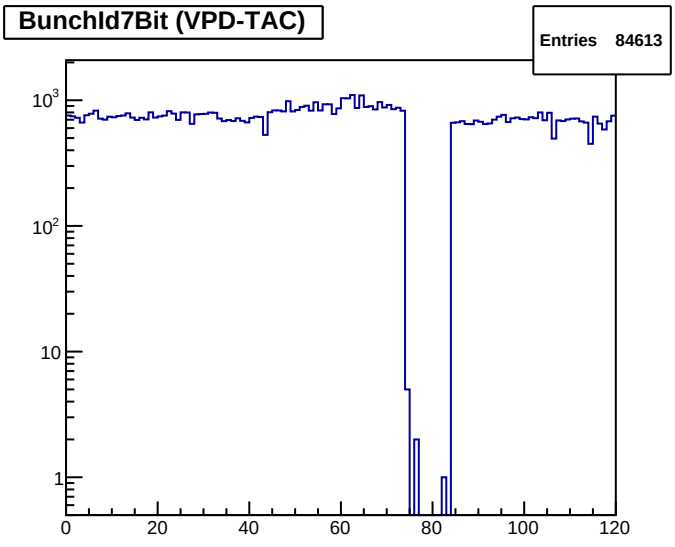
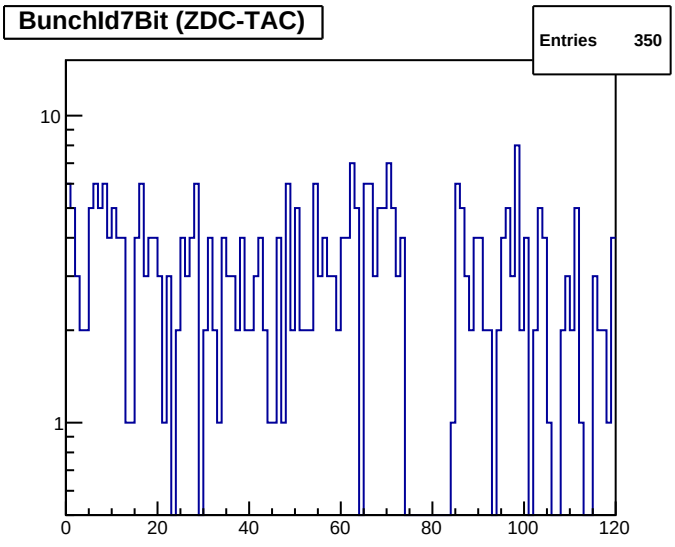
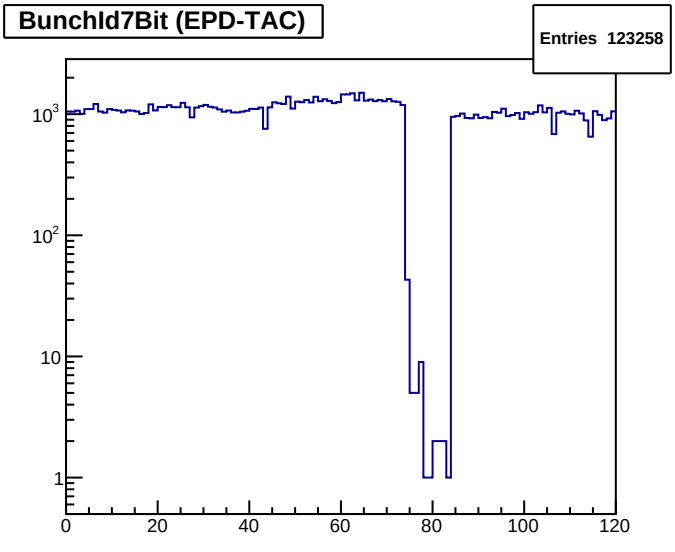
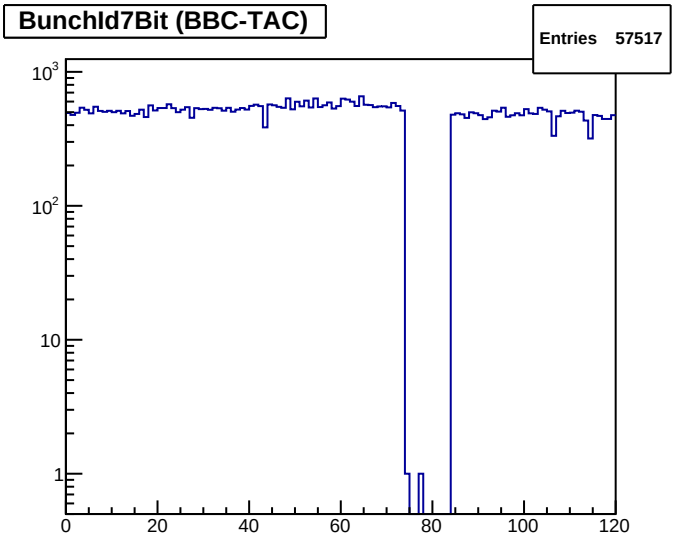
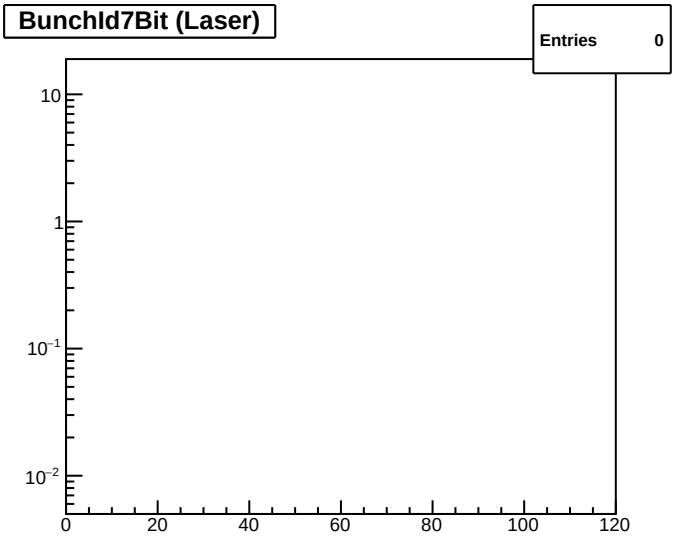
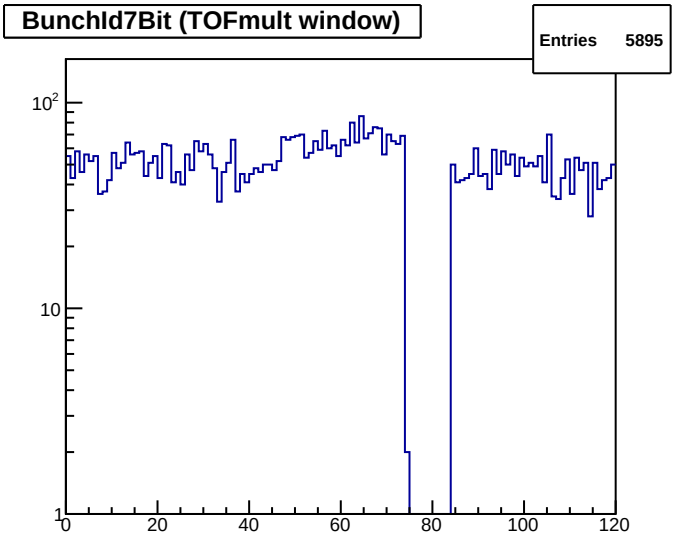

BunchId7Bit (VPD-TAC)
Entries 84613

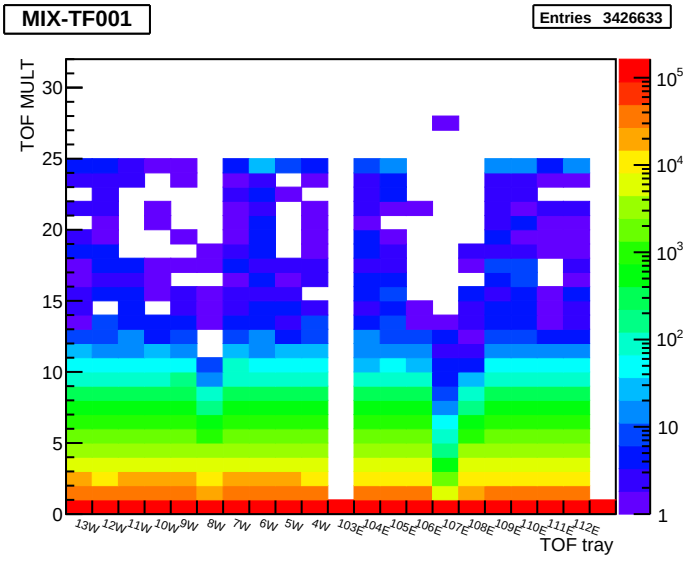

BunchId7Bit (ZDC-TAC)
Entries 350

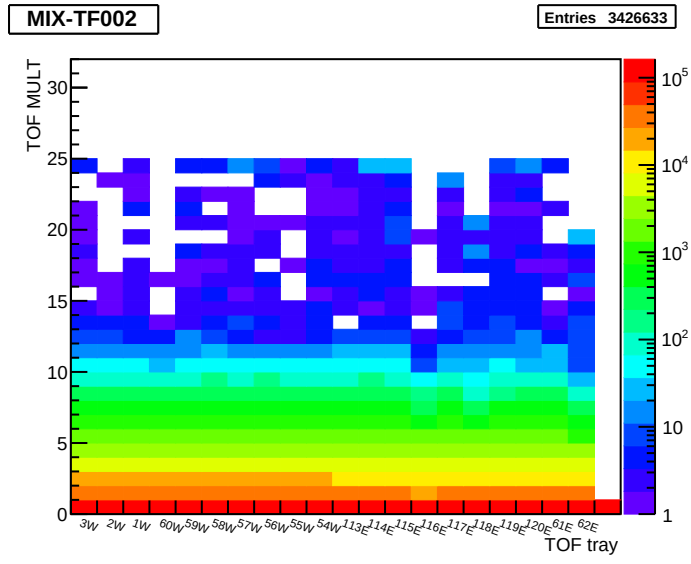

BunchId7Bit (EPD-TAC)
Entries 123258

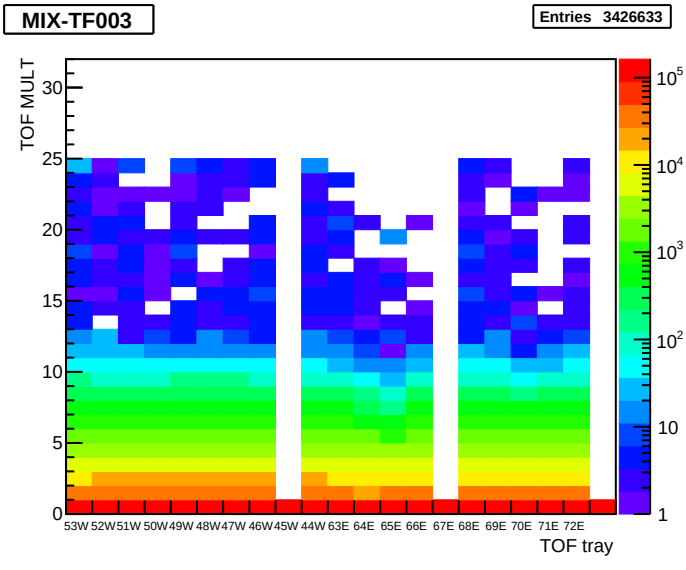

BunchId7Bit (BBC-TAC)
Entries 57517

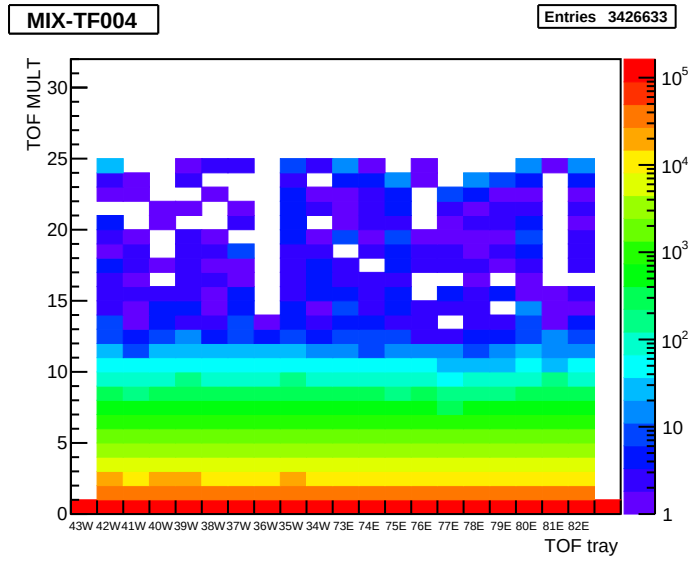

BunchId7Bit (Laser)
Entries 0

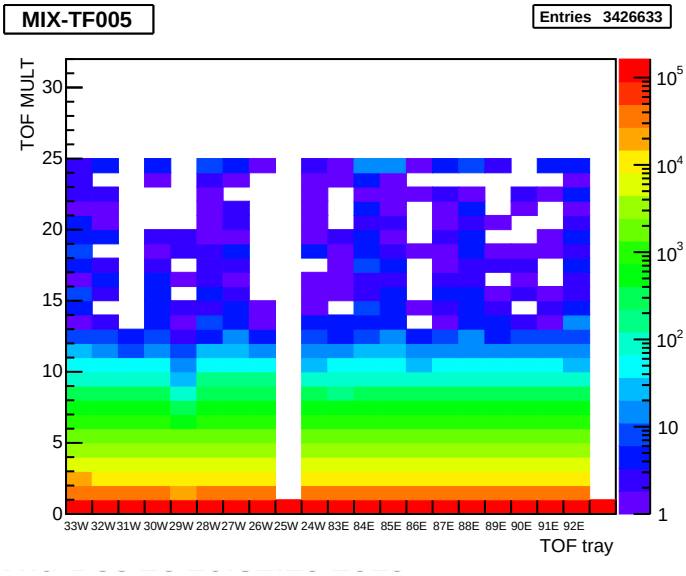

BunchId7Bit (TOFmult window)
Entries 5895

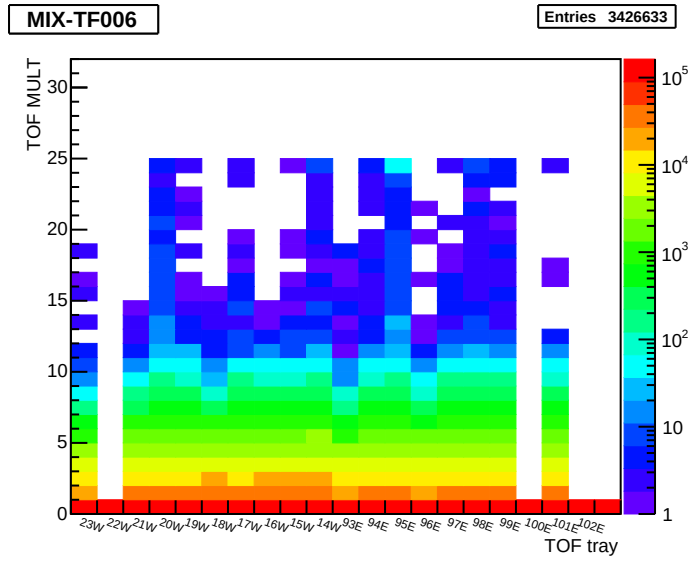

MIX-TF001
Entries 3426633
TOF MULT
TOF tray

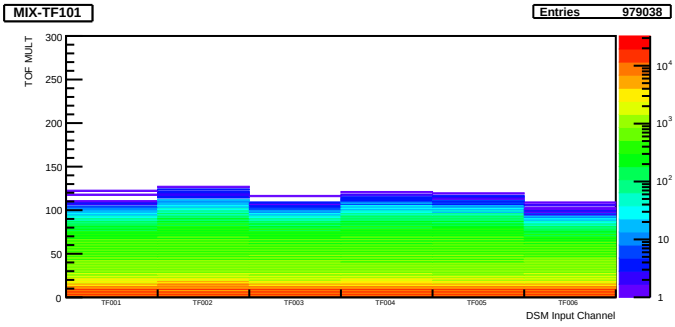

MIX-TF002
Entries 3426633
TOF MULT
TOF tray

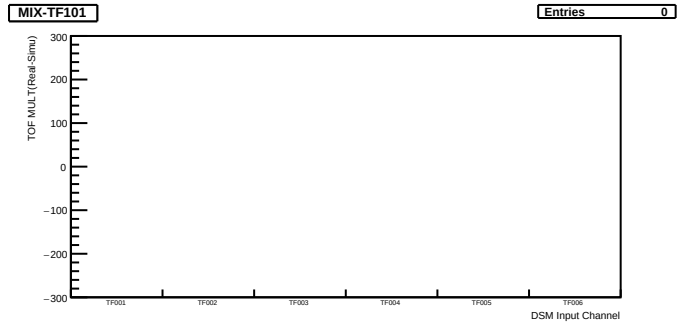

MIX-TF003
Entries 3426633
TOF MULT
TOF tray

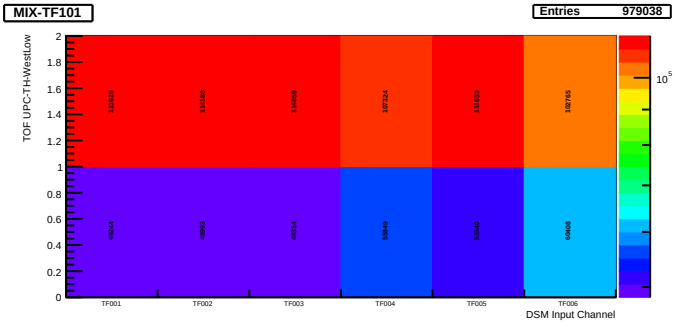

MIX-TF004
Entries 3426633
TOF MULT
TOF tray

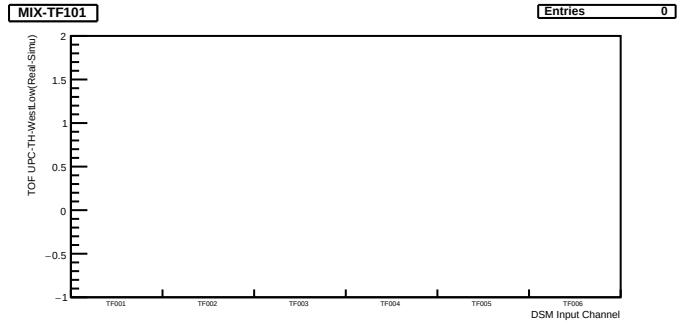

MIX-TF005
Entries 3426633
TOF MULT
TOF tray

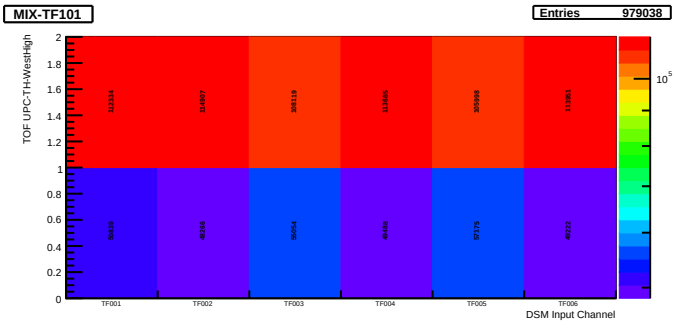

MIX-TF006
Entries 3426633
TOF MULT
TOF tray

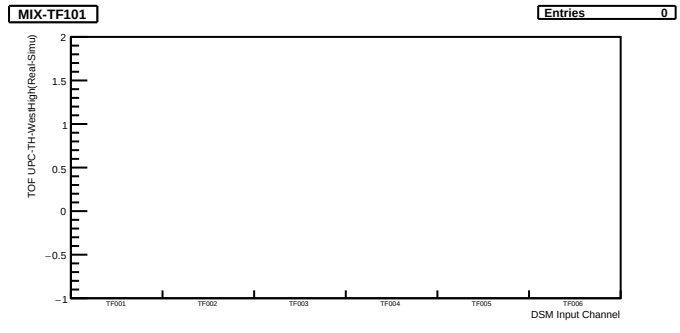

MIX-TF101
Entries 979038
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

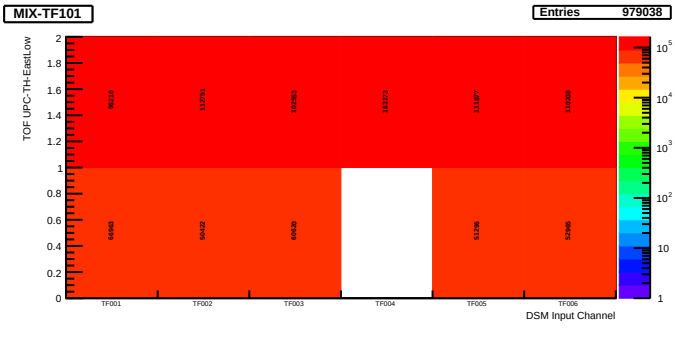

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

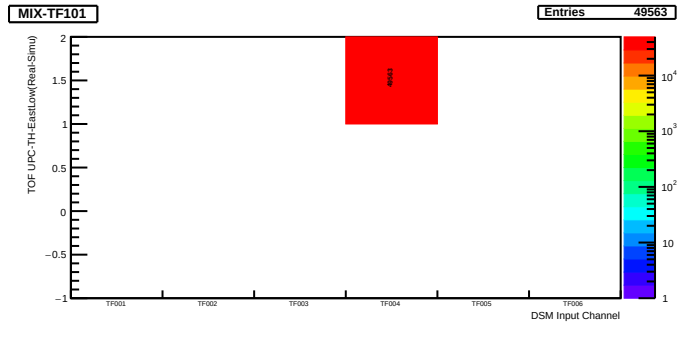

MIX-TF101
Entries 979038
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

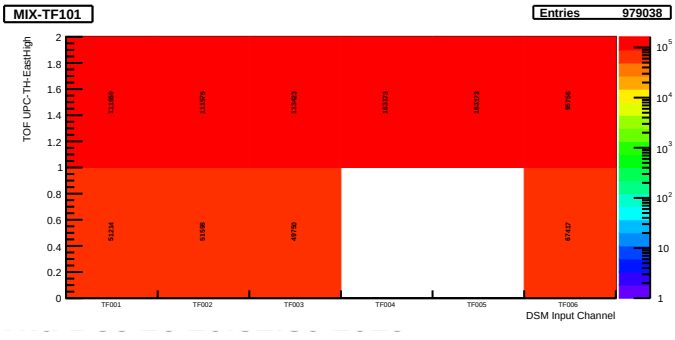

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

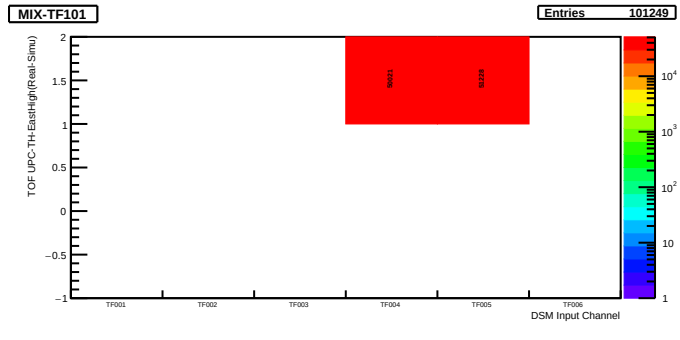

MIX-TF101
Entries 979038
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

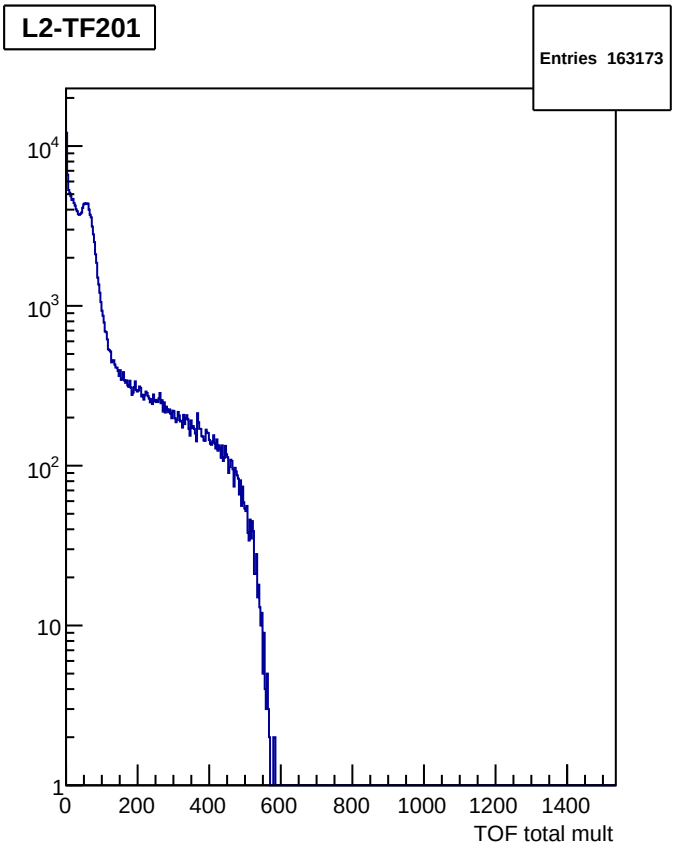

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

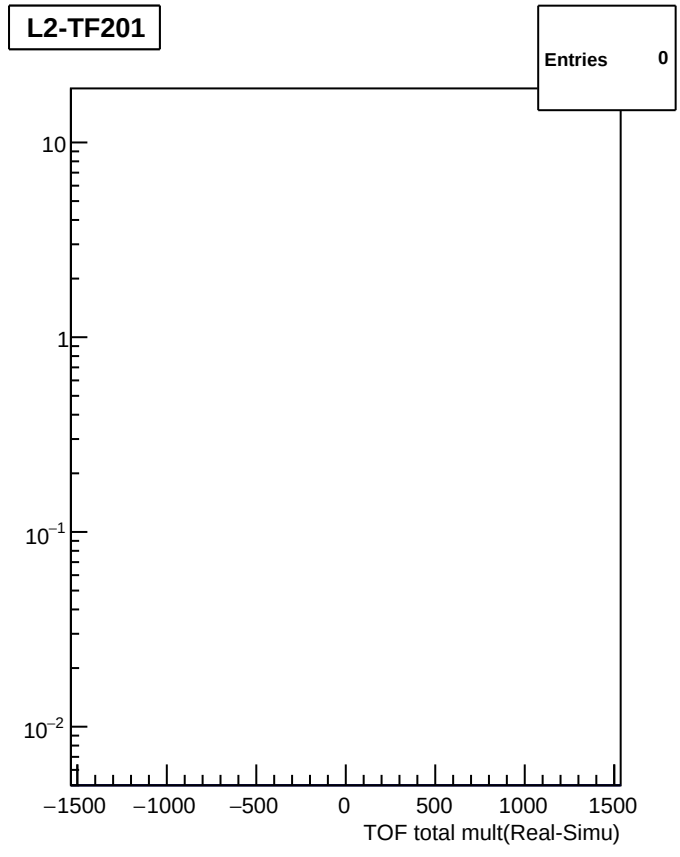

MIX-TF101
Entries 979038
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

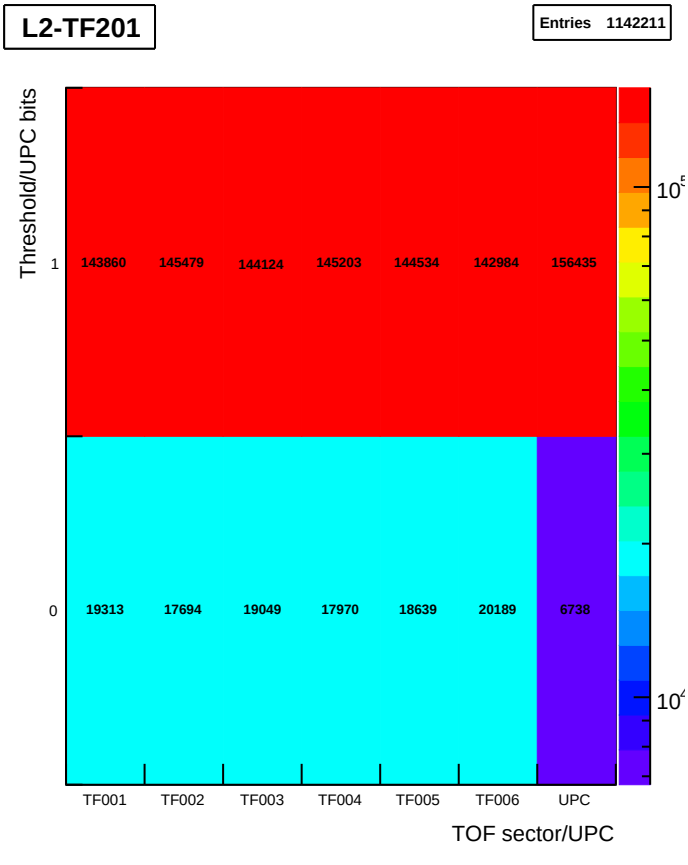

MIX-TF101
Entries 49563
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

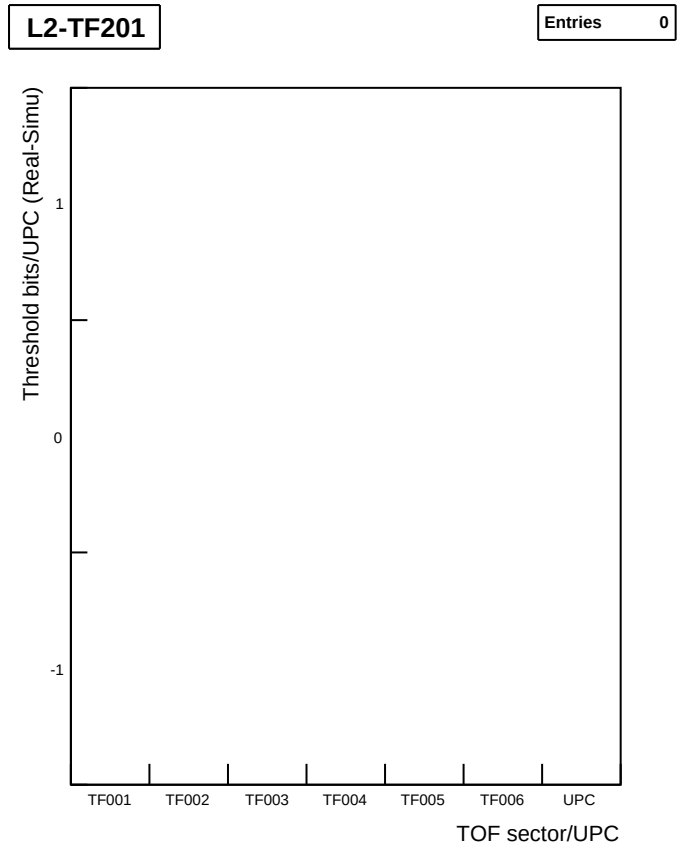

MIX-TF101
Entries 979038
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

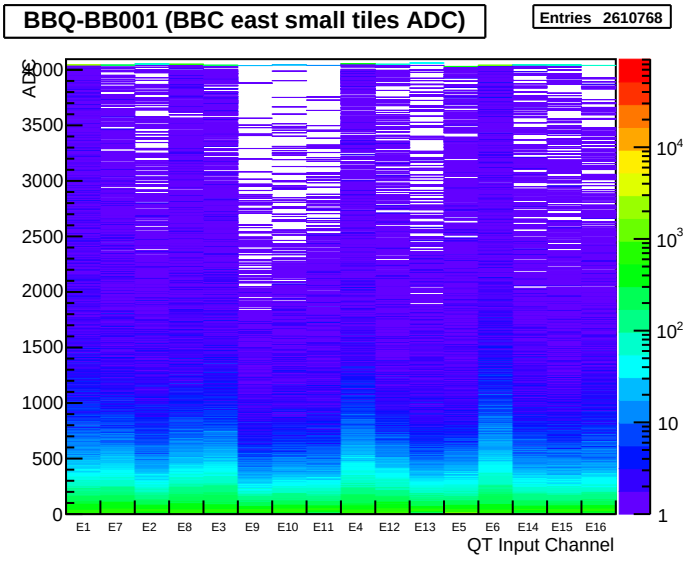

MIX-TF101
Entries 101249
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

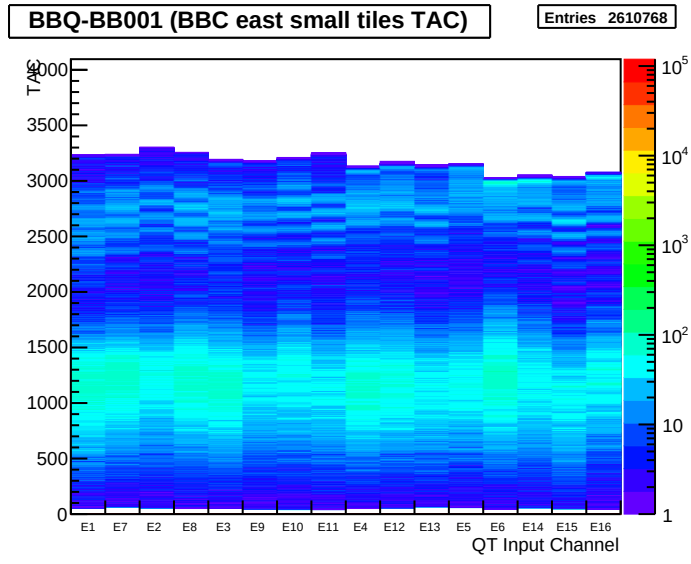

L2-TF201
Entries 163173
TOF total mult

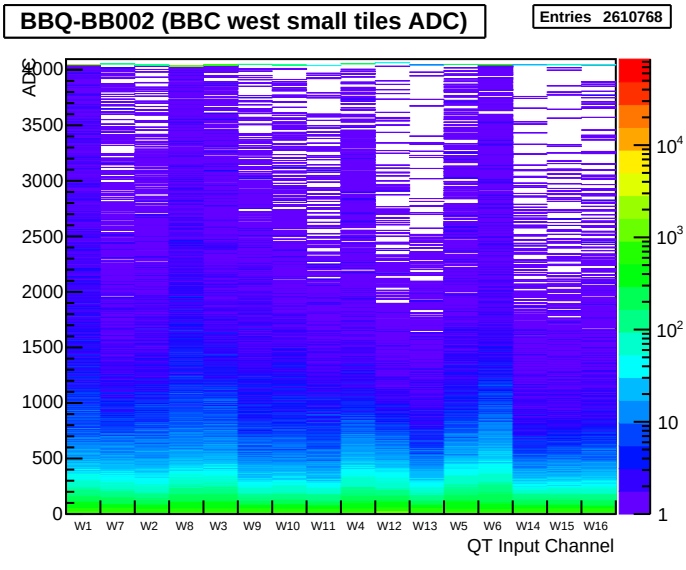

L2-TF201
Entries 0
TOF total mult(Real-Simu)

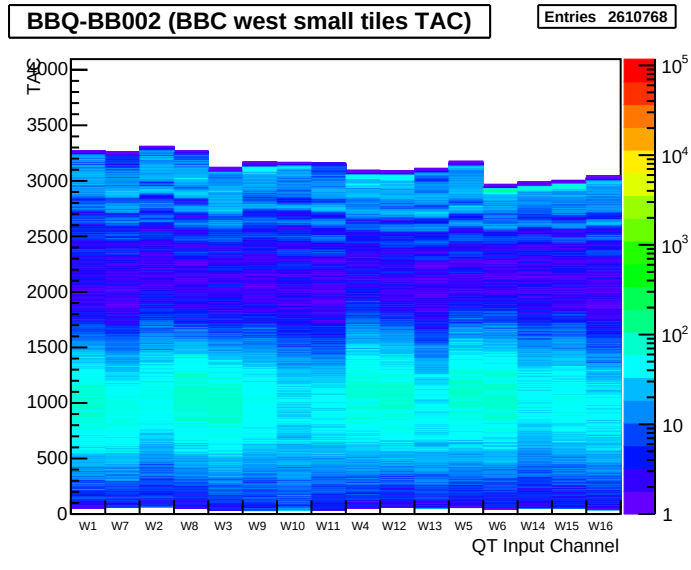

L2-TF201
Entries 1142211
Threshold/UPC bits
143860
145479
144124
145203
144534
142984
156435
19313
17694
19049
17970
18639
20189
6738
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

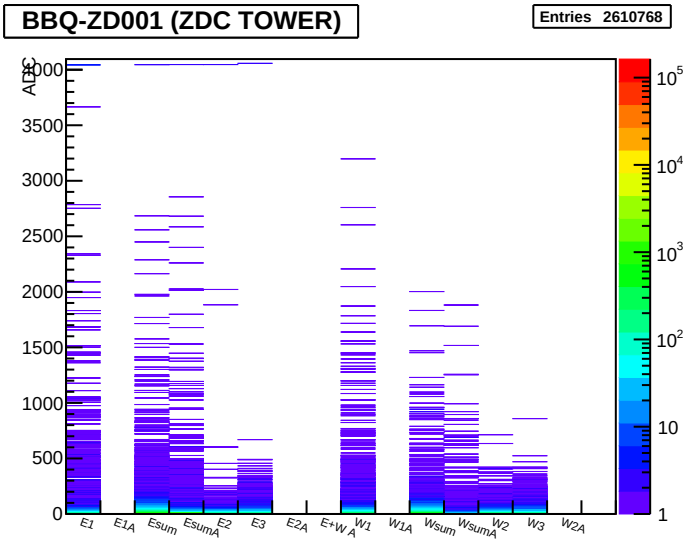

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

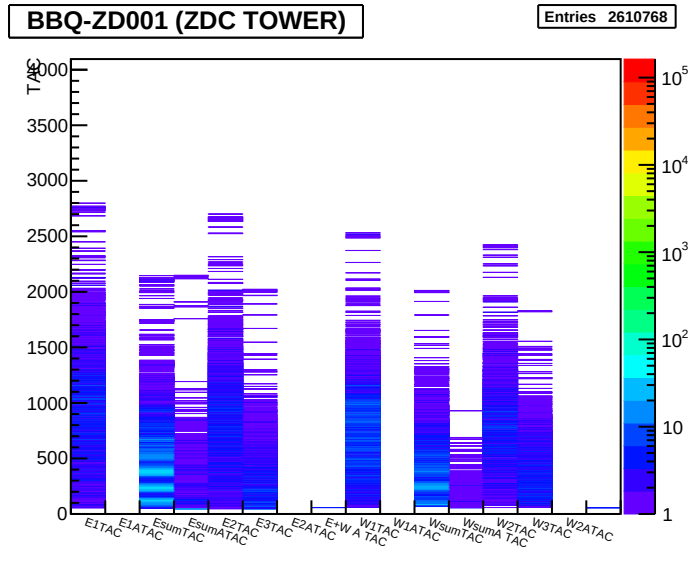

BBQ-BB001 (BBC east small tiles ADC)
Entries 2610768
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

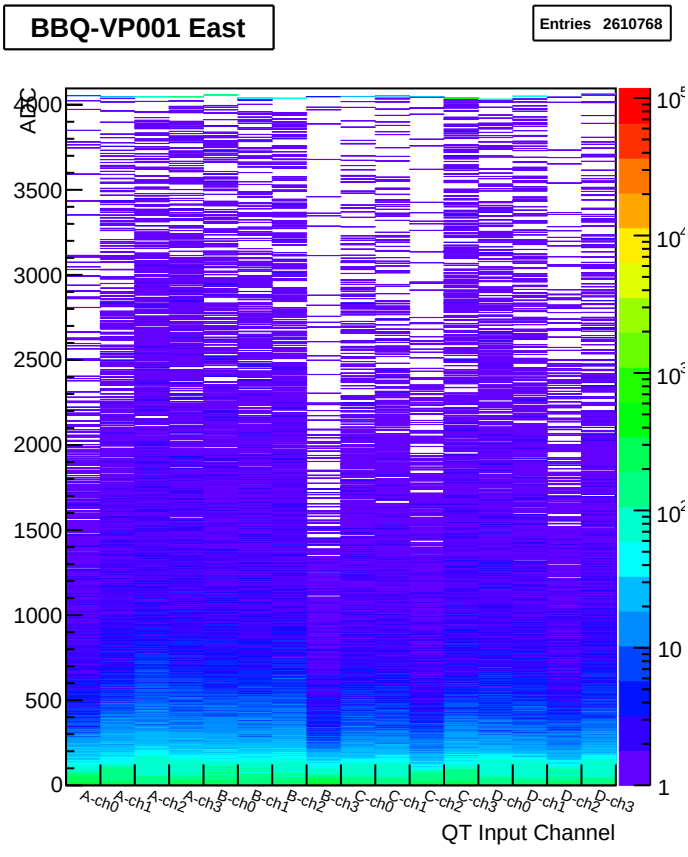

BBQ-BB001 (BBC east small tiles TAC)
Entries 2610768
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

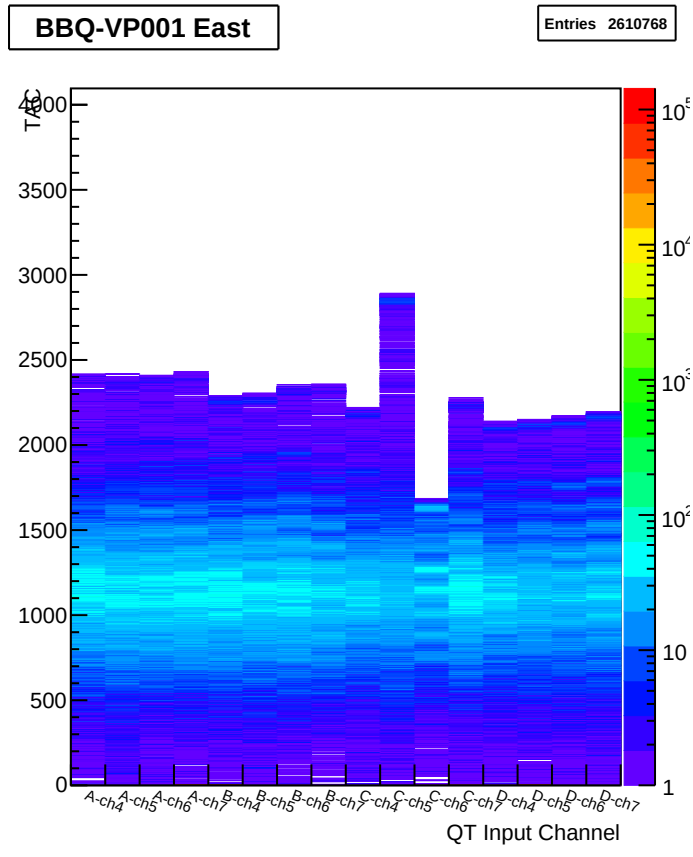

BBQ-BB002 (BBC west small tiles ADC)
Entries 2610768
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

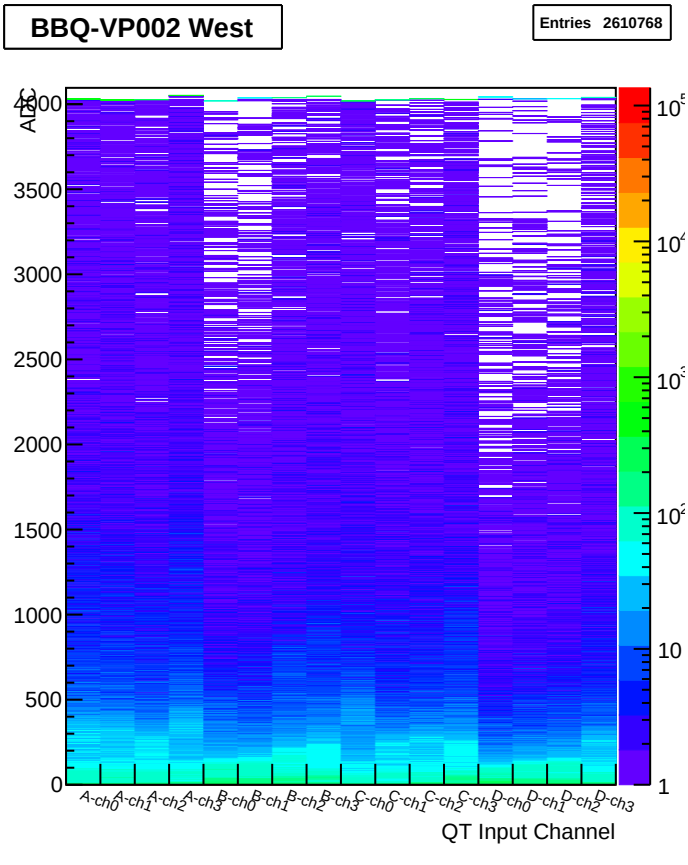

BBQ-BB002 (BBC west small tiles TAC)
Entries 2610768
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

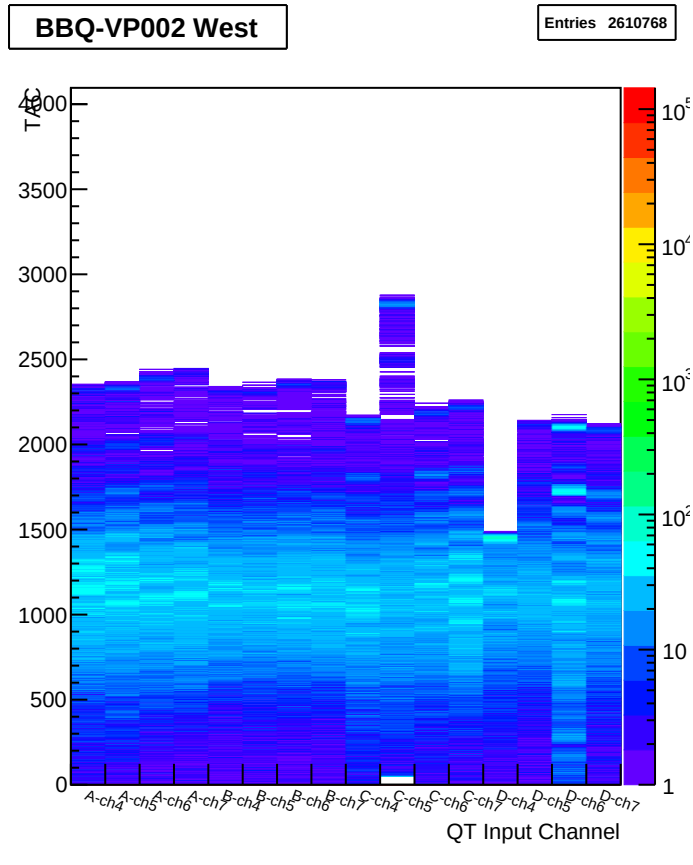

BBQ-ZD001 (ZDC TOWER)
Entries 2610768
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

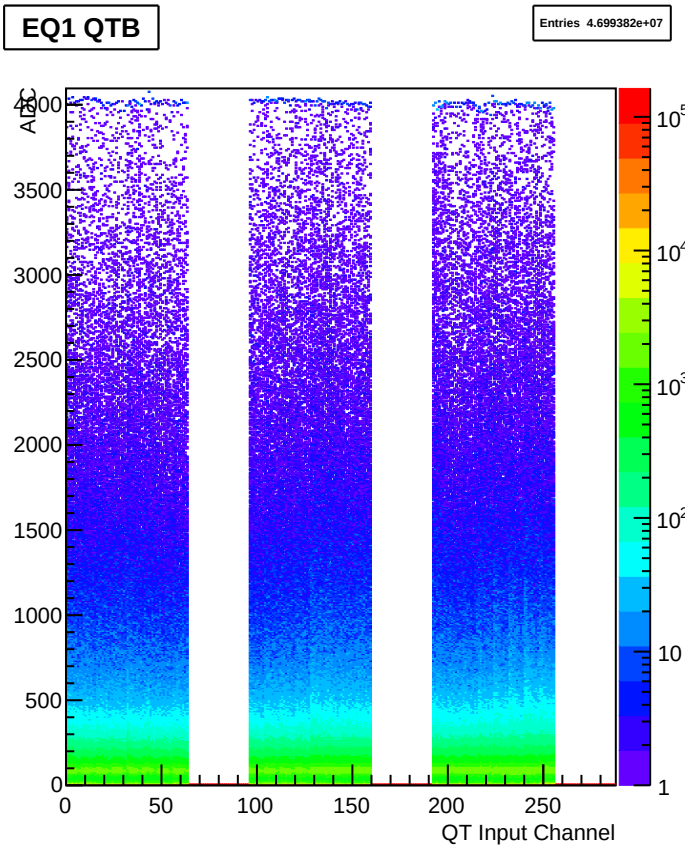

BBQ-ZD001 (ZDC TOWER)
Entries 2610768
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

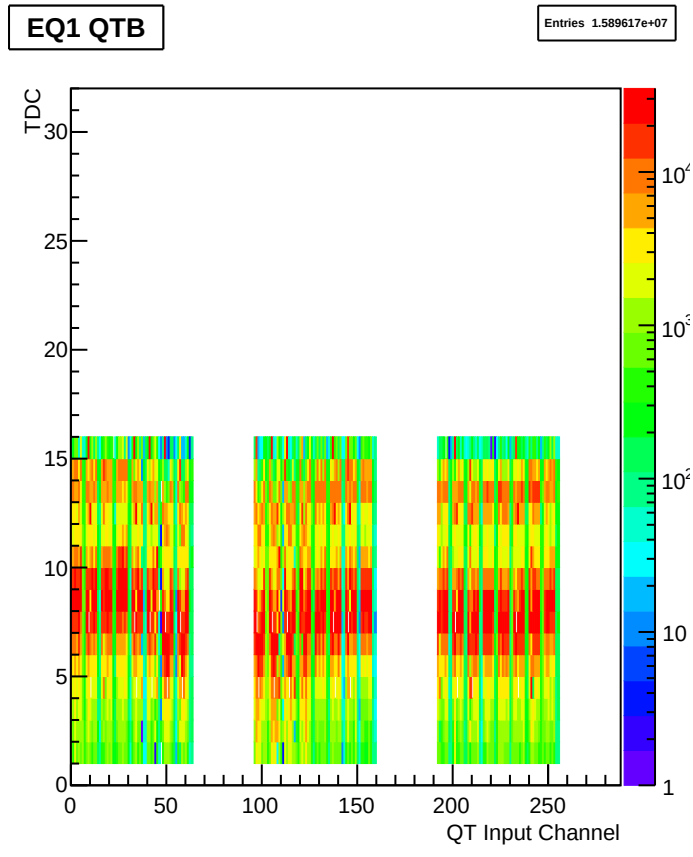

BBQ-VP001 East
Entries 2610768
ADC
QT Input Channel

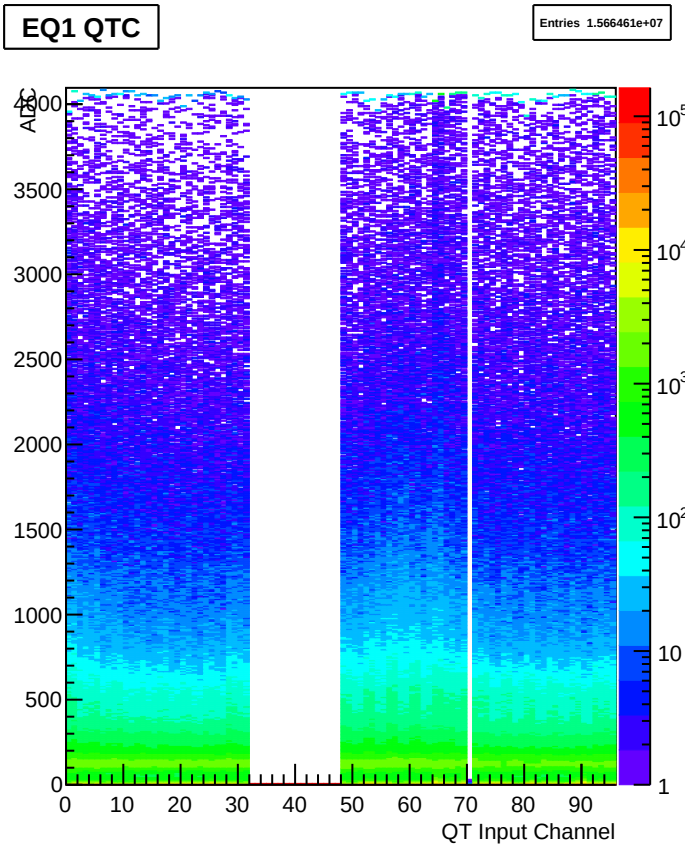

BBQ-VP001 East
Entries 2610768
TAC
QT Input Channel

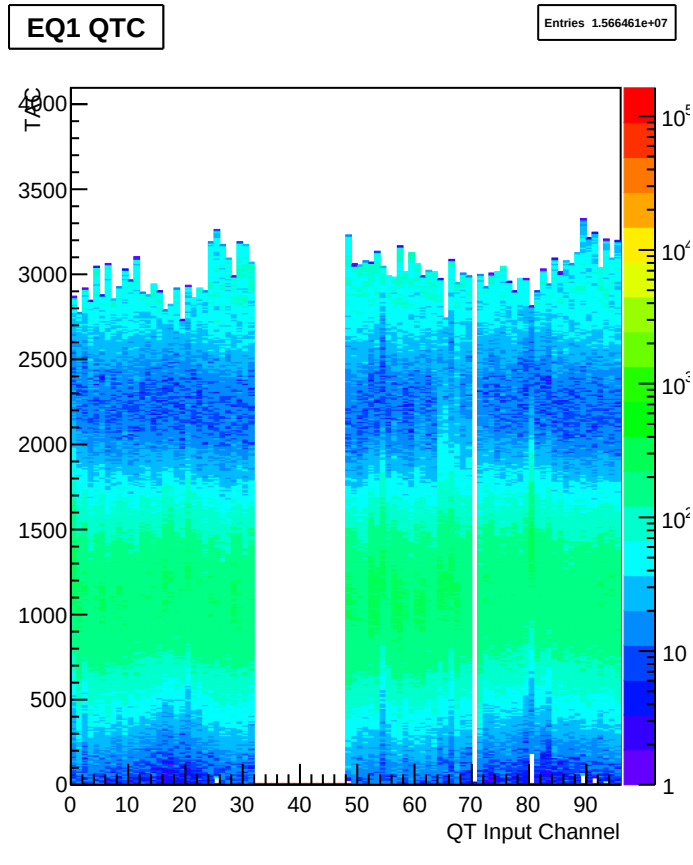

BBQ-VP002 West
Entries 2610768
ADC
QT Input Channel

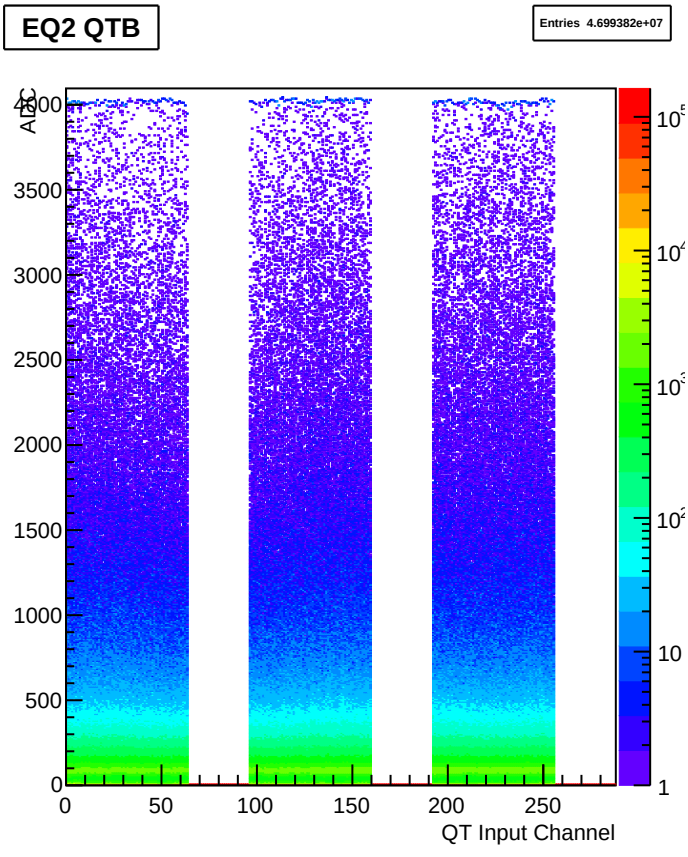

BBQ-VP002 West
Entries 2610768
TAC
QT Input Channel

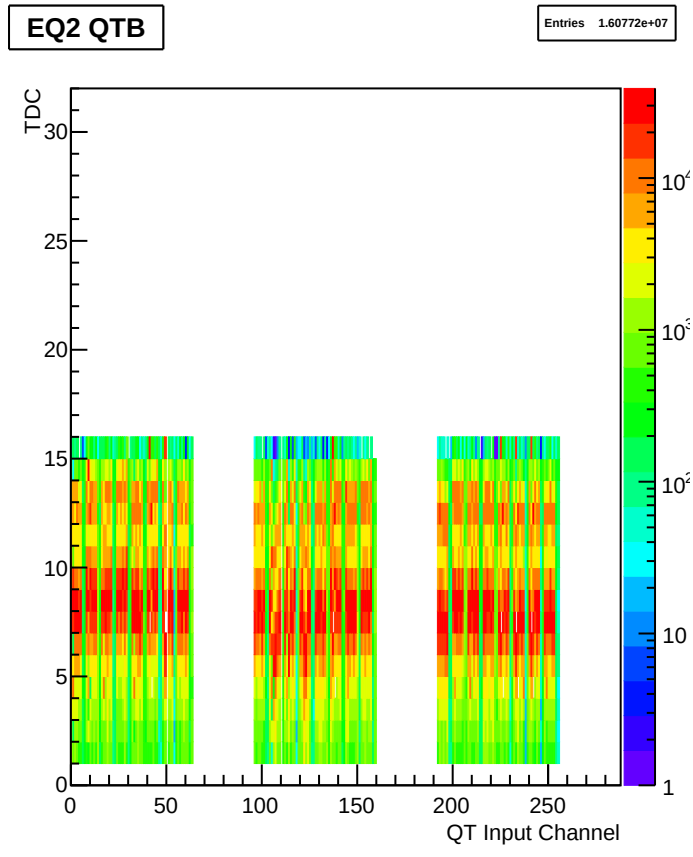

EQ1 QTB
Entries 4.699382e+07
ADC
QT Input Channel

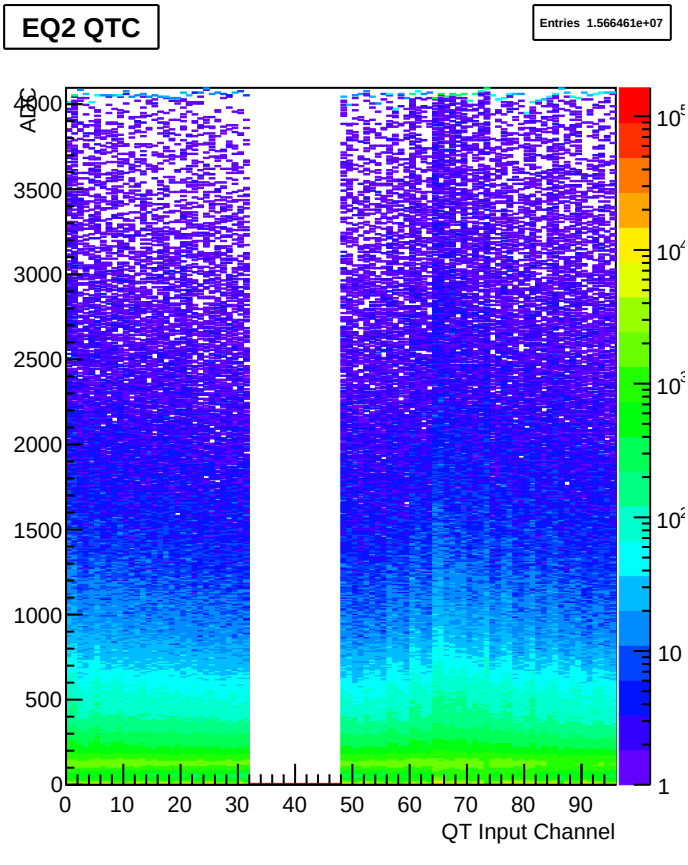

EQ1 QTB
Entries 1.589617e+07
TDC
QT Input Channel

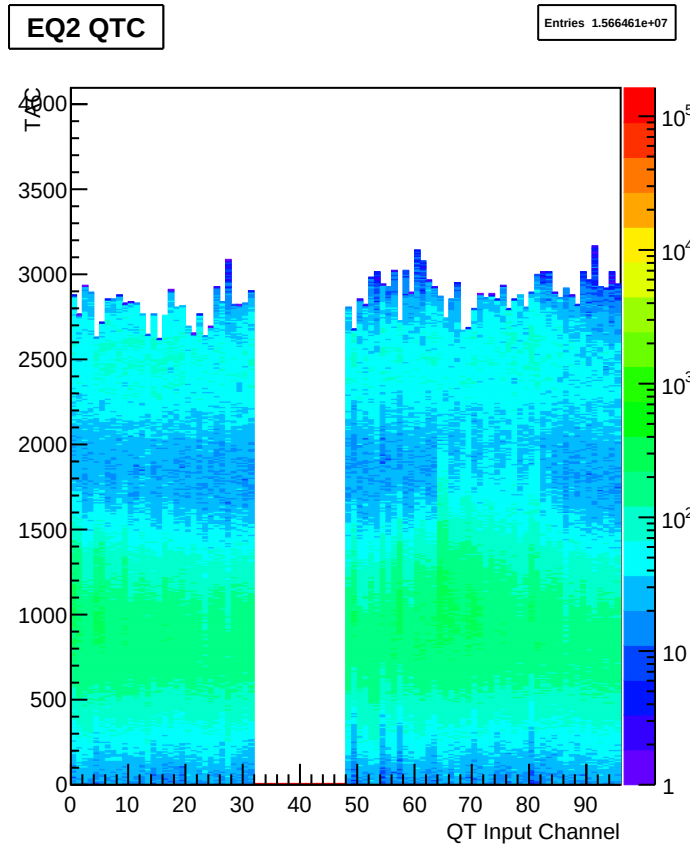

EQ1 QTC
Entries 1.566461e+07
ADC
QT Input Channel

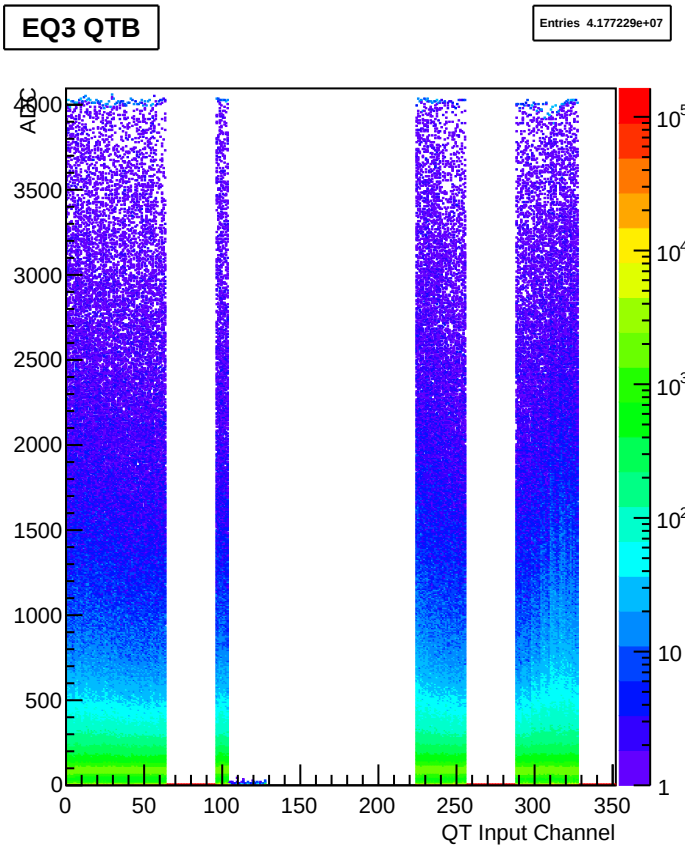

EQ1 QTC
Entries 1.566461e+07
TADC
QT Input Channel

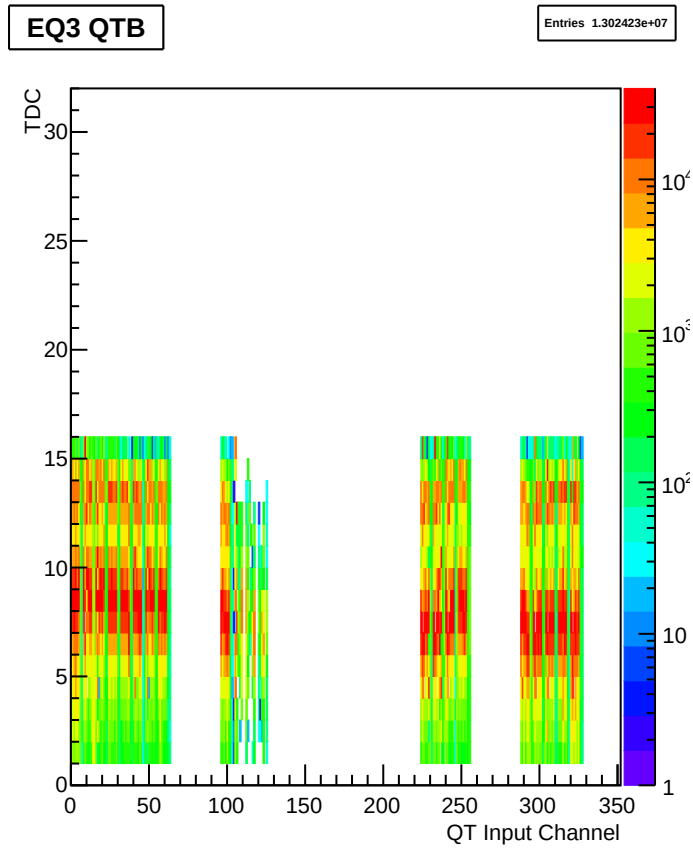

EQ2 QTB
Entries 4.699382e+07
ADC
QT Input Channel

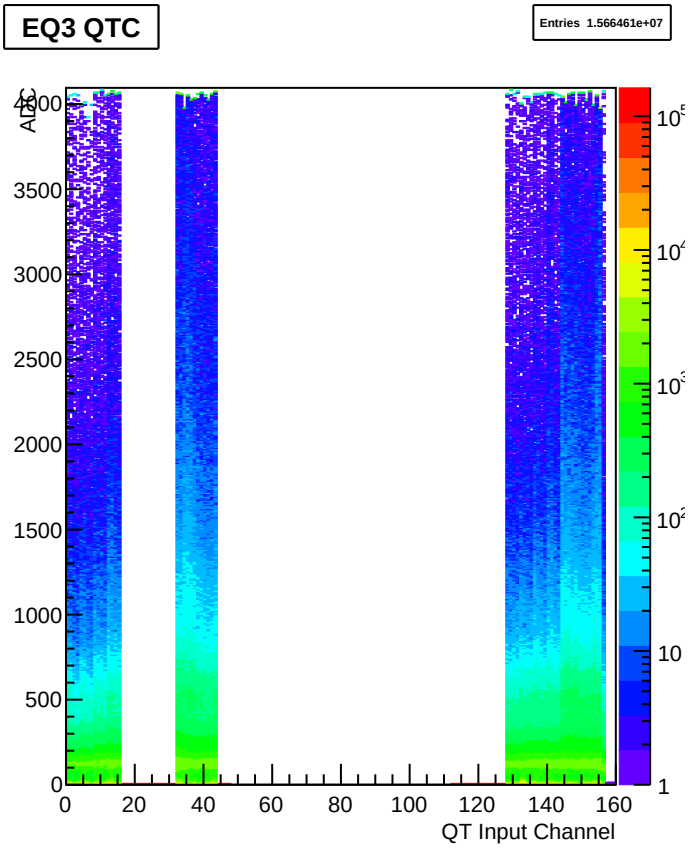

EQ2 QTB
Entries 1.60772e+07
TDC
QT Input Channel

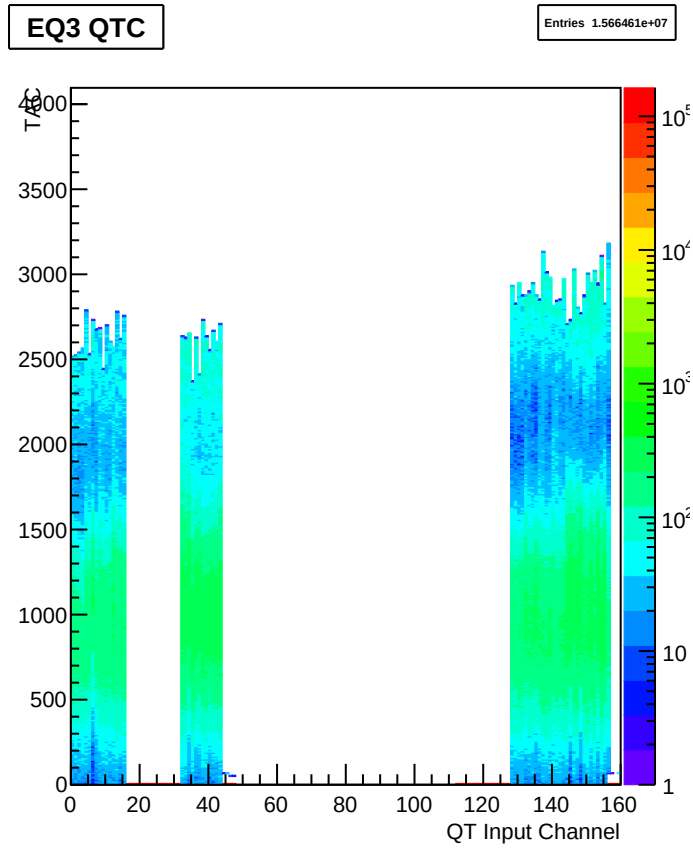

EQ2 QTC
Entries 1.566461e+07
ADC
QT Input Channel

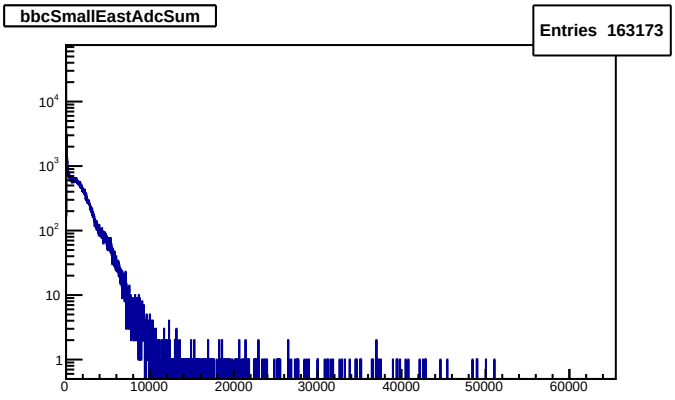

EQ2 QTC
Entries 1.566461e+07
TADC
QT Input Channel

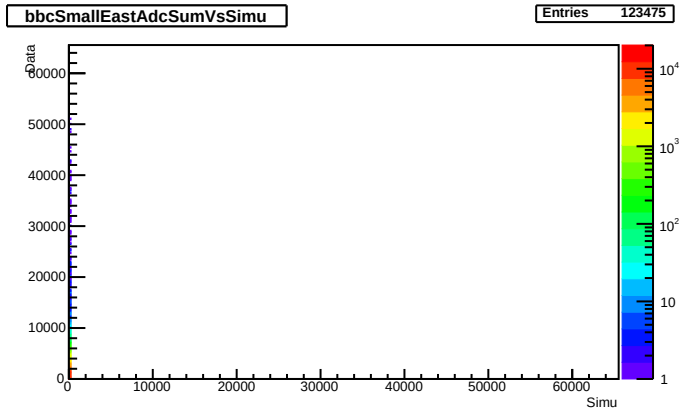

EQ3 QTB
Entries 4.177229e+07
ADC
QT Input Channel

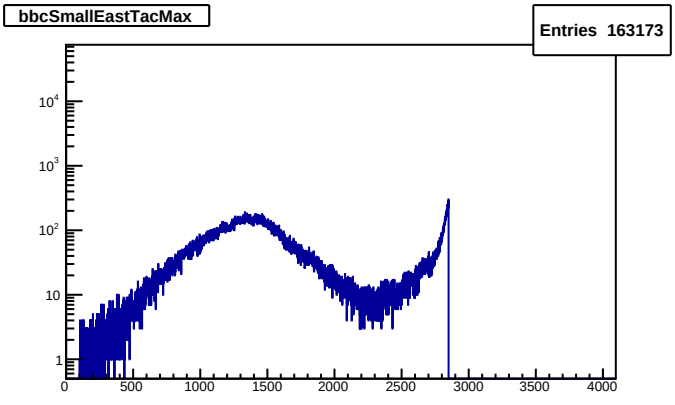

EQ3 QTB
Entries 1.302423e+07
TDC
QT Input Channel

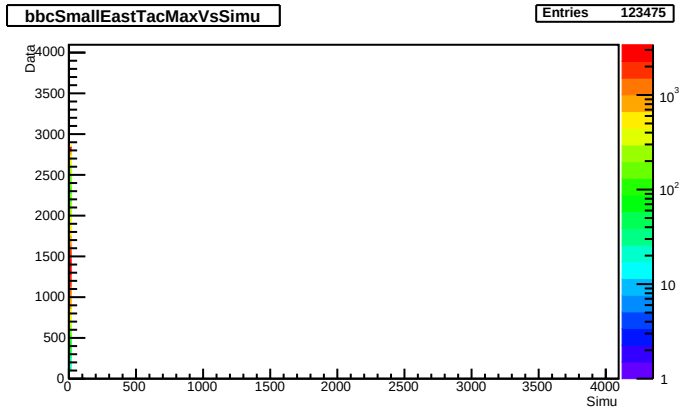

EQ3 QTC
Entries 1.566461e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.566461e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 163173


bbcSmallEastAdcSumVsSimu
Entries 123475
Data
Simu


bbcSmallEastTacMax
Entries 163173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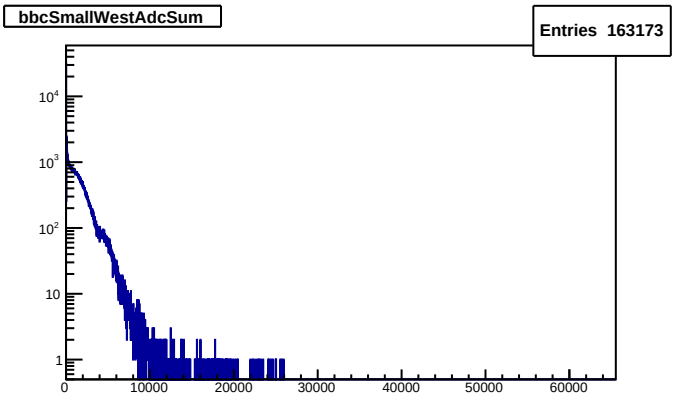
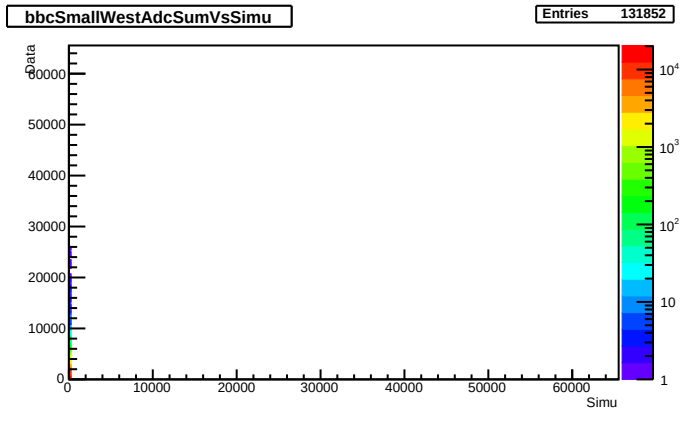
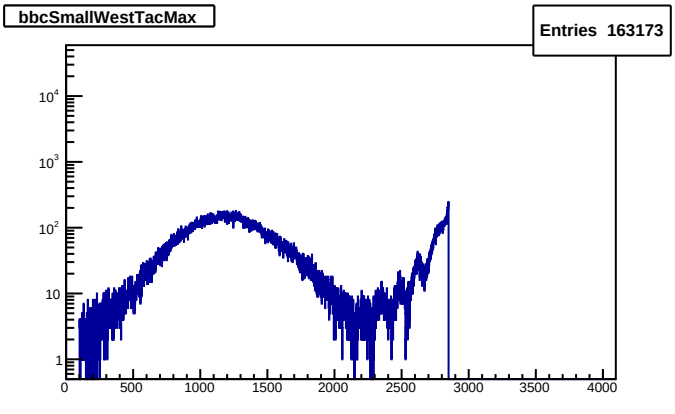
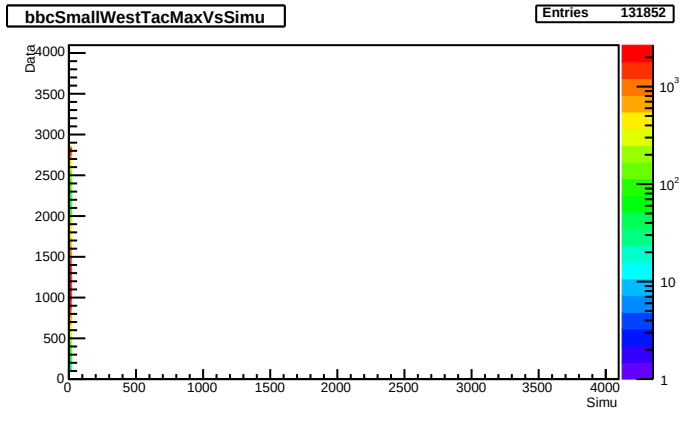
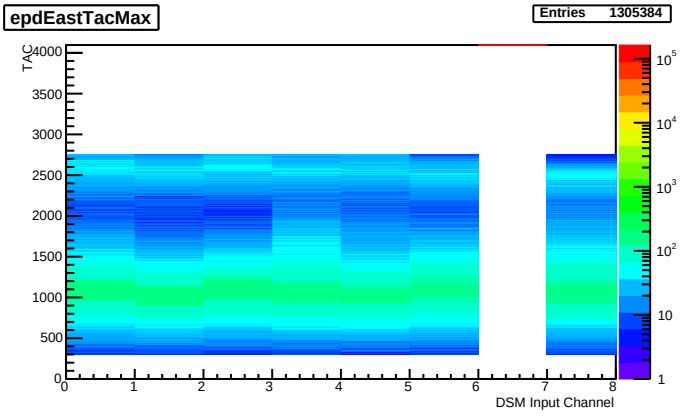
Entries 123475
Data
Simu

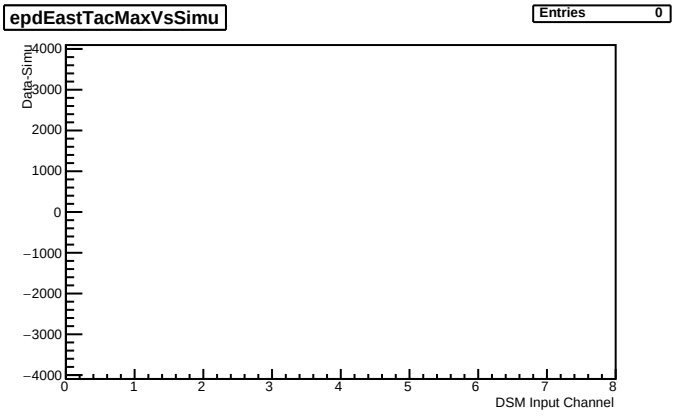

bbcSmallWestAdcSum
Entries 163173

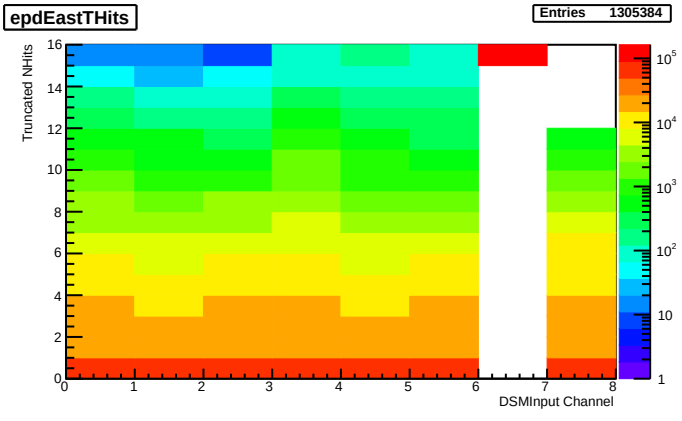

bbcSmallWestAdcSumVsSimu
Entries 131852
Data
Simu

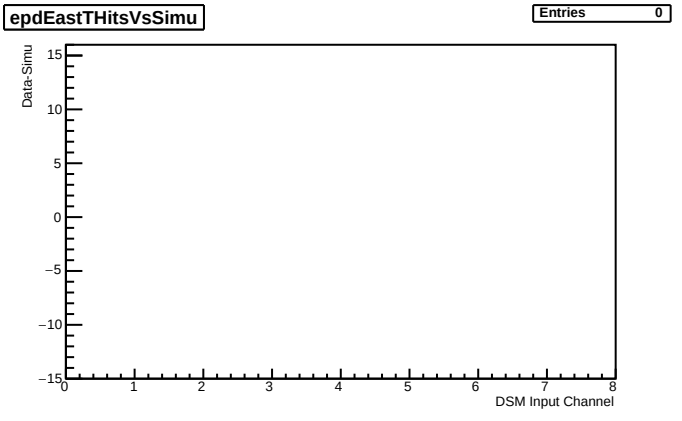

bbcSmallWestTacMax
Entries 163173

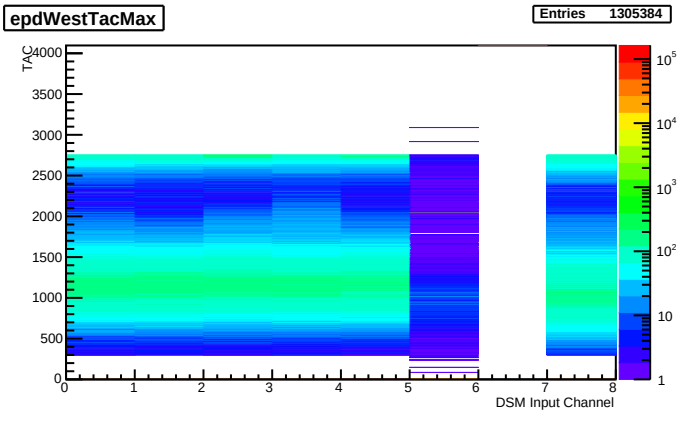

bbcSmallWestTacMaxVsSimu
Entries 131852
Data
Simu

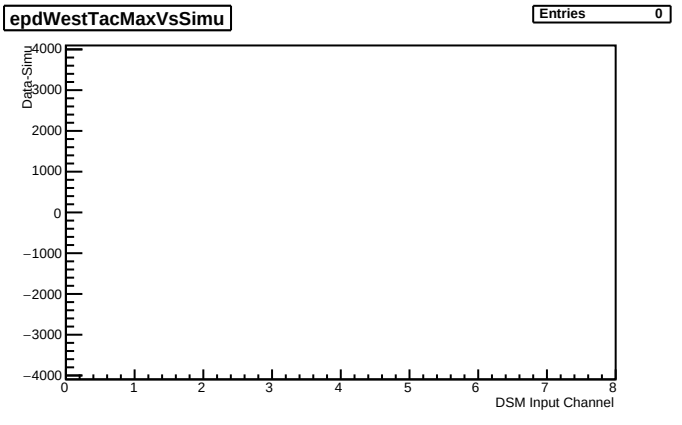

epdEastTacMax
Entries 1305384
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1305384
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1305384
TAC
DSM Input Channel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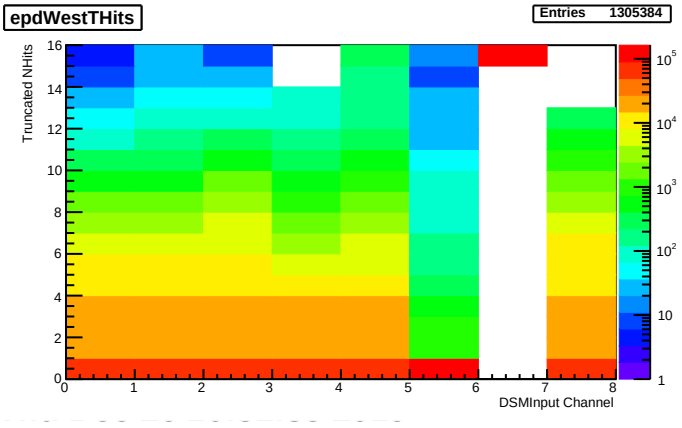
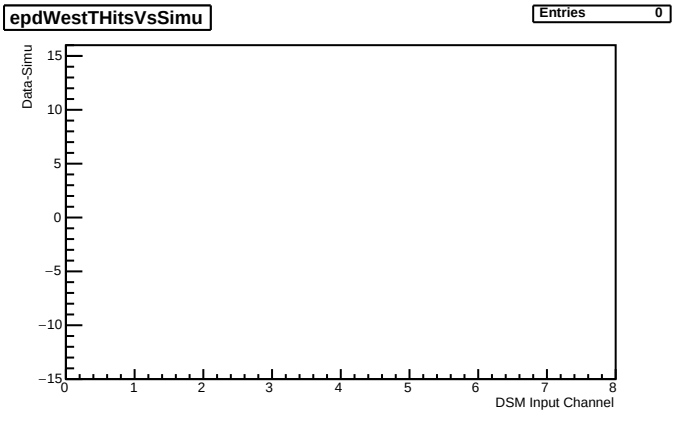
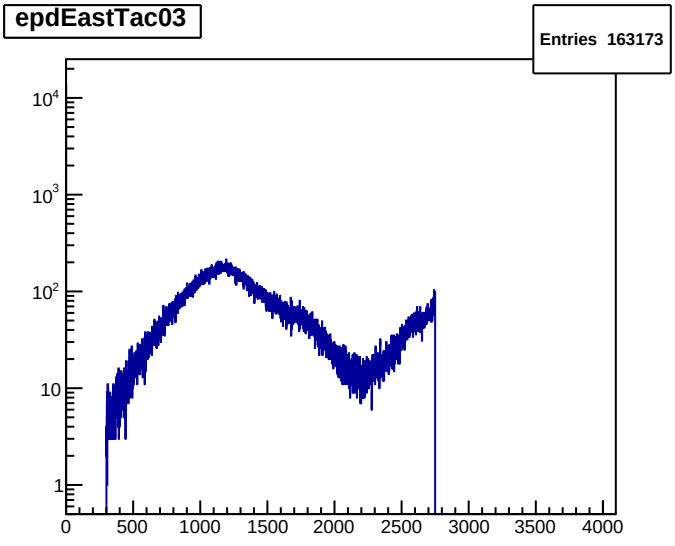
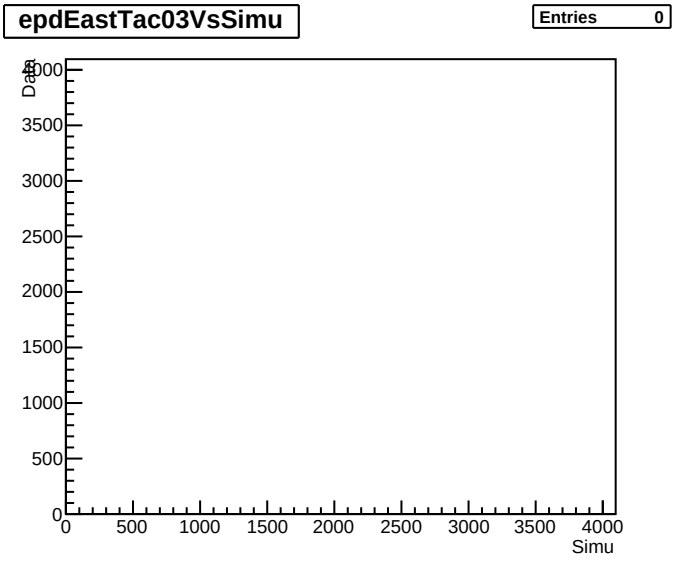
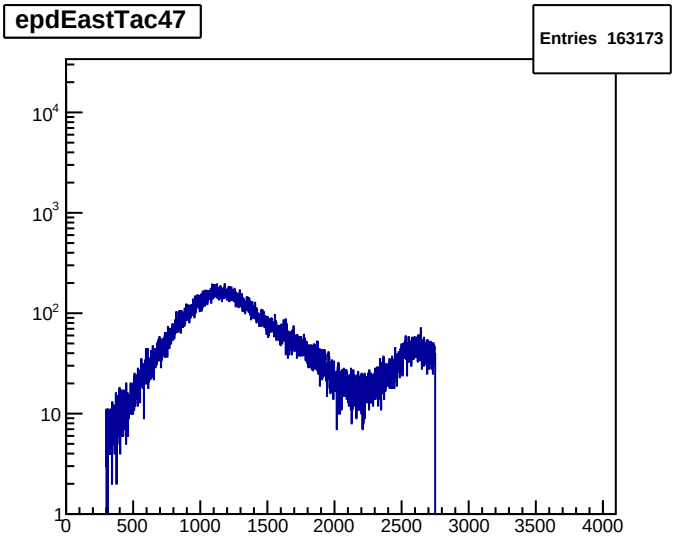
Entries 0
Data-Simu
DSM Input Channel

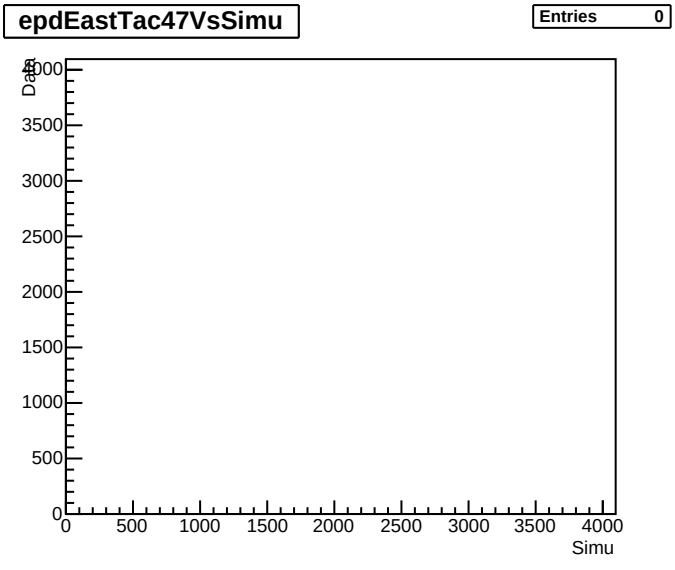

epdWestTHits
Entries 1305384
Truncated NHits
DSMInput Channel

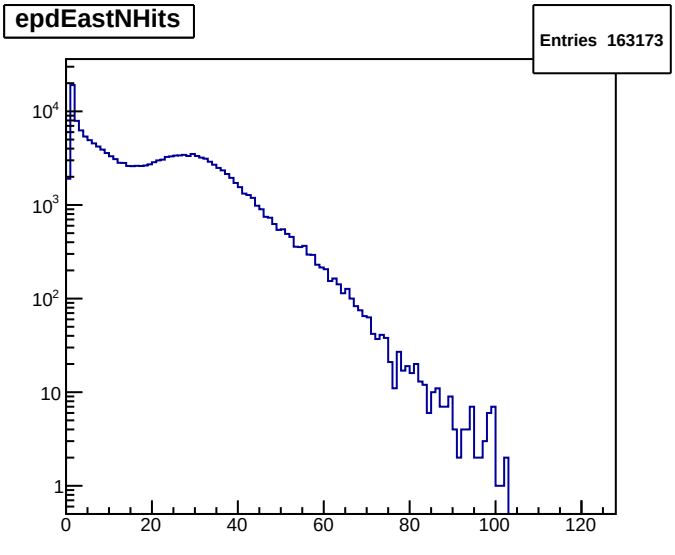

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

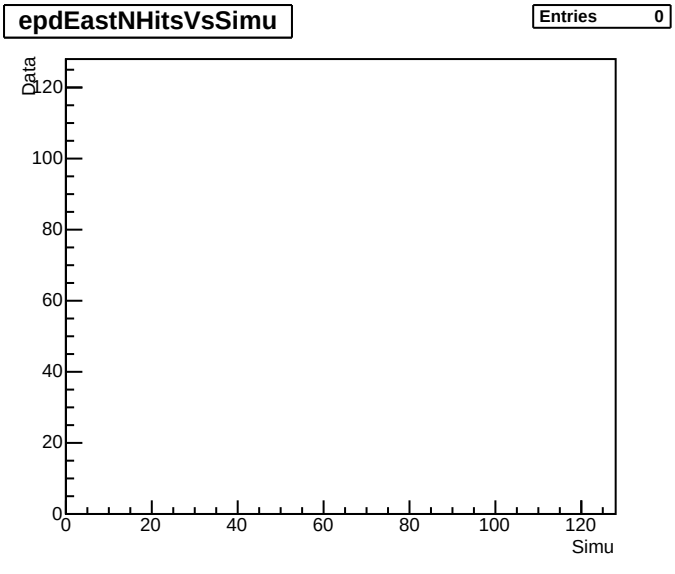

epdEastTac03
Entries 163173


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 163173


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 163173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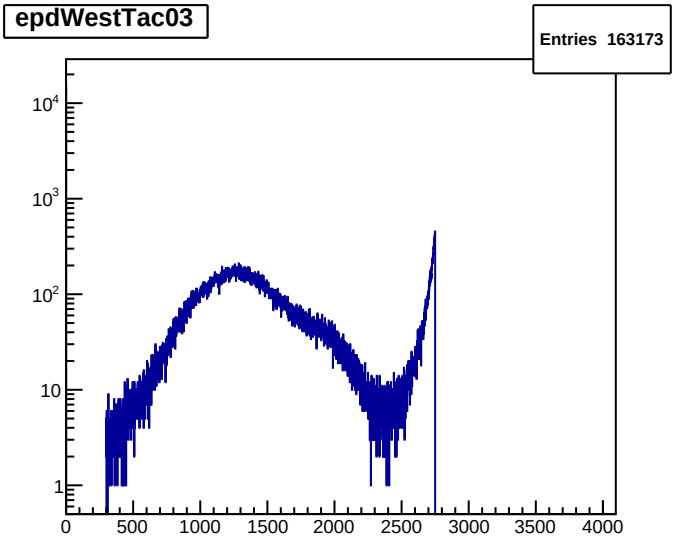
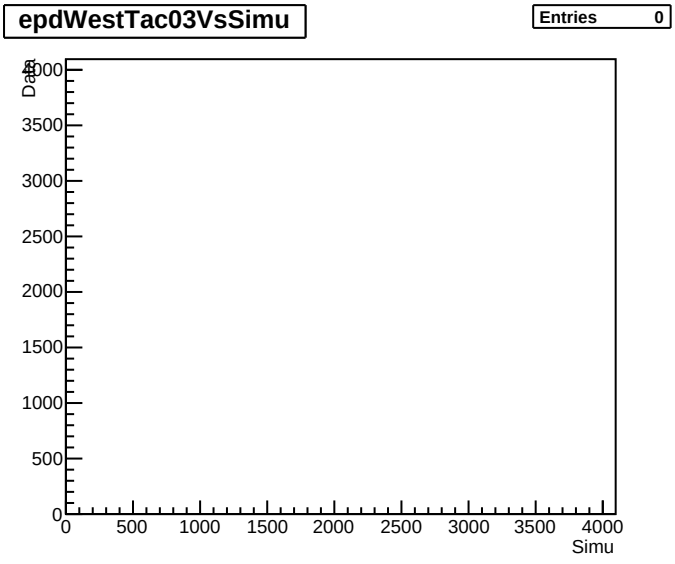
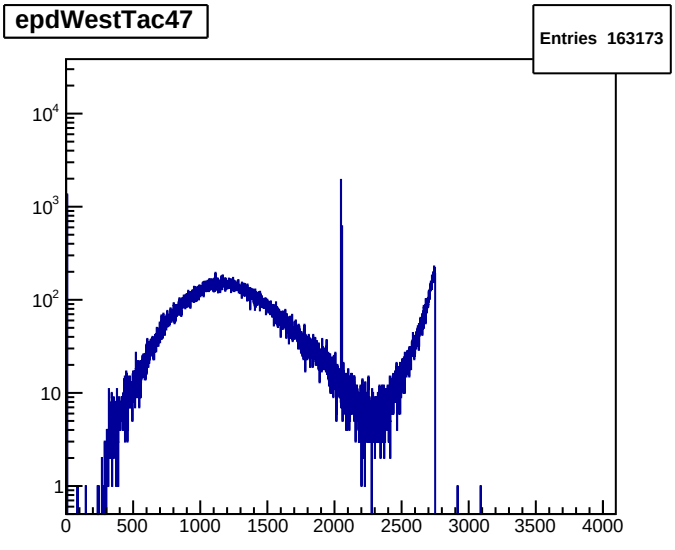
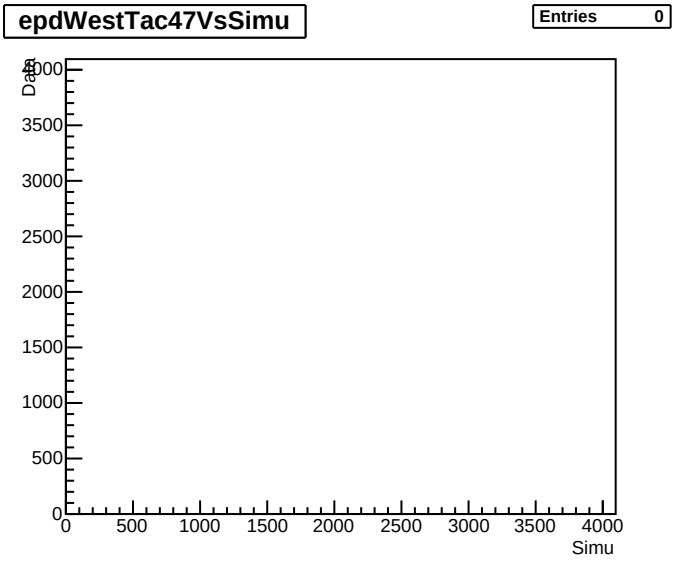
Entries 0
Data
Simu


epdWestTac03
Entries 163173


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 163173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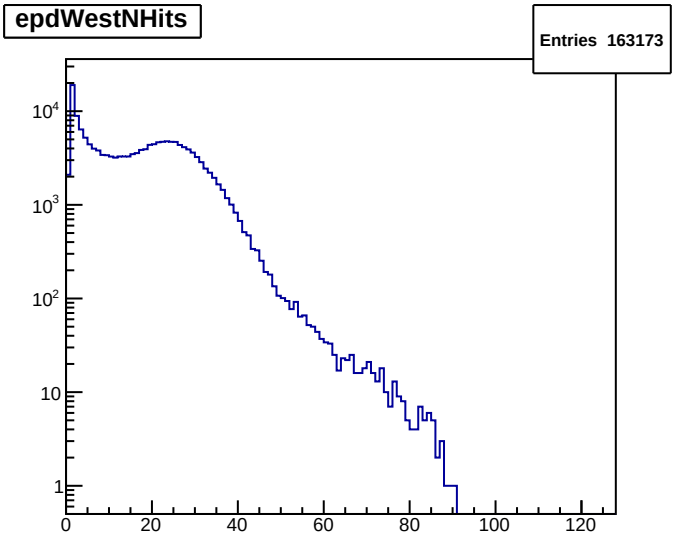
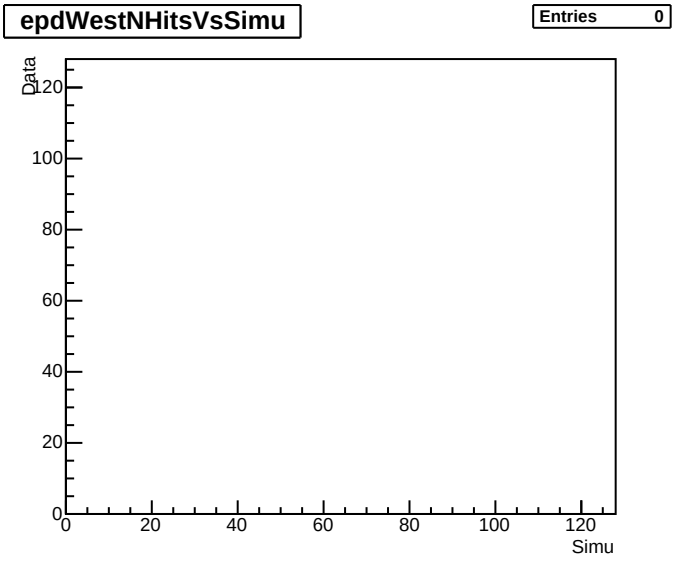
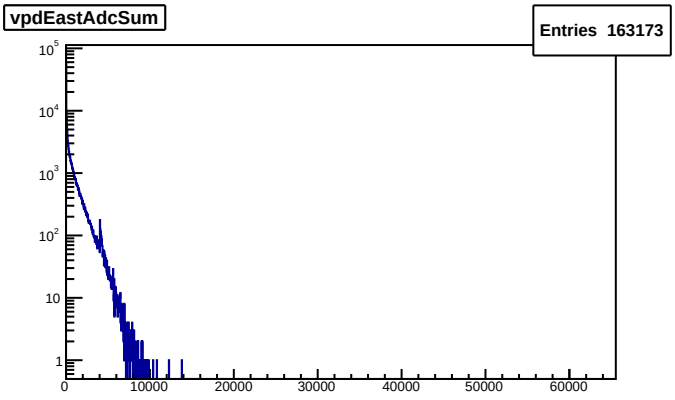
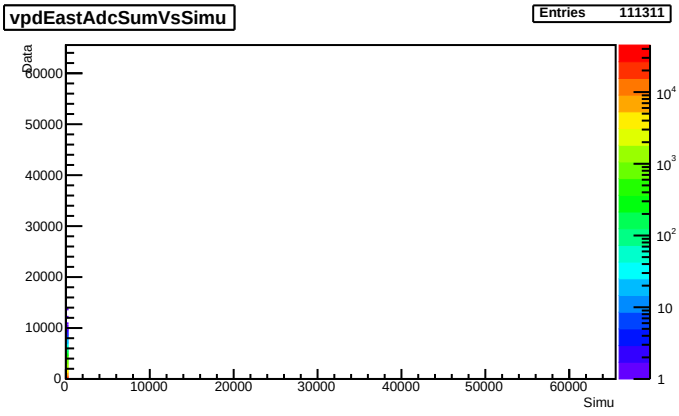
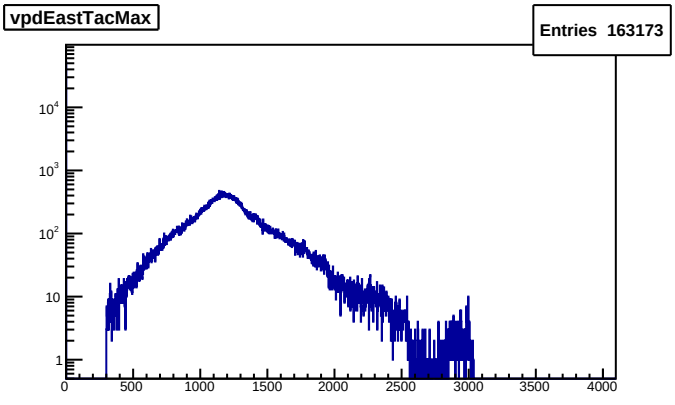
Entries 0
Data
Simu

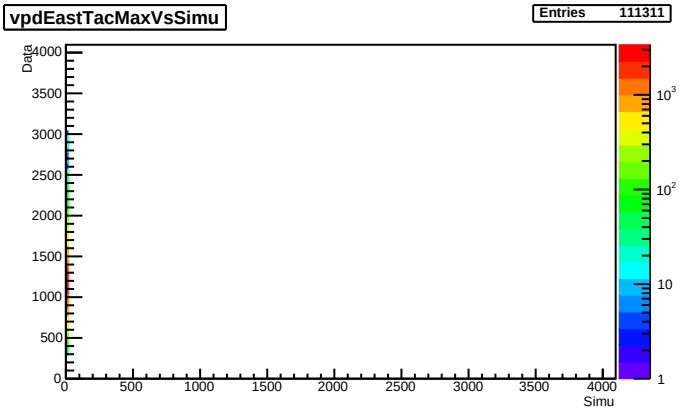

epdWestNHits
Entries 163173

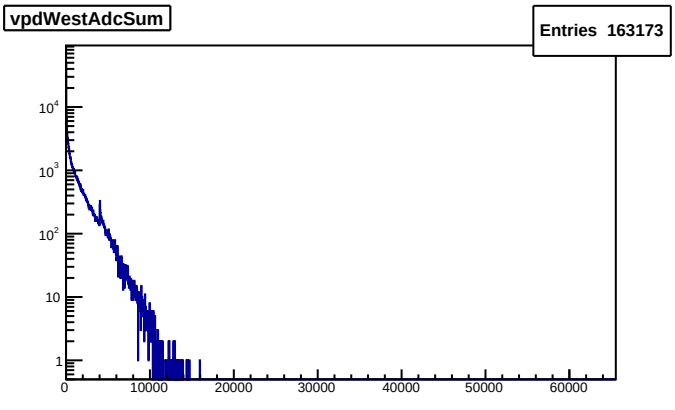

epdWestNHitsVsSimu
Entries 0
Data
Simu

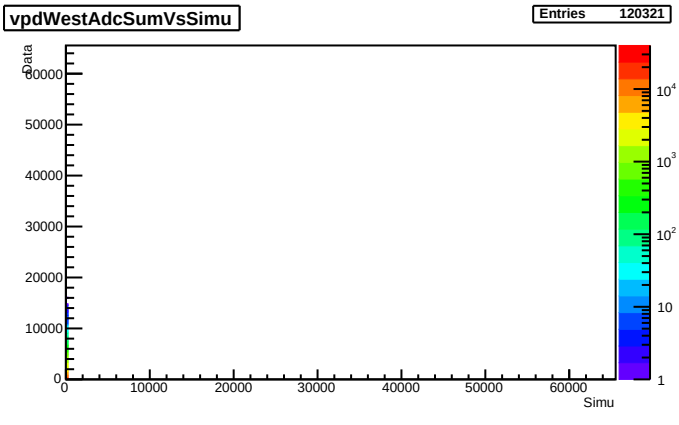

vpdEastAdcSum
Entries 163173

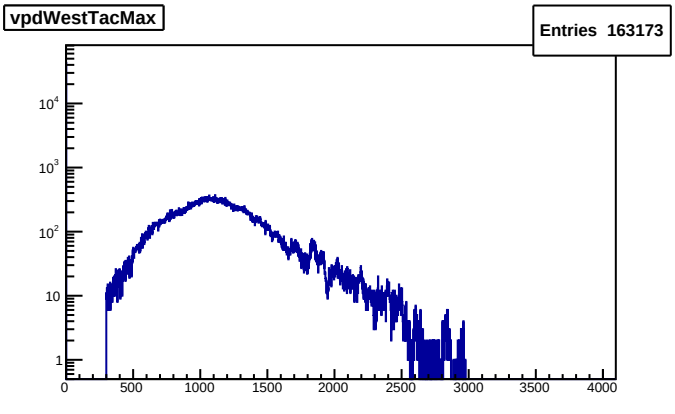

vpdEastAdcSumVsSimu
Entries 111311
Data
Simu

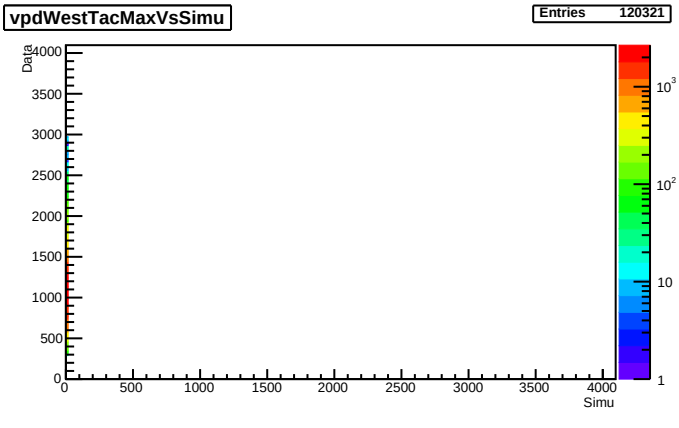

vpdEastTacMax
Entries 163173

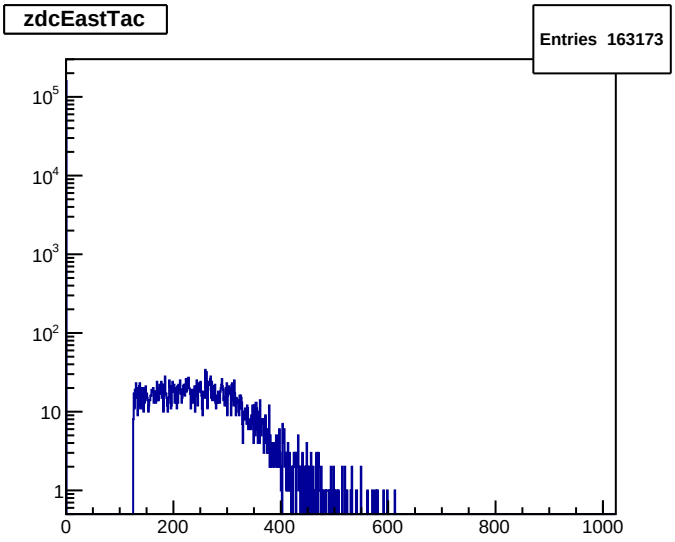

vpdEastTacMaxVsSimu
Entries 111311
Data
Simu

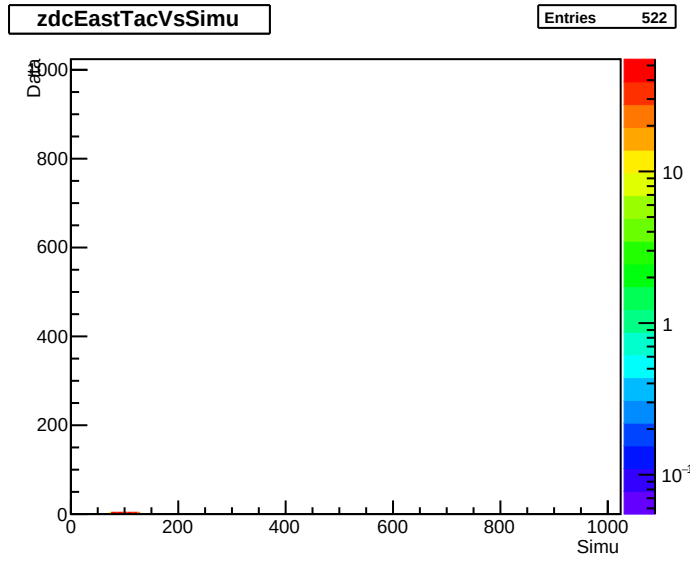

vpdWestAdcSum
Entries 163173

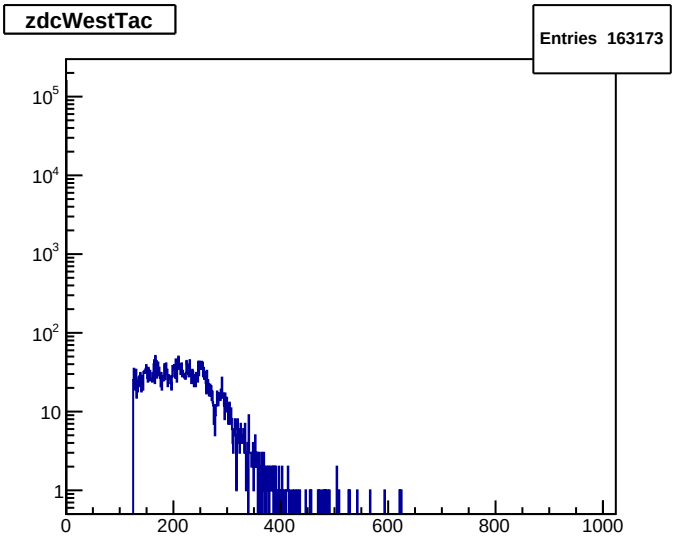

vpdWestAdcSumVsSimu
Entries 120321
Data
Simu

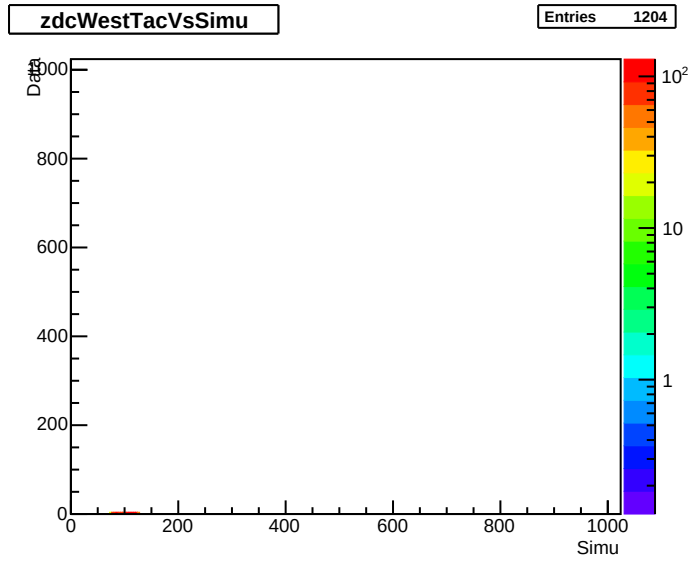

vpdWestTacMax
Entries 163173

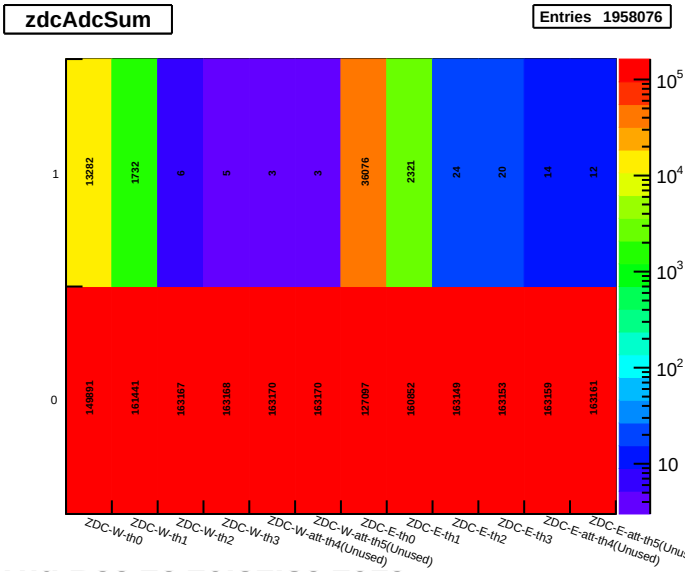

vpdWestTacMaxVsSimu
Entries 120321
Data
Simu

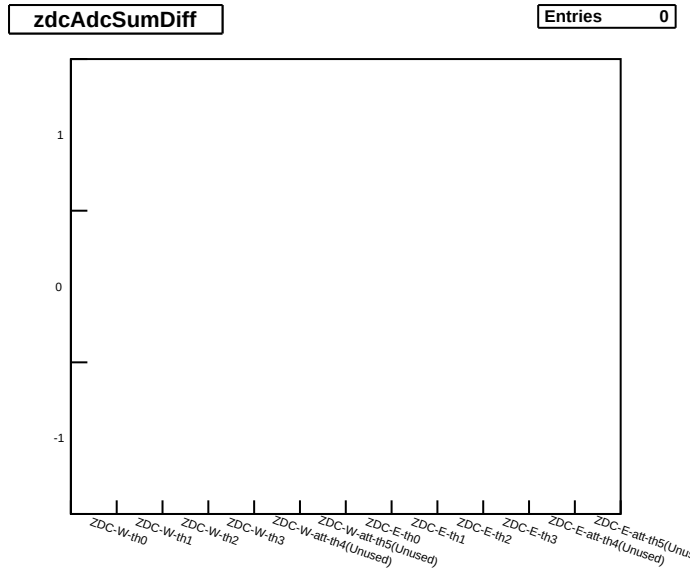

zdcEastTac
Entries 163173

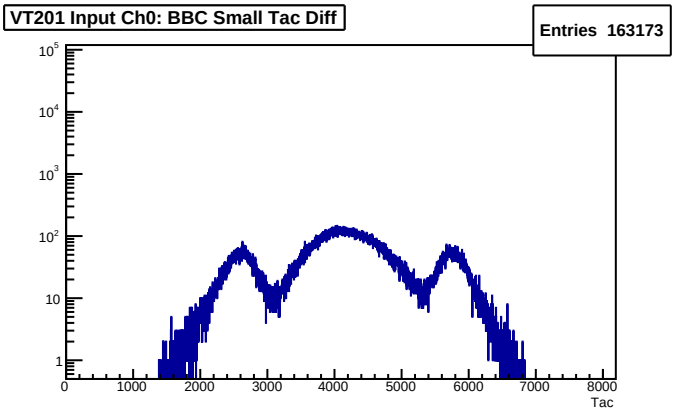

zdcEastTacVsSimu
Entries 522
Data
Simu

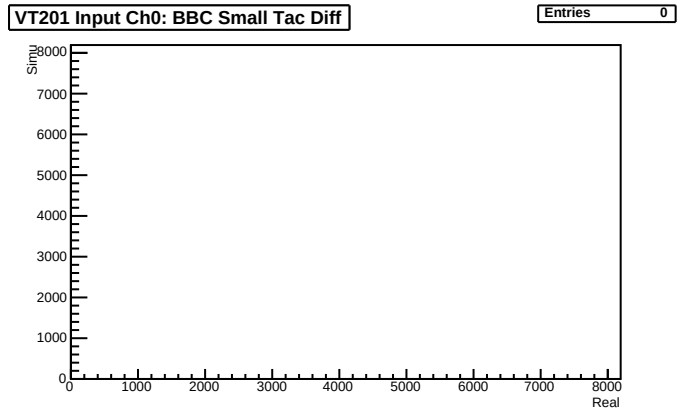

zdcWestTac
Entries 163173

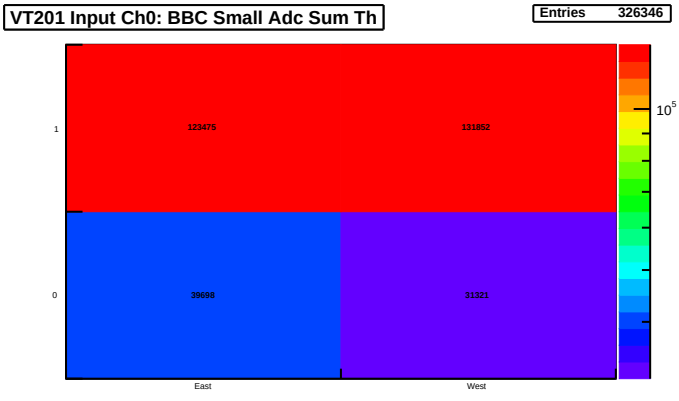

zdcWestTacVsSimu
Entries 1204
Data
Simu

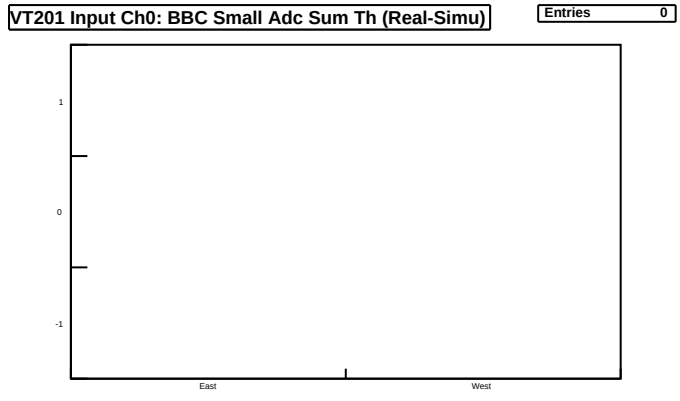

zdcAdcSum
Entries 1958076
13282
1732
6
5
3
3
36076
2321
24
20
14
12
149891
161441
163167
163168
163170
163170
127097
160852
163149
163153
163159
163161
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

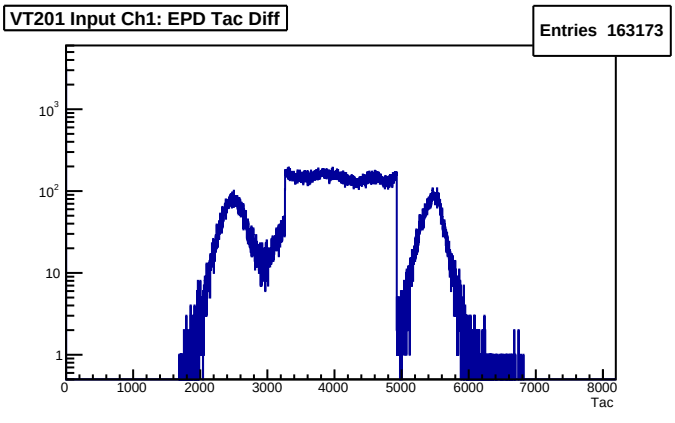

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

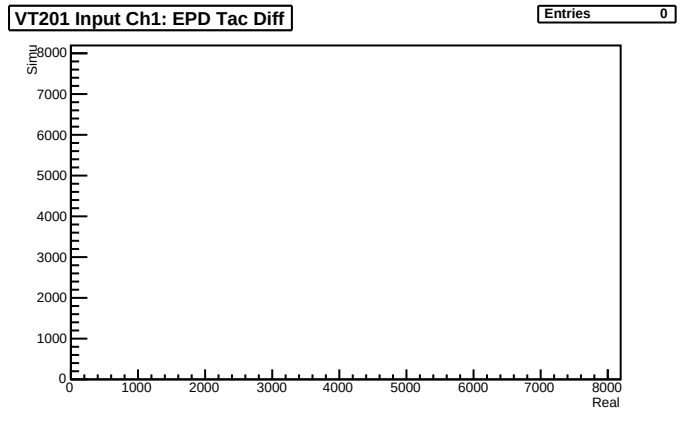

VT201 Input Ch0: BBC Small Tac Diff
Entries 163173
Tac

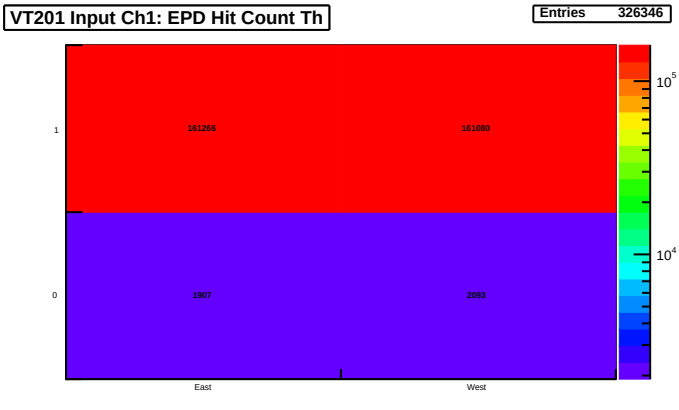

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

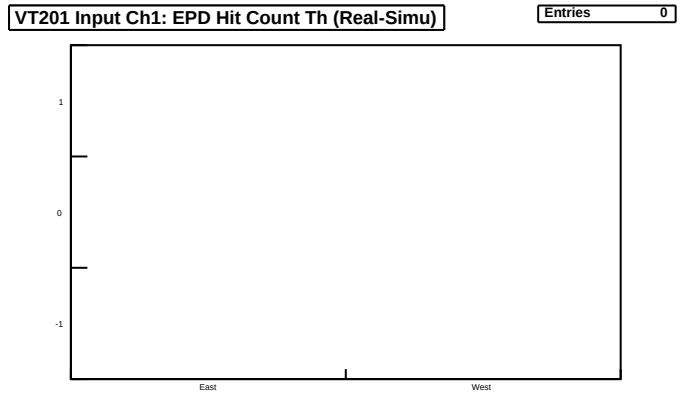

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 326346
123475
131852
39698
31321
East
West

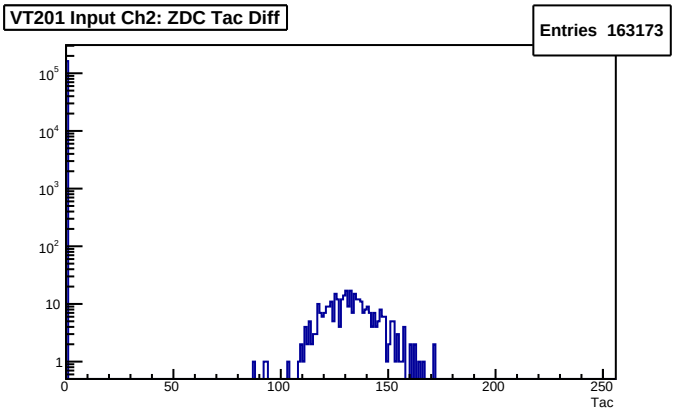

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

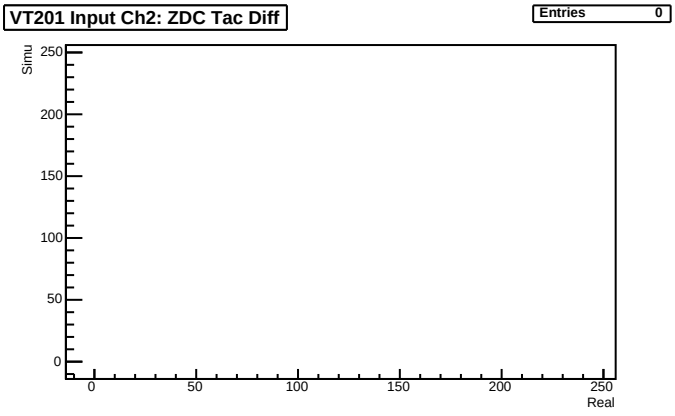

VT201 Input Ch1: EPD Tac Diff
Entries 163173
Tac

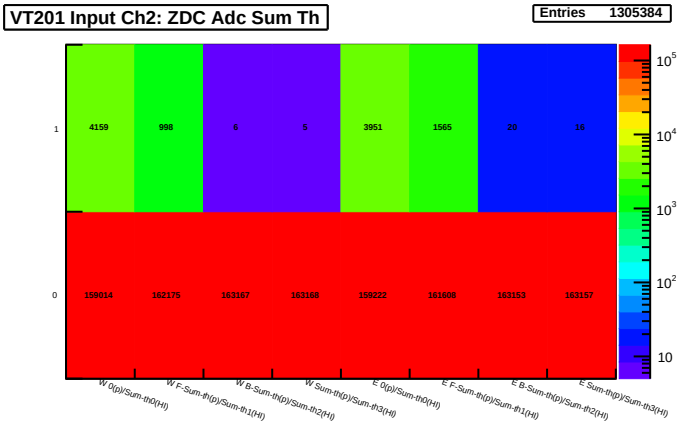

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

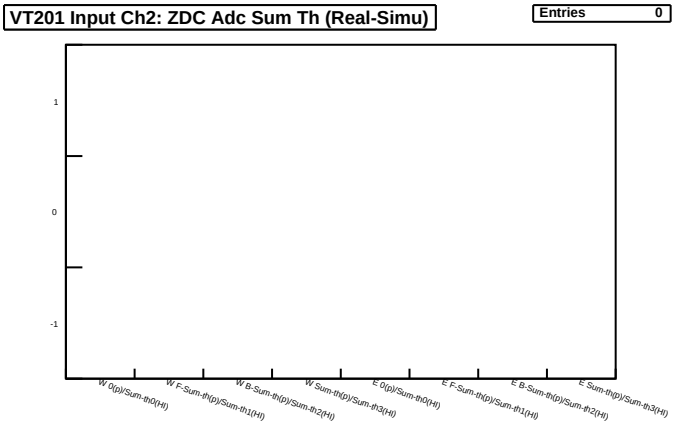

VT201 Input Ch1: EPD Hit Count Th
Entries 326346
161266
161080
1907
2093
East
West

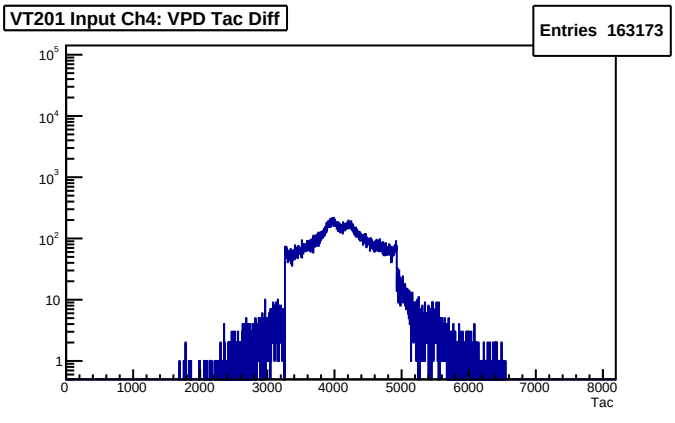

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

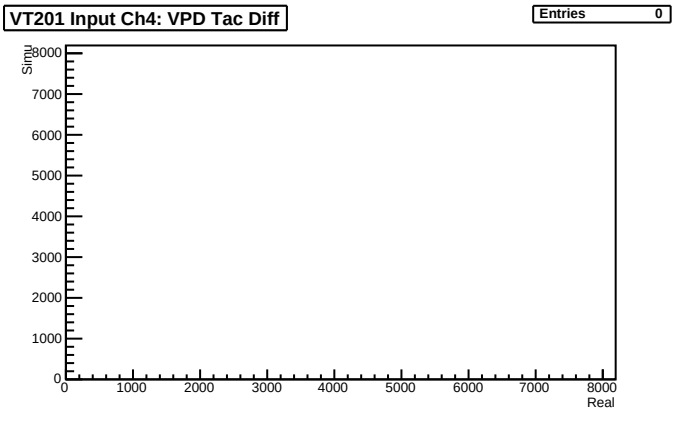

VT201 Input Ch2: ZDC Tac Diff
Entries 163173
Tac

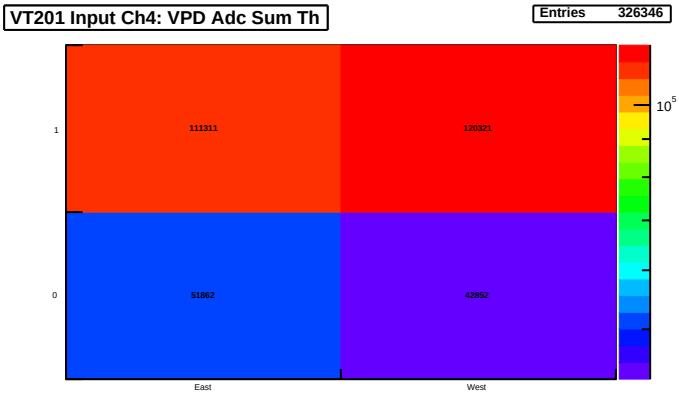

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

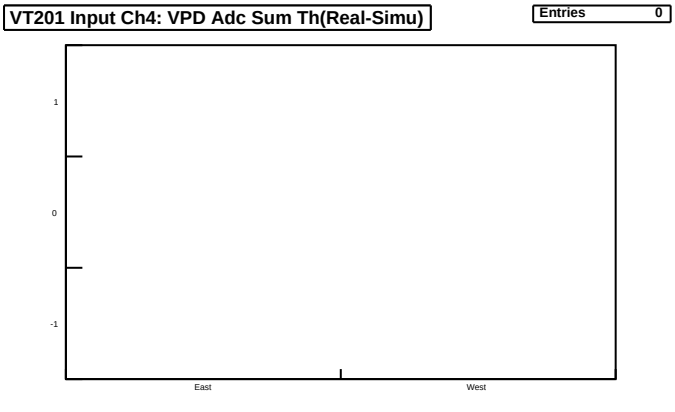

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1305384
4159
998
6
5
3951
1565
20
16
159014
162175
163167
163168
159222
161608
163153
163157
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

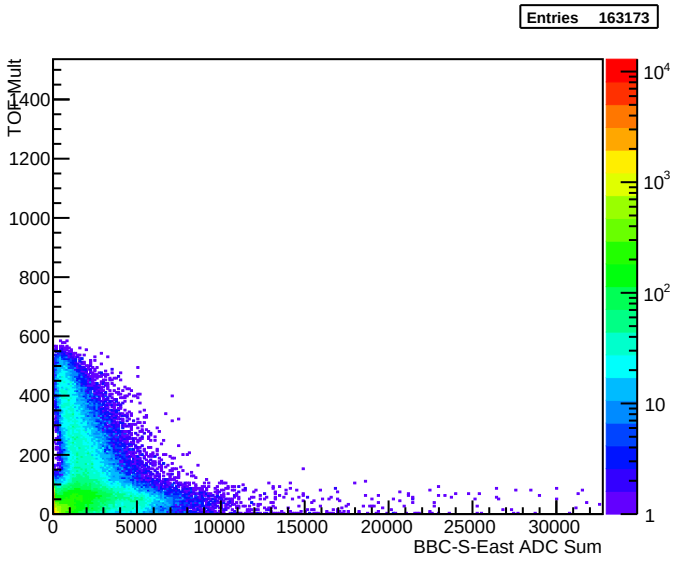

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

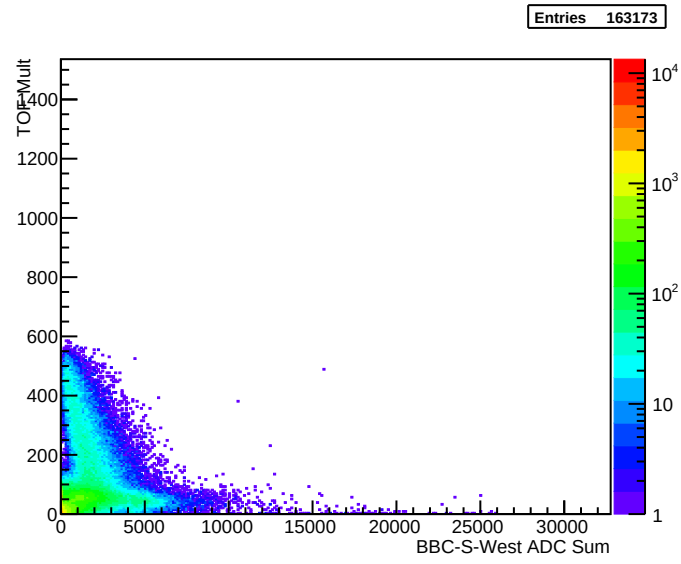

VT201 Input Ch4: VPD Tac Diff
Entries 163173
Tac

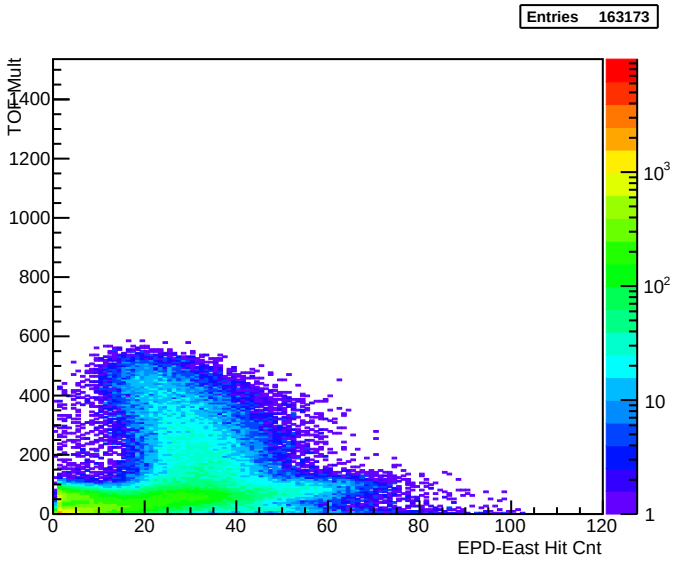

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

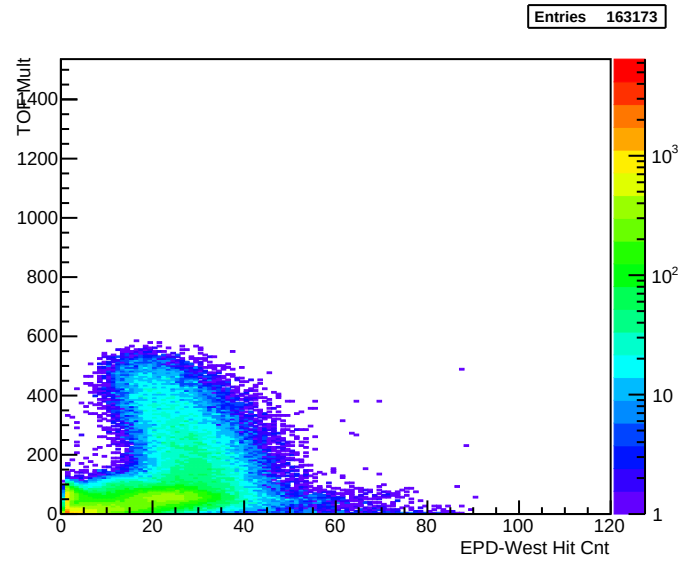

VT201 Input Ch4: VPD Adc Sum Th
Entries 326346
111311
120321
51862
42852
East
West

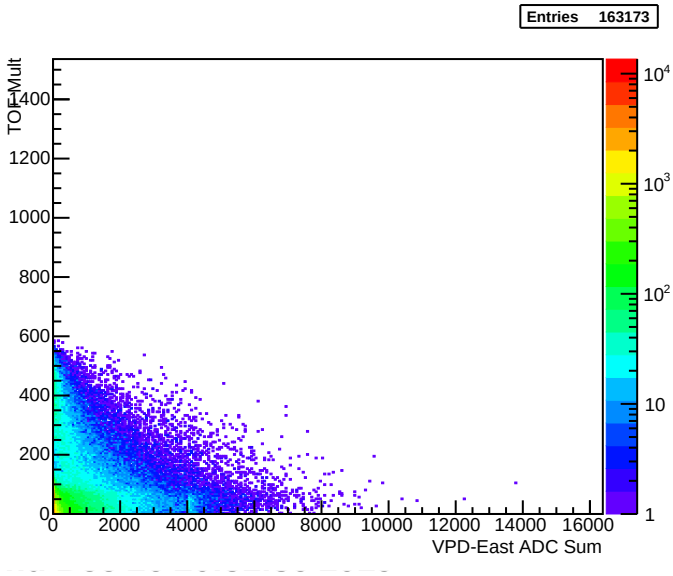

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

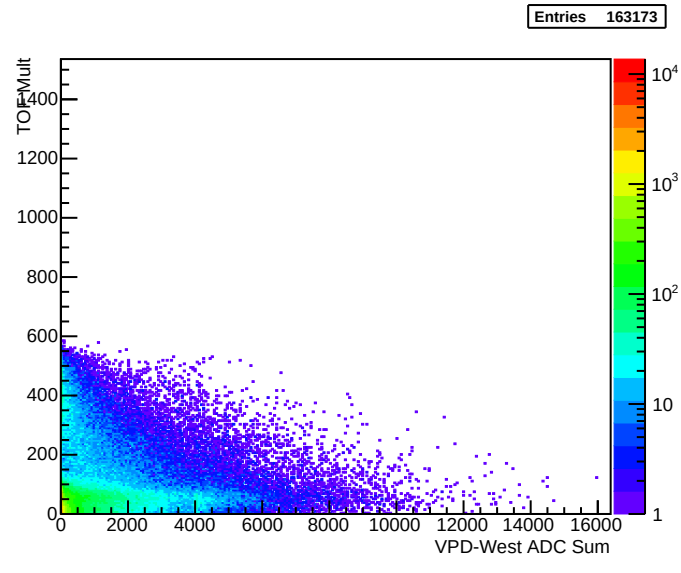

Entries 163173
TOF-Mult
BBC-S-East ADC Sum

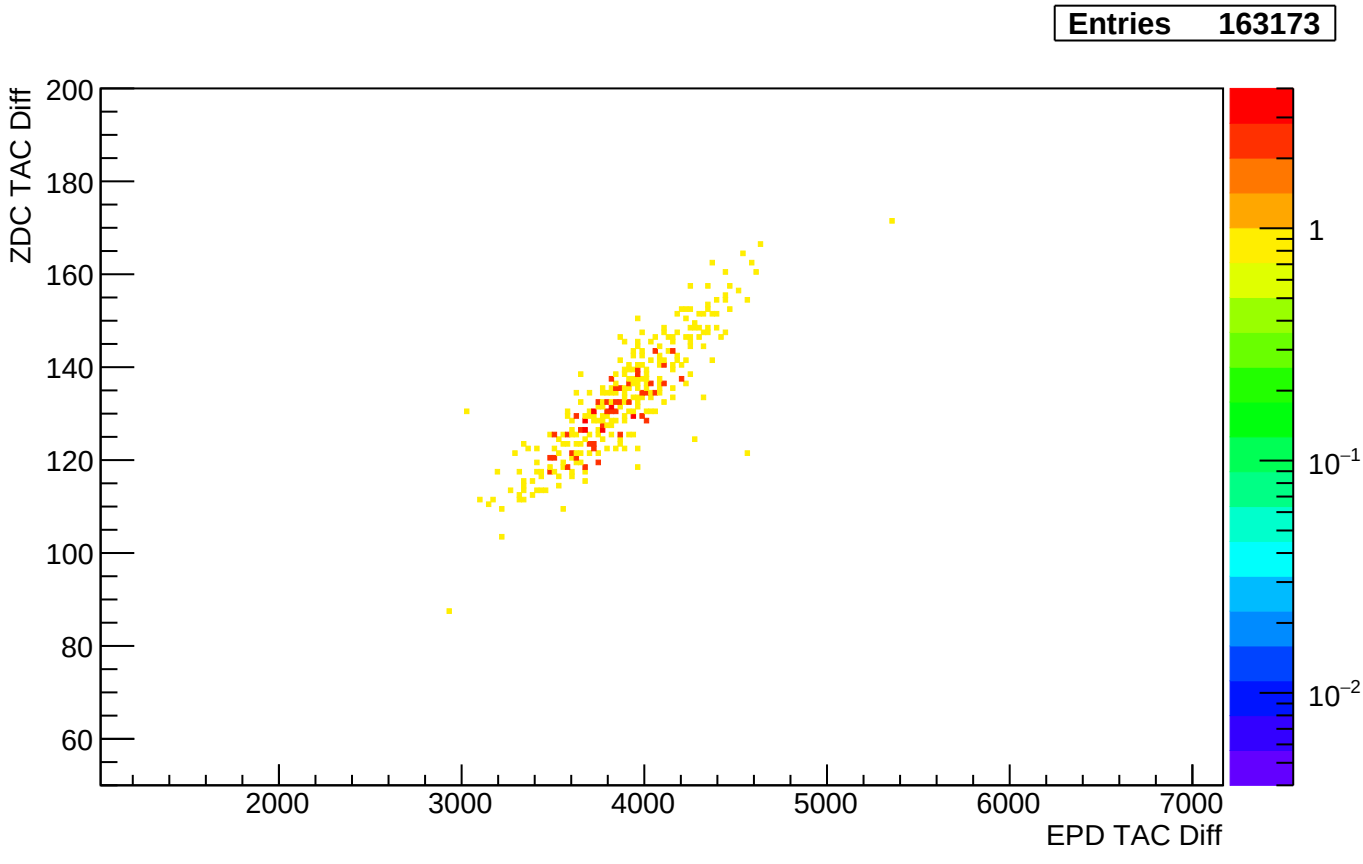

Entries 163173
TOF-Mult
BBC-S-West ADC Sum

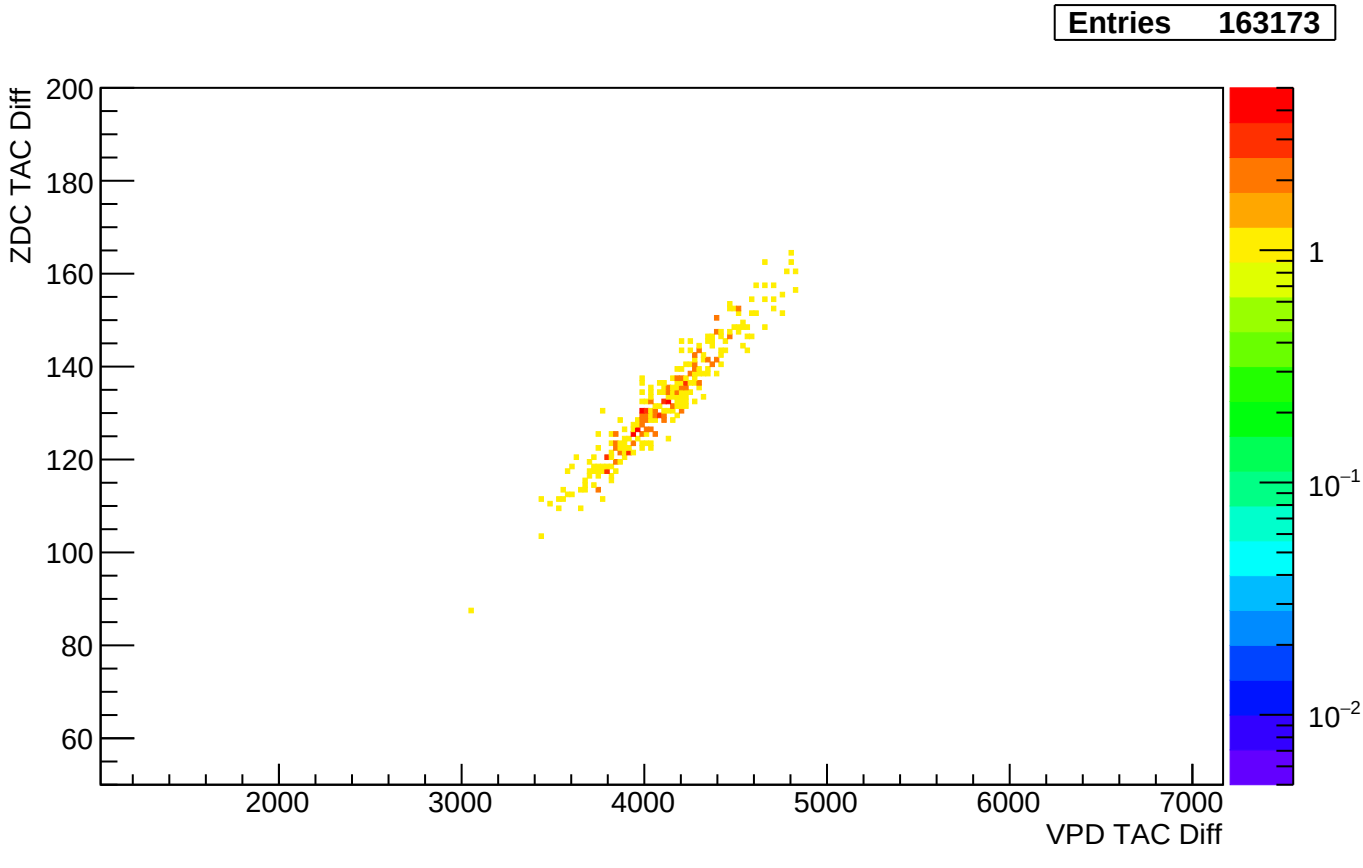

Entries 163173
TOF-Mult
EPD-East Hit Cnt

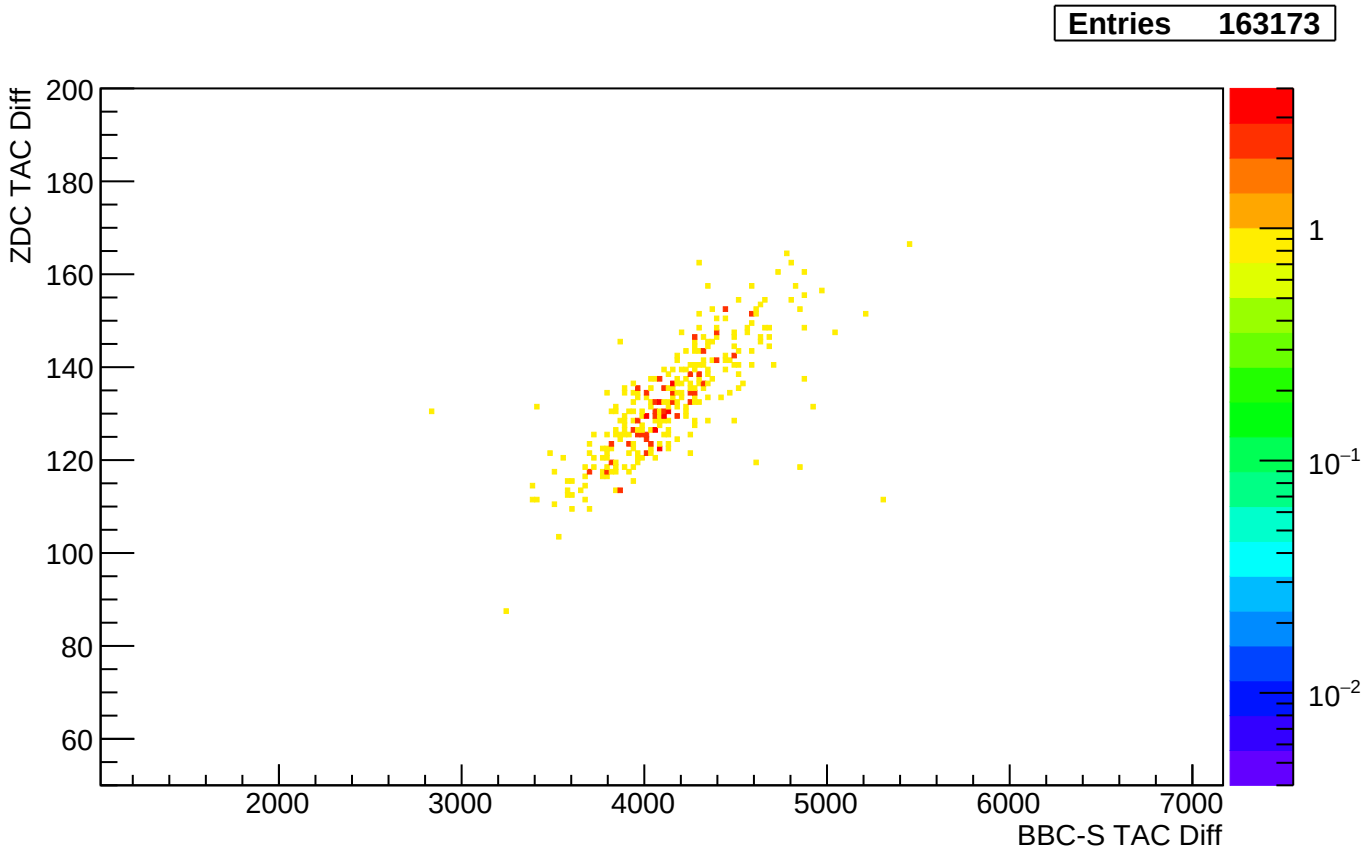

Entries 163173
TOF-Mult
EPD-West Hit Cnt

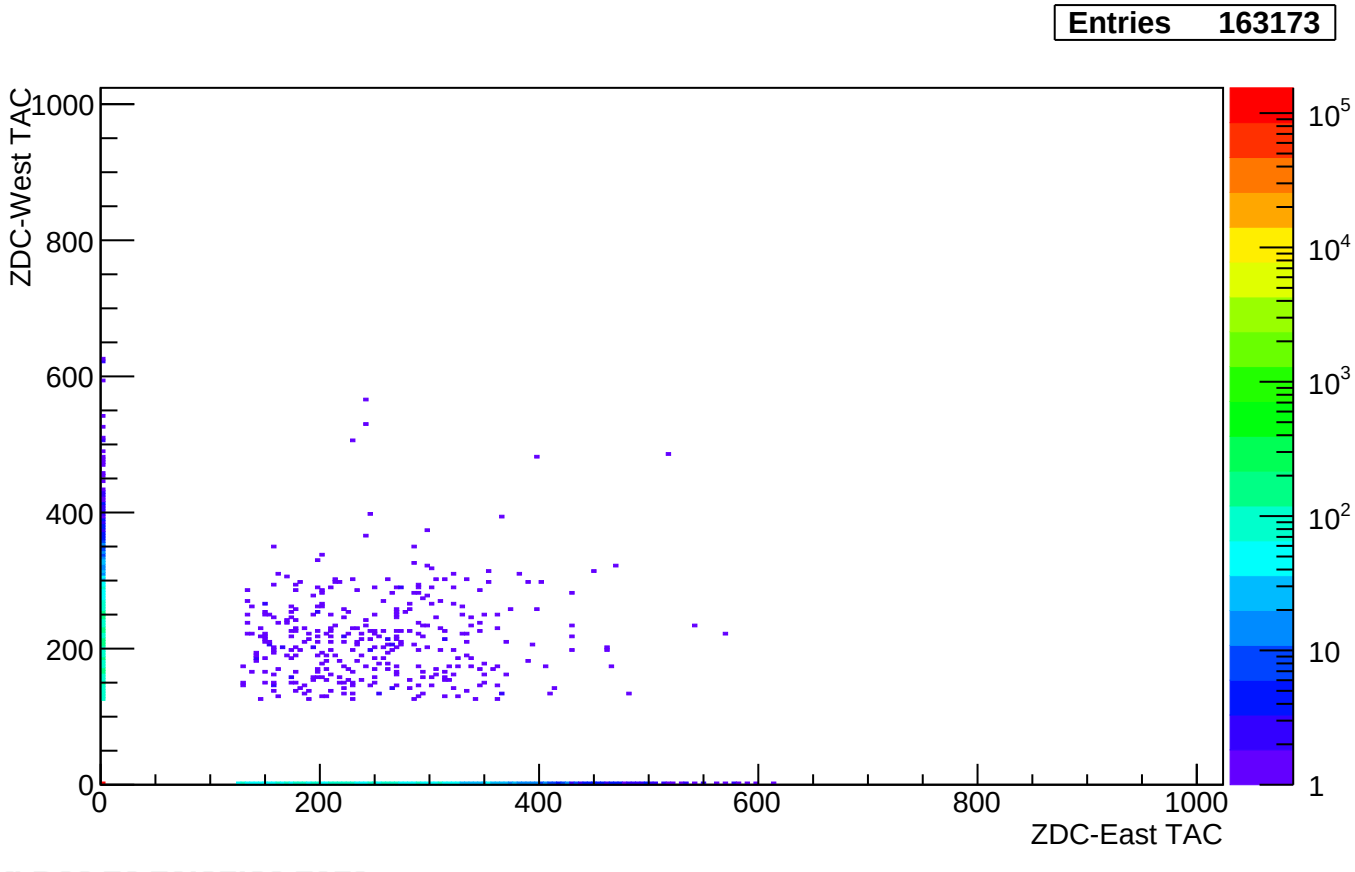

Entries 163173
TOF-Mult
VPD-East ADC Sum

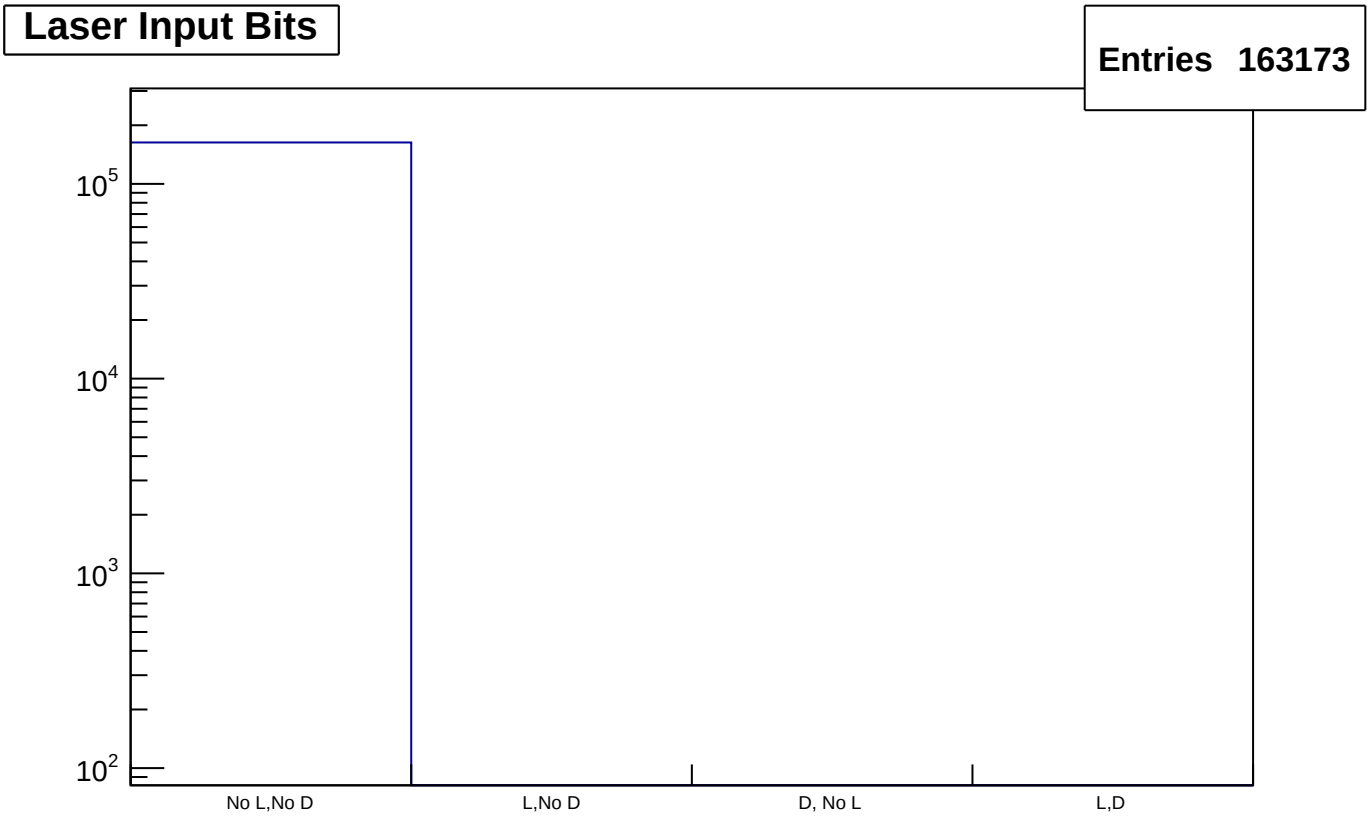

Entries 163173
TOF-Mult
VPD-West ADC Sum

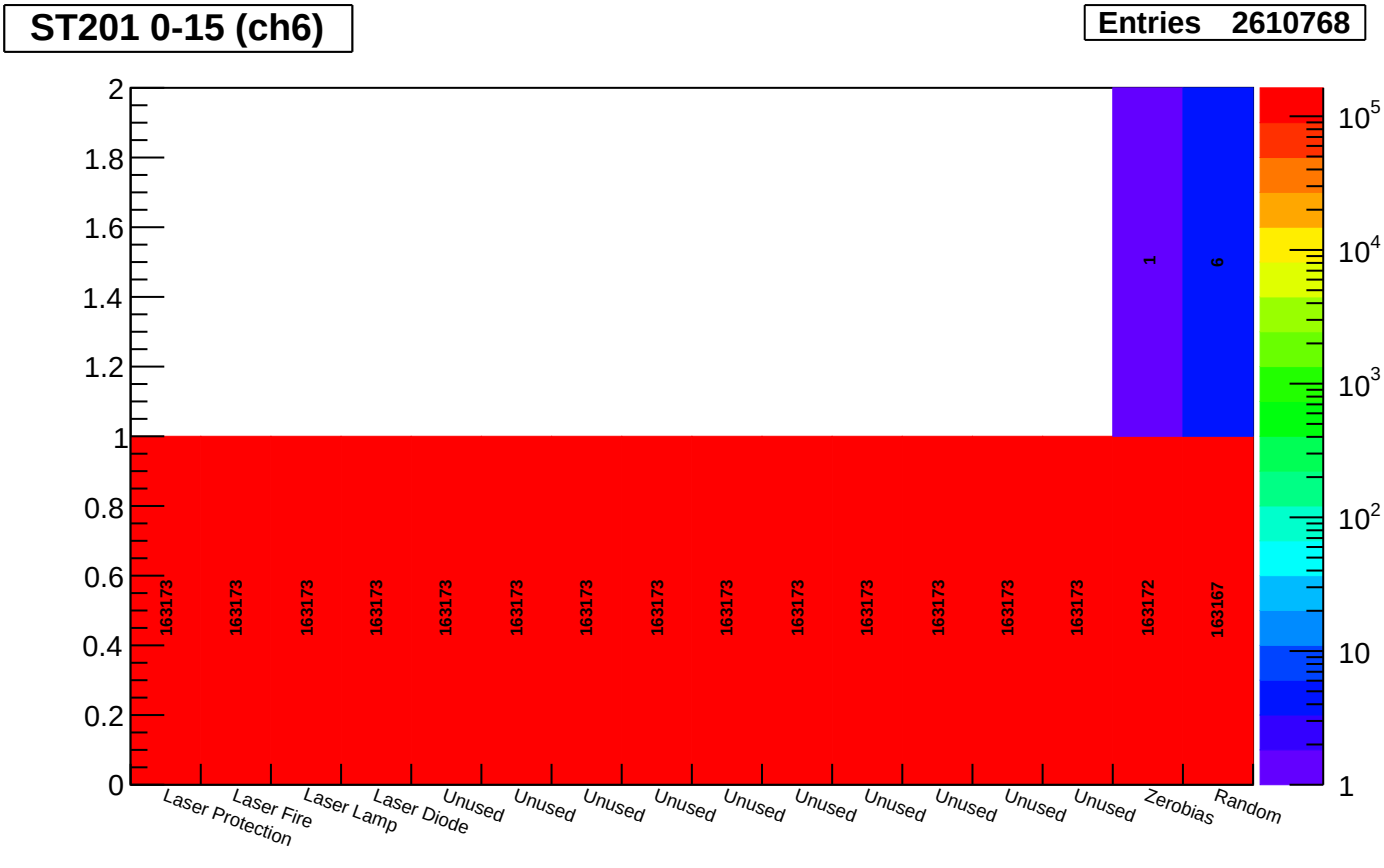

Entries 163173
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

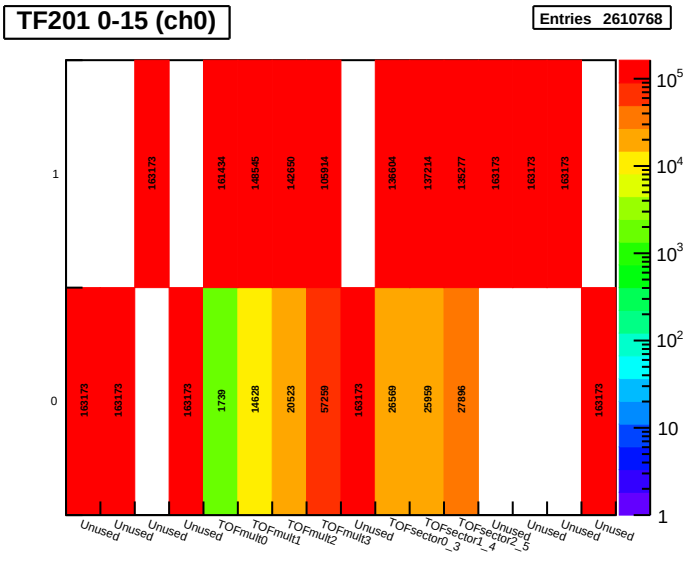

Entries 163173
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

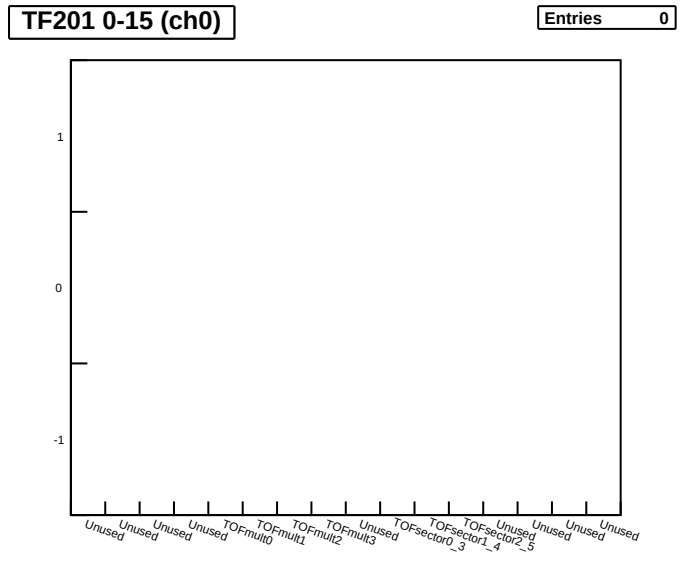

Entries 163173
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

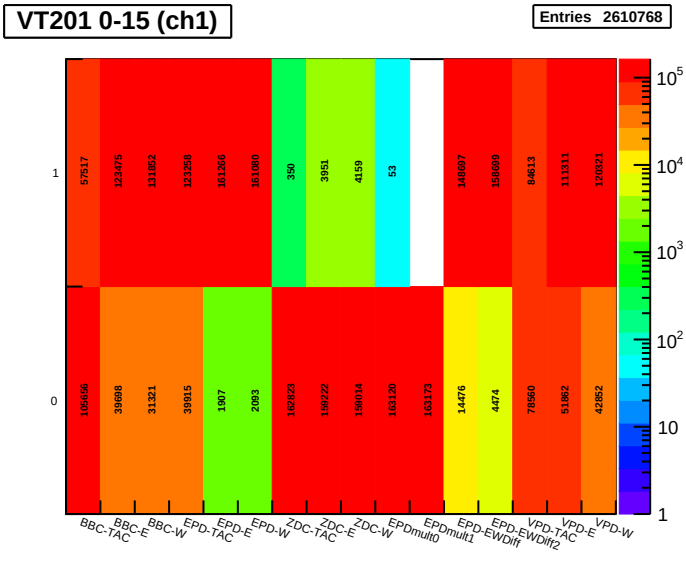

Entries 163173
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

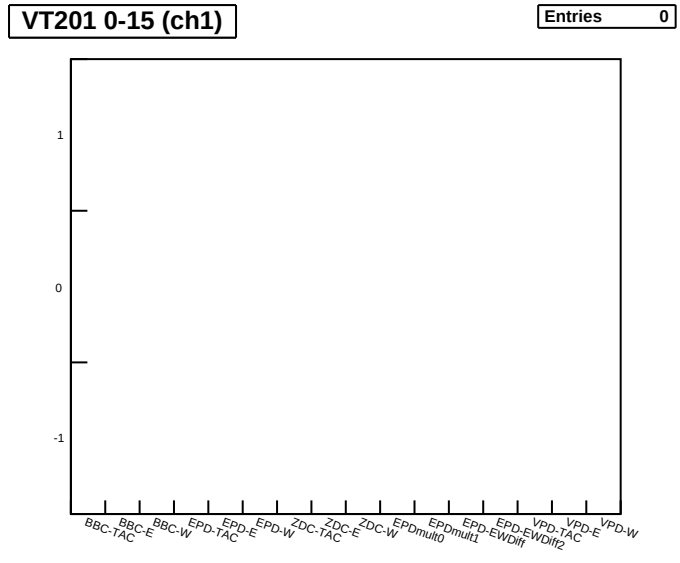

Laser Input Bits
Entries 163173
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

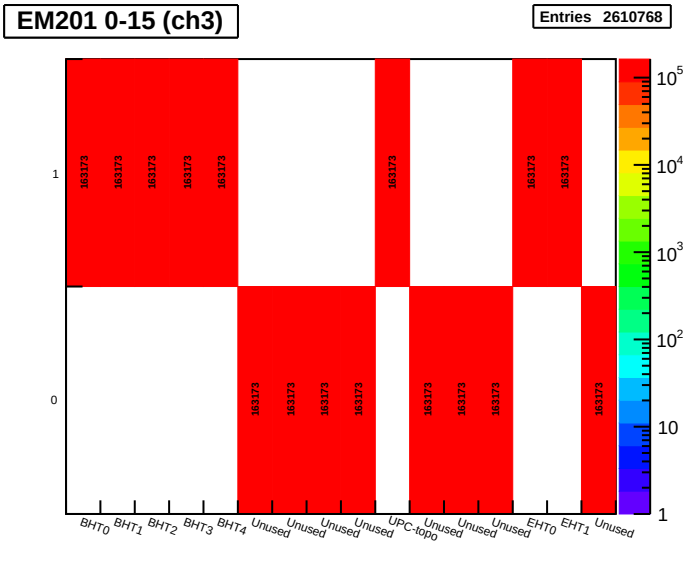

ST201 0-15 (ch6)
Entries 2610768
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
163173
163173
163173
163173
163173
163173
163173
163173
163173
163173
163173
163173
163173
163173
163172
163167
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

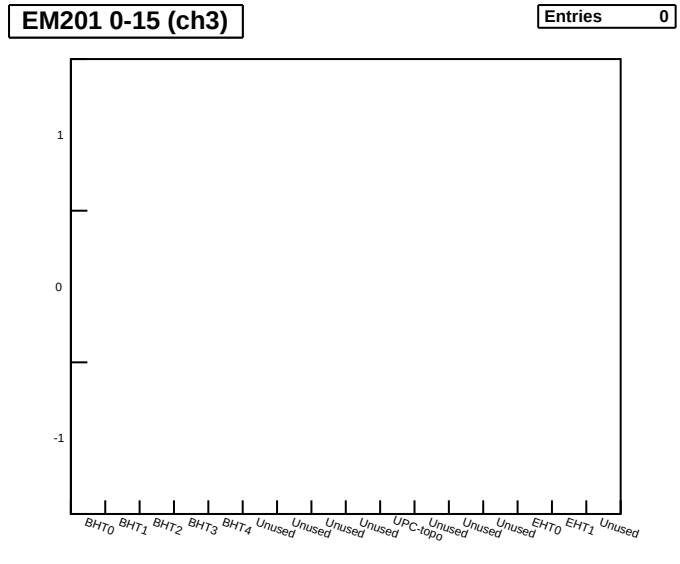

TF201 0-15 (ch0)
Entries 2610768
1
0
163173 161434 148545 142650 105914 136604 137214 135277 163173 163173 163173
163173 163173 163173 1739 14628 20523 57259 163173 26569 25959 27896 163173
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 2610768
1
0
57517 123475 131652 123258 161256 161080 350 3951 4159 53 148697 158699 84613 111311 120321
106656 39698 31321 39915 1907 2093 162823 159222 159014 163120 163173 14476 4474 78560 51862 42852
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 2610768
1
0
163173 163173 163173 163173 163173 163173 163173 163173
163173 163173 163173 163173 163173 163173 163173 163173
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