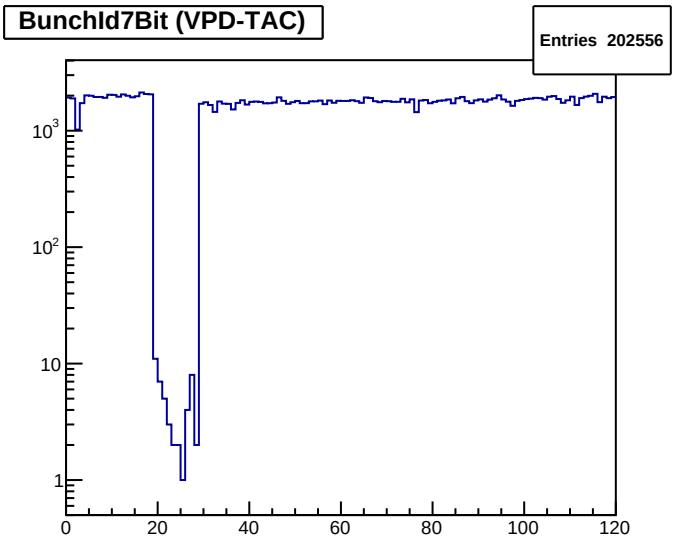
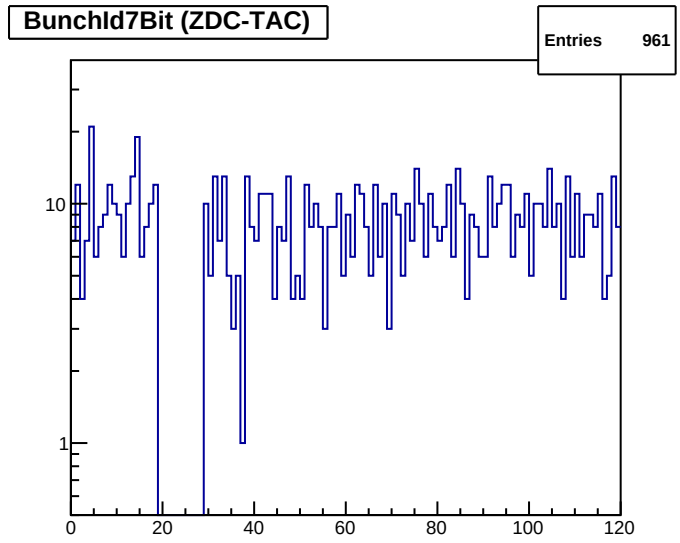
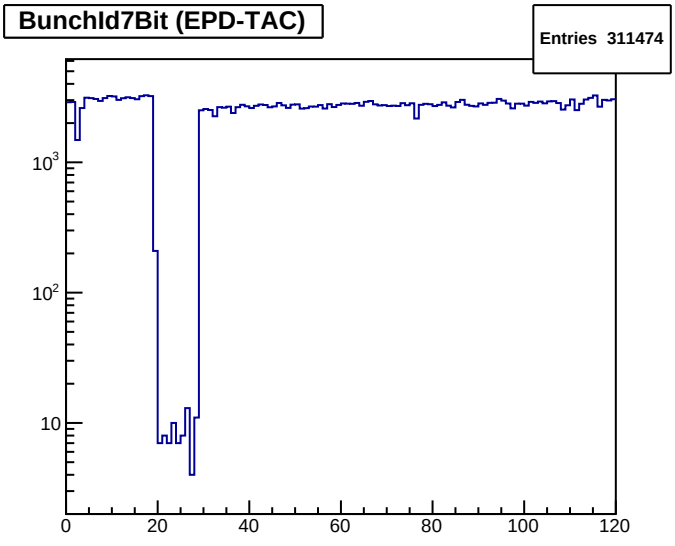
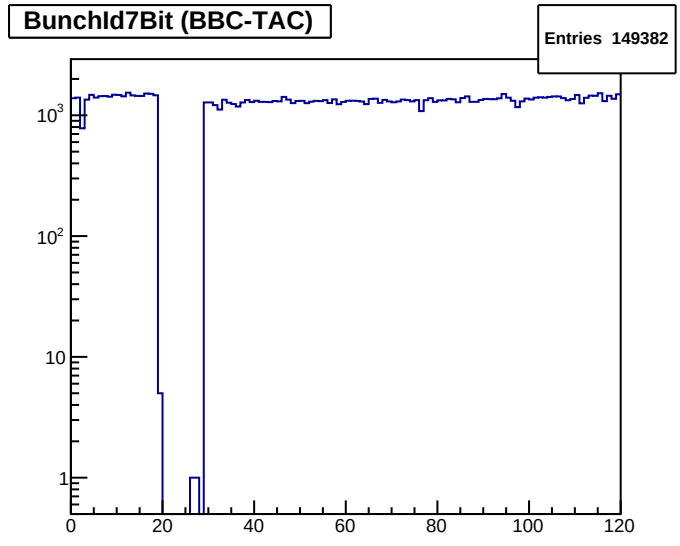
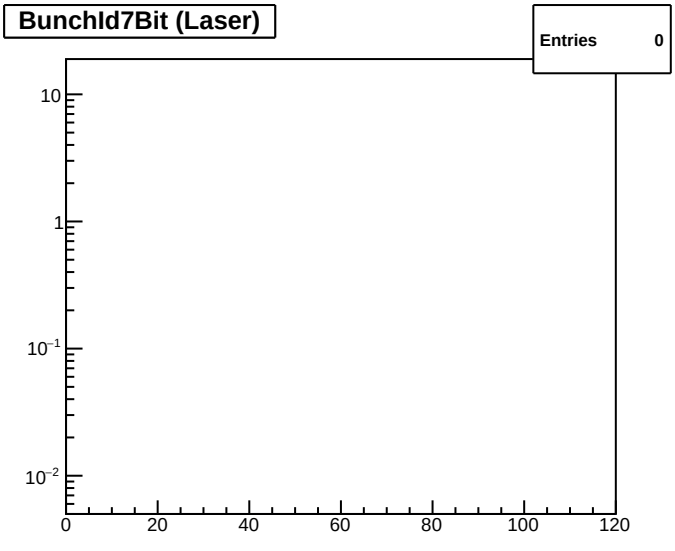
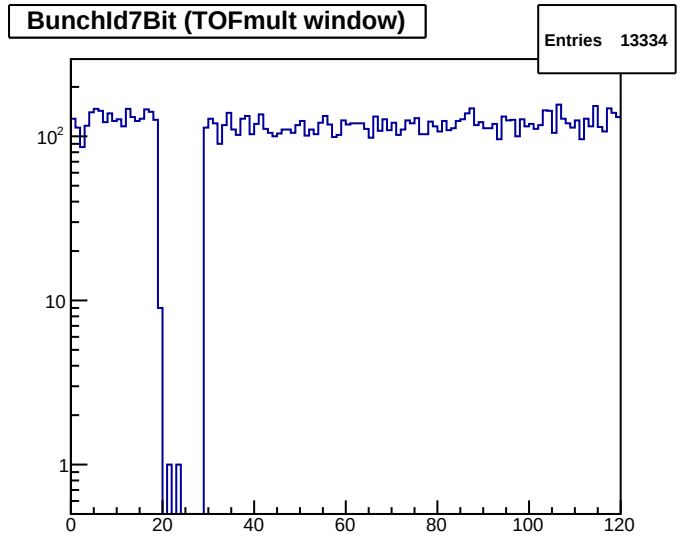

BunchId7Bit (VPD-TAC)
Entries 202556

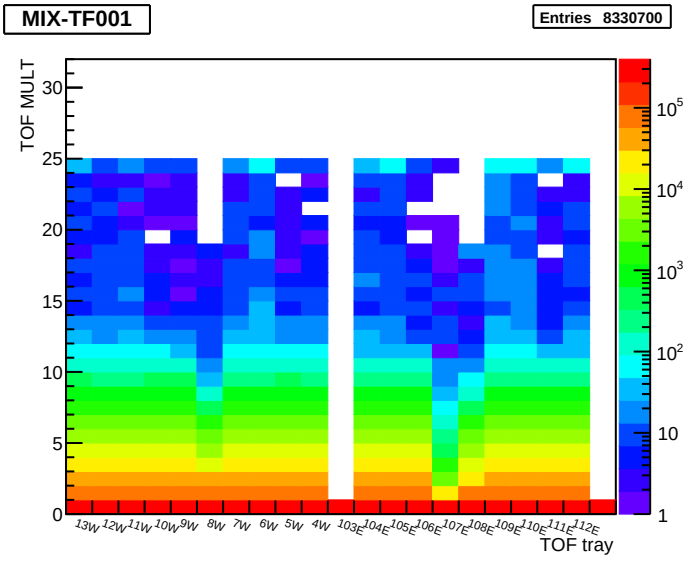

BunchId7Bit (ZDC-TAC)
Entries 961

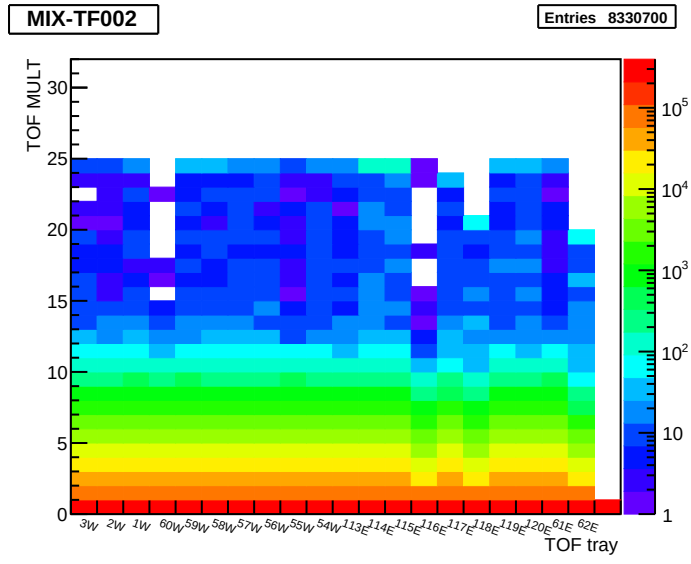

BunchId7Bit (EPD-TAC)
Entries 311474

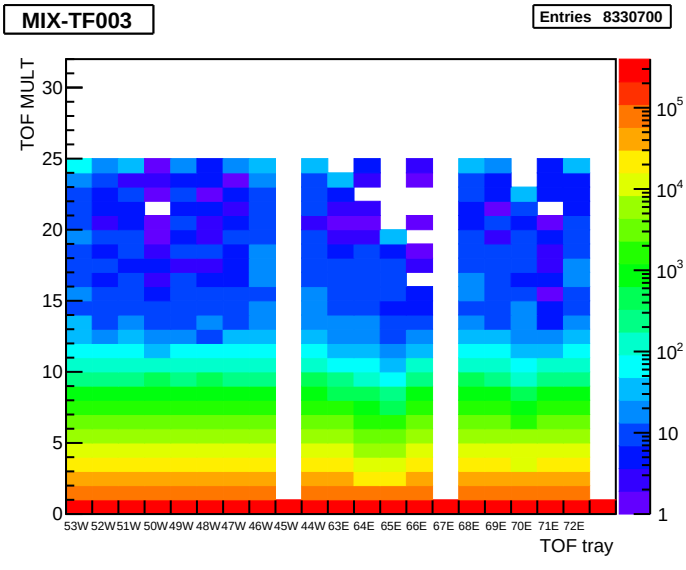

BunchId7Bit (BBC-TAC)
Entries 149382

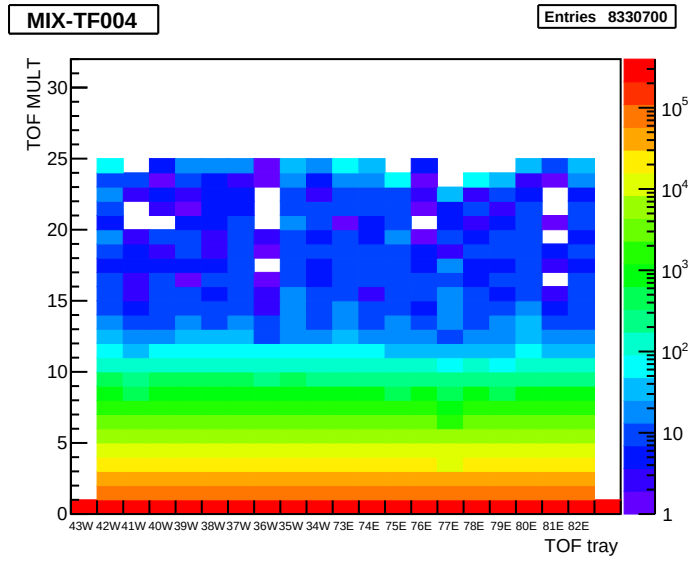

BunchId7Bit (Laser)
Entries 0

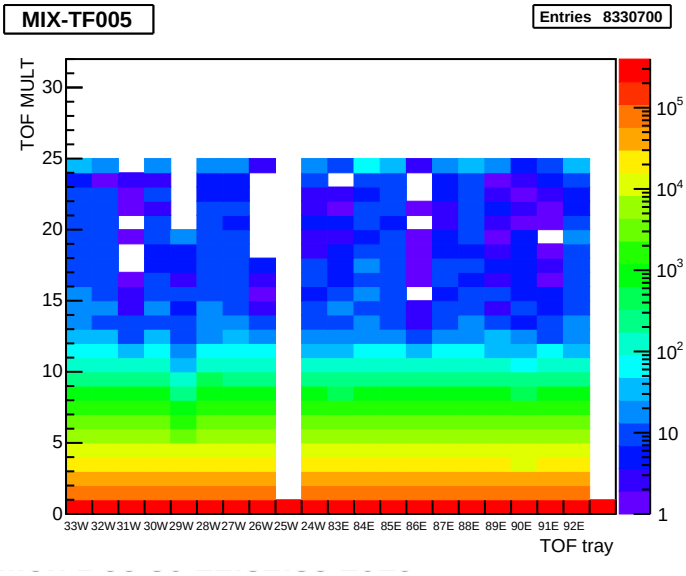

BunchId7Bit (TOFmult window)
Entries 13334

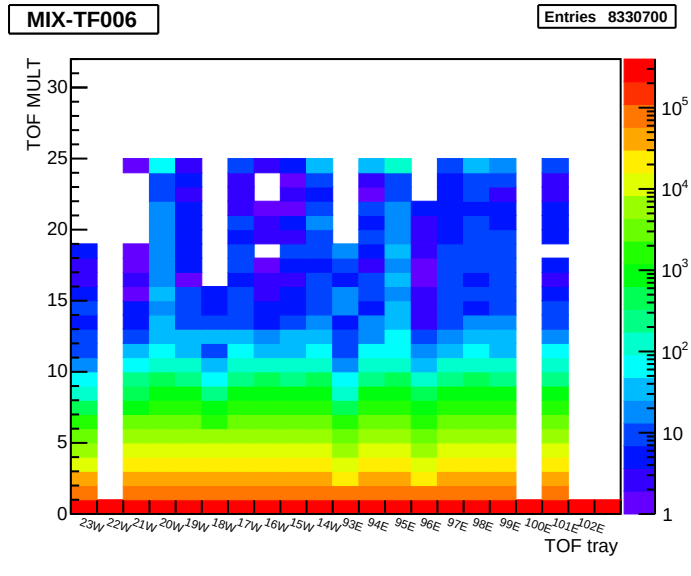

MIX-TF001
Entries 8330700
TOF MULT
TOF tray

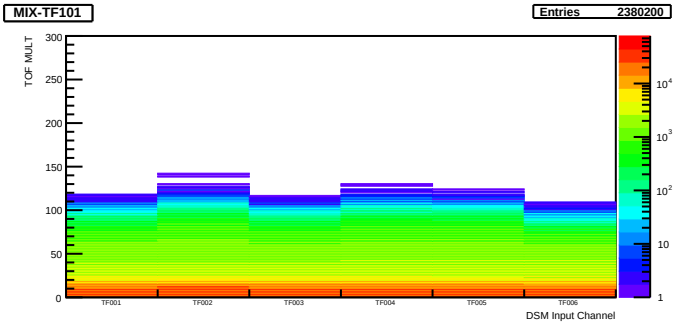

MIX-TF002
Entries 8330700
TOF MULT
TOF tray

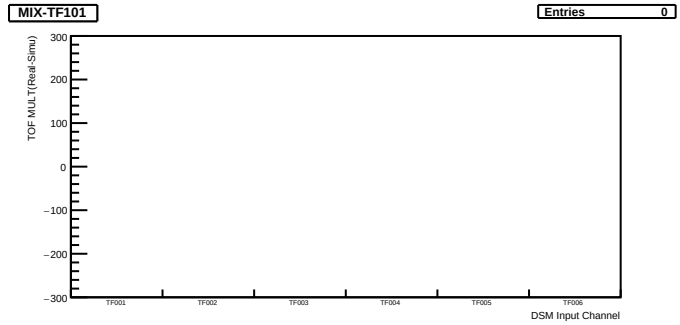

MIX-TF003
Entries 8330700
TOF MULT
TOF tray

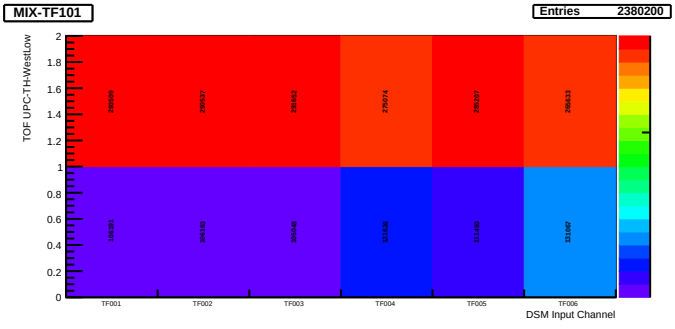

MIX-TF004
Entries 8330700
TOF MULT
TOF tray

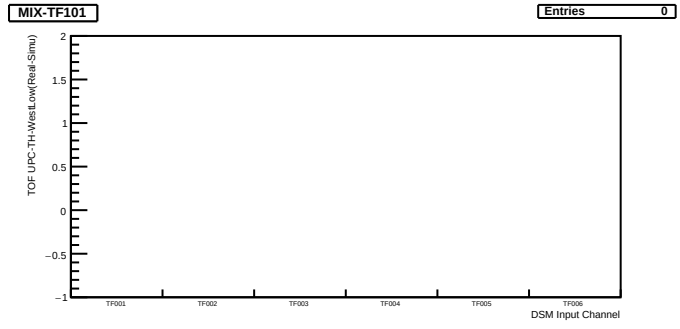

MIX-TF005
Entries 8330700
TOF MULT
TOF tray

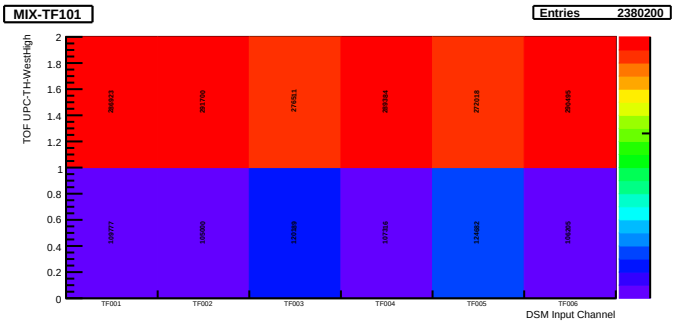

MIX-TF006
Entries 8330700
TOF MULT
TOF tray

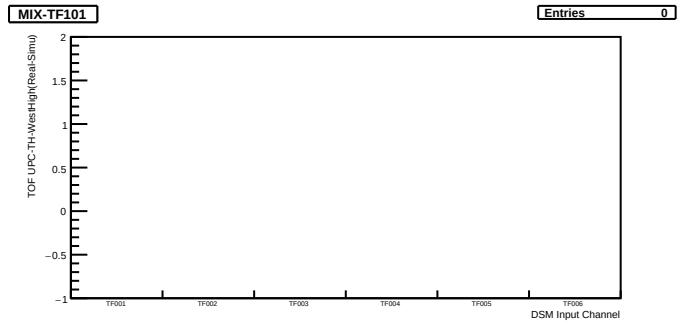

MIX-TF101
Entries 2380200
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

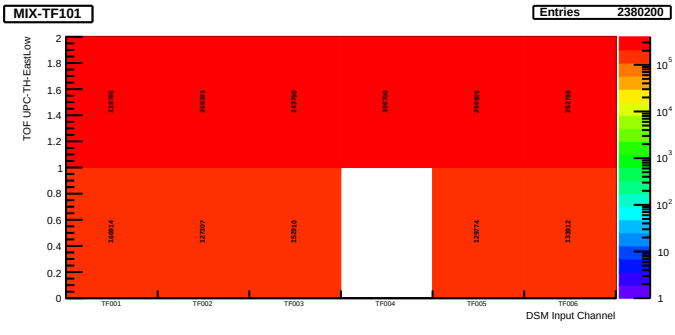

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

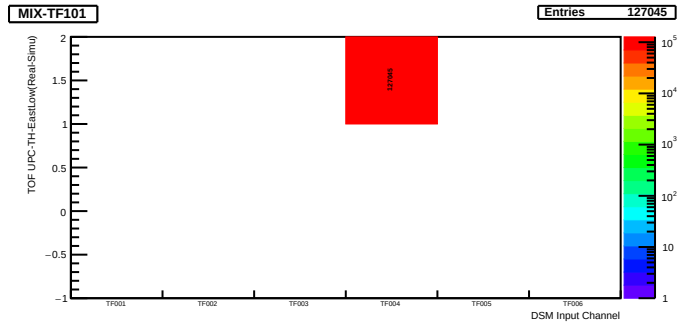

MIX-TF101
Entries 2380200
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

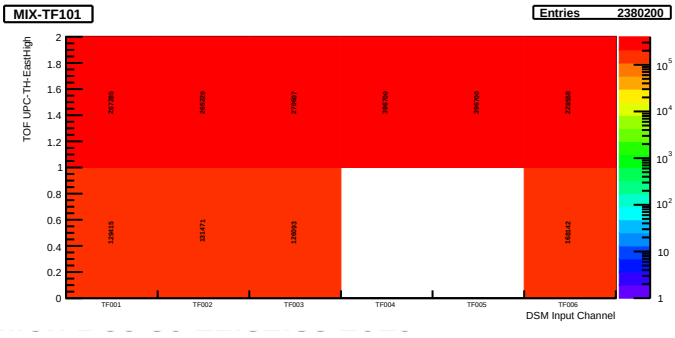

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

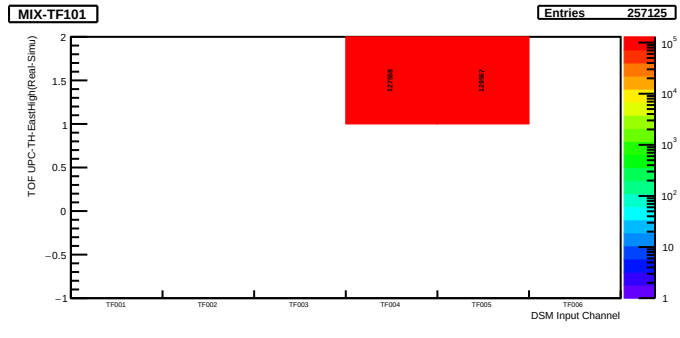

MIX-TF101
Entries 2380200
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

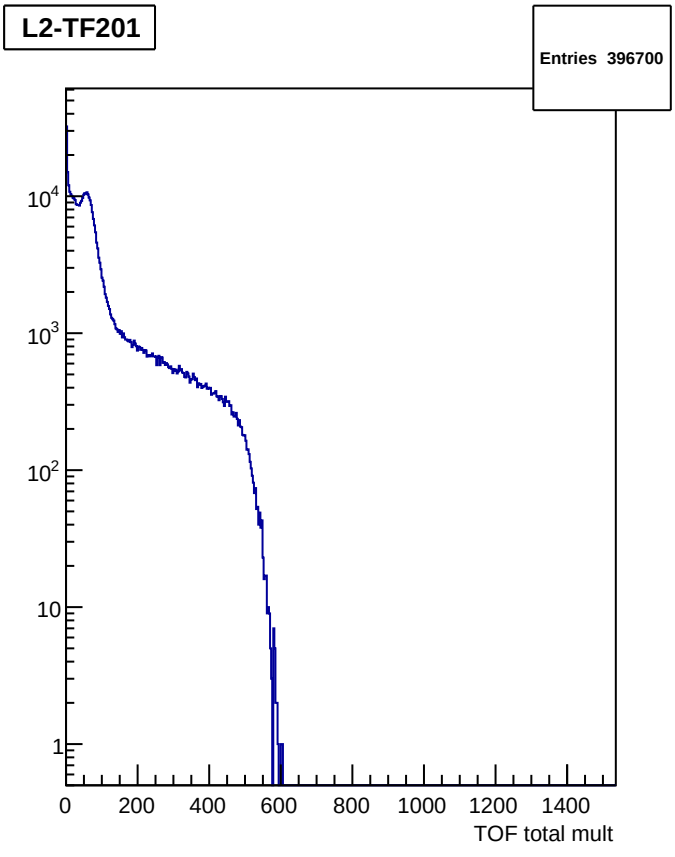

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

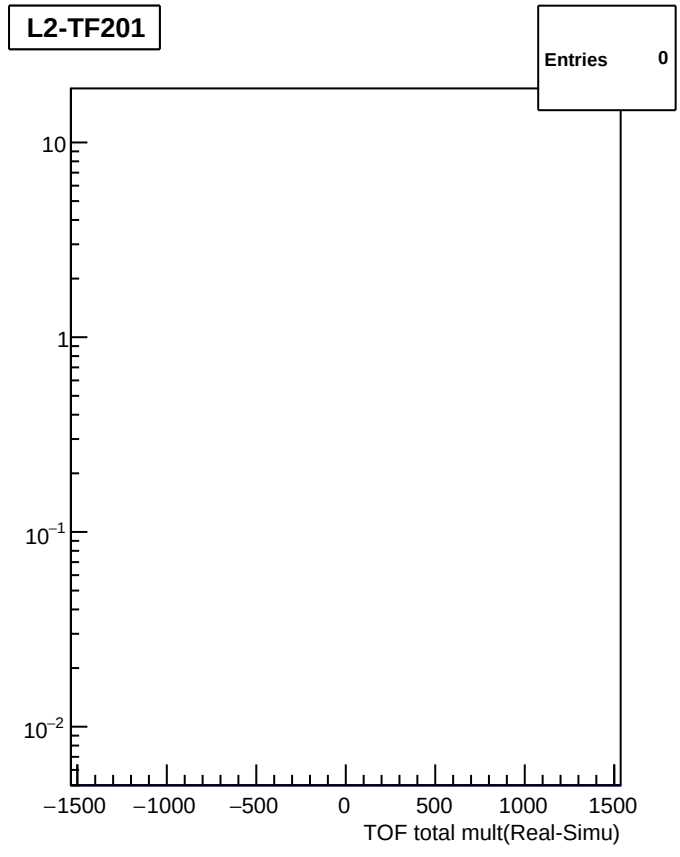

MIX-TF101
Entries 2380200
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

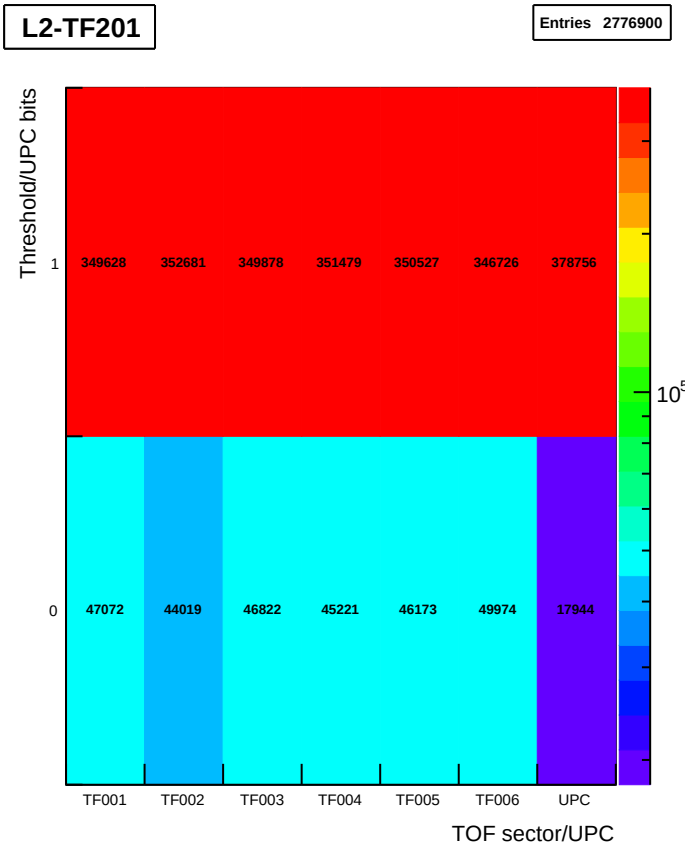

MIX-TF101
Entries 127045
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

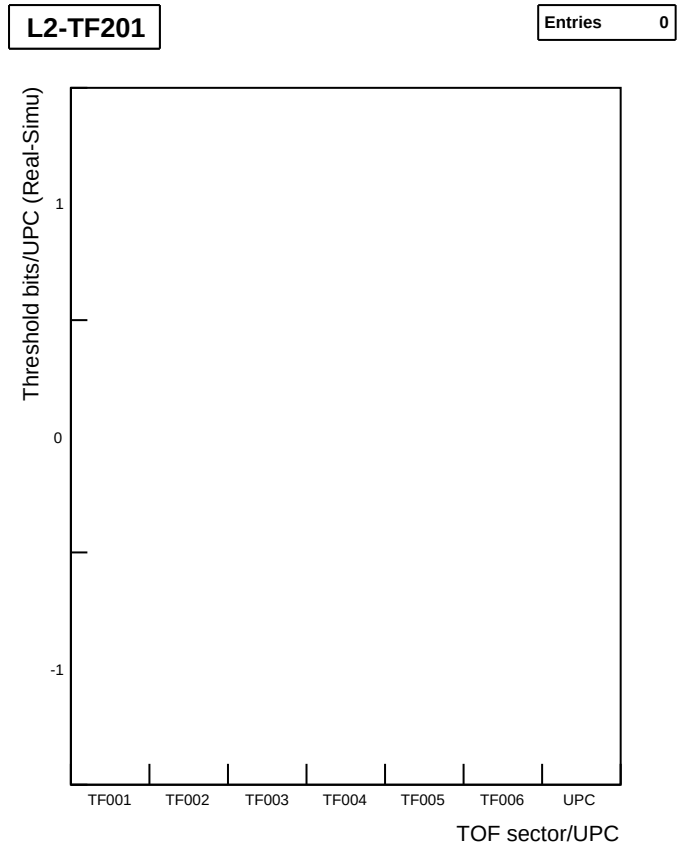

MIX-TF101
Entries 2380200
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

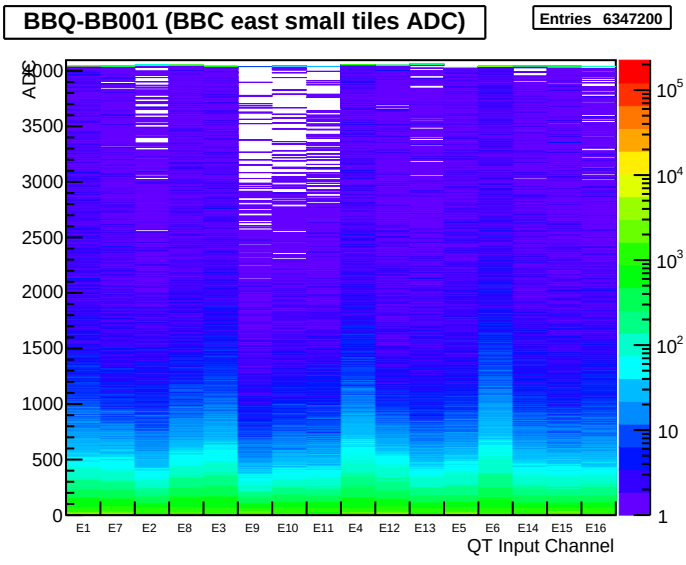

MIX-TF101
Entries 257125
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

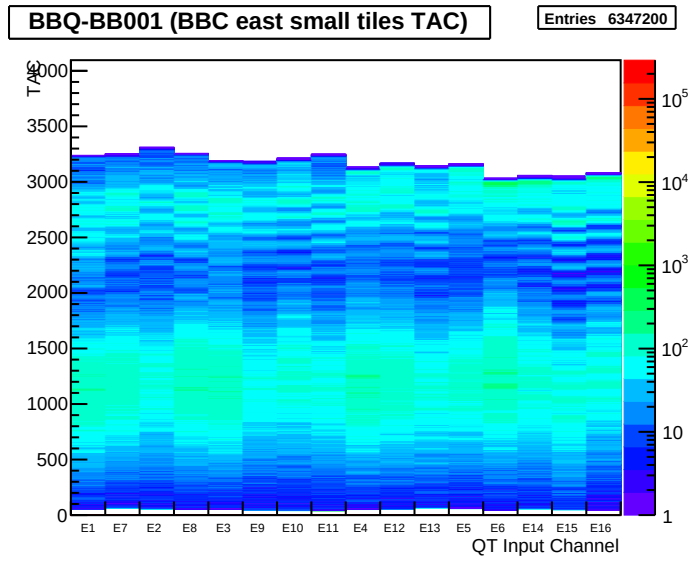

L2-TF201
Entries 396700
TOF total mult

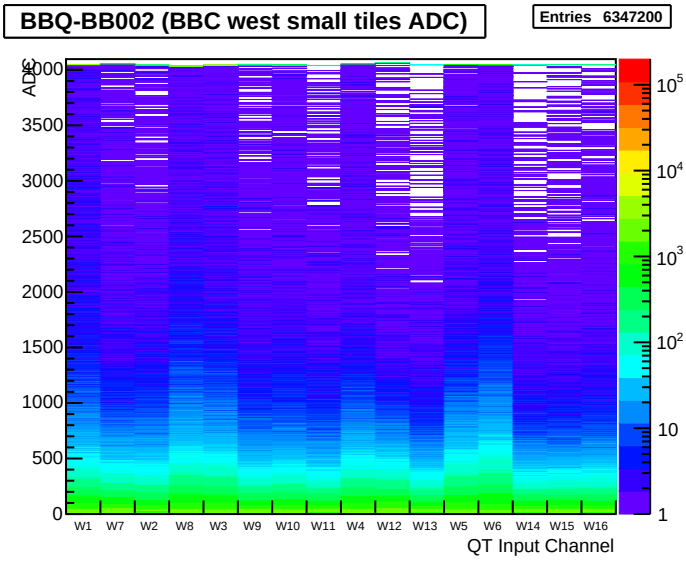

L2-TF201
Entries 0
TOF total mult(Real-Simu)

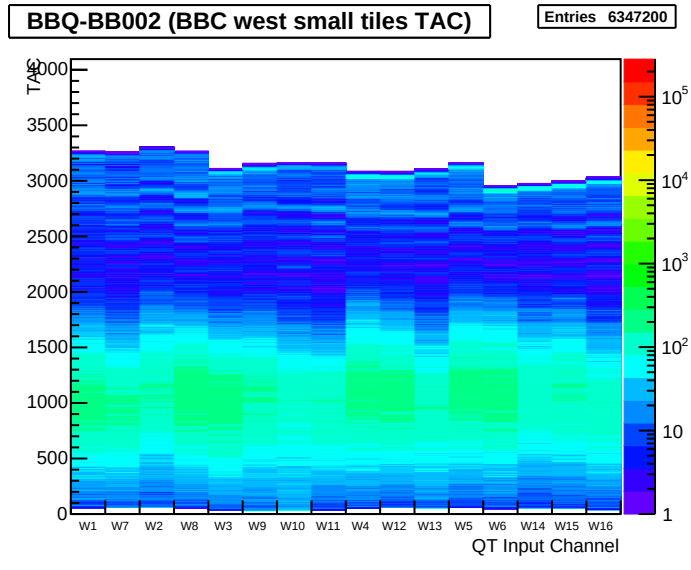

L2-TF201
Entries 2776900
Threshold/UPC bits
349628
352681
349878
351479
350527
346726
378756
47072
44019
46822
45221
46173
49974
17944
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

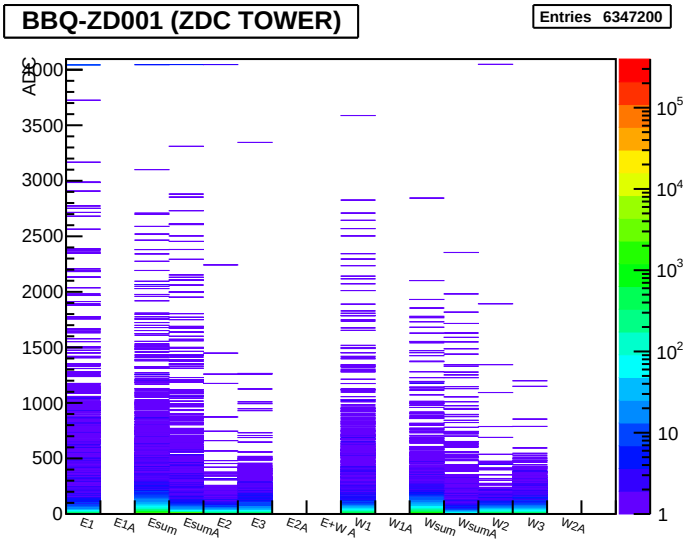

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

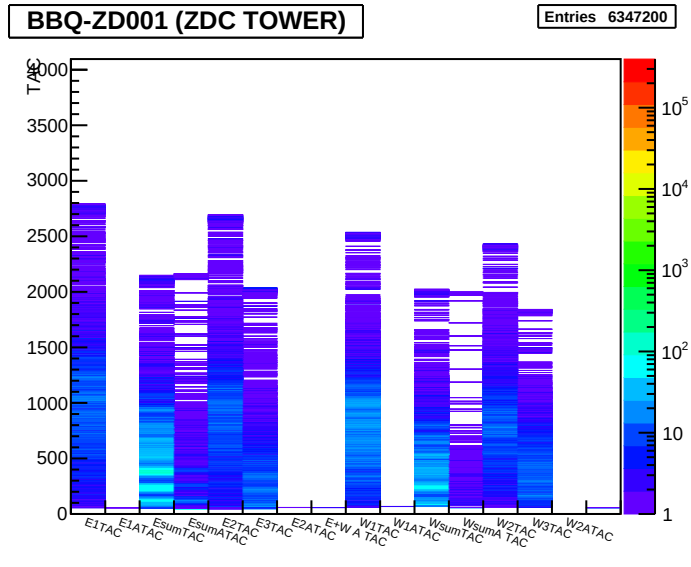

BBQ-BB001 (BBC east small tiles ADC)
Entries 6347200
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

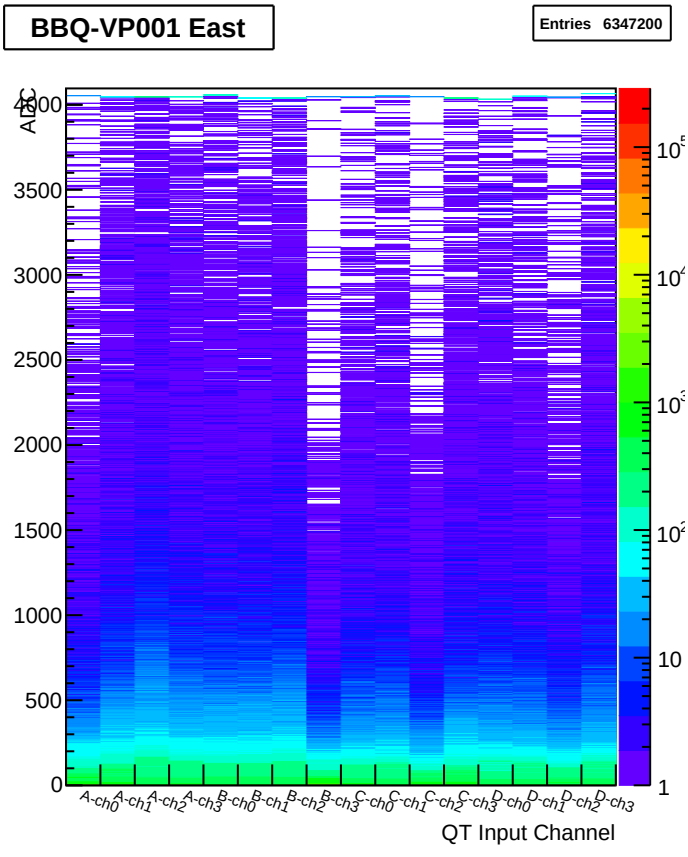

BBQ-BB001 (BBC east small tiles TAC)
Entries 6347200
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

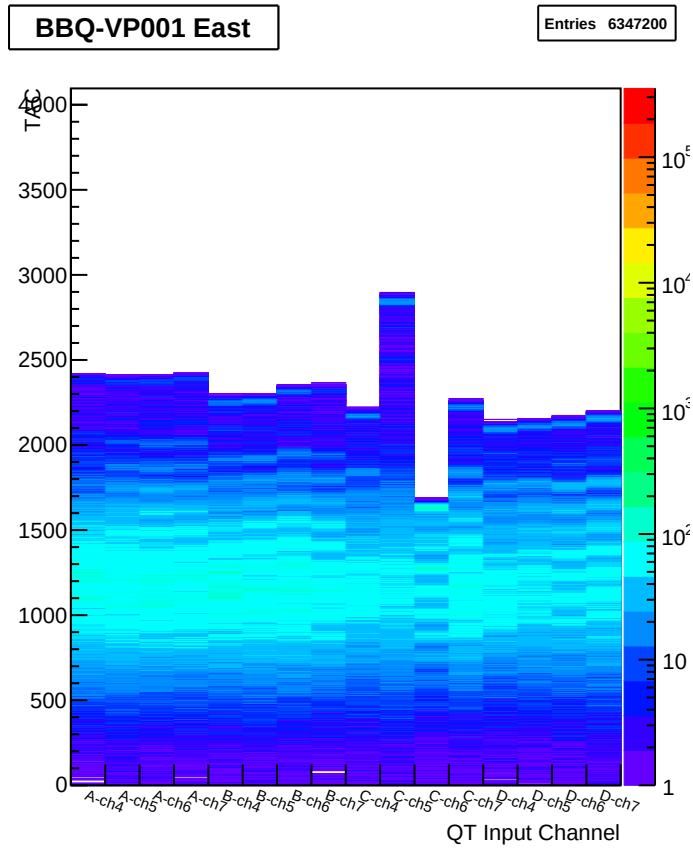

BBQ-BB002 (BBC west small tiles ADC)
Entries 6347200
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

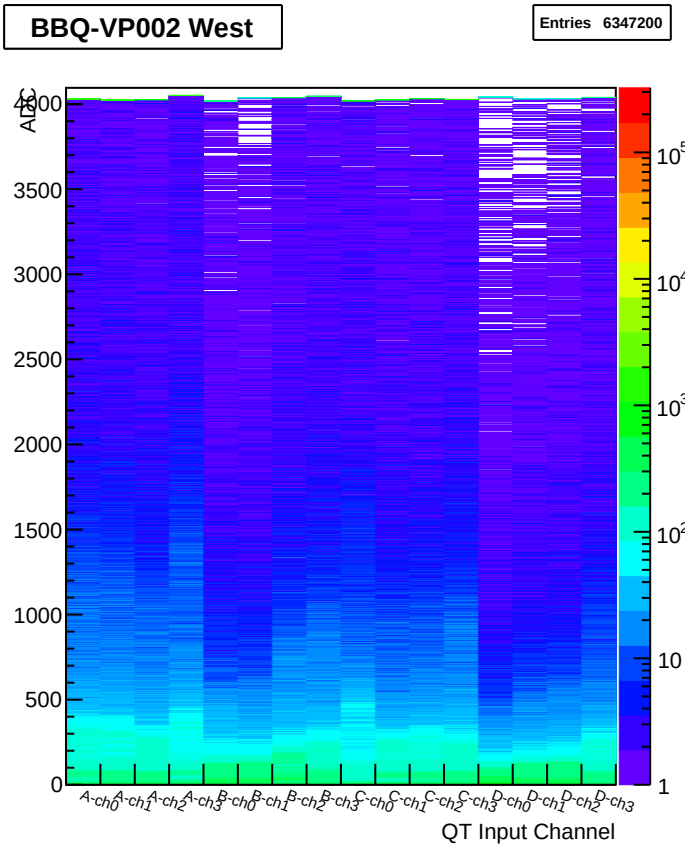

BBQ-BB002 (BBC west small tiles TAC)
Entries 6347200
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

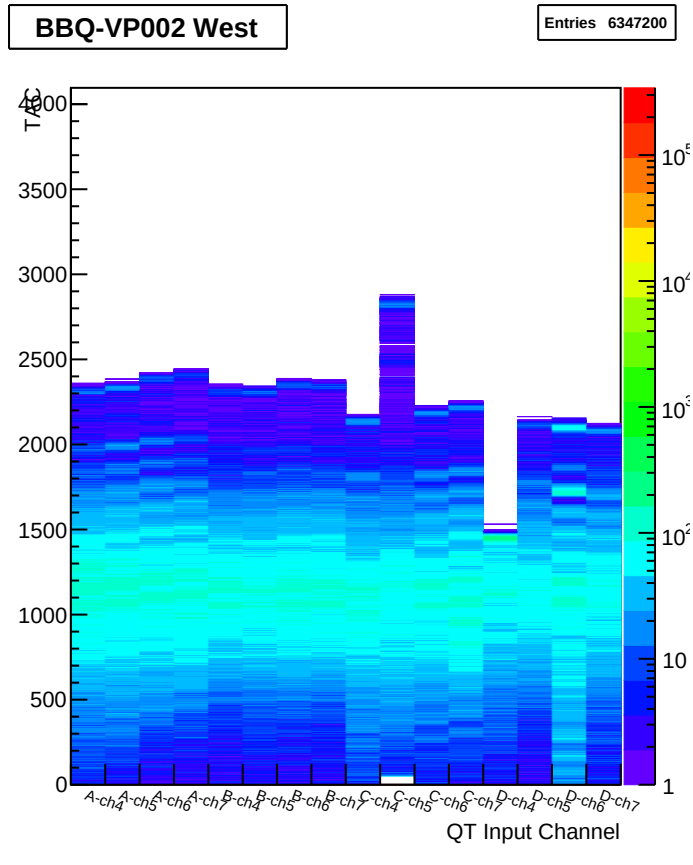

BBQ-ZD001 (ZDC TOWER)
Entries 6347200
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

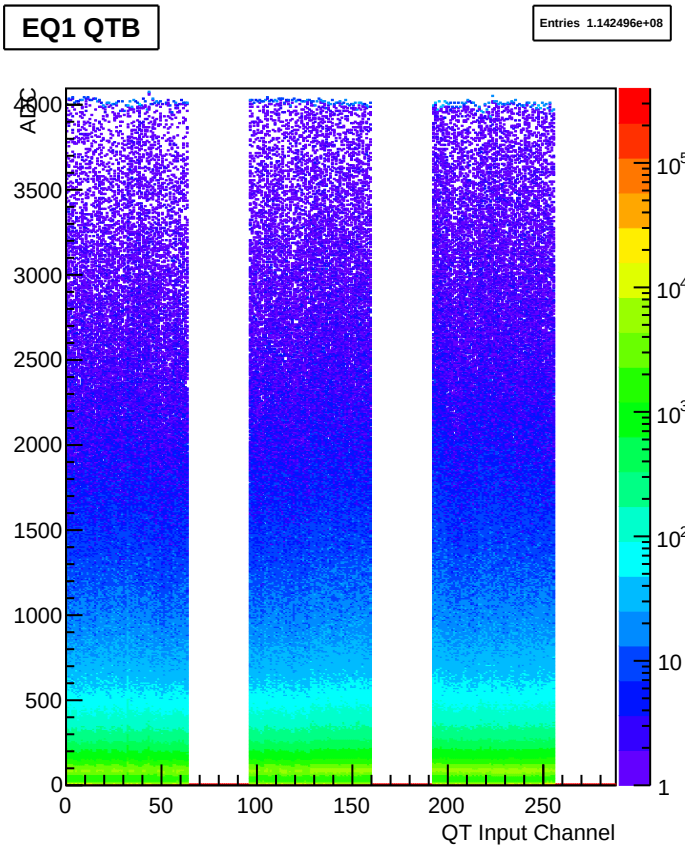

BBQ-ZD001 (ZDC TOWER)
Entries 6347200
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

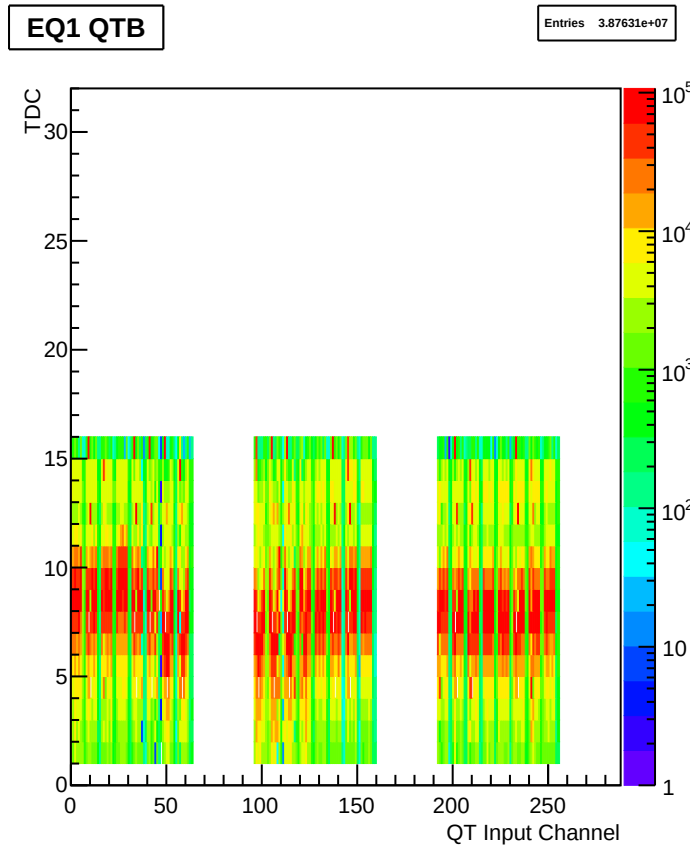

BBQ-VP001 East
Entries 6347200
ADC
QT Input Channel

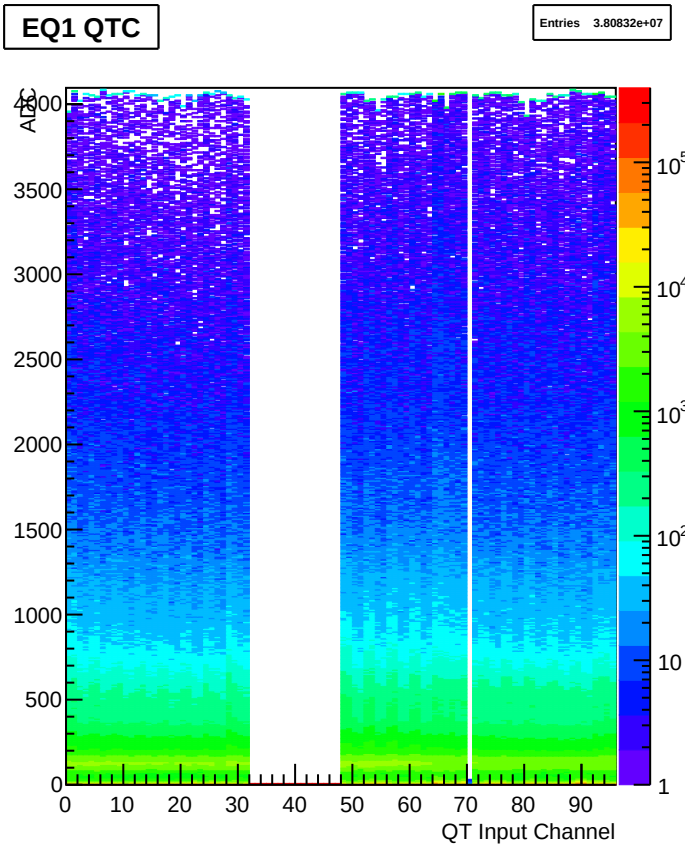

BBQ-VP001 East
Entries 6347200
TADC
QT Input Channel

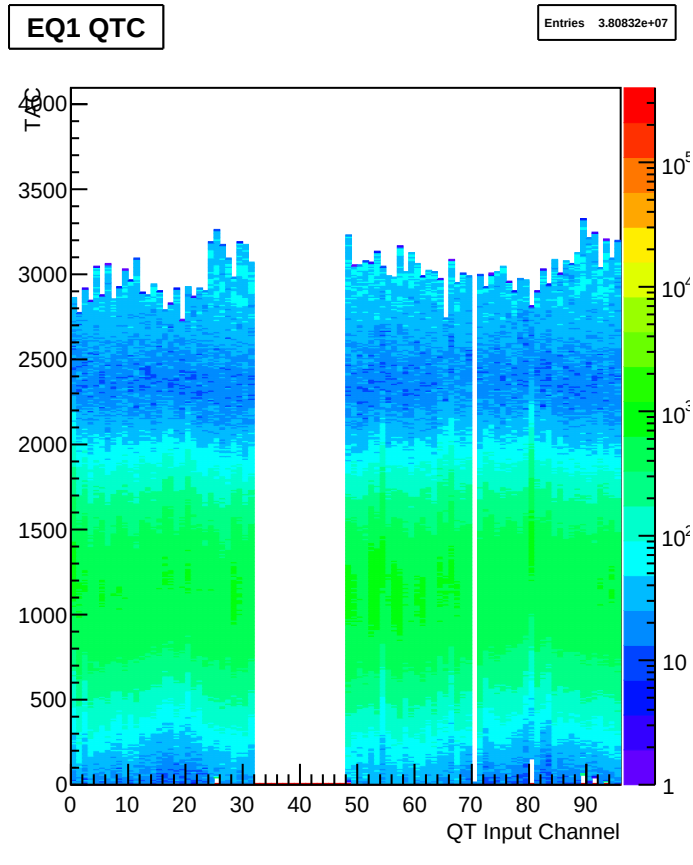

BBQ-VP002 West
Entries 6347200
ADC
QT Input Channel

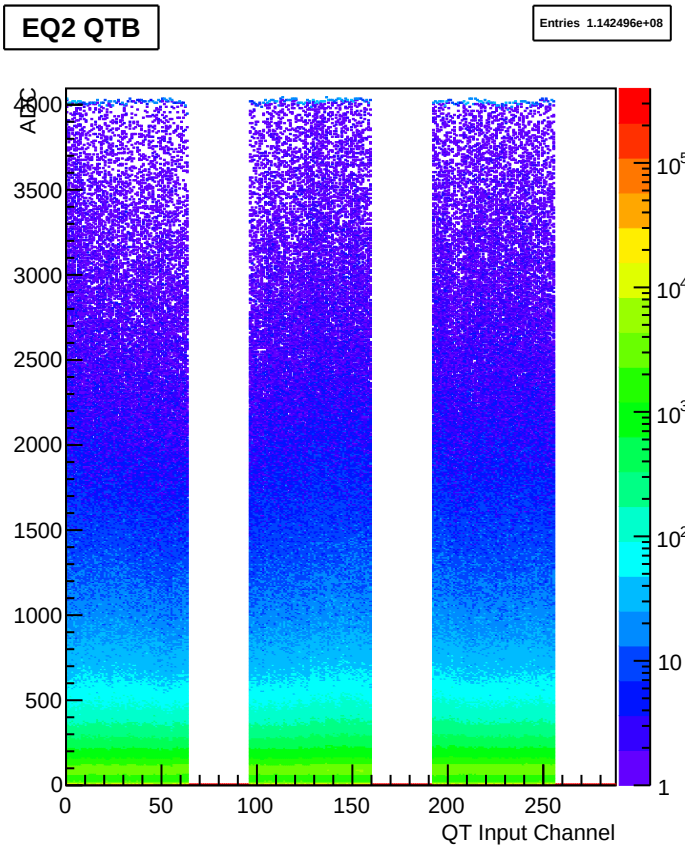

BBQ-VP002 West
Entries 6347200
TADC
QT Input Channel

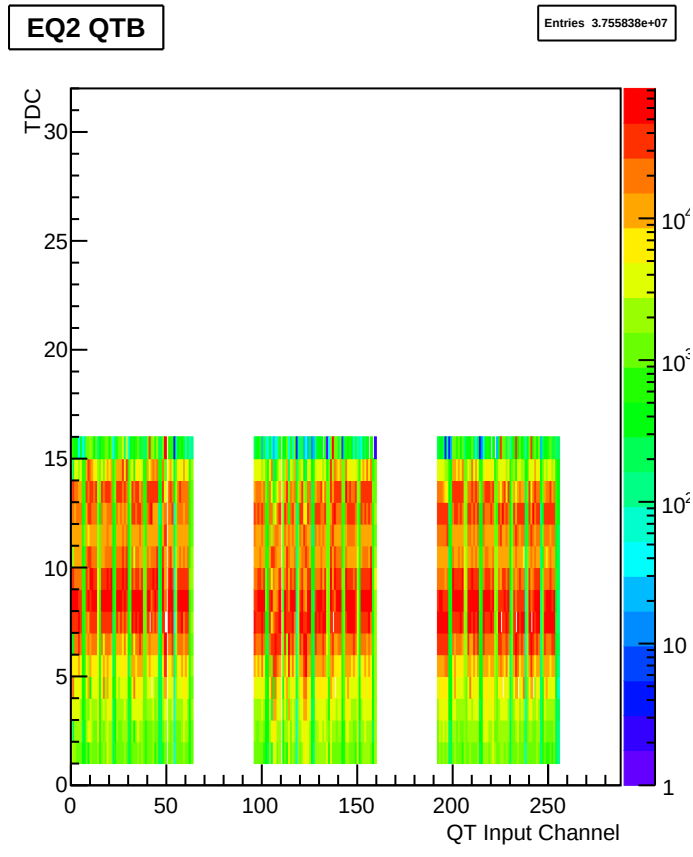

EQ1 QTB
Entries 1.142496e+08
ADC
QT Input Channel

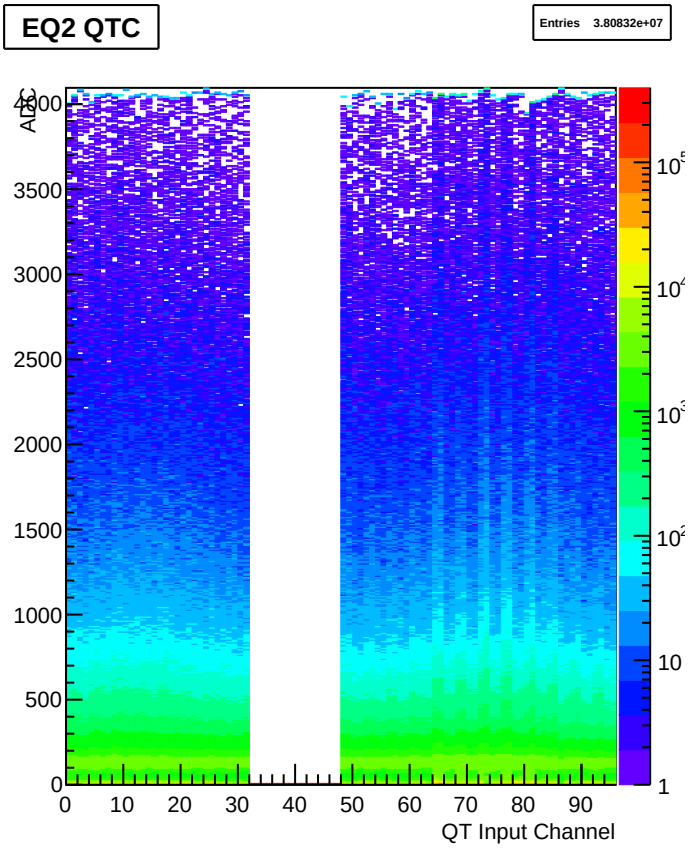

EQ1 QTB
Entries 3.87631e+07
TDC
QT Input Channel

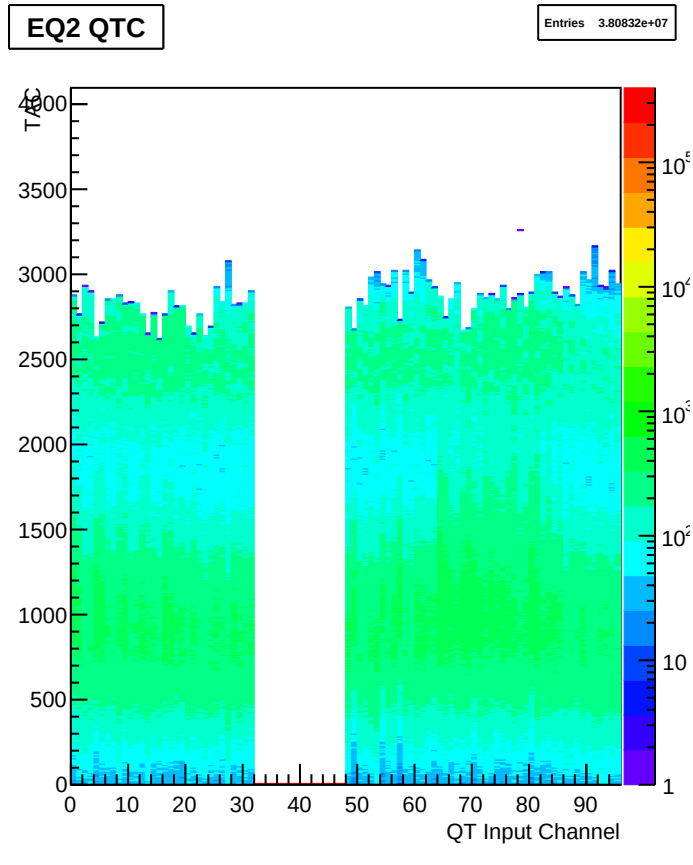

EQ1 QTC
Entries 3.80832e+07
ADC
QT Input Channel

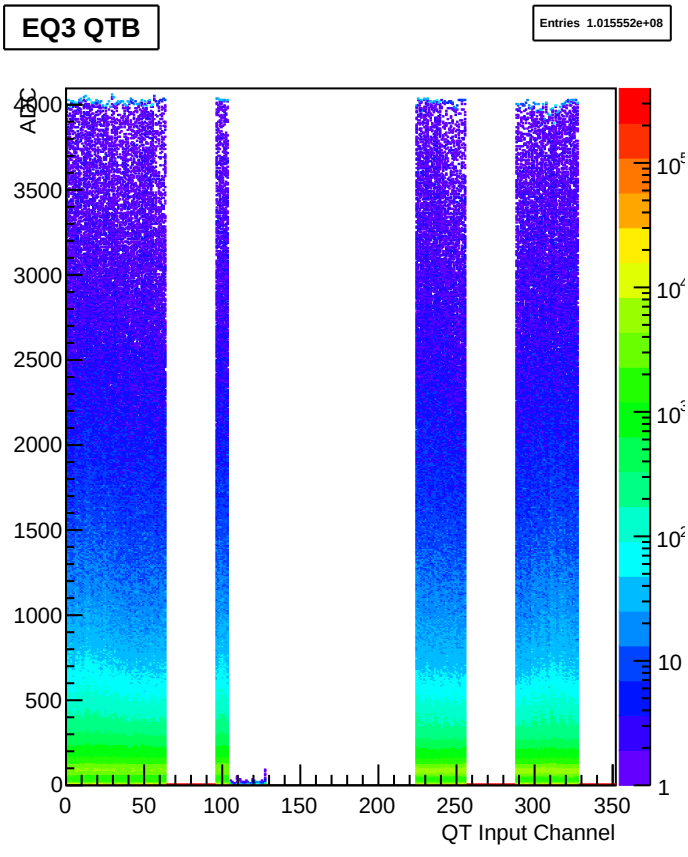

EQ1 QTC
Entries 3.80832e+07
TADC
QT Input Channel

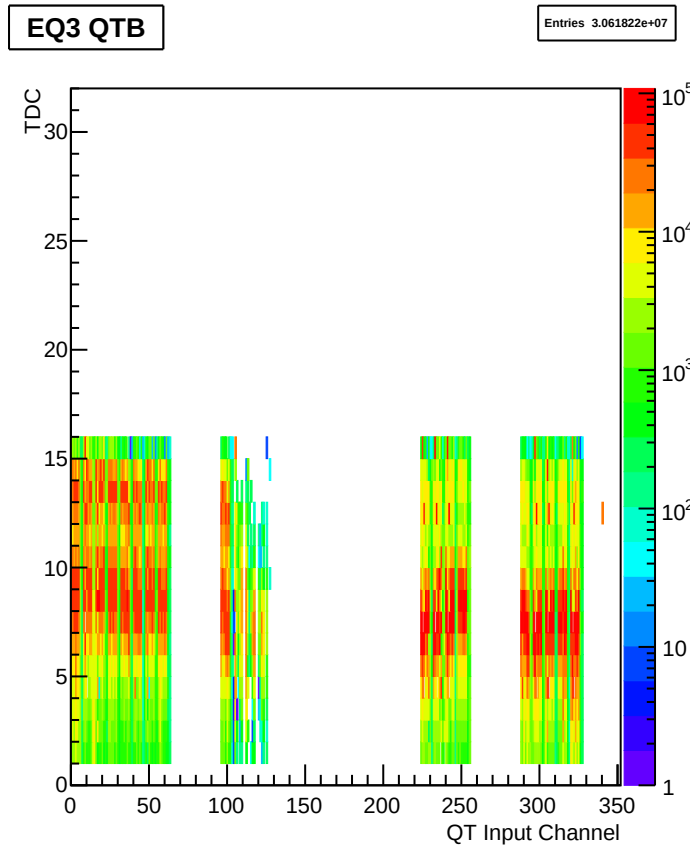

EQ2 QTB
Entries 1.142496e+08
ADC
QT Input Channel

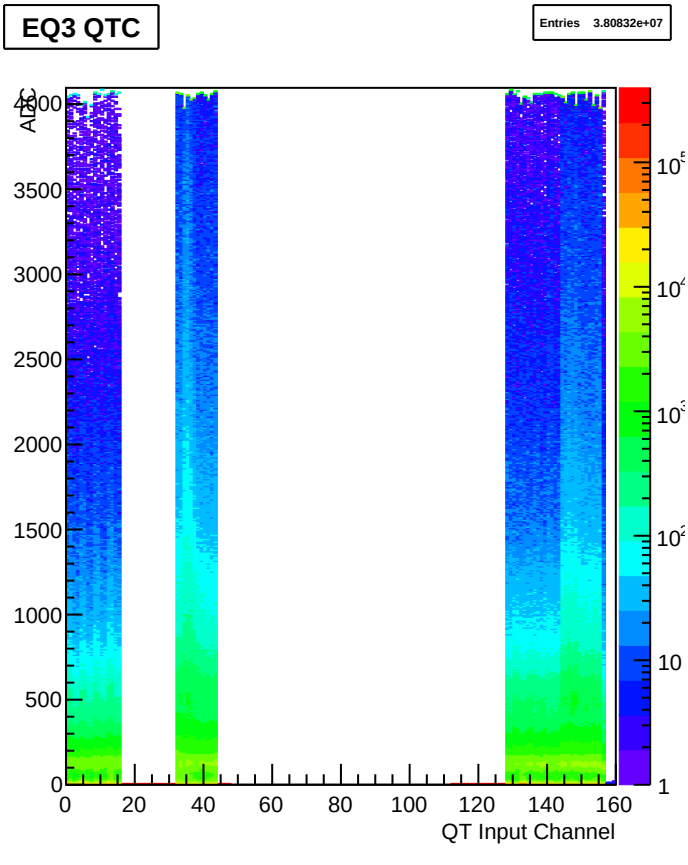

EQ2 QTB
Entries 3.755838e+07
TDC
QT Input Channel

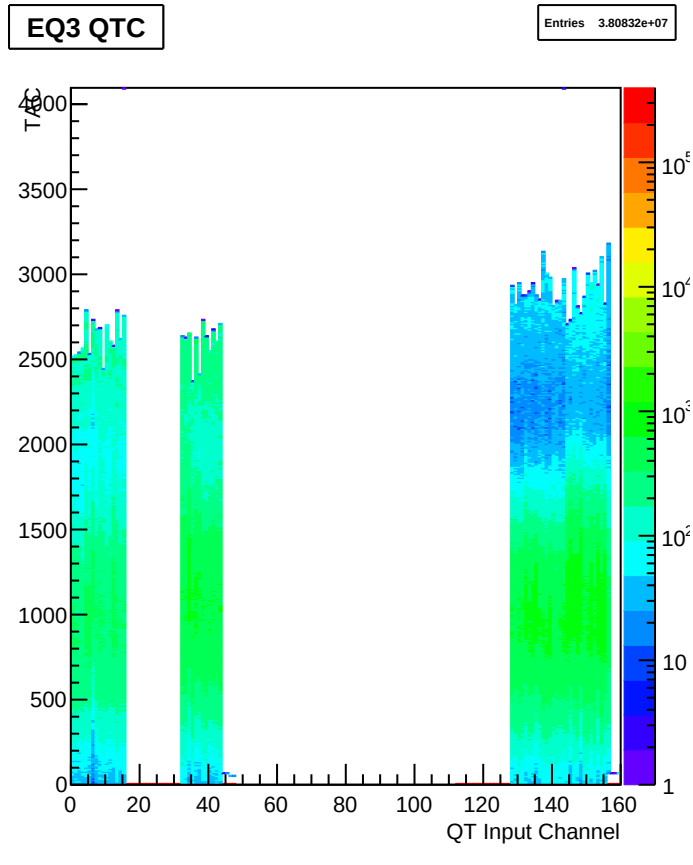

EQ2 QTC
Entries 3.80832e+07
ADC
QT Input Channel

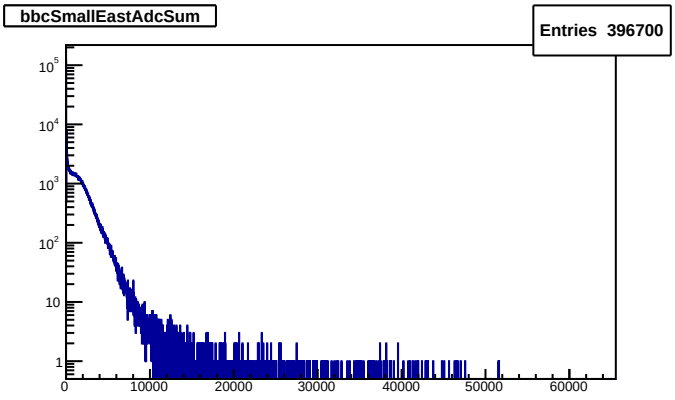

EQ2 QTC
Entries 3.80832e+07
TADC
QT Input Channel

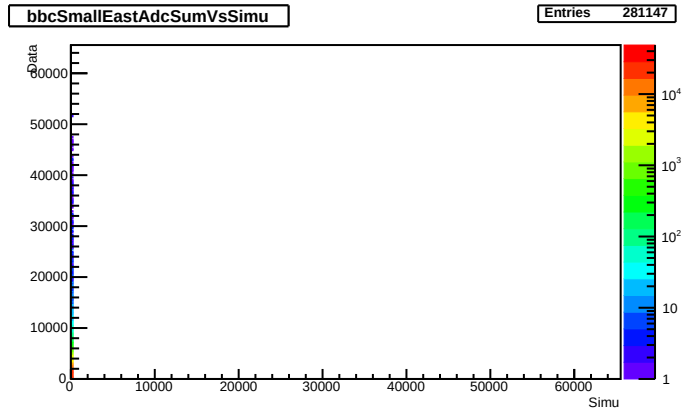

EQ3 QTB
Entries 1.015552e+08
ADC
QT Input Channel

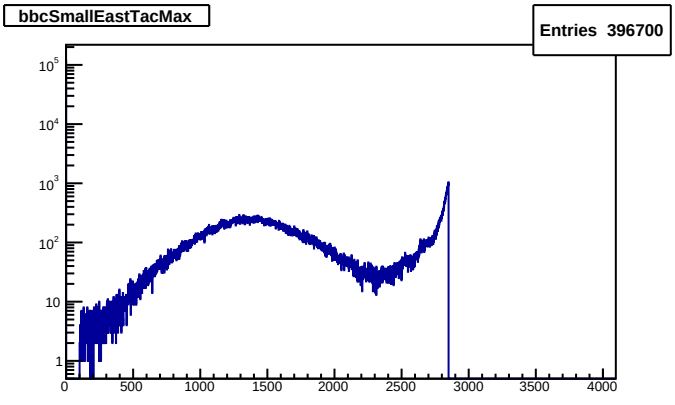

EQ3 QTB
Entries 3.061822e+07
TDC
QT Input Channel

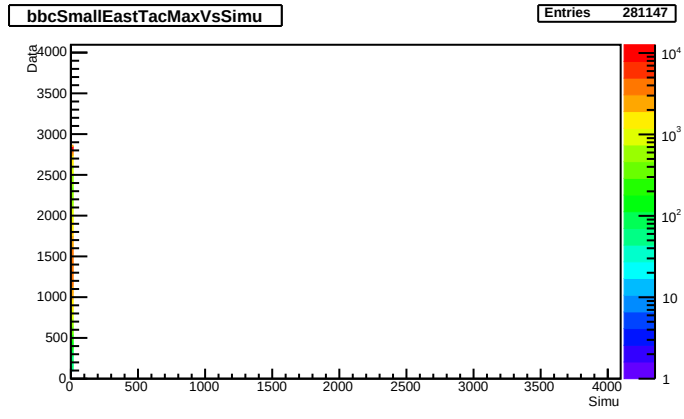

EQ3 QTC
Entries 3.80832e+07
ADC
QT Input Channel

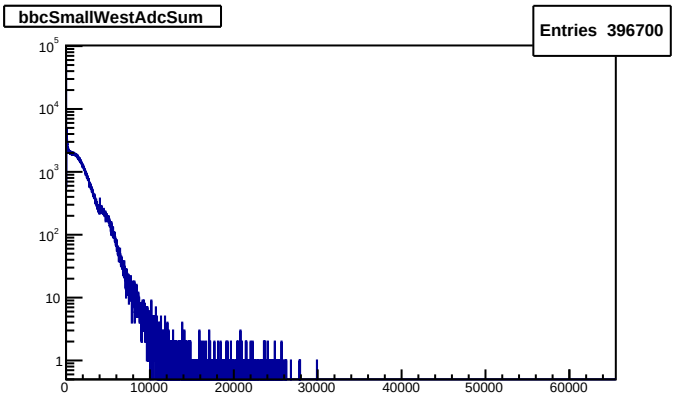

EQ3 QTC
Entries 3.80832e+07
TADC
QT Input Channel

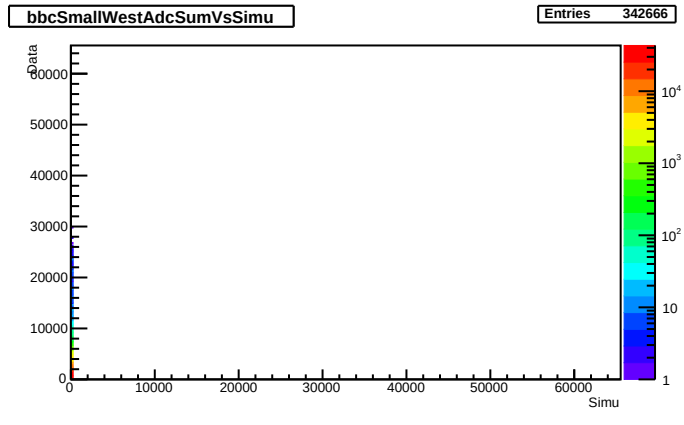

bbcSmallEastAdcSum
Entries 396700

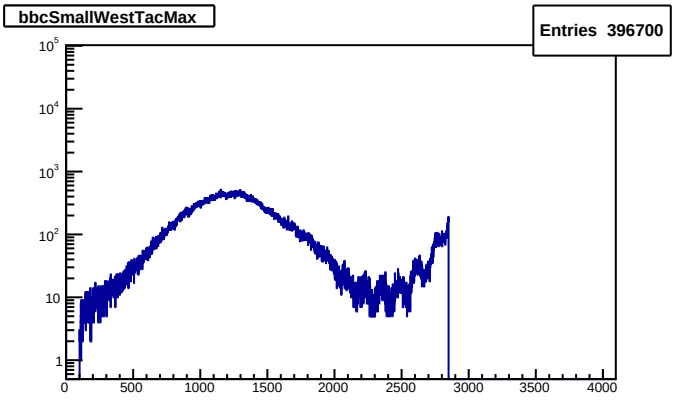

bbcSmallEastAdcSumVsSimu
Entries 281147
Data
Simu

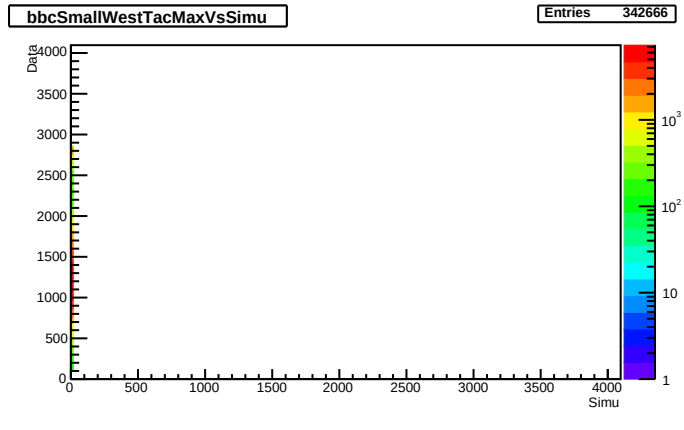

bbcSmallEastTacMax
Entries 396700

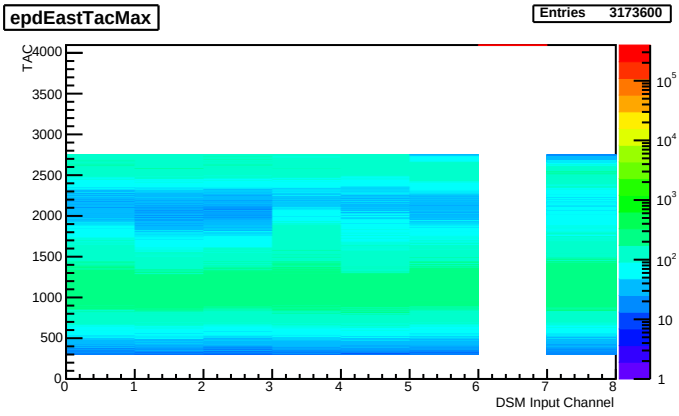

bbcSmallEastTacMaxVsSimu
Entries 281147
Data
Simu

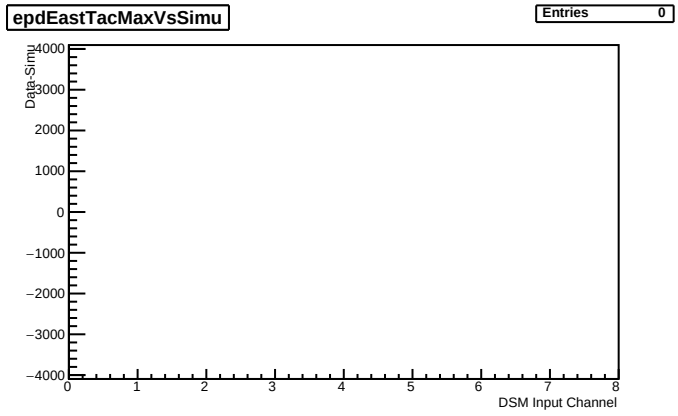

bbcSmallWestAdcSum
Entries 396700

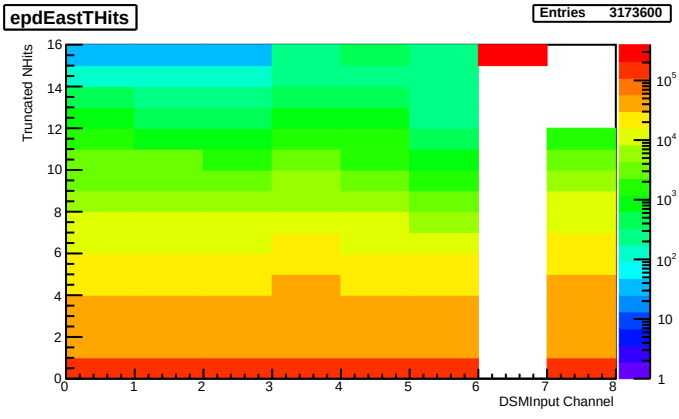

bbcSmallWestAdcSumVsSimu
Entries 342666
Data
Simu

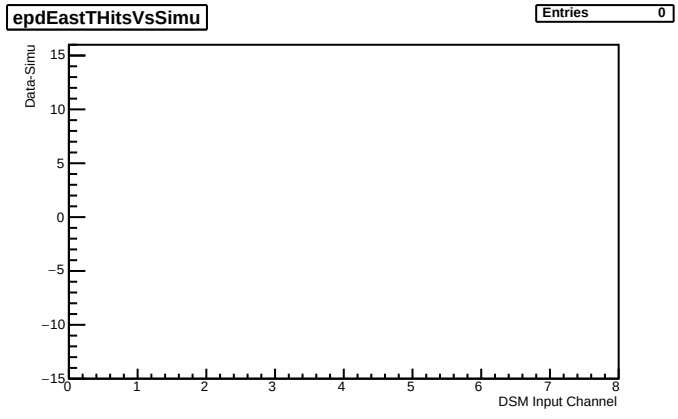

bbcSmallWestTacMax
Entries 396700

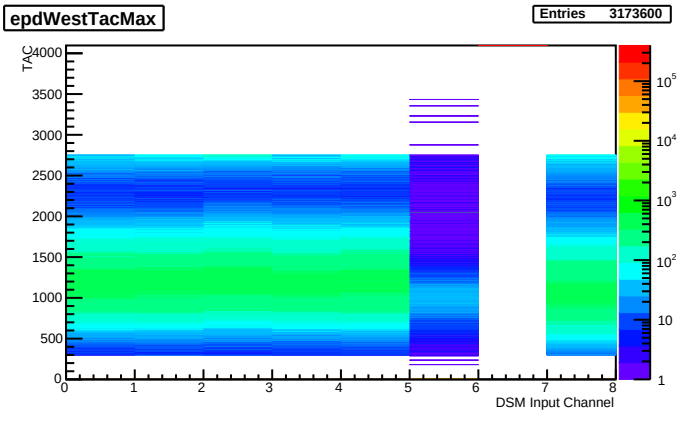

bbcSmallWestTacMaxVsSimu
Entries 342666
Data
Simu

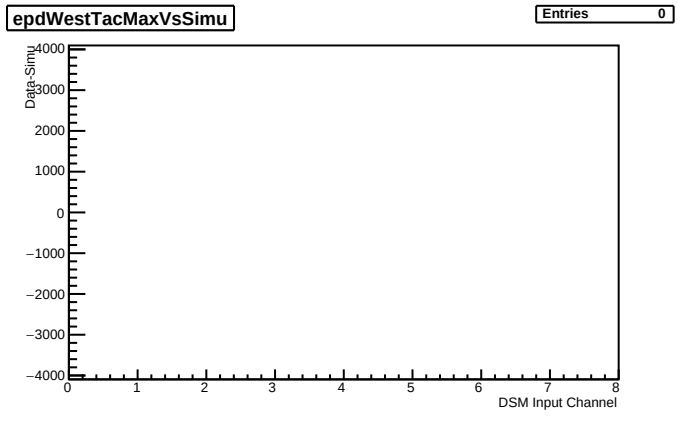

epdEastTacMax
Entries 3173600
TAC
DSM Input Channel

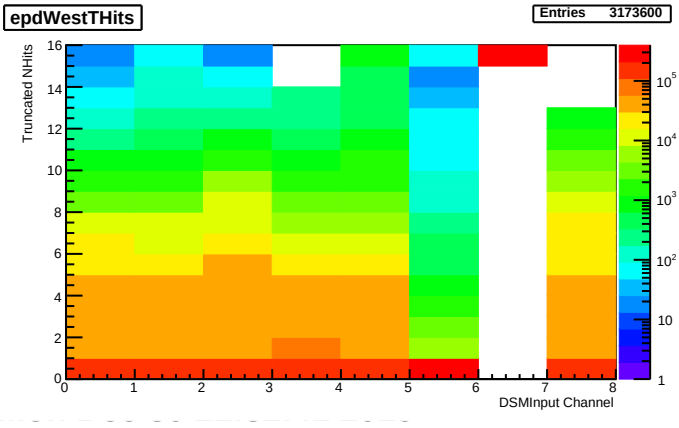

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

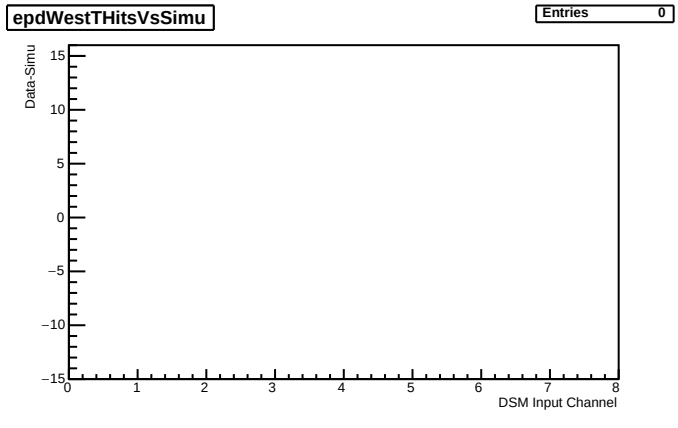

epdEastTHits
Entries 3173600
Truncated NHits
DSMInput Channel

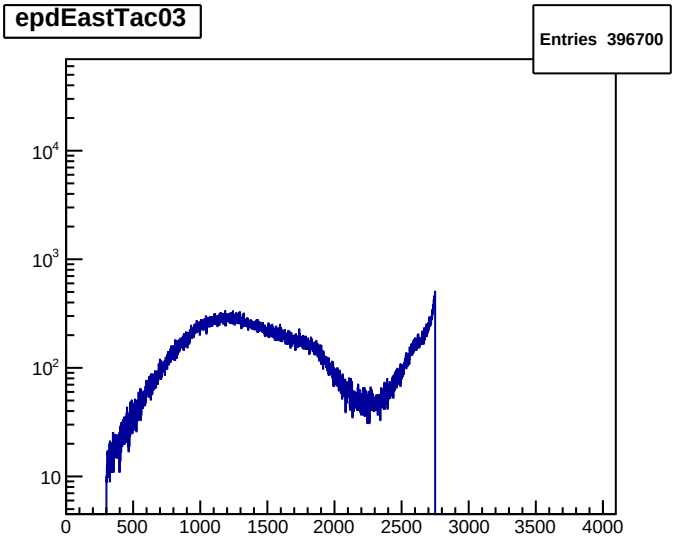

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

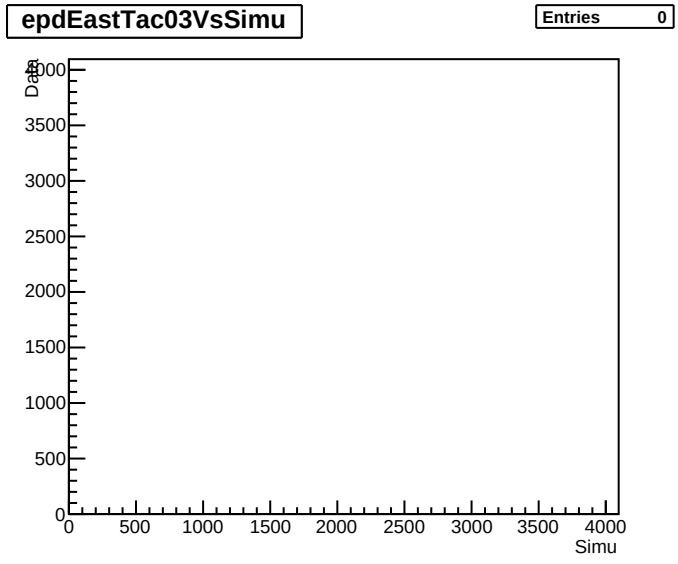

epdWestTacMax
Entries 3173600
TAC
DSM Input Channel

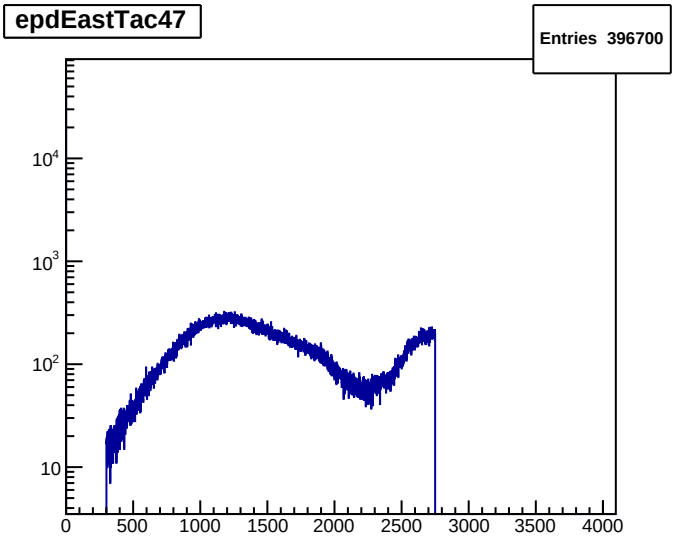

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

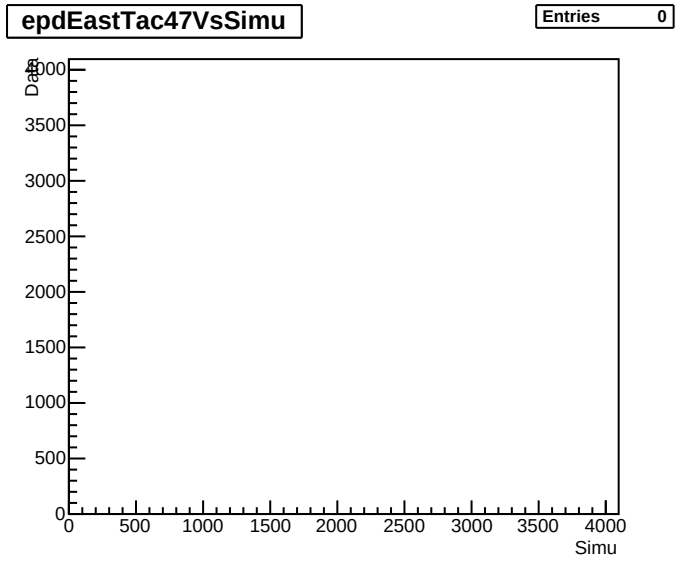

epdWestTHits
Entries 3173600
Truncated NHits
DSMInput Channel

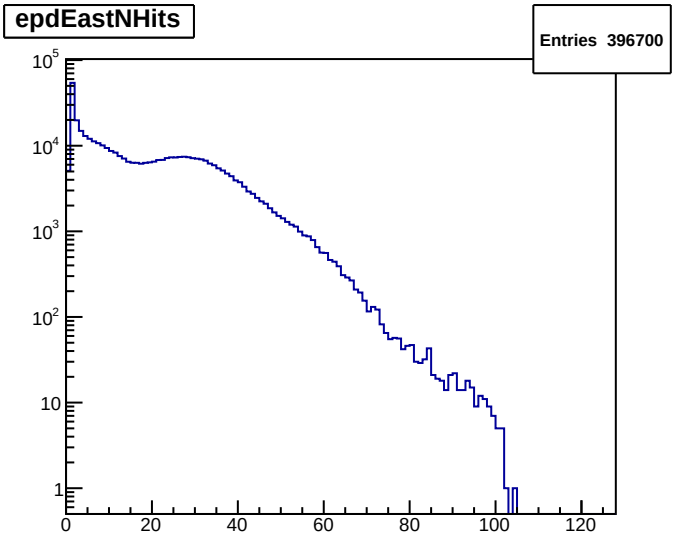

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

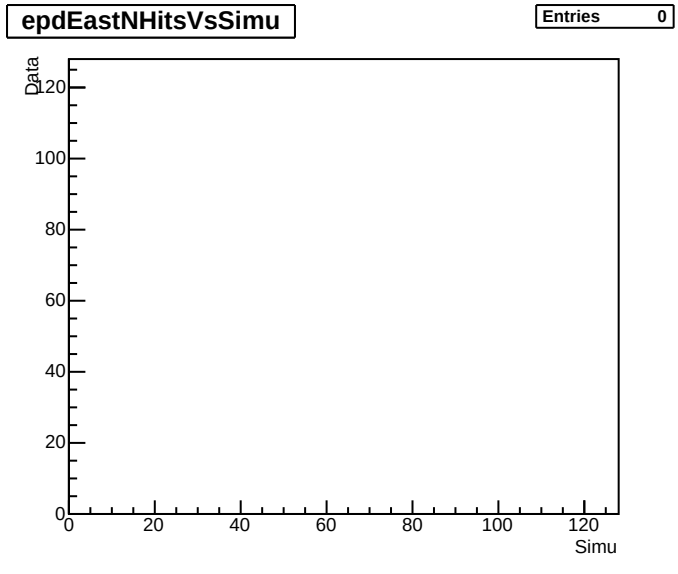

epdEastTac03
Entries 396700

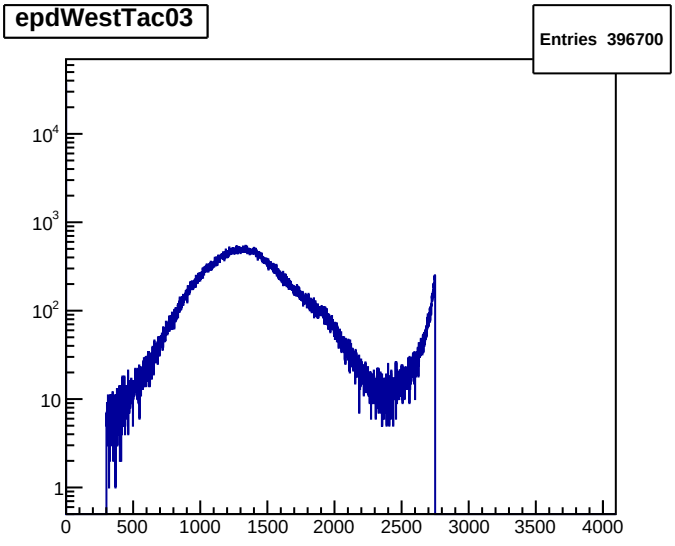

epdEastTac03VsSimu
Entries 0
Data
Simu

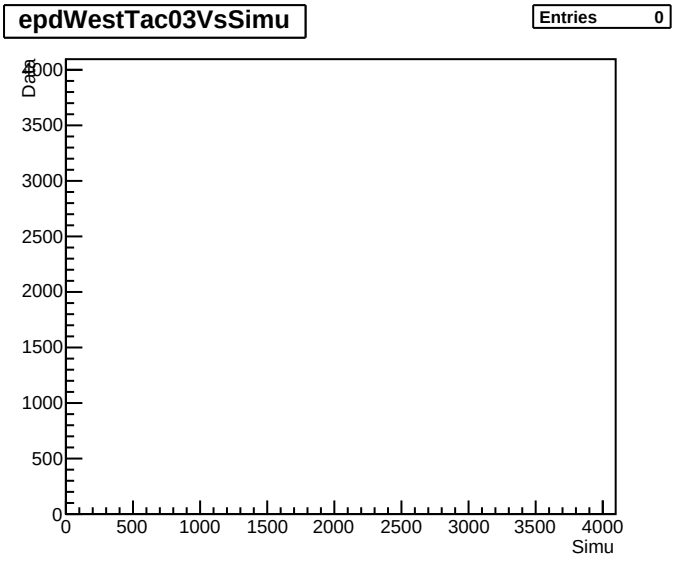

epdEastTac47
Entries 396700

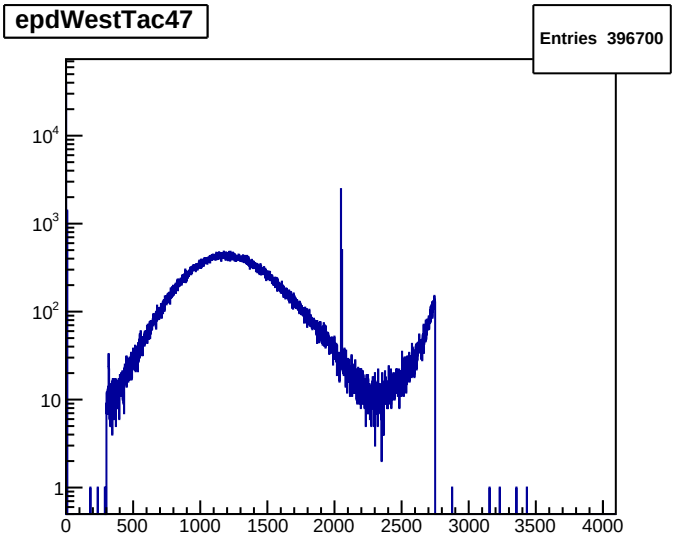

epdEastTac47VsSimu
Entries 0
Data
Simu

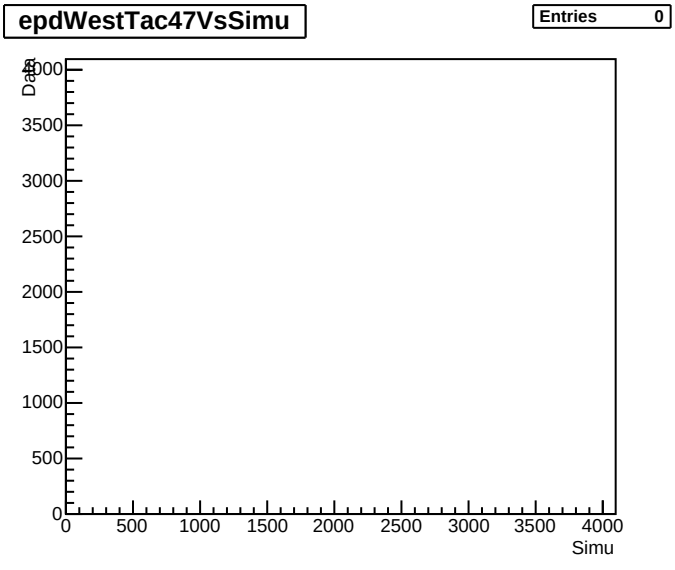

epdEastNHits
Entries 396700

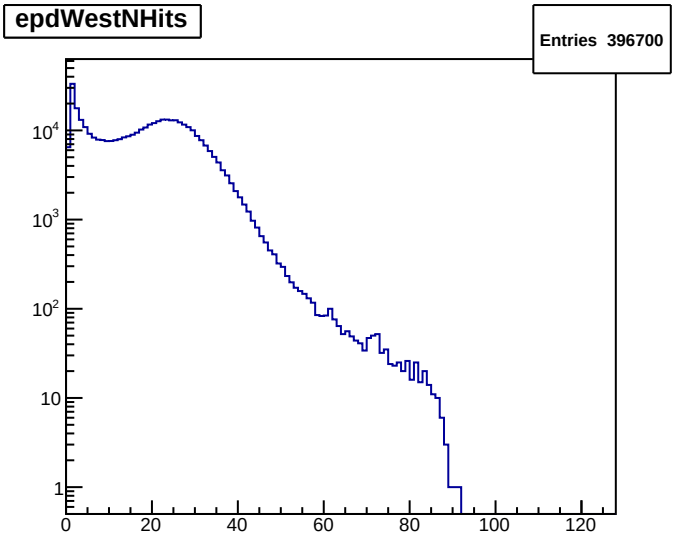

epdEastNHitsVsSimu
Entries 0
Data
Simu

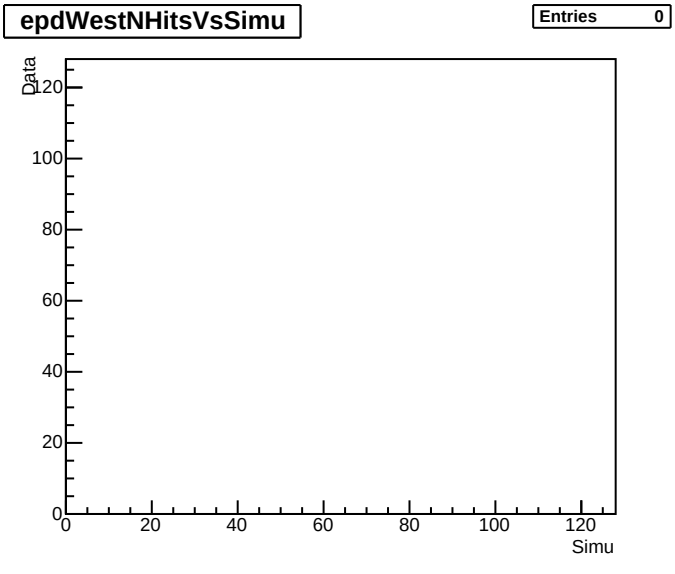

epdWestTac03
Entries 396700

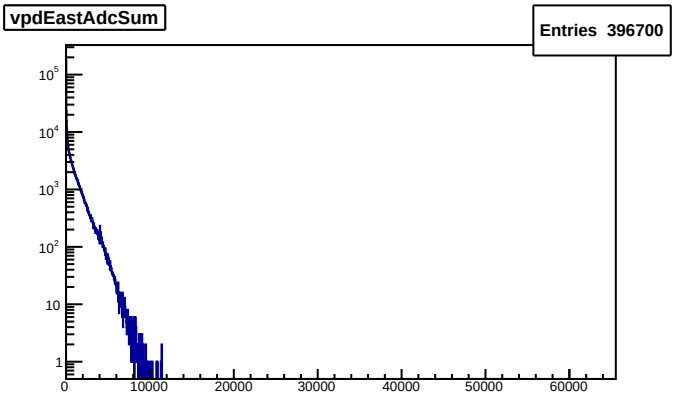

epdWestTac03VsSimu
Entries 0
Data
Simu

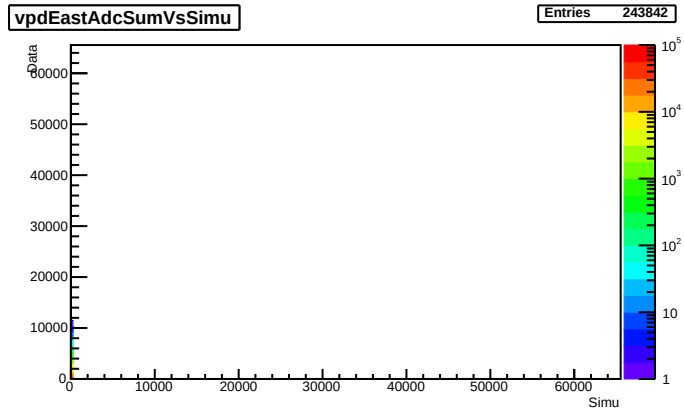

epdWestTac47
Entries 396700

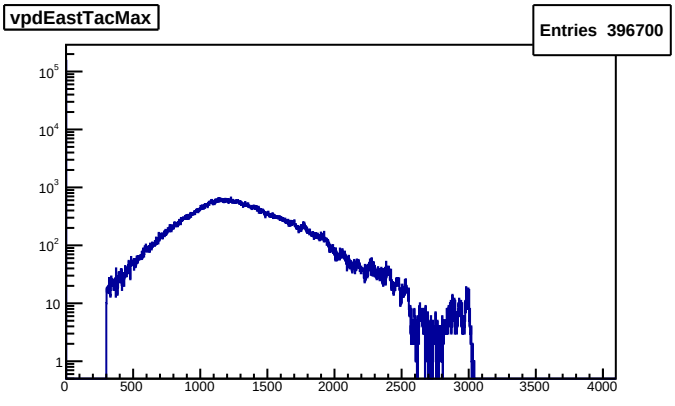

epdWestTac47VsSimu
Entries 0
Data
Simu

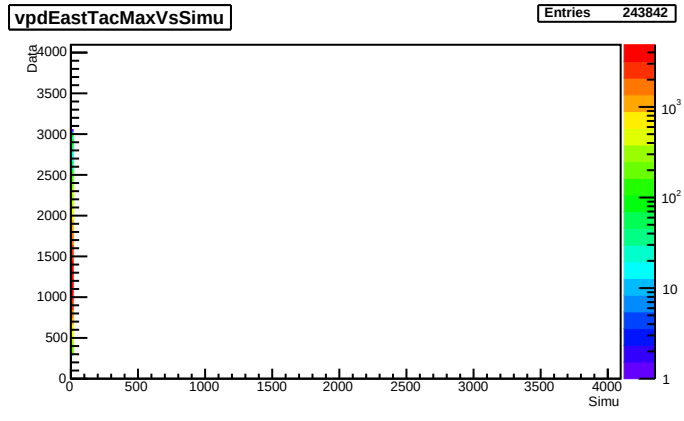

epdWestNHits
Entries 396700

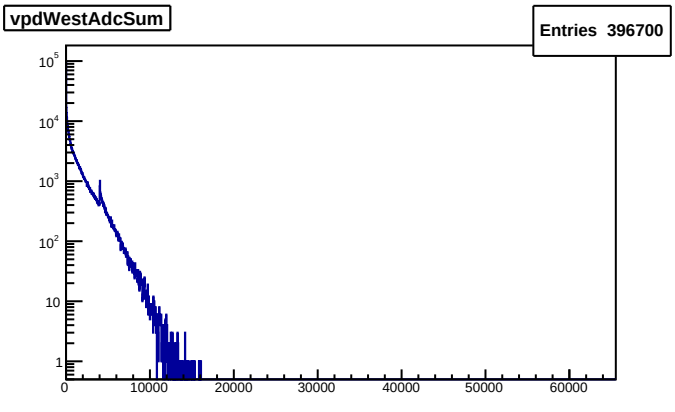

epdWestNHitsVsSimu
Entries 0
Data
Simu

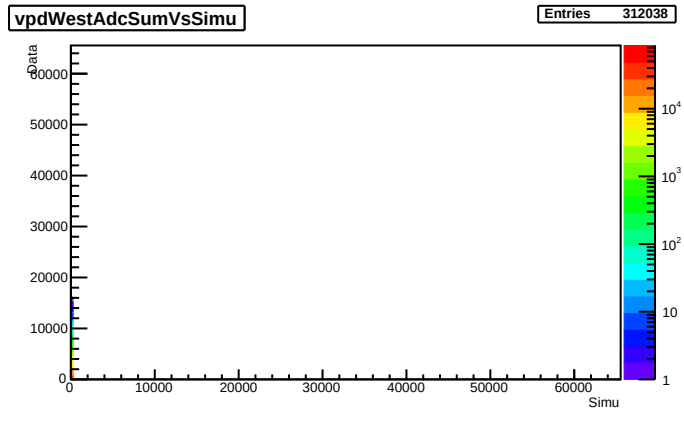

vpdEastAdcSum
Entries 396700

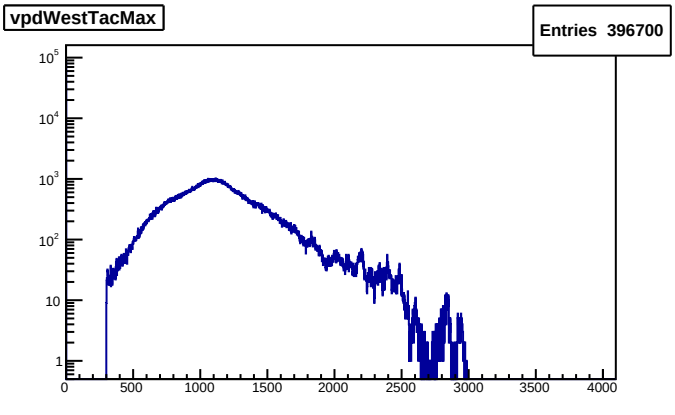

vpdEastAdcSumVsSimu
Entries 243842
Data
Simu

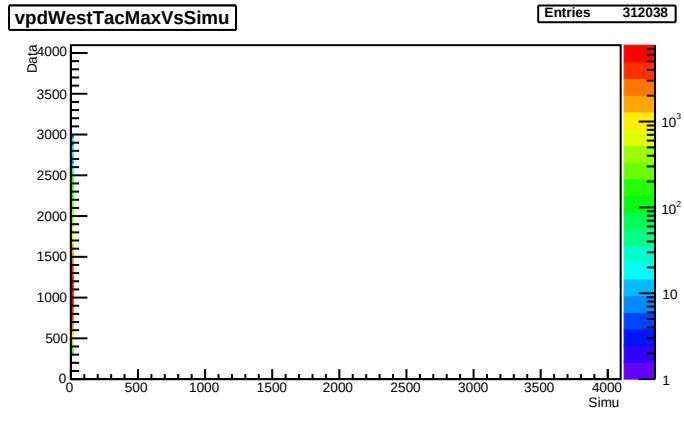

vpdEastTacMax
Entries 396700

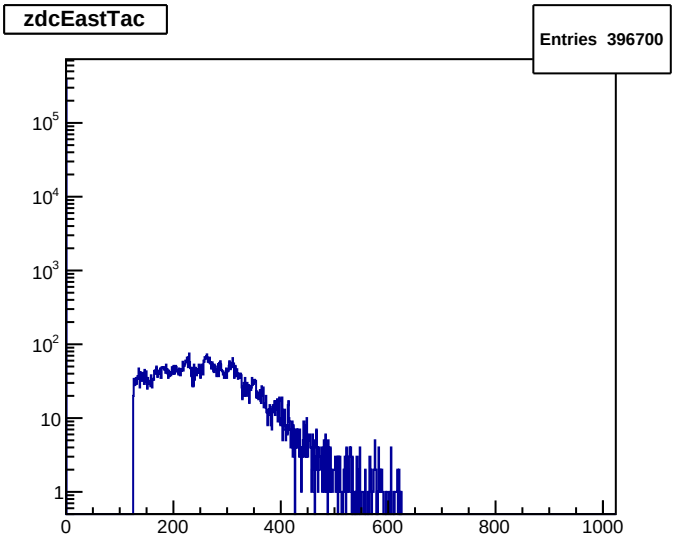

vpdEastTacMaxVsSimu
Entries 243842
Data
Simu

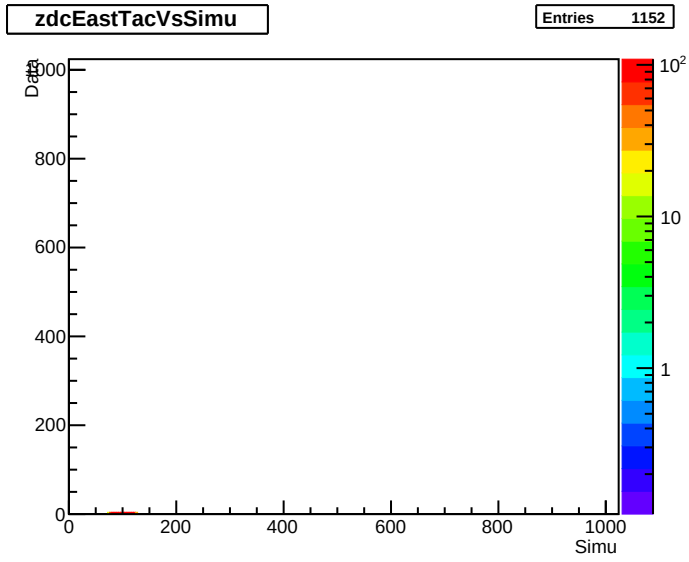

vpdWestAdcSum
Entries 396700

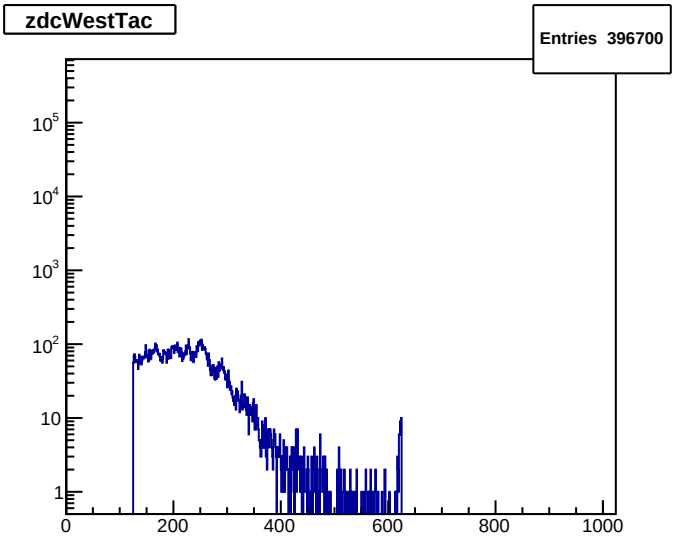

vpdWestAdcSumVsSimu
Entries 312038
Data
Simu

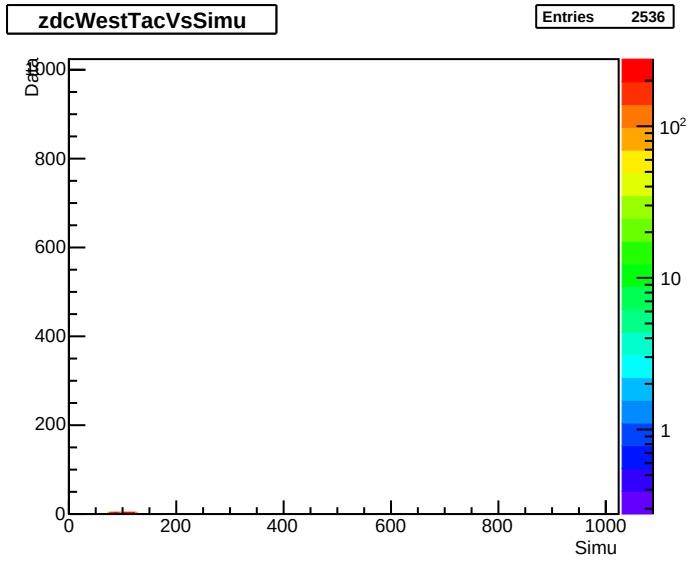

vpdWestTacMax
Entries 396700

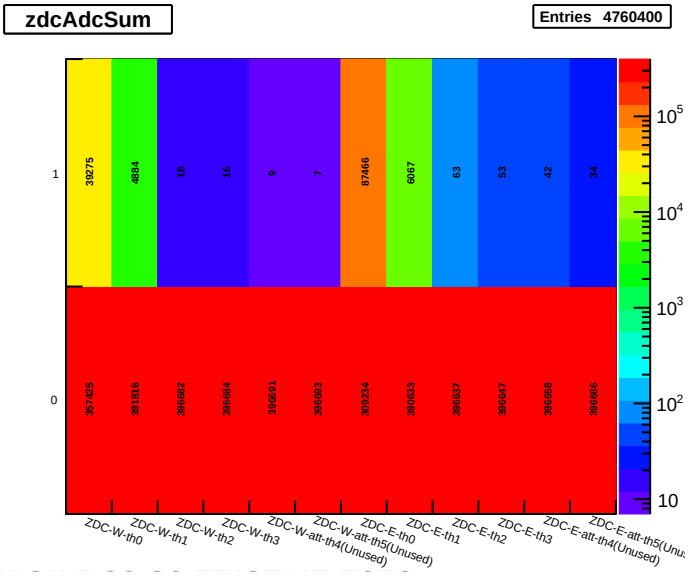

vpdWestTacMaxVsSimu
Entries 312038
Data
Simu

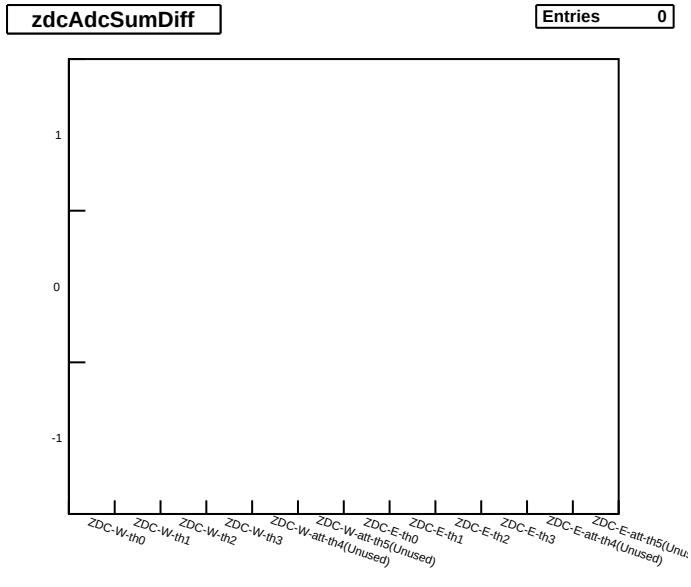

zdcEastTac
Entries 396700

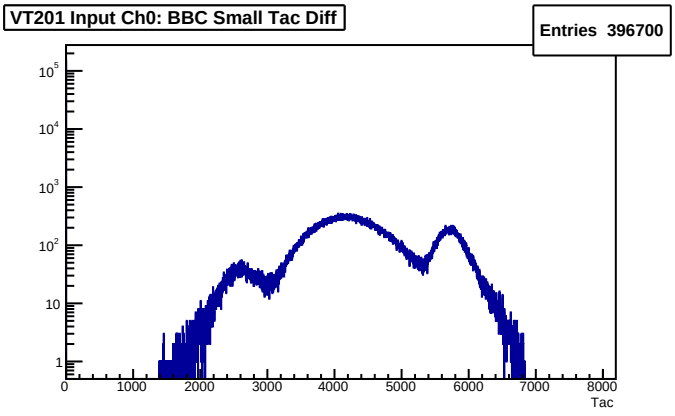

zdcEastTacVsSimu
Entries 1152
Data
Simu

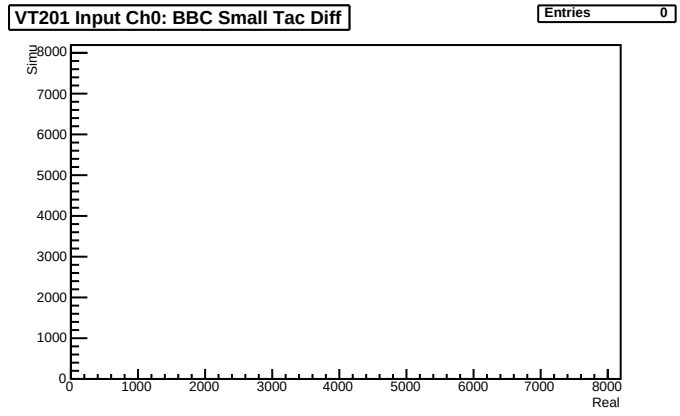

zdcWestTac
Entries 396700

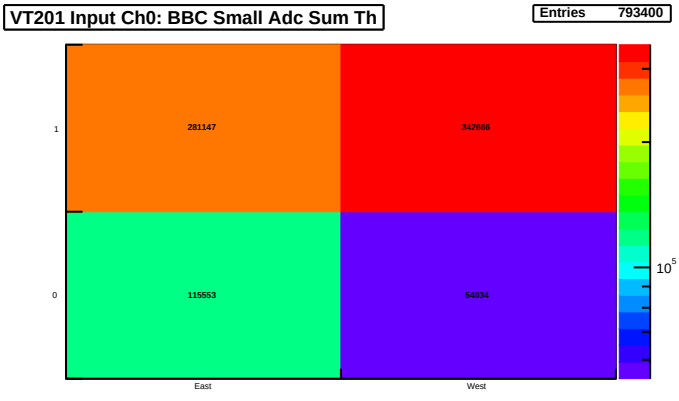

zdcWestTacVsSimu
Entries 2536
Data
Simu

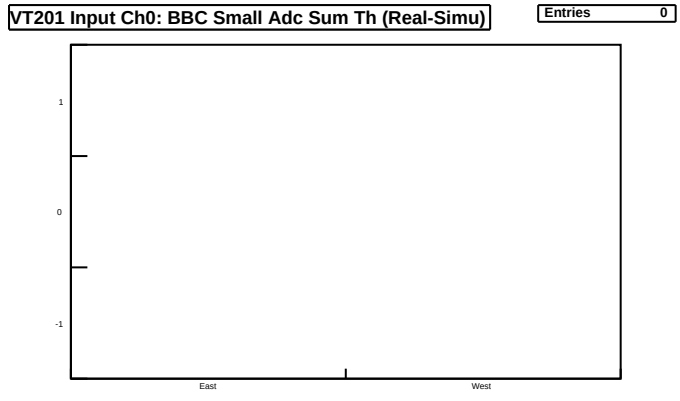

zdcAdcSum
Entries 4760400
39275
4884
18
16
9
7
87466
6067
63
53
42
34
357425
391816
396692
396684
396691
396693
309234
390633
396637
396647
396658
396666
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

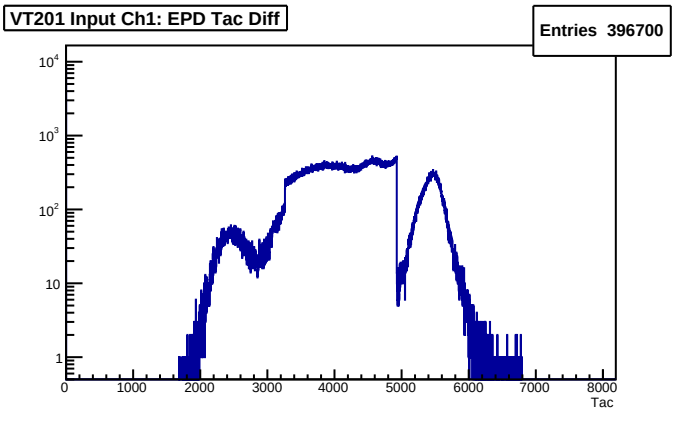

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

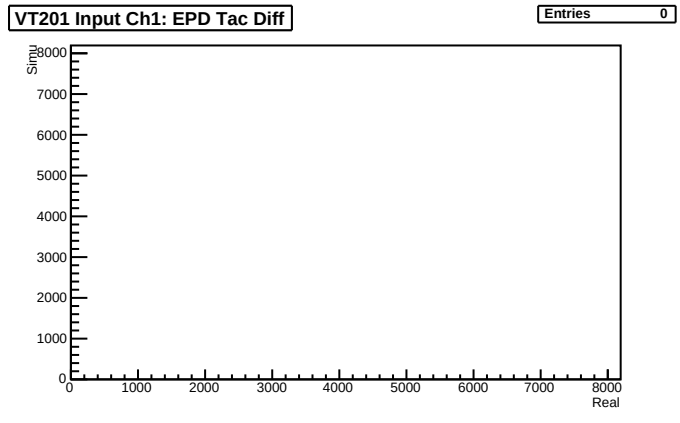

VT201 Input Ch0: BBC Small Tac Diff
Entries 396700
Tac

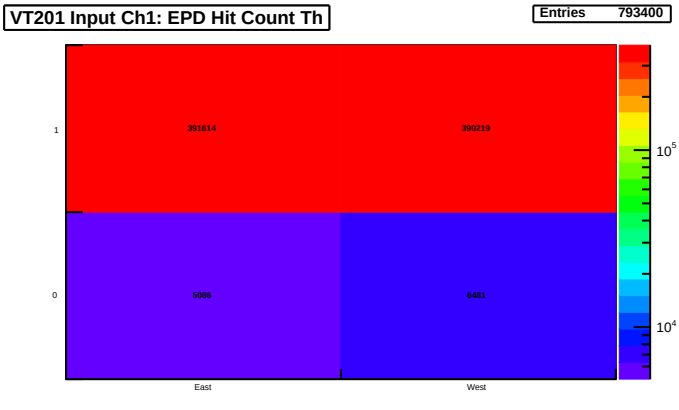

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

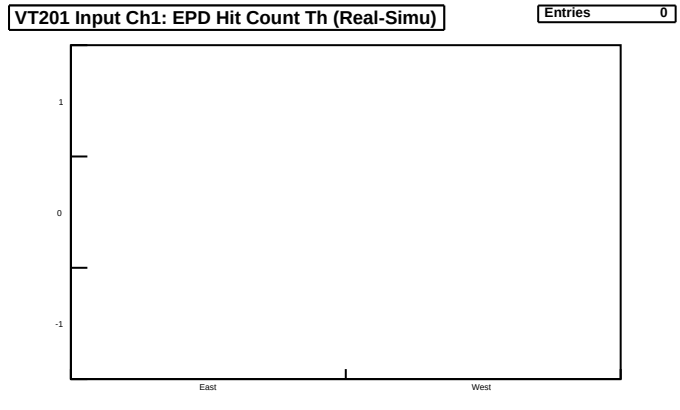

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 793400
281147
342666
115553
54034
East
West

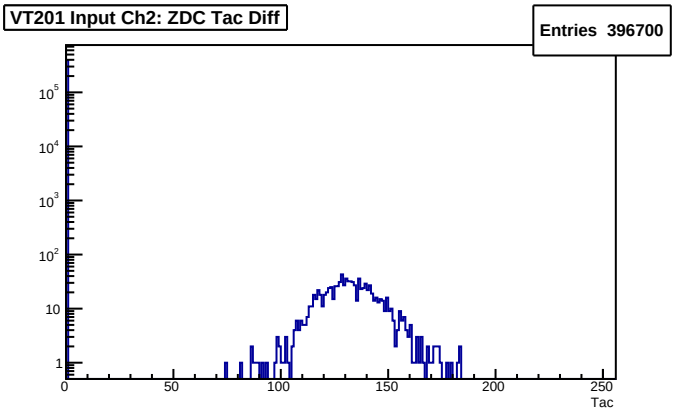

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

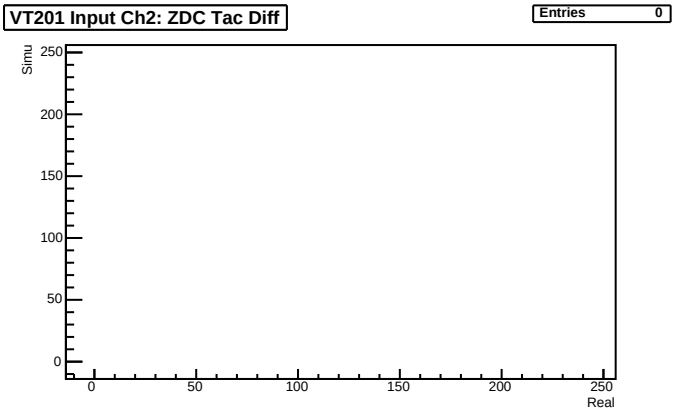

VT201 Input Ch1: EPD Tac Diff
Entries 396700
Tac

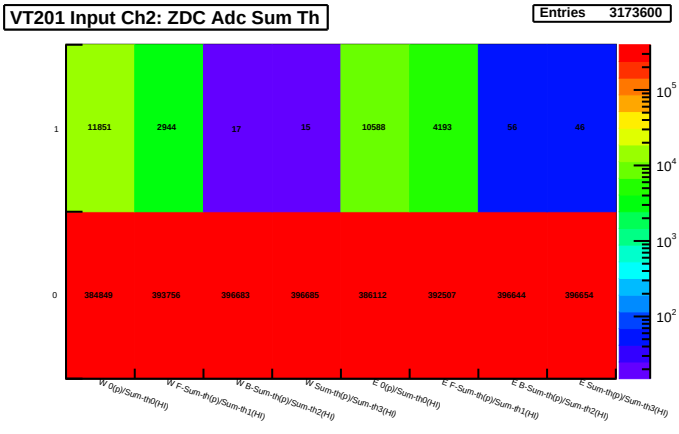

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

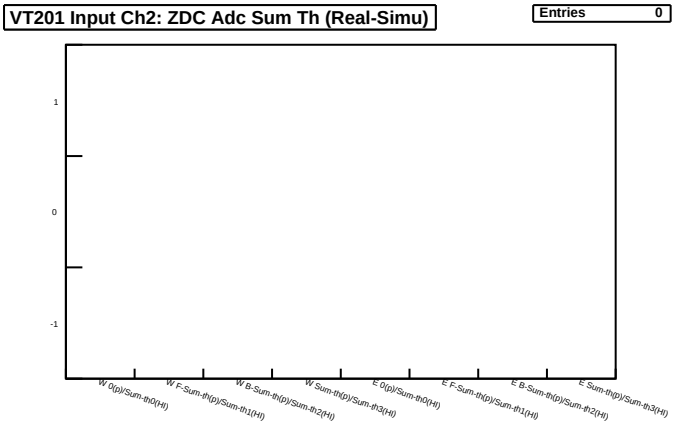

VT201 Input Ch1: EPD Hit Count Th
Entries 793400
391614
390219
5086
6481
East
West

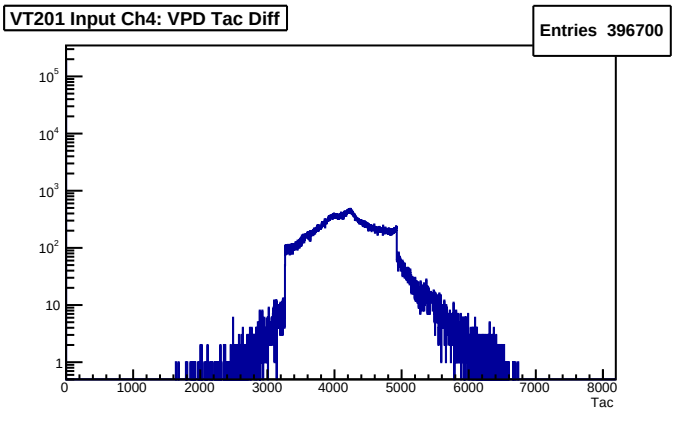

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

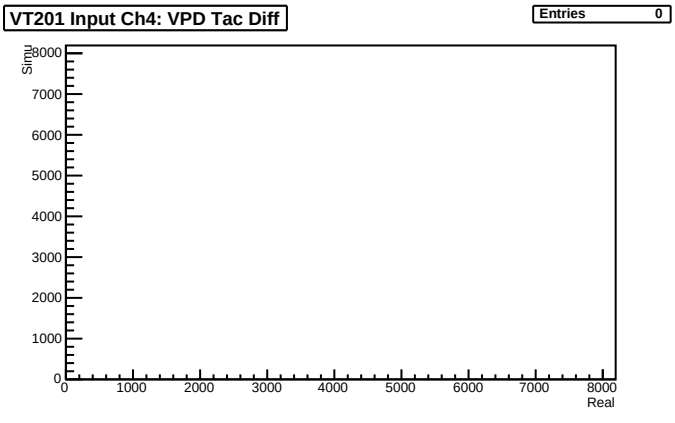

VT201 Input Ch2: ZDC Tac Diff
Entries 396700
Tac

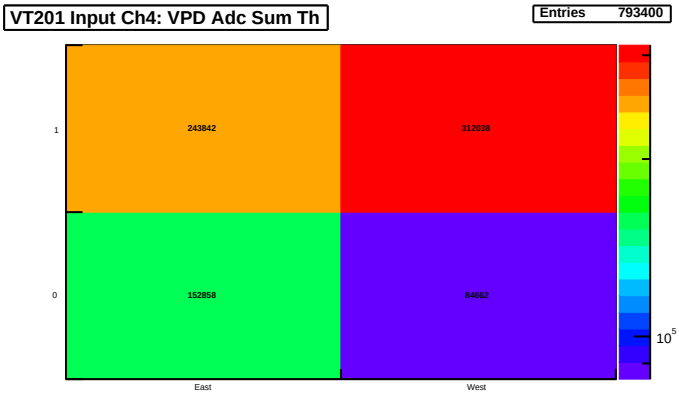

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

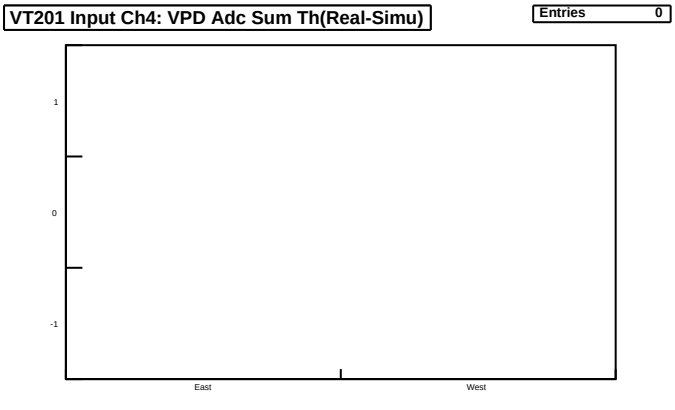

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3173600
11851
2944
17
15
10588
4193
56
46
384849
393756
396683
396685
386112
392507
396644
396654
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

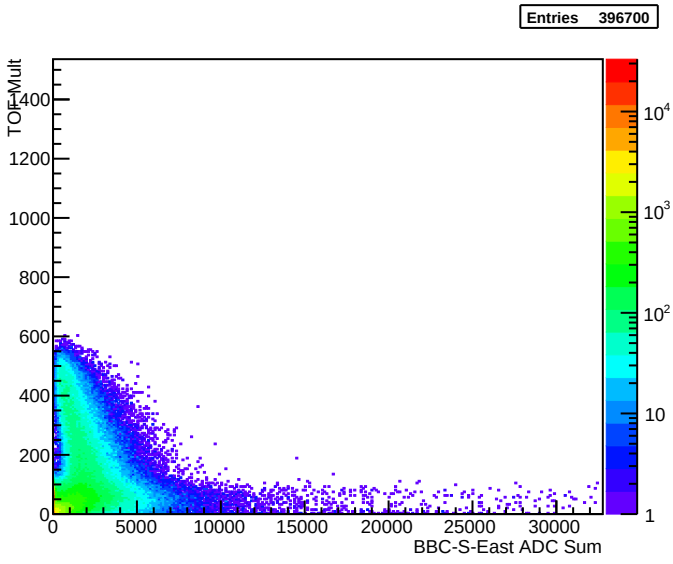

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

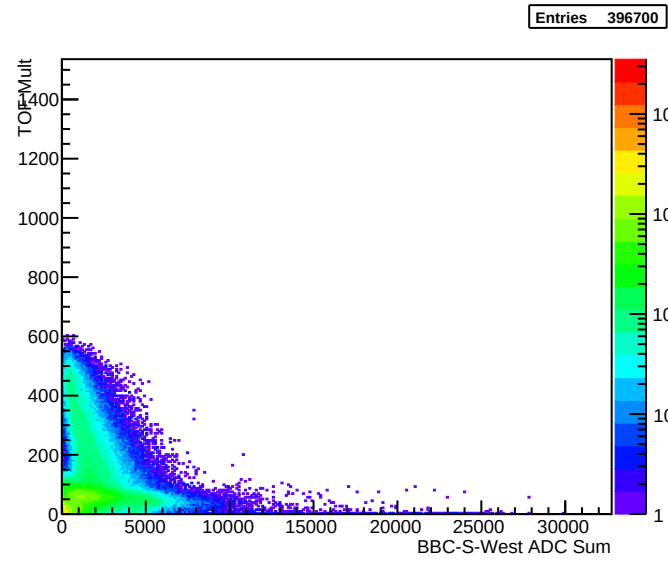

VT201 Input Ch4: VPD Tac Diff
Entries 396700
Tac

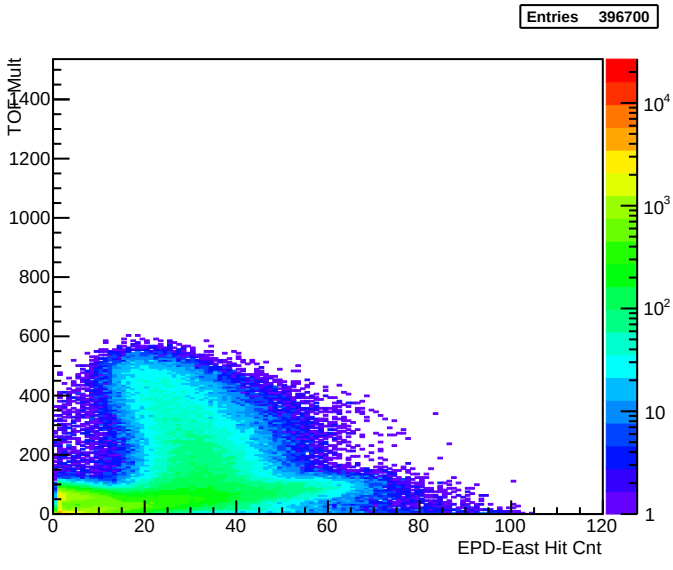

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

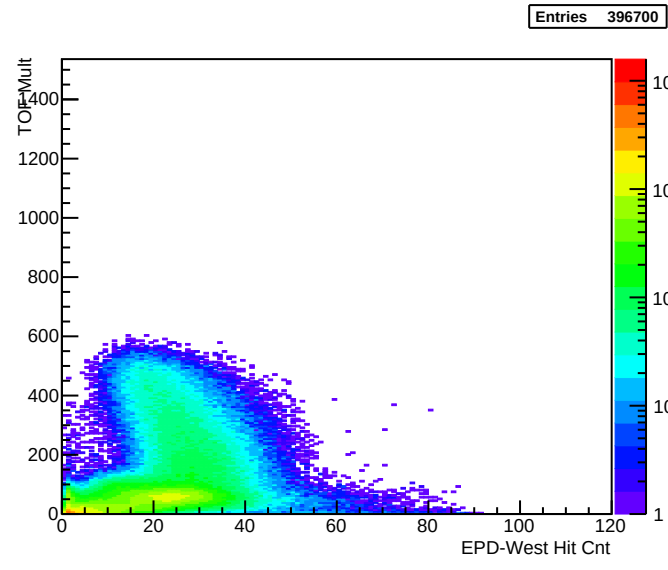

VT201 Input Ch4: VPD Adc Sum Th
Entries 793400
243842
312038
152858
84662
East
West

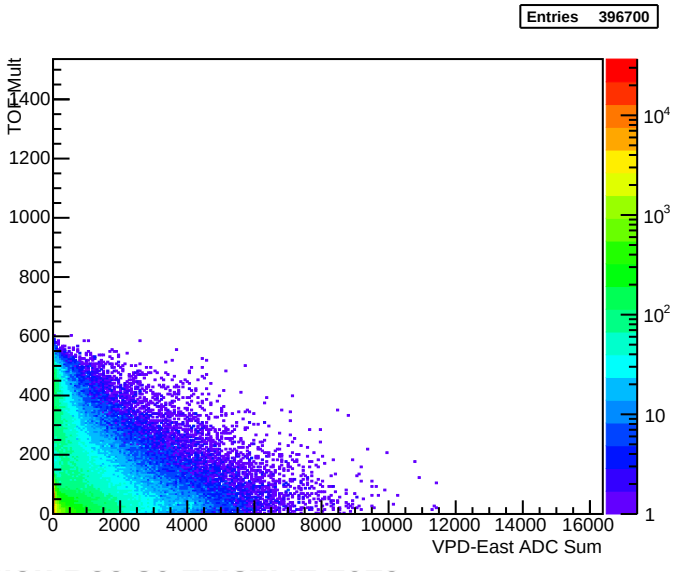

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

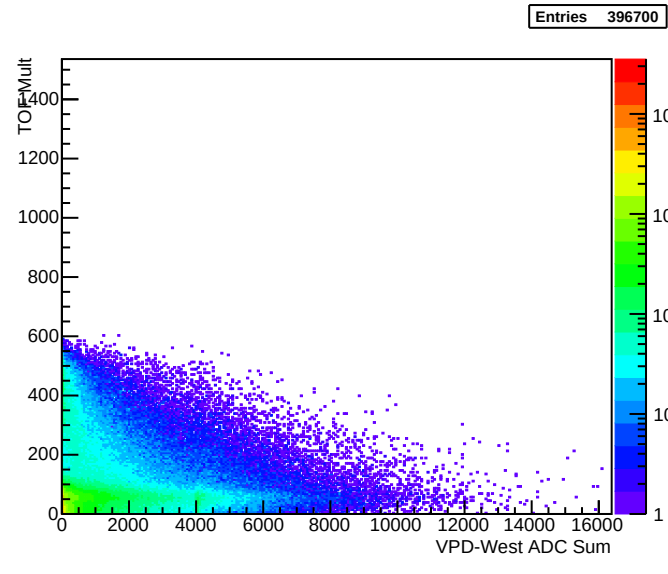

Entries 396700
TOF-Mult
BBC-S-East ADC Sum

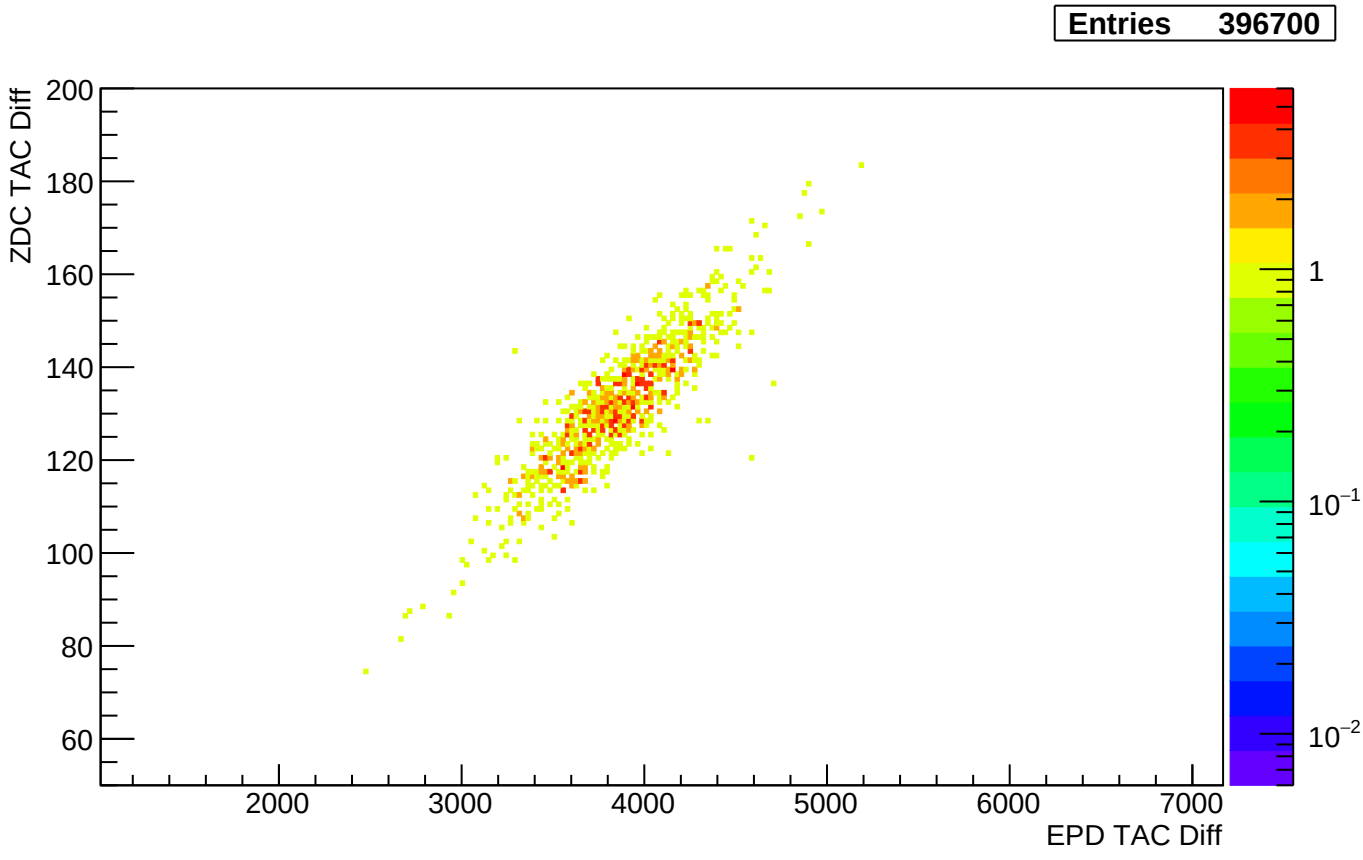

Entries 396700
TOF-Mult
BBC-S-West ADC Sum

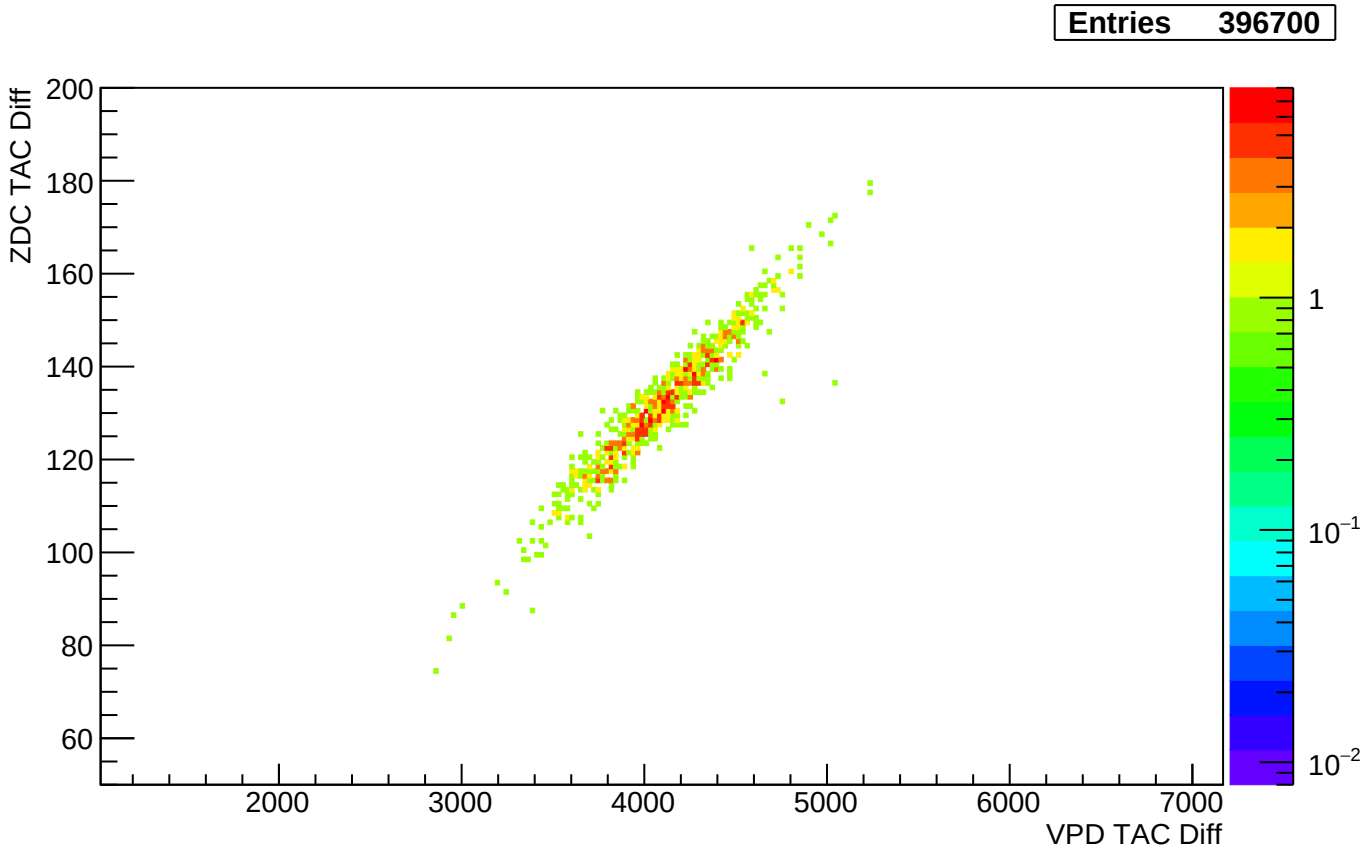

Entries 396700
TOF-Mult
EPD-East Hit Cnt

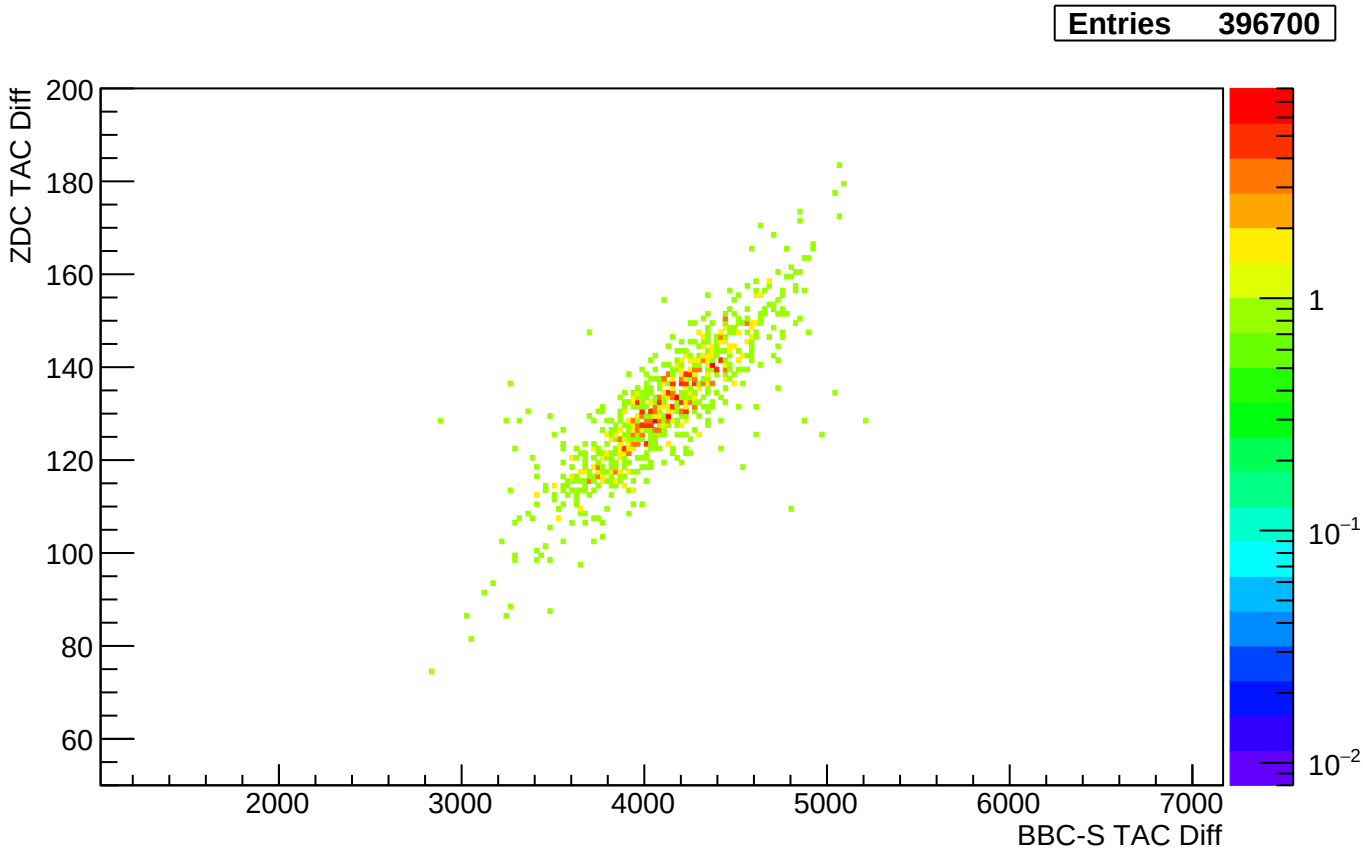

Entries 396700
TOF-Mult
EPD-West Hit Cnt

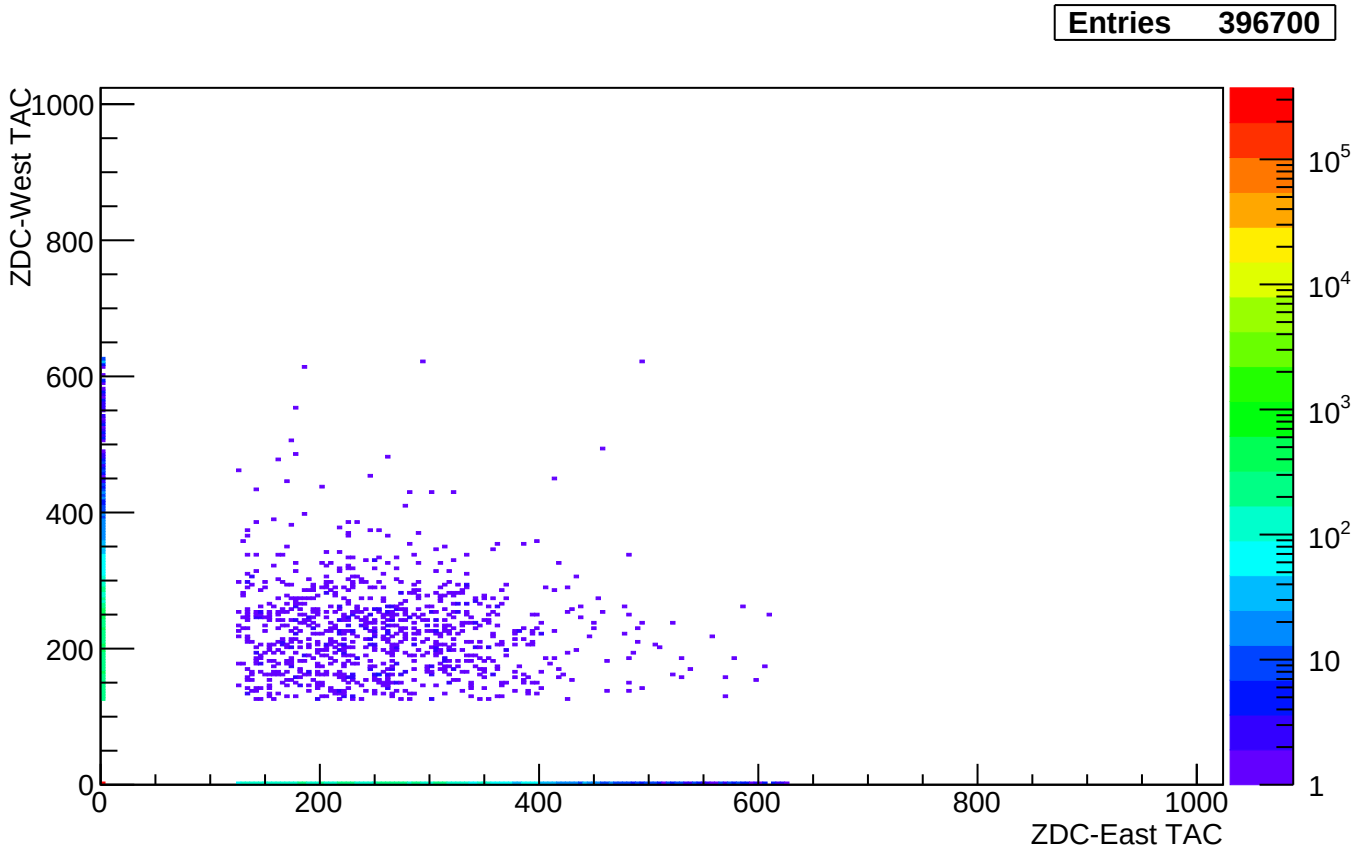

Entries 396700
TOF-Mult
VPD-East ADC Sum

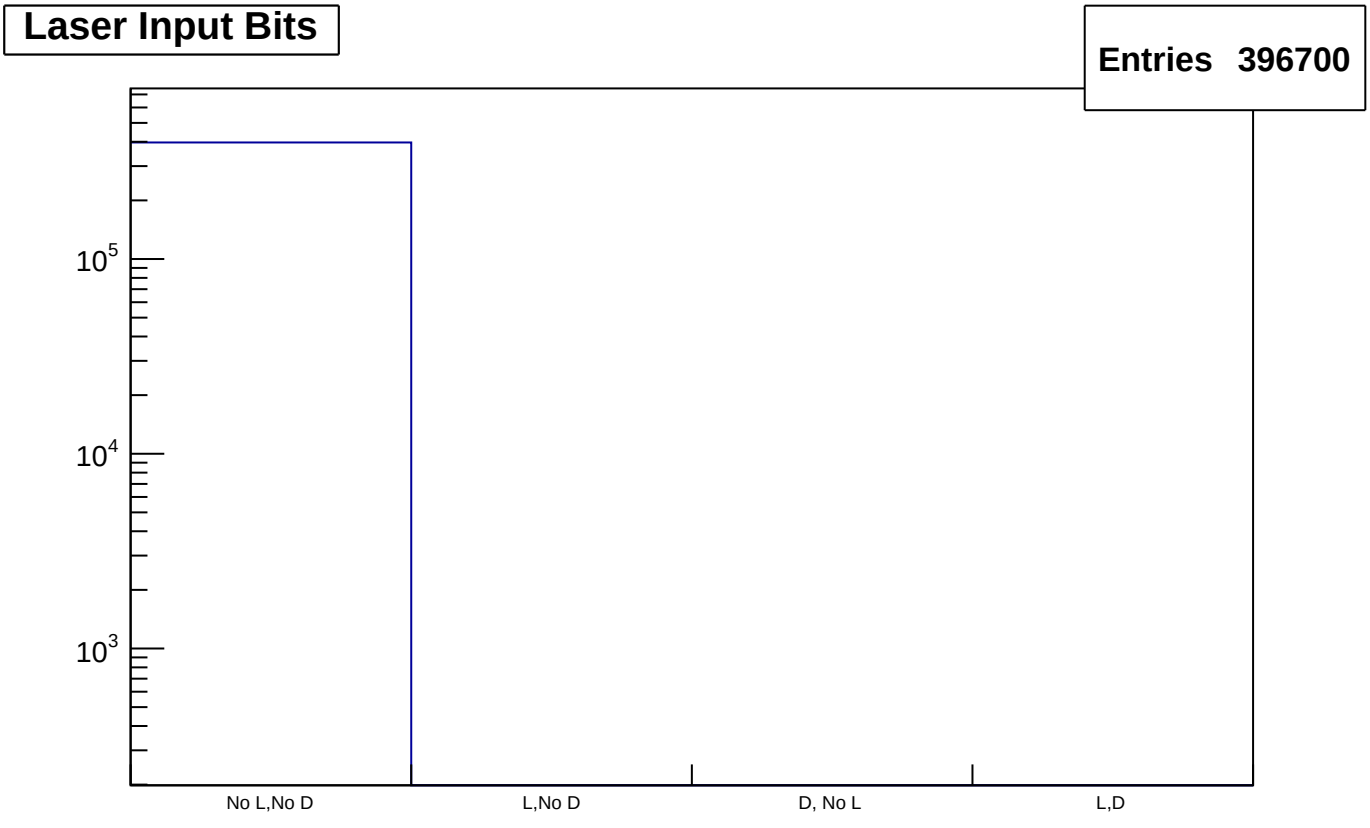

Entries 396700
TOF-Mult
VPD-West ADC Sum

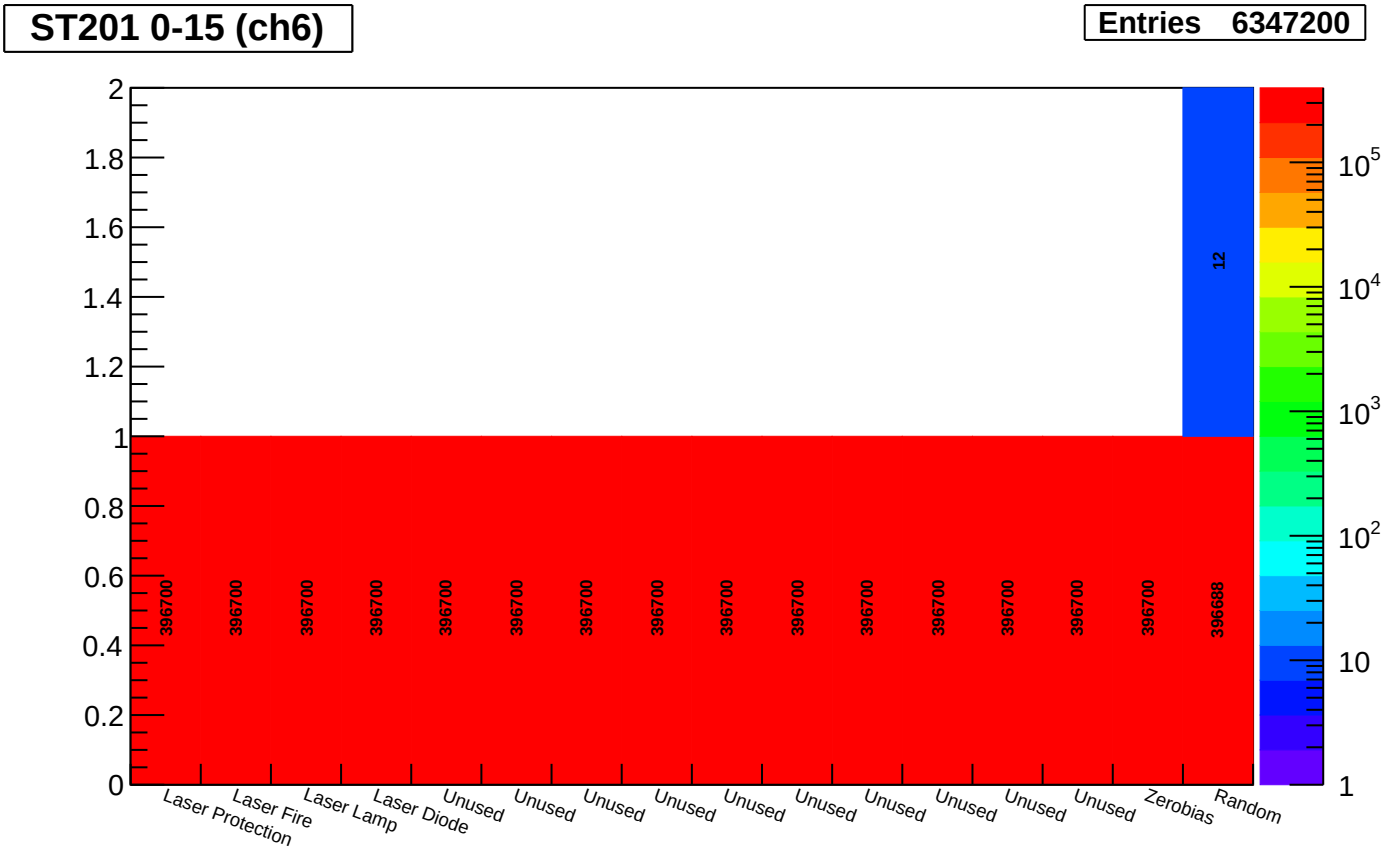

Entries 396700
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

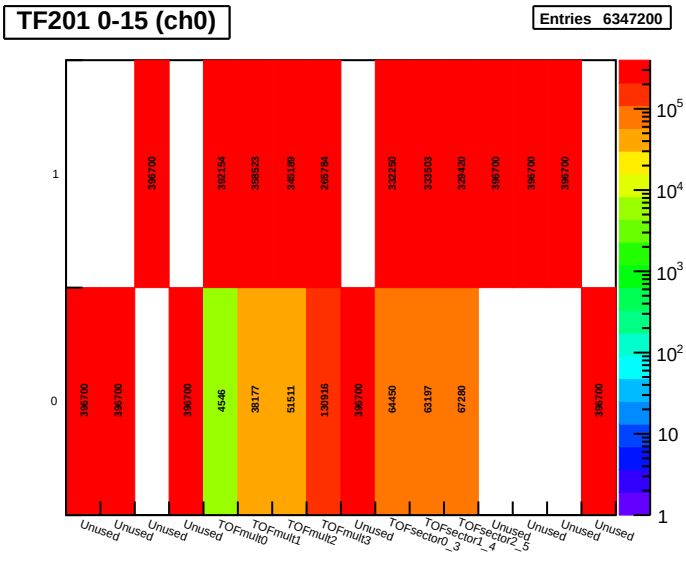

Entries 396700
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

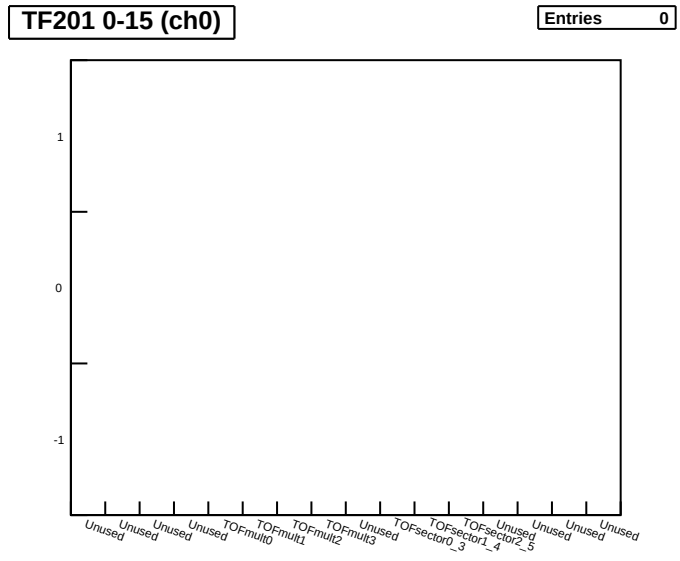

Entries 396700
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

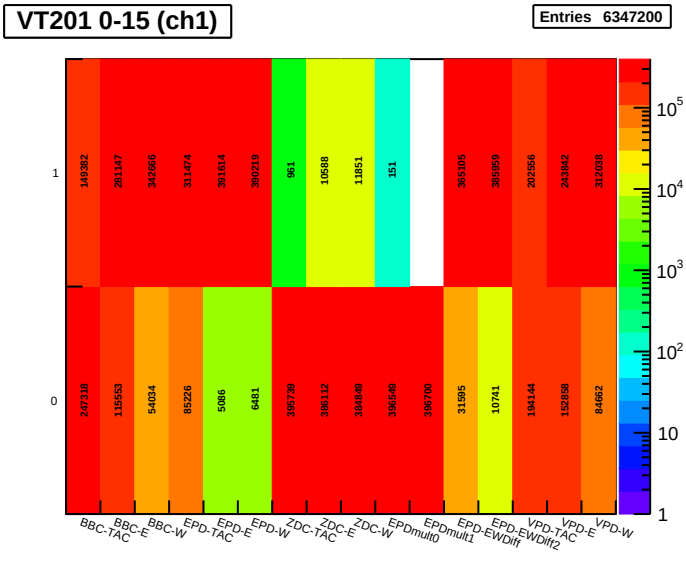

Entries 396700
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

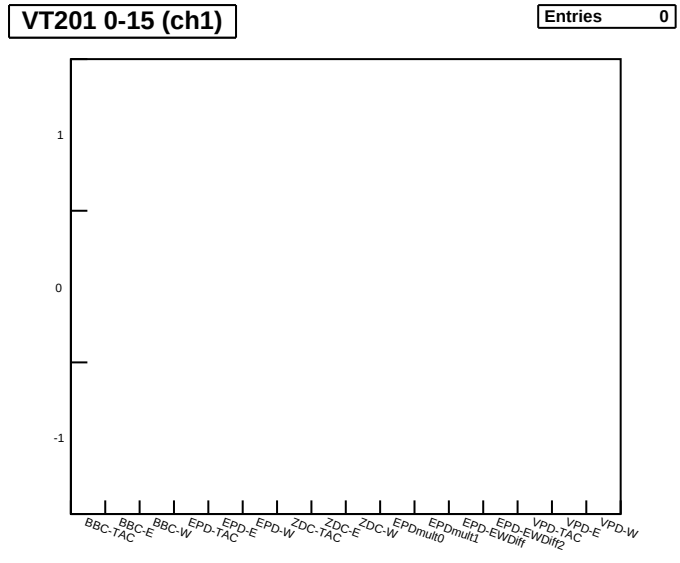

Laser Input Bits
Entries 396700
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

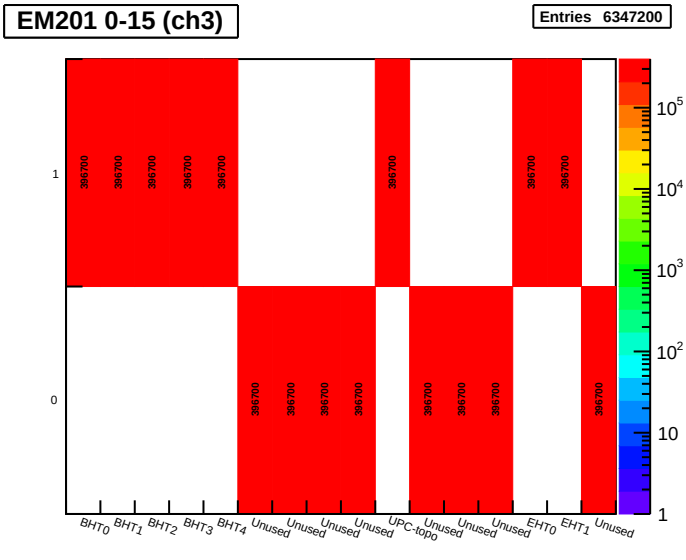

ST201 0-15 (ch6)
Entries 6347200
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
396700
396688
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

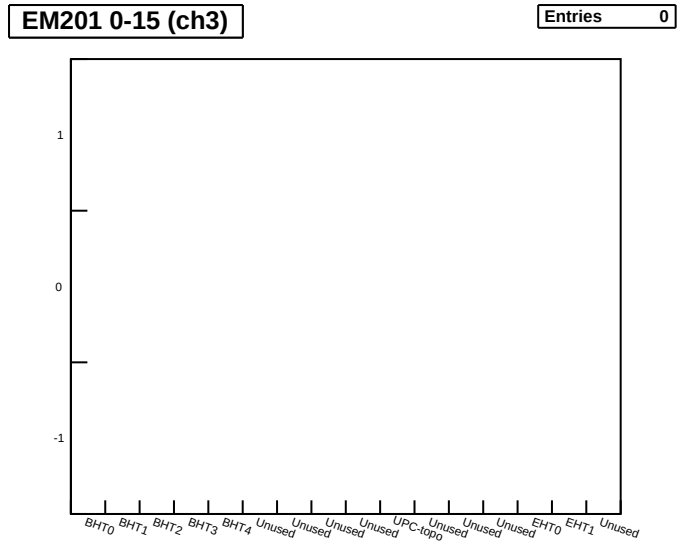

TF201 0-15 (ch0)
Entries 6347200
1
0
396700
392154
338523
345189
265784
332250
333503
329420
396700
396700
396700
396700
396700
396700
4546
38177
51511
130916
64450
63197
67280
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6347200
1
0
149352
281147
342666
311474
391614
390219
961
10598
11851
151
365105
385959
202556
243842
312038
247318
115553
54034
85226
5086
6481
395739
388112
384849
396549
396700
31595
10741
194144
152858
84662
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 6347200
1
0
396700
396700
396700
396700
396700
396700
396700
396700
396700
396700
396700
396700
396700
396700
396700
396700
396700
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1