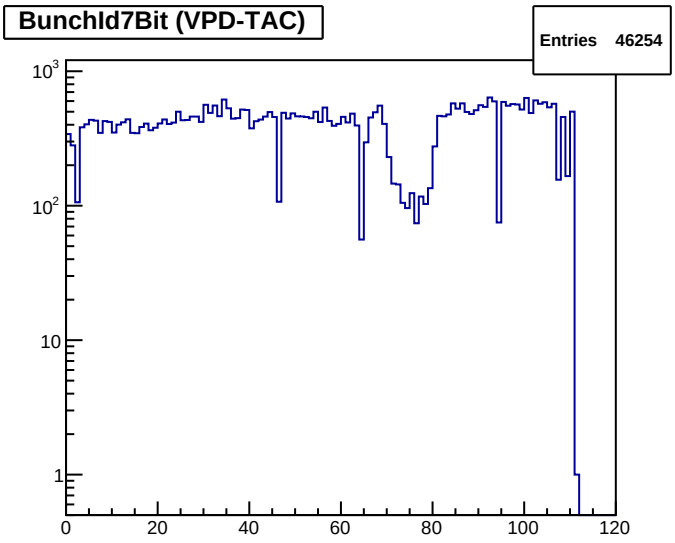
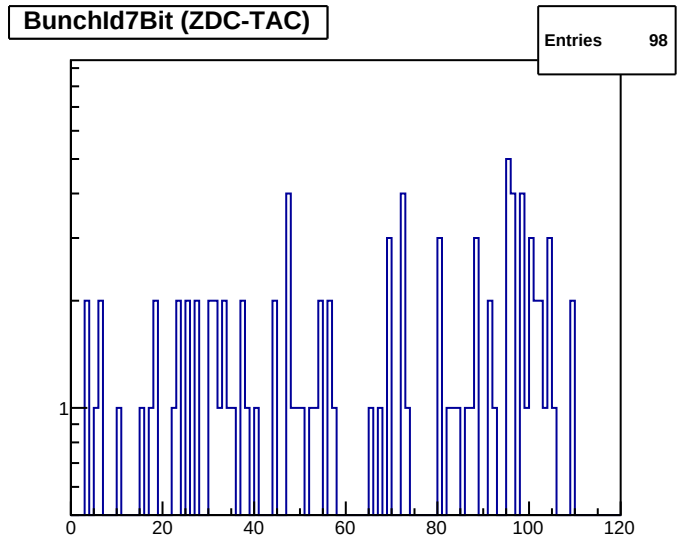
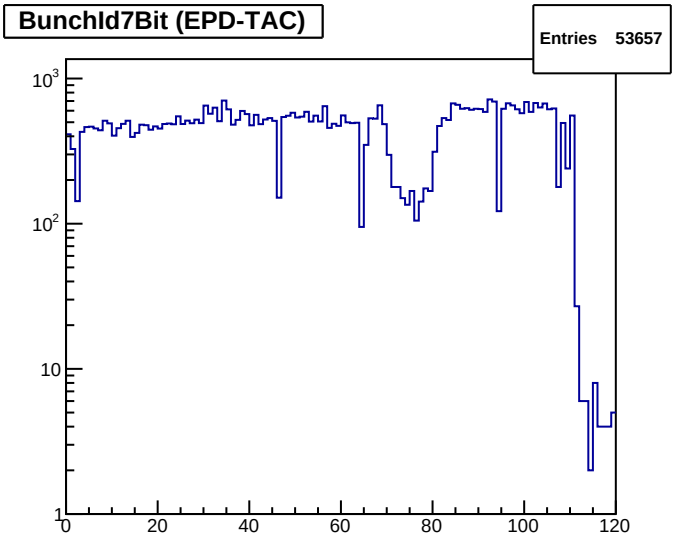
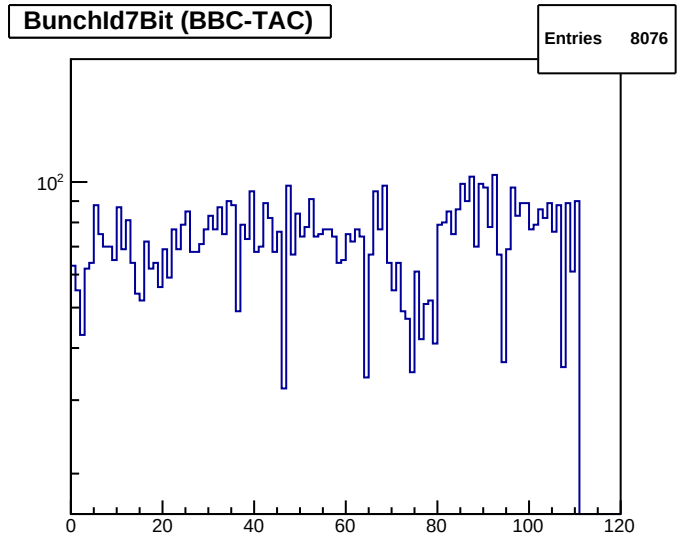
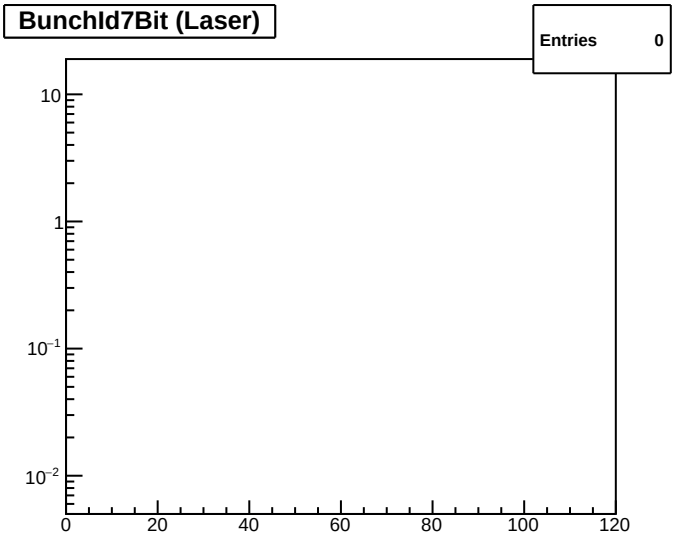
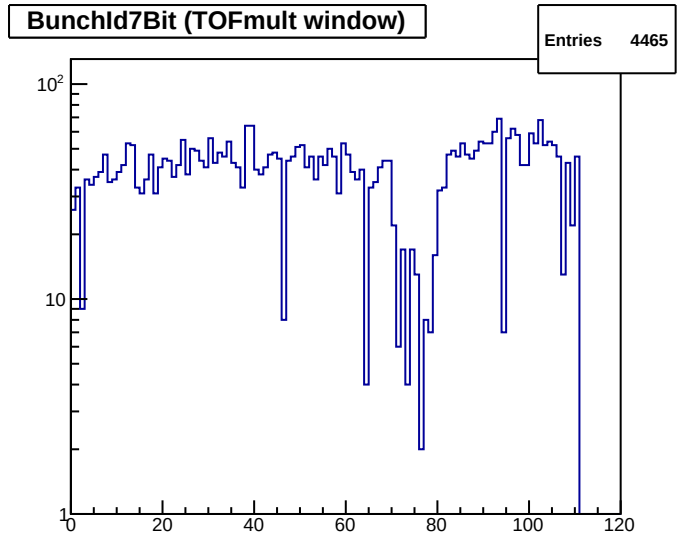

BunchId7Bit (VPD-TAC)
Entries 46254

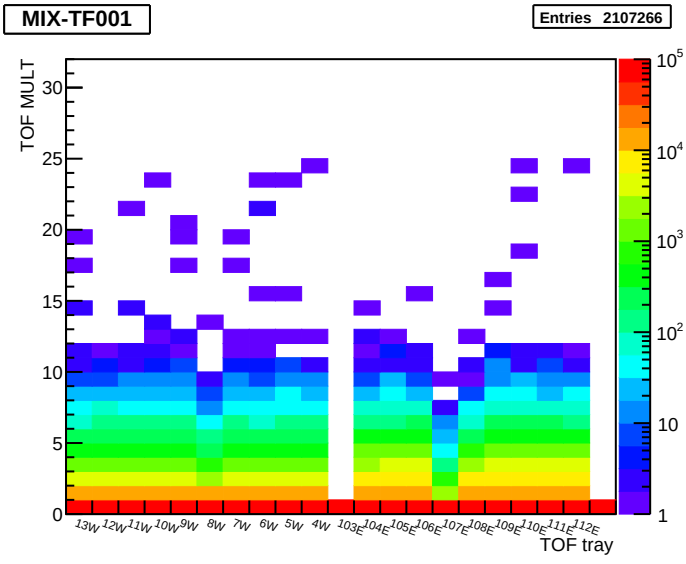

BunchId7Bit (ZDC-TAC)
Entries 98

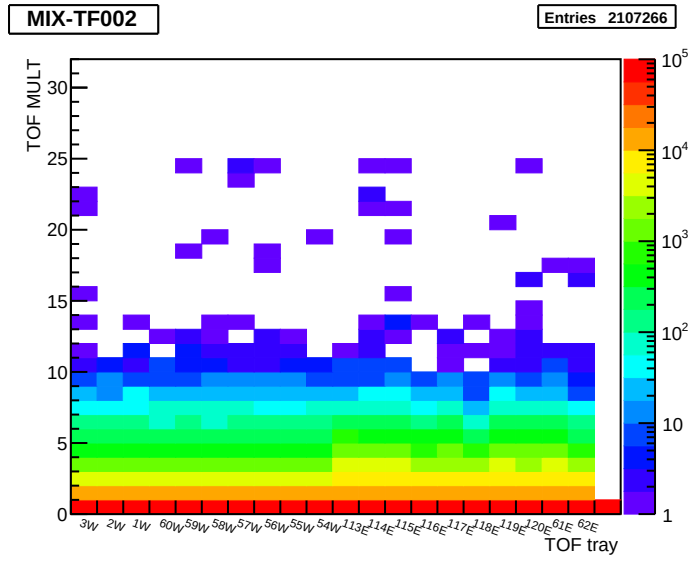

BunchId7Bit (EPD-TAC)
Entries 53657

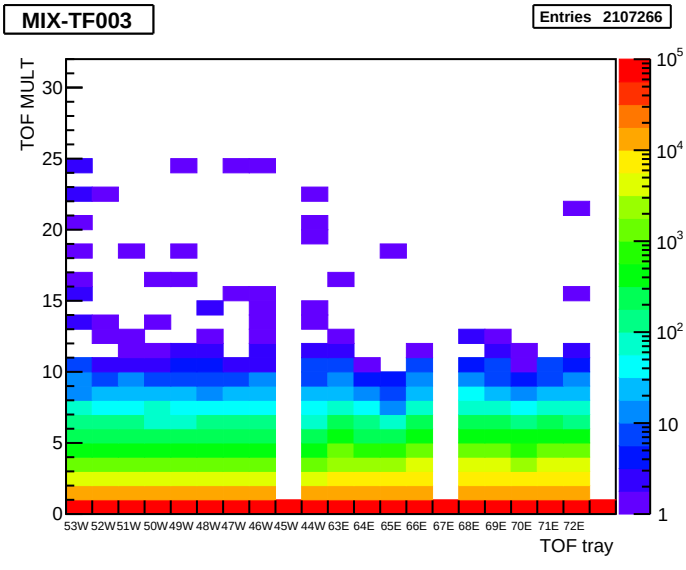

BunchId7Bit (BBC-TAC)
Entries 8076

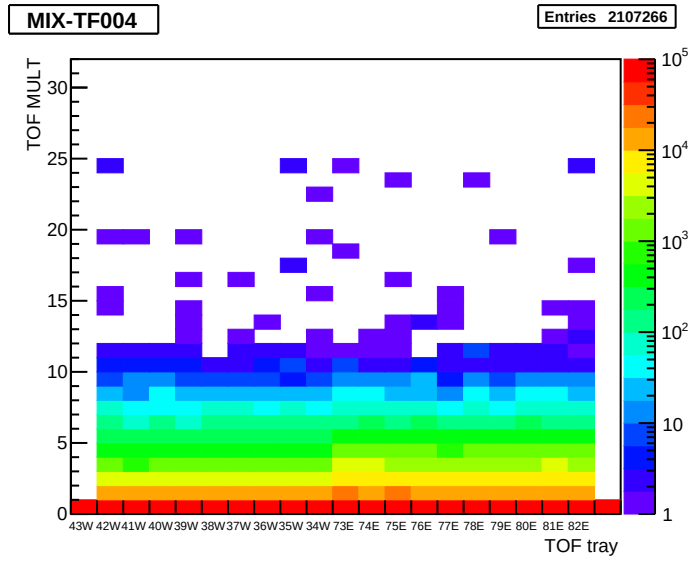

BunchId7Bit (Laser)
Entries 0

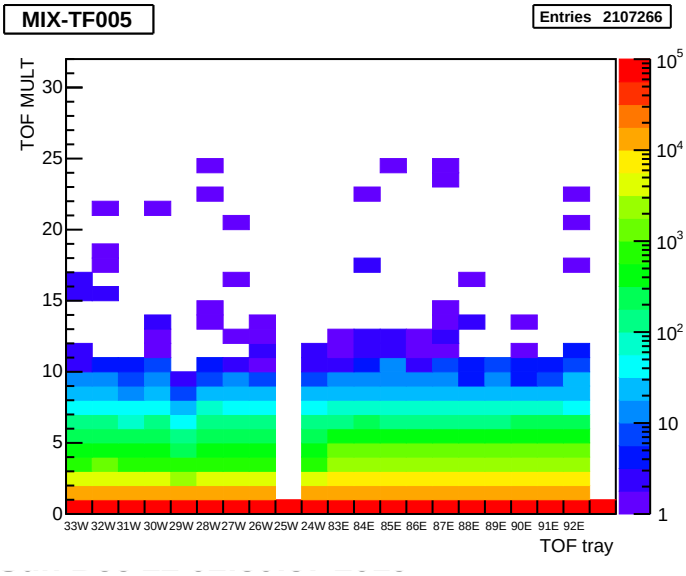

BunchId7Bit (TOFmult window)
Entries 4465

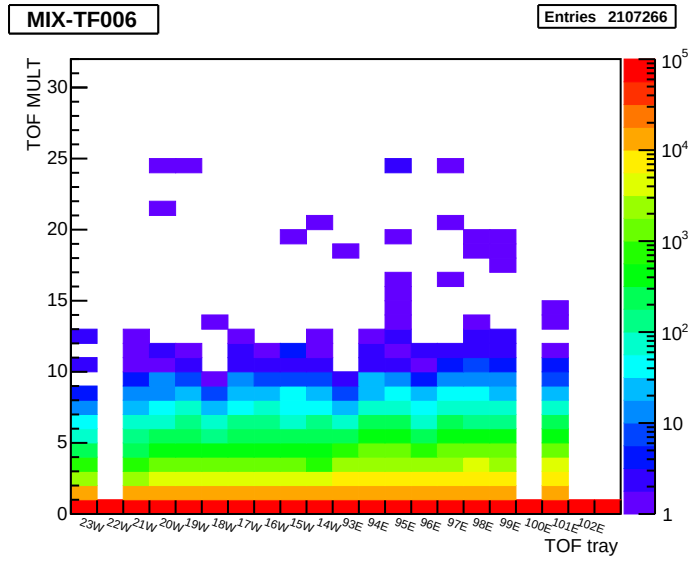

MIX-TF001
Entries 2107266
TOF MULT
TOF tray

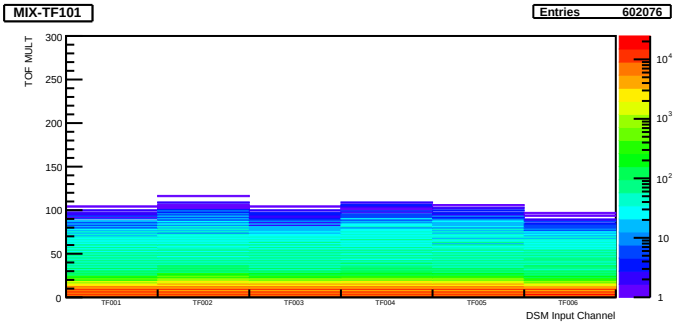

MIX-TF002
Entries 2107266
TOF MULT
TOF tray

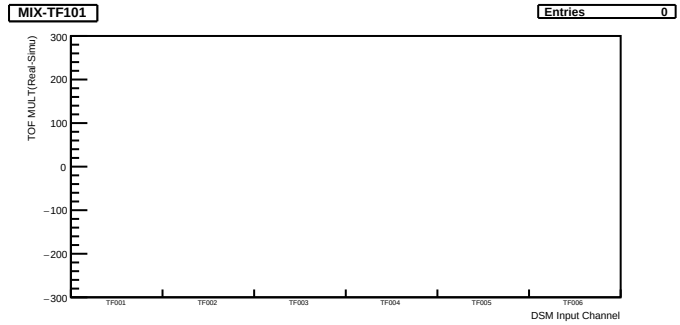

MIX-TF003
Entries 2107266
TOF MULT
TOF tray

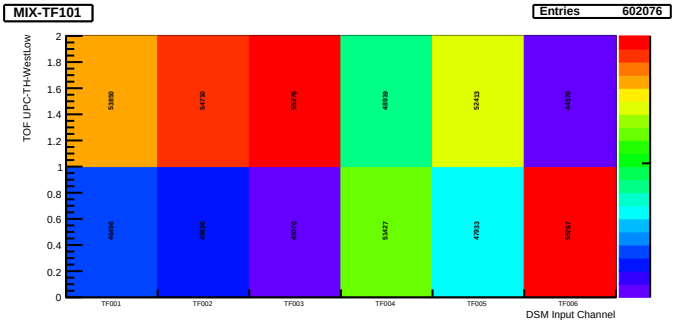

MIX-TF004
Entries 2107266
TOF MULT
TOF tray

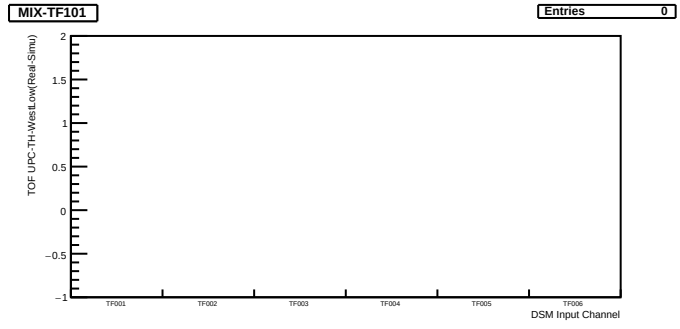

MIX-TF005
Entries 2107266
TOF MULT
TOF tray

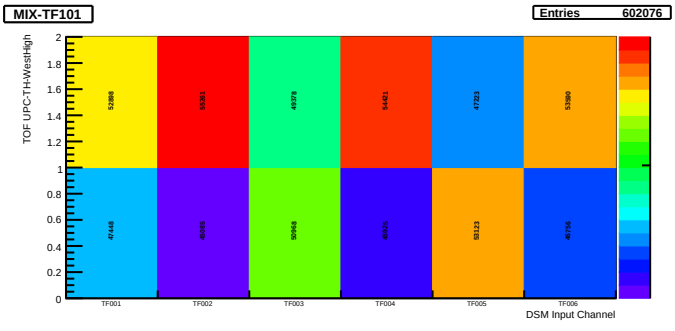

MIX-TF006
Entries 2107266
TOF MULT
TOF tray

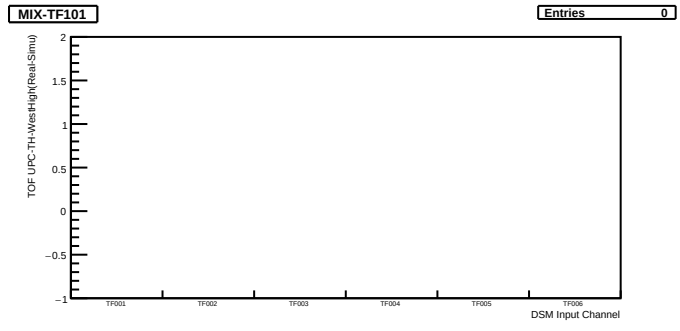

MIX-TF101
Entries 602076
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

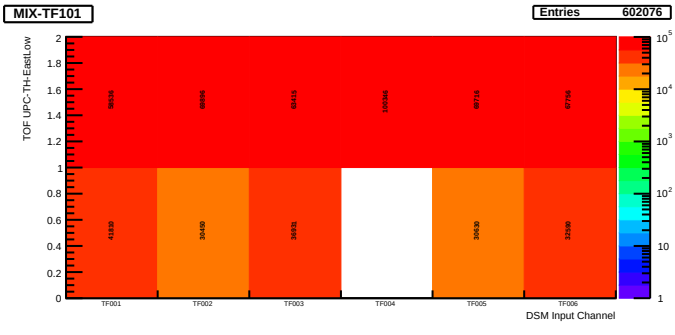

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

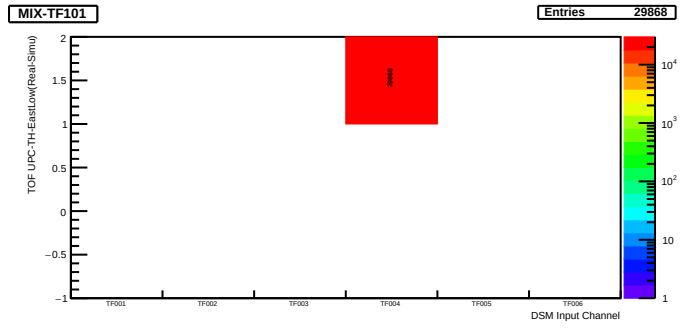

MIX-TF101
Entries 602076
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

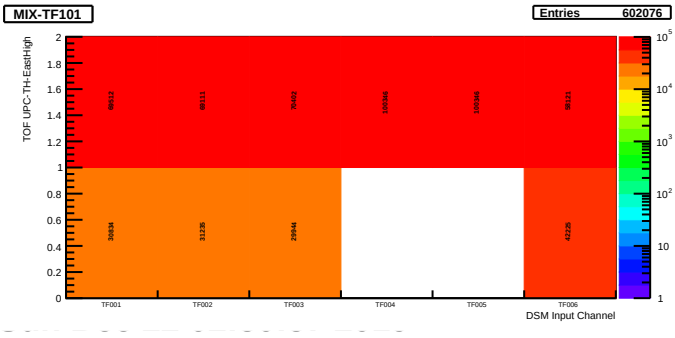

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

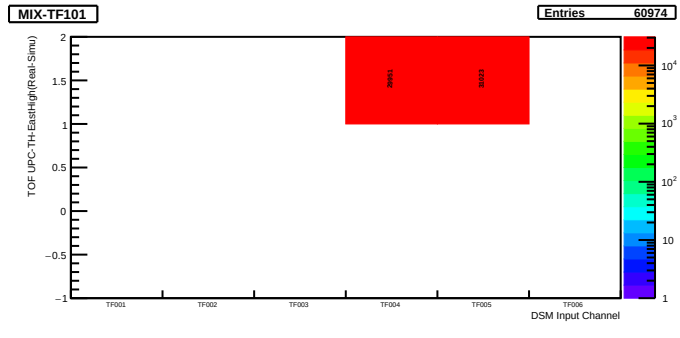

MIX-TF101
Entries 602076
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

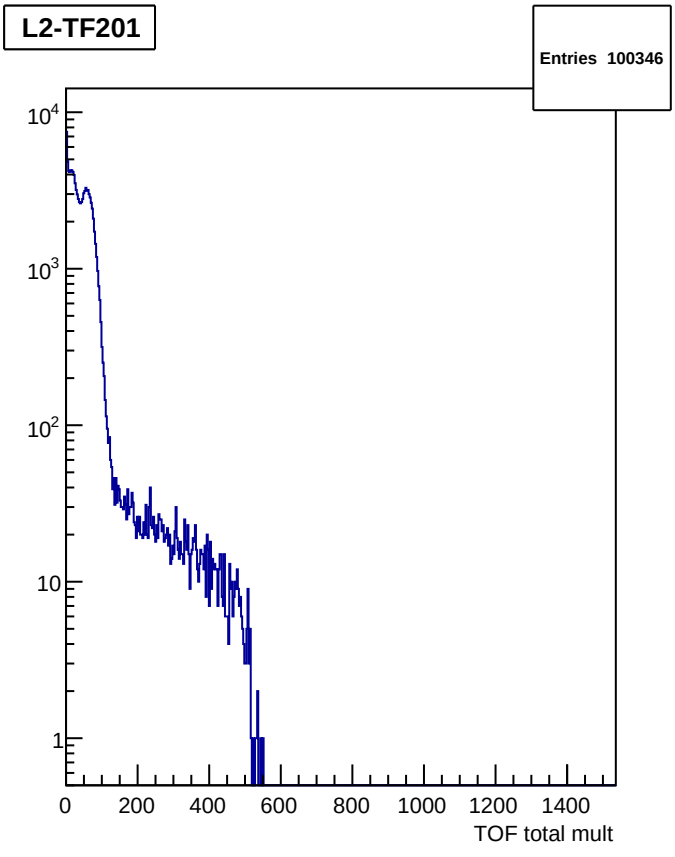

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

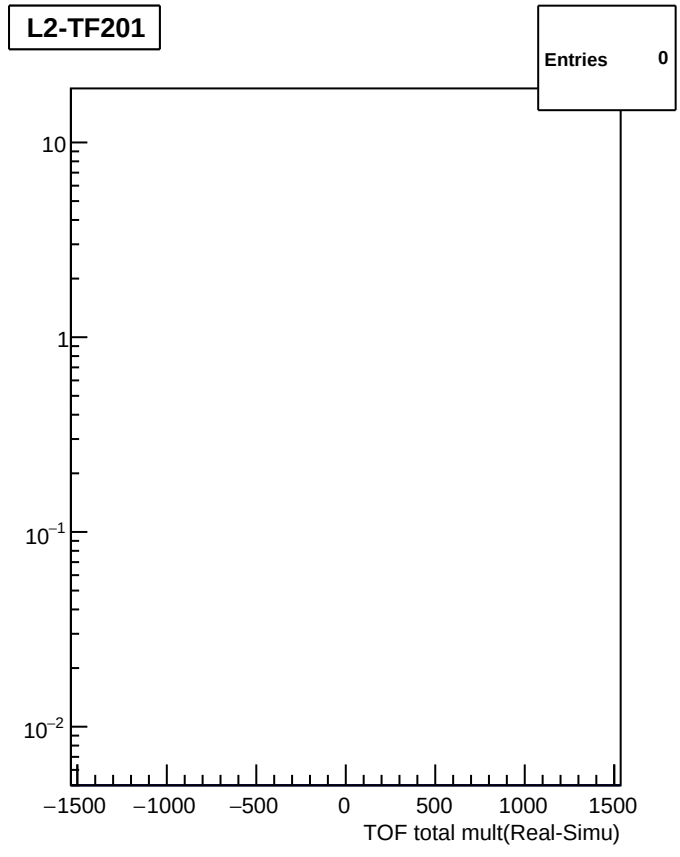

MIX-TF101
Entries 602076
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

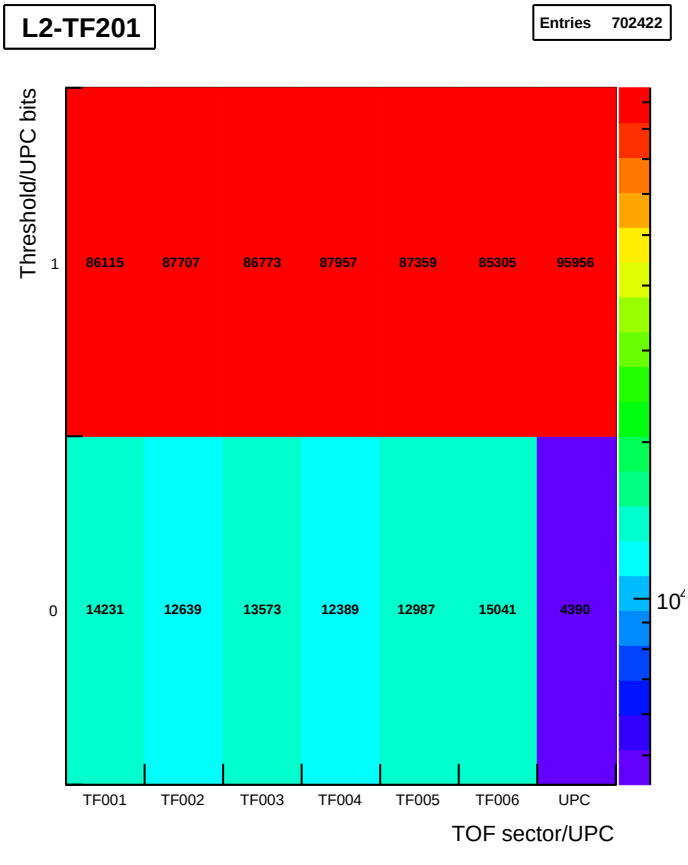

MIX-TF101
Entries 29868
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

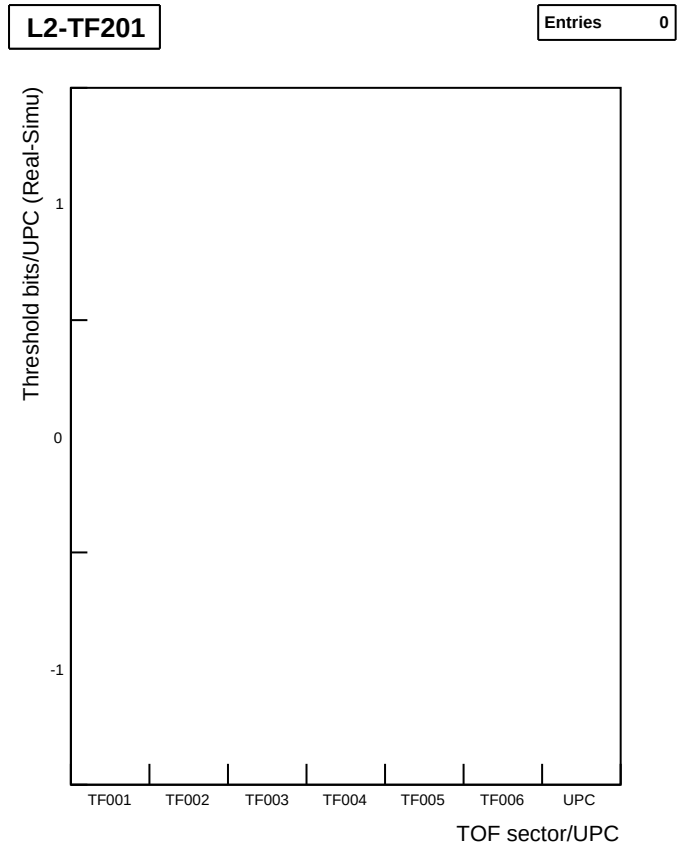

MIX-TF101
Entries 602076
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

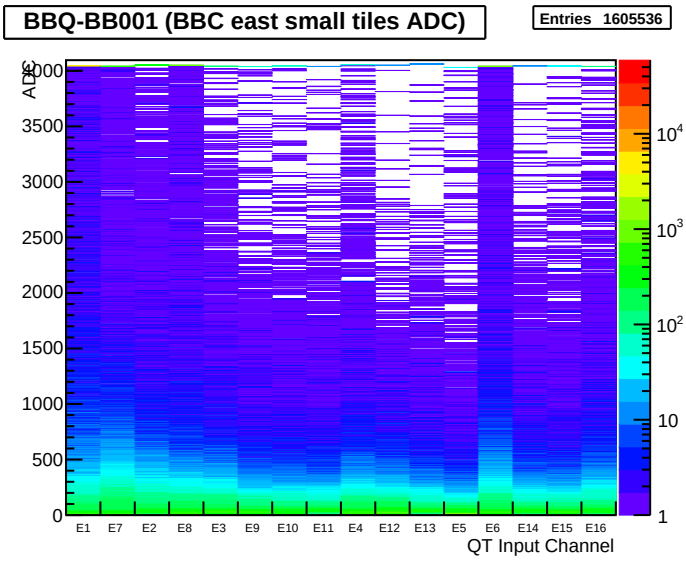

MIX-TF101
Entries 60974
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

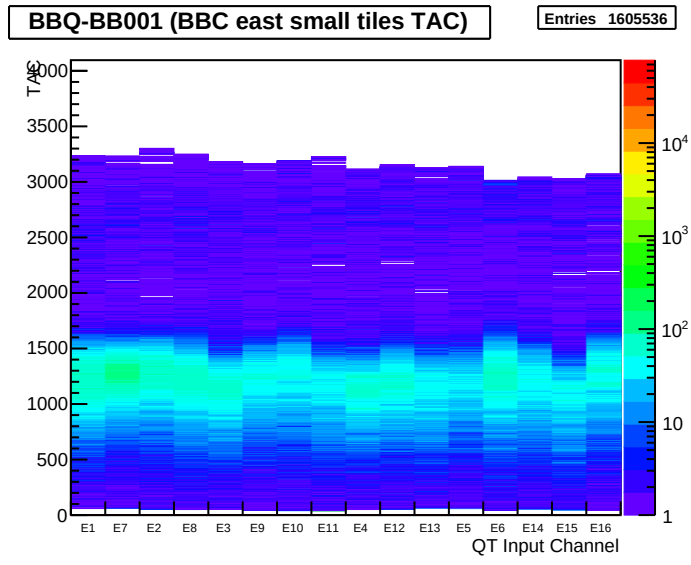

L2-TF201
Entries 100346
TOF total mult

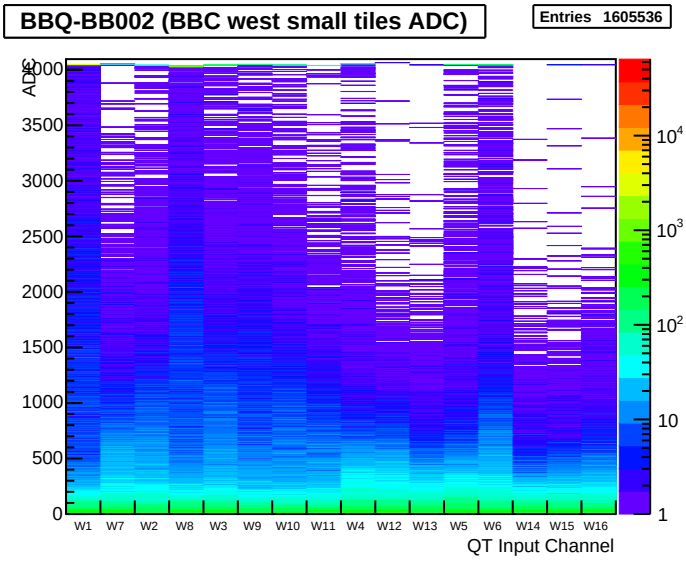

L2-TF201
Entries 0
TOF total mult(Real-Simu)

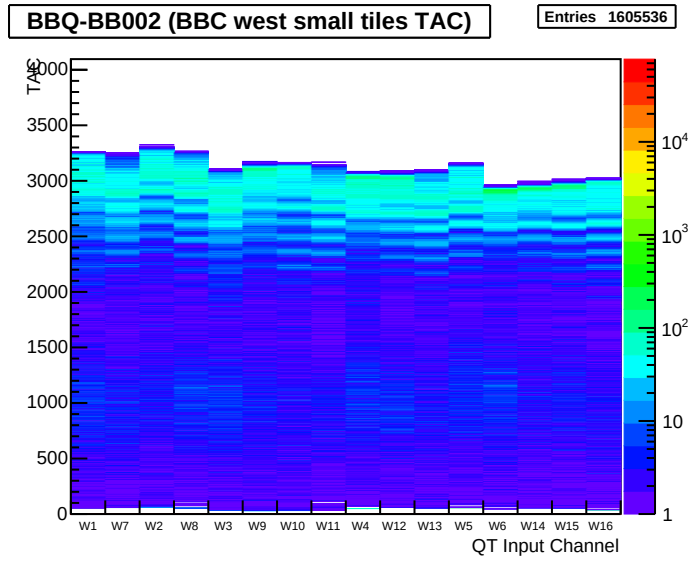

L2-TF201
Entries 702422
Threshold/UPC bits
86115
87707
86773
87957
87359
85305
95956
14231
12639
13573
12389
12987
15041
4390
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

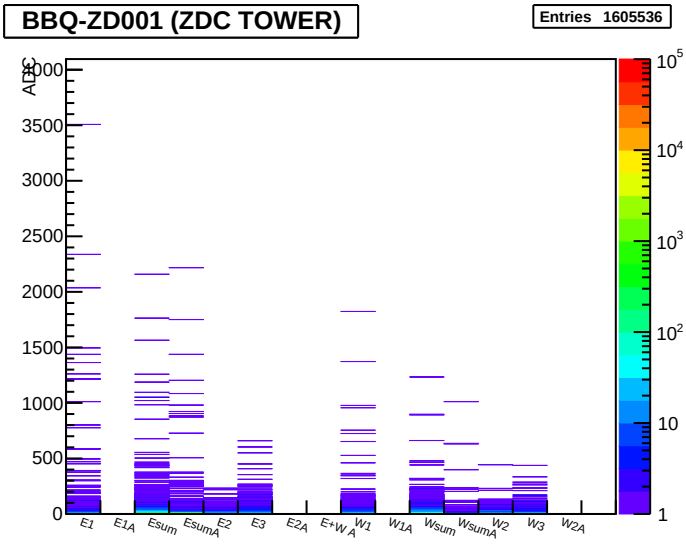

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

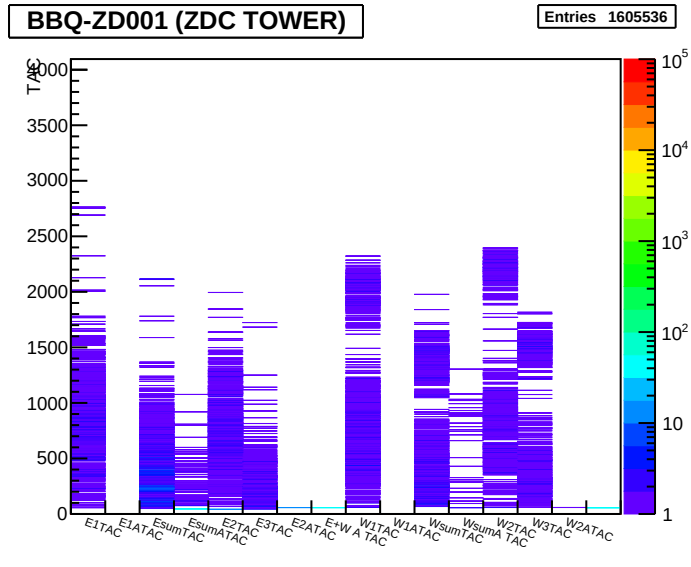

BBQ-BB001 (BBC east small tiles ADC)
Entries 1605536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

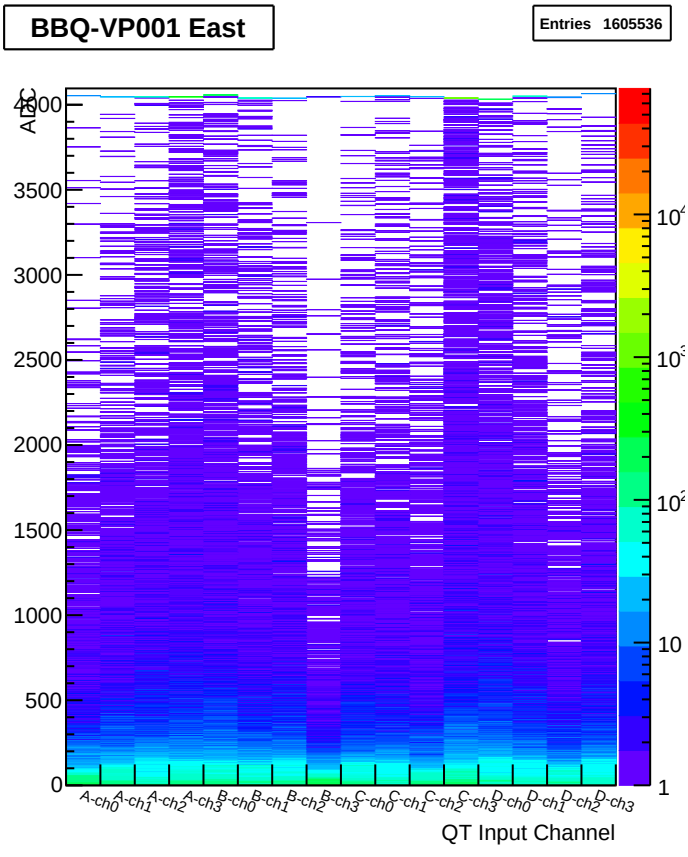

BBQ-BB001 (BBC east small tiles TAC)
Entries 1605536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

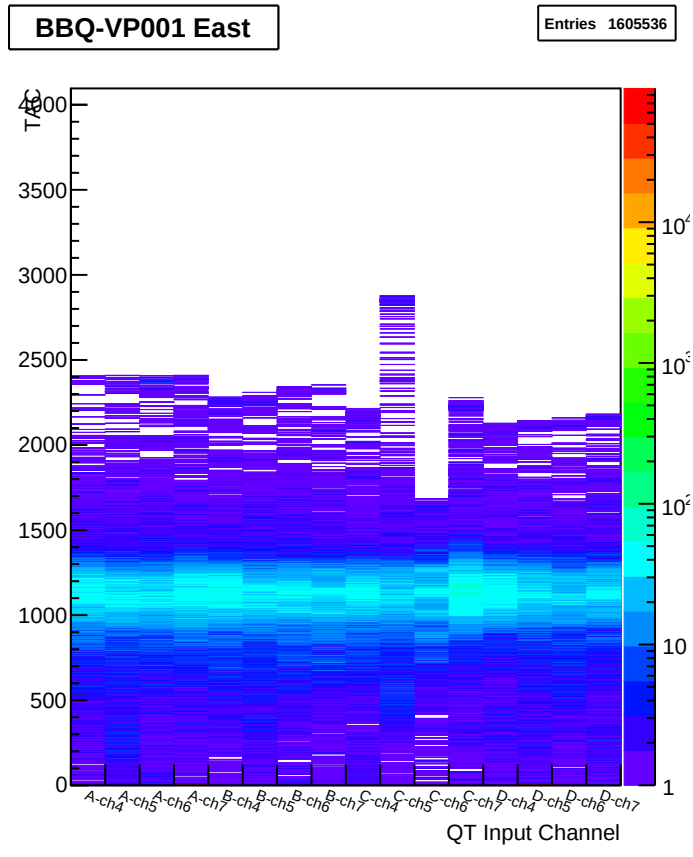

BBQ-BB002 (BBC west small tiles ADC)
Entries 1605536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

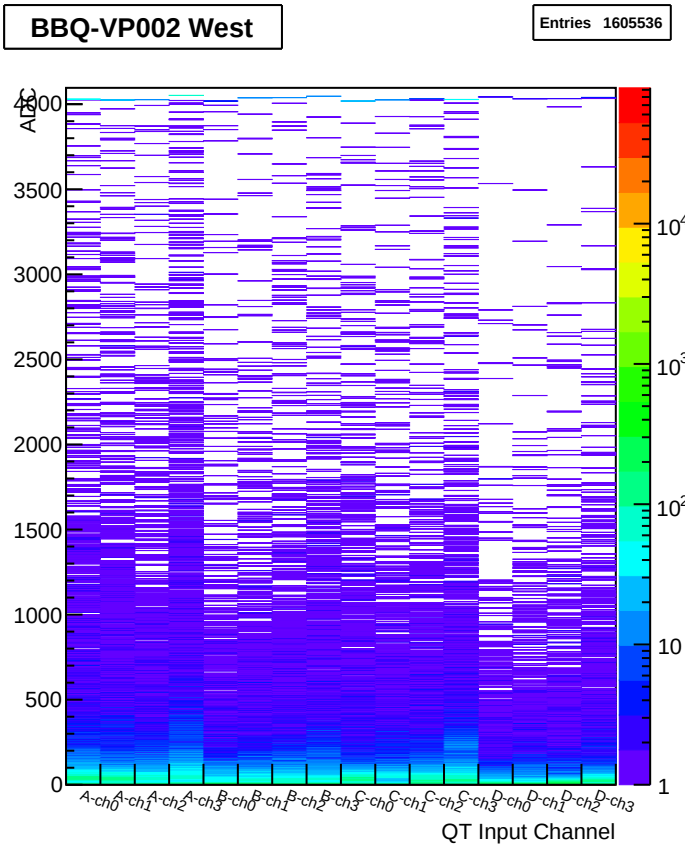

BBQ-BB002 (BBC west small tiles TAC)
Entries 1605536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

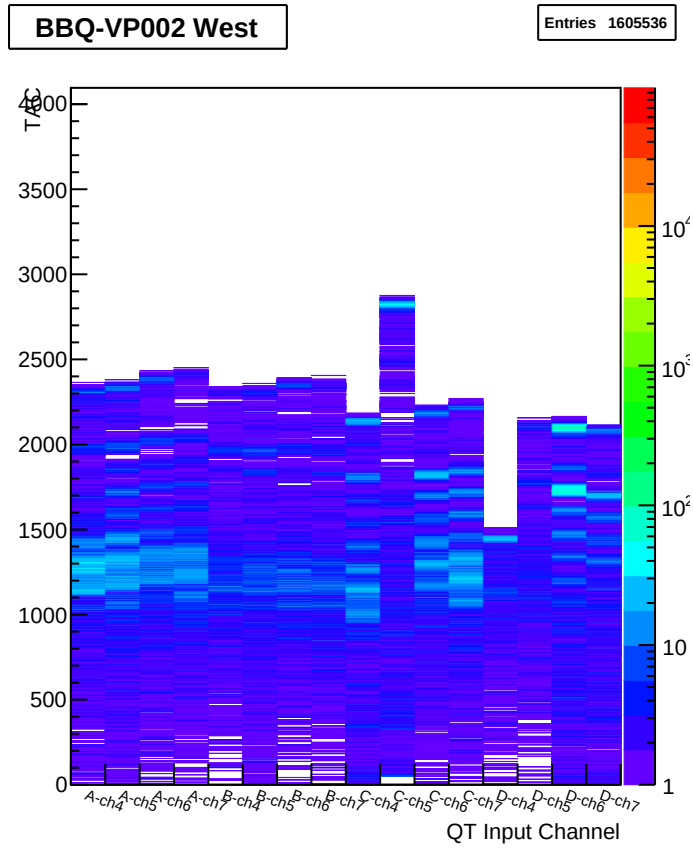

BBQ-ZD001 (ZDC TOWER)
Entries 1605536
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

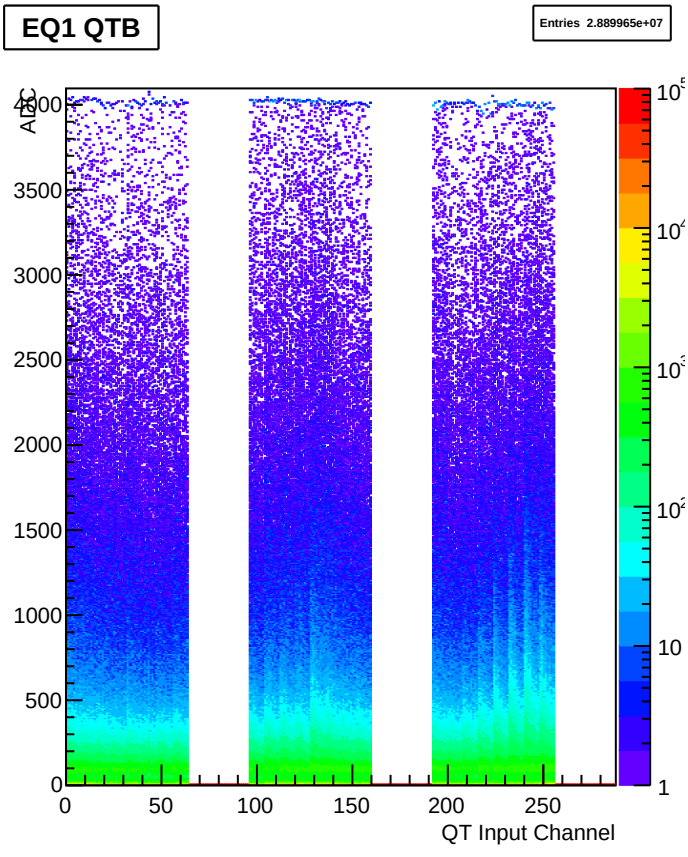

BBQ-ZD001 (ZDC TOWER)
Entries 1605536
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

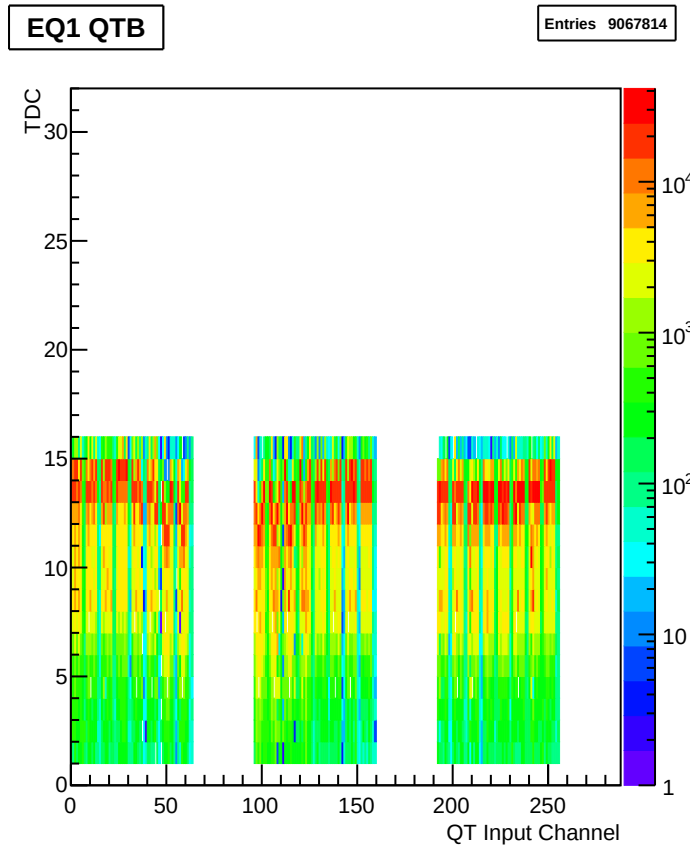

BBQ-VP001 East
Entries 1605536
ADC
QT Input Channel

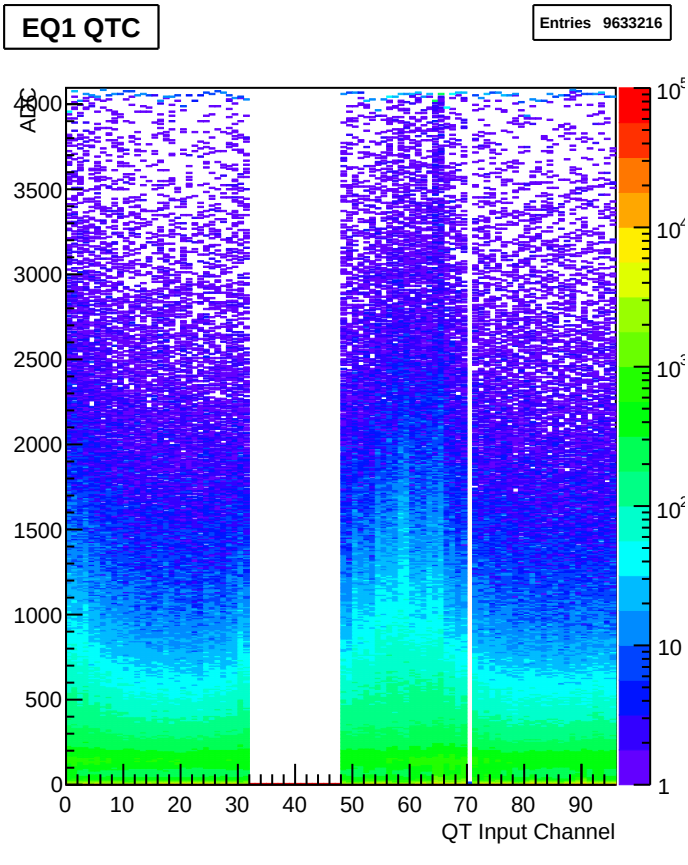

BBQ-VP001 East
Entries 1605536
TADC
QT Input Channel

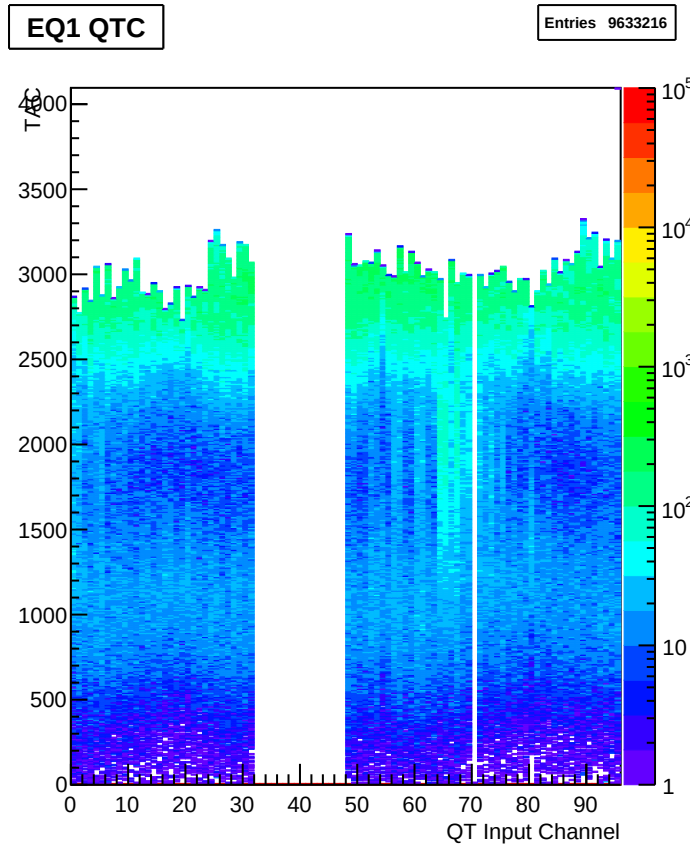

BBQ-VP002 West
Entries 1605536
ADC
QT Input Channel

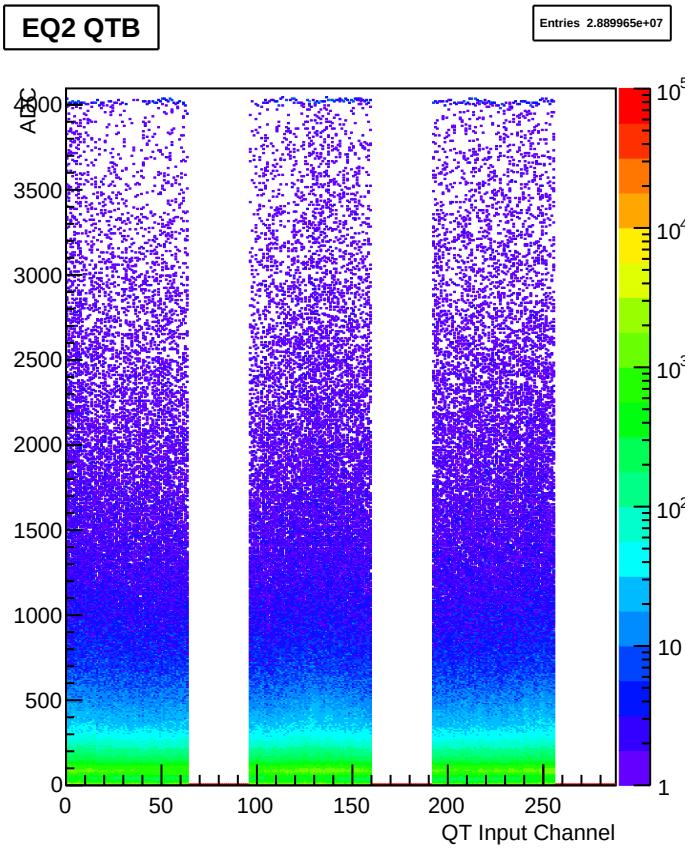

BBQ-VP002 West
Entries 1605536
TADC
QT Input Channel

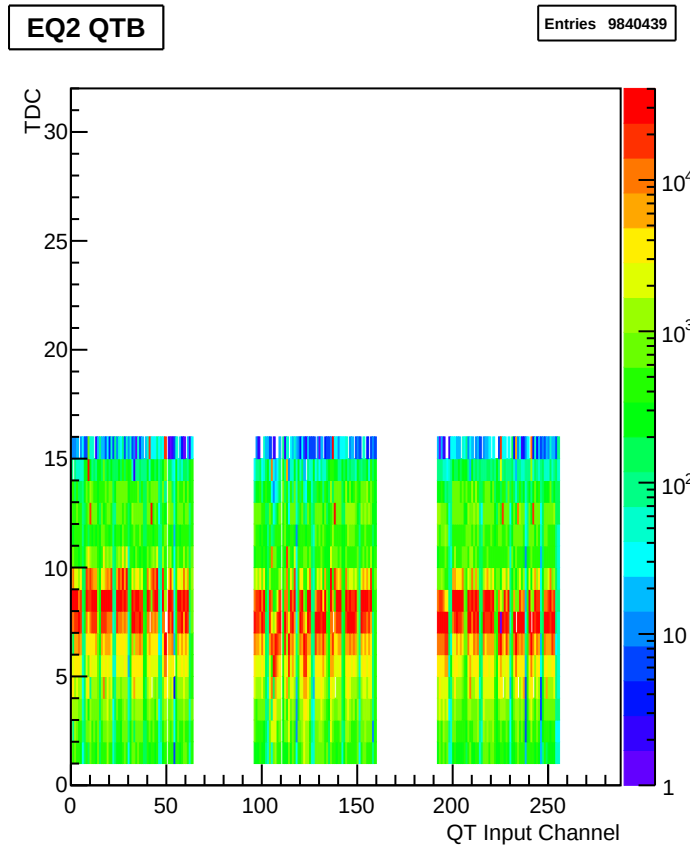

EQ1 QTB
Entries 2.889965e+07
ADC
QT Input Channel

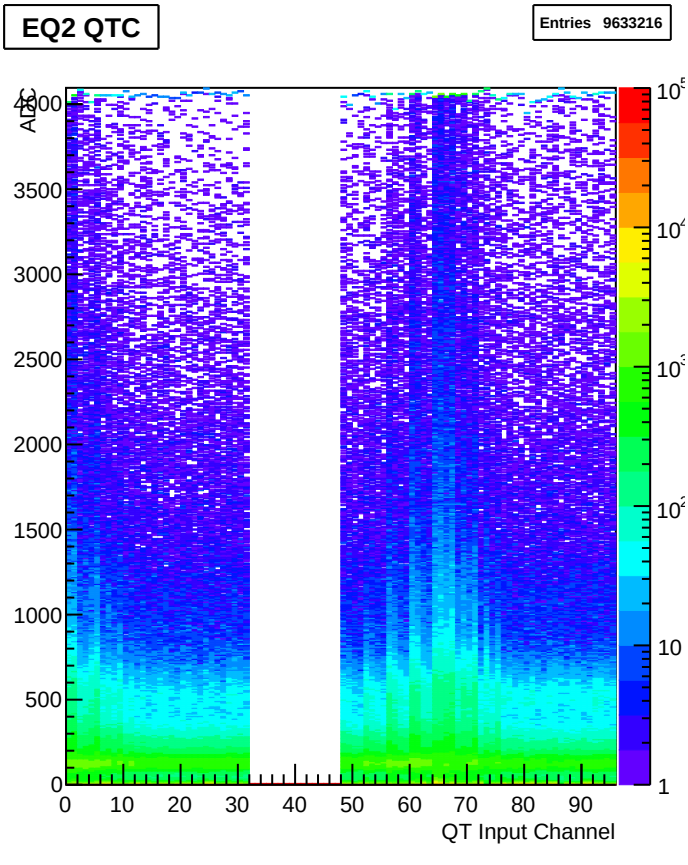

EQ1 QTB
Entries 9067814
TDC
QT Input Channel

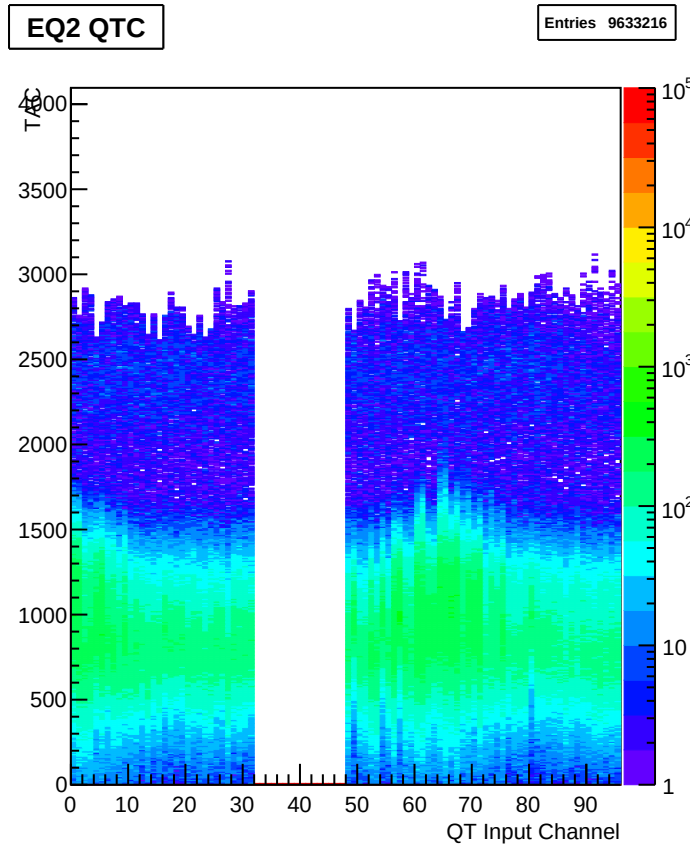

EQ1 QTC
Entries 9633216
ADC
QT Input Channel

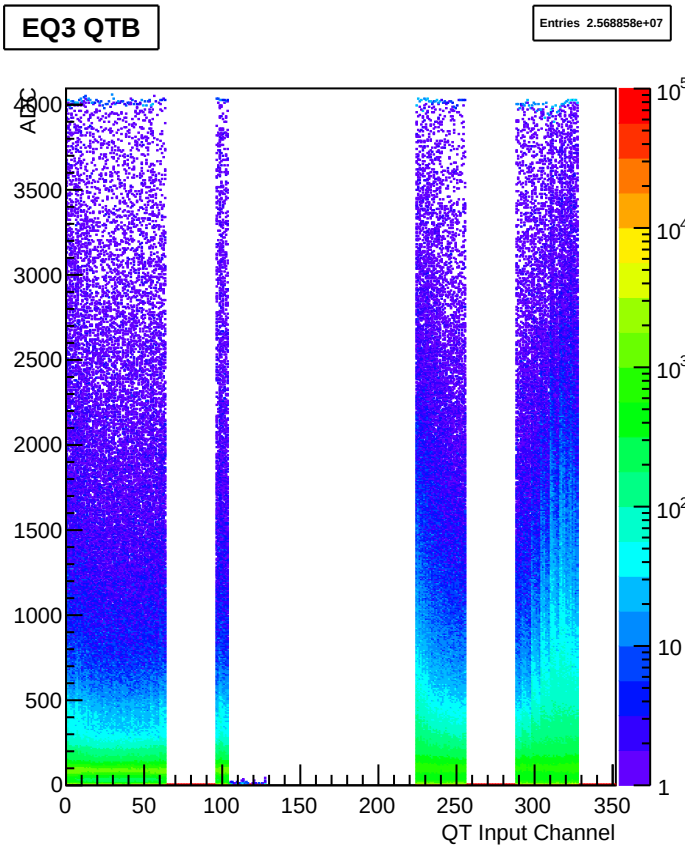

EQ1 QTC
Entries 9633216
TADC
QT Input Channel

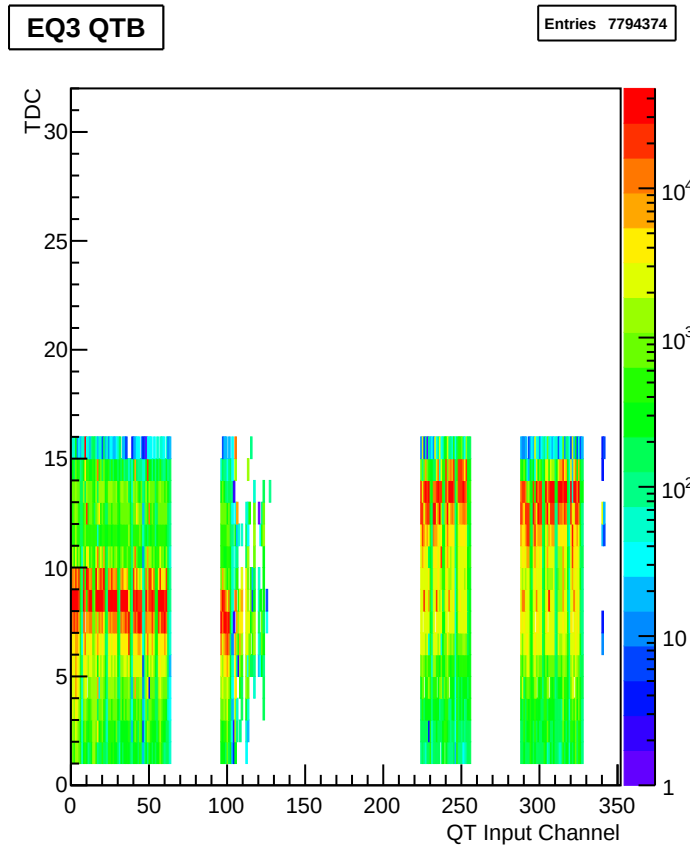

EQ2 QTB
Entries 2.889965e+07
ADC
QT Input Channel

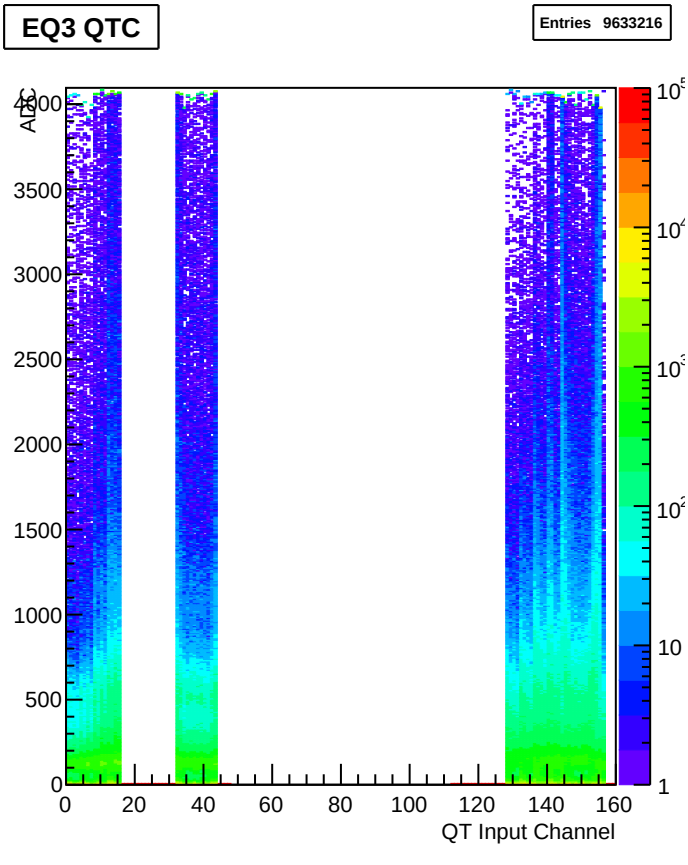

EQ2 QTB
Entries 9840439
TDC
QT Input Channel

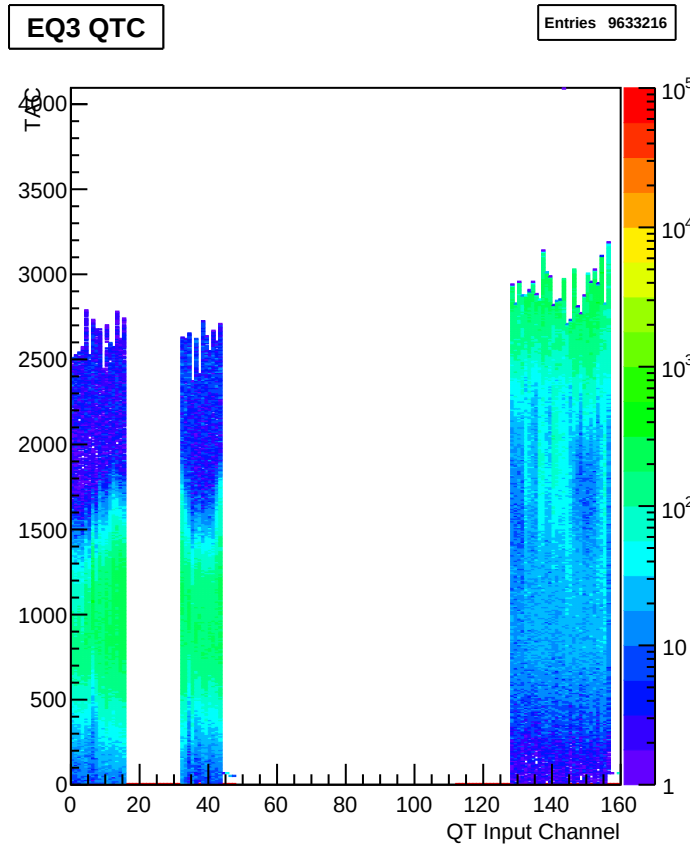

EQ2 QTC
Entries 9633216
ADC
QT Input Channel

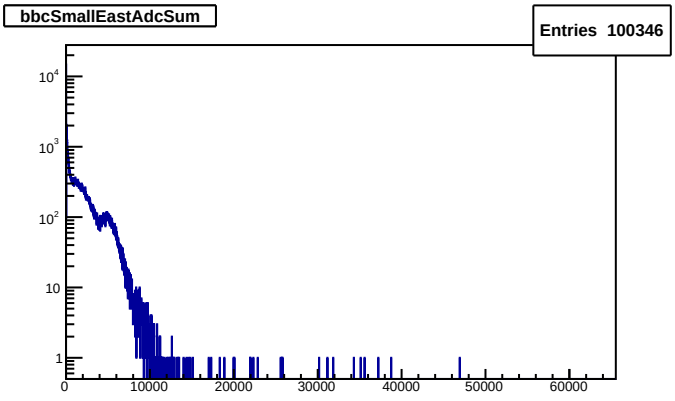

EQ2 QTC
Entries 9633216
TADC
QT Input Channel

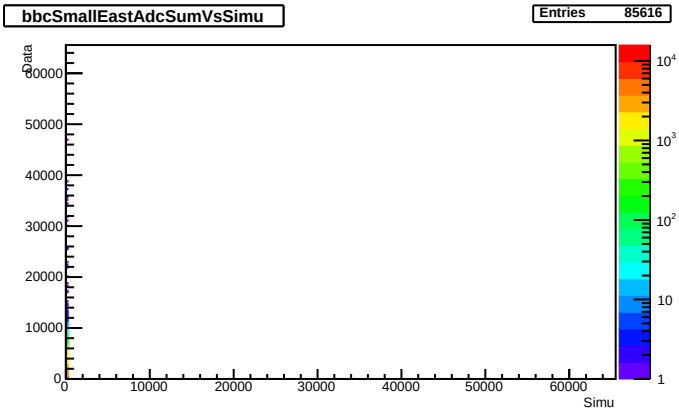

EQ3 QTB
Entries 2.568858e+07
ADC
QT Input Channel

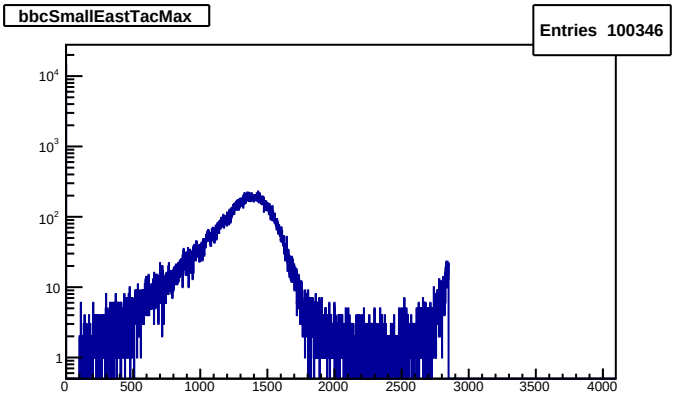

EQ3 QTB
Entries 7794374
TDC
QT Input Channel

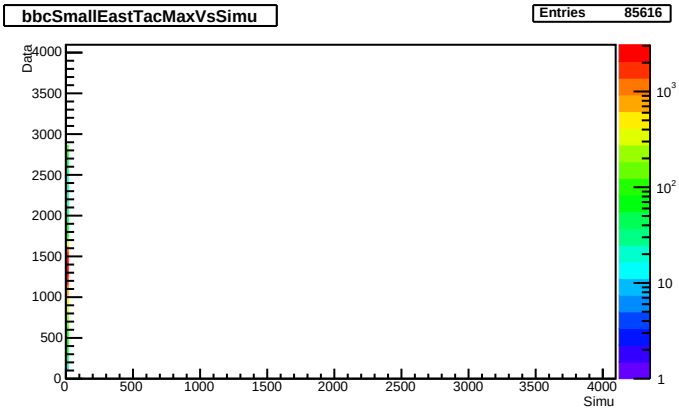

EQ3 QTC
Entries 9633216
ADC
QT Input Channel

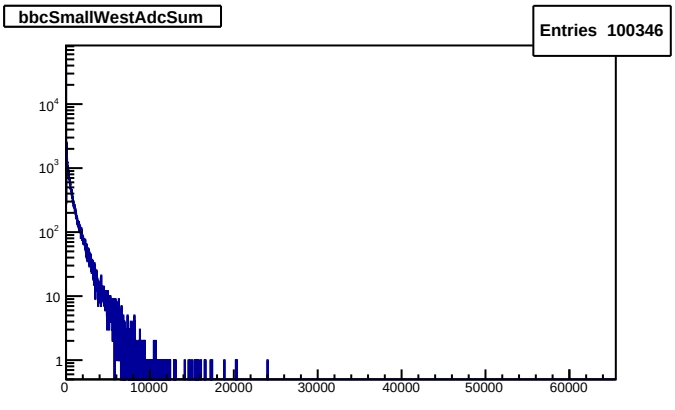

EQ3 QTC
Entries 9633216
TADC
QT Input Channel

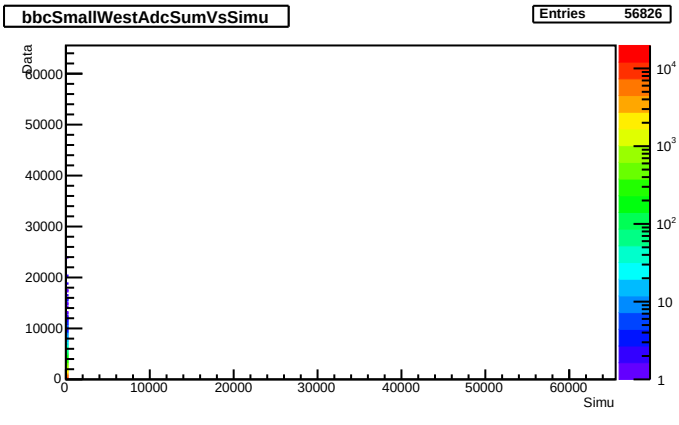

bbcSmallEastAdcSum
Entries 100346

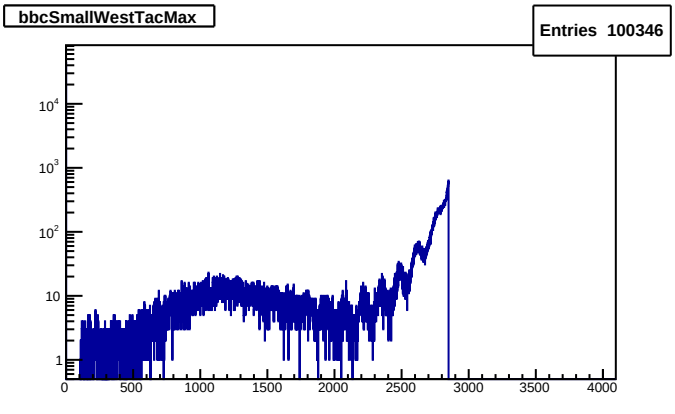

bbcSmallEastAdcSumVsSimu
Entries 85616
Data
Simu


bbcSmallEastTacMax
Entries 100346


bbcSmallEastTacMaxVsSimu
Entries 85616
Data
Simu


bbcSmallWestAdcSum
Entries 100346


bbcSmallWestAdcSumVsSimu
Entries 56826
Data
Simu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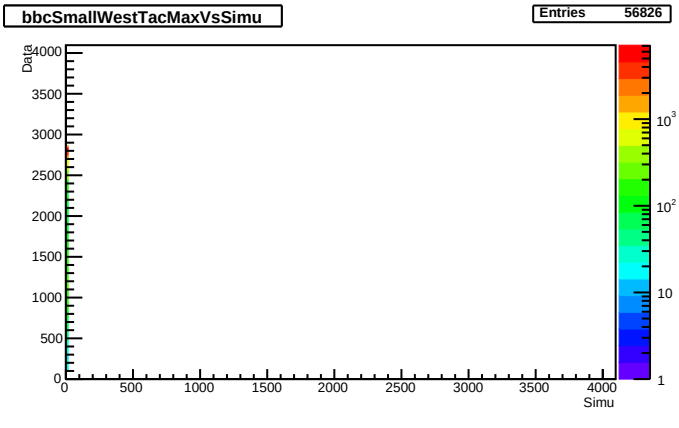
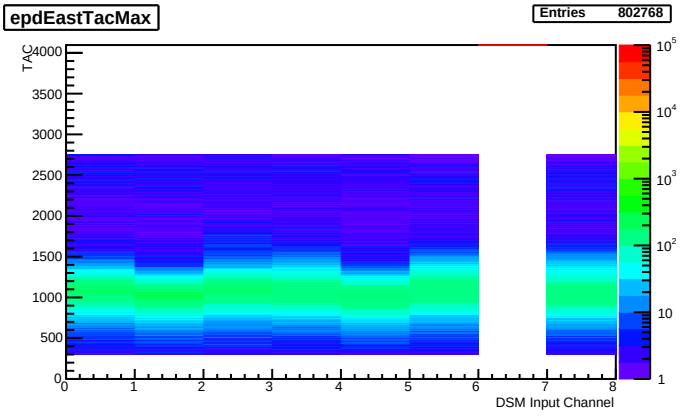
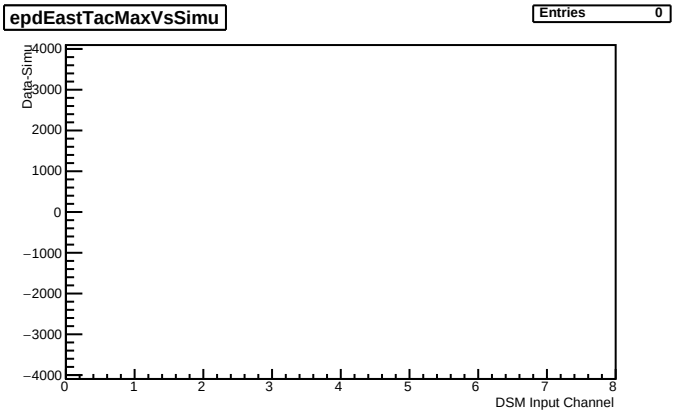
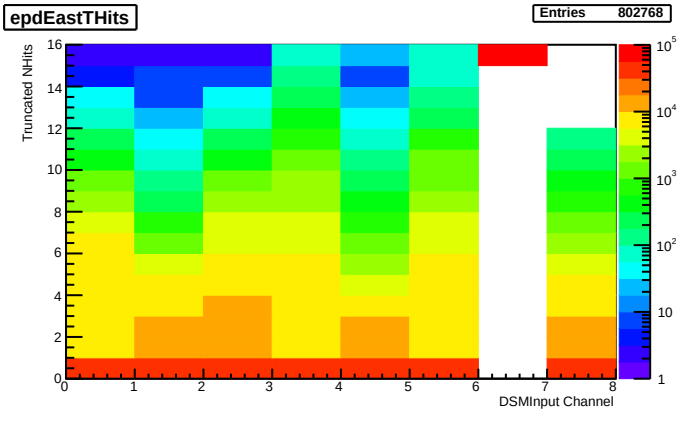
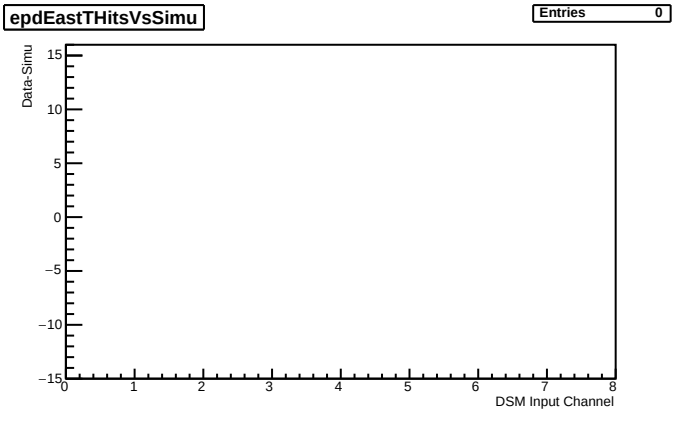
Entries 100346

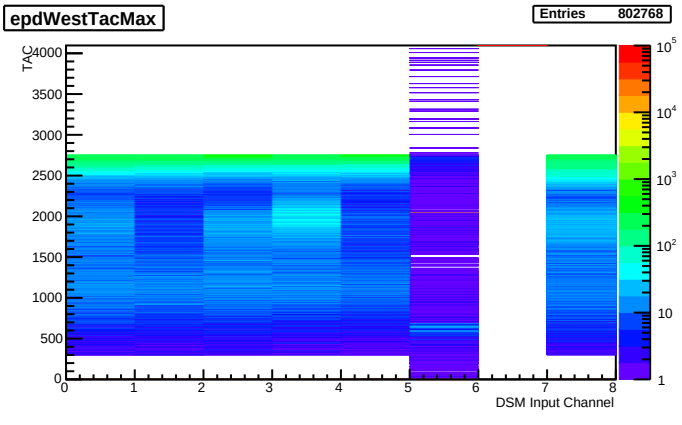

bbcSmallWestTacMaxVsSimu
Entries 56826
Data
Simu

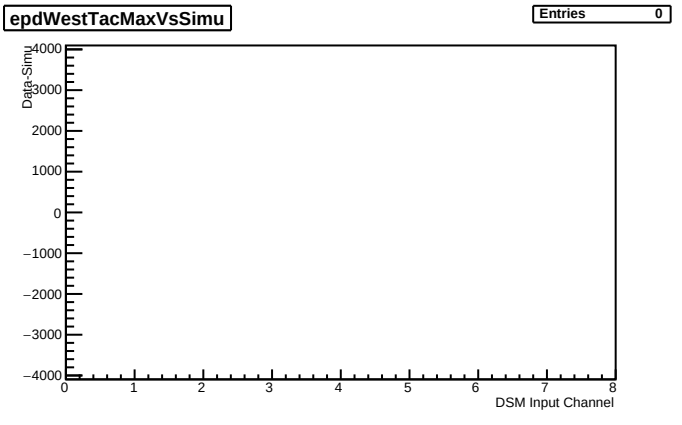

epdEastTacMax
Entries 802768
TAC
DSM Input Channel

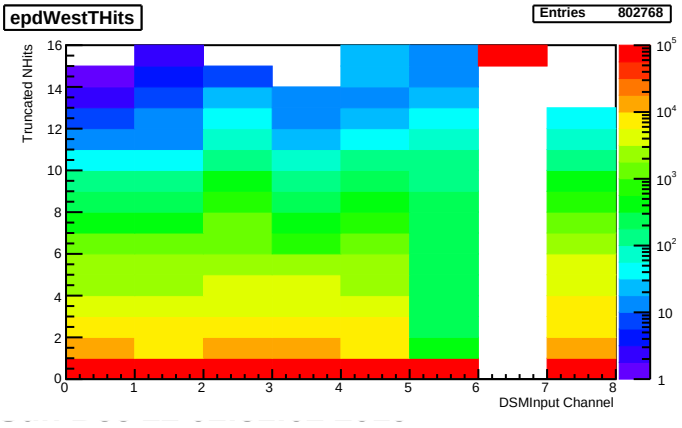

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

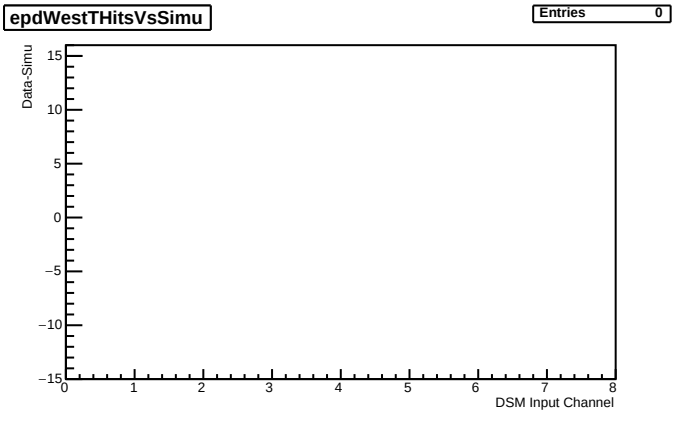

epdEastTHits
Entries 802768
Truncated NHits
DSMInput Channel

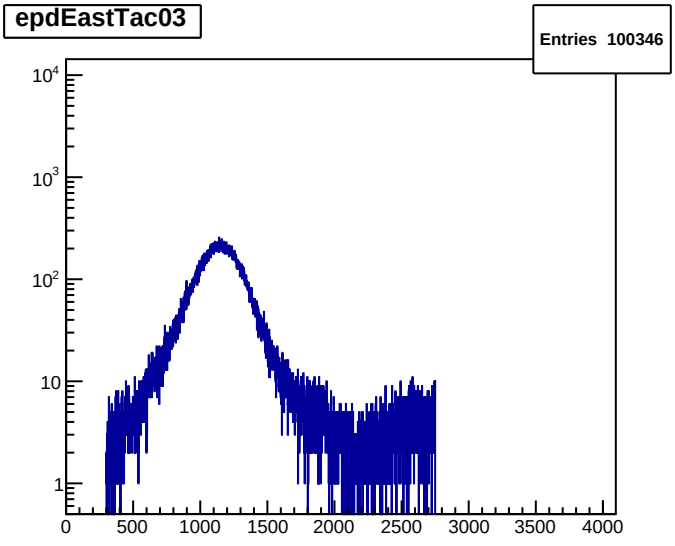

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

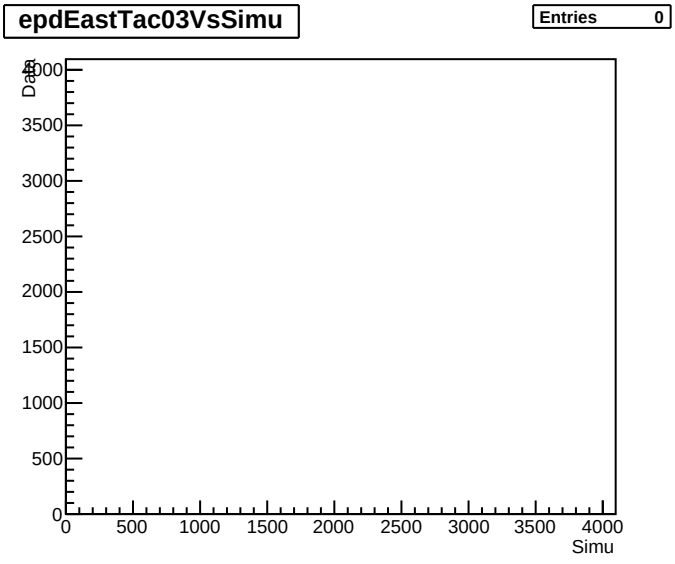

epdWestTacMax
Entries 802768
TAC
DSM Input Channel

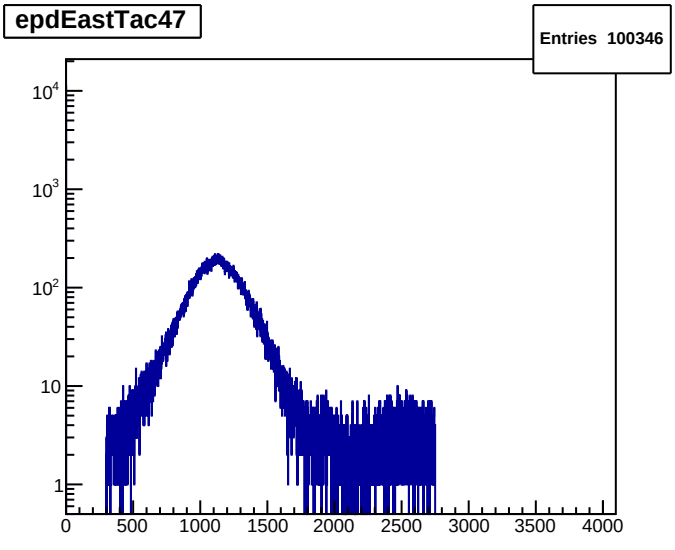

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

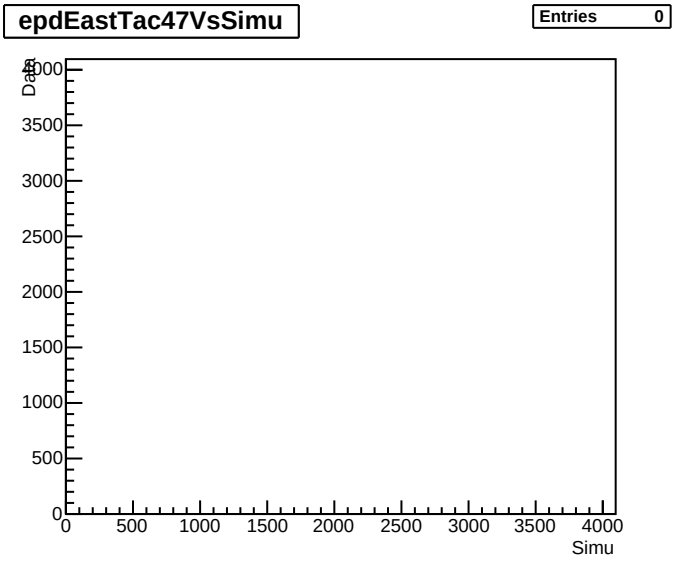

epdWestTHits
Entries 802768
Truncated NHits
DSMInput Channel

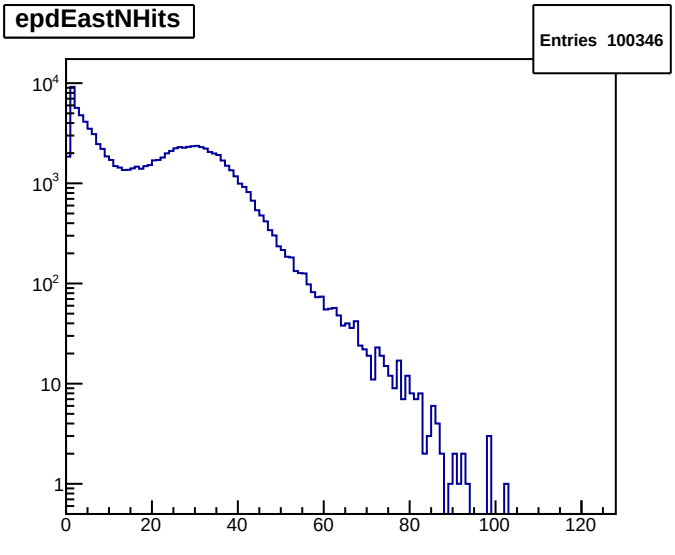

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

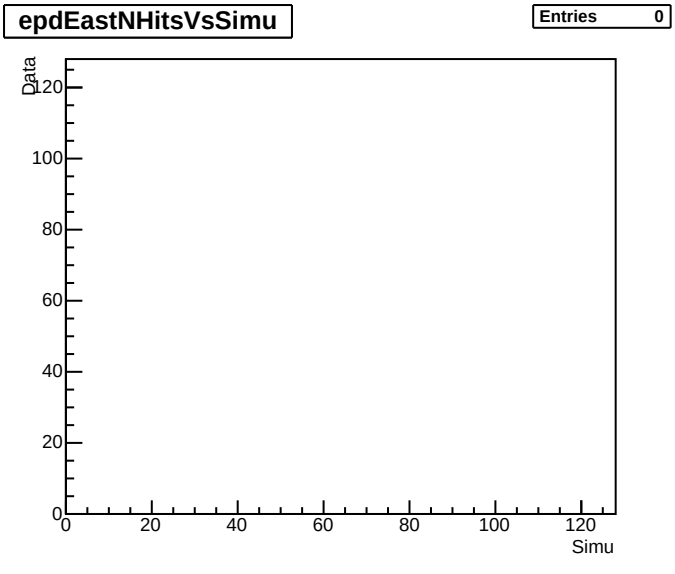

epdEastTac03
Entries 100346

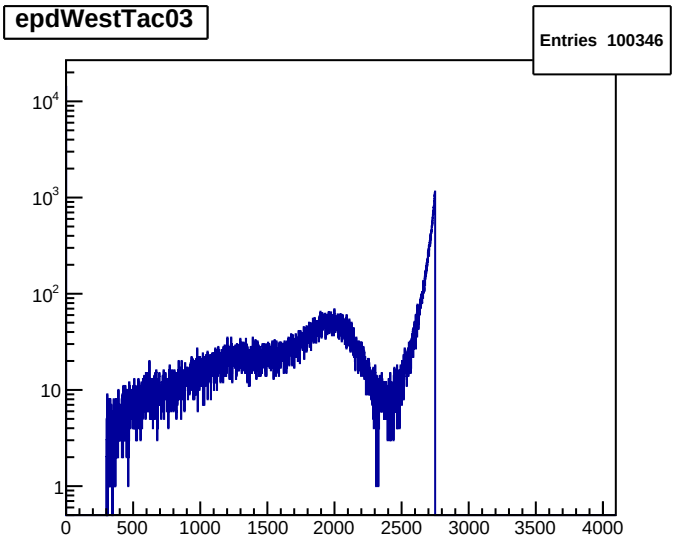

epdEastTac03VsSimu
Entries 0
Data
Simu

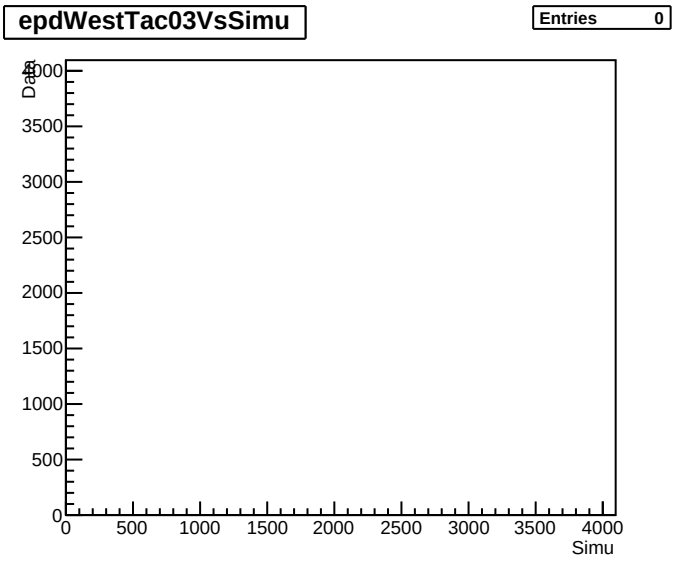

epdEastTac47
Entries 100346

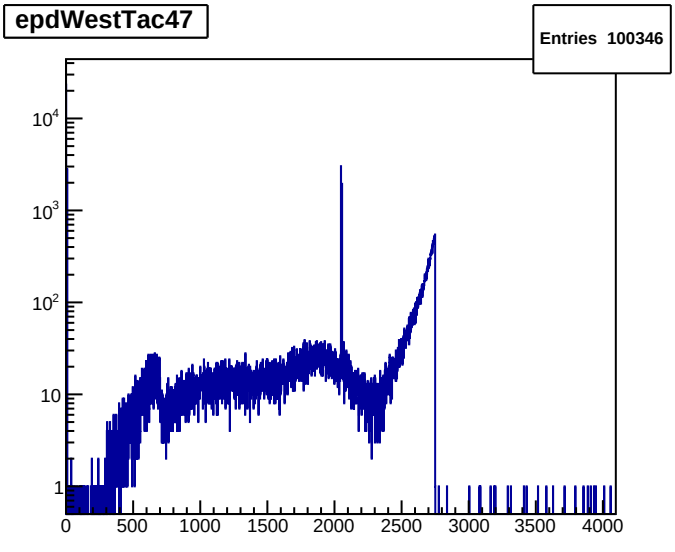

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 100346


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 100346


epdWestTac03VsSimu
Entries 0
Data
Simu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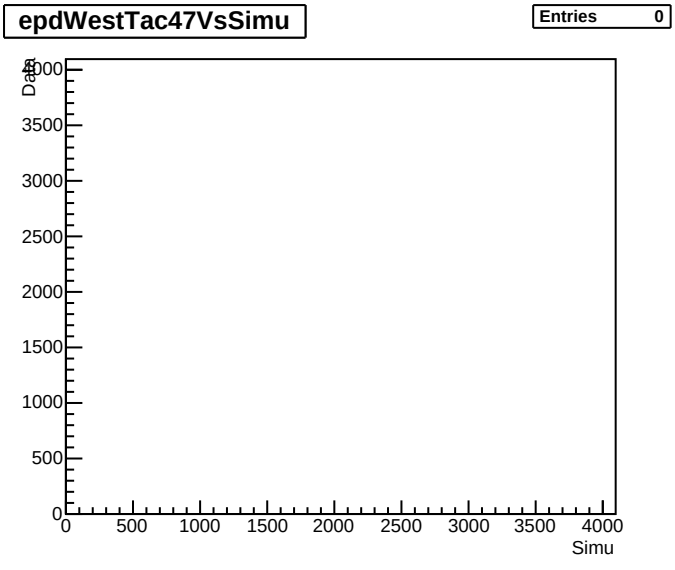
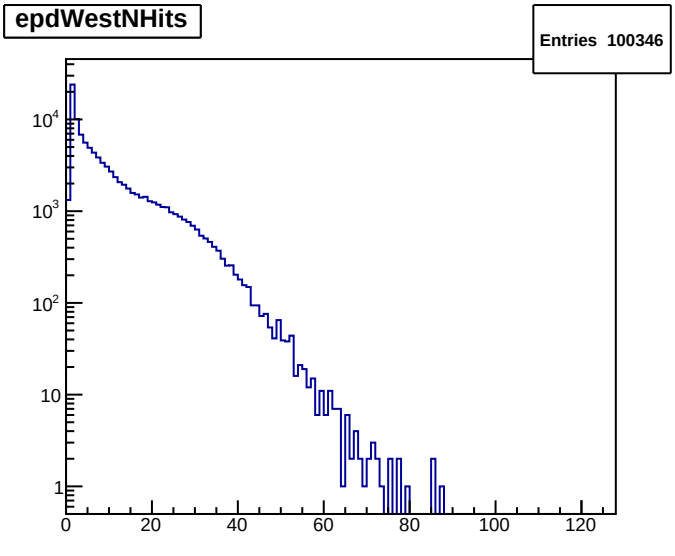
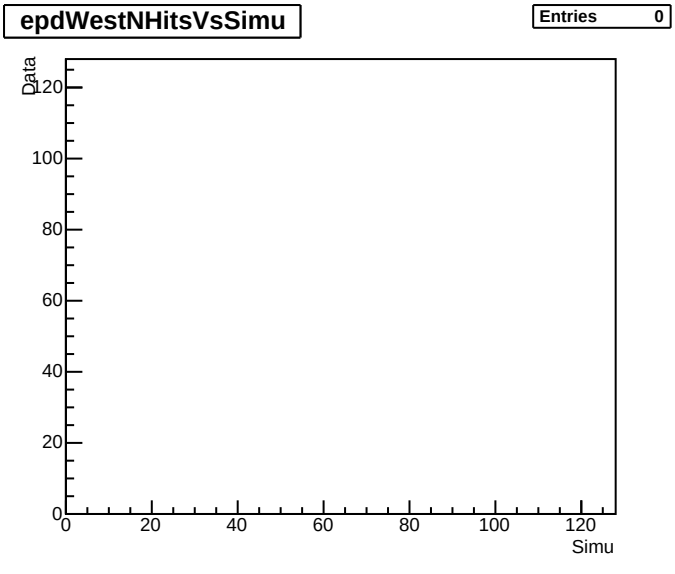
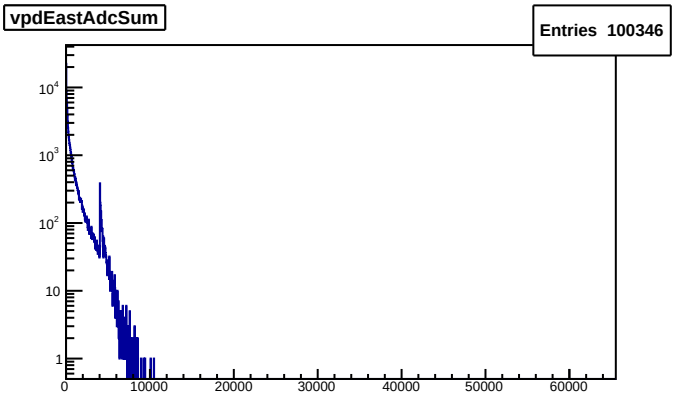
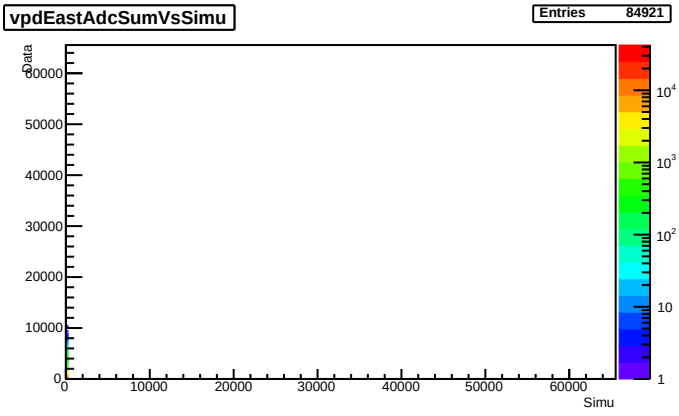
Entries 100346

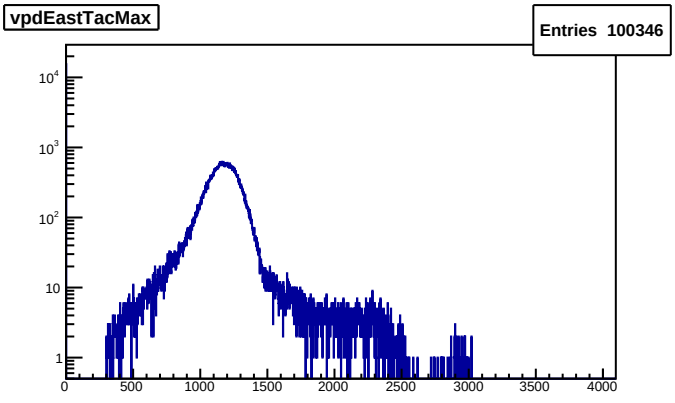

epdWestTac47VsSimu
Entries 0
Data
Simu

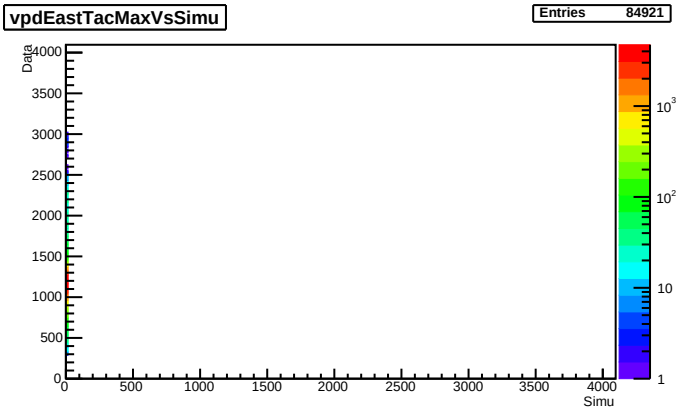

epdWestNHits
Entries 100346

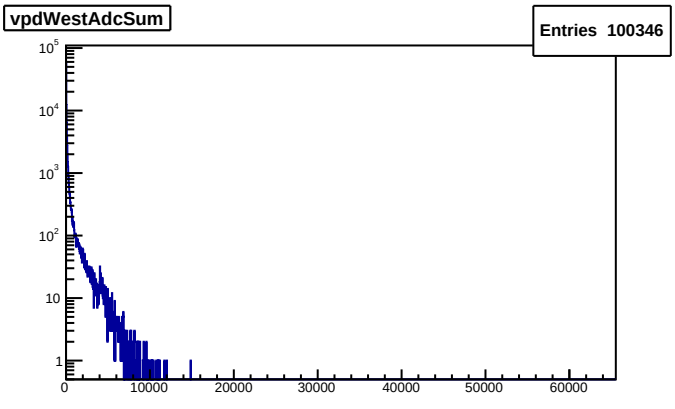

epdWestNHitsVsSimu
Entries 0
Data
Simu

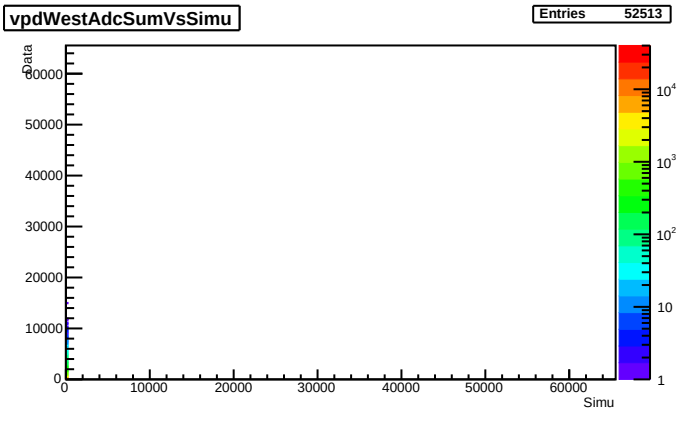

vpdEastAdcSum
Entries 100346

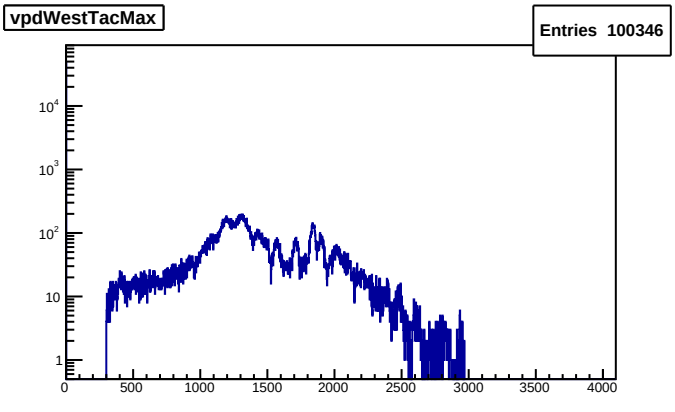

vpdEastAdcSumVsSimu
Entries 84921
Data
Simu

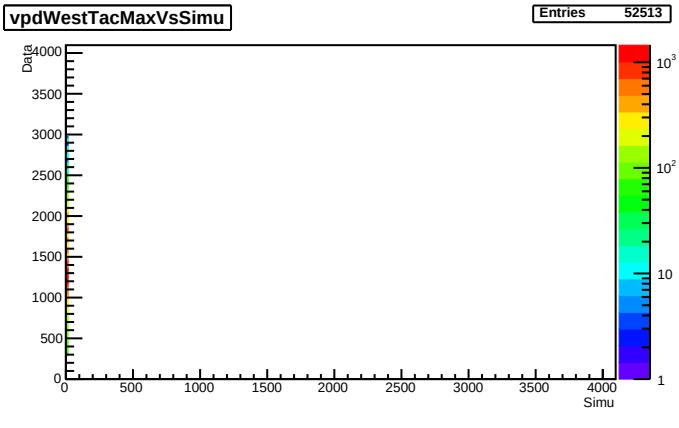

vpdEastTacMax
Entries 100346

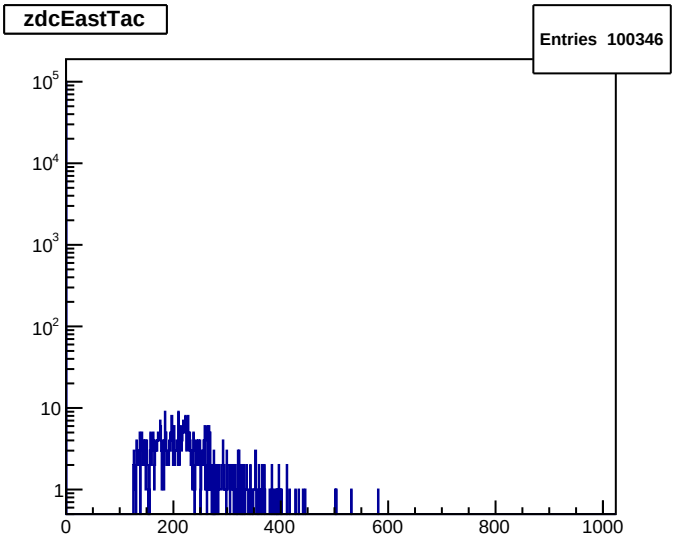

vpdEastTacMaxVsSimu
Entries 84921
Data
Simu

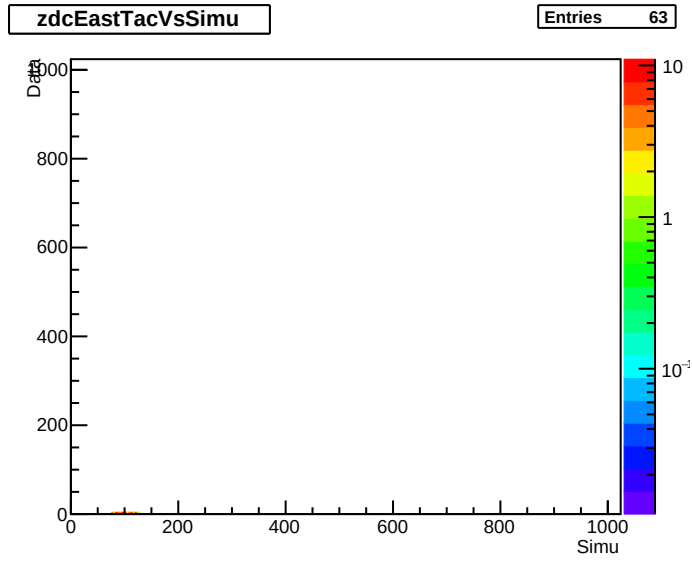

vpdWestAdcSum
Entries 100346

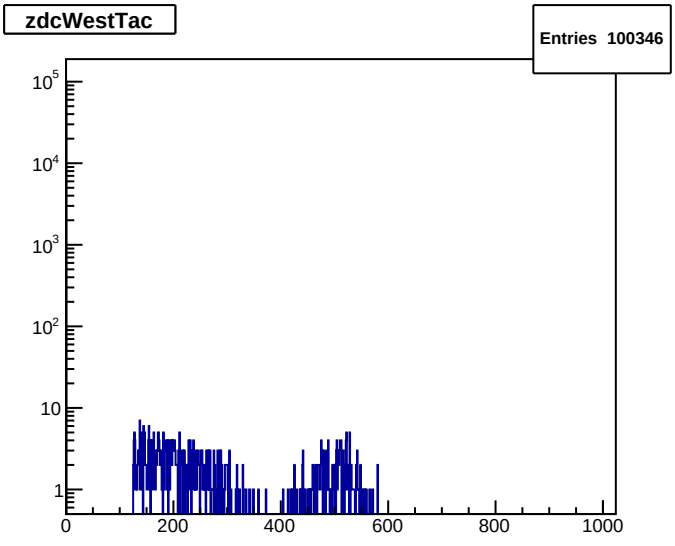

vpdWestAdcSumVsSimu
Entries 52513
Data
Simu

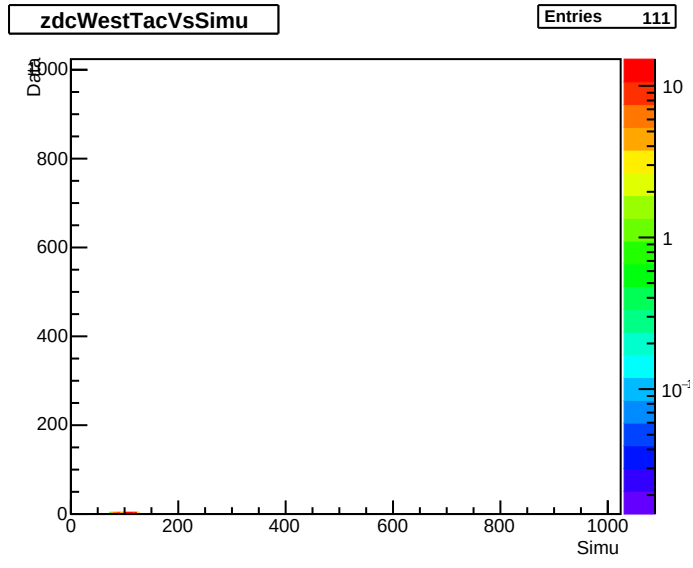

vpdWestTacMax
Entries 100346

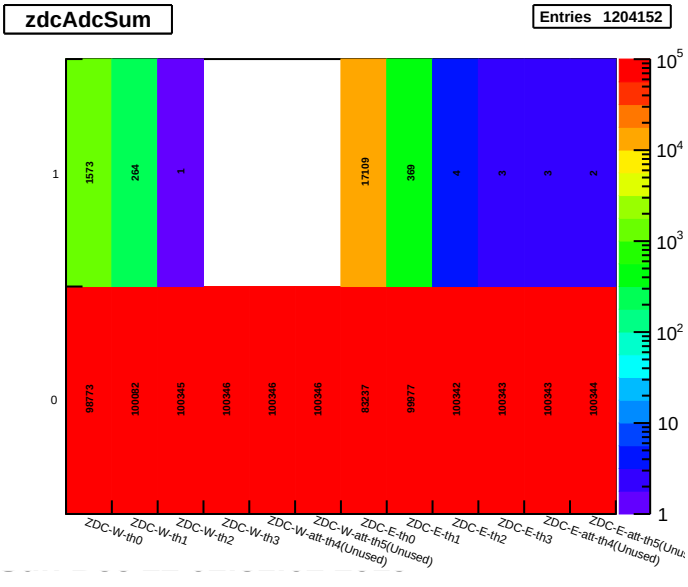

vpdWestTacMaxVsSimu
Entries 52513
Data
Simu

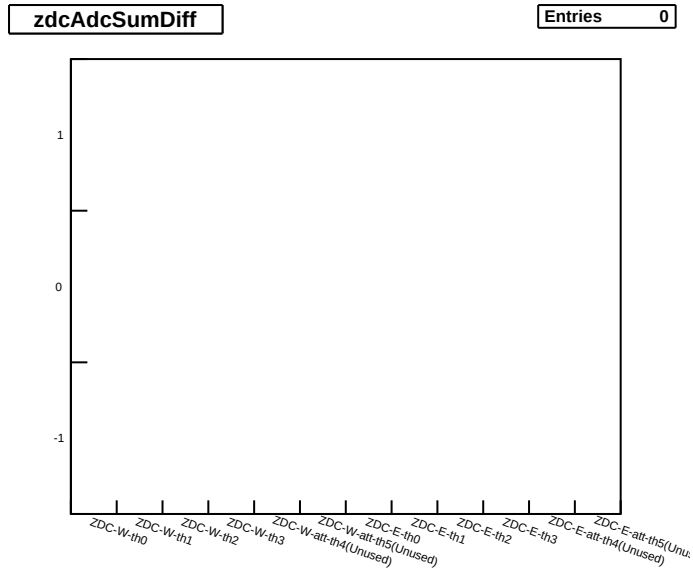

zdcEastTac
Entries 100346

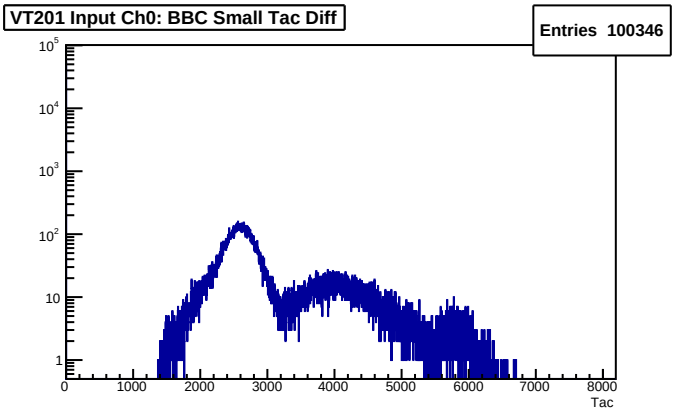

zdcEastTacVsSimu
Entries 63
Data
Simu

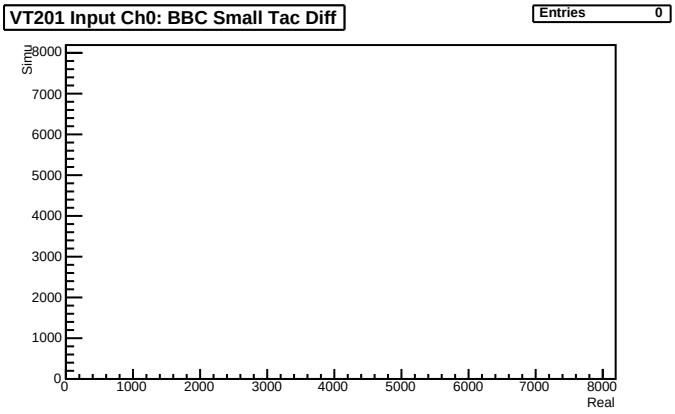

zdcWestTac
Entries 100346

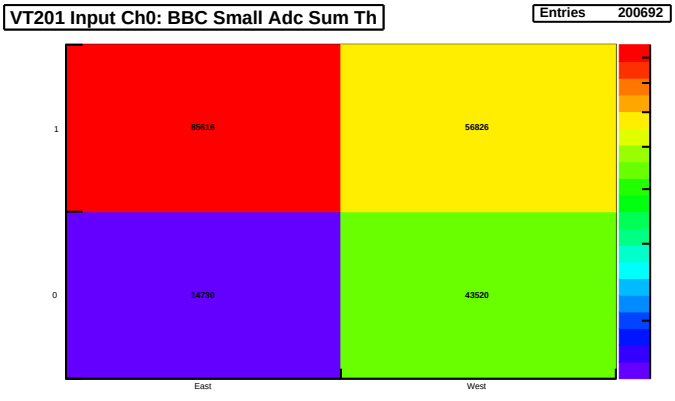

zdcWestTacVsSimu
Entries 111
Data
Simu

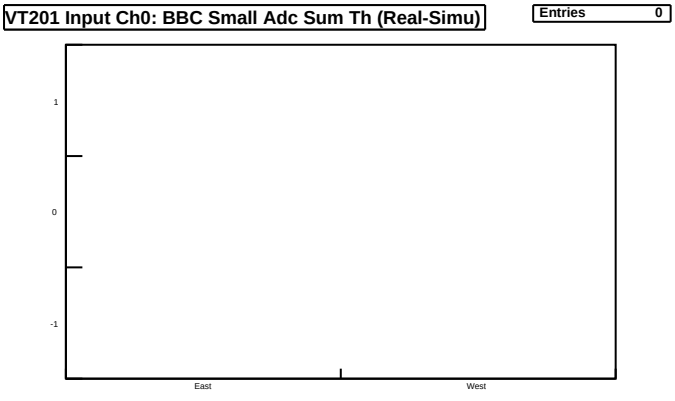

zdcAdcSum
Entries 1204152
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

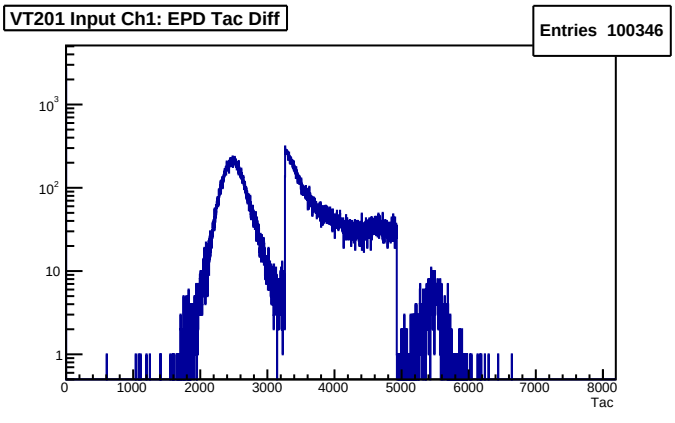

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

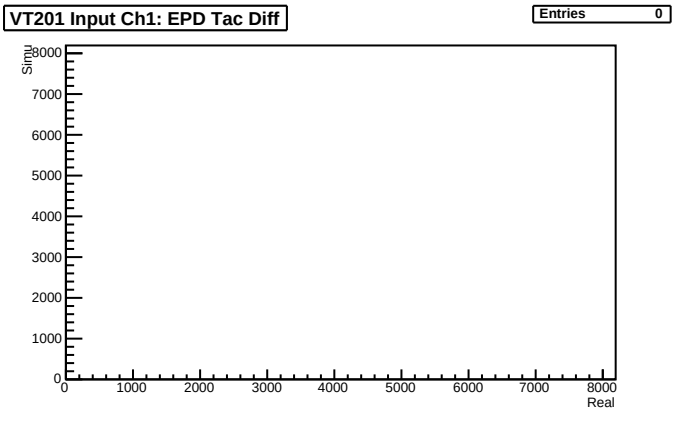

VT201 Input Ch0: BBC Small Tac Diff
Entries 100346
Tac

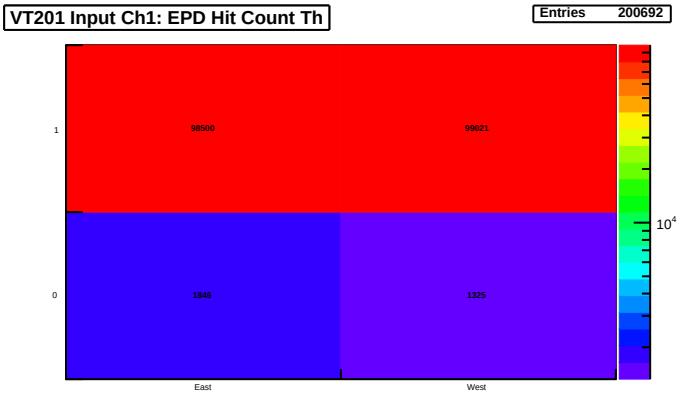

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

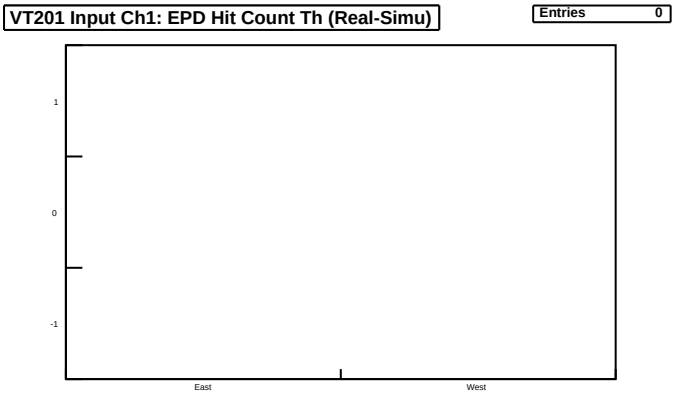

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 200692
85616
56826
14730
43520
East
West

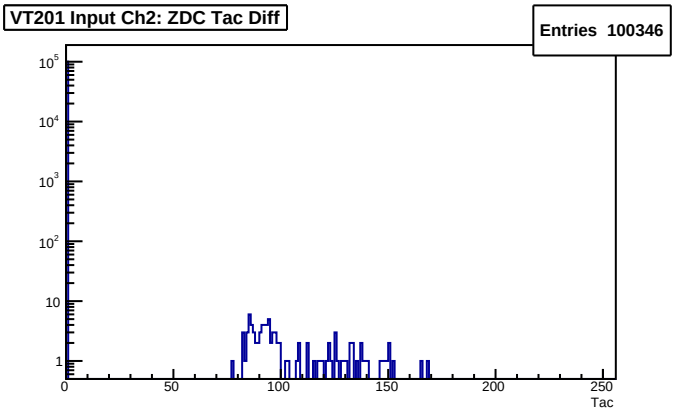

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

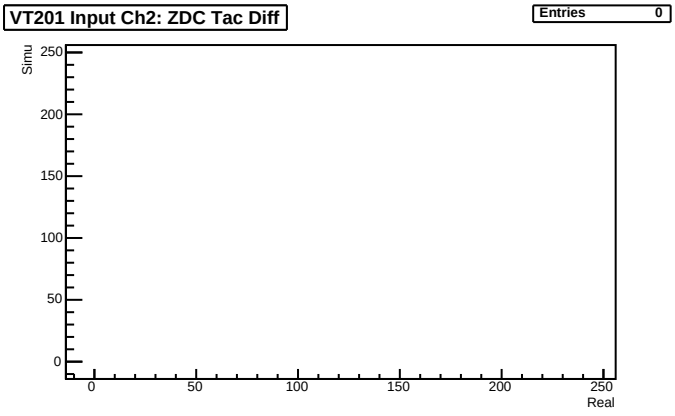

VT201 Input Ch1: EPD Tac Diff
Entries 100346
Tac

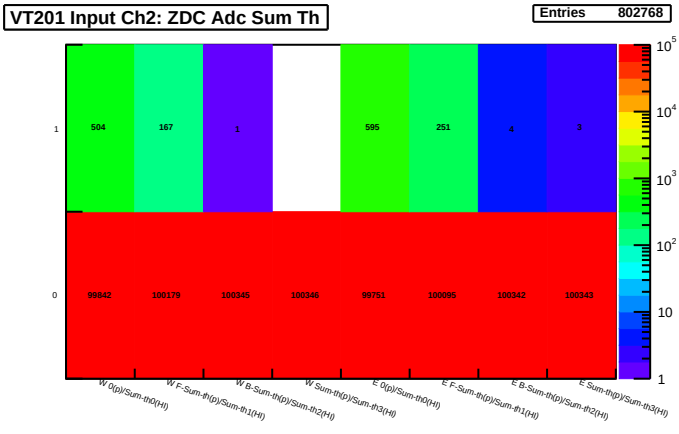

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

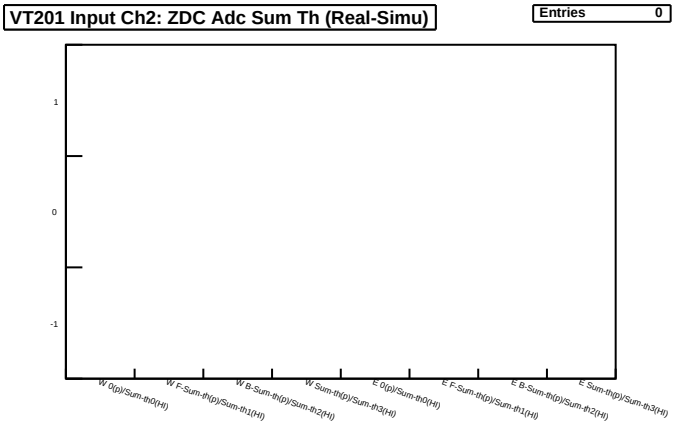

VT201 Input Ch1: EPD Hit Count Th
Entries 200692
98500
99021
1846
1325
East
West

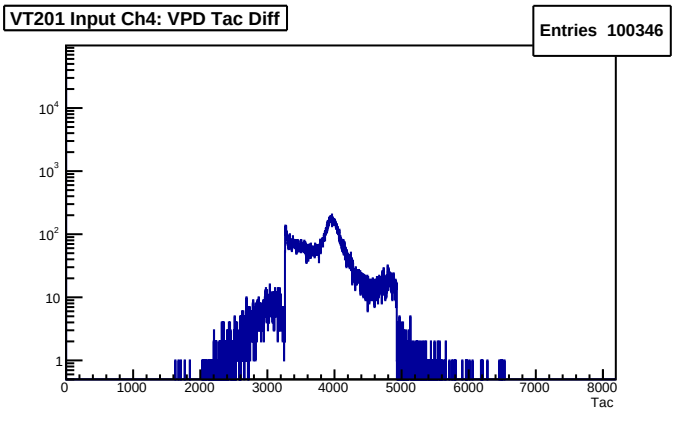

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

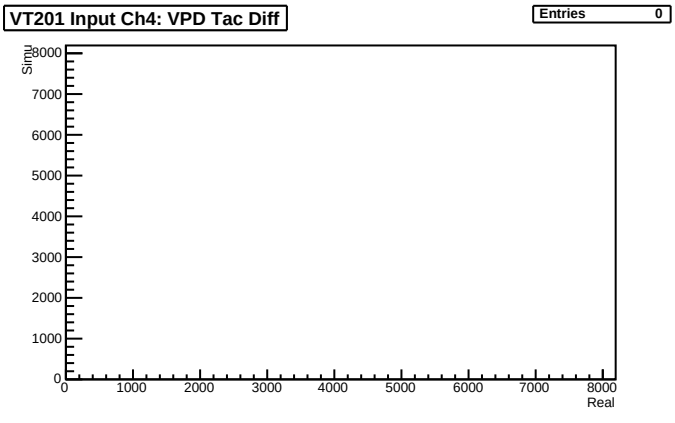

VT201 Input Ch2: ZDC Tac Diff
Entries 100346
Tac

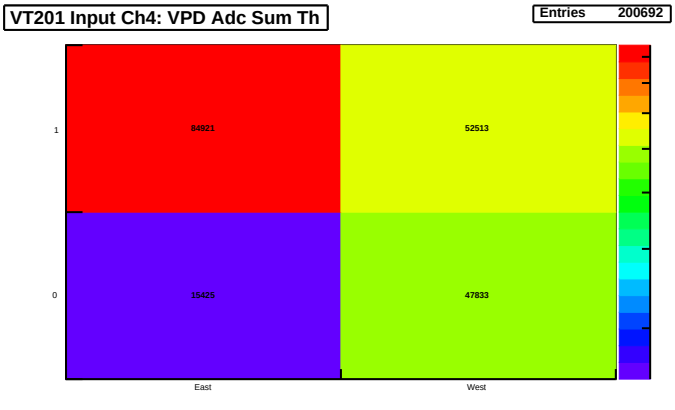

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

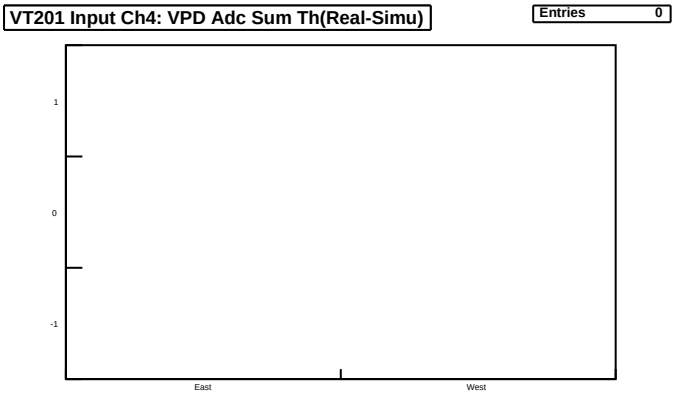

VT201 Input Ch2: ZDC Adc Sum Th
Entries 802768
504
167
1
595
251
4
3
99842
100179
100345
100346
99751
100095
100342
100343
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

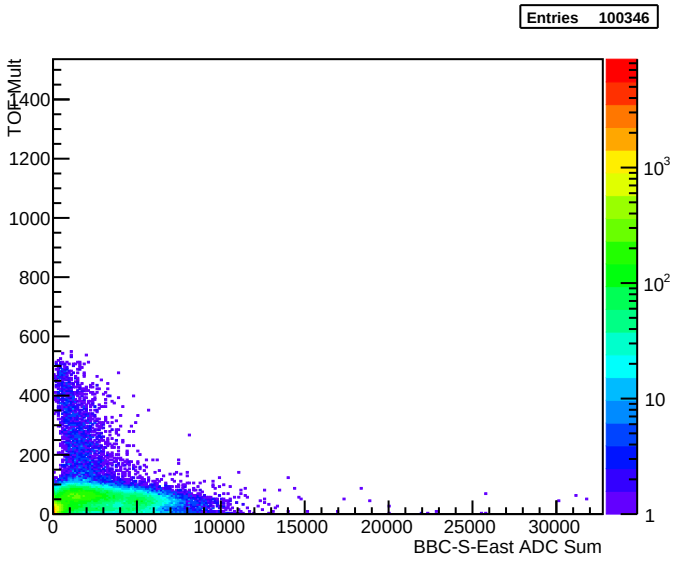

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

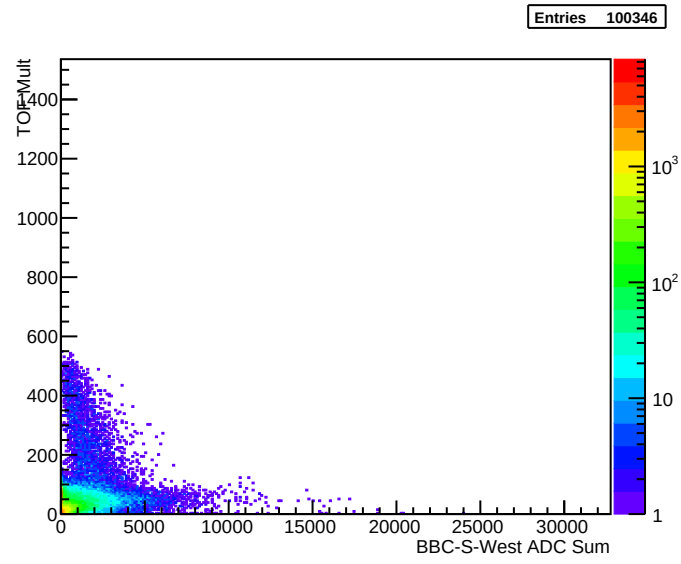

VT201 Input Ch4: VPD Tac Diff
Entries 100346
Tac

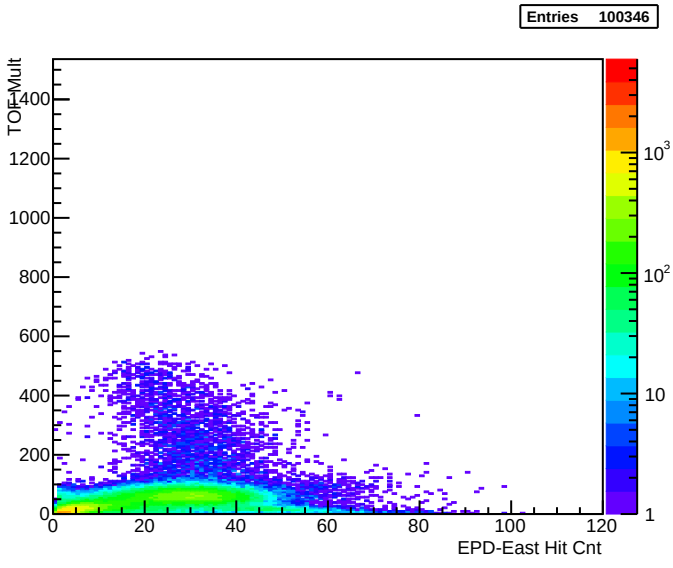

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

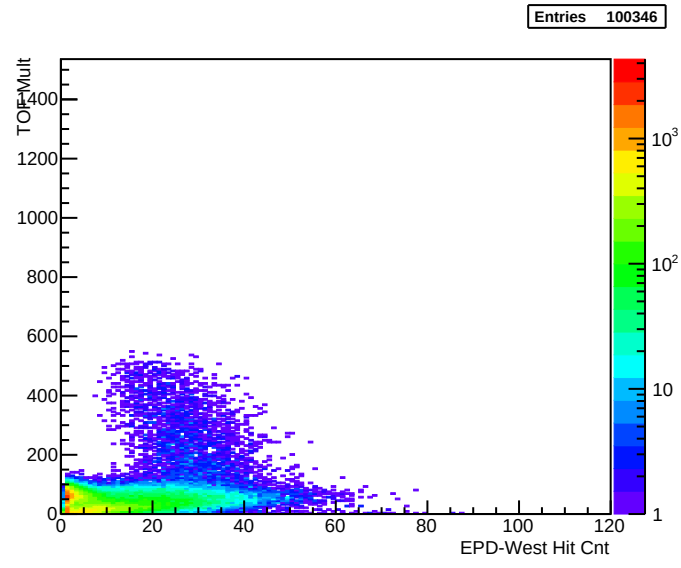

VT201 Input Ch4: VPD Adc Sum Th
Entries 200692
84921
52513
15425
47833
East
West

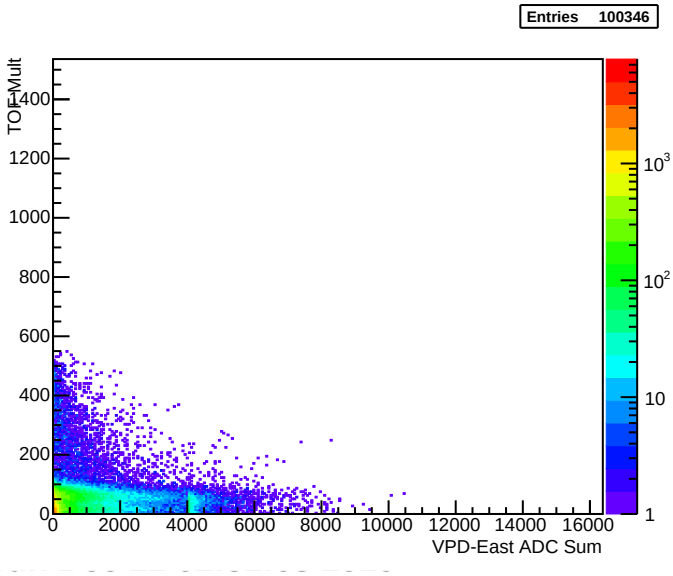

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

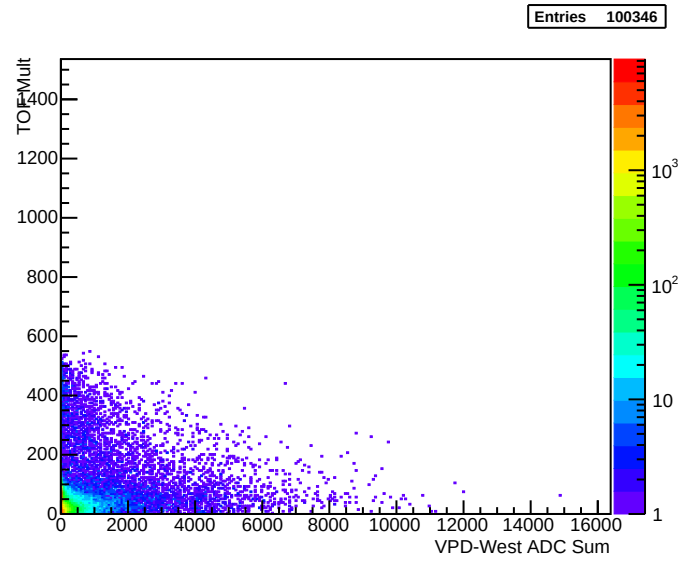

Entries 100346
TOF-Mult
BBC-S-East ADC Sum

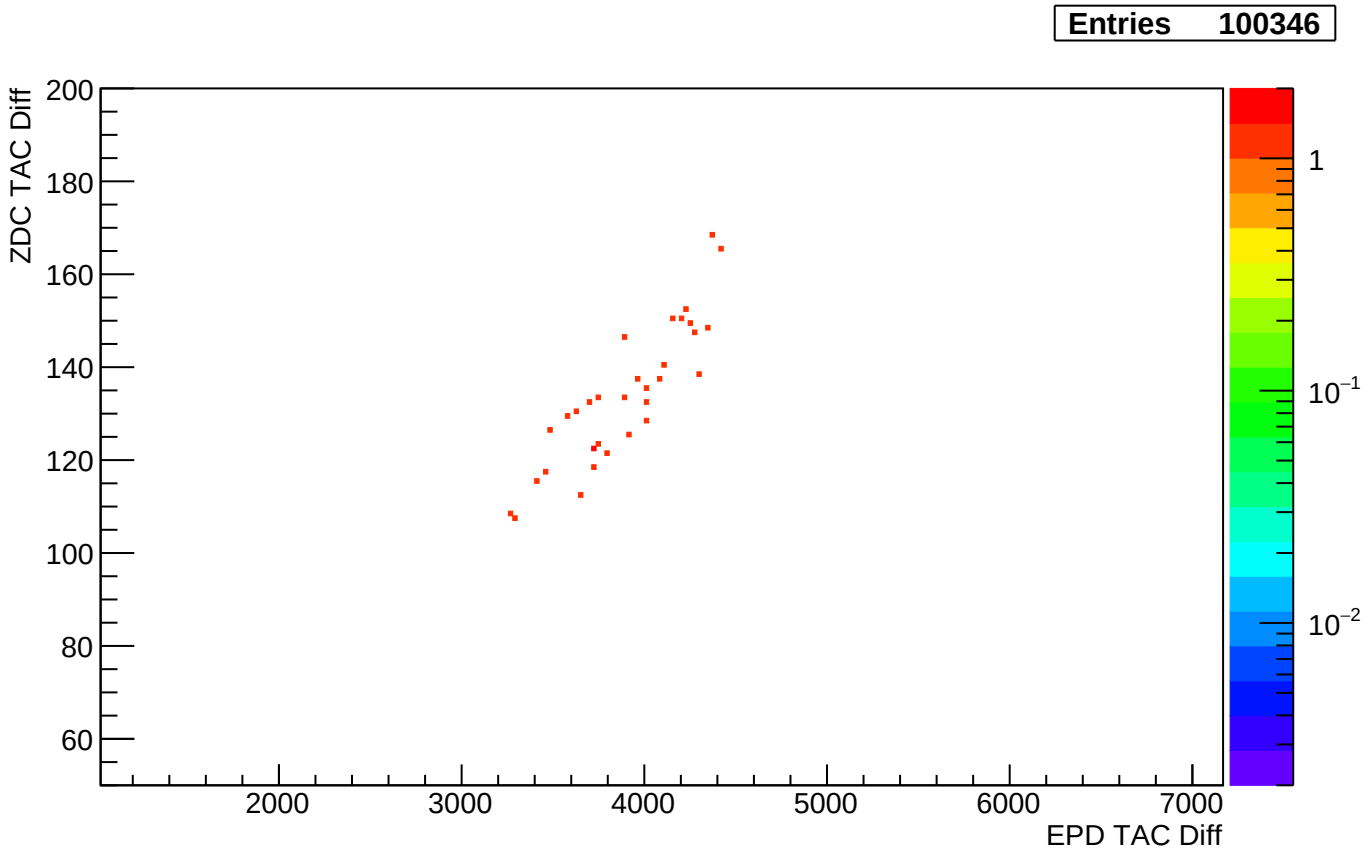

Entries 100346
TOF-Mult
BBC-S-West ADC Sum

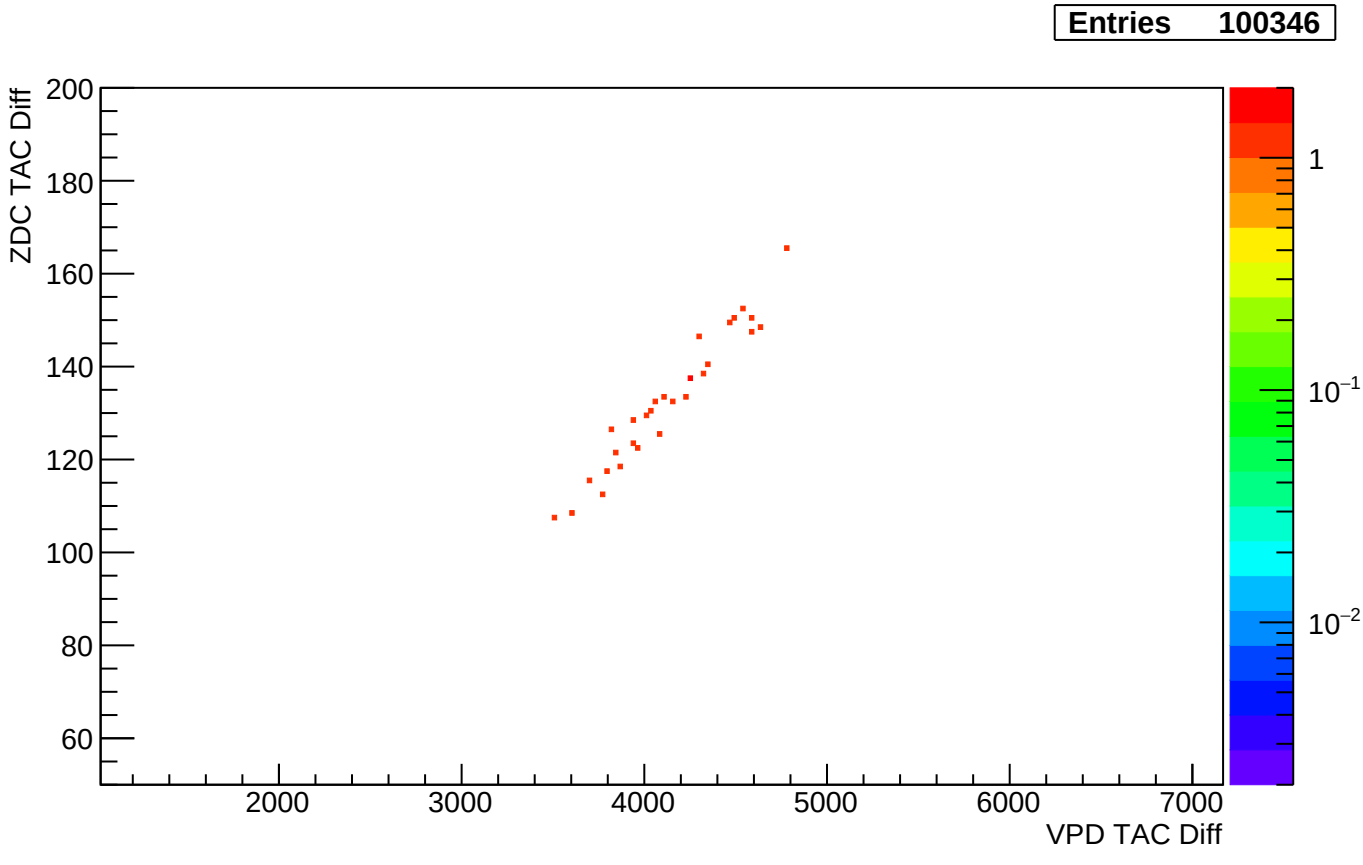

Entries 100346
TOF-Mult
EPD-East Hit Cnt

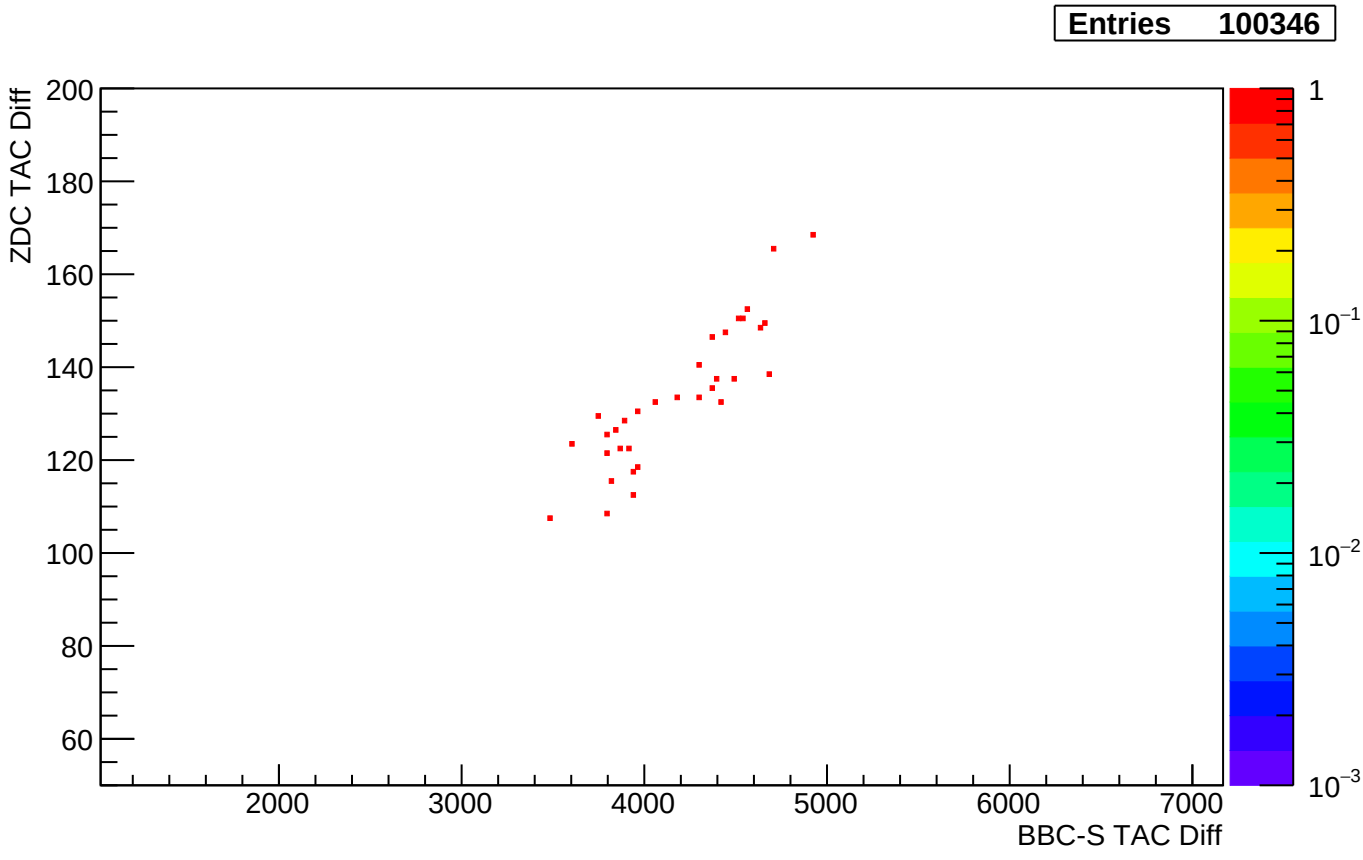

Entries 100346
TOF-Mult
EPD-West Hit Cnt

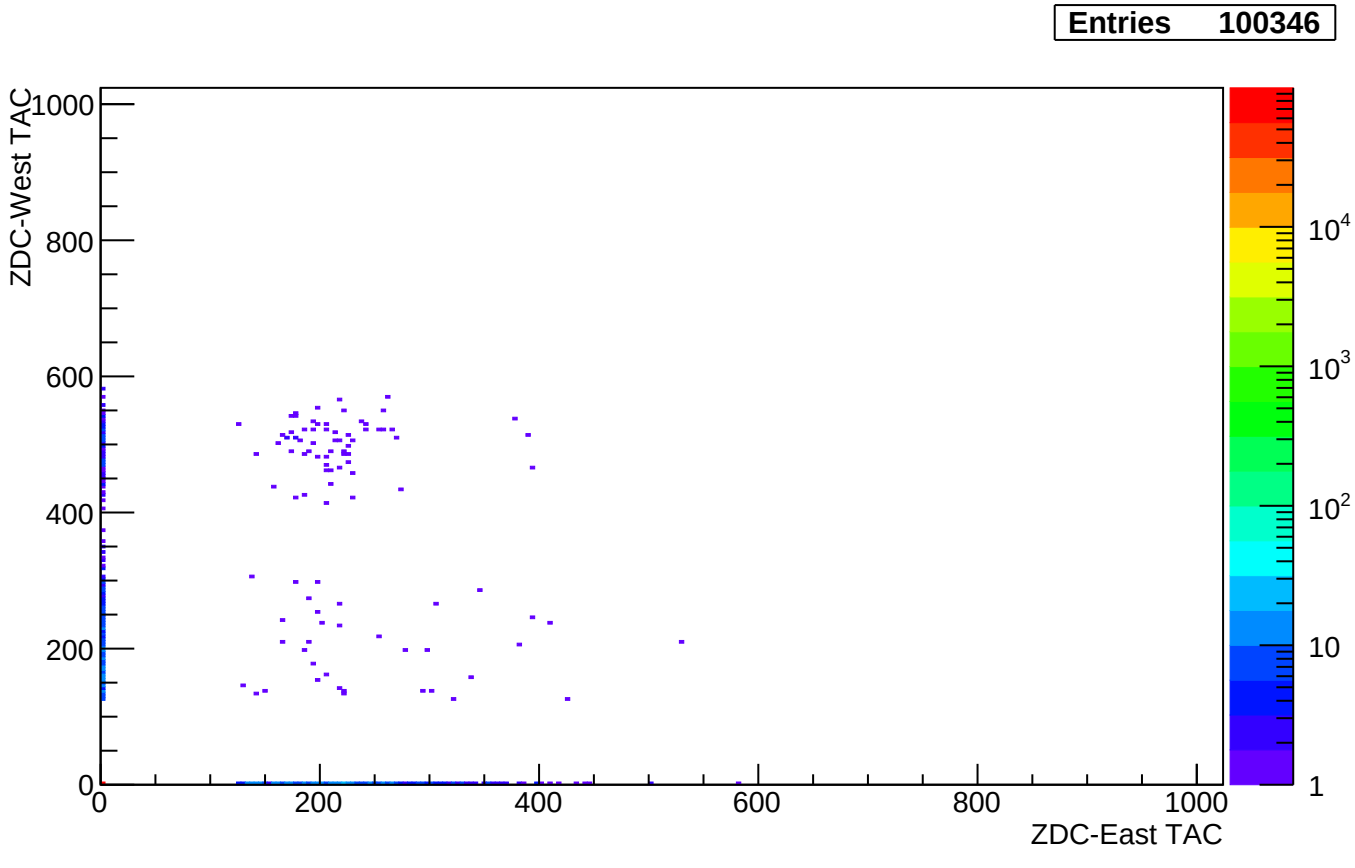

Entries 100346
TOF-Mult
VPD-East ADC Sum

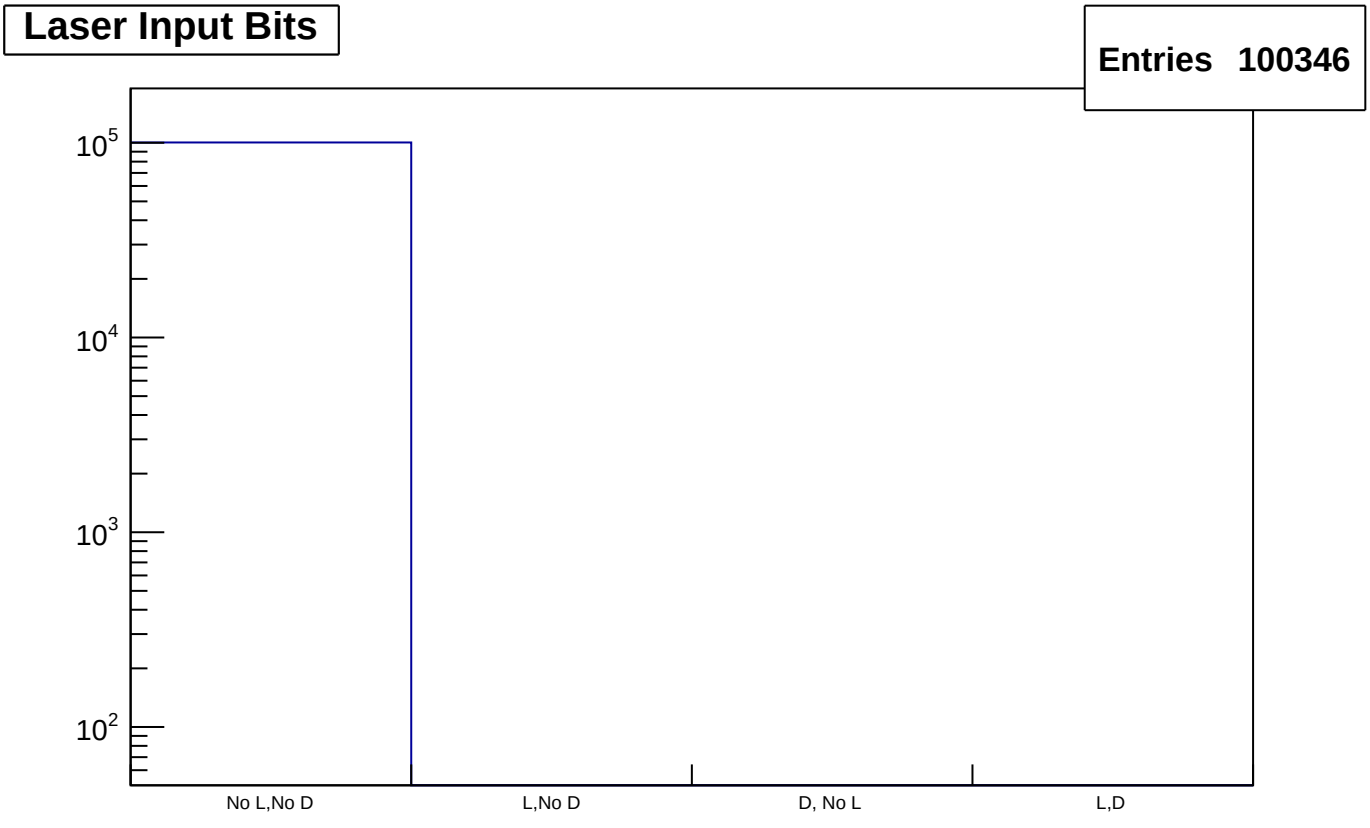

Entries 100346
TOF-Mult
VPD-West ADC Sum

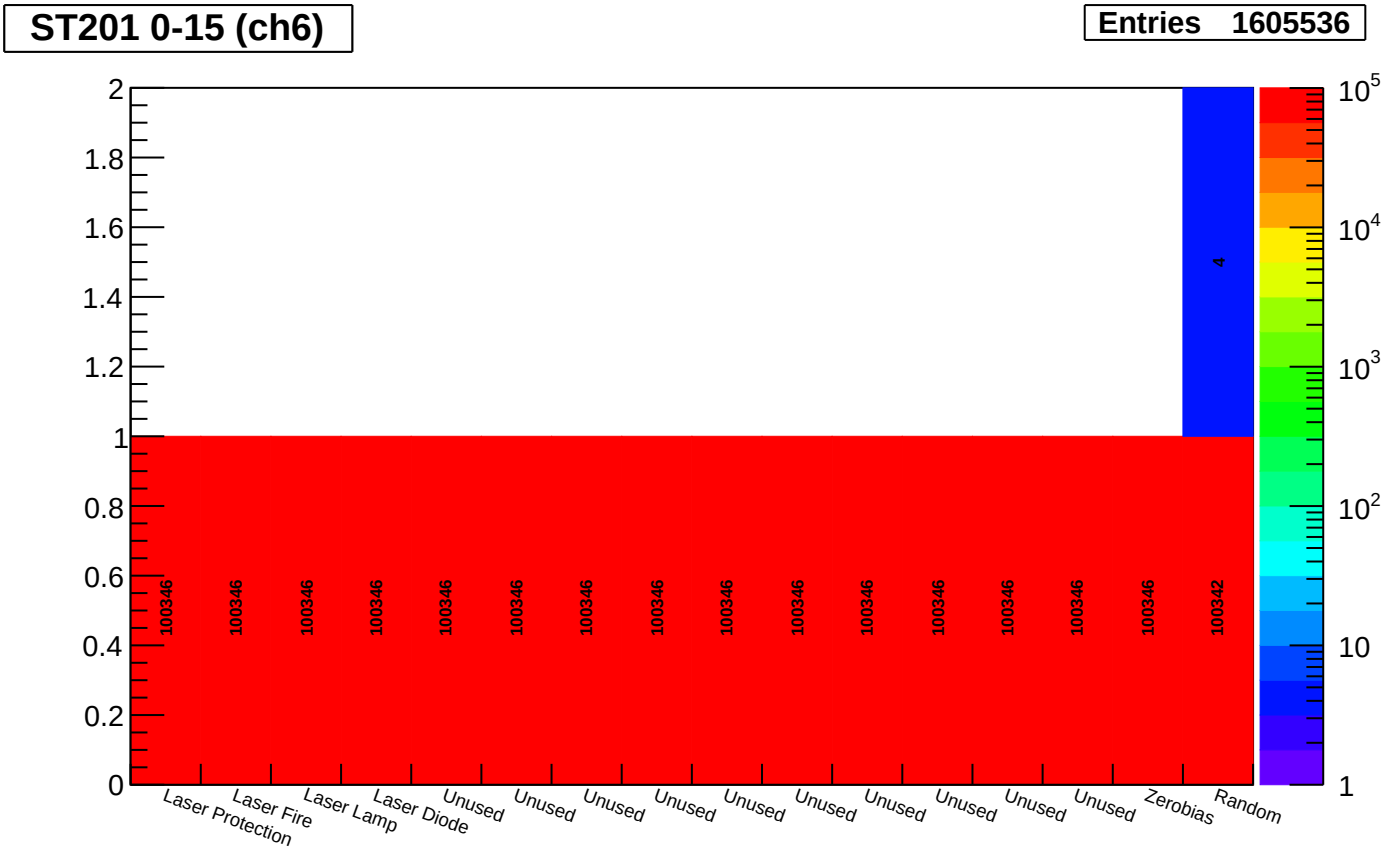

Entries 100346
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

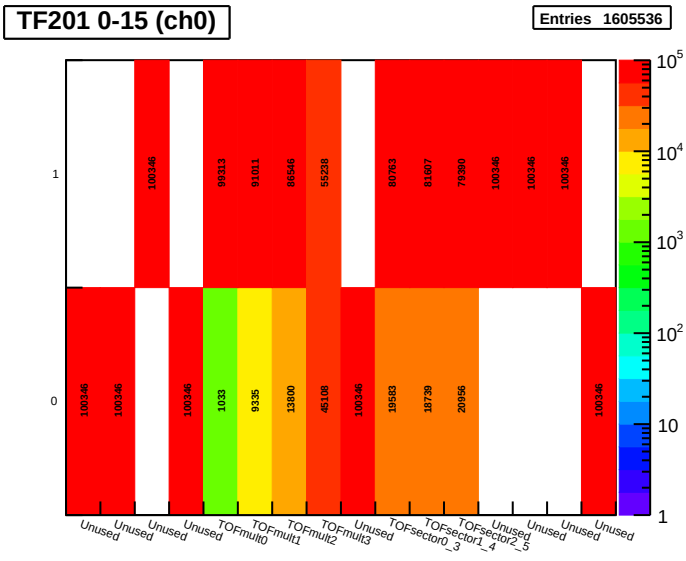

Entries 100346
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

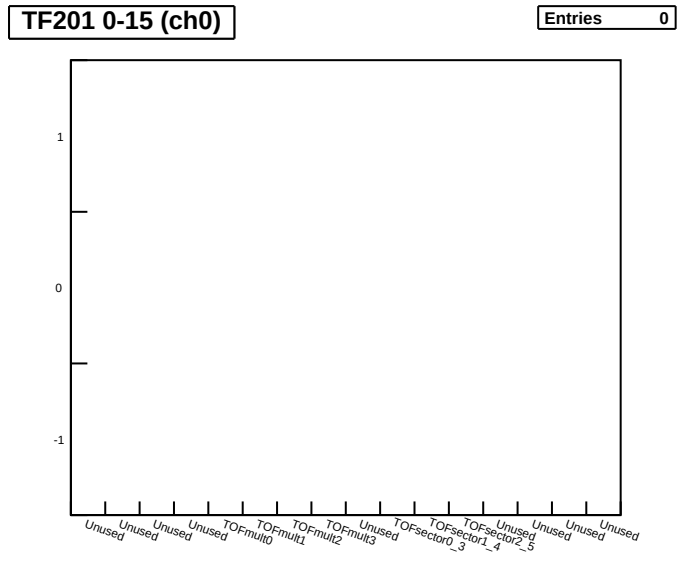

Entries 100346
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

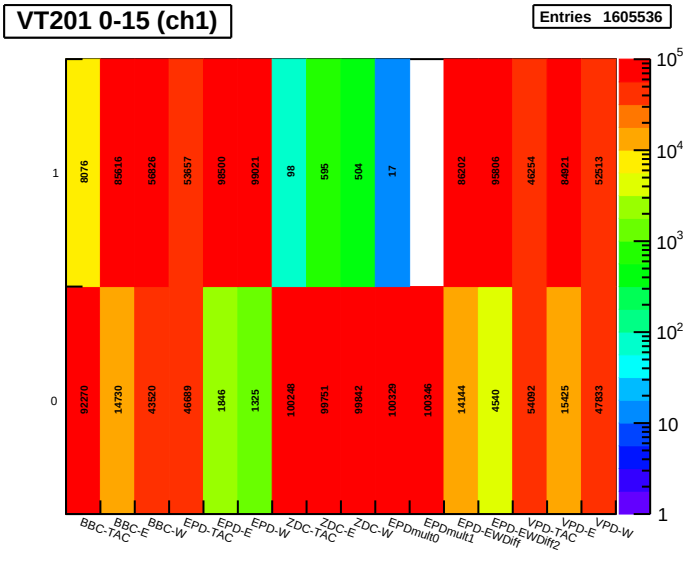

Entries 100346
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

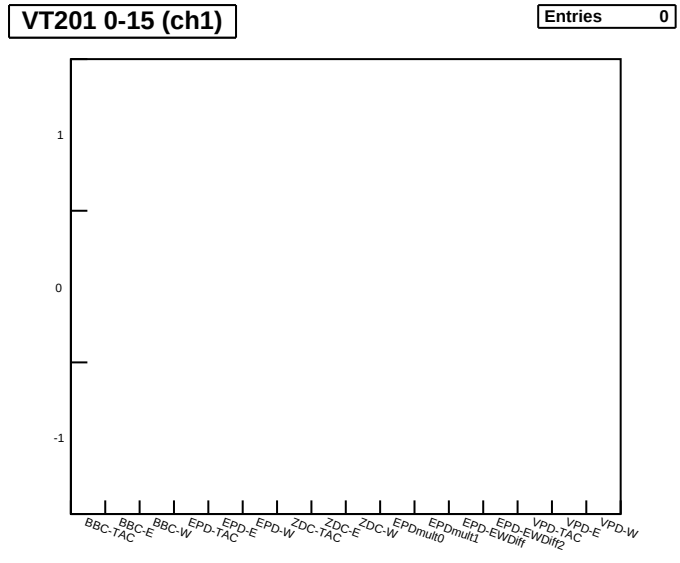

Laser Input Bits
Entries 100346
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

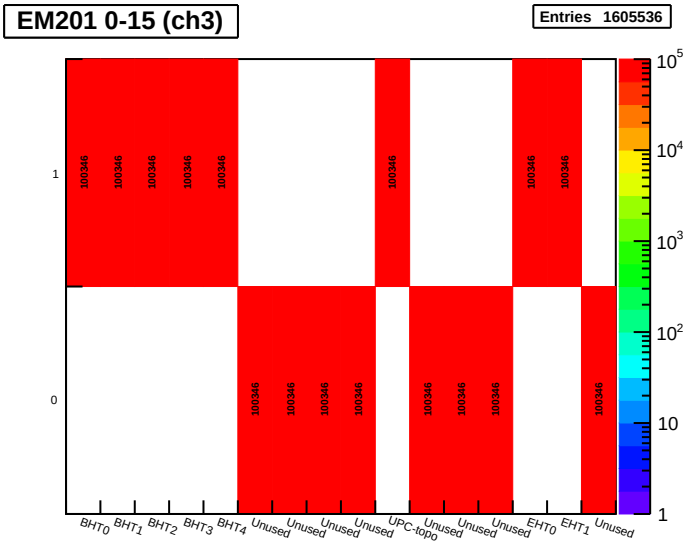

ST201 0-15 (ch6)
Entries 1605536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^5
10^4
10^3
10^2
10
1
4
100346
100342
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

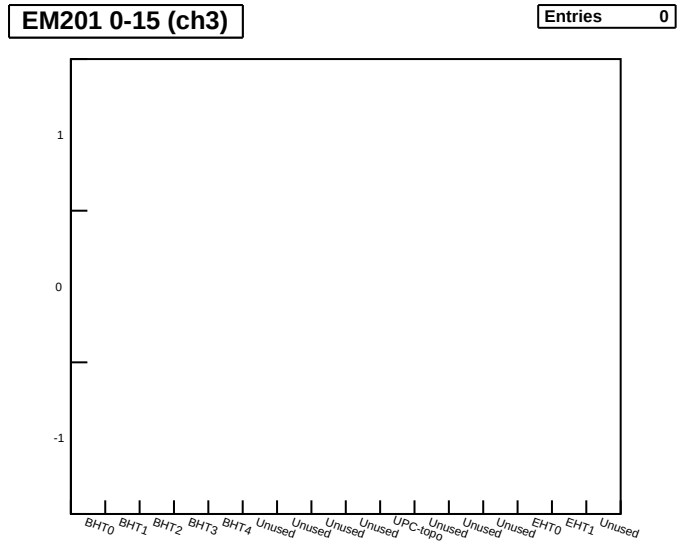

TF201 0-15 (ch0)
Entries 1605536
1
0
100346 99313 91011 86546 55238 80763 81607 79390 100346 100346 100346
100346 100346 100346 1033 9335 13800 45108 100346 19583 18739 20956 100346
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused 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 1605536
1
0
8076 85616 58826 53657 98500 99021 98 595 504 17 85202 95896 46254 84921 52513
92270 14730 43520 46689 1846 1325 100248 99751 99842 100329 100346 14144 4540 54092 15425 47833
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 1605536
1
0
100346 100346 100346 100346 100346 100346 100346 100346 100346
100346 100346 100346 100346 100346 100346 100346 100346
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