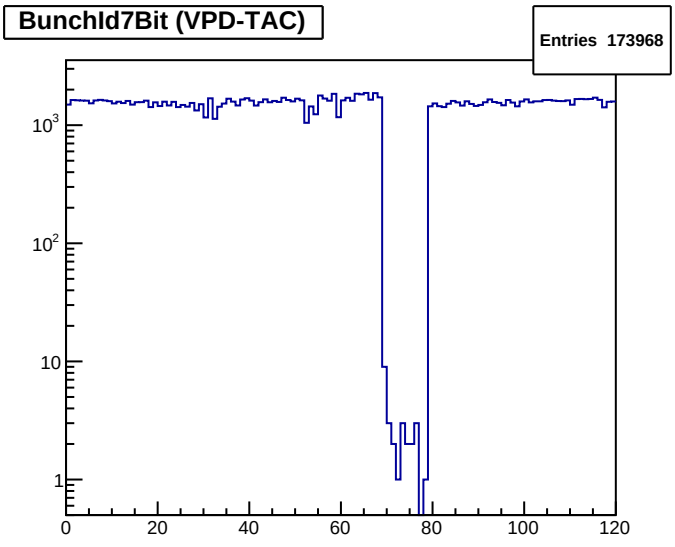
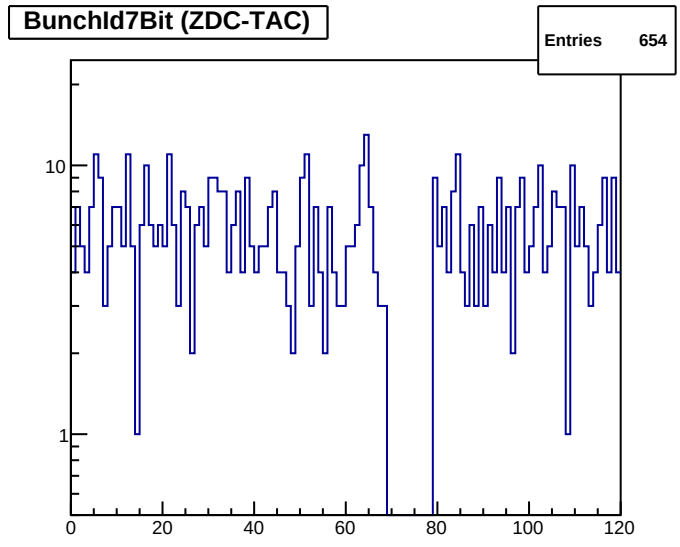
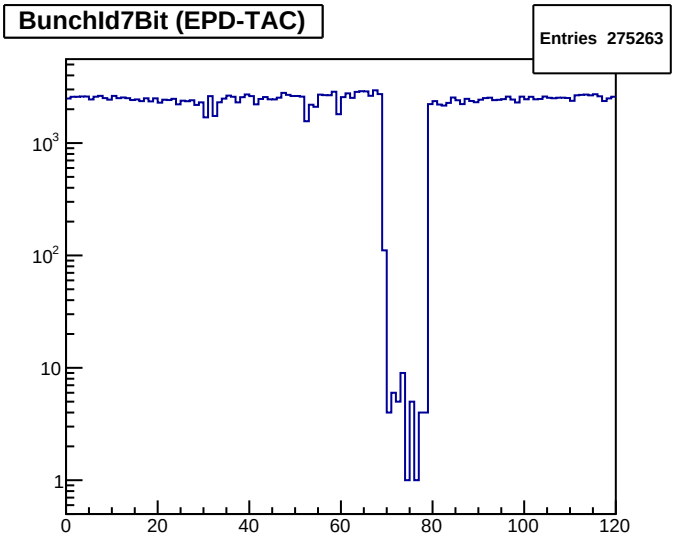
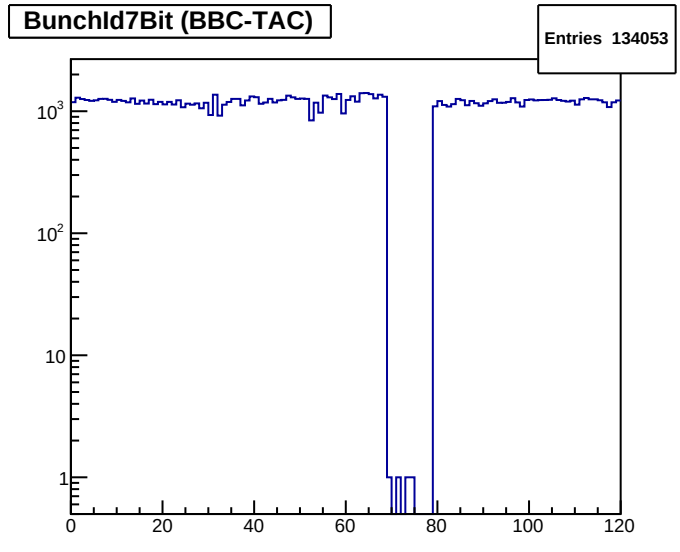
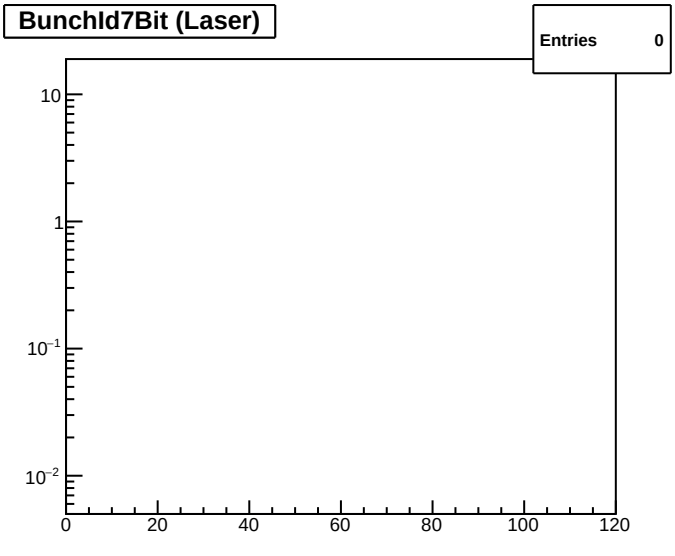
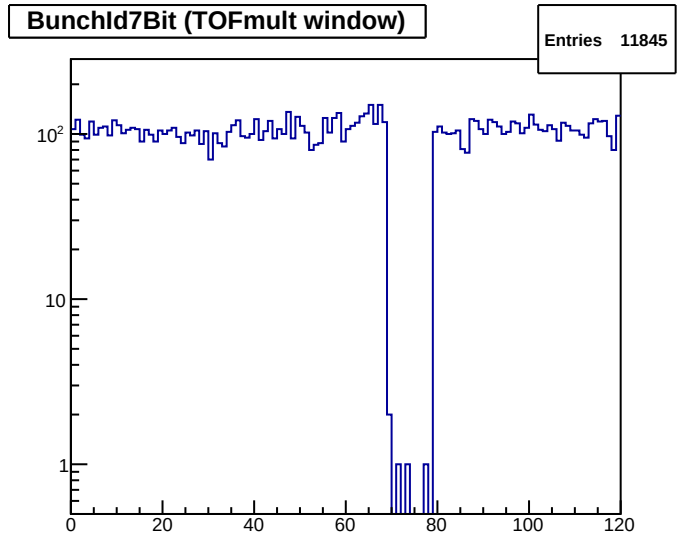

BunchId7Bit (VPD-TAC)
Entries 173968

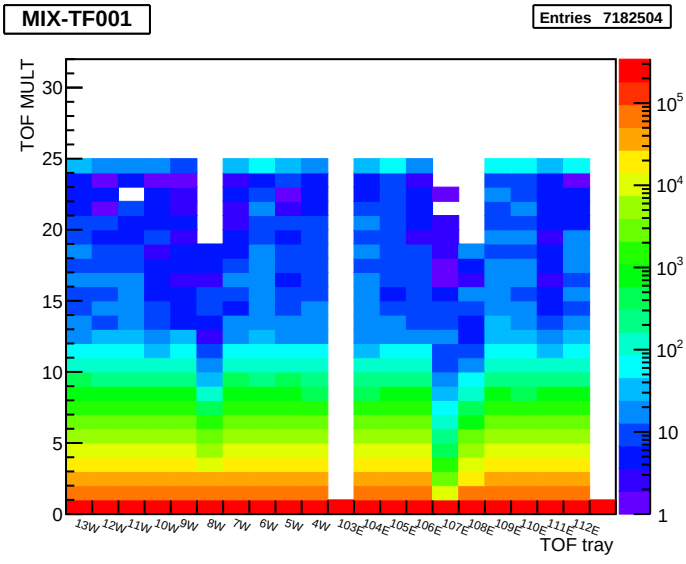

BunchId7Bit (ZDC-TAC)
Entries 654

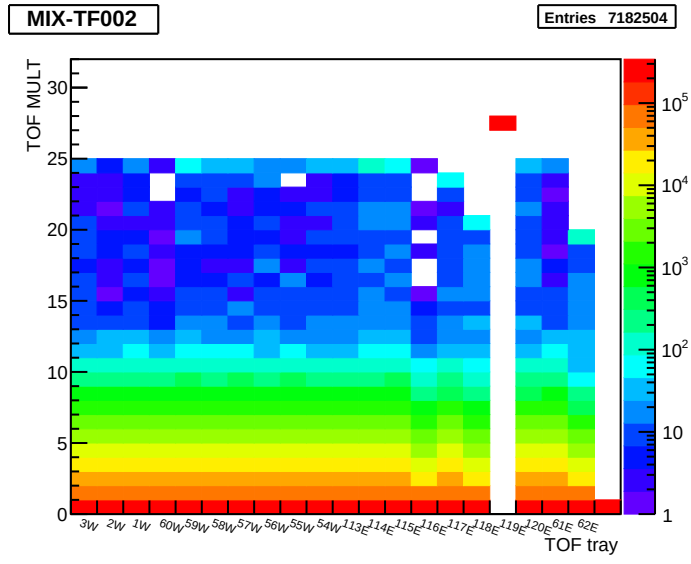

BunchId7Bit (EPD-TAC)
Entries 275263

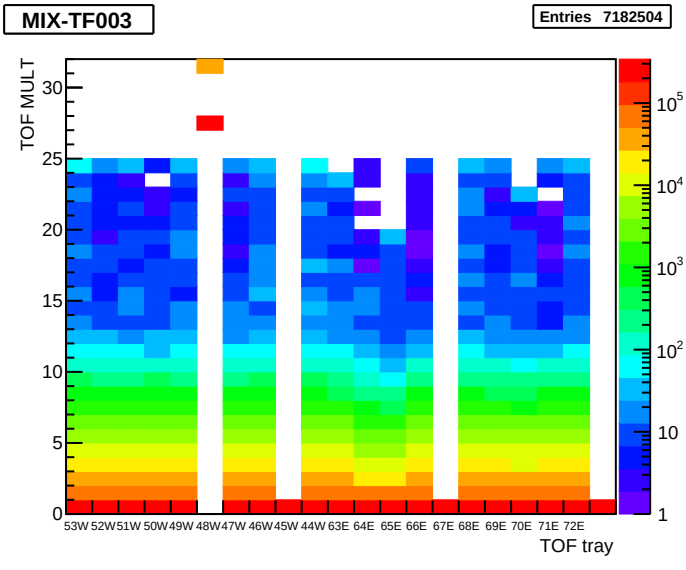

BunchId7Bit (BBC-TAC)
Entries 134053

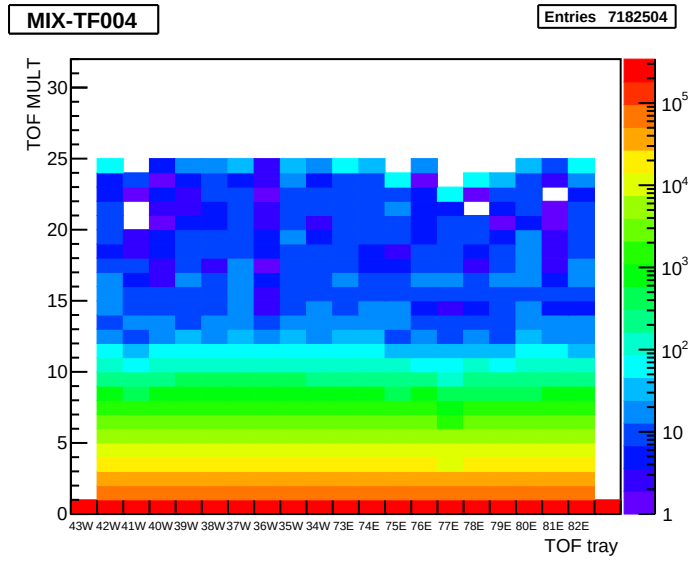

BunchId7Bit (Laser)
Entries 0

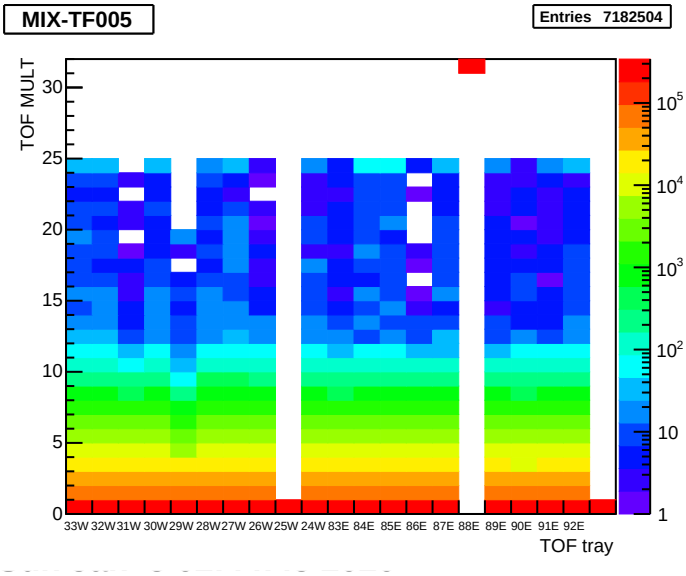

BunchId7Bit (TOFmult window)
Entries 11845

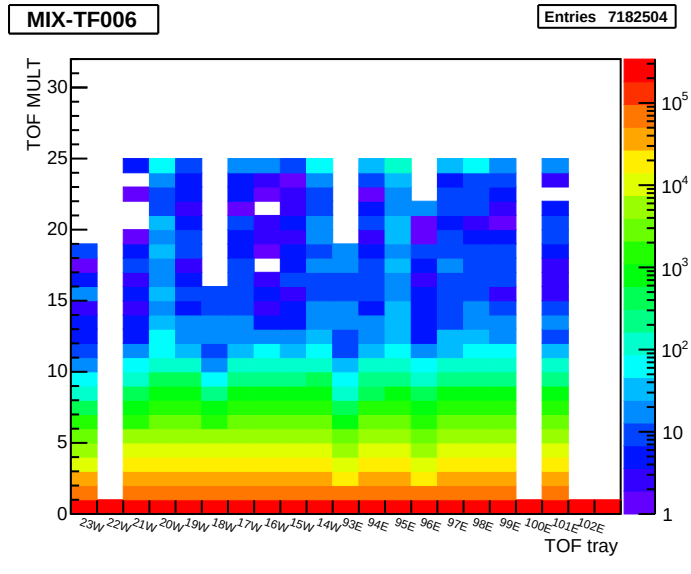

MIX-TF001
Entries 7182504
TOF MULT
TOF tray

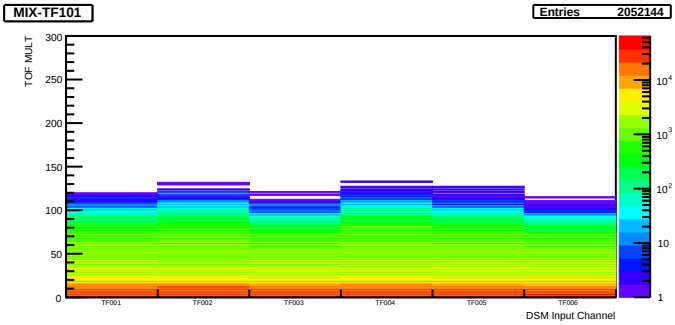

MIX-TF002
Entries 7182504
TOF MULT
TOF tray

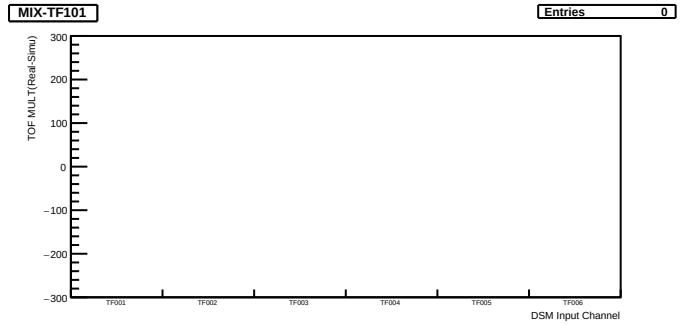

MIX-TF003
Entries 7182504
TOF MULT
TOF tray

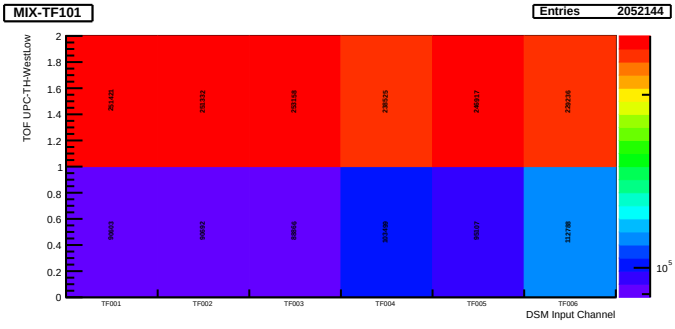

MIX-TF004
Entries 7182504
TOF MULT
TOF tray

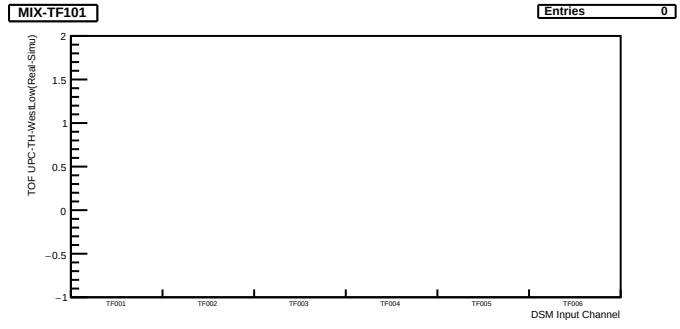

MIX-TF005
Entries 7182504
TOF MULT
TOF tray

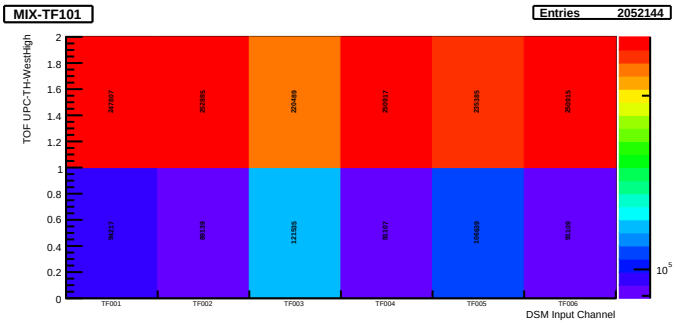

MIX-TF006
Entries 7182504
TOF MULT
TOF tray

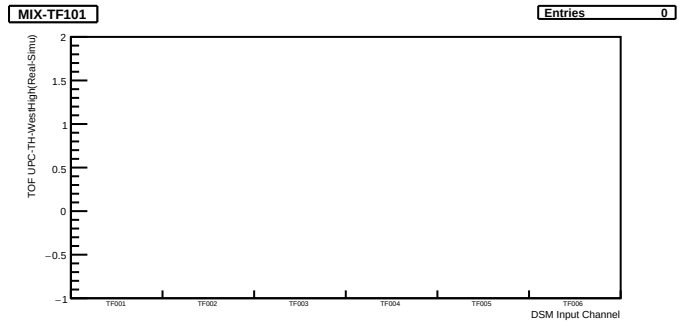

MIX-TF101
Entries 2052144
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

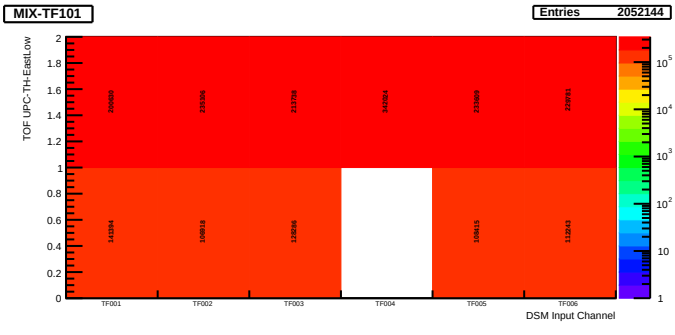

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

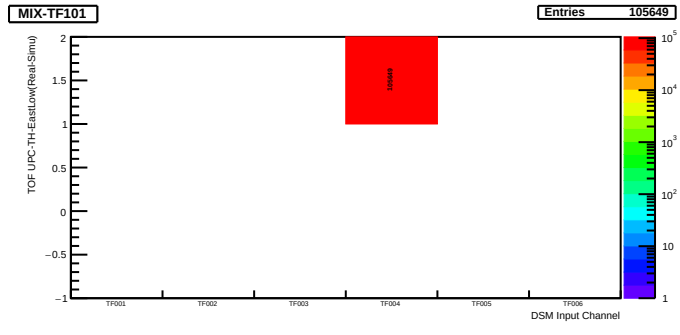

MIX-TF101
Entries 2052144
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

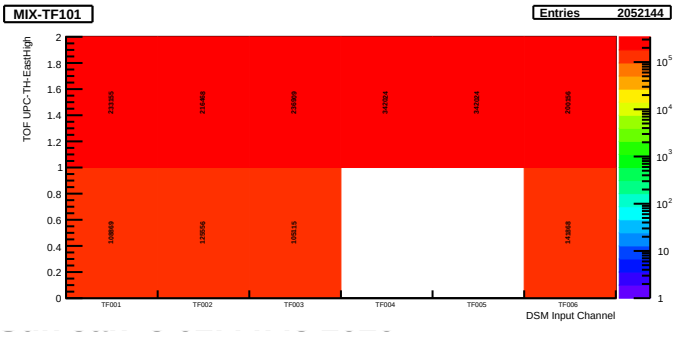

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

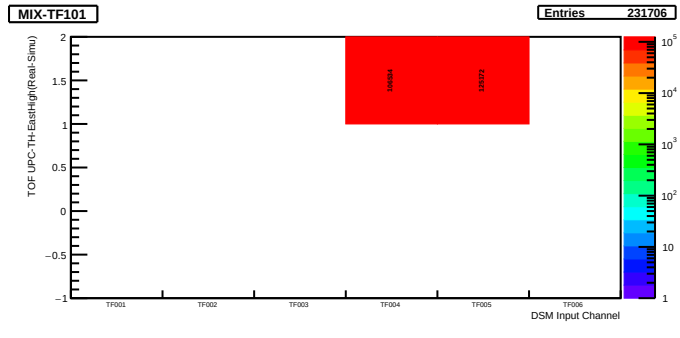

MIX-TF101
Entries 2052144
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

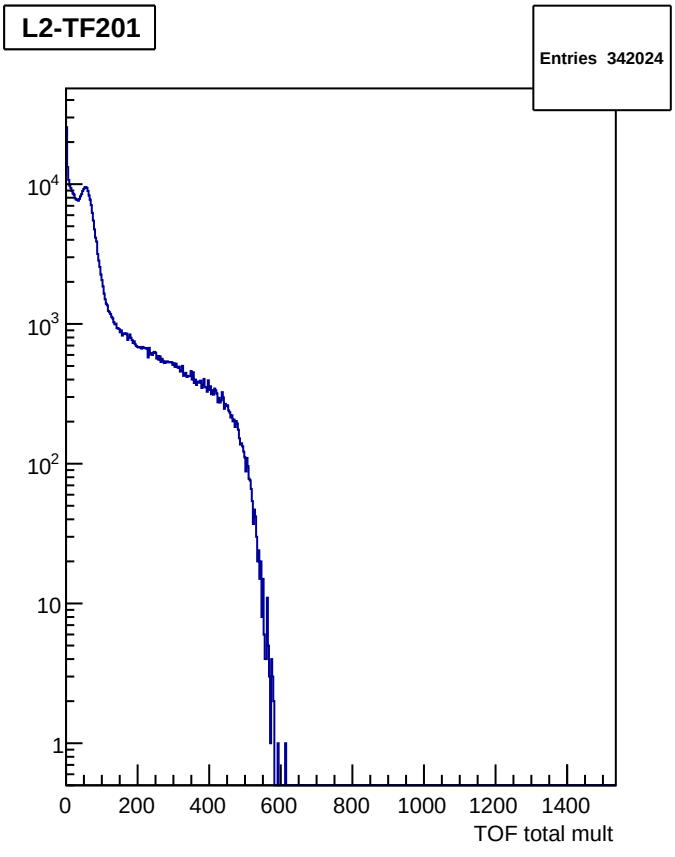

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

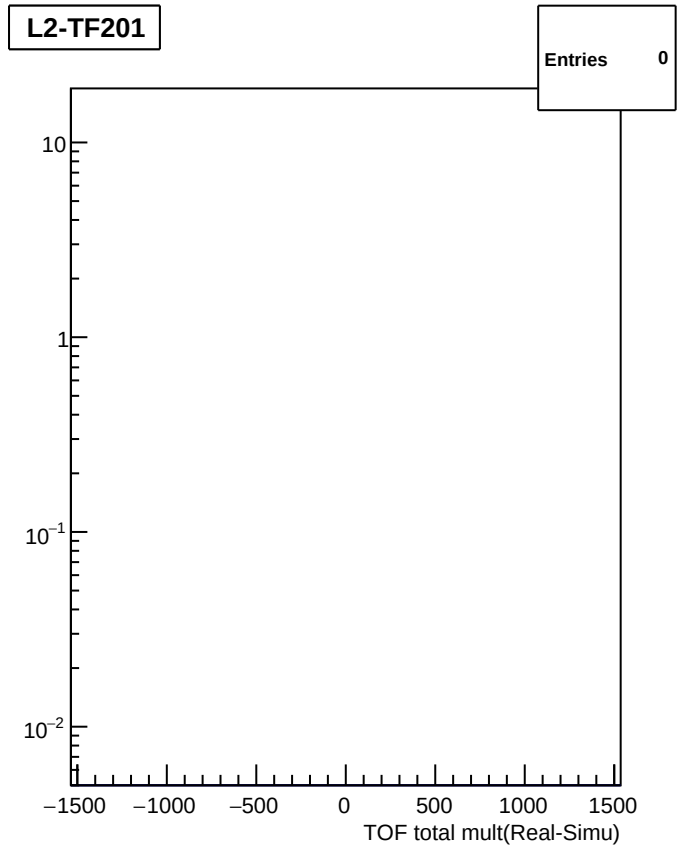

MIX-TF101
Entries 2052144
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

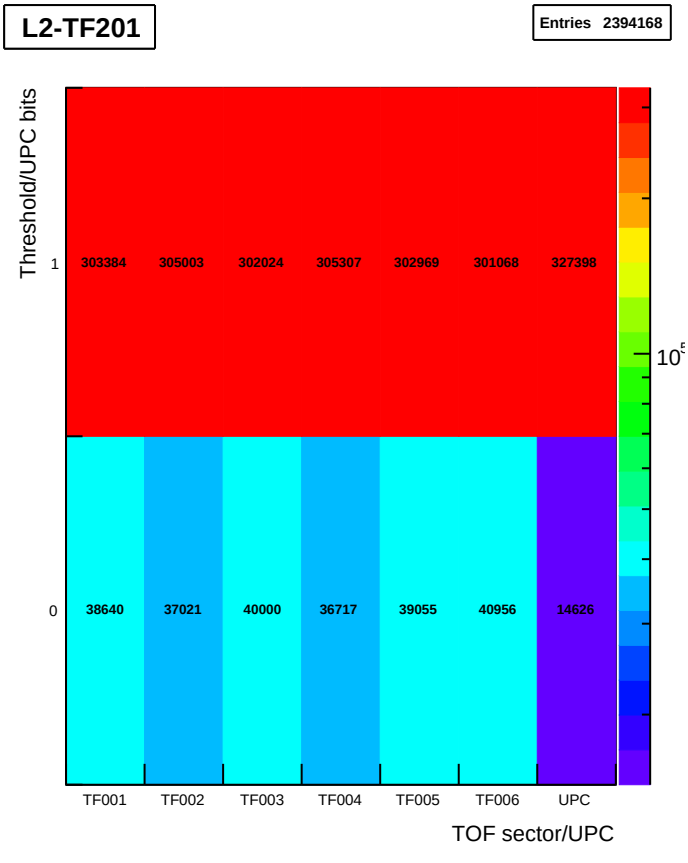

MIX-TF101
Entries 105649
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

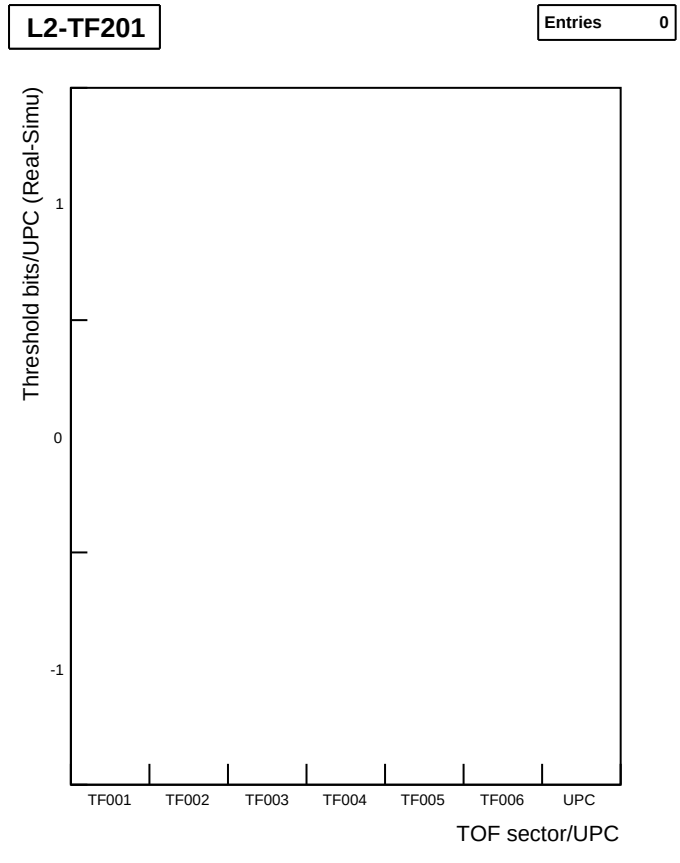

MIX-TF101
Entries 2052144
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

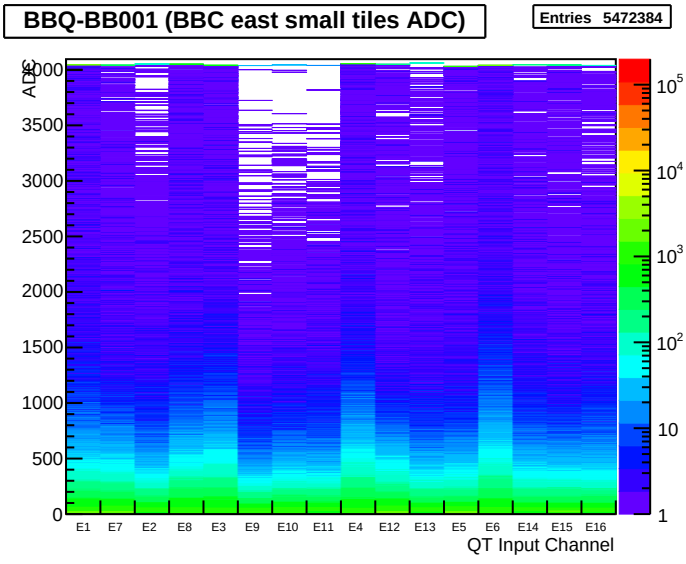

MIX-TF101
Entries 231706
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

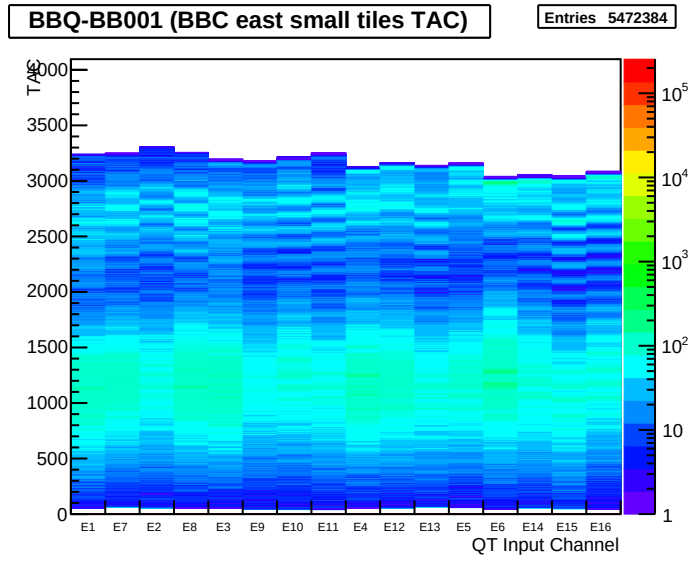

L2-TF201
Entries 342024
TOF total mult

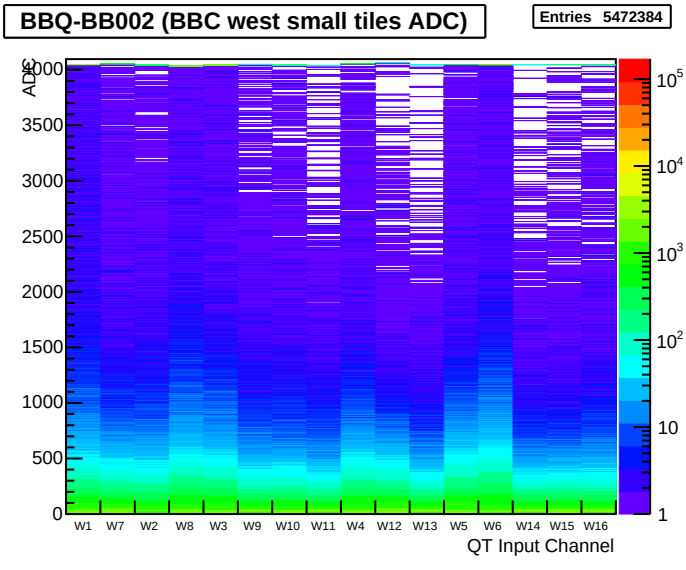

L2-TF201
Entries 0
TOF total mult(Real-Simu)

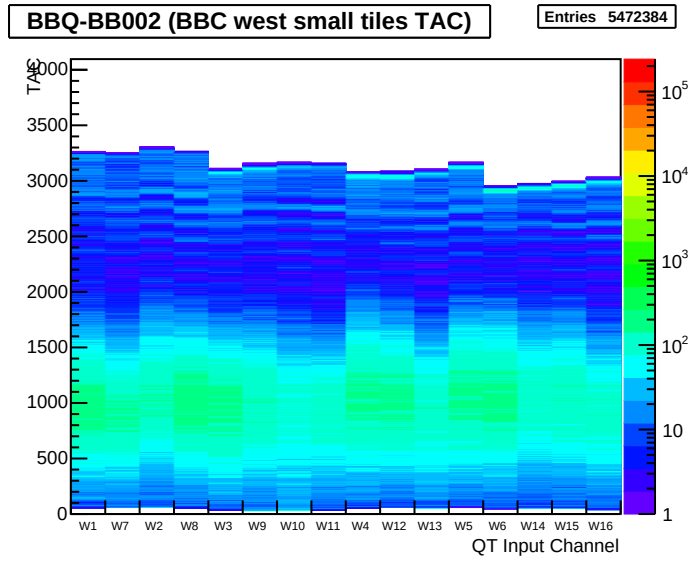

L2-TF201
Entries 2394168
Threshold/UPC bits
303384
305003
302024
305307
302969
301068
327398
38640
37021
40000
36717
39055
40956
14626
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

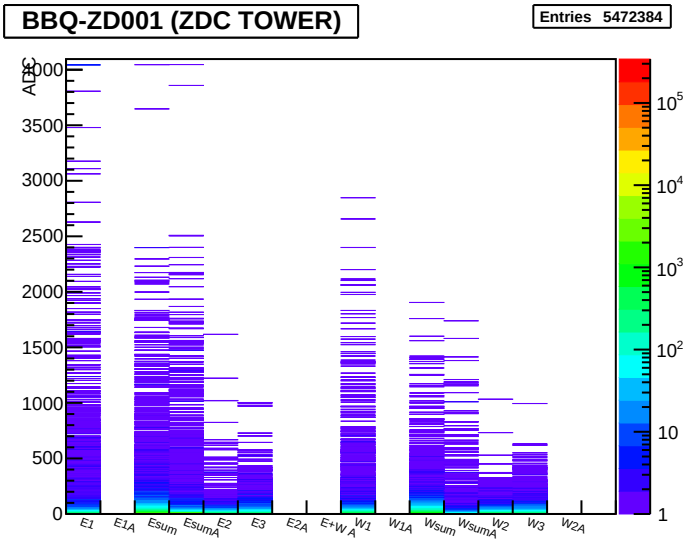

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

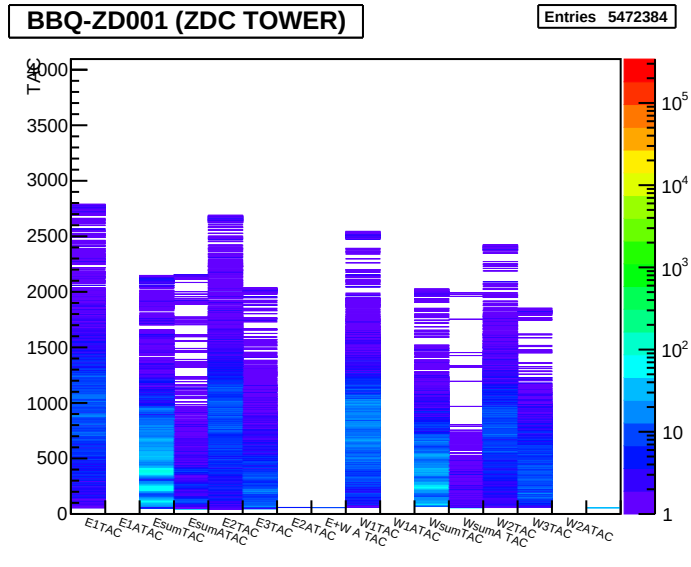

BBQ-BB001 (BBC east small tiles ADC)
Entries 5472384
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

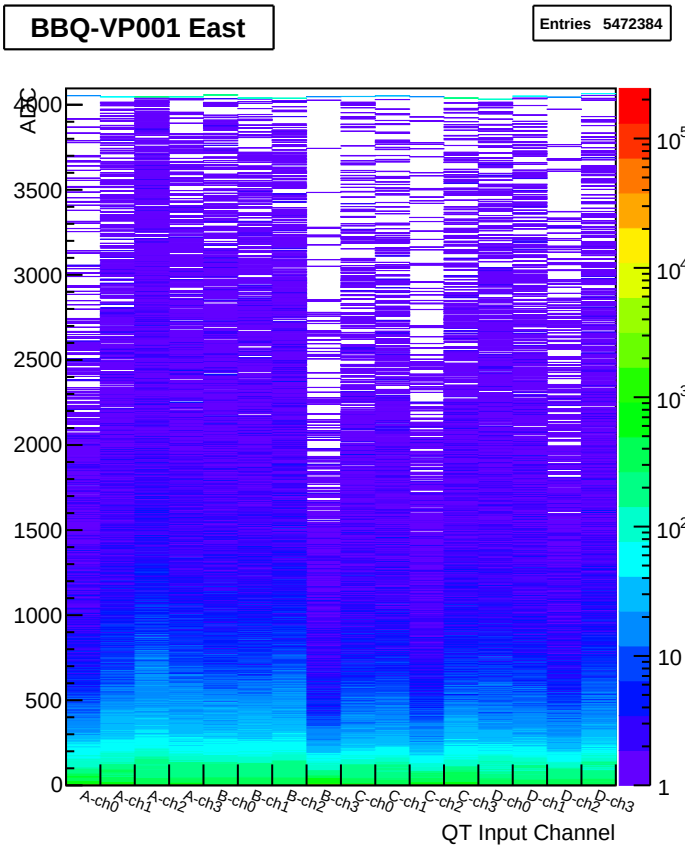

BBQ-BB001 (BBC east small tiles TAC)
Entries 5472384
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

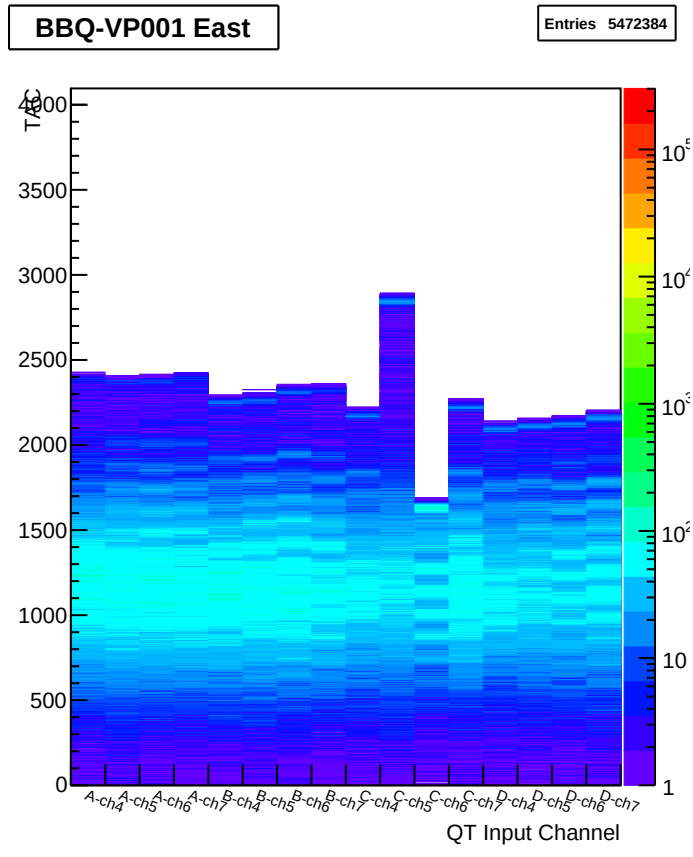

BBQ-BB002 (BBC west small tiles ADC)
Entries 5472384
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

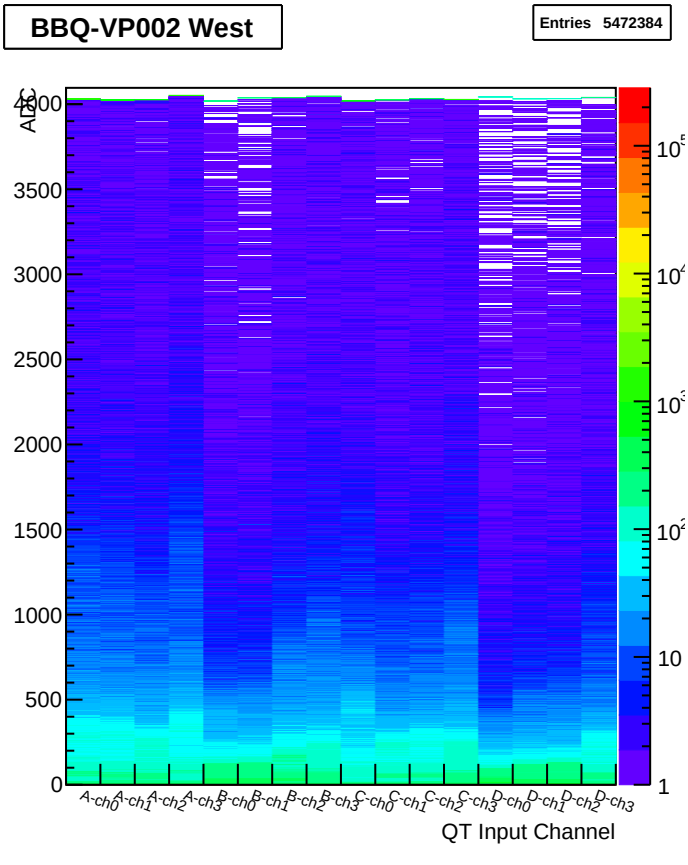

BBQ-BB002 (BBC west small tiles TAC)
Entries 5472384
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

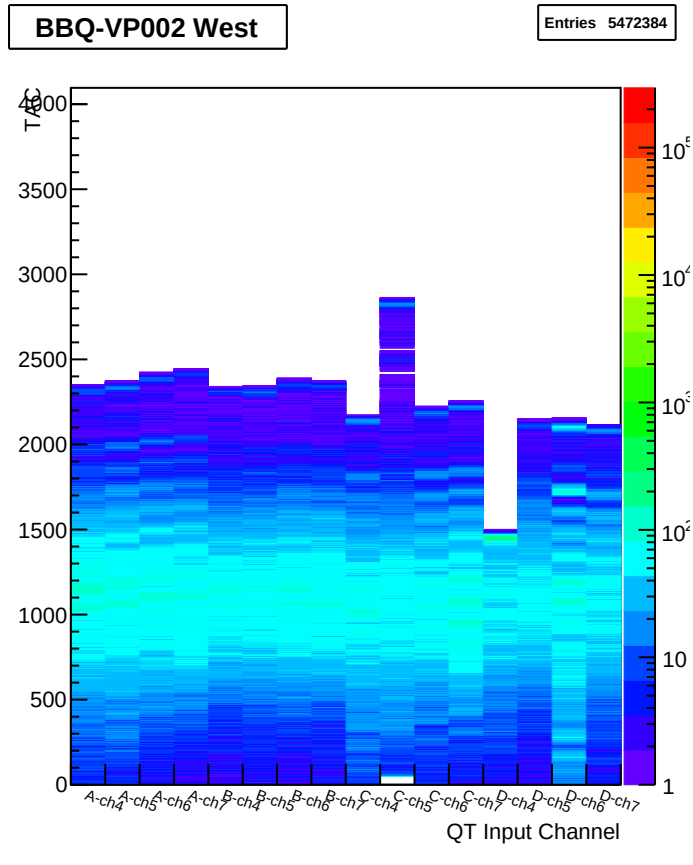

BBQ-ZD001 (ZDC TOWER)
Entries 5472384
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

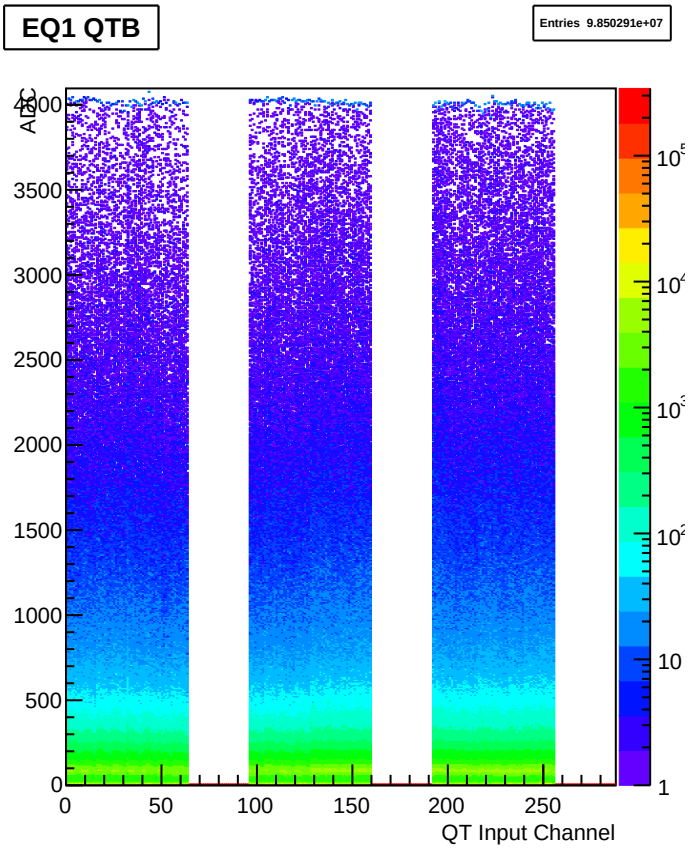

BBQ-ZD001 (ZDC TOWER)
Entries 5472384
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

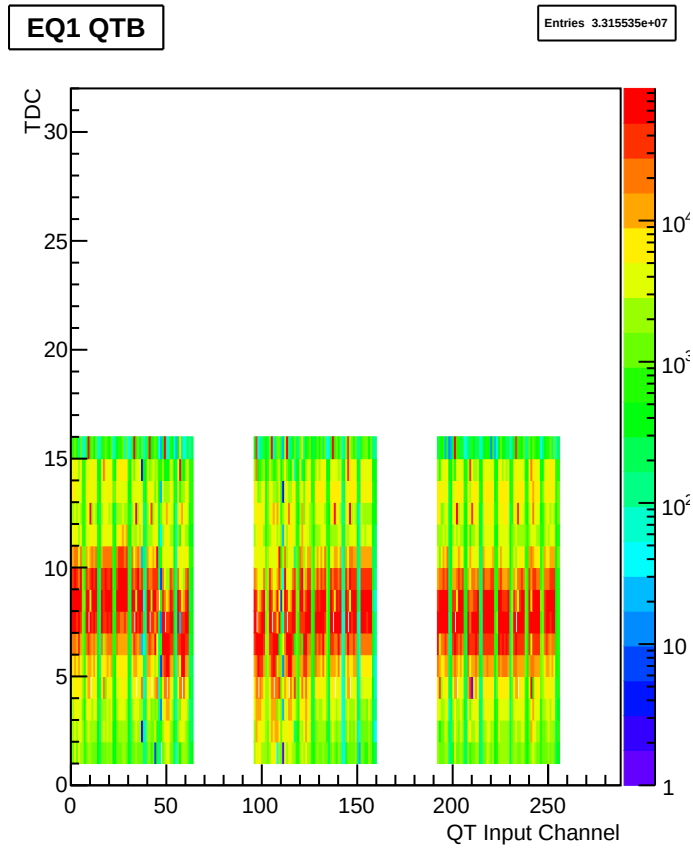

BBQ-VP001 East
Entries 5472384
ADC
QT Input Channel

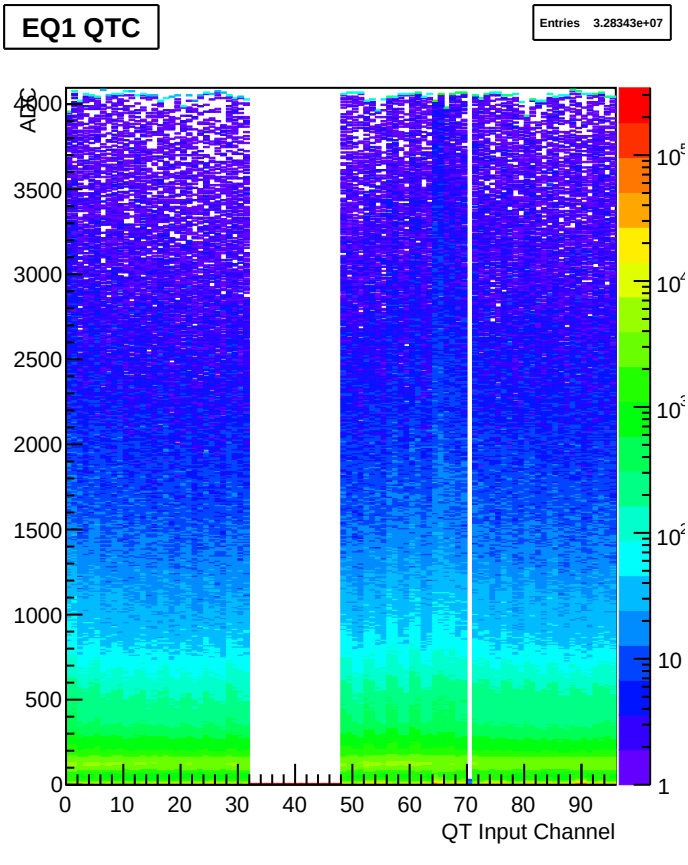

BBQ-VP001 East
Entries 5472384
TADC
QT Input Channel

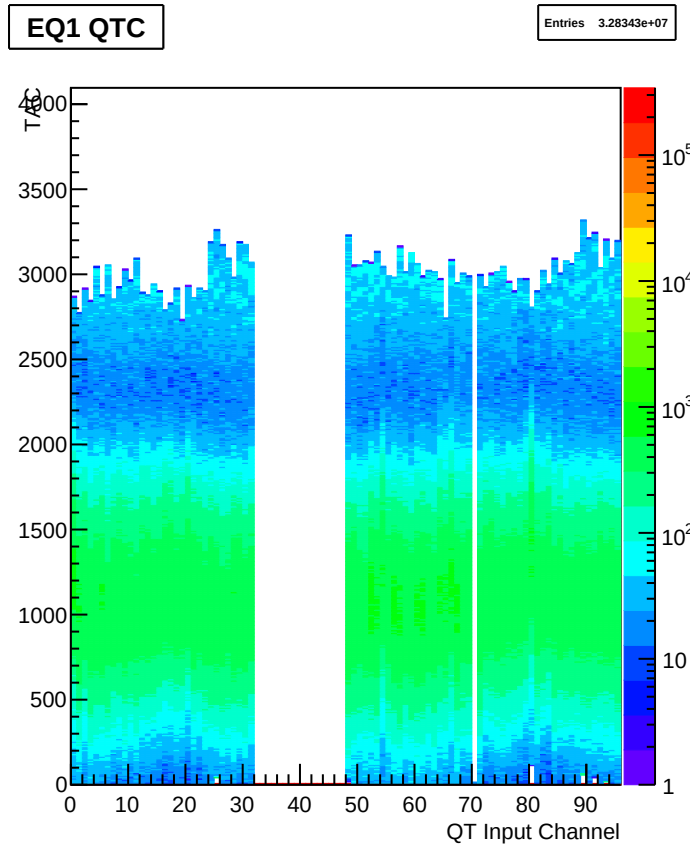

BBQ-VP002 West
Entries 5472384
ADC
QT Input Channel

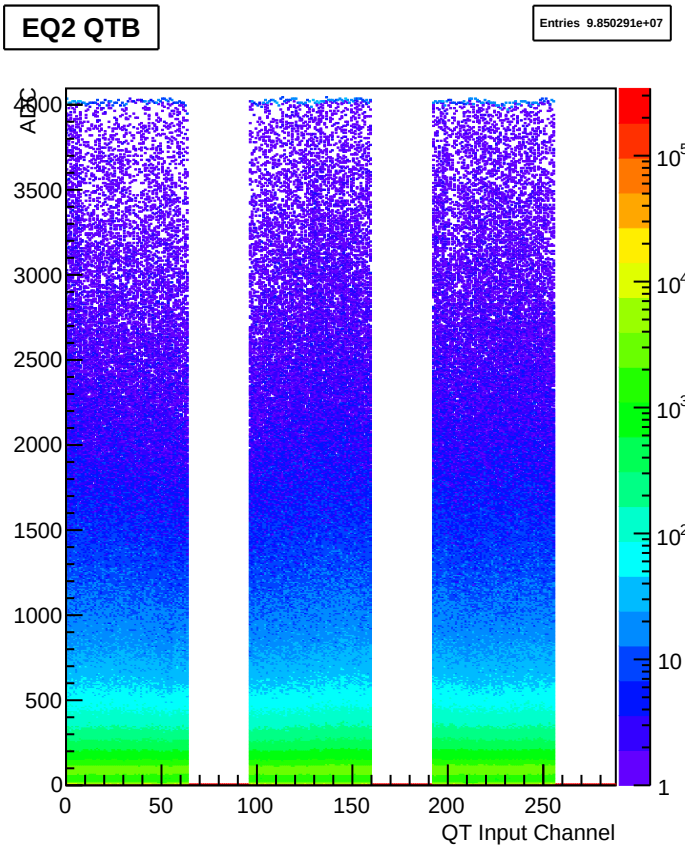

BBQ-VP002 West
Entries 5472384
TADC
QT Input Channel

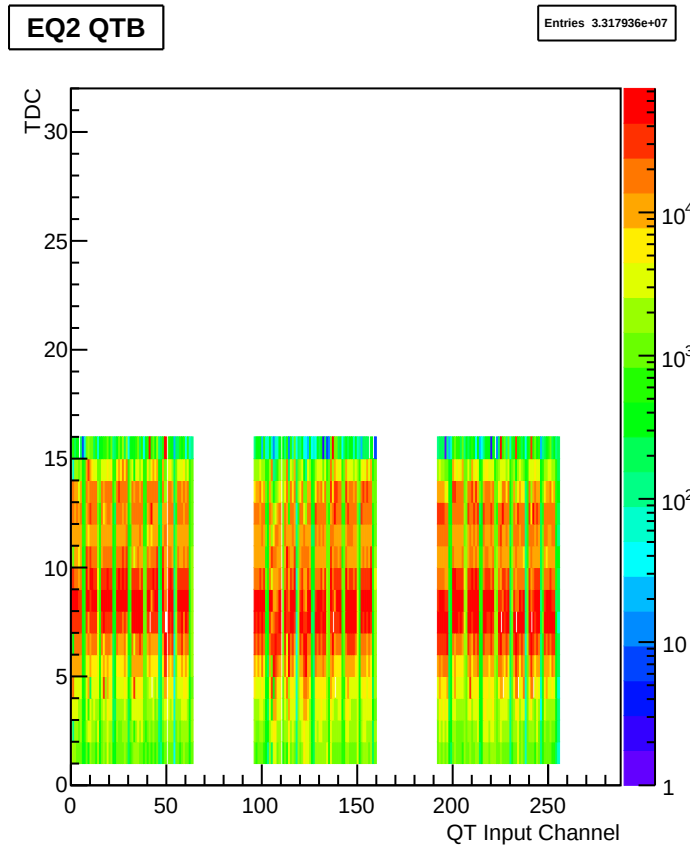

EQ1 QTB
Entries 9.850291e+07
ADC
QT Input Channel

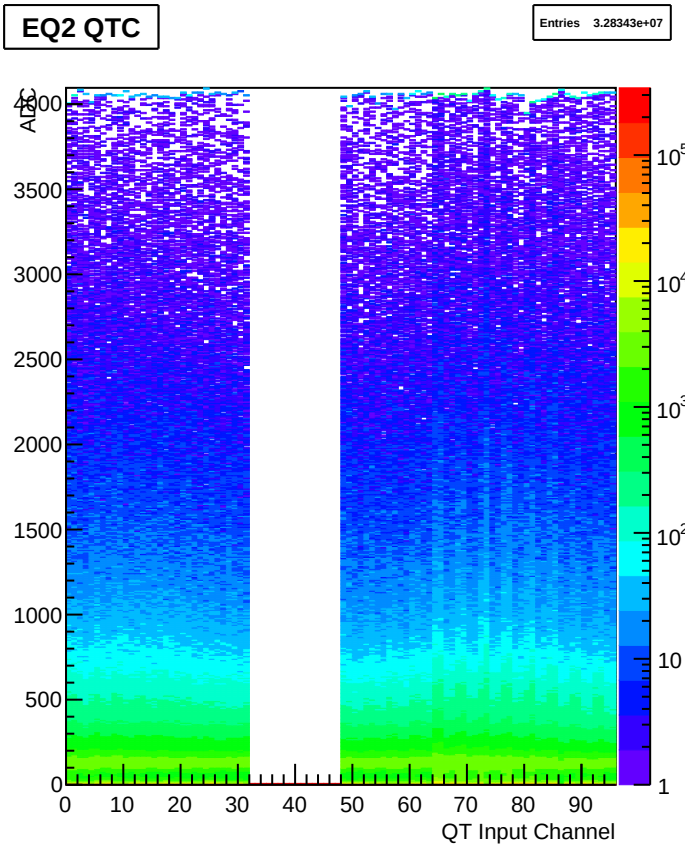

EQ1 QTB
Entries 3.315535e+07
TDC
QT Input Channel

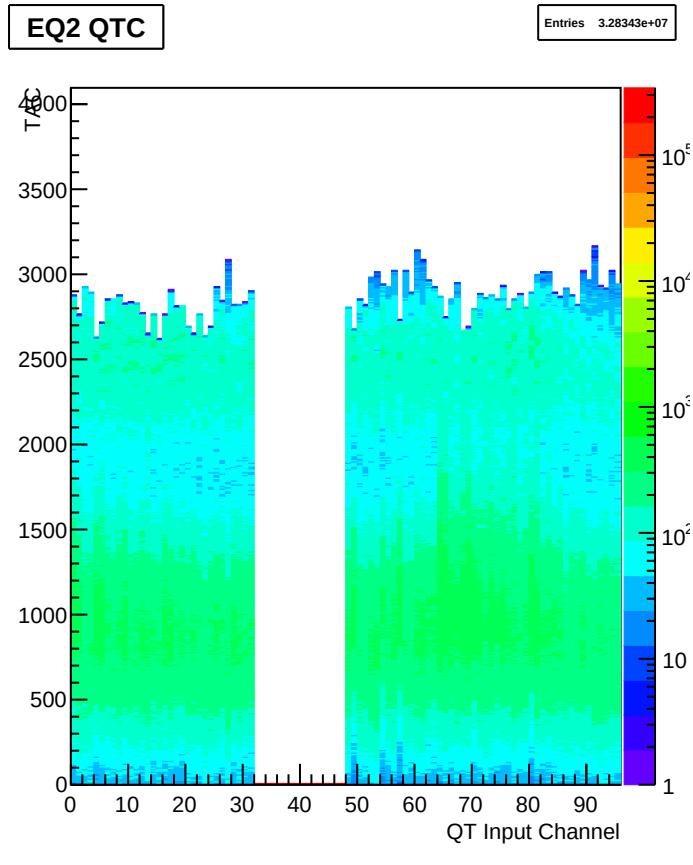

EQ1 QTC
Entries 3.28343e+07
ADC
QT Input Channel

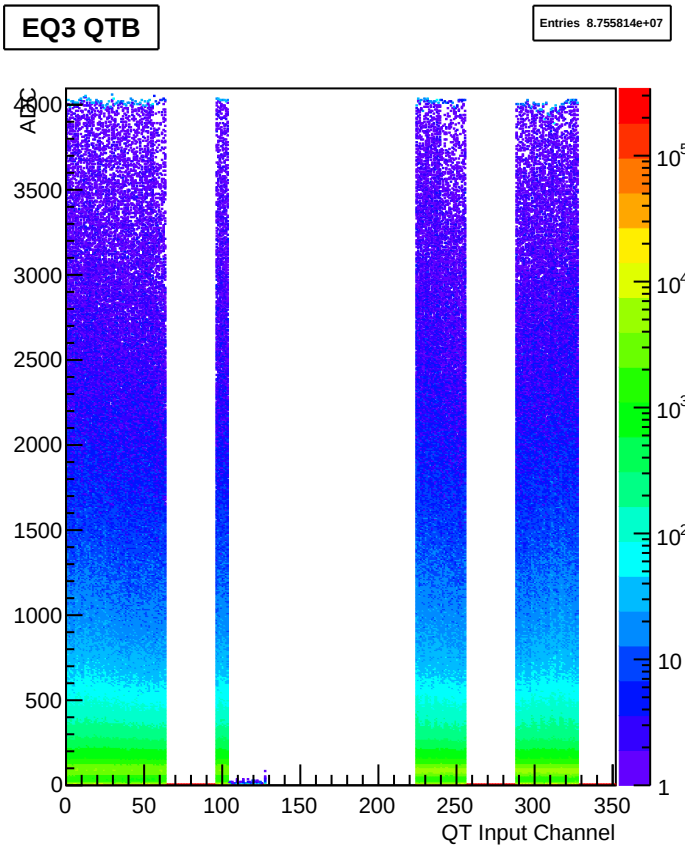

EQ1 QTC
Entries 3.28343e+07
TADC
QT Input Channel

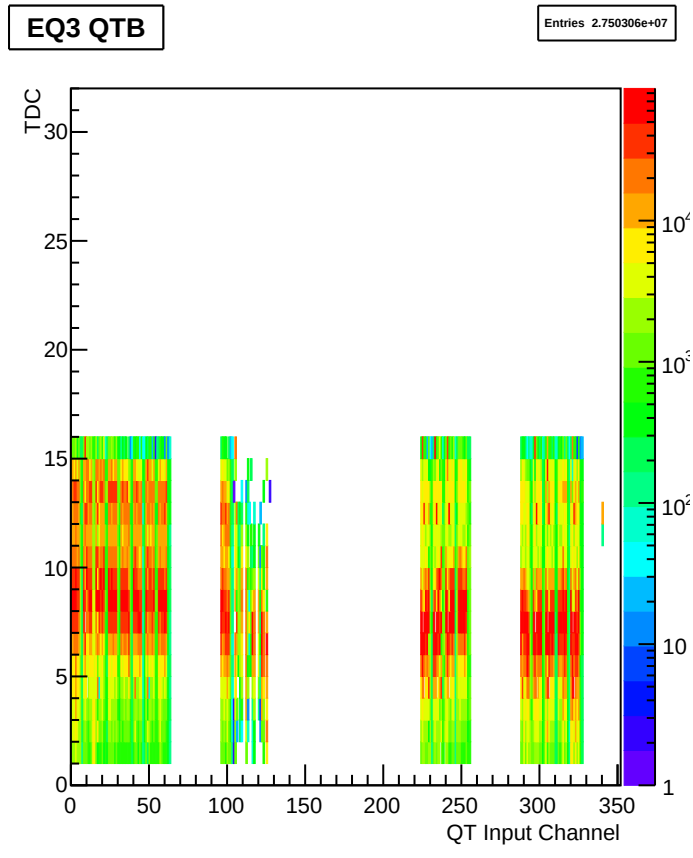

EQ2 QTB
Entries 9.850291e+07
ADC
QT Input Channel

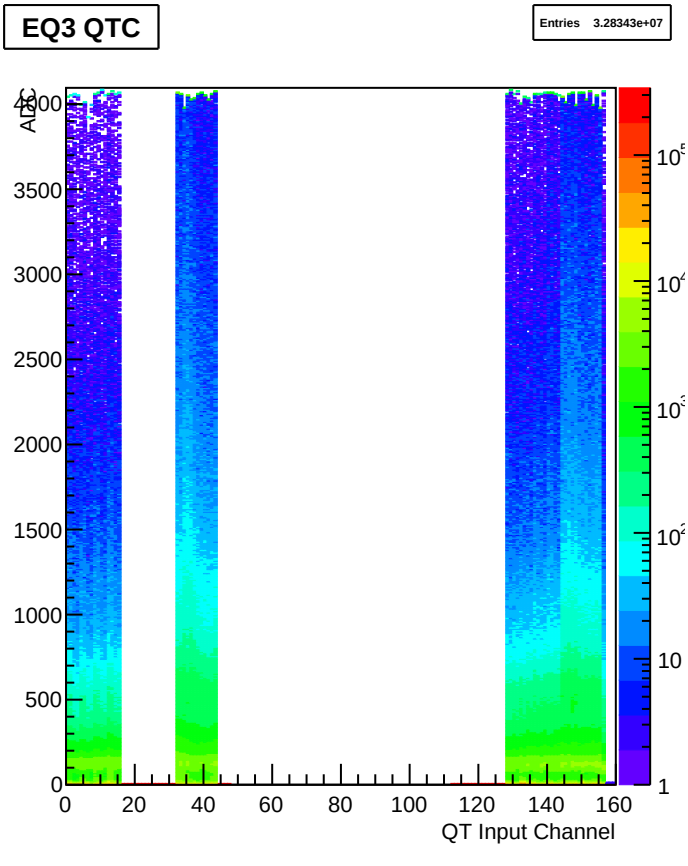

EQ2 QTB
Entries 3.317936e+07
TDC
QT Input Channel

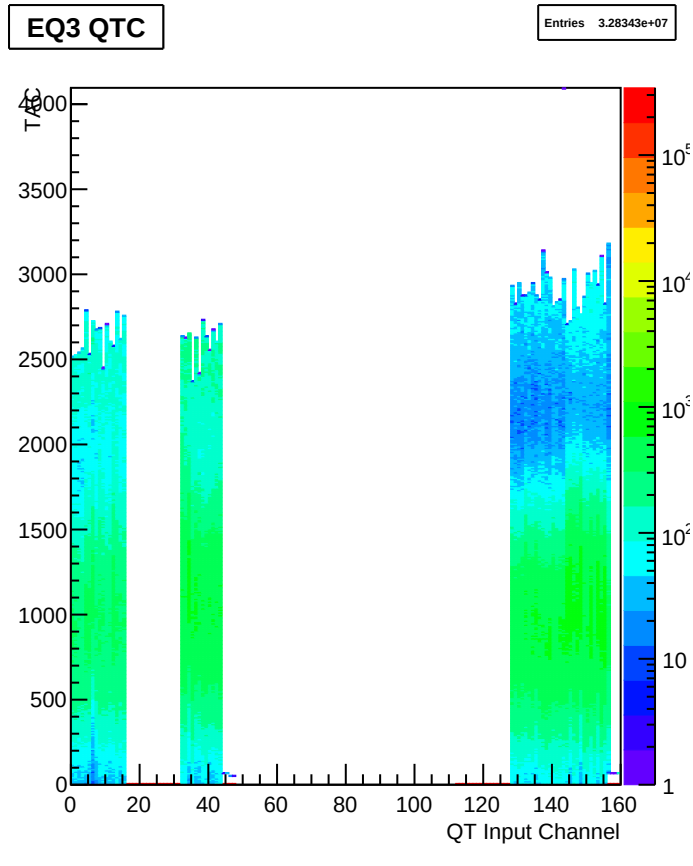

EQ2 QTC
Entries 3.28343e+07
ADC
QT Input Channel

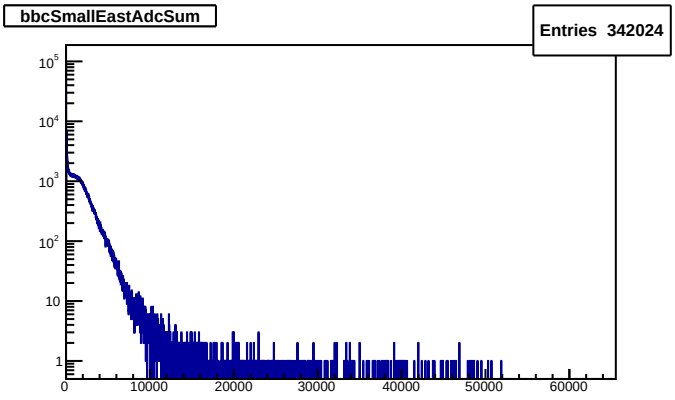

EQ2 QTC
Entries 3.28343e+07
TADC
QT Input Channel

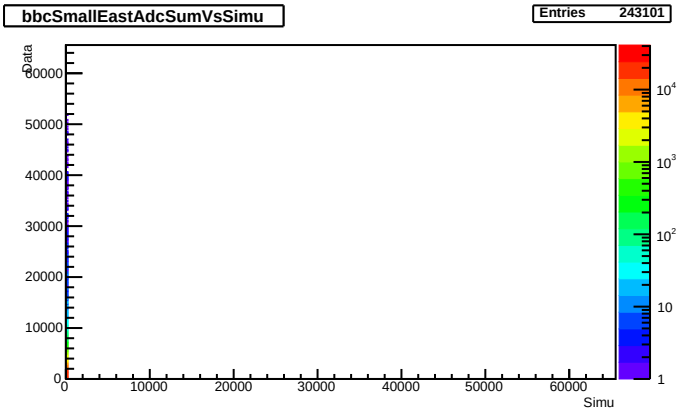

EQ3 QTB
Entries 8.755814e+07
ADC
QT Input Channel

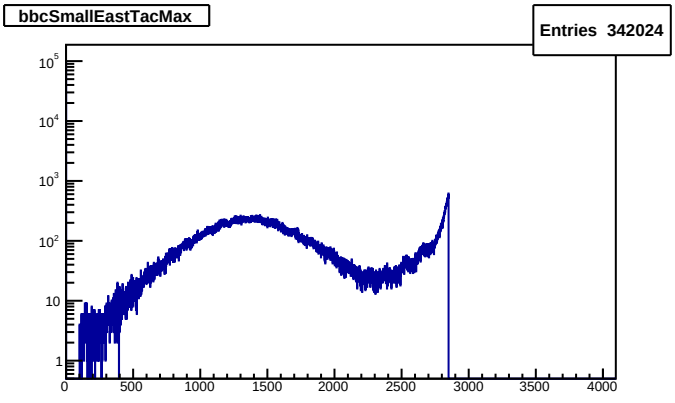

EQ3 QTB
Entries 2.750306e+07
TDC
QT Input Channel

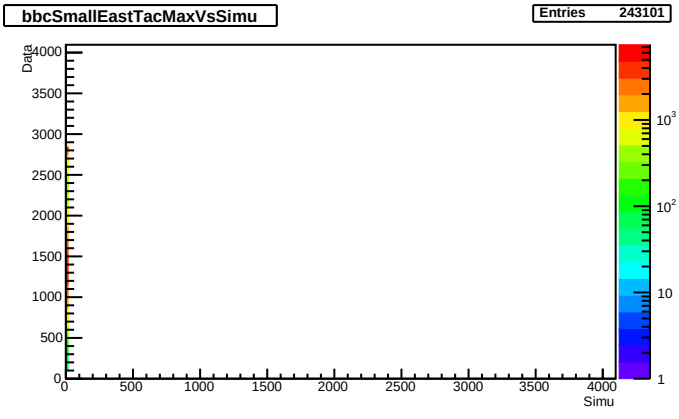

EQ3 QTC
Entries 3.28343e+07
ADC
QT Input Channel

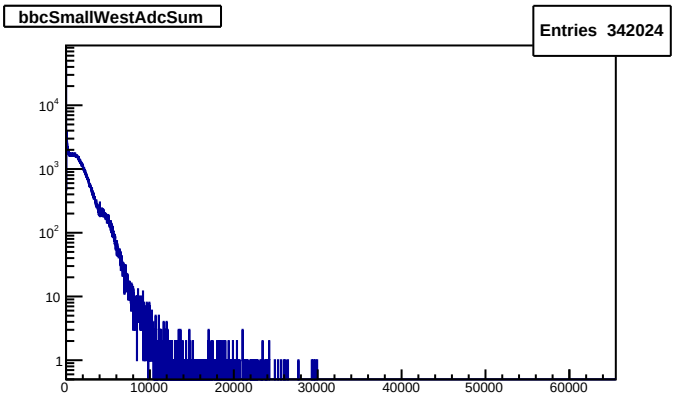

EQ3 QTC
Entries 3.28343e+07
TADC
QT Input Channel

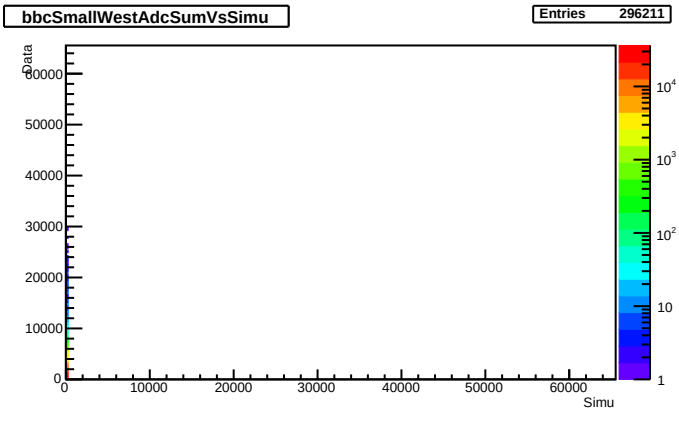

bbcSmallEastAdcSum
Entries 342024

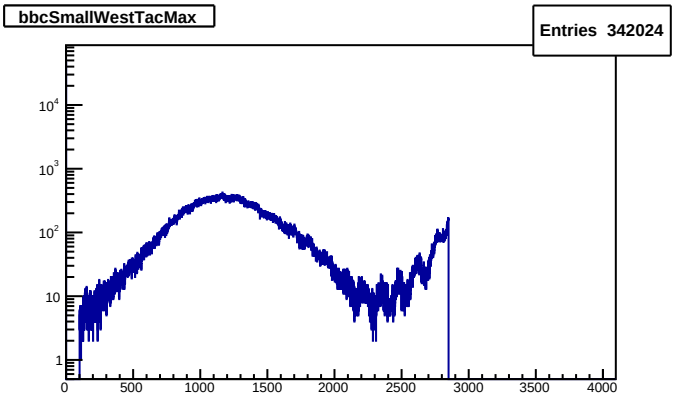

bbcSmallEastAdcSumVsSimu
Entries 243101
Data
Simu

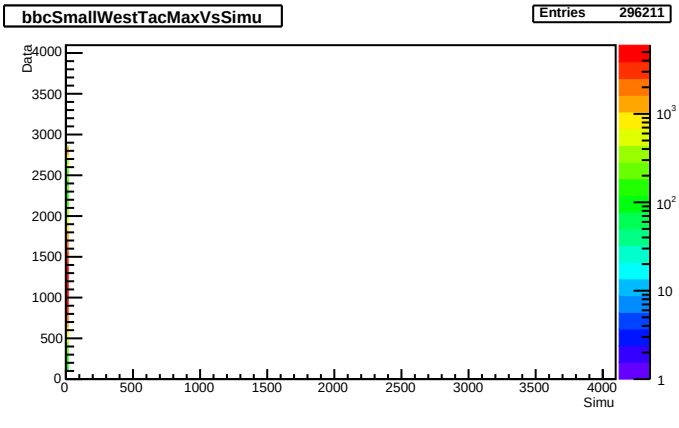

bbcSmallEastTacMax
Entries 342024

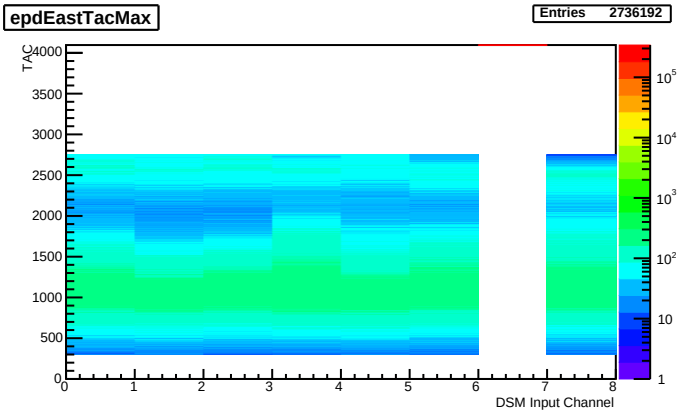

bbcSmallEastTacMaxVsSimu
Entries 243101
Data
Simu

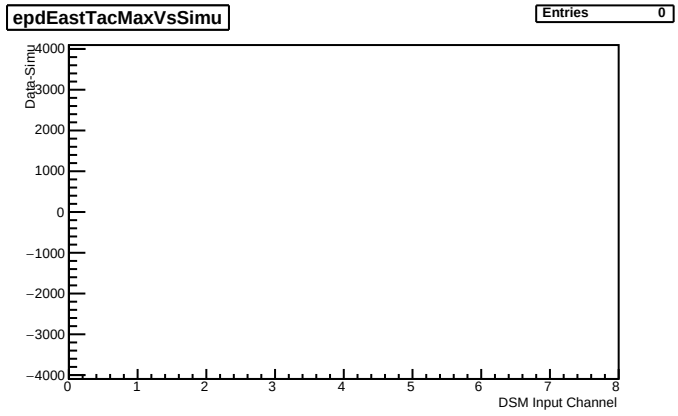

bbcSmallWestAdcSum
Entries 342024

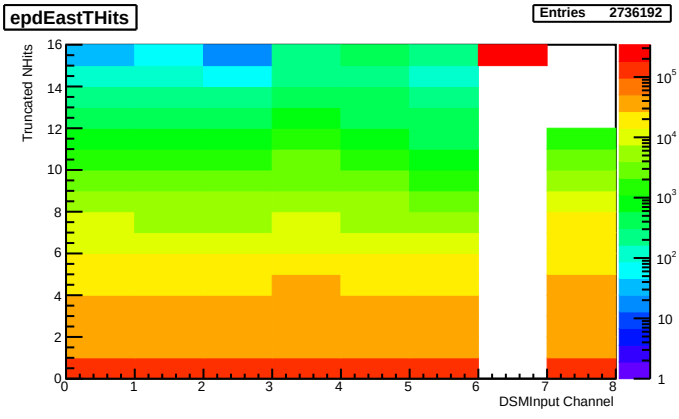

bbcSmallWestAdcSumVsSimu
Entries 296211
Data
Simu

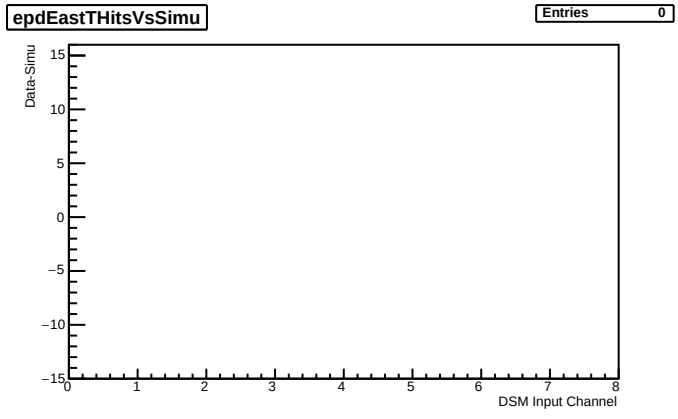

bbcSmallWestTacMax
Entries 342024

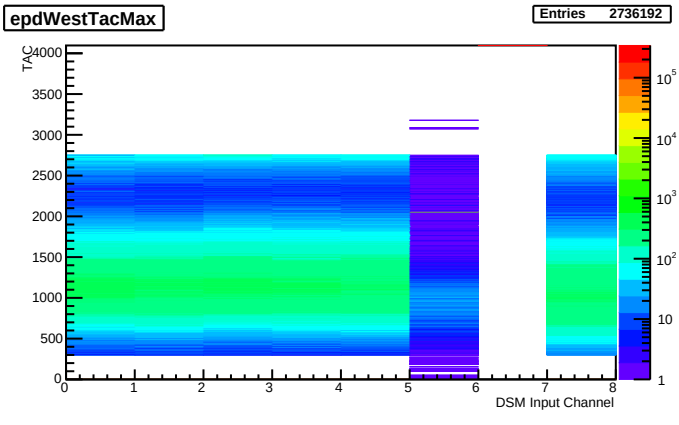

bbcSmallWestTacMaxVsSimu
Entries 296211
Data
Simu

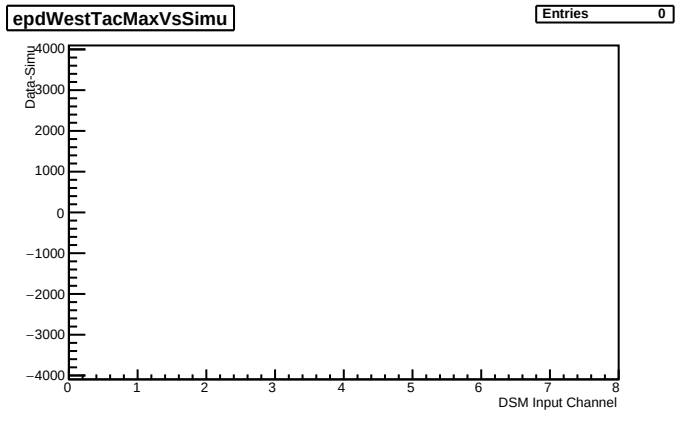

epdEastTacMax
Entries 2736192
TAC
DSM Input Channel

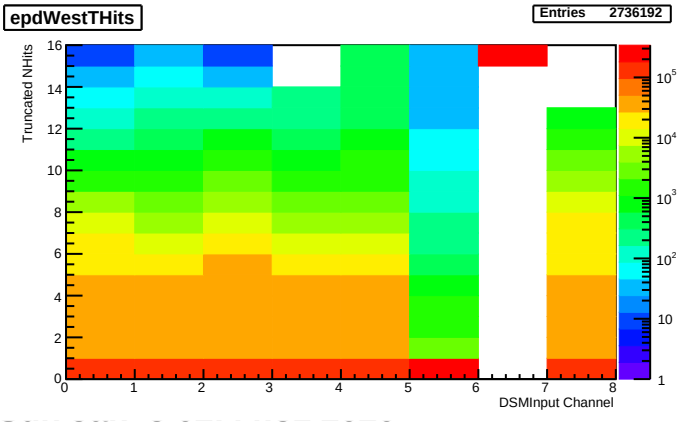

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

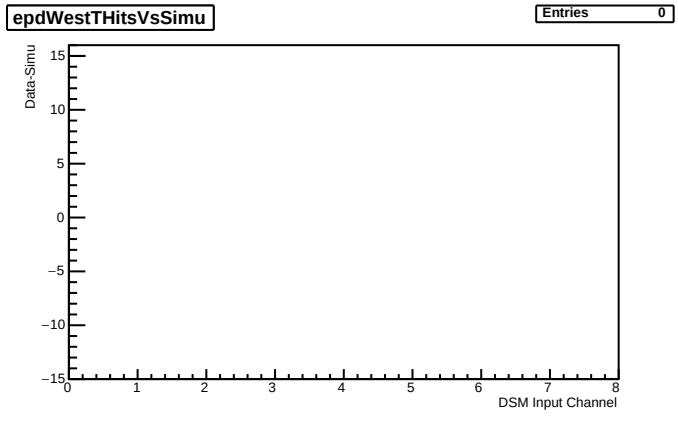

epdEastTHits
Entries 2736192
Truncated NHits
DSMInput Channel

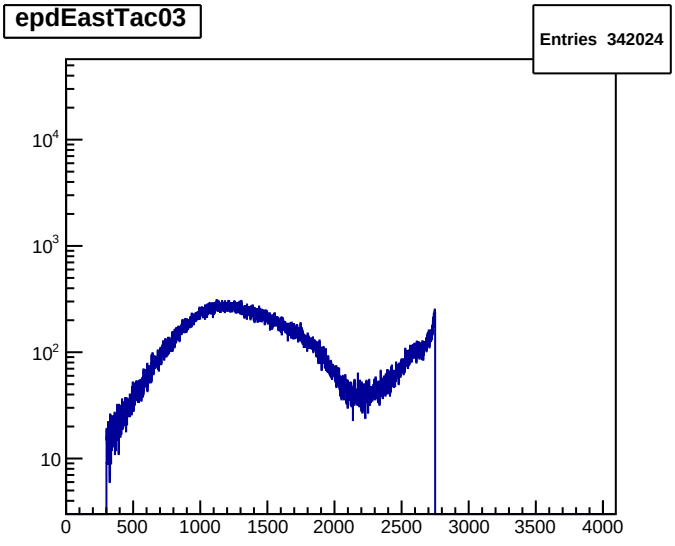

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

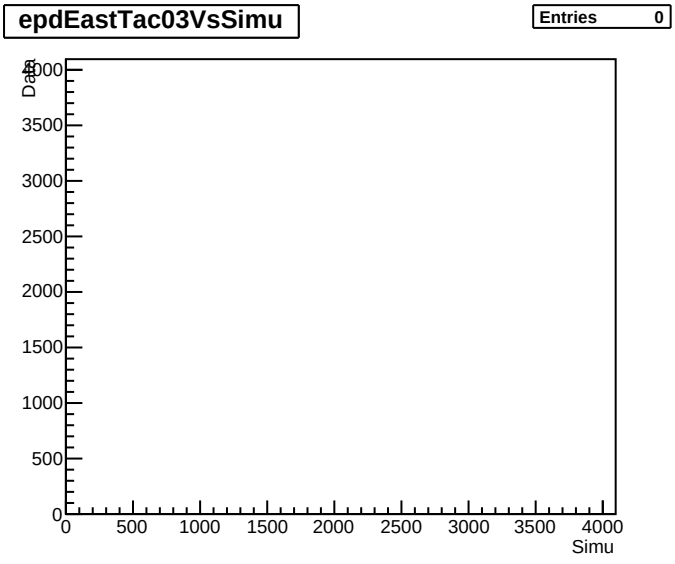

epdWestTacMax
Entries 2736192
TAC
DSM Input Channel

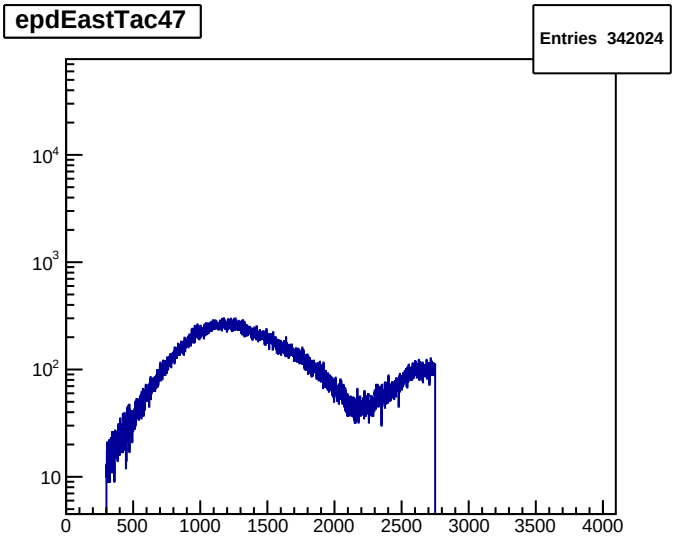

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

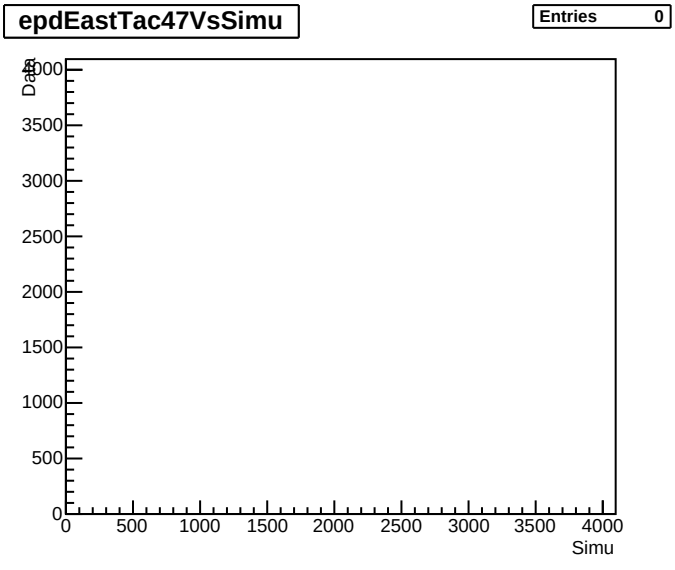

epdWestTHits
Entries 2736192
Truncated NHits
DSMInput Channel

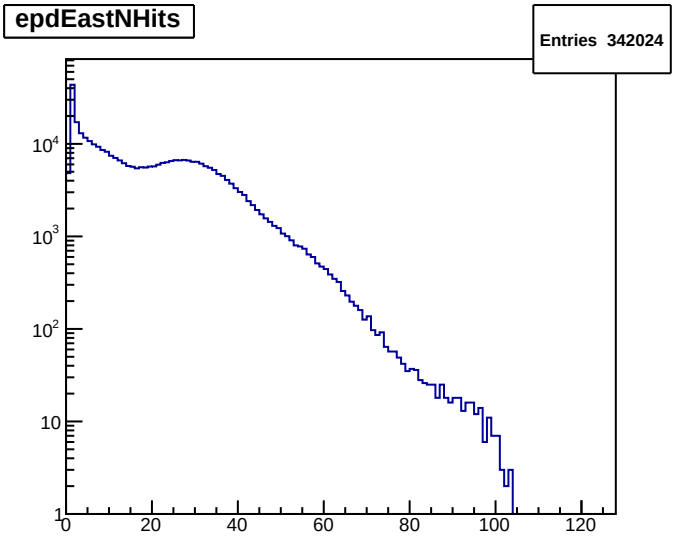

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

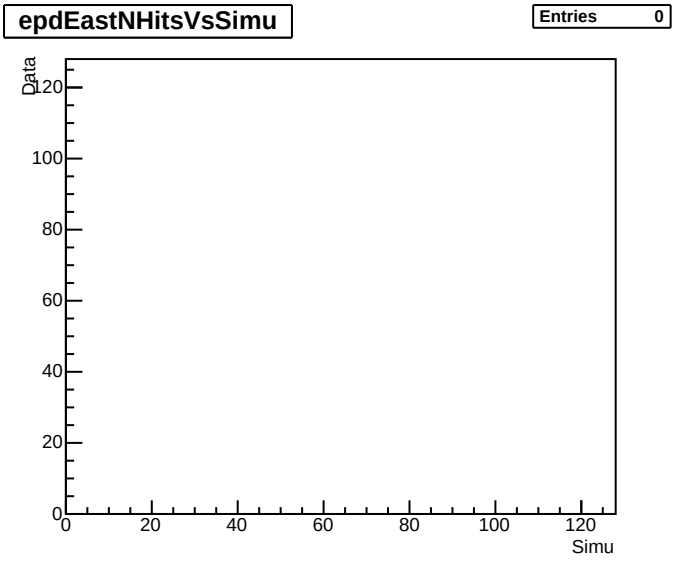

epdEastTac03
Entries 342024

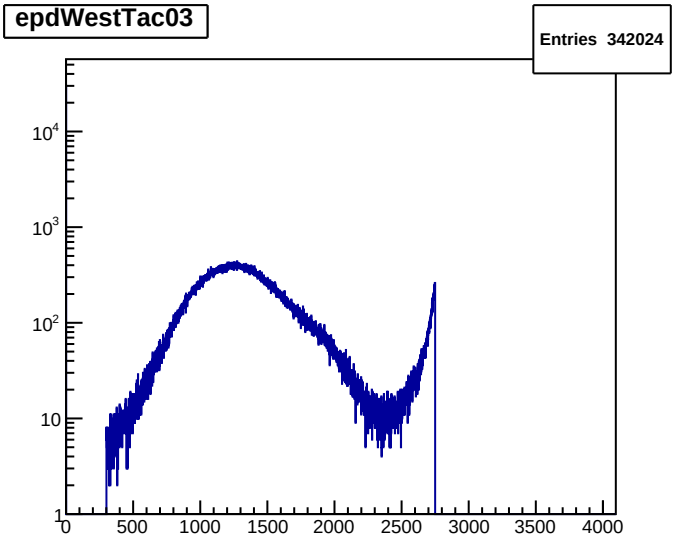

epdEastTac03VsSimu
Entries 0
Data
Simu

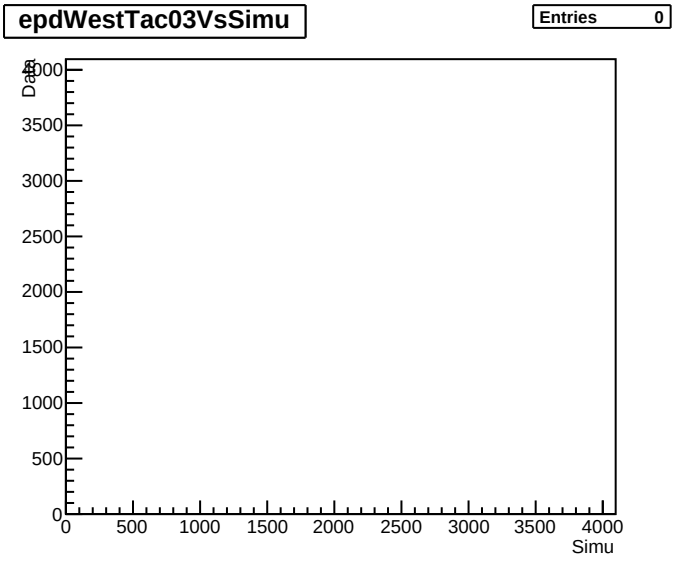

epdEastTac47
Entries 342024

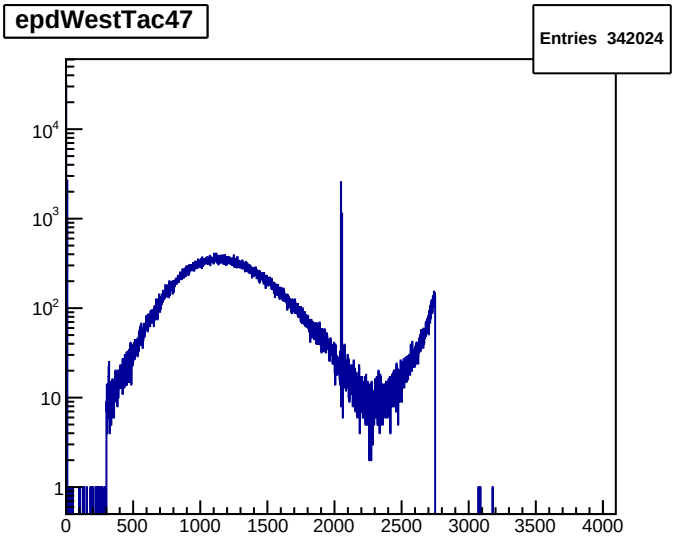

epdEastTac47VsSimu
Entries 0
Data
Simu

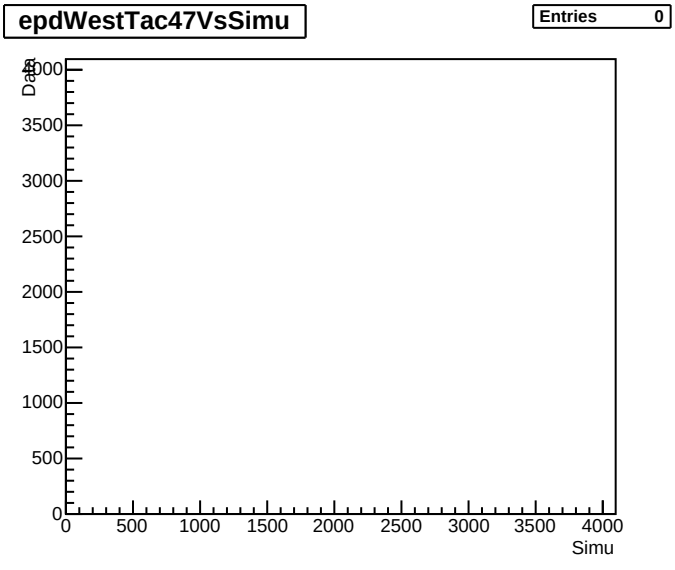

epdEastNHits
Entries 342024

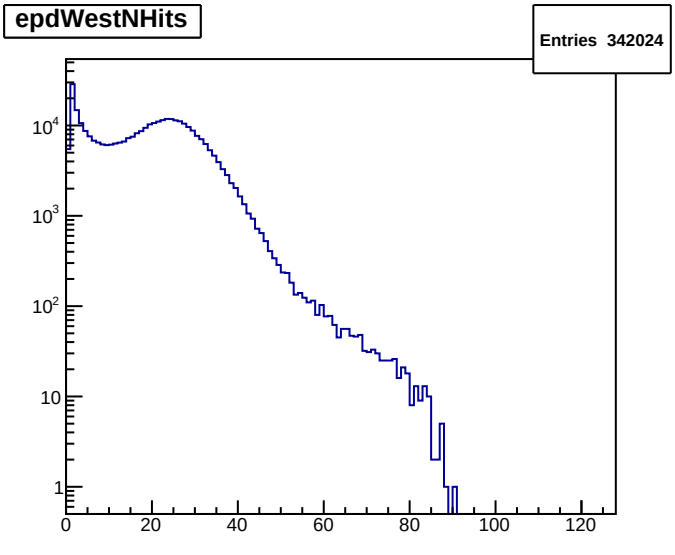

epdEastNHitsVsSimu
Entries 0
Data
Simu

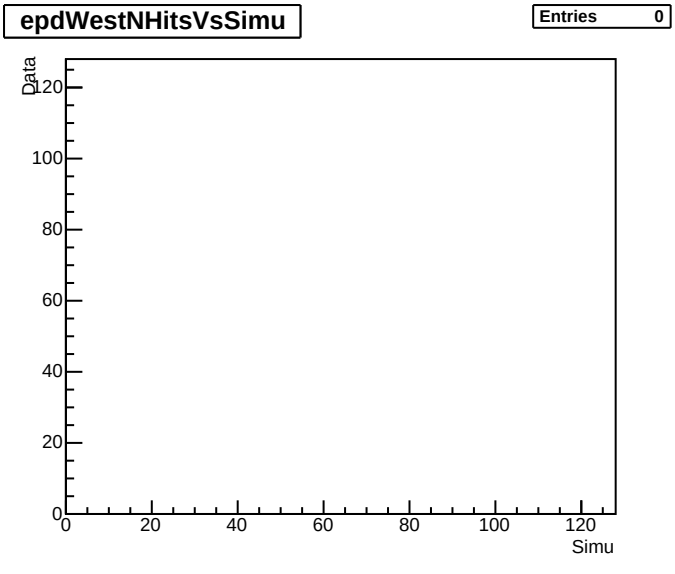

epdWestTac03
Entries 342024

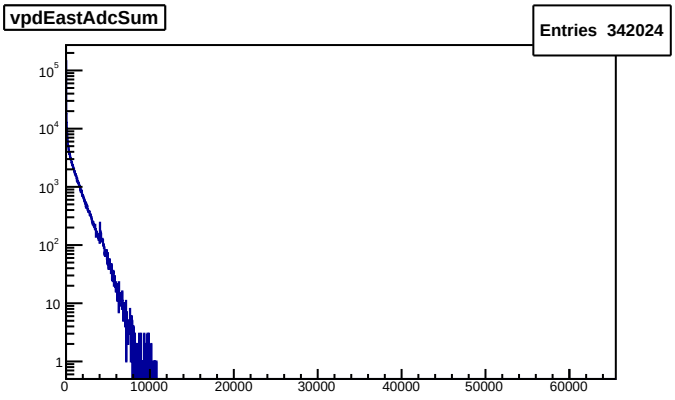

epdWestTac03VsSimu
Entries 0
Data
Simu

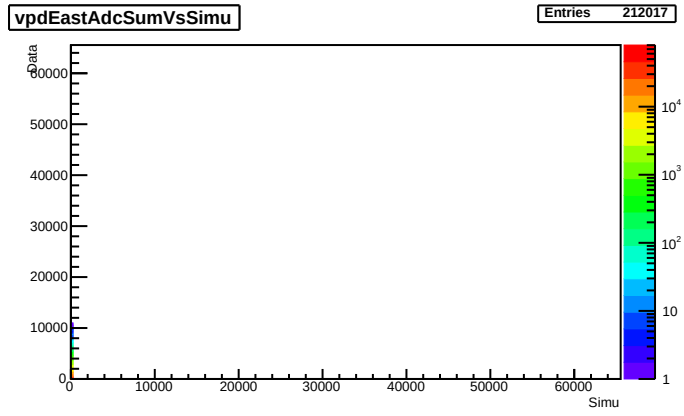

epdWestTac47
Entries 342024

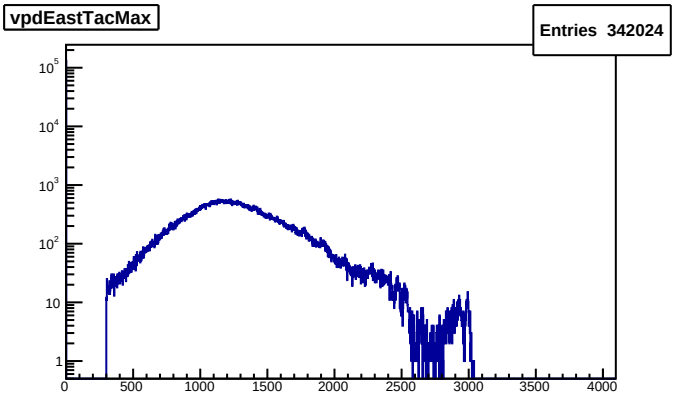

epdWestTac47VsSimu
Entries 0
Data
Simu

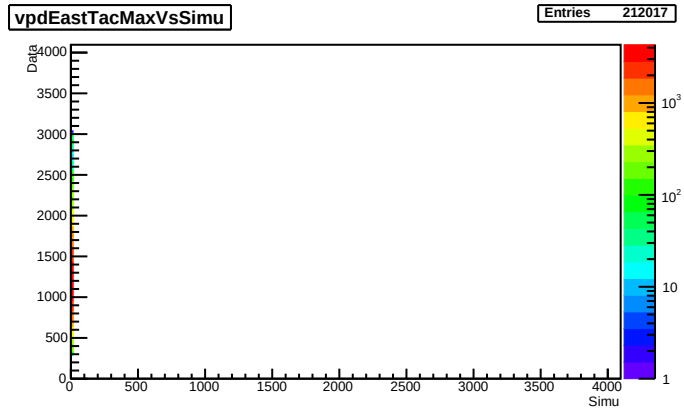

epdWestNHits
Entries 342024

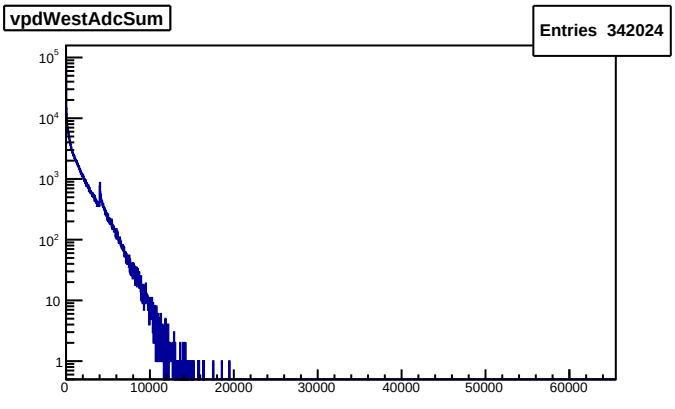

epdWestNHitsVsSimu
Entries 0
Data
Simu

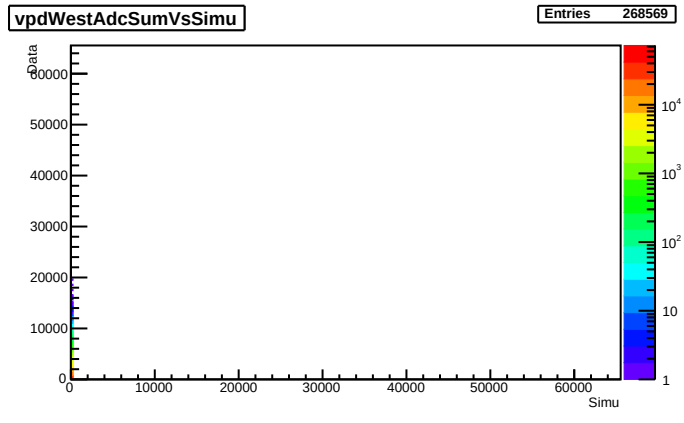

vpdEastAdcSum
Entries 342024

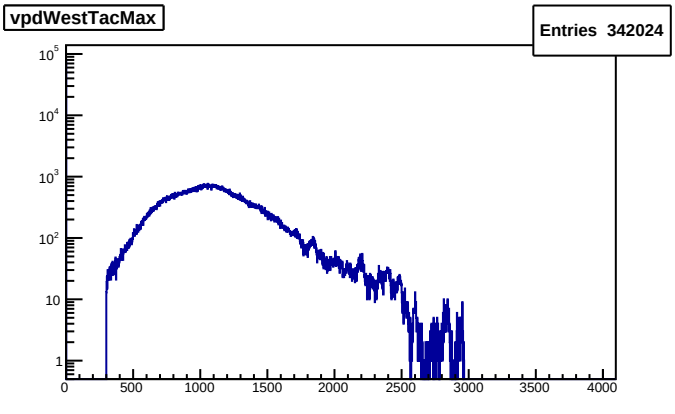

vpdEastAdcSumVsSimu
Entries 212017
Data
Simu

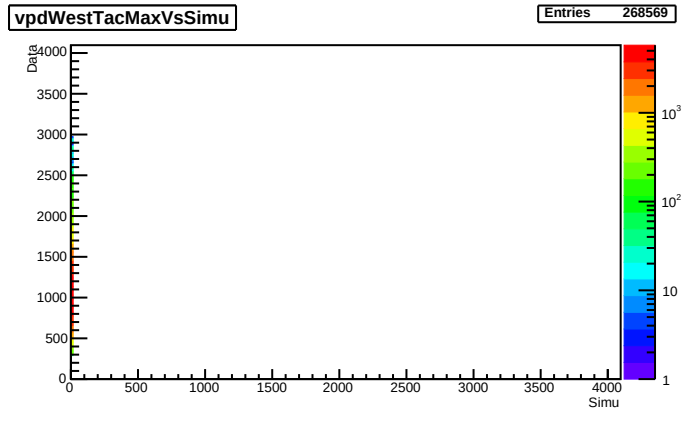

vpdEastTacMax
Entries 342024

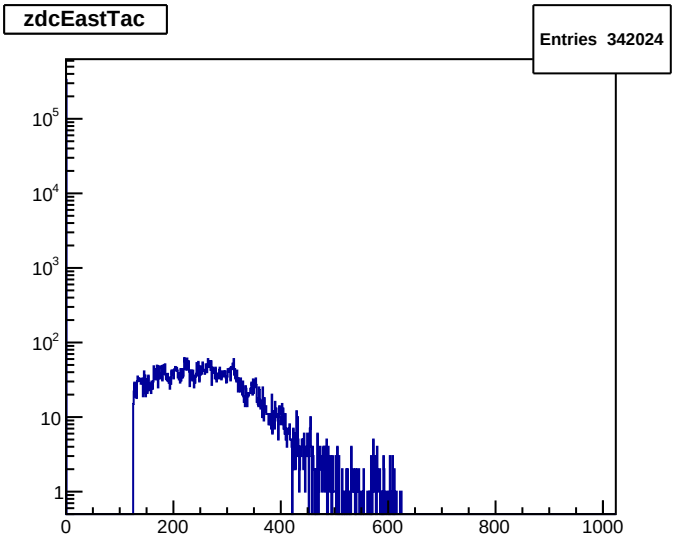

vpdEastTacMaxVsSimu
Entries 212017
Data
Simu

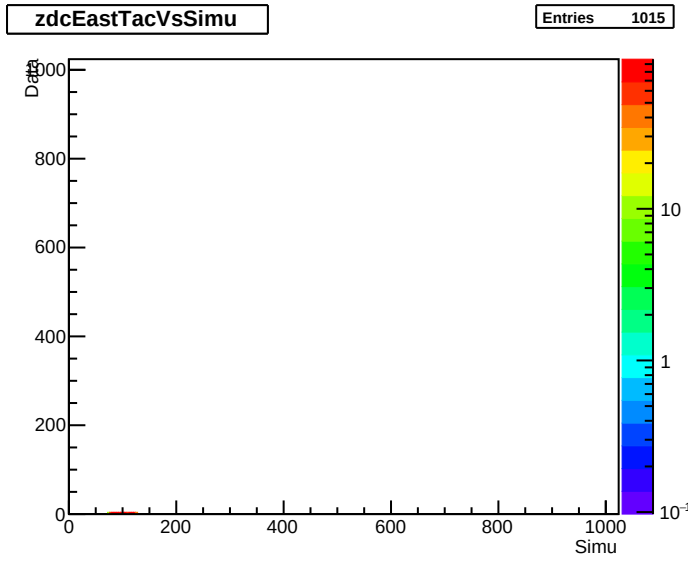

vpdWestAdcSum
Entries 342024

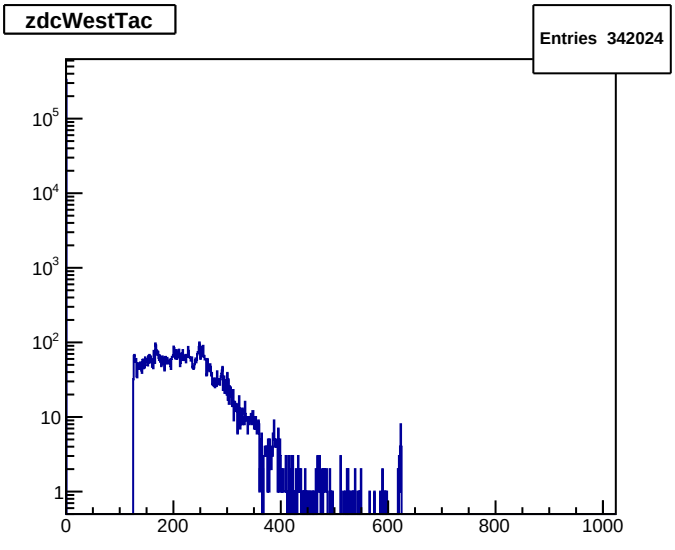

vpdWestAdcSumVsSimu
Entries 268569
Data
Simu

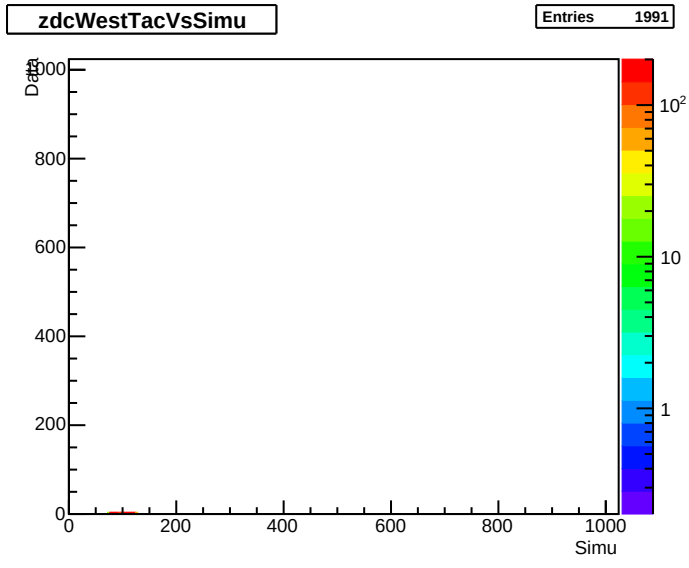

vpdWestTacMax
Entries 342024

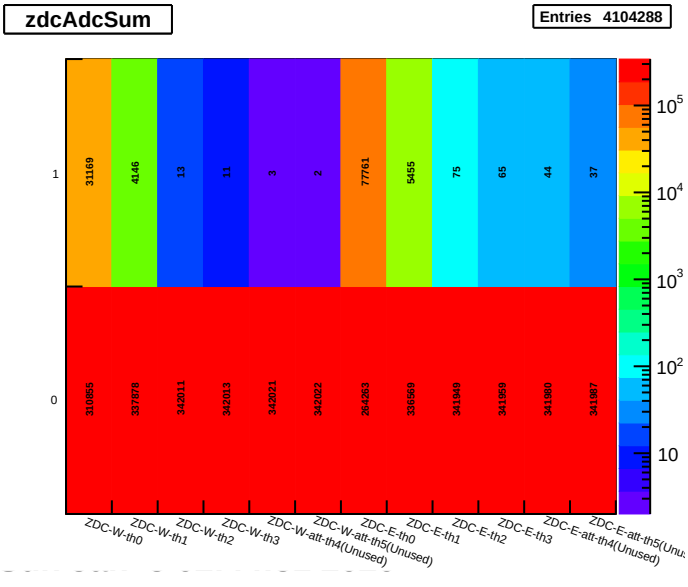

vpdWestTacMaxVsSimu
Entries 268569
Data
Simu

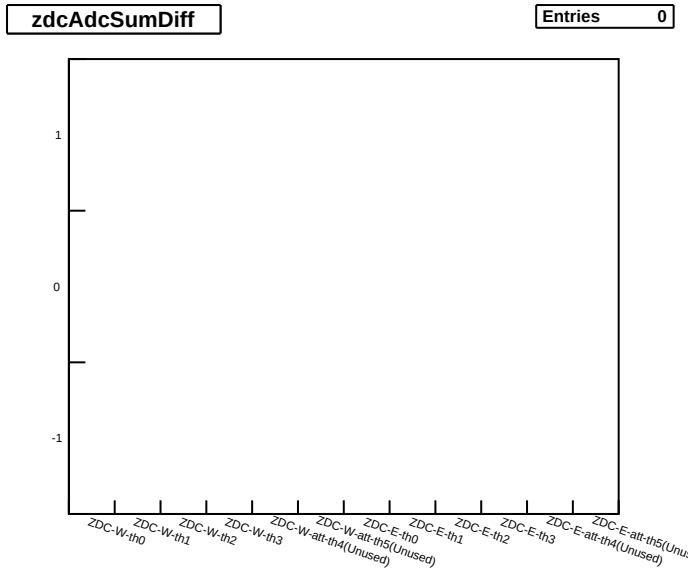

zdcEastTac
Entries 342024

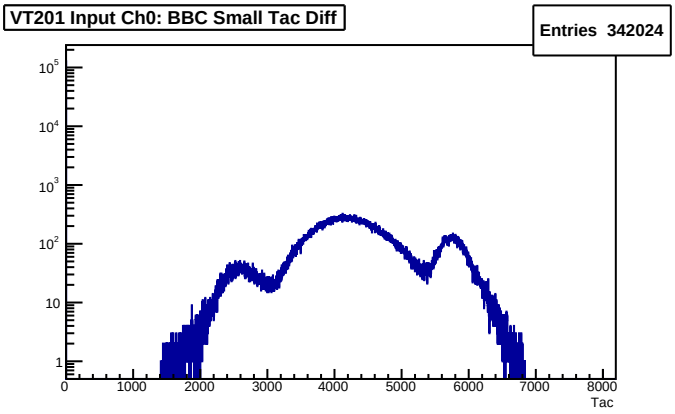

zdcEastTacVsSimu
Entries 1015
Data
Simu

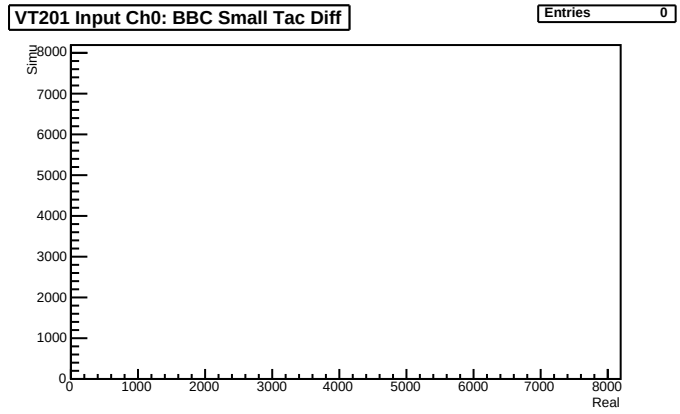

zdcWestTac
Entries 342024

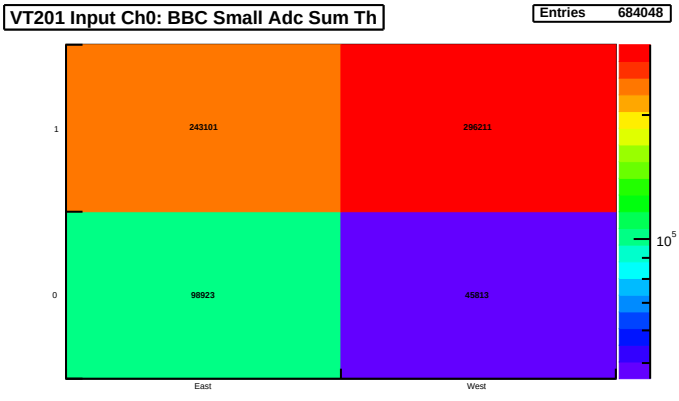

zdcWestTacVsSimu
Entries 1991
Data
Simu

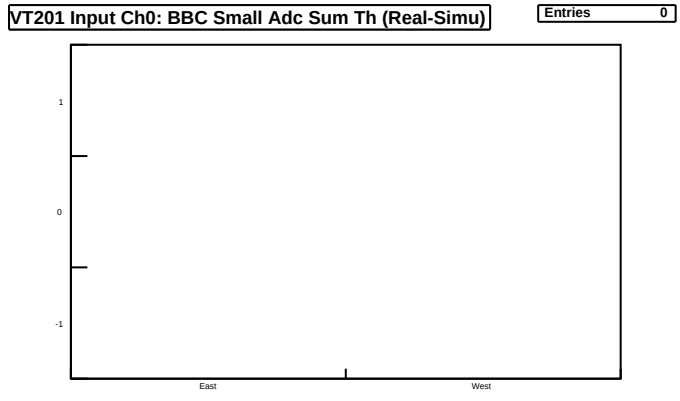

zdcAdcSum
Entries 4104288
31169
4146
13
11
3
2
77761
5455
75
65
44
37
310855
337878
342011
342013
342021
342022
264263
336569
341949
341959
341980
341987
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

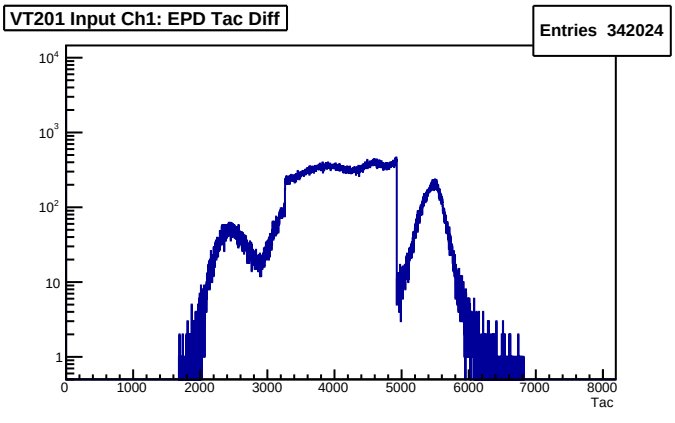

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

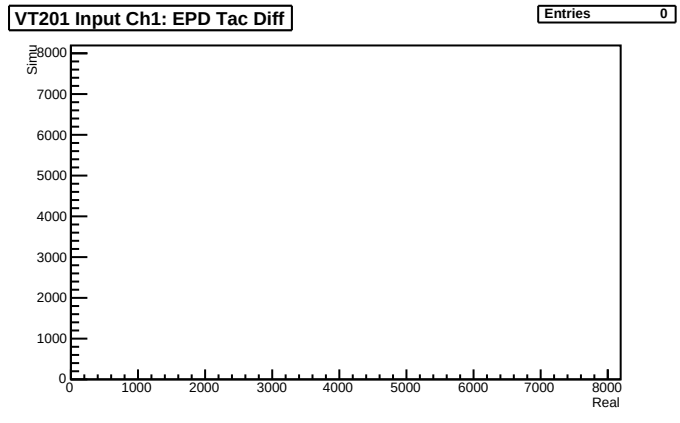

VT201 Input Ch0: BBC Small Tac Diff
Entries 342024
Tac

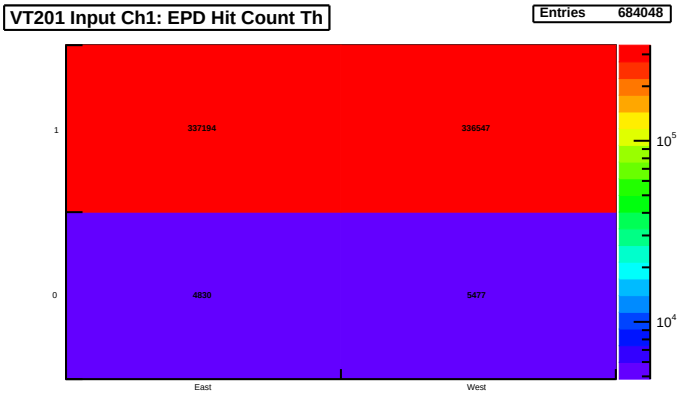

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

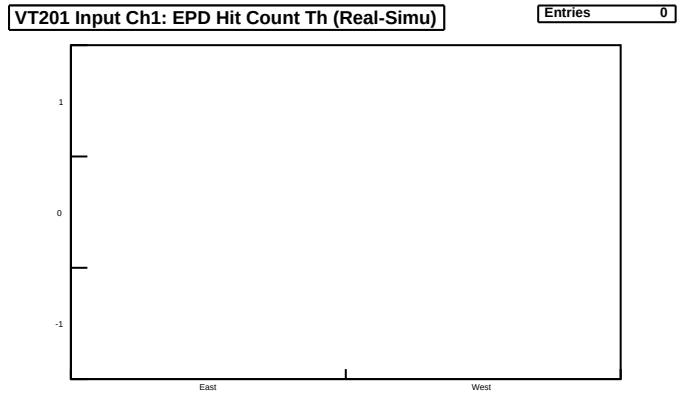

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 684048
243101
296211
98923
45813
East
West

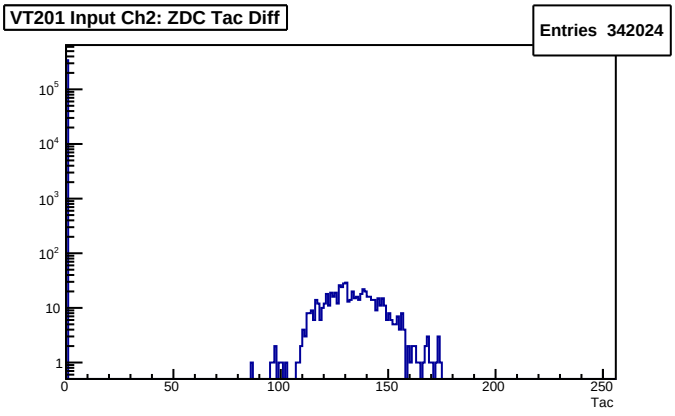

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

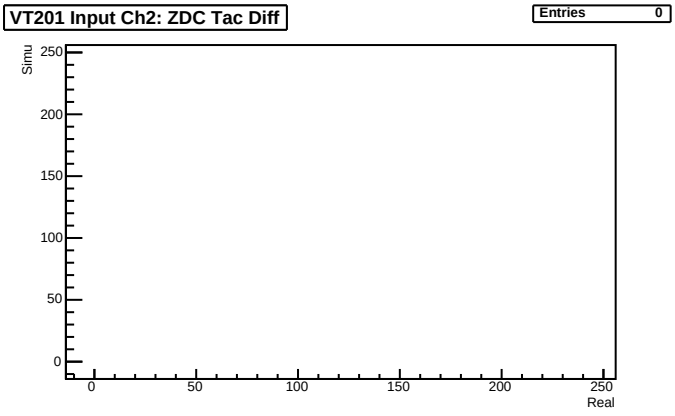

VT201 Input Ch1: EPD Tac Diff
Entries 342024
Tac

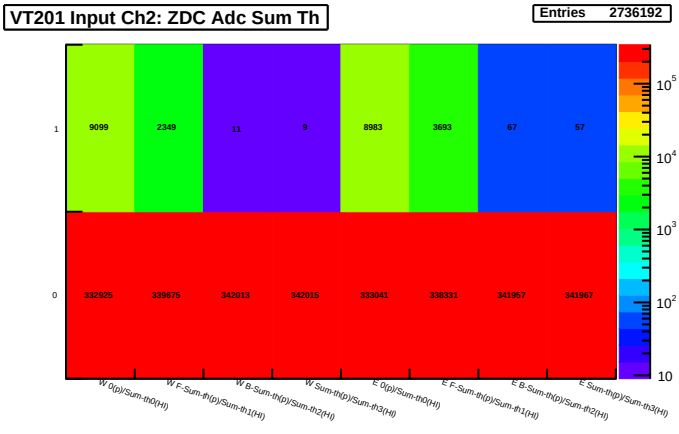

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

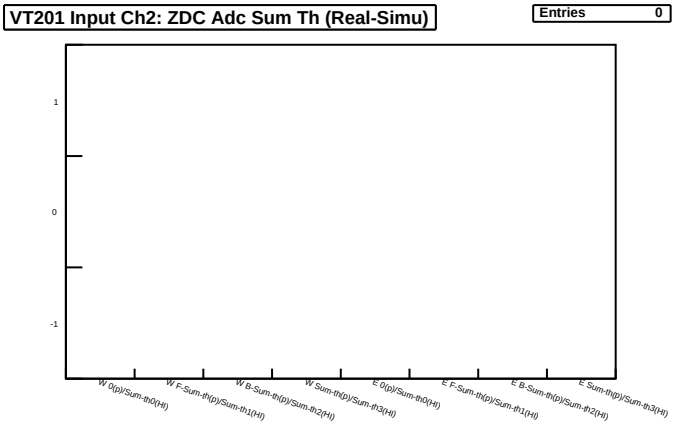

VT201 Input Ch1: EPD Hit Count Th
Entries 684048
337194
336547
4830
5477
East
West

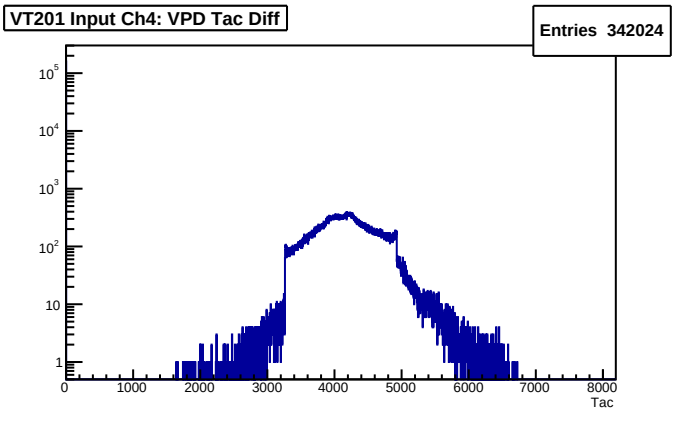

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

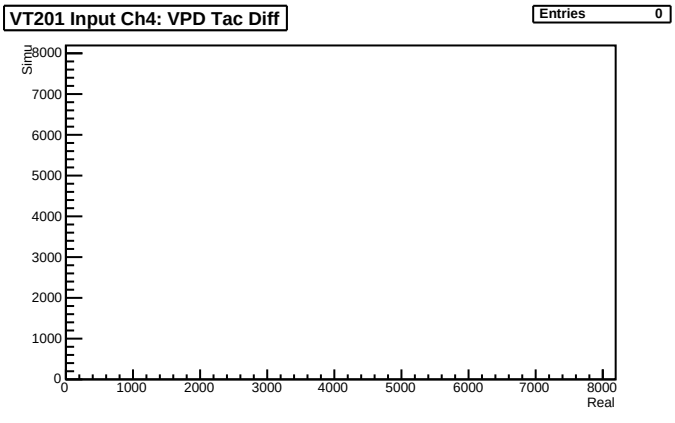

VT201 Input Ch2: ZDC Tac Diff
Entries 342024
Tac

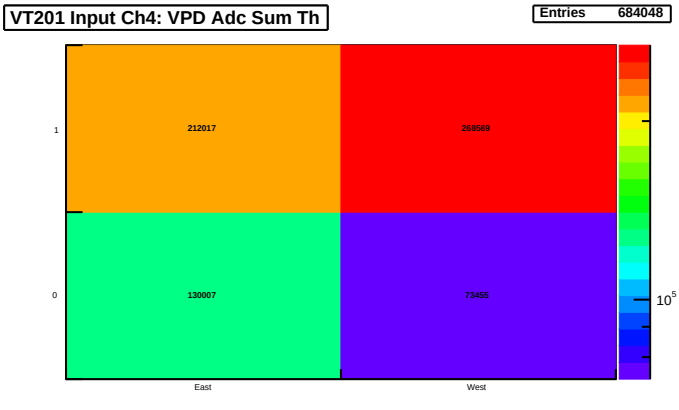

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

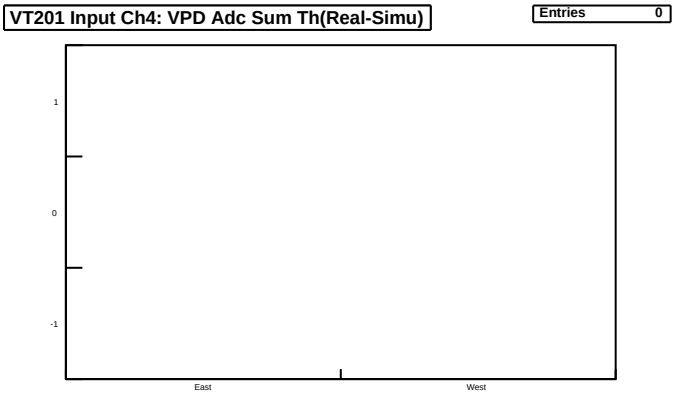

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2736192
9099
2349
11
9
8983
3693
67
57
332925
339675
342013
342015
333041
338331
341957
341967
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

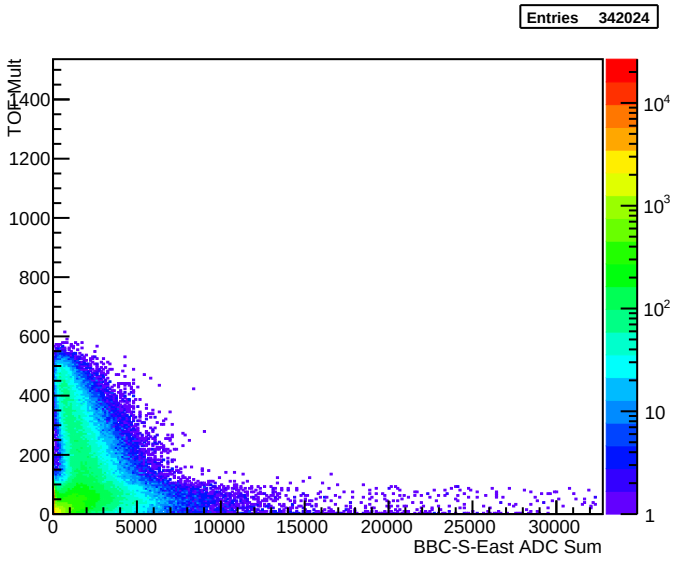

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

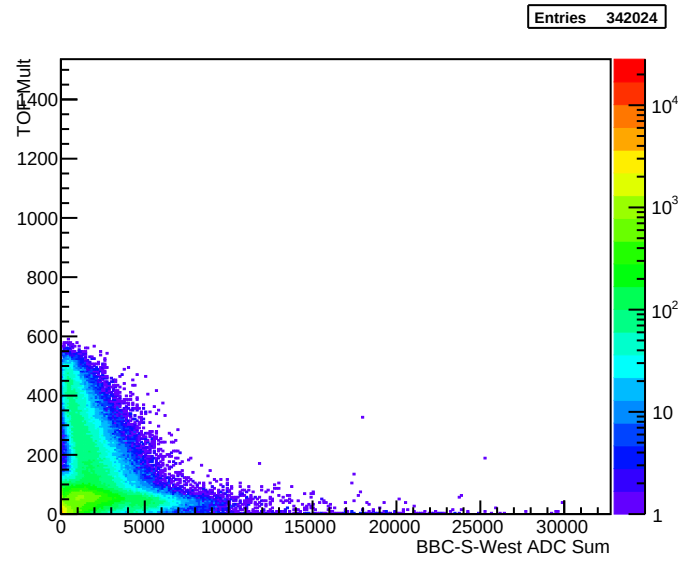

VT201 Input Ch4: VPD Tac Diff
Entries 342024
Tac

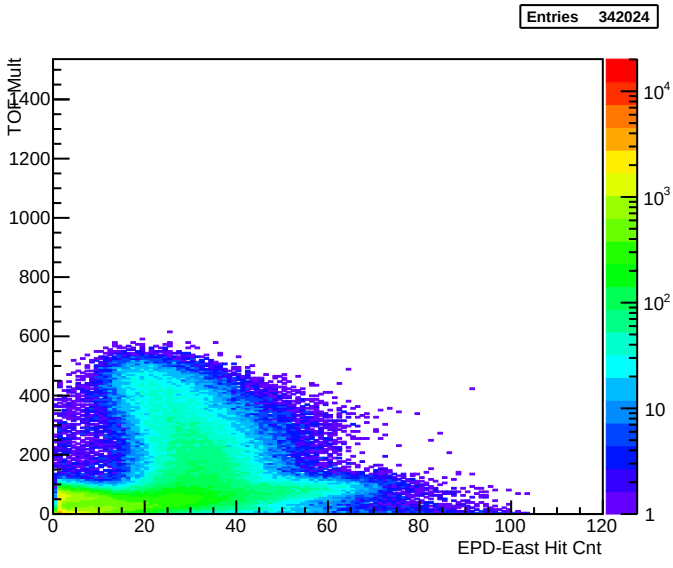

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

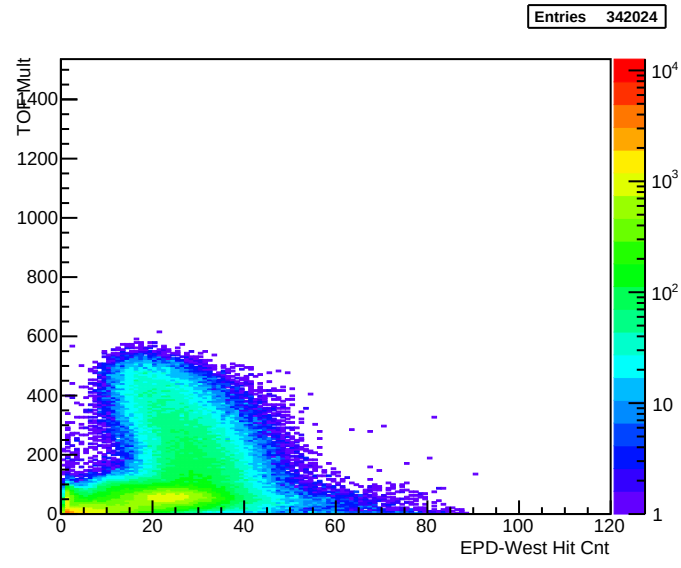

VT201 Input Ch4: VPD Adc Sum Th
Entries 684048
212017
268569
130007
73455
East
West

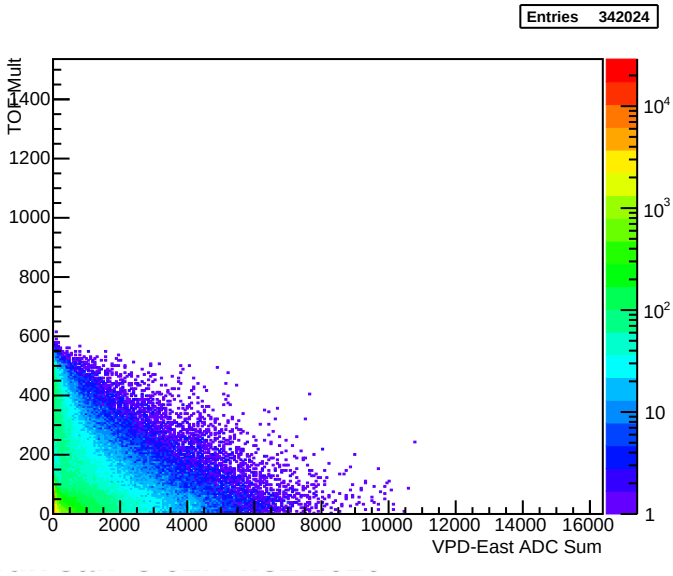

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

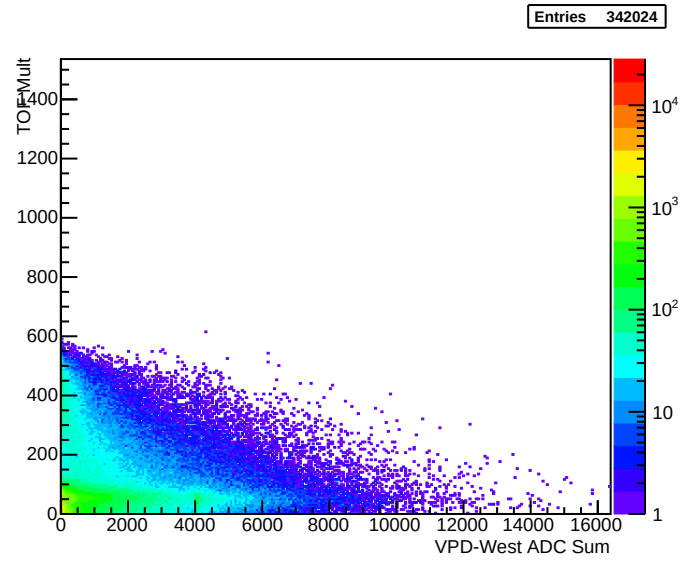

Entries 342024
TOF-Mult
BBC-S-East ADC Sum

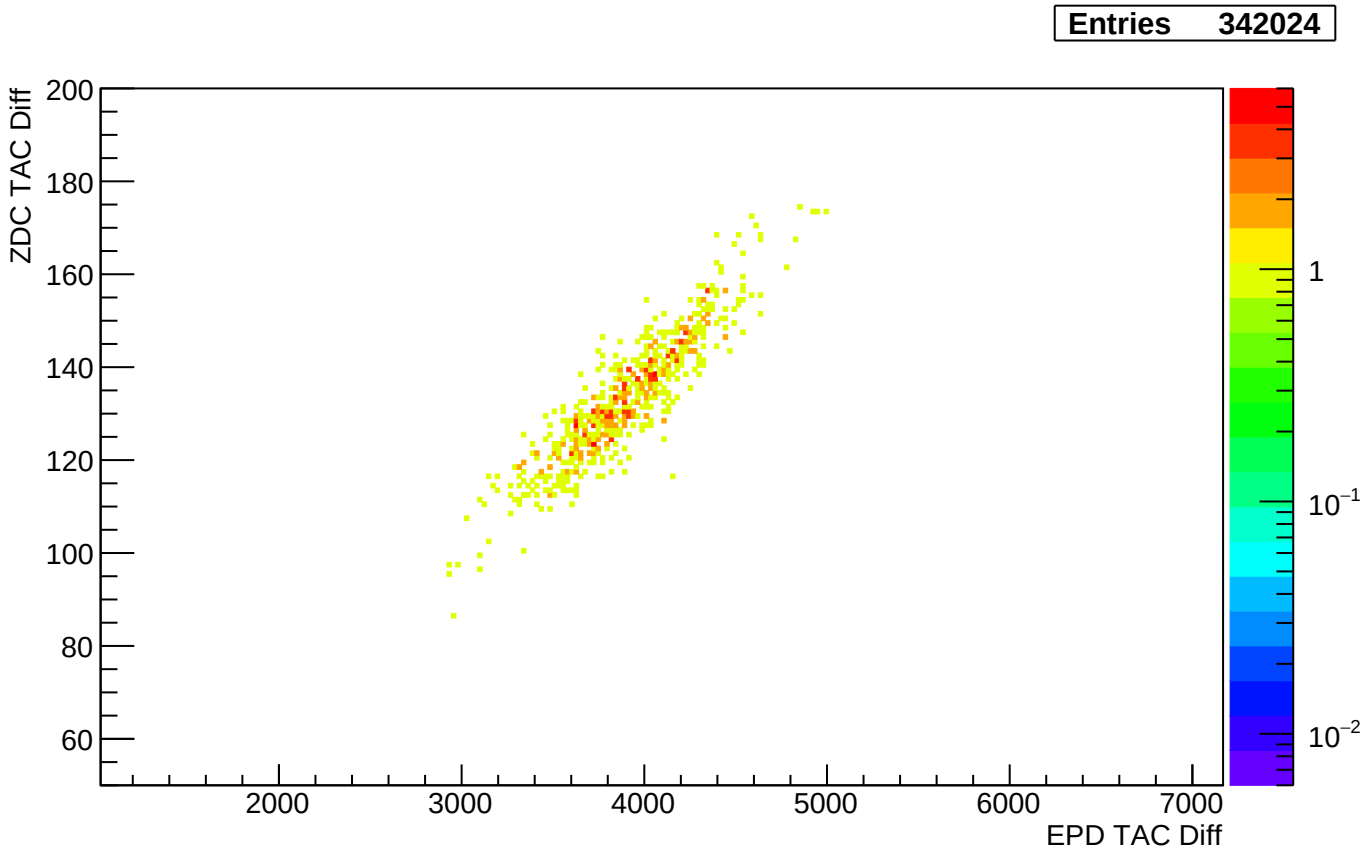

Entries 342024
TOF-Mult
BBC-S-West ADC Sum

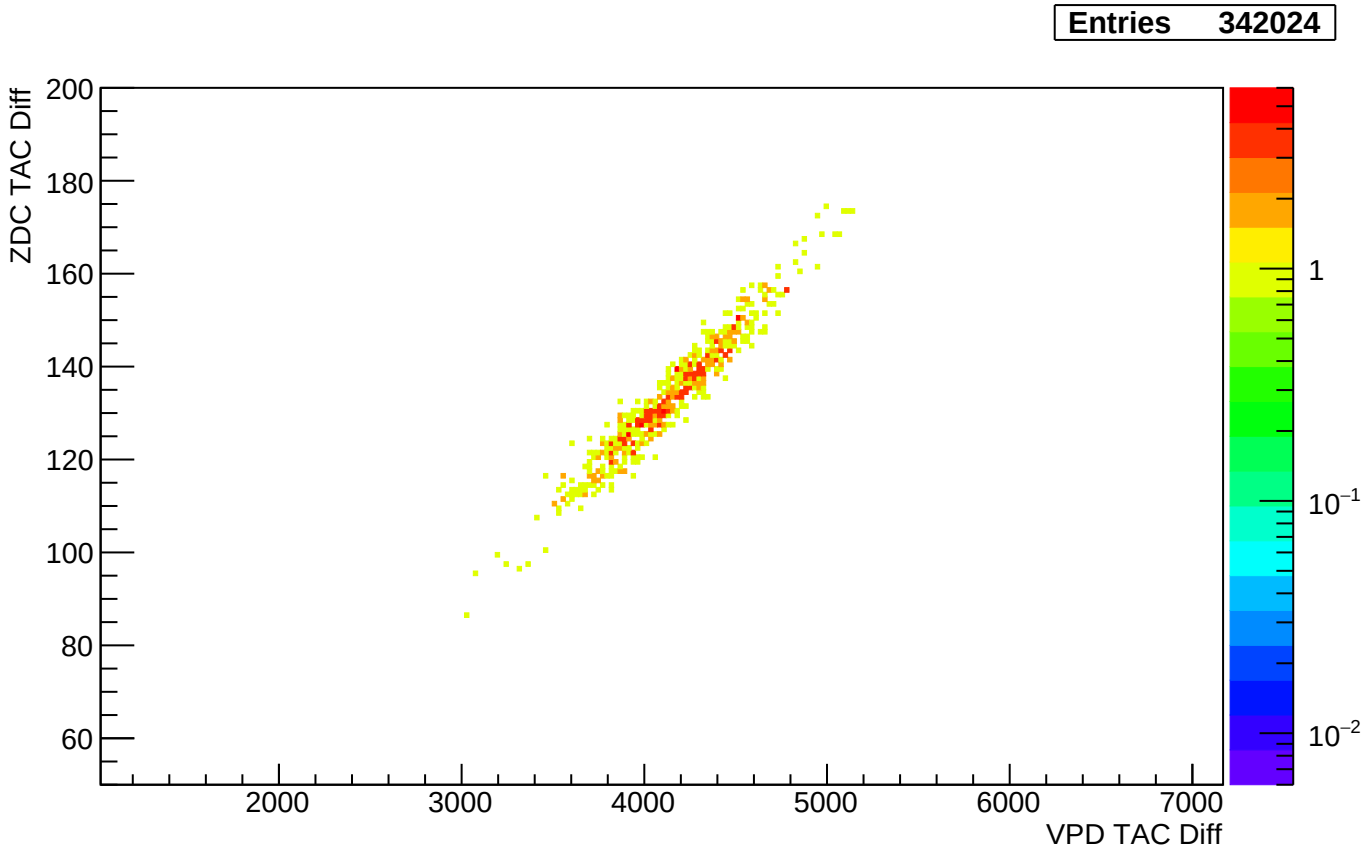

Entries 342024
TOF-Mult
EPD-East Hit Cnt

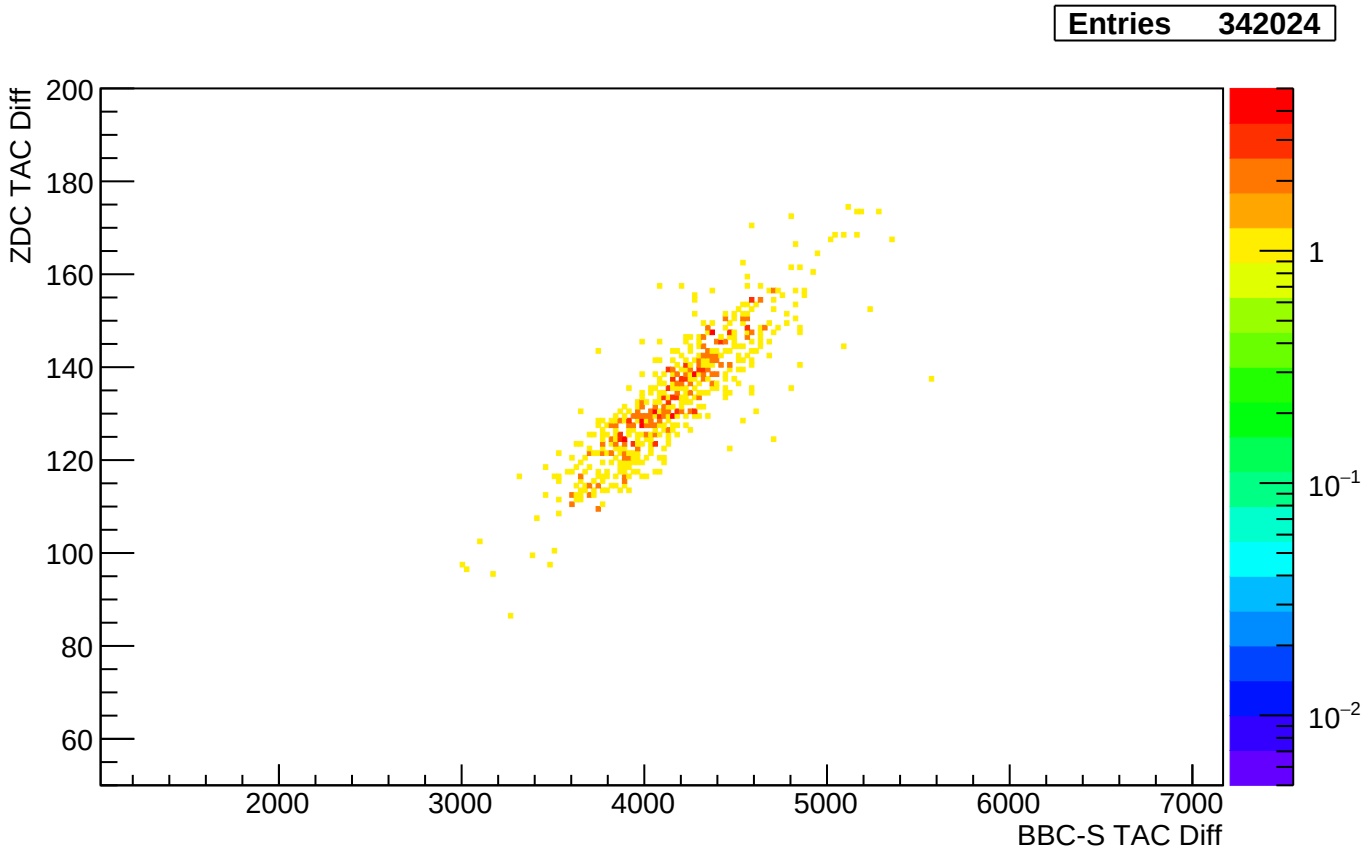

Entries 342024
TOF-Mult
EPD-West Hit Cnt

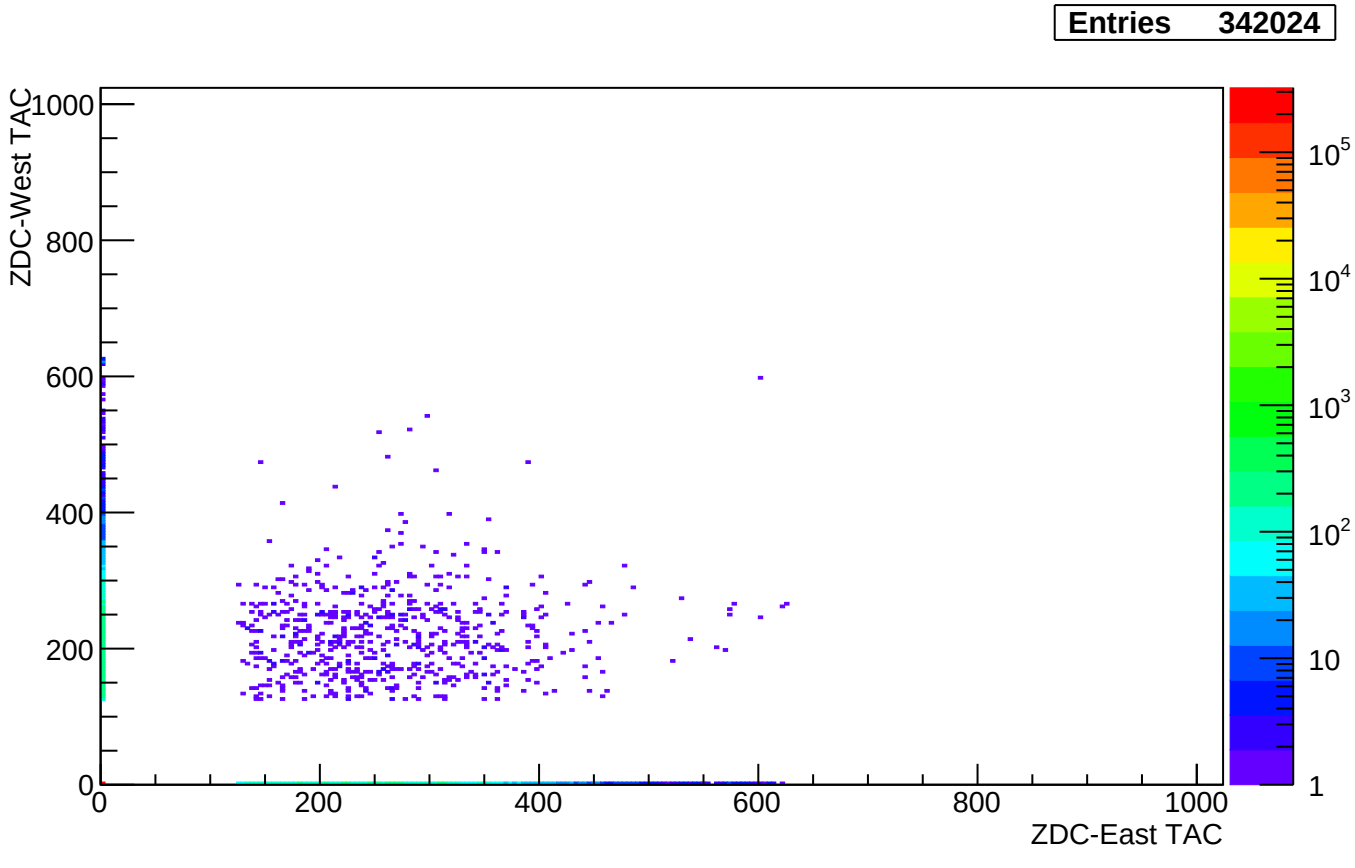

Entries 342024
TOF-Mult
VPD-East ADC Sum

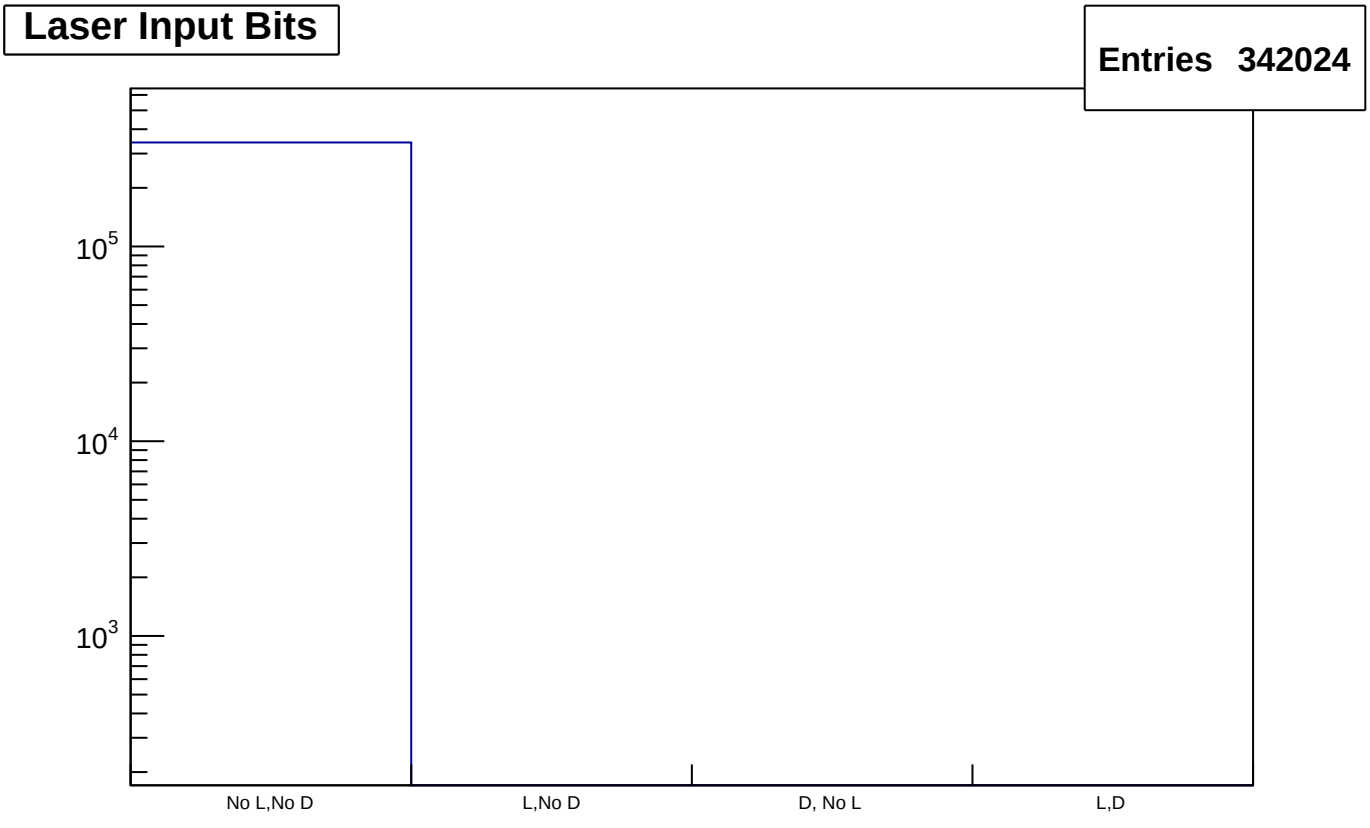

Entries 342024
TOF-Mult
VPD-West ADC Sum

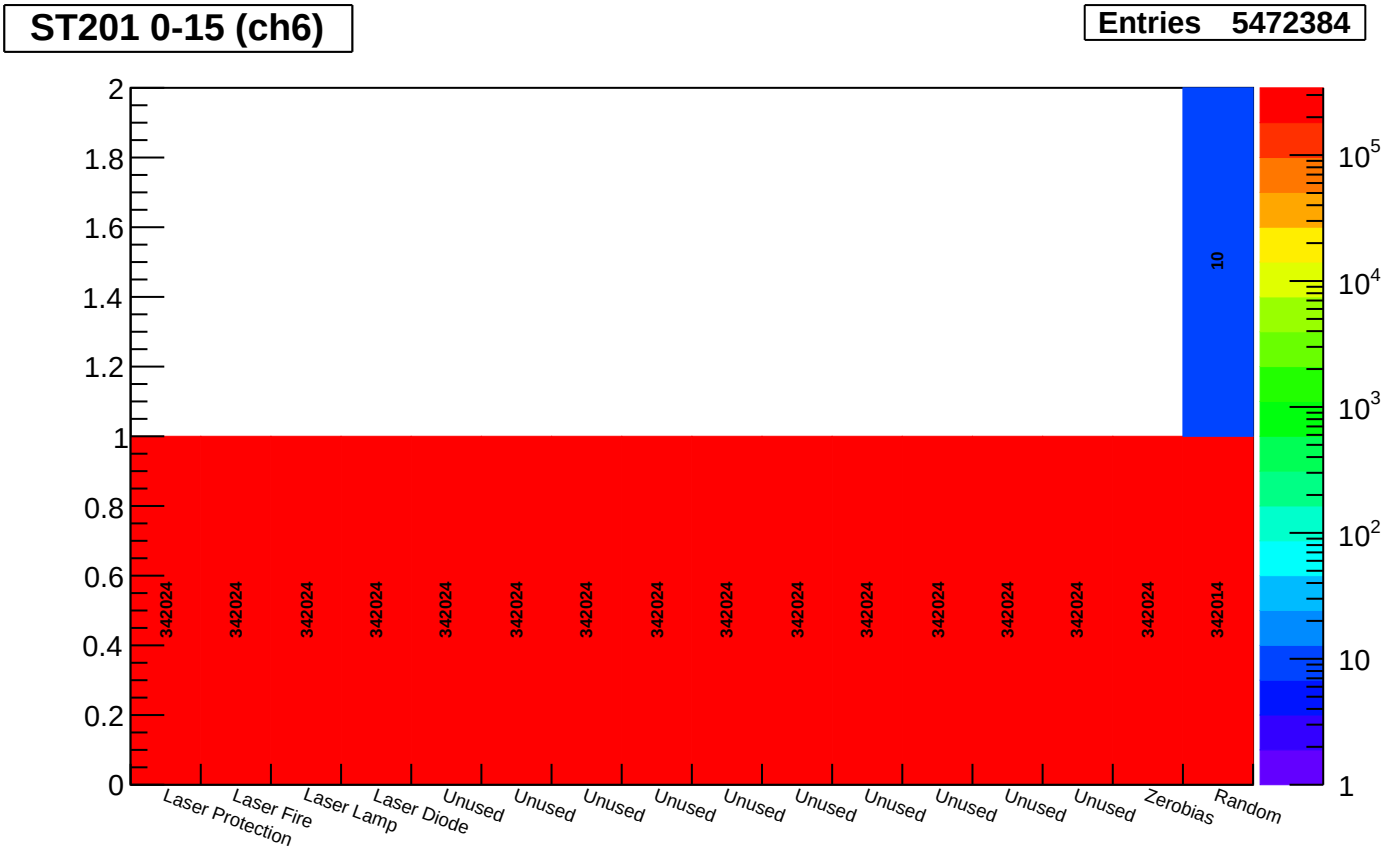

Entries 342024
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

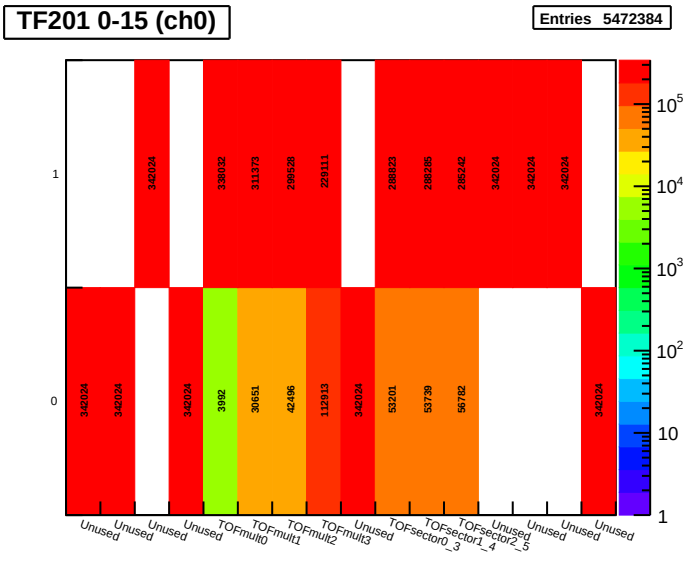

Entries 342024
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

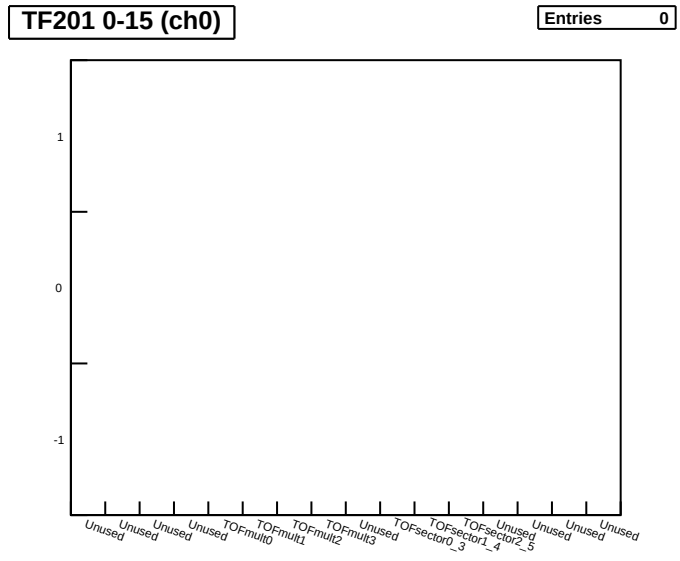

Entries 342024
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

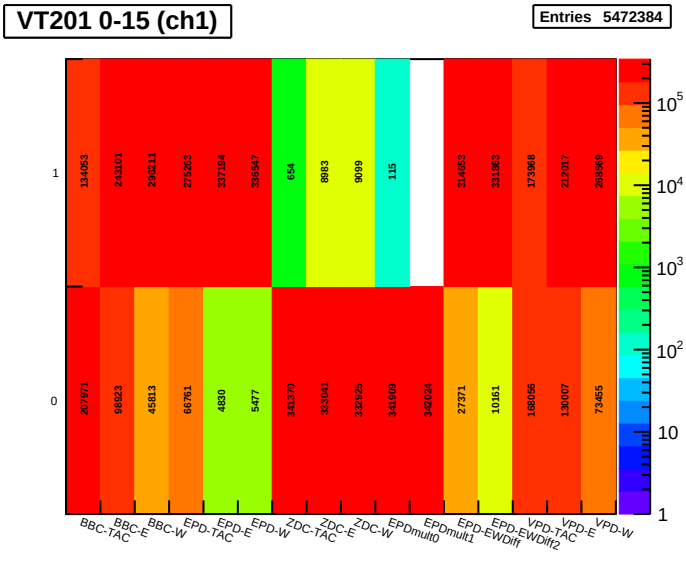

Entries 342024
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

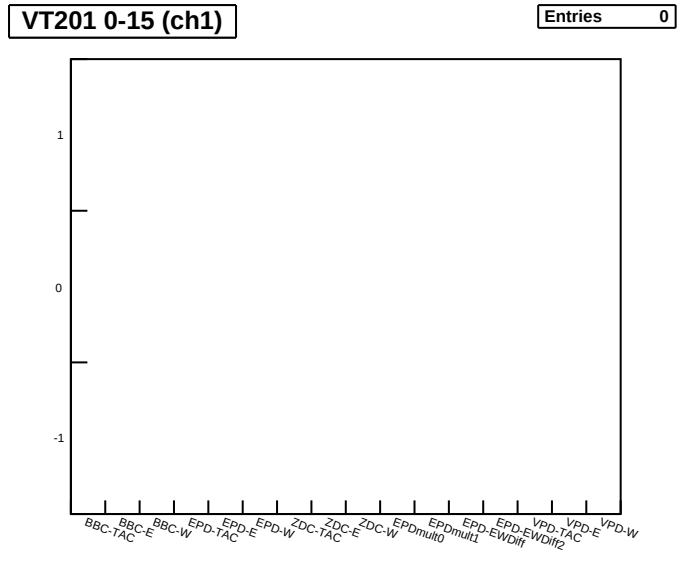

Laser Input Bits
Entries 342024
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

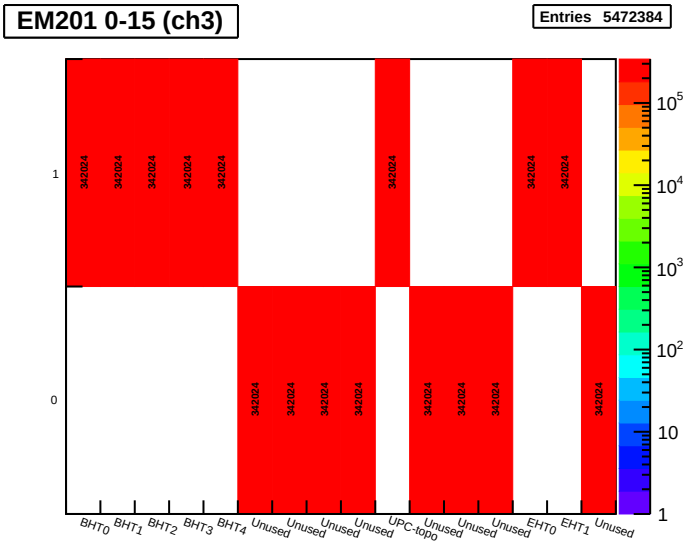

ST201 0-15 (ch6)
Entries 5472384
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
342024
342014
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

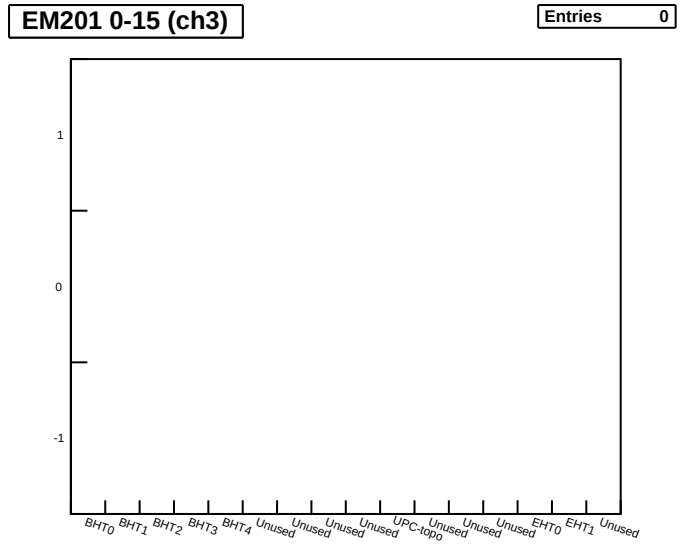

TF201 0-15 (ch0)
Entries 5472384
1
0
342024 342024 342024 3992 30651 42496 112913 342024 53201 53739 56782 342024
342024 338032 311373 289528 229111 288823 288285 285242 342024 342024 342024
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 5472384
1
0
207971 98923 45813 66761 4830 5477 341370 333041 332925 341909 342024 27371 10161 168056 130007 73455
134053 243101 296211 275863 337194 336547 654 8983 9099 115 314653 331863 173968 212017 268569
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


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


EM201 0-15 (ch3)
Entries 5472384
1
0
342024 342024 342024 342024 342024 342024 342024 342024 342024 342024 342024 342024 342024 342024 342024 342024
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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