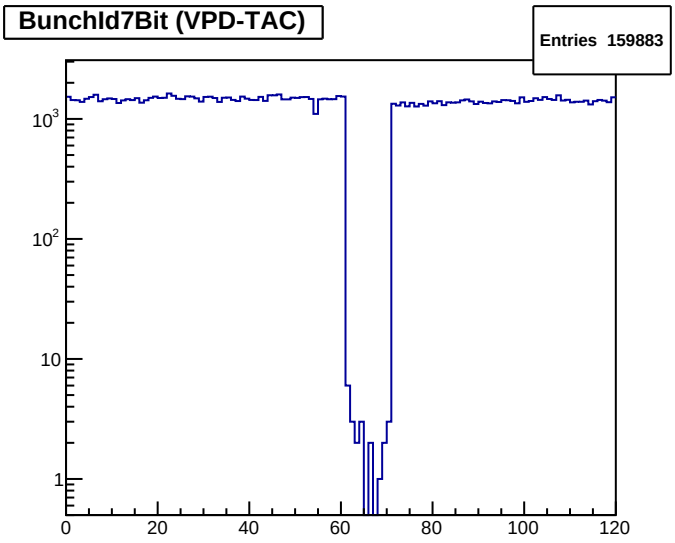
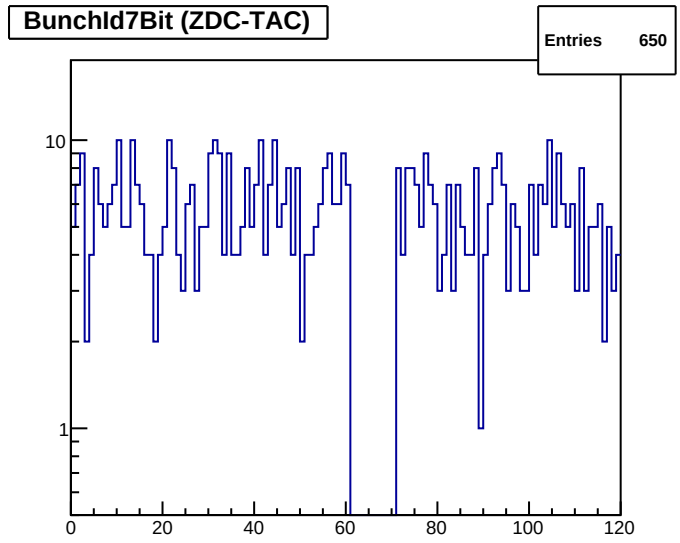
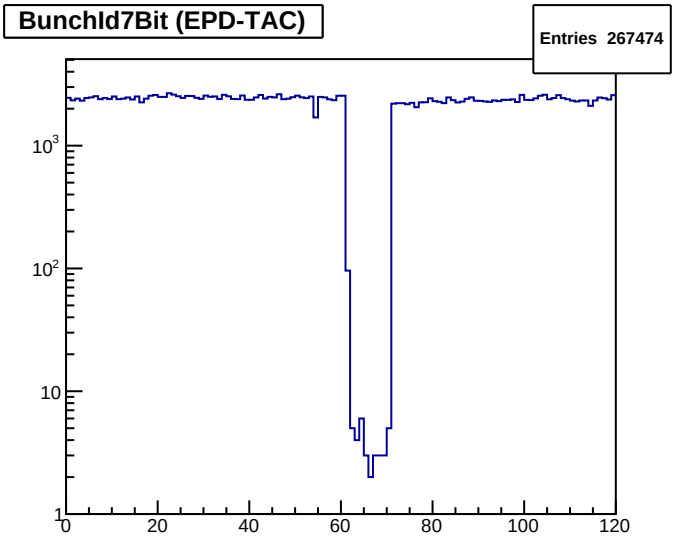
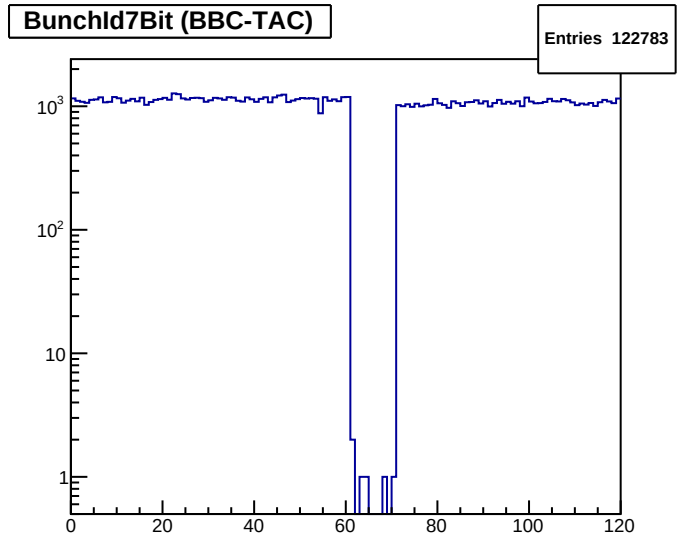
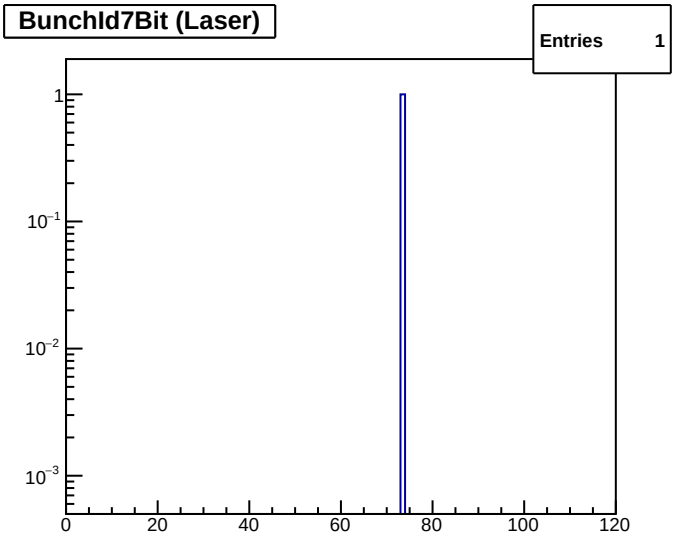
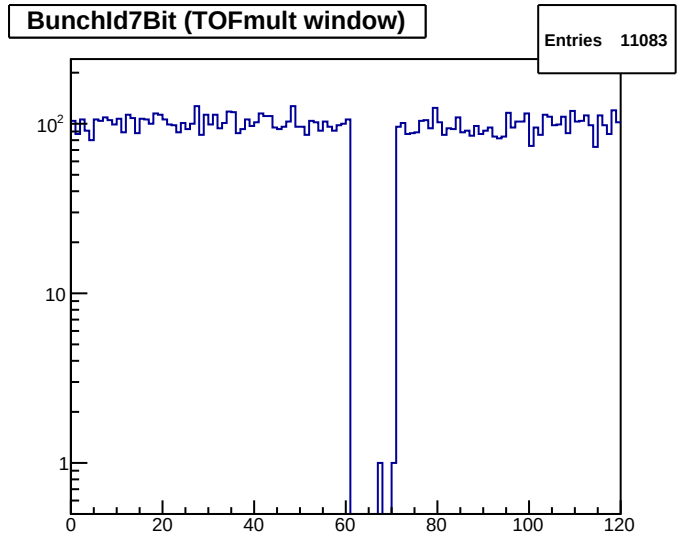

BunchId7Bit (VPD-TAC)
Entries 159883

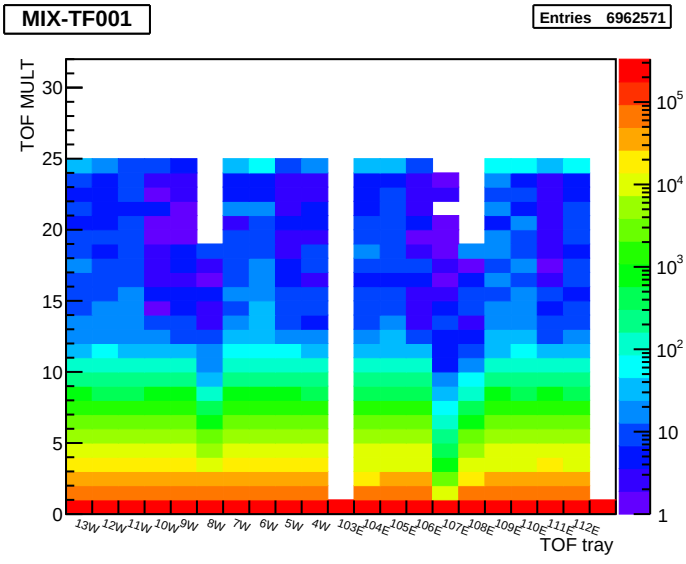

BunchId7Bit (ZDC-TAC)
Entries 650

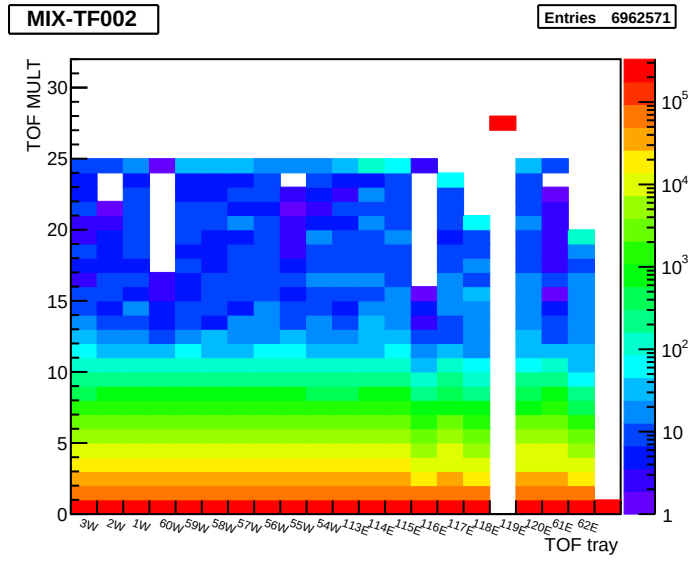

BunchId7Bit (EPD-TAC)
Entries 267474

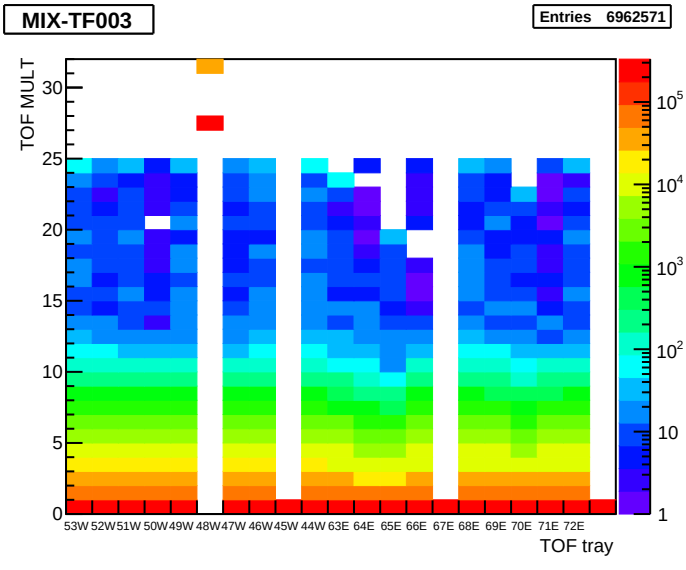

BunchId7Bit (BBC-TAC)
Entries 122783

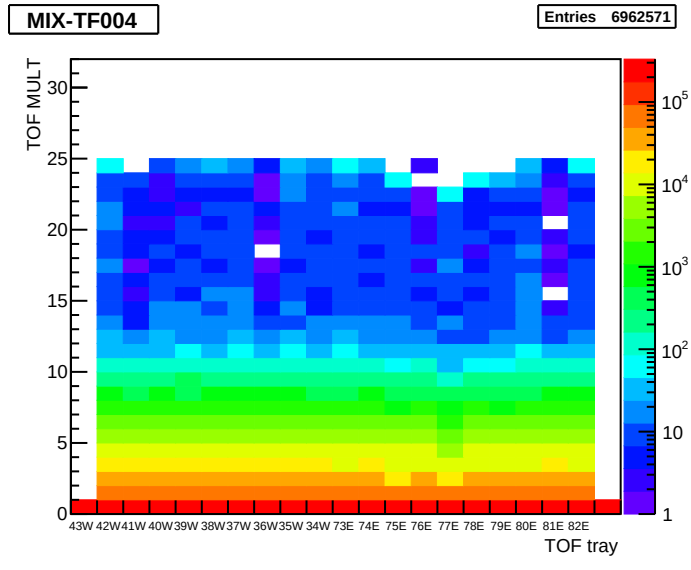

BunchId7Bit (Laser)
Entries 1

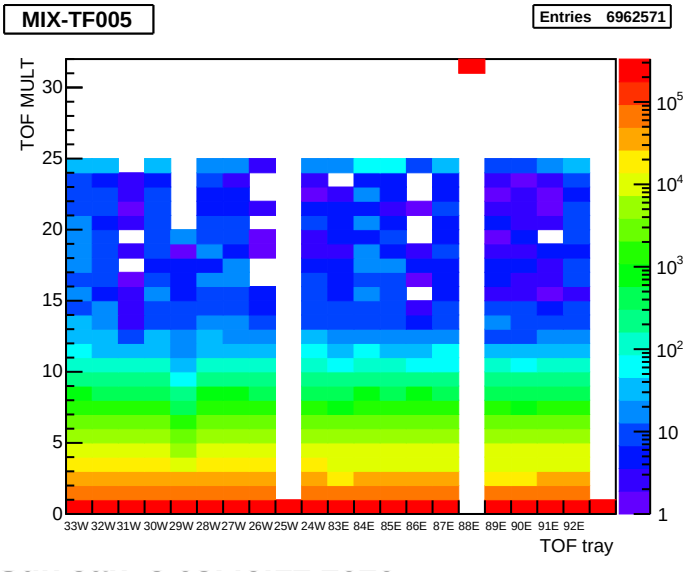

BunchId7Bit (TOFmult window)
Entries 11083

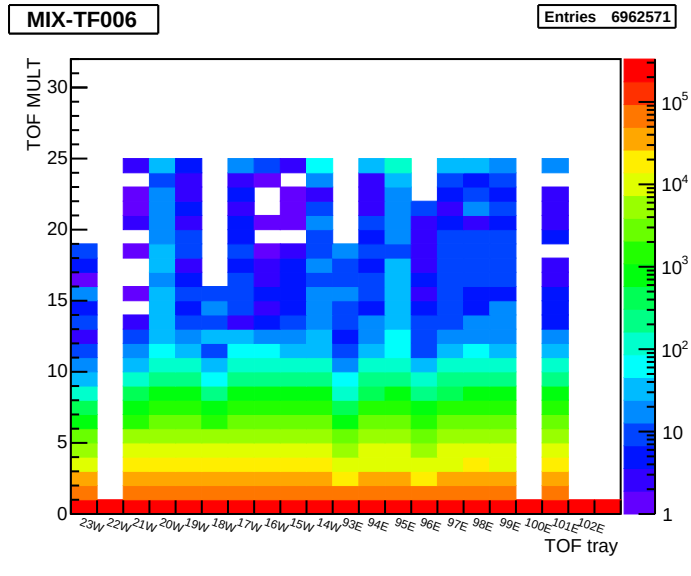

MIX-TF001
Entries 6962571
TOF MULT
TOF tray

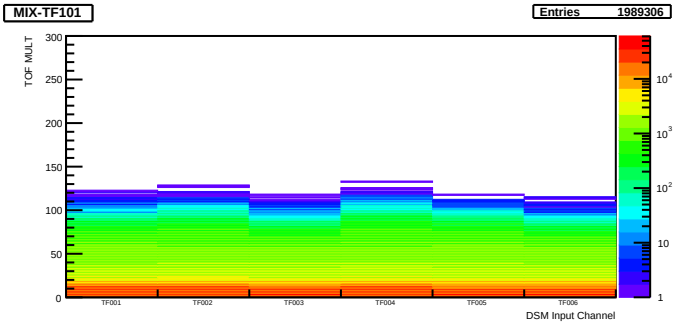

MIX-TF002
Entries 6962571
TOF MULT
TOF tray

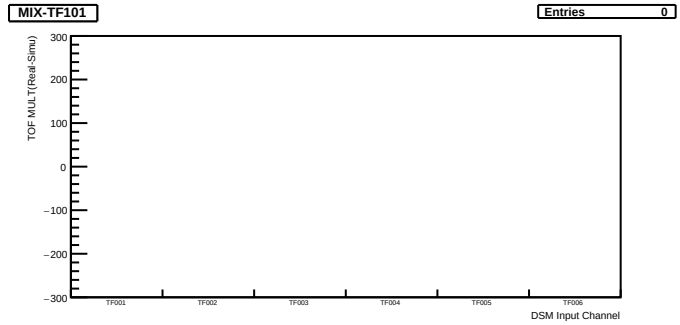

MIX-TF003
Entries 6962571
TOF MULT
TOF tray

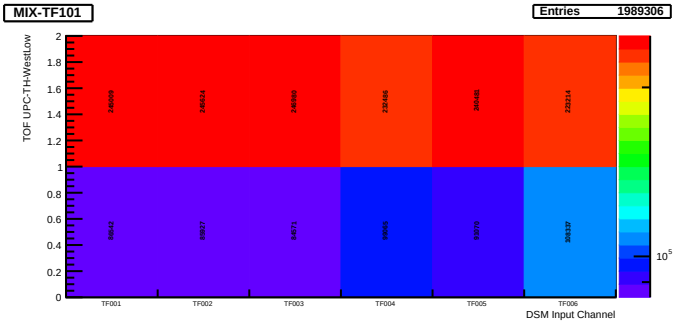

MIX-TF004
Entries 6962571
TOF MULT
TOF tray

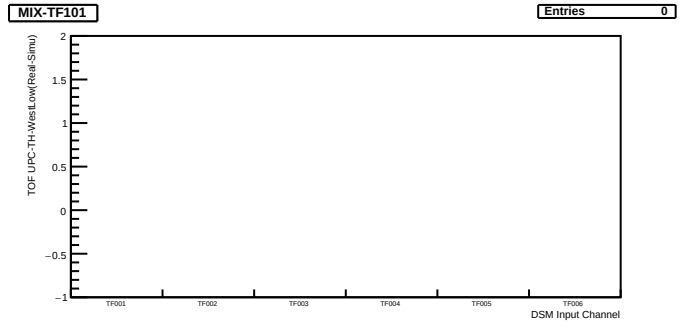

MIX-TF005
Entries 6962571
TOF MULT
TOF tray

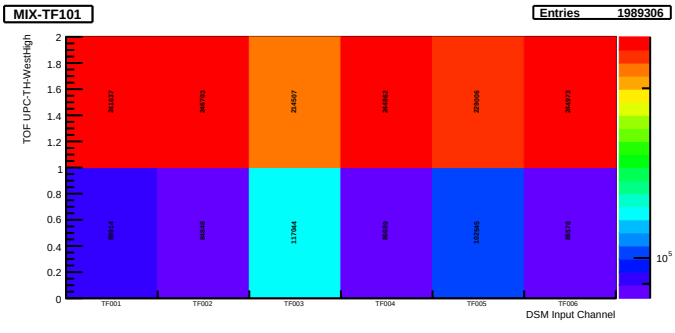

MIX-TF006
Entries 6962571
TOF MULT
TOF tray

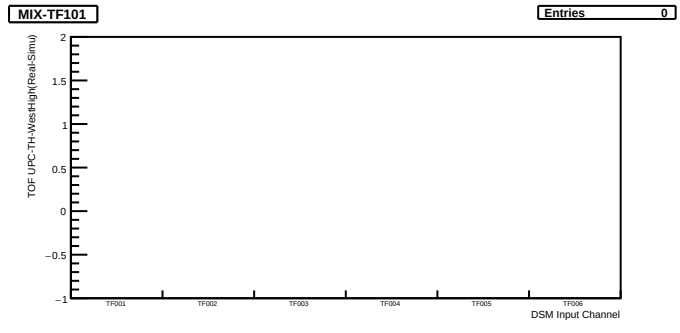

MIX-TF101
Entries 1989306
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

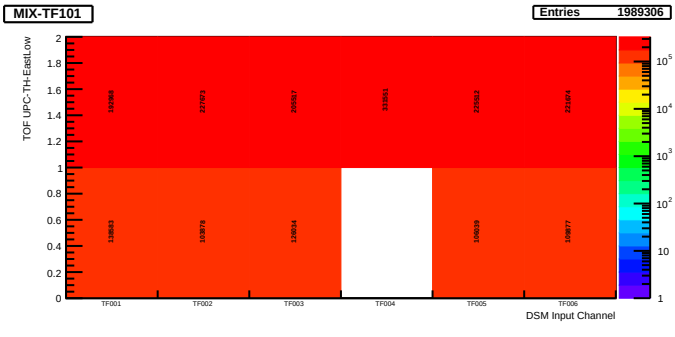

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

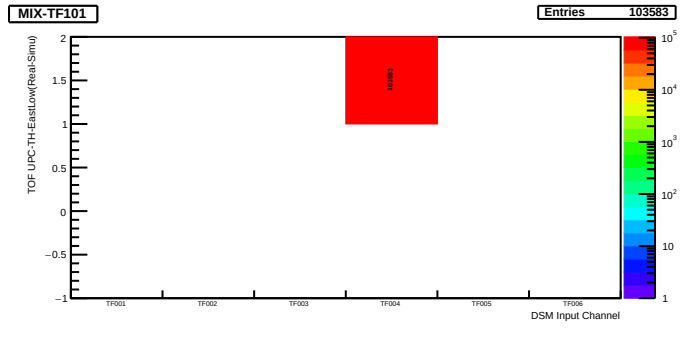

MIX-TF101
Entries 1989306
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

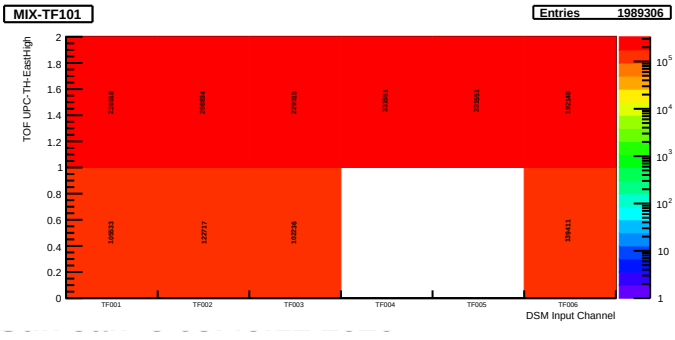

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

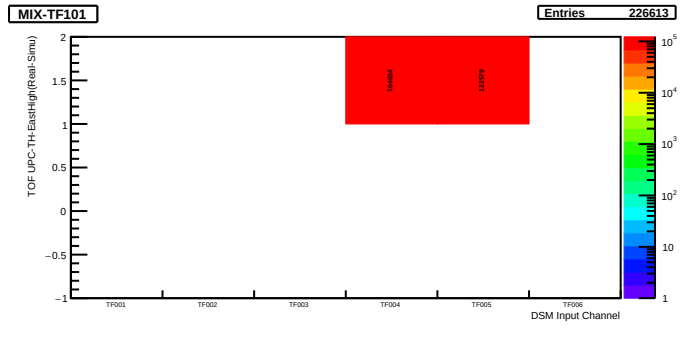

MIX-TF101
Entries 1989306
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

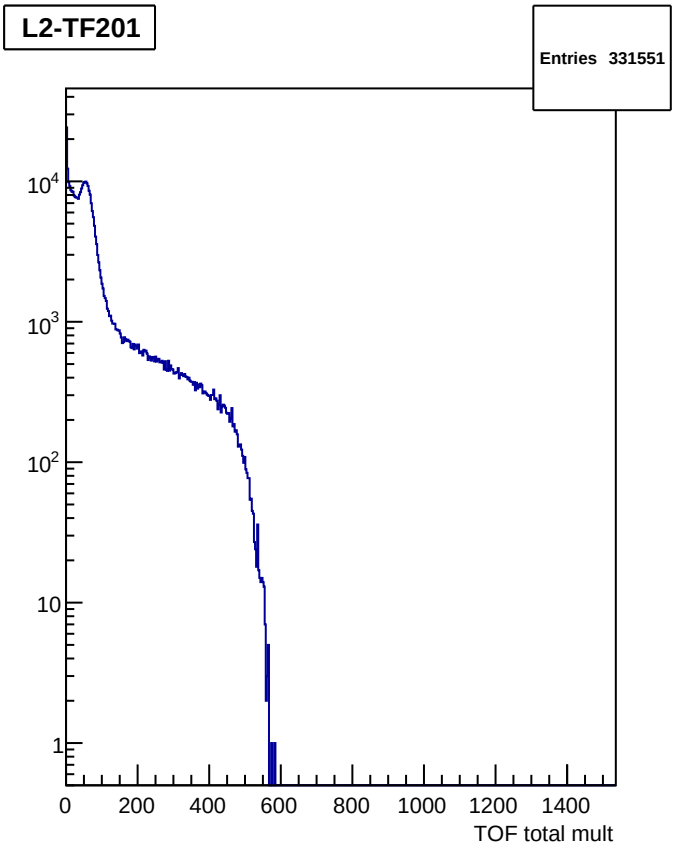

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

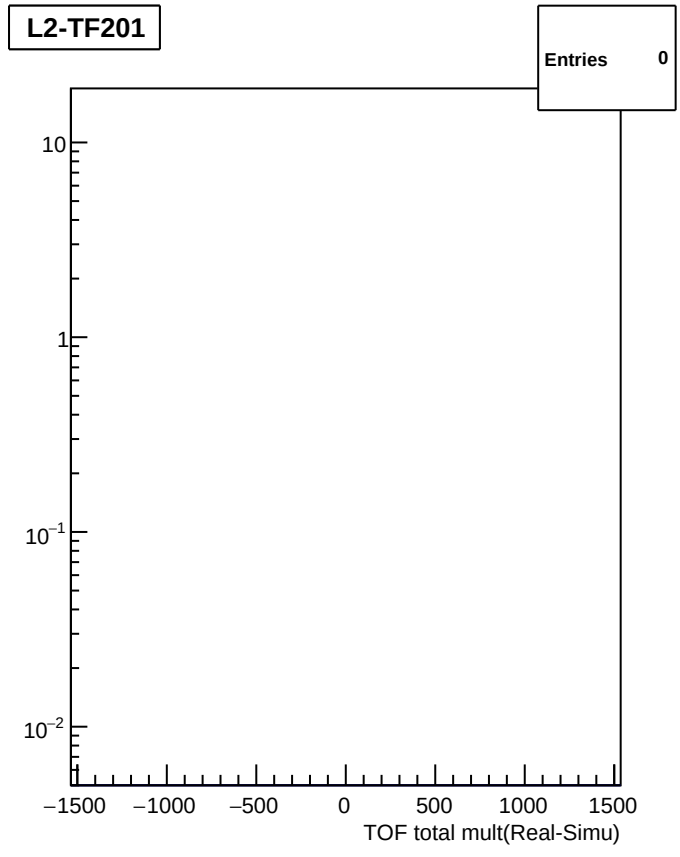

MIX-TF101
Entries 1989306
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

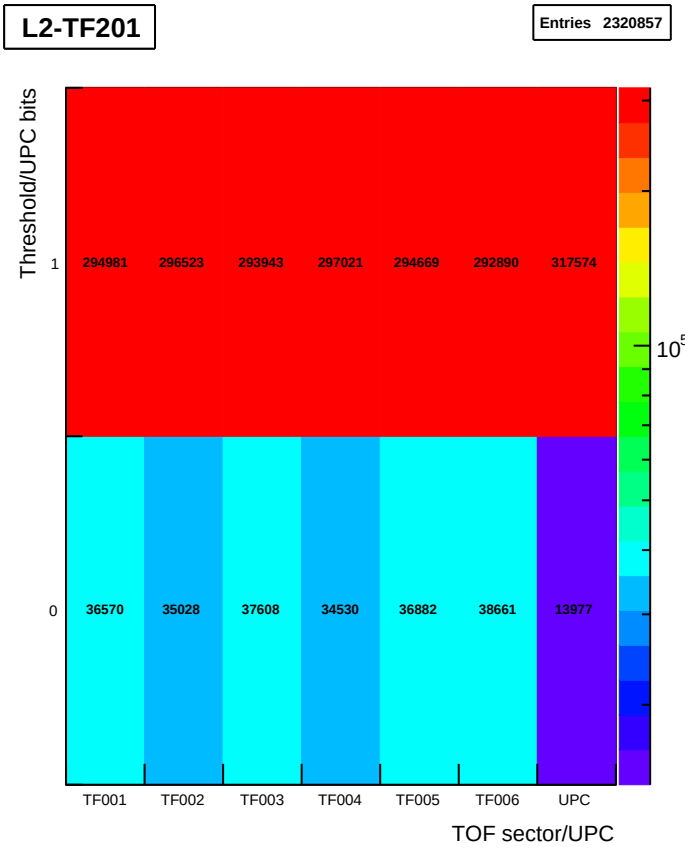

MIX-TF101
Entries 103583
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

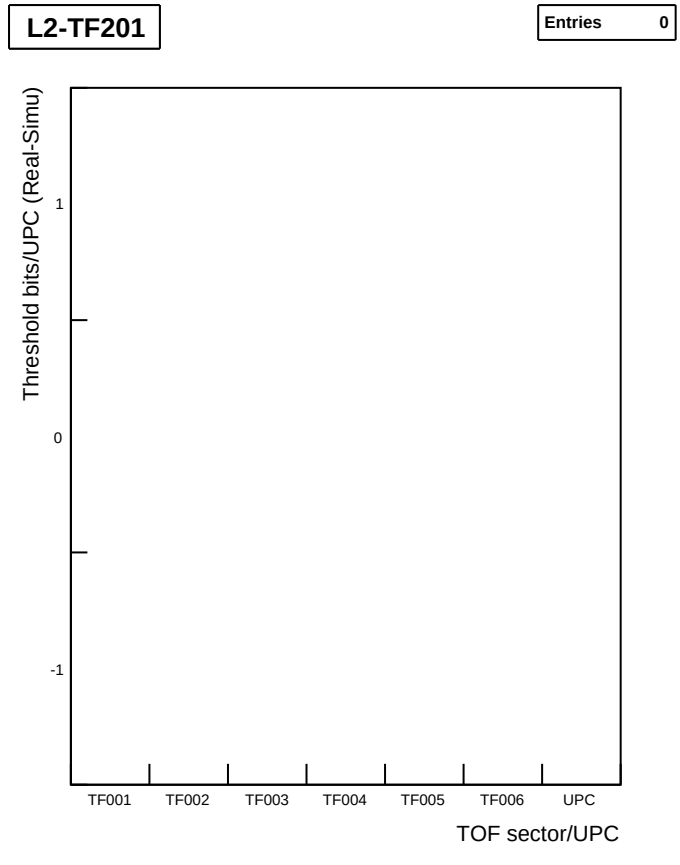

MIX-TF101
Entries 1989306
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

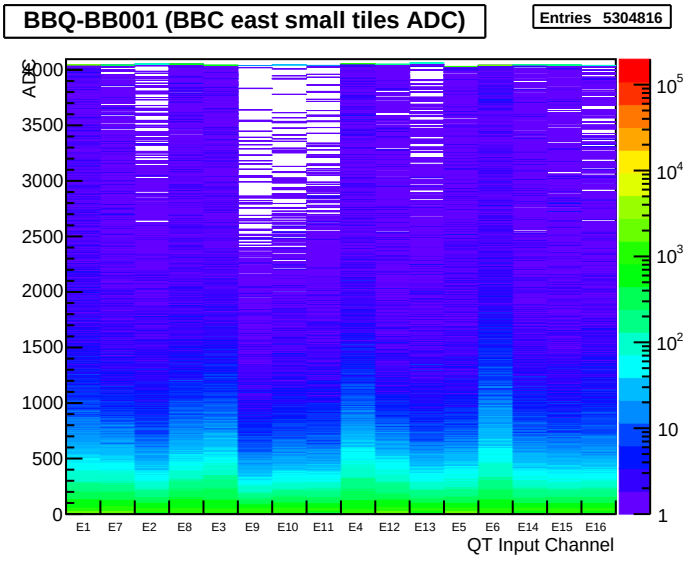

MIX-TF101
Entries 226613
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

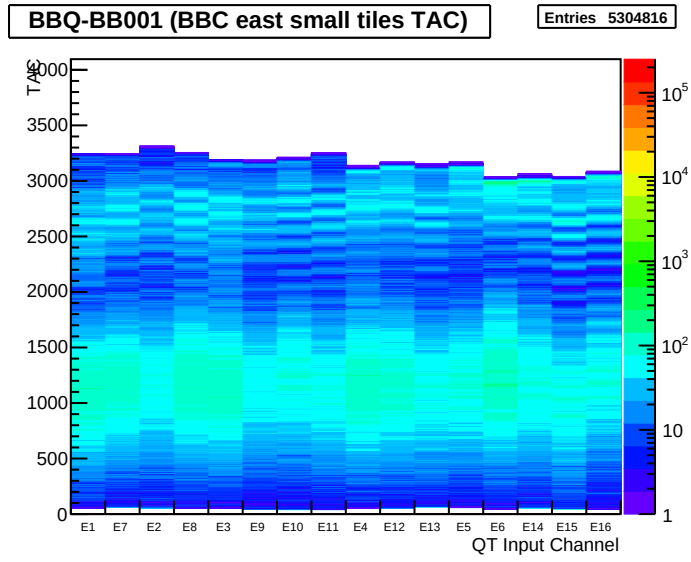

L2-TF201
Entries 331551
TOF total mult

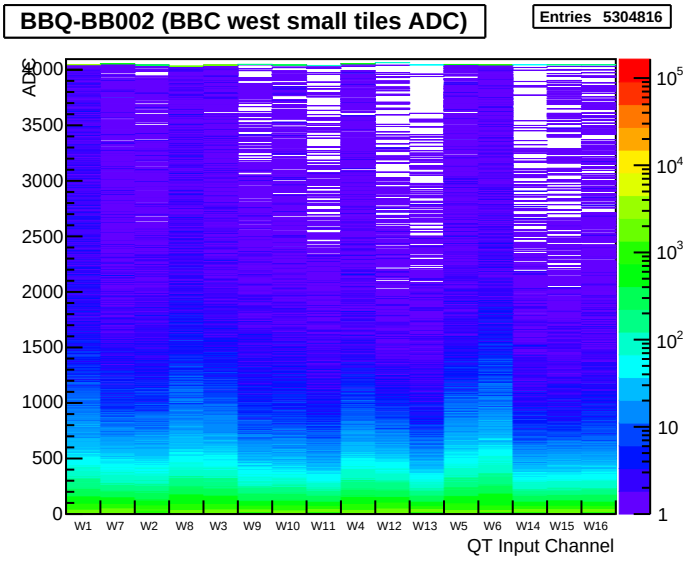

L2-TF201
Entries 0
TOF total mult(Real-Simu)

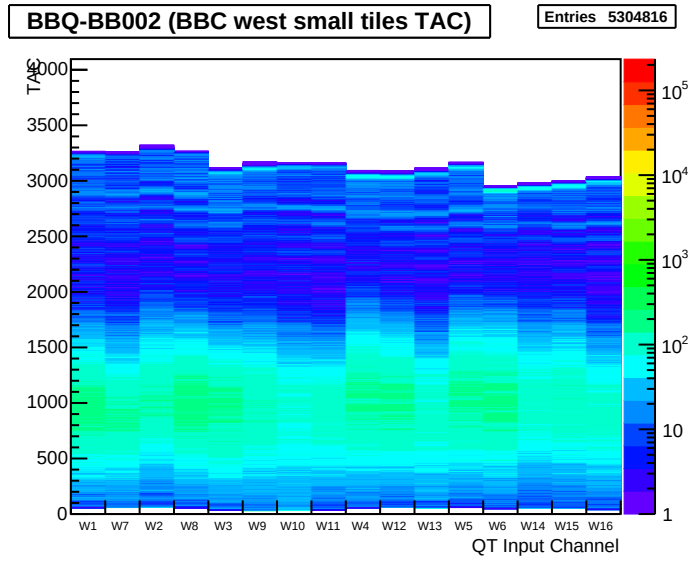

L2-TF201
Entries 2320857
Threshold/UPC bits
294981
296523
293943
297021
294669
292890
317574
36570
35028
37608
34530
36882
38661
13977
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

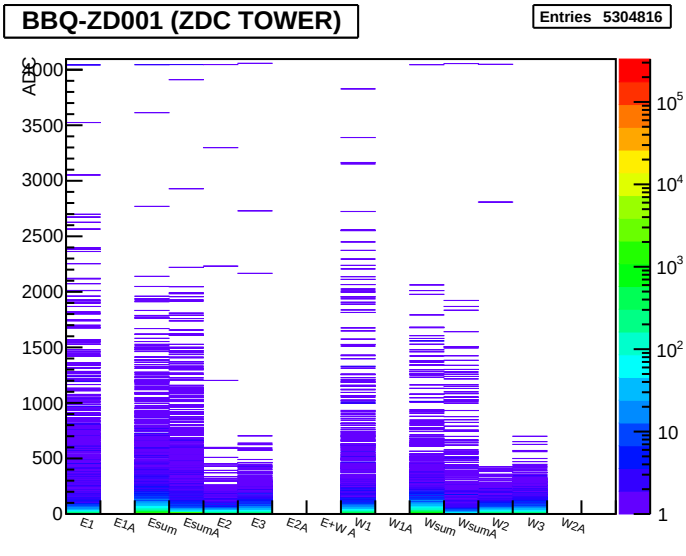

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

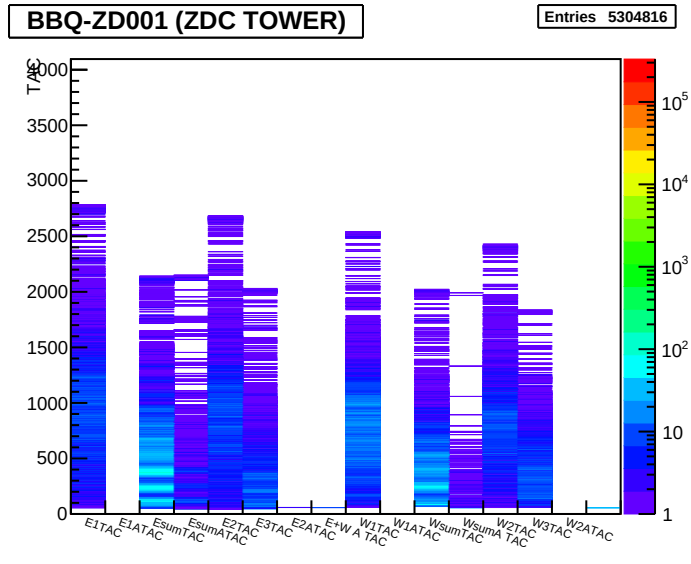

BBQ-BB001 (BBC east small tiles ADC)
Entries 5304816
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

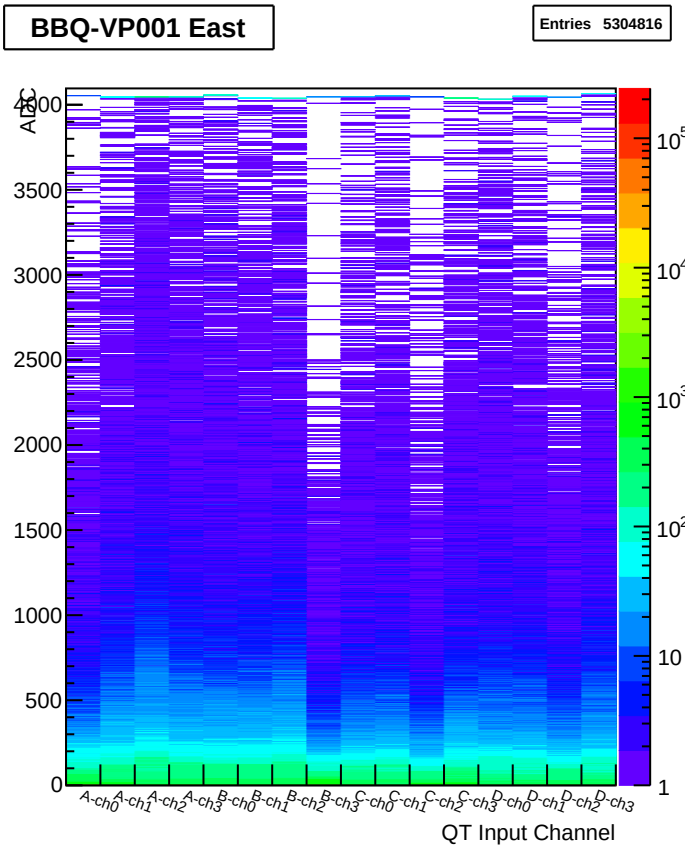

BBQ-BB001 (BBC east small tiles TAC)
Entries 5304816
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

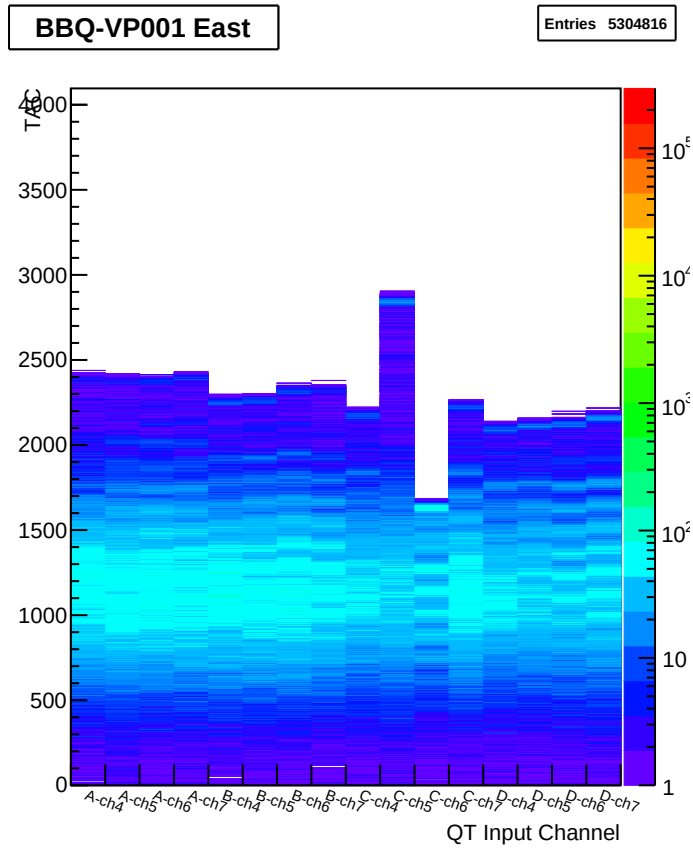

BBQ-BB002 (BBC west small tiles ADC)
Entries 5304816
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

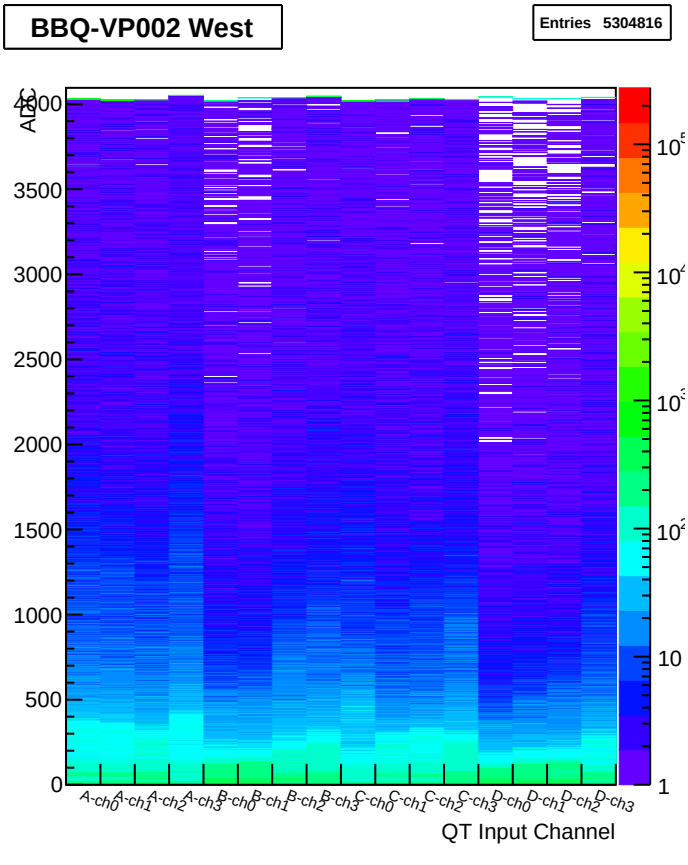

BBQ-BB002 (BBC west small tiles TAC)
Entries 5304816
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

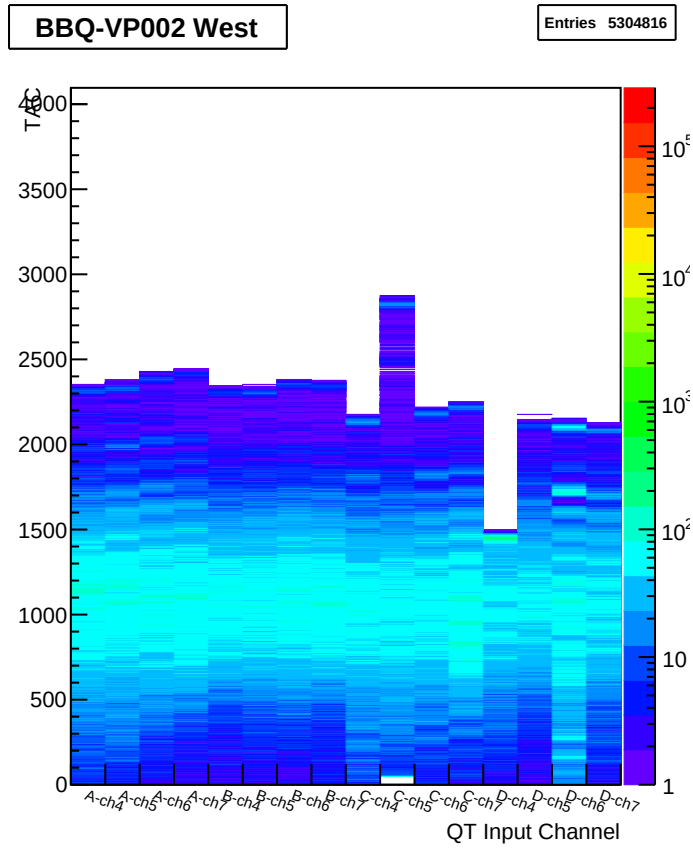

BBQ-ZD001 (ZDC TOWER)
Entries 5304816
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

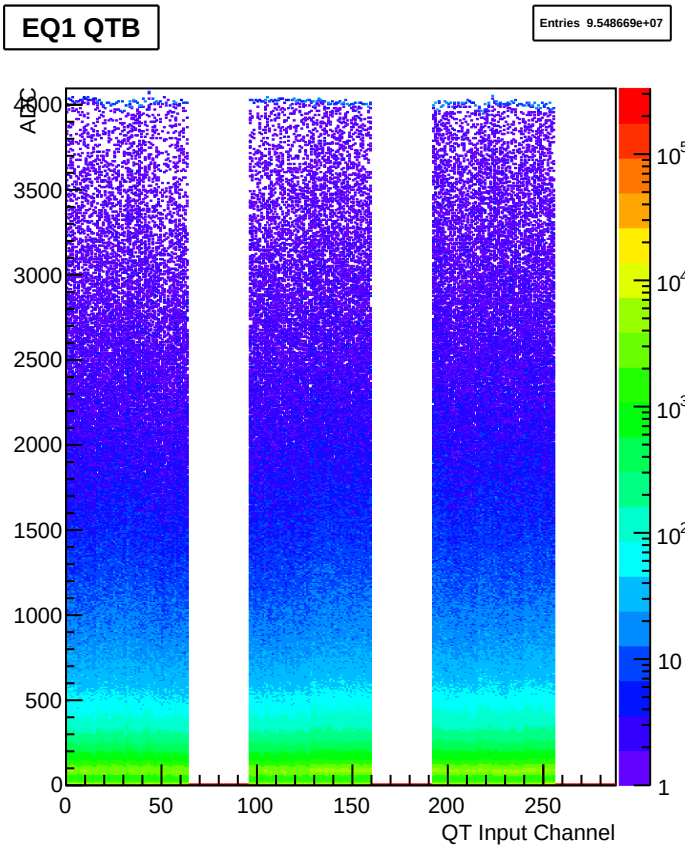

BBQ-ZD001 (ZDC TOWER)
Entries 5304816
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

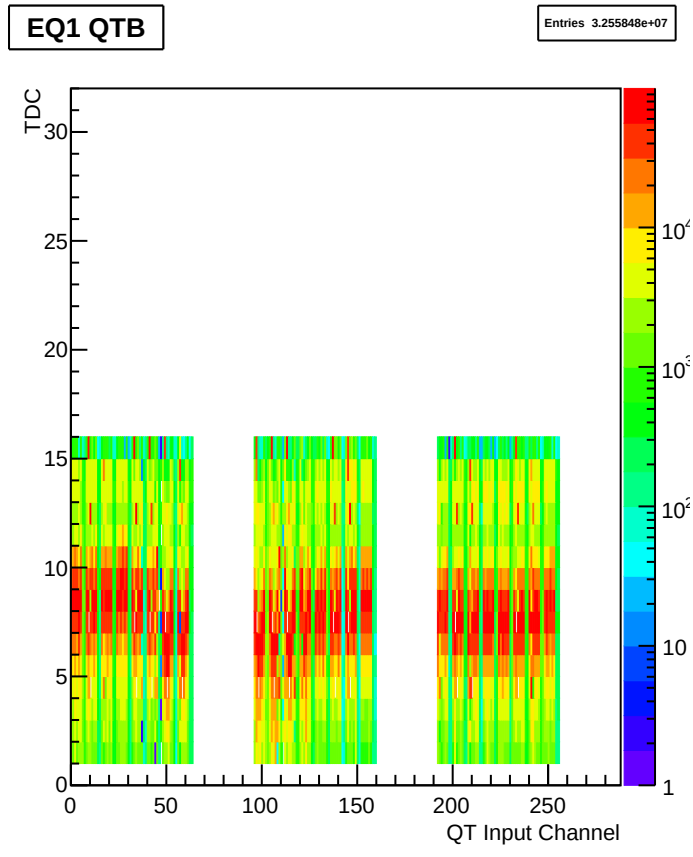

BBQ-VP001 East
Entries 5304816
ADC
QT Input Channel

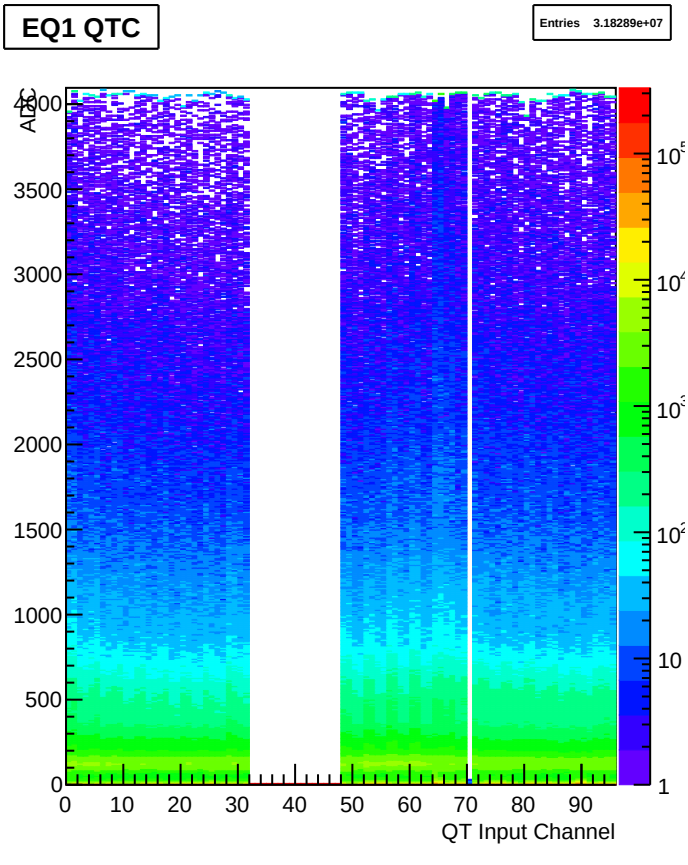

BBQ-VP001 East
Entries 5304816
TADC
QT Input Channel

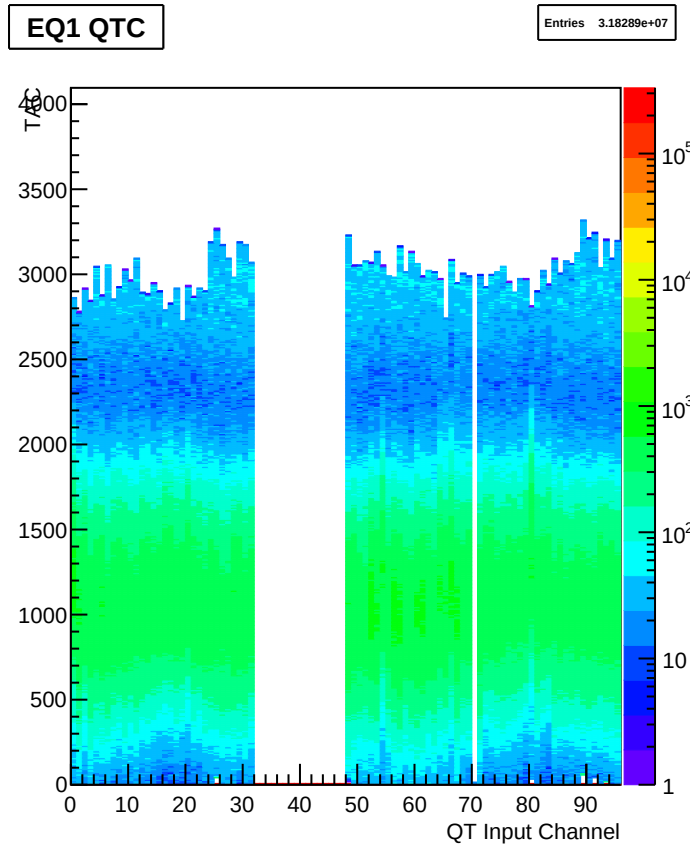

BBQ-VP002 West
Entries 5304816
ADC
QT Input Channel

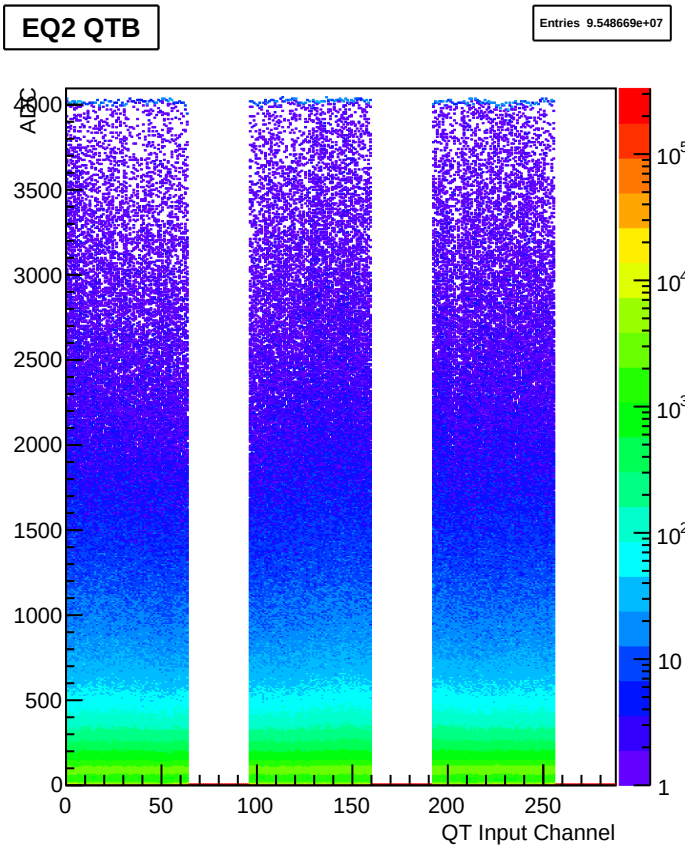

BBQ-VP002 West
Entries 5304816
TADC
QT Input Channel

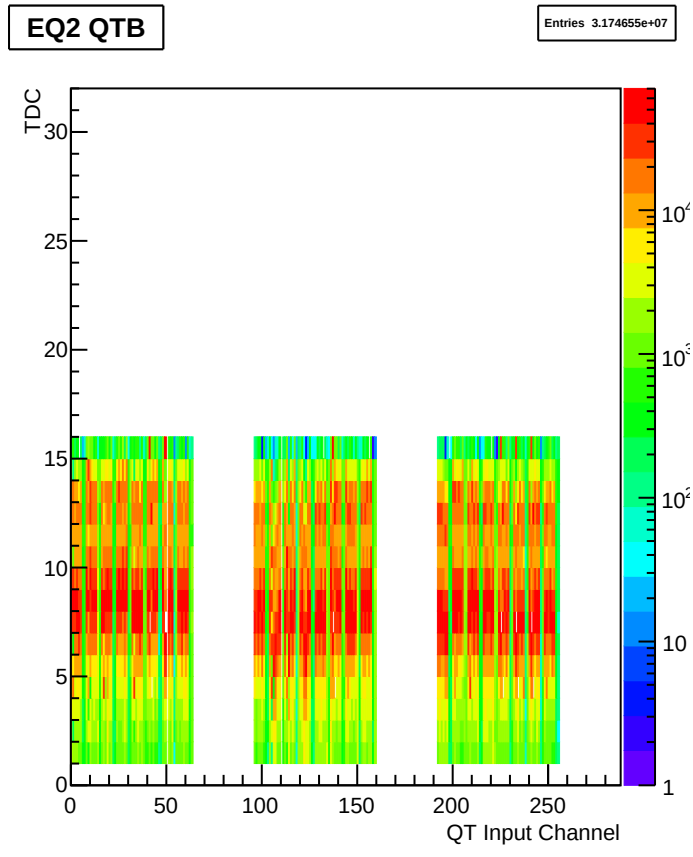

EQ1 QTB
Entries 9.548669e+07
ADC
QT Input Channel

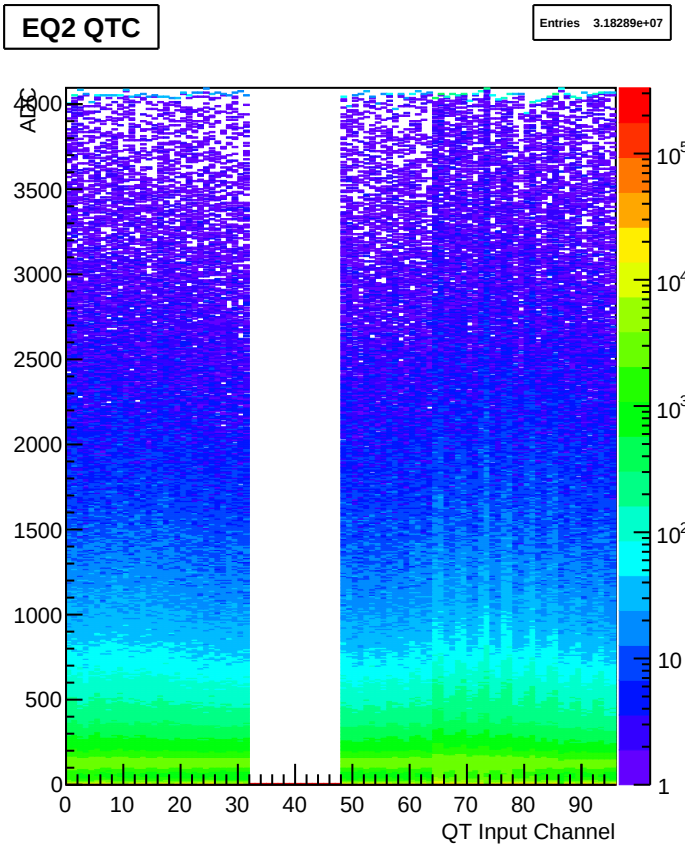

EQ1 QTB
Entries 3.255848e+07
TDC
QT Input Channel

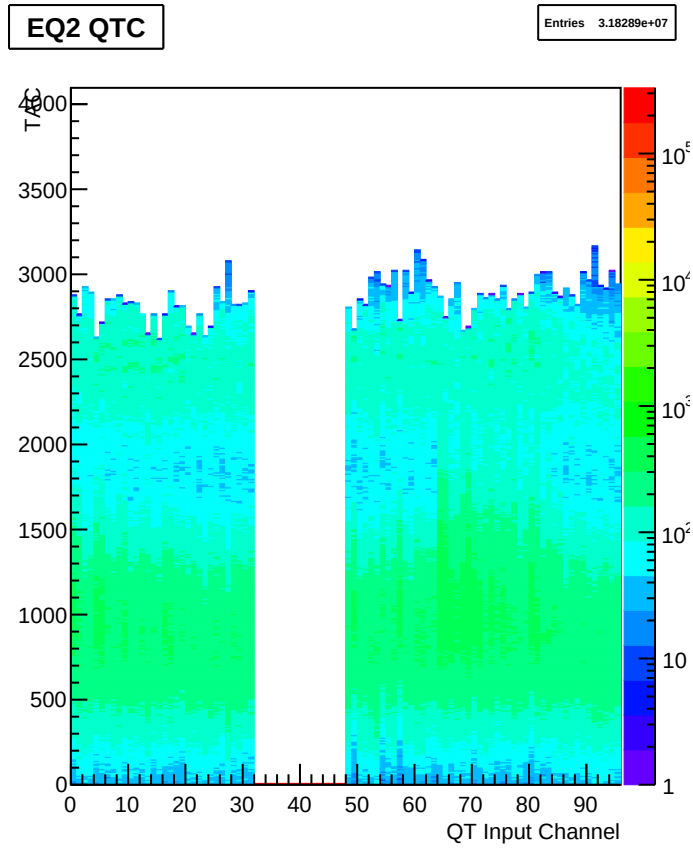

EQ1 QTC
Entries 3.18289e+07
ADC
QT Input Channel

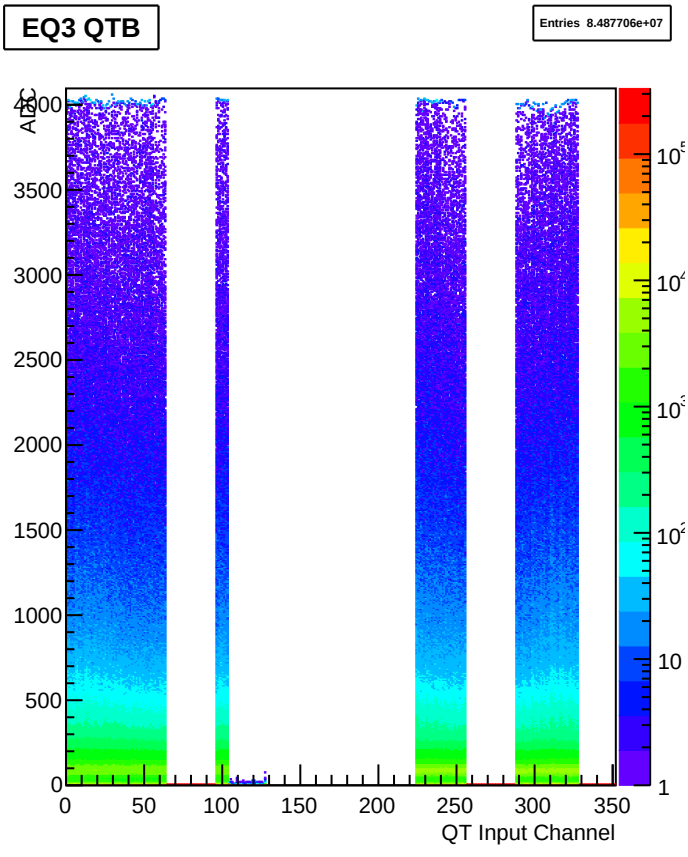

EQ1 QTC
Entries 3.18289e+07
TADC
QT Input Channel

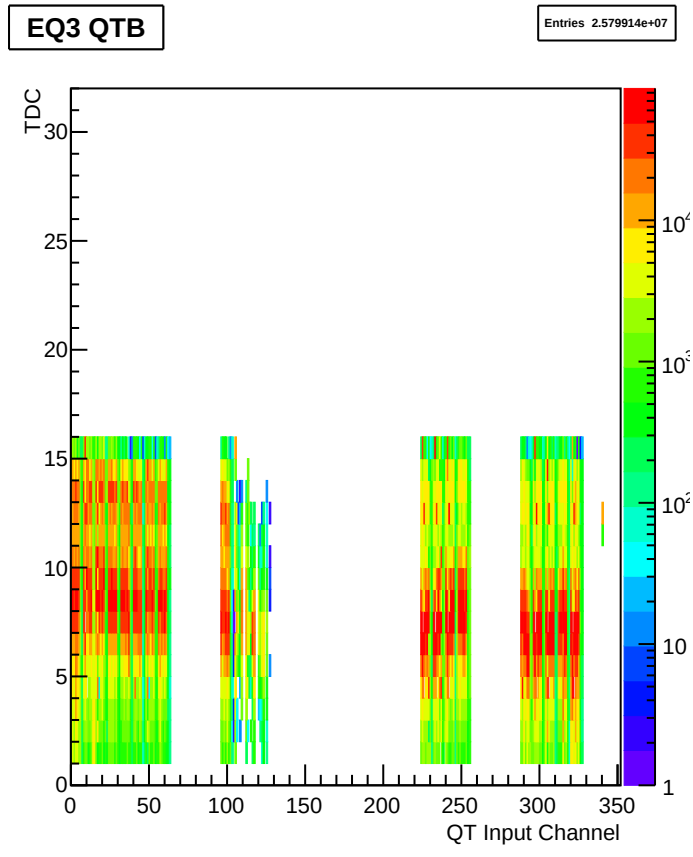

EQ2 QTB
Entries 9.548669e+07
ADC
QT Input Channel

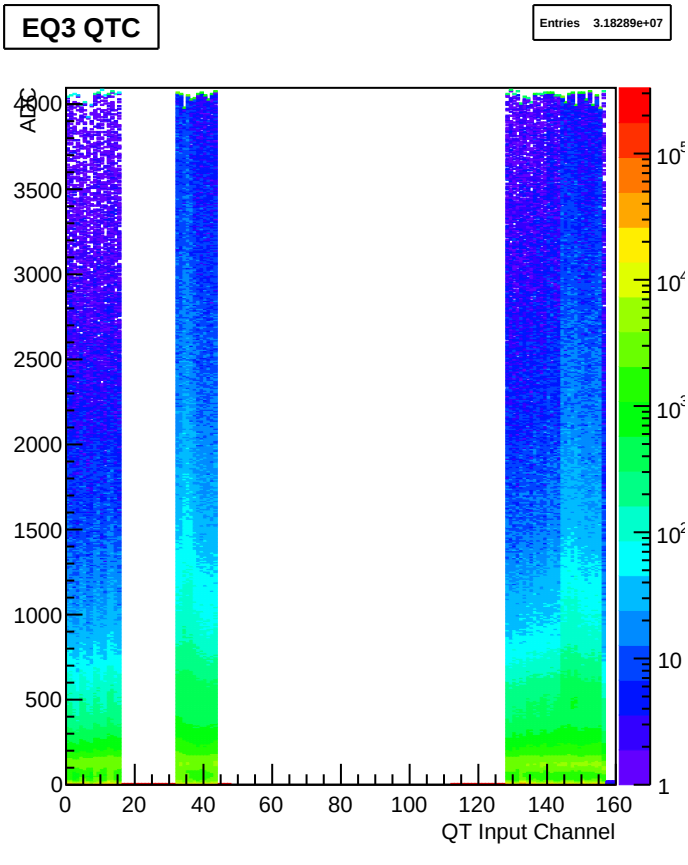

EQ2 QTB
Entries 3.174655e+07
TDC
QT Input Channel

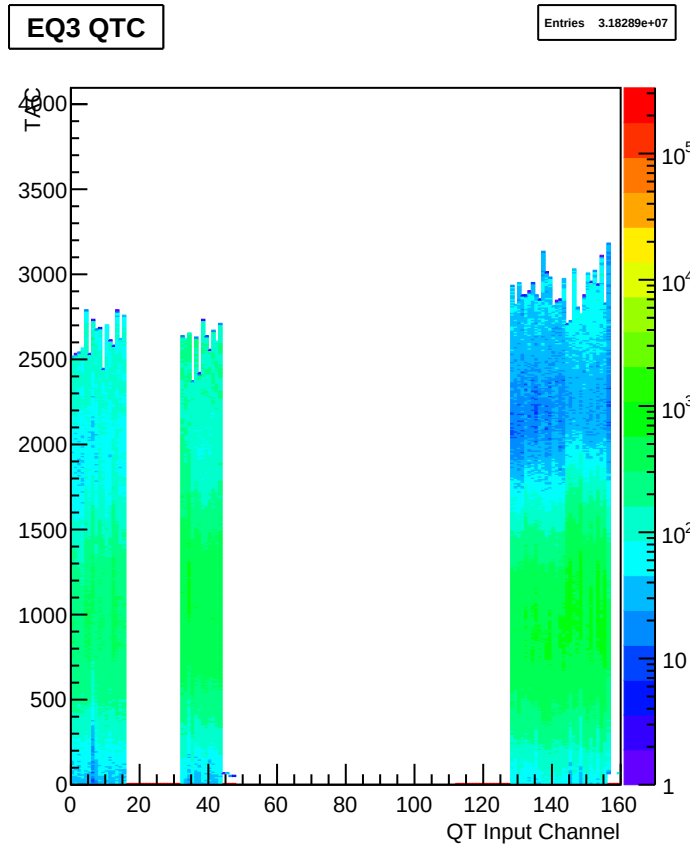

EQ2 QTC
Entries 3.18289e+07
ADC
QT Input Channel

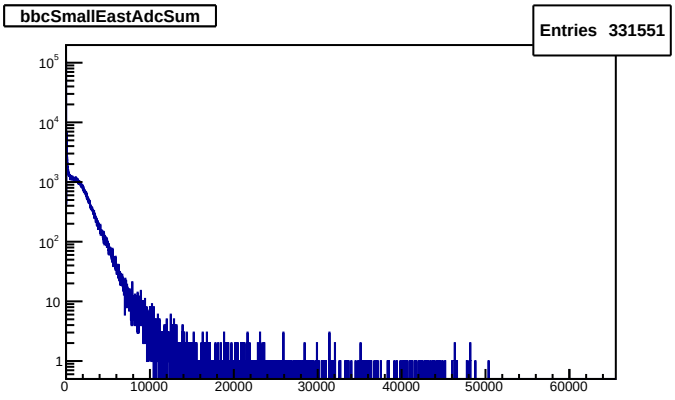

EQ2 QTC
Entries 3.18289e+07
TADC
QT Input Channel

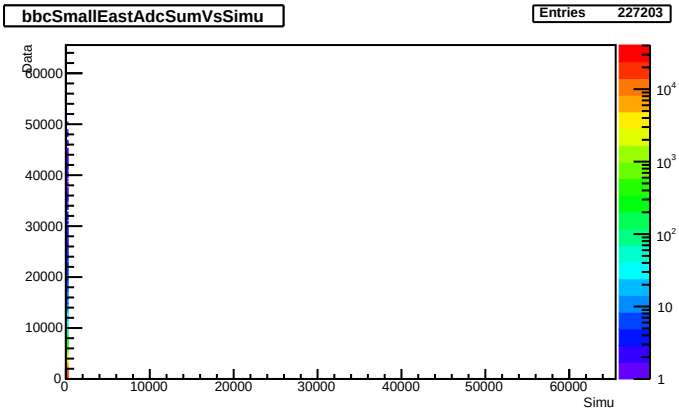

EQ3 QTB
Entries 8.487706e+07
ADC
QT Input Channel

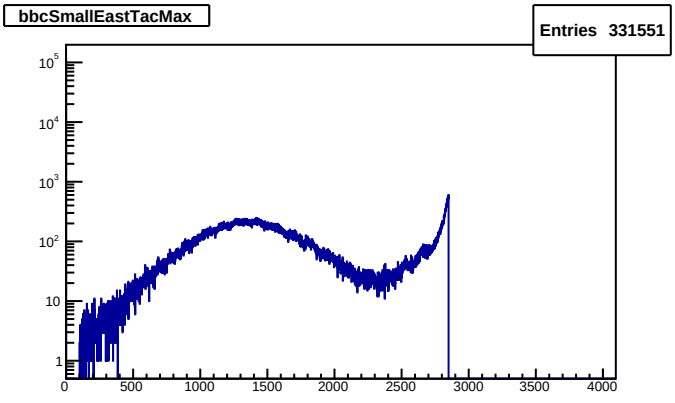

EQ3 QTB
Entries 2.579914e+07
TDC
QT Input Channel

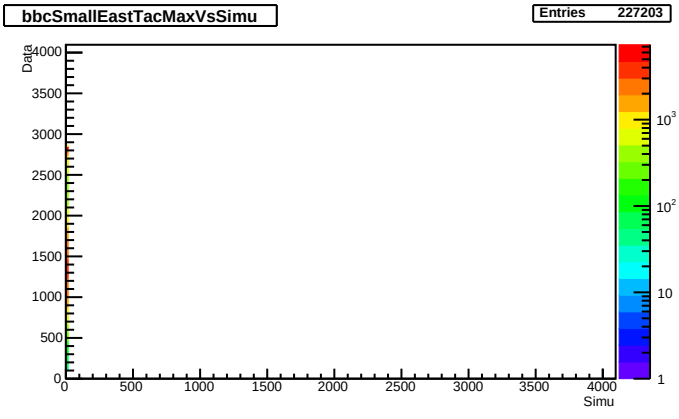

EQ3 QTC
Entries 3.18289e+07
ADC
QT Input Channel

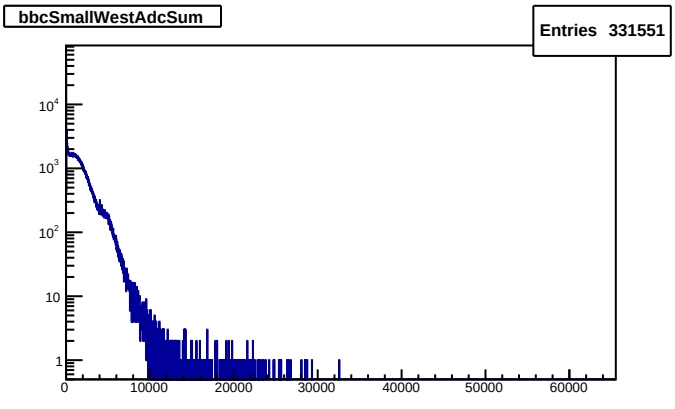

EQ3 QTC
Entries 3.18289e+07
TADC
QT Input Channel

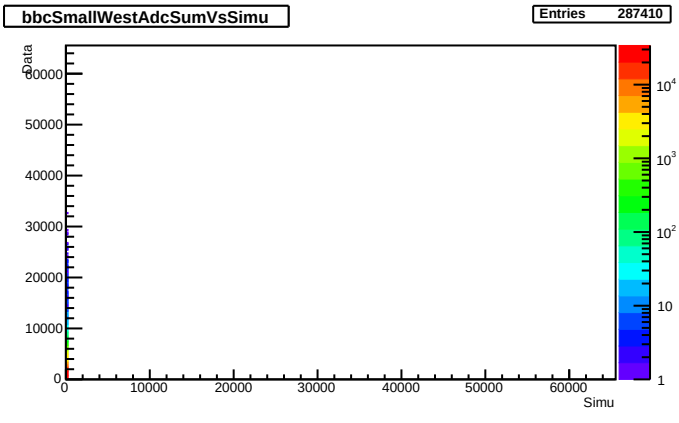

bbcSmallEastAdcSum
Entries 331551

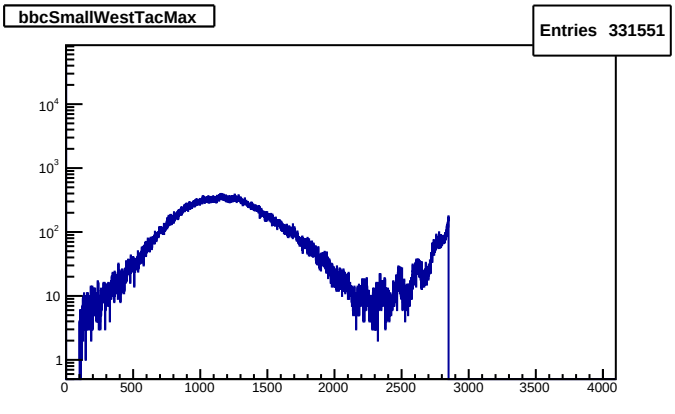

bbcSmallEastAdcSumVsSimu
Entries 227203
Data
Simu

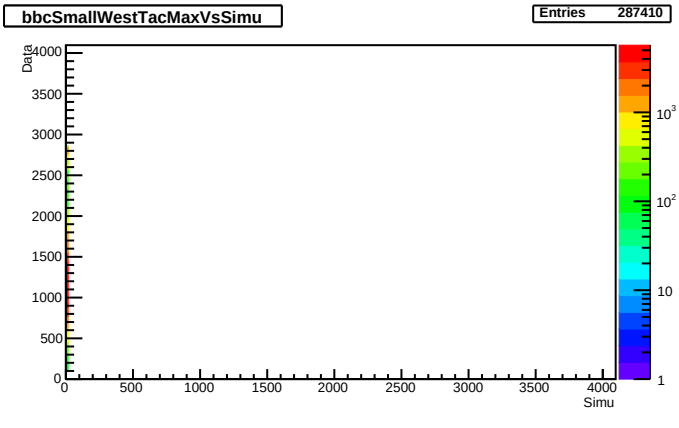

bbcSmallEastTacMax
Entries 331551

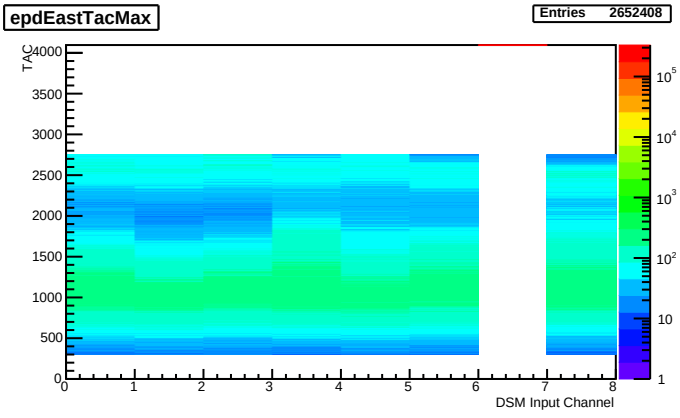

bbcSmallEastTacMaxVsSimu
Entries 227203
Data
Simu

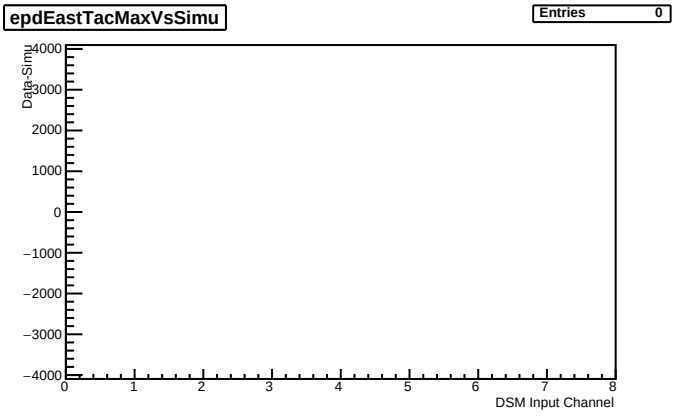

bbcSmallWestAdcSum
Entries 331551

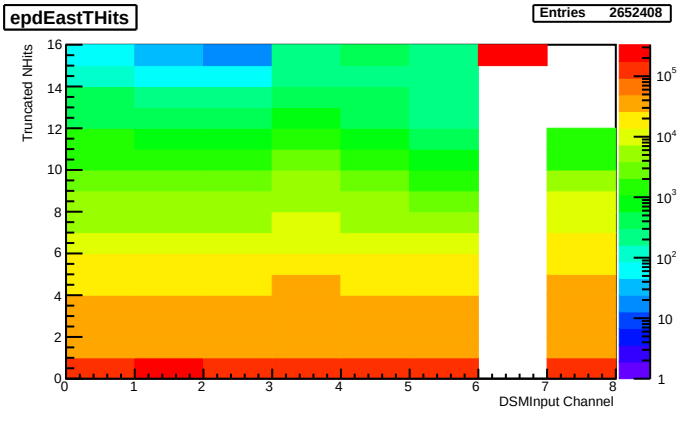

bbcSmallWestAdcSumVsSimu
Entries 287410
Data
Simu

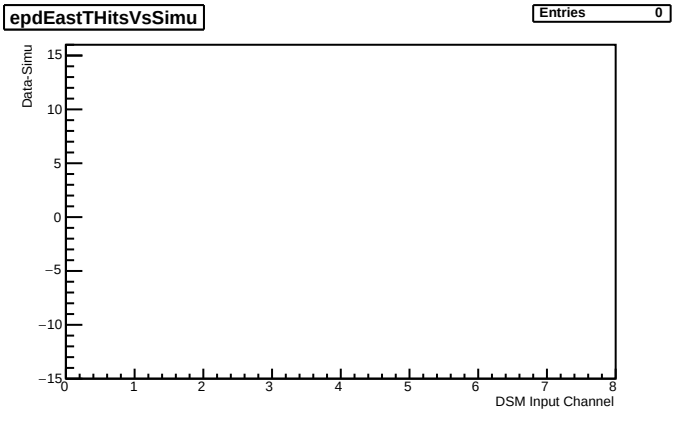

bbcSmallWestTacMax
Entries 331551

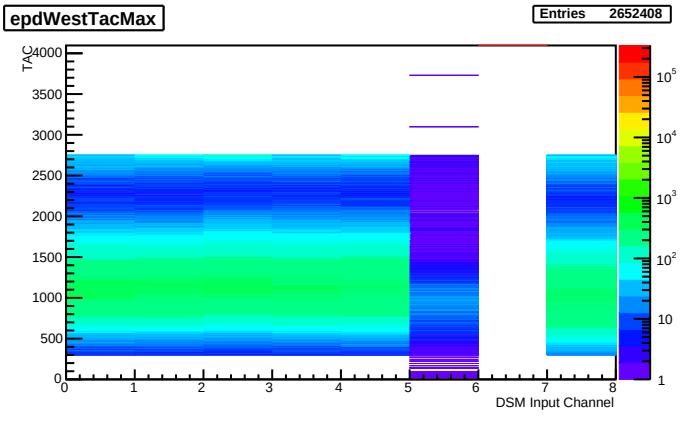

bbcSmallWestTacMaxVsSimu
Entries 287410
Data
Simu

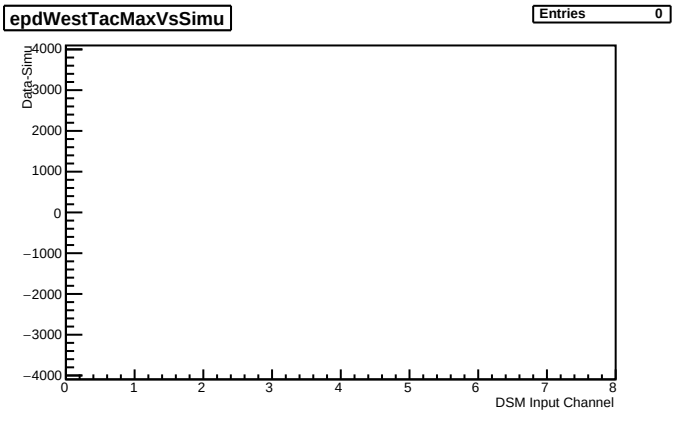

epdEastTacMax
Entries 2652408
TAC
DSM Input Channel

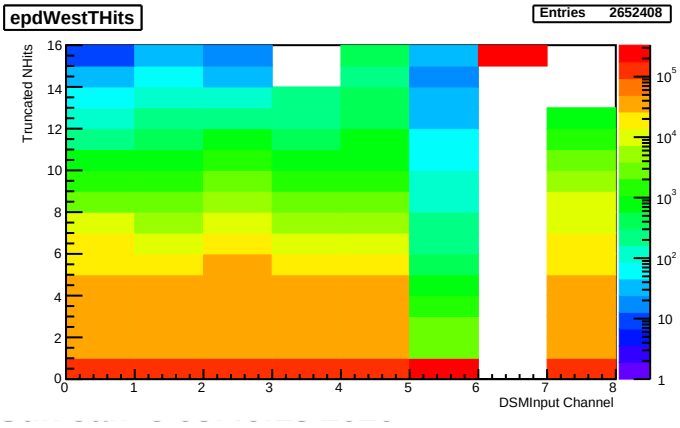

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

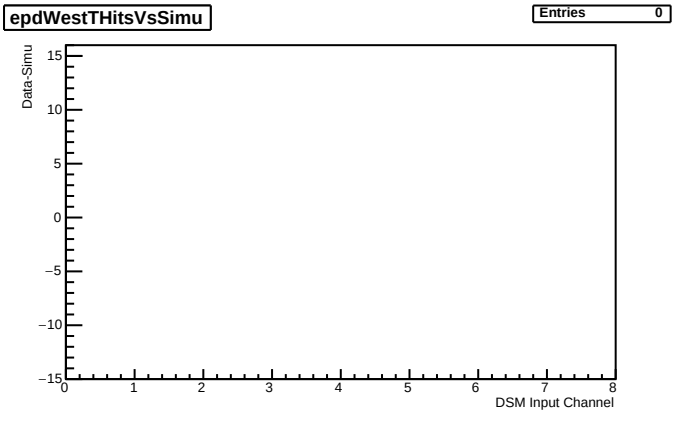

epdEastTHits
Entries 2652408
Truncated NHits
DSMInput Channel

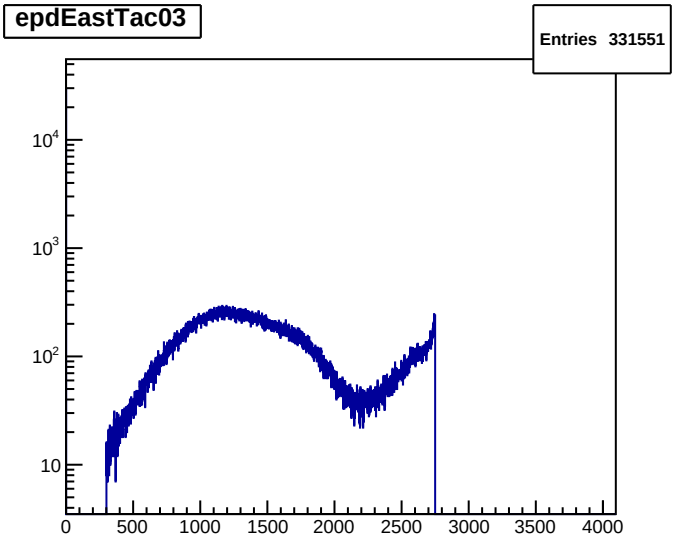

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

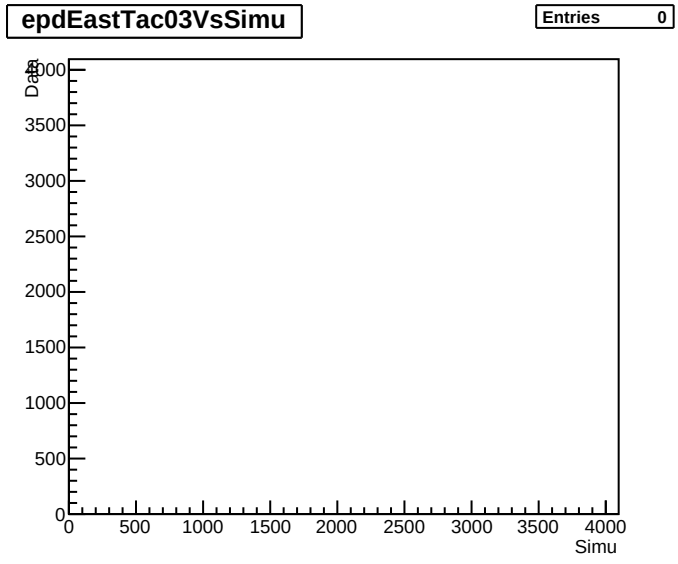

epdWestTacMax
Entries 2652408
TAC
DSM Input Channel

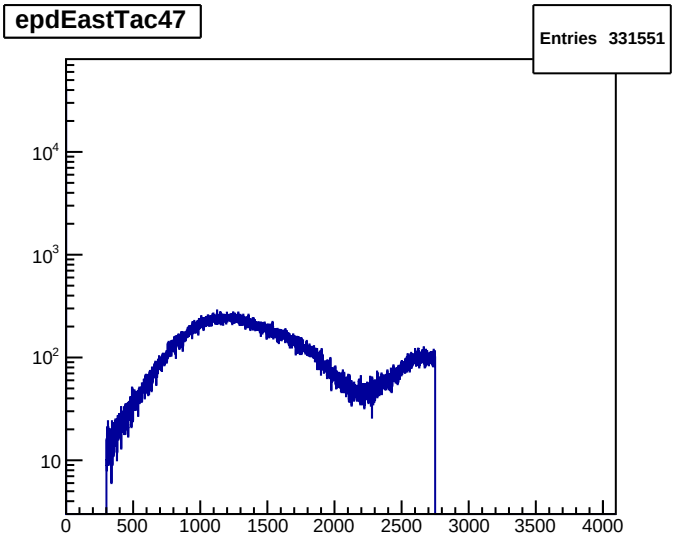

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

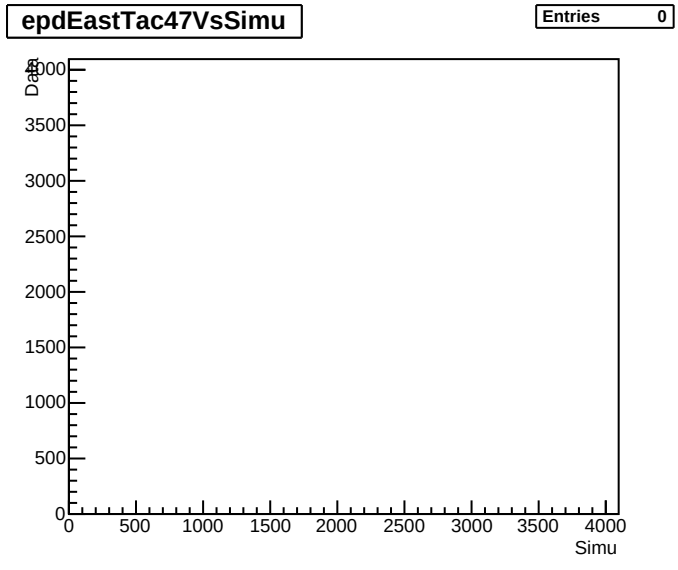

epdWestTHits
Entries 2652408
Truncated NHits
DSMInput Channel

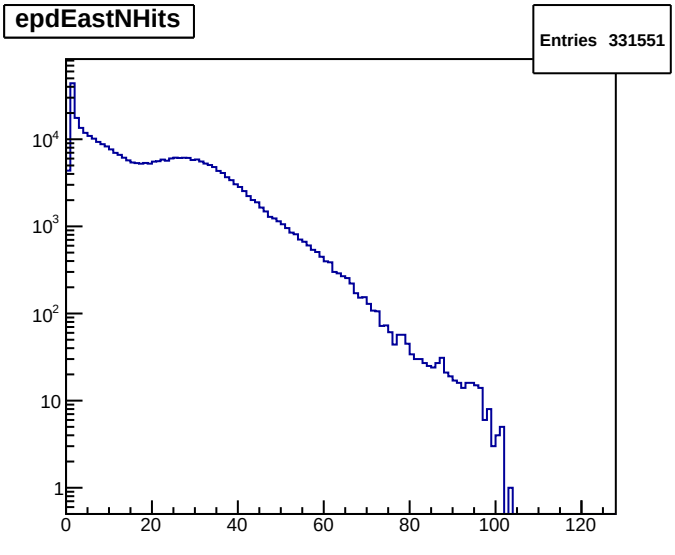

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

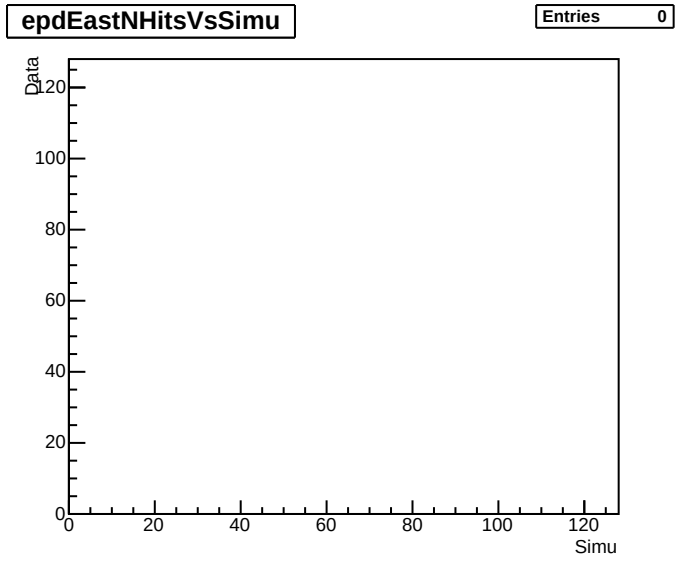

epdEastTac03
Entries 331551


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 331551


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 331551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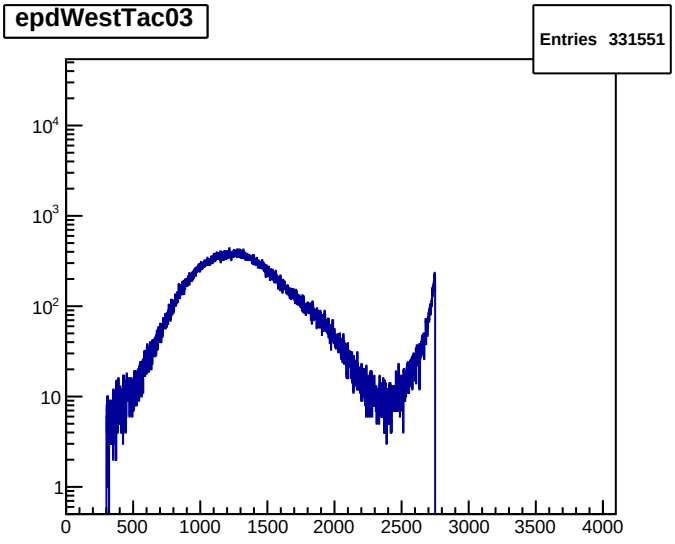
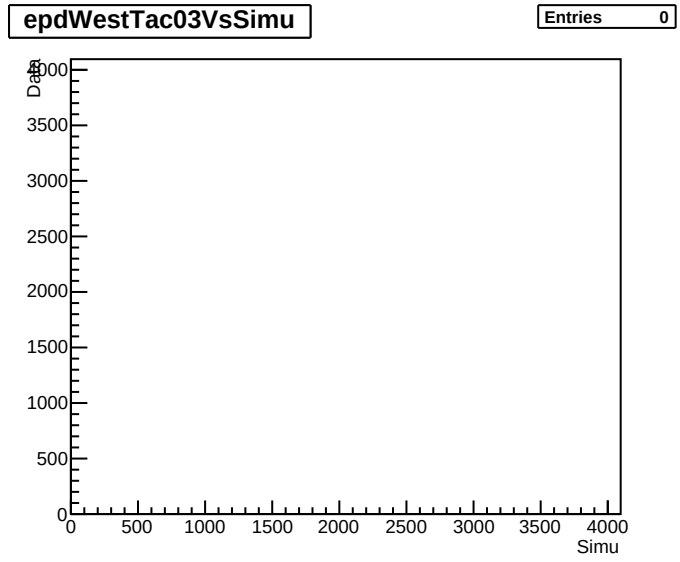
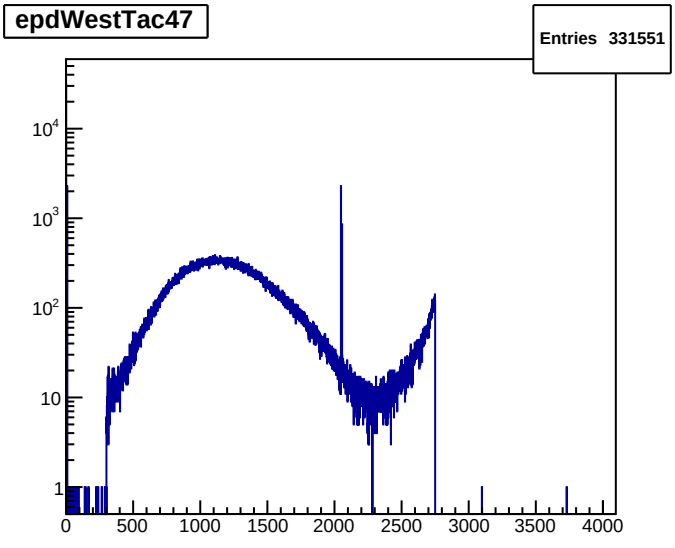
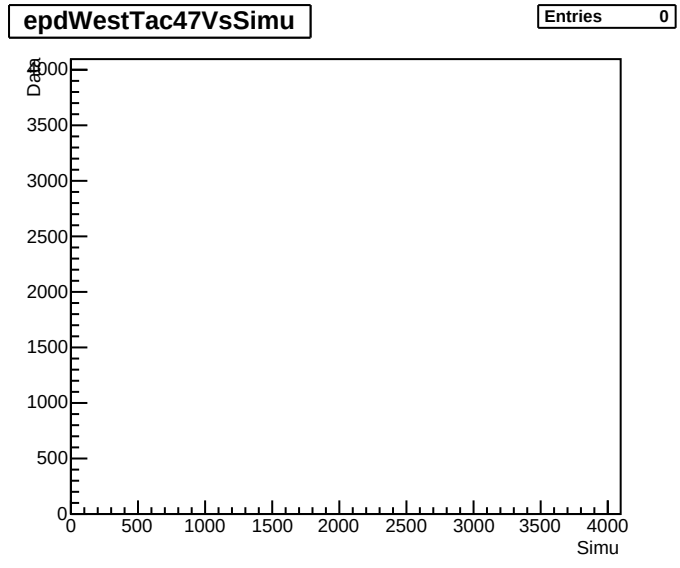
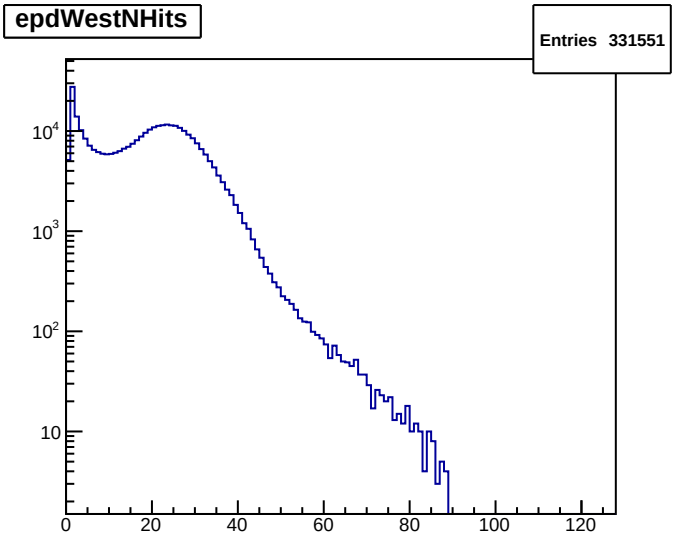
Entries 0
Data
Simu

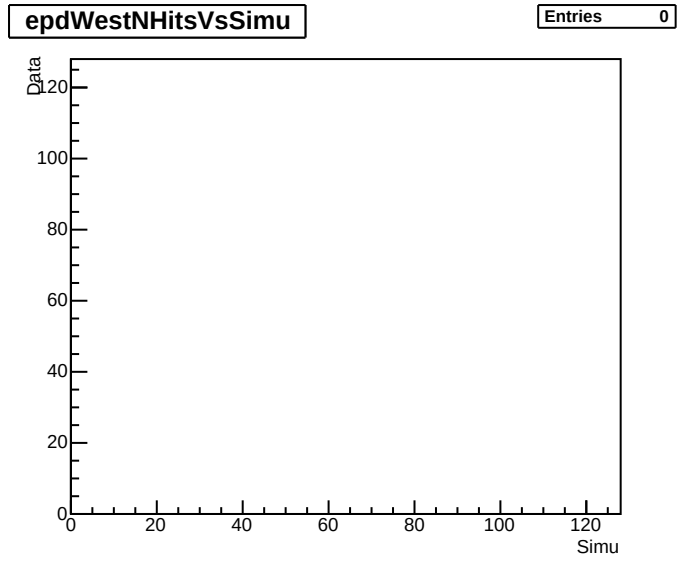

epdWestTac03
Entries 331551

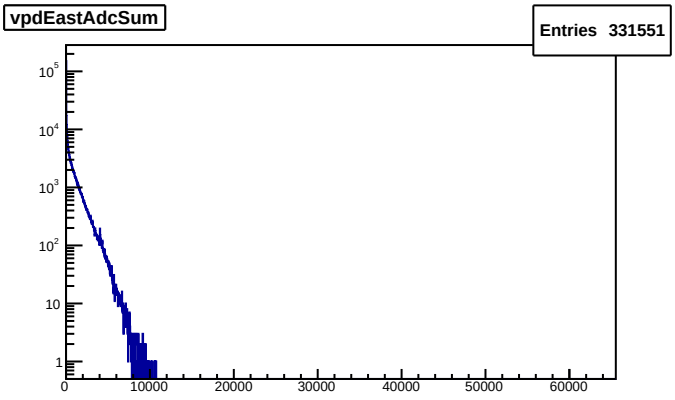

epdWestTac03VsSimu
Entries 0
Data
Simu

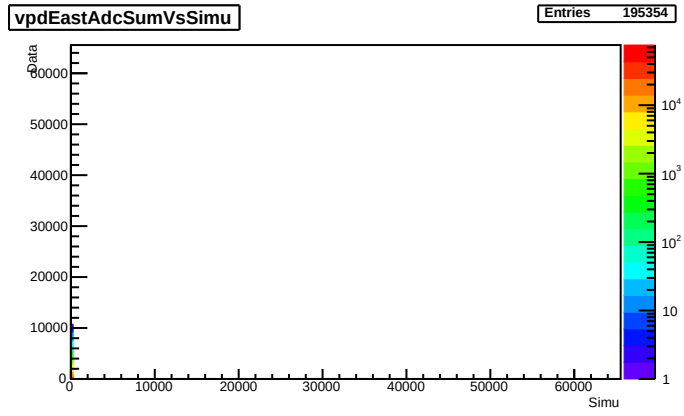

epdWestTac47
Entries 331551

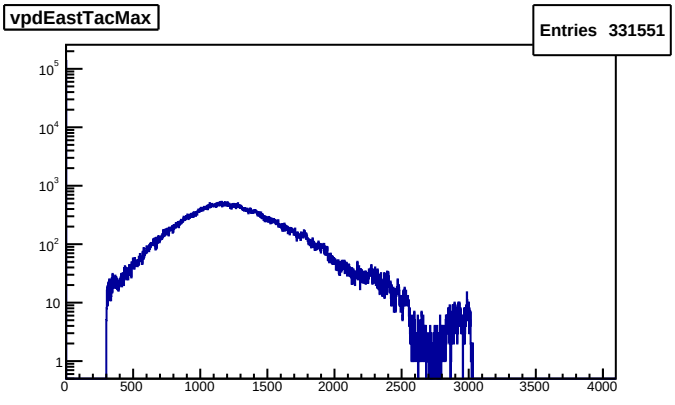

epdWestTac47VsSimu
Entries 0
Data
Simu

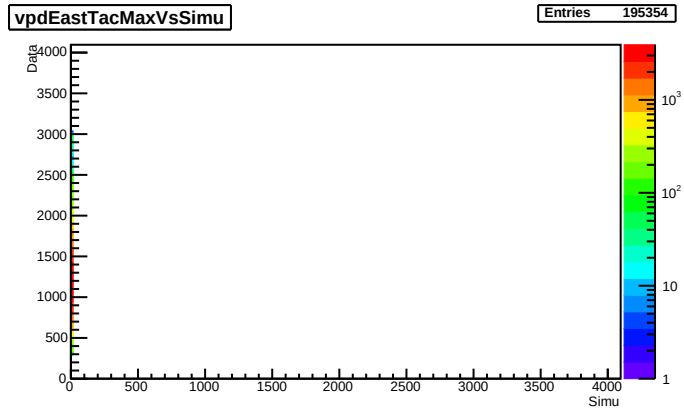

epdWestNHits
Entries 331551

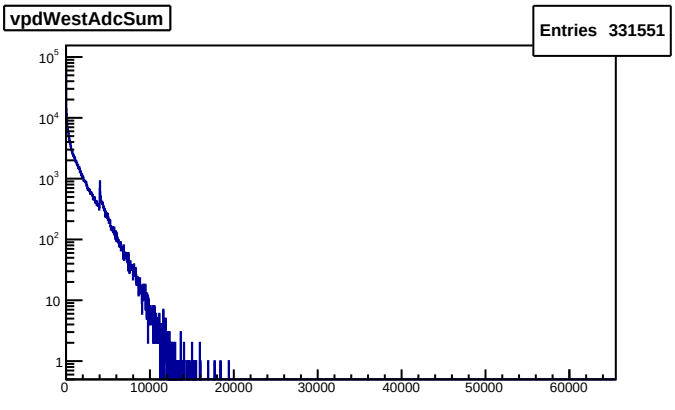

epdWestNHitsVsSimu
Entries 0
Data
Simu

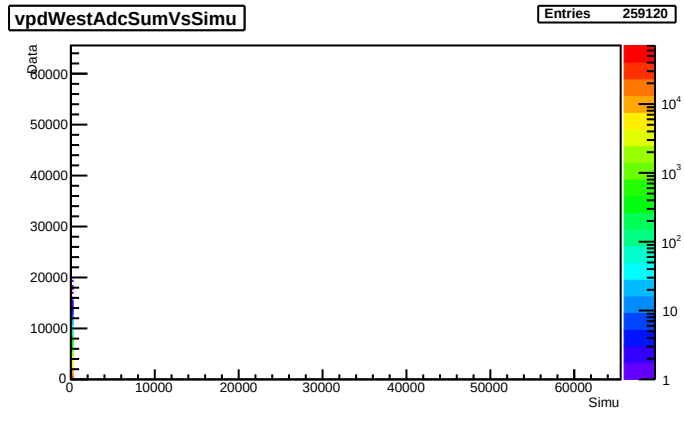

vpdEastAdcSum
Entries 331551

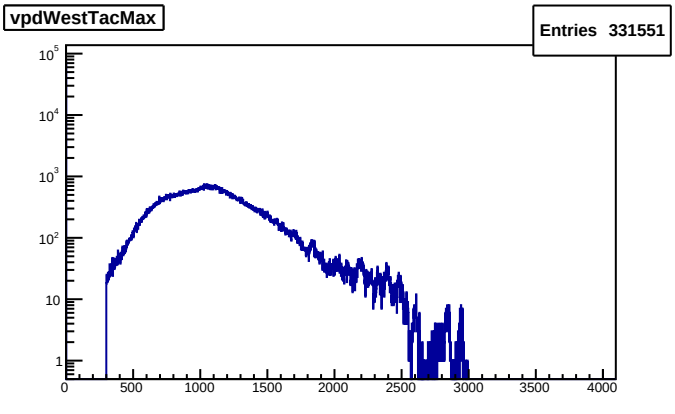

vpdEastAdcSumVsSimu
Entries 195354
Data
Simu

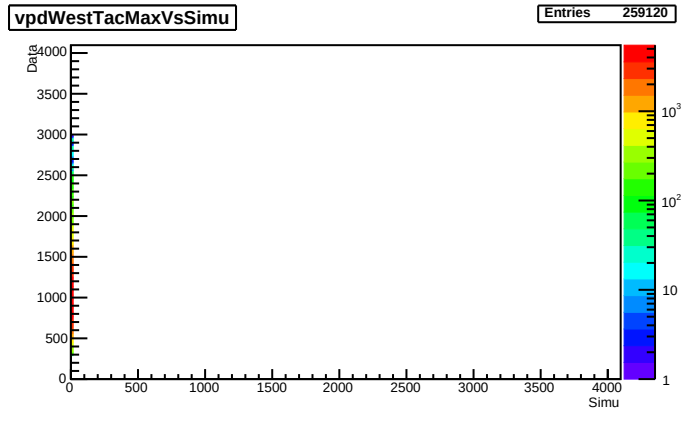

vpdEastTacMax
Entries 331551

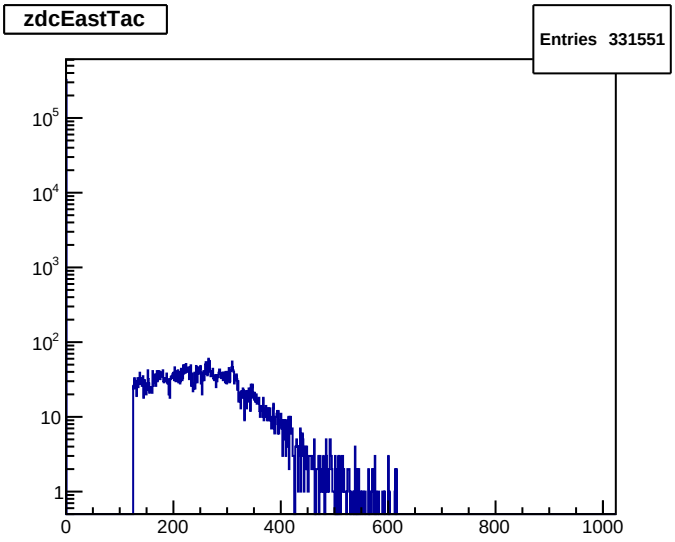

vpdEastTacMaxVsSimu
Entries 195354
Data
Simu

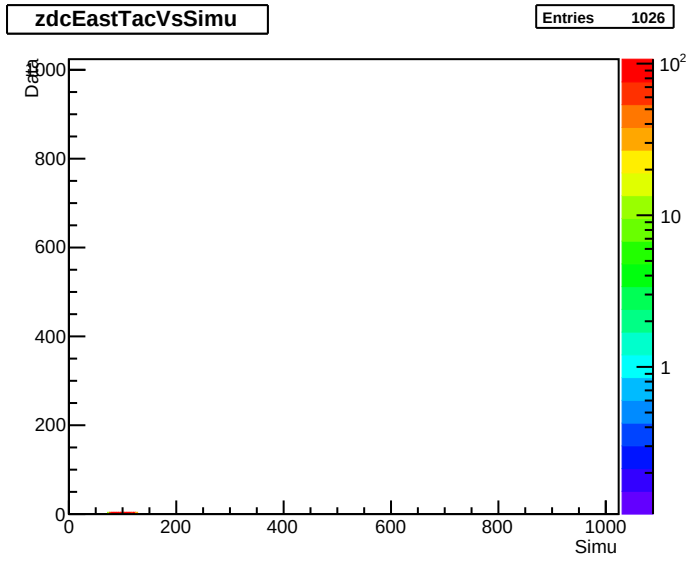

vpdWestAdcSum
Entries 331551

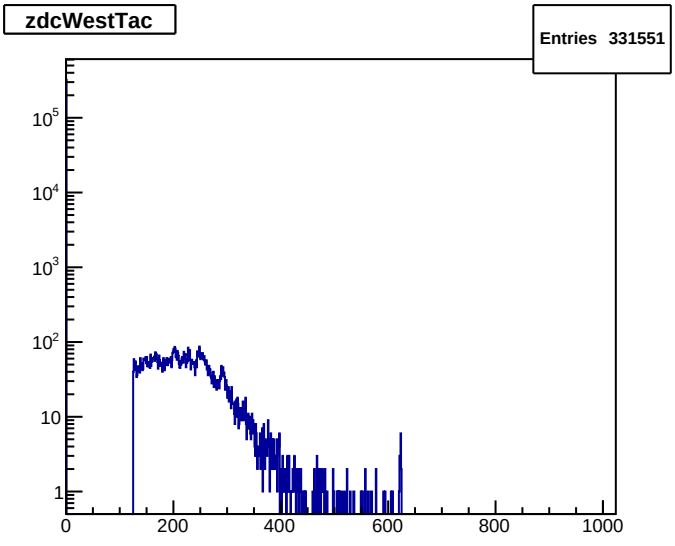

vpdWestAdcSumVsSimu
Entries 259120
Data
Simu

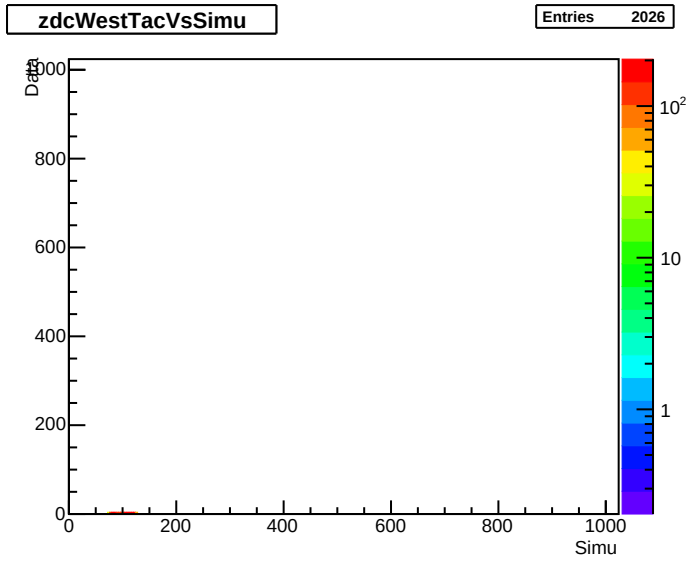

vpdWestTacMax
Entries 331551

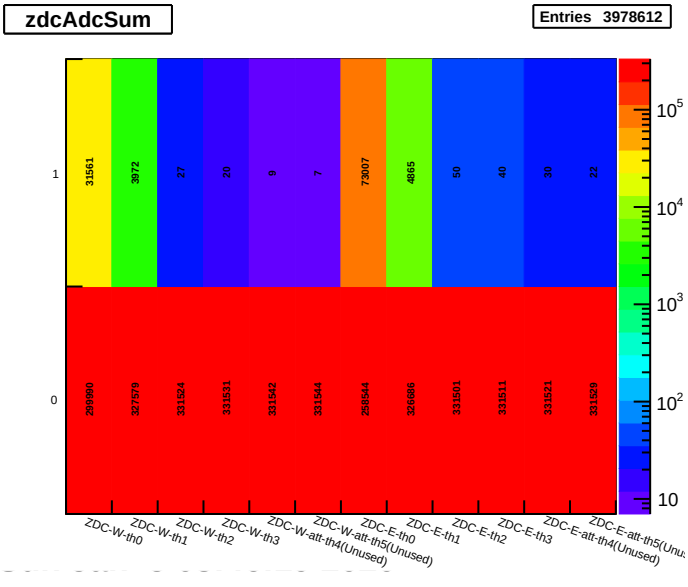

vpdWestTacMaxVsSimu
Entries 259120
Data
Simu

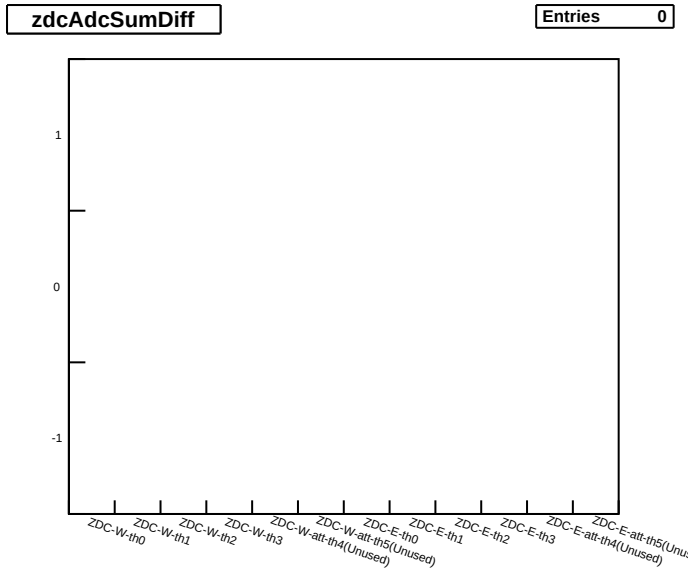

zdcEastTac
Entries 331551

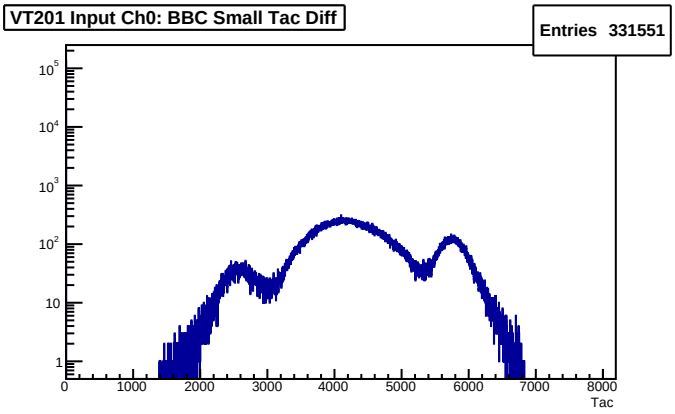

zdcEastTacVsSimu
Entries 1026
Data
Simu

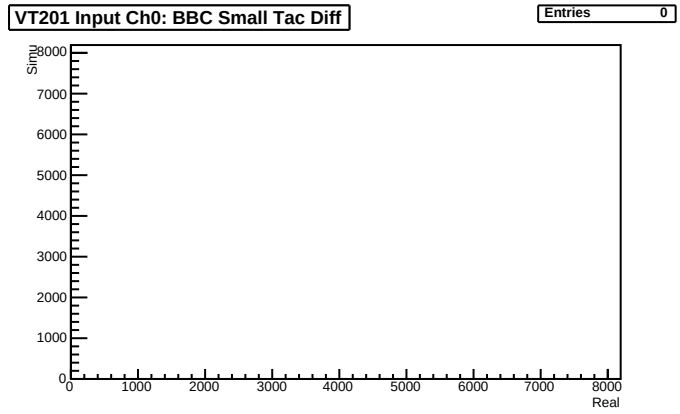

zdcWestTac
Entries 331551

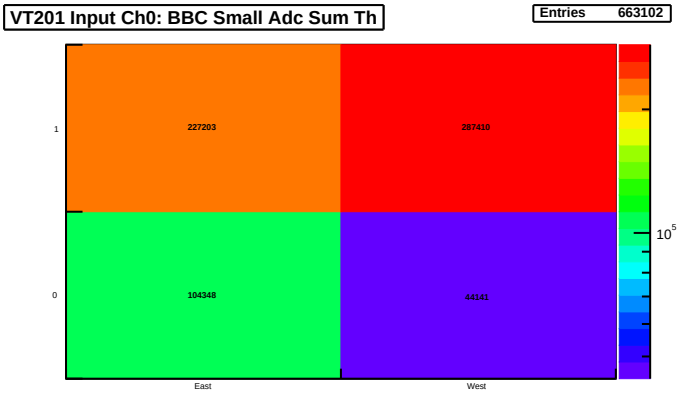

zdcWestTacVsSimu
Entries 2026
Data
Simu

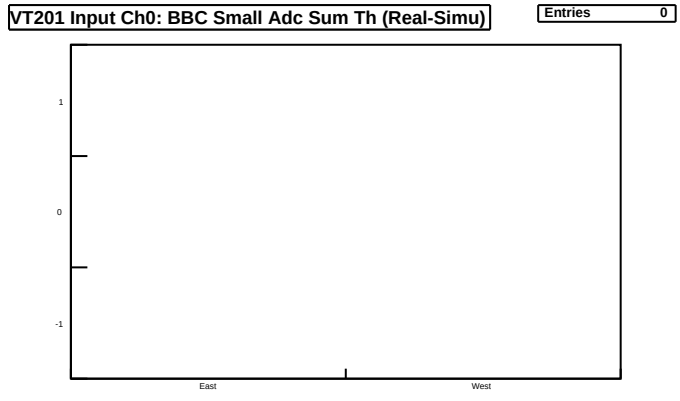

zdcAdcSum
Entries 3978612
31561
3972
27
20
9
7
73007
4865
50
40
30
22
299990
327570
331524
331531
331542
331544
258544
326686
331501
331511
331521
331529
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

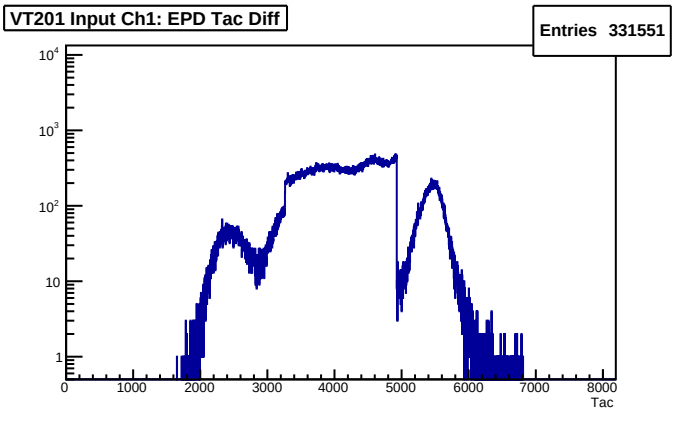

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

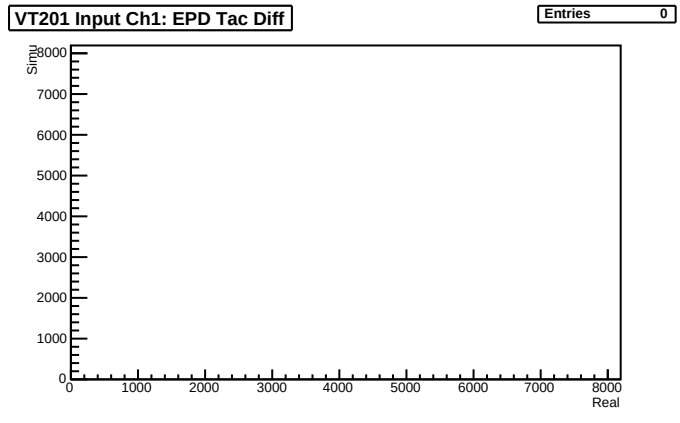

VT201 Input Ch0: BBC Small Tac Diff
Entries 331551
Tac

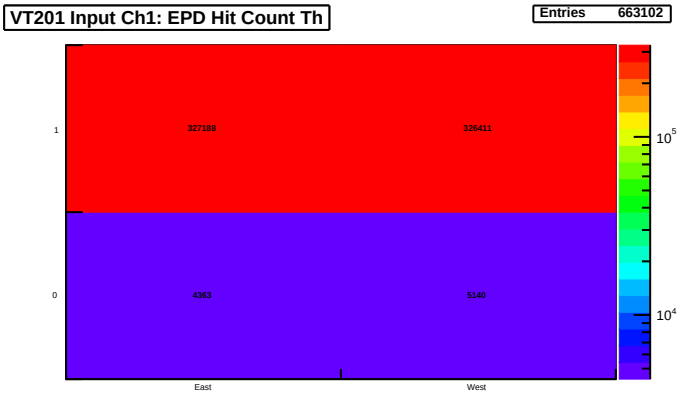

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

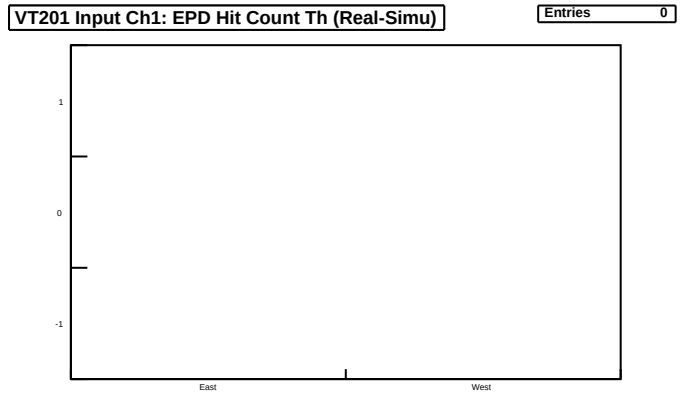

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 663102
227203
287410
104348
44141
East
West

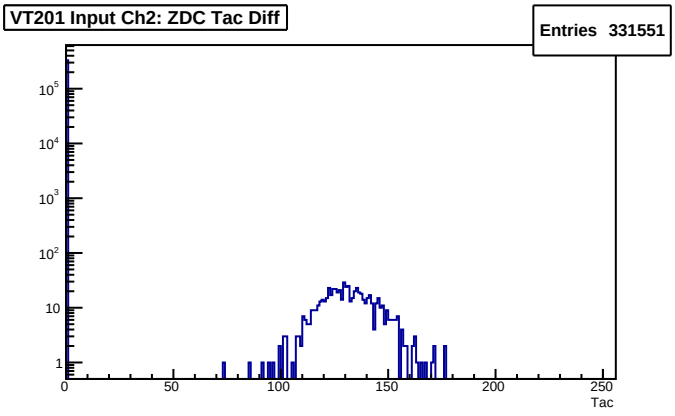

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

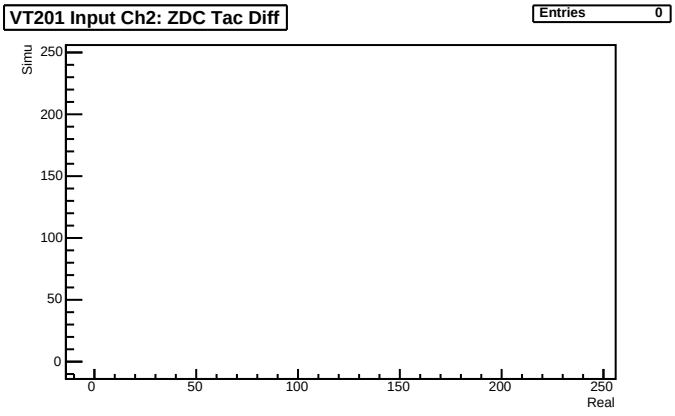

VT201 Input Ch1: EPD Tac Diff
Entries 331551
Tac

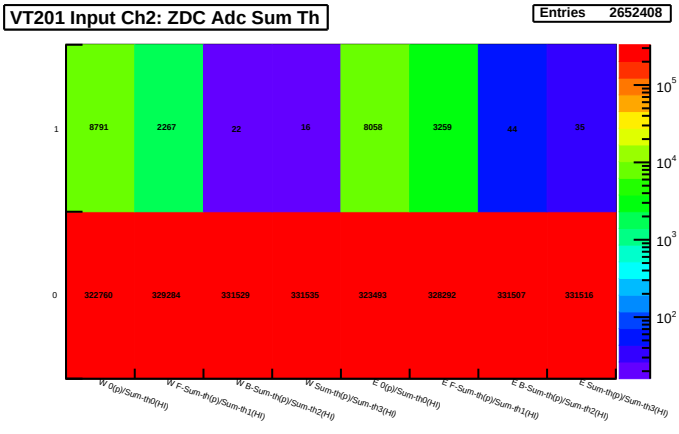

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

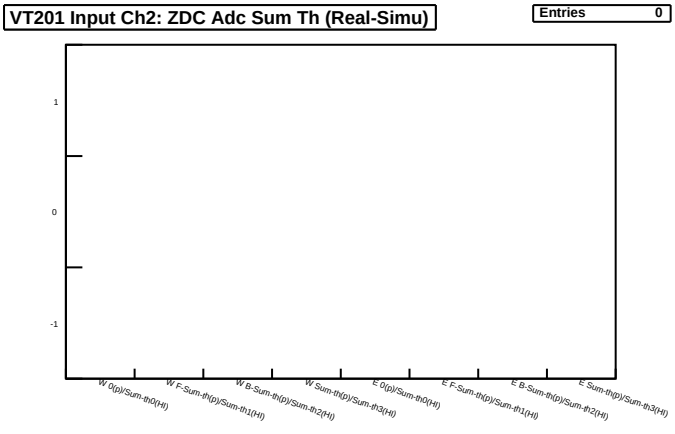

VT201 Input Ch1: EPD Hit Count Th
Entries 663102
327188
326411
4383
5140
East
West

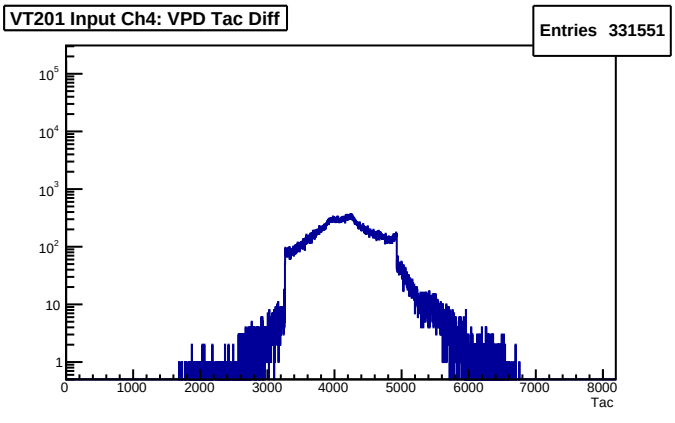

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

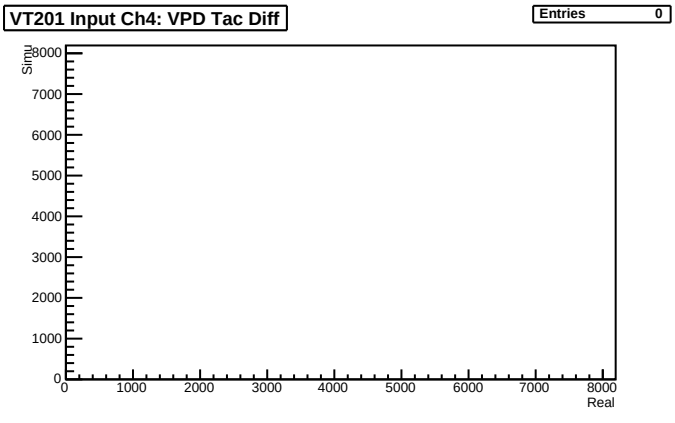

VT201 Input Ch2: ZDC Tac Diff
Entries 331551
Tac

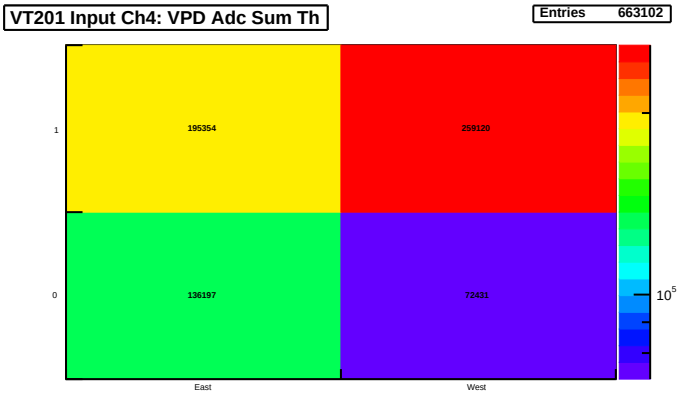

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

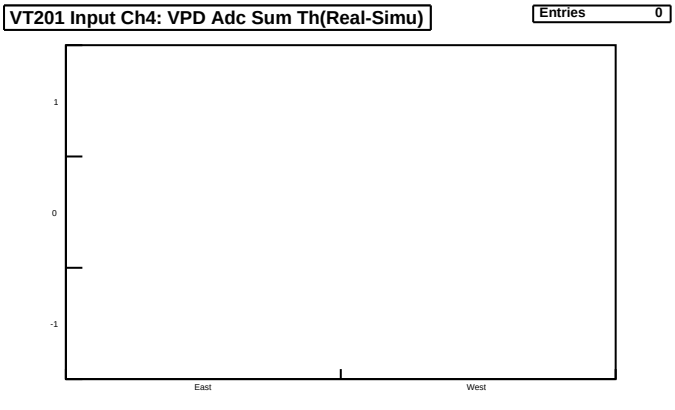

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2652408
8791
2267
22
16
8058
3259
44
35
322760
329284
331529
331535
323493
328292
331507
331516
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

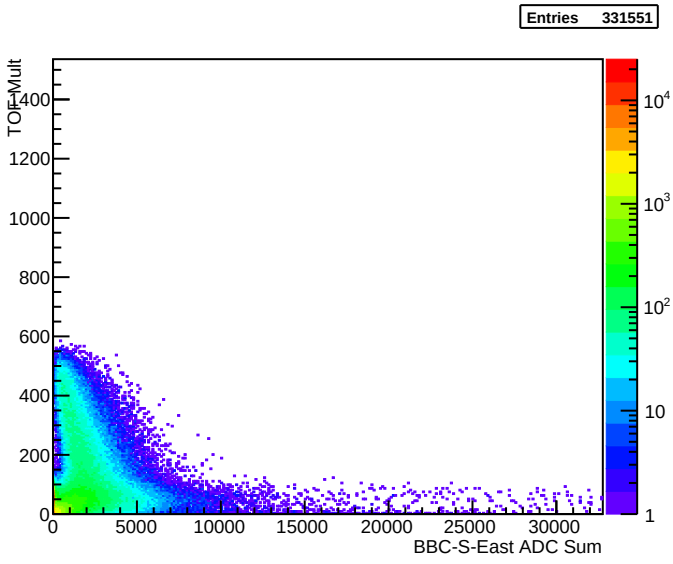

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

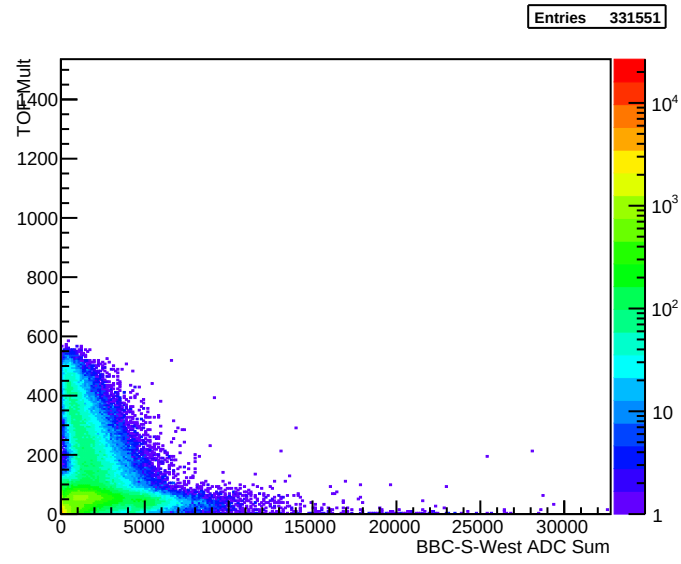

VT201 Input Ch4: VPD Tac Diff
Entries 331551
Tac

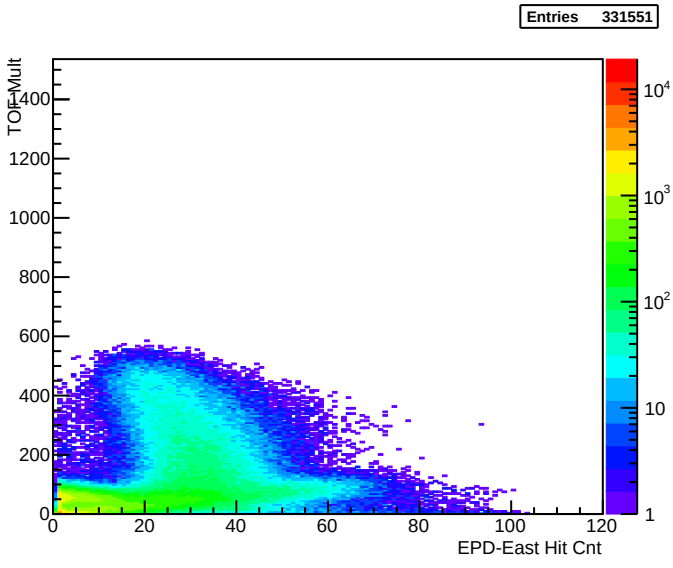

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

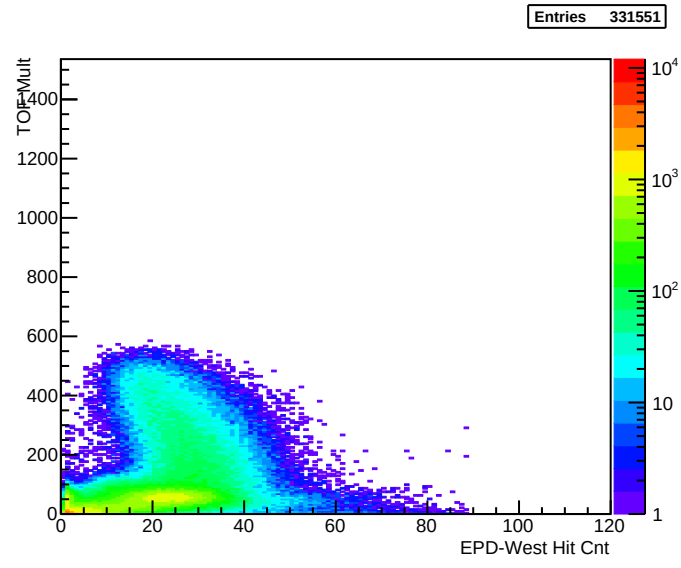

VT201 Input Ch4: VPD Adc Sum Th
Entries 663102
195354
259120
136197
72431
East
West

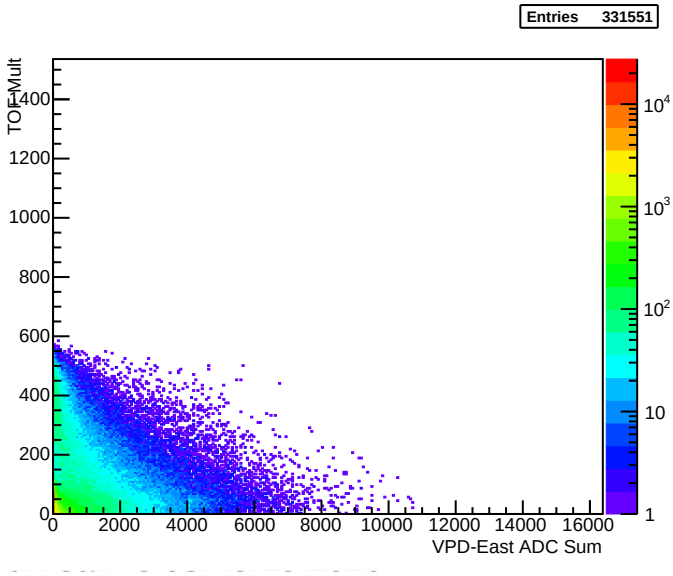

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

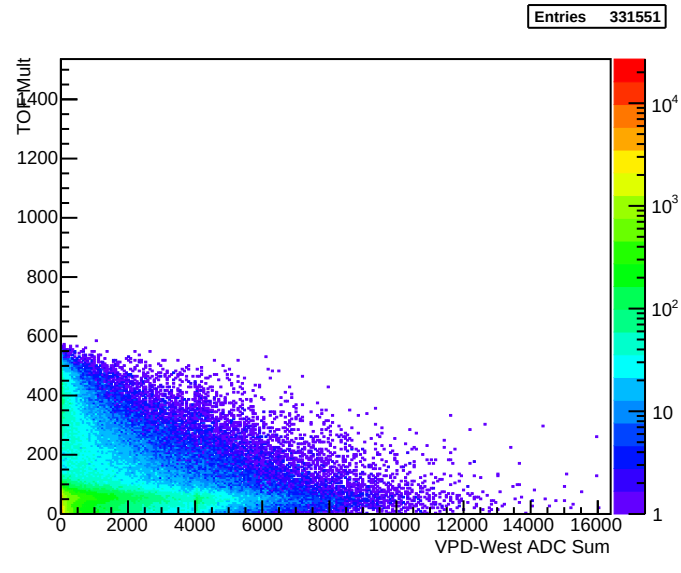

Entries 331551
TOF-Mult
BBC-S-East ADC Sum

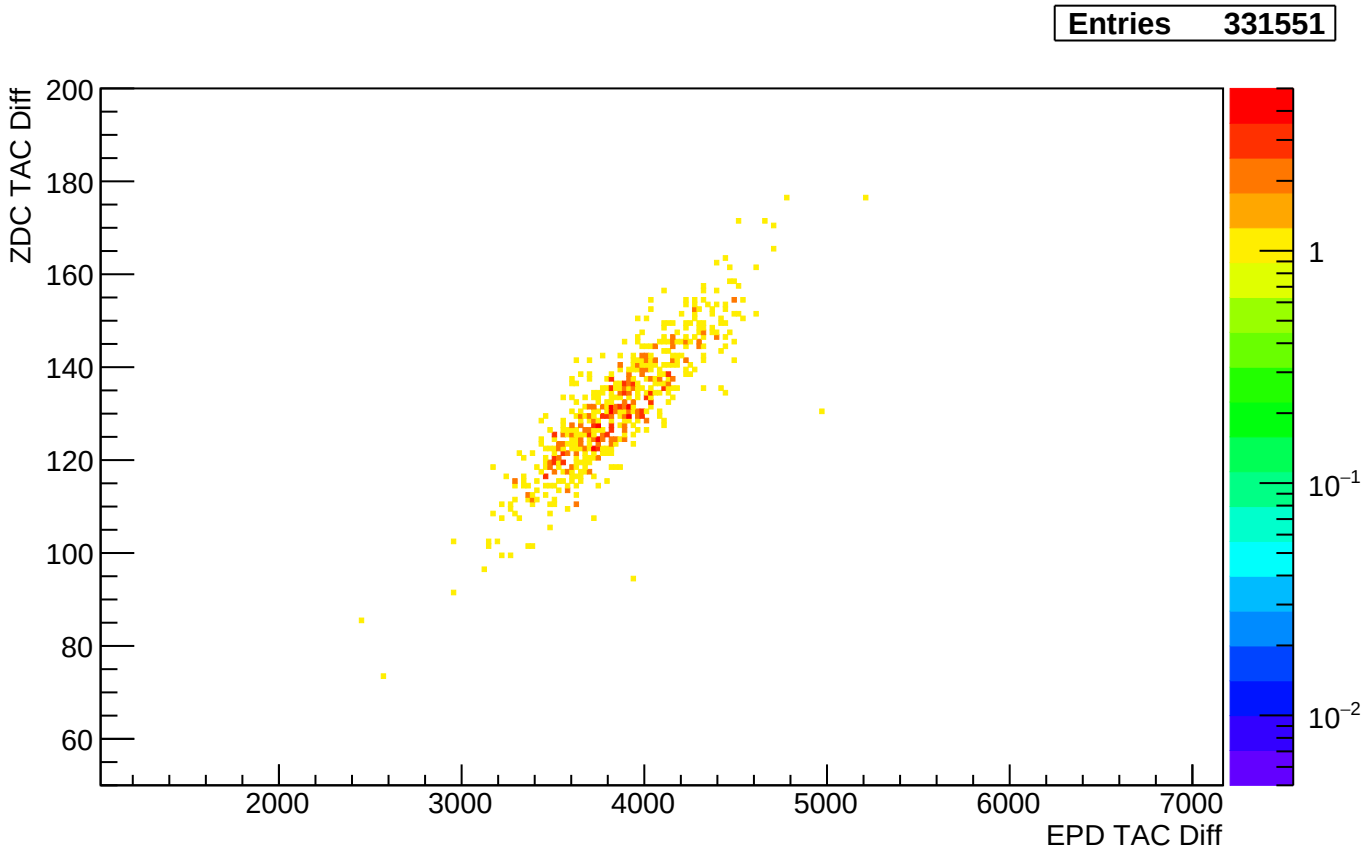

Entries 331551
TOF-Mult
BBC-S-West ADC Sum

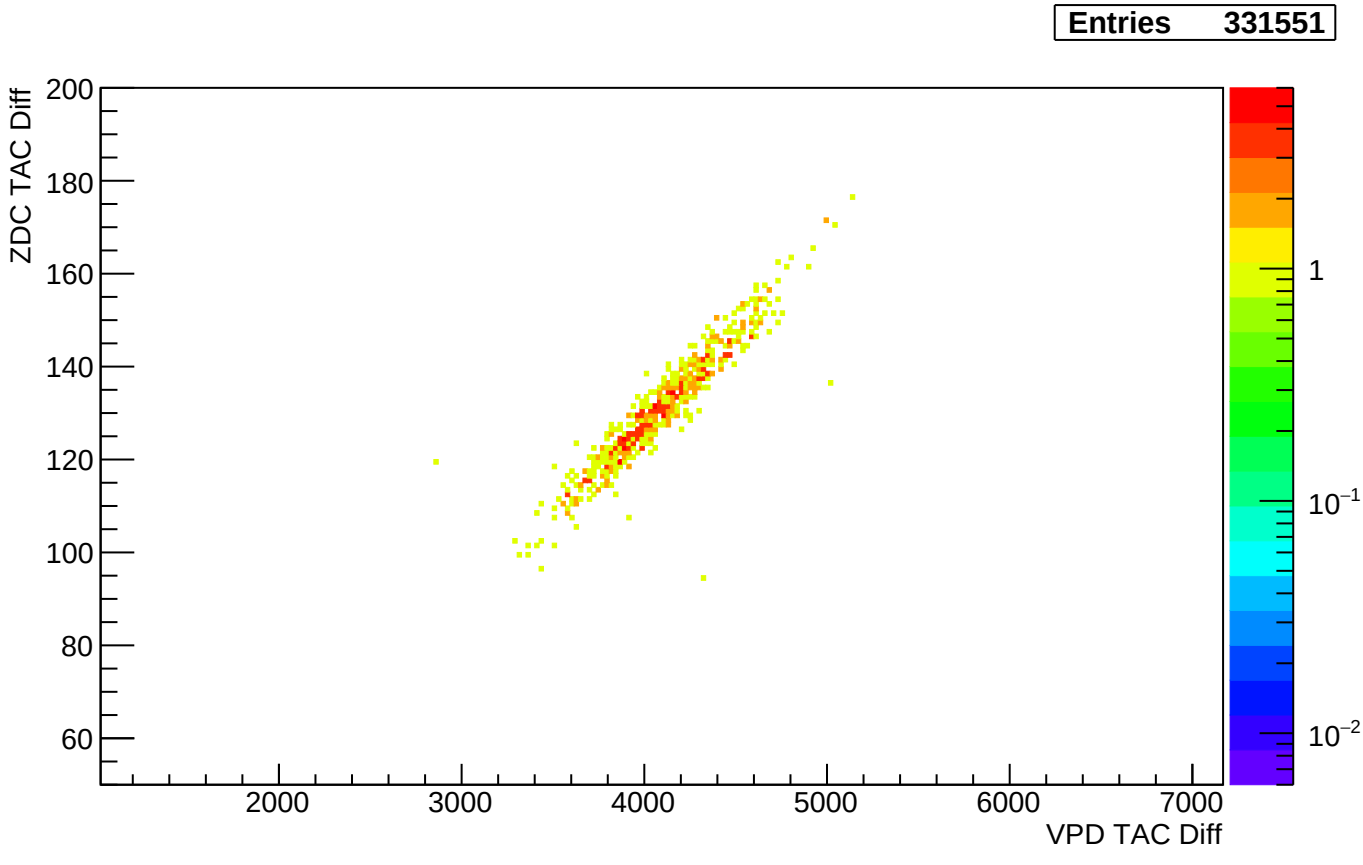

Entries 331551
TOF-Mult
EPD-East Hit Cnt

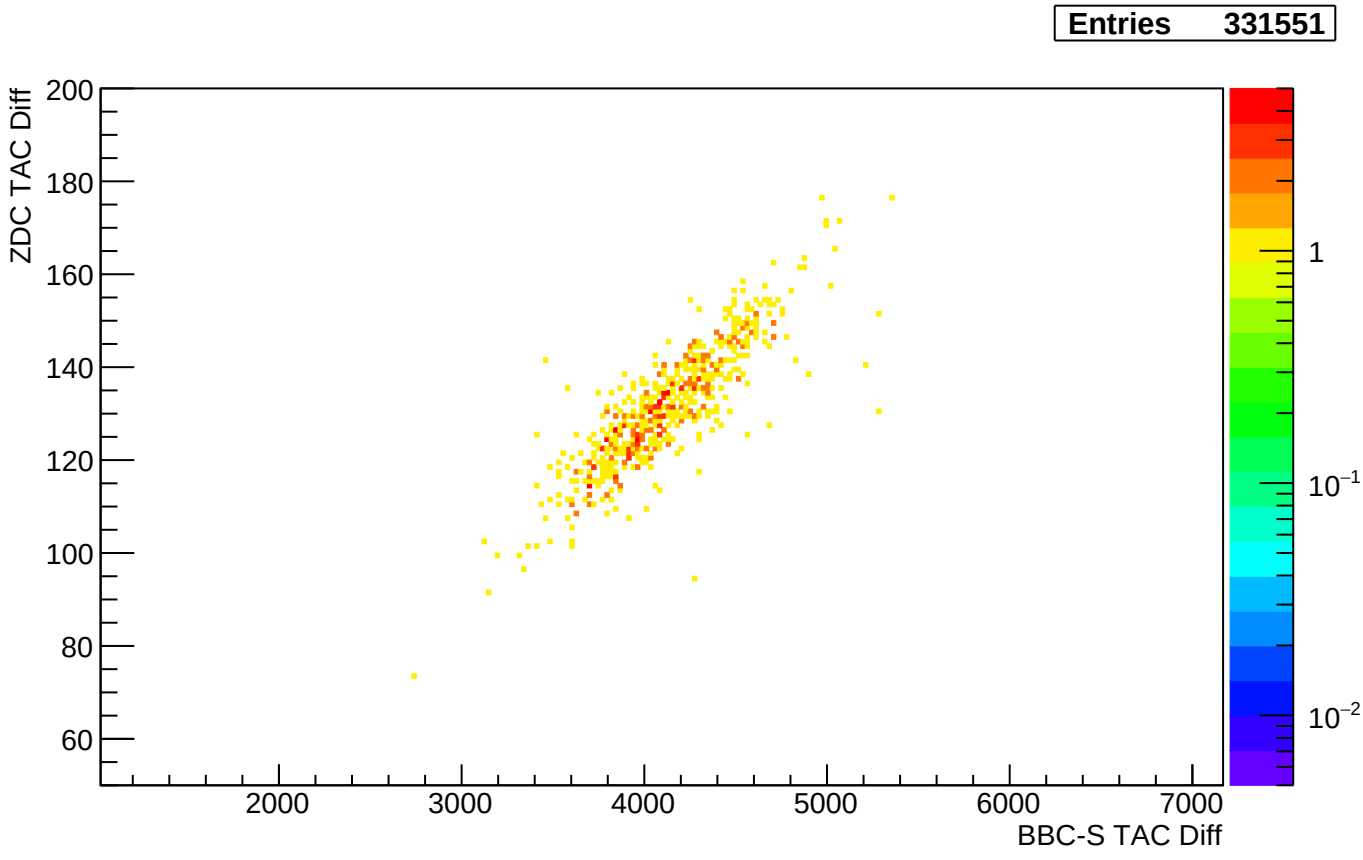

Entries 331551
TOF-Mult
EPD-West Hit Cnt

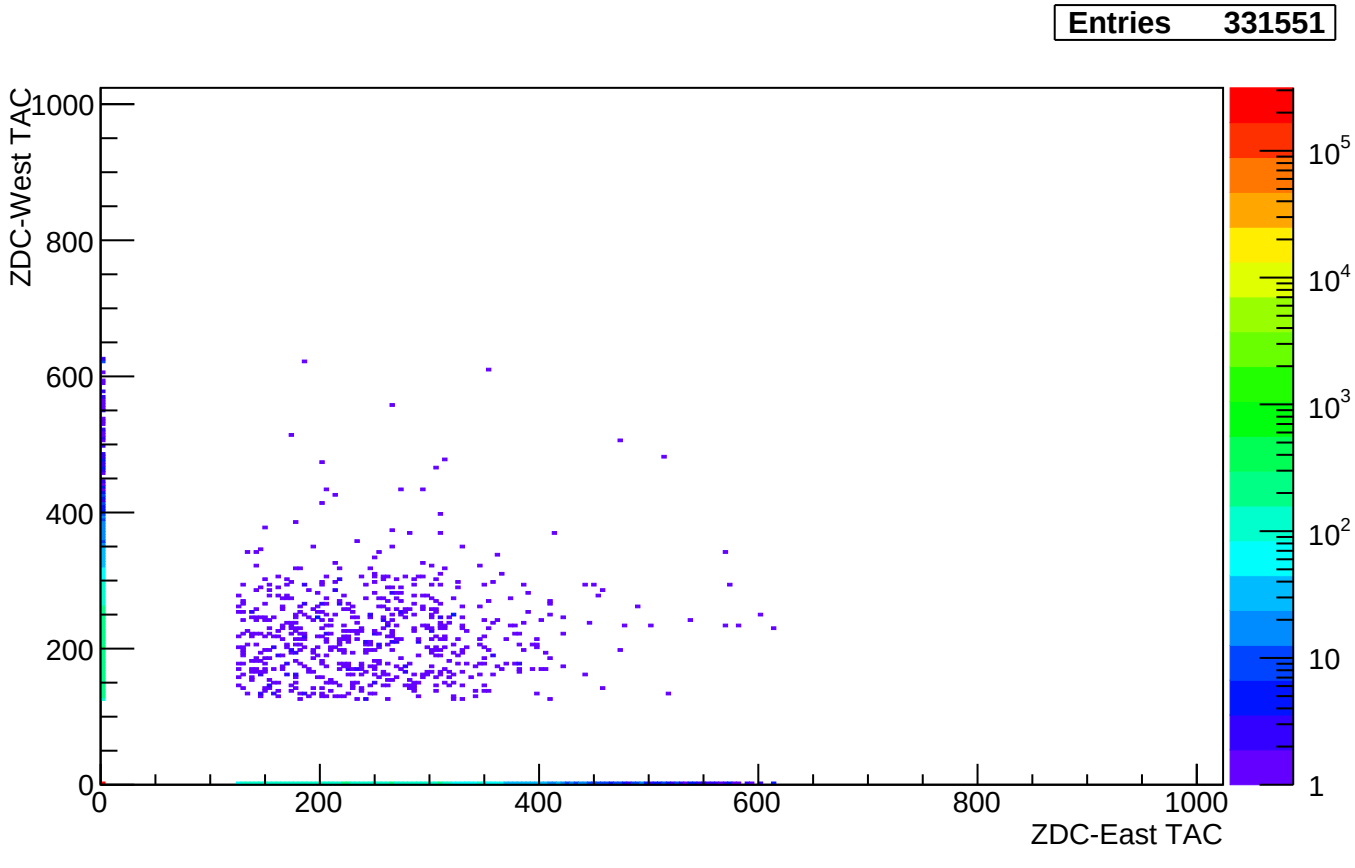

Entries 331551
TOF-Mult
VPD-East ADC Sum

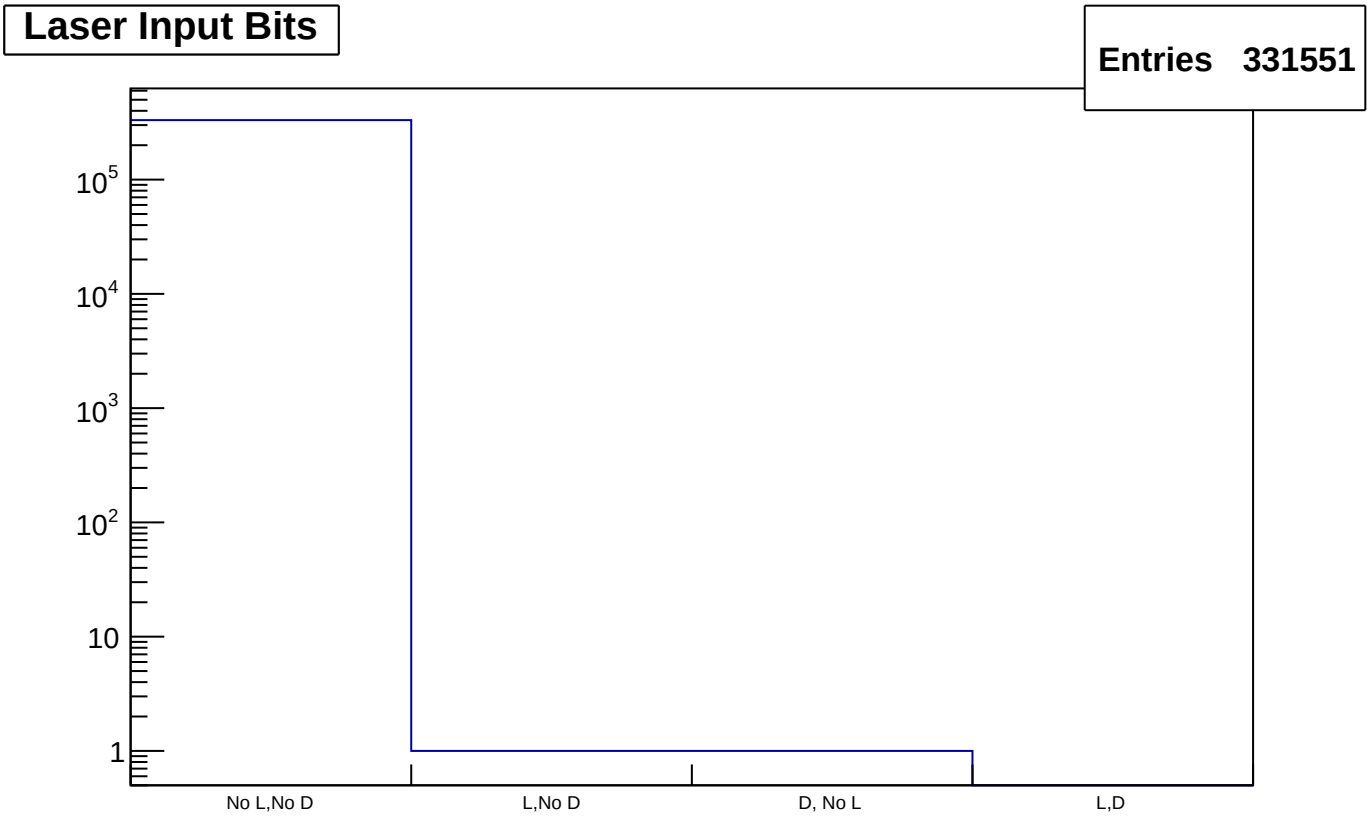

Entries 331551
TOF-Mult
VPD-West ADC Sum

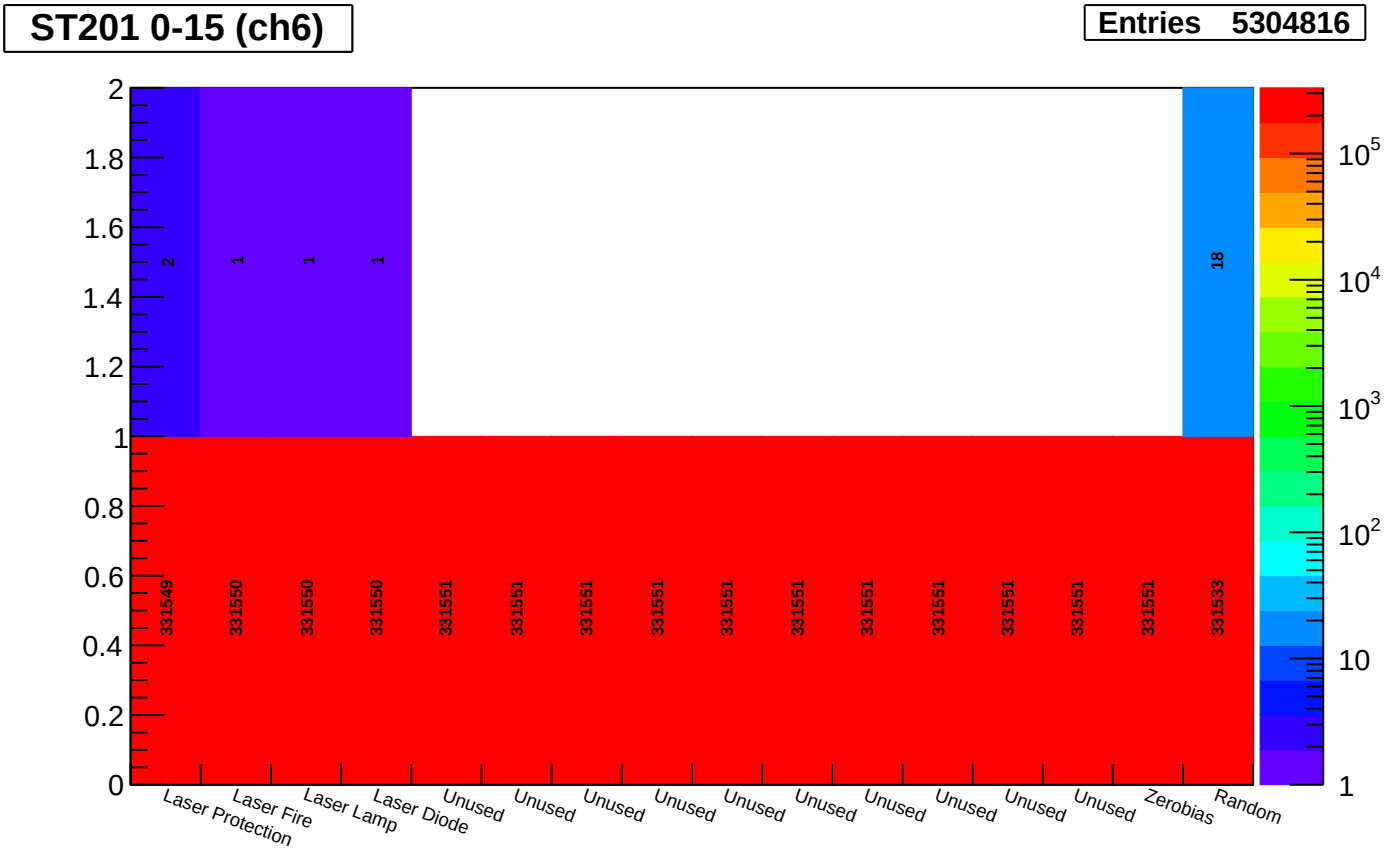

Entries 331551
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

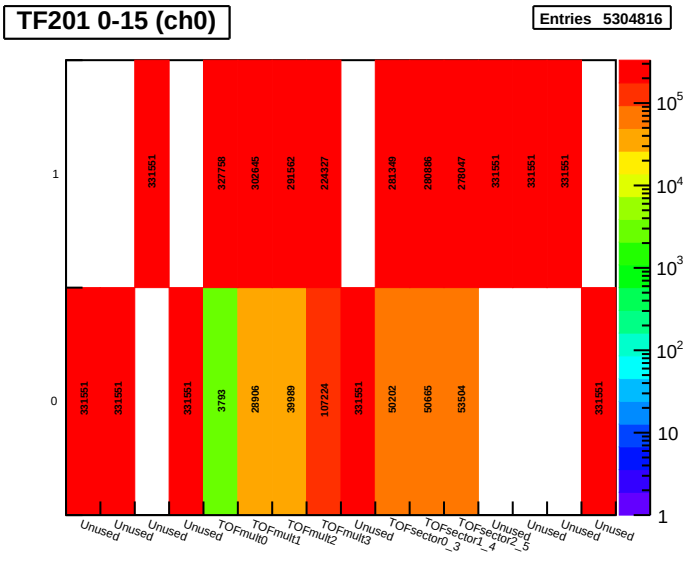

Entries 331551
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

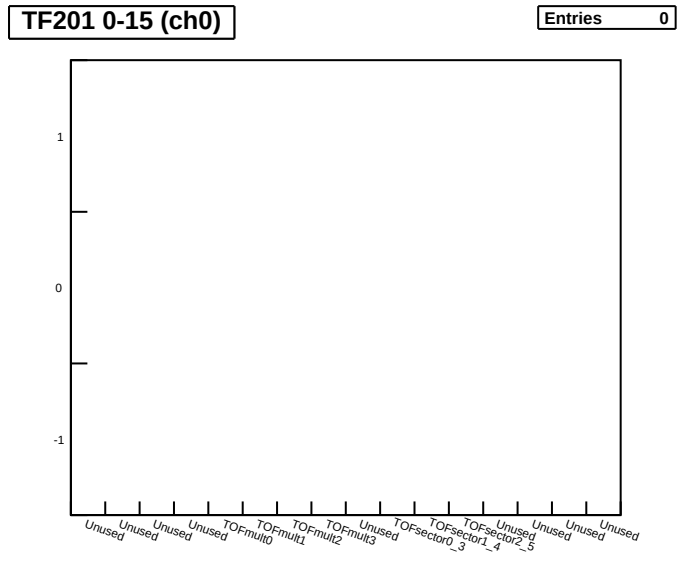

Entries 331551
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

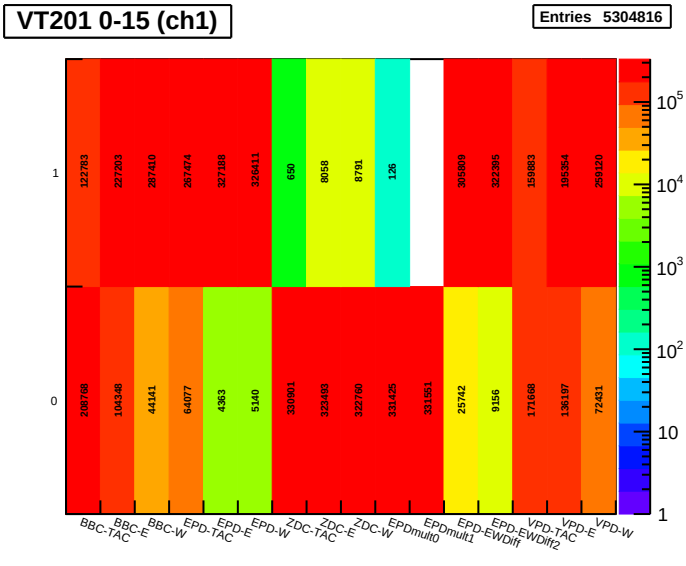

Entries 331551
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

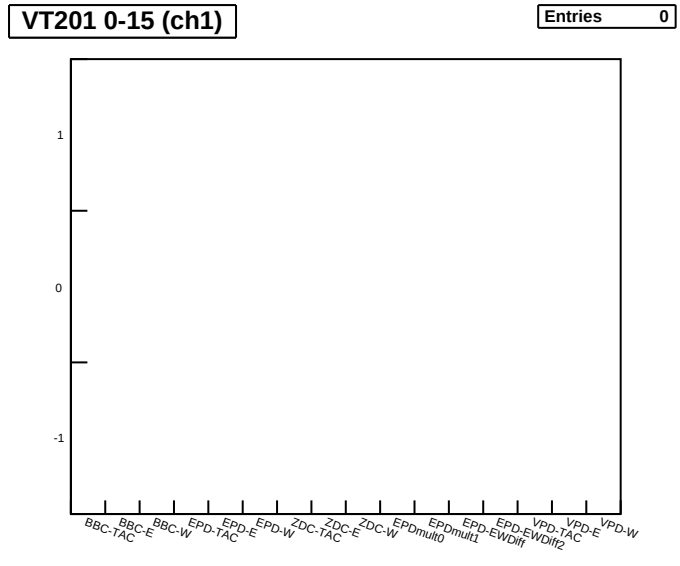

Laser Input Bits
Entries 331551
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

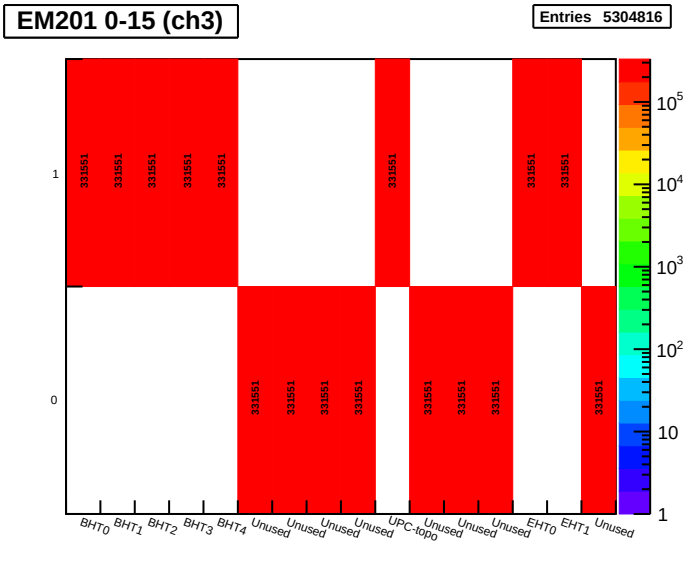

ST201 0-15 (ch6)
Entries 5304816
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
18
331549
331550
331550
331550
331551
331551
331551
331551
331551
331551
331551
331551
331551
331551
331551
331533
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

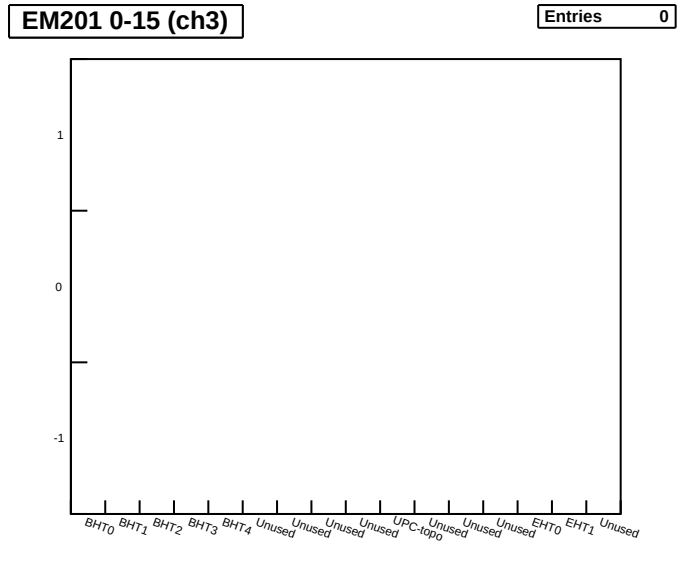

TF201 0-15 (ch0)
Entries 5304816
1
0
331551
327758
302645
281562
224327
281349
280886
278047
331551
331551
331551
331551
331551
3793
28906
39089
107224
50202
50665
53504
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5304816
1
0
122783
227203
287410
267474
327188
326411
650
8058
8791
126
305809
322395
159883
195354
259120
208768
104348
44141
64077
4363
5140
330901
323493
322760
331425
331551
25742
9156
171668
138197
72431
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 5304816
1
0
331551
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