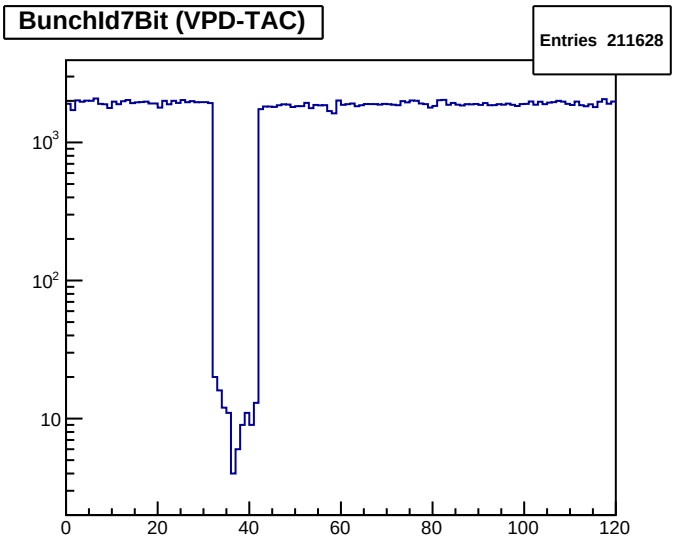
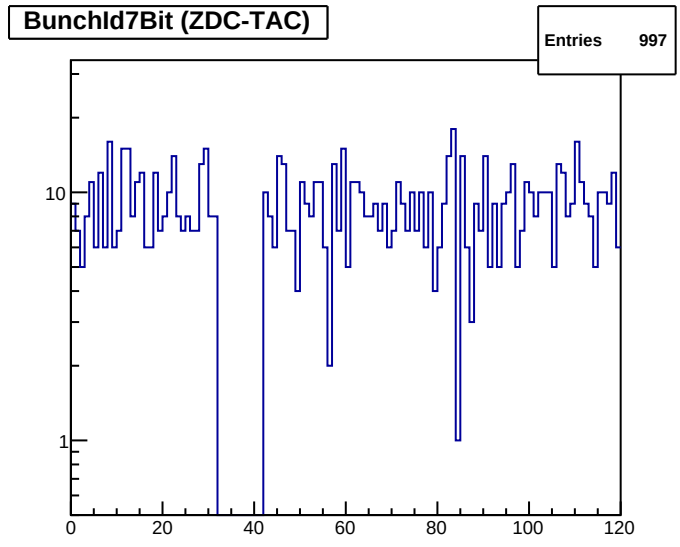
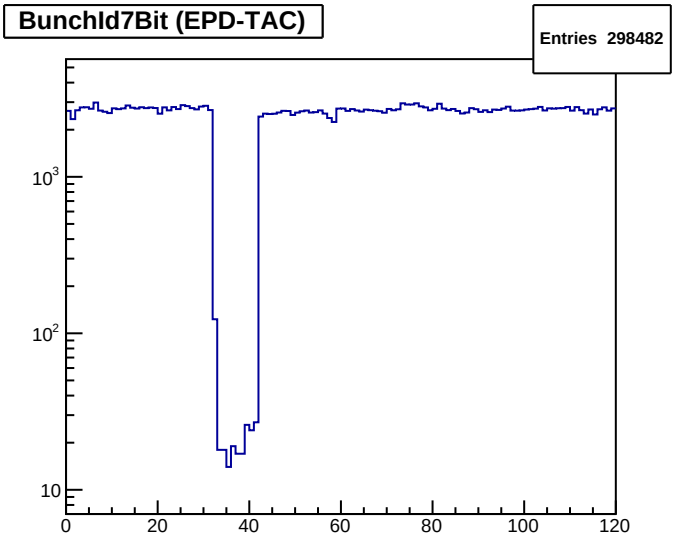
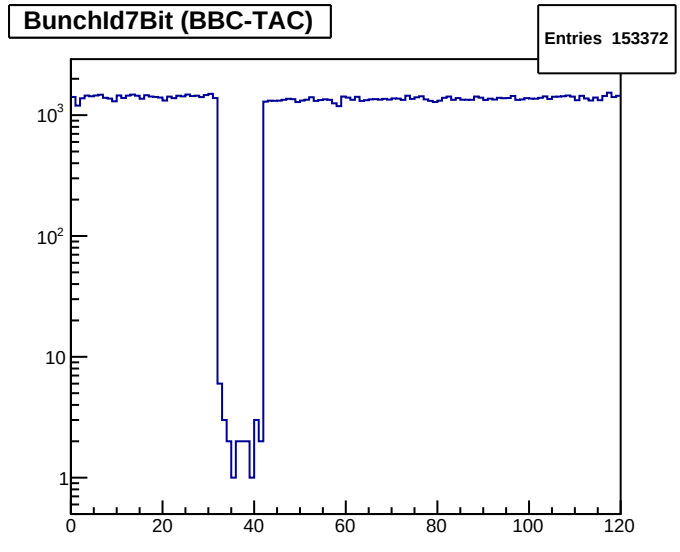
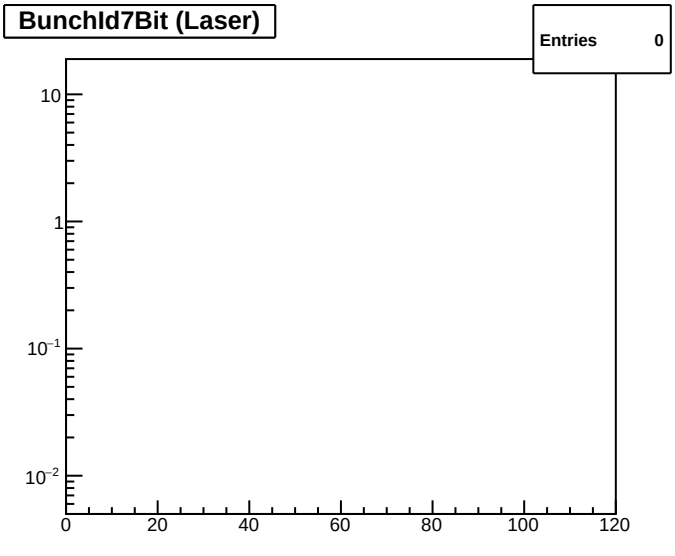
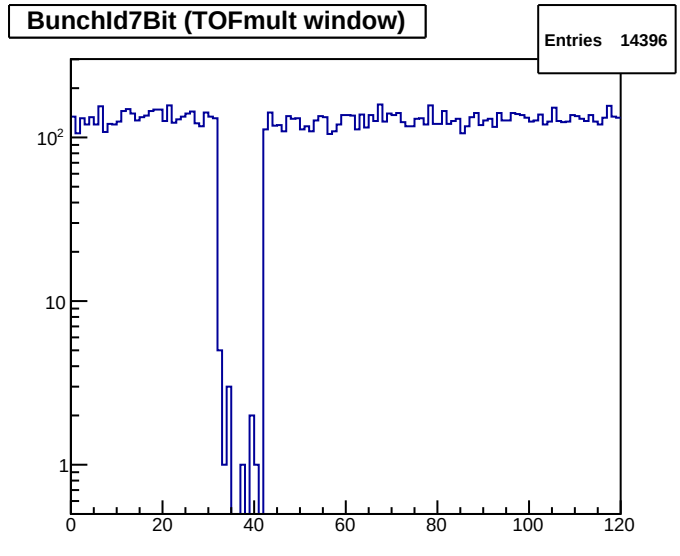

BunchId7Bit (VPD-TAC)
Entries 211628

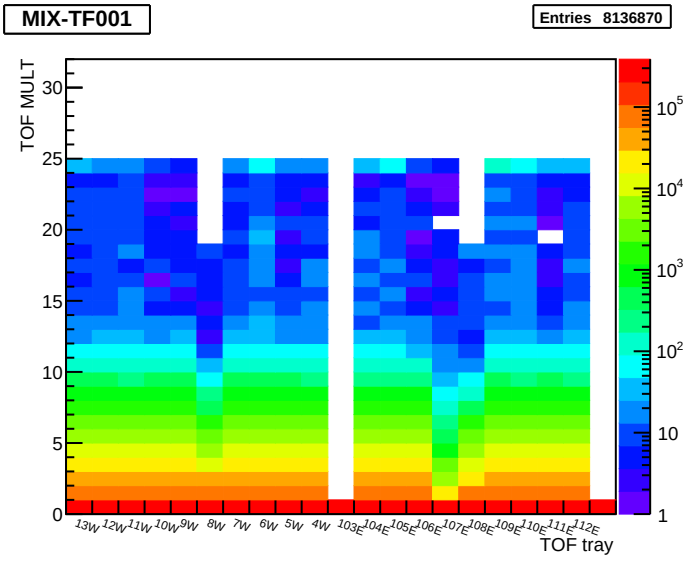

BunchId7Bit (ZDC-TAC)
Entries 997

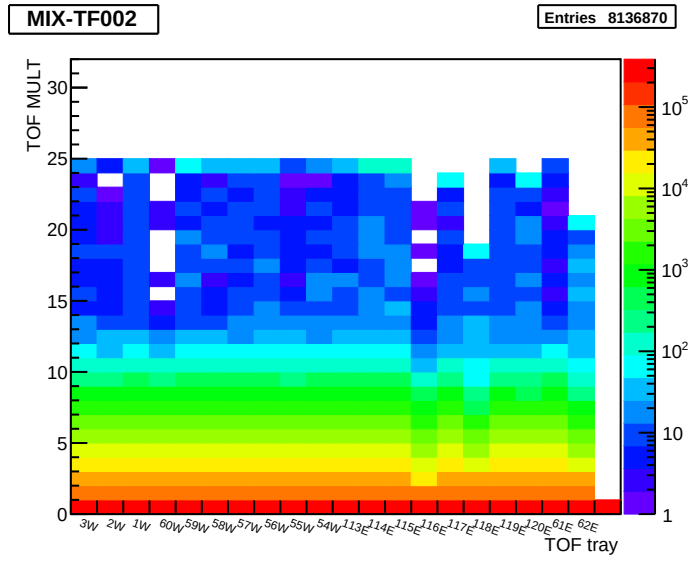

BunchId7Bit (EPD-TAC)
Entries 298482

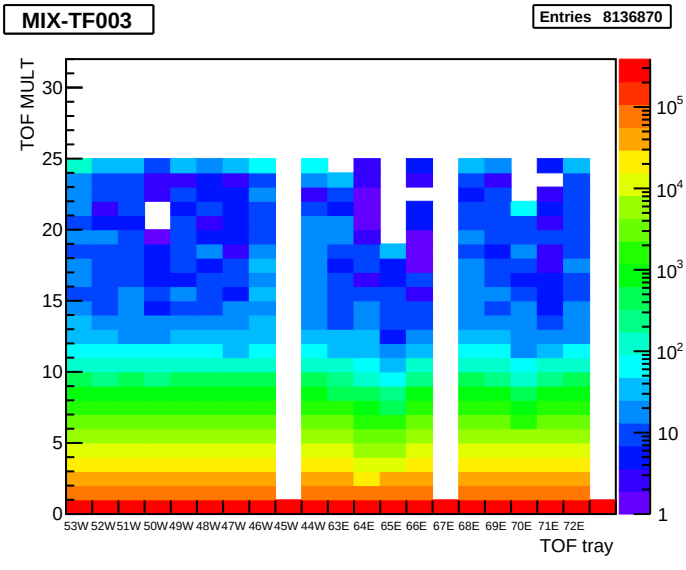

BunchId7Bit (BBC-TAC)
Entries 153372

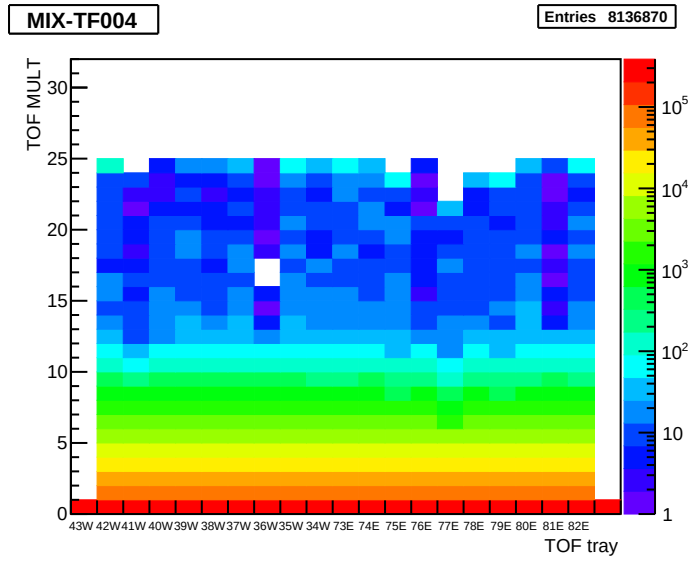

BunchId7Bit (Laser)
Entries 0

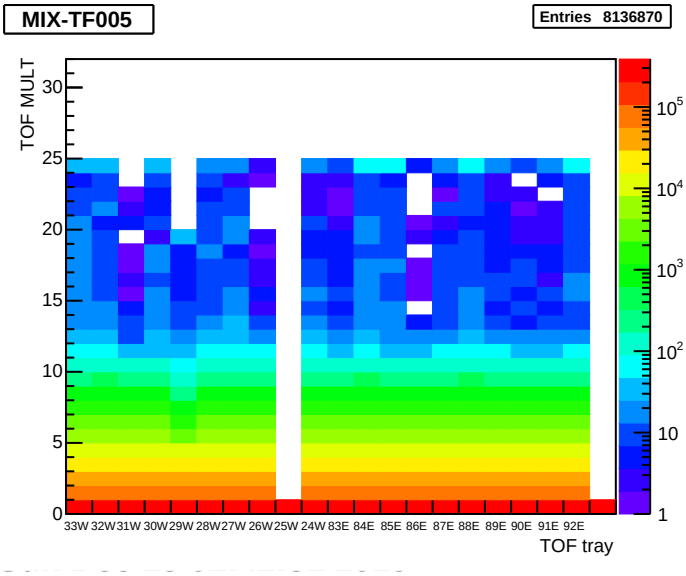

BunchId7Bit (TOFmult window)
Entries 14396

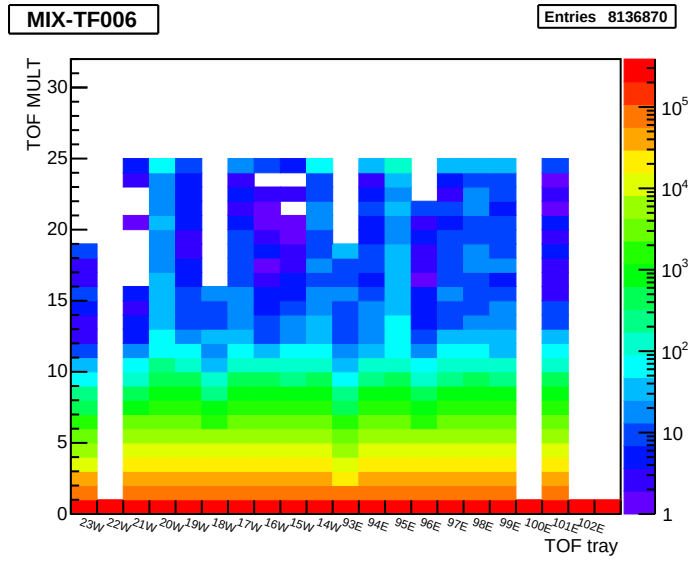

MIX-TF001
Entries 8136870
TOF MULT
TOF tray

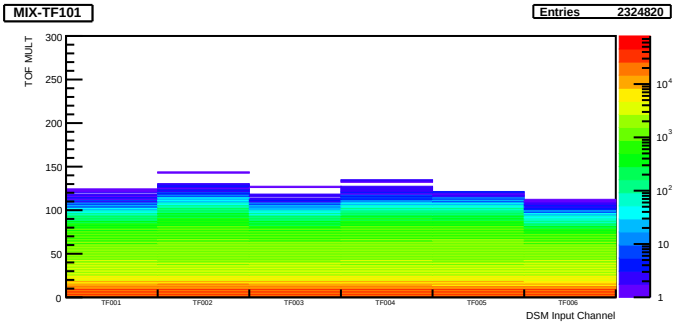

MIX-TF002
Entries 8136870
TOF MULT
TOF tray

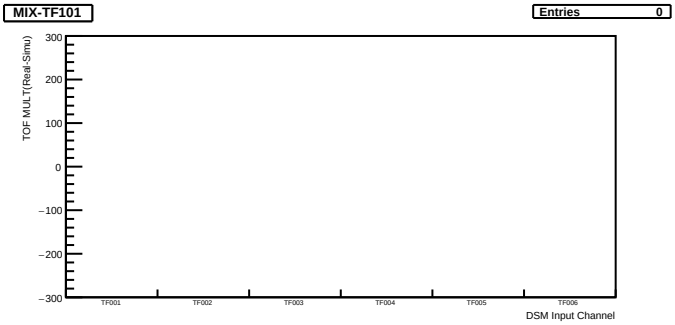

MIX-TF003
Entries 8136870
TOF MULT
TOF tray

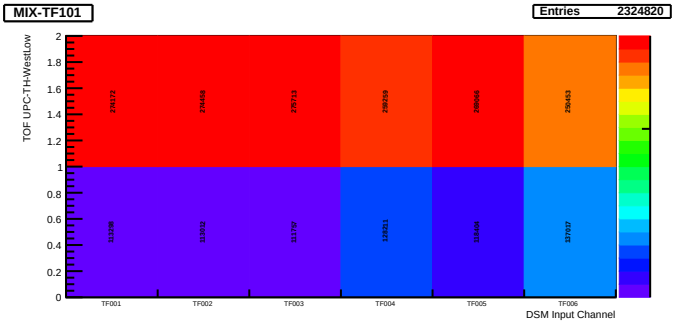

MIX-TF004
Entries 8136870
TOF MULT
TOF tray

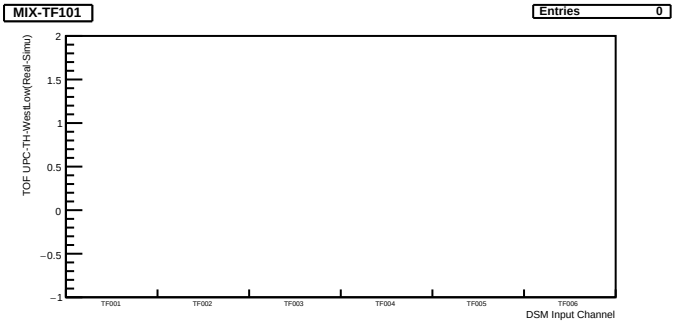

MIX-TF005
Entries 8136870
TOF MULT
TOF tray

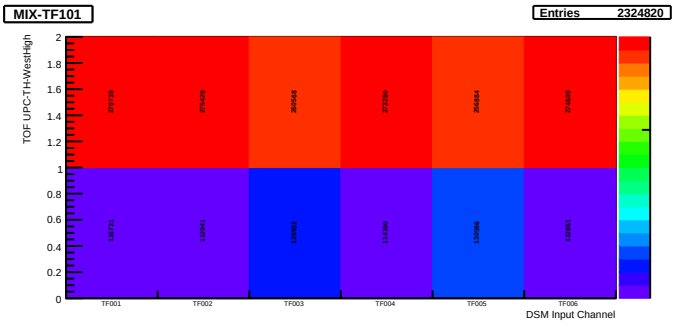

MIX-TF006
Entries 8136870
TOF MULT
TOF tray

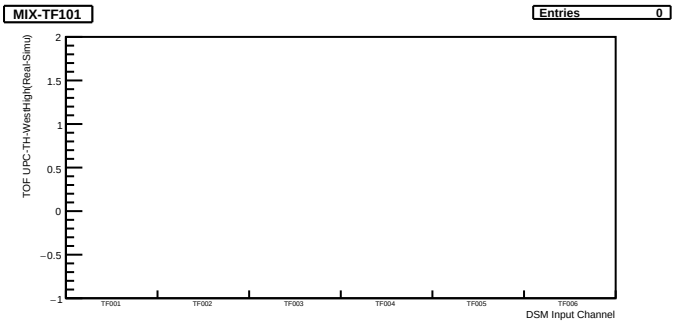

MIX-TF101
Entries 2324820
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

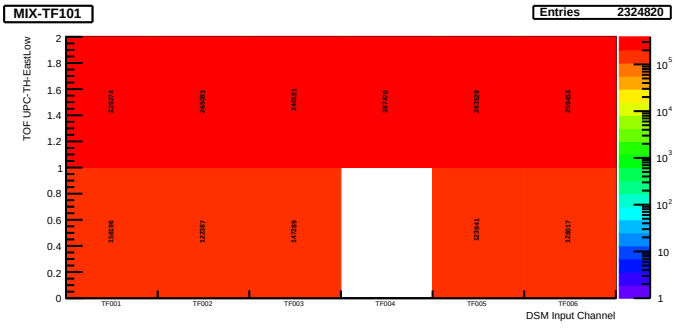

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

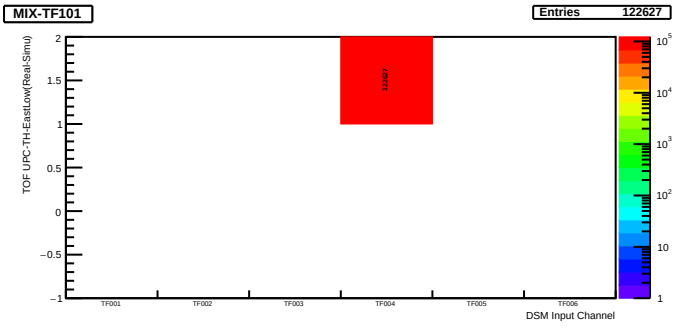

MIX-TF101
Entries 2324820
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

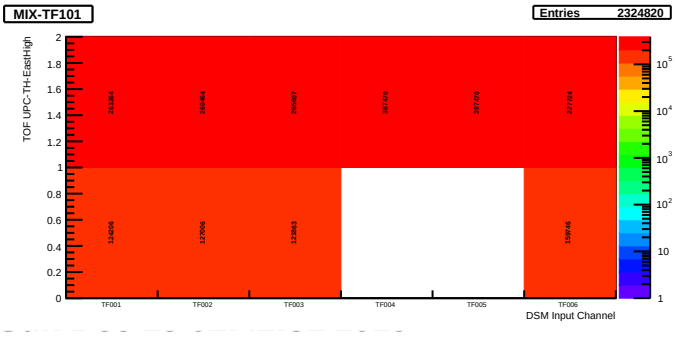

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

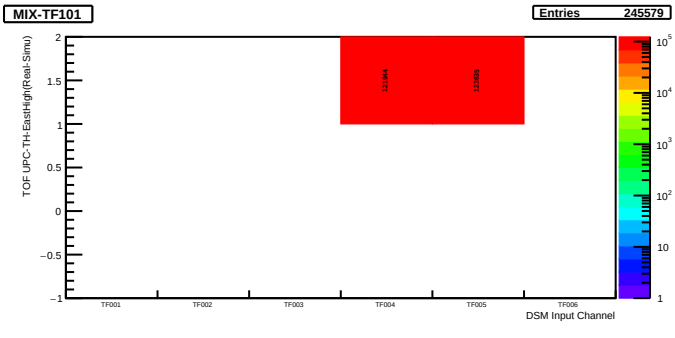

MIX-TF101
Entries 2324820
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

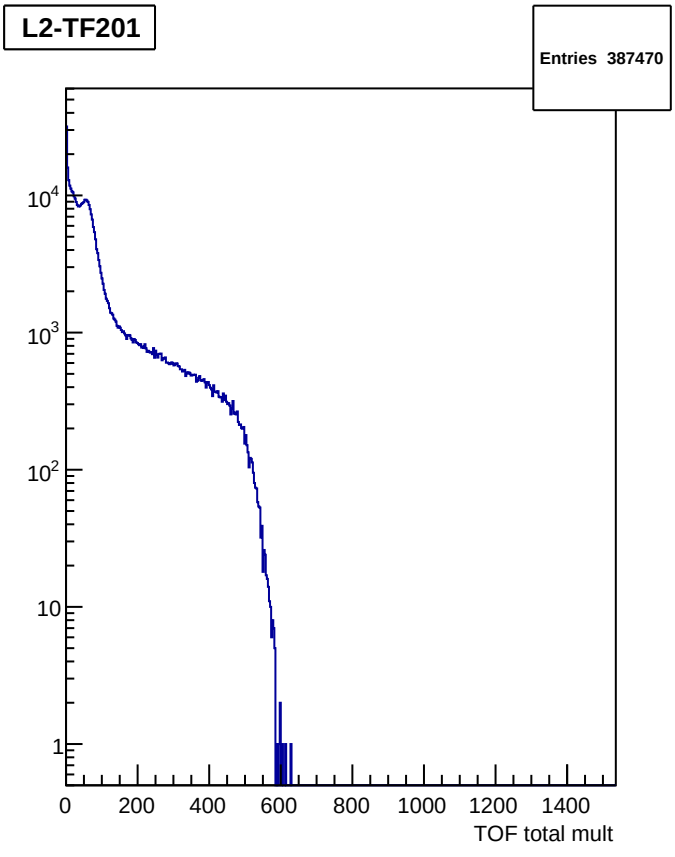

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

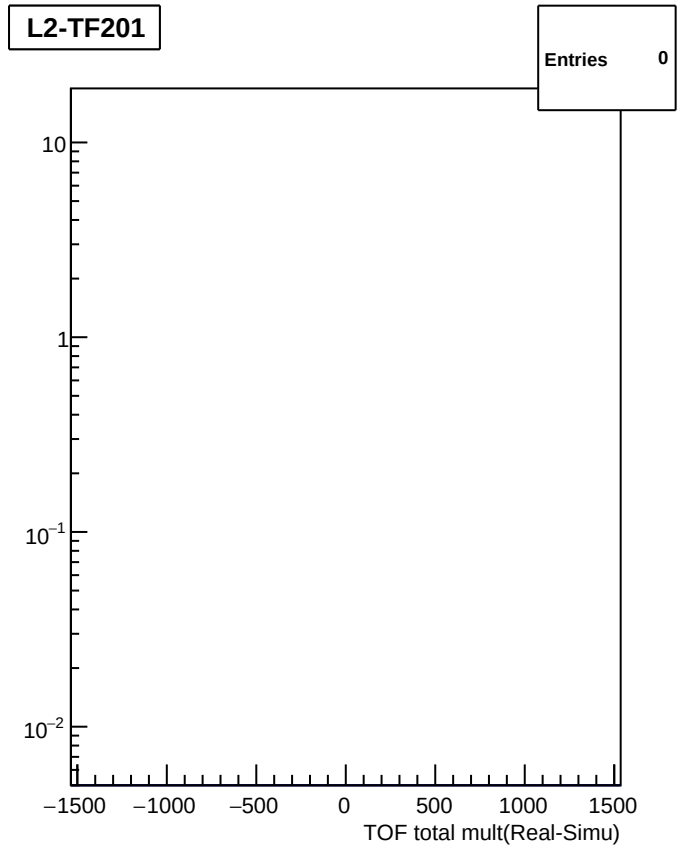

MIX-TF101
Entries 2324820
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

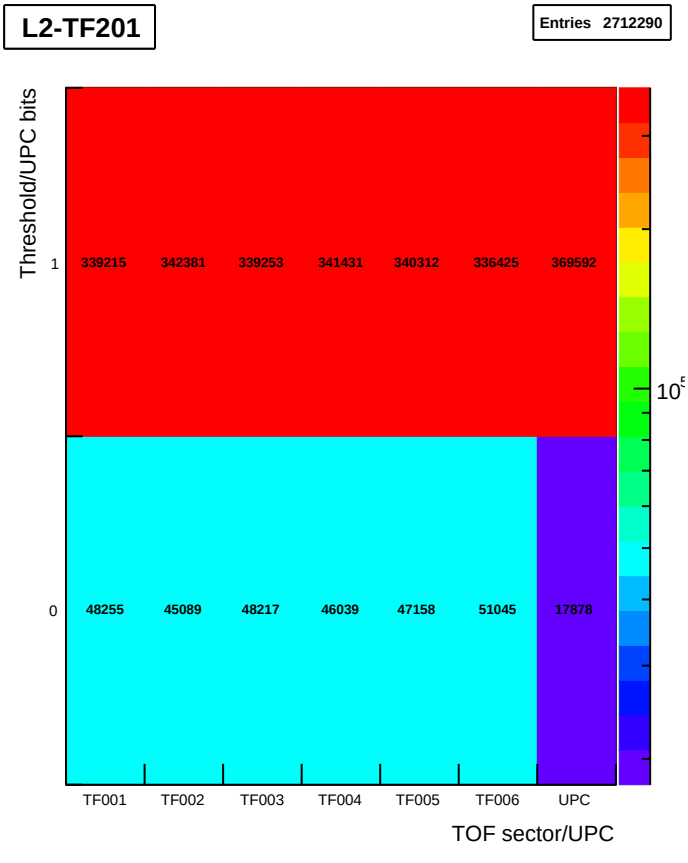

MIX-TF101
Entries 122627
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

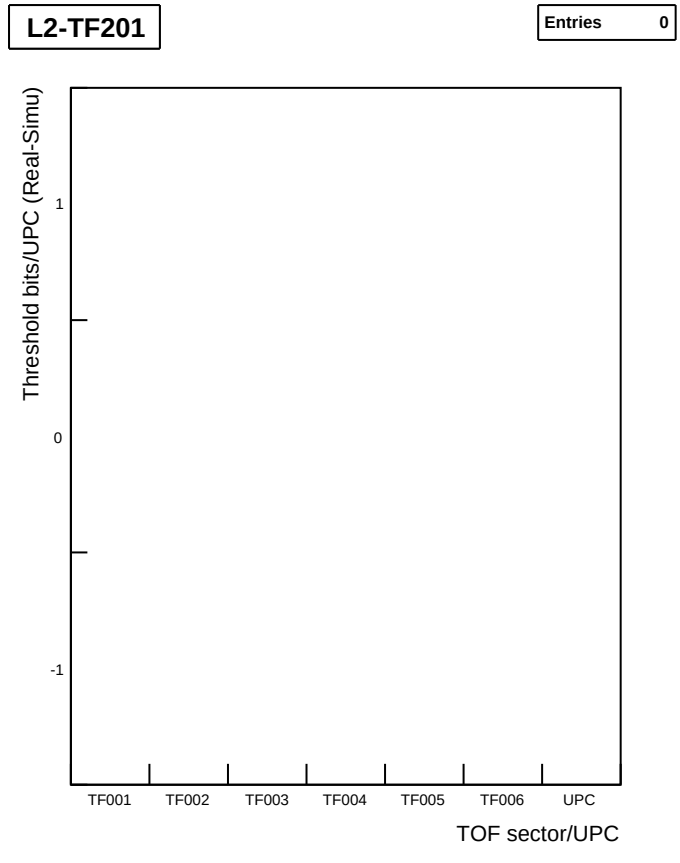

MIX-TF101
Entries 2324820
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

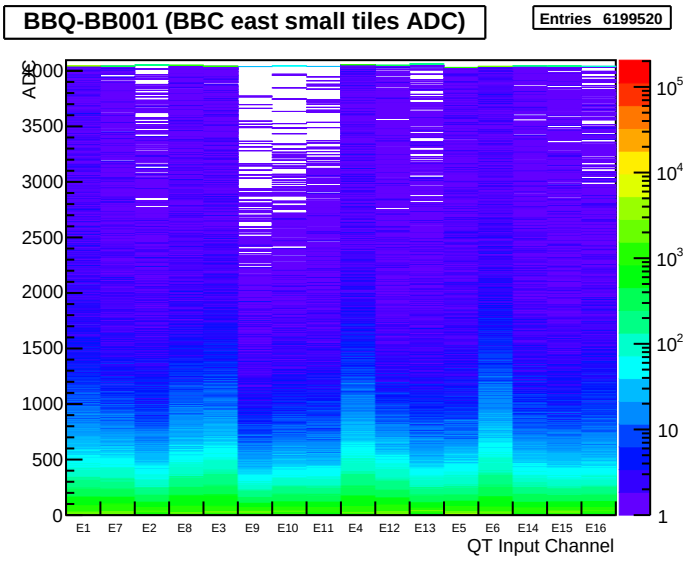

MIX-TF101
Entries 245579
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

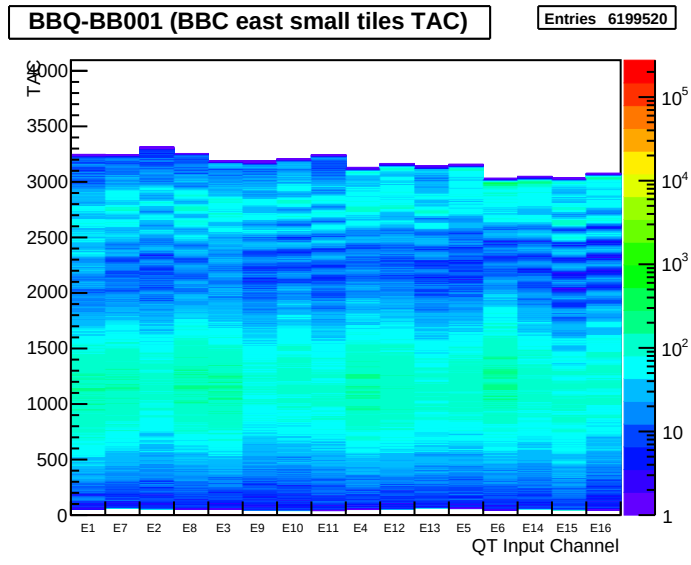

L2-TF201
Entries 387470
TOF total mult

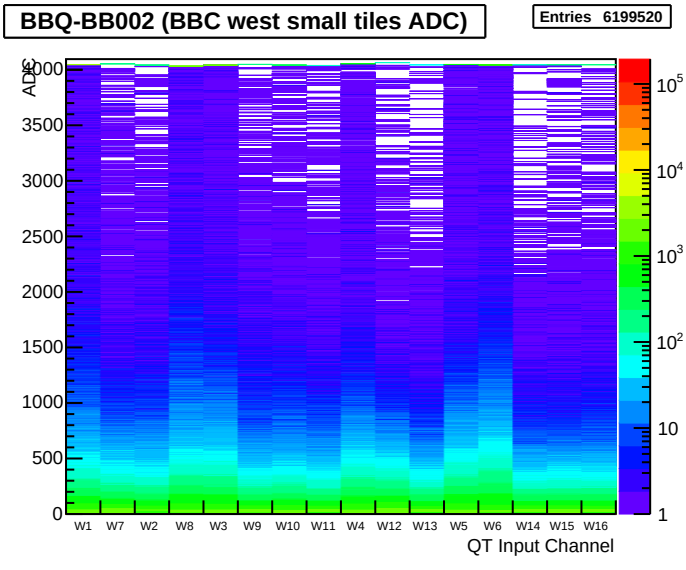

L2-TF201
Entries 0
TOF total mult(Real-Simu)

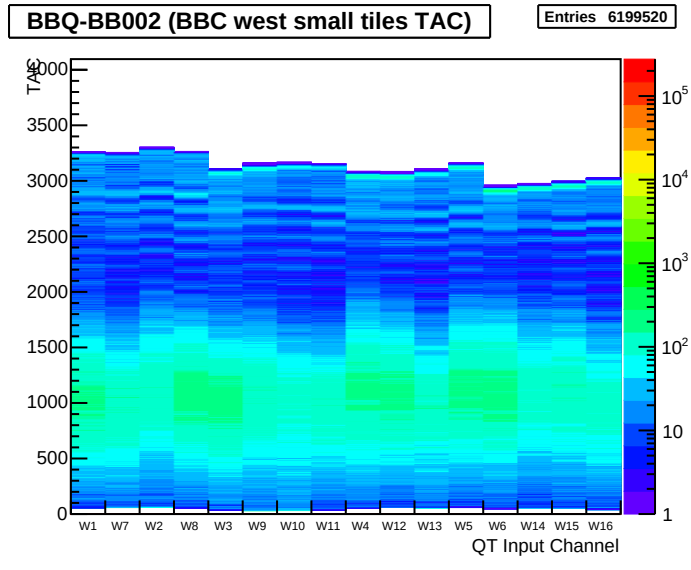

L2-TF201
Entries 2712290
Threshold/UPC bits
339215 342381 339253 341431 340312 336425 369592
48255 45089 48217 46039 47158 51045 17878
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

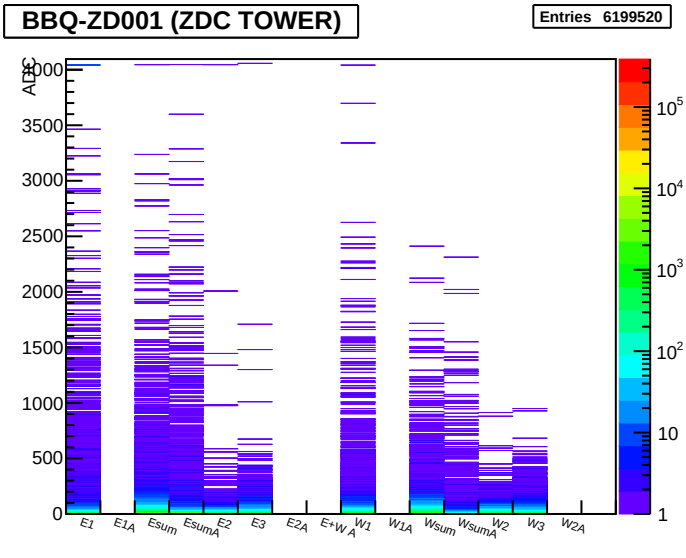

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

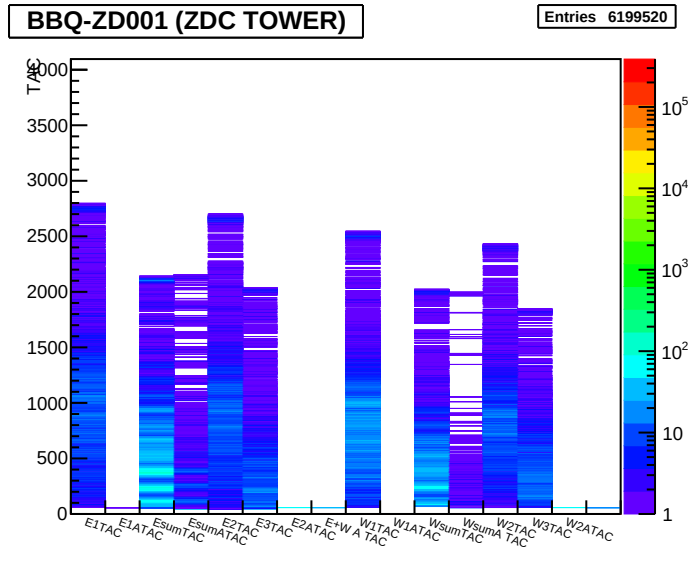

BBQ-BB001 (BBC east small tiles ADC)
Entries 6199520
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

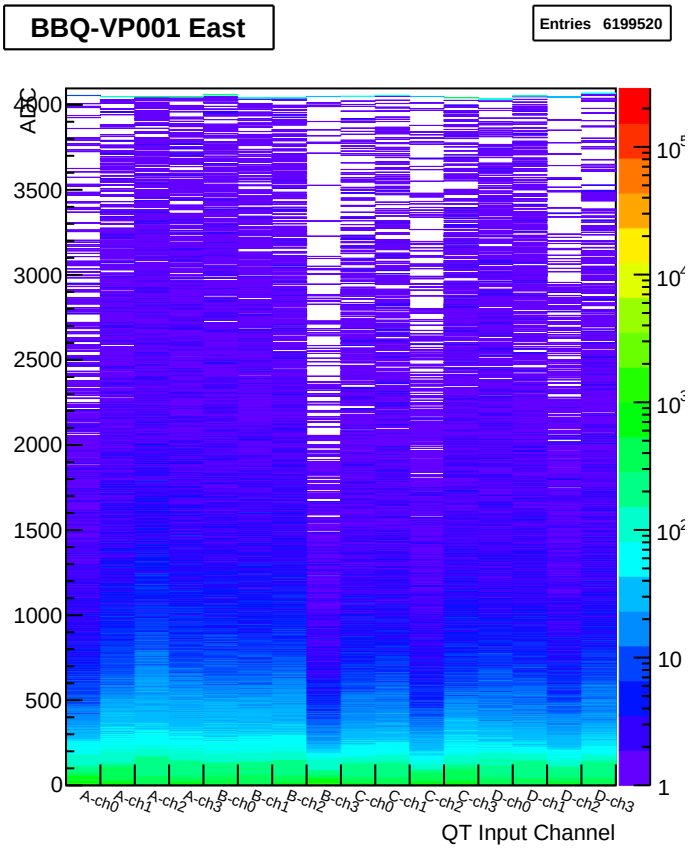

BBQ-BB001 (BBC east small tiles TAC)
Entries 6199520
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

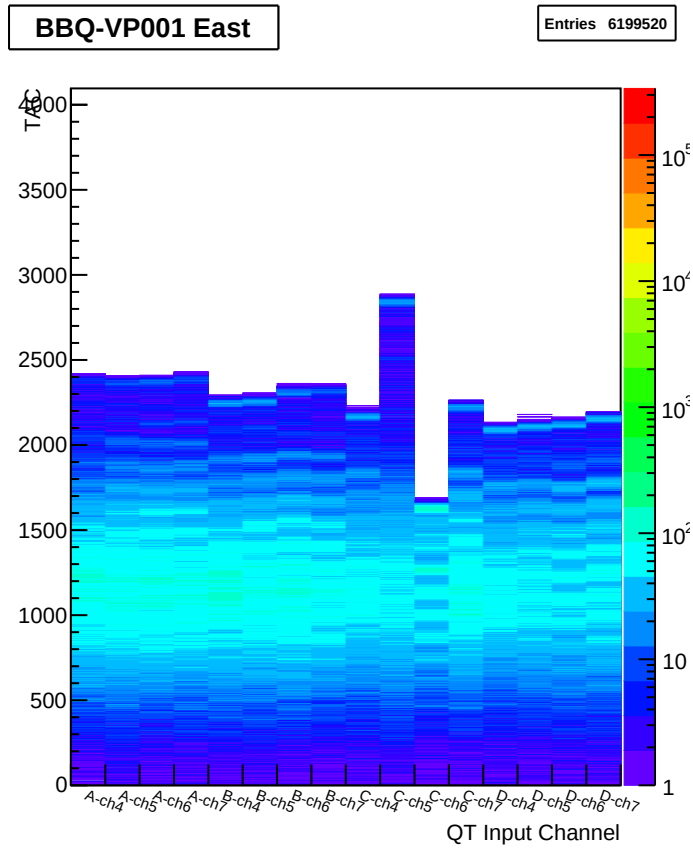

BBQ-BB002 (BBC west small tiles ADC)
Entries 6199520
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

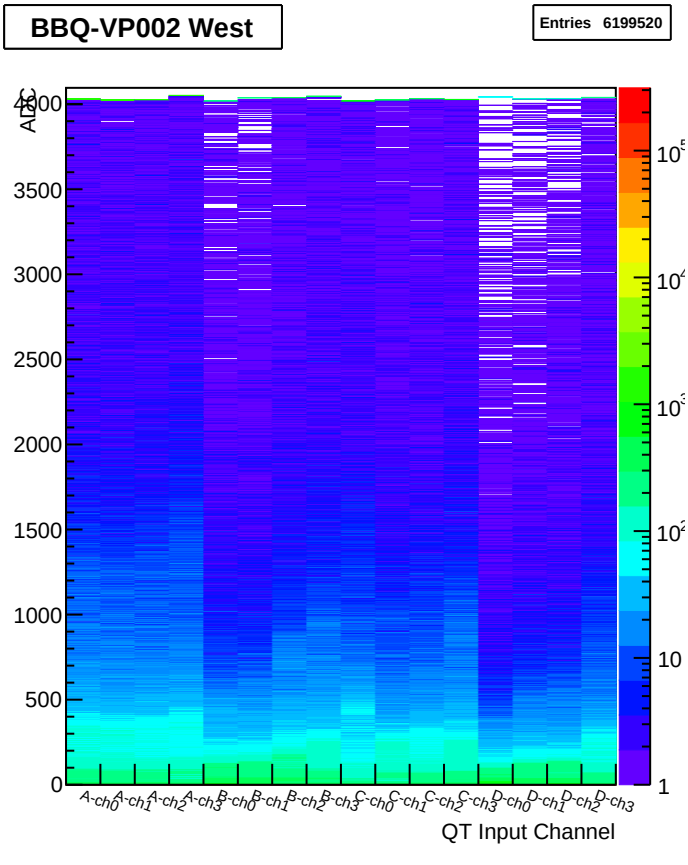

BBQ-BB002 (BBC west small tiles TAC)
Entries 6199520
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

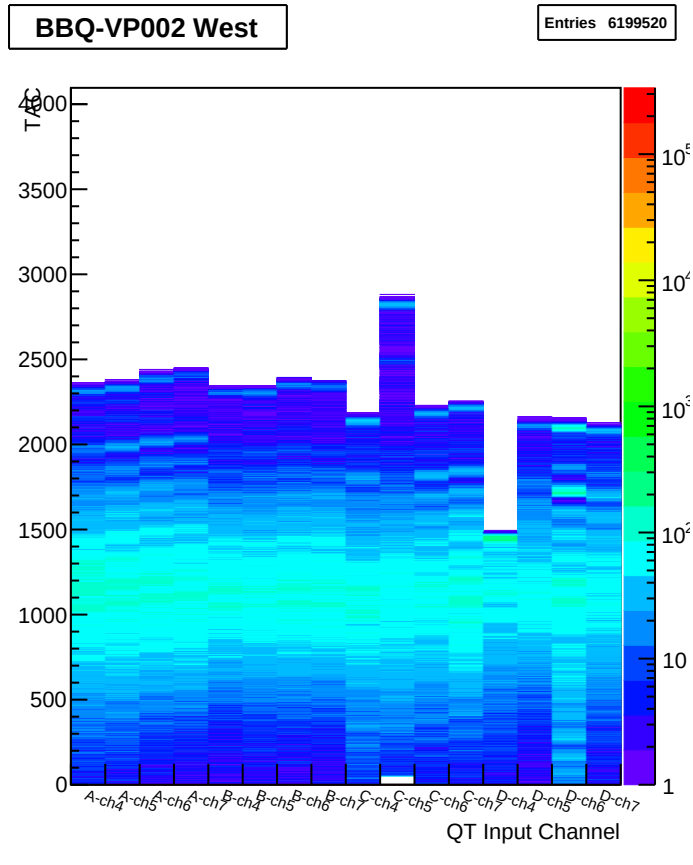

BBQ-ZD001 (ZDC TOWER)
Entries 6199520
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

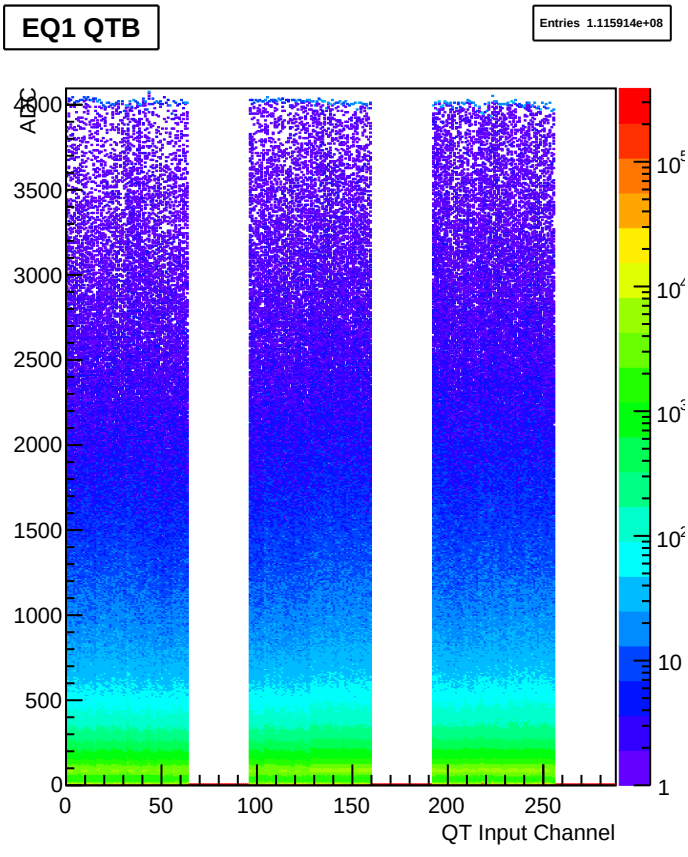

BBQ-ZD001 (ZDC TOWER)
Entries 6199520
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

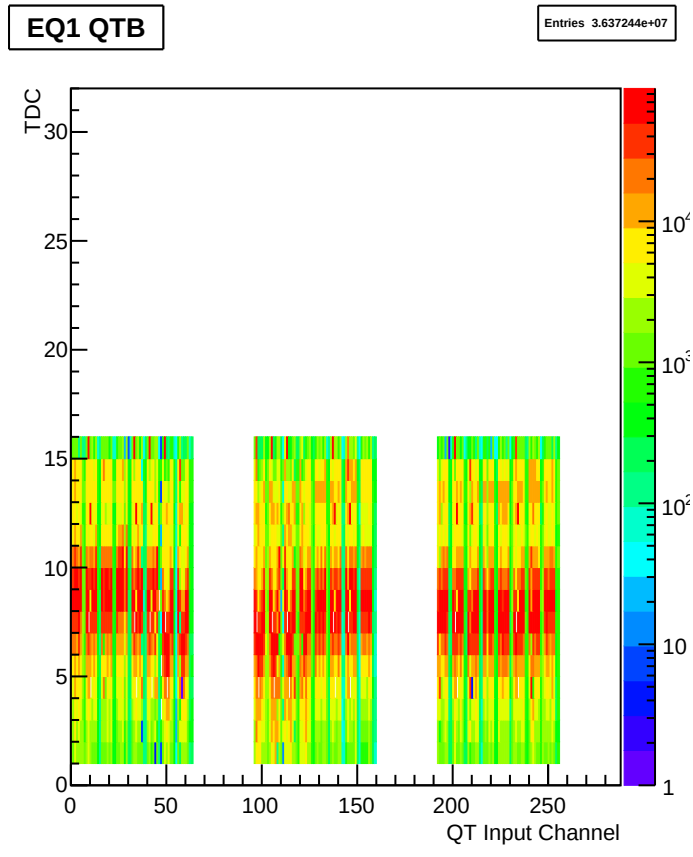

BBQ-VP001 East
Entries 6199520
ADC
QT Input Channel

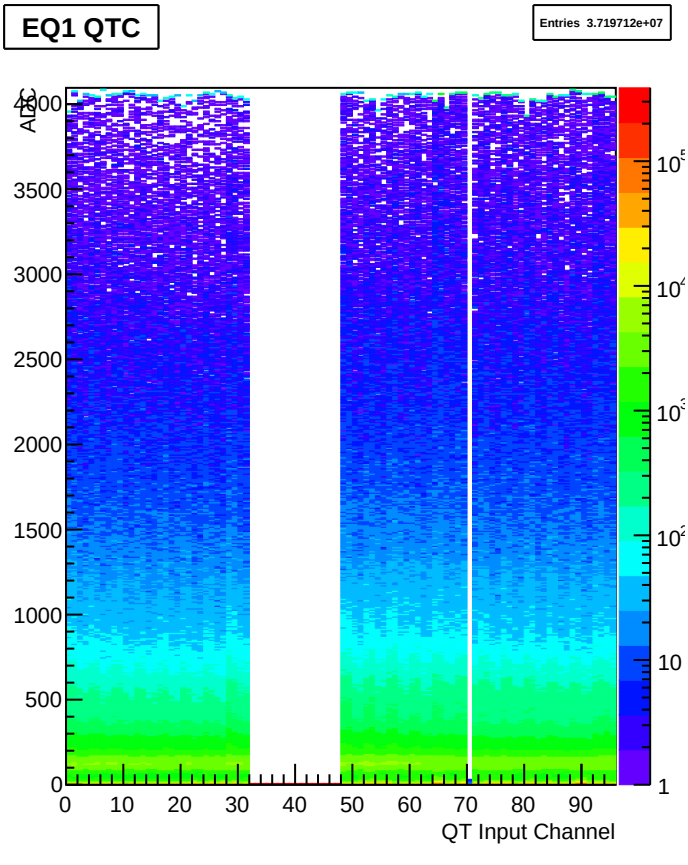

BBQ-VP001 East
Entries 6199520
TADC
QT Input Channel

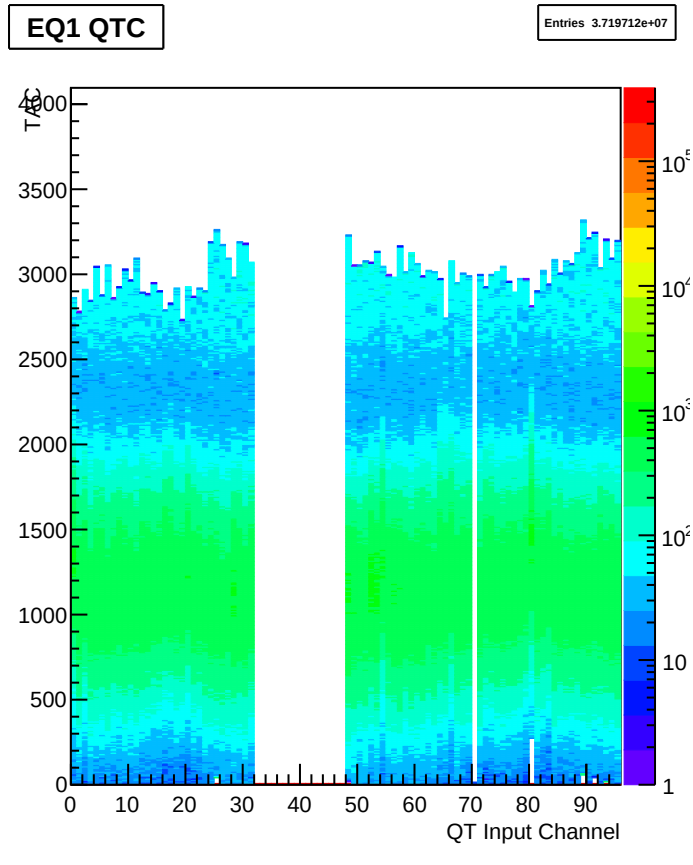

BBQ-VP002 West
Entries 6199520
ADC
QT Input Channel

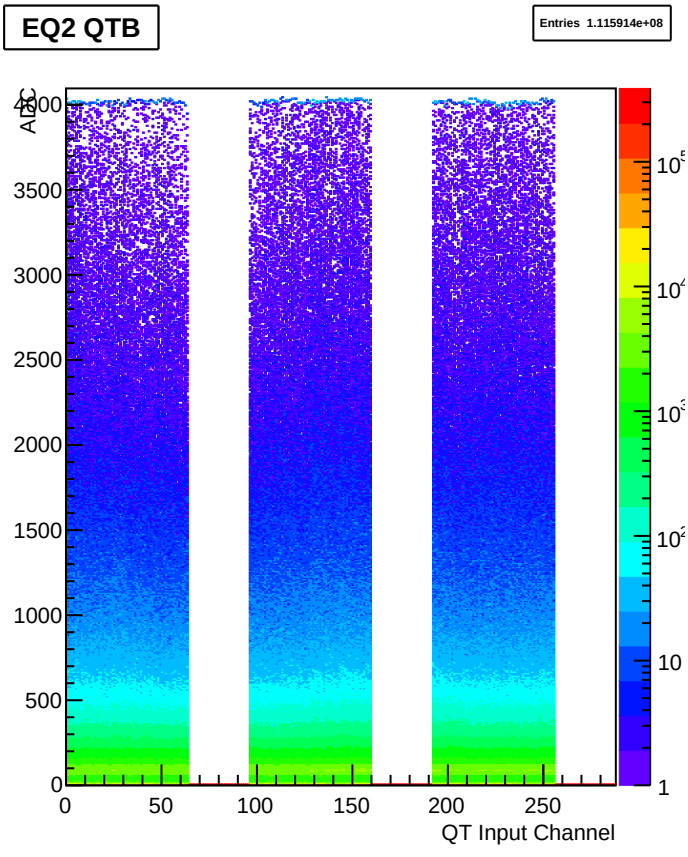

BBQ-VP002 West
Entries 6199520
TADC
QT Input Channel

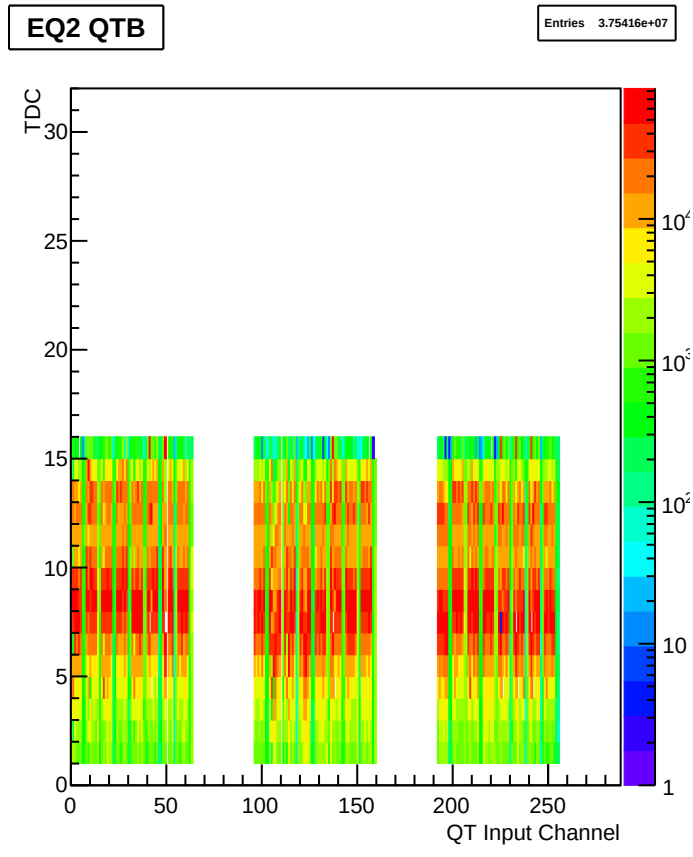

EQ1 QTB
Entries 1.115914e+08
ADC
QT Input Channel

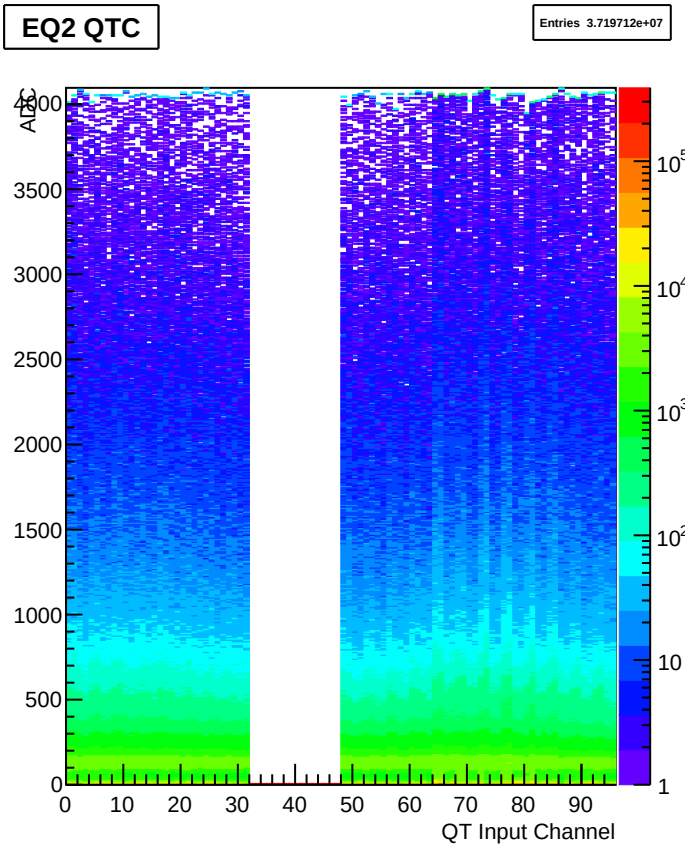

EQ1 QTB
Entries 3.637244e+07
TDC
QT Input Channel

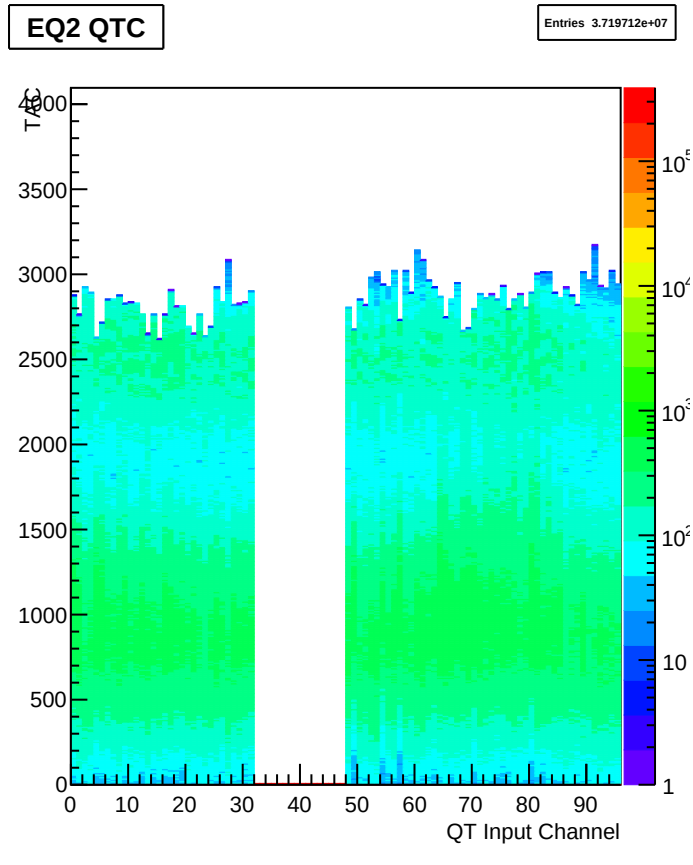

EQ1 QTC
Entries 3.719712e+07
ADC
QT Input Channel

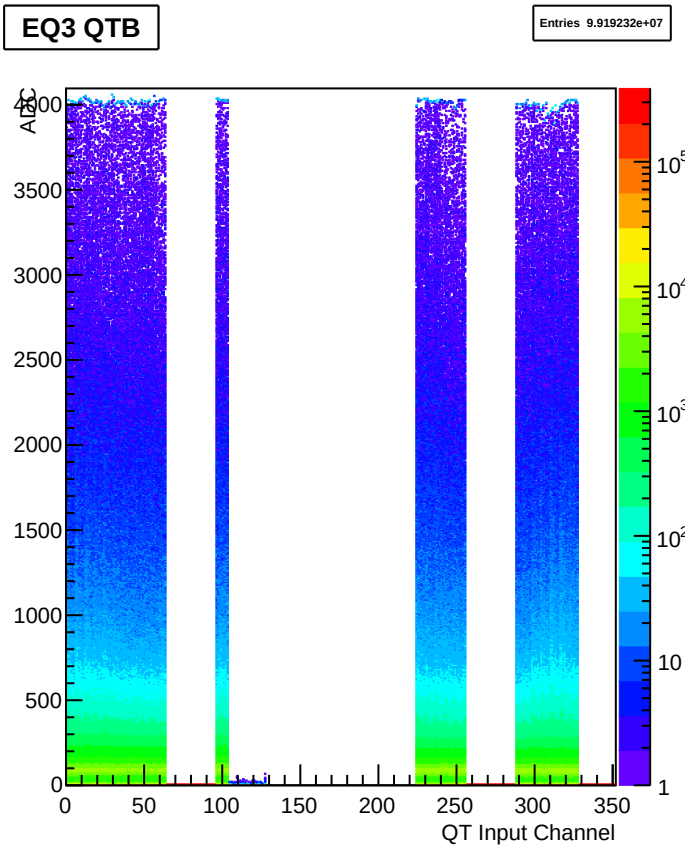

EQ1 QTC
Entries 3.719712e+07
TADC
QT Input Channel

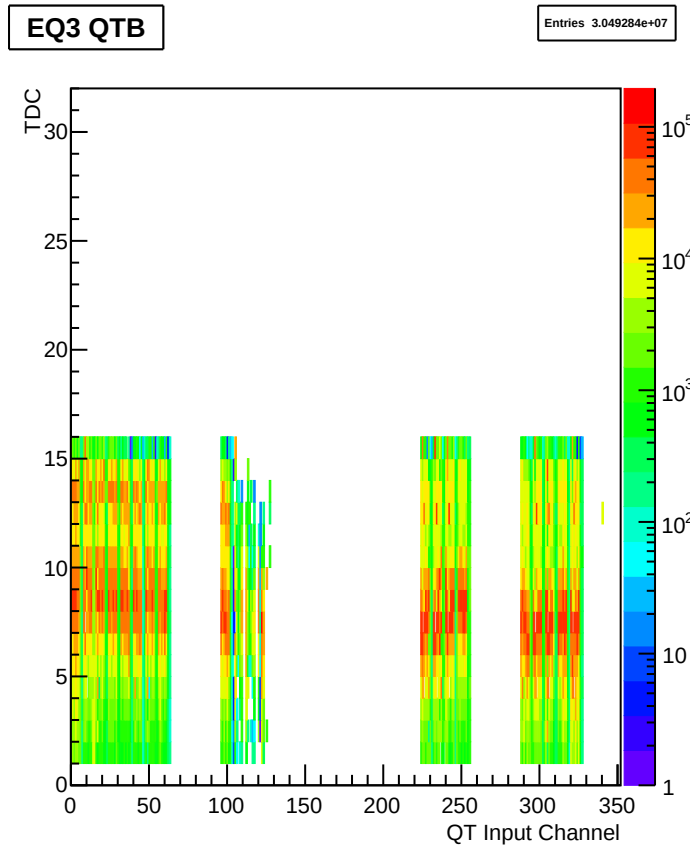

EQ2 QTB
Entries 1.115914e+08
ADC
QT Input Channel

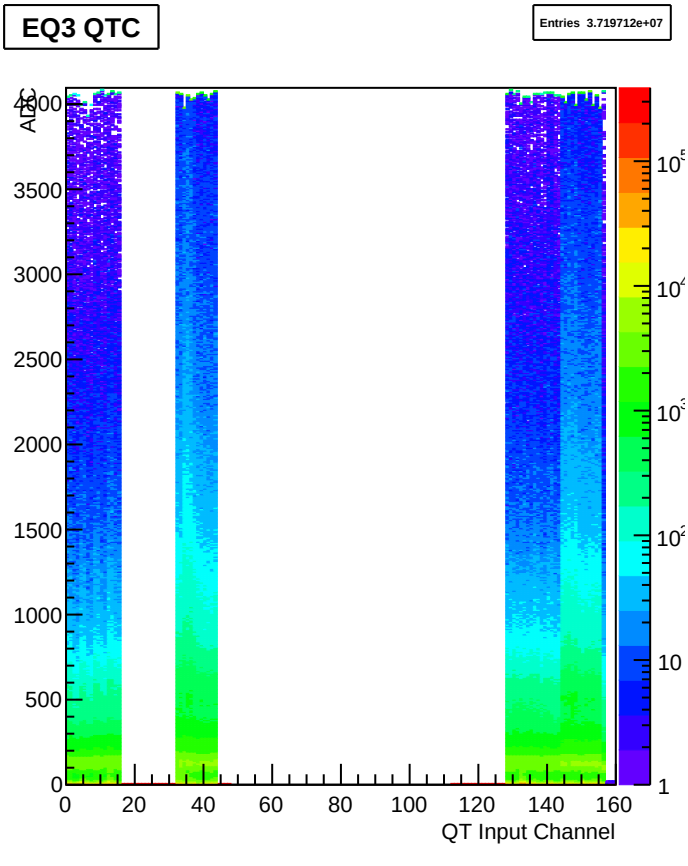

EQ2 QTB
Entries 3.75416e+07
TDC
QT Input Channel

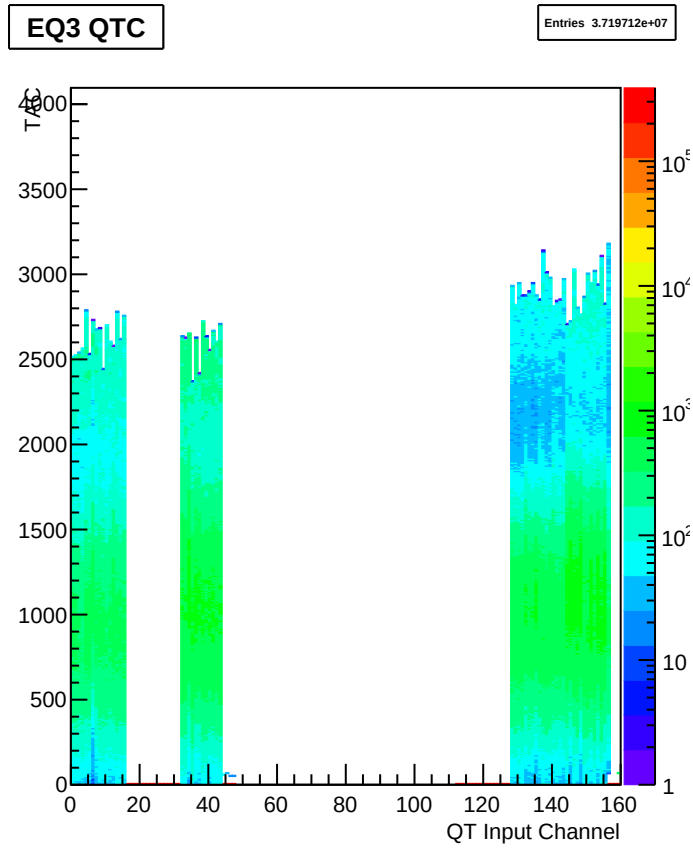

EQ2 QTC
Entries 3.719712e+07
ADC
QT Input Channel

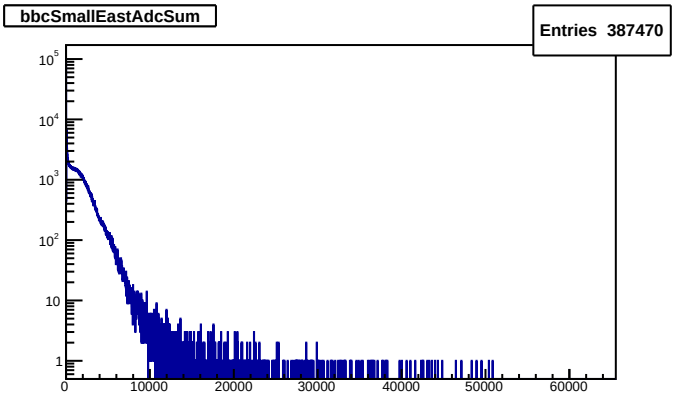

EQ2 QTC
Entries 3.719712e+07
TADC
QT Input Channel

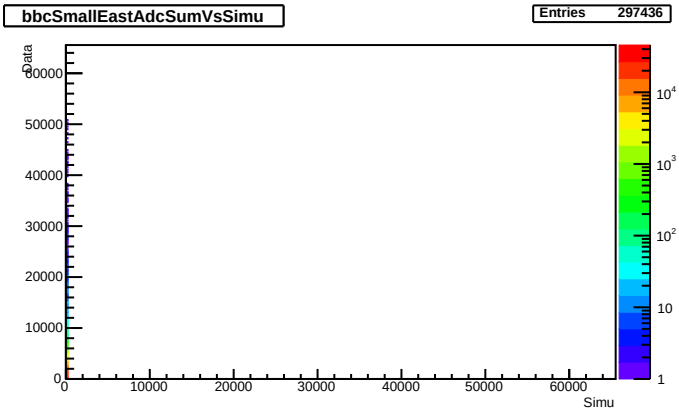

EQ3 QTB
Entries 9.919232e+07
ADC
QT Input Channel

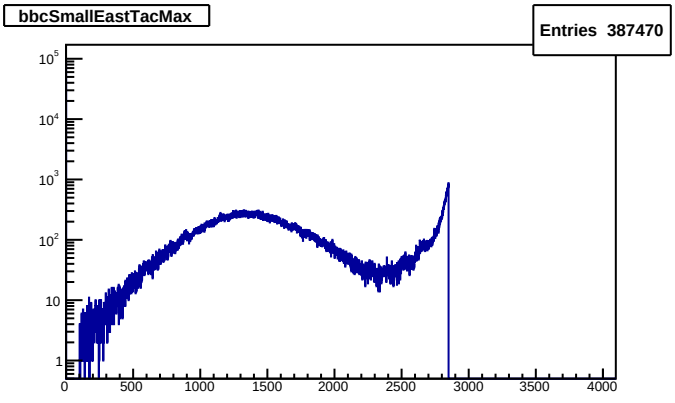

EQ3 QTB
Entries 3.049284e+07
TDC
QT Input Channel

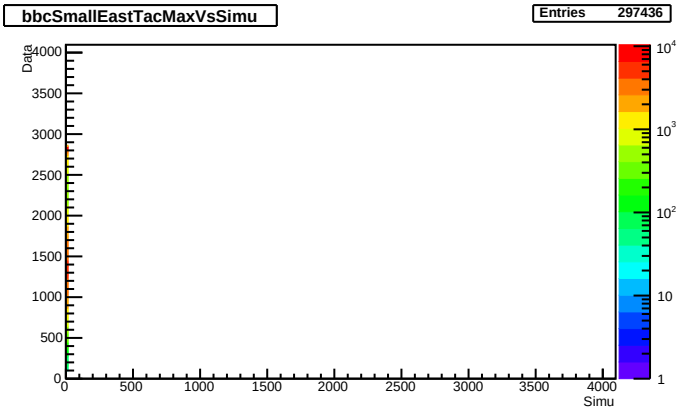

EQ3 QTC
Entries 3.719712e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.719712e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 387470


bbcSmallEastAdcSumVsSimu
Entries 297436
Data
Simu


bbcSmallEastTacMax
Entries 387470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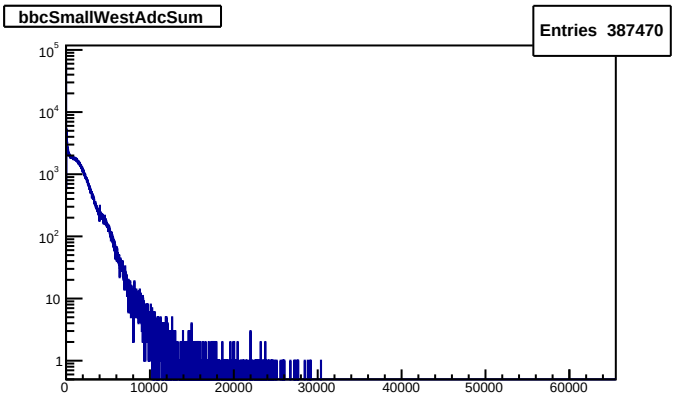
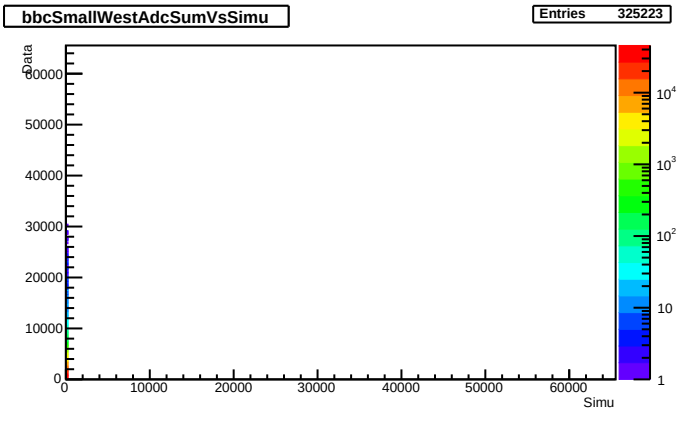
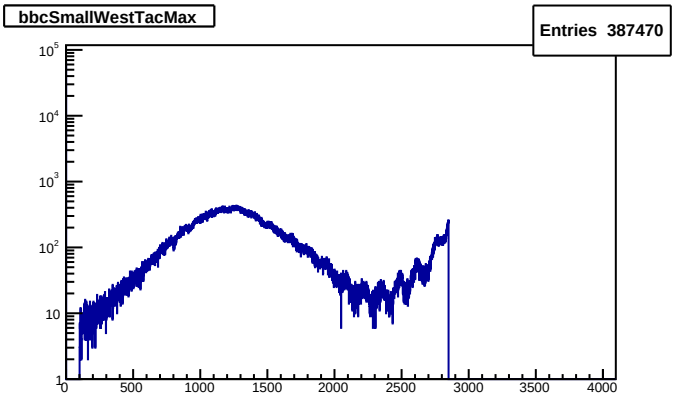
Entries 297436
Data
Simu


bbcSmallWestAdcSum
Entries 387470


bbcSmallWestAdcSumVsSimu
Entries 325223
Data
Simu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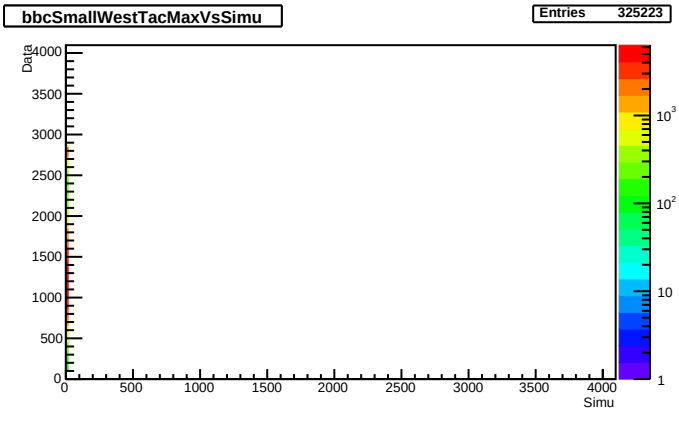
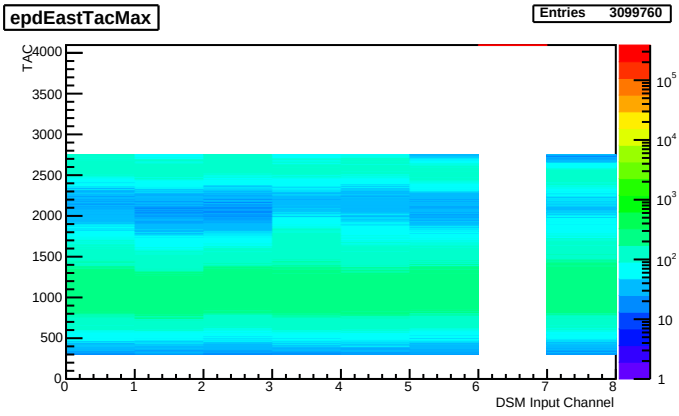
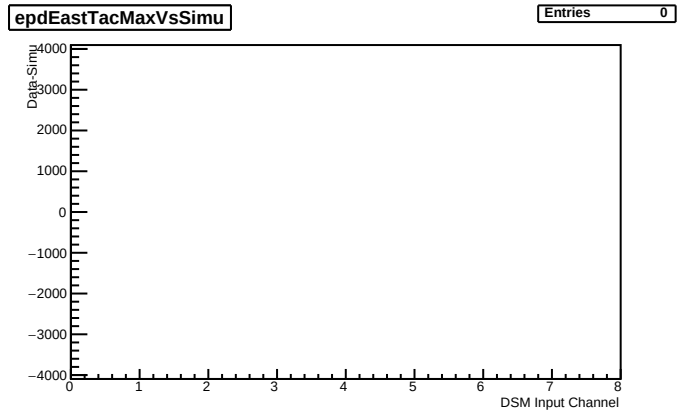
Entries 387470


bbcSmallWestTacMaxVsSimu
Entries 325223
Data
Simu


epdEastTacMax
Entries 3099760
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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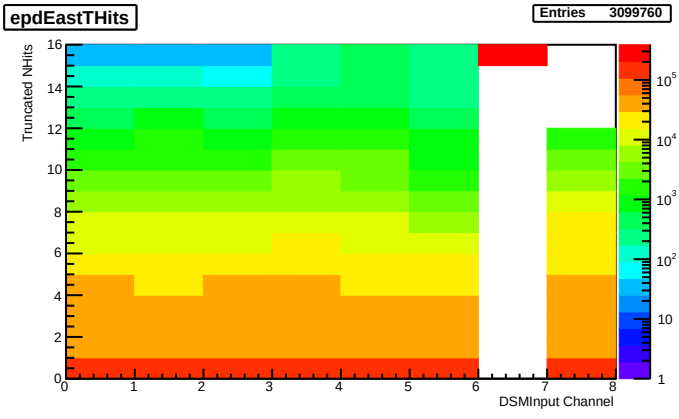
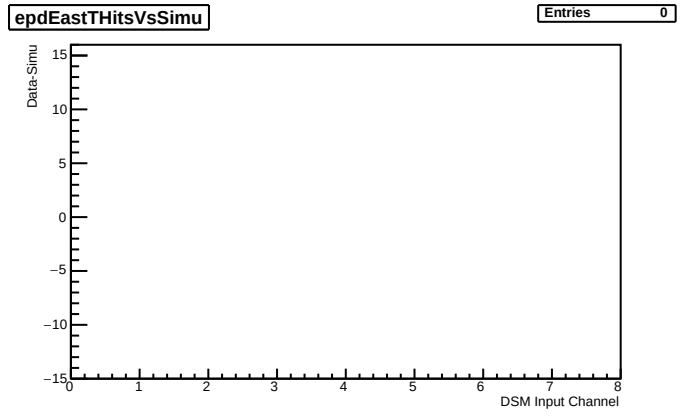

epdEastTHits
Entries 3099760
Truncated NHits
DSMInput Channel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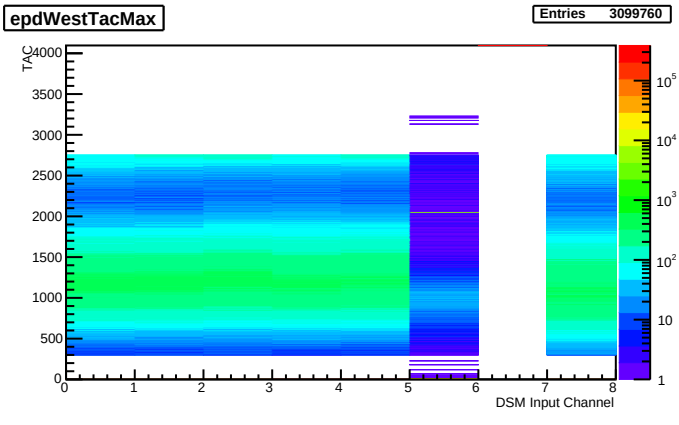
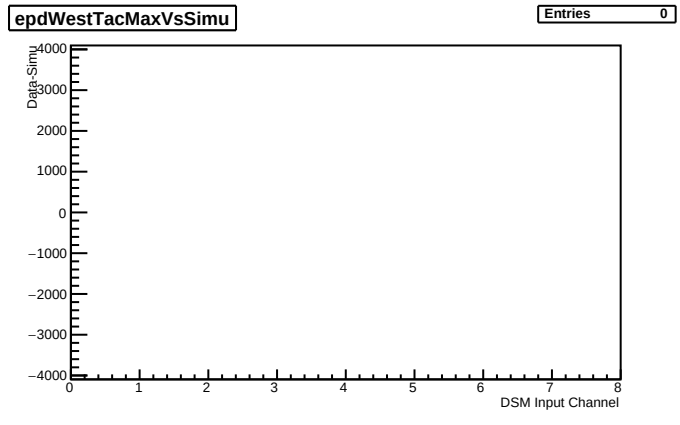
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3099760
TAC
DSM Input Channel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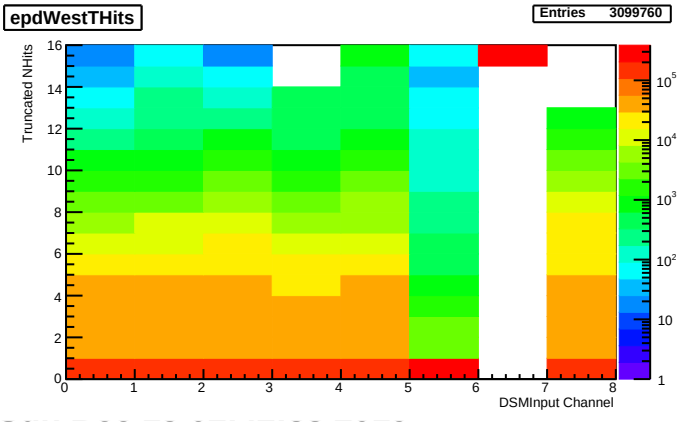
Entries 0
Data-Simu
DSM Input Channel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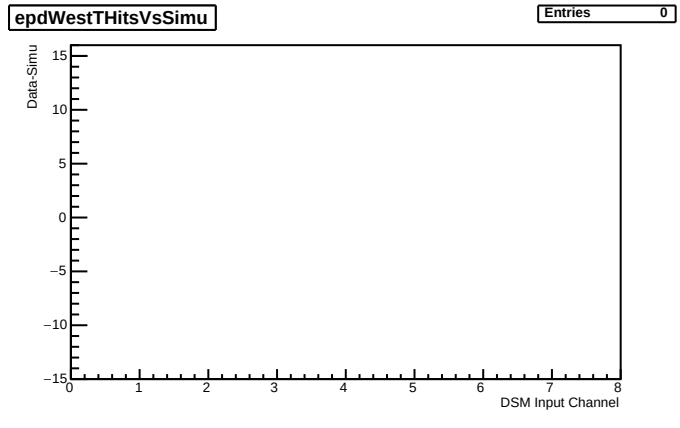
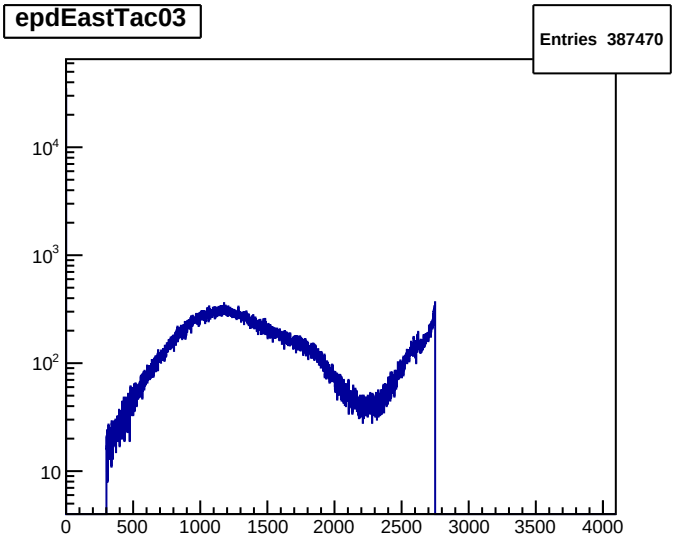
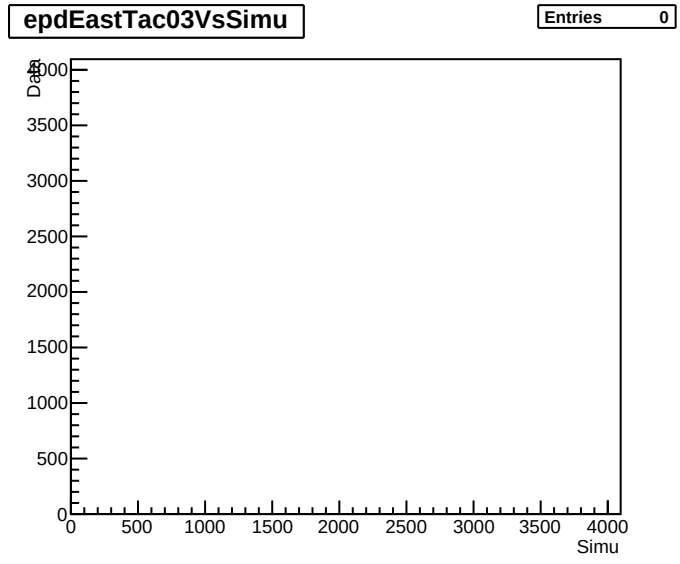
Entries 3099760
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 387470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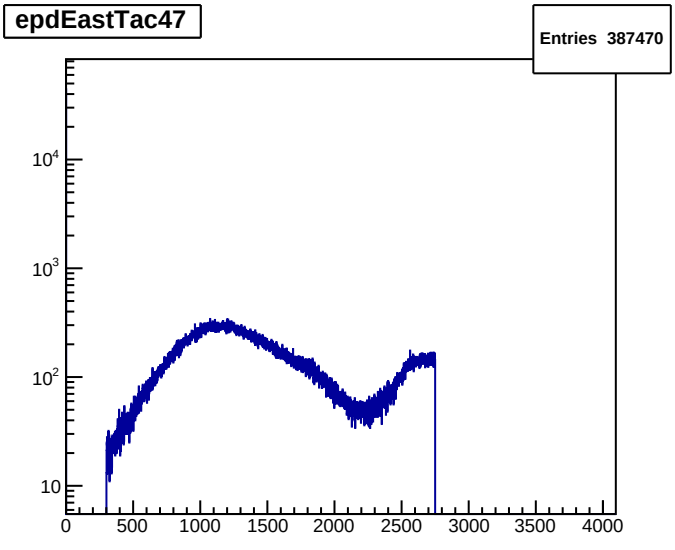
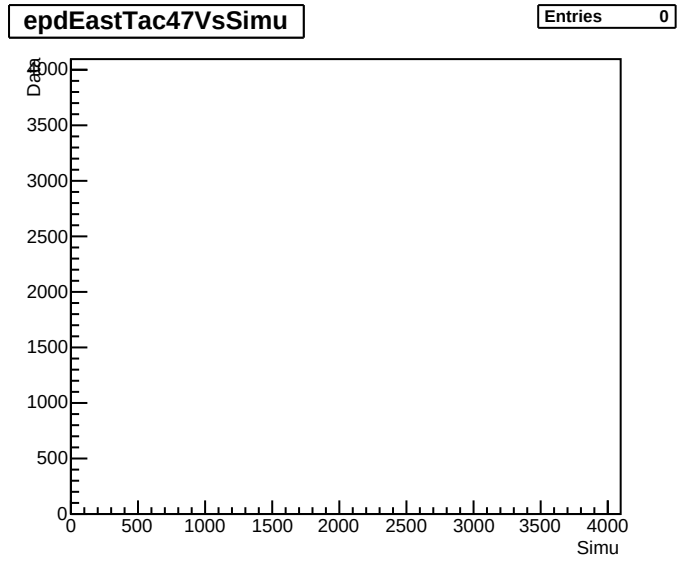
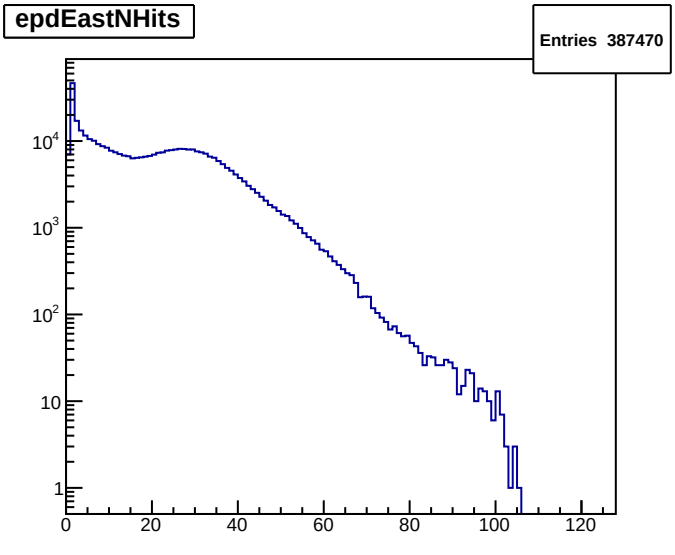
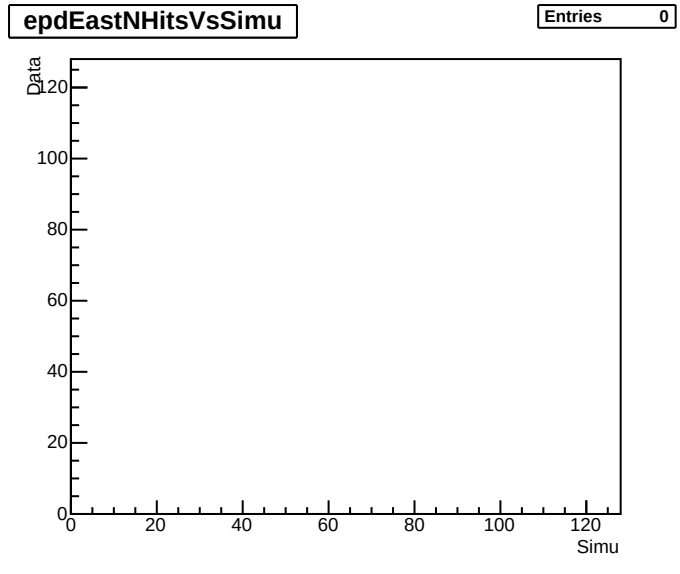
Entries 0
Data
Simu


epdEastTac47
Entries 387470


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 387470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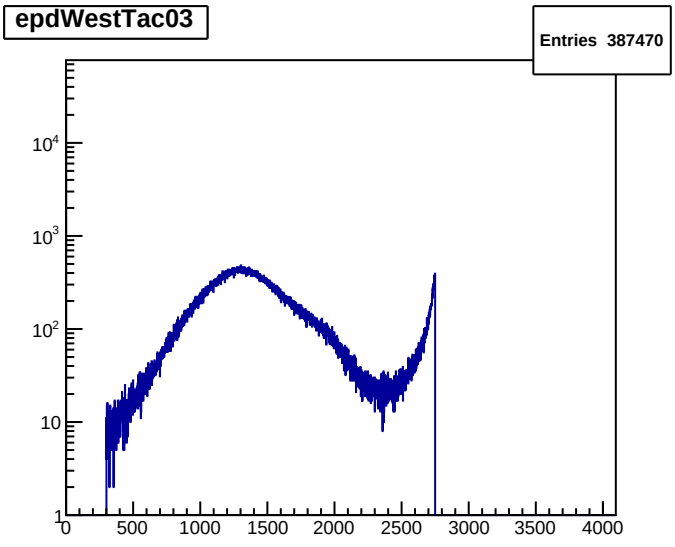
Entries 0
Data
Simu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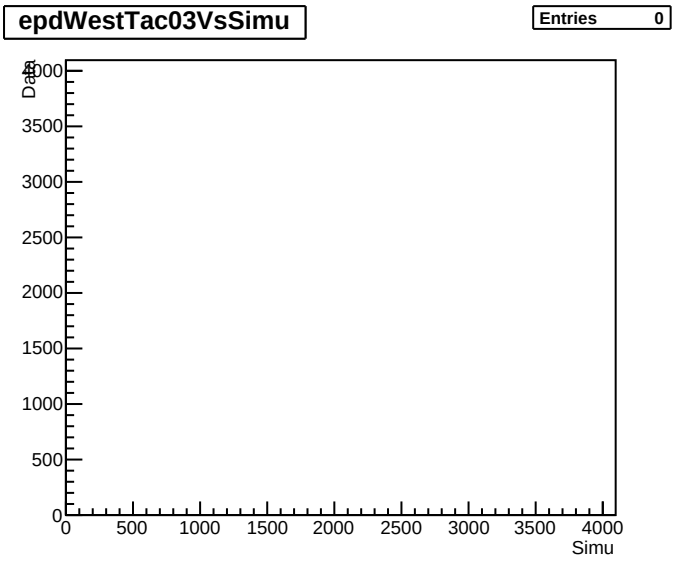
Entries 387470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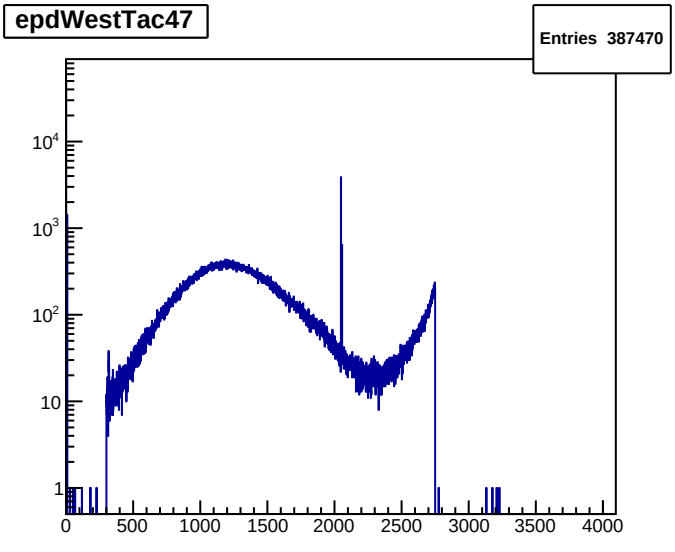
Entries 0
Data
Simu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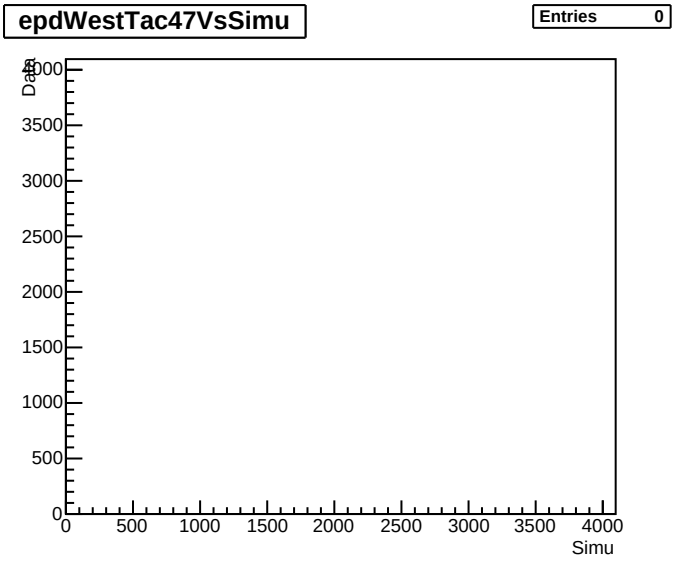
Entries 387470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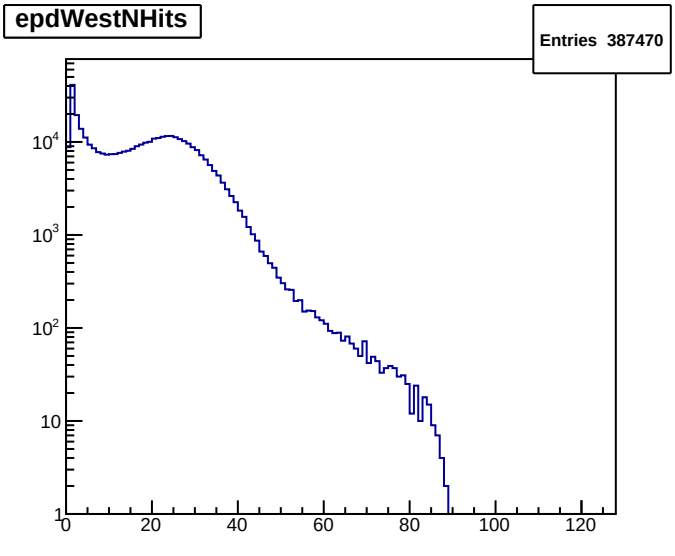
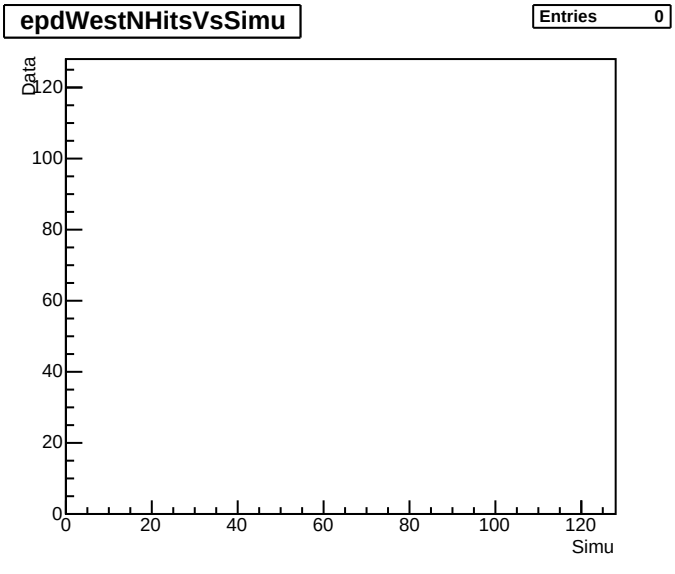
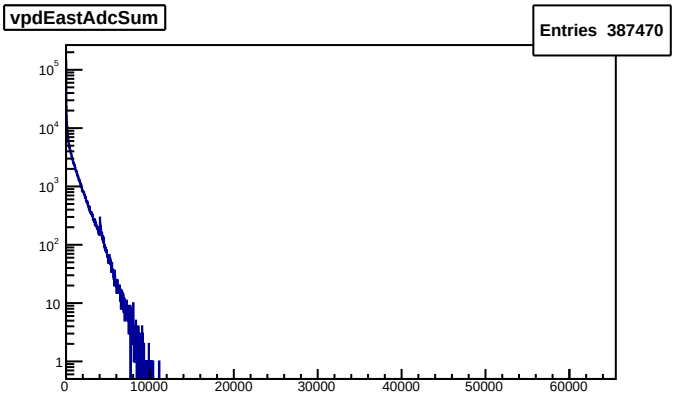
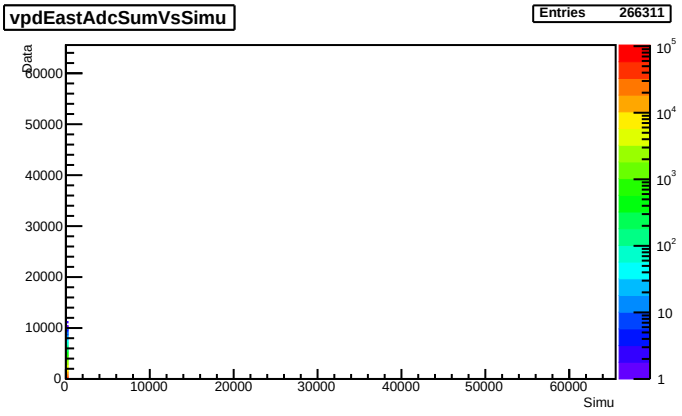
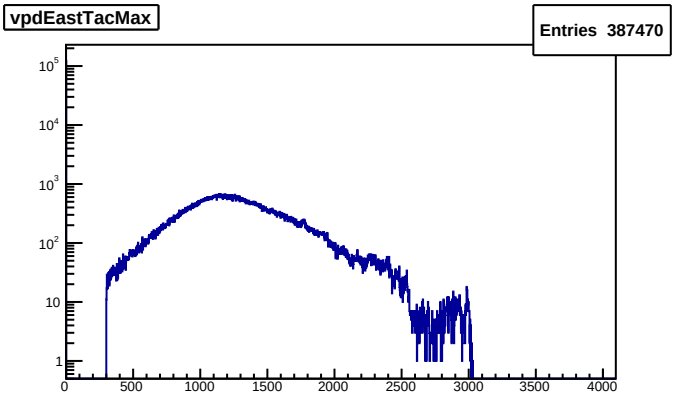
Entries 0
Data
Simu

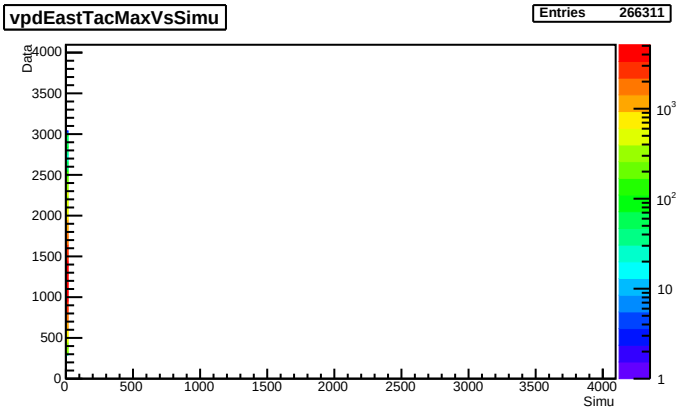

epdWestNHits
Entries 387470

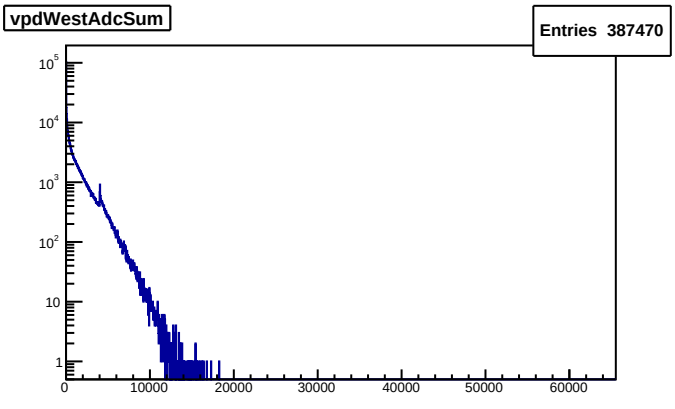

epdWestNHitsVsSimu
Entries 0
Data
Simu

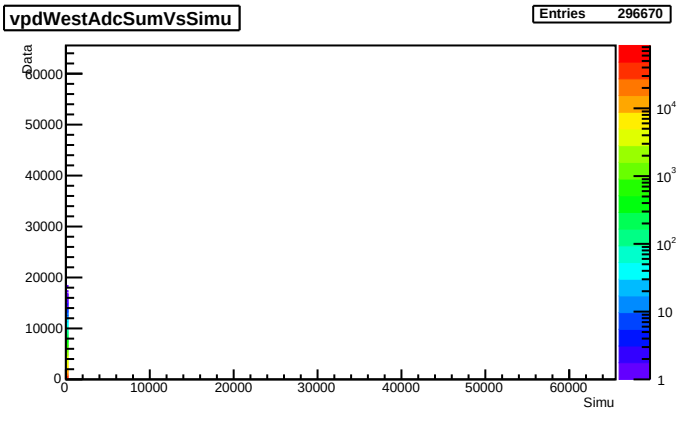

vpdEastAdcSum
Entries 387470

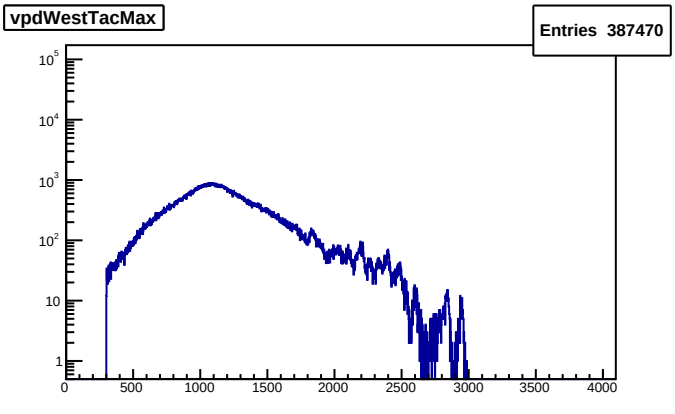

vpdEastAdcSumVsSimu
Entries 266311
Data
Simu

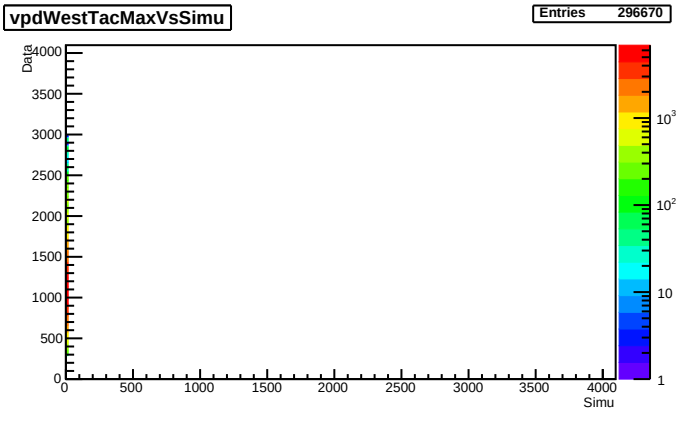

vpdEastTacMax
Entries 387470

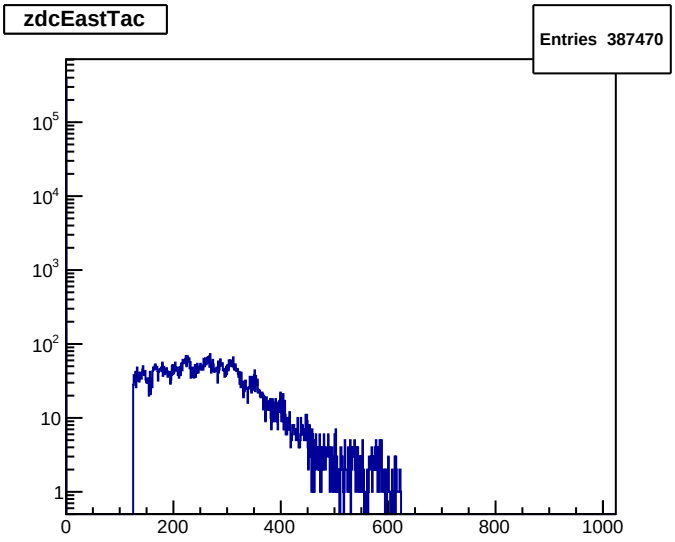

vpdEastTacMaxVsSimu
Entries 266311
Data
Simu

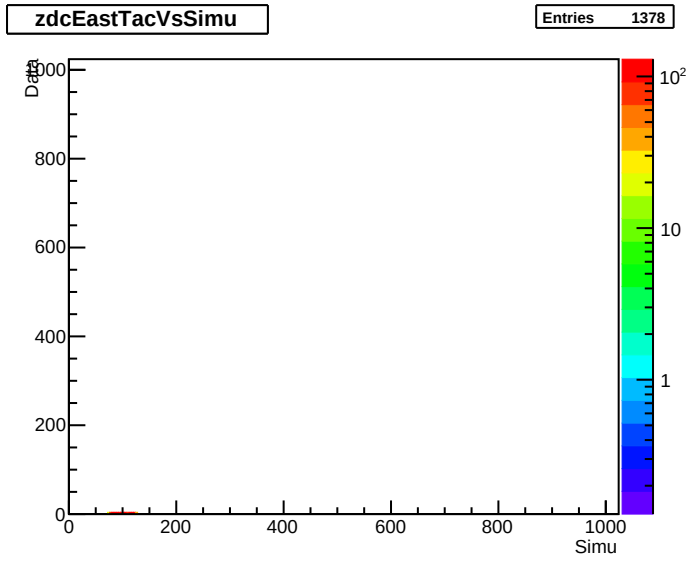

vpdWestAdcSum
Entries 387470

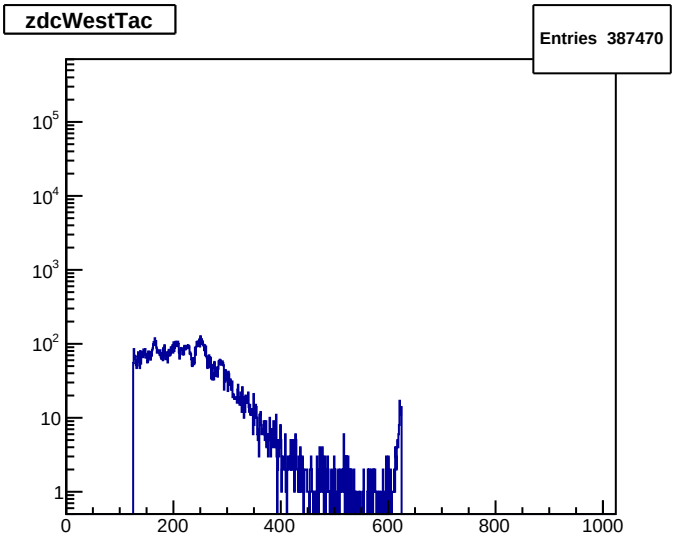

vpdWestAdcSumVsSimu
Entries 296670
Data
Simu

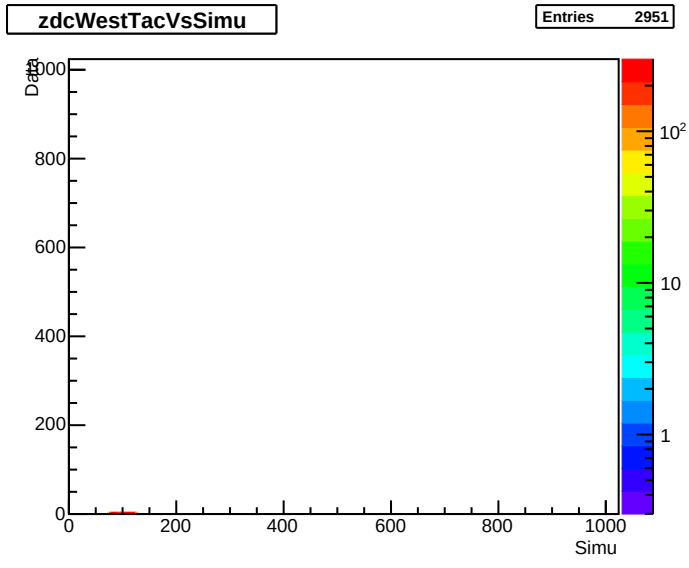

vpdWestTacMax
Entries 387470

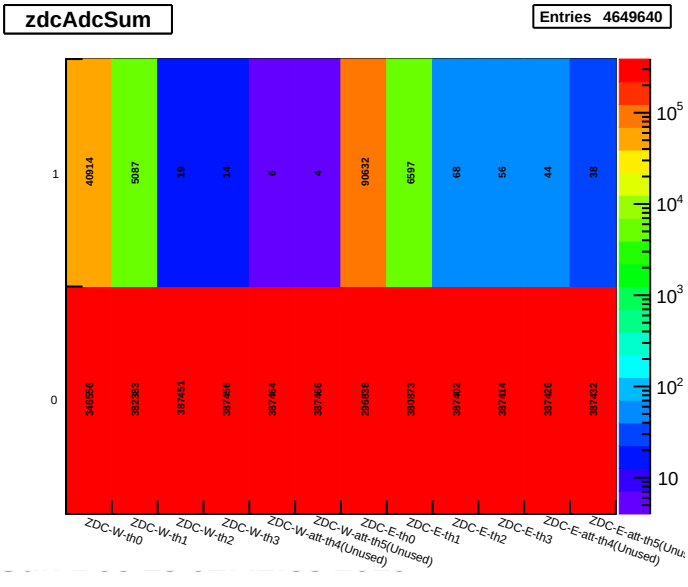

vpdWestTacMaxVsSimu
Entries 296670
Data
Simu

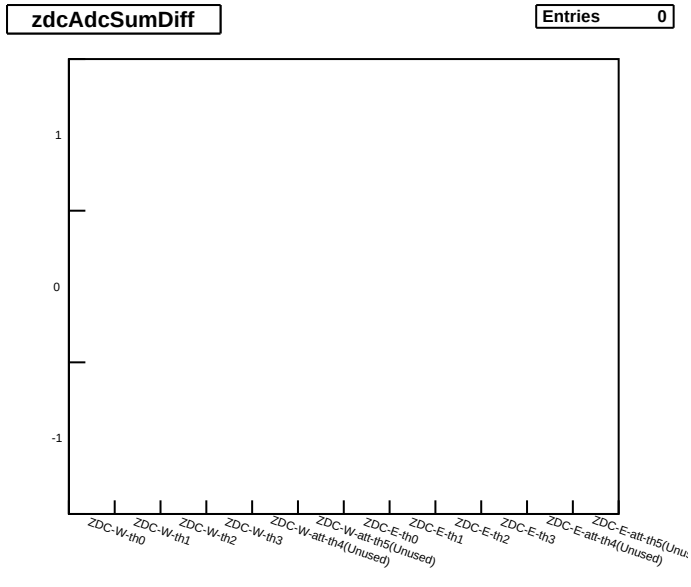

zdcEastTac
Entries 387470

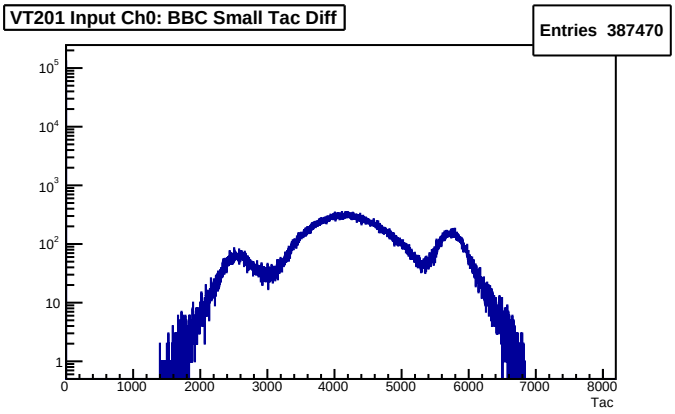

zdcEastTacVsSimu
Entries 1378
Data
Simu

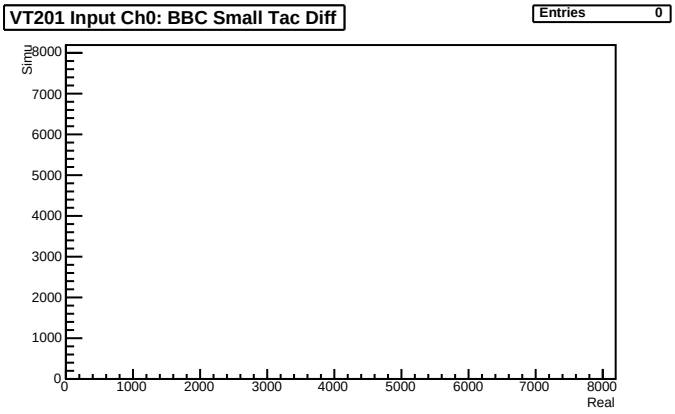

zdcWestTac
Entries 387470

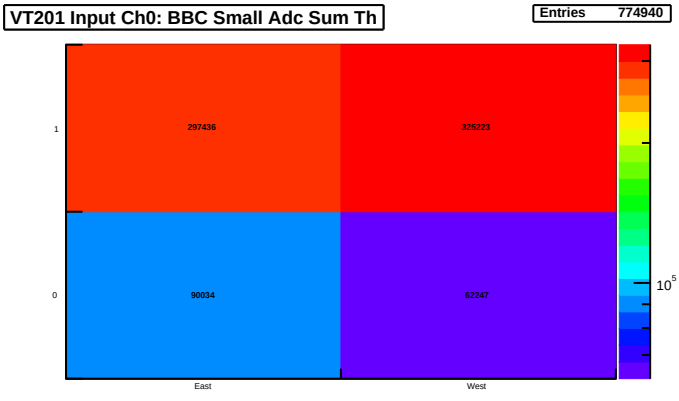

zdcWestTacVsSimu
Entries 2951
Data
Simu

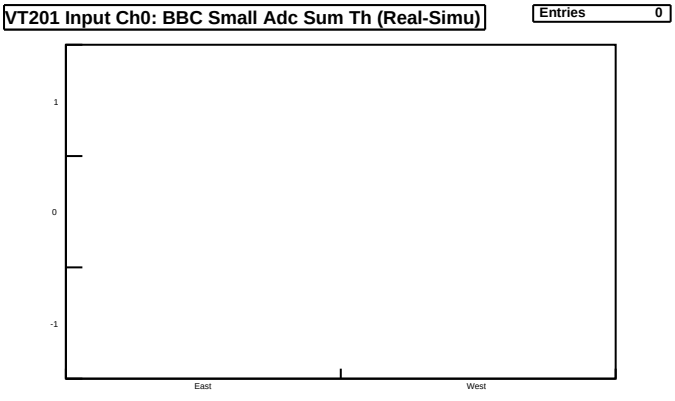

zdcAdcSum
Entries 4649640
40914
5087
19
14
6
4
90632
6597
68
56
44
38
346556
382383
387451
387456
387464
387466
296838
380873
387402
387414
387426
387432
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

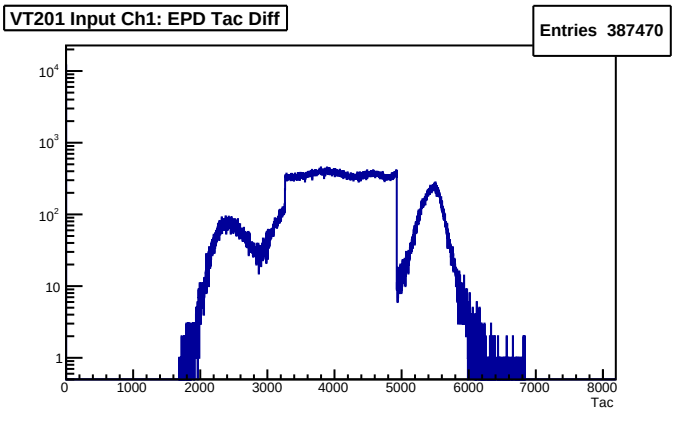

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

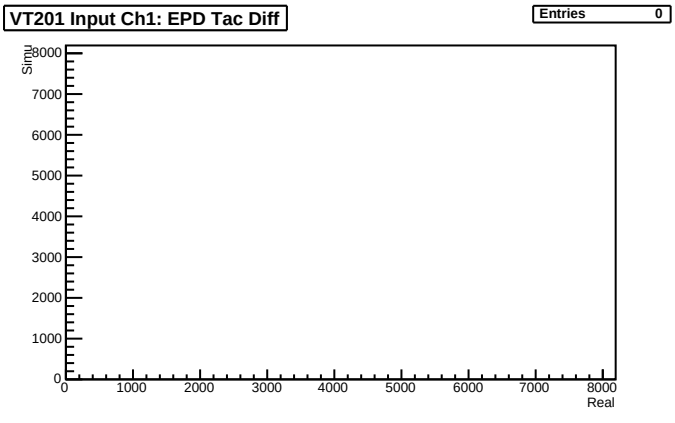

VT201 Input Ch0: BBC Small Tac Diff
Entries 387470
Tac

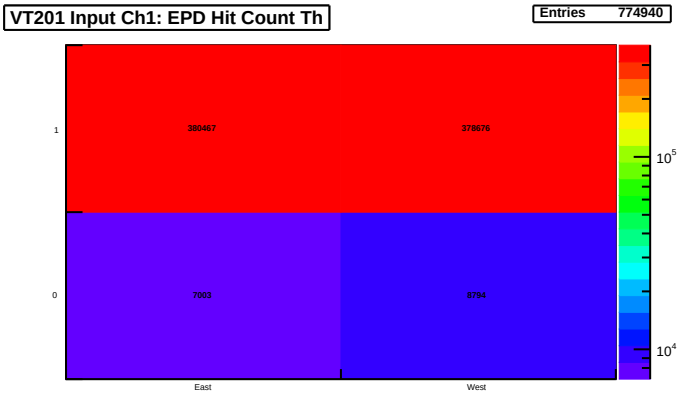

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

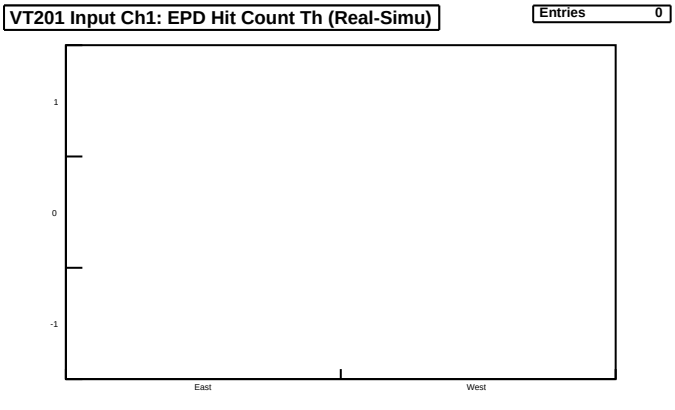

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 774940
297436
325223
90034
62247
East
West

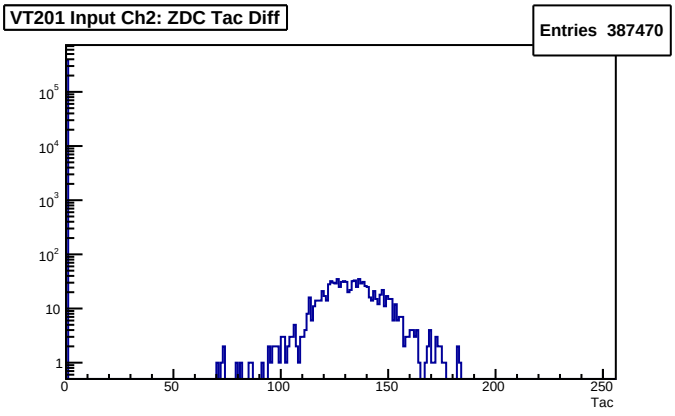

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

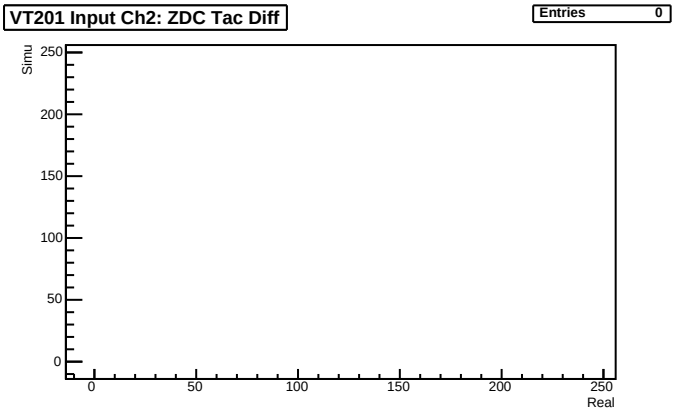

VT201 Input Ch1: EPD Tac Diff
Entries 387470
Tac

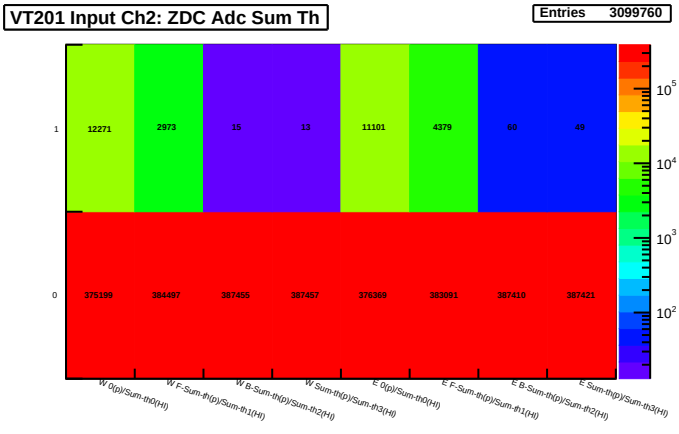

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

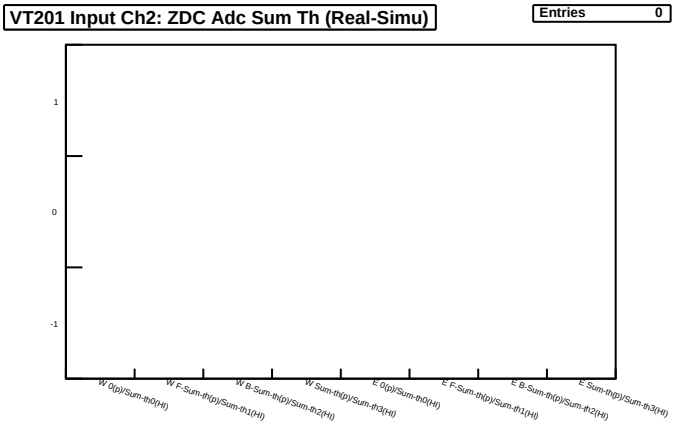

VT201 Input Ch1: EPD Hit Count Th
Entries 774940
380467
378676
7003
8794
East
West

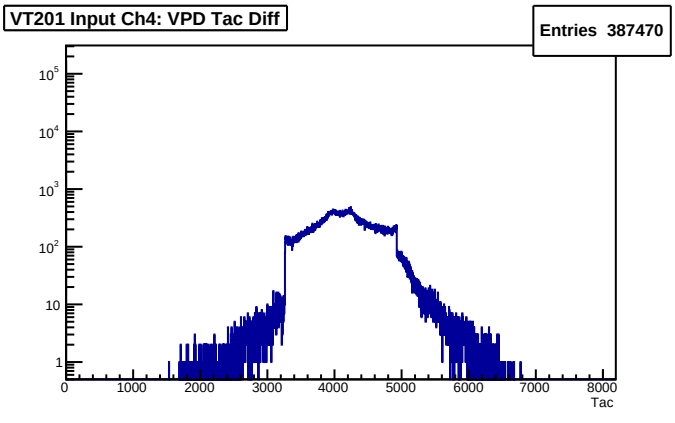

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

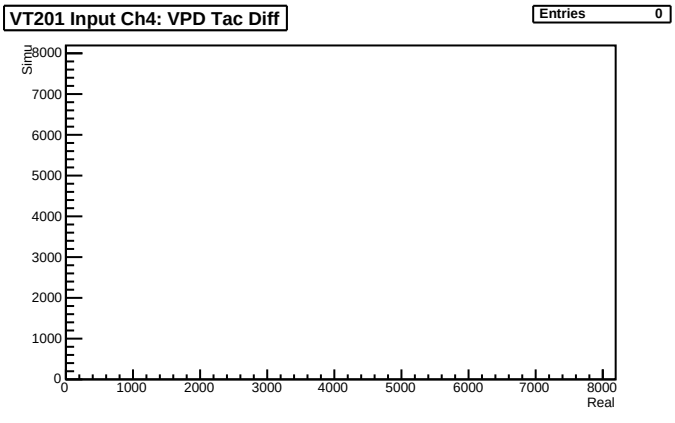

VT201 Input Ch2: ZDC Tac Diff
Entries 387470
Tac

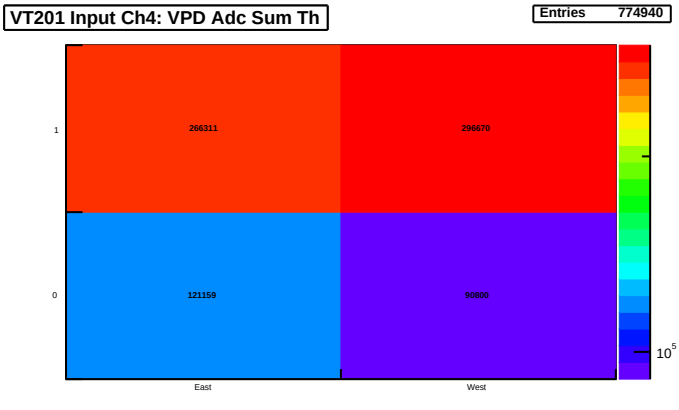

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

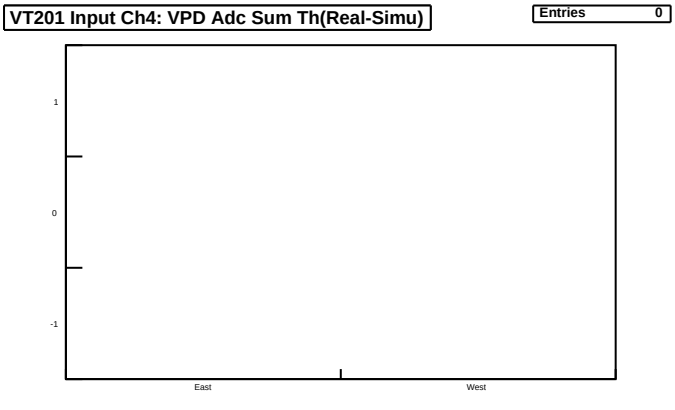

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3099760
12271
2973
15
13
11101
4379
60
49
375199
384497
387455
387457
376369
383091
387410
387421
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

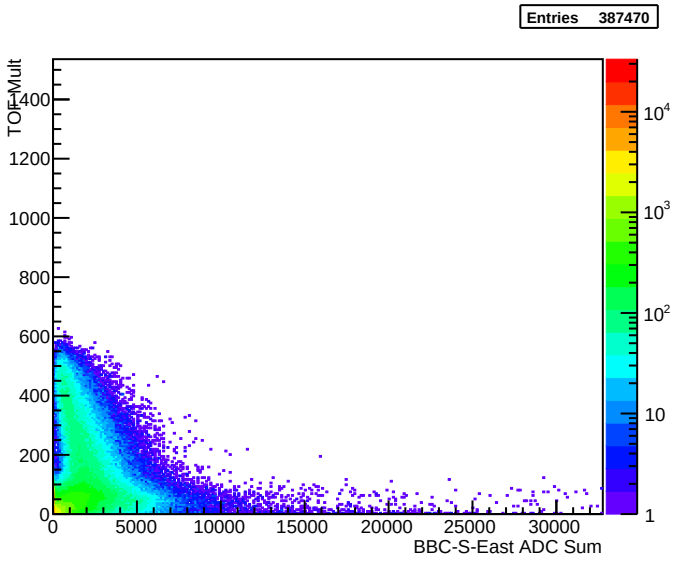

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

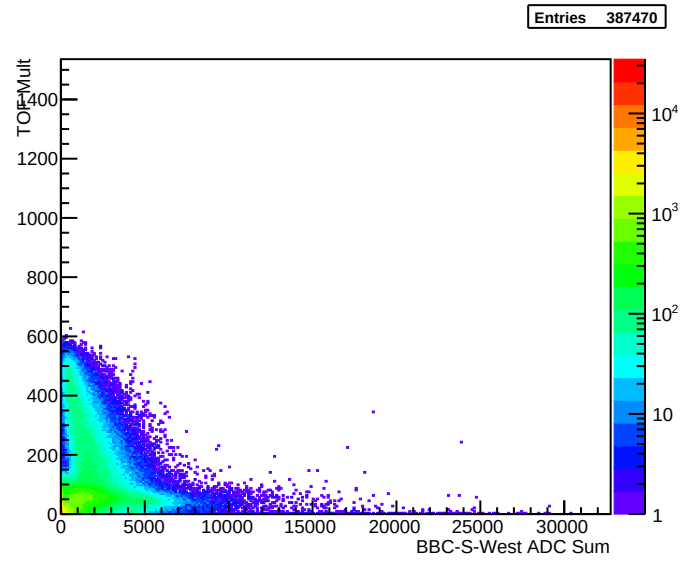

VT201 Input Ch4: VPD Tac Diff
Entries 387470
Tac

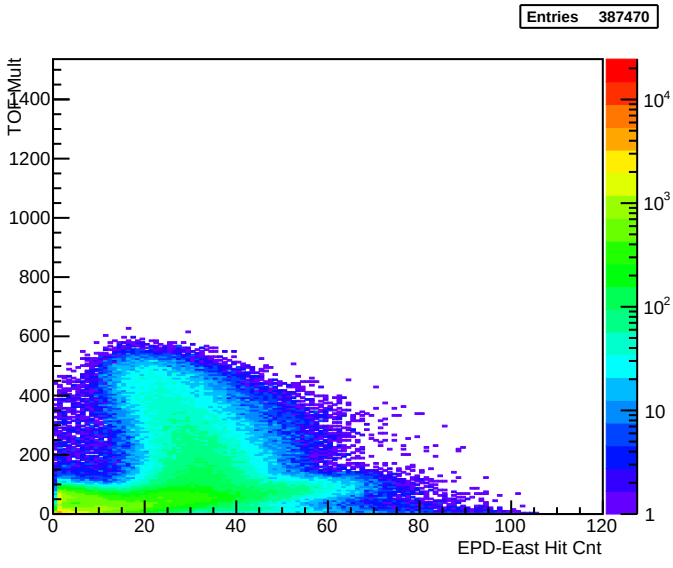

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

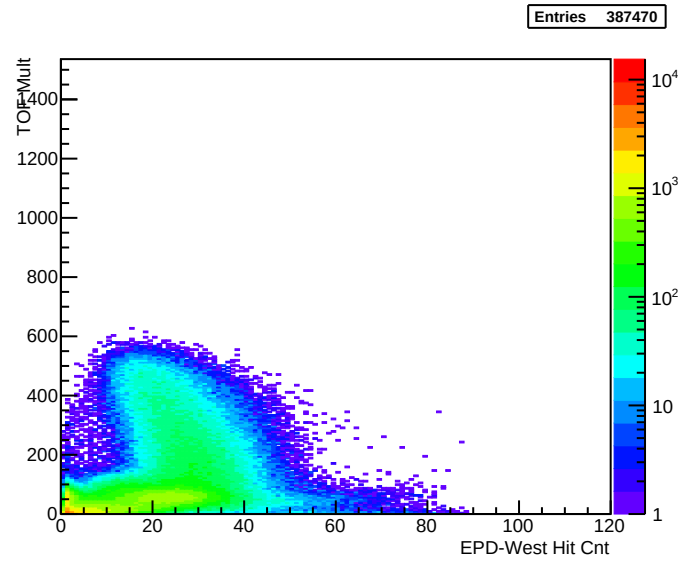

VT201 Input Ch4: VPD Adc Sum Th
Entries 774940
266311
296670
121159
90800
East
West

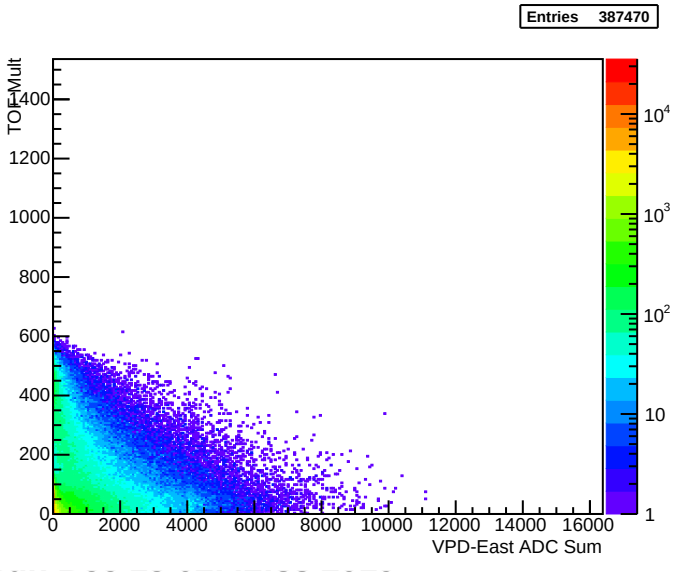

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

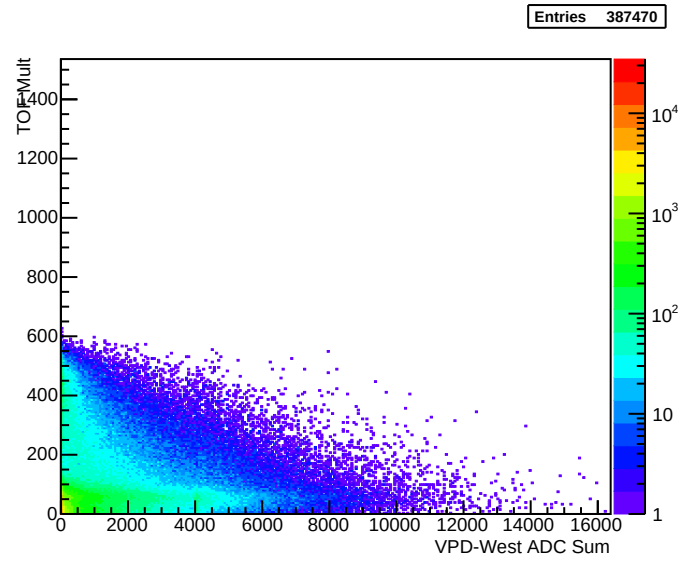

Entries 387470
TOF-Mult
BBC-S-East ADC Sum

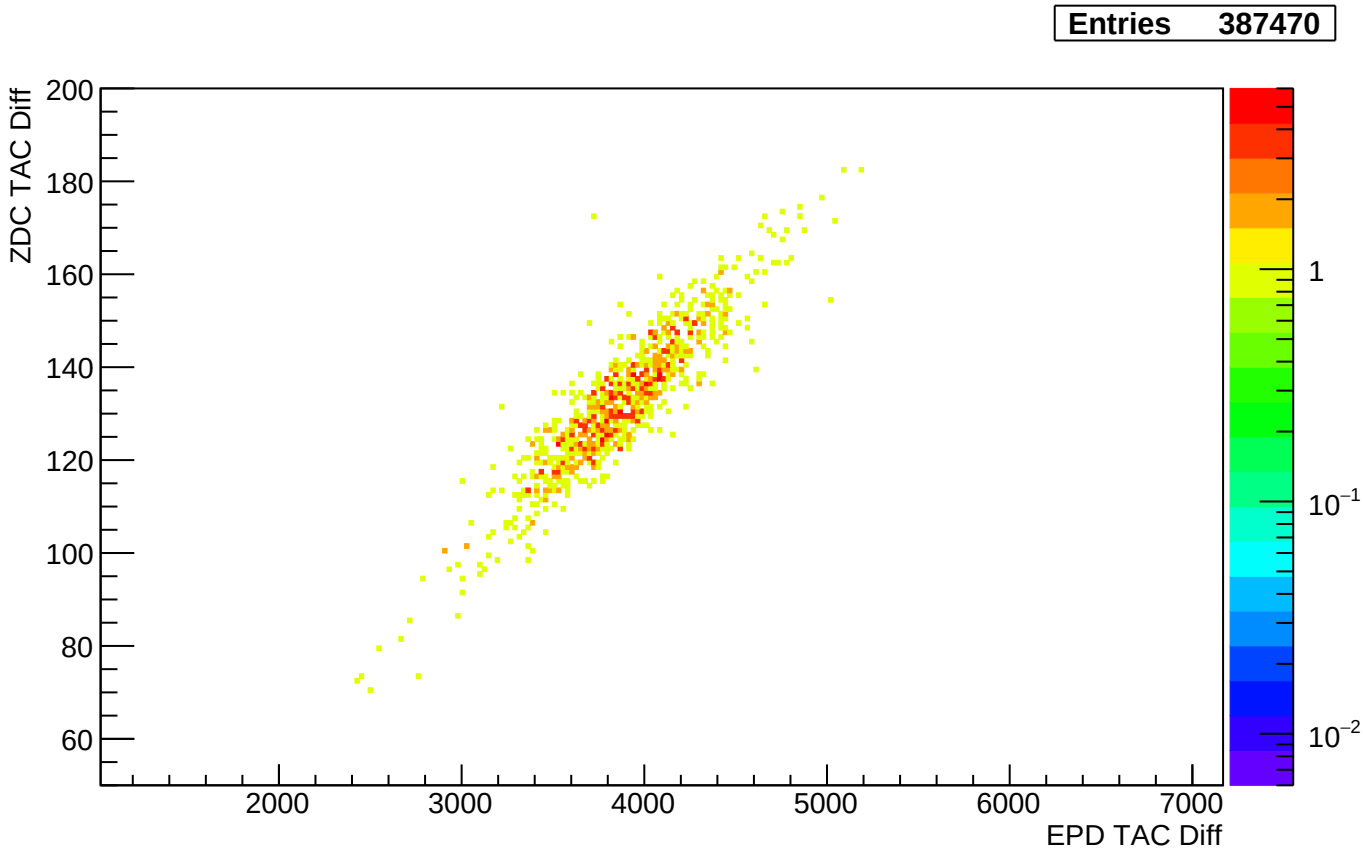

Entries 387470
TOF-Mult
BBC-S-West ADC Sum

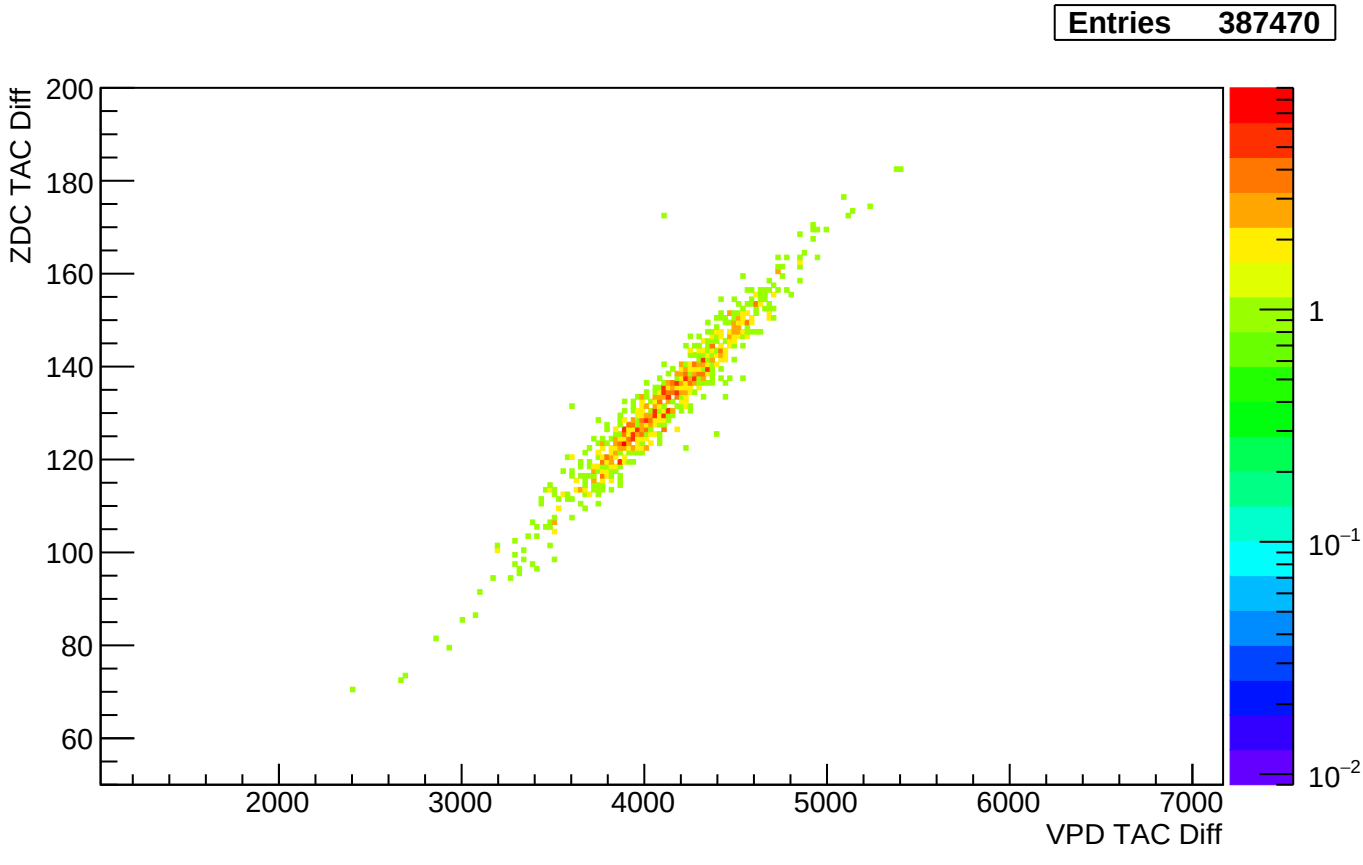

Entries 387470
TOF-Mult
EPD-East Hit Cnt

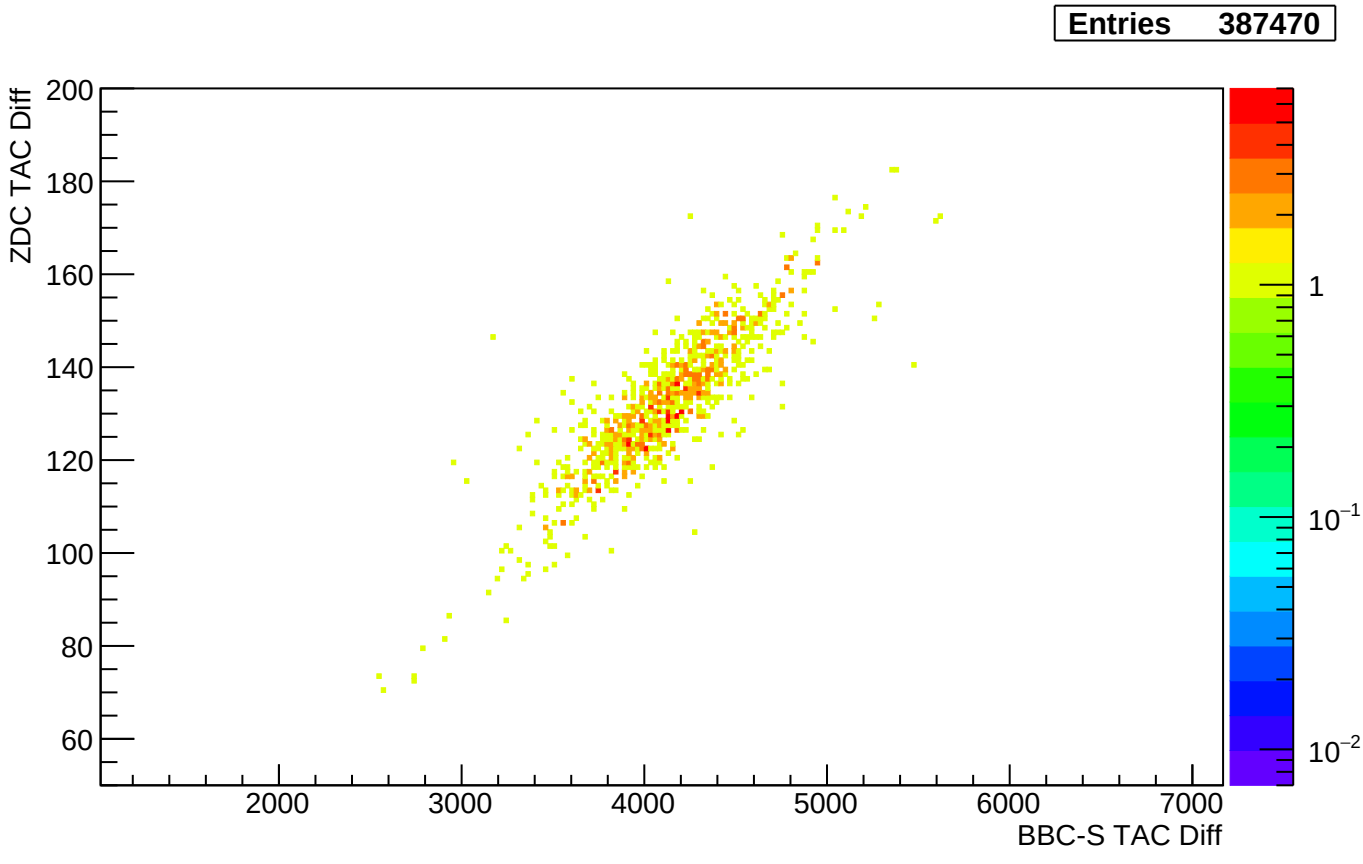

Entries 387470
TOF-Mult
EPD-West Hit Cnt

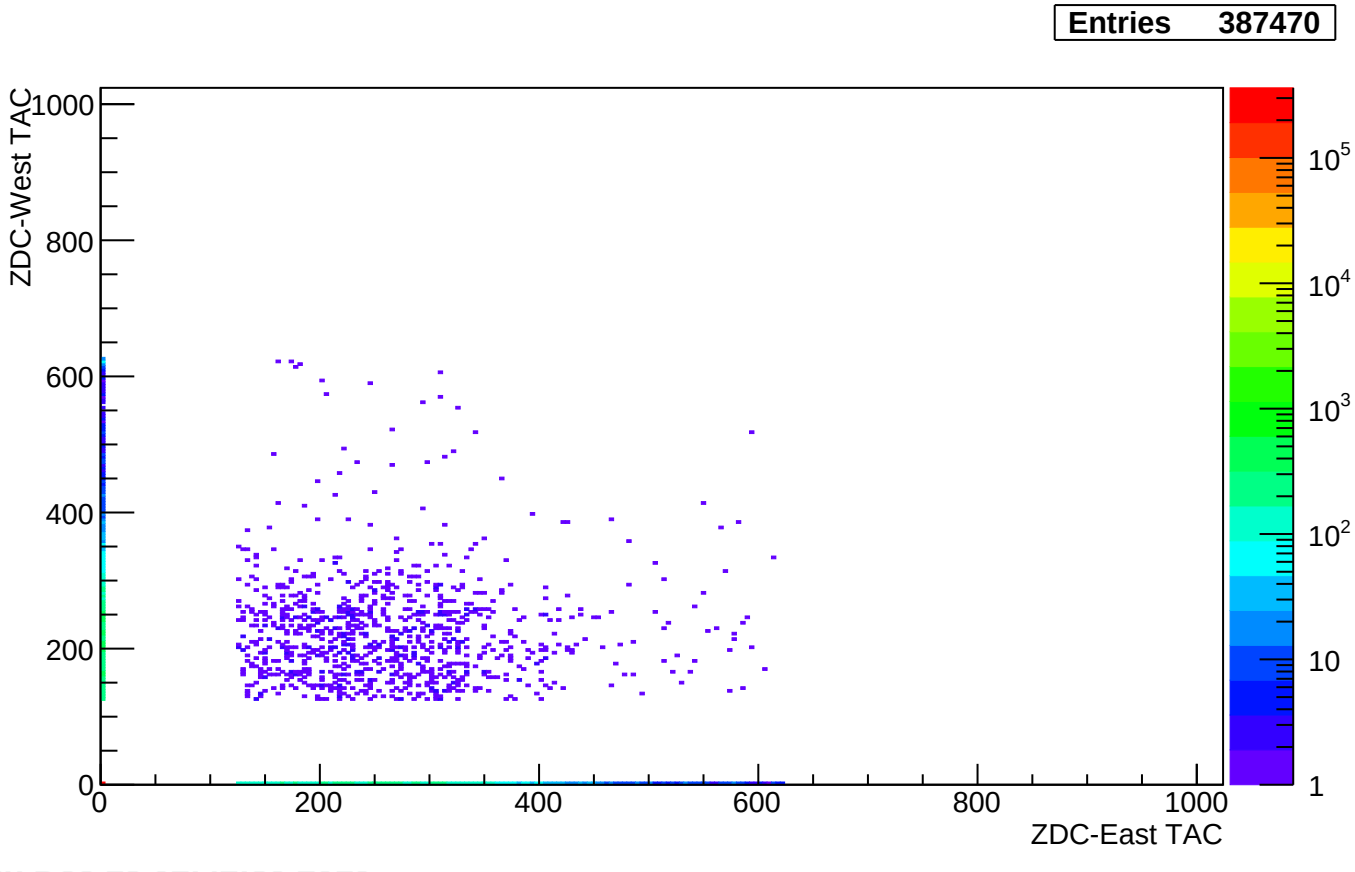

Entries 387470
TOF-Mult
VPD-East ADC Sum

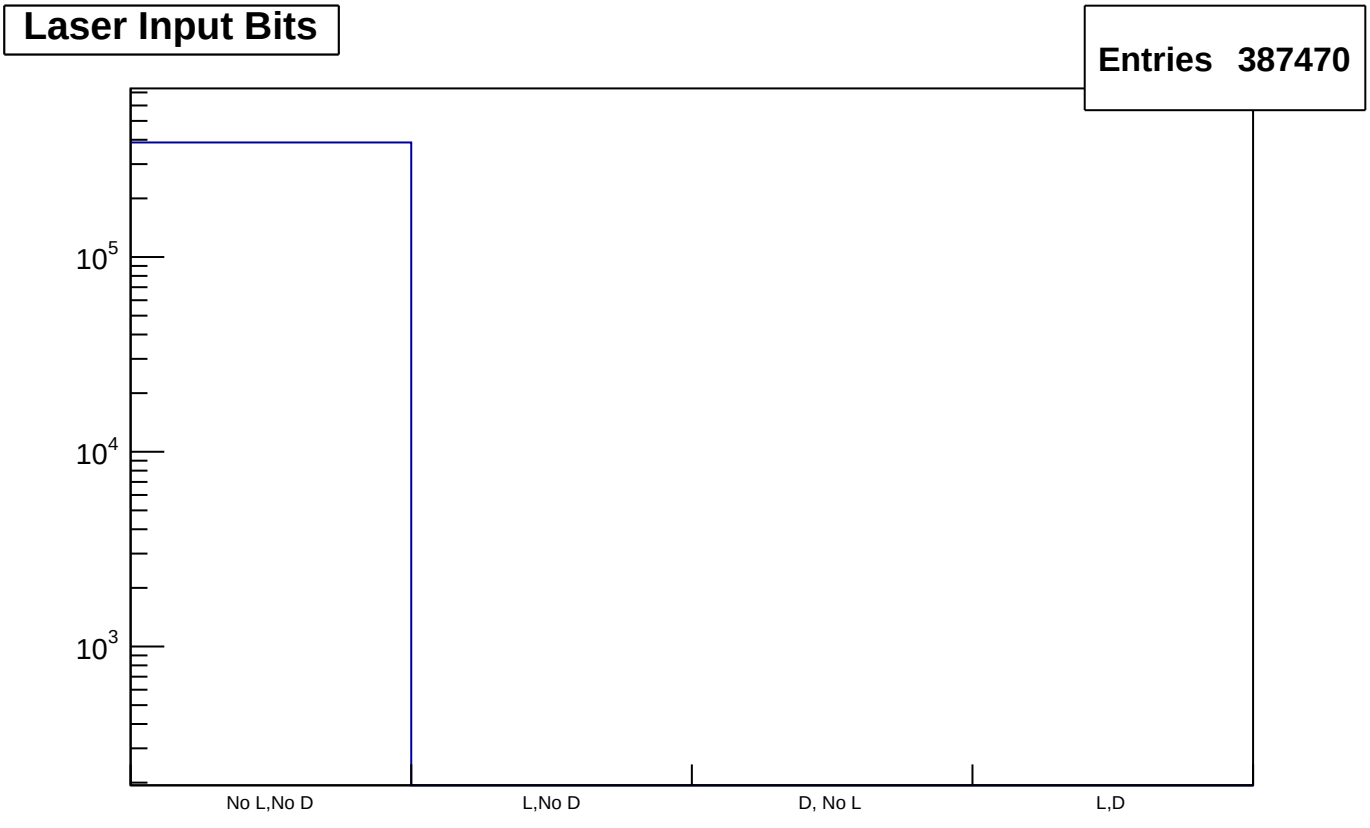

Entries 387470
TOF-Mult
VPD-West ADC Sum

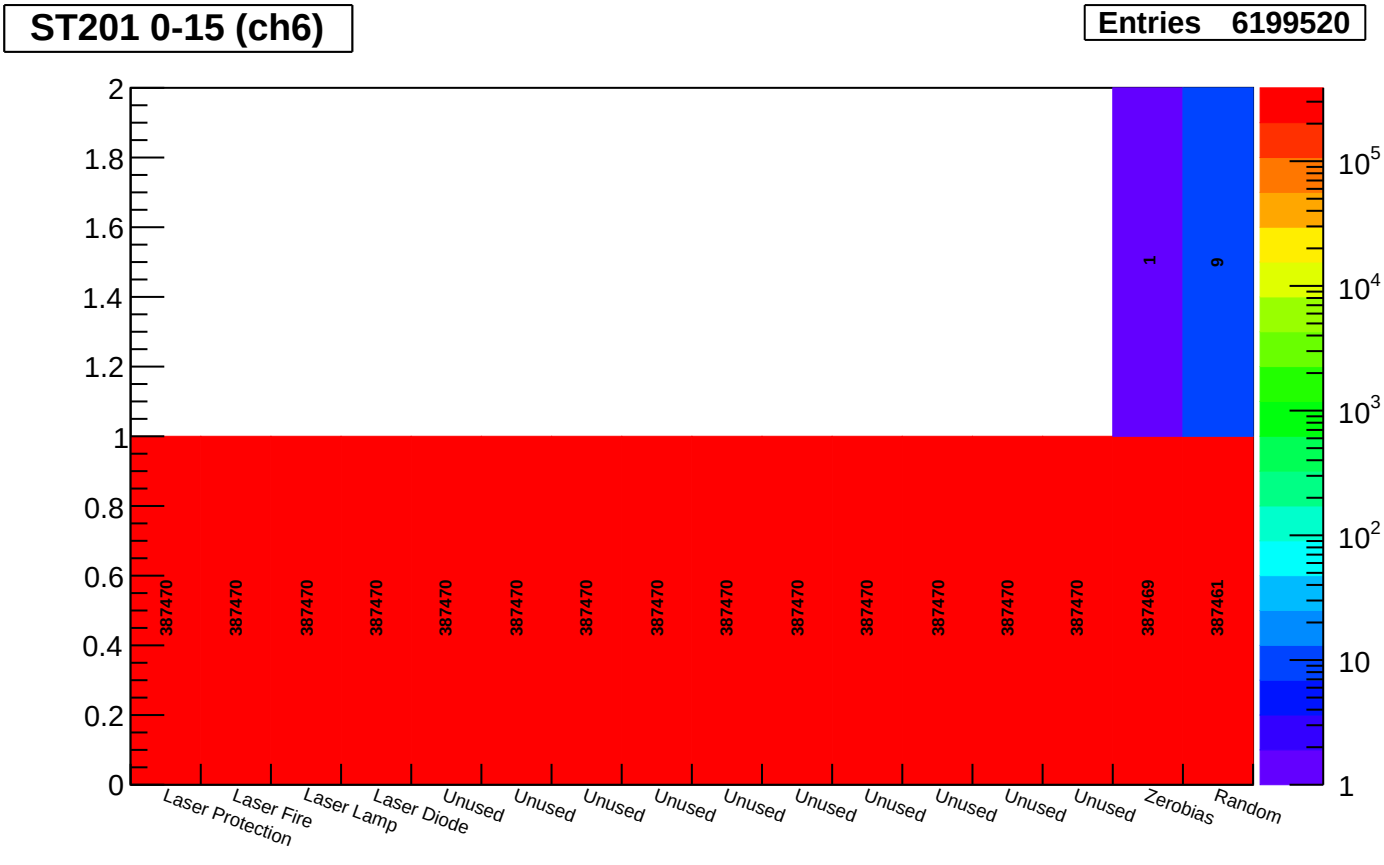

Entries 387470
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

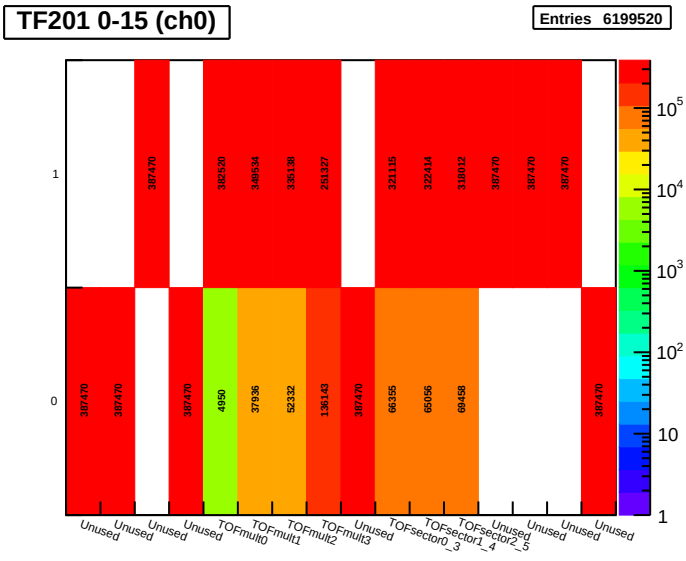

Entries 387470
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

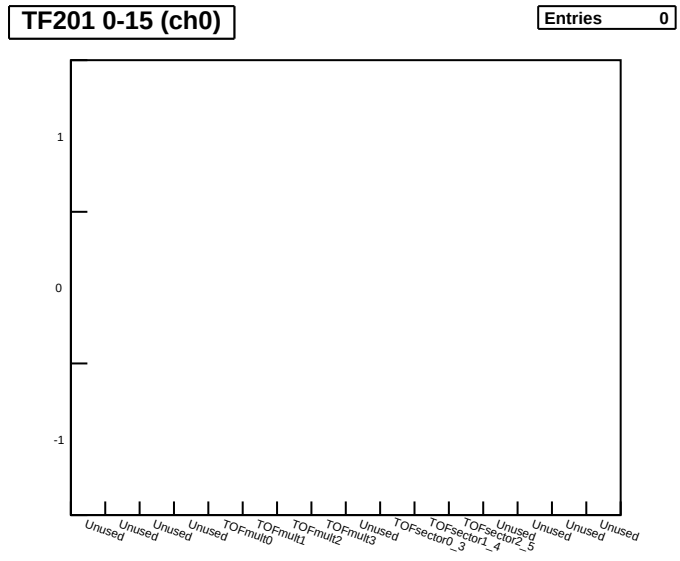

Entries 387470
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

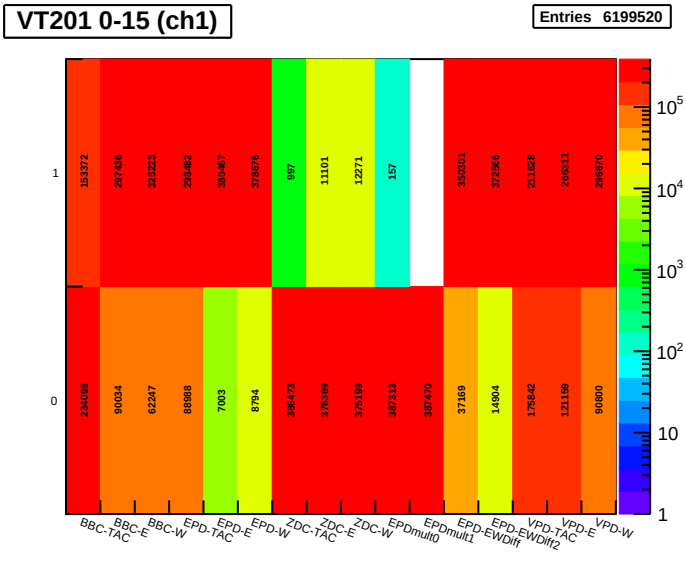

Entries 387470
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

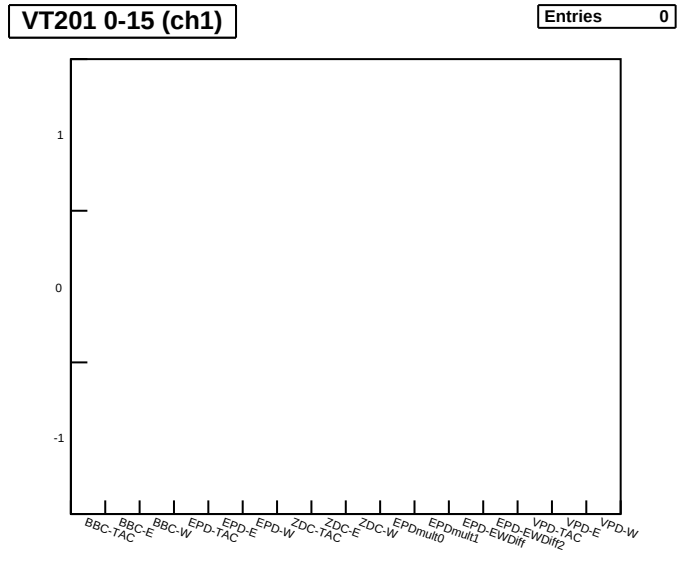

Laser Input Bits
Entries 387470
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

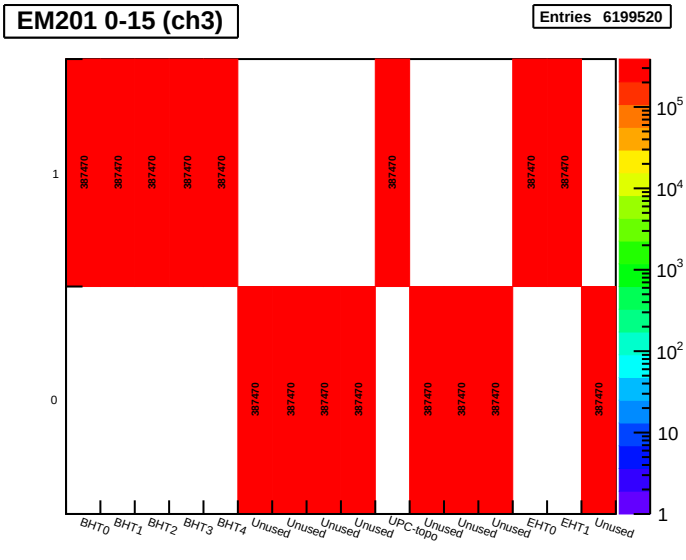

ST201 0-15 (ch6)
Entries 6199520
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
387470
387470
387470
387470
387470
387470
387470
387470
387470
387470
387470
387470
387470
387470
387469
387461
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

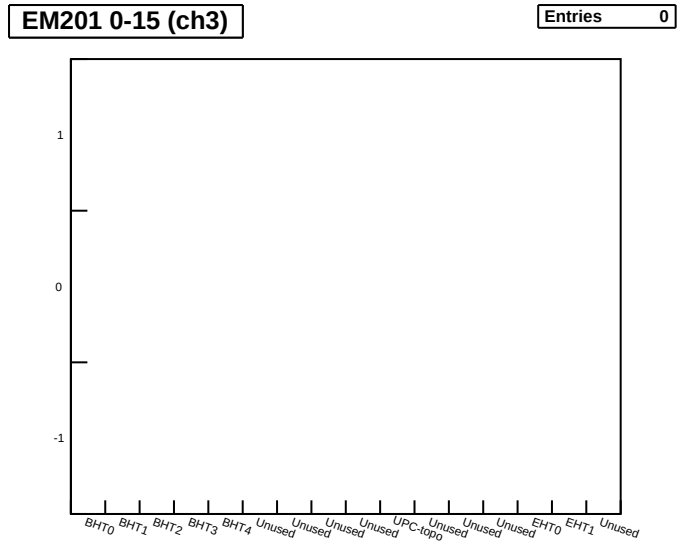

TF201 0-15 (ch0)
Entries 6199520
1
0
387470 387470 387470 387470 387470 387470 387470 387470 387470 387470 387470 387470 387470 387470 387470 387470
4950 37936 52332 136143 66395 65056 69458
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6199520
1
0
153372 297436 325223 298482 360467 378676 997 11101 12271 157 350301 372566 211628 266311 296670
234098 90034 62247 88988 7003 8794 386473 376369 375199 387313 387470 37169 14904 175842 121159 90800
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 6199520
1
0
387470 387470 387470 387470 387470 387470 387470 387470 387470
387470 387470 387470 387470 387470 387470 387470 387470
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