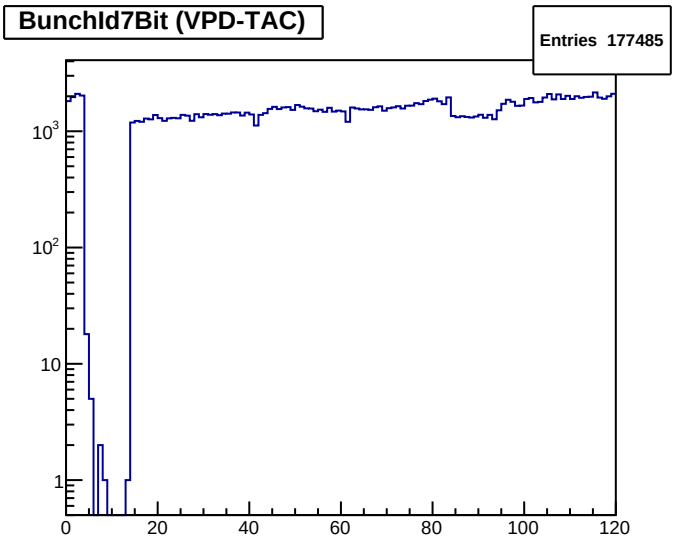
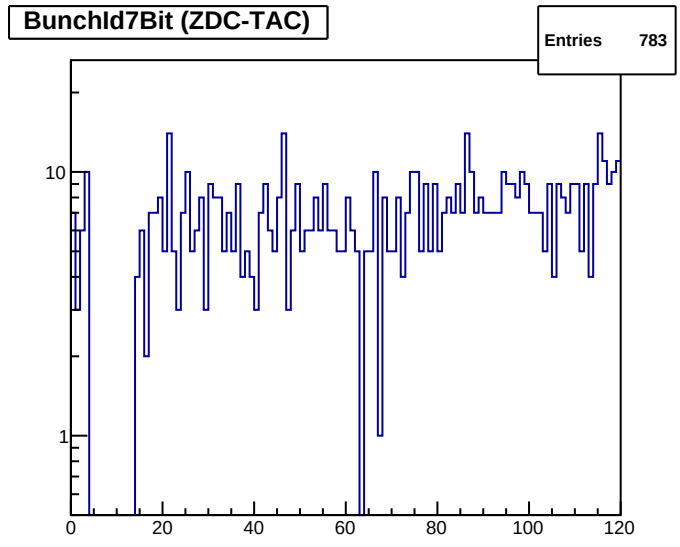
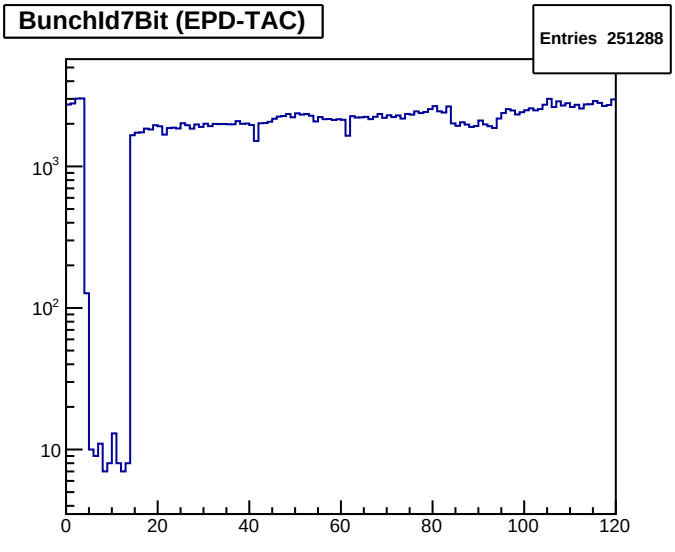
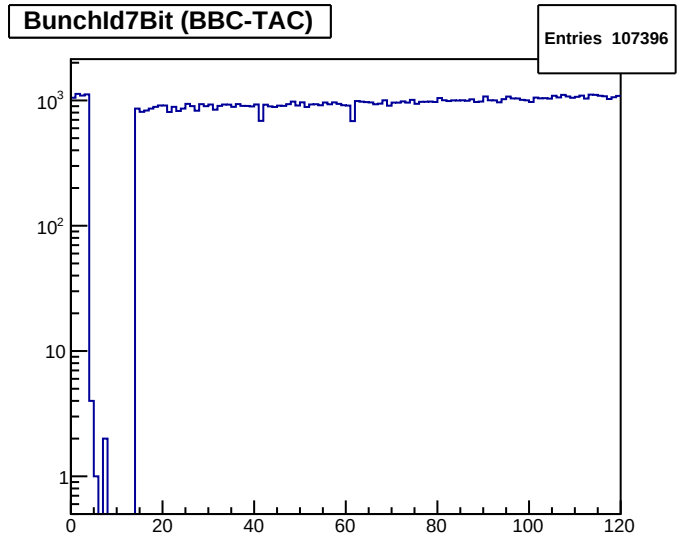
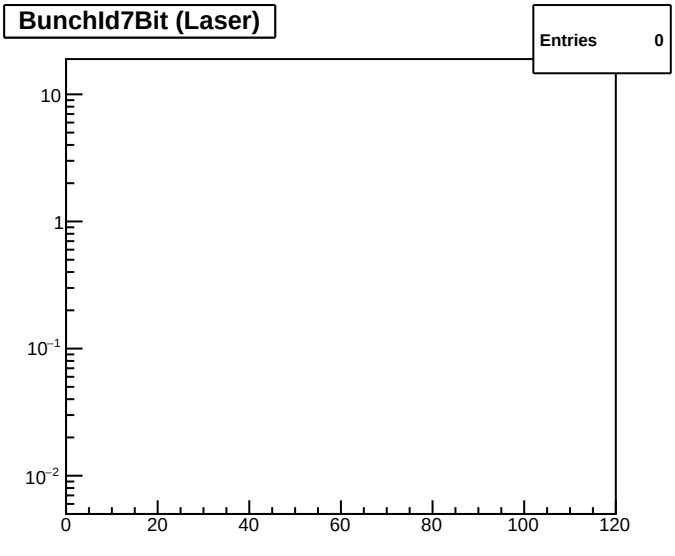
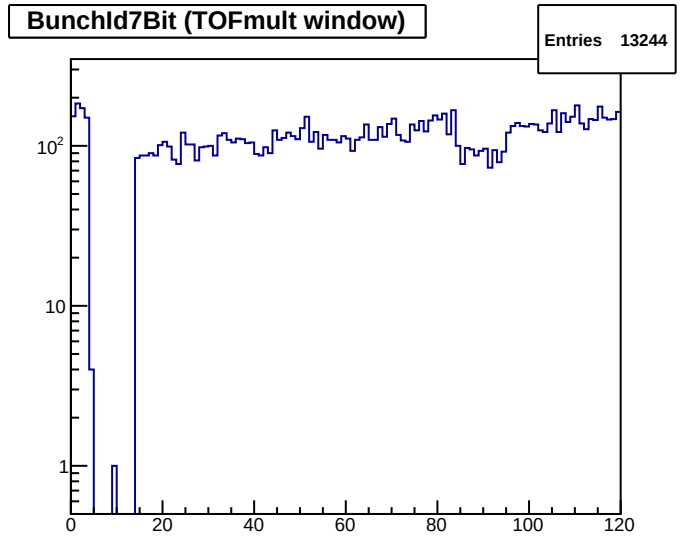

BunchId7Bit (VPD-TAC)
Entries 177485

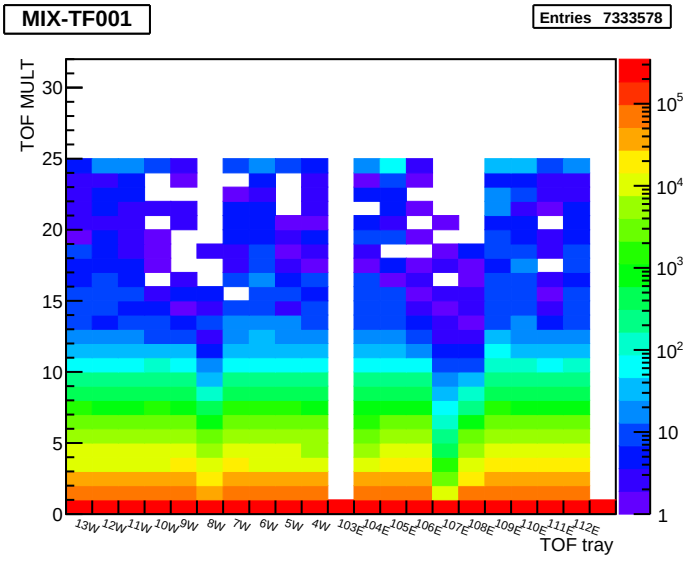

BunchId7Bit (ZDC-TAC)
Entries 783

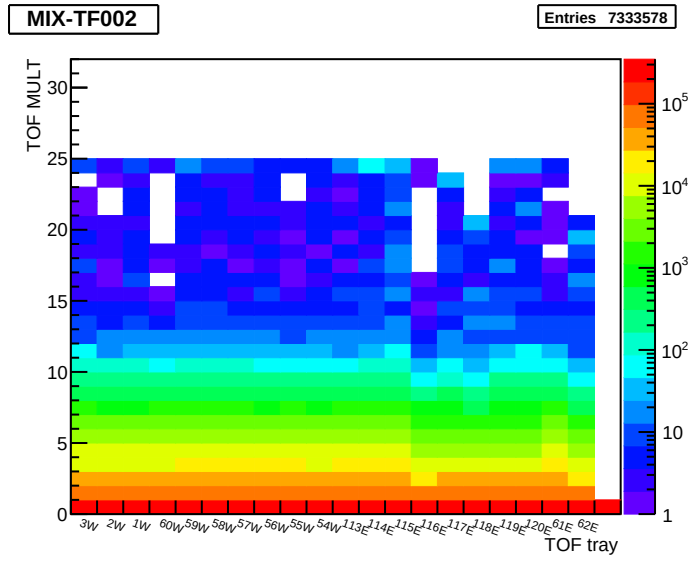

BunchId7Bit (EPD-TAC)
Entries 251288

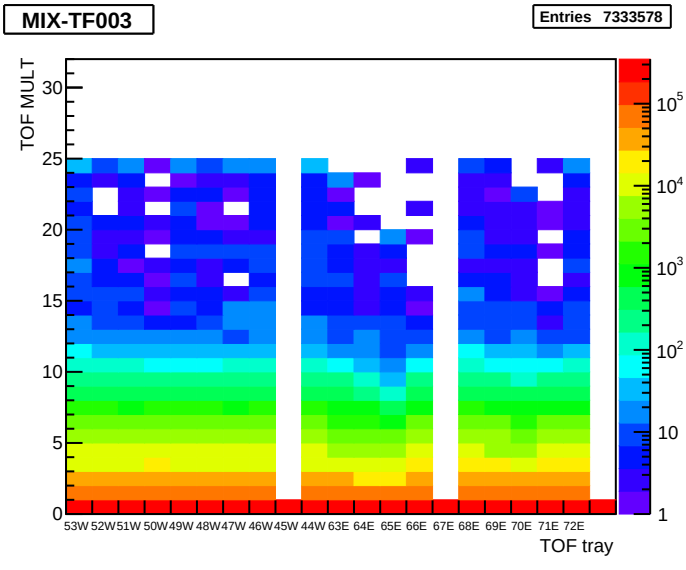

BunchId7Bit (BBC-TAC)
Entries 107396

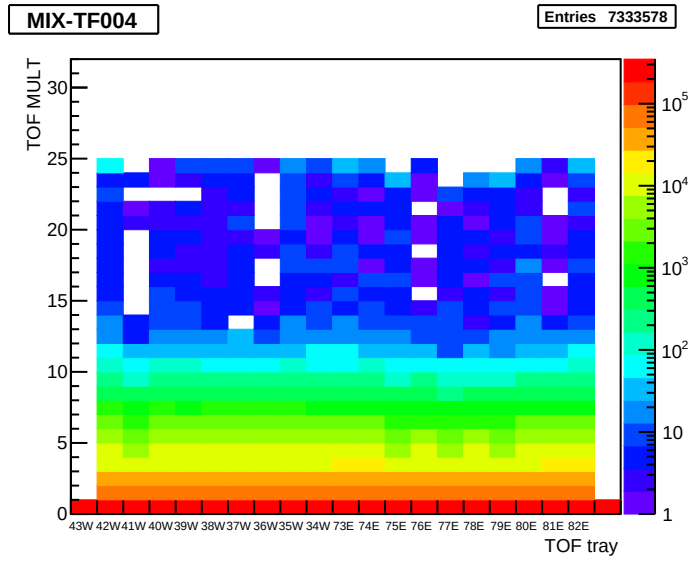

BunchId7Bit (Laser)
Entries 0

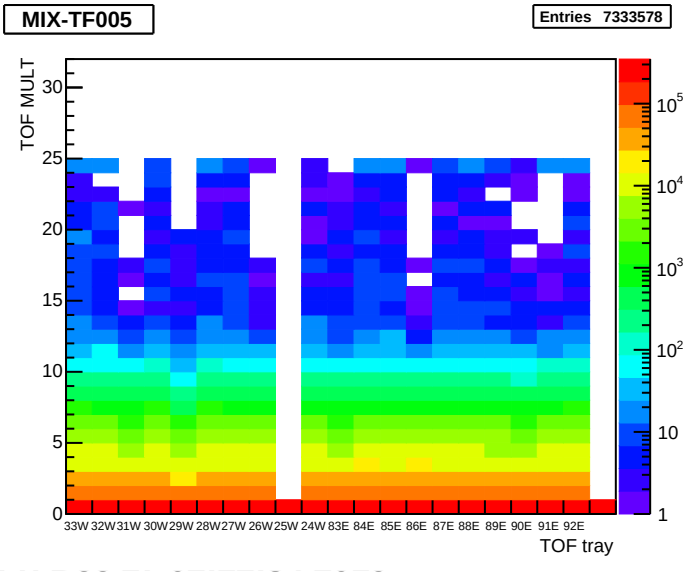

BunchId7Bit (TOFmult window)
Entries 13244

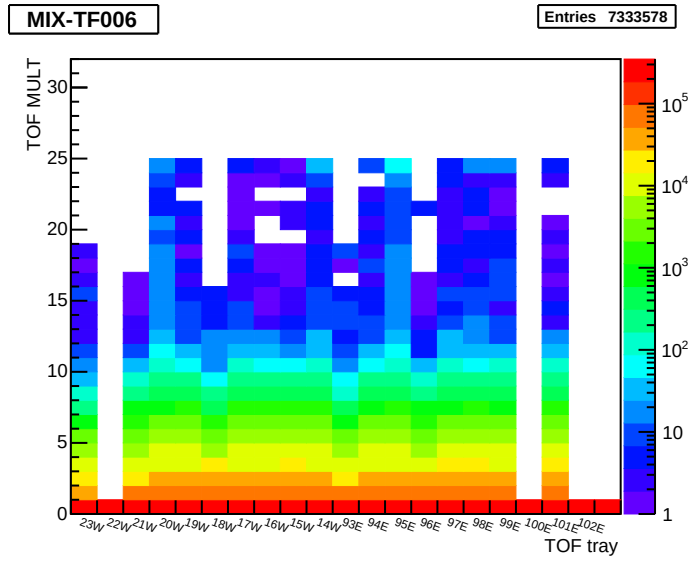

MIX-TF001
Entries 7333578
TOF MULT
TOF tray

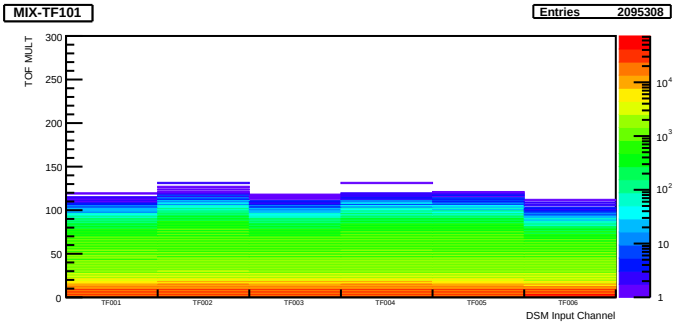

MIX-TF002
Entries 7333578
TOF MULT
TOF tray

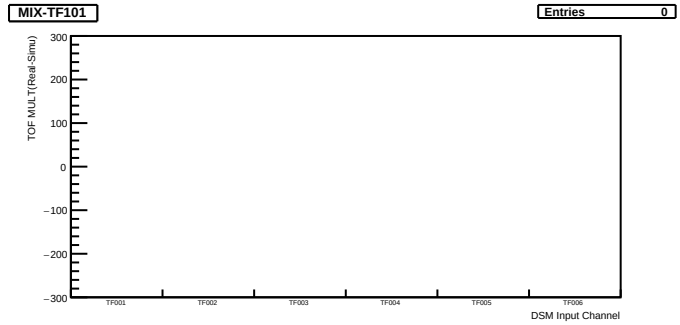

MIX-TF003
Entries 7333578
TOF MULT
TOF tray

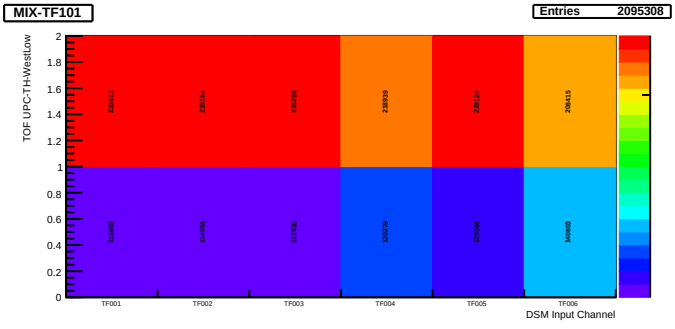

MIX-TF004
Entries 7333578
TOF MULT
TOF tray

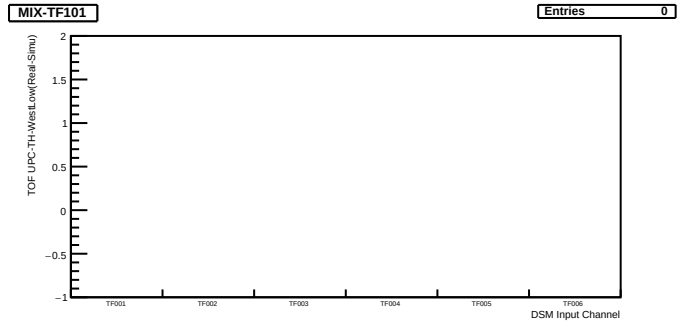

MIX-TF005
Entries 7333578
TOF MULT
TOF tray

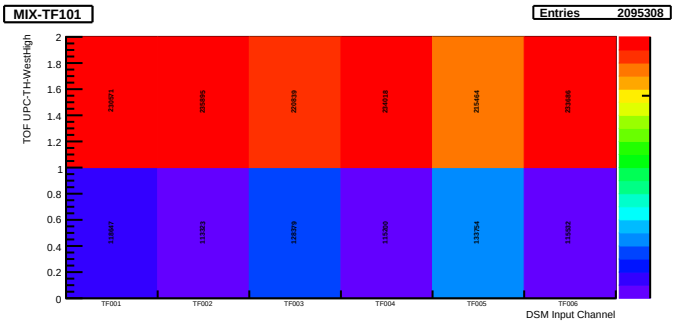

MIX-TF006
Entries 7333578
TOF MULT
TOF tray

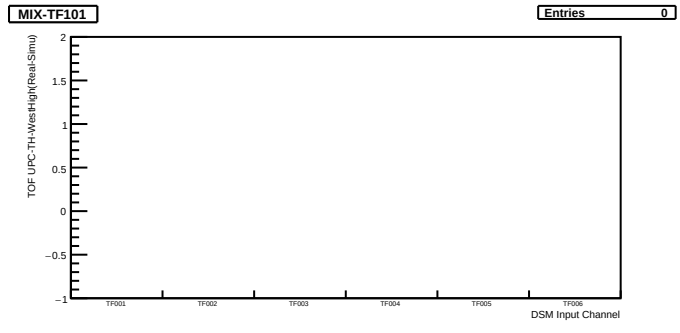

MIX-TF101
Entries 2095308
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

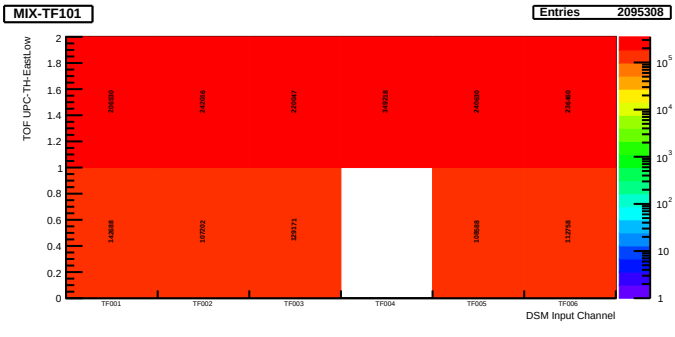

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

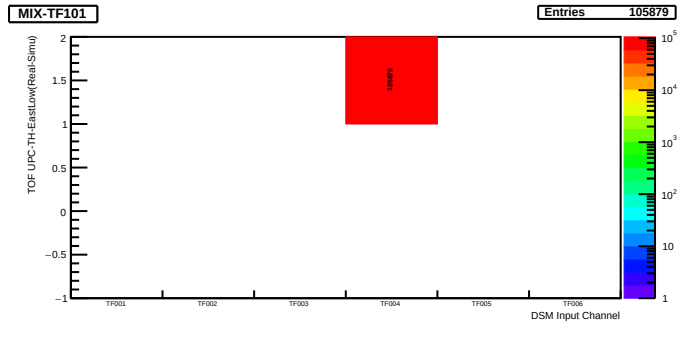

MIX-TF101
Entries 2095308
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

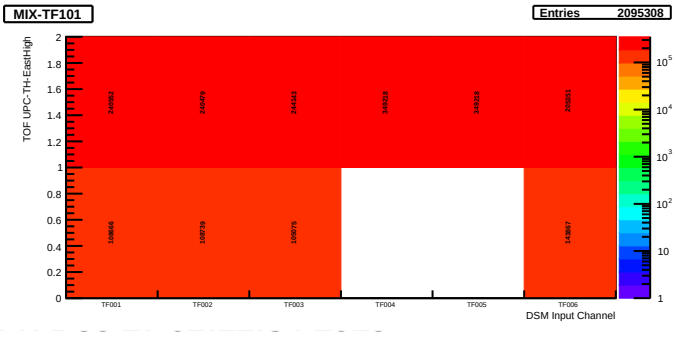

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

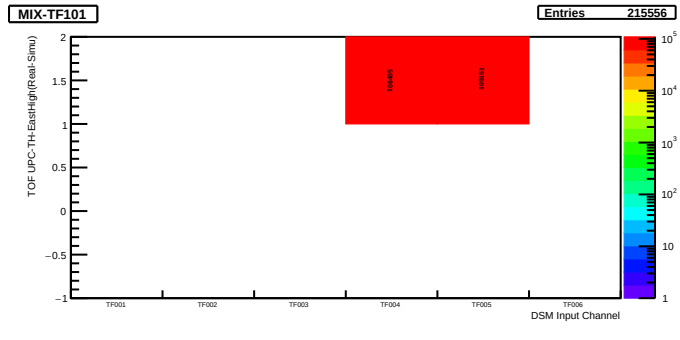

MIX-TF101
Entries 2095308
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

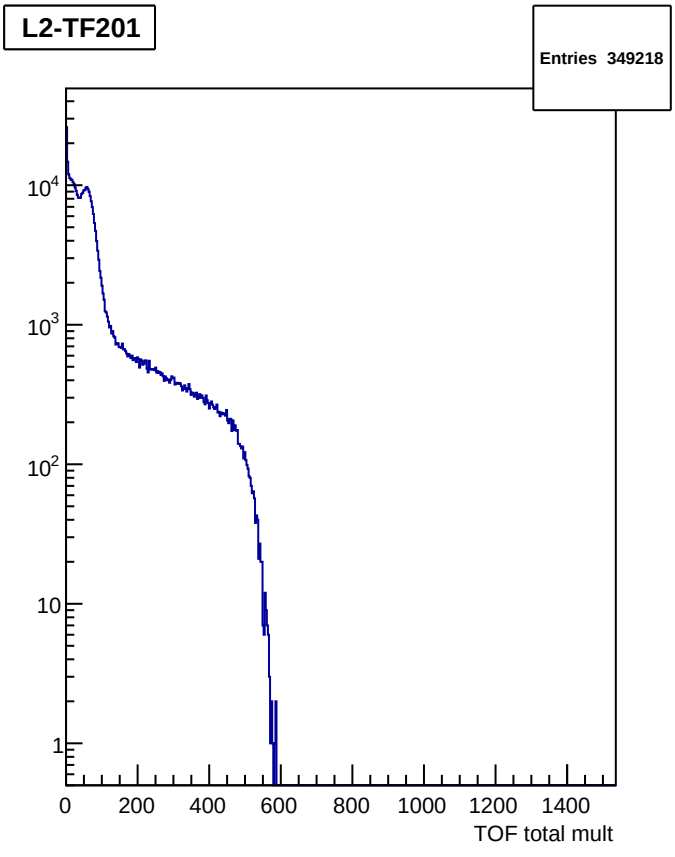

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

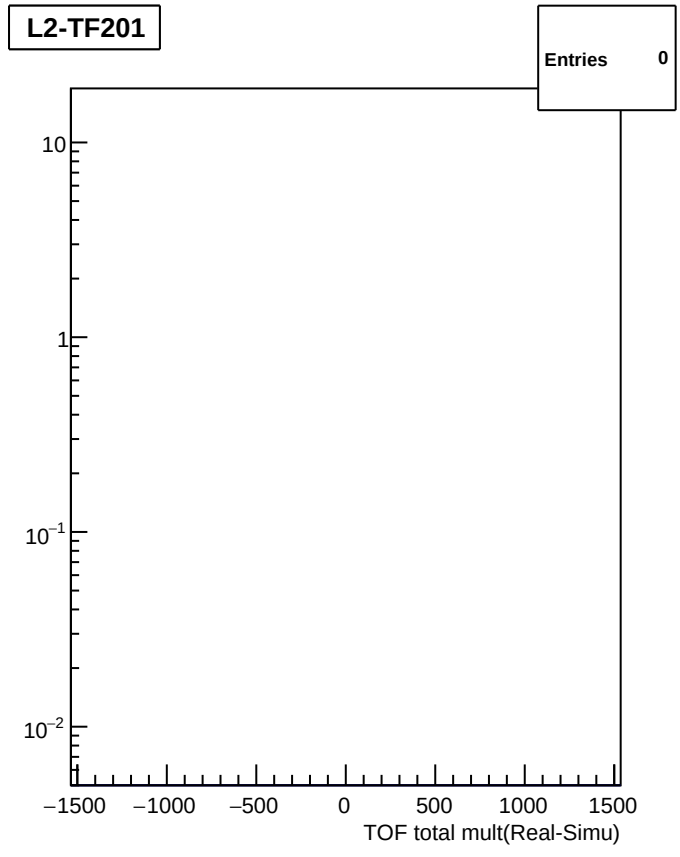

MIX-TF101
Entries 2095308
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

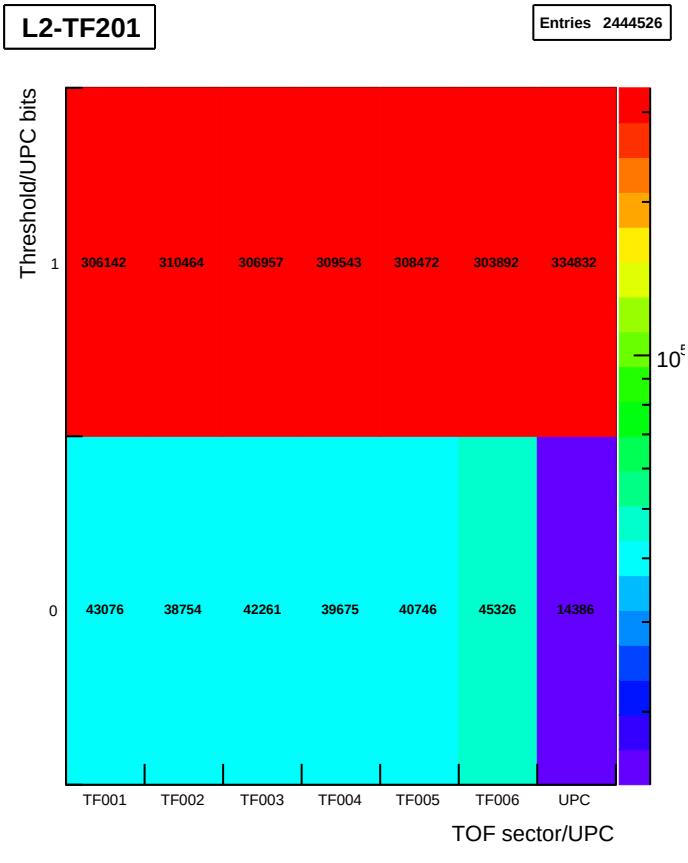

MIX-TF101
Entries 105879
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

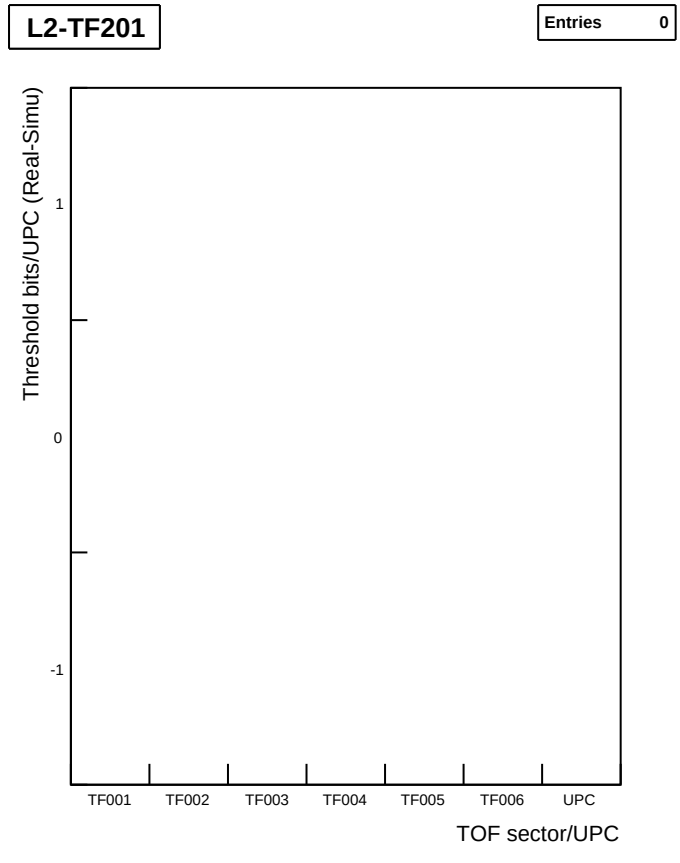

MIX-TF101
Entries 2095308
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

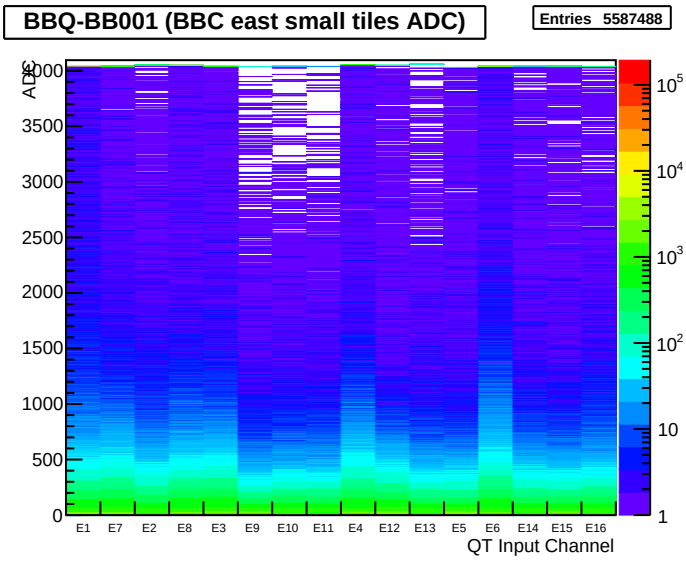

MIX-TF101
Entries 215556
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

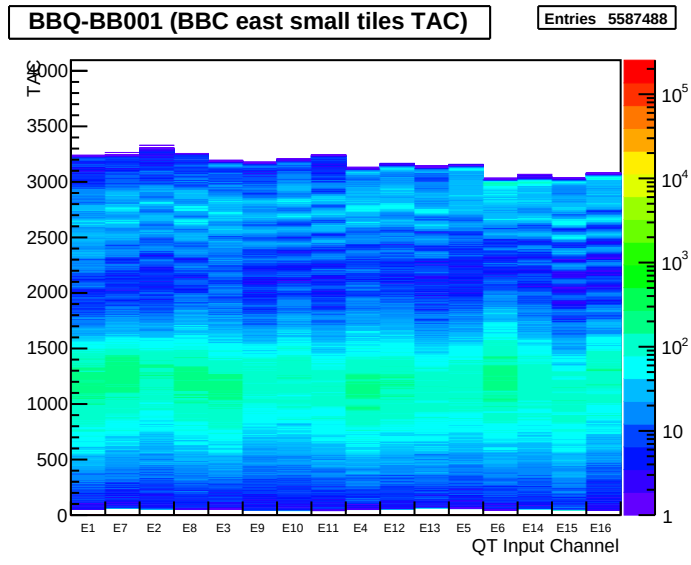

L2-TF201
Entries 349218
TOF total mult

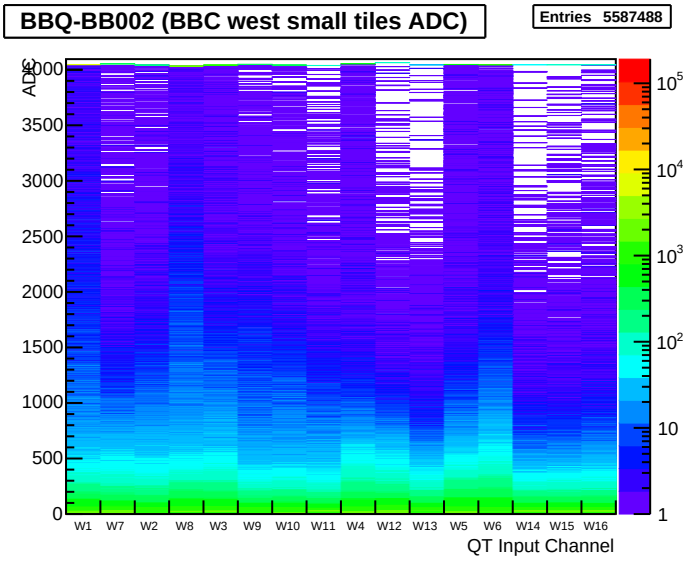

L2-TF201
Entries 0
TOF total mult(Real-Simu)

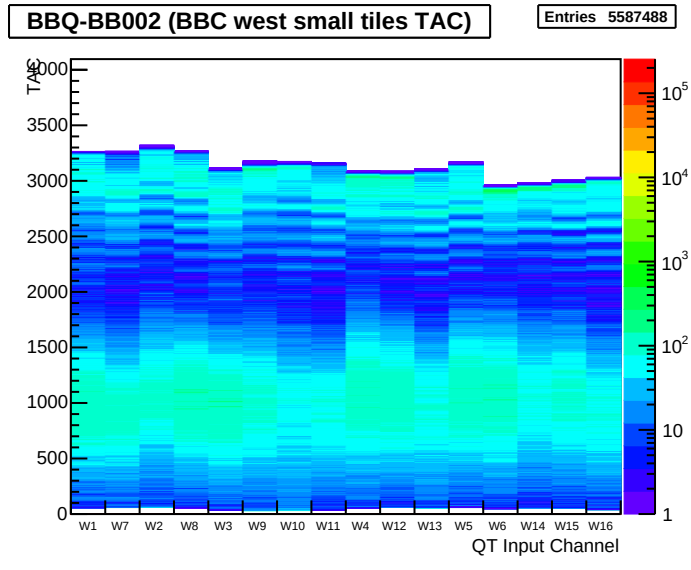

L2-TF201
Entries 2444526
Threshold/UPC bits
306142
310464
306957
309543
308472
303892
334832
43076
38754
42261
39675
40746
45326
14386
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

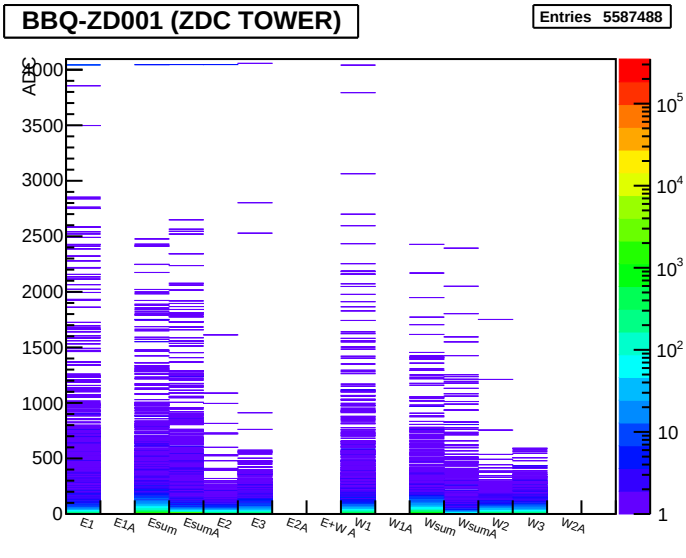

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

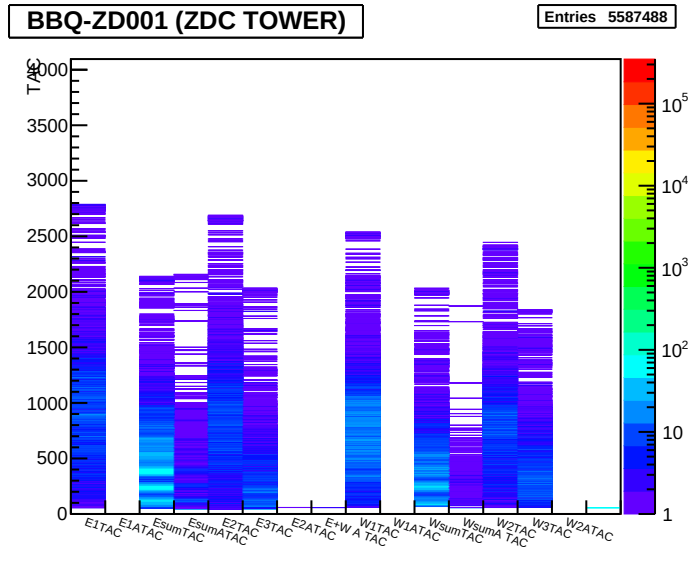

BBQ-BB001 (BBC east small tiles ADC)
Entries 5587488
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

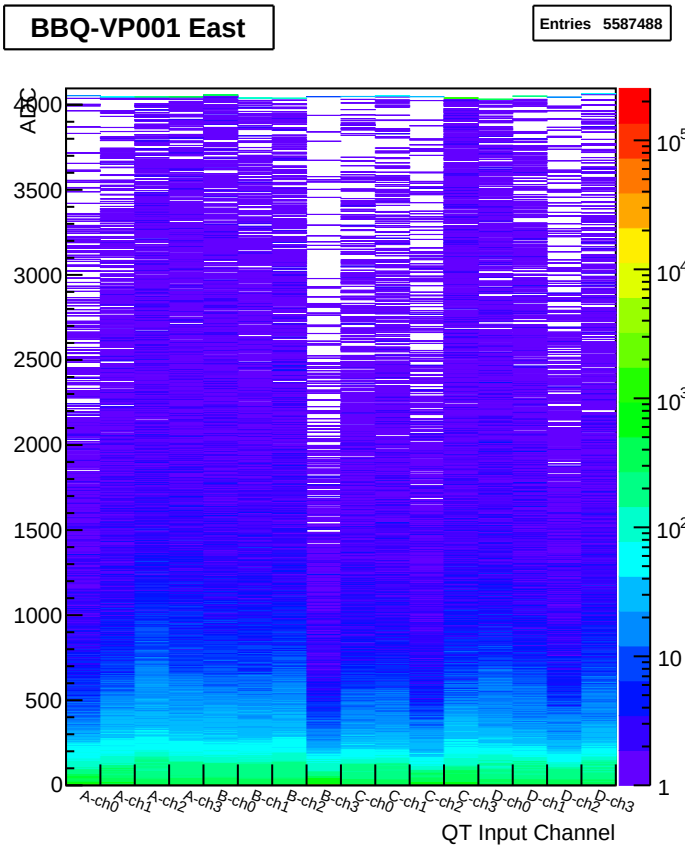

BBQ-BB001 (BBC east small tiles TAC)
Entries 5587488
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

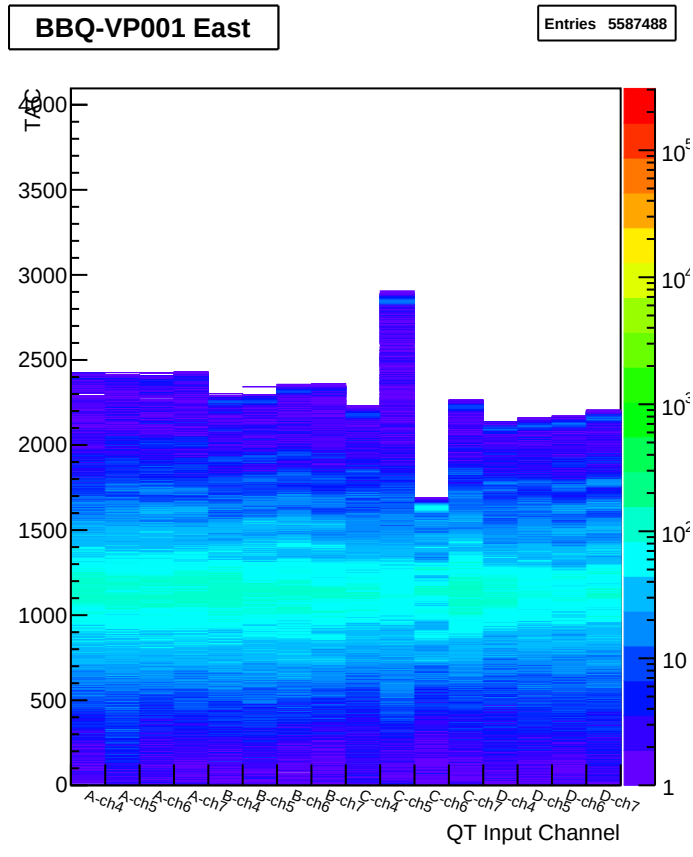

BBQ-BB002 (BBC west small tiles ADC)
Entries 5587488
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

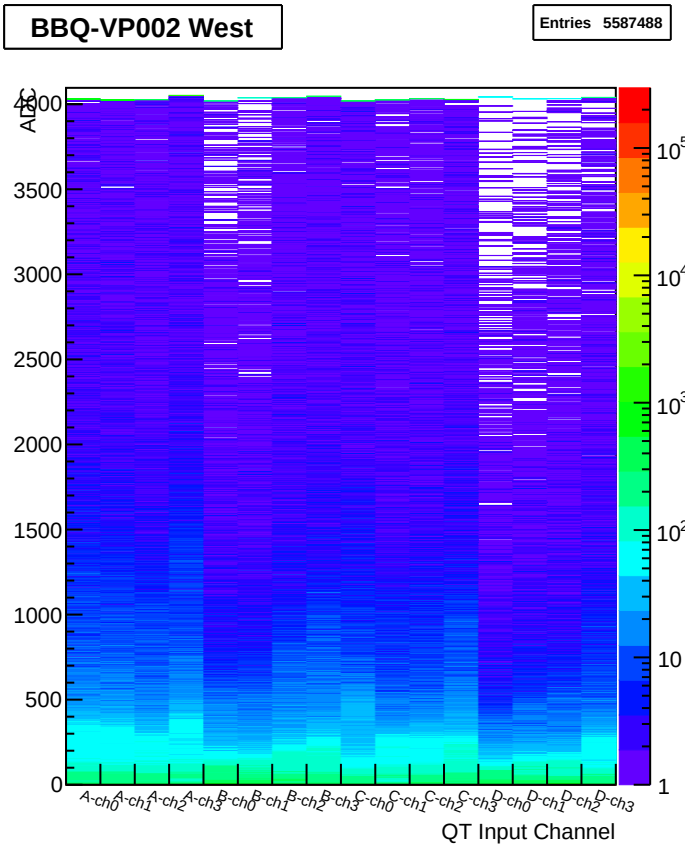

BBQ-BB002 (BBC west small tiles TAC)
Entries 5587488
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

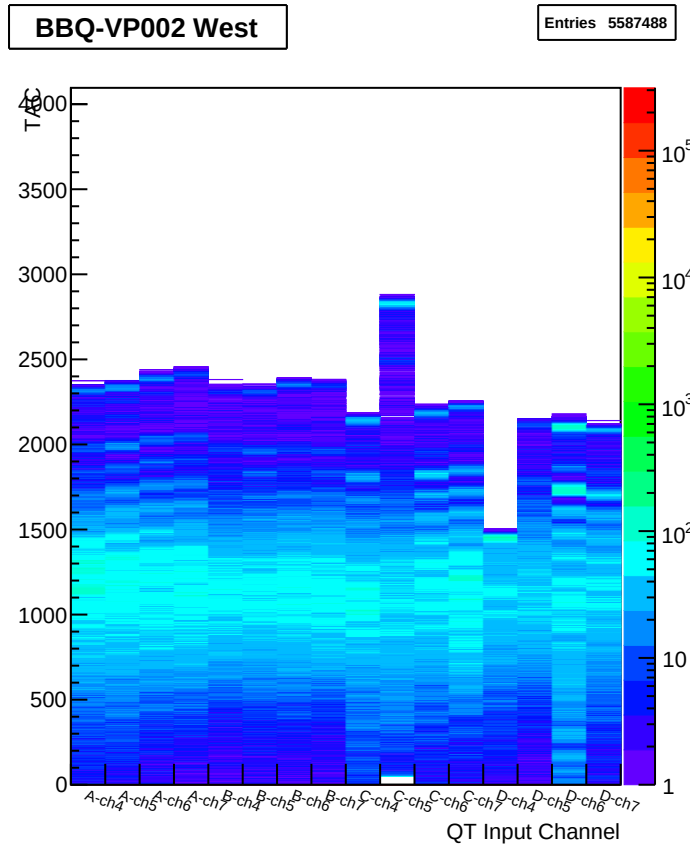

BBQ-ZD001 (ZDC TOWER)
Entries 5587488
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

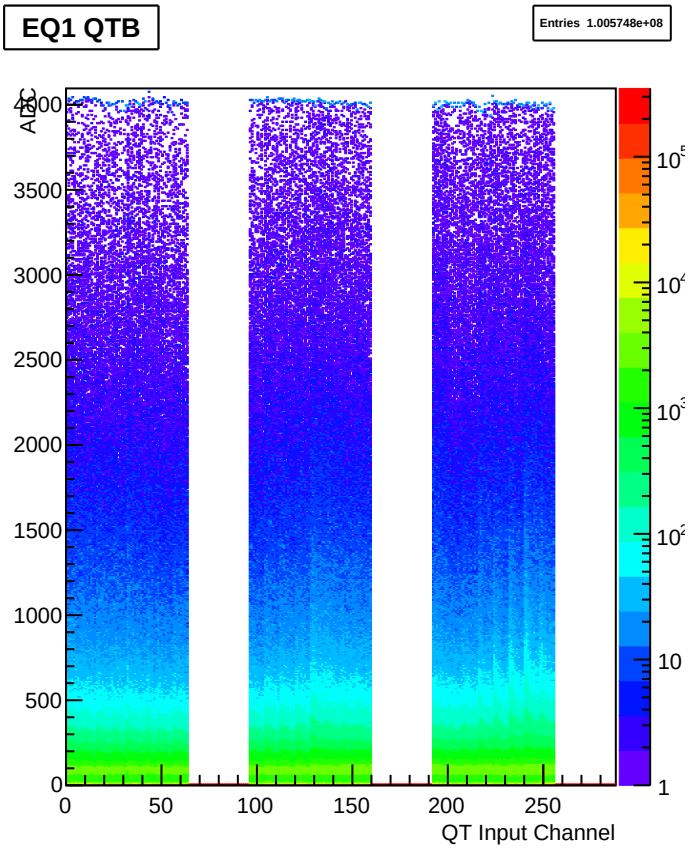

BBQ-ZD001 (ZDC TOWER)
Entries 5587488
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

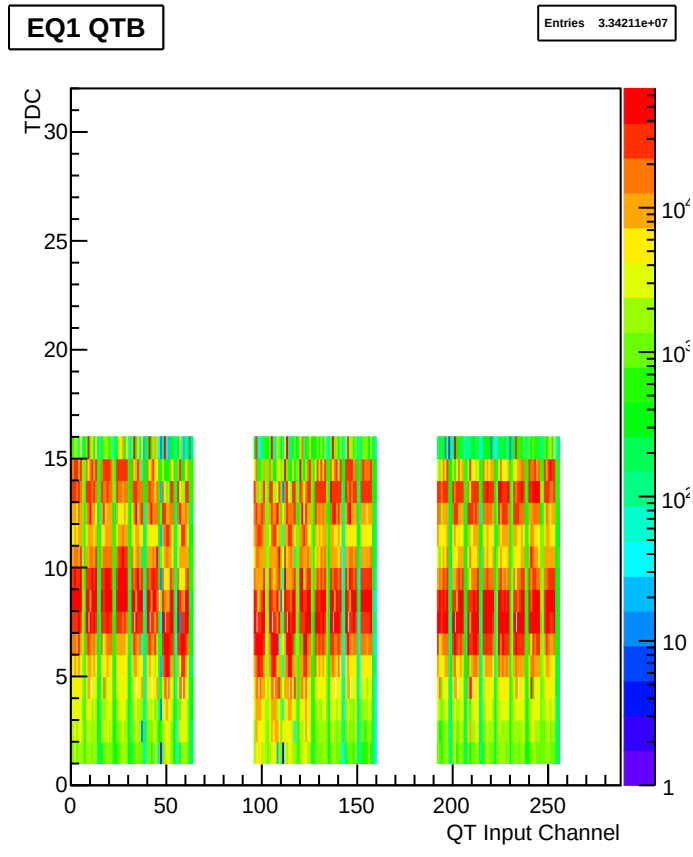

BBQ-VP001 East
Entries 5587488
ADC
QT Input Channel

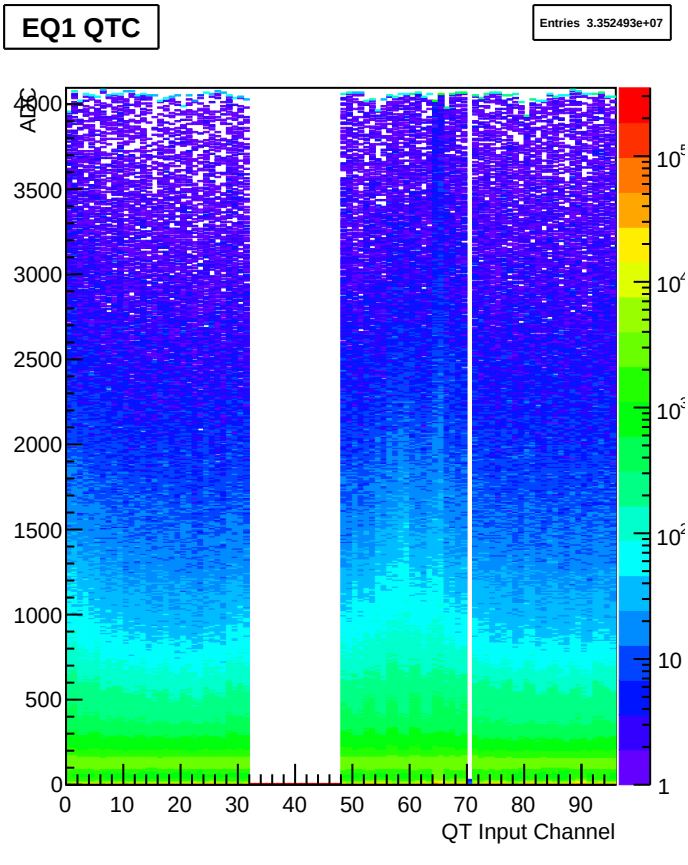

BBQ-VP001 East
Entries 5587488
TAC
QT Input Channel

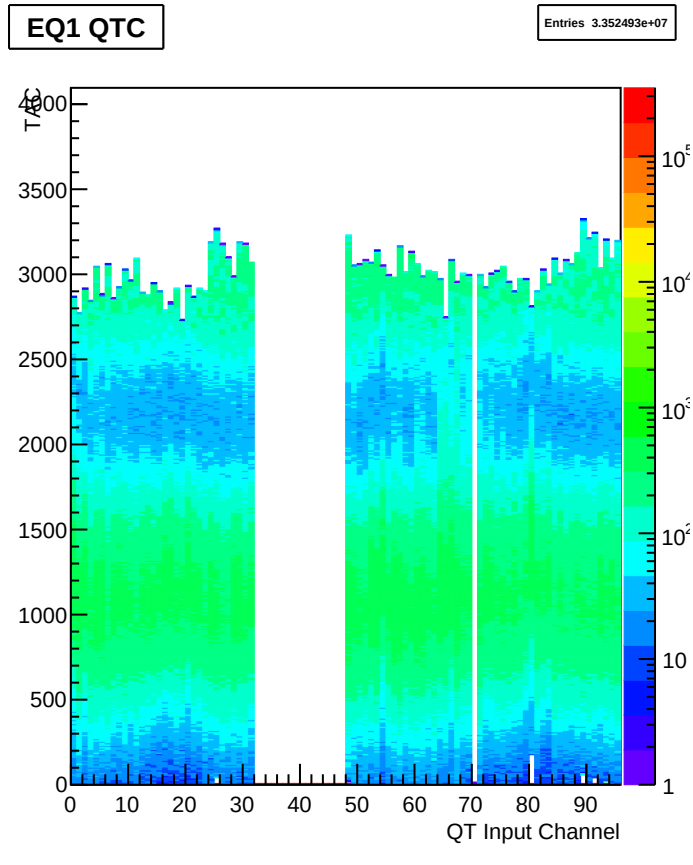

BBQ-VP002 West
Entries 5587488
ADC
QT Input Channel

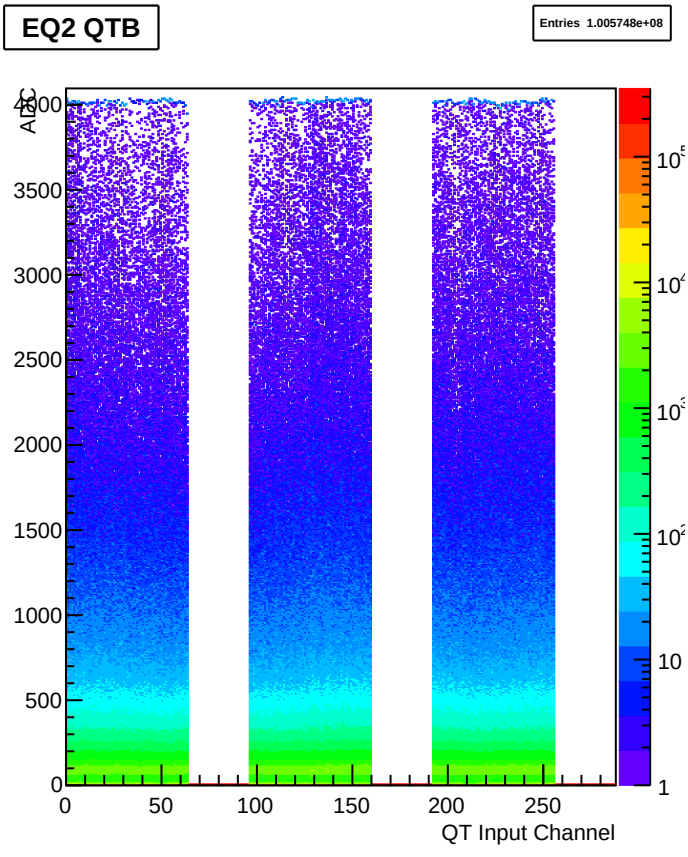

BBQ-VP002 West
Entries 5587488
TAC
QT Input Channel

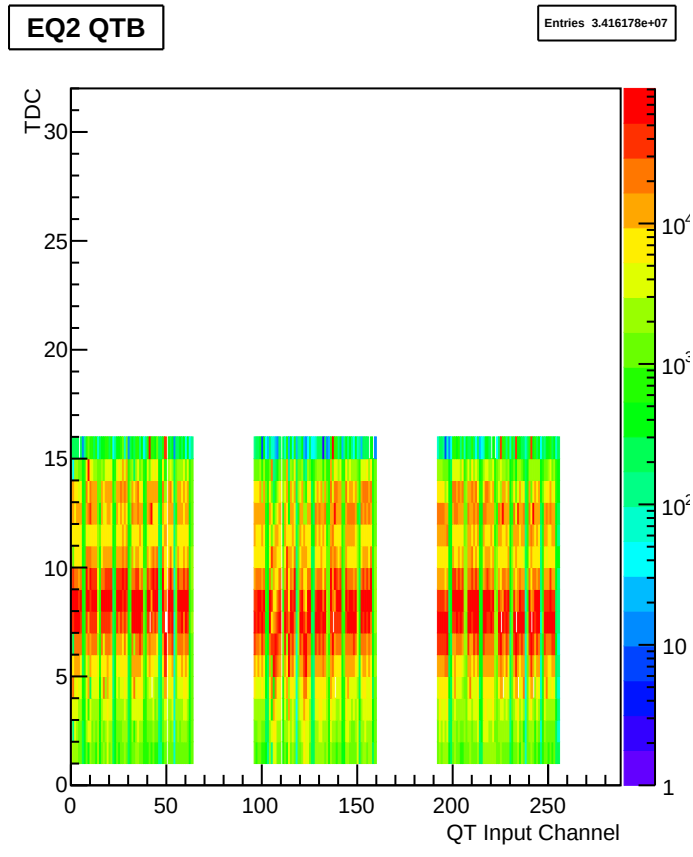

EQ1 QTB
Entries 1.005748e+08
ADC
QT Input Channel

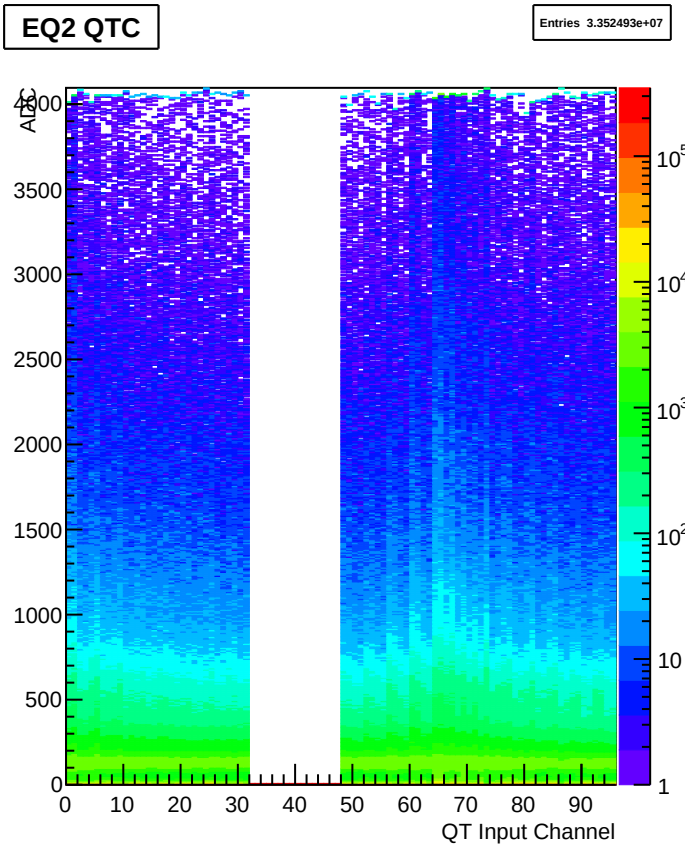

EQ1 QTB
Entries 3.34211e+07
TDC
QT Input Channel

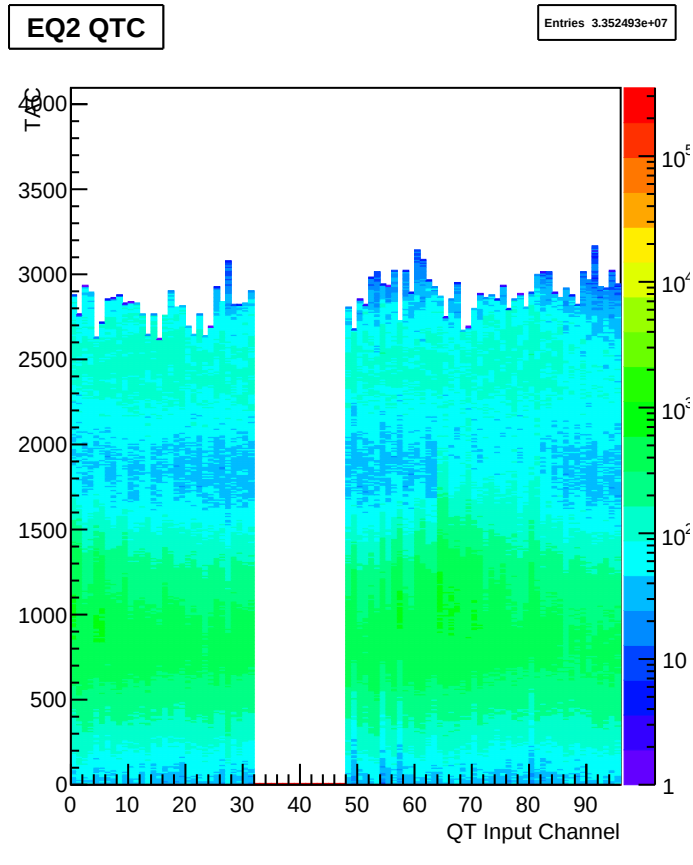

EQ1 QTC
Entries 3.352493e+07
ADC
QT Input Channel

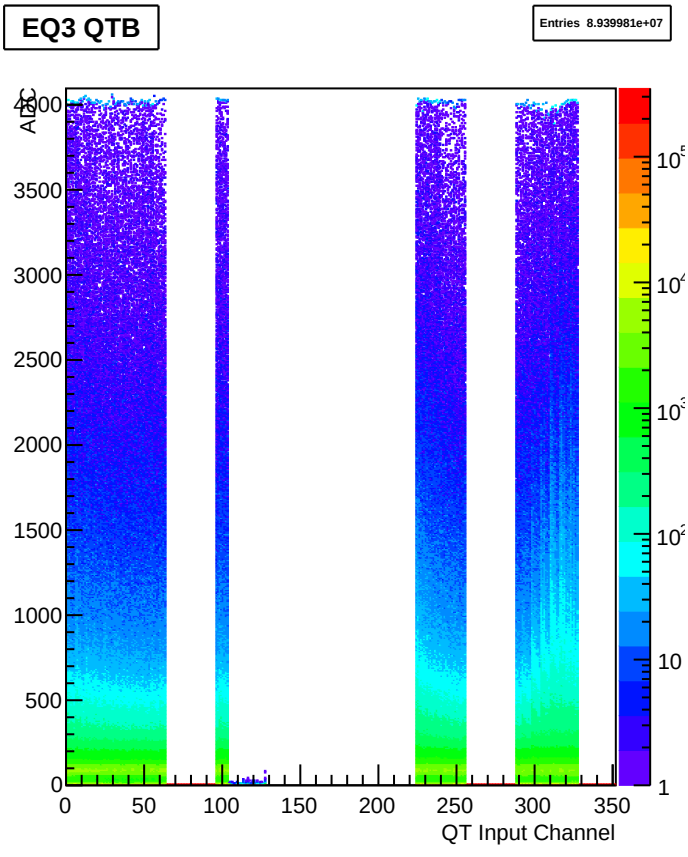

EQ1 QTC
Entries 3.352493e+07
TADC
QT Input Channel

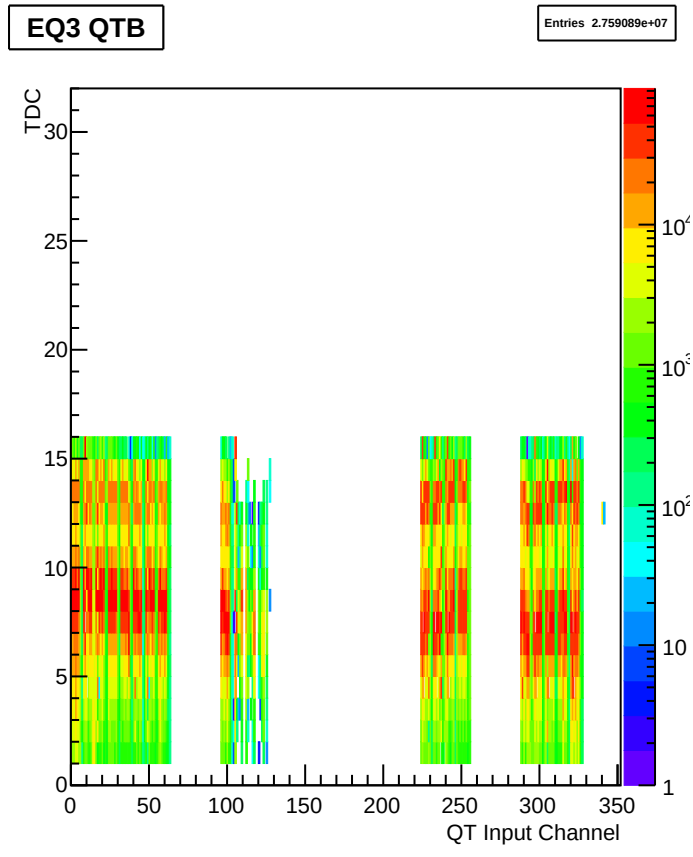

EQ2 QTB
Entries 1.005748e+08
ADC
QT Input Channel

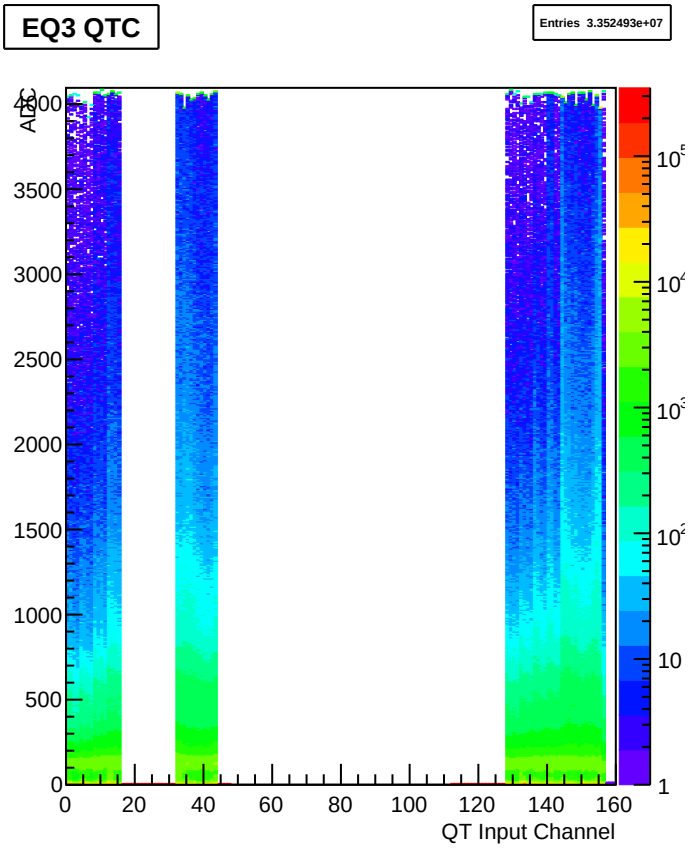

EQ2 QTB
Entries 3.416178e+07
TDC
QT Input Channel

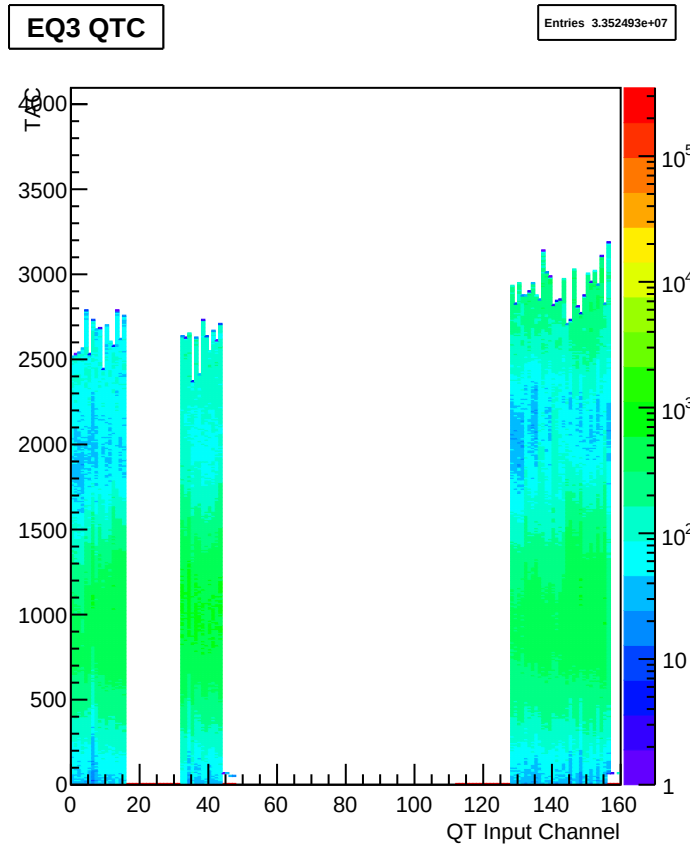

EQ2 QTC
Entries 3.352493e+07
ADC
QT Input Channel

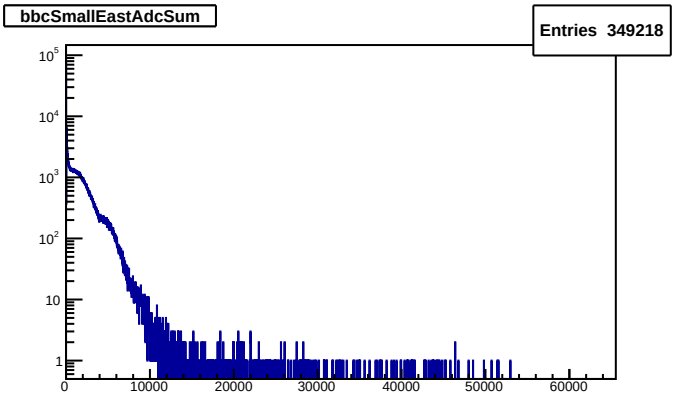

EQ2 QTC
Entries 3.352493e+07
TADC
QT Input Channel

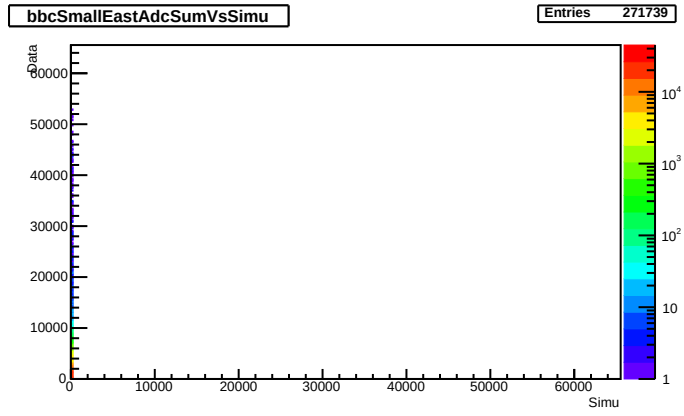

EQ3 QTB
Entries 8.939981e+07
ADC
QT Input Channel

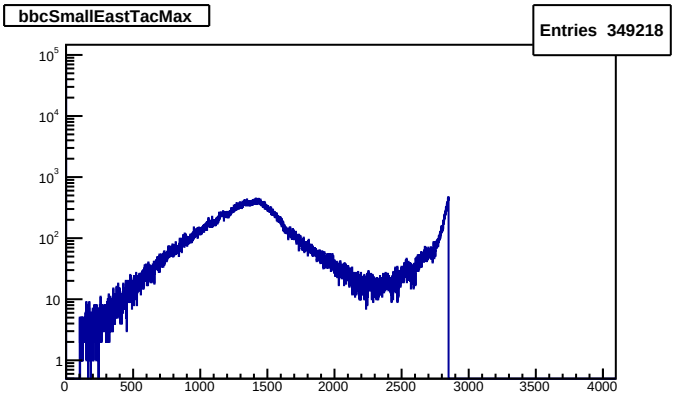

EQ3 QTB
Entries 2.759089e+07
TDC
QT Input Channel

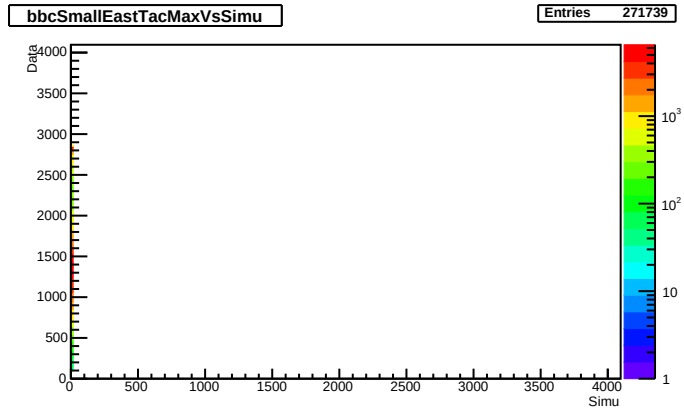

EQ3 QTC
Entries 3.352493e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.352493e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 349218


bbcSmallEastAdcSumVsSimu
Entries 271739
Data
Simu


bbcSmallEastTacMax
Entries 349218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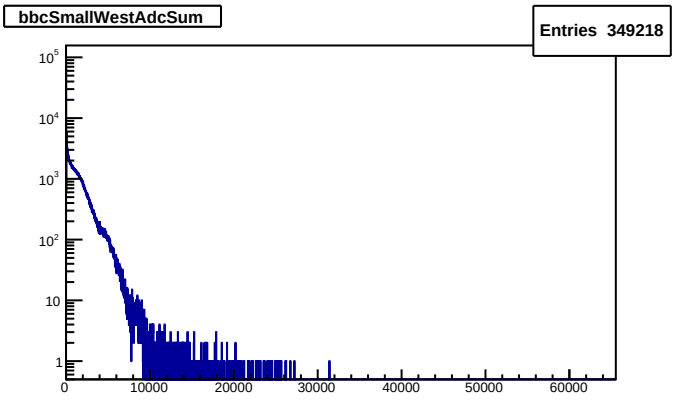
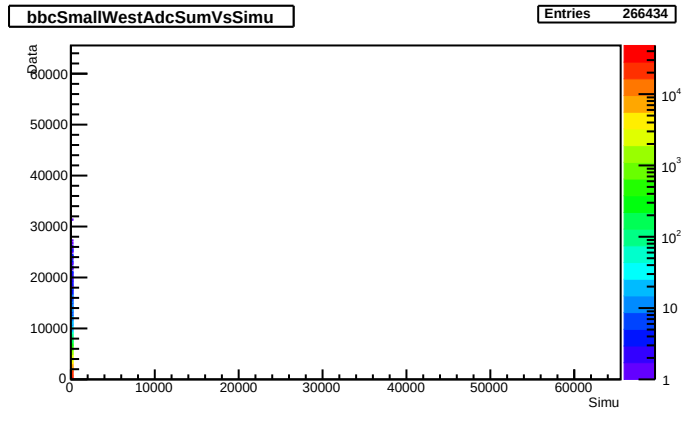
Entries 271739
Data
Simu


bbcSmallWestAdcSum
Entries 349218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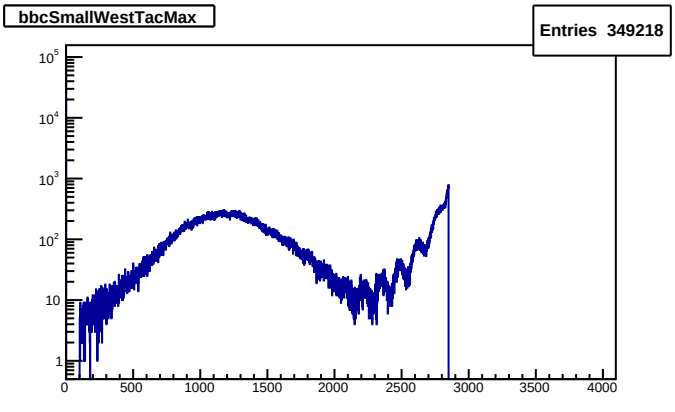
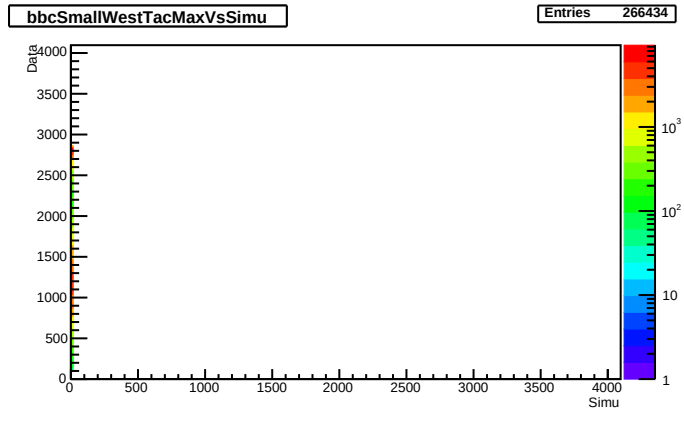
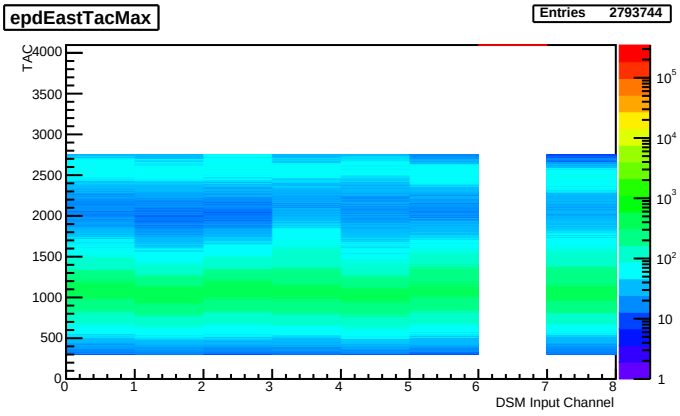
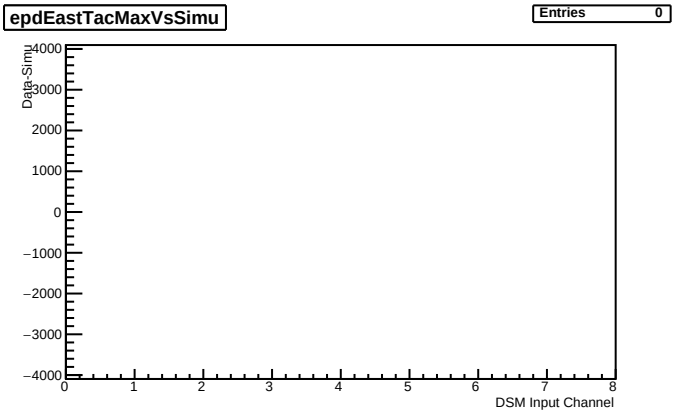
Entries 266434
Data
Simu


bbcSmallWestTacMax
Entries 349218


bbcSmallWestTacMaxVsSimu
Entries 266434
Data
Simu


epdEastTacMax
Entries 2793744
TAC
DSM Input Channel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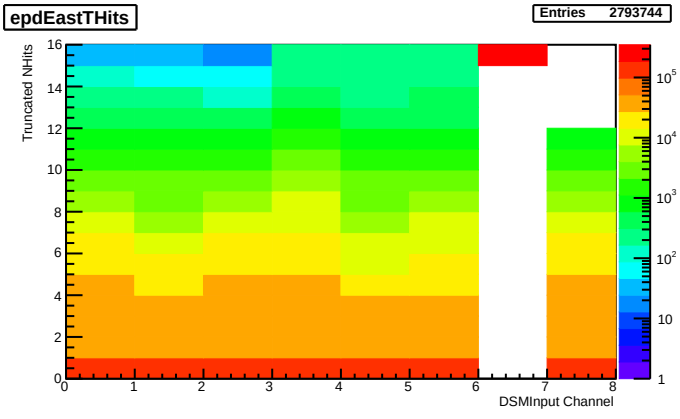
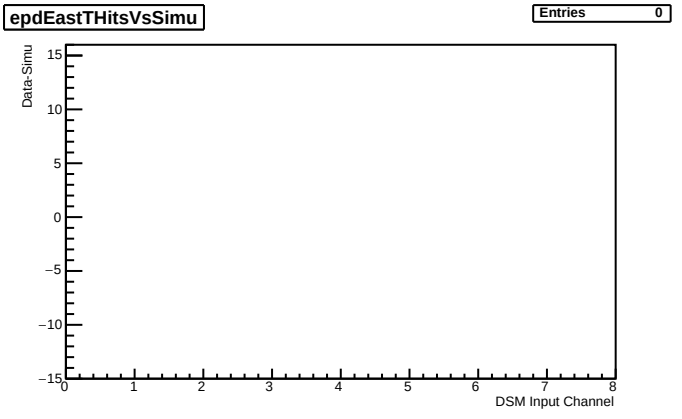
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2793744
Truncated NHits
DSMInput Channel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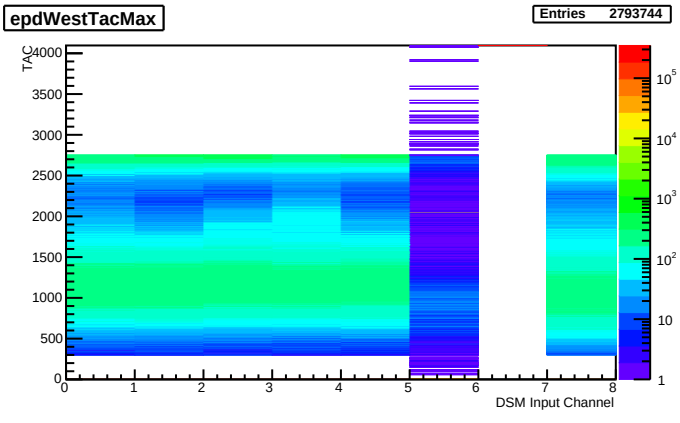
Entries 0
Data-Simu
DSM Input Channel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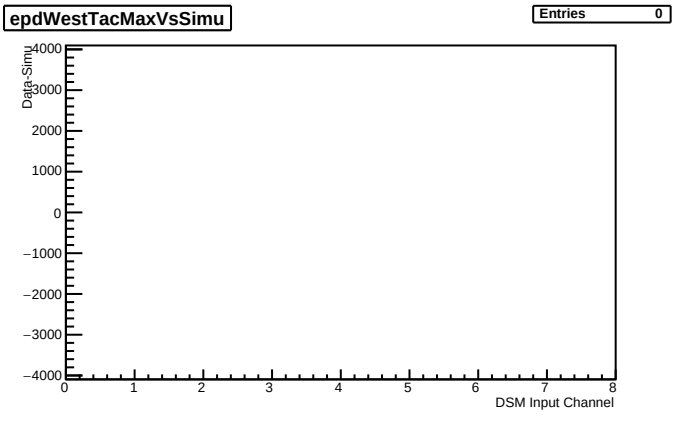
Entries 2793744
TAC
DSM Input Channel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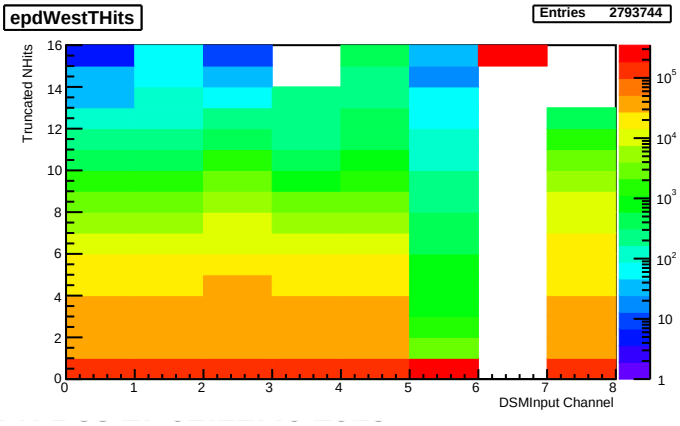
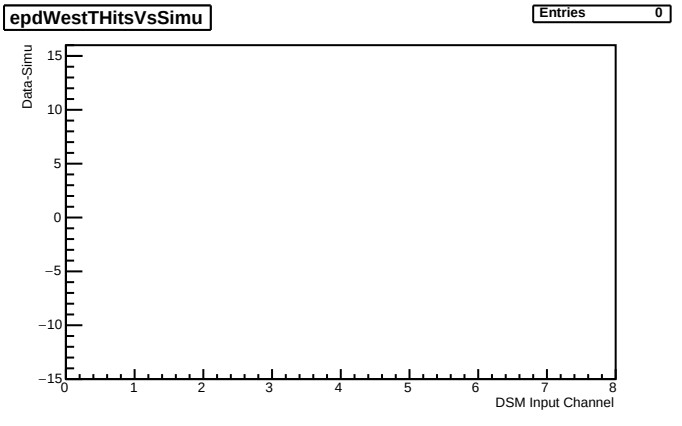
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2793744
Truncated NHits
DSMInput Channel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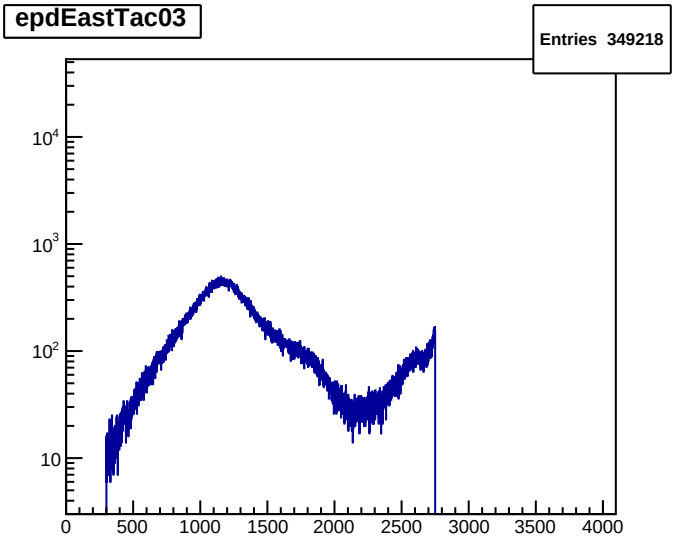
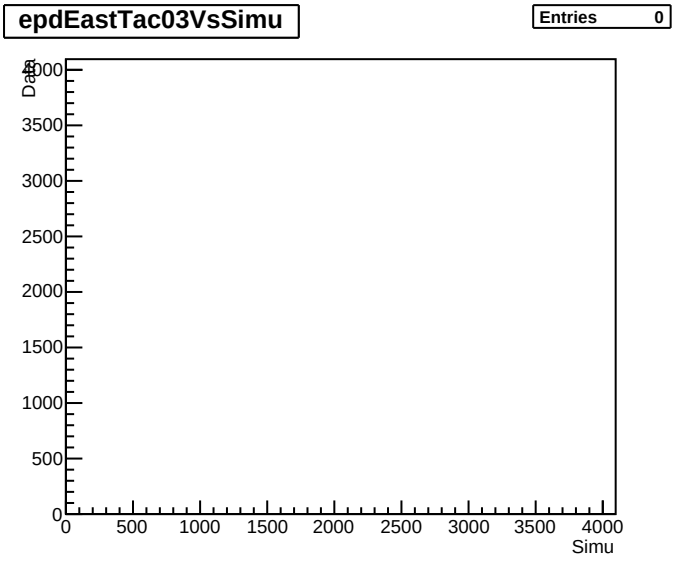
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 349218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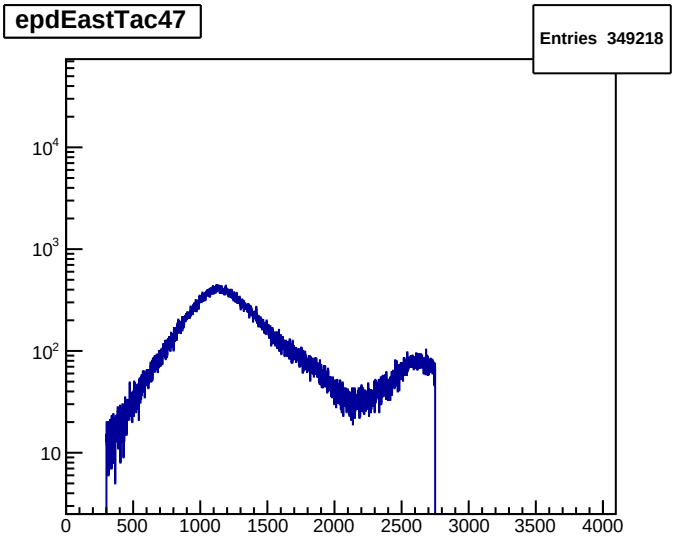
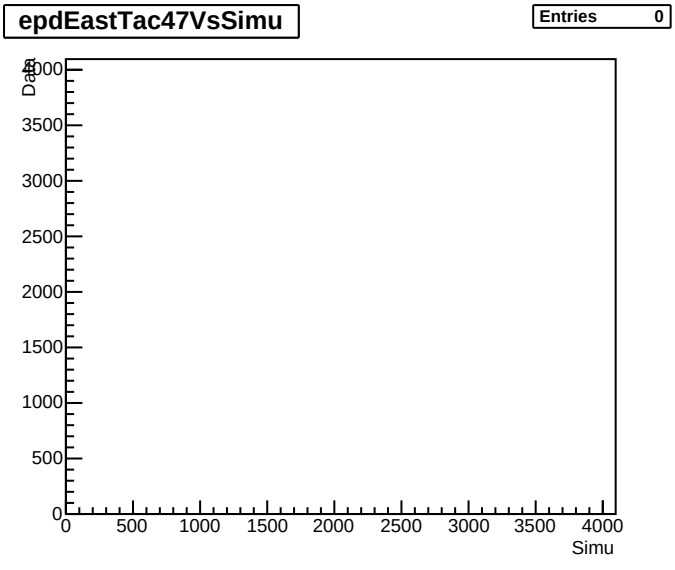
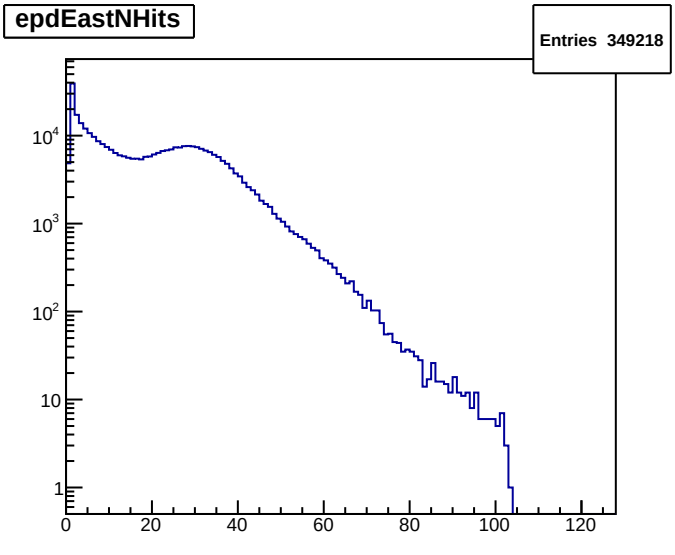
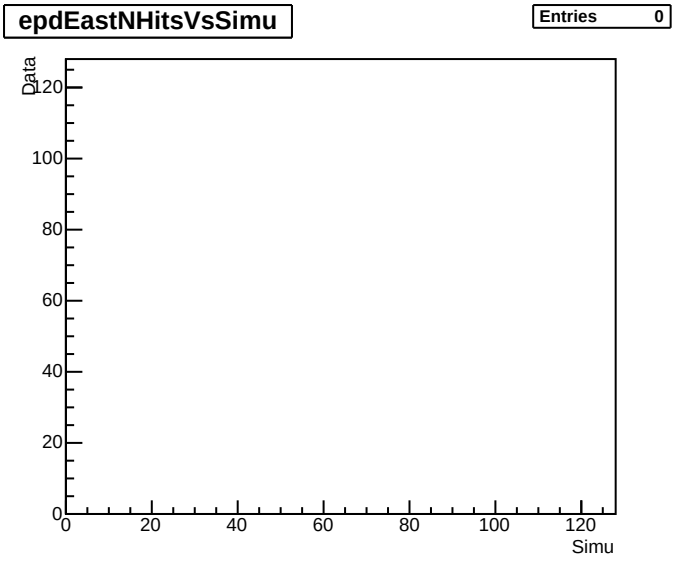
Entries 0
Data
Simu


epdEastTac47
Entries 349218


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 349218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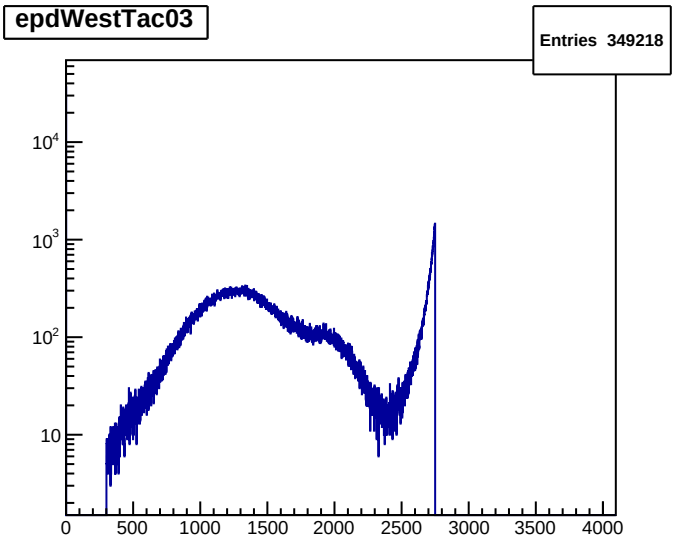
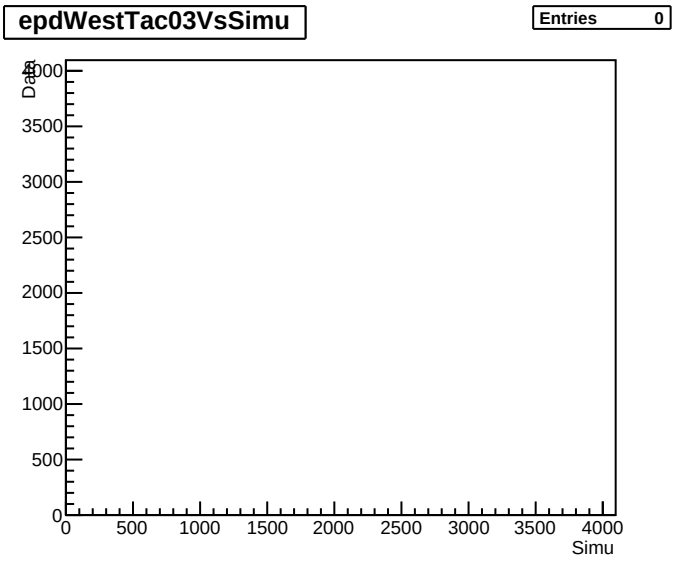
Entries 0
Data
Simu


epdWestTac03
Entries 349218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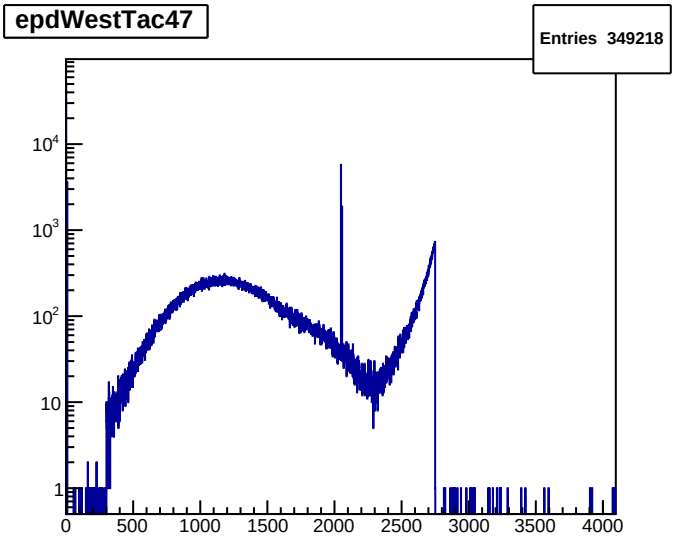
Entries 0
Data
Simu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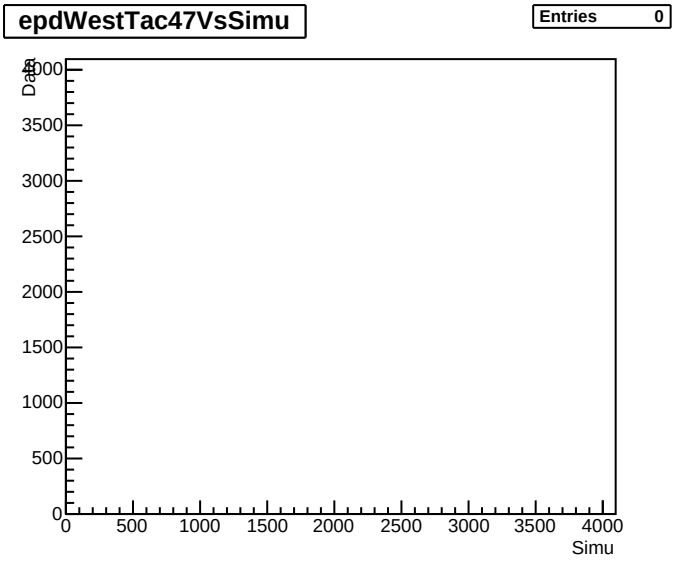
Entries 349218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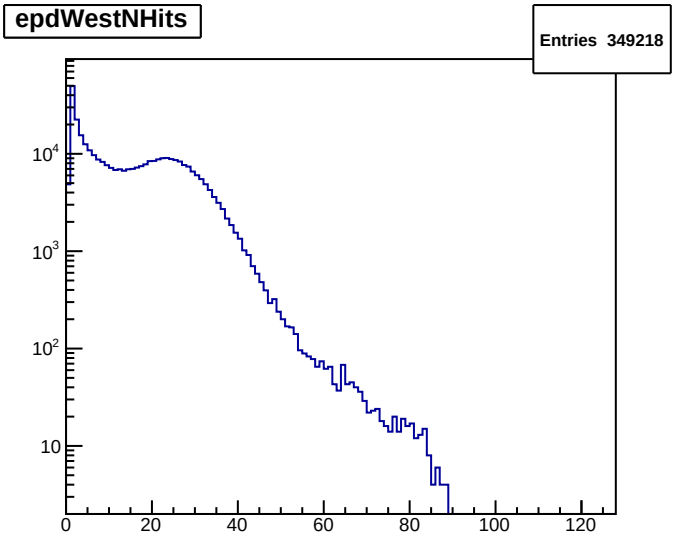
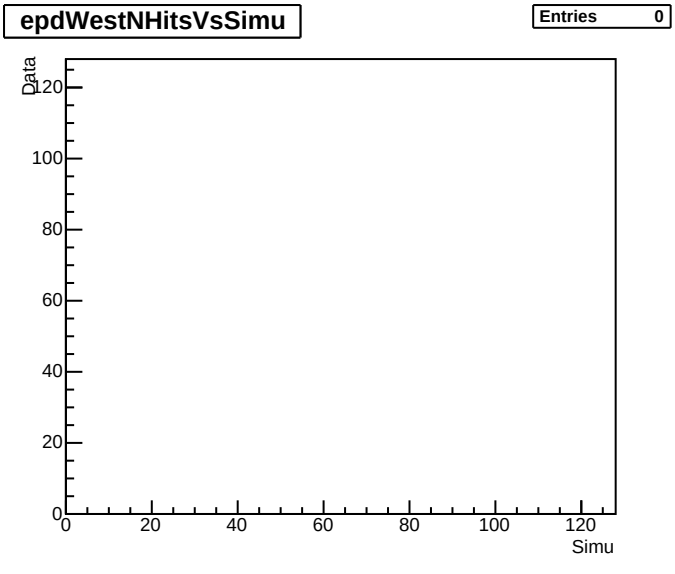
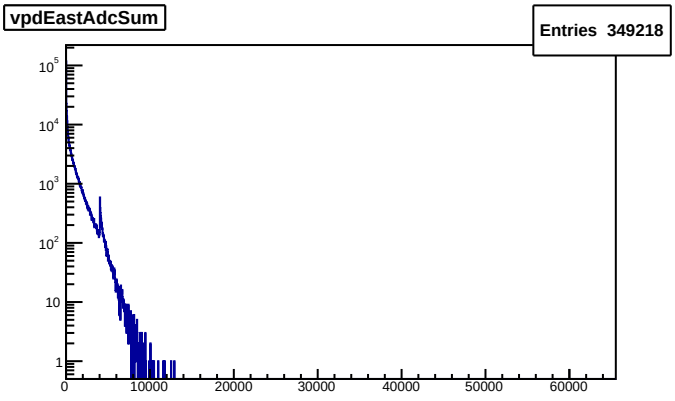
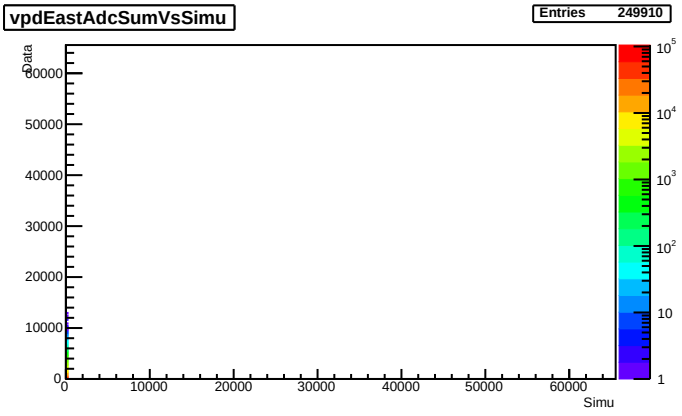
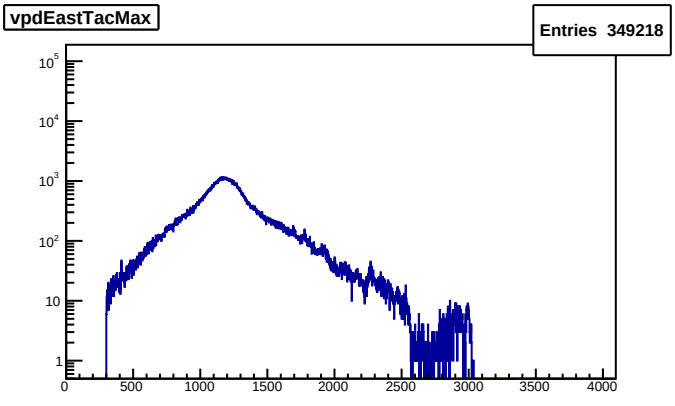
Entries 0
Data
Simu

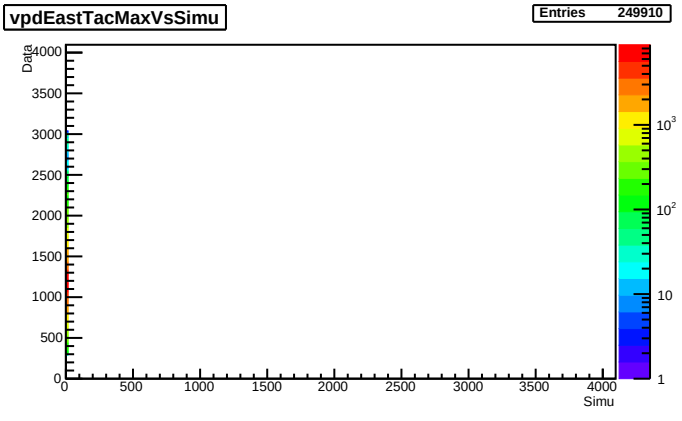

epdWestNHits
Entries 349218

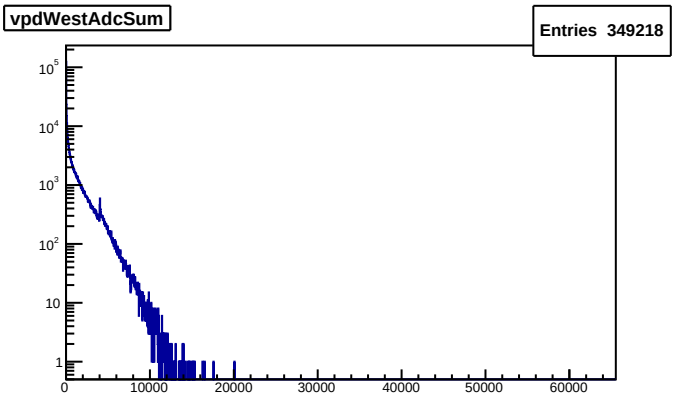

epdWestNHitsVsSimu
Entries 0
Data
Simu

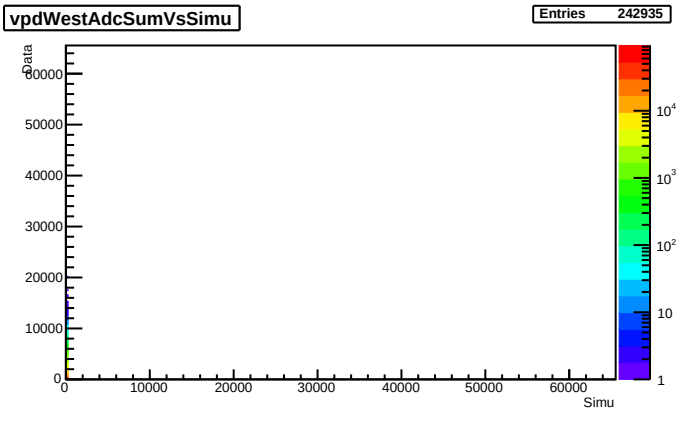

vpdEastAdcSum
Entries 349218

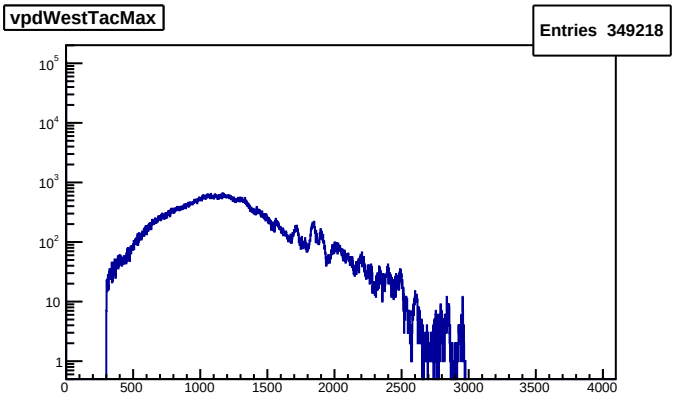

vpdEastAdcSumVsSimu
Entries 249910
Data
Simu

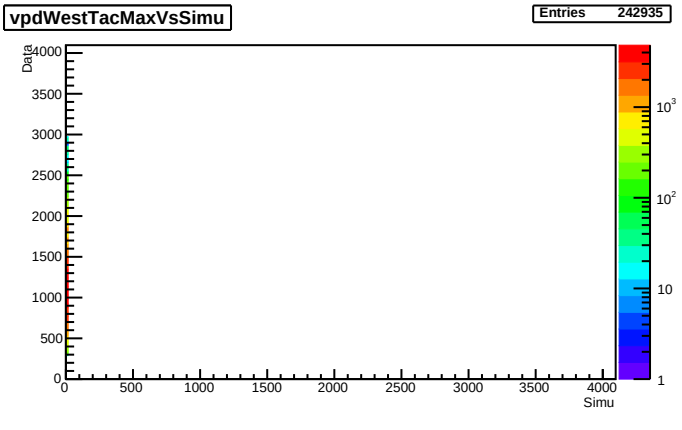

vpdEastTacMax
Entries 349218

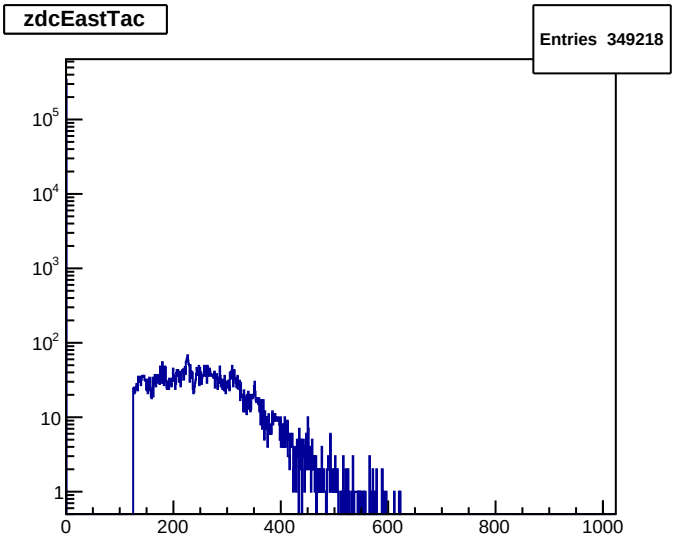

vpdEastTacMaxVsSimu
Entries 249910
Data
Simu

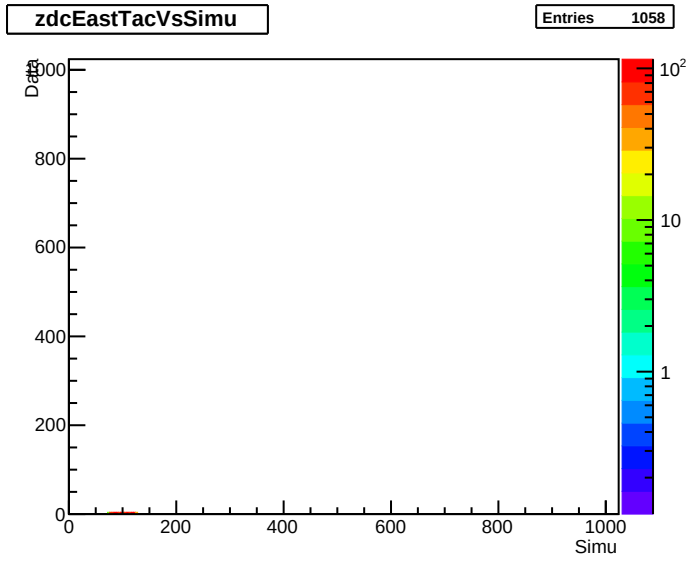

vpdWestAdcSum
Entries 349218

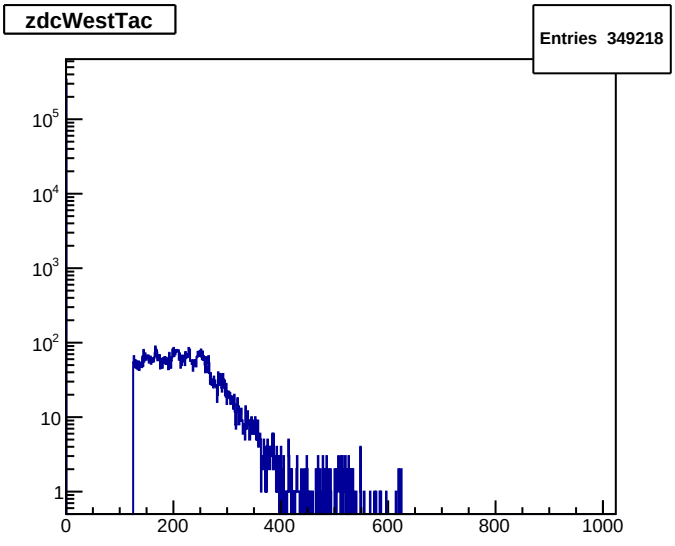

vpdWestAdcSumVsSimu
Entries 242935
Data
Simu

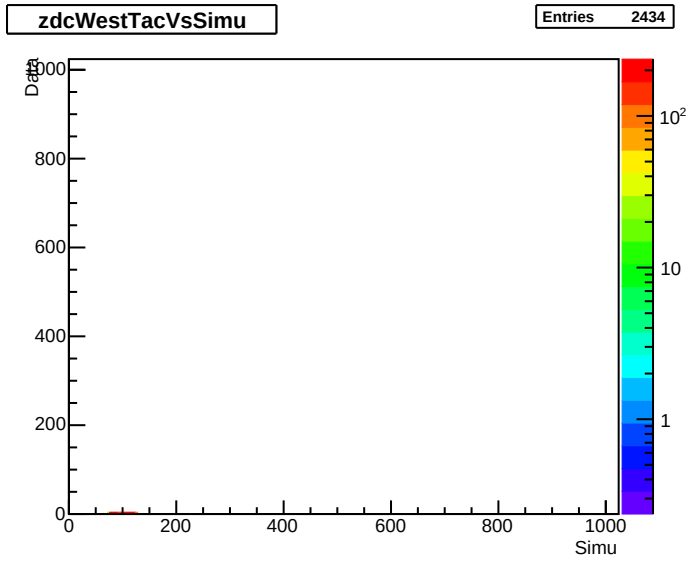

vpdWestTacMax
Entries 349218

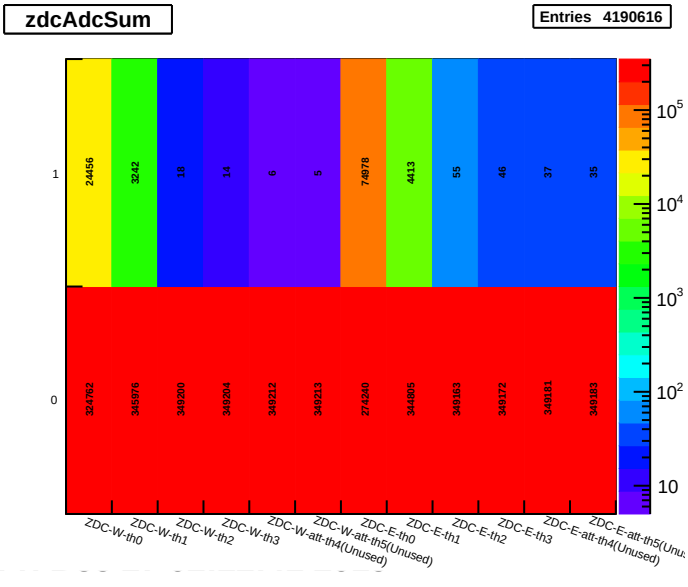

vpdWestTacMaxVsSimu
Entries 242935
Data
Simu

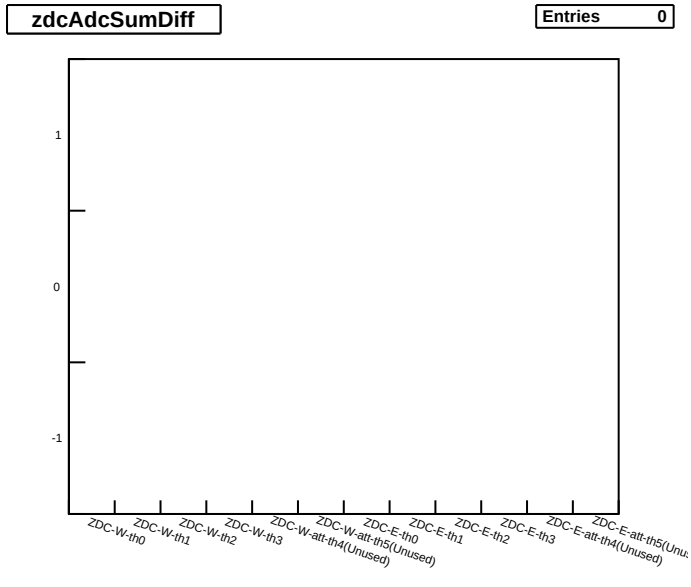

zdcEastTac
Entries 349218

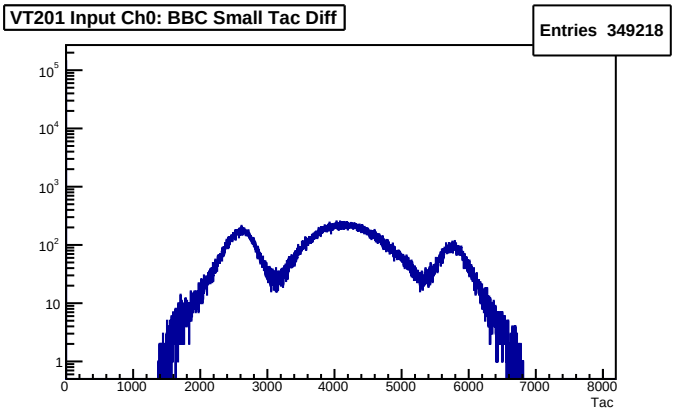

zdcEastTacVsSimu
Entries 1058
Data
Simu

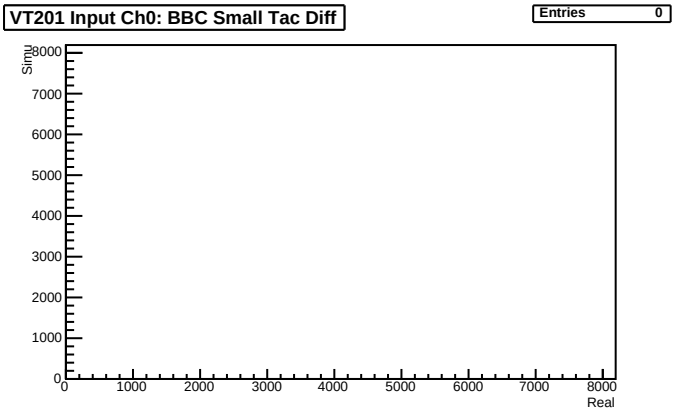

zdcWestTac
Entries 349218

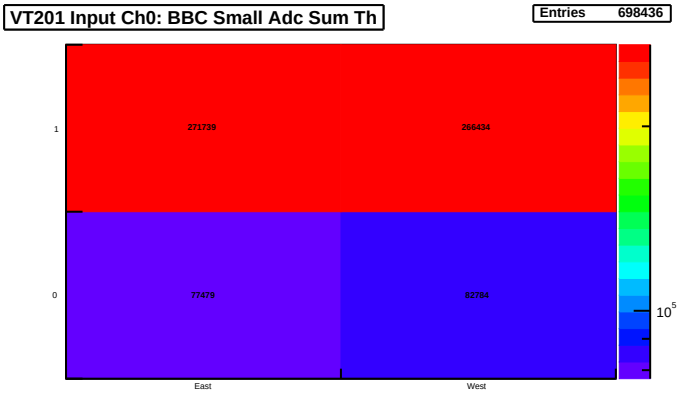

zdcWestTacVsSimu
Entries 2434
Data
Simu

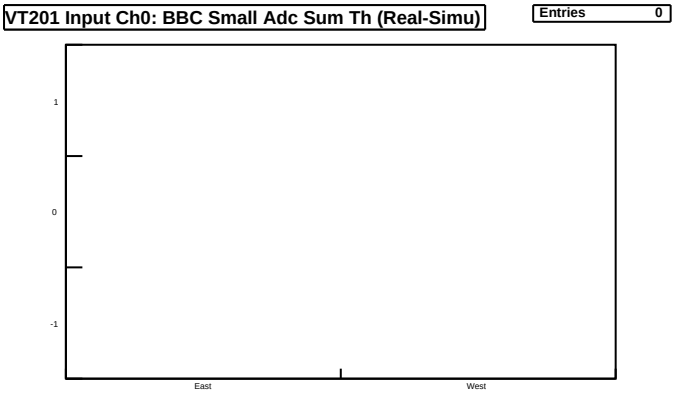

zdcAdcSum
Entries 4190616
24456
3242
18
14
6
5
74978
4413
55
46
37
35
324762
345976
349200
349204
349212
349213
274240
344805
349163
349172
349181
349183
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

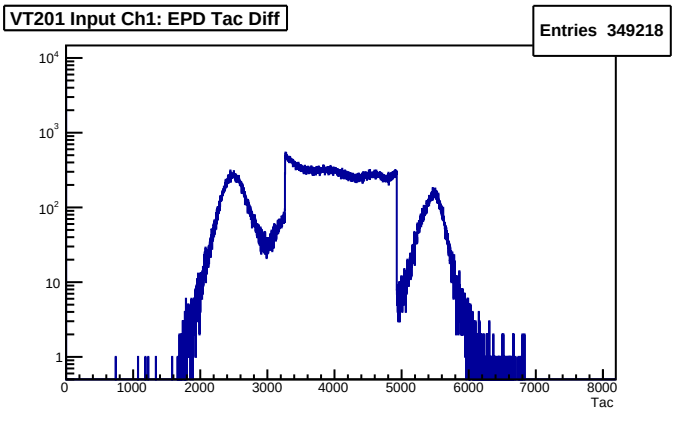

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

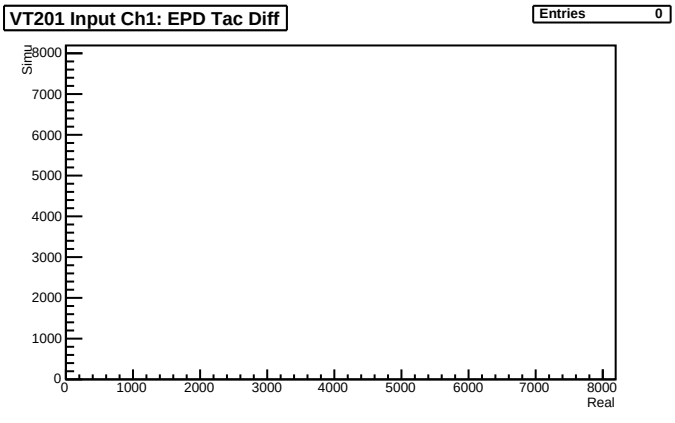

VT201 Input Ch0: BBC Small Tac Diff
Entries 349218
Tac

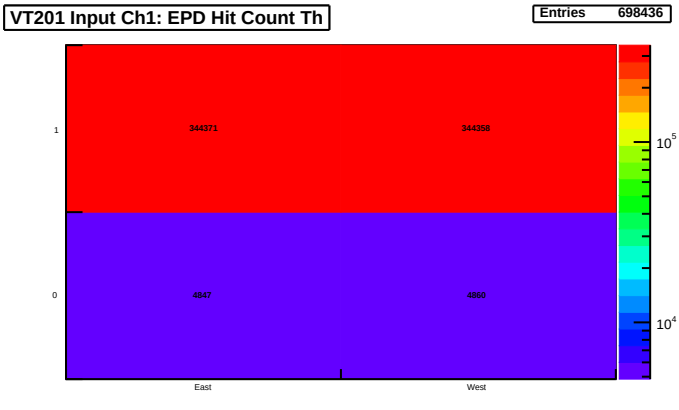

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

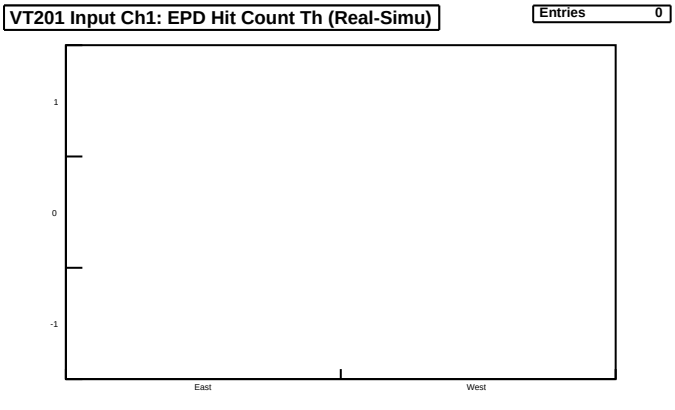

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 698436
271739
266434
77479
82784
East
West

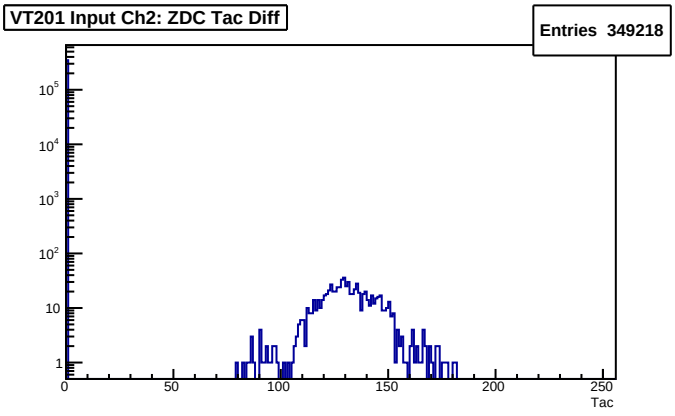

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

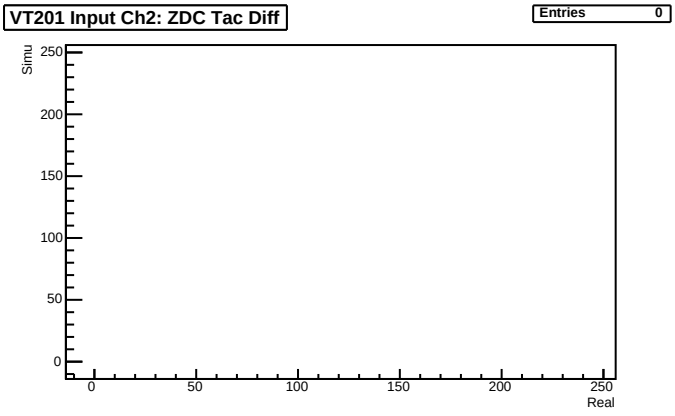

VT201 Input Ch1: EPD Tac Diff
Entries 349218
Tac

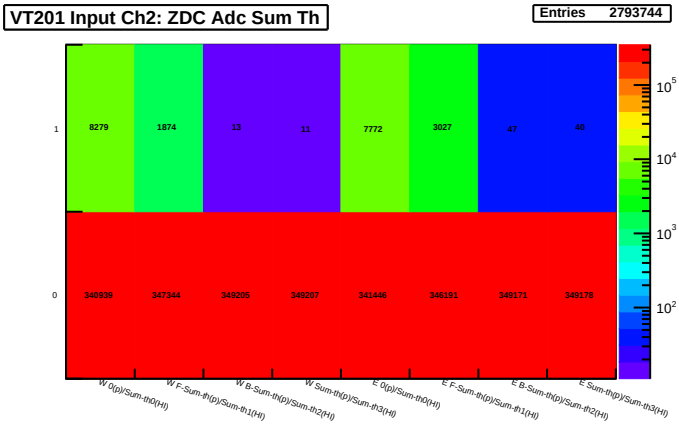

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

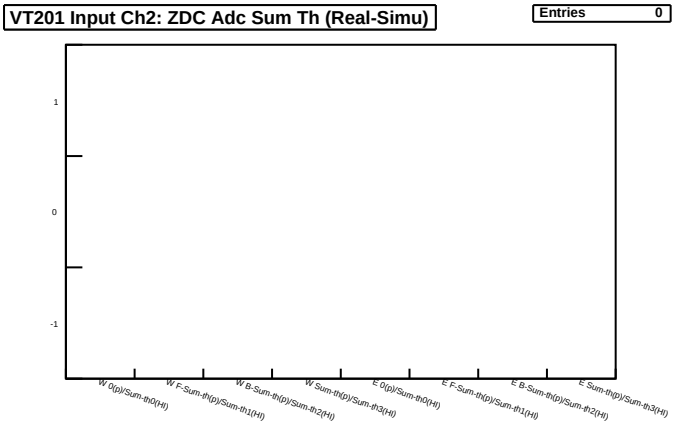

VT201 Input Ch1: EPD Hit Count Th
Entries 698436
344371
344358
4847
4860
East
West

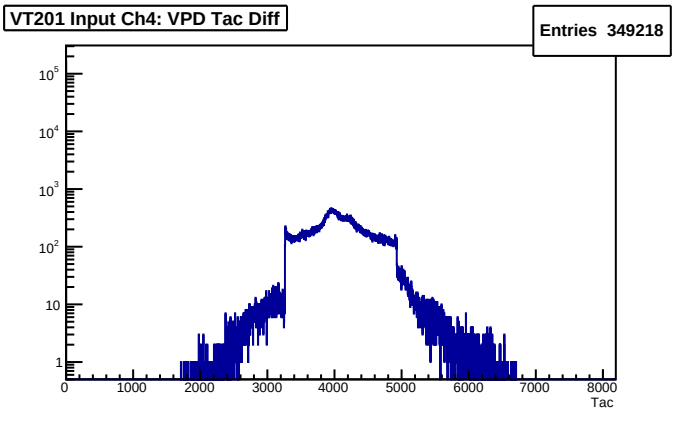

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

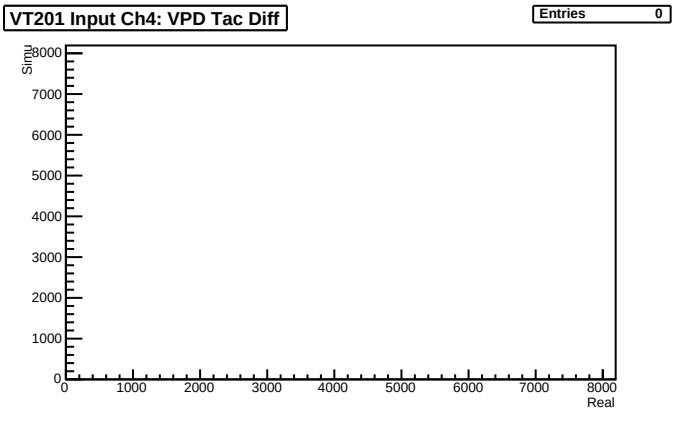

VT201 Input Ch2: ZDC Tac Diff
Entries 349218
Tac

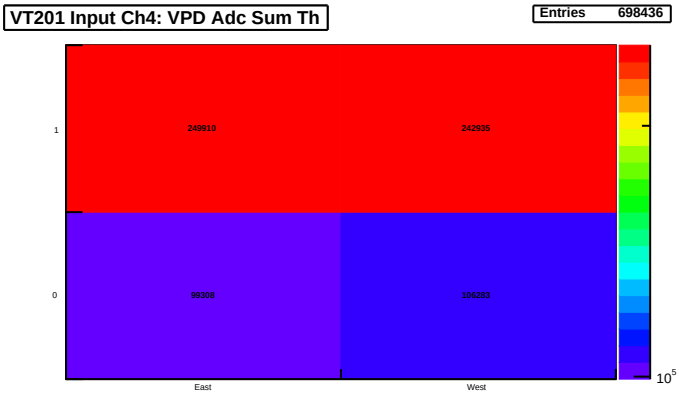

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

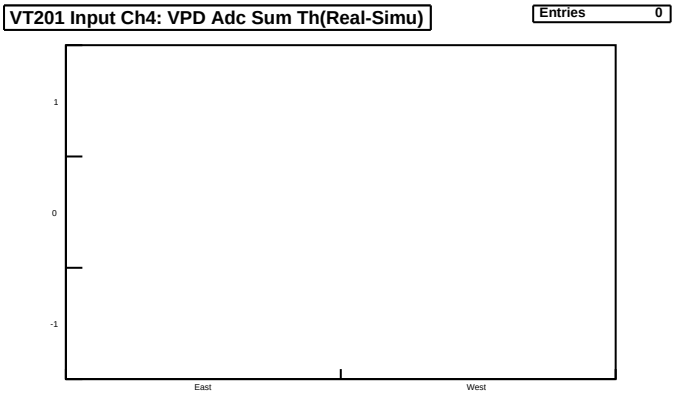

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2793744
8279
1874
13
11
7772
3027
47
40
340939
347344
349205
349207
341446
346191
349171
349178
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

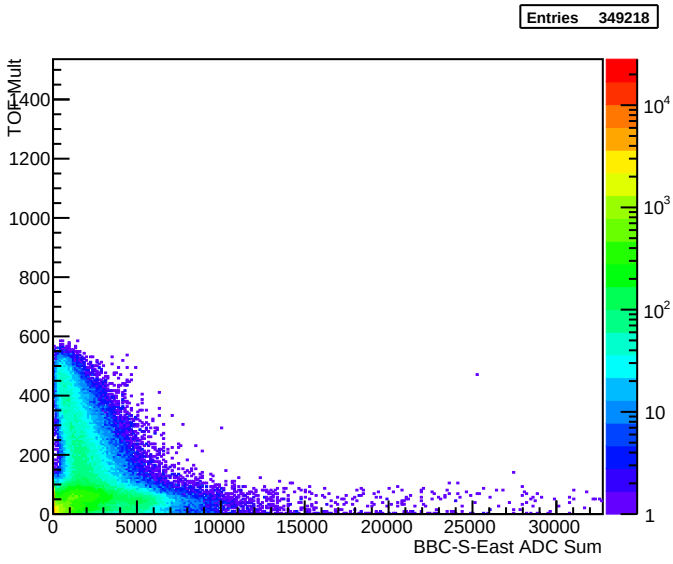

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

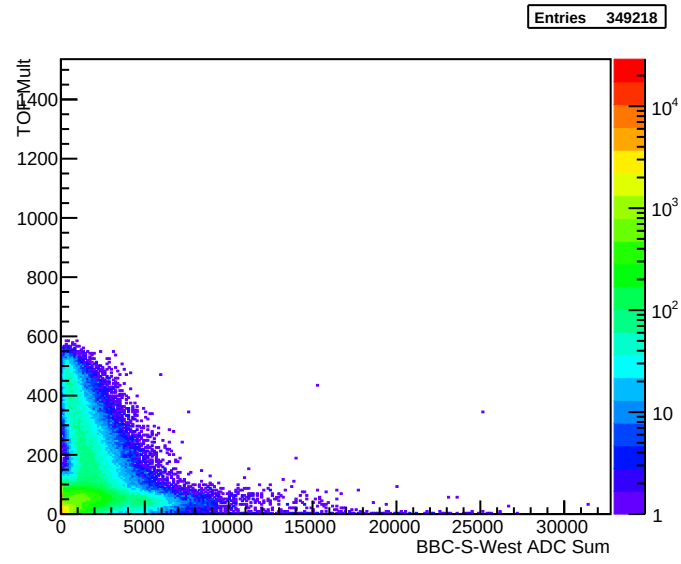

VT201 Input Ch4: VPD Tac Diff
Entries 349218
Tac

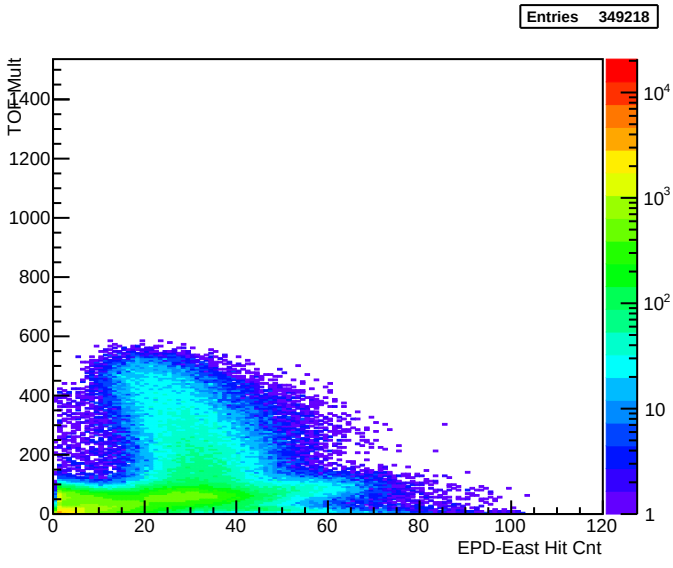

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

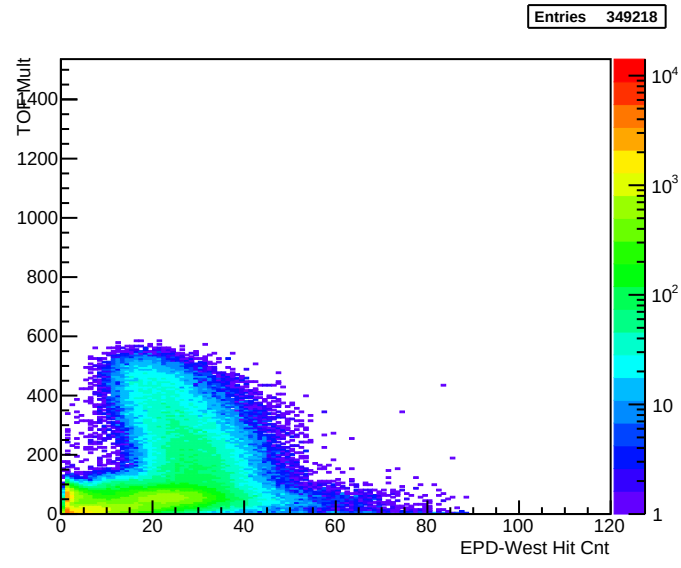

VT201 Input Ch4: VPD Adc Sum Th
Entries 698436
249910
242935
99308
106283
East
West

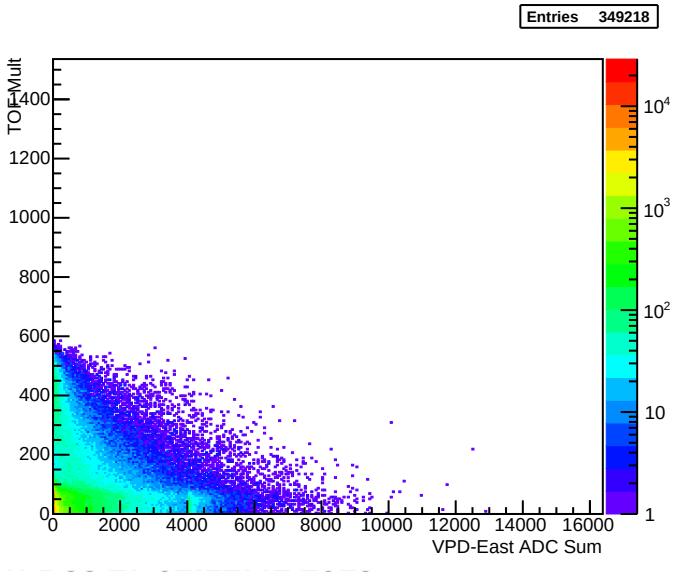

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

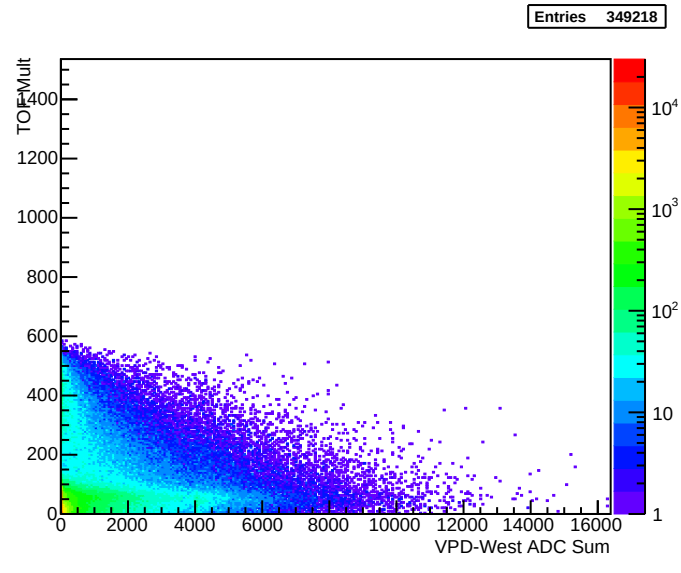

Entries 349218
TOF-Mult
BBC-S-East ADC Sum

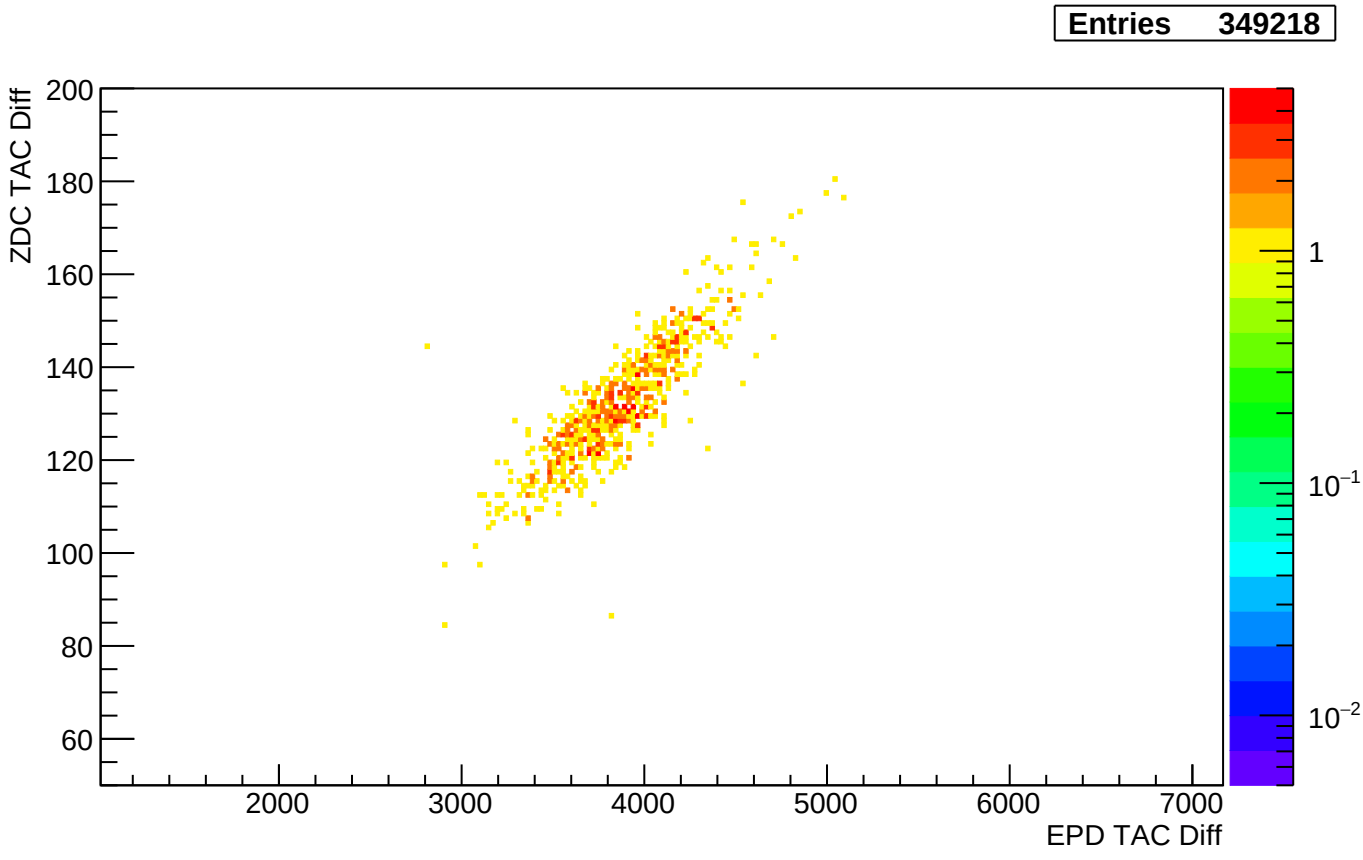

Entries 349218
TOF-Mult
BBC-S-West ADC Sum

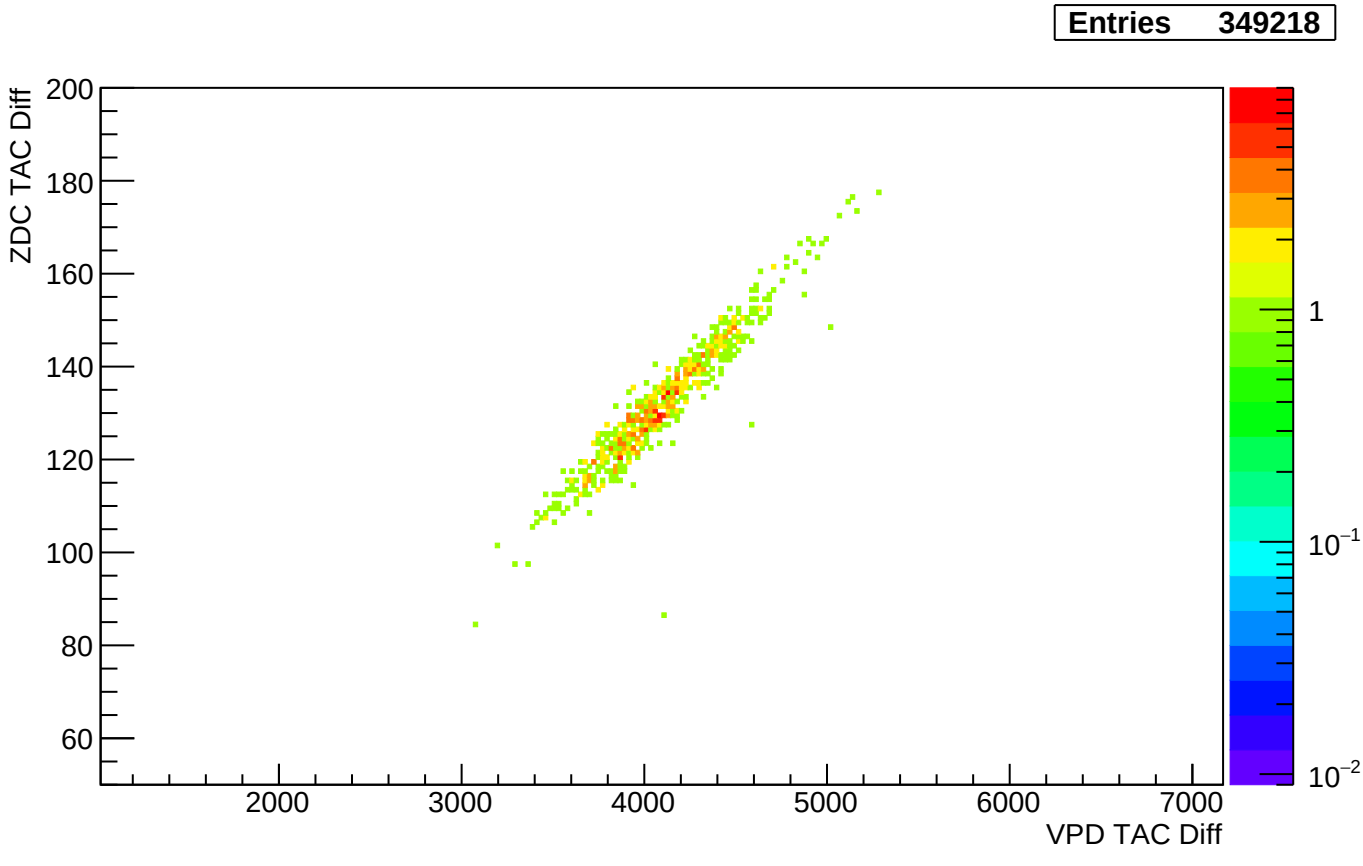

Entries 349218
TOF-Mult
EPD-East Hit Cnt

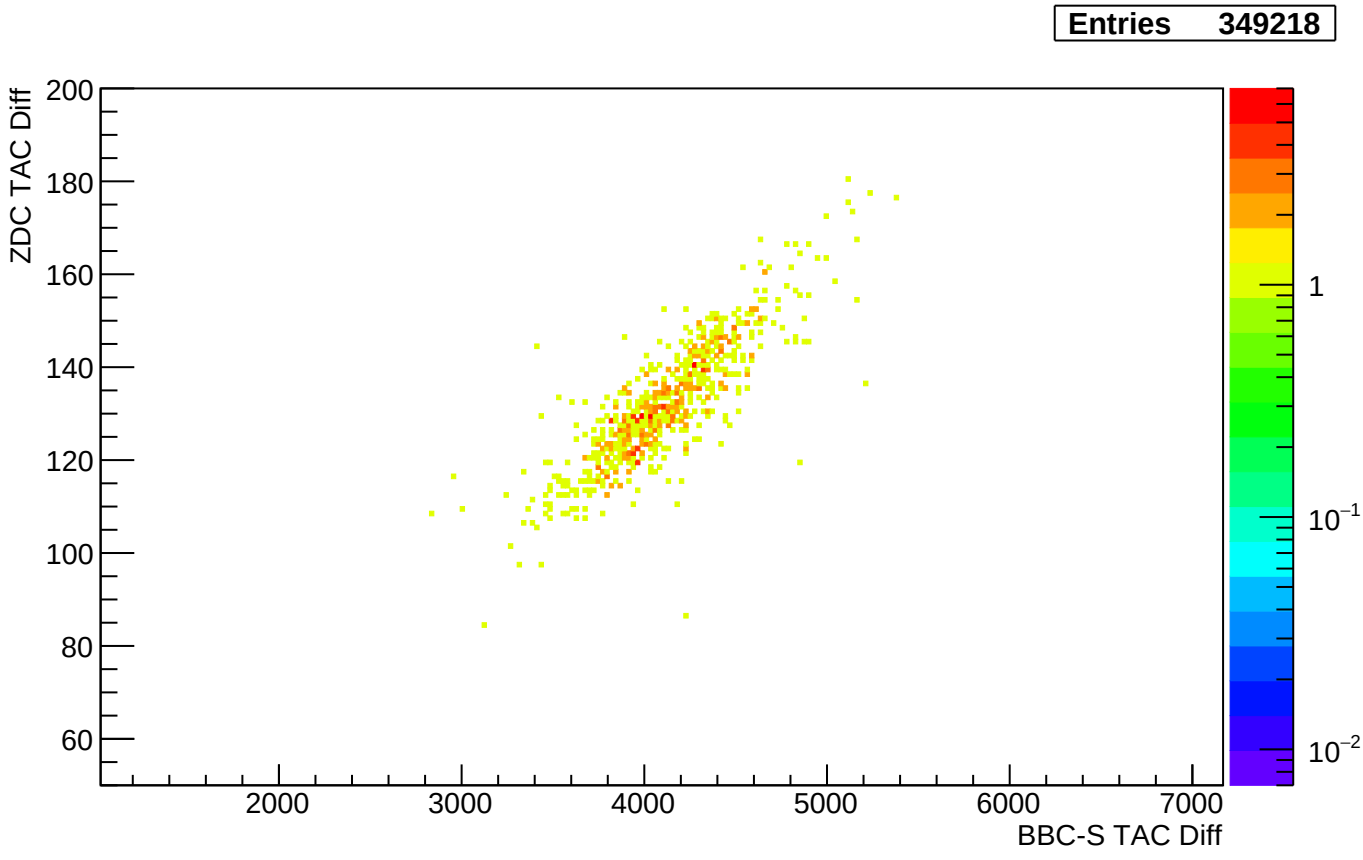

Entries 349218
TOF-Mult
EPD-West Hit Cnt

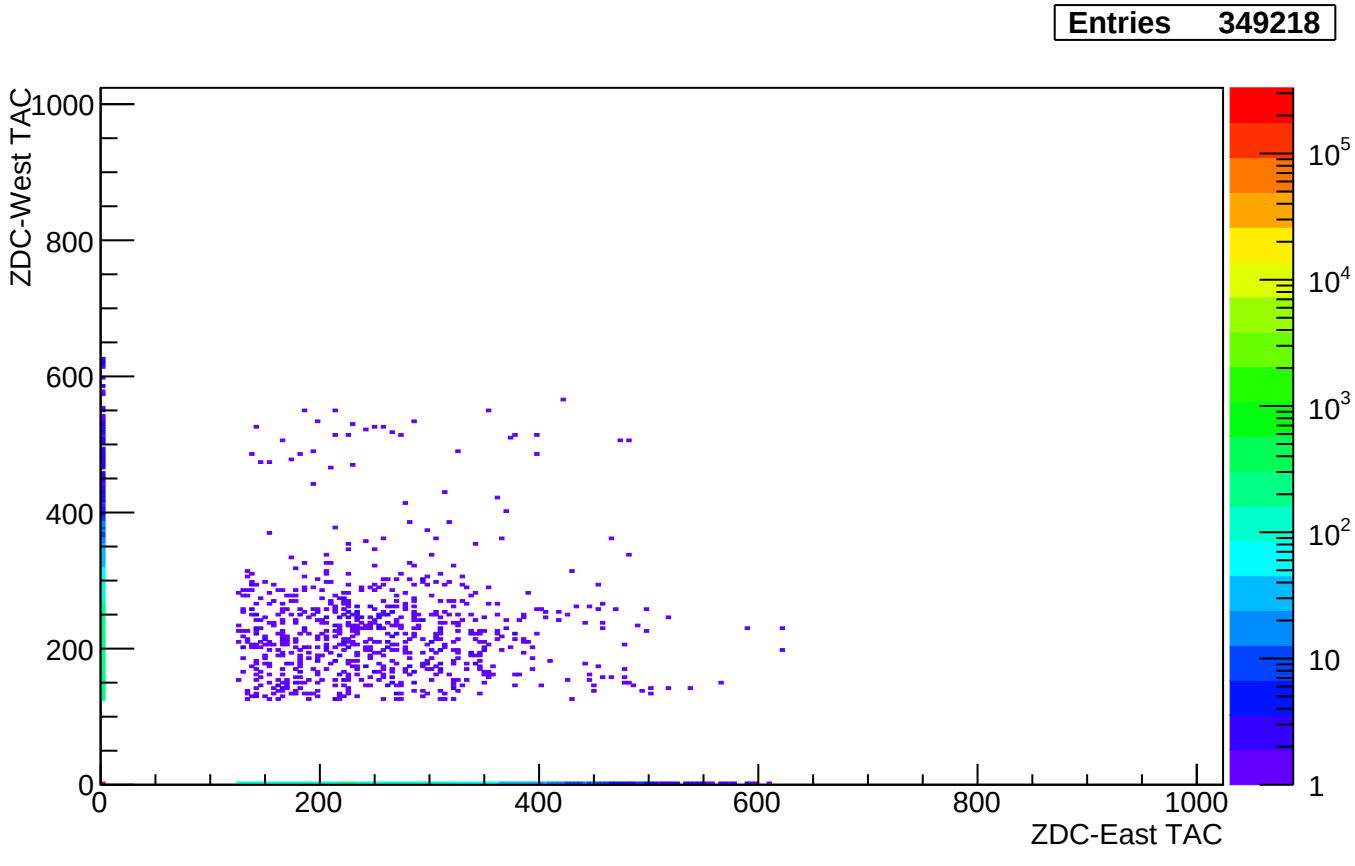

Entries 349218
TOF-Mult
VPD-East ADC Sum

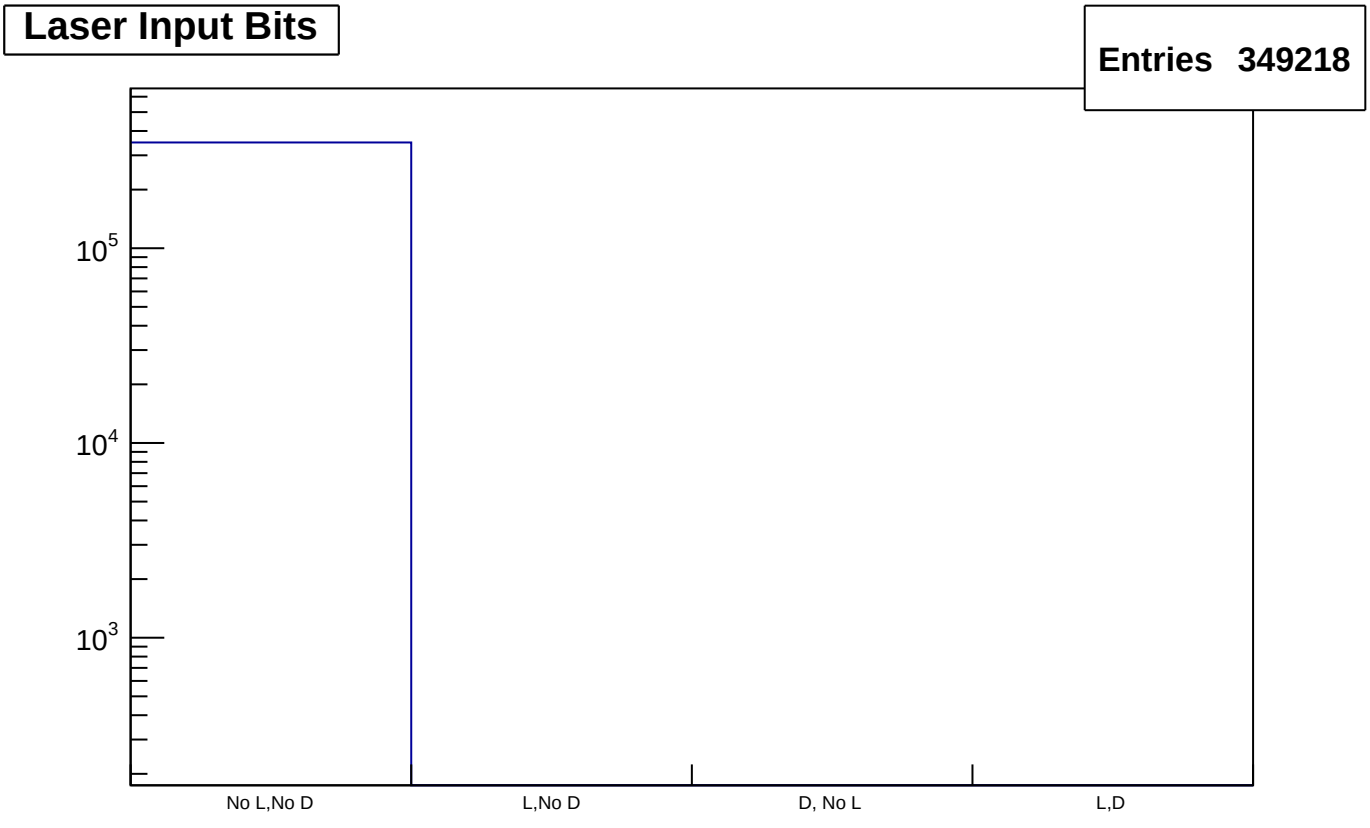

Entries 349218
TOF-Mult
VPD-West ADC Sum

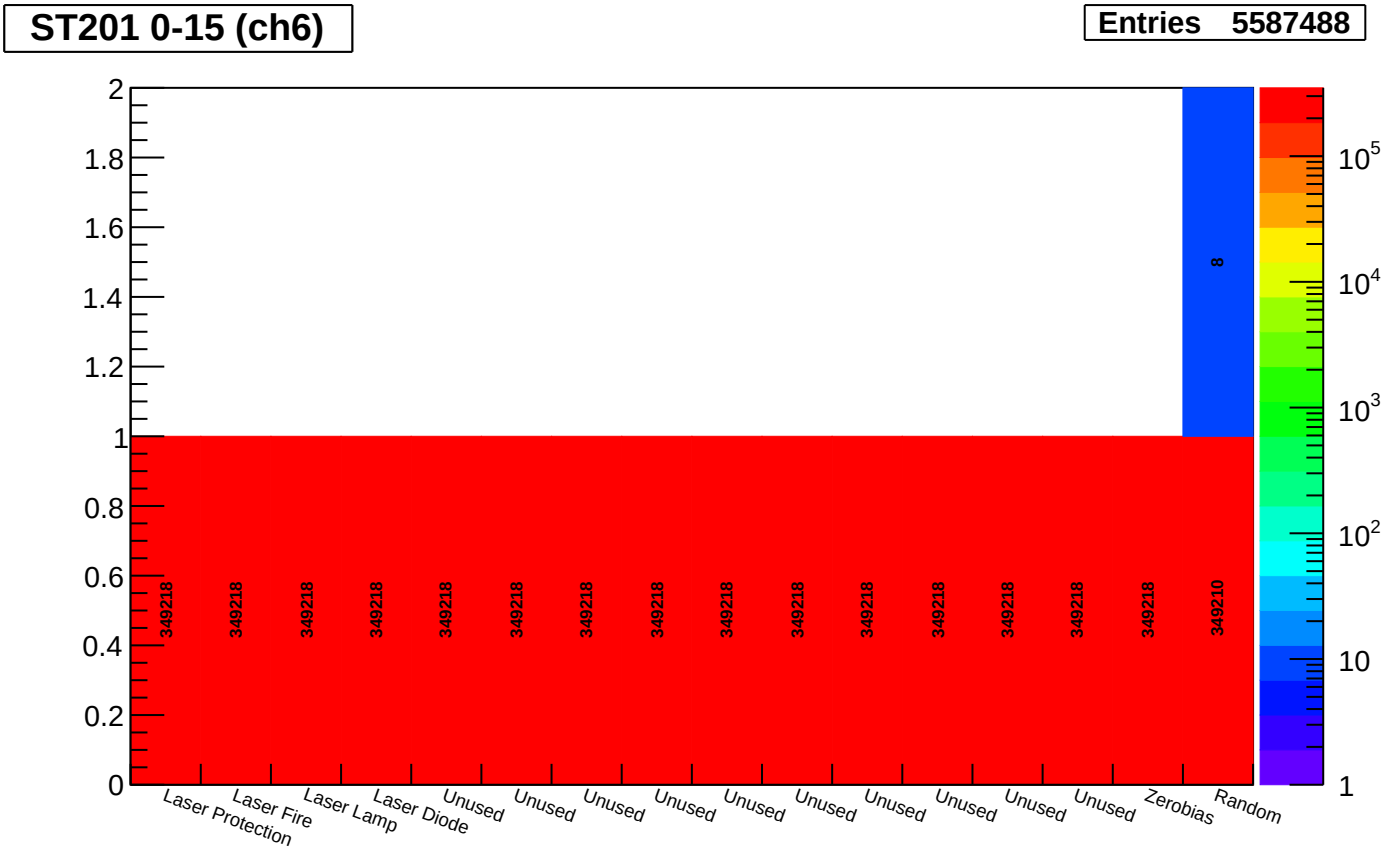

Entries 349218
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

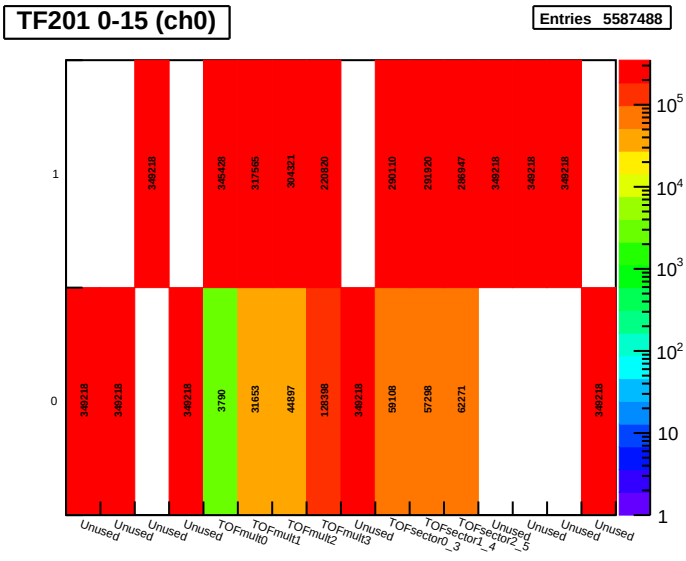

Entries 349218
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

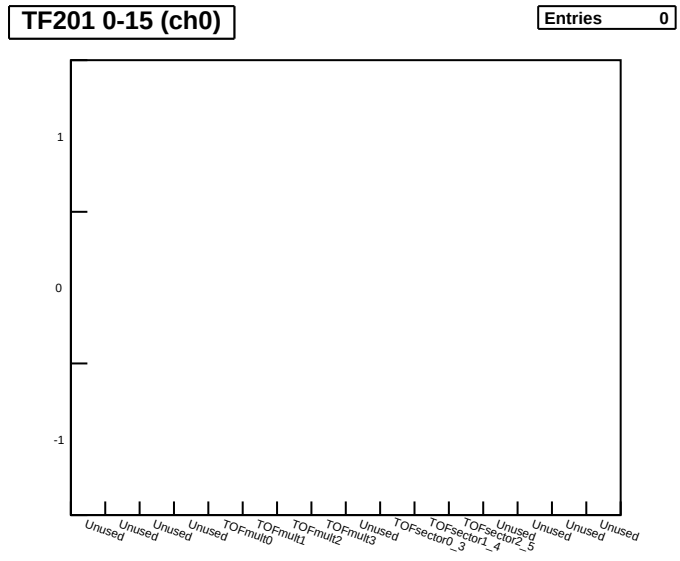

Entries 349218
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

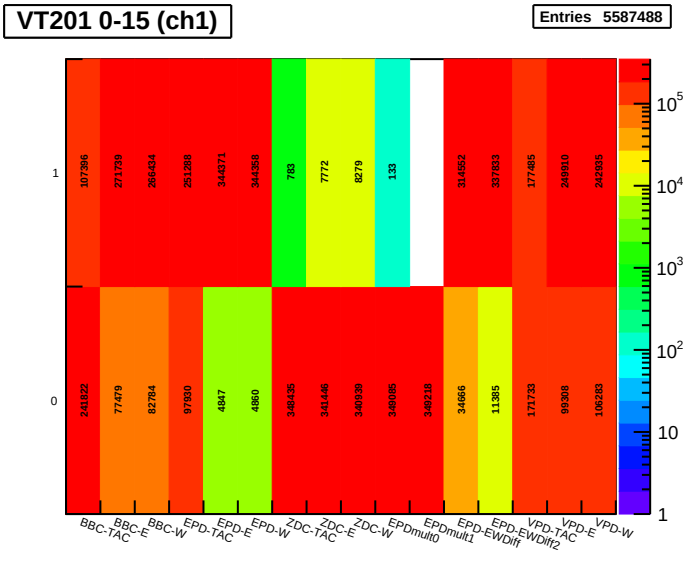

Entries 349218
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

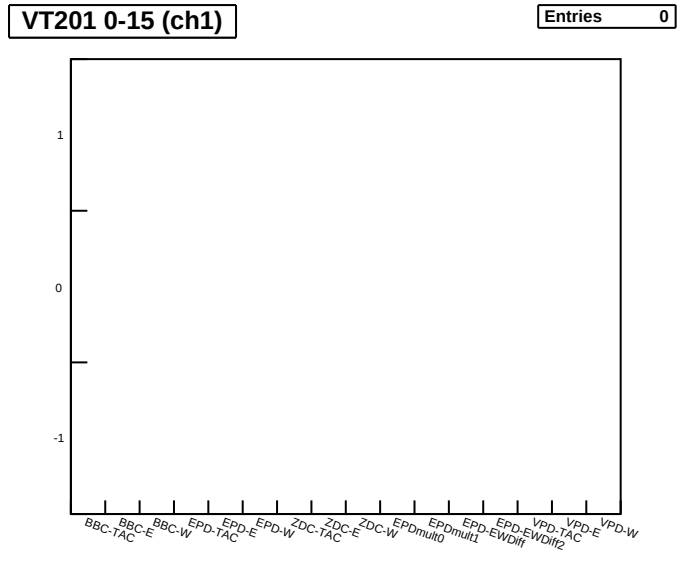

Laser Input Bits
Entries 349218
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

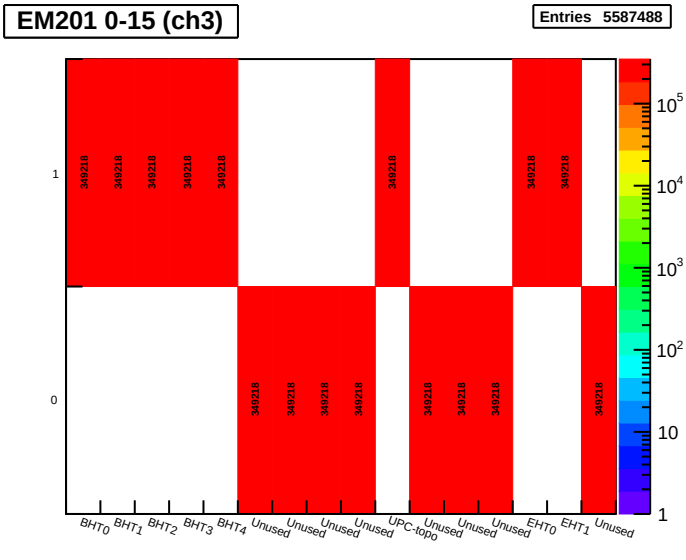

ST201 0-15 (ch6)
Entries 5587488
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
8
349218
349210
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

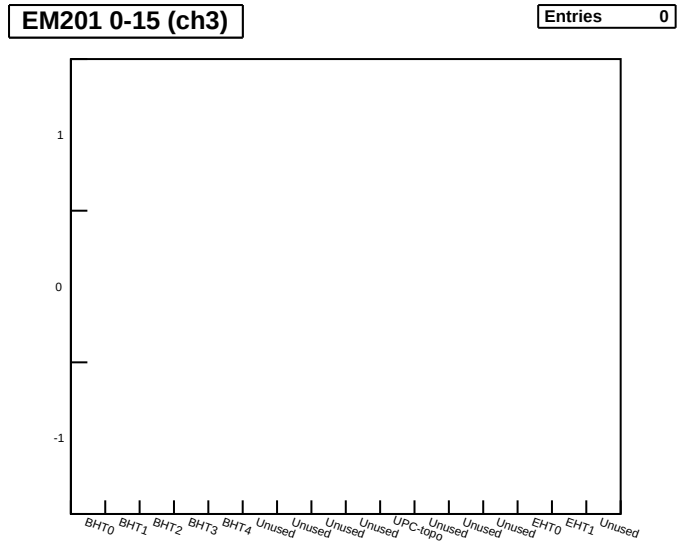

TF201 0-15 (ch0)
Entries 5587488
1
0
349218
349218
349218
349218
465428
317565
304321
220820
290110
291920
286947
349218
349218
349218
349218
349218
3790
31653
44997
128398
349218
59108
57298
62271
349218
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5587488
1
0
107396
271759
266434
251288
344371
344358
783
7772
8279
133
314552
337833
177485
249910
242935
241822
77479
82784
97930
4847
4860
348435
341446
340939
349085
349218
34666
11385
171733
99308
106283
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 5587488
1
0
349218
349218
349218
349218
349218
349218
349218
349218
349218
349218
349218
349218
349218
349218
349218
349218
349218
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