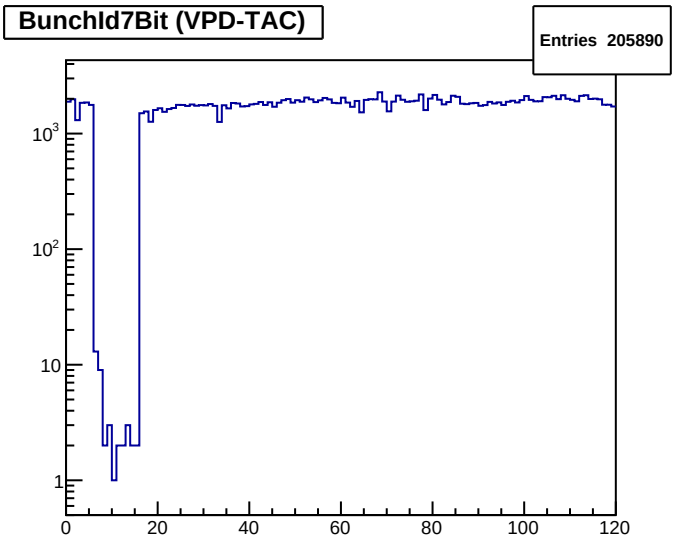
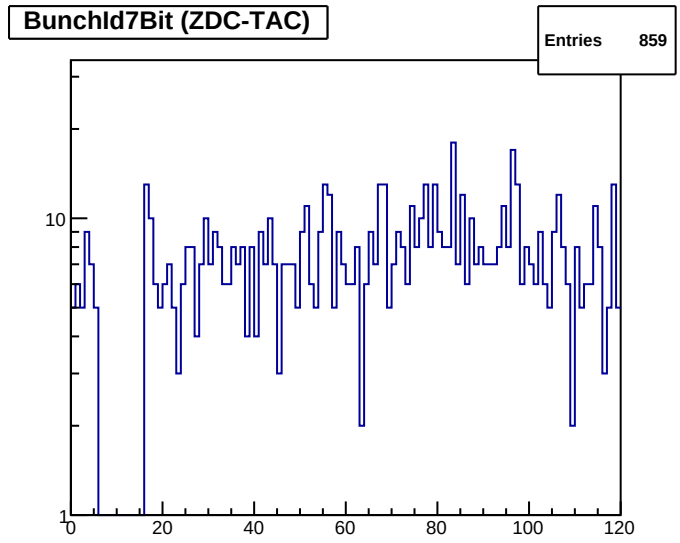
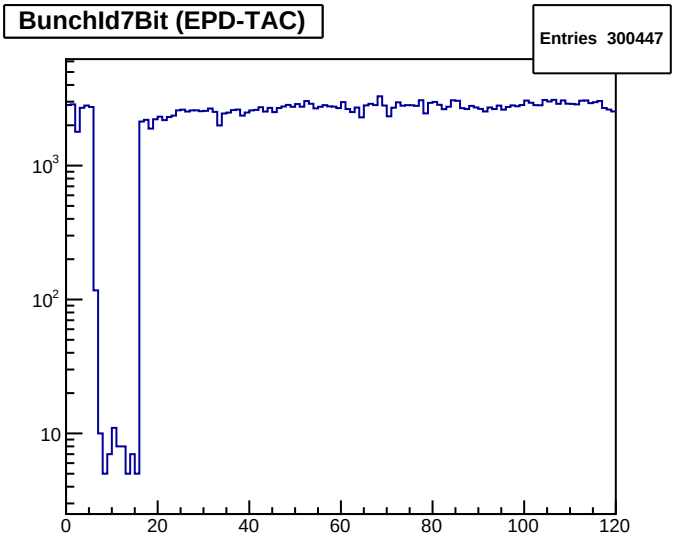
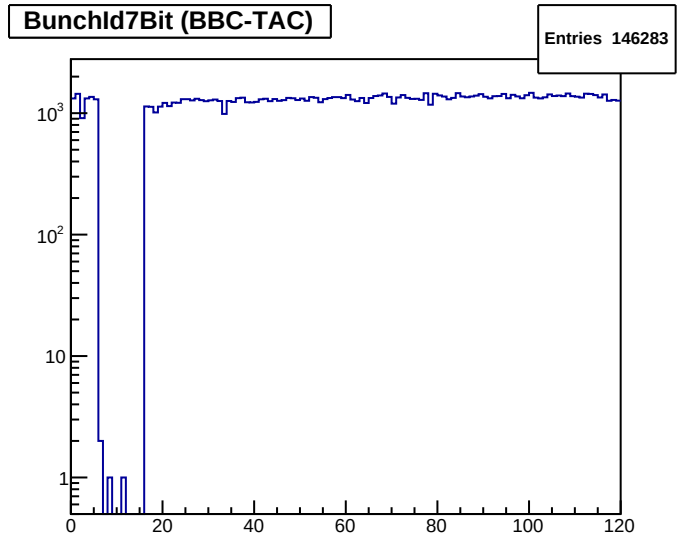
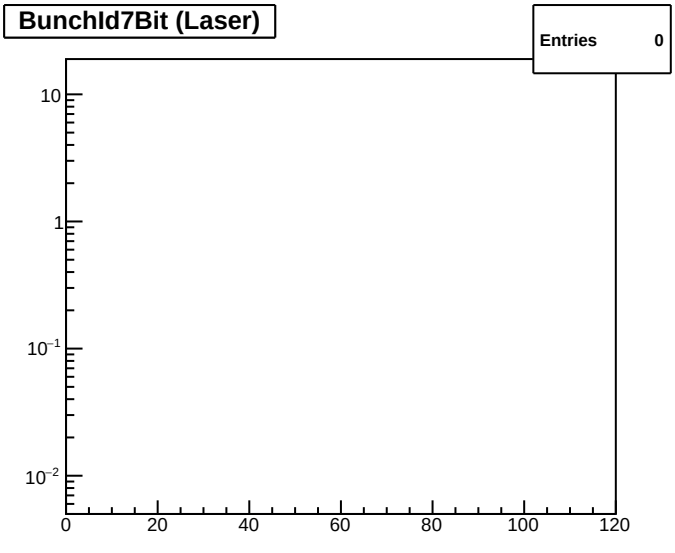
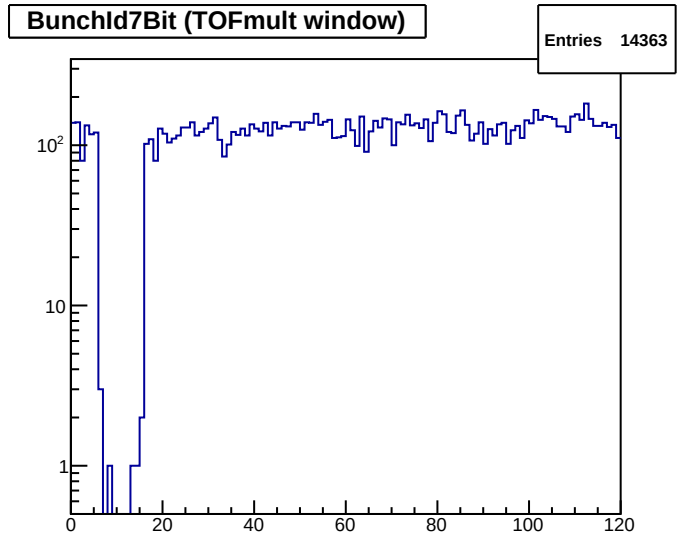

BunchId7Bit (VPD-TAC)
Entries 205890

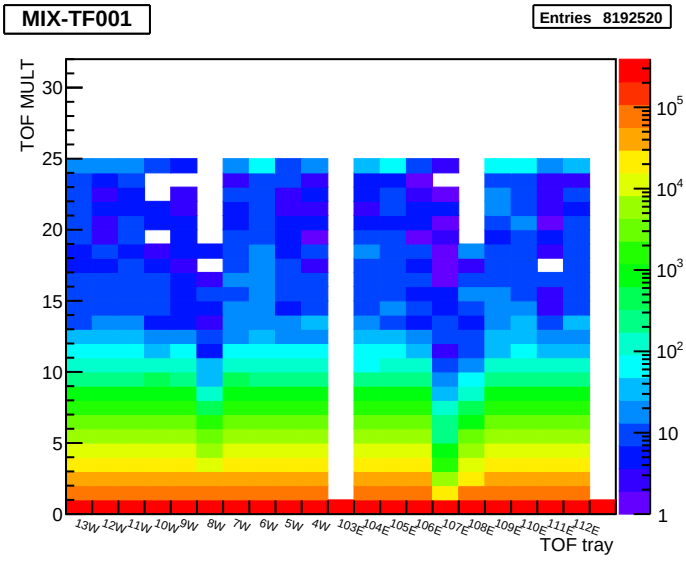

BunchId7Bit (ZDC-TAC)
Entries 859

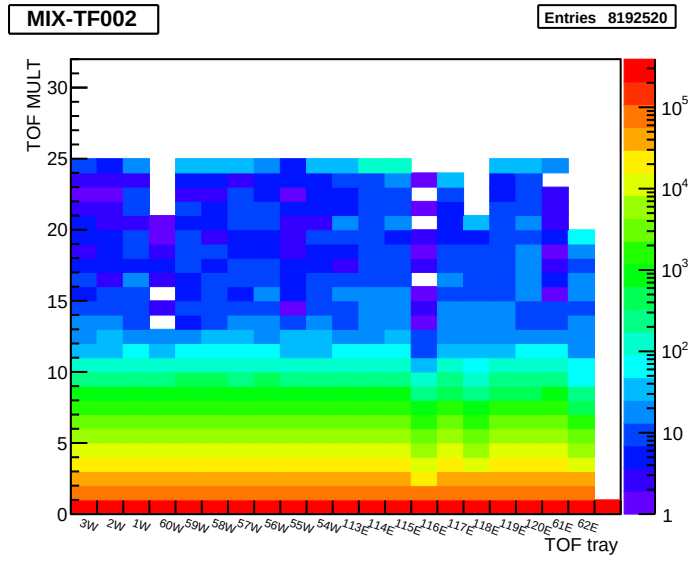

BunchId7Bit (EPD-TAC)
Entries 300447

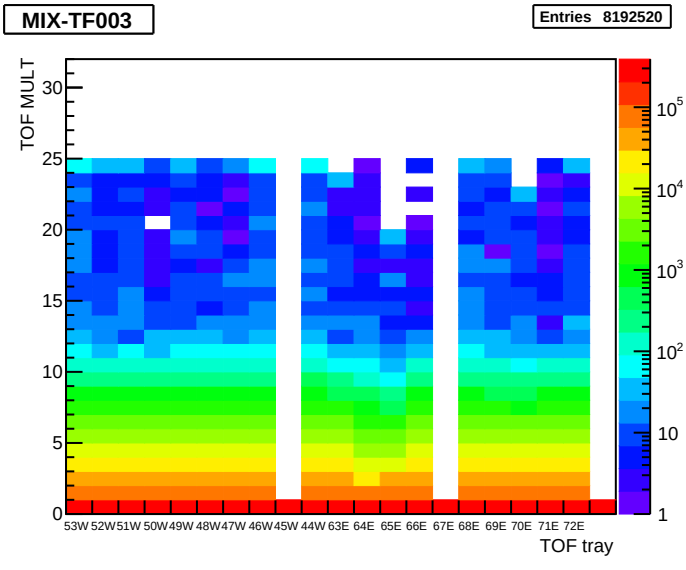

BunchId7Bit (BBC-TAC)
Entries 146283

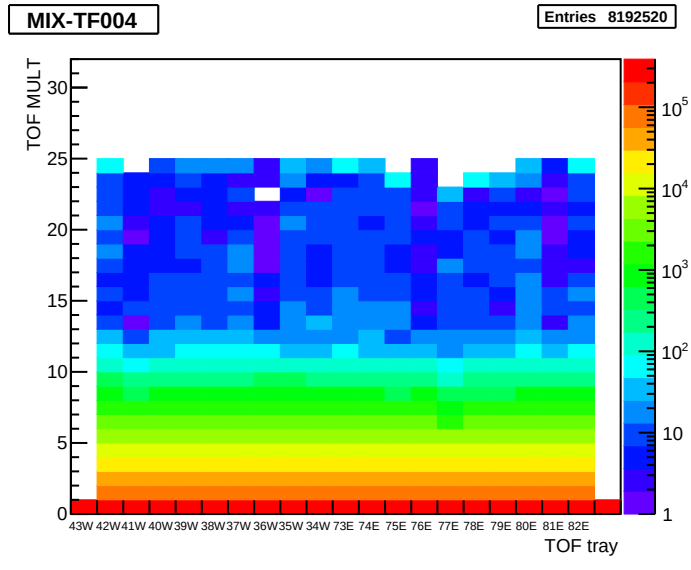

BunchId7Bit (Laser)
Entries 0

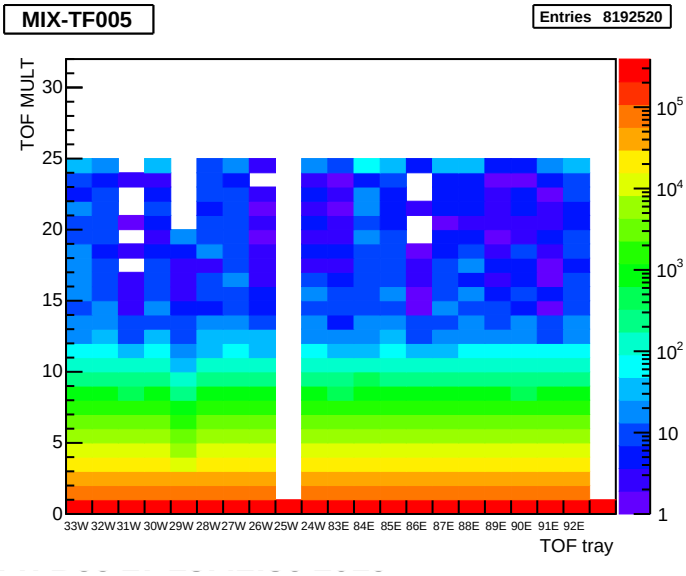

BunchId7Bit (TOFmult window)
Entries 14363

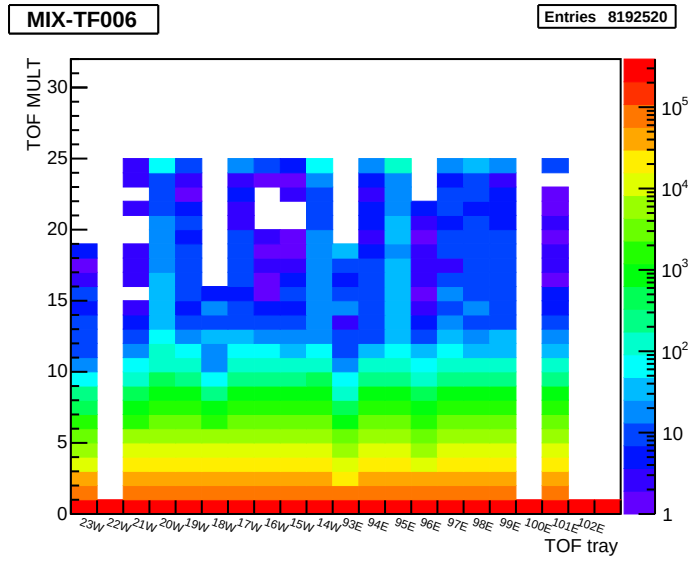

MIX-TF001
Entries 8192520
TOF MULT
TOF tray

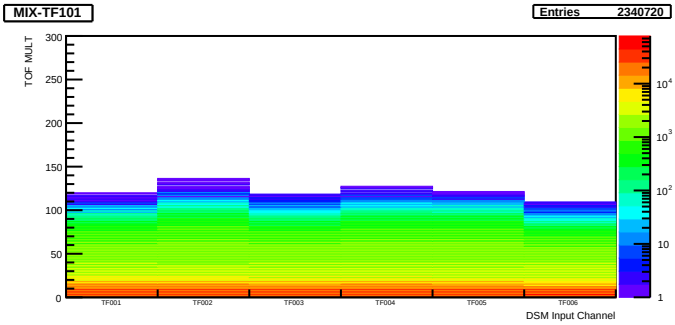

MIX-TF002
Entries 8192520
TOF MULT
TOF tray

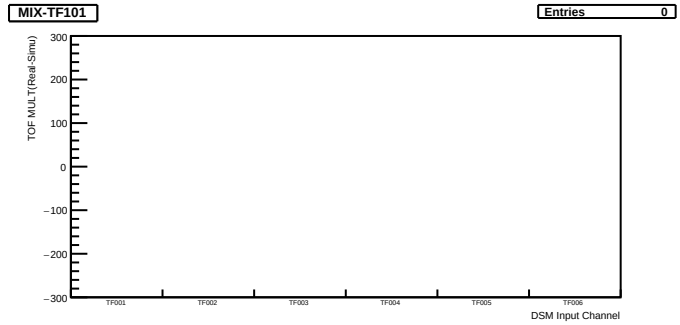

MIX-TF003
Entries 8192520
TOF MULT
TOF tray

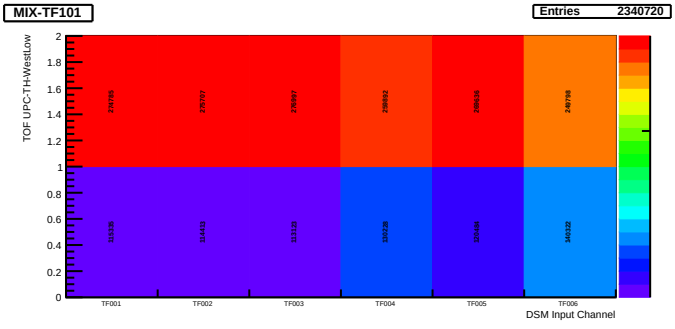

MIX-TF004
Entries 8192520
TOF MULT
TOF tray

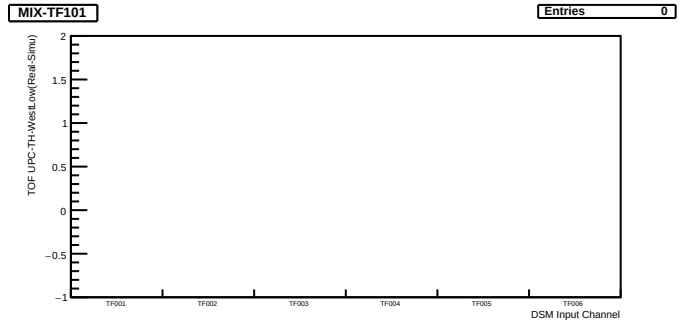

MIX-TF005
Entries 8192520
TOF MULT
TOF tray

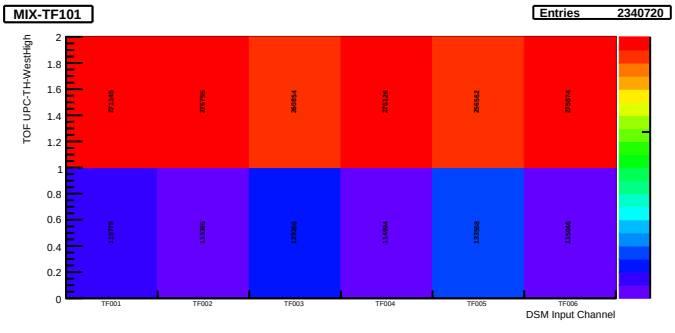

MIX-TF006
Entries 8192520
TOF MULT
TOF tray

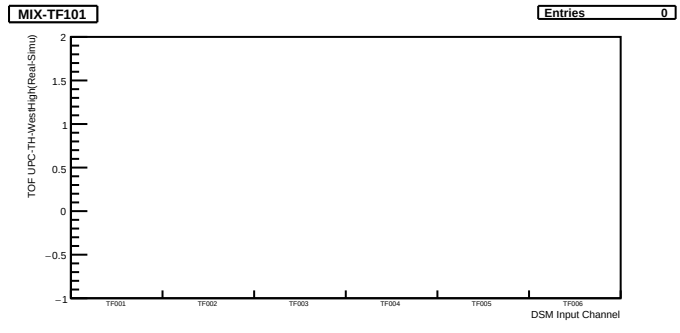

MIX-TF101
Entries 2340720
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

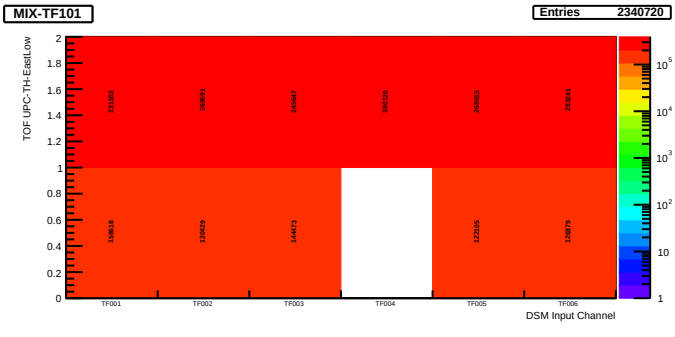

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

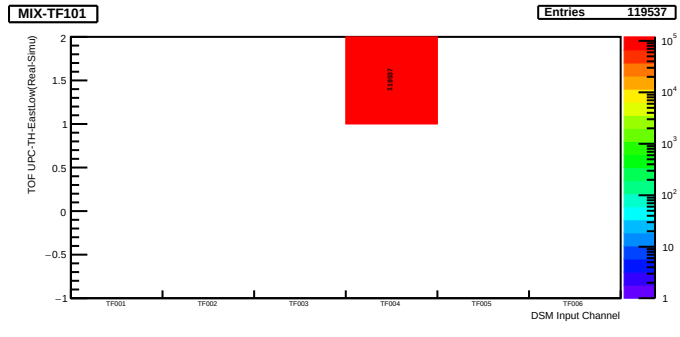

MIX-TF101
Entries 2340720
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

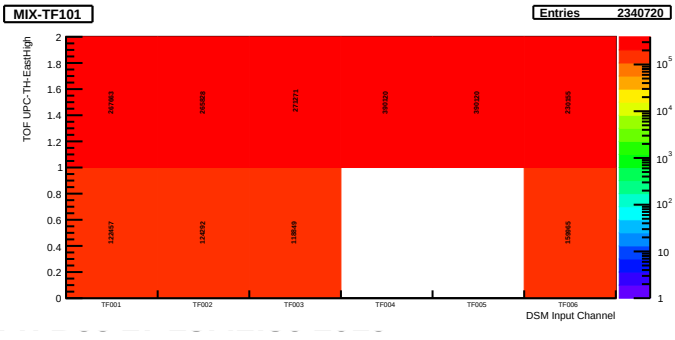

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

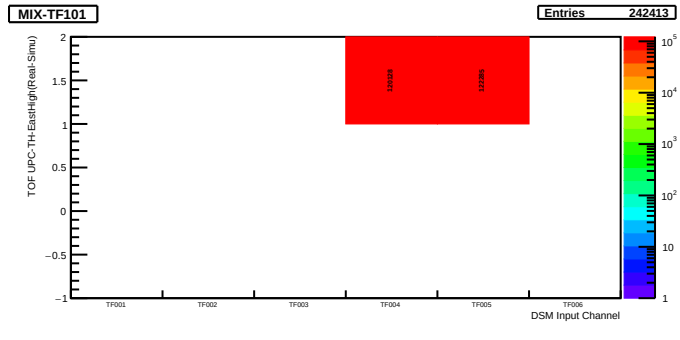

MIX-TF101
Entries 2340720
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

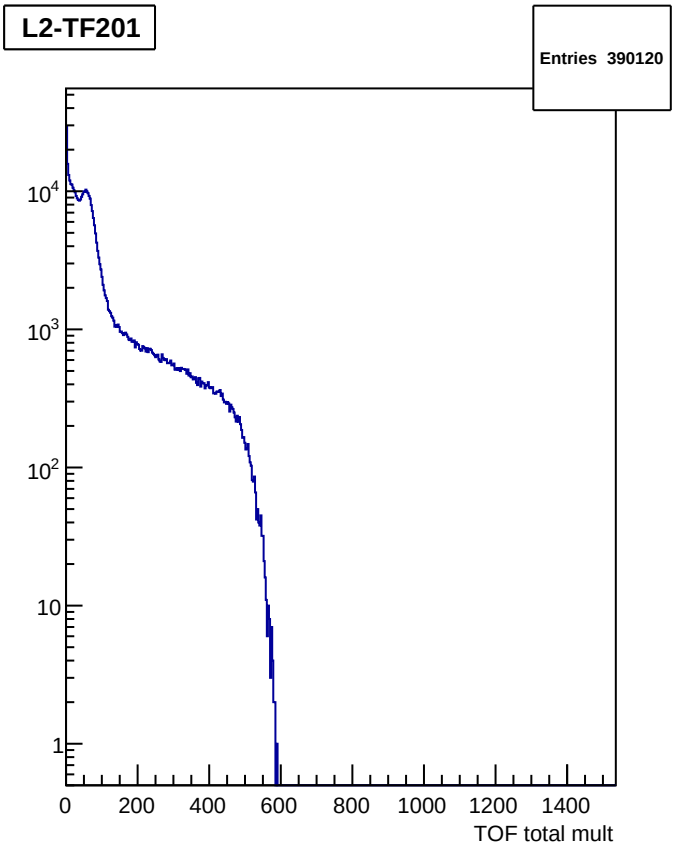

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

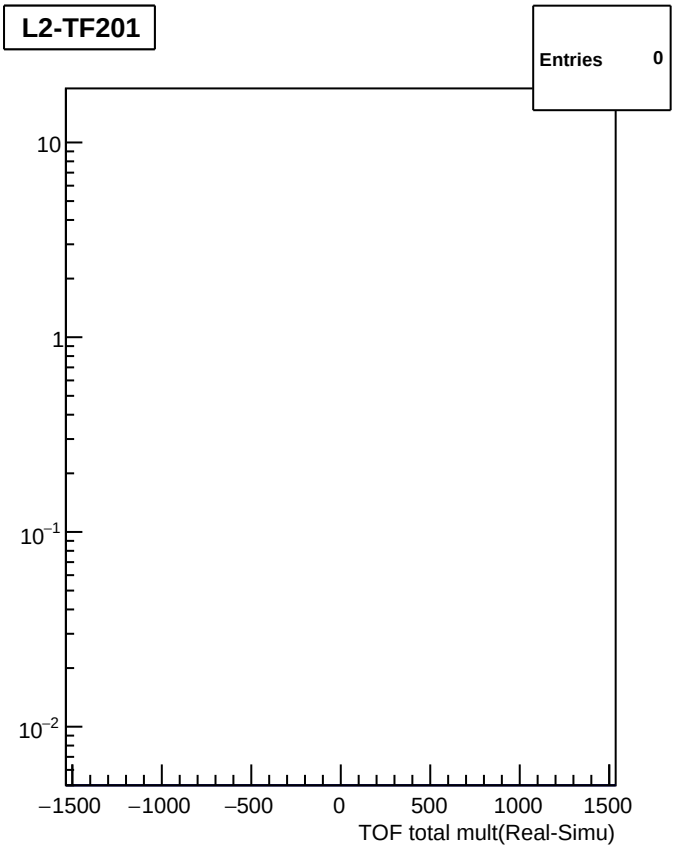

MIX-TF101
Entries 2340720
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

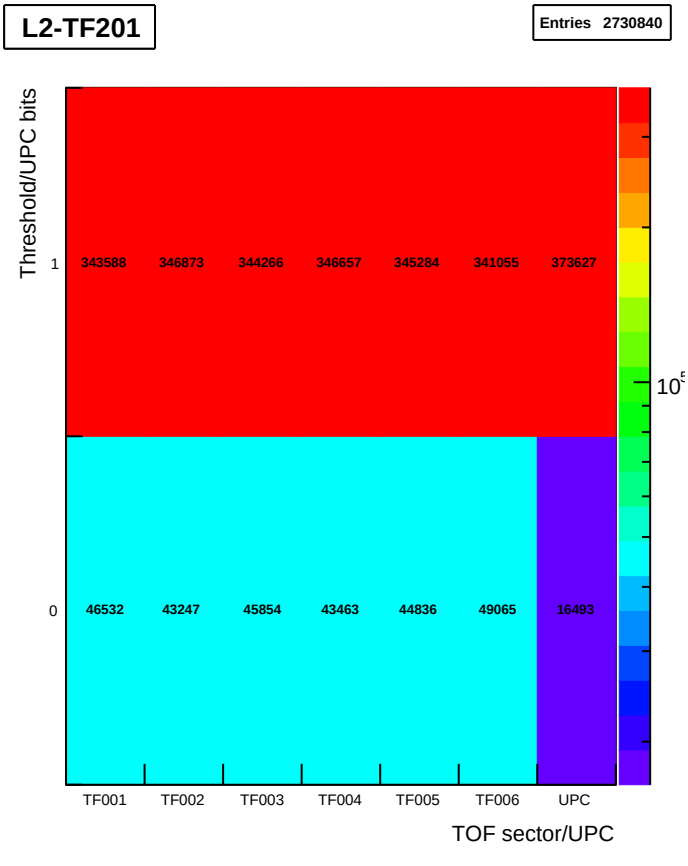

MIX-TF101
Entries 119537
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

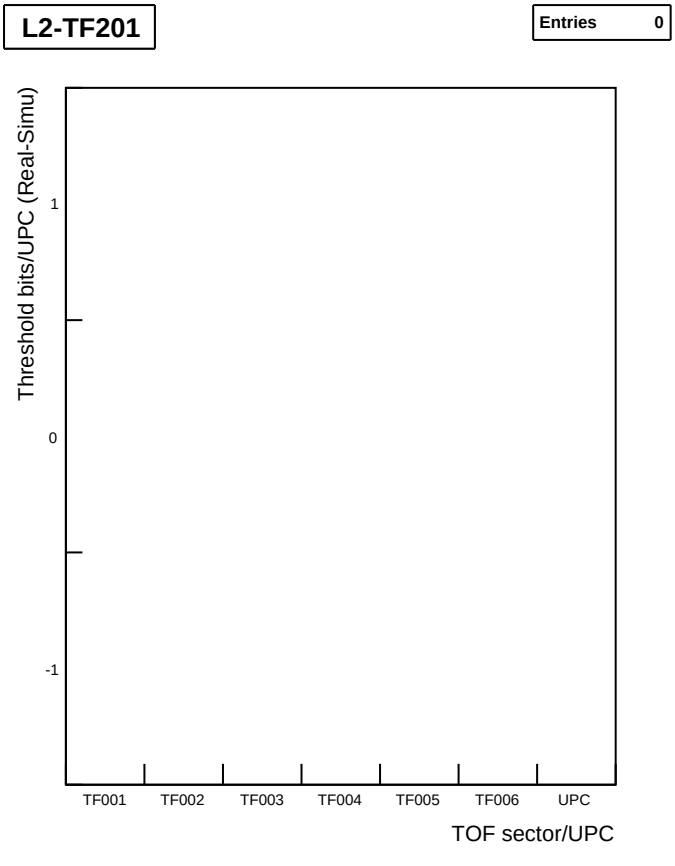

MIX-TF101
Entries 2340720
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

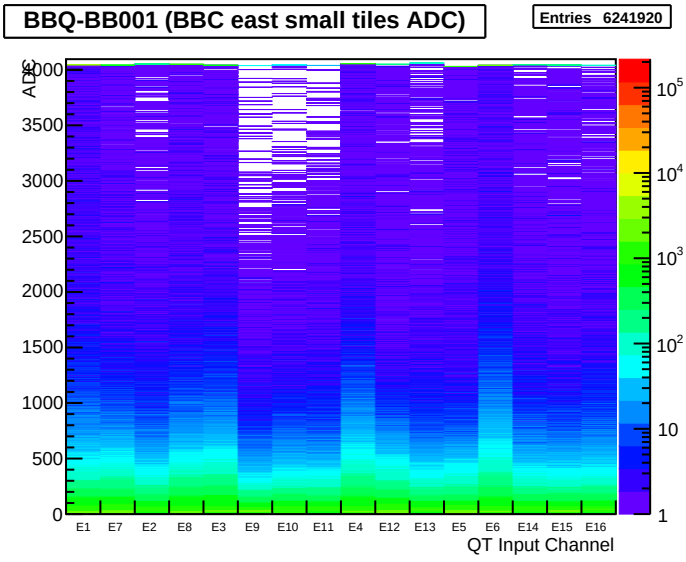

MIX-TF101
Entries 242413
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

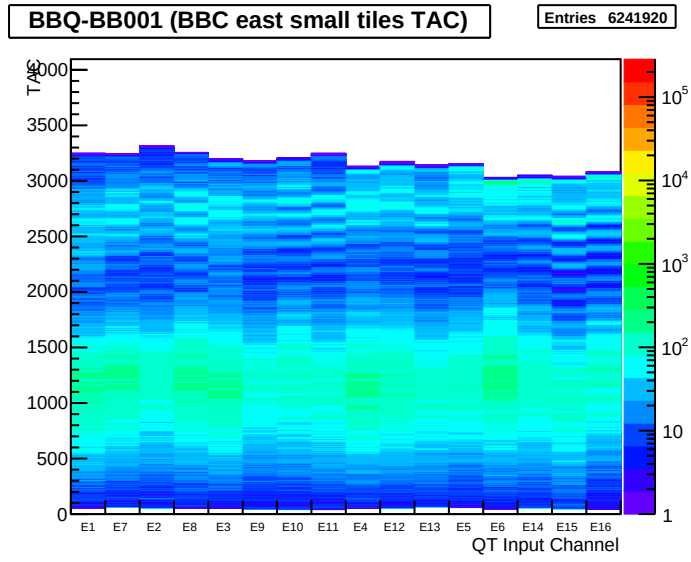

L2-TF201
Entries 390120
TOF total mult

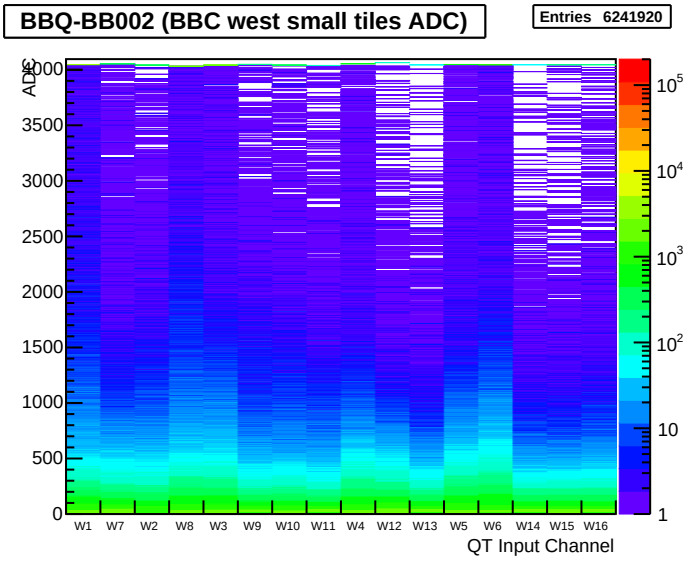

L2-TF201
Entries 0
TOF total mult(Real-Simu)

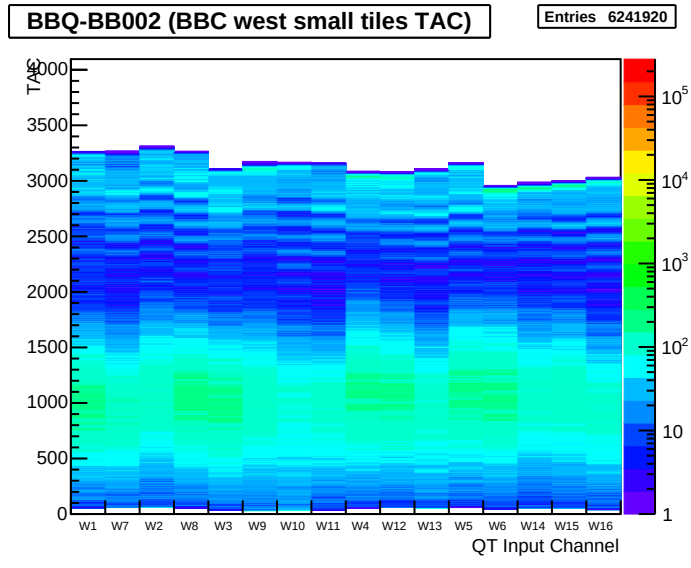

L2-TF201
Entries 2730840
Threshold/UPC bits
343588 346873 344266 346657 345284 341055 373627
46532 43247 45854 43463 44836 49065 16493
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

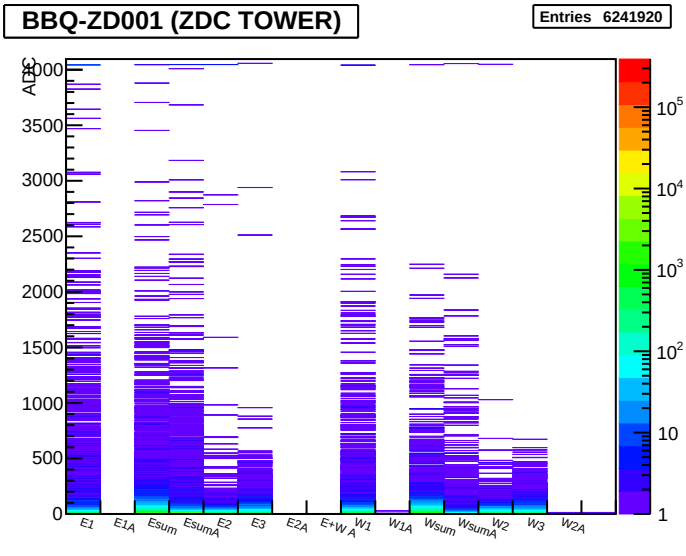

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

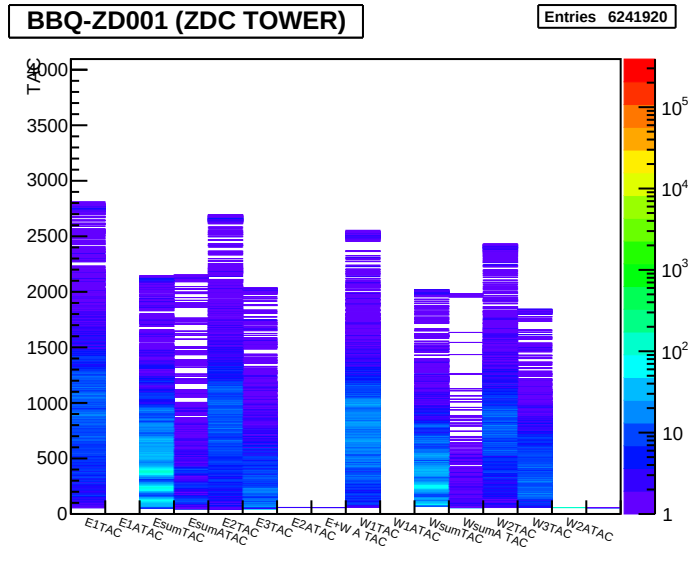

BBQ-BB001 (BBC east small tiles ADC)
Entries 6241920
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

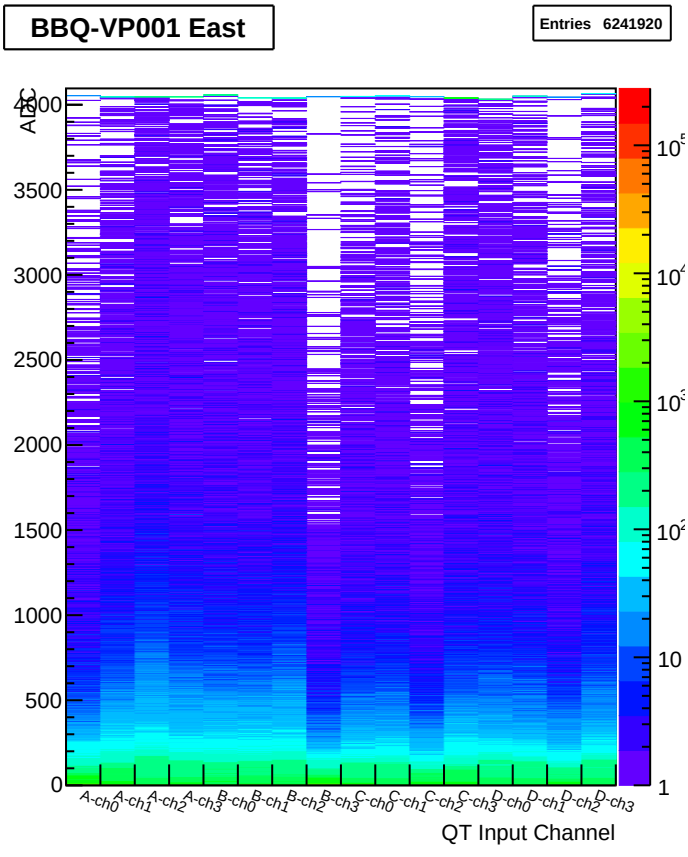

BBQ-BB001 (BBC east small tiles TAC)
Entries 6241920
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

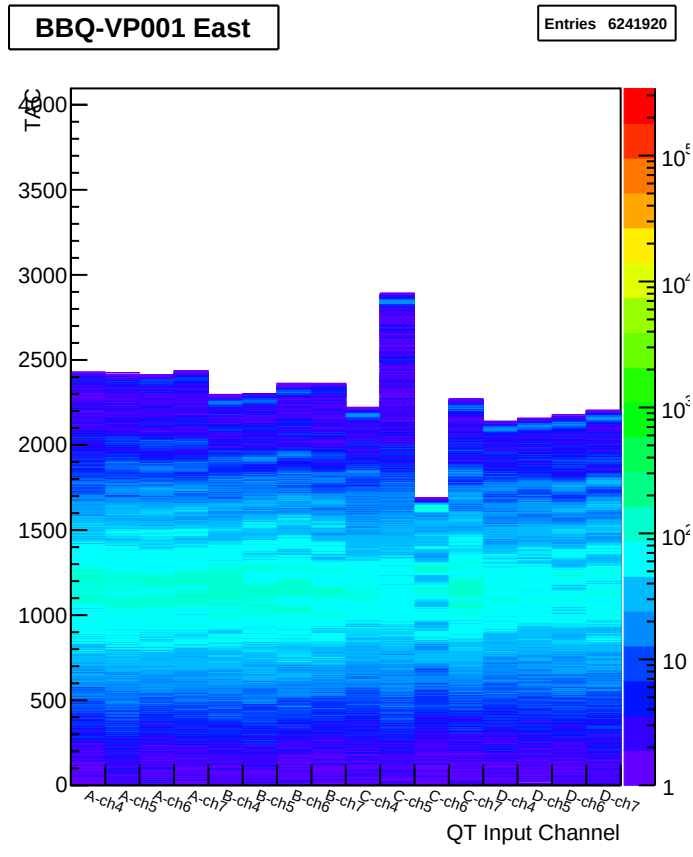

BBQ-BB002 (BBC west small tiles ADC)
Entries 6241920
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

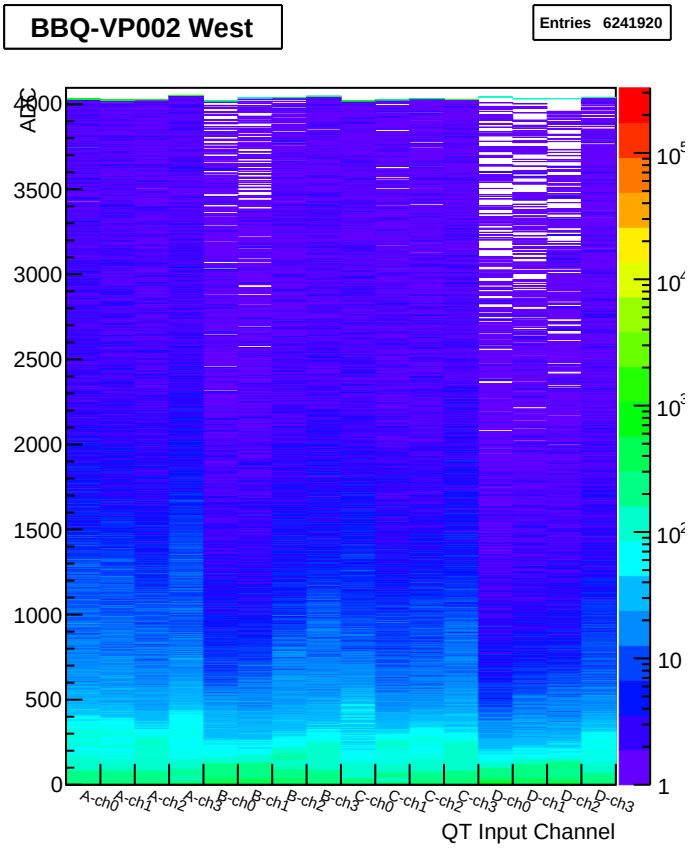

BBQ-BB002 (BBC west small tiles TAC)
Entries 6241920
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

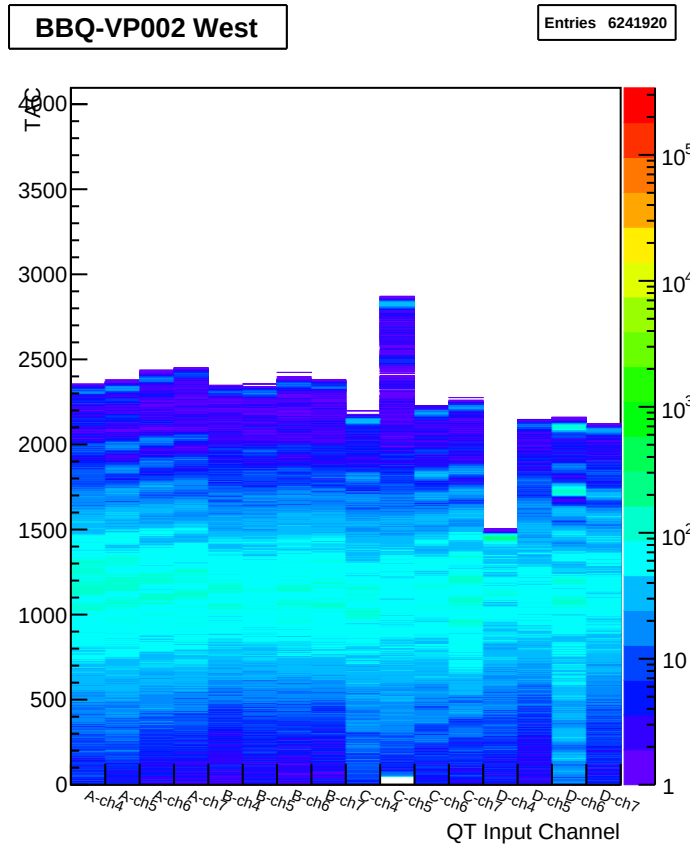

BBQ-ZD001 (ZDC TOWER)
Entries 6241920
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

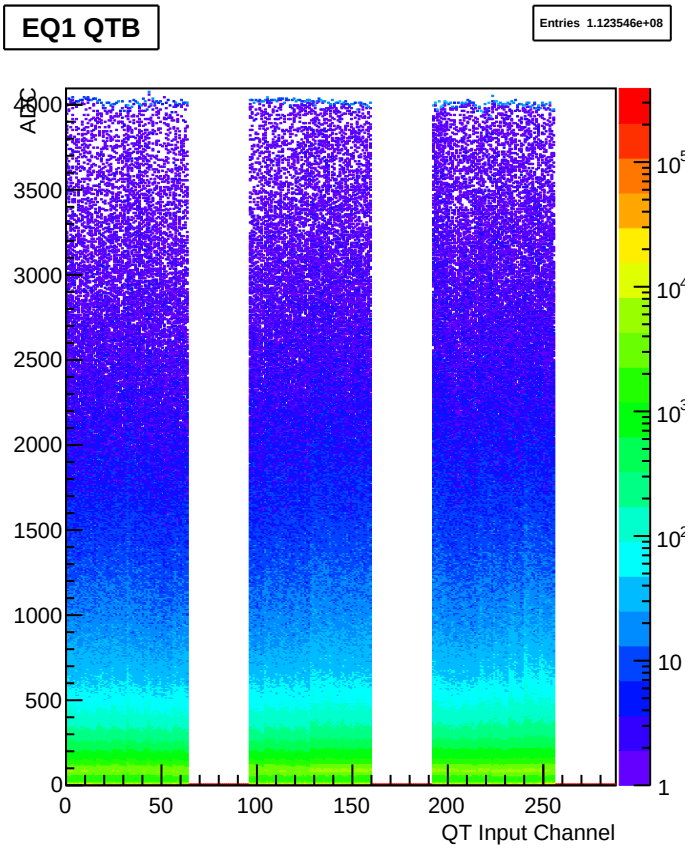

BBQ-ZD001 (ZDC TOWER)
Entries 6241920
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

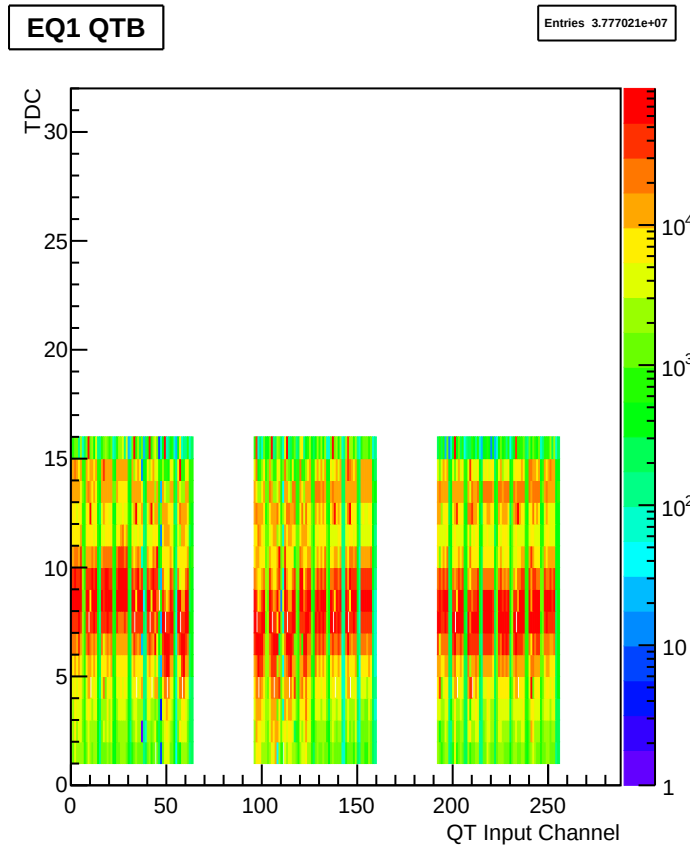

BBQ-VP001 East
Entries 6241920
ADC
QT Input Channel

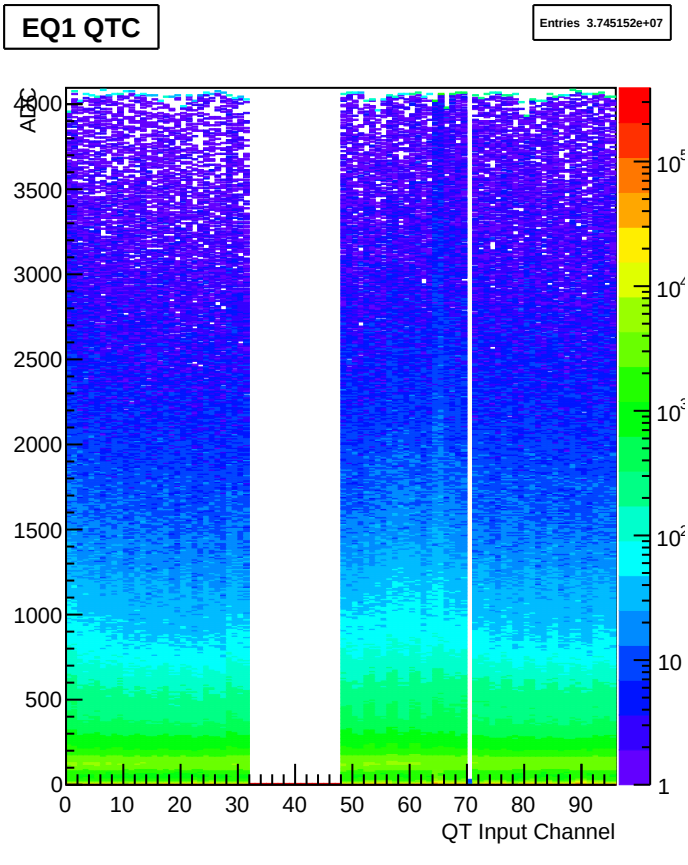

BBQ-VP001 East
Entries 6241920
ADC
QT Input Channel

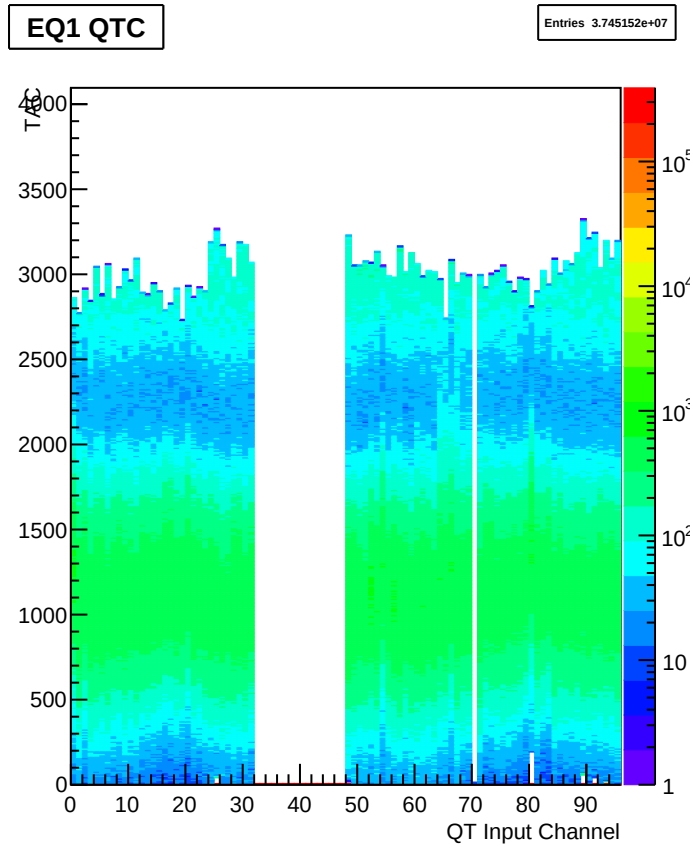

BBQ-VP002 West
Entries 6241920
ADC
QT Input Channel

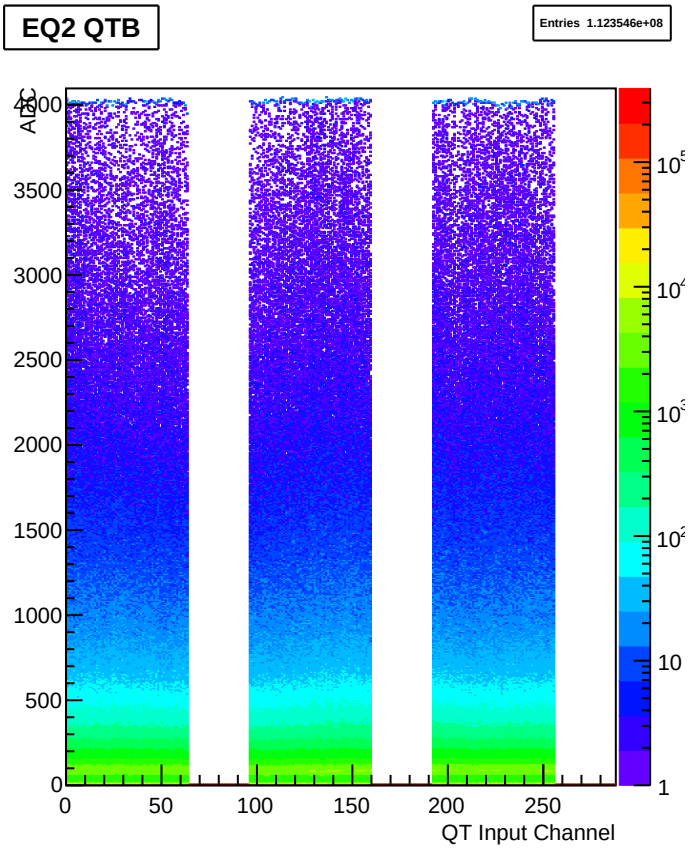

BBQ-VP002 West
Entries 6241920
ADC
QT Input Channel

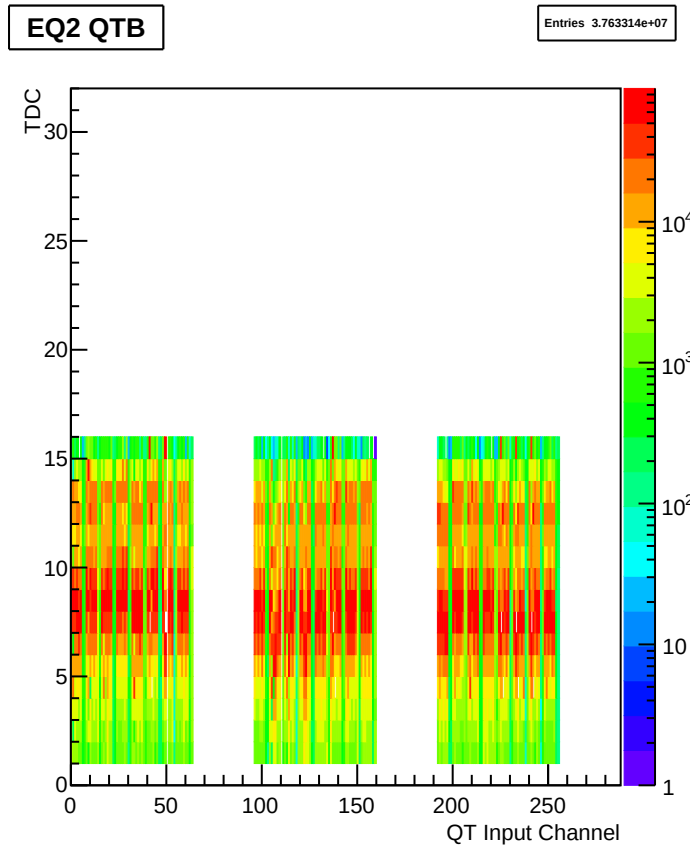

EQ1 QTB
Entries 1.123546e+08
ADC
QT Input Channel

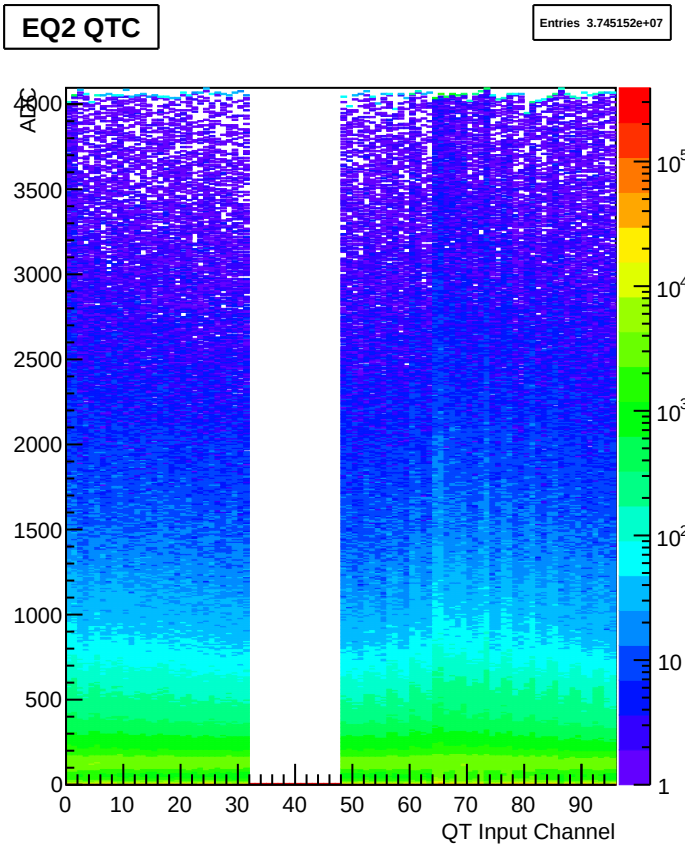

EQ1 QTB
Entries 3.777021e+07
TDC
QT Input Channel

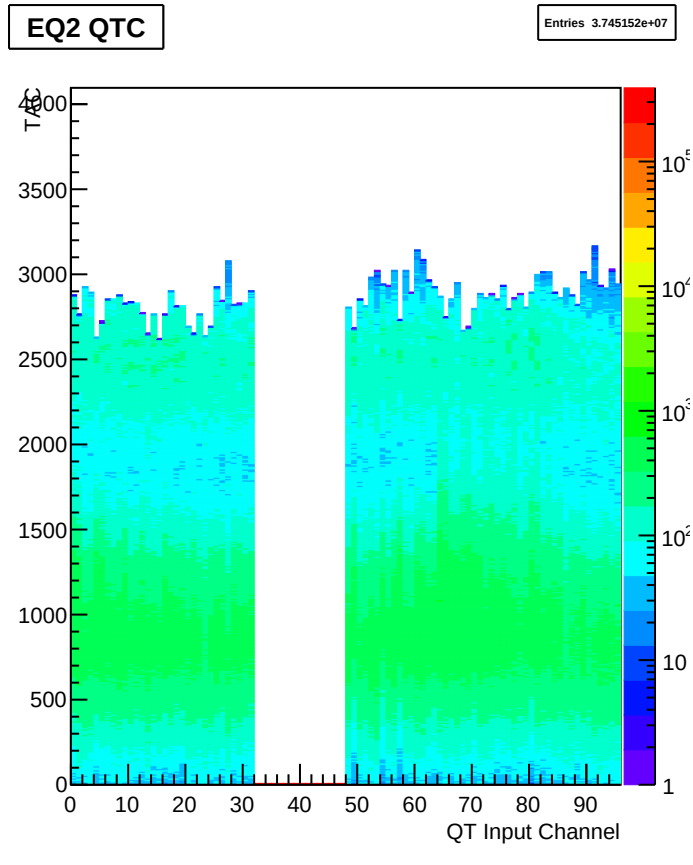

EQ1 QTC
Entries 3.745152e+07
ADC
QT Input Channel

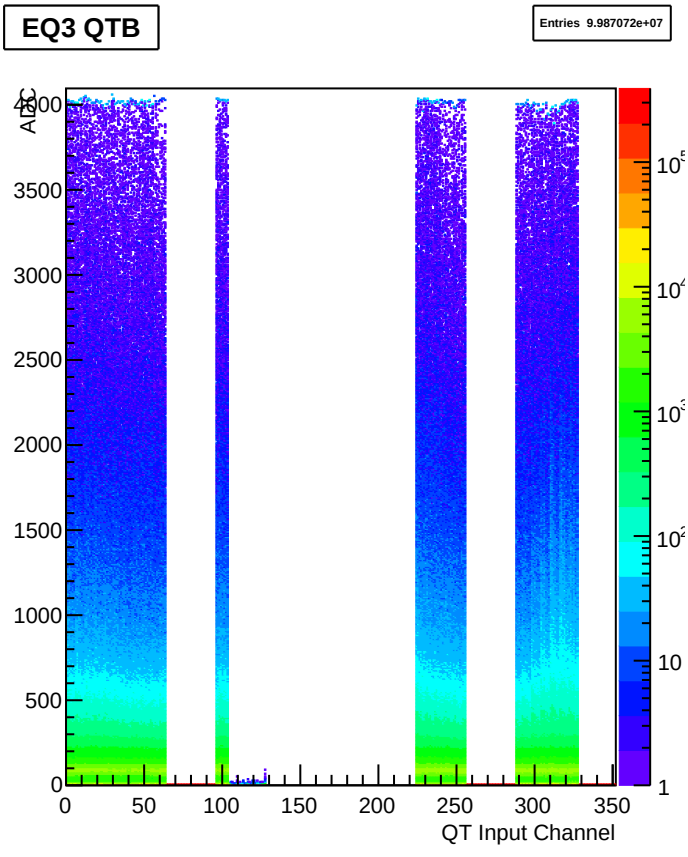

EQ1 QTC
Entries 3.745152e+07
TADC
QT Input Channel

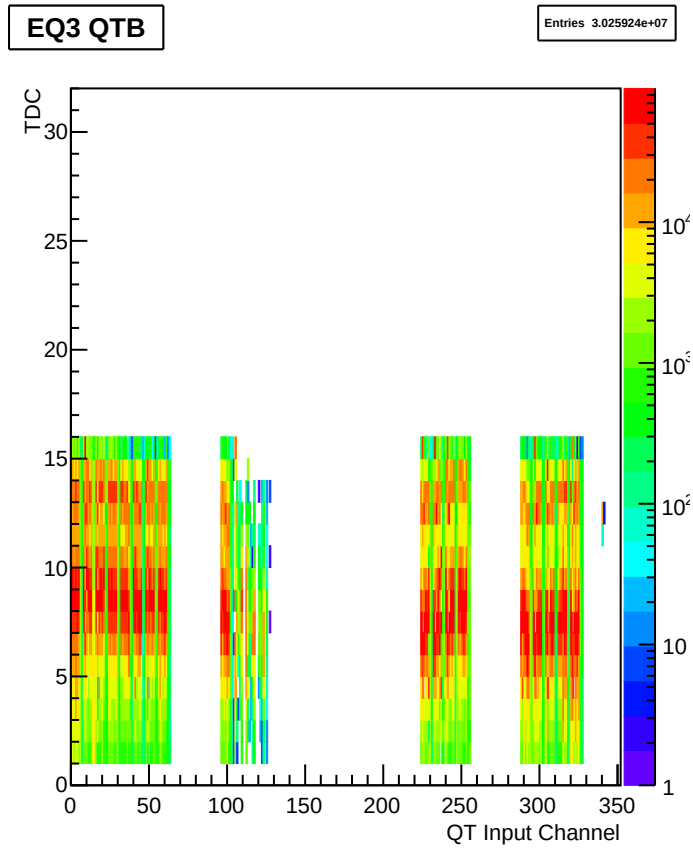

EQ2 QTB
Entries 1.123546e+08
ADC
QT Input Channel

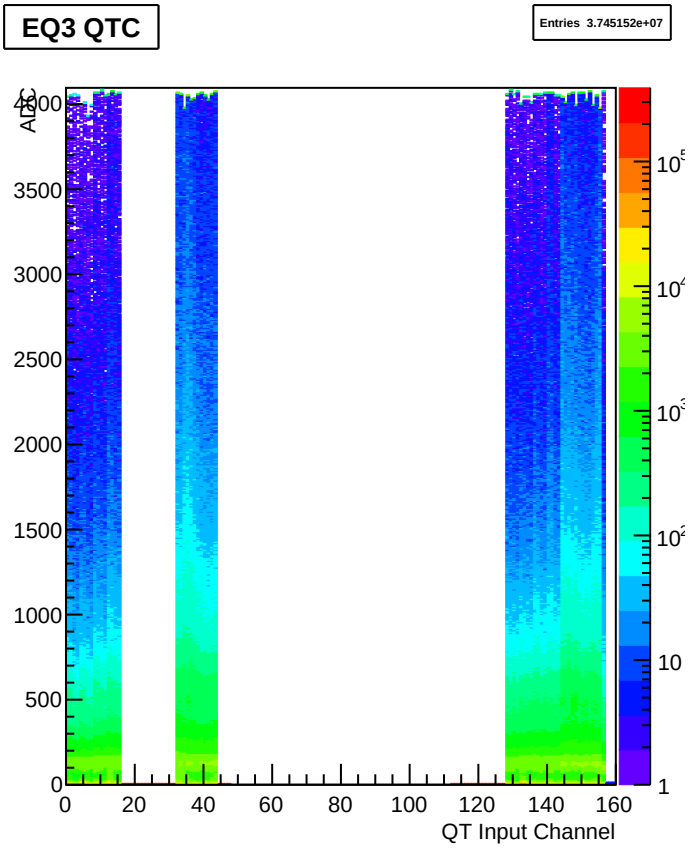

EQ2 QTB
Entries 3.763314e+07
TDC
QT Input Channel

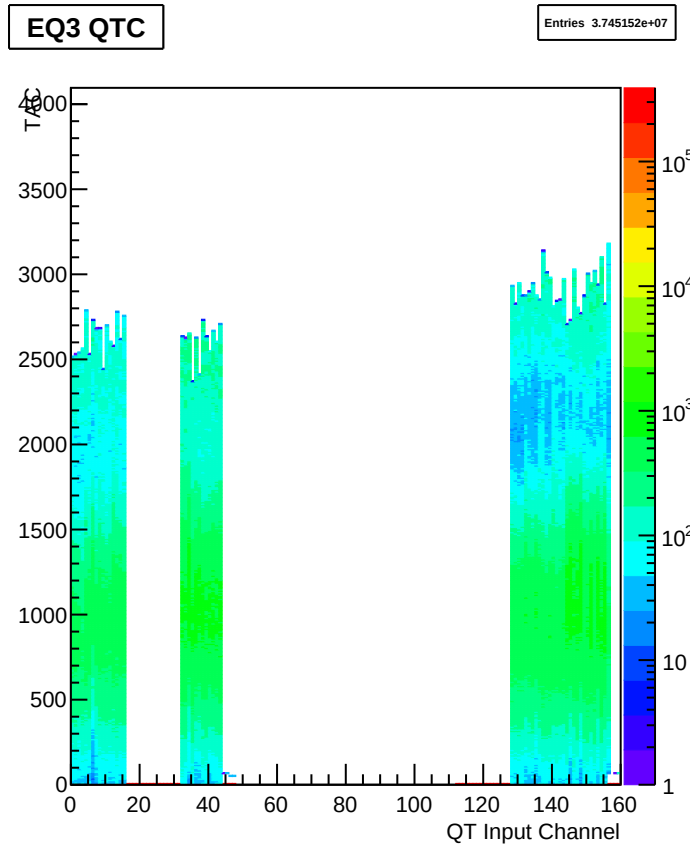

EQ2 QTC
Entries 3.745152e+07
ADC
QT Input Channel

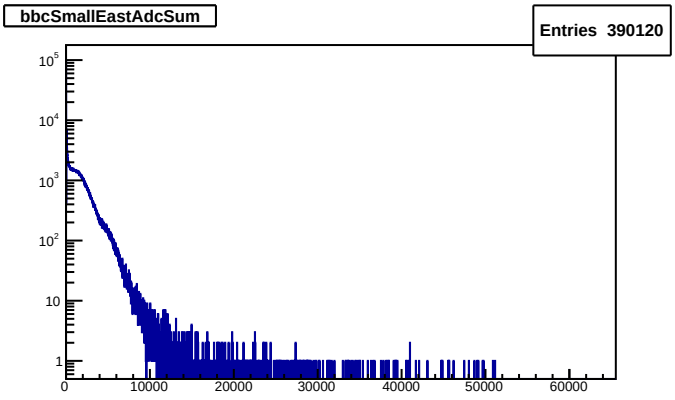

EQ2 QTC
Entries 3.745152e+07
TADC
QT Input Channel

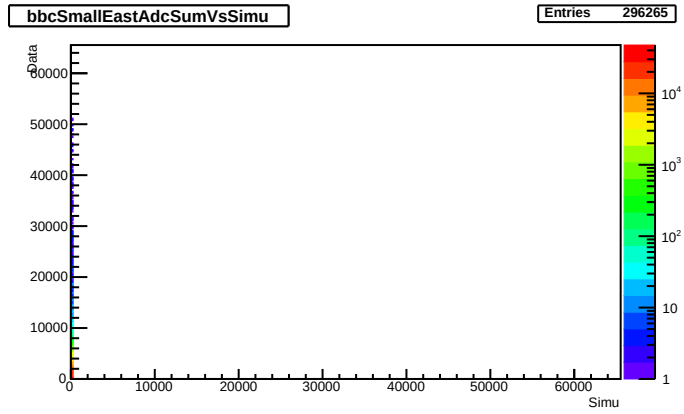

EQ3 QTB
Entries 9.987072e+07
ADC
QT Input Channel

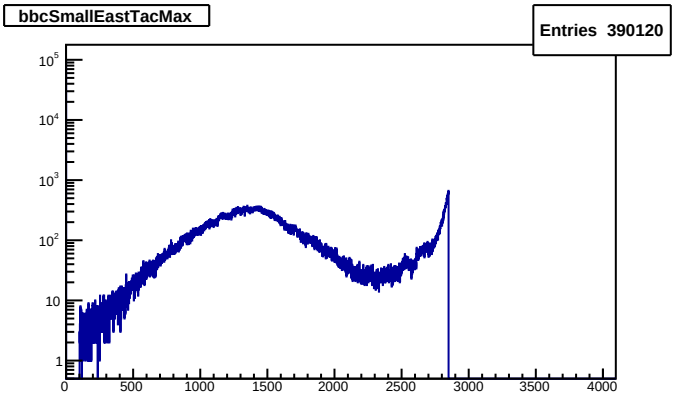

EQ3 QTB
Entries 3.025924e+07
TDC
QT Input Channel

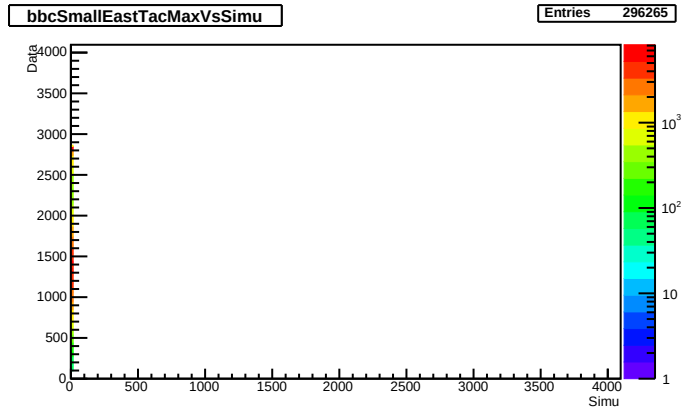

EQ3 QTC
Entries 3.745152e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.745152e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 390120


bbcSmallEastAdcSumVsSimu
Entries 296265
Data
Simu


bbcSmallEastTacMax
Entries 390120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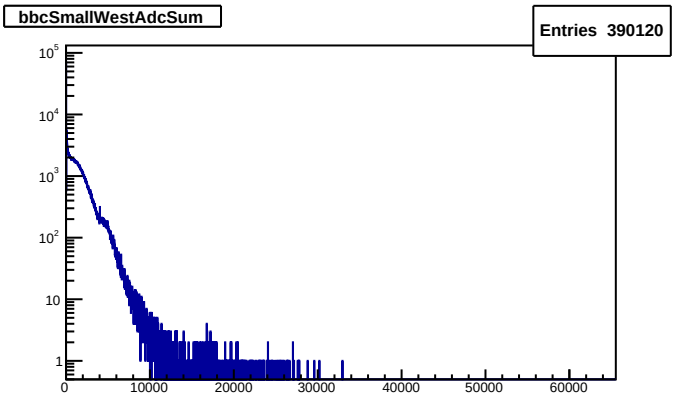
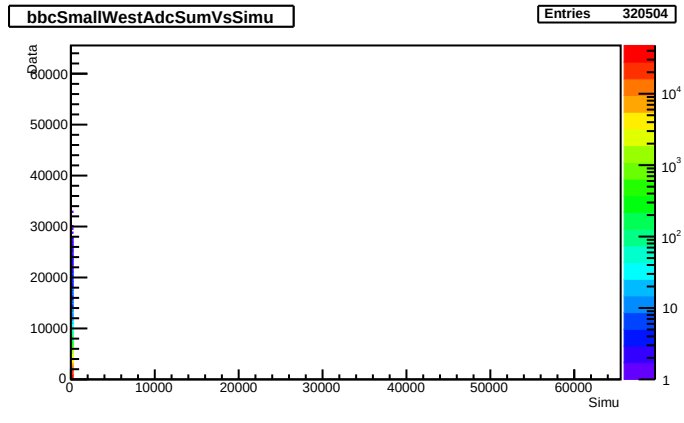
Entries 296265
Data
Simu


bbcSmallWestAdcSum
Entries 390120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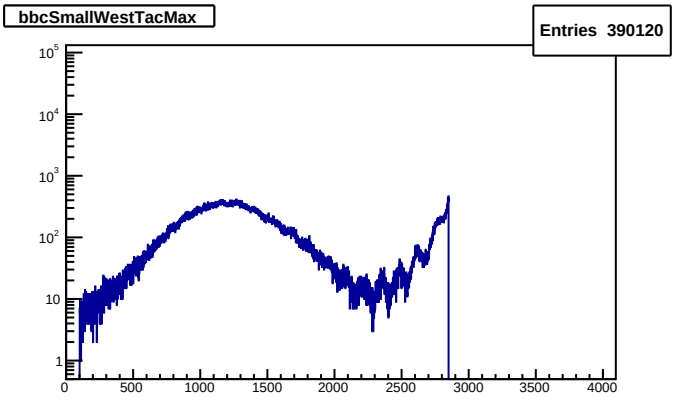
Entries 320504
Data
Simu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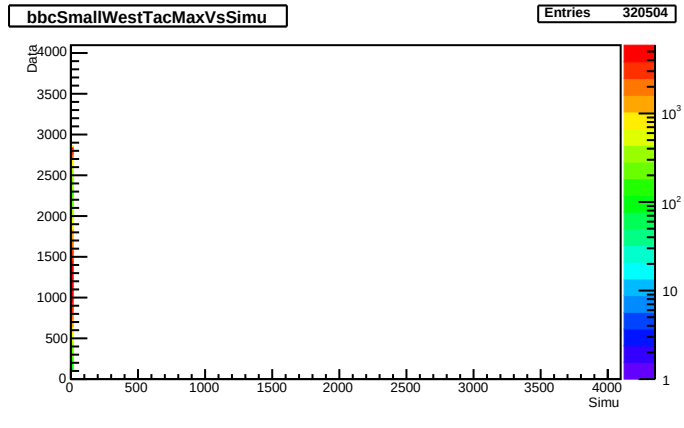
Entries 390120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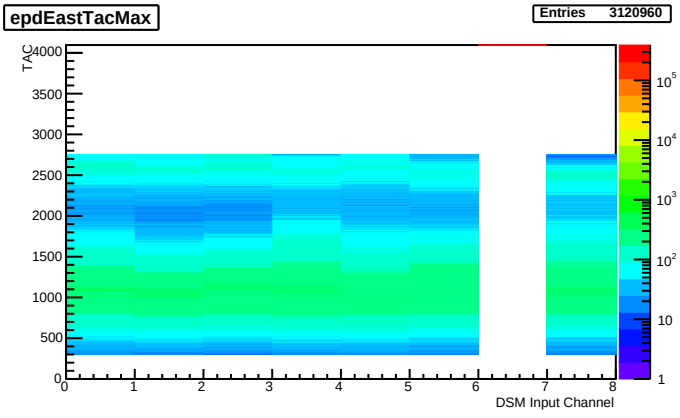
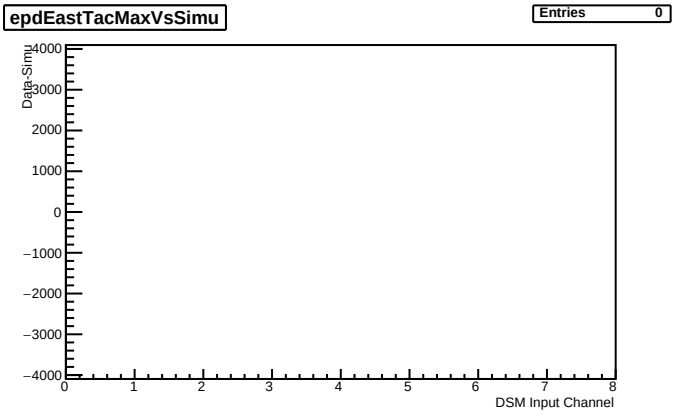
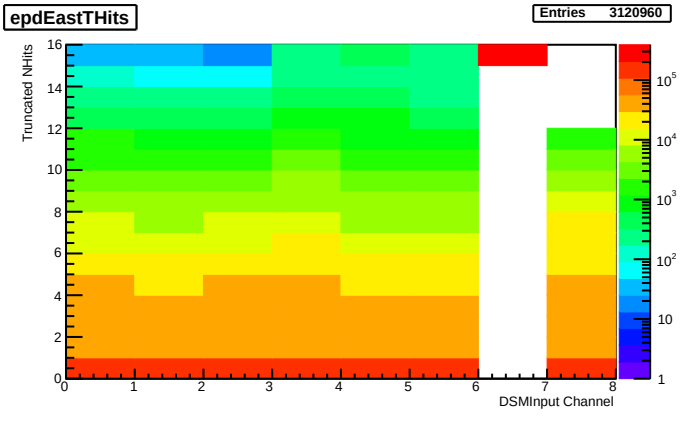
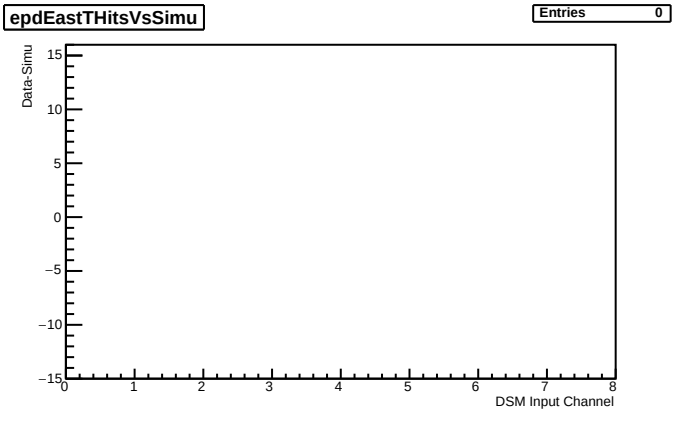
Entries 320504
Data
Simu


epdEastTacMax
Entries 3120960
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3120960
Truncated NHits
DSMInput Channel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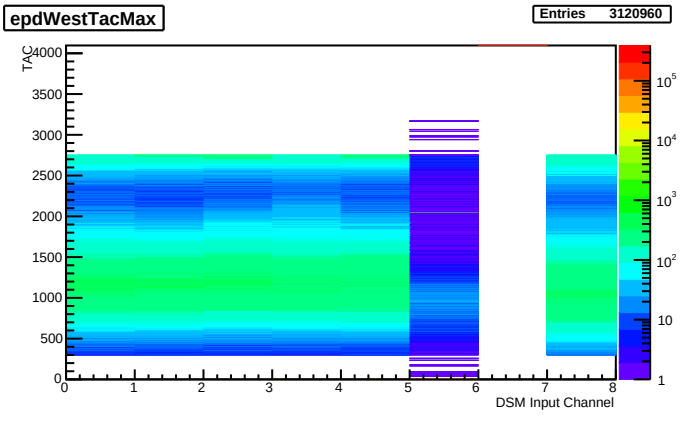
Entries 0
Data-Simu
DSM Input Channel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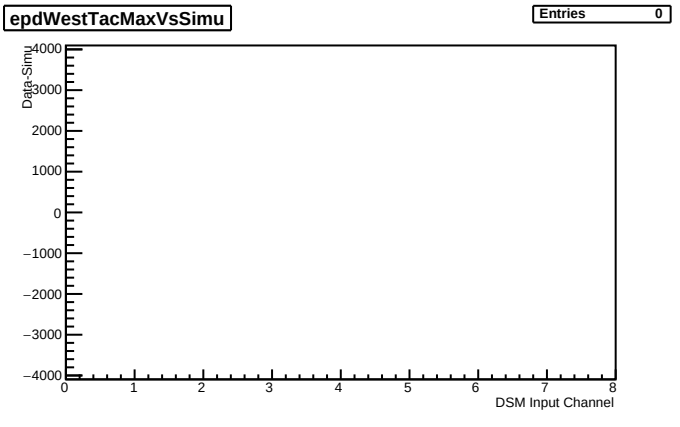
Entries 3120960
TAC
DSM Input Channel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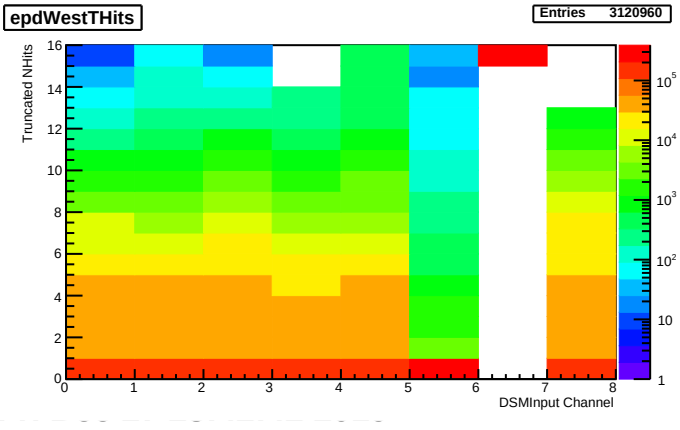
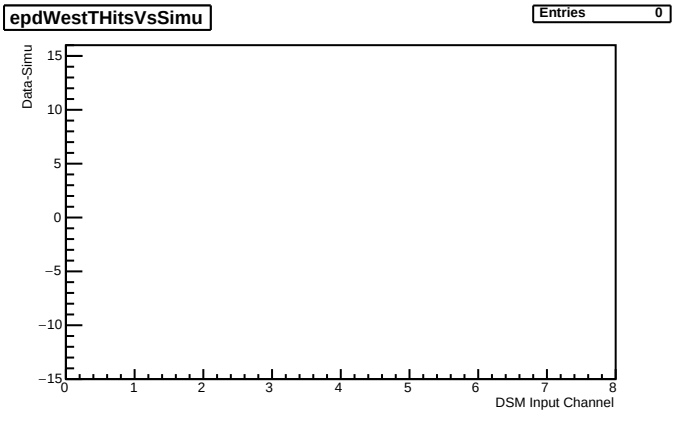
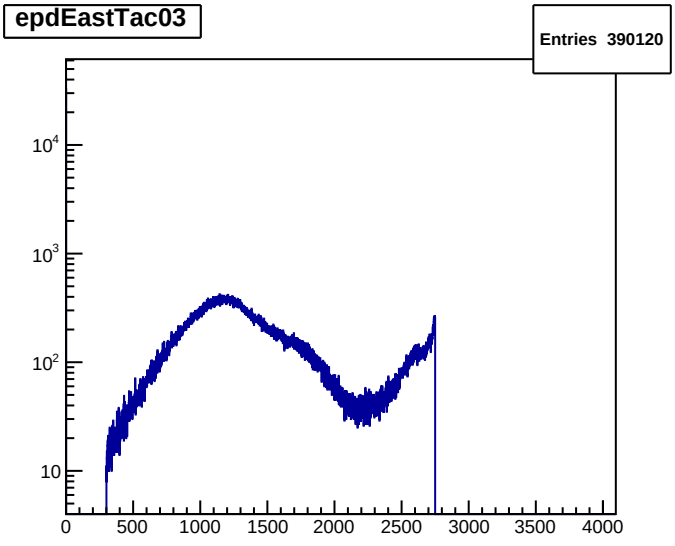
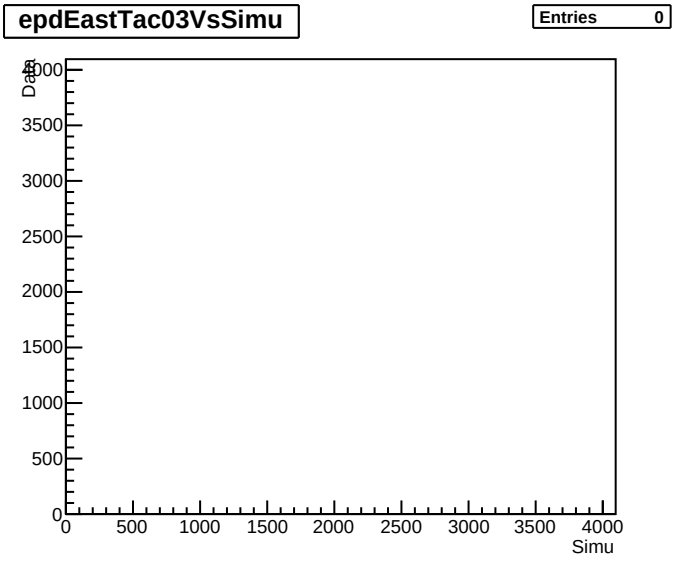
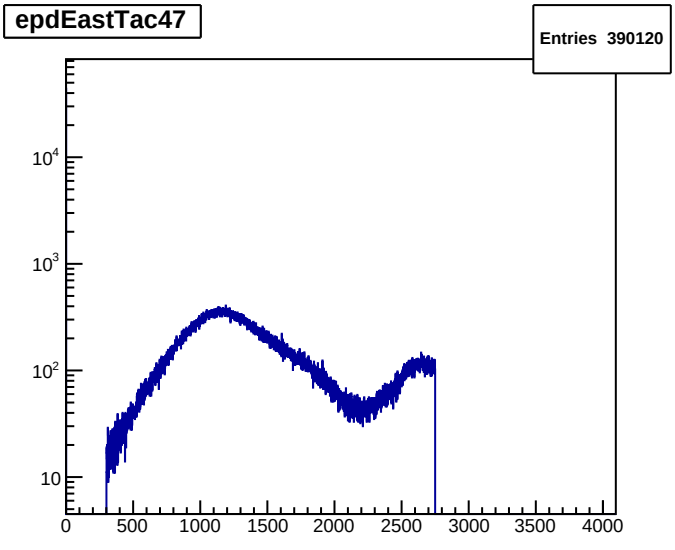
Entries 0
Data-Simu
DSM Input Channel

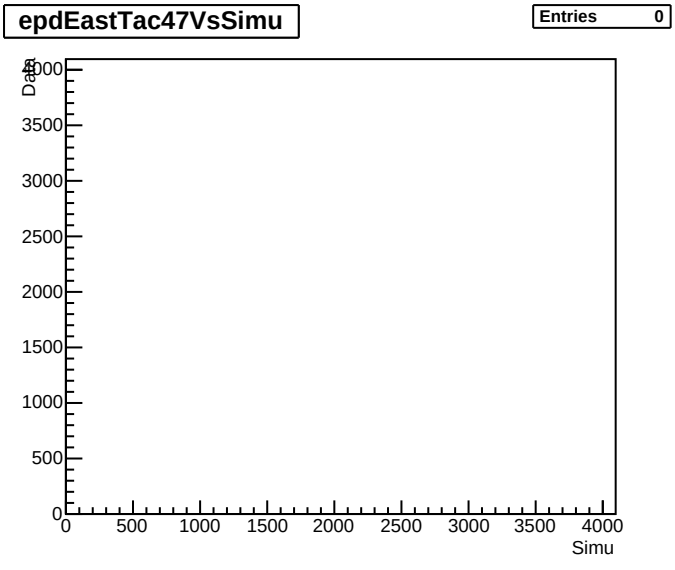

epdWestTHits
Entries 3120960
Truncated NHits
DSMInput Channel

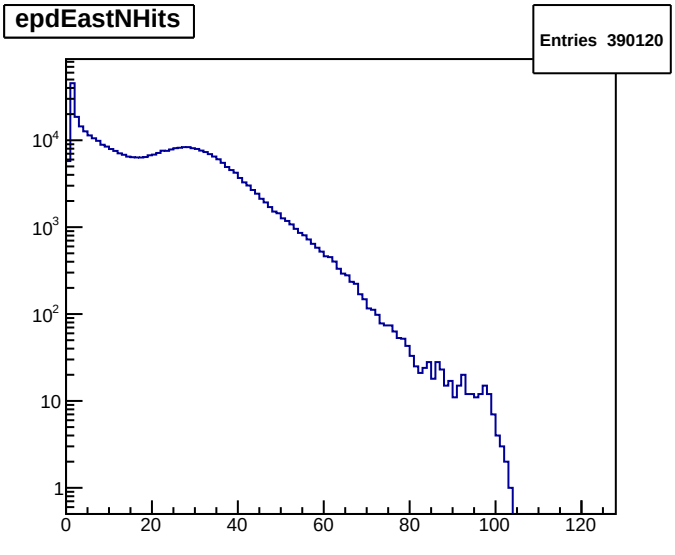

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

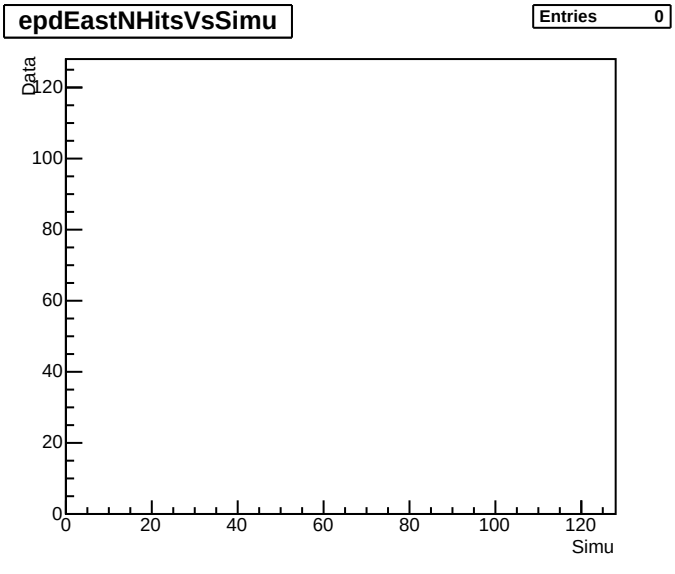

epdEastTac03
Entries 390120
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

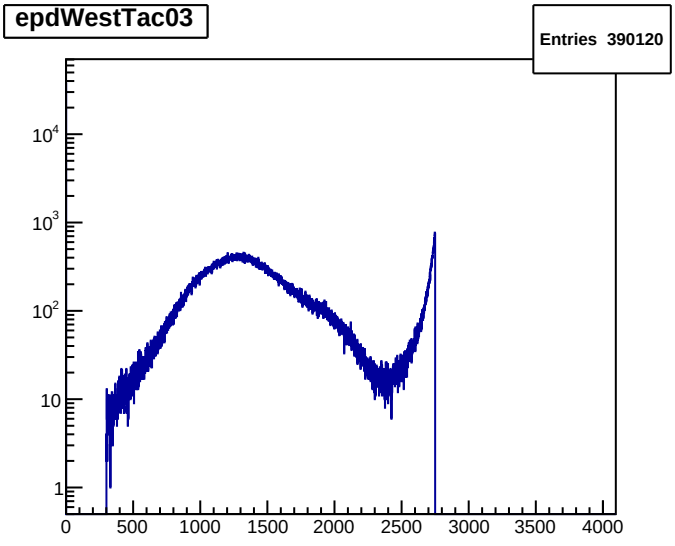

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

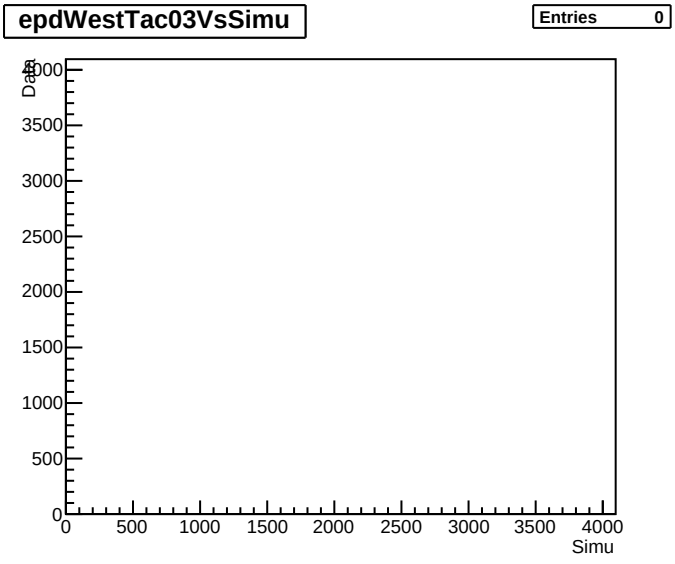

epdEastTac47
Entries 390120
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 390120
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 390120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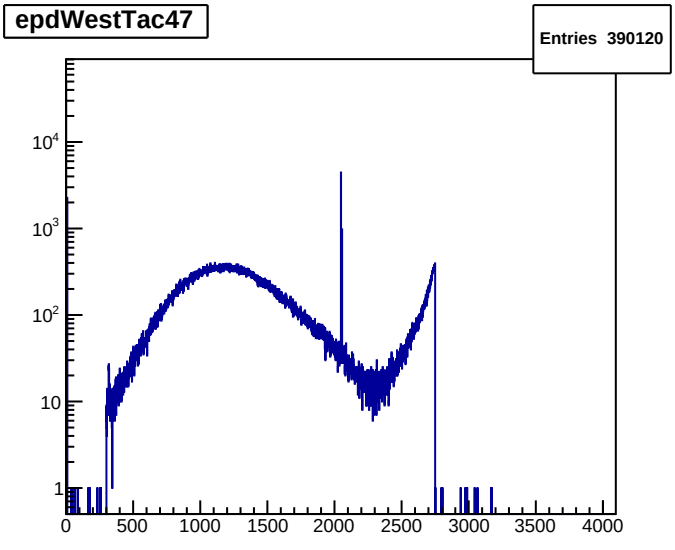
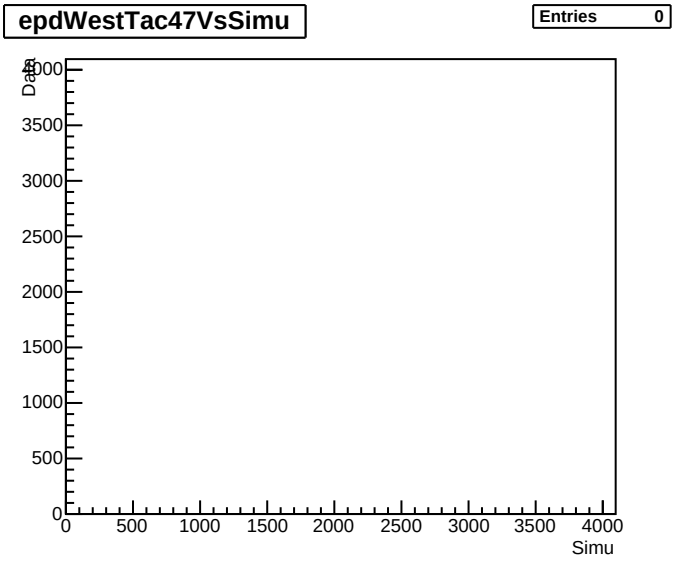
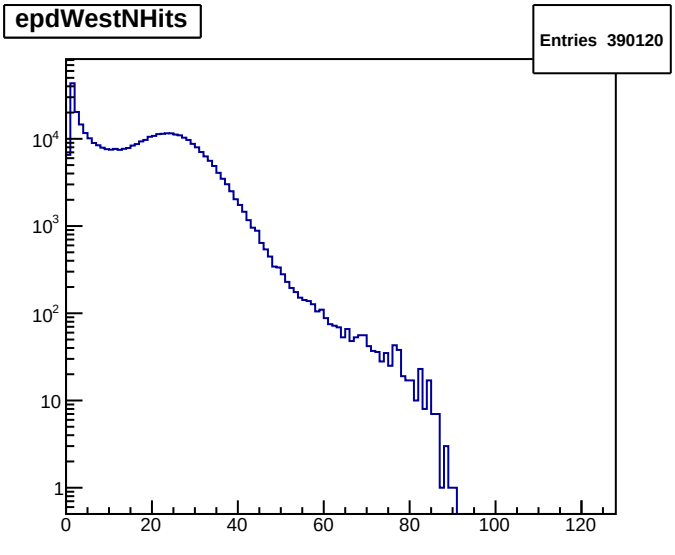
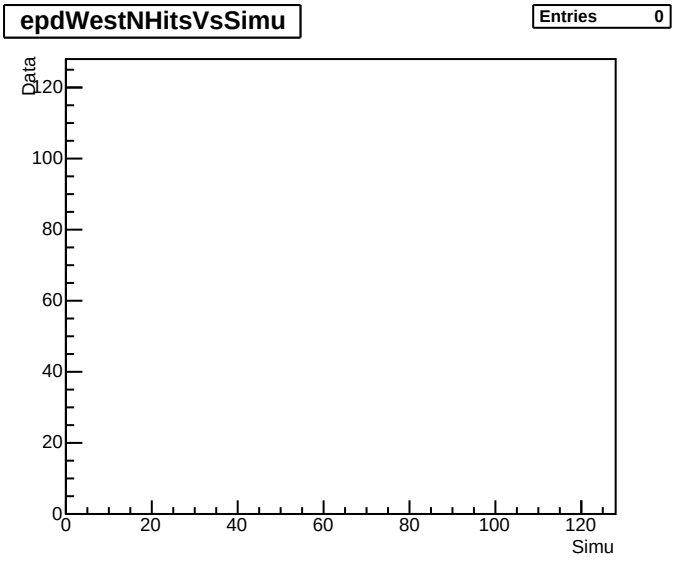
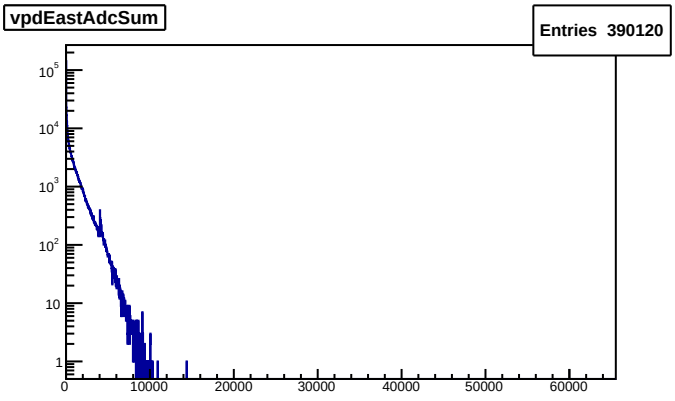
Entries 0
Data
Simu

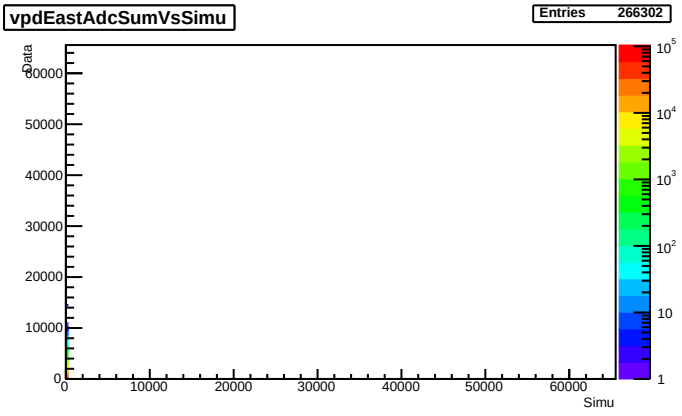

epdWestTac47
Entries 390120

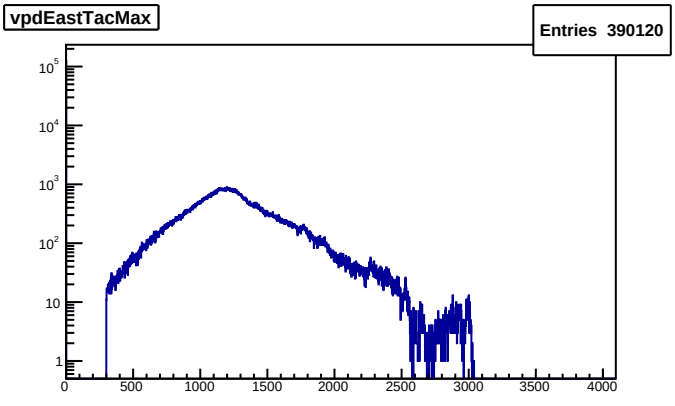

epdWestTac47VsSimu
Entries 0
Data
Simu

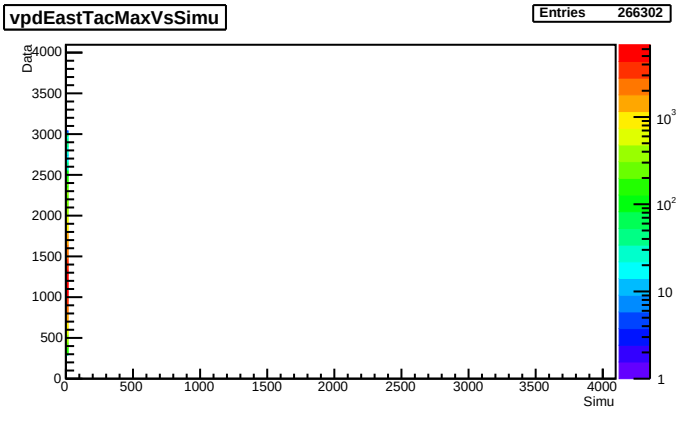

epdWestNHits
Entries 390120

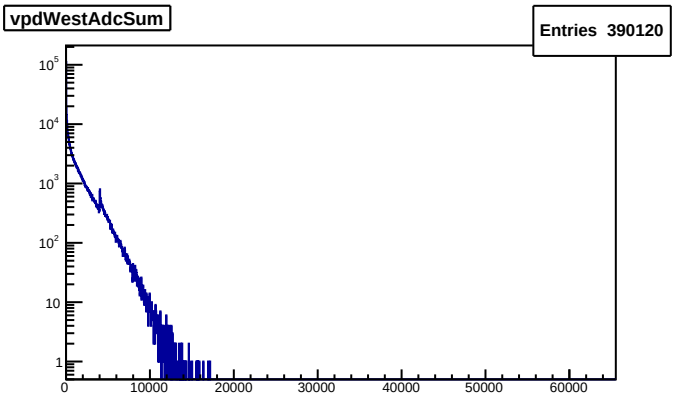

epdWestNHitsVsSimu
Entries 0
Data
Simu

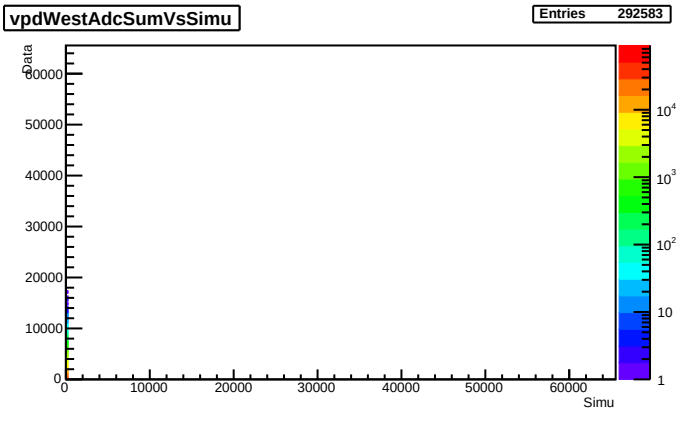

vpdEastAdcSum
Entries 390120

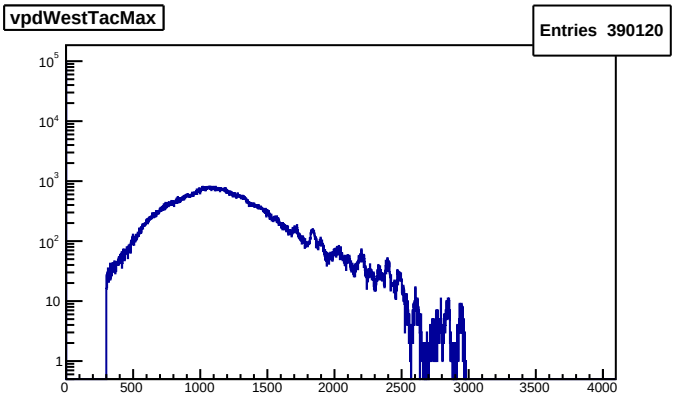

vpdEastAdcSumVsSimu
Entries 266302
Data
Simu

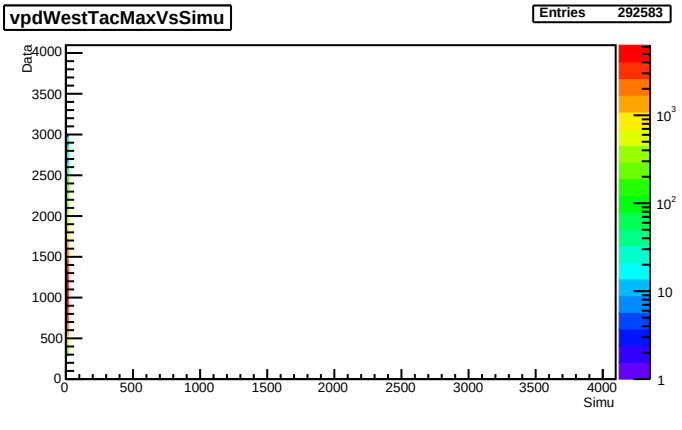

vpdEastTacMax
Entries 390120

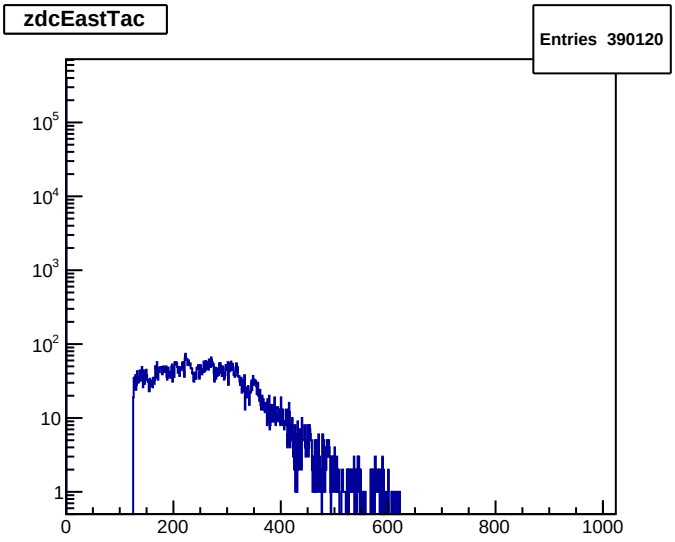

vpdEastTacMaxVsSimu
Entries 266302
Data
Simu

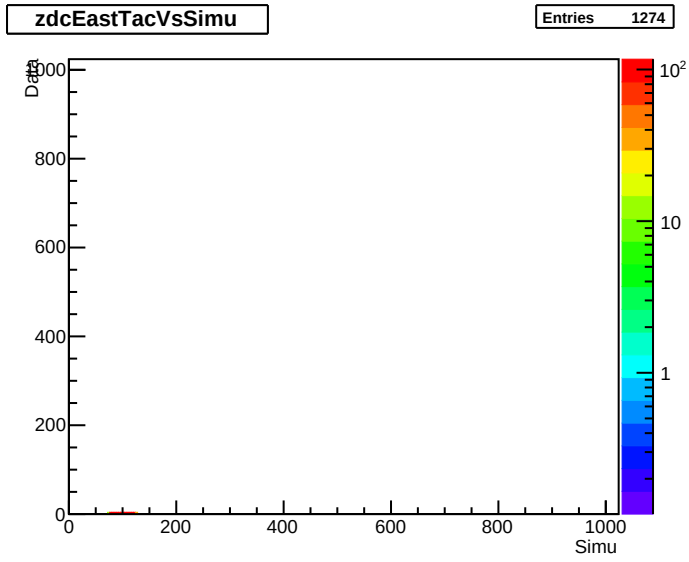

vpdWestAdcSum
Entries 390120

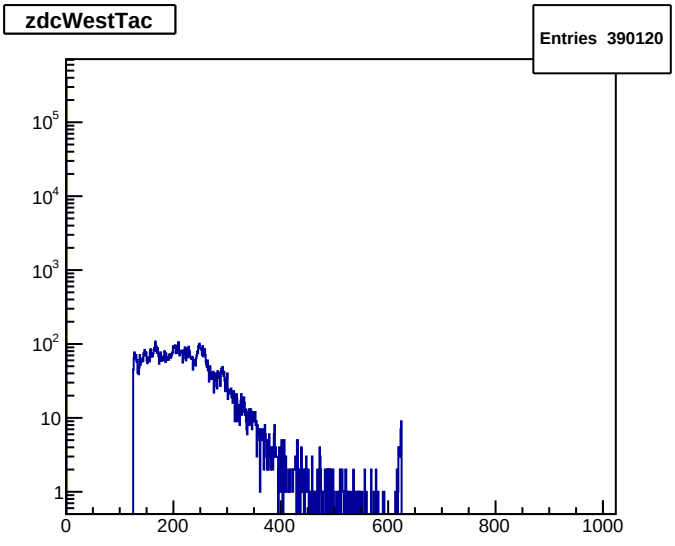

vpdWestAdcSumVsSimu
Entries 292583
Data
Simu

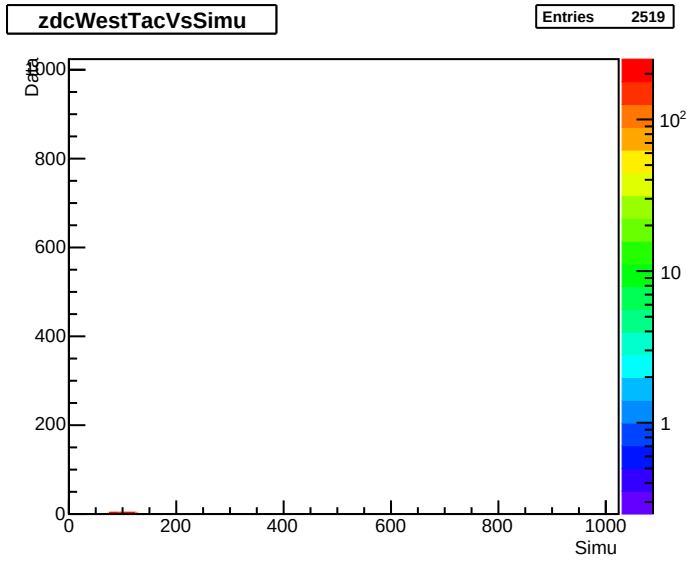

vpdWestTacMax
Entries 390120

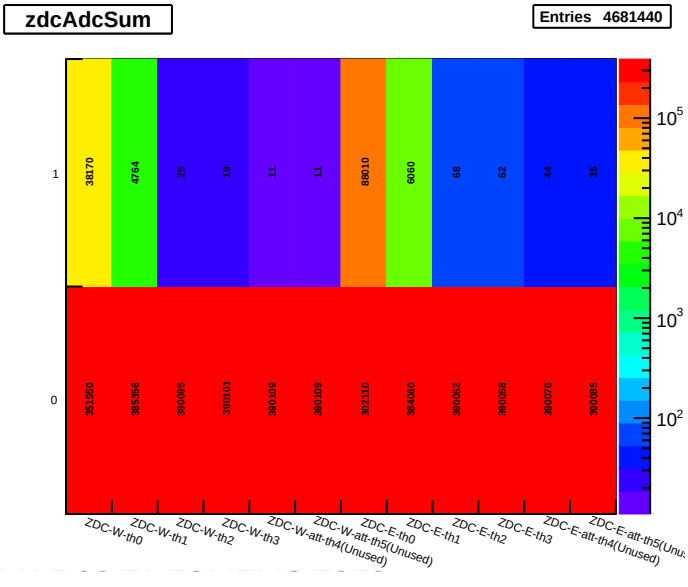

vpdWestTacMaxVsSimu
Entries 292583
Data
Simu

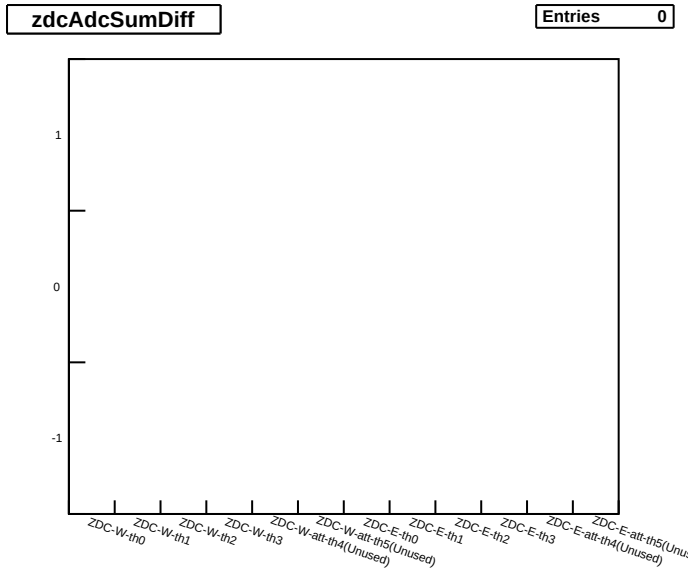

zdcEastTac
Entries 390120

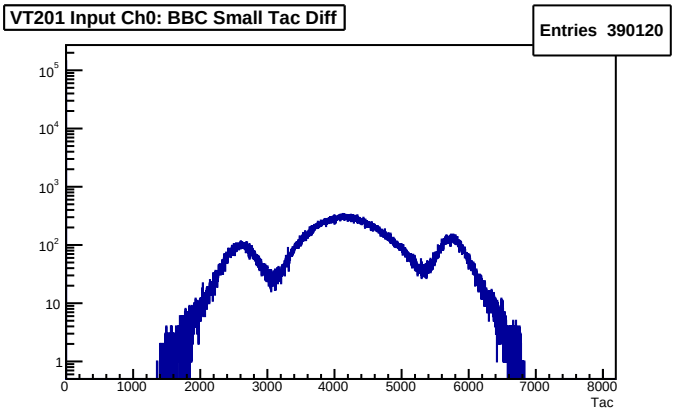

zdcEastTacVsSimu
Entries 1274
Data
Simu

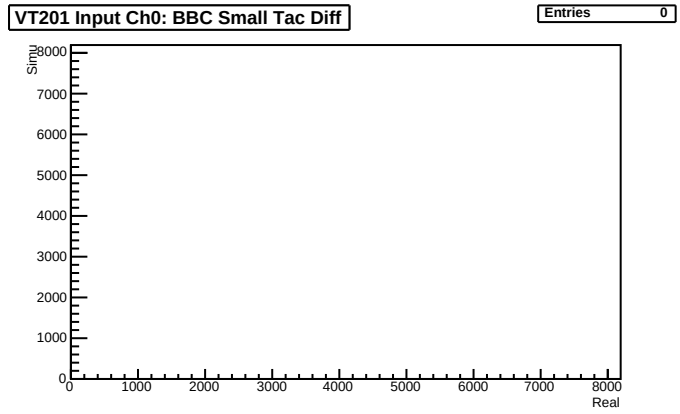

zdcWestTac
Entries 390120

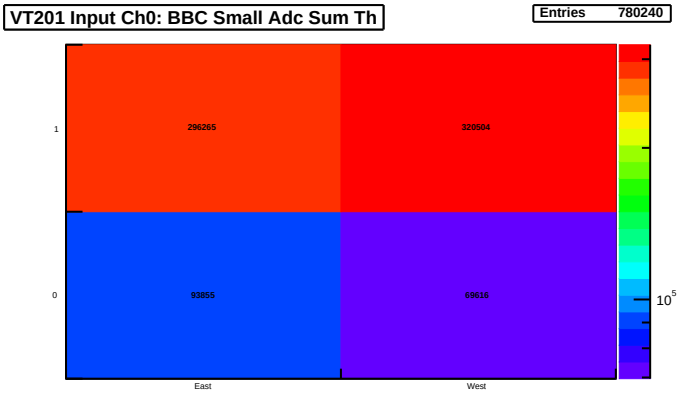

zdcWestTacVsSimu
Entries 2519
Data
Simu

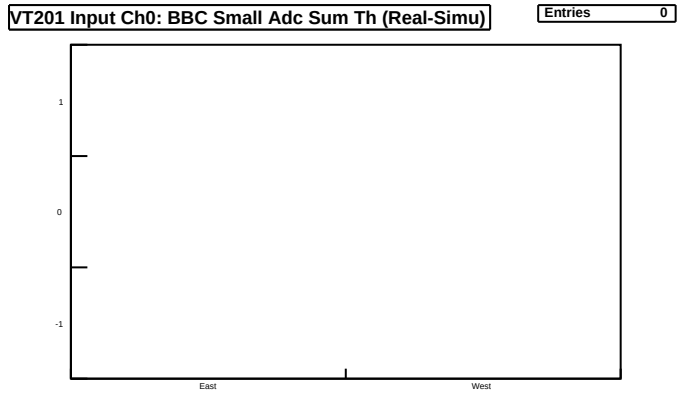

zdcAdcSum
Entries 4681440
38170
4764
25
19
11
11
88010
6060
68
62
44
35
351950
385356
390095
390101
390109
390109
302110
384060
390052
390058
390076
390085
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

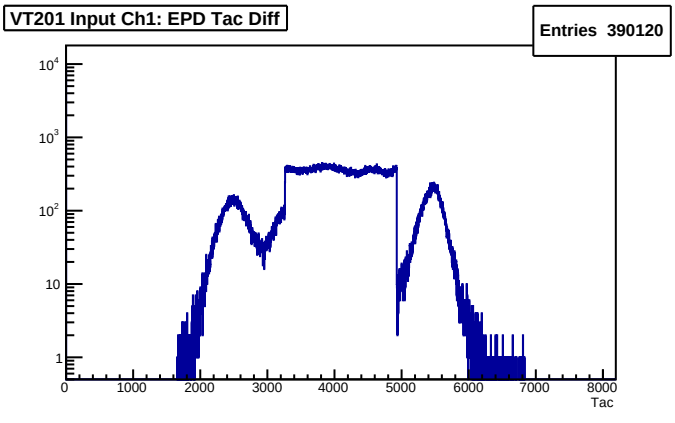

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

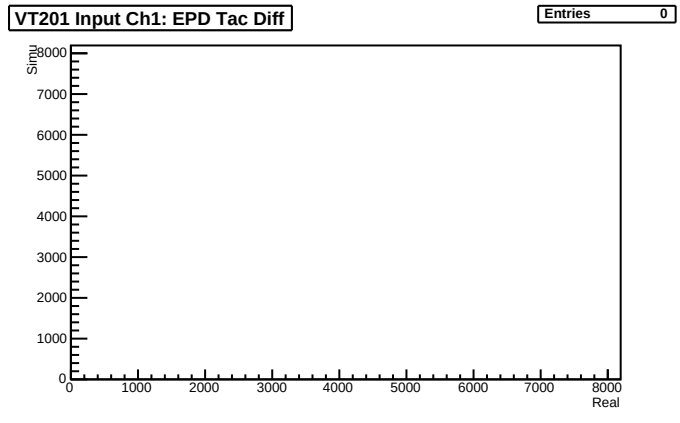

VT201 Input Ch0: BBC Small Tac Diff
Entries 390120
Tac

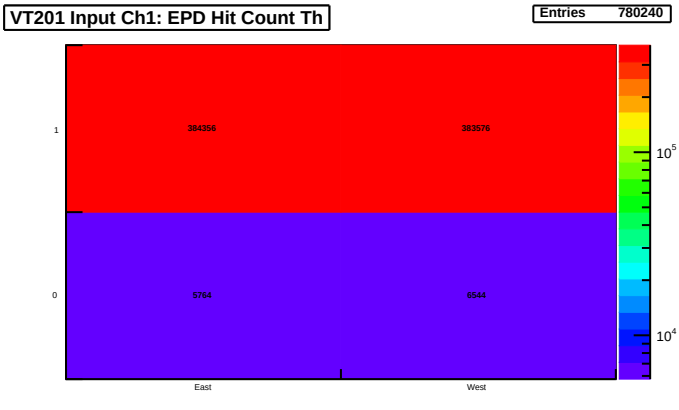

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

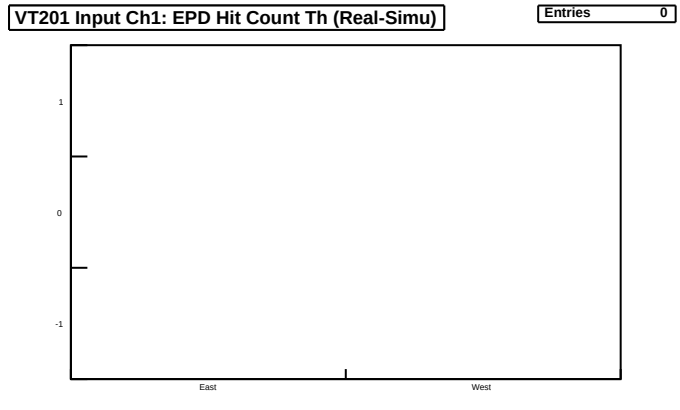

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 780240
296265
320504
93855
69616
East
West

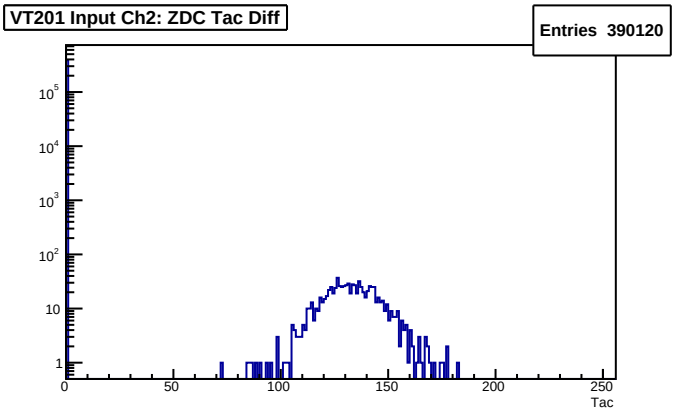

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

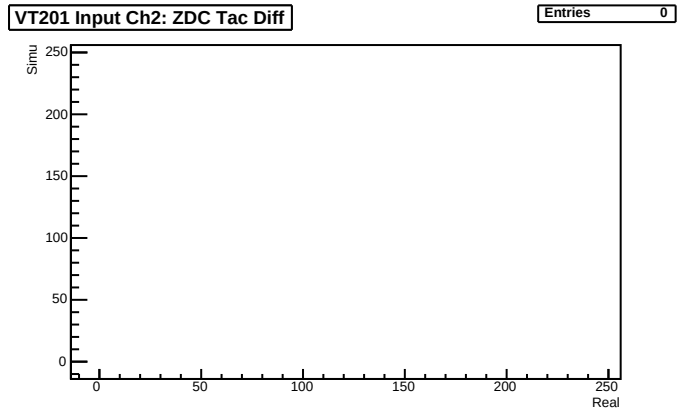

VT201 Input Ch1: EPD Tac Diff
Entries 390120
Tac

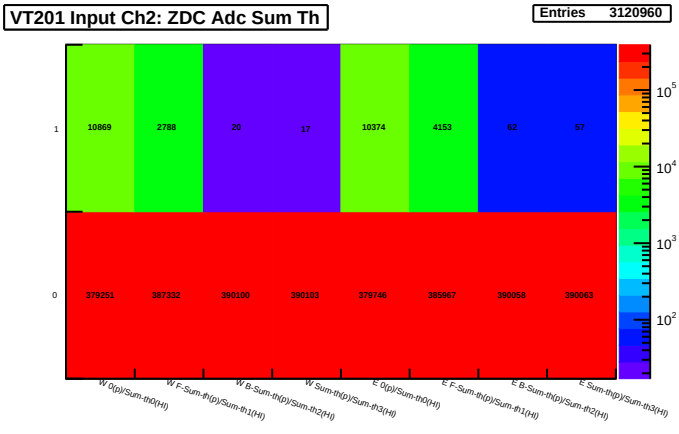

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

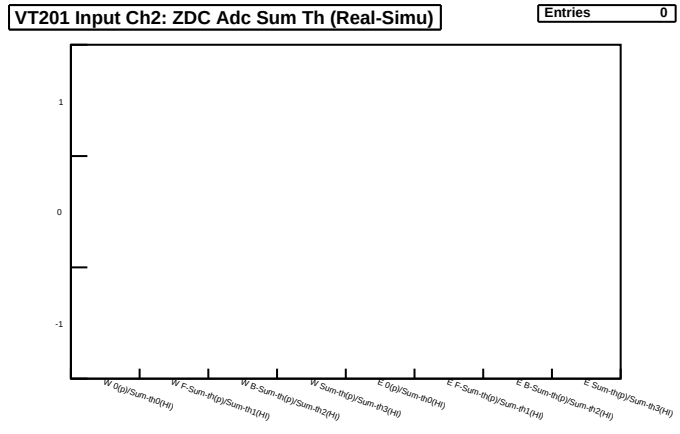

VT201 Input Ch1: EPD Hit Count Th
Entries 780240
384356
383576
5764
6544
East
West

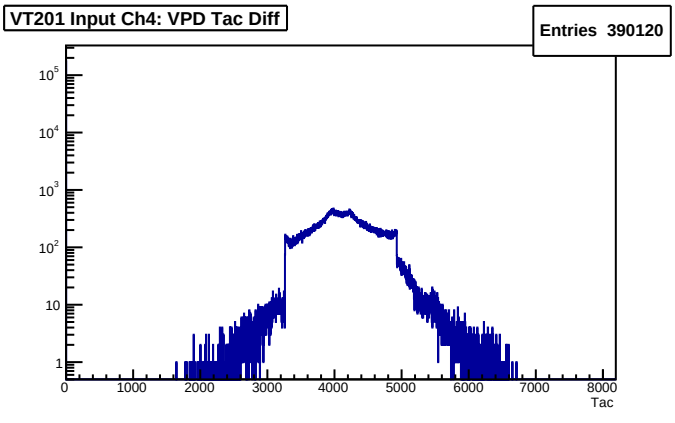

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

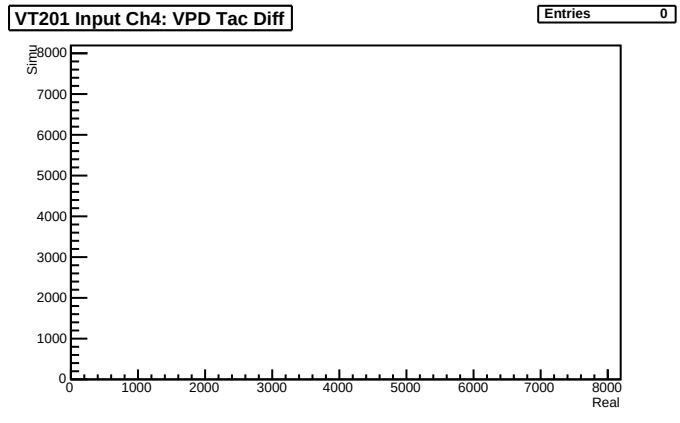

VT201 Input Ch2: ZDC Tac Diff
Entries 390120
Tac

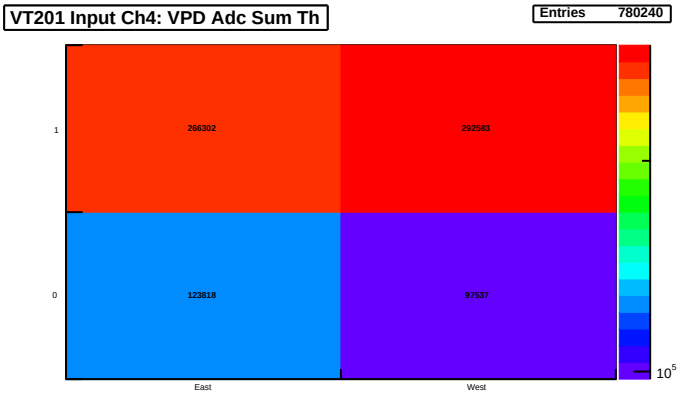

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

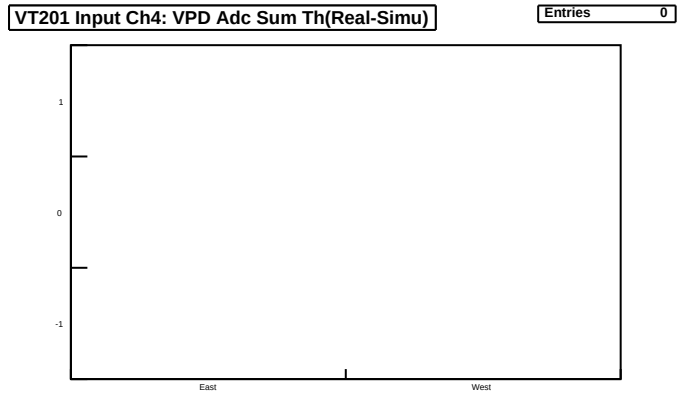

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3120960
10869
2788
20
17
10374
4153
62
57
379251
387332
390100
390103
379746
385967
390058
390063
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

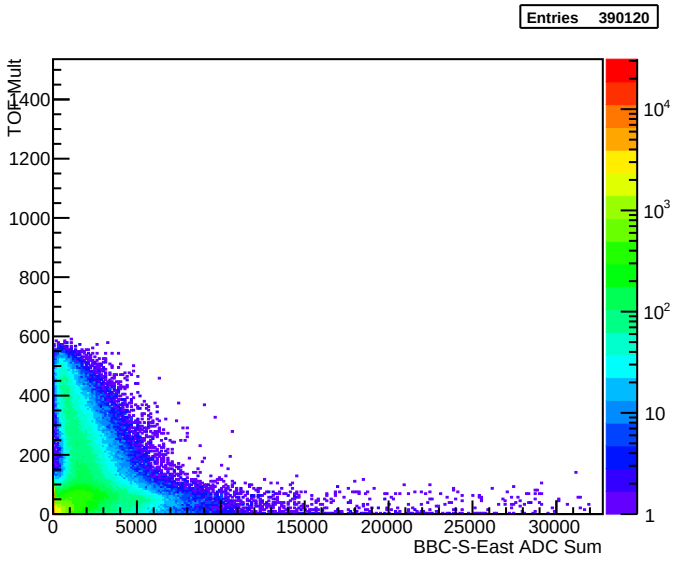

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

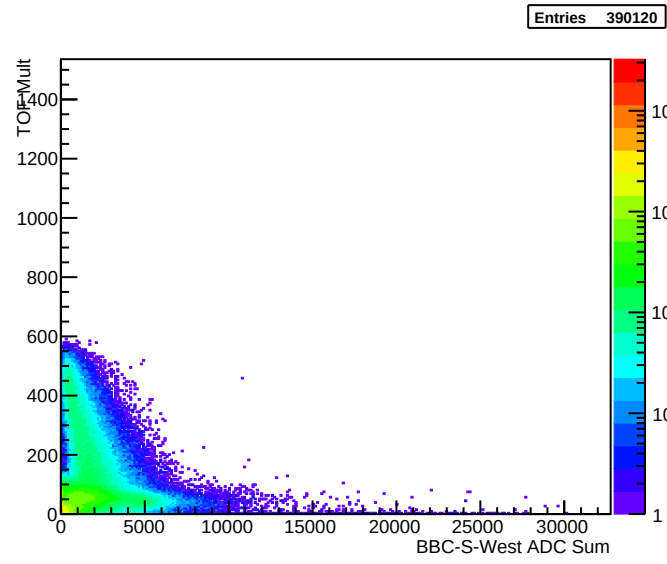

VT201 Input Ch4: VPD Tac Diff
Entries 390120
Tac

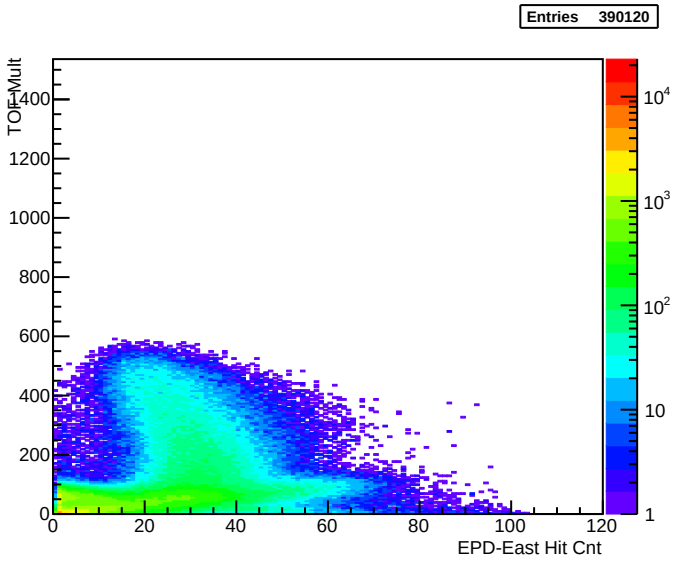

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

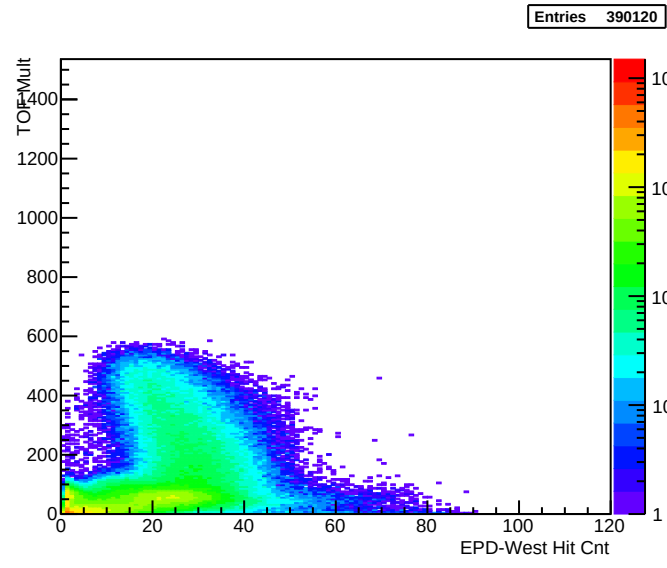

VT201 Input Ch4: VPD Adc Sum Th
Entries 780240
266302
292583
123818
97537
East
West

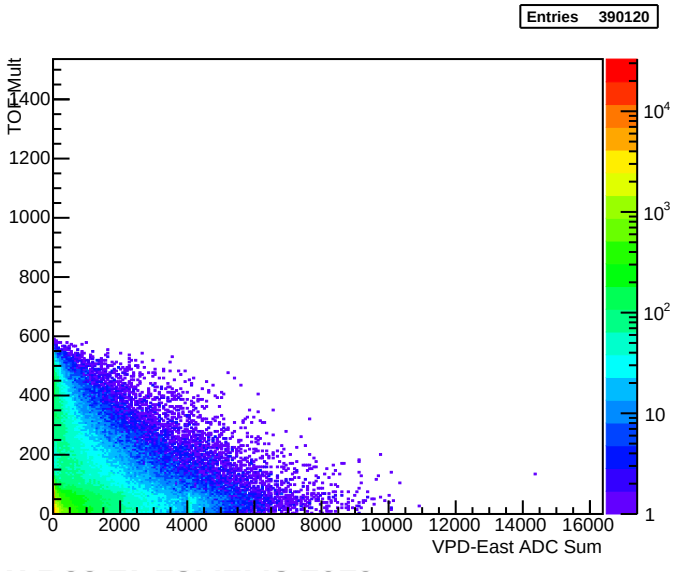

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

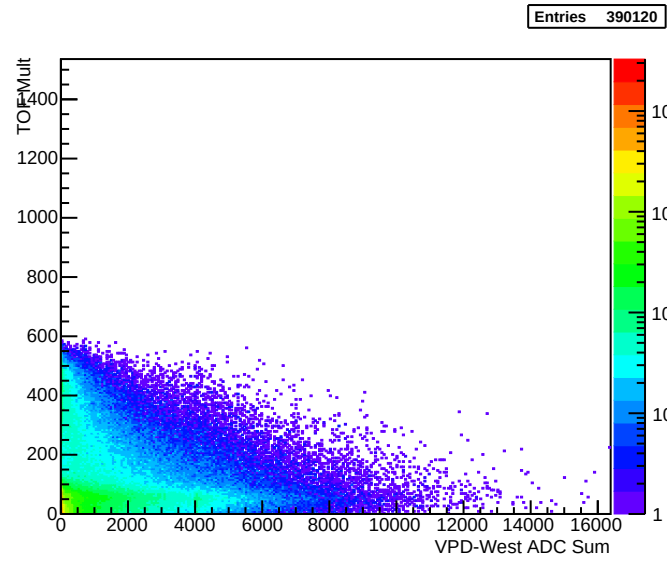

Entries 390120
TOF-Mult
BBC-S-East ADC Sum

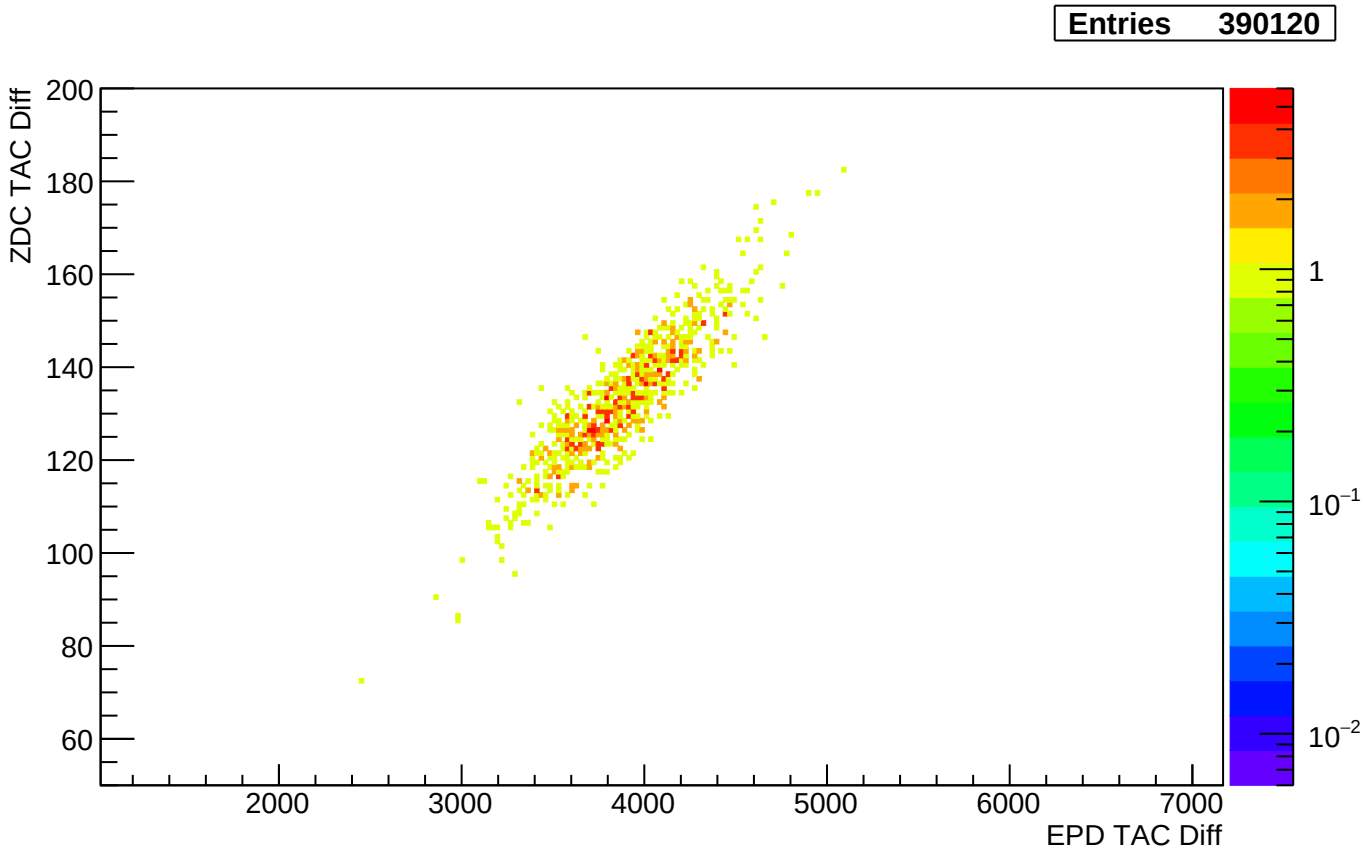

Entries 390120
TOF-Mult
BBC-S-West ADC Sum

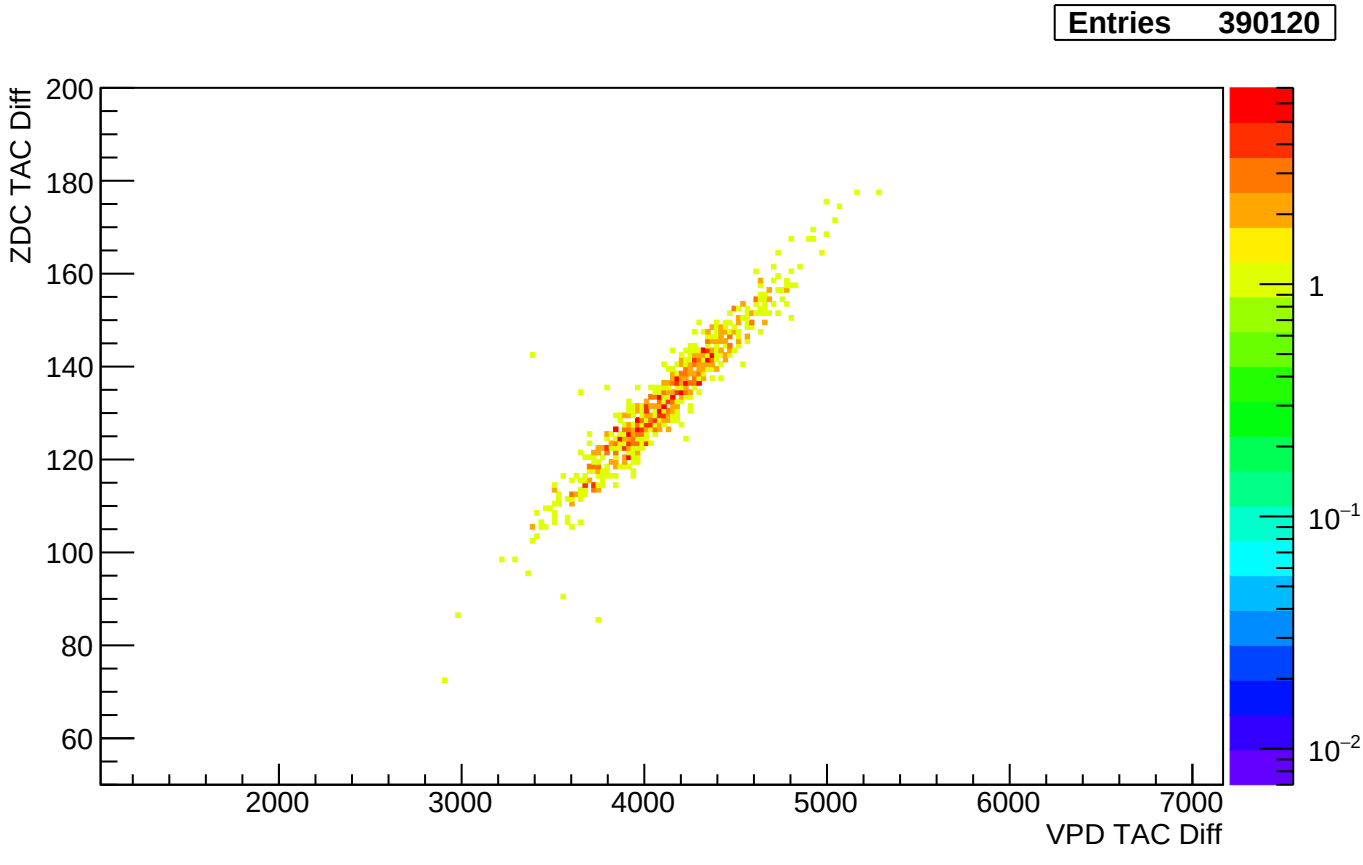

Entries 390120
TOF-Mult
EPD-East Hit Cnt

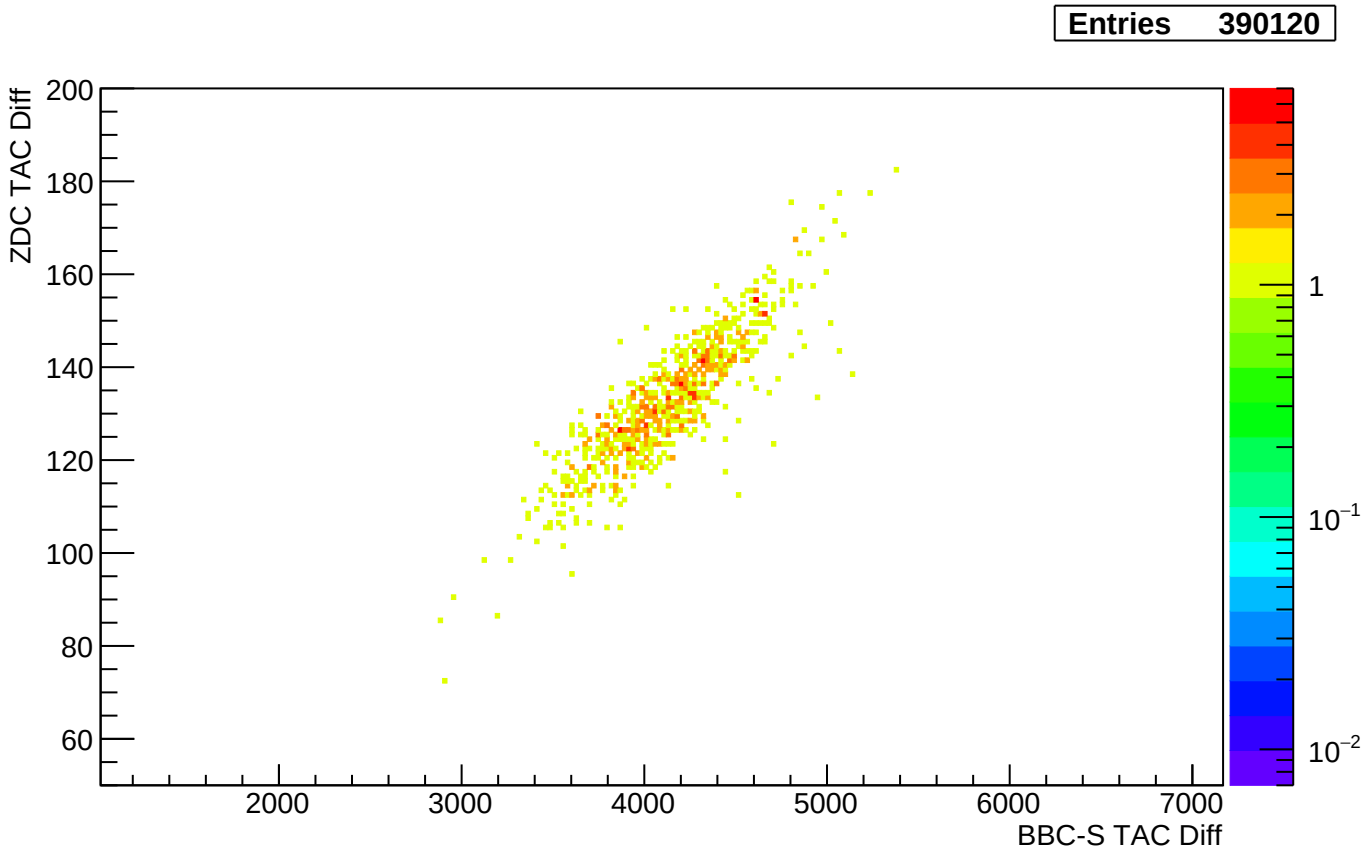

Entries 390120
TOF-Mult
EPD-West Hit Cnt

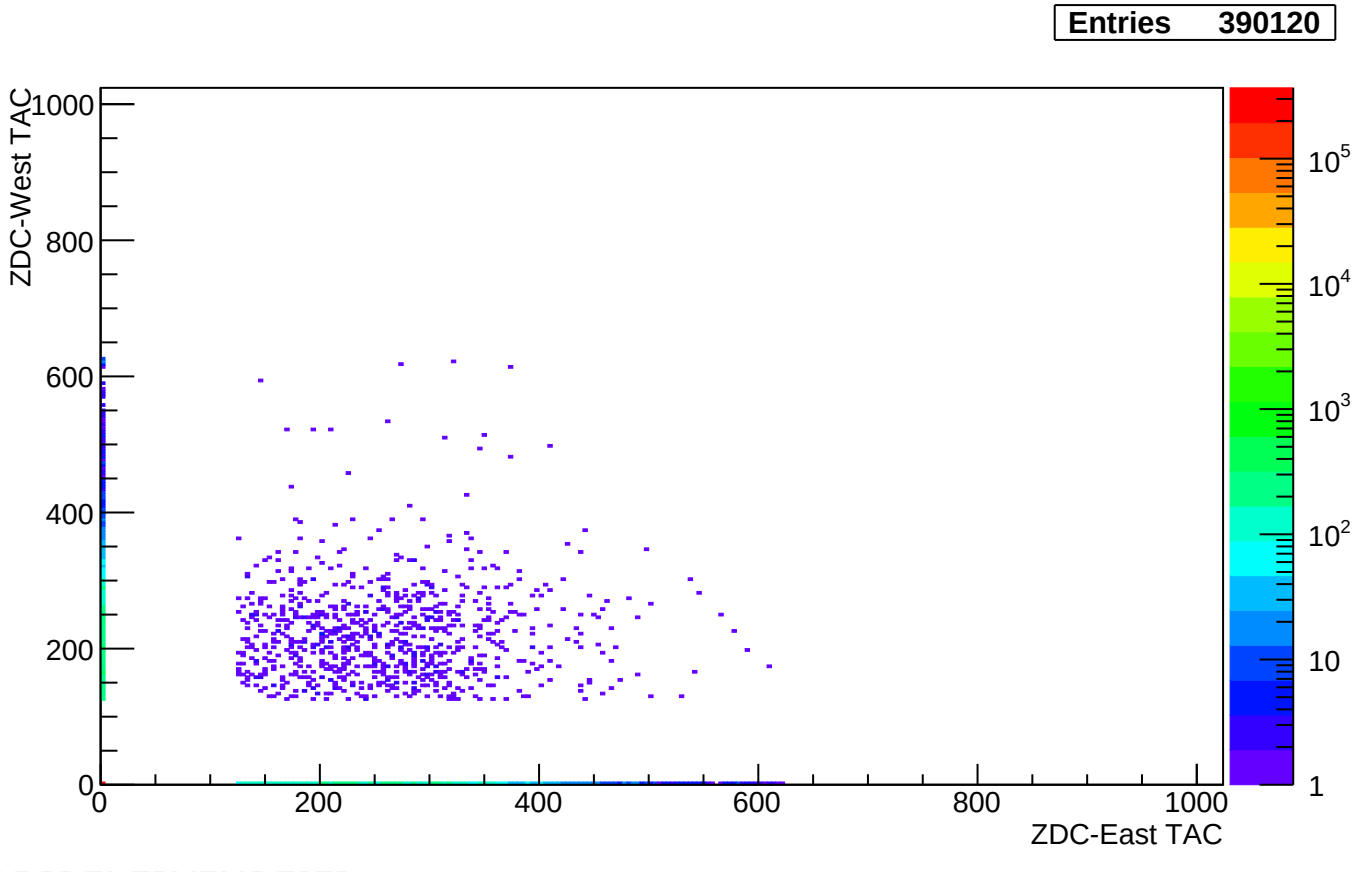

Entries 390120
TOF-Mult
VPD-East ADC Sum

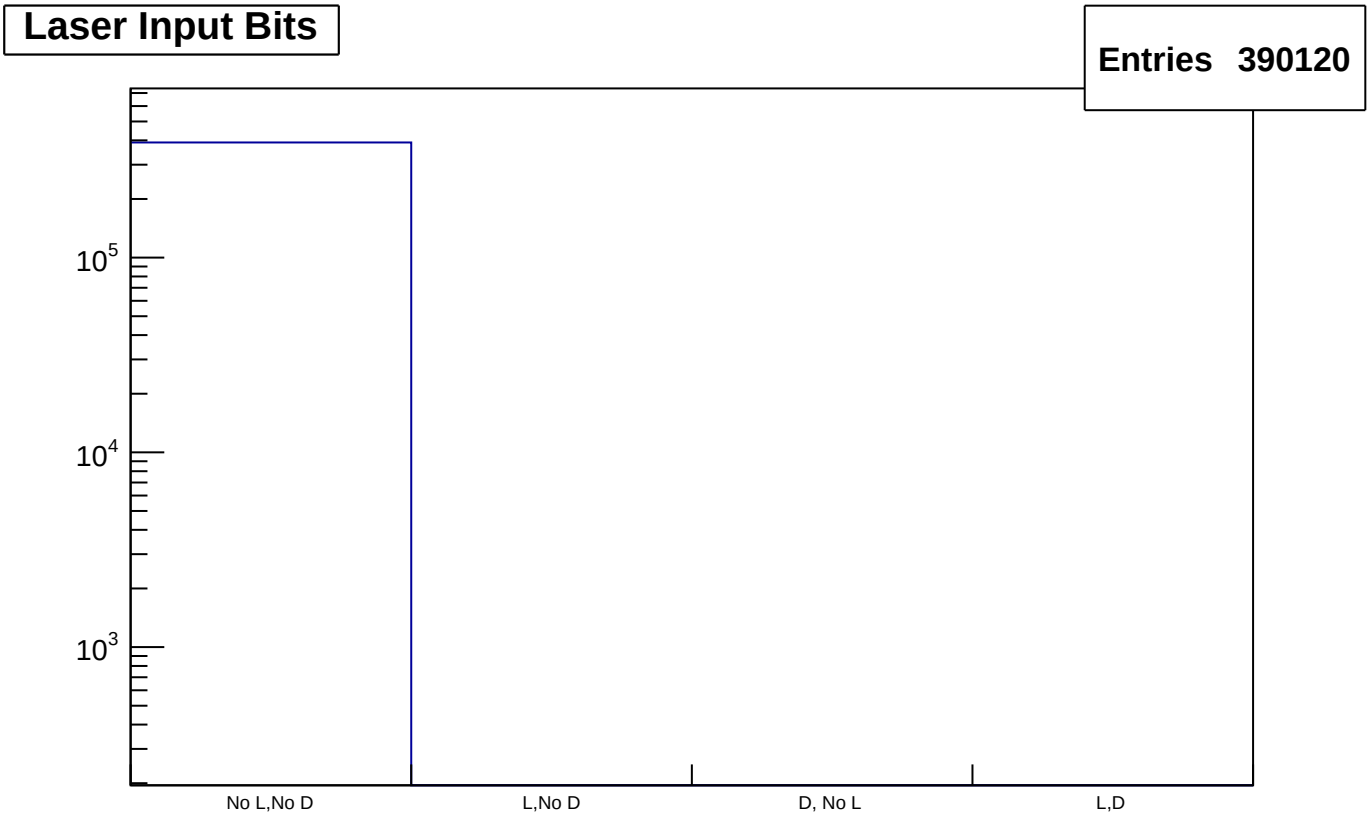

Entries 390120
TOF-Mult
VPD-West ADC Sum

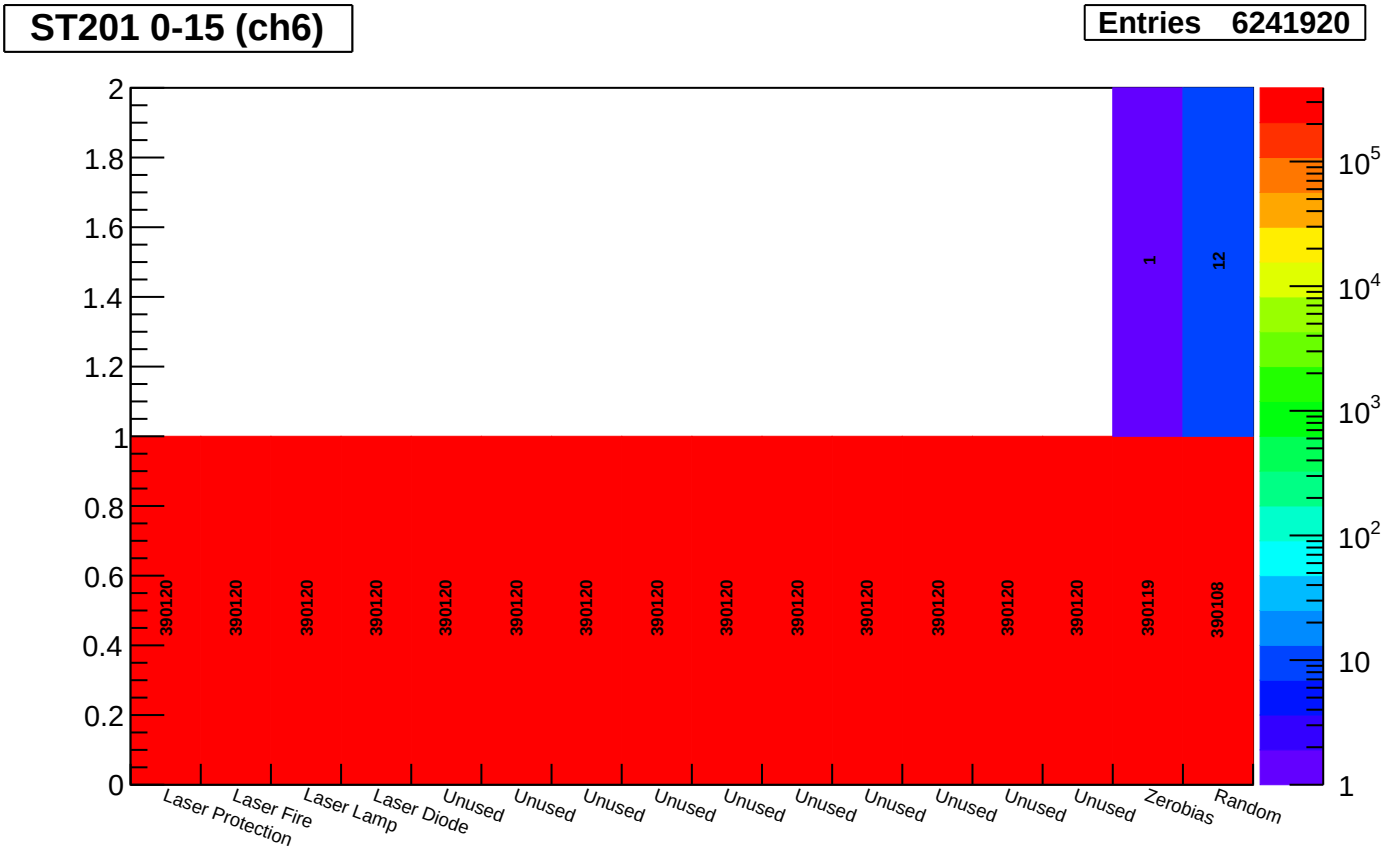

Entries 390120
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

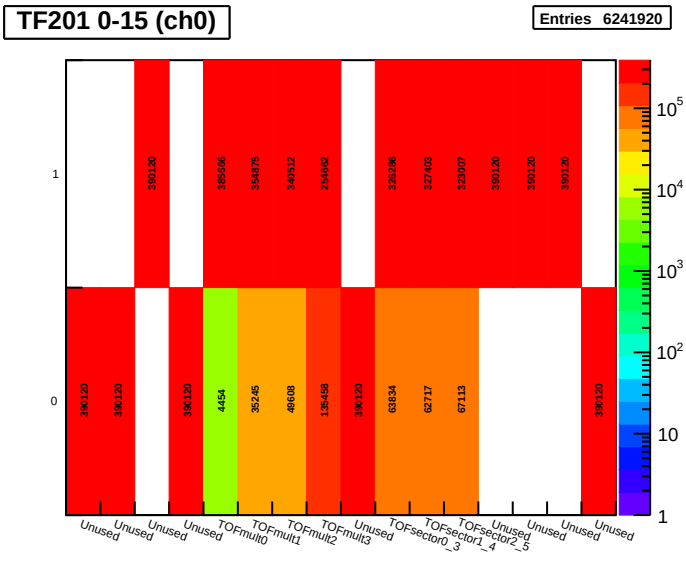

Entries 390120
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

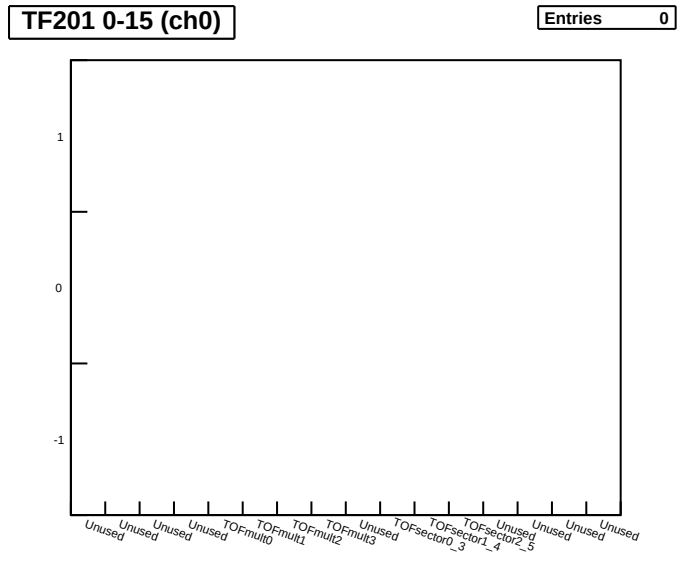

Entries 390120
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

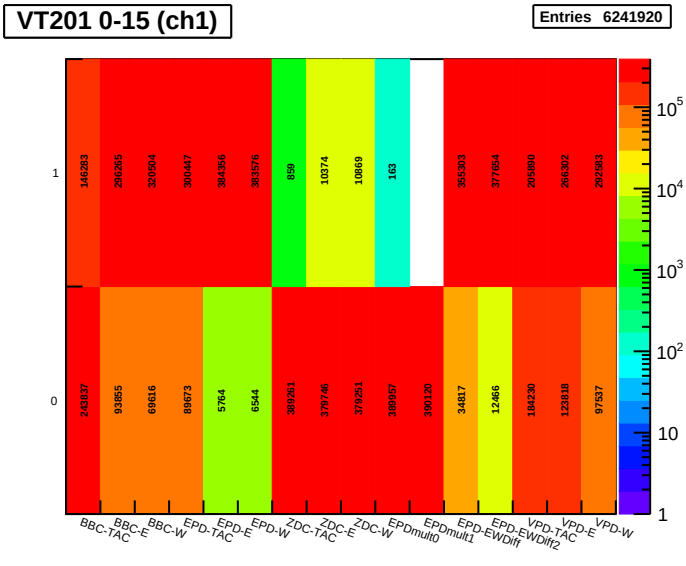

Entries 390120
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

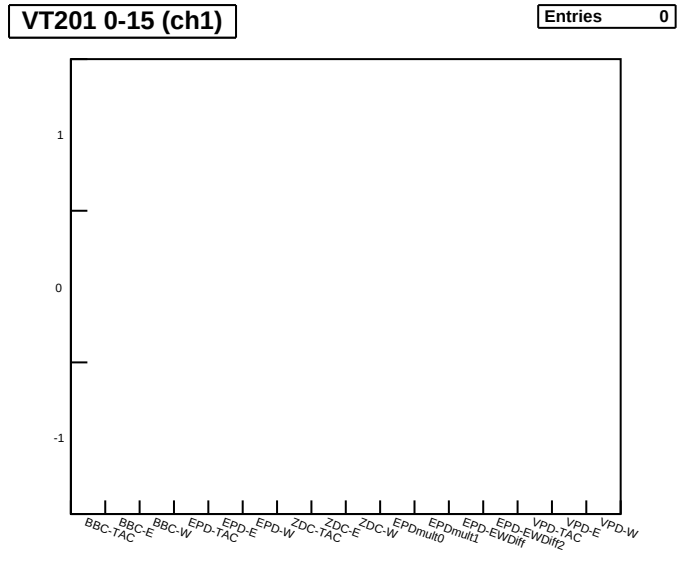

Laser Input Bits
Entries 390120
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

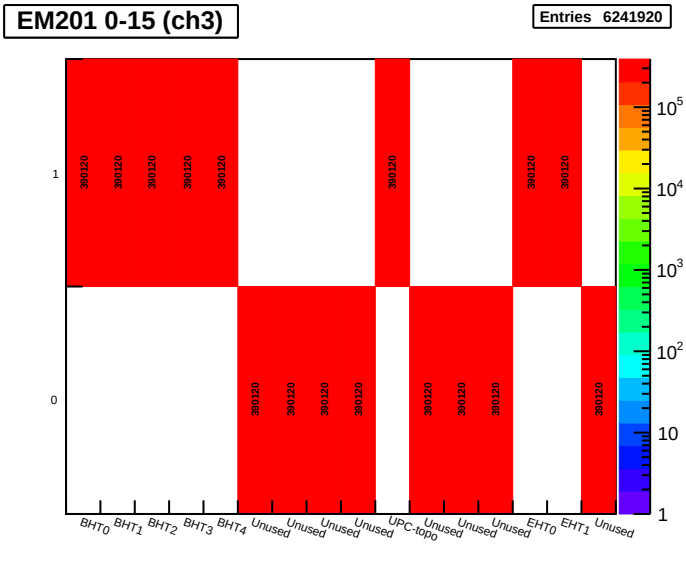

ST201 0-15 (ch6)
Entries 6241920
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
390120
390120
390120
390120
390120
390120
390120
390120
390120
390120
390120
390120
390120
390120
390119
390108
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

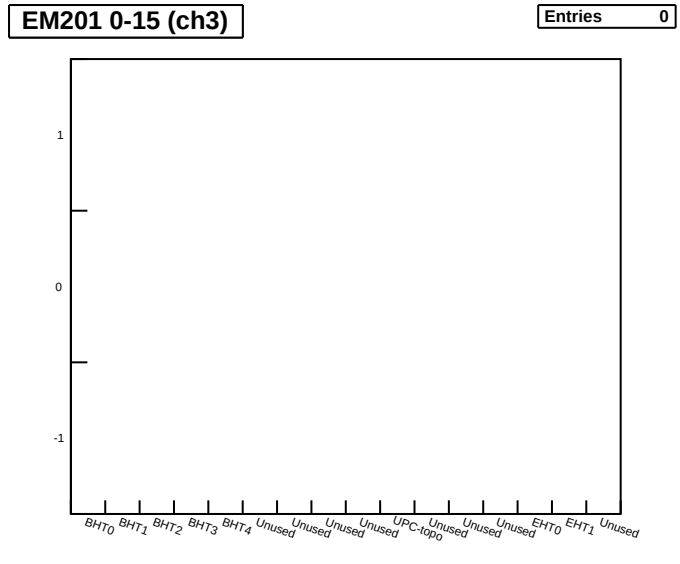

TF201 0-15 (ch0)
Entries 6241920
1
0
390120 390120 390120 390120 385666 354875 340512 254662 326286 327403 323007 390120 390120 390120
390120 390120 390120 4454 35245 49608 135458 390120 63834 62717 67113 390120
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 6241920
1
0
146283 296255 320594 300447 364356 383576 859 10374 10869 163 355303 377654 205890 266302 292383
243837 93855 69616 89673 5764 6544 389261 379746 379251 389957 390120 34817 12466 184230 123818 97537
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 6241920
1
0
390120 390120 390120 390120 390120 390120 390120 390120 390120
390120 390120 390120 390120 390120 390120 390120 390120
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