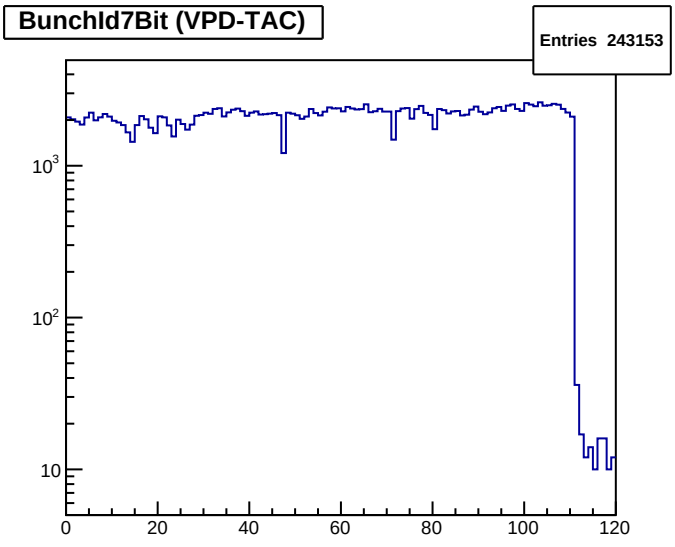
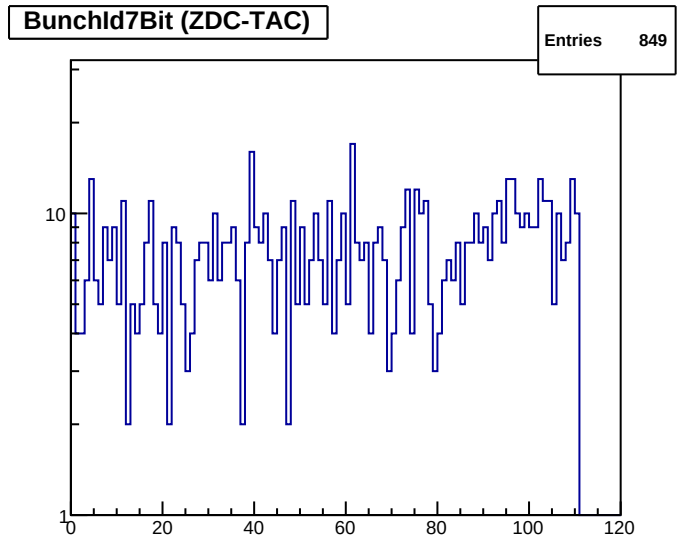
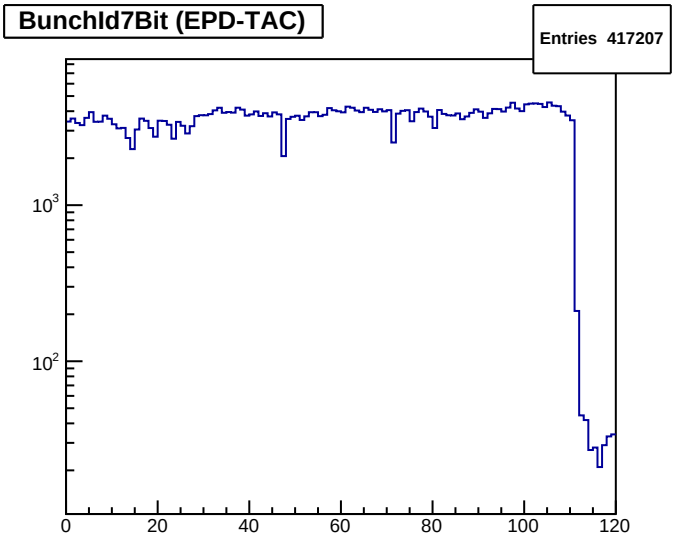
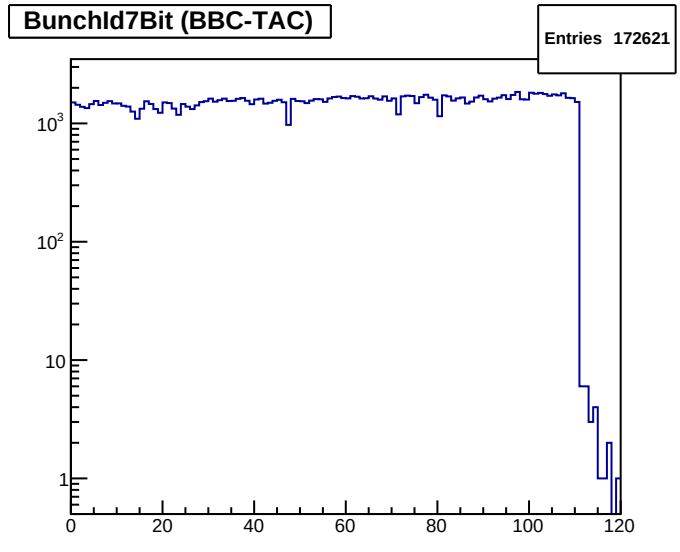
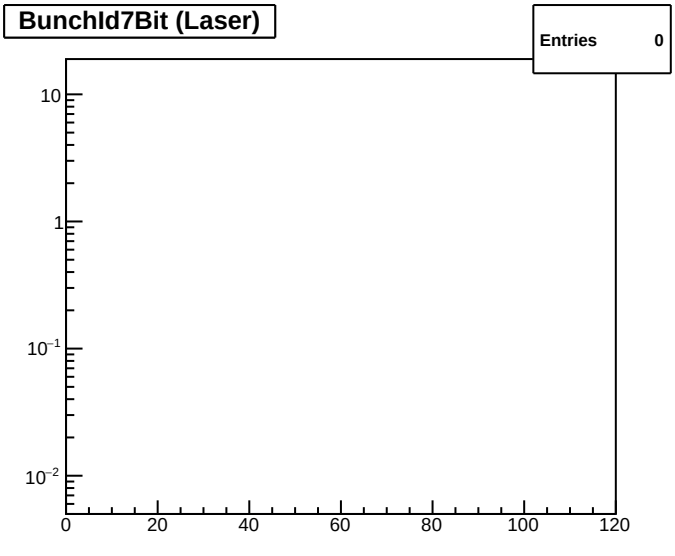
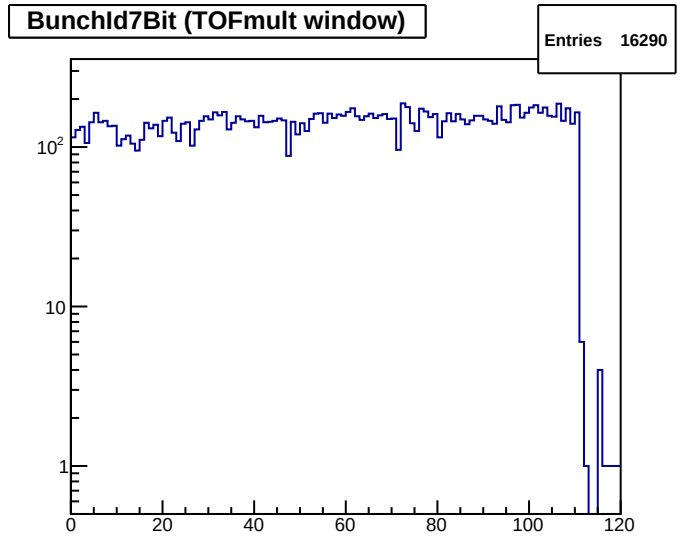

BunchId7Bit (VPD-TAC)
Entries 243153

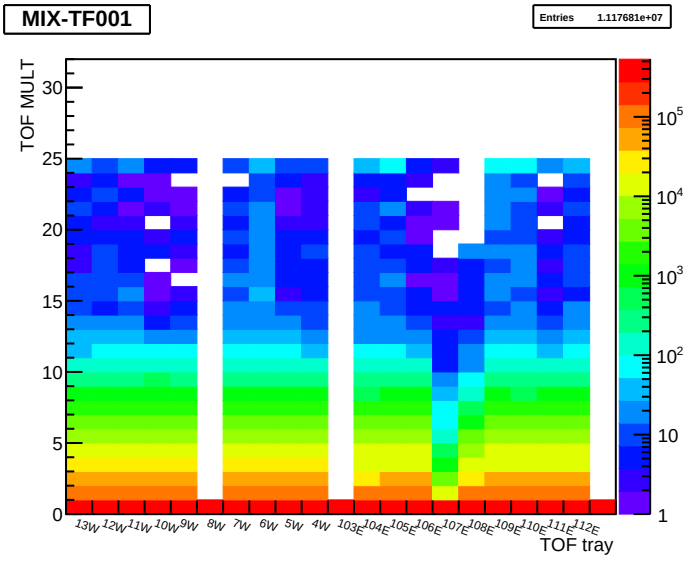

BunchId7Bit (ZDC-TAC)
Entries 849

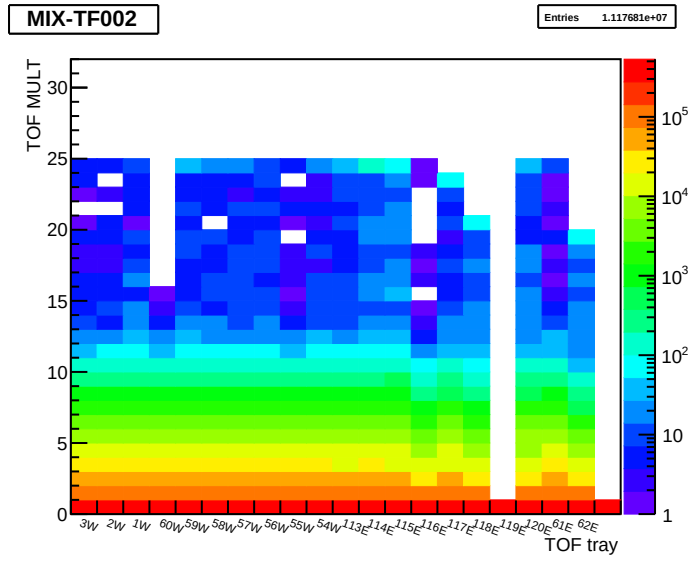

BunchId7Bit (EPD-TAC)
Entries 417207

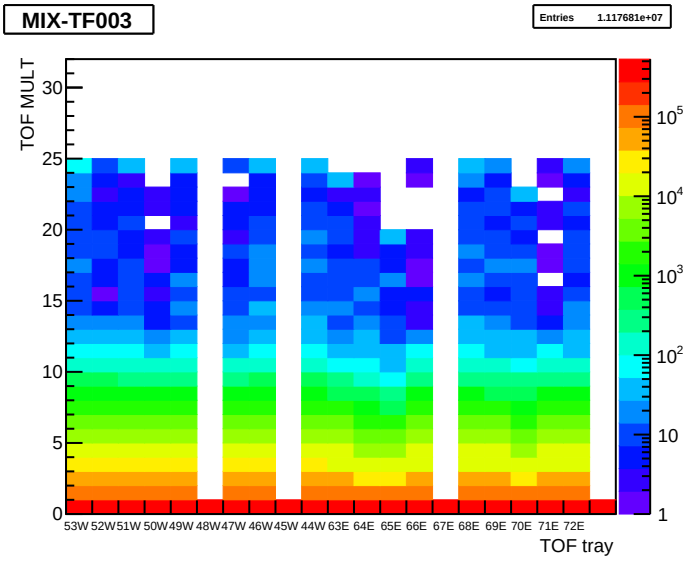

BunchId7Bit (BBC-TAC)
Entries 172621

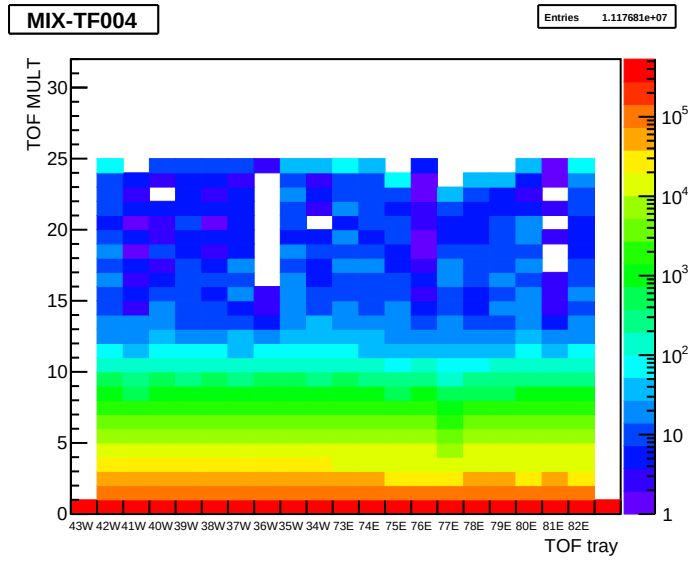

BunchId7Bit (Laser)
Entries 0

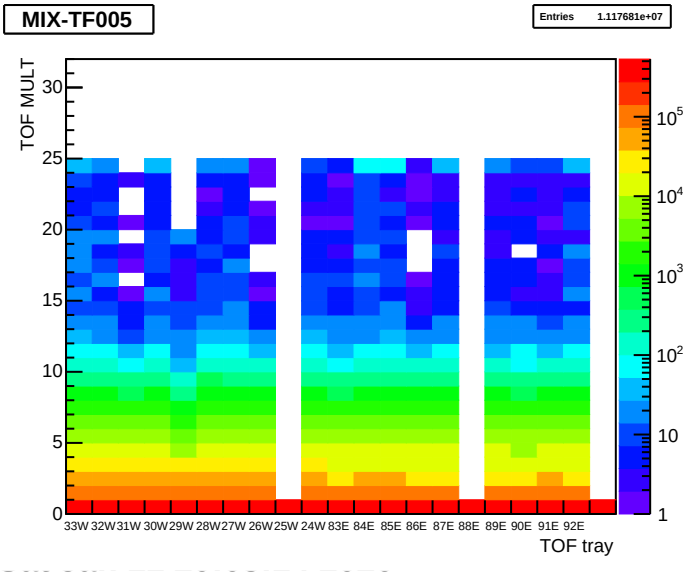

BunchId7Bit (TOFmult window)
Entries 16290

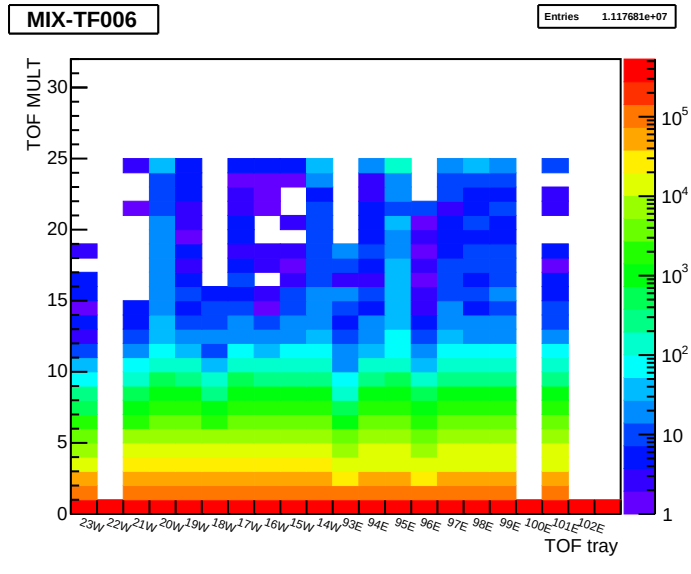

MIX-TF001
Entries 1.117681e+07
TOF MULT
TOF tray

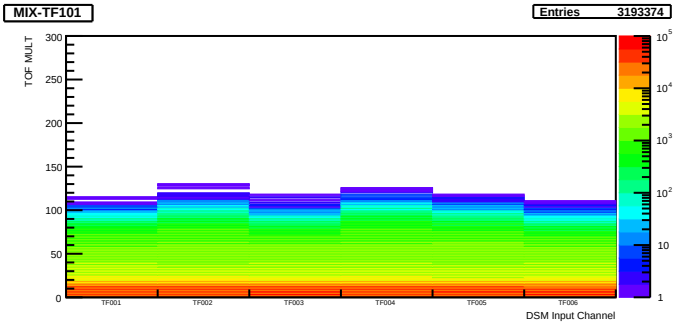

MIX-TF002
Entries 1.117681e+07
TOF MULT
TOF tray

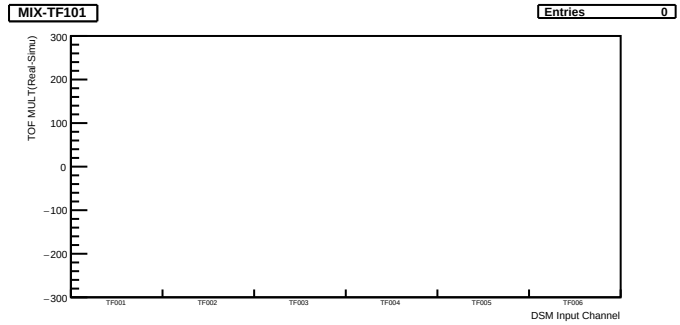

MIX-TF003
Entries 1.117681e+07
TOF MULT
TOF tray

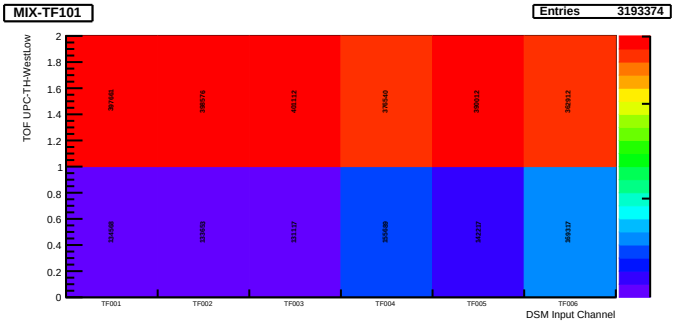

MIX-TF004
Entries 1.117681e+07
TOF MULT
TOF tray

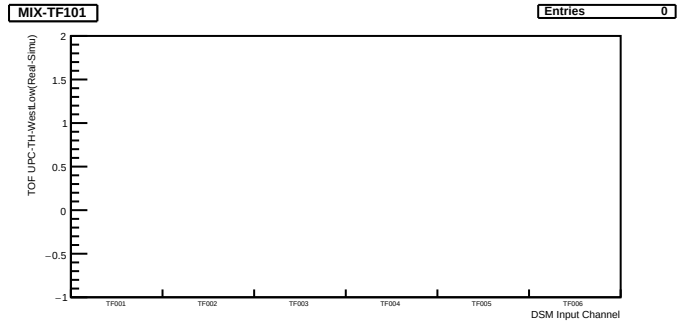

MIX-TF005
Entries 1.117681e+07
TOF MULT
TOF tray

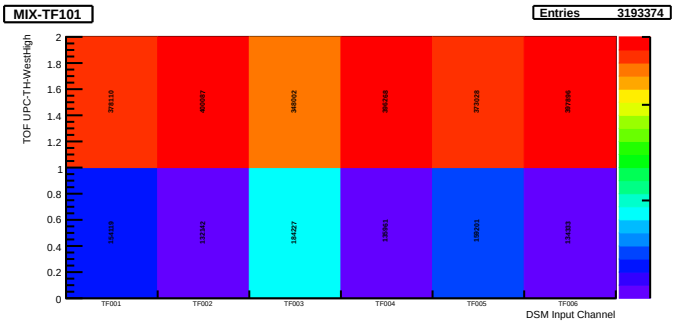

MIX-TF006
Entries 1.117681e+07
TOF MULT
TOF tray

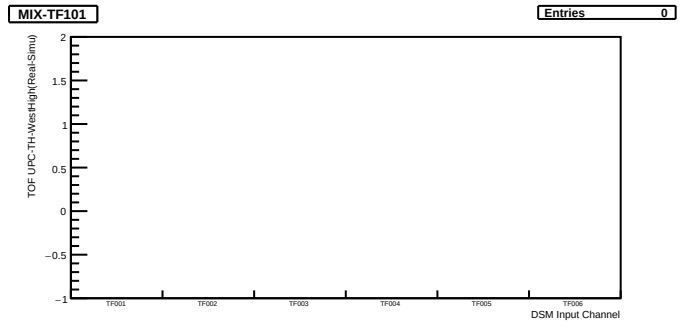

MIX-TF101
Entries 3193374
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

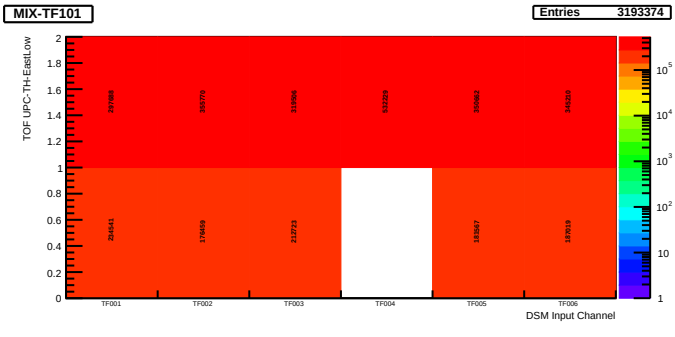

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

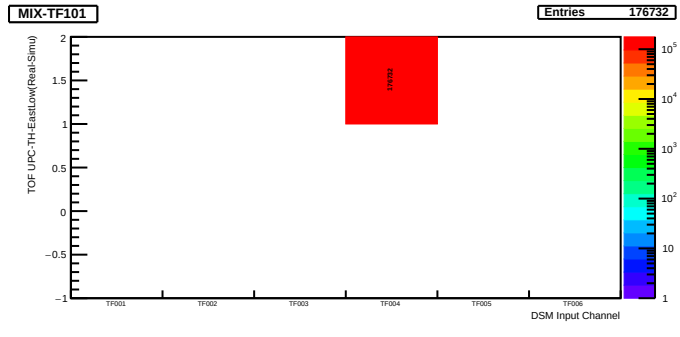

MIX-TF101
Entries 3193374
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

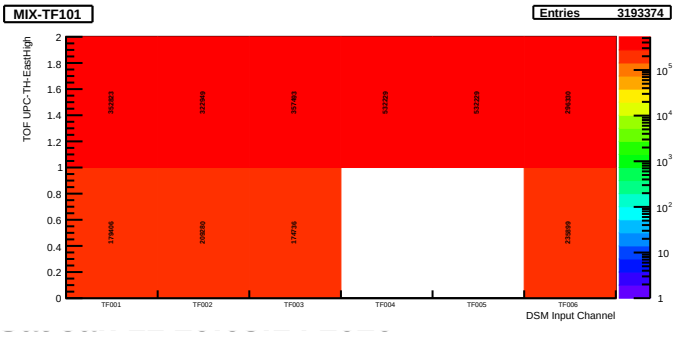

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

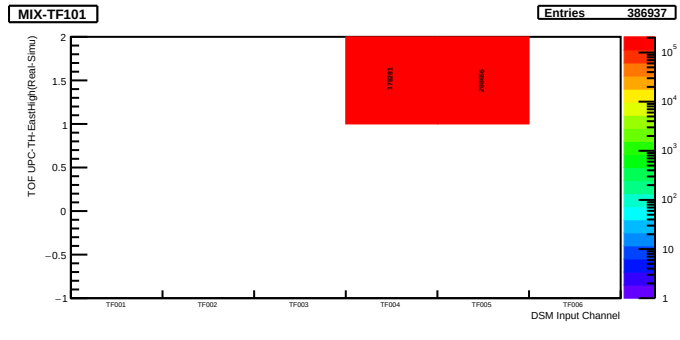

MIX-TF101
Entries 3193374
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

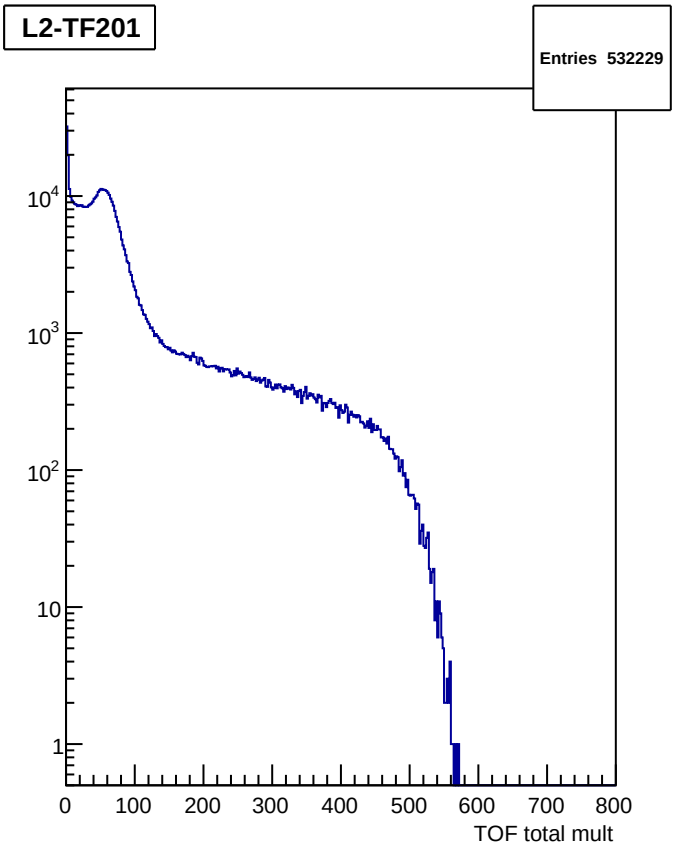

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

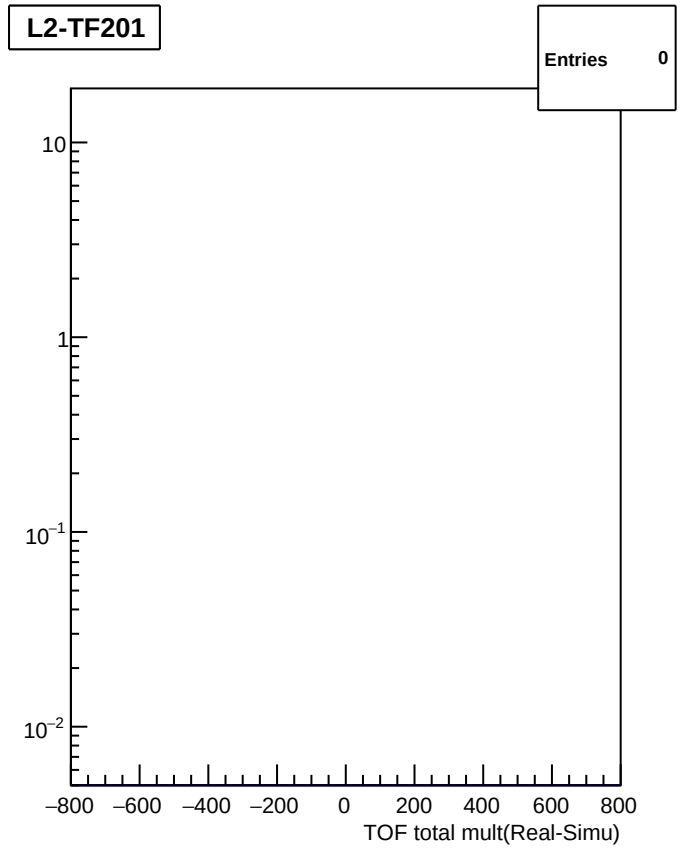

MIX-TF101
Entries 3193374
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

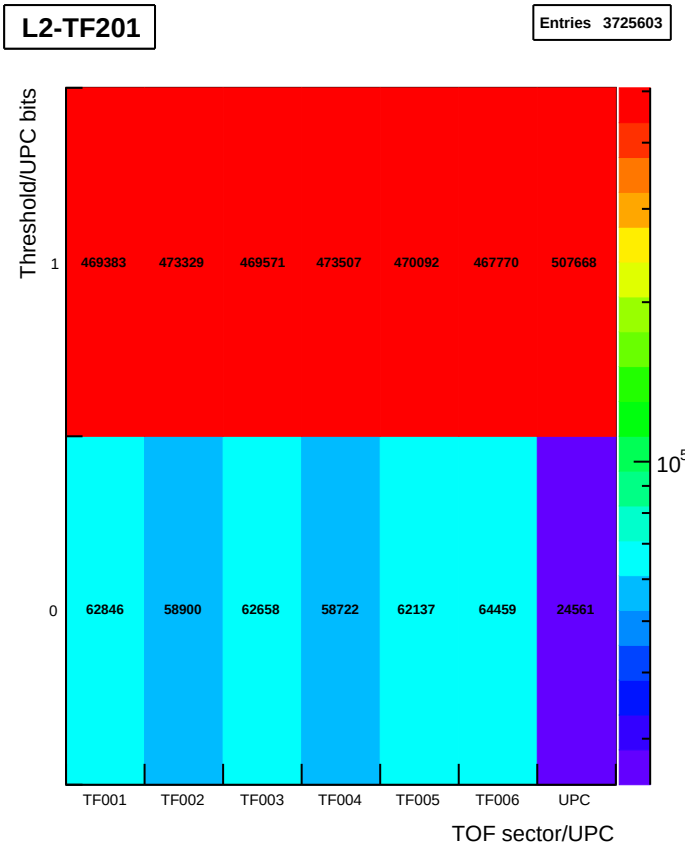

MIX-TF101
Entries 176732
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

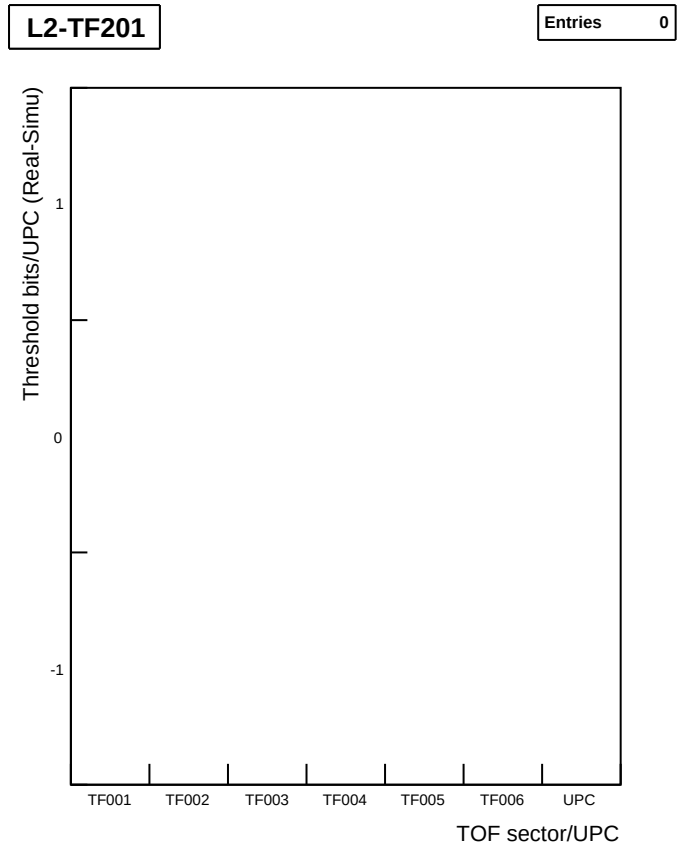

MIX-TF101
Entries 3193374
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

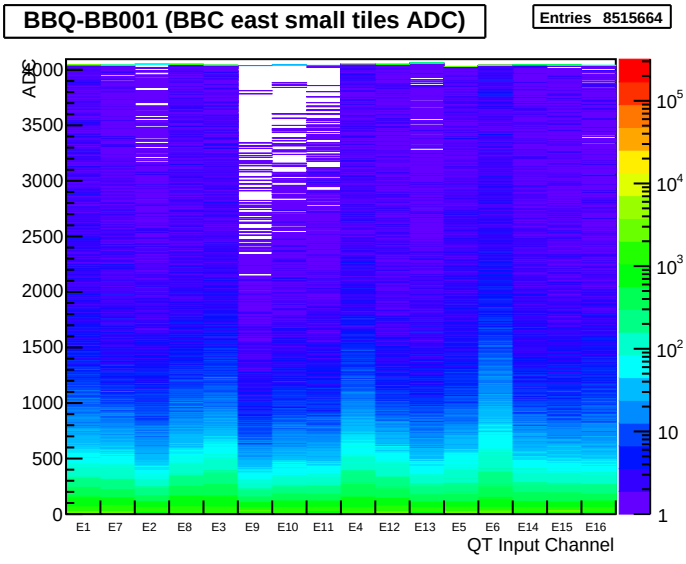

MIX-TF101
Entries 386937
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

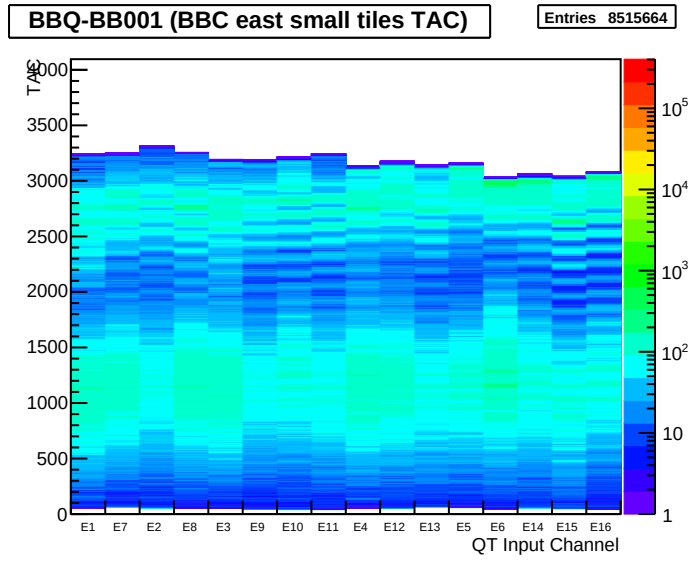

L2-TF201
Entries 532229
TOF total mult

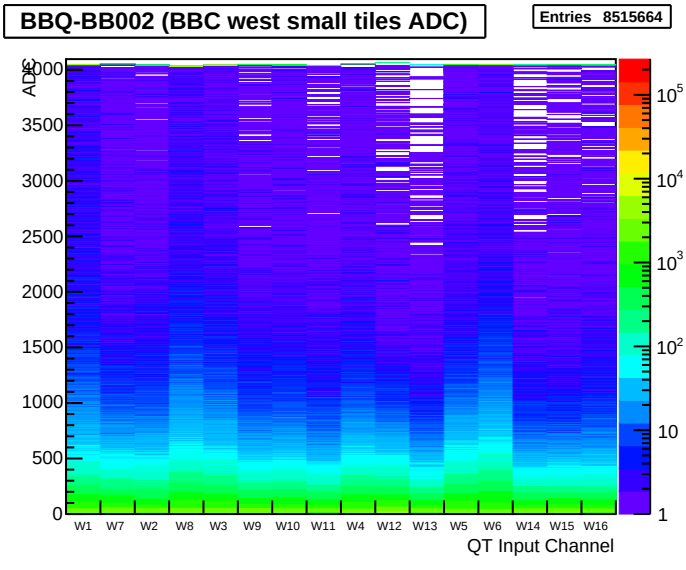

L2-TF201
Entries 0
TOF total mult(Real-Simu)

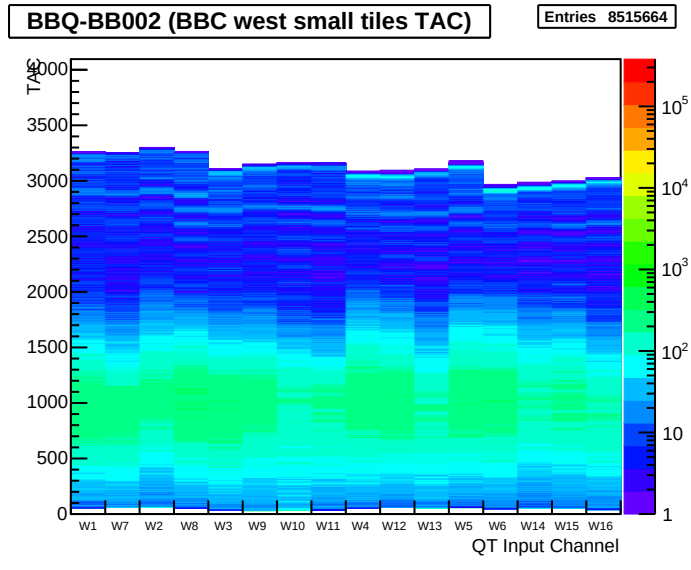

L2-TF201
Entries 3725603
Threshold/UPC bits
469383
473329
469571
473507
470092
467770
507668
62846
58900
62658
58722
62137
64459
24561
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

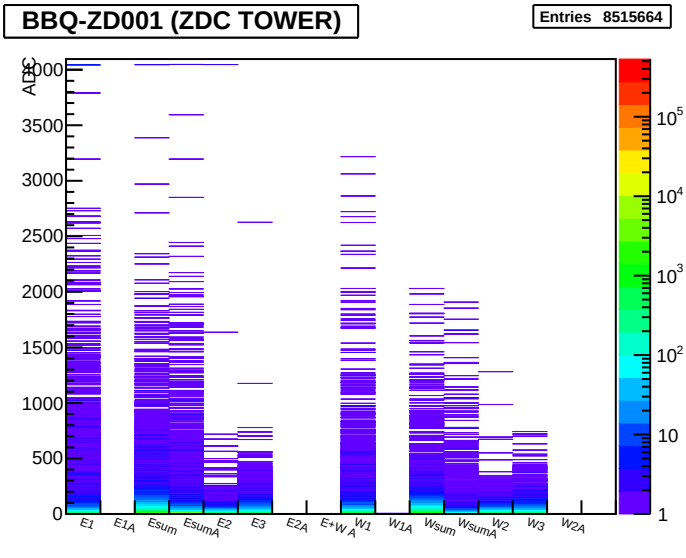

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

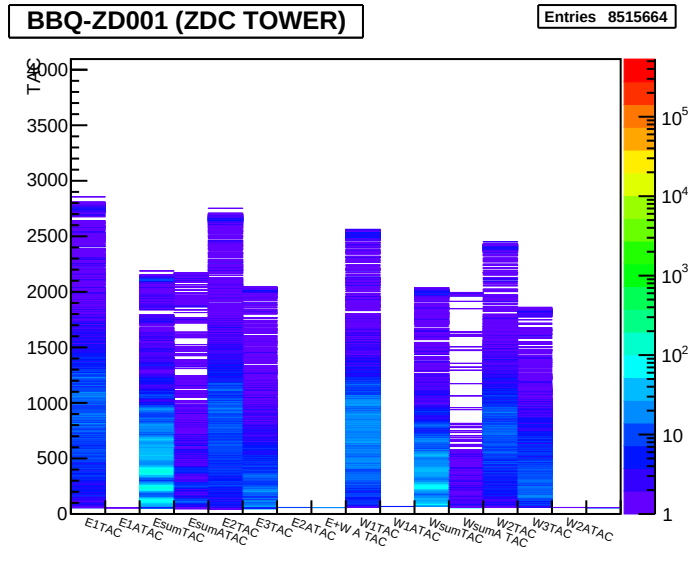

BBQ-BB001 (BBC east small tiles ADC)
Entries 8515664
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

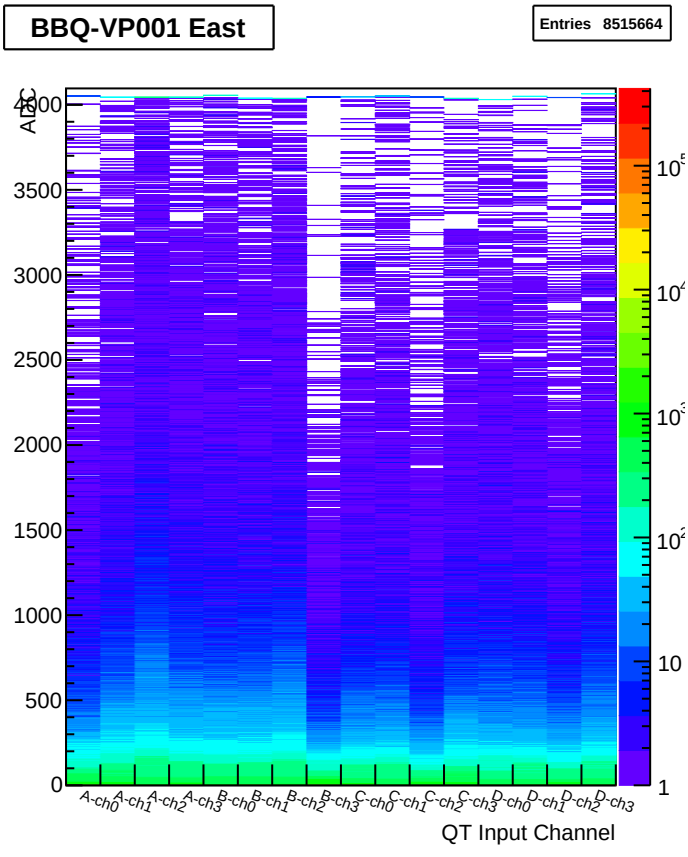

BBQ-BB001 (BBC east small tiles TAC)
Entries 8515664
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

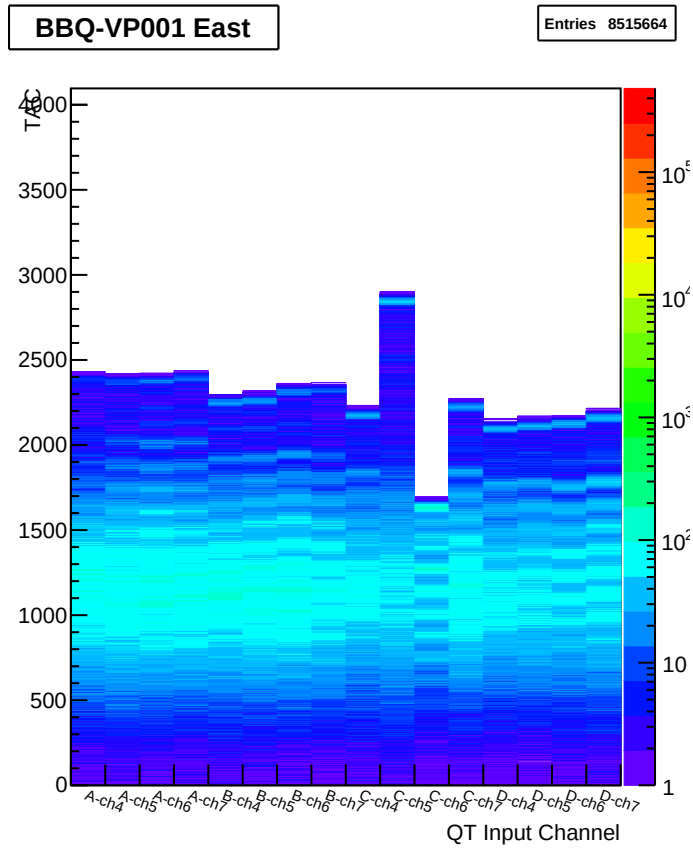

BBQ-BB002 (BBC west small tiles ADC)
Entries 8515664
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

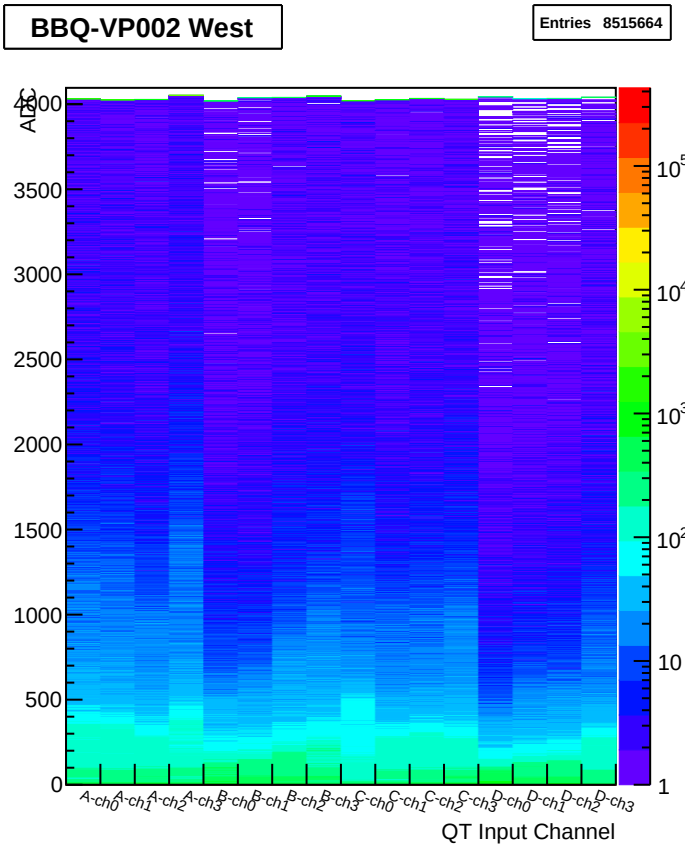

BBQ-BB002 (BBC west small tiles TAC)
Entries 8515664
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

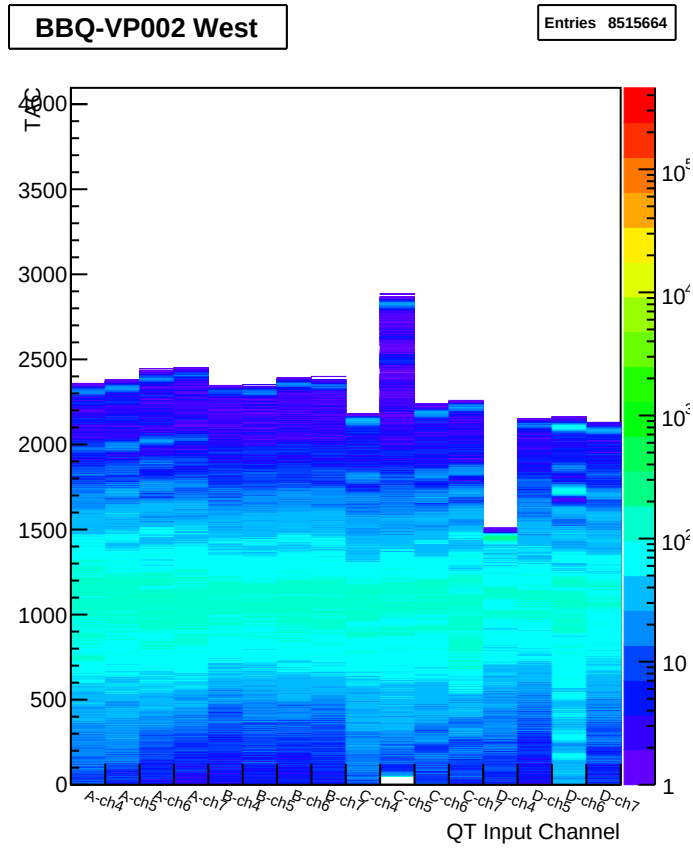

BBQ-ZD001 (ZDC TOWER)
Entries 8515664
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

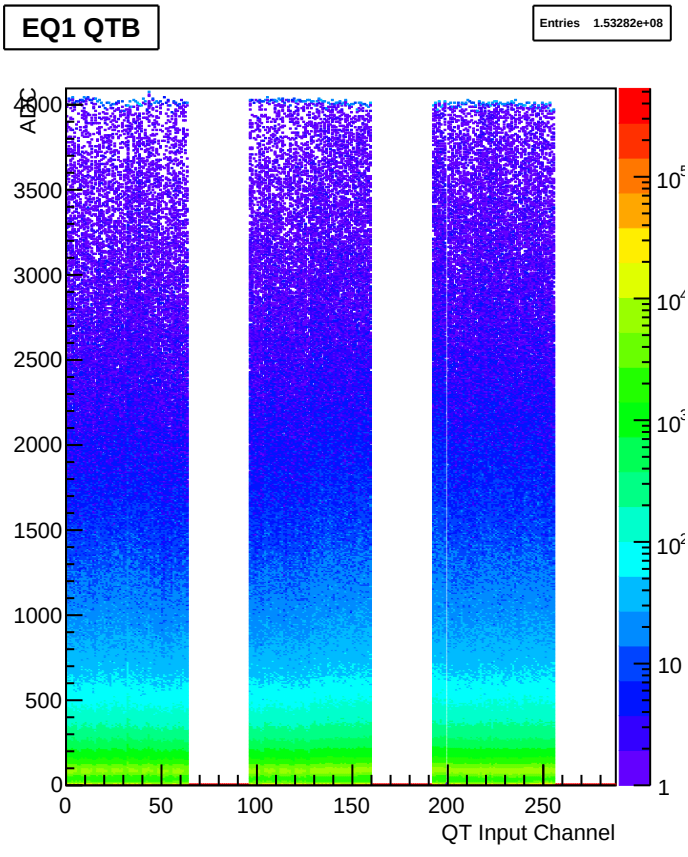

BBQ-ZD001 (ZDC TOWER)
Entries 8515664
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

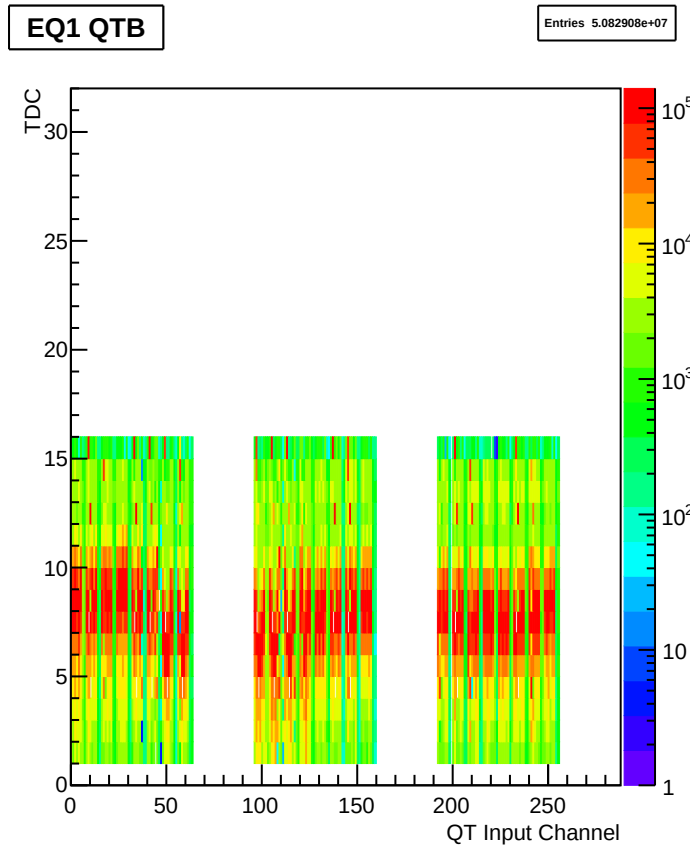

BBQ-VP001 East
Entries 8515664
ADC
QT Input Channel

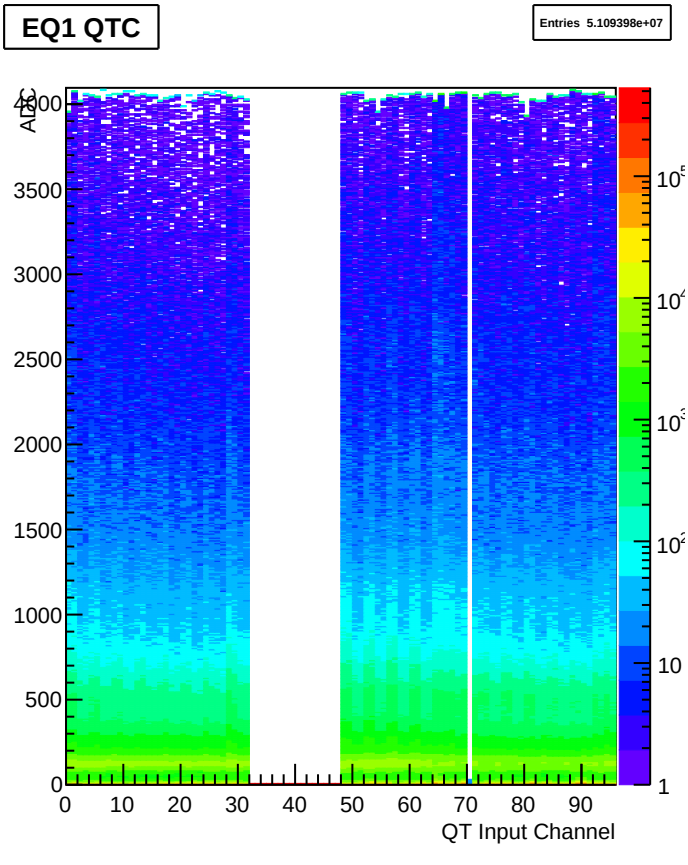

BBQ-VP001 East
Entries 8515664
TAC
QT Input Channel

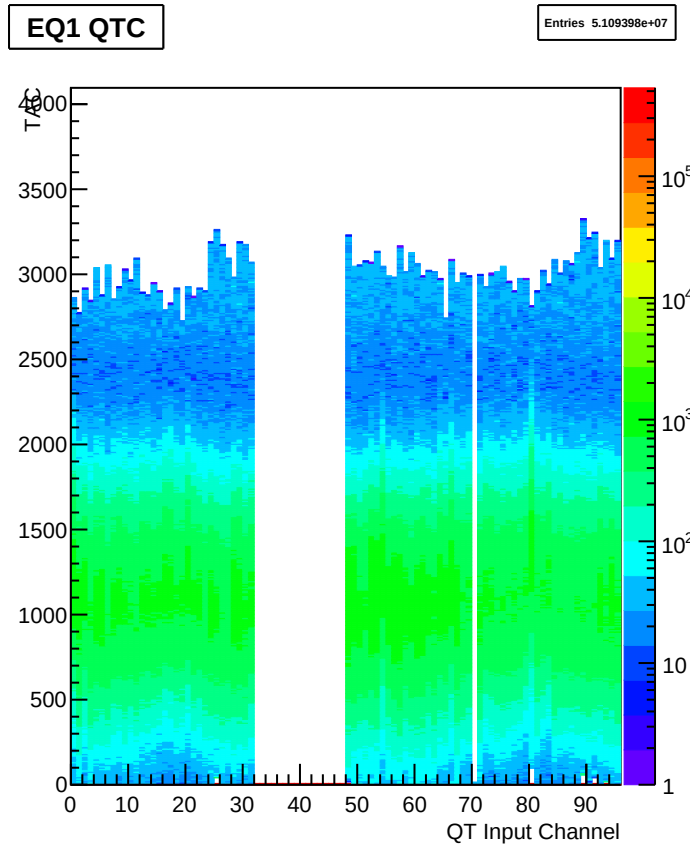

BBQ-VP002 West
Entries 8515664
ADC
QT Input Channel

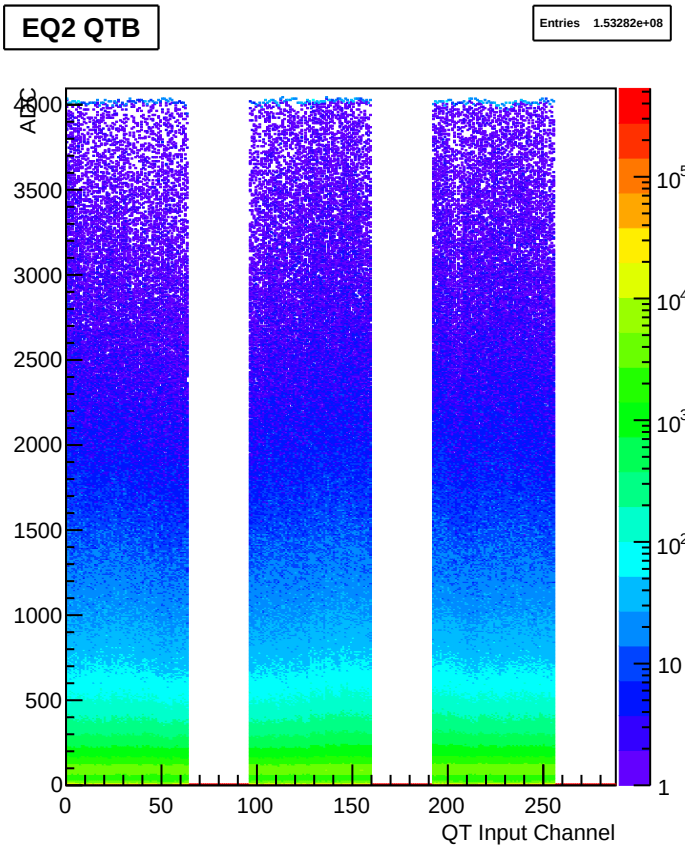

BBQ-VP002 West
Entries 8515664
TAC
QT Input Channel

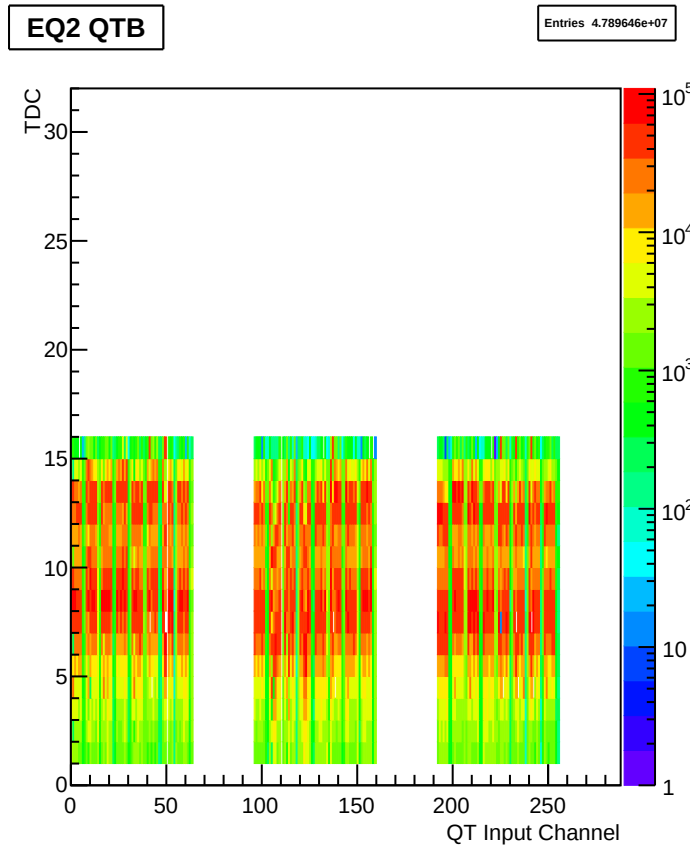

EQ1 QTB
Entries 1.53282e+08
ADC
QT Input Channel

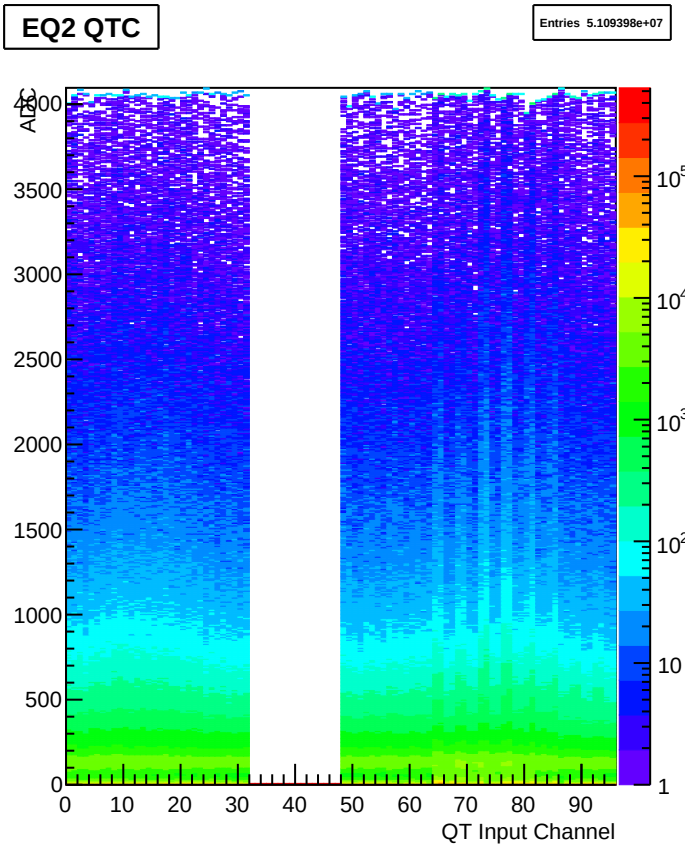

EQ1 QTB
Entries 5.082908e+07
TDC
QT Input Channel

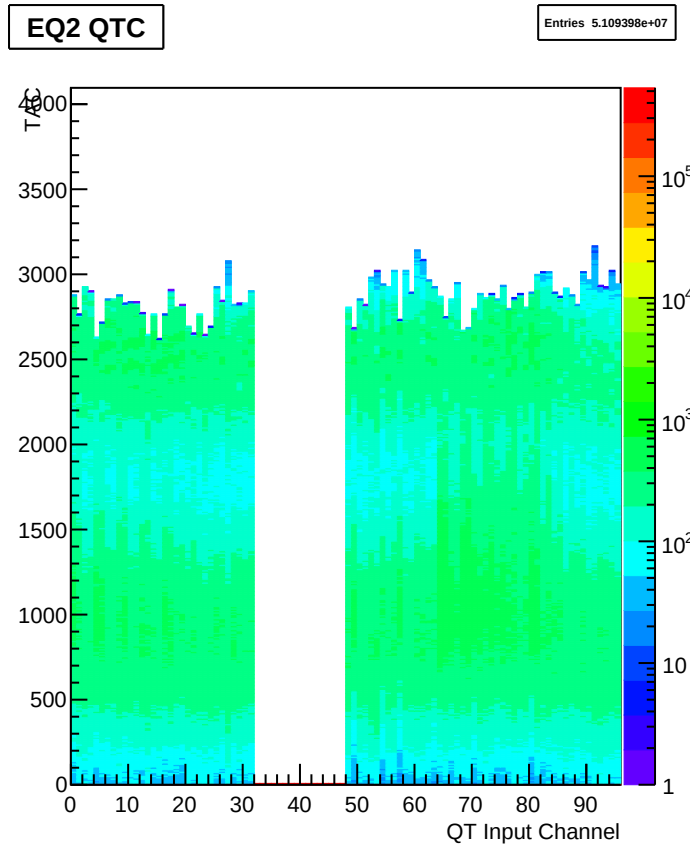

EQ1 QTC
Entries 5.109398e+07
ADC
QT Input Channel

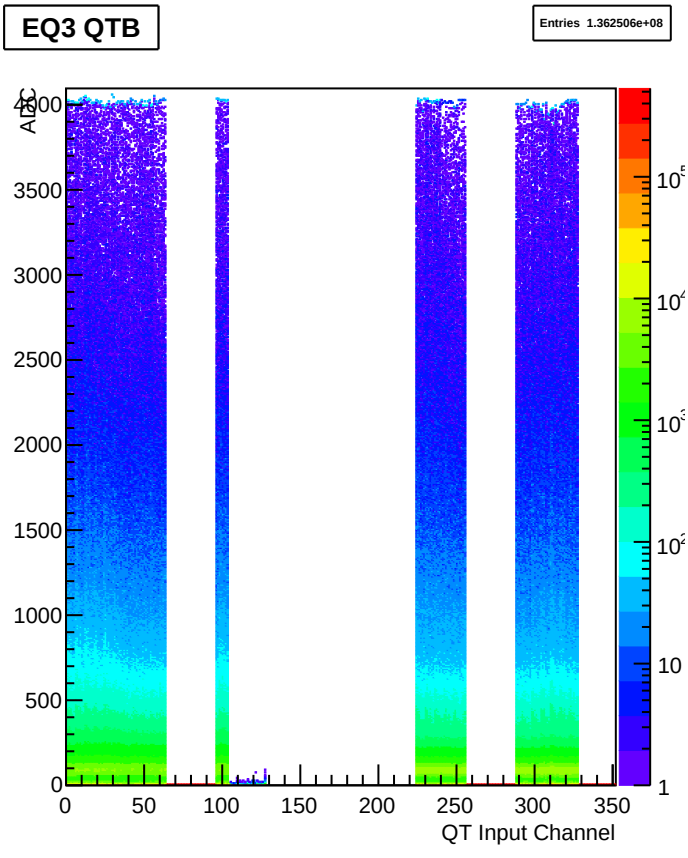

EQ1 QTC
Entries 5.109398e+07
TADC
QT Input Channel

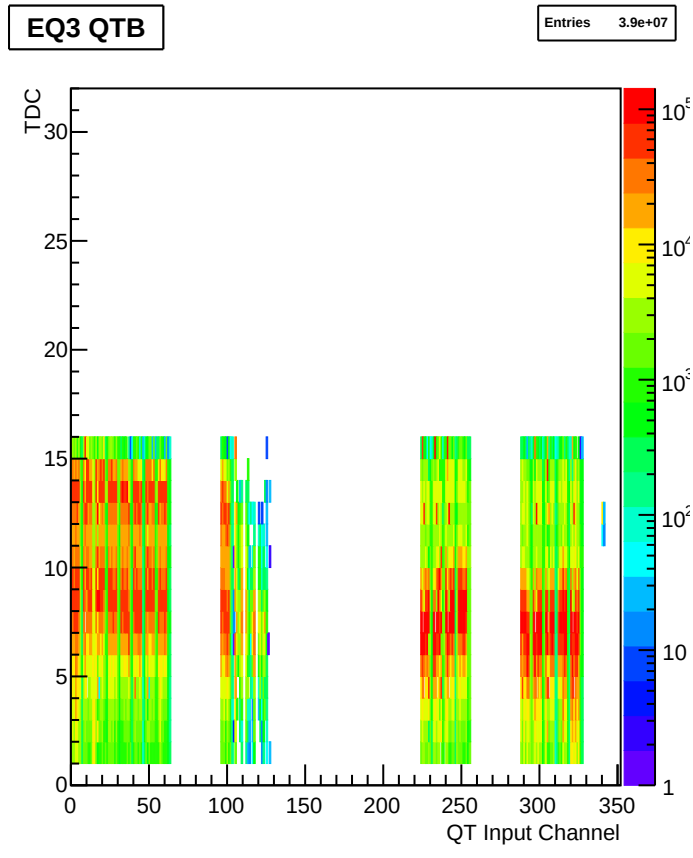

EQ2 QTB
Entries 1.53282e+08
ADC
QT Input Channel

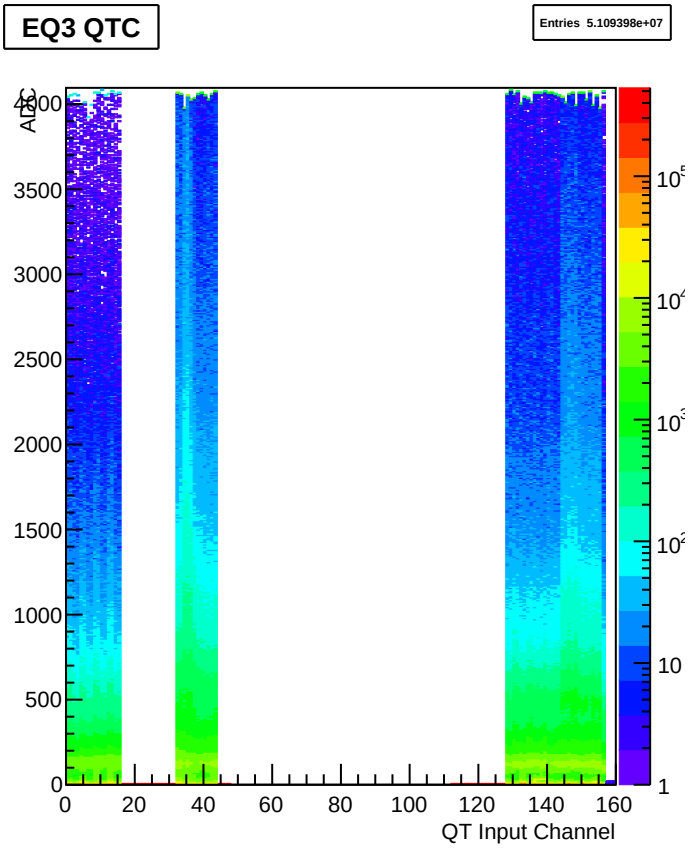

EQ2 QTB
Entries 4.789646e+07
TDC
QT Input Channel

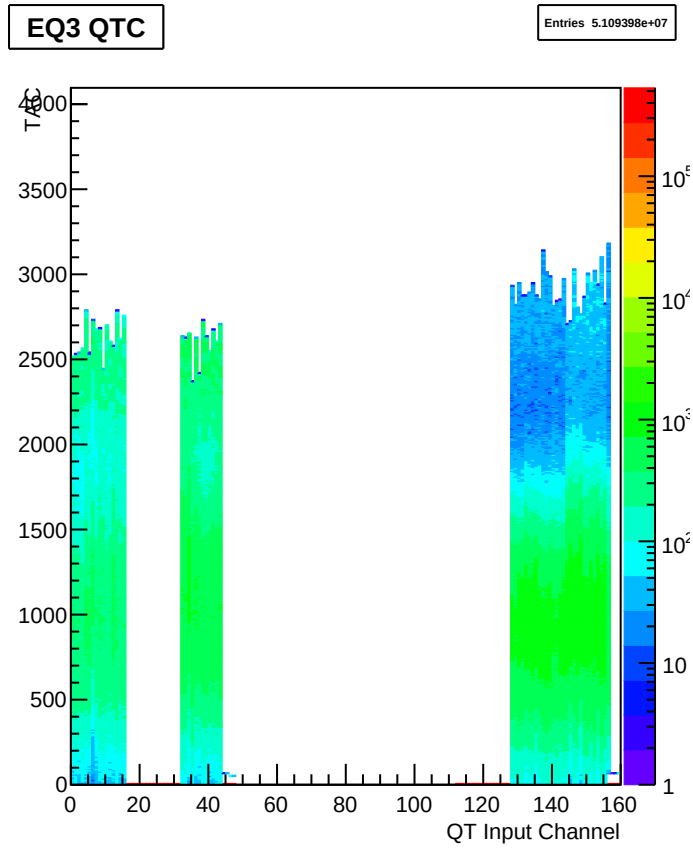

EQ2 QTC
Entries 5.109398e+07
ADC
QT Input Channel

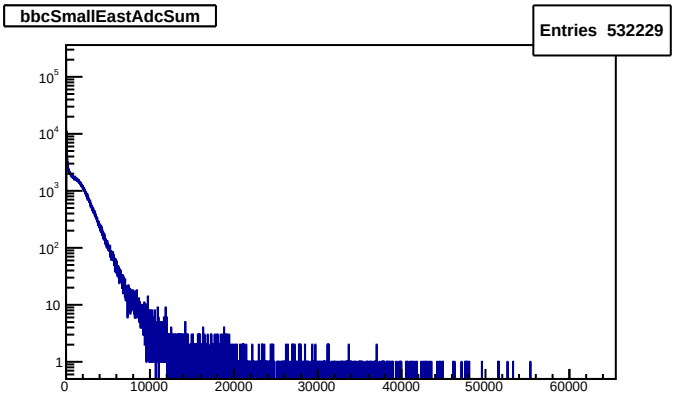

EQ2 QTC
Entries 5.109398e+07
TADC
QT Input Channel

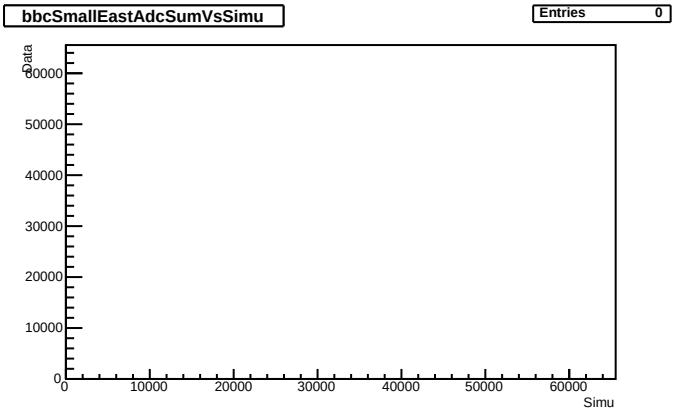

EQ3 QTB
Entries 1.362506e+08
ADC
QT Input Channel

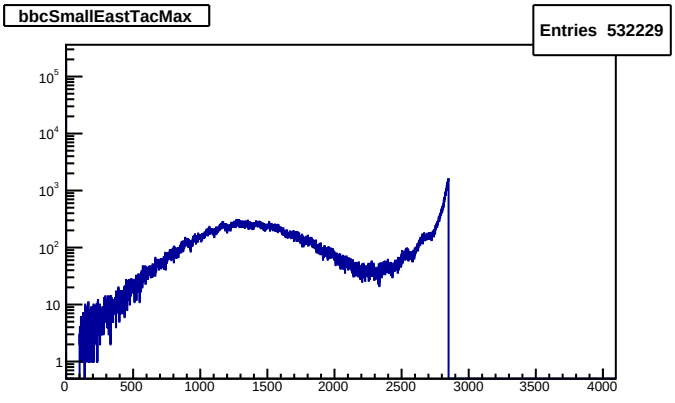

EQ3 QTB
Entries 3.9e+07
TDC
QT Input Channel

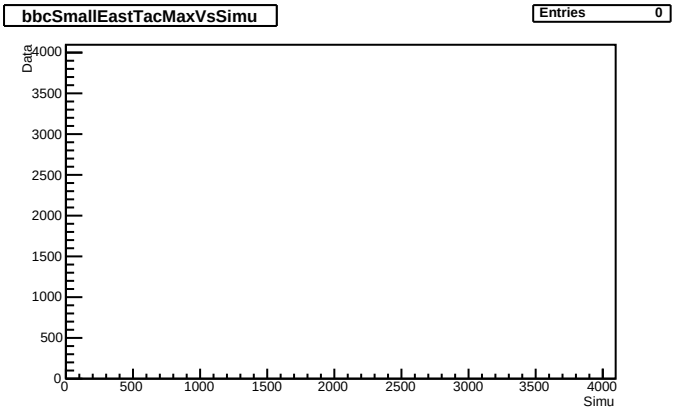

EQ3 QTC
Entries 5.109398e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.109398e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 532229


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 532229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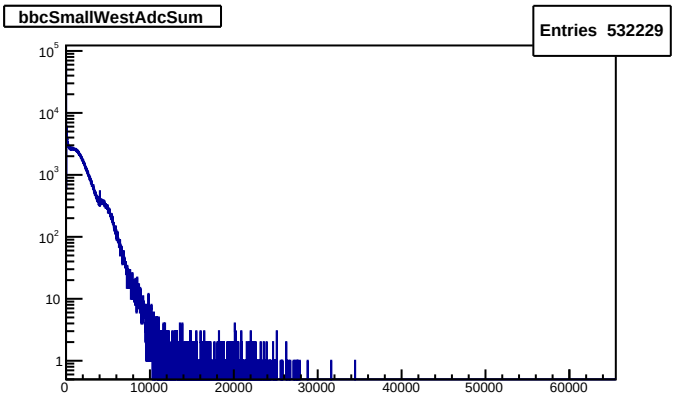
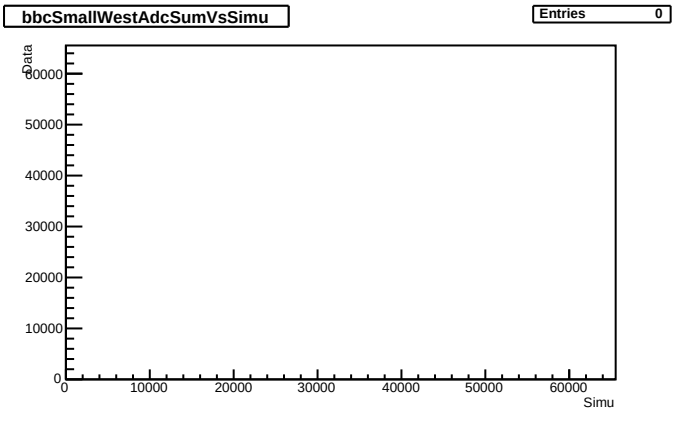
Data
Simu


bbcSmallWestAdcSum
Entries 532229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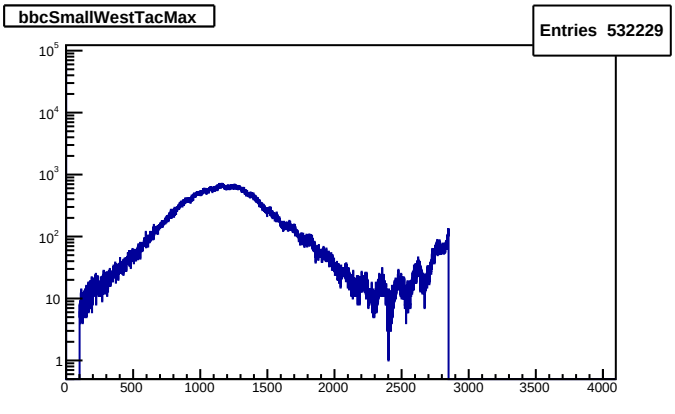
Data
Simu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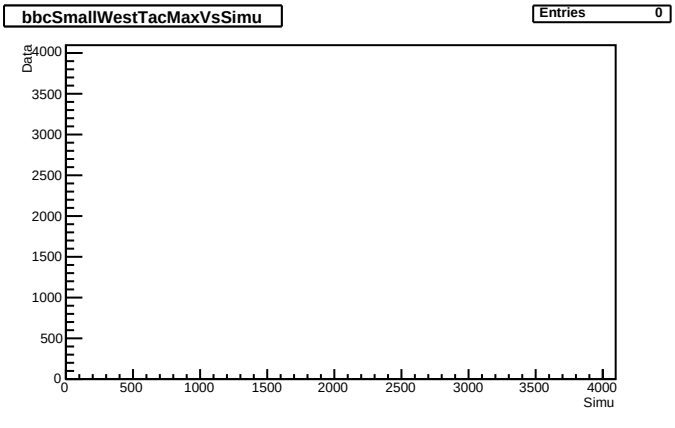
Entries 532229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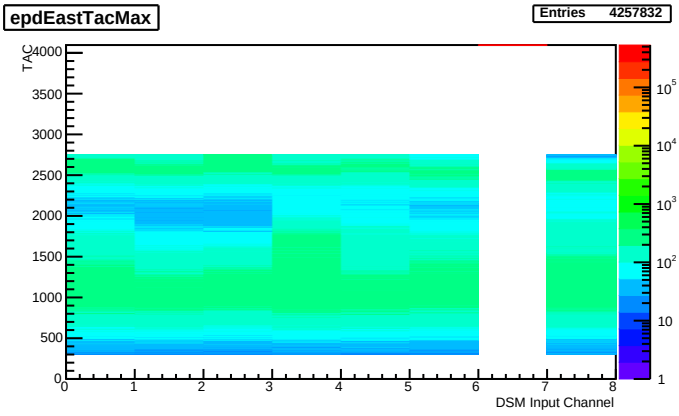
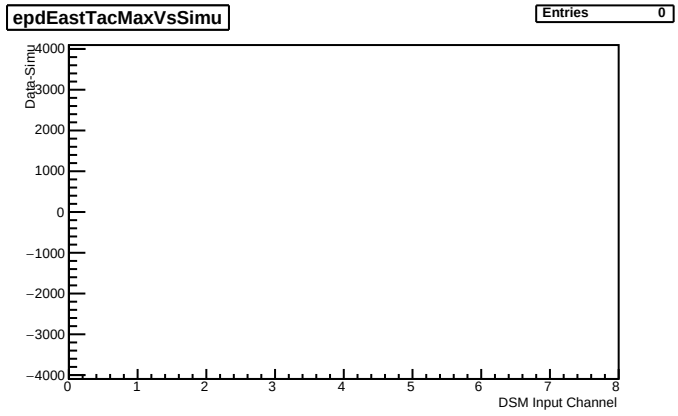
Entries 0
Data
Simu


epdEastTacMax
Entries 4257832
TAC
DSM Input Channel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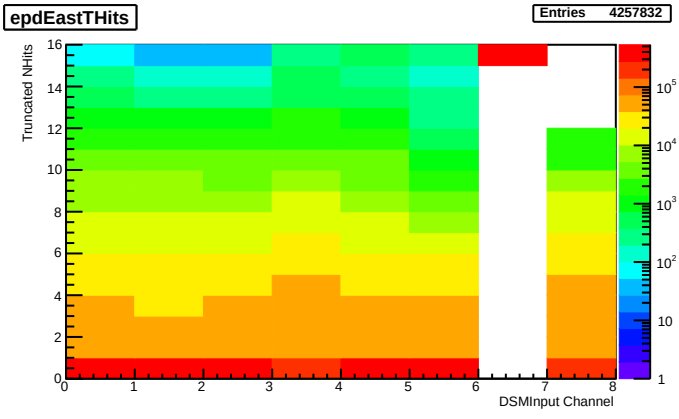
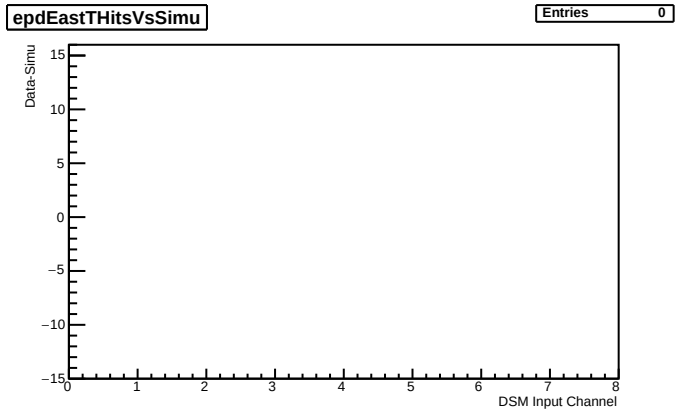
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4257832
Truncated NHits
DSMInput Channel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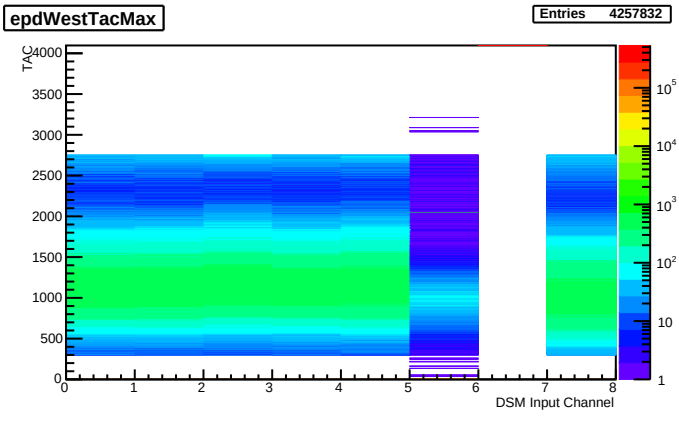
Entries 0
Data-Simu
DSM Input Channel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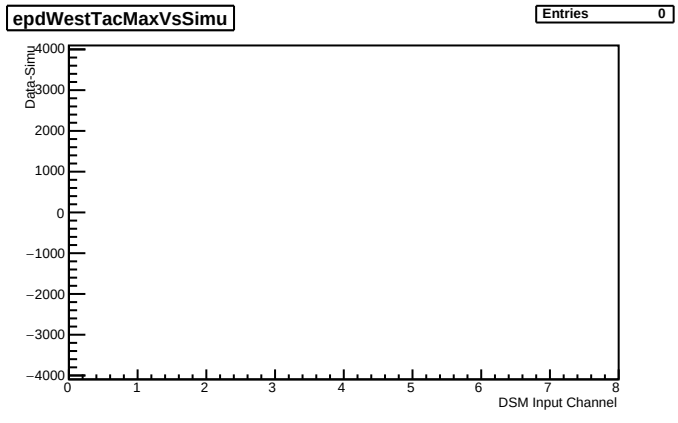
Entries 4257832
TAC
DSM Input Channel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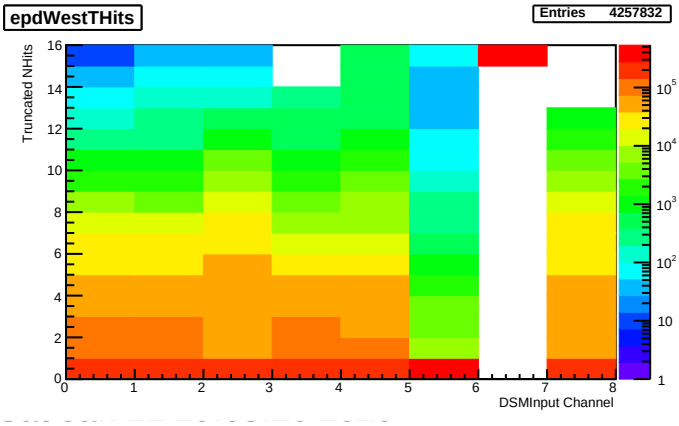
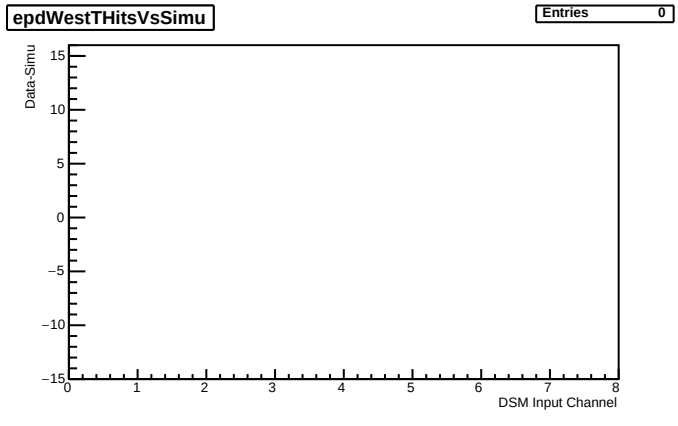
DSM Input Channel


epdWestTHits
Entries 4257832
Truncated NHits
DSMInput Channel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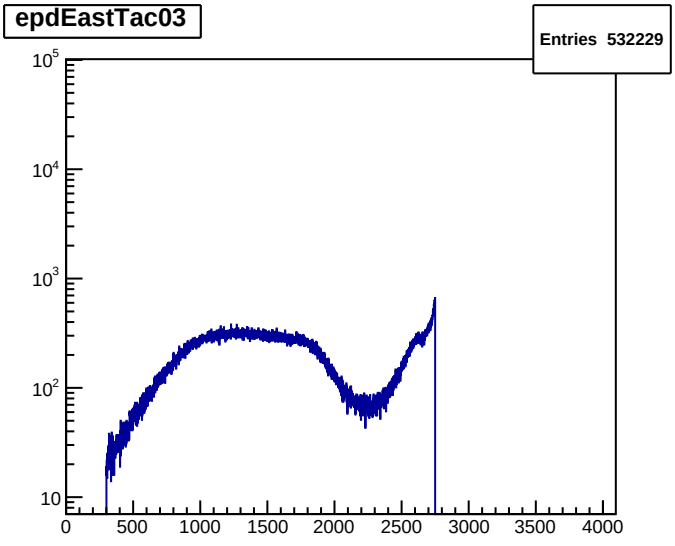
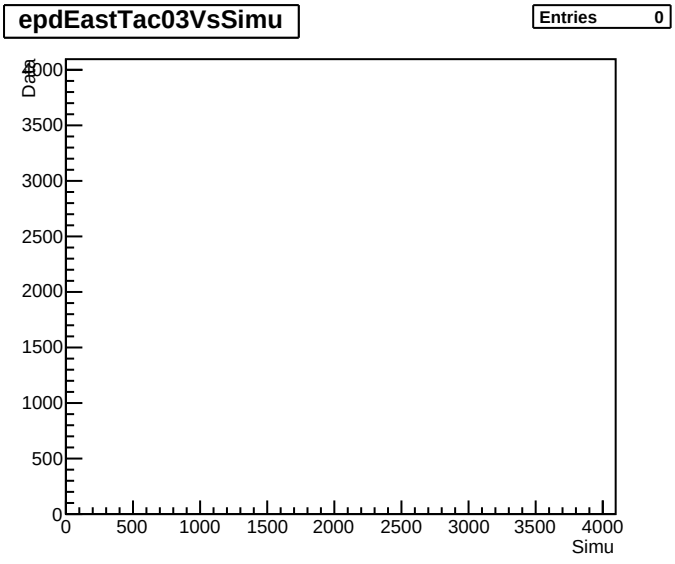
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 532229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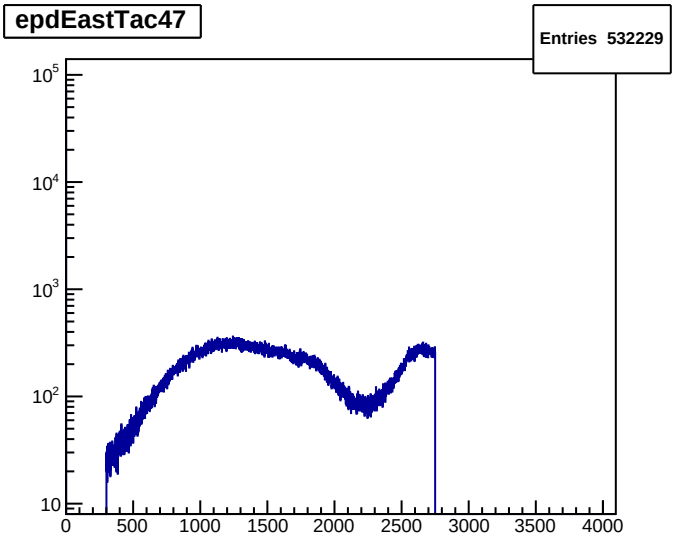
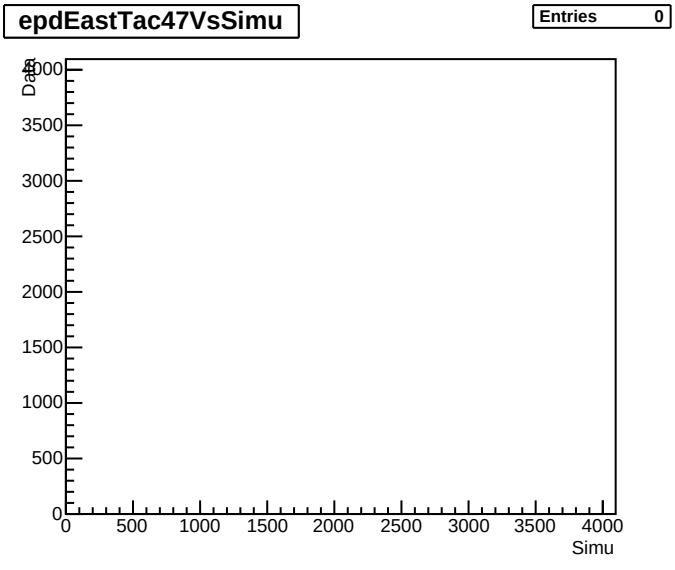
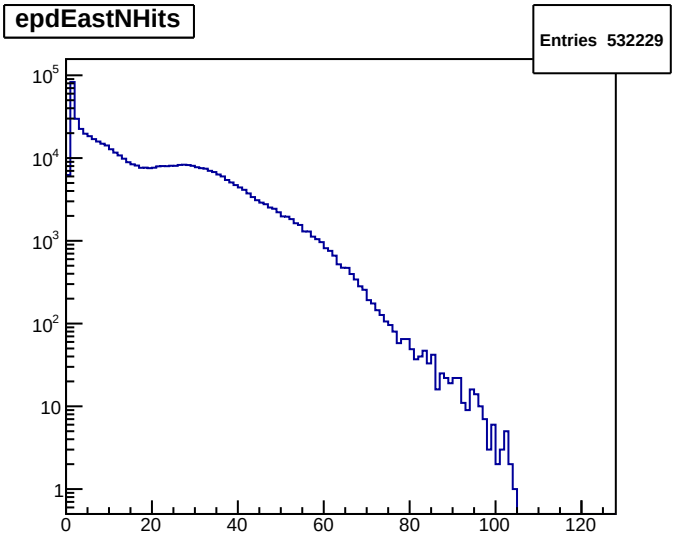
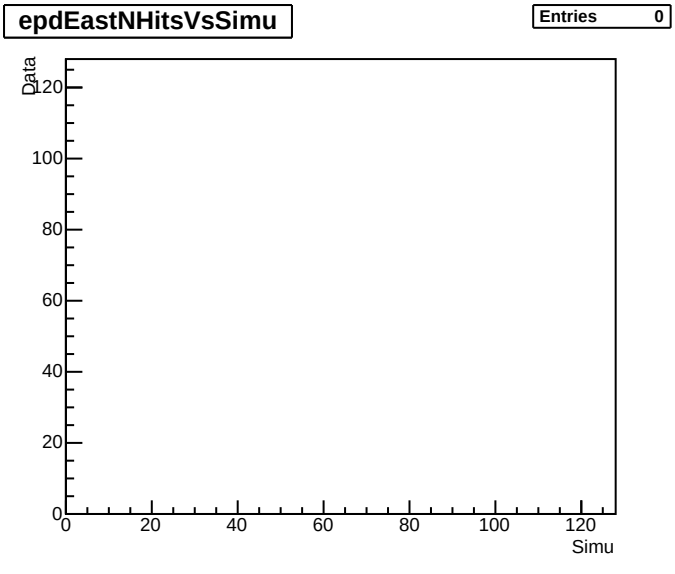
Entries 0
Data
Simu


epdEastTac47
Entries 532229


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 532229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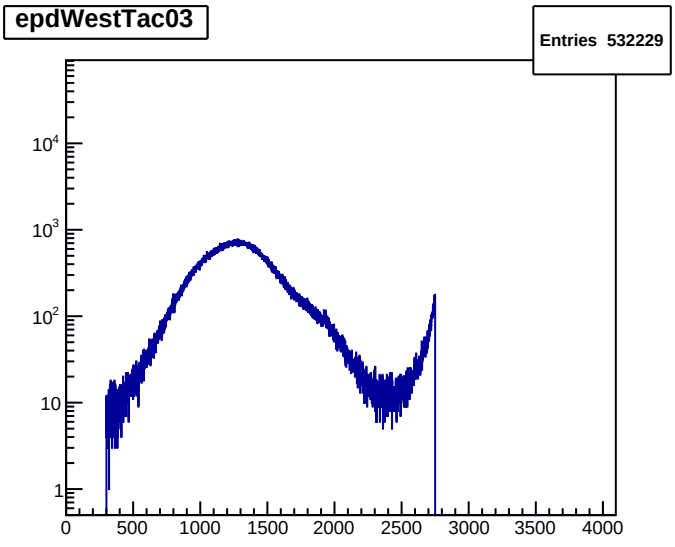
Entries 0
Data
Simu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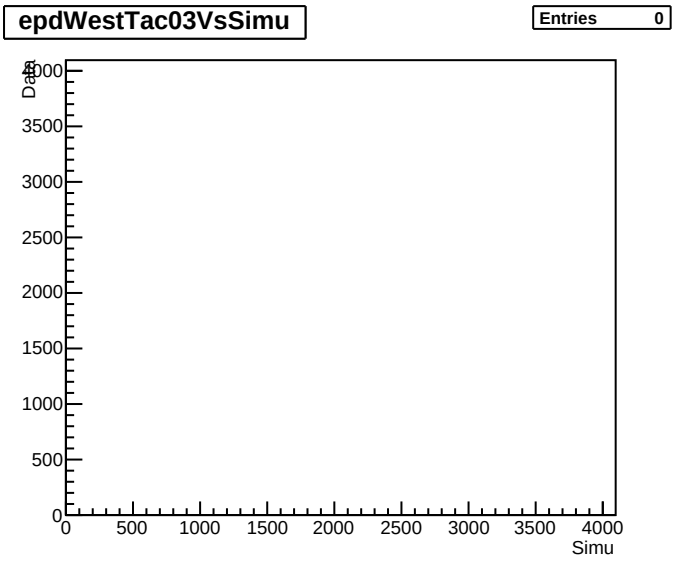
Entries 532229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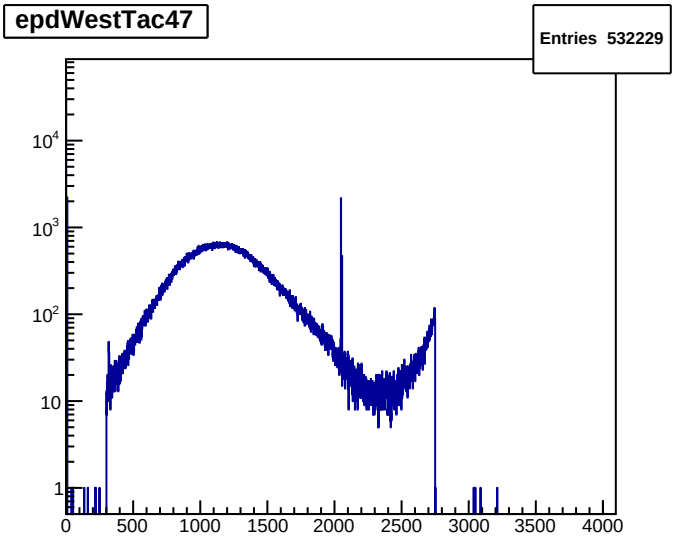
Entries 0
Data
Simu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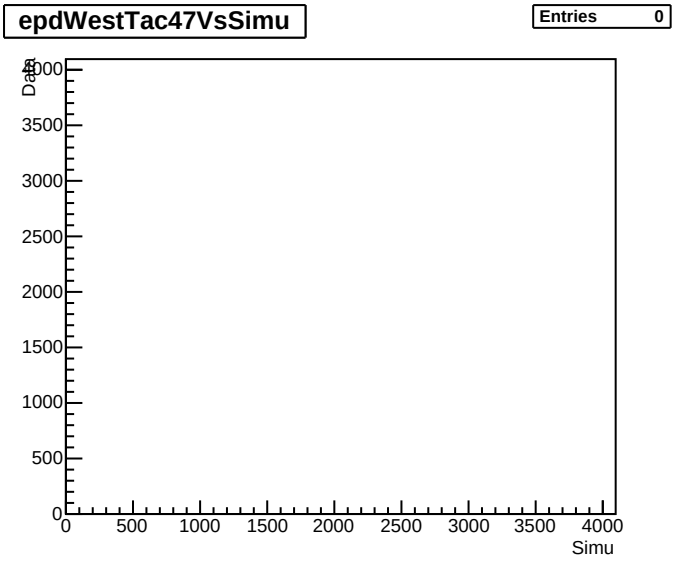
Entries 532229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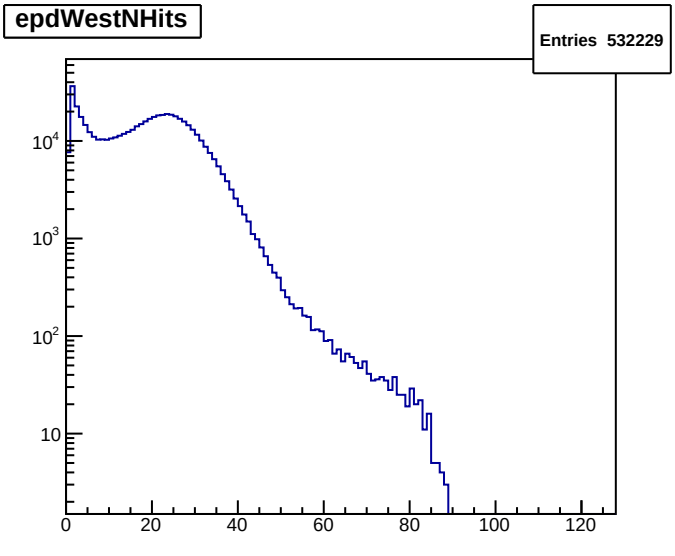
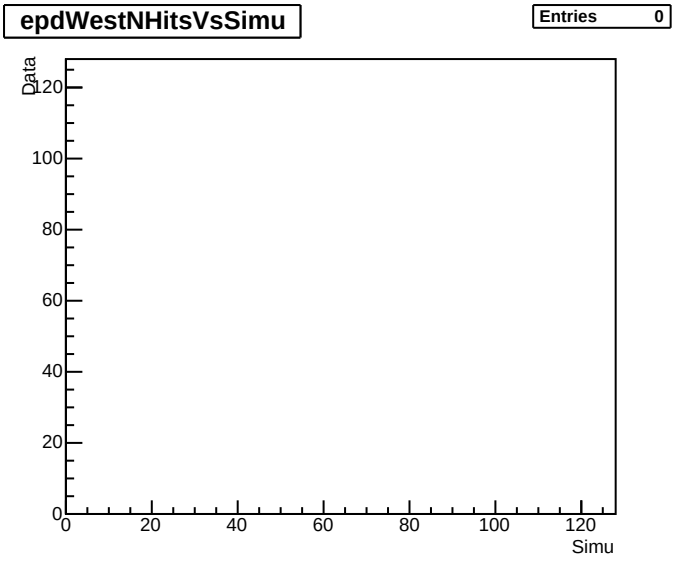
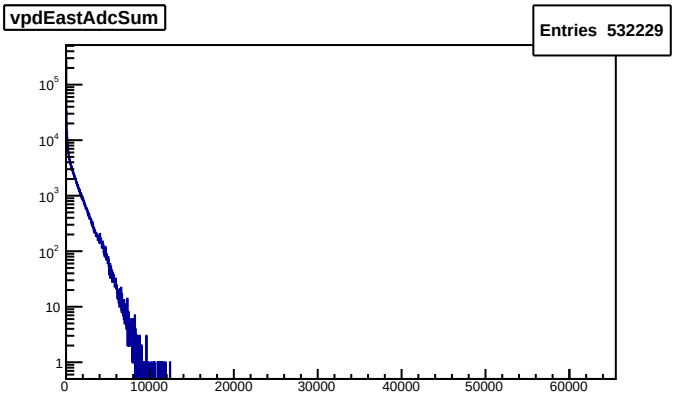
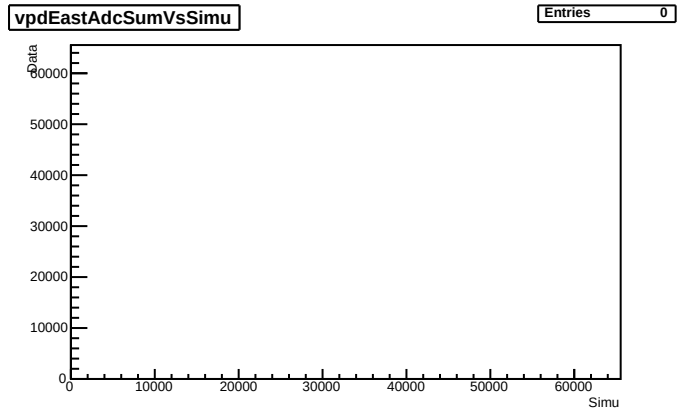
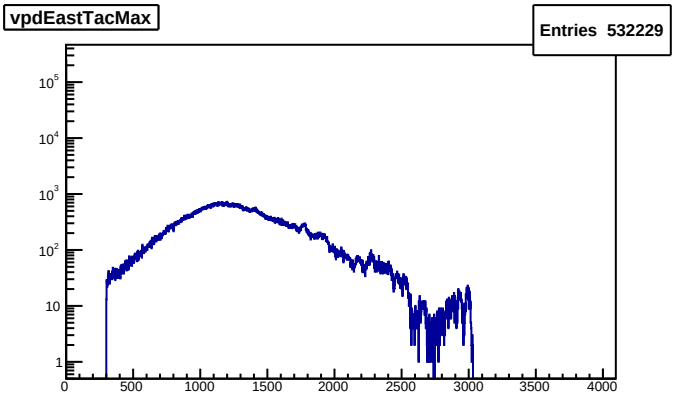
Data
Simu

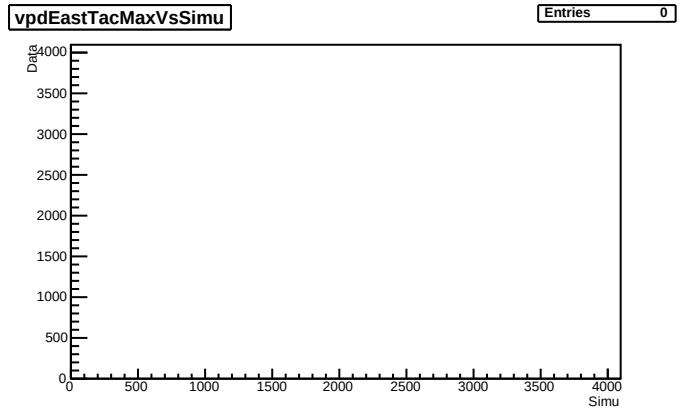

epdWestNHits
Entries 532229

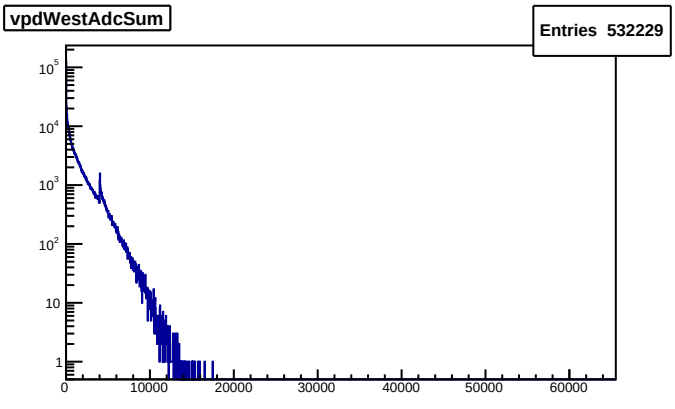

epdWestNHitsVsSimu
Entries 0
Data
Simu

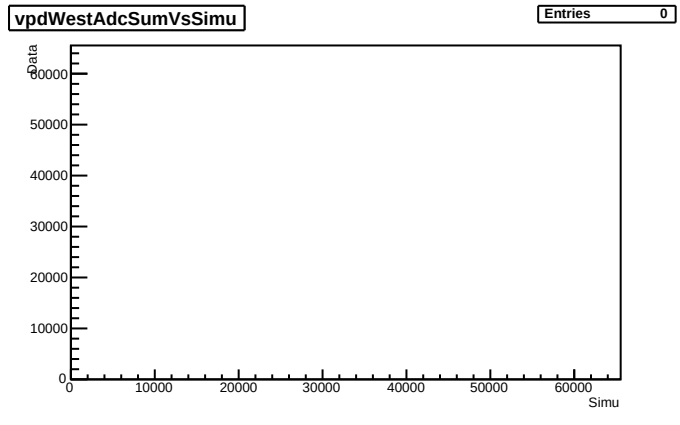

vpdEastAdcSum
Entries 532229


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 532229


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 532229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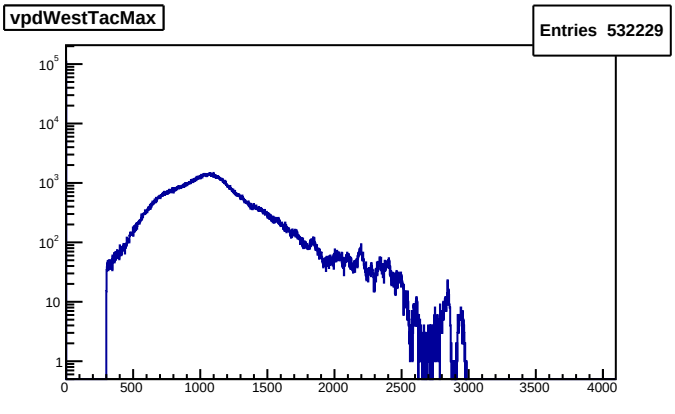
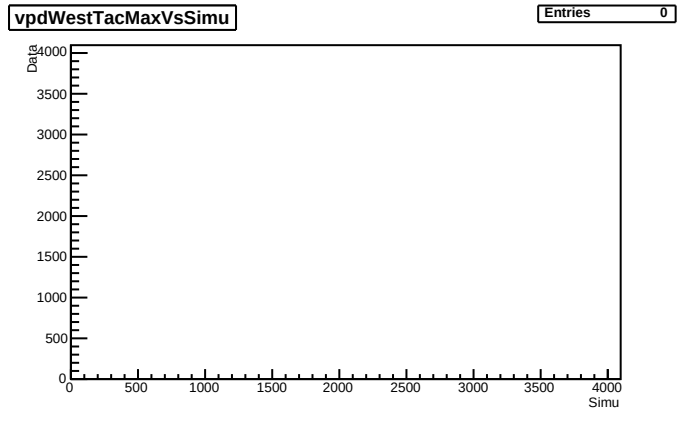
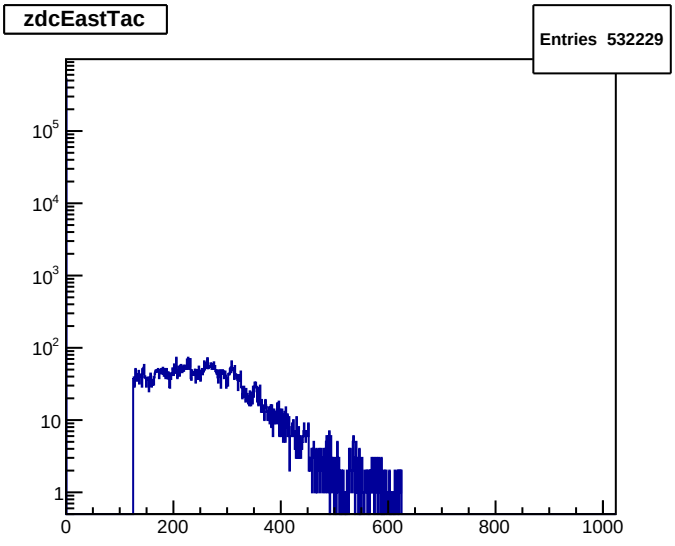
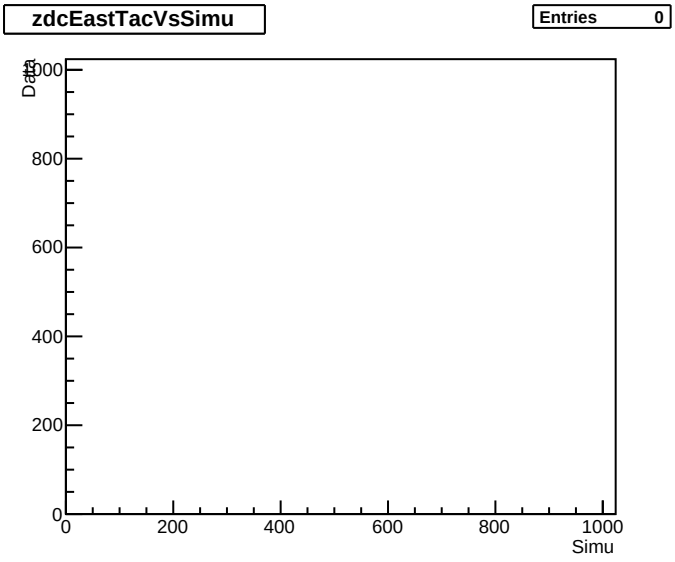
Entries 0
Data
Simu


vpdWestTacMax
Entries 532229


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 532229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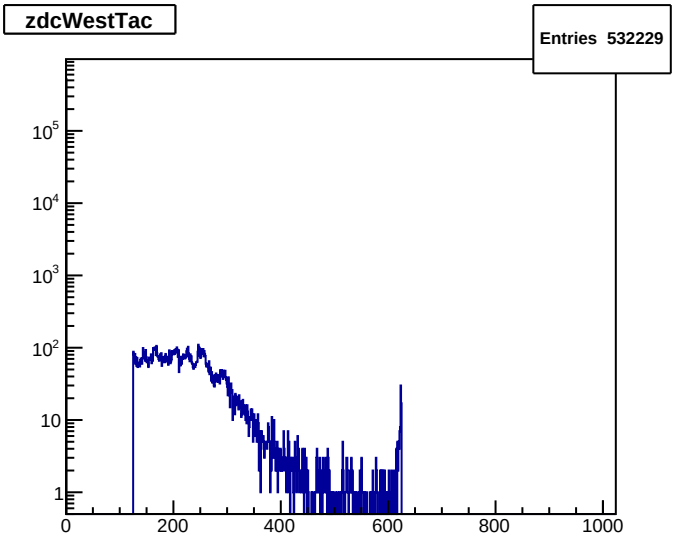
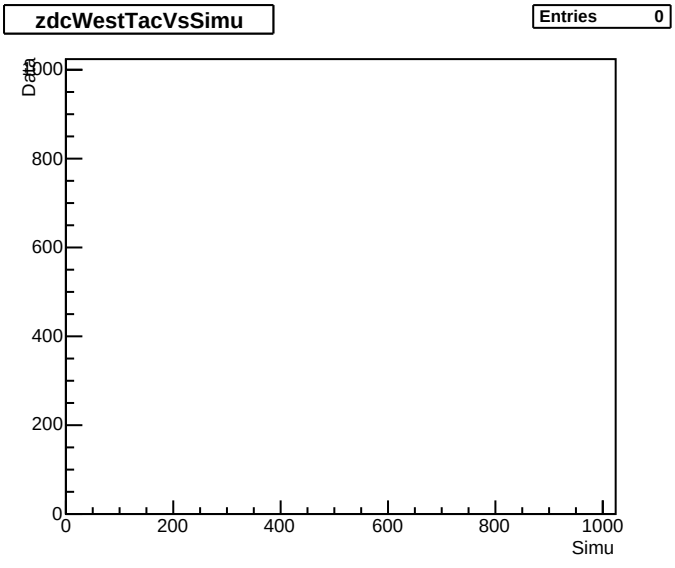
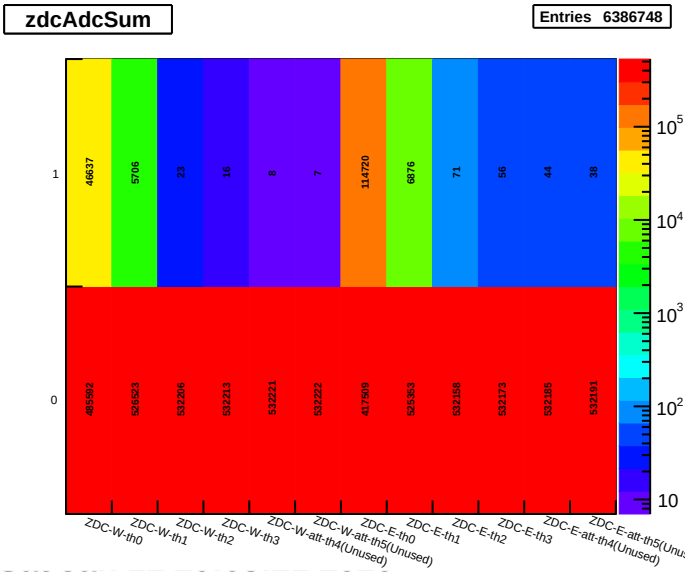
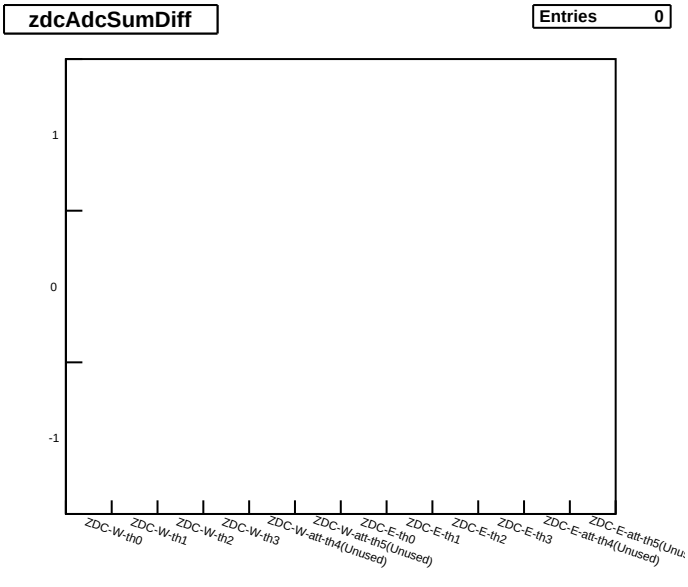
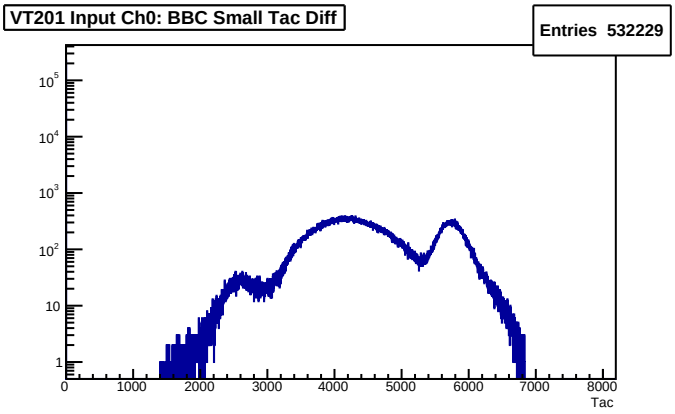
Entries 0
Data
Simu

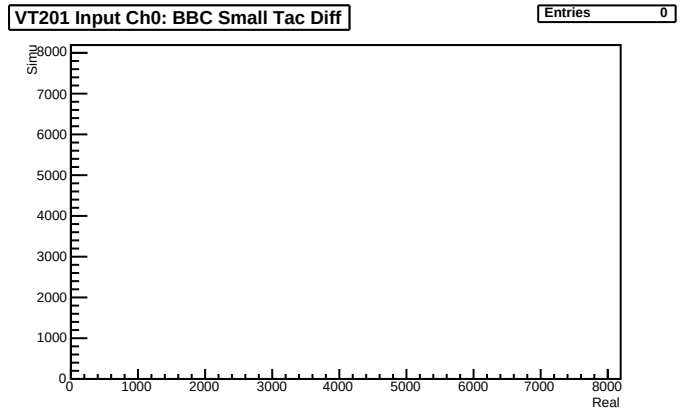

zdcWestTac
Entries 532229

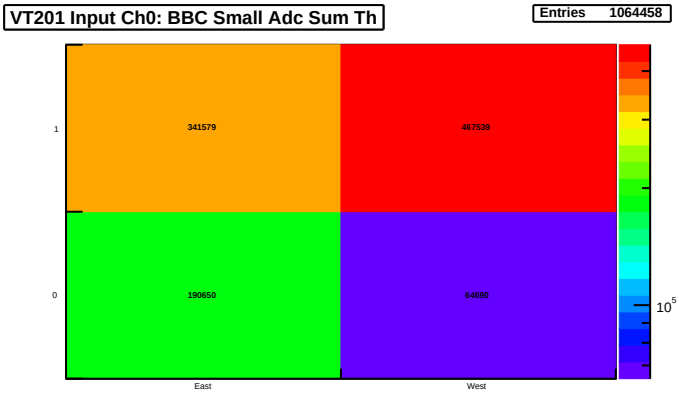

zdcWestTacVsSimu
Entries 0
Data
Simu

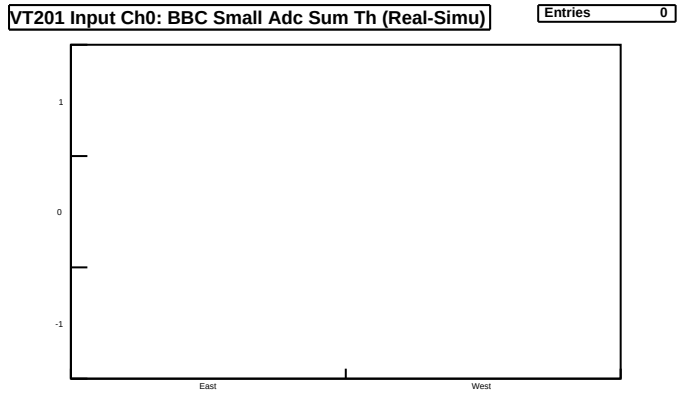

zdcAdcSum
Entries 6386748
46637
5706
23
16
8
7
114720
6876
71
56
44
38
485592
526523
532206
532213
532221
532222
417509
525353
532158
532173
532185
532191
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

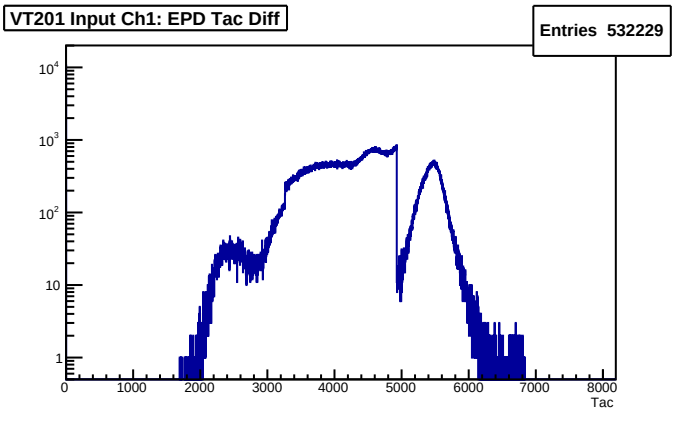

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

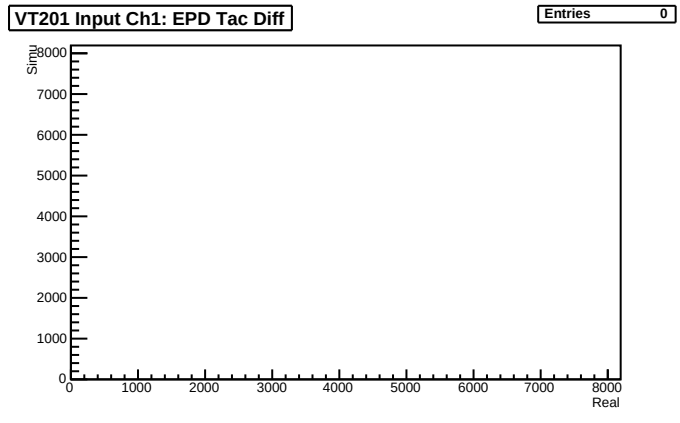

VT201 Input Ch0: BBC Small Tac Diff
Entries 532229
Tac

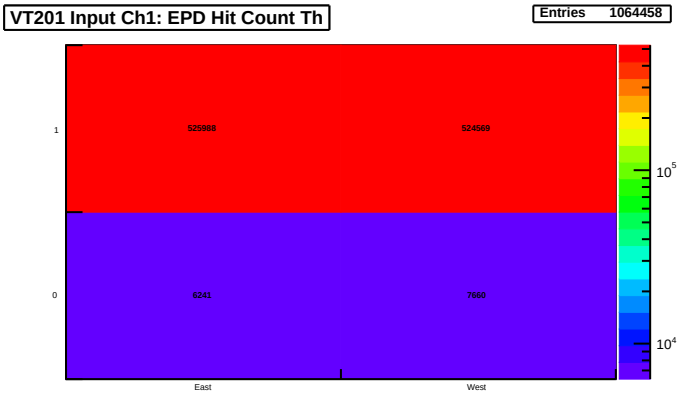

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

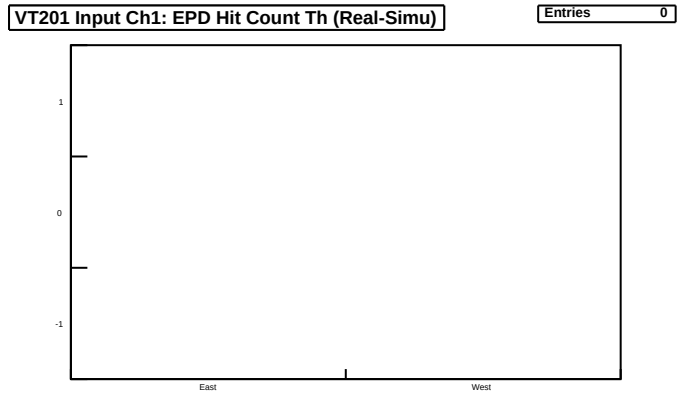

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1064458
341579
467539
190650
64690
East
West

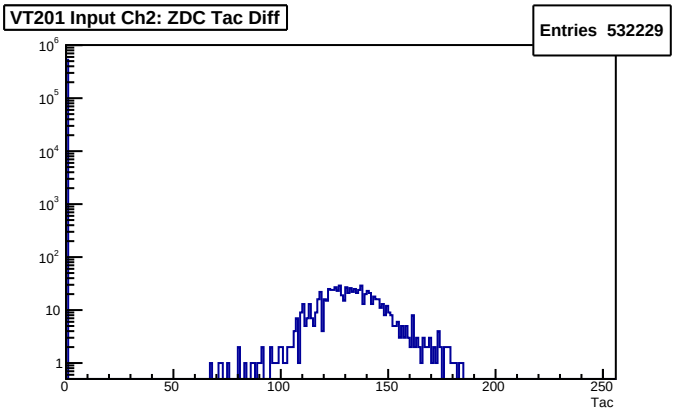

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

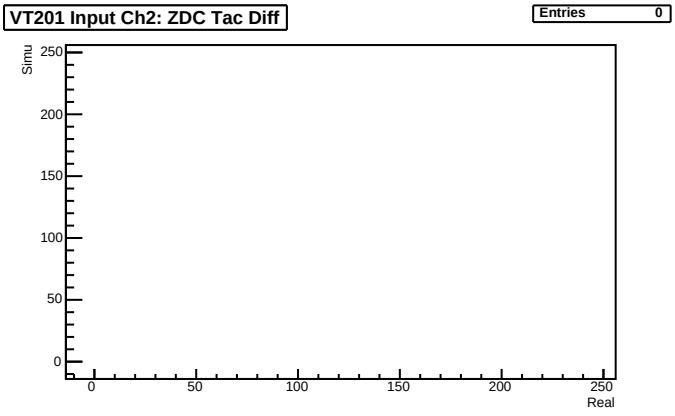

VT201 Input Ch1: EPD Tac Diff
Entries 532229
Tac

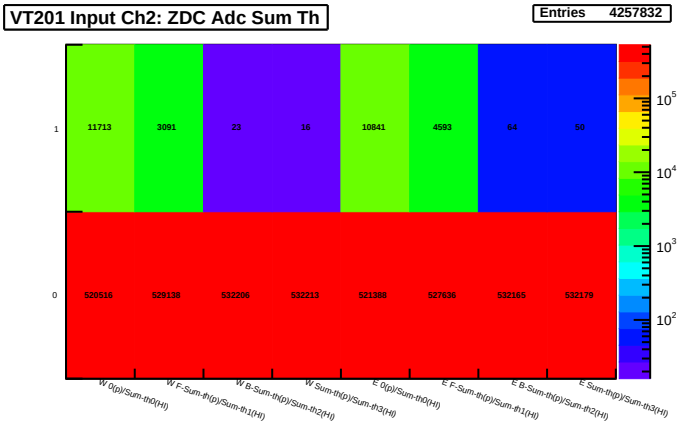

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

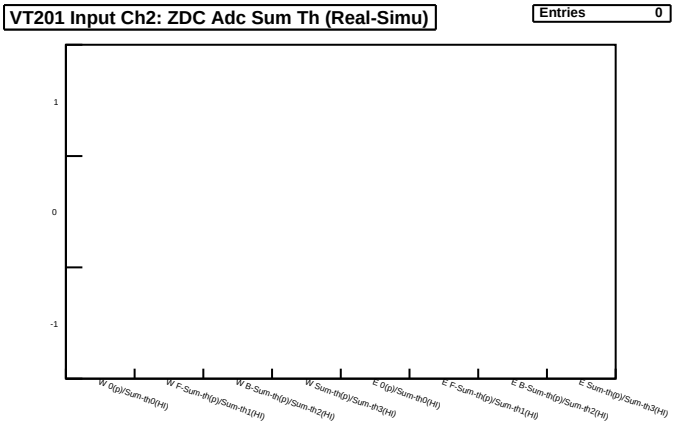

VT201 Input Ch1: EPD Hit Count Th
Entries 1064458
525988
524569
6241
7660
East
West

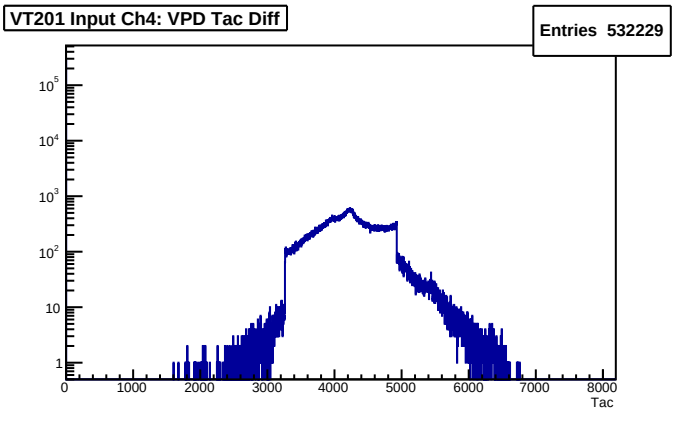

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

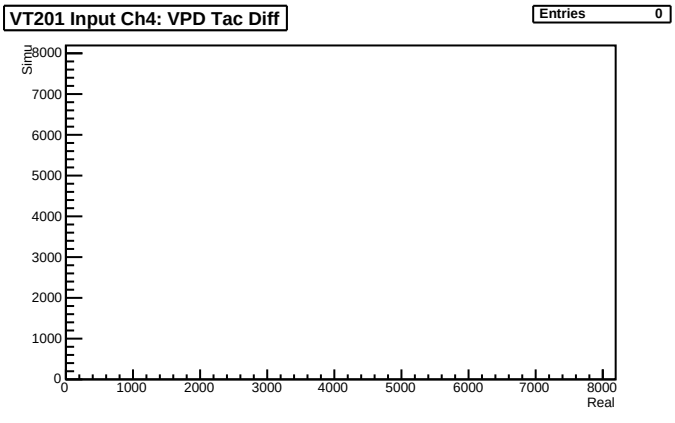

VT201 Input Ch2: ZDC Tac Diff
Entries 532229
Tac

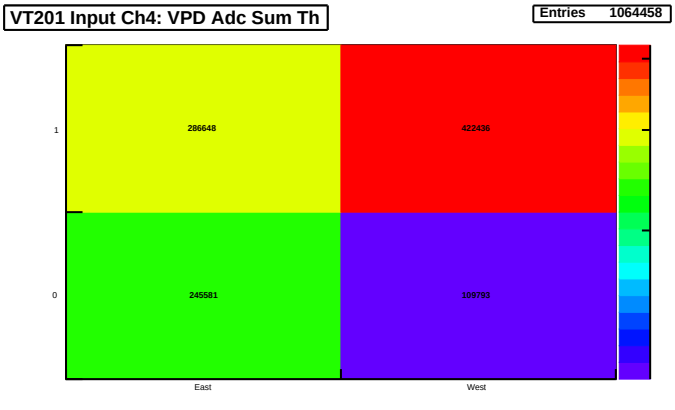

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

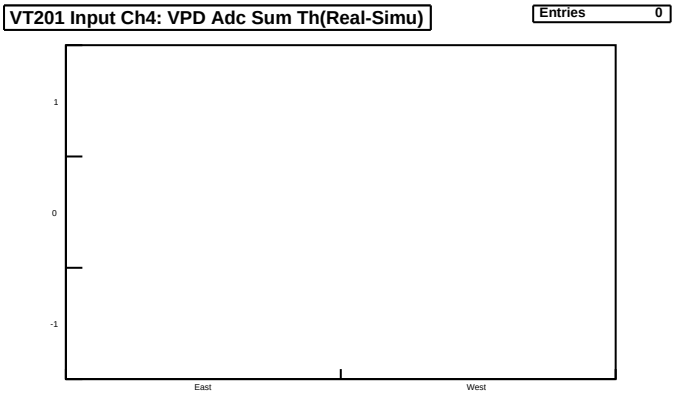

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4257832
11713
3091
23
16
10841
4593
64
50
520516
529138
532206
532213
521388
527636
532165
532179
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

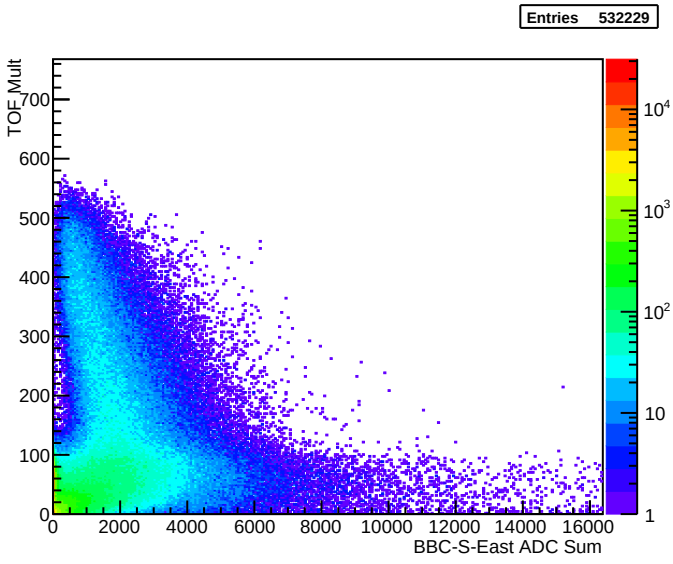

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

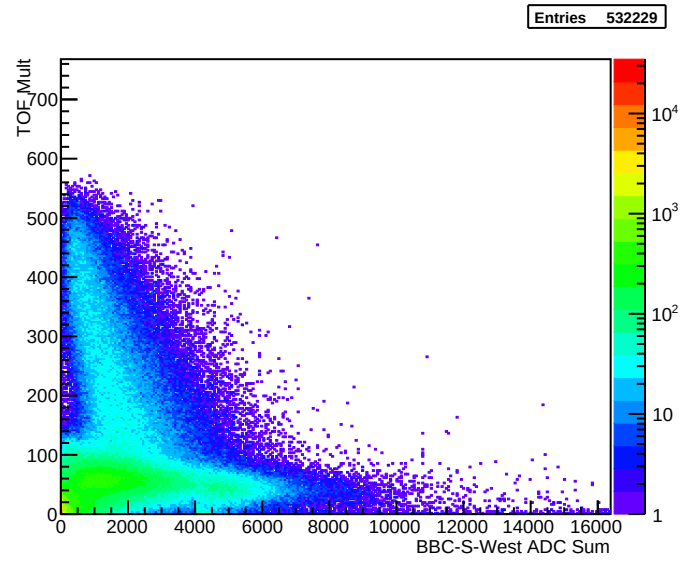

VT201 Input Ch4: VPD Tac Diff
Entries 532229
Tac

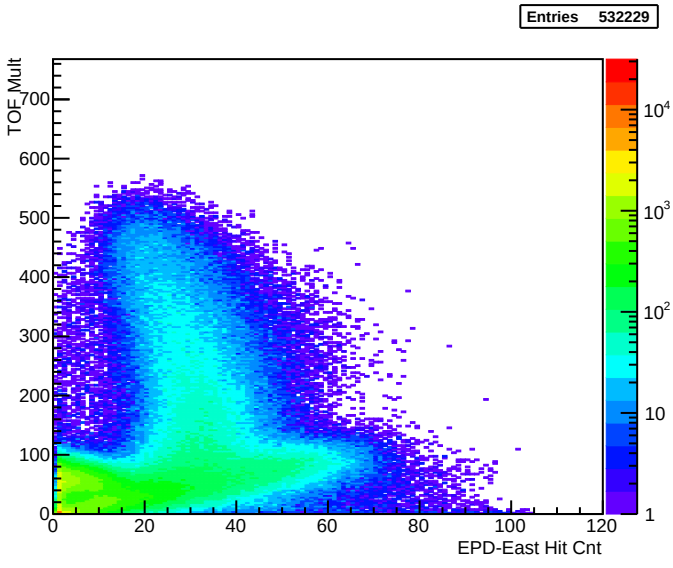

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

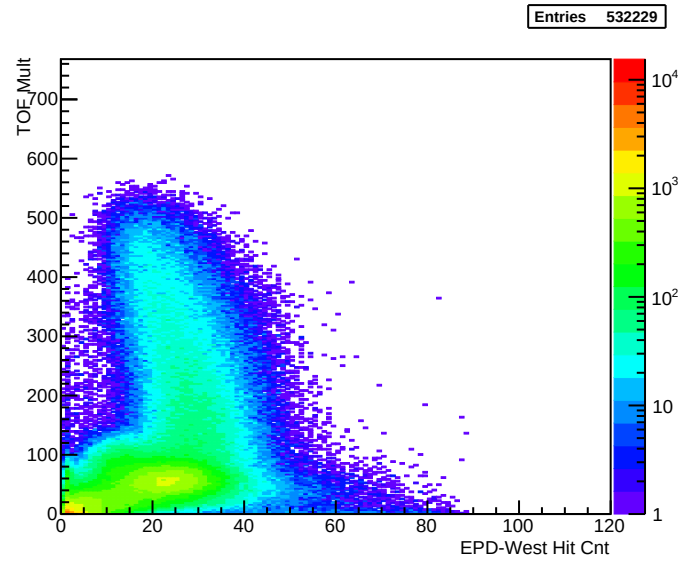

VT201 Input Ch4: VPD Adc Sum Th
Entries 1064458
286648
422436
245581
109793
East
West

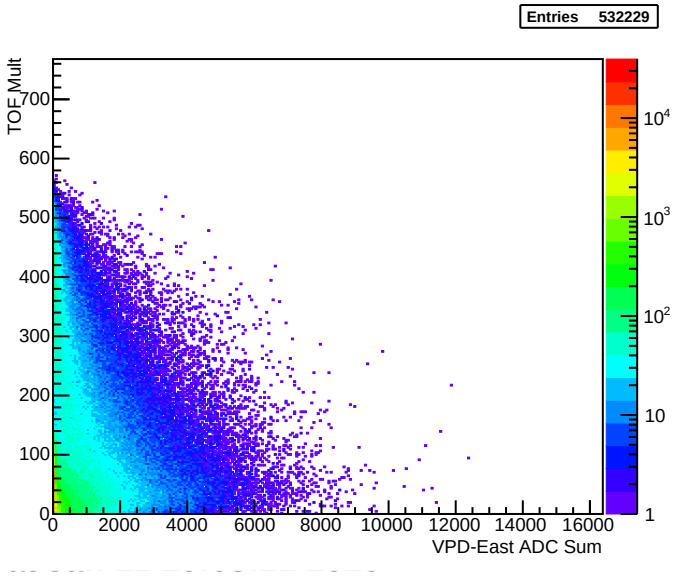

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

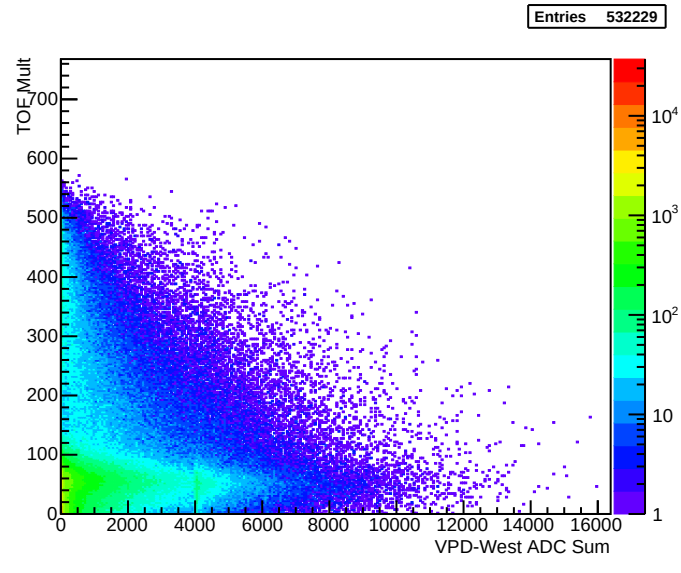

Entries 532229
TOF_Mult
BBC-S-East ADC Sum

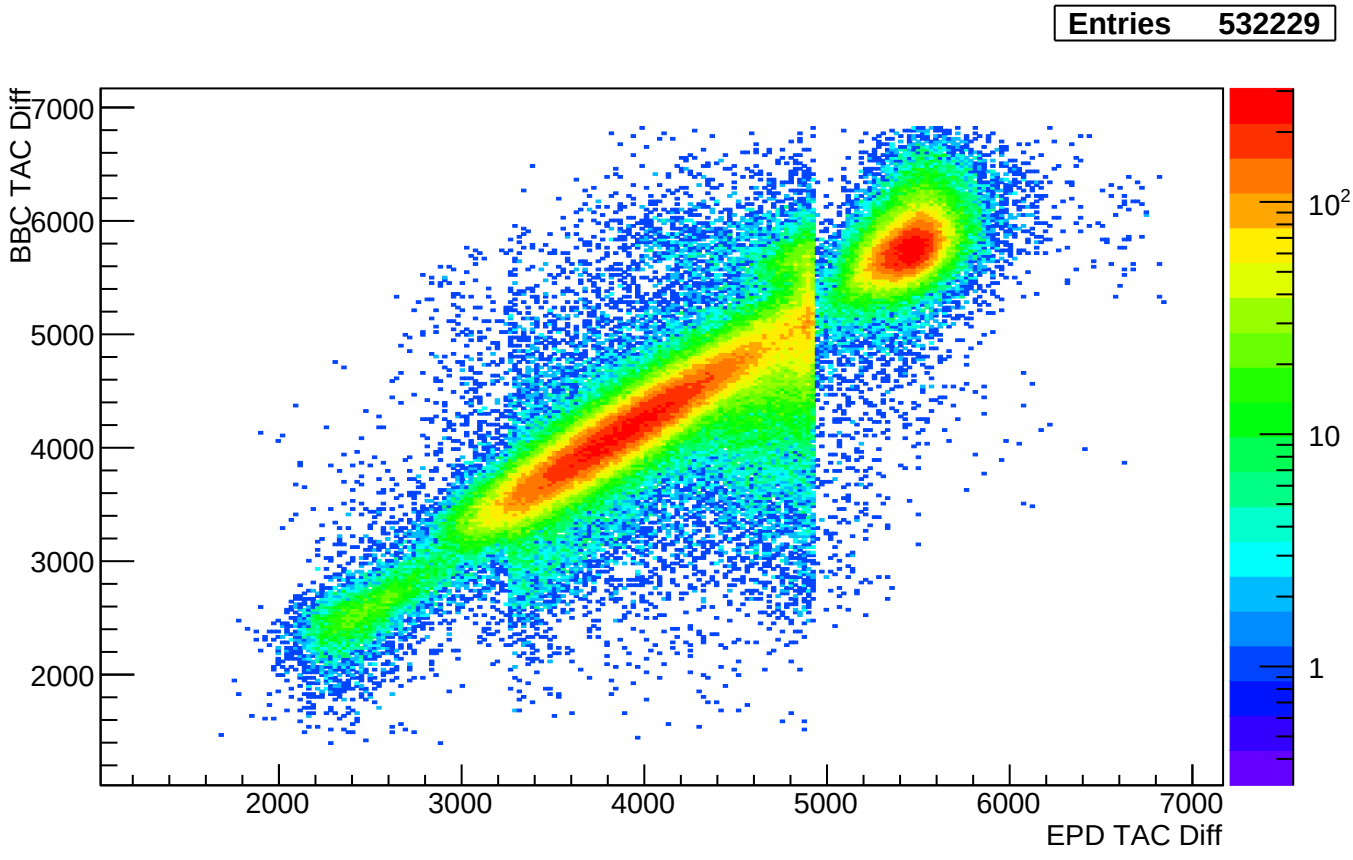

Entries 532229
TOF_Mult
BBC-S-West ADC Sum

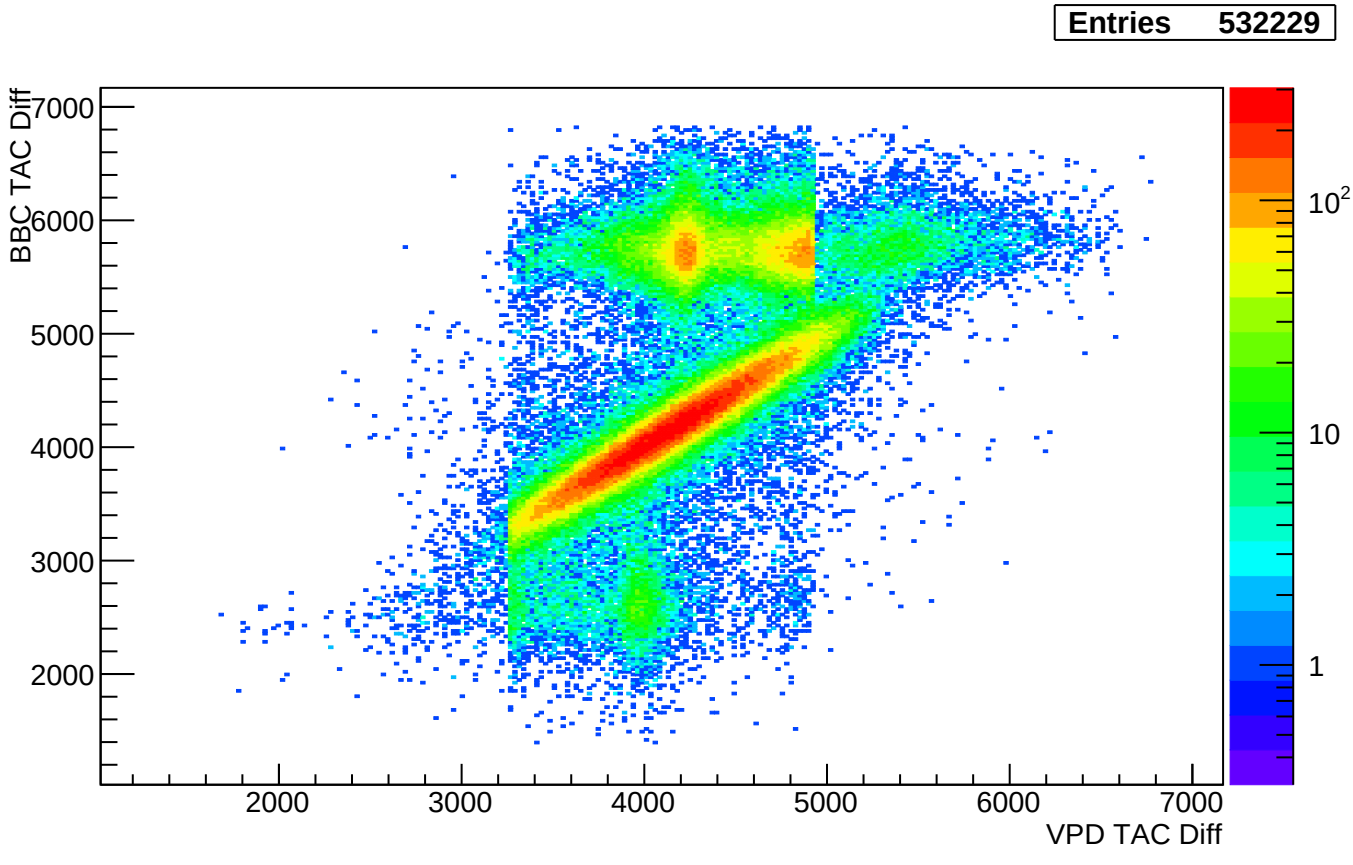

Entries 532229
TOF_Mult
EPD-East Hit Cnt

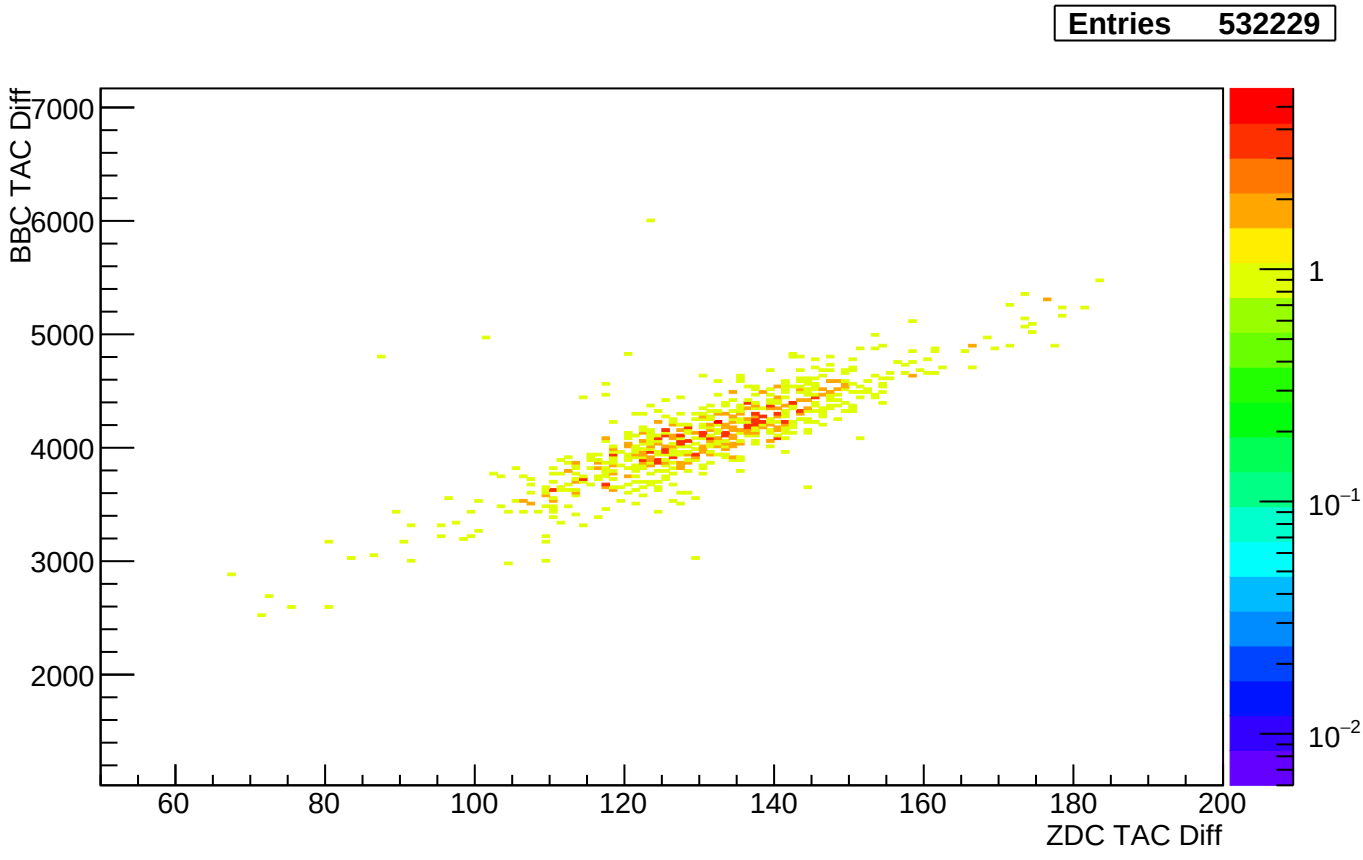

Entries 532229
TOF_Mult
EPD-West Hit Cnt

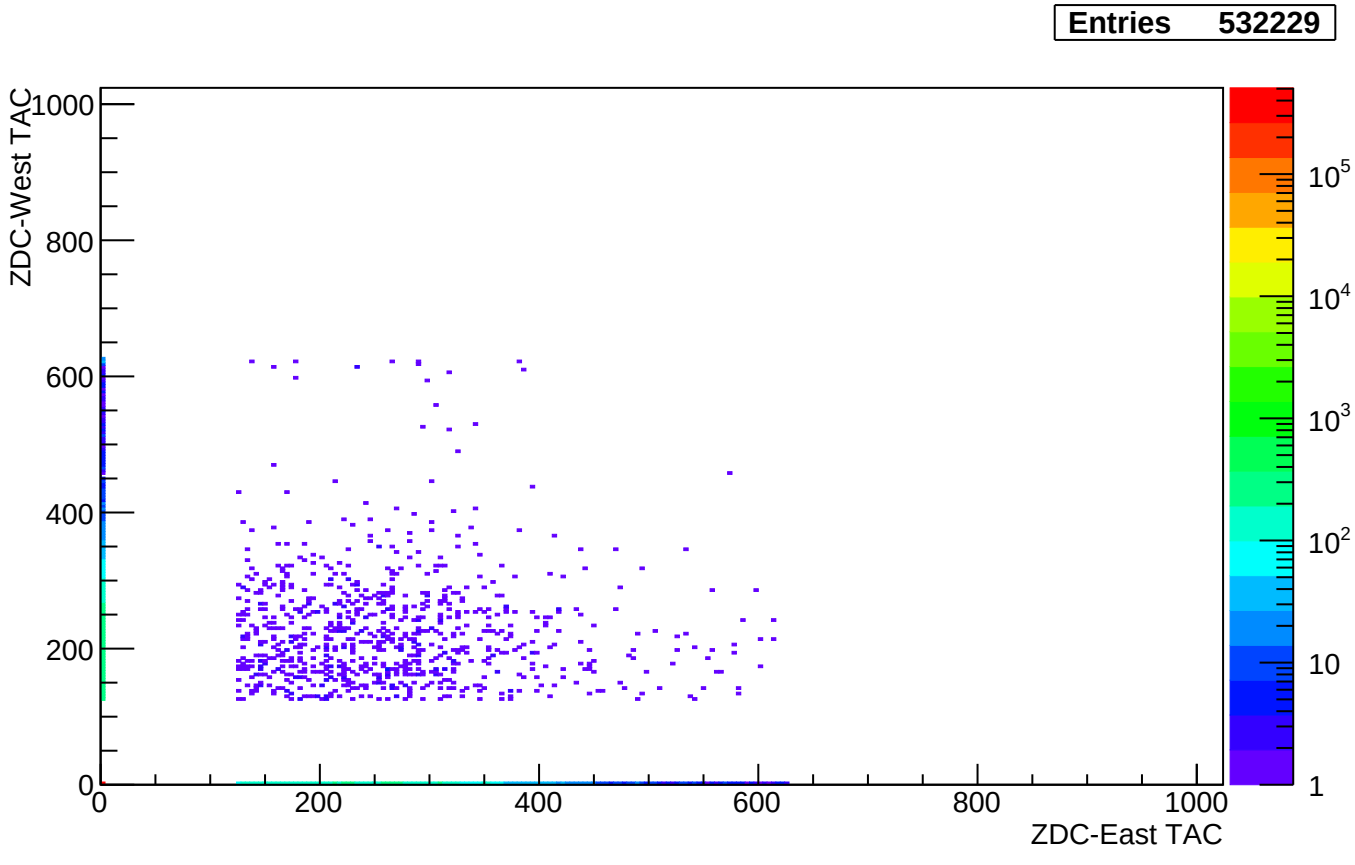

Entries 532229
TOF_Mult
VPD-East ADC Sum

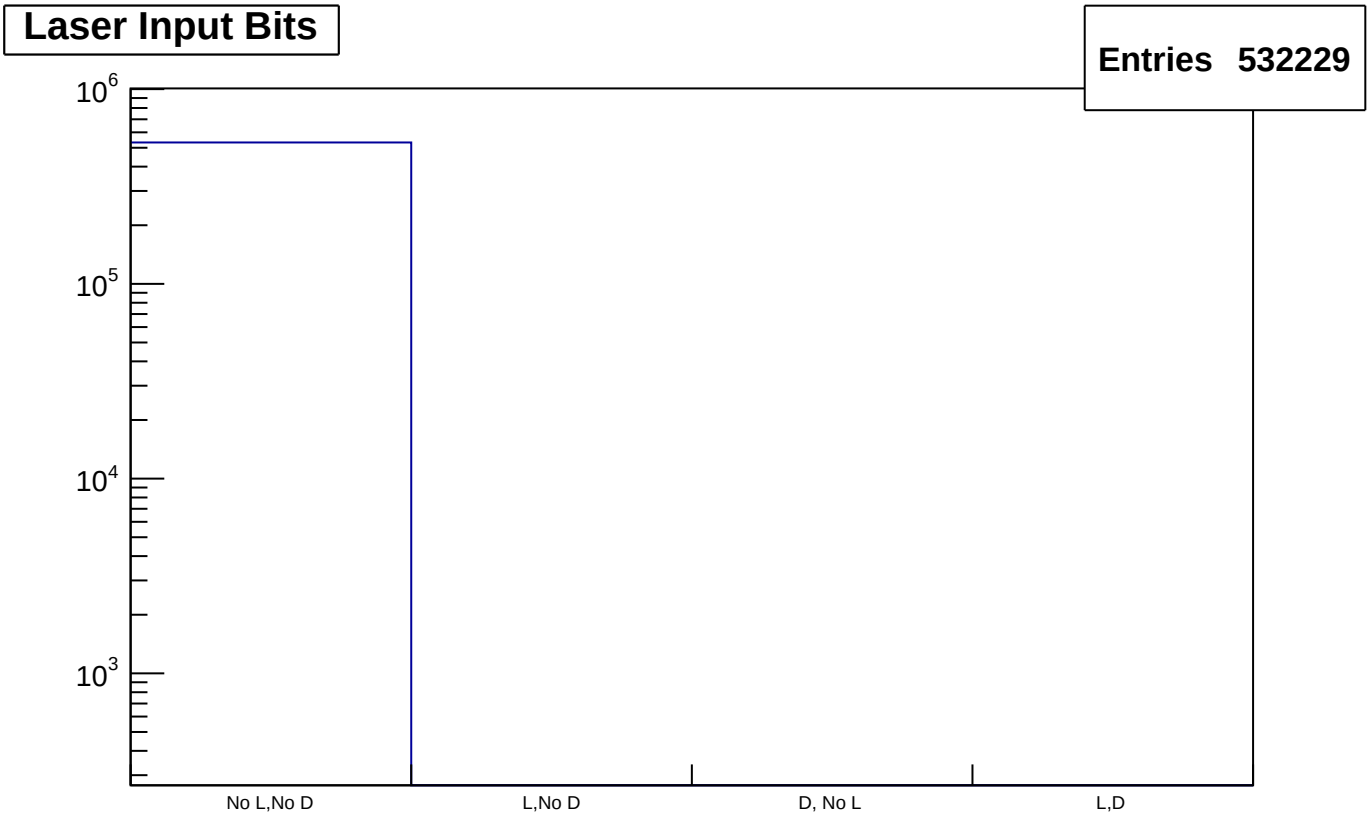

Entries 532229
TOF_Mult
VPD-West ADC Sum

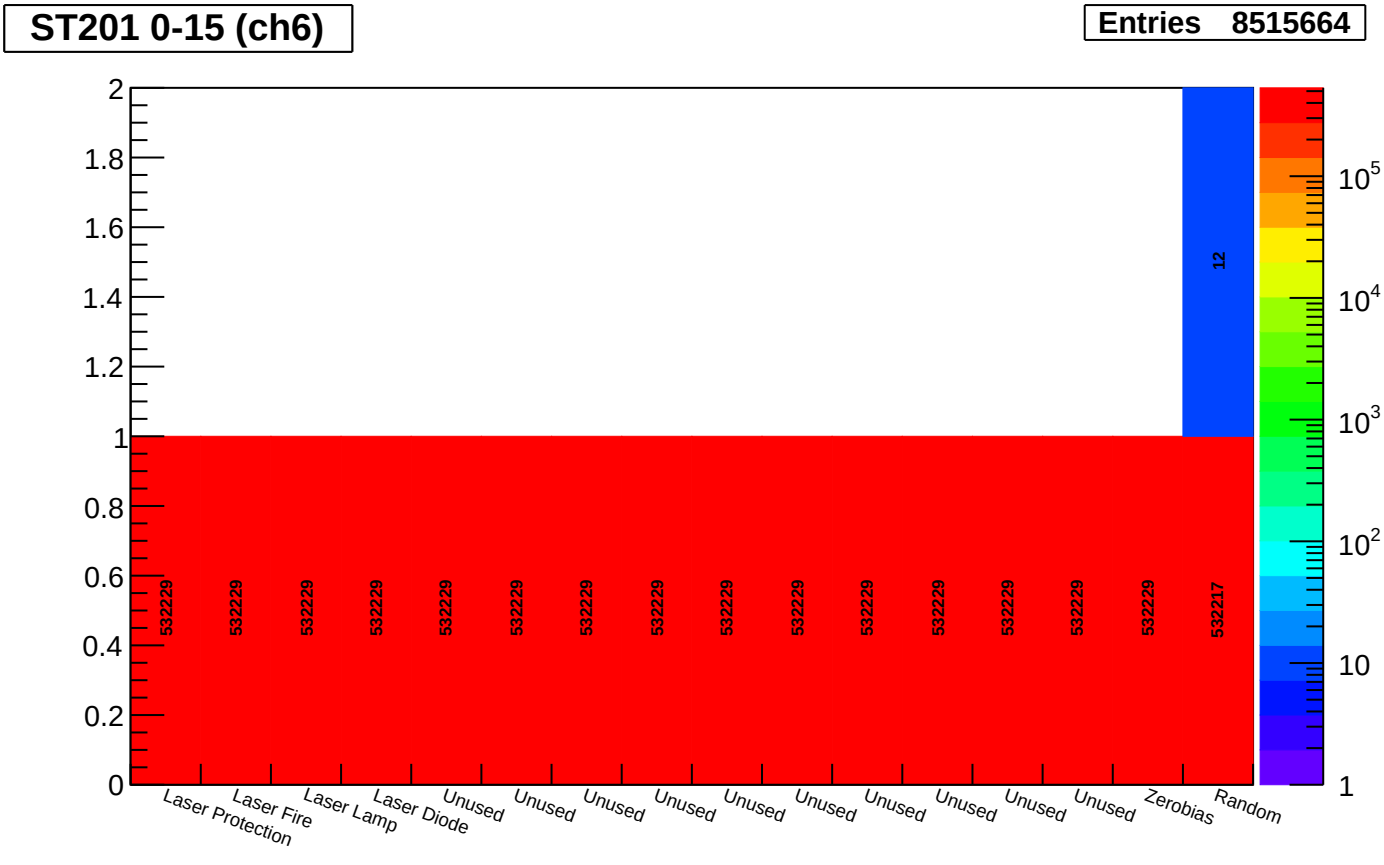

Entries 532229
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

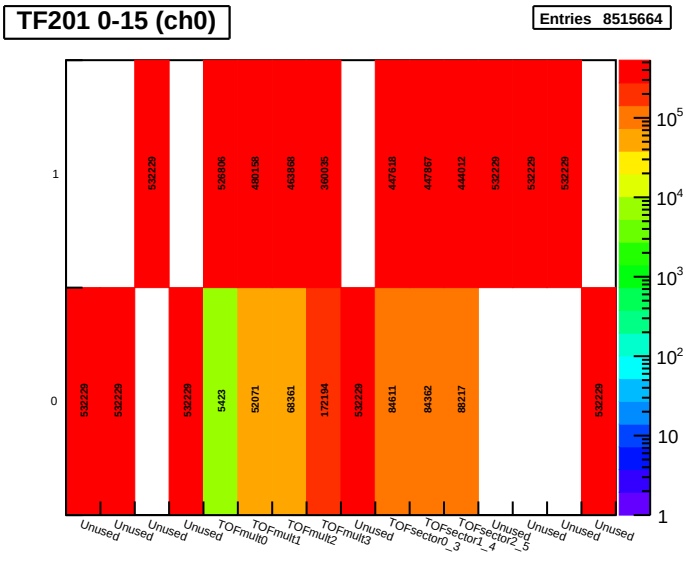

Entries 532229
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

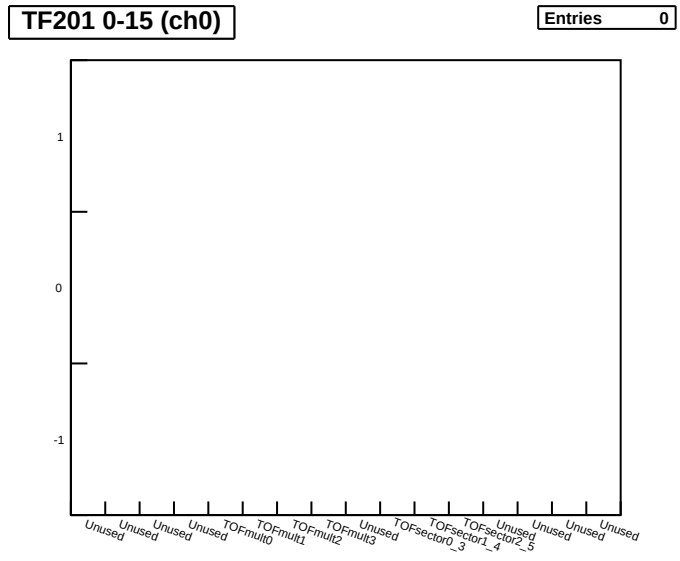

Entries 532229
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

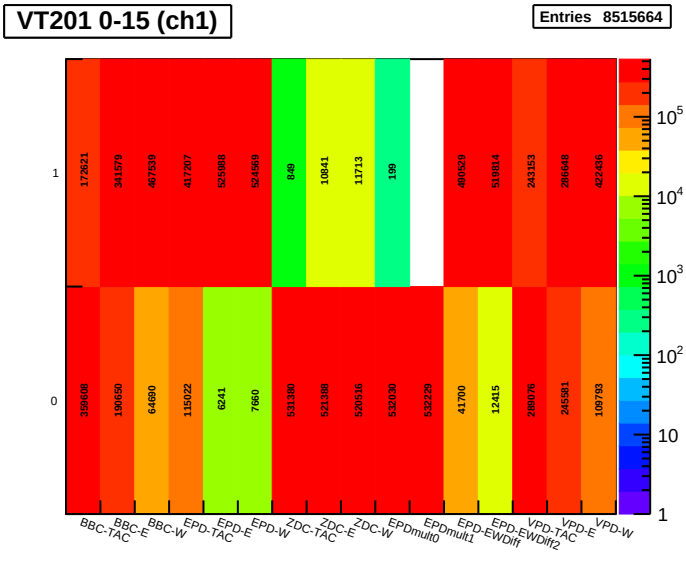

Entries 532229
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

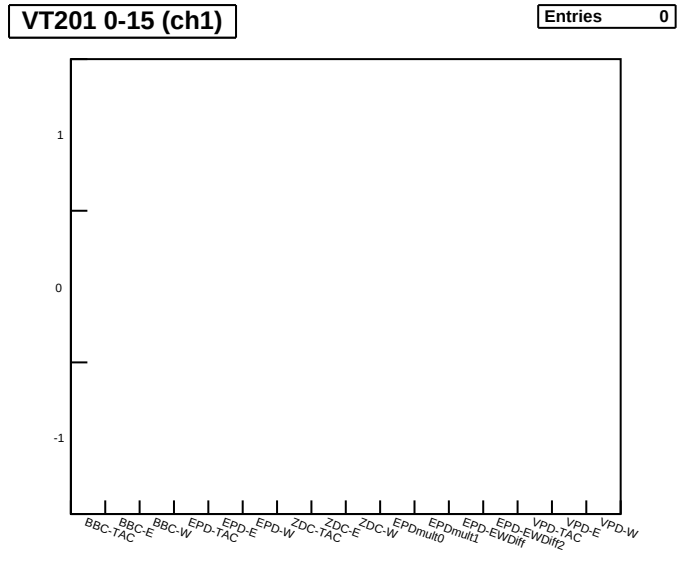

Laser Input Bits
Entries 532229
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

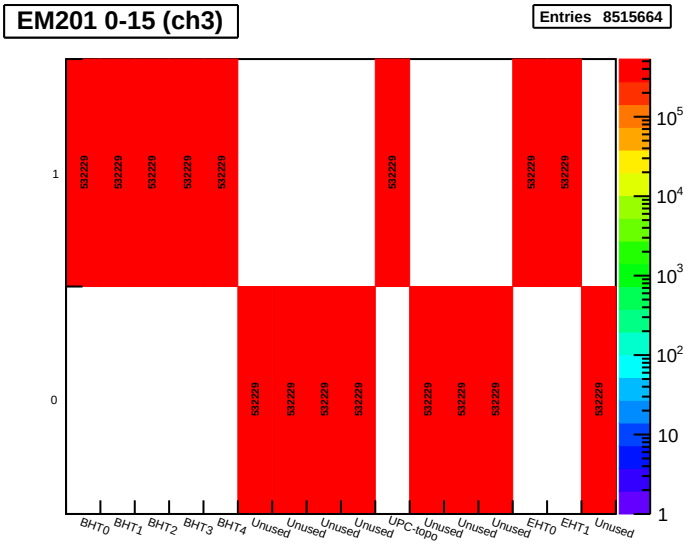

ST201 0-15 (ch6)
Entries 8515664
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
532229
532217
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

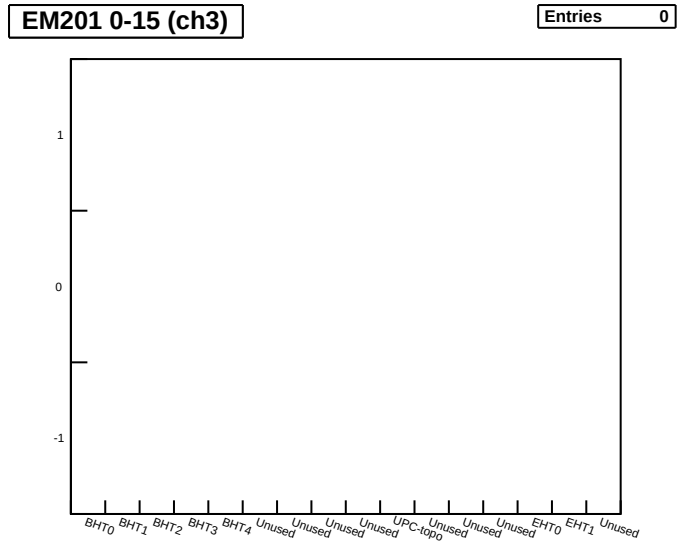

TF201 0-15 (ch0)
Entries 8515664
1
0
532229
526806
490158
463868
360035
447618
447867
444012
532229
532229
532229
532229
532229
532229
5423
52071
68361
172194
532229
84611
84362
88217
532229
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8515664
1
0
172621
341579
467539
417207
525988
524569
849
10841
11713
199
490529
519814
243153
286648
422436
359608
190650
64690
115022
6241
7660
531380
521388
520516
532030
532229
41700
12415
288076
245581
109793
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 8515664
1
0
532229
532229
532229
532229
532229
532229
532229
532229
532229
532229
532229
532229
532229
532229
532229
532229
532229
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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