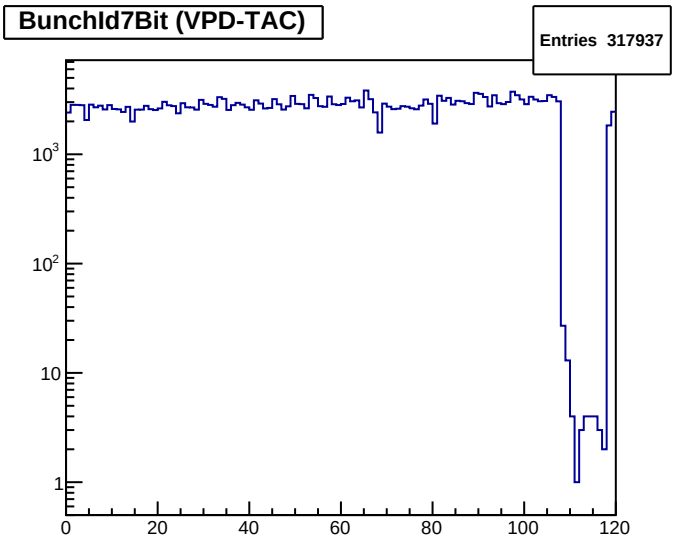
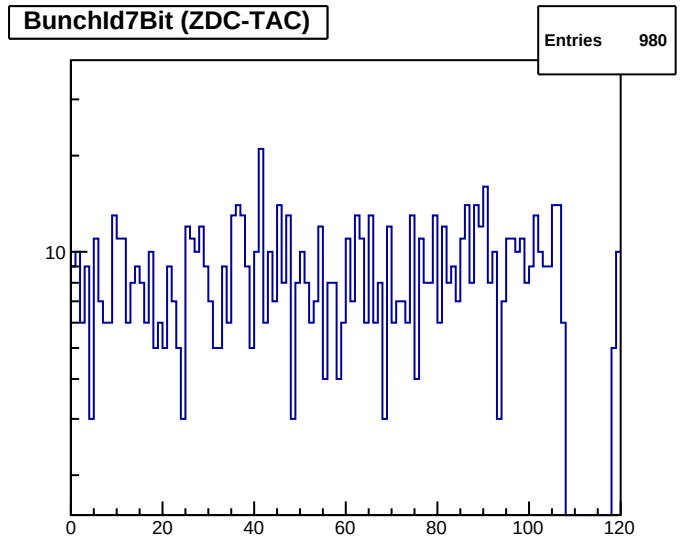
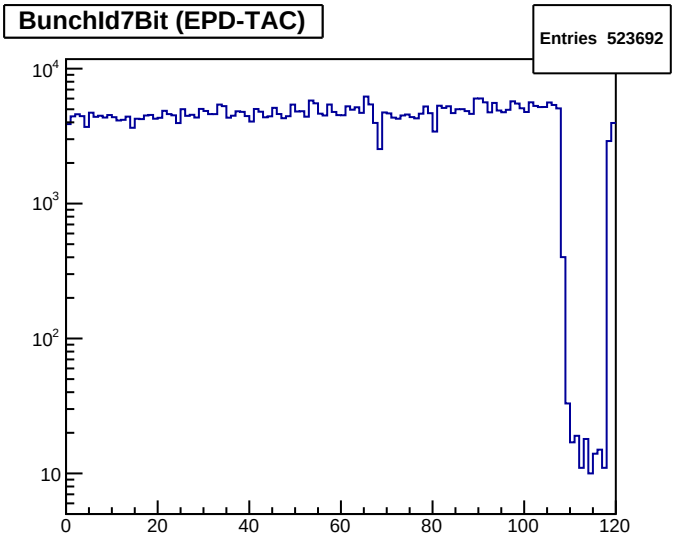
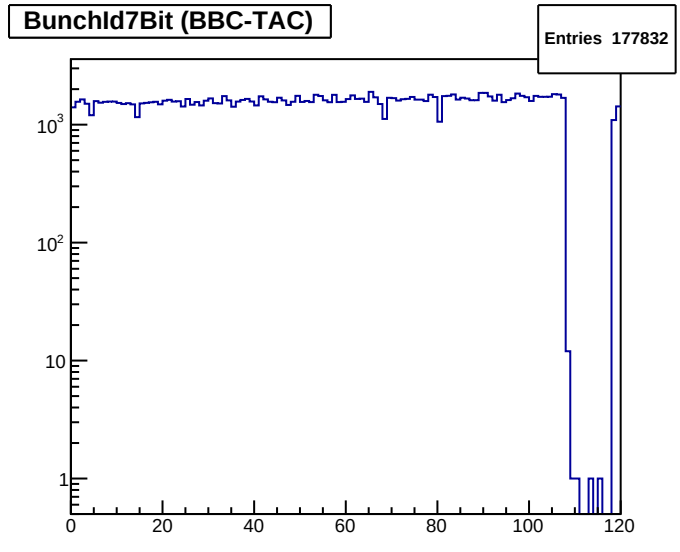
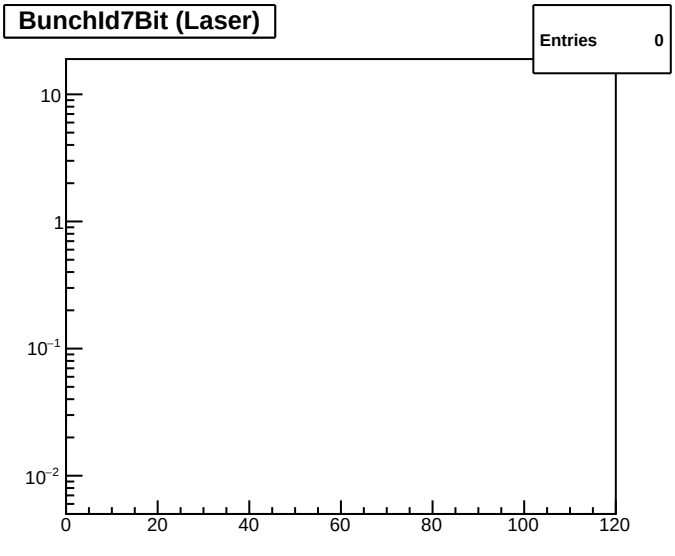
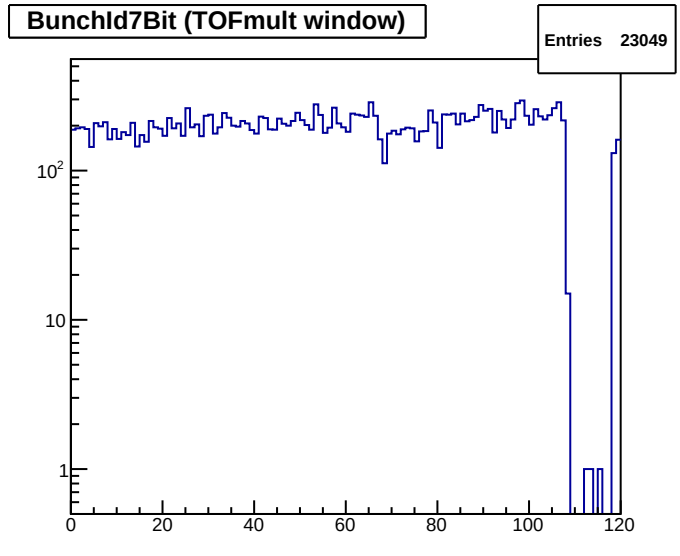

BunchId7Bit (VPD-TAC)
Entries 317937

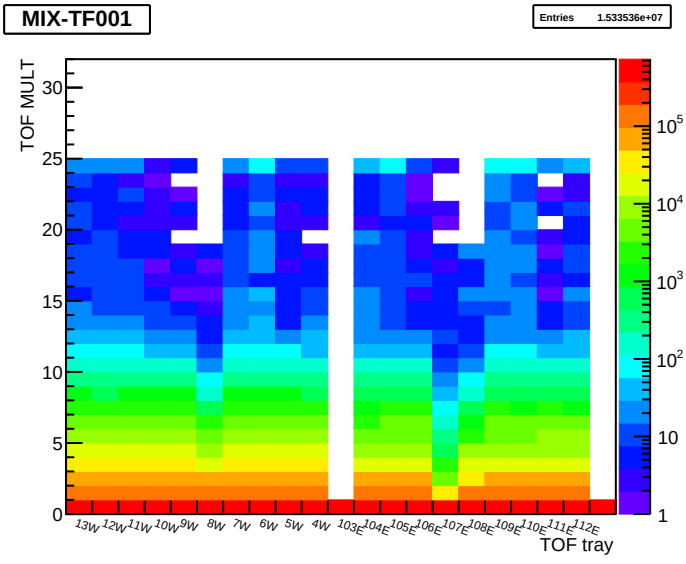

BunchId7Bit (ZDC-TAC)
Entries 980

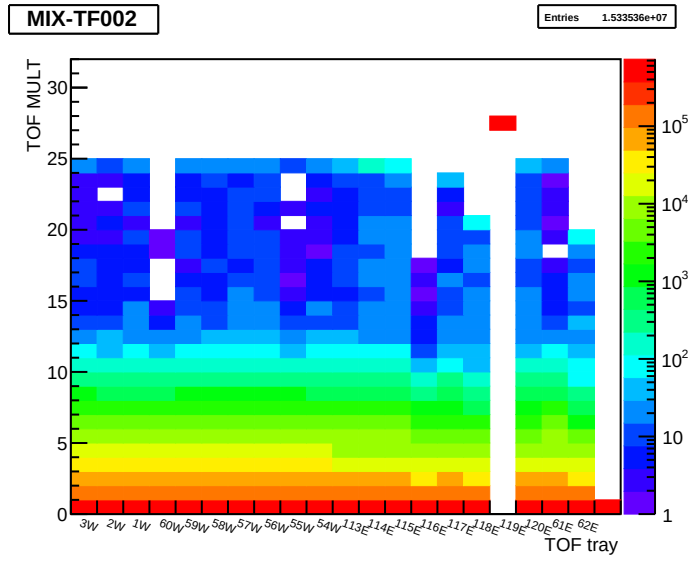

BunchId7Bit (EPD-TAC)
Entries 523692

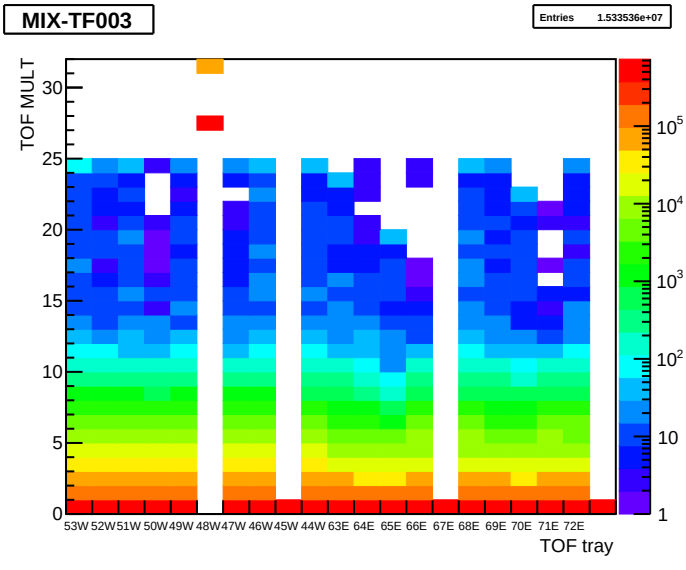

BunchId7Bit (BBC-TAC)
Entries 177832

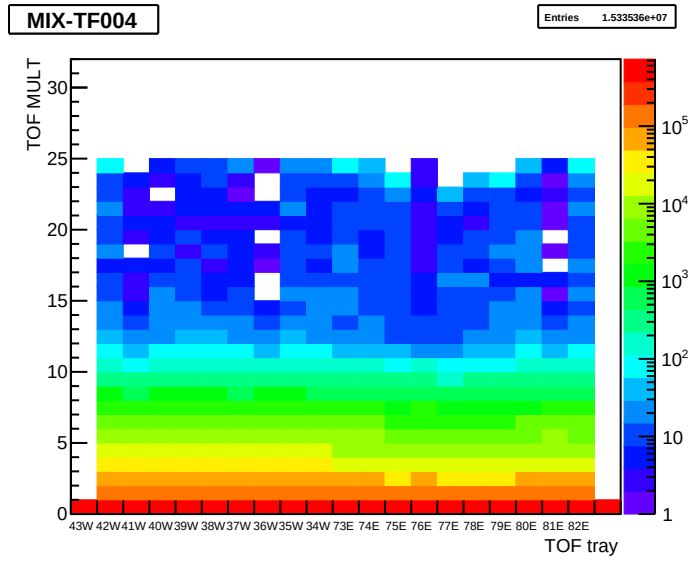

BunchId7Bit (Laser)
Entries 0

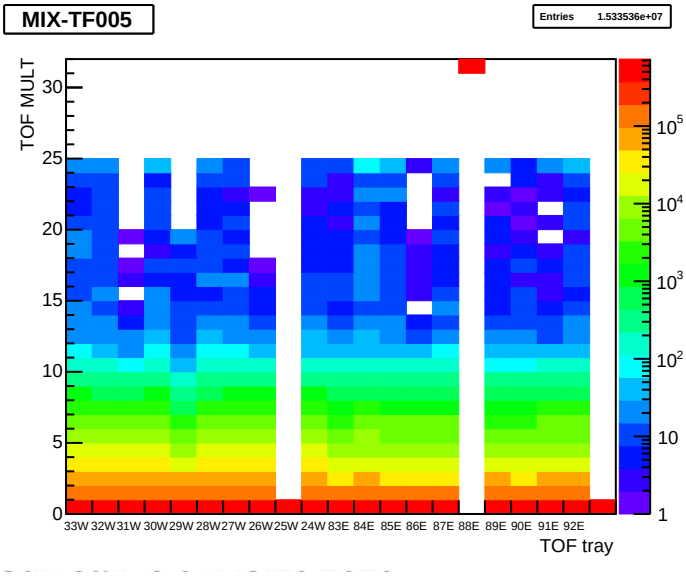

BunchId7Bit (TOFmult window)
Entries 23049

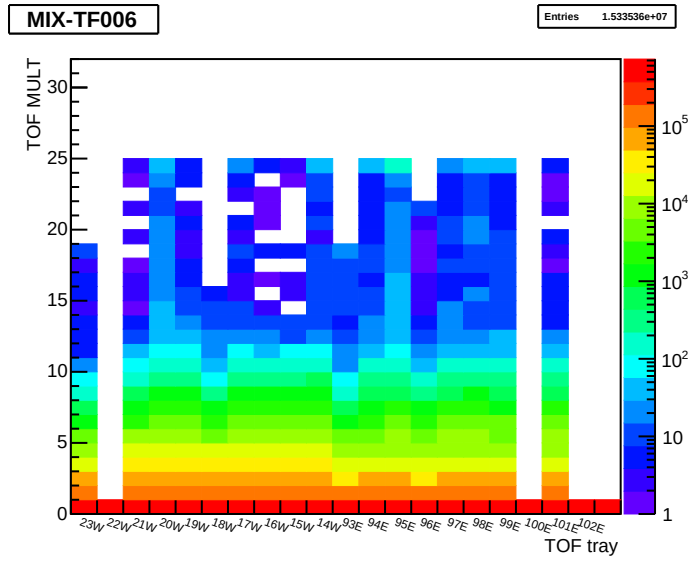

MIX-TF001
Entries 1.533536e+07
TOF MULT
TOF tray

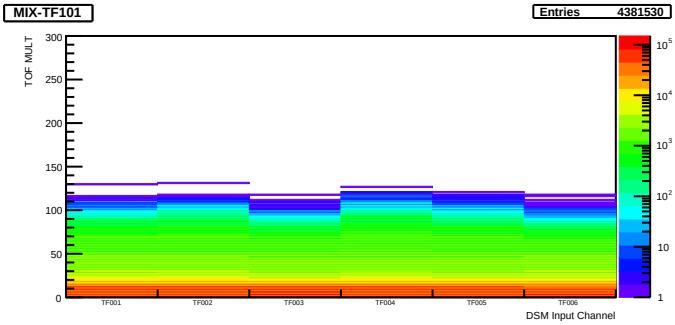

MIX-TF002
Entries 1.533536e+07
TOF MULT
TOF tray

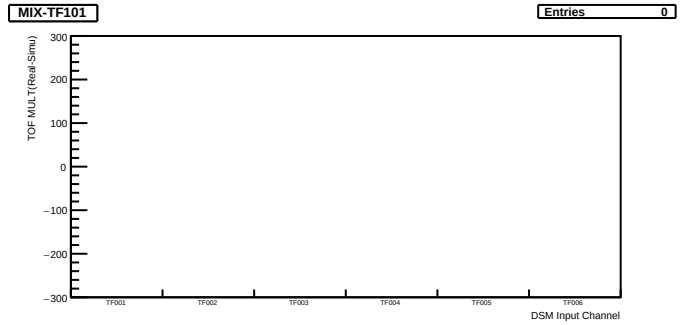

MIX-TF003
Entries 1.533536e+07
TOF MULT
TOF tray

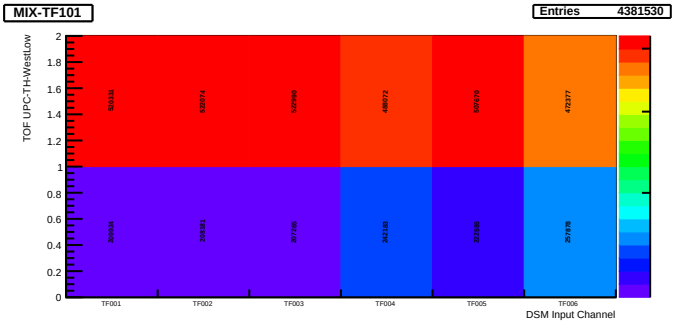

MIX-TF004
Entries 1.533536e+07
TOF MULT
TOF tray

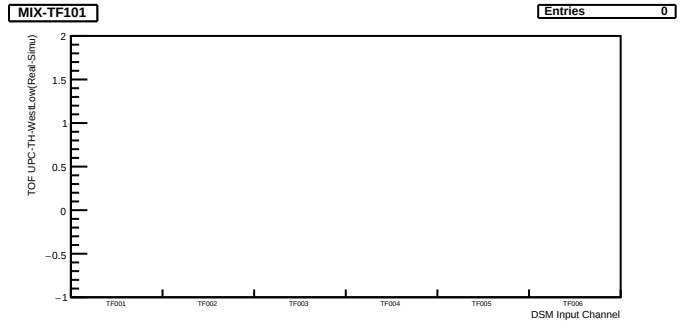

MIX-TF005
Entries 1.533536e+07
TOF MULT
TOF tray

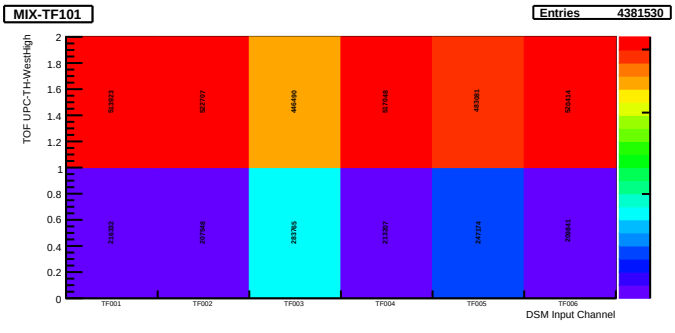

MIX-TF006
Entries 1.533536e+07
TOF MULT
TOF tray

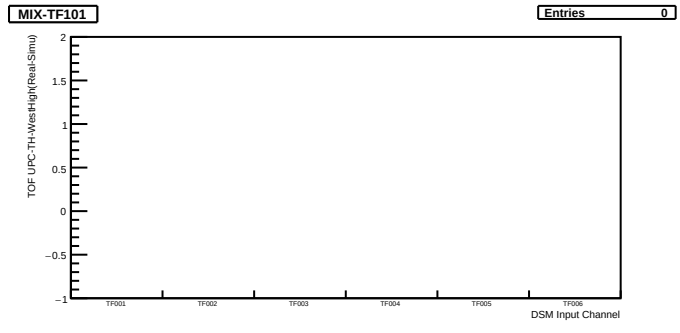

MIX-TF101
Entries 4381530
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

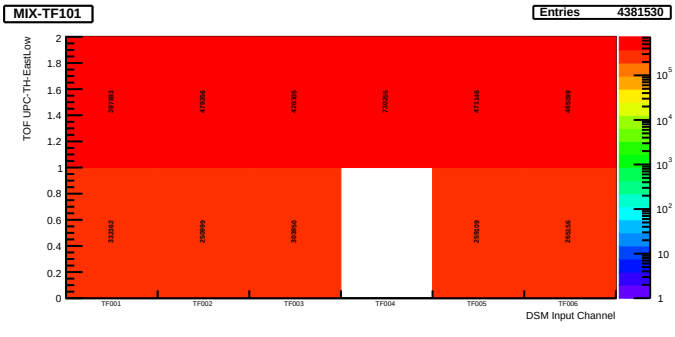

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

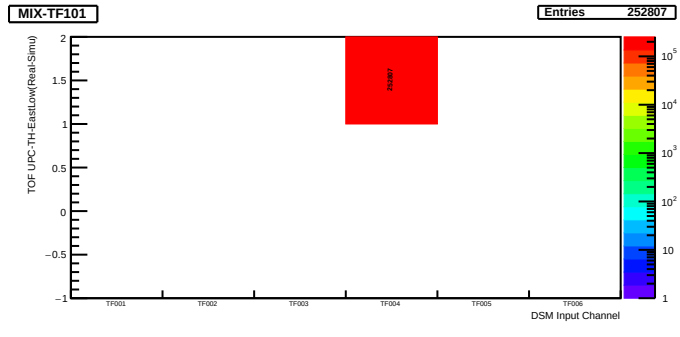

MIX-TF101
Entries 4381530
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

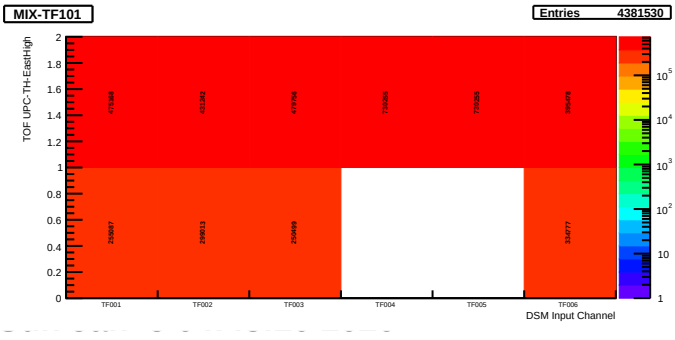

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

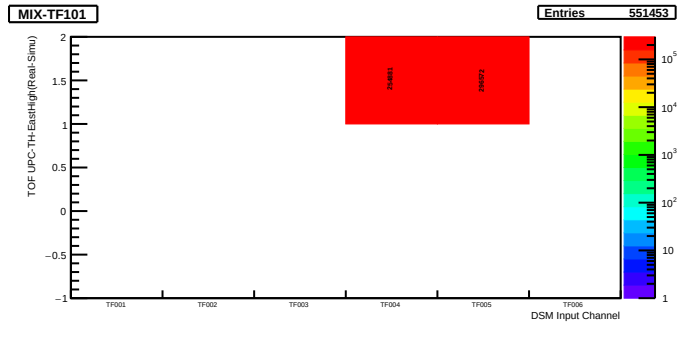

MIX-TF101
Entries 4381530
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

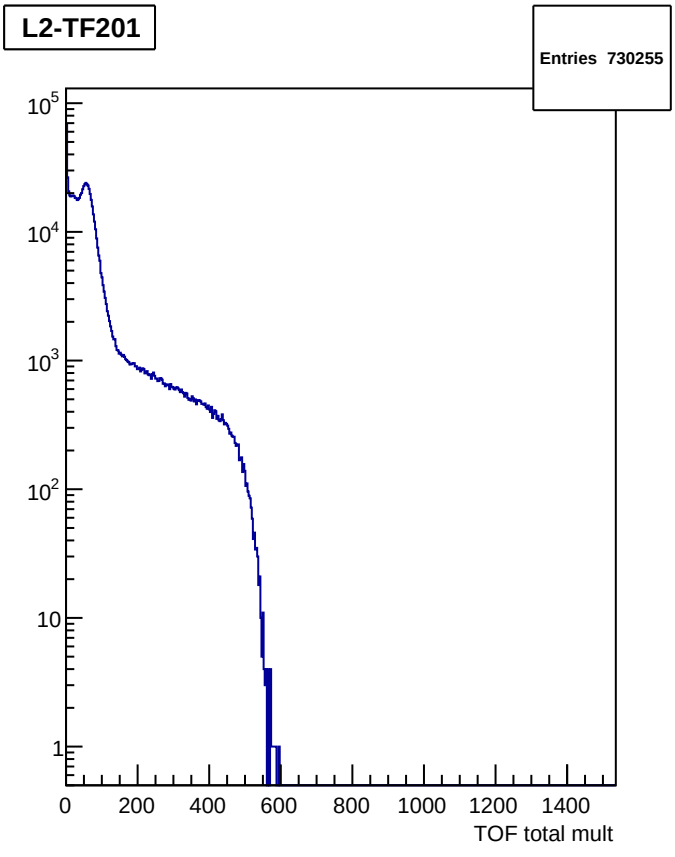

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

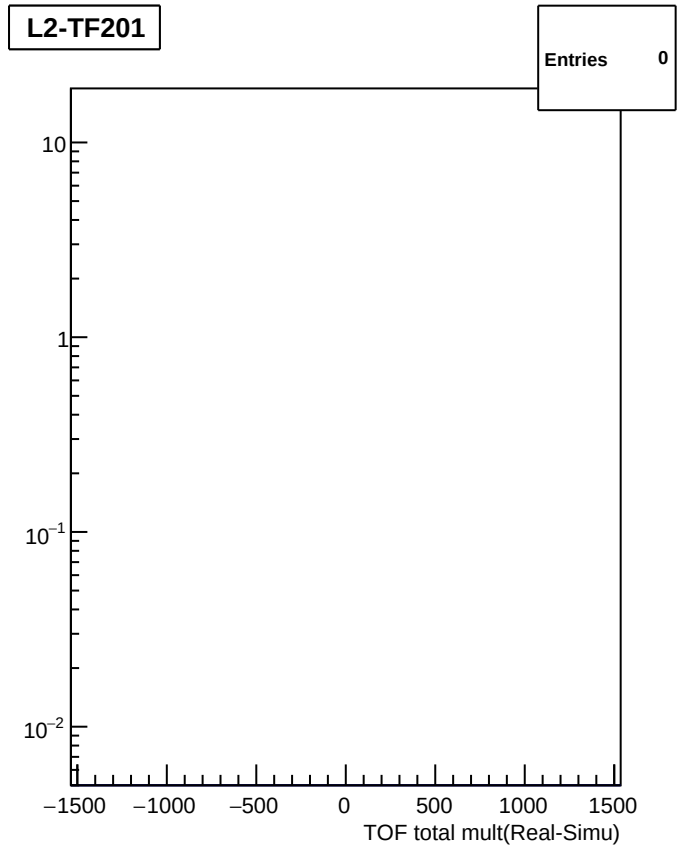

MIX-TF101
Entries 4381530
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

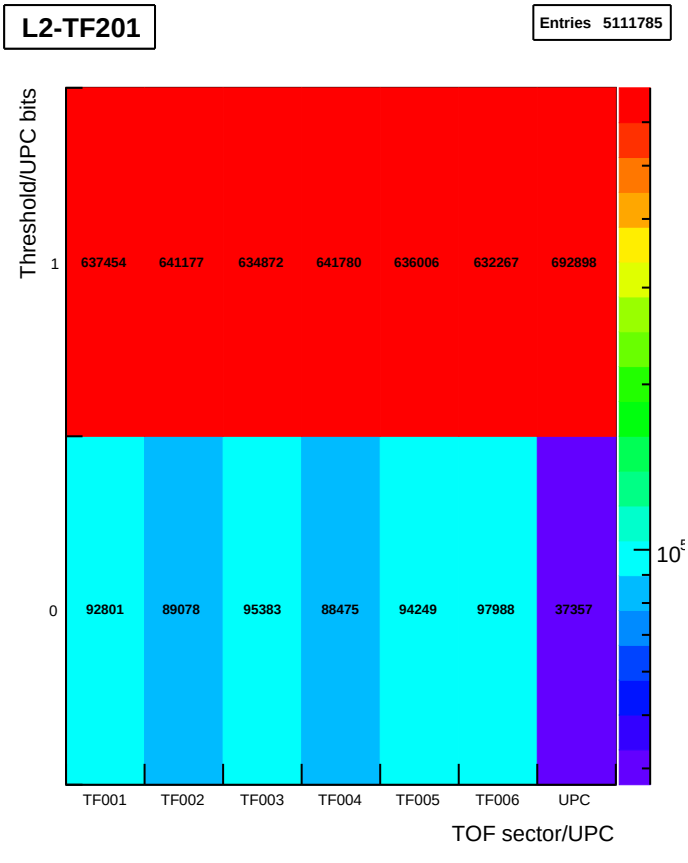

MIX-TF101
Entries 252807
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

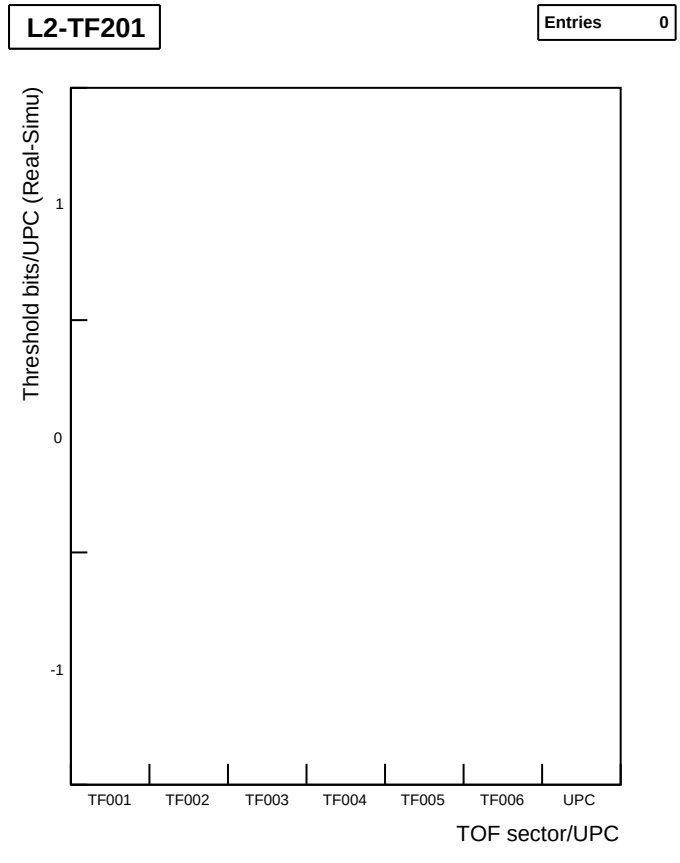

MIX-TF101
Entries 4381530
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

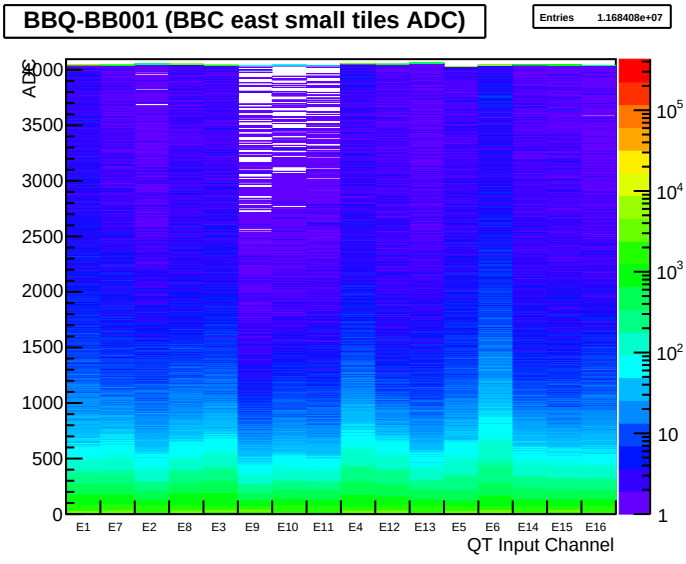

MIX-TF101
Entries 551453
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

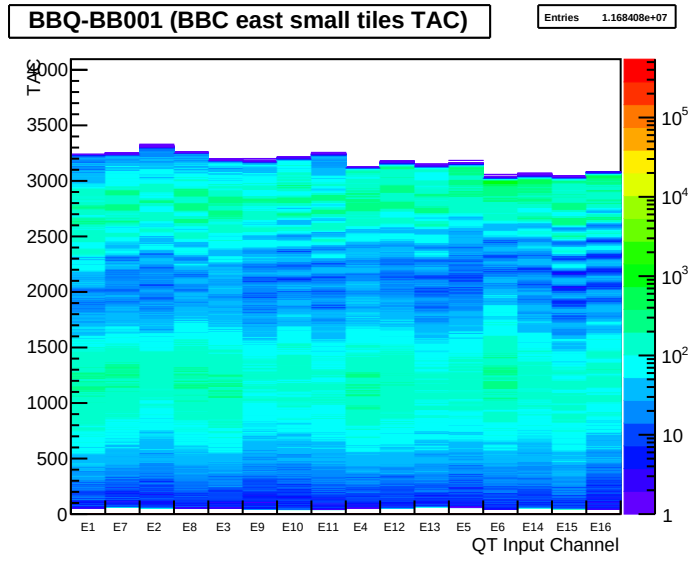

L2-TF201
Entries 730255
TOF total mult

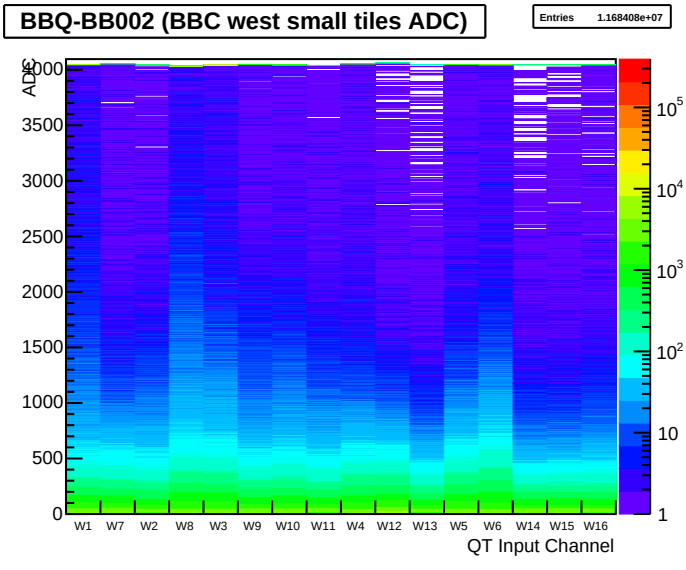

L2-TF201
Entries 0
TOF total mult(Real-Simu)

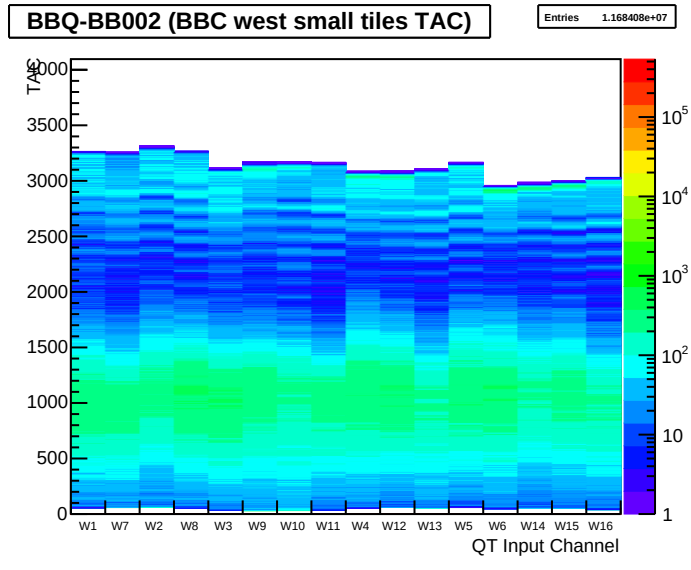

L2-TF201
Entries 5111785
Threshold/UPC bits
637454
641177
634872
641780
636006
632267
692898
92801
89078
95383
88475
94249
97988
37357
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

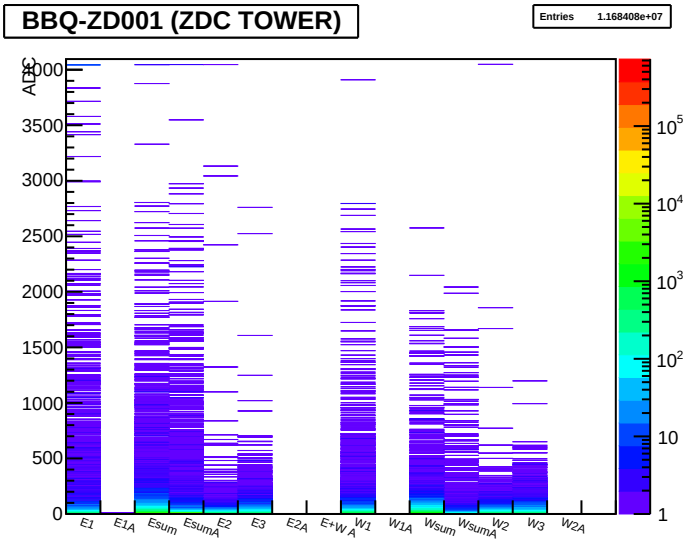

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

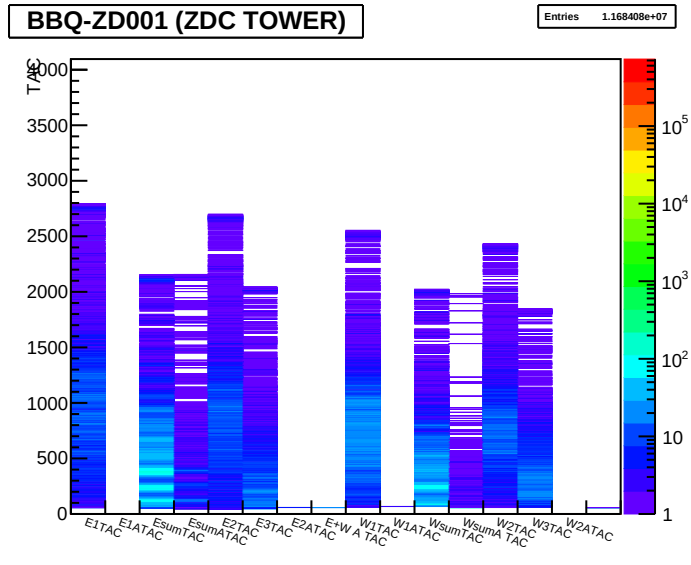

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.168408e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

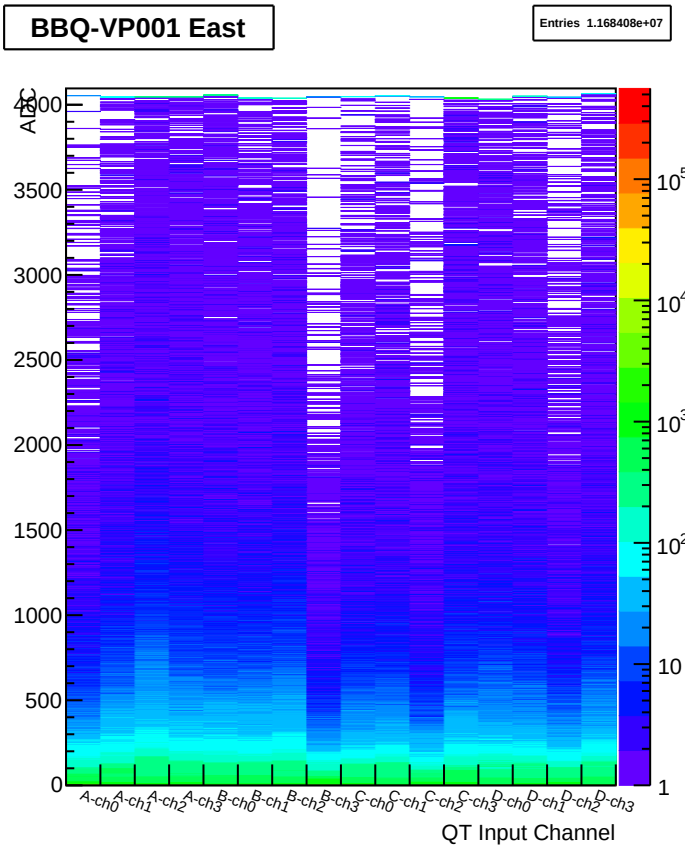

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.168408e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

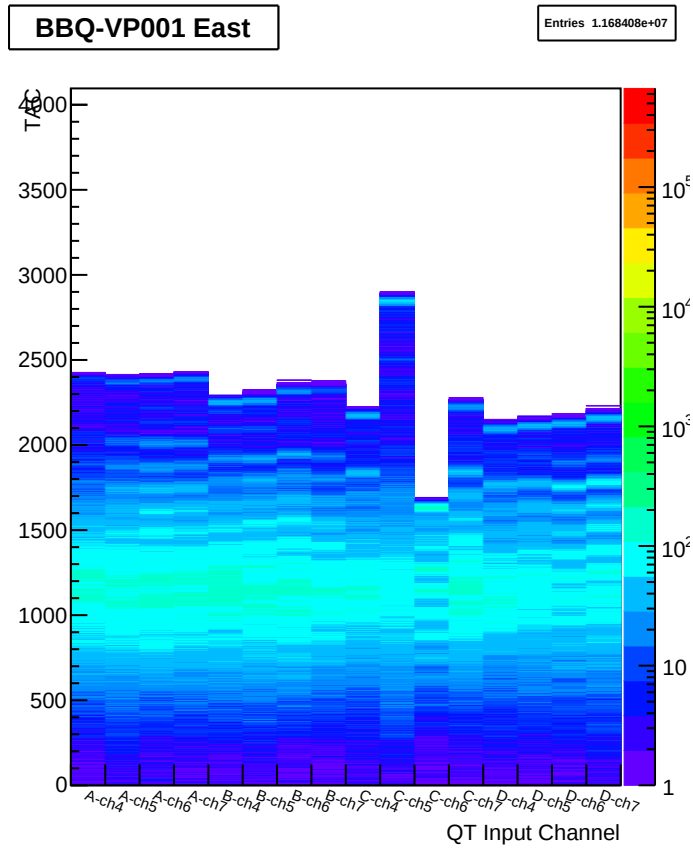

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.168408e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

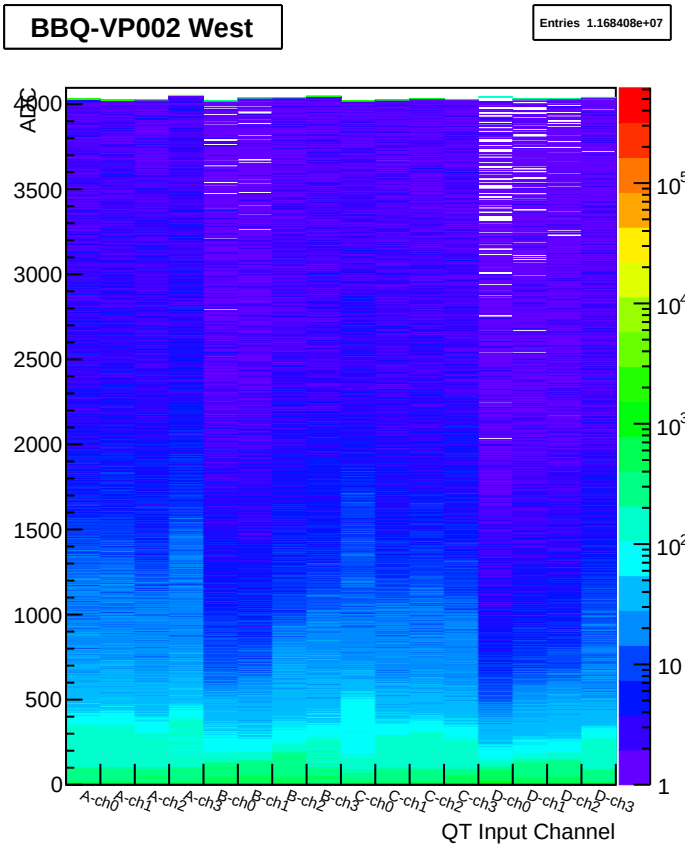

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.168408e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

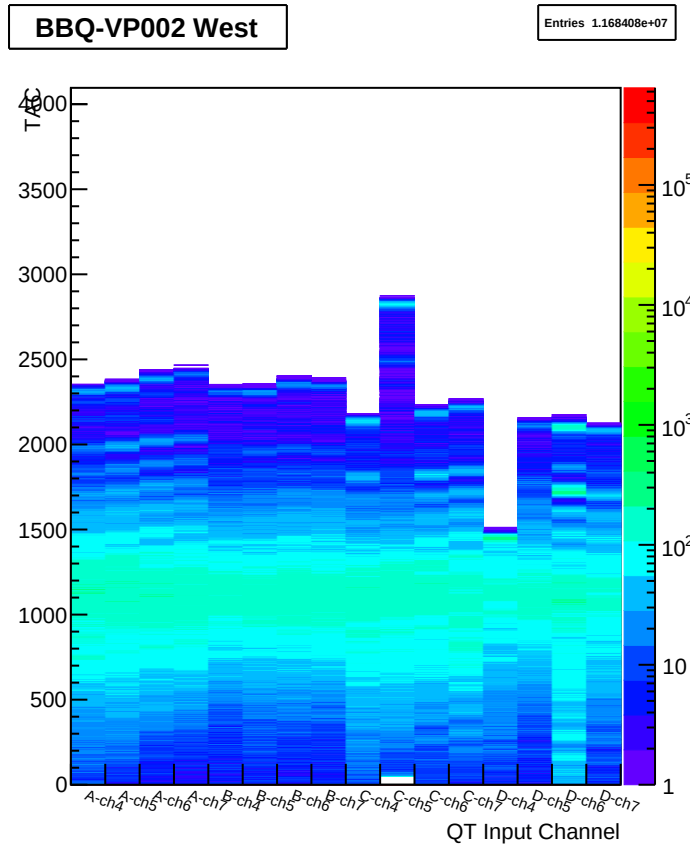

BBQ-ZD001 (ZDC TOWER)
Entries 1.168408e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

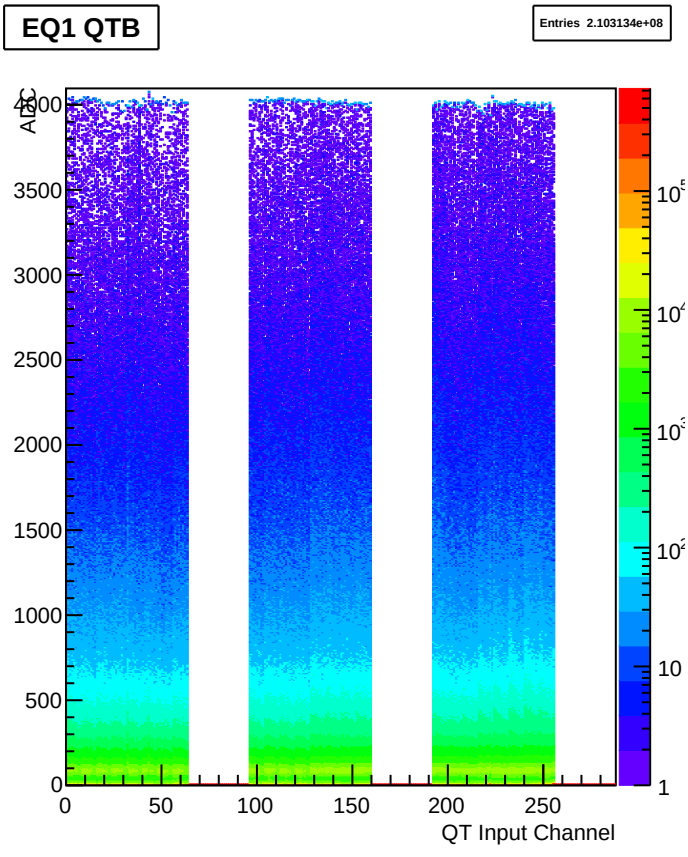

BBQ-ZD001 (ZDC TOWER)
Entries 1.168408e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

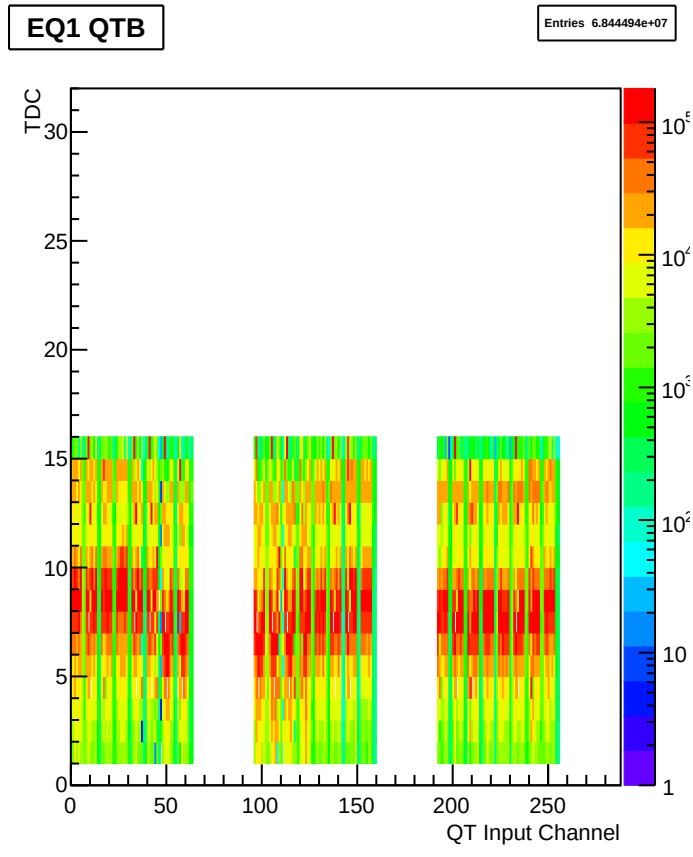

BBQ-VP001 East
Entries 1.168408e+07
ADC
QT Input Channel

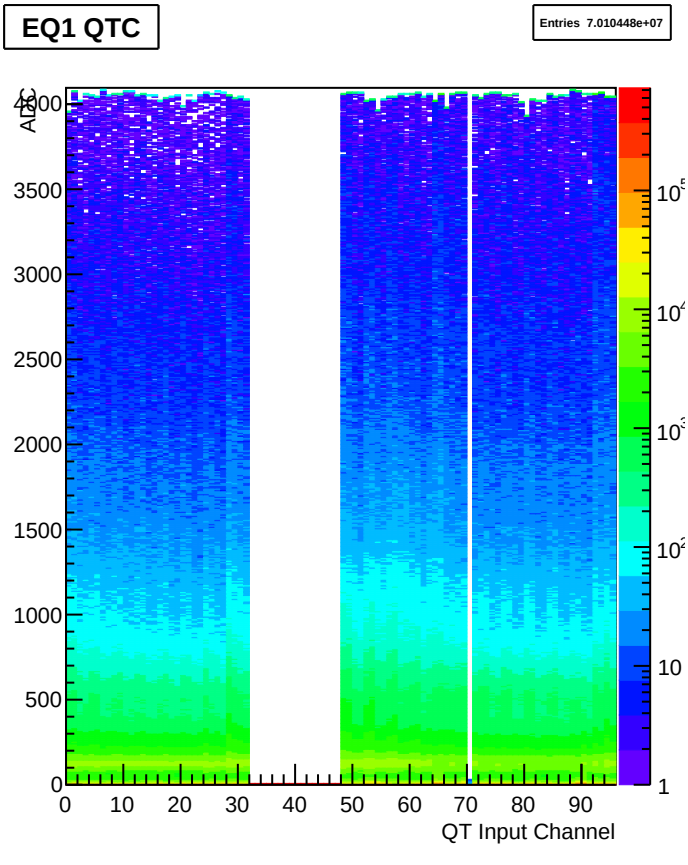

BBQ-VP001 East
Entries 1.168408e+07
TADC
QT Input Channel

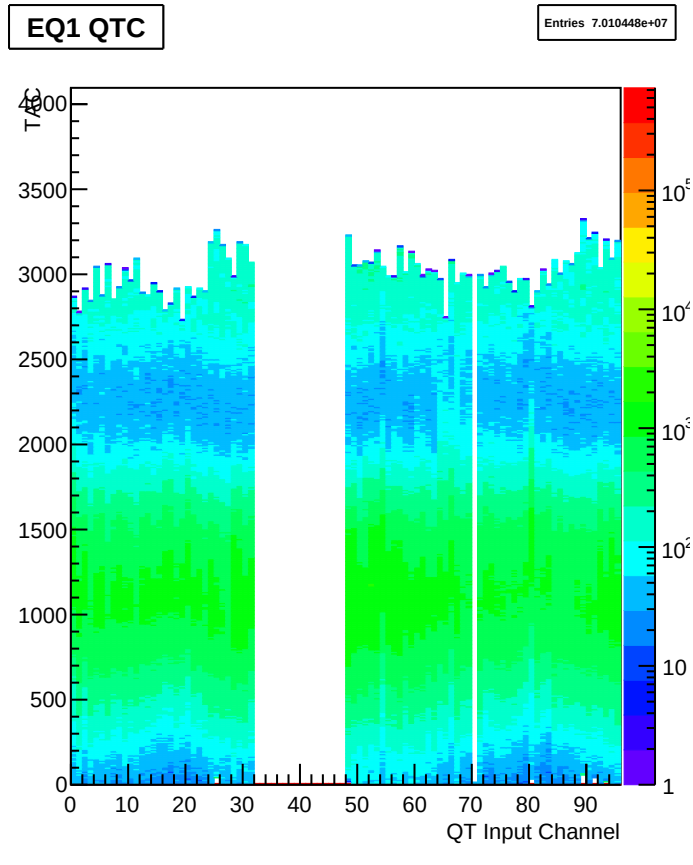

BBQ-VP002 West
Entries 1.168408e+07
ADC
QT Input Channel

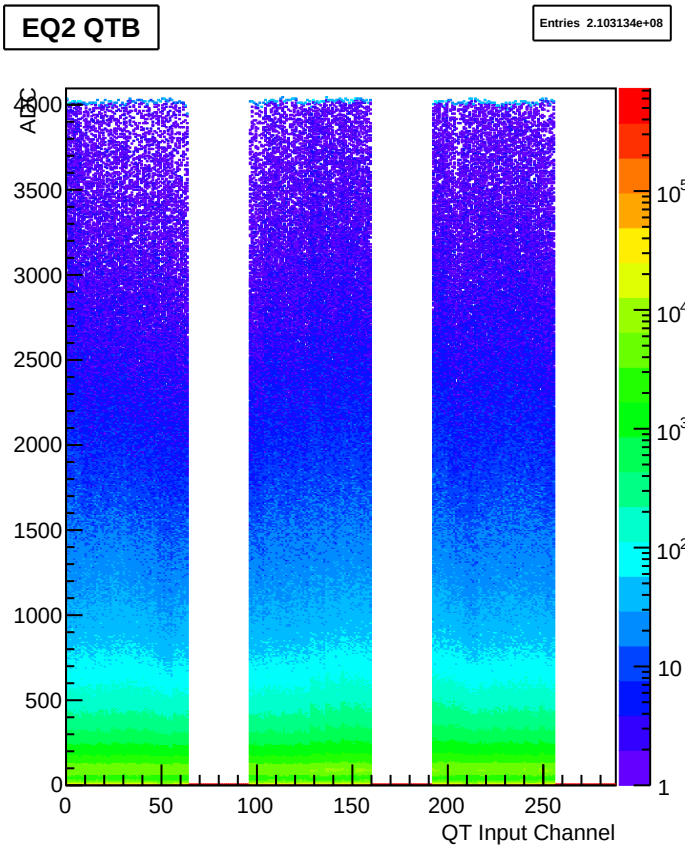

BBQ-VP002 West
Entries 1.168408e+07
TADC
QT Input Channel

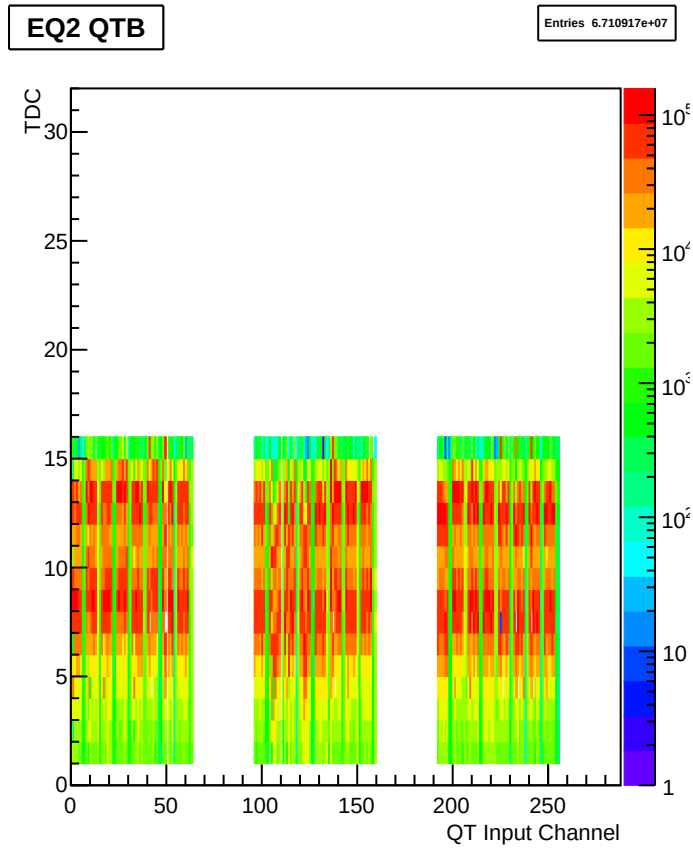

EQ1 QTB
Entries 2.103134e+08
ADC
QT Input Channel

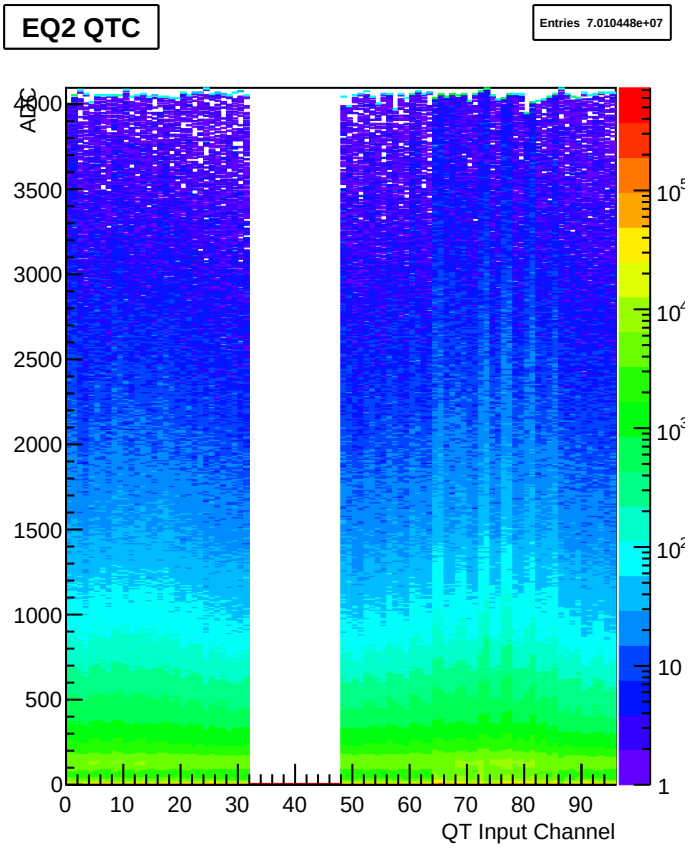

EQ1 QTB
Entries 6.844494e+07
TDC
QT Input Channel

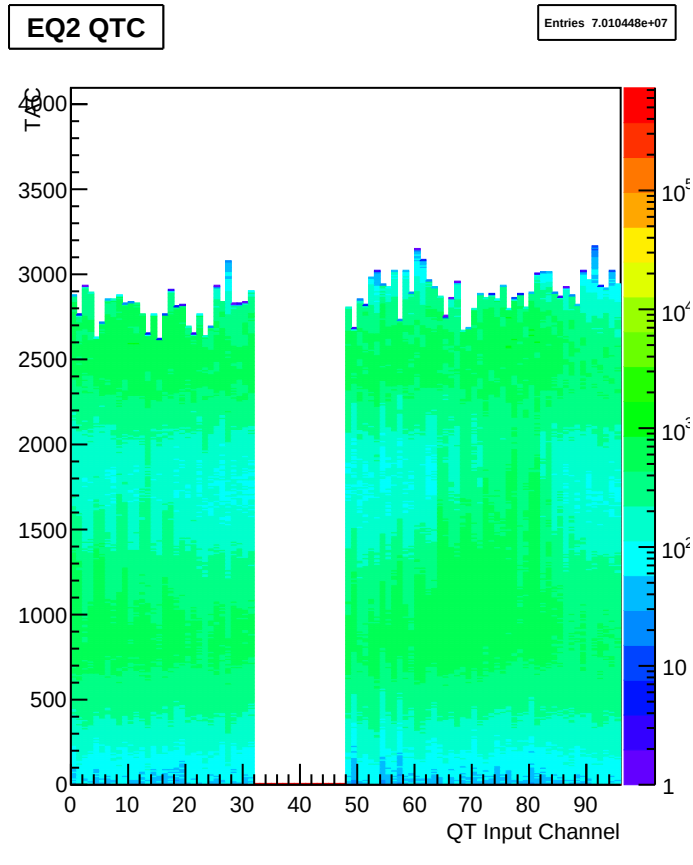

EQ1 QTC
Entries 7.010448e+07
ADC
QT Input Channel

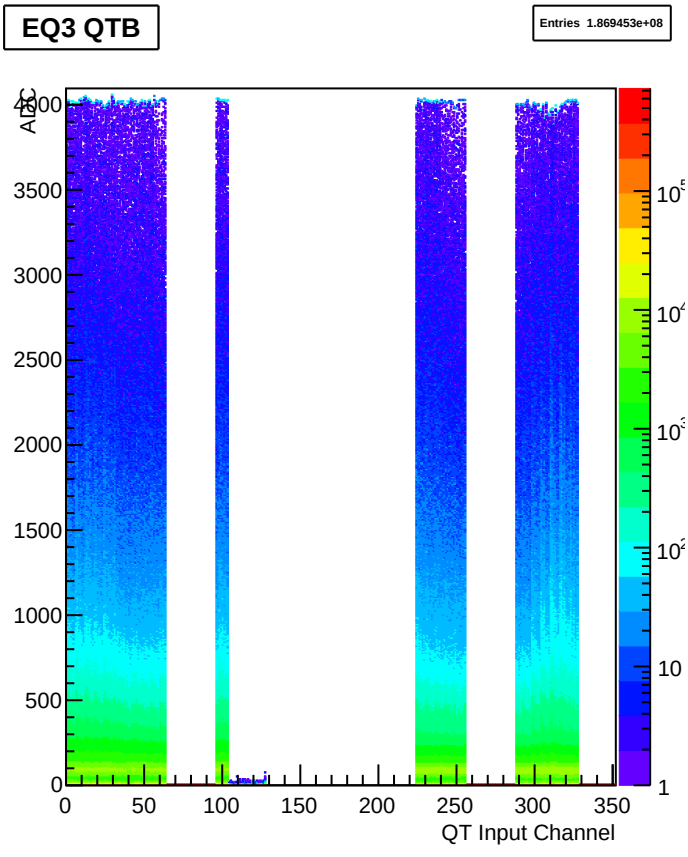

EQ1 QTC
Entries 7.010448e+07
TADC
QT Input Channel

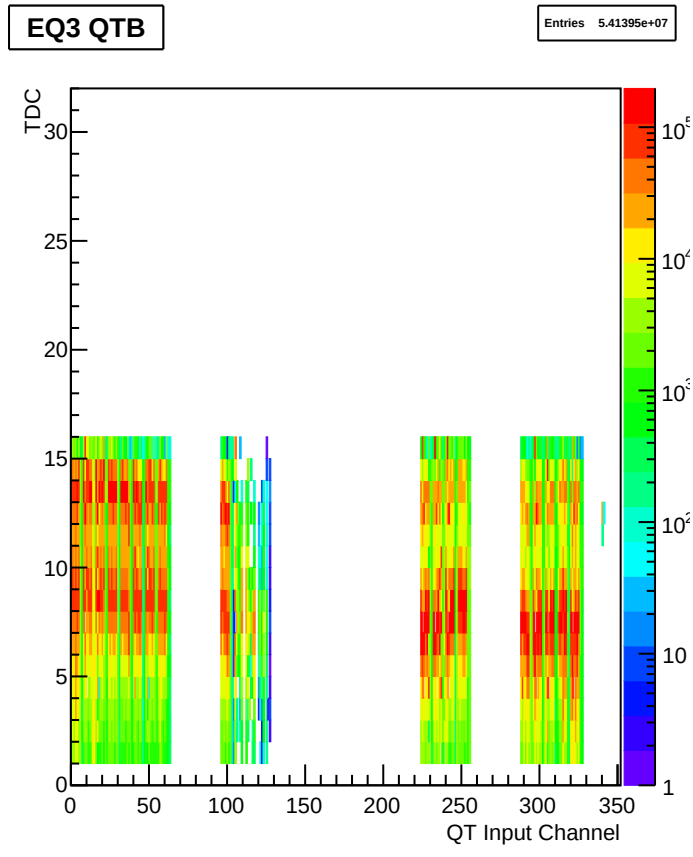

EQ2 QTB
Entries 2.103134e+08
ADC
QT Input Channel

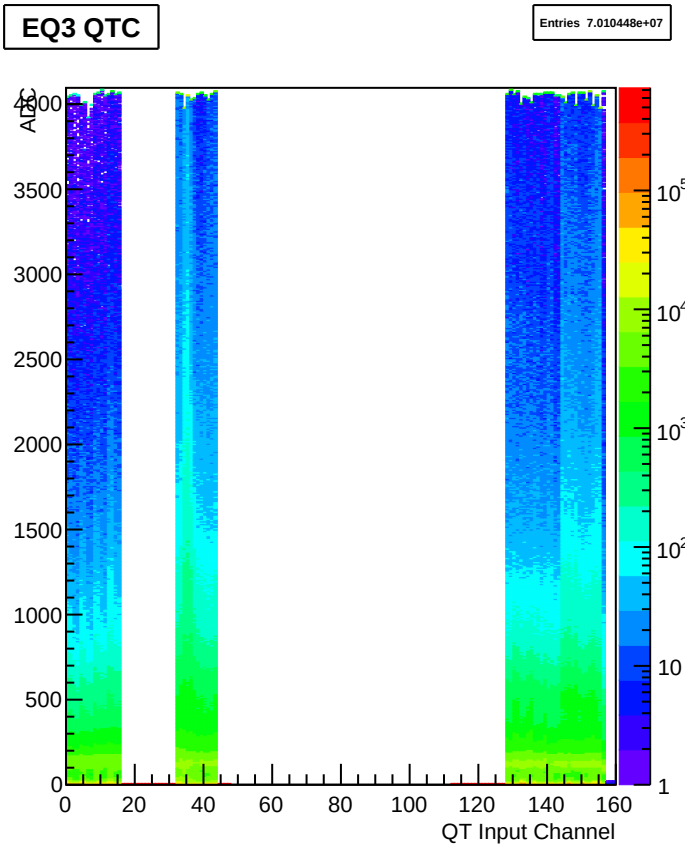

EQ2 QTB
Entries 6.710917e+07
TDC
QT Input Channel

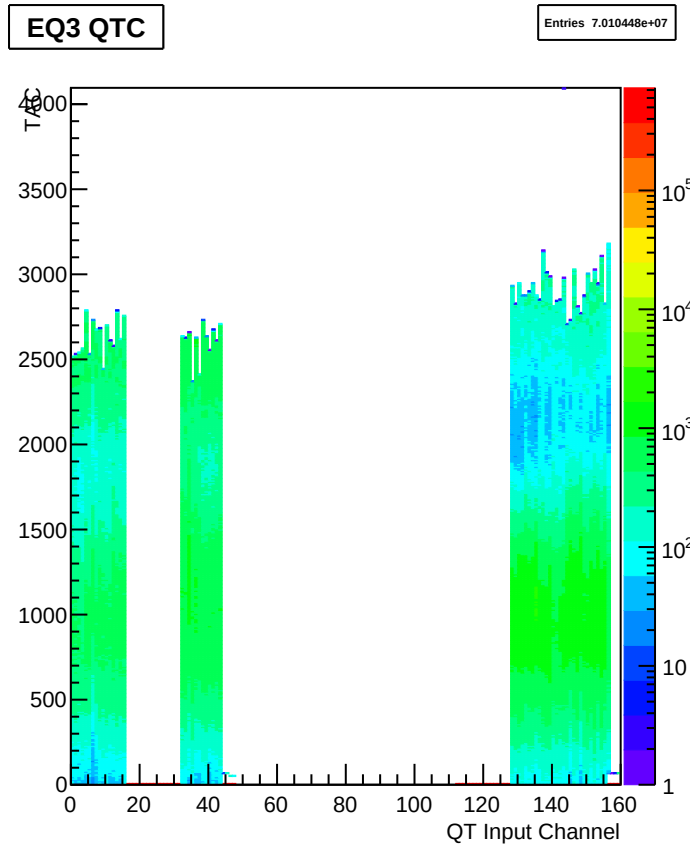

EQ2 QTC
Entries 7.010448e+07
ADC
QT Input Channel

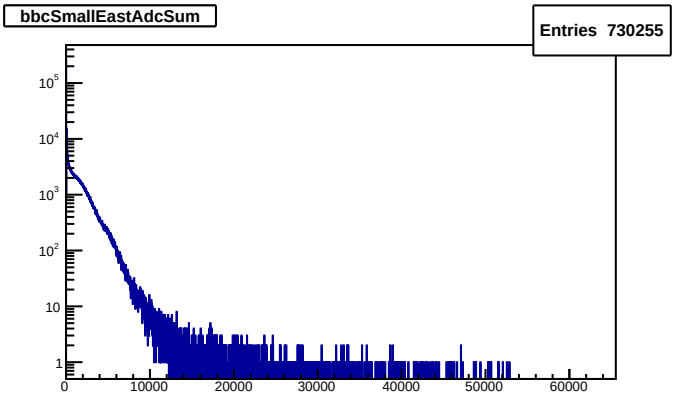

EQ2 QTC
Entries 7.010448e+07
TADC
QT Input Channel

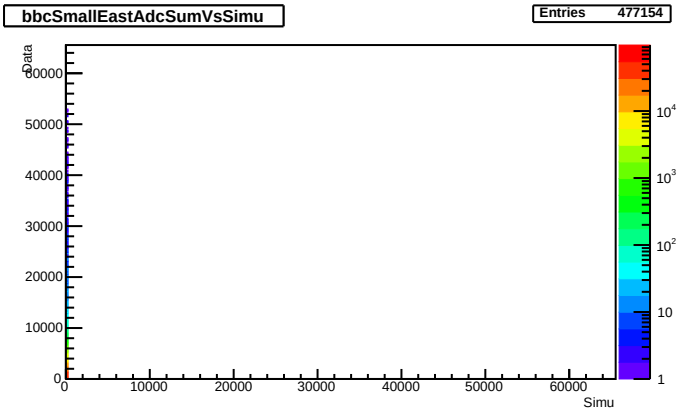

EQ3 QTB
Entries 1.869453e+08
ADC
QT Input Channel

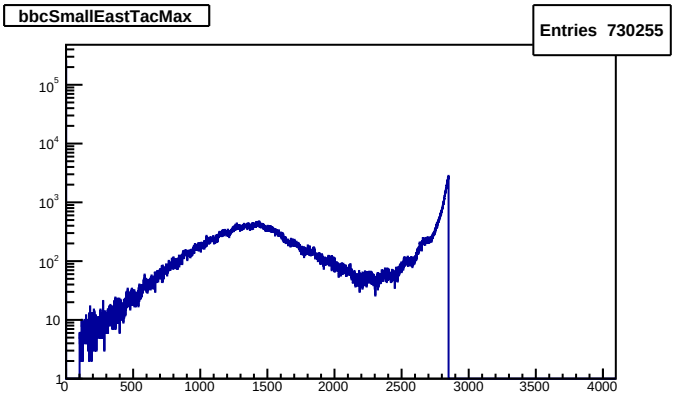

EQ3 QTB
Entries 5.41395e+07
TDC
QT Input Channel

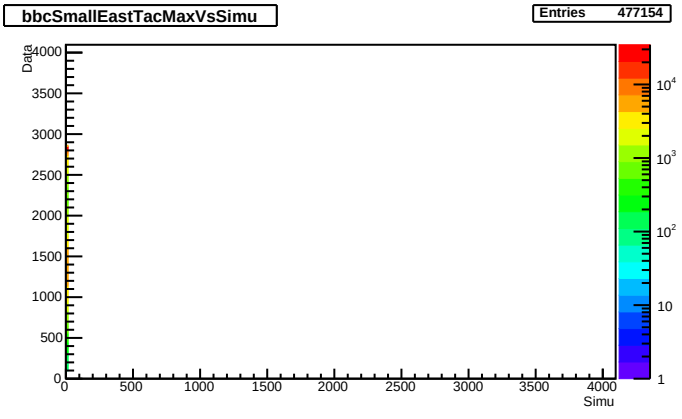

EQ3 QTC
Entries 7.010448e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.010448e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 730255


bbcSmallEastAdcSumVsSimu
Entries 477154
Data
Simu


bbcSmallEastTacMax
Entries 730255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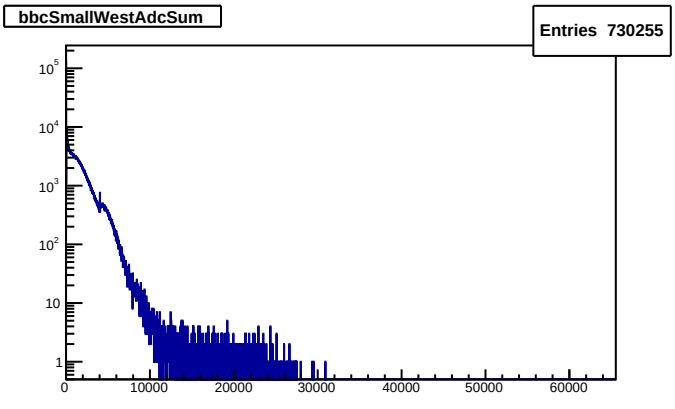
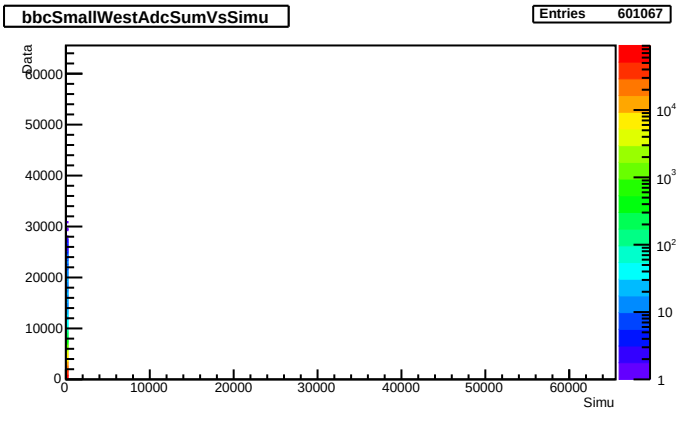
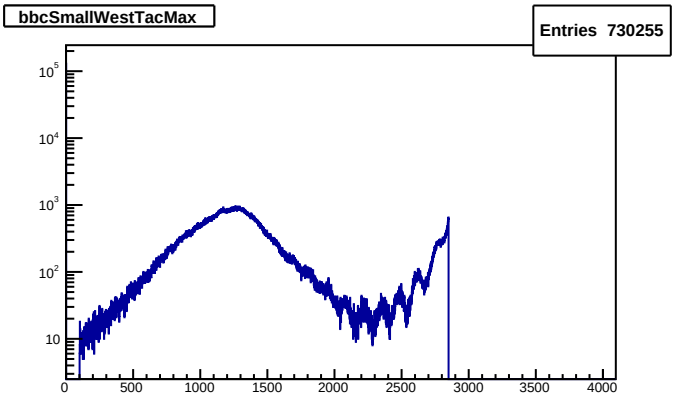
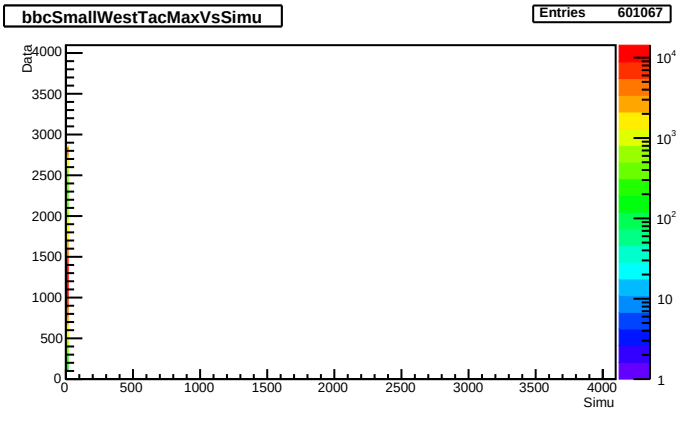
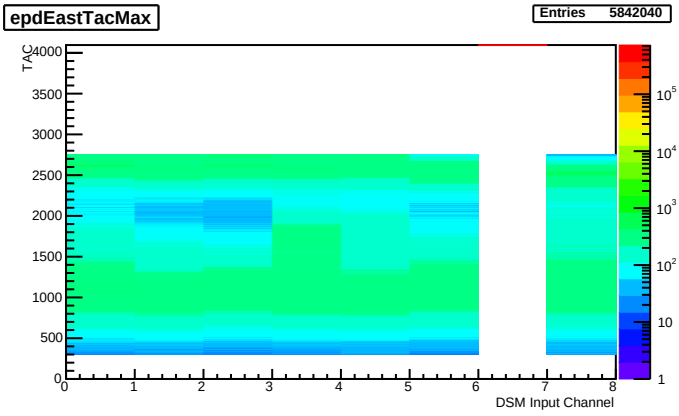
Entries 477154
Data
Simu

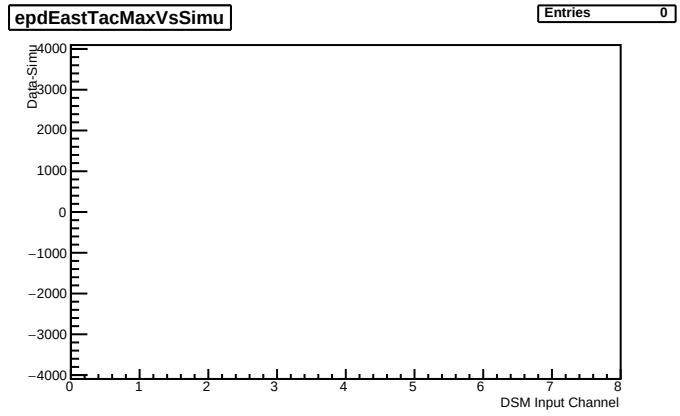

bbcSmallWestAdcSum
Entries 730255

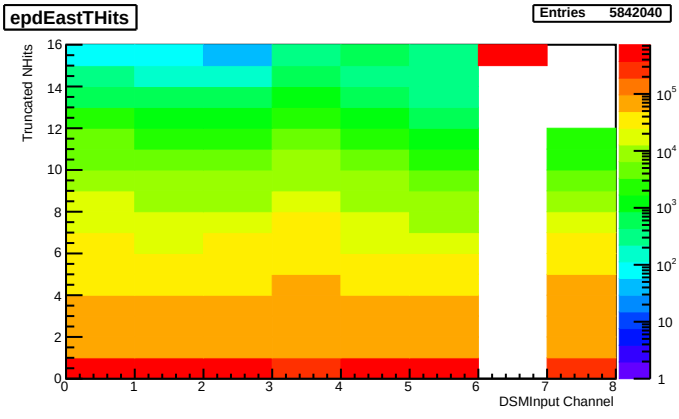

bbcSmallWestAdcSumVsSimu
Entries 601067
Data
Simu

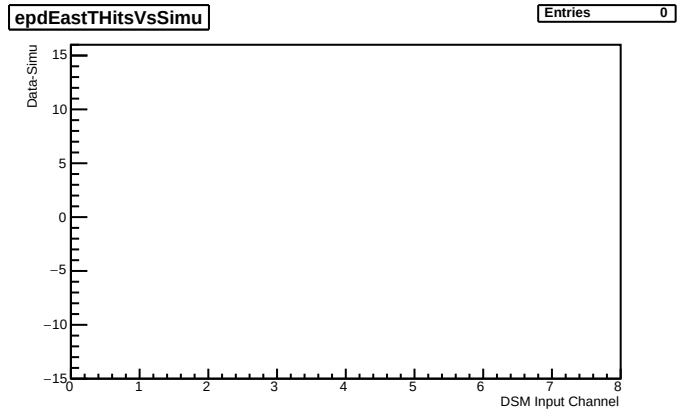

bbcSmallWestTacMax
Entries 730255


bbcSmallWestTacMaxVsSimu
Entries 601067
Data
Simu


epdEastTacMax
Entries 5842040
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5842040
Truncated NHits
DSMInput Channel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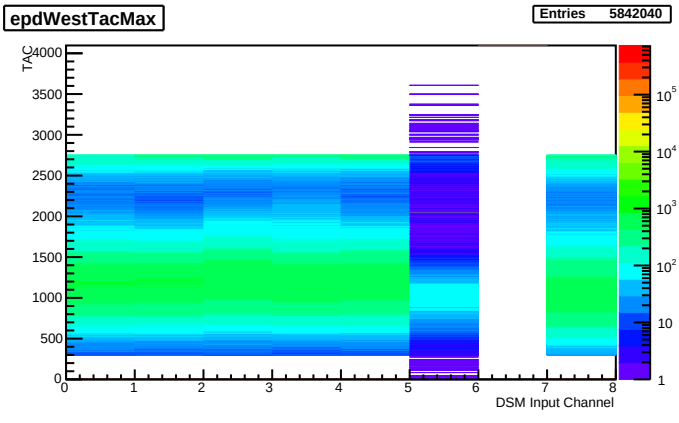
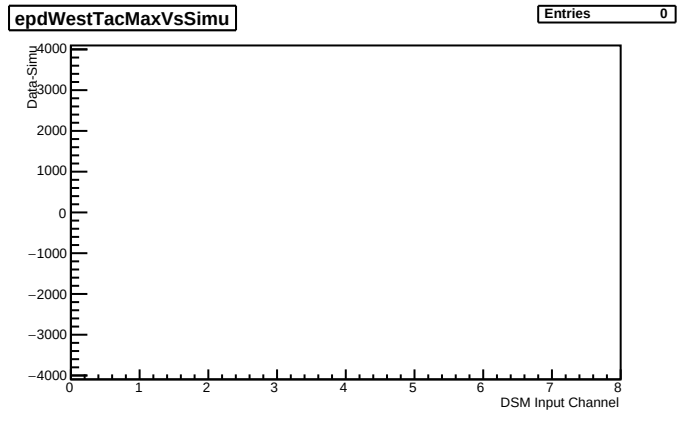
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 5842040
TAC
DSM Input Channel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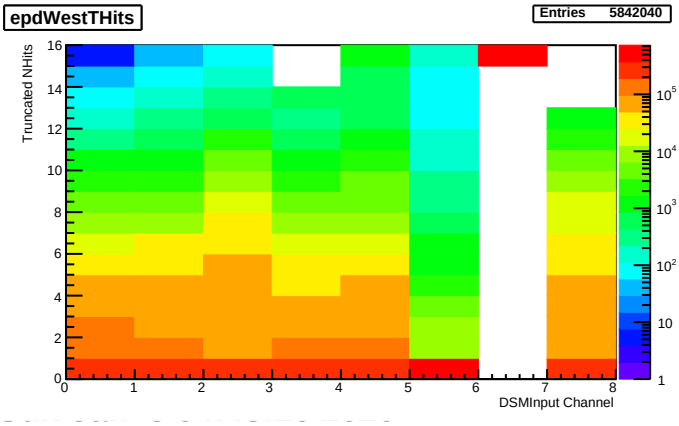
Entries 0
Data-Simu
DSM Input Channel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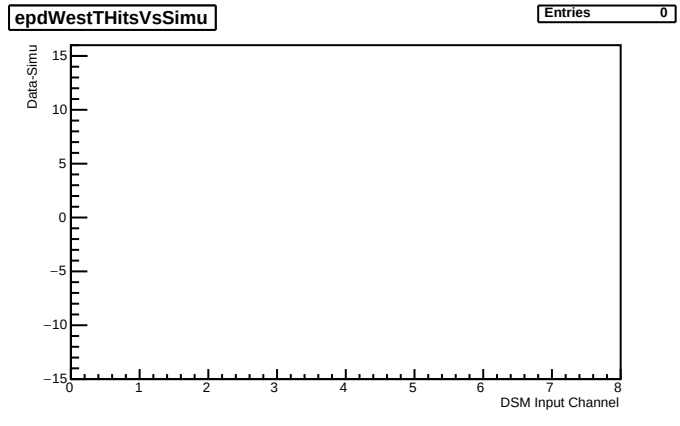
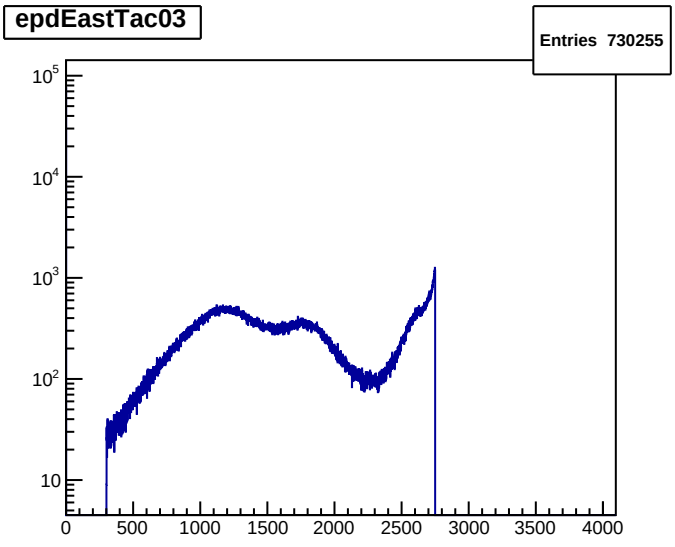
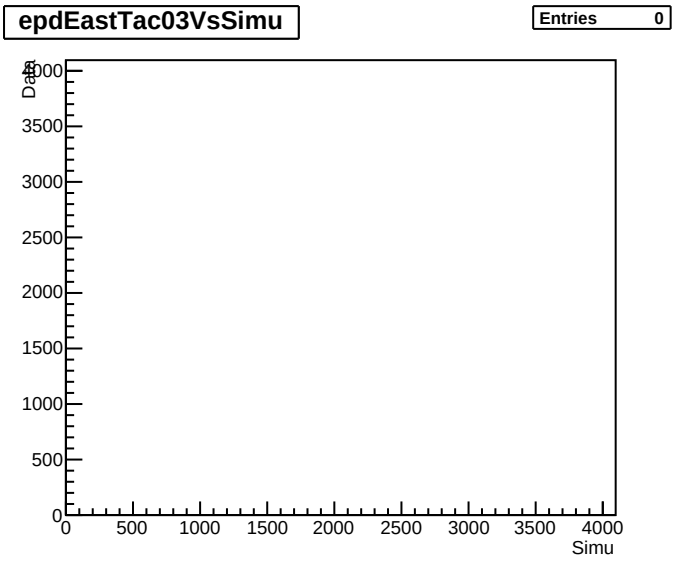
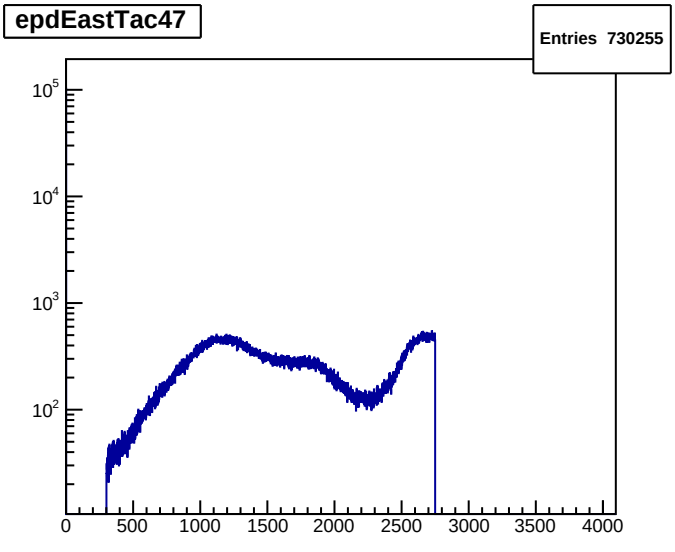
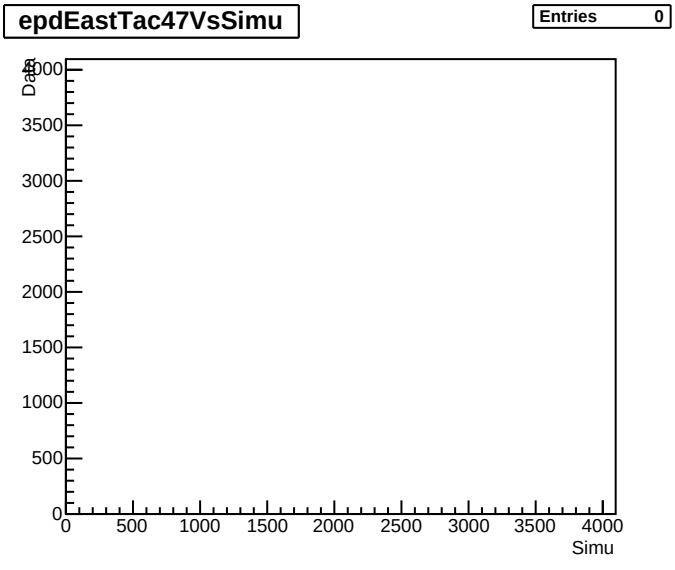
Entries 5842040
Truncated NHits
DSMInput Channel

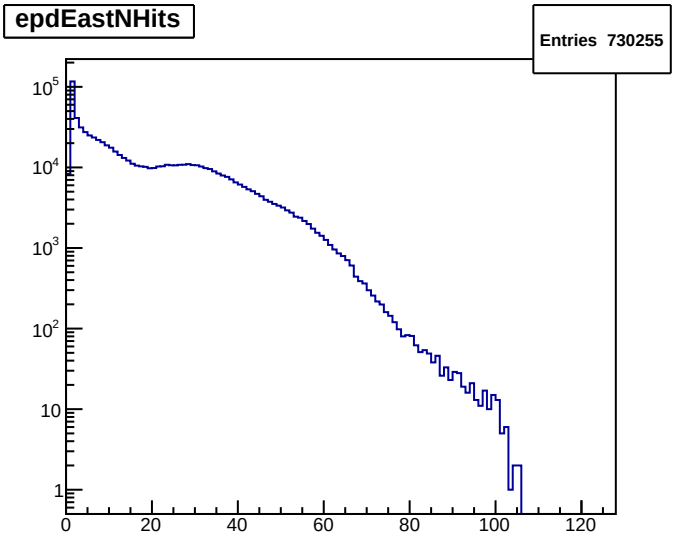

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

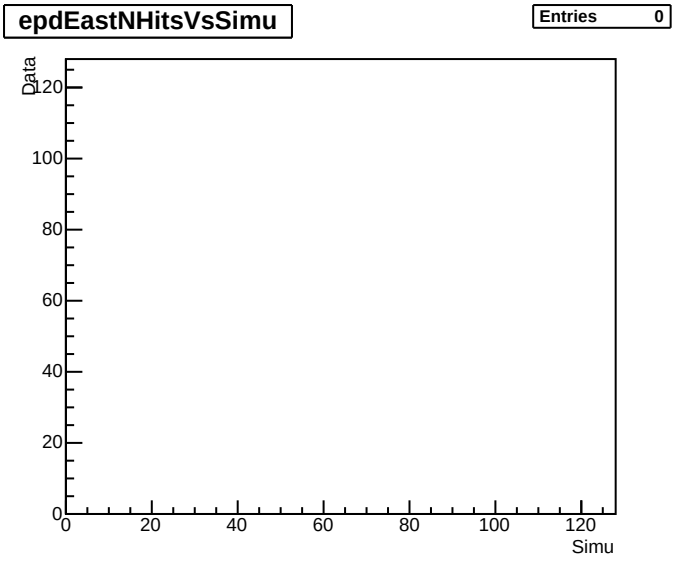

epdEastTac03
Entries 730255


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 730255


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 730255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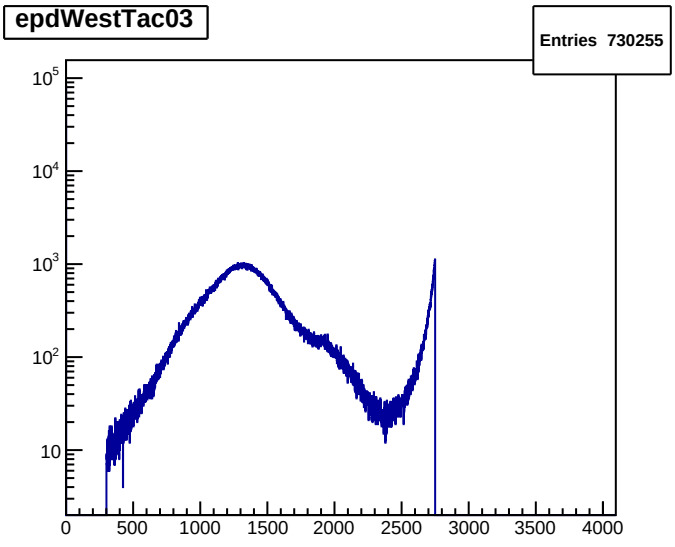
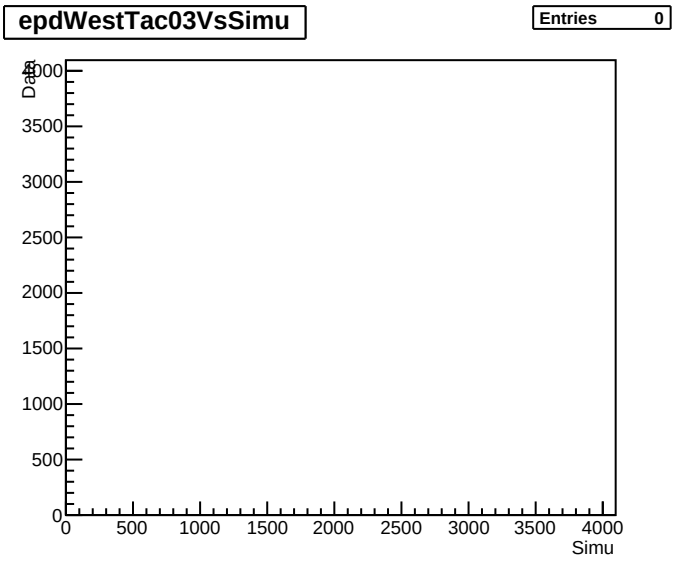
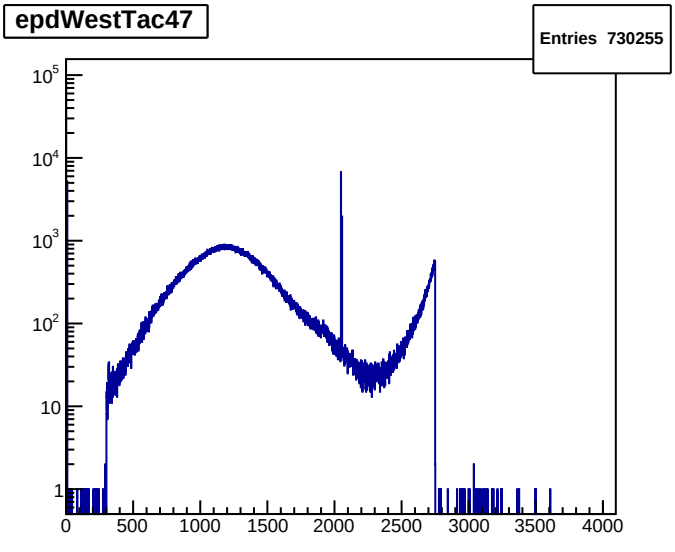
Entries 0
Data
Simu


epdWestTac03
Entries 730255


epdWestTac03VsSimu
Entries 0
Data
Simu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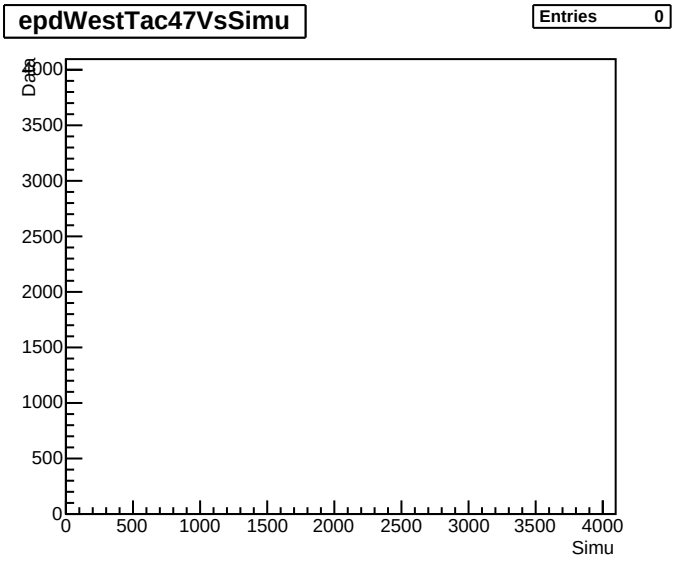
Entries 730255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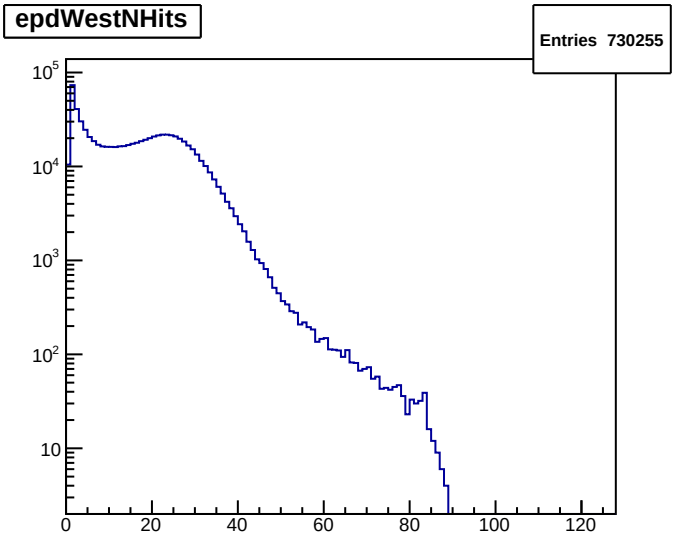
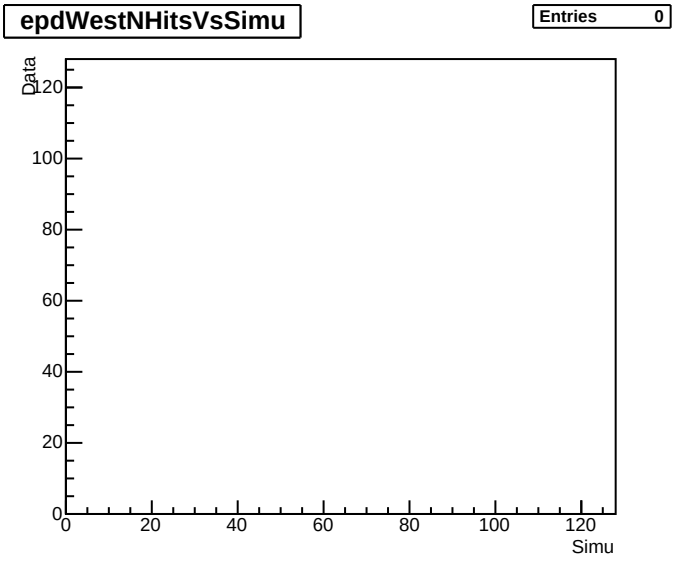
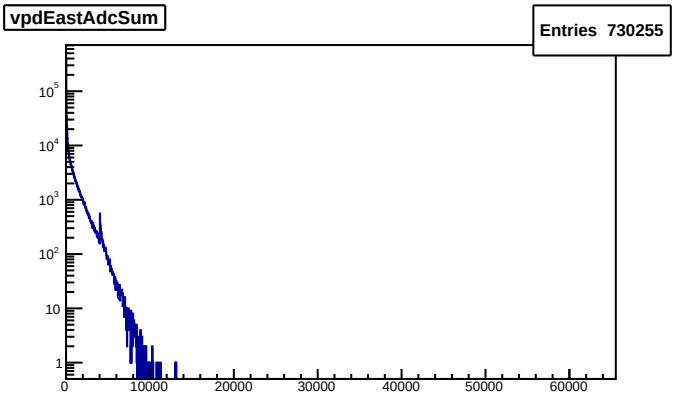
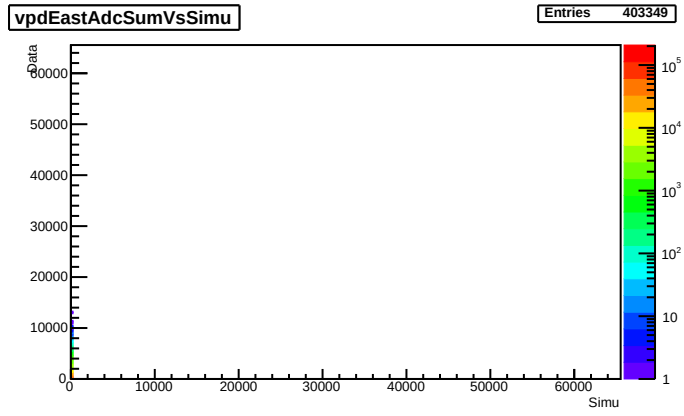
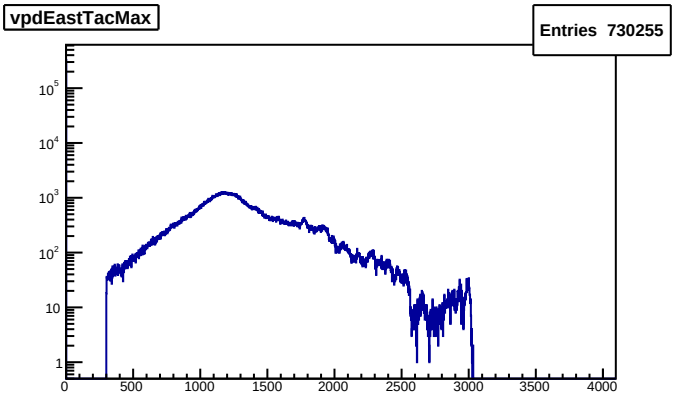
Entries 0
Data
Simu

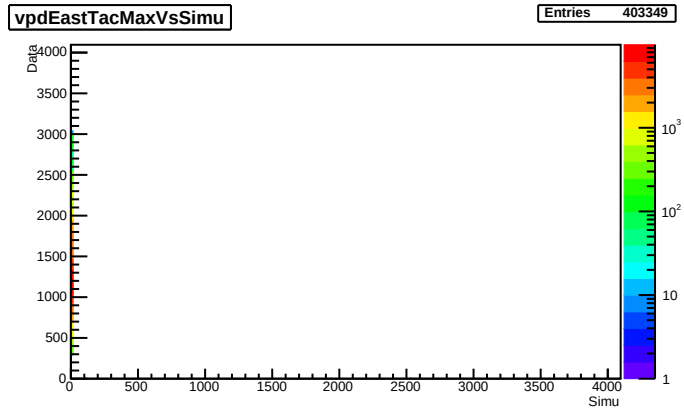

epdWestNHits
Entries 730255

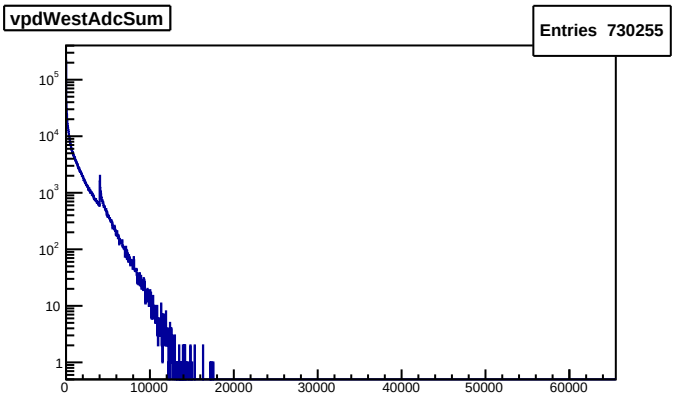

epdWestNHitsVsSimu
Entries 0
Data
Simu

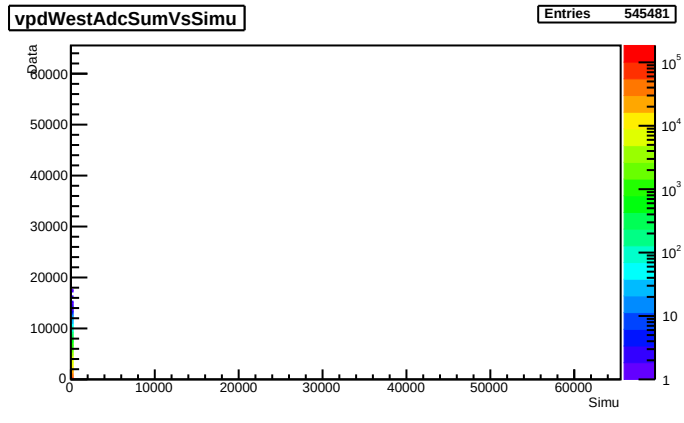

vpdEastAdcSum
Entries 730255

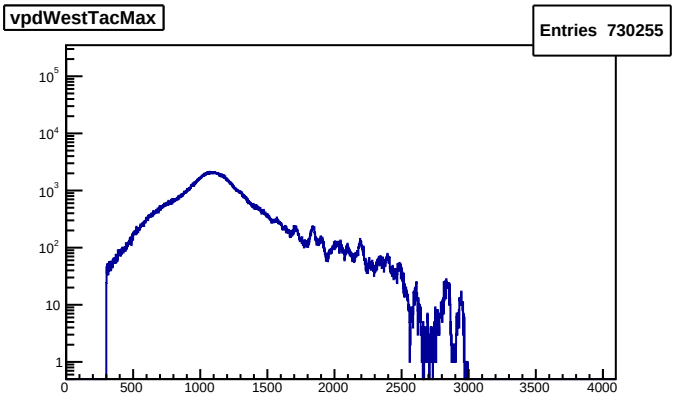

vpdEastAdcSumVsSimu
Entries 403349
Data
Simu

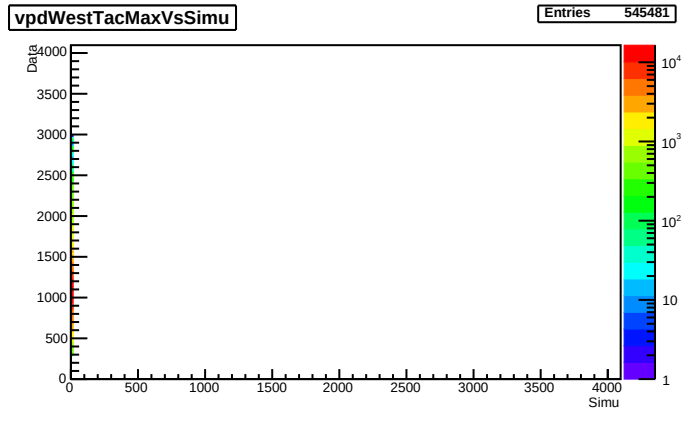

vpdEastTacMax
Entries 730255

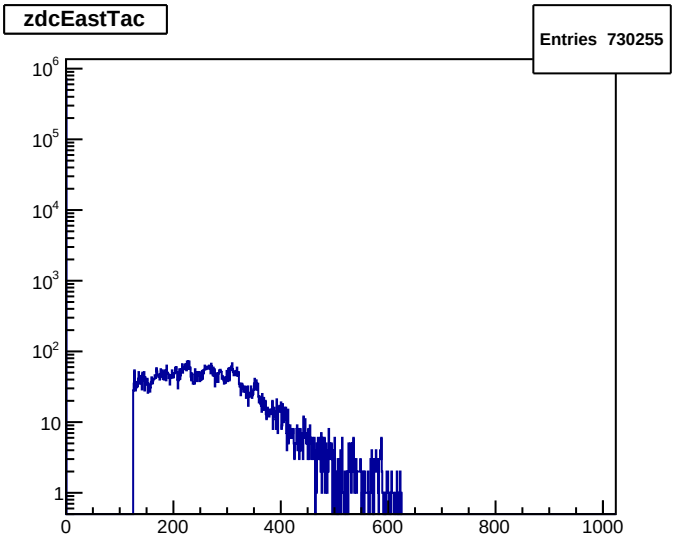

vpdEastTacMaxVsSimu
Entries 403349
Data
Simu

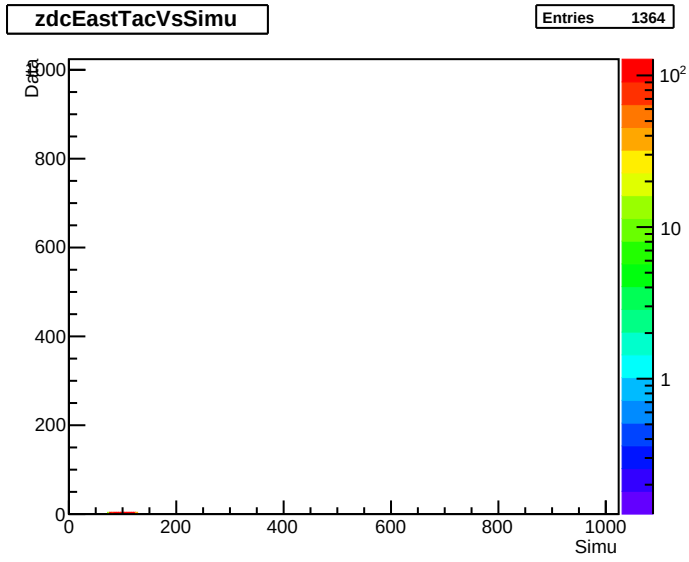

vpdWestAdcSum
Entries 730255

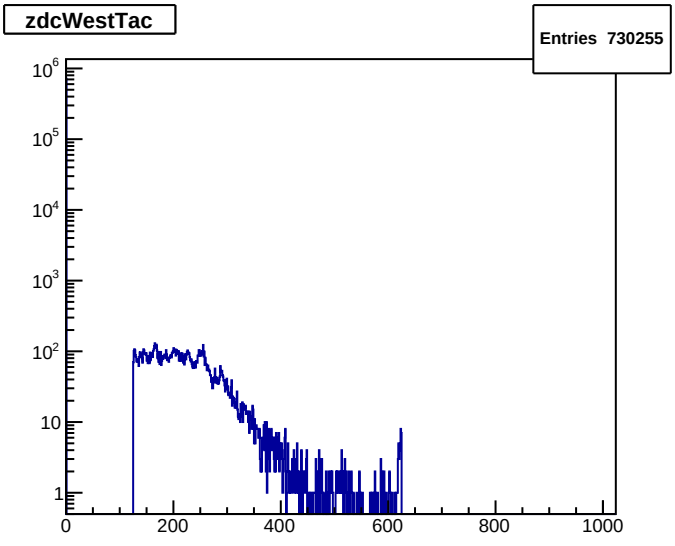

vpdWestAdcSumVsSimu
Entries 545481
Data
Simu

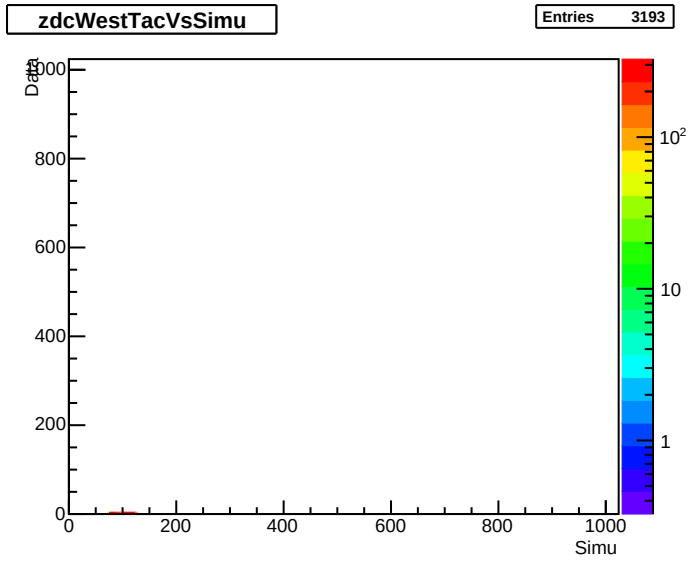

vpdWestTacMax
Entries 730255

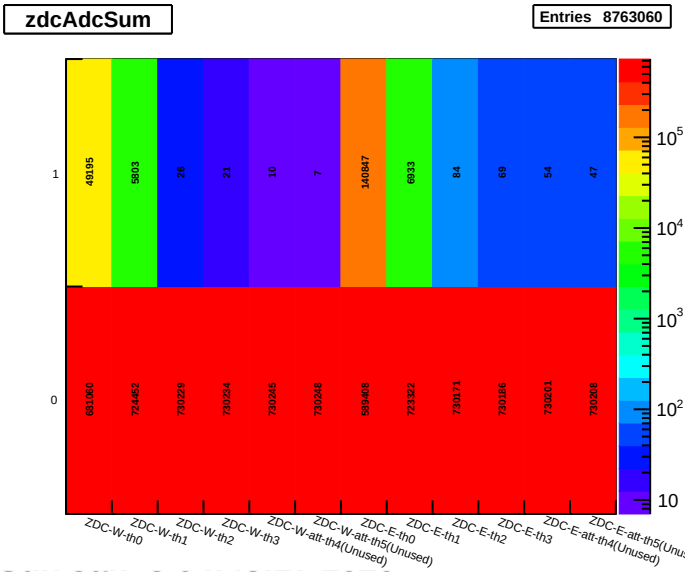

vpdWestTacMaxVsSimu
Entries 545481
Data
Simu

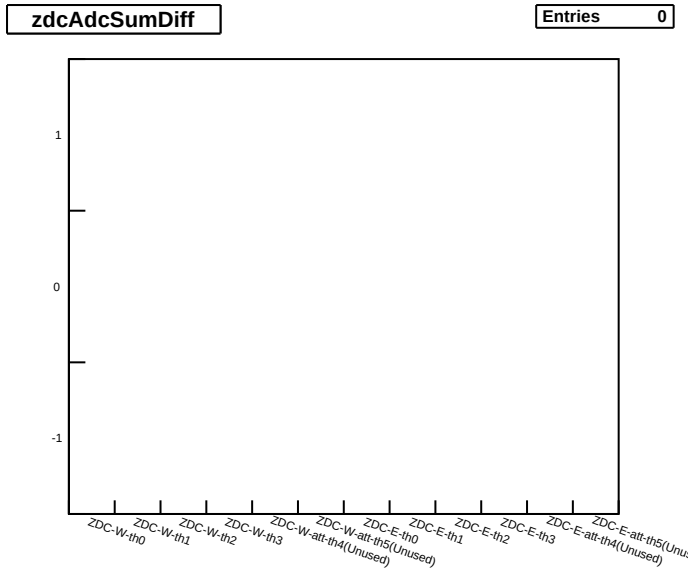

zdcEastTac
Entries 730255

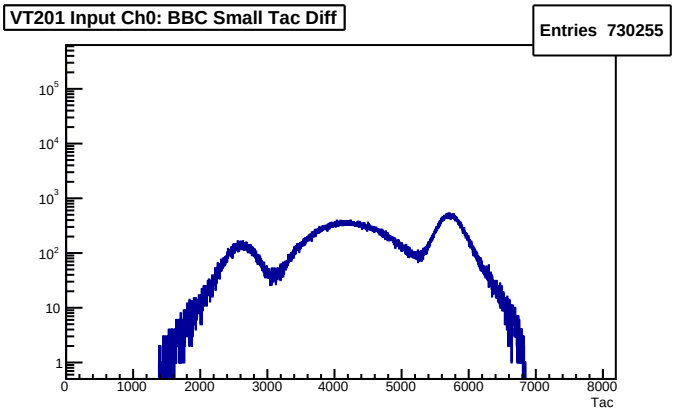

zdcEastTacVsSimu
Entries 1364
Data
Simu

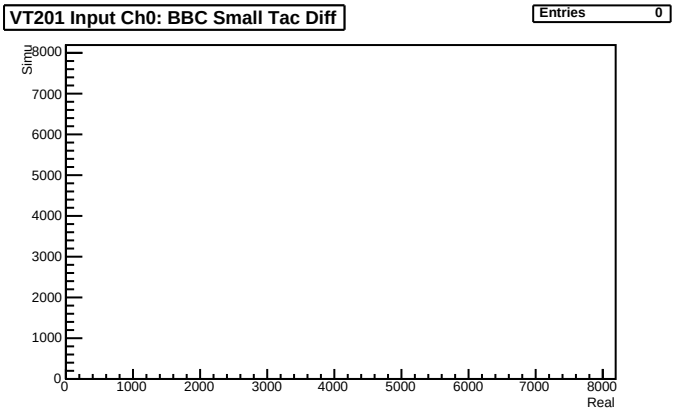

zdcWestTac
Entries 730255

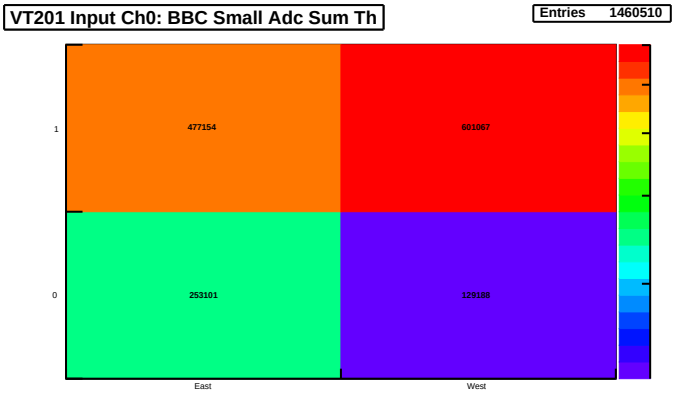

zdcWestTacVsSimu
Entries 3193
Data
Simu

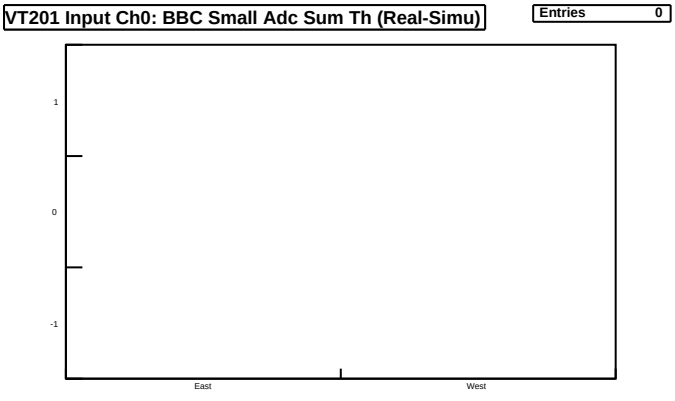

zdcAdcSum
Entries 8763060
49195
5603
26
21
10
7
140847
6933
84
69
54
47
681060
724452
730229
730234
730245
730248
589408
723322
730171
730186
730201
730208
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

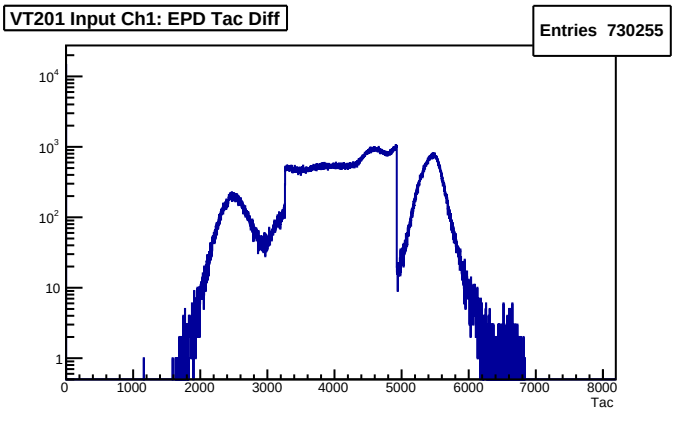

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

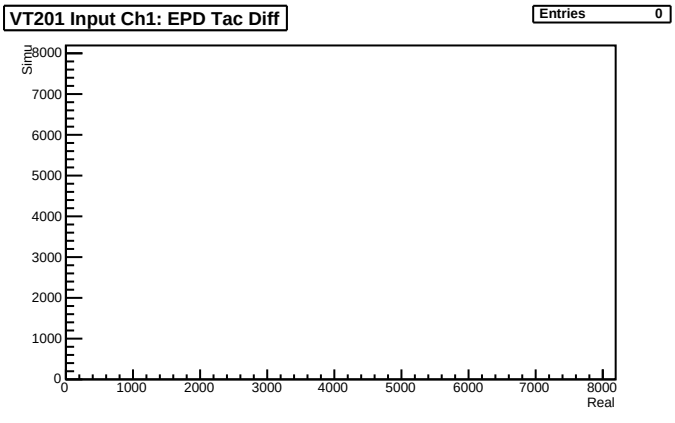

VT201 Input Ch0: BBC Small Tac Diff
Entries 730255
Tac

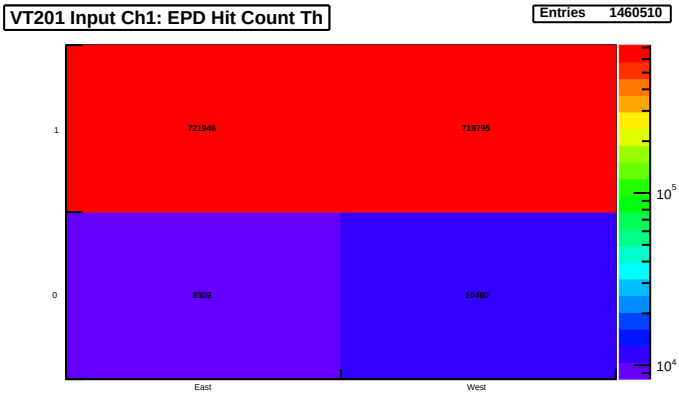

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

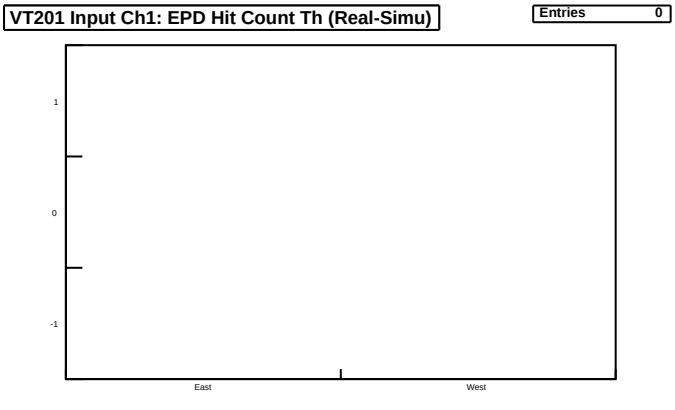

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1460510
477154
601067
253101
129188
East
West

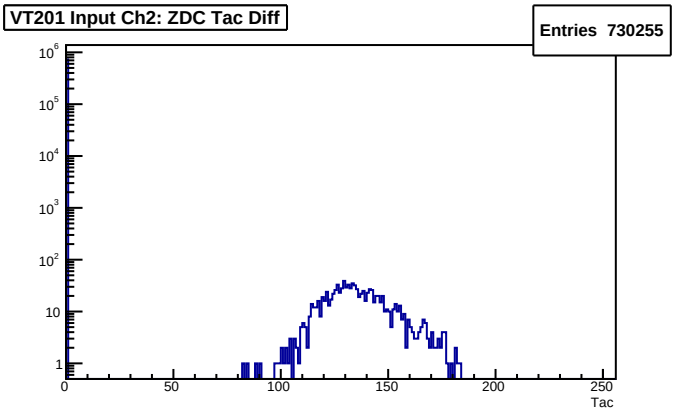

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

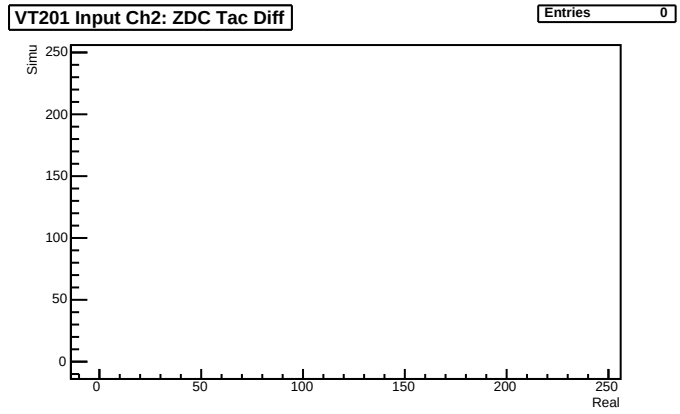

VT201 Input Ch1: EPD Tac Diff
Entries 730255
Tac

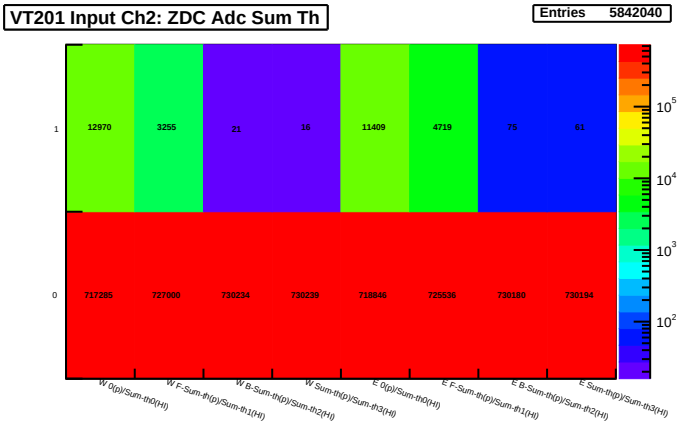

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

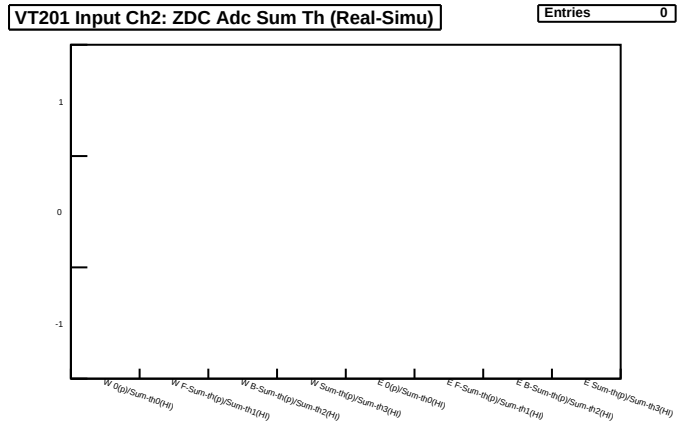

VT201 Input Ch1: EPD Hit Count Th
Entries 1460510
721946
719795
8309
10460
East
West

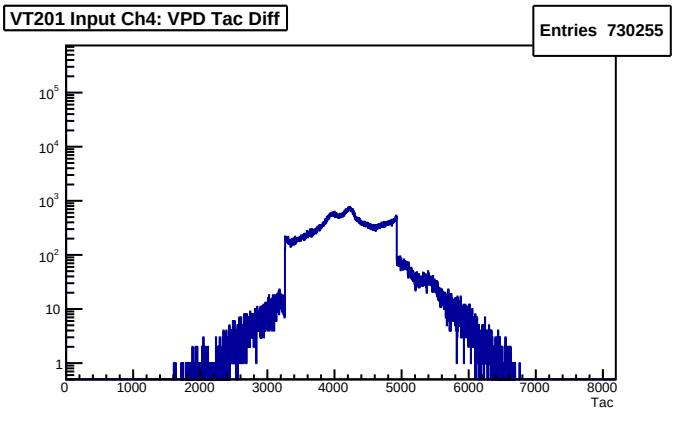

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

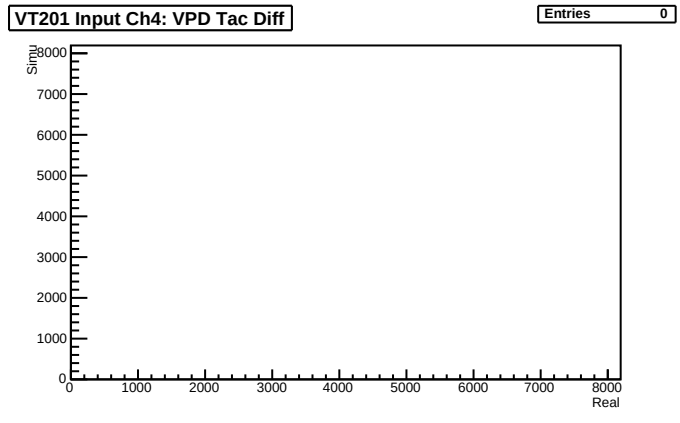

VT201 Input Ch2: ZDC Tac Diff
Entries 730255
Tac

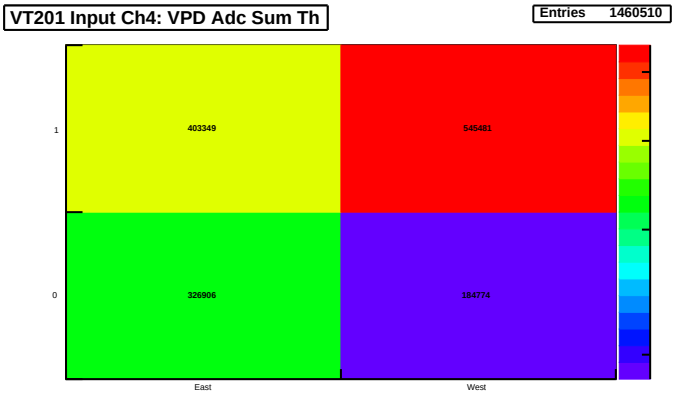

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

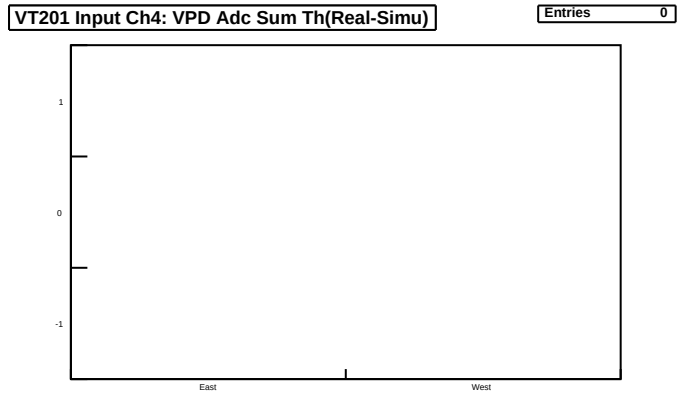

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5842040
12970
3255
21
16
11409
4719
75
61
717285
727000
730234
730239
718846
725536
730180
730194
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

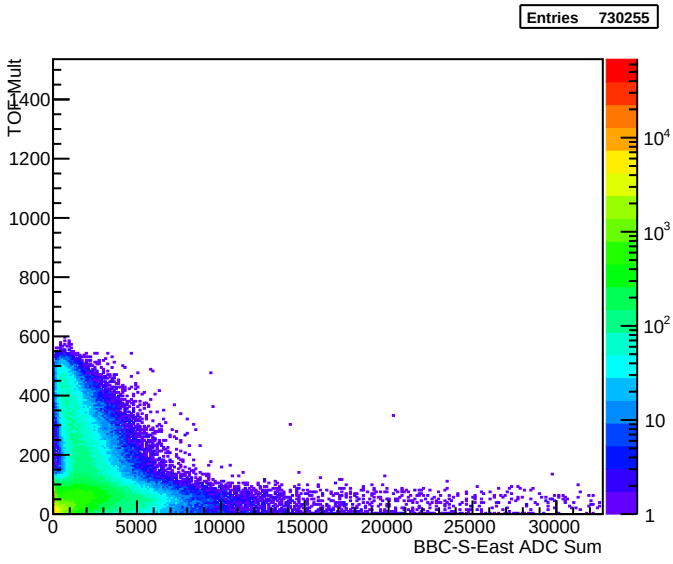

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

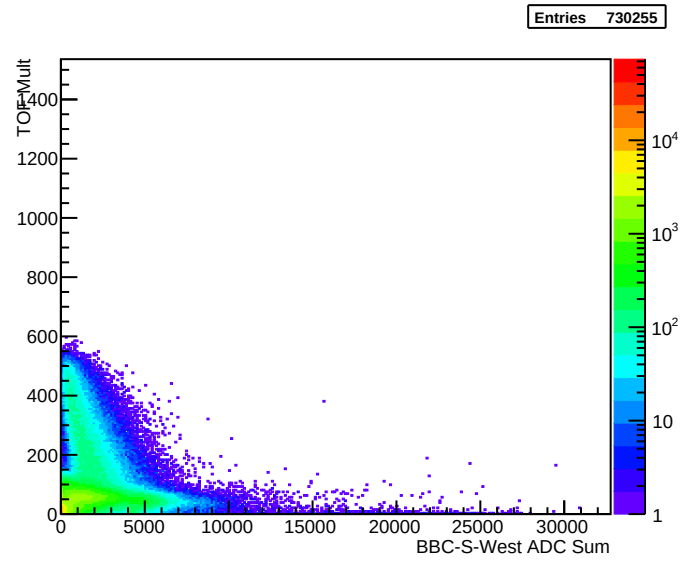

VT201 Input Ch4: VPD Tac Diff
Entries 730255
Tac

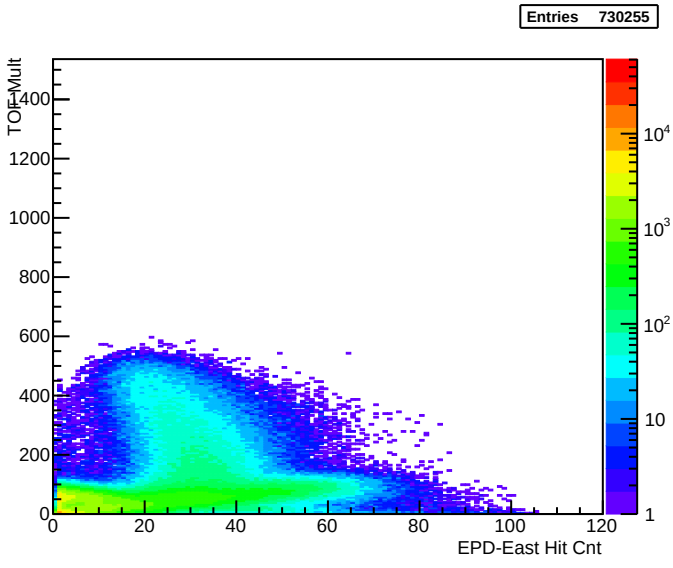

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

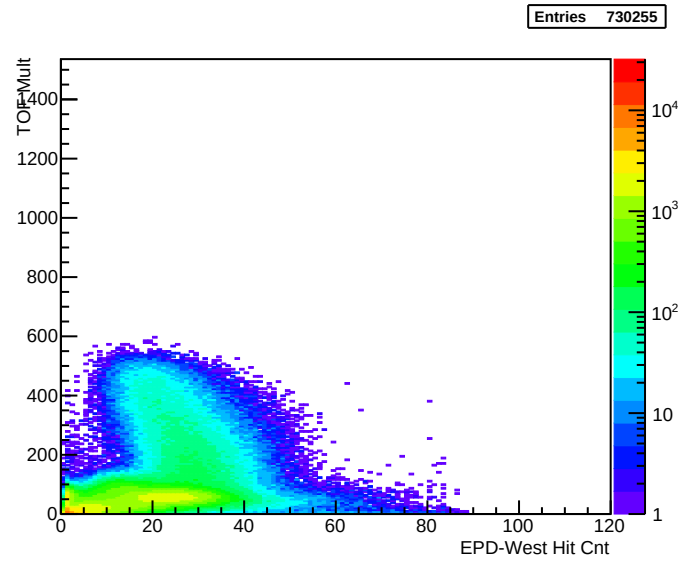

VT201 Input Ch4: VPD Adc Sum Th
Entries 1460510
403349
545481
326906
184774
East
West

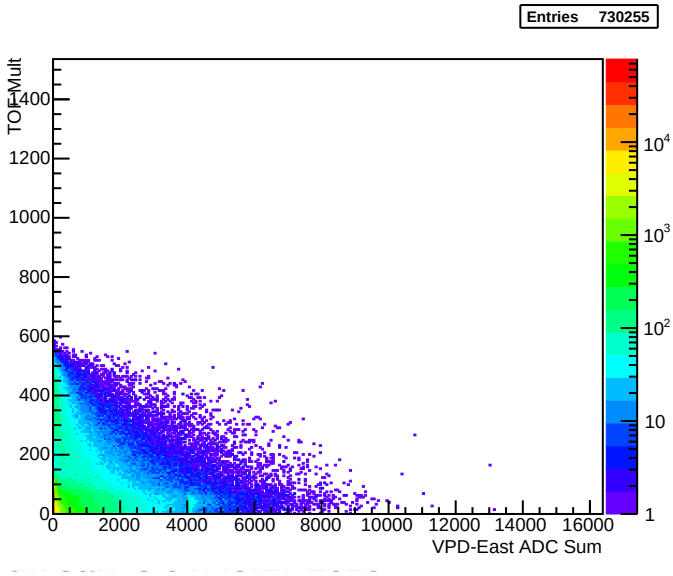

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

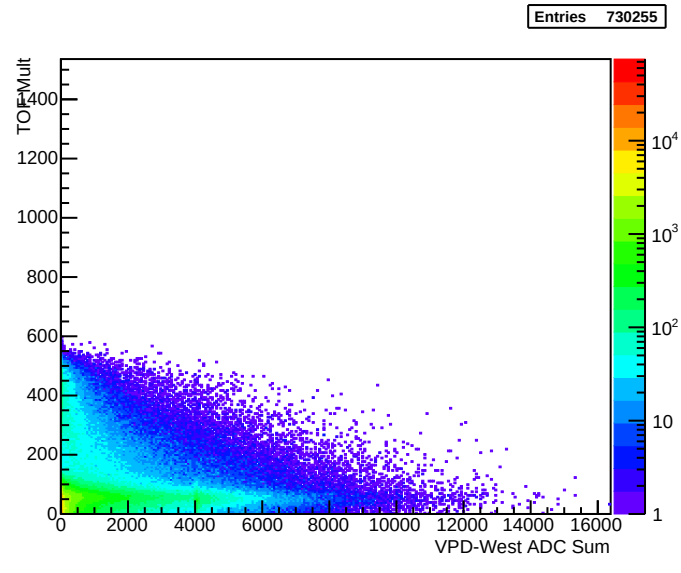

Entries 730255
TOF-Mult
BBC-S-East ADC Sum

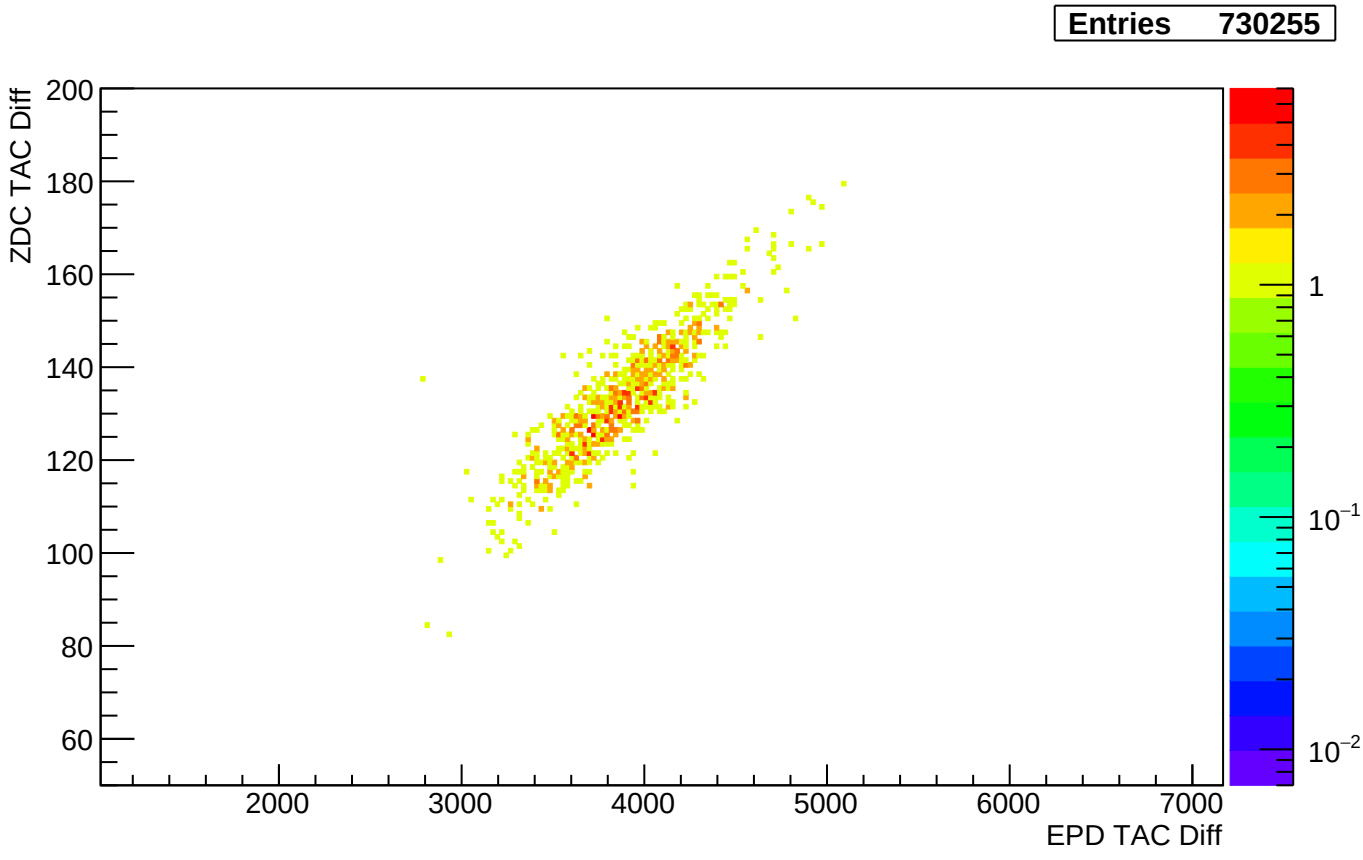

Entries 730255
TOF-Mult
BBC-S-West ADC Sum

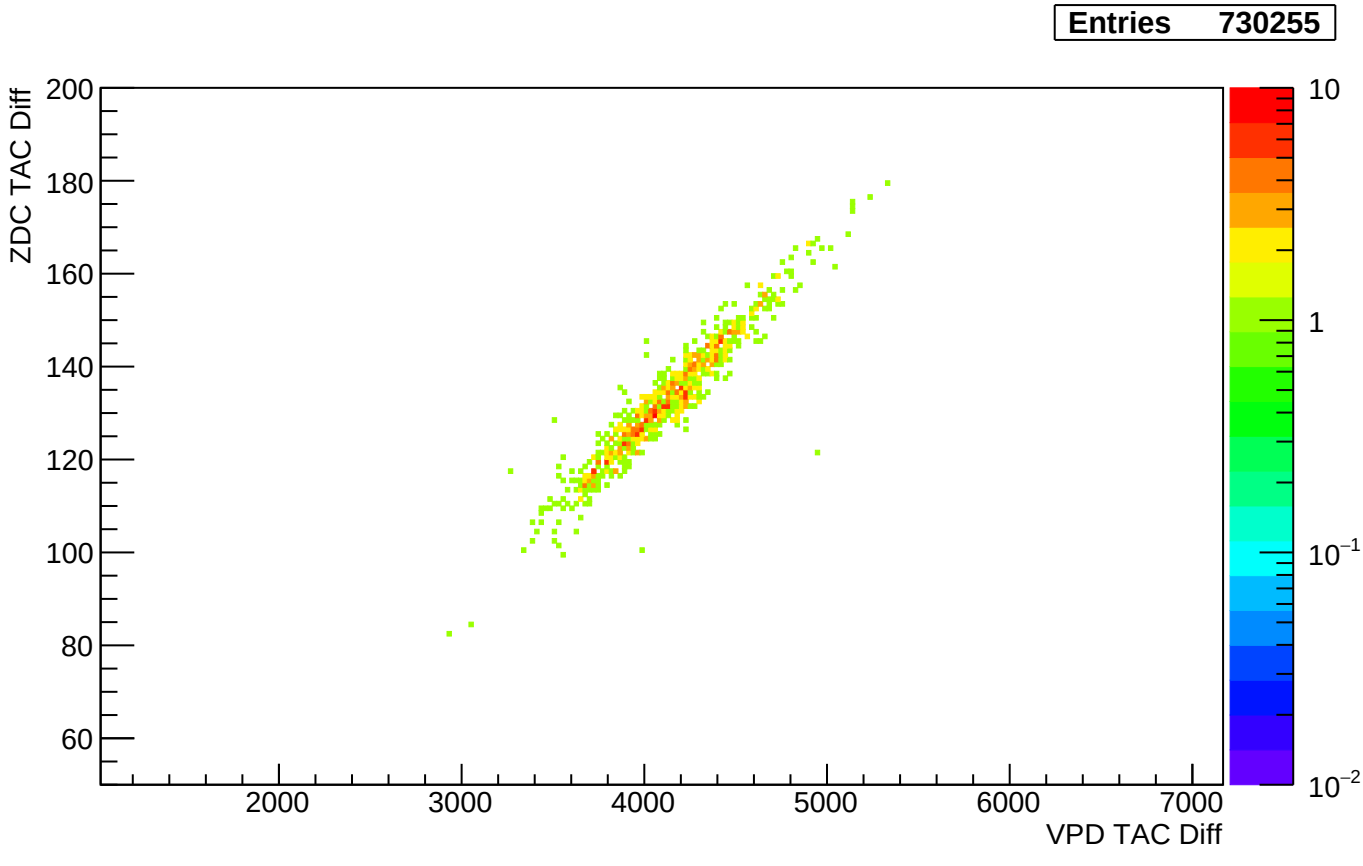

Entries 730255
TOF-Mult
EPD-East Hit Cnt

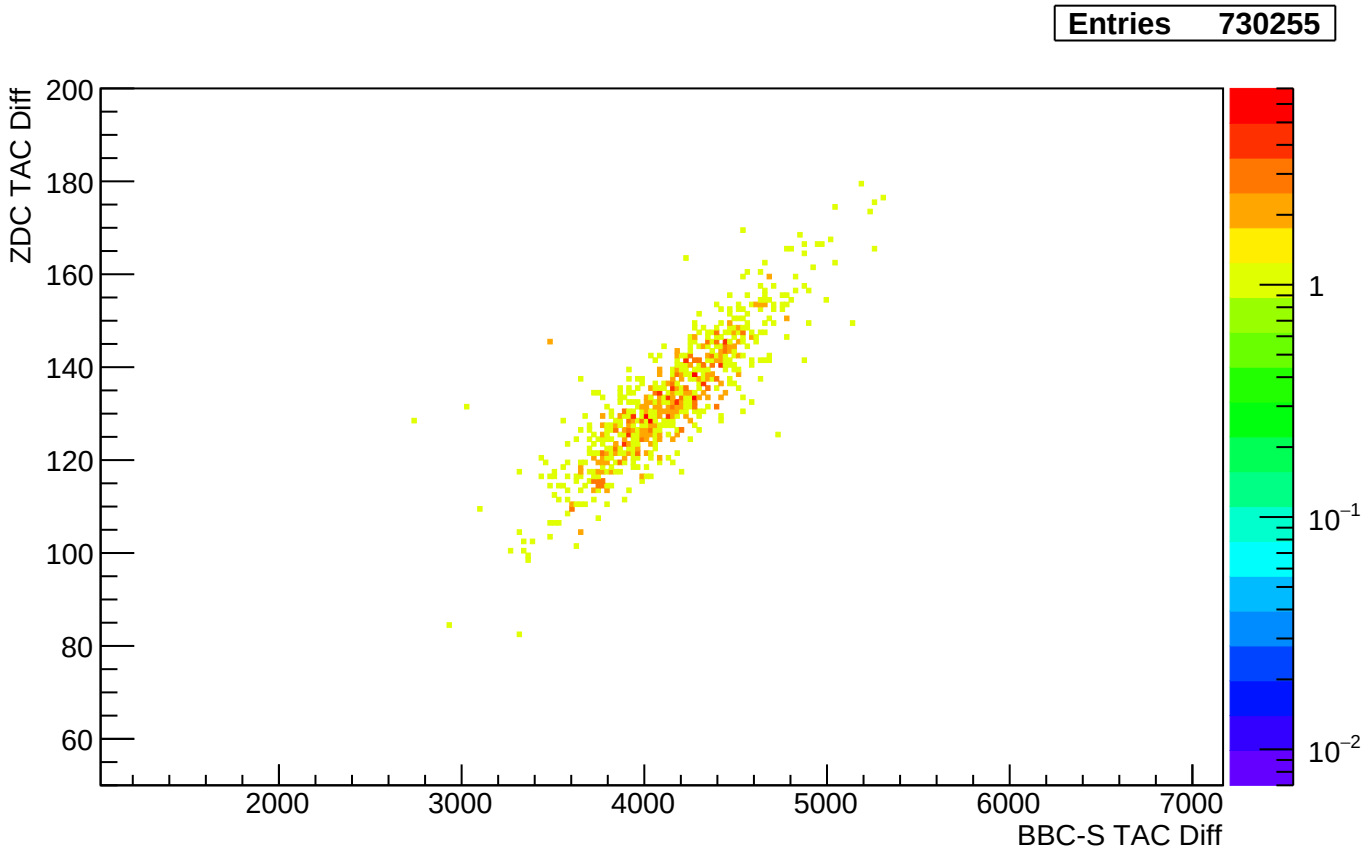

Entries 730255
TOF-Mult
EPD-West Hit Cnt

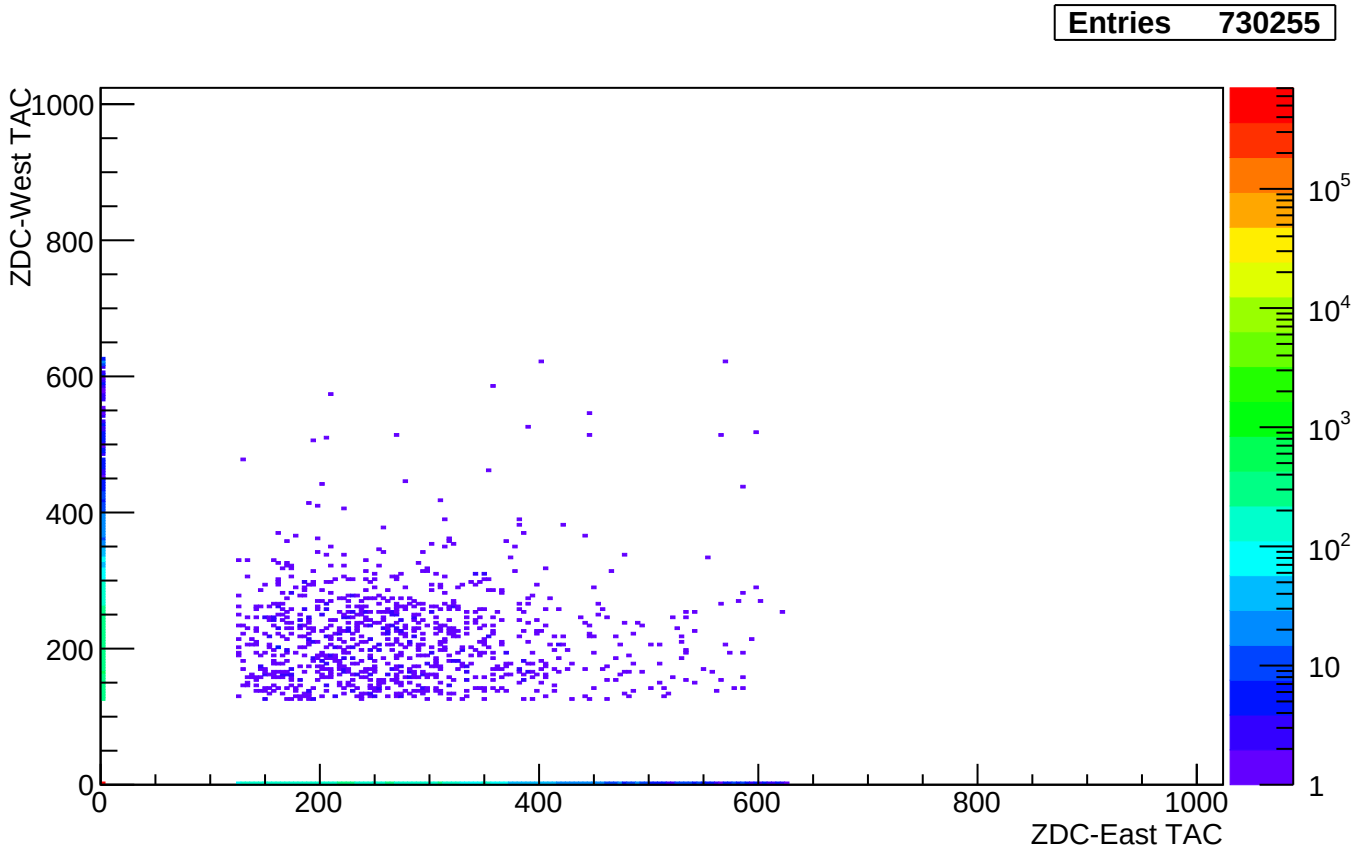

Entries 730255
TOF-Mult
VPD-East ADC Sum

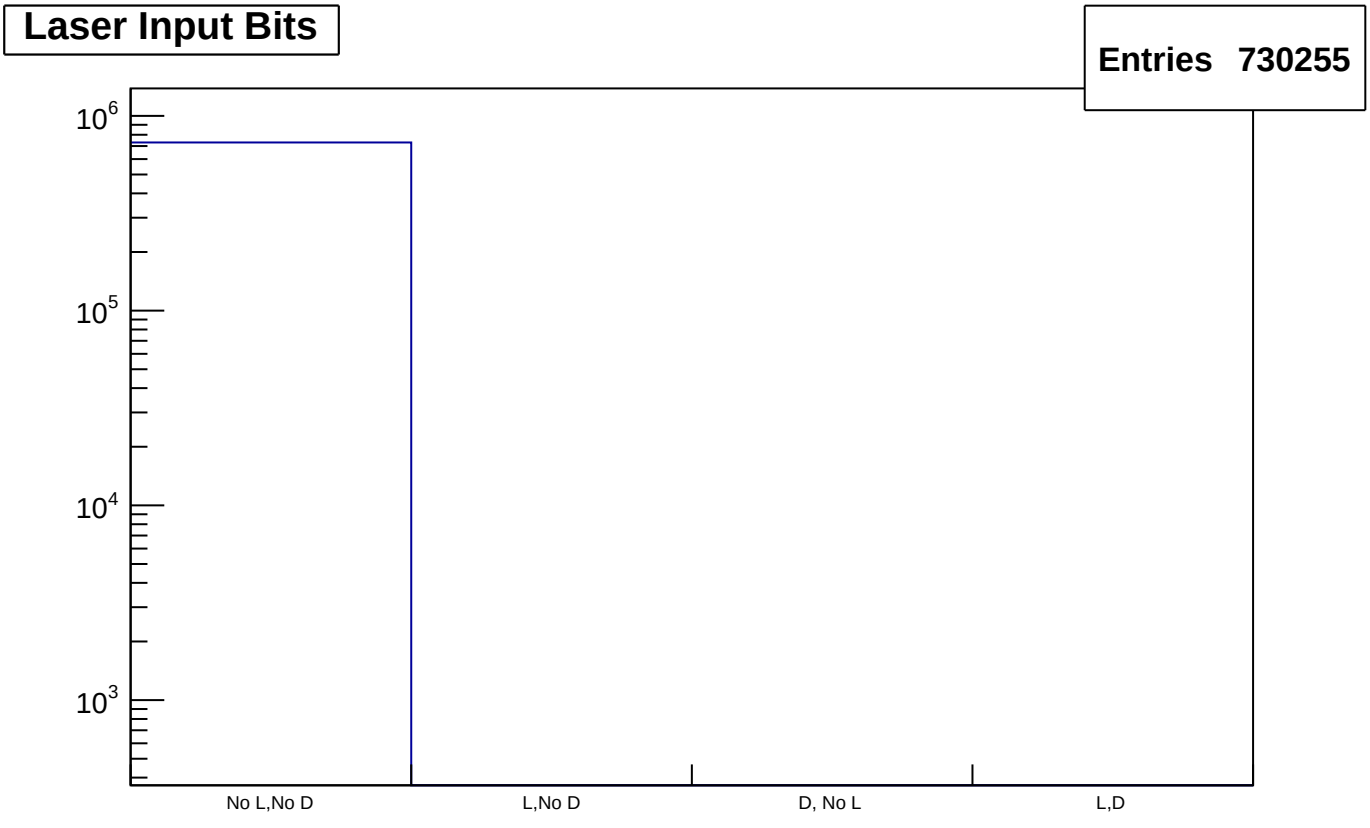

Entries 730255
TOF-Mult
VPD-West ADC Sum

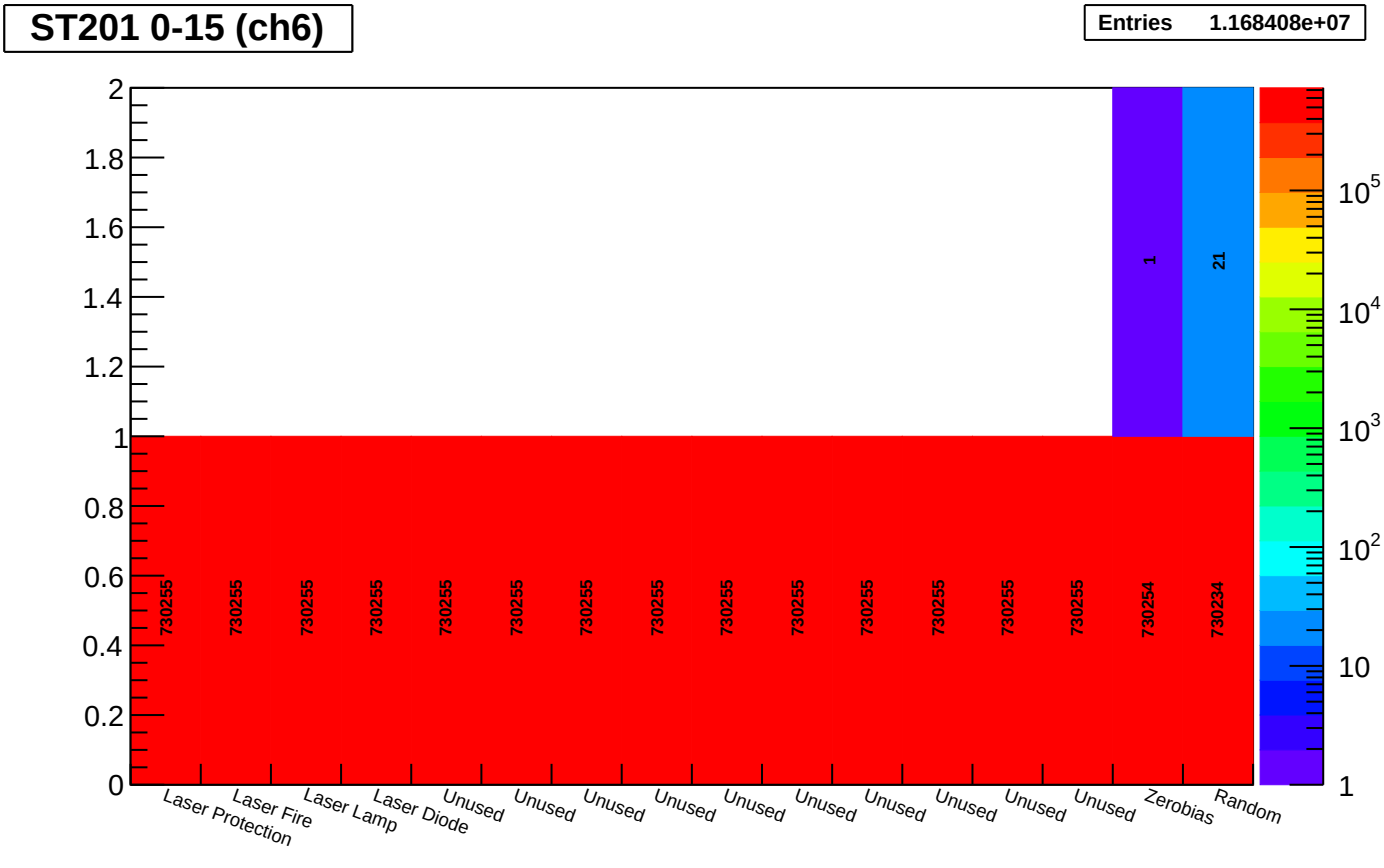

Entries 730255
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

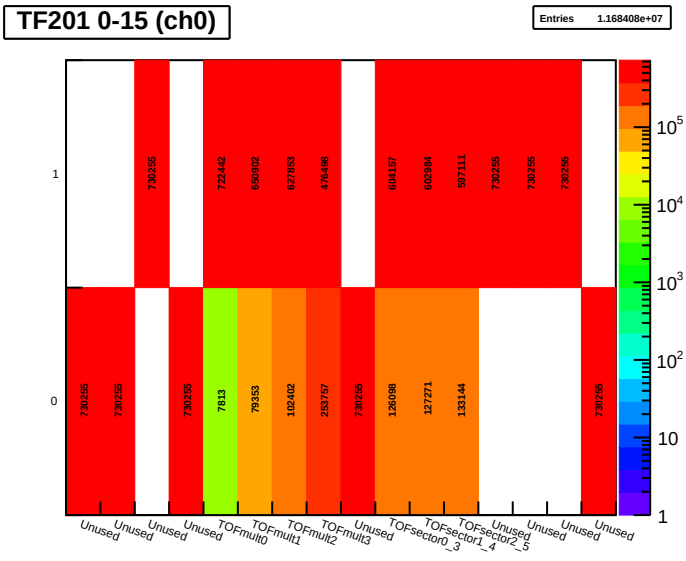

Entries 730255
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

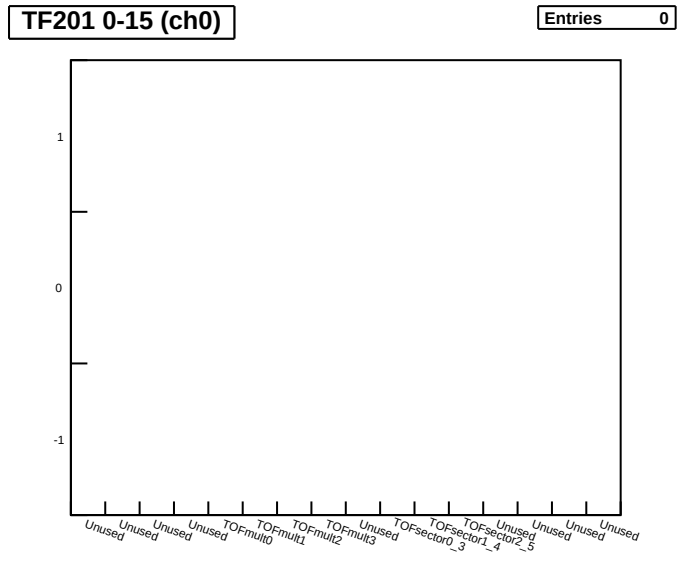

Entries 730255
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

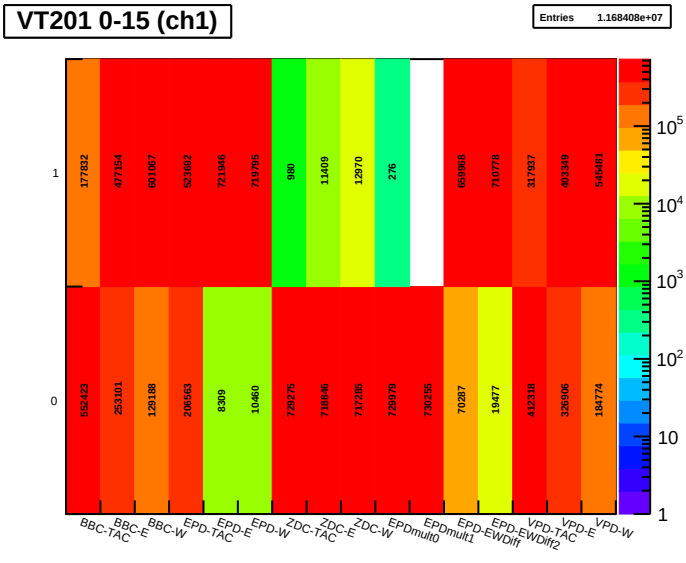

Entries 730255
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

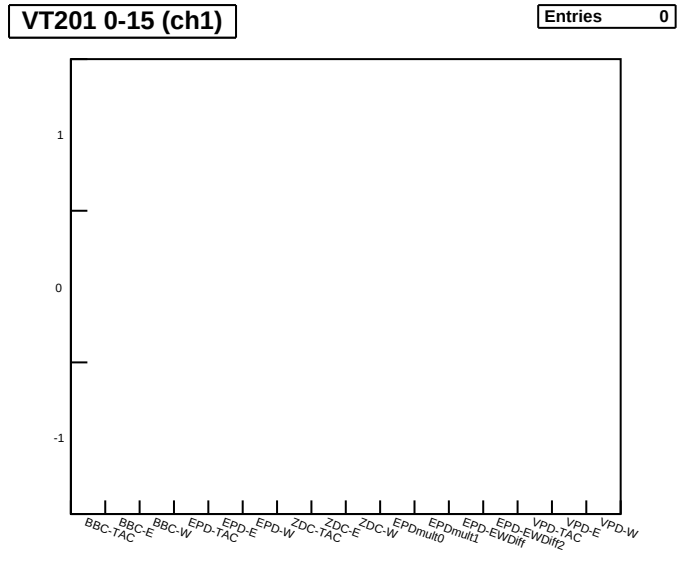

Laser Input Bits
Entries 730255
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

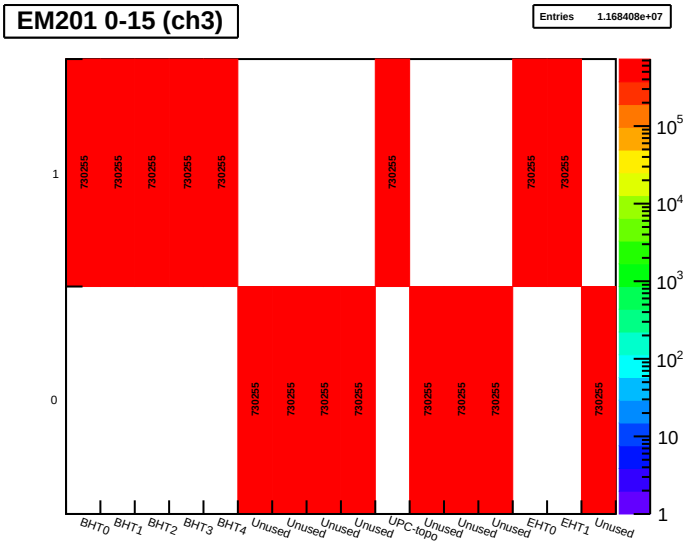

ST201 0-15 (ch6)
Entries 1.168408e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
730255
730255
730255
730255
730255
730255
730255
730255
730255
730255
730255
730255
730255
730255
730254
730234
1
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

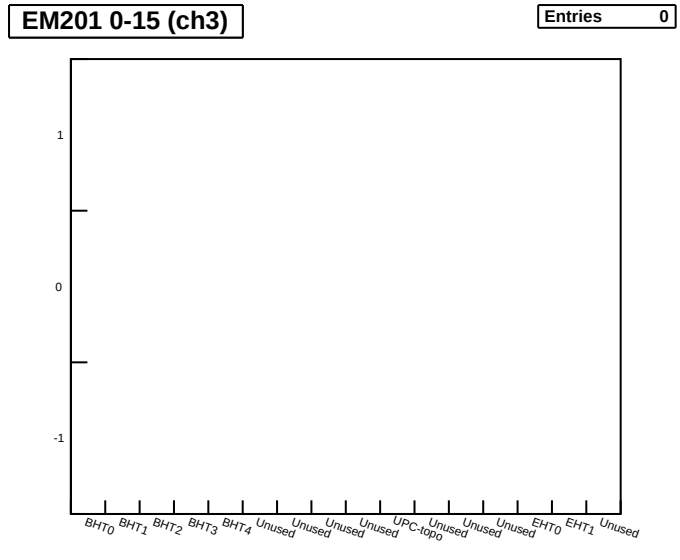

TF201 0-15 (ch0)
Entries 1.168408e+07
1
0
730255 730255 730255 7813 79353 102402 253757 730255 126098 127271 133144 730255
730255 722442 650902 627853 476498 604157 602984 597111 730255 730255 730255
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 1.168408e+07
1
0
177832 477154 601067 523892 721946 719795 980 11409 12970 276 659968 710778 317937 403349 545481
552423 253101 129188 206563 8309 10460 729275 718846 717285 729979 730255 70287 19477 412318 326906 184774
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
1 10 10^2 10^3 10^4 10^5


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 1.168408e+07
1
0
730255 730255 730255 730255 730255 730255 730255
730255 730255 730255 730255 730255 730255 730255 730255 730255
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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