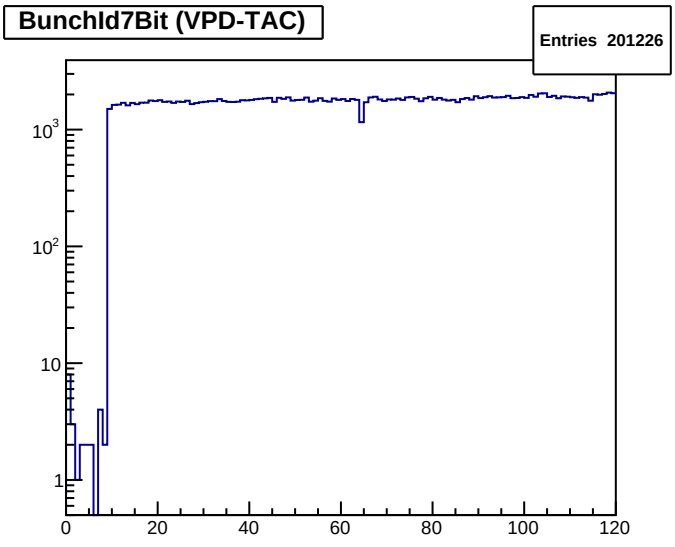
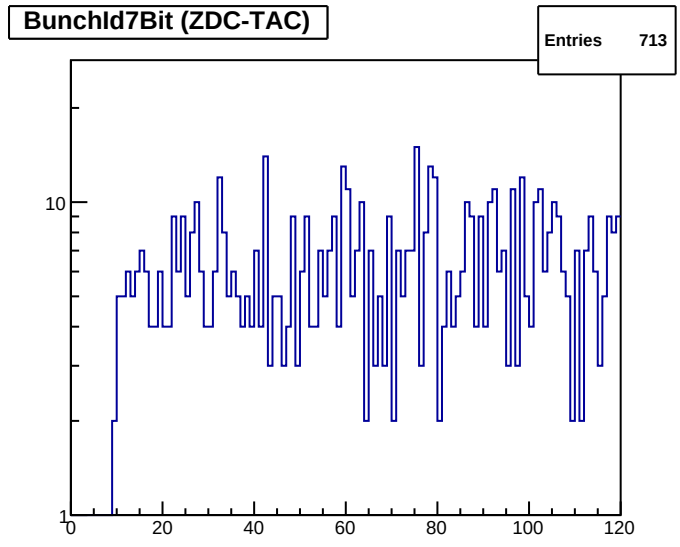
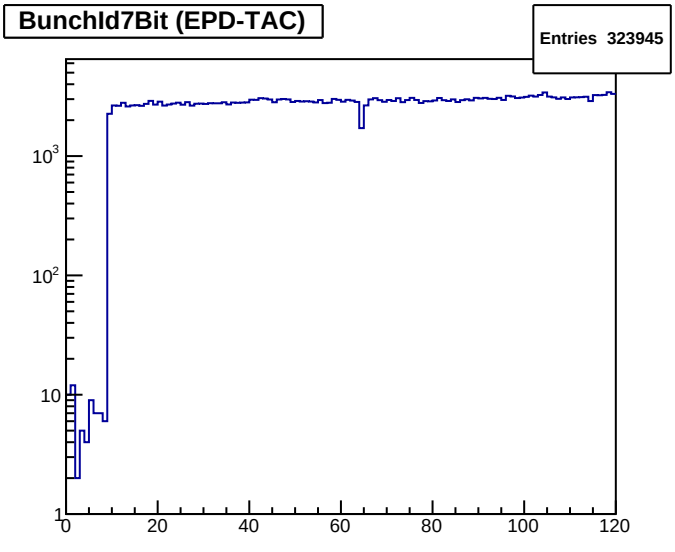
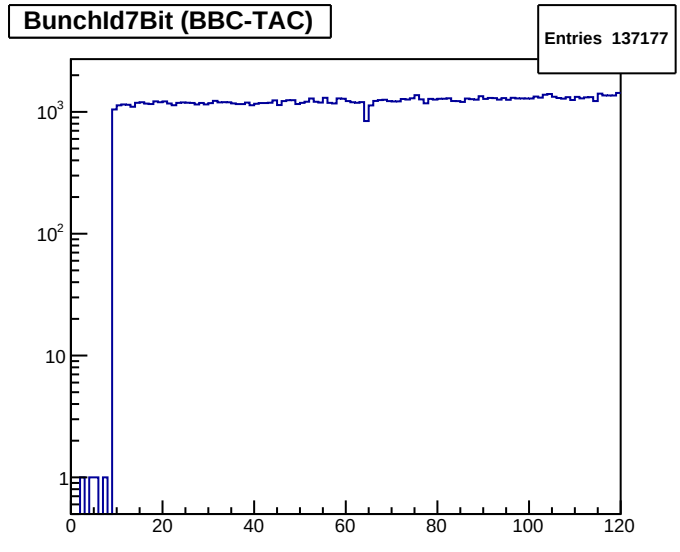
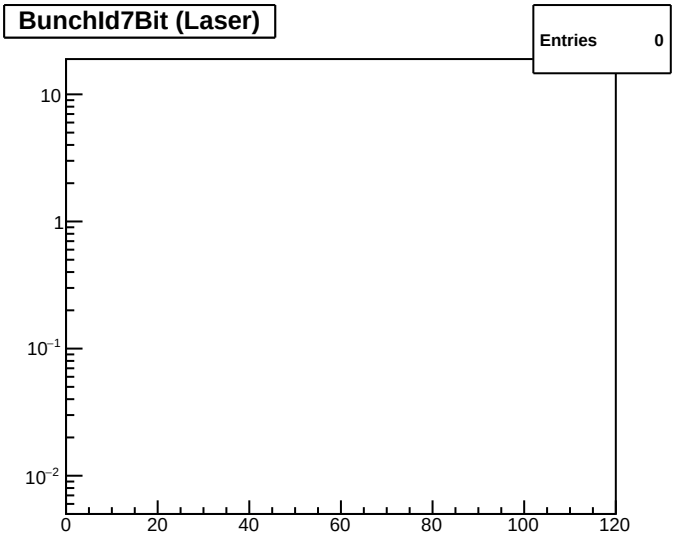
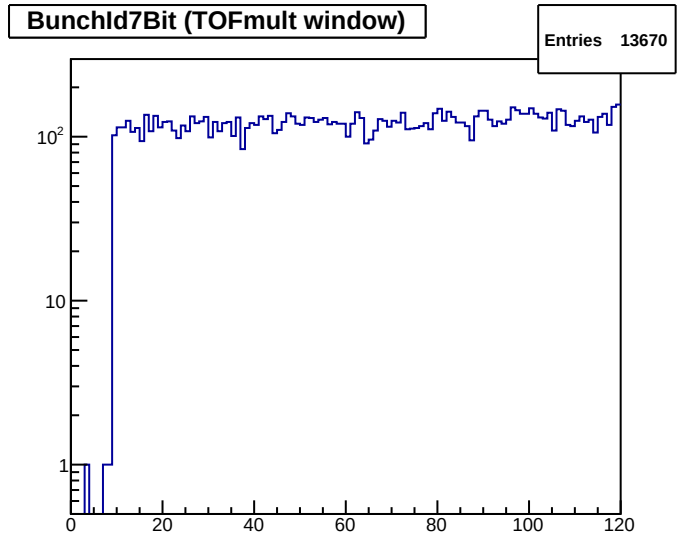

BunchId7Bit (VPD-TAC)
Entries 201226

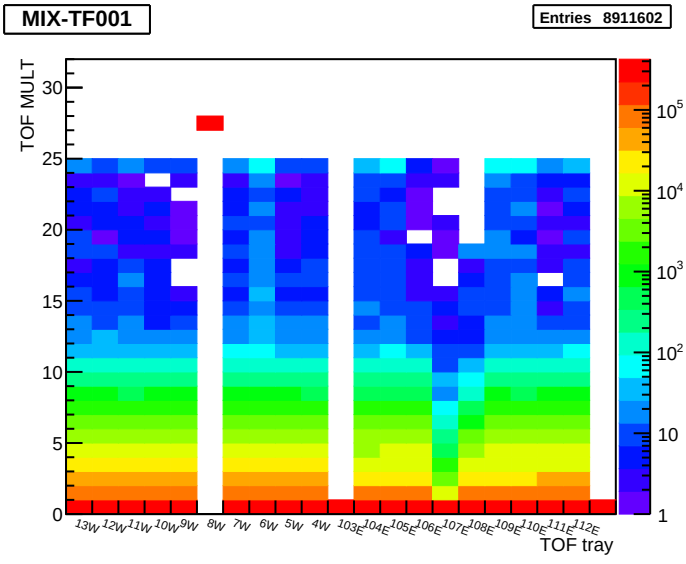

BunchId7Bit (ZDC-TAC)
Entries 713

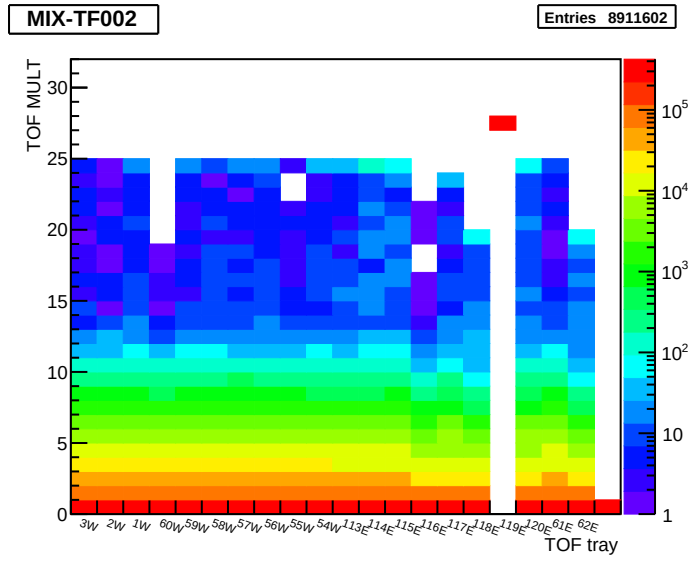

BunchId7Bit (EPD-TAC)
Entries 323945

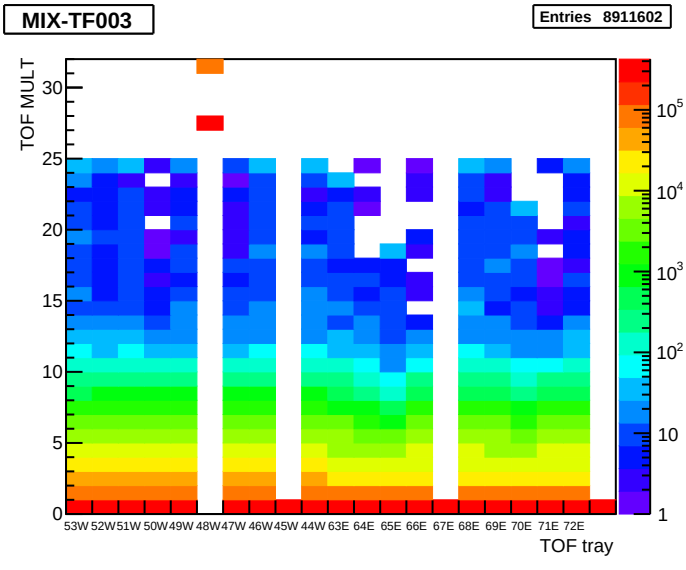

BunchId7Bit (BBC-TAC)
Entries 137177

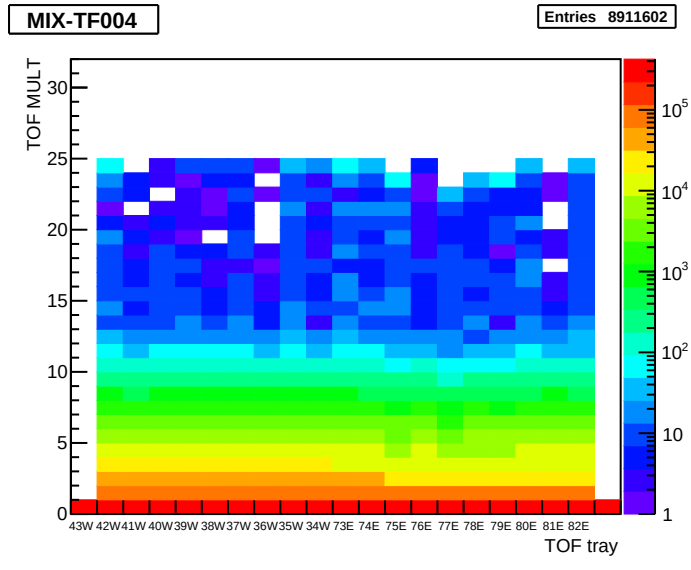

BunchId7Bit (Laser)
Entries 0

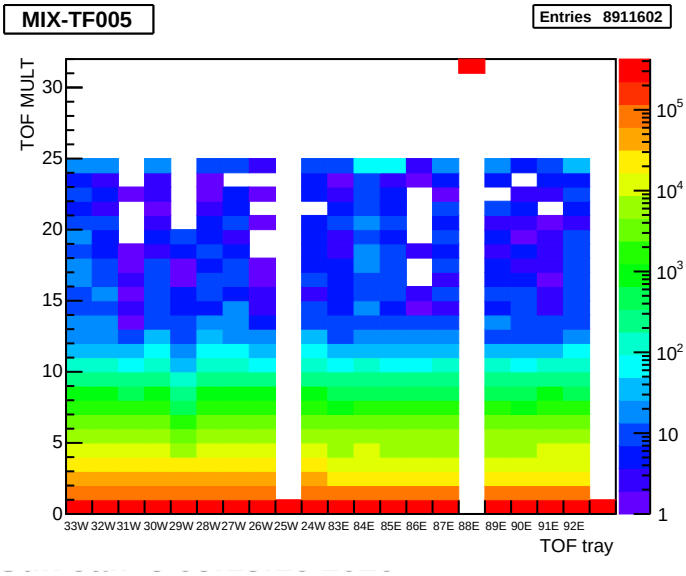

BunchId7Bit (TOFmult window)
Entries 13670

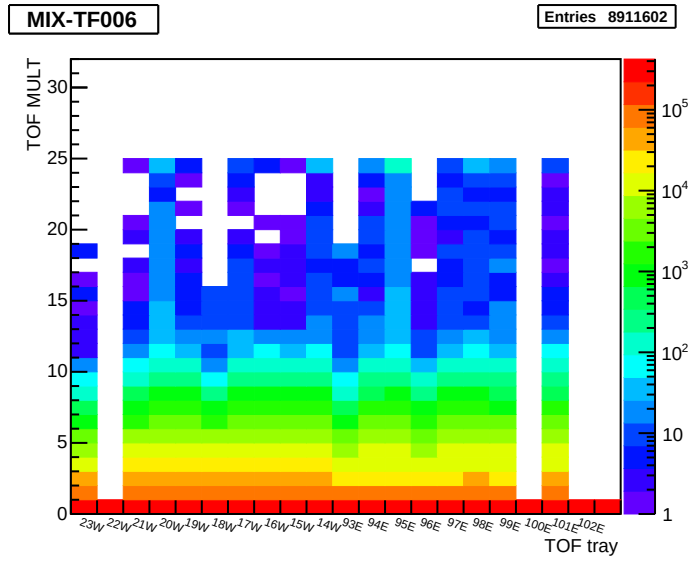

MIX-TF001
Entries 8911602
TOF MULT
TOF tray

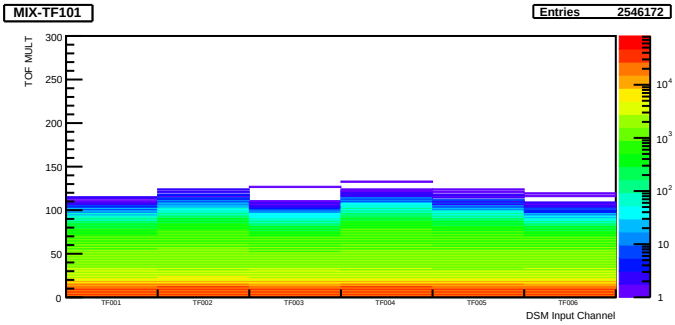

MIX-TF002
Entries 8911602
TOF MULT
TOF tray

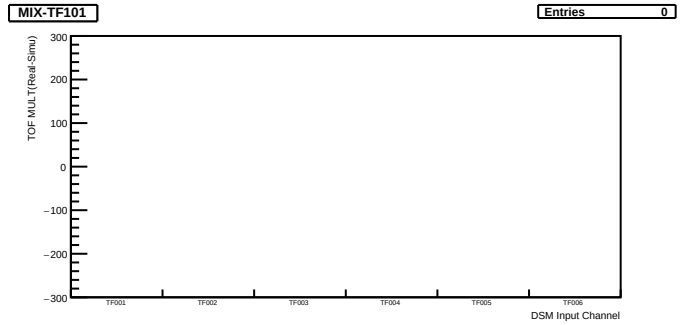

MIX-TF003
Entries 8911602
TOF MULT
TOF tray

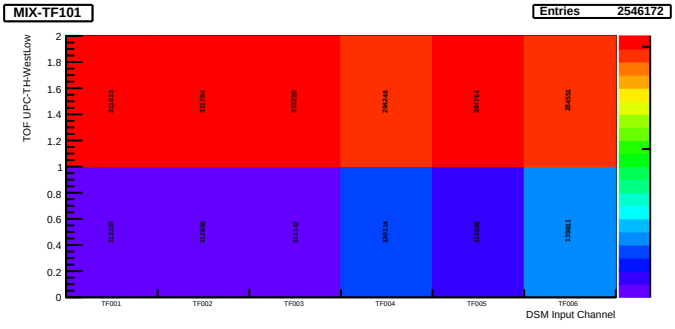

MIX-TF004
Entries 8911602
TOF MULT
TOF tray

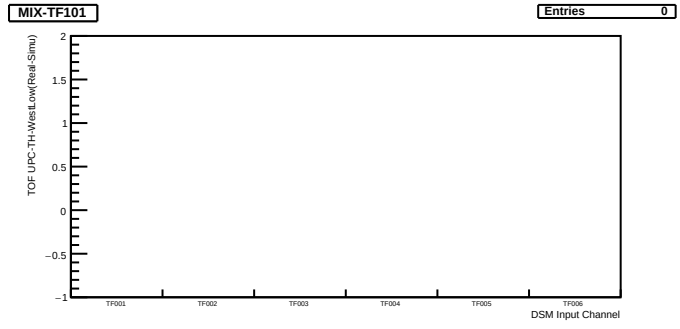

MIX-TF005
Entries 8911602
TOF MULT
TOF tray

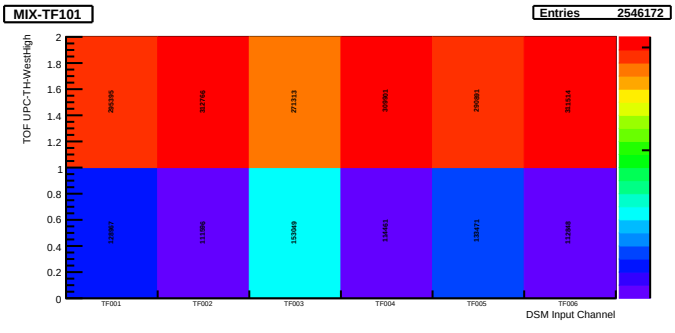

MIX-TF006
Entries 8911602
TOF MULT
TOF tray

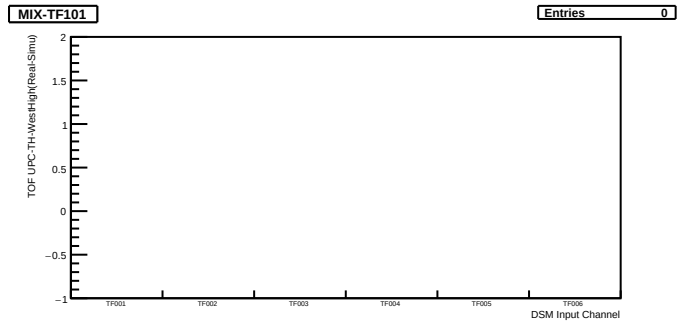

MIX-TF101
Entries 2546172
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

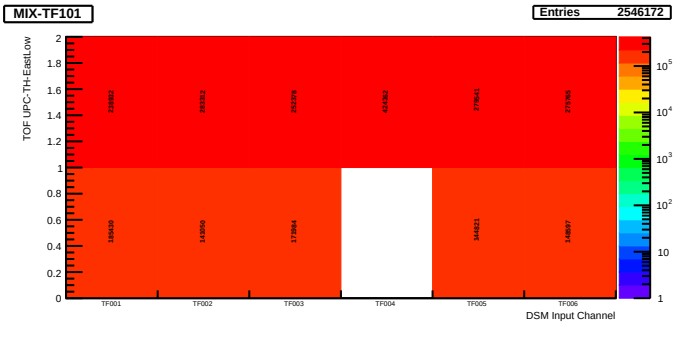

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

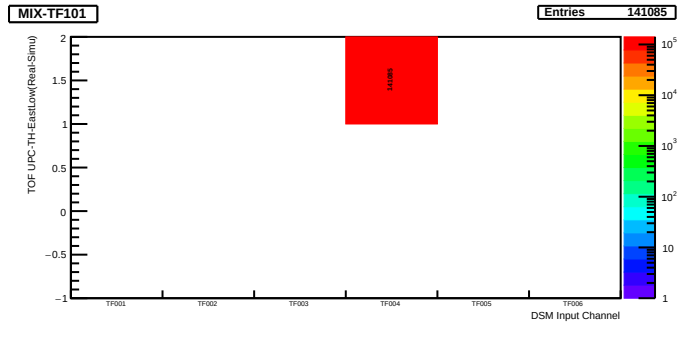

MIX-TF101
Entries 2546172
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

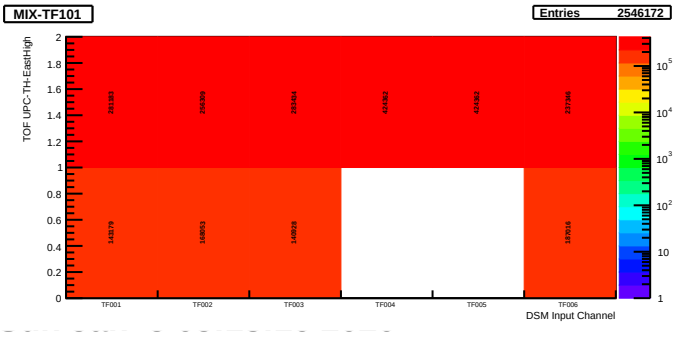

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

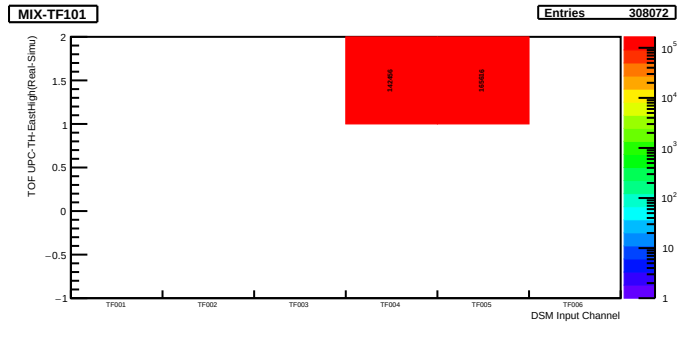

MIX-TF101
Entries 2546172
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

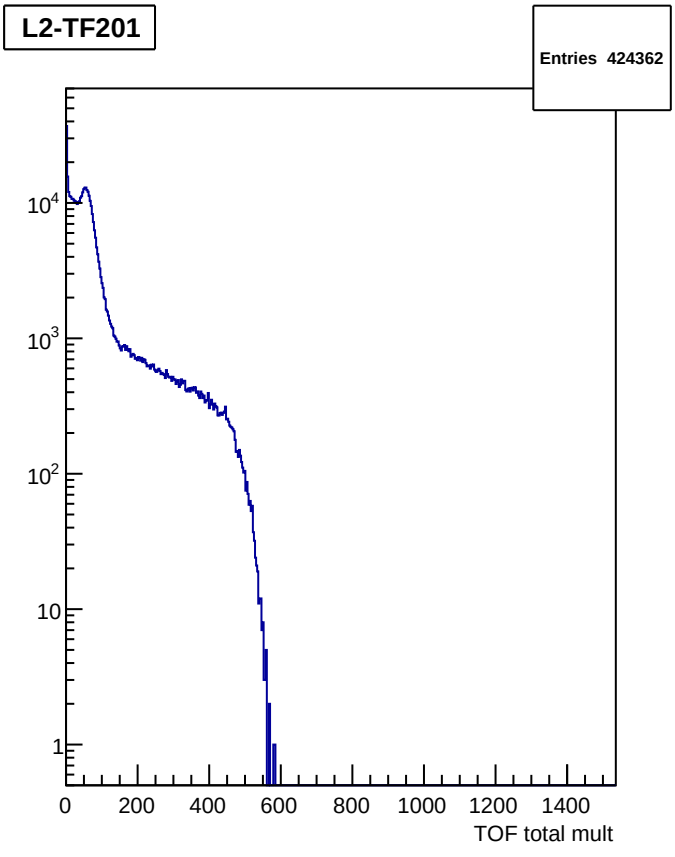

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

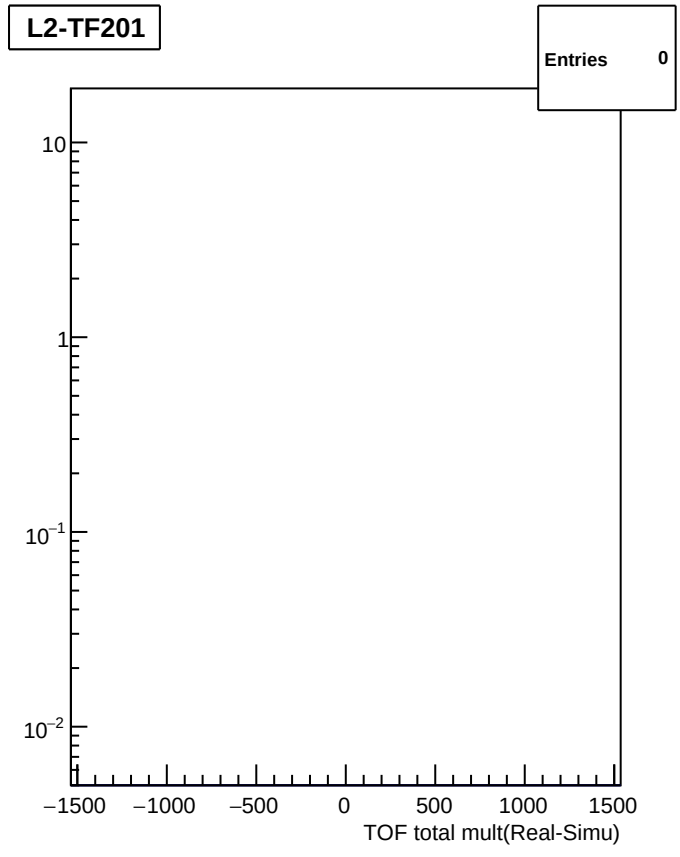

MIX-TF101
Entries 2546172
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

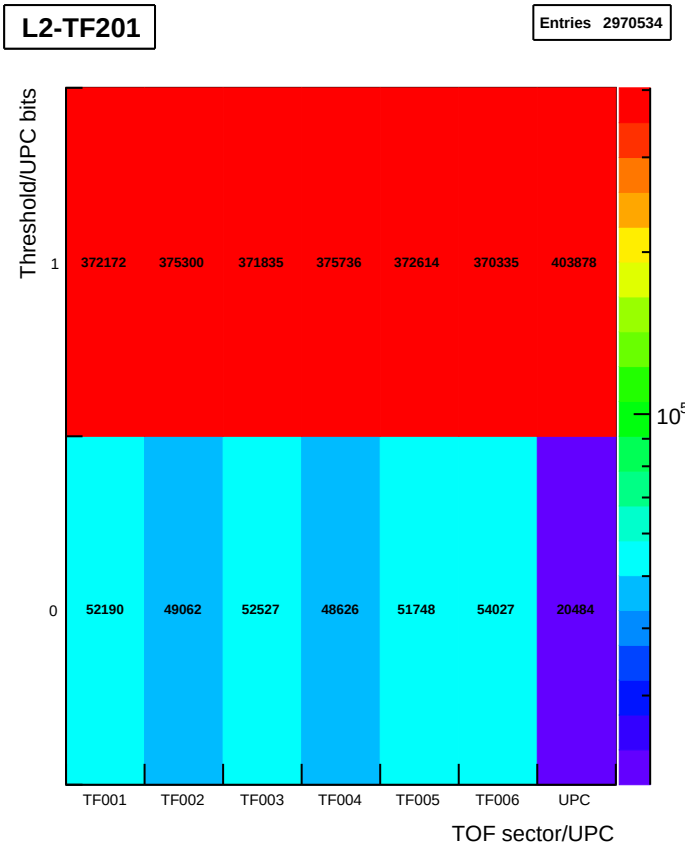

MIX-TF101
Entries 141085
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

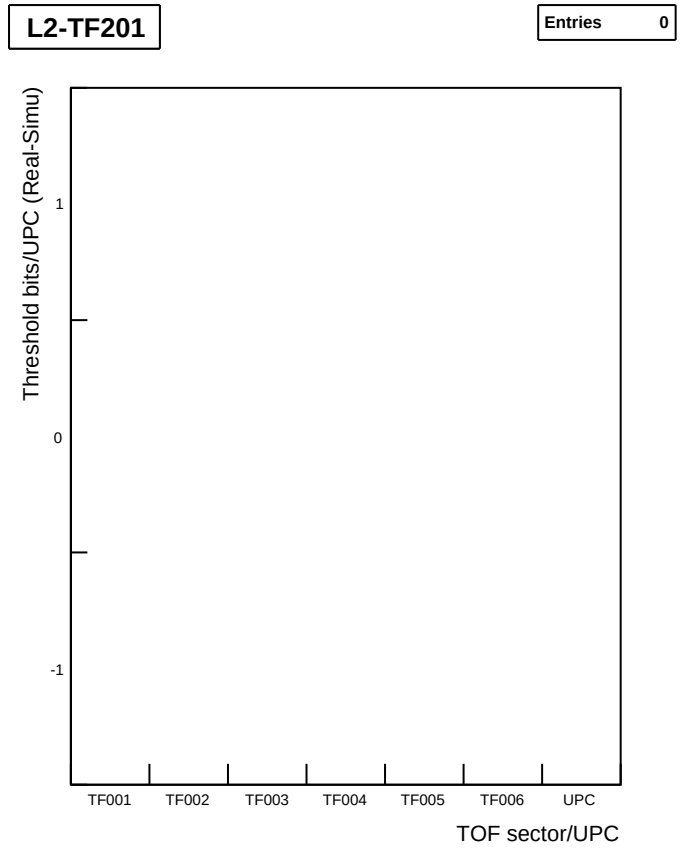

MIX-TF101
Entries 2546172
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

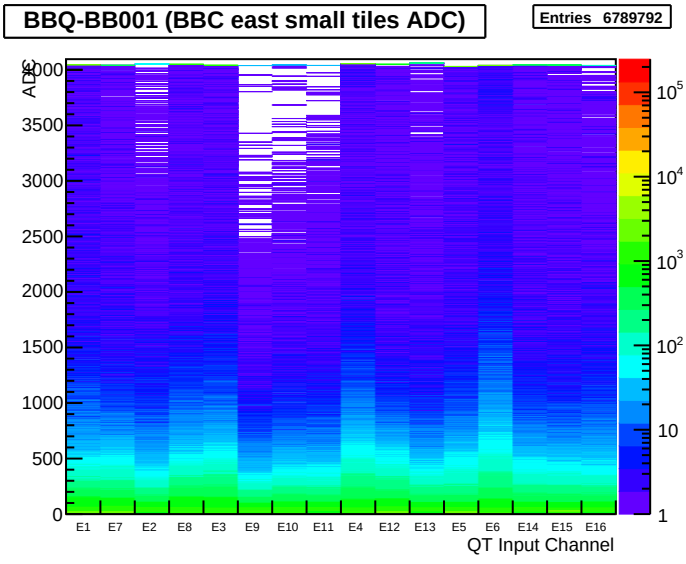

MIX-TF101
Entries 308072
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

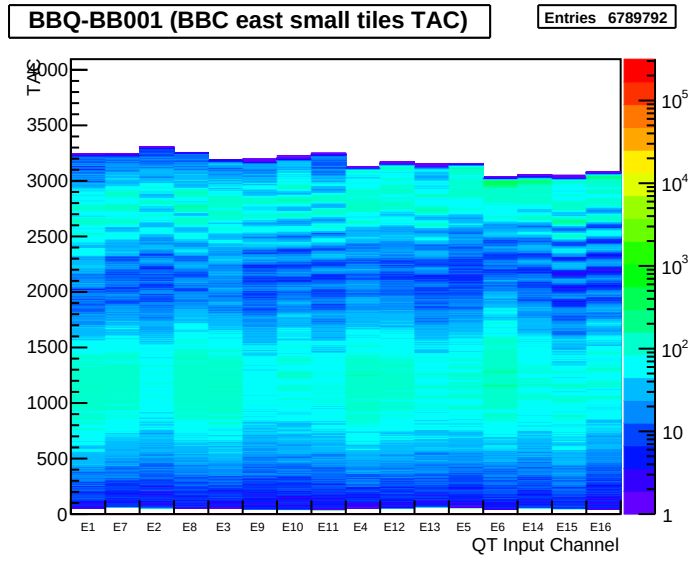

L2-TF201
Entries 424362
TOF total mult

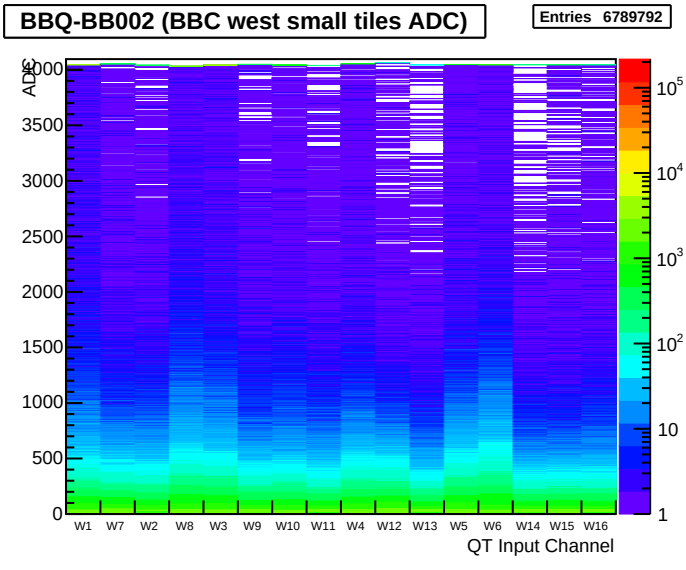

L2-TF201
Entries 0
TOF total mult(Real-Simu)

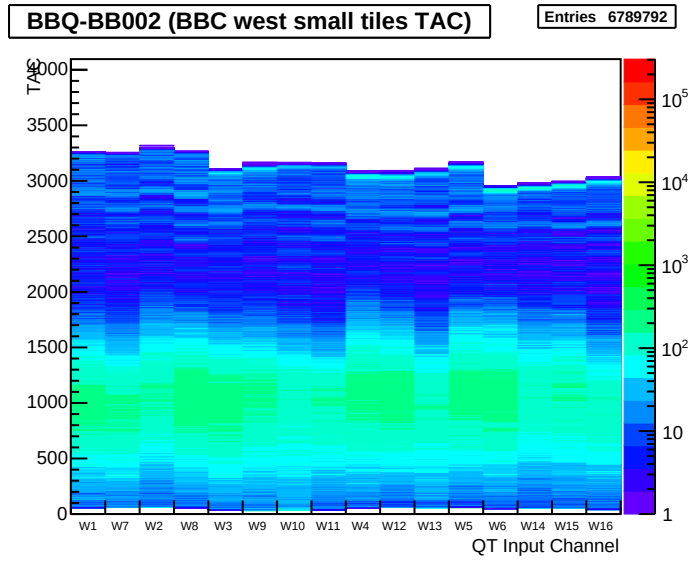

L2-TF201
Entries 2970534
Threshold/UPC bits
372172
375300
371835
375736
372614
370335
403878
52190
49062
52527
48626
51748
54027
20484
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

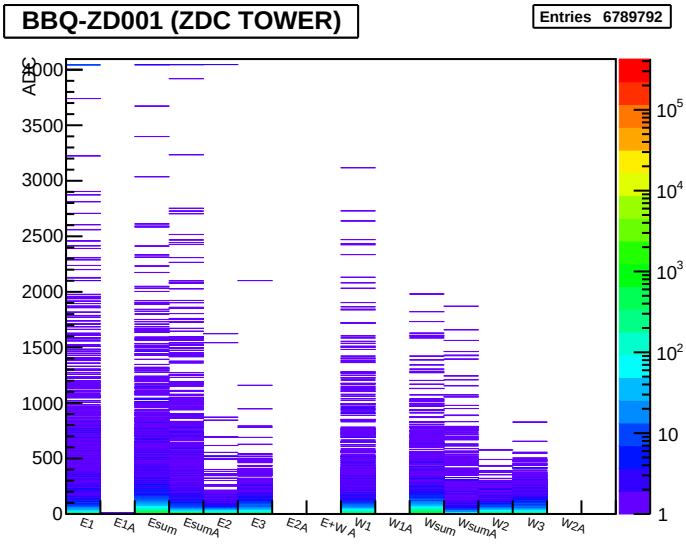

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

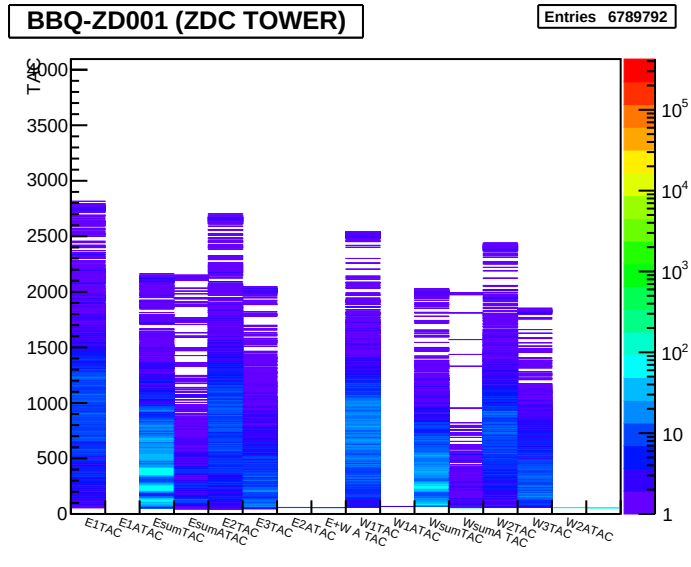

BBQ-BB001 (BBC east small tiles ADC)
Entries 6789792
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

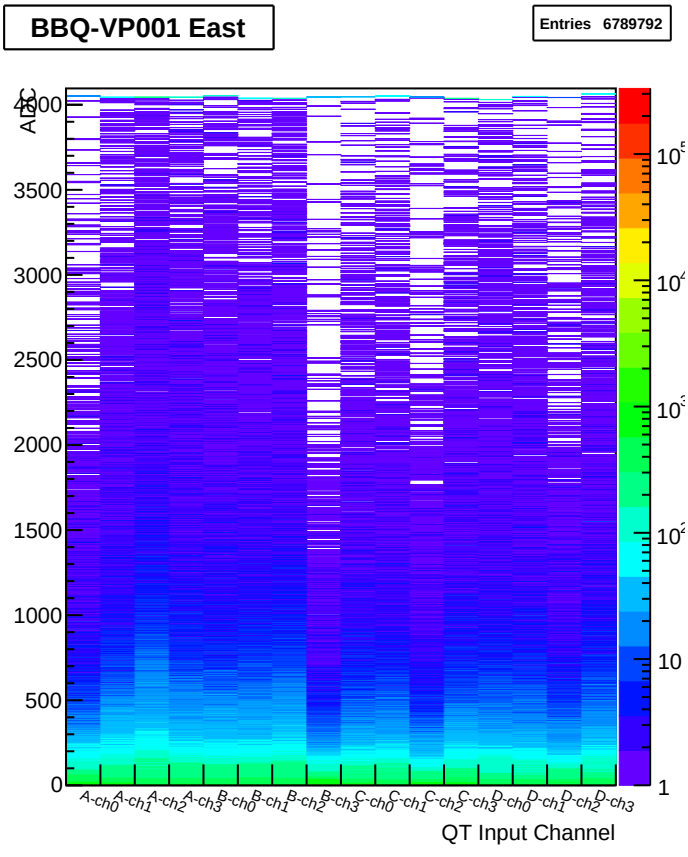

BBQ-BB001 (BBC east small tiles TAC)
Entries 6789792
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

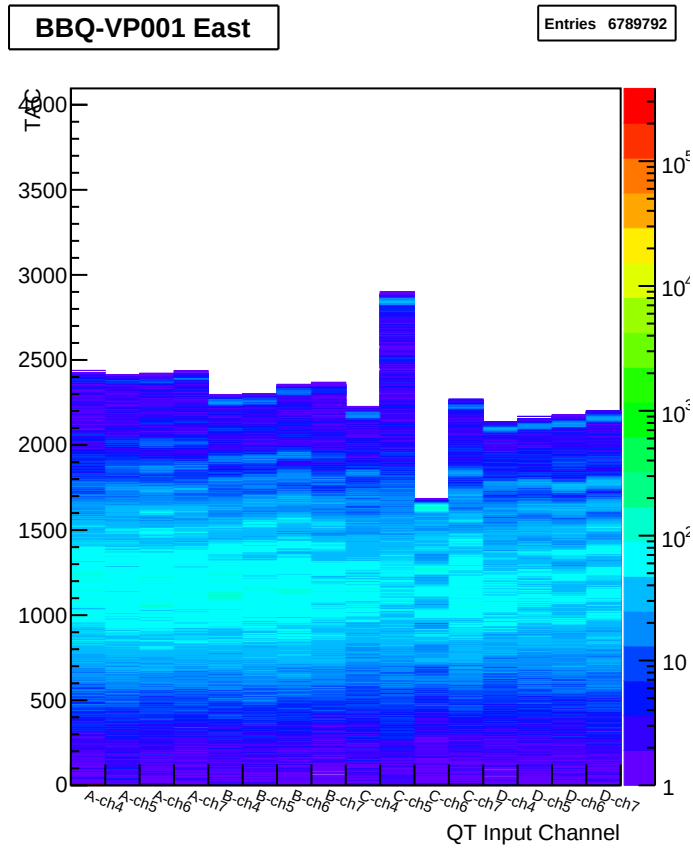

BBQ-BB002 (BBC west small tiles ADC)
Entries 6789792
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

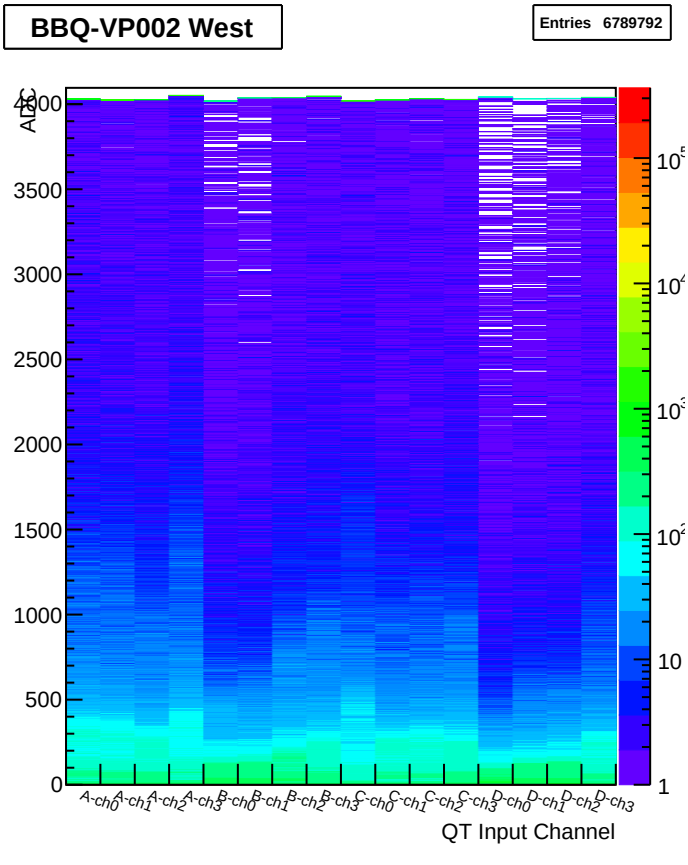

BBQ-BB002 (BBC west small tiles TAC)
Entries 6789792
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

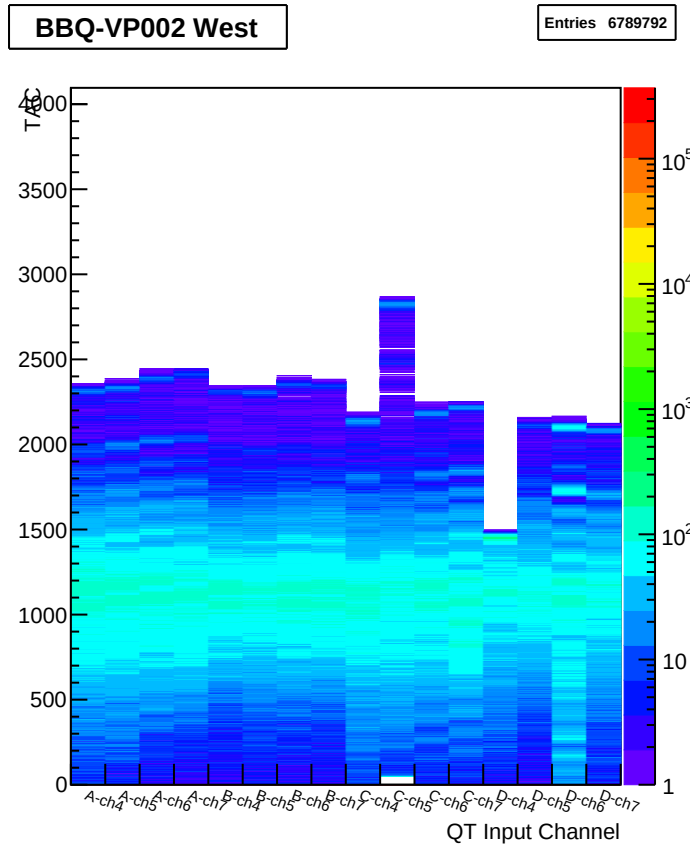

BBQ-ZD001 (ZDC TOWER)
Entries 6789792
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

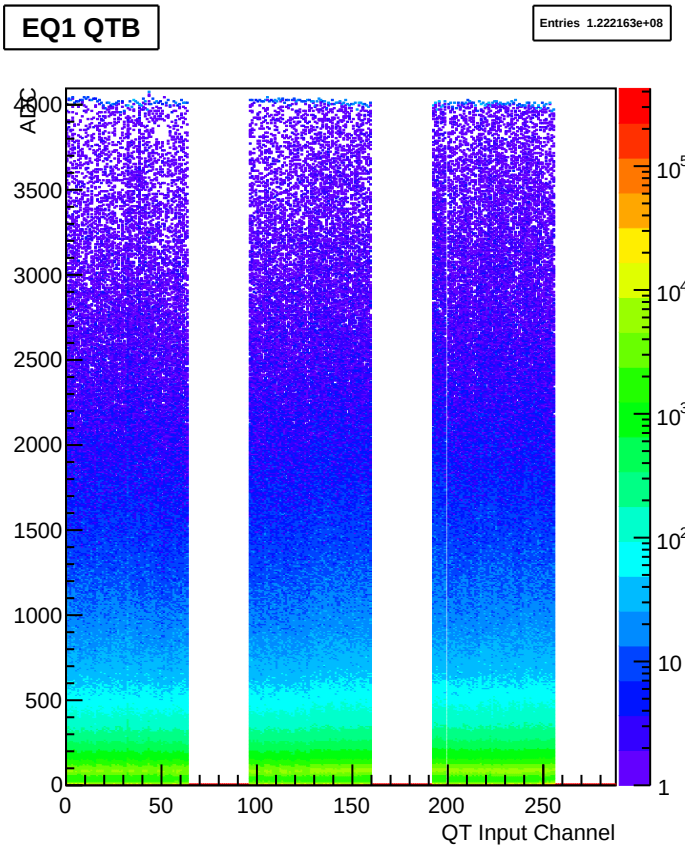

BBQ-ZD001 (ZDC TOWER)
Entries 6789792
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

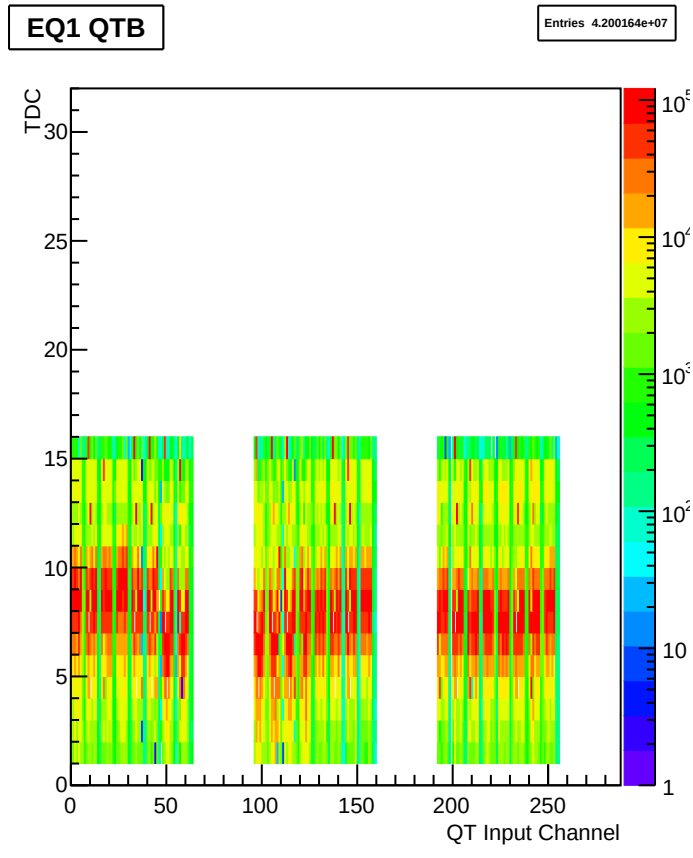

BBQ-VP001 East
Entries 6789792
ADC
QT Input Channel

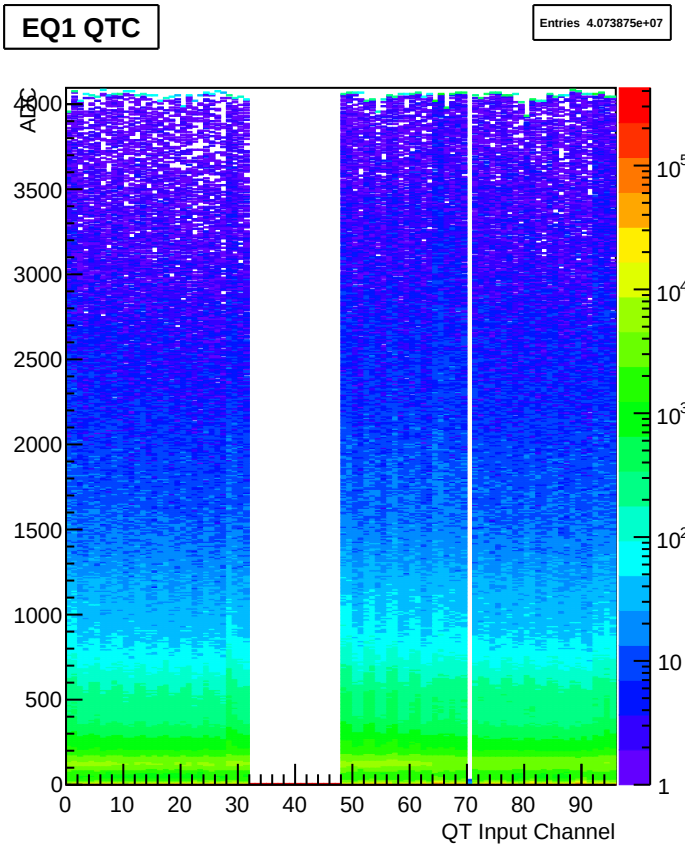

BBQ-VP001 East
Entries 6789792
TADC
QT Input Channel

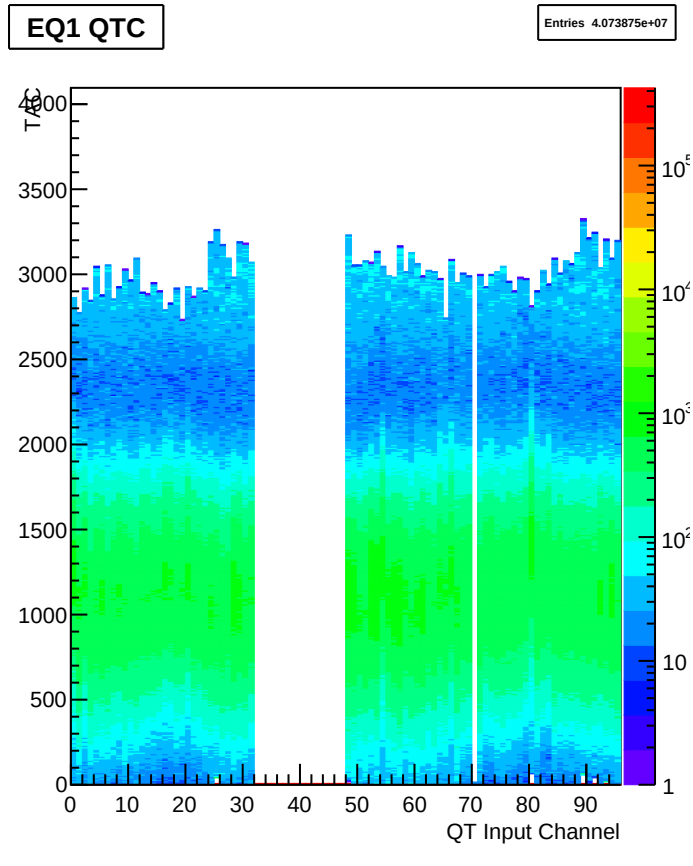

BBQ-VP002 West
Entries 6789792
ADC
QT Input Channel

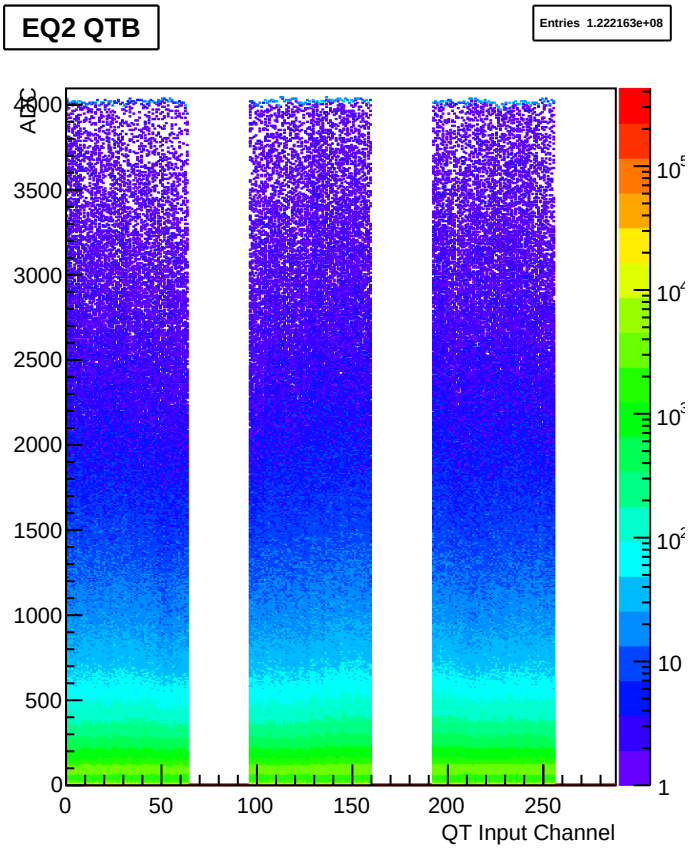

BBQ-VP002 West
Entries 6789792
TADC
QT Input Channel

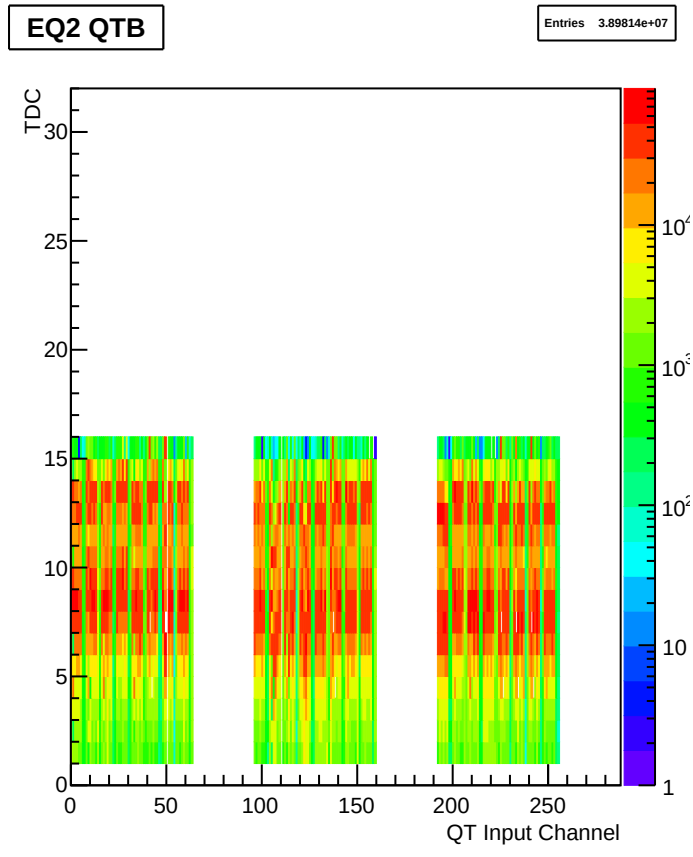

EQ1 QTB
Entries 1.222163e+08
ADC
QT Input Channel

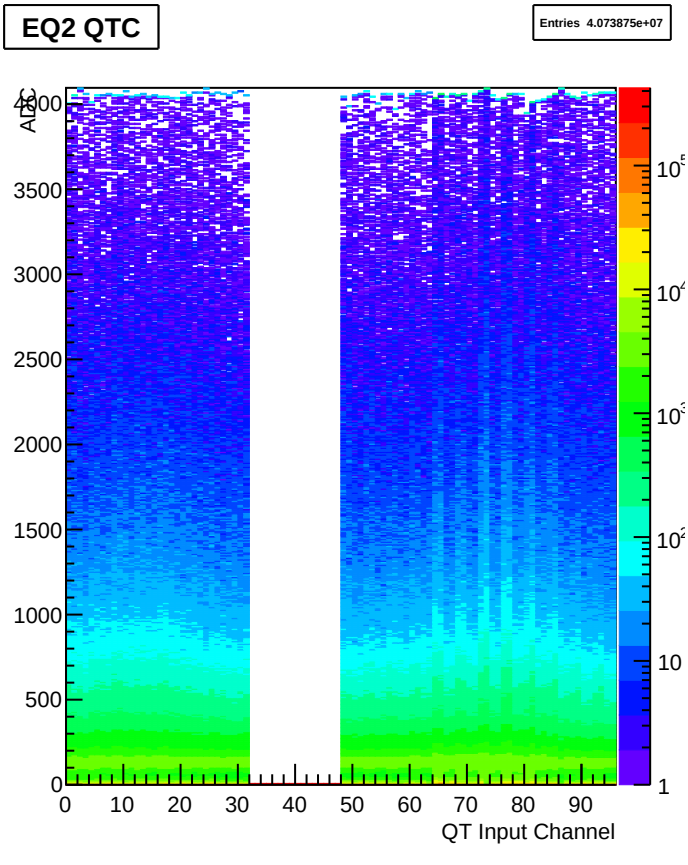

EQ1 QTB
Entries 4.200164e+07
TDC
QT Input Channel

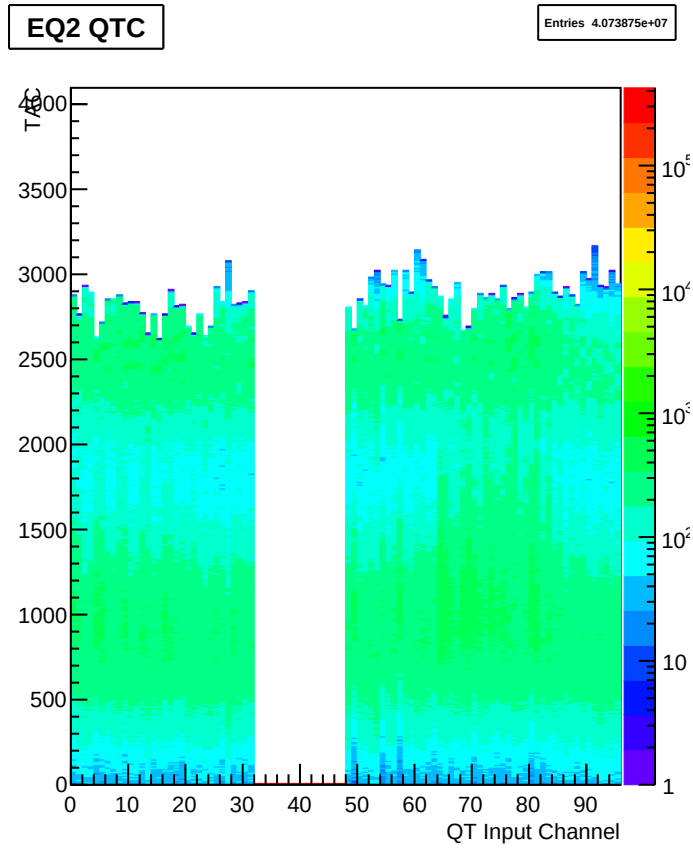

EQ1 QTC
Entries 4.073875e+07
ADC
QT Input Channel

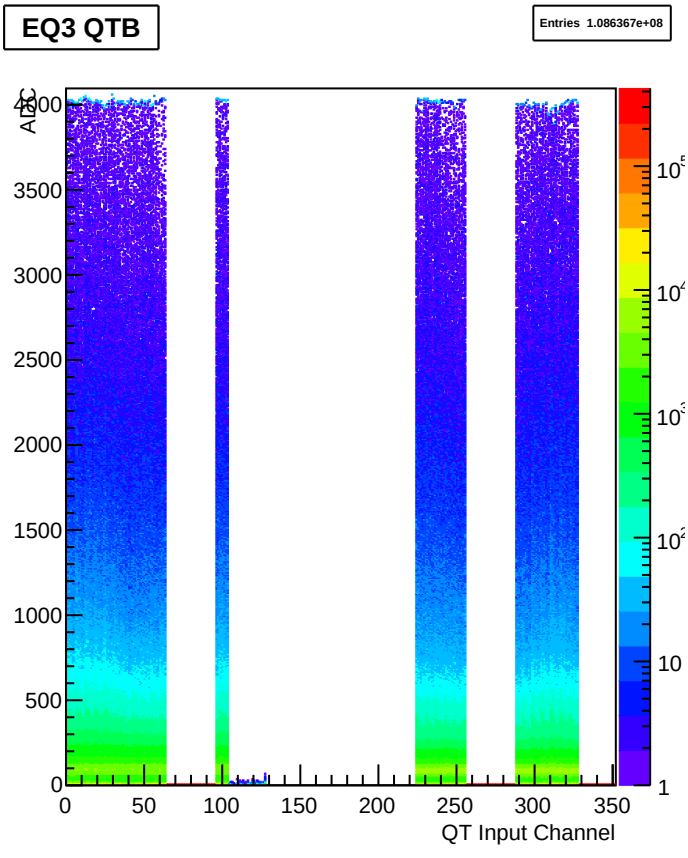

EQ1 QTC
Entries 4.073875e+07
TADC
QT Input Channel

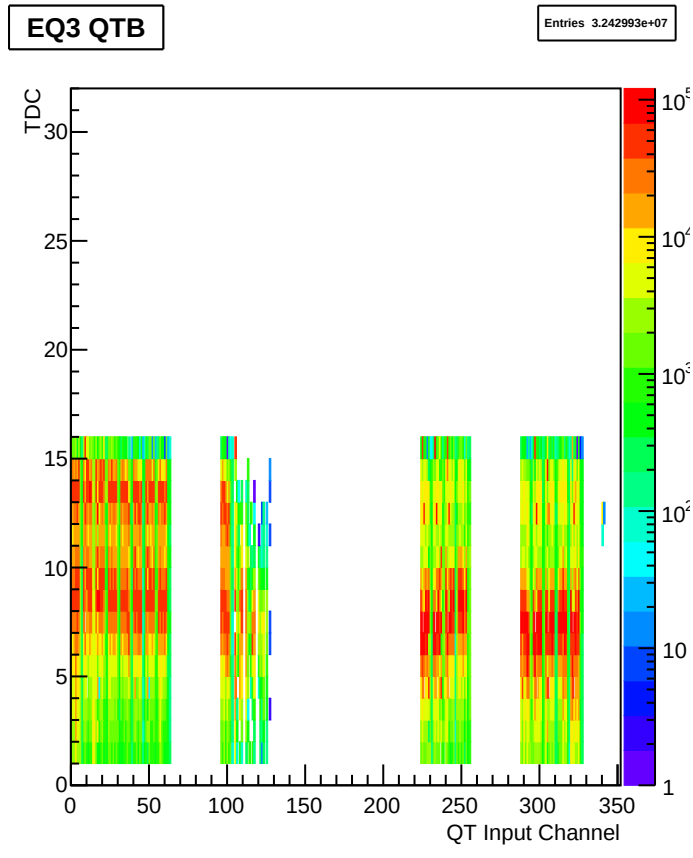

EQ2 QTB
Entries 1.222163e+08
ADC
QT Input Channel

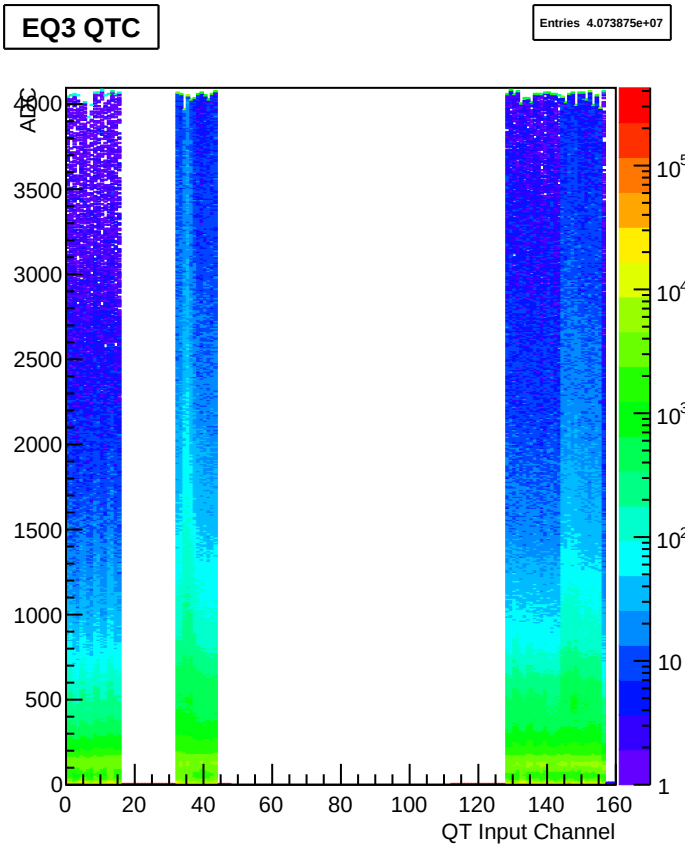

EQ2 QTB
Entries 3.89814e+07
TDC
QT Input Channel

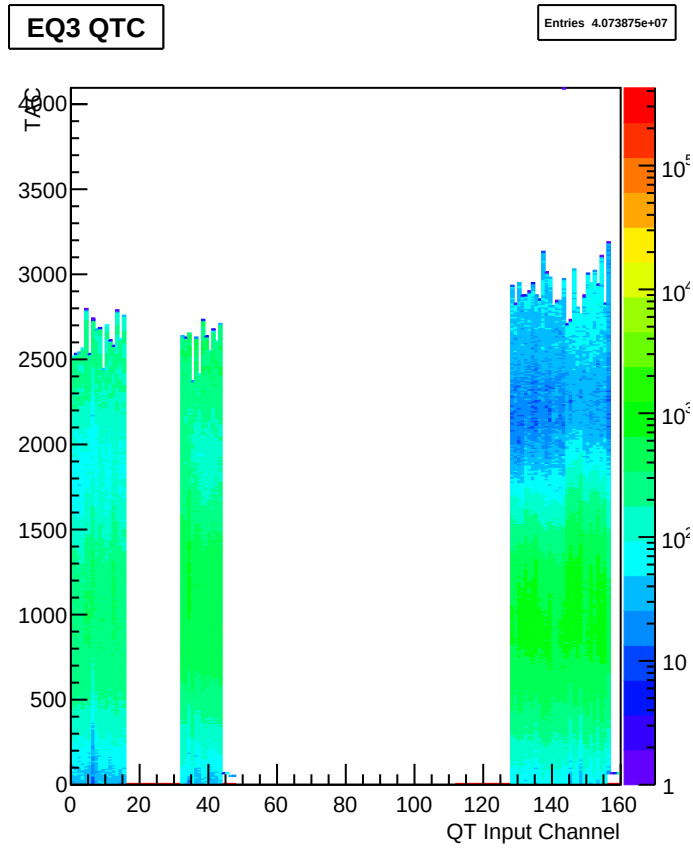

EQ2 QTC
Entries 4.073875e+07
ADC
QT Input Channel

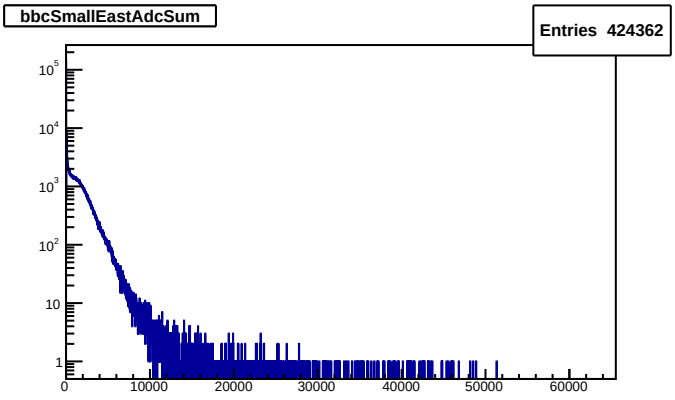

EQ2 QTC
Entries 4.073875e+07
TADC
QT Input Channel

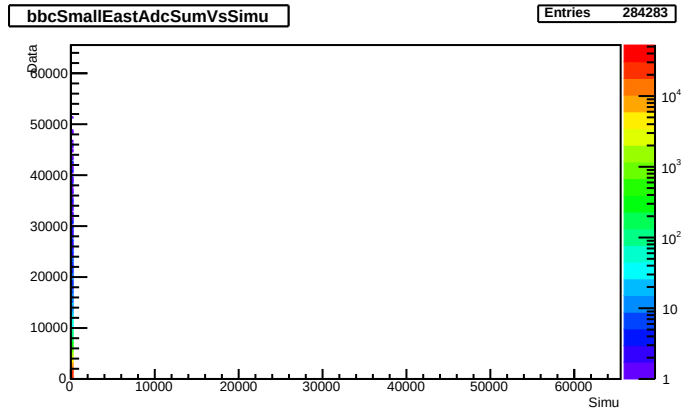

EQ3 QTB
Entries 1.086367e+08
ADC
QT Input Channel

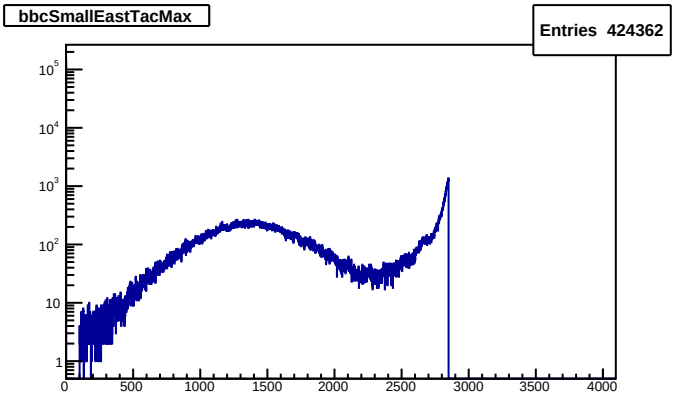

EQ3 QTB
Entries 3.242993e+07
TDC
QT Input Channel

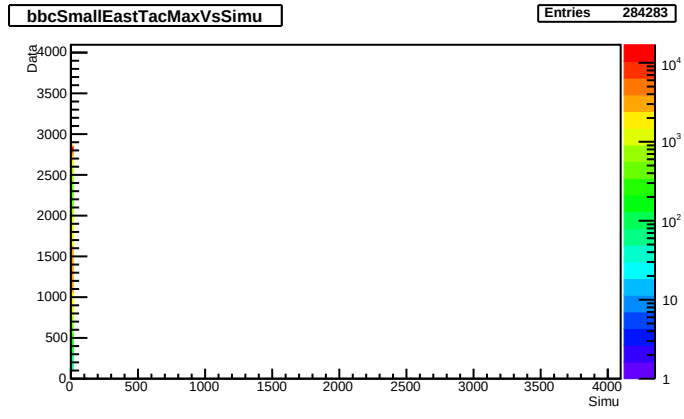

EQ3 QTC
Entries 4.073875e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.073875e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 424362


bbcSmallEastAdcSumVsSimu
Entries 284283
Data
Simu


bbcSmallEastTacMax
Entries 424362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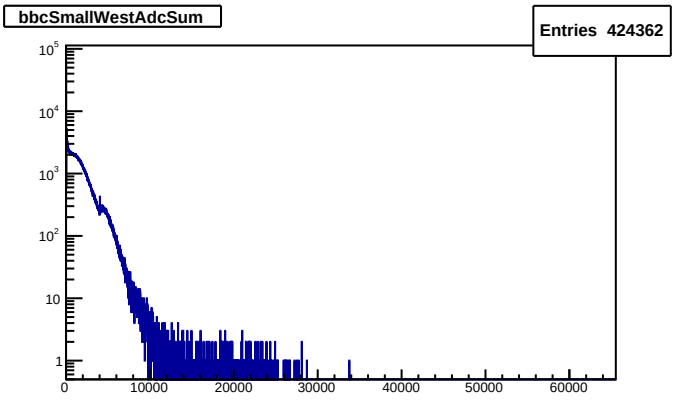
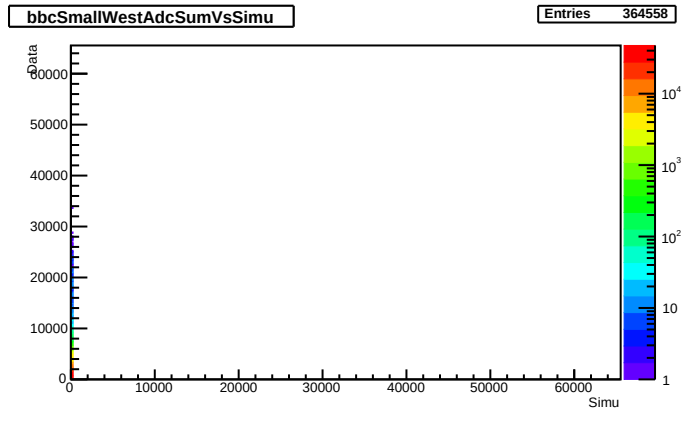
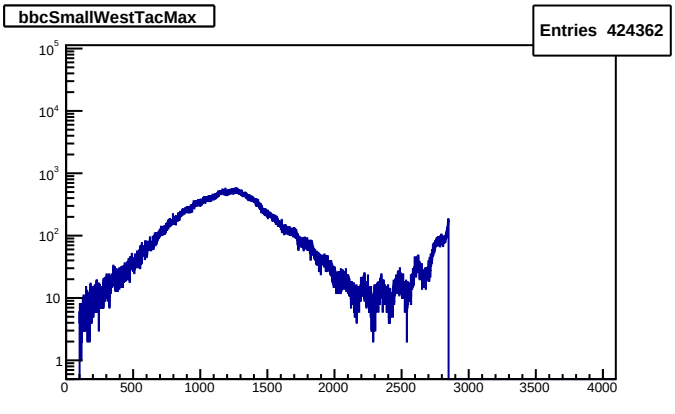
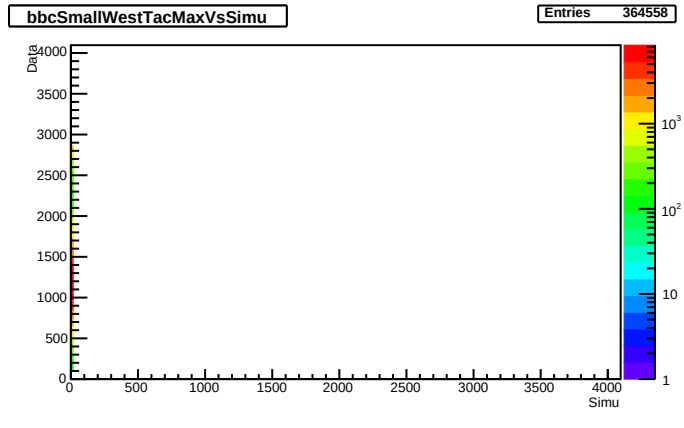
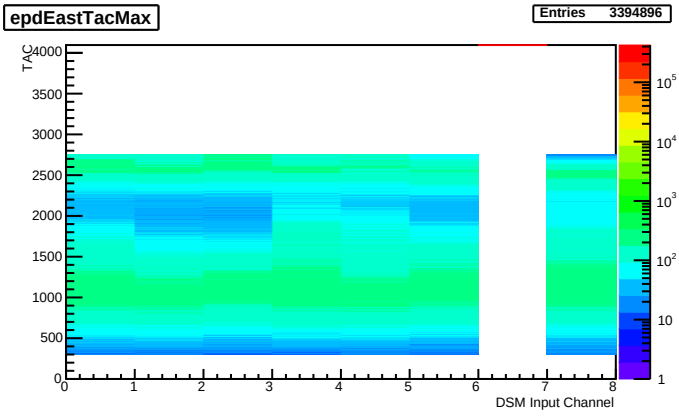
Entries 284283
Data
Simu

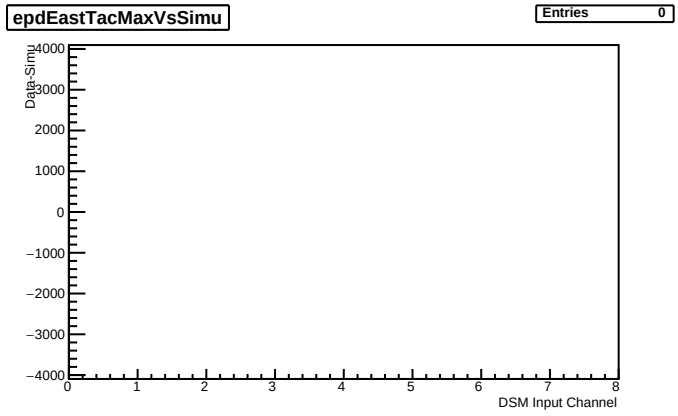

bbcSmallWestAdcSum
Entries 424362


bbcSmallWestAdcSumVsSimu
Entries 364558
Data
Simu


bbcSmallWestTacMax
Entries 424362


bbcSmallWestTacMaxVsSimu
Entries 364558
Data
Simu


epdEastTacMax
Entries 3394896
TAC
DSM Input Channel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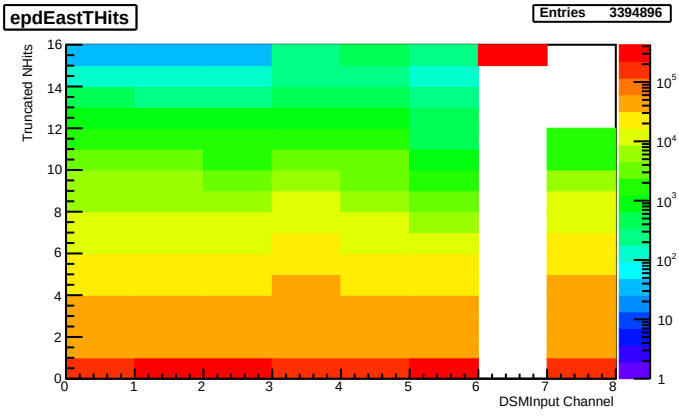
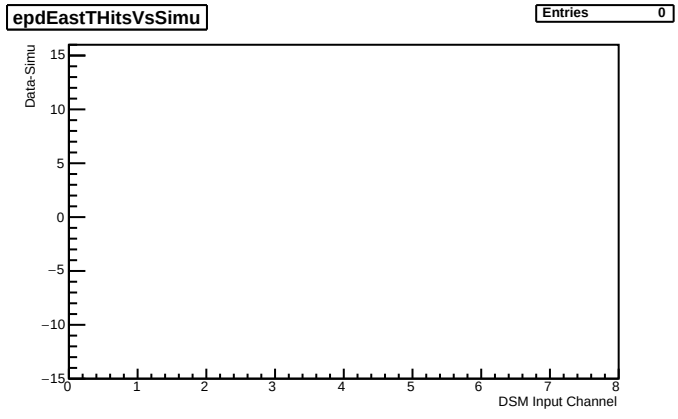
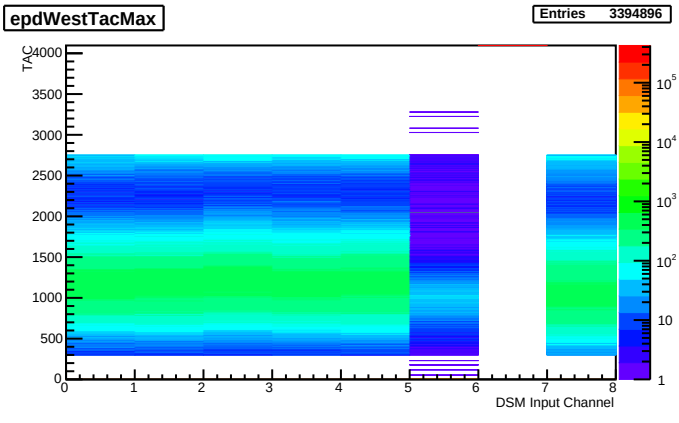
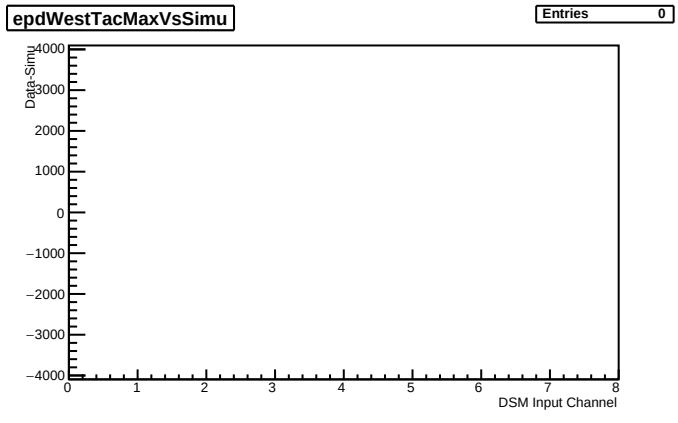
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3394896
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3394896
TAC
DSM Input Channel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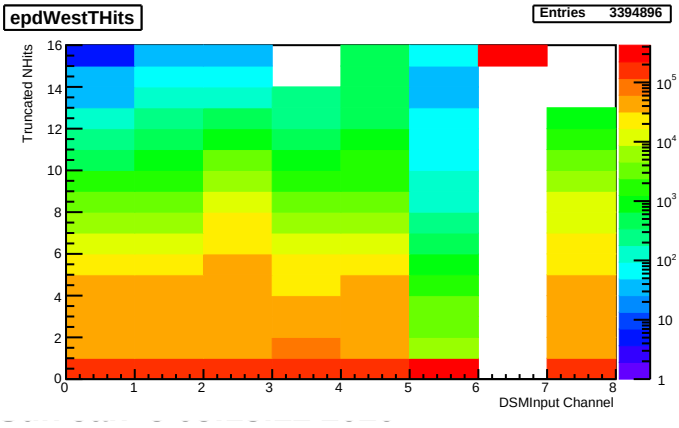
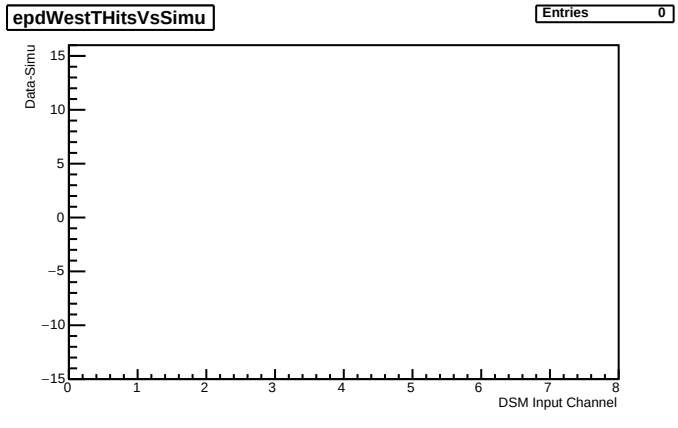
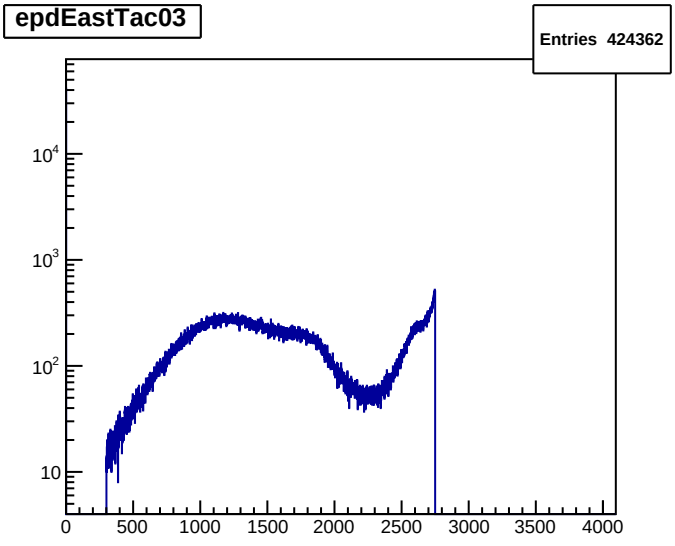
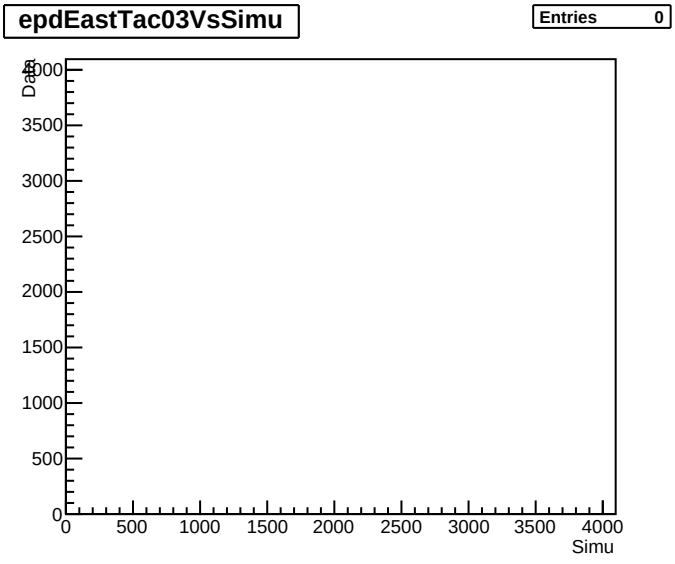
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3394896
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 424362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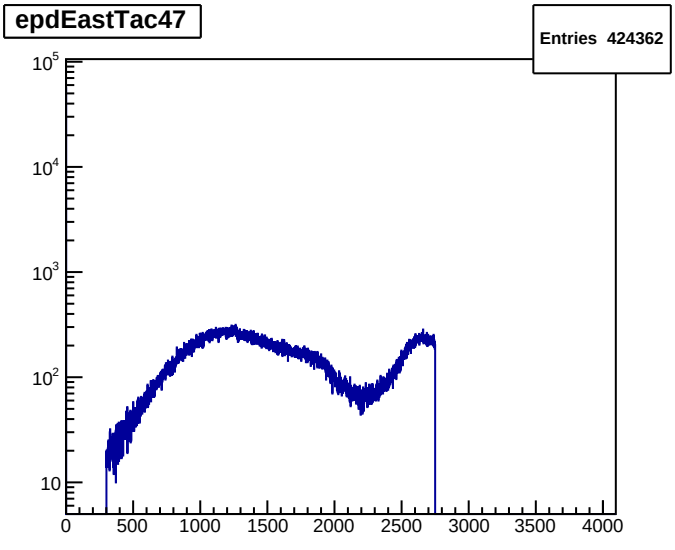
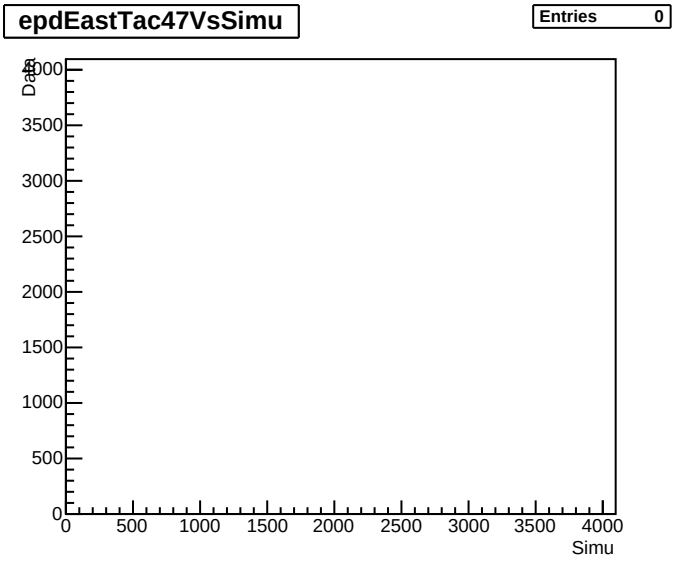
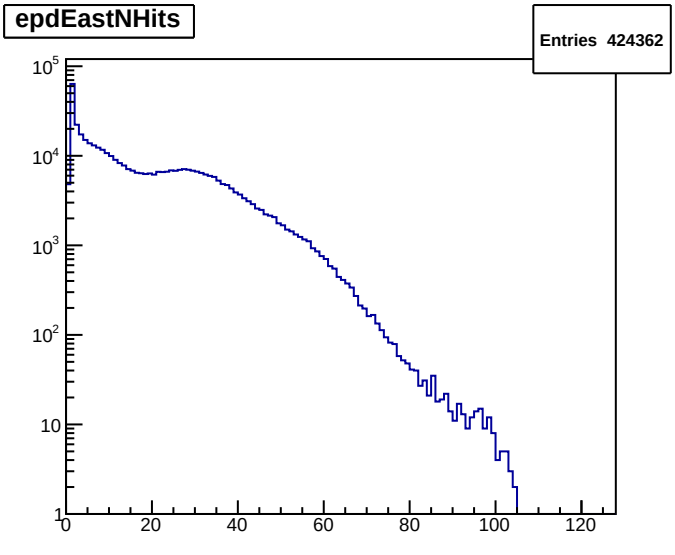
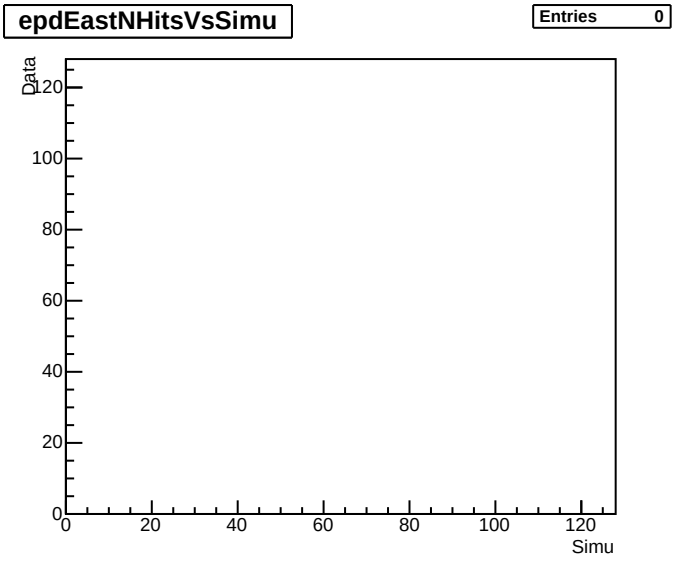
Entries 0
Data
Simu


epdEastTac47
Entries 424362


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 424362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Entries 0
Data
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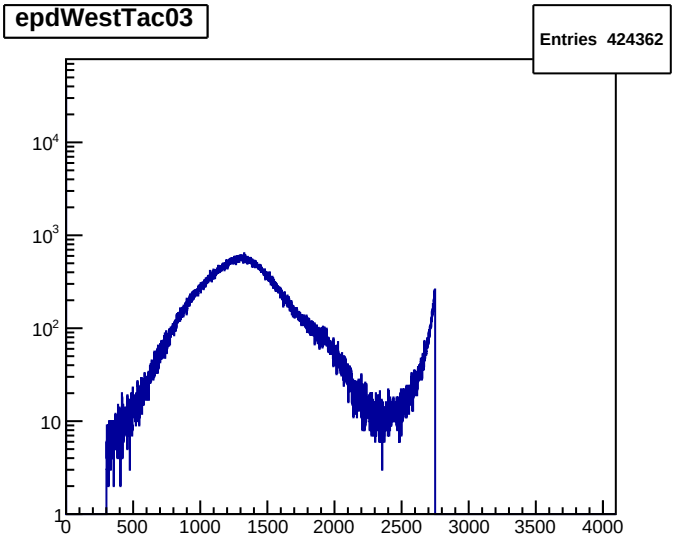
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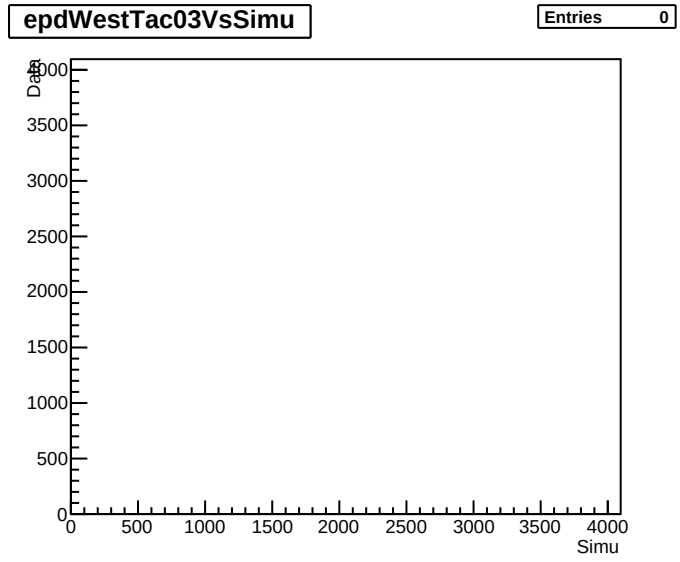
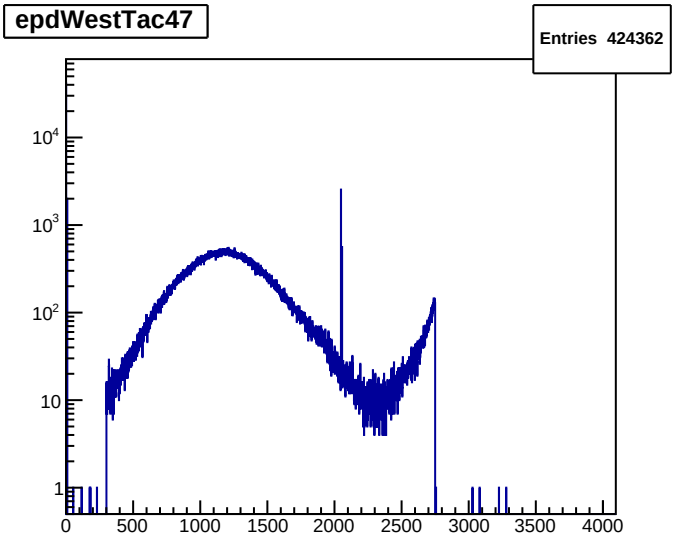

epdWestTac03VsSimu
Entries 0
Data
Simu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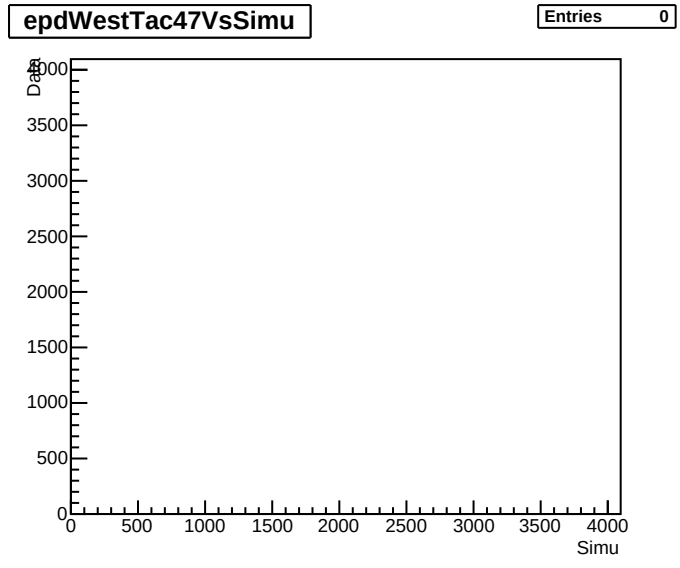
Entries 424362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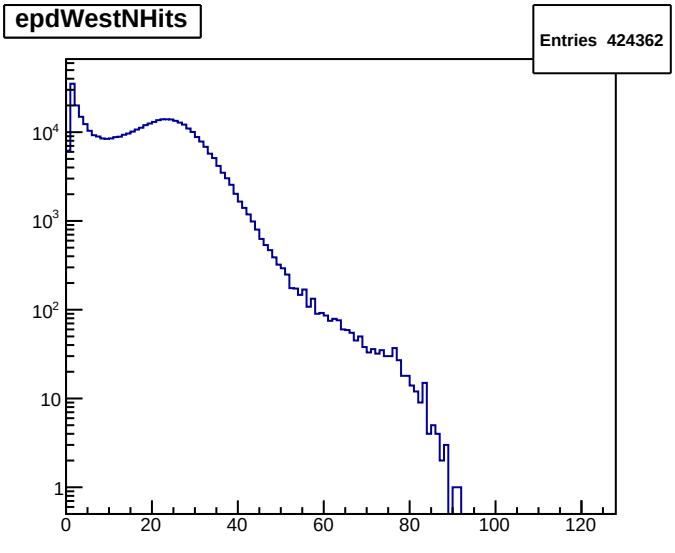
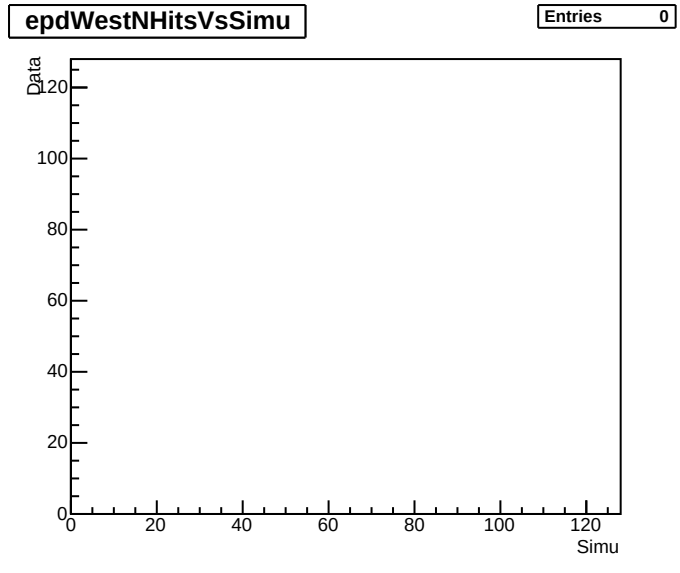
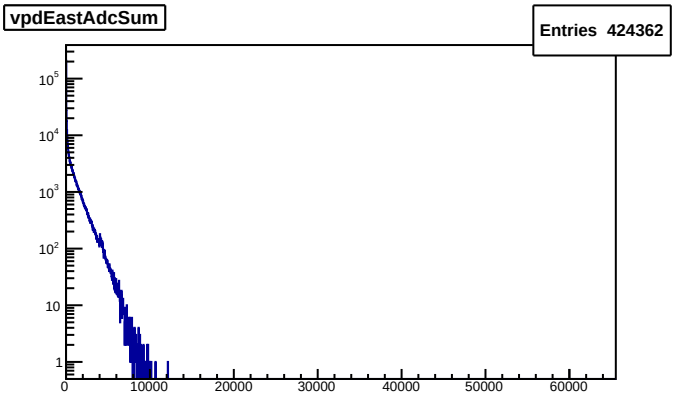
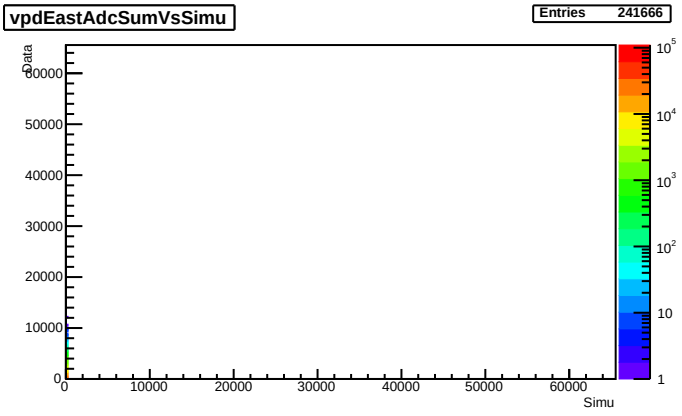
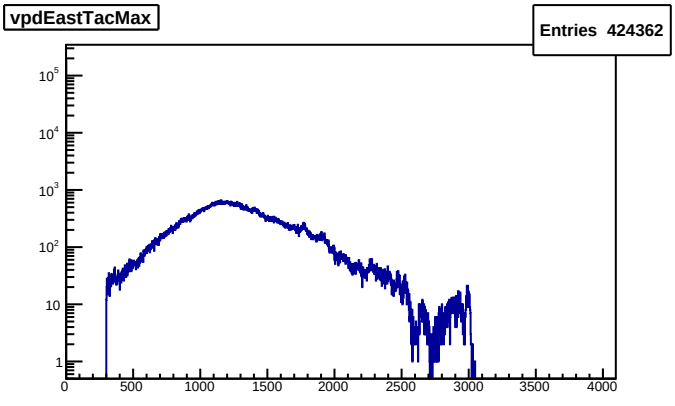
Entries 0
Data
Simu

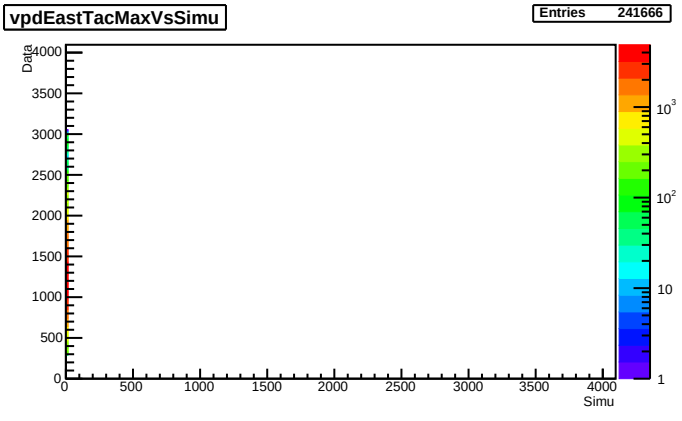

epdWestNHits
Entries 424362

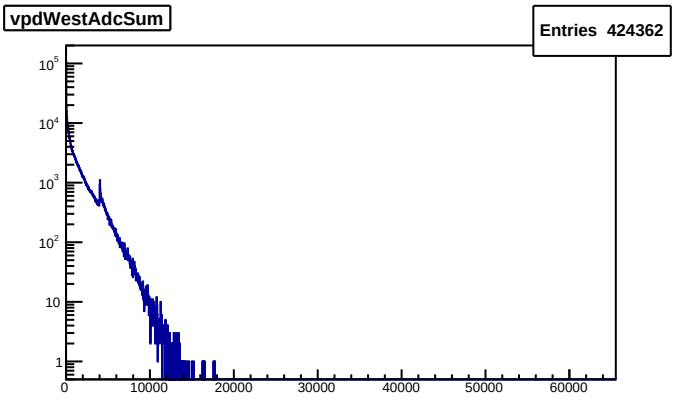

epdWestNHitsVsSimu
Entries 0
Data
Simu

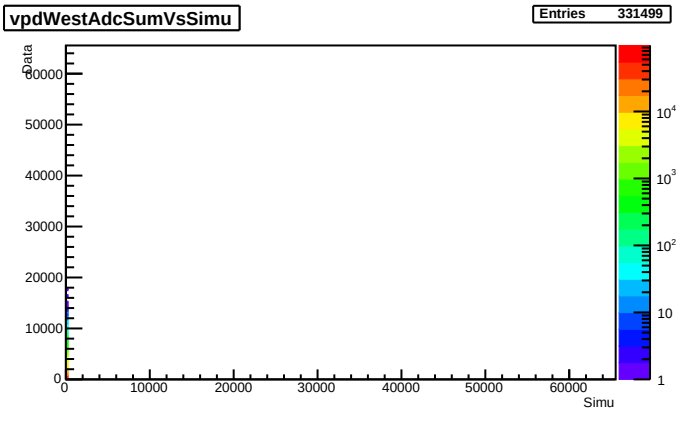

vpdEastAdcSum
Entries 424362

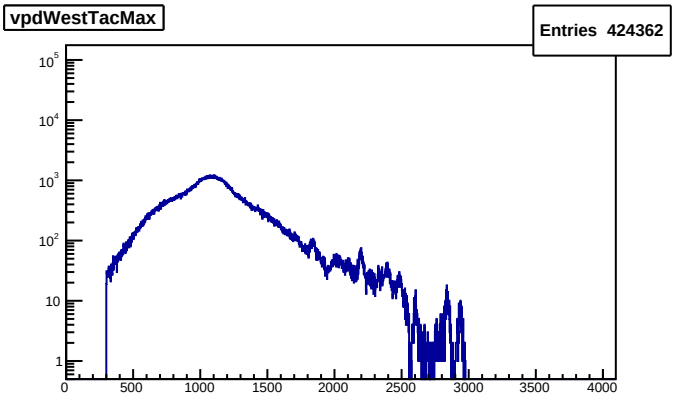

vpdEastAdcSumVsSimu
Entries 241666
Data
Simu

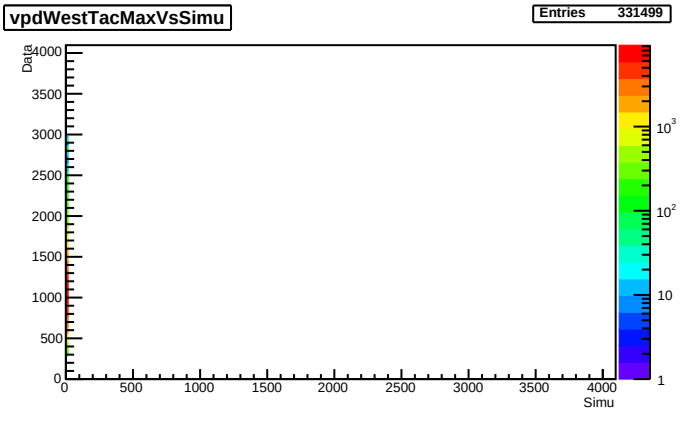

vpdEastTacMax
Entries 424362

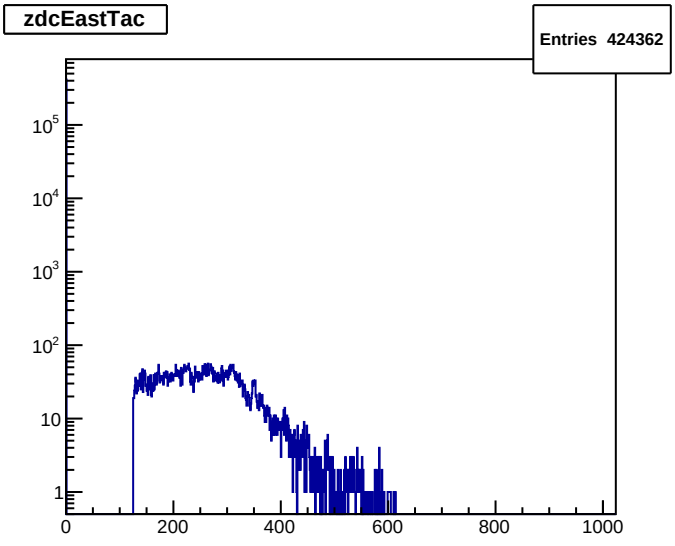

vpdEastTacMaxVsSimu
Entries 241666
Data
Simu

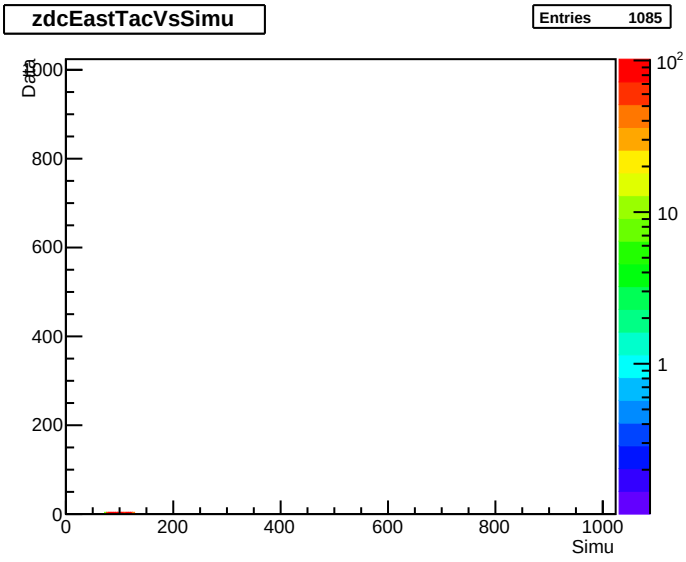

vpdWestAdcSum
Entries 424362

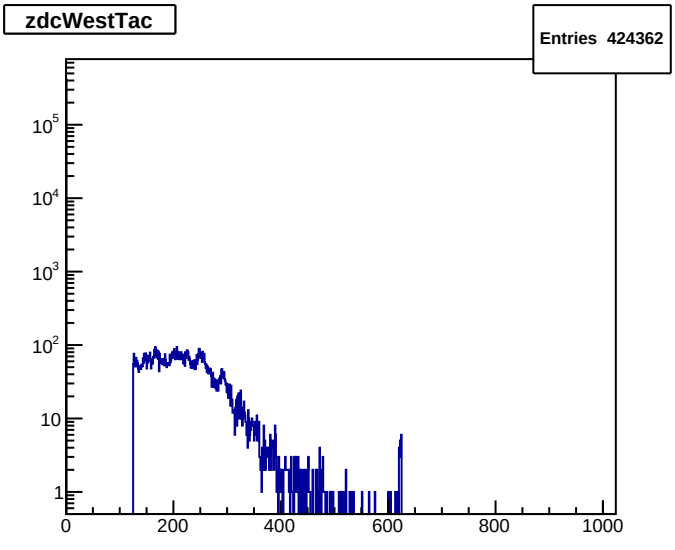

vpdWestAdcSumVsSimu
Entries 331499
Data
Simu

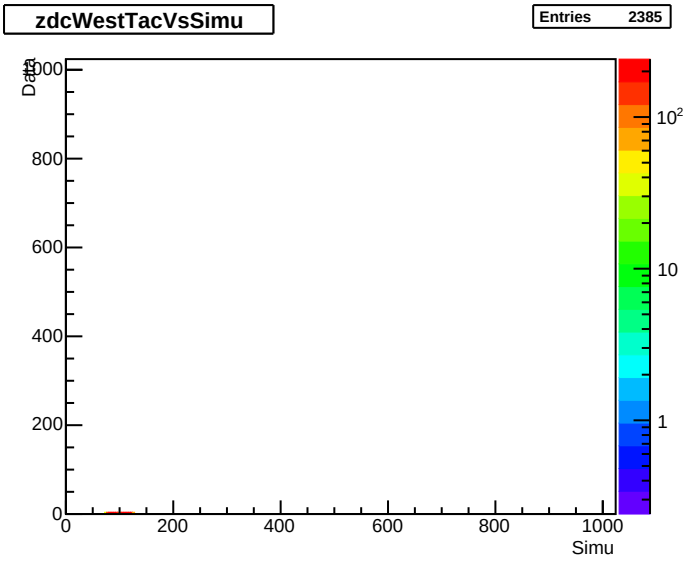

vpdWestTacMax
Entries 424362

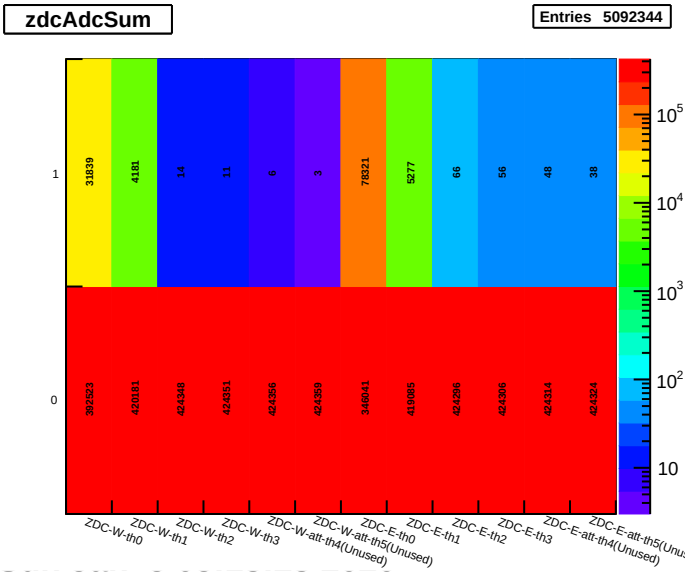

vpdWestTacMaxVsSimu
Entries 331499
Data
Simu

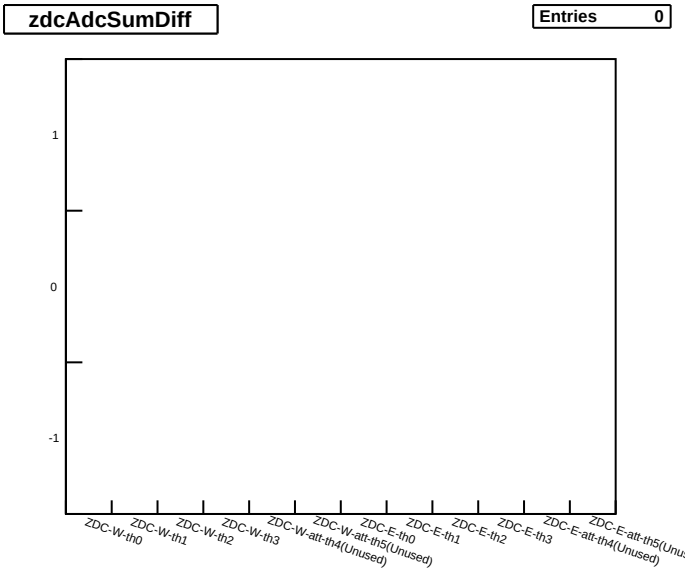

zdcEastTac
Entries 424362

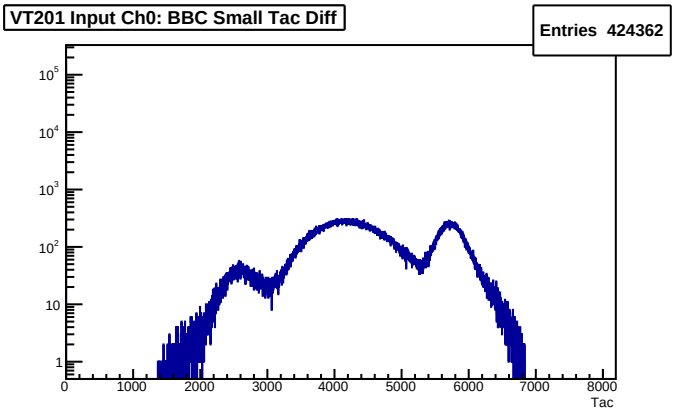

zdcEastTacVsSimu
Entries 1085
Data
Simu

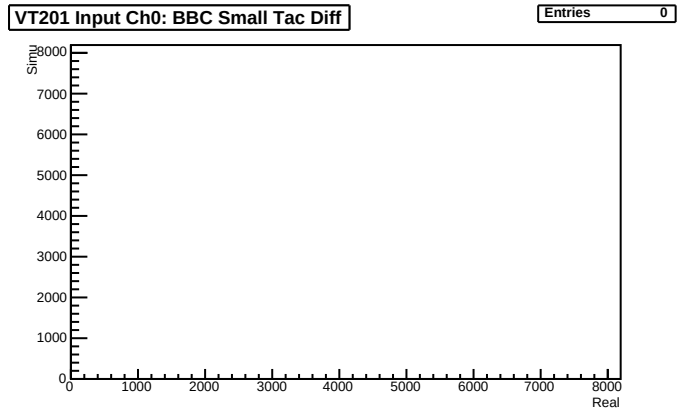

zdcWestTac
Entries 424362

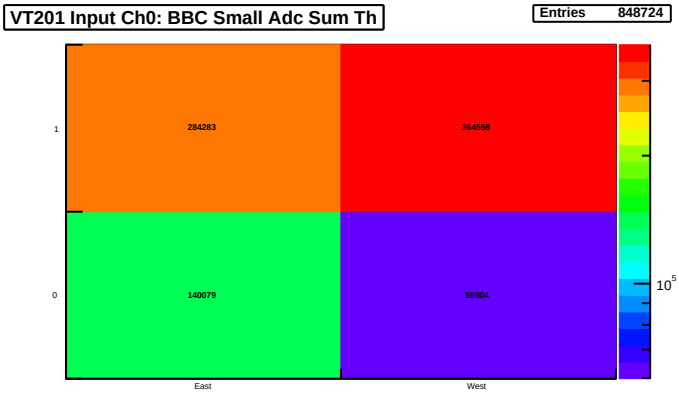

zdcWestTacVsSimu
Entries 2385
Data
Simu

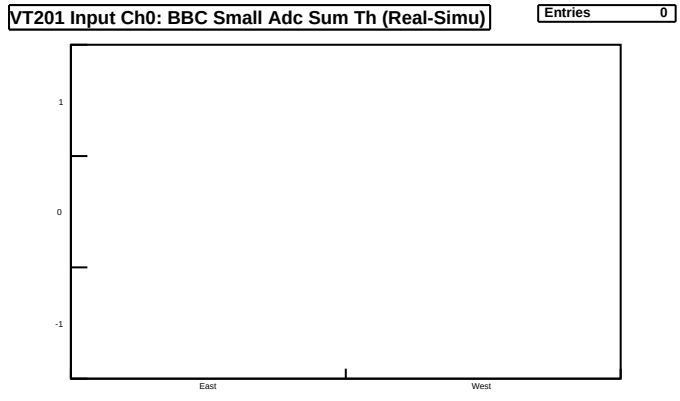

zdcAdcSum
Entries 5092344
31839
4181
14
11
6
3
78321
5277
66
56
48
38
392523
420181
424348
424351
424356
424359
346041
419085
424296
424306
424314
424324
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

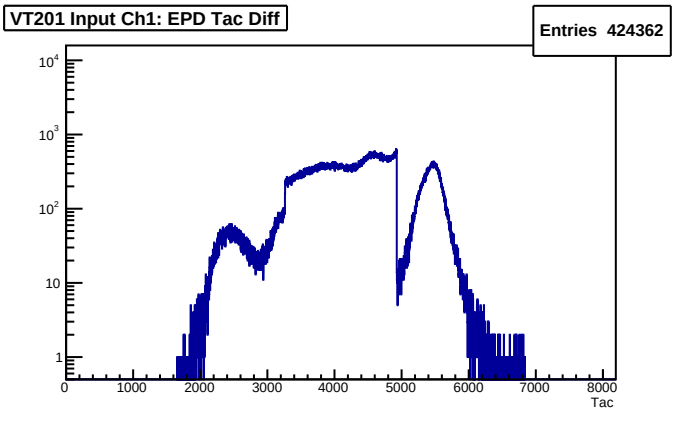

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

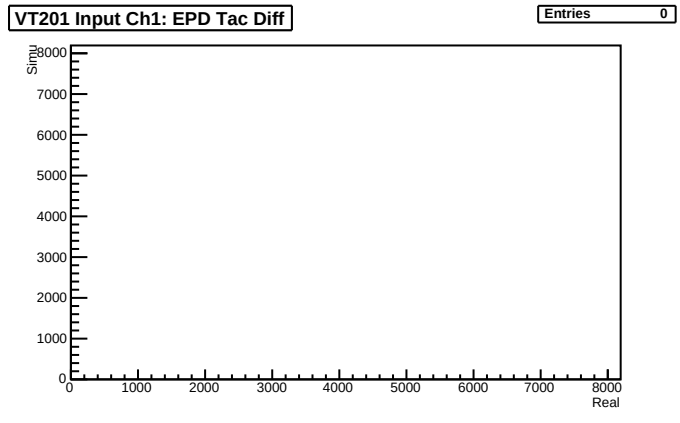

VT201 Input Ch0: BBC Small Tac Diff
Entries 424362
Tac

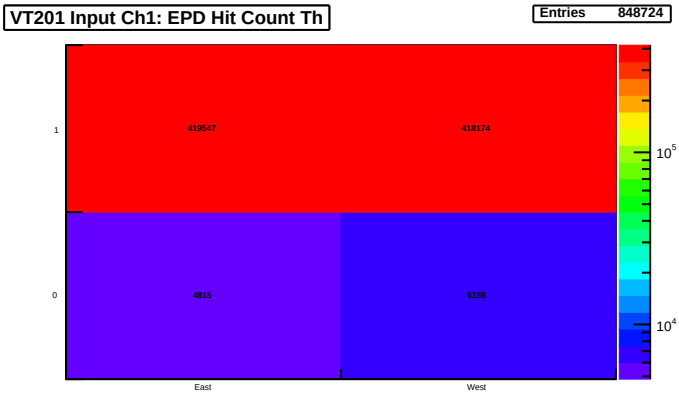

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

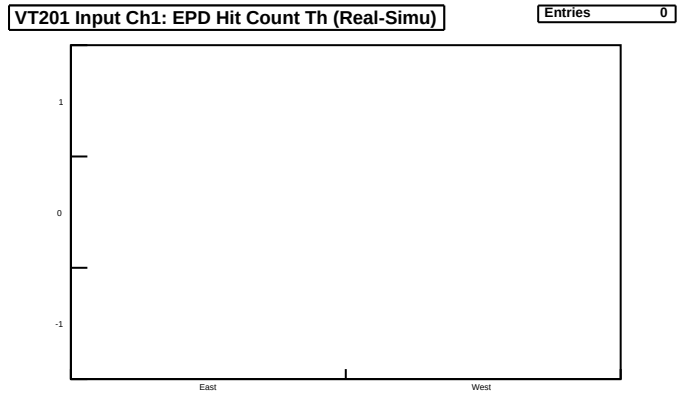

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 848724
284283
364558
140079
59804
East
West

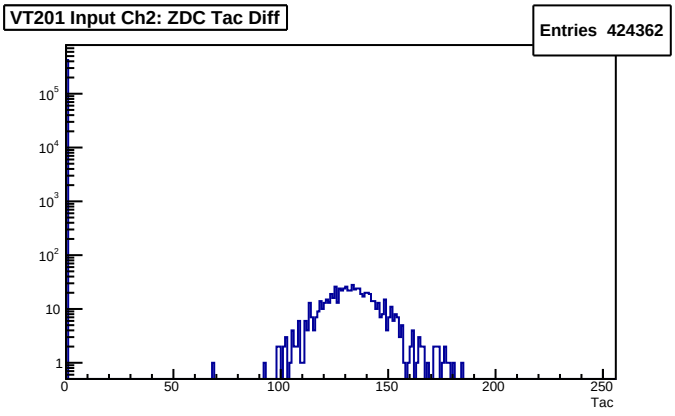

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

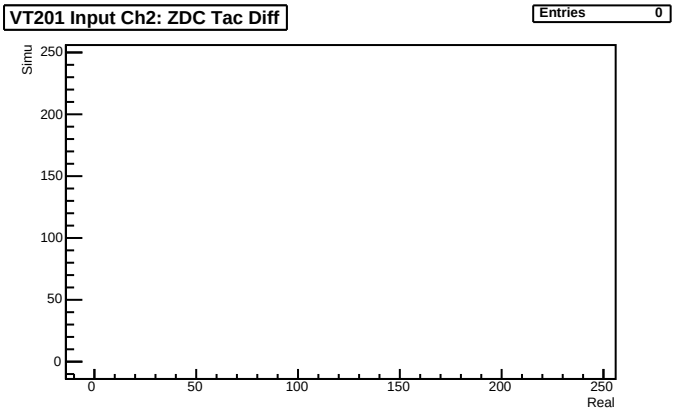

VT201 Input Ch1: EPD Tac Diff
Entries 424362
Tac

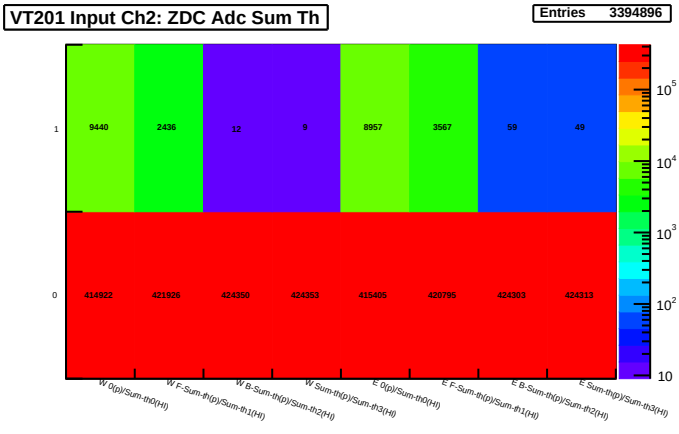

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

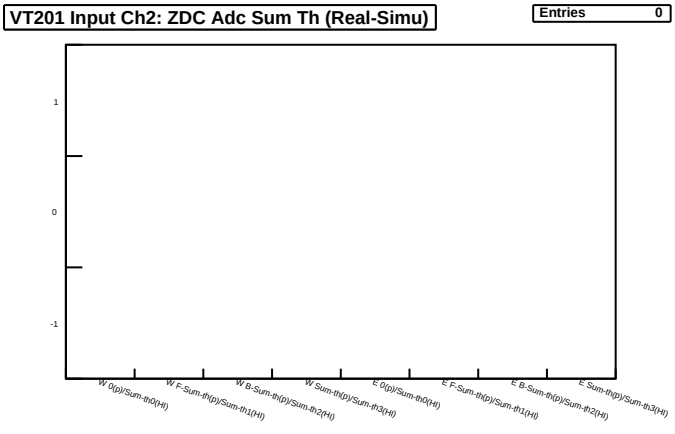

VT201 Input Ch1: EPD Hit Count Th
Entries 848724
419547
418174
4815
6188
East
West

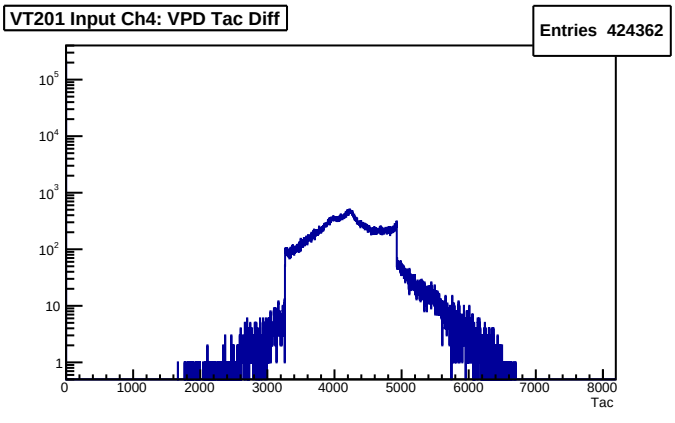

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

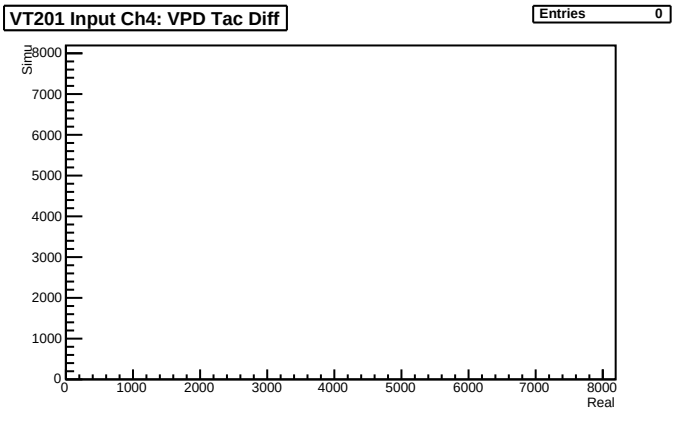

VT201 Input Ch2: ZDC Tac Diff
Entries 424362
Tac

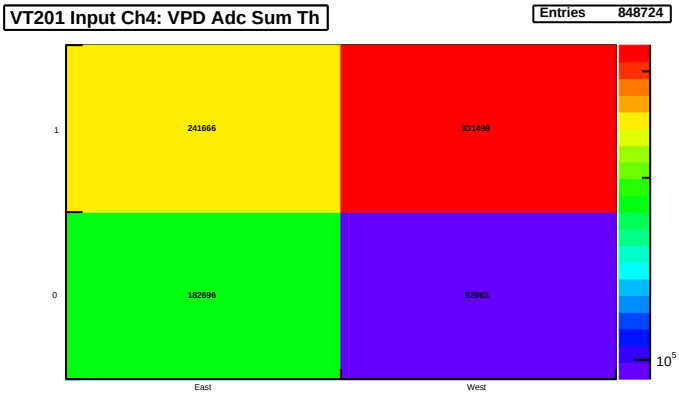

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

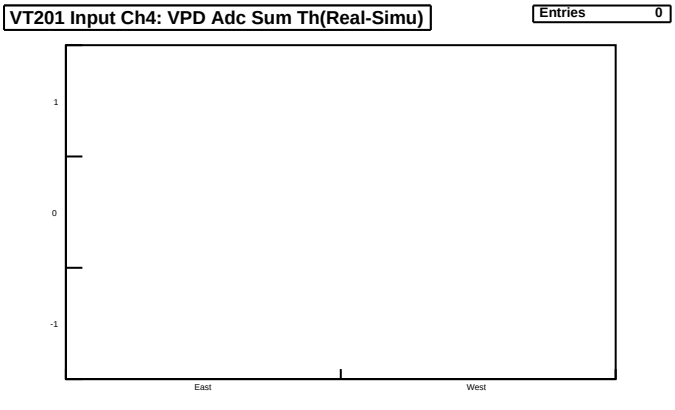

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3394896
9440
2436
12
9
8957
3567
59
49
414922
421926
424350
424353
415405
420795
424303
424313
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

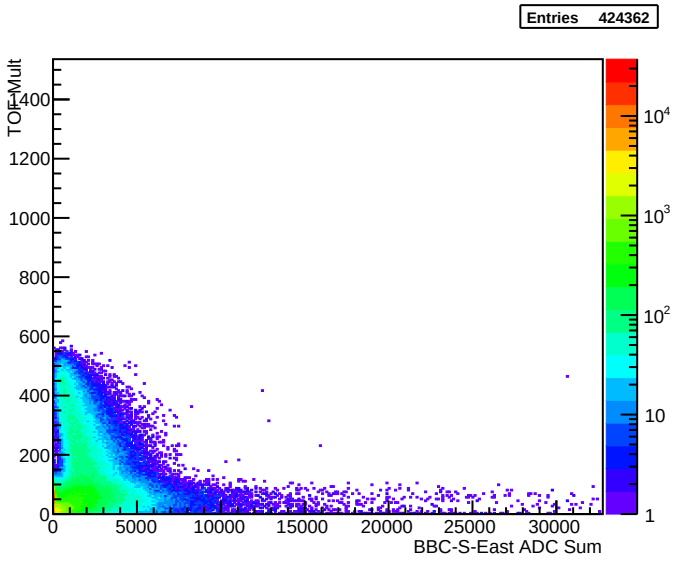

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

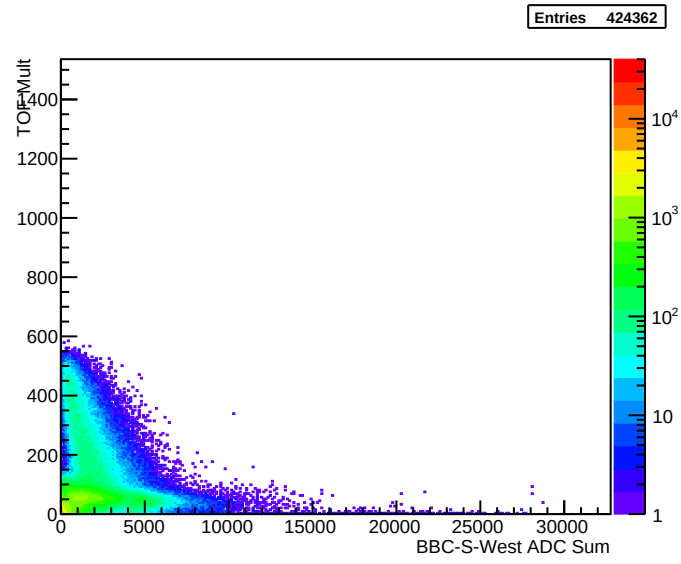

VT201 Input Ch4: VPD Tac Diff
Entries 424362
Tac

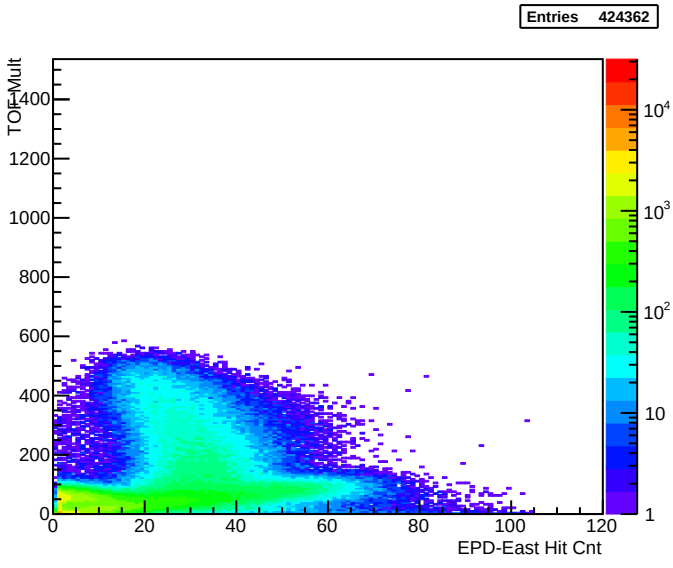

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

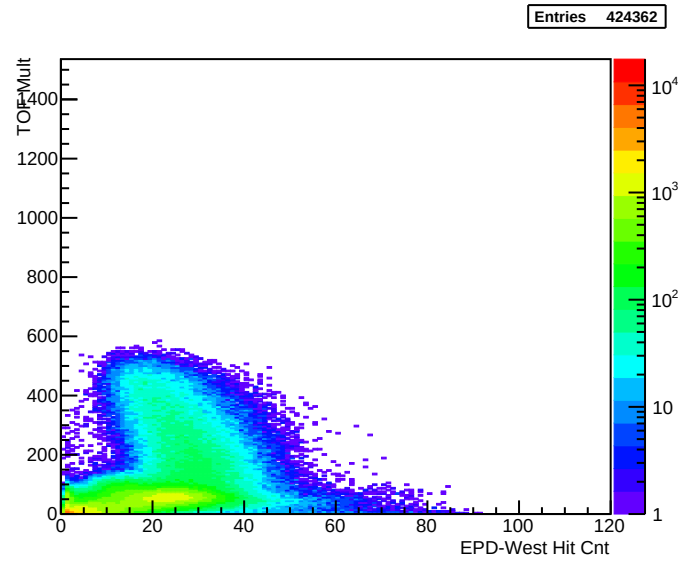

VT201 Input Ch4: VPD Adc Sum Th
Entries 848724
241666
331499
182696
92863
East
West

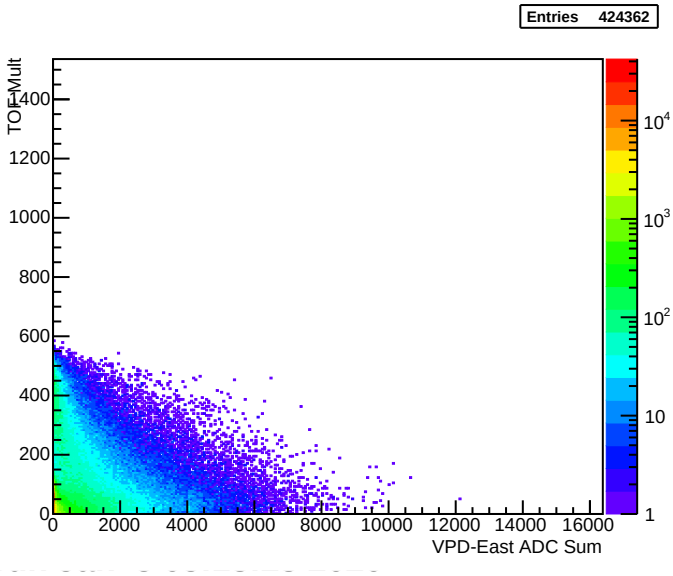

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

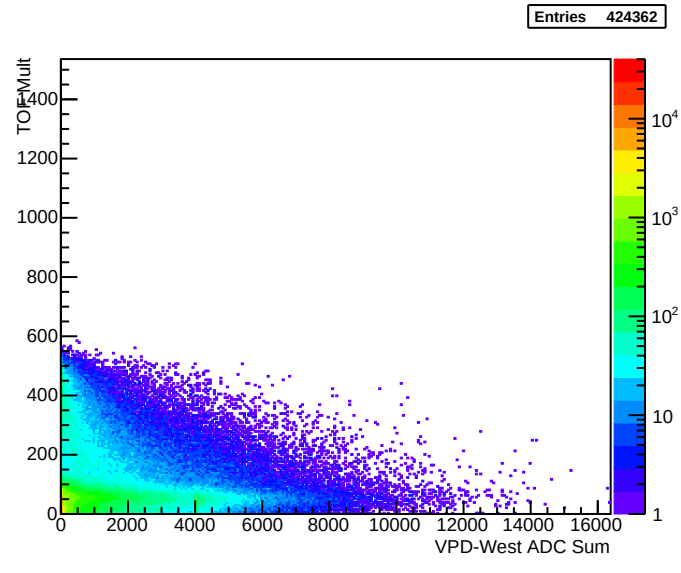

Entries 424362
TOF-Mult
BBC-S-East ADC Sum

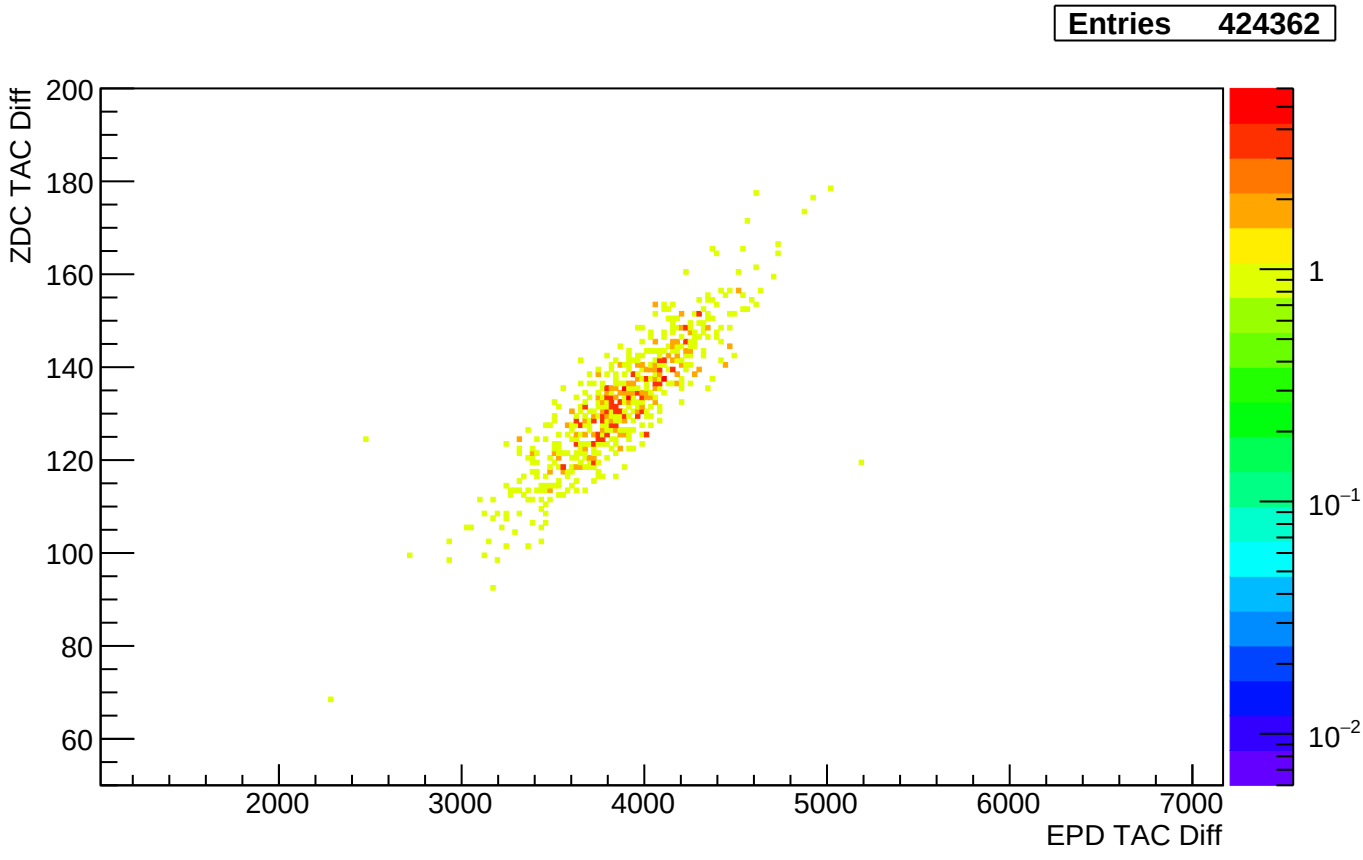

Entries 424362
TOF-Mult
BBC-S-West ADC Sum

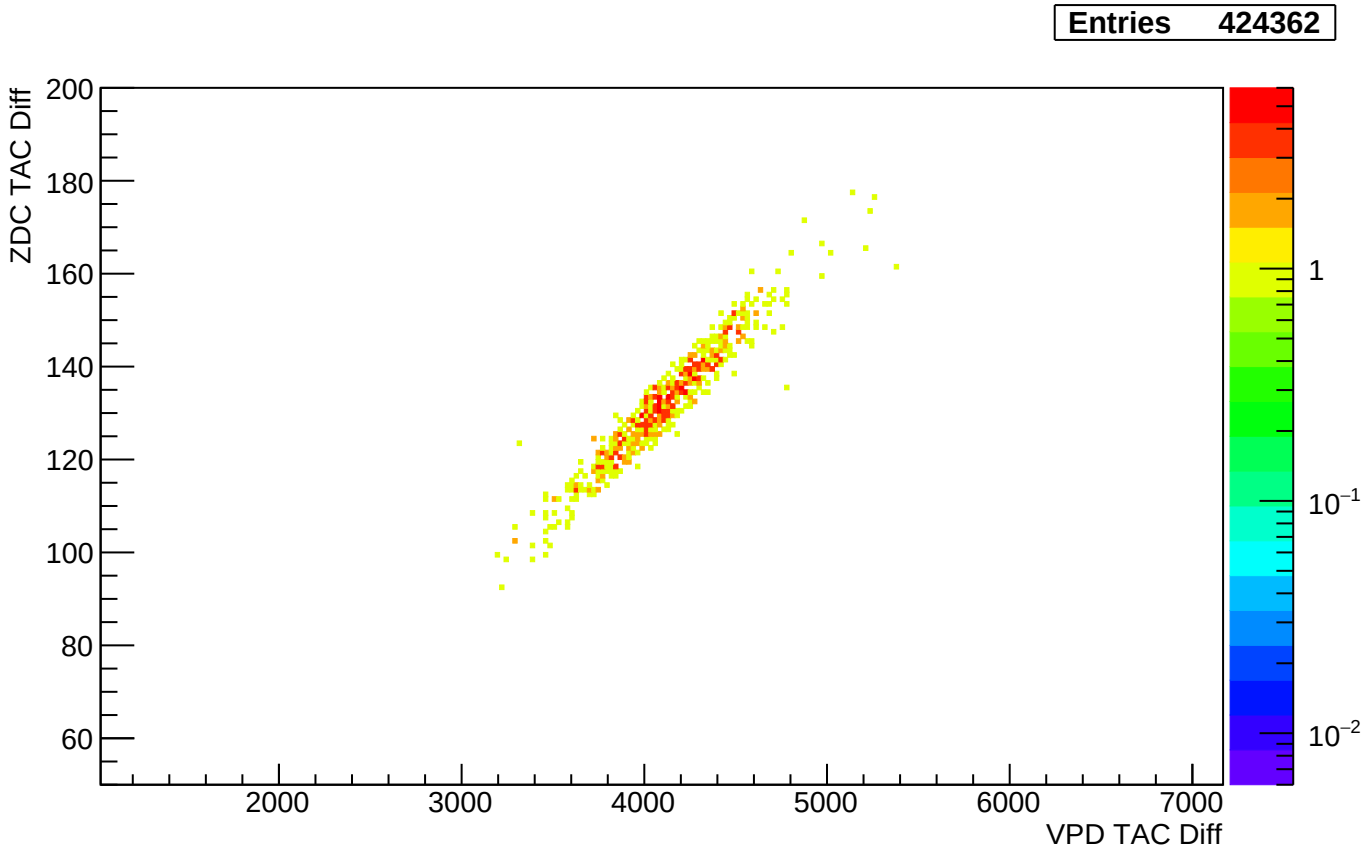

Entries 424362
TOF-Mult
EPD-East Hit Cnt

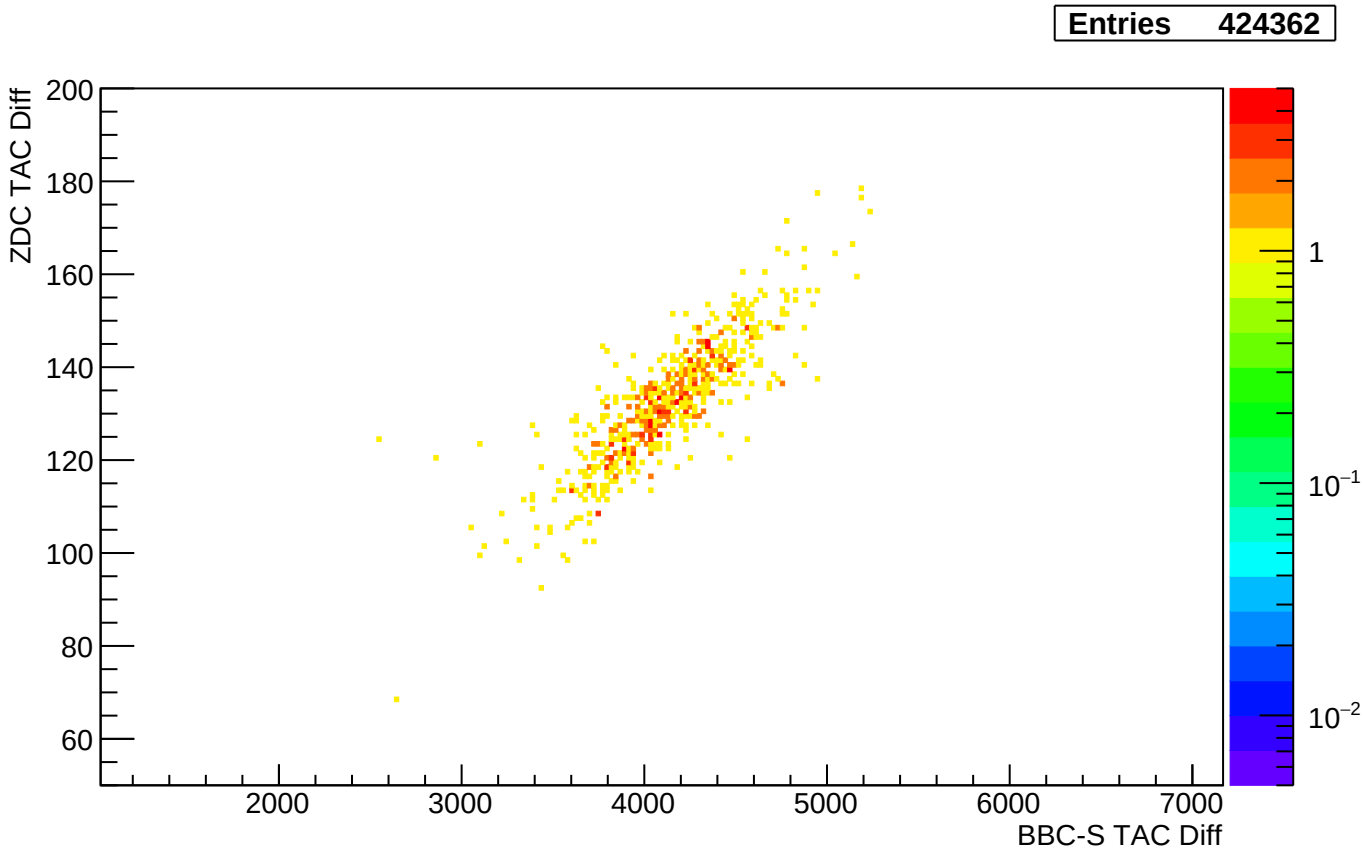

Entries 424362
TOF-Mult
EPD-West Hit Cnt

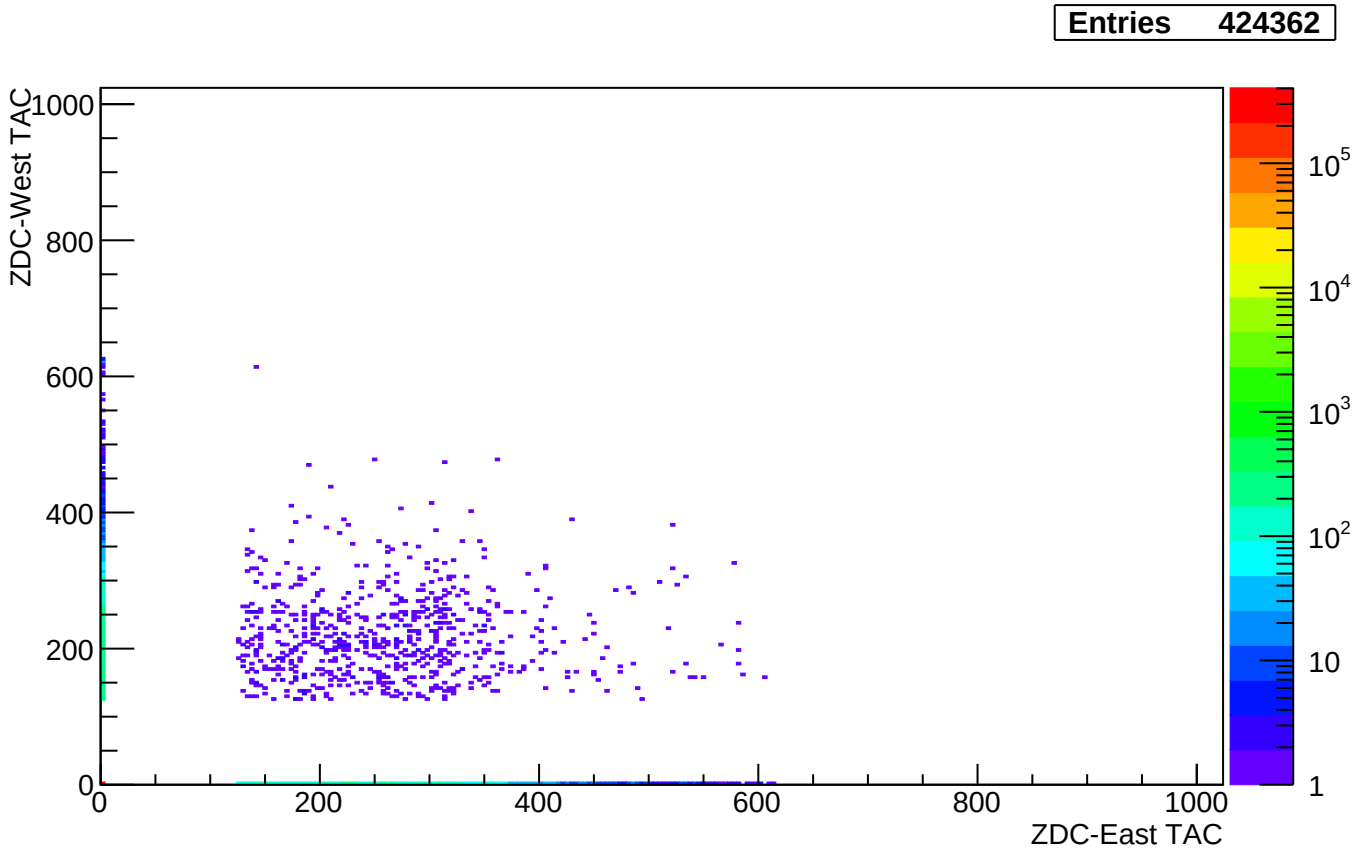

Entries 424362
TOF-Mult
VPD-East ADC Sum

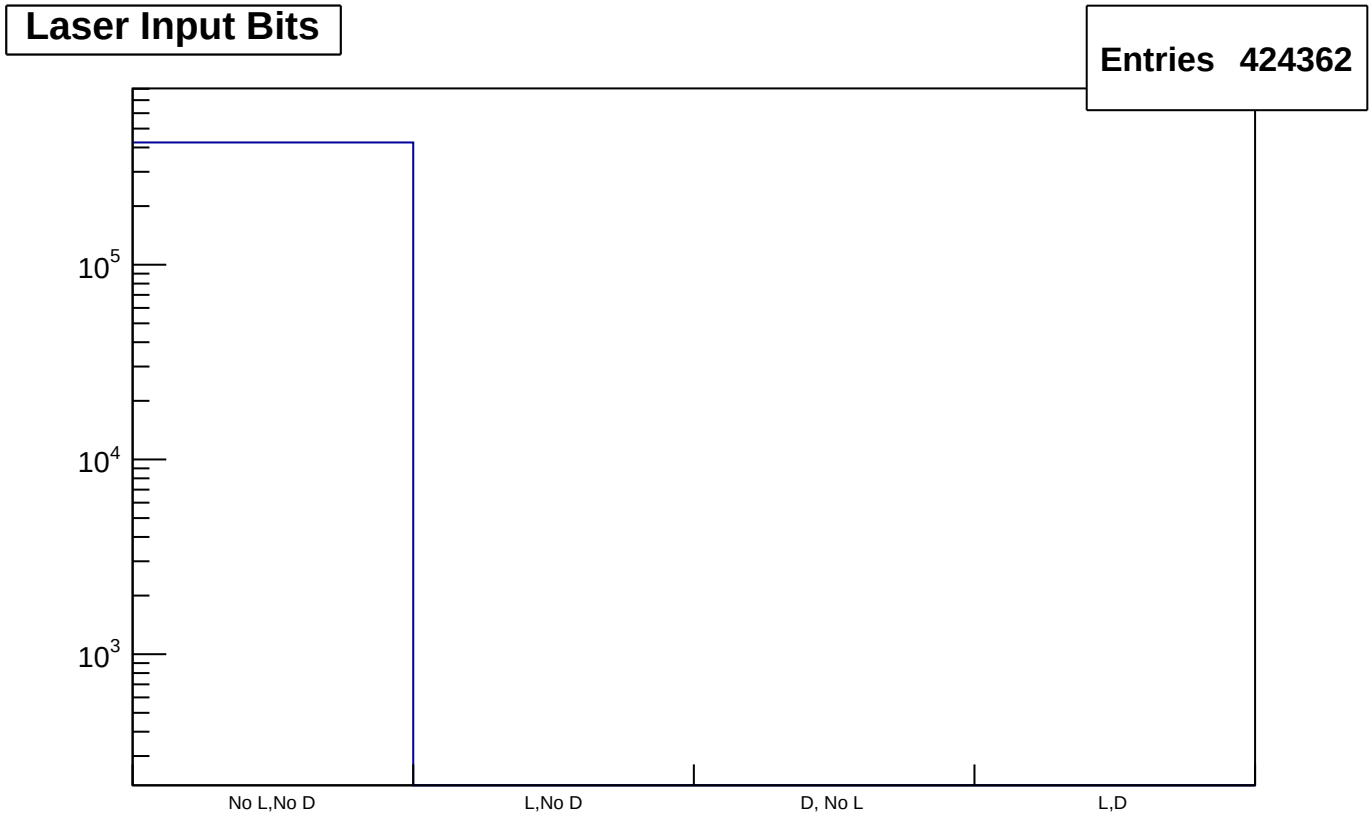

Entries 424362
TOF-Mult
VPD-West ADC Sum

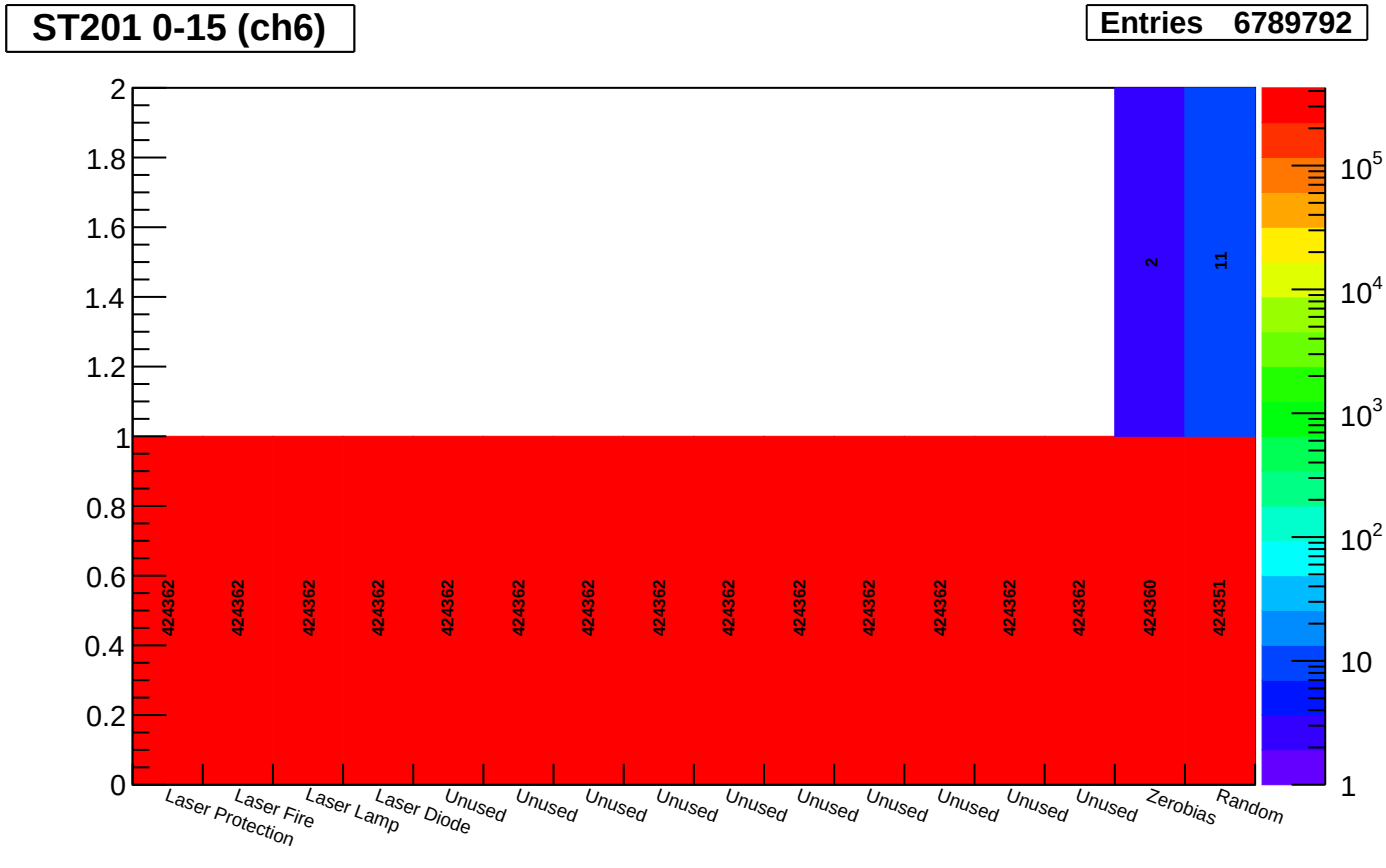

Entries 424362
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

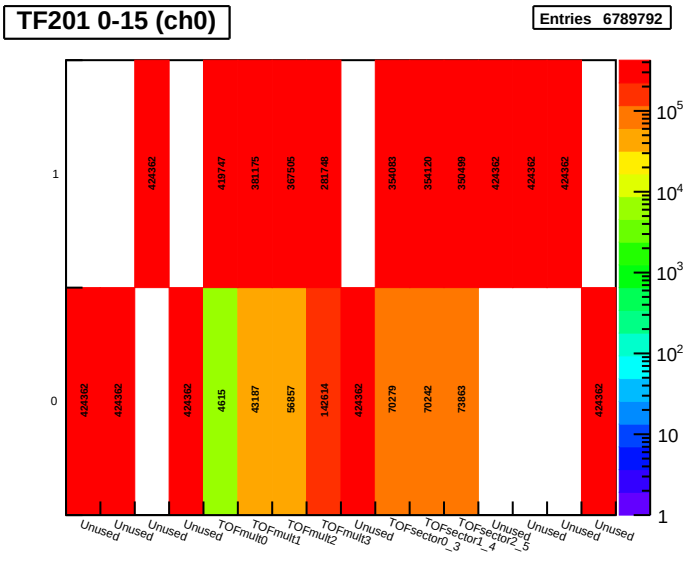

Entries 424362
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

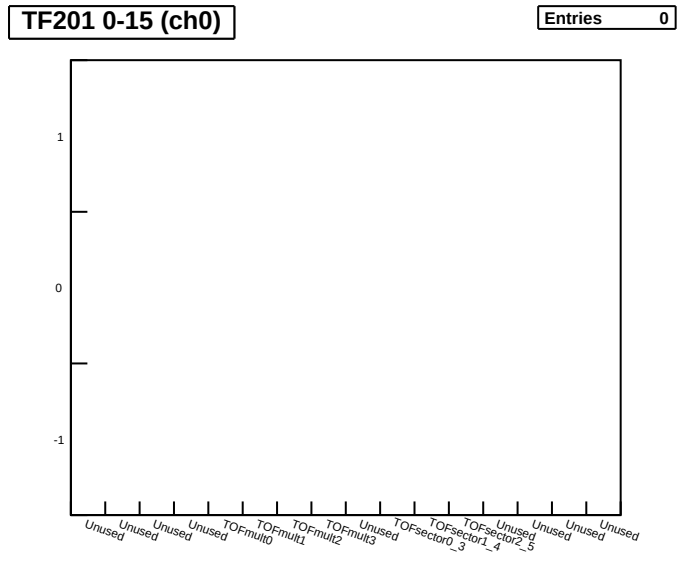

Entries 424362
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

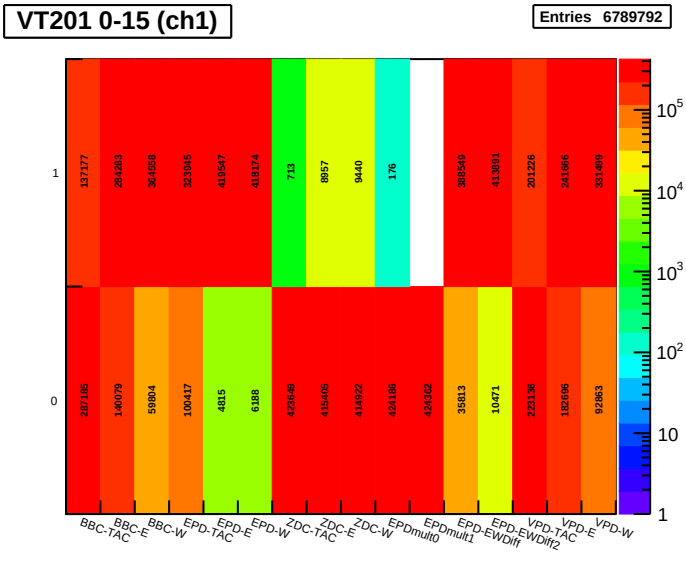

Entries 424362
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

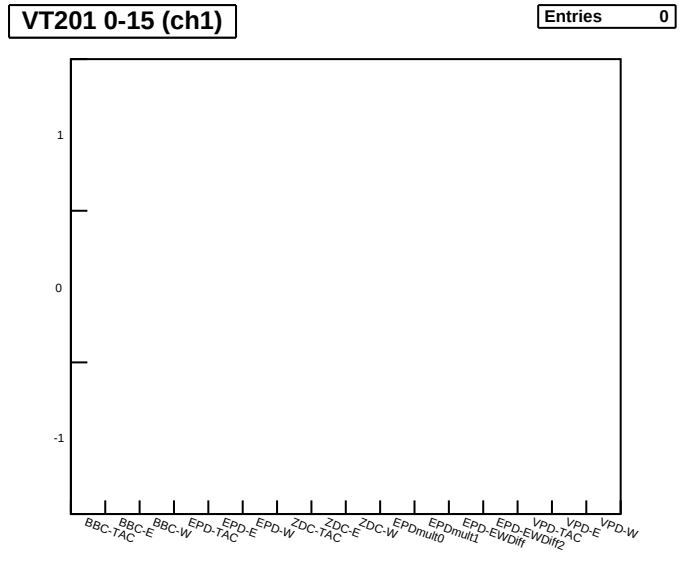

Laser Input Bits
Entries 424362
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

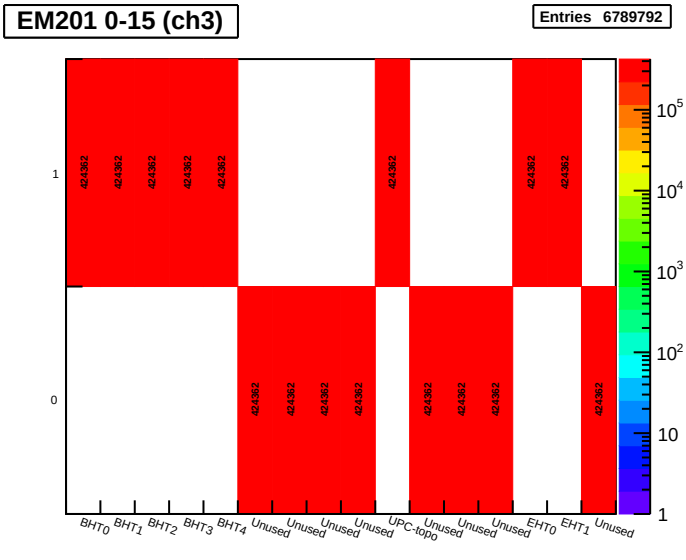

ST201 0-15 (ch6)
Entries 6789792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
424362
424362
424362
424362
424362
424362
424362
424362
424362
424362
424362
424362
424362
424362
424360
424351
2
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

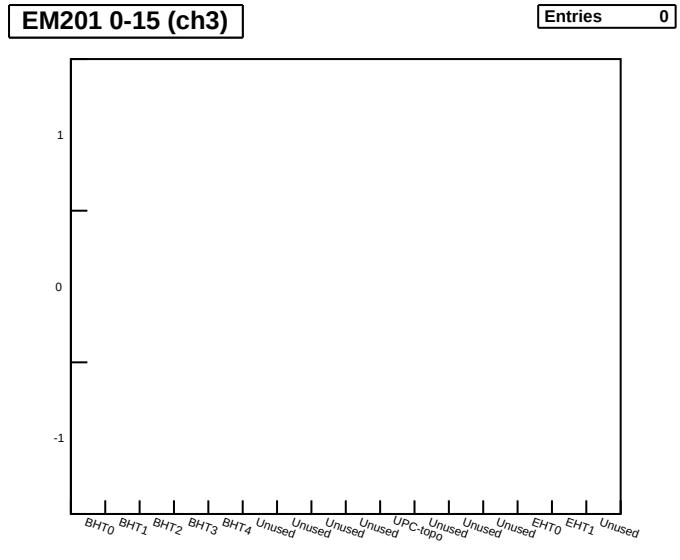

TF201 0-15 (ch0)
Entries 6789792
1
0
424362 424362 424362 424362 419747 381175 367505 291748 354083 354120 350499 424362 424362 424362 424362 4615 43187 56957 142614 424362 70279 70242 73863 424362
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6789792
1
0
137177 284283 364558 323945 419547 418174 713 8957 9440 176 388549 413891 201226 241666 331489
287185 140079 59804 100417 4815 6188 422649 415405 414922 424186 424362 35813 10471 223136 182696 92863
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 6789792
1
0
424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362 424362
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