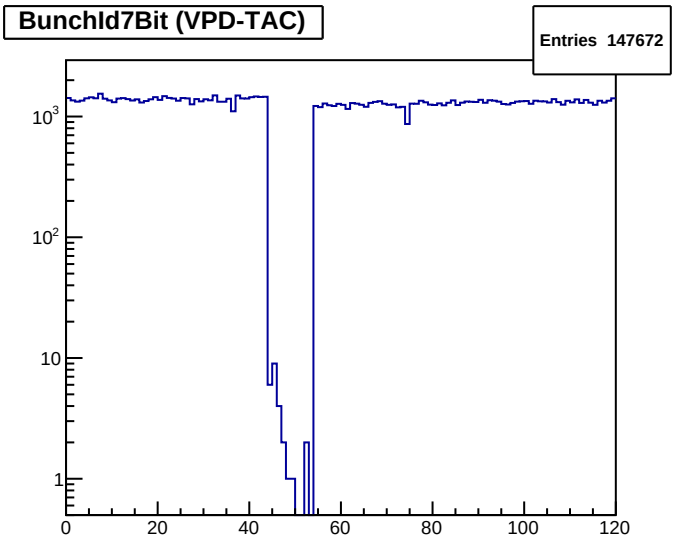
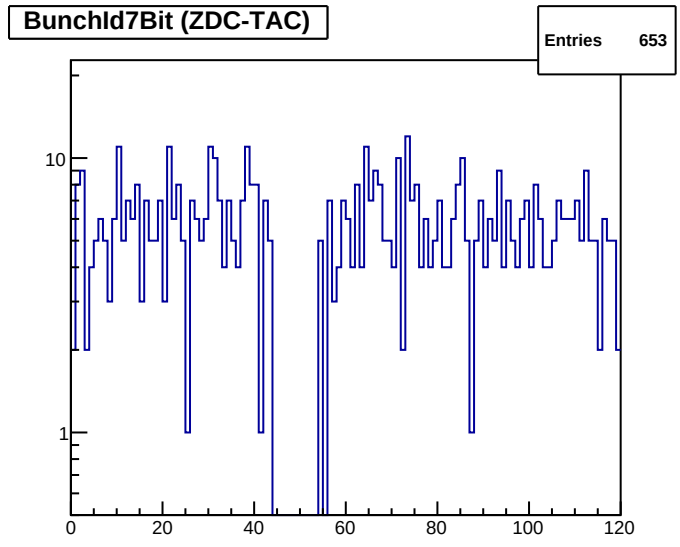
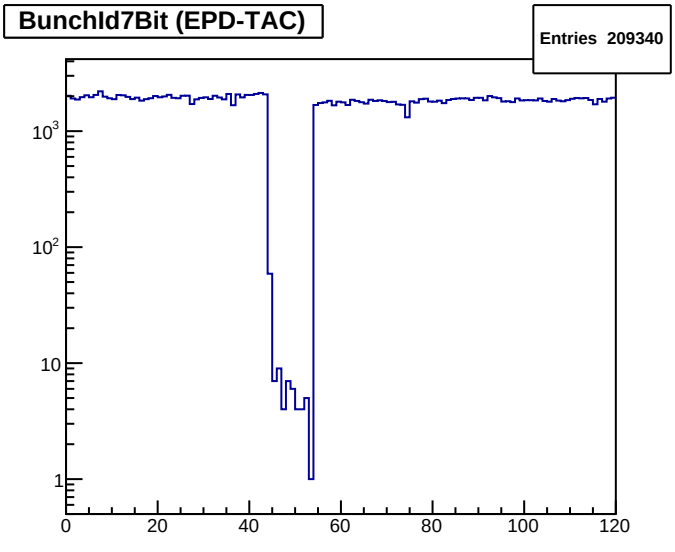
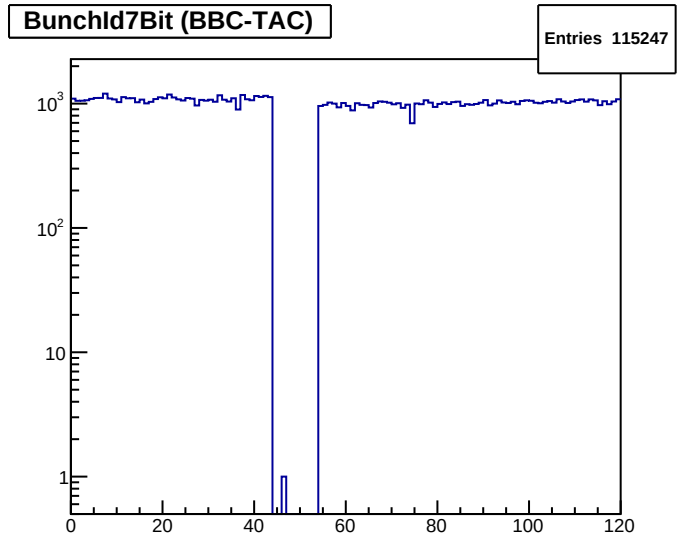
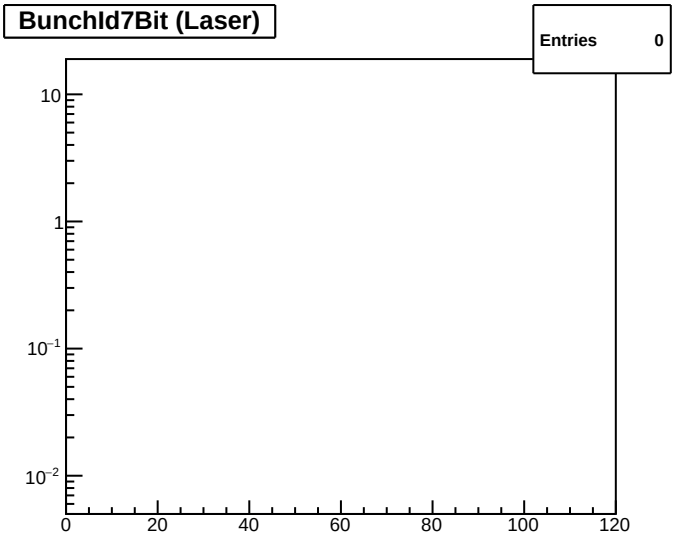
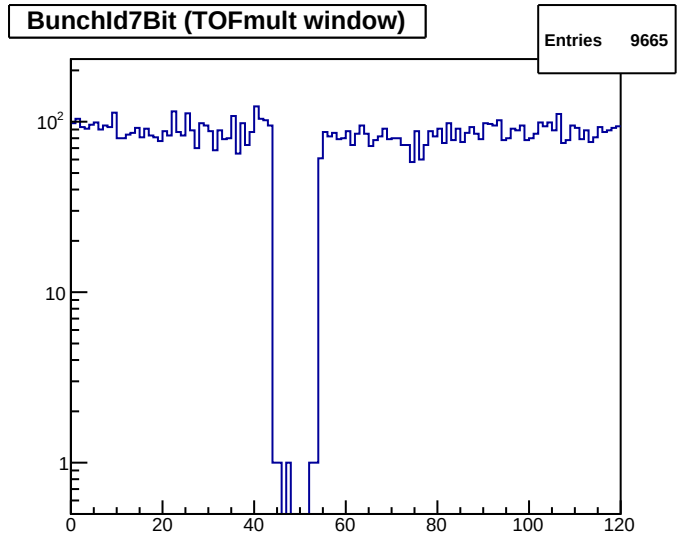

BunchId7Bit (VPD-TAC)
Entries 147672

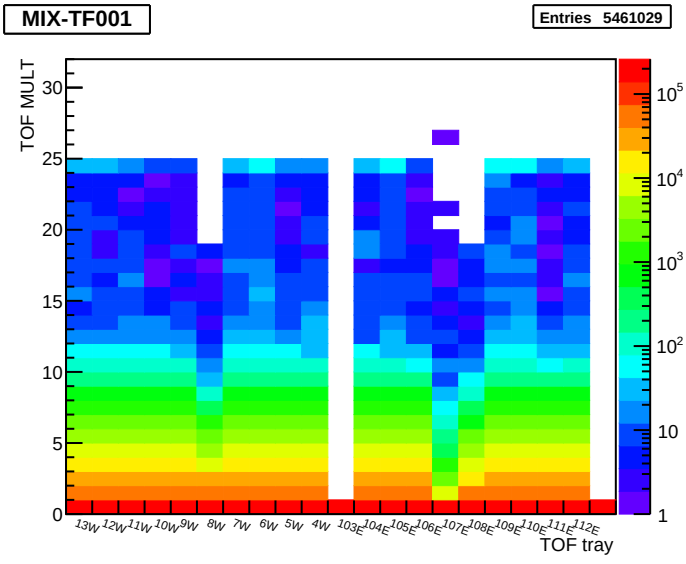

BunchId7Bit (ZDC-TAC)
Entries 653

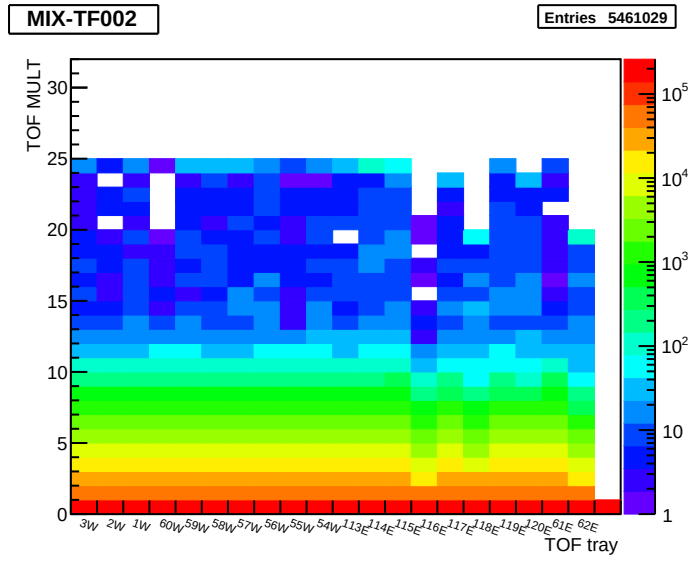

BunchId7Bit (EPD-TAC)
Entries 209340

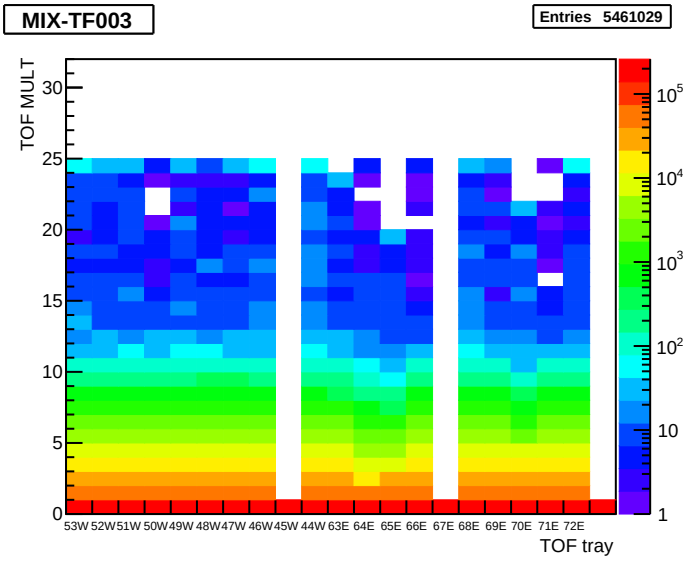

BunchId7Bit (BBC-TAC)
Entries 115247

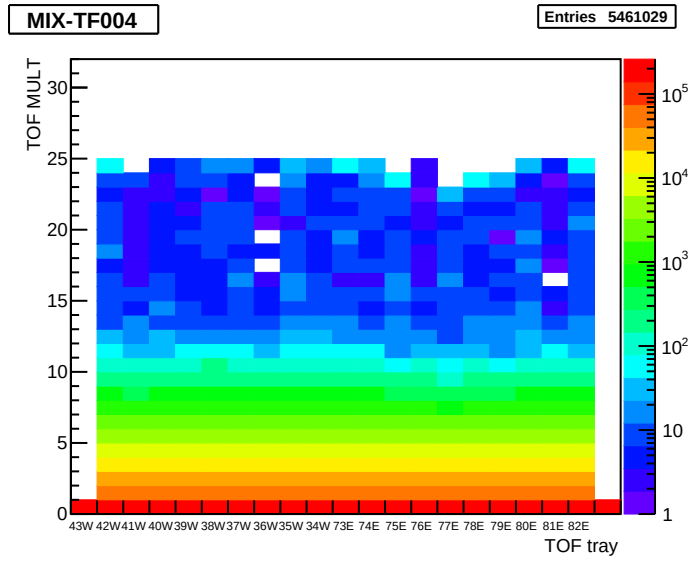

BunchId7Bit (Laser)
Entries 0

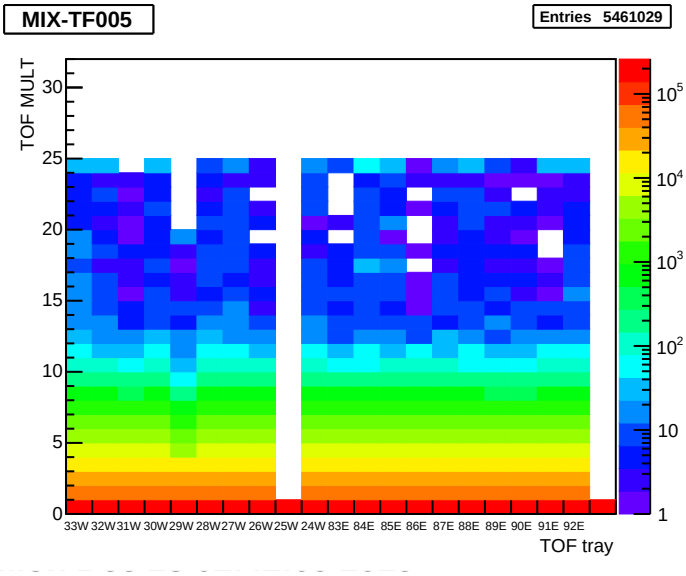

BunchId7Bit (TOFmult window)
Entries 9665

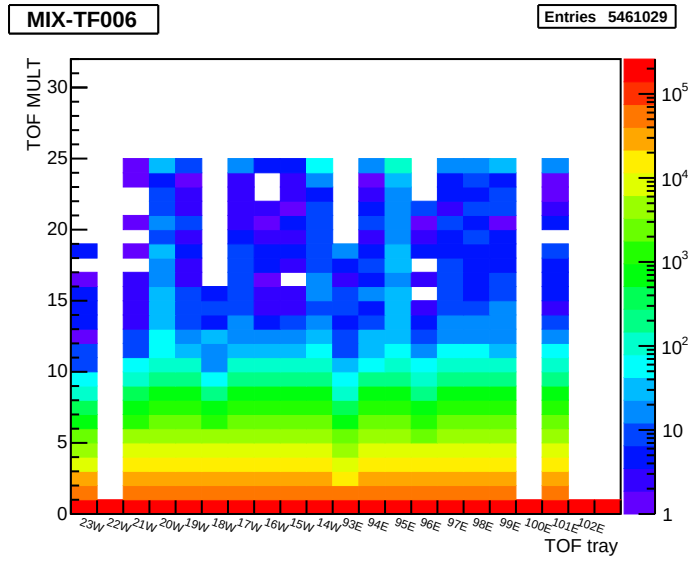

MIX-TF001
Entries 5461029
TOF MULT
TOF tray

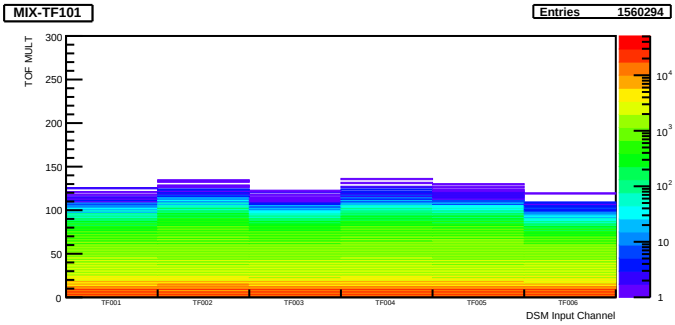

MIX-TF002
Entries 5461029
TOF MULT
TOF tray

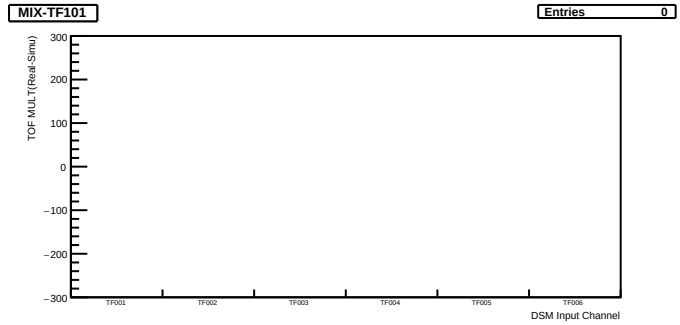

MIX-TF003
Entries 5461029
TOF MULT
TOF tray

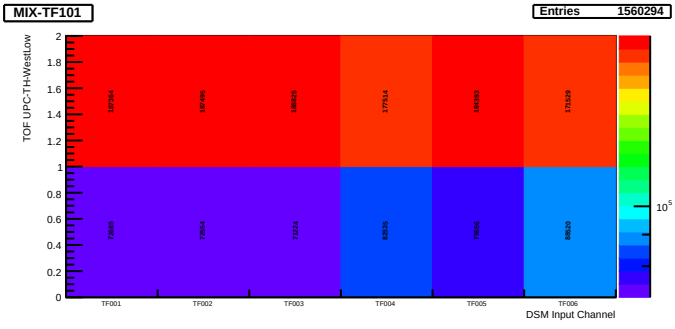

MIX-TF004
Entries 5461029
TOF MULT
TOF tray

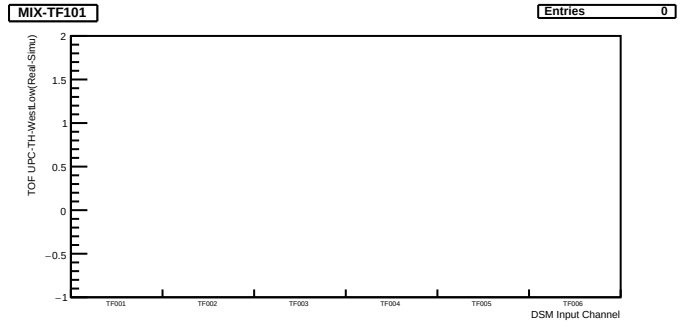

MIX-TF005
Entries 5461029
TOF MULT
TOF tray

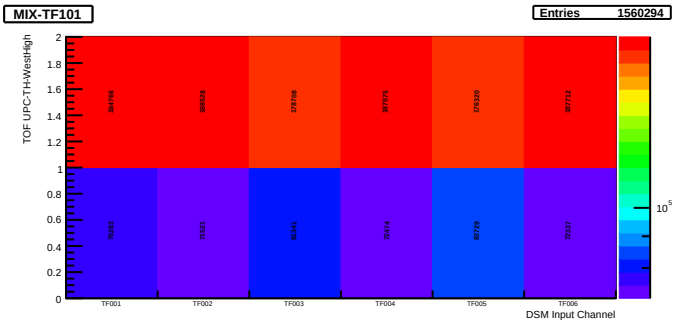

MIX-TF006
Entries 5461029
TOF MULT
TOF tray

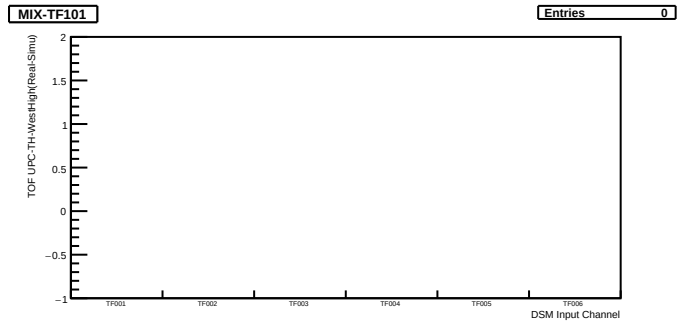

MIX-TF101
Entries 1560294
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

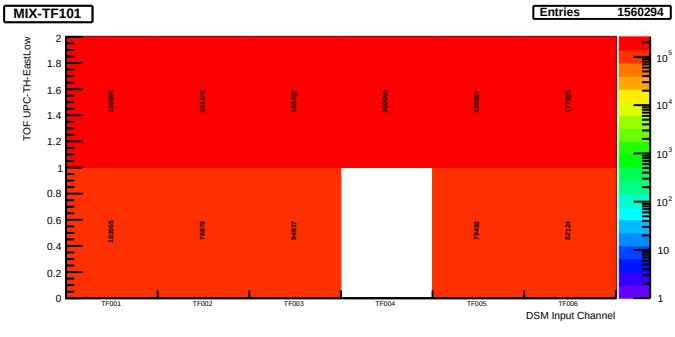

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

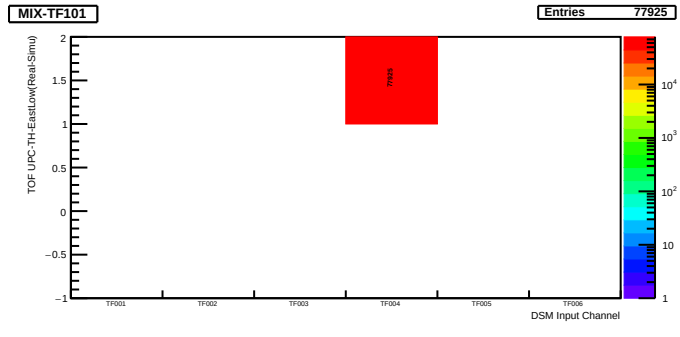

MIX-TF101
Entries 1560294
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

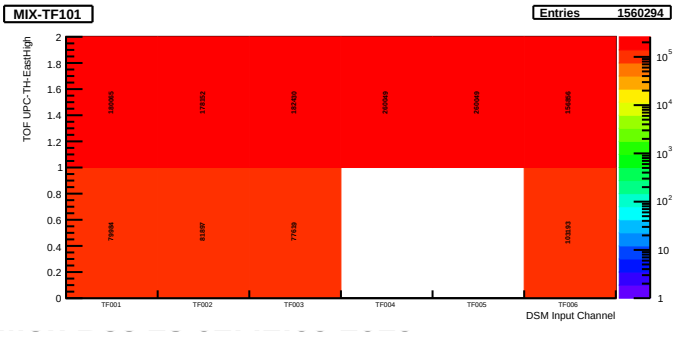

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

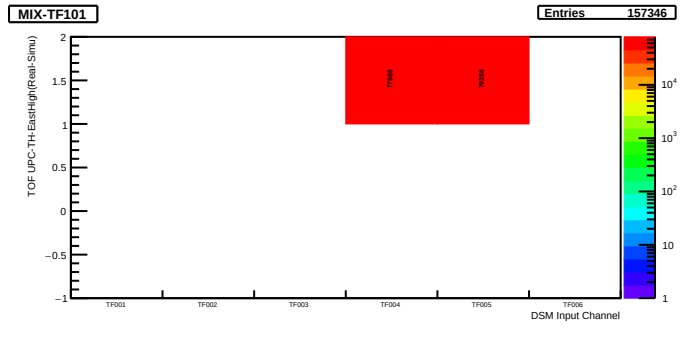

MIX-TF101
Entries 1560294
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

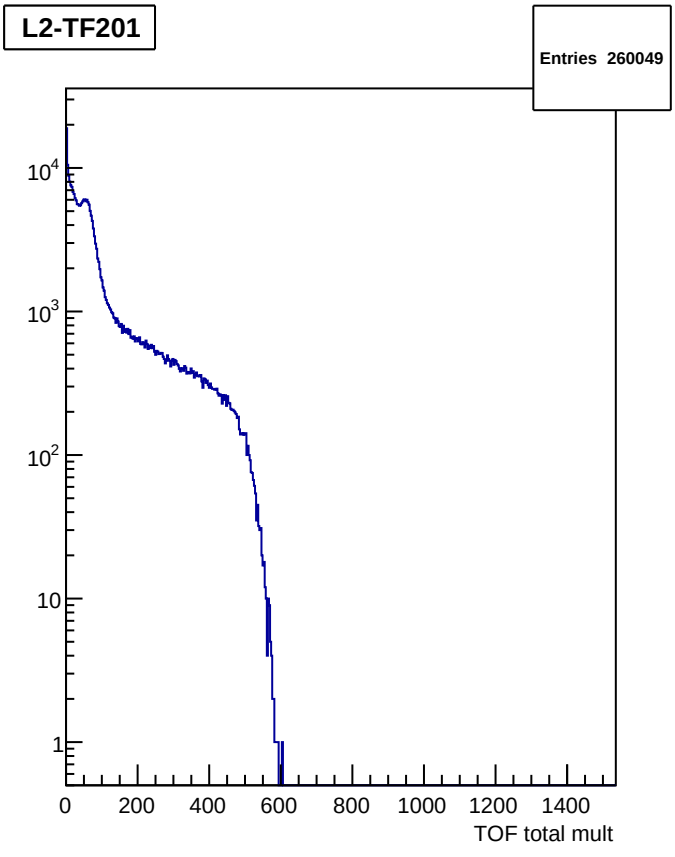

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

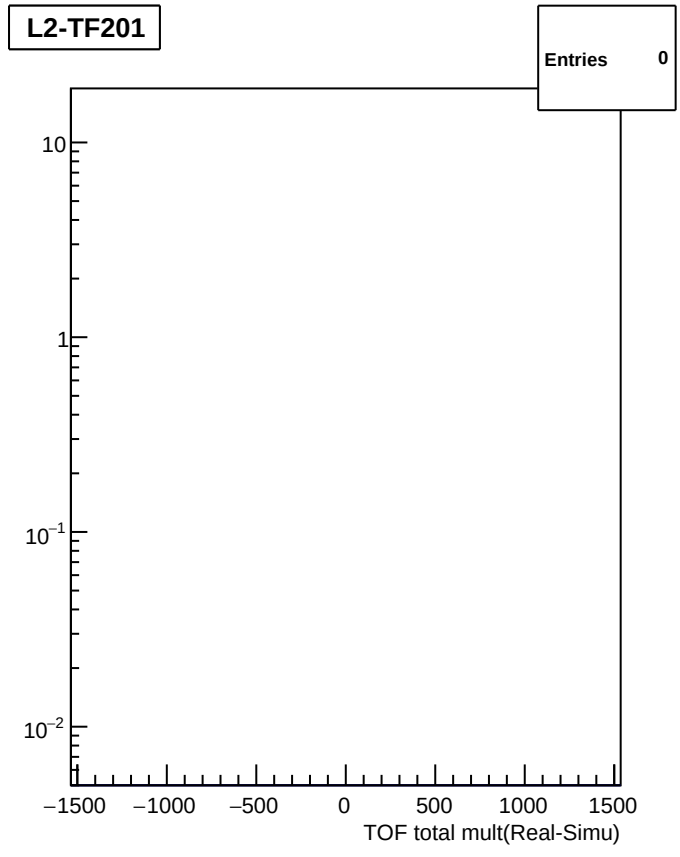

MIX-TF101
Entries 1560294
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

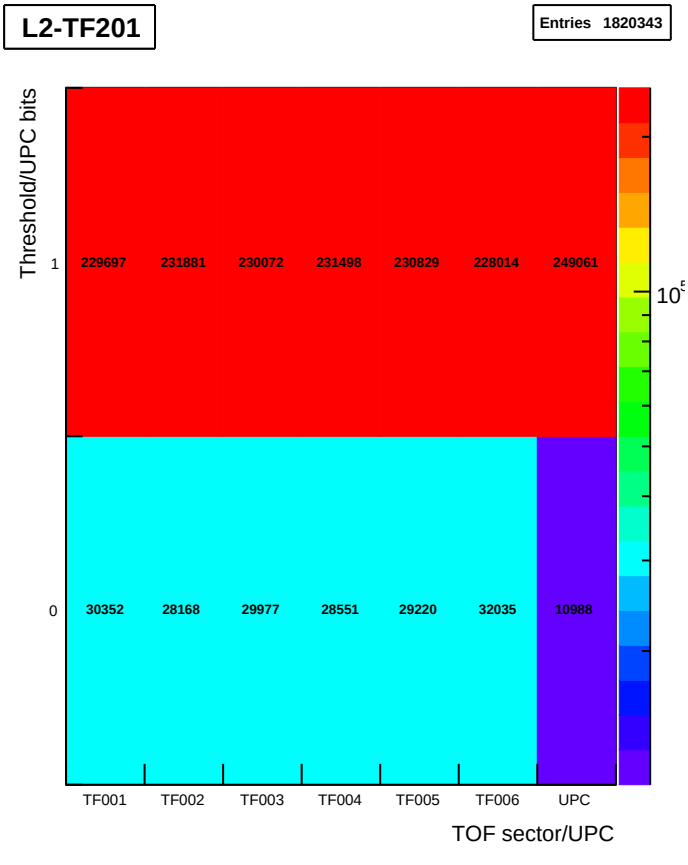

MIX-TF101
Entries 77925
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

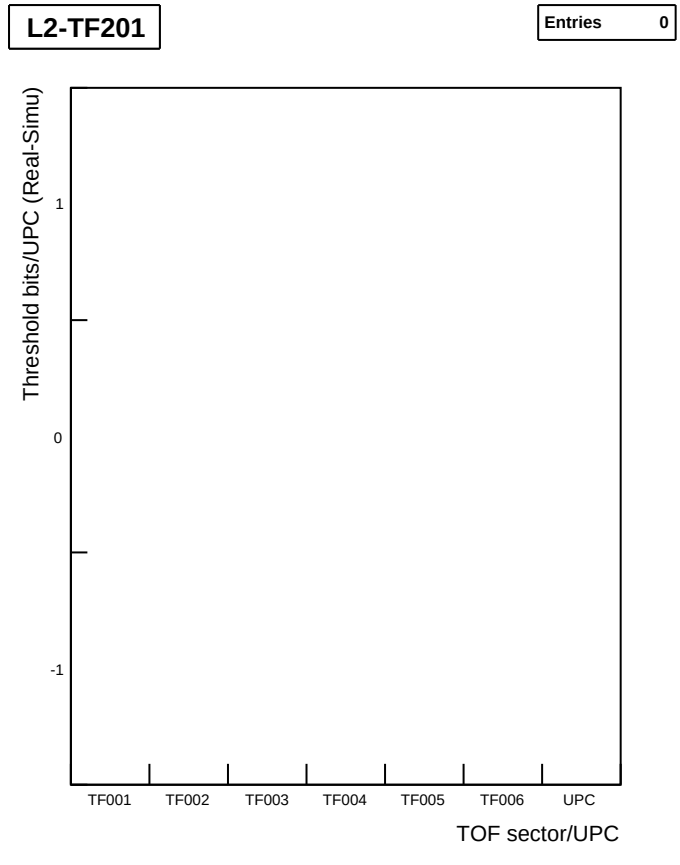

MIX-TF101
Entries 1560294
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

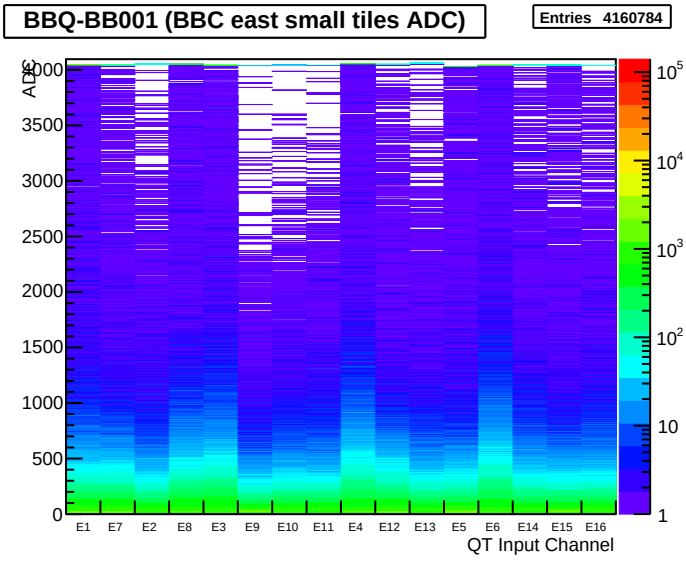

MIX-TF101
Entries 157346
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

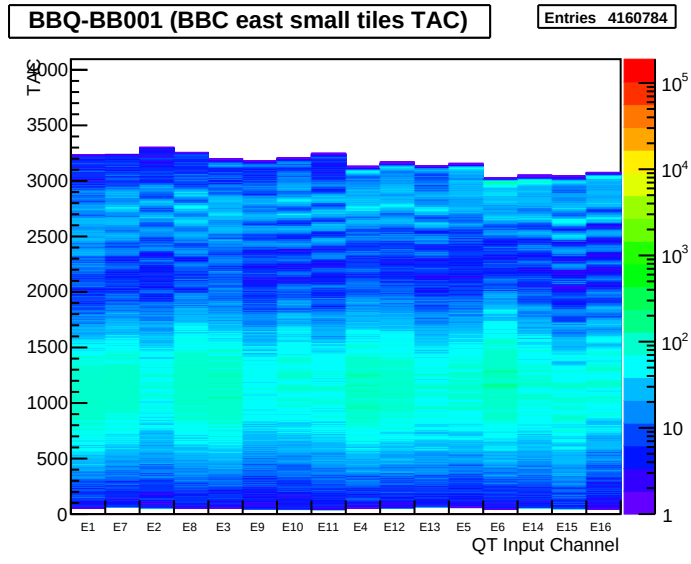

L2-TF201
Entries 260049
TOF total mult

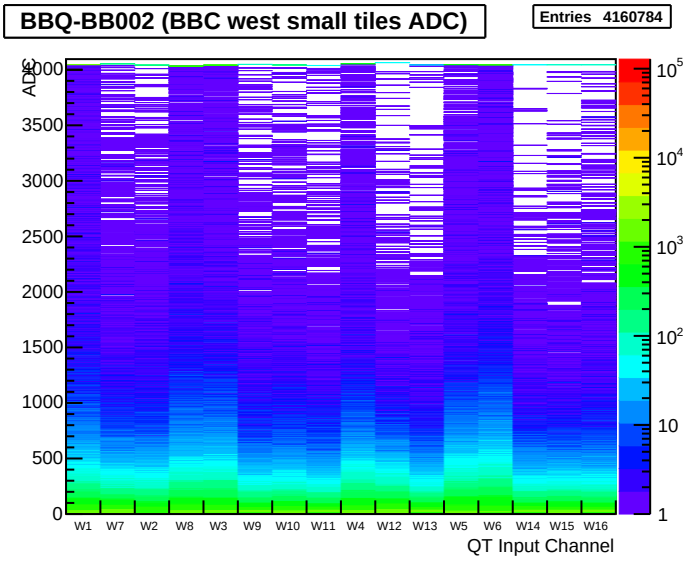

L2-TF201
Entries 0
TOF total mult(Real-Simu)

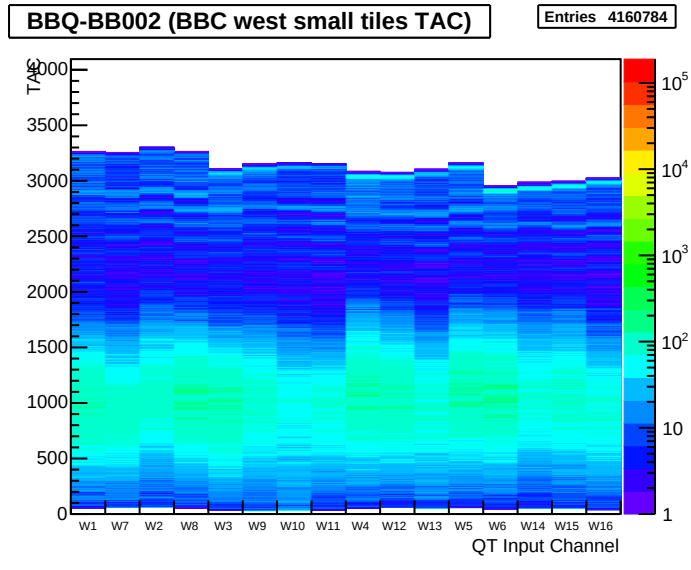

L2-TF201
Entries 1820343
Threshold/UPC bits
229697
231881
230072
231498
230829
228014
249061
30352
28168
29977
28551
29220
32035
10988
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

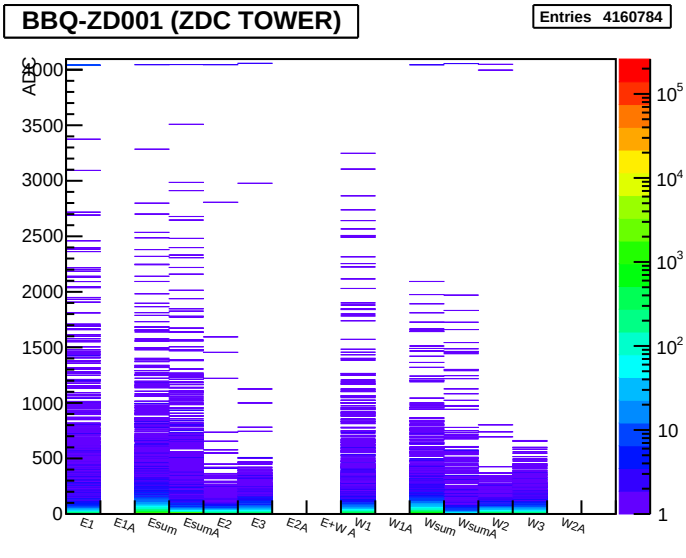

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

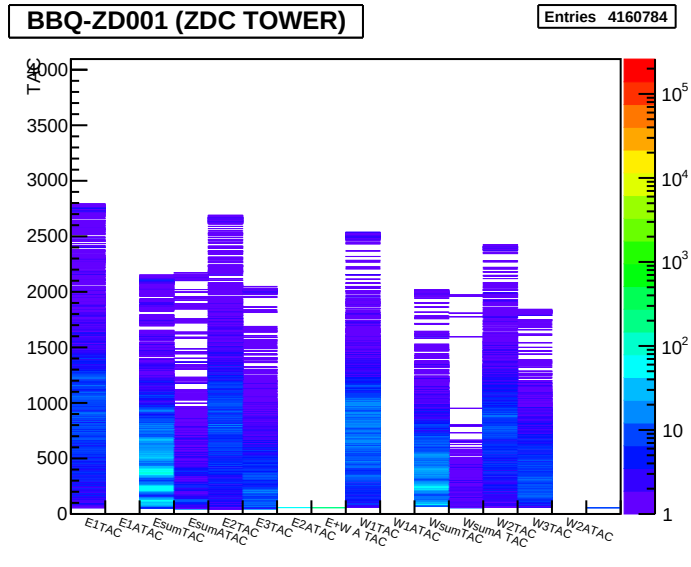

BBQ-BB001 (BBC east small tiles ADC)
Entries 4160784
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

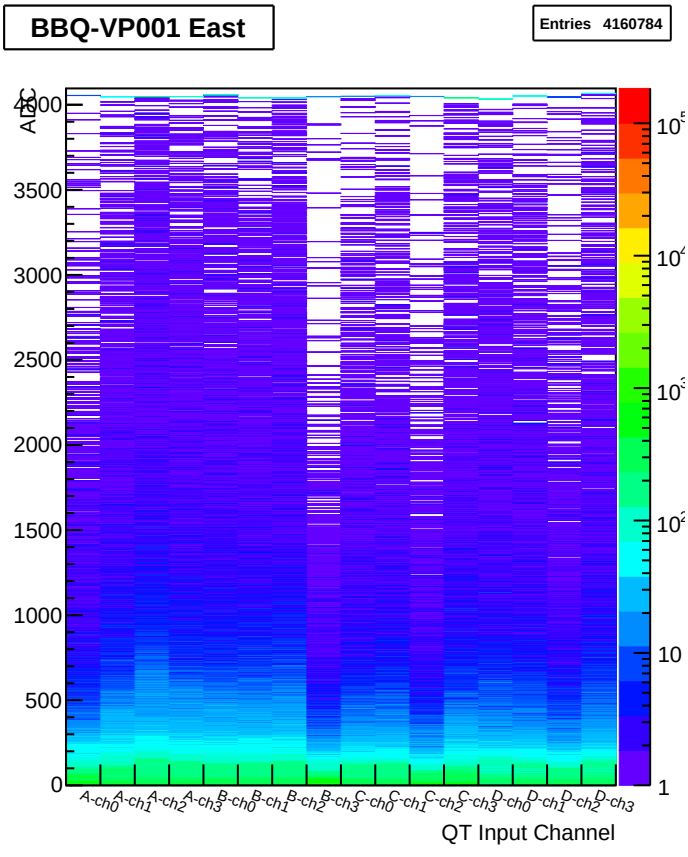

BBQ-BB001 (BBC east small tiles TAC)
Entries 4160784
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

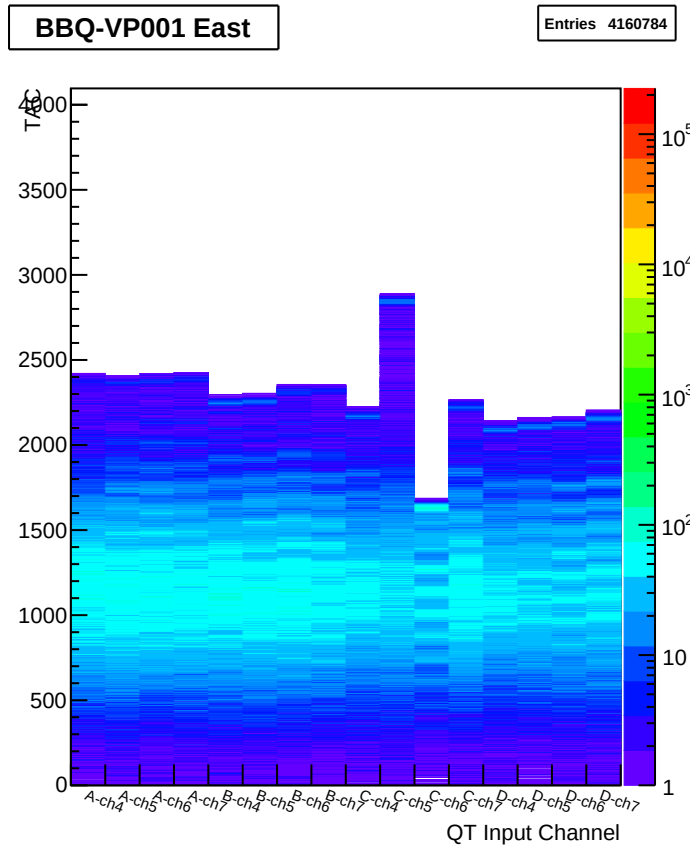

BBQ-BB002 (BBC west small tiles ADC)
Entries 4160784
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

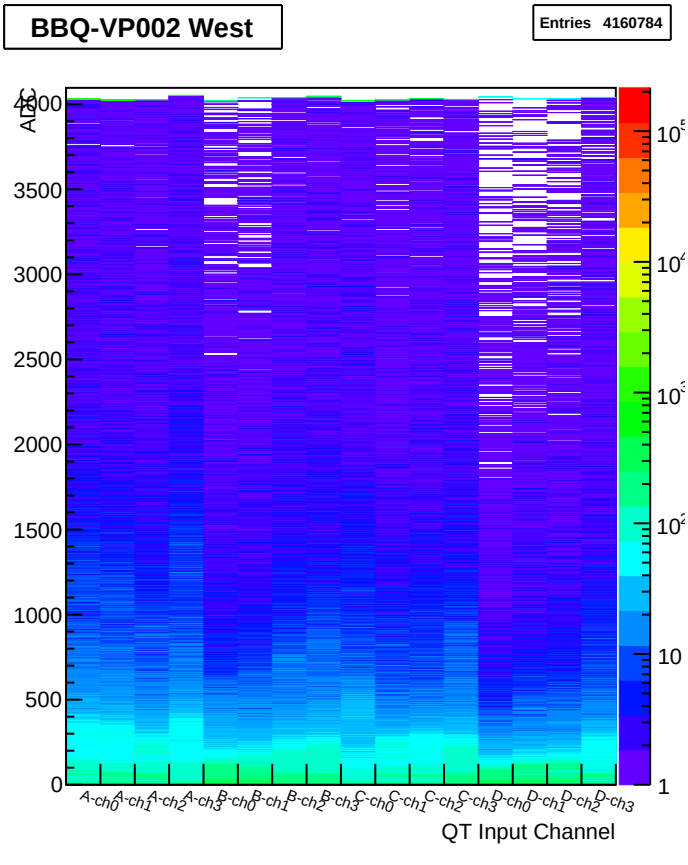

BBQ-BB002 (BBC west small tiles TAC)
Entries 4160784
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

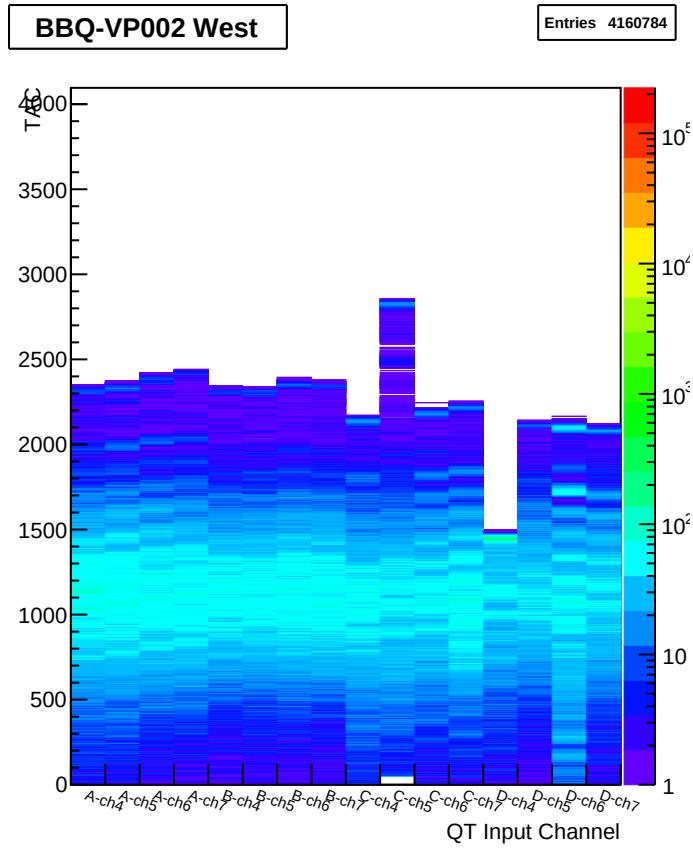

BBQ-ZD001 (ZDC TOWER)
Entries 4160784
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

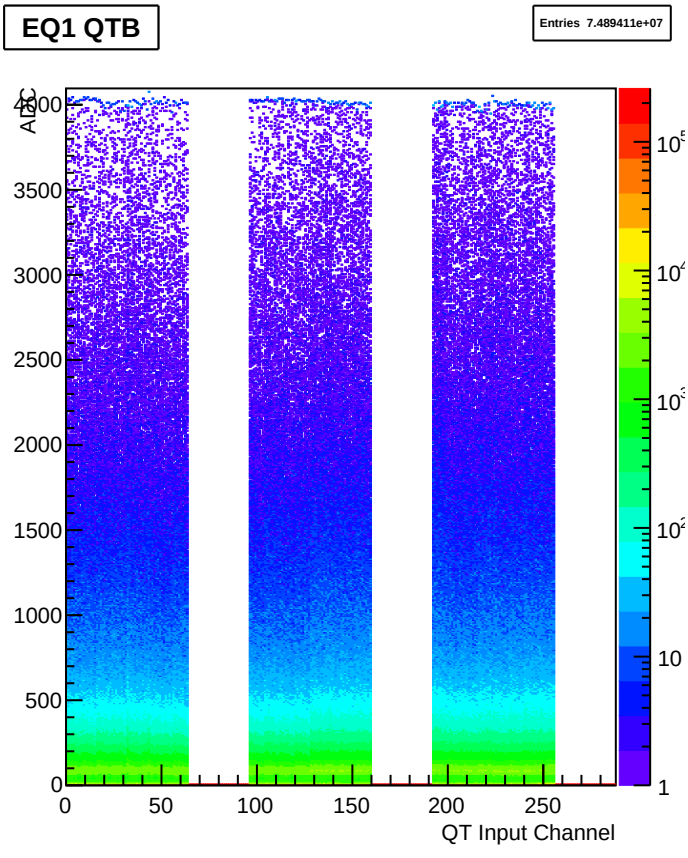

BBQ-ZD001 (ZDC TOWER)
Entries 4160784
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

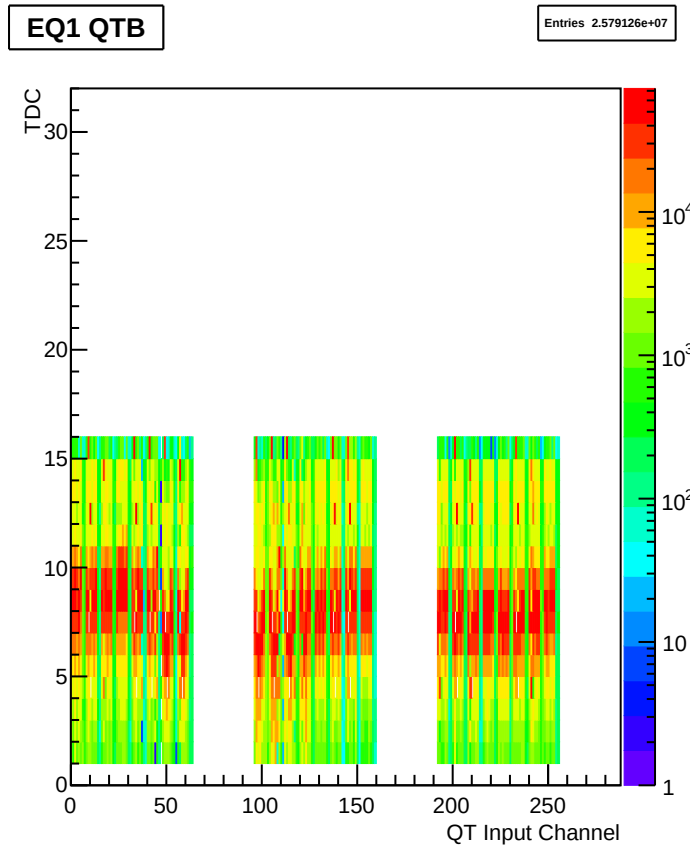

BBQ-VP001 East
Entries 4160784
ADC
QT Input Channel

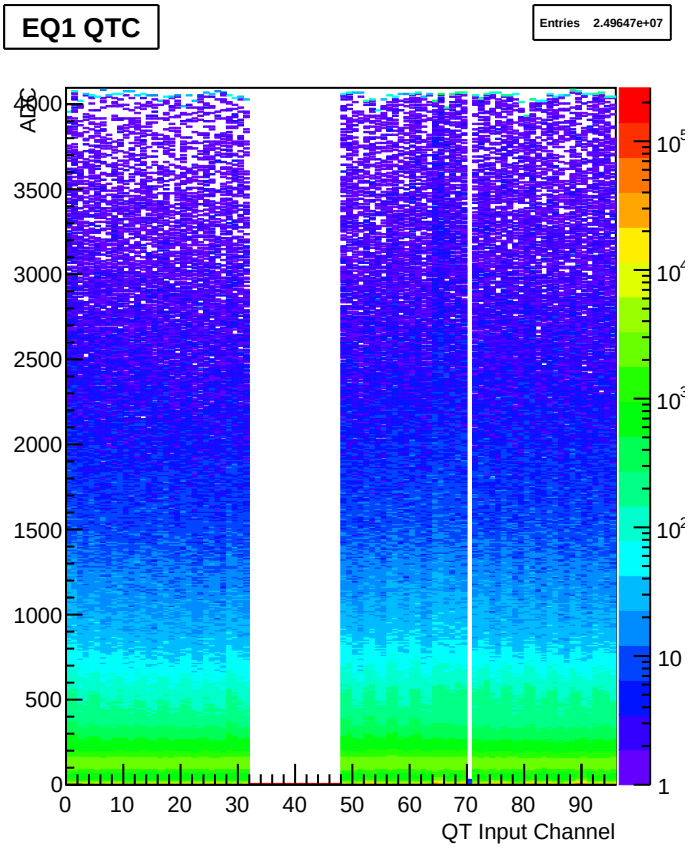

BBQ-VP001 East
Entries 4160784
TADC
QT Input Channel

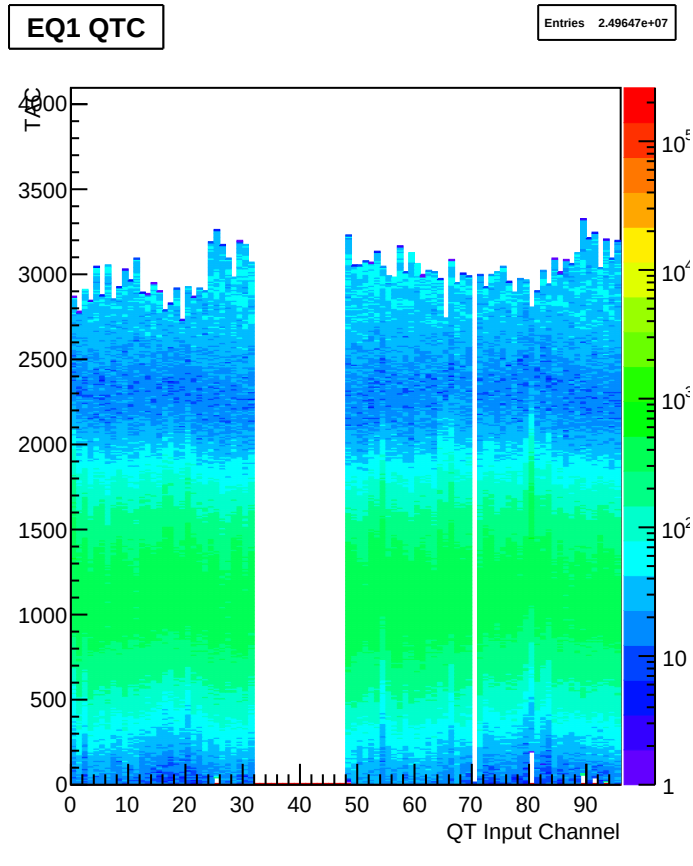

BBQ-VP002 West
Entries 4160784
ADC
QT Input Channel

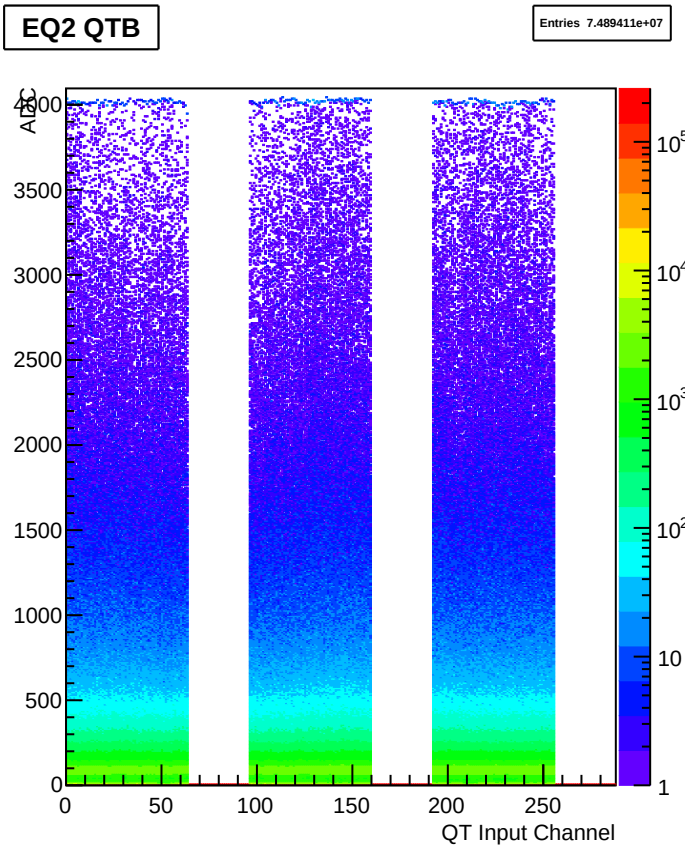

BBQ-VP002 West
Entries 4160784
TADC
QT Input Channel

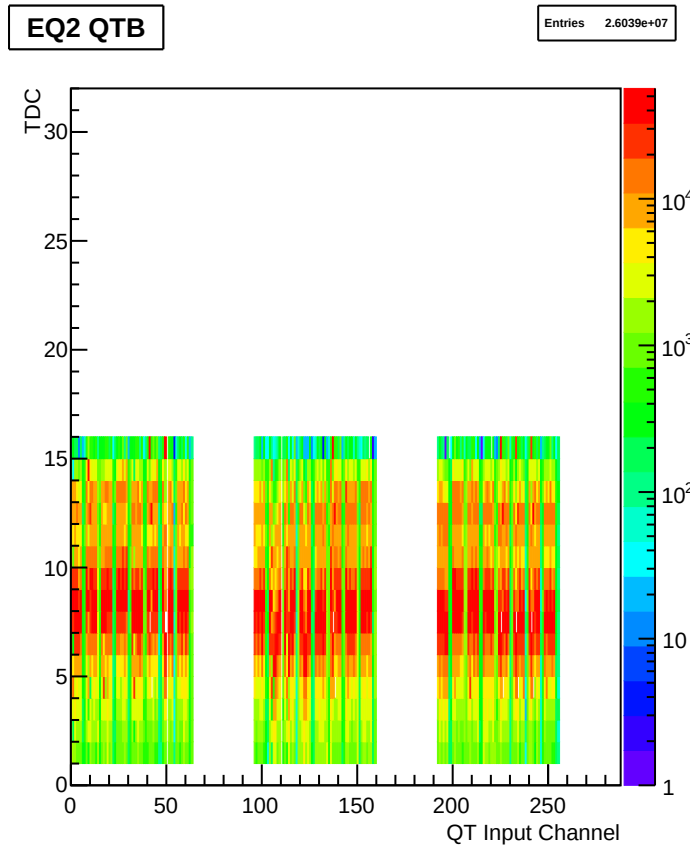

EQ1 QTB
Entries 7.489411e+07
ADC
QT Input Channel

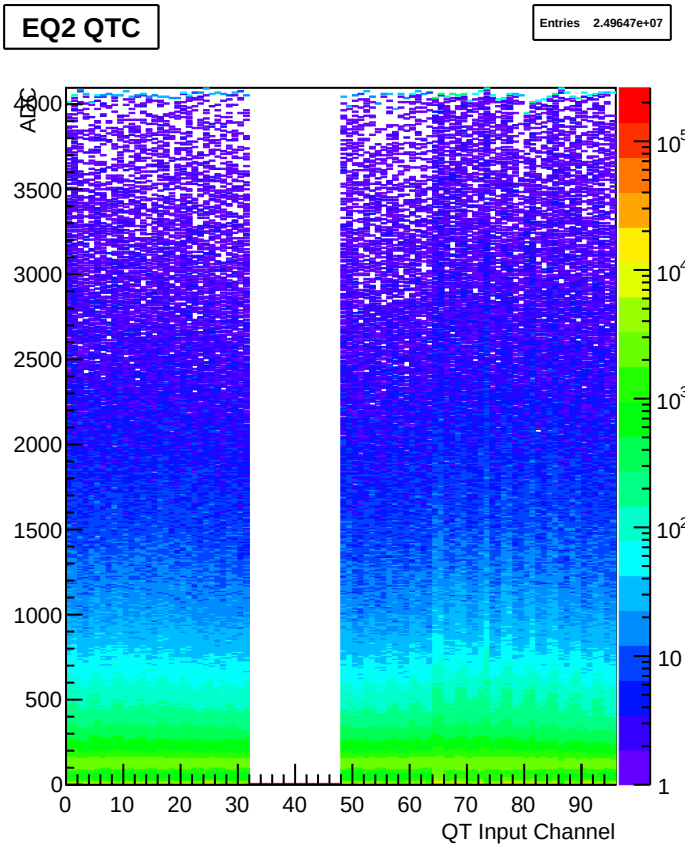

EQ1 QTB
Entries 2.579126e+07
TDC
QT Input Channel

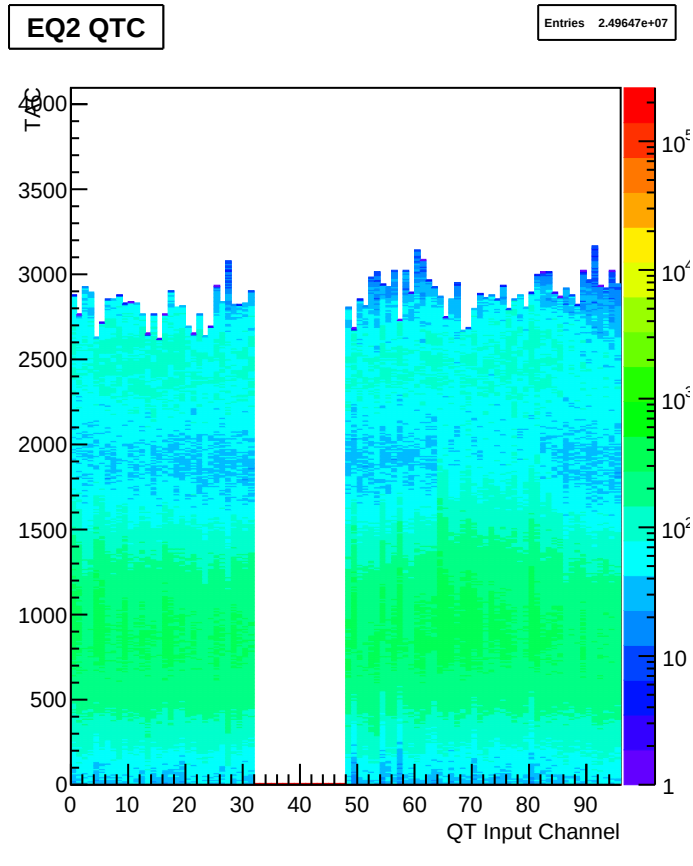

EQ1 QTC
Entries 2.49647e+07
ADC
QT Input Channel

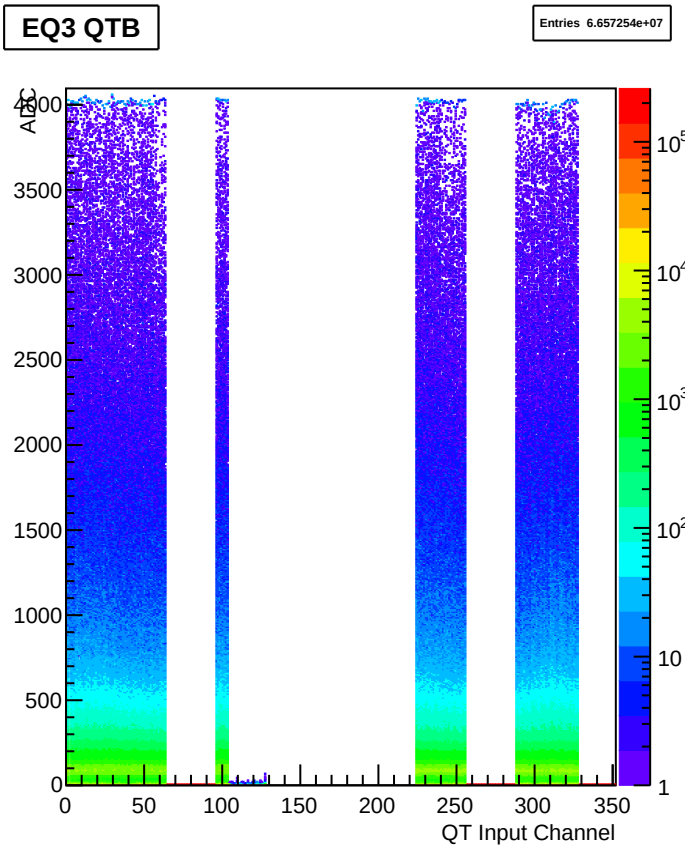

EQ1 QTC
Entries 2.49647e+07
TADC
QT Input Channel

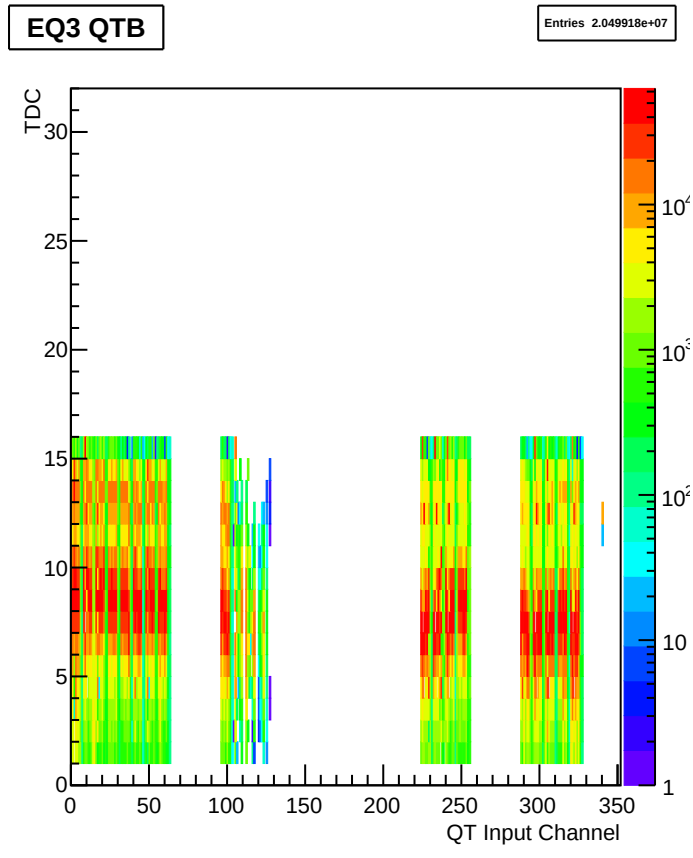

EQ2 QTB
Entries 7.489411e+07
ADC
QT Input Channel

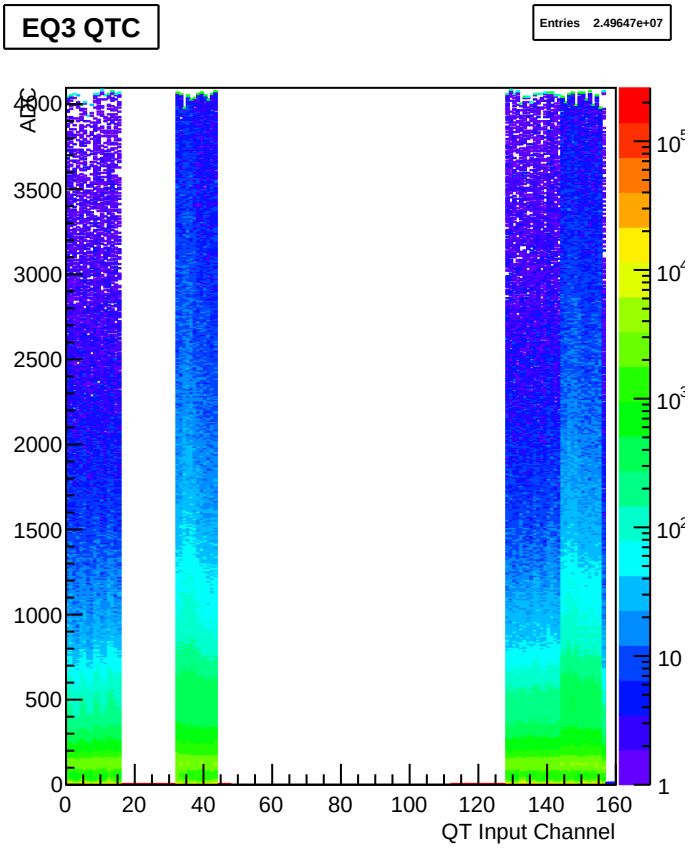

EQ2 QTB
Entries 2.6039e+07
TDC
QT Input Channel

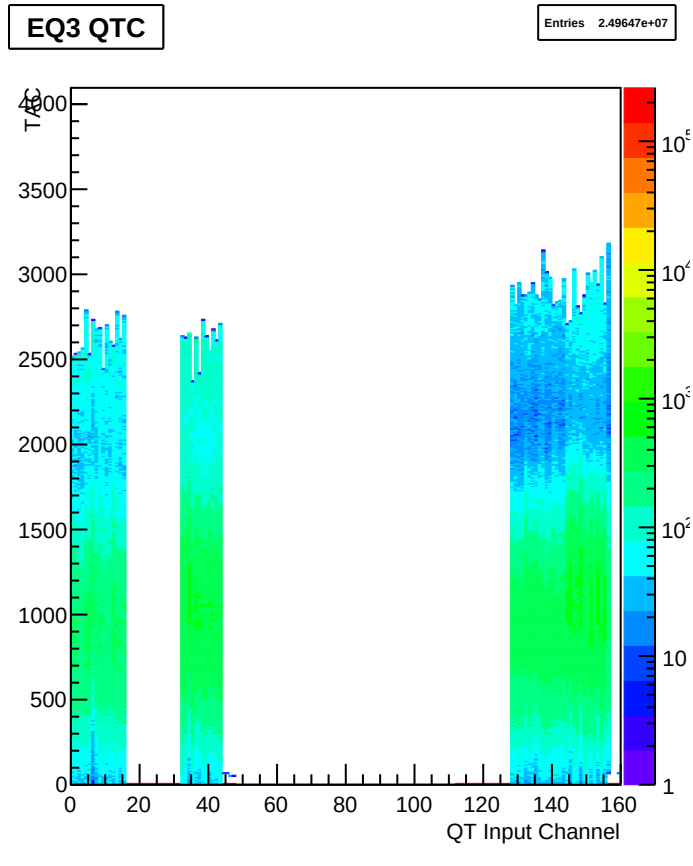

EQ2 QTC
Entries 2.49647e+07
ADC
QT Input Channel

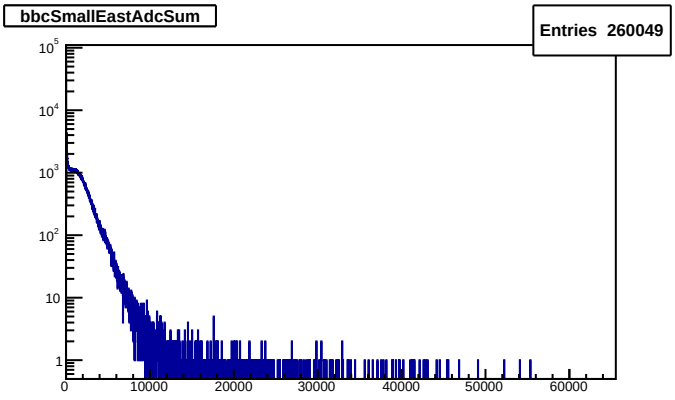

EQ2 QTC
Entries 2.49647e+07
TADC
QT Input Channel

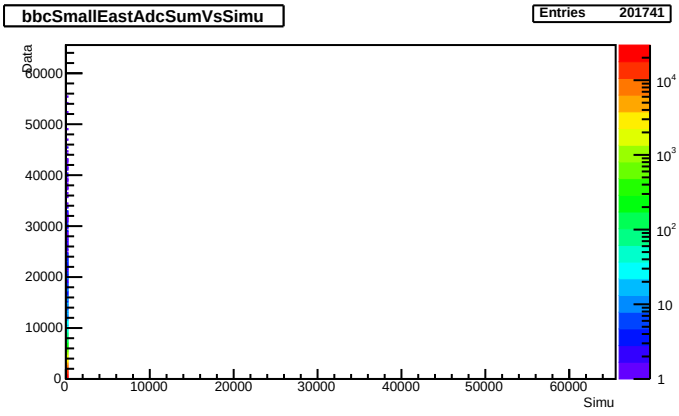

EQ3 QTB
Entries 6.657254e+07
ADC
QT Input Channel

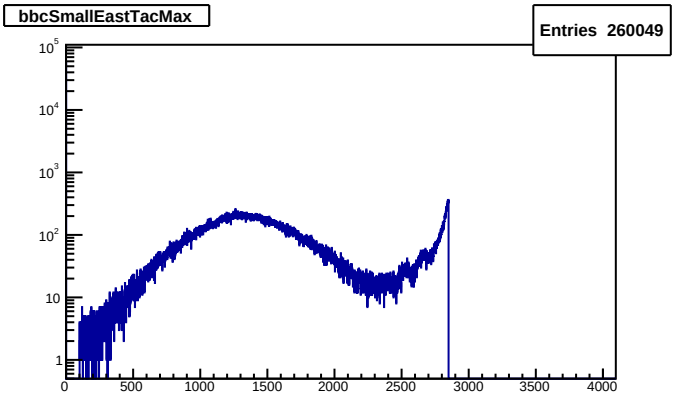

EQ3 QTB
Entries 2.049918e+07
TDC
QT Input Channel

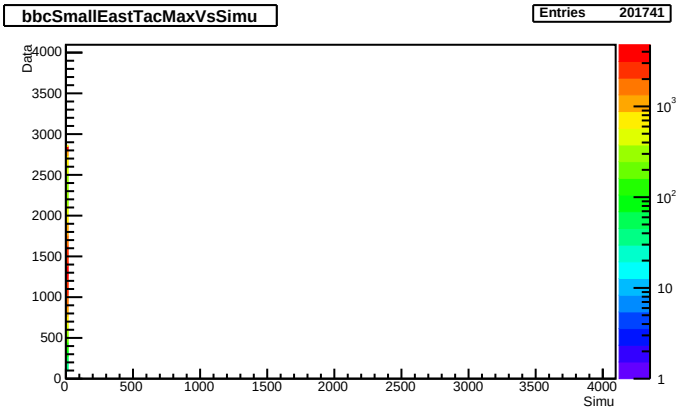

EQ3 QTC
Entries 2.49647e+07
ADC
QT Input Channel

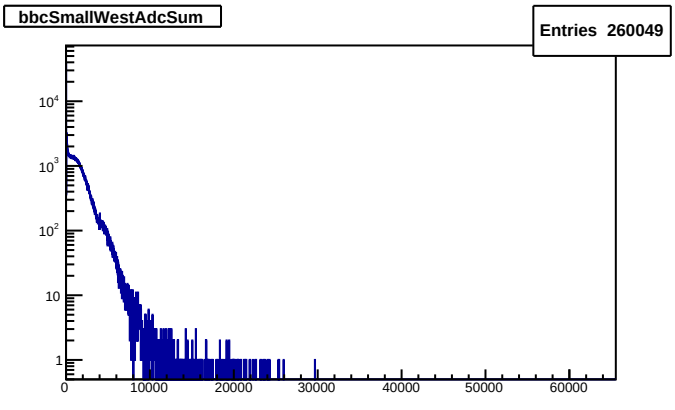

EQ3 QTC
Entries 2.49647e+07
TADC
QT Input Channel

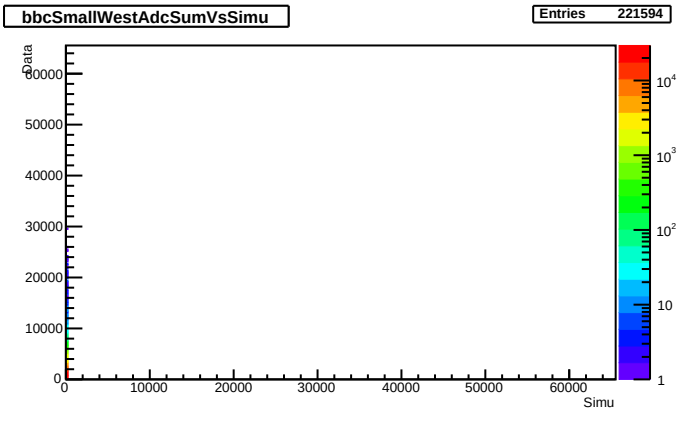

bbcSmallEastAdcSum
Entries 260049

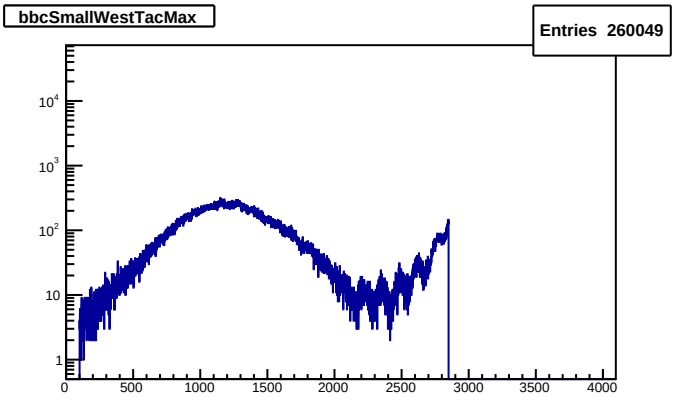

bbcSmallEastAdcSumVsSimu
Entries 201741
Data
Simu

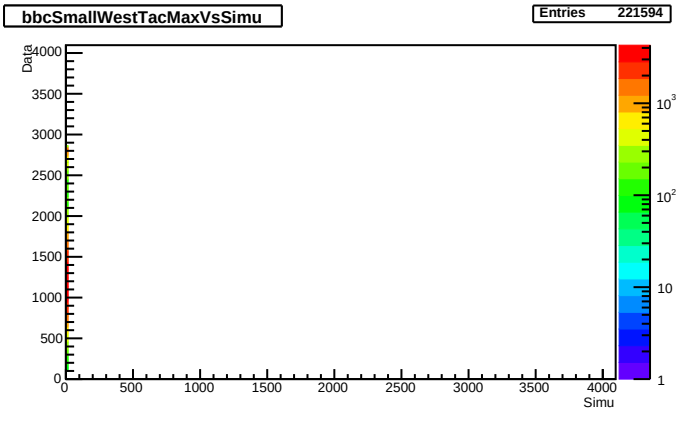

bbcSmallEastTacMax
Entries 260049

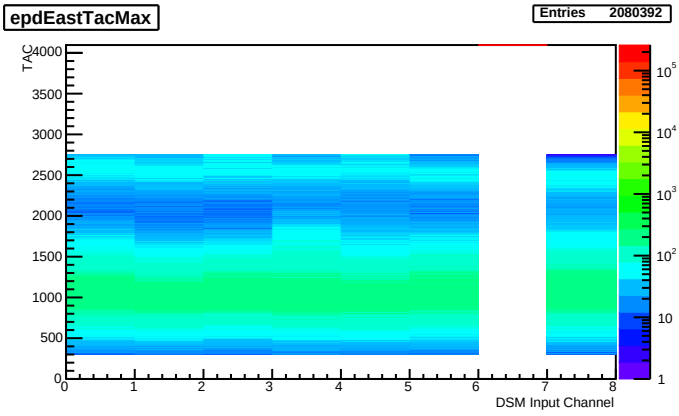

bbcSmallEastTacMaxVsSimu
Entries 201741
Data
Simu

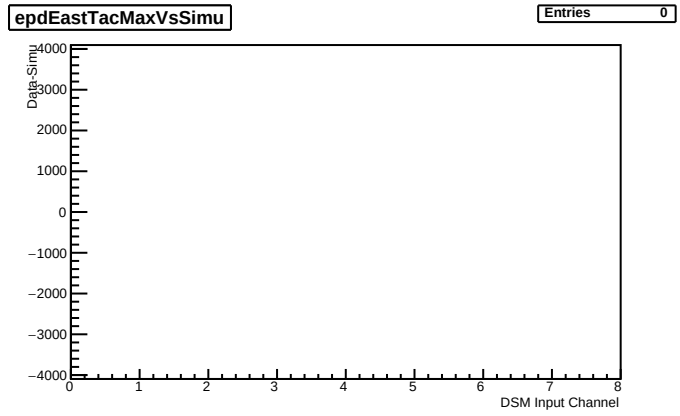

bbcSmallWestAdcSum
Entries 260049

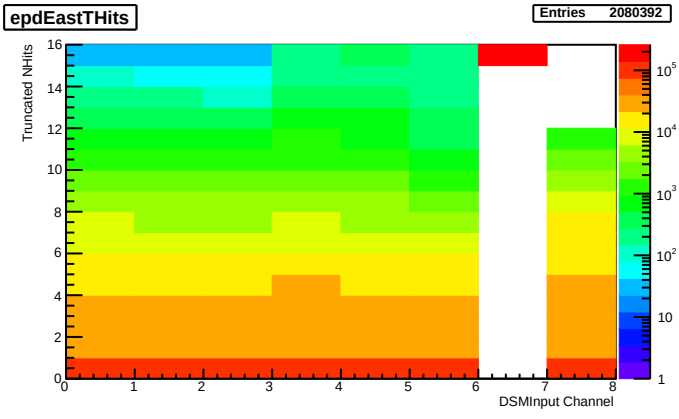

bbcSmallWestAdcSumVsSimu
Entries 221594
Data
Simu

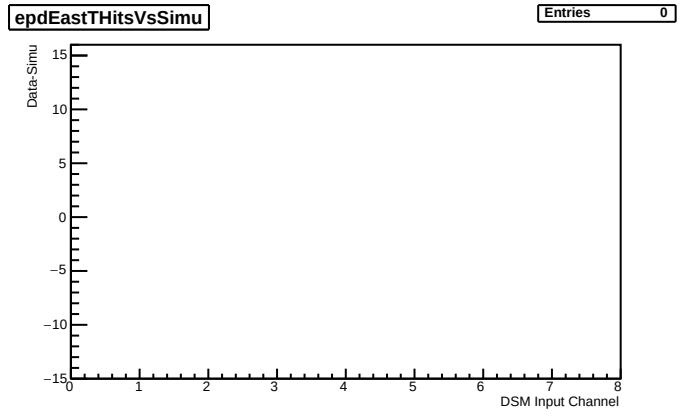

bbcSmallWestTacMax
Entries 260049

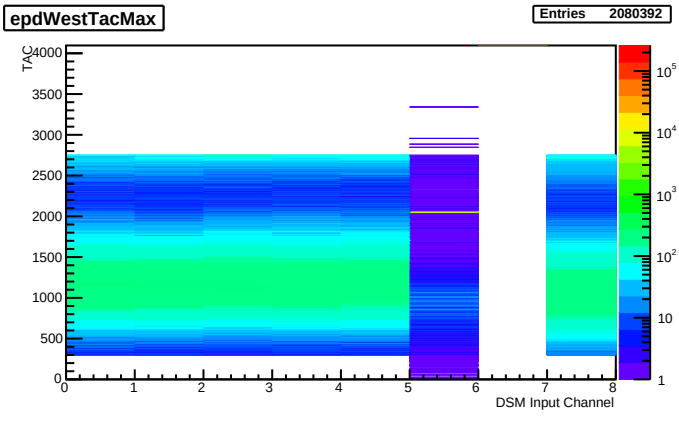

bbcSmallWestTacMaxVsSimu
Entries 221594
Data
Simu

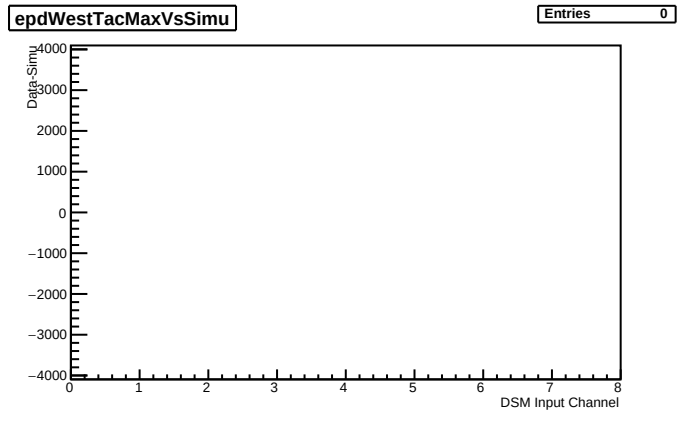

epdEastTacMax
Entries 2080392
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2080392
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2080392
TAC
DSM Input Channel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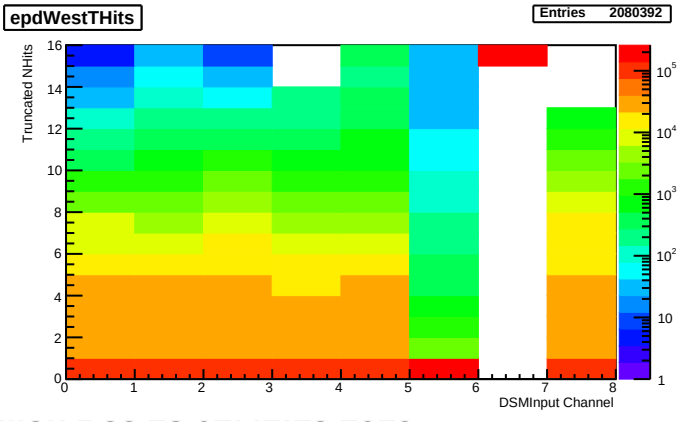
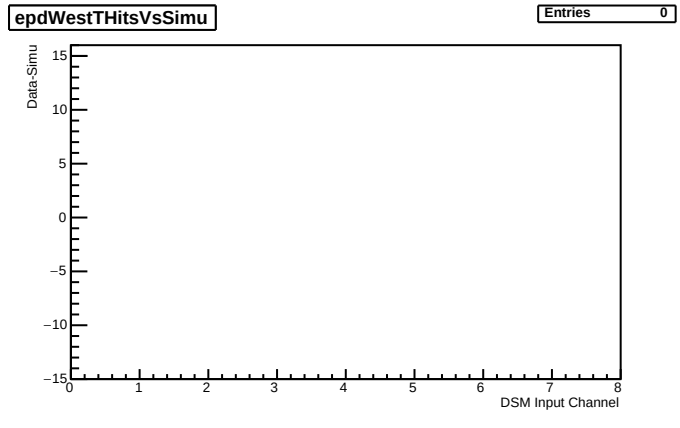
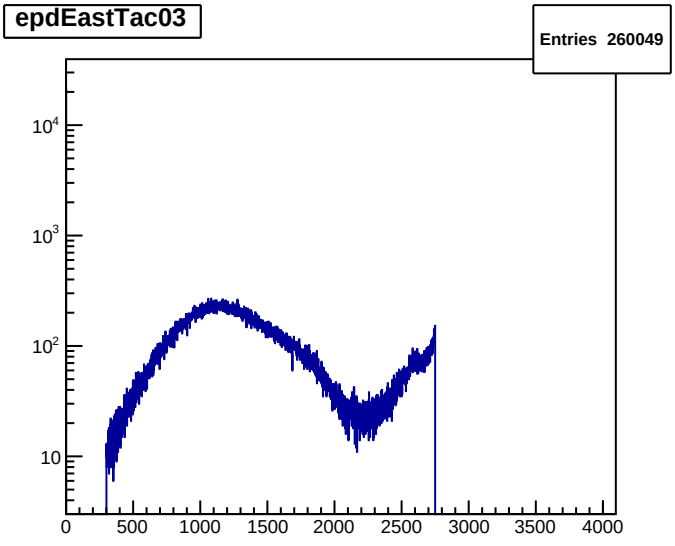
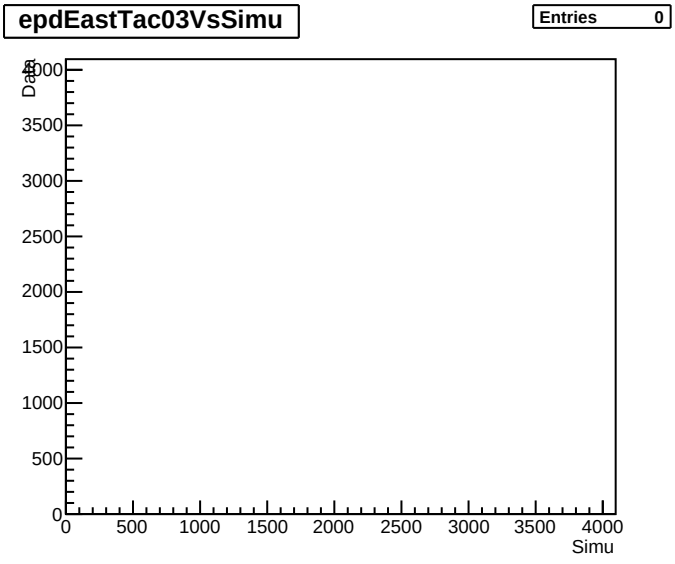
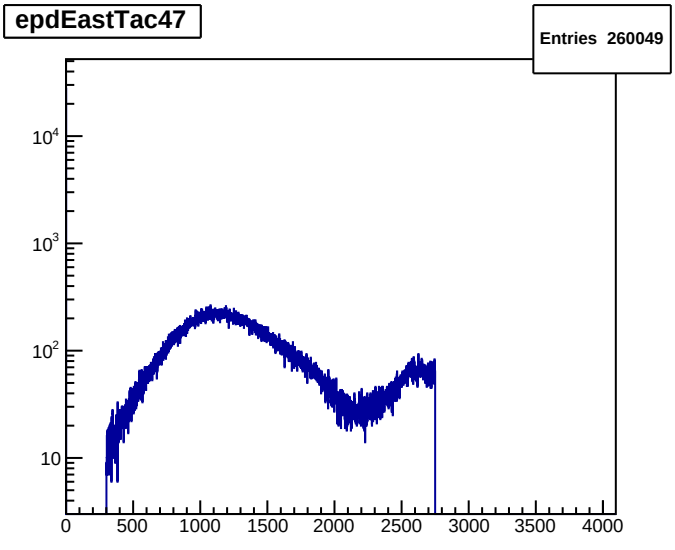
Entries 0
Data-Simu
DSM Input Channel

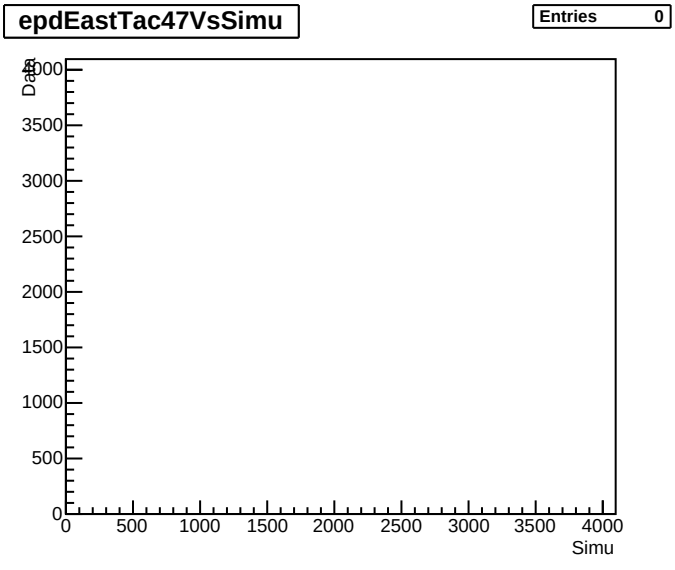

epdWestTHits
Entries 2080392
Truncated NHits
DSMInput Channel

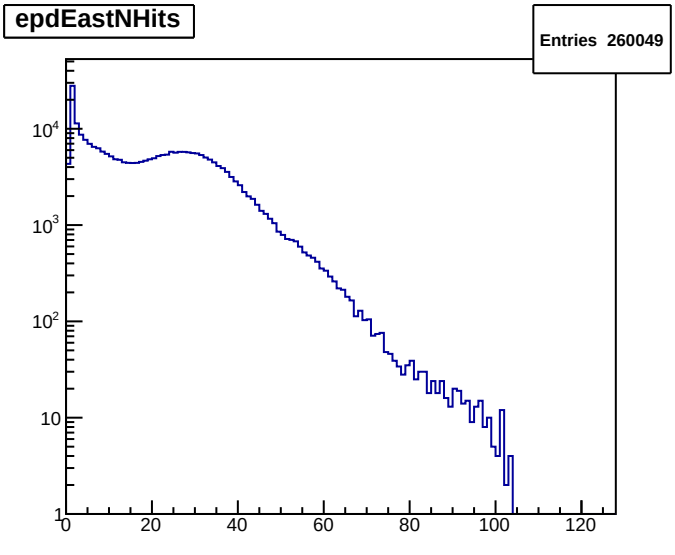

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

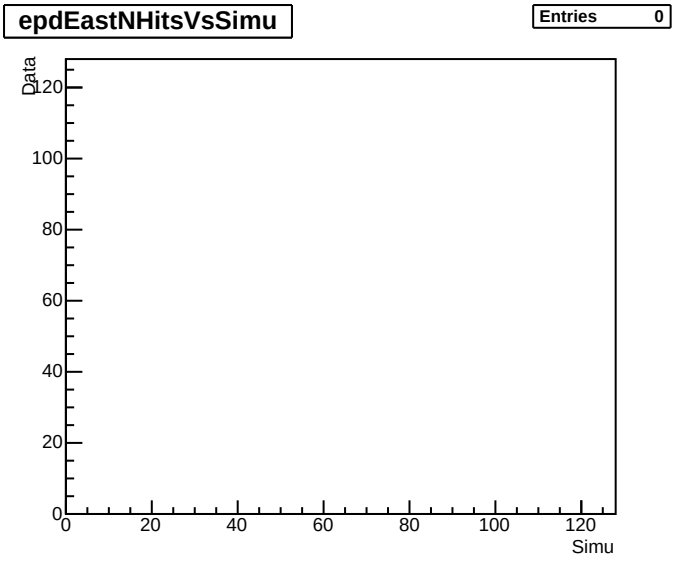

epdEastTac03
Entries 260049

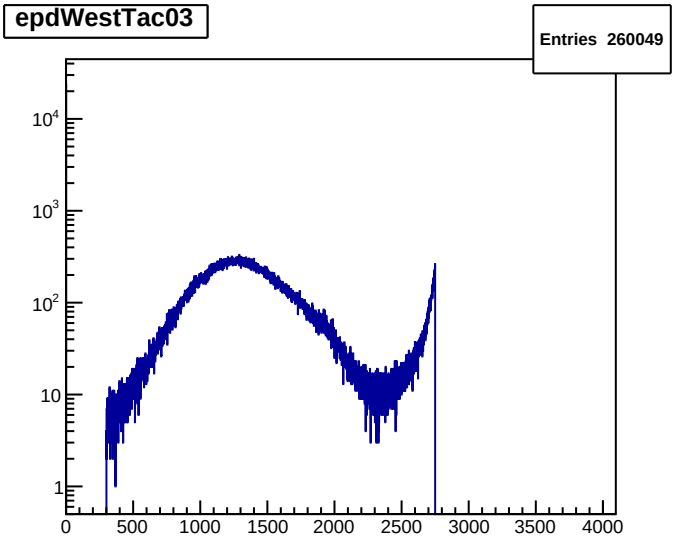

epdEastTac03VsSimu
Entries 0
Data
Simu

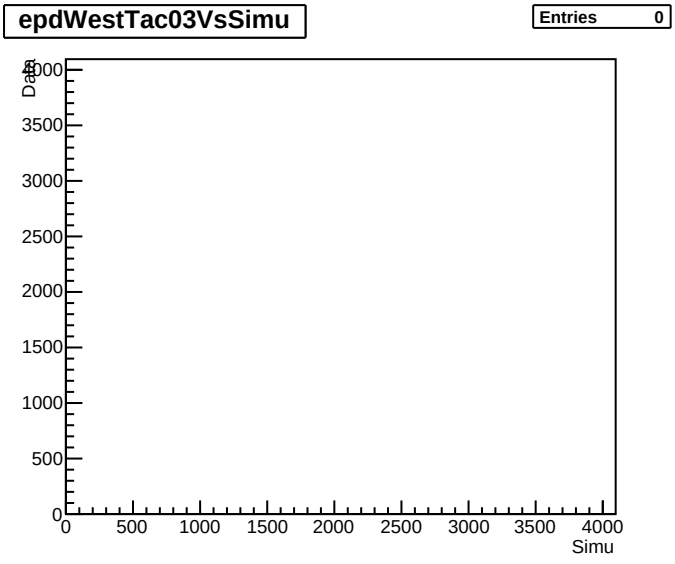

epdEastTac47
Entries 260049

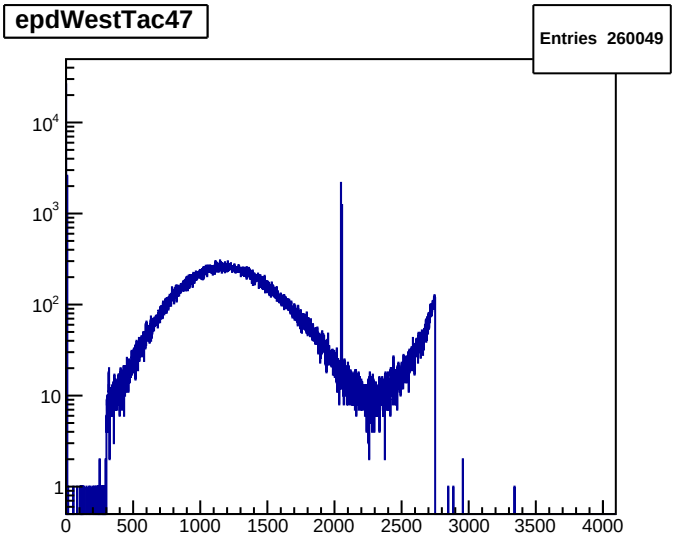

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 260049


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 260049


epdWestTac03VsSimu
Entries 0
Data
Simu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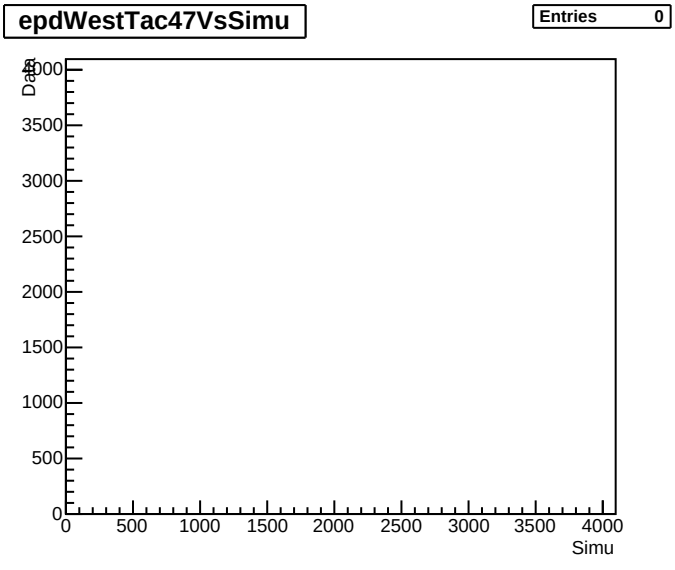
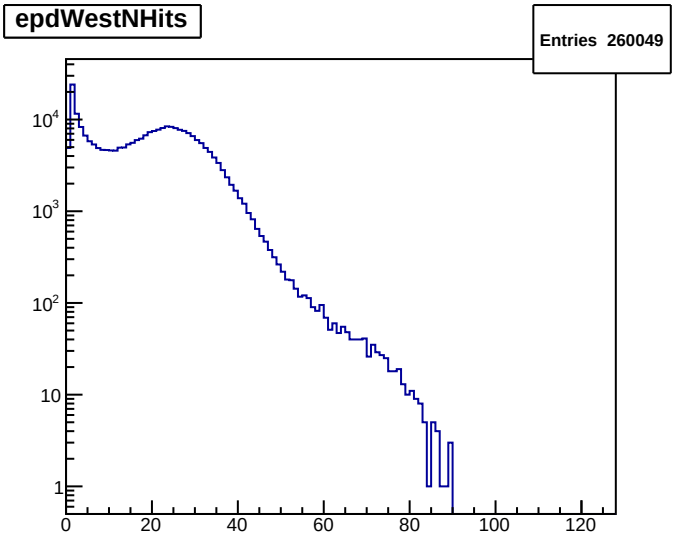
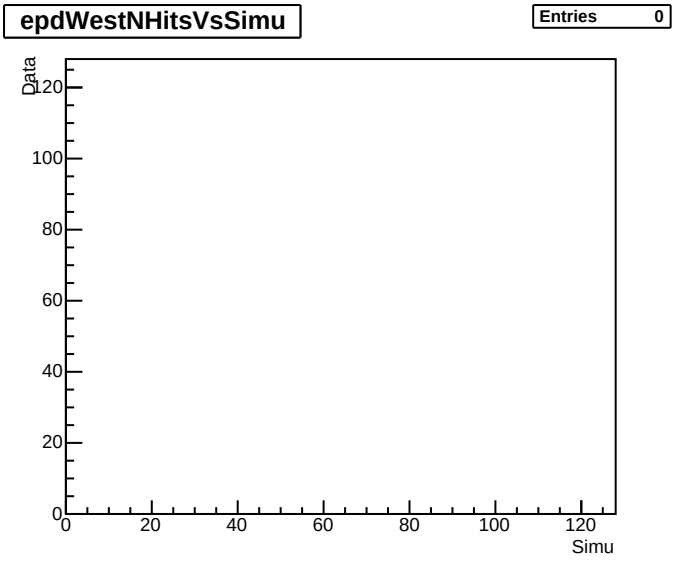
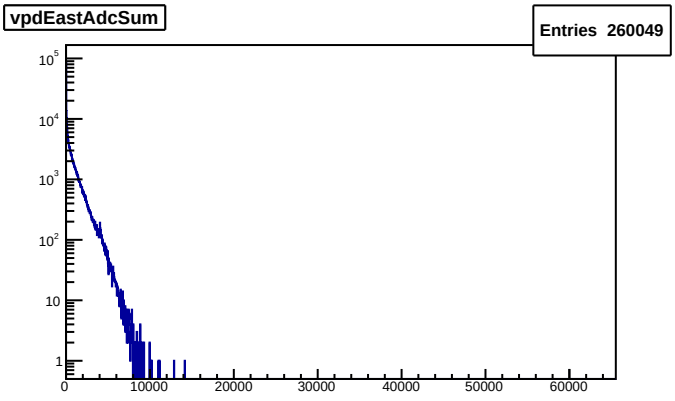
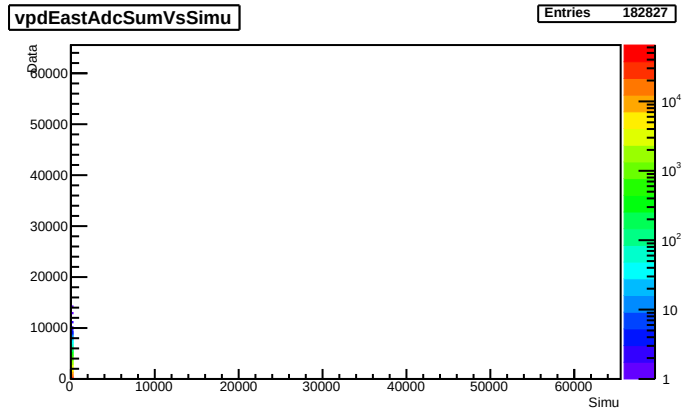
Entries 260049

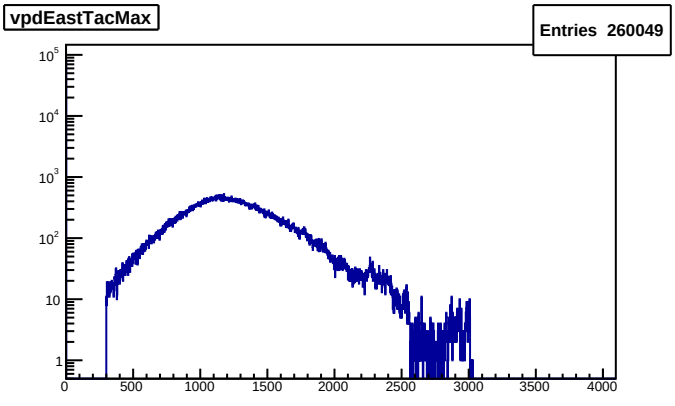

epdWestTac47VsSimu
Entries 0
Data
Simu

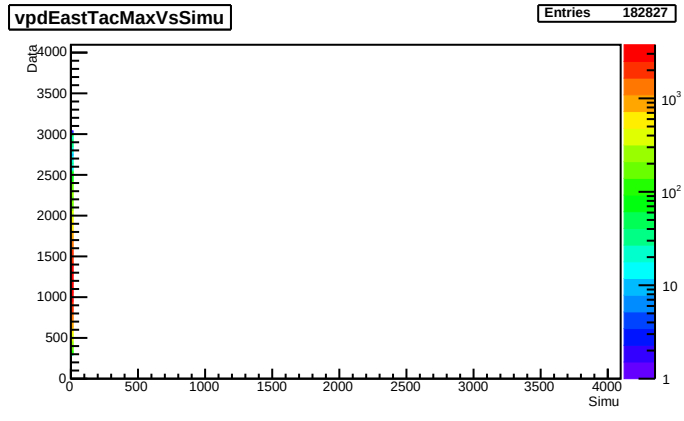

epdWestNHits
Entries 260049

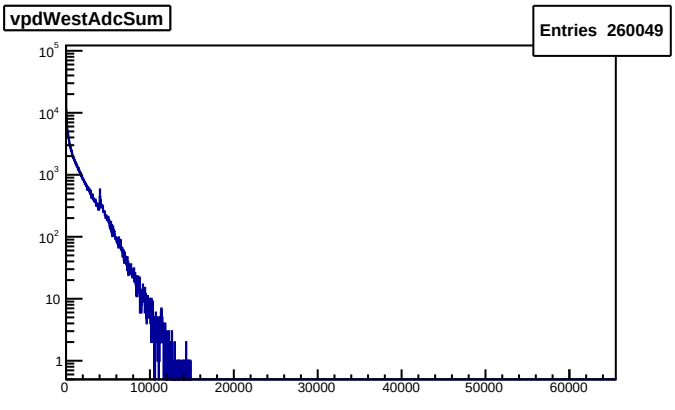

epdWestNHitsVsSimu
Entries 0
Data
Simu

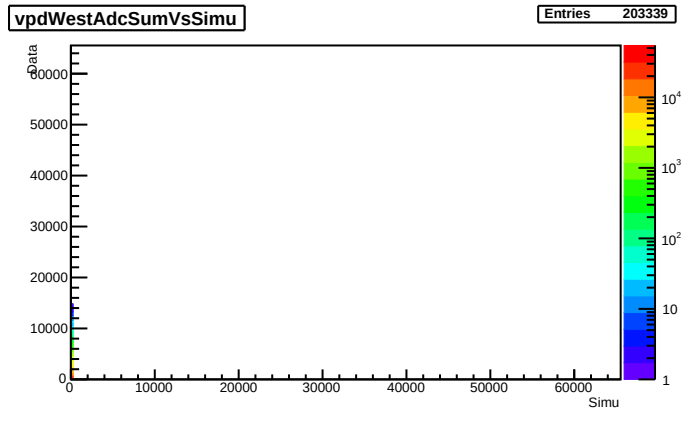

vpdEastAdcSum
Entries 260049

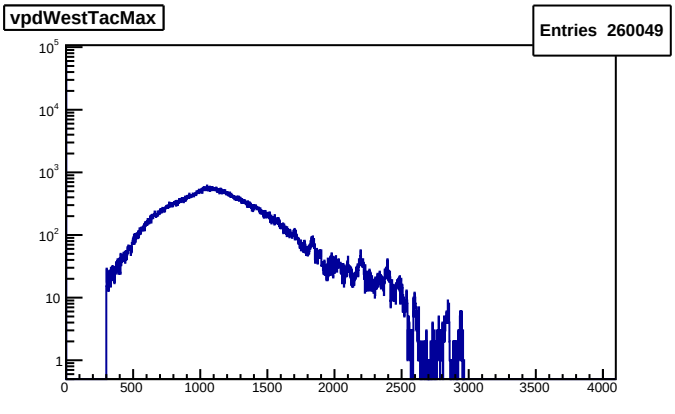

vpdEastAdcSumVsSimu
Entries 182827
Data
Simu

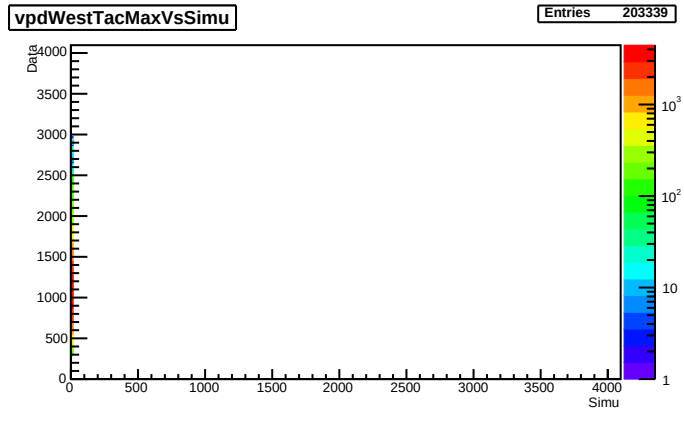

vpdEastTacMax
Entries 260049

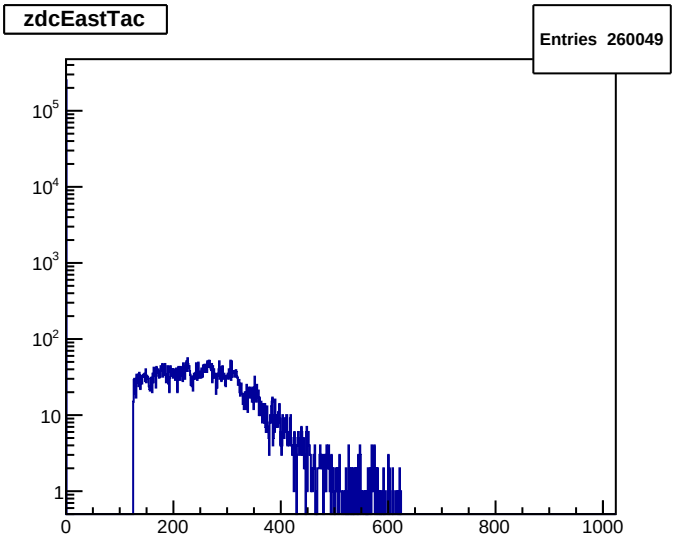

vpdEastTacMaxVsSimu
Entries 182827
Data
Simu

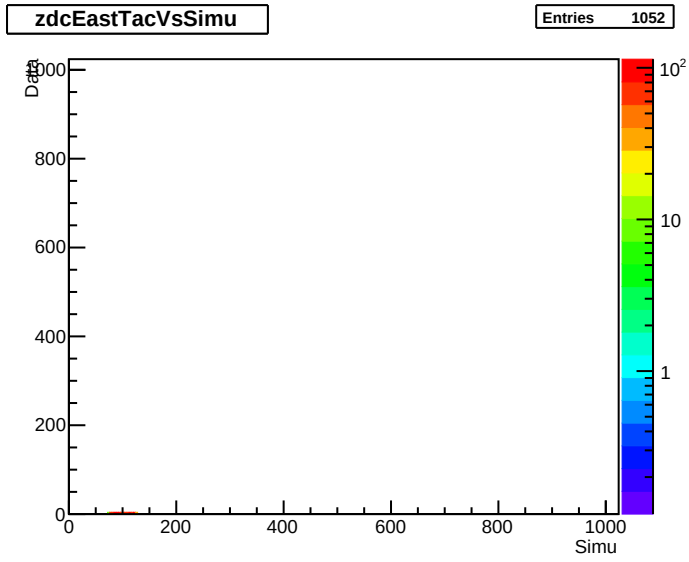

vpdWestAdcSum
Entries 260049

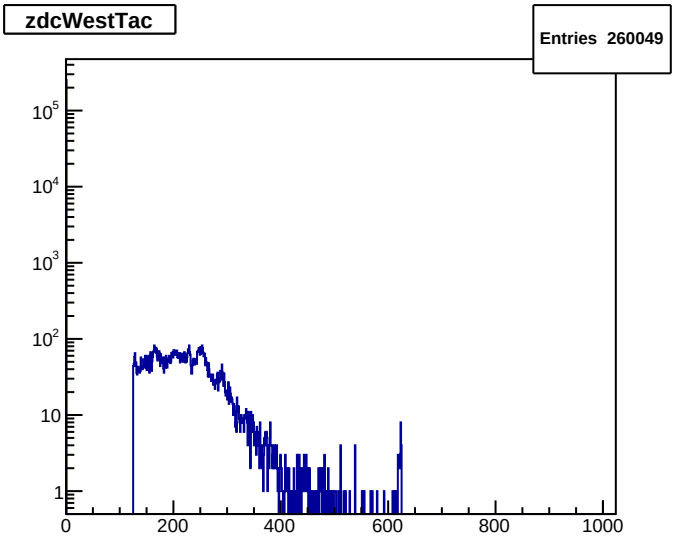

vpdWestAdcSumVsSimu
Entries 203339
Data
Simu

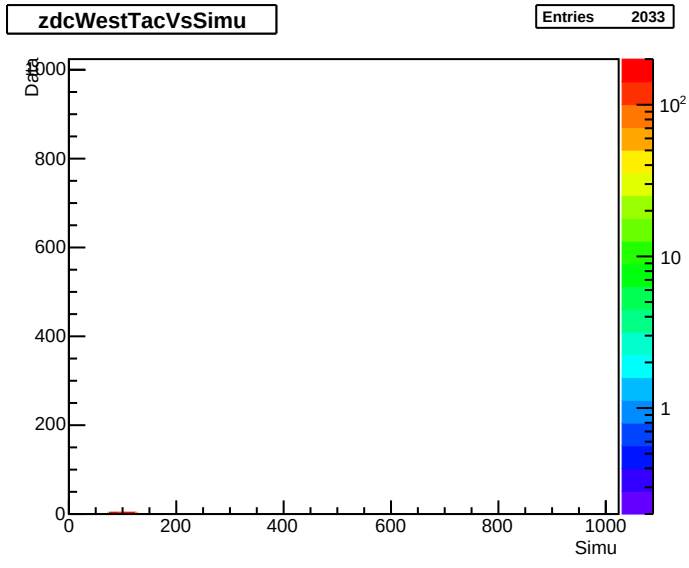

vpdWestTacMax
Entries 260049

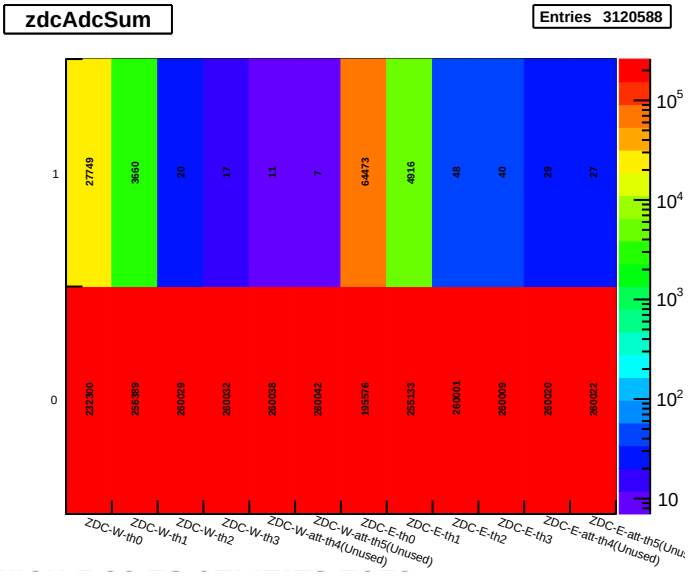

vpdWestTacMaxVsSimu
Entries 203339
Data
Simu

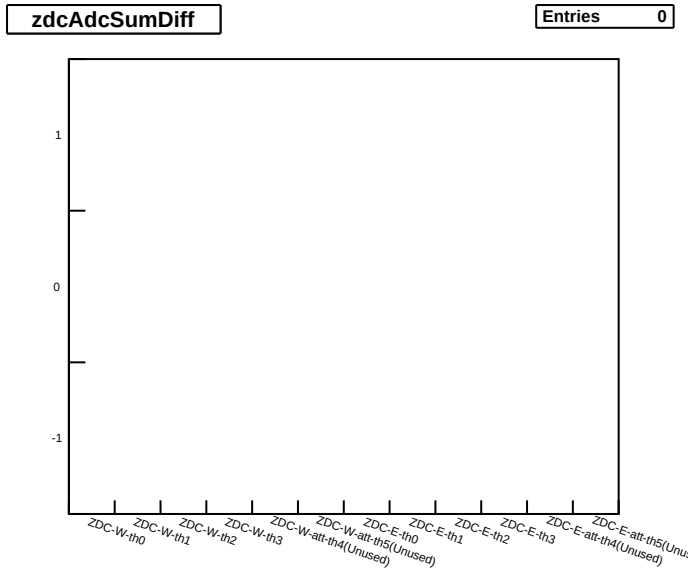

zdcEastTac
Entries 260049

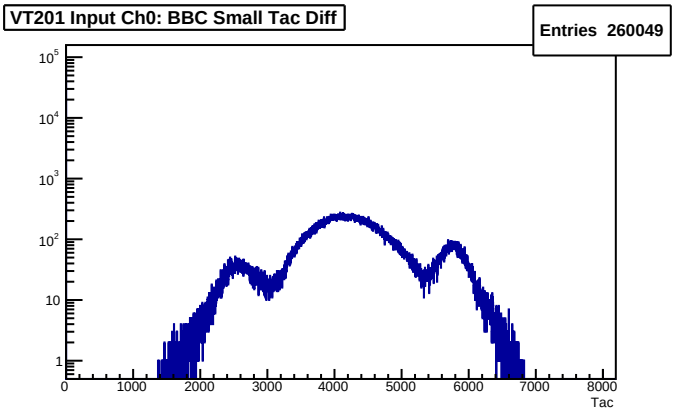

zdcEastTacVsSimu
Entries 1052
Data
Simu

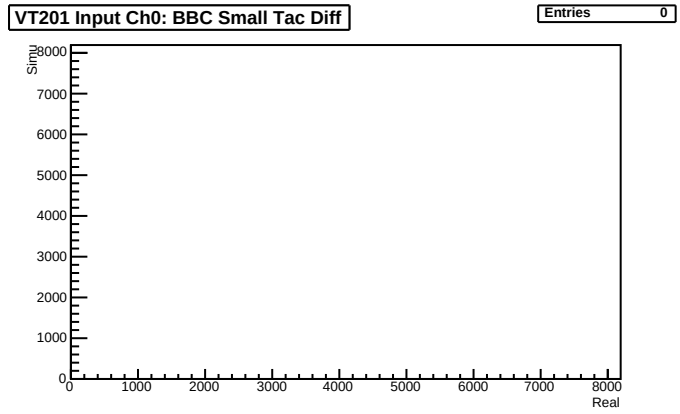

zdcWestTac
Entries 260049

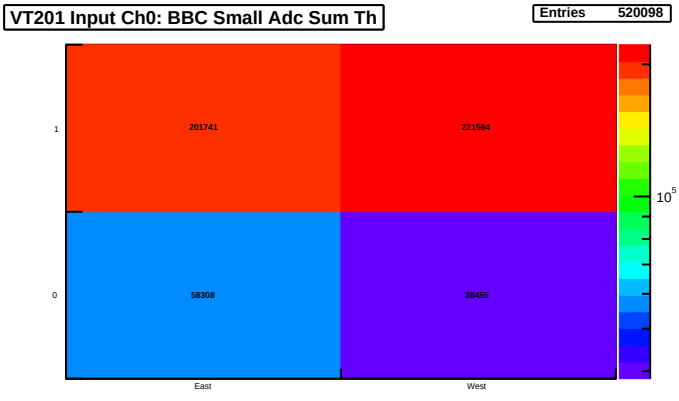

zdcWestTacVsSimu
Entries 2033
Data
Simu

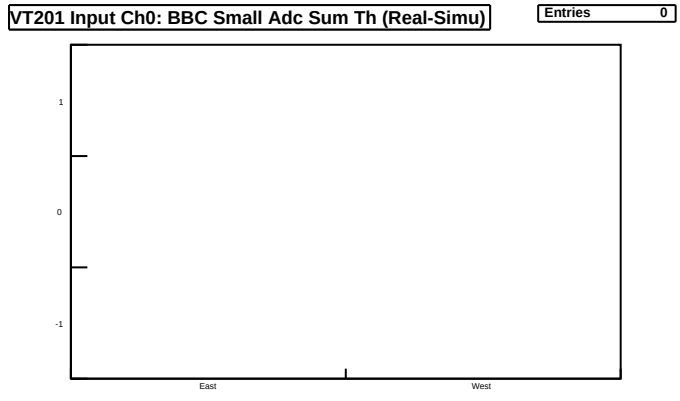

zdcAdcSum
Entries 3120588
27749
3660
20
17
11
7
64473
4916
48
40
29
27
232300
256389
260029
260032
260038
260042
195576
255133
260001
260009
260020
260022
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

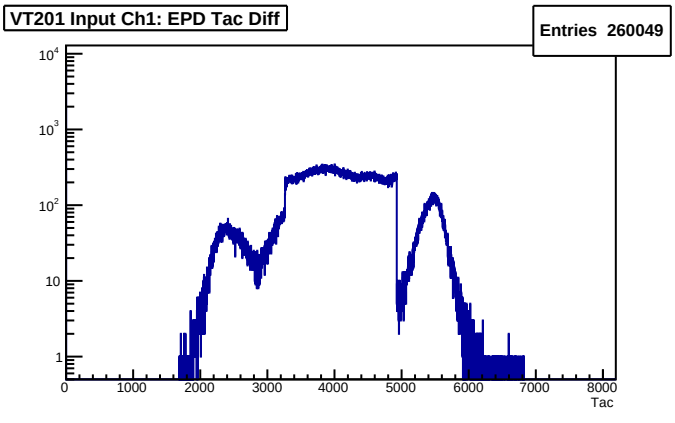

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

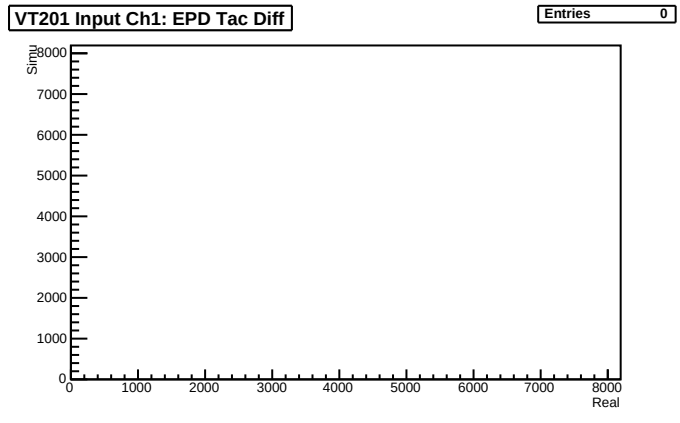

VT201 Input Ch0: BBC Small Tac Diff
Entries 260049
Tac

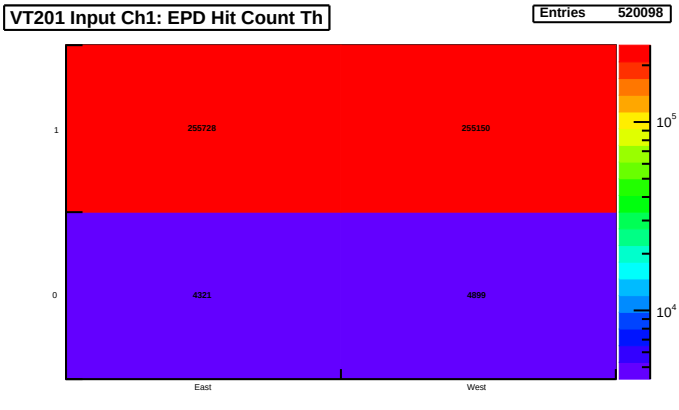

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

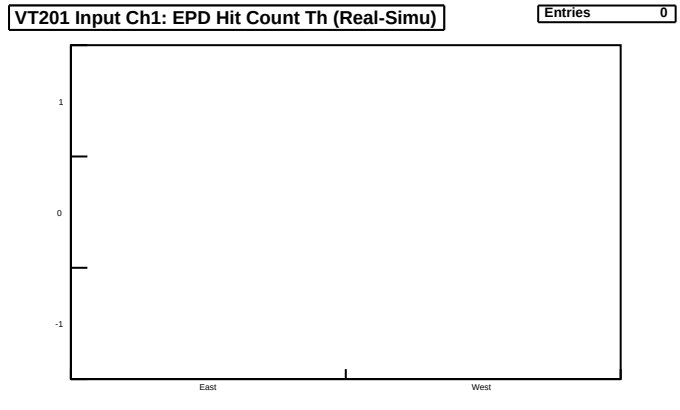

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 520098
201741
221594
58308
38455
East
West

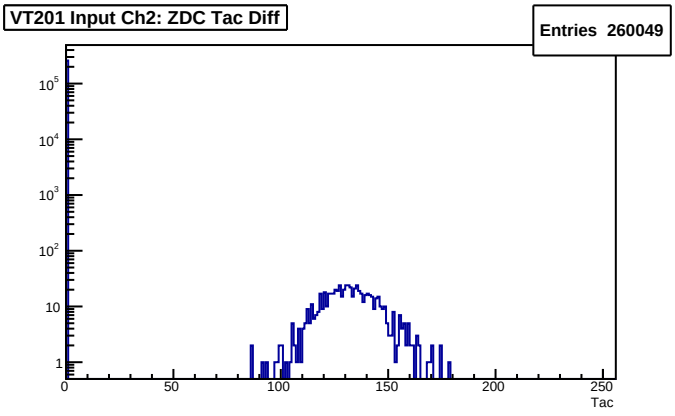

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

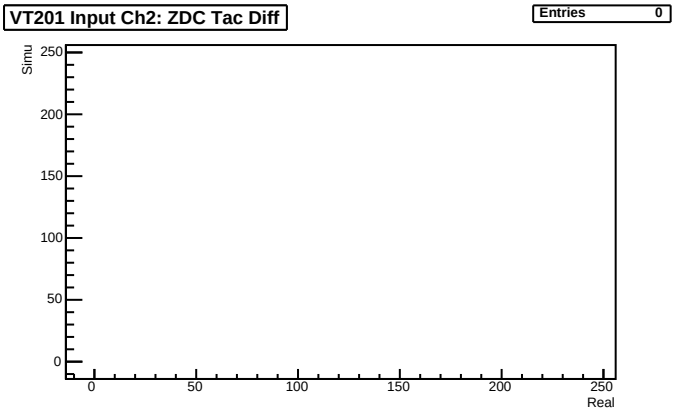

VT201 Input Ch1: EPD Tac Diff
Entries 260049
Tac

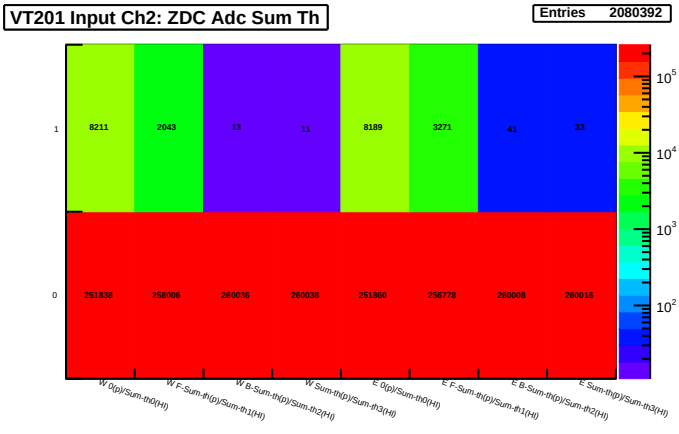

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

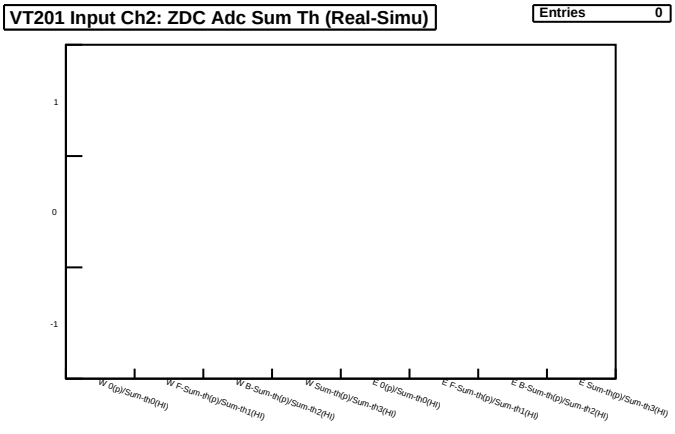

VT201 Input Ch1: EPD Hit Count Th
Entries 520098
255728
255150
4321
4899
East
West

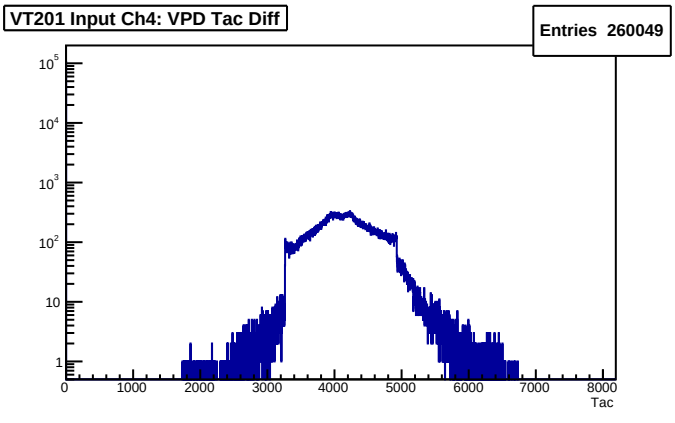

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

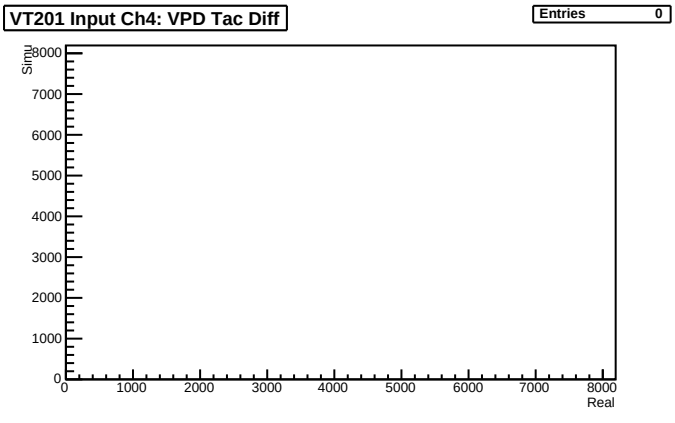

VT201 Input Ch2: ZDC Tac Diff
Entries 260049
Tac

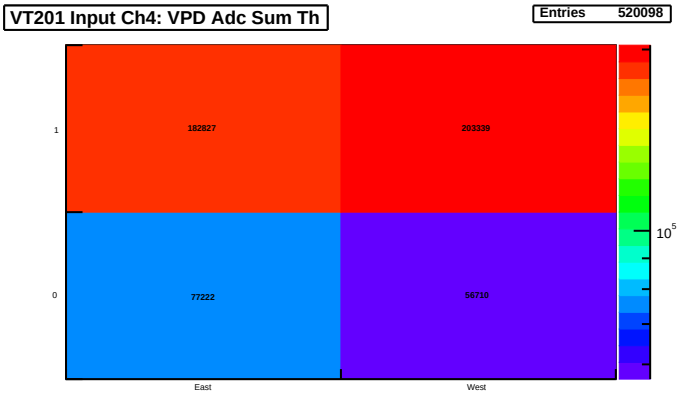

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

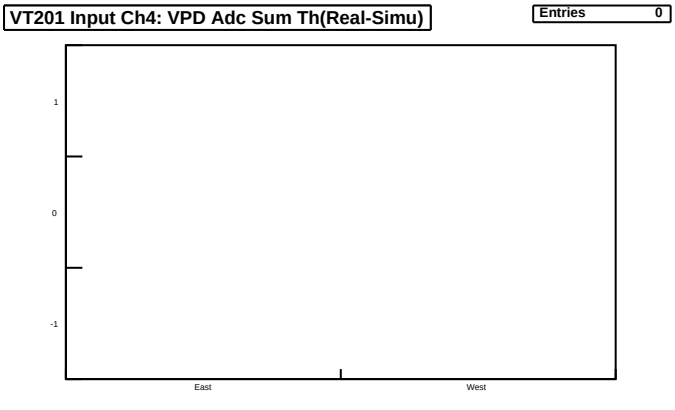

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2080392
8211
2043
13
11
8189
3271
41
33
251838
258006
260036
260038
251860
256778
260008
260016
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

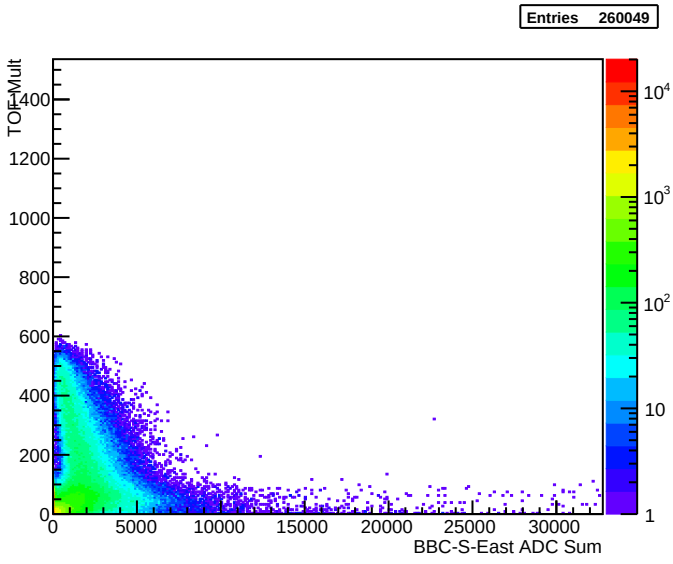

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

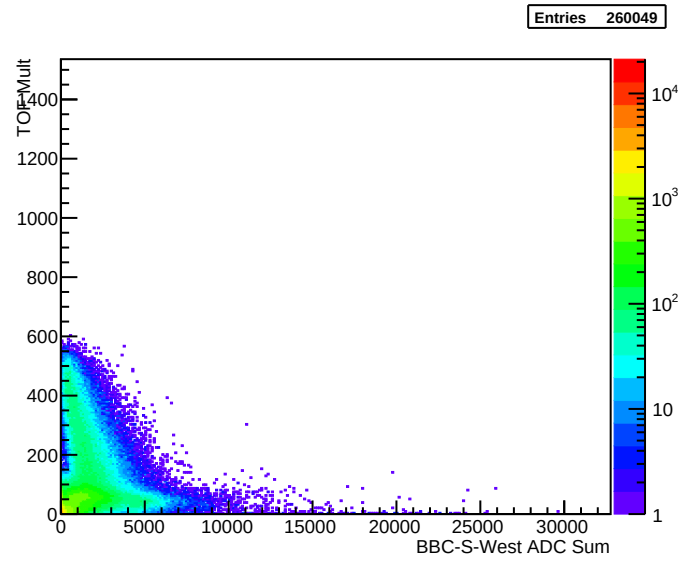

VT201 Input Ch4: VPD Tac Diff
Entries 260049
Tac

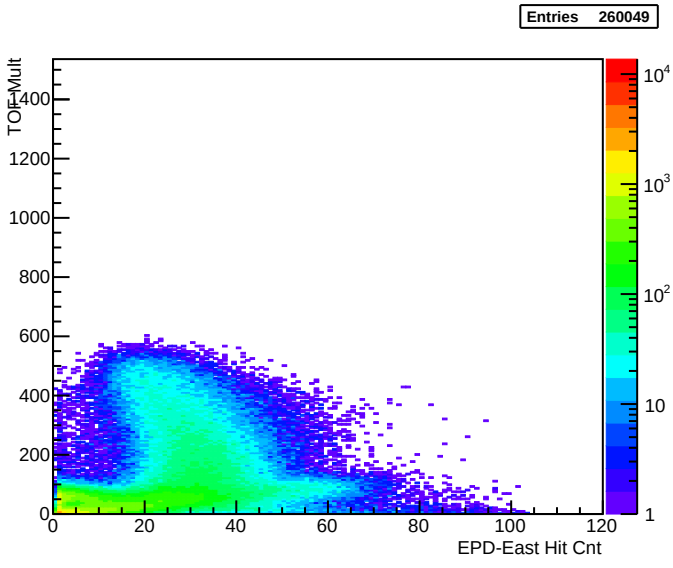

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

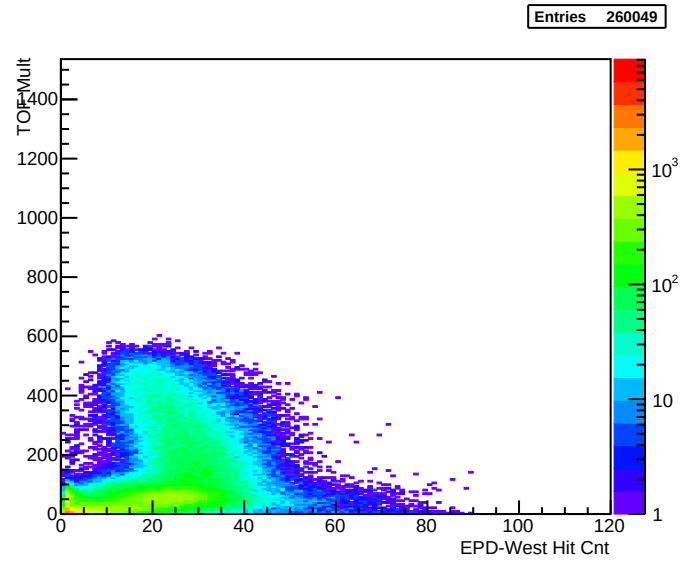

VT201 Input Ch4: VPD Adc Sum Th
Entries 520098
182827
203339
77222
56710
East
West

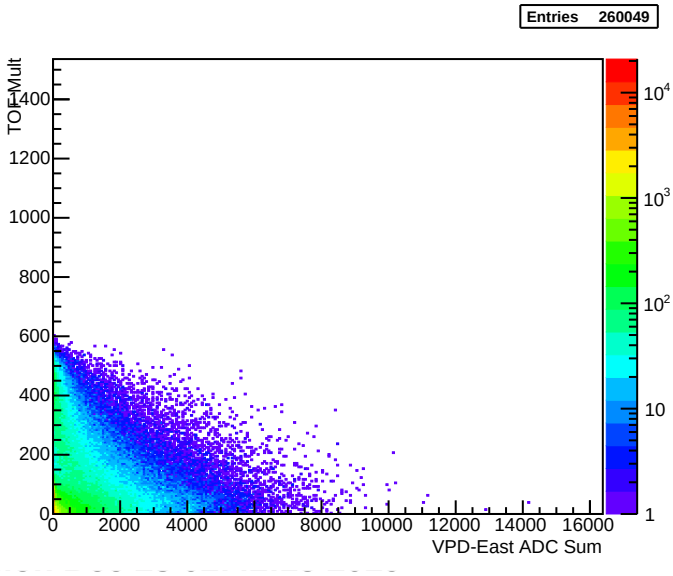

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

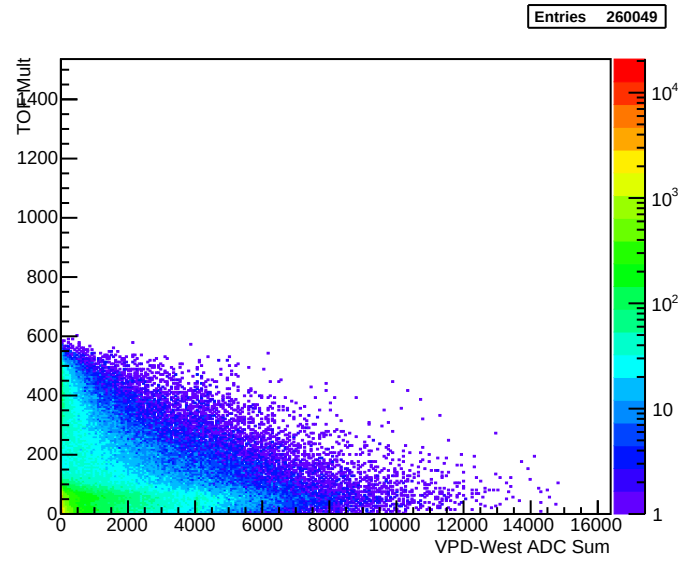

Entries 260049
TOF-Mult
BBC-S-East ADC Sum

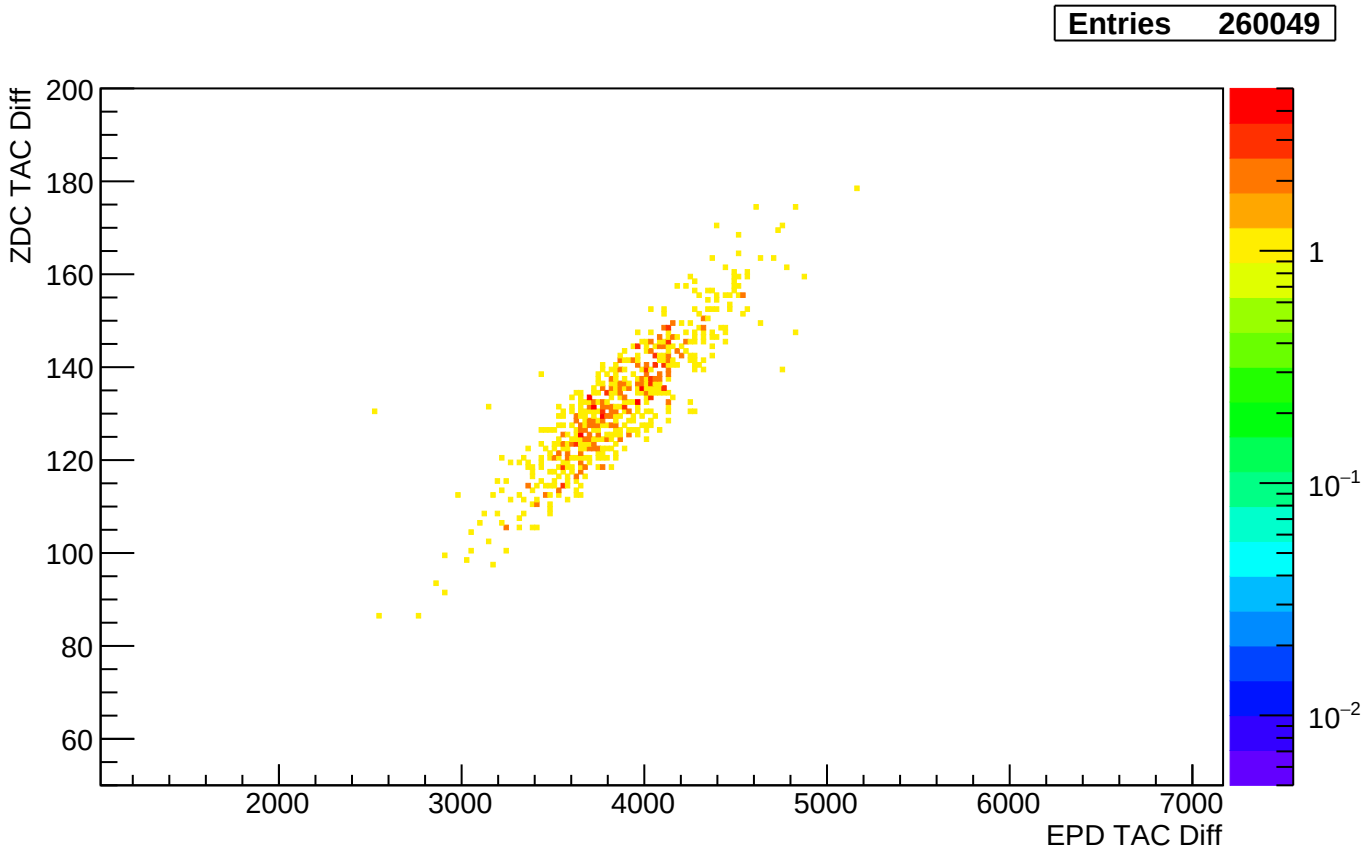

Entries 260049
TOF-Mult
BBC-S-West ADC Sum

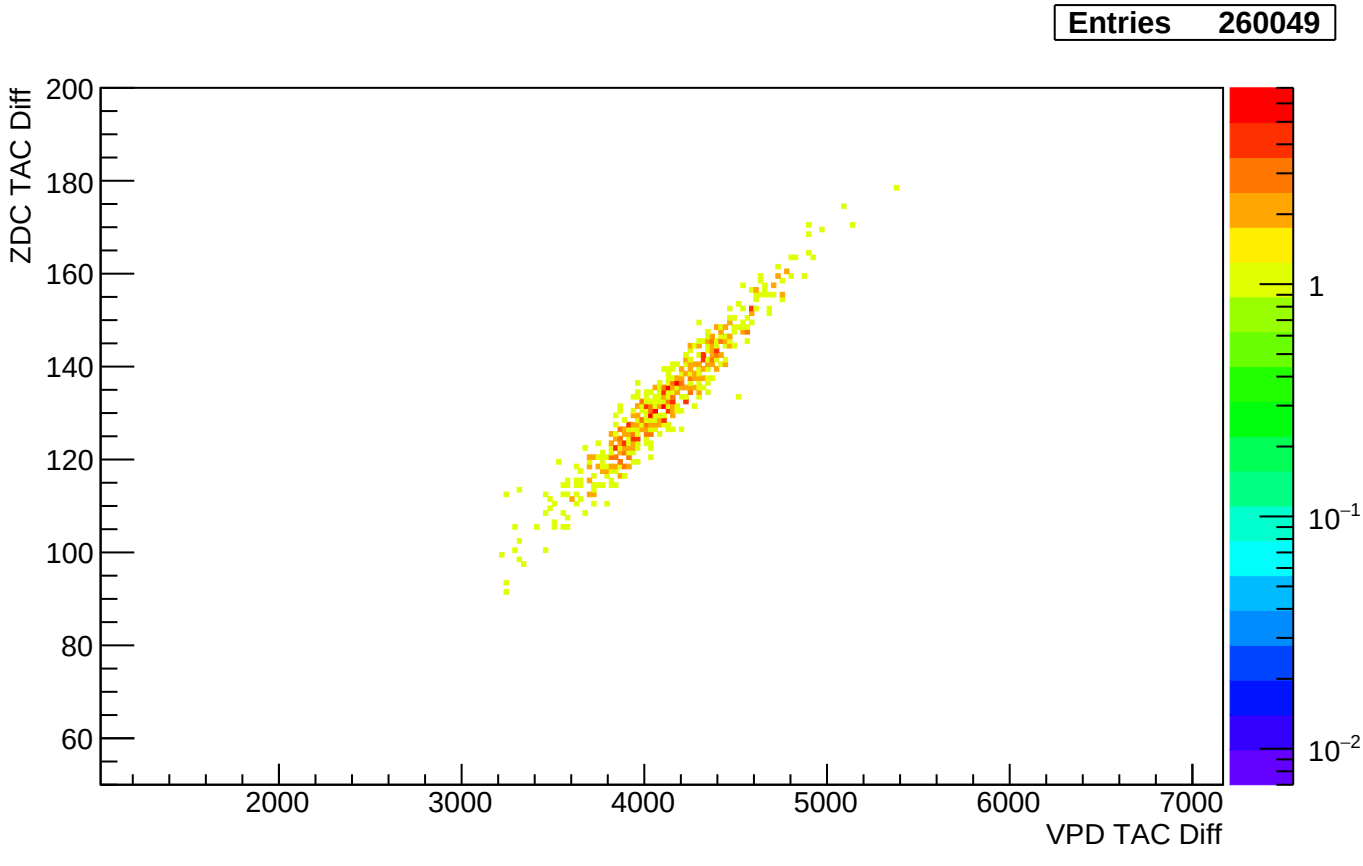

Entries 260049
TOF-Mult
EPD-East Hit Cnt

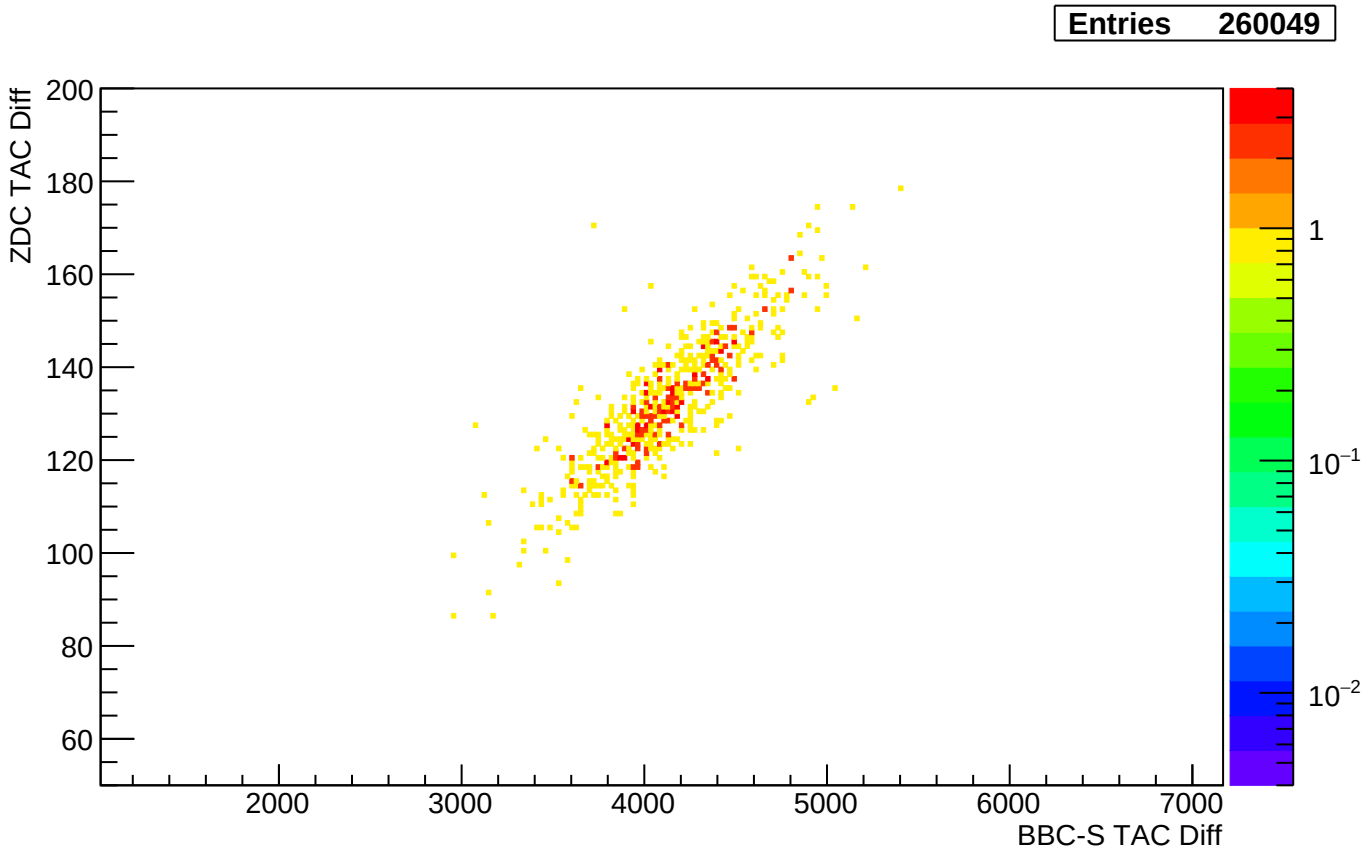

Entries 260049
TOF-Mult
EPD-West Hit Cnt

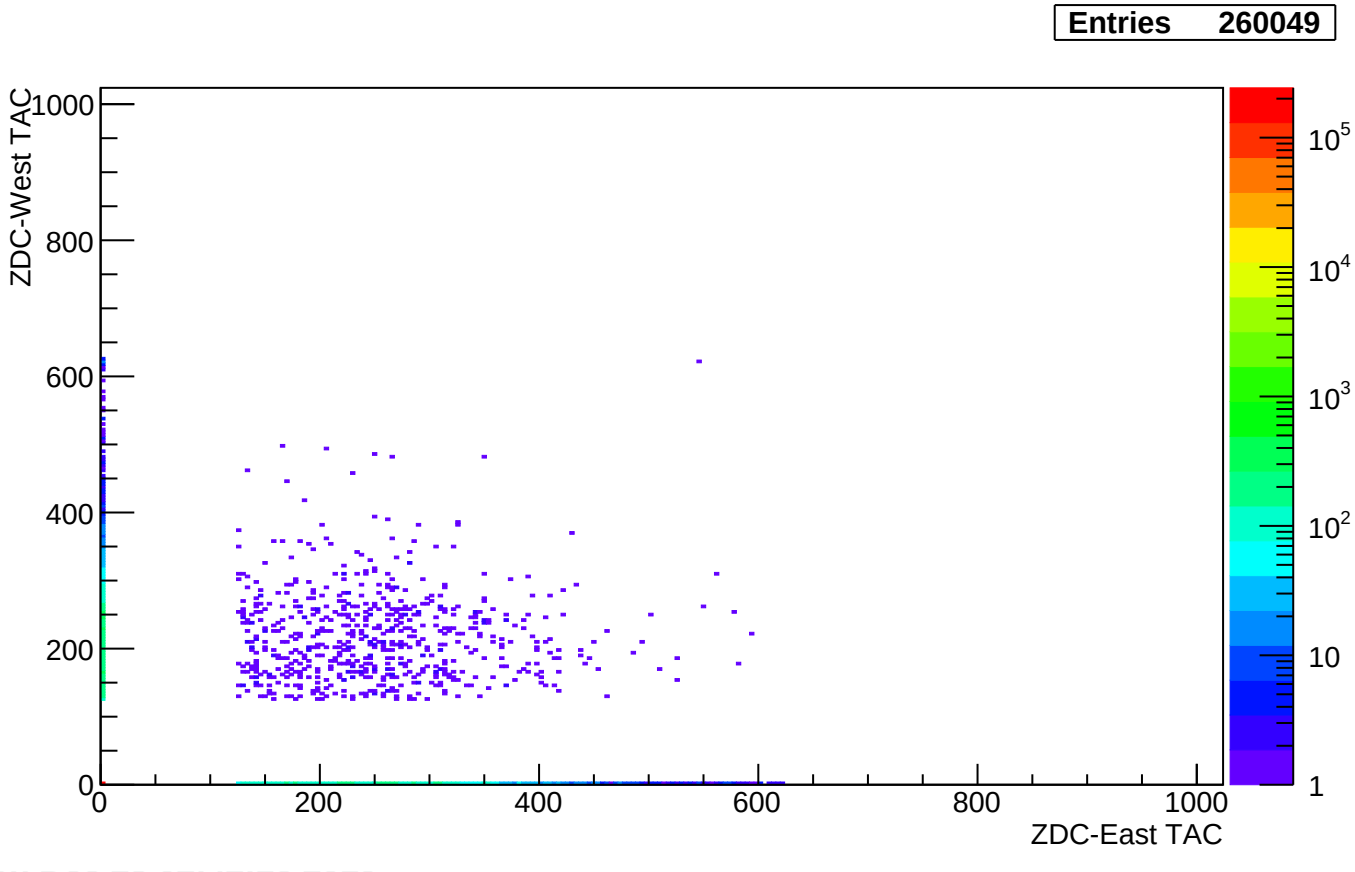

Entries 260049
TOF-Mult
VPD-East ADC Sum

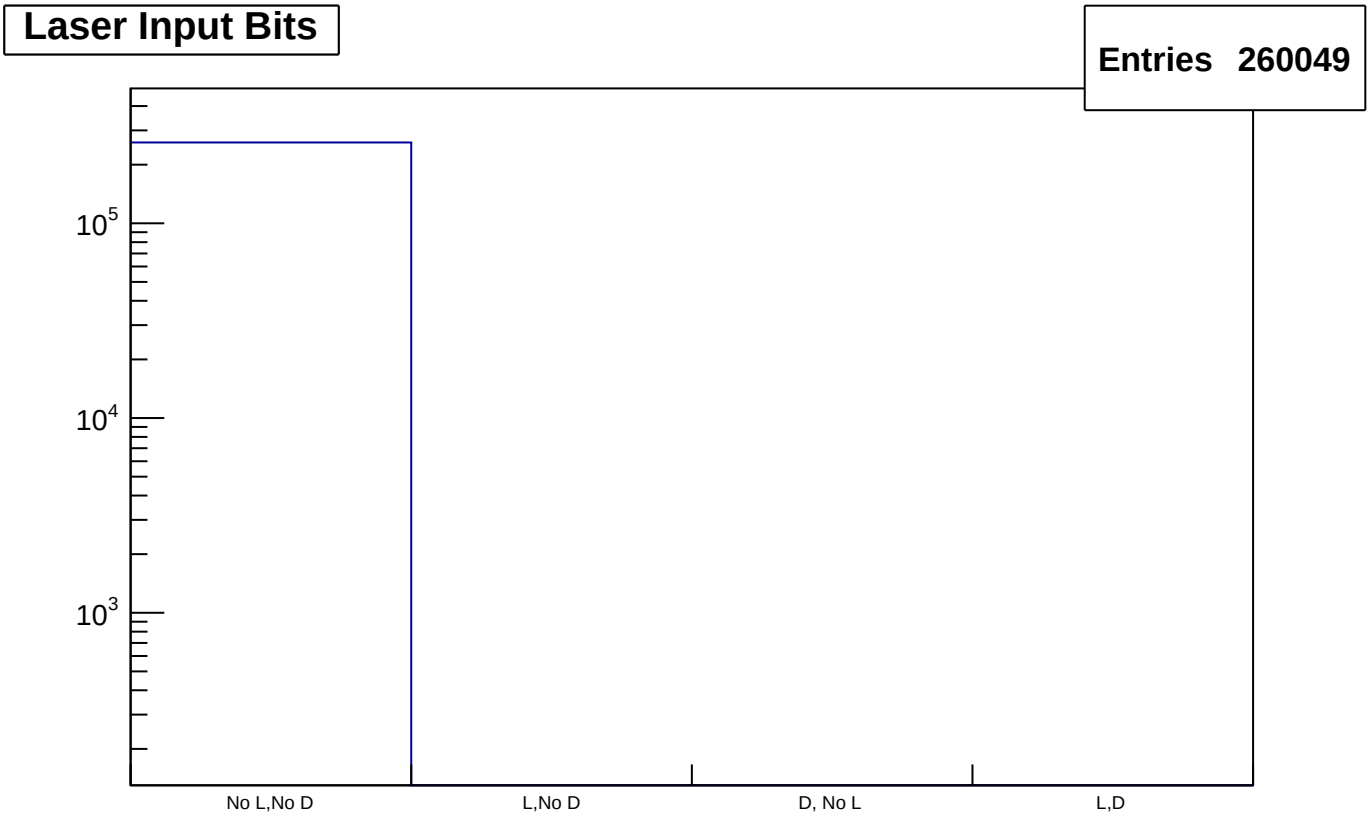

Entries 260049
TOF-Mult
VPD-West ADC Sum

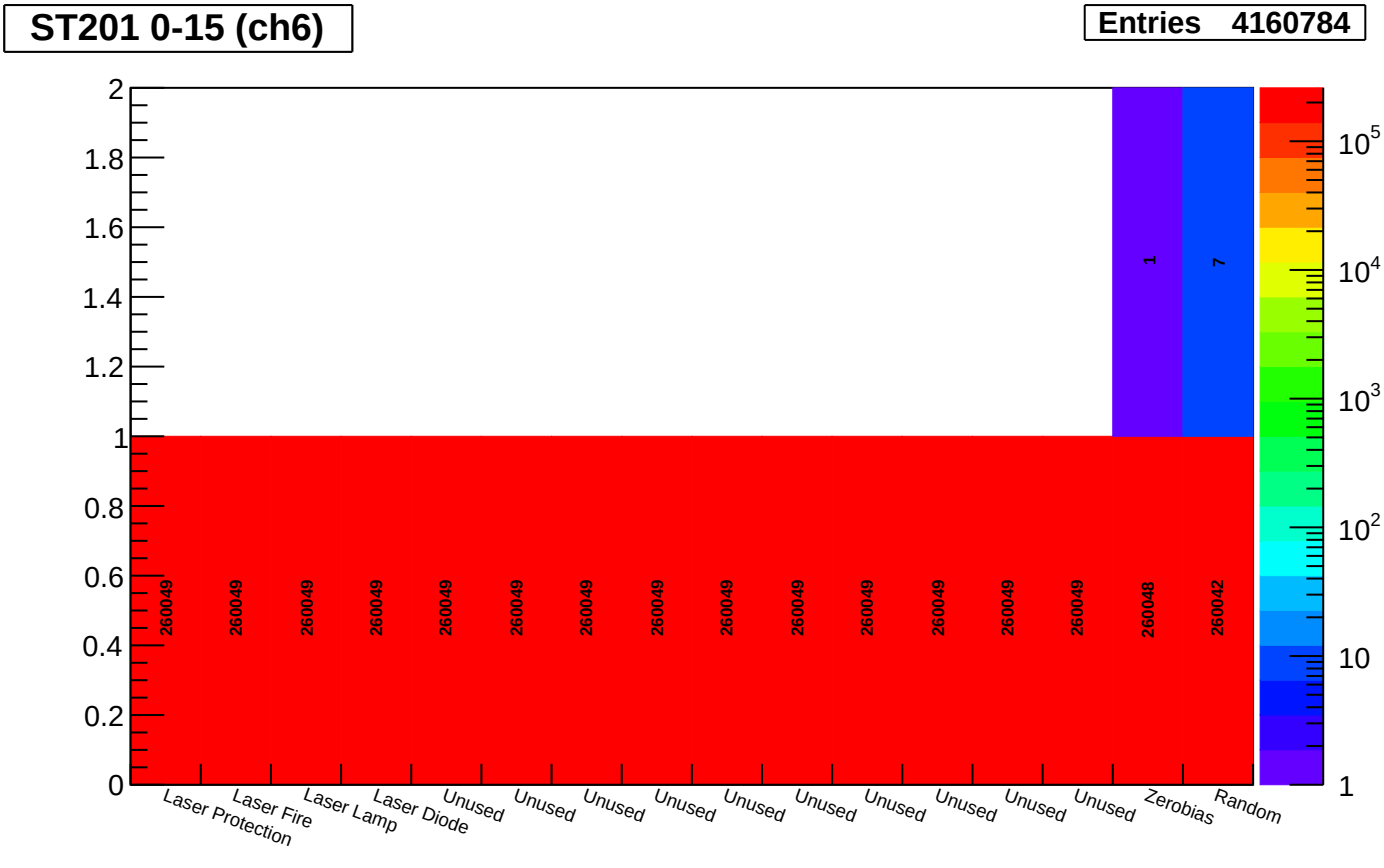

Entries 260049
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

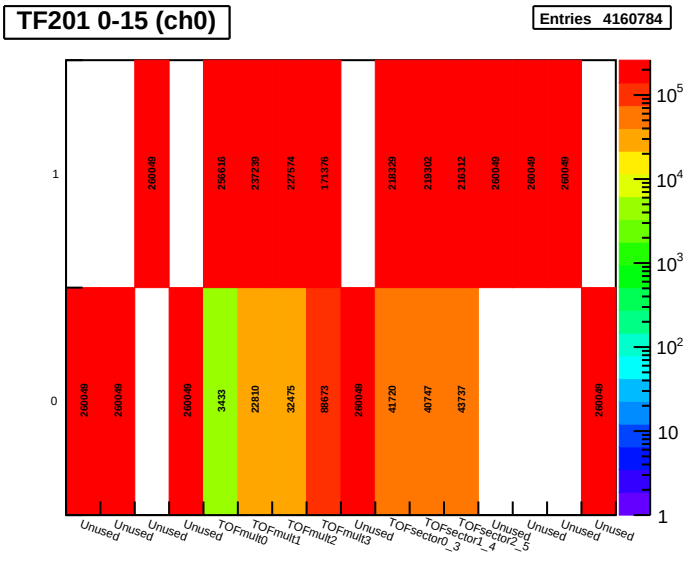

Entries 260049
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

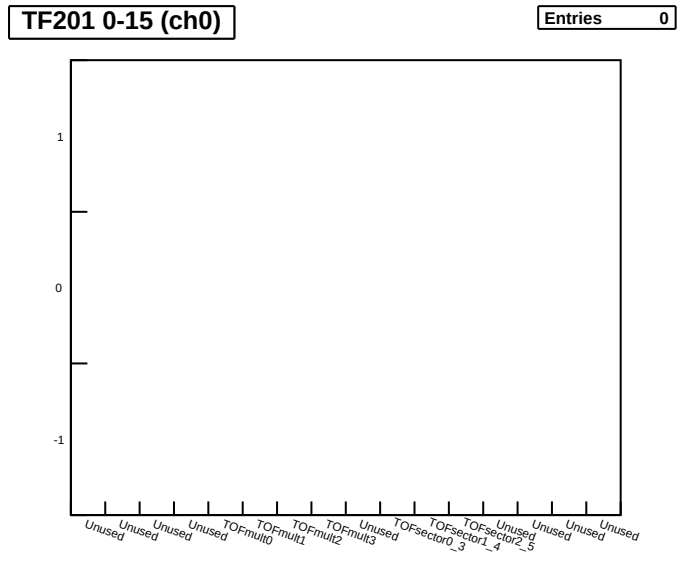

Entries 260049
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

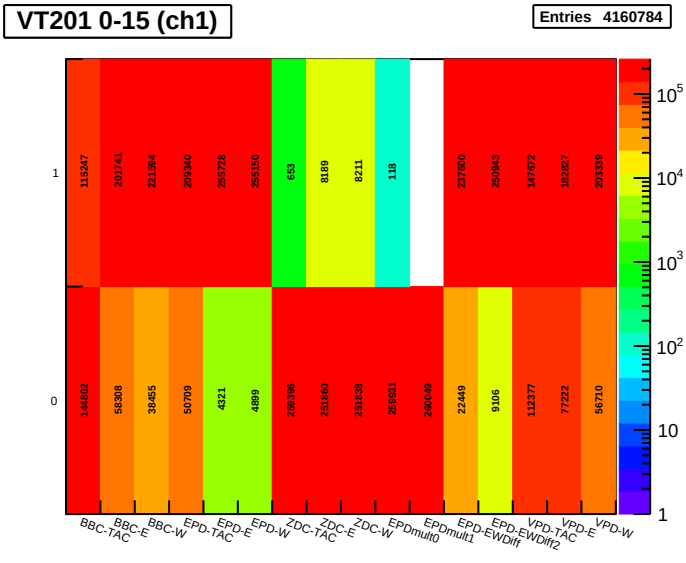

Entries 260049
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

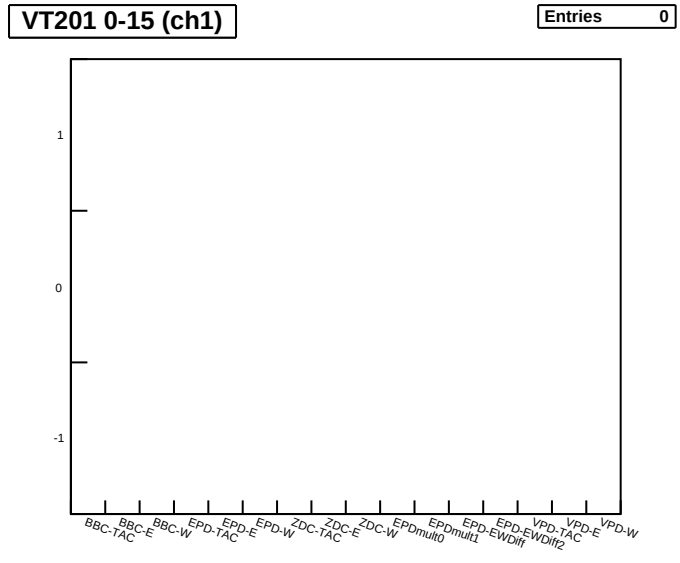

Laser Input Bits
Entries 260049
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

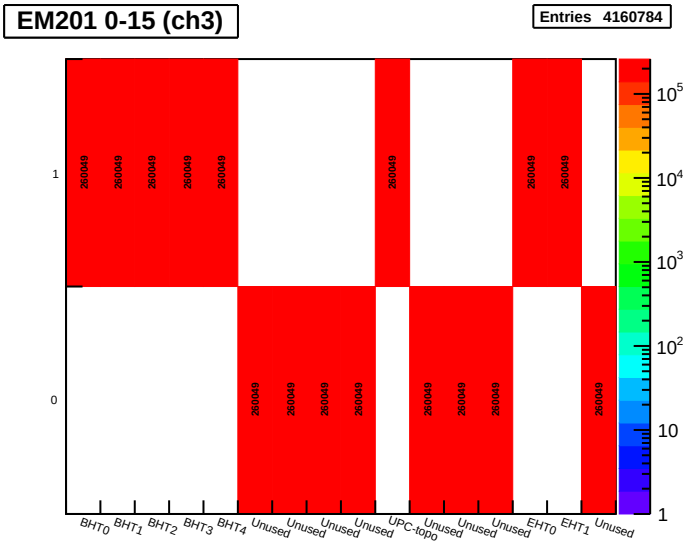

ST201 0-15 (ch6)
Entries 4160784
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
260049
260049
260049
260049
260049
260049
260049
260049
260049
260049
260049
260049
260049
260049
260048
260042
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

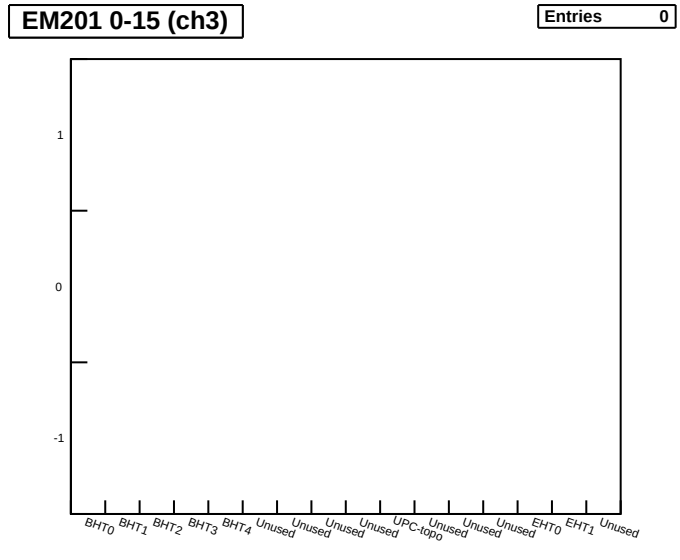

TF201 0-15 (ch0)
Entries 4160784
1
0
260049 260049 260049 260049 256616 237239 227574 171376 218329 219302 218312 260049 260049 260049
260049 260049 260049 3433 22810 32475 88673 260049 41720 40747 43737 260049
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4160784
1
0
115247 201741 221594 209340 255728 255150 653 8189 8211 118 237600 250943 147672 182827 203339
144802 58308 38455 50709 4221 4899 259396 253860 251838 259931 260049 22449 9106 112377 77222 56710
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 4160784
1
0
260049 260049 260049 260049 260049 260049 260049
260049 260049 260049 260049 260049 260049 260049 260049
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