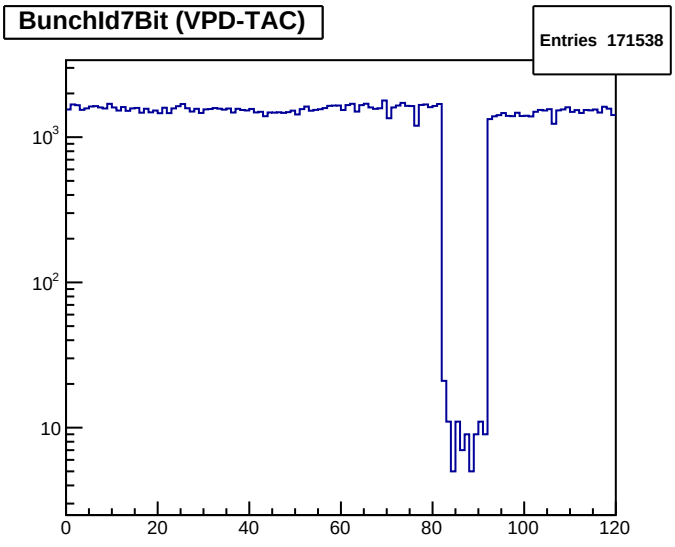
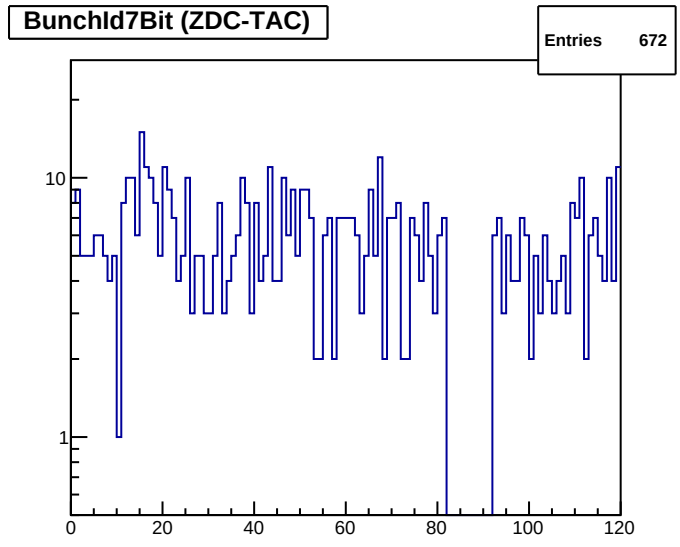
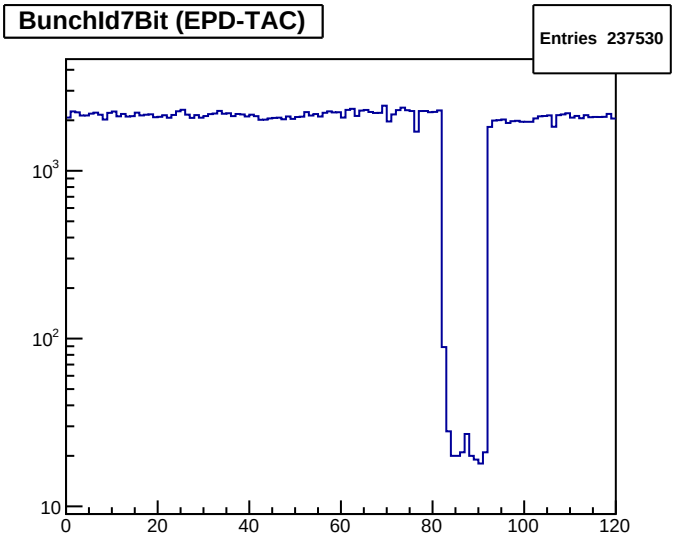
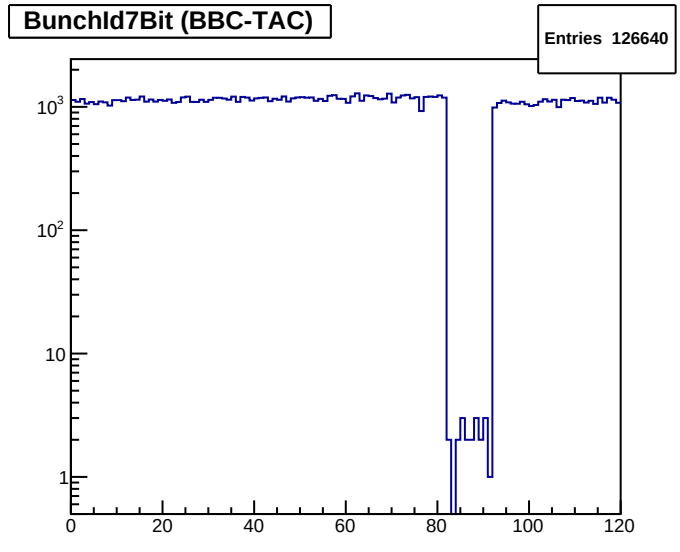
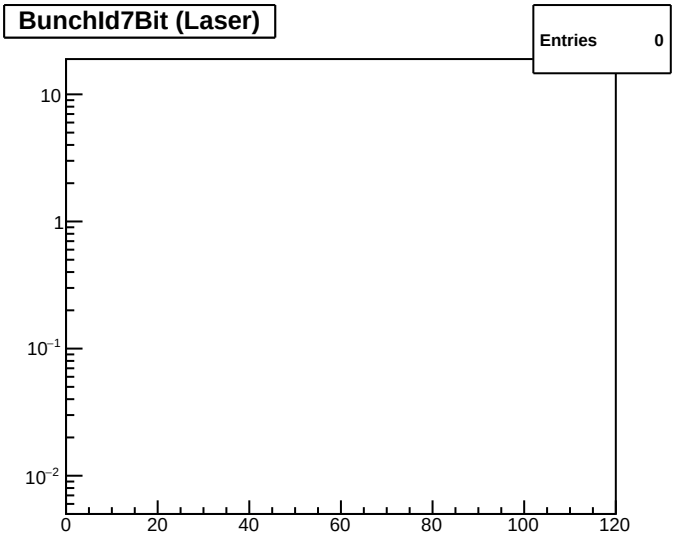
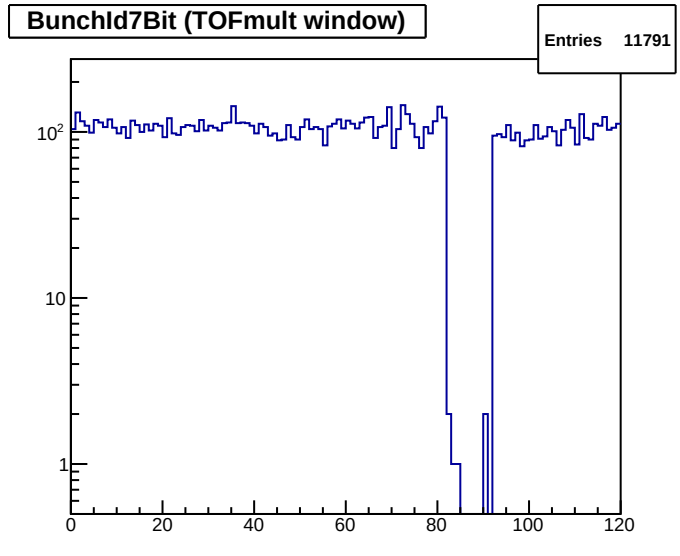

BunchId7Bit (VPD-TAC)
Entries 171538

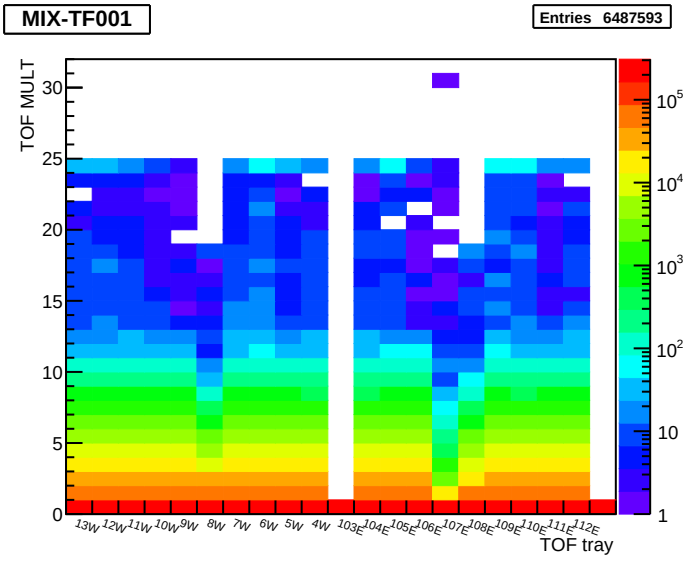

BunchId7Bit (ZDC-TAC)
Entries 672

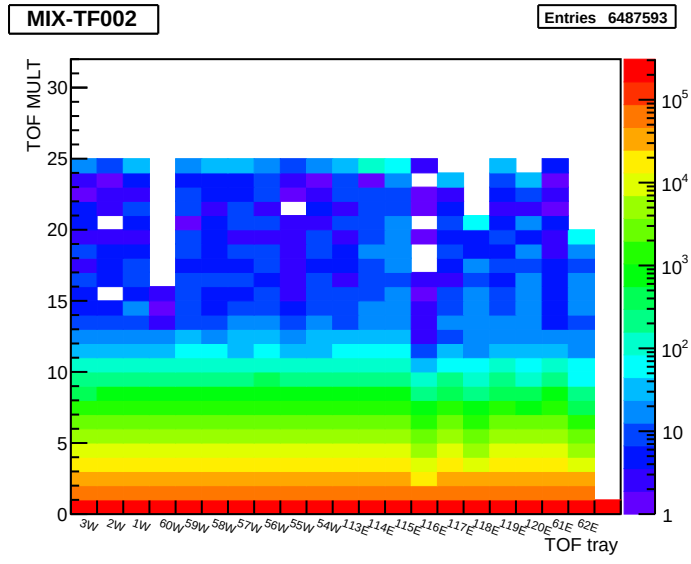

BunchId7Bit (EPD-TAC)
Entries 237530

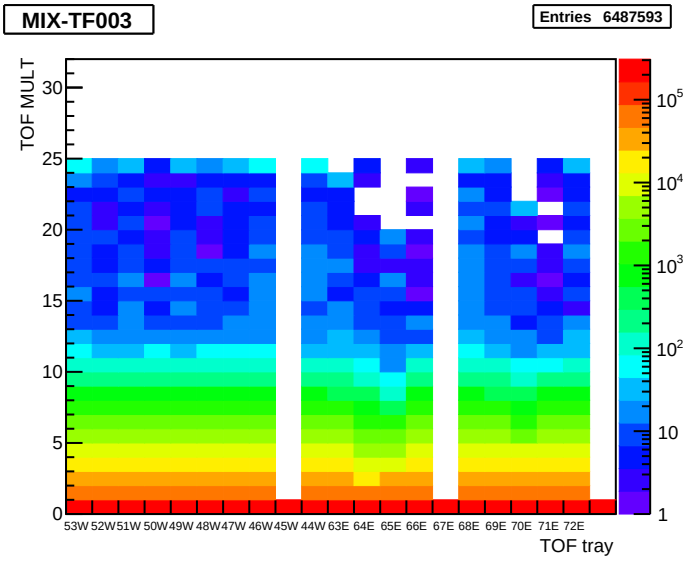

BunchId7Bit (BBC-TAC)
Entries 126640

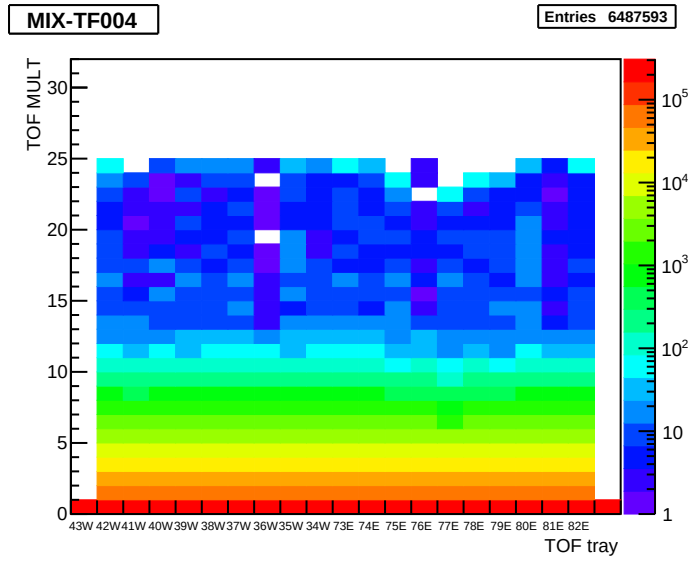

BunchId7Bit (Laser)
Entries 0

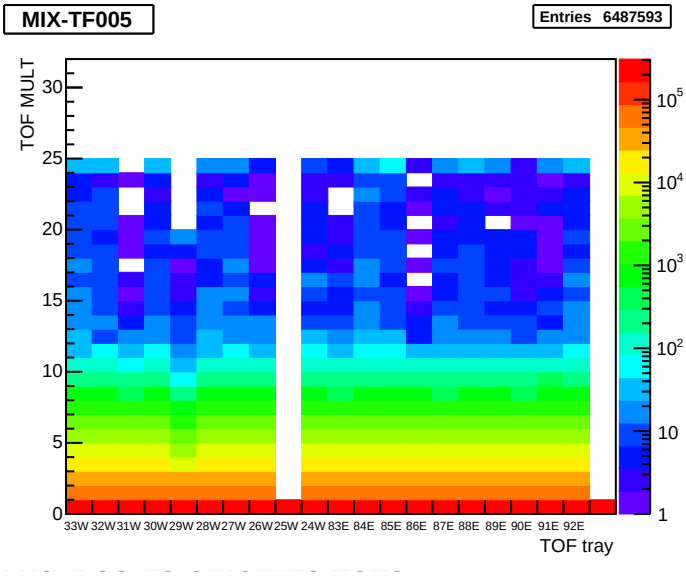

BunchId7Bit (TOFmult window)
Entries 11791

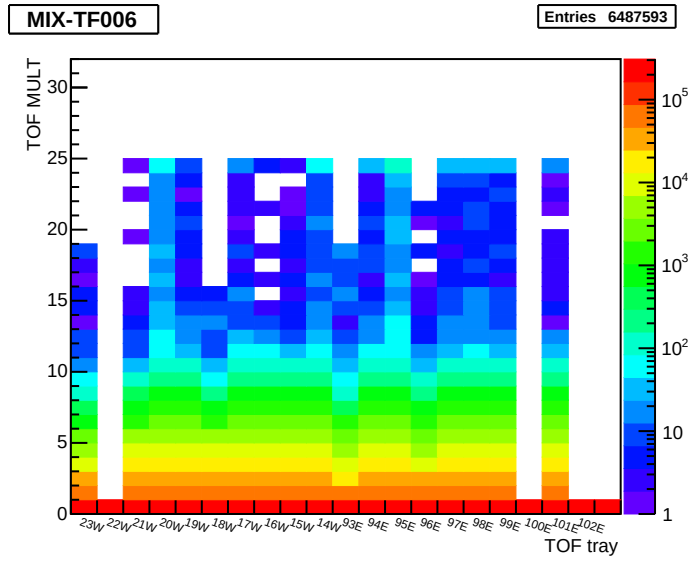

MIX-TF001
Entries 6487593
TOF MULT
TOF tray

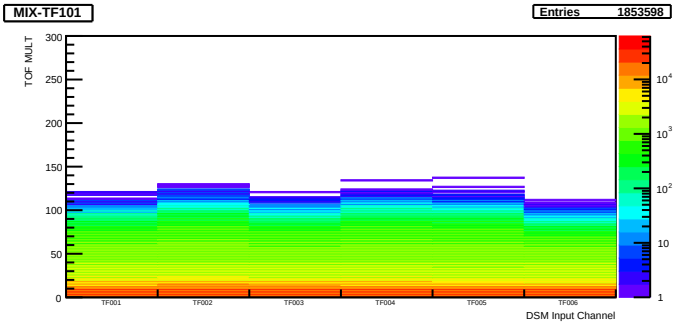

MIX-TF002
Entries 6487593
TOF MULT
TOF tray

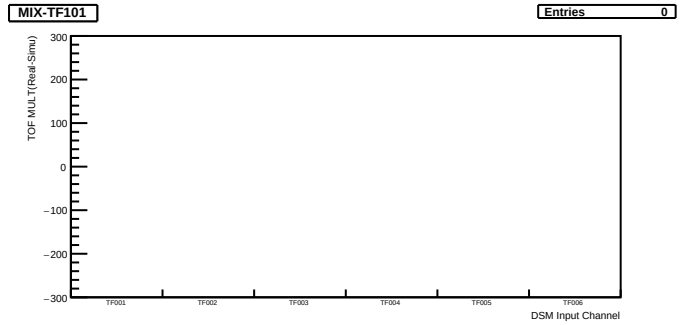

MIX-TF003
Entries 6487593
TOF MULT
TOF tray

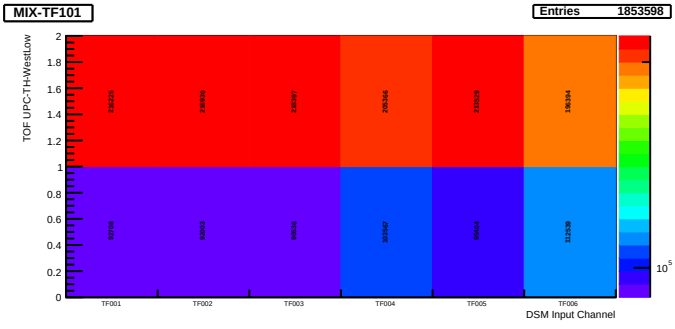

MIX-TF004
Entries 6487593
TOF MULT
TOF tray

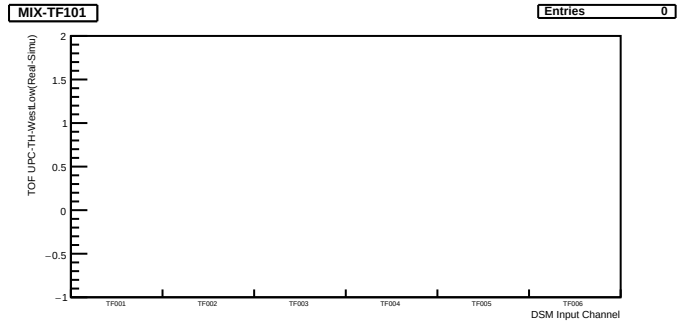

MIX-TF005
Entries 6487593
TOF MULT
TOF tray

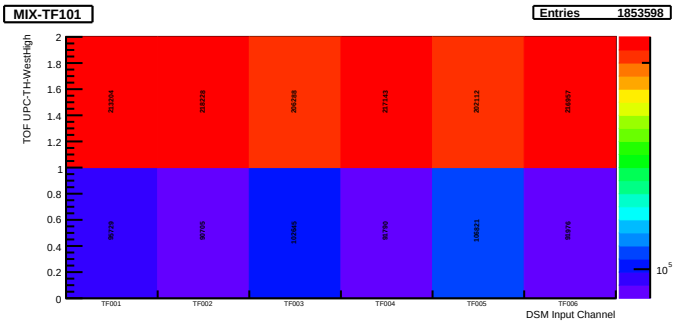

MIX-TF006
Entries 6487593
TOF MULT
TOF tray

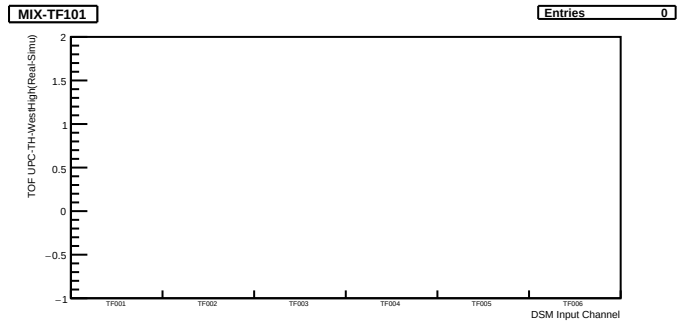

MIX-TF101
Entries 1853598
TOF MULT
DSM Input Channel


MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel


MIX-TF101
Entries 1853598
TOF UPC-TH-WestLow
DSM Input Channel


MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel


MIX-TF101
Entries 1853598
TOF UPC-TH-WestHigh
DSM Input Channel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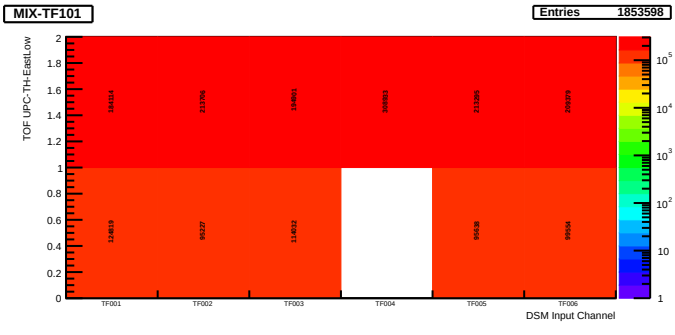
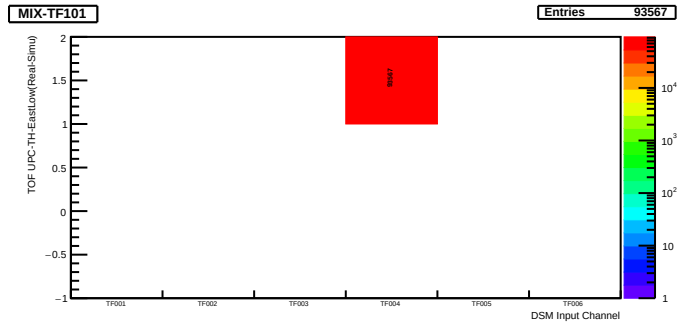
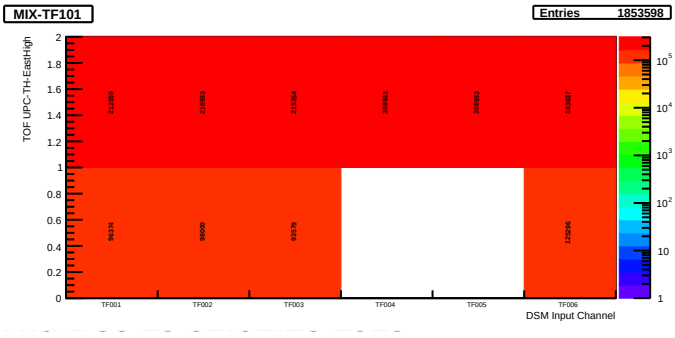
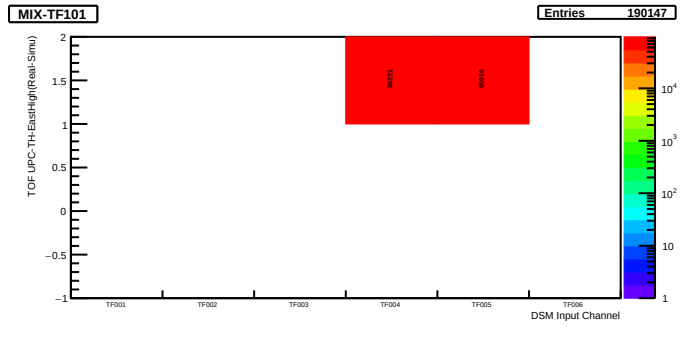
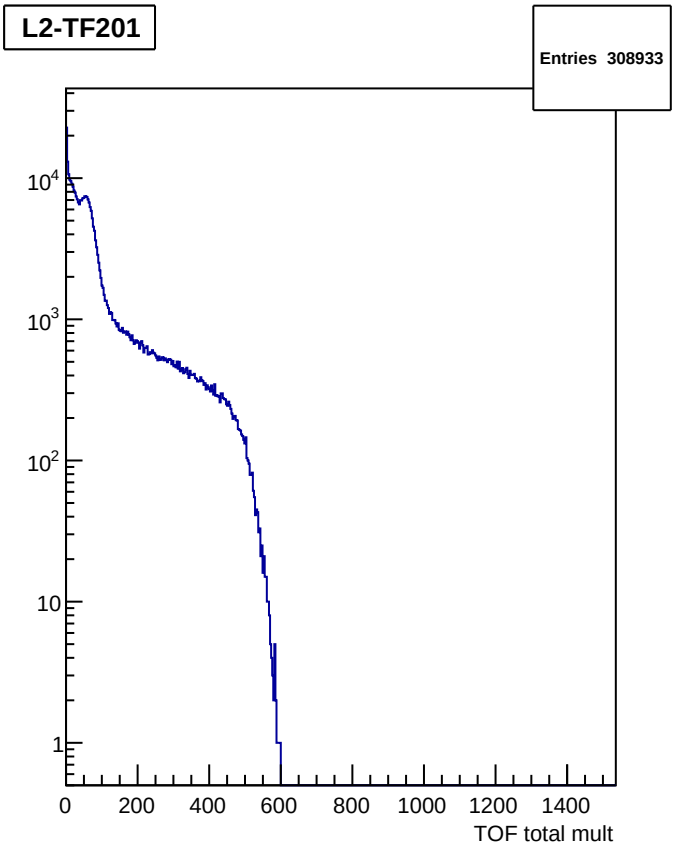
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

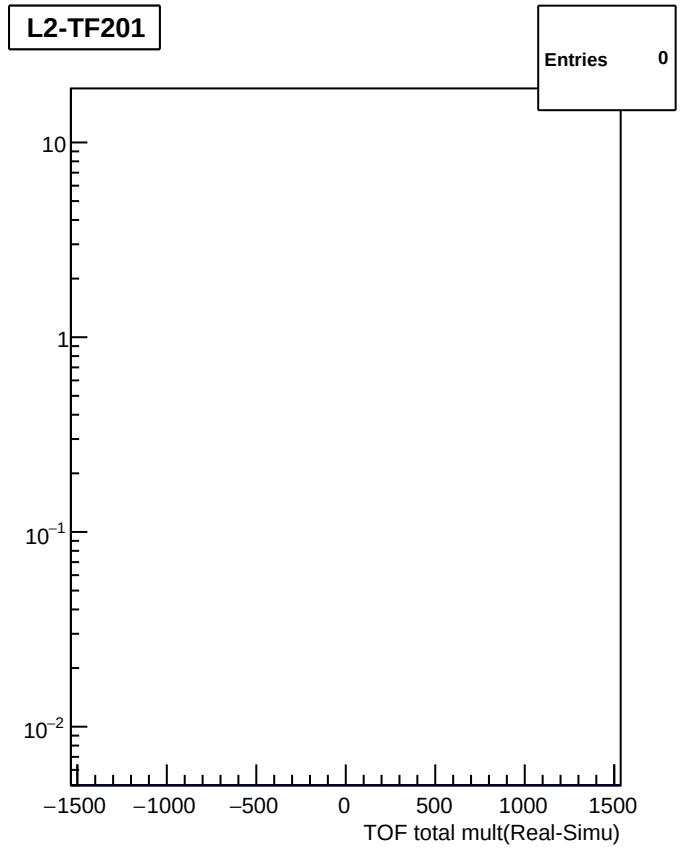

MIX-TF101
Entries 1853598
TOF UPC-TH-EastLow
DSM Input Channel

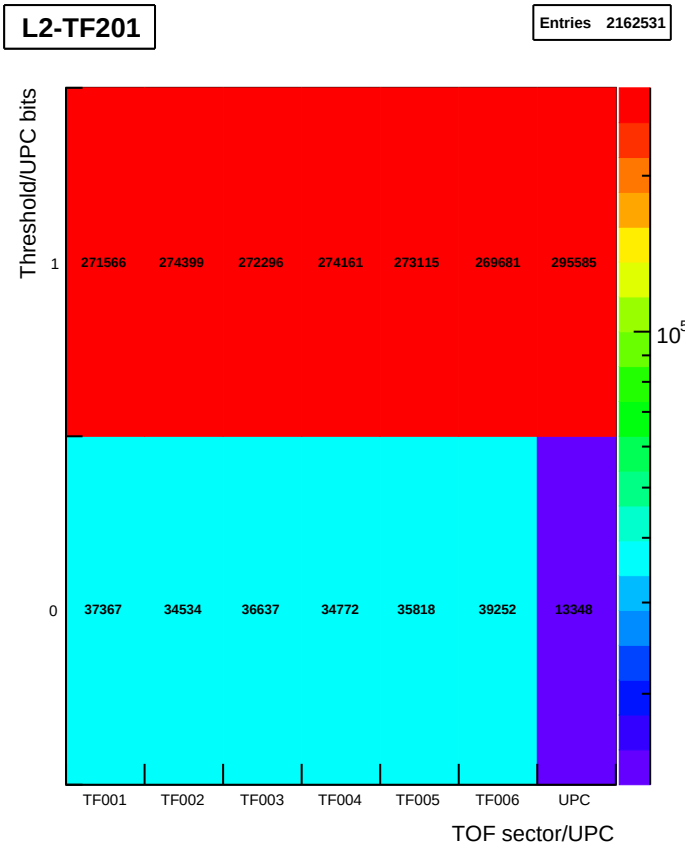

MIX-TF101
Entries 93567
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

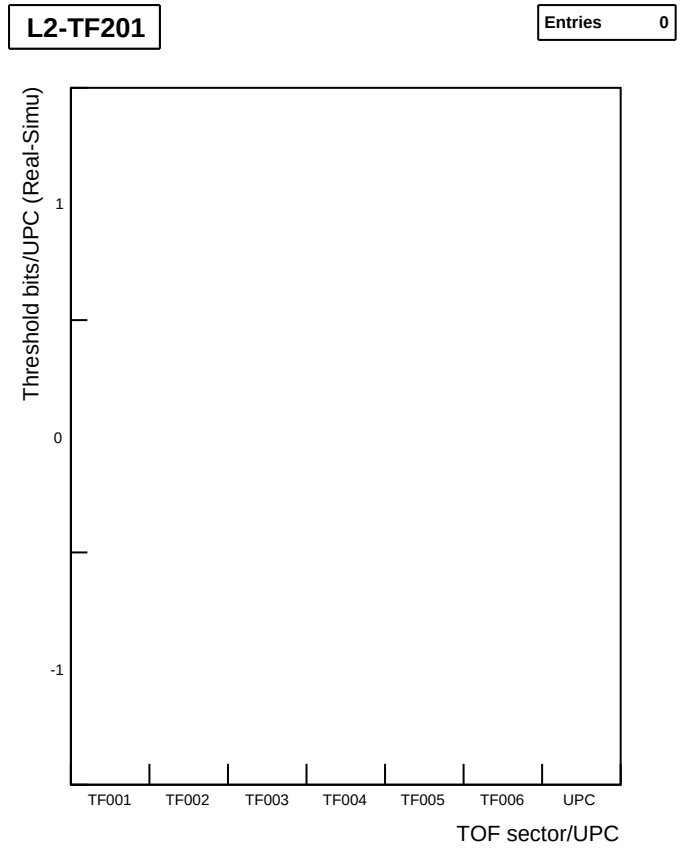

MIX-TF101
Entries 1853598
TOF UPC-TH-EastHigh
DSM Input Channel

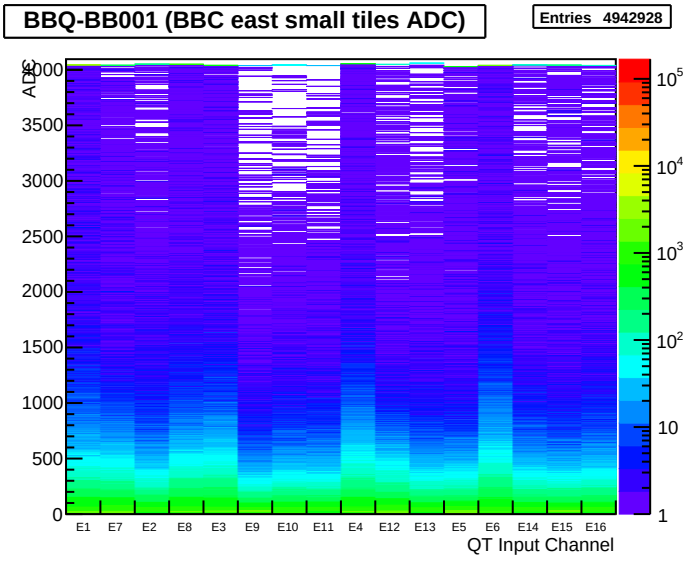

MIX-TF101
Entries 190147
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

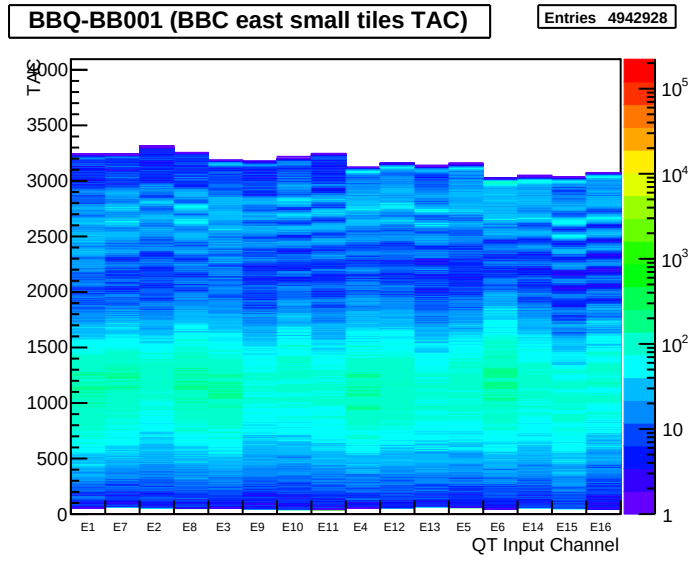

L2-TF201
Entries 308933
TOF total mult

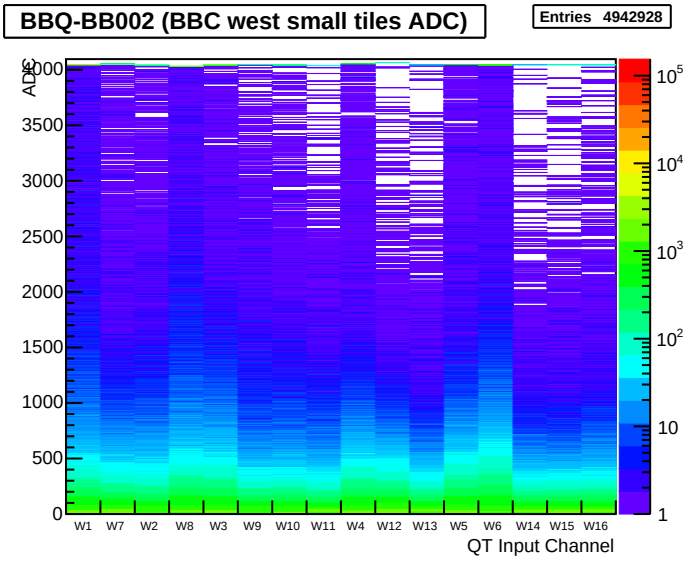

L2-TF201
Entries 0
TOF total mult(Real-Simu)

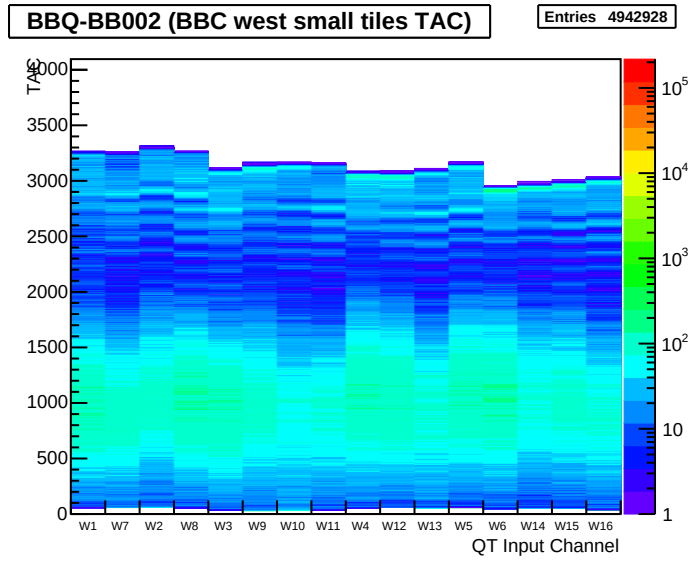

L2-TF201
Entries 2162531
Threshold/UPC bits
271566 274399 272296 274161 273115 269681 295585
37367 34534 36637 34772 35818 39252 13348
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

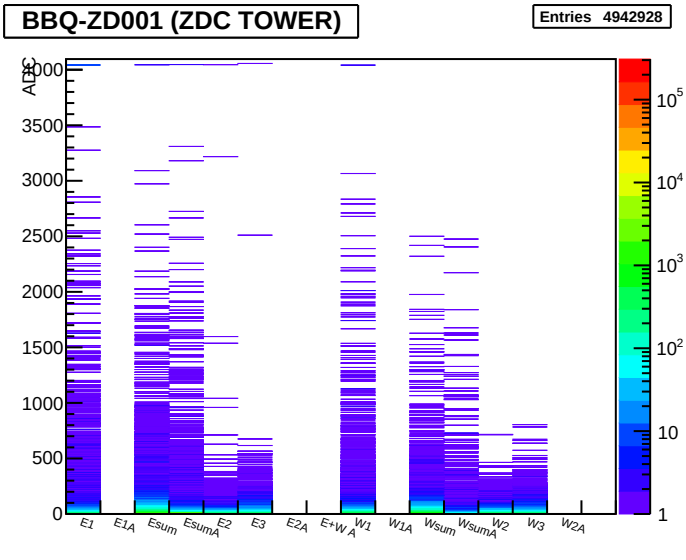

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

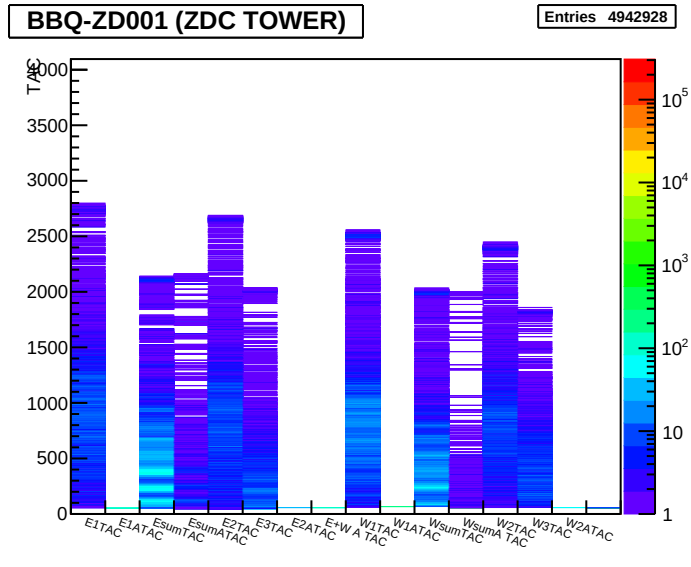

BBQ-BB001 (BBC east small tiles ADC)
Entries 4942928
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

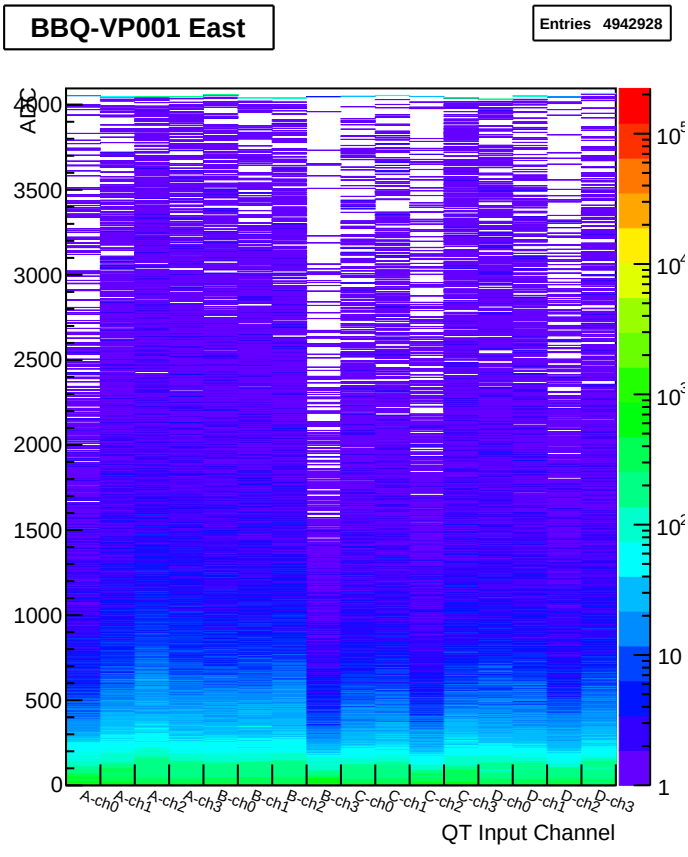

BBQ-BB001 (BBC east small tiles TAC)
Entries 4942928
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

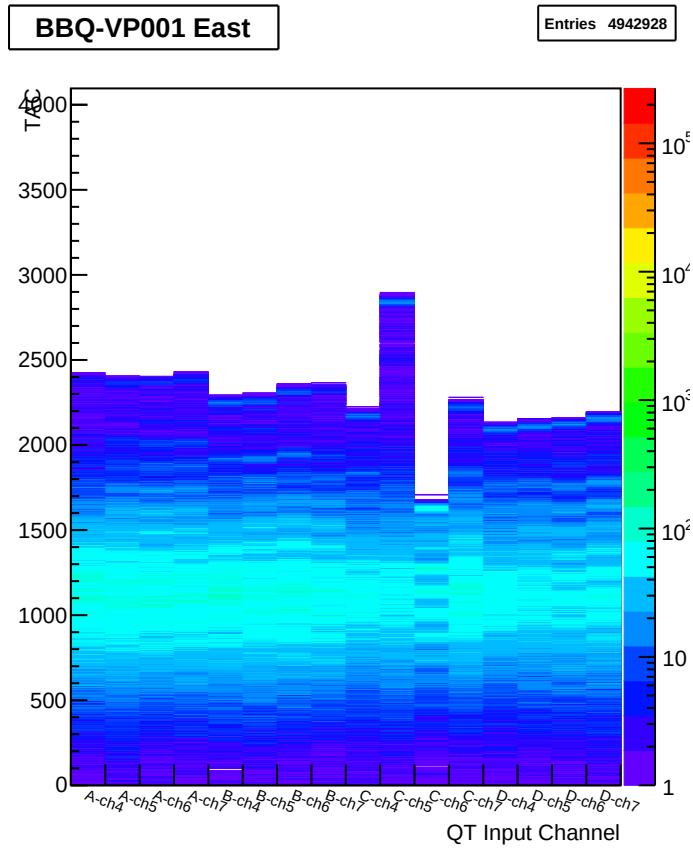

BBQ-BB002 (BBC west small tiles ADC)
Entries 4942928
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

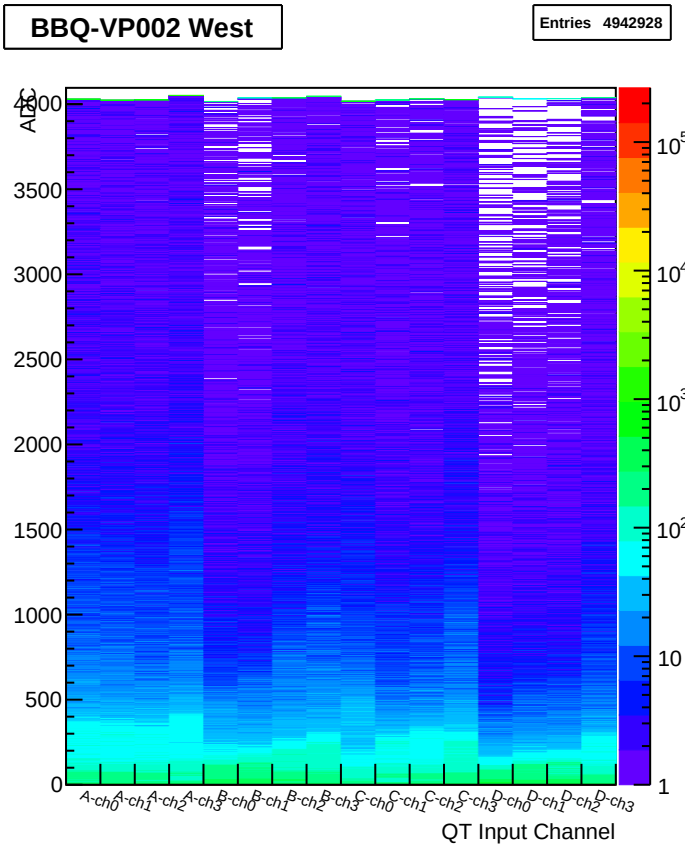

BBQ-BB002 (BBC west small tiles TAC)
Entries 4942928
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

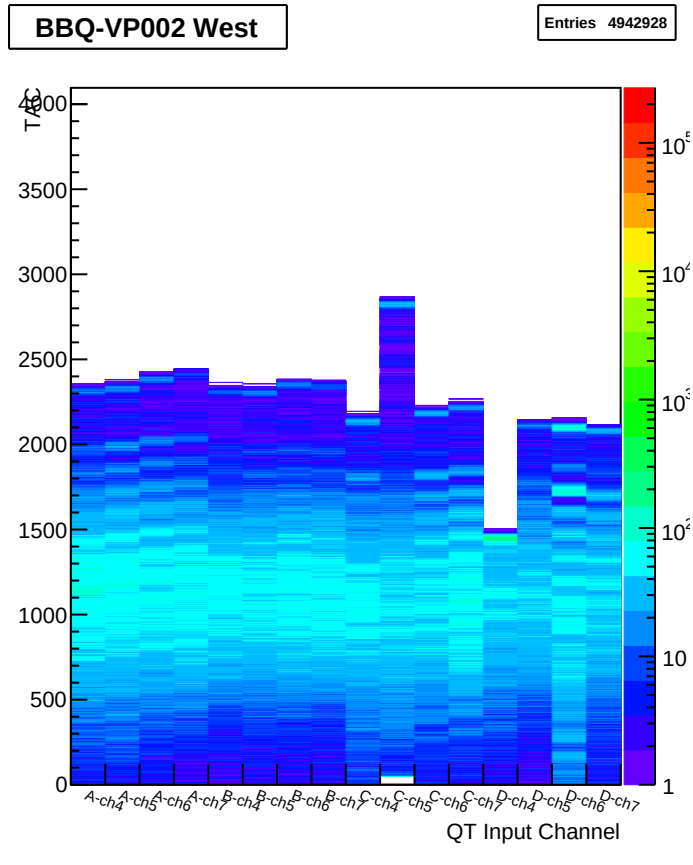

BBQ-ZD001 (ZDC TOWER)
Entries 4942928
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

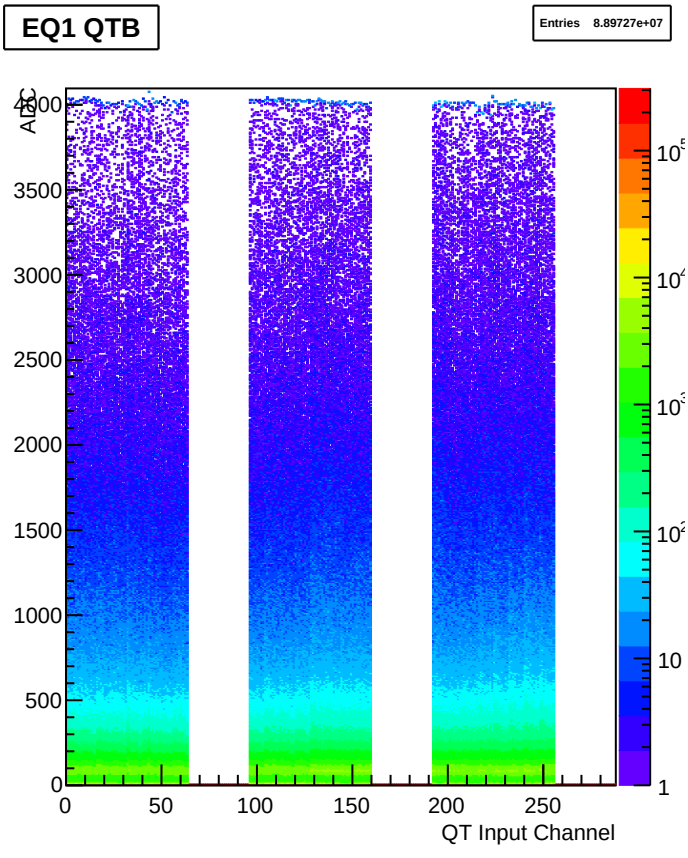

BBQ-ZD001 (ZDC TOWER)
Entries 4942928
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

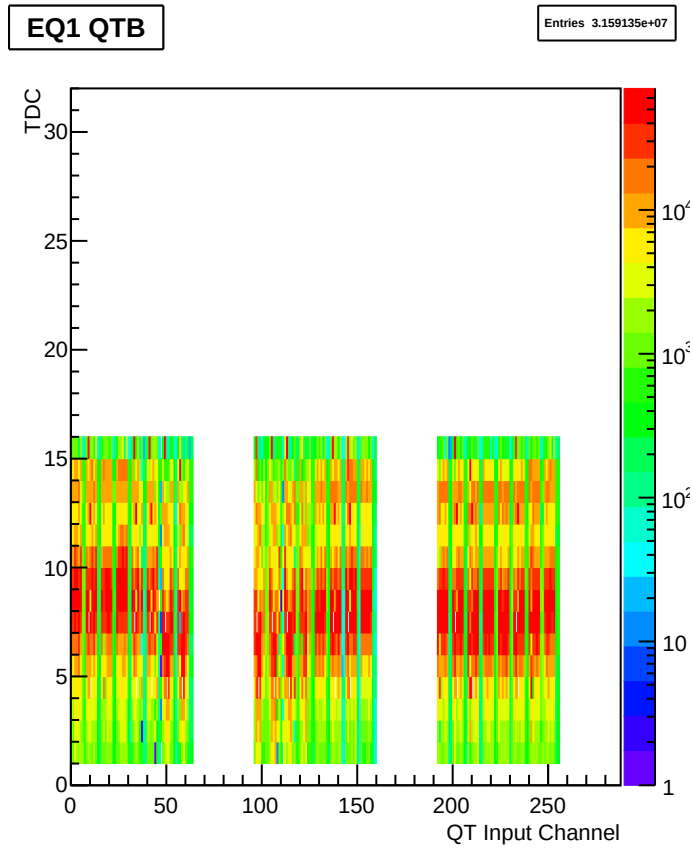

BBQ-VP001 East
Entries 4942928
ADC
QT Input Channel

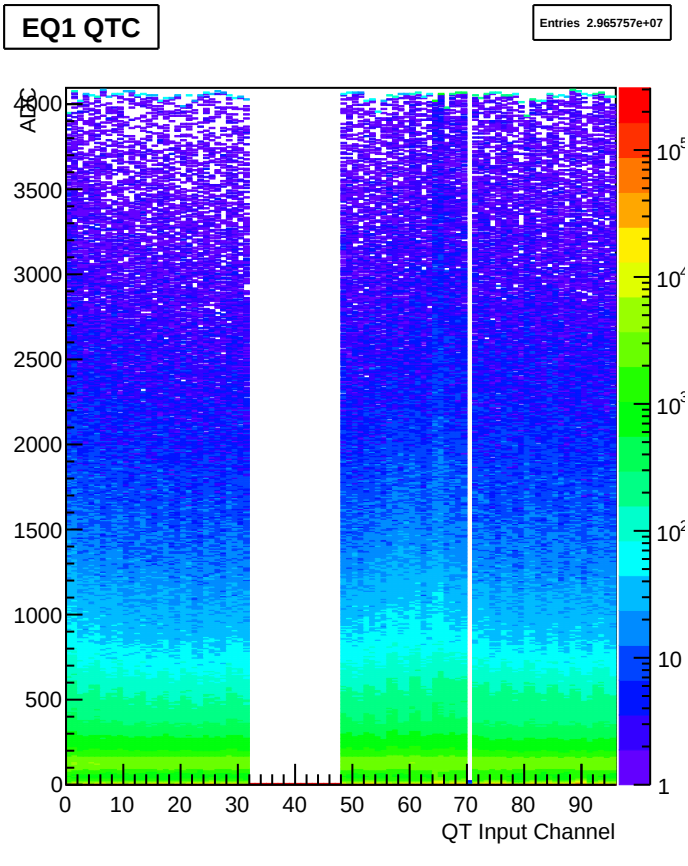

BBQ-VP001 East
Entries 4942928
TADC
QT Input Channel

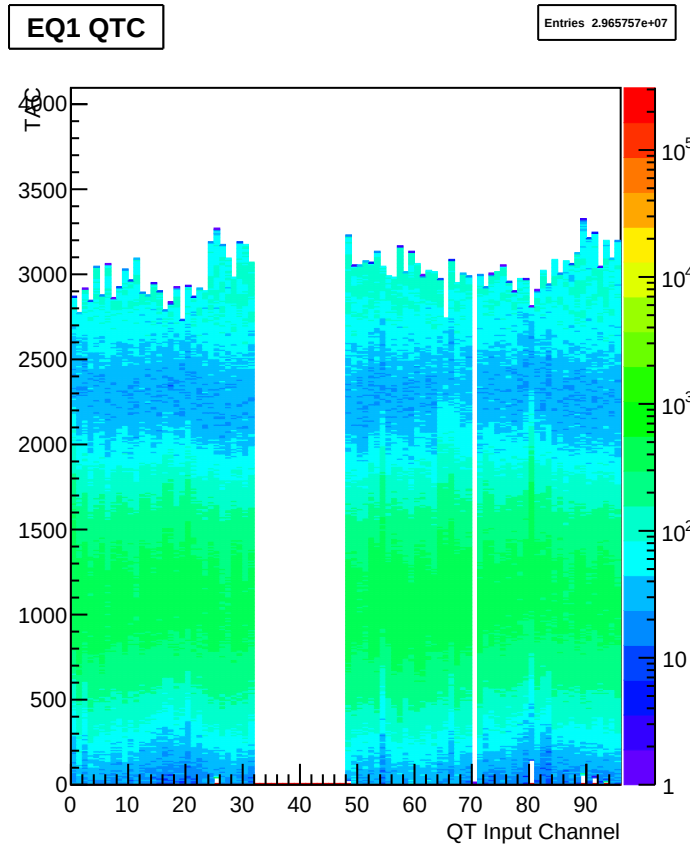

BBQ-VP002 West
Entries 4942928
ADC
QT Input Channel

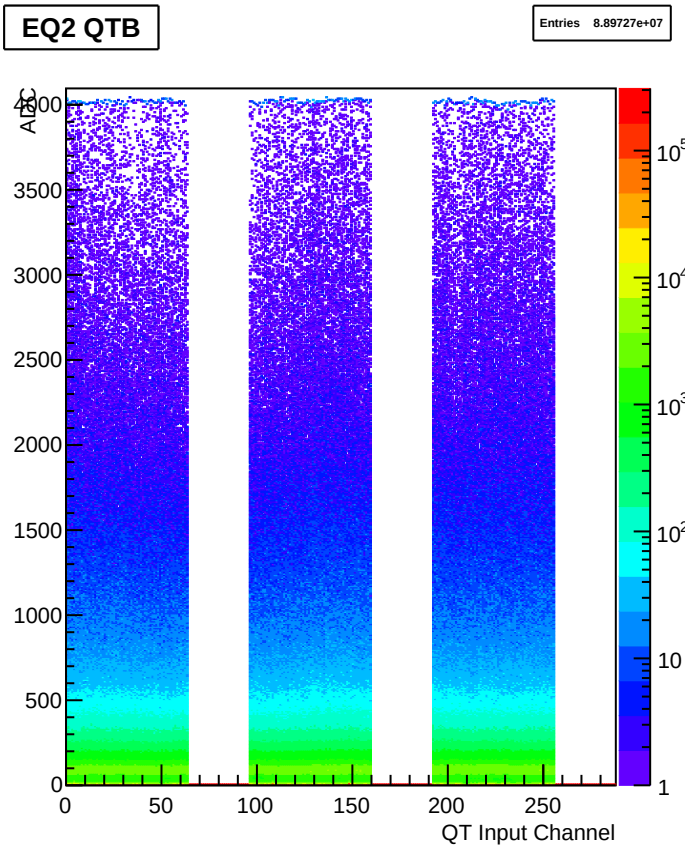

BBQ-VP002 West
Entries 4942928
TADC
QT Input Channel

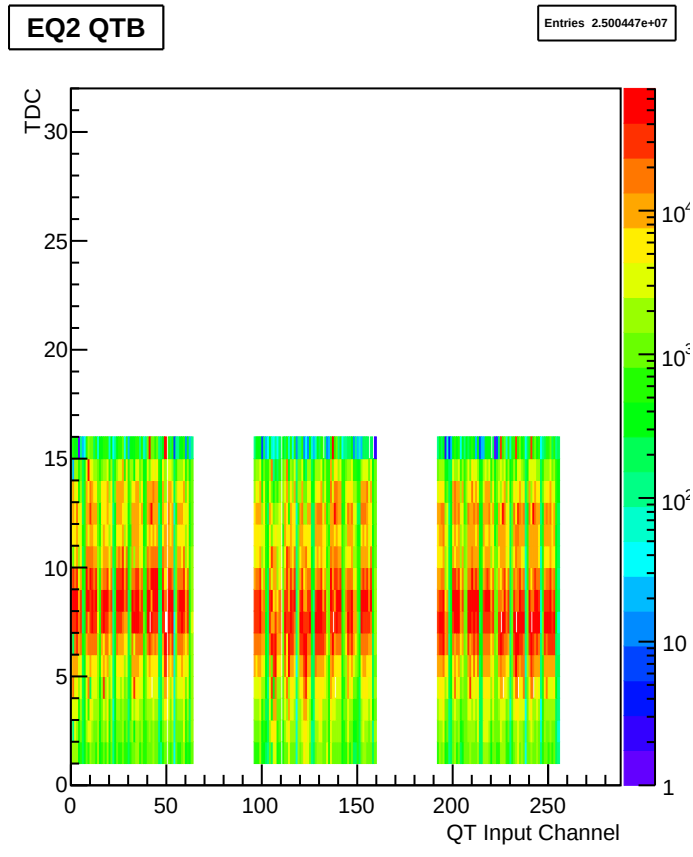

EQ1 QTB
Entries 8.89727e+07
ADC
QT Input Channel

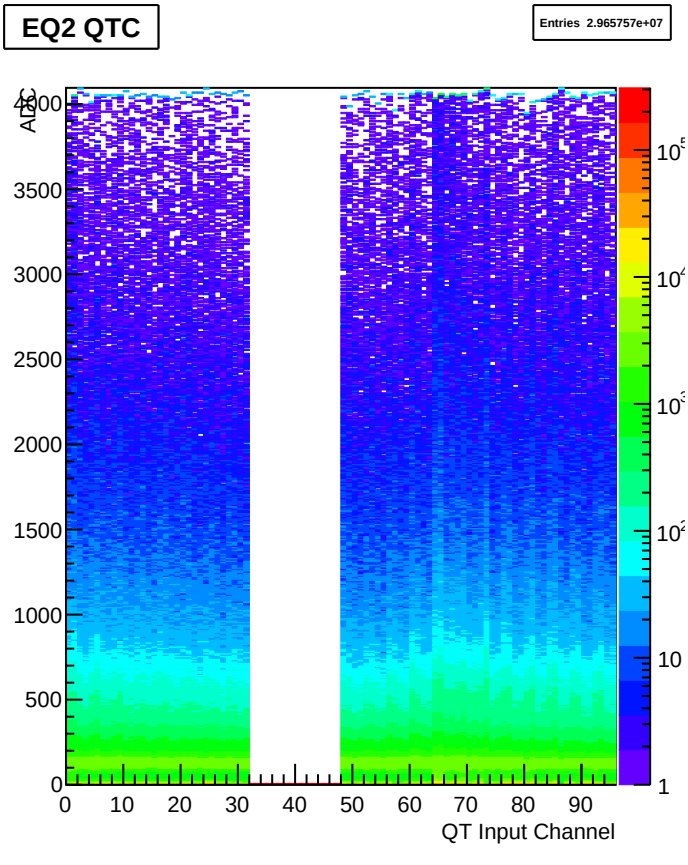

EQ1 QTB
Entries 3.159135e+07
TDC
QT Input Channel

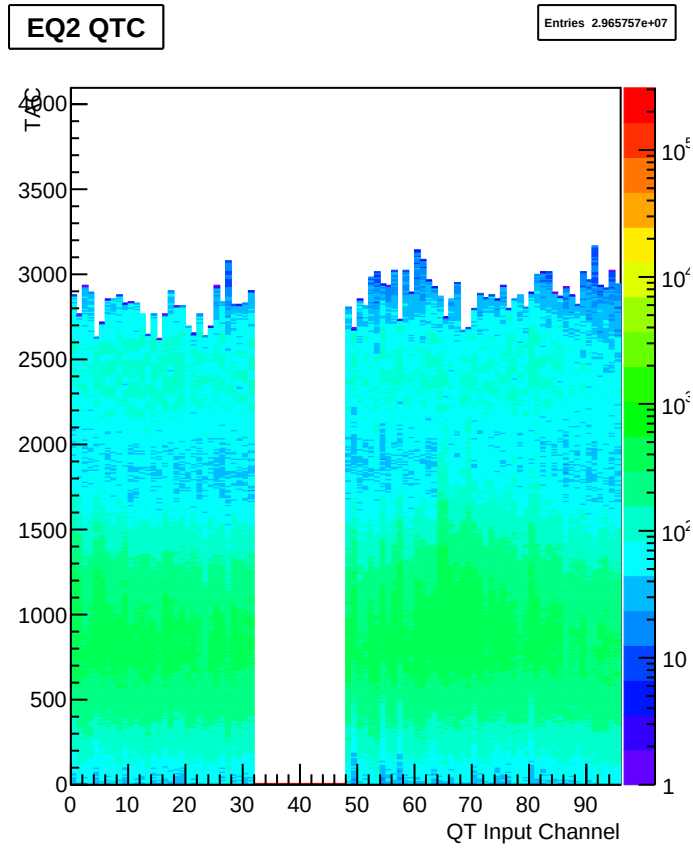

EQ1 QTC
Entries 2.965757e+07
ADC
QT Input Channel

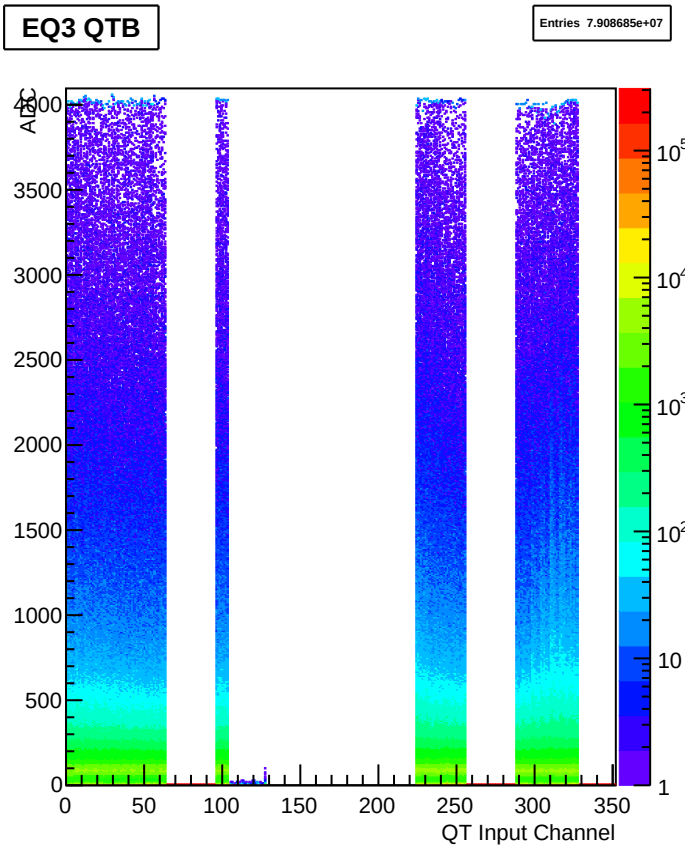

EQ1 QTC
Entries 2.965757e+07
TADC
QT Input Channel

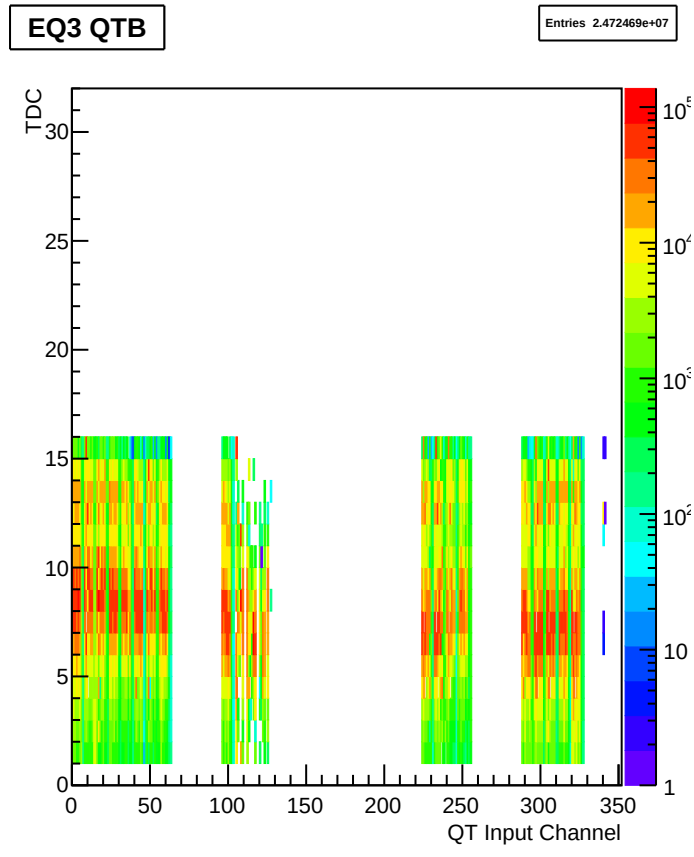

EQ2 QTB
Entries 8.89727e+07
ADC
QT Input Channel


EQ2 QTB
Entries 2.500447e+07
TDC
QT Input Channel


EQ2 QTC
Entries 2.965757e+07
ADC
QT Input Channel


EQ2 QTC
Entries 2.965757e+07
TADC
QT Input Channel


EQ3 QTB
Entries 7.908685e+07
ADC
QT Input Channel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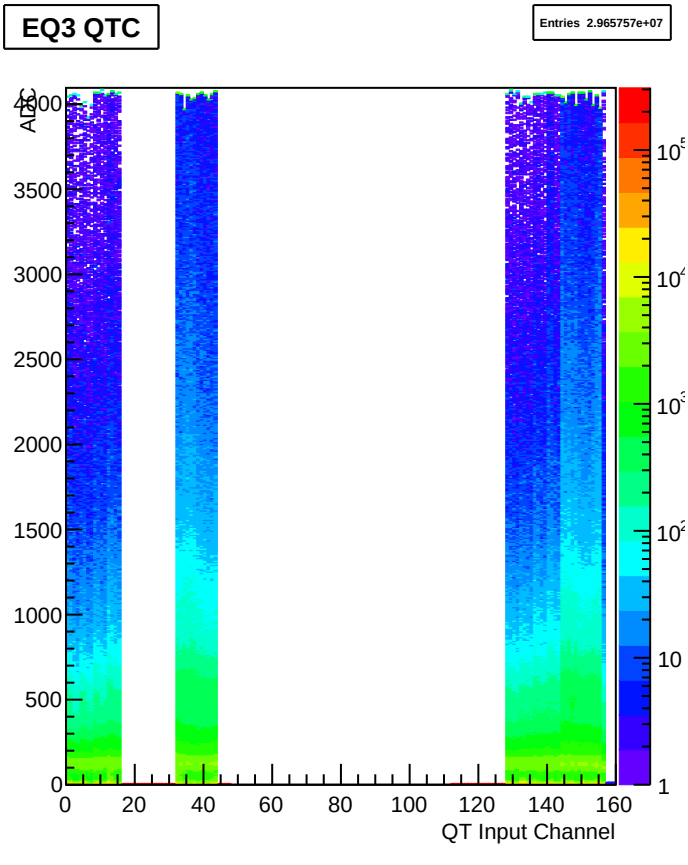
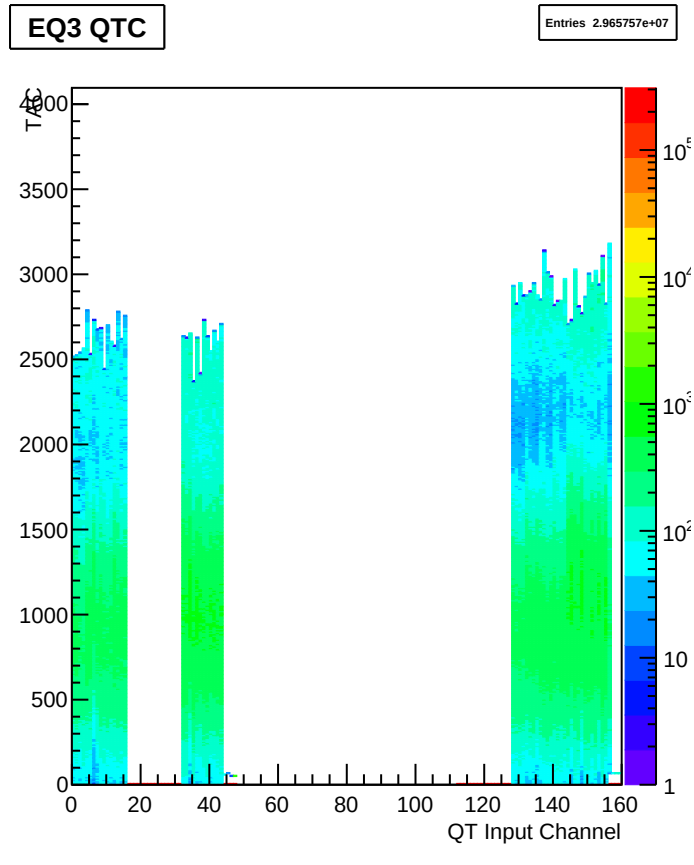
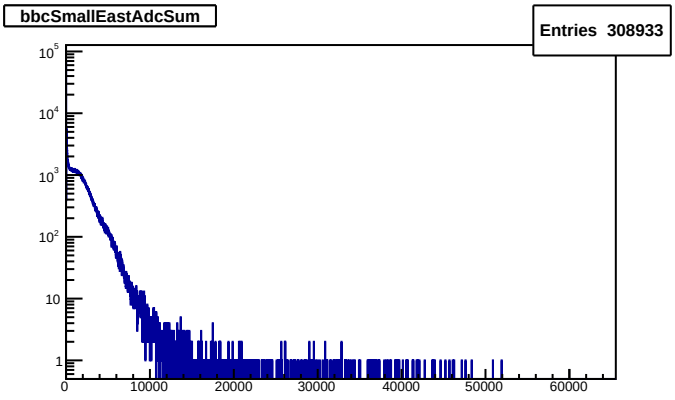
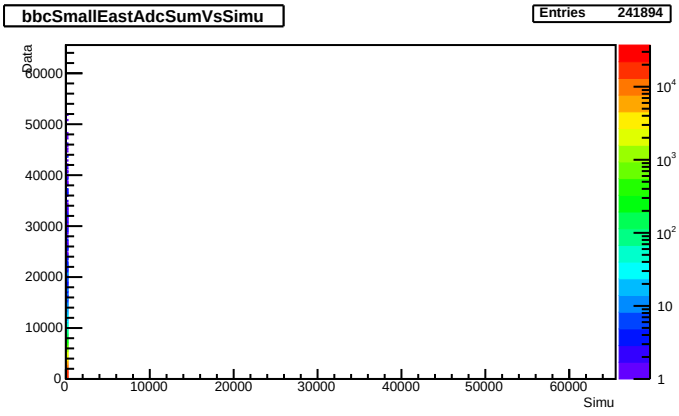
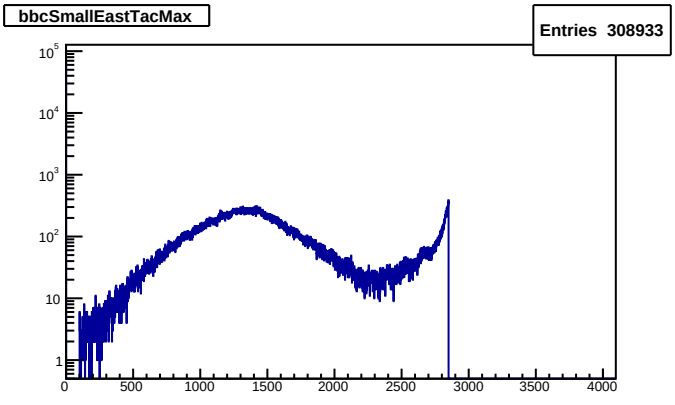
Entries 2.472469e+07
TDC
QT Input Channel

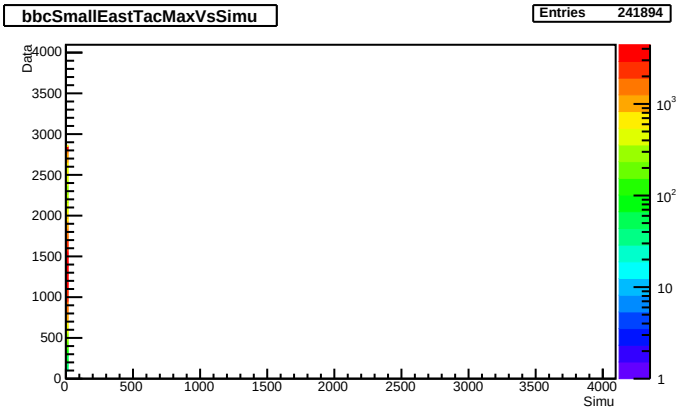

EQ3 QTC
Entries 2.965757e+07
ADC
QT Input Channel

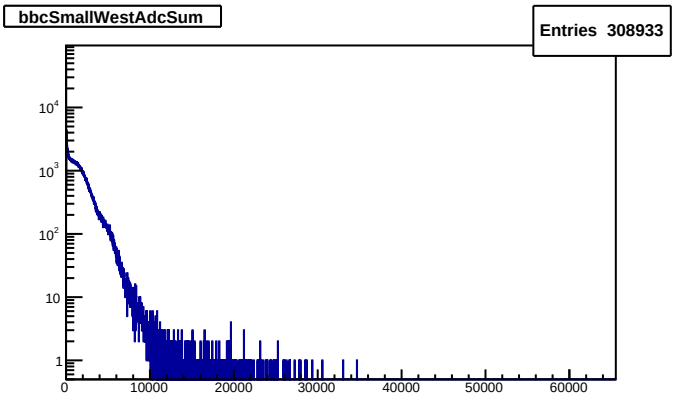

EQ3 QTC
Entries 2.965757e+07
TADC
QT Input Channel

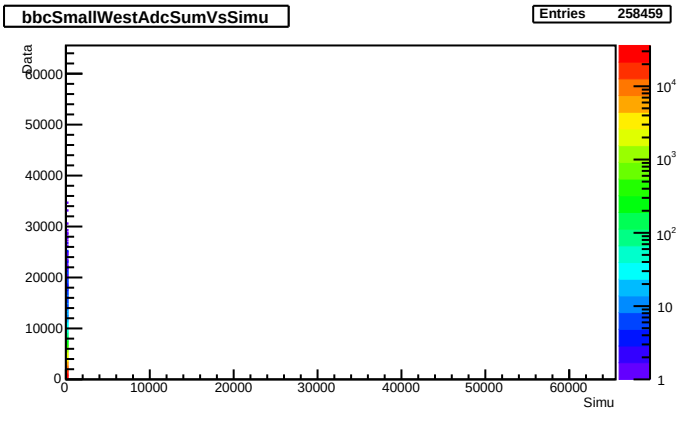

bbcSmallEastAdcSum
Entries 308933

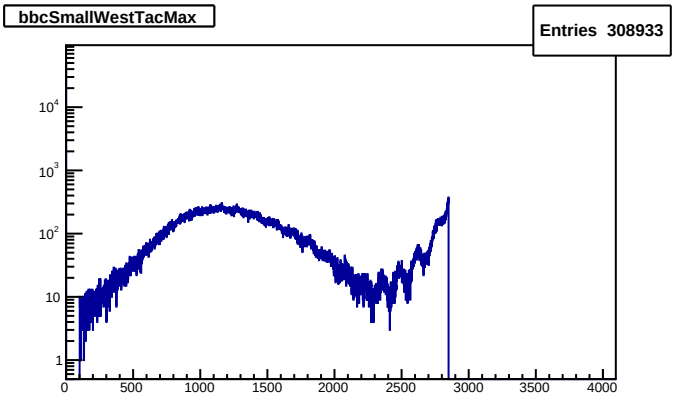

bbcSmallEastAdcSumVsSimu
Entries 241894
Data
Simu

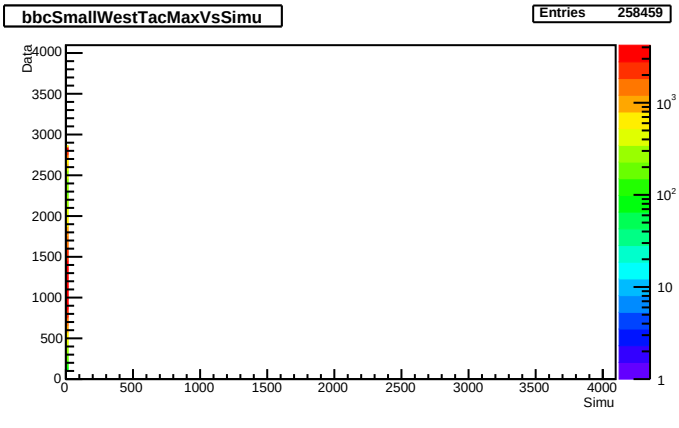

bbcSmallEastTacMax
Entries 308933

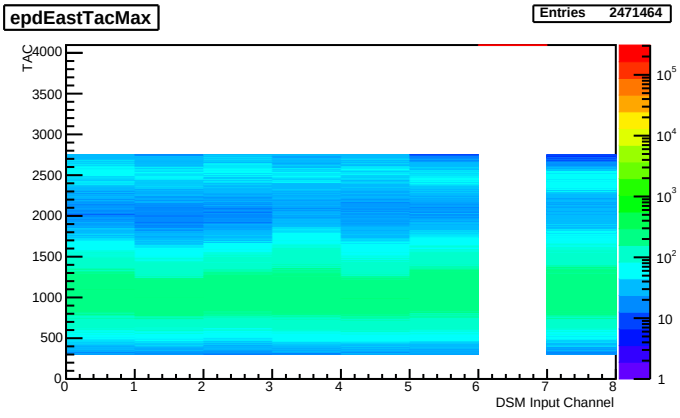

bbcSmallEastTacMaxVsSimu
Entries 241894
Data
Simu

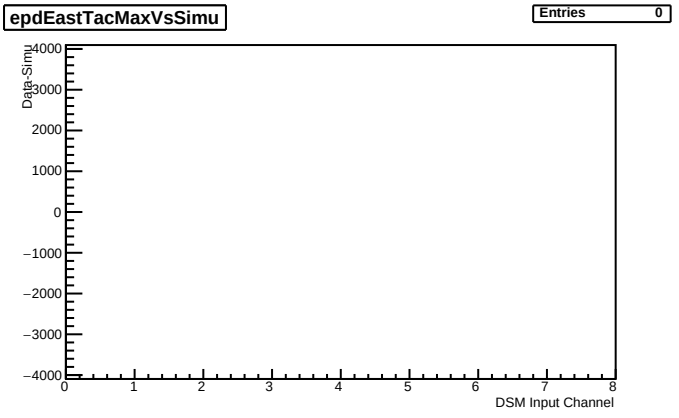

bbcSmallWestAdcSum
Entries 308933

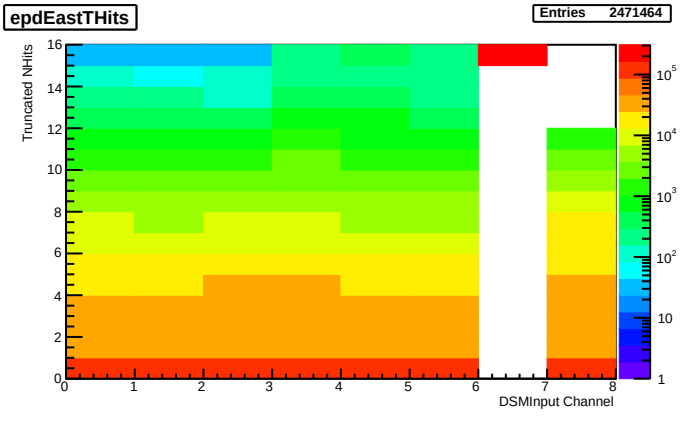

bbcSmallWestAdcSumVsSimu
Entries 258459
Data
Simu

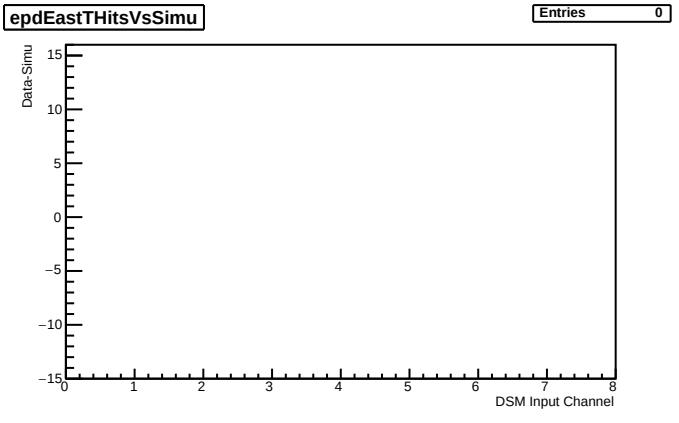

bbcSmallWestTacMax
Entries 308933

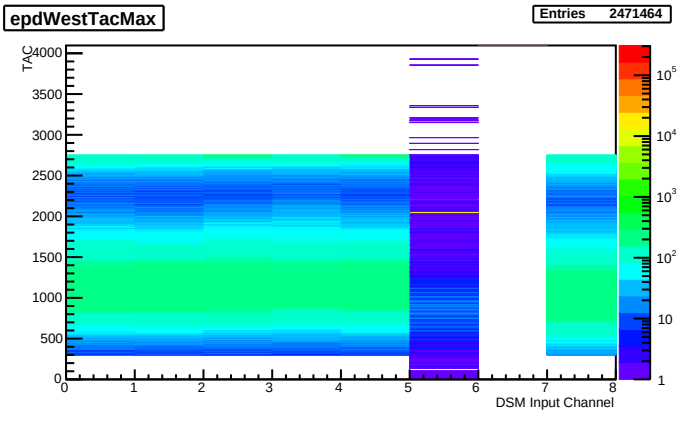

bbcSmallWestTacMaxVsSimu
Entries 258459
Data
Simu

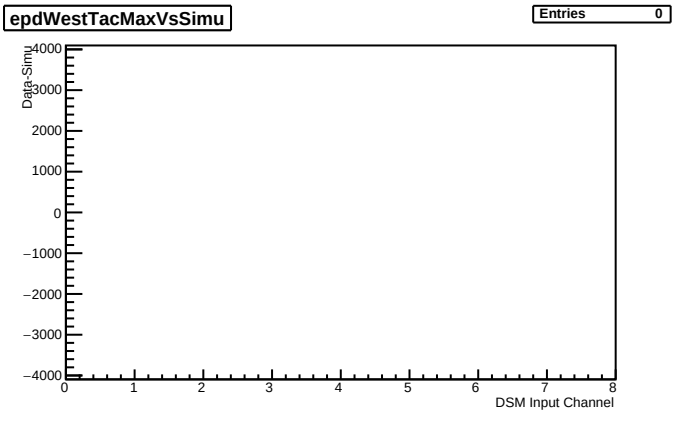

epdEastTacMax
Entries 2471464
TAC
DSM Input Channel

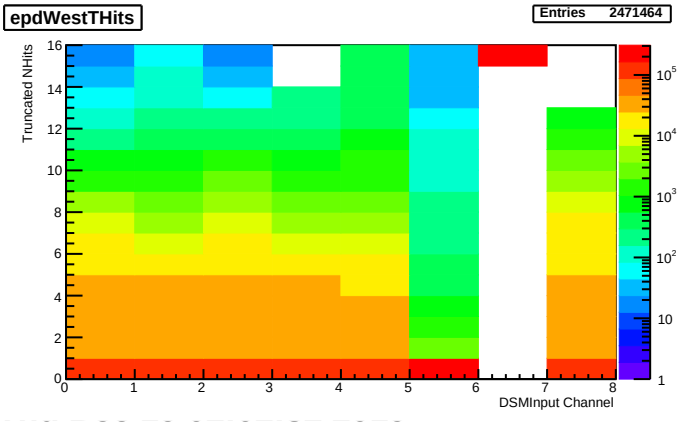

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

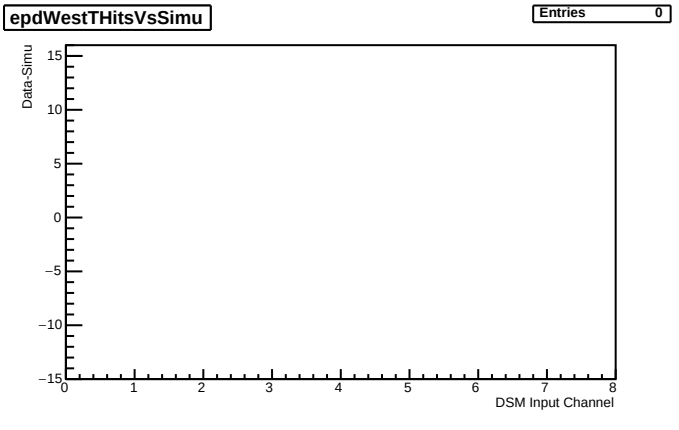

epdEastTHits
Entries 2471464
Truncated NHits
DSMInput Channel

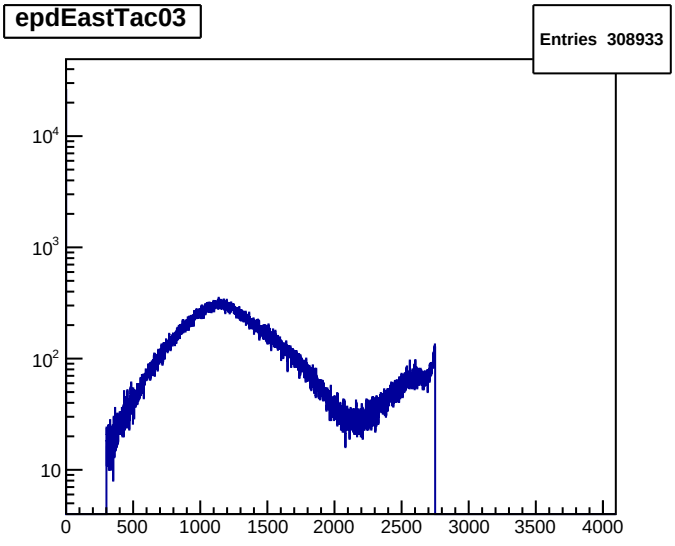

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

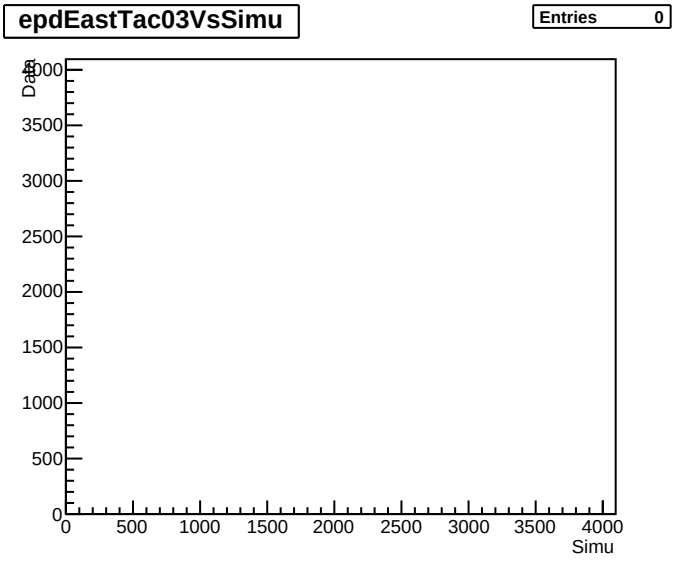

epdWestTacMax
Entries 2471464
TAC
DSM Input Channel

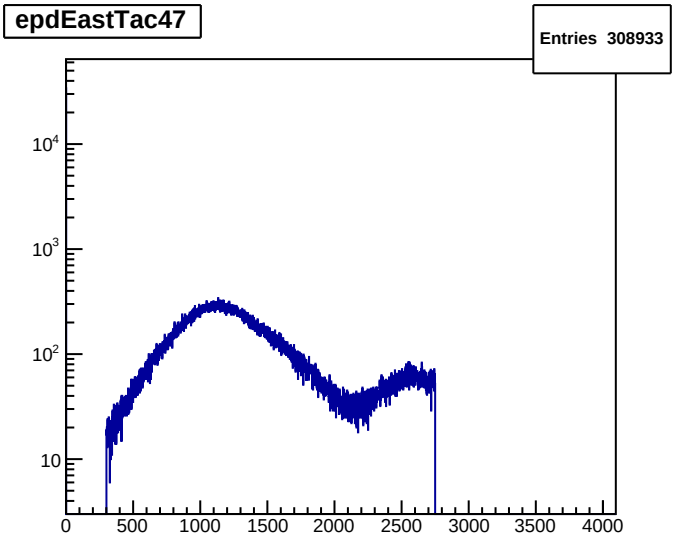

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

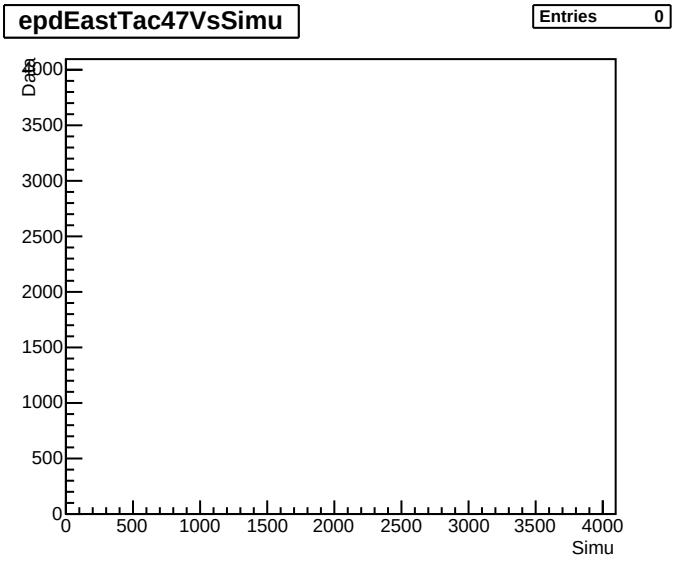

epdWestTHits
Entries 2471464
Truncated NHits
DSMInput Channel

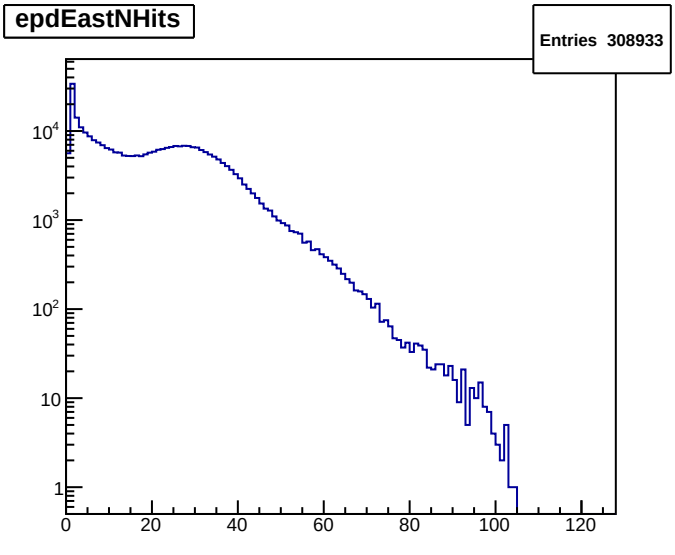

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

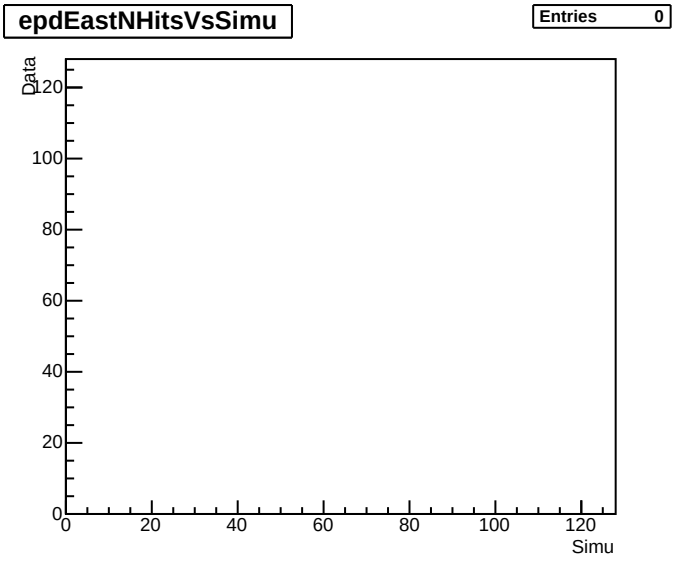

epdEastTac03
Entries 308933

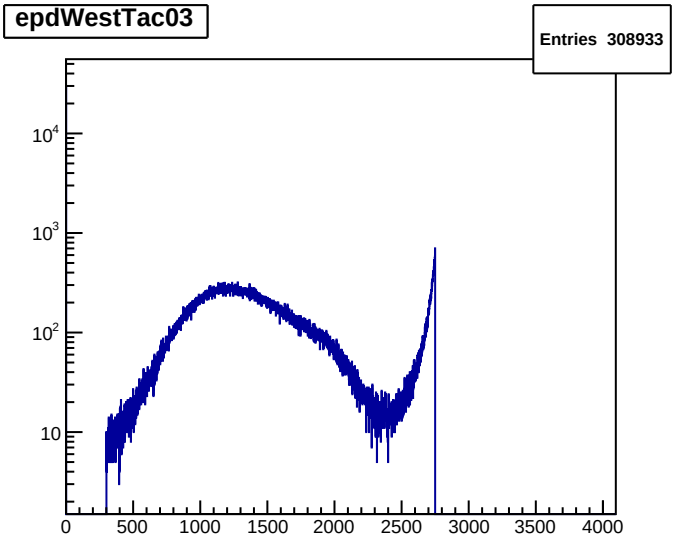

epdEastTac03VsSimu
Entries 0
Data
Simu

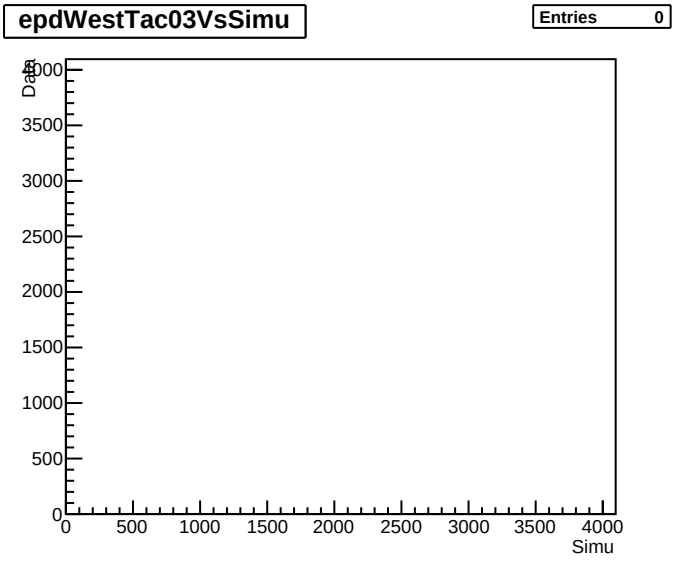

epdEastTac47
Entries 308933

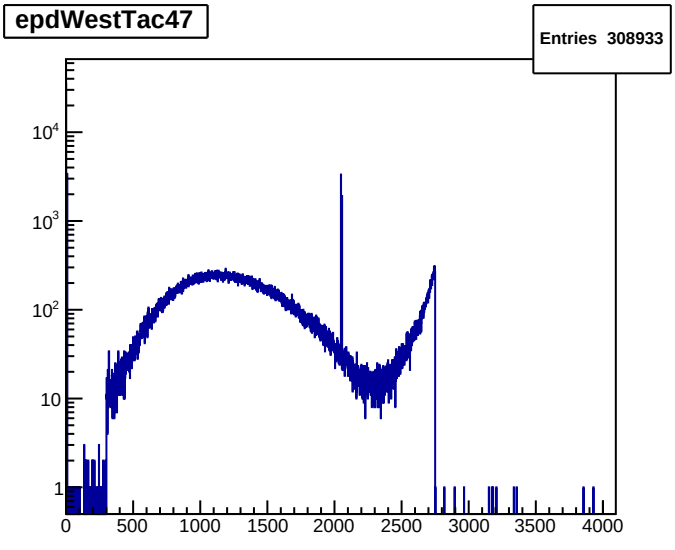

epdEastTac47VsSimu
Entries 0
Data
Simu

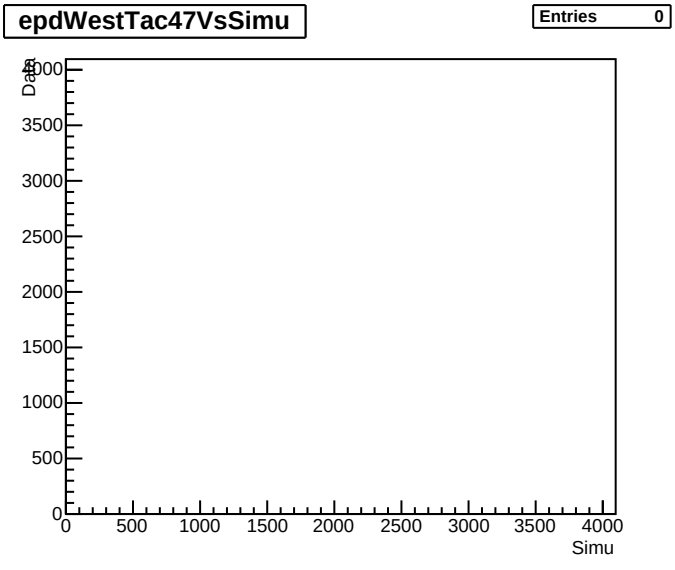

epdEastNHits
Entries 308933

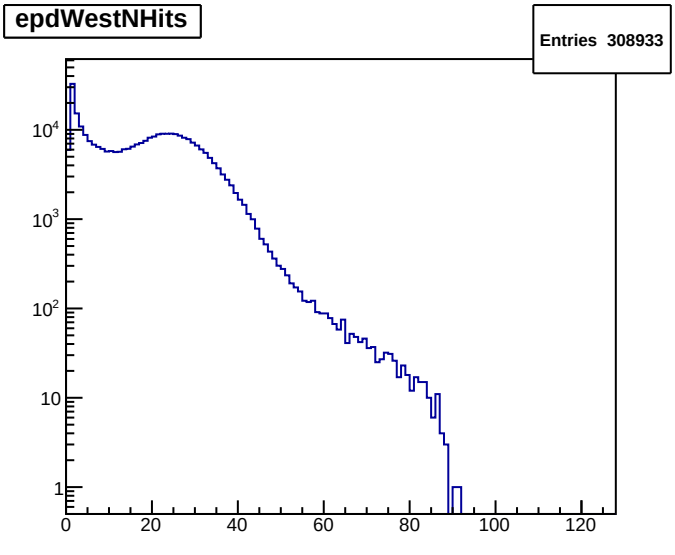

epdEastNHitsVsSimu
Entries 0
Data
Simu

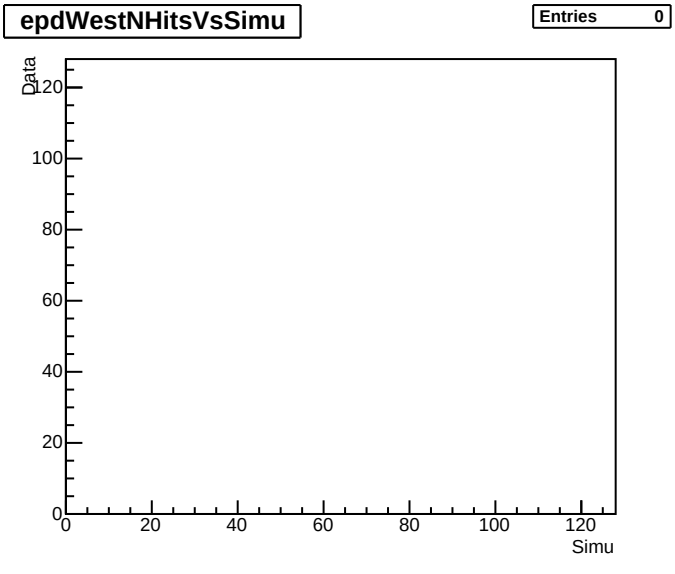

epdWestTac03
Entries 308933

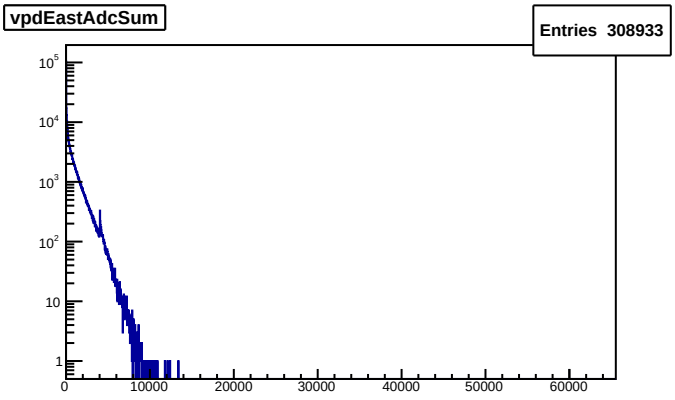

epdWestTac03VsSimu
Entries 0
Data
Simu

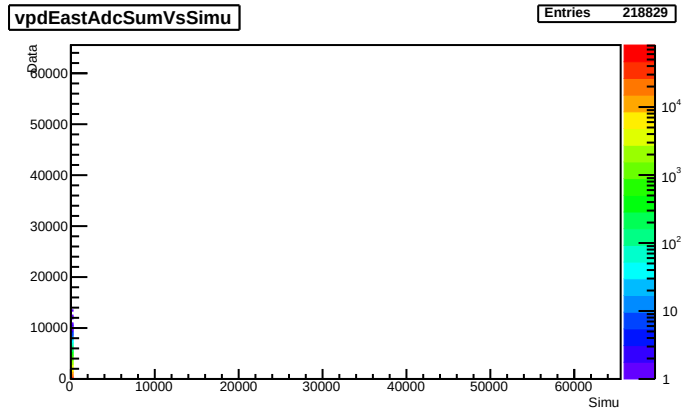

epdWestTac47
Entries 308933

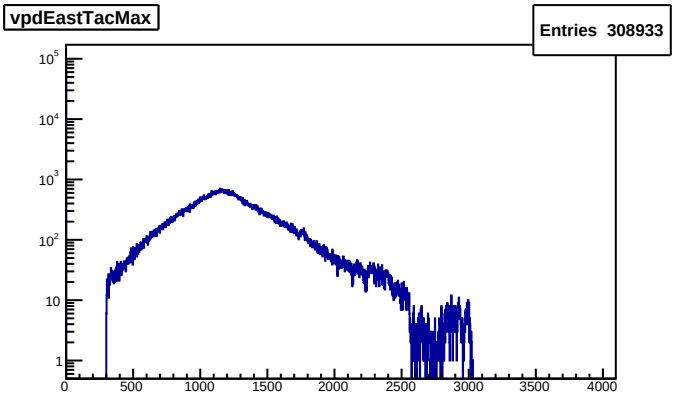

epdWestTac47VsSimu
Entries 0
Data
Simu

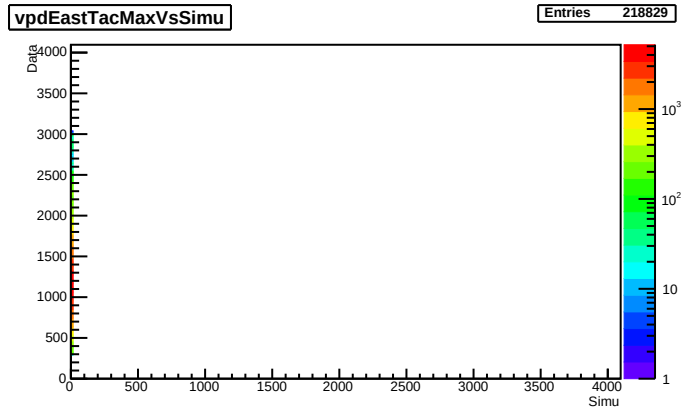

epdWestNHits
Entries 308933

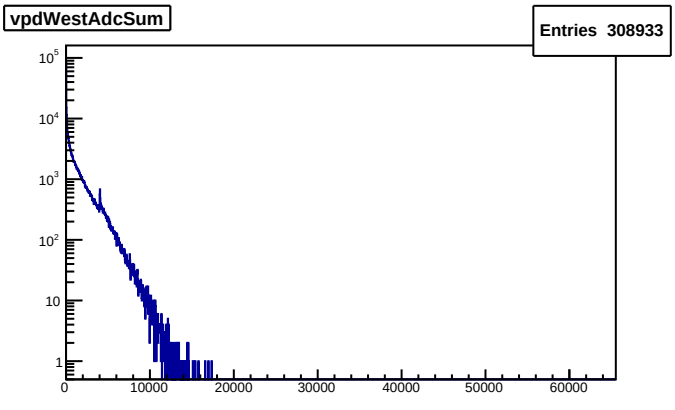

epdWestNHitsVsSimu
Entries 0
Data
Simu

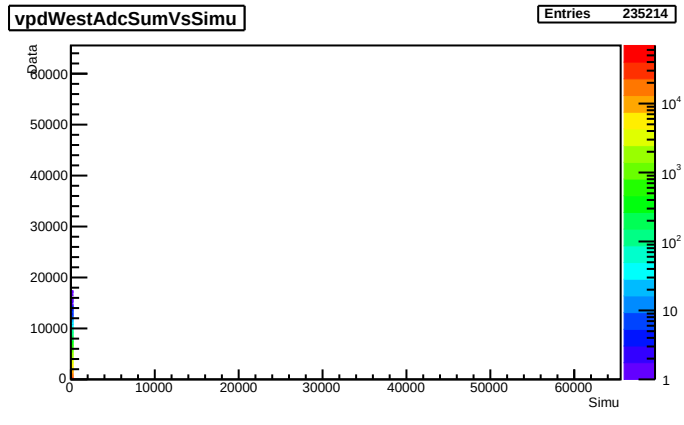

vpdEastAdcSum
Entries 308933

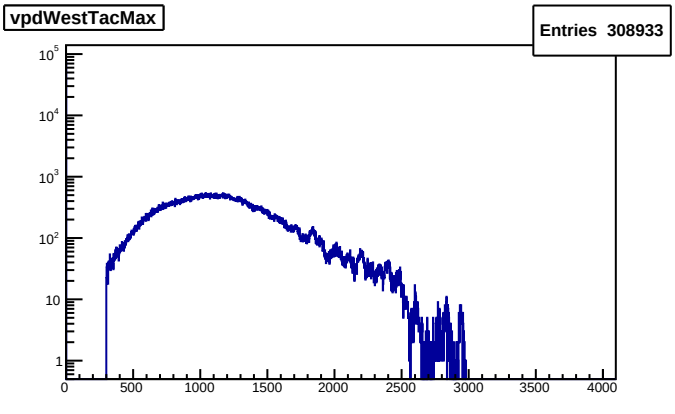

vpdEastAdcSumVsSimu
Entries 218829
Data
Simu

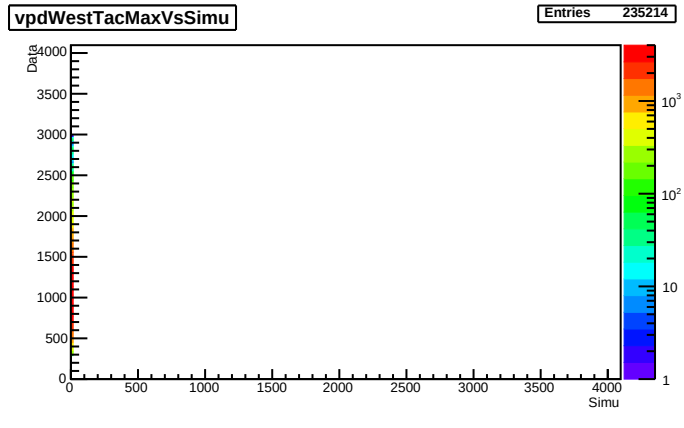

vpdEastTacMax
Entries 308933

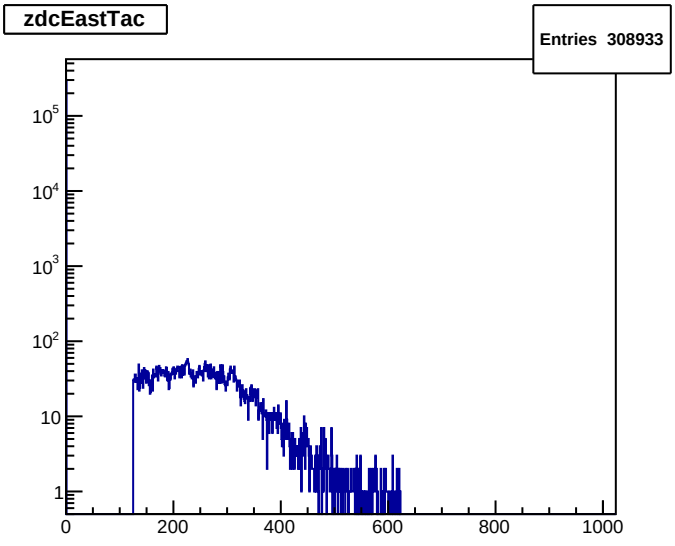

vpdEastTacMaxVsSimu
Entries 218829
Data
Simu

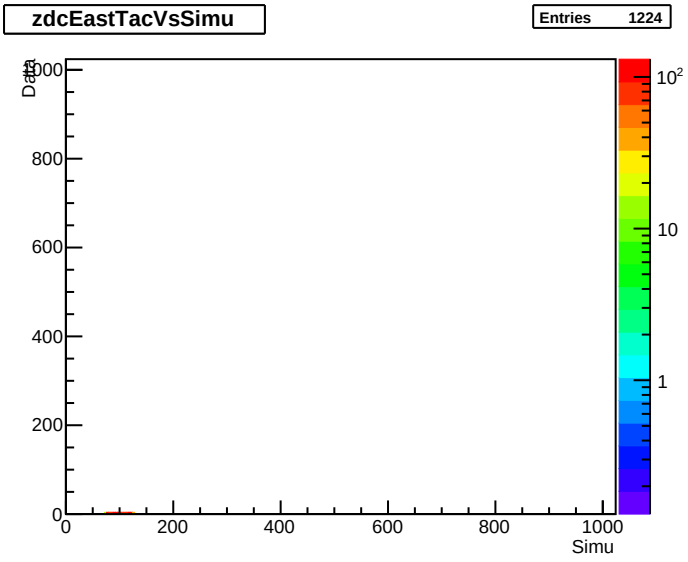

vpdWestAdcSum
Entries 308933

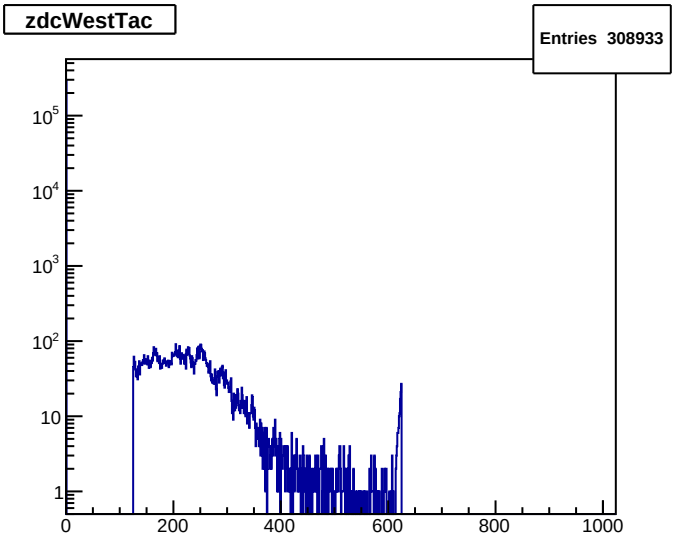

vpdWestAdcSumVsSimu
Entries 235214
Data
Simu

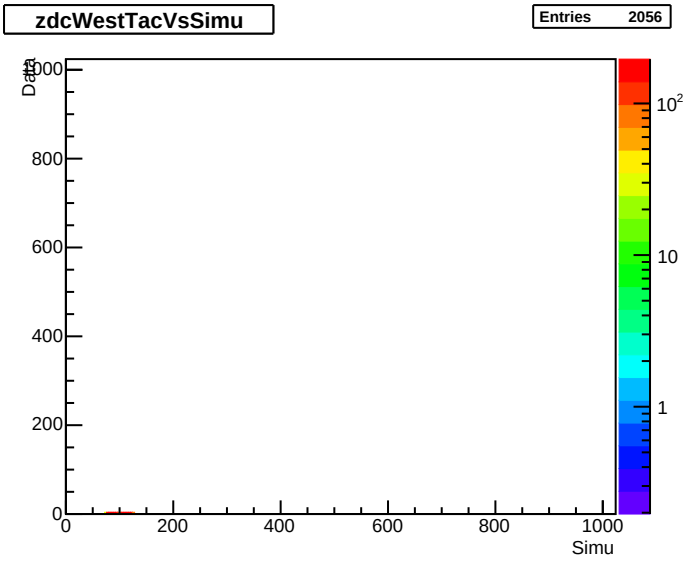

vpdWestTacMax
Entries 308933

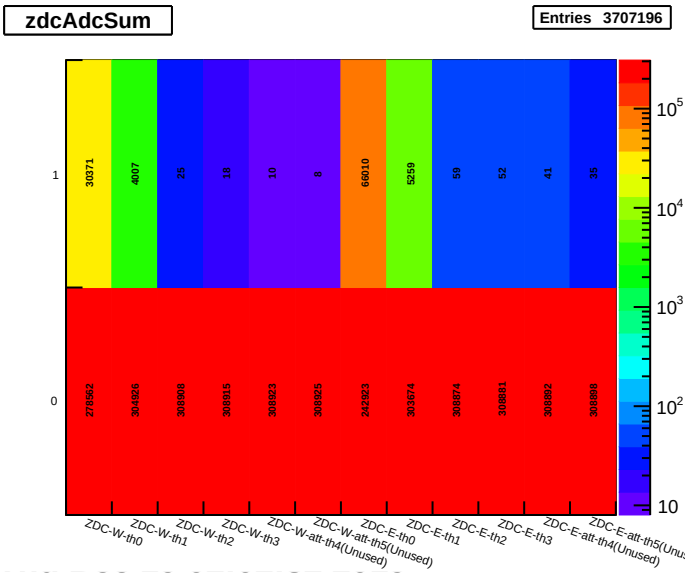

vpdWestTacMaxVsSimu
Entries 235214
Data
Simu

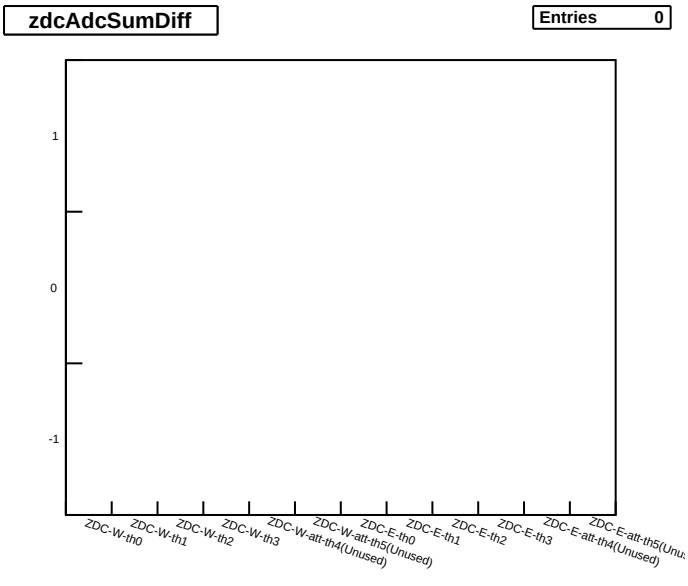

zdcEastTac
Entries 308933

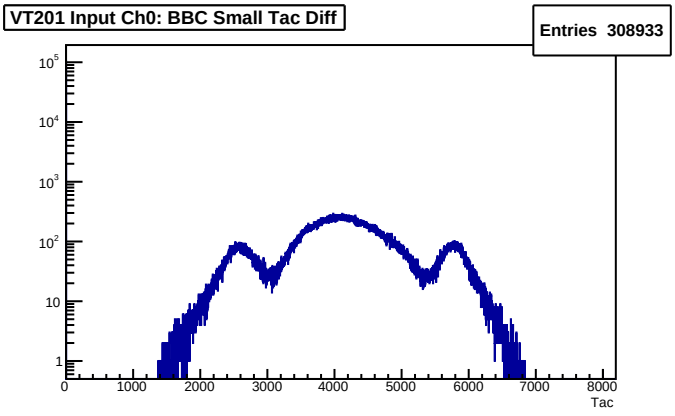

zdcEastTacVsSimu
Entries 1224
Data
Simu

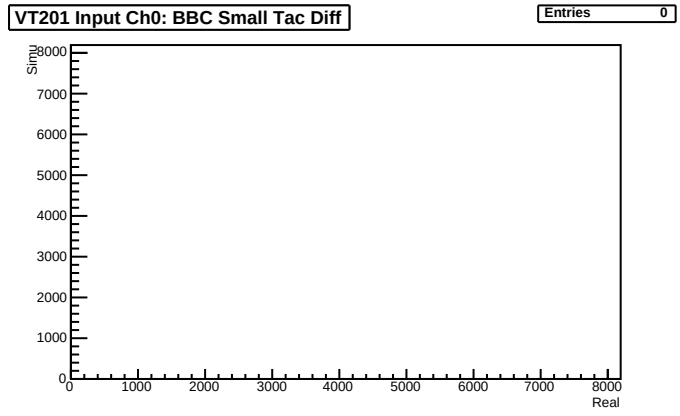

zdcWestTac
Entries 308933

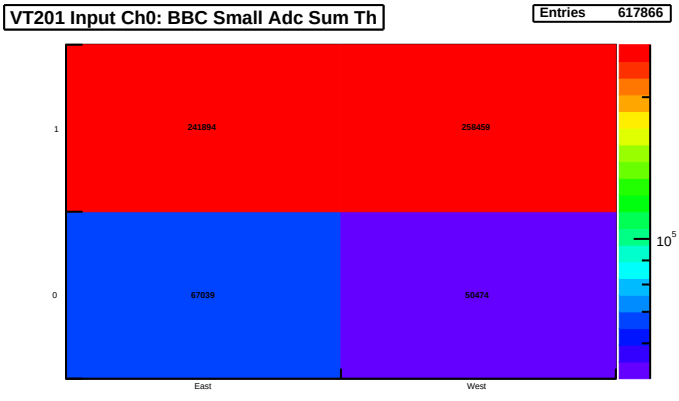

zdcWestTacVsSimu
Entries 2056
Data
Simu

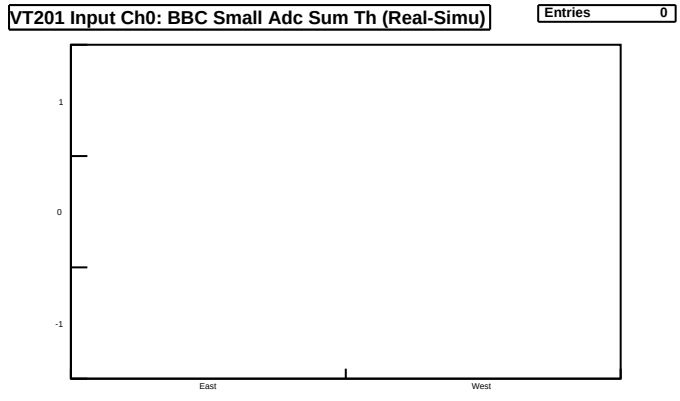

zdcAdcSum
Entries 3707196
30371
4007
25
18
10
8
66010
5259
59
52
41
35
278562
304826
308908
308915
308923
308925
242923
303674
308874
308881
308892
308898
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

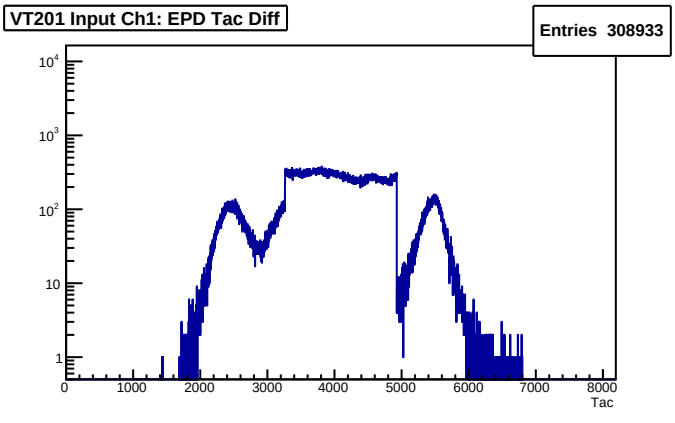

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

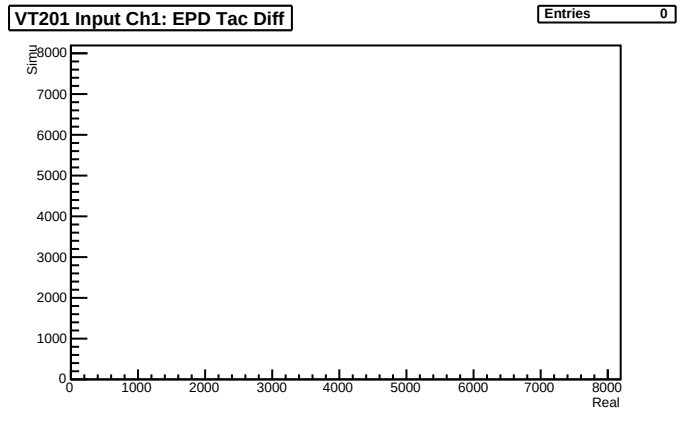

VT201 Input Ch0: BBC Small Tac Diff
Entries 308933
Tac

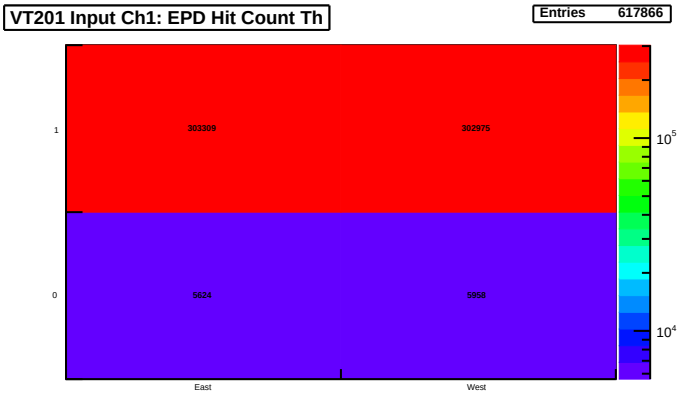

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

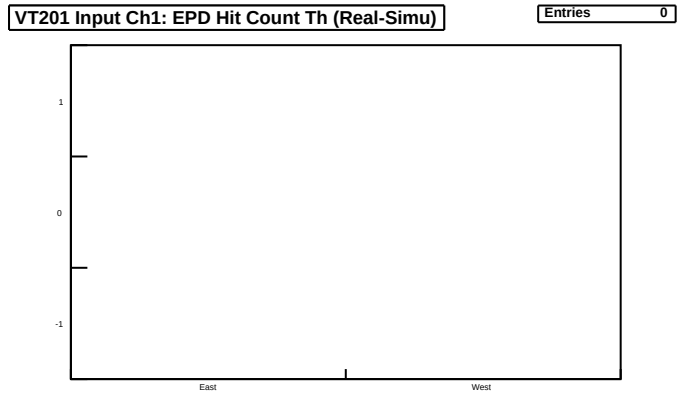

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 617866
241894
258459
67039
50474
East
West

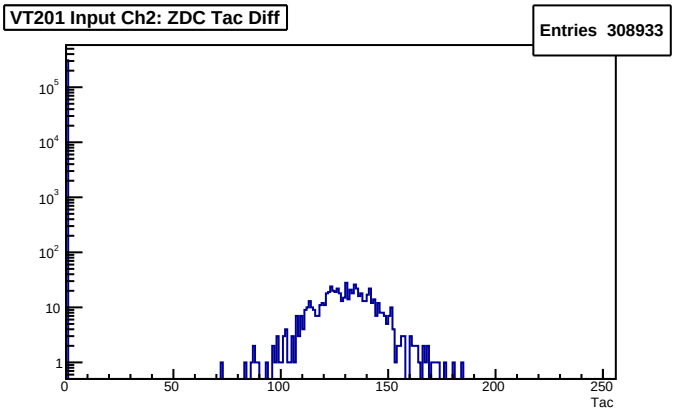

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

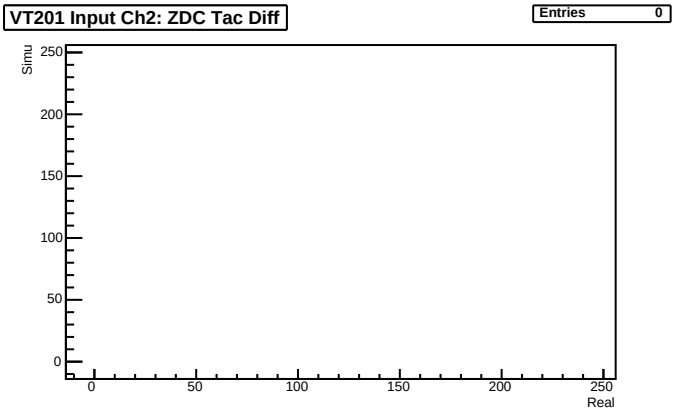

VT201 Input Ch1: EPD Tac Diff
Entries 308933
Tac

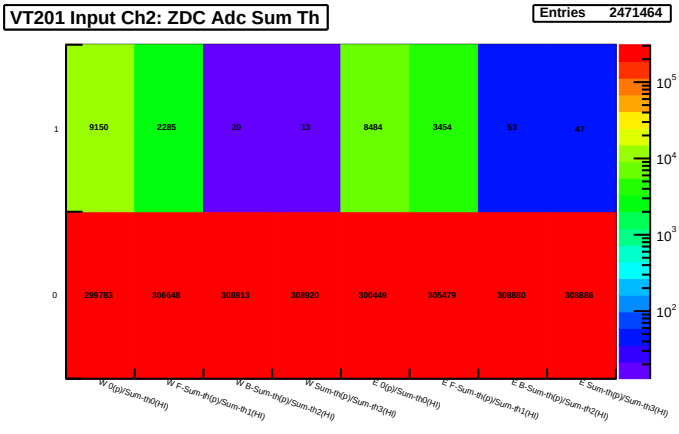

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

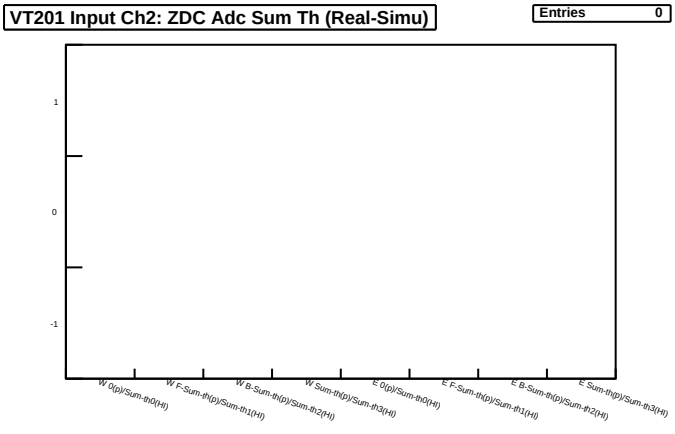

VT201 Input Ch1: EPD Hit Count Th
Entries 617866
303309
302975
5624
5958
East
West

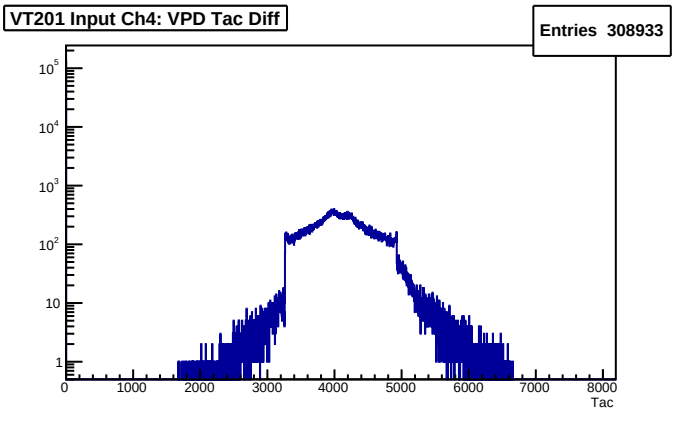

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

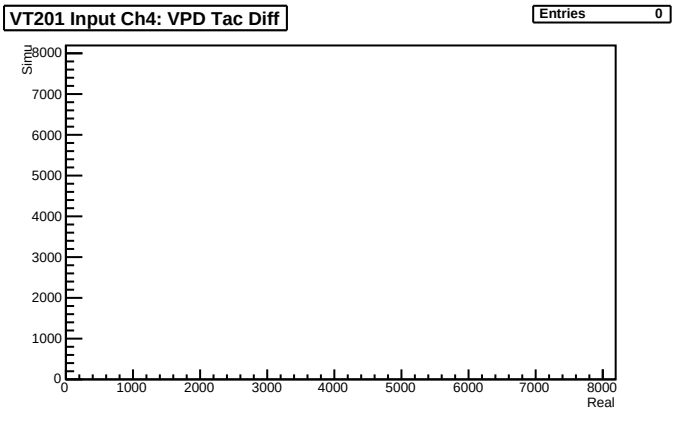

VT201 Input Ch2: ZDC Tac Diff
Entries 308933
Tac

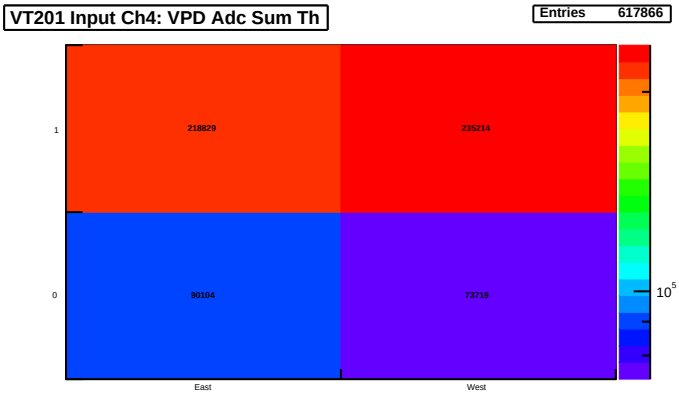

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

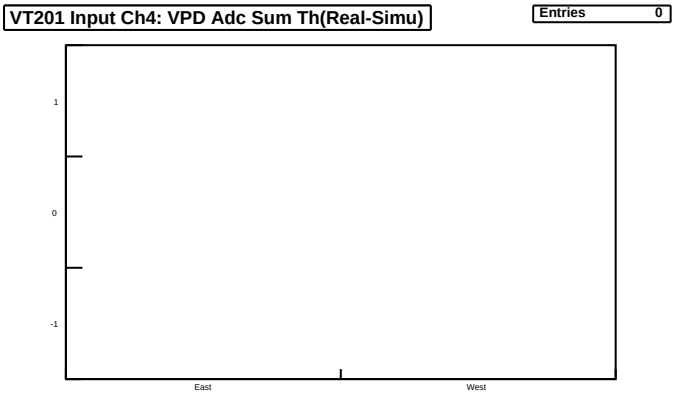

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2471464
9150
2285
20
13
8484
3454
53
47
299783
306648
308913
308920
300449
305479
308880
308886
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

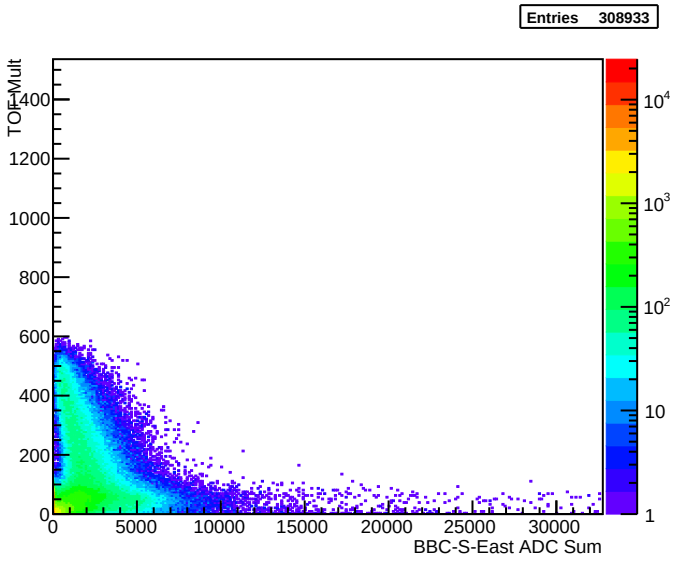

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

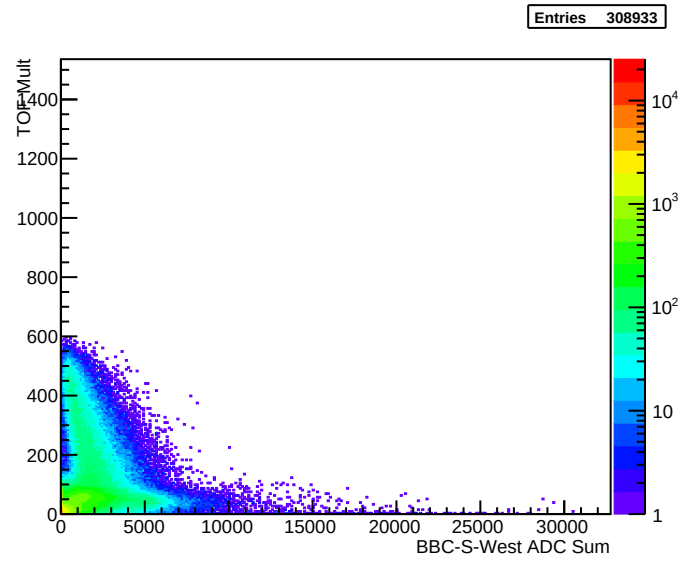

VT201 Input Ch4: VPD Tac Diff
Entries 308933
Tac

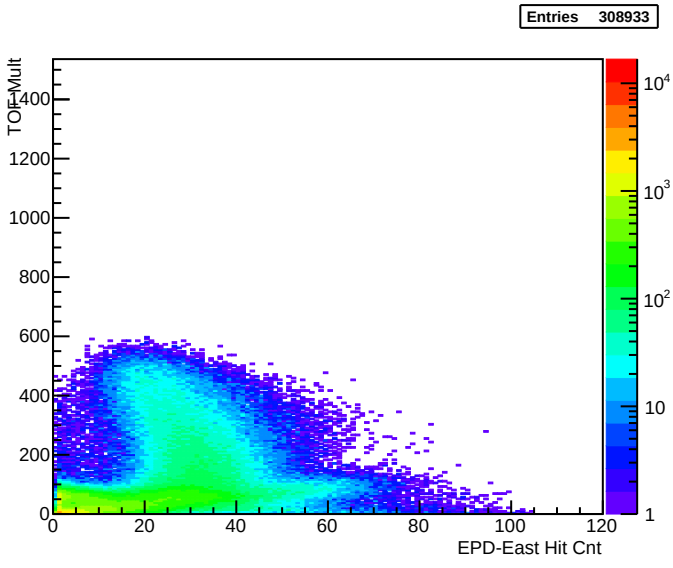

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

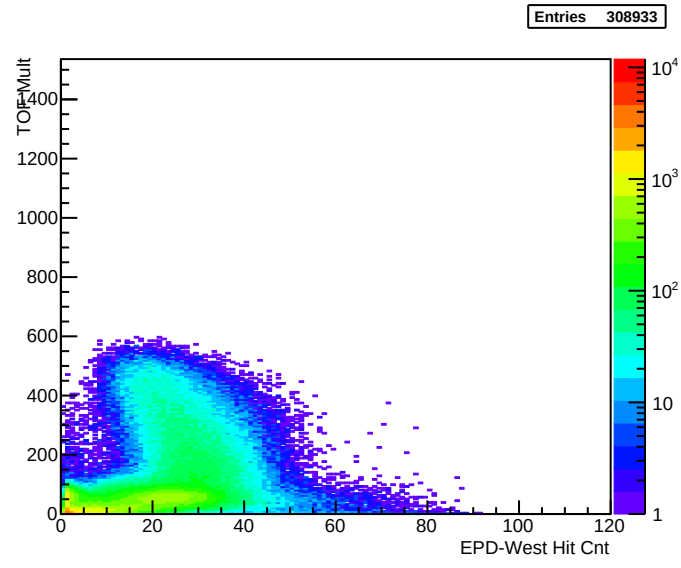

VT201 Input Ch4: VPD Adc Sum Th
Entries 617866
218829
235214
90104
73719
East
West

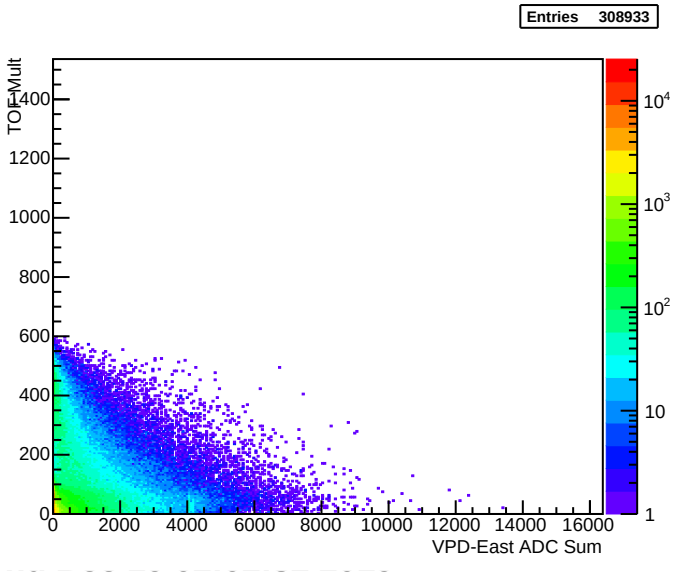

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

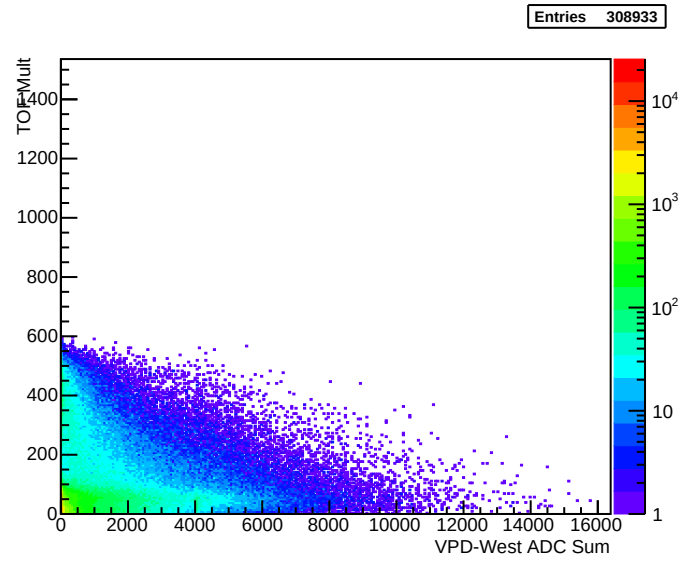

Entries 308933
TOF-Mult
BBC-S-East ADC Sum

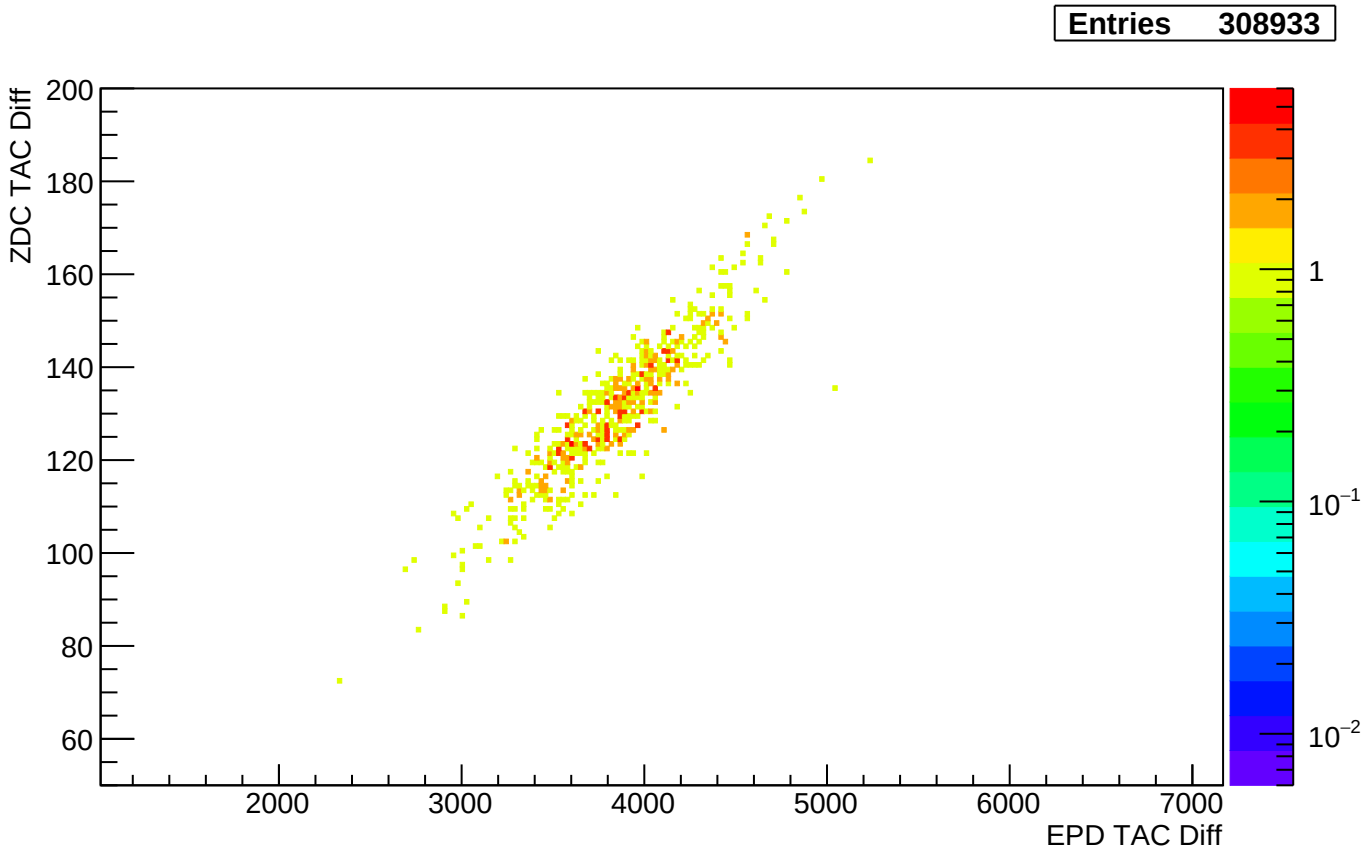

Entries 308933
TOF-Mult
BBC-S-West ADC Sum

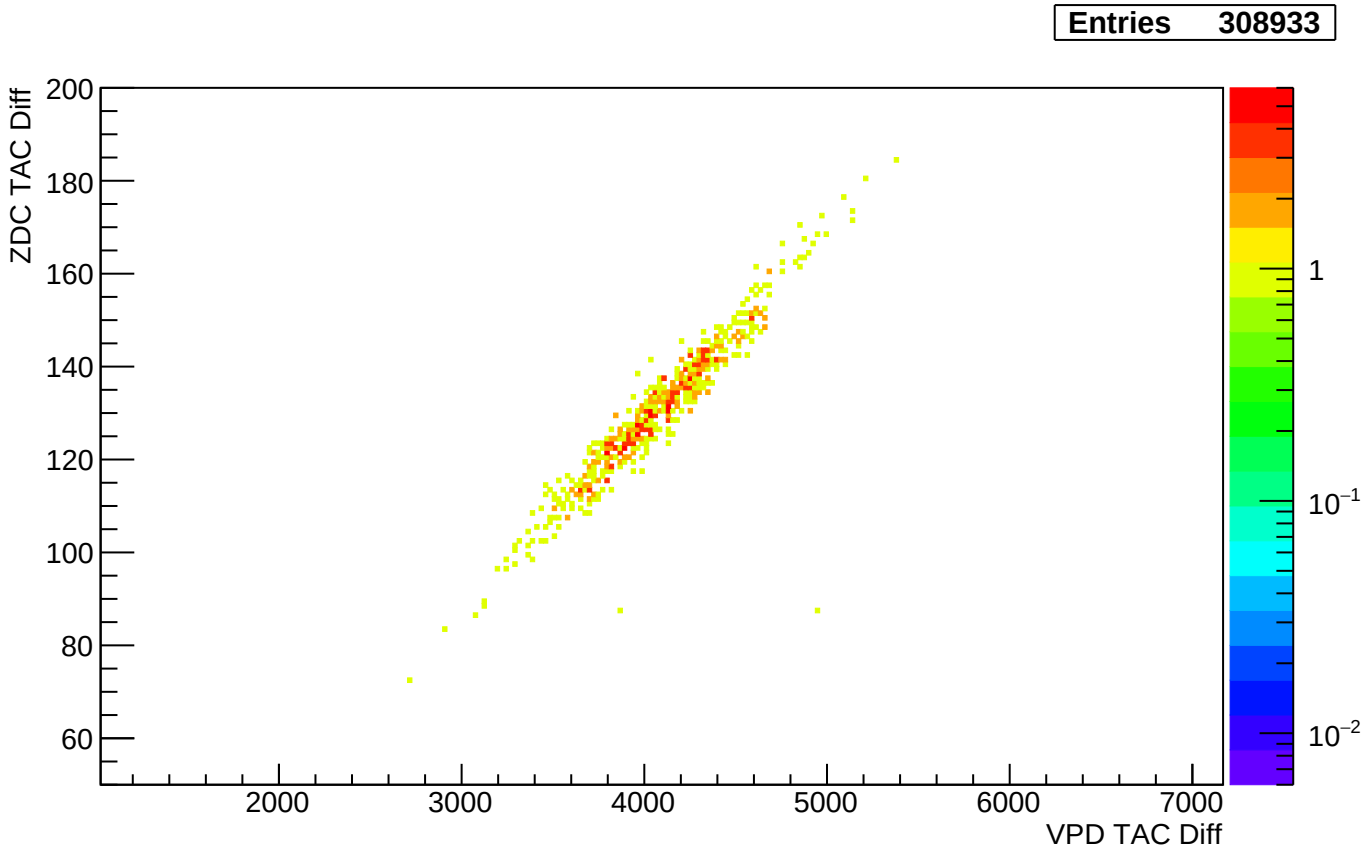

Entries 308933
TOF-Mult
EPD-East Hit Cnt

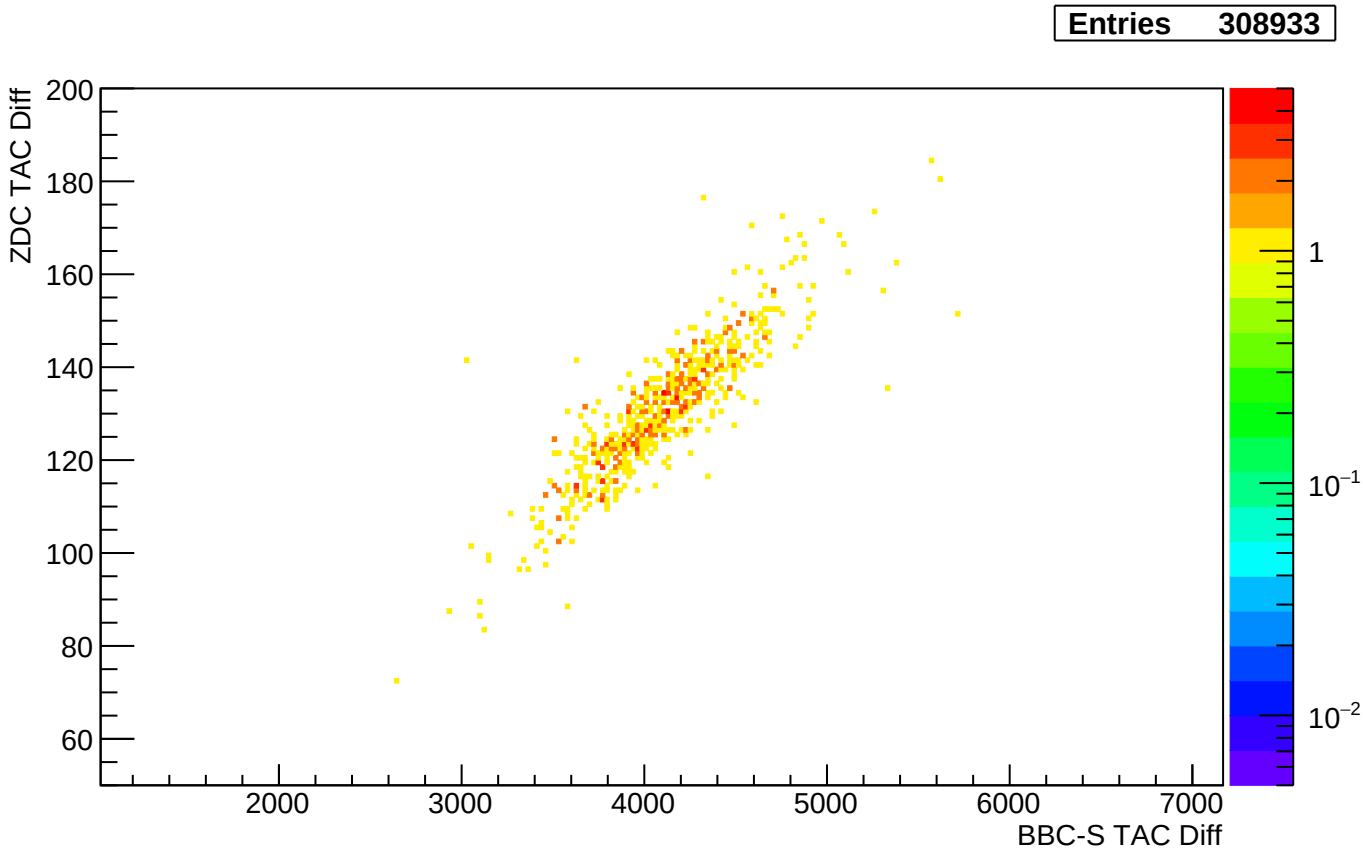

Entries 308933
TOF-Mult
EPD-West Hit Cnt

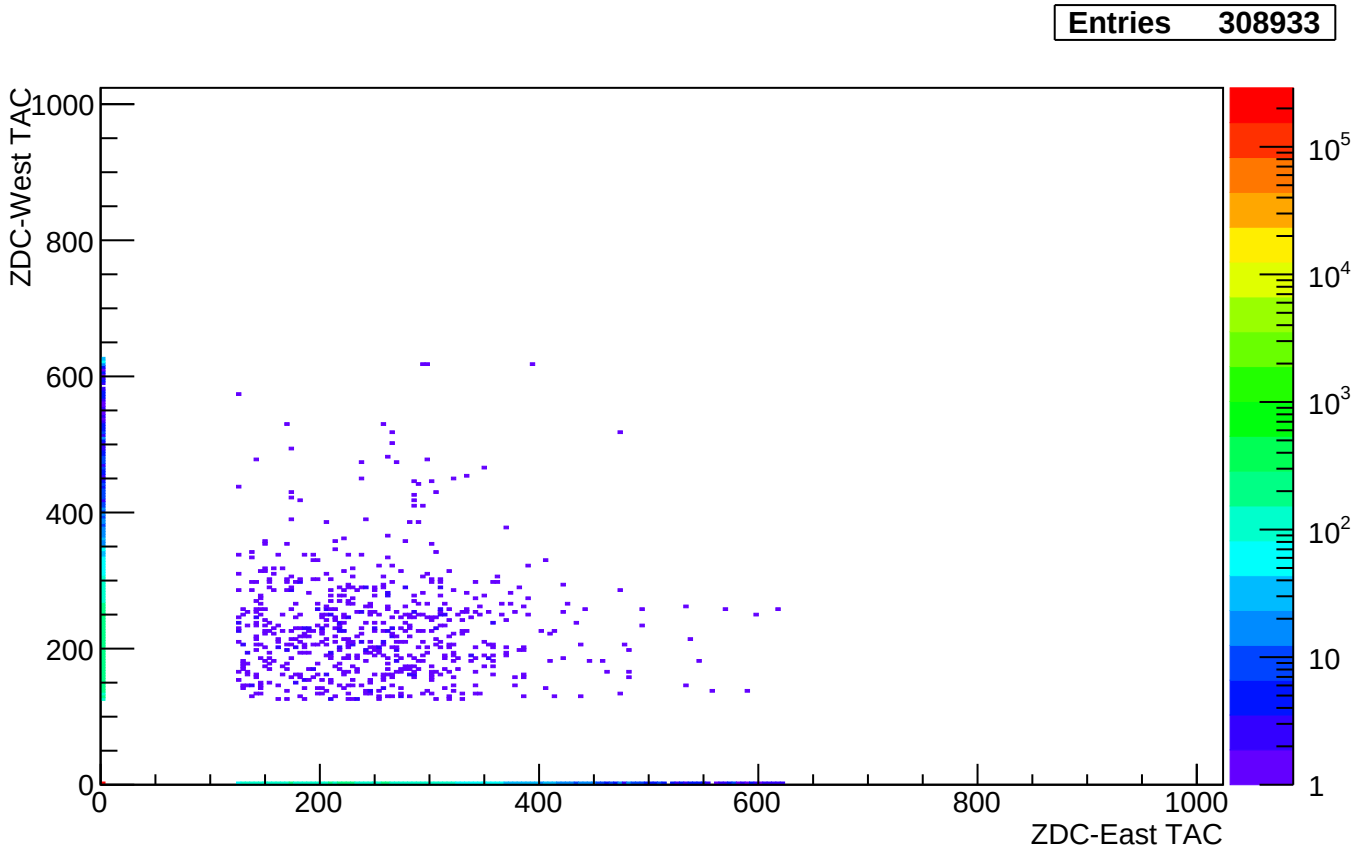

Entries 308933
TOF-Mult
VPD-East ADC Sum

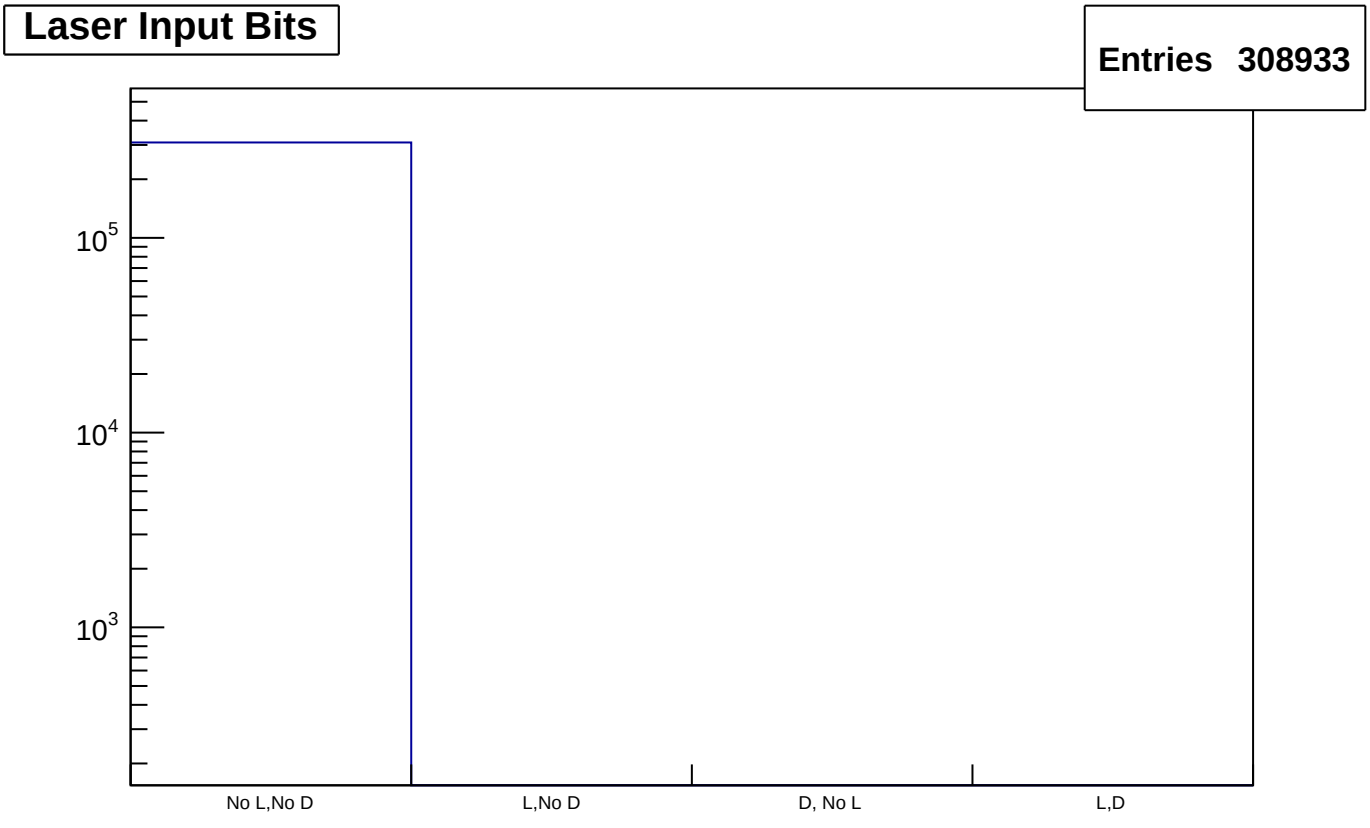

Entries 308933
TOF-Mult
VPD-West ADC Sum

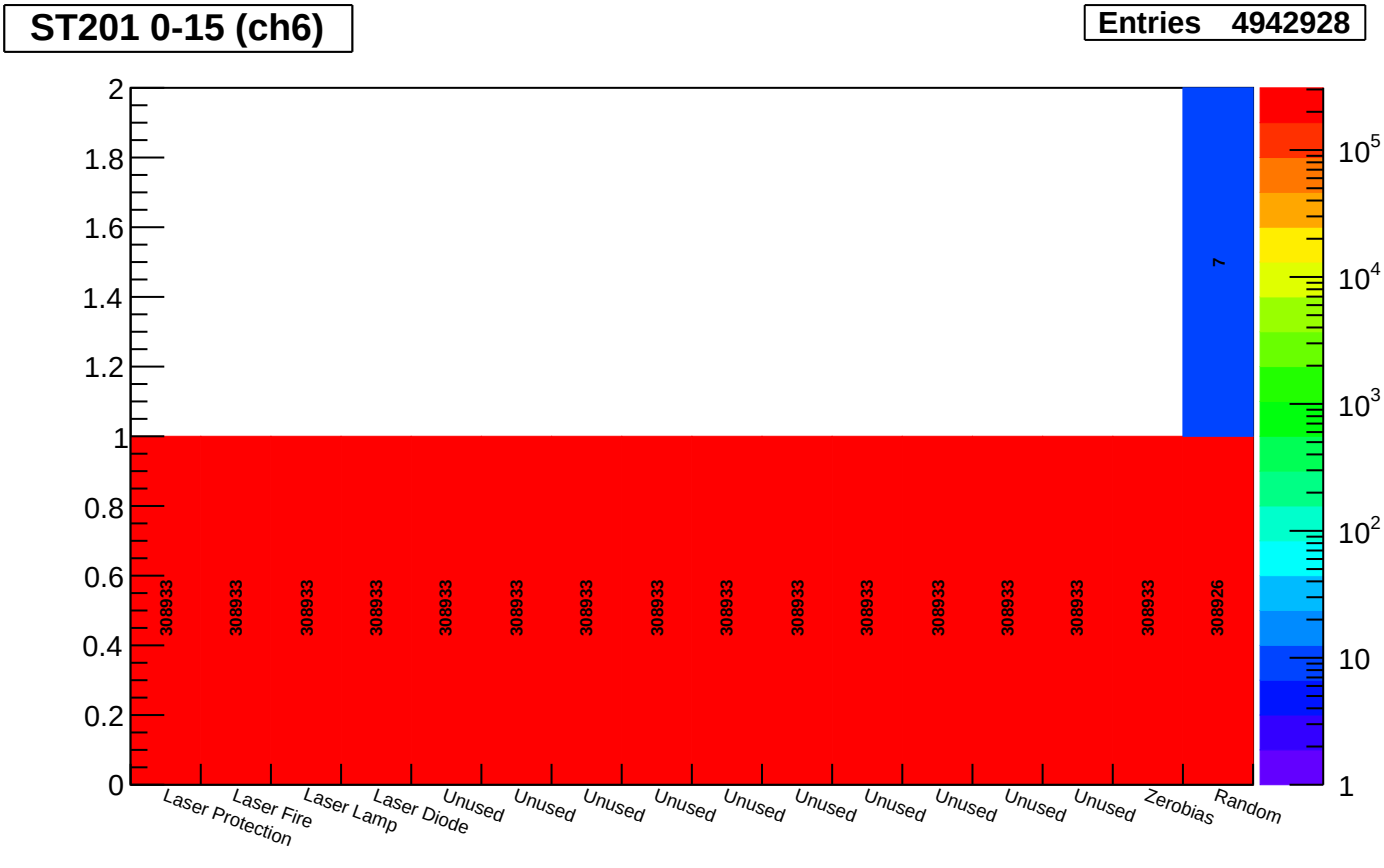

Entries 308933
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

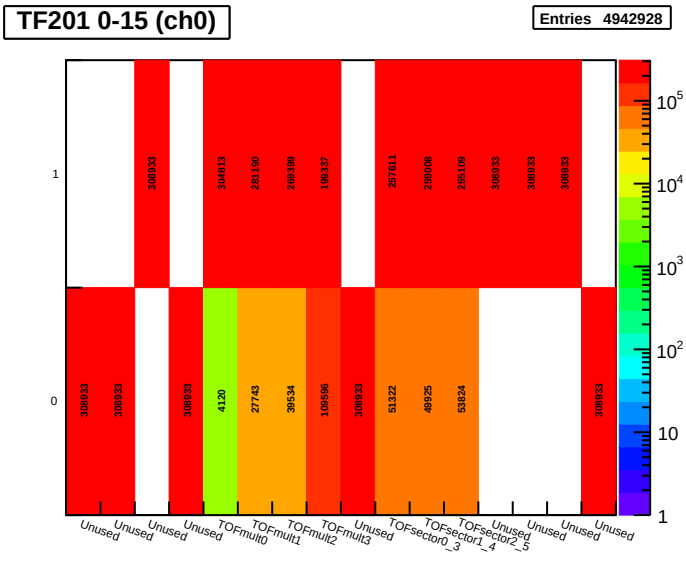

Entries 308933
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

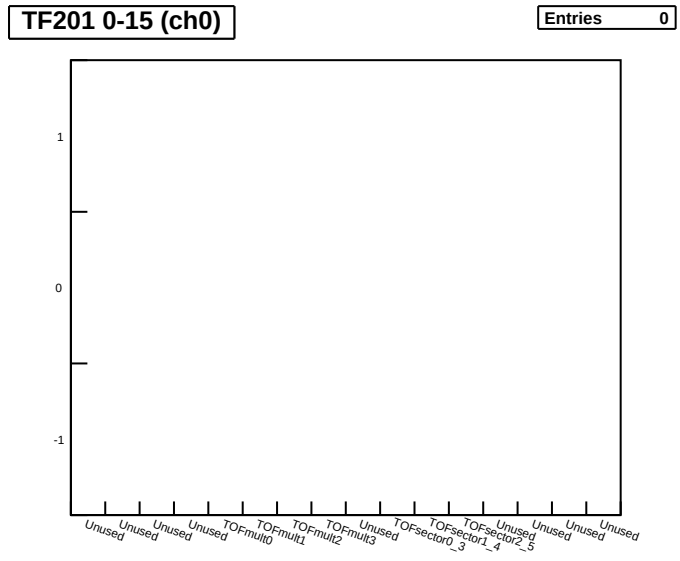

Entries 308933
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

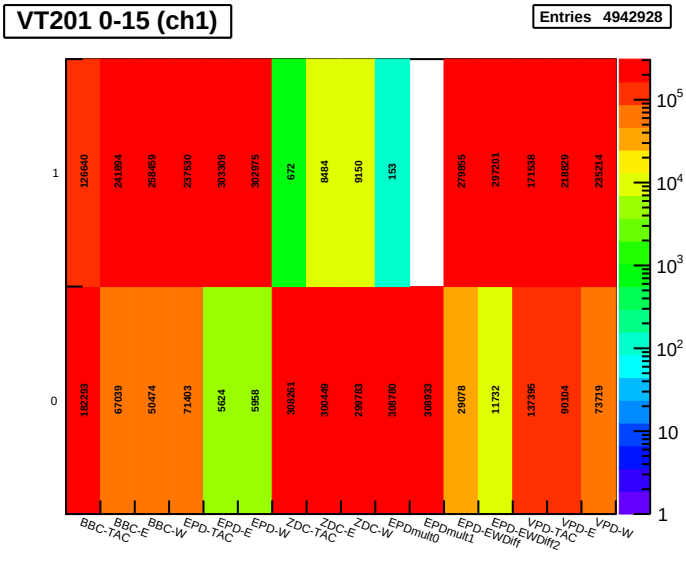

Entries 308933
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

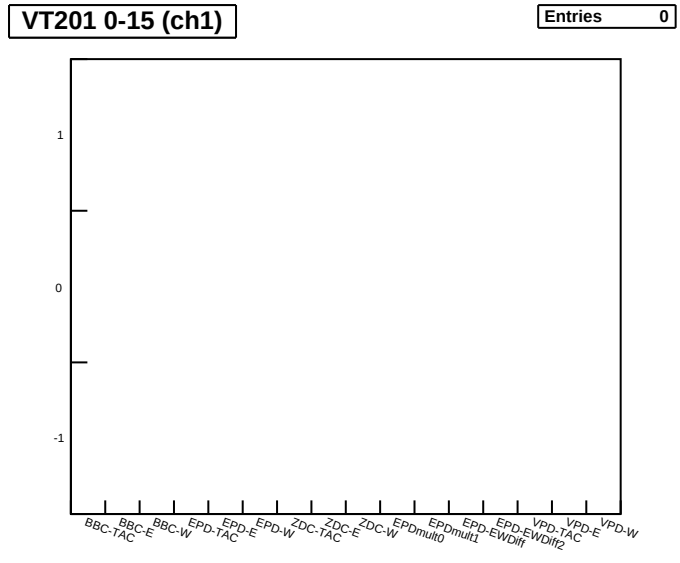

Laser Input Bits
Entries 308933
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

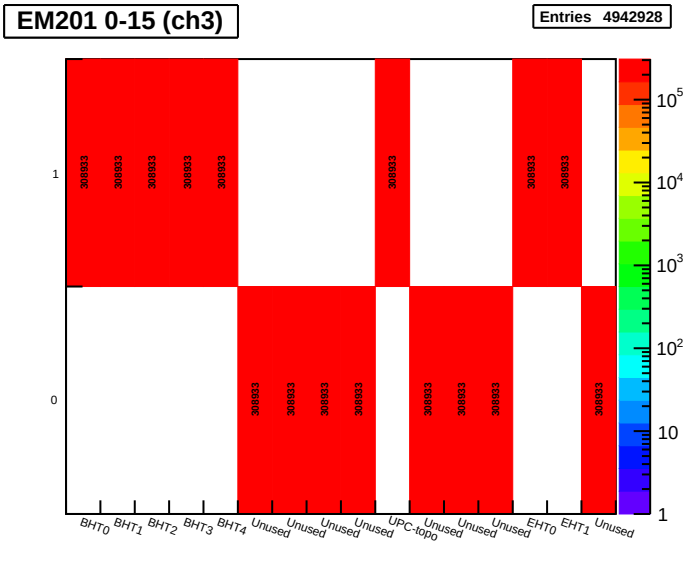

ST201 0-15 (ch6)
Entries 4942928
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
308933
308926
7
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

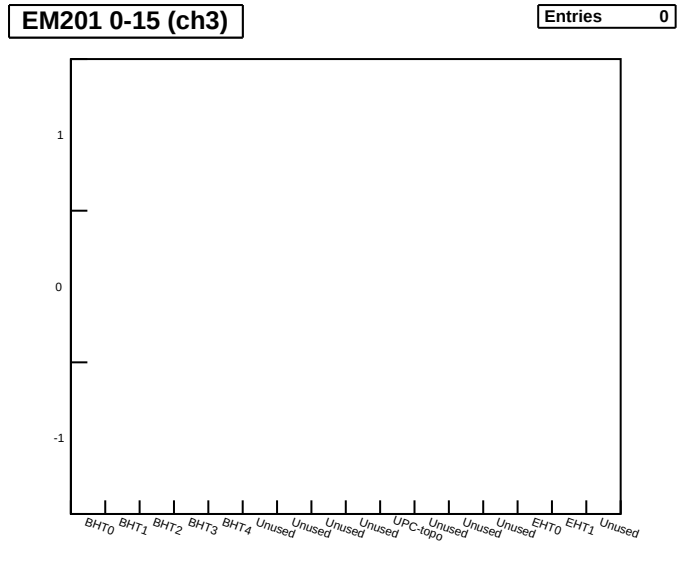

TF201 0-15 (ch0)
Entries 4942928
1
0
308933
304813
281190
288399
199337
257611
259008
295109
308933
308933
308933
308933
308933
308933
4120
27743
39534
109596
308933
51322
49925
53824
308933
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4942928
1
0
126640
241894
258459
237530
303309
302975
672
8484
9150
153
279855
297201
171538
218829
235214
182293
67039
50474
71403
5624
5958
308261
300449
299783
308780
308933
29078
11732
137395
90104
73719
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 4942928
1
0
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
308933
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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