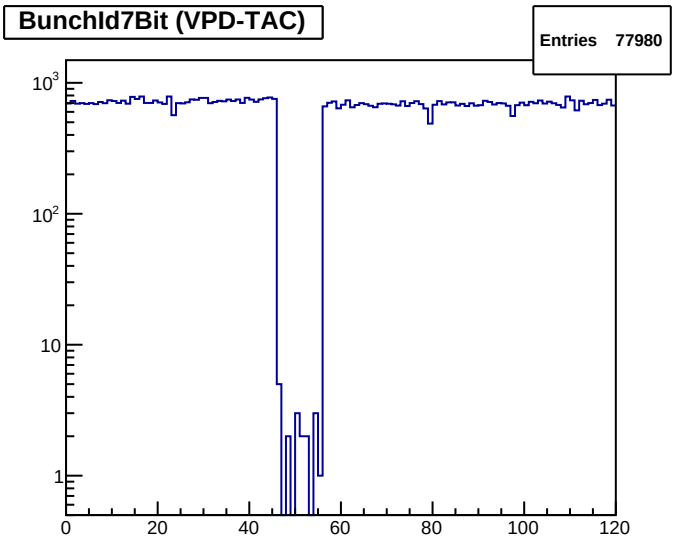
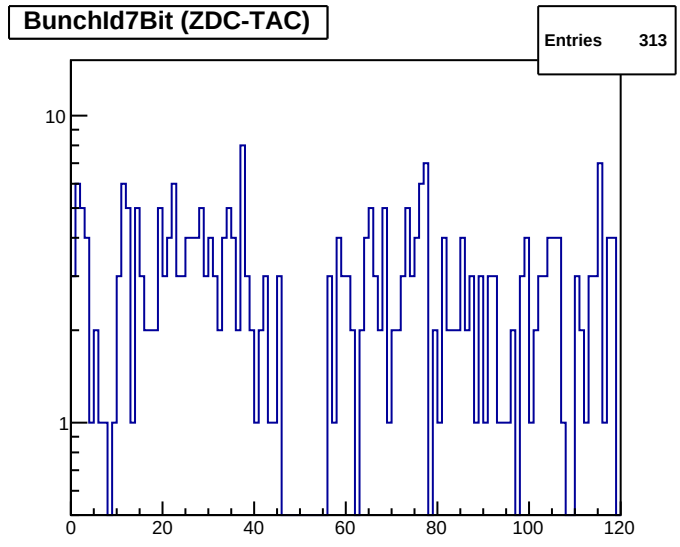
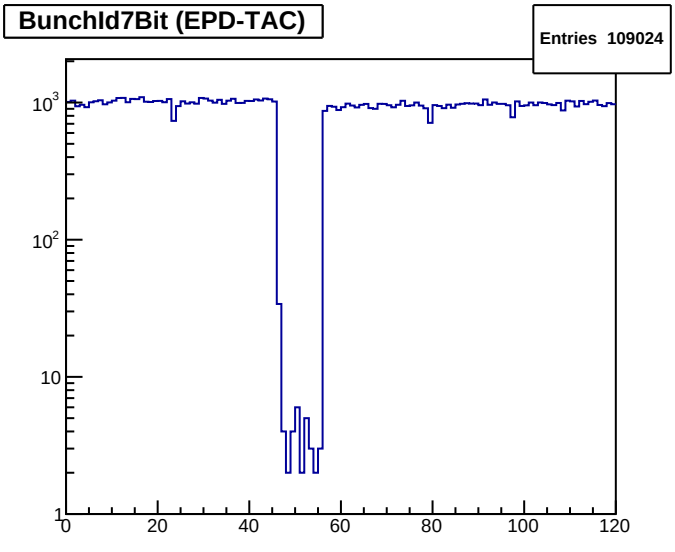
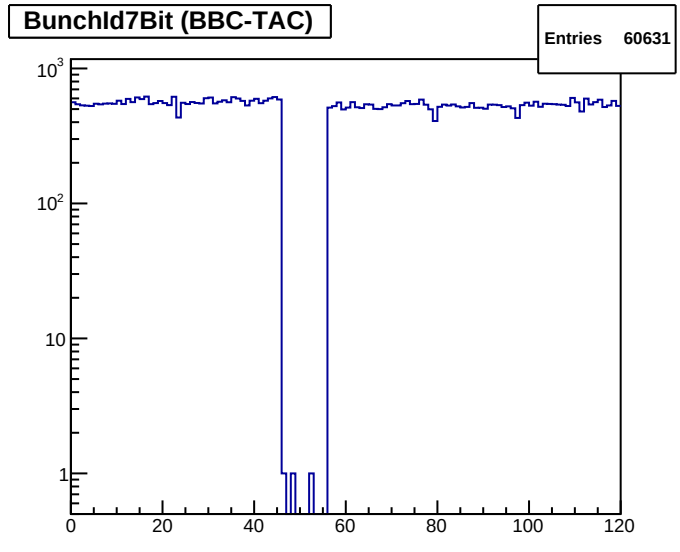
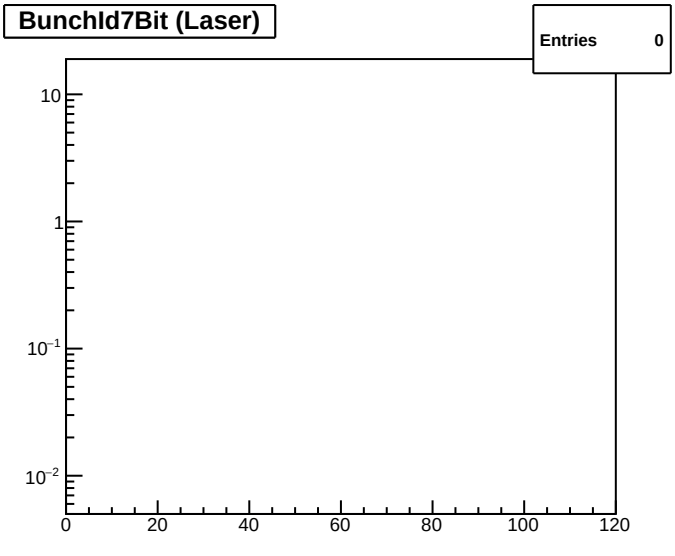
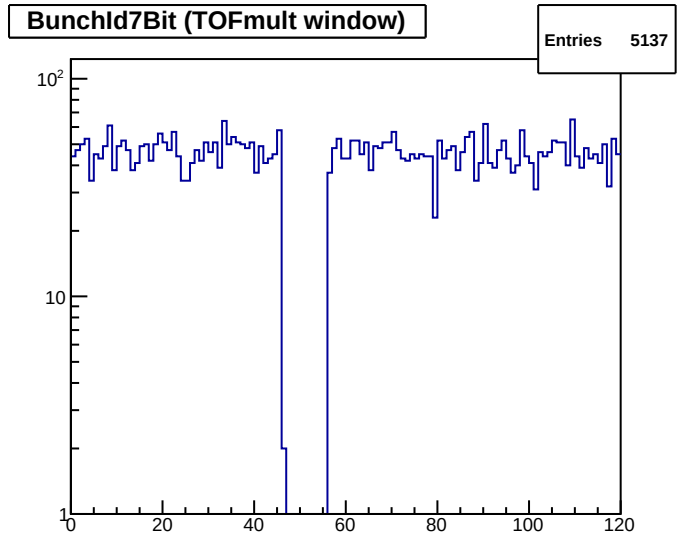

BunchId7Bit (VPD-TAC)
Entries 77980

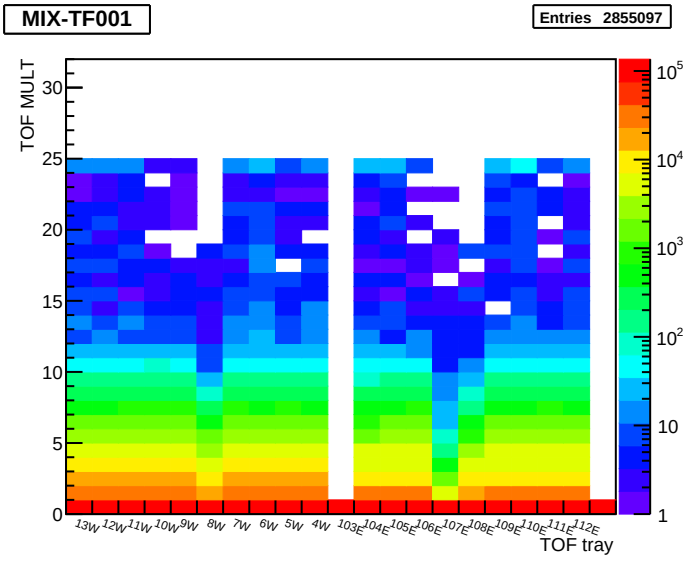

BunchId7Bit (ZDC-TAC)
Entries 313

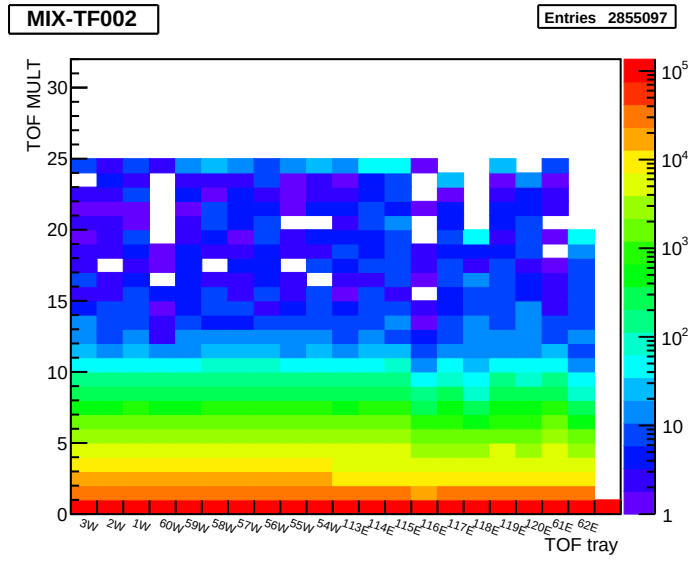

BunchId7Bit (EPD-TAC)
Entries 109024

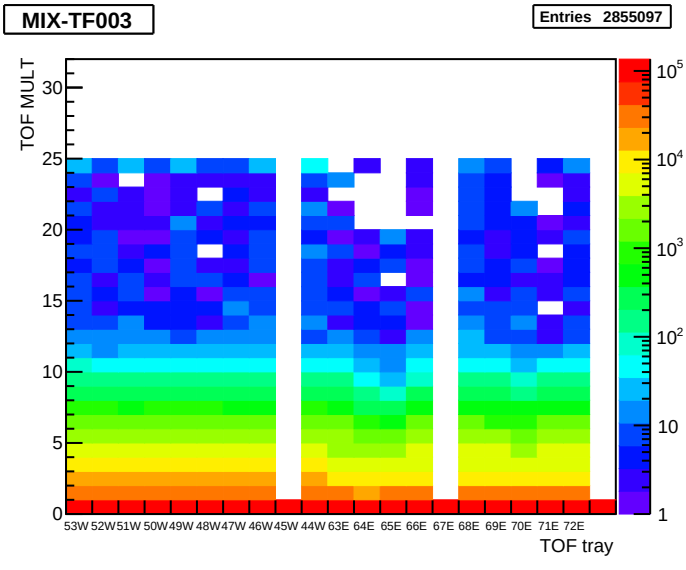

BunchId7Bit (BBC-TAC)
Entries 60631

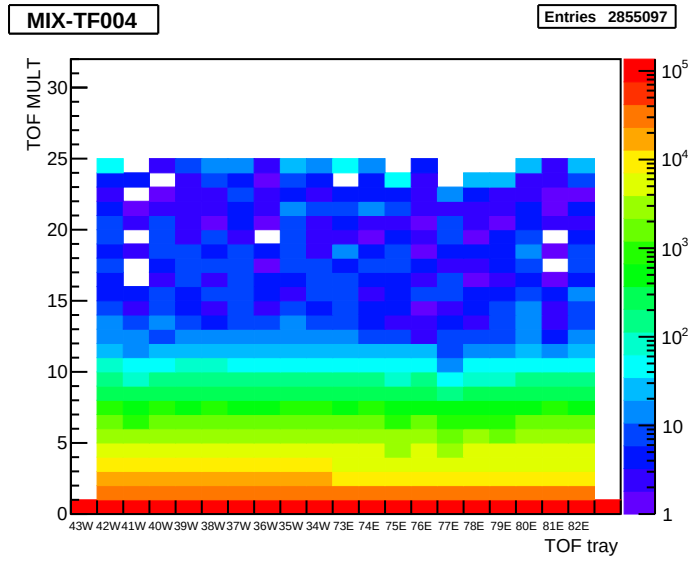

BunchId7Bit (Laser)
Entries 0

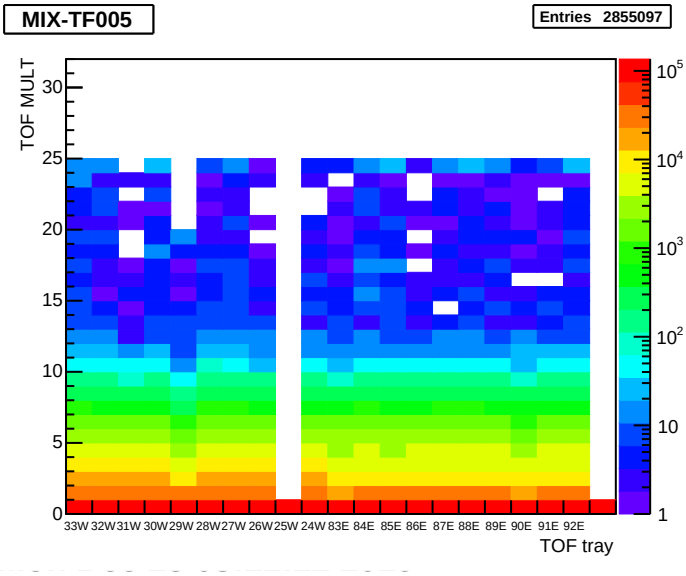

BunchId7Bit (TOFmult window)
Entries 5137

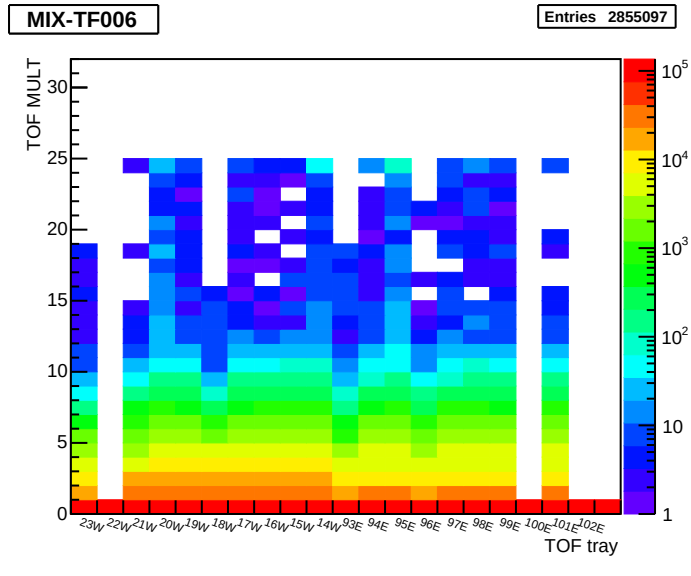

MIX-TF001
Entries 2855097
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

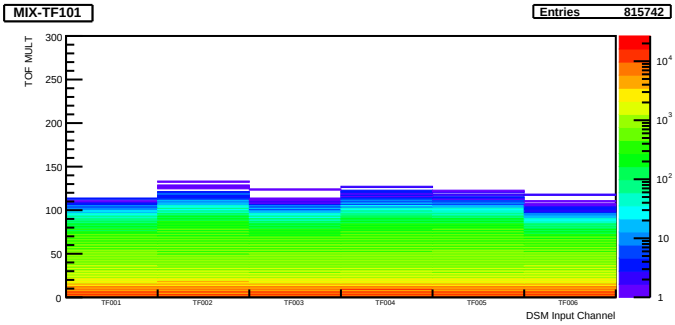

MIX-TF002
Entries 2855097
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

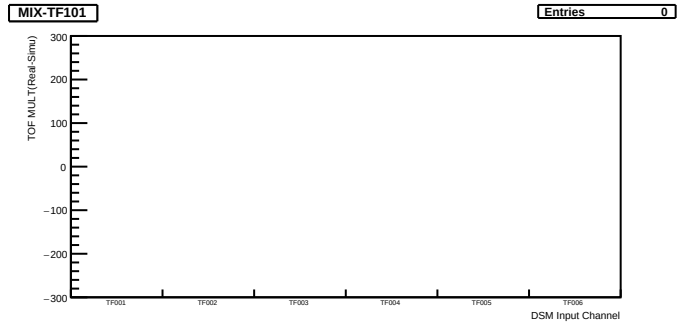

MIX-TF003
Entries 2855097
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

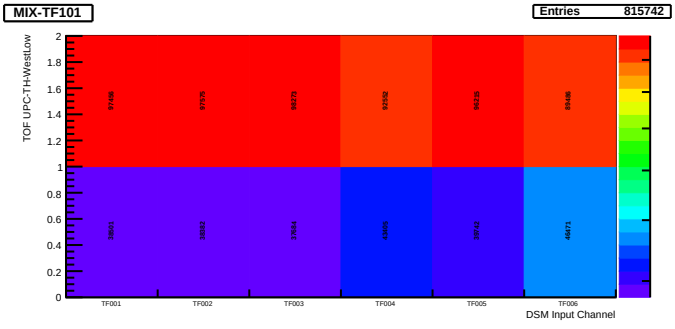

MIX-TF004
Entries 2855097
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

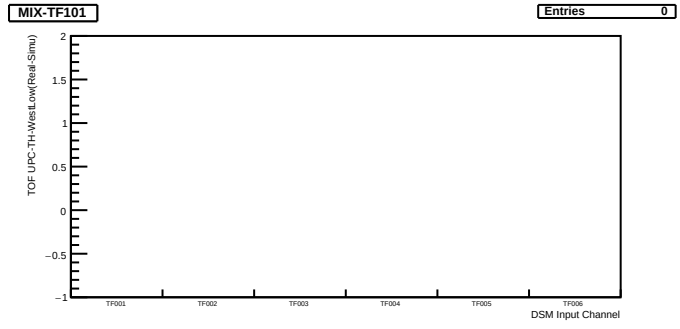

MIX-TF005
Entries 2855097
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

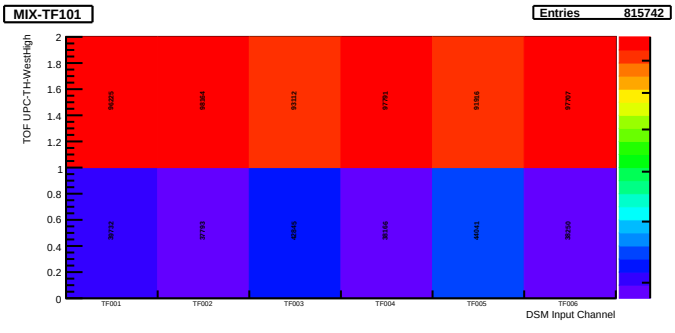

MIX-TF006
Entries 2855097
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

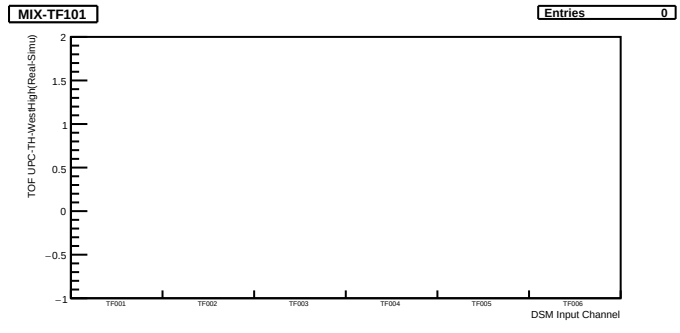

MIX-TF101
Entries 815742
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

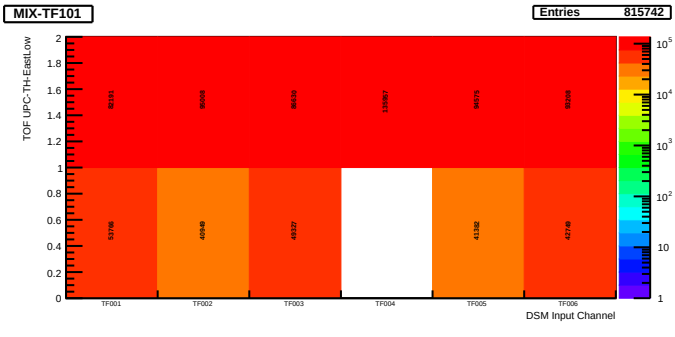

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

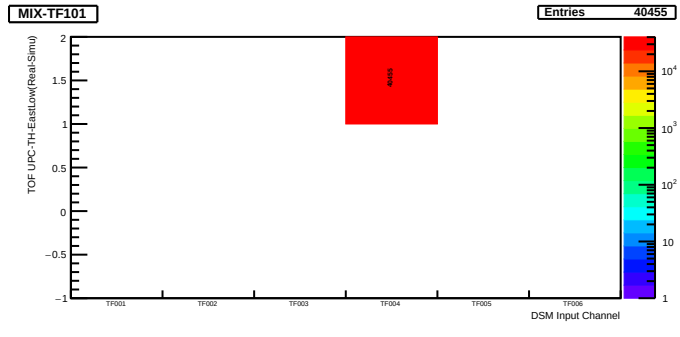

MIX-TF101
Entries 815742
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

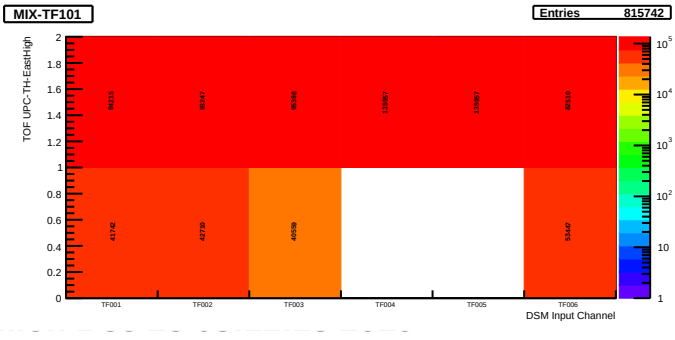

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

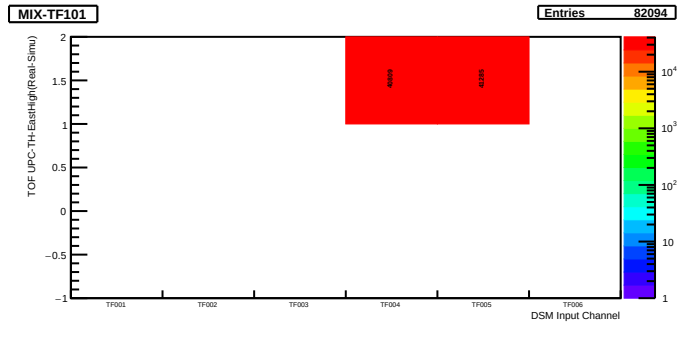

MIX-TF101
Entries 815742
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

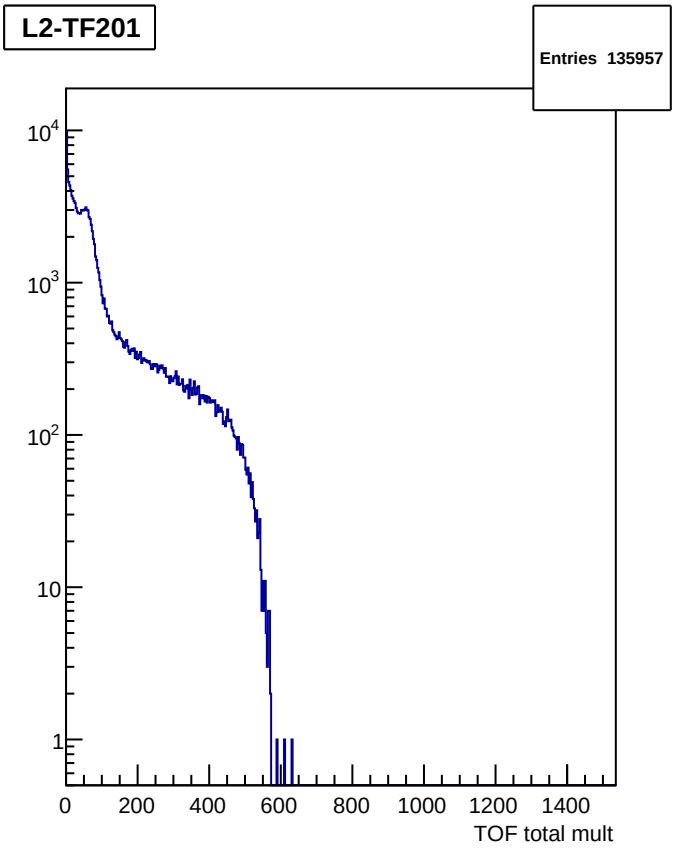

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

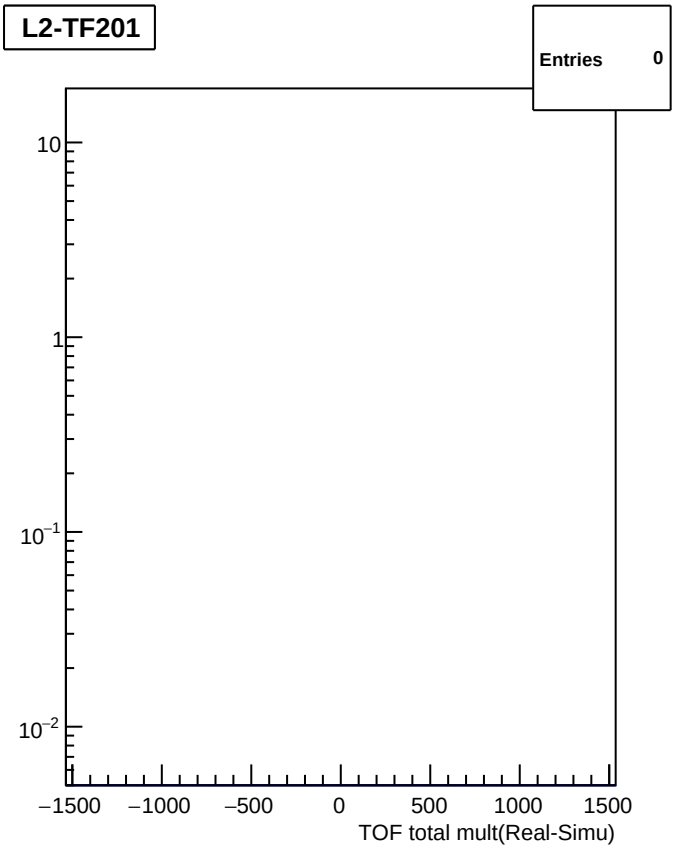

MIX-TF101
Entries 815742
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

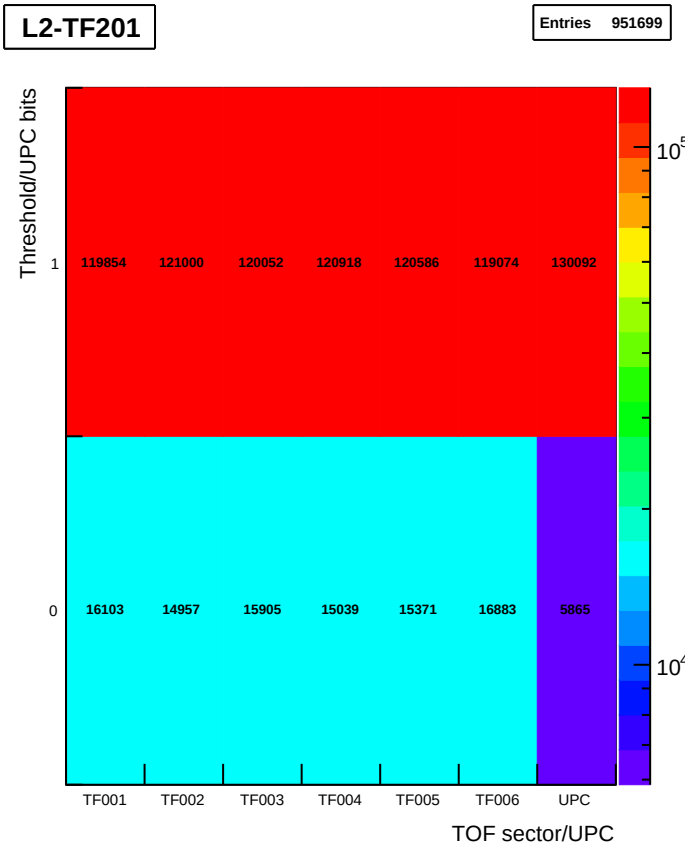

MIX-TF101
Entries 40455
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

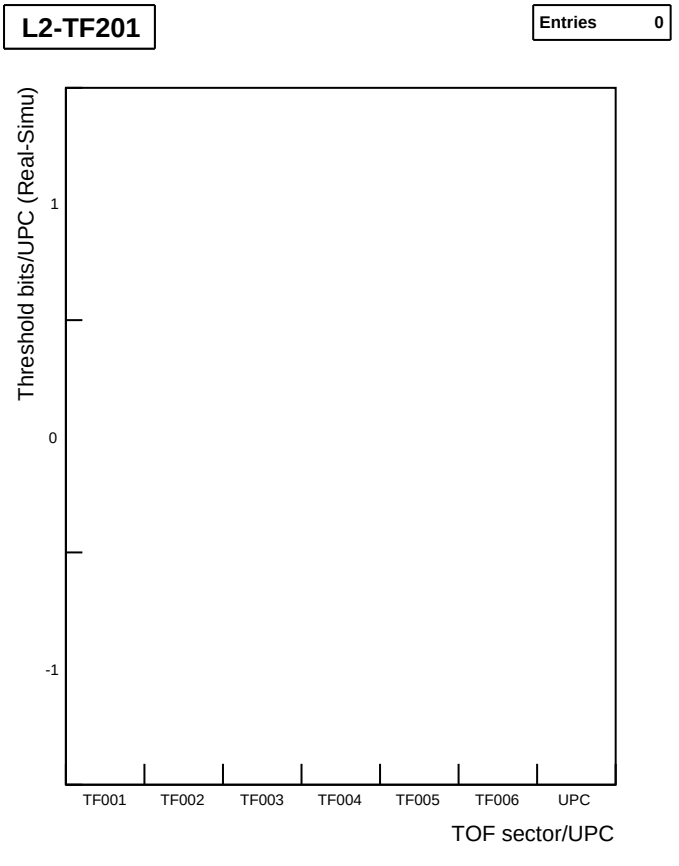

MIX-TF101
Entries 815742
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

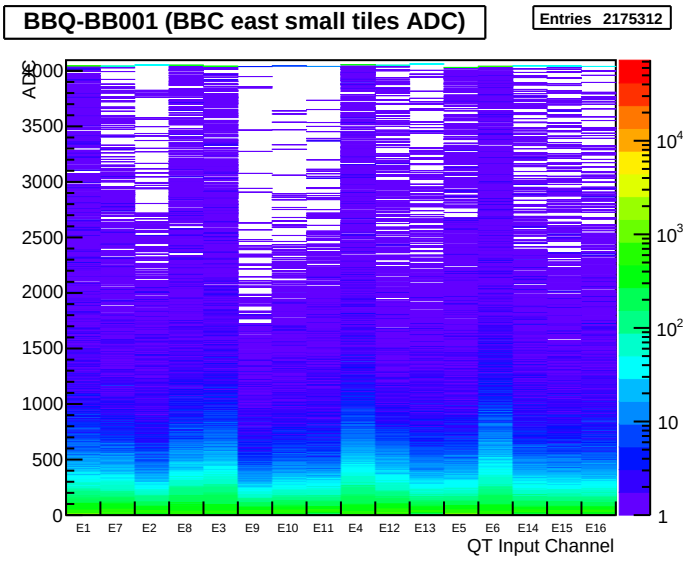

MIX-TF101
Entries 82094
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

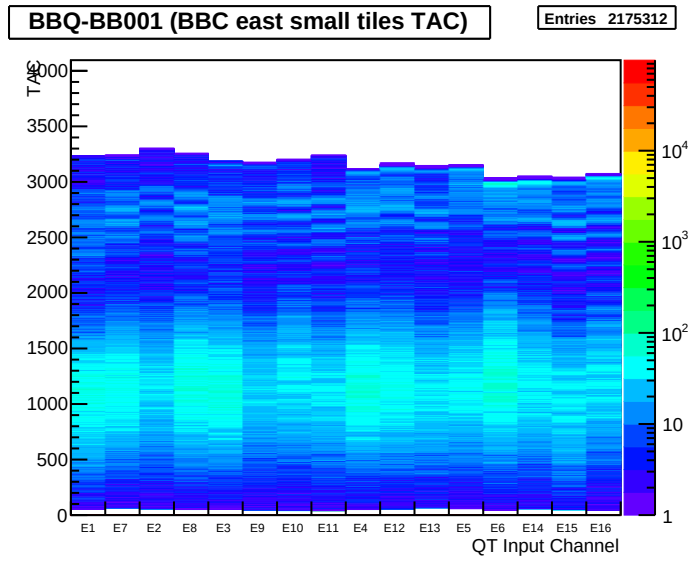

L2-TF201
Entries 135957
TOF total mult

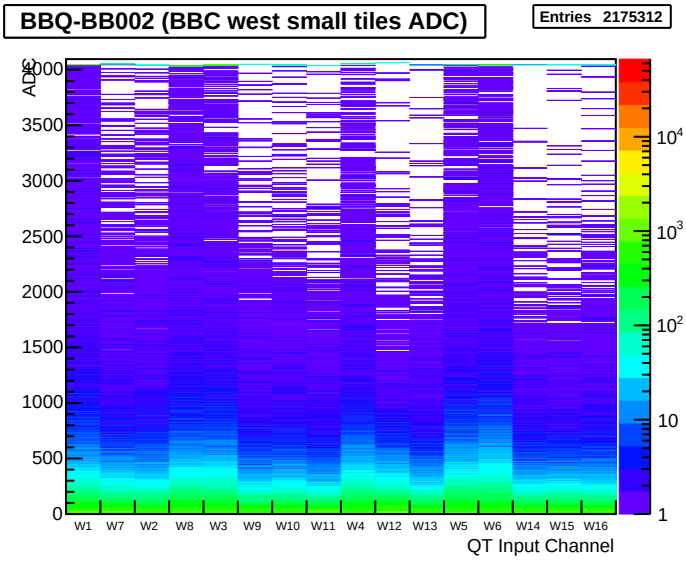

L2-TF201
Entries 0
TOF total mult(Real-Simu)

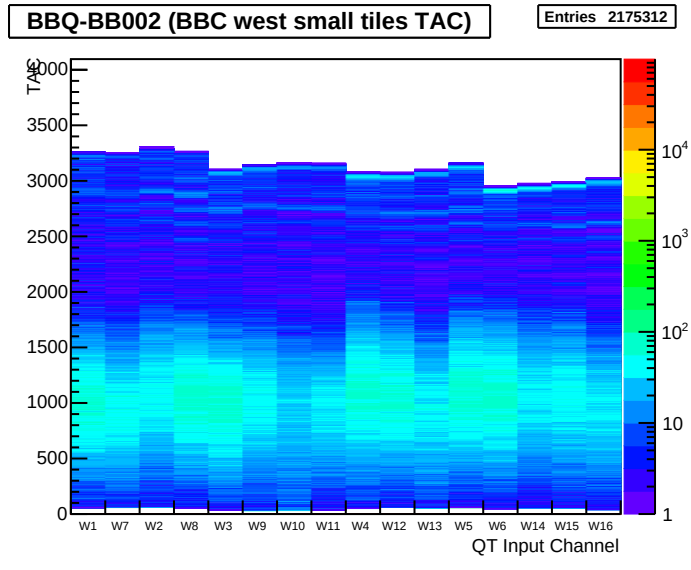

L2-TF201
Entries 951699
Threshold/UPC bits
119854 121000 120052 120918 120586 119074 130092
16103 14957 15905 15039 15371 16883 5865
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

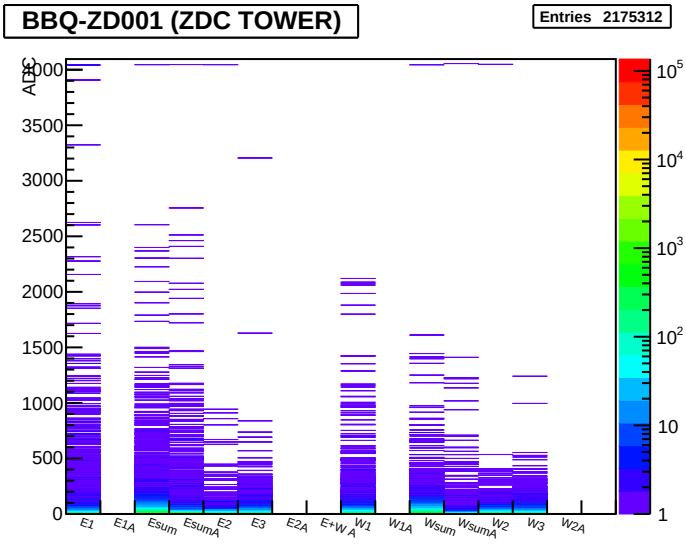

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

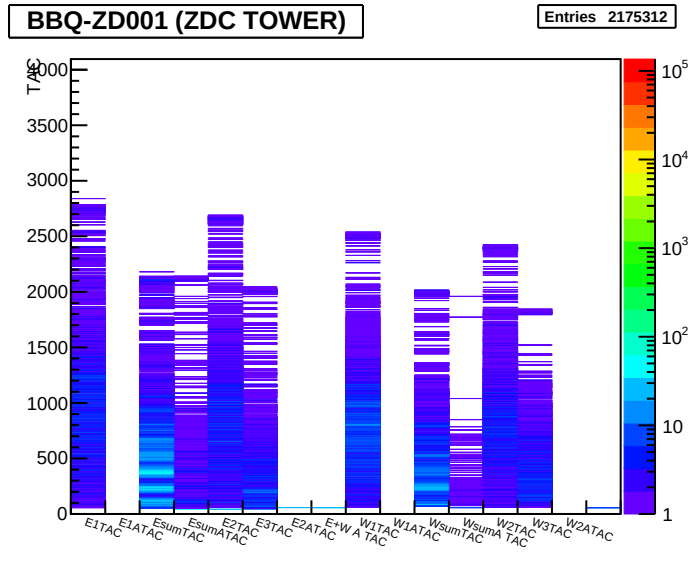

BBQ-BB001 (BBC east small tiles ADC)
Entries 2175312
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

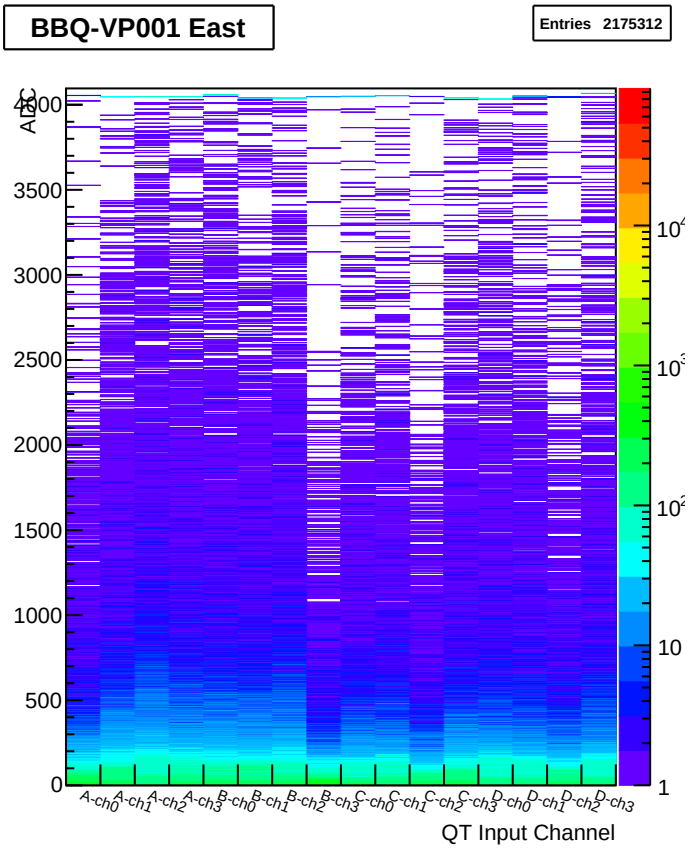

BBQ-BB001 (BBC east small tiles TAC)
Entries 2175312
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

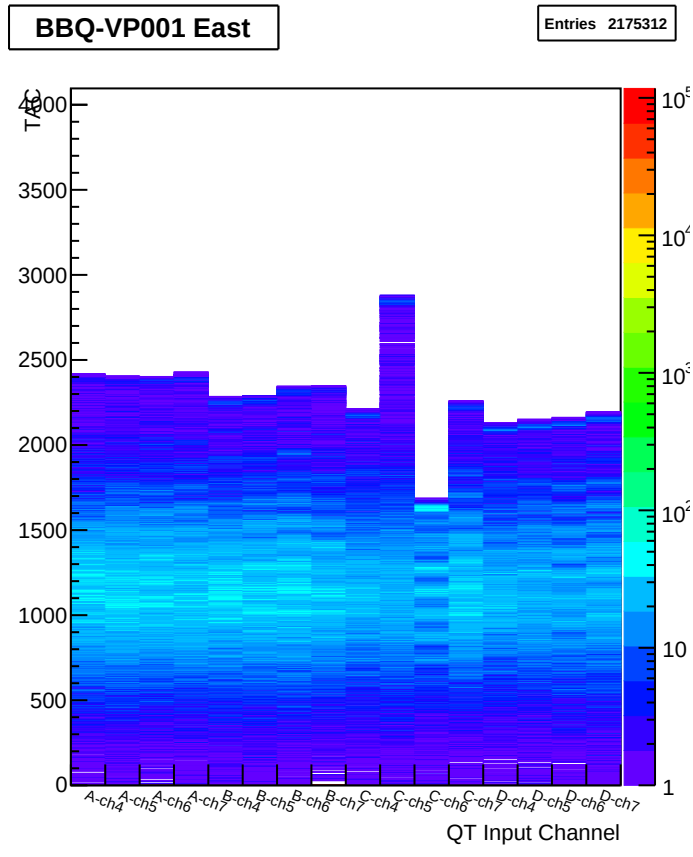

BBQ-BB002 (BBC west small tiles ADC)
Entries 2175312
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

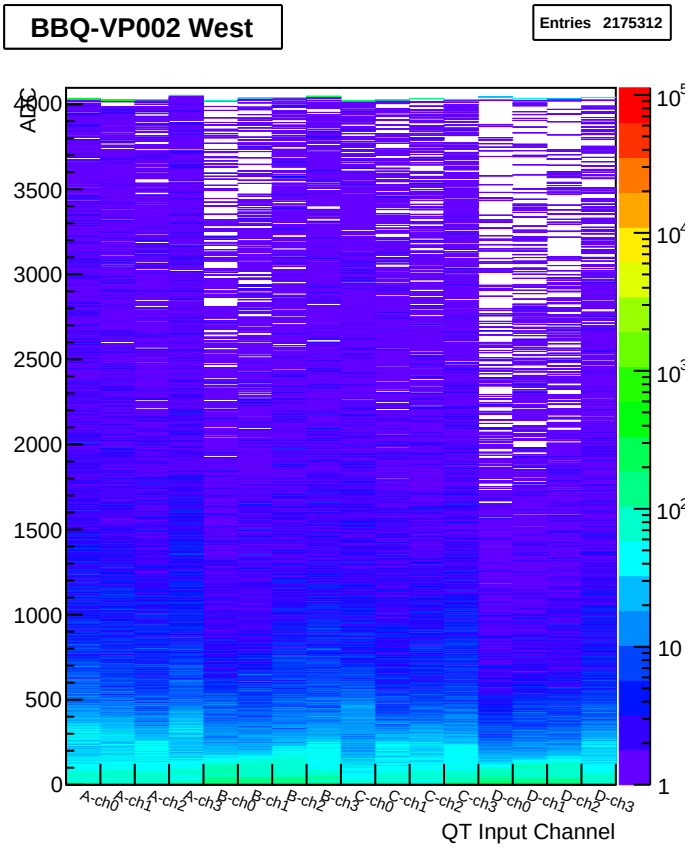

BBQ-BB002 (BBC west small tiles TAC)
Entries 2175312
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

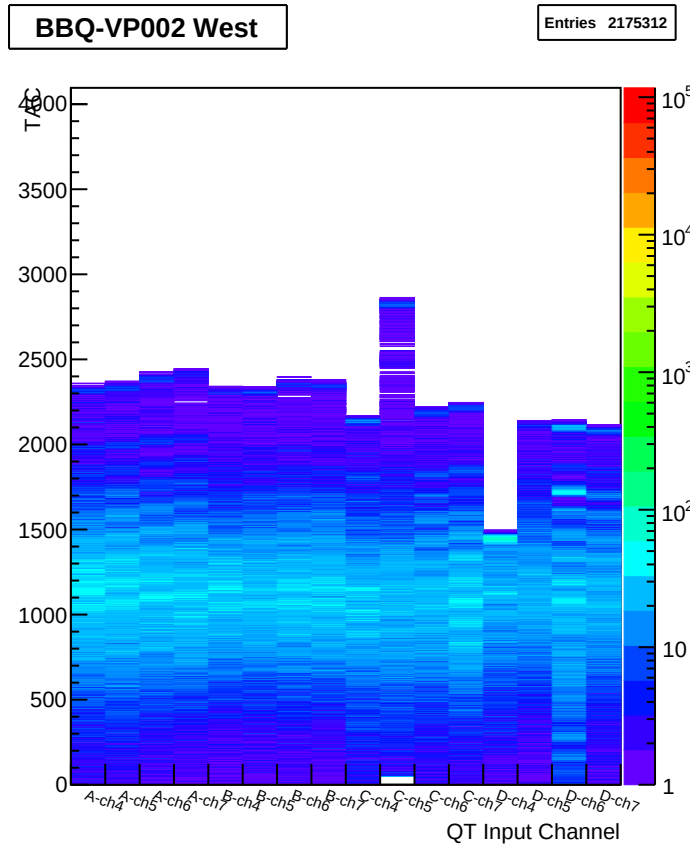

BBQ-ZD001 (ZDC TOWER)
Entries 2175312
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

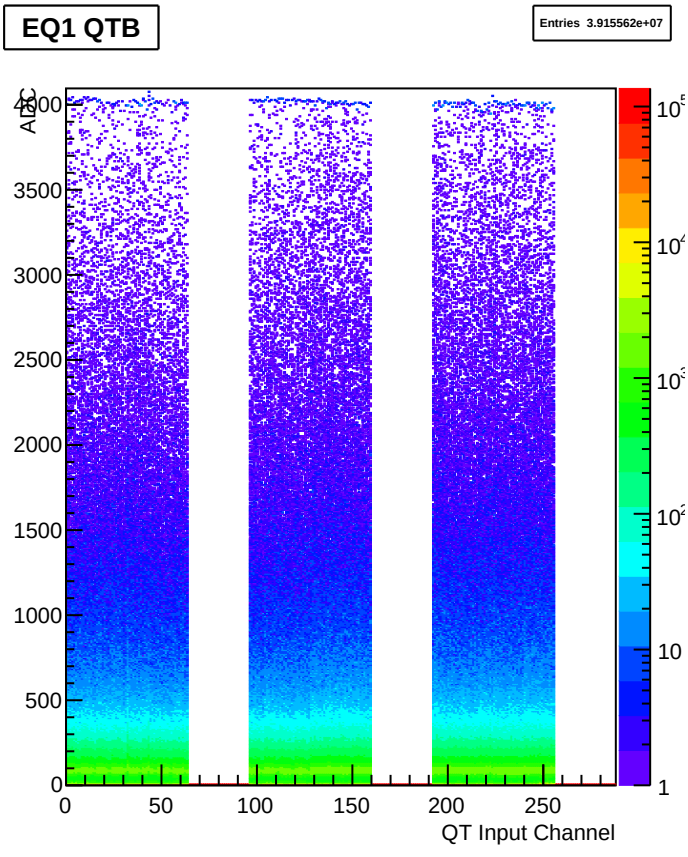

BBQ-ZD001 (ZDC TOWER)
Entries 2175312
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

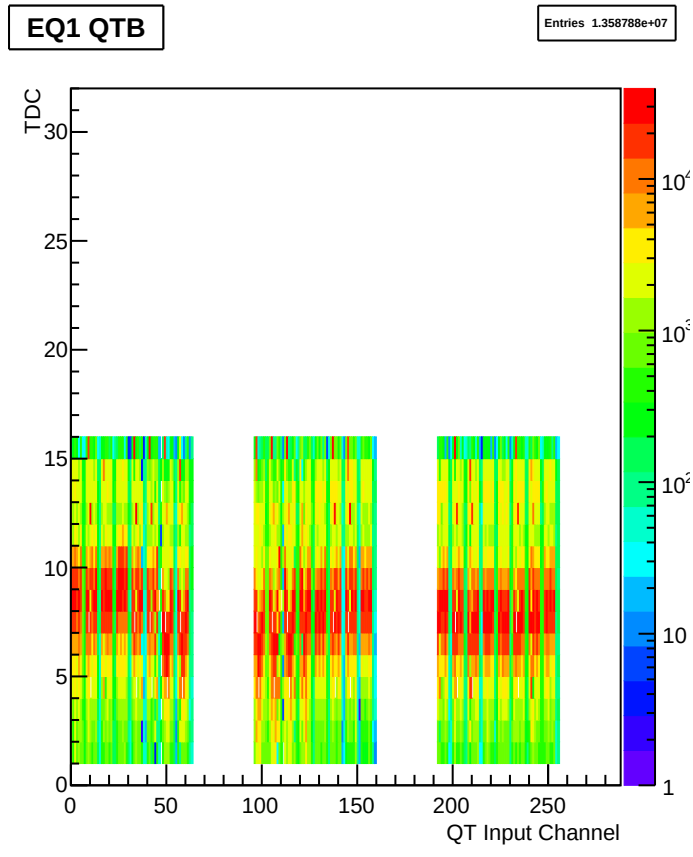

BBQ-VP001 East
Entries 2175312
ADC
QT Input Channel

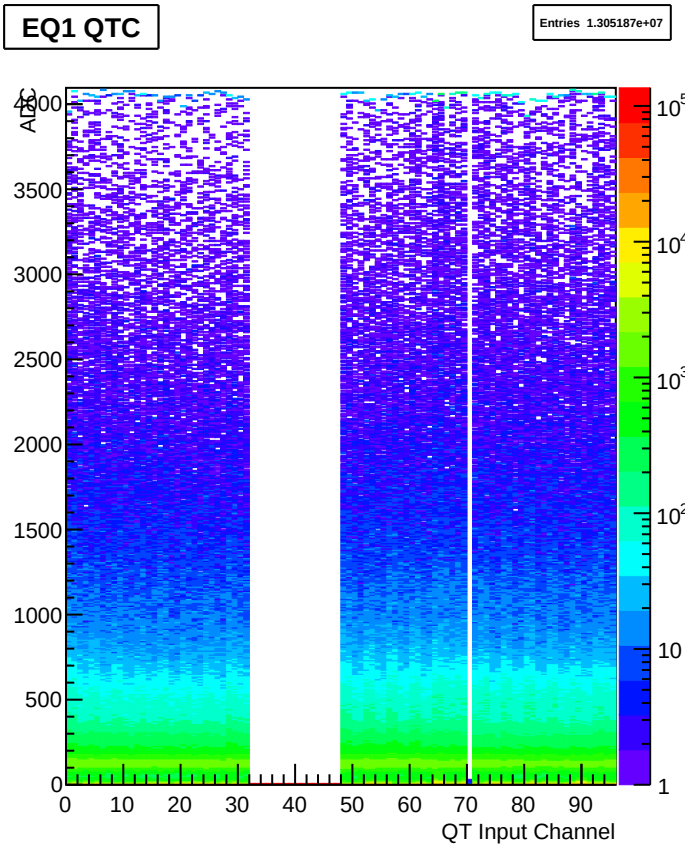

BBQ-VP001 East
Entries 2175312
TADC
QT Input Channel

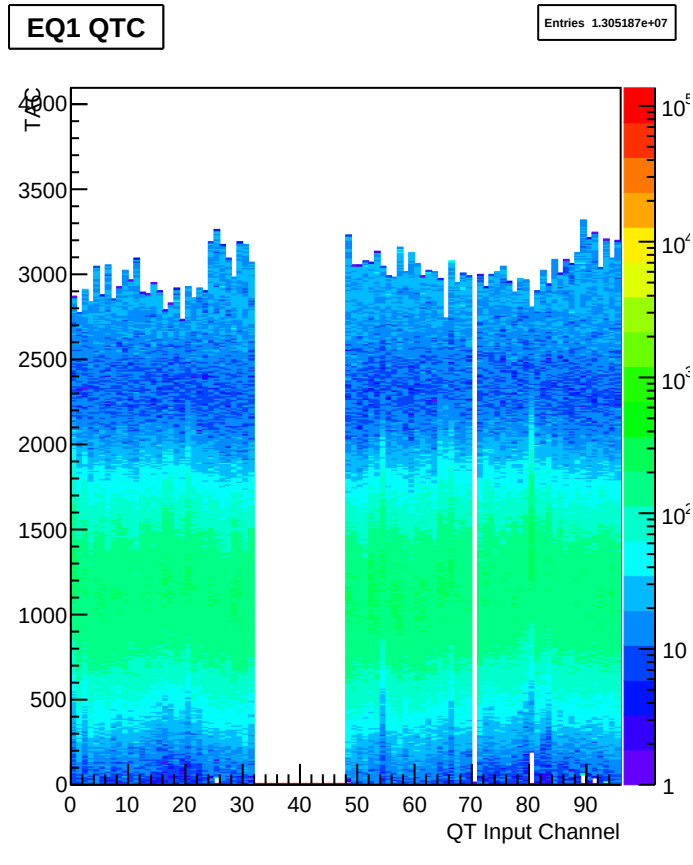

BBQ-VP002 West
Entries 2175312
ADC
QT Input Channel

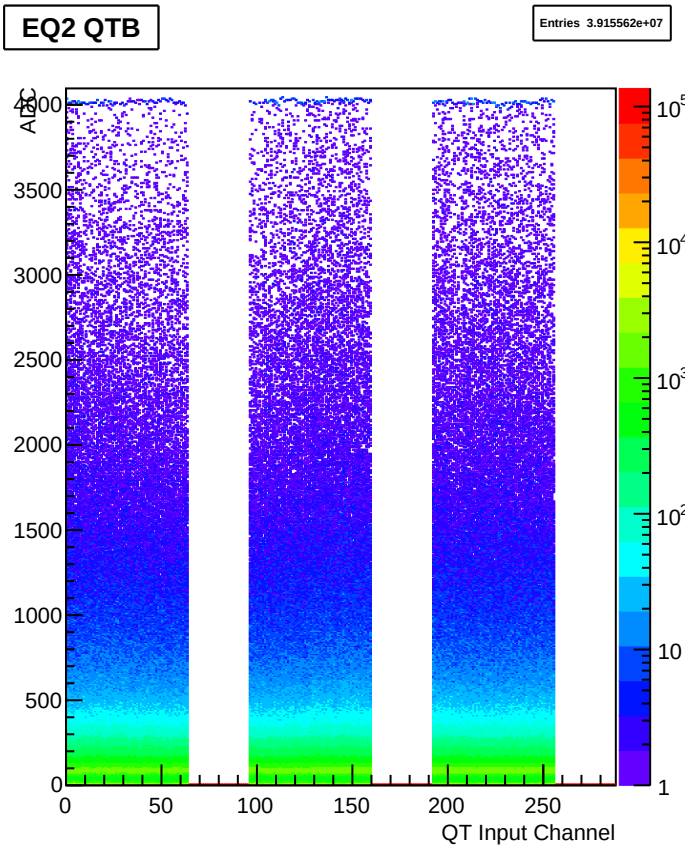

BBQ-VP002 West
Entries 2175312
TADC
QT Input Channel

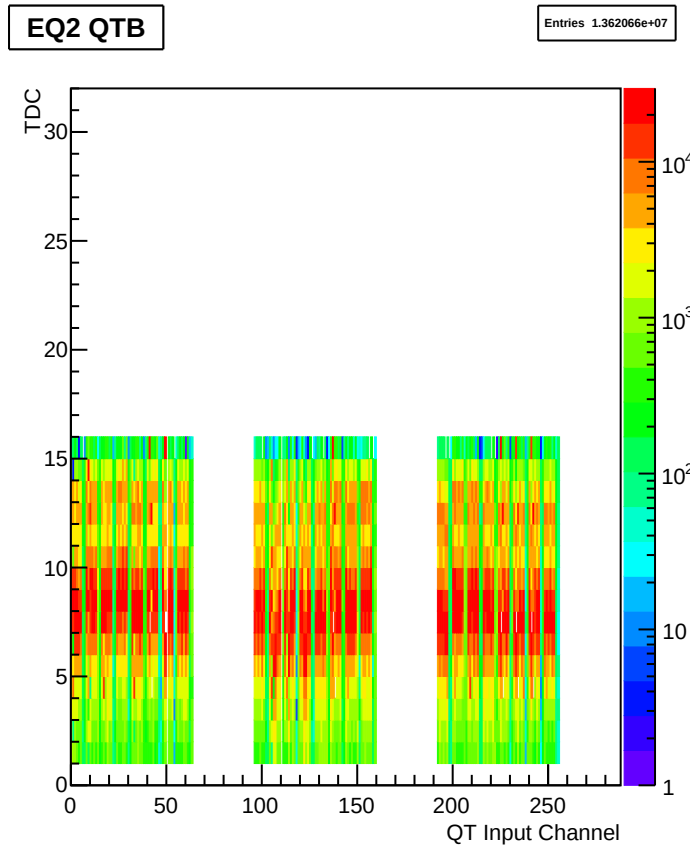

EQ1 QTB
Entries 3.915562e+07
ADC
QT Input Channel

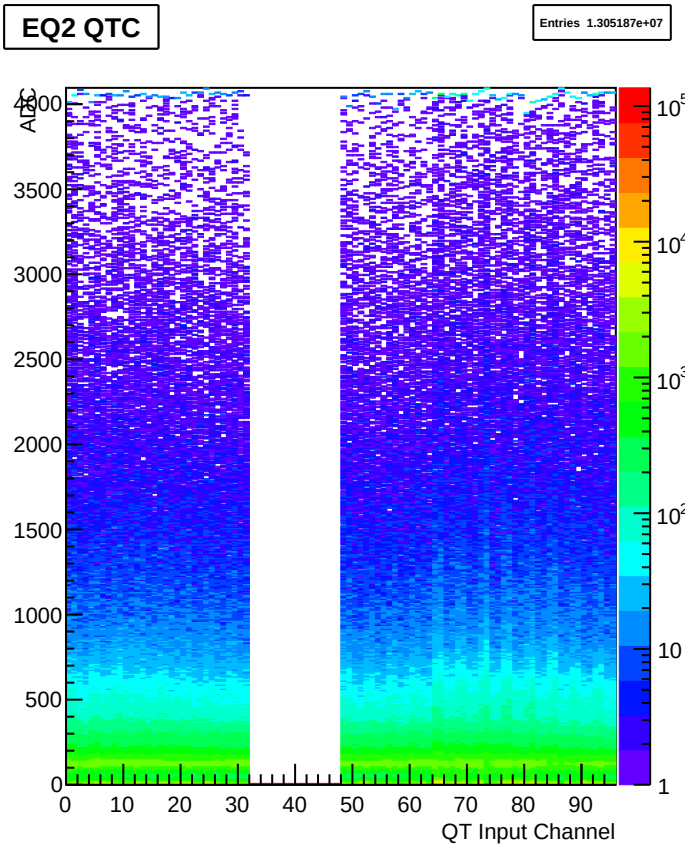

EQ1 QTB
Entries 1.358788e+07
TDC
QT Input Channel

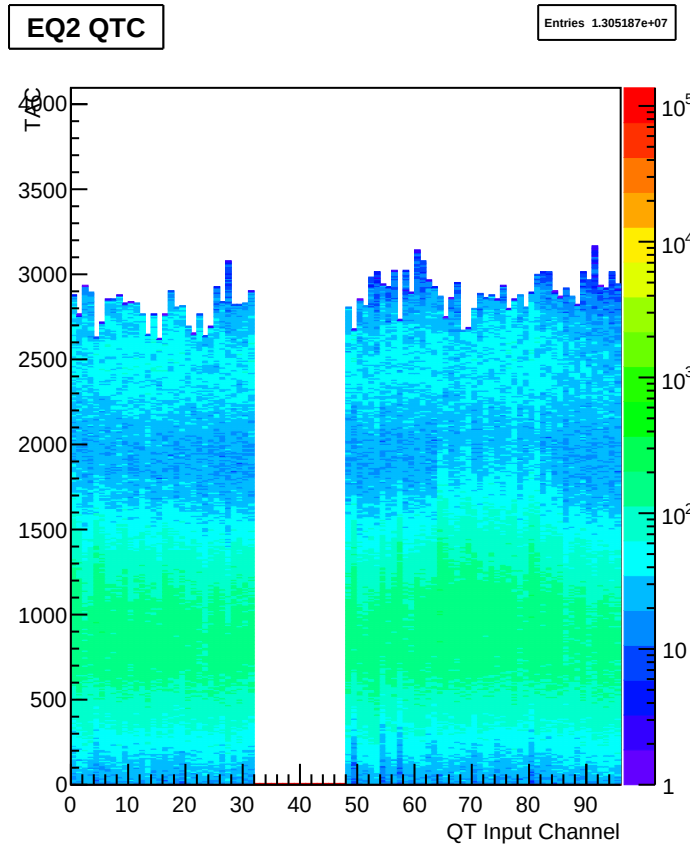

EQ1 QTC
Entries 1.305187e+07
ADC
QT Input Channel

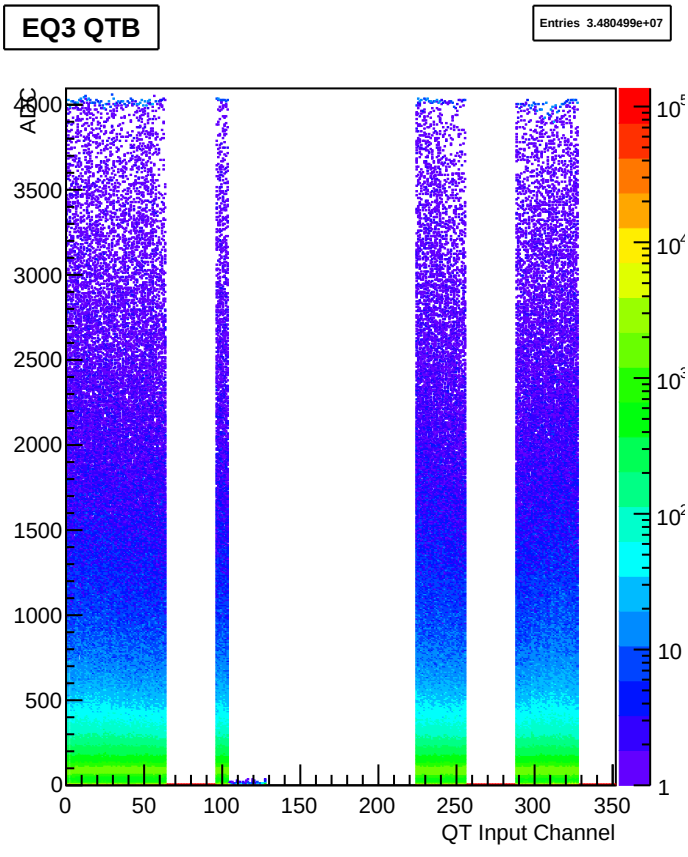

EQ1 QTC
Entries 1.305187e+07
TADC
QT Input Channel

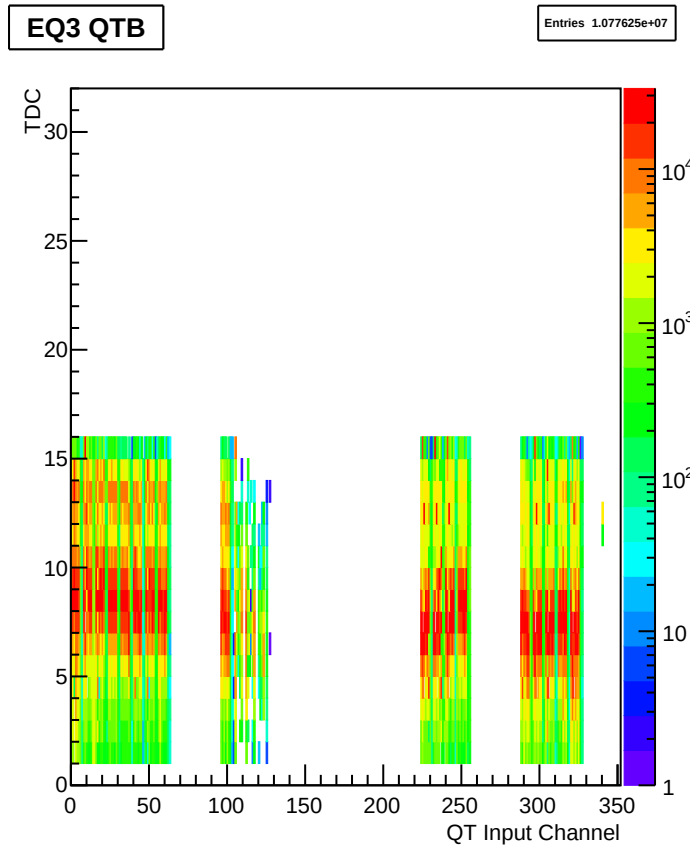

EQ2 QTB
Entries 3.915562e+07
ADC
QT Input Channel

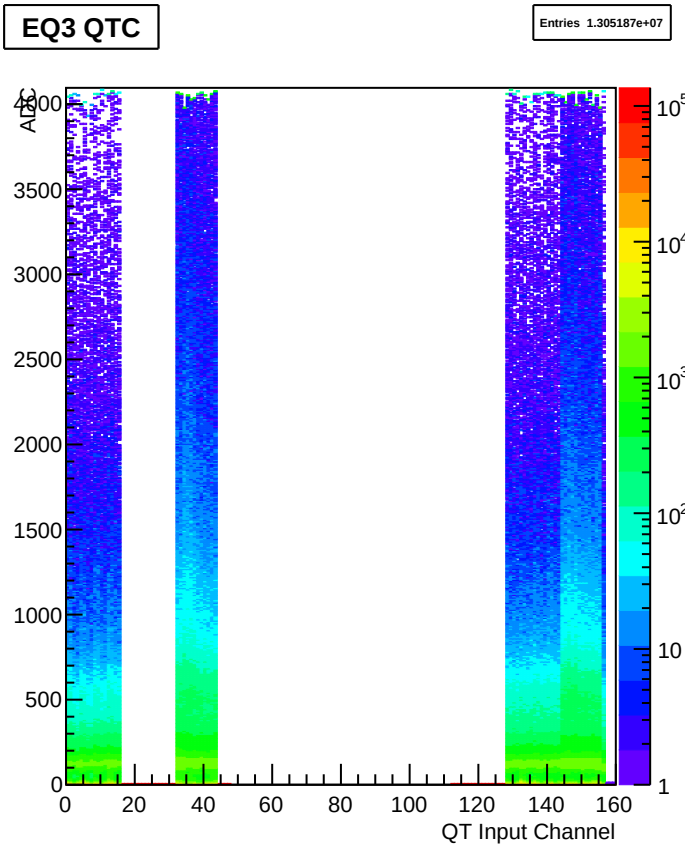

EQ2 QTB
Entries 1.362066e+07
TDC
QT Input Channel

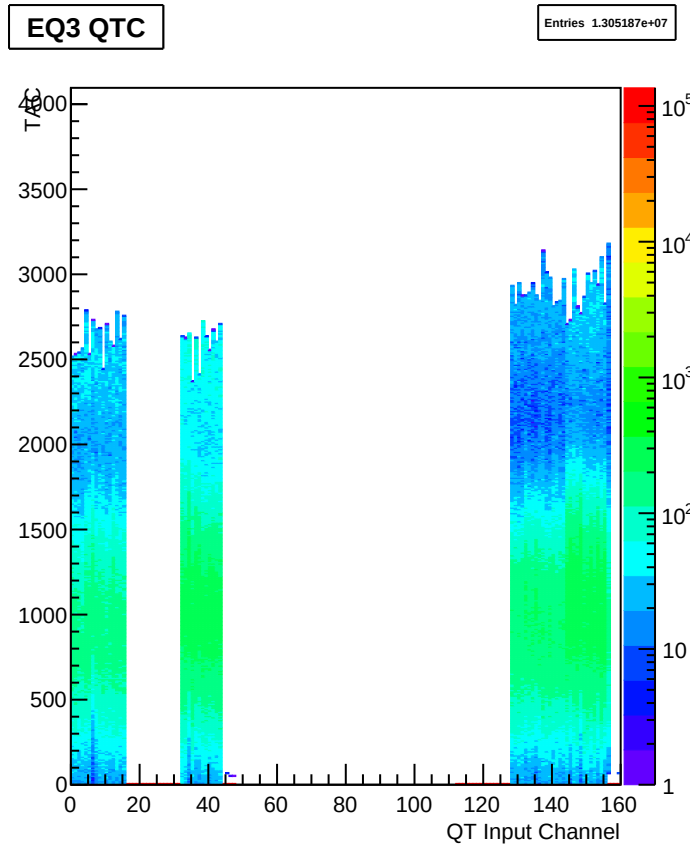

EQ2 QTC
Entries 1.305187e+07
ADC
QT Input Channel

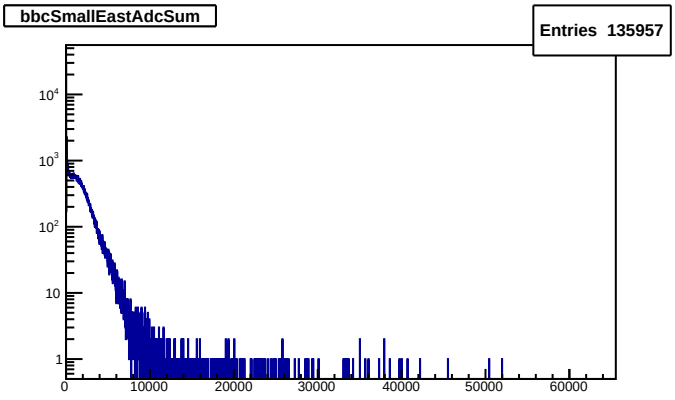

EQ2 QTC
Entries 1.305187e+07
TADC
QT Input Channel

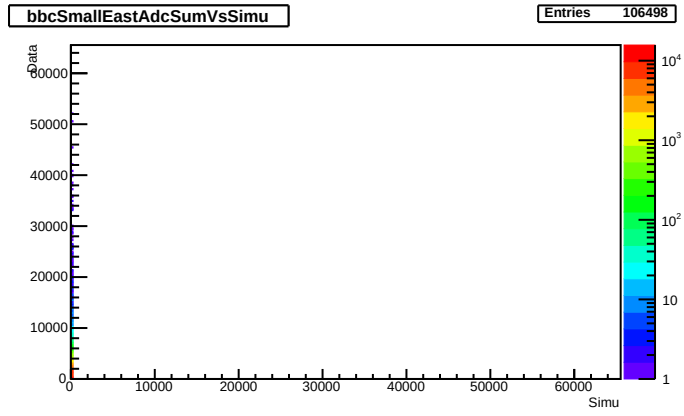

EQ3 QTB
Entries 3.480499e+07
ADC
QT Input Channel

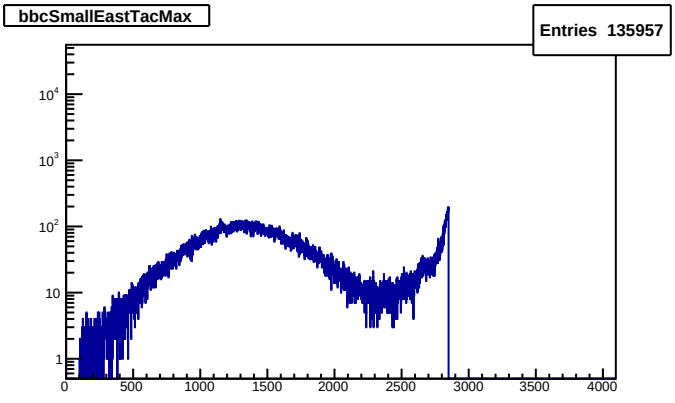

EQ3 QTB
Entries 1.077625e+07
TDC
QT Input Channel

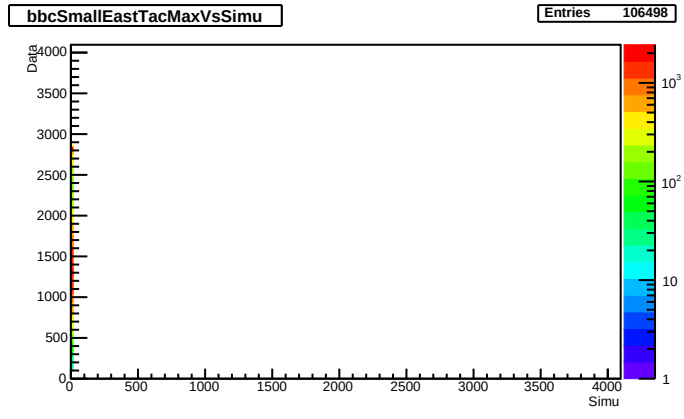

EQ3 QTC
Entries 1.305187e+07
ADC
QT Input Channel

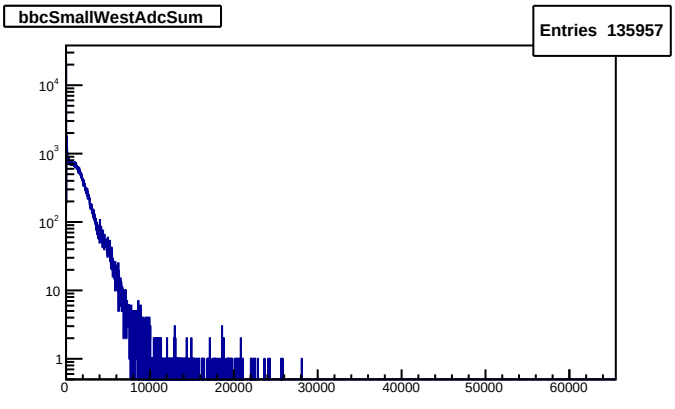

EQ3 QTC
Entries 1.305187e+07
TADC
QT Input Channel

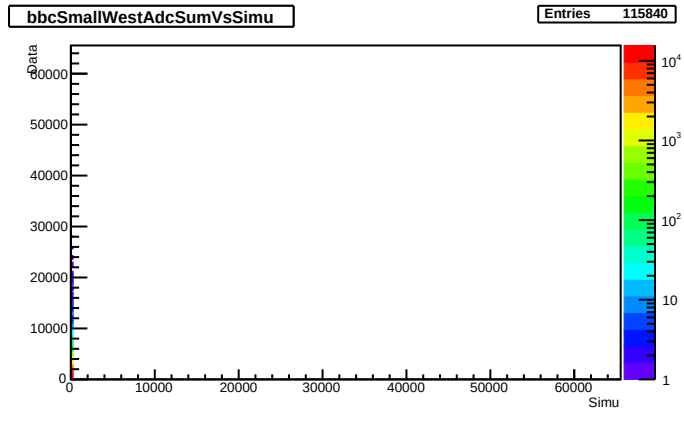

bbcSmallEastAdcSum
Entries 135957

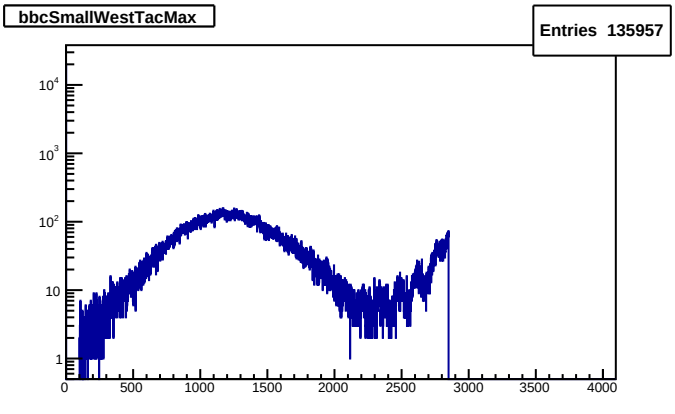

bbcSmallEastAdcSumVsSimu
Entries 106498
Data
Simu

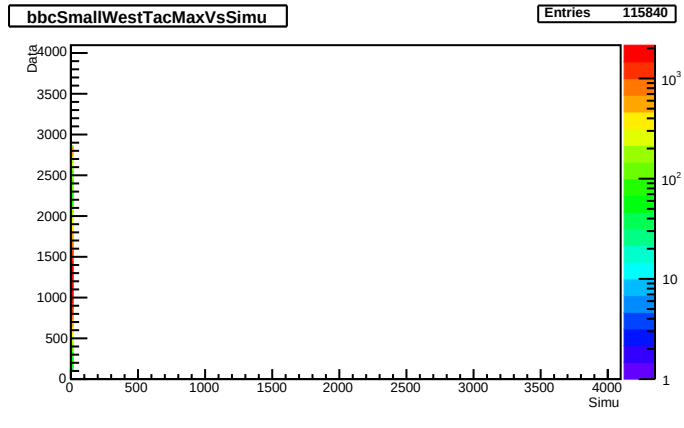

bbcSmallEastTacMax
Entries 135957

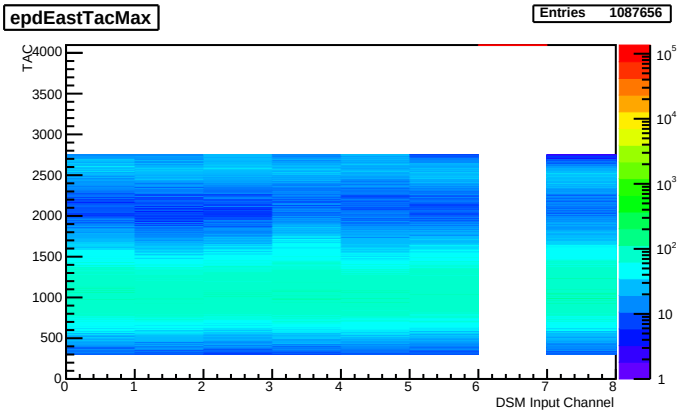

bbcSmallEastTacMaxVsSimu
Entries 106498
Data
Simu

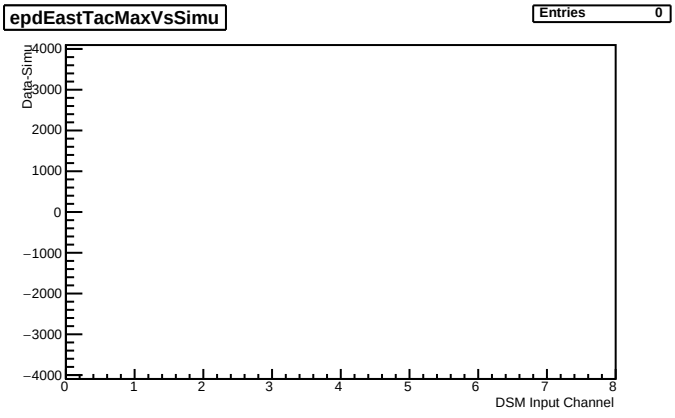

bbcSmallWestAdcSum
Entries 135957

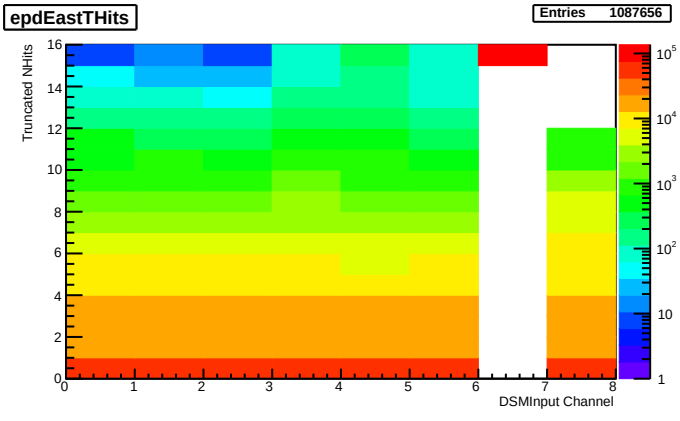

bbcSmallWestAdcSumVsSimu
Entries 115840
Data
Simu

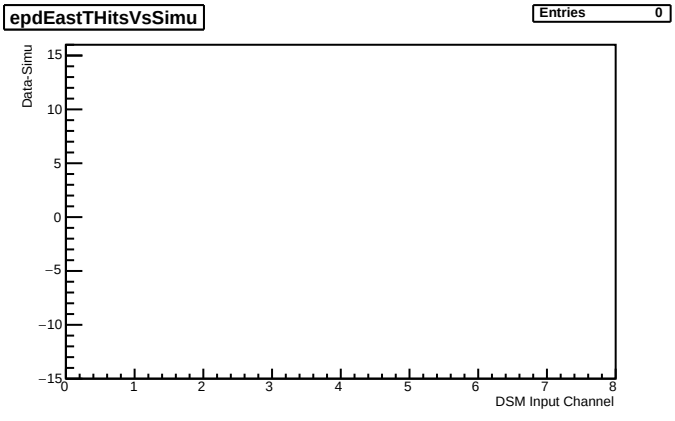

bbcSmallWestTacMax
Entries 135957


bbcSmallWestTacMaxVsSimu
Entries 115840
Data
Simu


epdEastTacMax
Entries 1087656
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1087656
Truncated NHits
DSMInput Channel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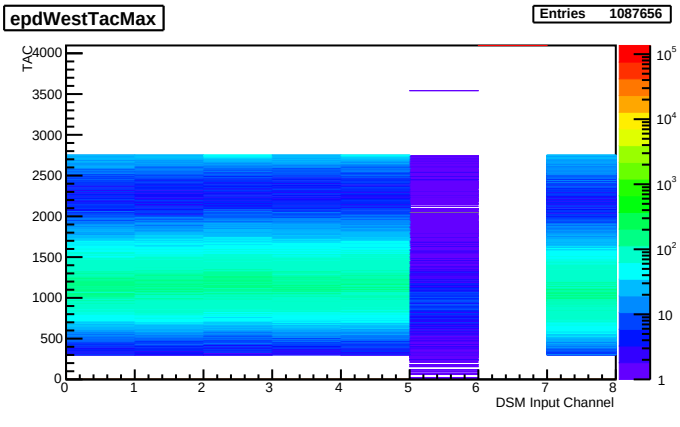
Data-Simu
DSM Input Channel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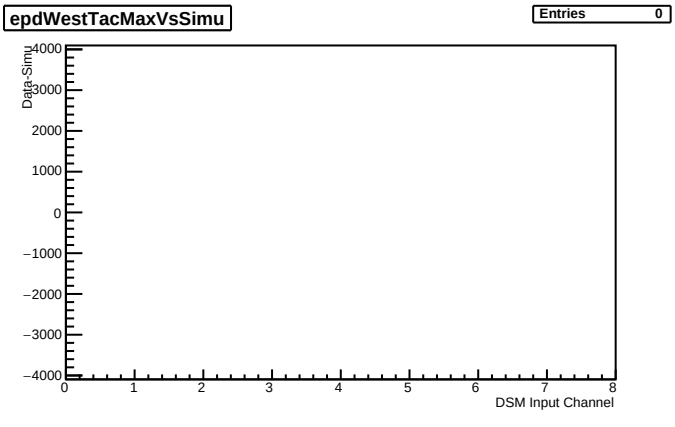
Entries 1087656
TAC
DSM Input Channel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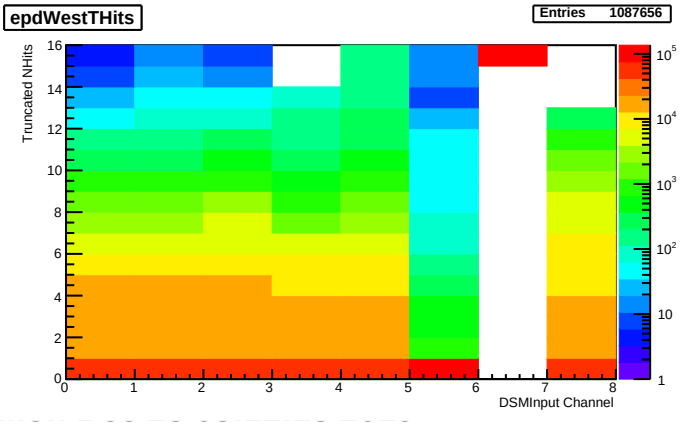
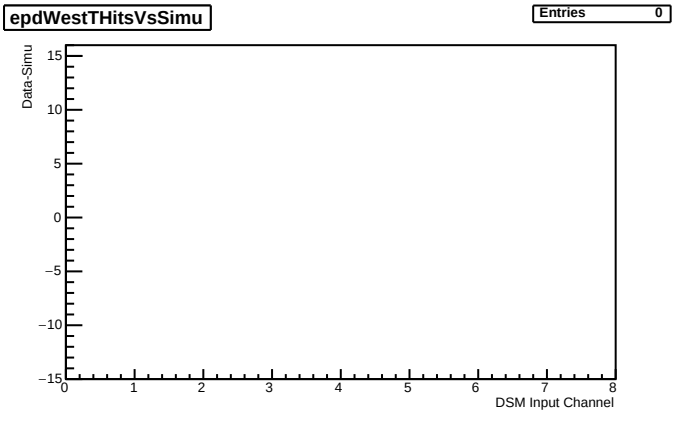
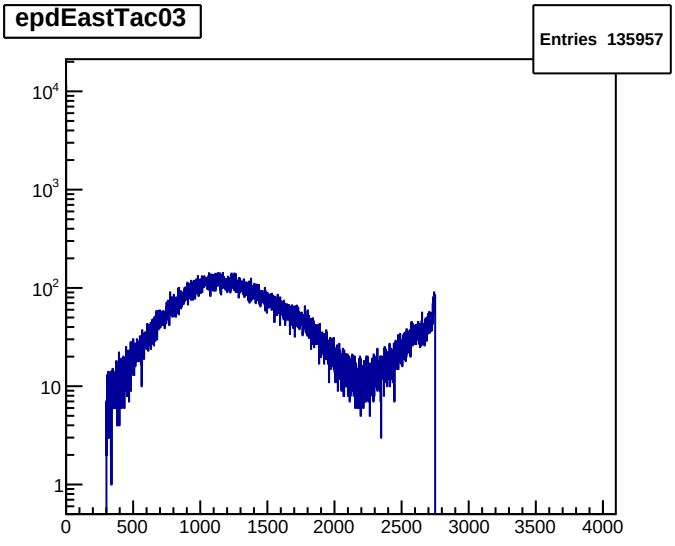
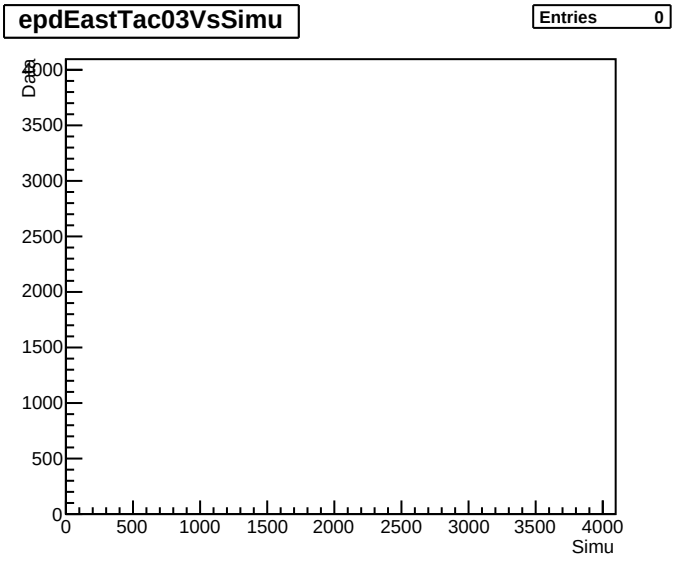
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1087656
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 135957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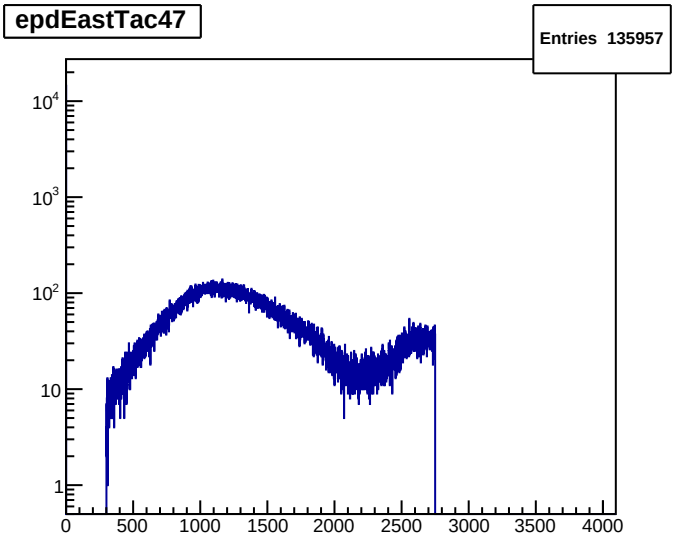
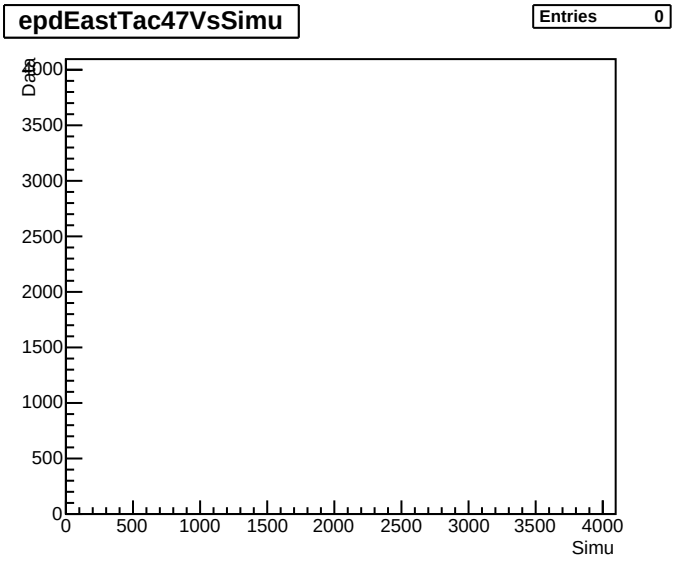
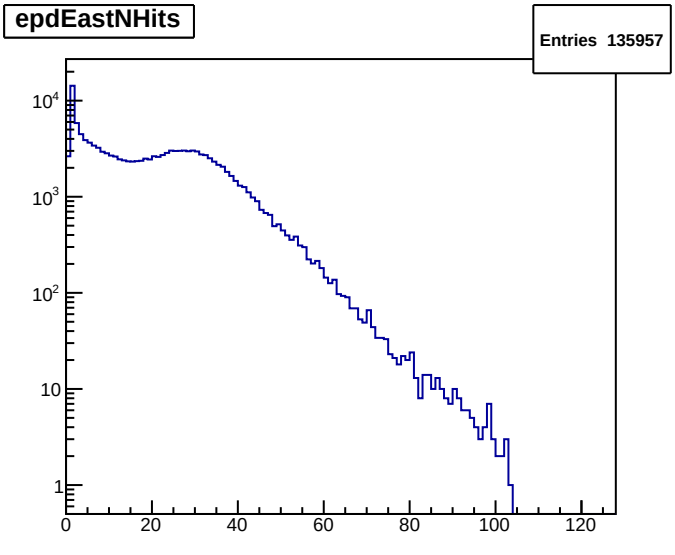
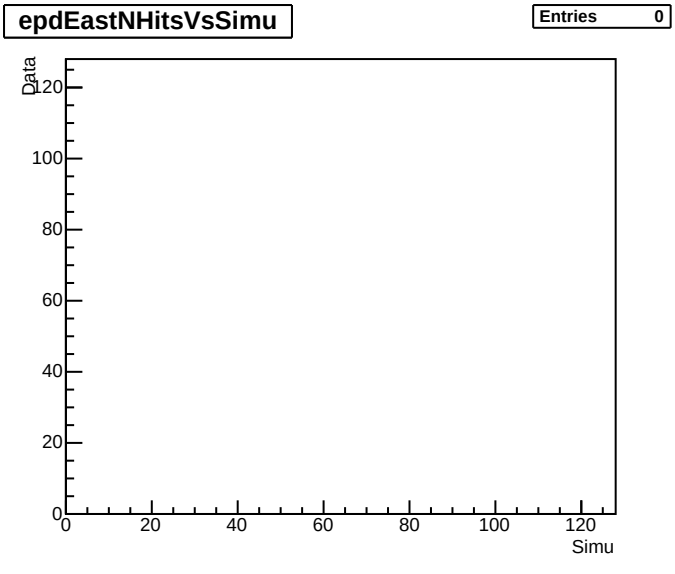
Entries 0
Data
Simu


epdEastTac47
Entries 135957


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 135957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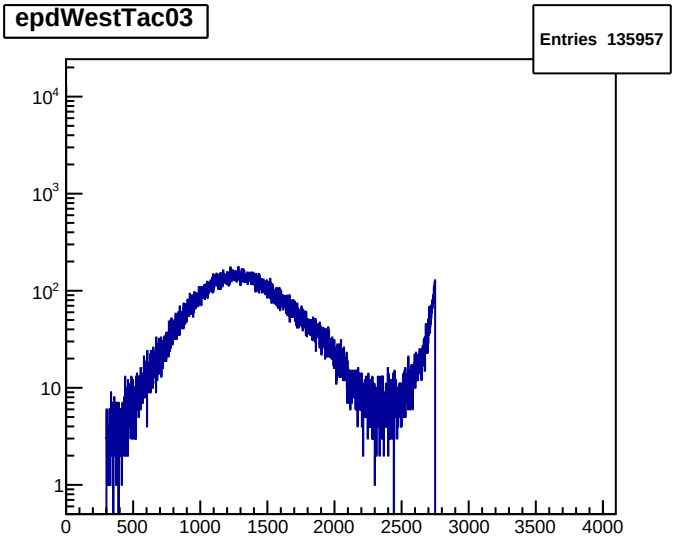
Entries 0
Data
Simu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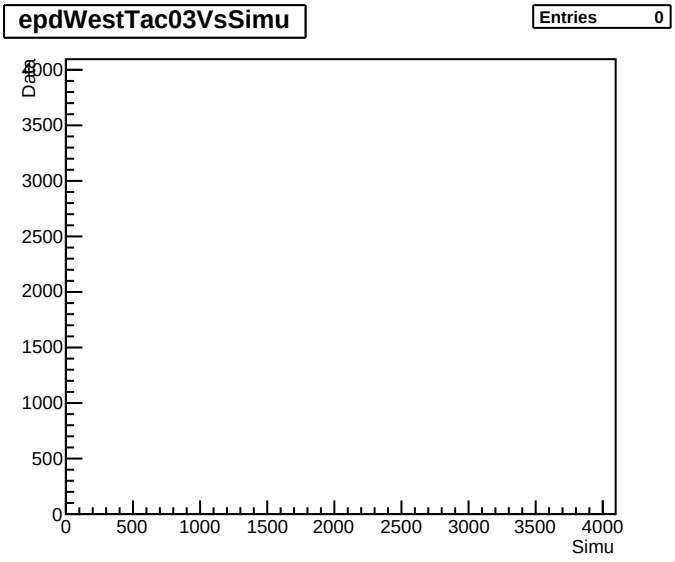
Entries 135957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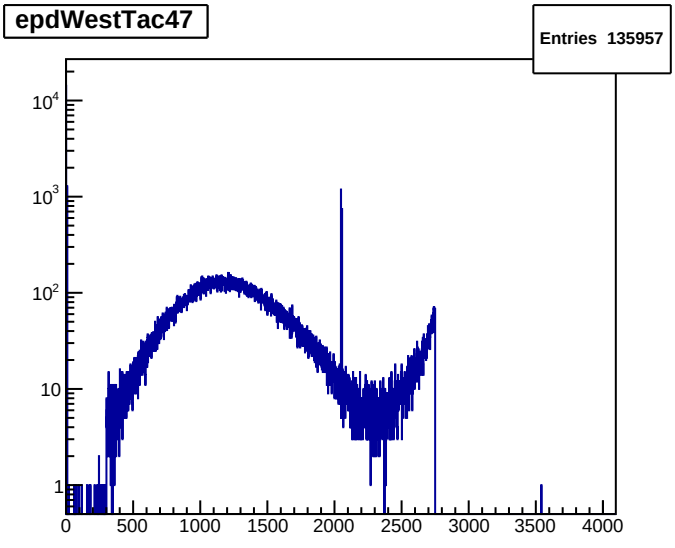
Entries 0
Data
Simu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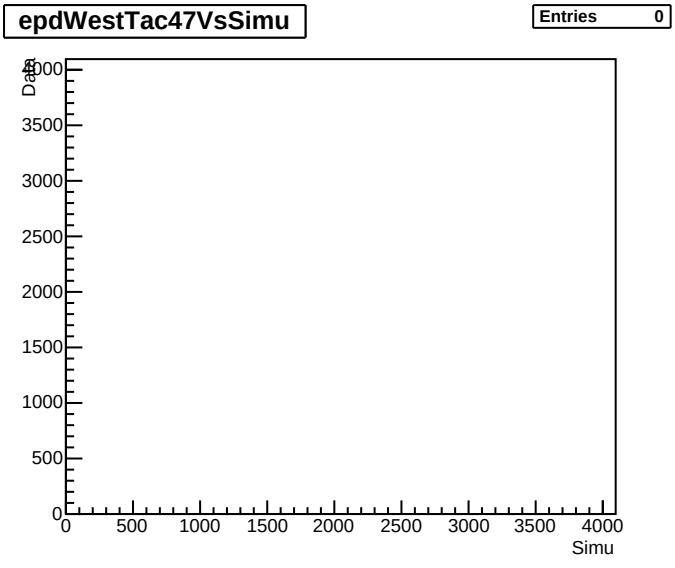
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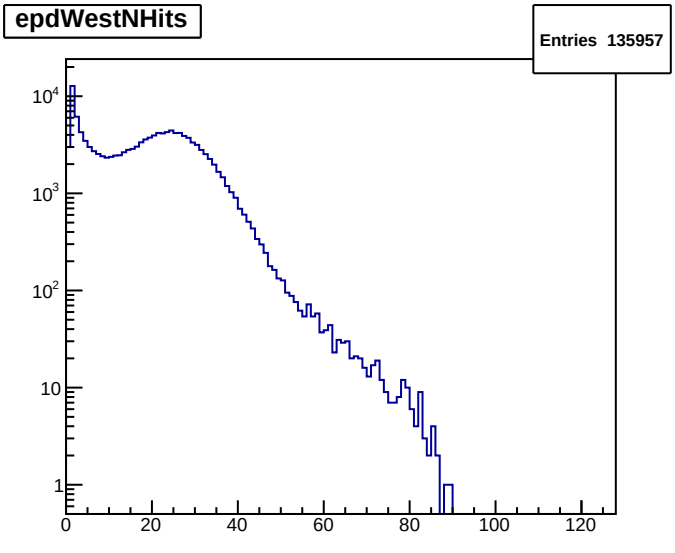
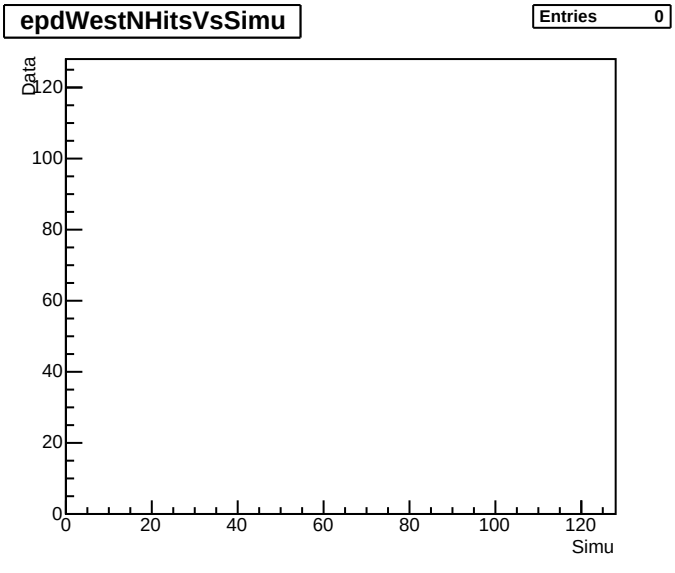
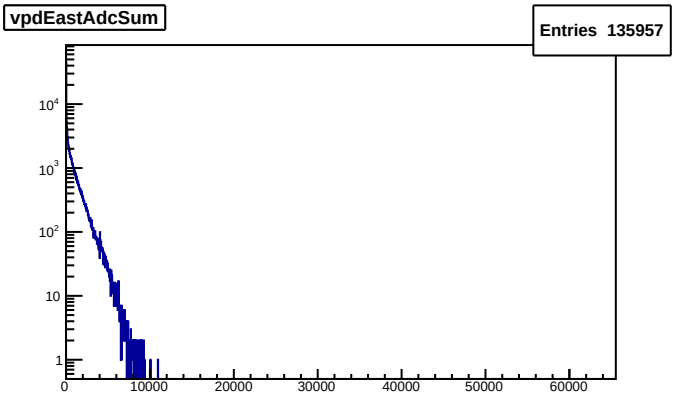
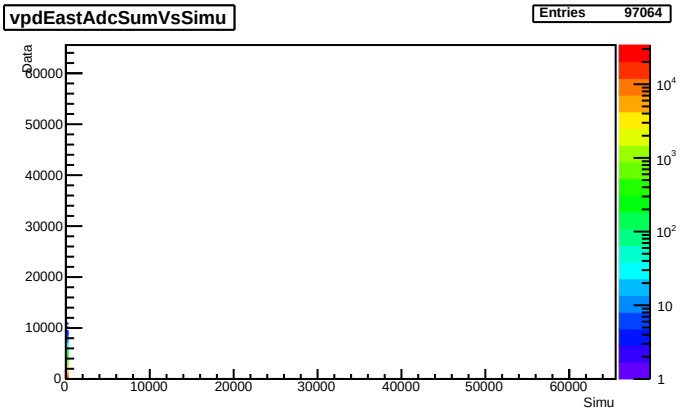
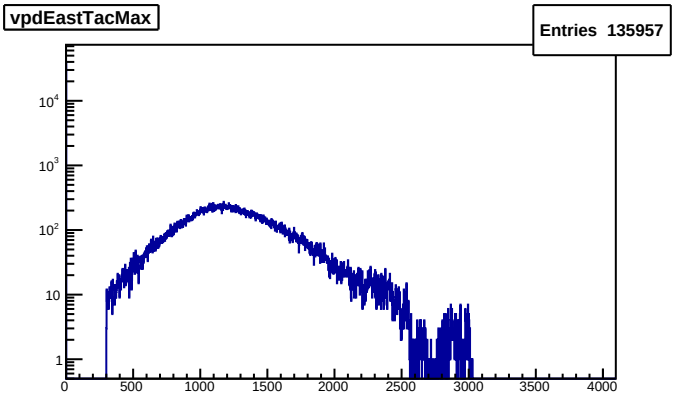
Entries 0
Data
Simu

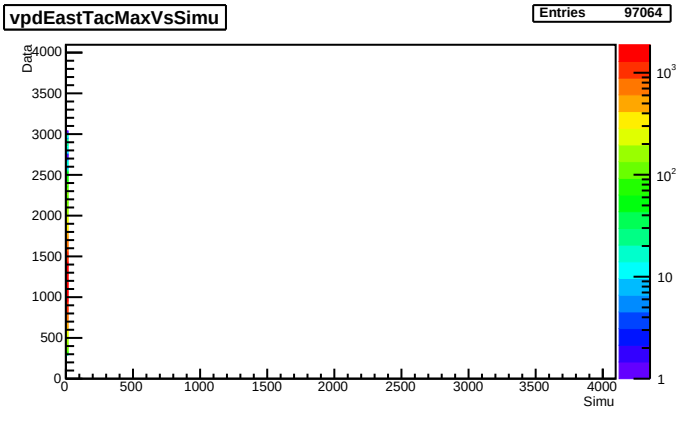

epdWestNHits
Entries 135957

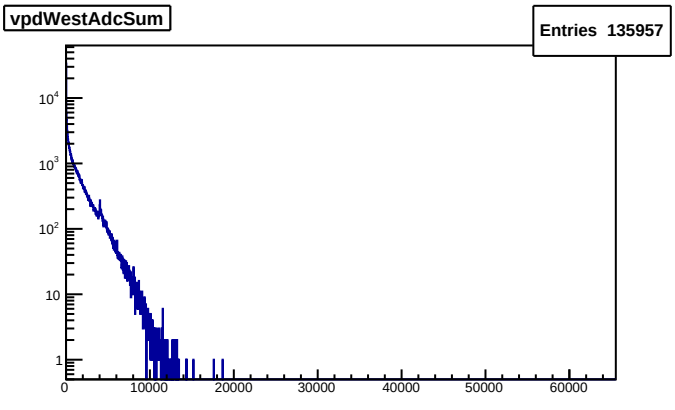

epdWestNHitsVsSimu
Entries 0
Data
Simu

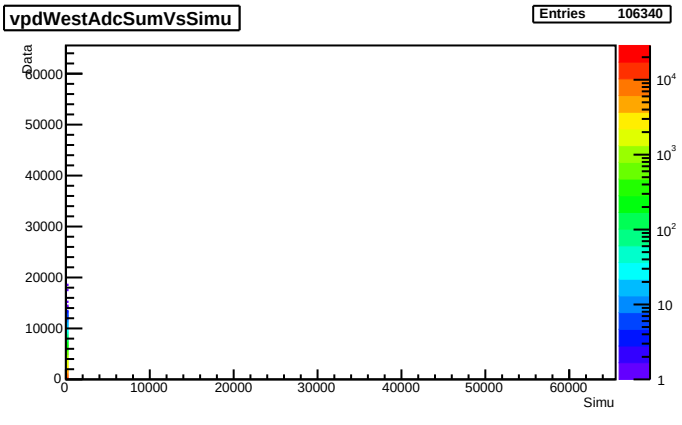

vpdEastAdcSum
Entries 135957

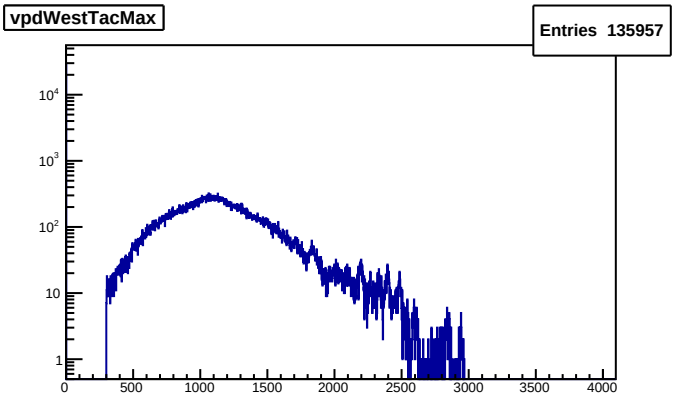

vpdEastAdcSumVsSimu
Entries 97064
Data
Simu

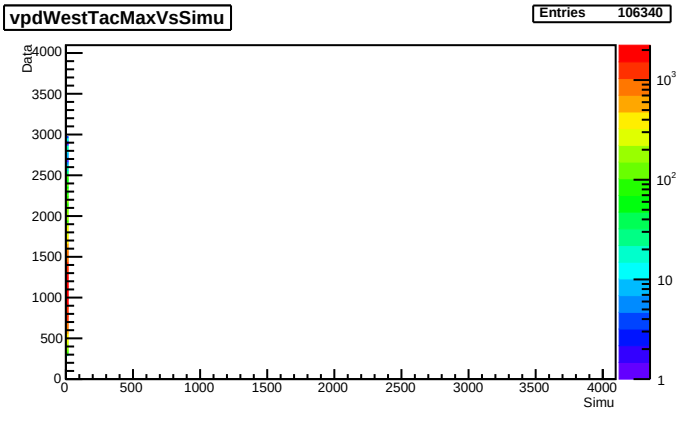

vpdEastTacMax
Entries 135957

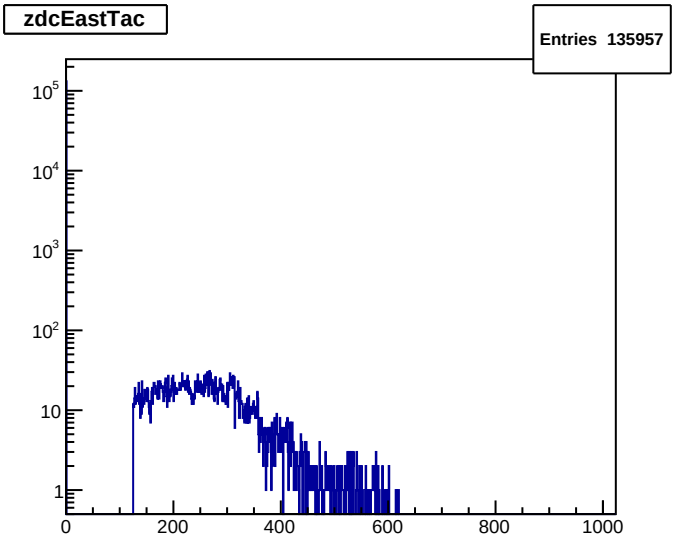

vpdEastTacMaxVsSimu
Entries 97064
Data
Simu

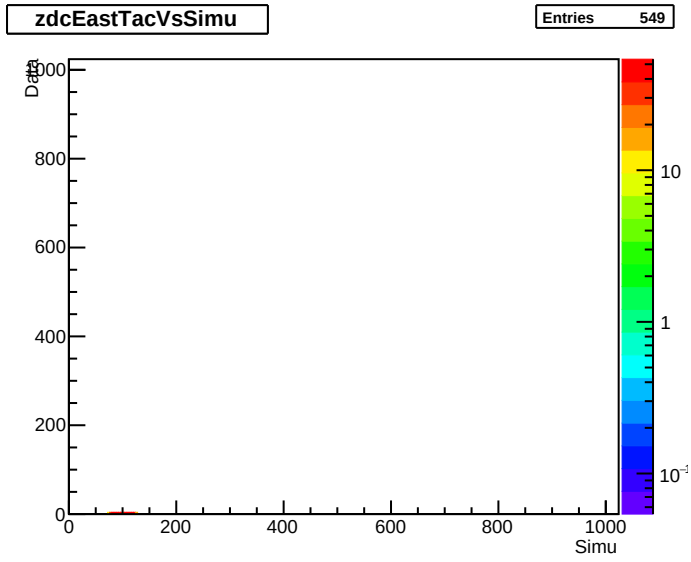

vpdWestAdcSum
Entries 135957

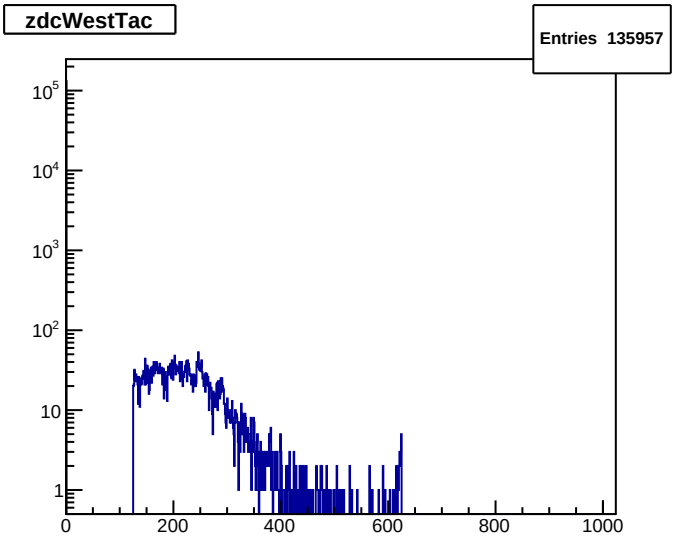

vpdWestAdcSumVsSimu
Entries 106340
Data
Simu

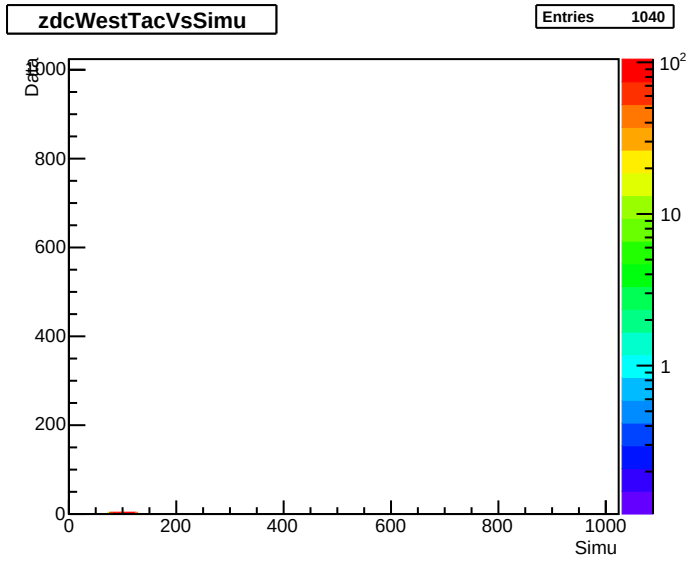

vpdWestTacMax
Entries 135957

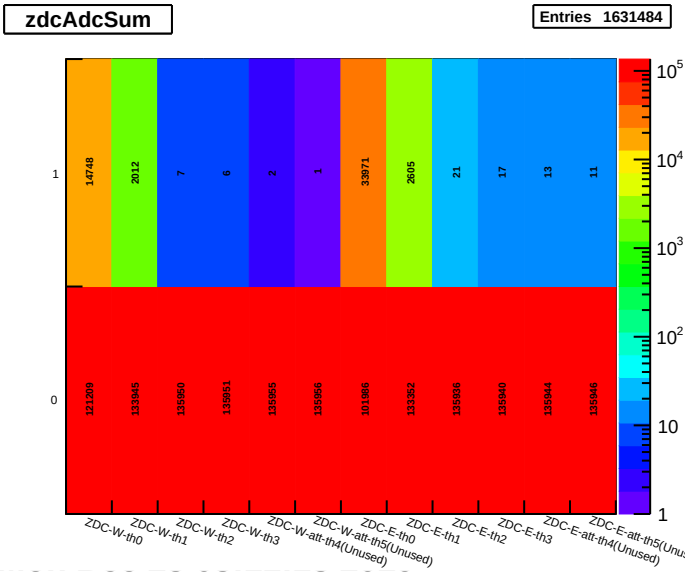

vpdWestTacMaxVsSimu
Entries 106340
Data
Simu

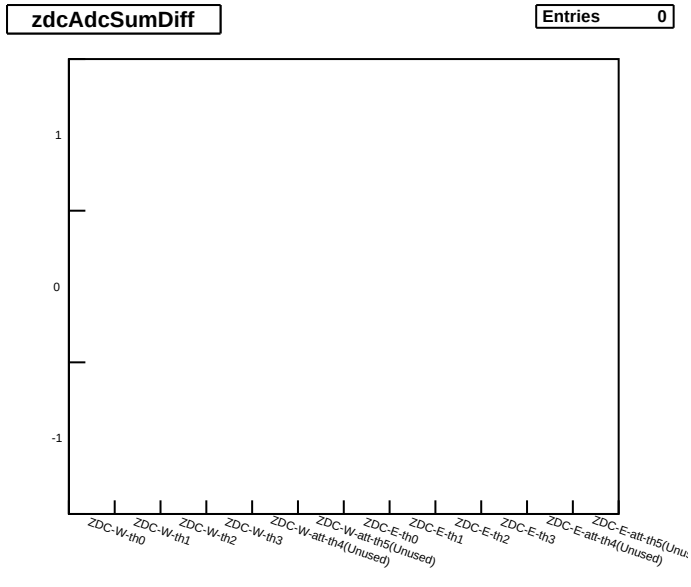

zdcEastTac
Entries 135957

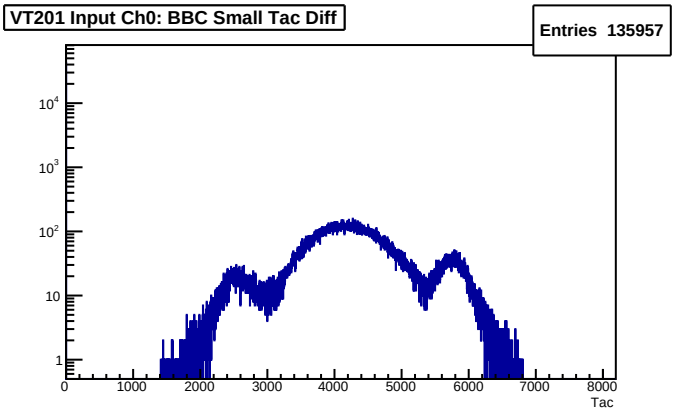

zdcEastTacVsSimu
Entries 549
Data
Simu

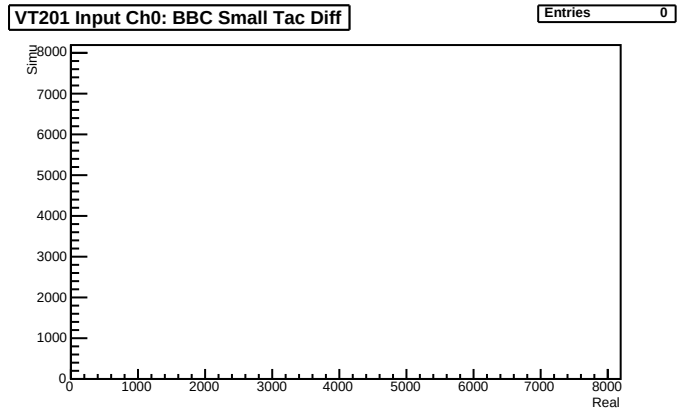

zdcWestTac
Entries 135957

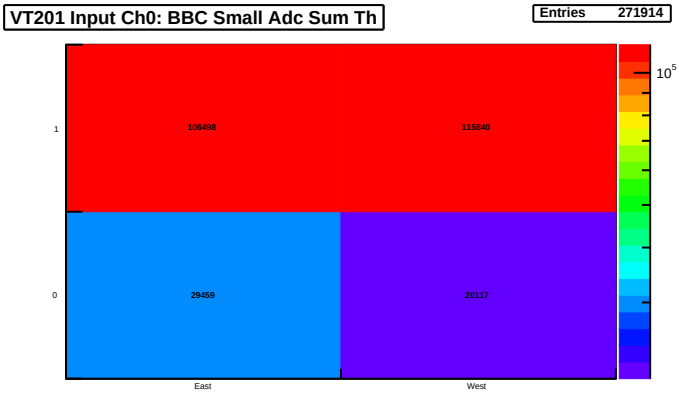

zdcWestTacVsSimu
Entries 1040
Data
Simu

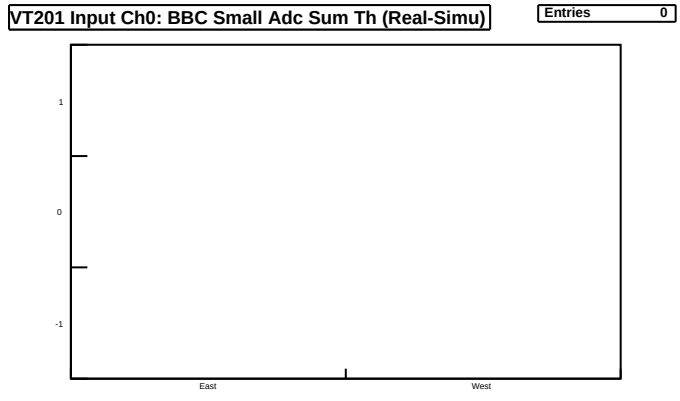

zdcAdcSum
Entries 1631484
14748
2012
7
6
2
1
33971
2605
21
17
13
11
121209
133945
135950
135951
135955
135956
101986
133352
135936
135940
135944
135946
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

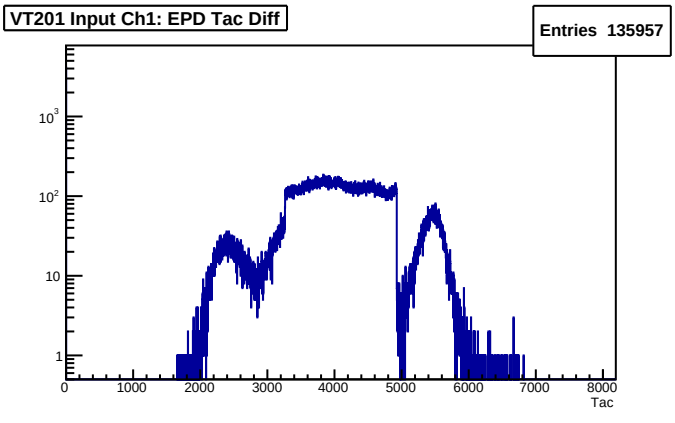

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

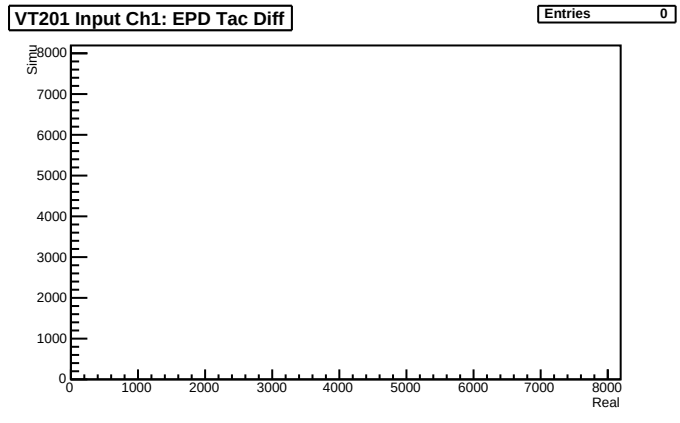

VT201 Input Ch0: BBC Small Tac Diff
Entries 135957
Tac

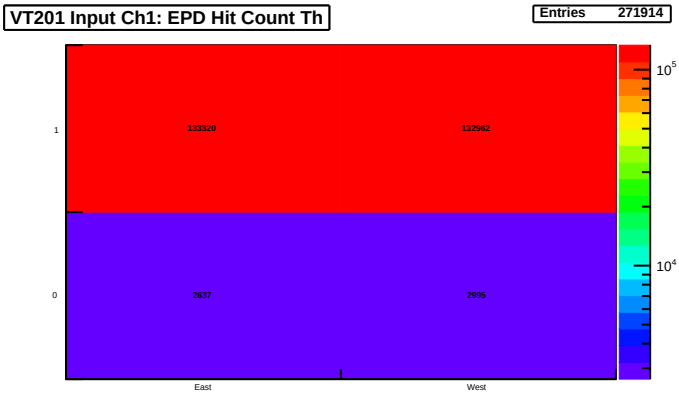

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

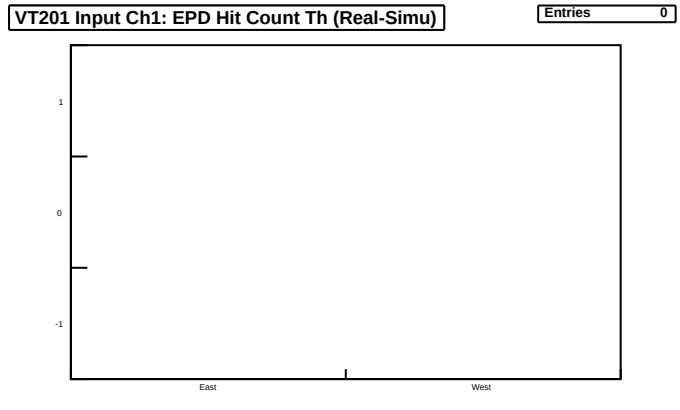

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 271914
106498
115840
29459
20117
East
West

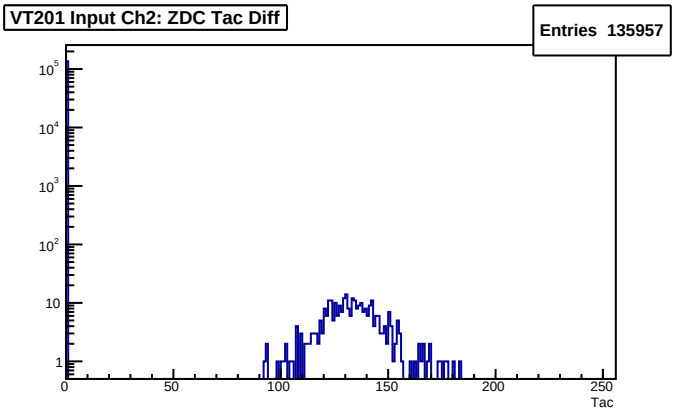

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

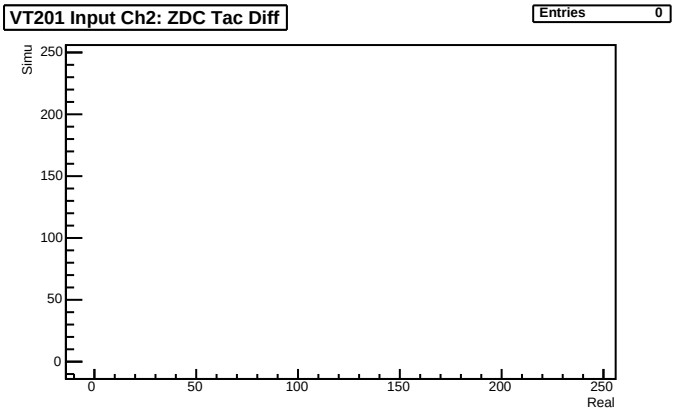

VT201 Input Ch1: EPD Tac Diff
Entries 135957
Tac

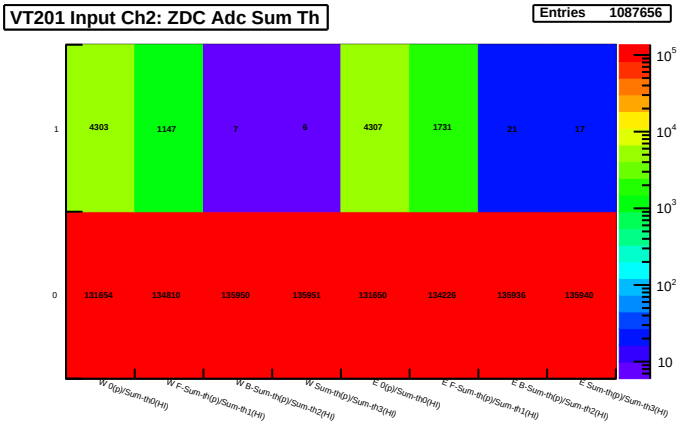

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

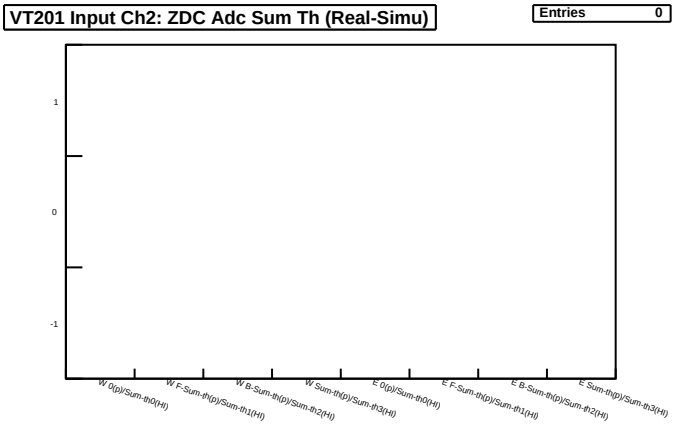

VT201 Input Ch1: EPD Hit Count Th
Entries 271914
133320
132962
2637
2995
East
West

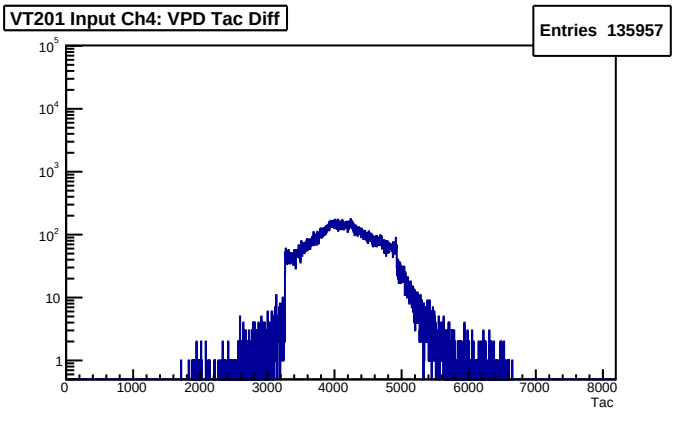

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

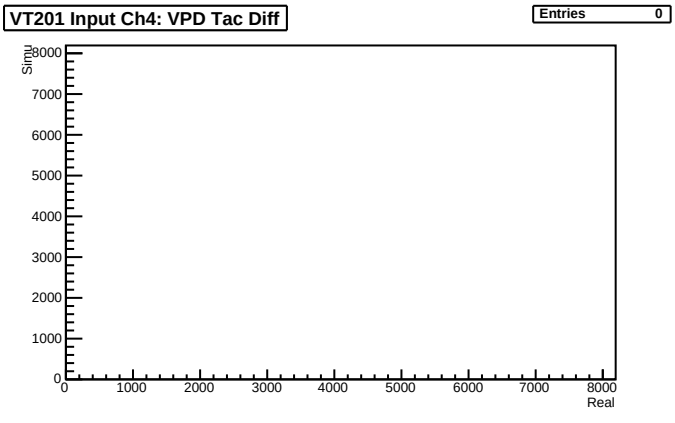

VT201 Input Ch2: ZDC Tac Diff
Entries 135957
Tac

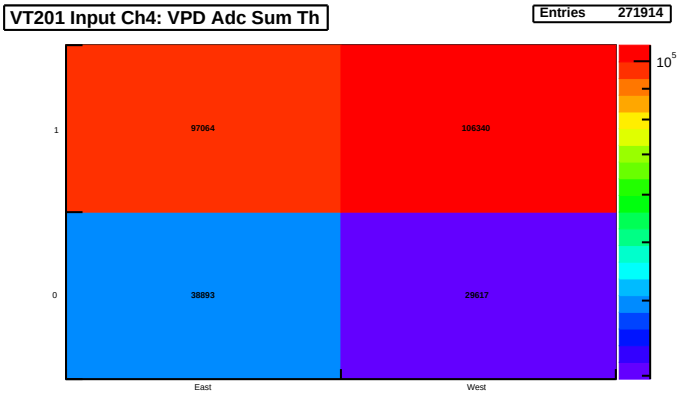

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

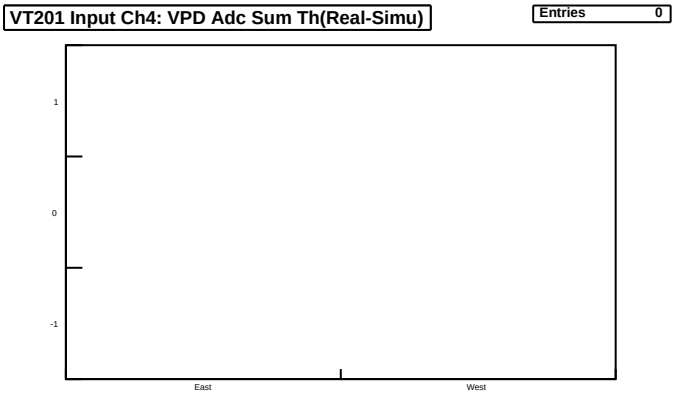

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1087656
4303
1147
7
6
4307
1731
21
17
131654
134810
135950
135951
131650
134226
135936
135940
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

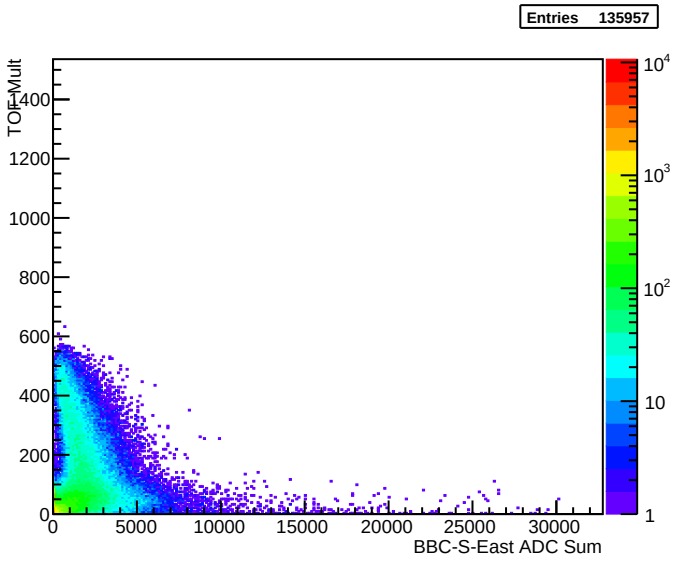

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

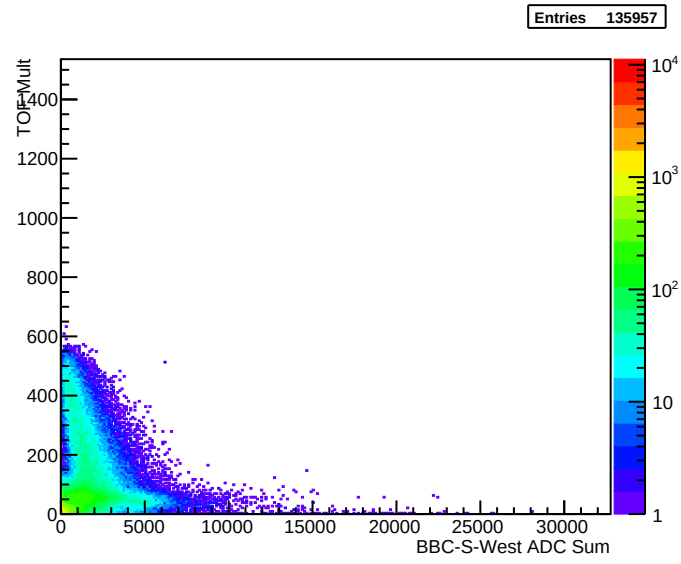

VT201 Input Ch4: VPD Tac Diff
Entries 135957
Tac

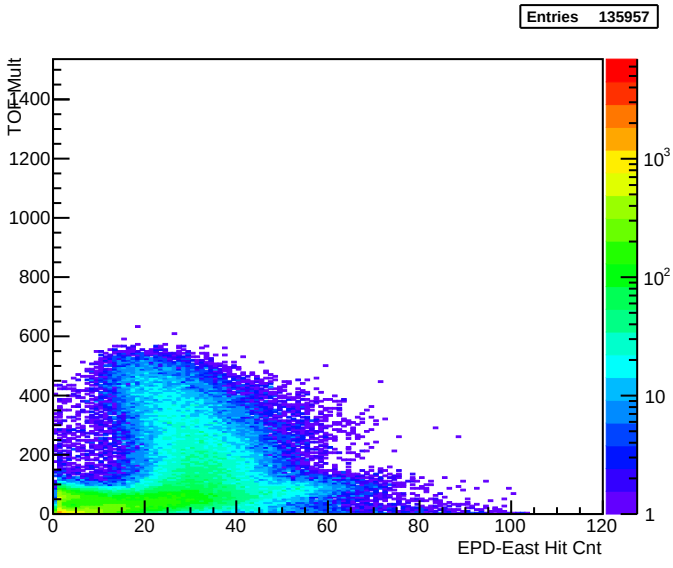

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

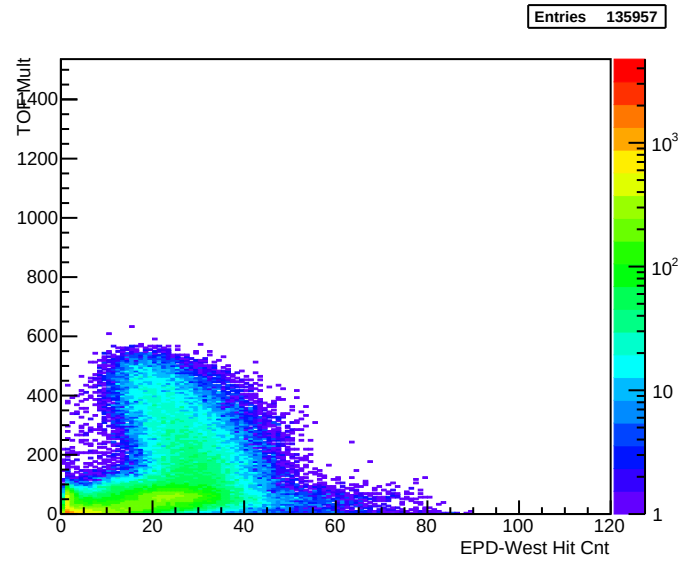

VT201 Input Ch4: VPD Adc Sum Th
Entries 271914
97064
106340
38893
29617
East
West

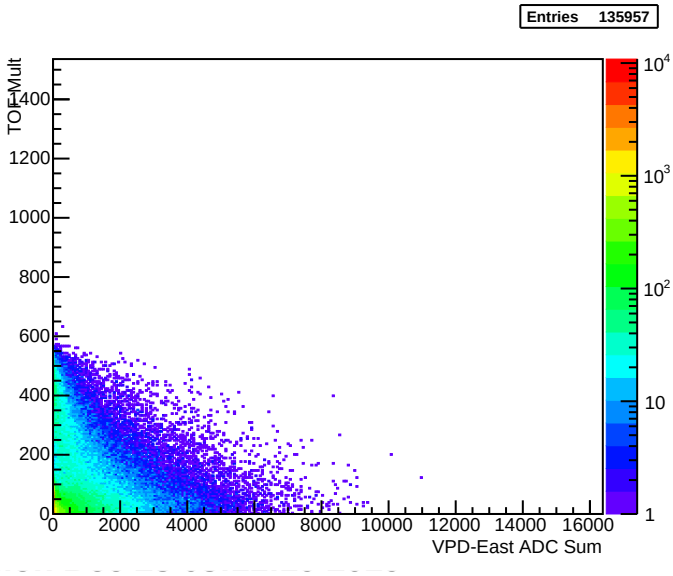

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

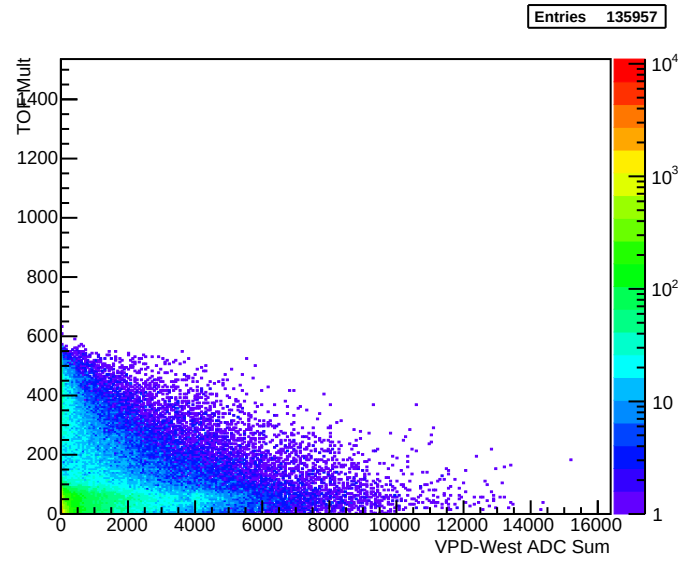

Entries 135957
TOF-Mult
BBC-S-East ADC Sum

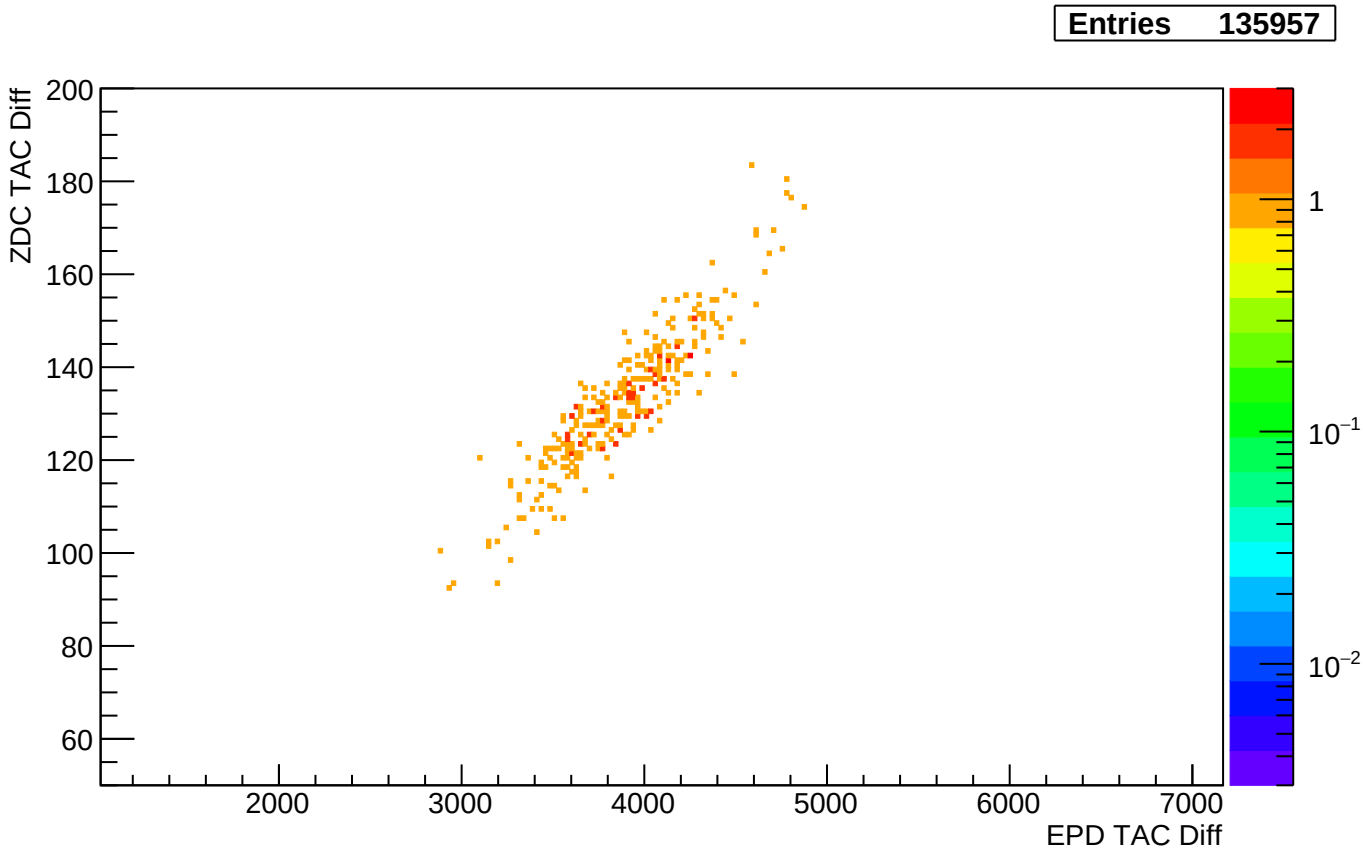

Entries 135957
TOF-Mult
BBC-S-West ADC Sum

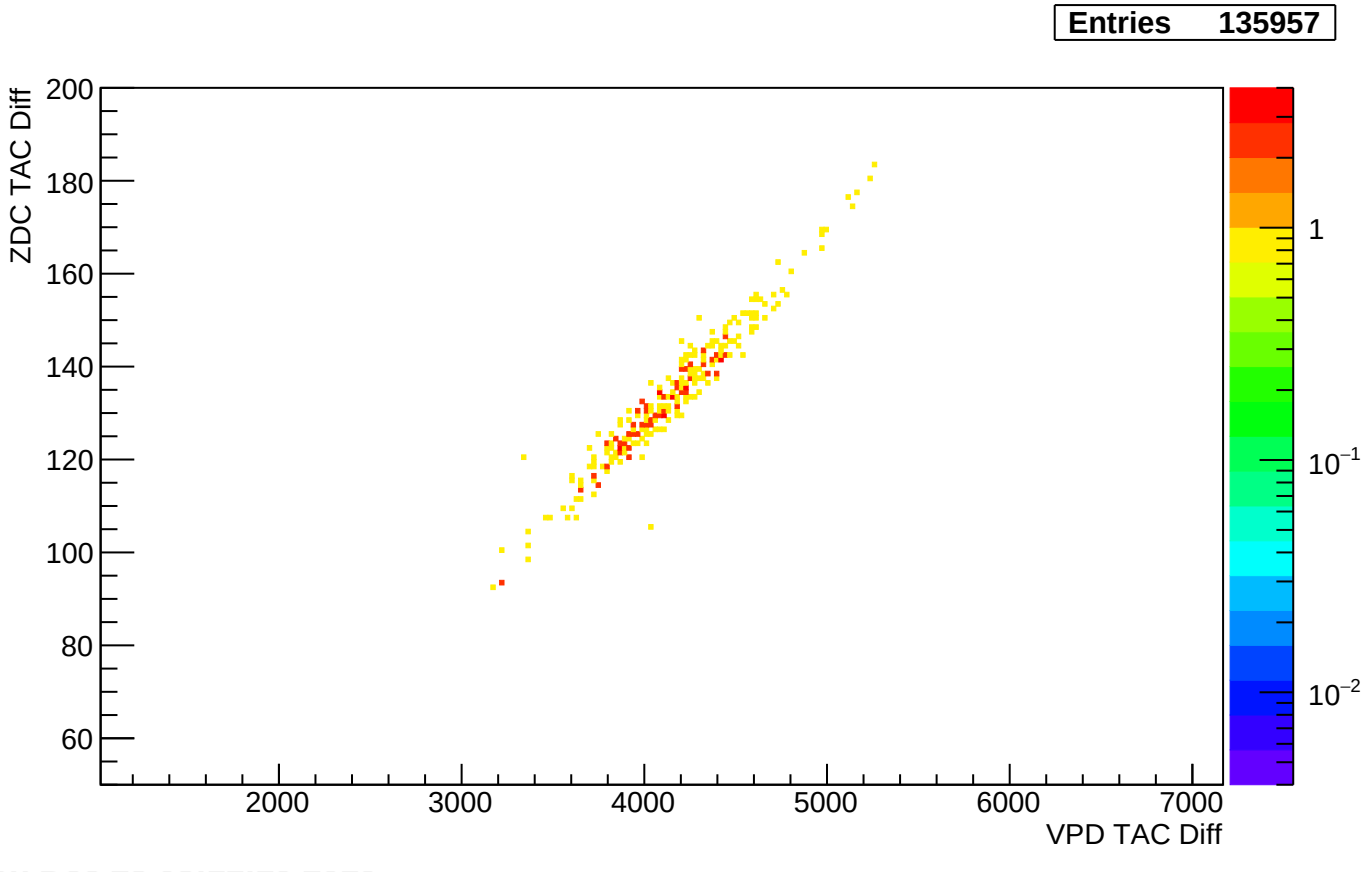

Entries 135957
TOF-Mult
EPD-East Hit Cnt

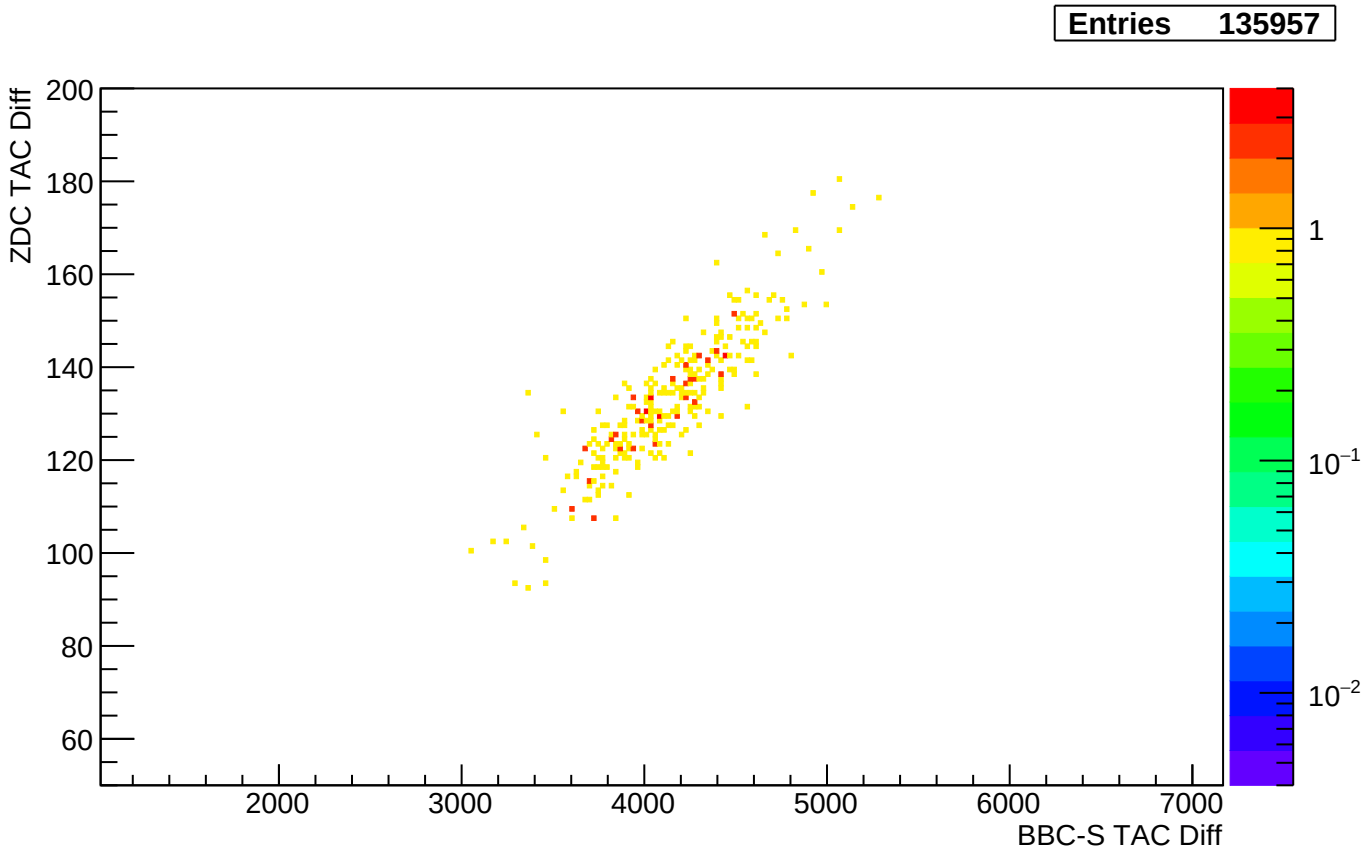

Entries 135957
TOF-Mult
EPD-West Hit Cnt

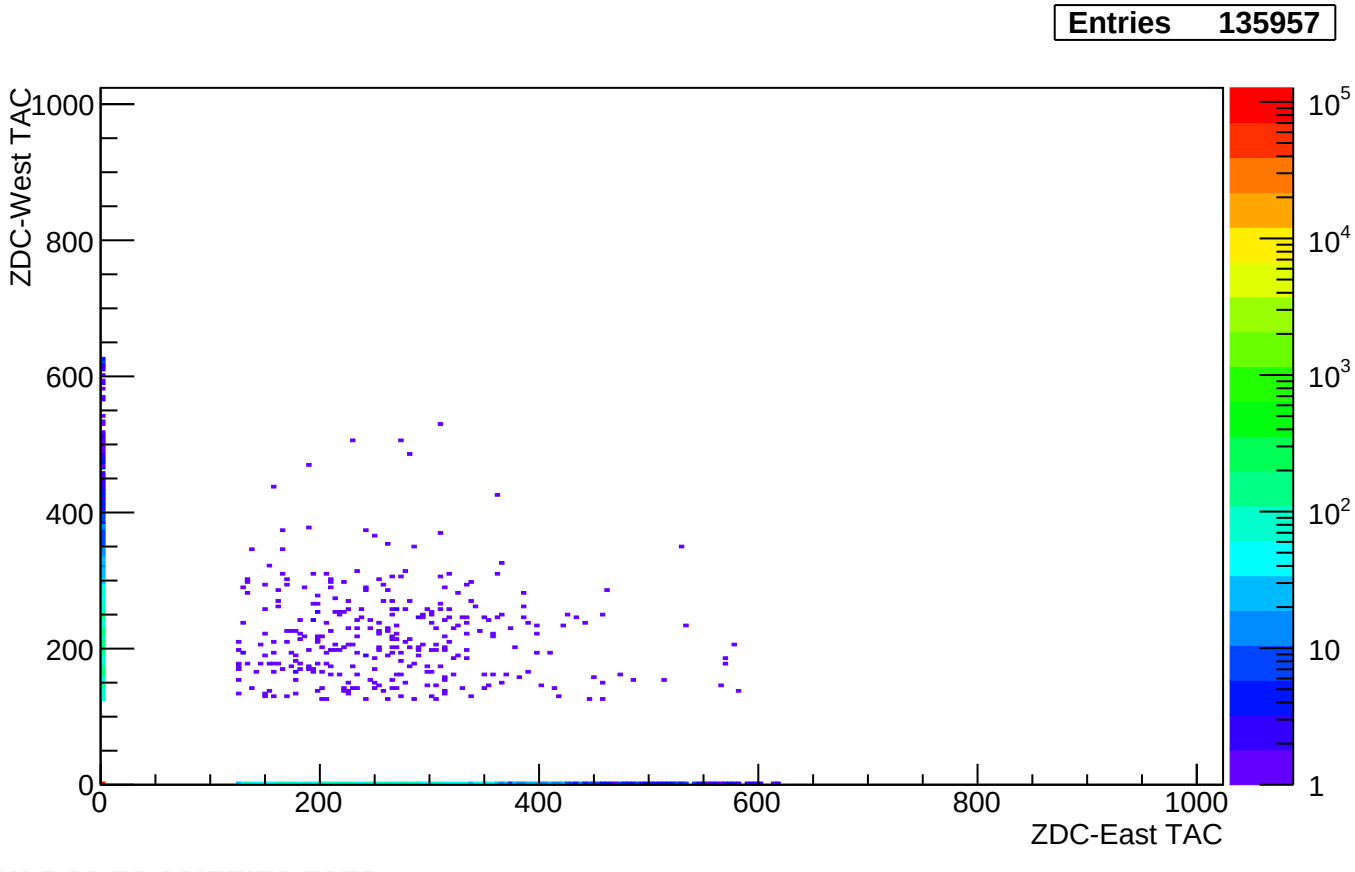

Entries 135957
TOF-Mult
VPD-East ADC Sum

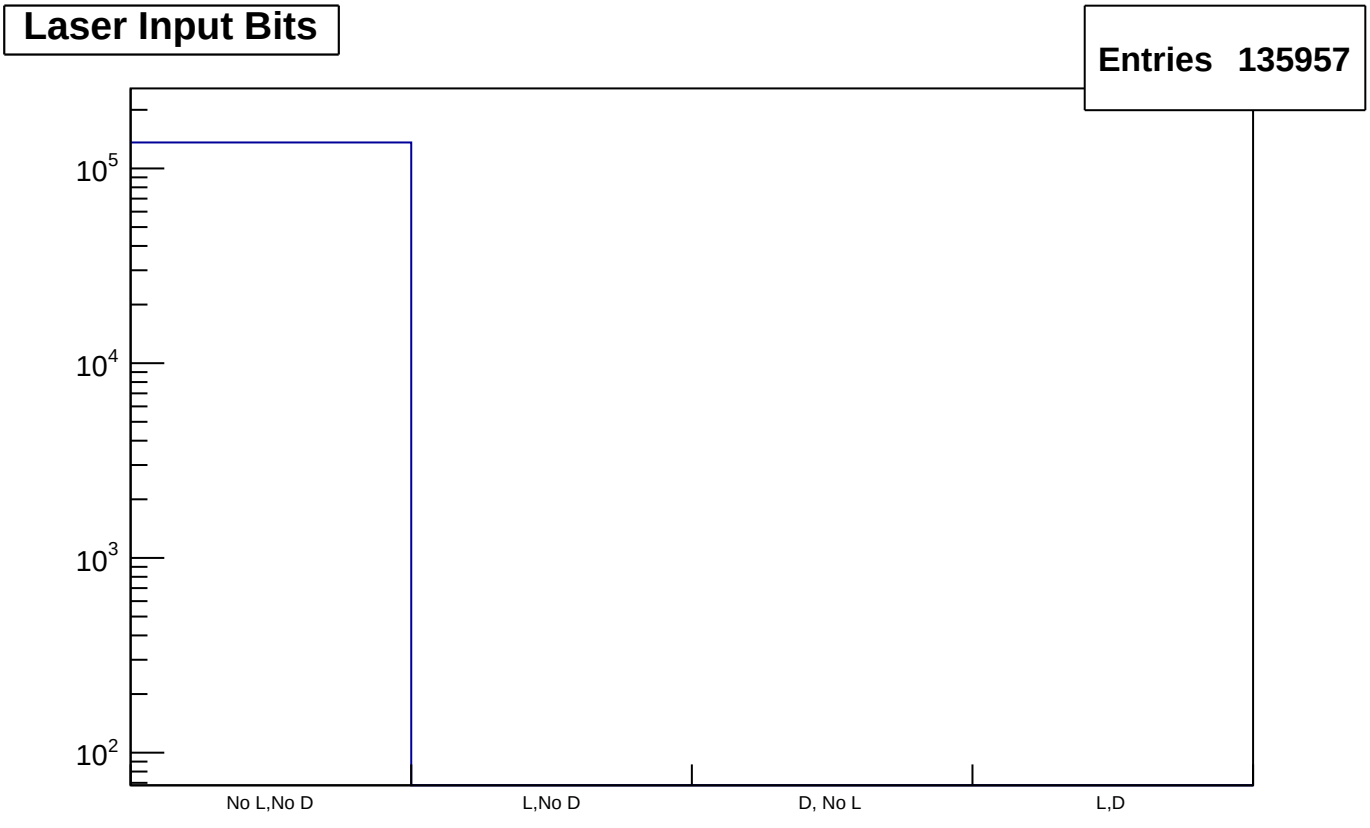

Entries 135957
TOF-Mult
VPD-West ADC Sum

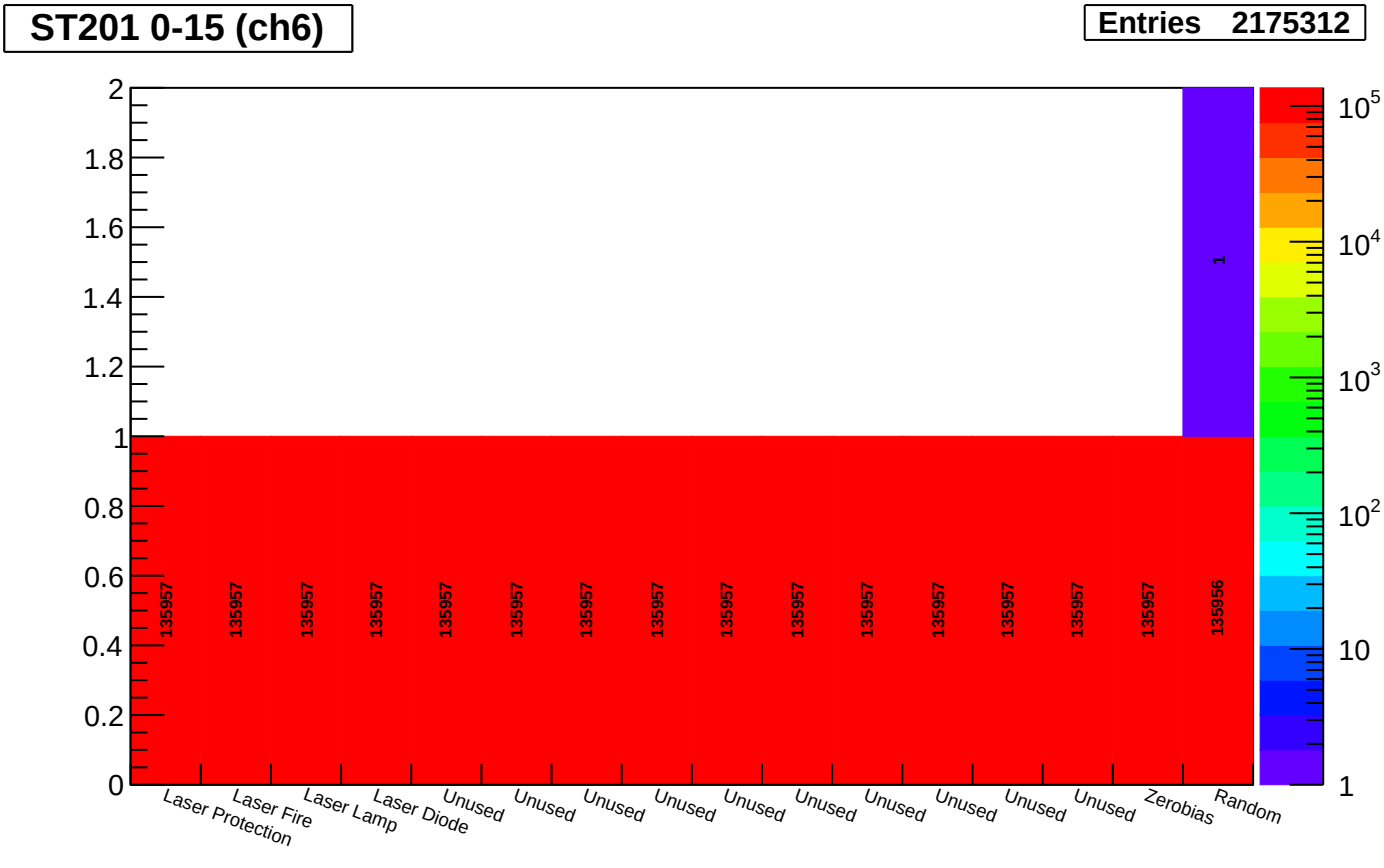

Entries 135957
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

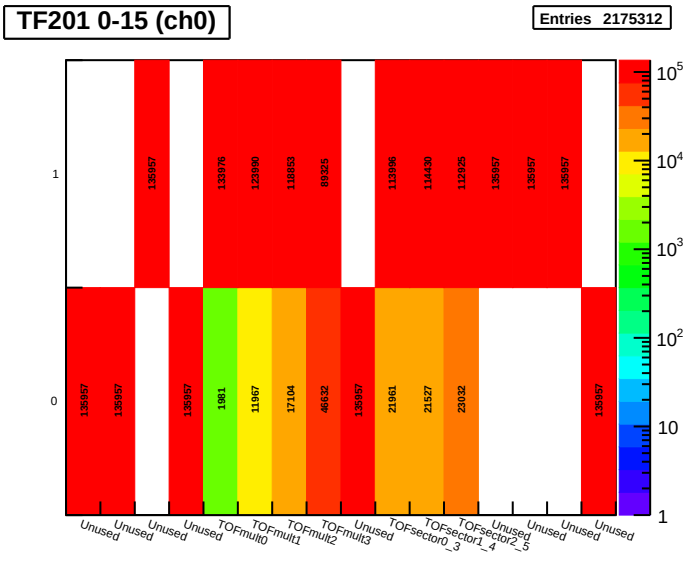

Entries 135957
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

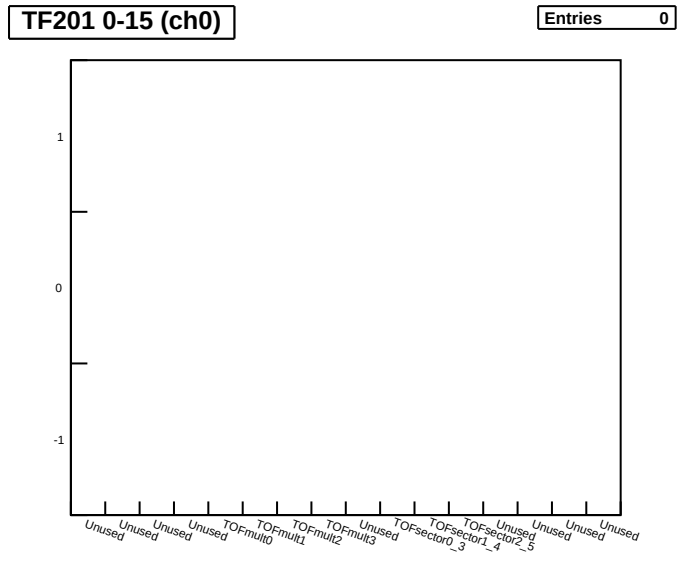

Entries 135957
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

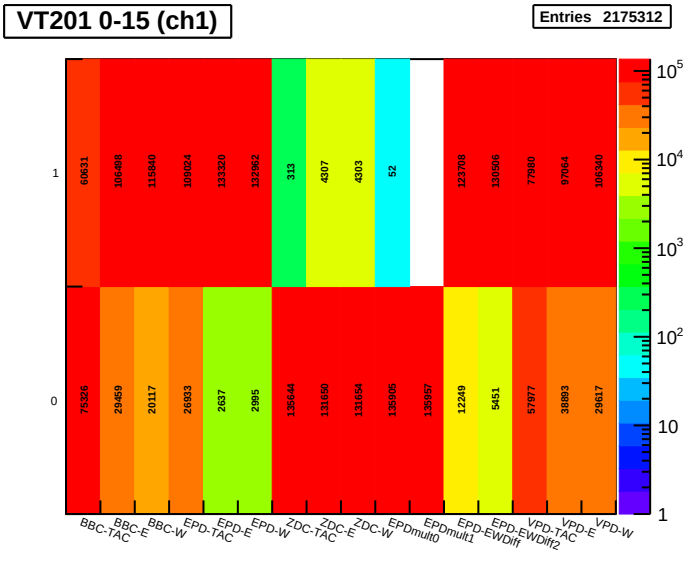

Entries 135957
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

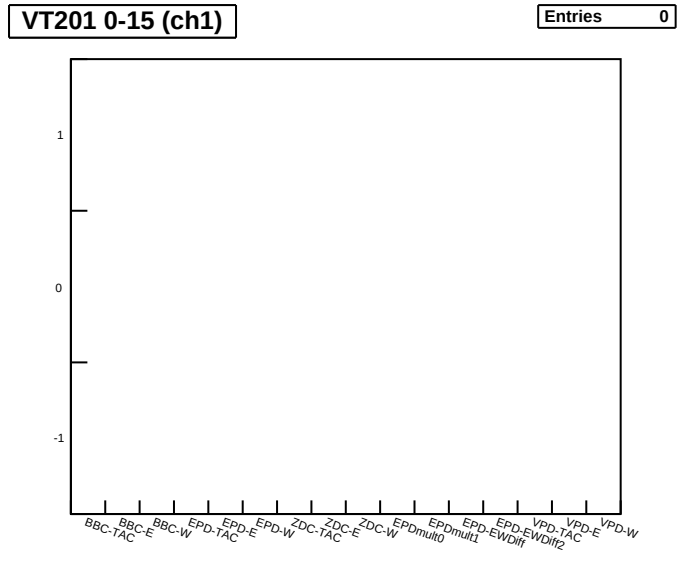

Laser Input Bits
Entries 135957
$10^5$
$10^4$
$10^3$
$10^2$
No L,No D
L,No D
D, No L
L,D

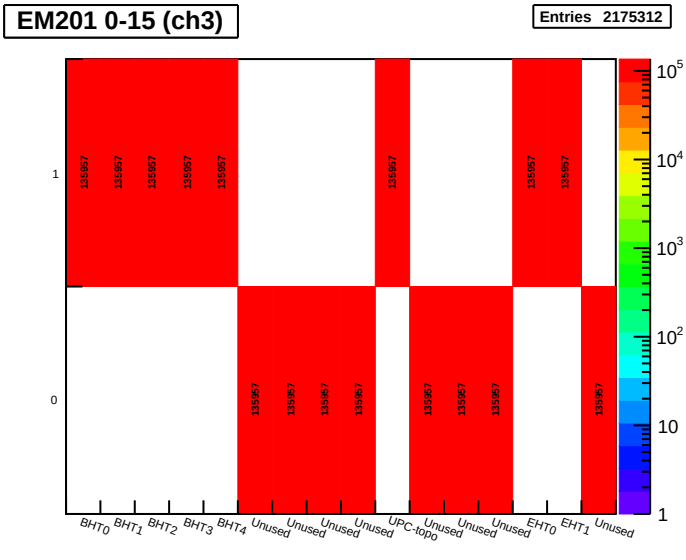

ST201 0-15 (ch6)
Entries 2175312
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
135957
135956
1
$10^5$
$10^4$
$10^3$
$10^2$
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

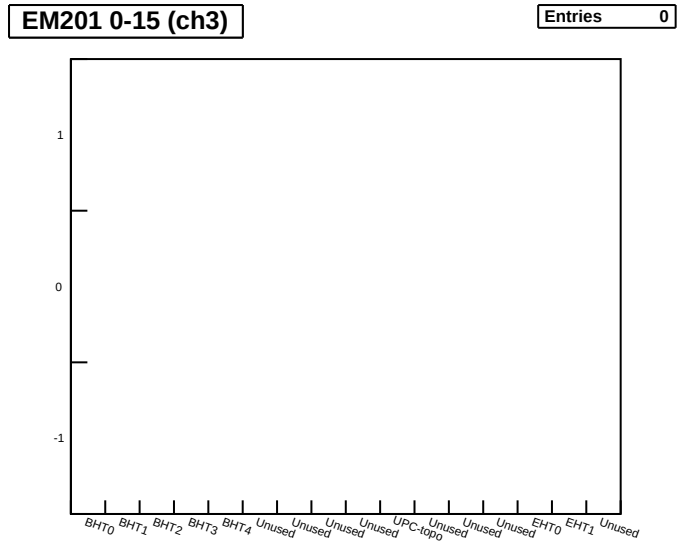

TF201 0-15 (ch0)
Entries 2175312
1
0
135957 133976 122990 118853 89325 113996 114430 112925 135957 135957 135957
135957 135957 135957 1981 11967 17104 46632 135957 21961 21527 23032 135957
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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


VT201 0-15 (ch1)
Entries 2175312
1
0
60631 106488 115840 109024 133320 132962 313 4307 4303 52 123708 130506 77960 97064 106340
75326 29459 20117 26933 2637 2995 135644 131650 131654 135905 135957 12249 5451 57977 38893 29617
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 2175312
1
0
135957 135957 135957 135957 135957 135957 135957 135957 135957
135957 135957 135957 135957 135957 135957 135957 135957
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