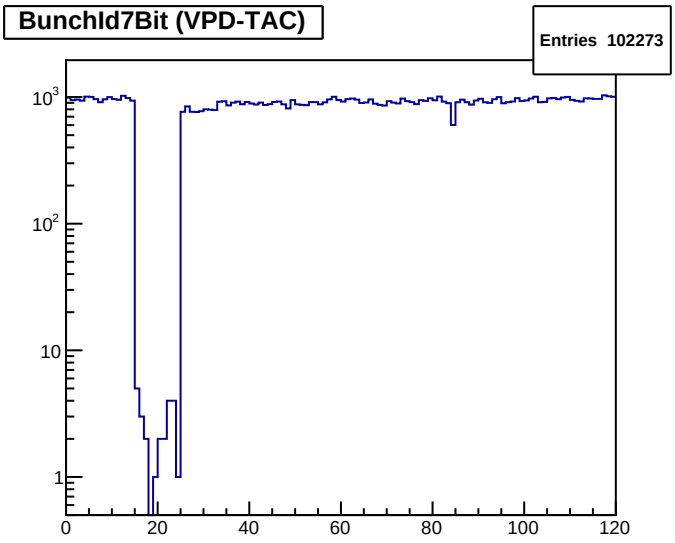
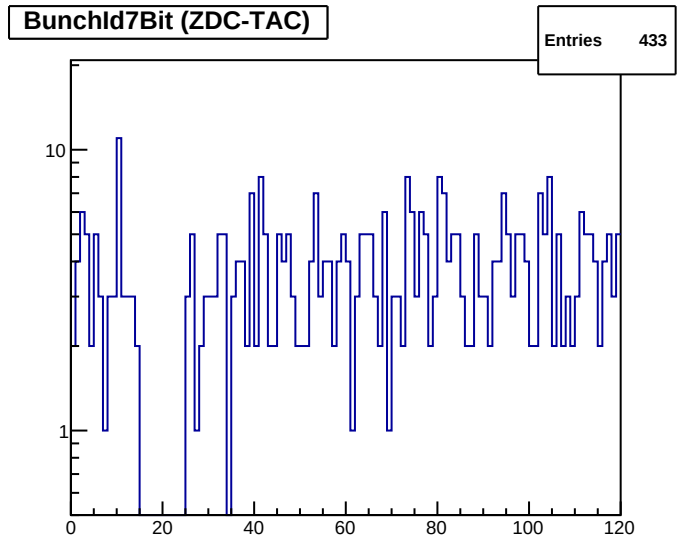
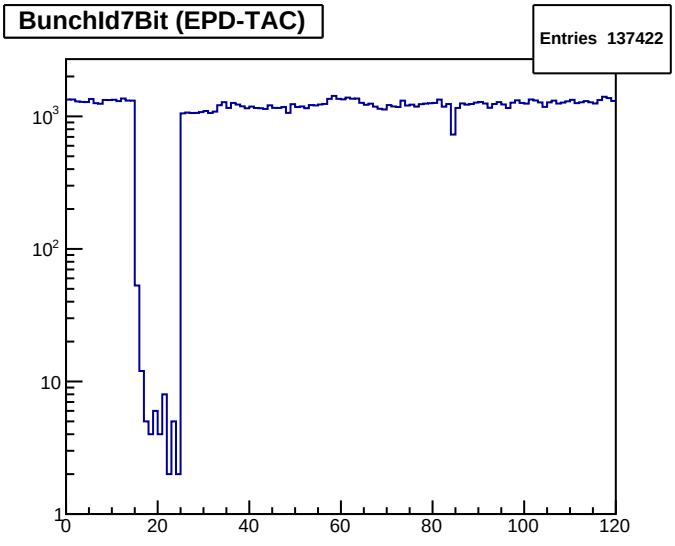
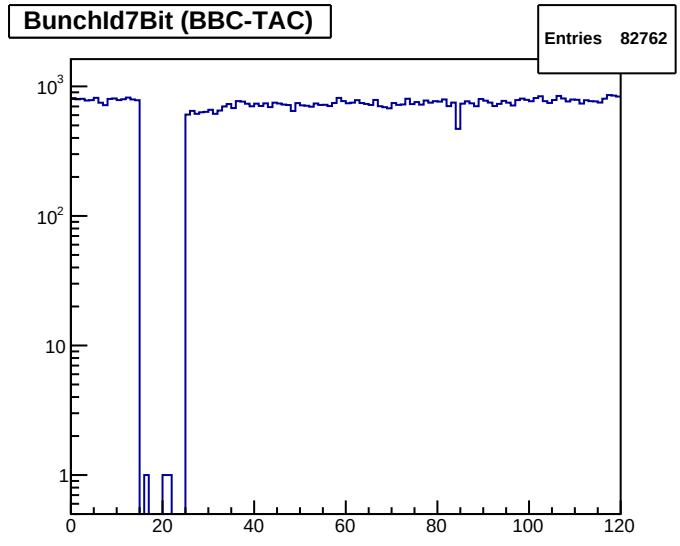
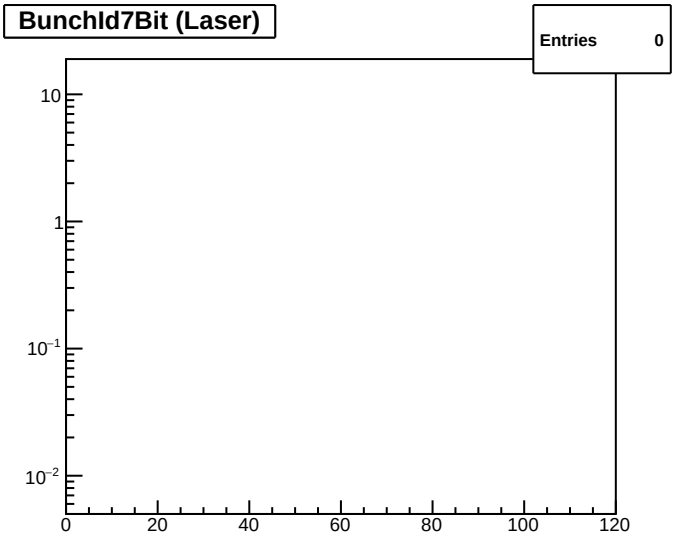
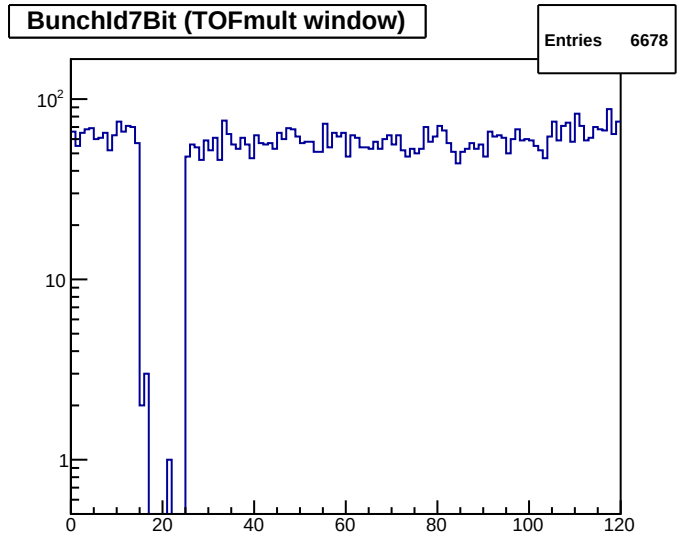

BunchId7Bit (VPD-TAC)
Entries 102273

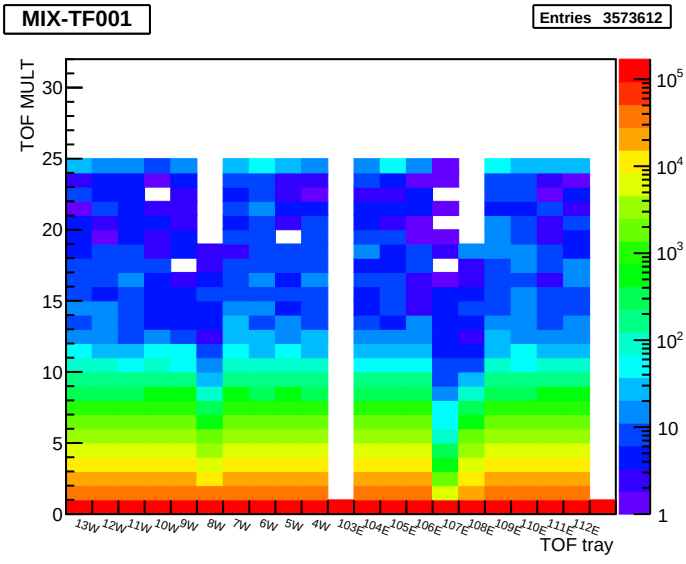

BunchId7Bit (ZDC-TAC)
Entries 433

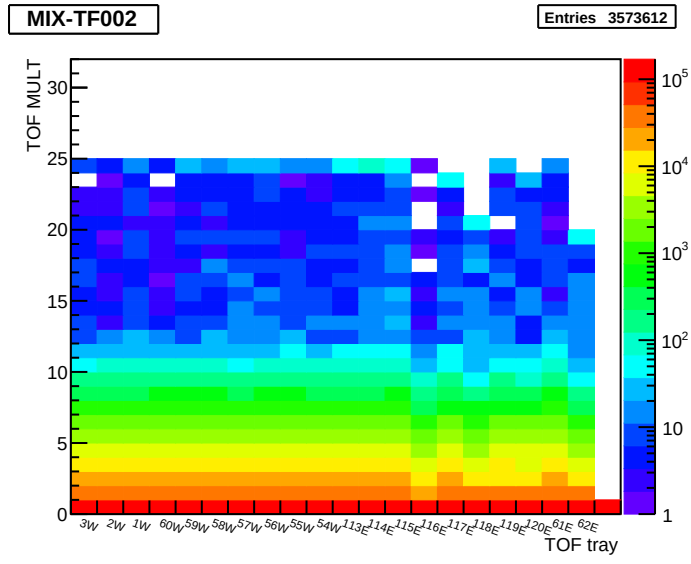

BunchId7Bit (EPD-TAC)
Entries 137422

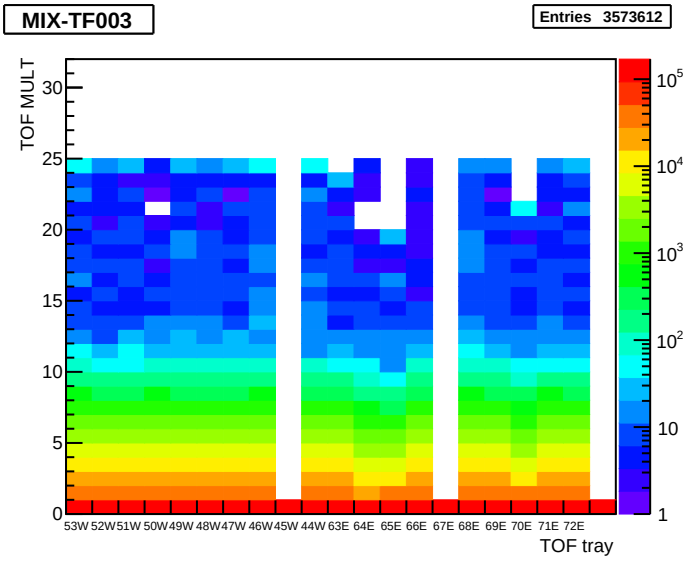

BunchId7Bit (BBC-TAC)
Entries 82762

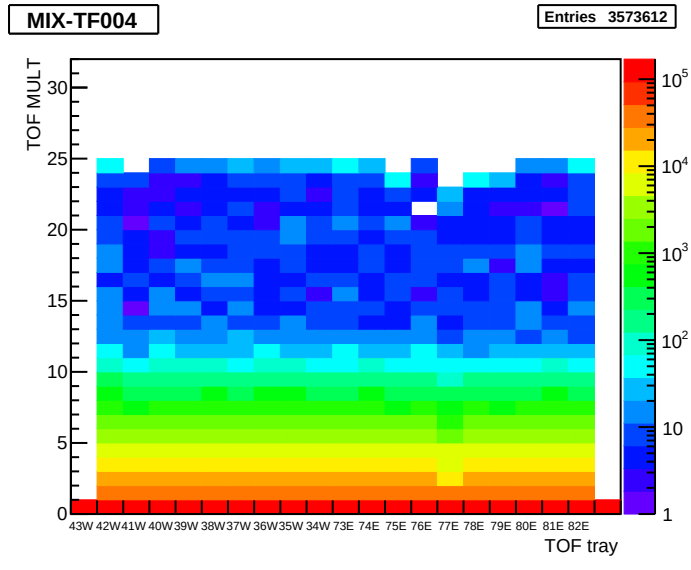

BunchId7Bit (Laser)
Entries 0

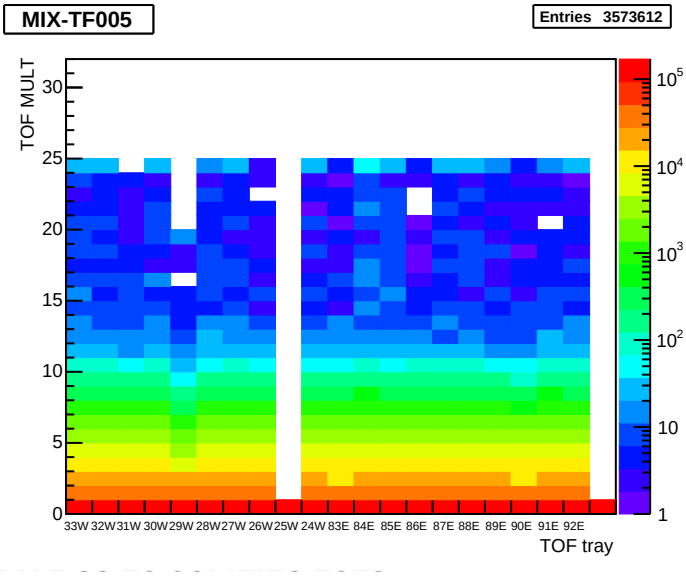

BunchId7Bit (TOFmult window)
Entries 6678

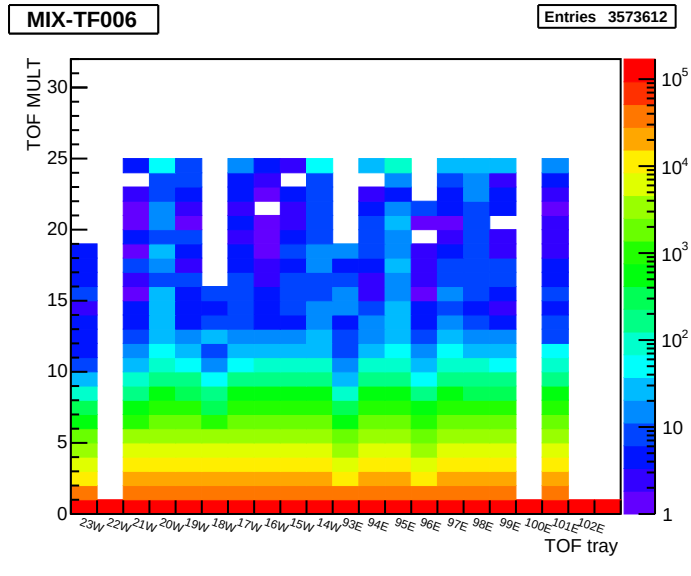

MIX-TF001
Entries 3573612
TOF MULT
TOF tray

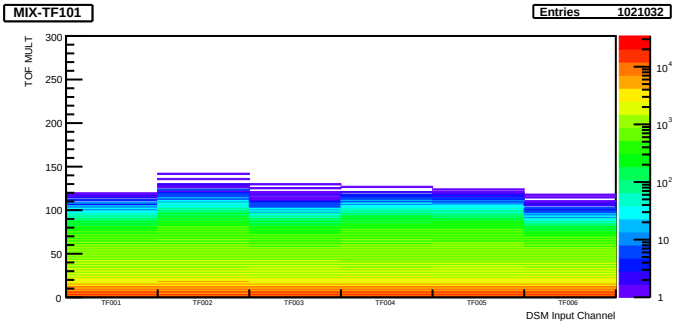

MIX-TF002
Entries 3573612
TOF MULT
TOF tray

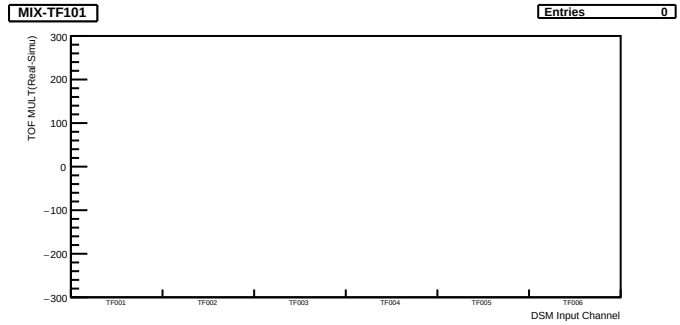

MIX-TF003
Entries 3573612
TOF MULT
TOF tray

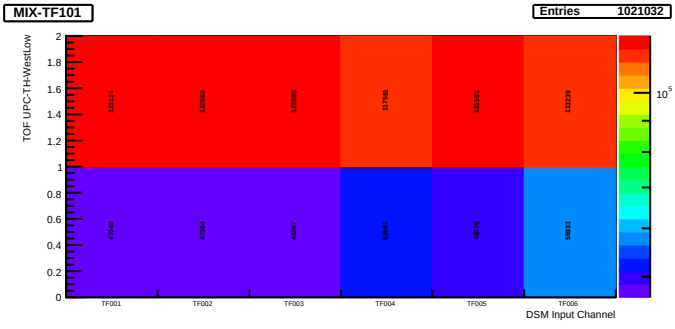

MIX-TF004
Entries 3573612
TOF MULT
TOF tray

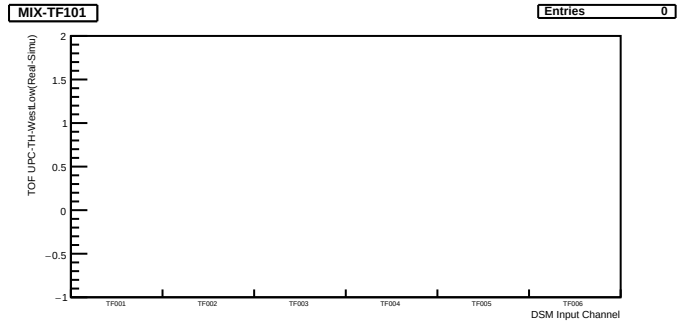

MIX-TF005
Entries 3573612
TOF MULT
TOF tray

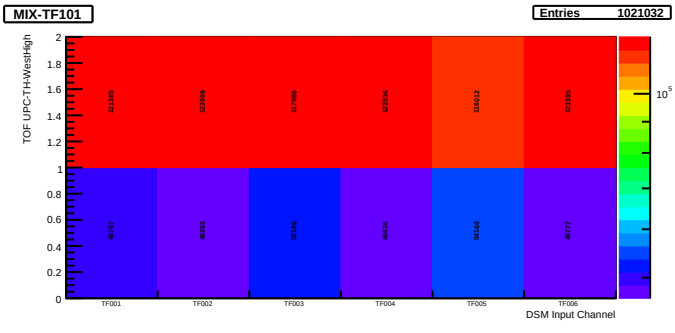

MIX-TF006
Entries 3573612
TOF MULT
TOF tray

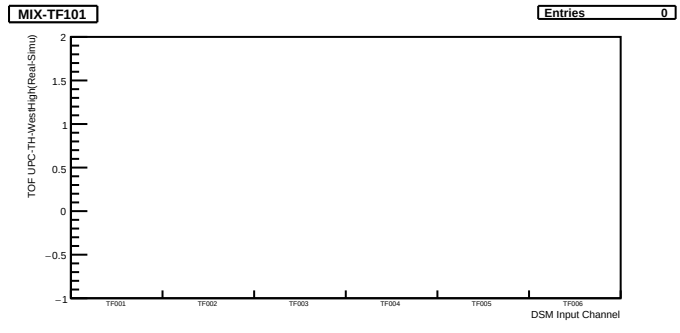

MIX-TF101
Entries 1021032
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

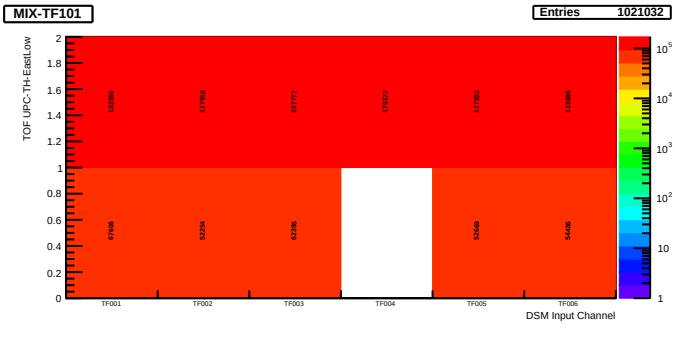

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

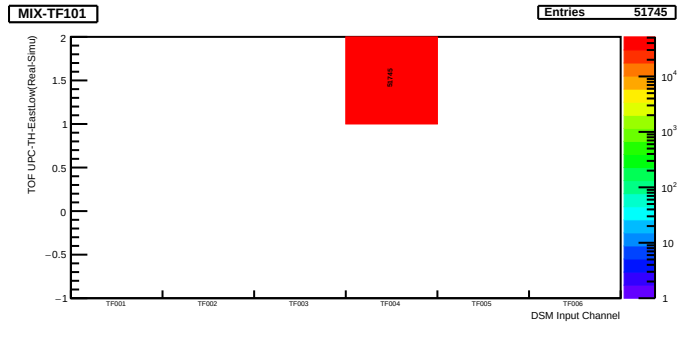

MIX-TF101
Entries 1021032
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

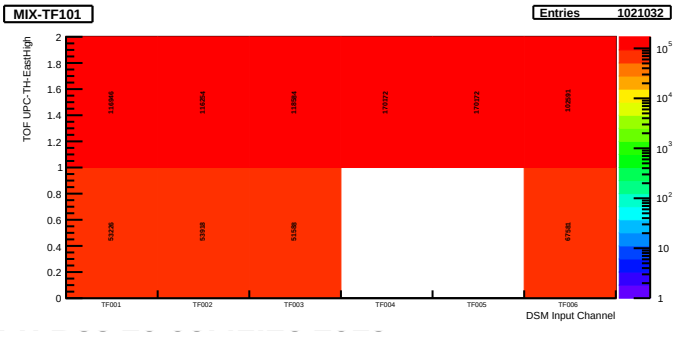

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

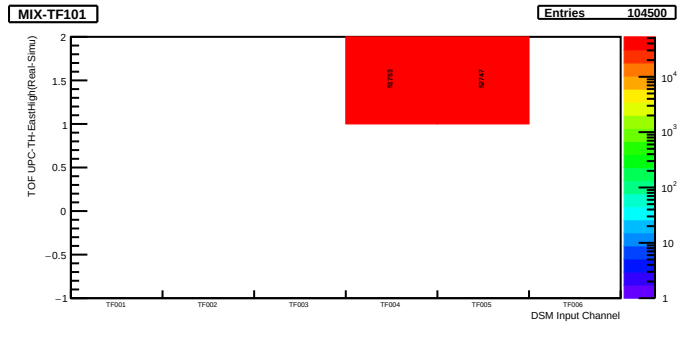

MIX-TF101
Entries 1021032
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

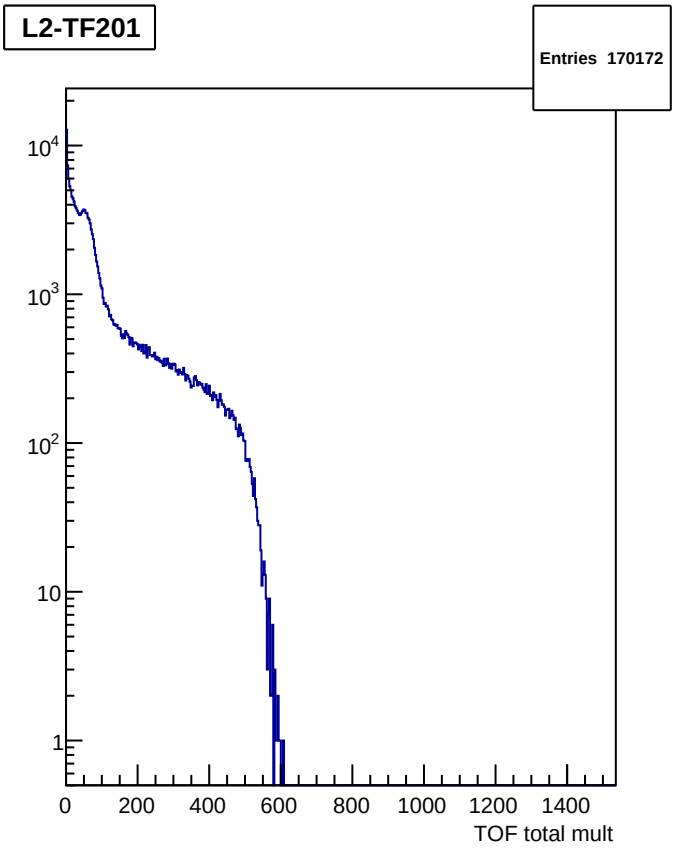

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

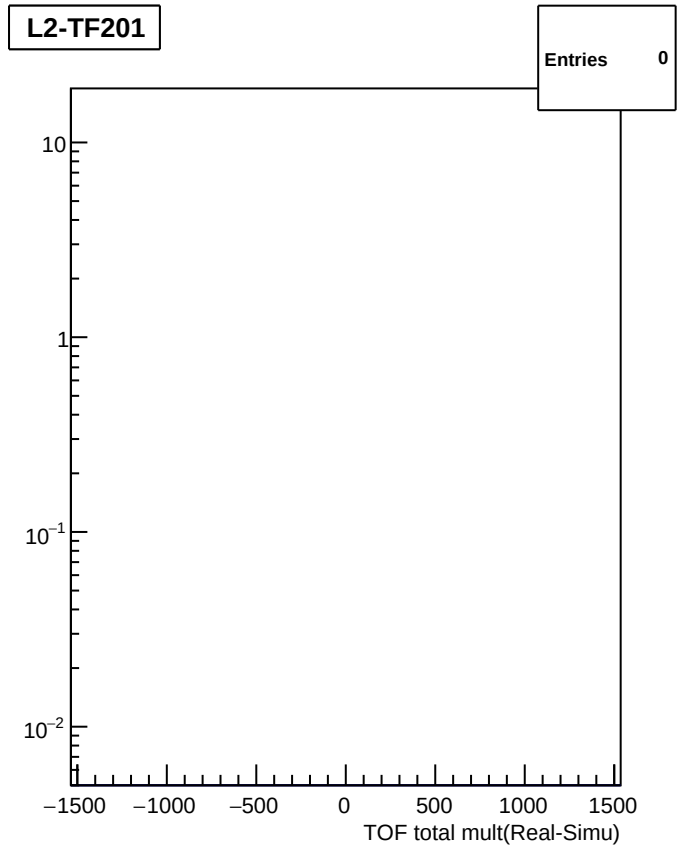

MIX-TF101
Entries 1021032
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

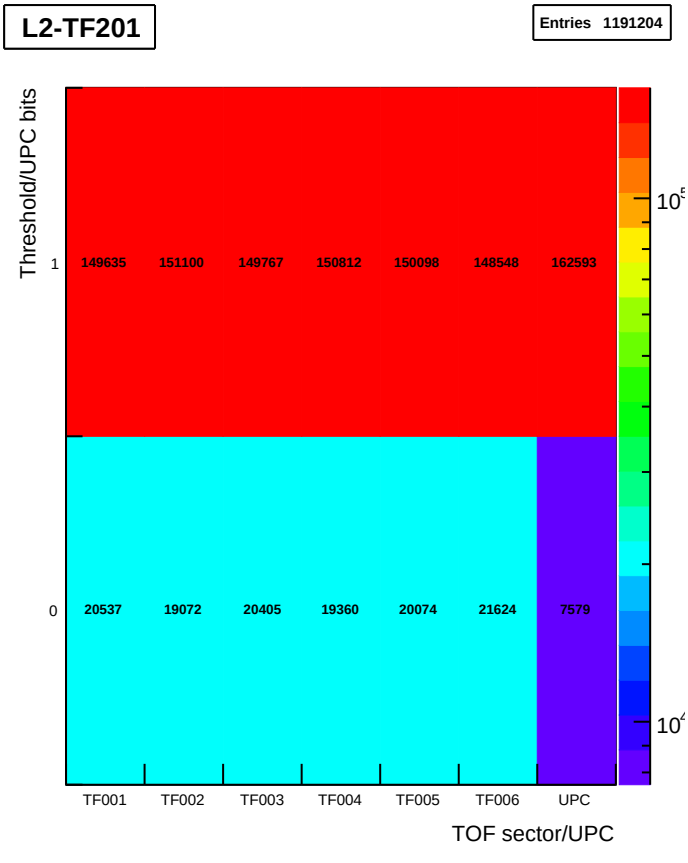

MIX-TF101
Entries 51745
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

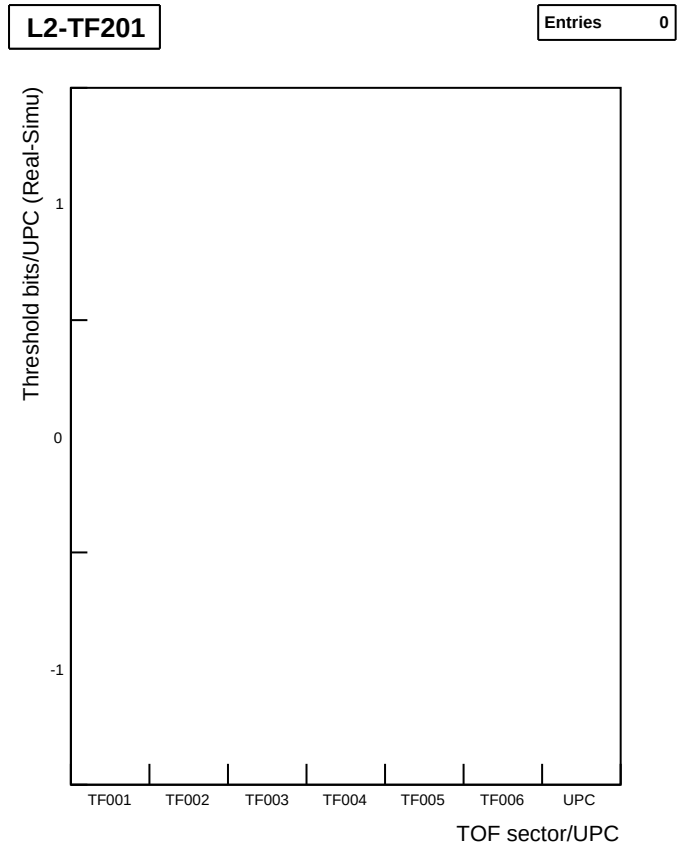

MIX-TF101
Entries 1021032
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

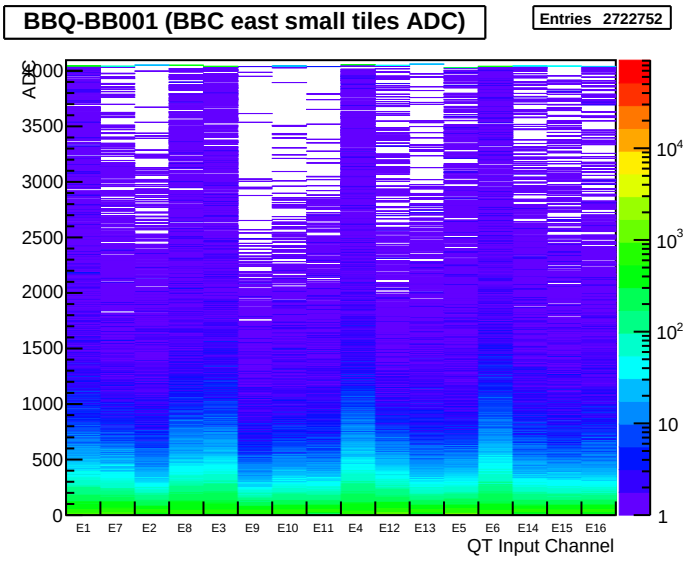

MIX-TF101
Entries 104500
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

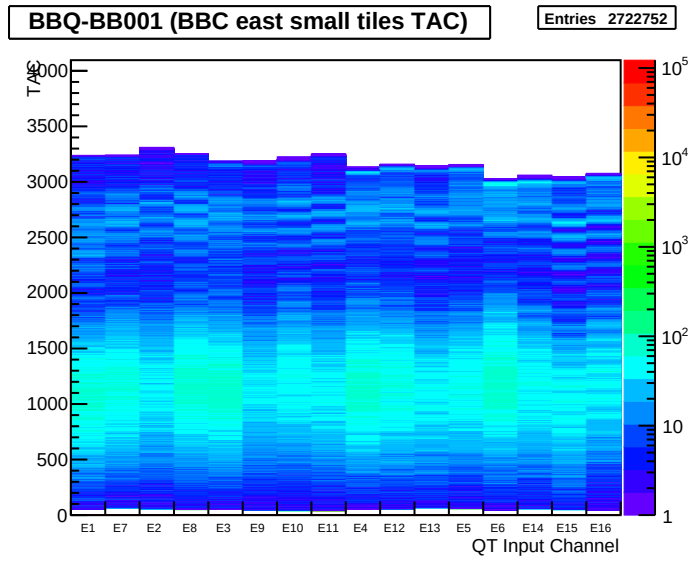

L2-TF201
Entries 170172
TOF total mult

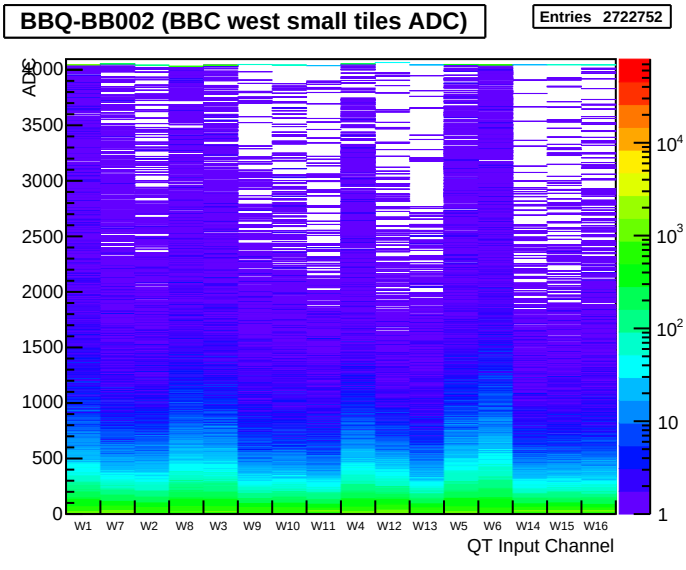

L2-TF201
Entries 0
TOF total mult(Real-Simu)

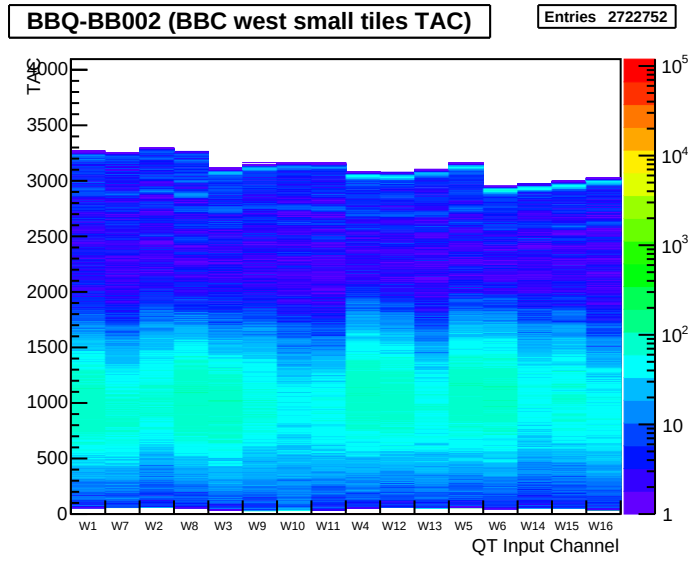

L2-TF201
Entries 1191204
Threshold/UPC bits
149635 151100 149767 150812 150098 148548 162593
20537 19072 20405 19360 20074 21624 7579
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

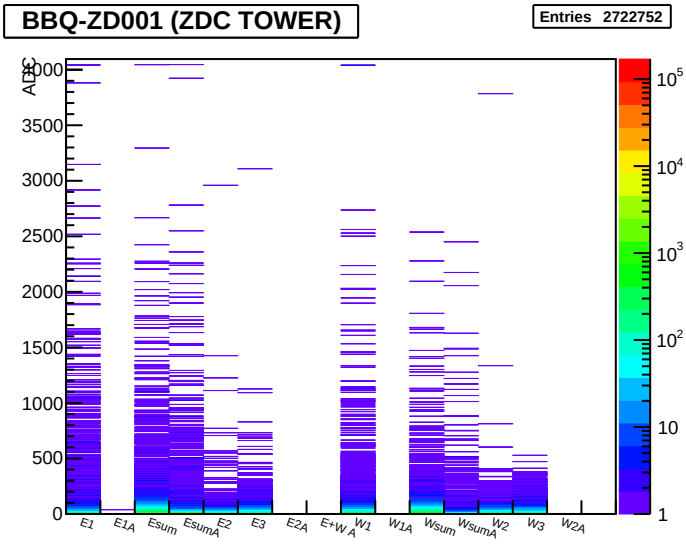

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

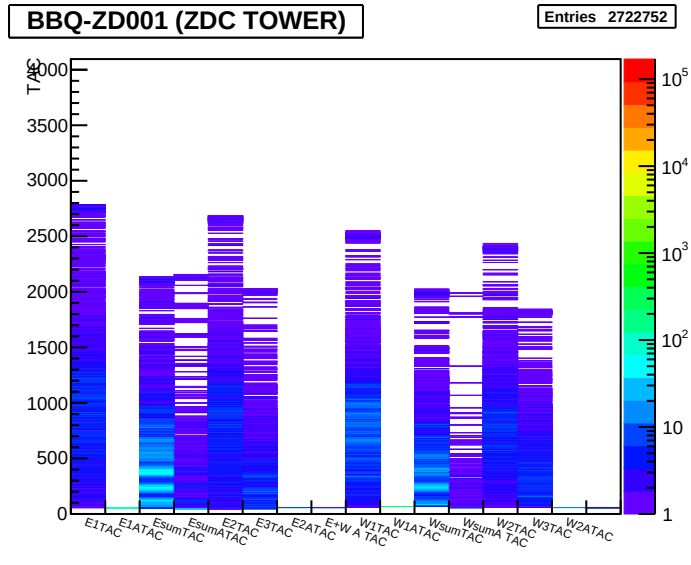

BBQ-BB001 (BBC east small tiles ADC)
Entries 2722752
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

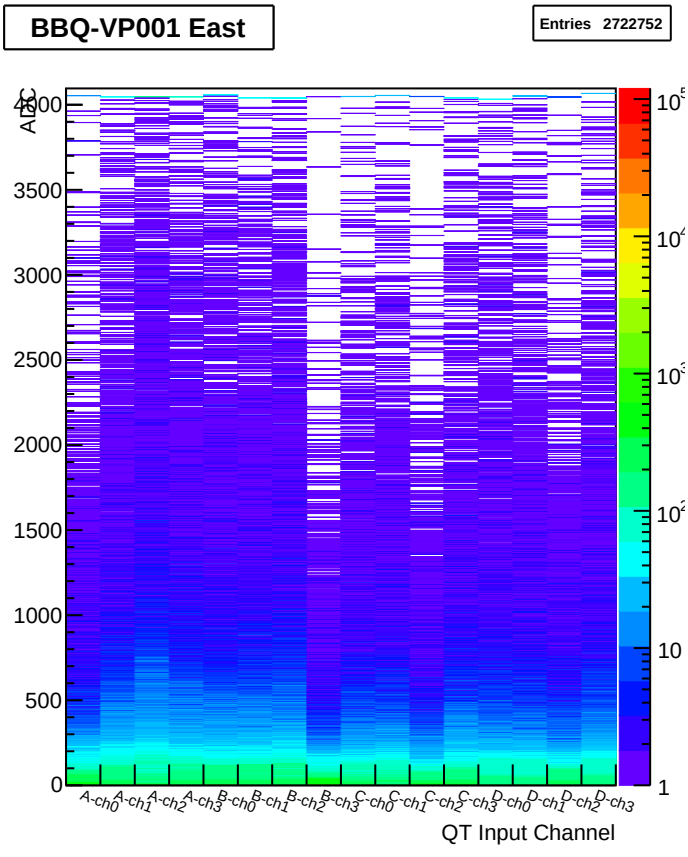

BBQ-BB001 (BBC east small tiles TAC)
Entries 2722752
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

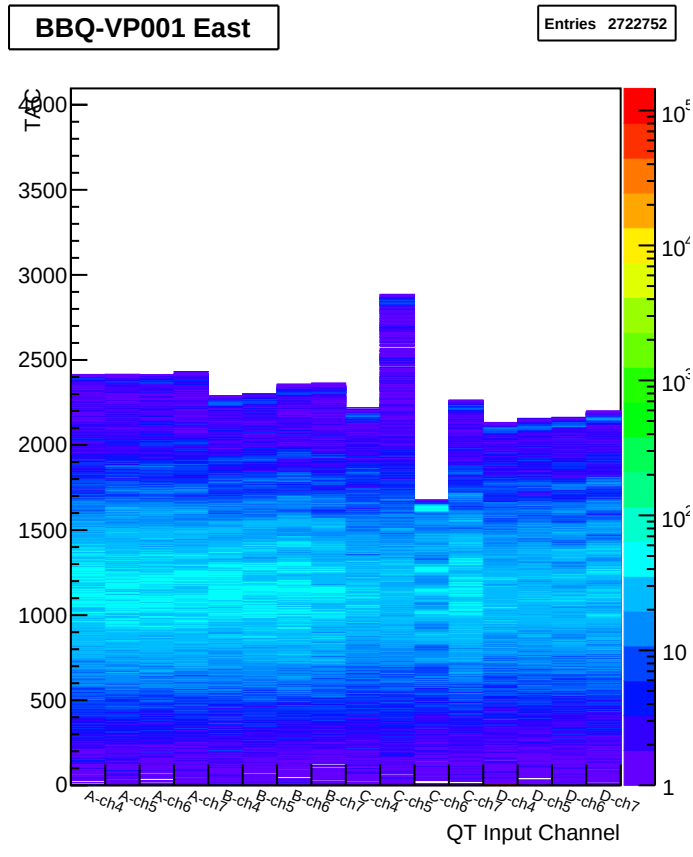

BBQ-BB002 (BBC west small tiles ADC)
Entries 2722752
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

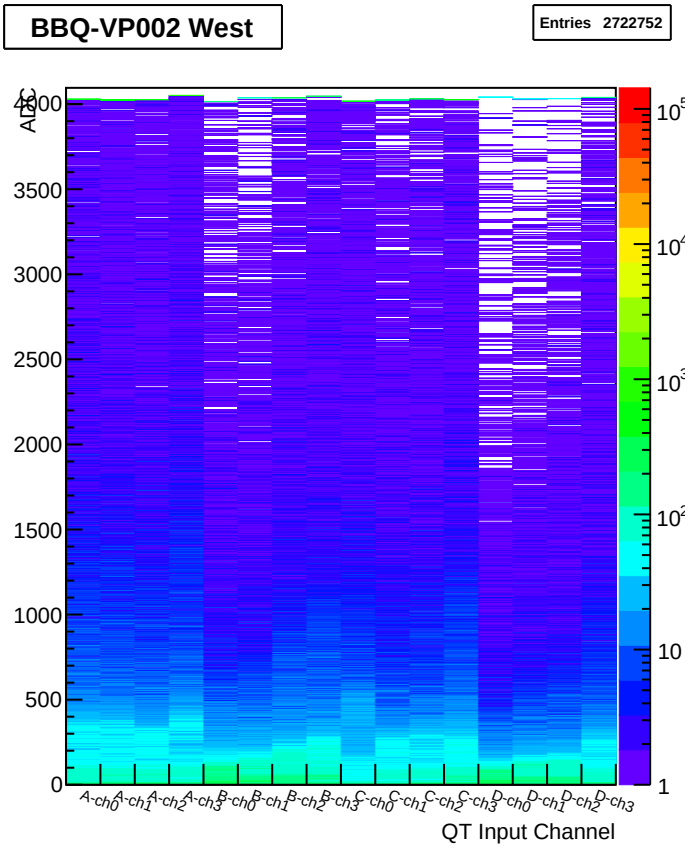

BBQ-BB002 (BBC west small tiles TAC)
Entries 2722752
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

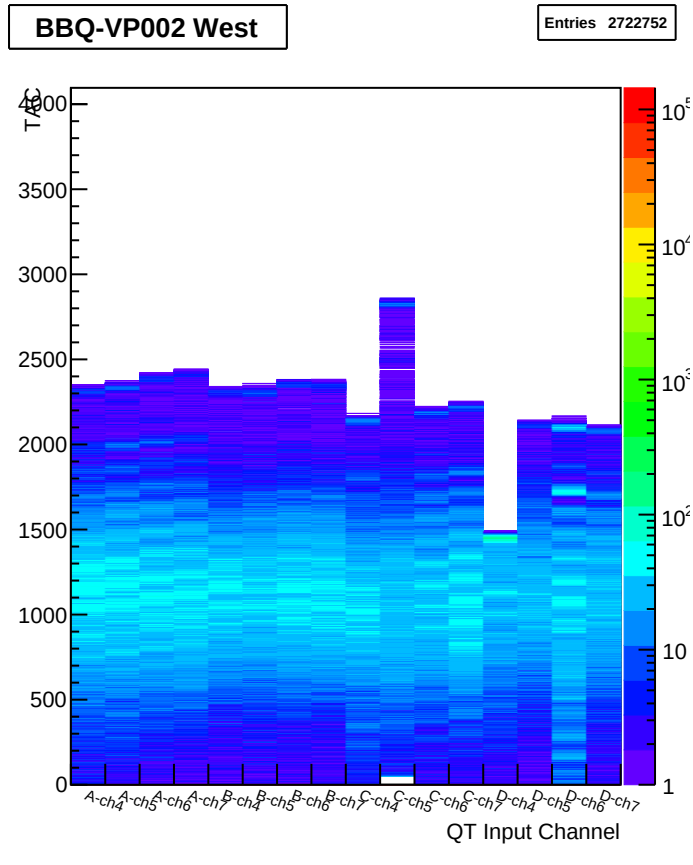

BBQ-ZD001 (ZDC TOWER)
Entries 2722752
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

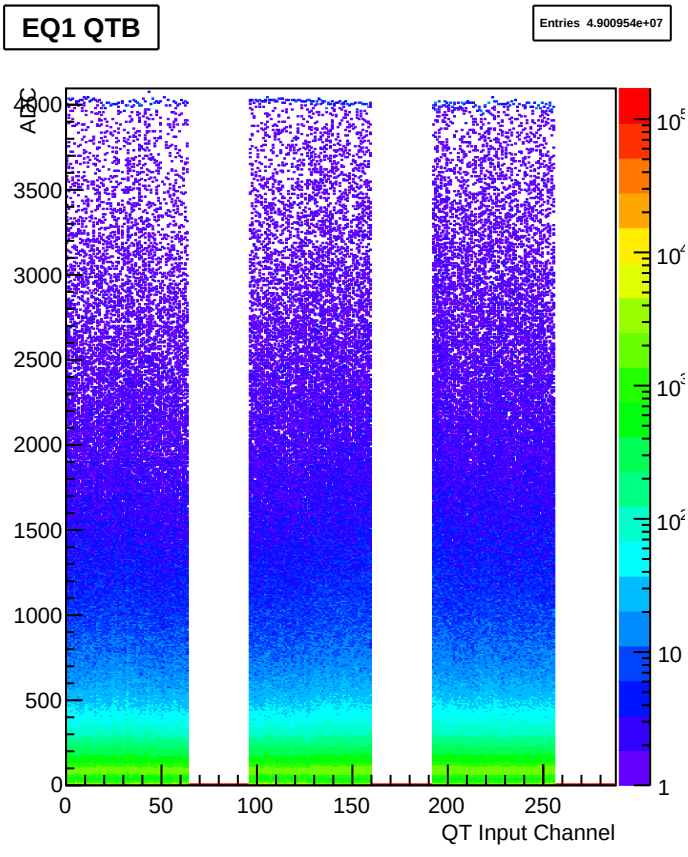

BBQ-ZD001 (ZDC TOWER)
Entries 2722752
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

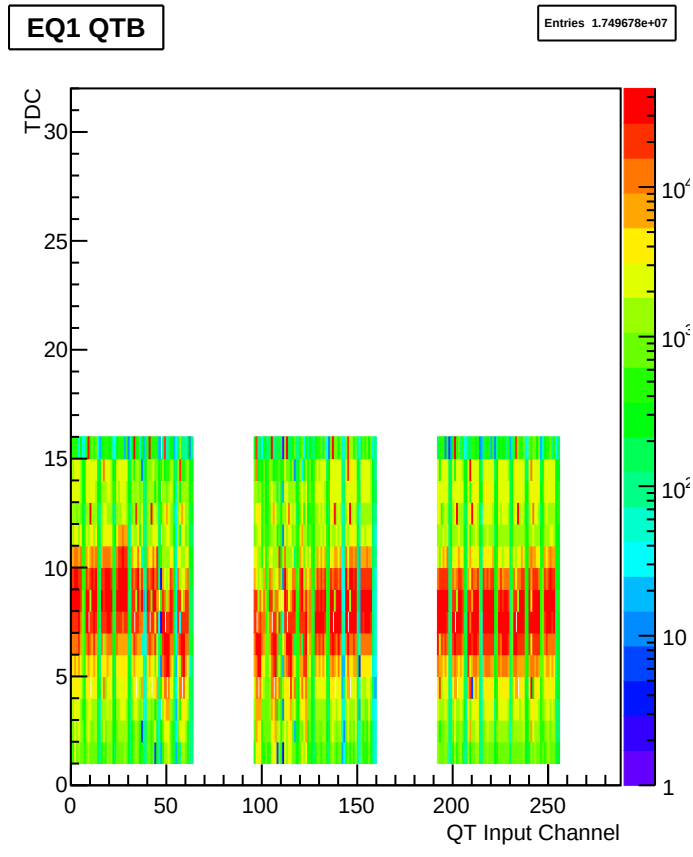

BBQ-VP001 East
Entries 2722752
ADC
QT Input Channel

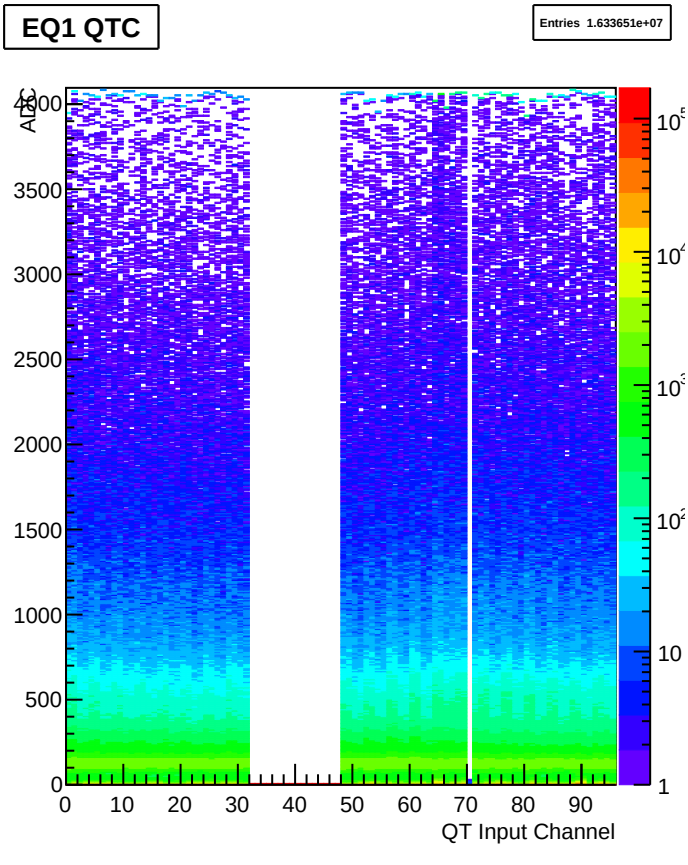

BBQ-VP001 East
Entries 2722752
TAC
QT Input Channel

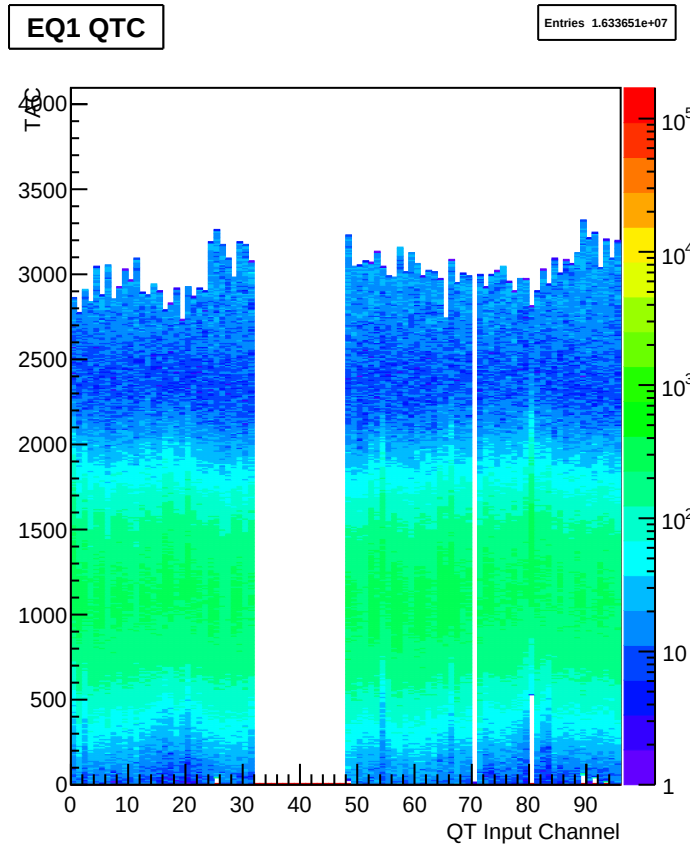

BBQ-VP002 West
Entries 2722752
ADC
QT Input Channel

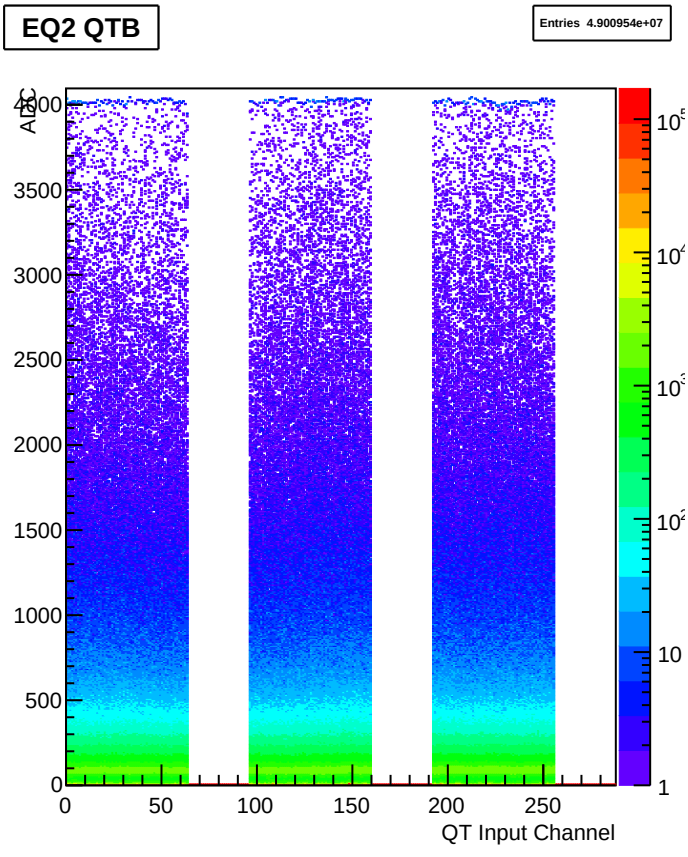

BBQ-VP002 West
Entries 2722752
TAC
QT Input Channel

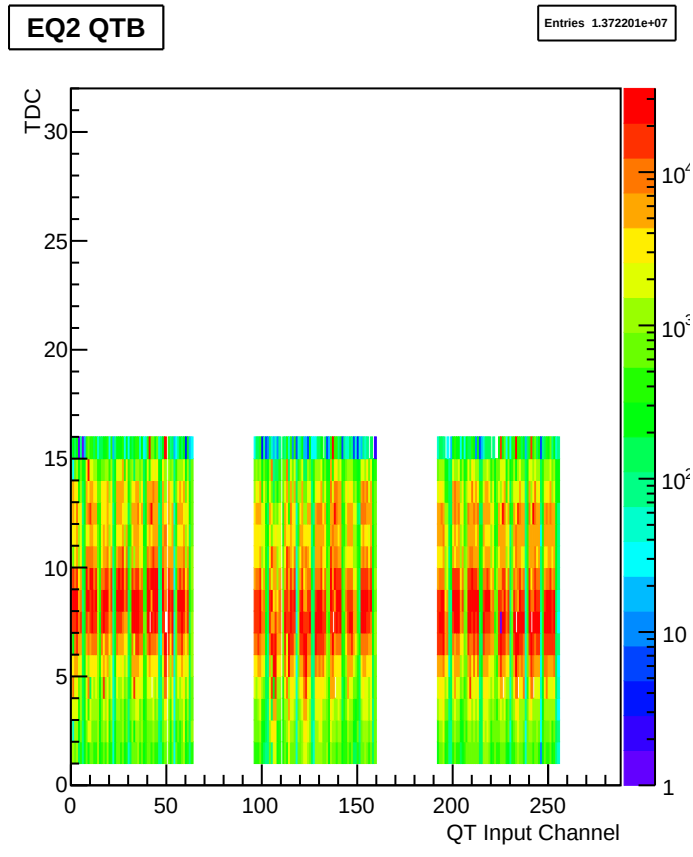

EQ1 QTB
Entries 4.900954e+07
ADC
QT Input Channel

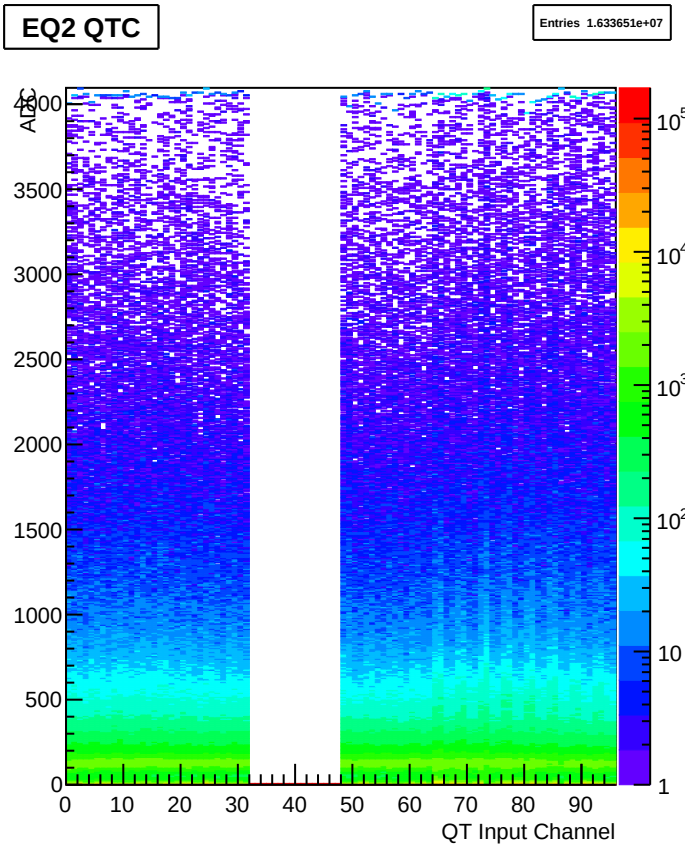

EQ1 QTB
Entries 1.749678e+07
TDC
QT Input Channel

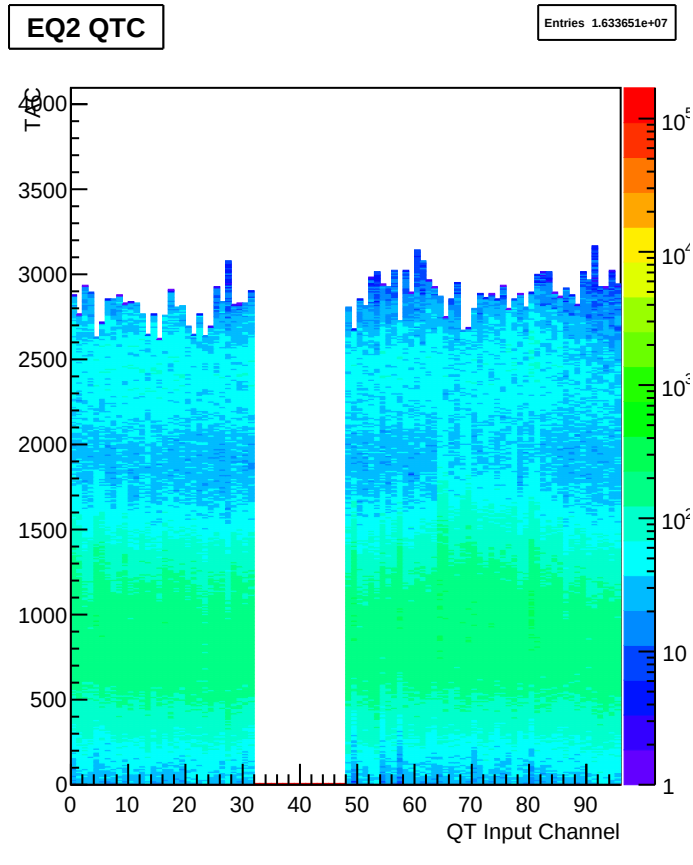

EQ1 QTC
Entries 1.633651e+07
ADC
QT Input Channel

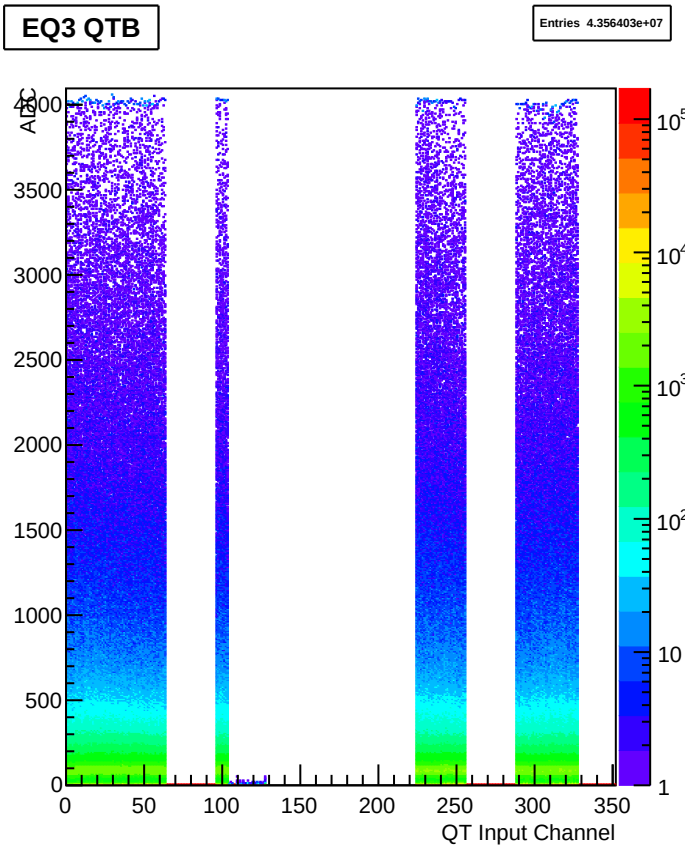

EQ1 QTC
Entries 1.633651e+07
TADC
QT Input Channel

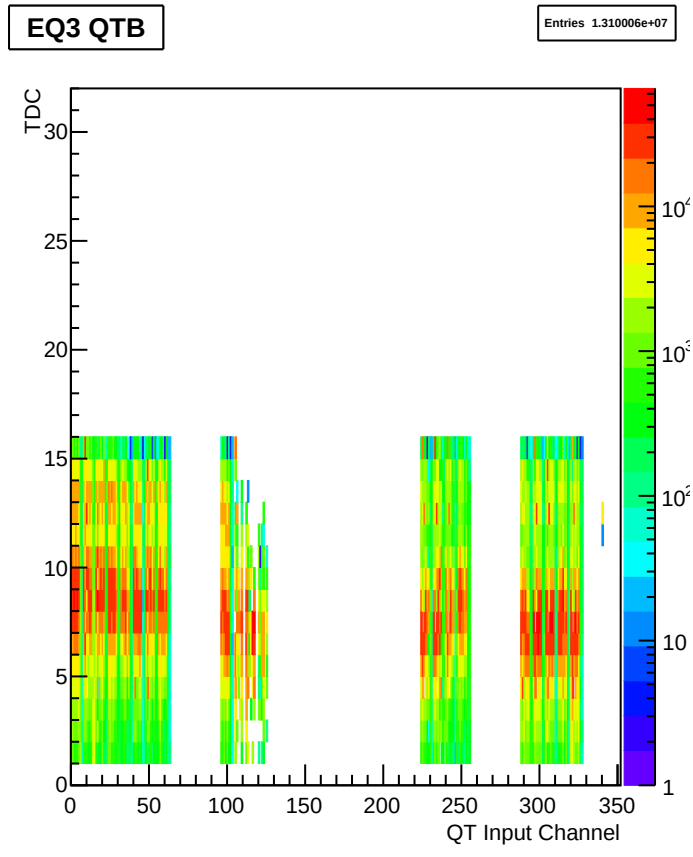

EQ2 QTB
Entries 4.900954e+07
ADC
QT Input Channel

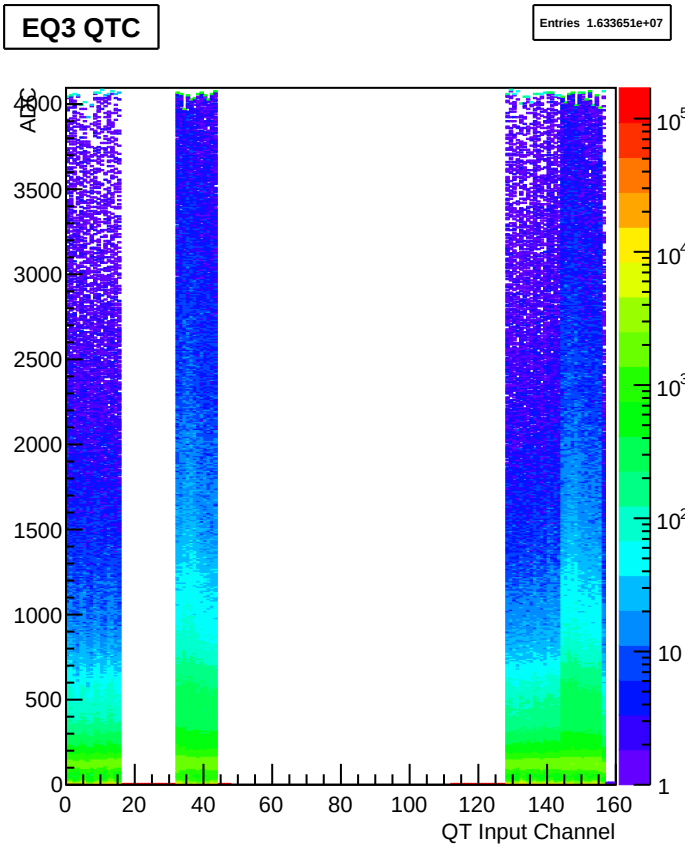

EQ2 QTB
Entries 1.372201e+07
TDC
QT Input Channel

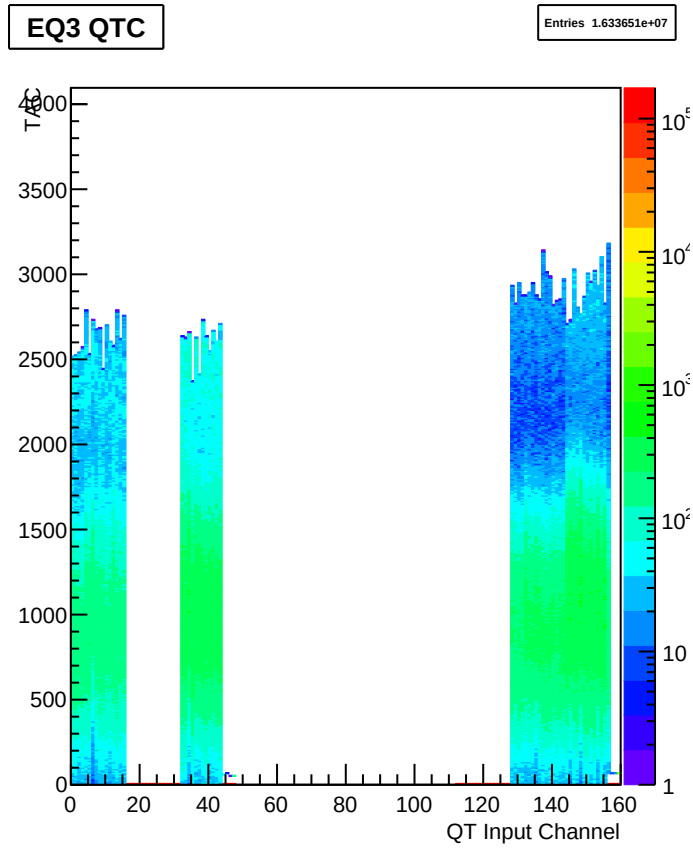

EQ2 QTC
Entries 1.633651e+07
ADC
QT Input Channel

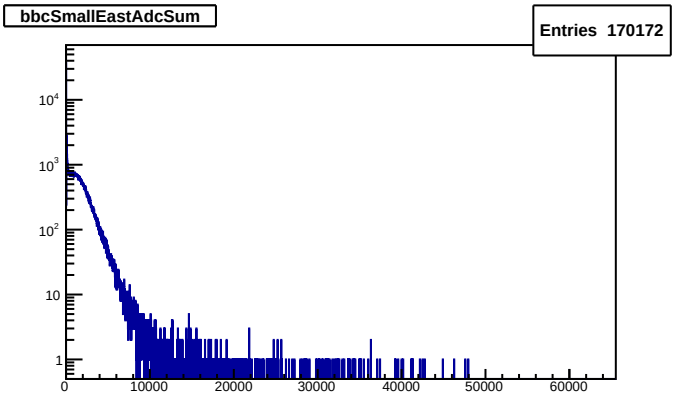

EQ2 QTC
Entries 1.633651e+07
TADC
QT Input Channel

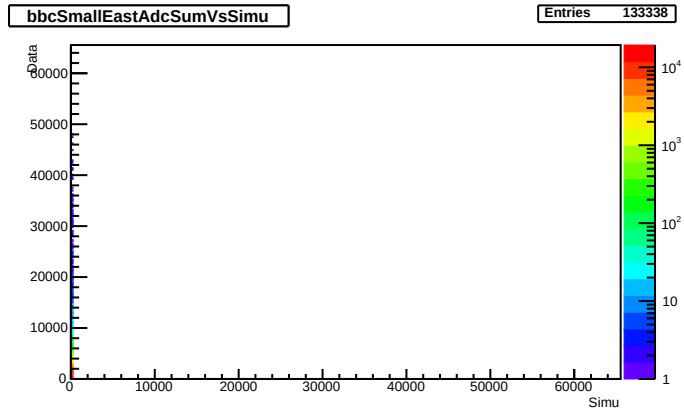

EQ3 QTB
Entries 4.356403e+07
ADC
QT Input Channel

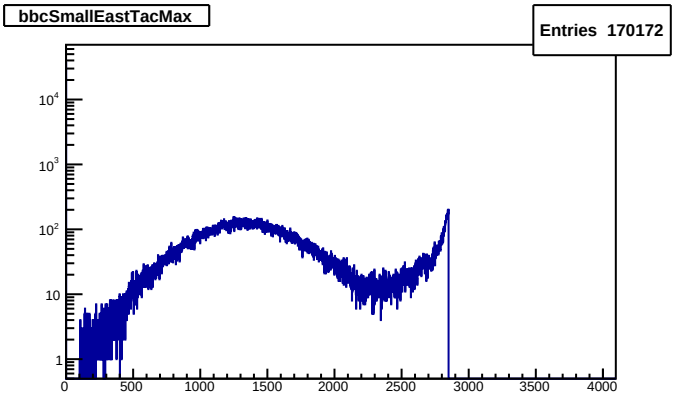

EQ3 QTB
Entries 1.310006e+07
TDC
QT Input Channel

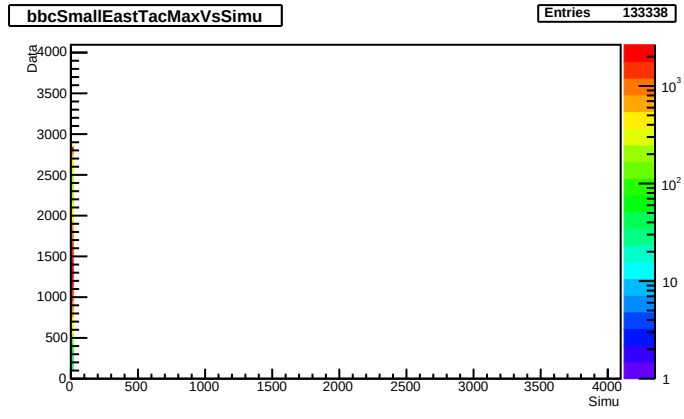

EQ3 QTC
Entries 1.633651e+07
ADC
QT Input Channel

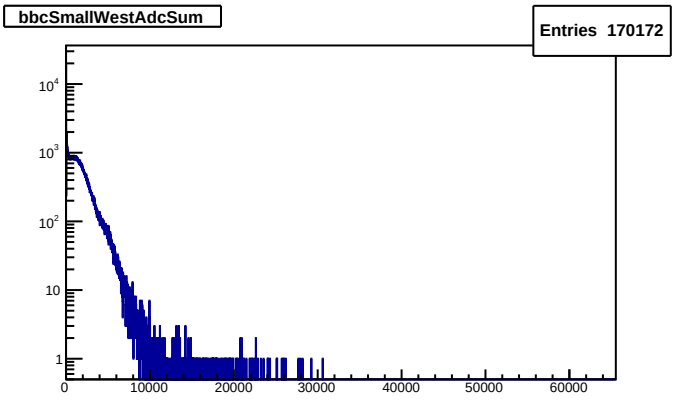

EQ3 QTC
Entries 1.633651e+07
TADC
QT Input Channel

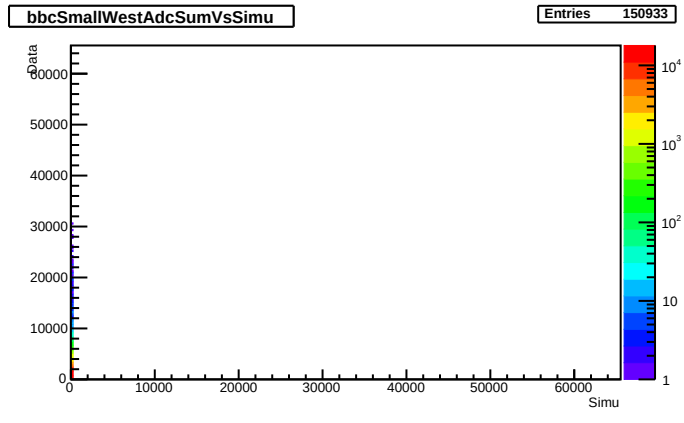

bbcSmallEastAdcSum
Entries 170172

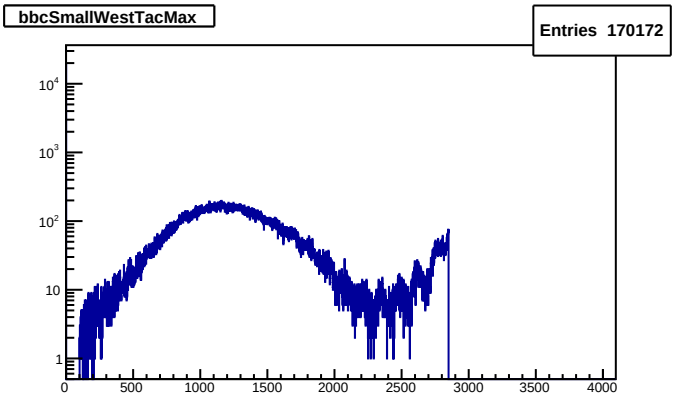

bbcSmallEastAdcSumVsSimu
Entries 133338
Data
Simu

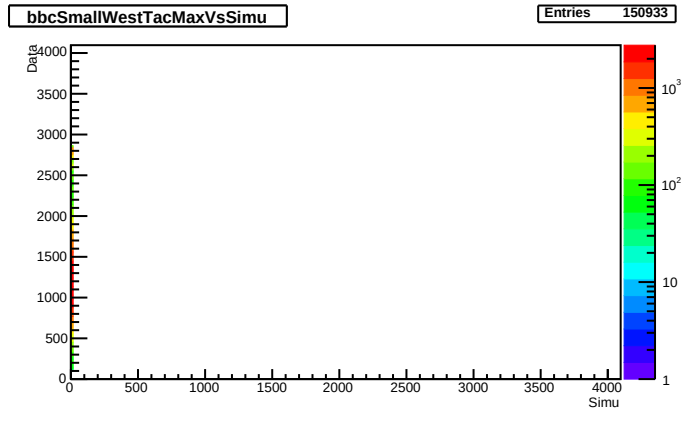

bbcSmallEastTacMax
Entries 170172

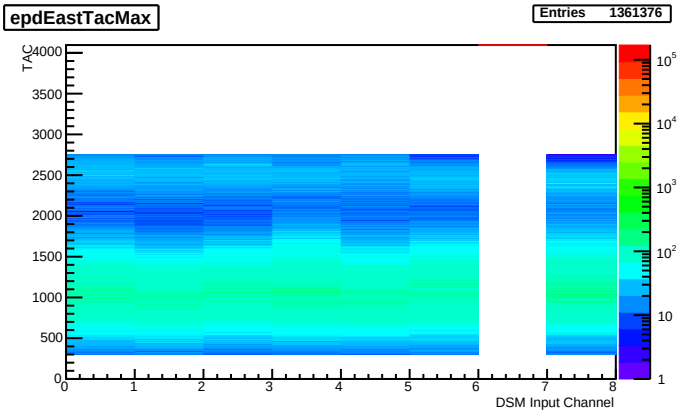

bbcSmallEastTacMaxVsSimu
Entries 133338
Data
Simu

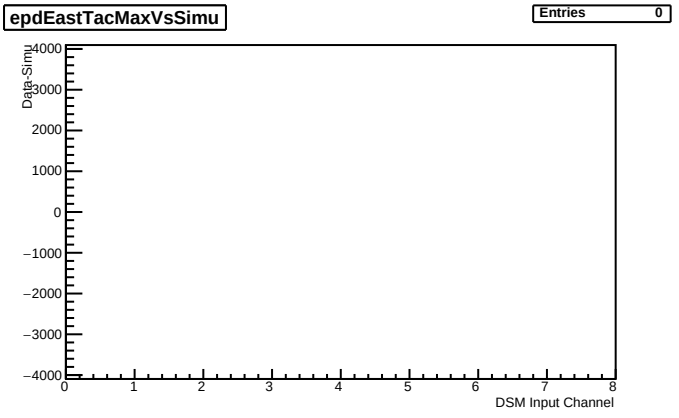

bbcSmallWestAdcSum
Entries 170172

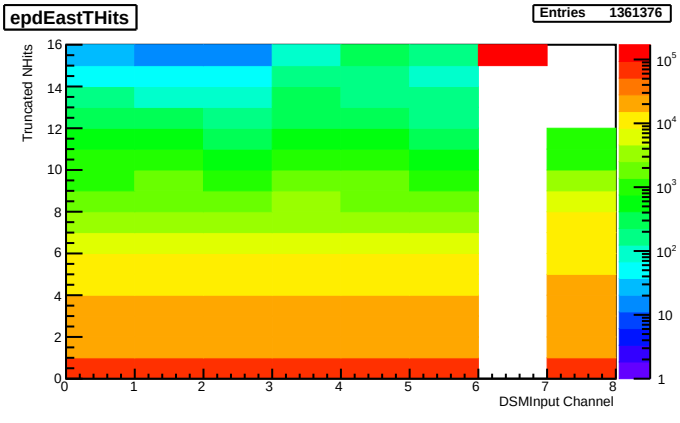

bbcSmallWestAdcSumVsSimu
Entries 150933
Data
Simu

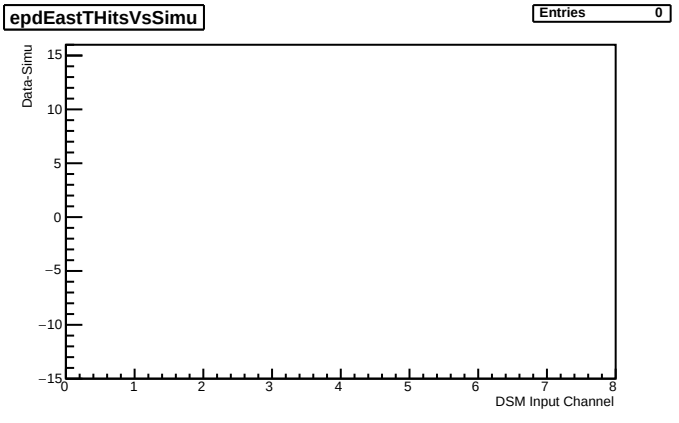

bbcSmallWestTacMax
Entries 170172

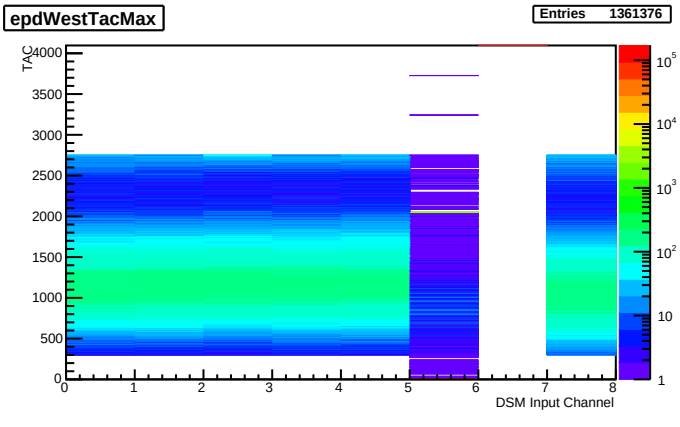

bbcSmallWestTacMaxVsSimu
Entries 150933
Data
Simu

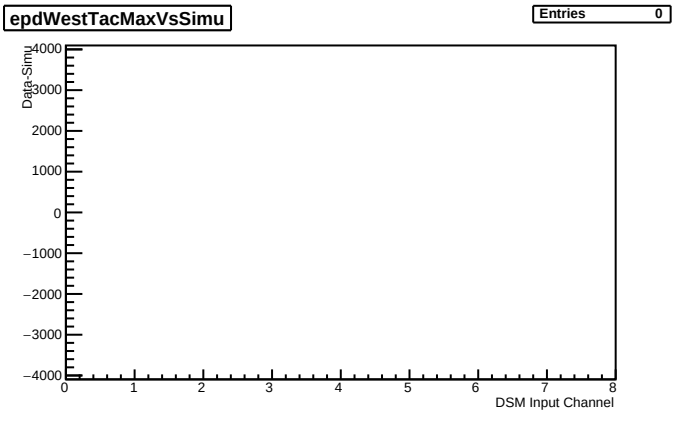

epdEastTacMax
Entries 1361376
TAC
DSM Input Channel

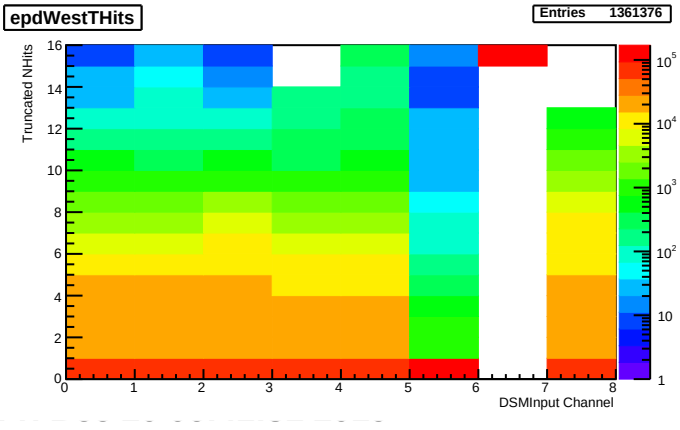

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

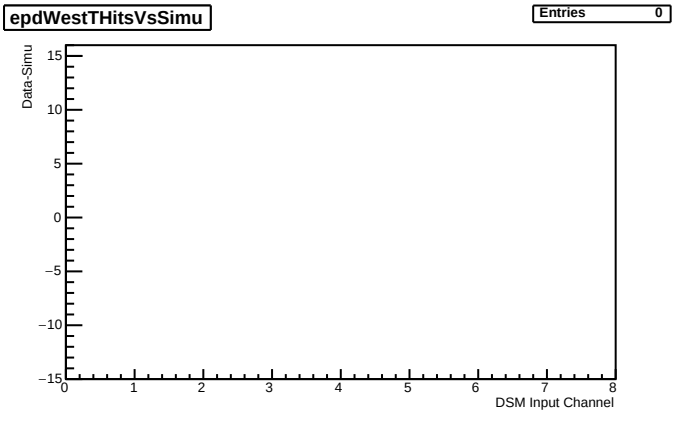

epdEastTHits
Entries 1361376
Truncated NHits
DSMInput Channel

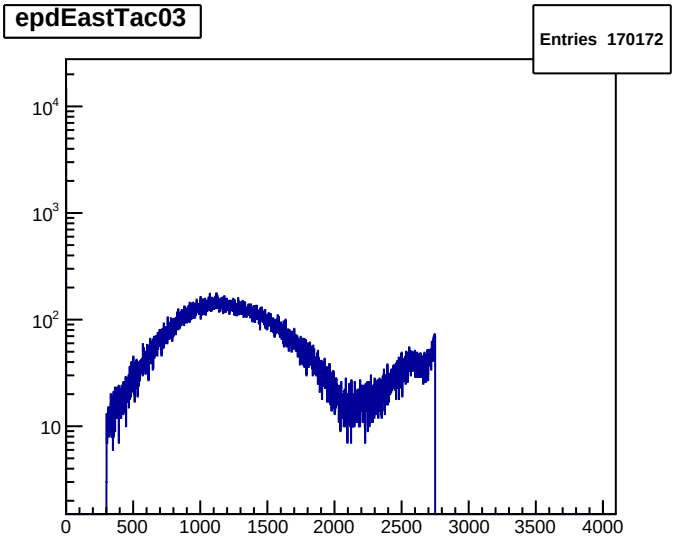

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

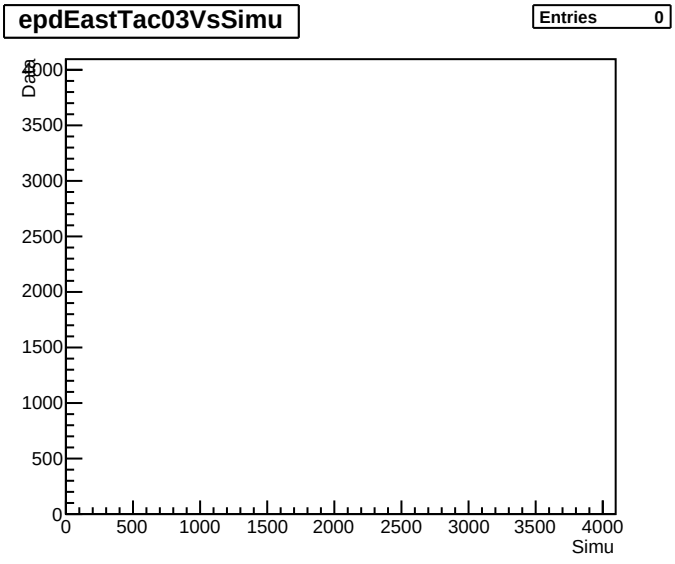

epdWestTacMax
Entries 1361376
TAC
DSM Input Channel

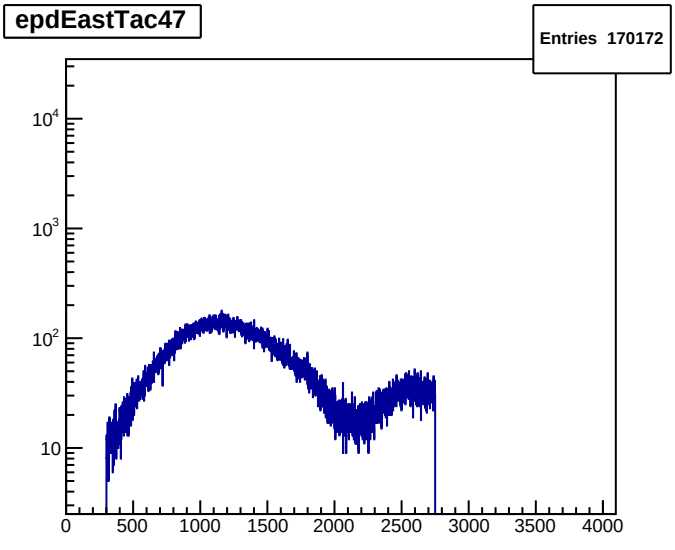

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

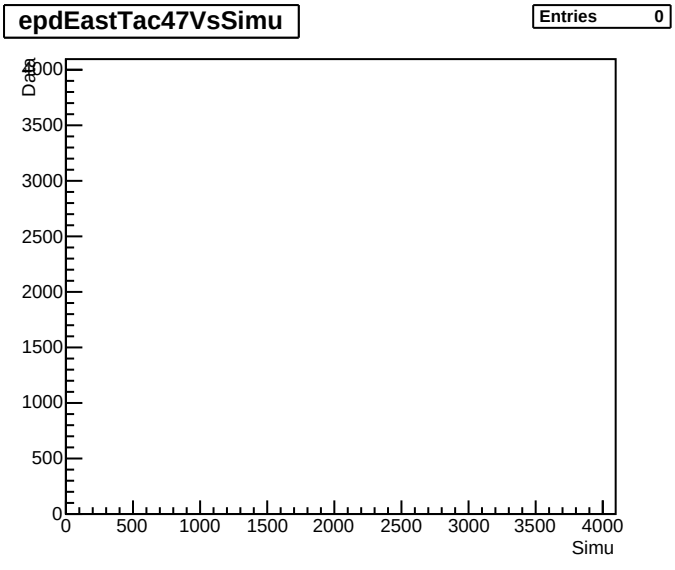

epdWestTHits
Entries 1361376
Truncated NHits
DSMInput Channel

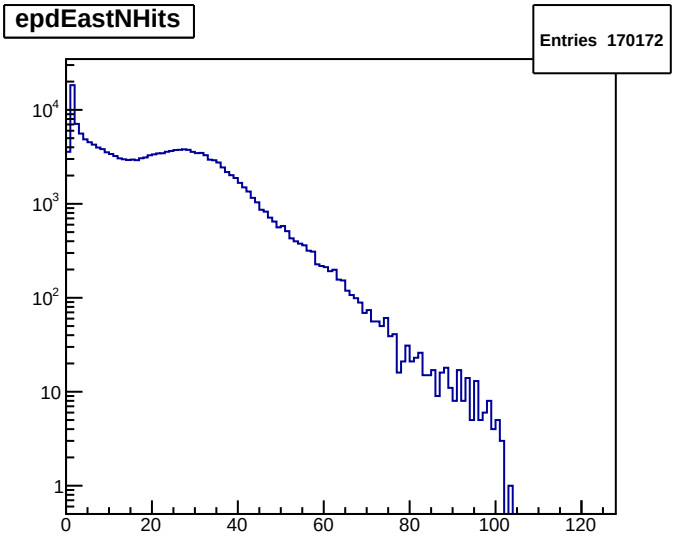

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

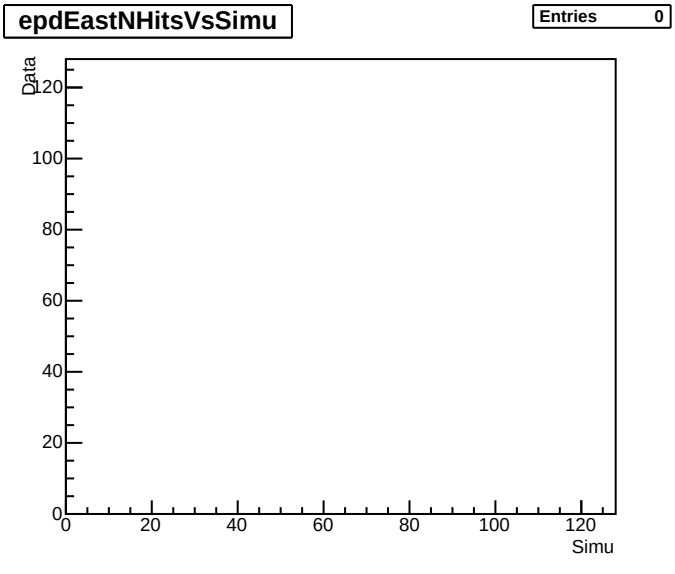

epdEastTac03
Entries 170172

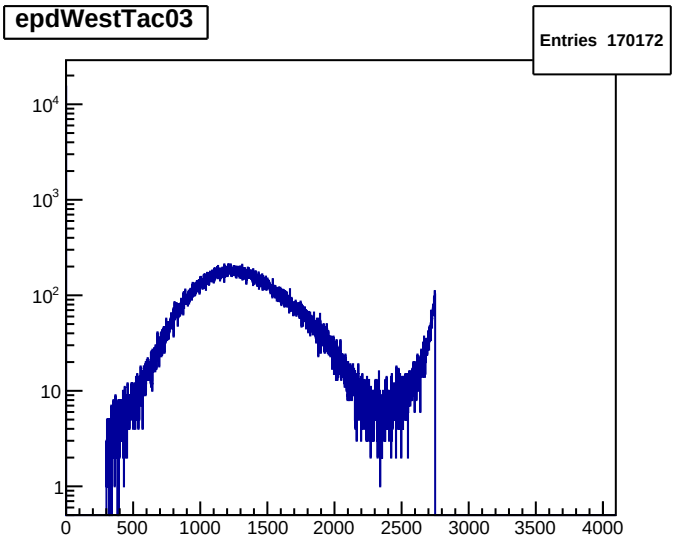

epdEastTac03VsSimu
Entries 0
Data
Simu

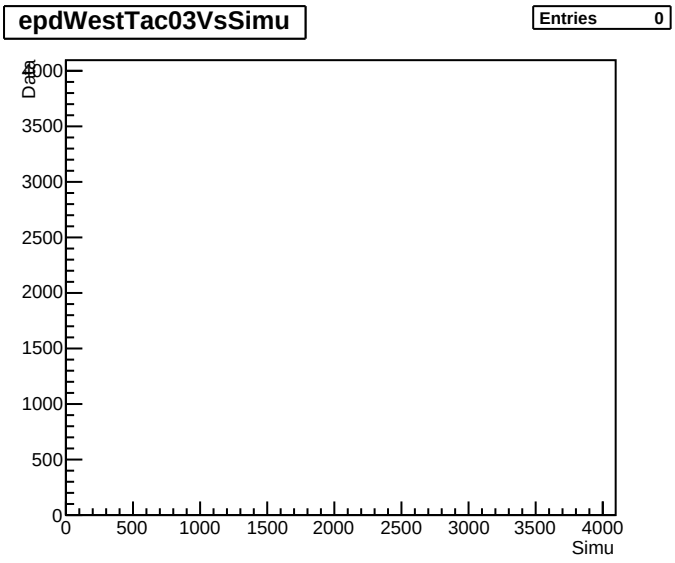

epdEastTac47
Entries 170172

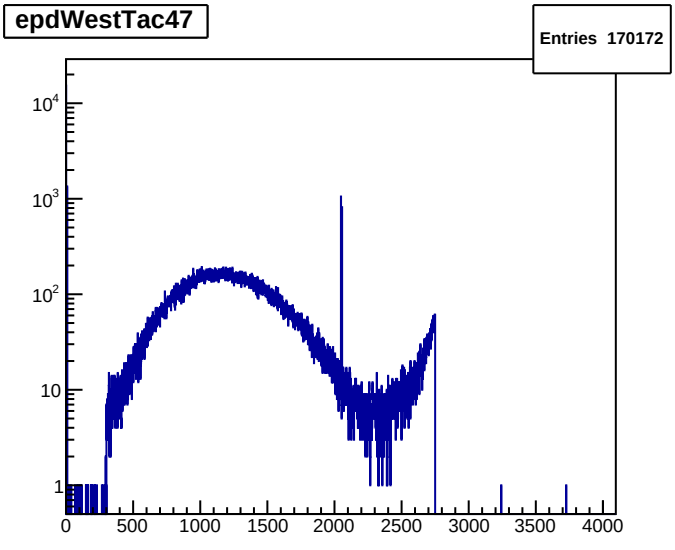

epdEastTac47VsSimu
Entries 0
Data
Simu

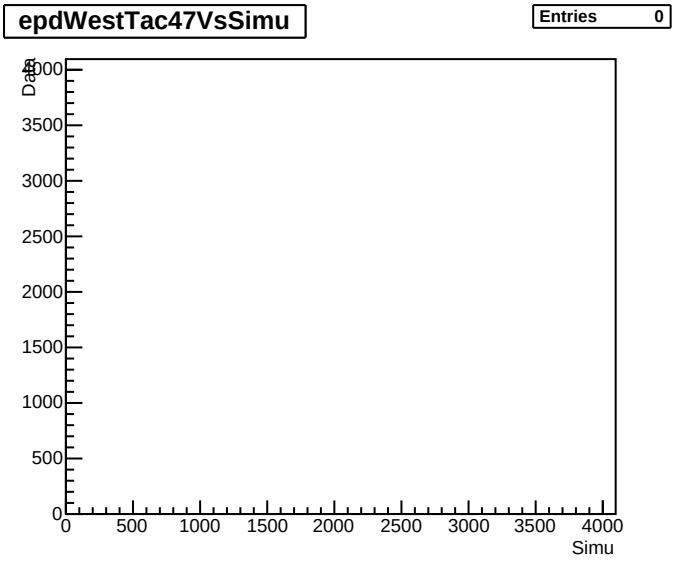

epdEastNHits
Entries 170172

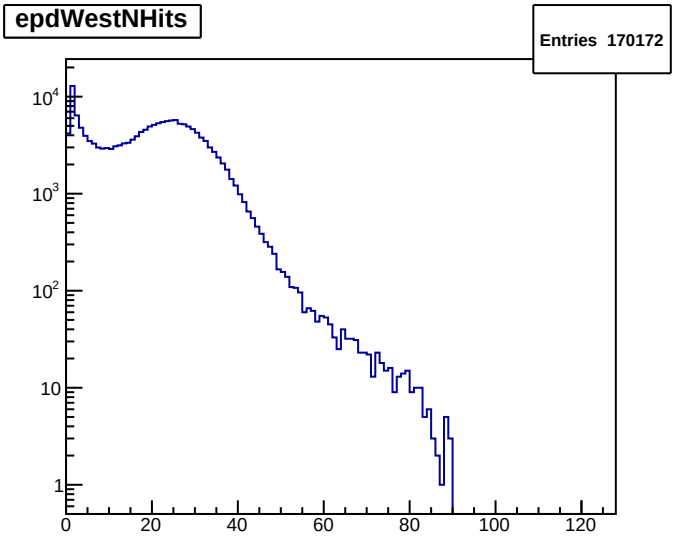

epdEastNHitsVsSimu
Entries 0
Data
Simu

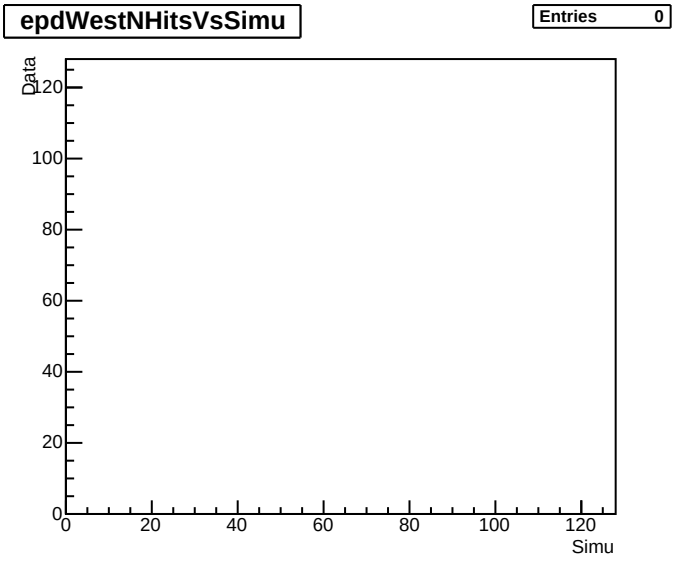

epdWestTac03
Entries 170172

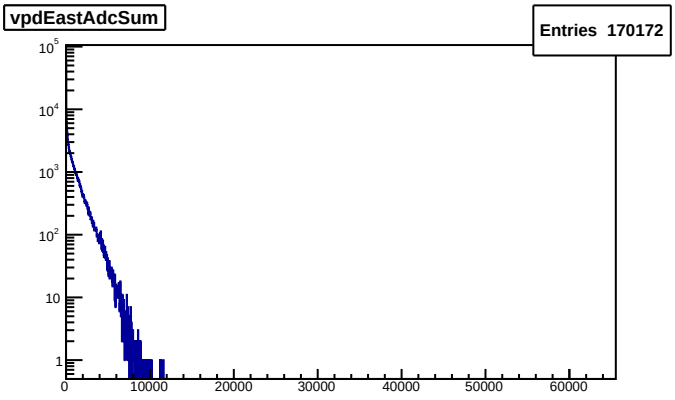

epdWestTac03VsSimu
Entries 0
Data
Simu

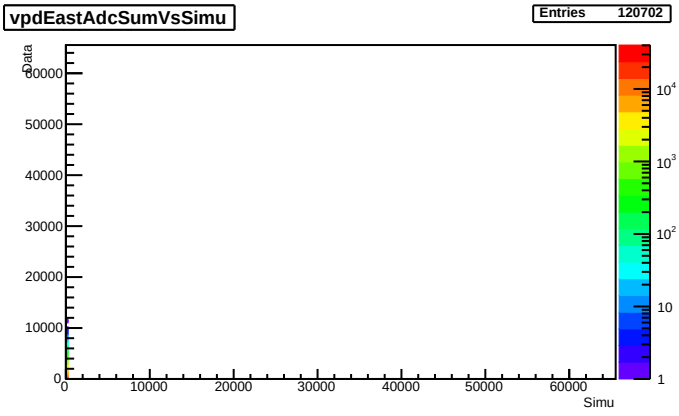

epdWestTac47
Entries 170172

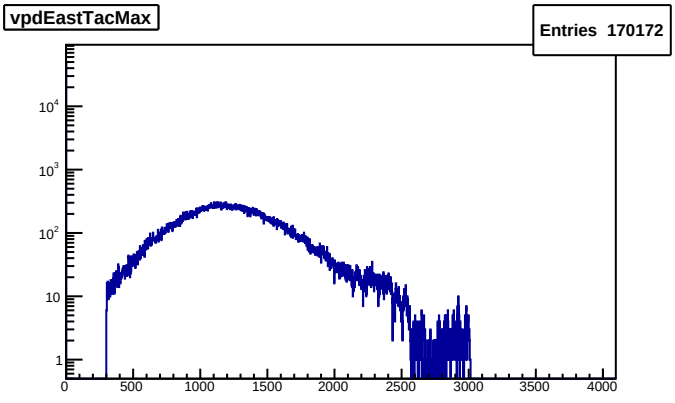

epdWestTac47VsSimu
Entries 0
Data
Simu

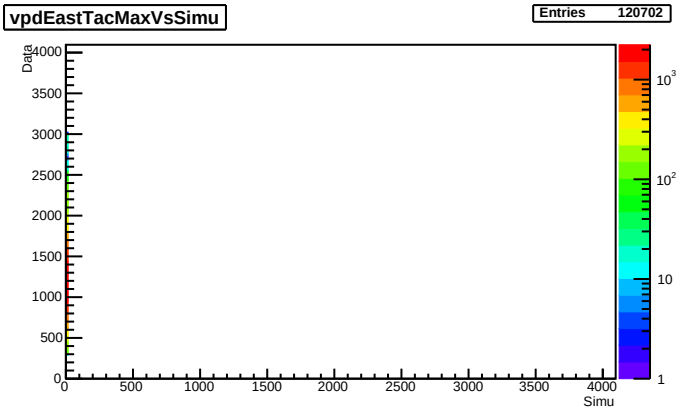

epdWestNHits
Entries 170172

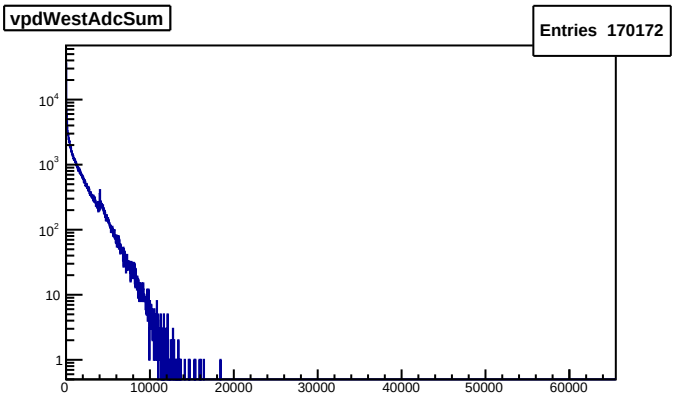

epdWestNHitsVsSimu
Entries 0
Data
Simu

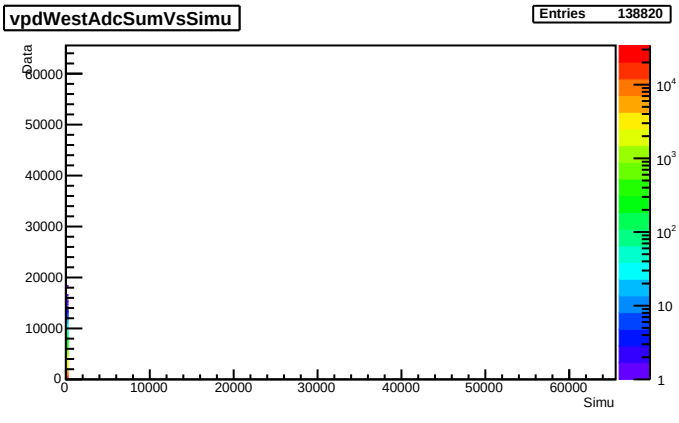

vpdEastAdcSum
Entries 170172

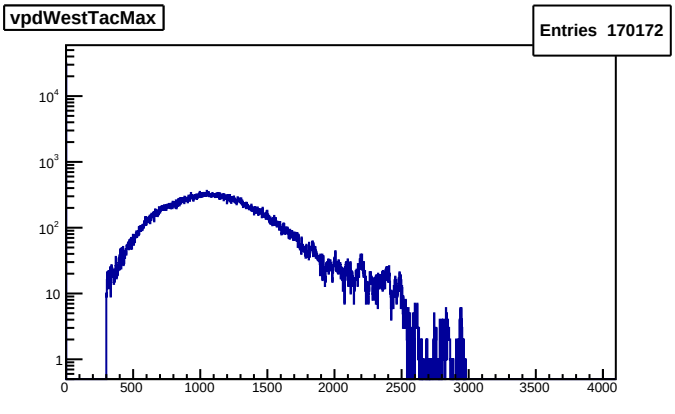

vpdEastAdcSumVsSimu
Entries 120702
Data
Simu

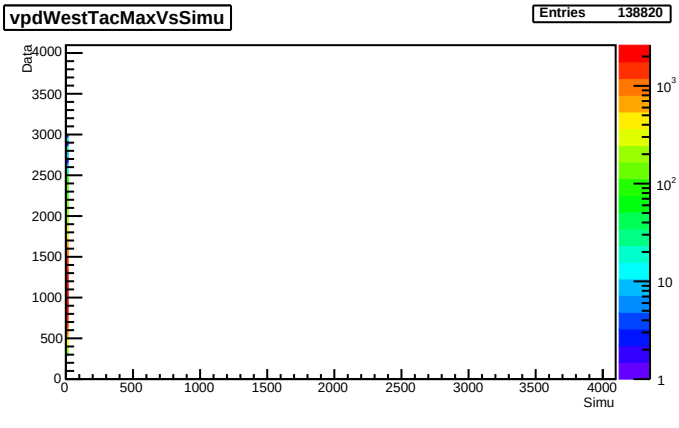

vpdEastTacMax
Entries 170172

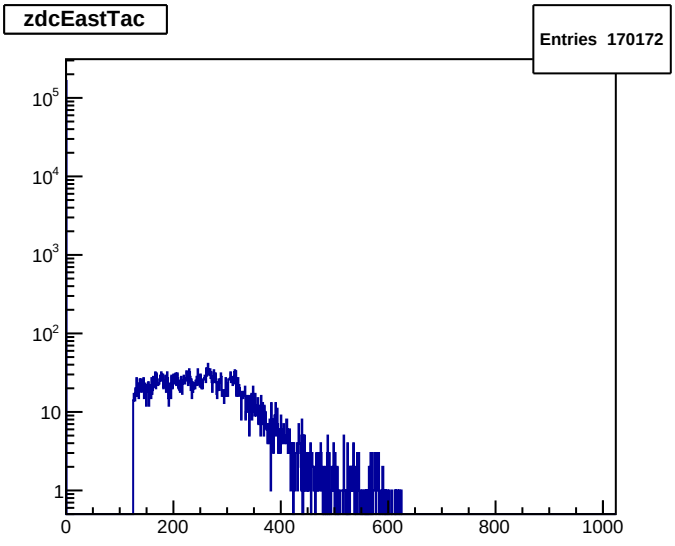

vpdEastTacMaxVsSimu
Entries 120702
Data
Simu

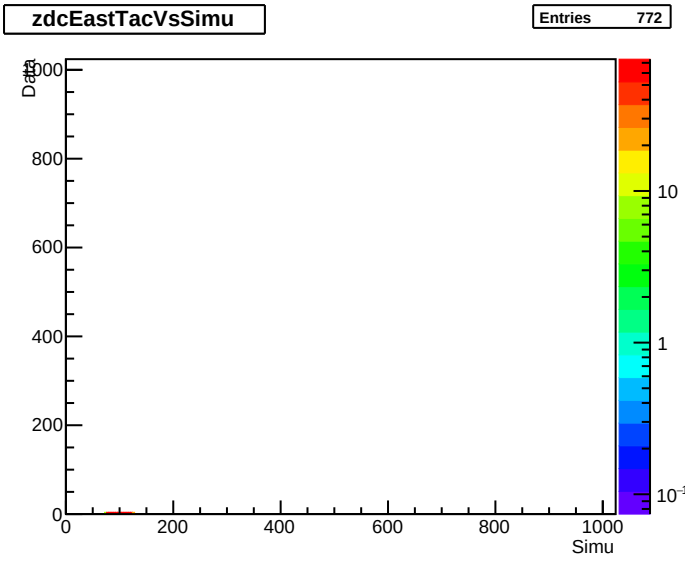

vpdWestAdcSum
Entries 170172

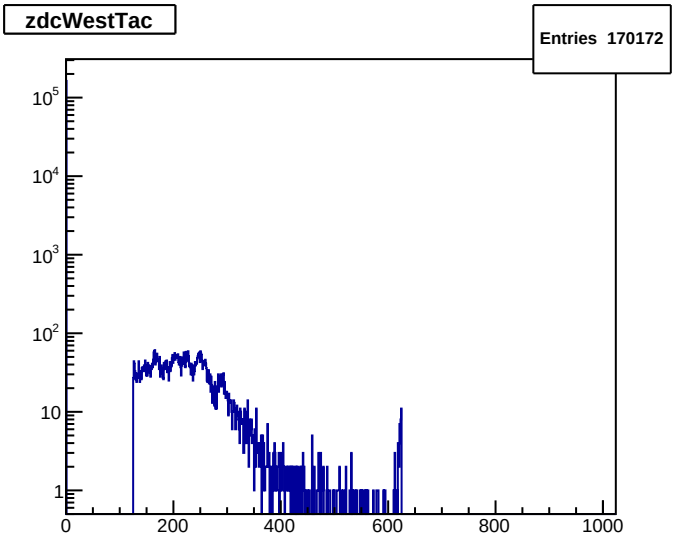

vpdWestAdcSumVsSimu
Entries 138820
Data
Simu

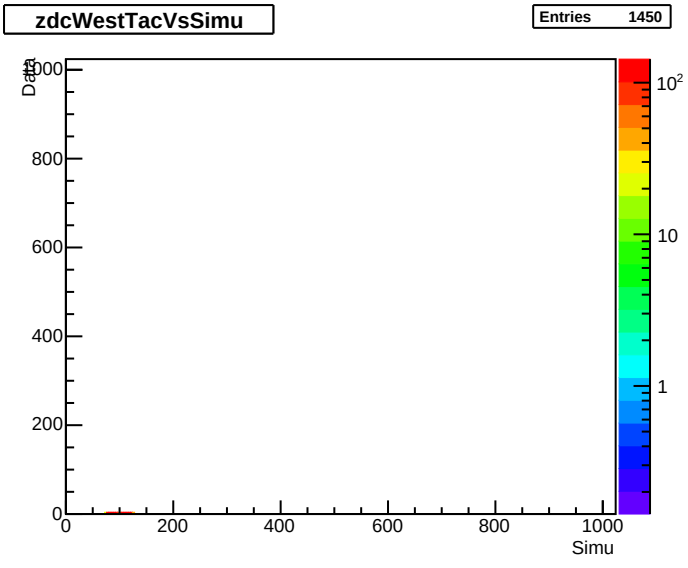

vpdWestTacMax
Entries 170172

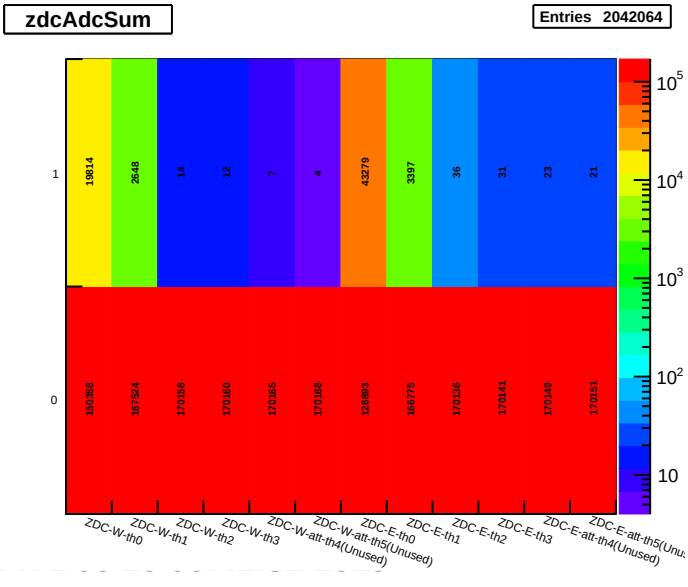

vpdWestTacMaxVsSimu
Entries 138820
Data
Simu

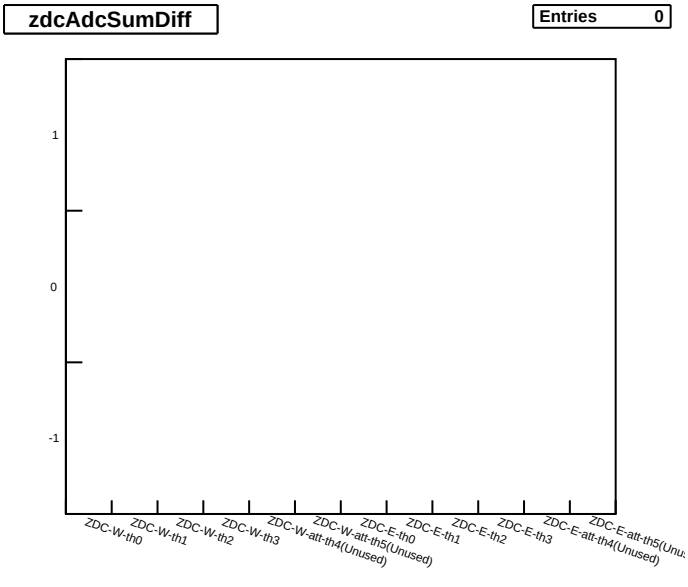

zdcEastTac
Entries 170172

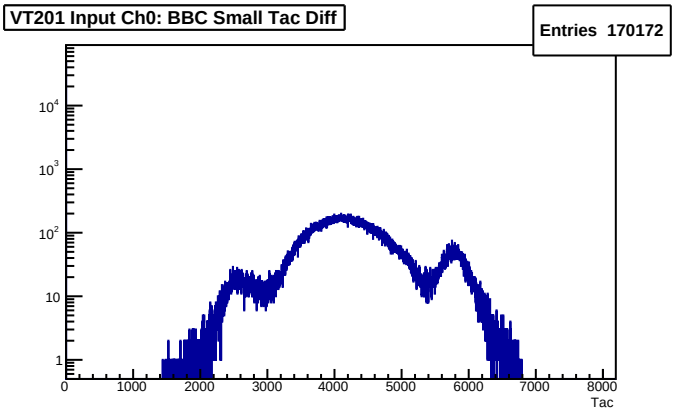

zdcEastTacVsSimu
Entries 772
Data
Simu

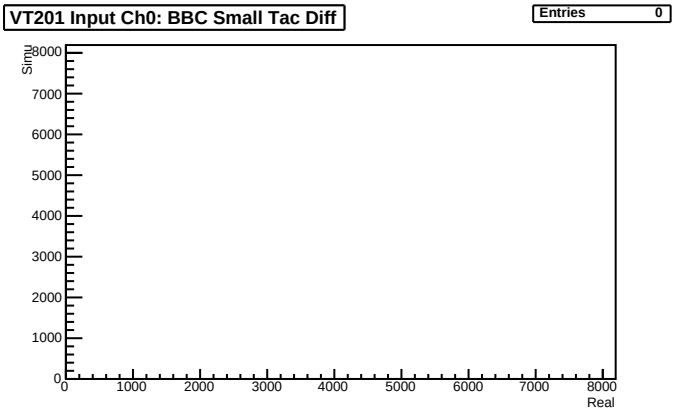

zdcWestTac
Entries 170172

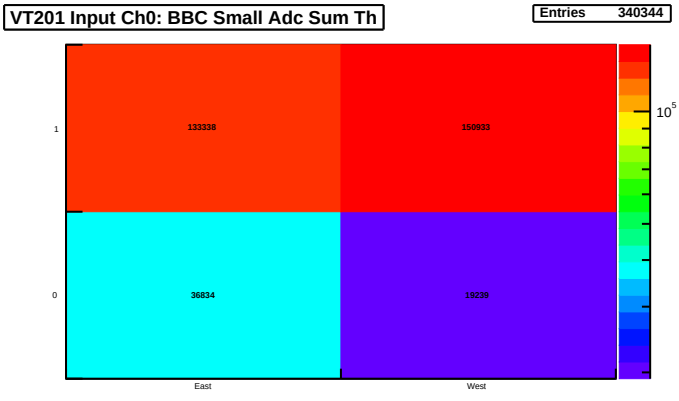

zdcWestTacVsSimu
Entries 1450
Data
Simu

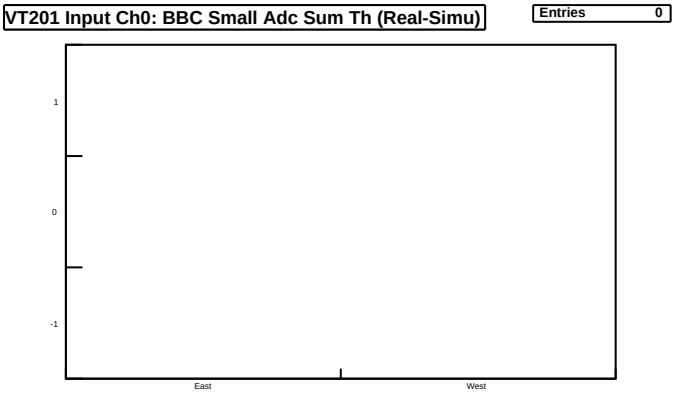

zdcAdcSum
Entries 2042064
19814
2648
14
12
7
4
43279
3397
36
31
23
21
150588
167524
170158
170160
170165
170168
126893
166775
170136
170141
170149
170151
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

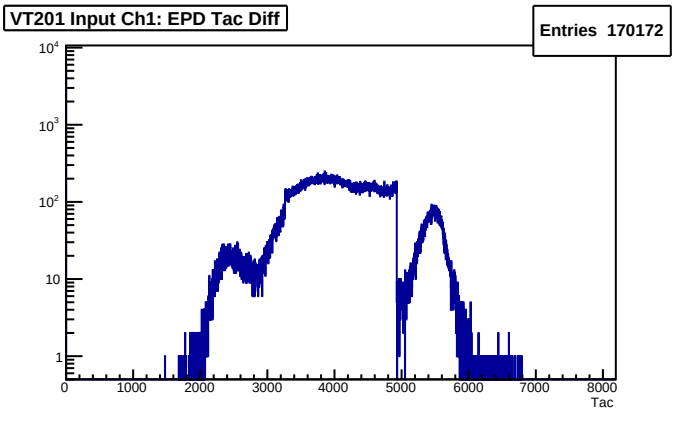

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

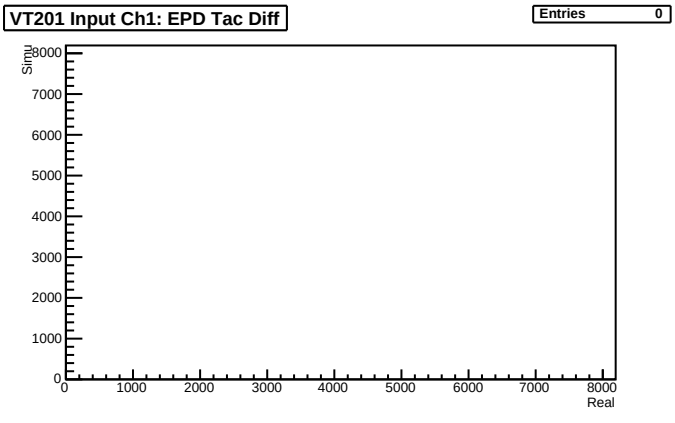

VT201 Input Ch0: BBC Small Tac Diff
Entries 170172
Tac

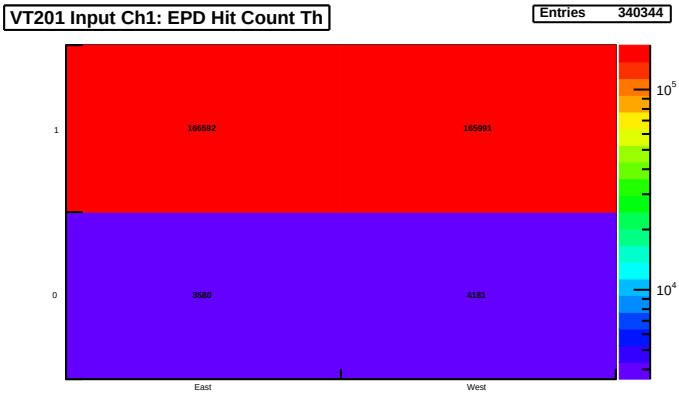

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

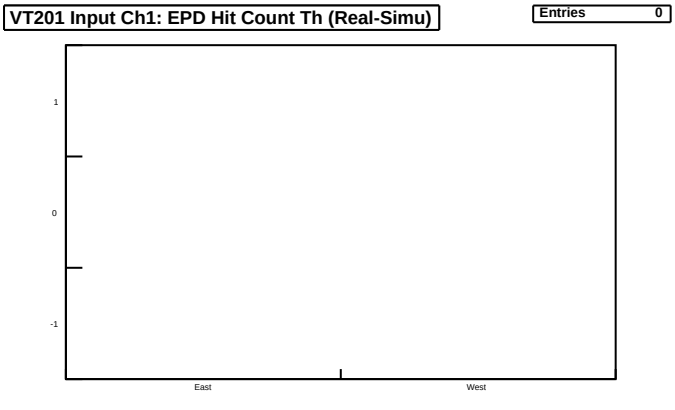

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 340344
133338
150933
36834
19239
East
West

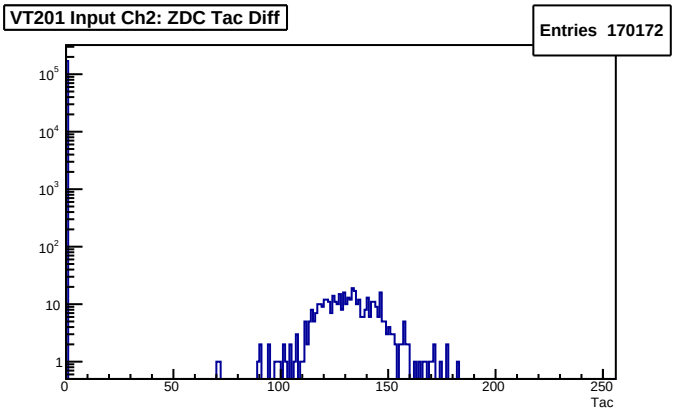

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

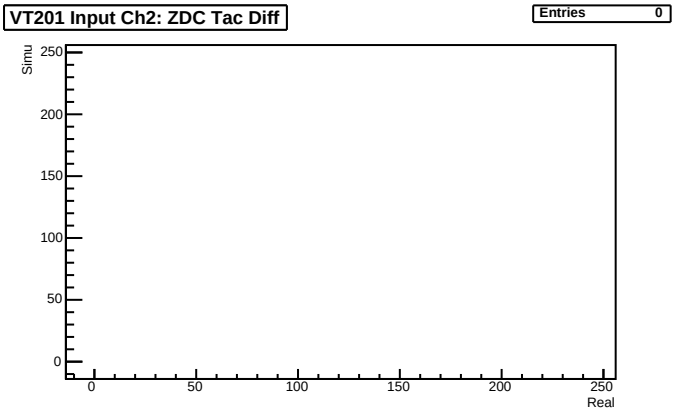

VT201 Input Ch1: EPD Tac Diff
Entries 170172
Tac

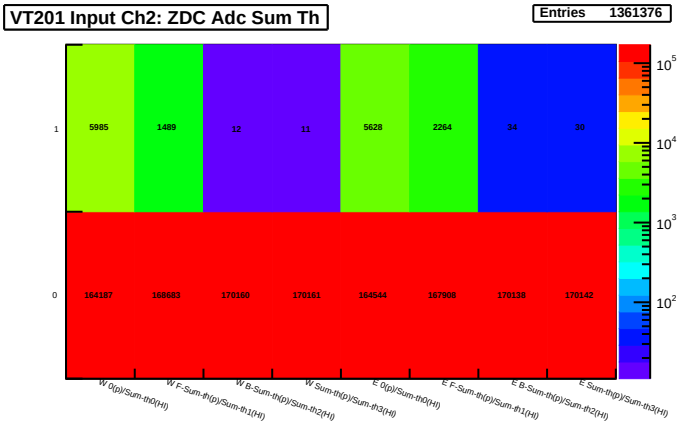

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

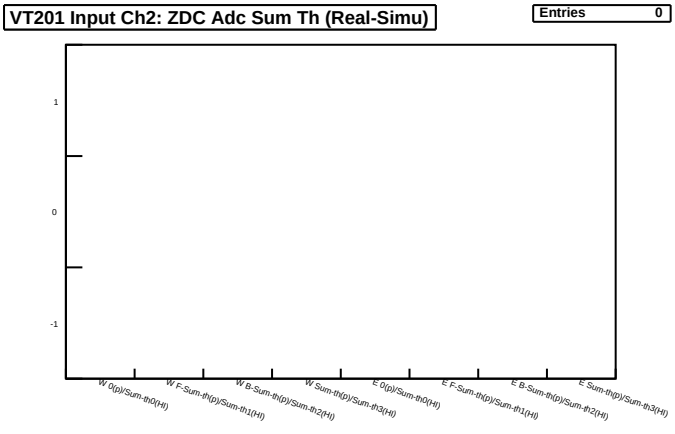

VT201 Input Ch1: EPD Hit Count Th
Entries 340344
166592
165991
3580
4181
East
West

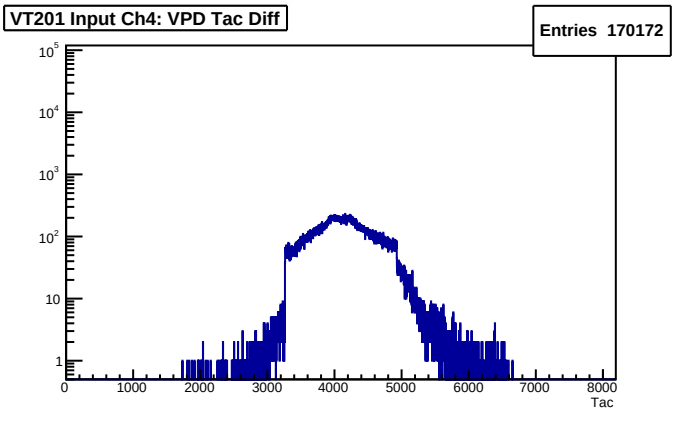

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

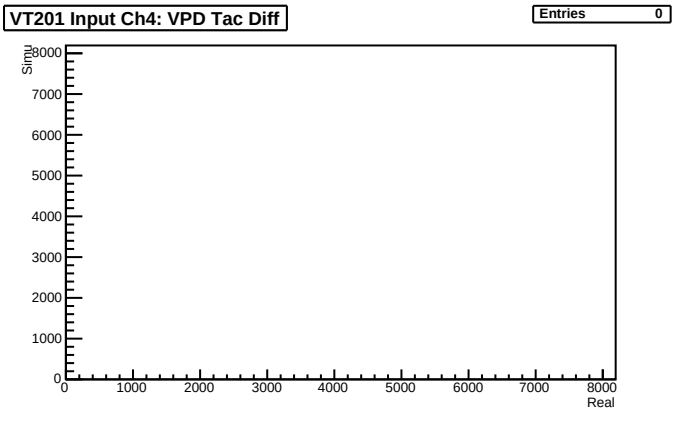

VT201 Input Ch2: ZDC Tac Diff
Entries 170172
Tac

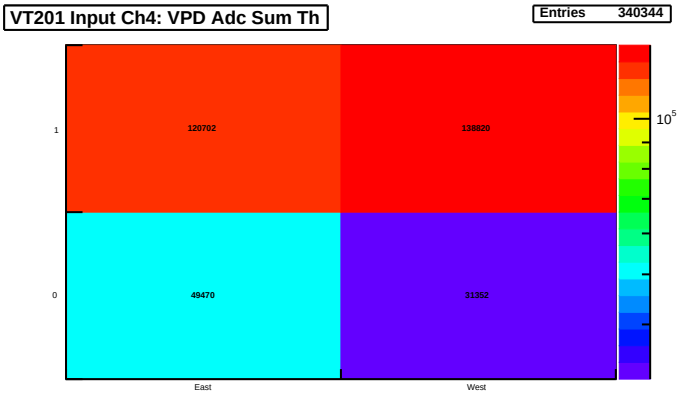

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

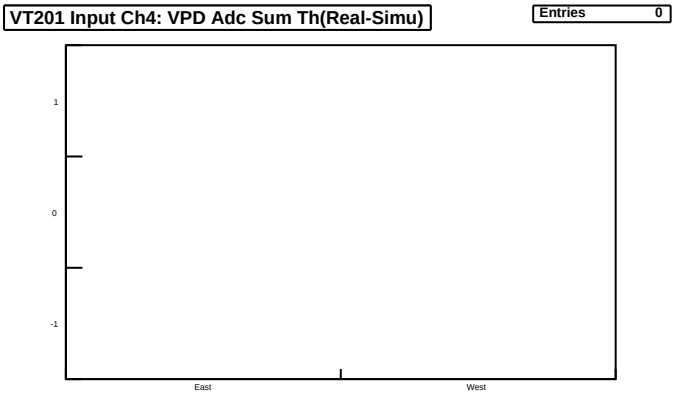

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1361376
5985
1489
12
11
5628
2264
34
30
164187
168683
170160
170161
164544
167908
170138
170142
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

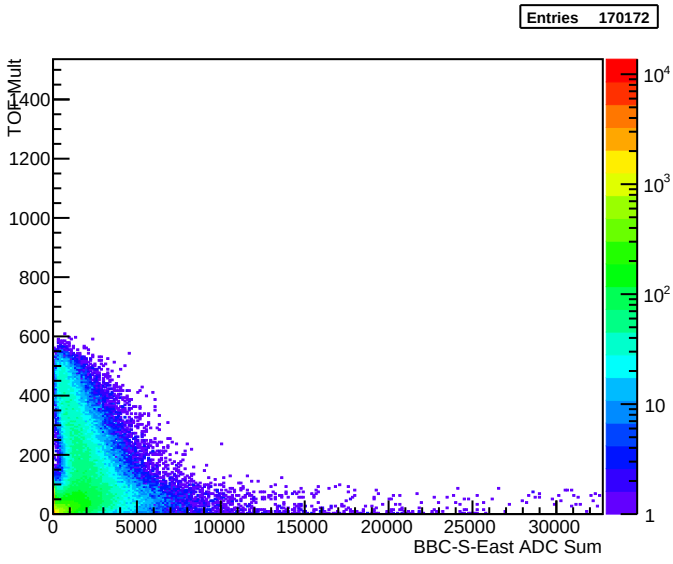

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

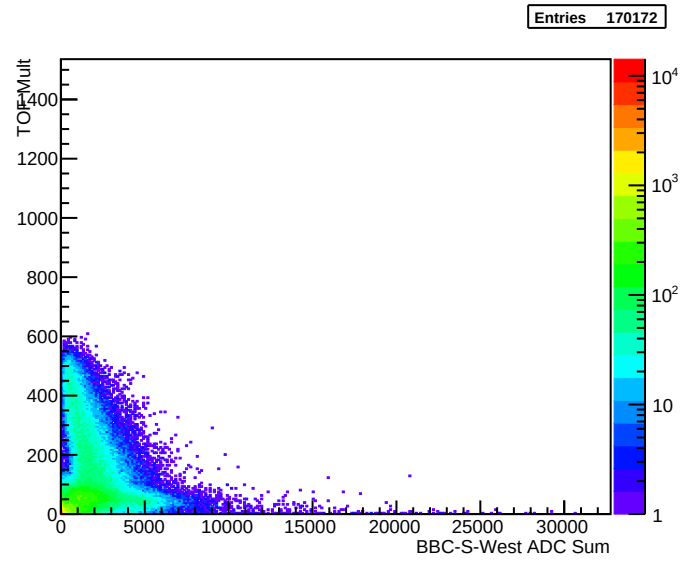

VT201 Input Ch4: VPD Tac Diff
Entries 170172
Tac

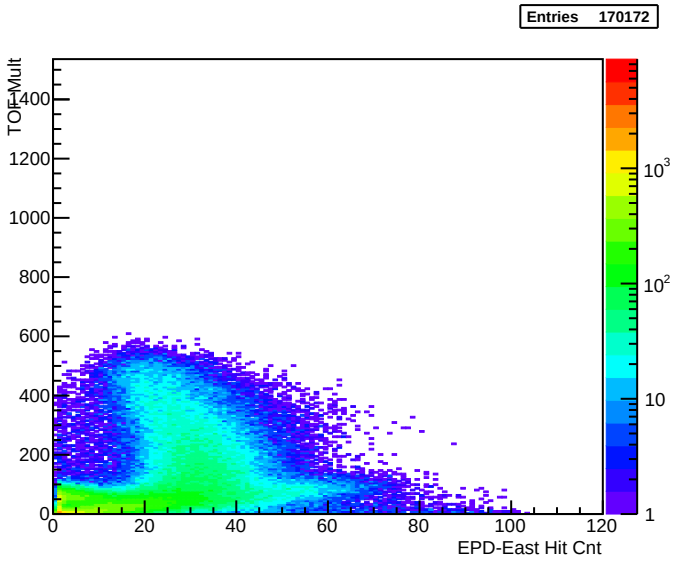

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

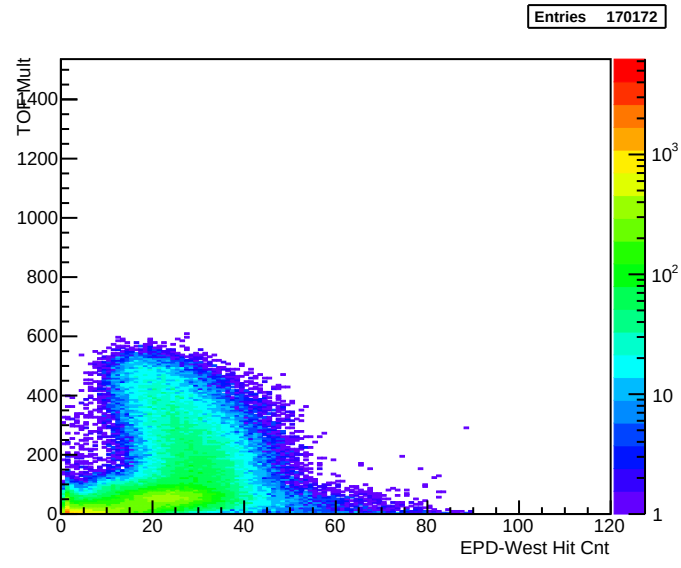

VT201 Input Ch4: VPD Adc Sum Th
Entries 340344
120702
138820
49470
31352
East
West

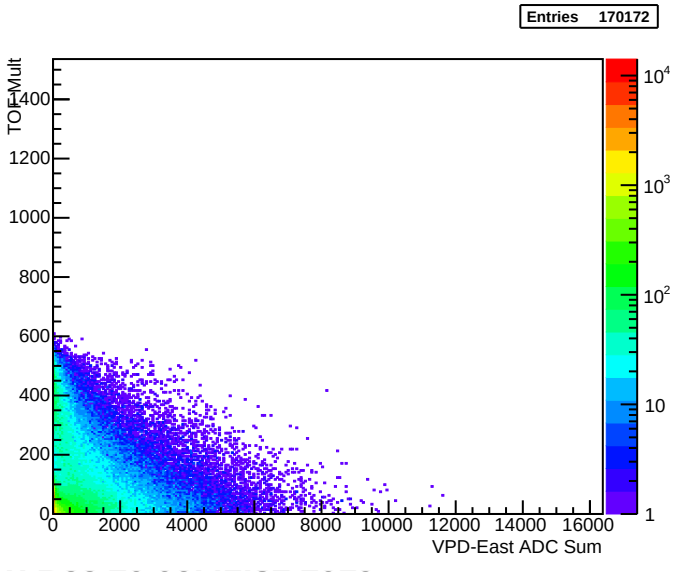

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

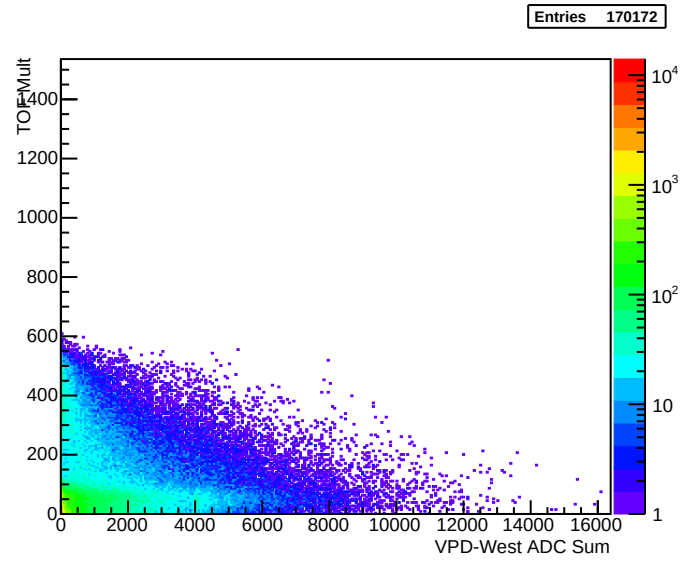

Entries 170172
TOF-Mult
BBC-S-East ADC Sum

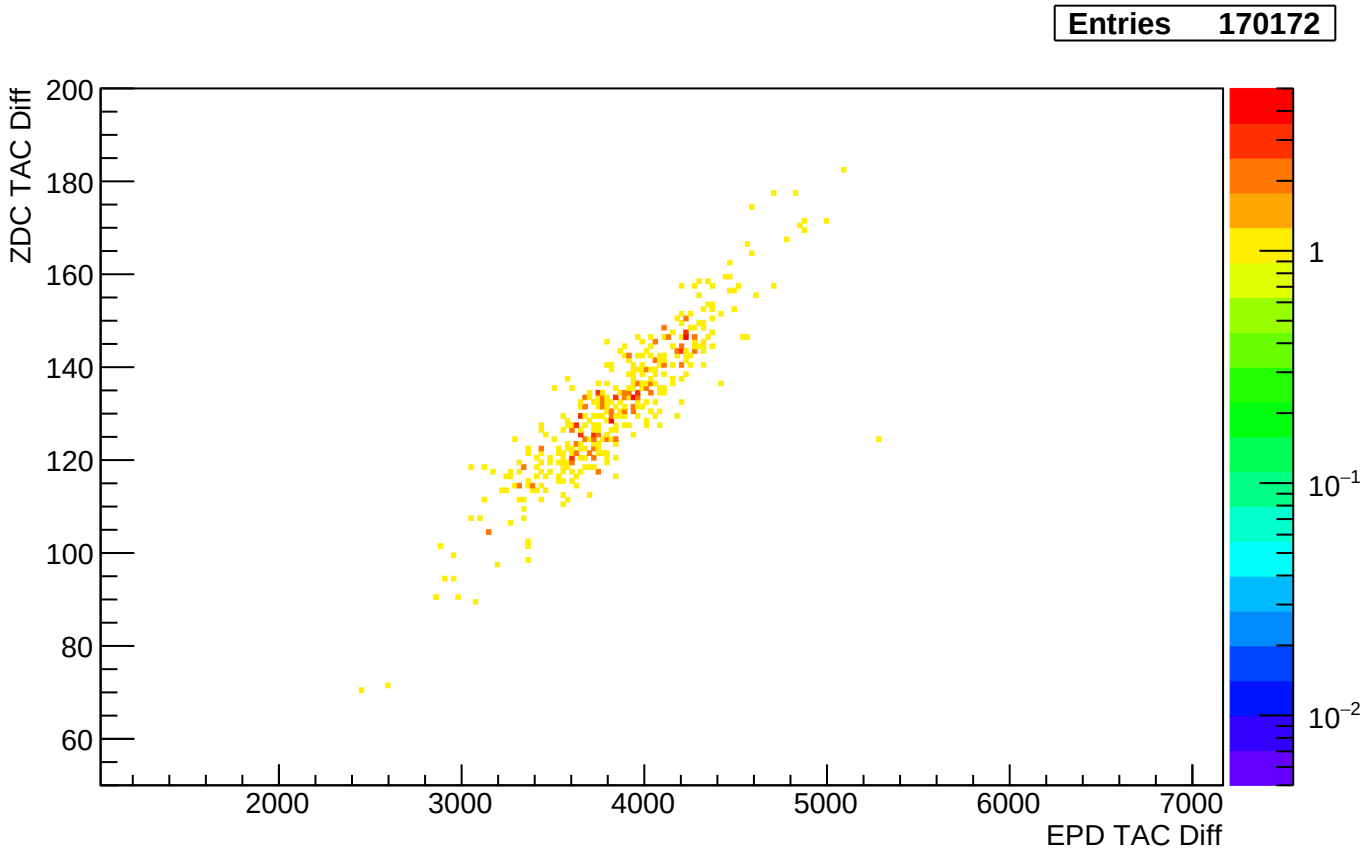

Entries 170172
TOF-Mult
BBC-S-West ADC Sum

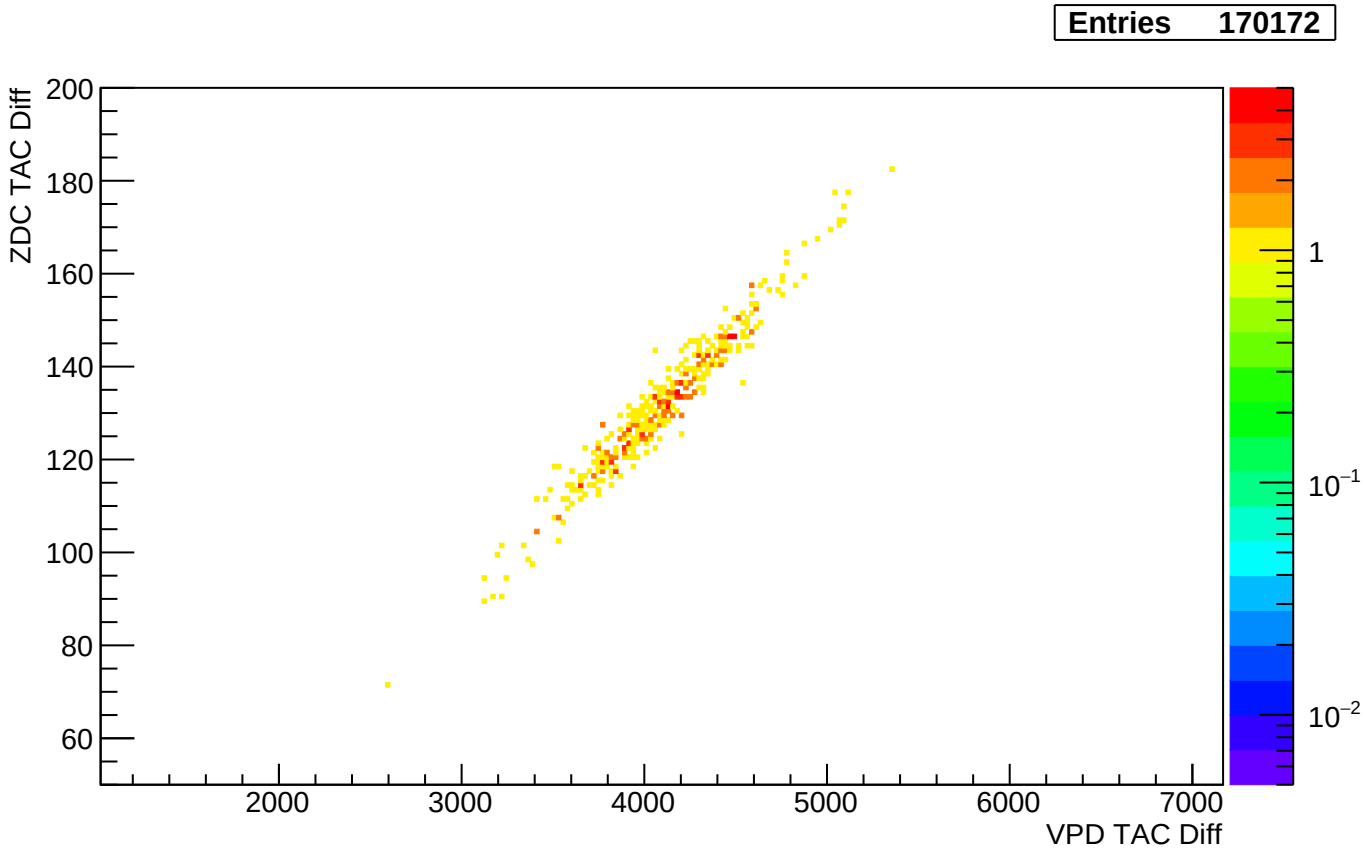

Entries 170172
TOF-Mult
EPD-East Hit Cnt

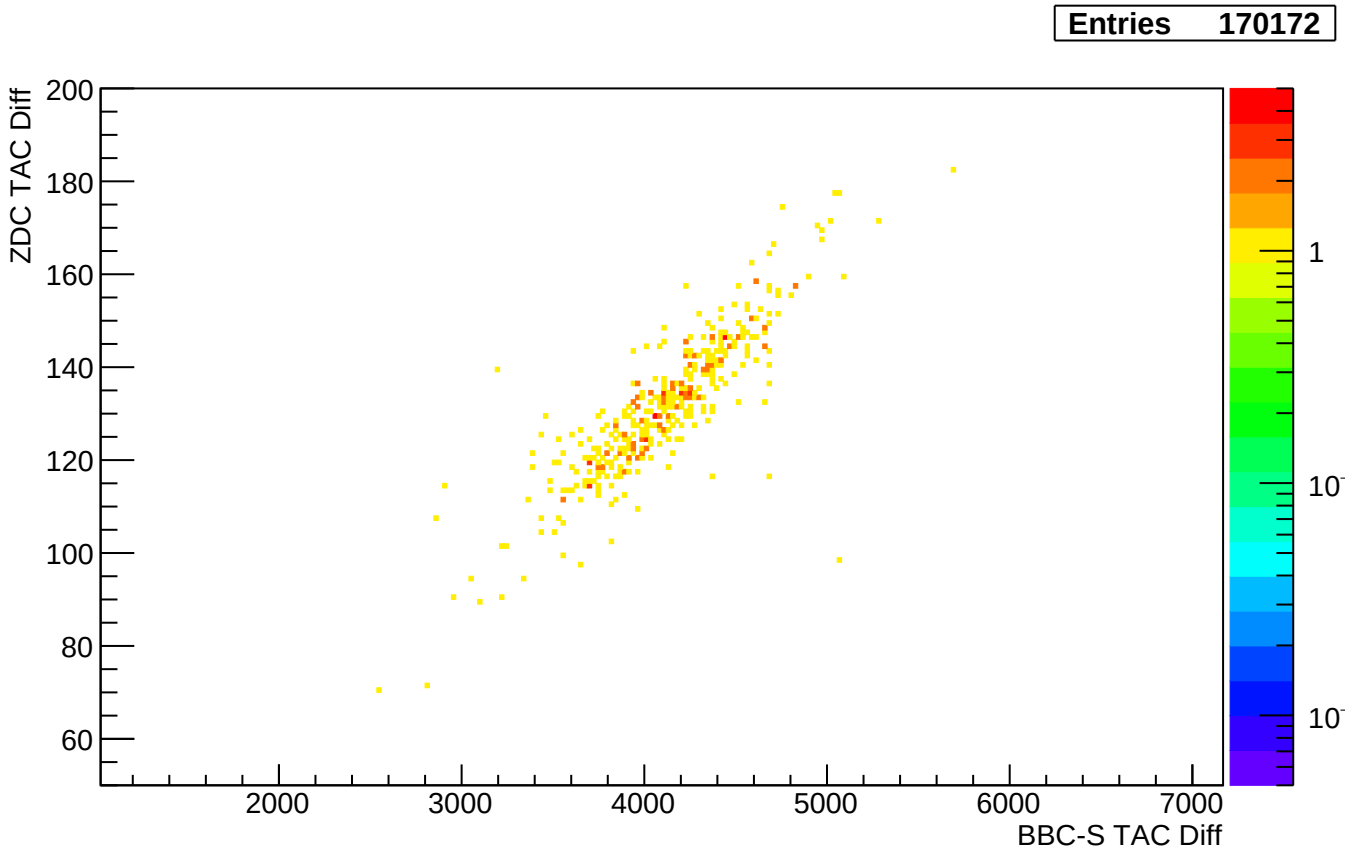

Entries 170172
TOF-Mult
EPD-West Hit Cnt

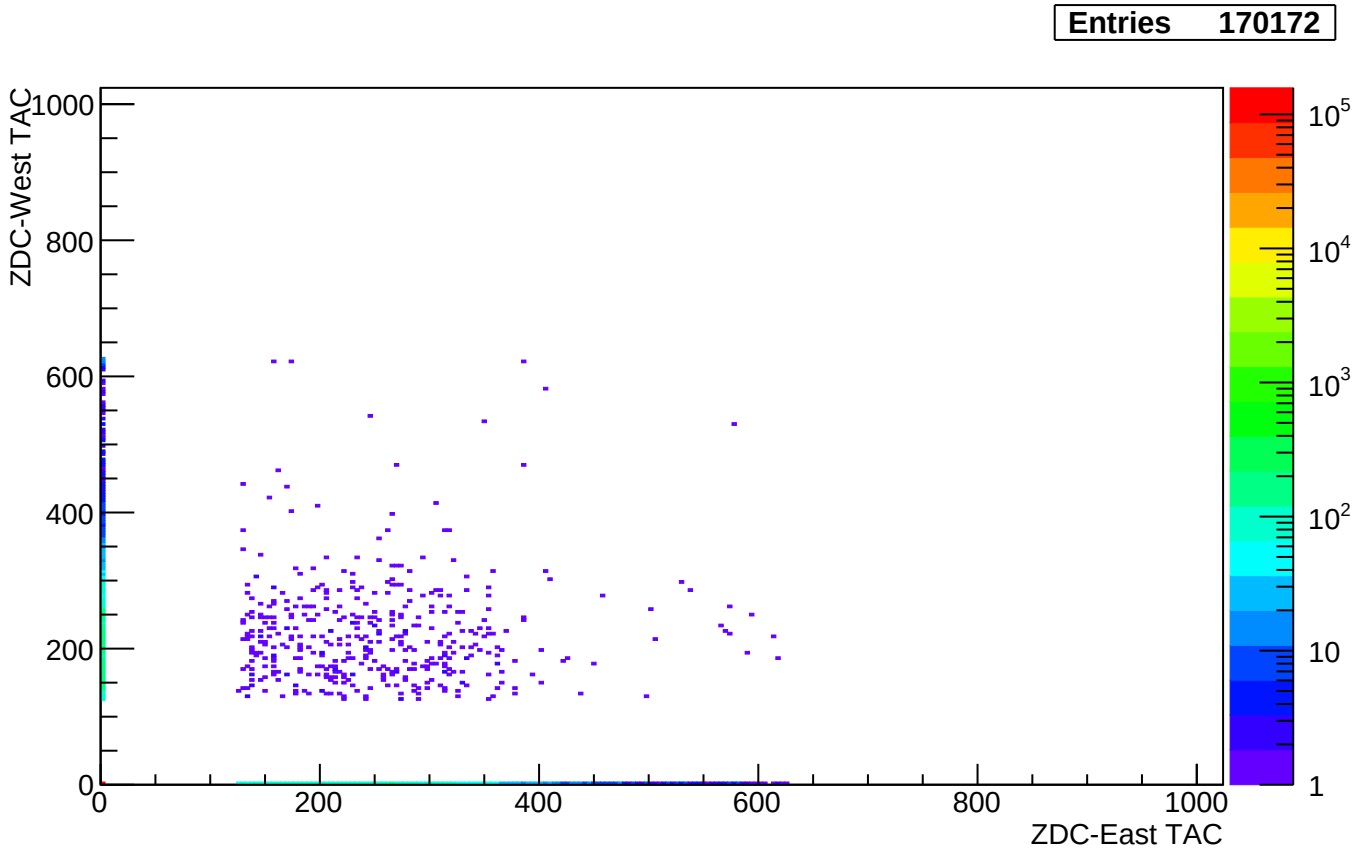

Entries 170172
TOF-Mult
VPD-East ADC Sum

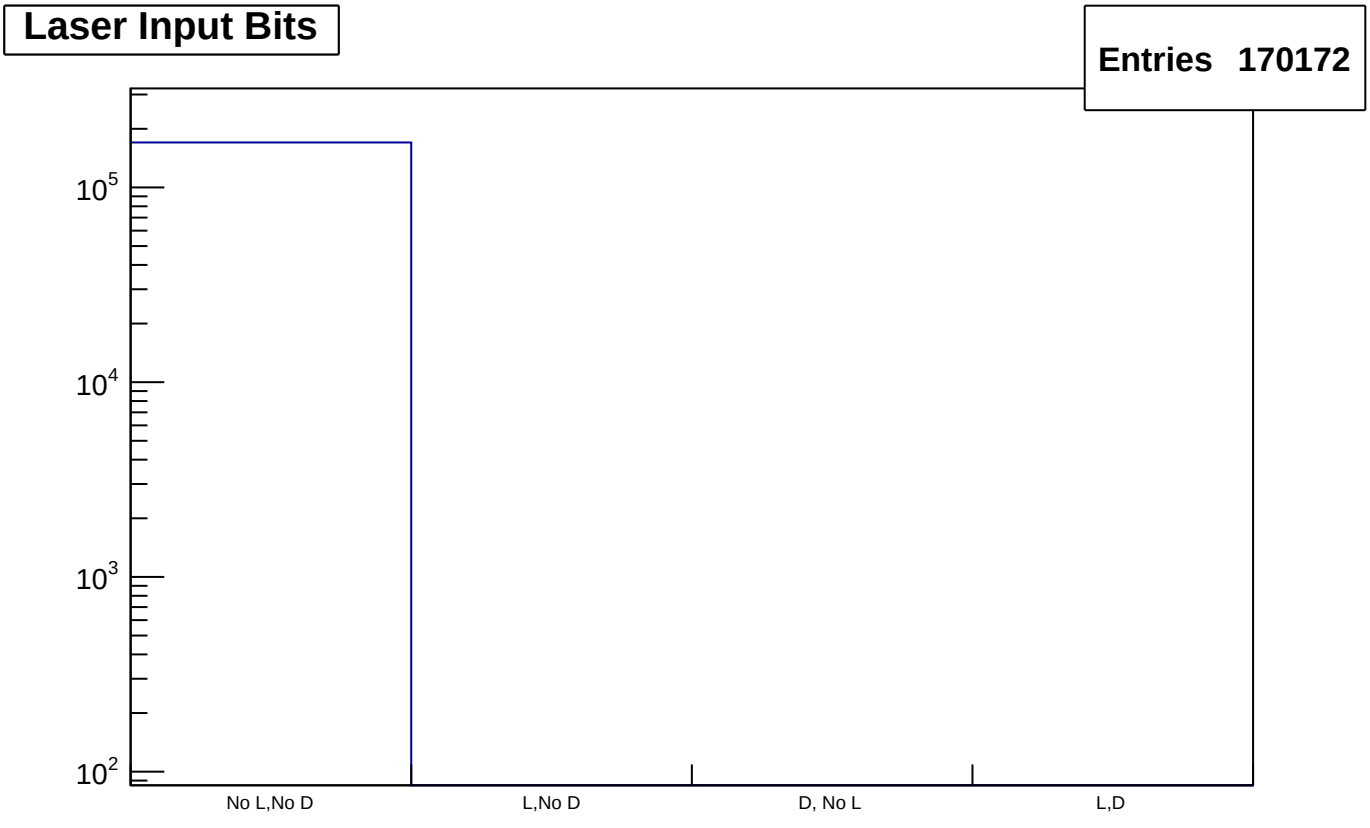

Entries 170172
TOF-Mult
VPD-West ADC Sum

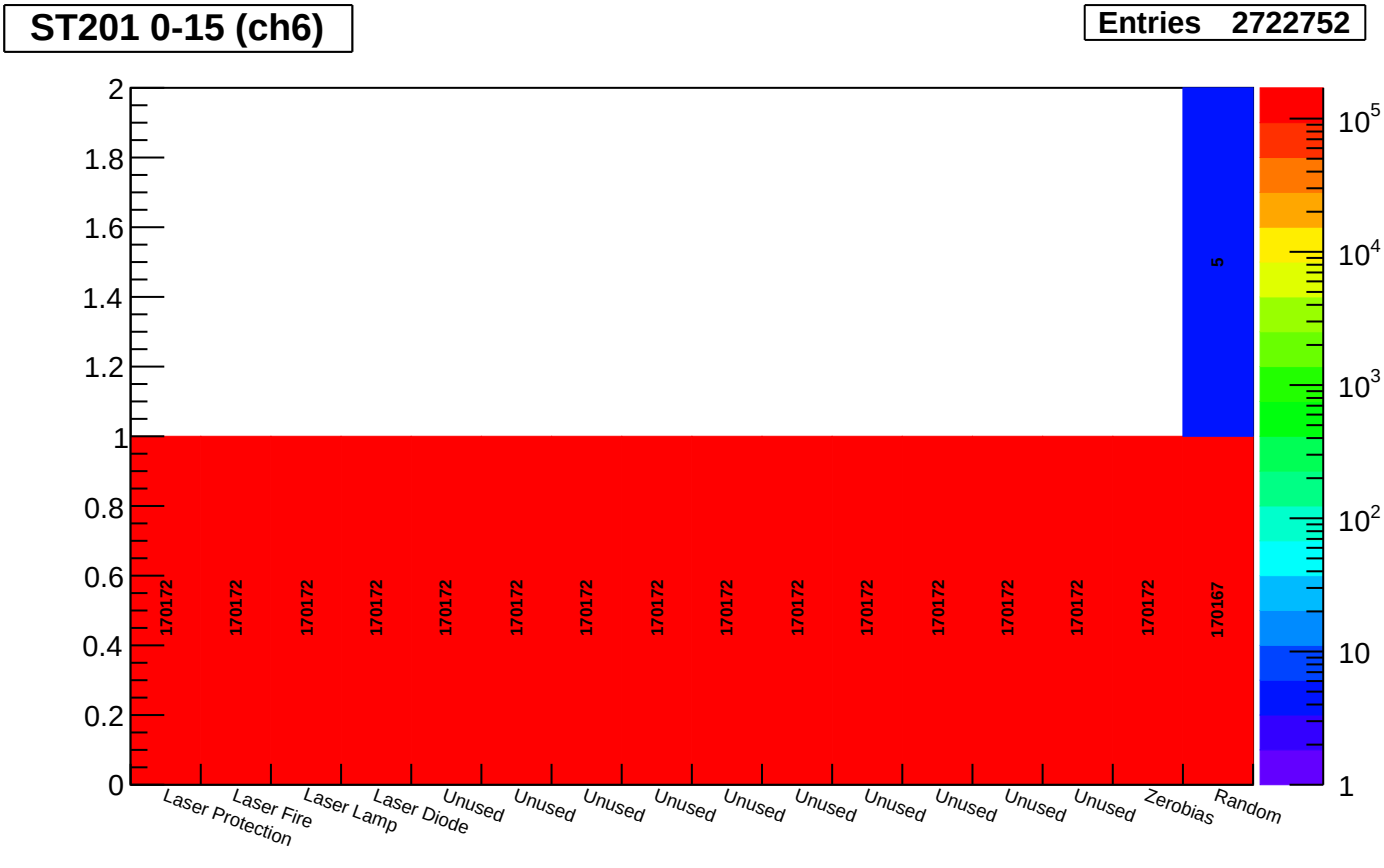

Entries 170172
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

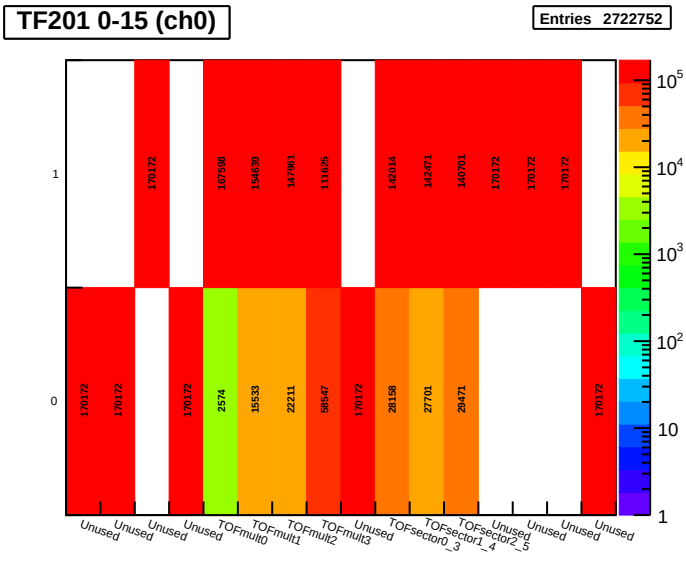

Entries 170172
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

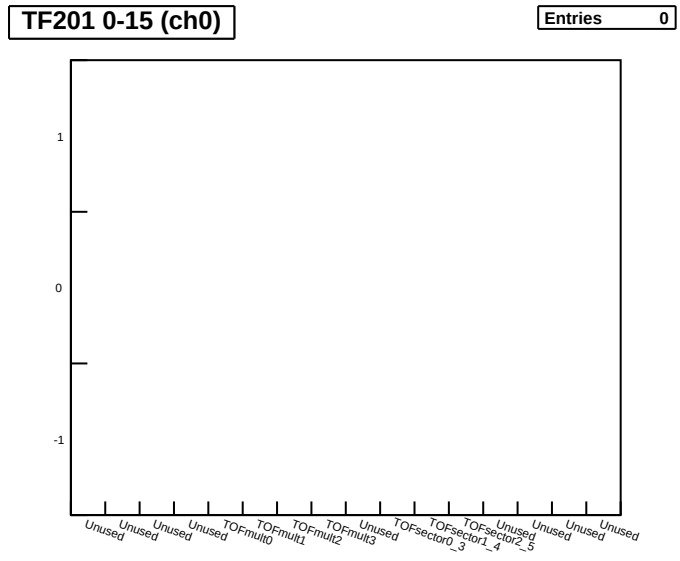

Entries 170172
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

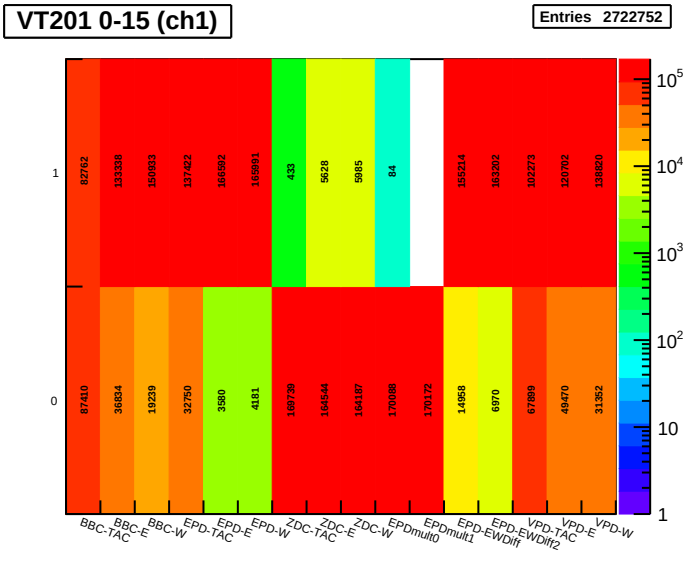

Entries 170172
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

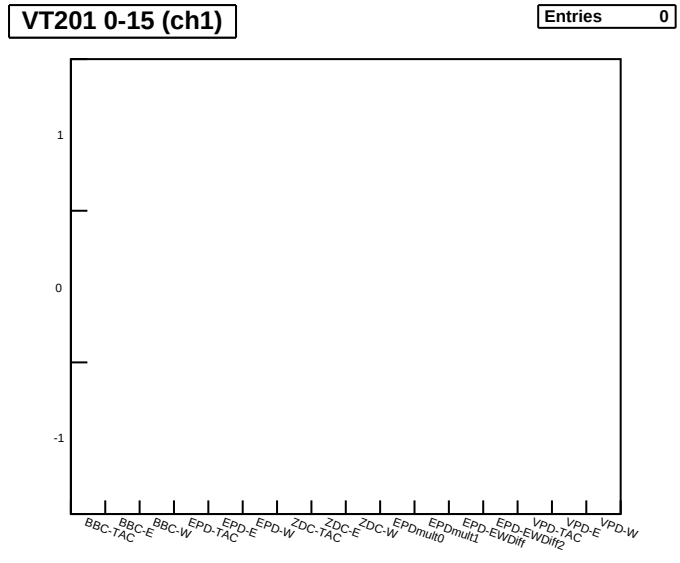

Laser Input Bits
Entries 170172
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

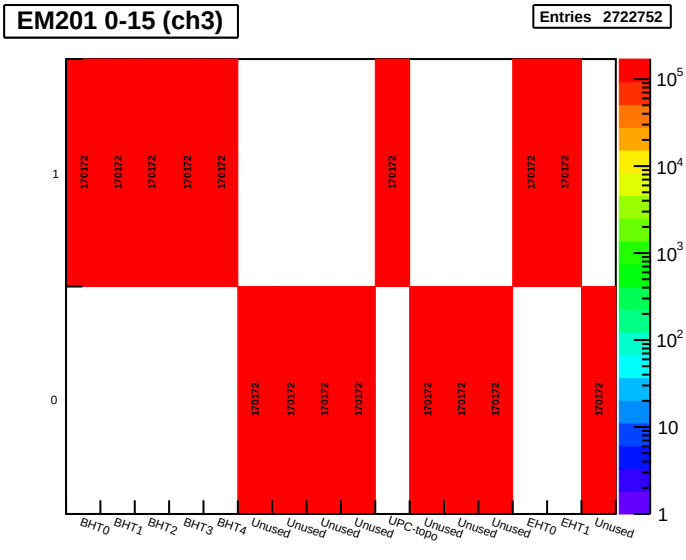

ST201 0-15 (ch6)
Entries 2722752
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
170172
170167
5
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

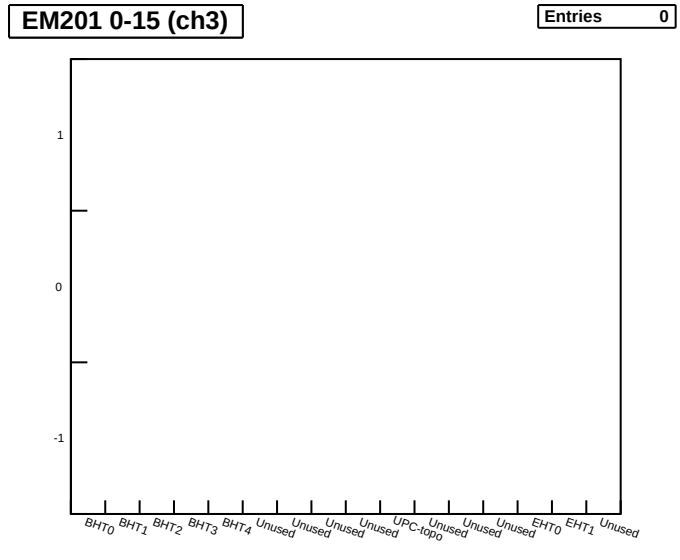

TF201 0-15 (ch0)
Entries 2722752
1
0
170172 167598 154639 147861 111625 142014 142471 140701 170172 170172 170172
170172 170172 170172 2574 15533 22211 58547 170172 28198 27701 29471 170172
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 2722752
1
0
82762 133338 150933 137422 166592 165991 433 5628 5985 84 155214 163202 102273 120702 138820
87410 36834 19239 32750 3580 4181 169739 164544 164187 170088 170172 14958 6970 67899 49470 31352
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 2722752
1
0
170172 170172 170172 170172 170172 170172 170172 170172
170172 170172 170172 170172 170172 170172 170172 170172
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