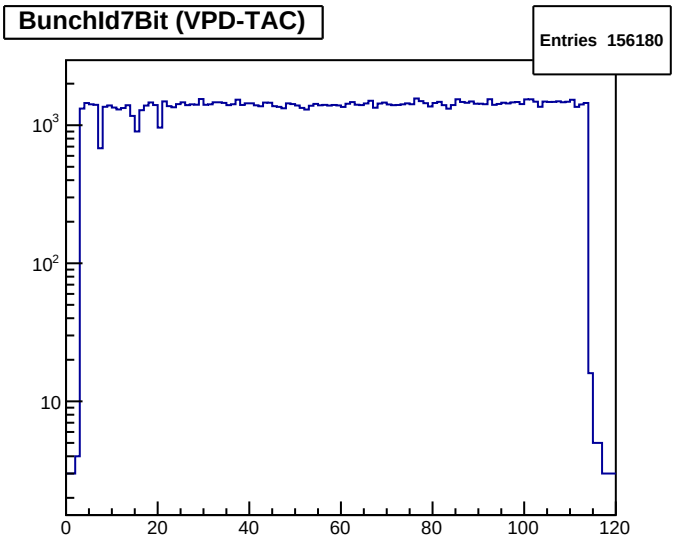
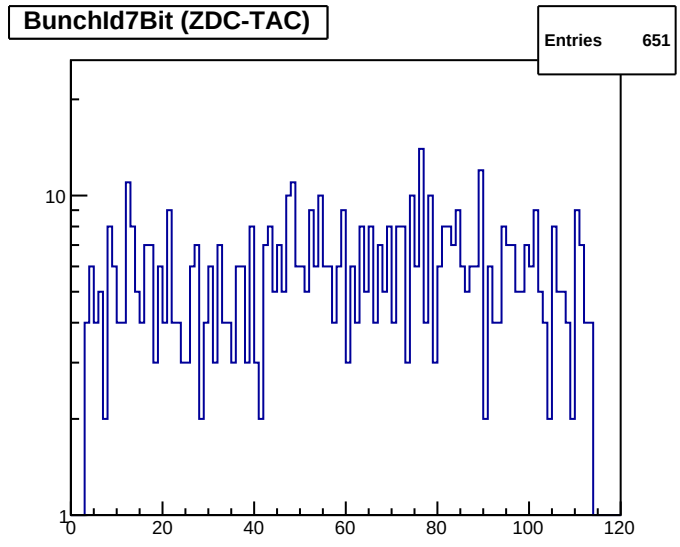
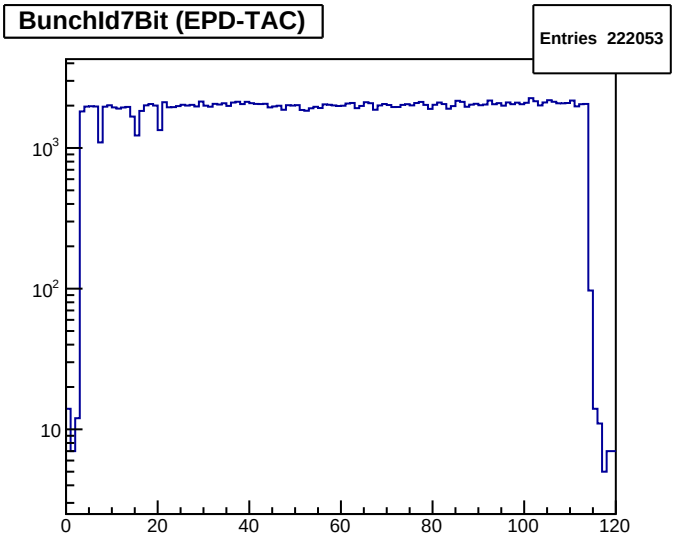
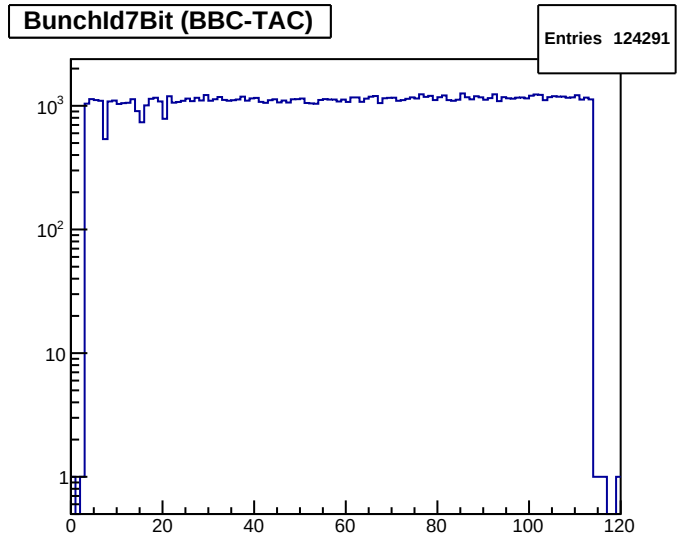
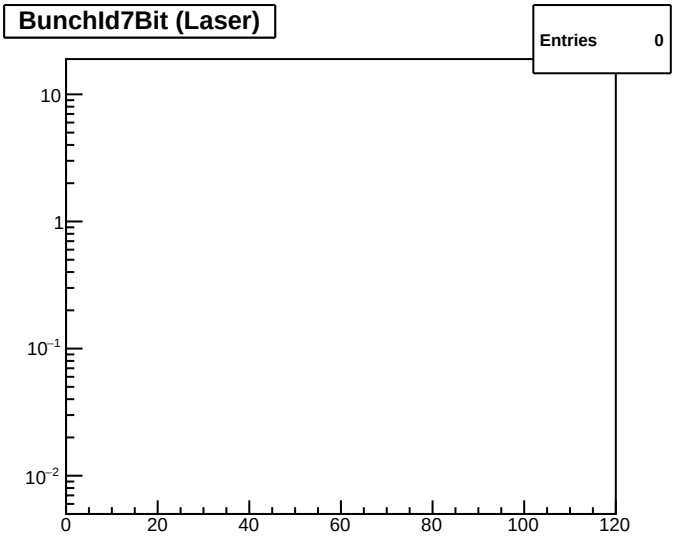
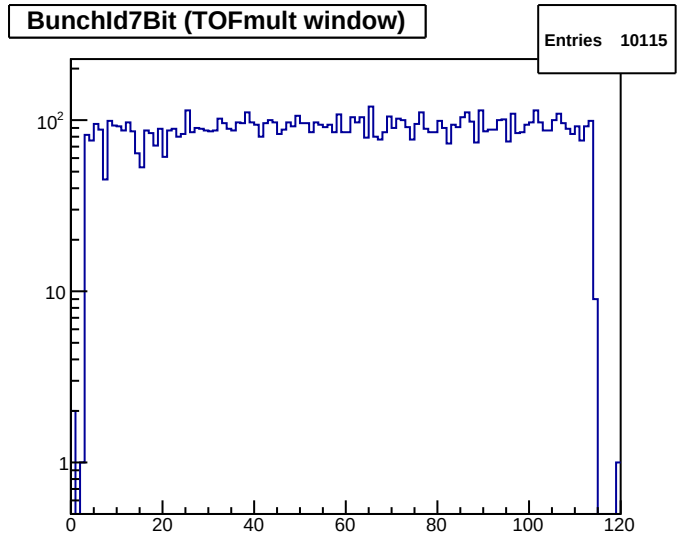

BunchId7Bit (VPD-TAC)
Entries 156180

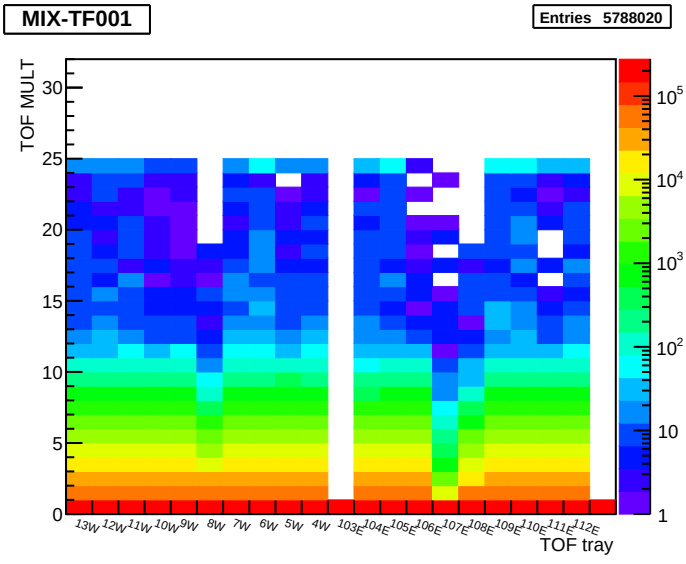

BunchId7Bit (ZDC-TAC)
Entries 651

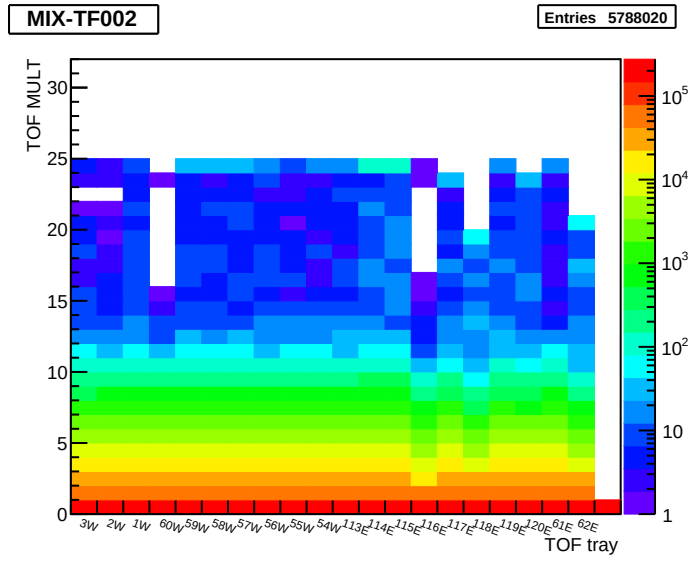

BunchId7Bit (EPD-TAC)
Entries 222053

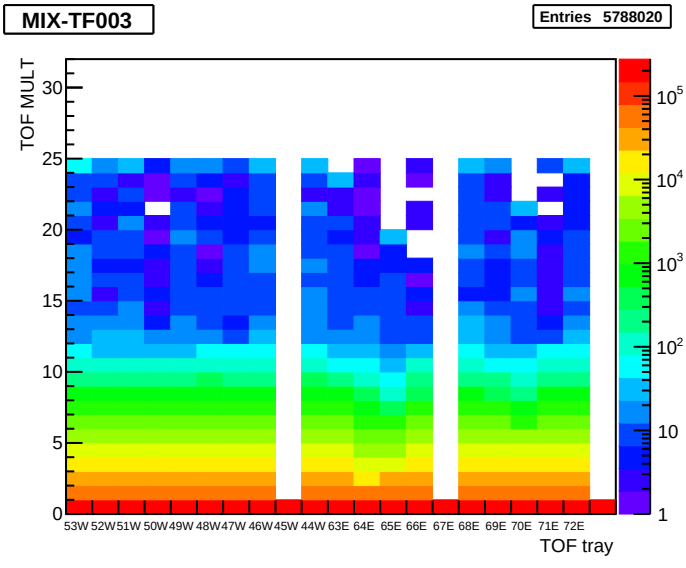

BunchId7Bit (BBC-TAC)
Entries 124291

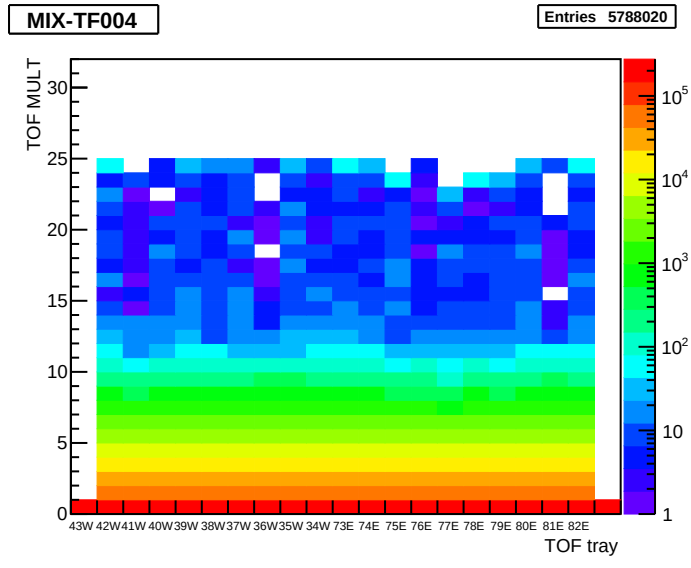

BunchId7Bit (Laser)
Entries 0

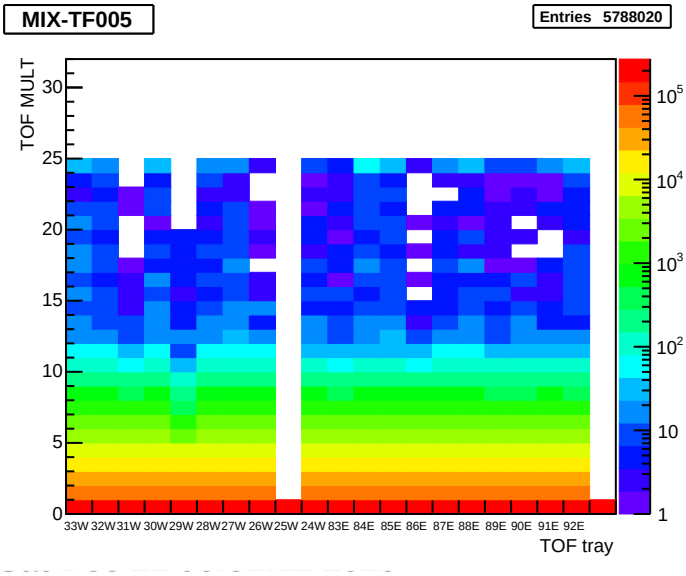

BunchId7Bit (TOFmult window)
Entries 10115

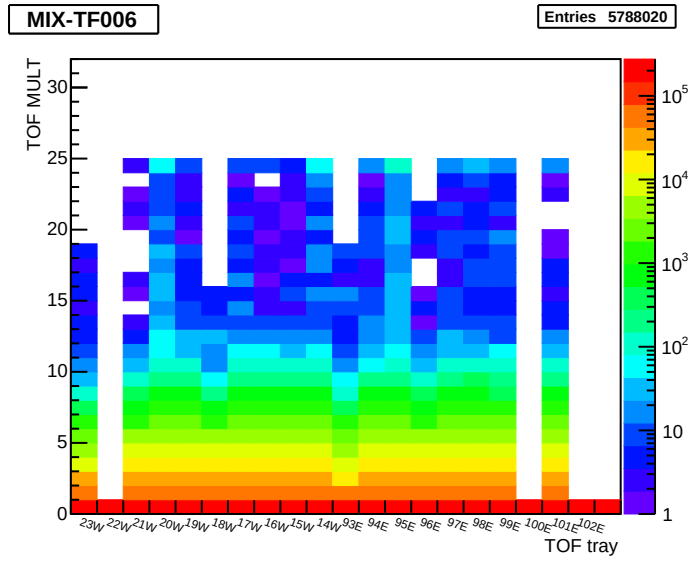

MIX-TF001
Entries 5788020
TOF MULT
TOF tray

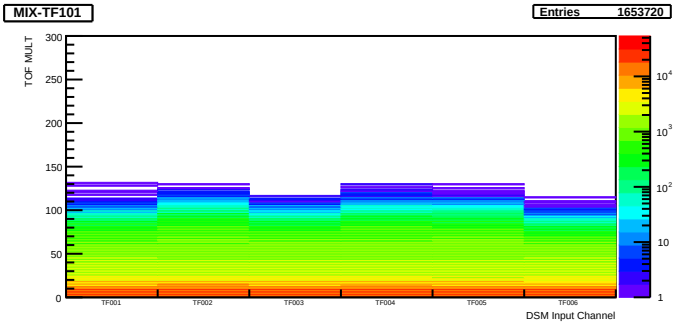

MIX-TF002
Entries 5788020
TOF MULT
TOF tray

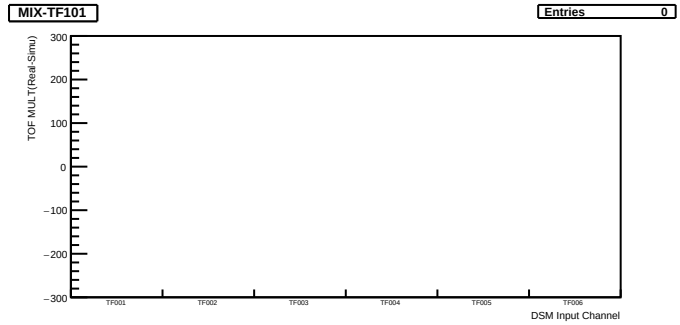

MIX-TF003
Entries 5788020
TOF MULT
TOF tray

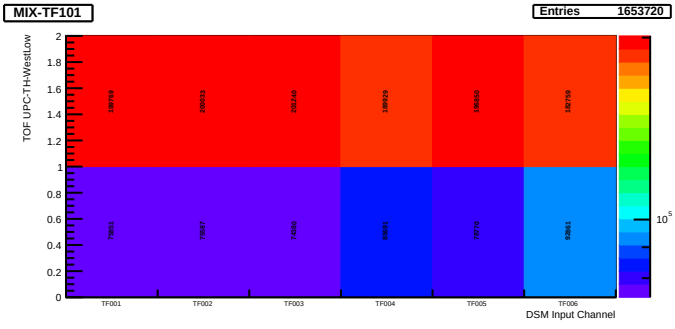

MIX-TF004
Entries 5788020
TOF MULT
TOF tray

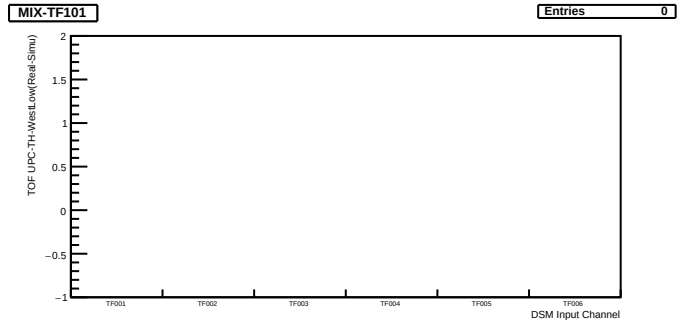

MIX-TF005
Entries 5788020
TOF MULT
TOF tray

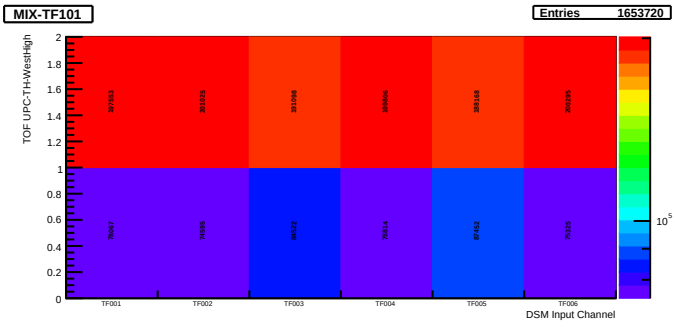

MIX-TF006
Entries 5788020
TOF MULT
TOF tray

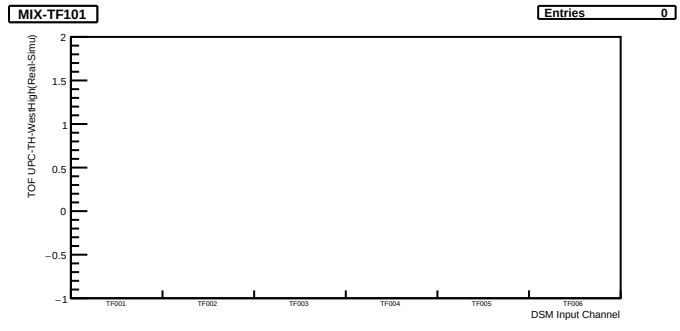

MIX-TF101
Entries 1653720
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

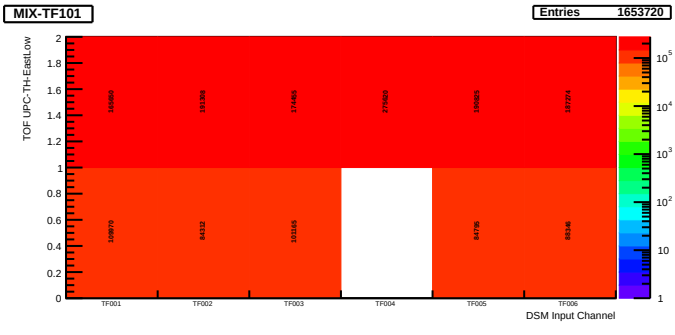

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

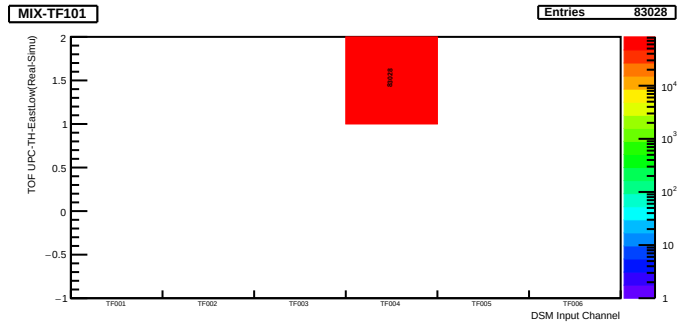

MIX-TF101
Entries 1653720
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

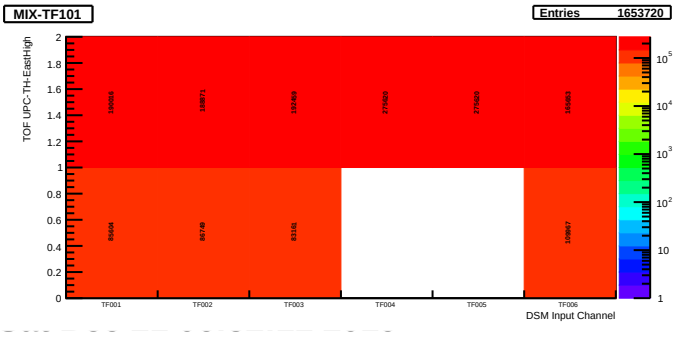

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

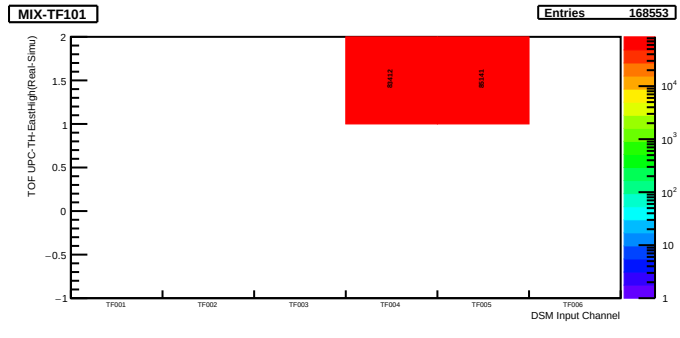

MIX-TF101
Entries 1653720
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

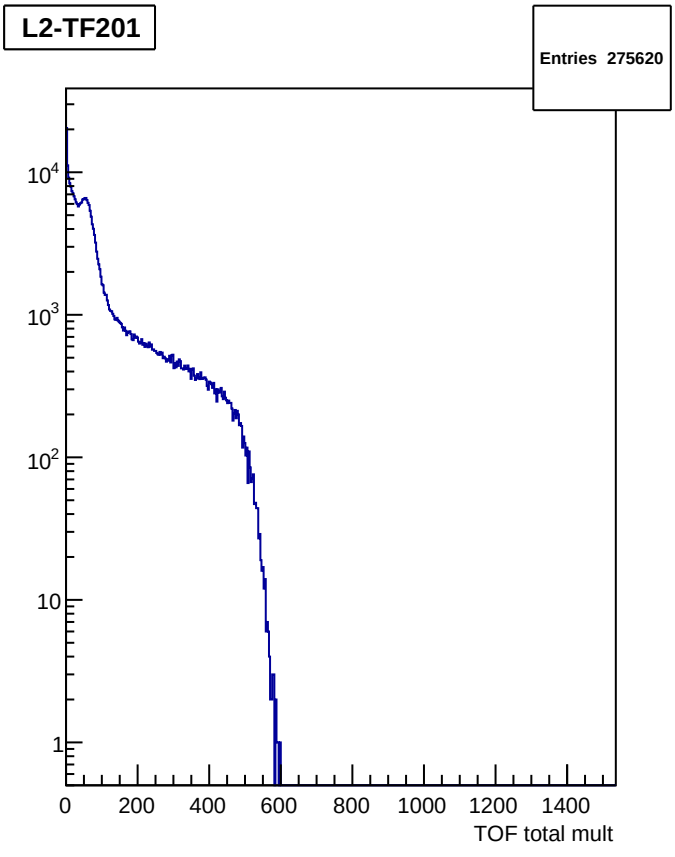

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

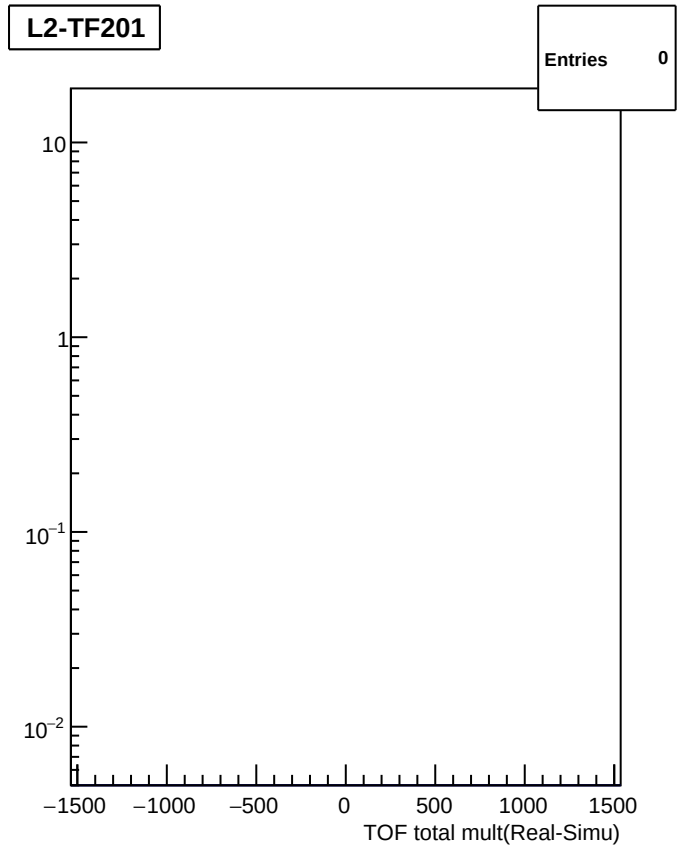

MIX-TF101
Entries 1653720
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

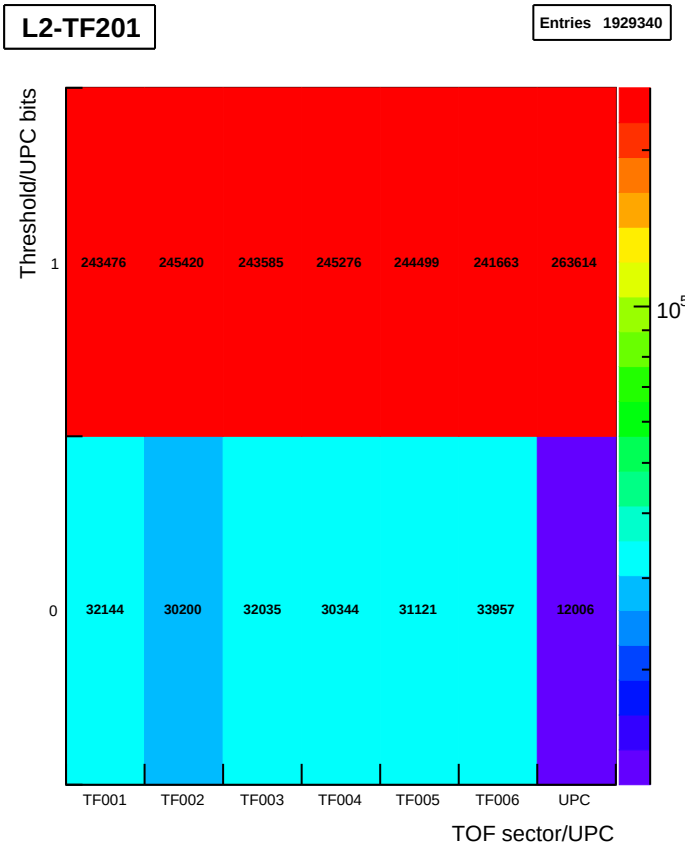

MIX-TF101
Entries 83028
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

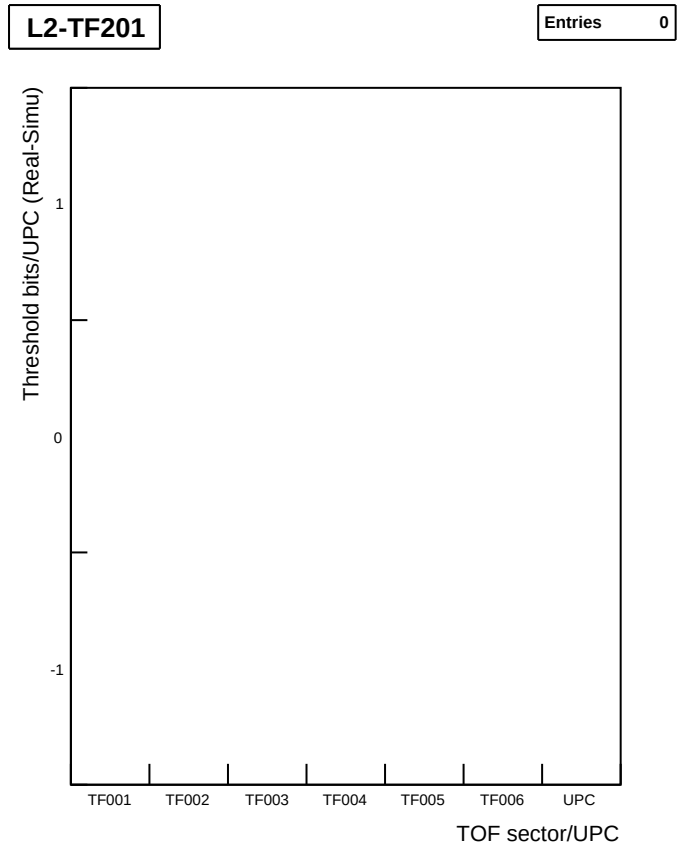

MIX-TF101
Entries 1653720
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

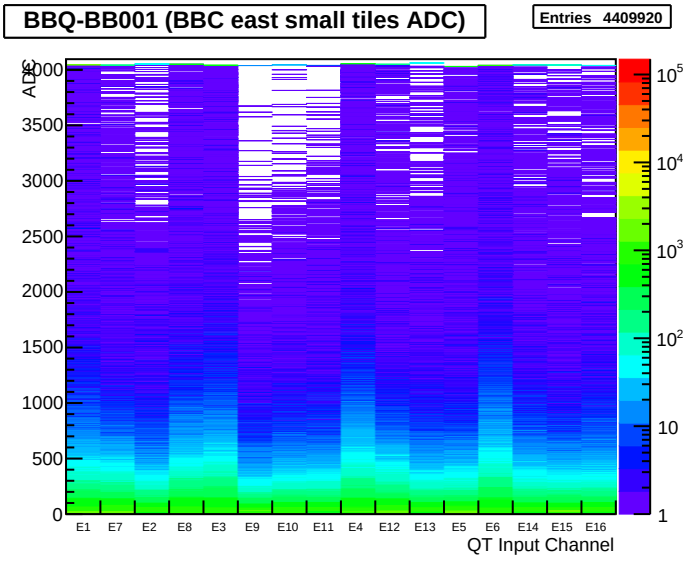

MIX-TF101
Entries 168553
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

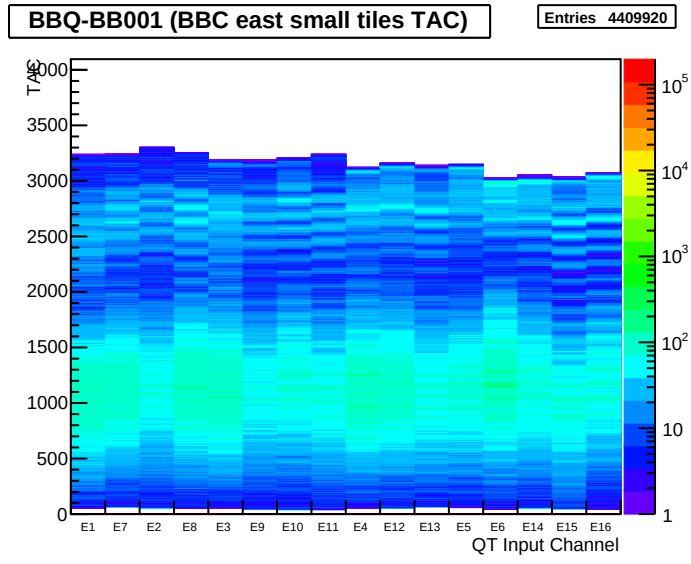

L2-TF201
Entries 275620
TOF total mult

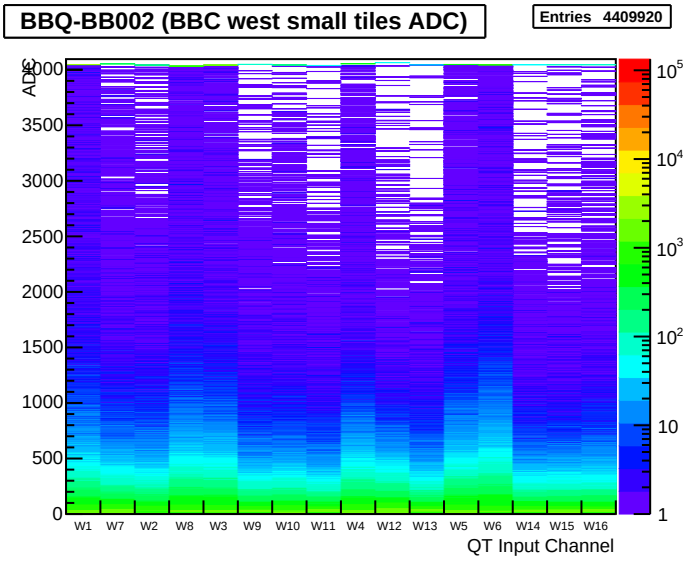

L2-TF201
Entries 0
TOF total mult(Real-Simu)

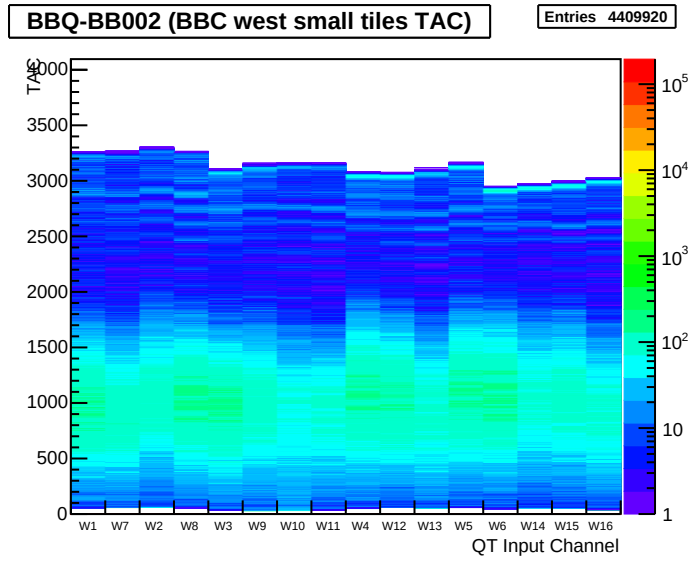

L2-TF201
Entries 1929340
Threshold/UPC bits
243476
245420
243585
245276
244499
241663
263614
32144
30200
32035
30344
31121
33957
12006
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

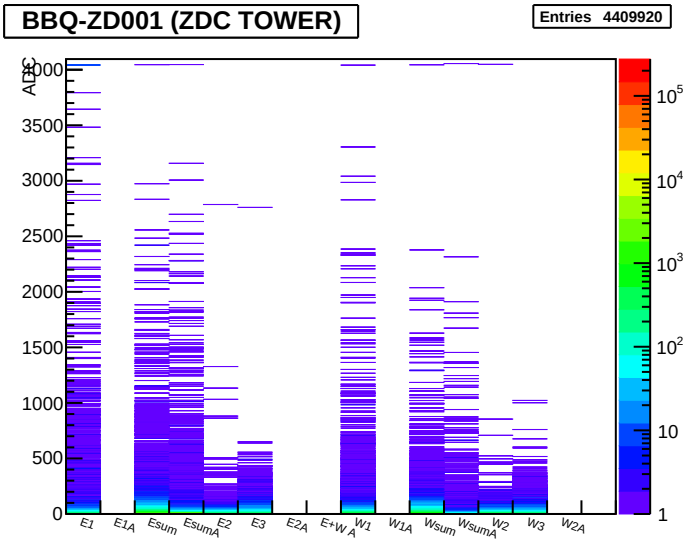

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

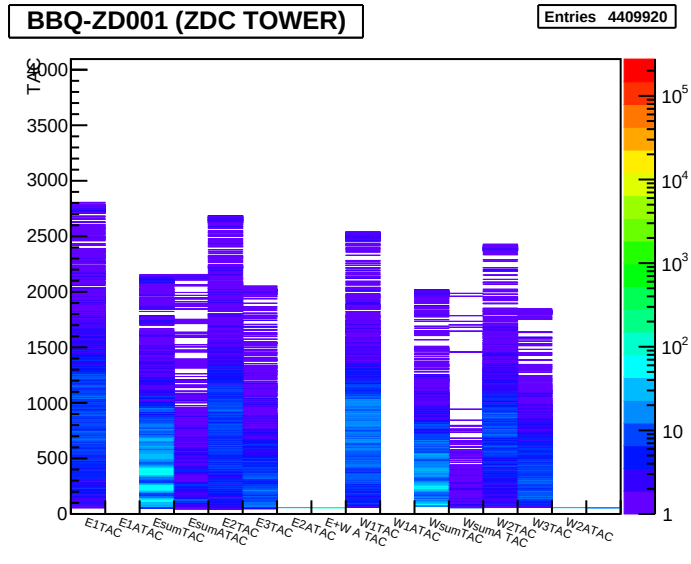

BBQ-BB001 (BBC east small tiles ADC)
Entries 4409920
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

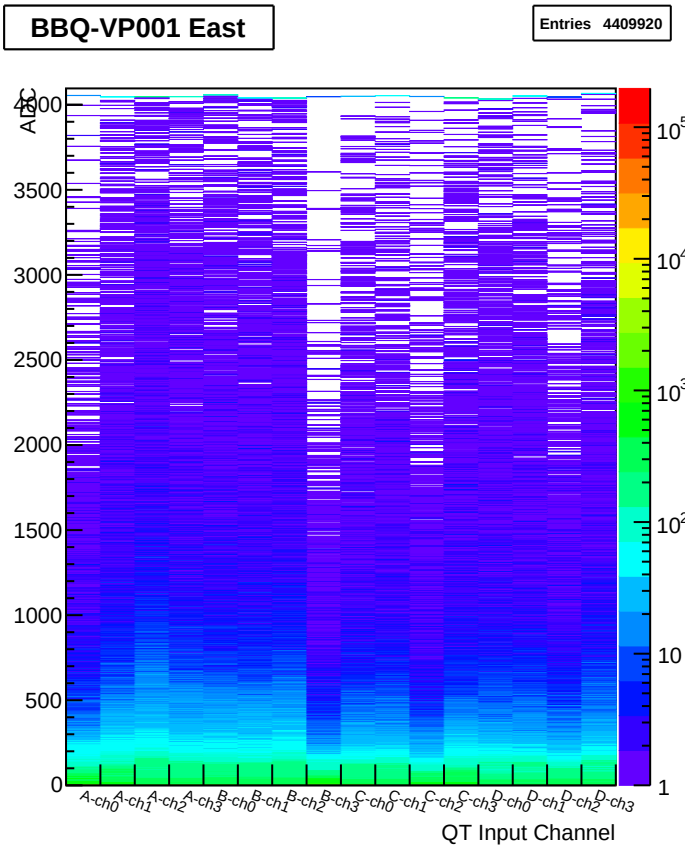

BBQ-BB001 (BBC east small tiles TAC)
Entries 4409920
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

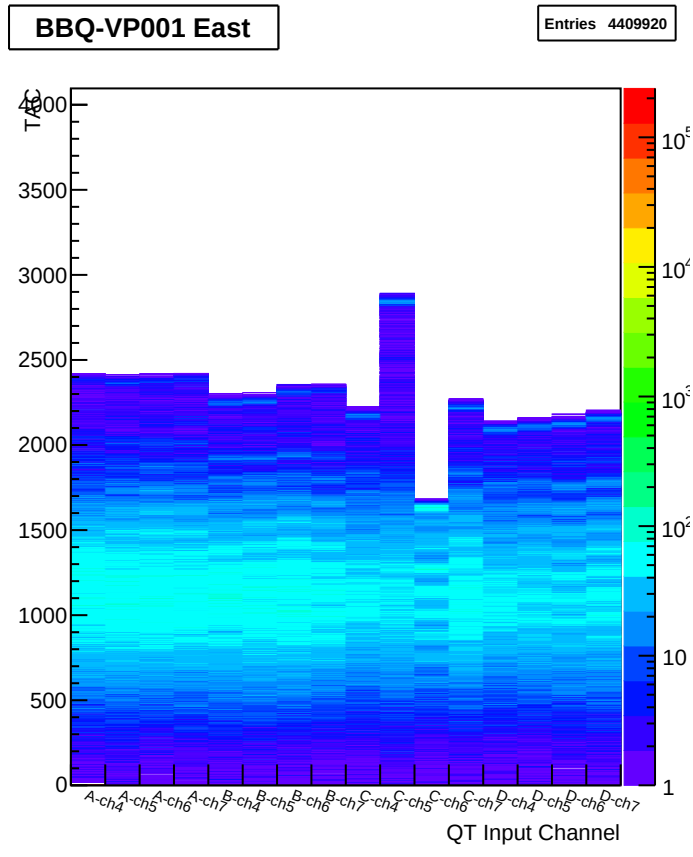

BBQ-BB002 (BBC west small tiles ADC)
Entries 4409920
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

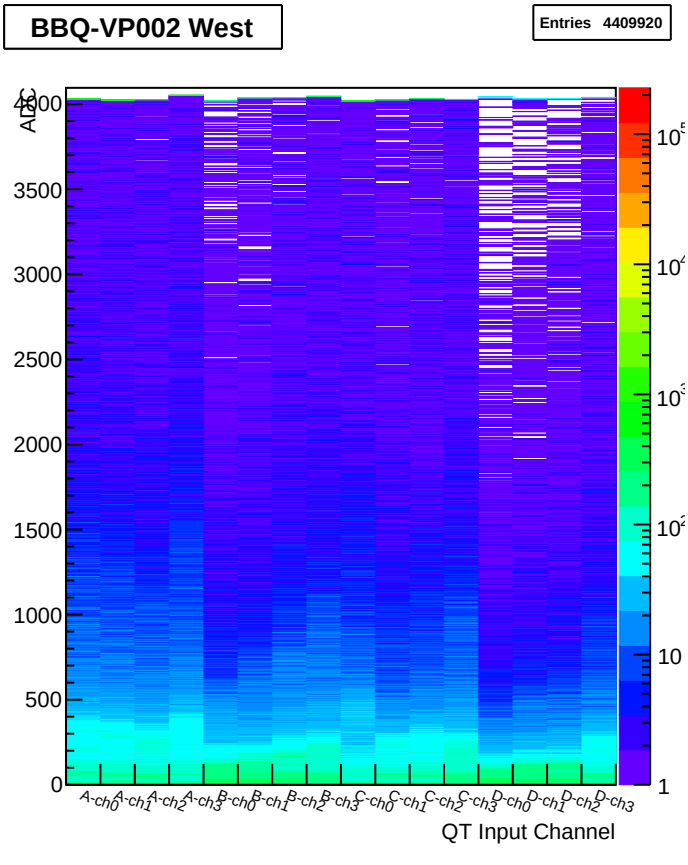

BBQ-BB002 (BBC west small tiles TAC)
Entries 4409920
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

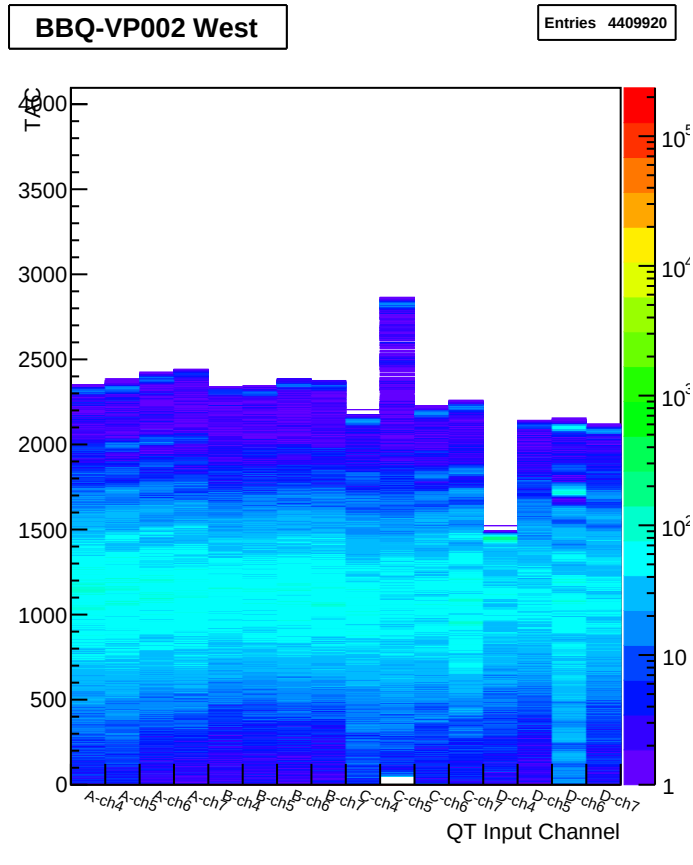

BBQ-ZD001 (ZDC TOWER)
Entries 4409920
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

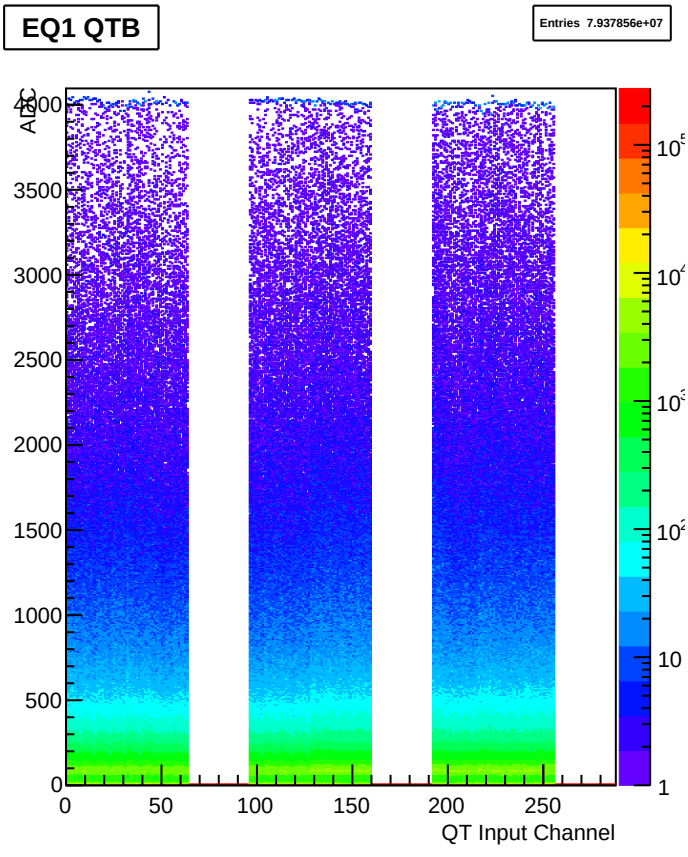

BBQ-ZD001 (ZDC TOWER)
Entries 4409920
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

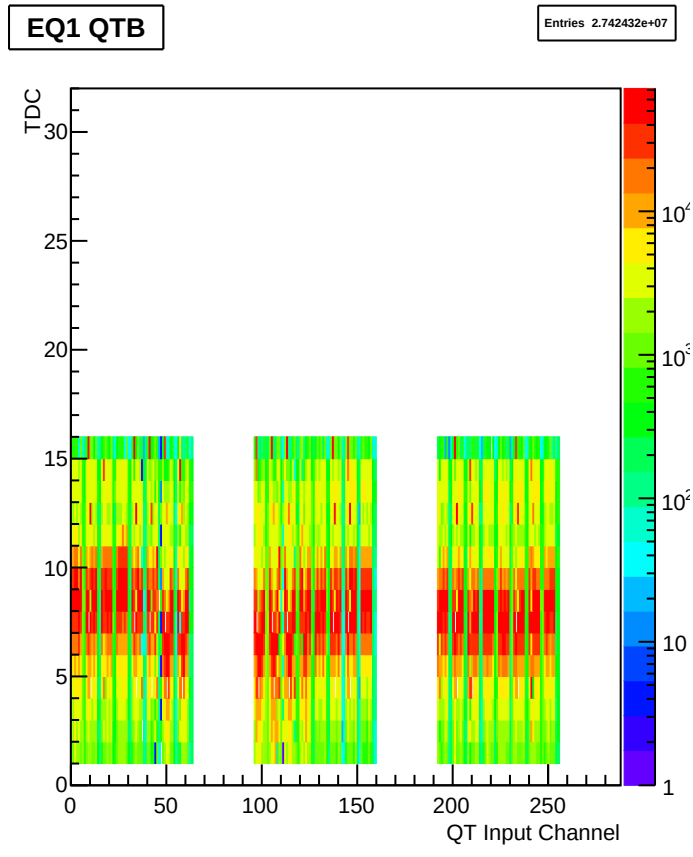

BBQ-VP001 East
Entries 4409920
ADC
QT Input Channel

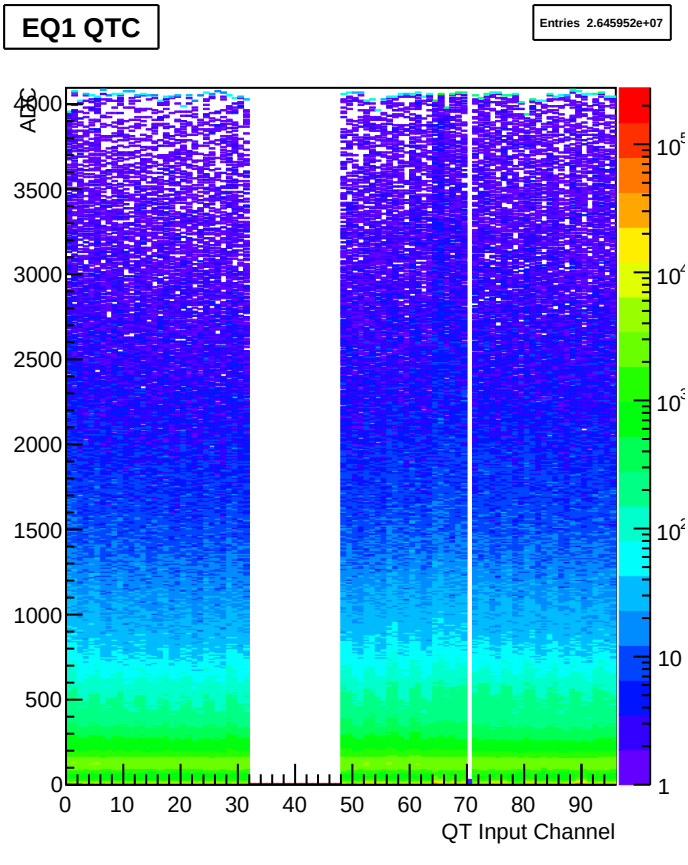

BBQ-VP001 East
Entries 4409920
ADC
QT Input Channel

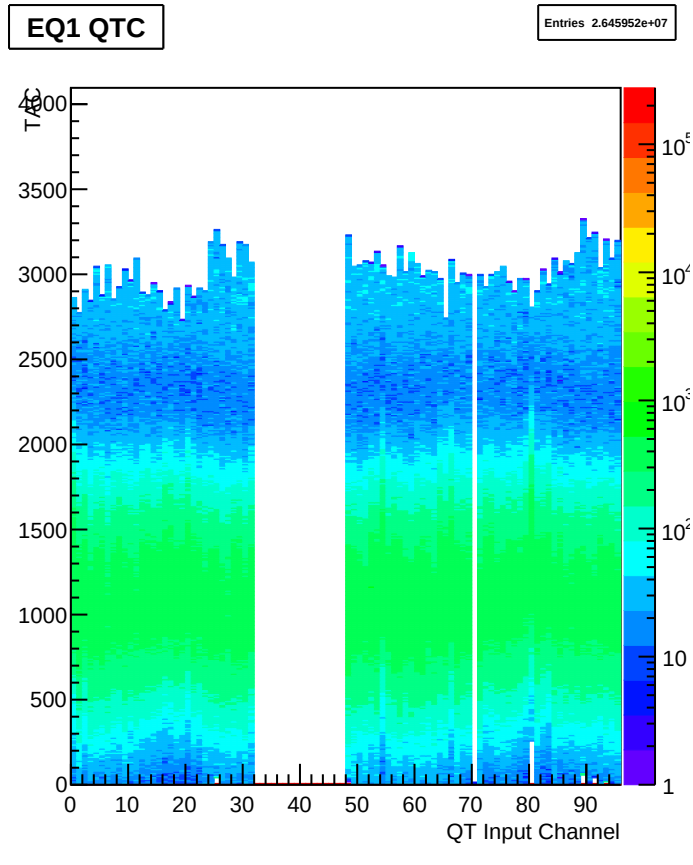

BBQ-VP002 West
Entries 4409920
ADC
QT Input Channel

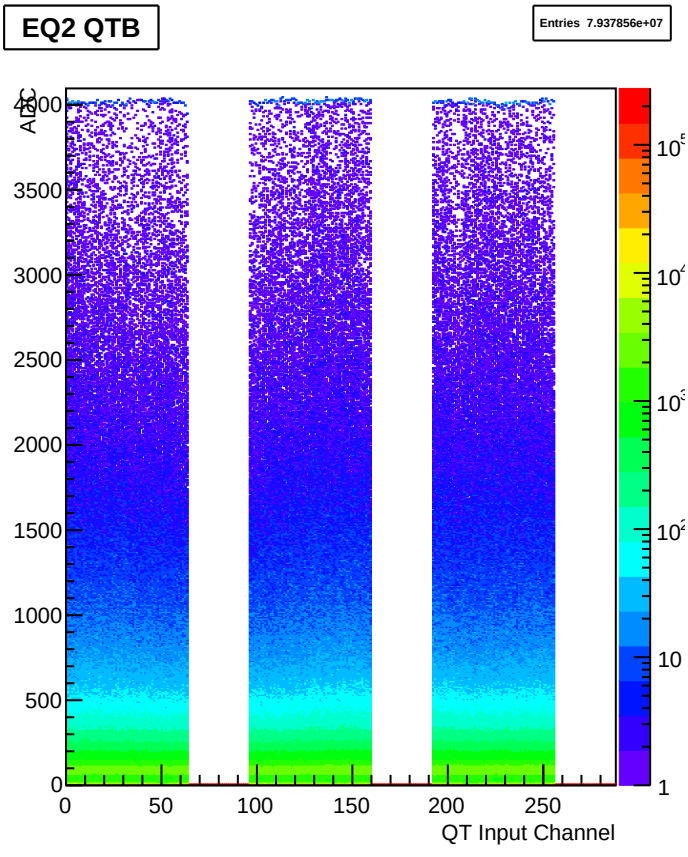

BBQ-VP002 West
Entries 4409920
ADC
QT Input Channel

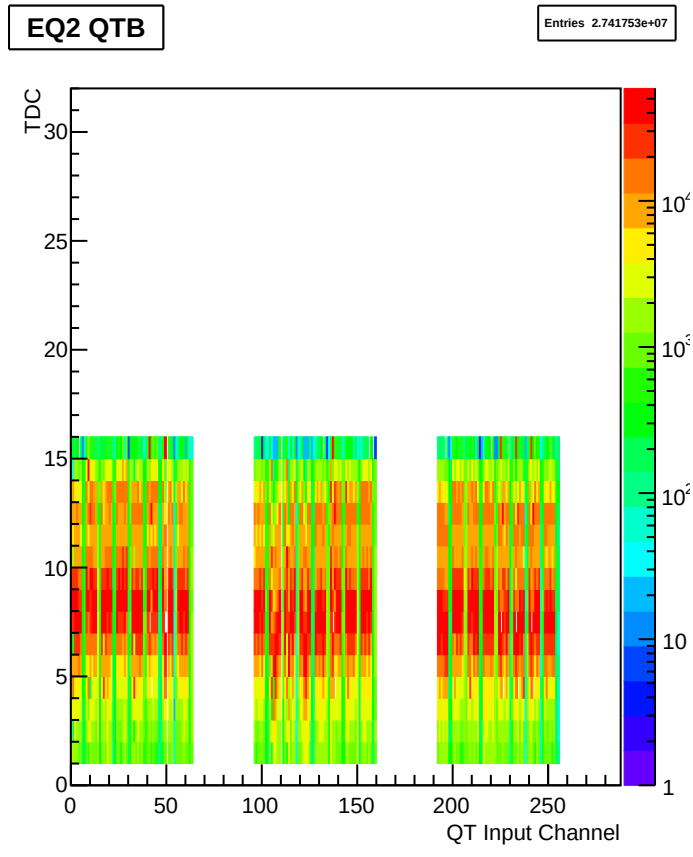

EQ1 QTB
Entries 7.937856e+07
ADC
QT Input Channel

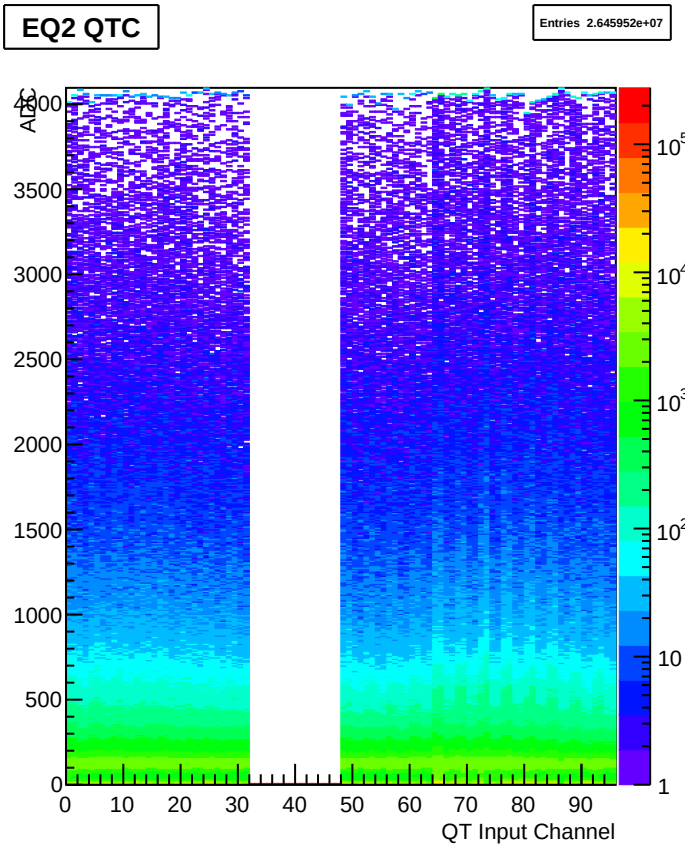

EQ1 QTB
Entries 2.742432e+07
TDC
QT Input Channel

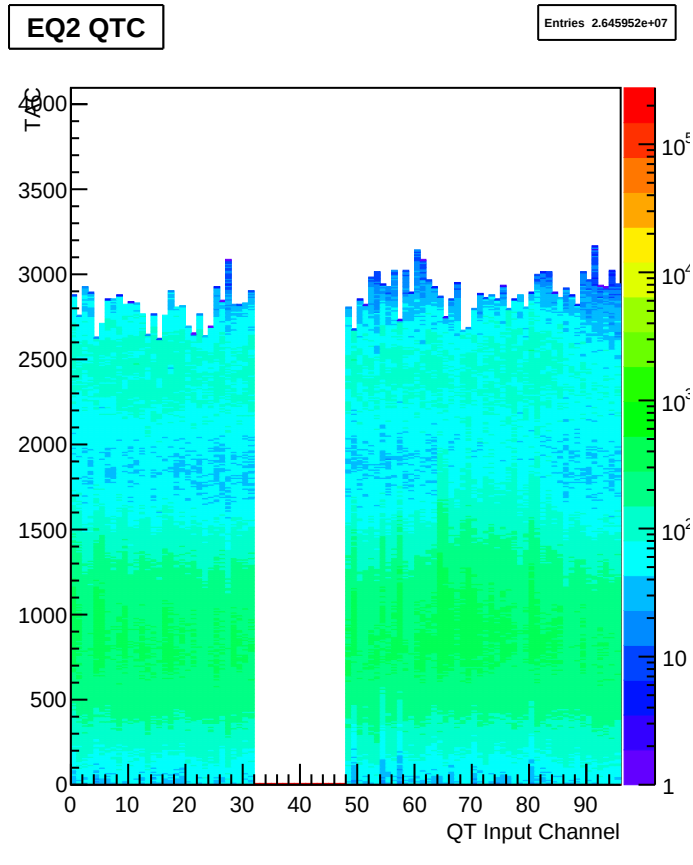

EQ1 QTC
Entries 2.645952e+07
ADC
QT Input Channel

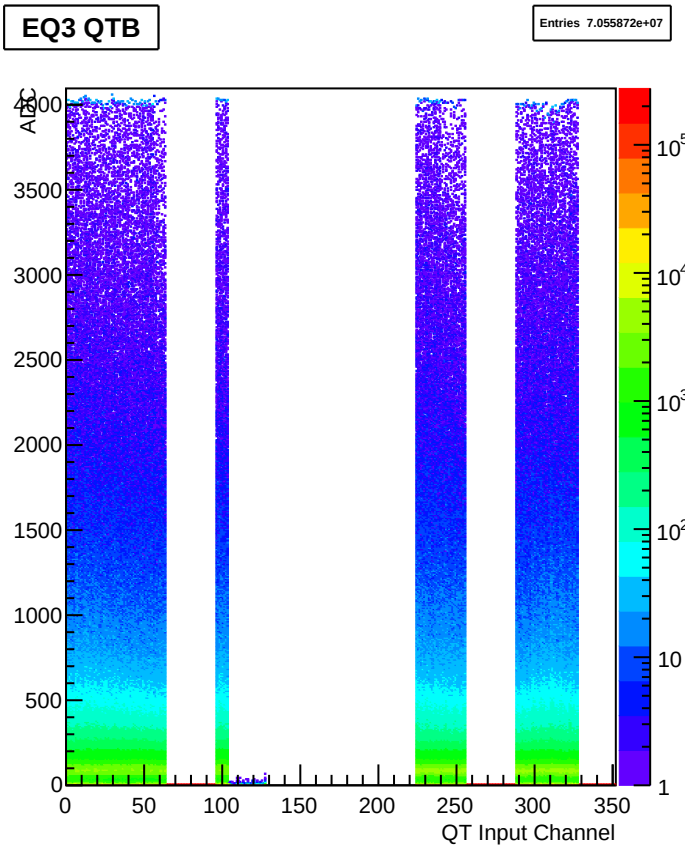

EQ1 QTC
Entries 2.645952e+07
TADC
QT Input Channel

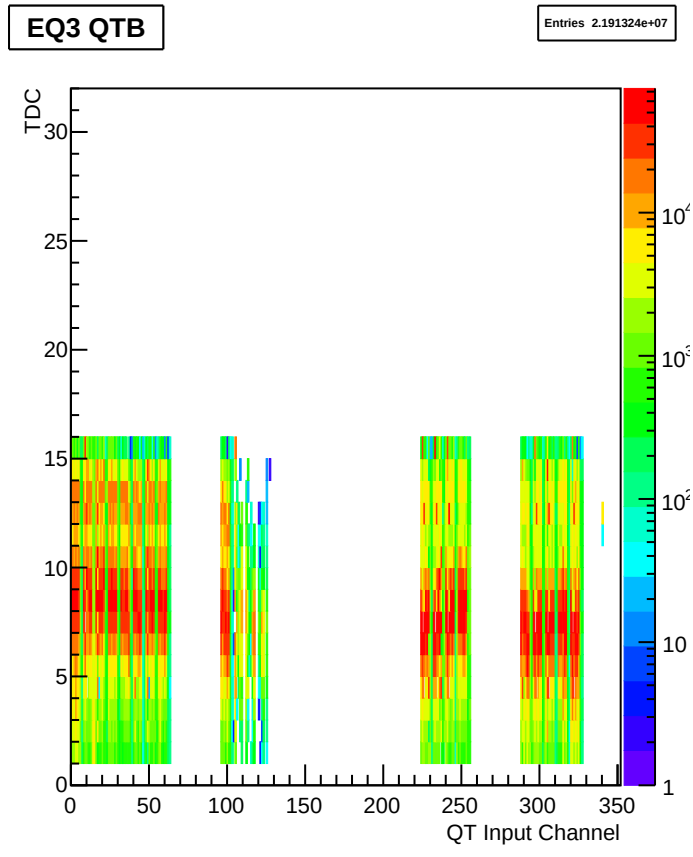

EQ2 QTB
Entries 7.937856e+07
ADC
QT Input Channel

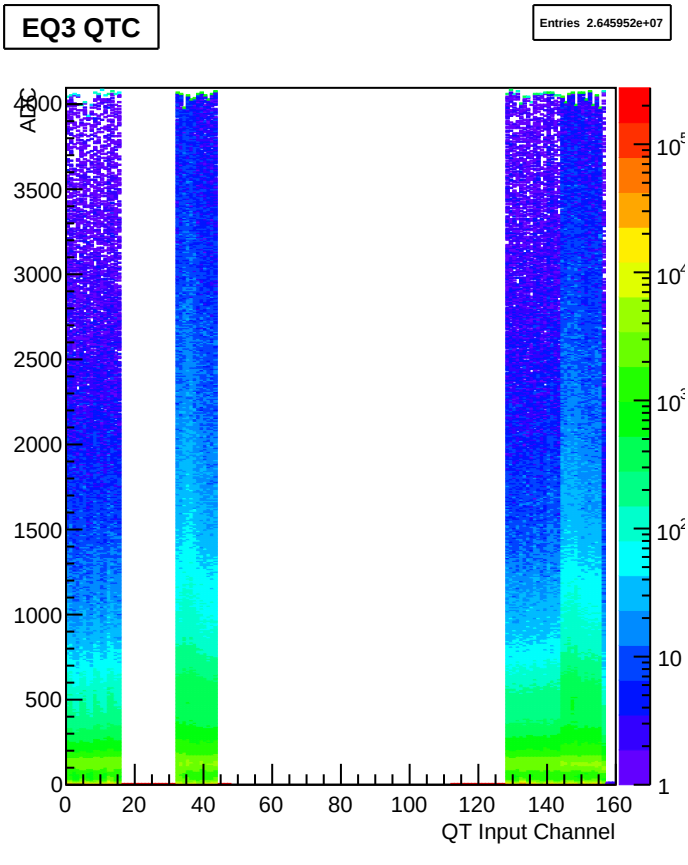

EQ2 QTB
Entries 2.741753e+07
TDC
QT Input Channel

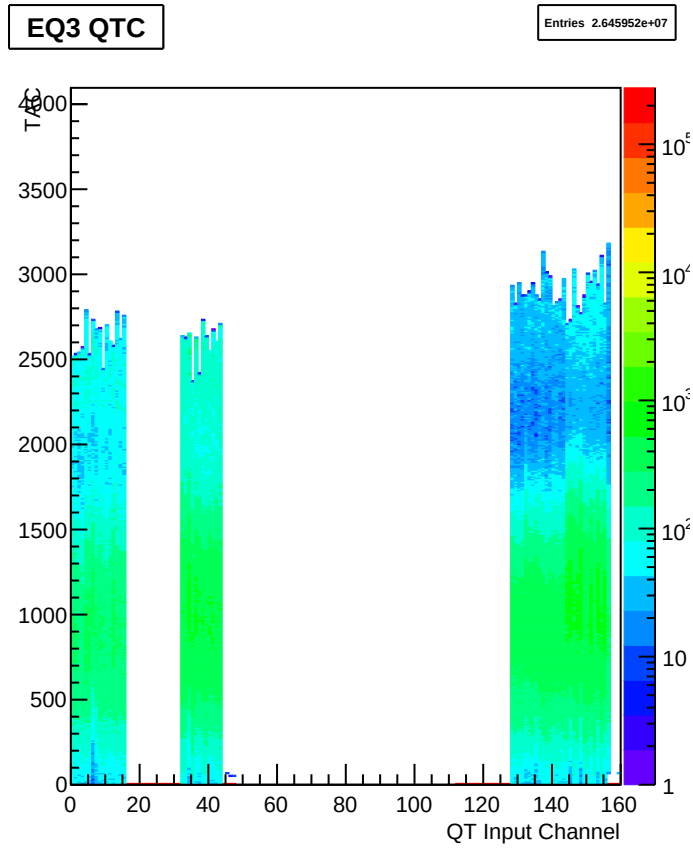

EQ2 QTC
Entries 2.645952e+07
ADC
QT Input Channel

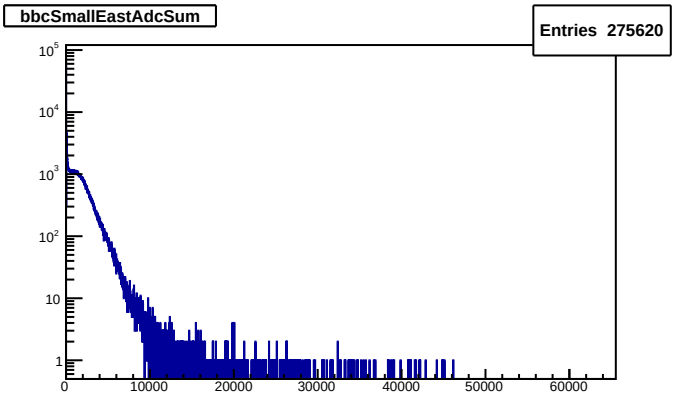

EQ2 QTC
Entries 2.645952e+07
TADC
QT Input Channel

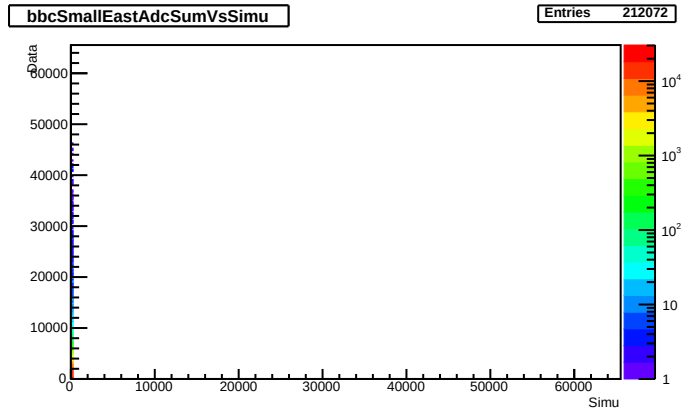

EQ3 QTB
Entries 7.055872e+07
ADC
QT Input Channel

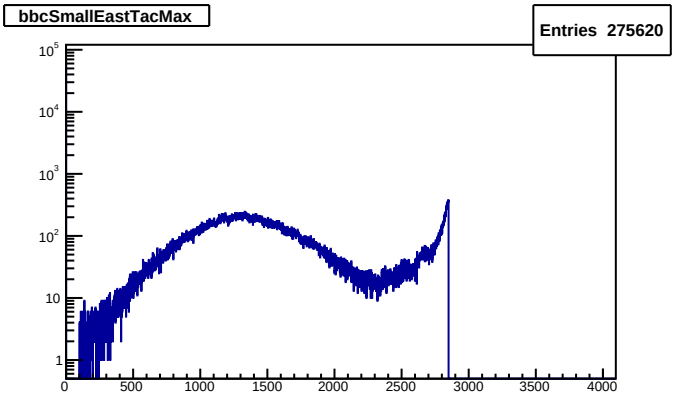

EQ3 QTB
Entries 2.191324e+07
TDC
QT Input Channel

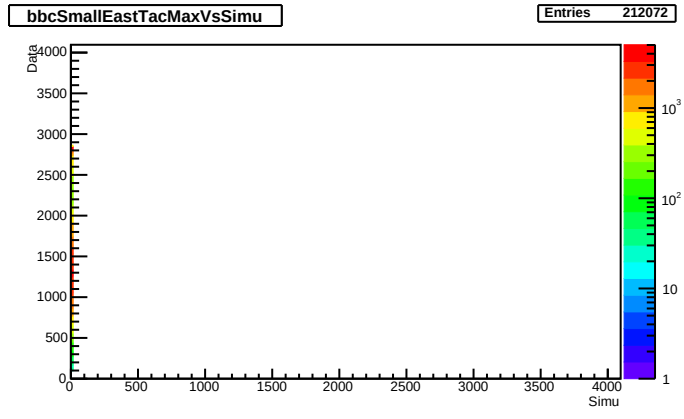

EQ3 QTC
Entries 2.645952e+07
ADC
QT Input Channel

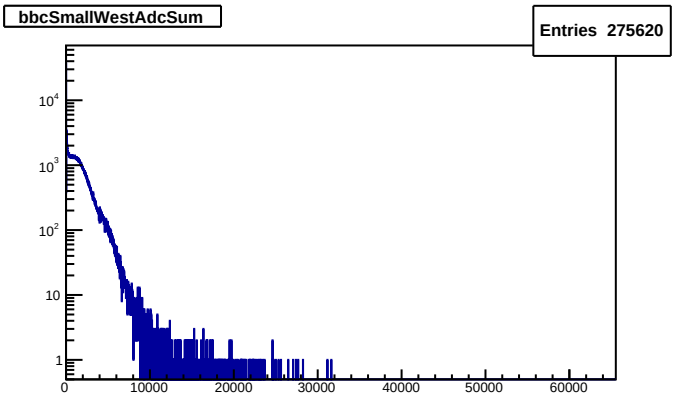

EQ3 QTC
Entries 2.645952e+07
TADC
QT Input Channel

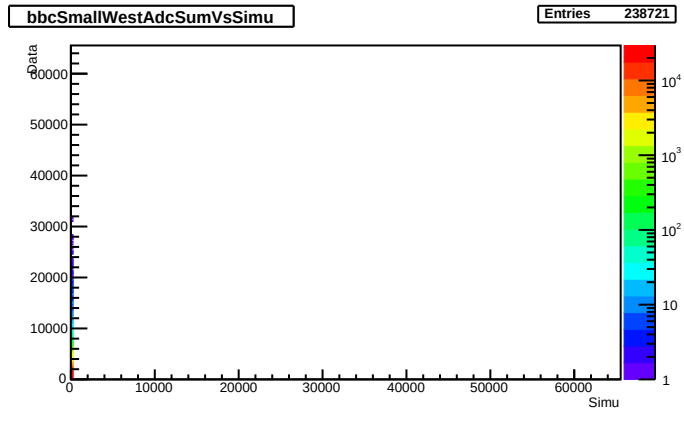

bbcSmallEastAdcSum
Entries 275620

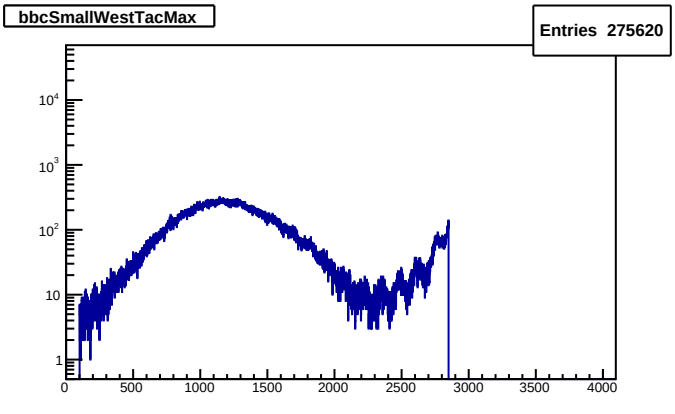

bbcSmallEastAdcSumVsSimu
Entries 212072
Data
Simu

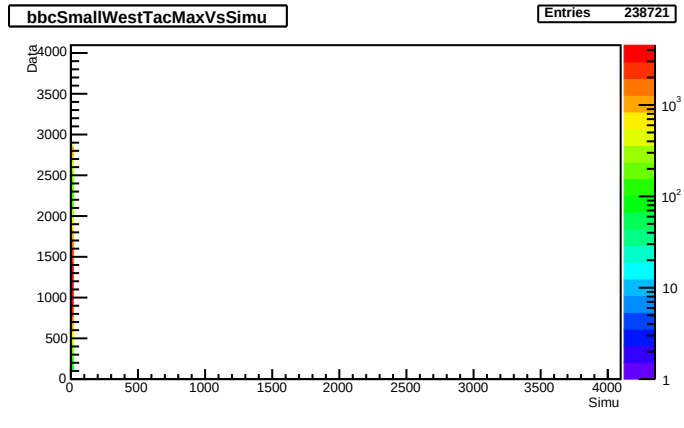

bbcSmallEastTacMax
Entries 275620

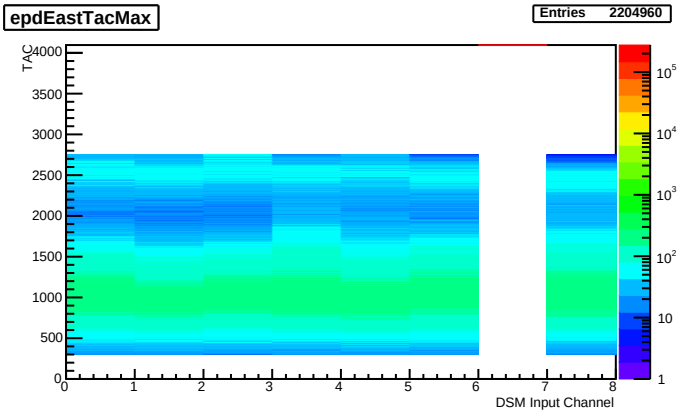

bbcSmallEastTacMaxVsSimu
Entries 212072
Data
Simu

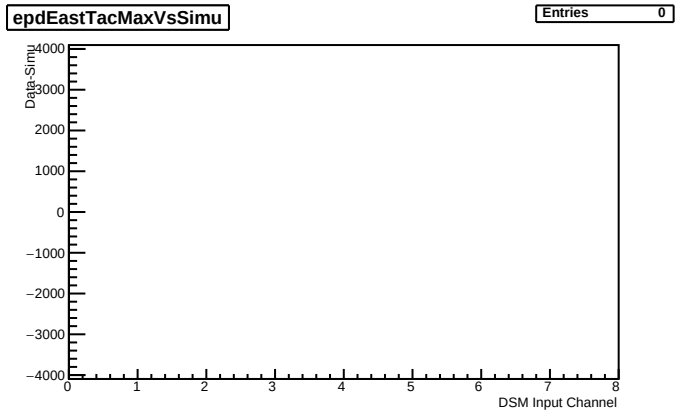

bbcSmallWestAdcSum
Entries 275620

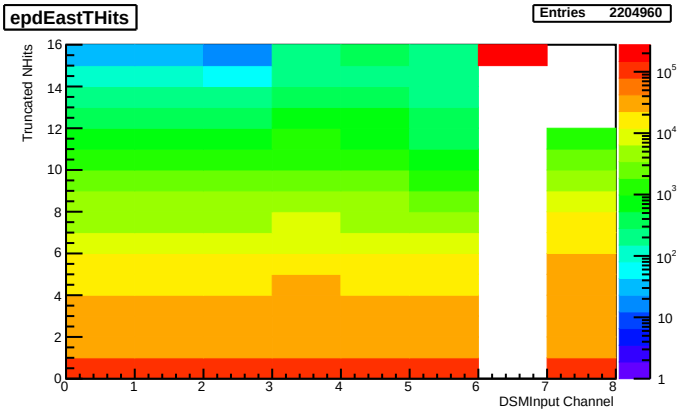

bbcSmallWestAdcSumVsSimu
Entries 238721
Data
Simu

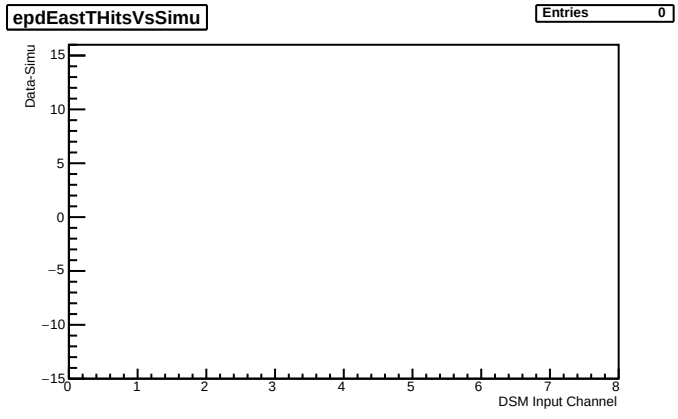

bbcSmallWestTacMax
Entries 275620

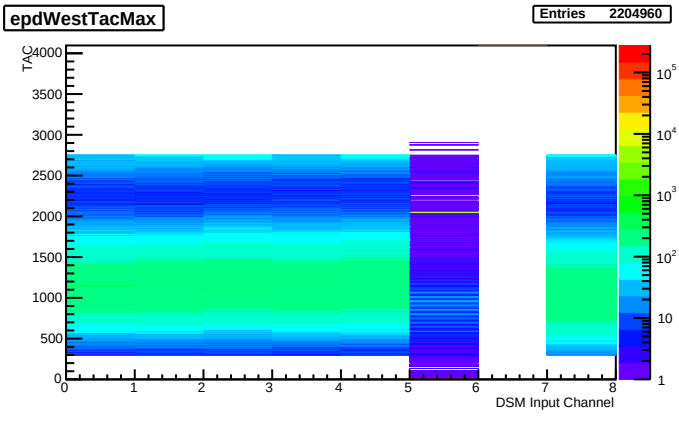

bbcSmallWestTacMaxVsSimu
Entries 238721
Data
Simu

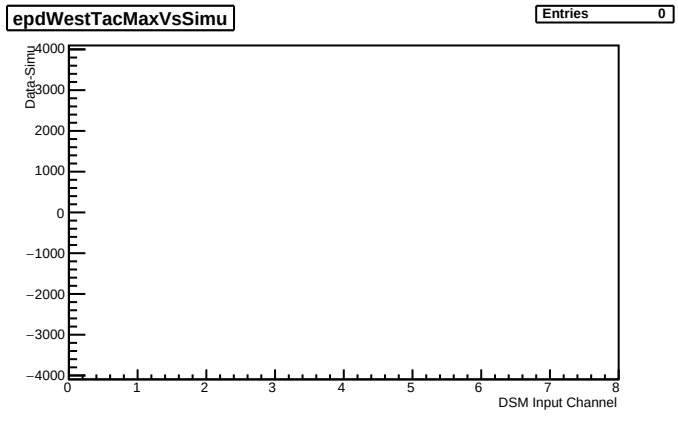

epdEastTacMax
Entries 2204960
TAC
DSM Input Channel

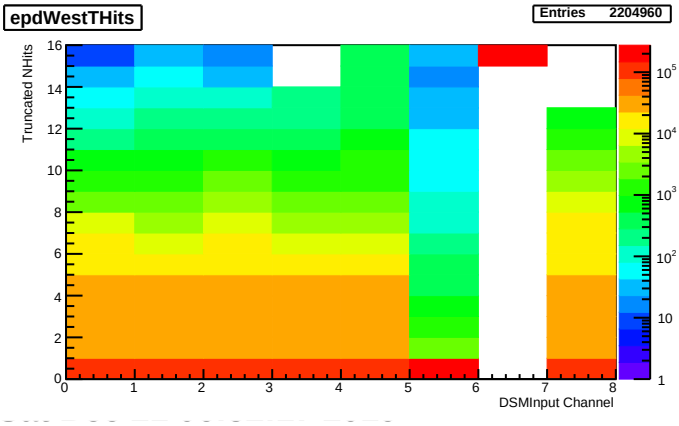

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

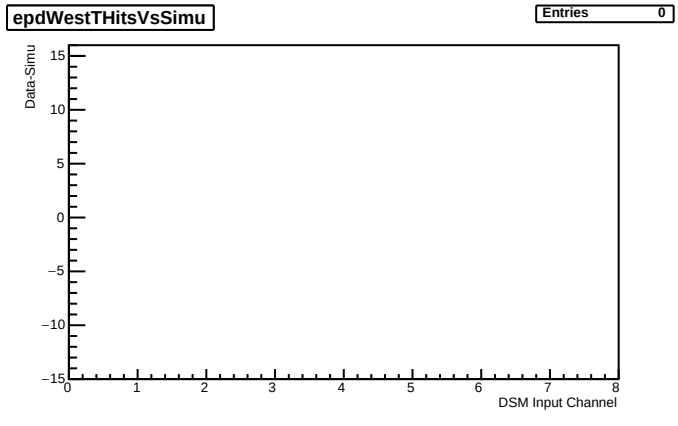

epdEastTHits
Entries 2204960
Truncated NHits
DSMInput Channel

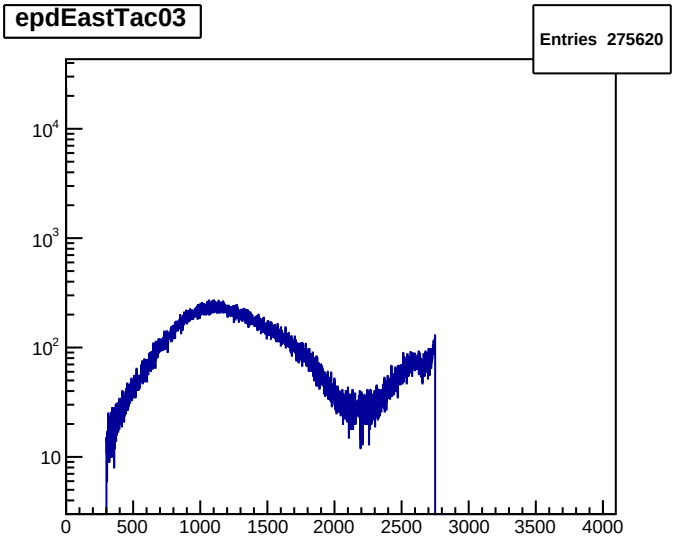

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

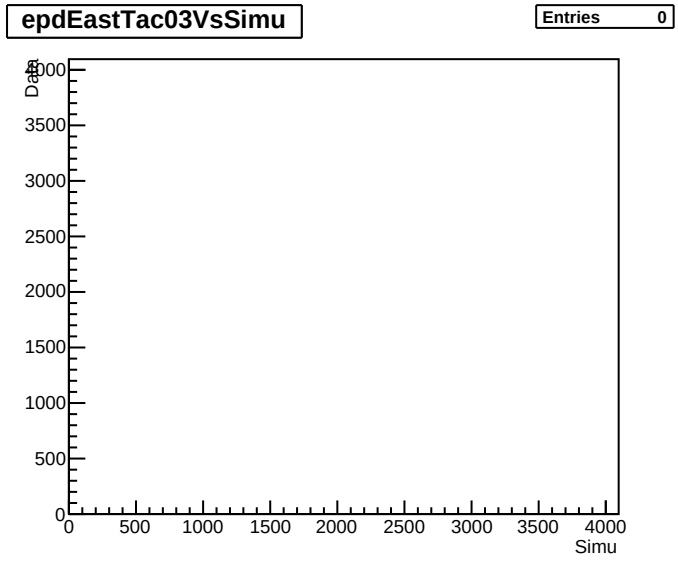

epdWestTacMax
Entries 2204960
TAC
DSM Input Channel

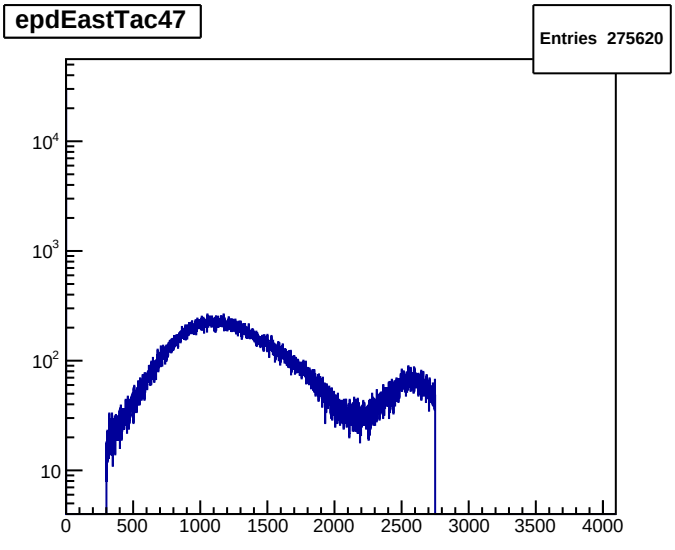

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

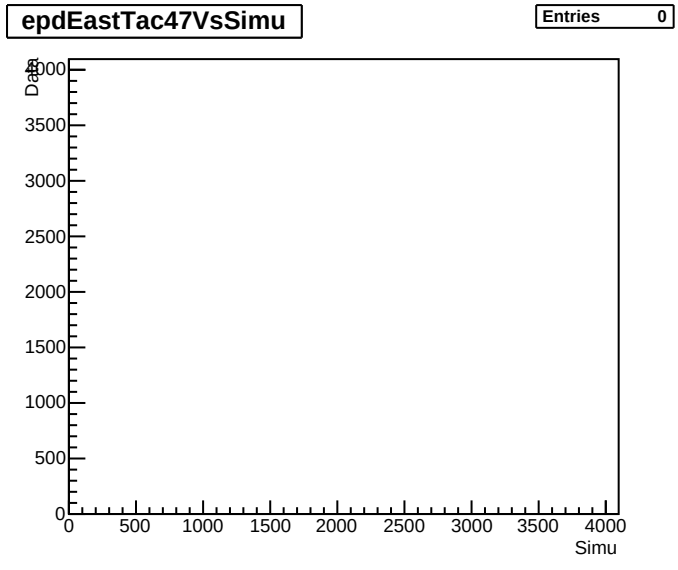

epdWestTHits
Entries 2204960
Truncated NHits
DSMInput Channel

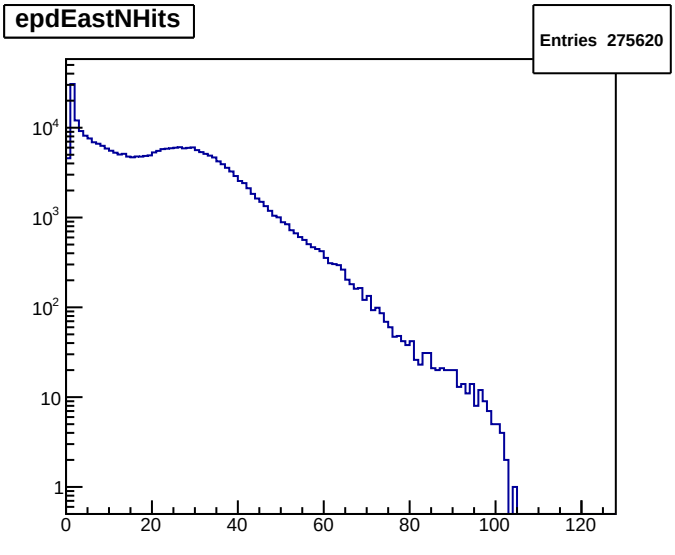

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

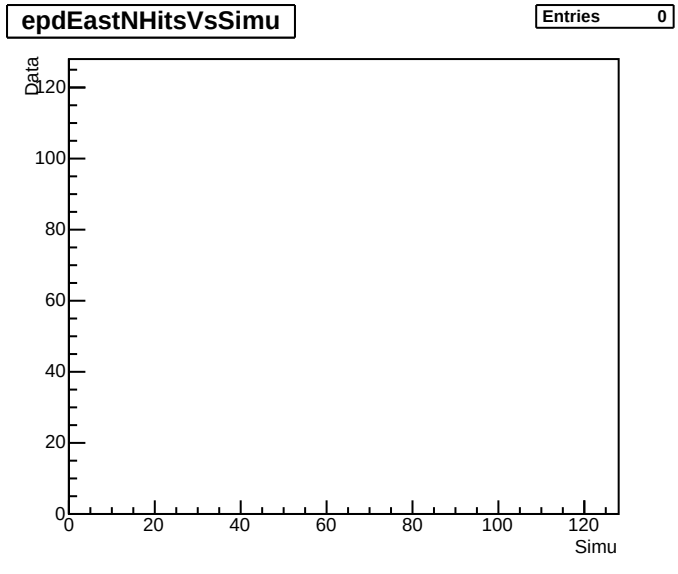

epdEastTac03
Entries 275620

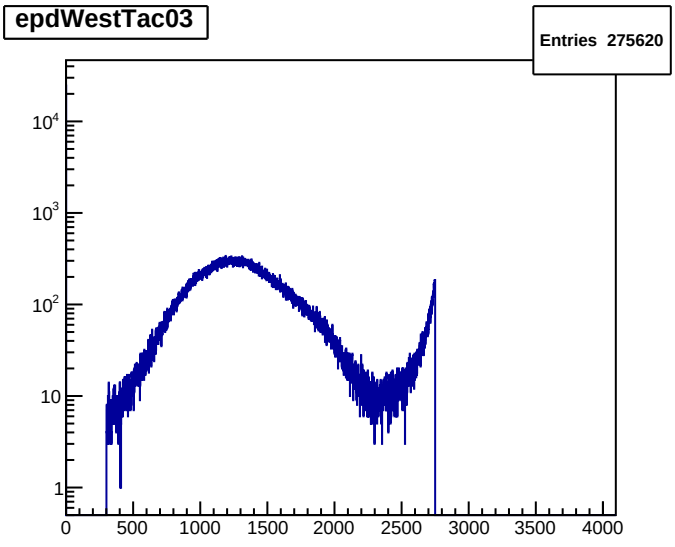

epdEastTac03VsSimu
Entries 0
Data
Simu

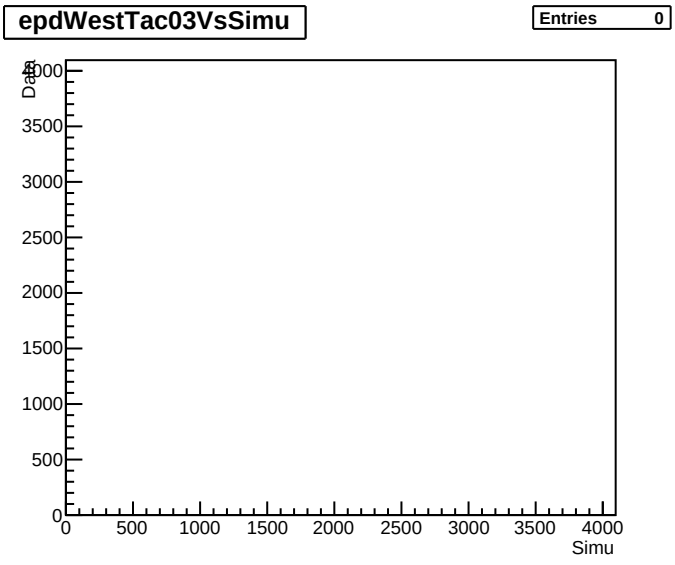

epdEastTac47
Entries 275620

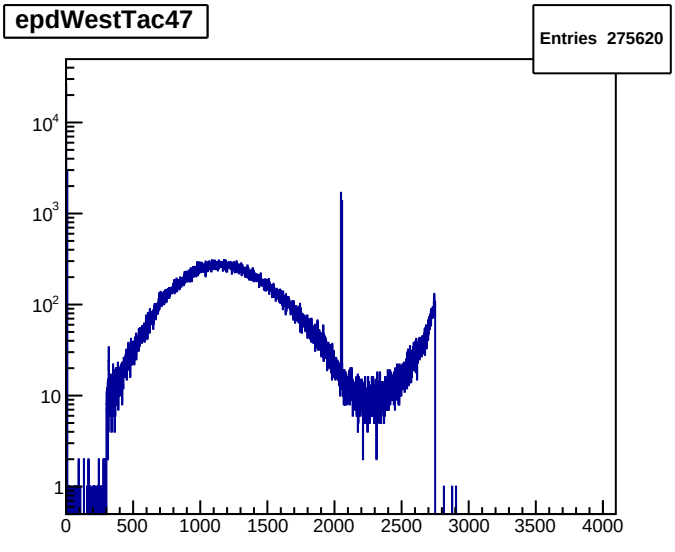

epdEastTac47VsSimu
Entries 0
Data
Simu

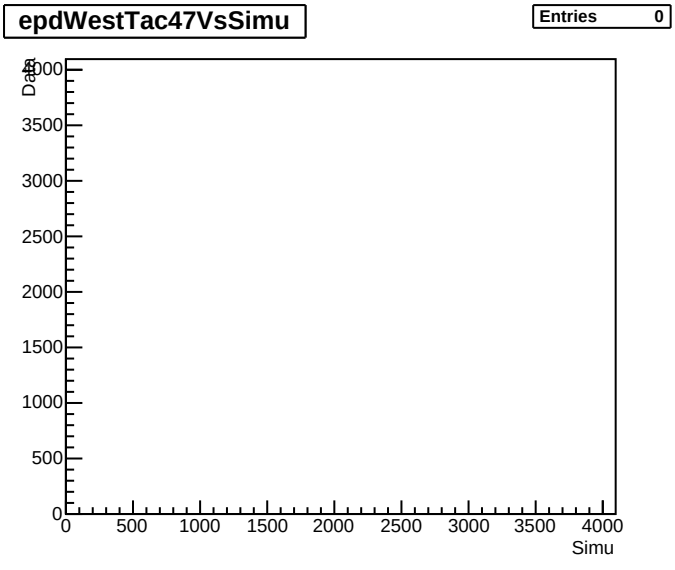

epdEastNHits
Entries 275620

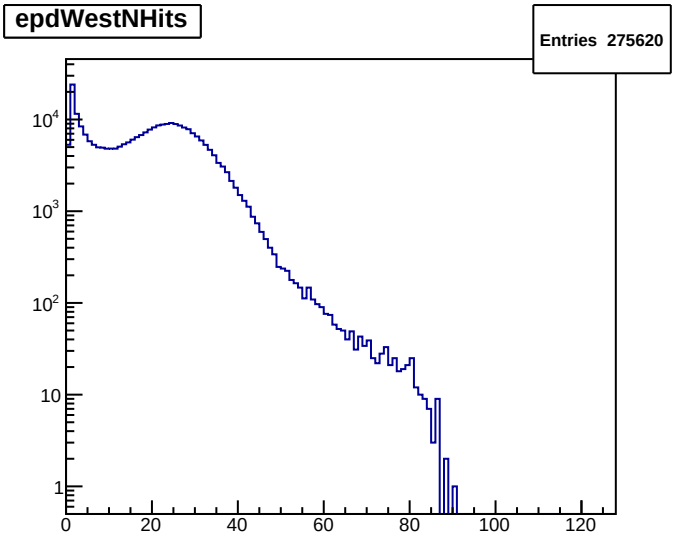

epdEastNHitsVsSimu
Entries 0
Data
Simu

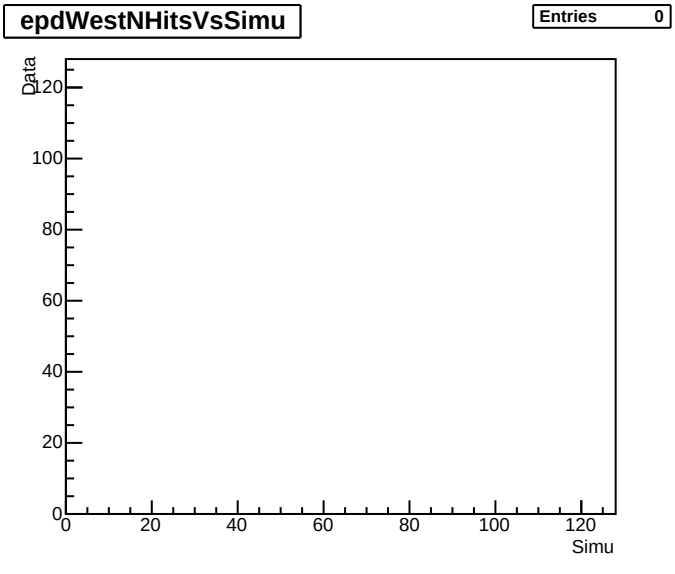

epdWestTac03
Entries 275620

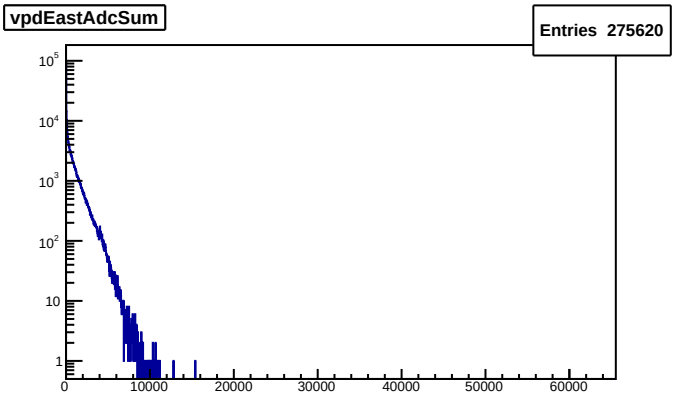

epdWestTac03VsSimu
Entries 0
Data
Simu

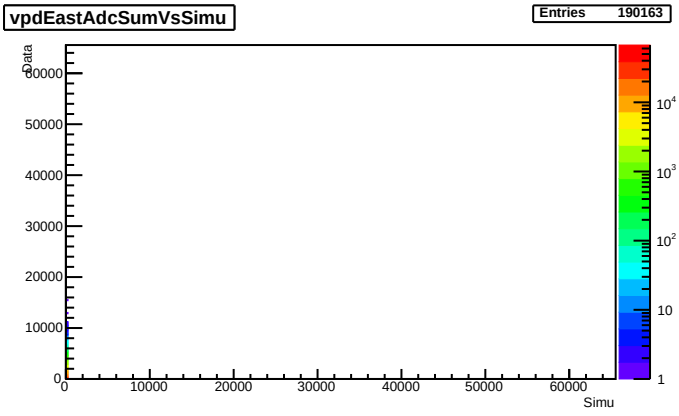

epdWestTac47
Entries 275620

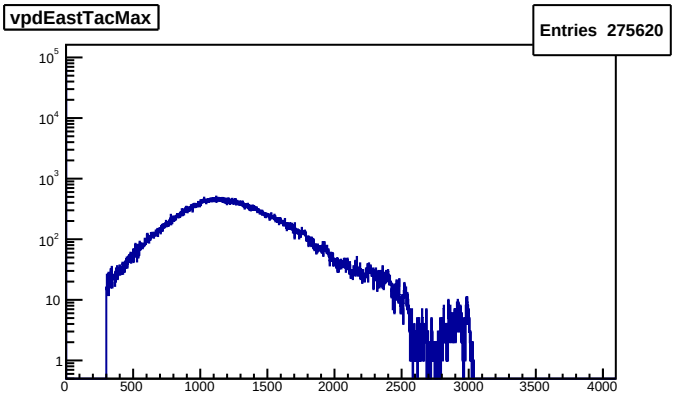

epdWestTac47VsSimu
Entries 0
Data
Simu

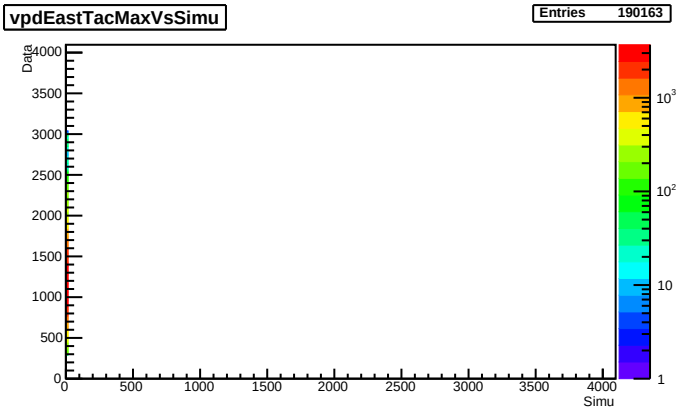

epdWestNHits
Entries 275620

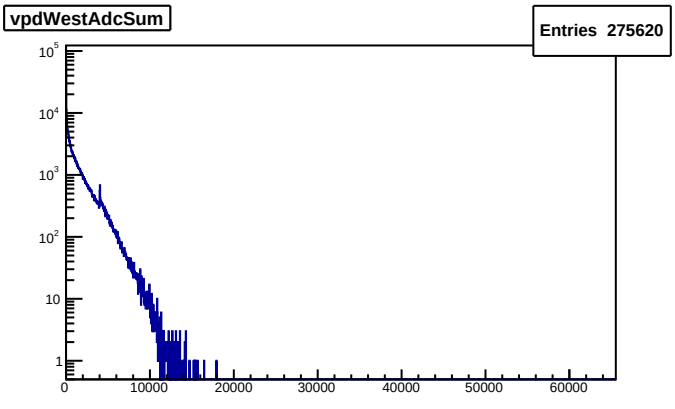

epdWestNHitsVsSimu
Entries 0
Data
Simu

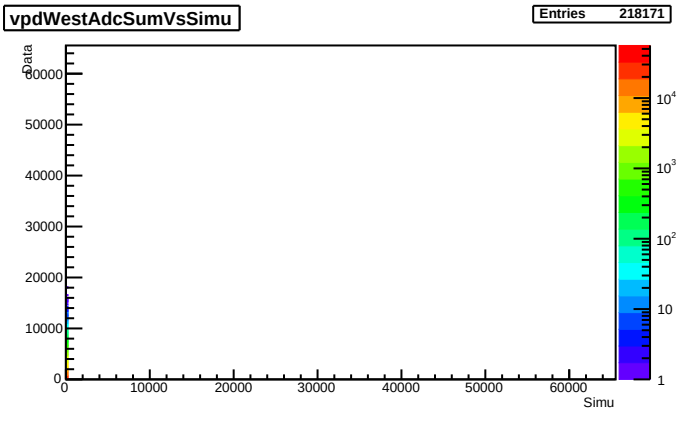

vpdEastAdcSum
Entries 275620

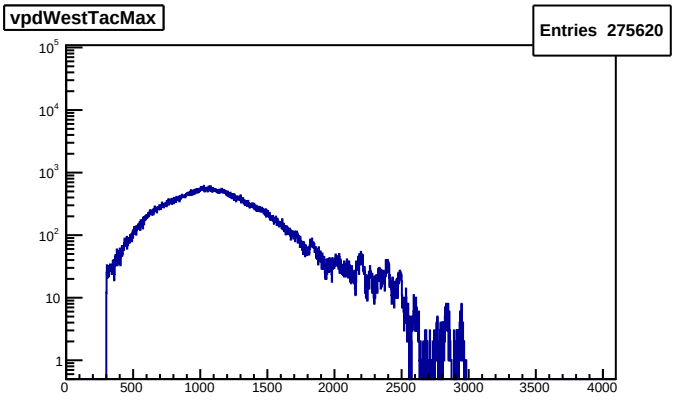

vpdEastAdcSumVsSimu
Entries 190163
Data
Simu

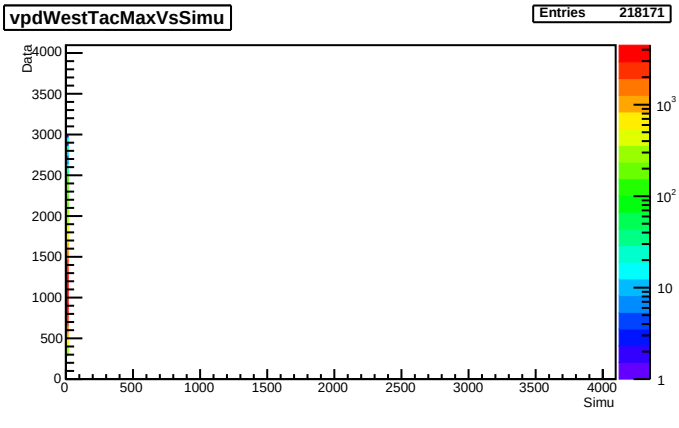

vpdEastTacMax
Entries 275620

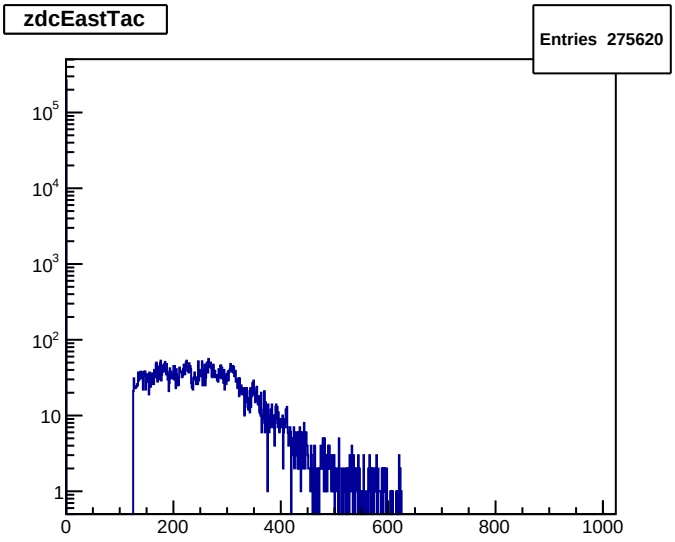

vpdEastTacMaxVsSimu
Entries 190163
Data
Simu

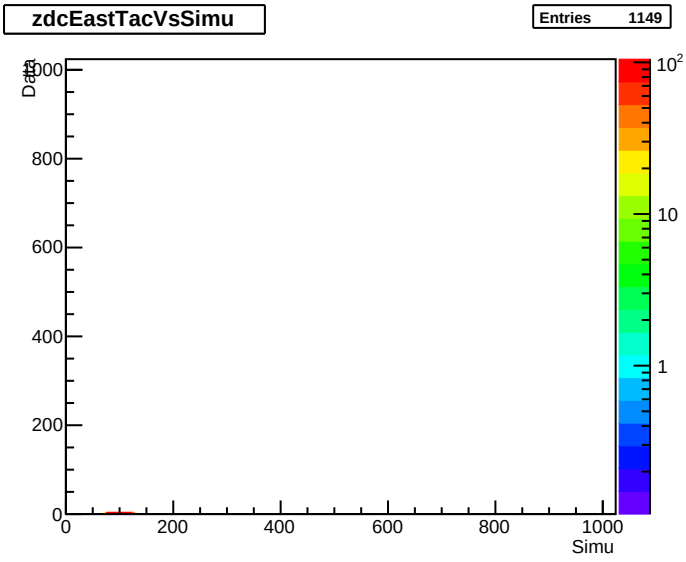

vpdWestAdcSum
Entries 275620

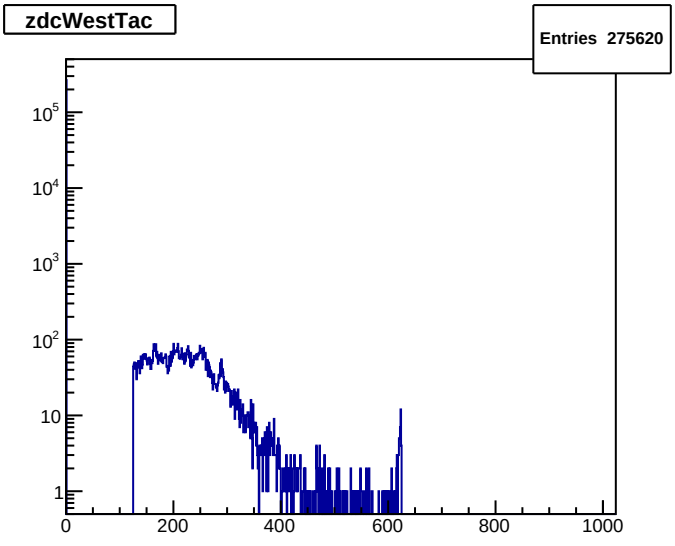

vpdWestAdcSumVsSimu
Entries 218171
Data
Simu

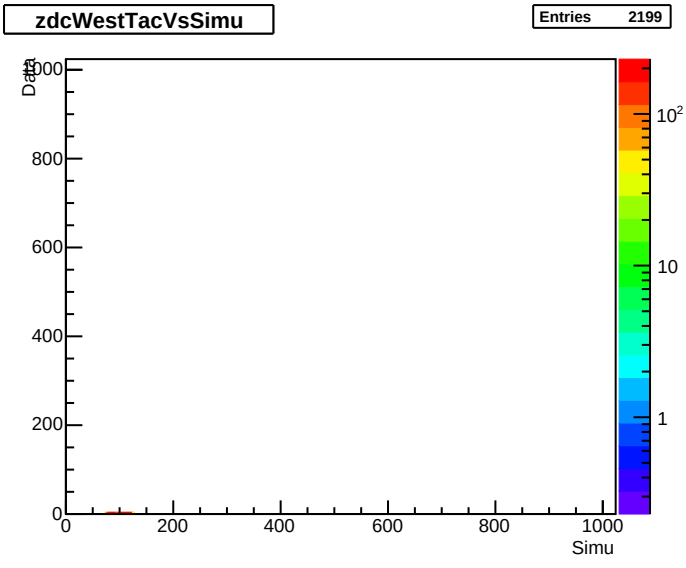

vpdWestTacMax
Entries 275620

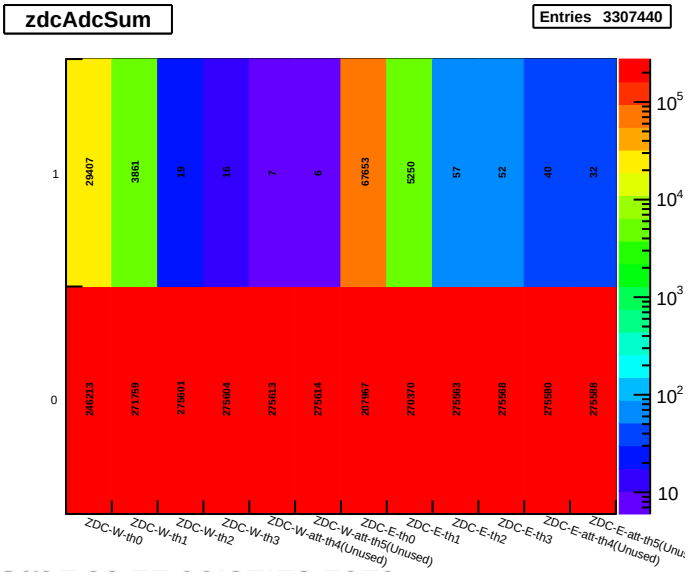

vpdWestTacMaxVsSimu
Entries 218171
Data
Simu

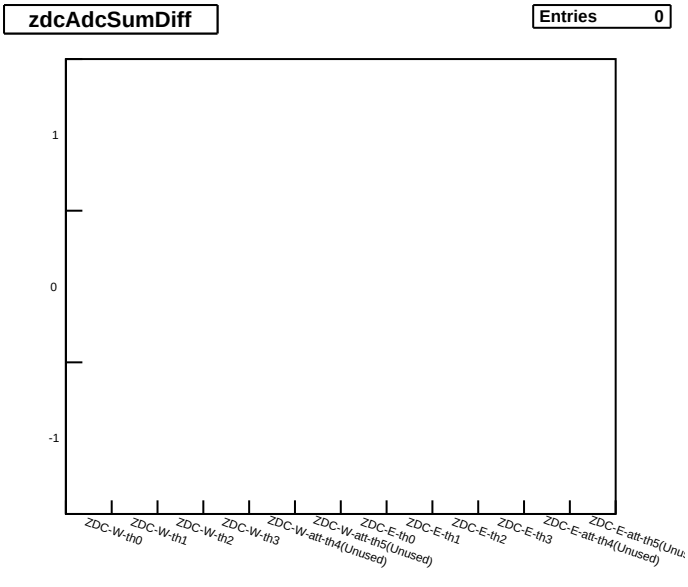

zdcEastTac
Entries 275620

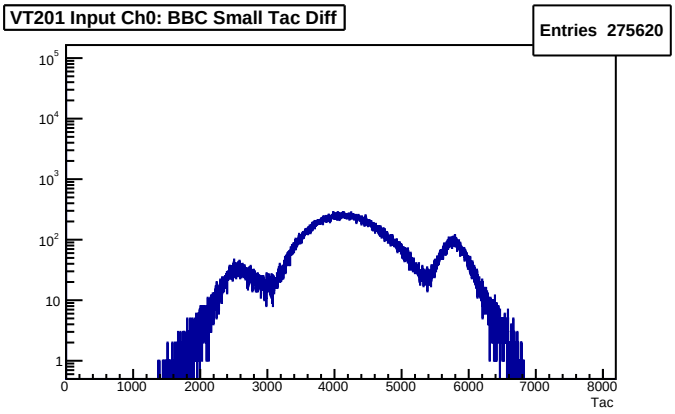

zdcEastTacVsSimu
Entries 1149
Data
Simu

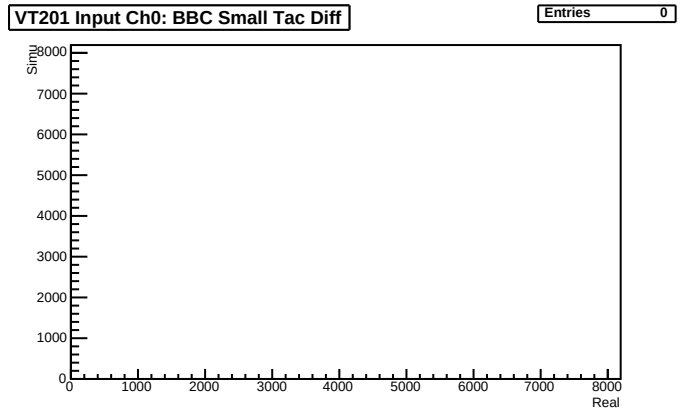

zdcWestTac
Entries 275620

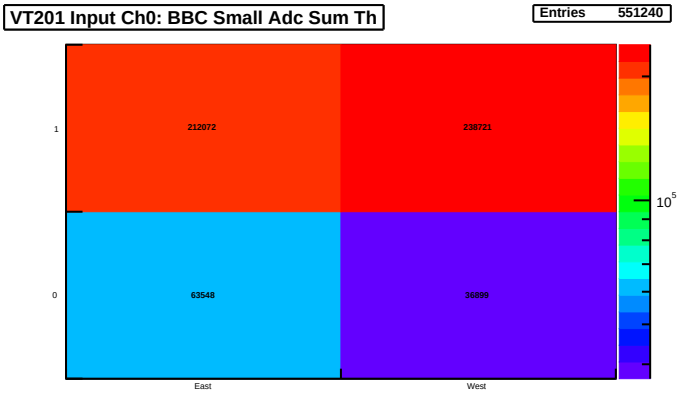

zdcWestTacVsSimu
Entries 2199
Data
Simu

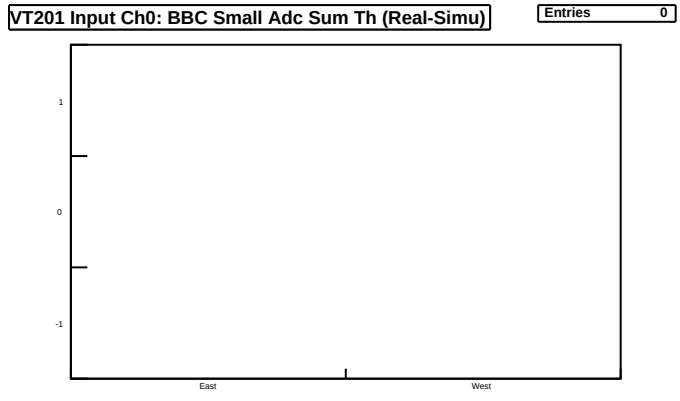

zdcAdcSum
Entries 3307440
29407
3861
19
16
7
6
67653
5250
57
52
40
32
246213
271759
275601
275604
275613
275614
207967
270370
275563
275568
275580
275588
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

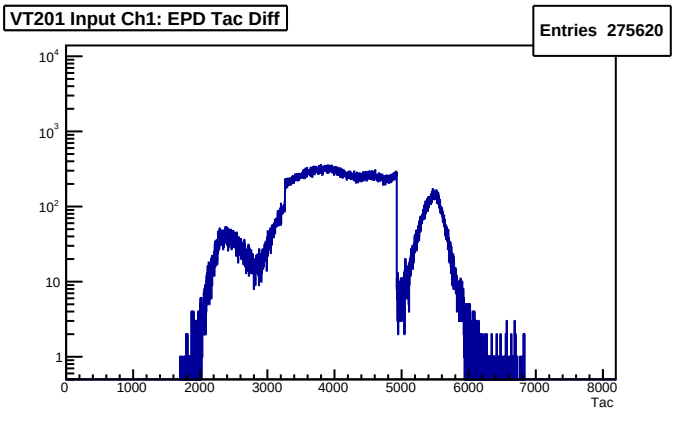

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

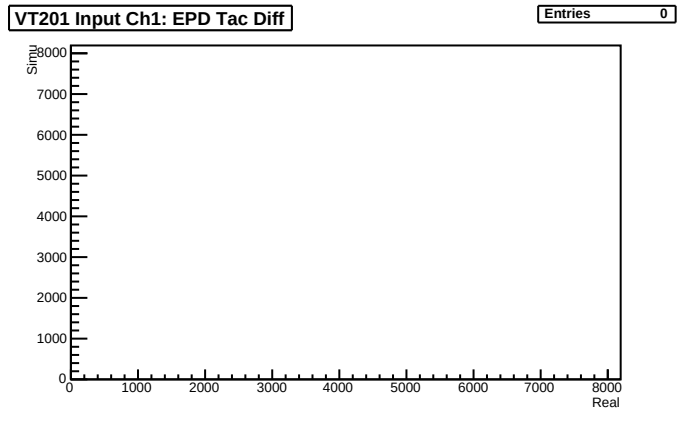

VT201 Input Ch0: BBC Small Tac Diff
Entries 275620
Tac

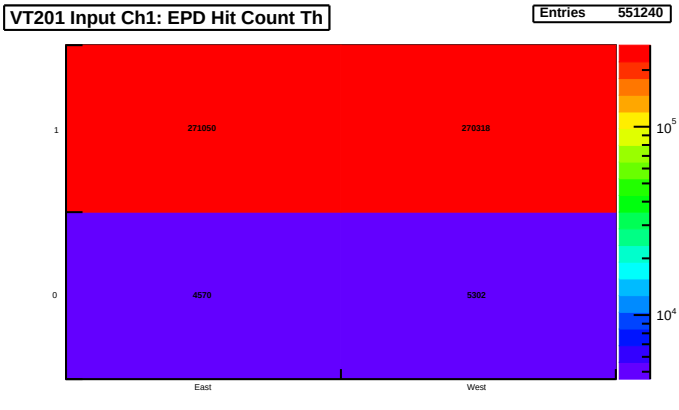

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

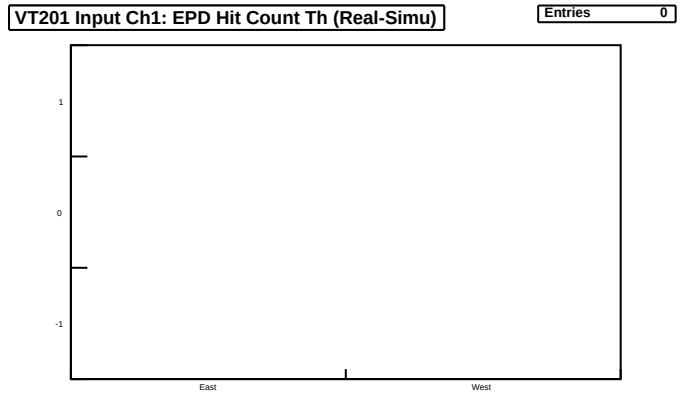

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 551240
212072
238721
63548
36899
East
West

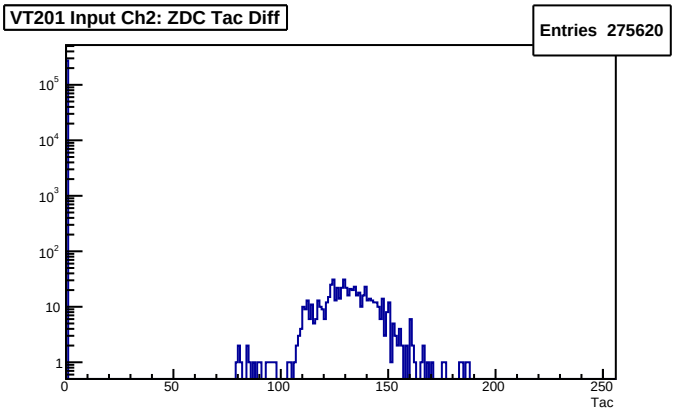

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

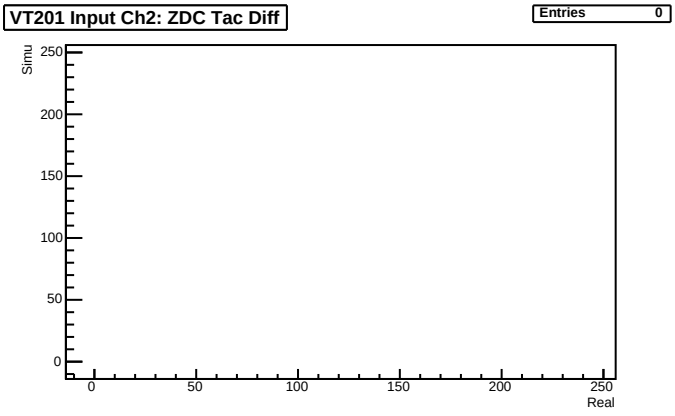

VT201 Input Ch1: EPD Tac Diff
Entries 275620
Tac

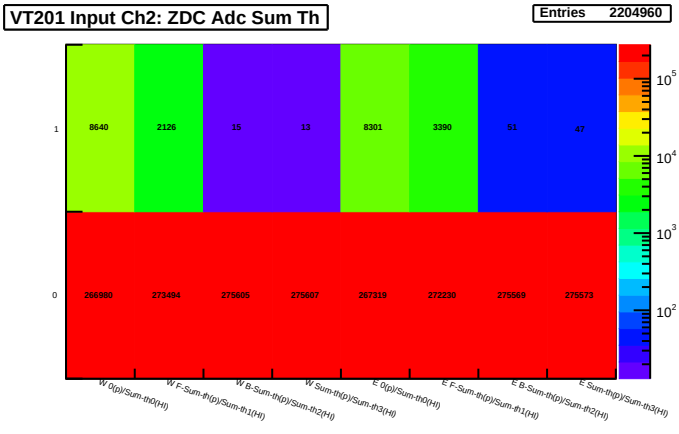

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

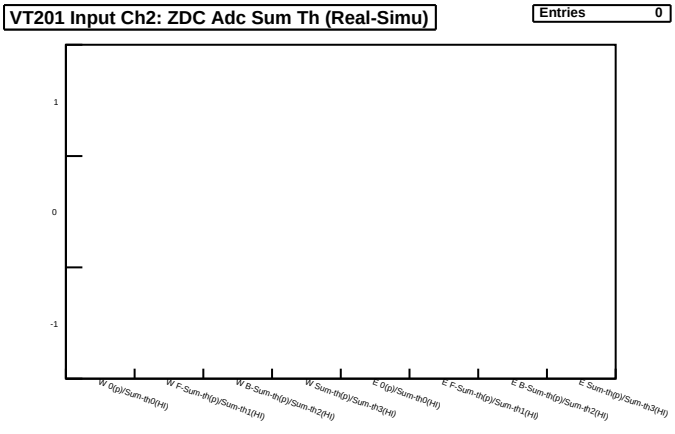

VT201 Input Ch1: EPD Hit Count Th
Entries 551240
271050
270318
4570
5302
East
West

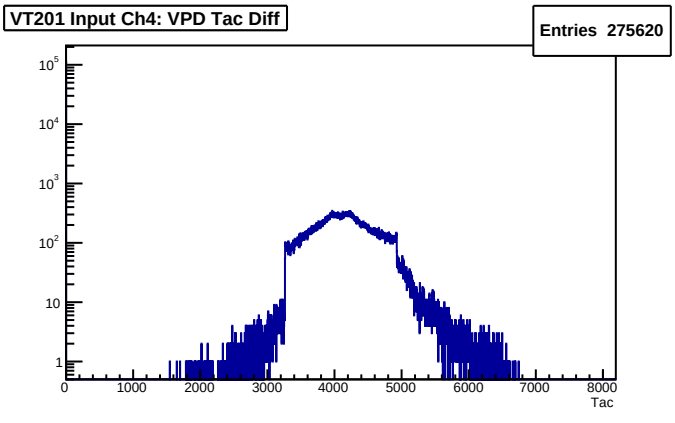

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

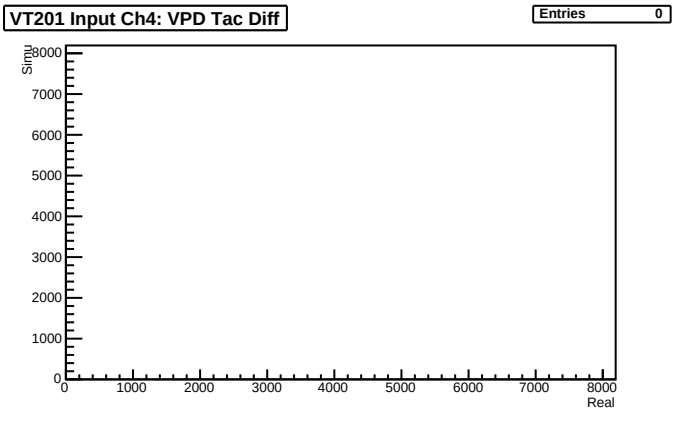

VT201 Input Ch2: ZDC Tac Diff
Entries 275620
Tac

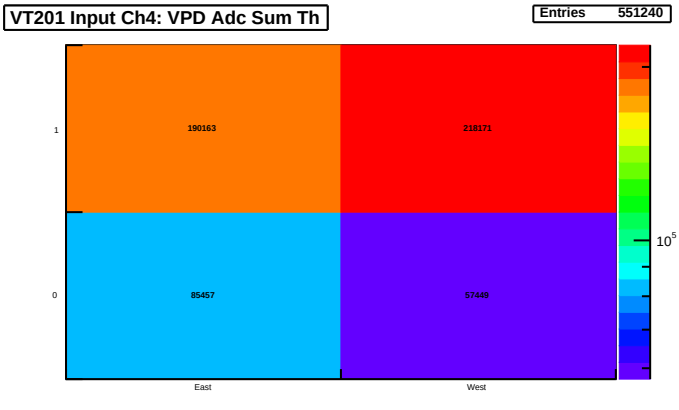

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

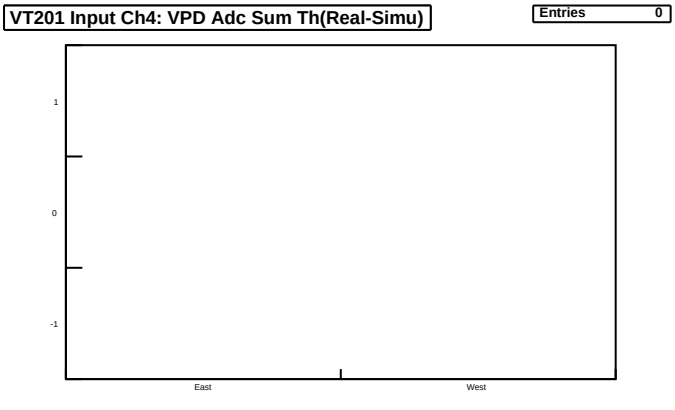

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2204960
8640
2126
15
13
8301
3390
51
47
266980
273494
275605
275607
267319
272230
275569
275573
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

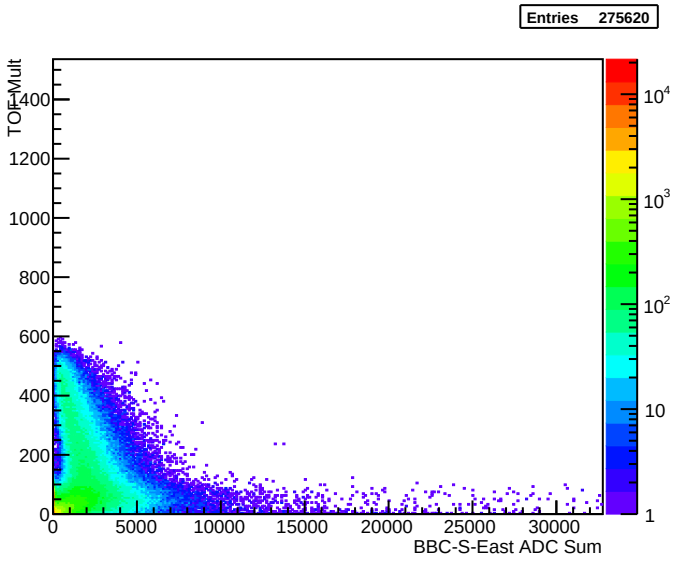

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

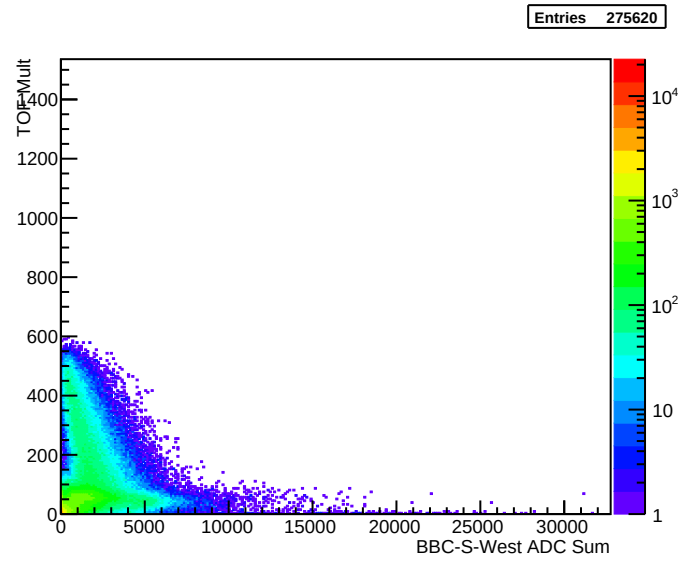

VT201 Input Ch4: VPD Tac Diff
Entries 275620
Tac

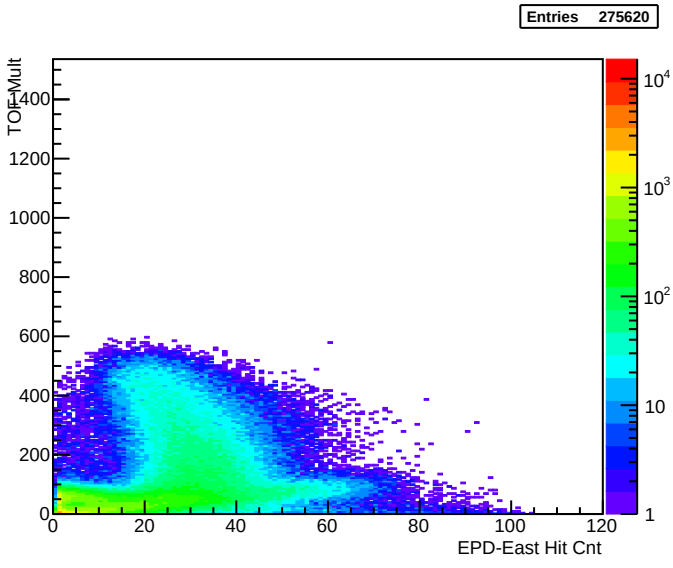

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

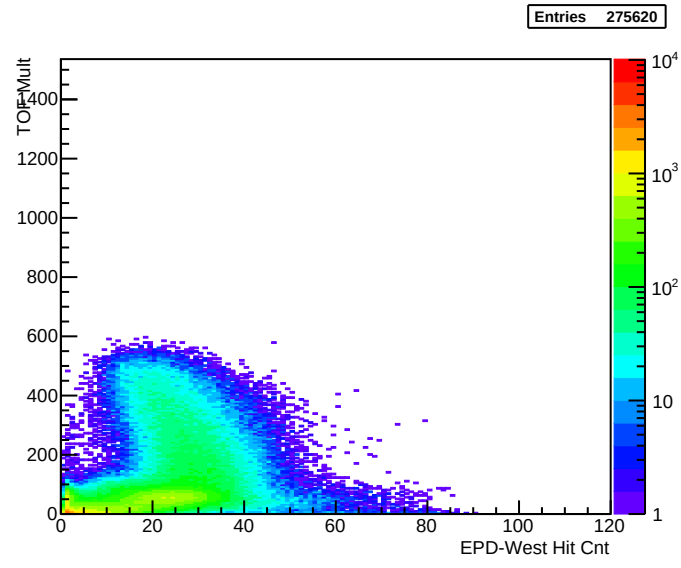

VT201 Input Ch4: VPD Adc Sum Th
Entries 551240
190163
218171
85457
57449
East
West

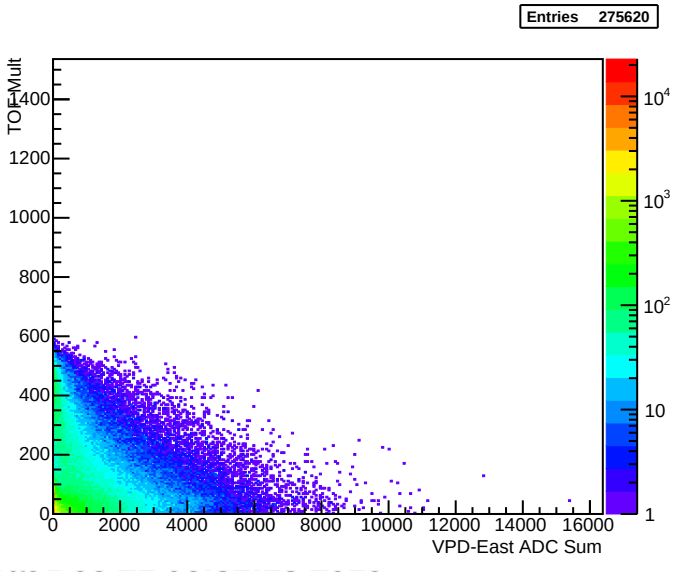

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

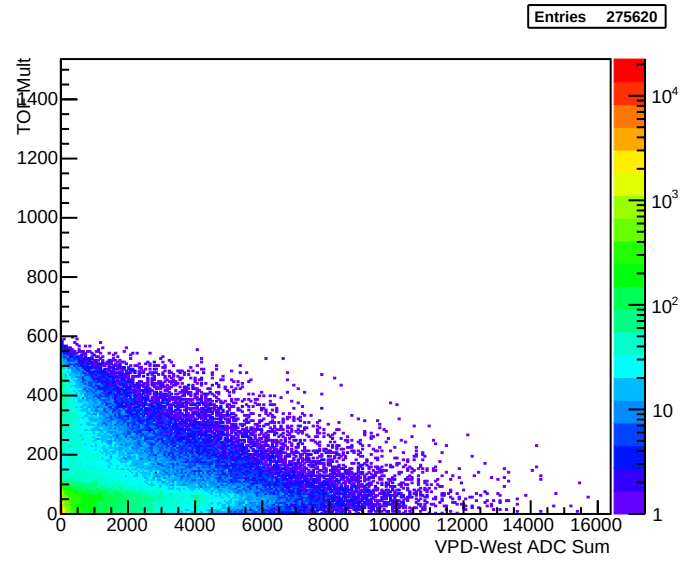

Entries 275620
TOF-Mult
BBC-S-East ADC Sum

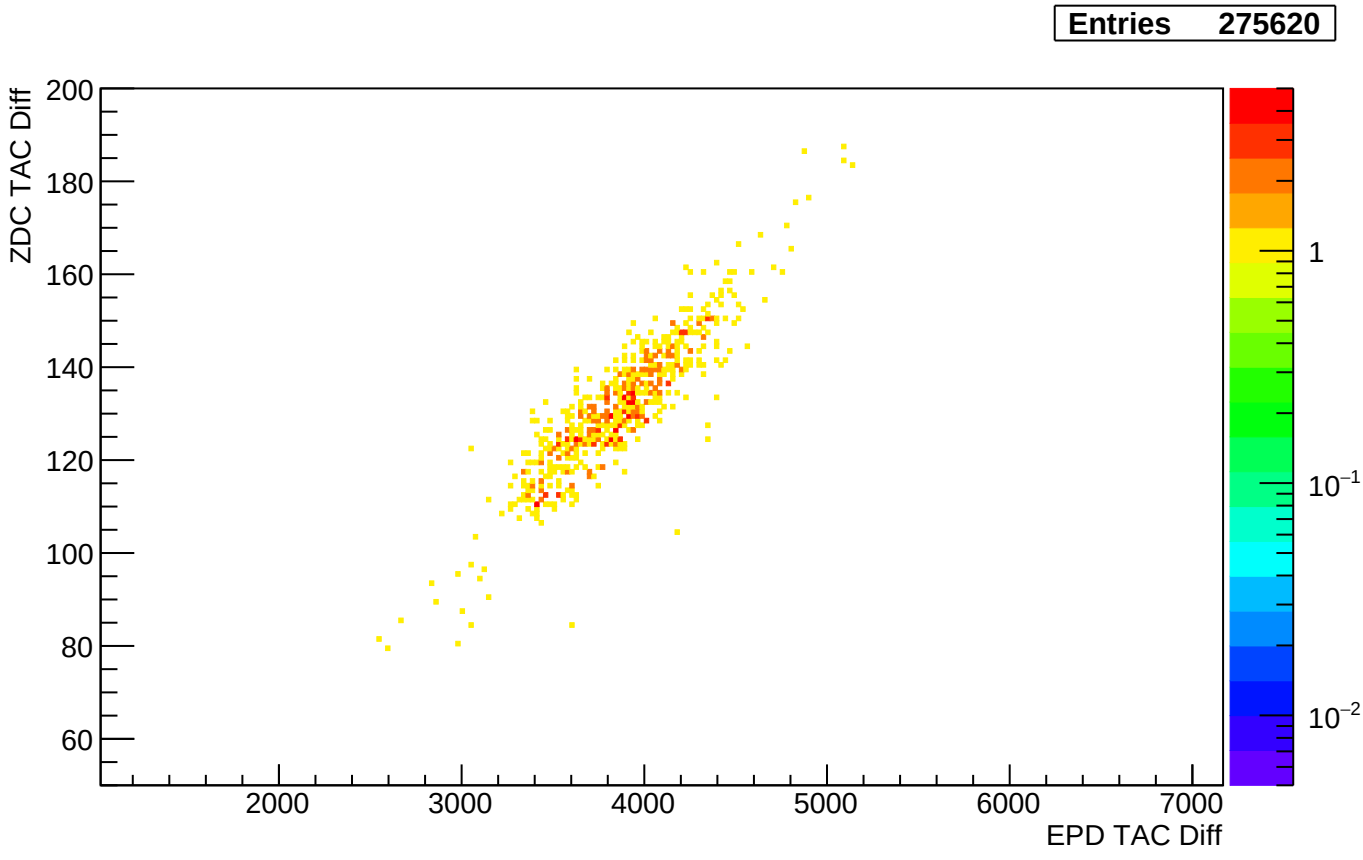

Entries 275620
TOF-Mult
BBC-S-West ADC Sum

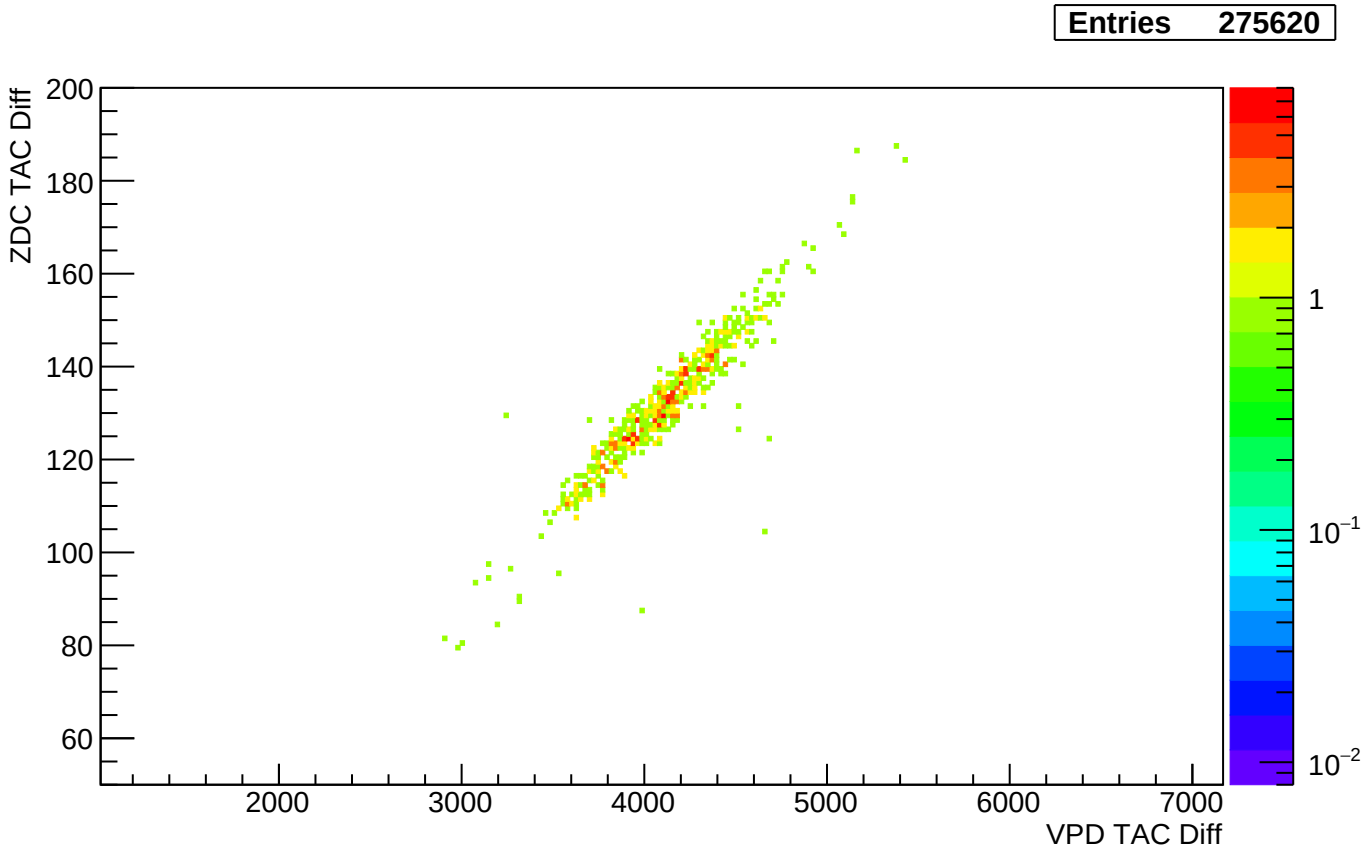

Entries 275620
TOF-Mult
EPD-East Hit Cnt

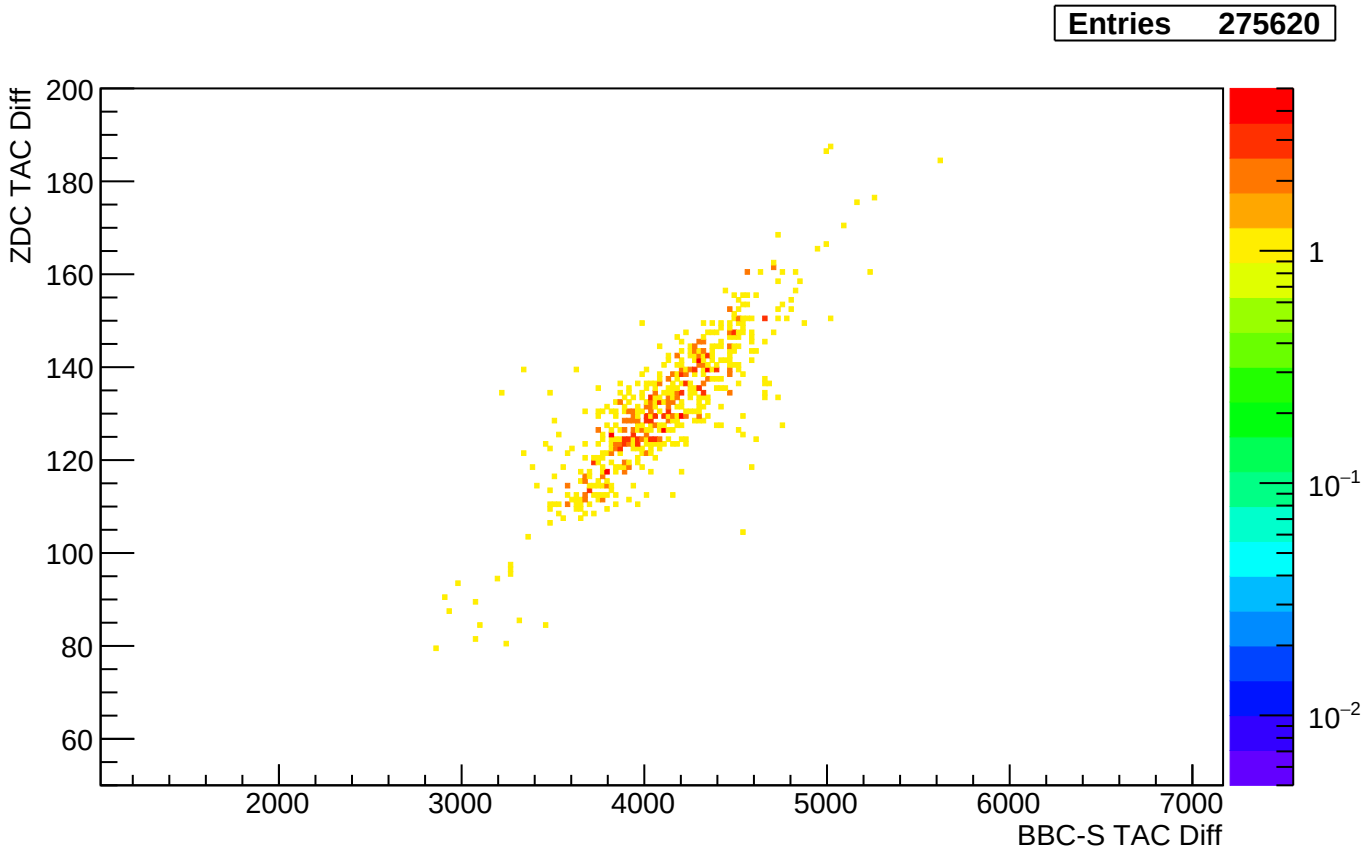

Entries 275620
TOF-Mult
EPD-West Hit Cnt

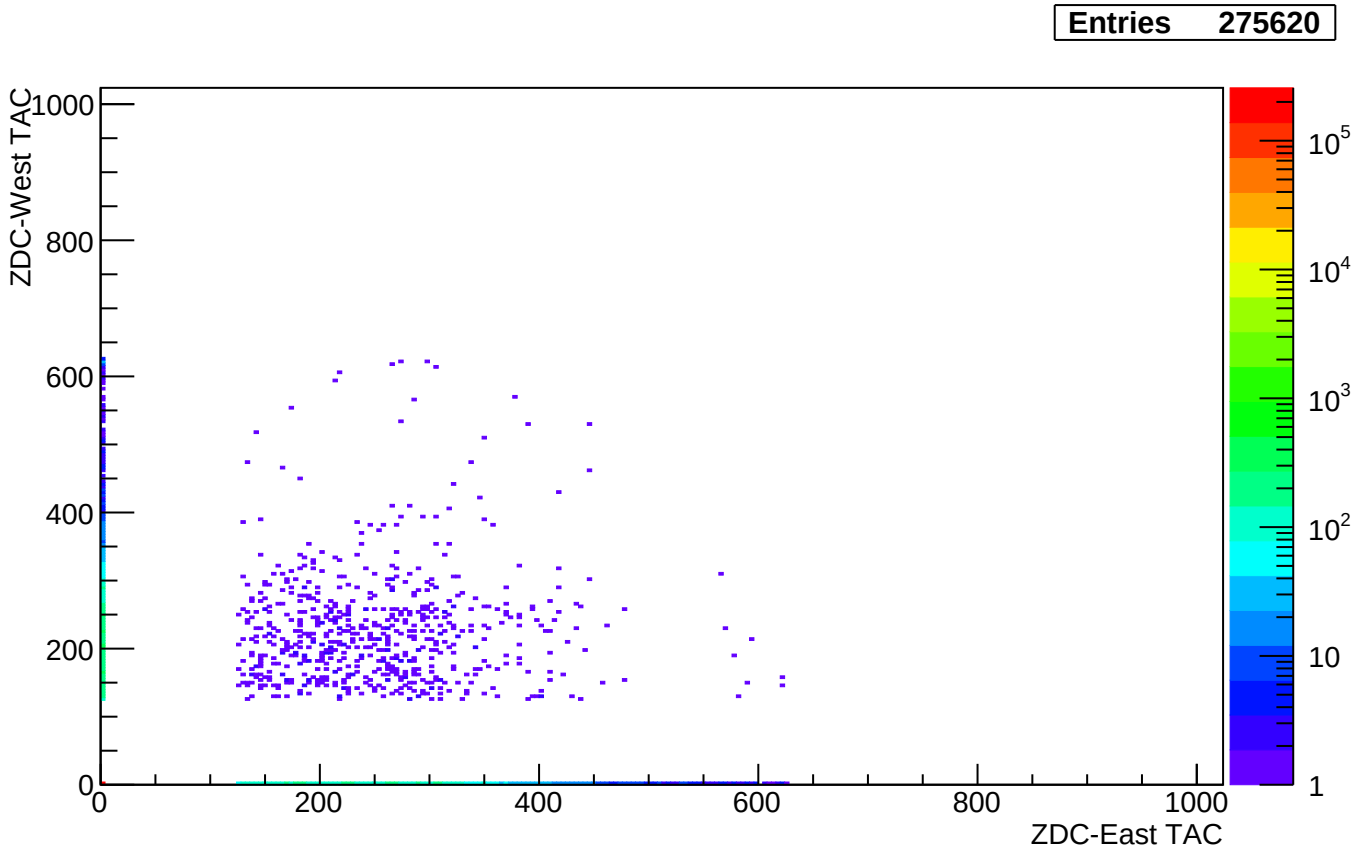

Entries 275620
TOF-Mult
VPD-East ADC Sum

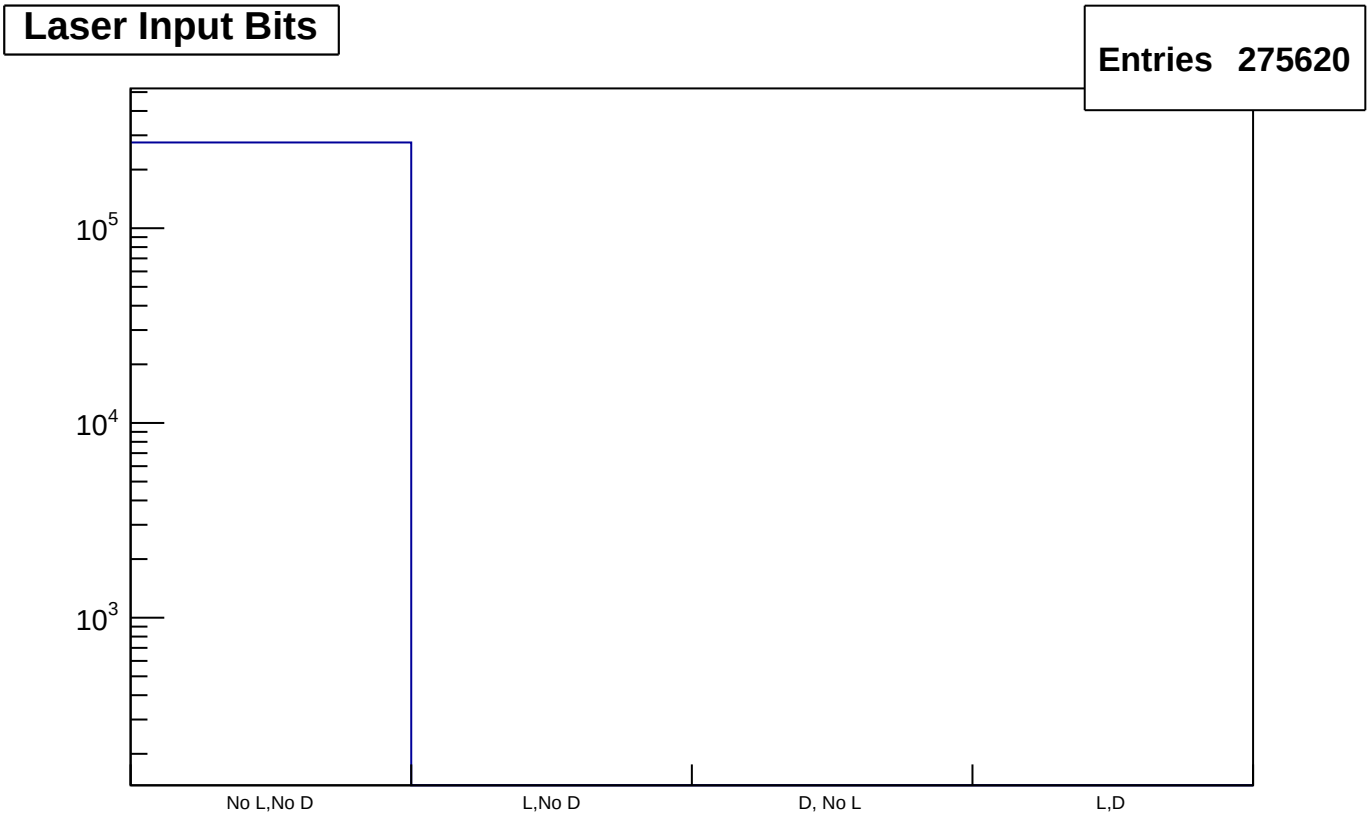

Entries 275620
TOF-Mult
VPD-West ADC Sum

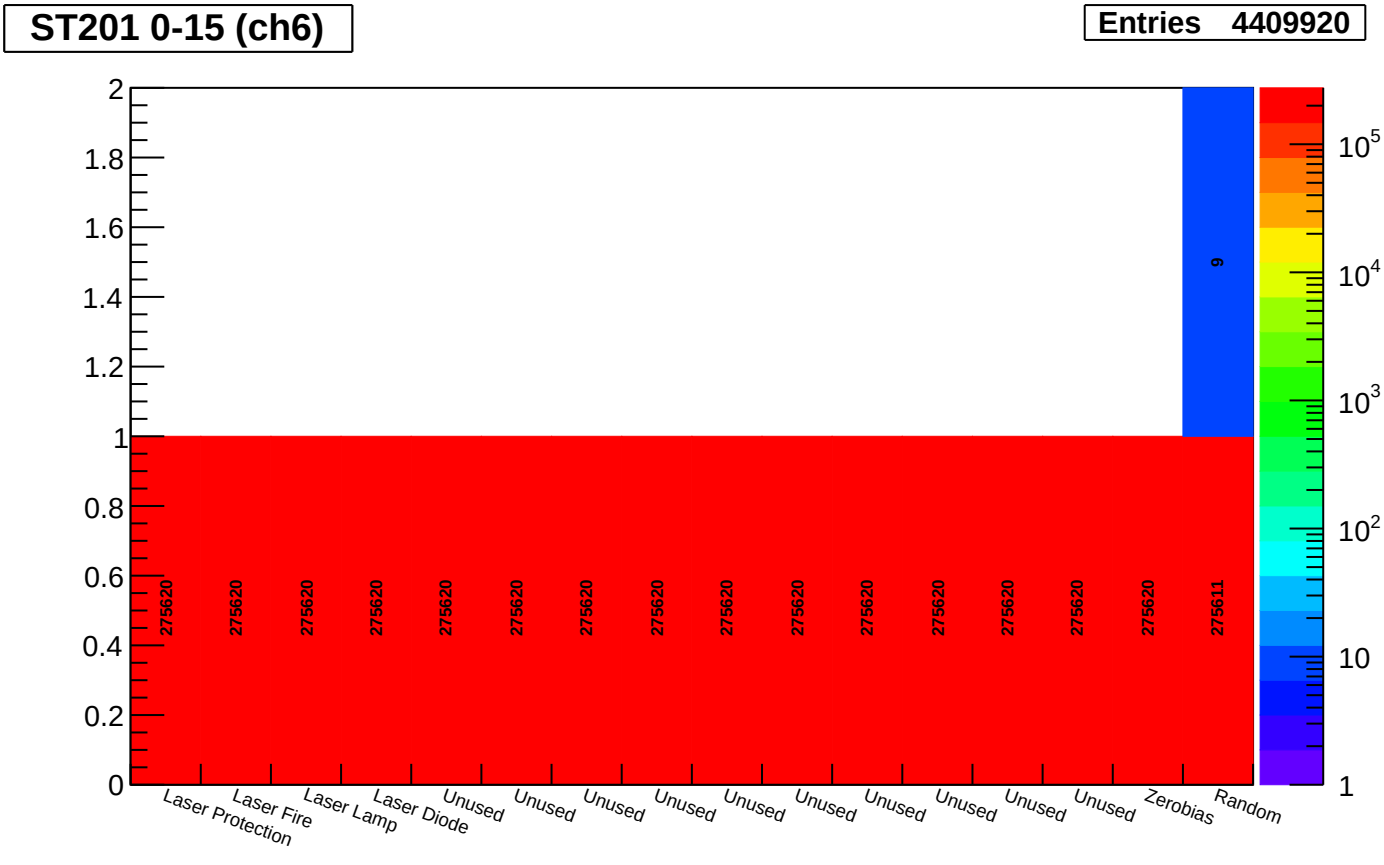

Entries 275620
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

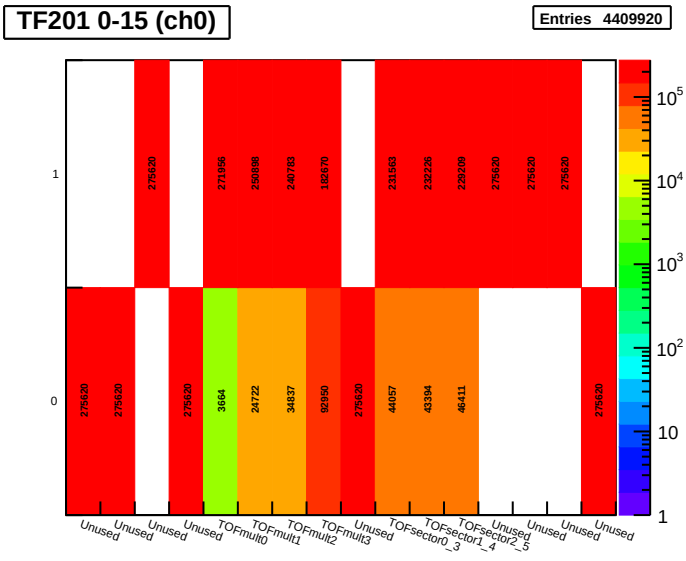

Entries 275620
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

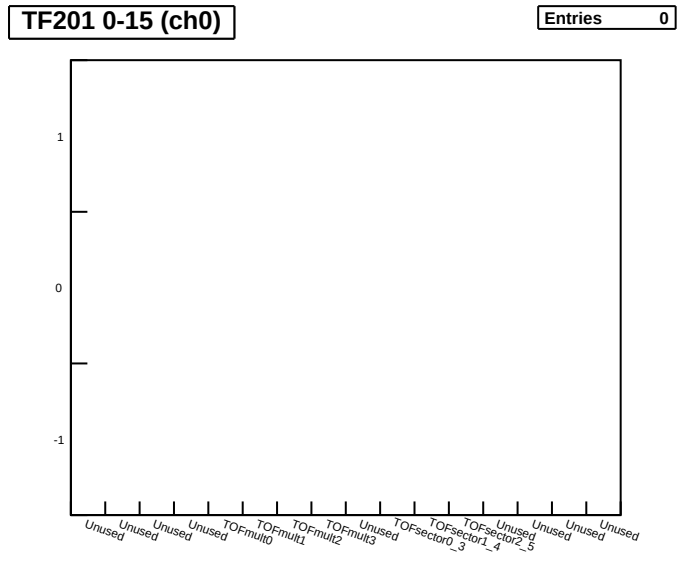

Entries 275620
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

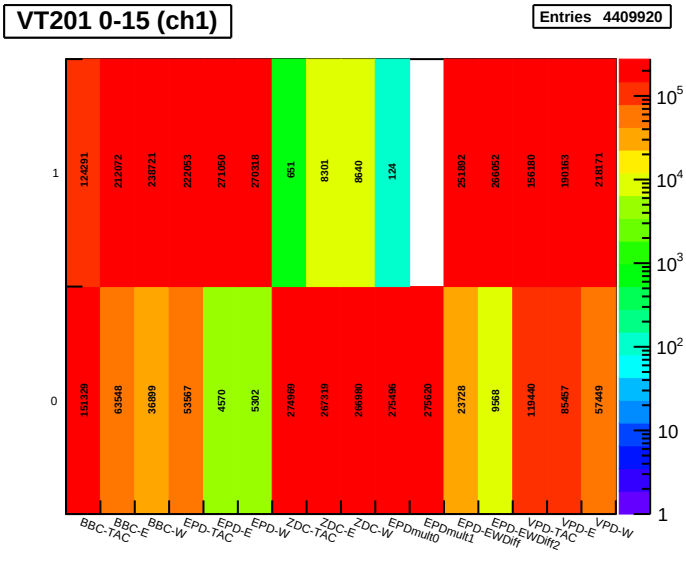

Entries 275620
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

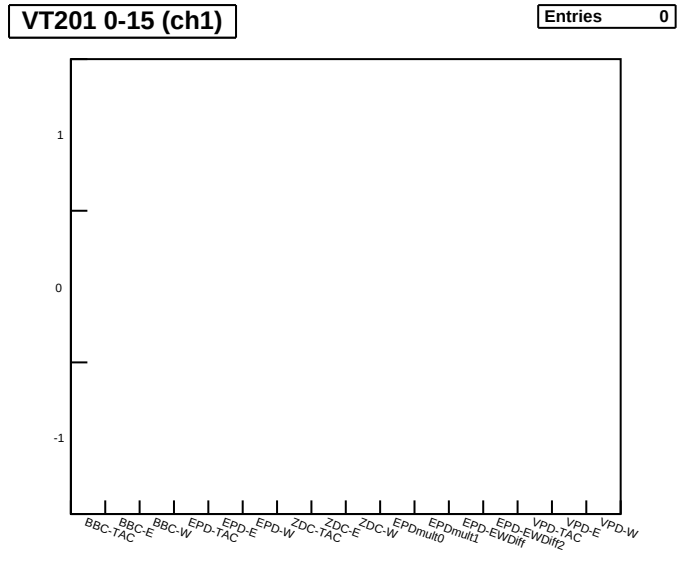

Laser Input Bits
Entries 275620
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

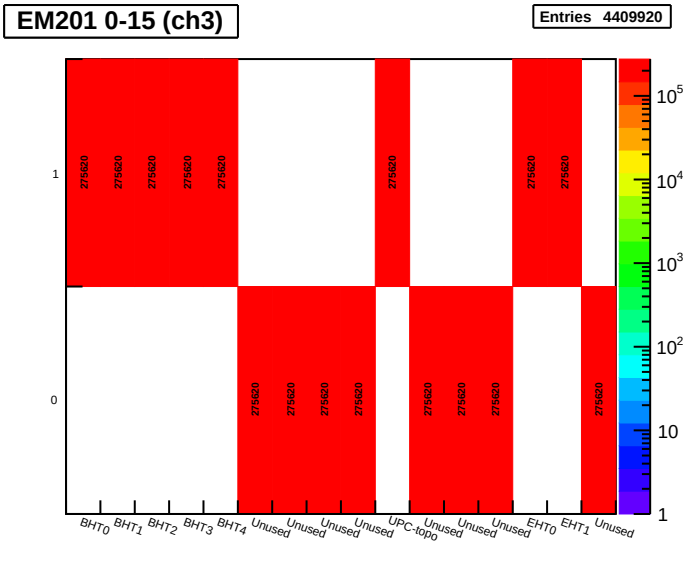

ST201 0-15 (ch6)
Entries 4409920
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
275620
275611
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

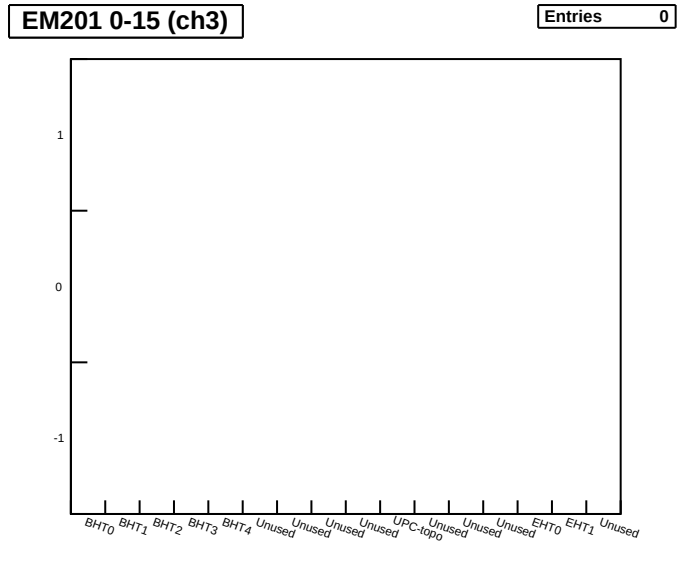

TF201 0-15 (ch0)
Entries 4409920
1
0
275620
271956
250898
240783
182670
231563
232226
229209
275620
275620
275620
275620
275620
275620
3664
24722
34837
92950
44057
43394
46411
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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


VT201 0-15 (ch1)
Entries 4409920
1
0
124291
212072
238721
222053
271050
270318
651
8301
8640
124
251892
266052
156180
190163
218171
151329
63548
36899
53567
4570
5302
274969
267319
266980
275496
275620
23728
9568
119440
85457
57449
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
1
10
10^2
10^3
10^4
10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 4409920
1
0
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
275620
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1