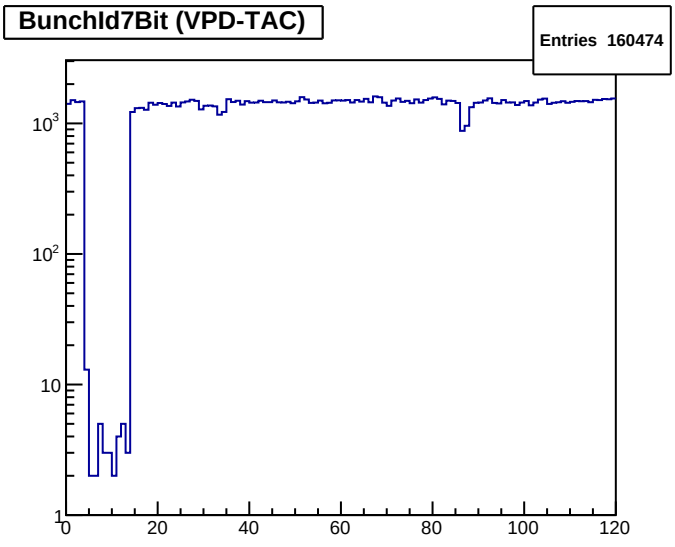
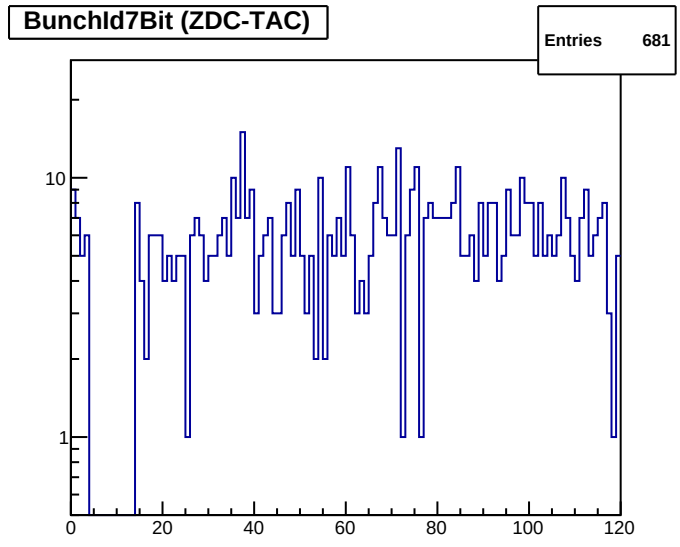
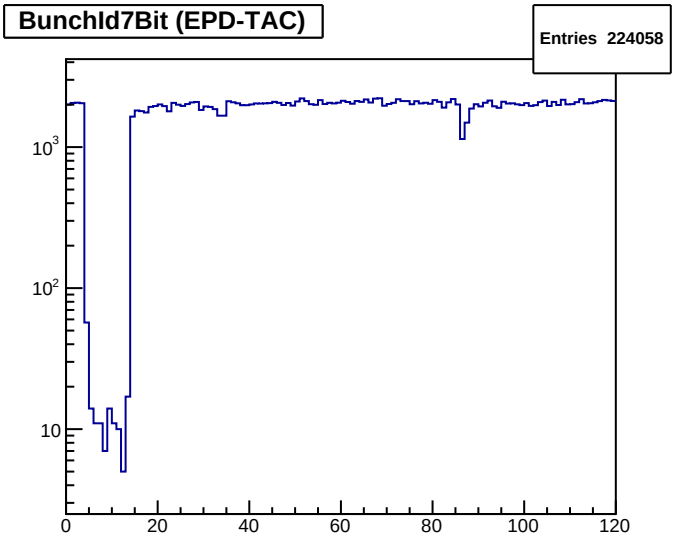
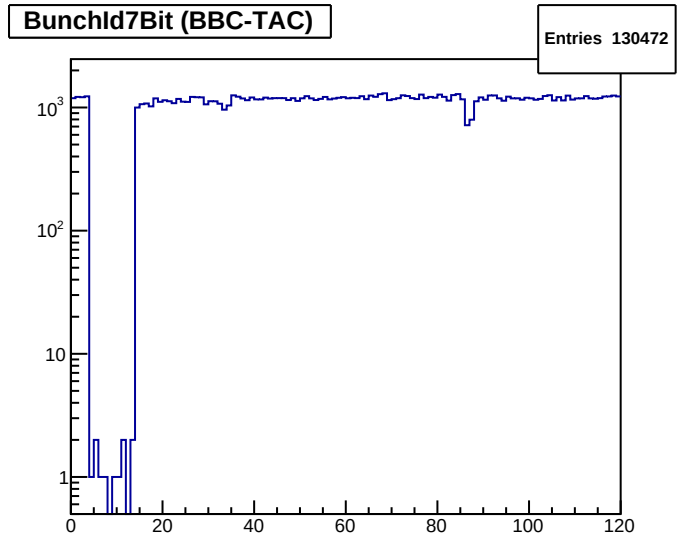
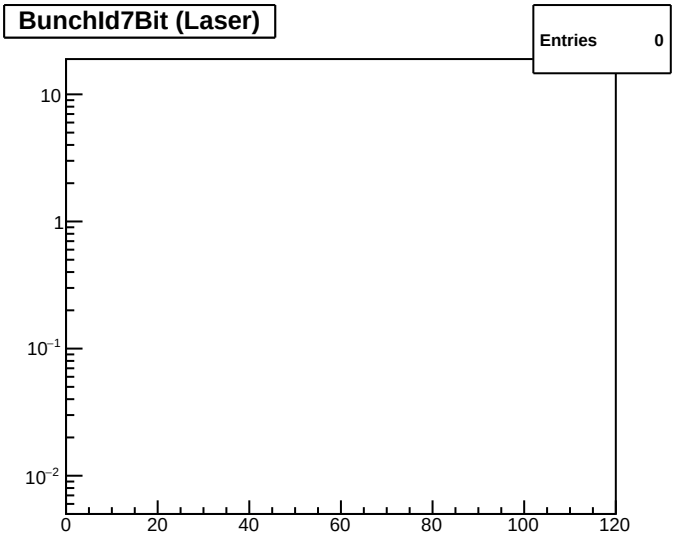
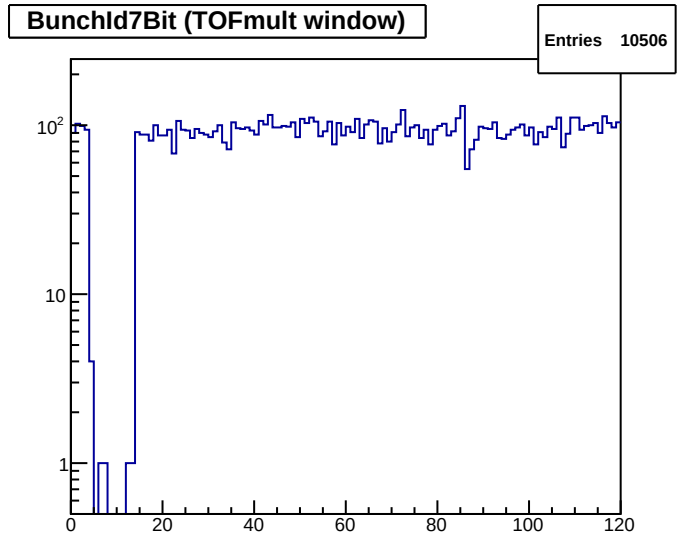

BunchId7Bit (VPD-TAC)
Entries 160474

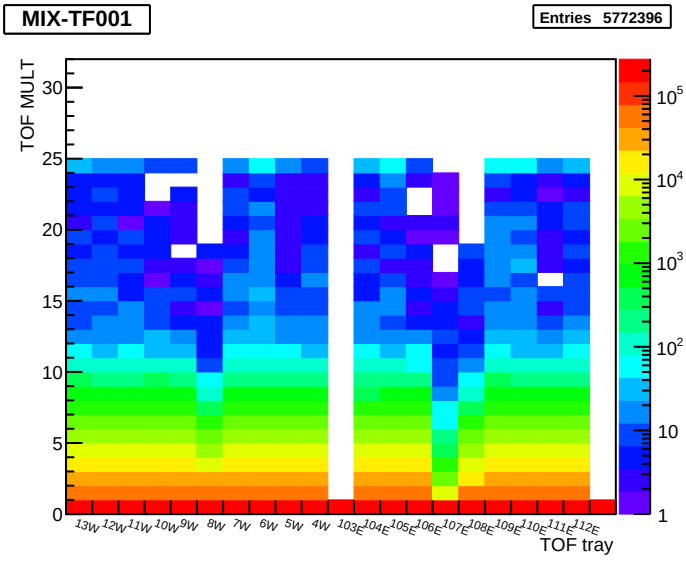

BunchId7Bit (ZDC-TAC)
Entries 681

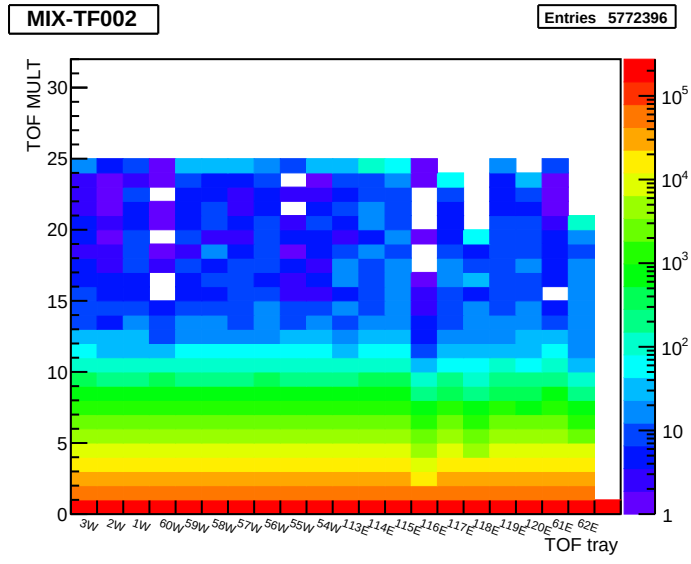

BunchId7Bit (EPD-TAC)
Entries 224058

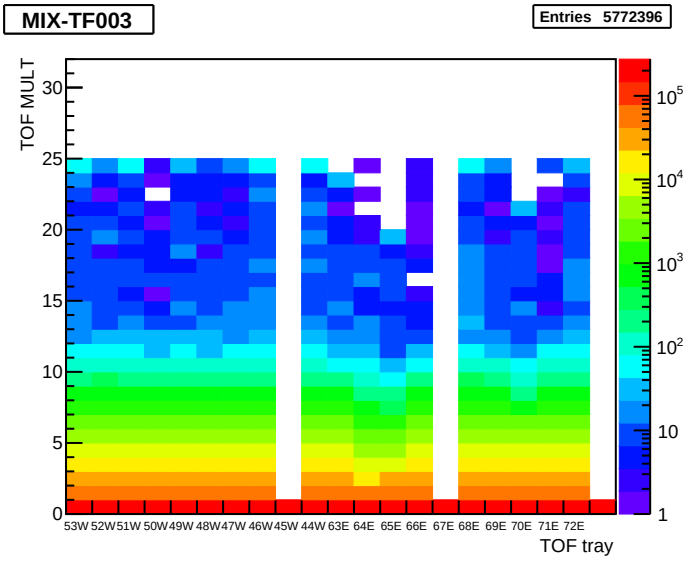

BunchId7Bit (BBC-TAC)
Entries 130472

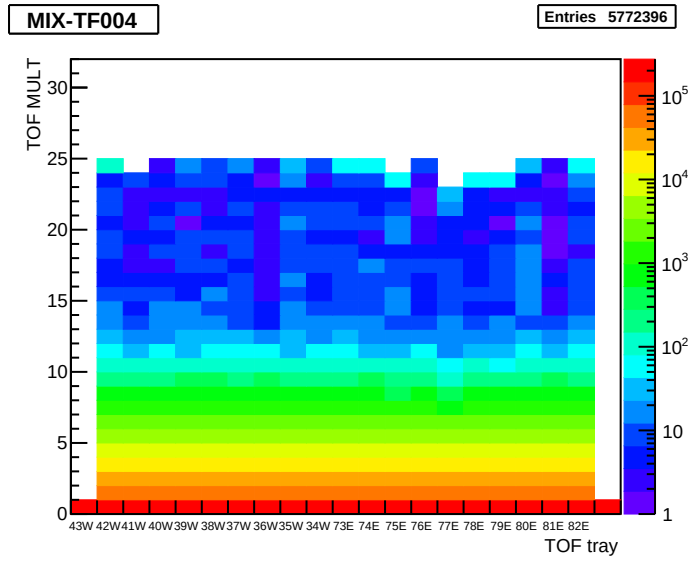

BunchId7Bit (Laser)
Entries 0

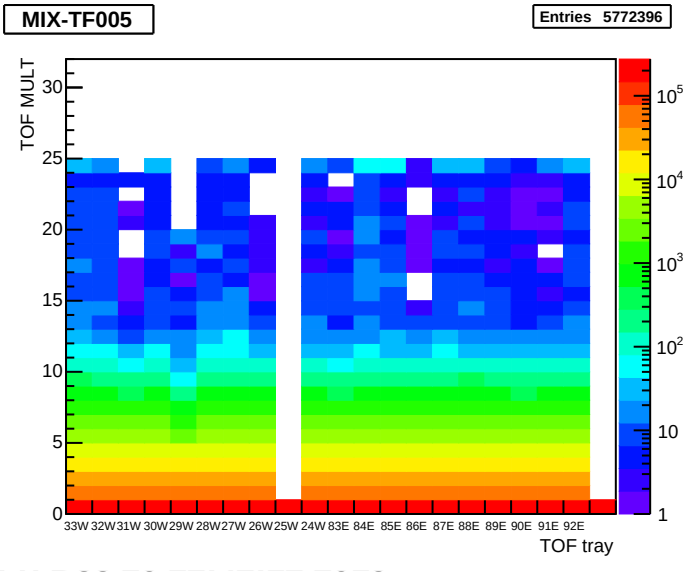

BunchId7Bit (TOFmult window)
Entries 10506

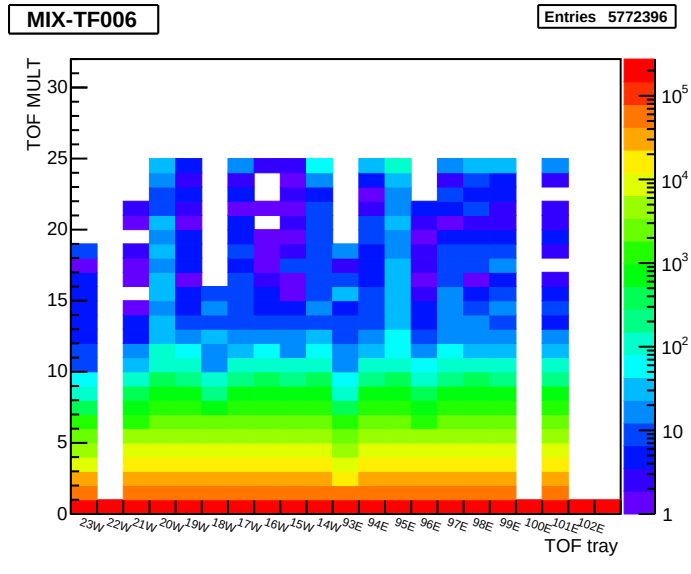

MIX-TF001
Entries 5772396
TOF MULT
TOF tray

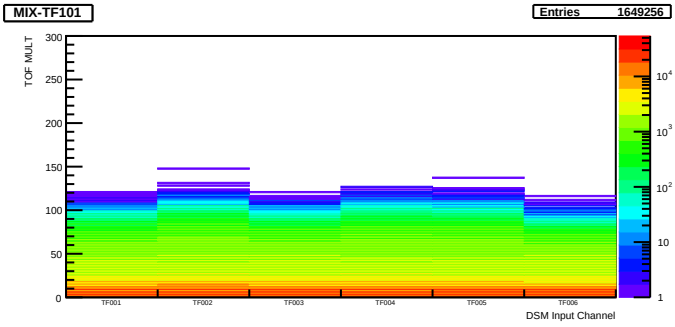

MIX-TF002
Entries 5772396
TOF MULT
TOF tray

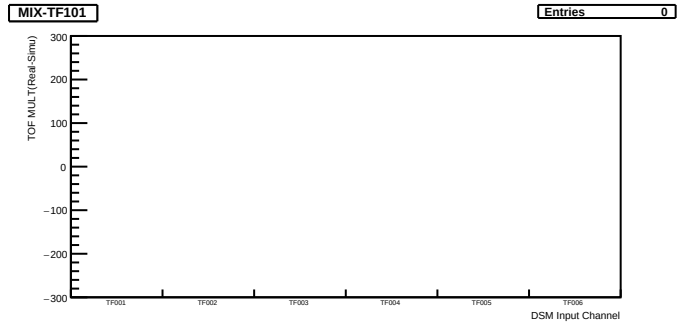

MIX-TF003
Entries 5772396
TOF MULT
TOF tray

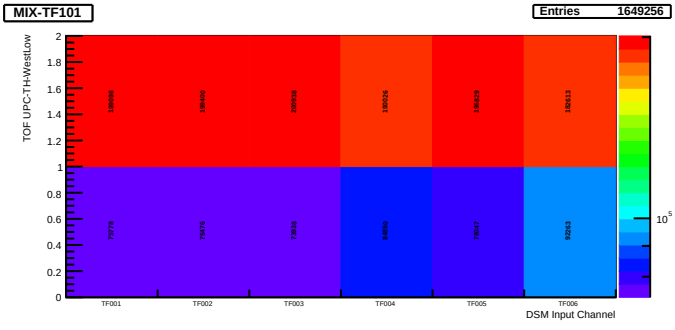

MIX-TF004
Entries 5772396
TOF MULT
TOF tray

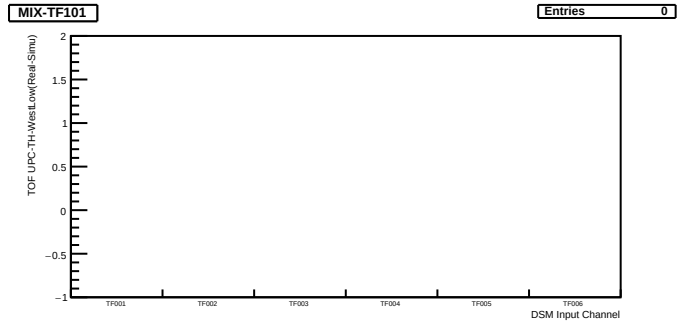

MIX-TF005
Entries 5772396
TOF MULT
TOF tray

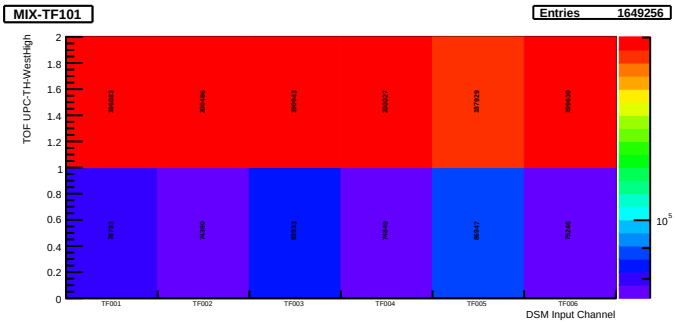

MIX-TF006
Entries 5772396
TOF MULT
TOF tray

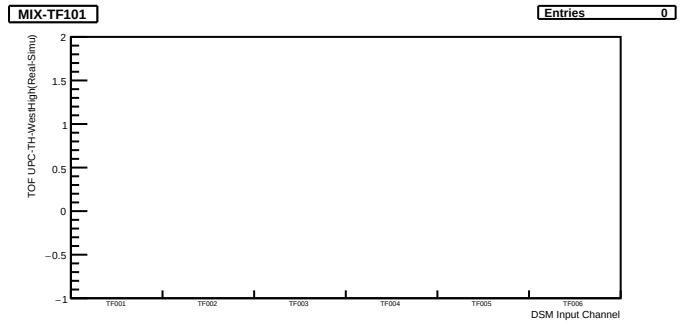

MIX-TF101
Entries 1649256
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

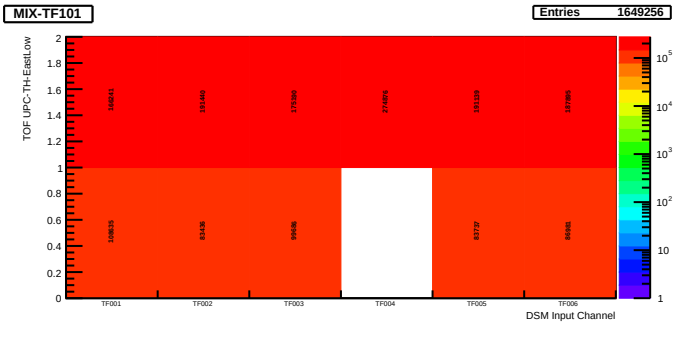

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

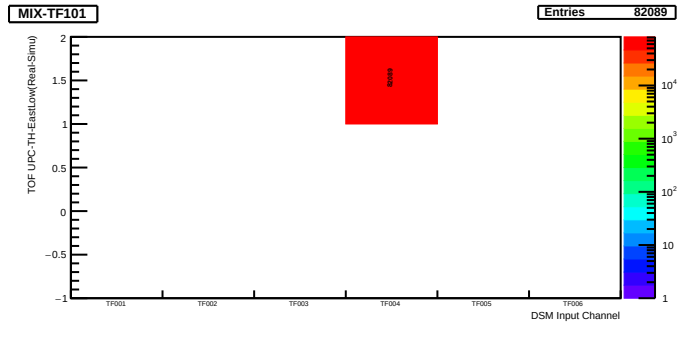

MIX-TF101
Entries 1649256
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

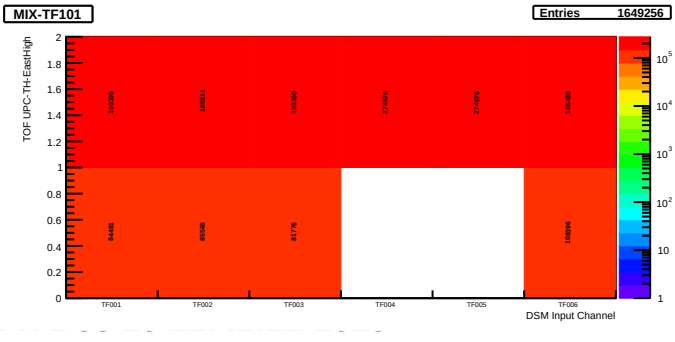

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

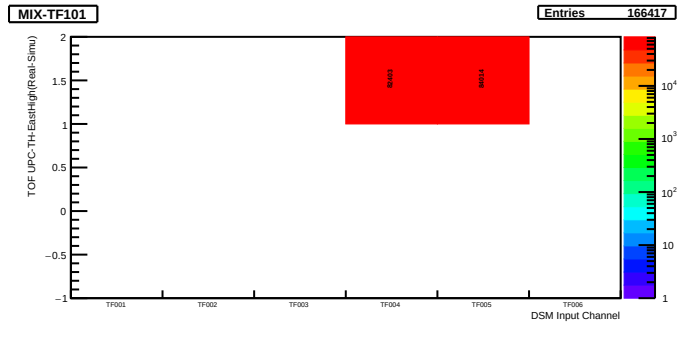

MIX-TF101
Entries 1649256
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

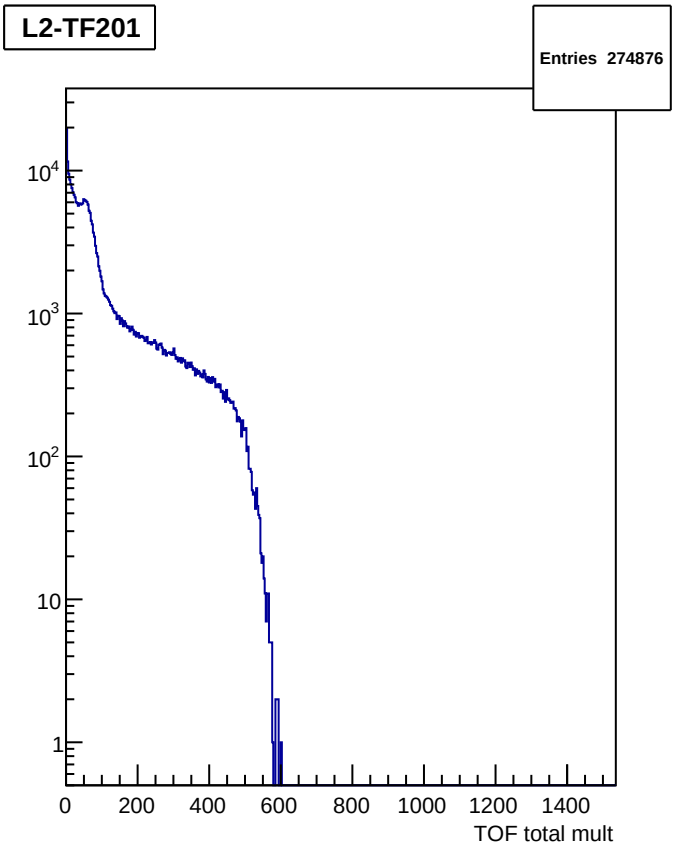

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

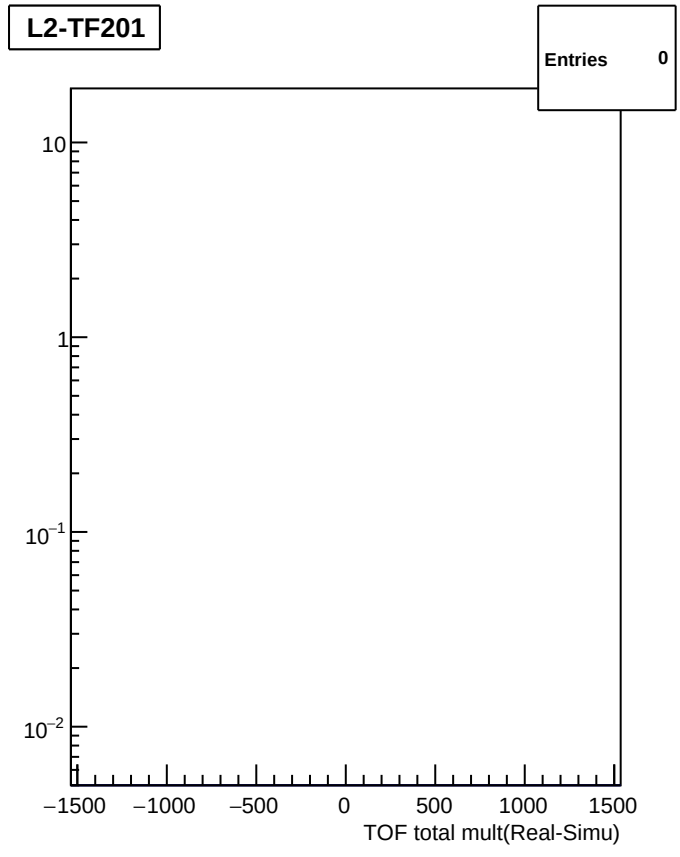

MIX-TF101
Entries 1649256
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

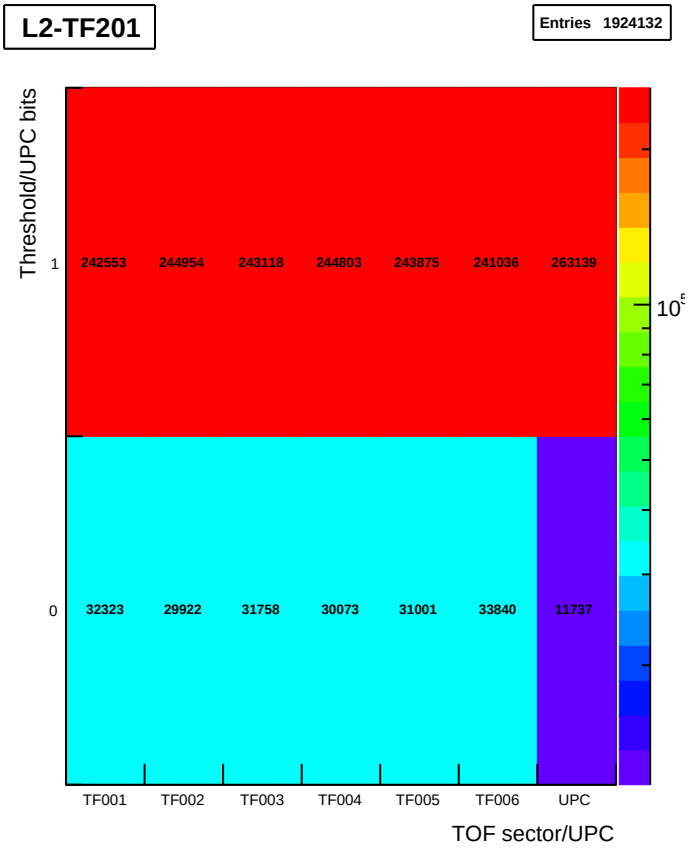

MIX-TF101
Entries 82089
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

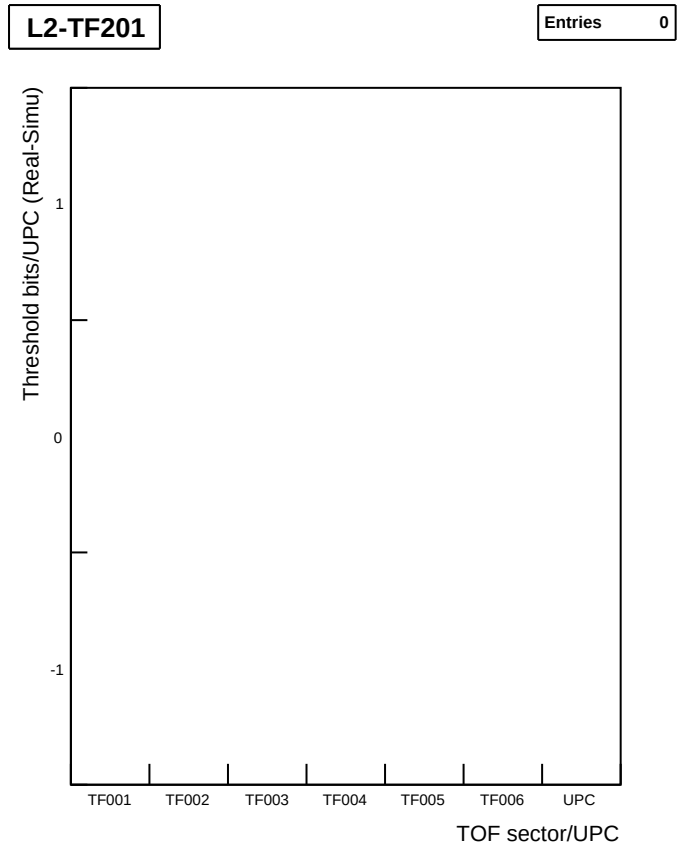

MIX-TF101
Entries 1649256
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

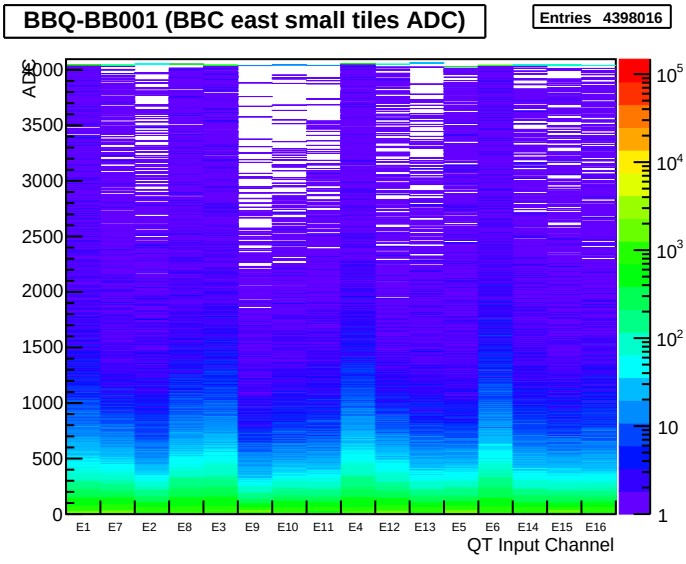

MIX-TF101
Entries 166417
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

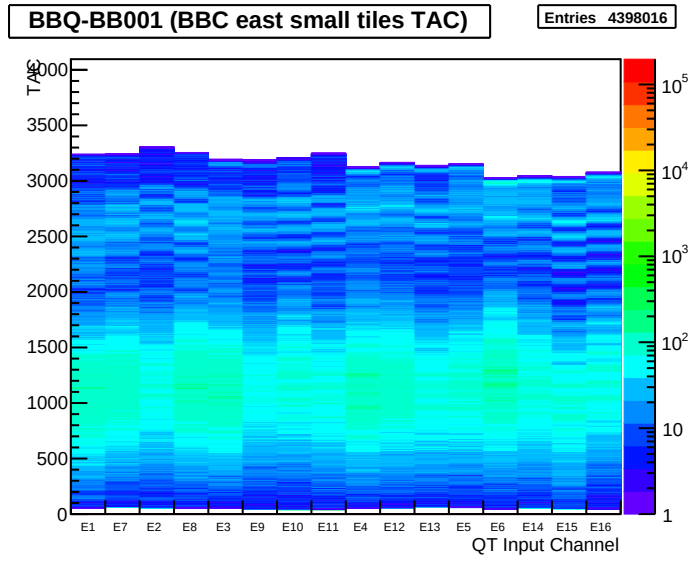

L2-TF201
Entries 274876
TOF total mult

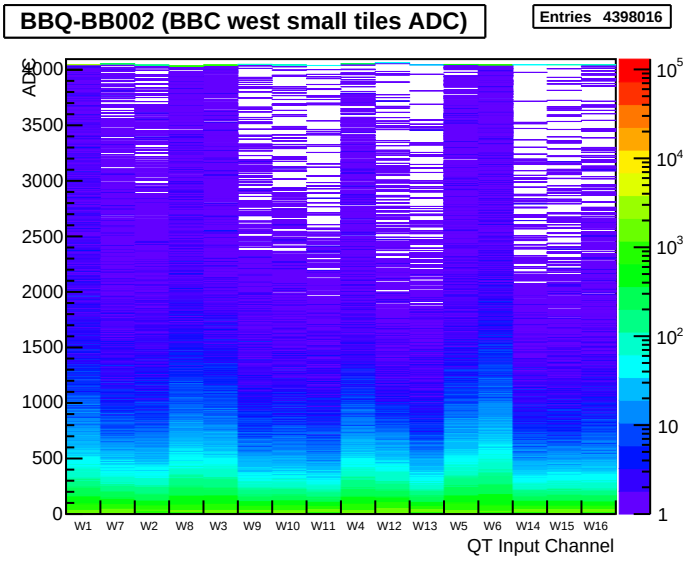

L2-TF201
Entries 0
TOF total mult(Real-Simu)

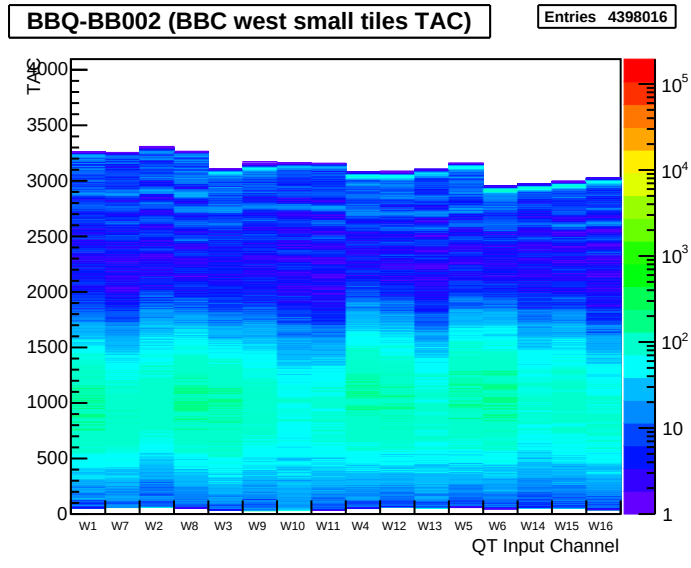

L2-TF201
Entries 1924132
Threshold/UPC bits
242553
244954
243118
244803
243875
241036
263139
32323
29922
31758
30073
31001
33840
11737
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

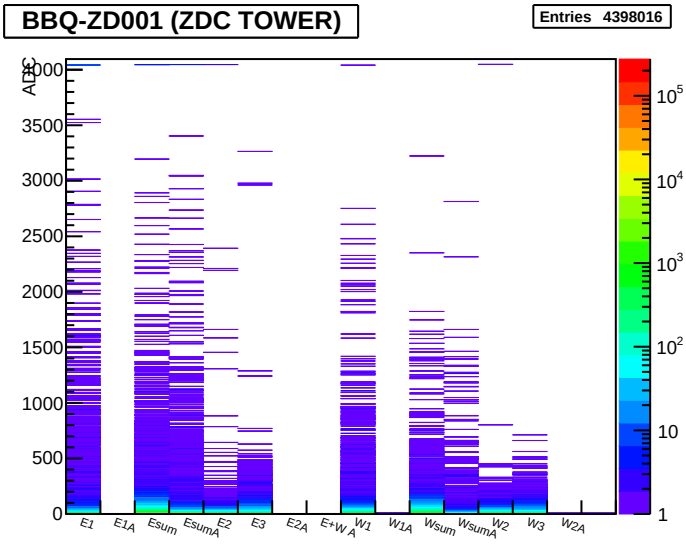

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

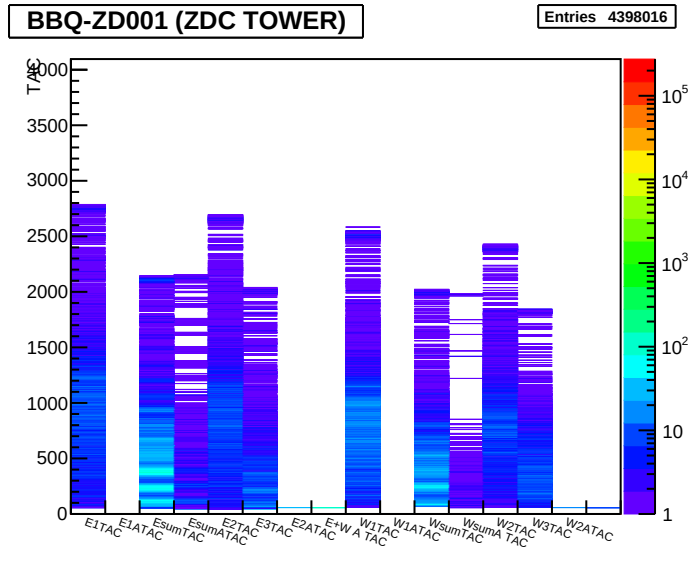

BBQ-BB001 (BBC east small tiles ADC)
Entries 4398016
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

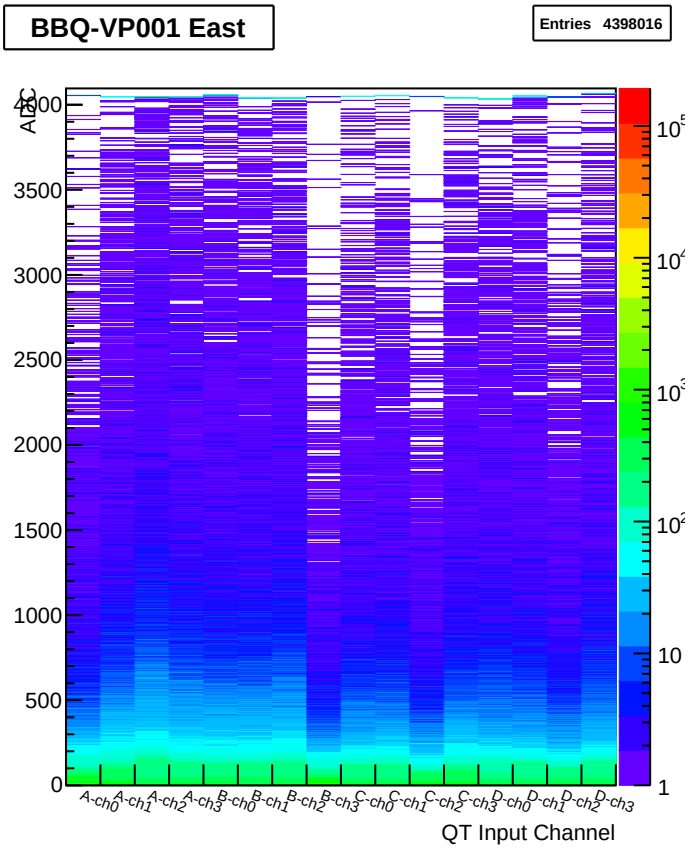

BBQ-BB001 (BBC east small tiles TAC)
Entries 4398016
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

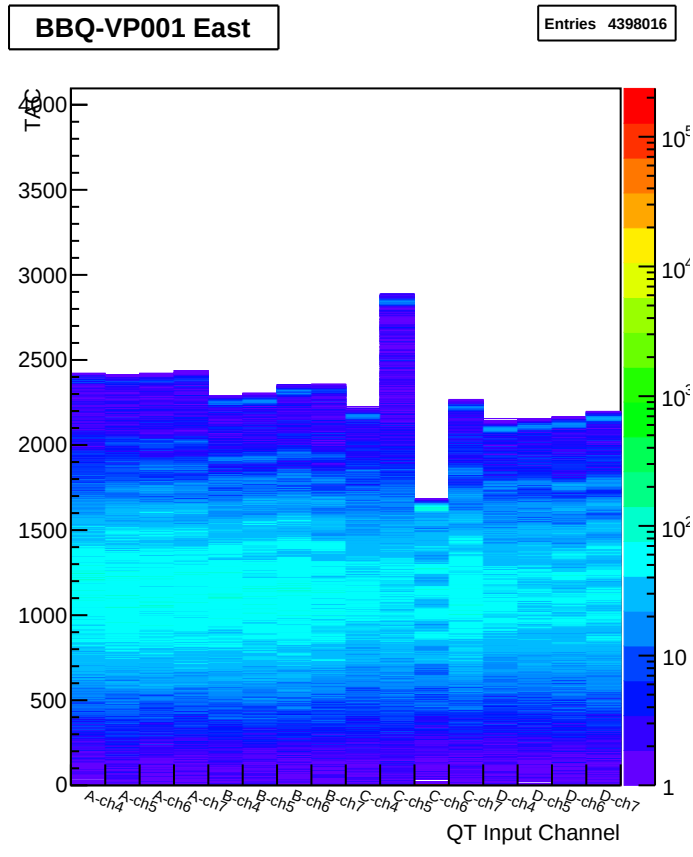

BBQ-BB002 (BBC west small tiles ADC)
Entries 4398016
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

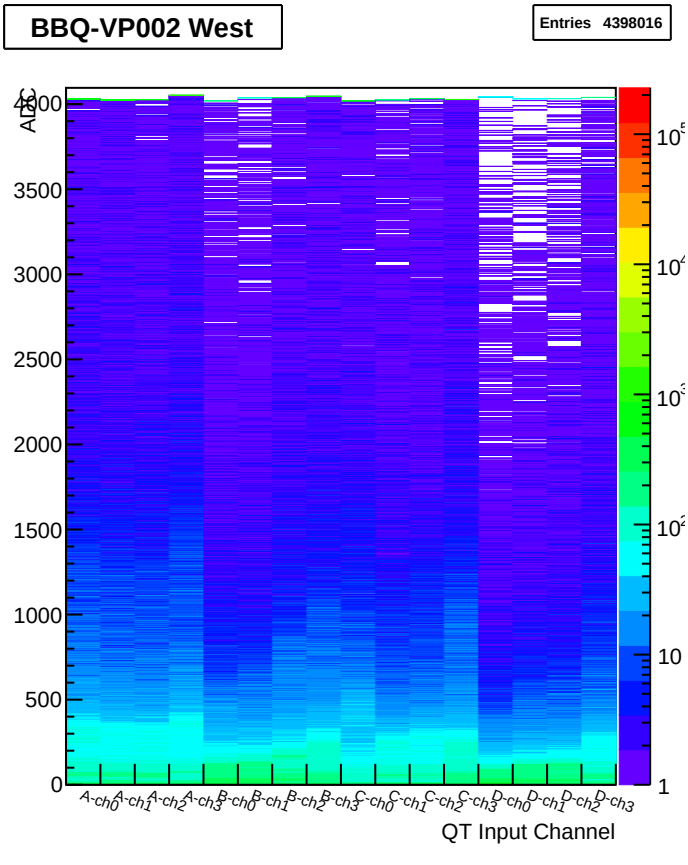

BBQ-BB002 (BBC west small tiles TAC)
Entries 4398016
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

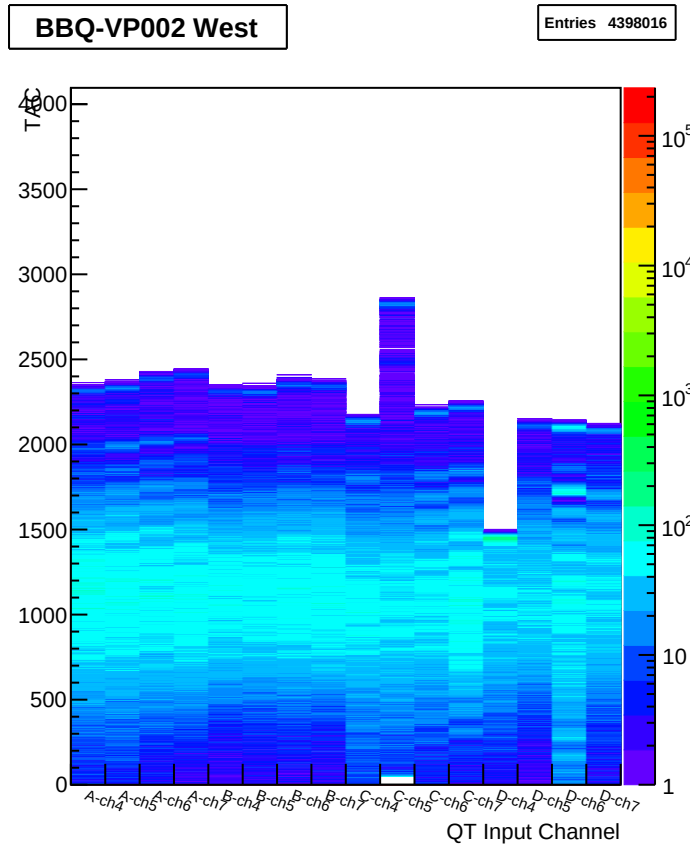

BBQ-ZD001 (ZDC TOWER)
Entries 4398016
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

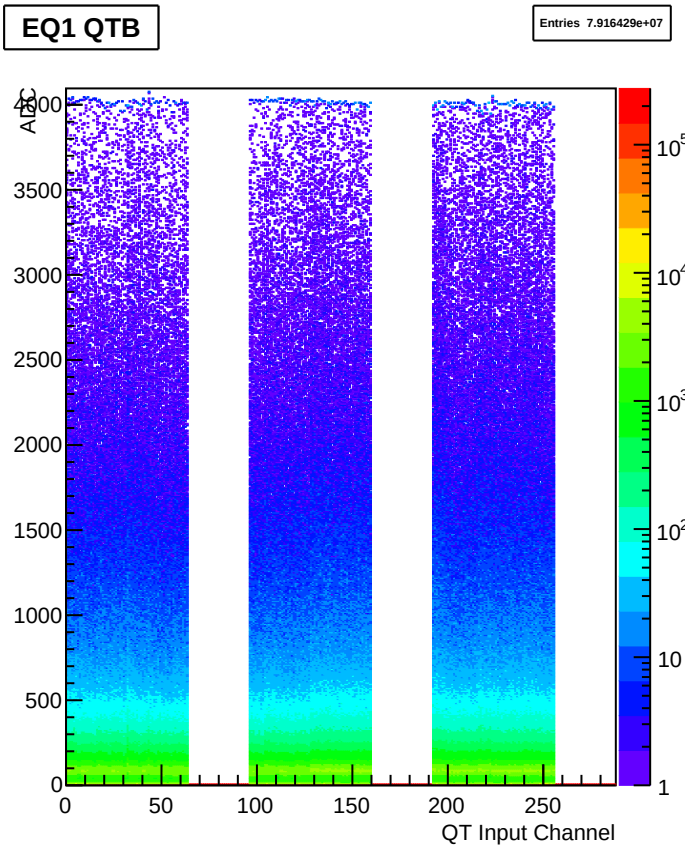

BBQ-ZD001 (ZDC TOWER)
Entries 4398016
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

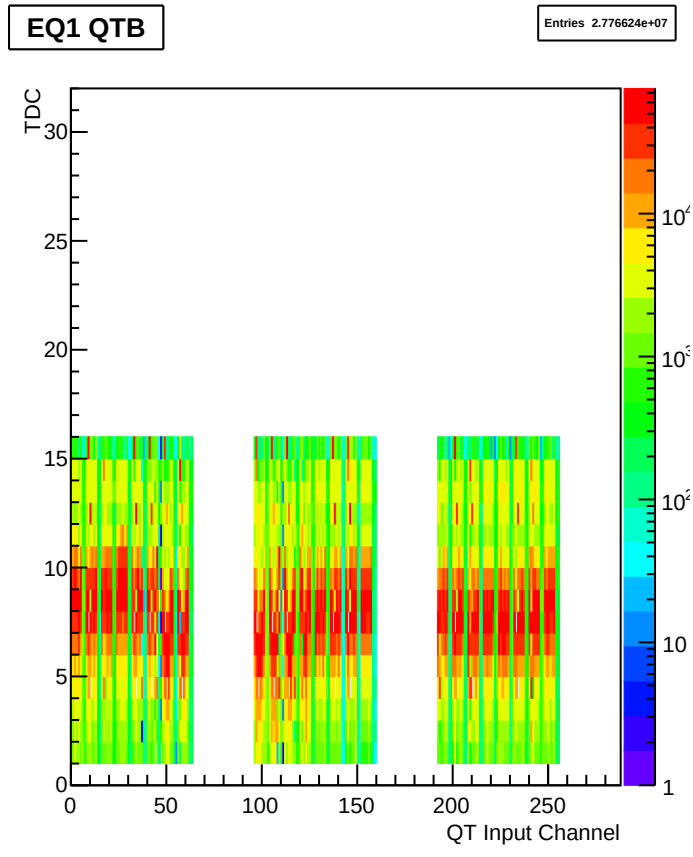

BBQ-VP001 East
Entries 4398016
ADC
QT Input Channel

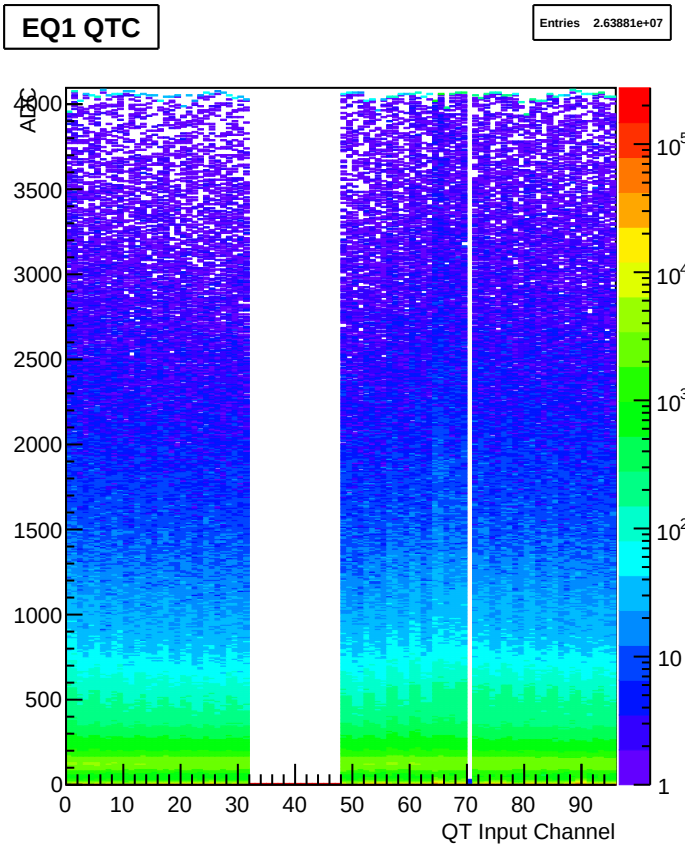

BBQ-VP001 East
Entries 4398016
TADC
QT Input Channel

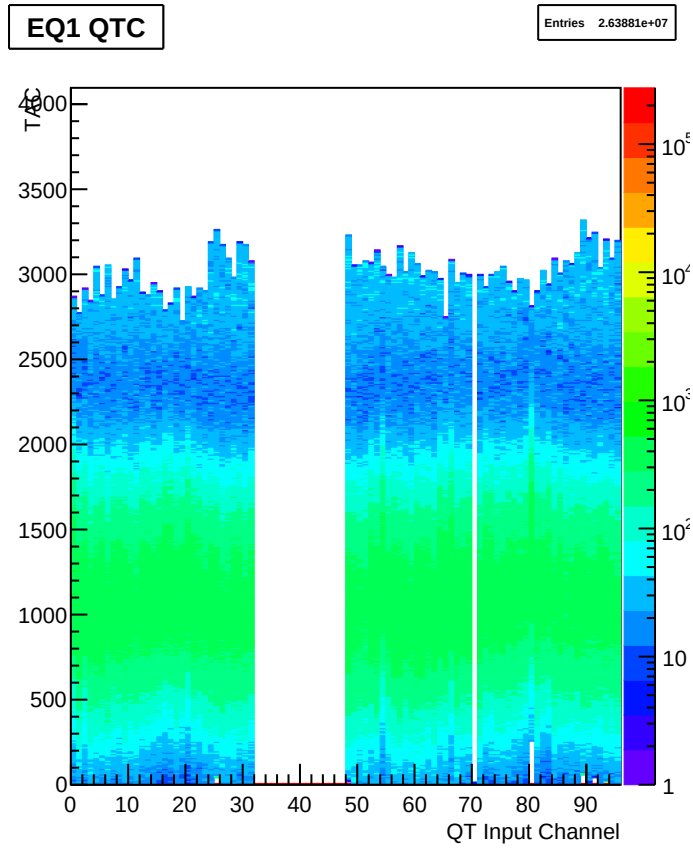

BBQ-VP002 West
Entries 4398016
ADC
QT Input Channel

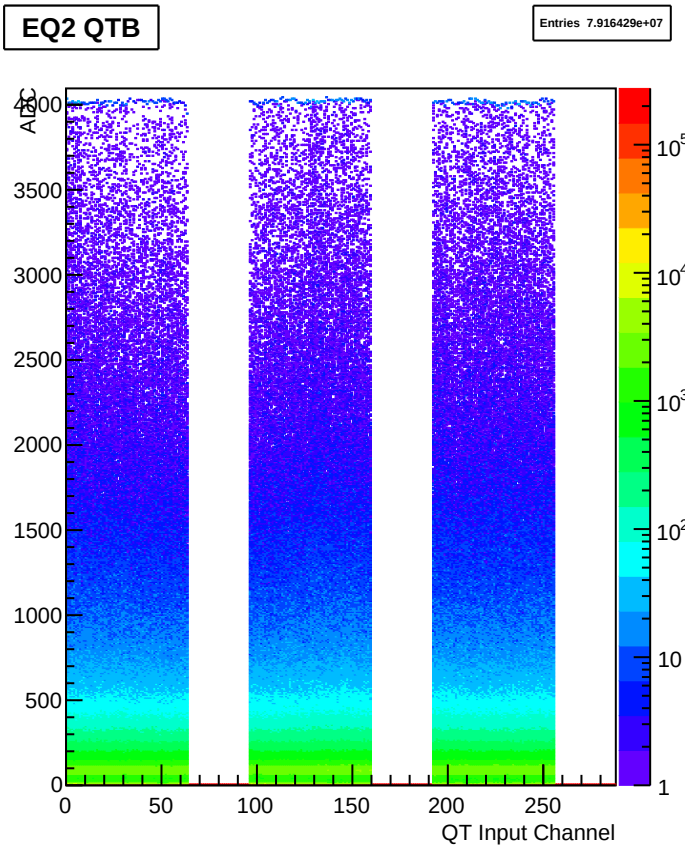

BBQ-VP002 West
Entries 4398016
TADC
QT Input Channel

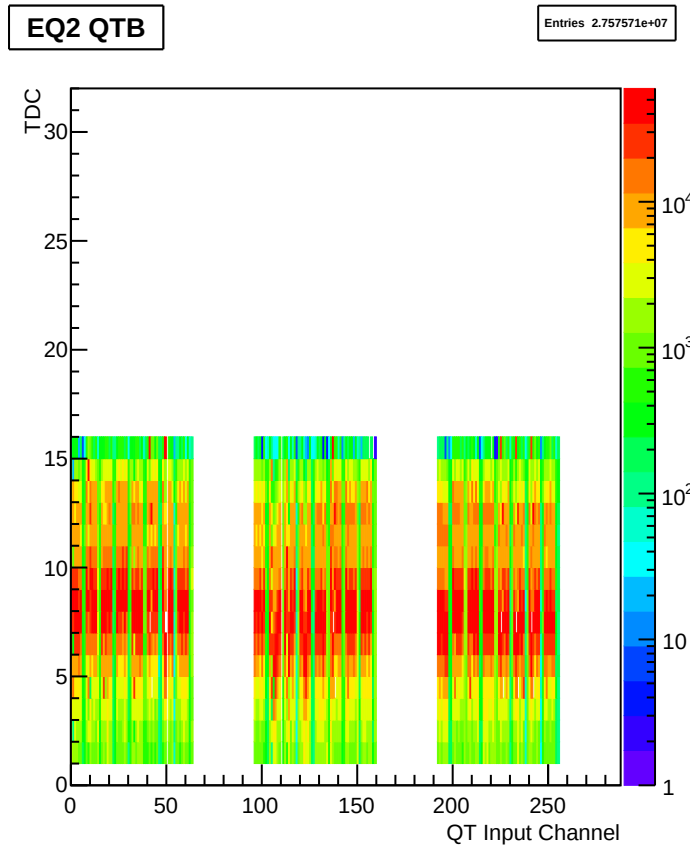

EQ1 QTB
Entries 7.916429e+07
ADC
QT Input Channel

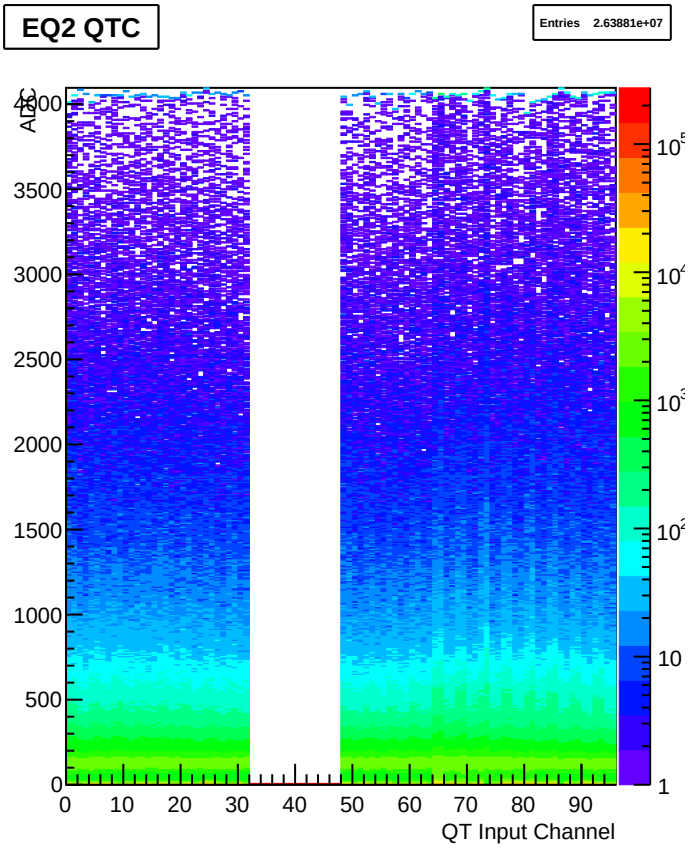

EQ1 QTB
Entries 2.776624e+07
TDC
QT Input Channel

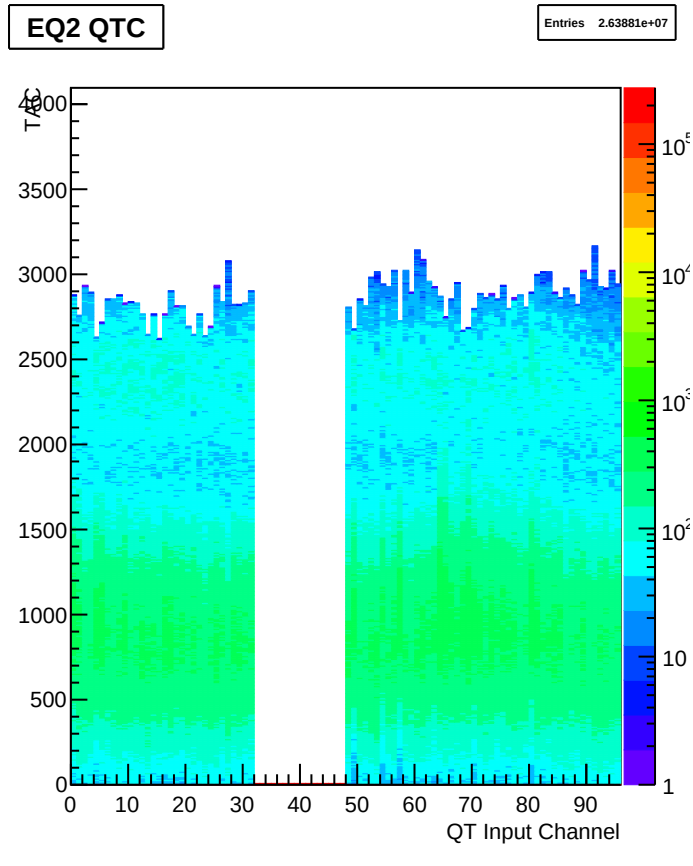

EQ1 QTC
Entries 2.63881e+07
ADC
QT Input Channel

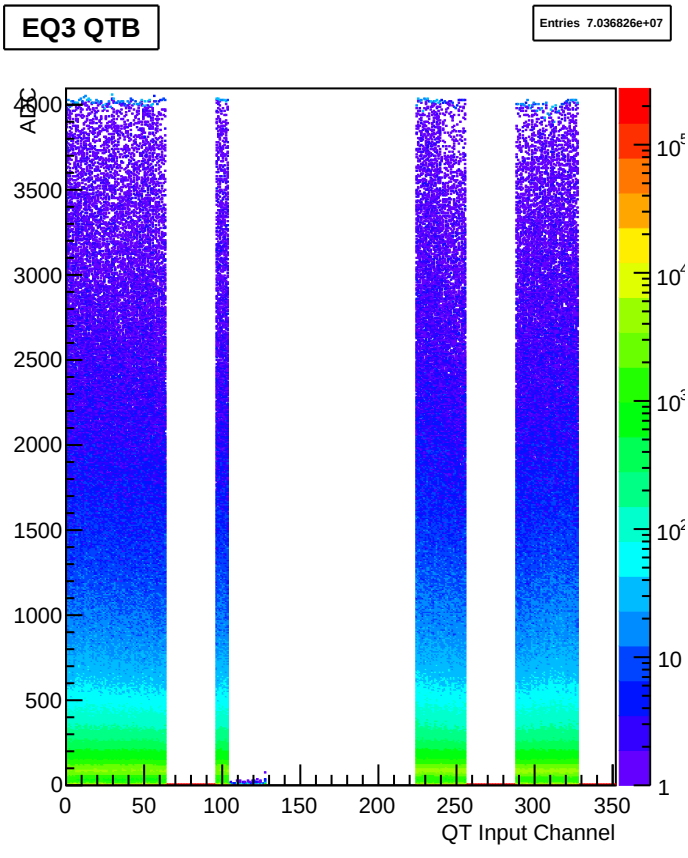

EQ1 QTC
Entries 2.63881e+07
TADC
QT Input Channel

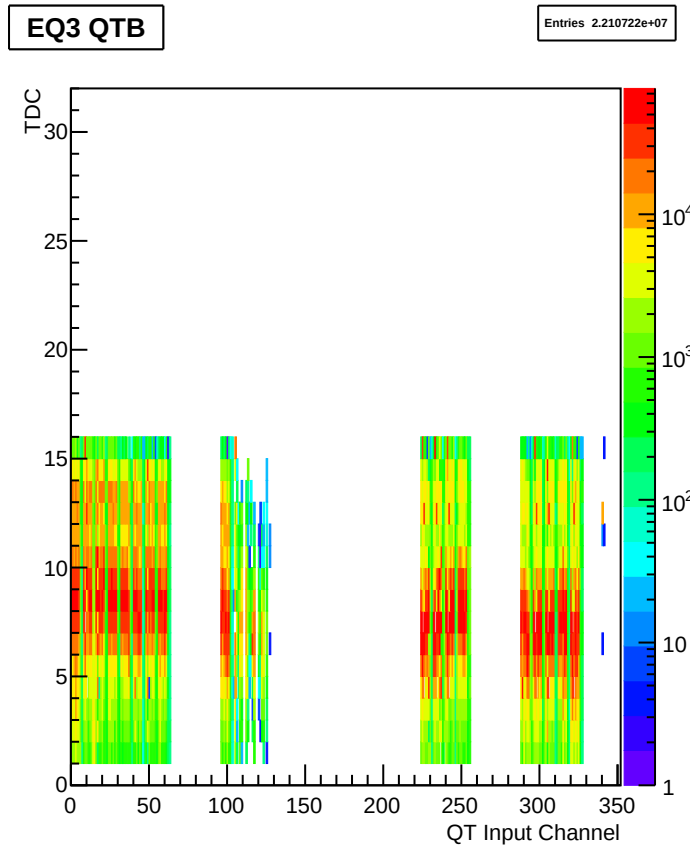

EQ2 QTB
Entries 7.916429e+07
ADC
QT Input Channel

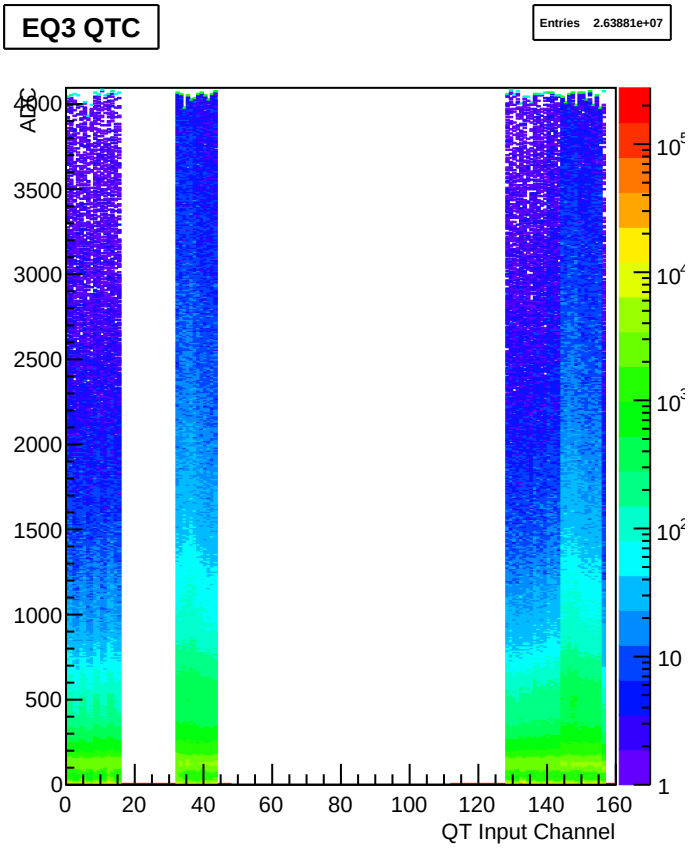

EQ2 QTB
Entries 2.757571e+07
TDC
QT Input Channel

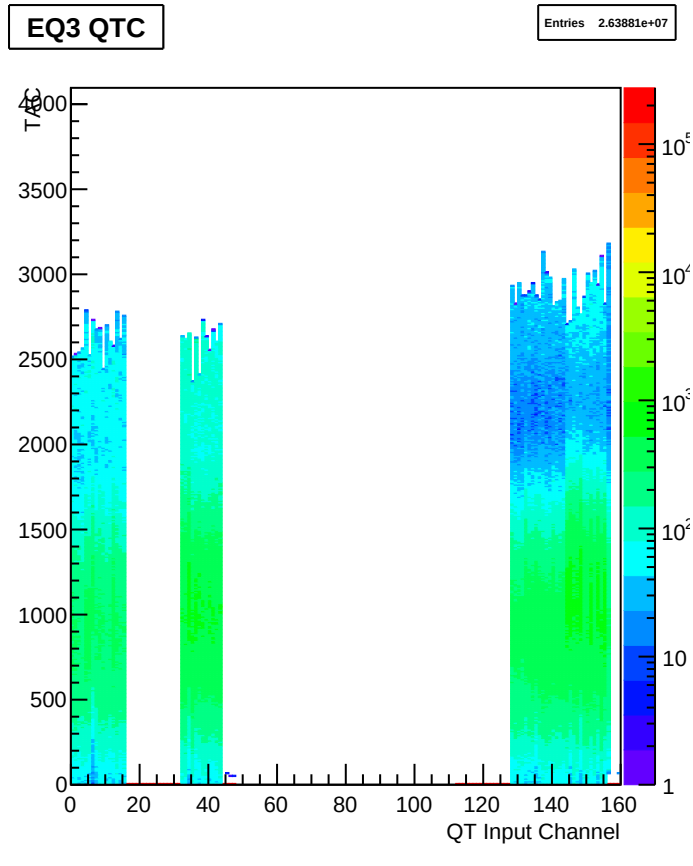

EQ2 QTC
Entries 2.63881e+07
ADC
QT Input Channel

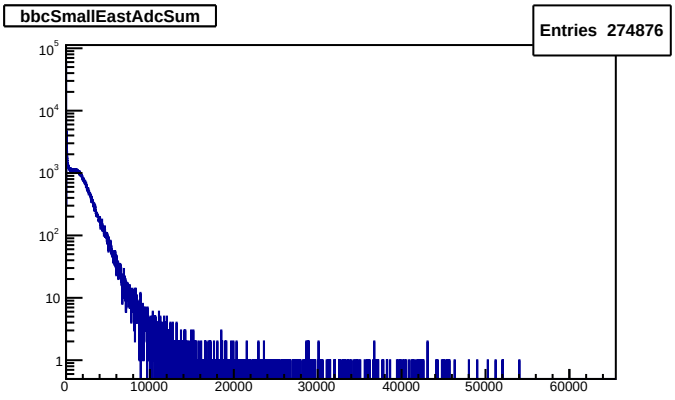

EQ2 QTC
Entries 2.63881e+07
TADC
QT Input Channel

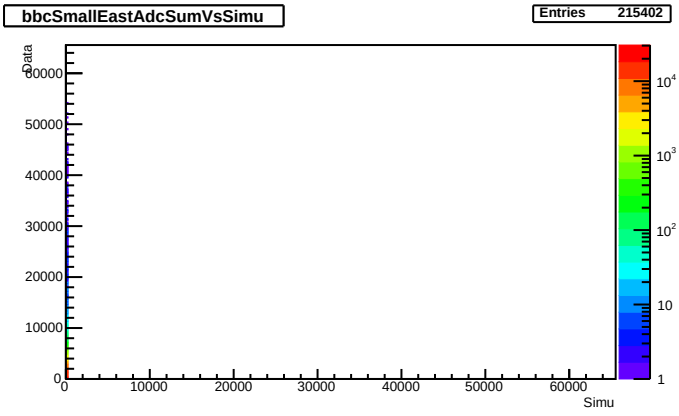

EQ3 QTB
Entries 7.036826e+07
ADC
QT Input Channel

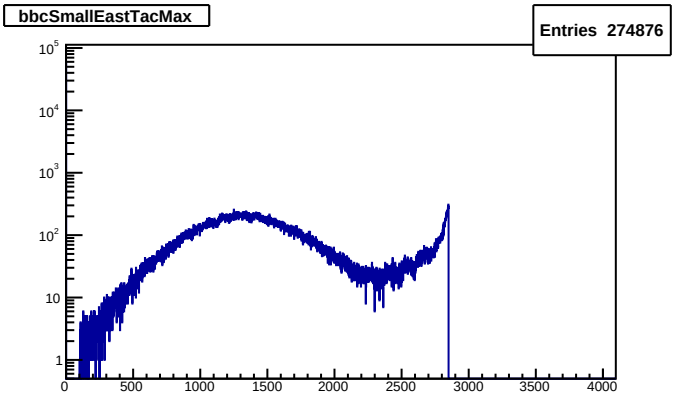

EQ3 QTB
Entries 2.210722e+07
TDC
QT Input Channel

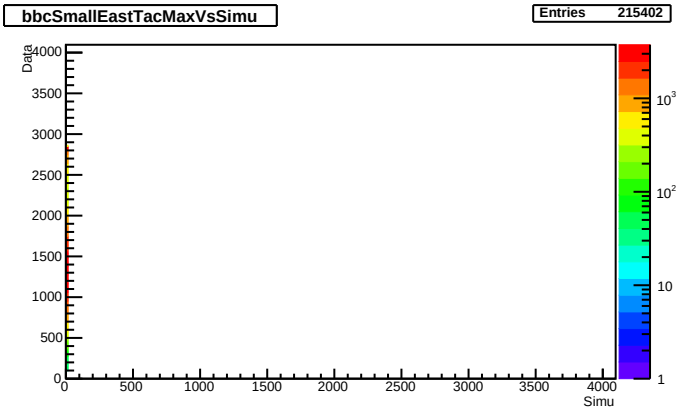

EQ3 QTC
Entries 2.63881e+07
ADC
QT Input Channel

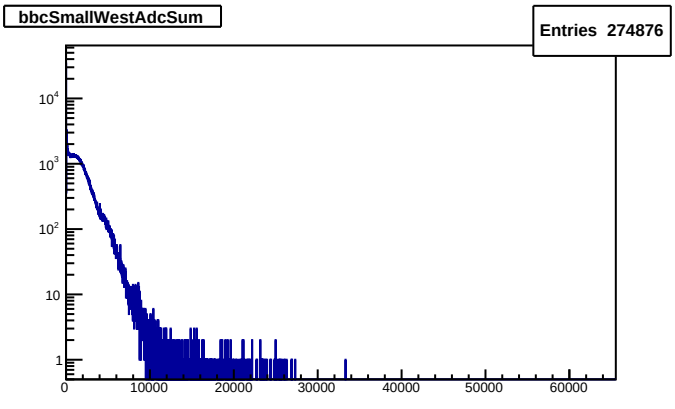

EQ3 QTC
Entries 2.63881e+07
TADC
QT Input Channel

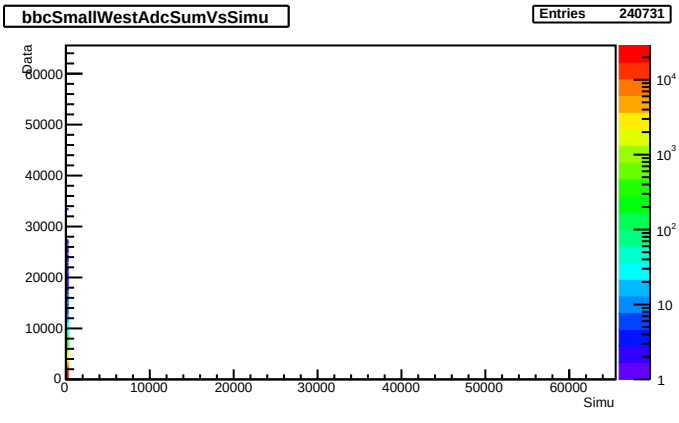

bbcSmallEastAdcSum
Entries 274876

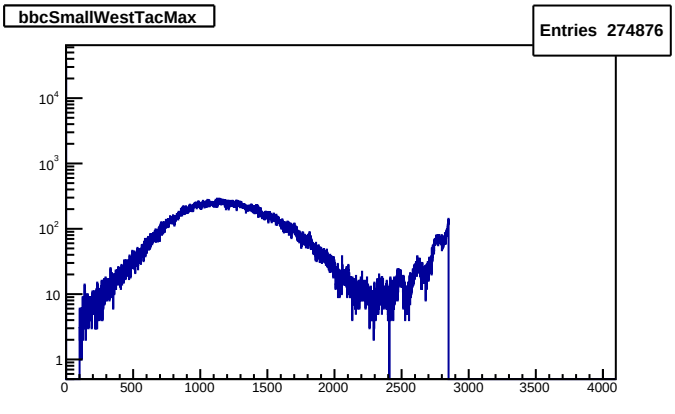

bbcSmallEastAdcSumVsSimu
Entries 215402
Data
Simu


bbcSmallEastTacMax
Entries 274876


bbcSmallEastTacMaxVsSimu
Entries 215402
Data
Simu


bbcSmallWestAdcSum
Entries 274876


bbcSmallWestAdcSumVsSimu
Entries 240731
Data
Simu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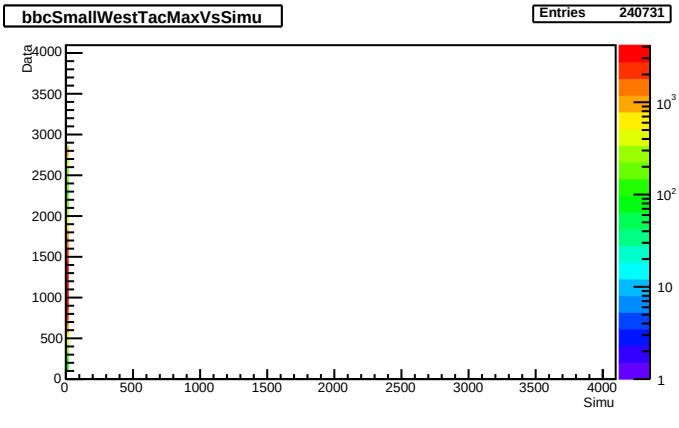
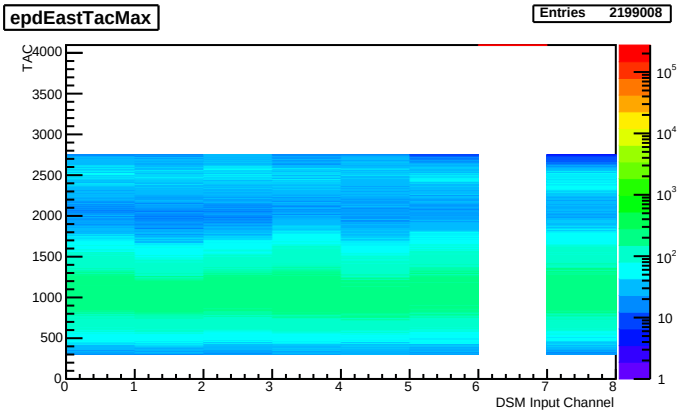
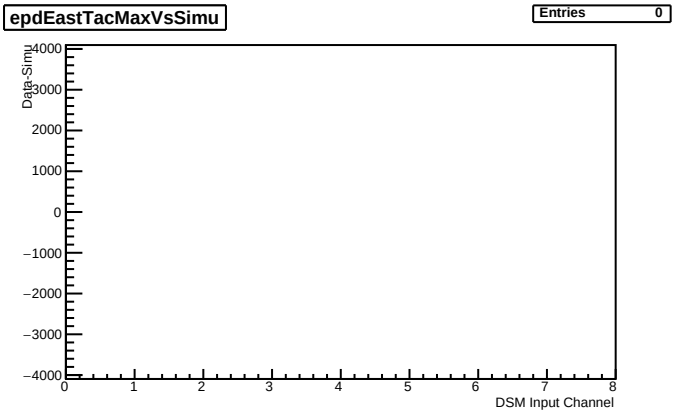
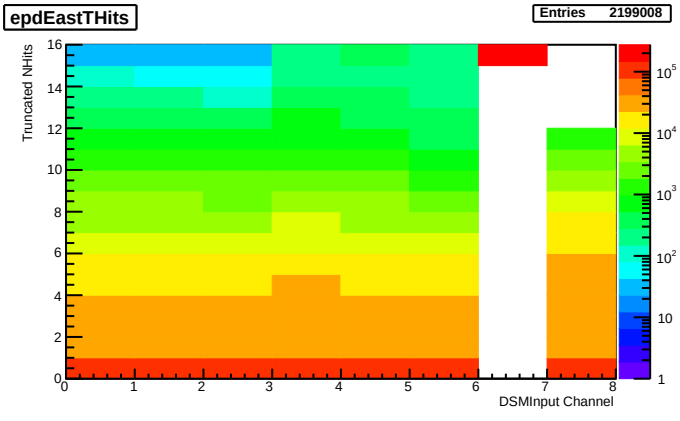
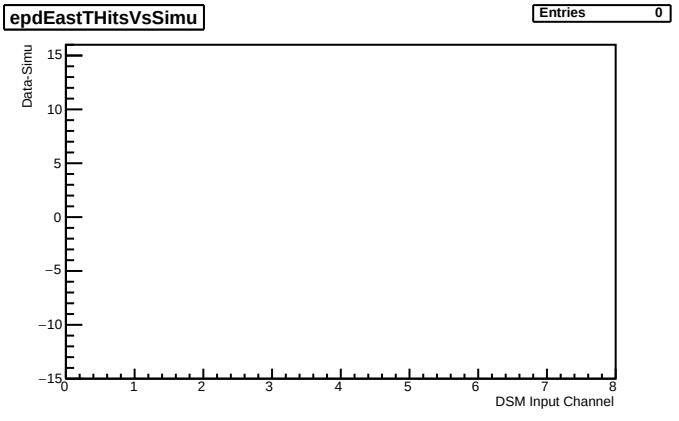
Entries 274876

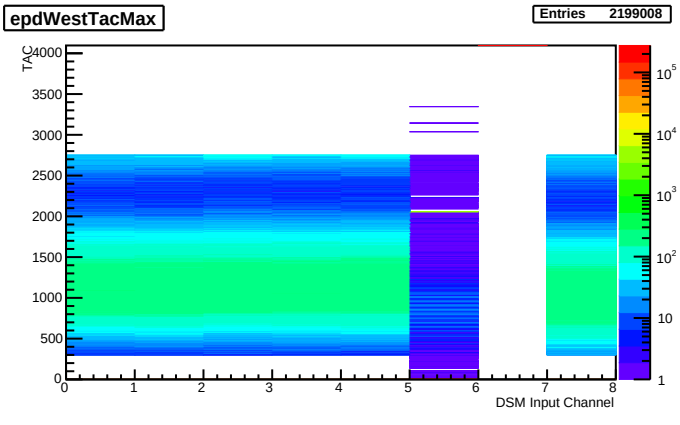

bbcSmallWestTacMaxVsSimu
Entries 240731
Data
Simu

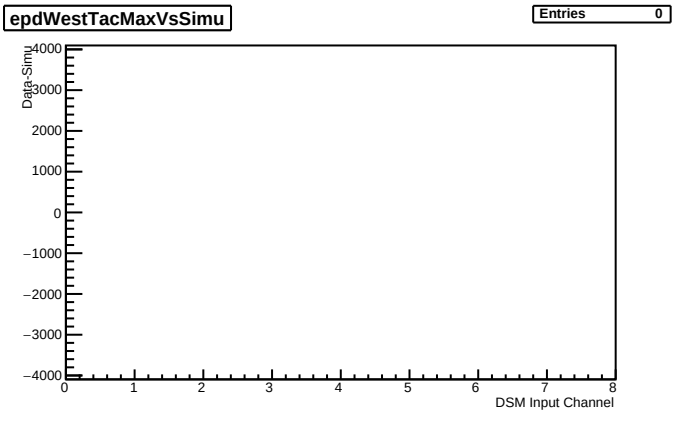

epdEastTacMax
Entries 2199008
TAC
DSM Input Channel

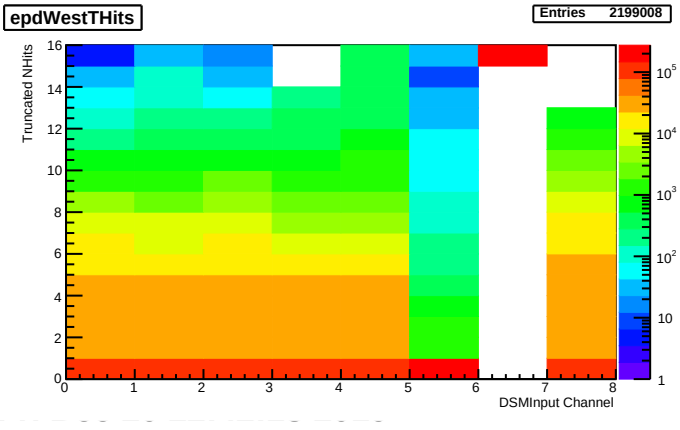

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

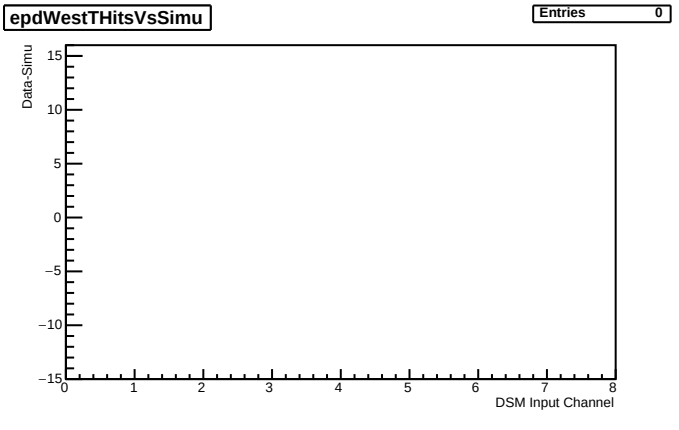

epdEastTHits
Entries 2199008
Truncated NHits
DSMInput Channel

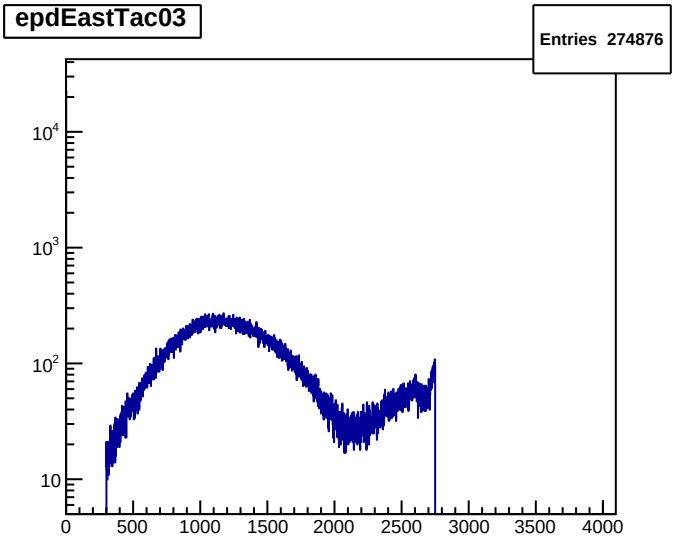

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

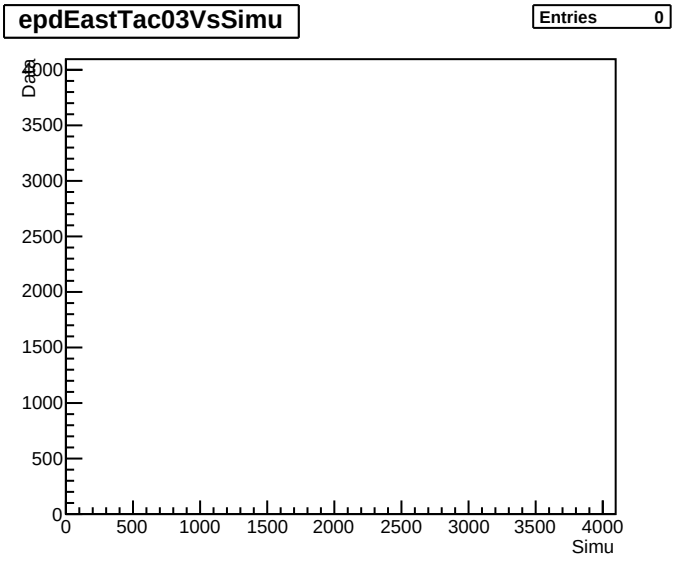

epdWestTacMax
Entries 2199008
TAC
DSM Input Channel

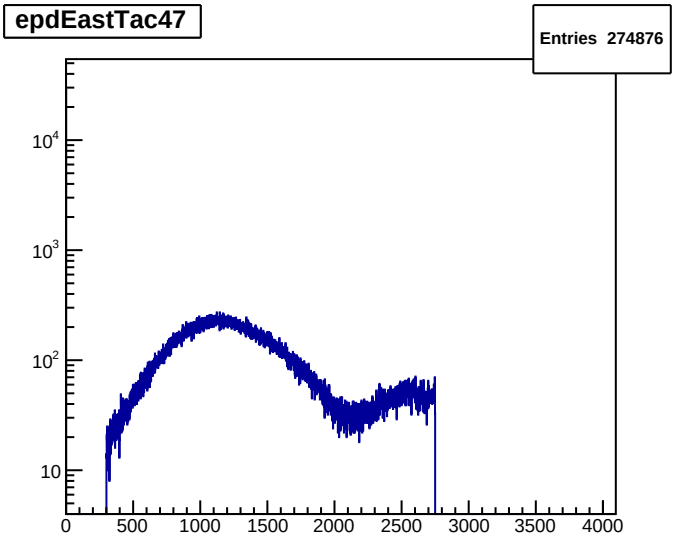

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

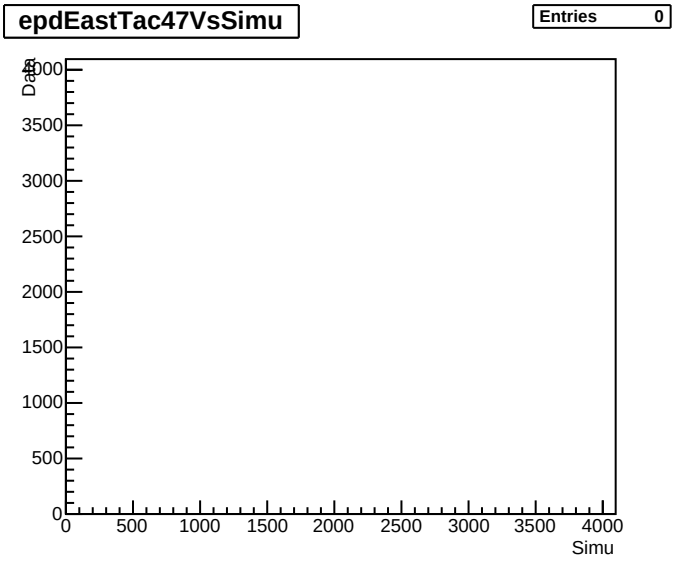

epdWestTHits
Entries 2199008
Truncated NHits
DSMInput Channel

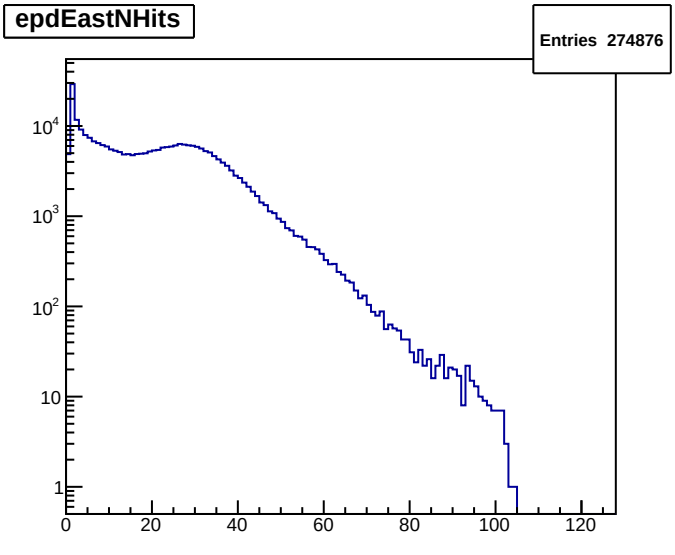

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

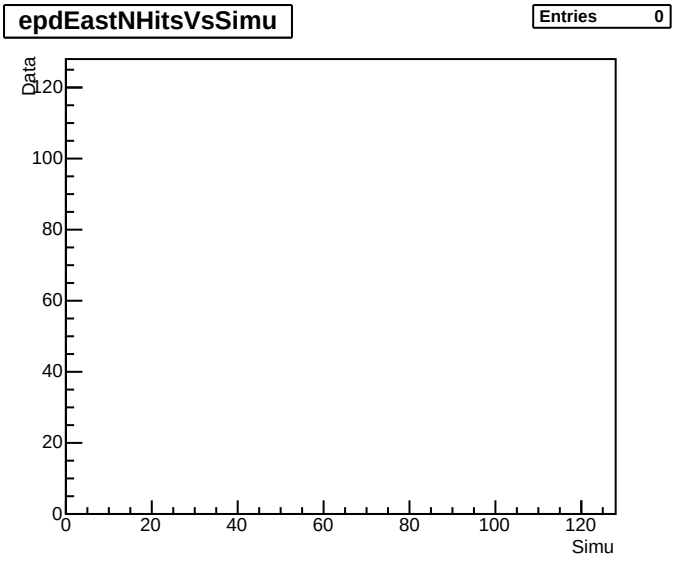

epdEastTac03
Entries 274876
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

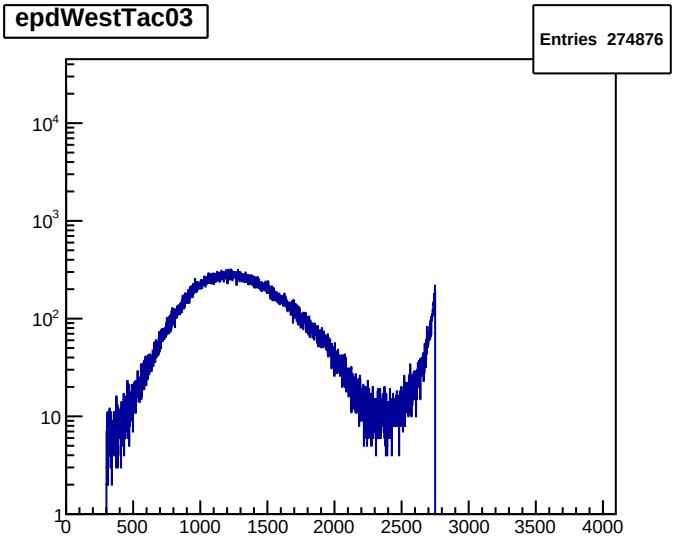

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

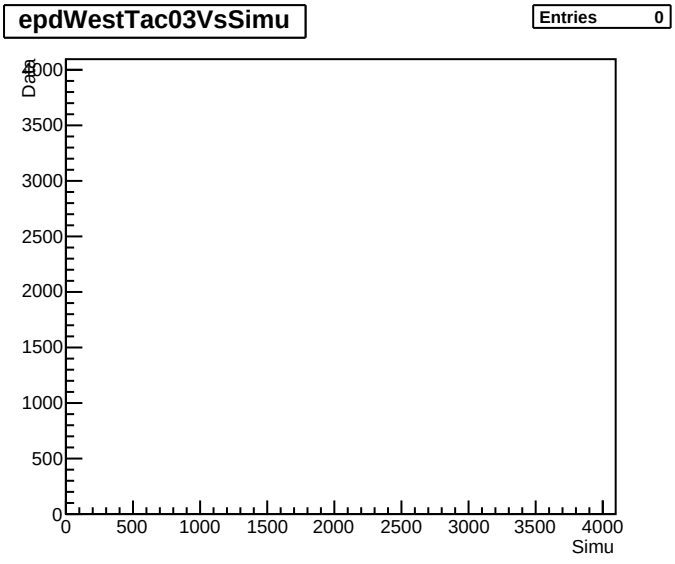

epdEastTac47
Entries 274876
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 274876
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 274876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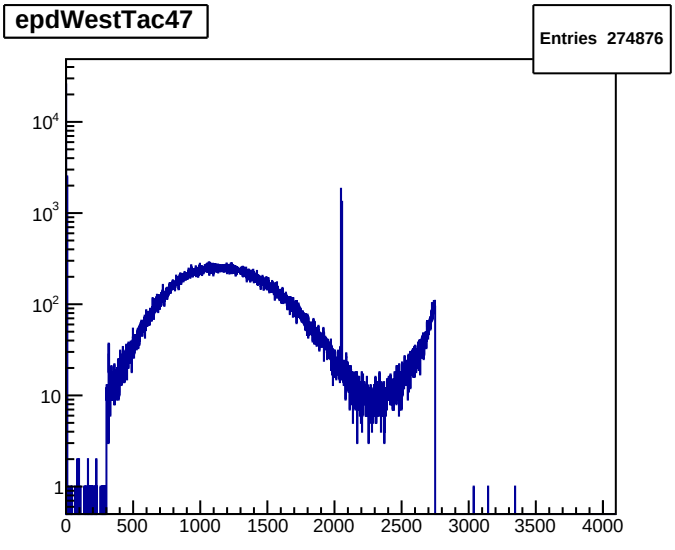
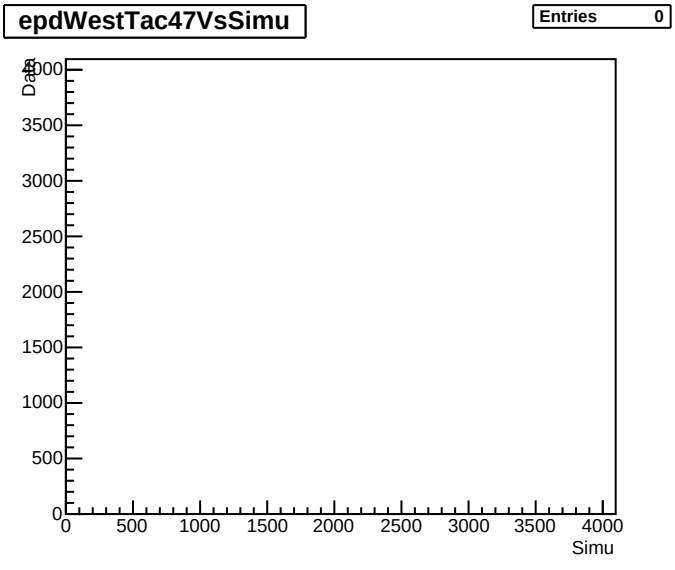
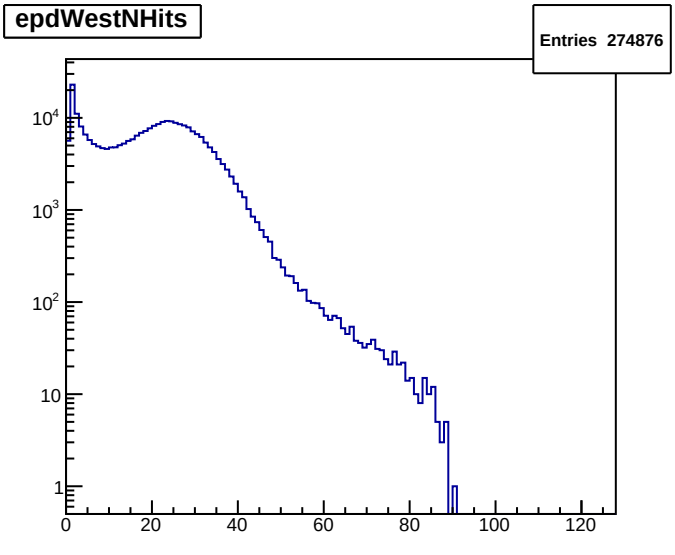
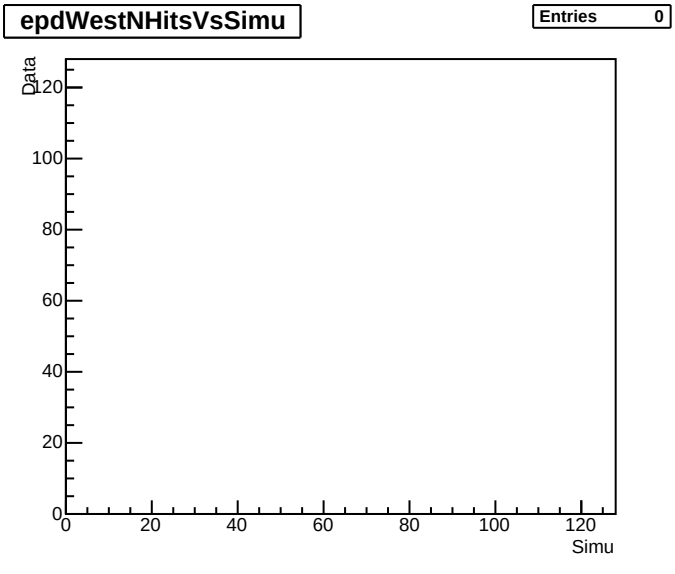
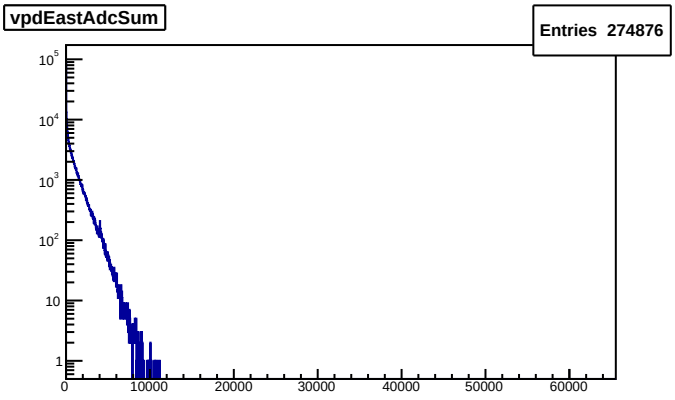
Entries 0
Data
Simu

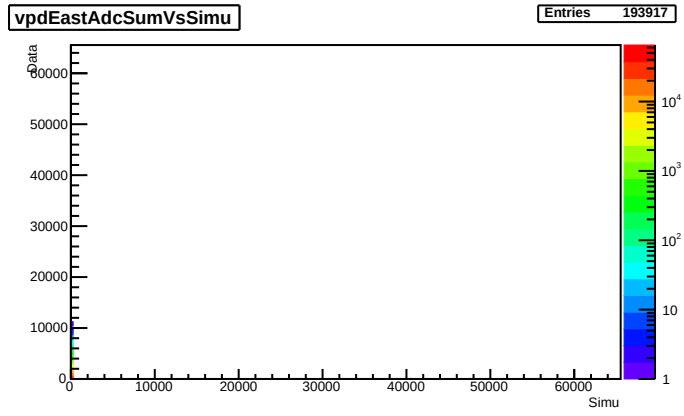

epdWestTac47
Entries 274876

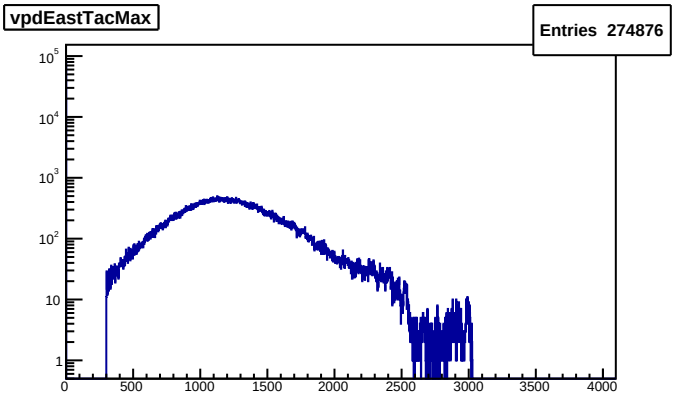

epdWestTac47VsSimu
Entries 0
Data
Simu

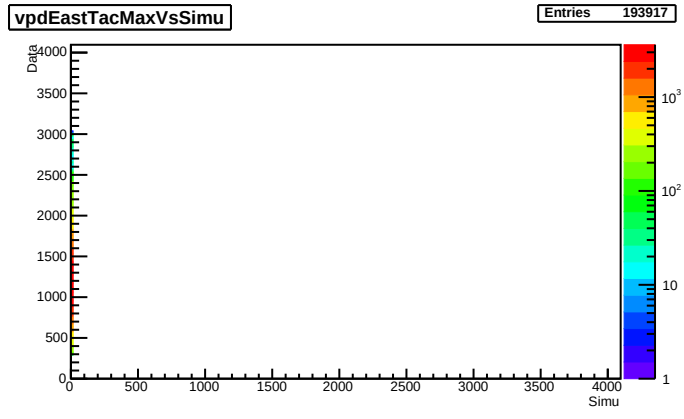

epdWestNHits
Entries 274876

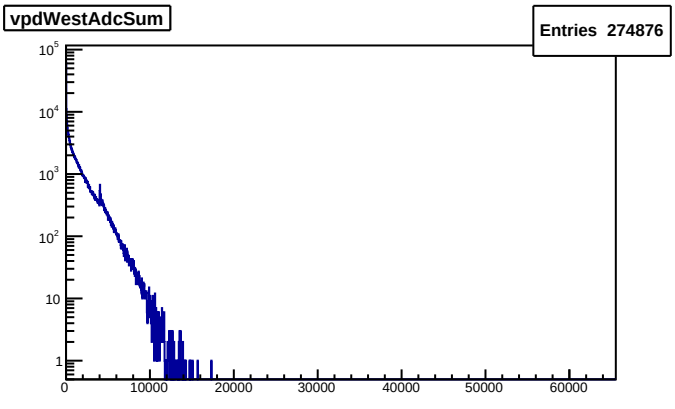

epdWestNHitsVsSimu
Entries 0
Data
Simu

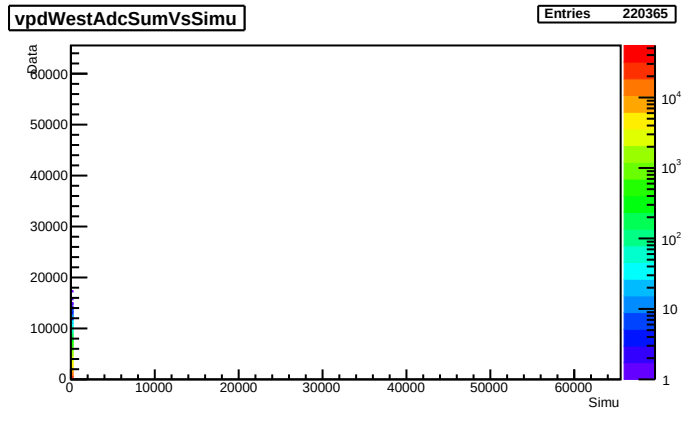

vpdEastAdcSum
Entries 274876

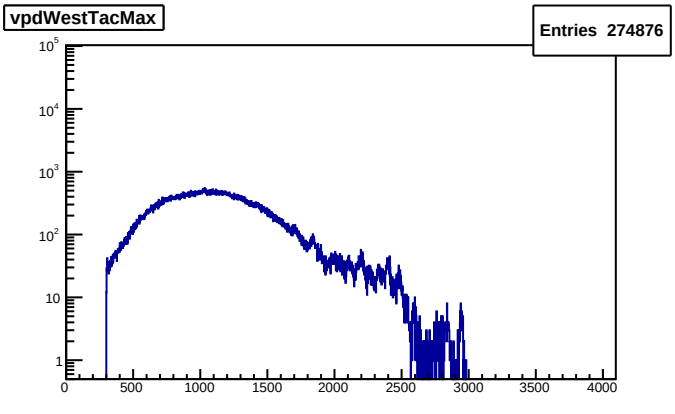

vpdEastAdcSumVsSimu
Entries 193917
Data
Simu

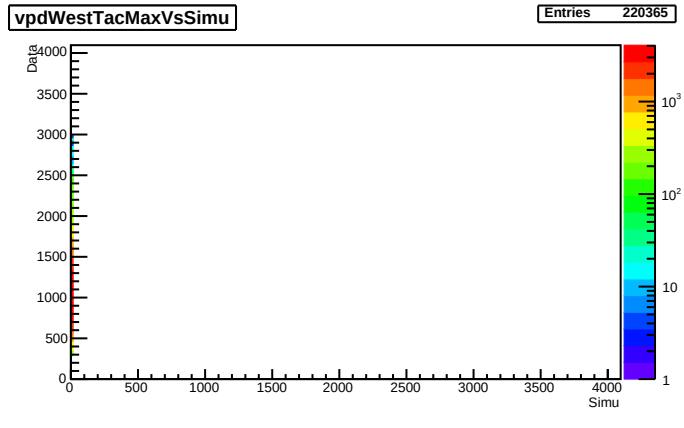

vpdEastTacMax
Entries 274876

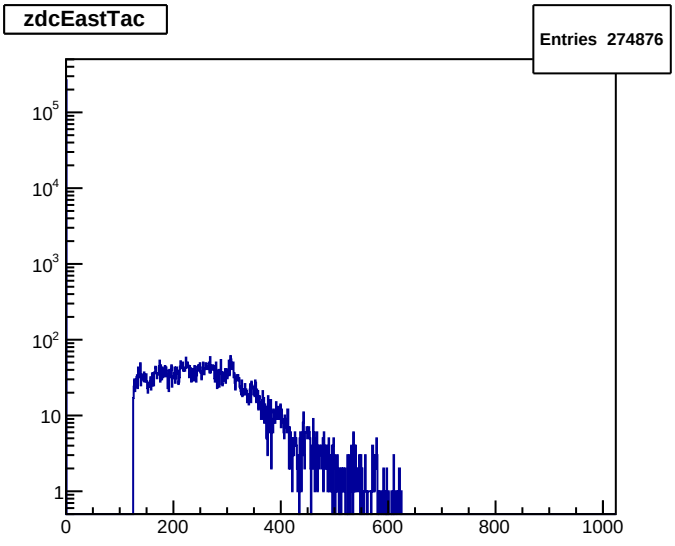

vpdEastTacMaxVsSimu
Entries 193917
Data
Simu

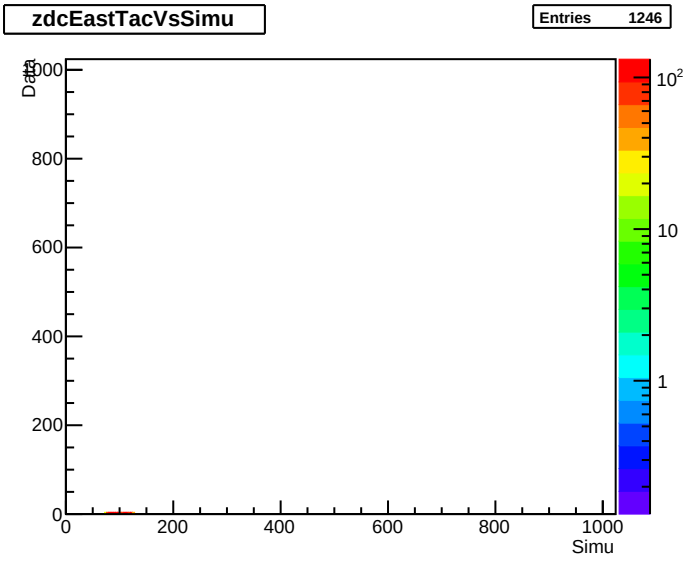

vpdWestAdcSum
Entries 274876

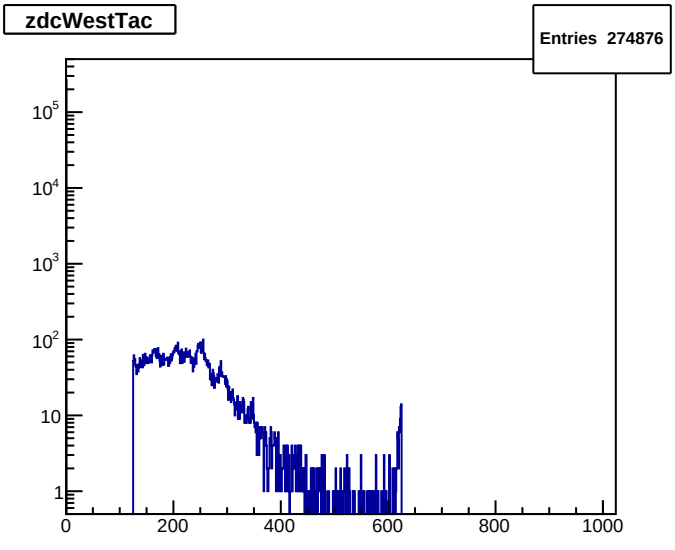

vpdWestAdcSumVsSimu
Entries 220365
Data
Simu

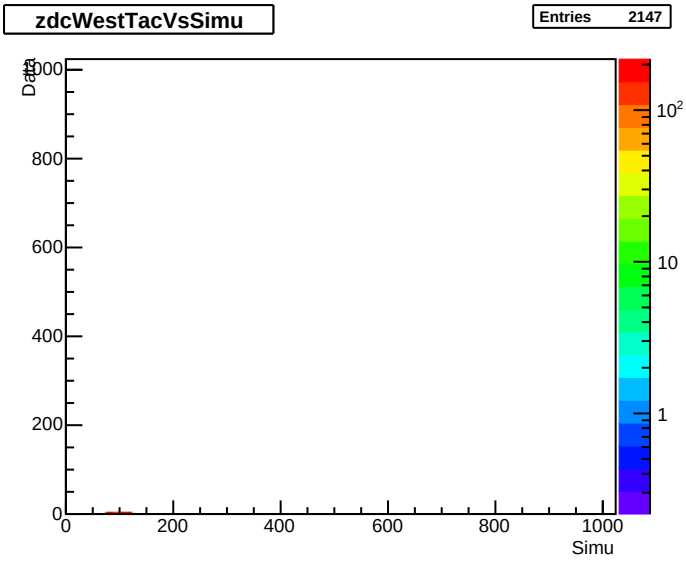

vpdWestTacMax
Entries 274876

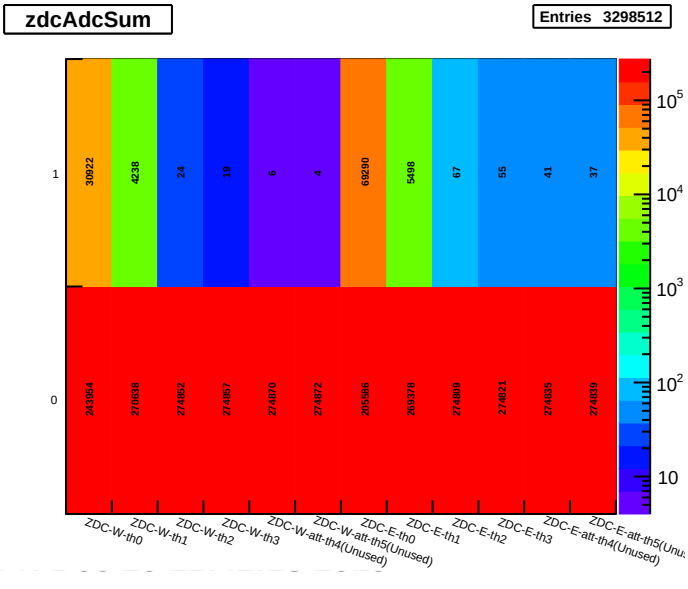

vpdWestTacMaxVsSimu
Entries 220365
Data
Simu

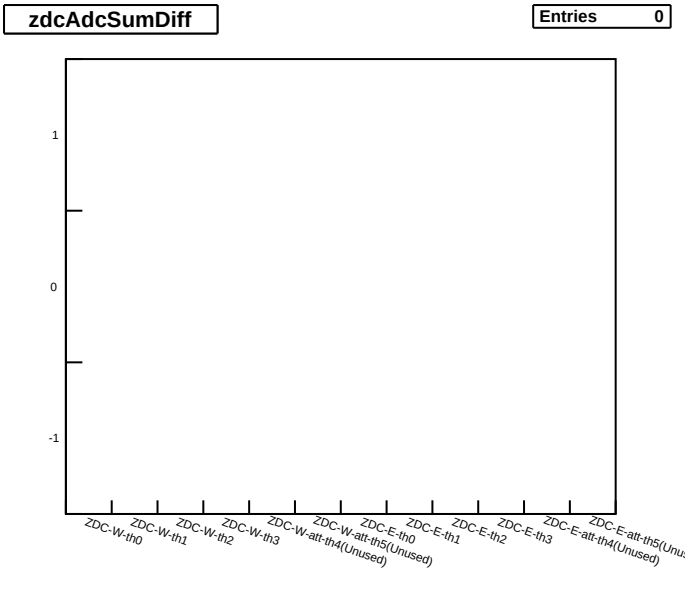

zdcEastTac
Entries 274876

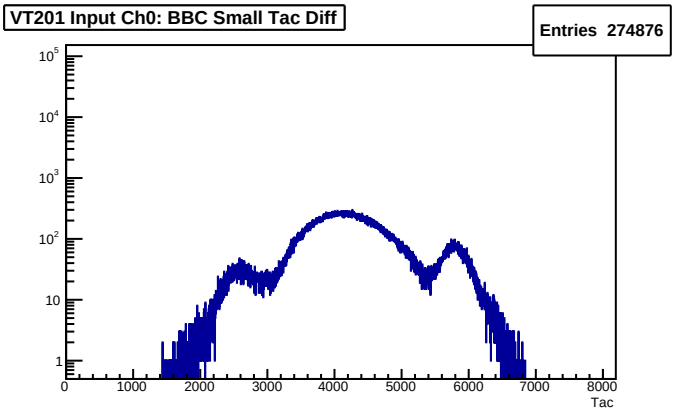

zdcEastTacVsSimu
Entries 1246
Data
Simu

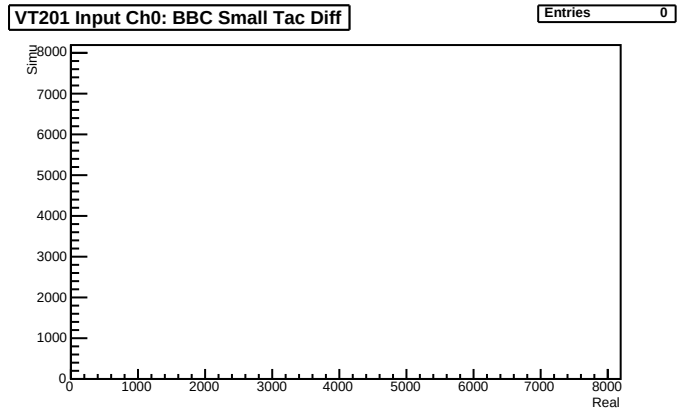

zdcWestTac
Entries 274876

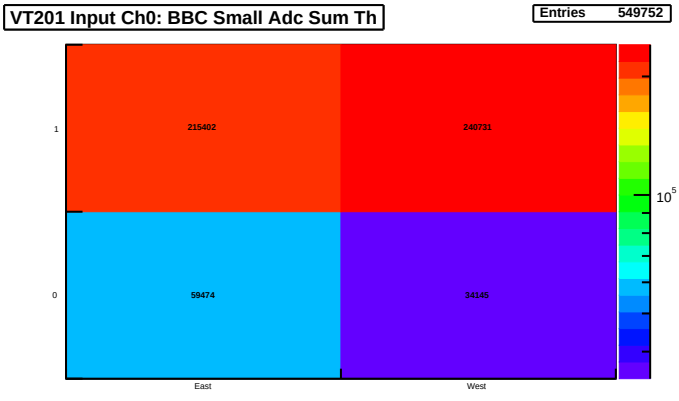

zdcWestTacVsSimu
Entries 2147
Data
Simu

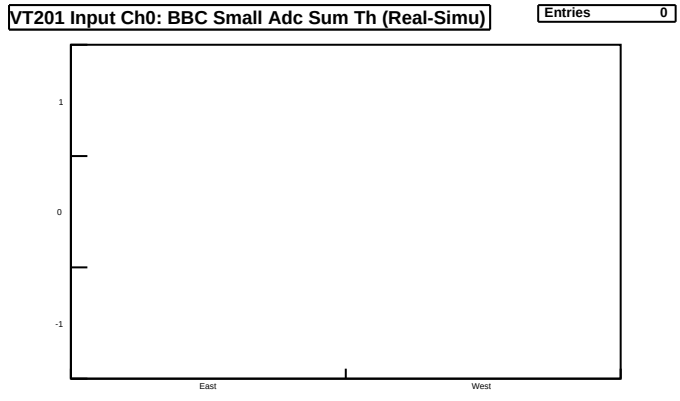

zdcAdcSum
Entries 3298512
30922
4238
24
19
6
4
69290
5498
67
55
41
37
243954
270638
274852
274857
274870
274872
205586
269378
274809
274821
274835
274839
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

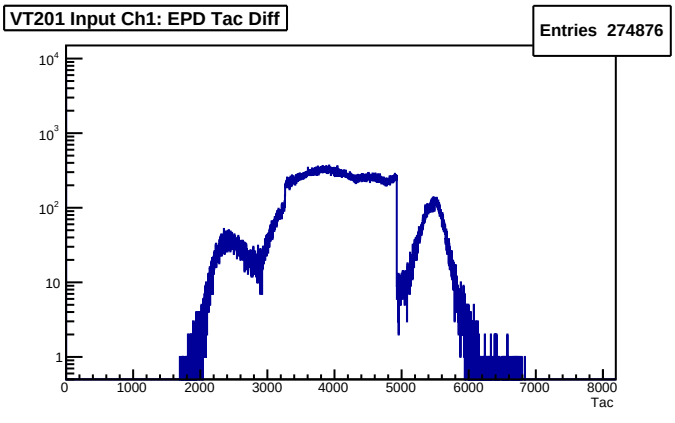

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

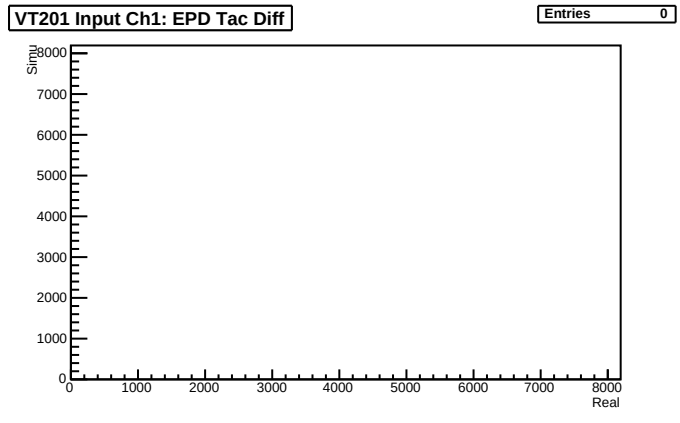

VT201 Input Ch0: BBC Small Tac Diff
Entries 274876
Tac

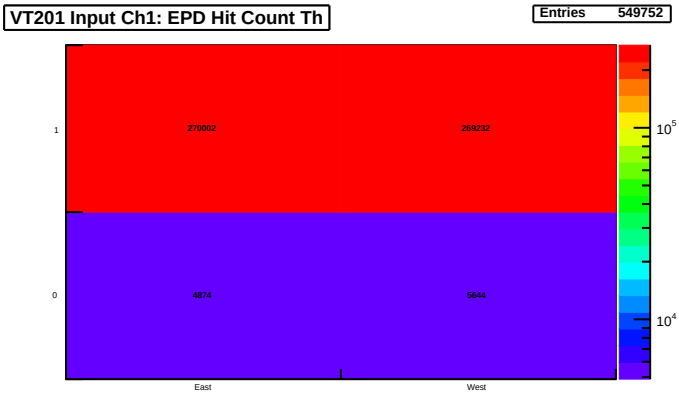

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

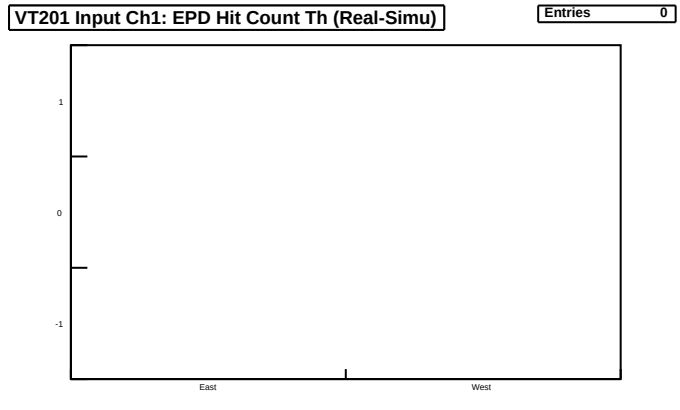

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 549752
215402
240731
59474
34145
East
West

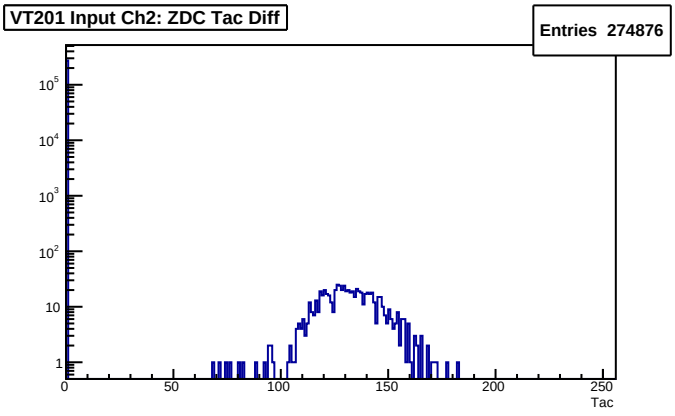

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

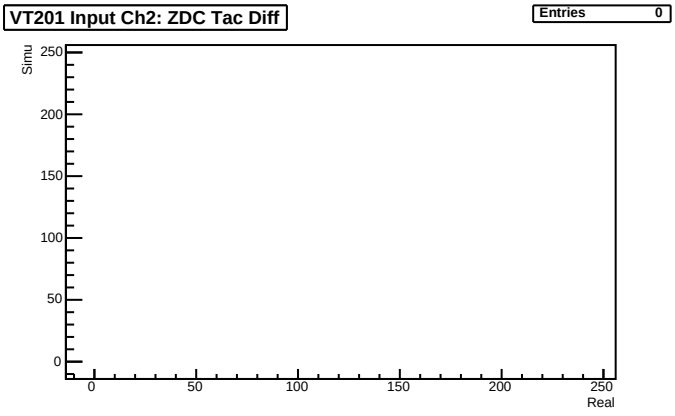

VT201 Input Ch1: EPD Tac Diff
Entries 274876
Tac

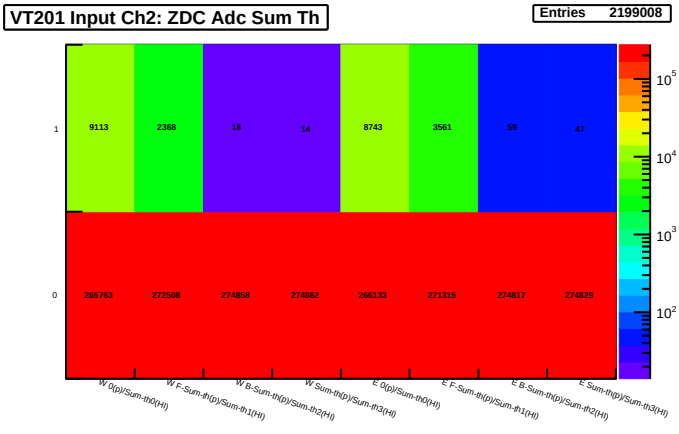

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

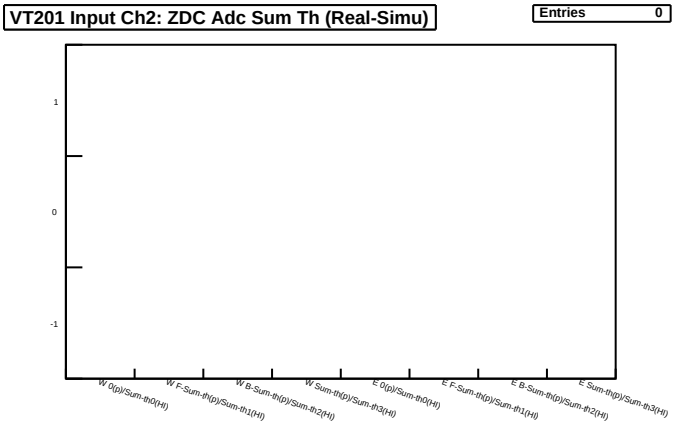

VT201 Input Ch1: EPD Hit Count Th
Entries 549752
270002
269232
4874
5544
East
West

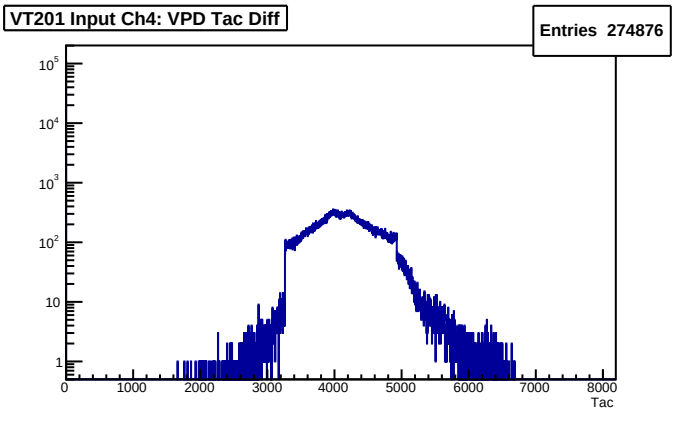

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

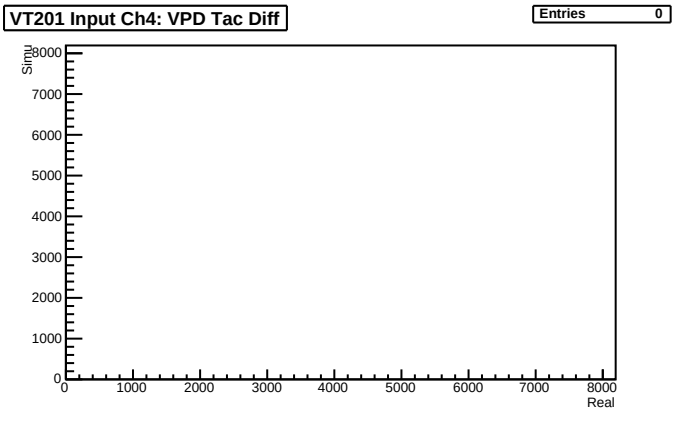

VT201 Input Ch2: ZDC Tac Diff
Entries 274876
Tac

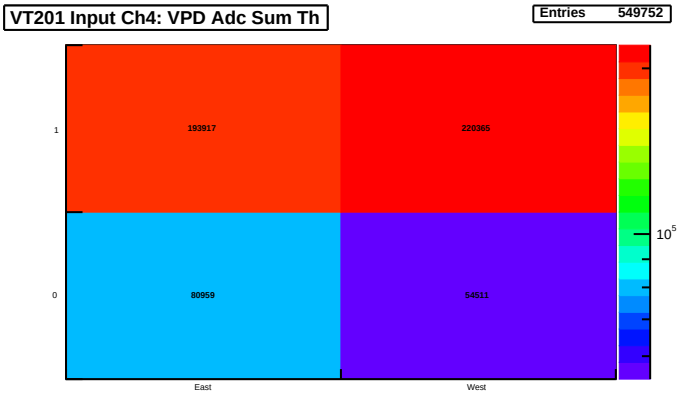

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

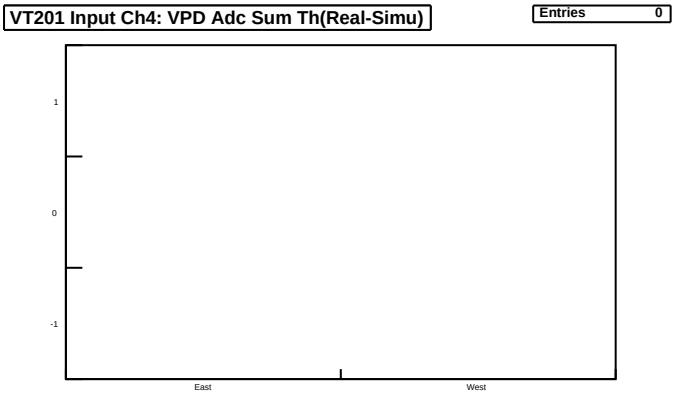

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2199008
9113
2368
18
14
8743
3561
59
47
265763
272508
274858
274862
266133
271315
274817
274829
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

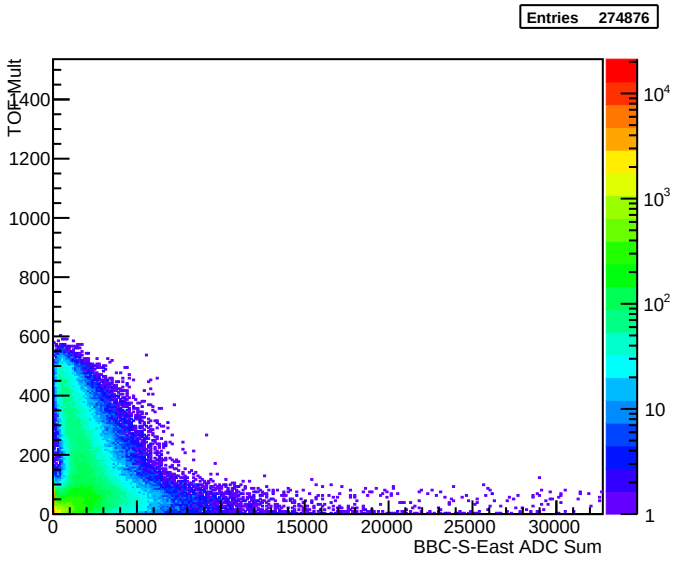

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

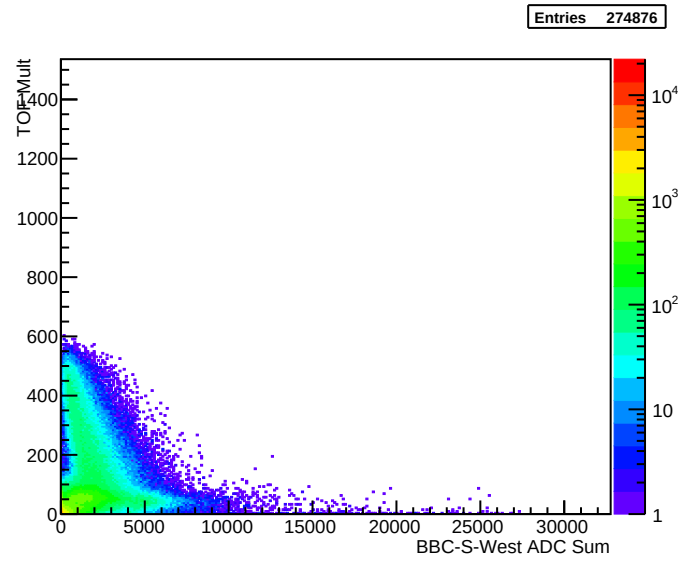

VT201 Input Ch4: VPD Tac Diff
Entries 274876
Tac

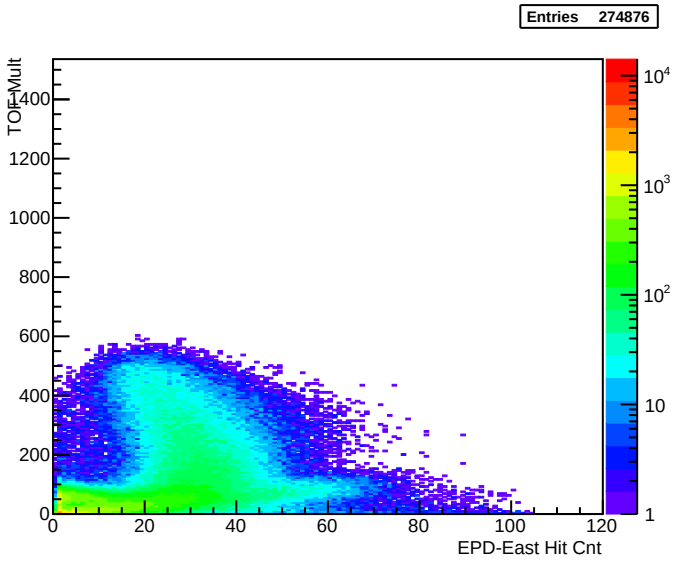

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

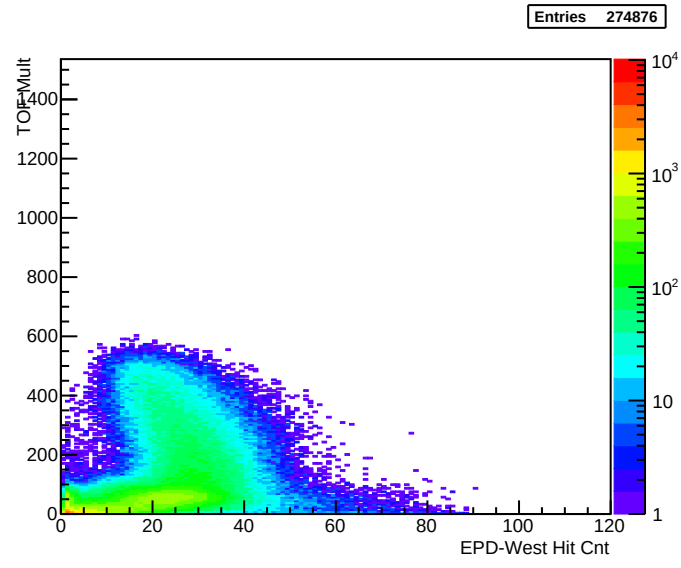

VT201 Input Ch4: VPD Adc Sum Th
Entries 549752
193917
220365
80959
54511
East
West

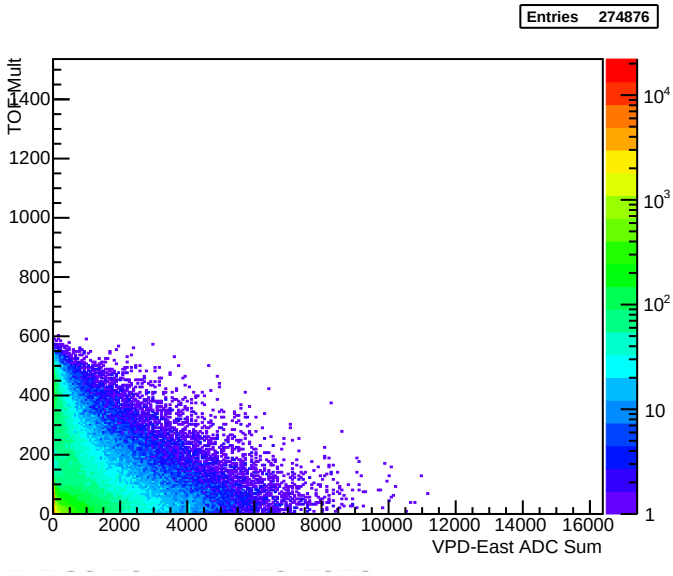

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

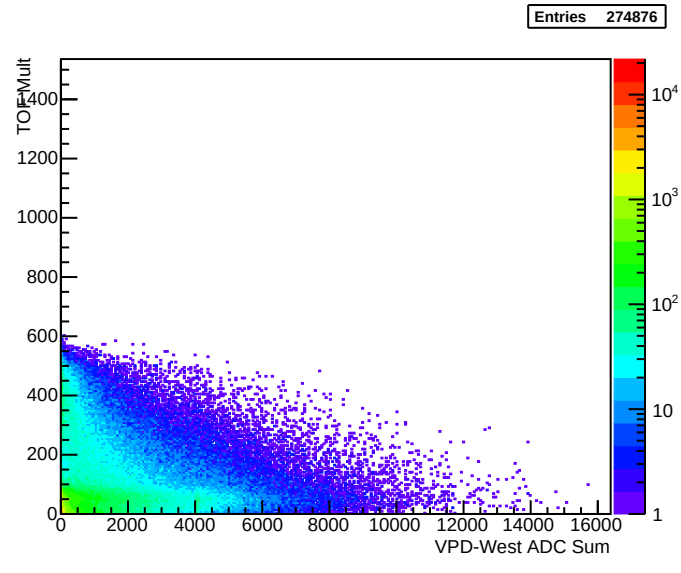

Entries 274876
TOF-Mult
BBC-S-East ADC Sum

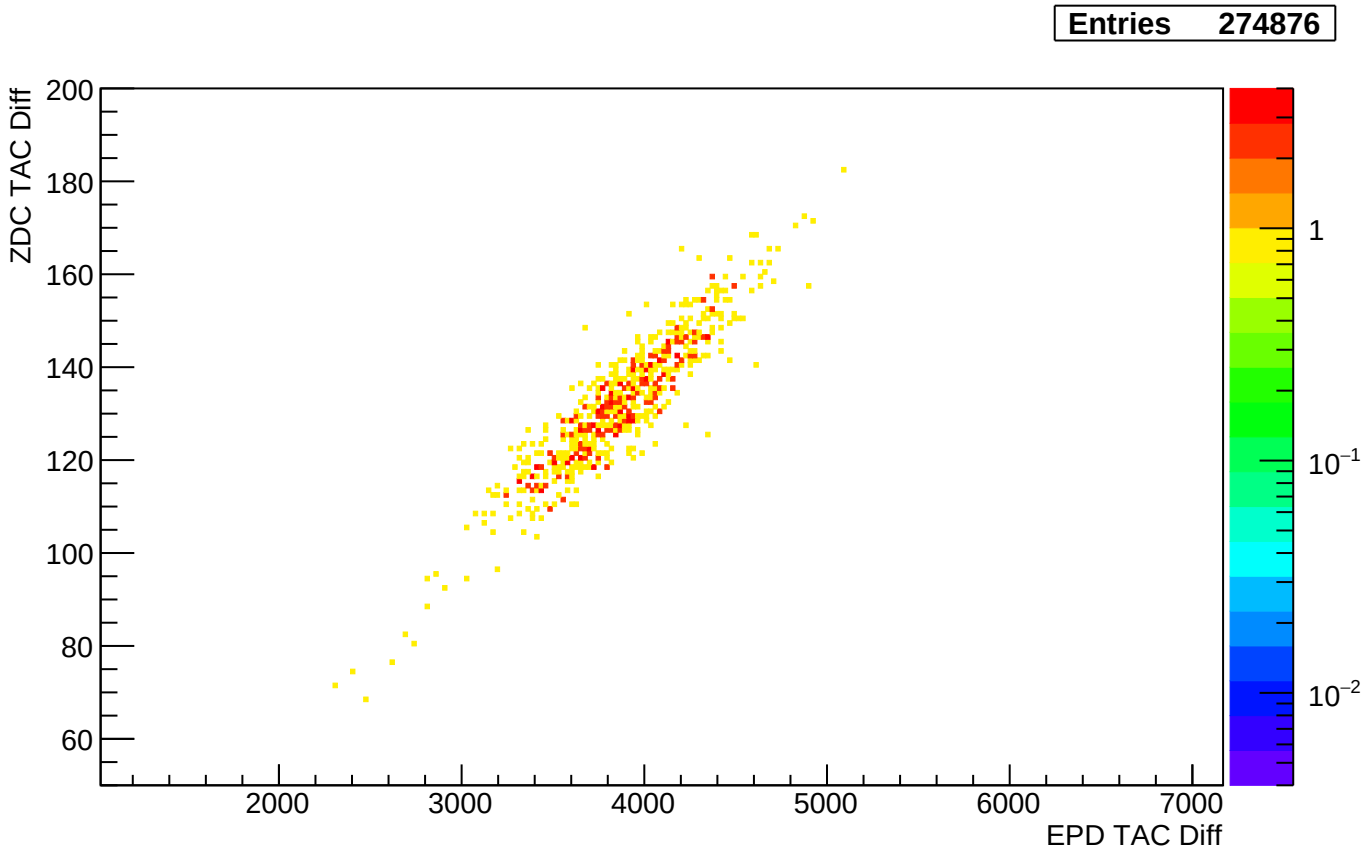

Entries 274876
TOF-Mult
BBC-S-West ADC Sum

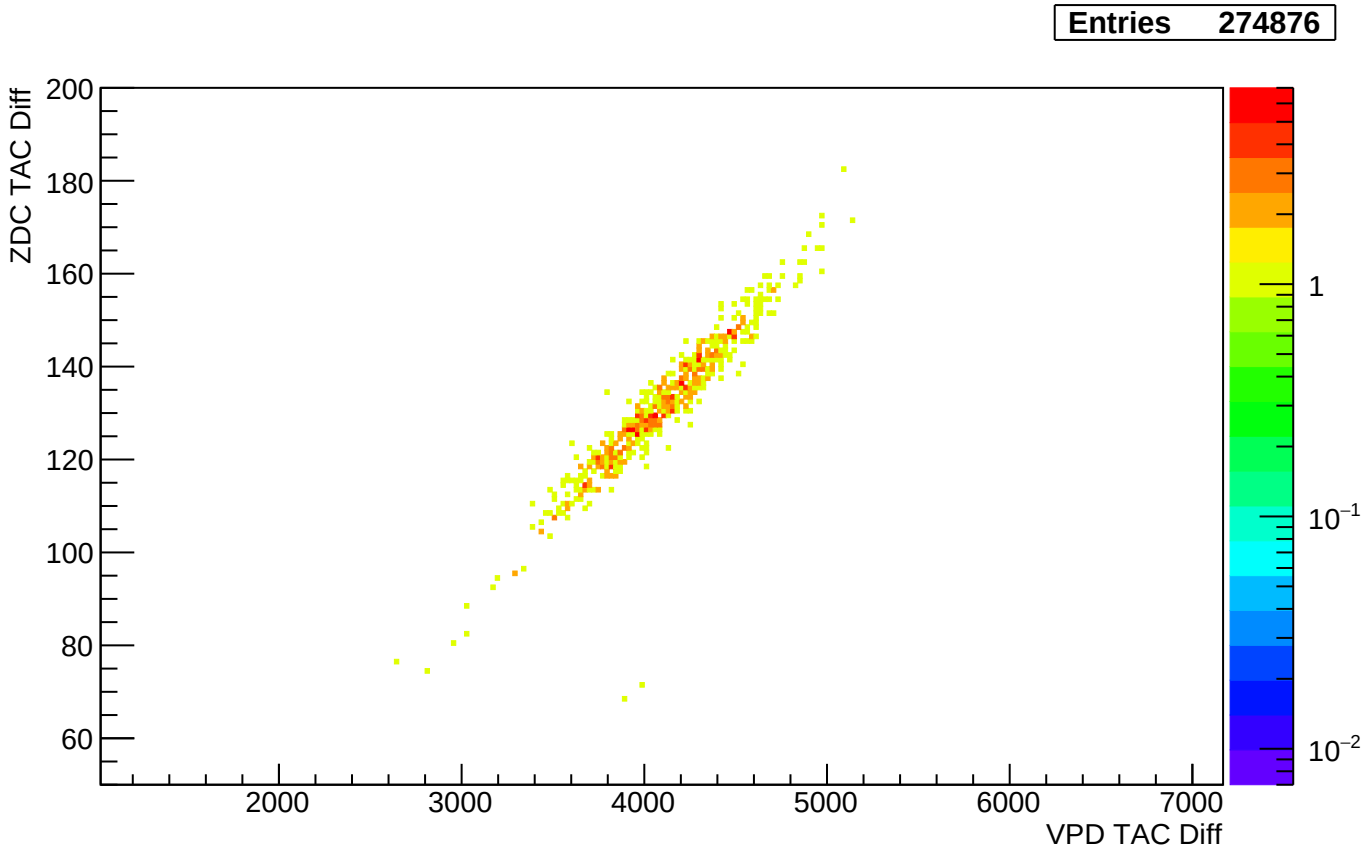

Entries 274876
TOF-Mult
EPD-East Hit Cnt

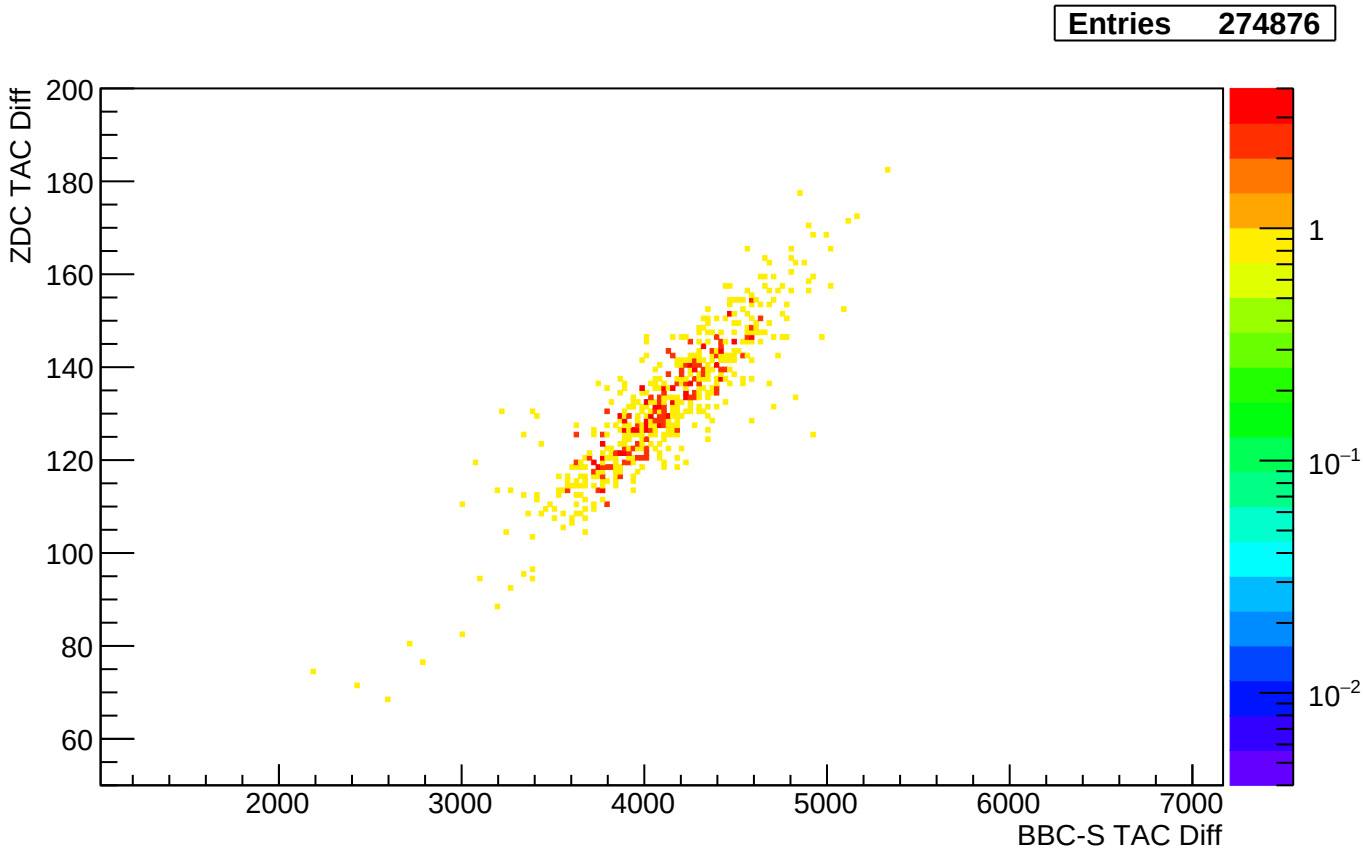

Entries 274876
TOF-Mult
EPD-West Hit Cnt

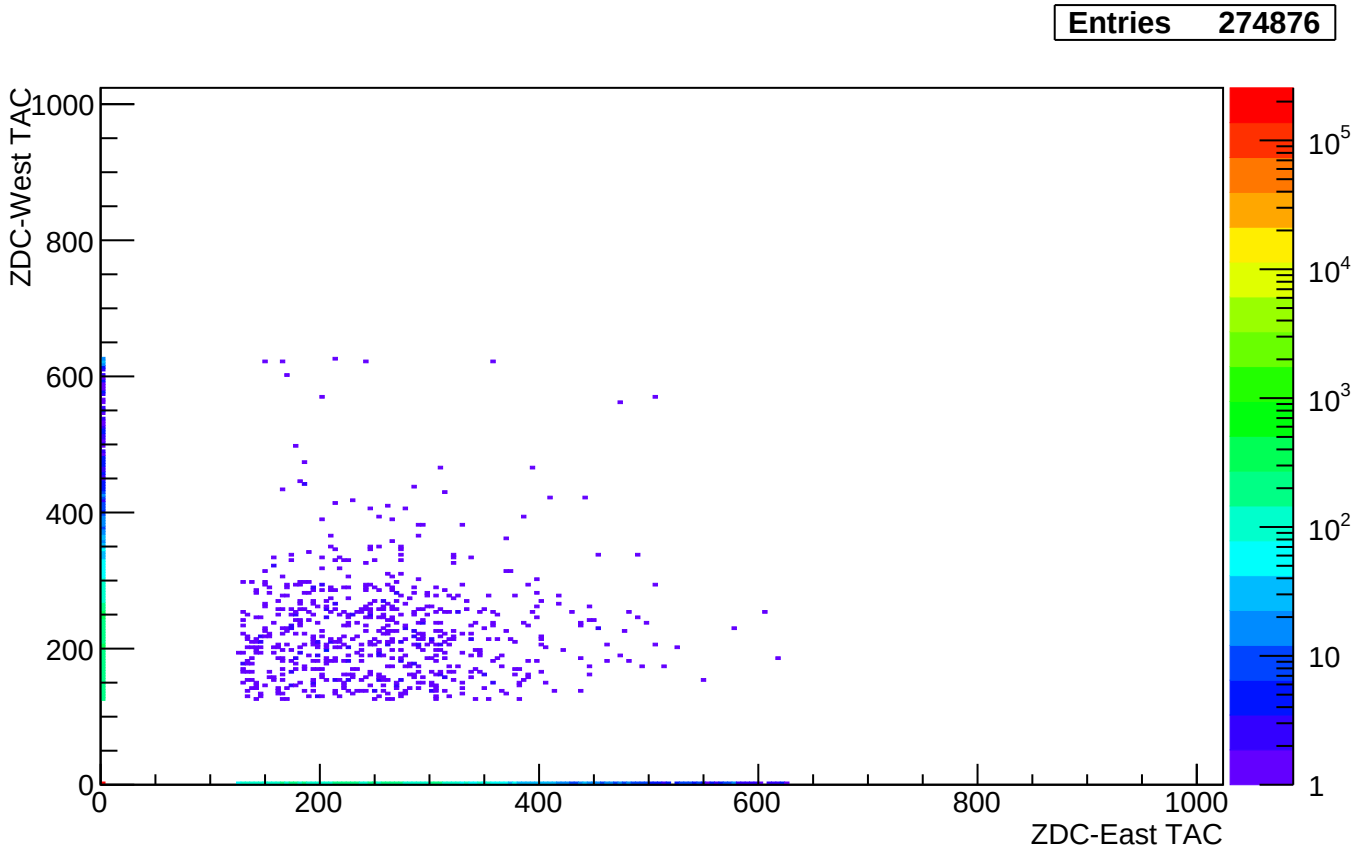

Entries 274876
TOF-Mult
VPD-East ADC Sum

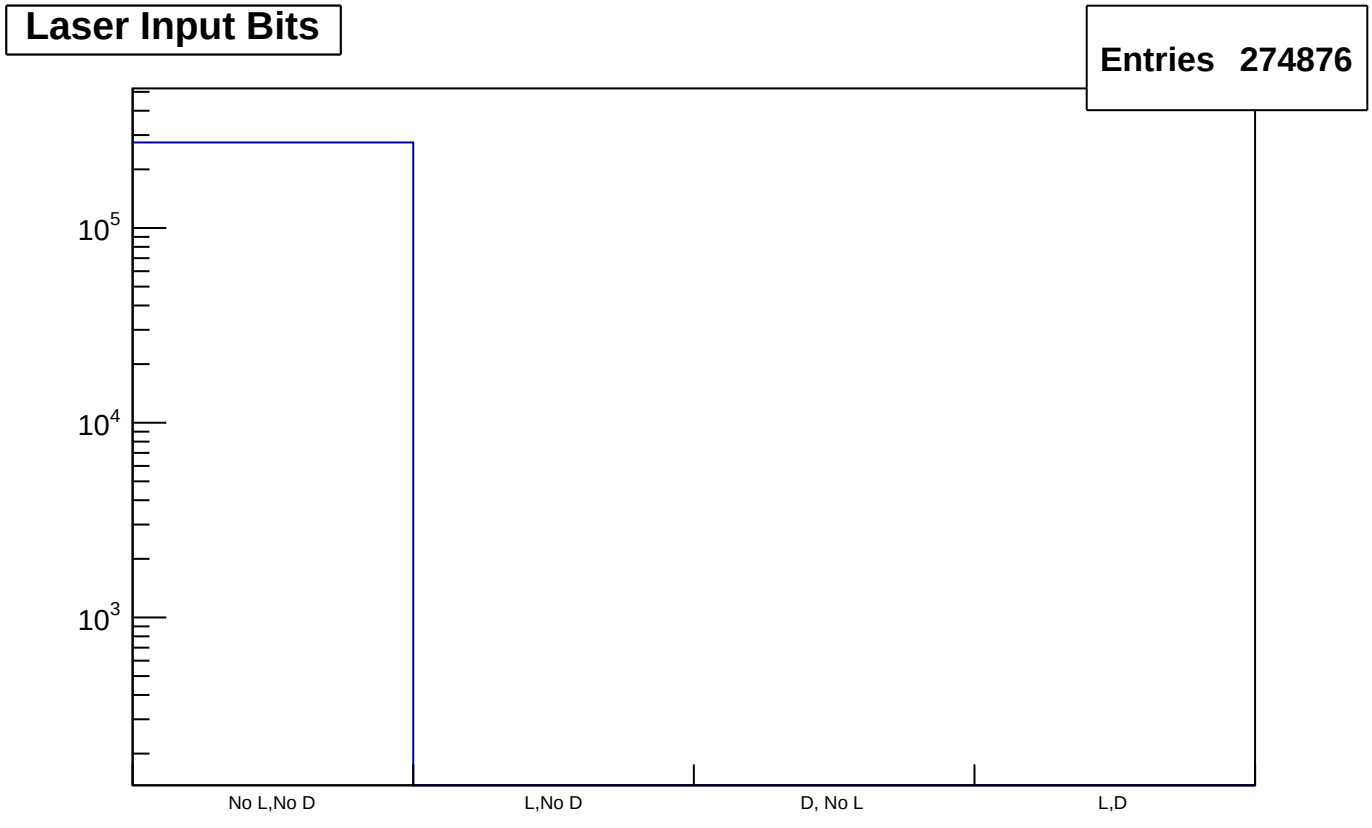

Entries 274876
TOF-Mult
VPD-West ADC Sum

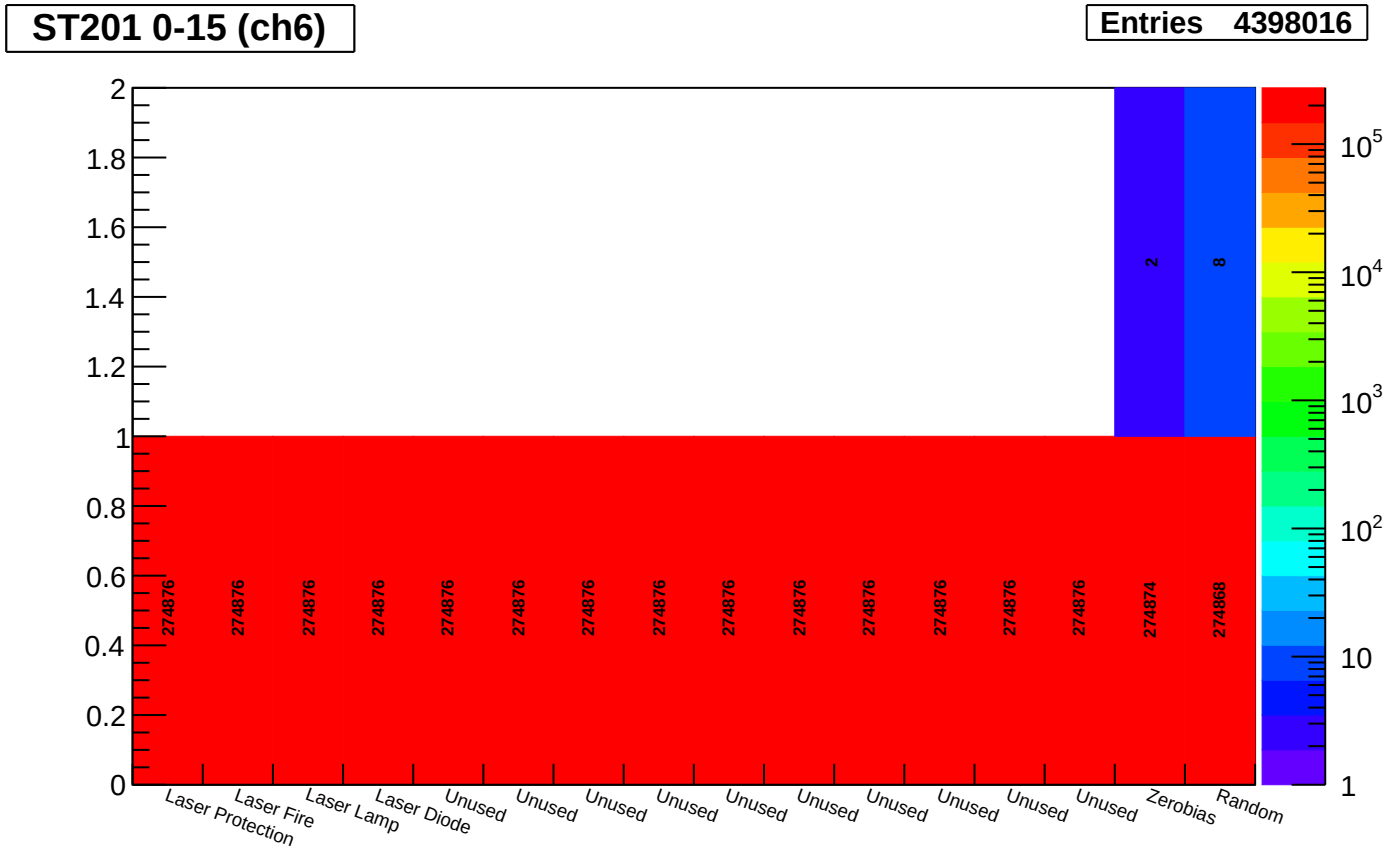

Entries 274876
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

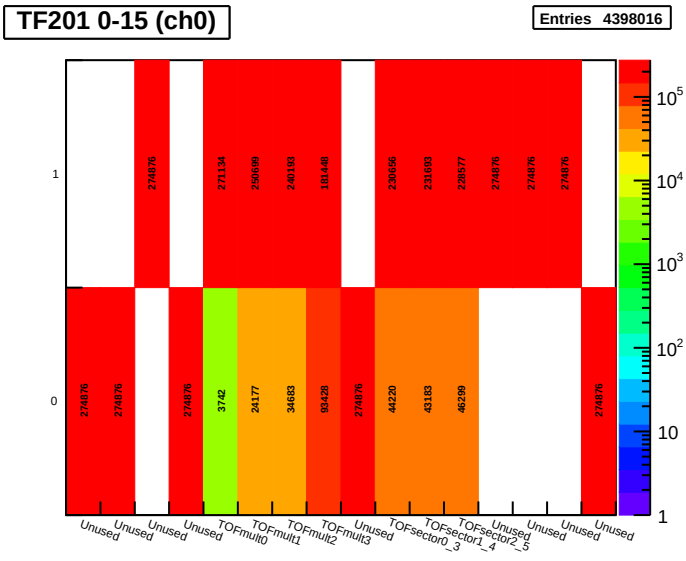

Entries 274876
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

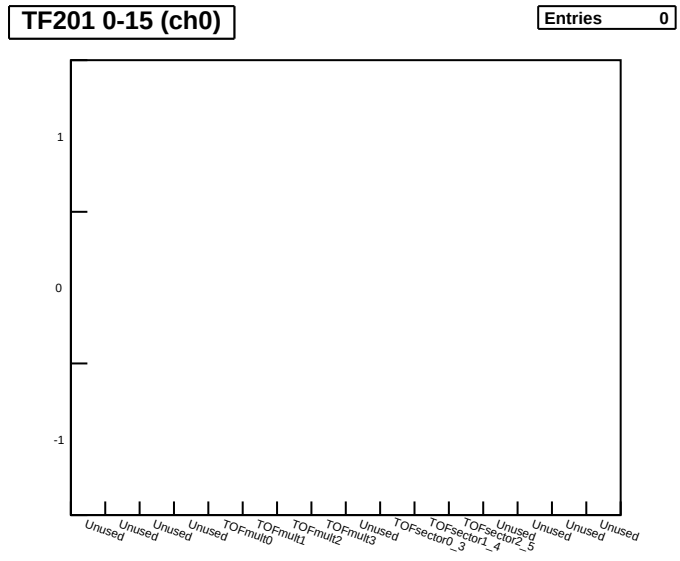

Entries 274876
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

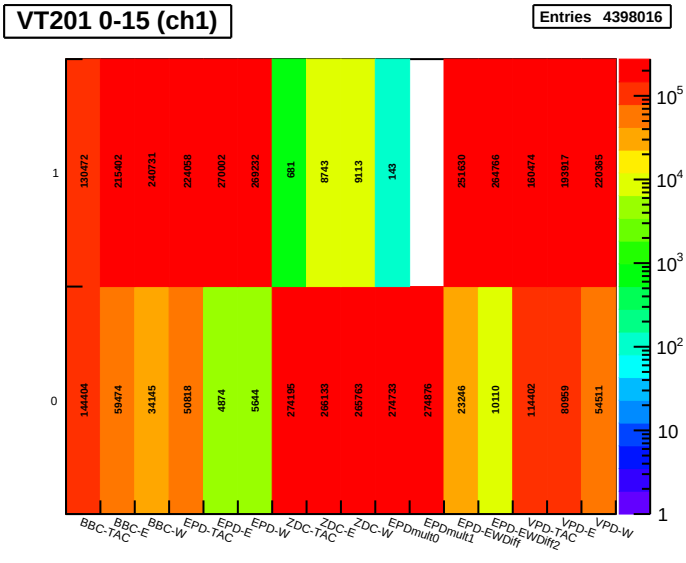

Entries 274876
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

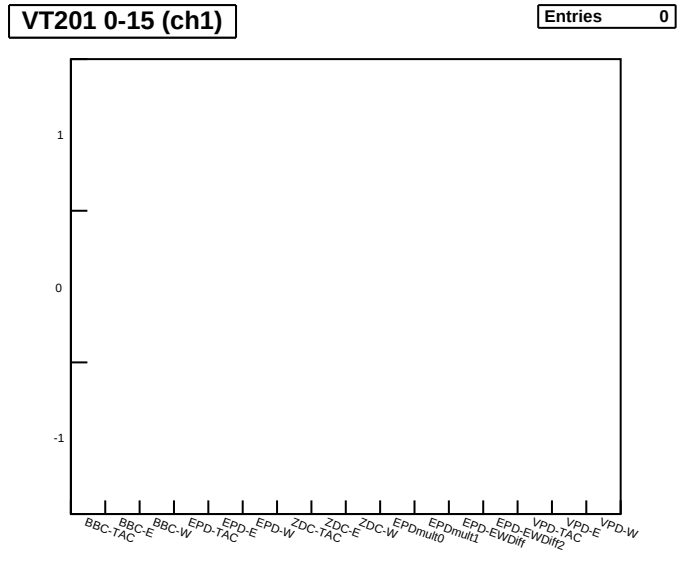

Laser Input Bits
Entries 274876
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

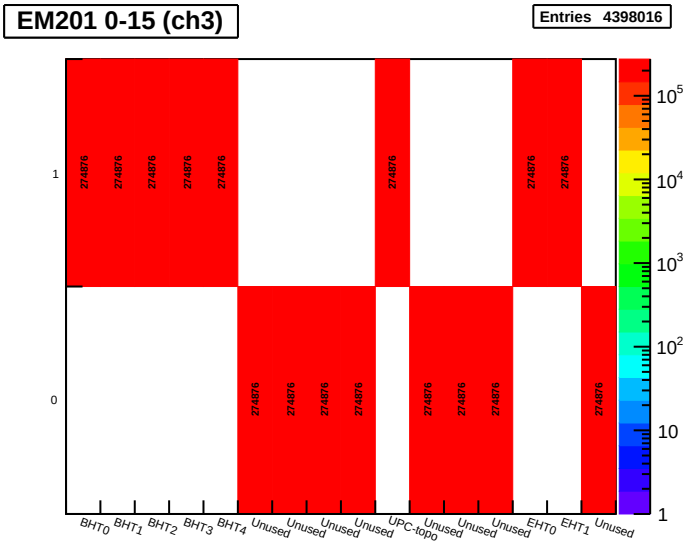

ST201 0-15 (ch6)
Entries 4398016
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
274876
274876
274876
274876
274876
274876
274876
274876
274876
274876
274876
274876
274876
274876
274874
274868
2
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

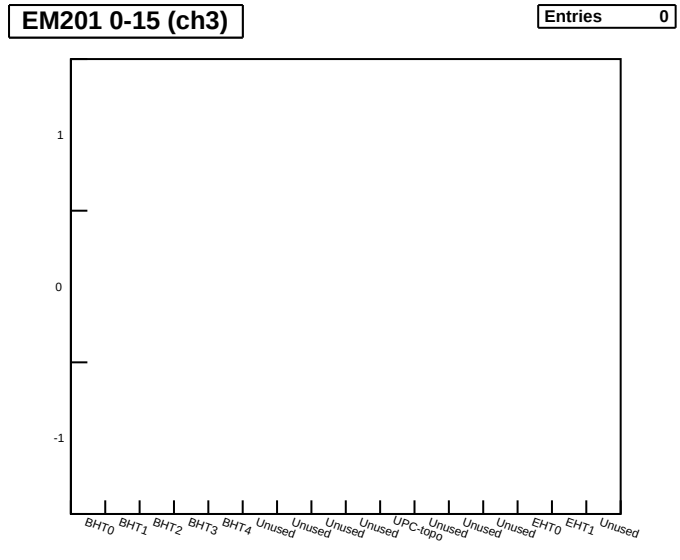

TF201 0-15 (ch0)
Entries 4398016
1
0
274876 271134 250699 240193 181148 230656 231693 228577 274876 274876 274876
274876 274876 274876 3742 24177 34683 93428 274876 44220 43183 46299 274876
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 4398016
1
0
130472 215402 240731 224058 270002 269232 681 8743 9113 143 251630 264766 160474 193917 220365
144404 59474 34145 50818 4874 5644 274195 266133 265763 274733 274876 23246 10110 114402 80999 54511
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 4398016
1
0
274876 274876 274876 274876 274876 274876 274876 274876
274876 274876 274876 274876 274876 274876 274876 274876
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