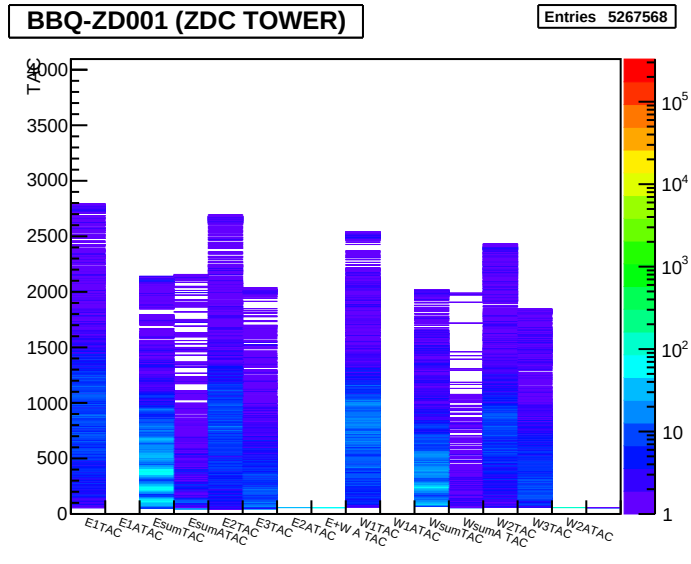

BBQ-BB001 (BBC east small tiles ADC)
Entries 5267568
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

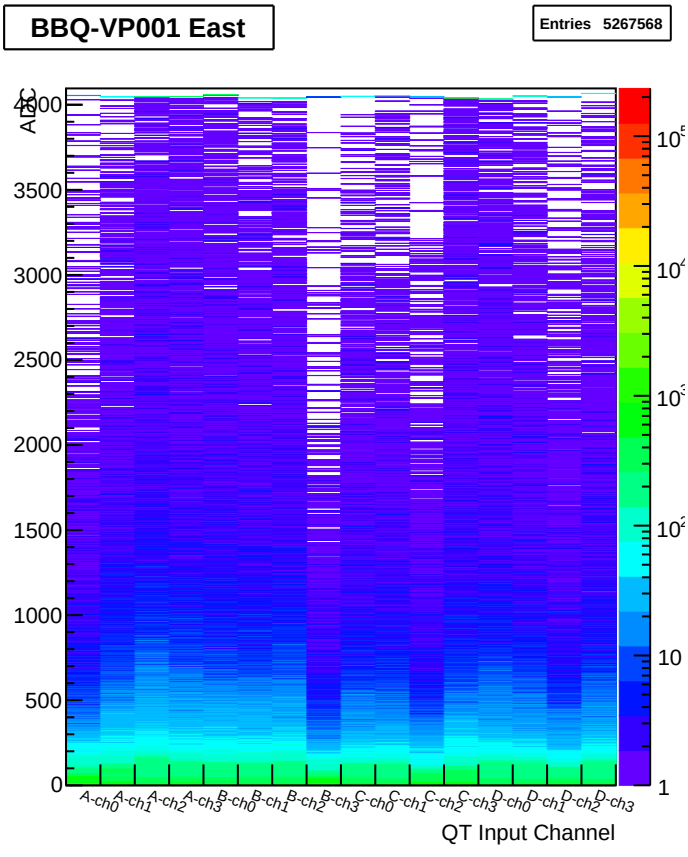

BBQ-BB001 (BBC east small tiles TAC)
Entries 5267568
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

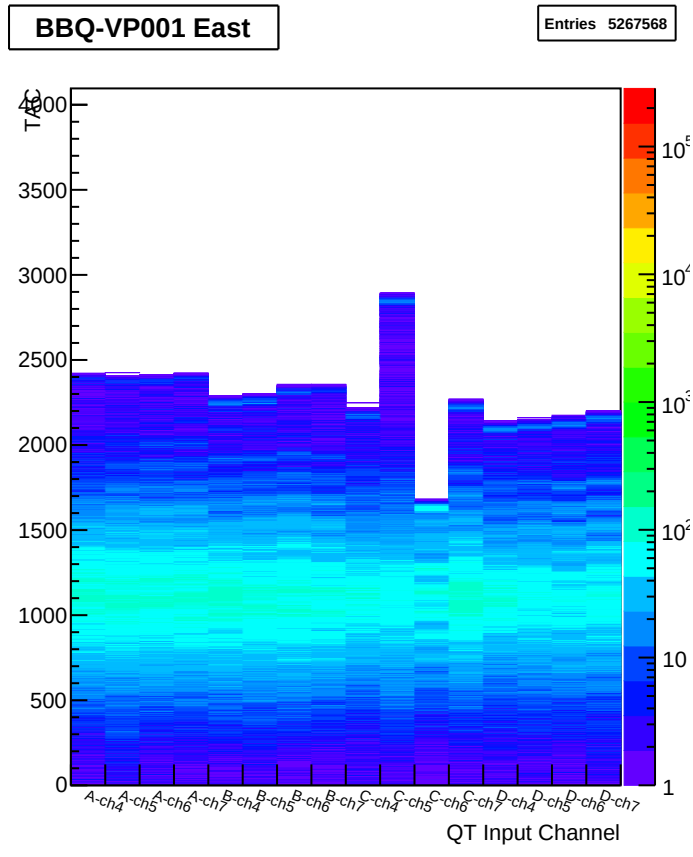

BBQ-BB002 (BBC west small tiles ADC)
Entries 5267568
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

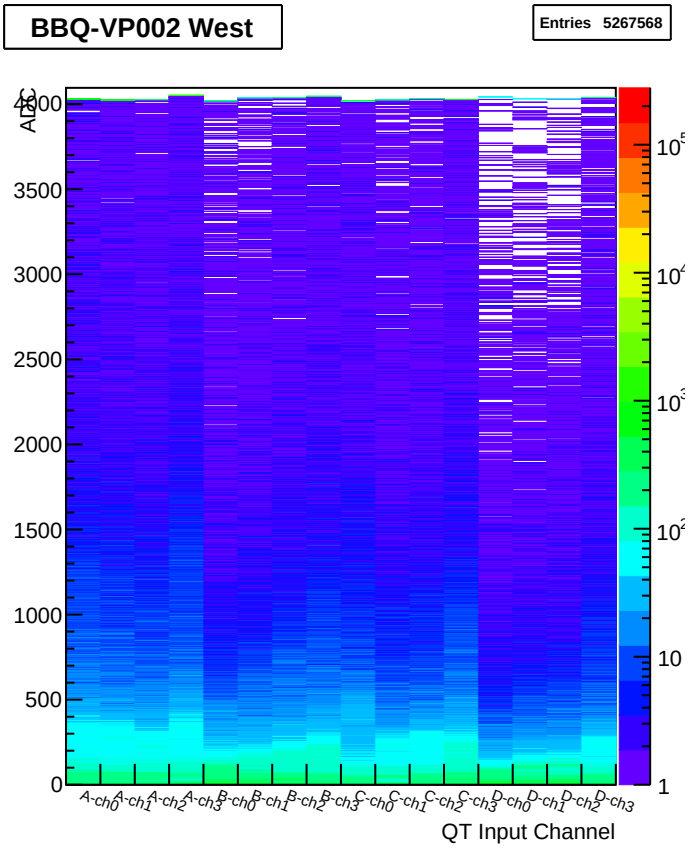

BBQ-BB002 (BBC west small tiles TAC)
Entries 5267568
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

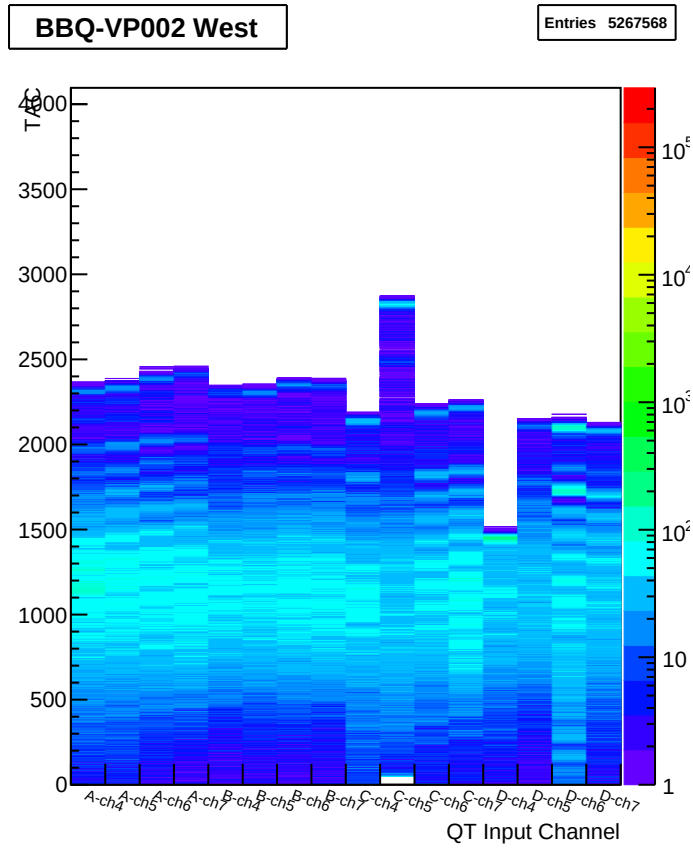

BBQ-ZD001 (ZDC TOWER)
Entries 5267568
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

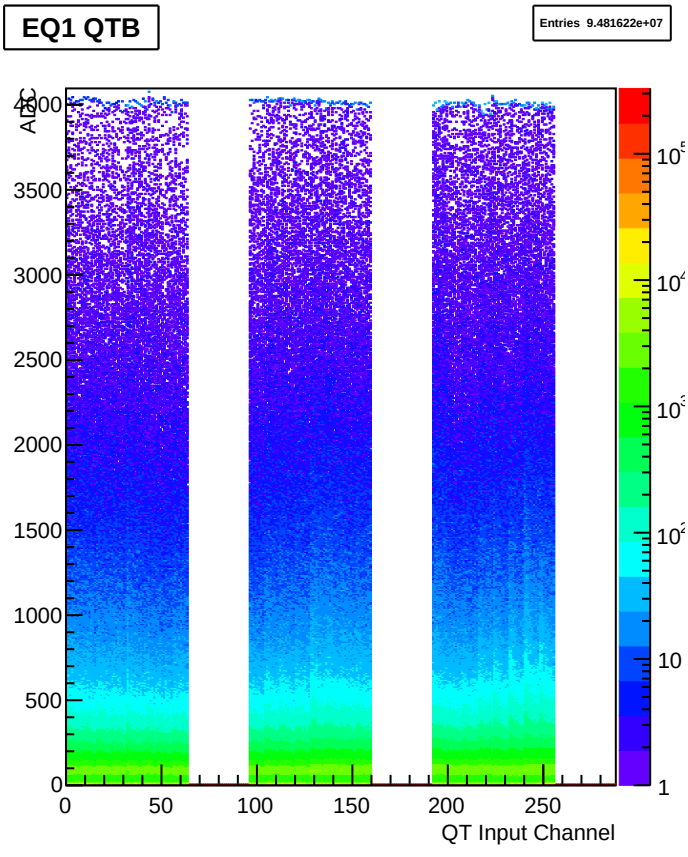

BBQ-ZD001 (ZDC TOWER)
Entries 5267568
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

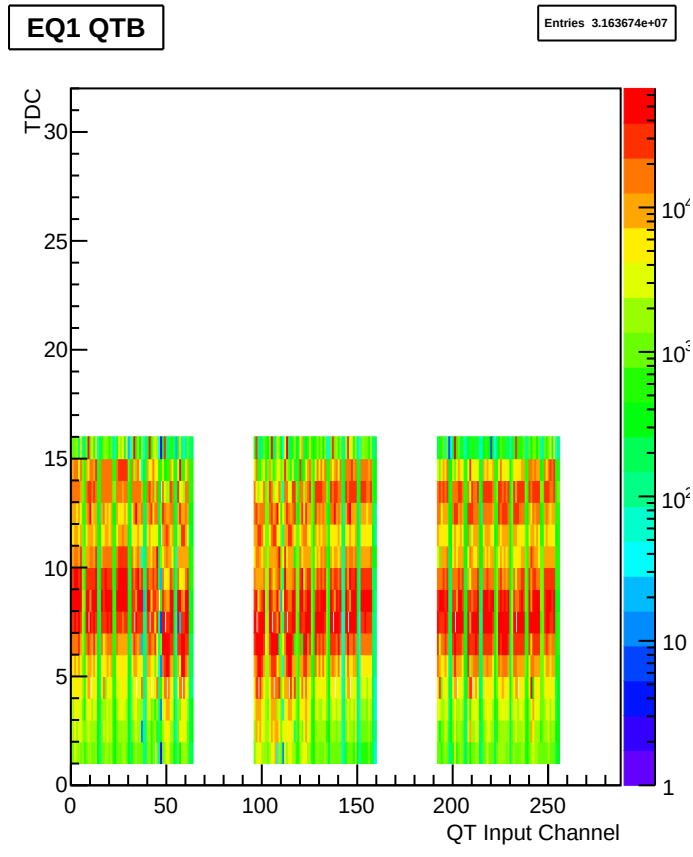

BBQ-VP001 East
Entries 5267568
ADC
QT Input Channel

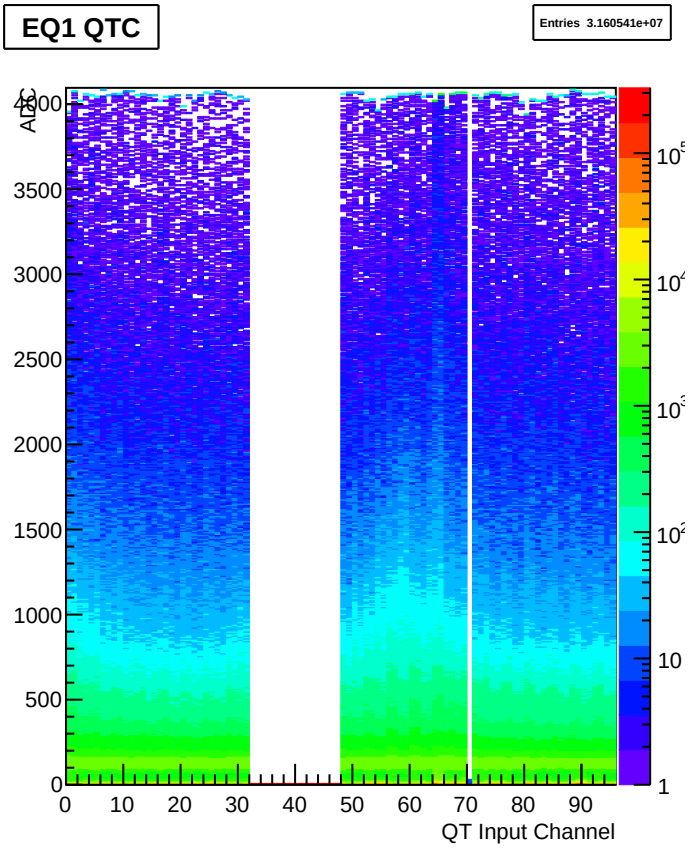

BBQ-VP001 East
Entries 5267568
TADC
QT Input Channel

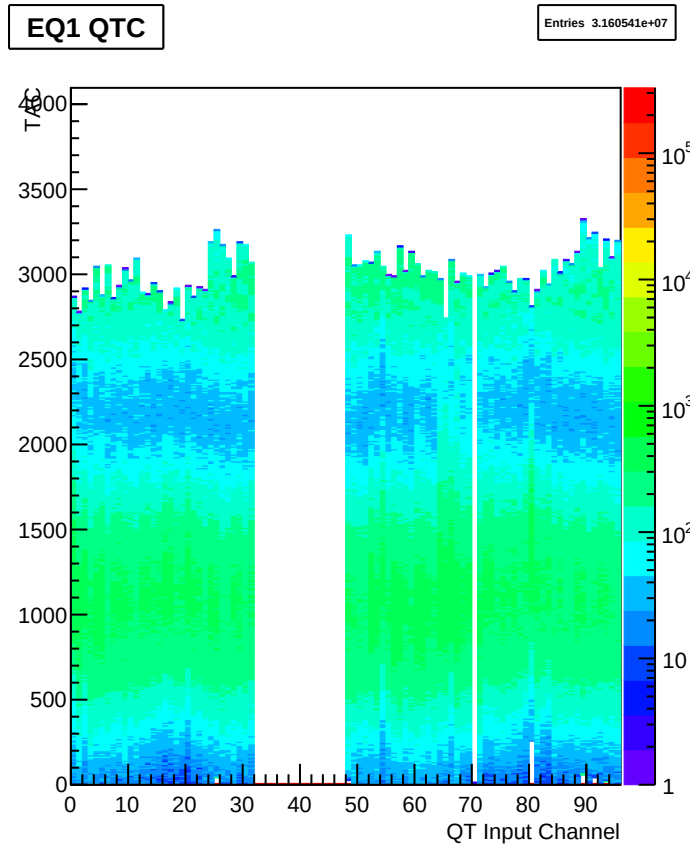

BBQ-VP002 West
Entries 5267568
ADC
QT Input Channel

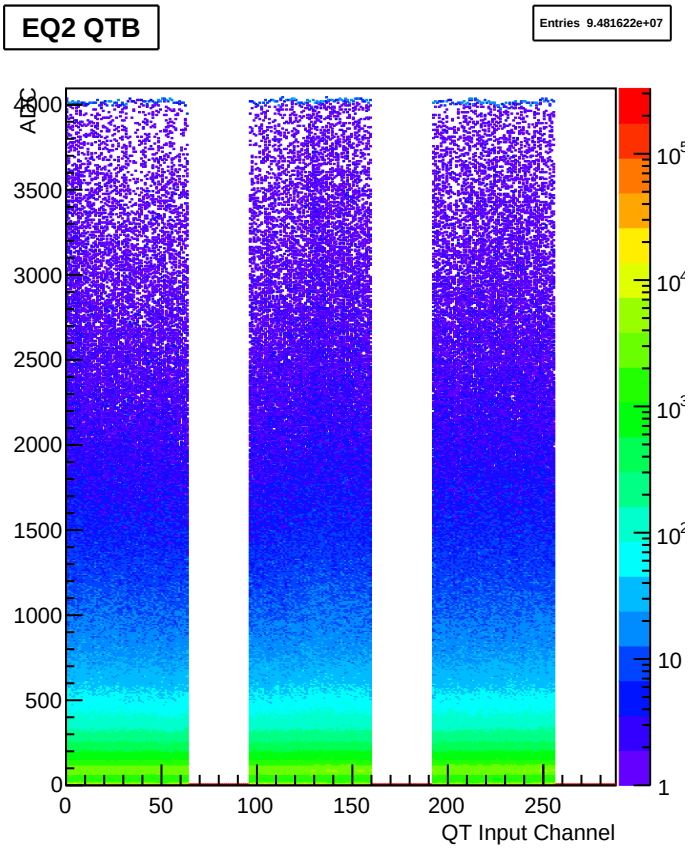

BBQ-VP002 West
Entries 5267568
TADC
QT Input Channel

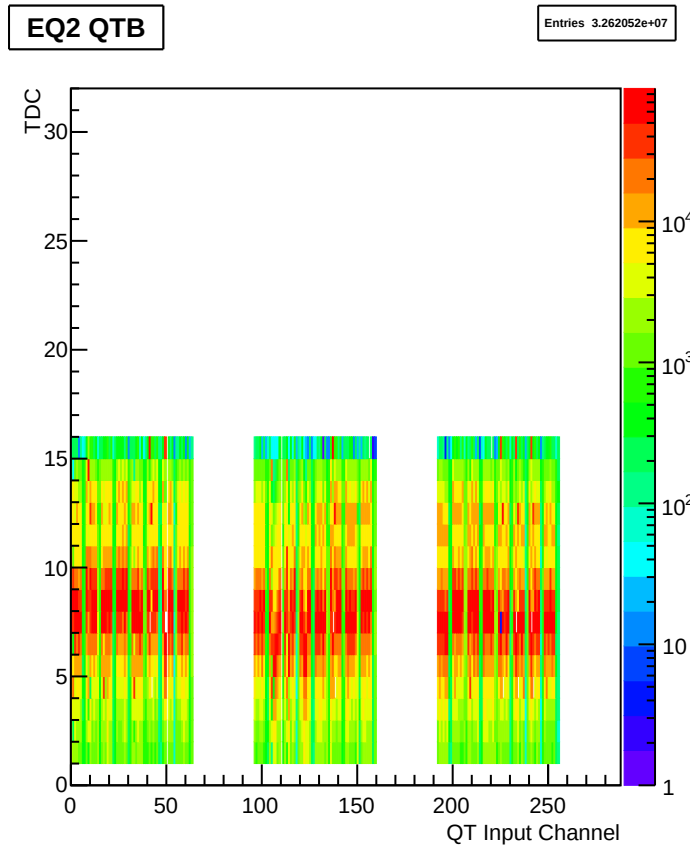

EQ1 QTB
Entries 9.481622e+07
ADC
QT Input Channel

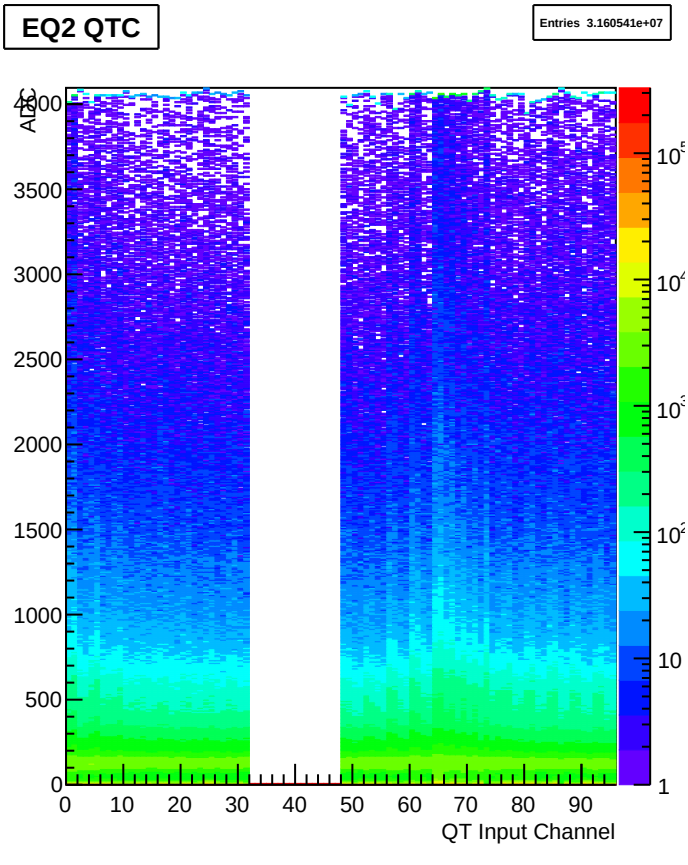

EQ1 QTB
Entries 3.163674e+07
TDC
QT Input Channel

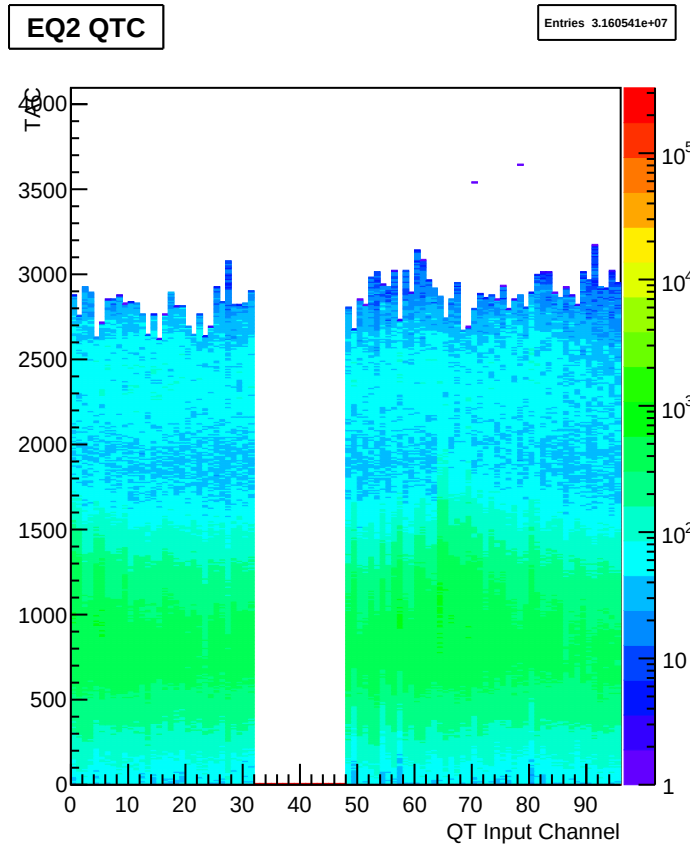

EQ1 QTC
Entries 3.160541e+07
ADC
QT Input Channel

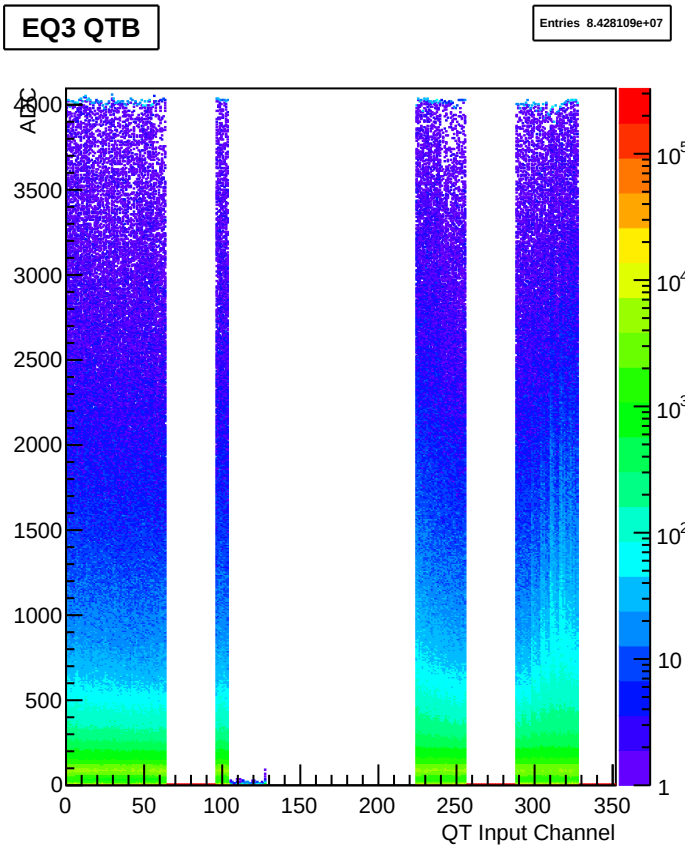

EQ1 QTC
Entries 3.160541e+07
TADC
QT Input Channel

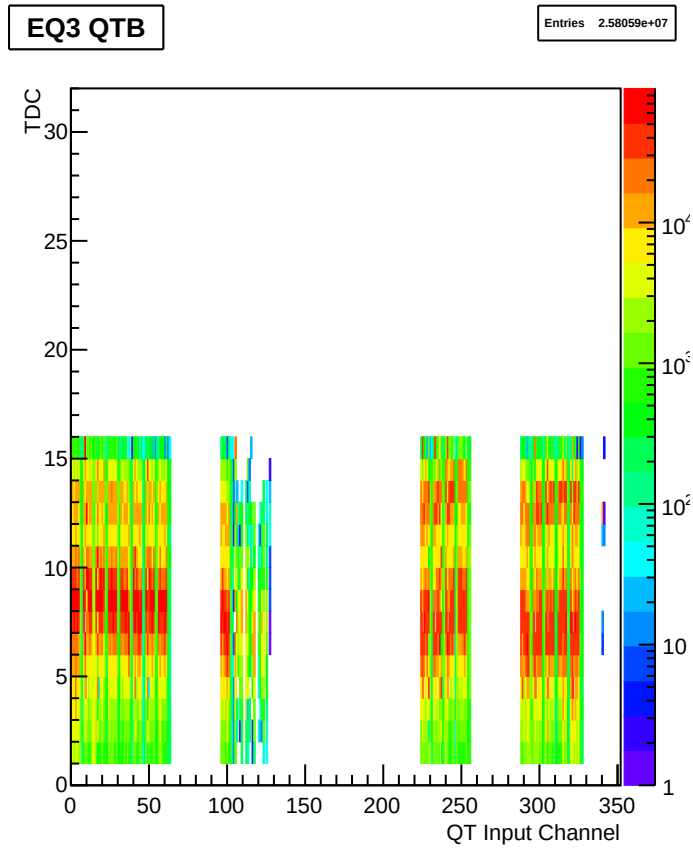

EQ2 QTB
Entries 9.481622e+07
ADC
QT Input Channel

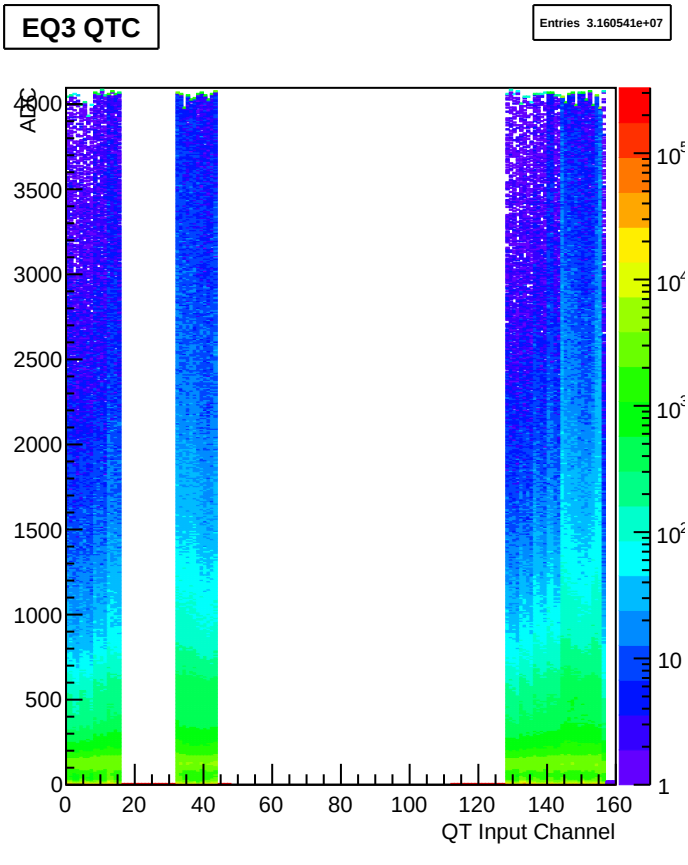

EQ2 QTB
Entries 3.262052e+07
TDC
QT Input Channel

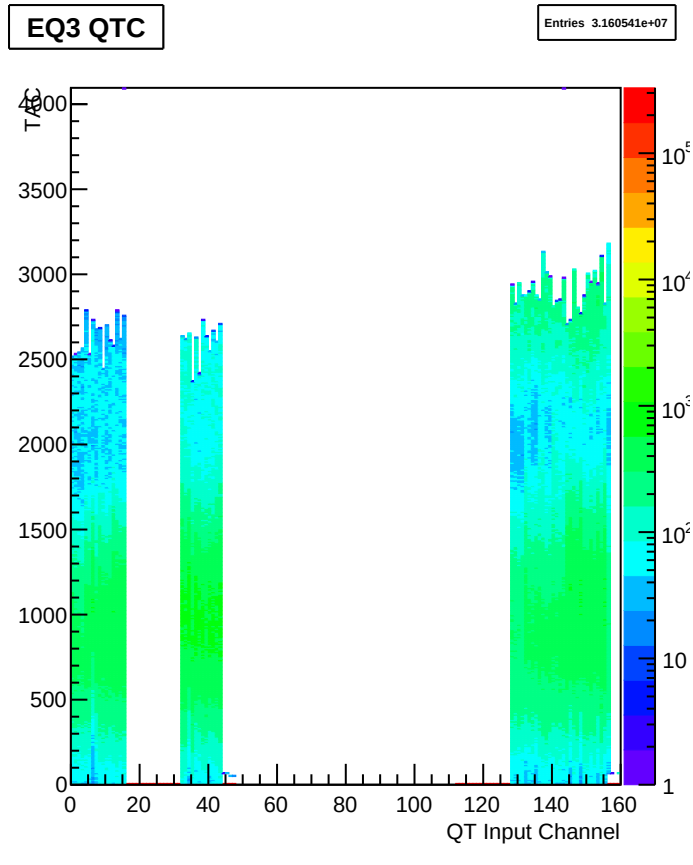

EQ2 QTC
Entries 3.160541e+07
ADC
QT Input Channel

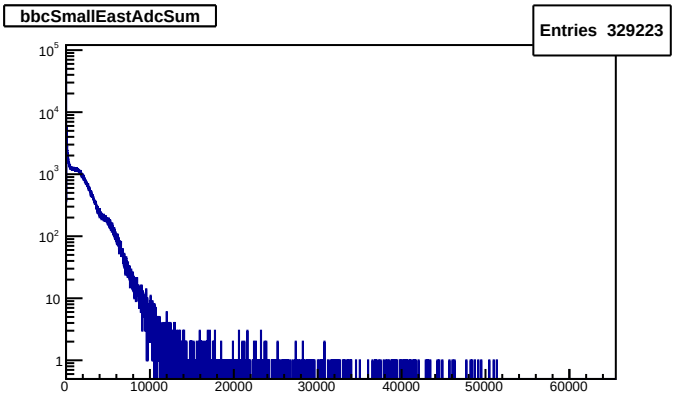

EQ2 QTC
Entries 3.160541e+07
TADC
QT Input Channel

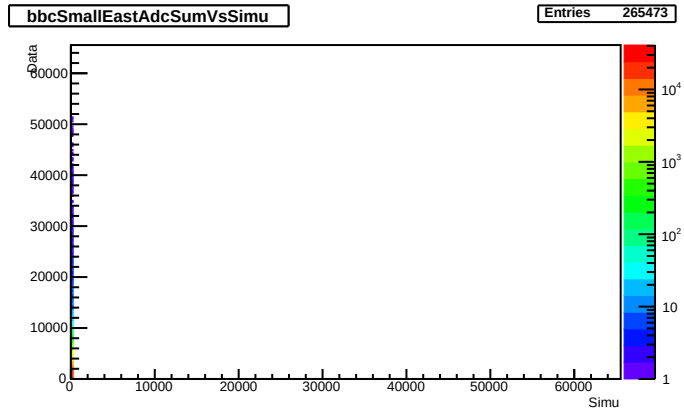

EQ3 QTB
Entries 8.428109e+07
ADC
QT Input Channel

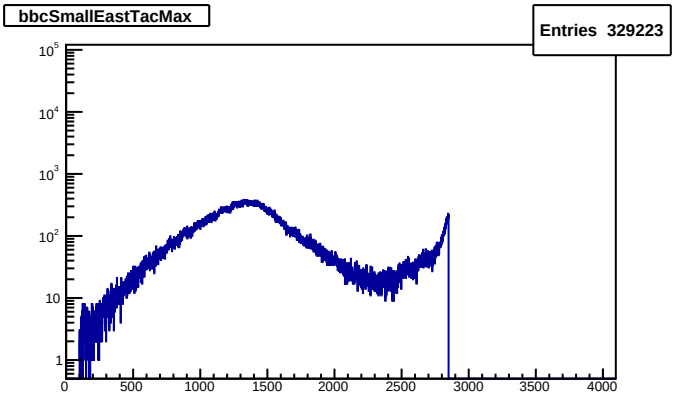

EQ3 QTB
Entries 2.58059e+07
TDC
QT Input Channel

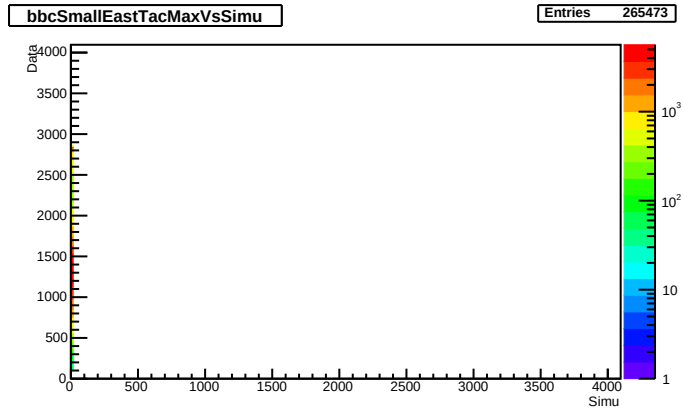

EQ3 QTC
Entries 3.160541e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.160541e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 329223


bbcSmallEastAdcSumVsSimu
Entries 265473
Data
Simu


bbcSmallEastTacMax
Entries 329223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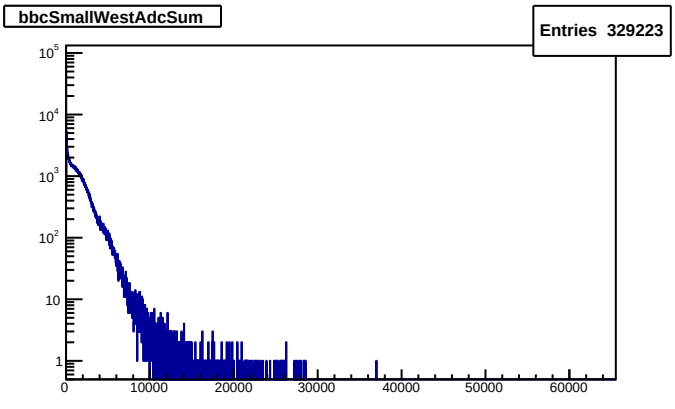
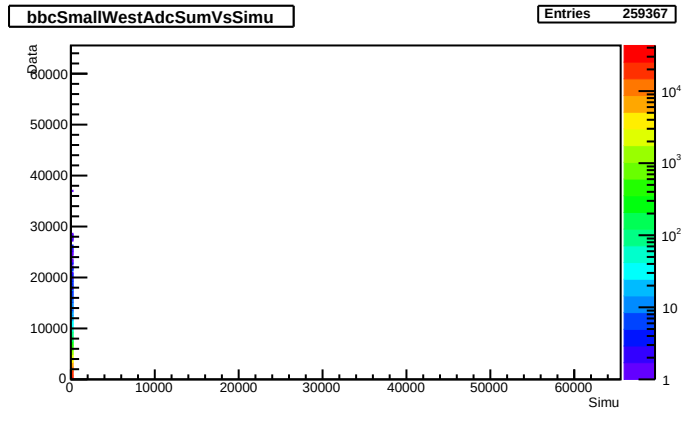
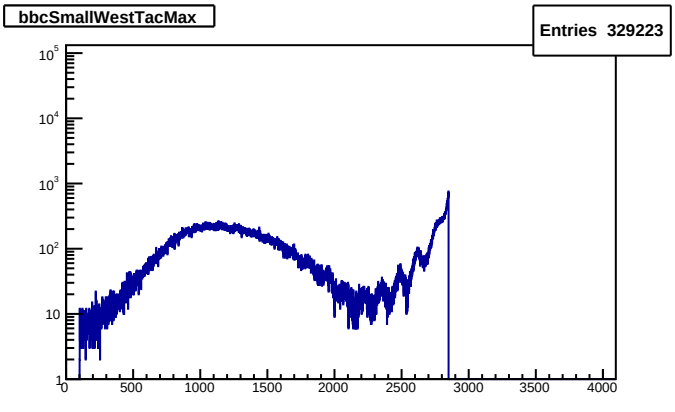
Entries 265473
Data
Simu


bbcSmallWestAdcSum
Entries 329223


bbcSmallWestAdcSumVsSimu
Entries 259367
Data
Simu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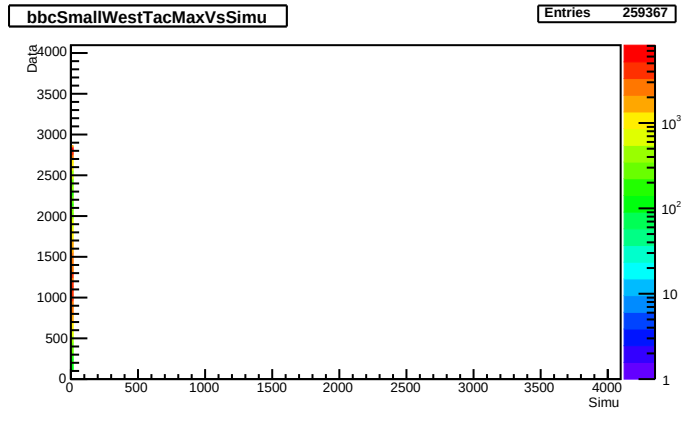
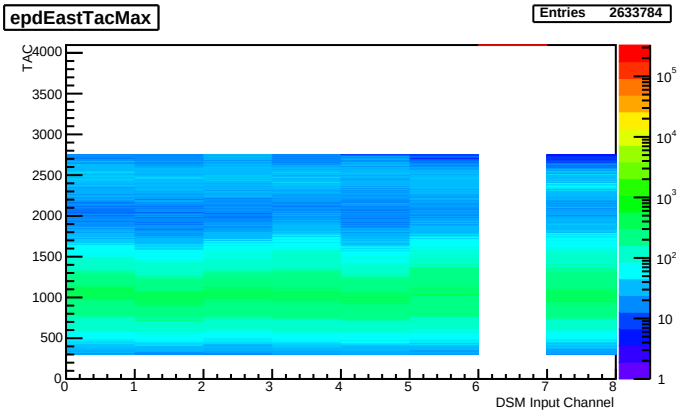
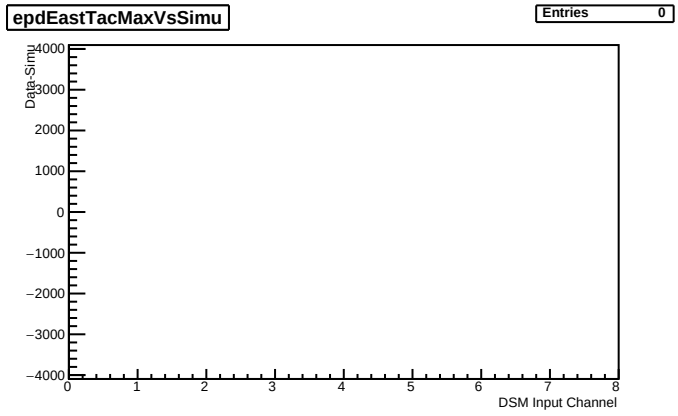
Entries 329223


bbcSmallWestTacMaxVsSimu
Entries 259367
Data
Simu


epdEastTacMax
Entries 2633784
TAC
DSM Input Channel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Entries 0
Data-Simu
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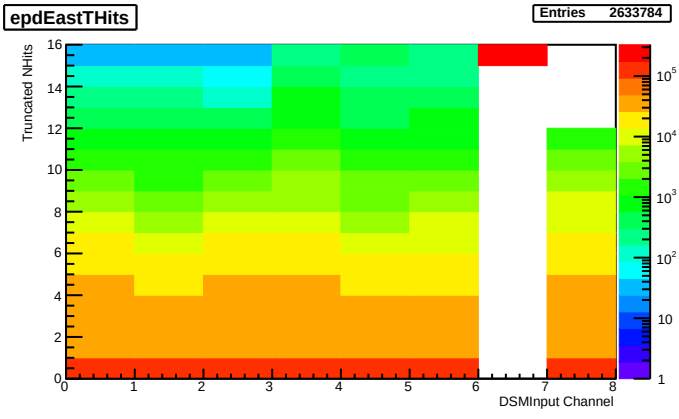
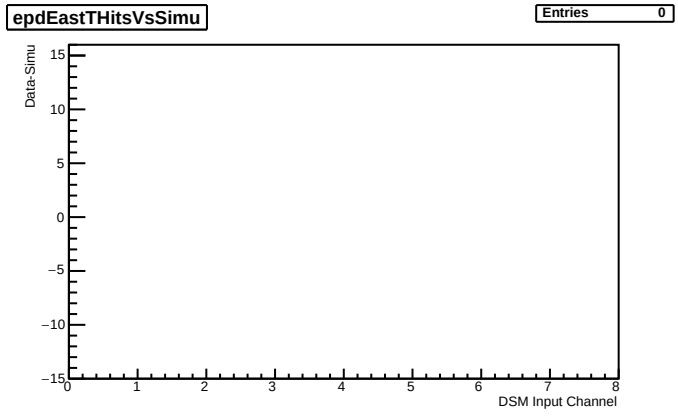

epdEastTHits
Entries 2633784
Truncated NHits
DSMInput Channel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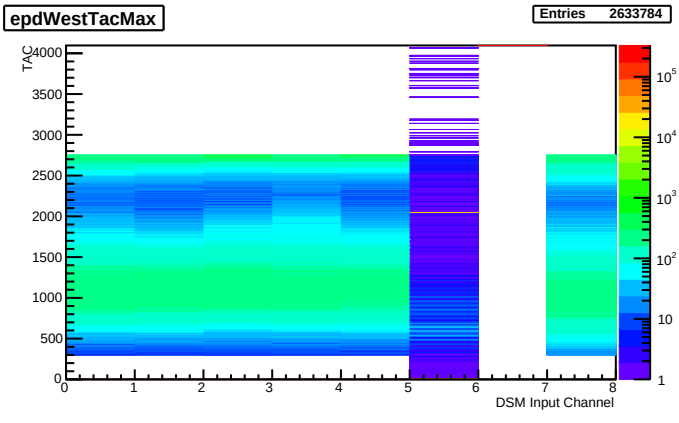
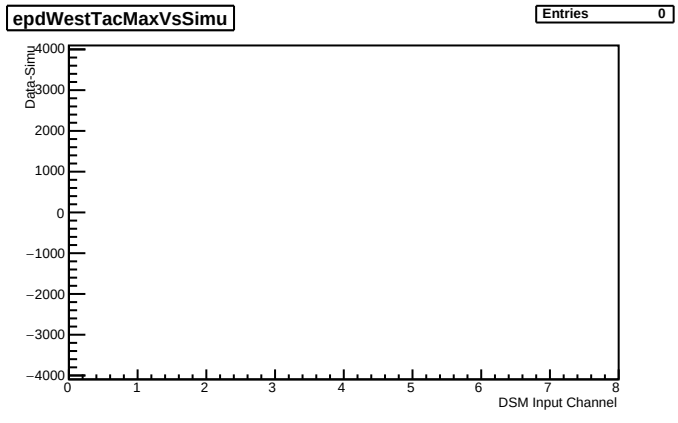
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2633784
TAC
DSM Input Channel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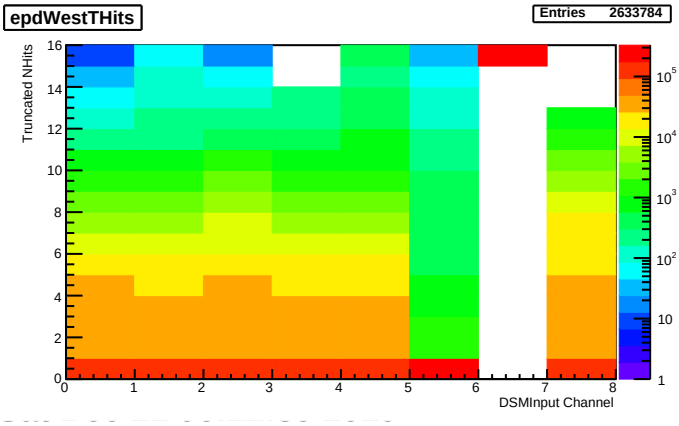
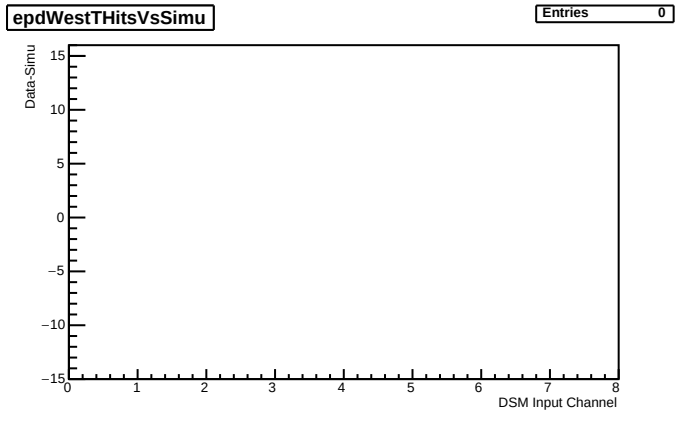
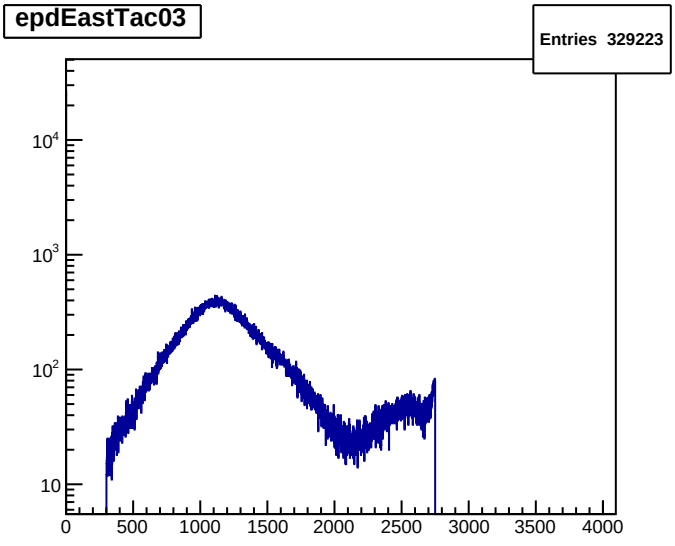
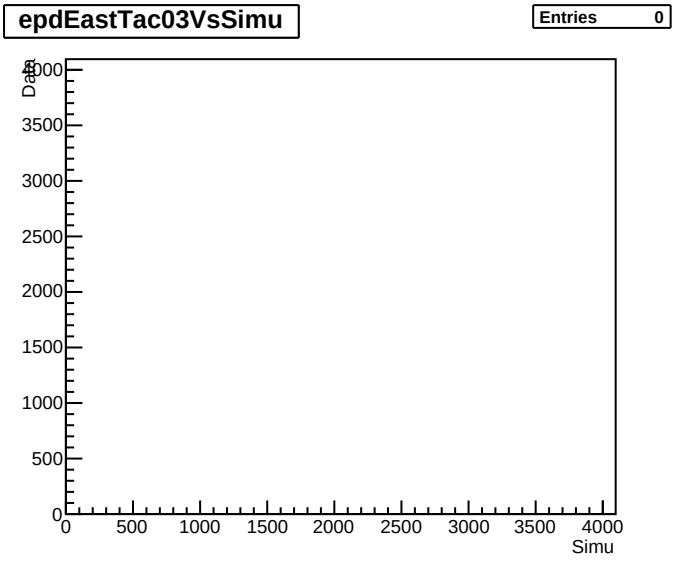
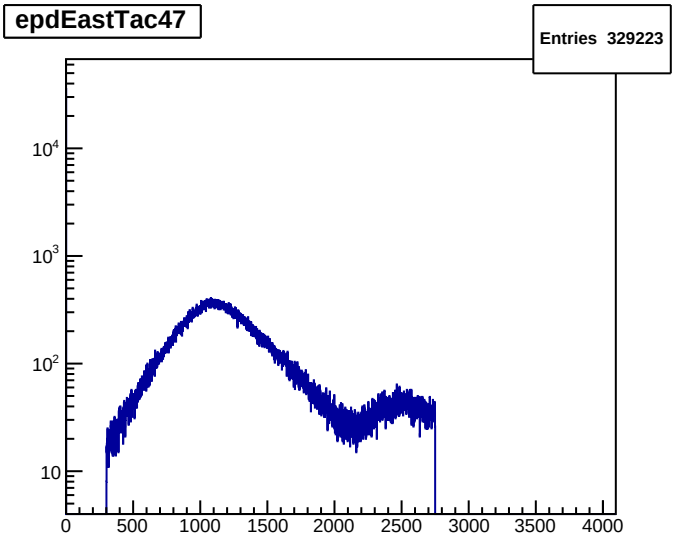
Entries 0
Data-Simu
DSM Input Channel

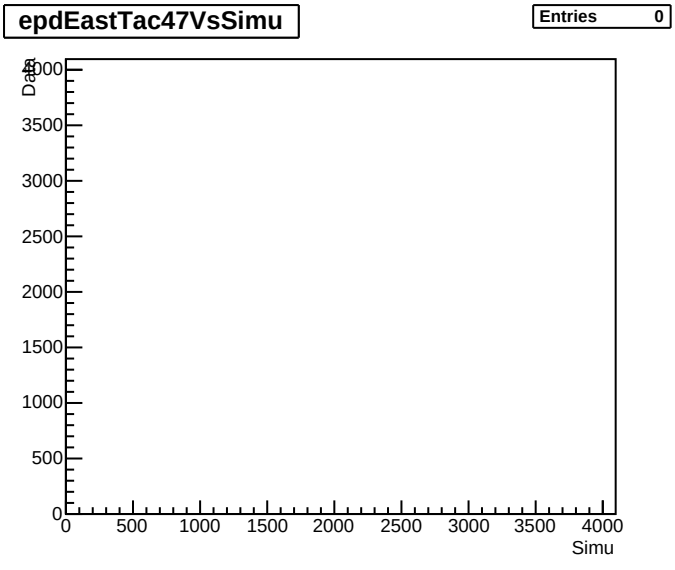

epdWestTHits
Entries 2633784
Truncated NHits
DSMInput Channel

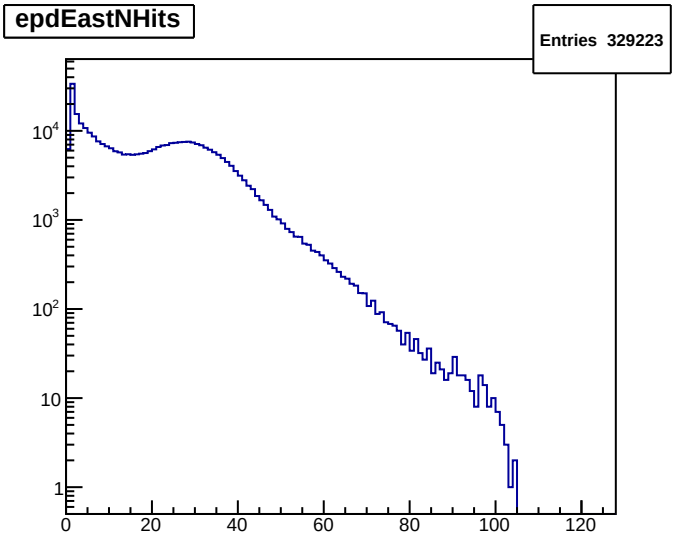

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

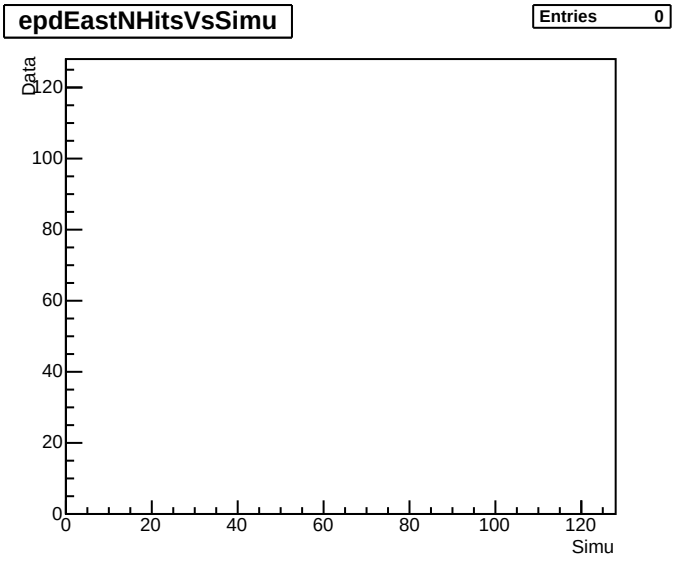

epdEastTac03
Entries 329223


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 329223


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 329223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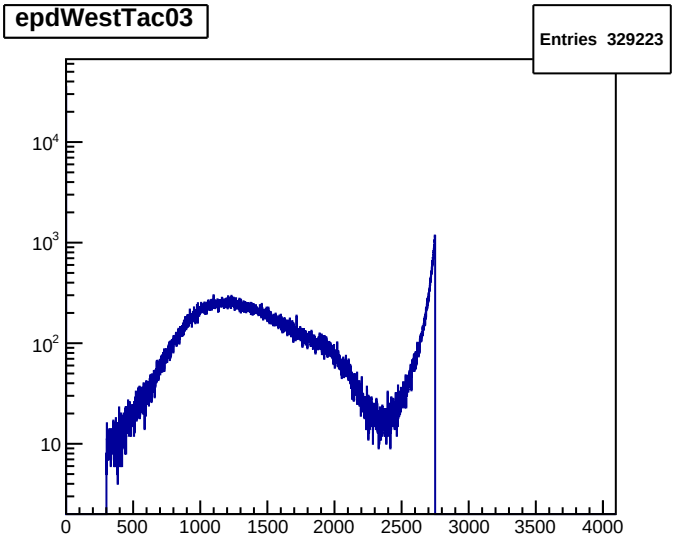
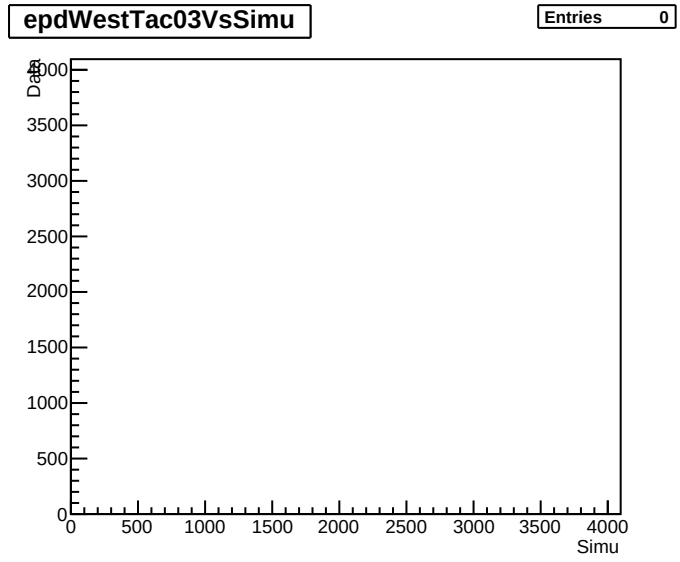
Entries 0
Data
Simu


epdWestTac03
Entries 329223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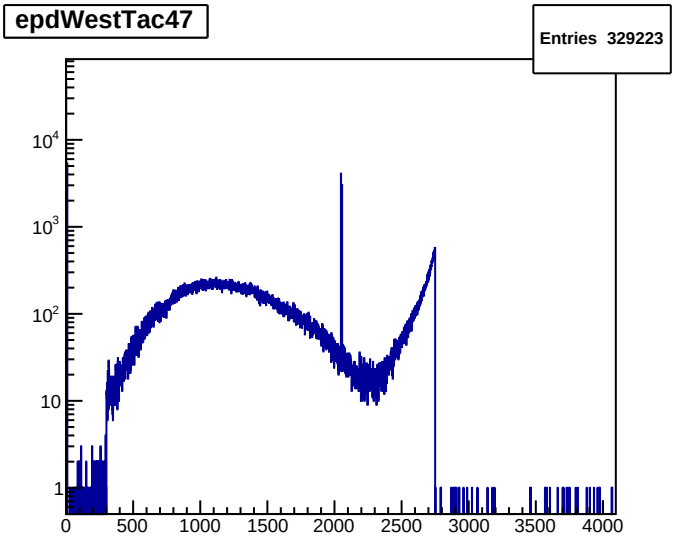
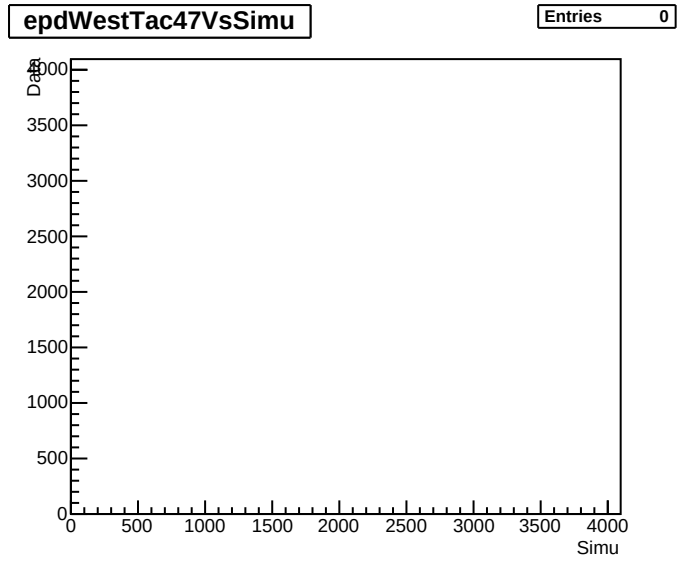
Entries 0
Data
Simu


epdWestTac47
Entries 329223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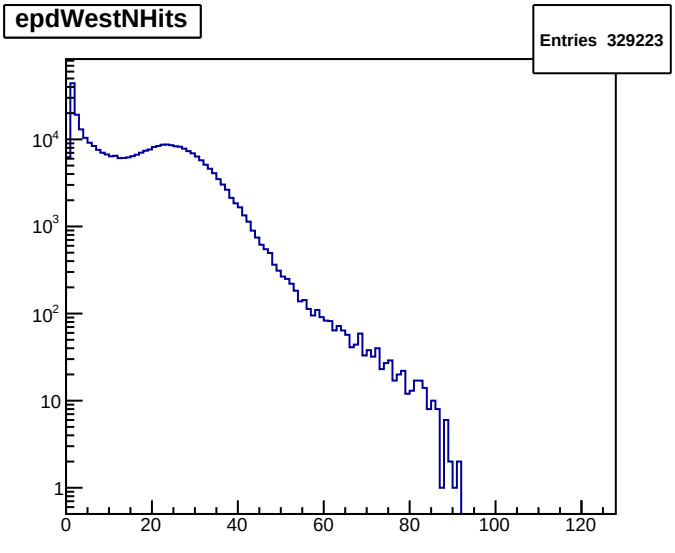
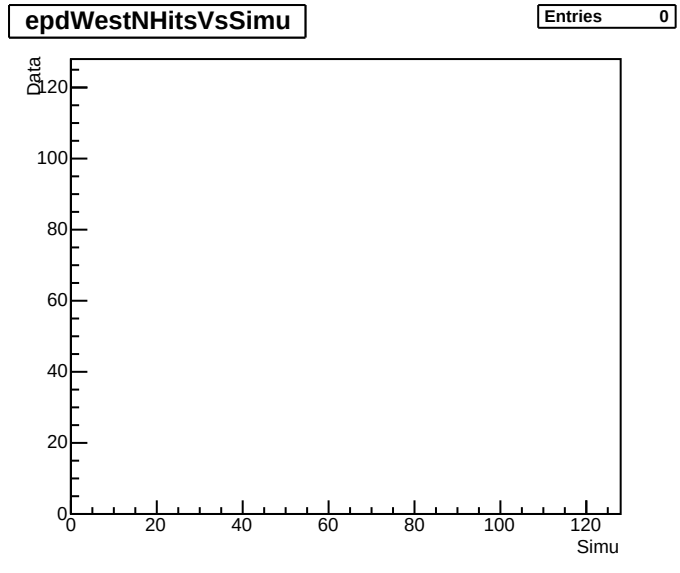
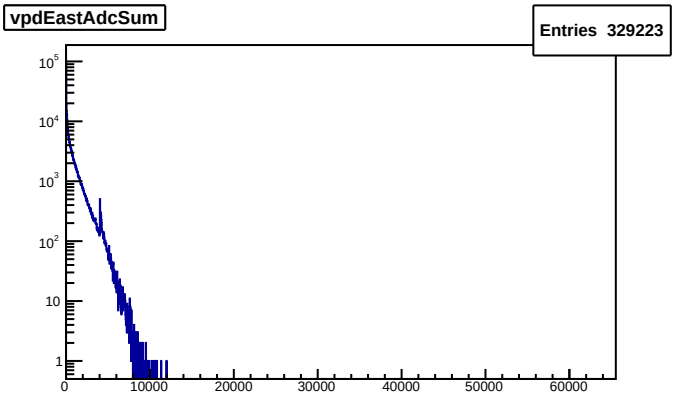
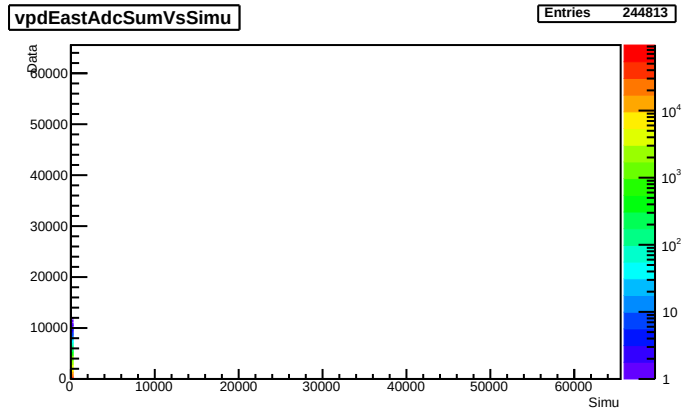
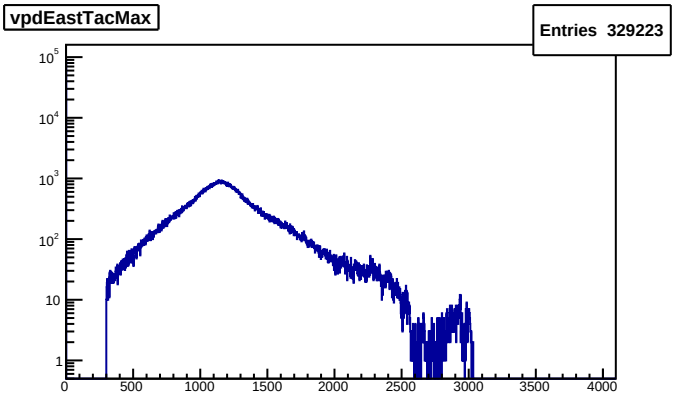
Entries 0
Data
Simu

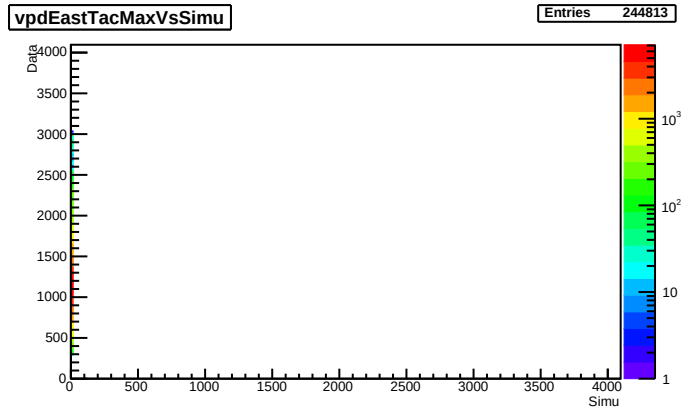

epdWestNHits
Entries 329223

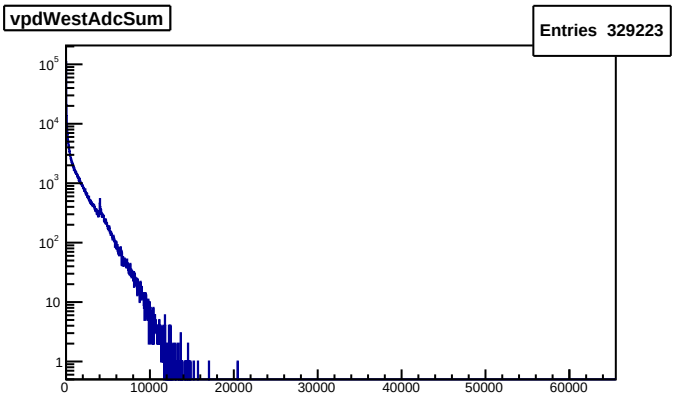

epdWestNHitsVsSimu
Entries 0
Data
Simu

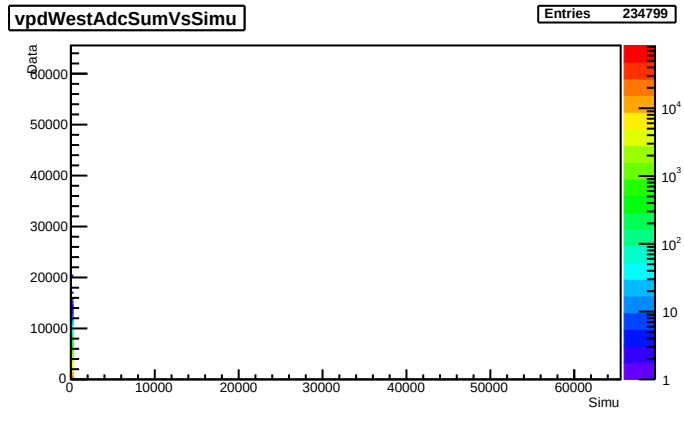

vpdEastAdcSum
Entries 329223

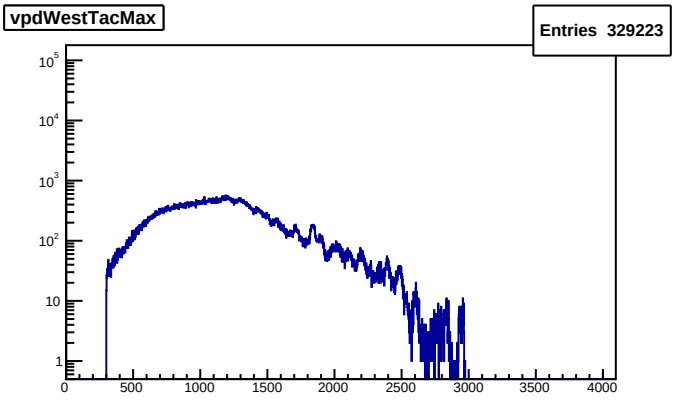

vpdEastAdcSumVsSimu
Entries 244813
Data
Simu

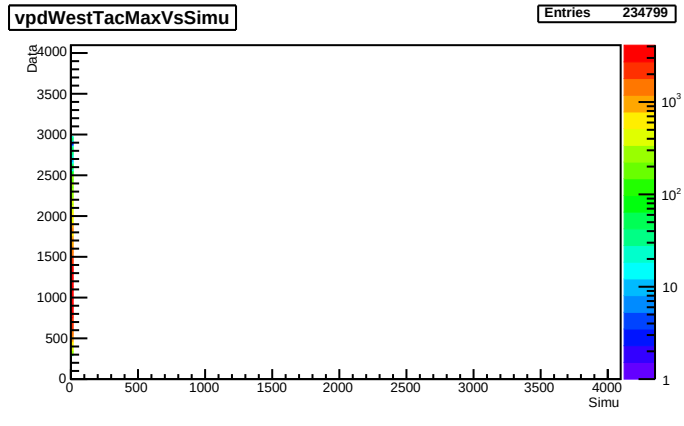

vpdEastTacMax
Entries 329223

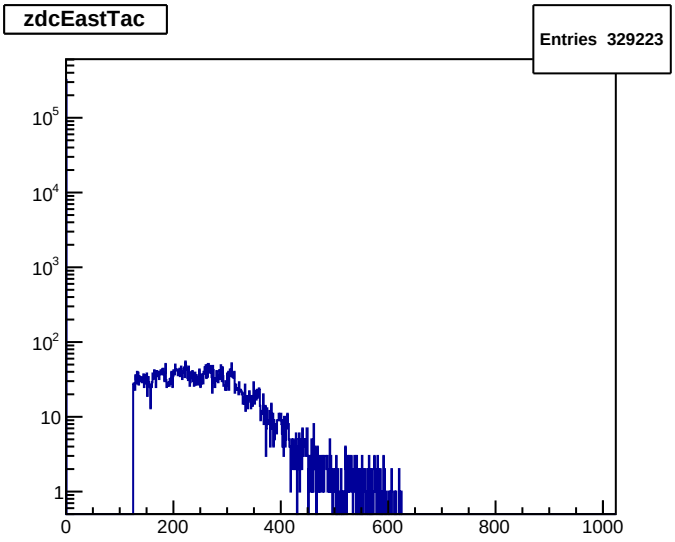

vpdEastTacMaxVsSimu
Entries 244813
Data
Simu

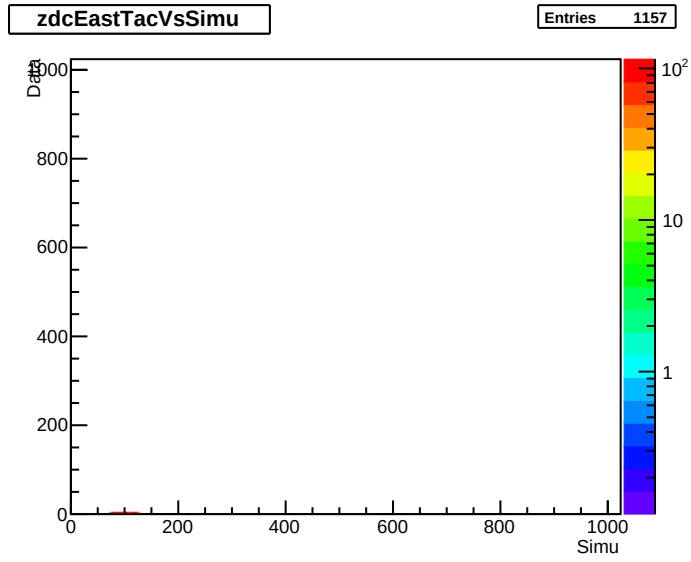

vpdWestAdcSum
Entries 329223

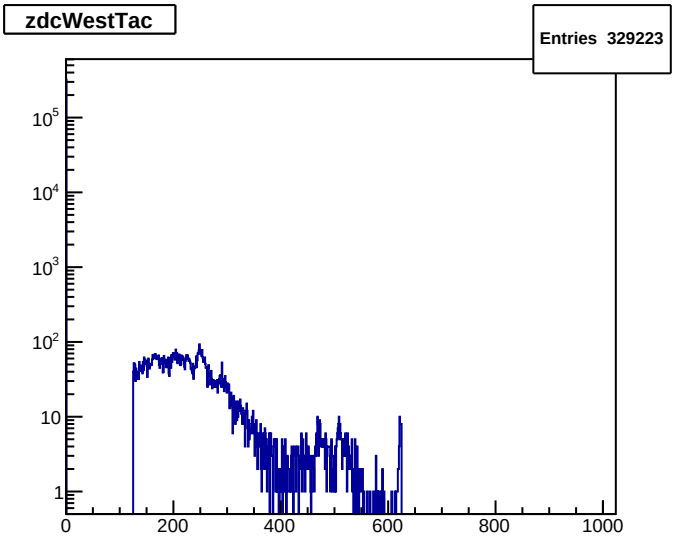

vpdWestAdcSumVsSimu
Entries 234799
Data
Simu

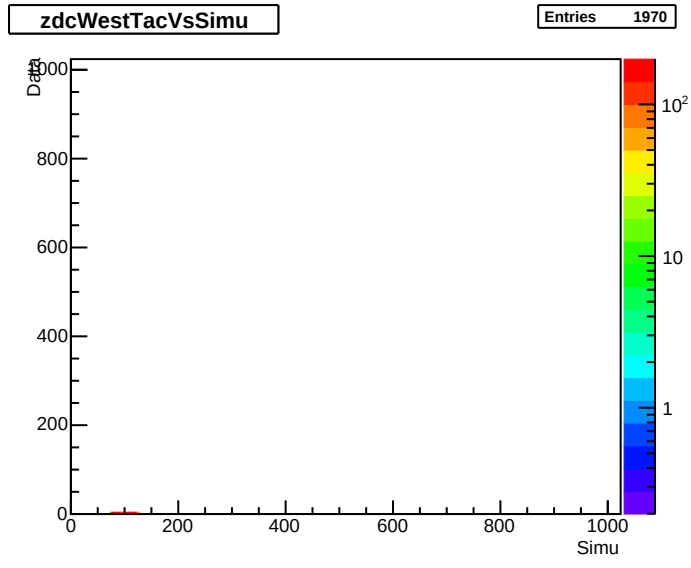

vpdWestTacMax
Entries 329223

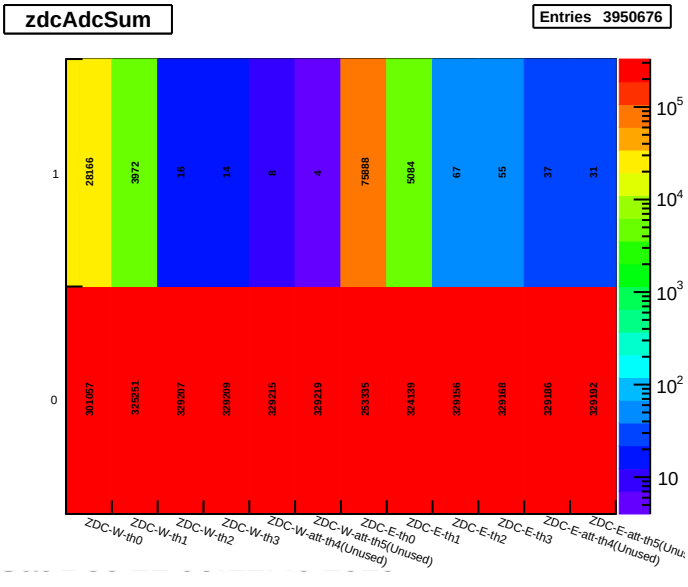

vpdWestTacMaxVsSimu
Entries 234799
Data
Simu

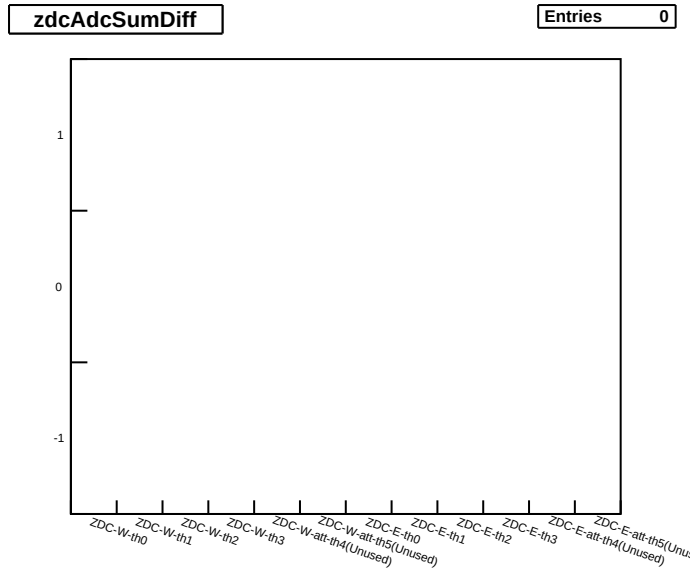

zdcEastTac
Entries 329223

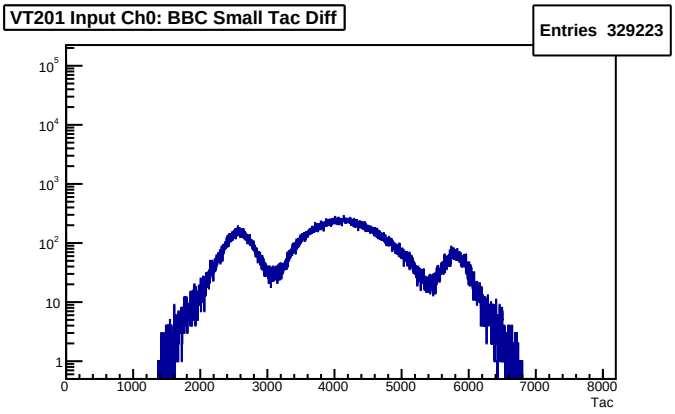

zdcEastTacVsSimu
Entries 1157
Data
Simu

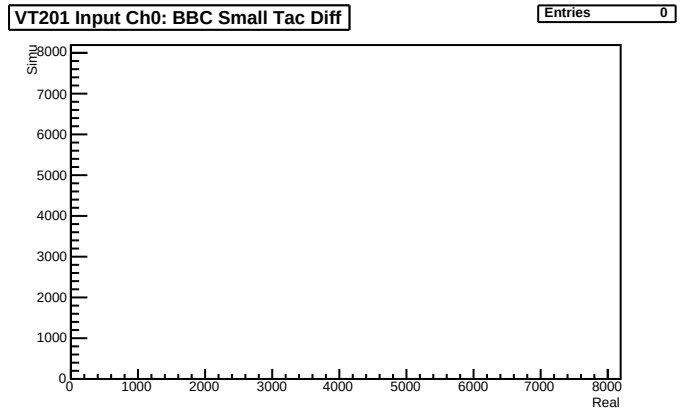

zdcWestTac
Entries 329223

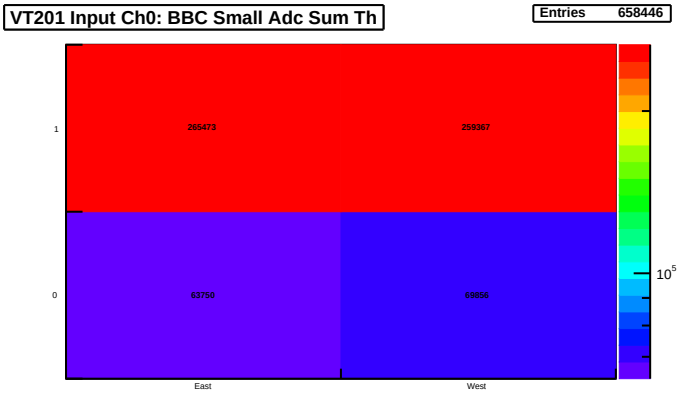

zdcWestTacVsSimu
Entries 1970
Data
Simu

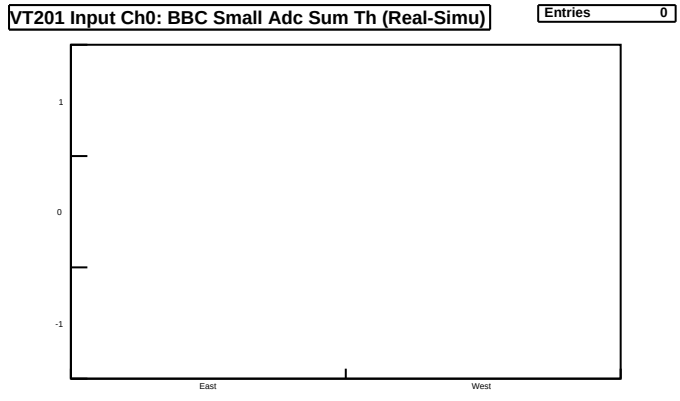

zdcAdcSum
Entries 3950676
28166
3972
16
14
8
4
75888
5084
67
55
37
31
301057
325251
329207
329209
329215
329219
253335
324139
329156
329168
329186
329192
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

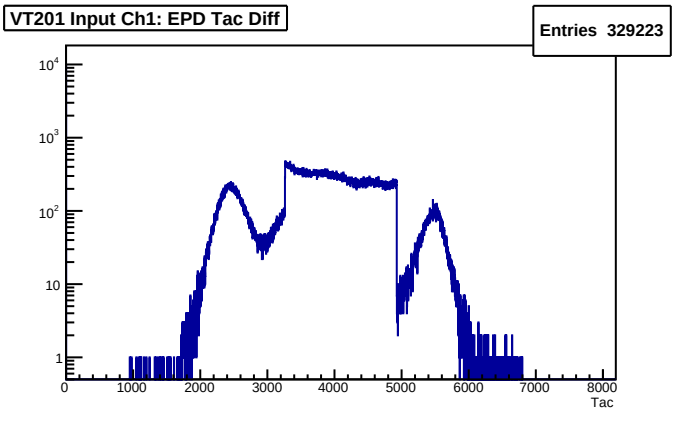

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

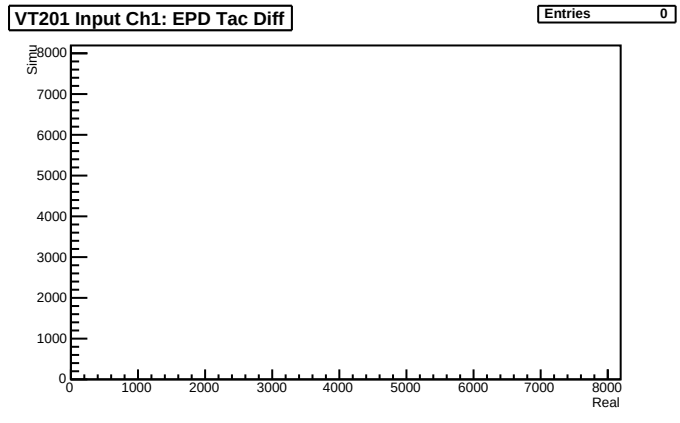

VT201 Input Ch0: BBC Small Tac Diff
Entries 329223
Tac

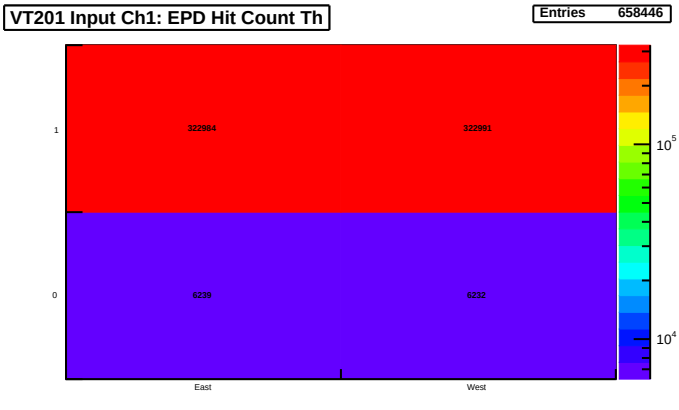

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

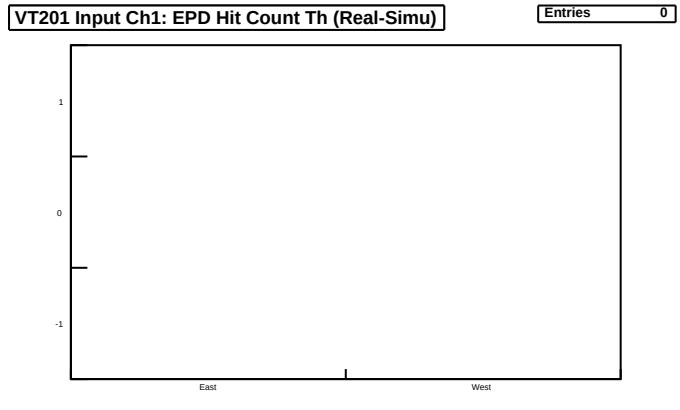

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 658446
265473
259367
63750
69856
East
West

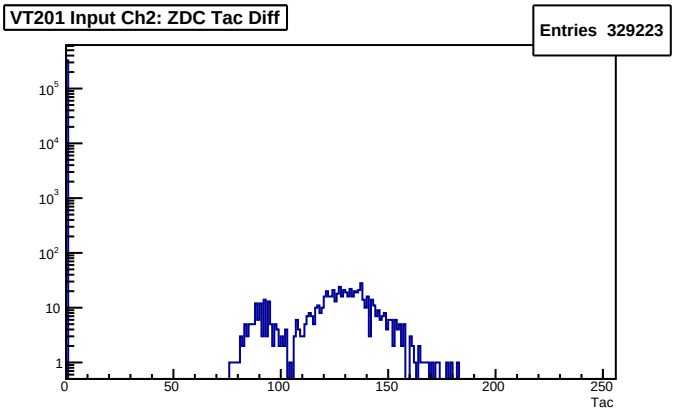

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

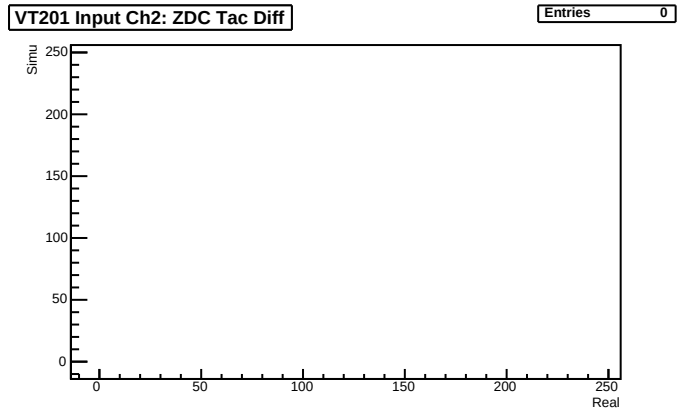

VT201 Input Ch1: EPD Tac Diff
Entries 329223
Tac

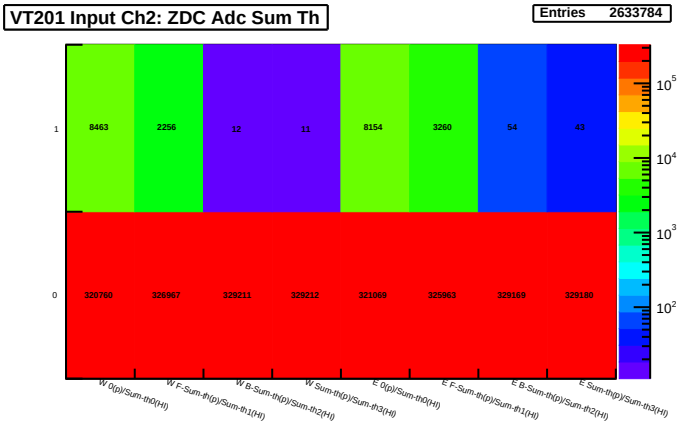

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

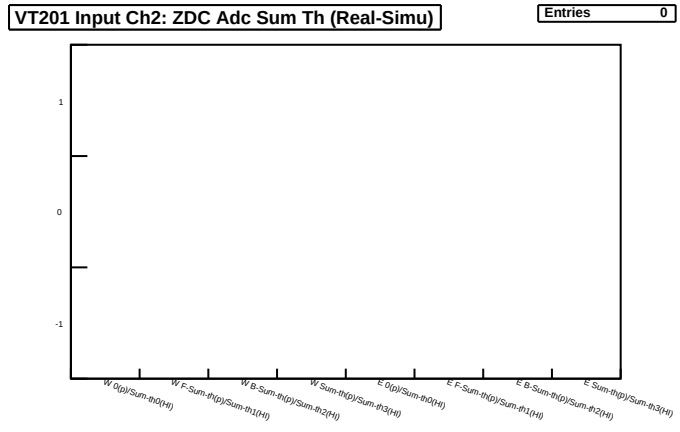

VT201 Input Ch1: EPD Hit Count Th
Entries 658446
322984
322991
6239
6232
East
West

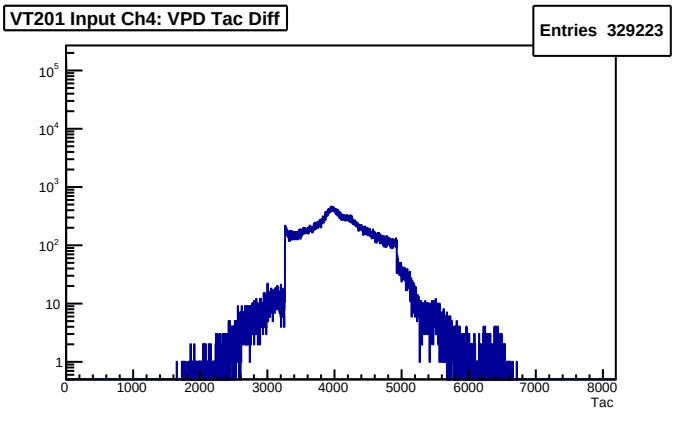

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

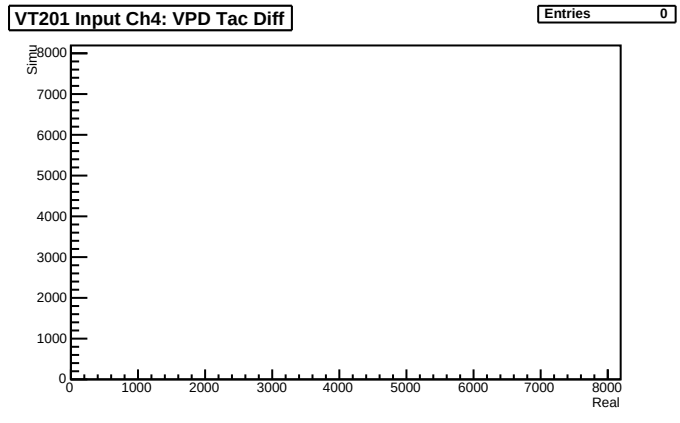

VT201 Input Ch2: ZDC Tac Diff
Entries 329223
Tac

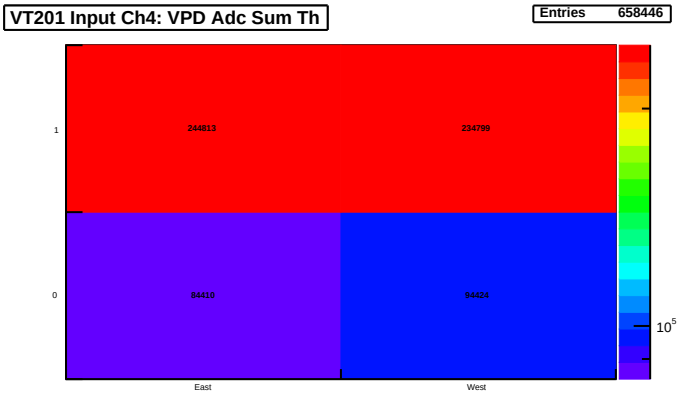

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

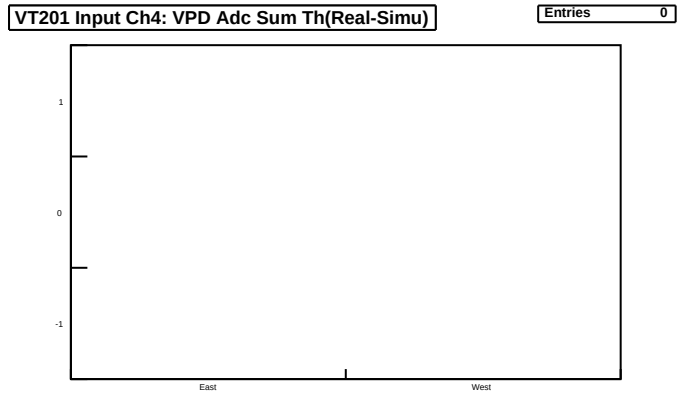

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2633784
8463
2256
12
11
8154
3260
54
43
320760
326967
329211
329212
321069
325963
329169
329180
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

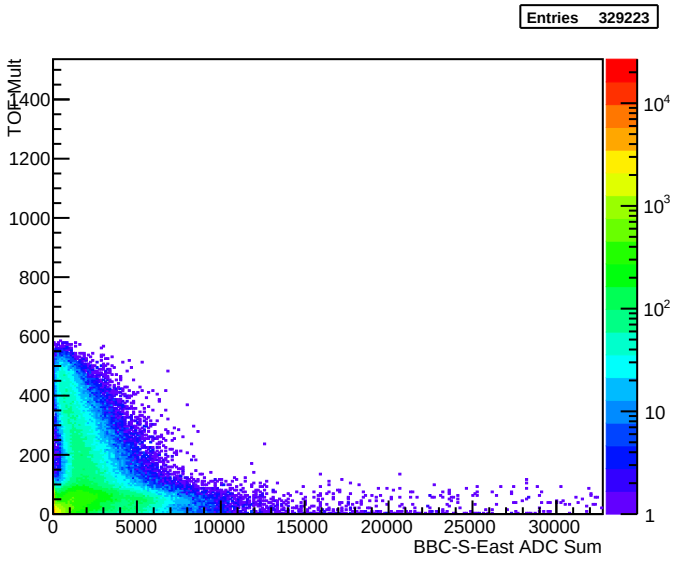

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

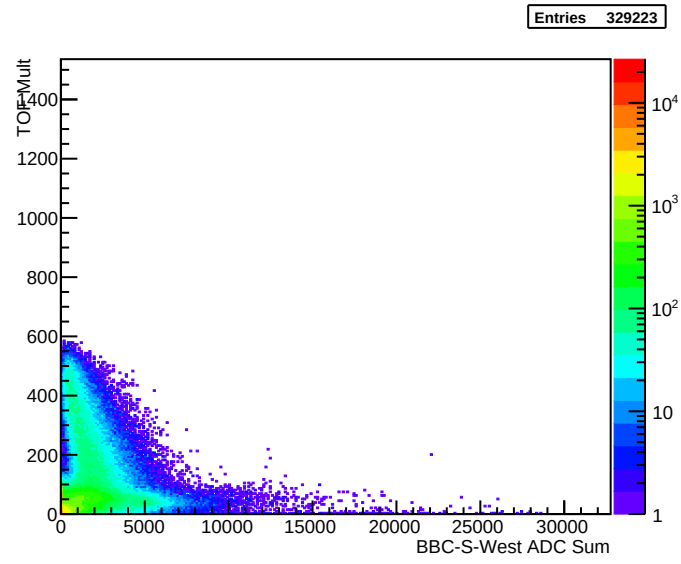

VT201 Input Ch4: VPD Tac Diff
Entries 329223
Tac

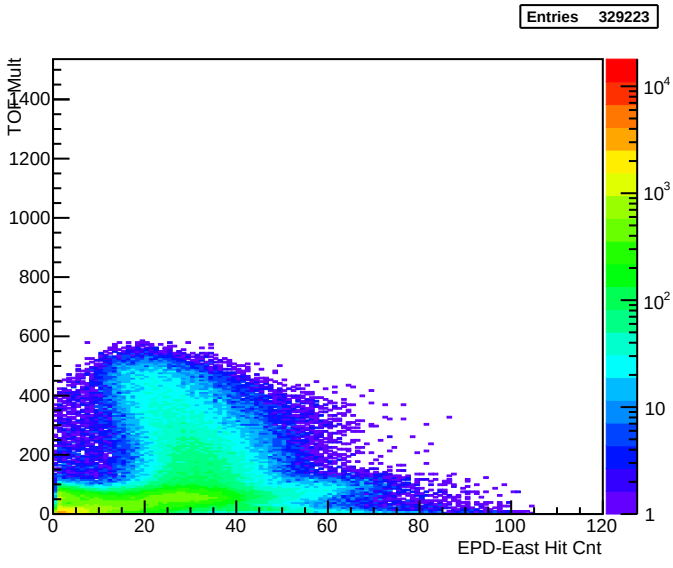

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

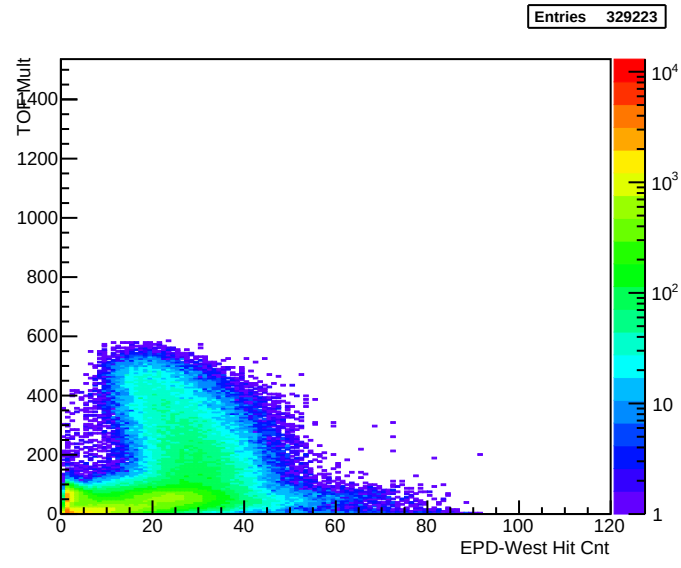

VT201 Input Ch4: VPD Adc Sum Th
Entries 658446
244813
234799
84410
94424
East
West

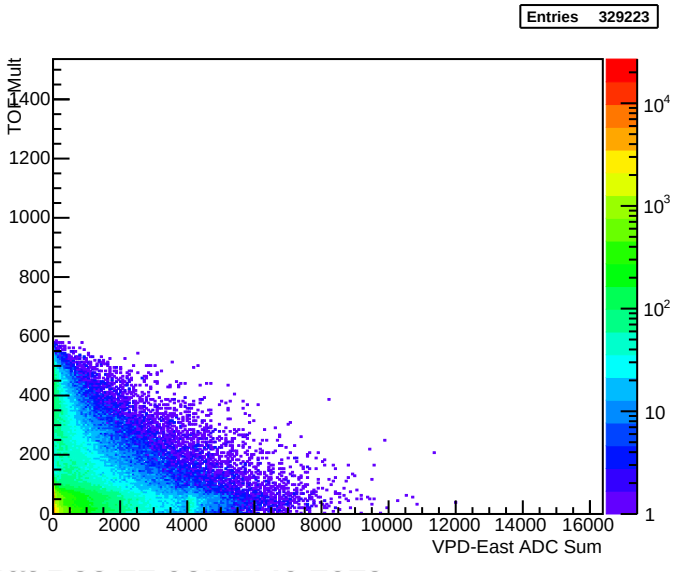

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

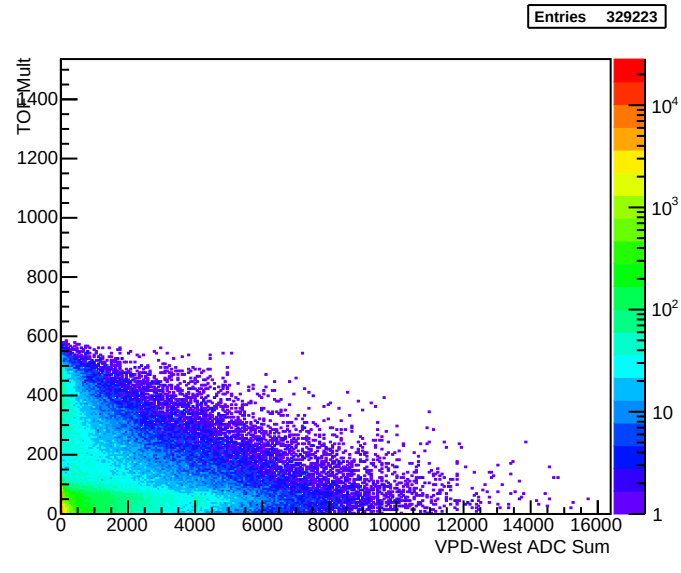

Entries 329223
TOF-Mult
BBC-S-East ADC Sum

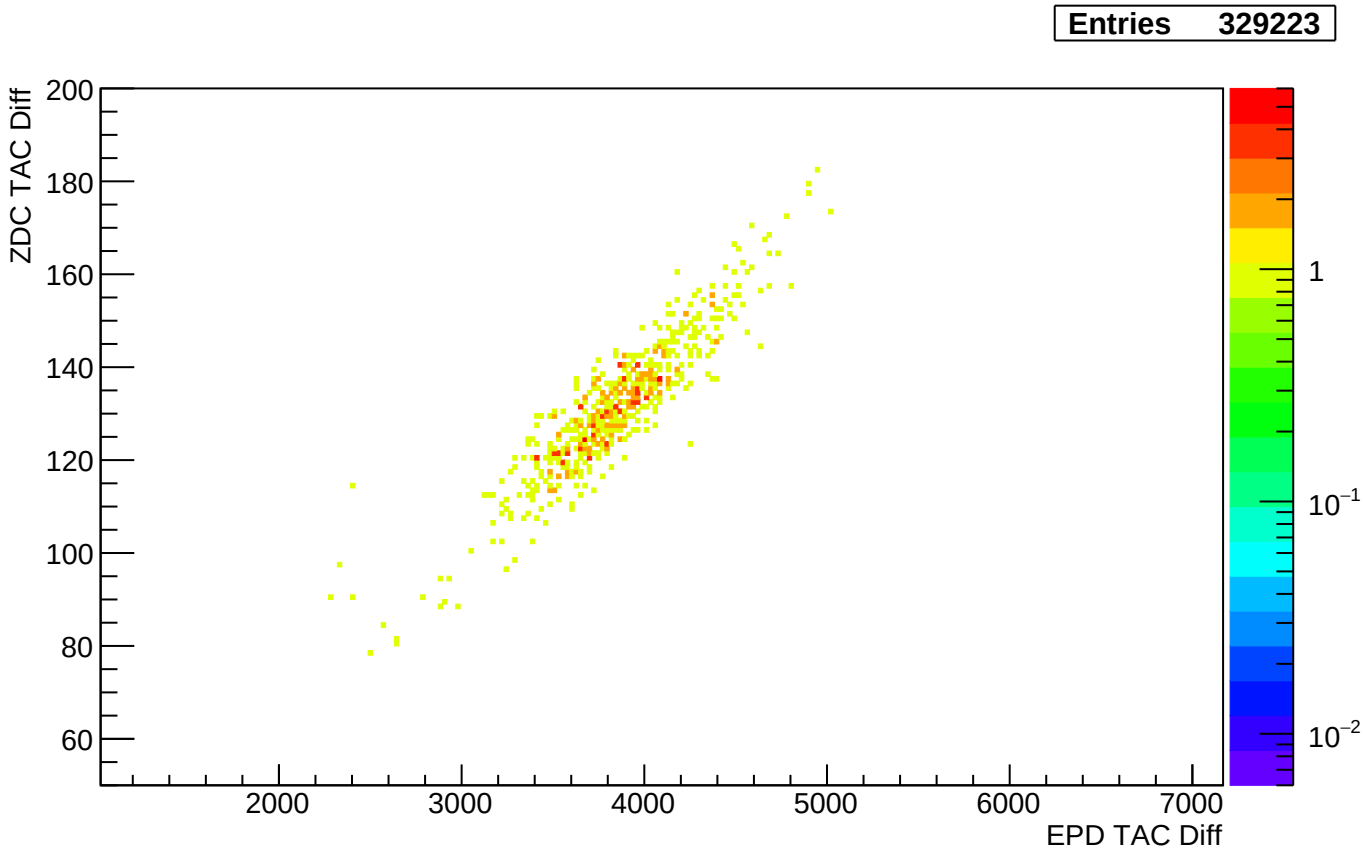

Entries 329223
TOF-Mult
BBC-S-West ADC Sum

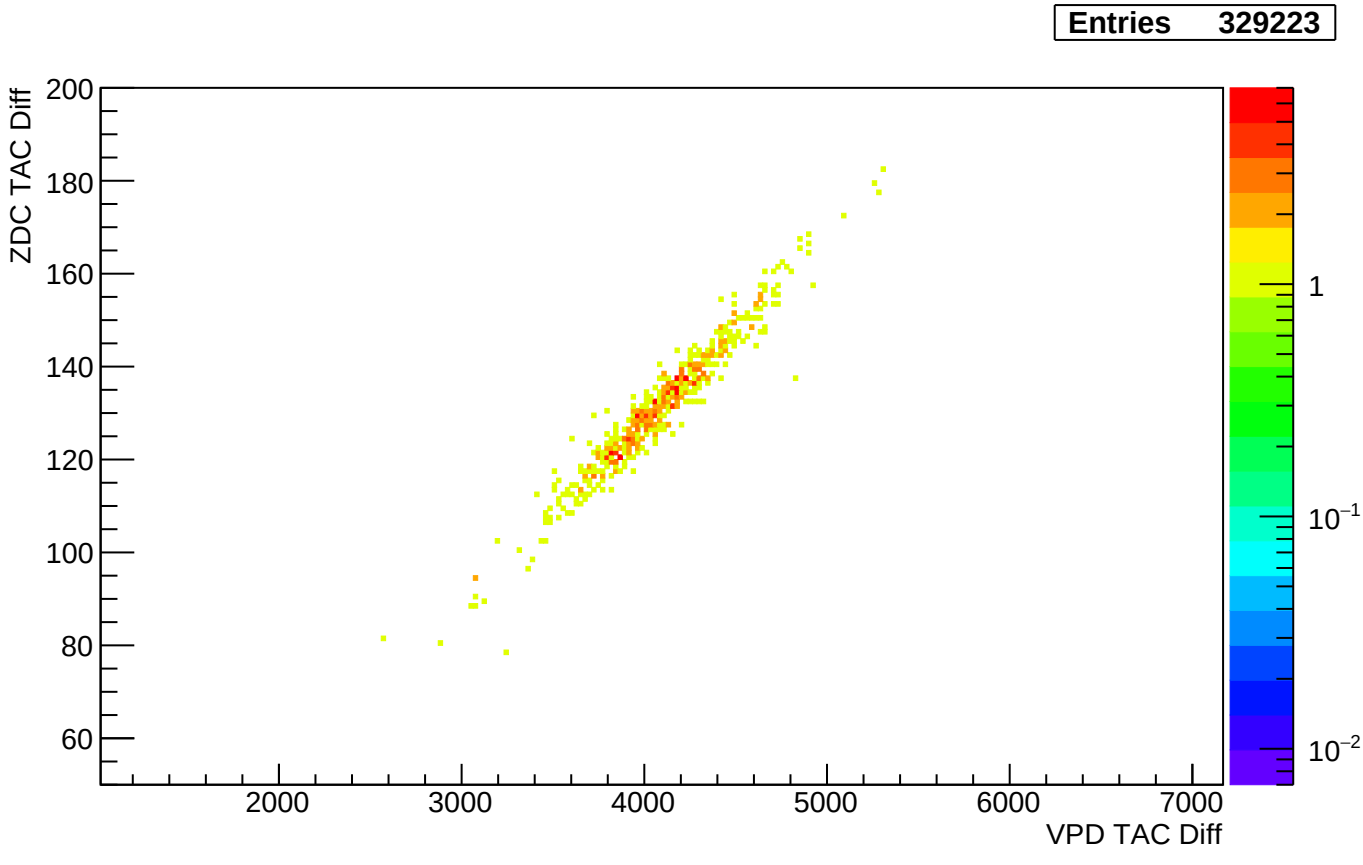

Entries 329223
TOF-Mult
EPD-East Hit Cnt

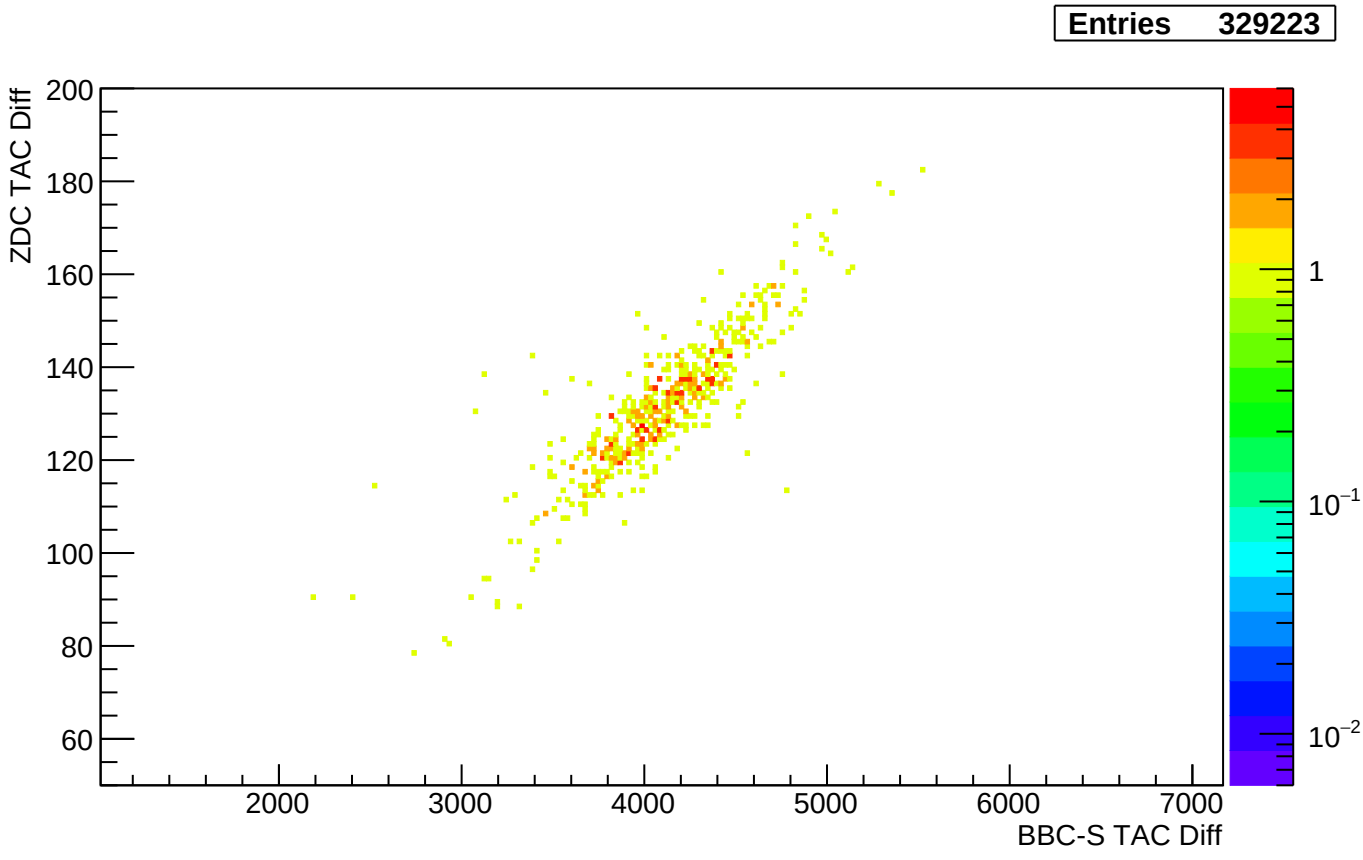

Entries 329223
TOF-Mult
EPD-West Hit Cnt

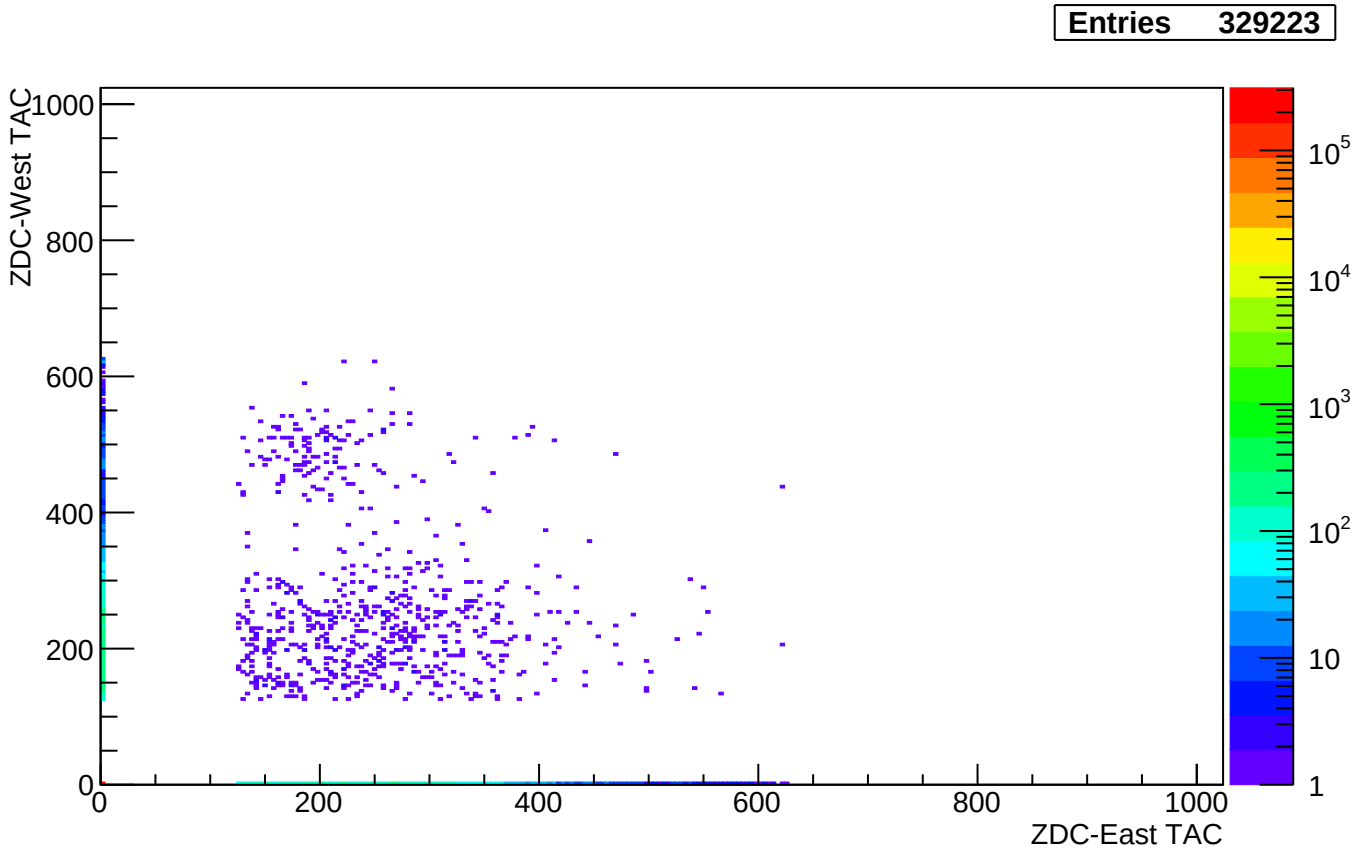

Entries 329223
TOF-Mult
VPD-East ADC Sum

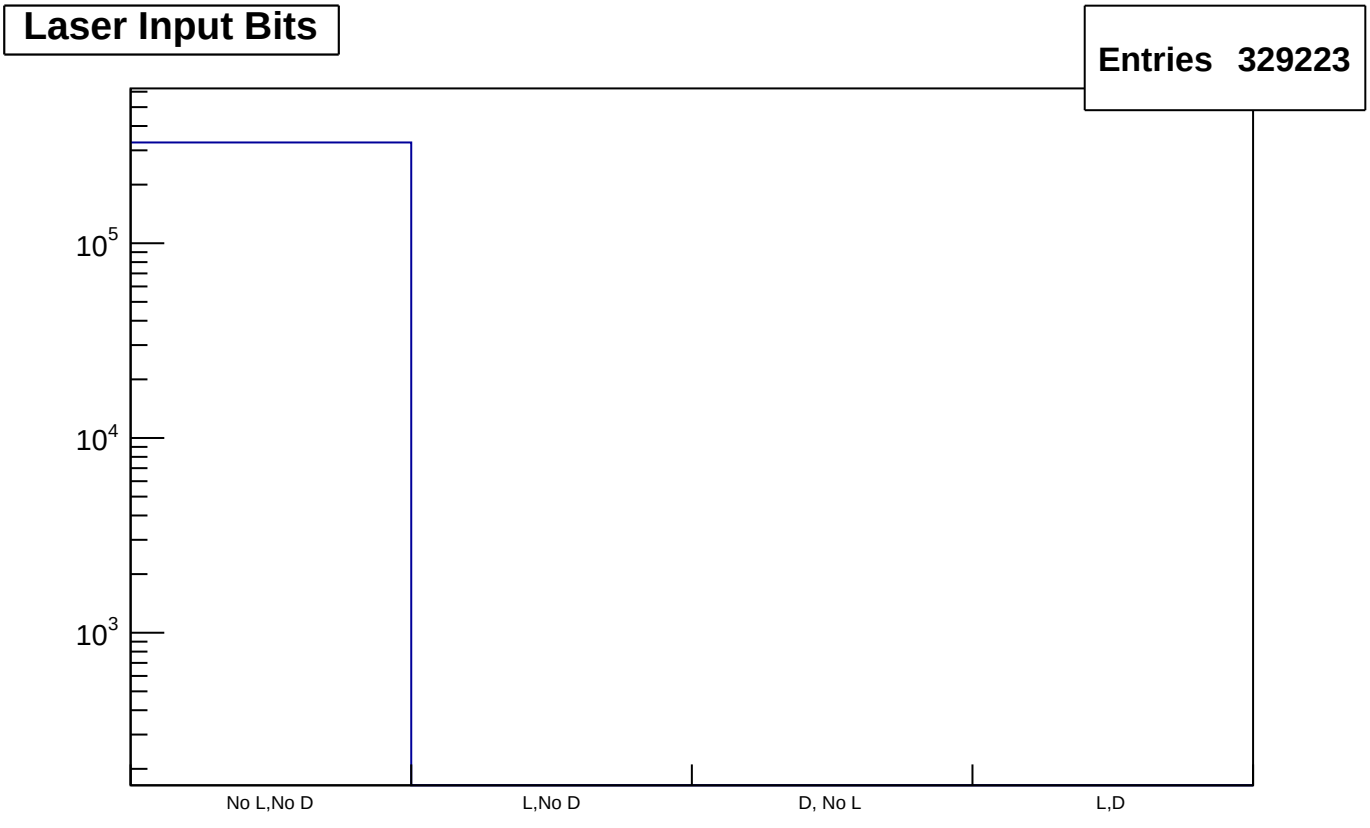

Entries 329223
TOF-Mult
VPD-West ADC Sum

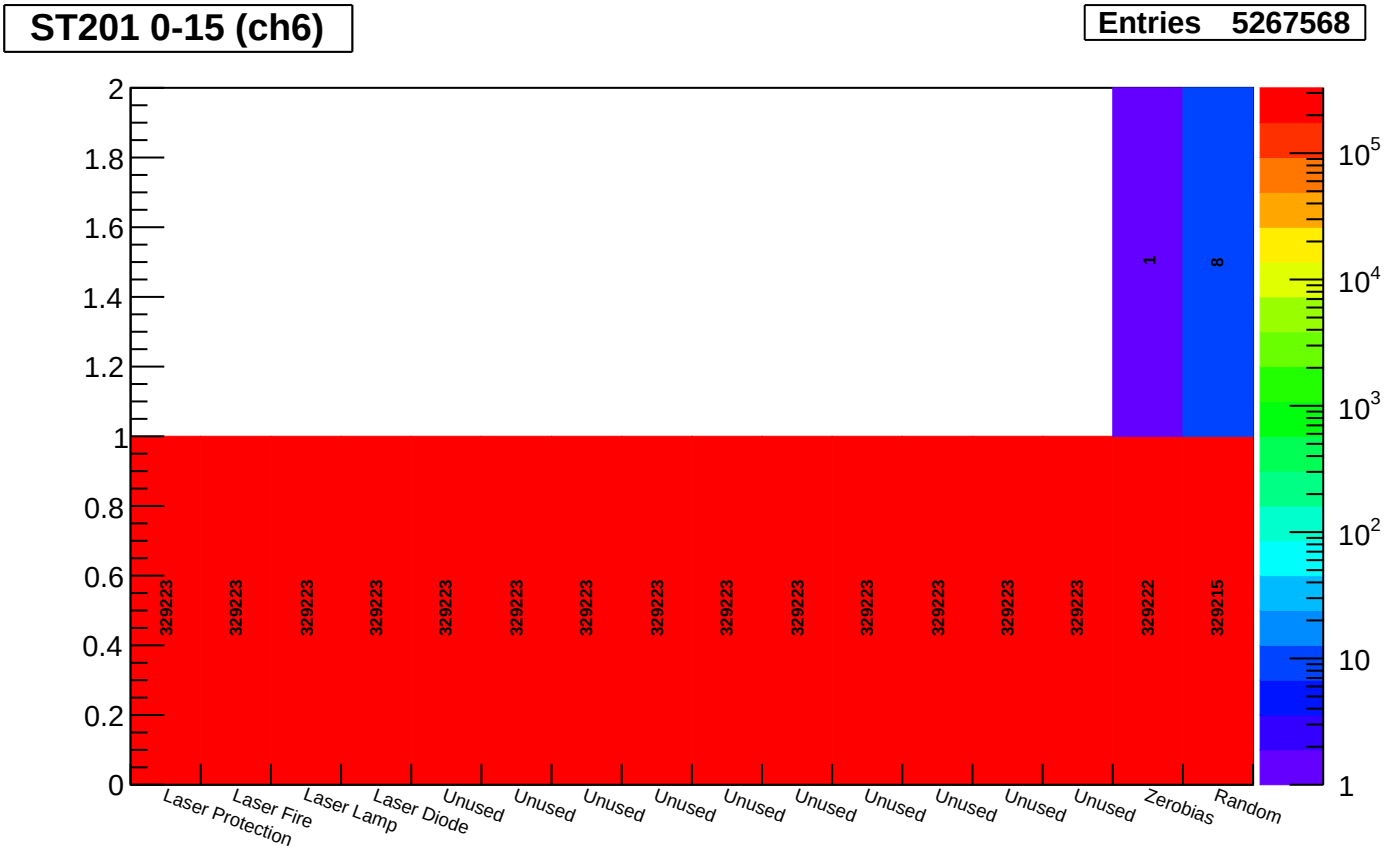

Entries 329223
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

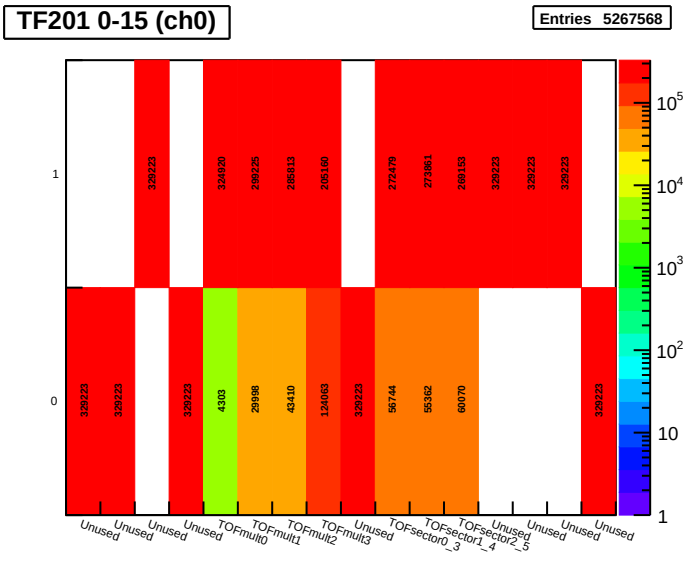

Entries 329223
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

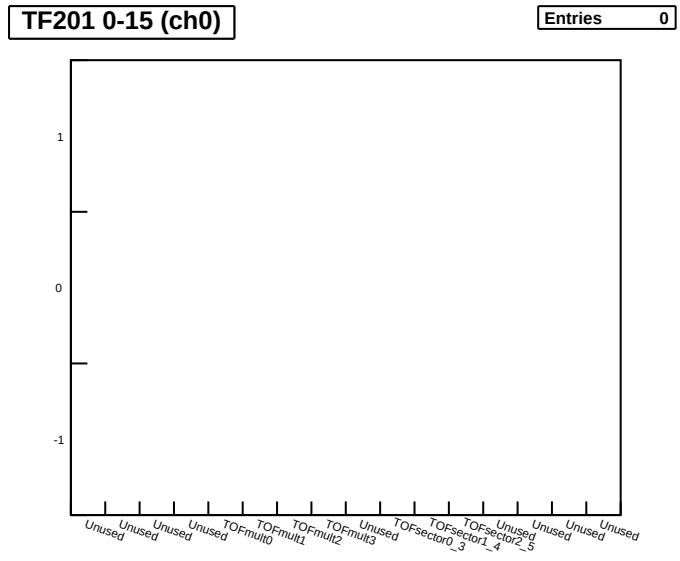

Entries 329223
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

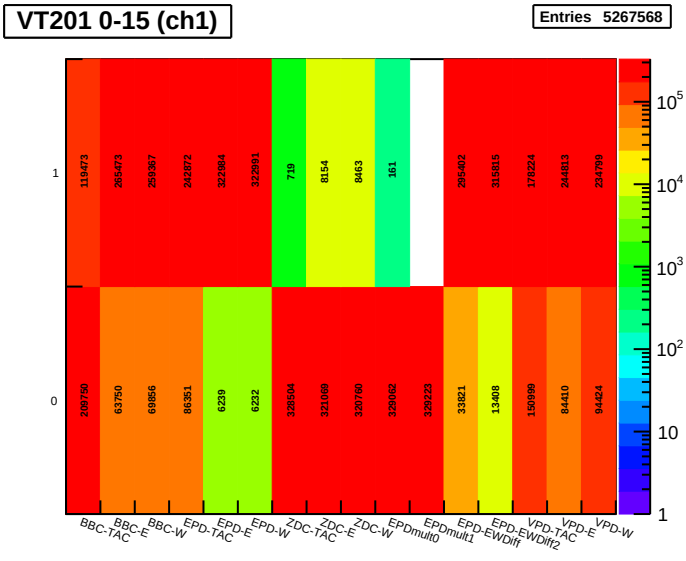

Entries 329223
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

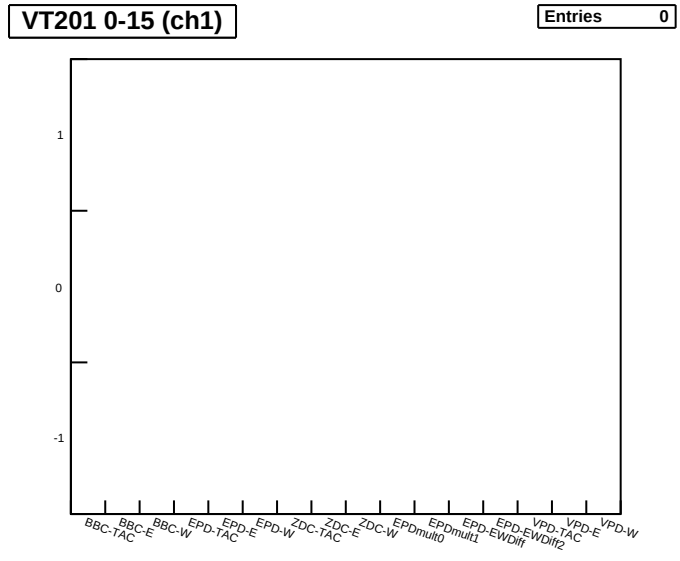

Laser Input Bits
Entries 329223
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

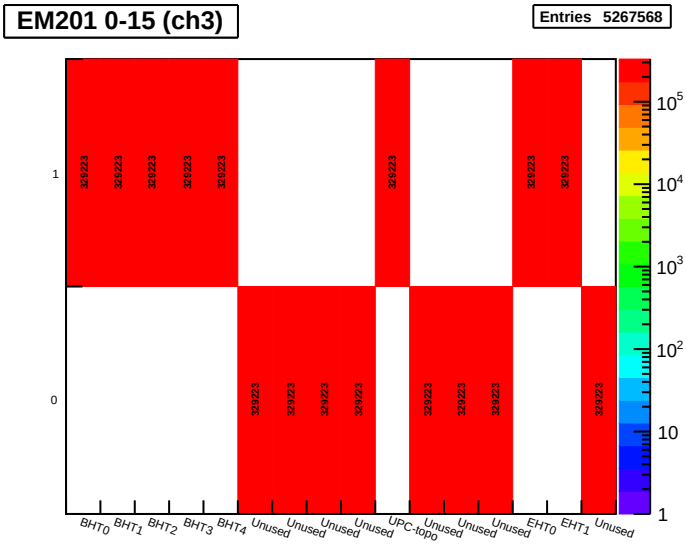

ST201 0-15 (ch6)
Entries 5267568
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329222
329215
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

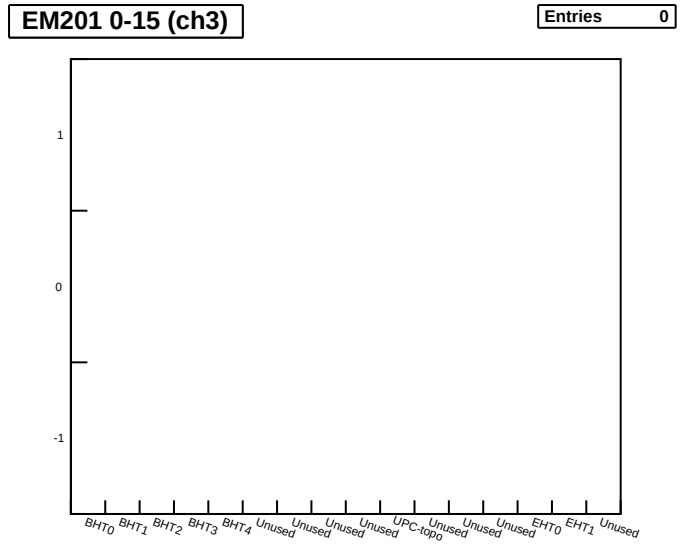

TF201 0-15 (ch0)
Entries 5267568
1
0
329223
324920
298225
285813
295160
272479
273861
269153
329223
329223
329223
329223
329223
329223
329223
4303
29998
43410
124063
329223
56744
55362
60070
329223
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 5267568
1
0
119473
265473
259367
242872
322984
322991
719
8154
8463
161
295402
315815
178224
244813
234799
209750
63750
69856
86351
6239
6232
328504
321069
320760
329062
329223
33821
13408
150999
84410
94424
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 5267568
1
0
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
329223
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