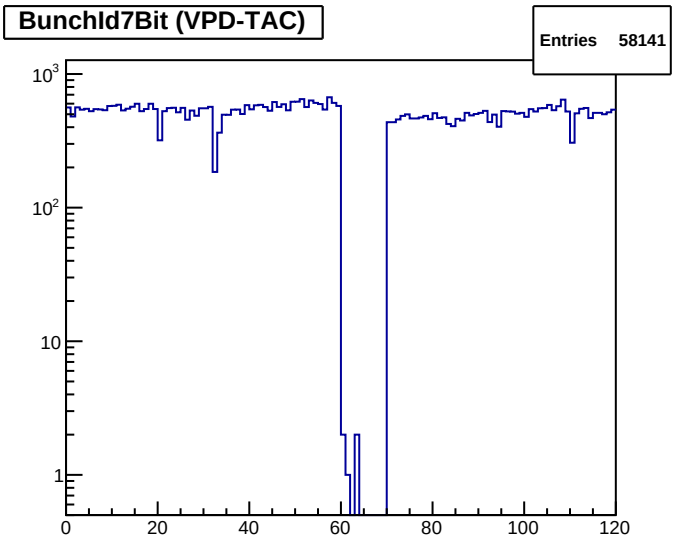
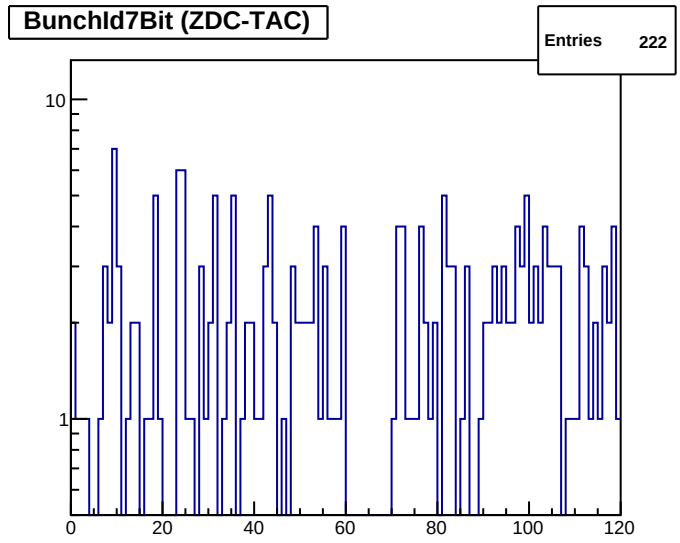
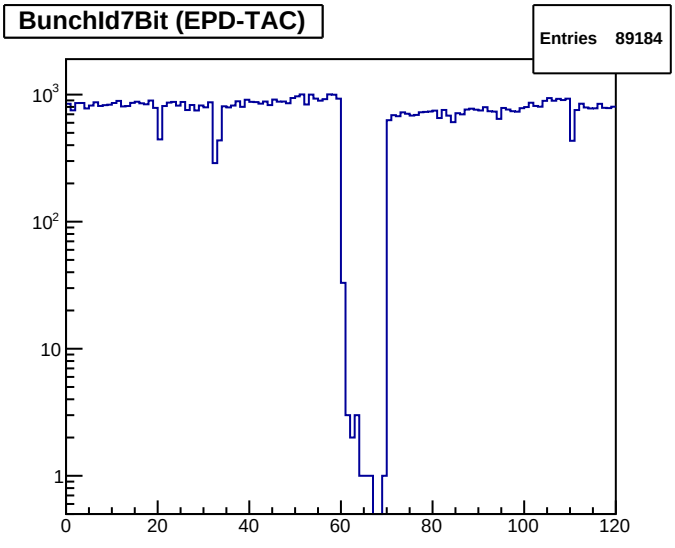
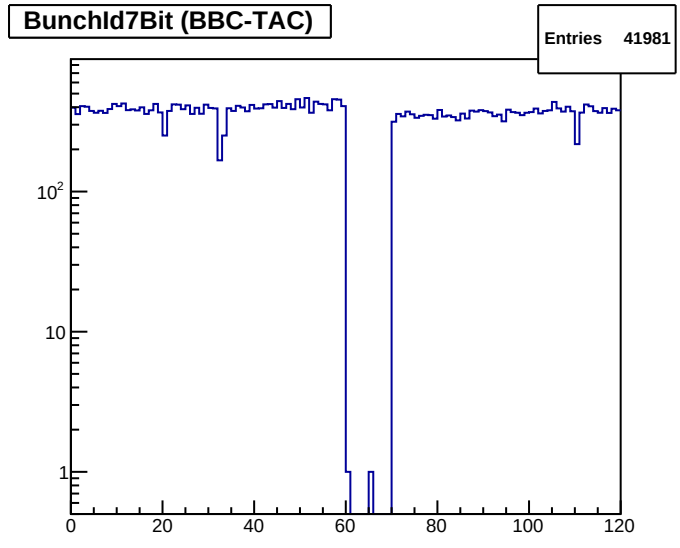
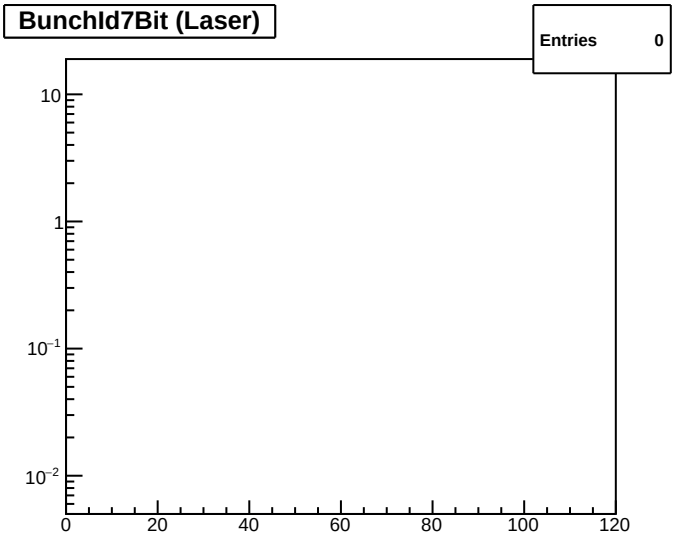
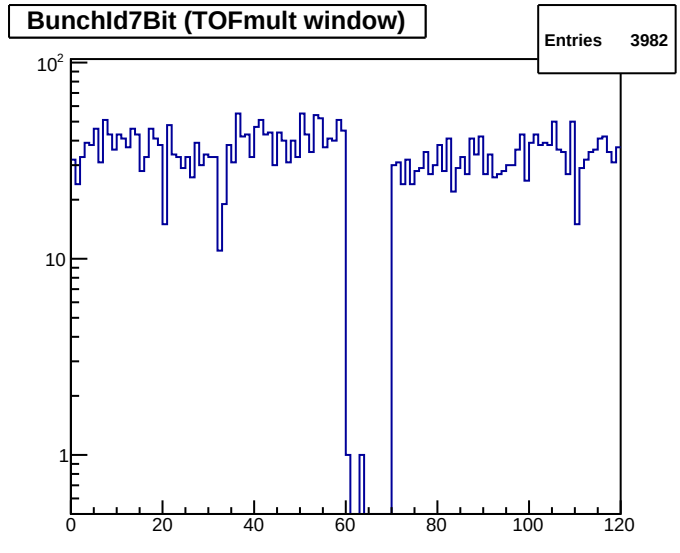

BunchId7Bit (VPD-TAC)
Entries 58141

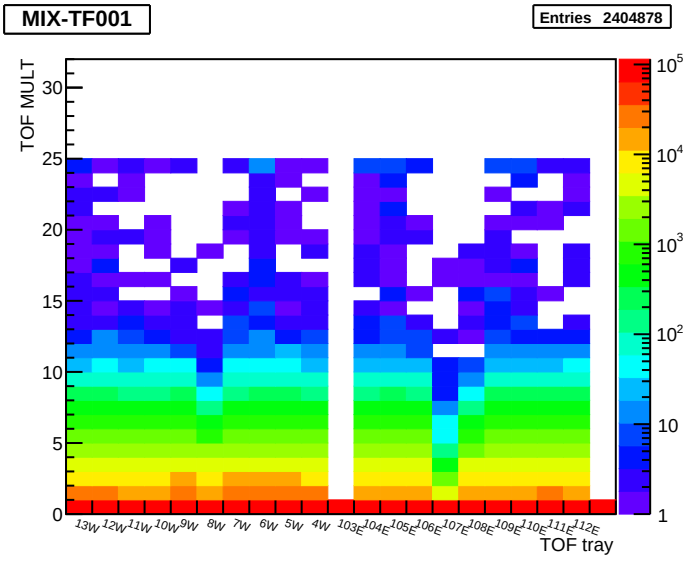

BunchId7Bit (ZDC-TAC)
Entries 222

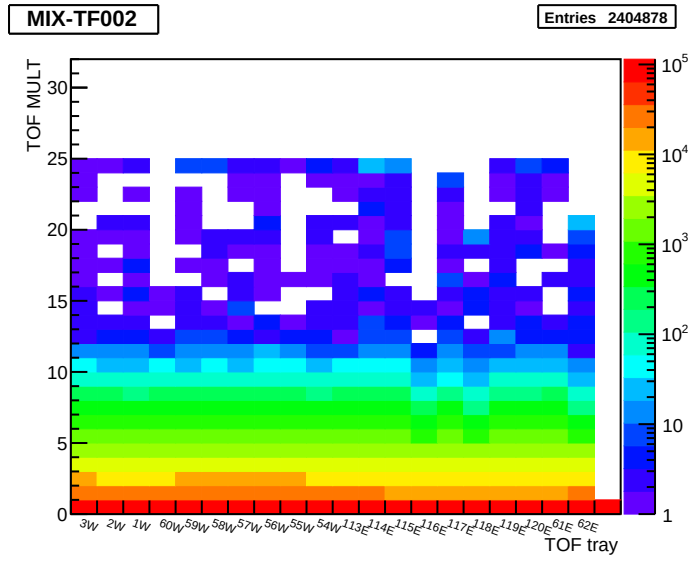

BunchId7Bit (EPD-TAC)
Entries 89184

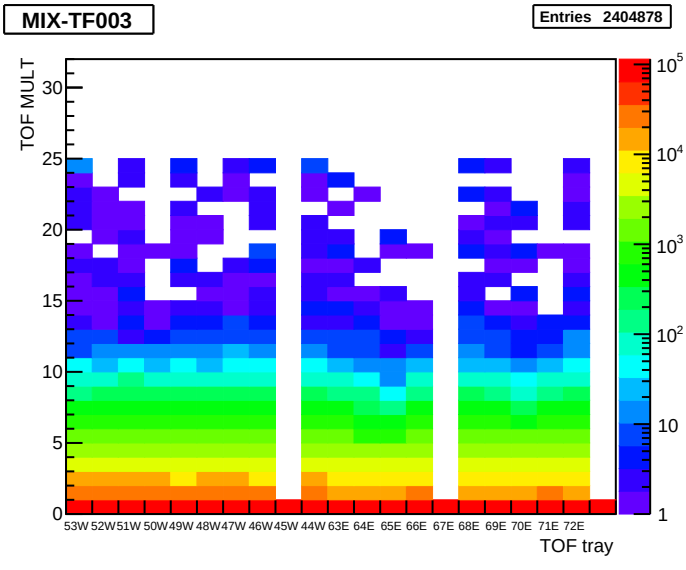

BunchId7Bit (BBC-TAC)
Entries 41981

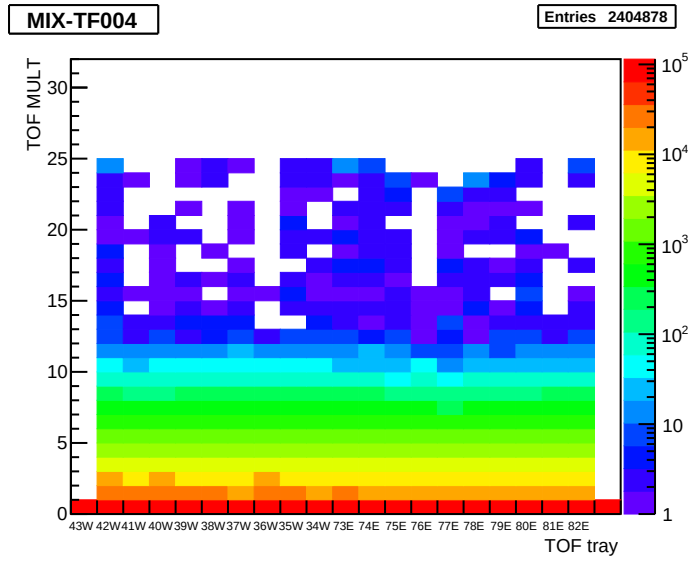

BunchId7Bit (Laser)
Entries 0

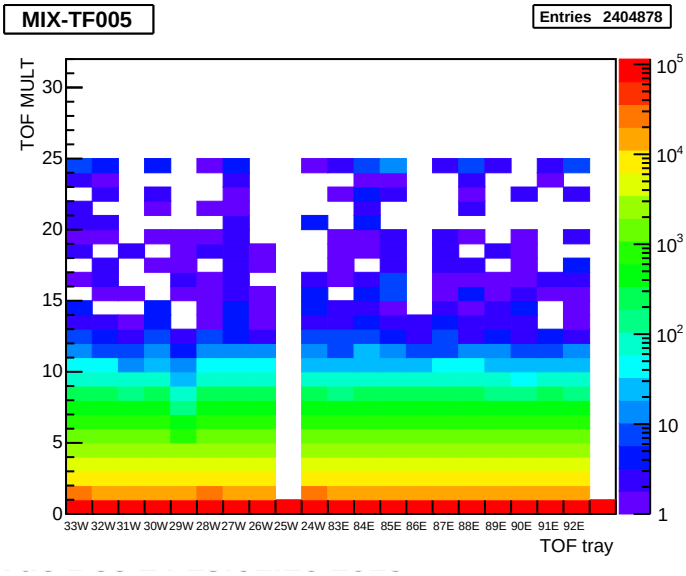

BunchId7Bit (TOFmult window)
Entries 3982

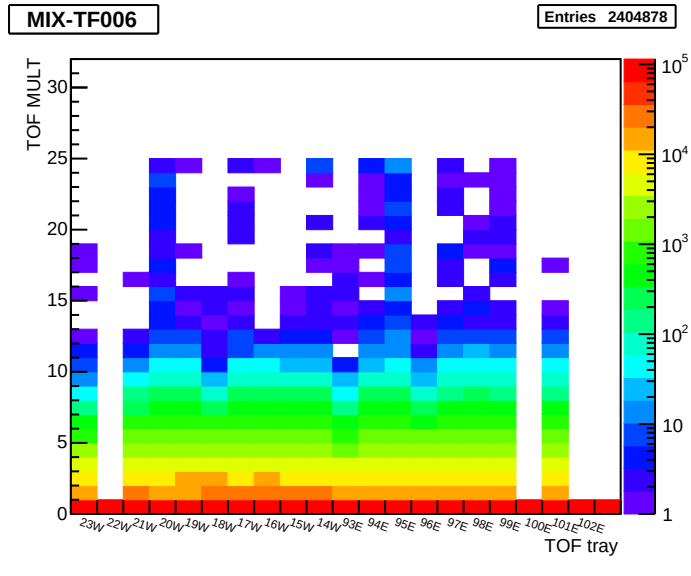

MIX-TF001
Entries 2404878
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

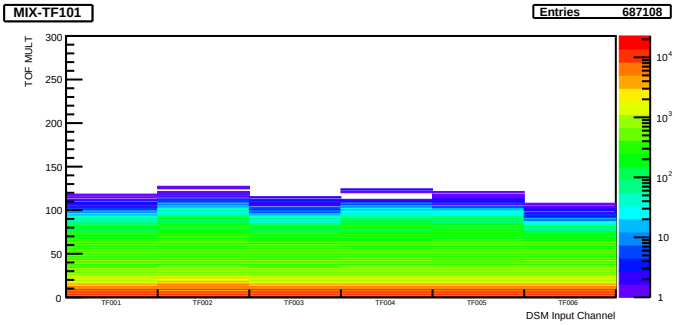

MIX-TF002
Entries 2404878
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

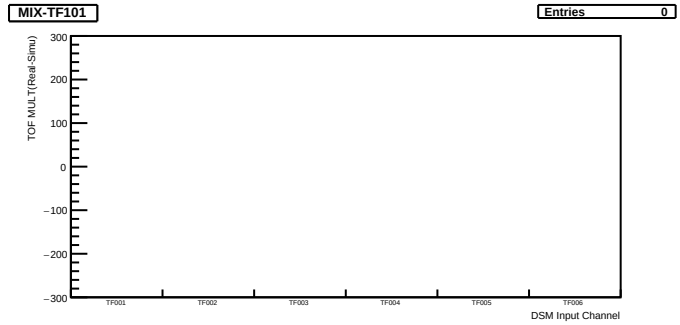

MIX-TF003
Entries 2404878
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

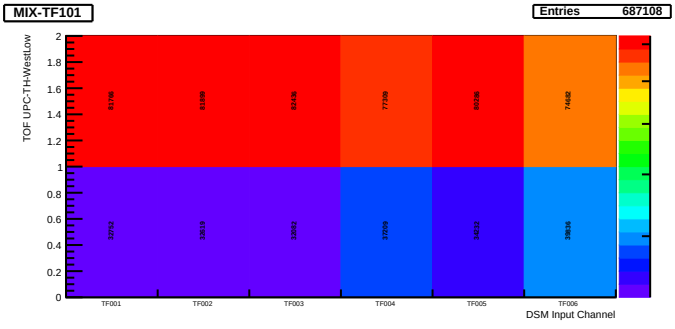

MIX-TF004
Entries 2404878
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

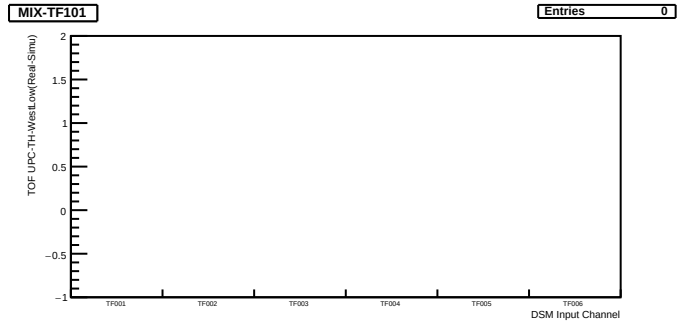

MIX-TF005
Entries 2404878
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

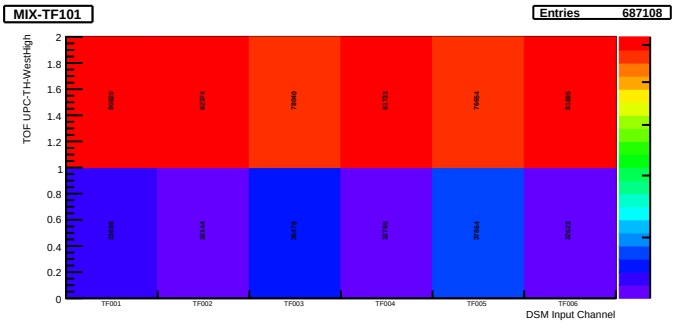

MIX-TF006
Entries 2404878
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

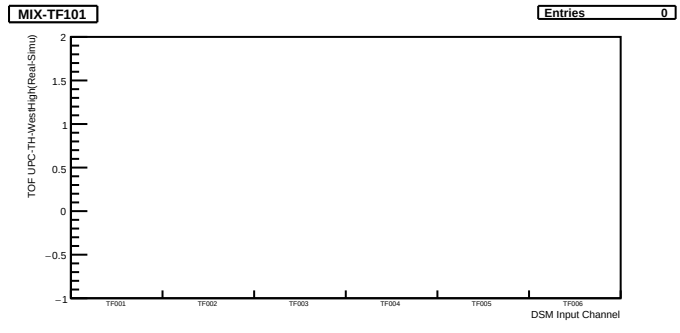

MIX-TF101
Entries 687108
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

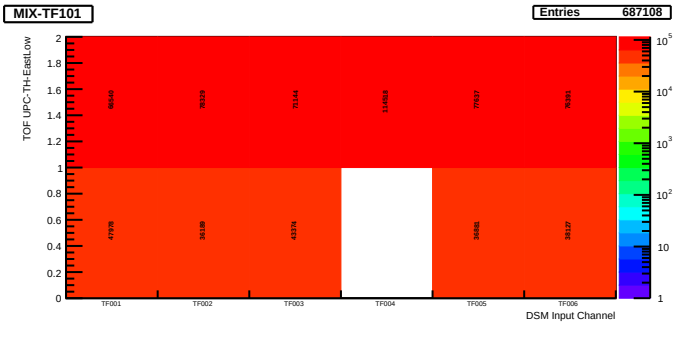

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

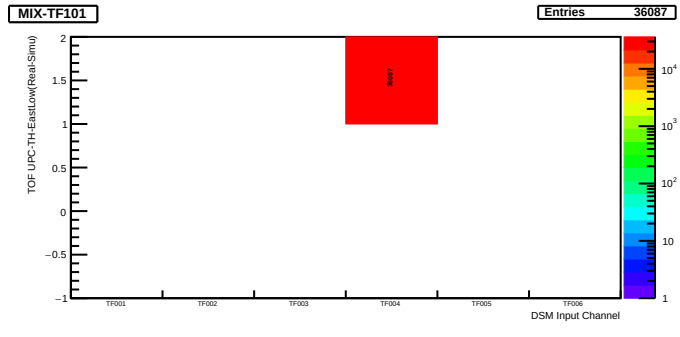

MIX-TF101
Entries 687108
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

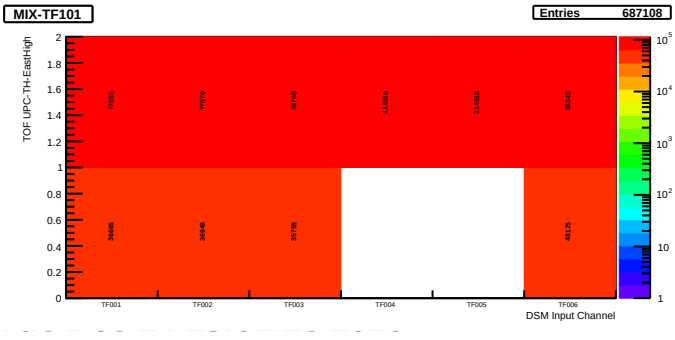

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

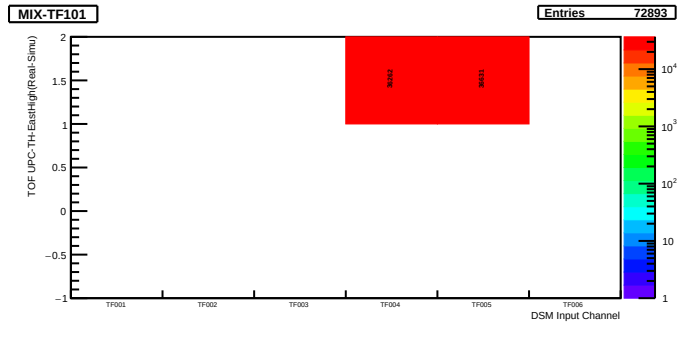

MIX-TF101
Entries 687108
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

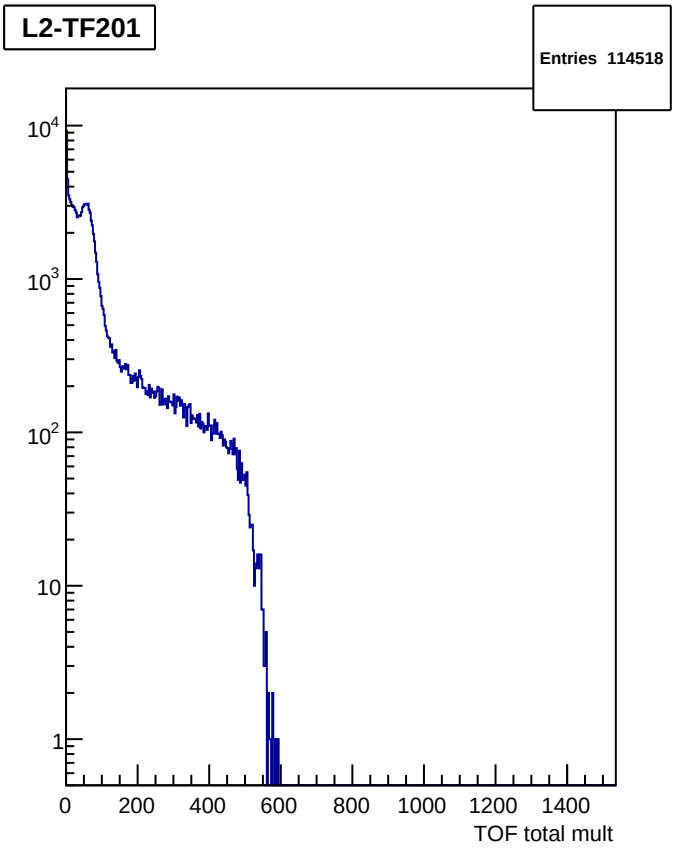

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

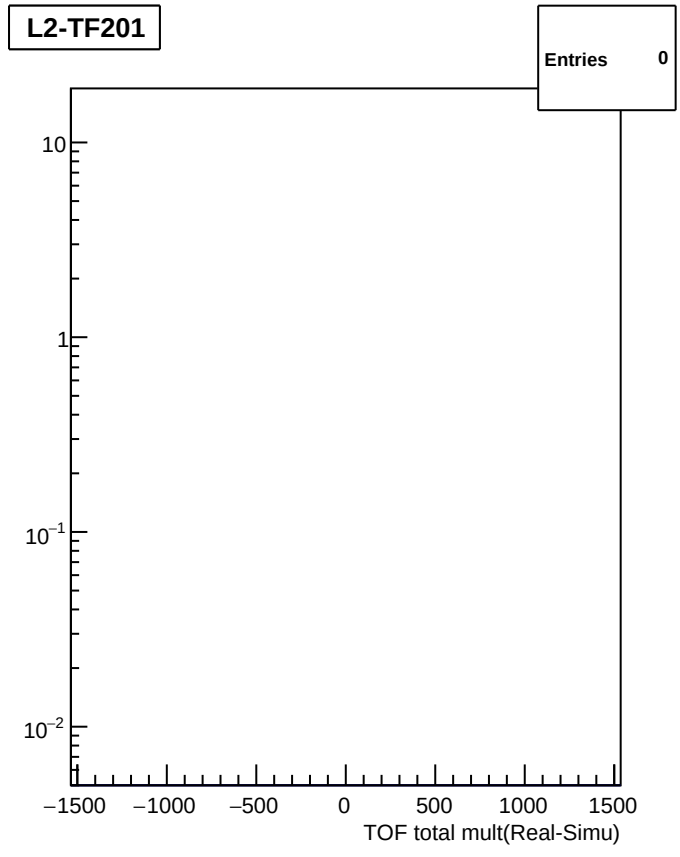

MIX-TF101
Entries 687108
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

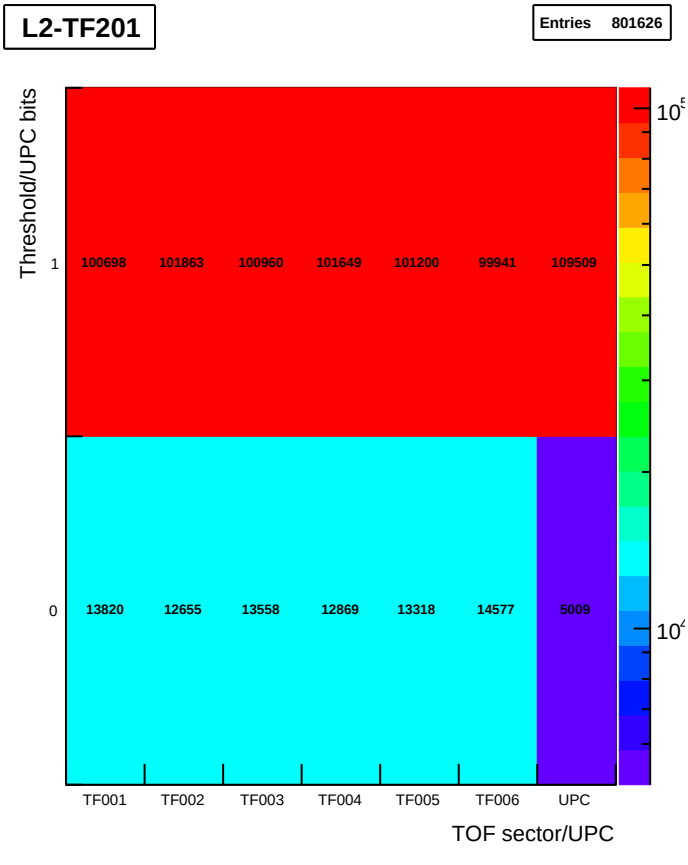

MIX-TF101
Entries 36087
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

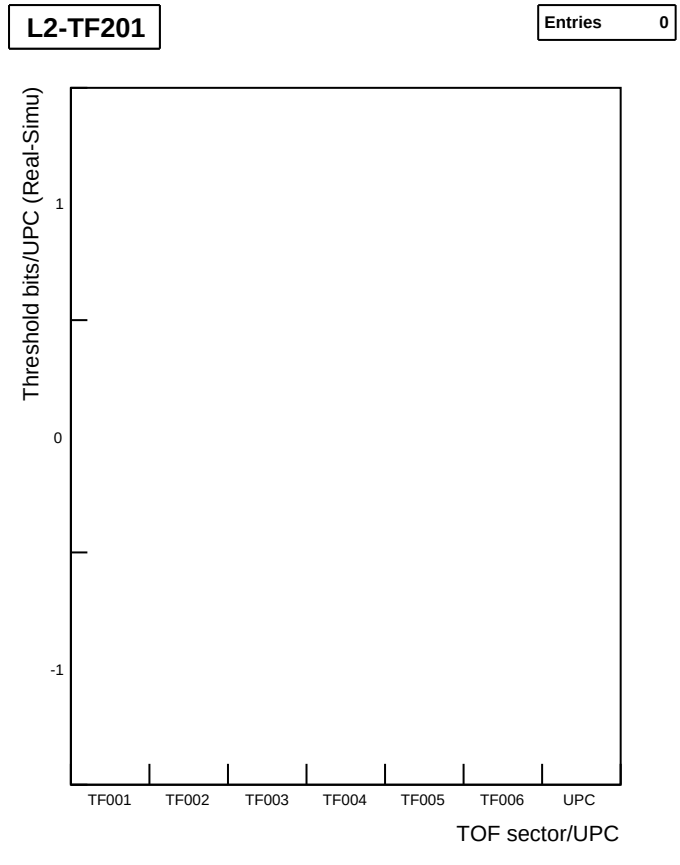

MIX-TF101
Entries 687108
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

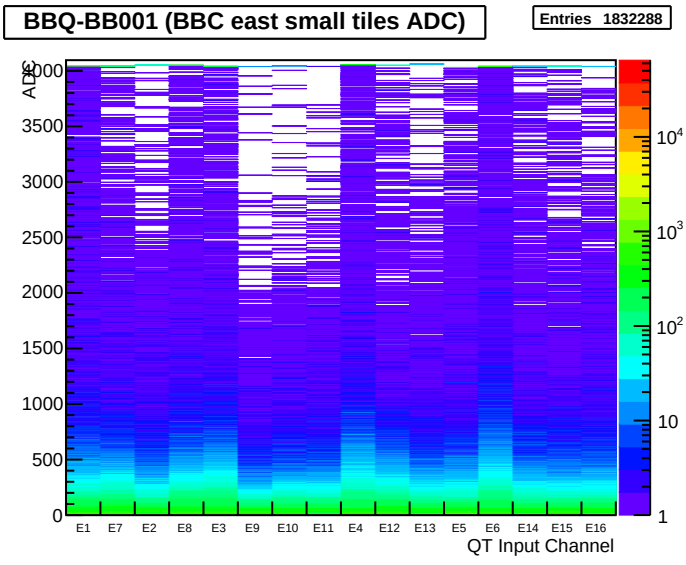

MIX-TF101
Entries 72893
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

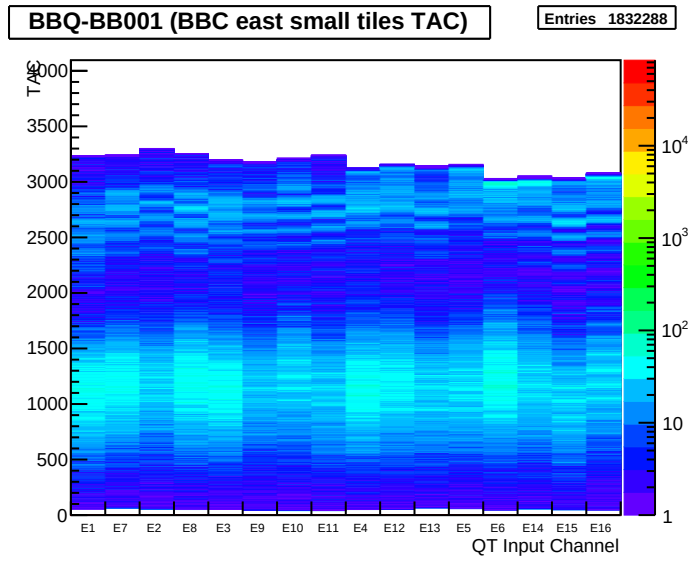

L2-TF201
Entries 114518
TOF total mult

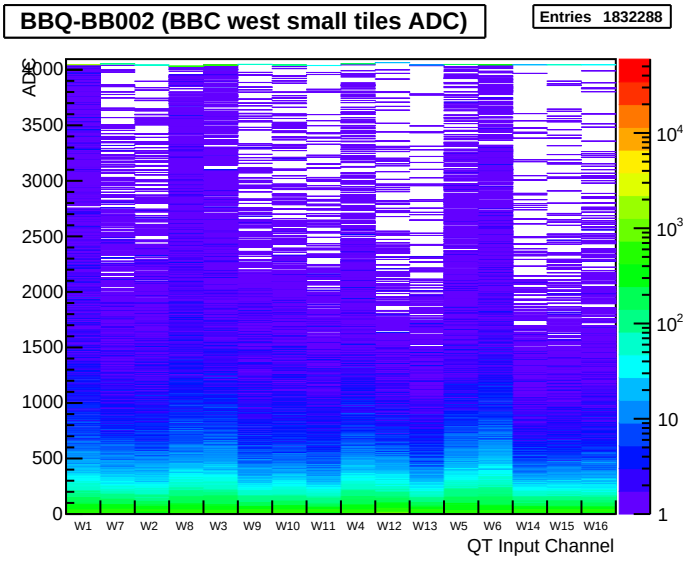

L2-TF201
Entries 0
TOF total mult(Real-Simu)

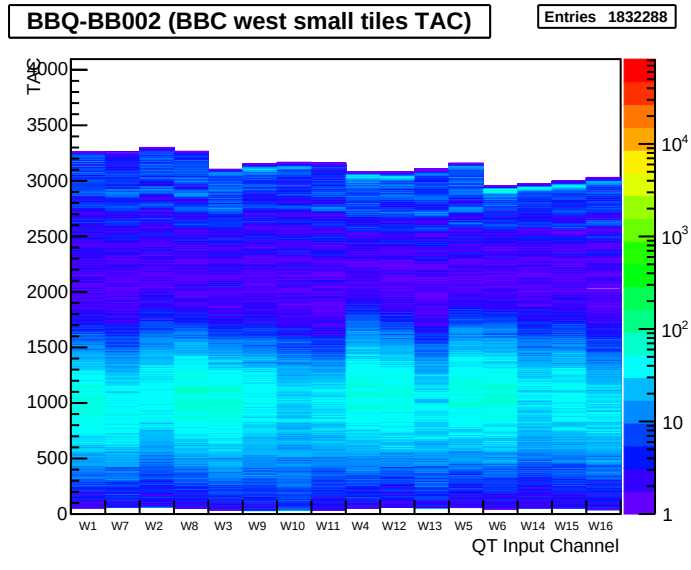

L2-TF201
Entries 801626
Threshold/UPC bits
100698 101863 100960 101649 101200 99941 109509
13820 12655 13558 12869 13318 14577 5009
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

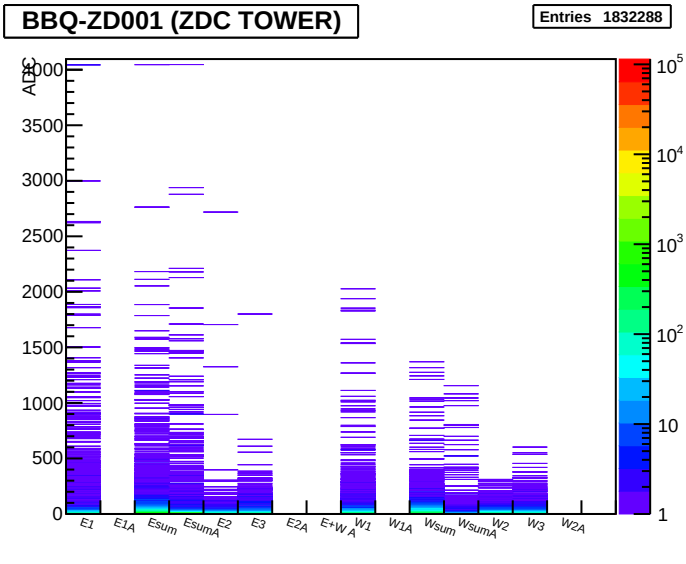

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

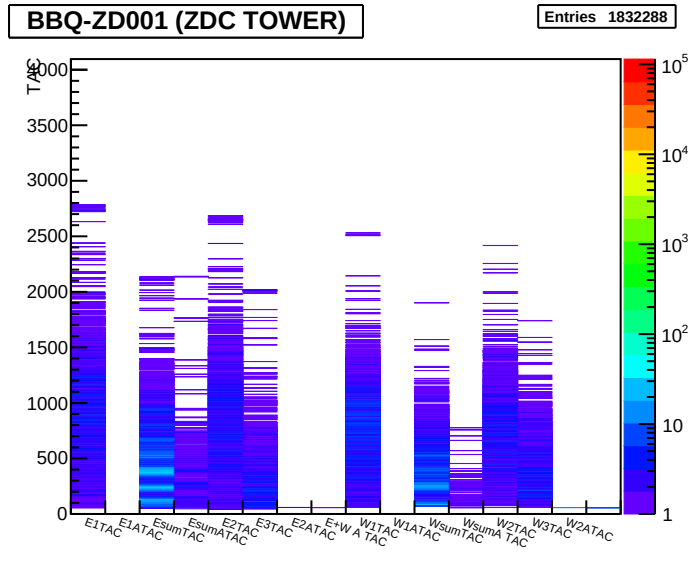

BBQ-BB001 (BBC east small tiles ADC)
Entries 1832288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

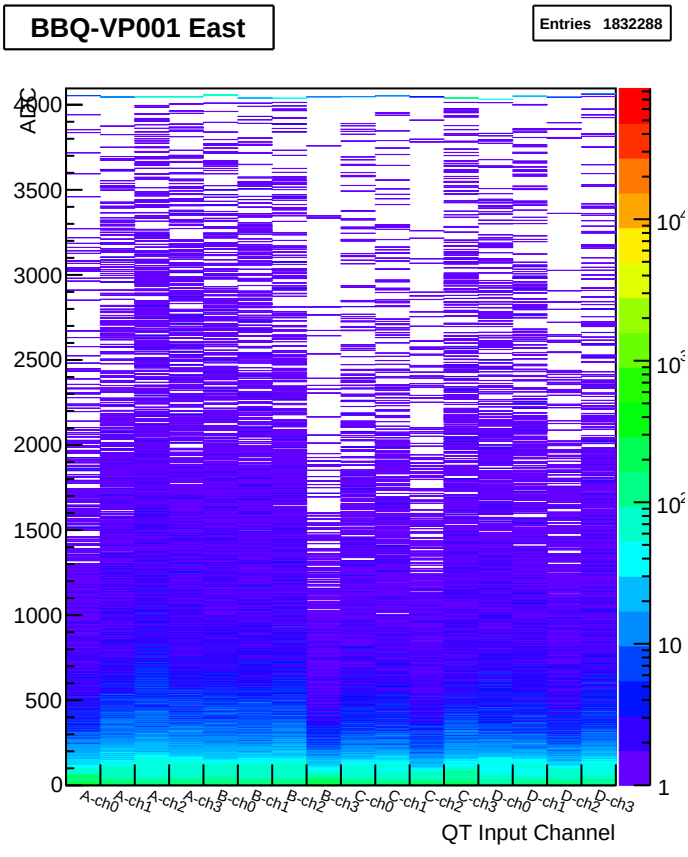

BBQ-BB001 (BBC east small tiles TAC)
Entries 1832288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

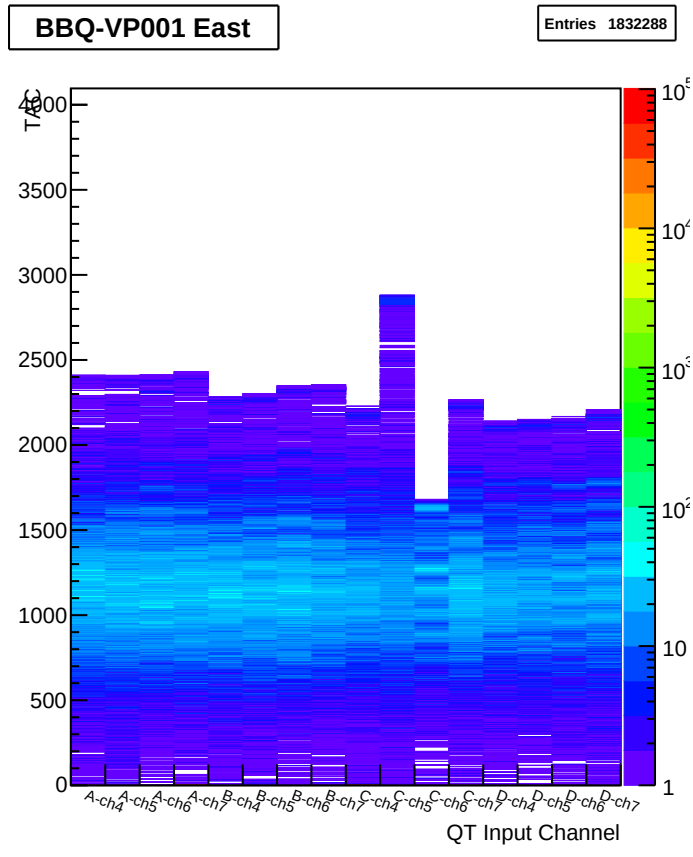

BBQ-BB002 (BBC west small tiles ADC)
Entries 1832288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

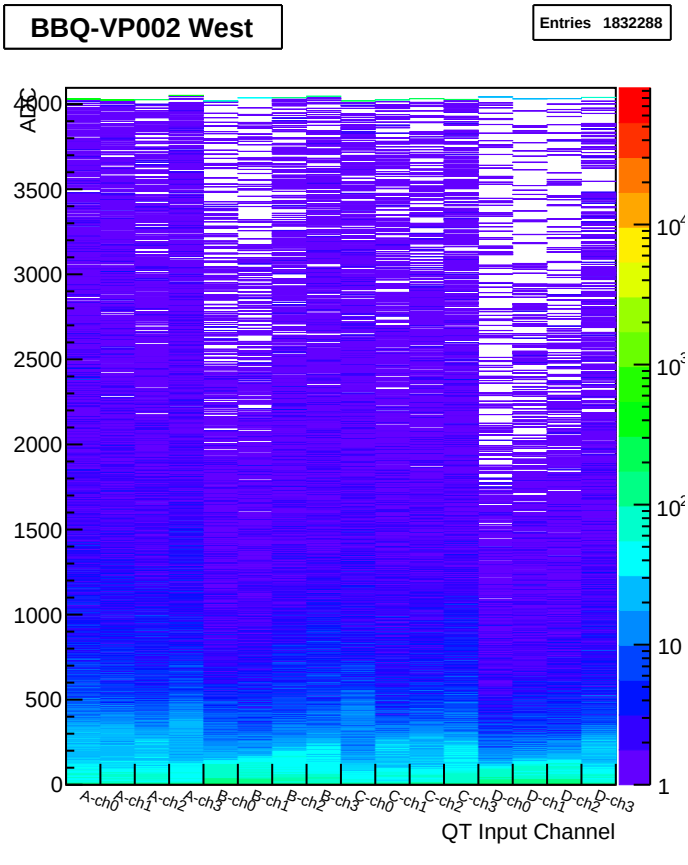

BBQ-BB002 (BBC west small tiles TAC)
Entries 1832288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

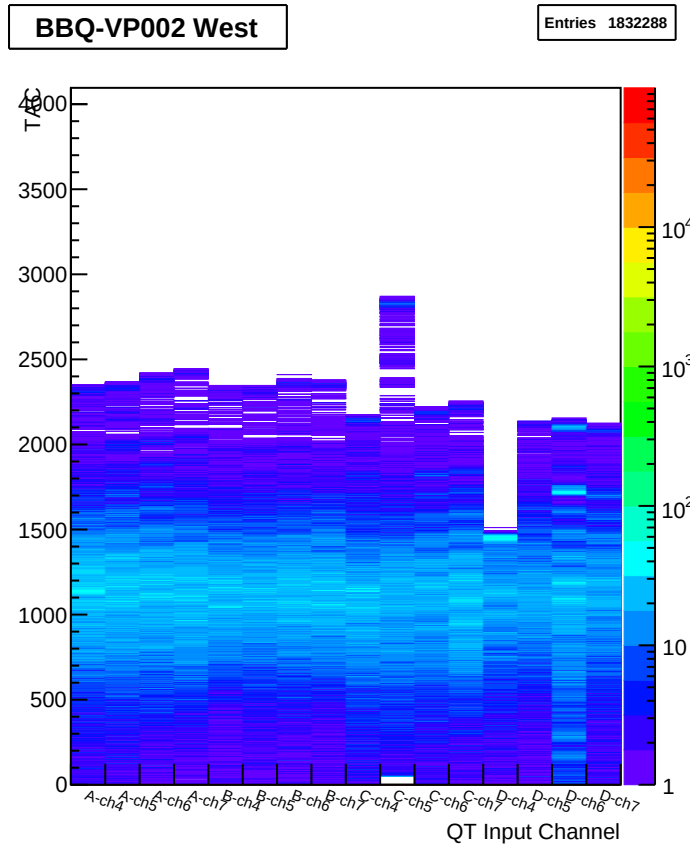

BBQ-ZD001 (ZDC TOWER)
Entries 1832288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

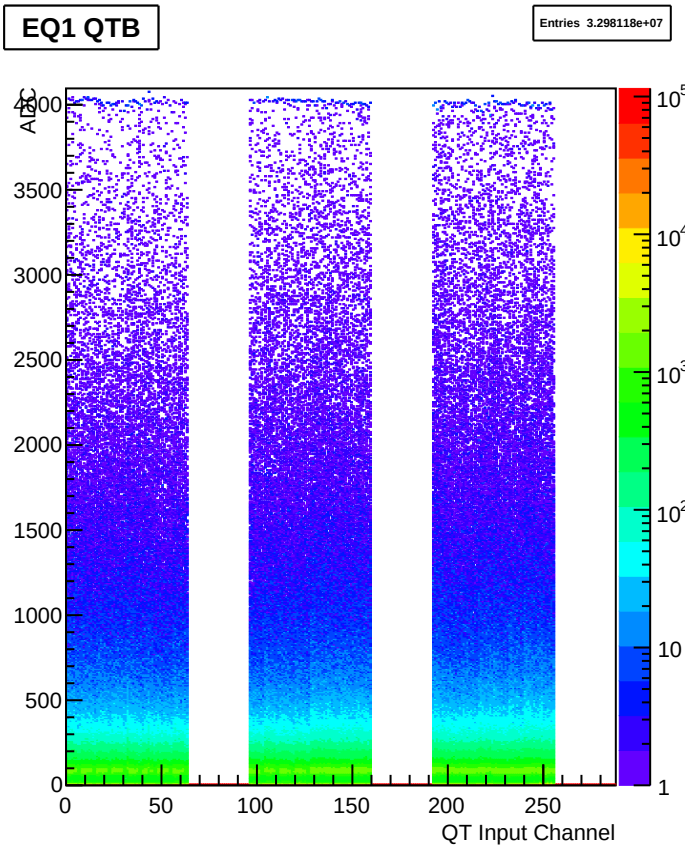

BBQ-ZD001 (ZDC TOWER)
Entries 1832288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

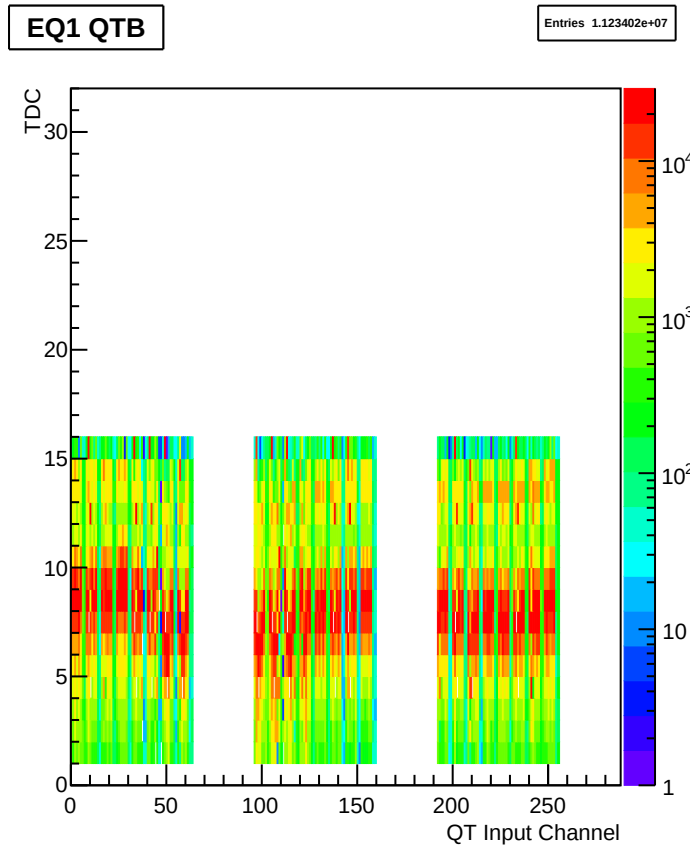

BBQ-VP001 East
Entries 1832288
ADC
QT Input Channel

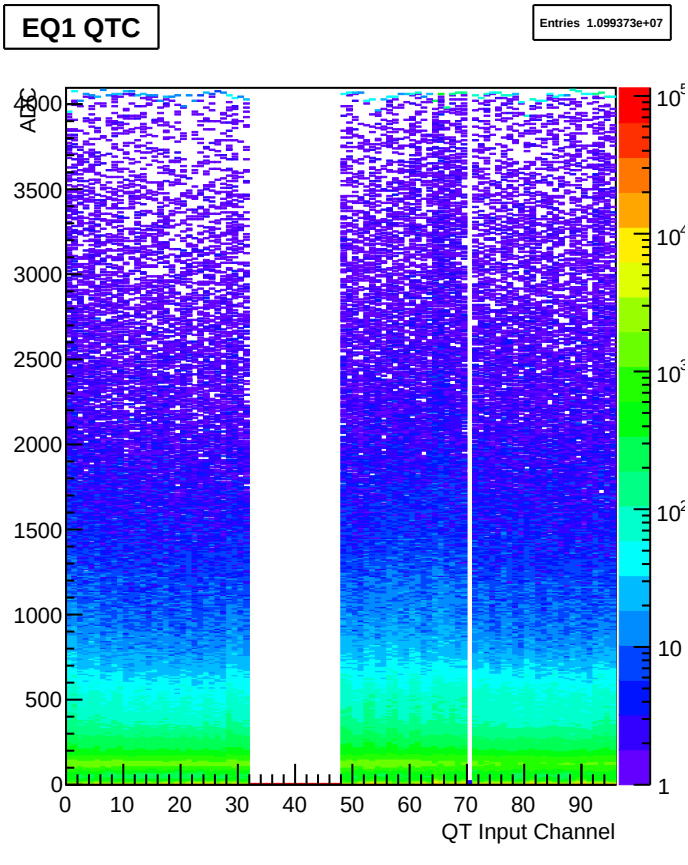

BBQ-VP001 East
Entries 1832288
TADC
QT Input Channel

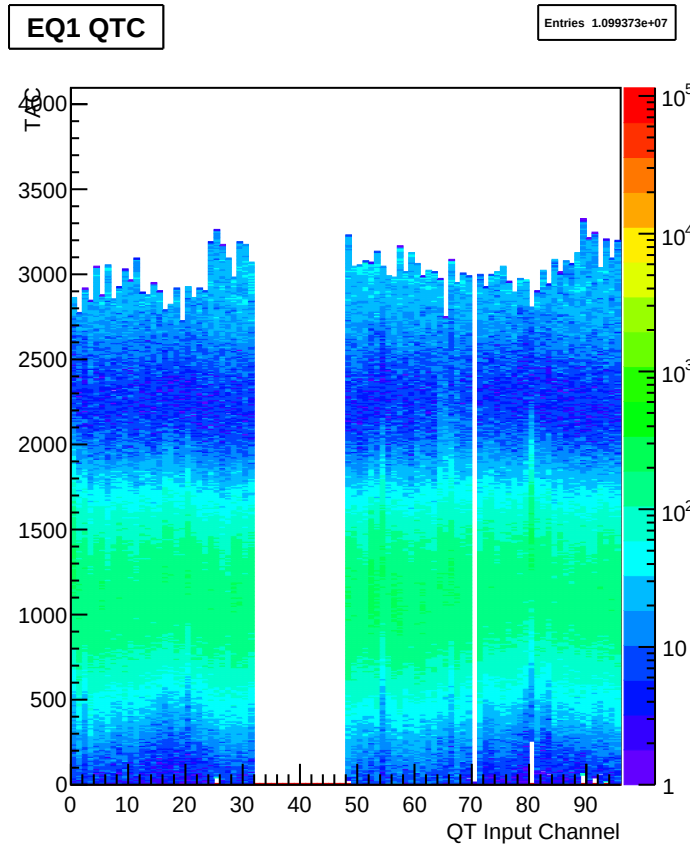

BBQ-VP002 West
Entries 1832288
ADC
QT Input Channel

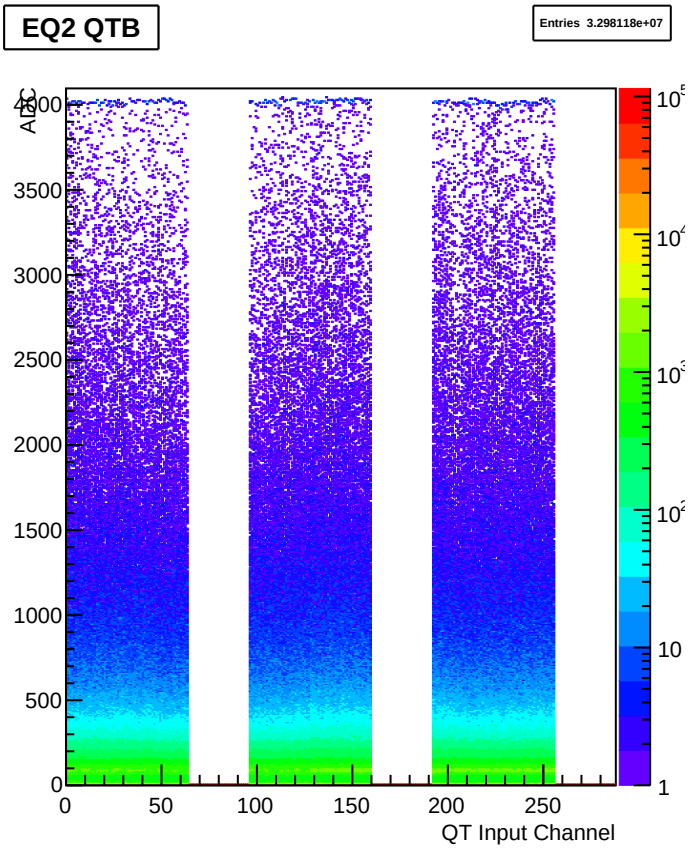

BBQ-VP002 West
Entries 1832288
TADC
QT Input Channel

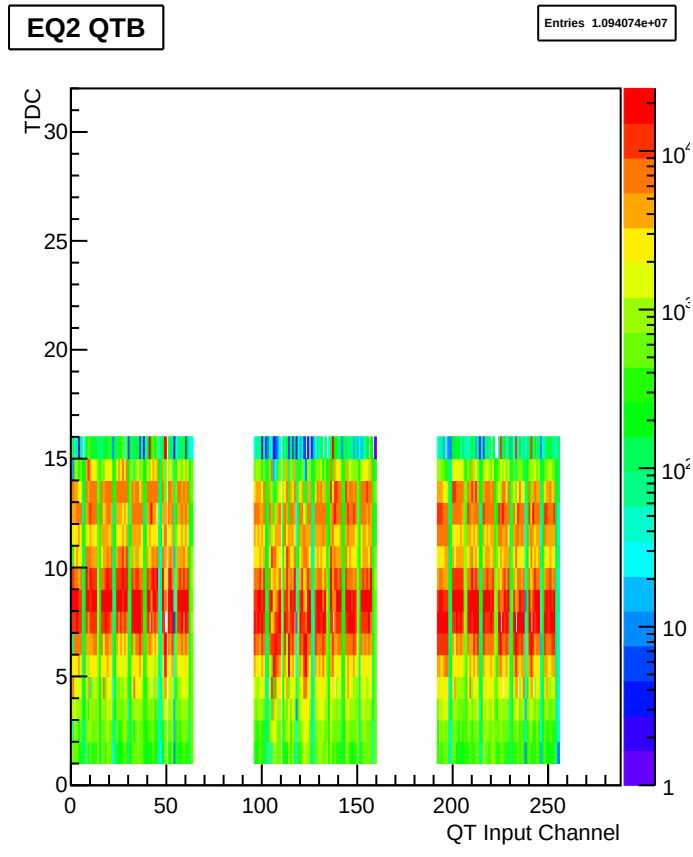

EQ1 QTB
Entries 3.298118e+07
ADC
QT Input Channel

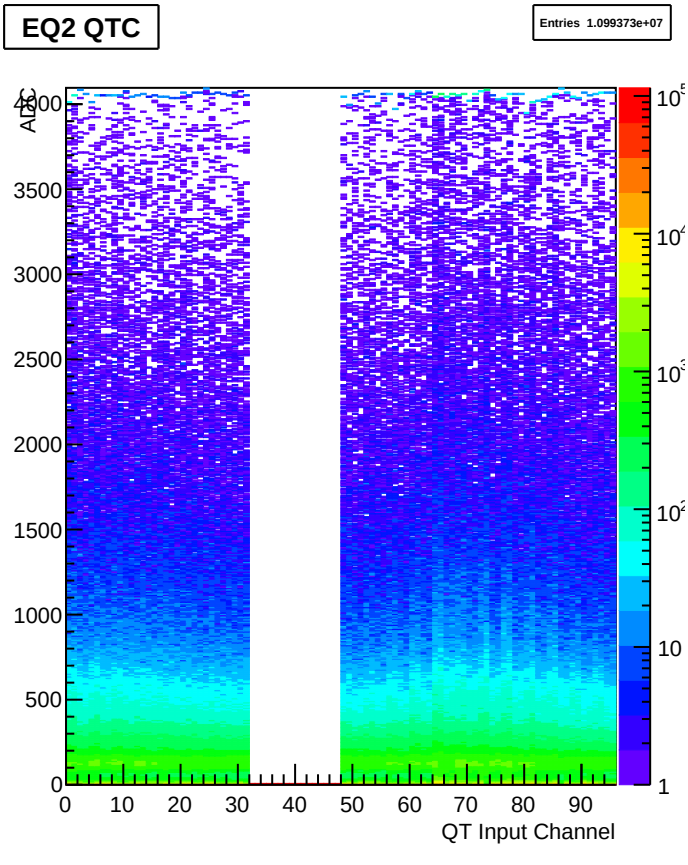

EQ1 QTB
Entries 1.123402e+07
TDC
QT Input Channel

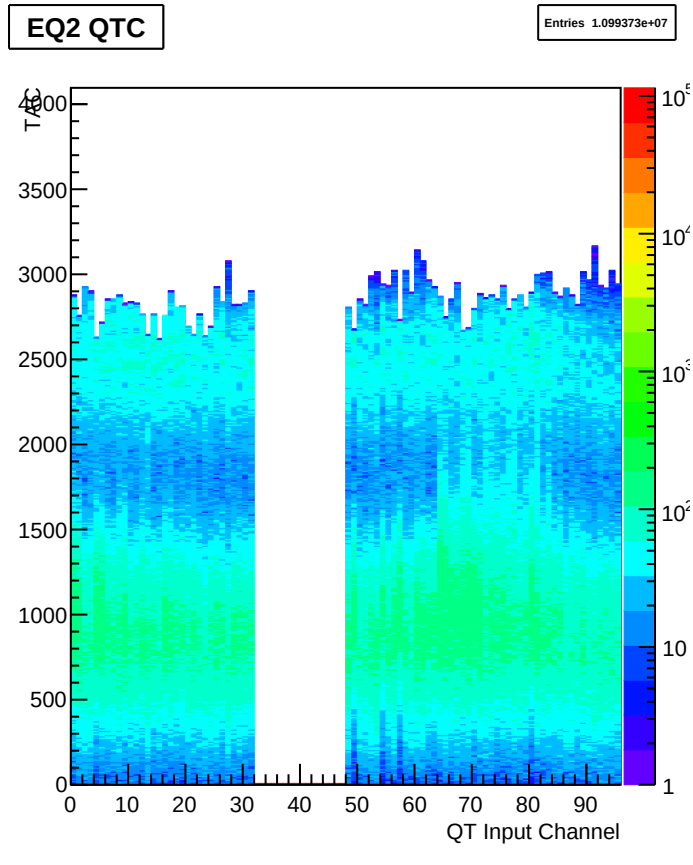

EQ1 QTC
Entries 1.099373e+07
ADC
QT Input Channel

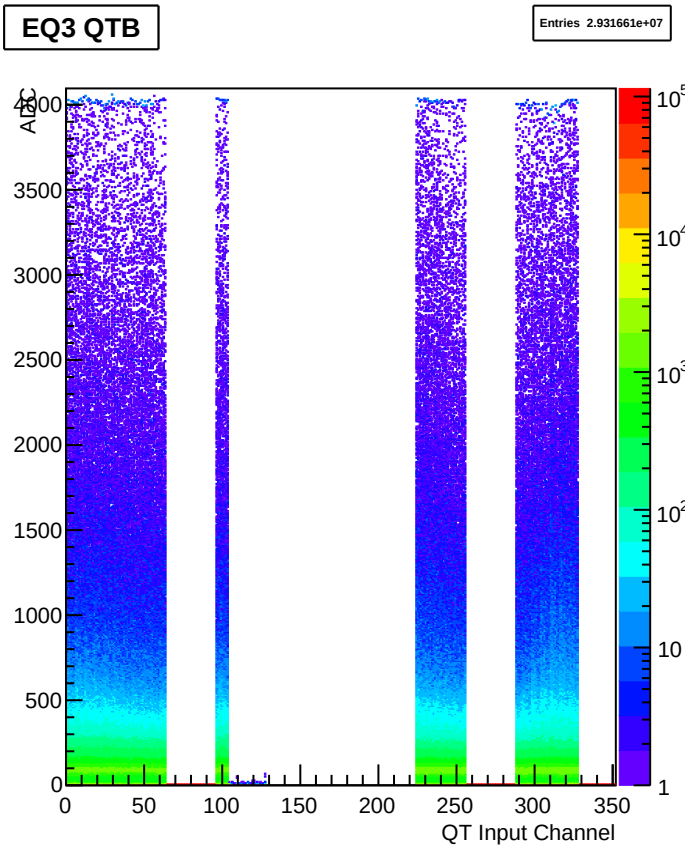

EQ1 QTC
Entries 1.099373e+07
TADC
QT Input Channel

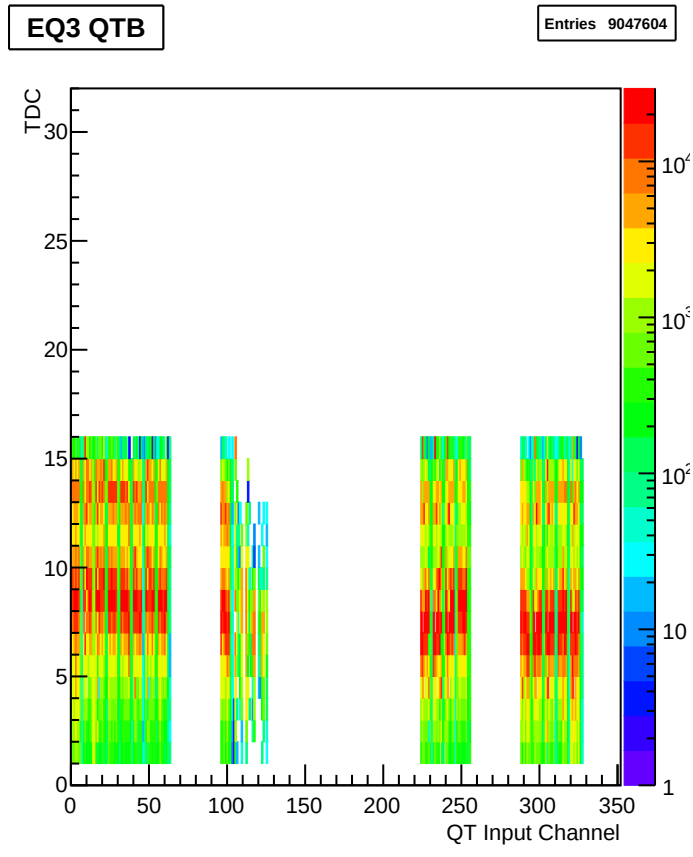

EQ2 QTB
Entries 3.298118e+07
ADC
QT Input Channel

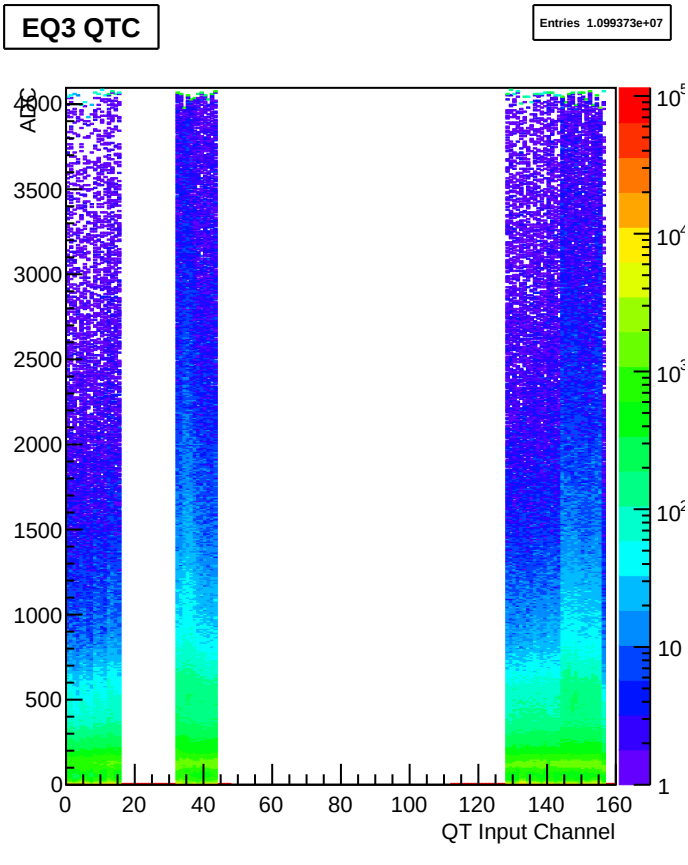

EQ2 QTB
Entries 1.094074e+07
TDC
QT Input Channel

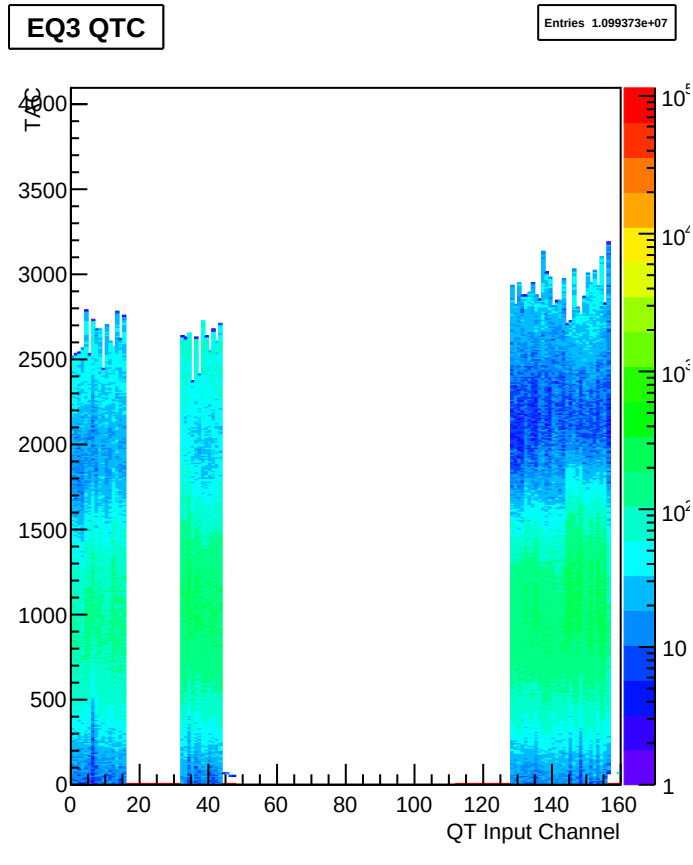

EQ2 QTC
Entries 1.099373e+07
ADC
QT Input Channel

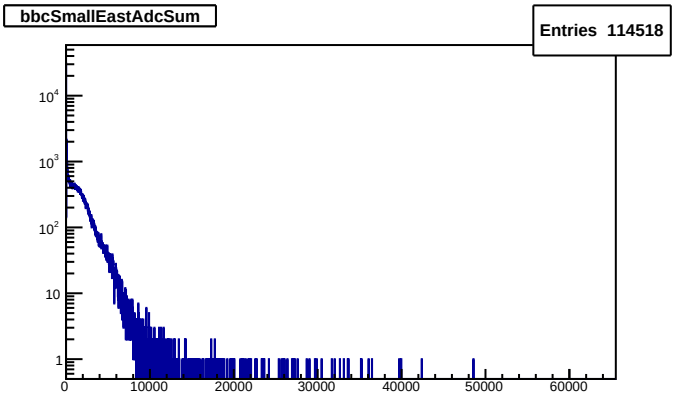

EQ2 QTC
Entries 1.099373e+07
TADC
QT Input Channel

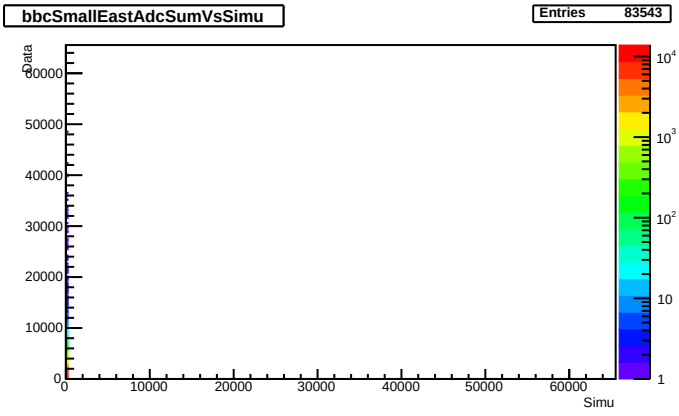

EQ3 QTB
Entries 2.931661e+07
ADC
QT Input Channel

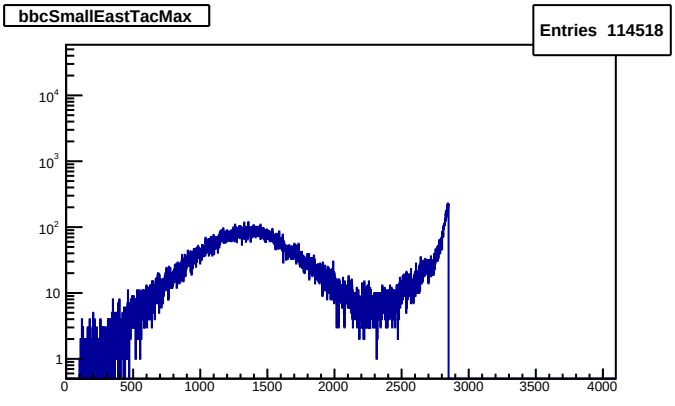

EQ3 QTB
Entries 9047604
TDC
QT Input Channel

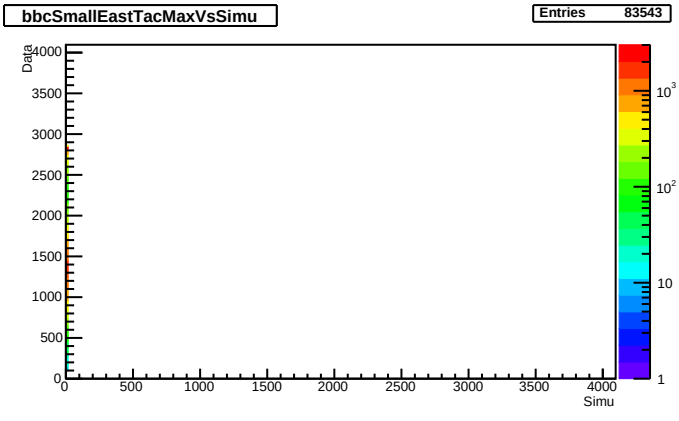

EQ3 QTC
Entries 1.099373e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.099373e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 114518


bbcSmallEastAdcSumVsSimu
Entries 83543
Data
Simu


bbcSmallEastTacMax
Entries 114518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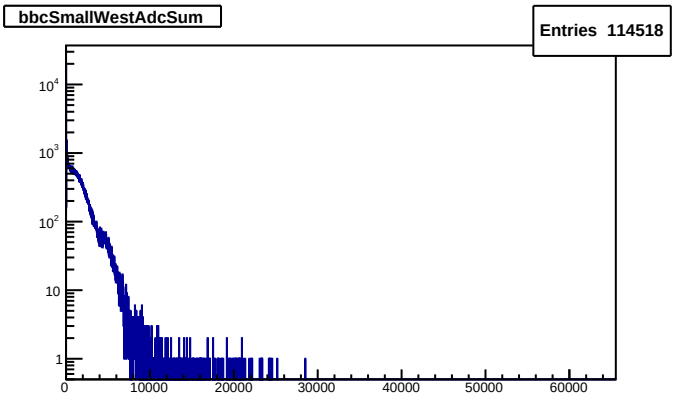
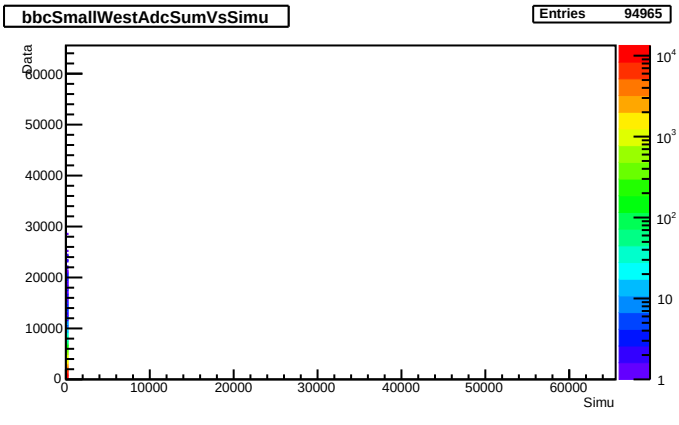
Entries 83543
Data
Simu


bbcSmallWestAdcSum
Entries 114518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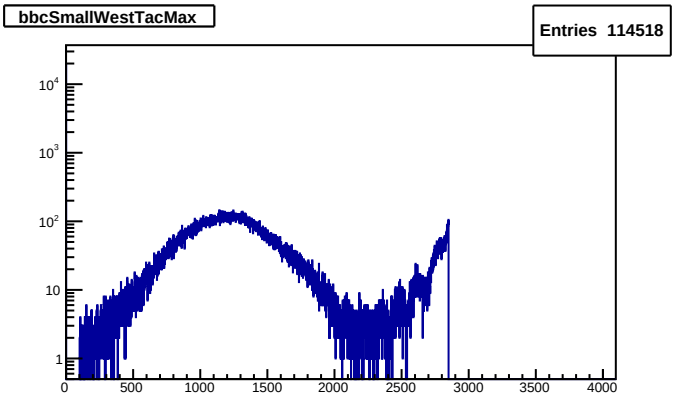
Entries 94965
Data
Simu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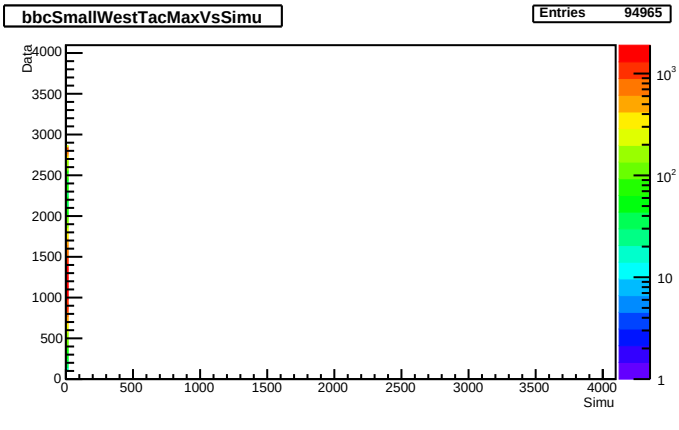
Entries 114518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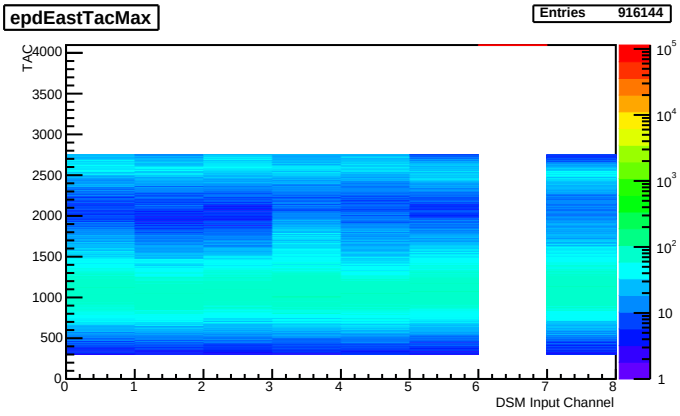
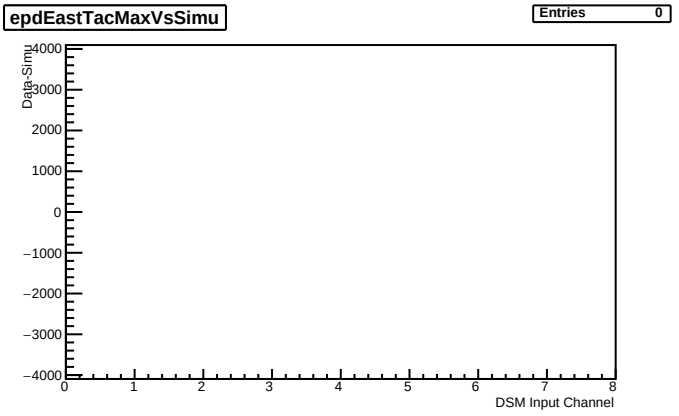
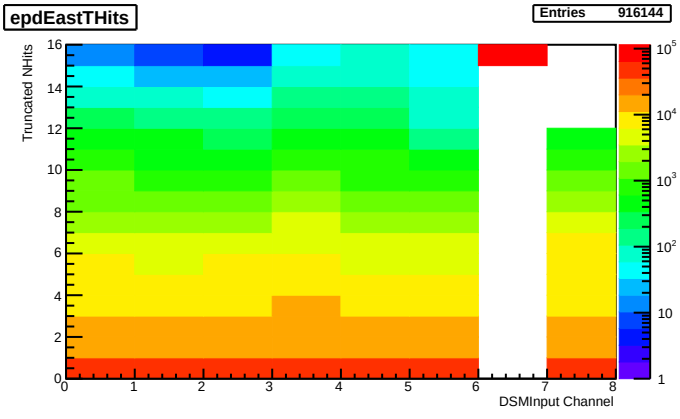
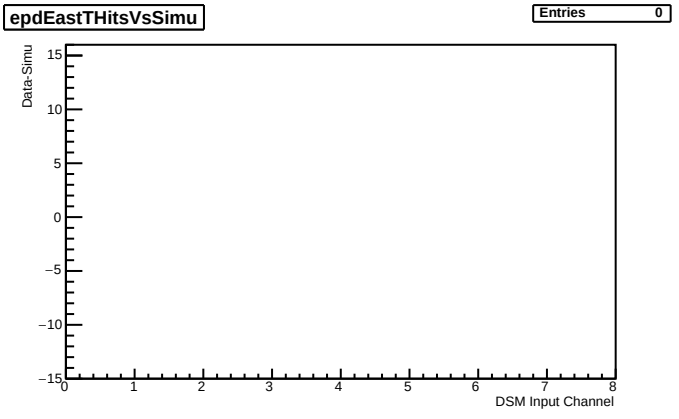
Entries 94965
Data
Simu


epdEastTacMax
Entries 916144
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 916144
Truncated NHits
DSMInput Channel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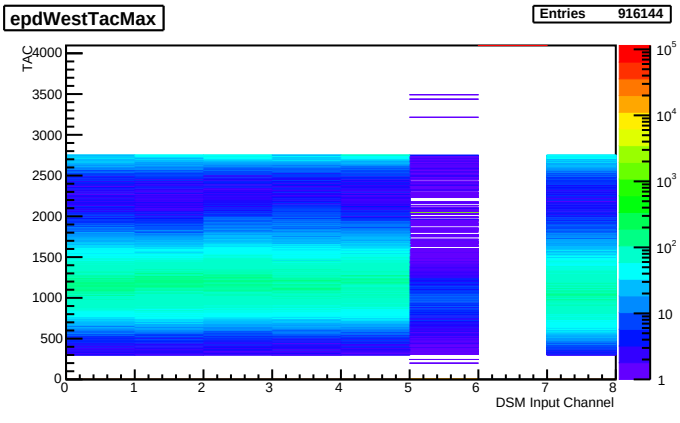
Data-Simu
DSM Input Channel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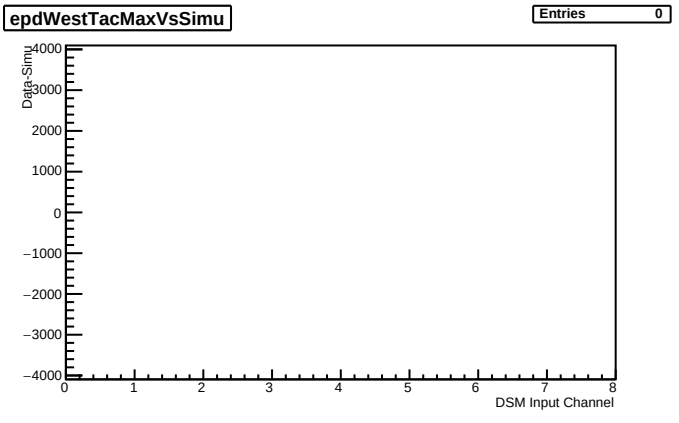
TAC
DSM Input Channel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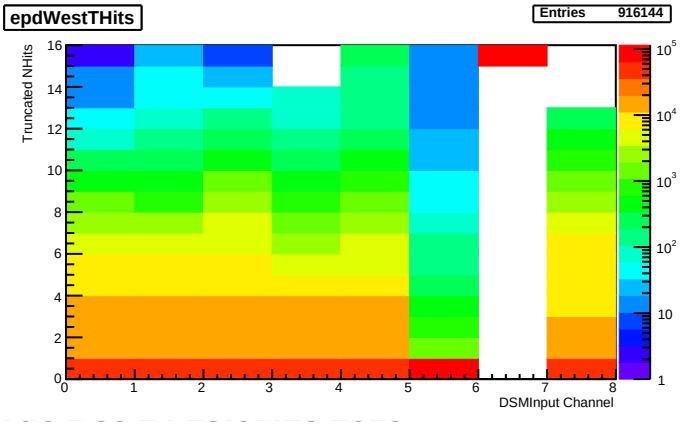
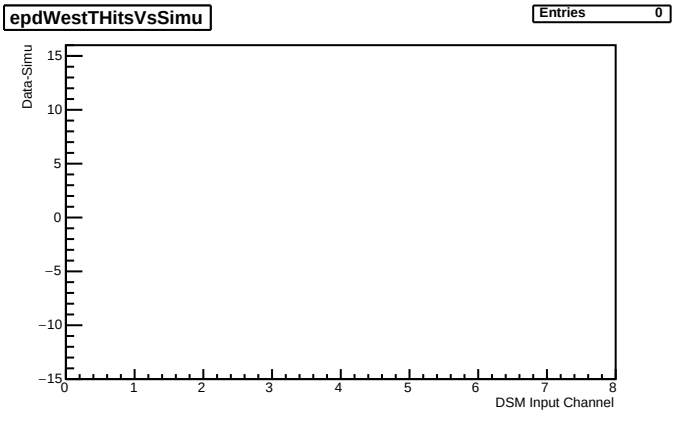
Data-Simu
DSM Input Channel


epdWestTHits
Entries 916144
Truncated NHits
DSMInput Channel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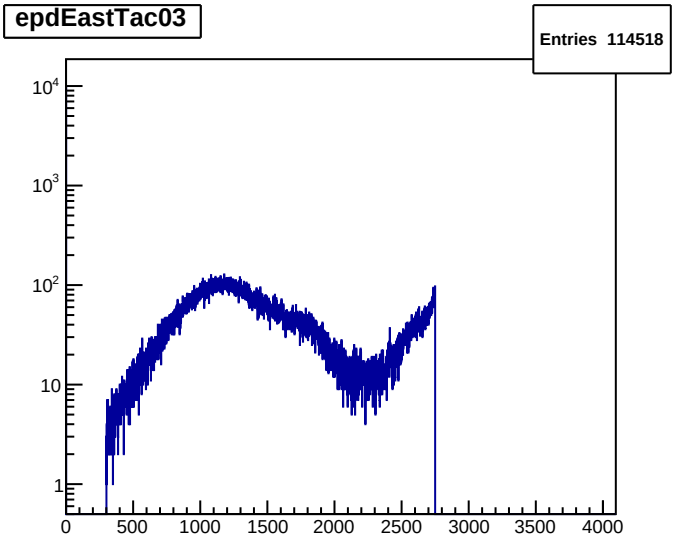
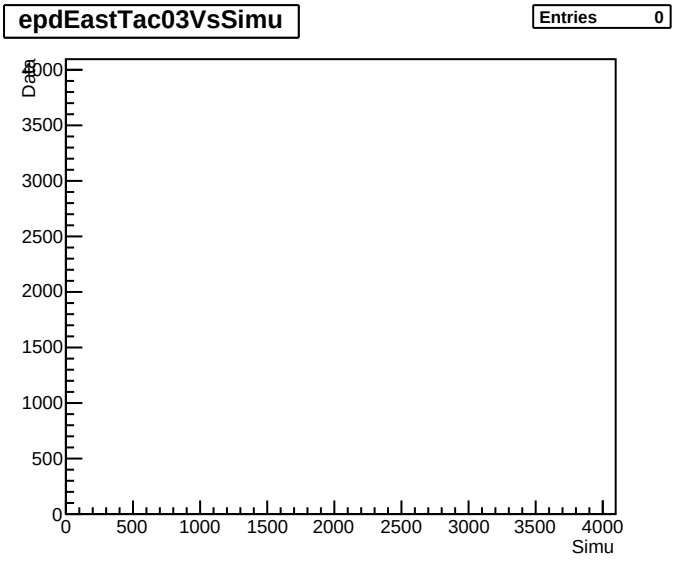
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 114518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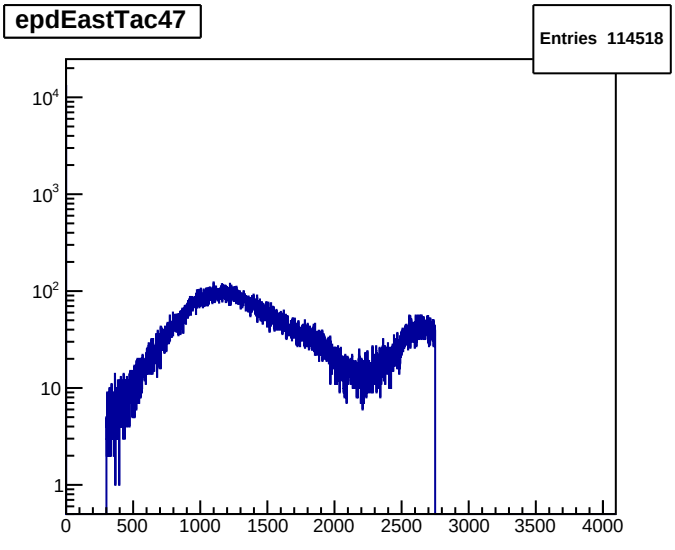
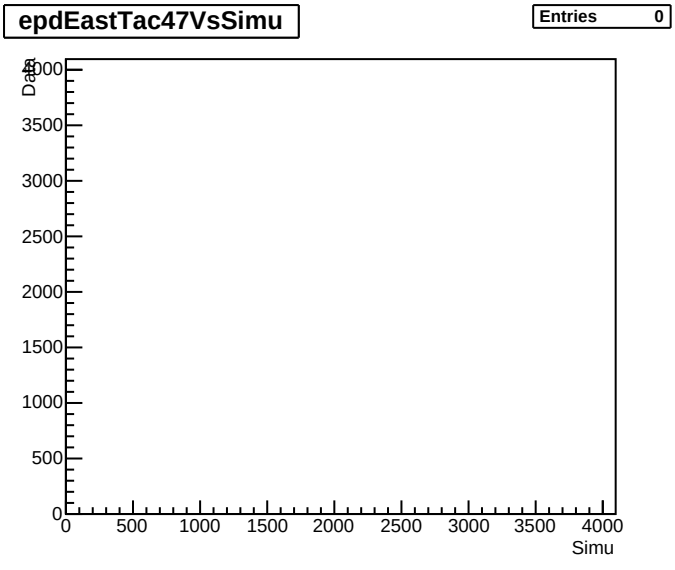
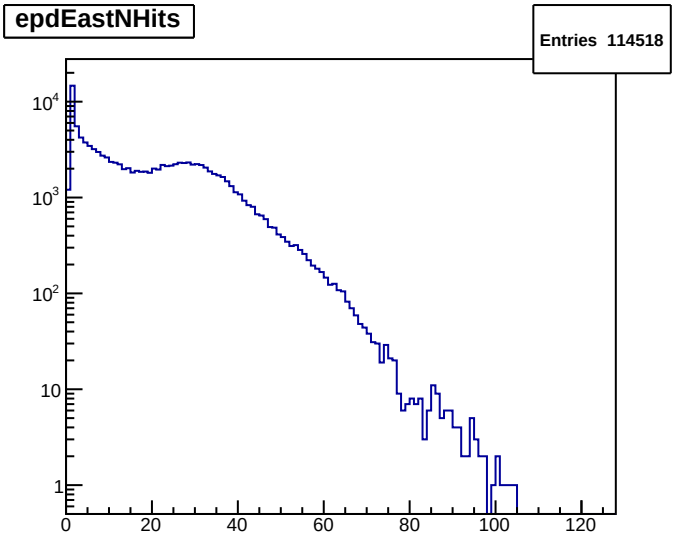
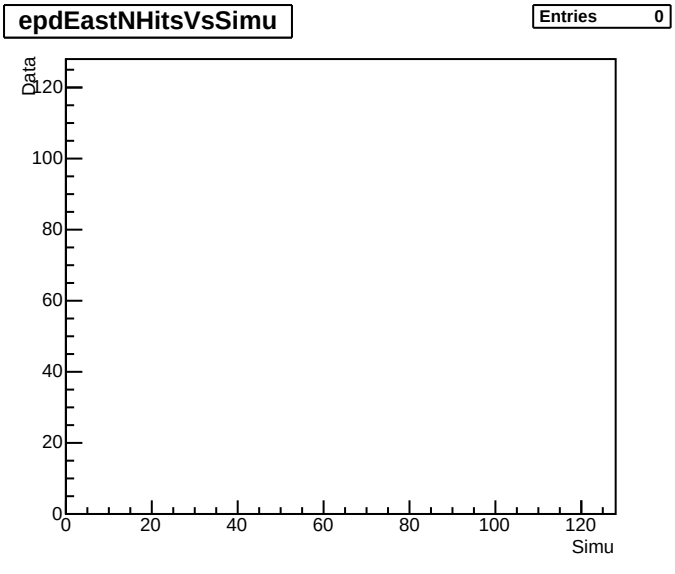
Entries 0
Data
Simu


epdEastTac47
Entries 114518


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 114518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Data
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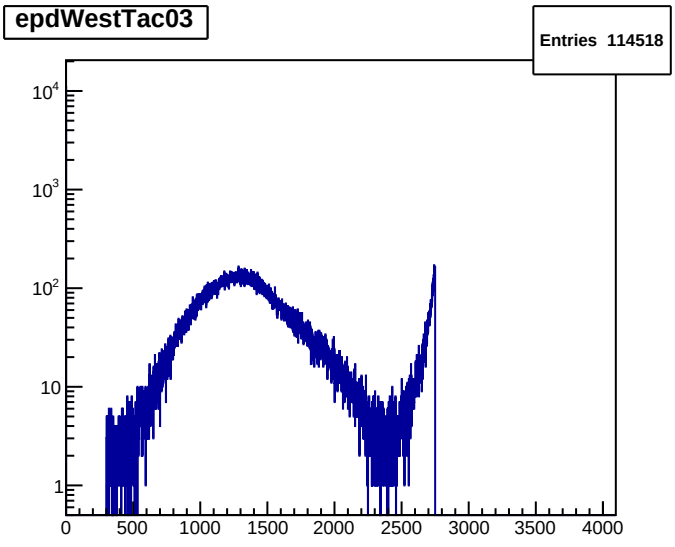
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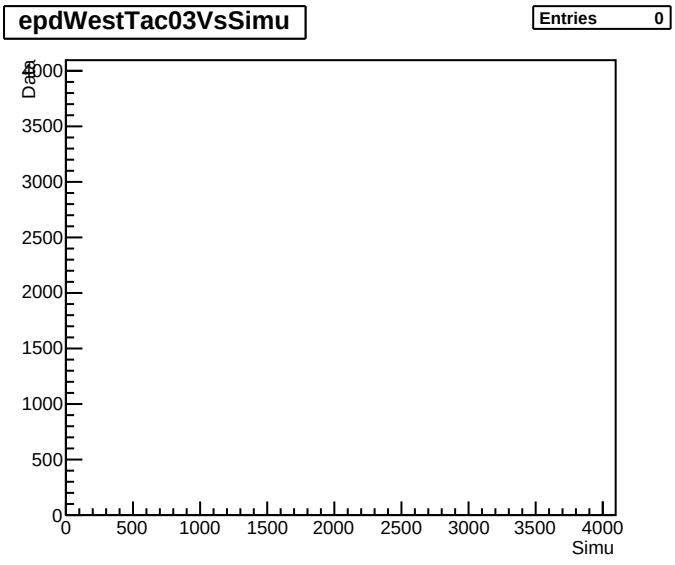
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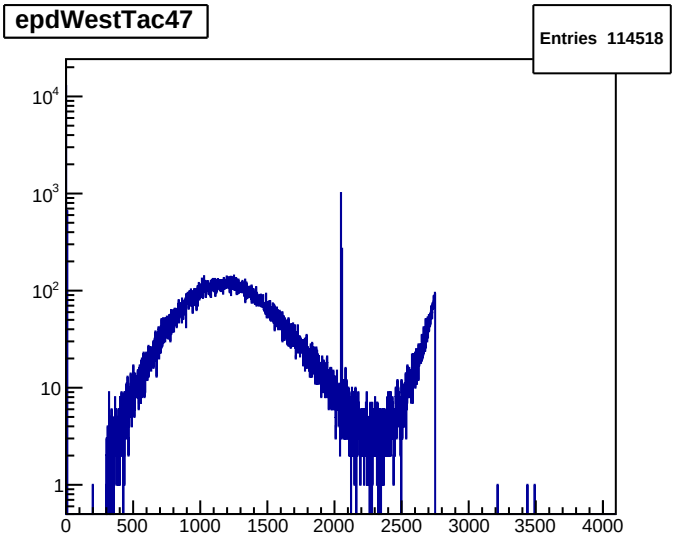
Entries 0
Data
Simu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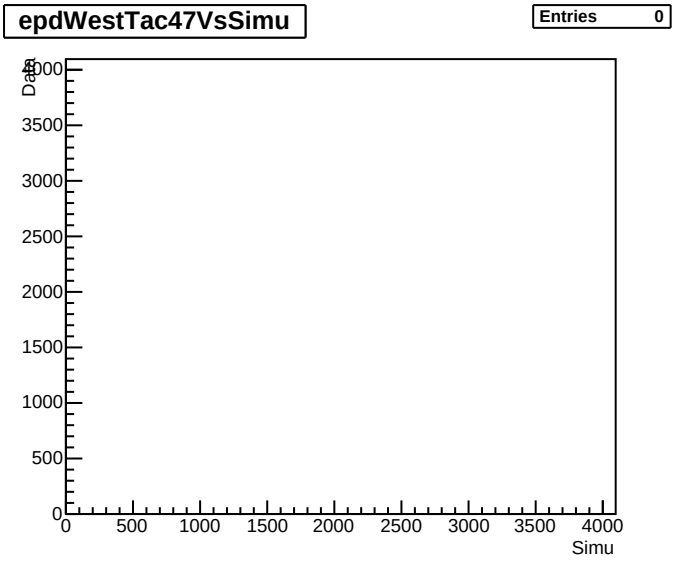
Entries 114518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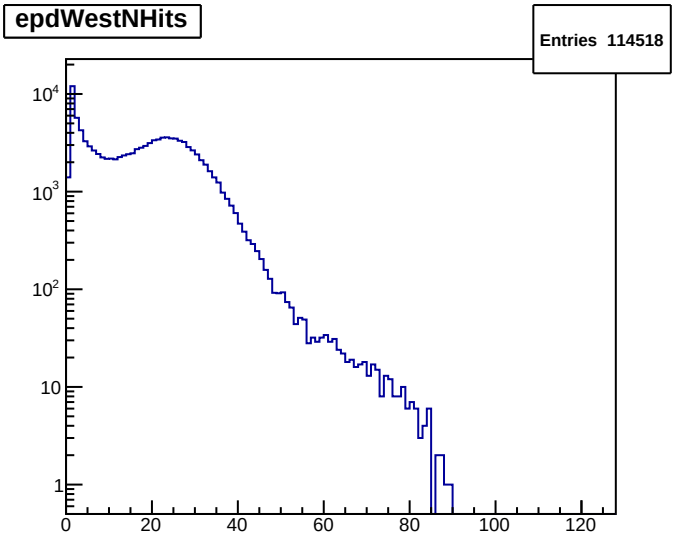
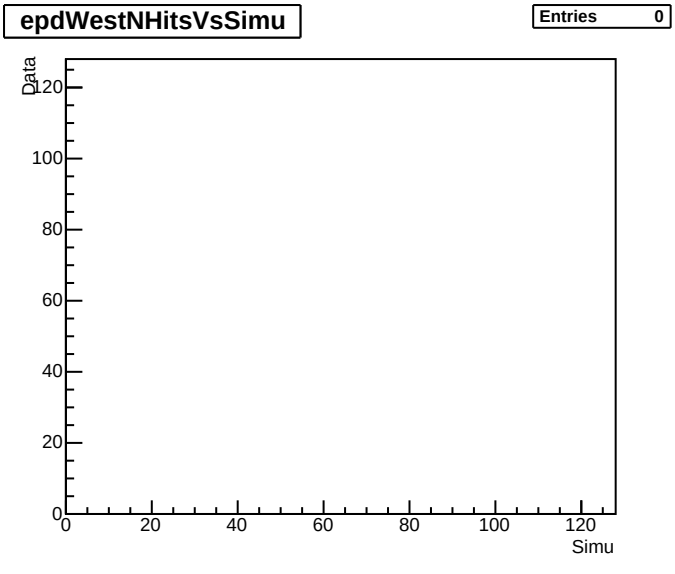
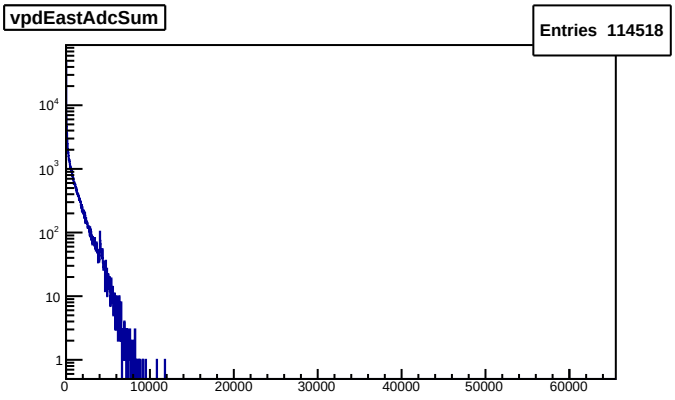
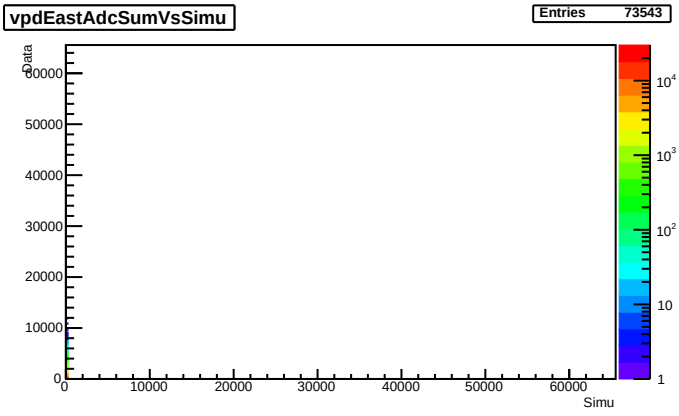
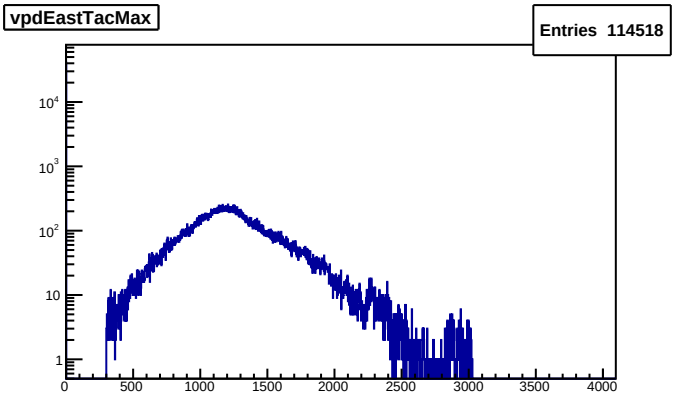
Entries 0
Data
Simu

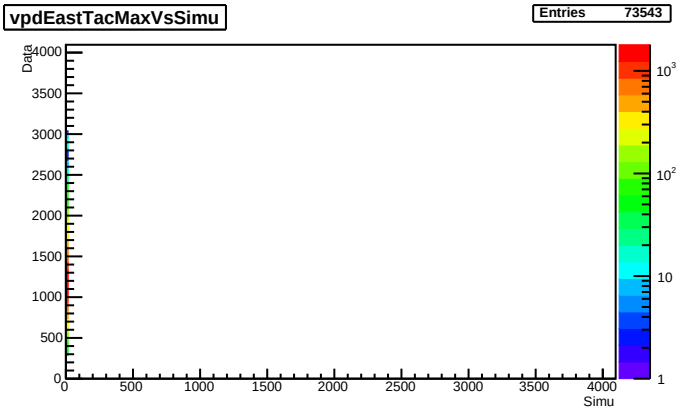

epdWestNHits
Entries 114518

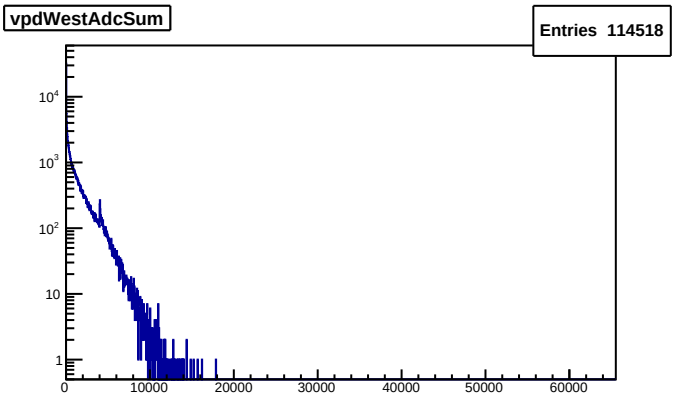

epdWestNHitsVsSimu
Entries 0
Data
Simu

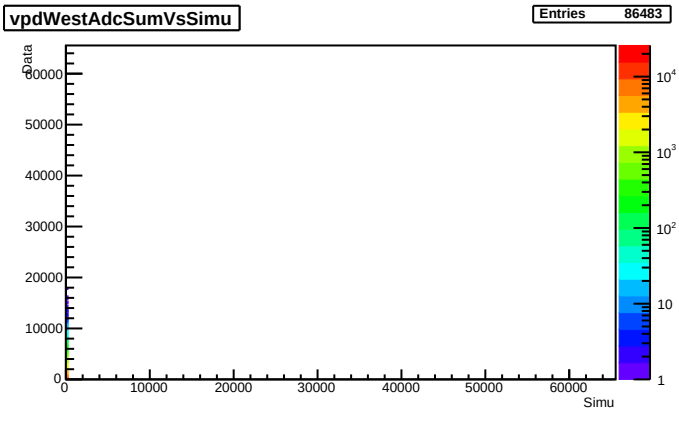

vpdEastAdcSum
Entries 114518

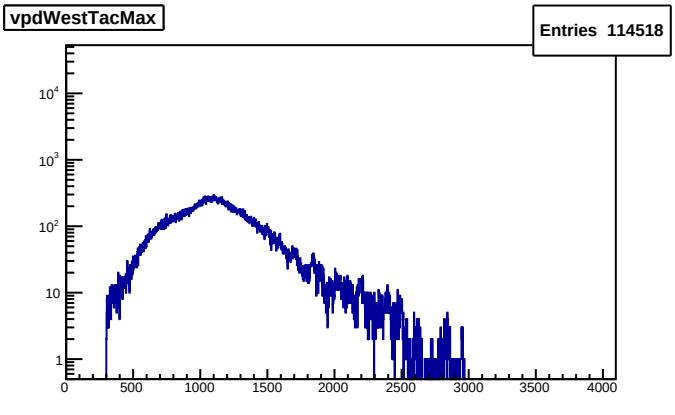

vpdEastAdcSumVsSimu
Entries 73543
Data
Simu

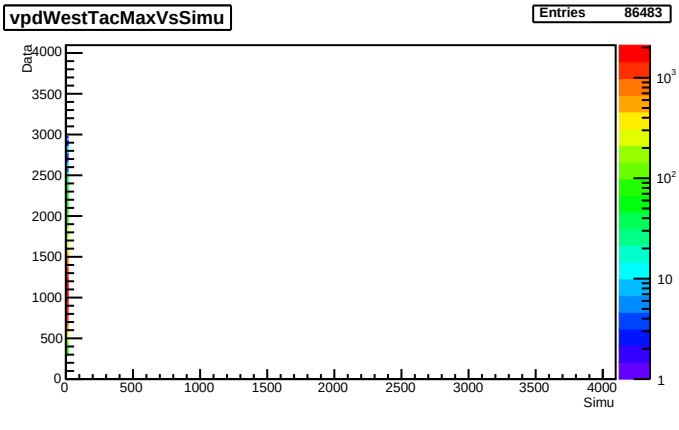

vpdEastTacMax
Entries 114518

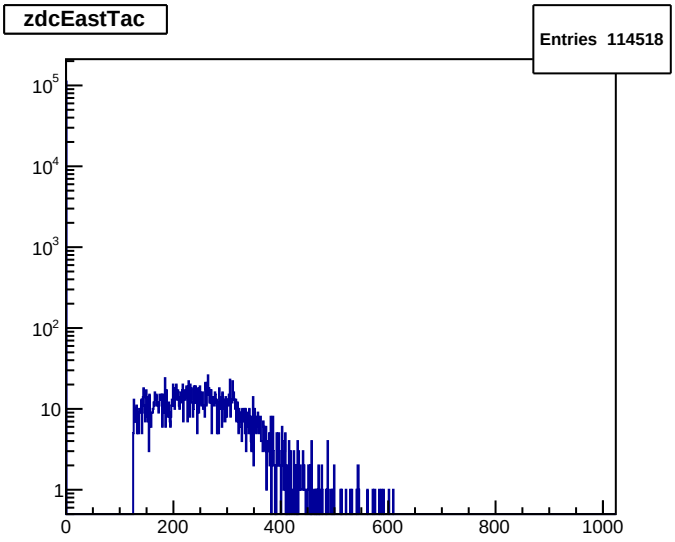

vpdEastTacMaxVsSimu
Entries 73543
Data
Simu

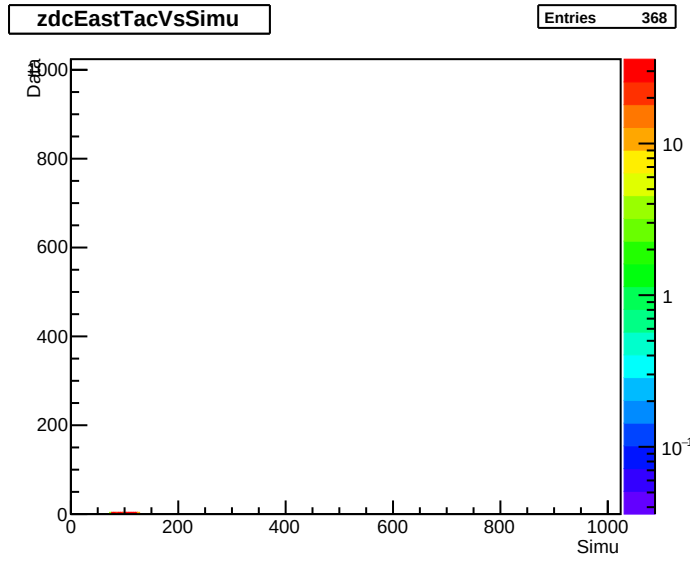

vpdWestAdcSum
Entries 114518

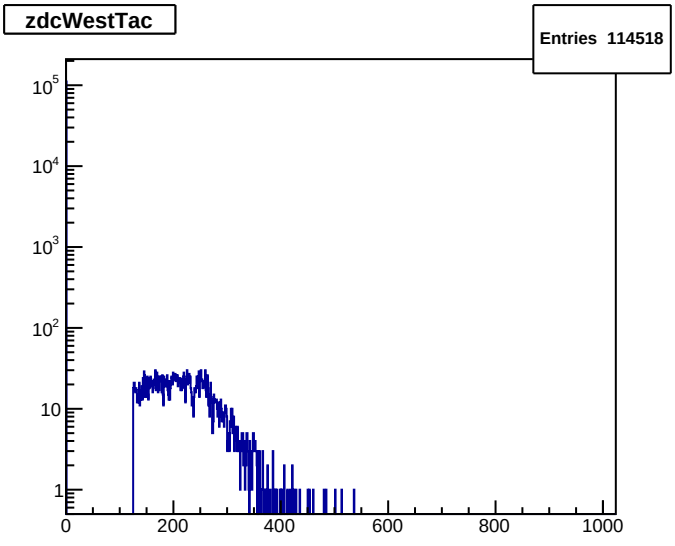

vpdWestAdcSumVsSimu
Entries 86483
Data
Simu

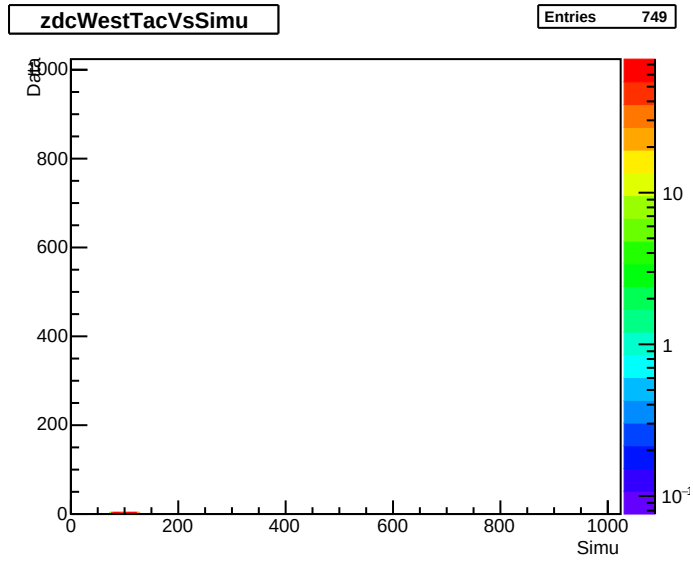

vpdWestTacMax
Entries 114518

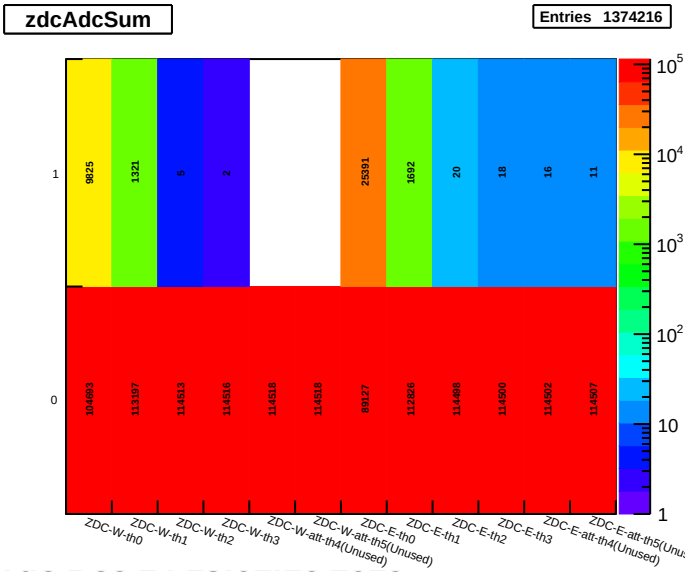

vpdWestTacMaxVsSimu
Entries 86483
Data
Simu

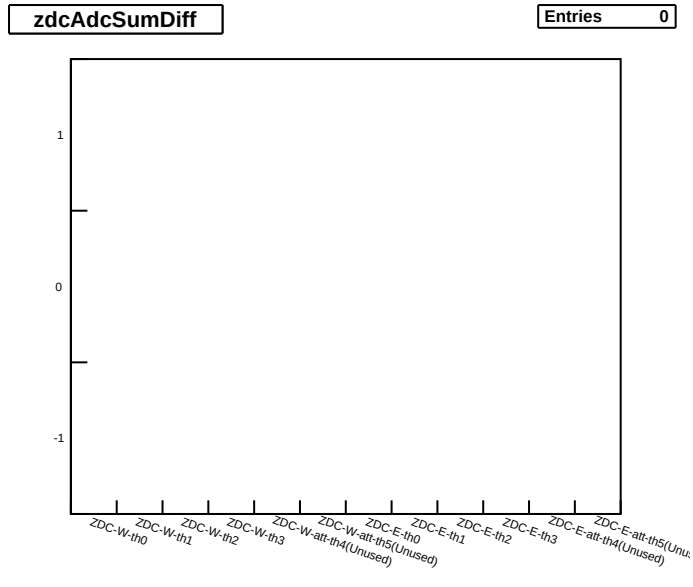

zdcEastTac
Entries 114518

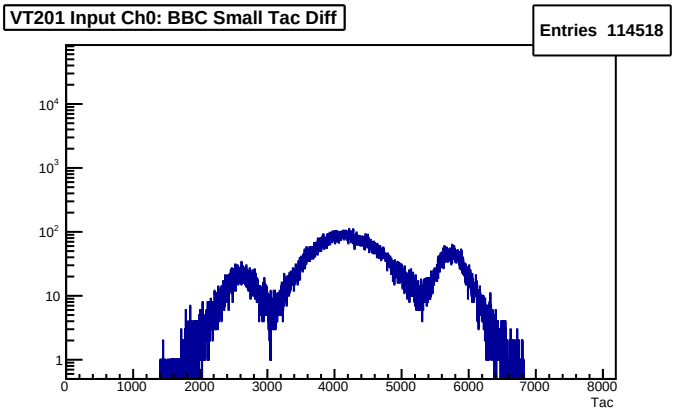

zdcEastTacVsSimu
Entries 368
Data
Simu

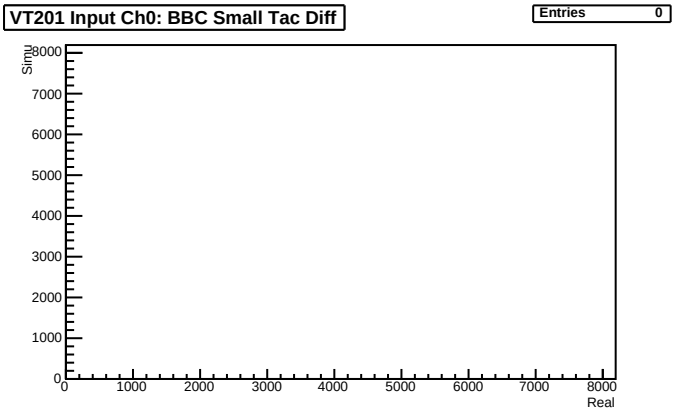

zdcWestTac
Entries 114518

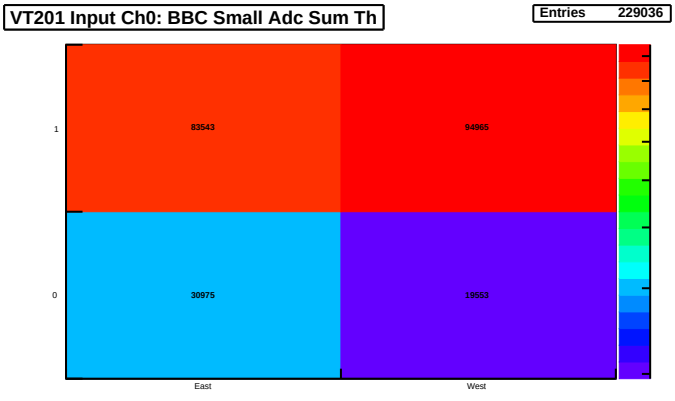

zdcWestTacVsSimu
Entries 749
Data
Simu

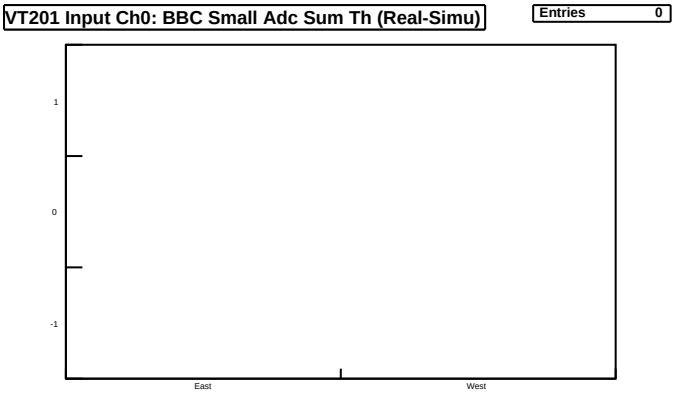

zdcAdcSum
Entries 1374216
9825
1321
5
2
25391
1692
20
18
16
11
104693
113197
114513
114516
114518
114518
89127
112826
114498
114500
114502
114507
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

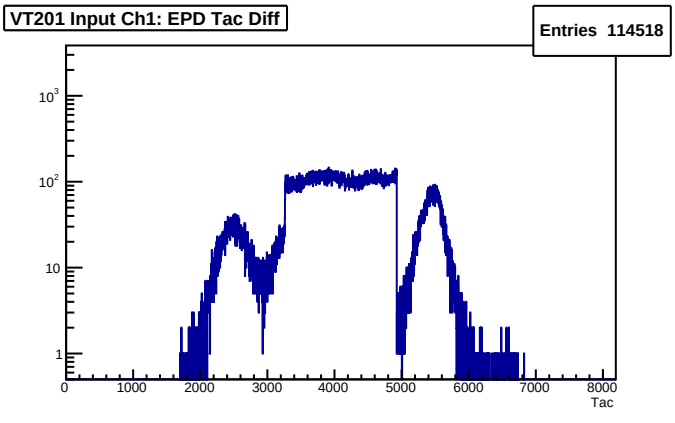

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

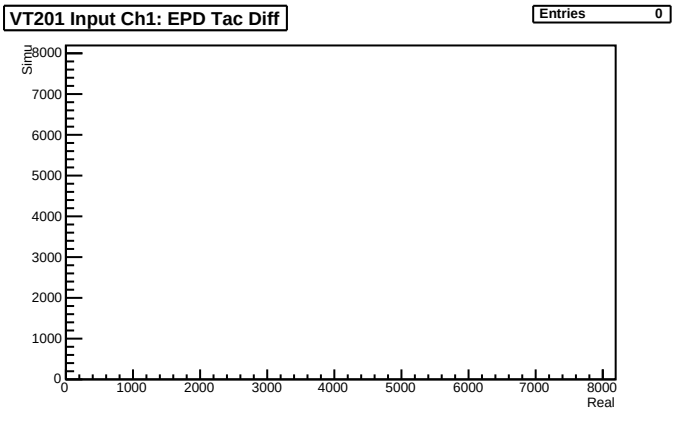

VT201 Input Ch0: BBC Small Tac Diff
Entries 114518
Tac

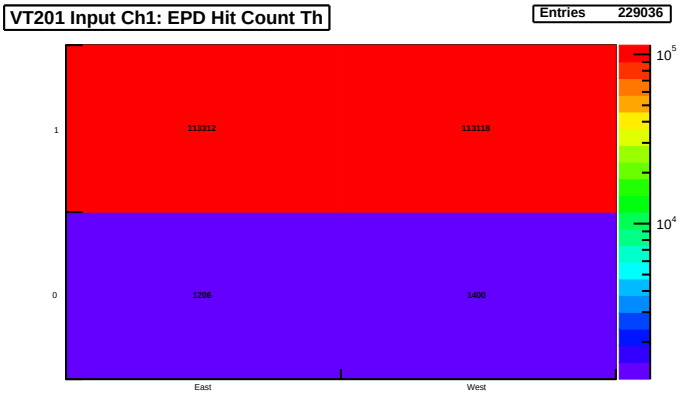

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

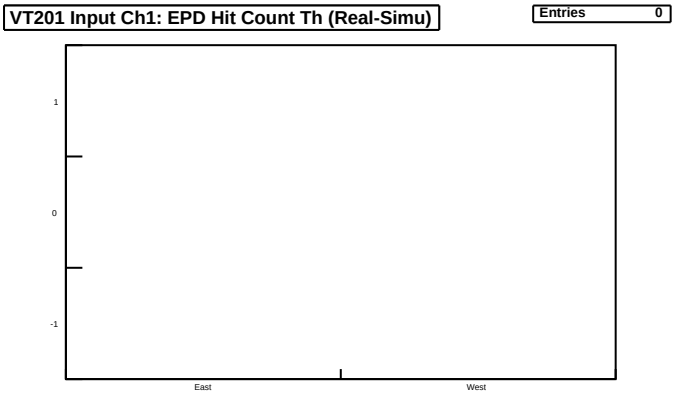

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 229036
83543
94965
30975
19553
East
West

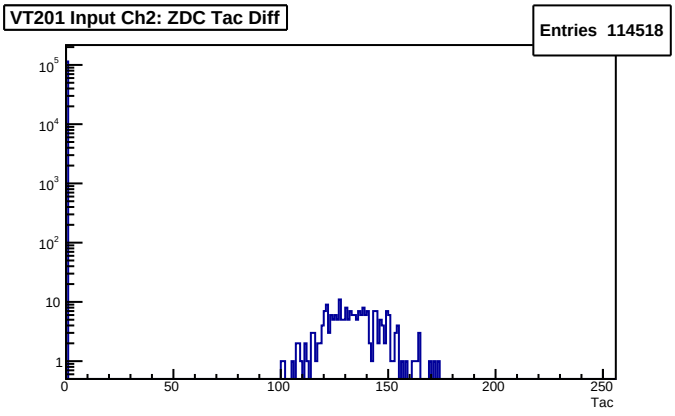

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

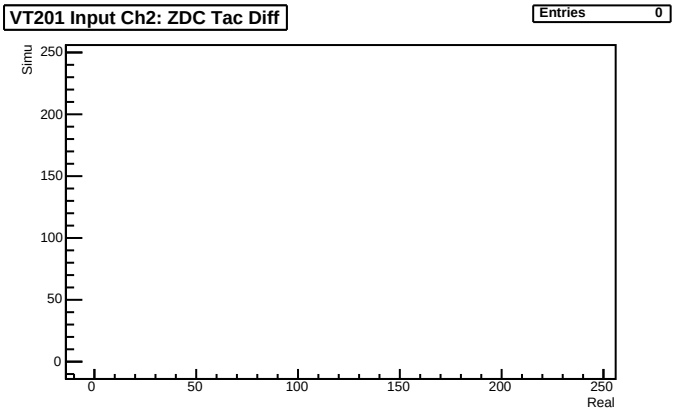

VT201 Input Ch1: EPD Tac Diff
Entries 114518
Tac

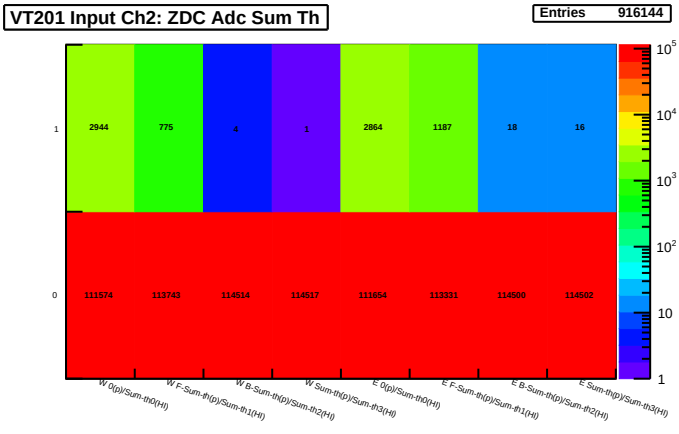

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

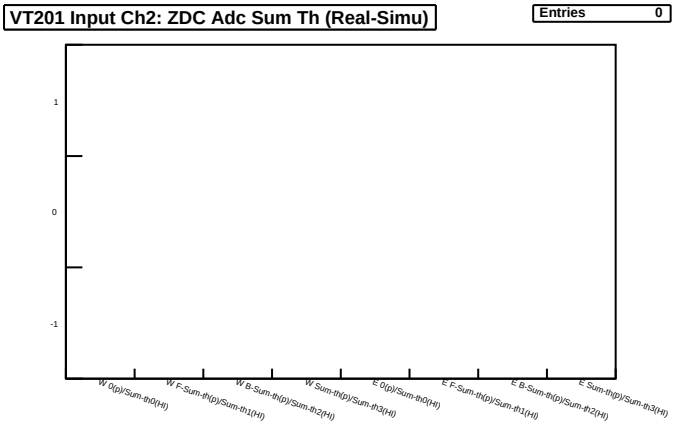

VT201 Input Ch1: EPD Hit Count Th
Entries 229036
113312
113118
1206
1400
East
West

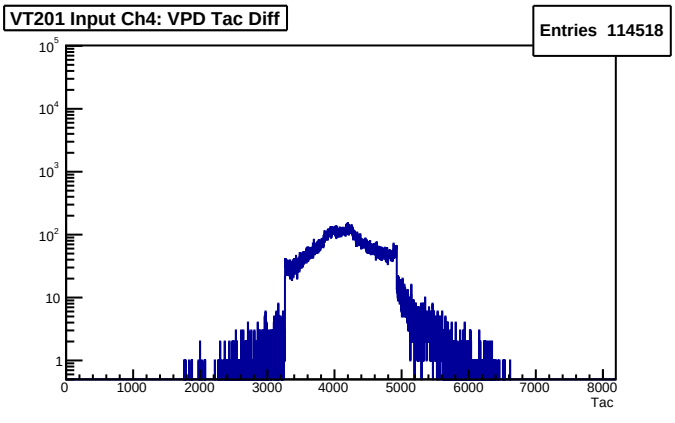

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

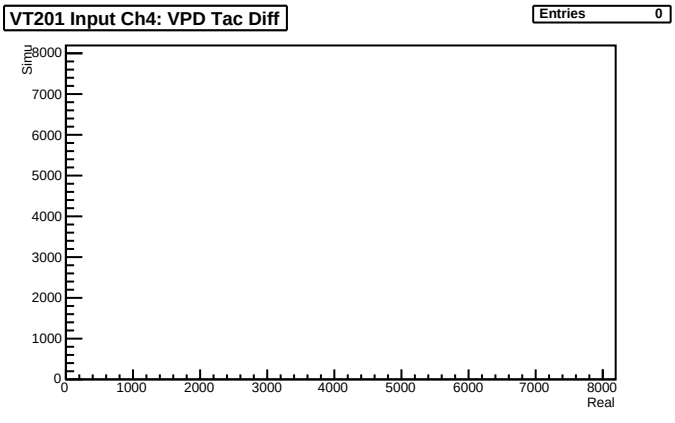

VT201 Input Ch2: ZDC Tac Diff
Entries 114518
Tac

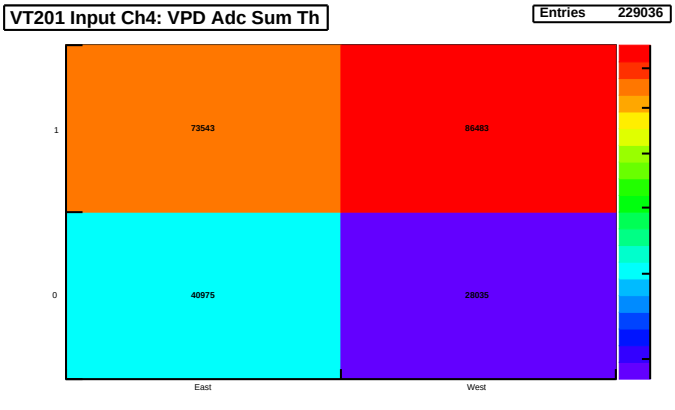

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

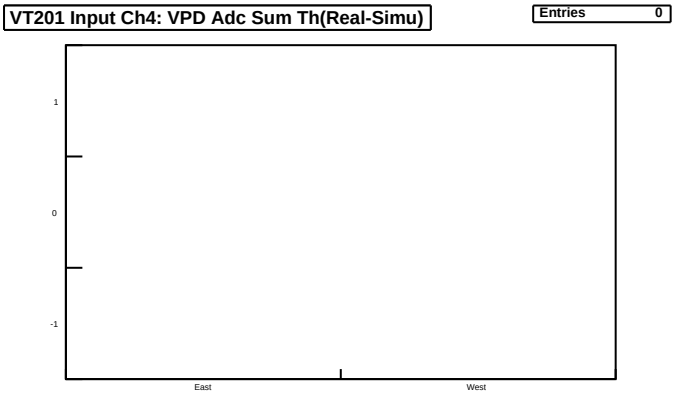

VT201 Input Ch2: ZDC Adc Sum Th
Entries 916144
2944
775
4
1
2864
1187
18
16
111574
113743
114514
114517
111654
113331
114500
114502
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

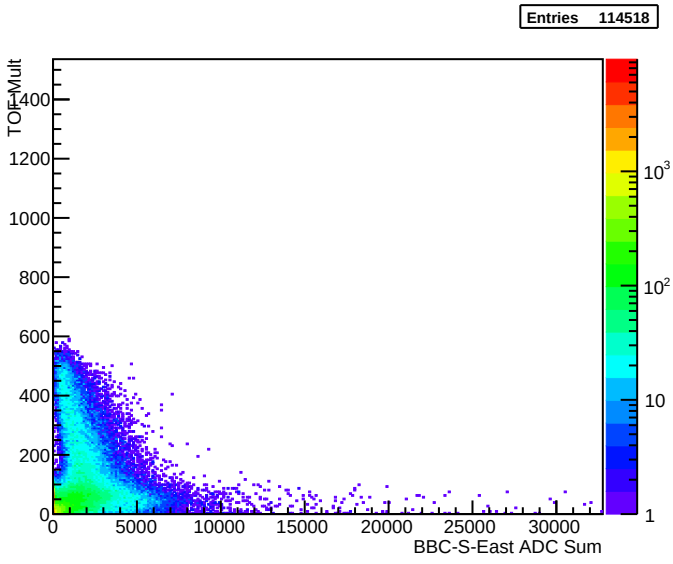

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

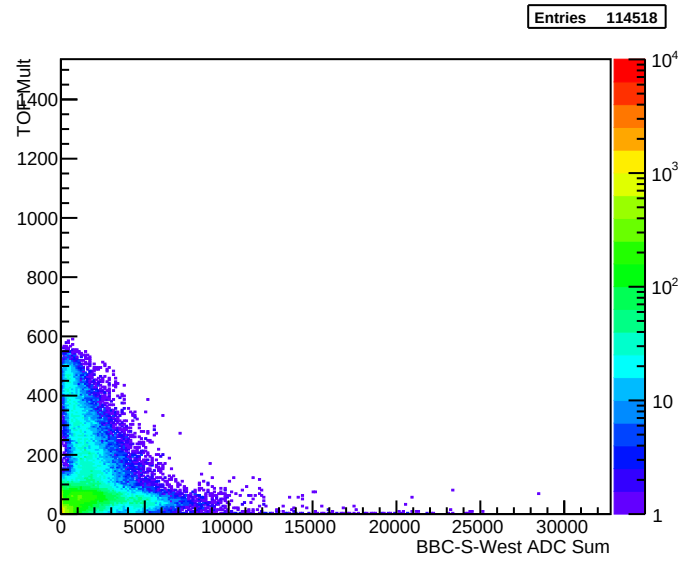

VT201 Input Ch4: VPD Tac Diff
Entries 114518
Tac

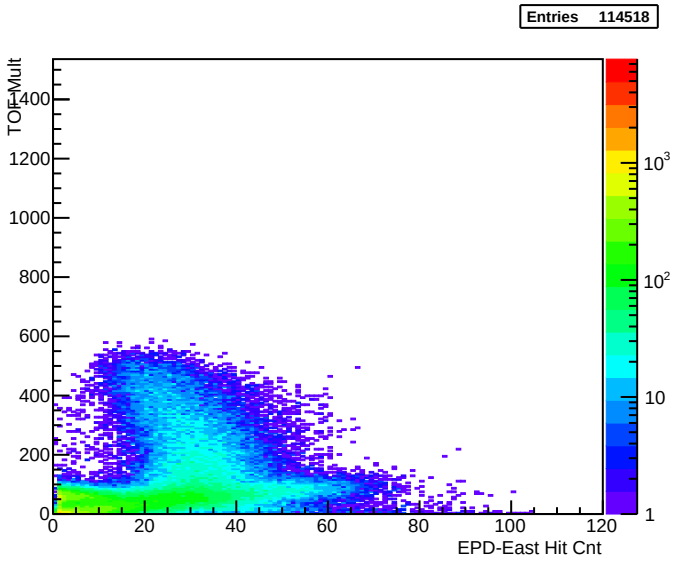

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

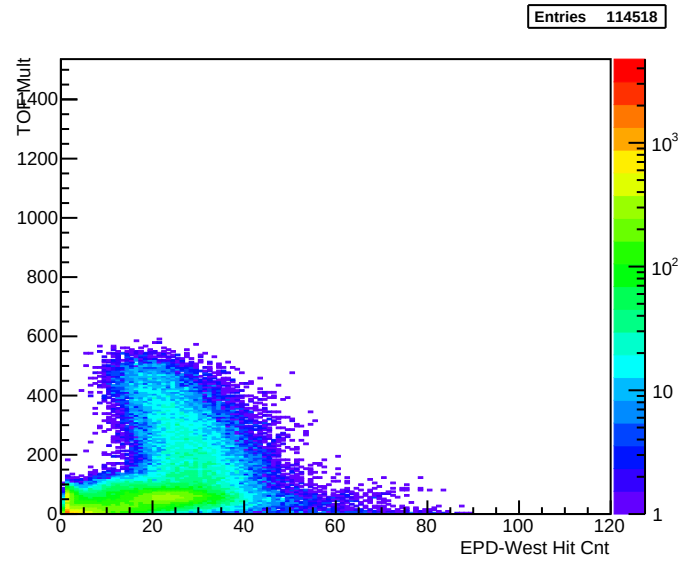

VT201 Input Ch4: VPD Adc Sum Th
Entries 229036
73543
86483
40975
28035
East
West

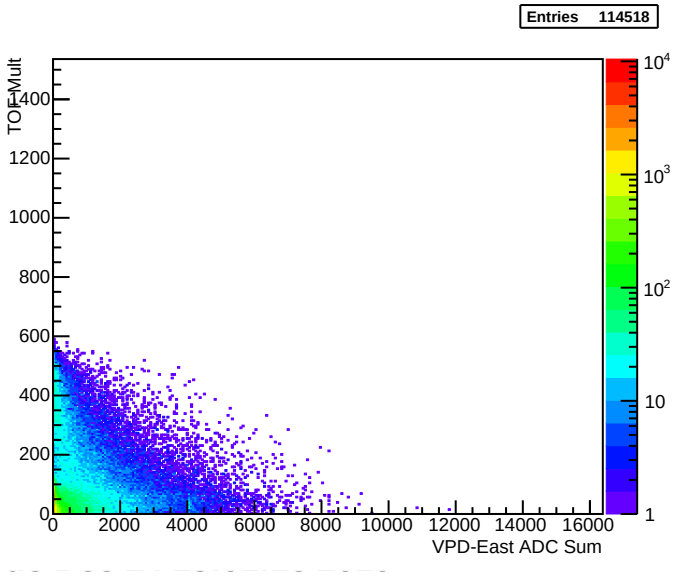

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

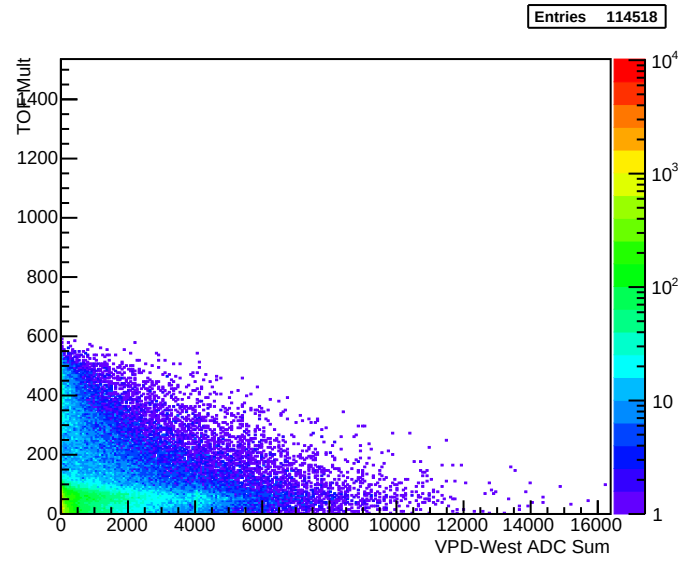

Entries 114518
TOF-Mult
BBC-S-East ADC Sum

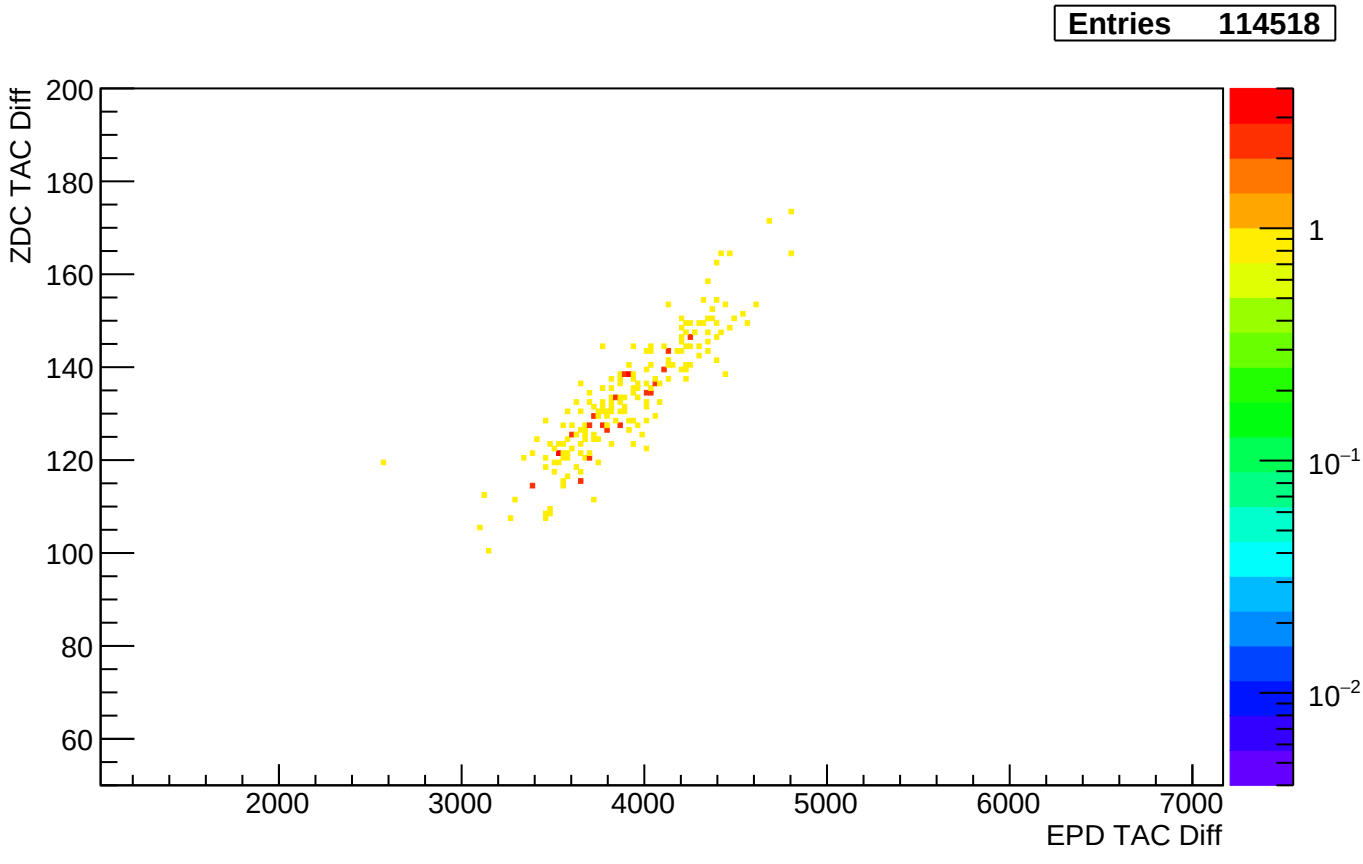

Entries 114518
TOF-Mult
BBC-S-West ADC Sum

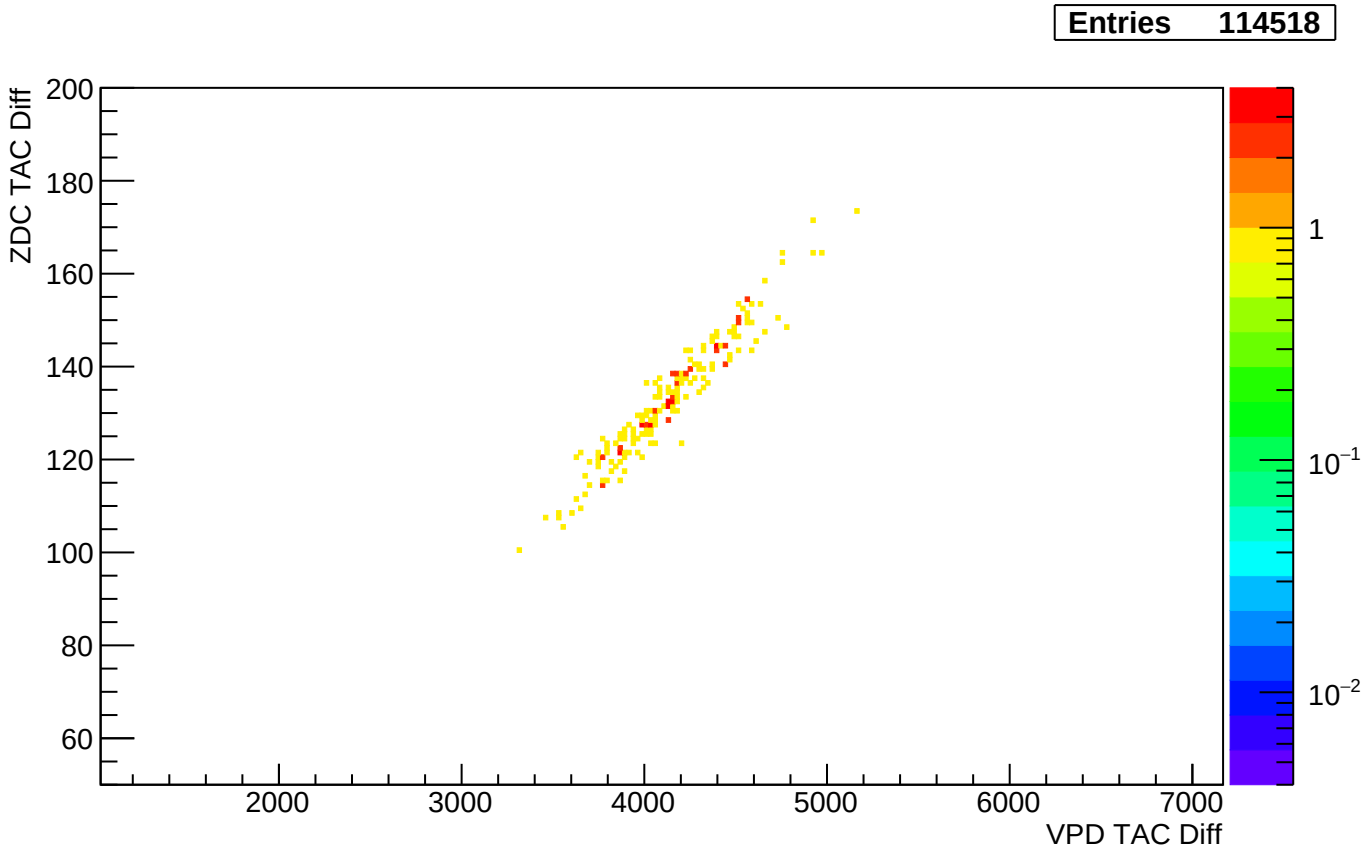

Entries 114518
TOF-Mult
EPD-East Hit Cnt

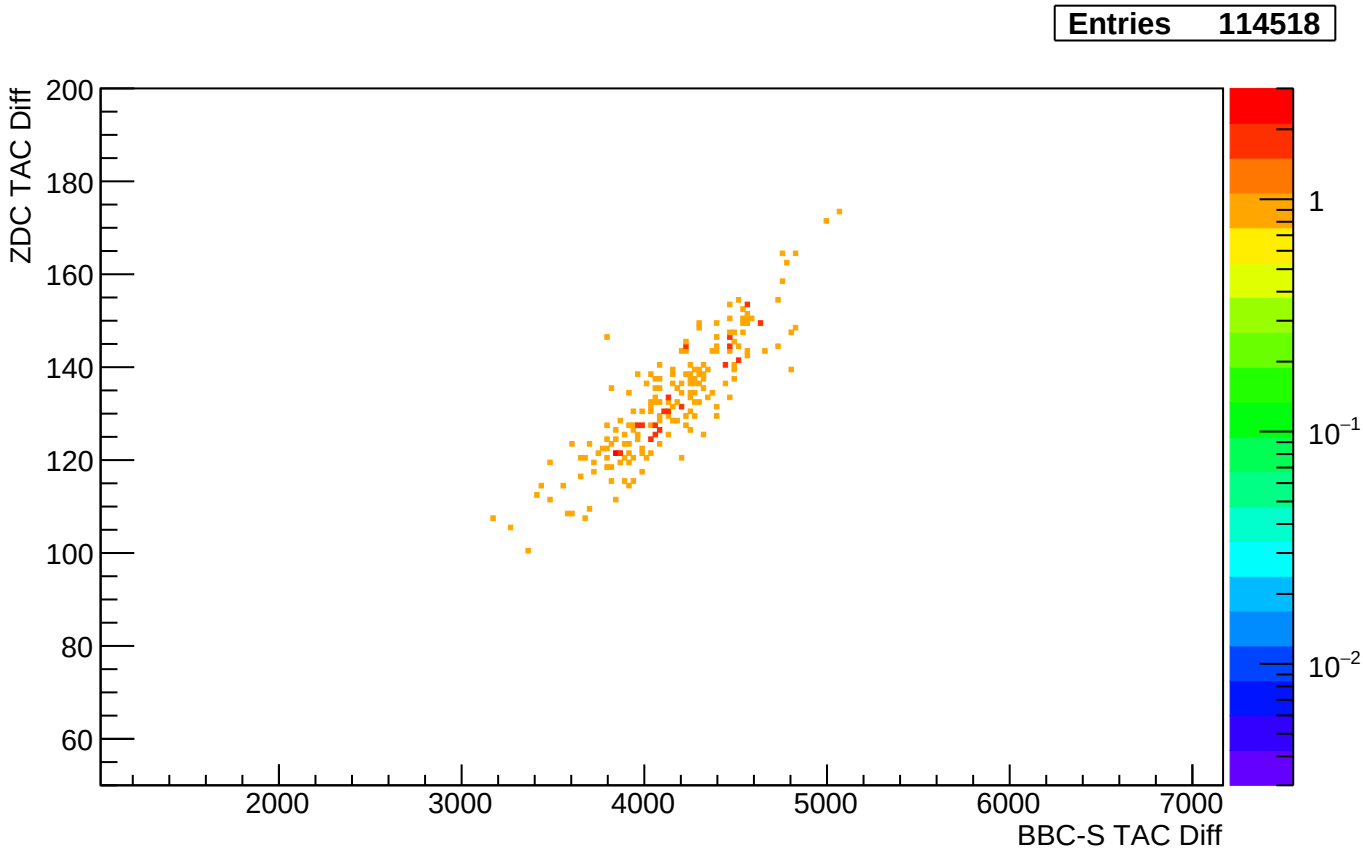

Entries 114518
TOF-Mult
EPD-West Hit Cnt

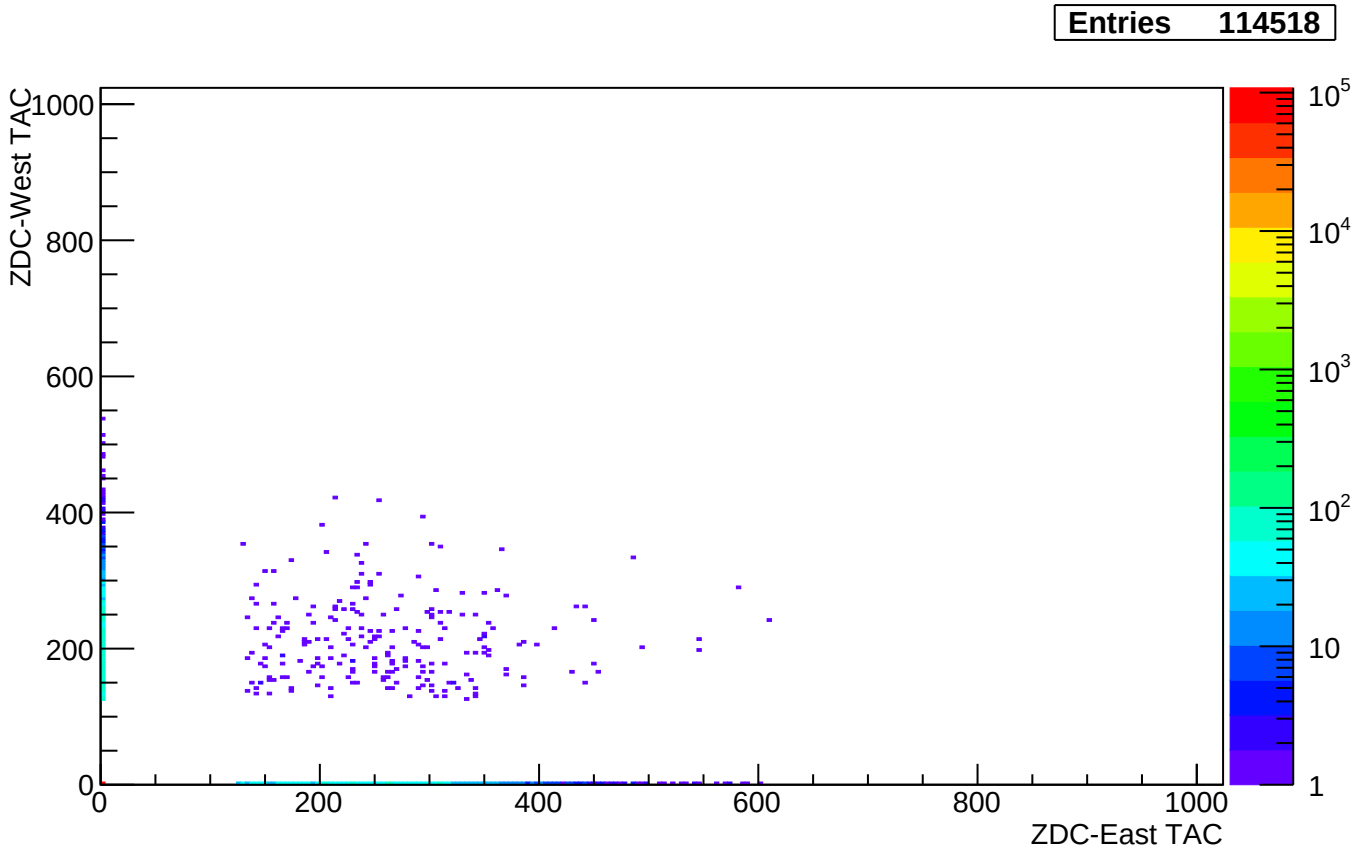

Entries 114518
TOF-Mult
VPD-East ADC Sum

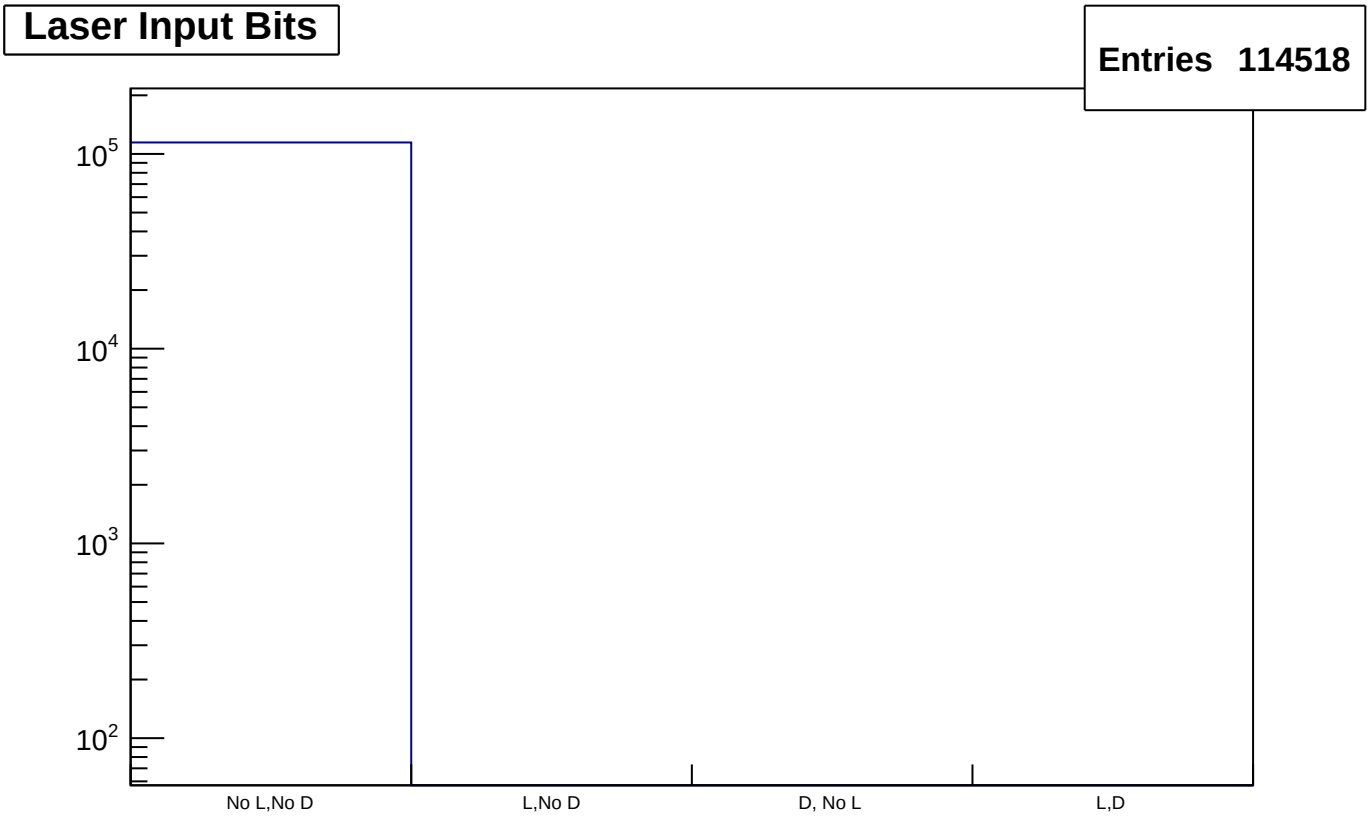

Entries 114518
TOF-Mult
VPD-West ADC Sum

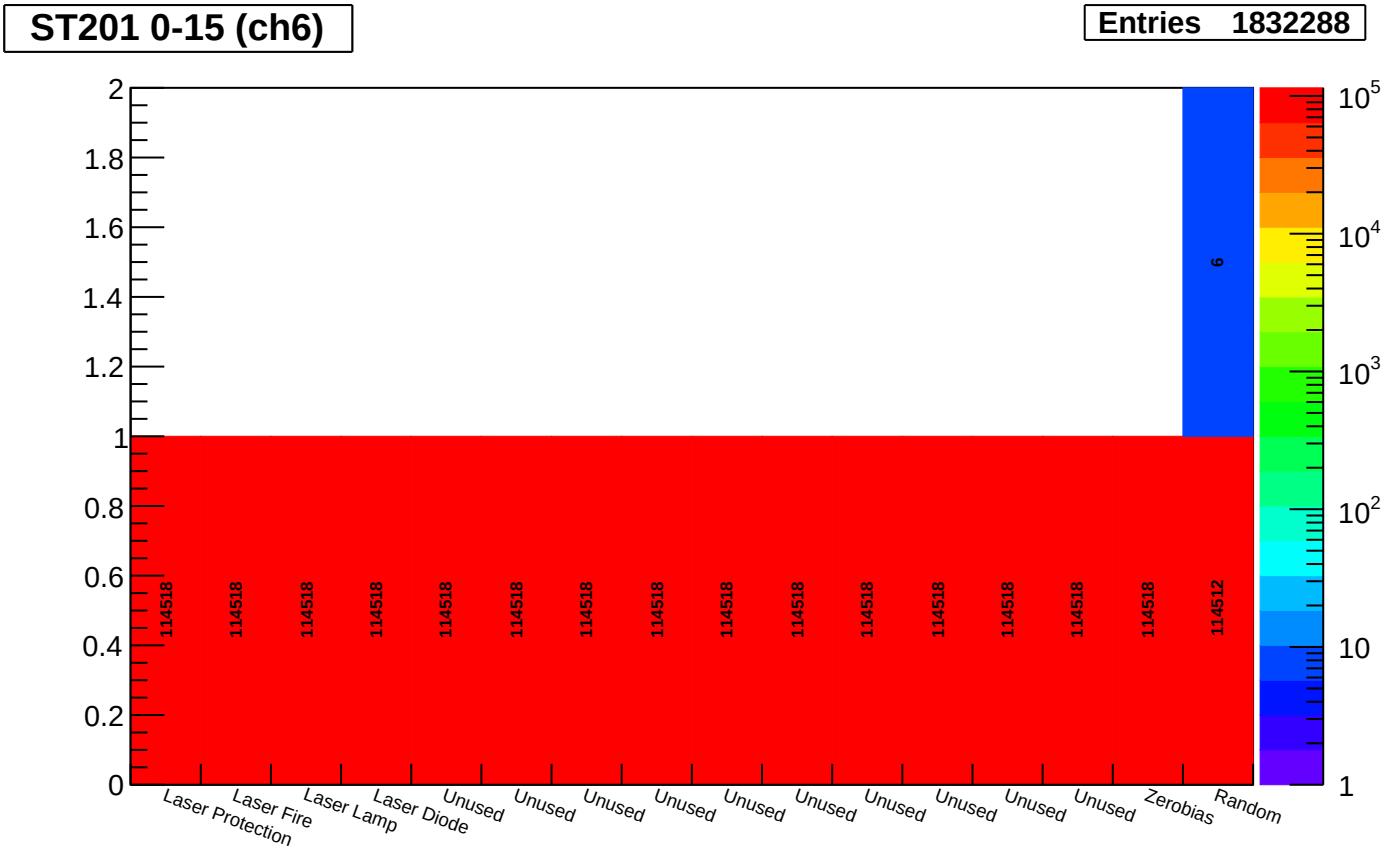

Entries 114518
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

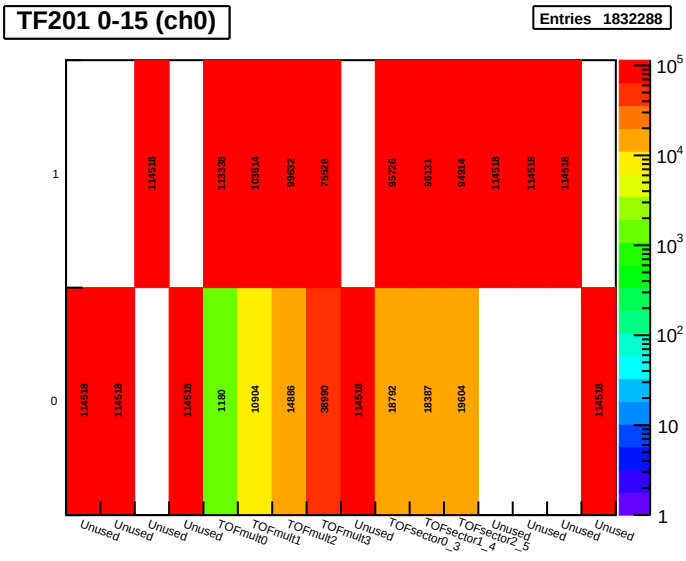

Entries 114518
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

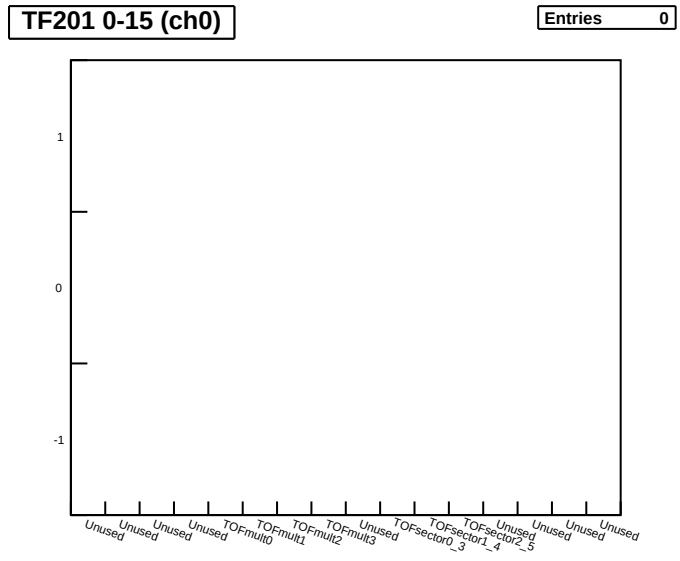

Entries 114518
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

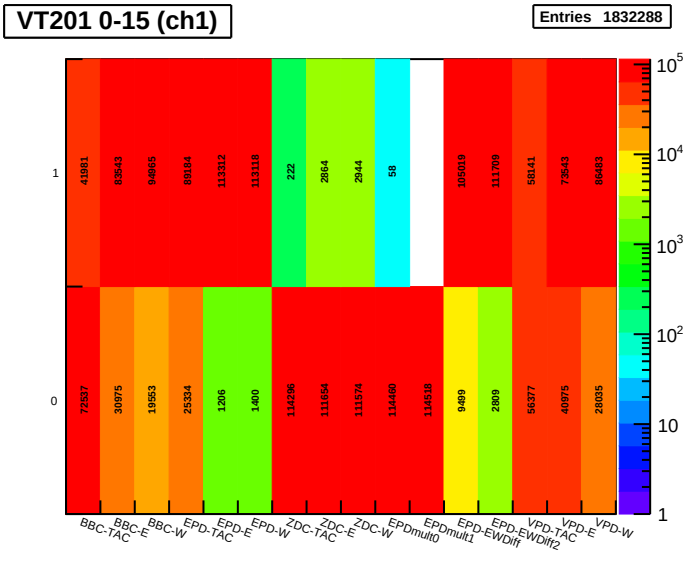

Entries 114518
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

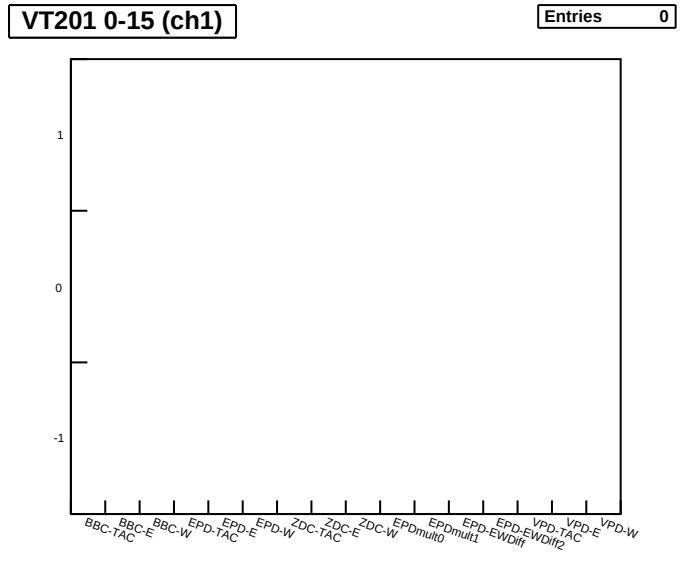

Laser Input Bits
Entries 114518
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

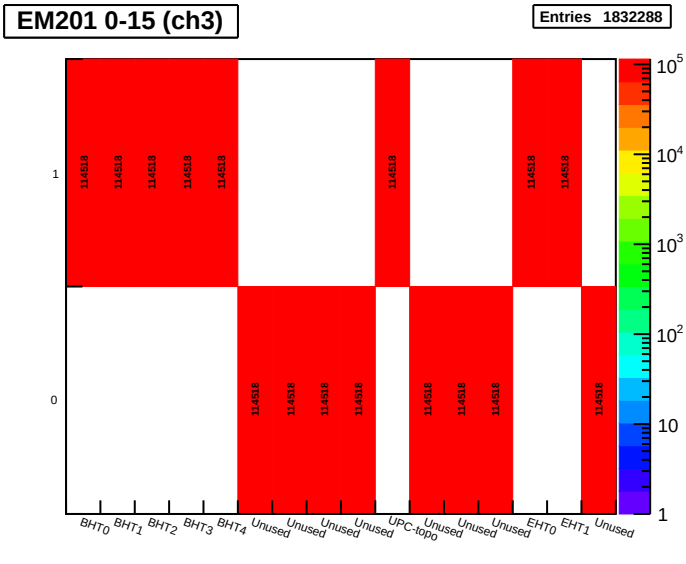

ST201 0-15 (ch6)
Entries 1832288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
114518
114518
114518
114518
114518
114518
114518
114518
114518
114518
114518
114518
114518
114518
114518
114512
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

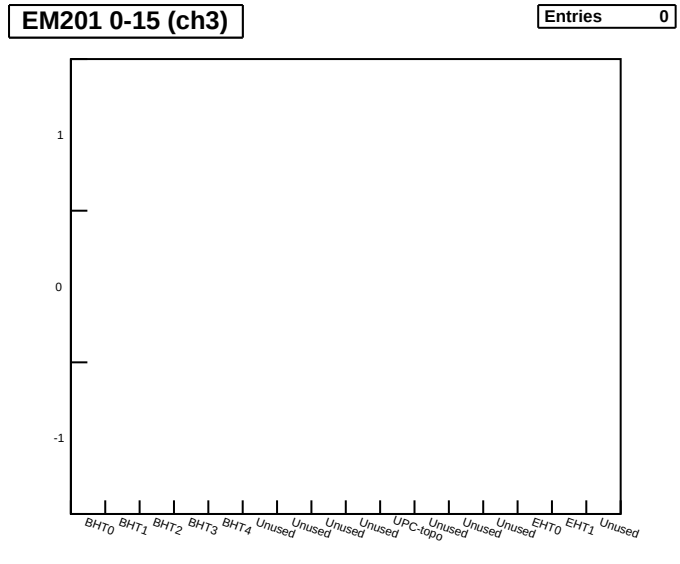

TF201 0-15 (ch0)
Entries 1832288
1
0
114518 114518 114518 114518 113330 103614 99632 75528 95726 96131 94914 114518 114518 114518
114518 114518 114518 1180 10904 14986 38990 114518 18792 18387 19604 114518
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 1832288
1
0
41981 83543 94665 89184 113312 113118 222 2864 2944 58 105019 111709 58141 73543 85483
72537 30975 19553 25334 1206 1400 114296 111654 111574 114460 114518 9499 2809 56377 40975 28035
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 1832288
1
0
114518 114518 114518 114518 114518 114518 114518 114518
114518 114518 114518 114518 114518 114518 114518 114518
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