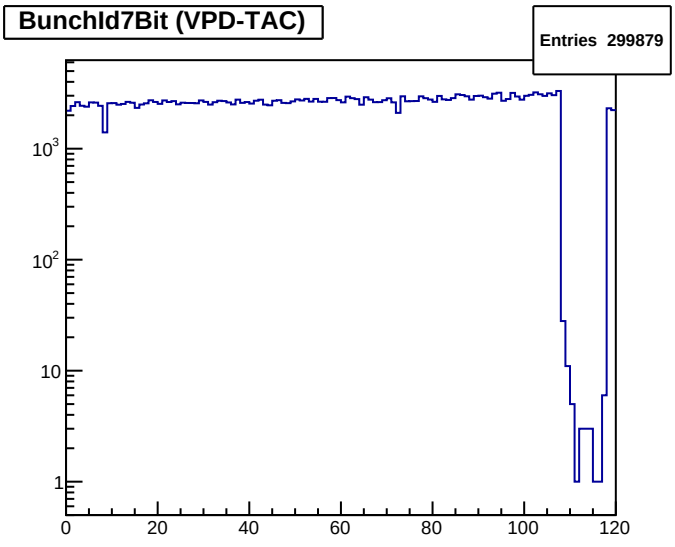
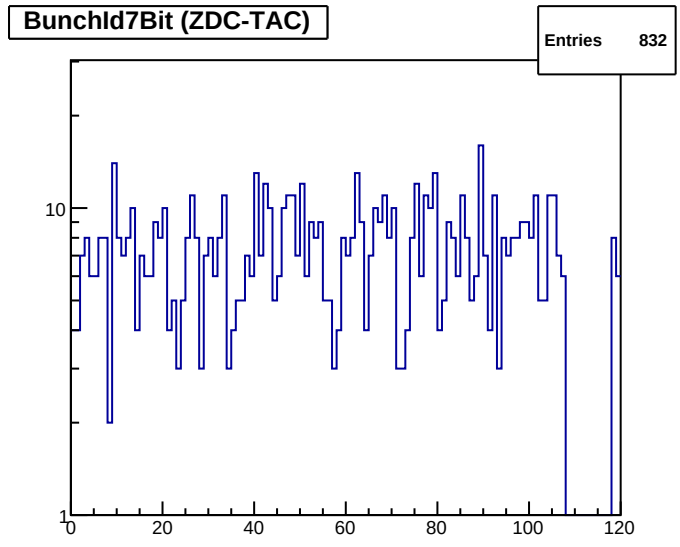
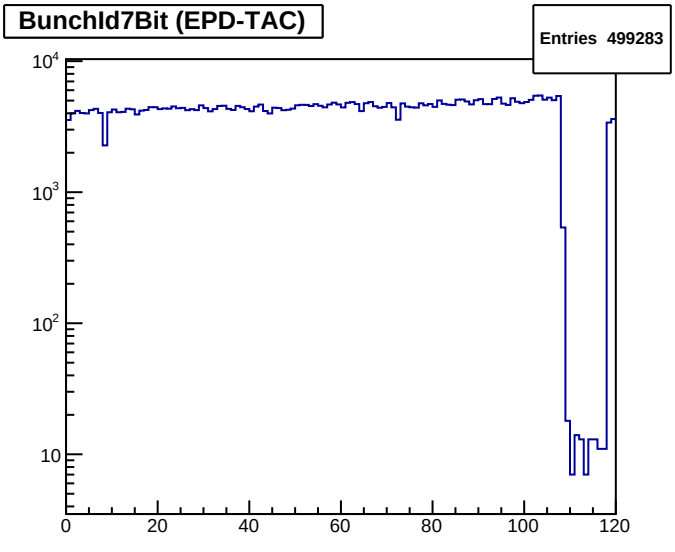
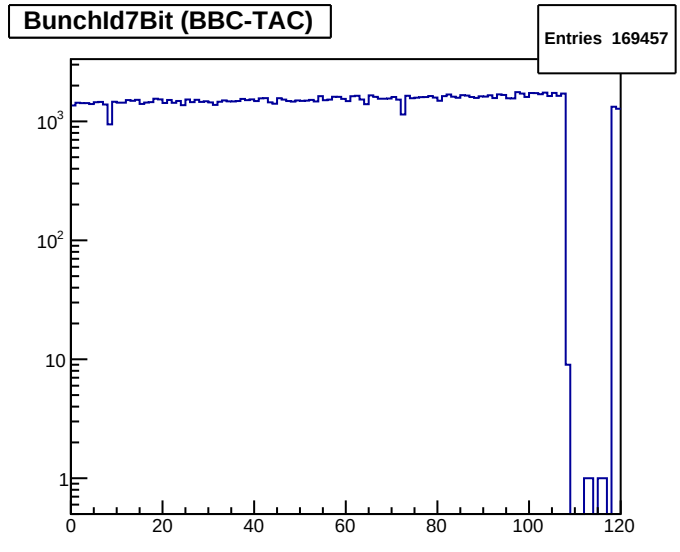
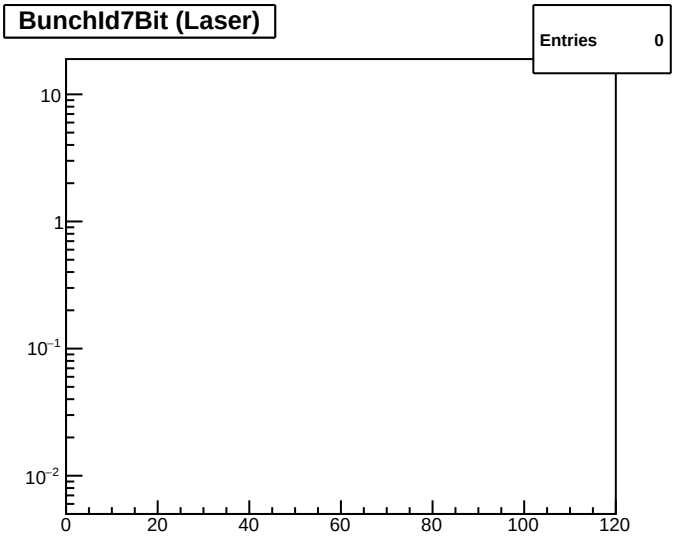
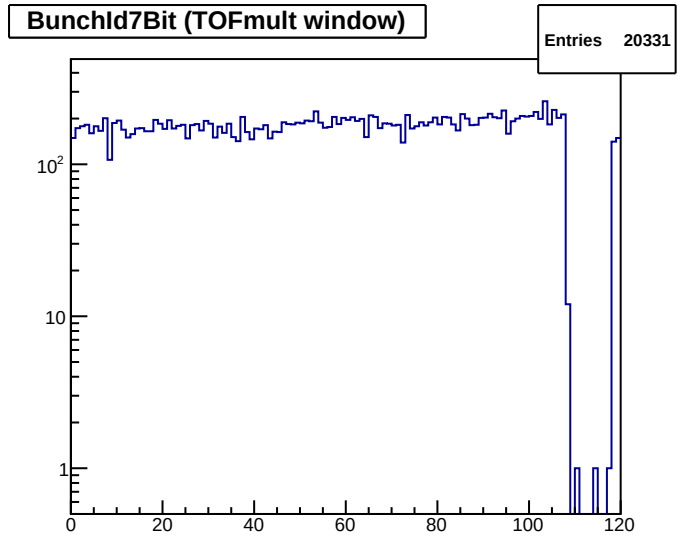

BunchId7Bit (VPD-TAC)
Entries 299879

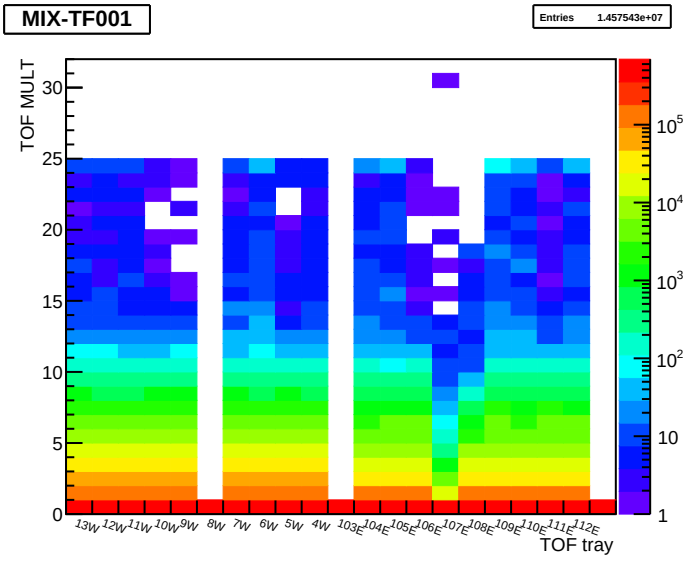

BunchId7Bit (ZDC-TAC)
Entries 832

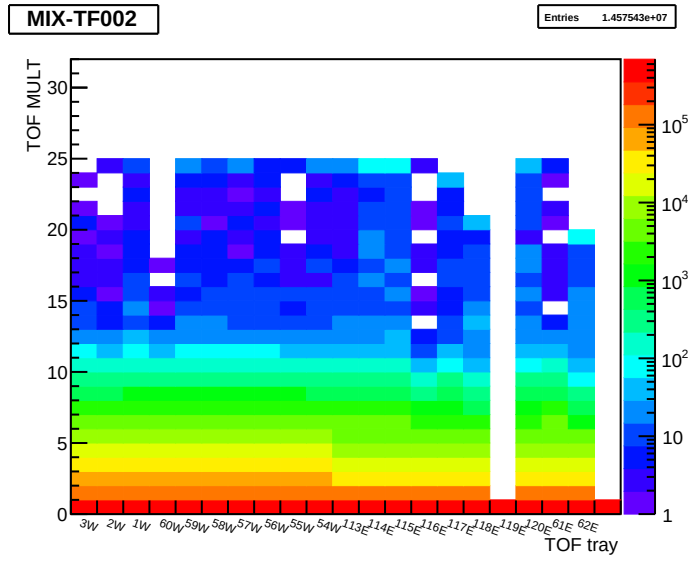

BunchId7Bit (EPD-TAC)
Entries 499283

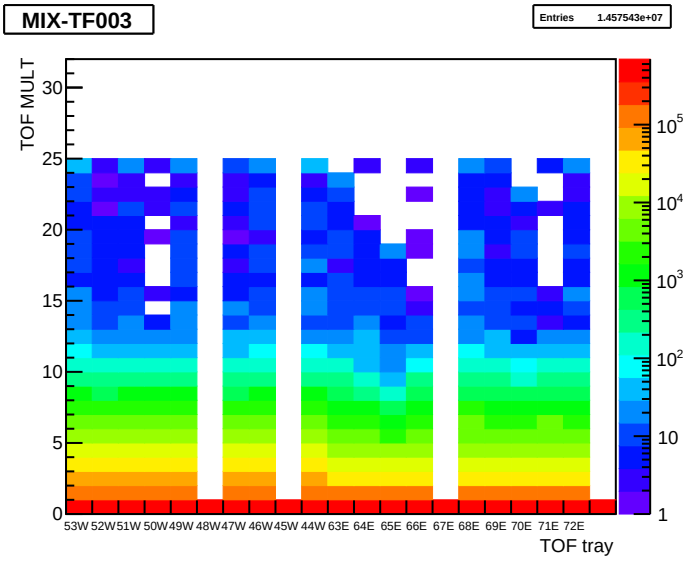

BunchId7Bit (BBC-TAC)
Entries 169457

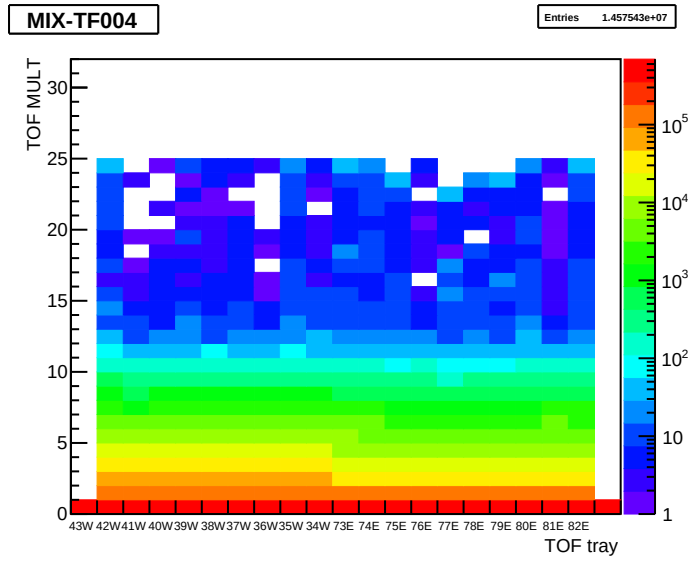

BunchId7Bit (Laser)
Entries 0

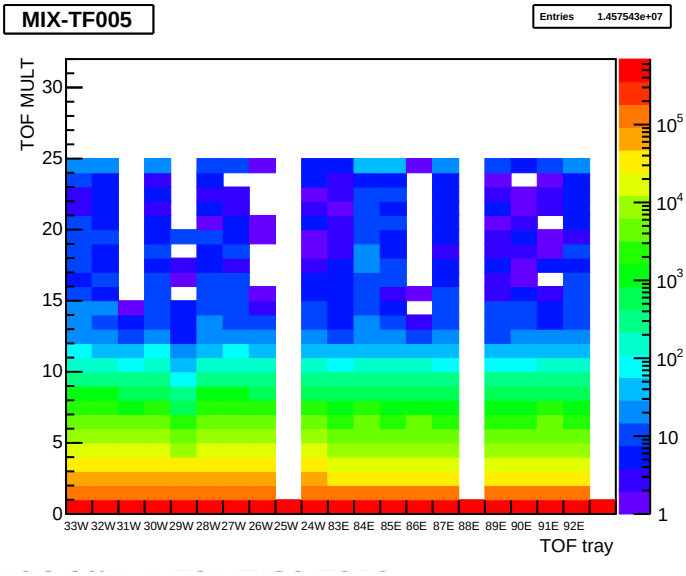

BunchId7Bit (TOFmult window)
Entries 20331

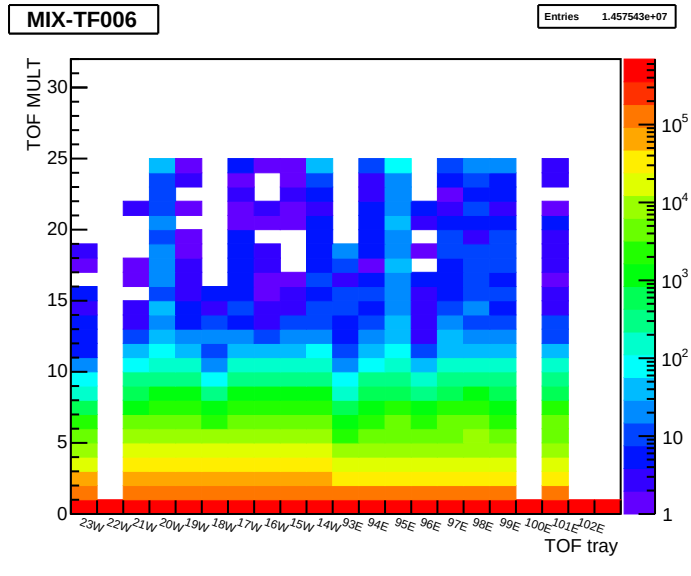

MIX-TF001
Entries 1.457543e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

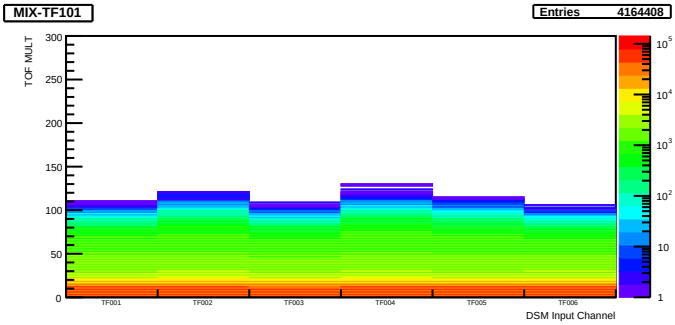

MIX-TF002
Entries 1.457543e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

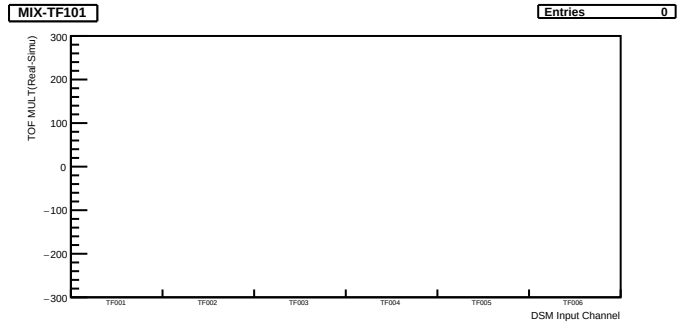

MIX-TF003
Entries 1.457543e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

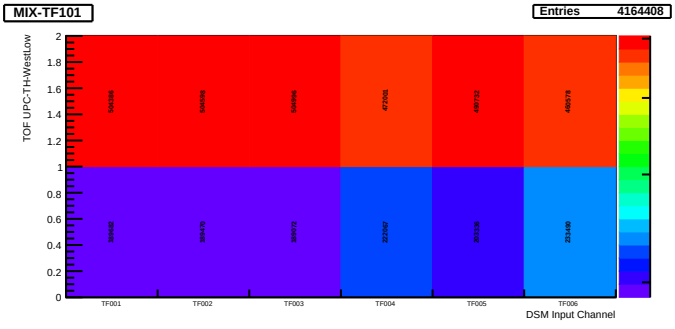

MIX-TF004
Entries 1.457543e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

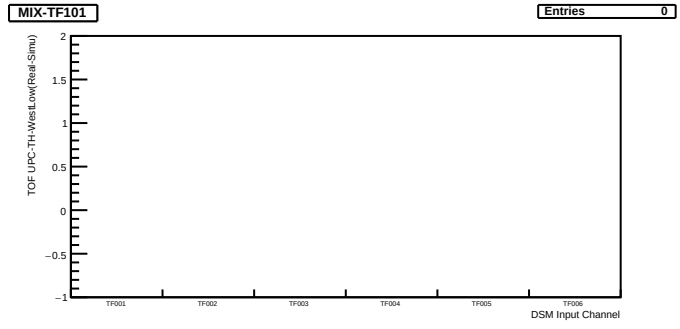

MIX-TF005
Entries 1.457543e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

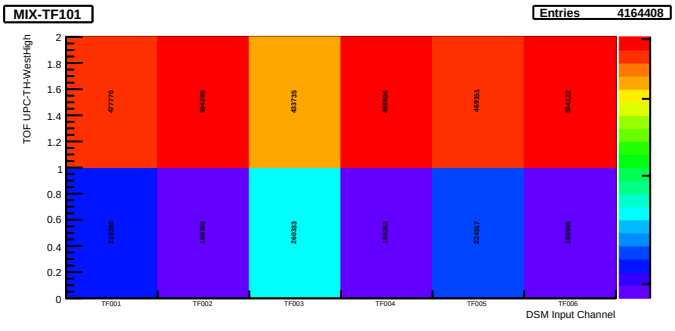

MIX-TF006
Entries 1.457543e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

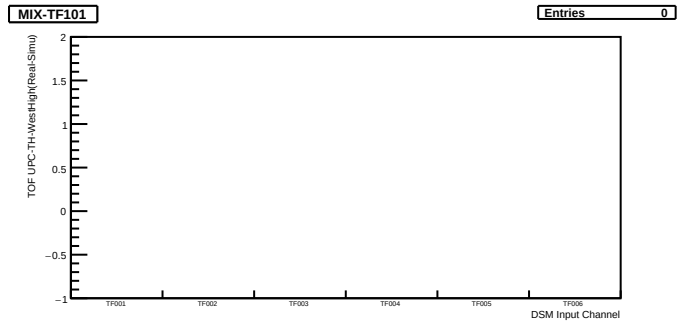

MIX-TF101
Entries 4164408
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

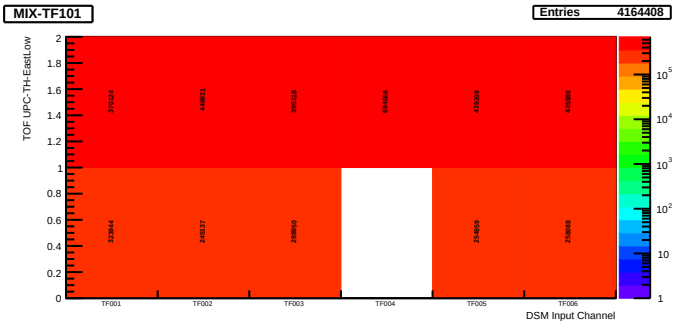

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

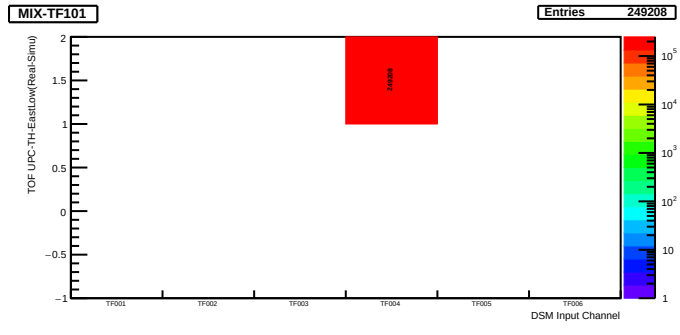

MIX-TF101
Entries 4164408
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

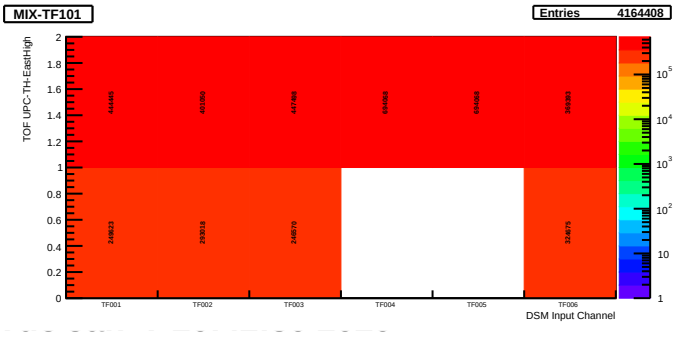

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

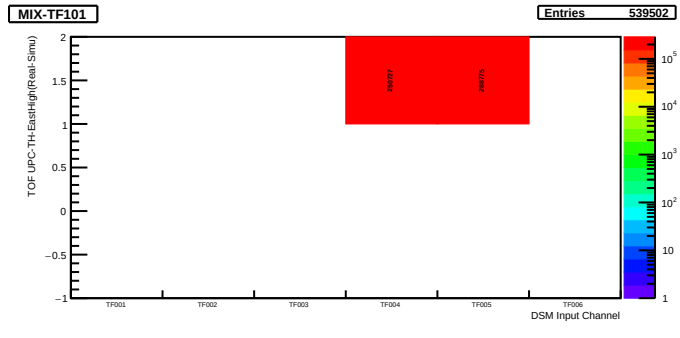

MIX-TF101
Entries 4164408
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

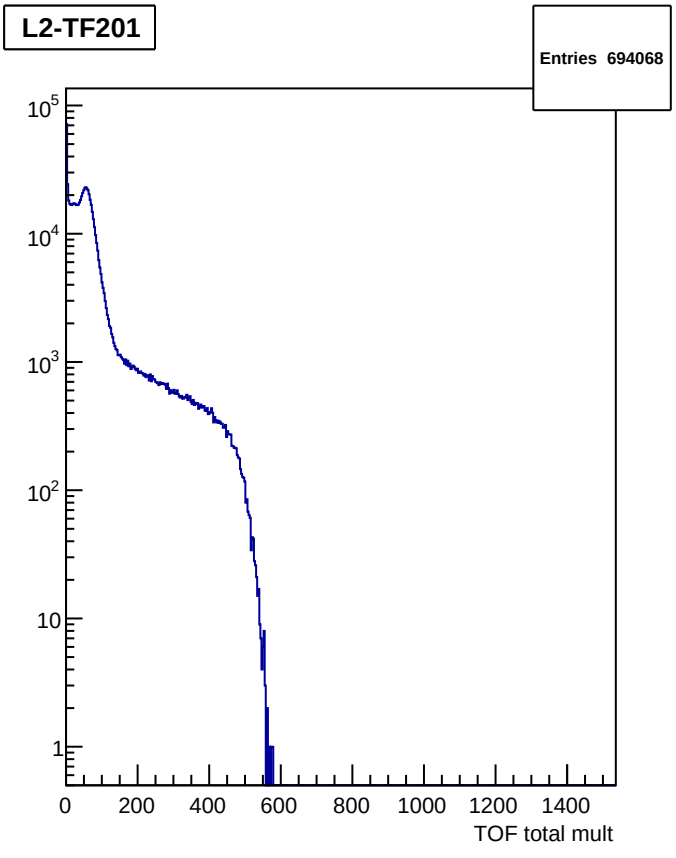

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

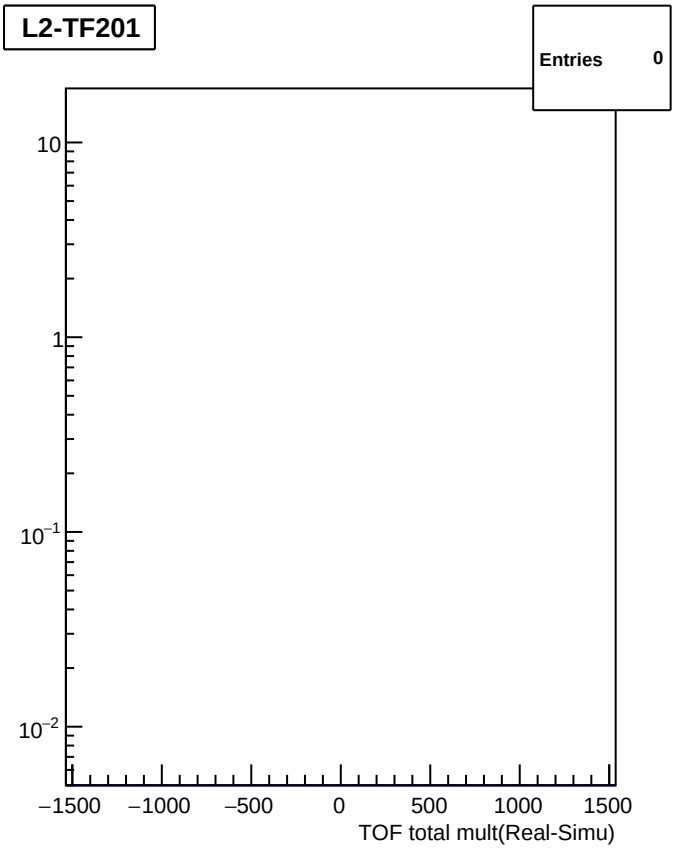

MIX-TF101
Entries 4164408
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

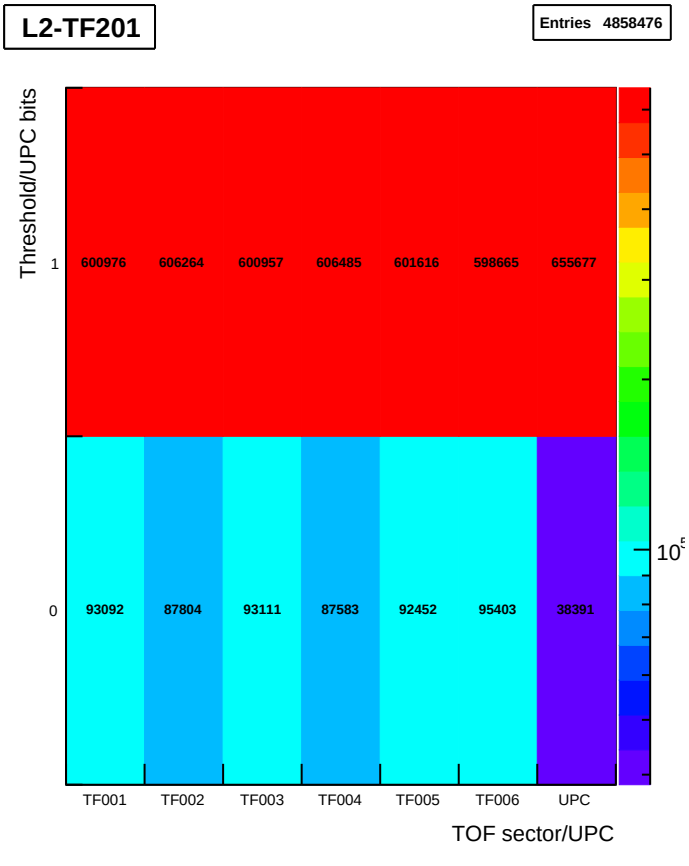

MIX-TF101
Entries 249208
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

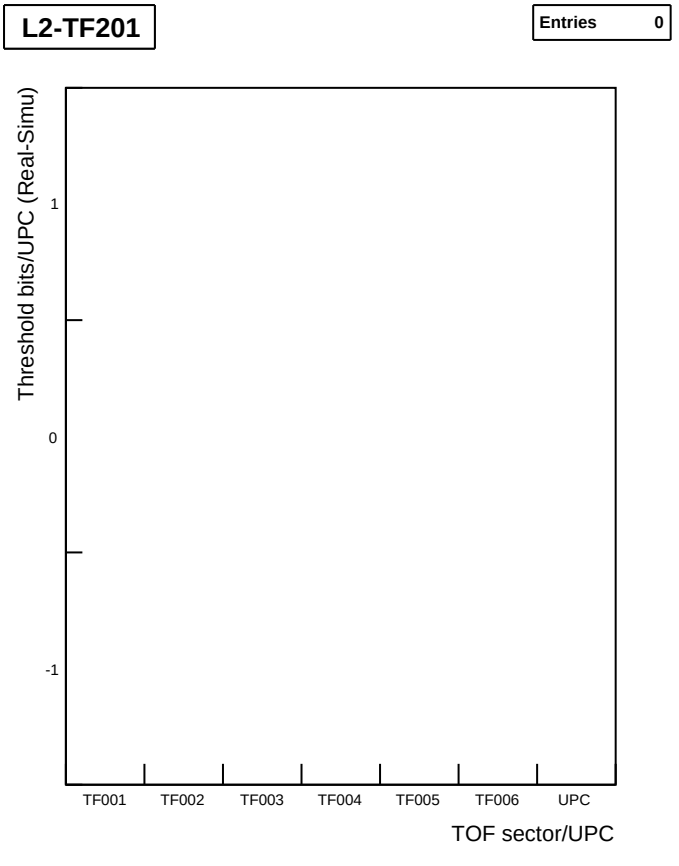

MIX-TF101
Entries 4164408
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

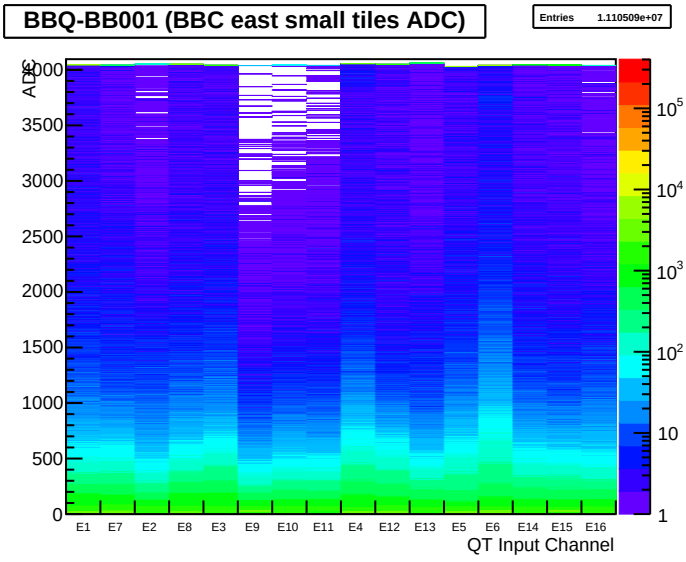

MIX-TF101
Entries 539502
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

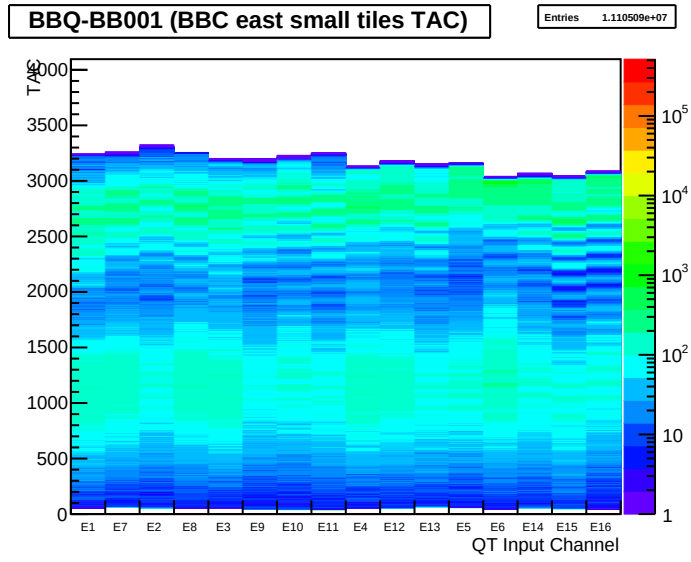

L2-TF201
Entries 694068
TOF total mult

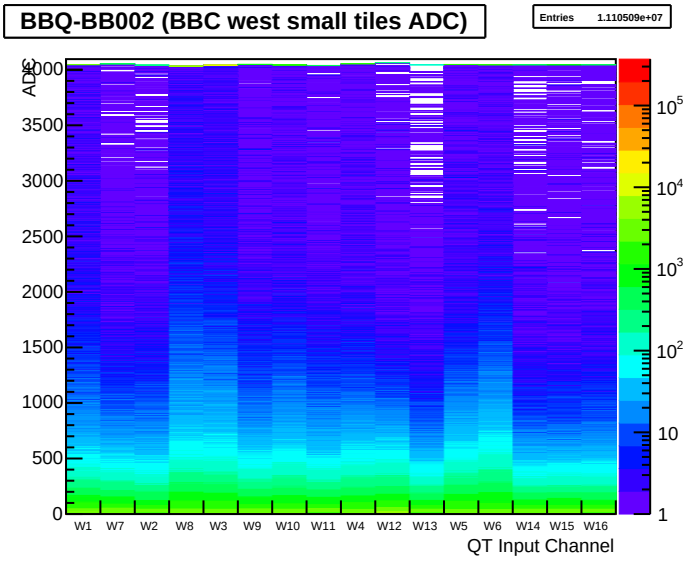

L2-TF201
Entries 0
TOF total mult(Real-Simu)

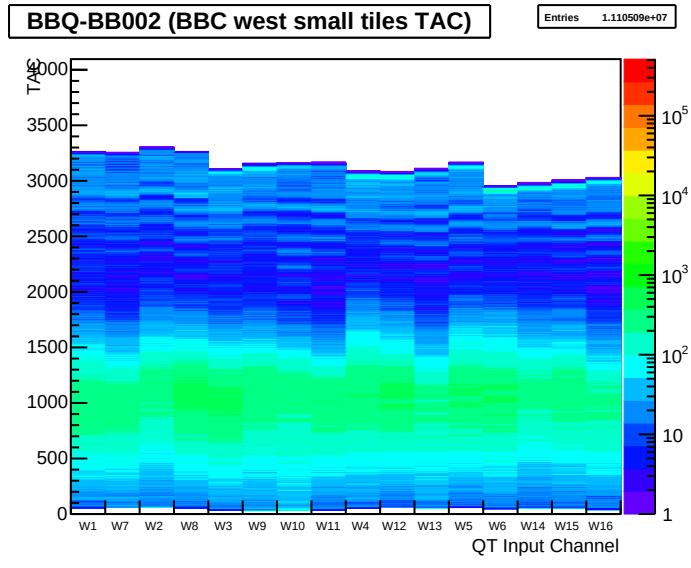

L2-TF201
Entries 4858476
Threshold/UPC bits
600976
606264
600957
606485
601616
598665
655677
93092
87804
93111
87583
92452
95403
38391
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

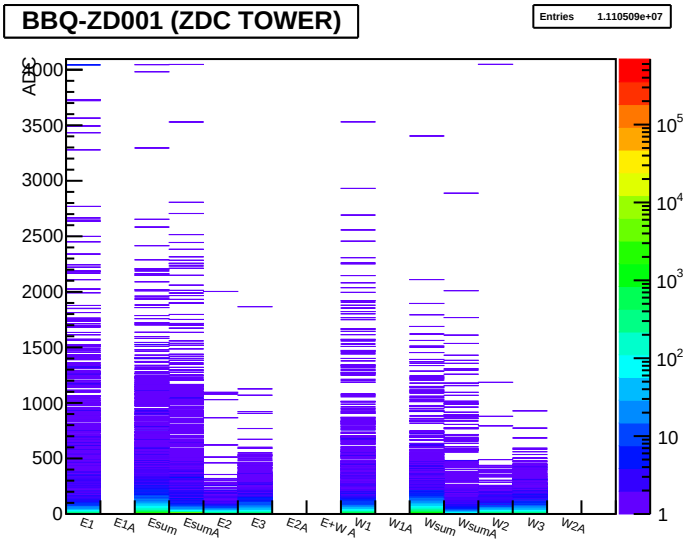

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

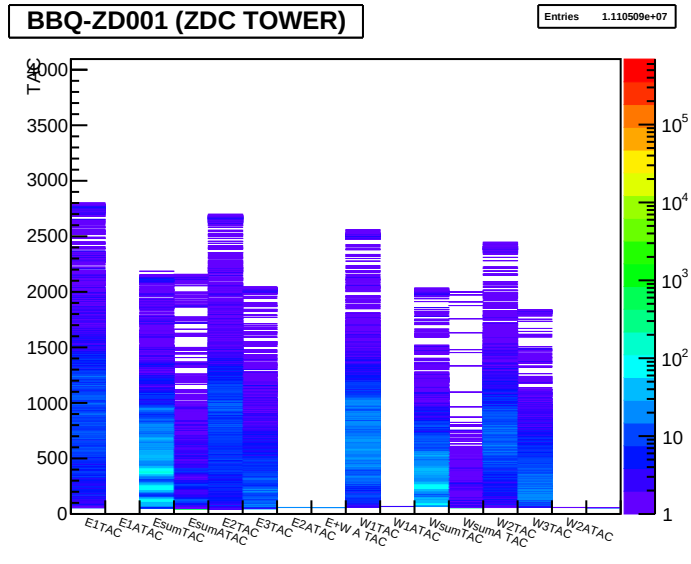

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.110509e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

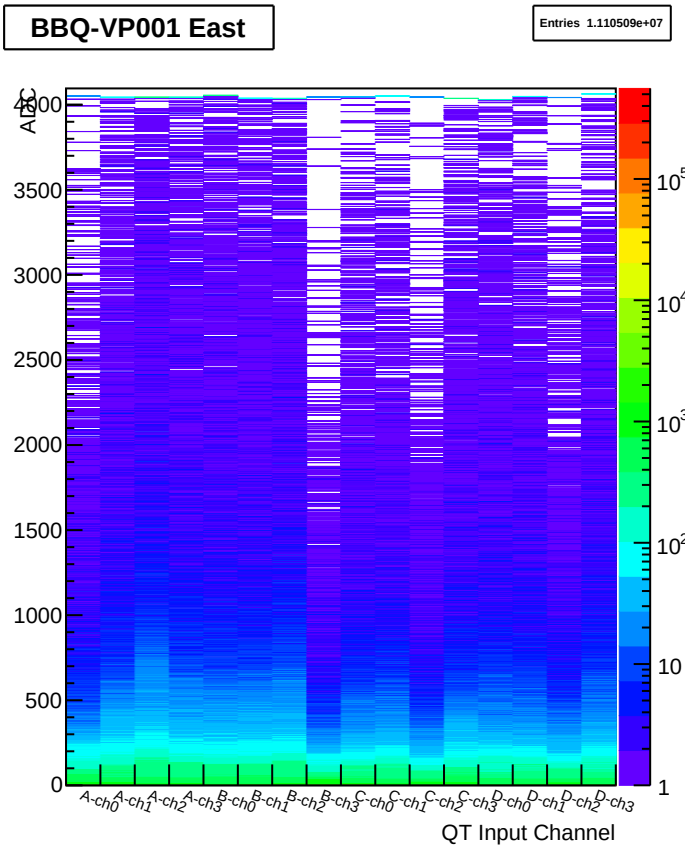

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.110509e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

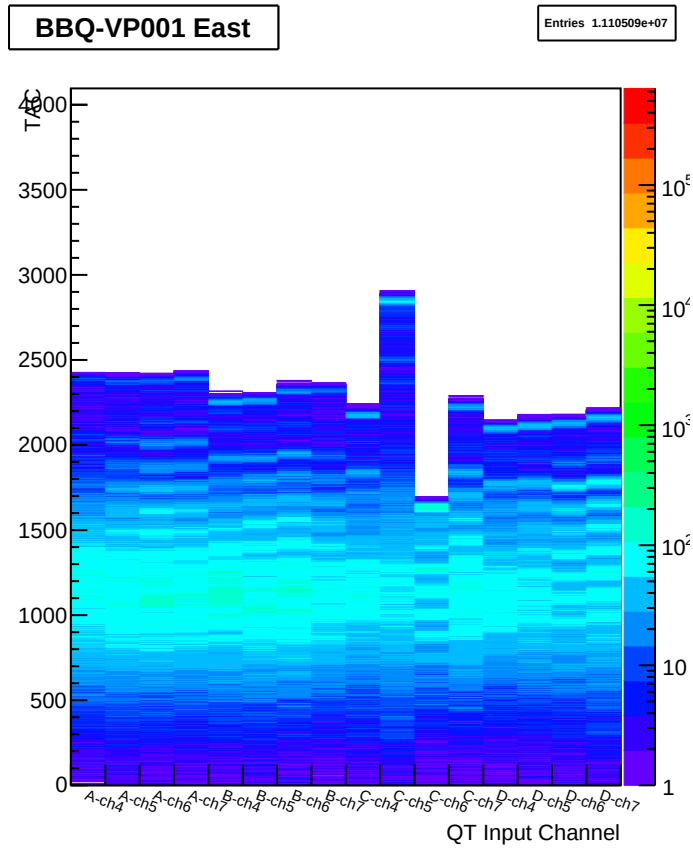

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.110509e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

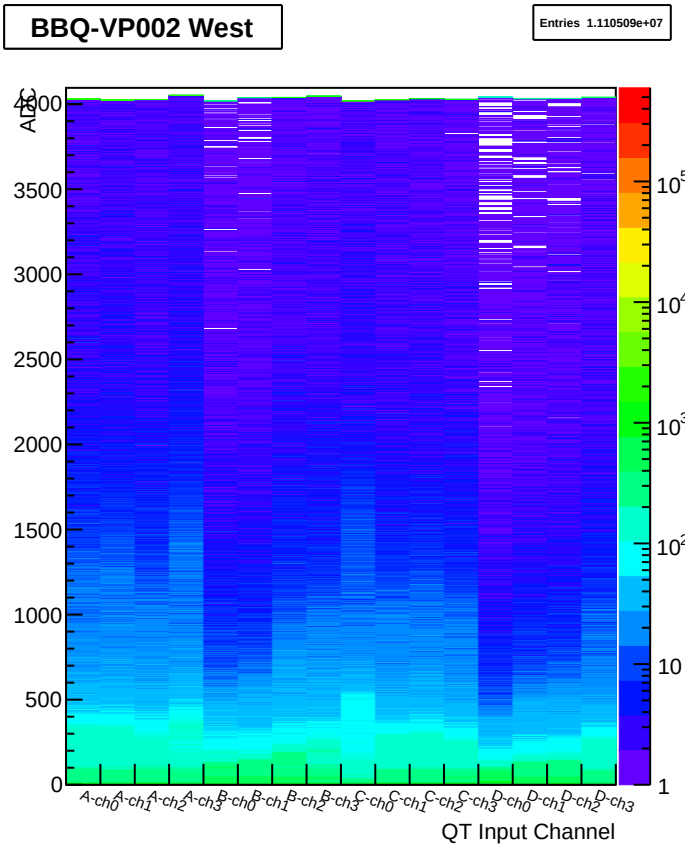

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.110509e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

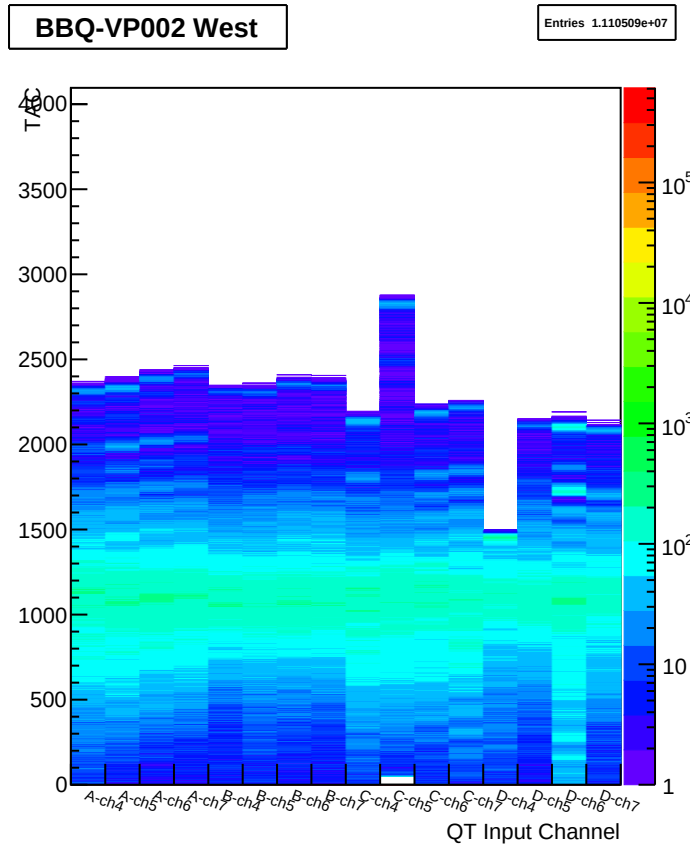

BBQ-ZD001 (ZDC TOWER)
Entries 1.110509e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

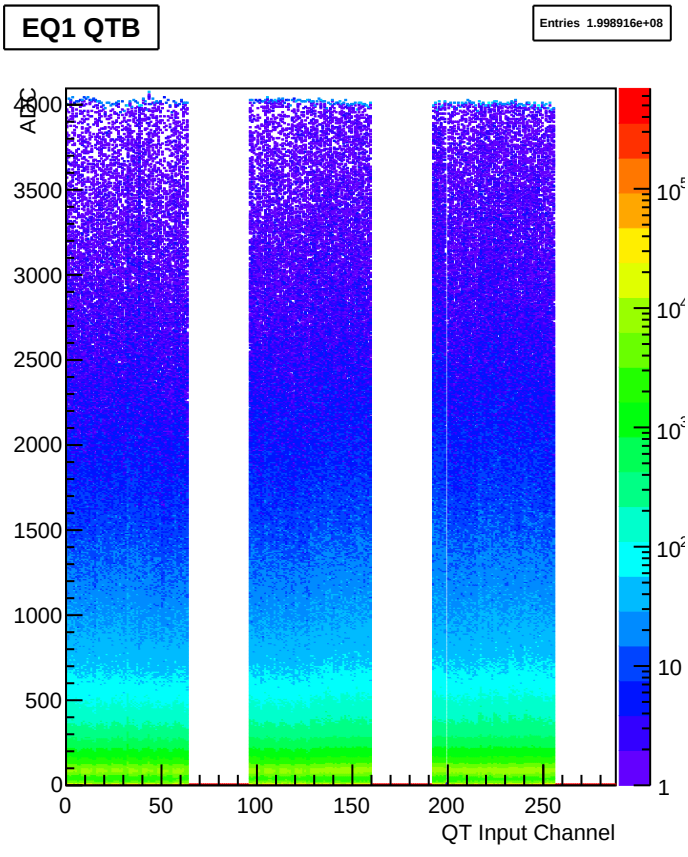

BBQ-ZD001 (ZDC TOWER)
Entries 1.110509e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

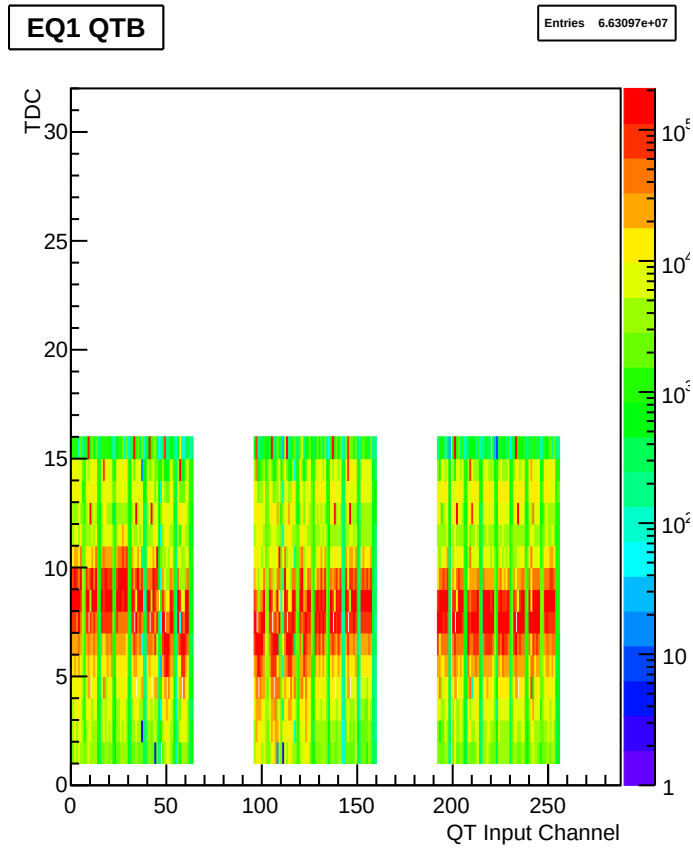

BBQ-VP001 East
Entries 1.110509e+07
ADC
QT Input Channel

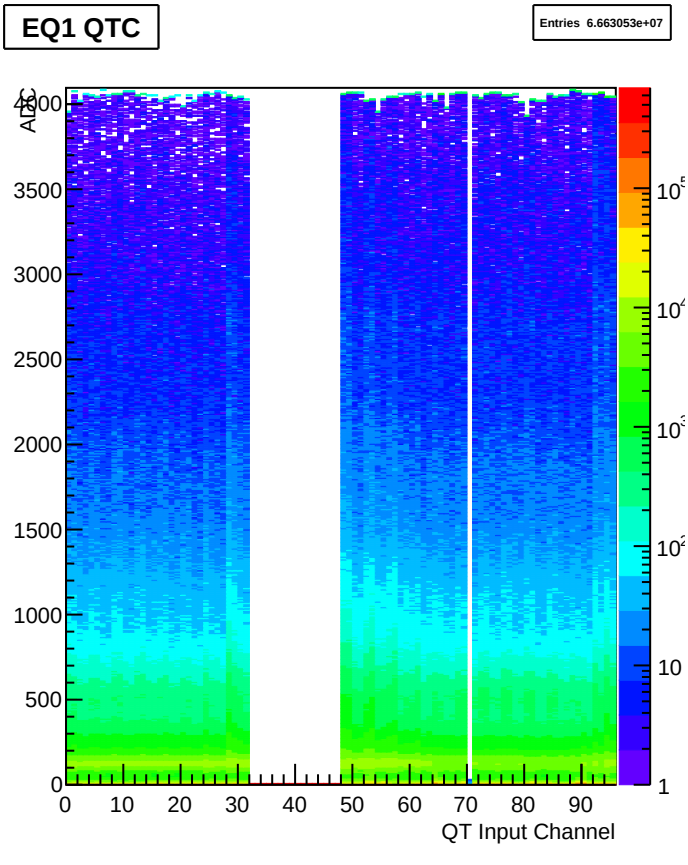

BBQ-VP001 East
Entries 1.110509e+07
TADC
QT Input Channel

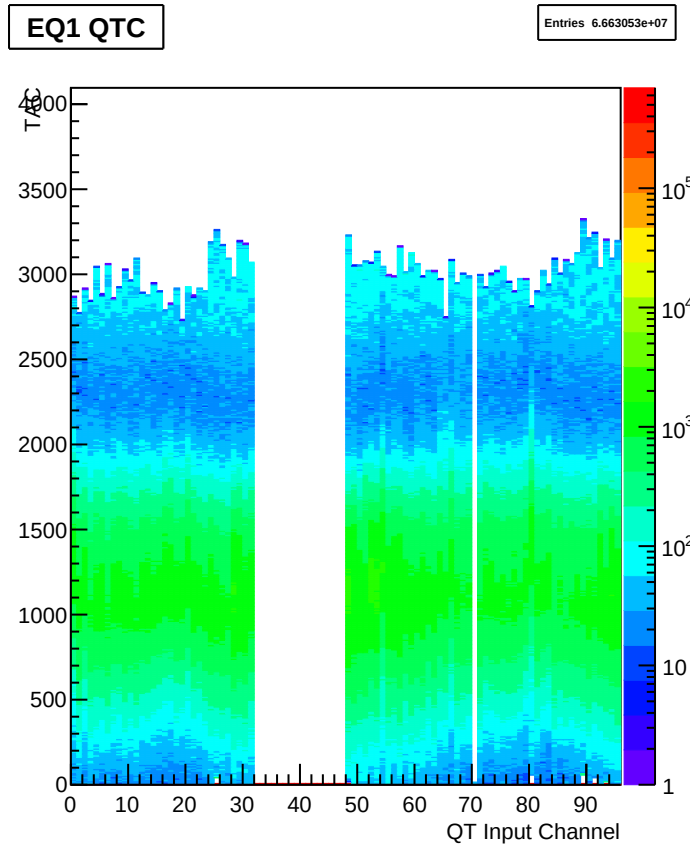

BBQ-VP002 West
Entries 1.110509e+07
ADC
QT Input Channel

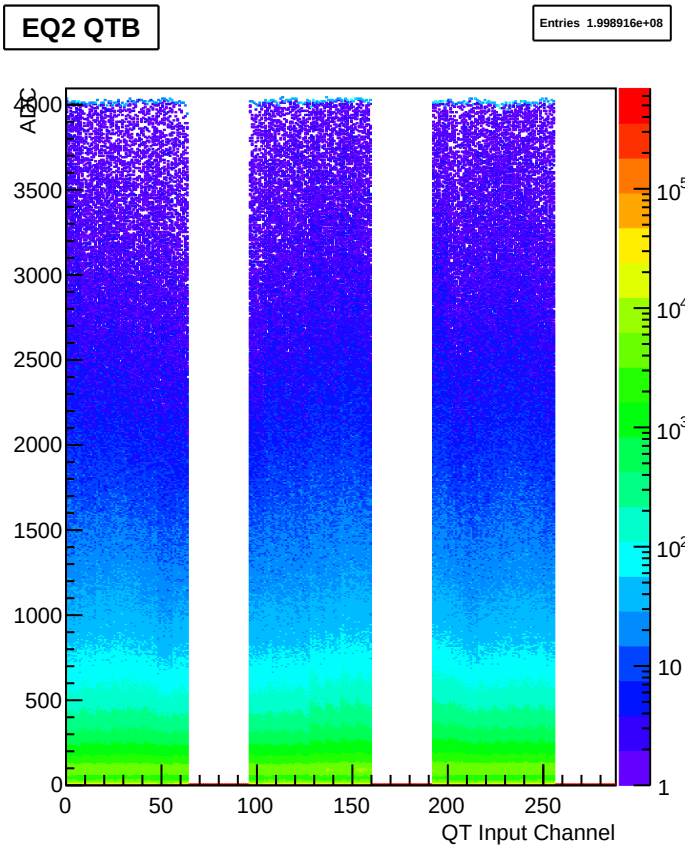

BBQ-VP002 West
Entries 1.110509e+07
TADC
QT Input Channel

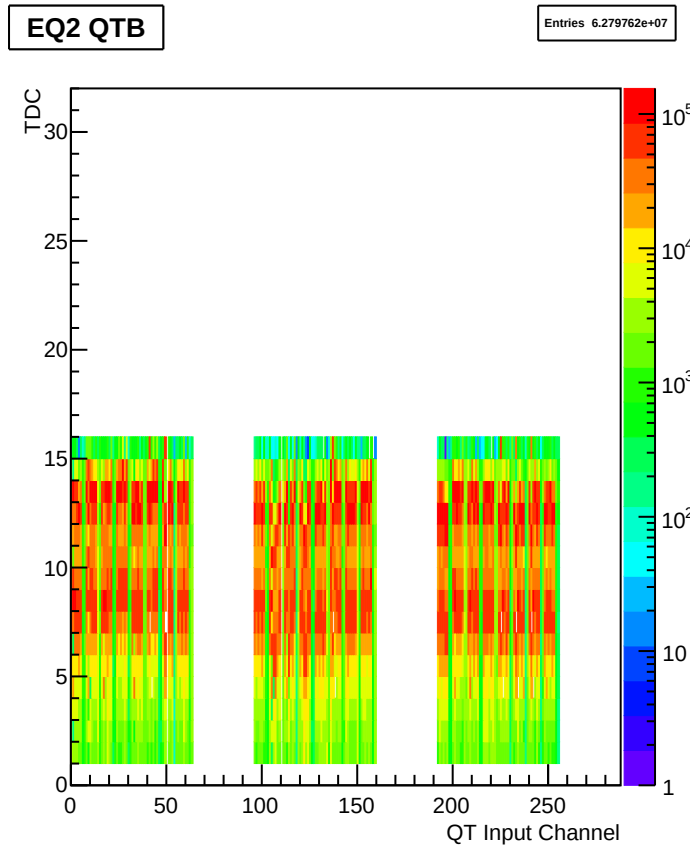

EQ1 QTB
Entries 1.998916e+08
ADC
QT Input Channel

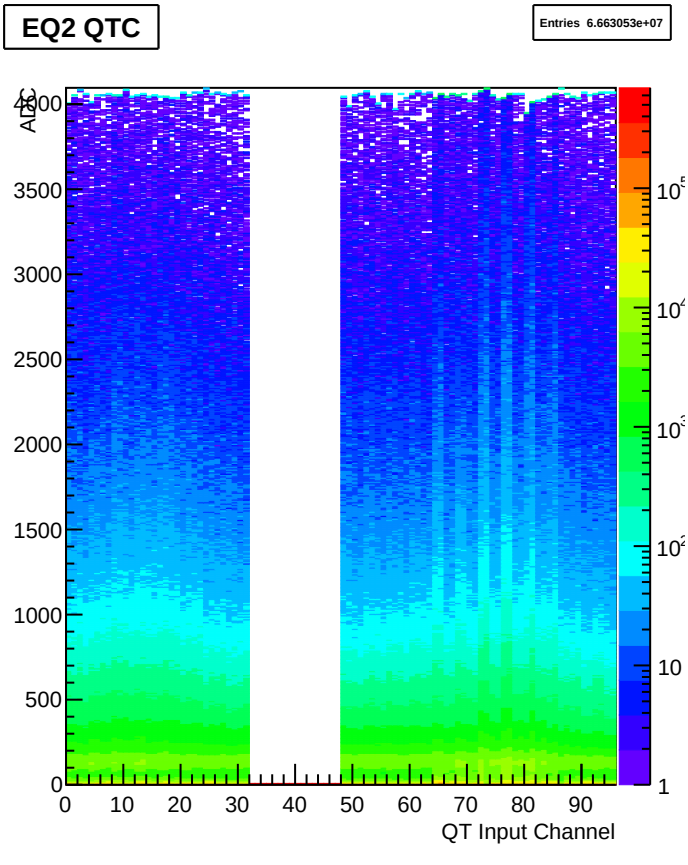

EQ1 QTB
Entries 6.63097e+07
TDC
QT Input Channel

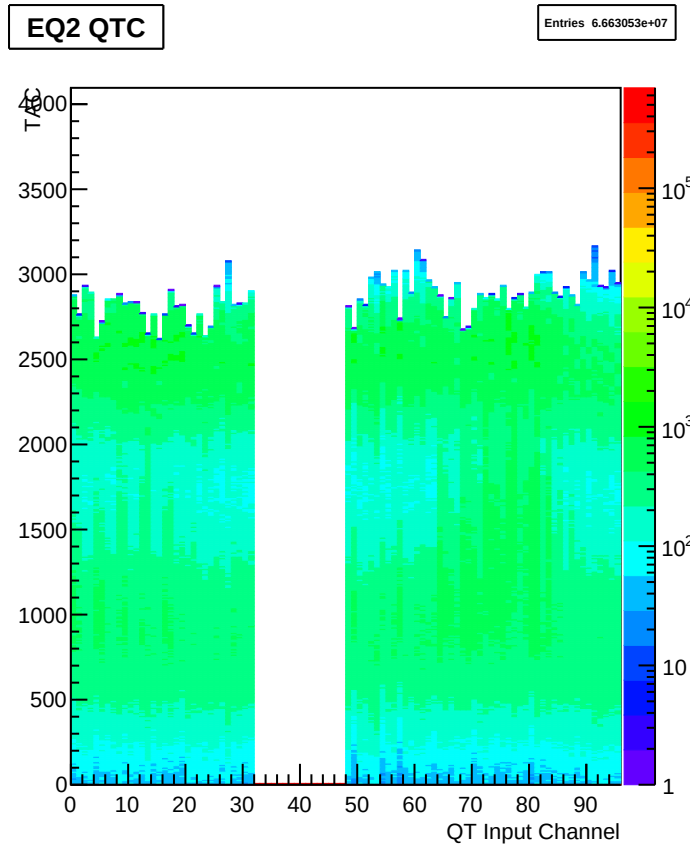

EQ1 QTC
Entries 6.663053e+07
ADC
QT Input Channel

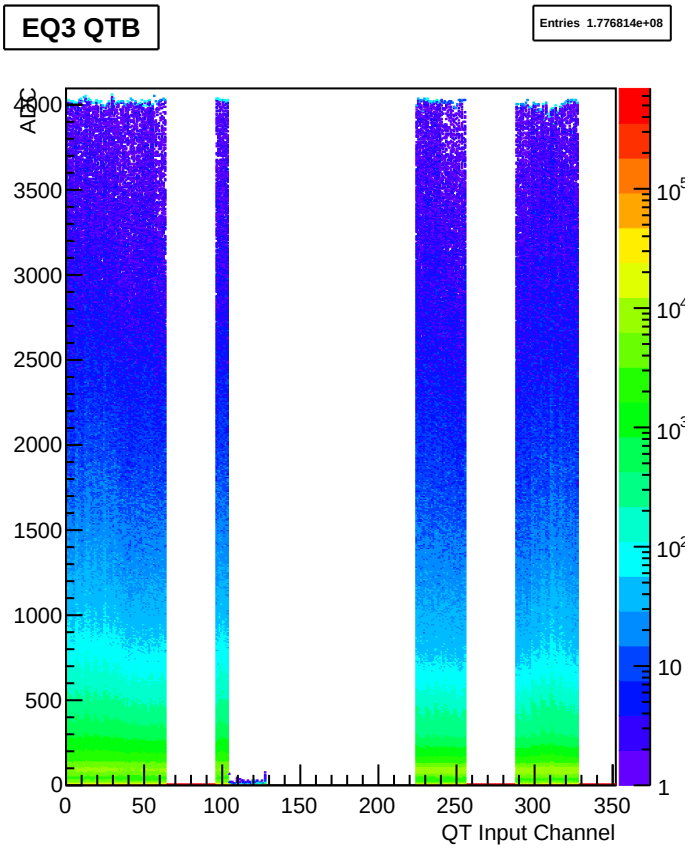

EQ1 QTC
Entries 6.663053e+07
TADC
QT Input Channel

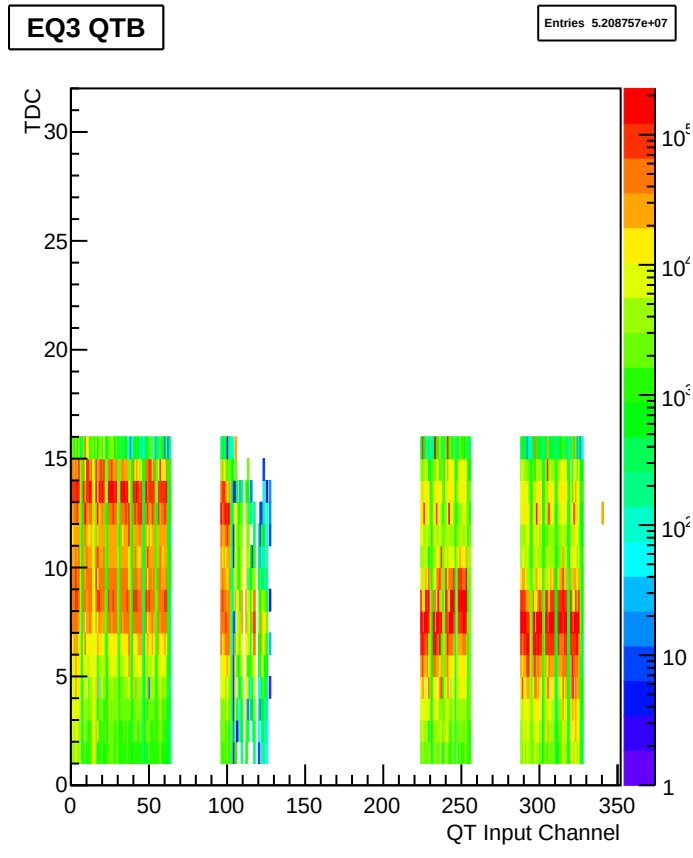

EQ2 QTB
Entries 1.998916e+08
ADC
QT Input Channel

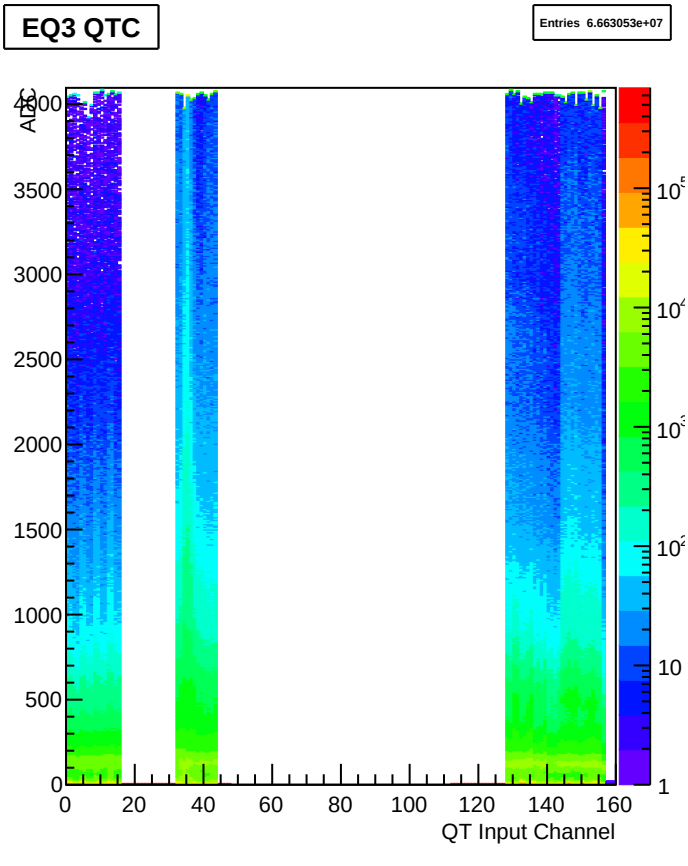

EQ2 QTB
Entries 6.279762e+07
TDC
QT Input Channel

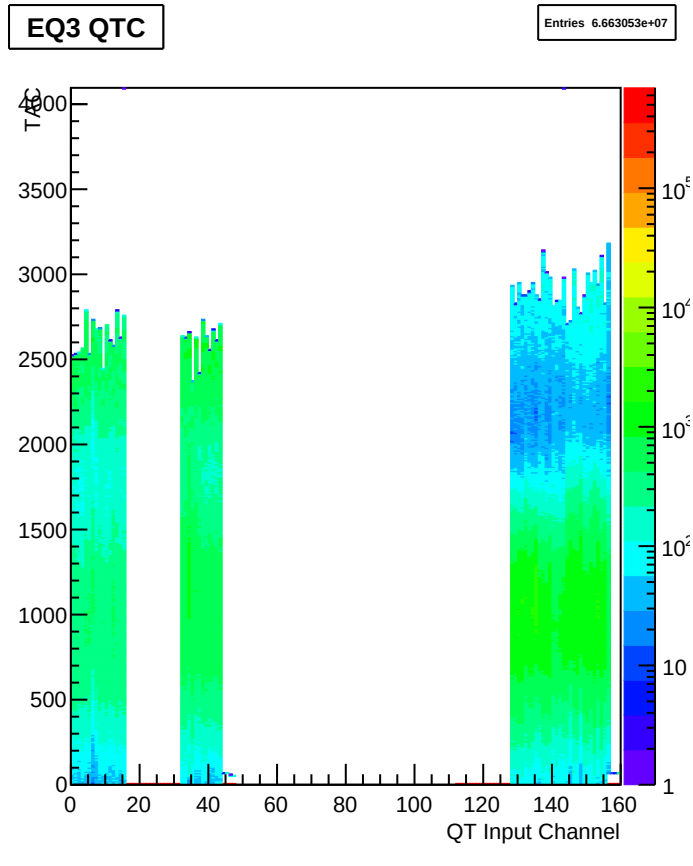

EQ2 QTC
Entries 6.663053e+07
ADC
QT Input Channel

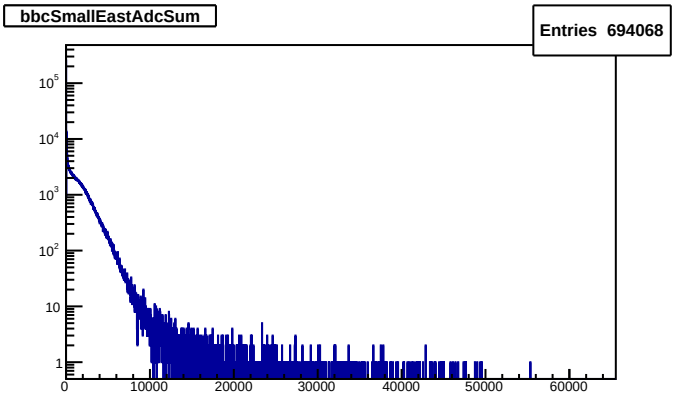

EQ2 QTC
Entries 6.663053e+07
TADC
QT Input Channel

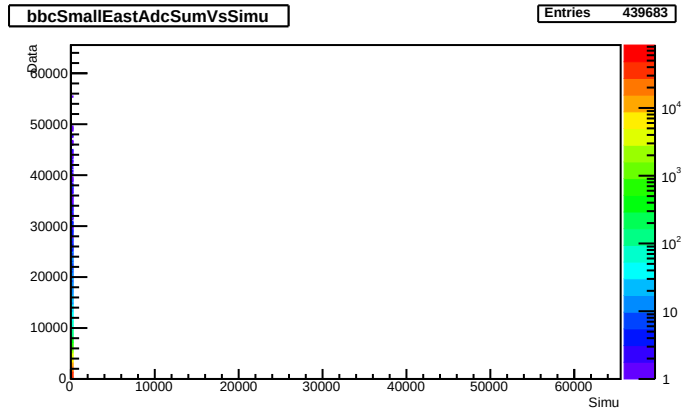

EQ3 QTB
Entries 1.776814e+08
ADC
QT Input Channel

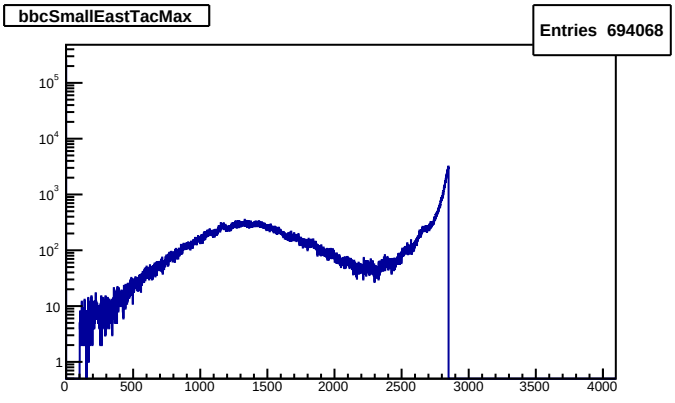

EQ3 QTB
Entries 5.208757e+07
TDC
QT Input Channel

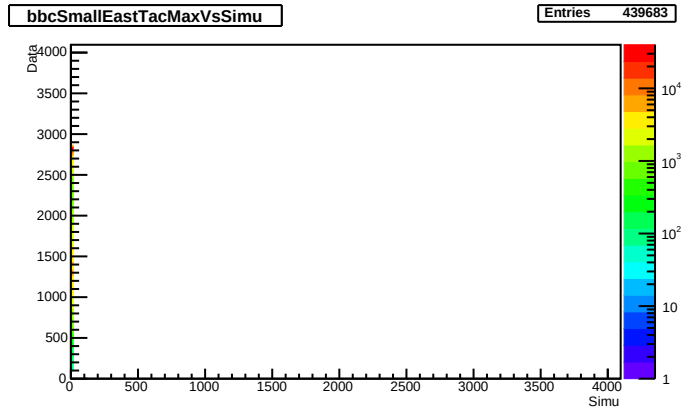

EQ3 QTC
Entries 6.663053e+07
ADC
QT Input Channel

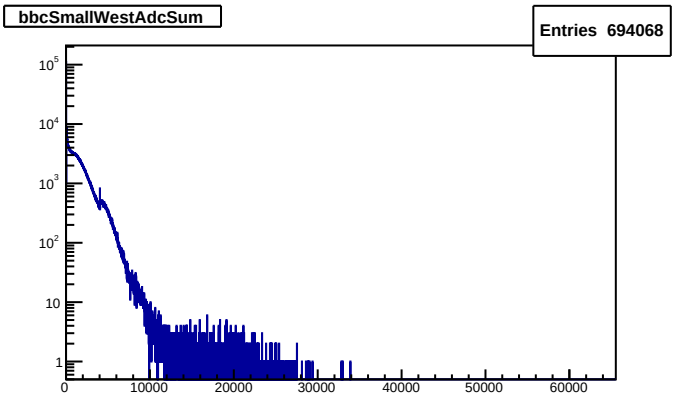

EQ3 QTC
Entries 6.663053e+07
TADC
QT Input Channel

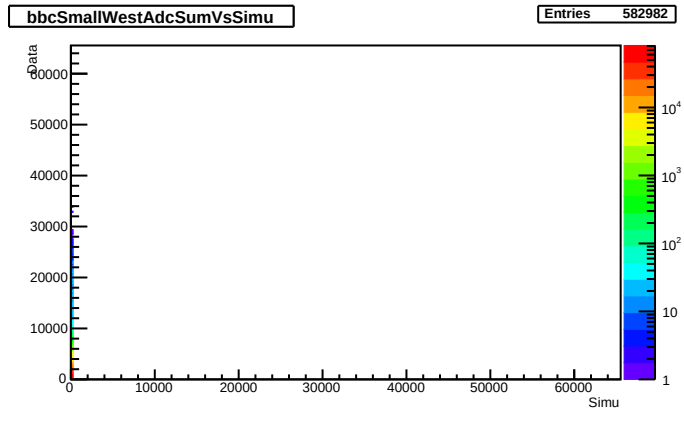

bbcSmallEastAdcSum
Entries 694068

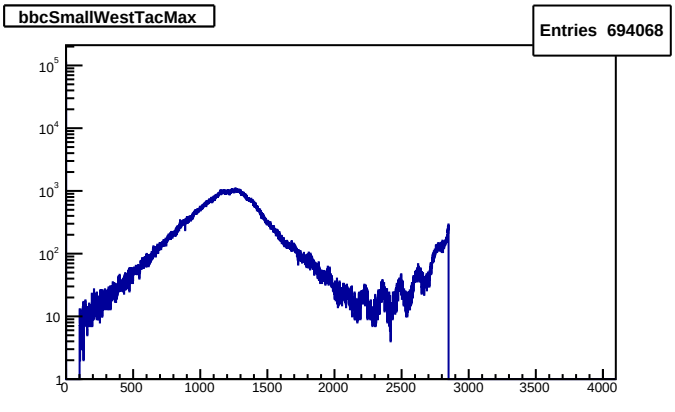

bbcSmallEastAdcSumVsSimu
Entries 439683
Data
Simu

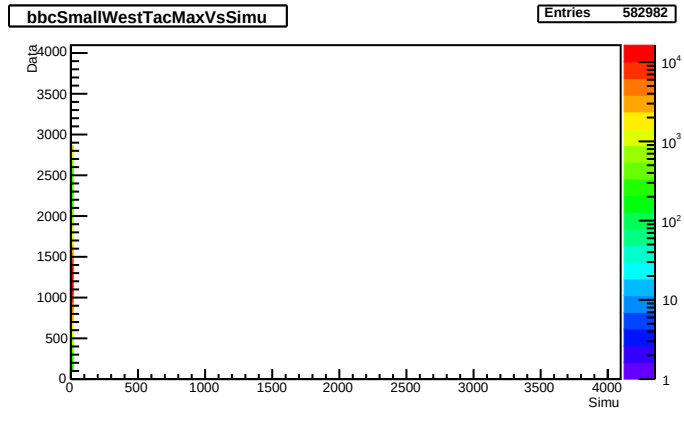

bbcSmallEastTacMax
Entries 694068

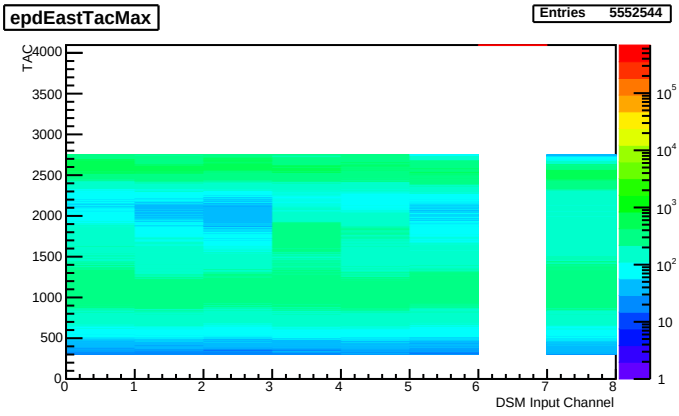

bbcSmallEastTacMaxVsSimu
Entries 439683
Data
Simu

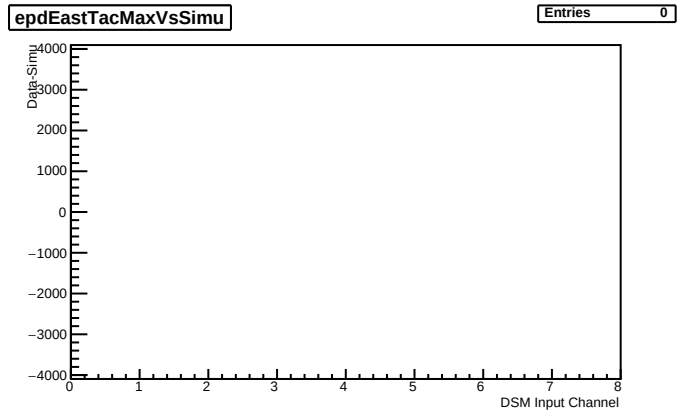

bbcSmallWestAdcSum
Entries 694068

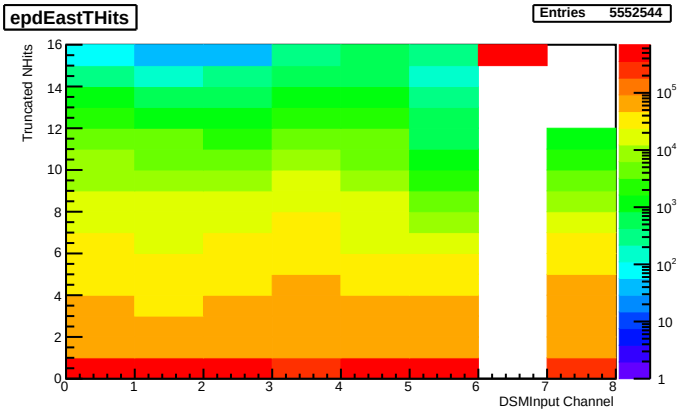

bbcSmallWestAdcSumVsSimu
Entries 582982
Data
Simu

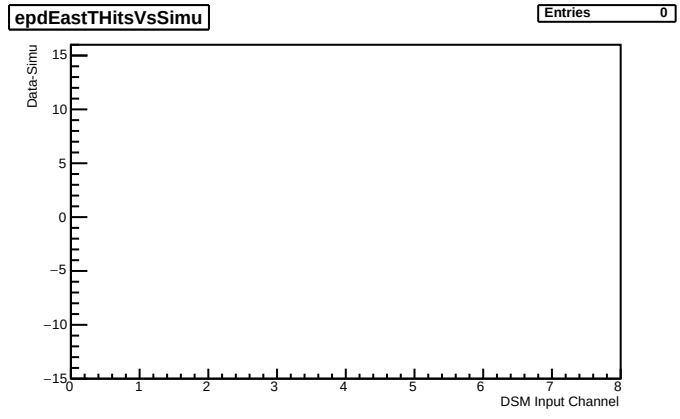

bbcSmallWestTacMax
Entries 694068

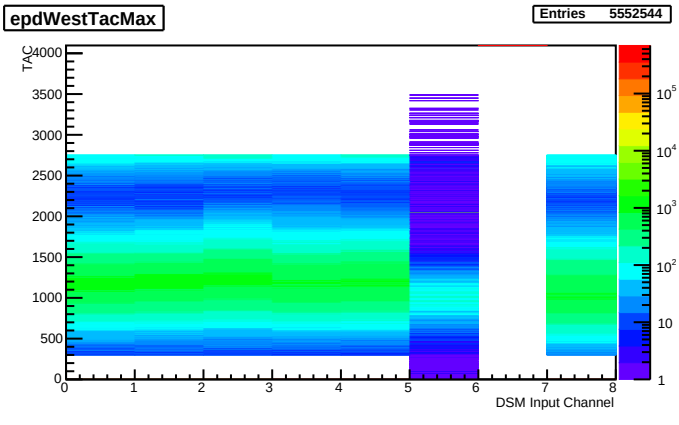

bbcSmallWestTacMaxVsSimu
Entries 582982
Data
Simu

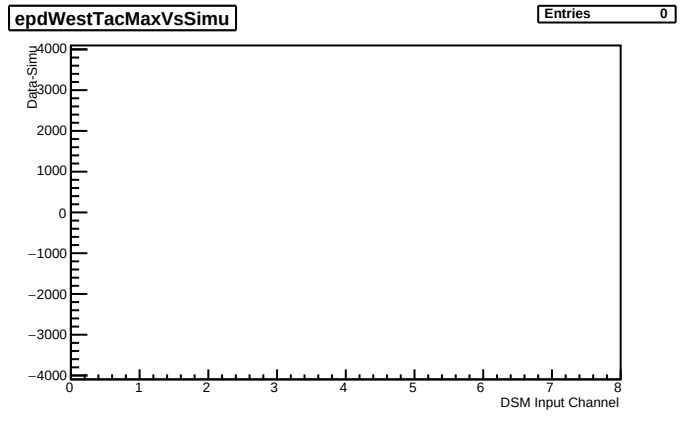

epdEastTacMax
Entries 5552544
TAC
DSM Input Channel

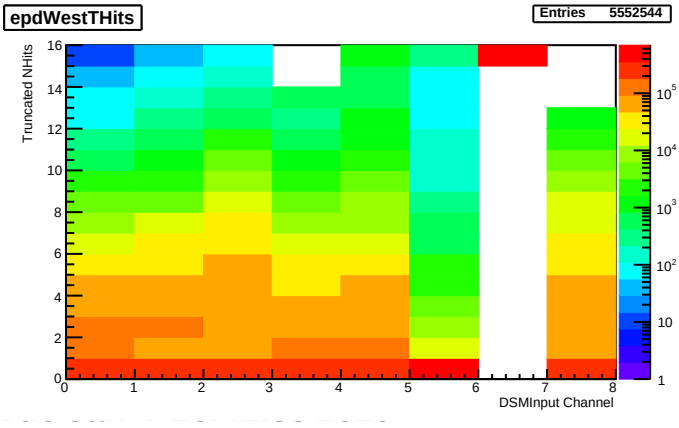

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

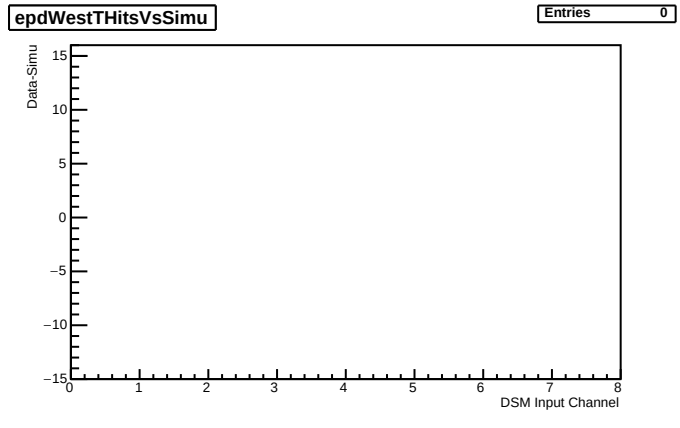

epdEastTHits
Entries 5552544
Truncated NHits
DSMInput Channel

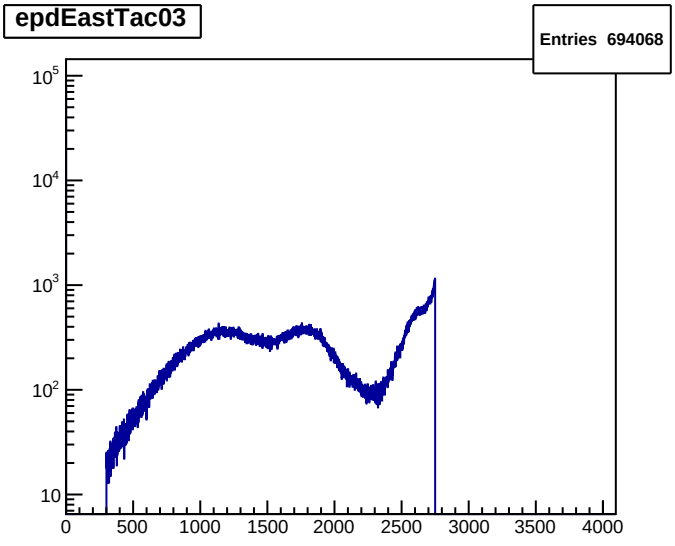

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

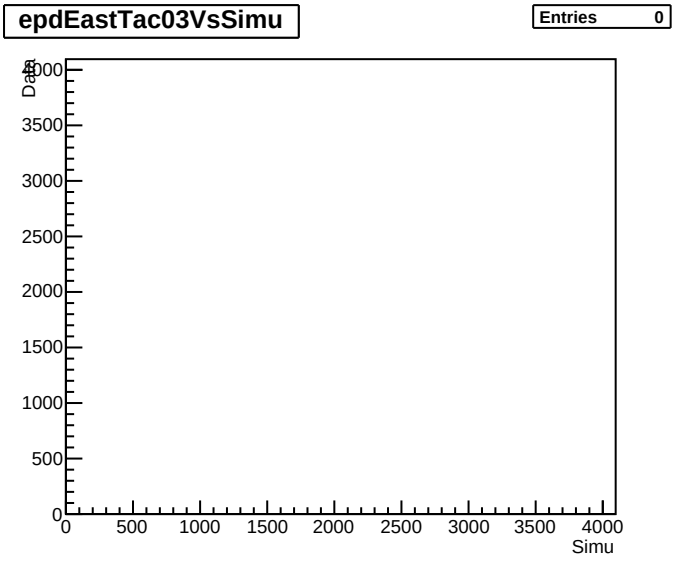

epdWestTacMax
Entries 5552544
TAC
DSM Input Channel

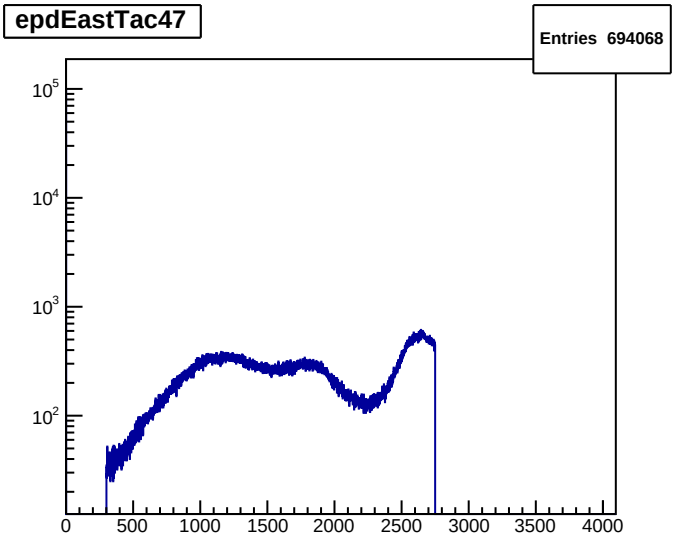

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

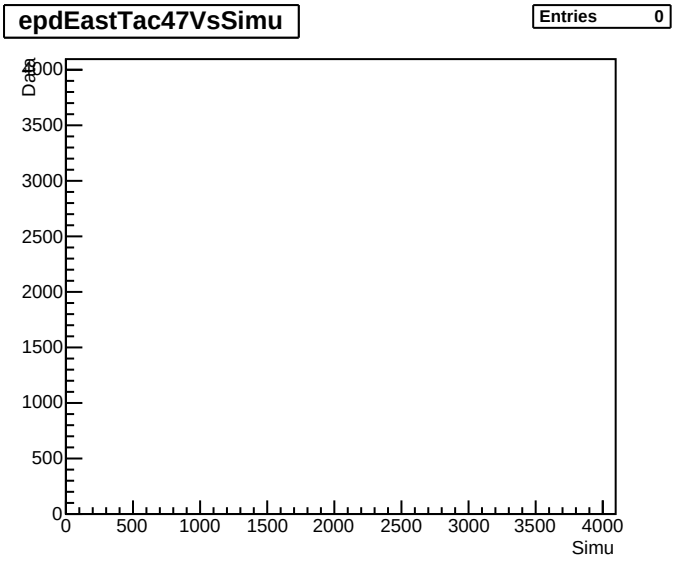

epdWestTHits
Entries 5552544
Truncated NHits
DSMInput Channel

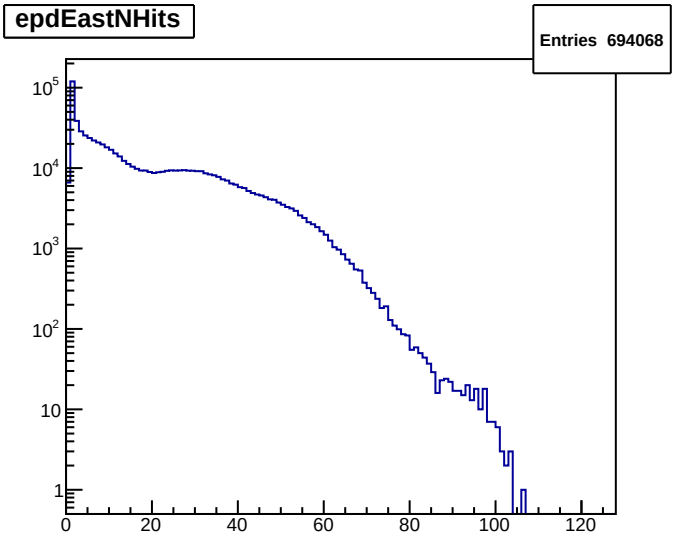

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

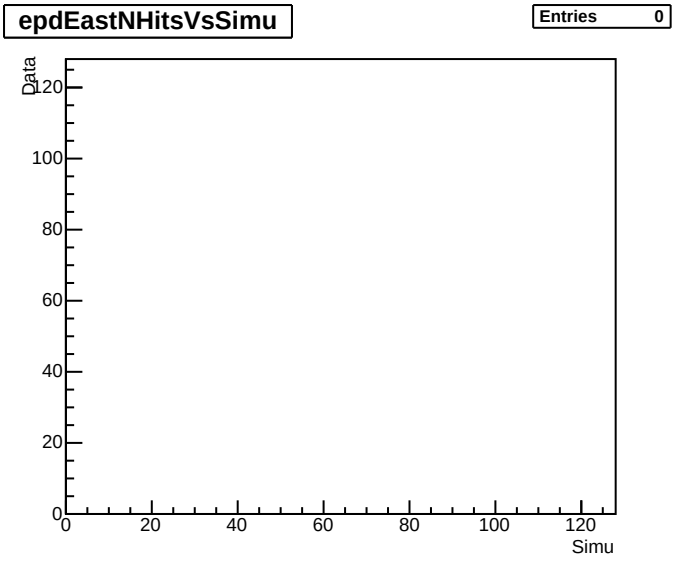

epdEastTac03
Entries 694068

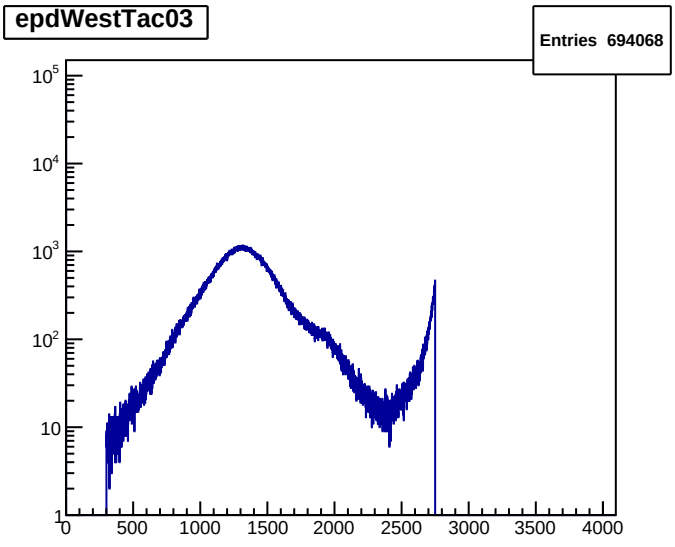

epdEastTac03VsSimu
Entries 0
Data
Simu

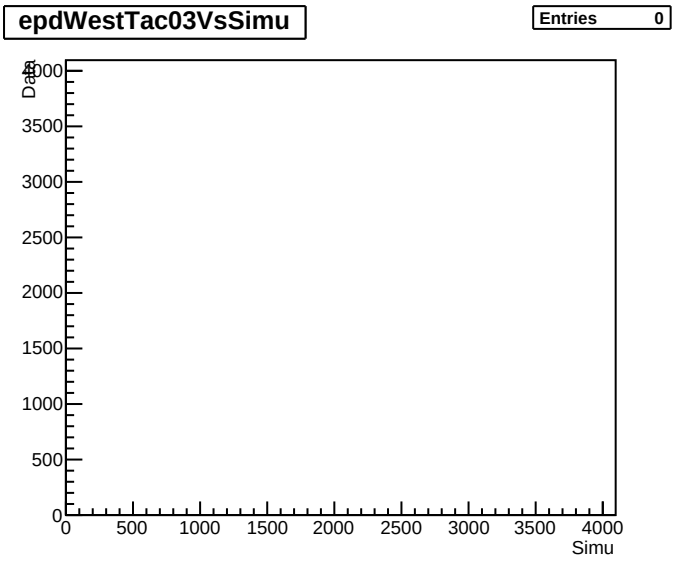

epdEastTac47
Entries 694068

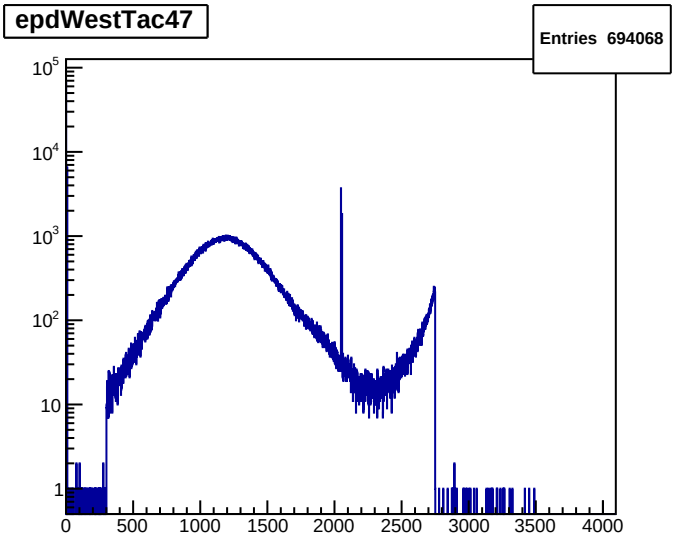

epdEastTac47VsSimu
Entries 0
Data
Simu

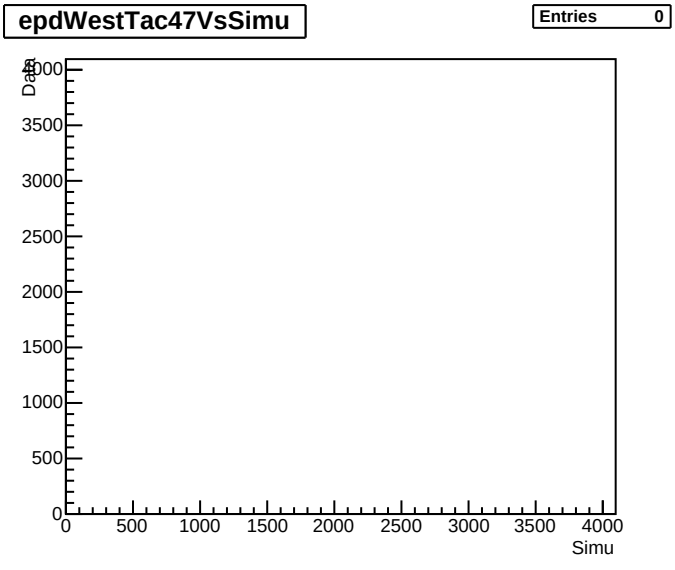

epdEastNHits
Entries 694068

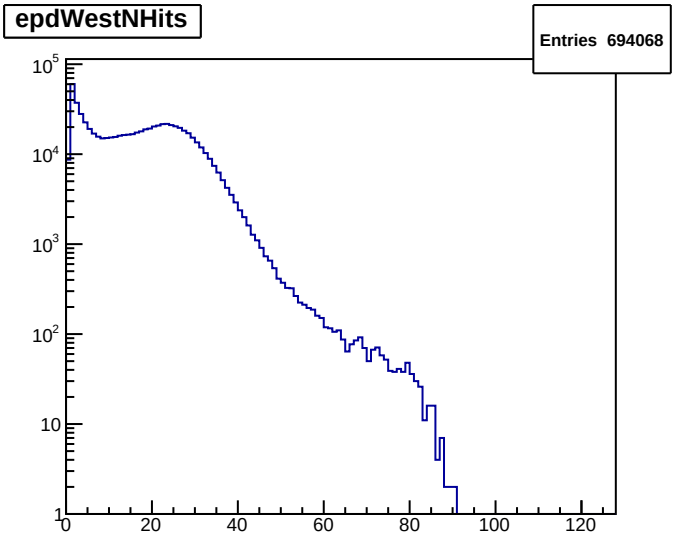

epdEastNHitsVsSimu
Entries 0
Data
Simu

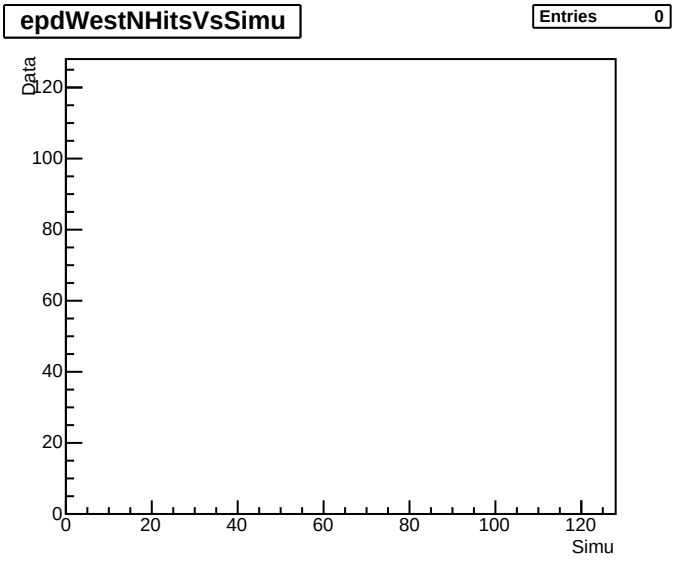

epdWestTac03
Entries 694068

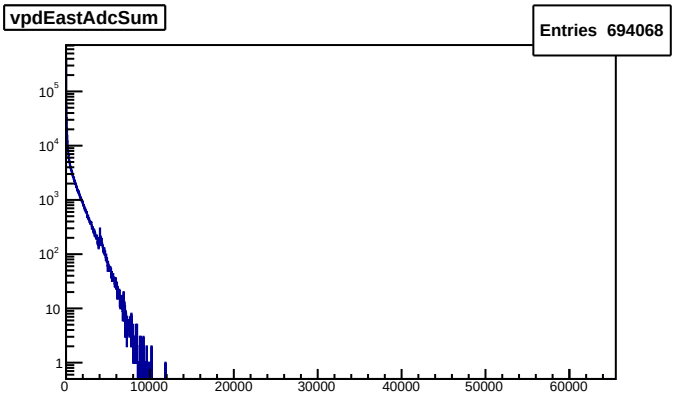

epdWestTac03VsSimu
Entries 0
Data
Simu

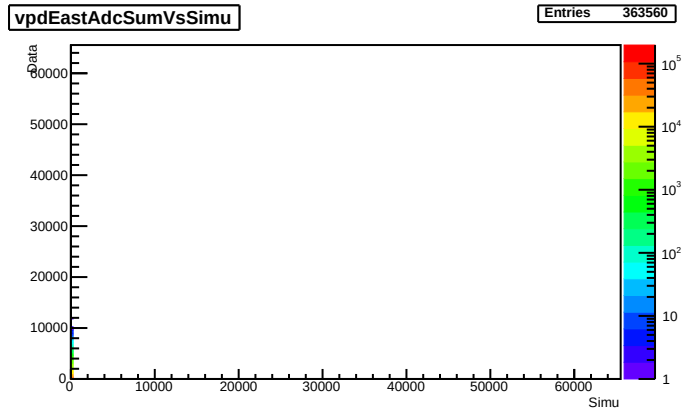

epdWestTac47
Entries 694068

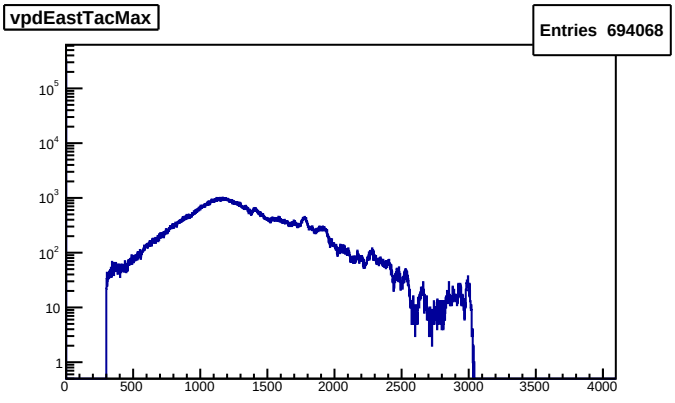

epdWestTac47VsSimu
Entries 0
Data
Simu

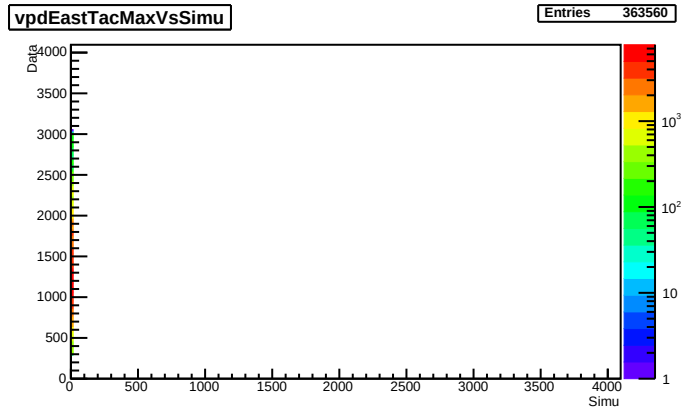

epdWestNHits
Entries 694068

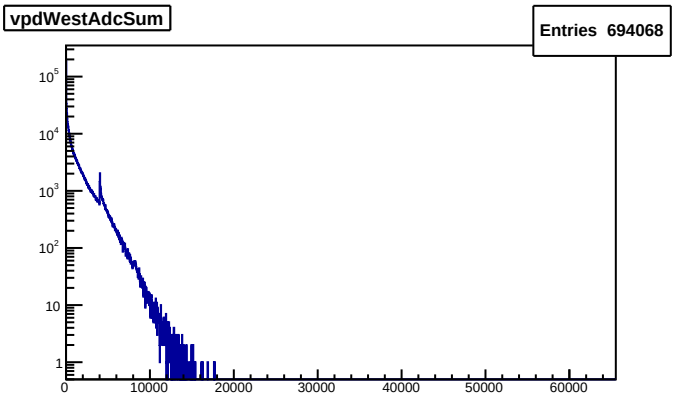

epdWestNHitsVsSimu
Entries 0
Data
Simu

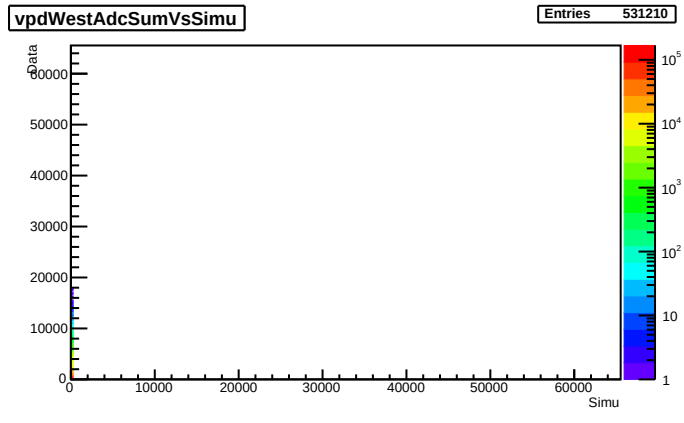

vpdEastAdcSum
Entries 694068

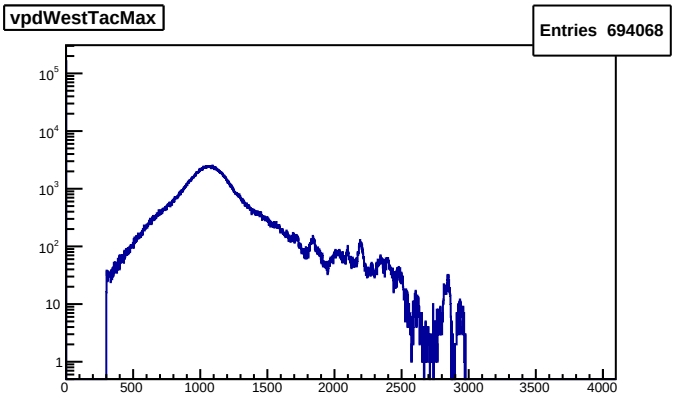

vpdEastAdcSumVsSimu
Entries 363560
Data
Simu

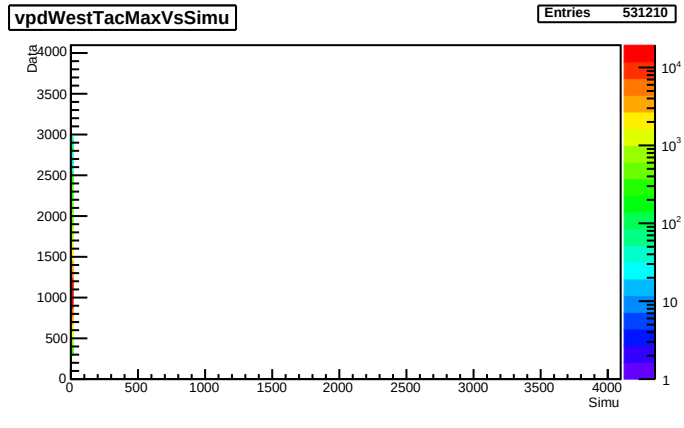

vpdEastTacMax
Entries 694068

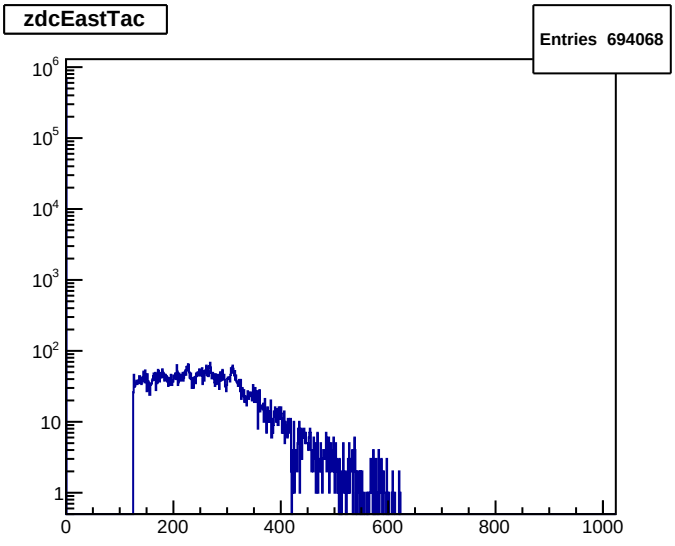

vpdEastTacMaxVsSimu
Entries 363560
Data
Simu

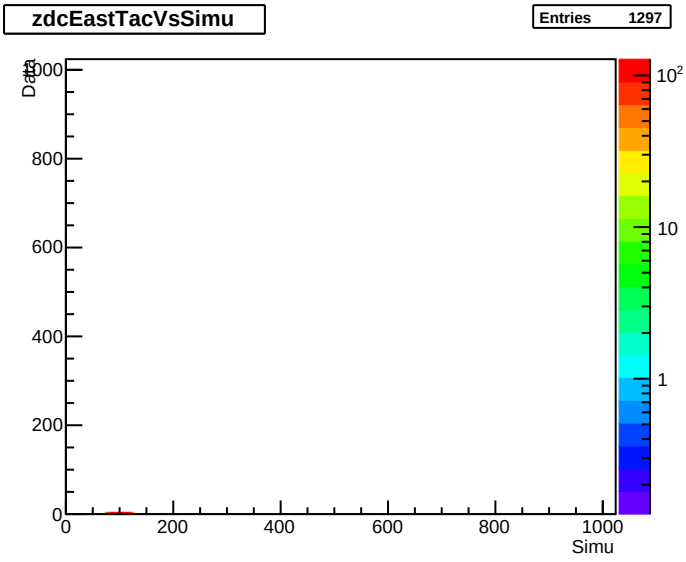

vpdWestAdcSum
Entries 694068

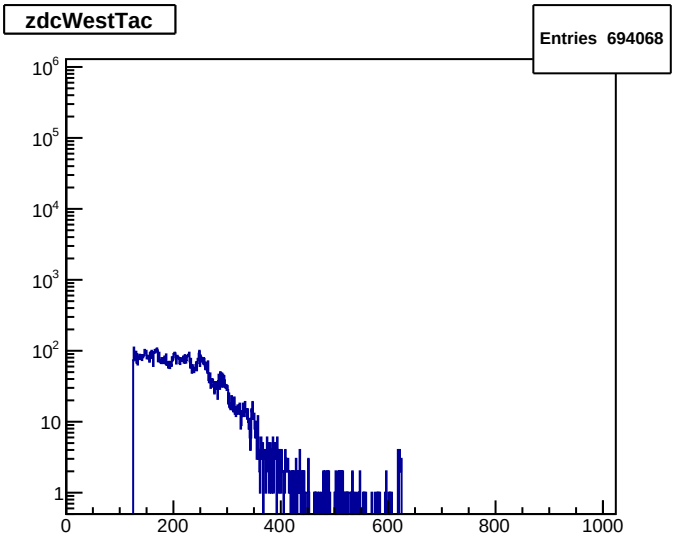

vpdWestAdcSumVsSimu
Entries 531210
Data
Simu

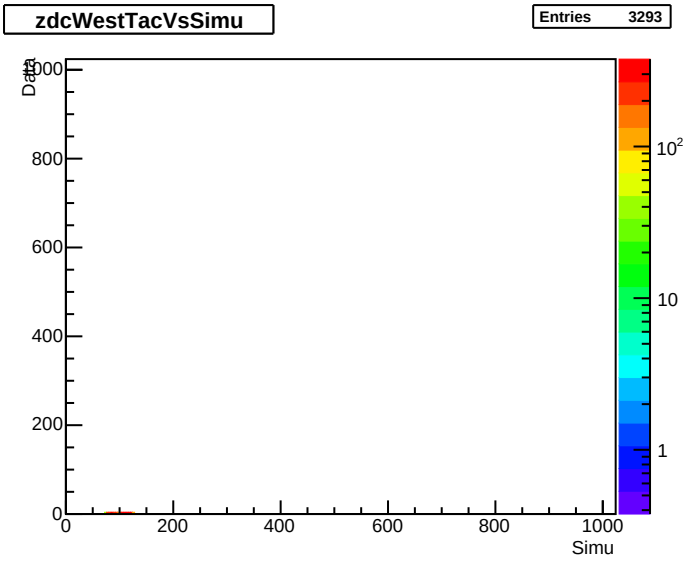

vpdWestTacMax
Entries 694068

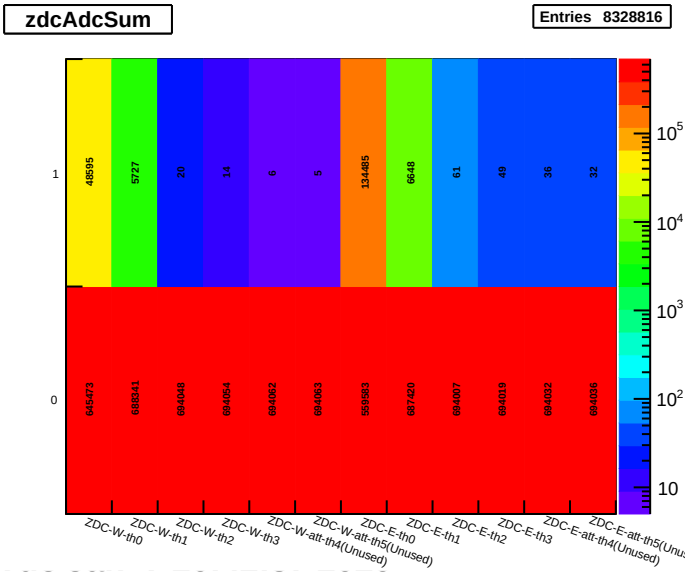

vpdWestTacMaxVsSimu
Entries 531210
Data
Simu

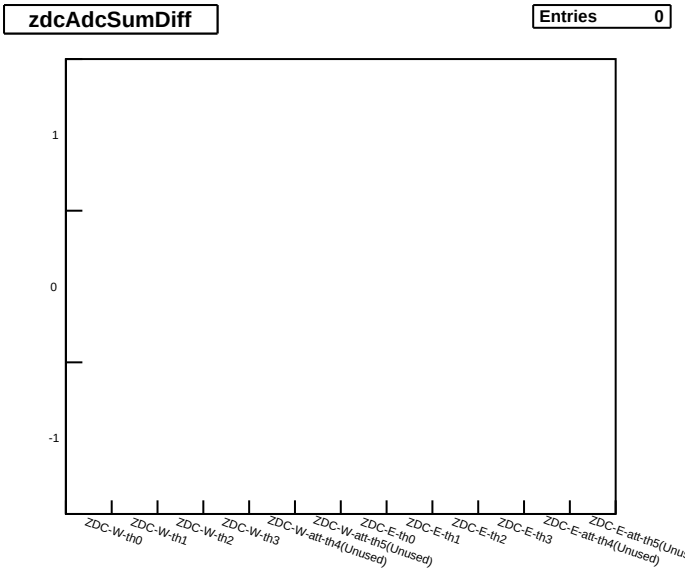

zdcEastTac
Entries 694068

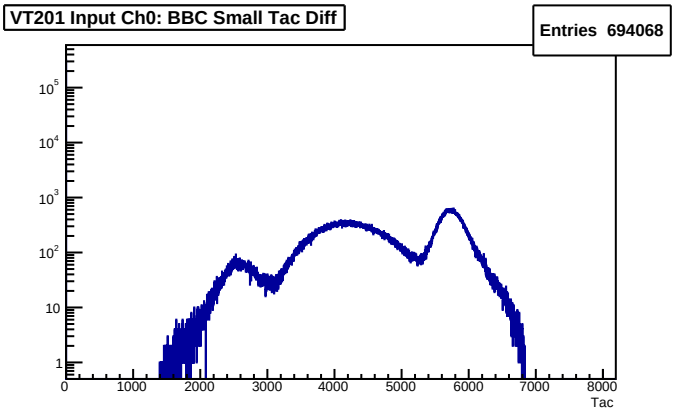

zdcEastTacVsSimu
Entries 1297
Data
Simu

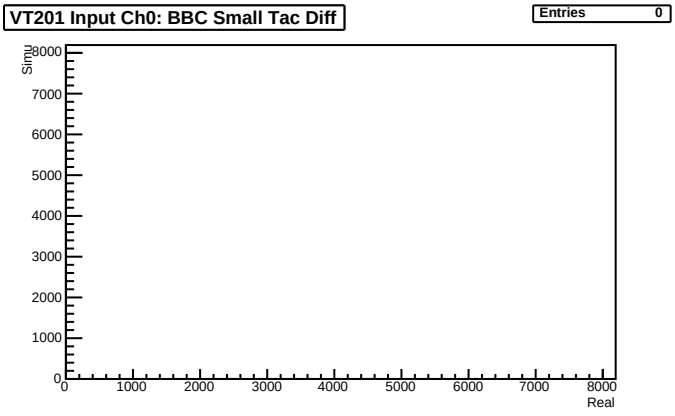

zdcWestTac
Entries 694068

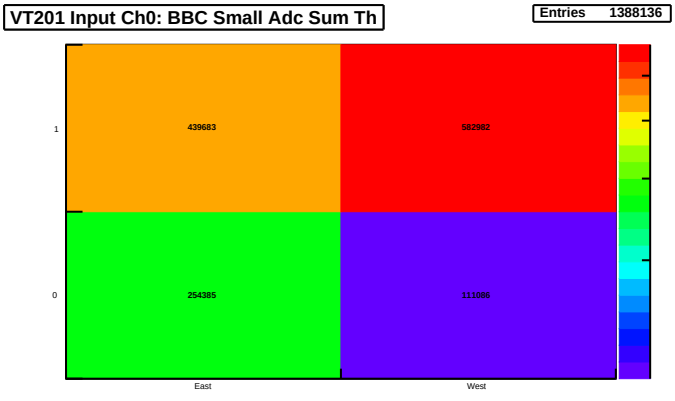

zdcWestTacVsSimu
Entries 3293
Data
Simu

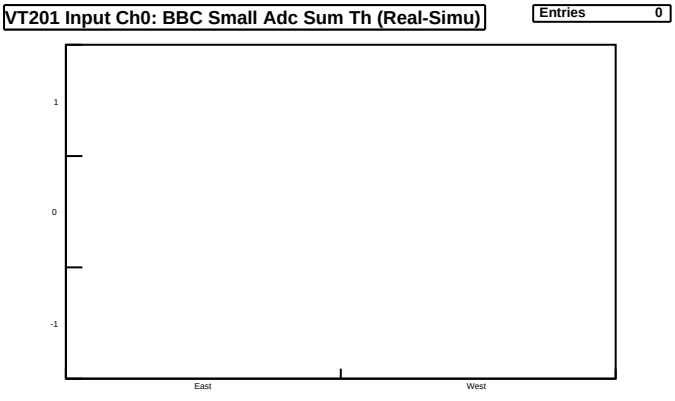

zdcAdcSum
Entries 8328816
48595
5727
20
14
6
5
134485
6648
61
49
36
32
645473
688341
694048
694054
694062
694063
559583
687420
694007
694019
694032
694036
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

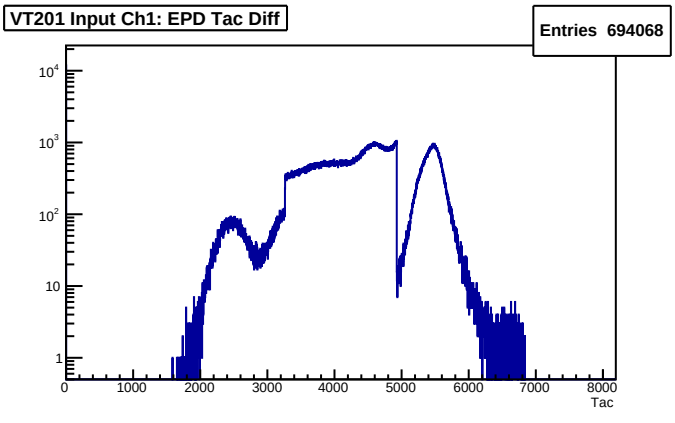

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

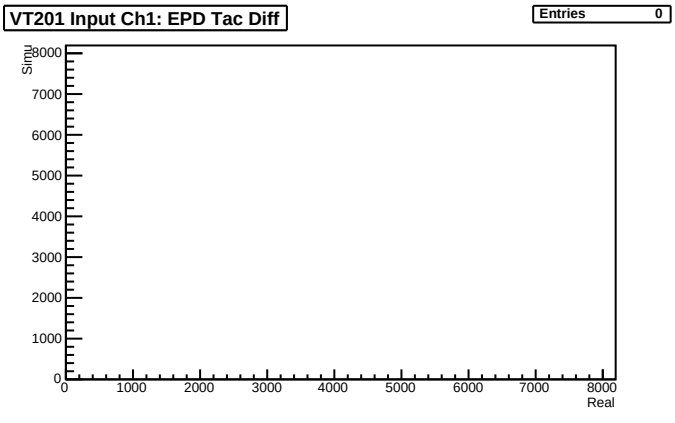

VT201 Input Ch0: BBC Small Tac Diff
Entries 694068
Tac

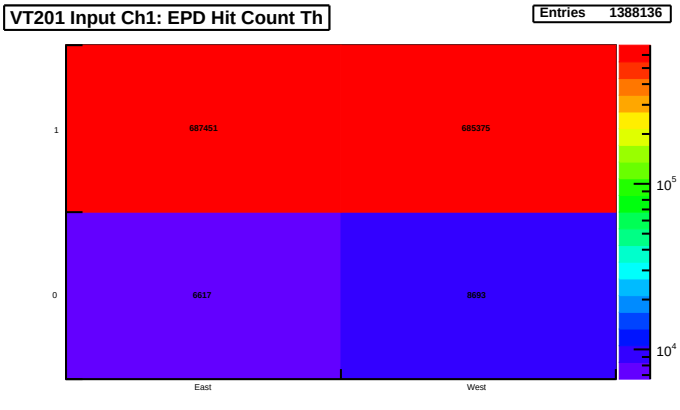

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

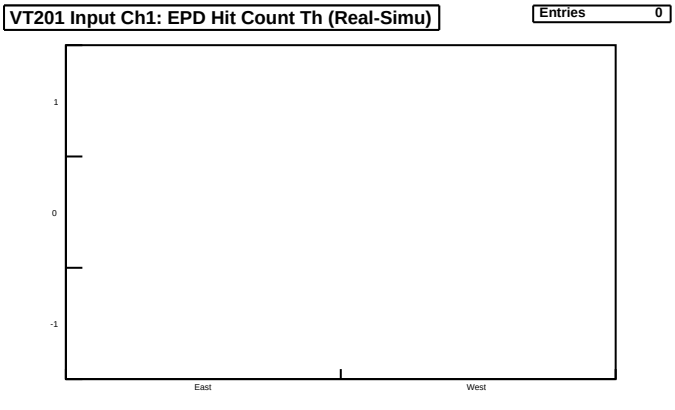

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1388136
439683
582982
254385
111086
East
West

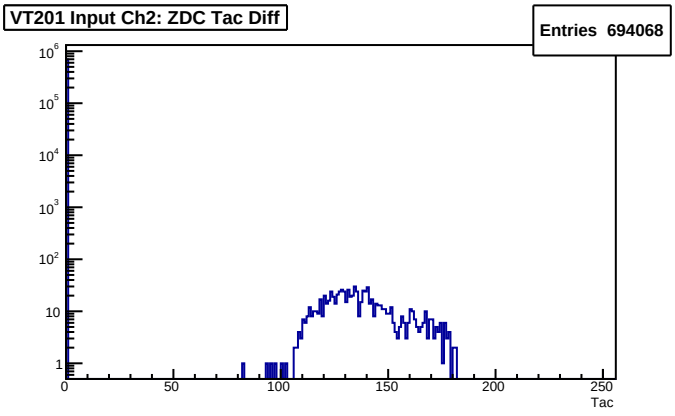

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

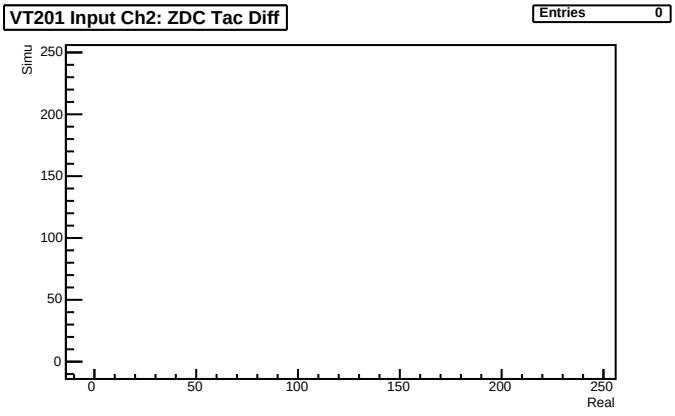

VT201 Input Ch1: EPD Tac Diff
Entries 694068
Tac

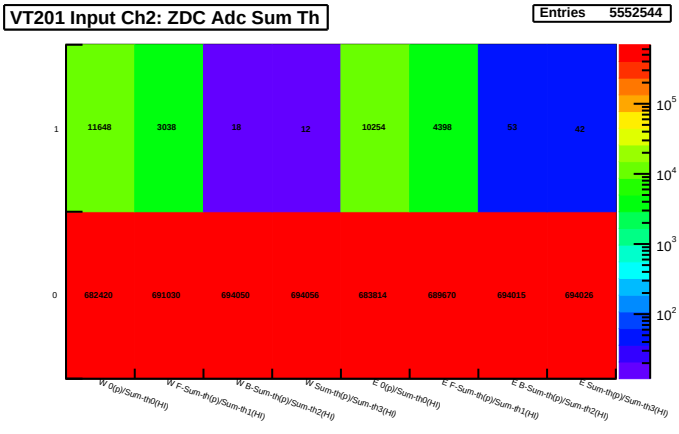

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

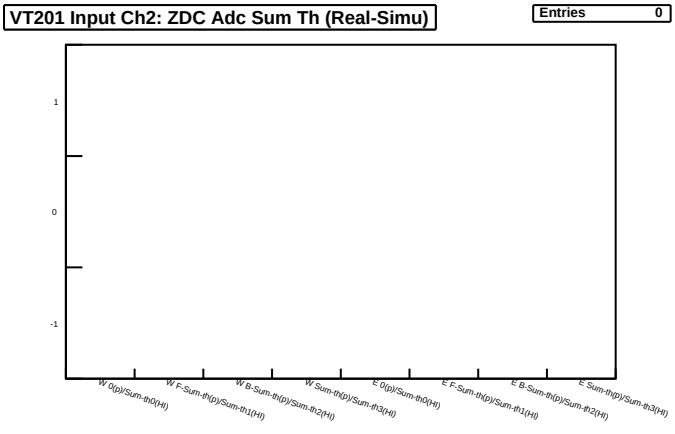

VT201 Input Ch1: EPD Hit Count Th
Entries 1388136
687451
685375
6617
8693
East
West

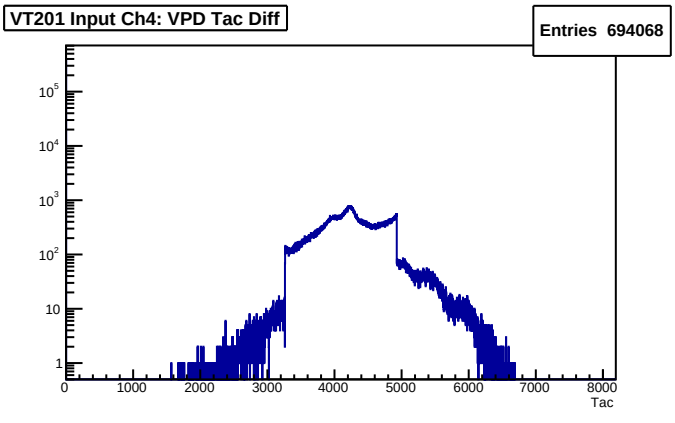

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

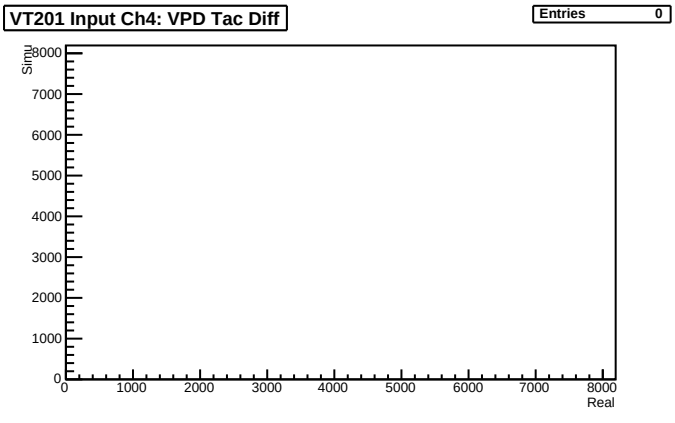

VT201 Input Ch2: ZDC Tac Diff
Entries 694068
Tac

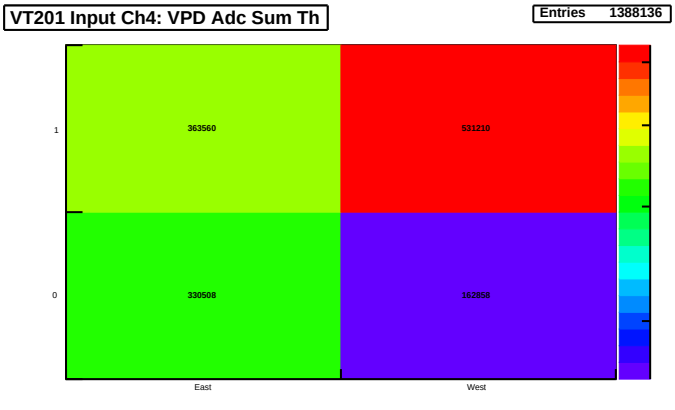

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

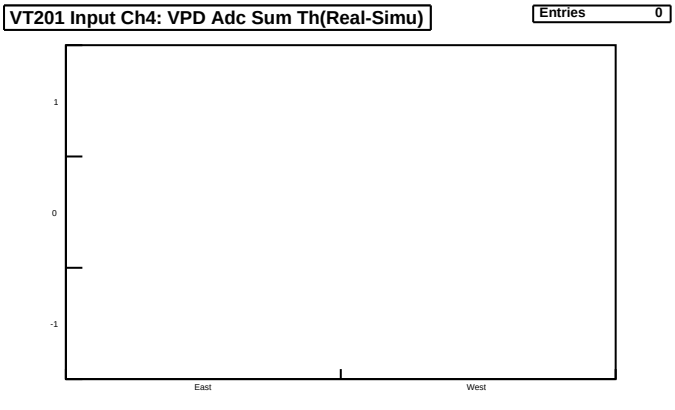

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5552544
11648
3038
18
12
10254
4398
53
42
682420
691030
694050
694056
683814
689670
694015
694026
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

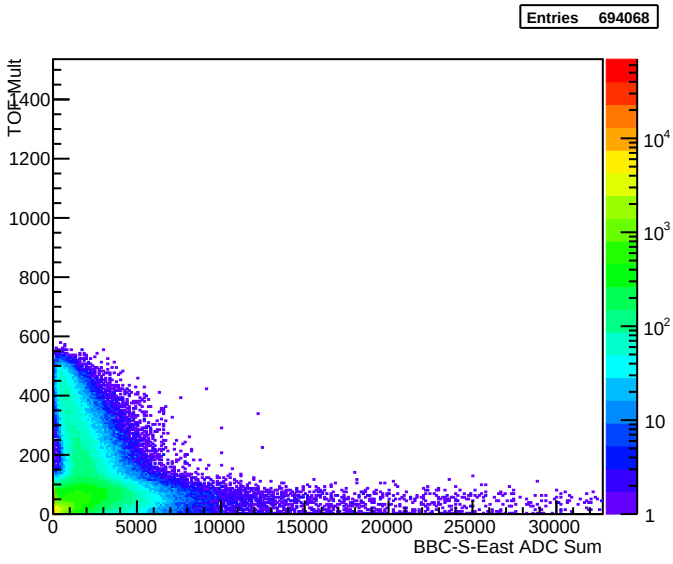

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

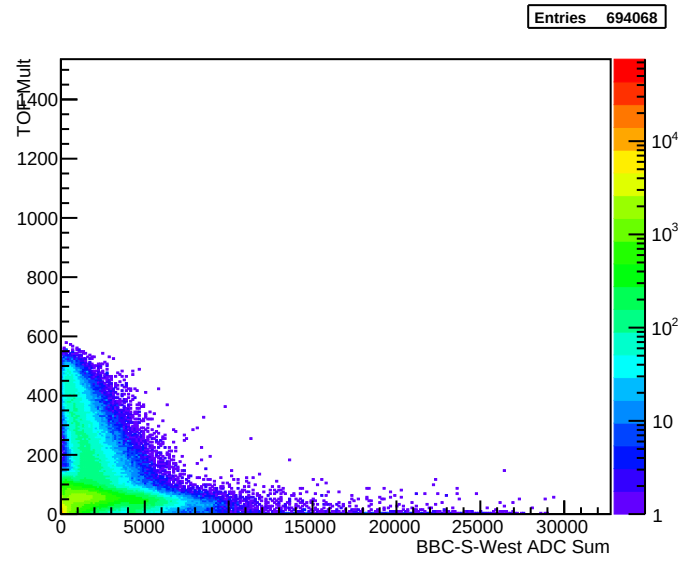

VT201 Input Ch4: VPD Tac Diff
Entries 694068
Tac

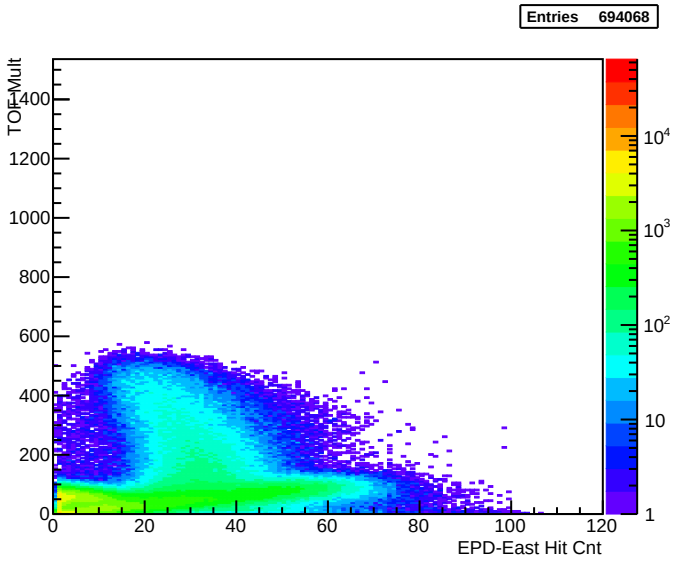

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

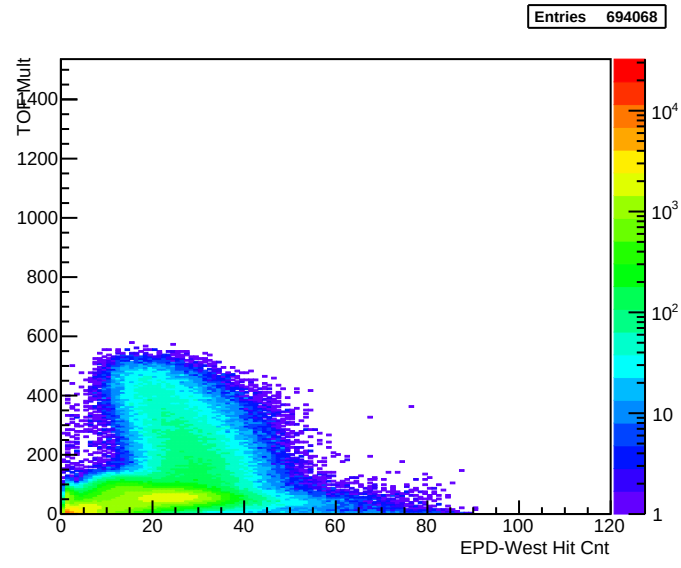

VT201 Input Ch4: VPD Adc Sum Th
Entries 1388136
363560
531210
330508
162858
East
West

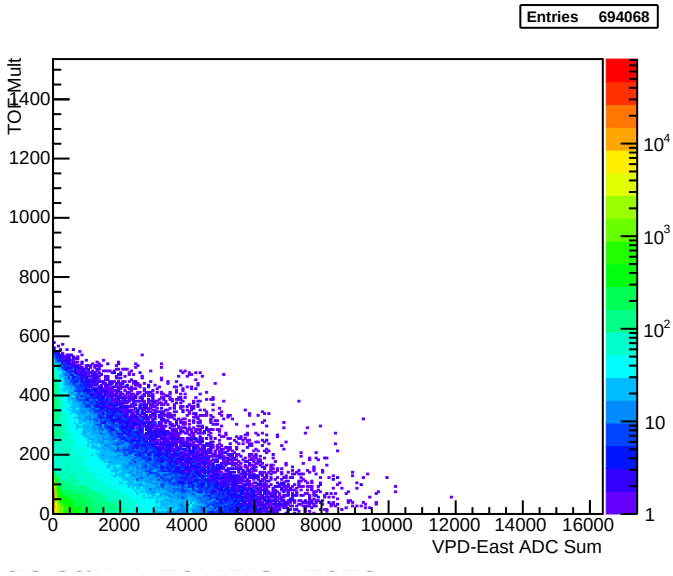

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

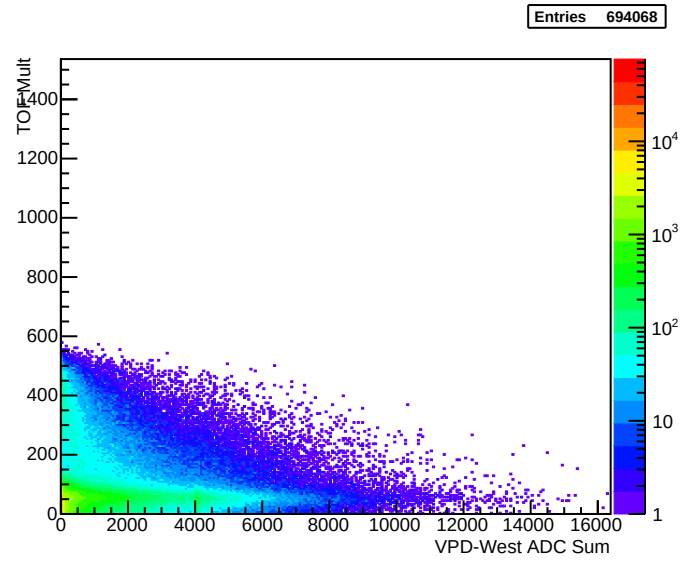

Entries 694068
TOF-Mult
BBC-S-East ADC Sum

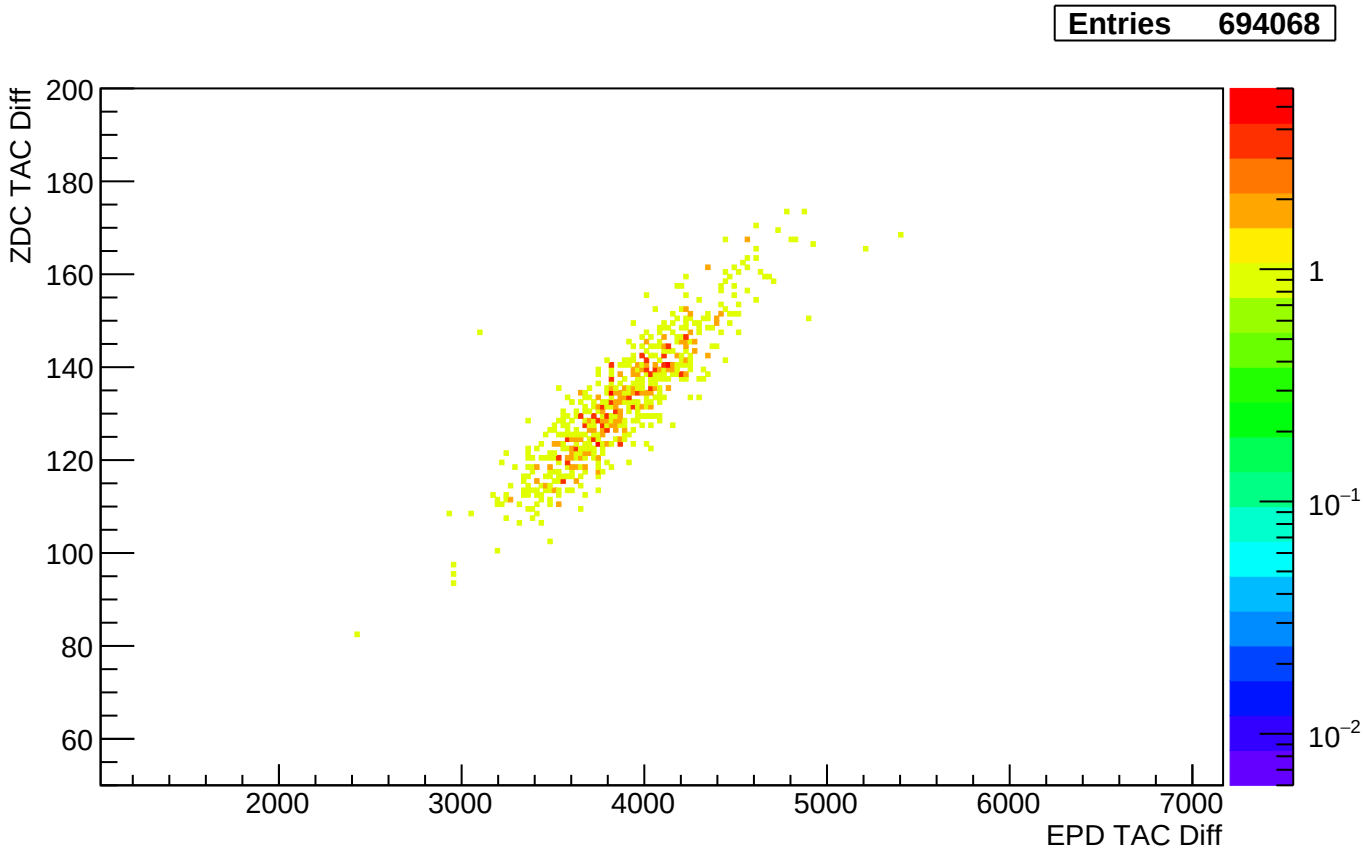

Entries 694068
TOF-Mult
BBC-S-West ADC Sum

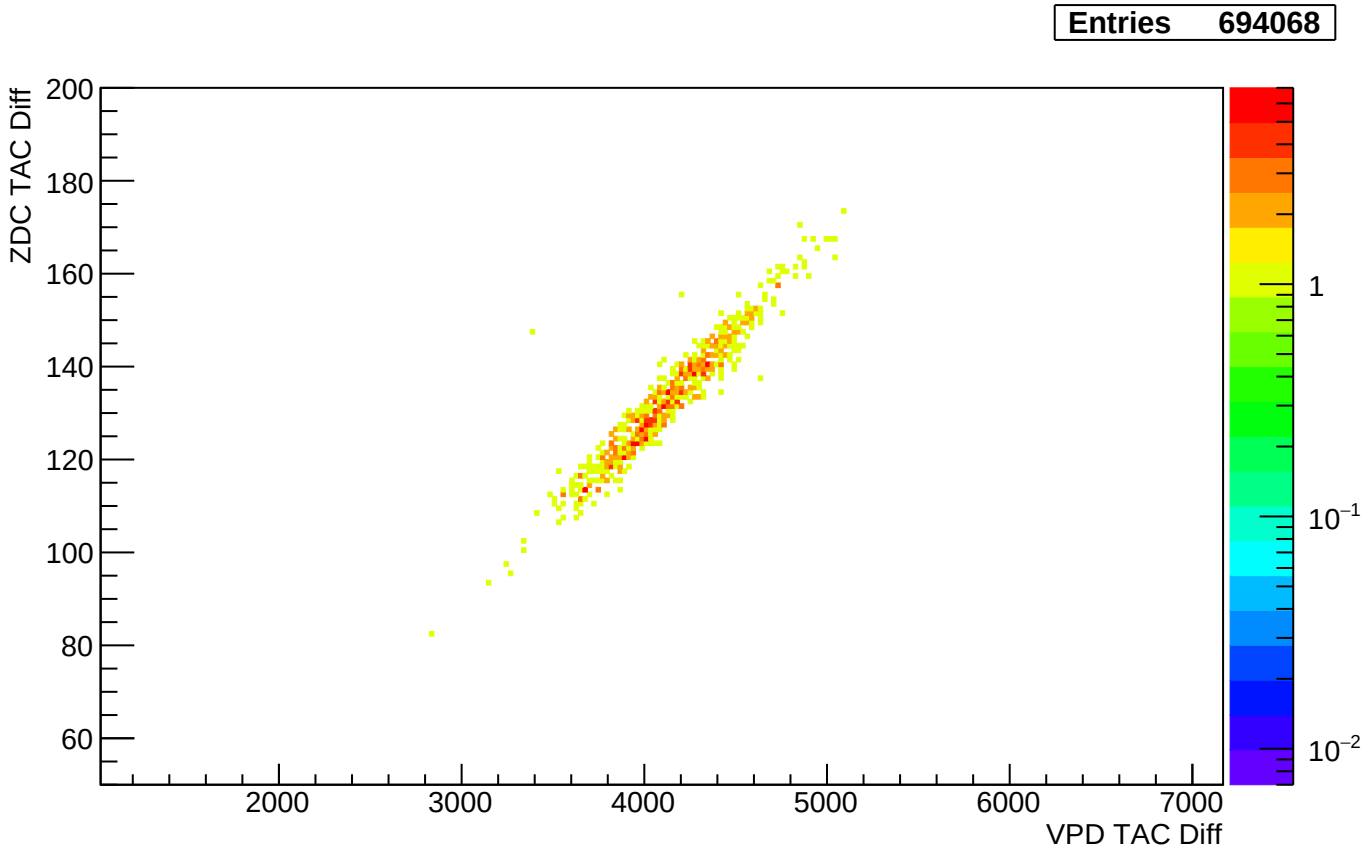

Entries 694068
TOF-Mult
EPD-East Hit Cnt

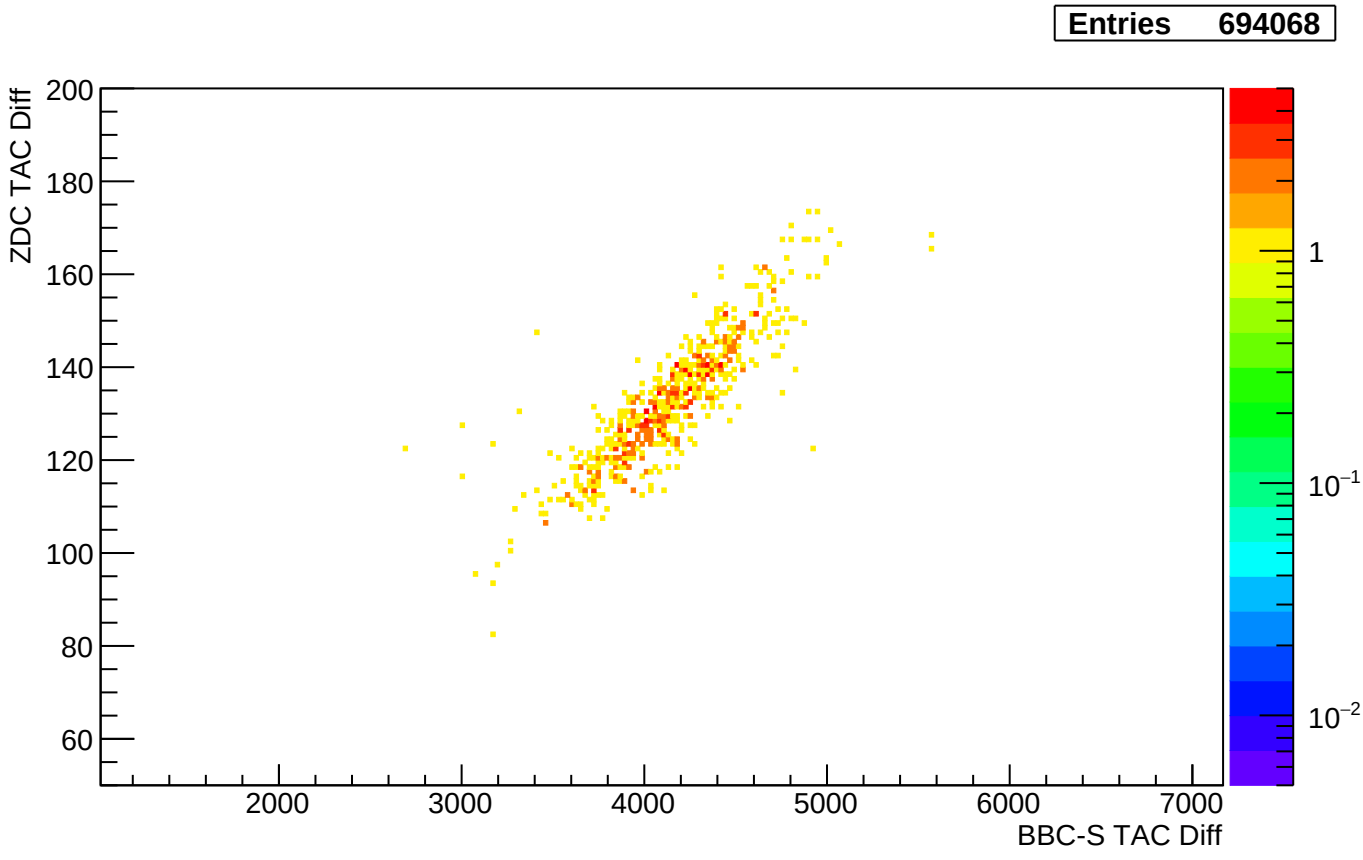

Entries 694068
TOF-Mult
EPD-West Hit Cnt

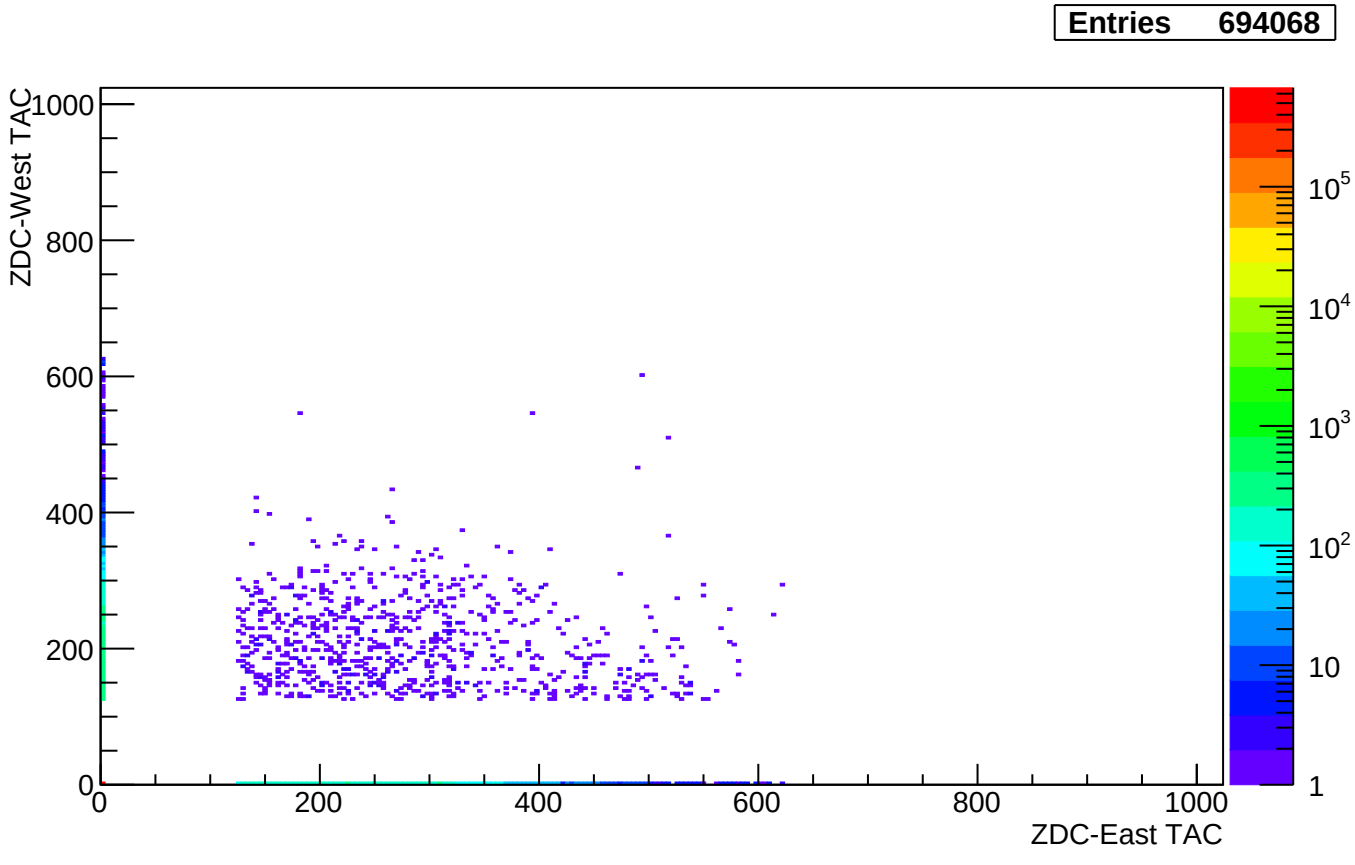

Entries 694068
TOF-Mult
VPD-East ADC Sum

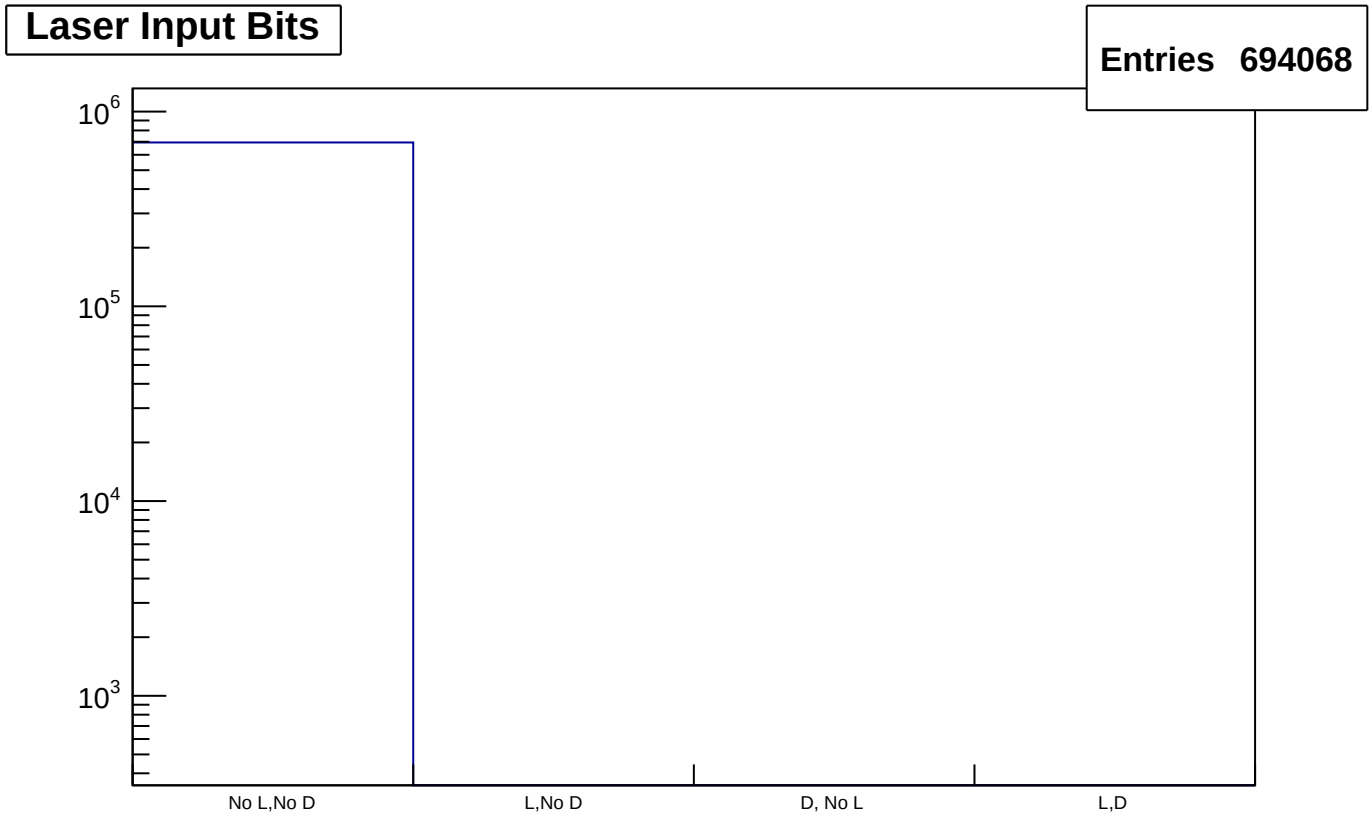

Entries 694068
TOF-Mult
VPD-West ADC Sum

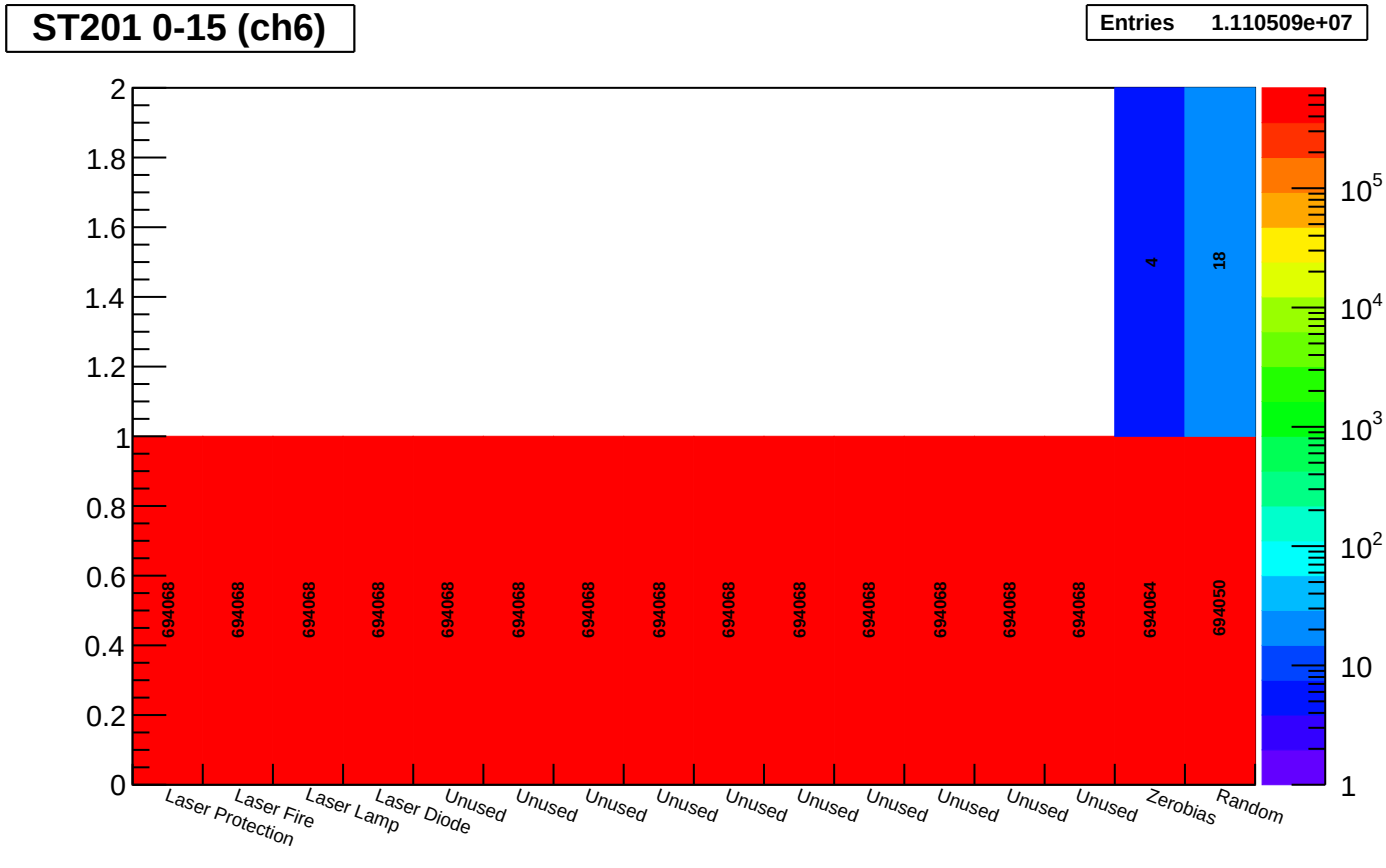

Entries 694068
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

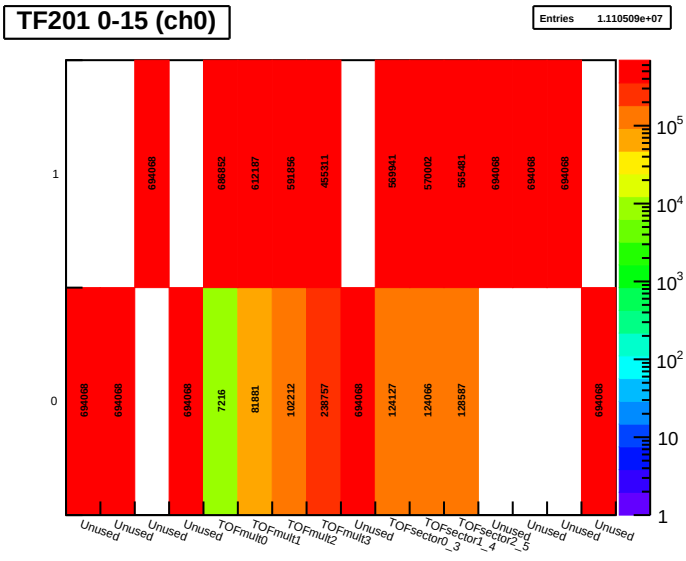

Entries 694068
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

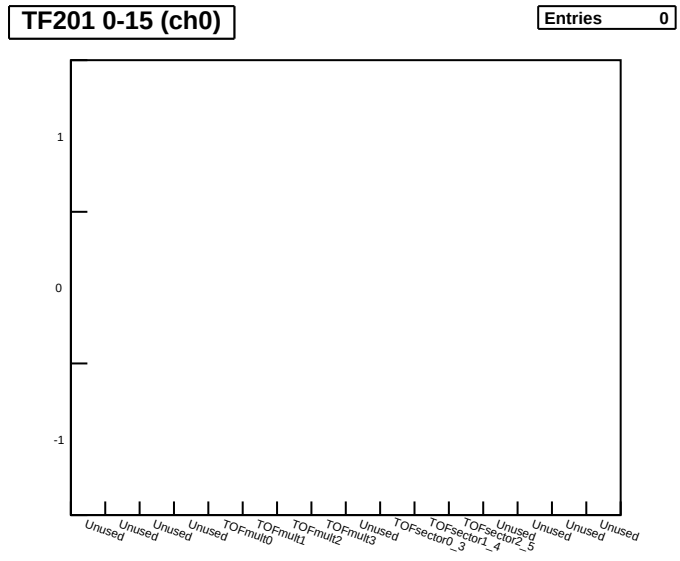

Entries 694068
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

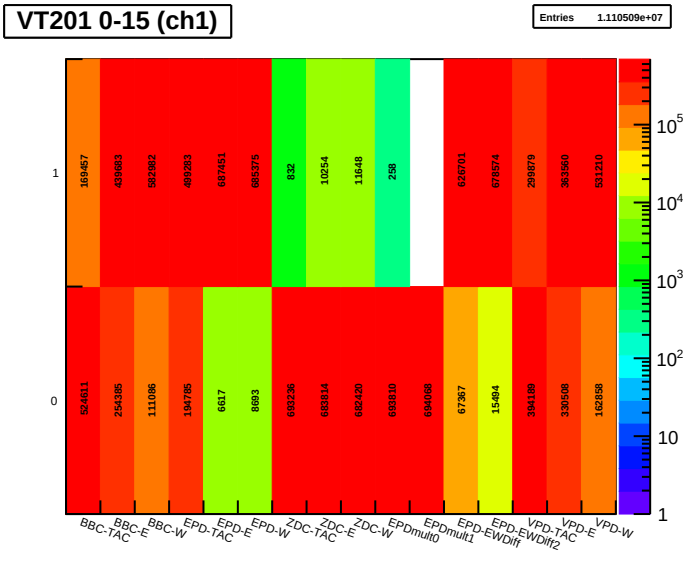

Entries 694068
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

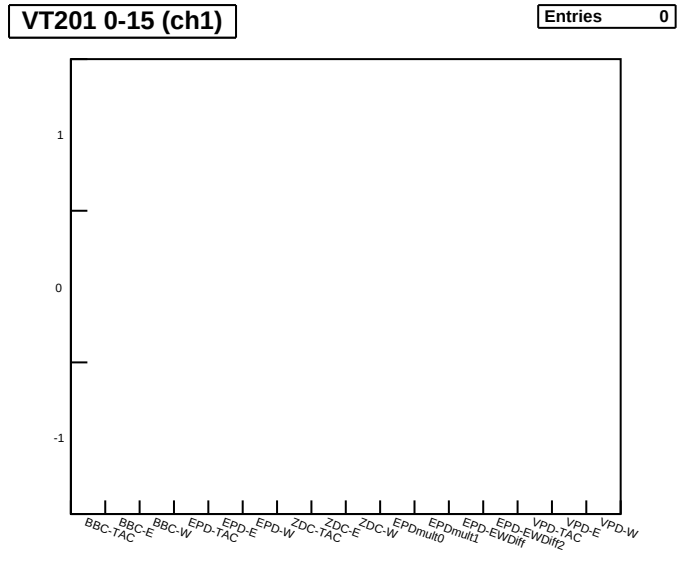

Laser Input Bits
Entries 694068
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

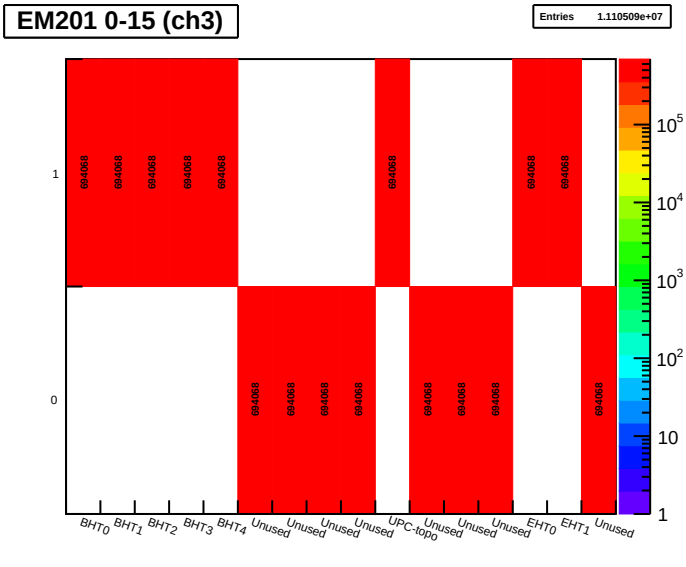

ST201 0-15 (ch6)
Entries 1.110509e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
694068
694068
694068
694068
694068
694068
694068
694068
694068
694068
694068
694068
694068
694068
694064
694050
4
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

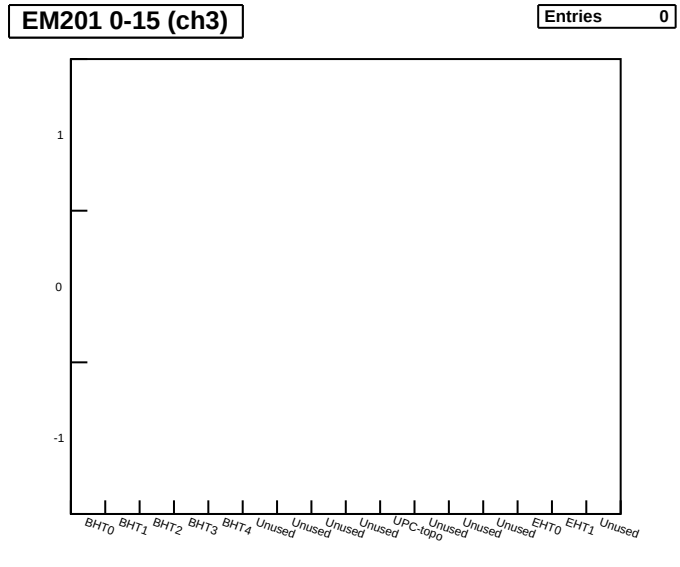

TF201 0-15 (ch0)
Entries 1.110509e+07
1
0
694068 694068 694068 694068 686852 612187 531856 455311 694068 694068 694068 694068 569941 570002 565481 694068 694068 694068
7216 81881 102212 238757 124127 124066 129587
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 Unused


VT201 0-15 (ch1)
Entries 1.110509e+07
1
0
169457 439683 592982 499283 607451 685375 832 10254 11648 258 626701 678574 299879 363560 531210
524611 254385 111086 194785 6617 8693 683236 683814 682420 683810 694068 67367 15494 394189 330508 162858
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 1.110509e+07
1
0
694068 694068 694068 694068 694068 694068 694068 694068 694068
694068 694068 694068 694068 694068 694068 694068 694068
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