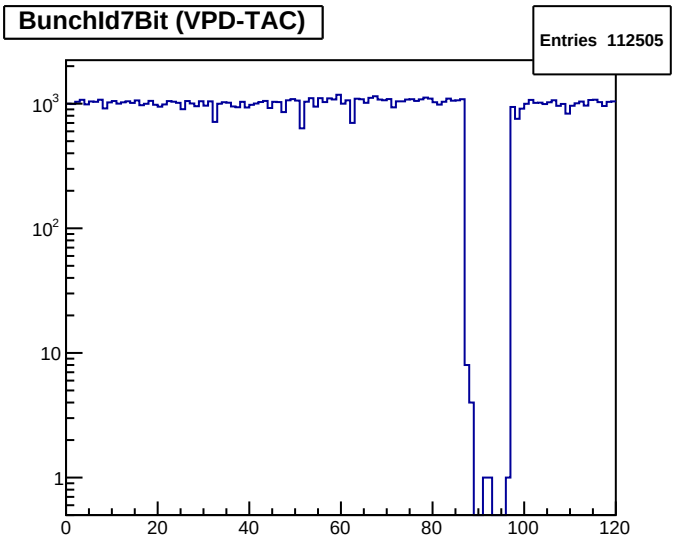
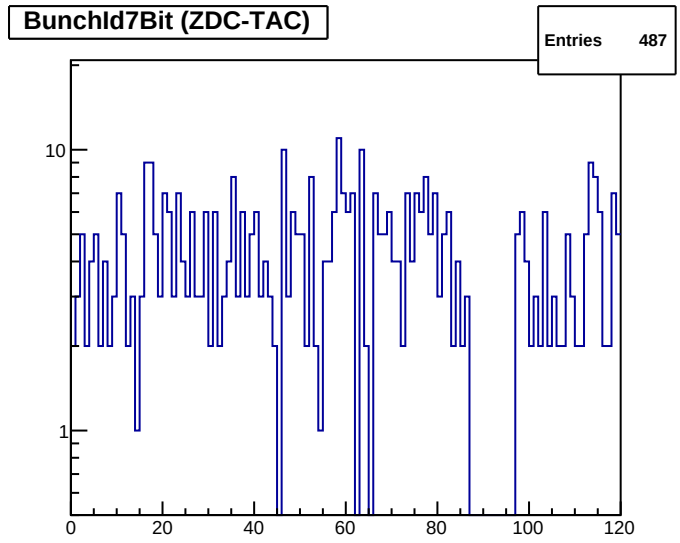
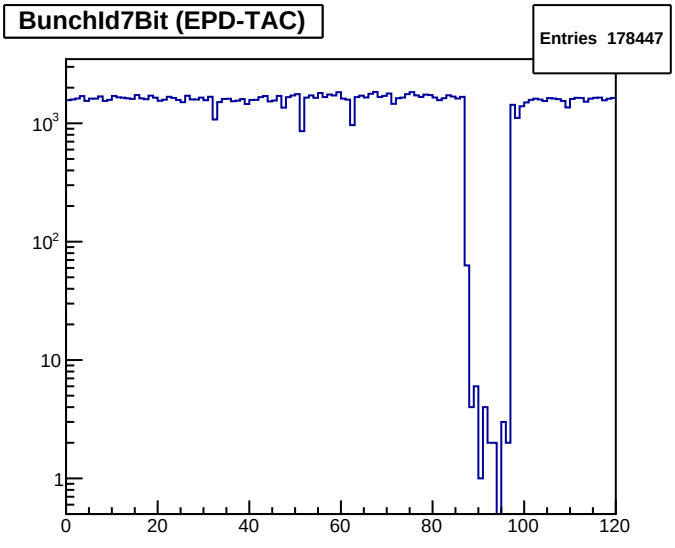
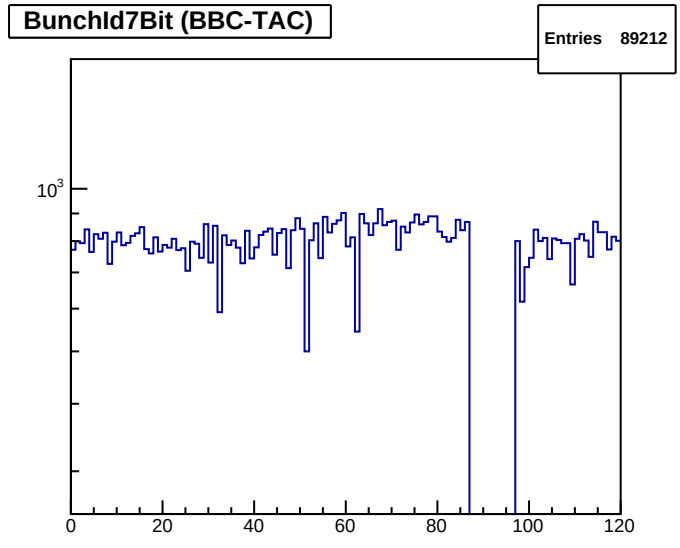
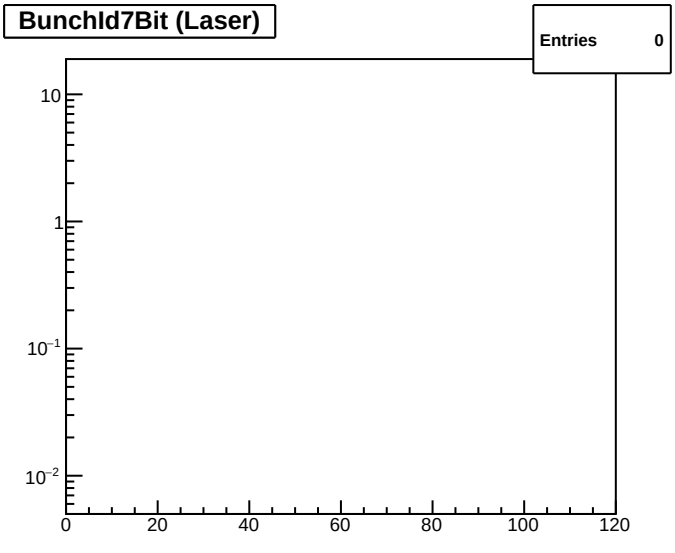
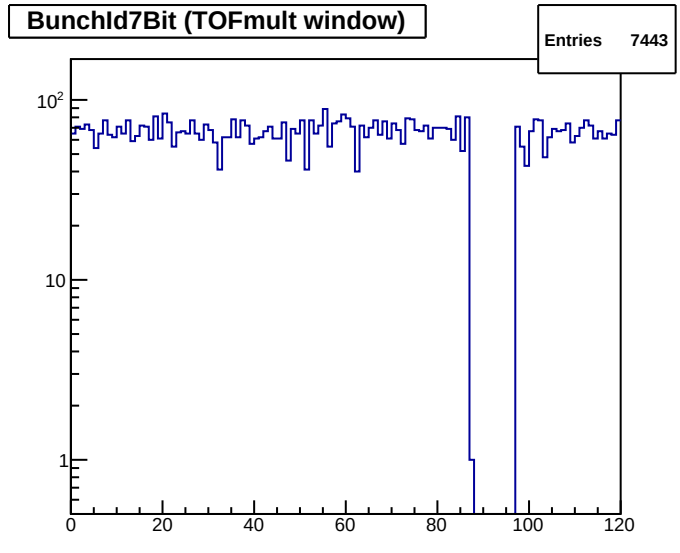

BunchId7Bit (VPD-TAC)
Entries 112505

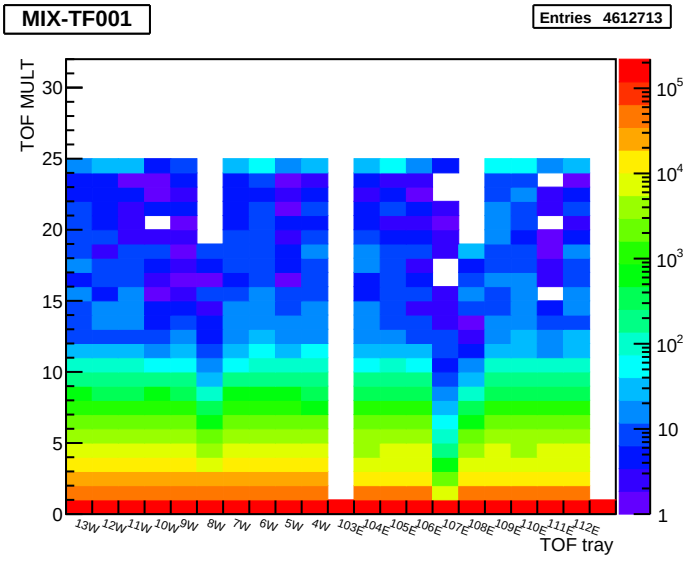

BunchId7Bit (ZDC-TAC)
Entries 487

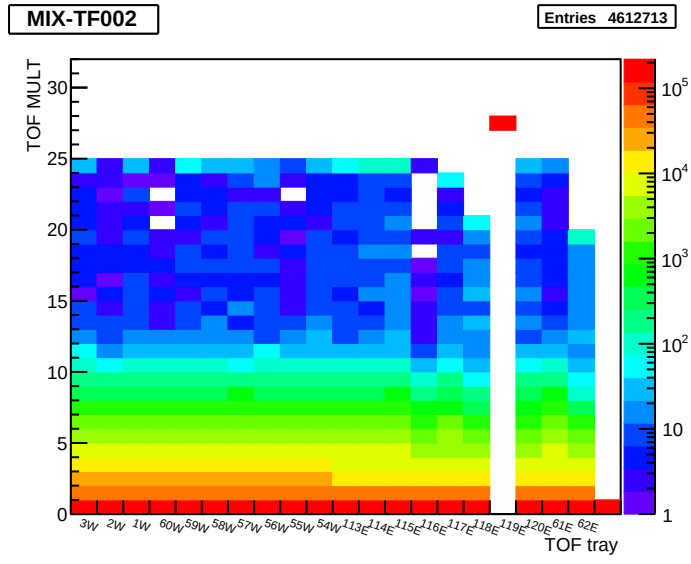

BunchId7Bit (EPD-TAC)
Entries 178447

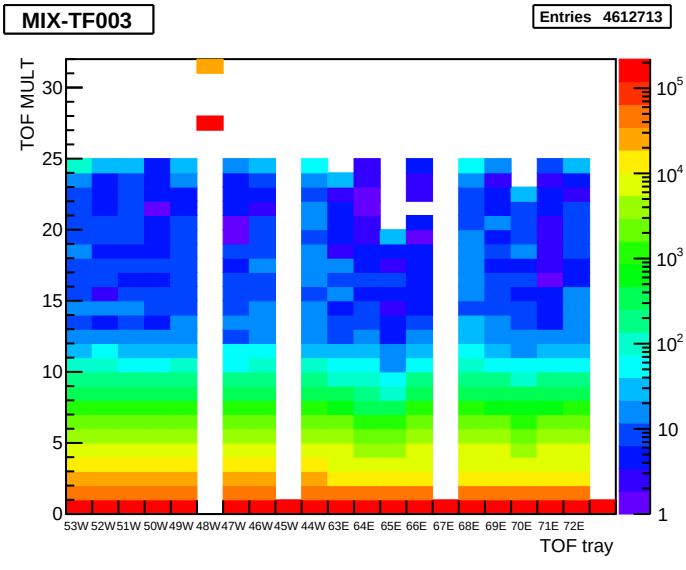

BunchId7Bit (BBC-TAC)
Entries 89212

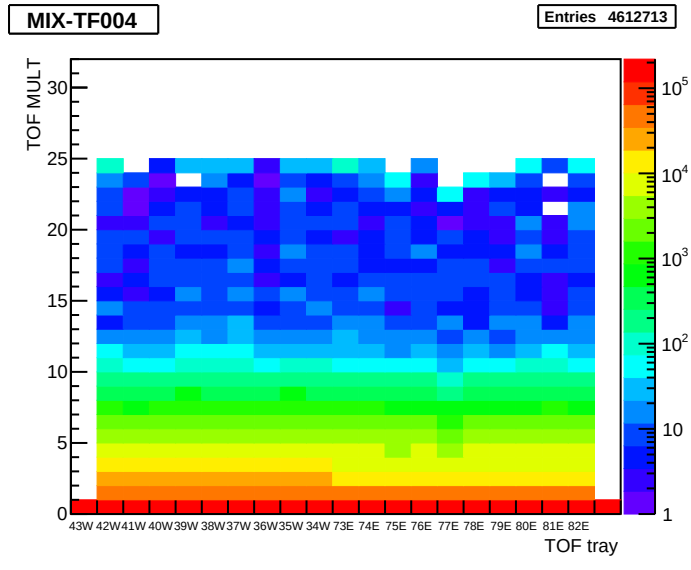

BunchId7Bit (Laser)
Entries 0

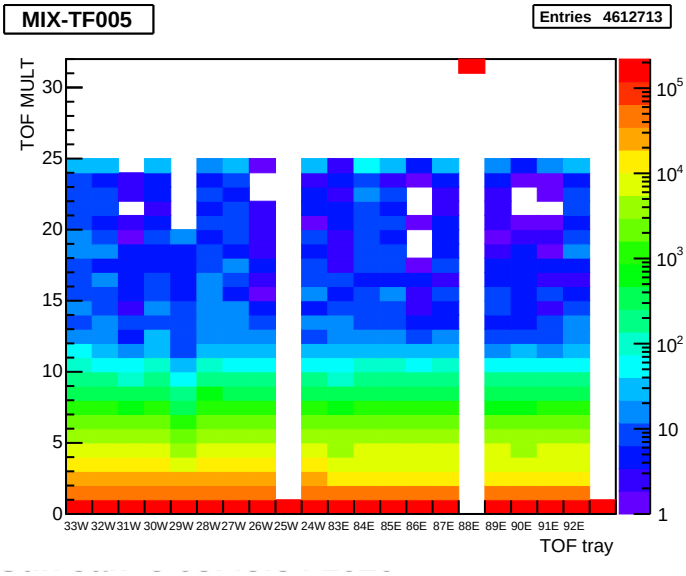

BunchId7Bit (TOFmult window)
Entries 7443

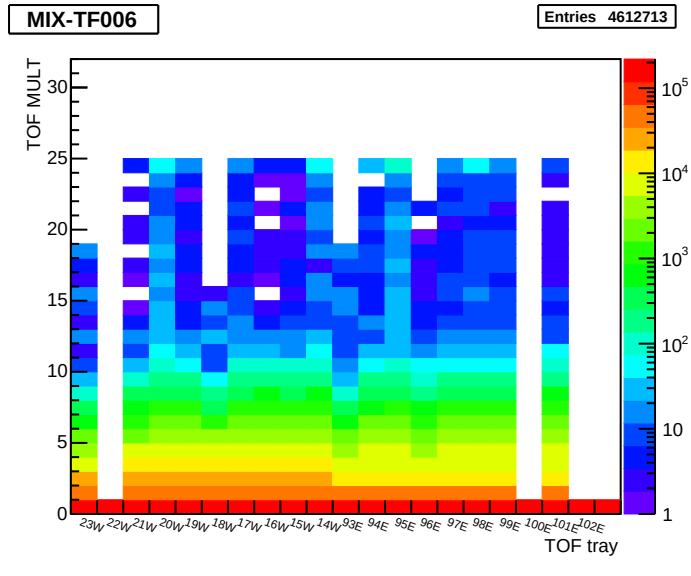

MIX-TF001
Entries 4612713
TOF MULT
TOF tray

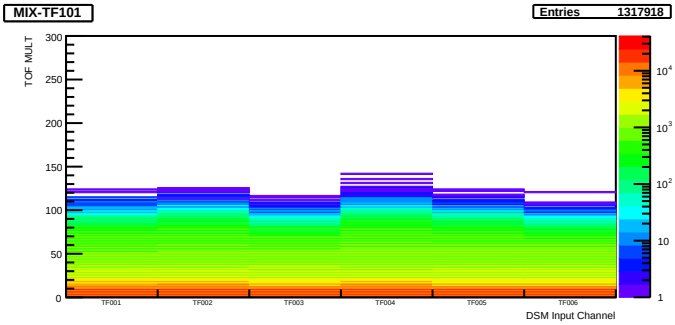

MIX-TF002
Entries 4612713
TOF MULT
TOF tray

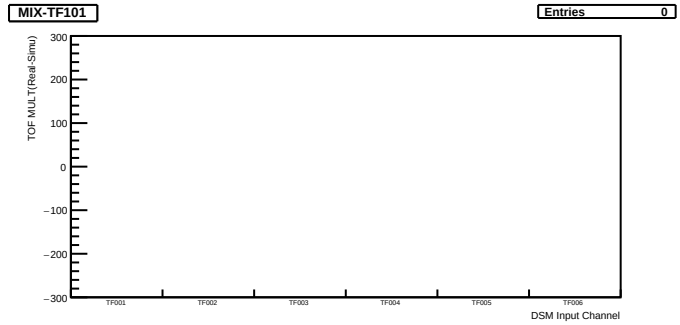

MIX-TF003
Entries 4612713
TOF MULT
TOF tray

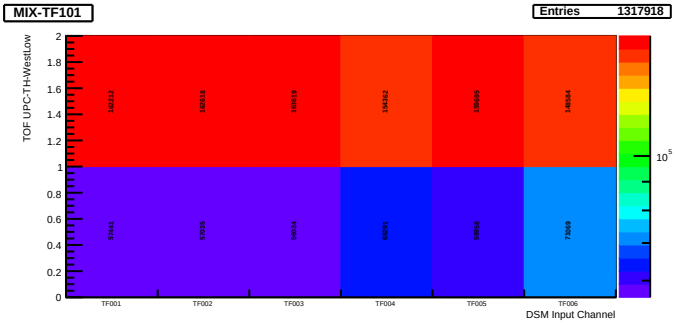

MIX-TF004
Entries 4612713
TOF MULT
TOF tray

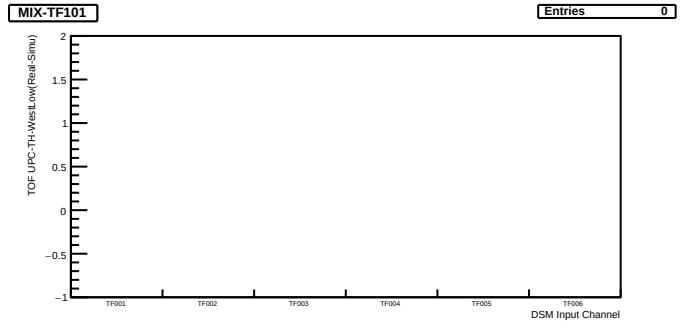

MIX-TF005
Entries 4612713
TOF MULT
TOF tray

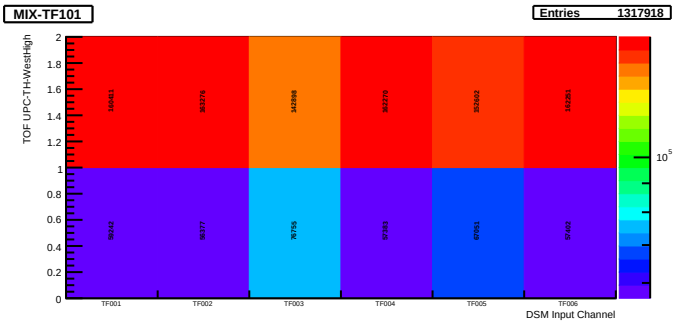

MIX-TF006
Entries 4612713
TOF MULT
TOF tray

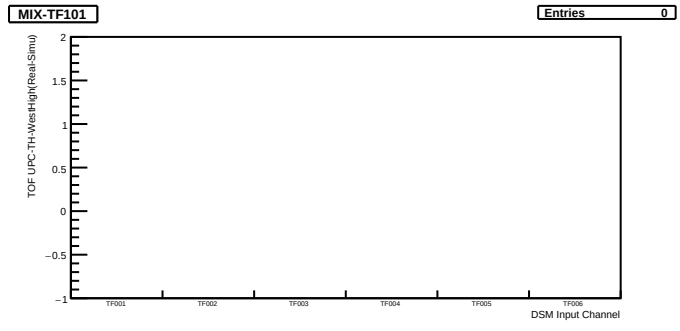

MIX-TF101
Entries 1317918
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

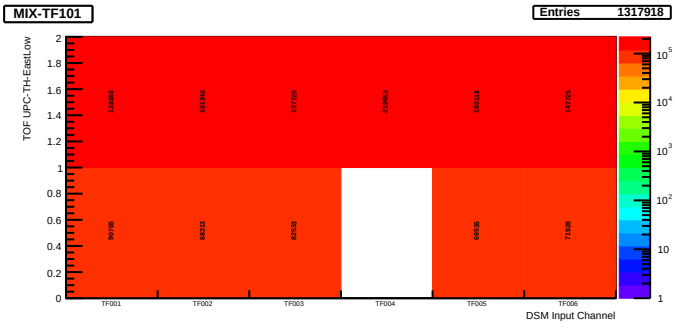

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

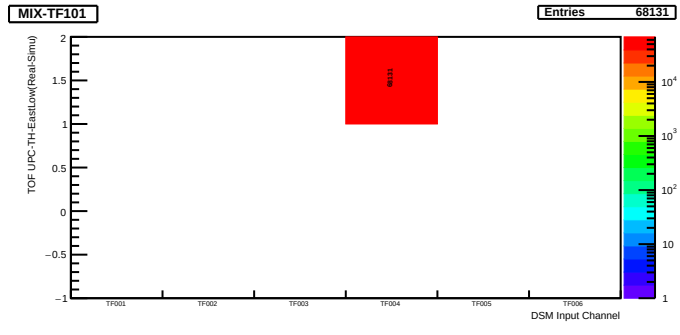

MIX-TF101
Entries 1317918
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

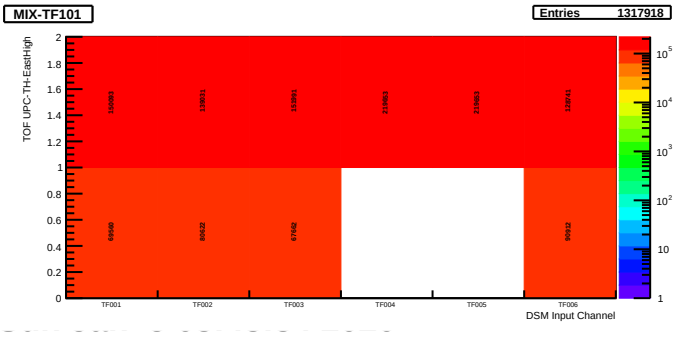

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

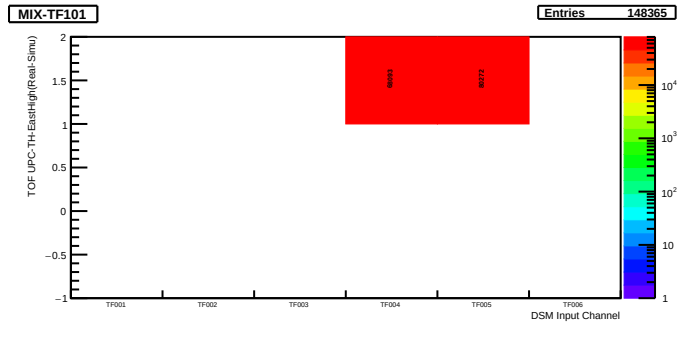

MIX-TF101
Entries 1317918
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

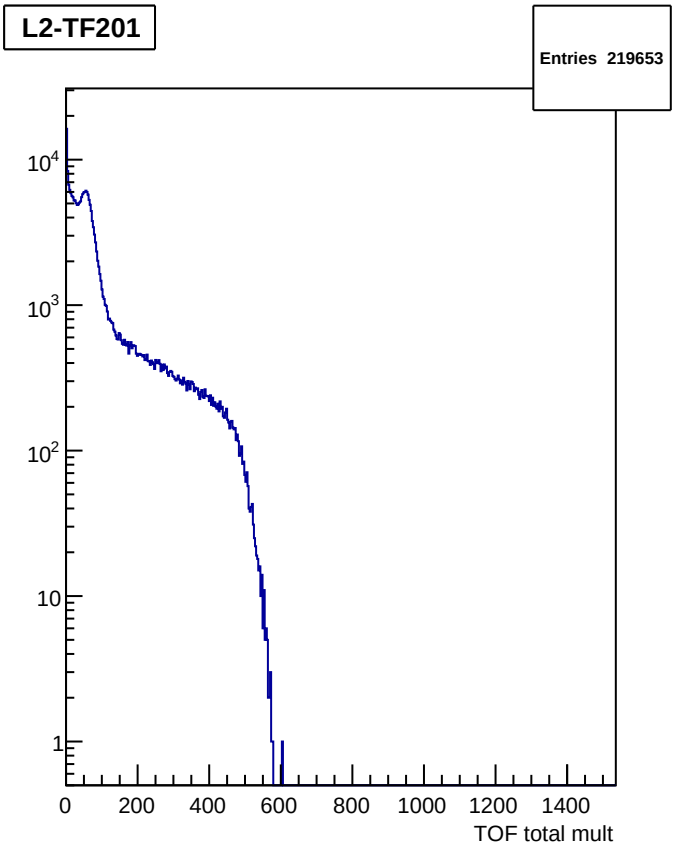

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

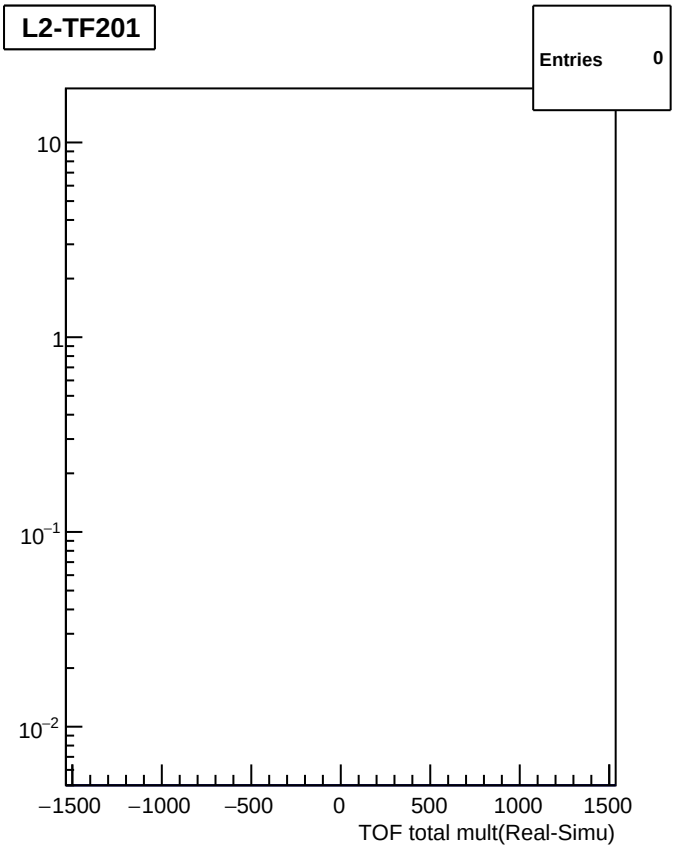

MIX-TF101
Entries 1317918
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

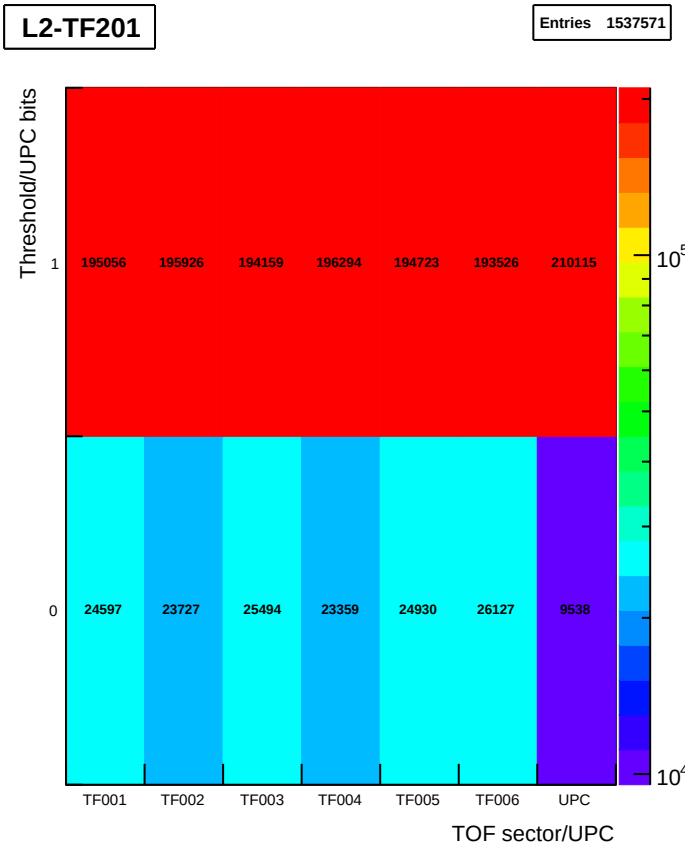

MIX-TF101
Entries 68131
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

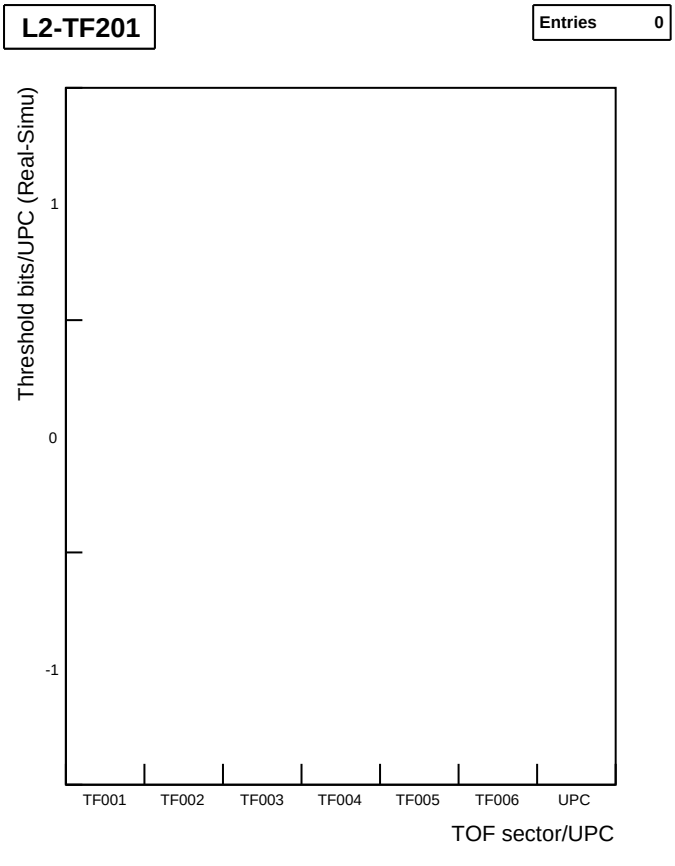

MIX-TF101
Entries 1317918
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

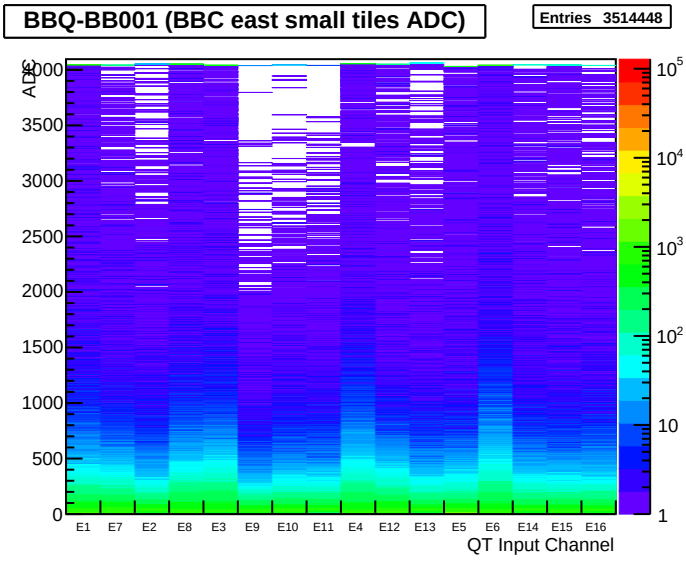

MIX-TF101
Entries 148365
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

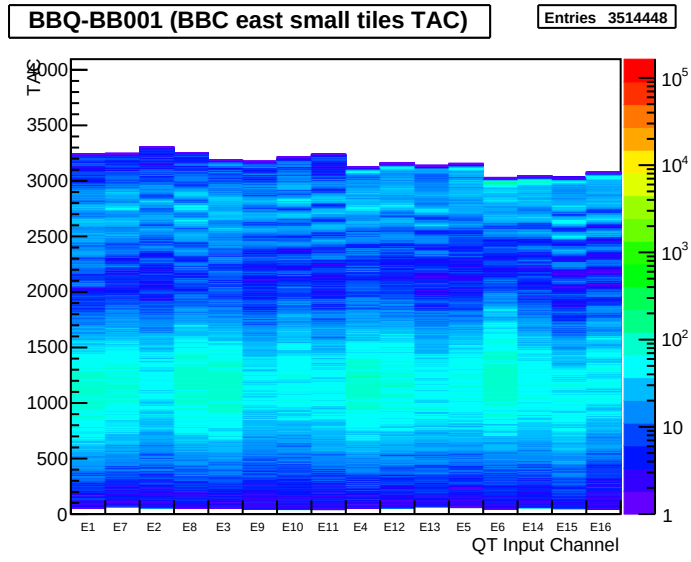

L2-TF201
Entries 219653
TOF total mult

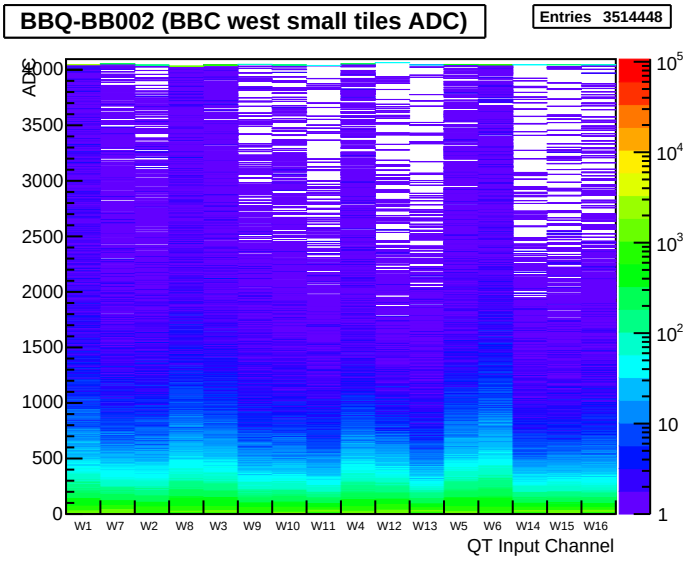

L2-TF201
Entries 0
TOF total mult(Real-Simu)

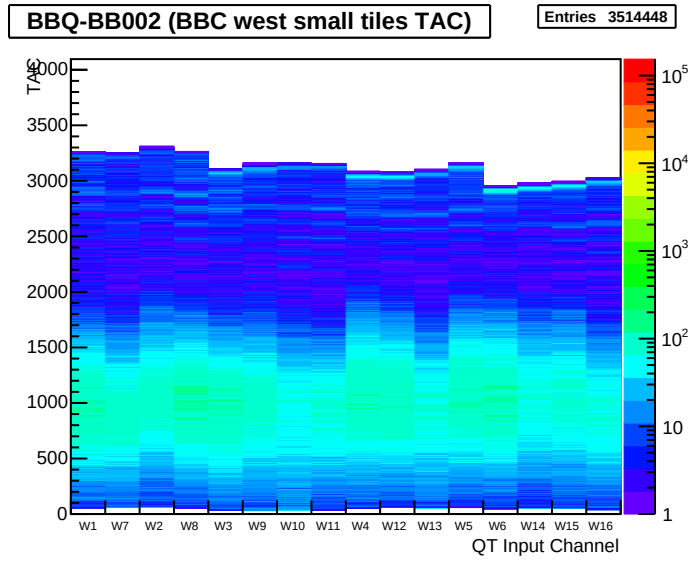

L2-TF201
Entries 1537571
Threshold/UPC bits
195056
195926
194159
196294
194723
193526
210115
24597
23727
25494
23359
24930
26127
9538
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

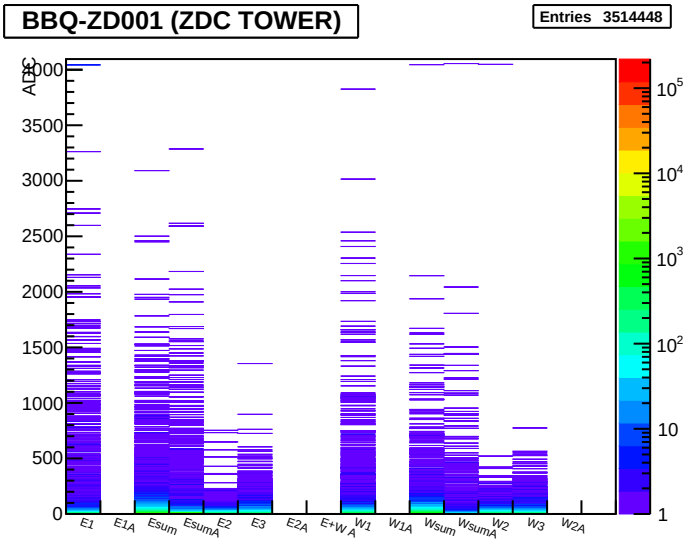

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

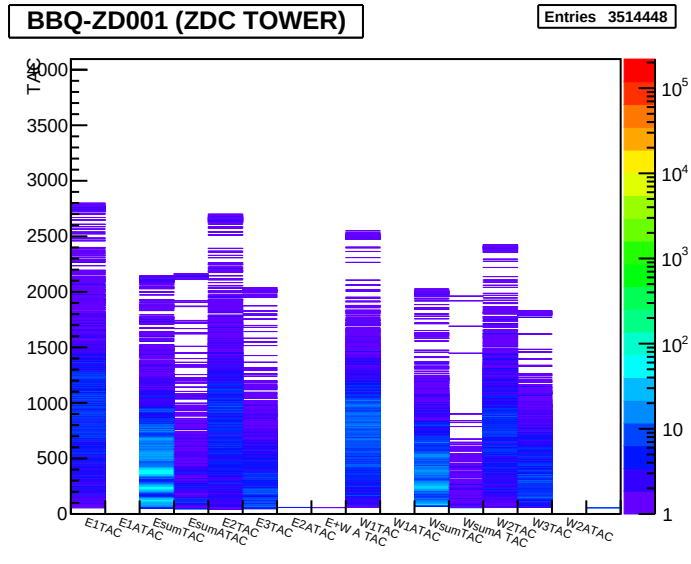

BBQ-BB001 (BBC east small tiles ADC)
Entries 3514448
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

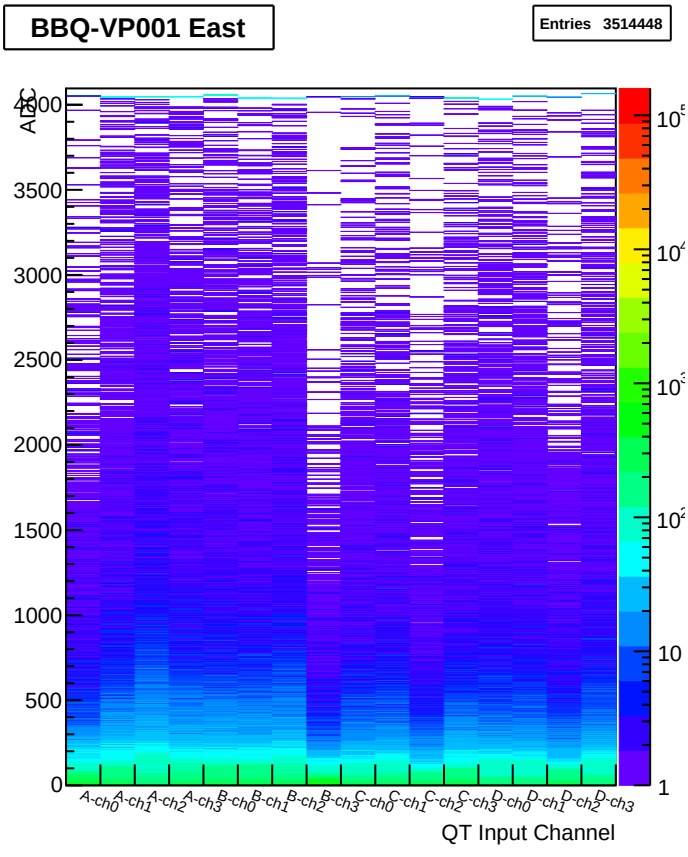

BBQ-BB001 (BBC east small tiles TAC)
Entries 3514448
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

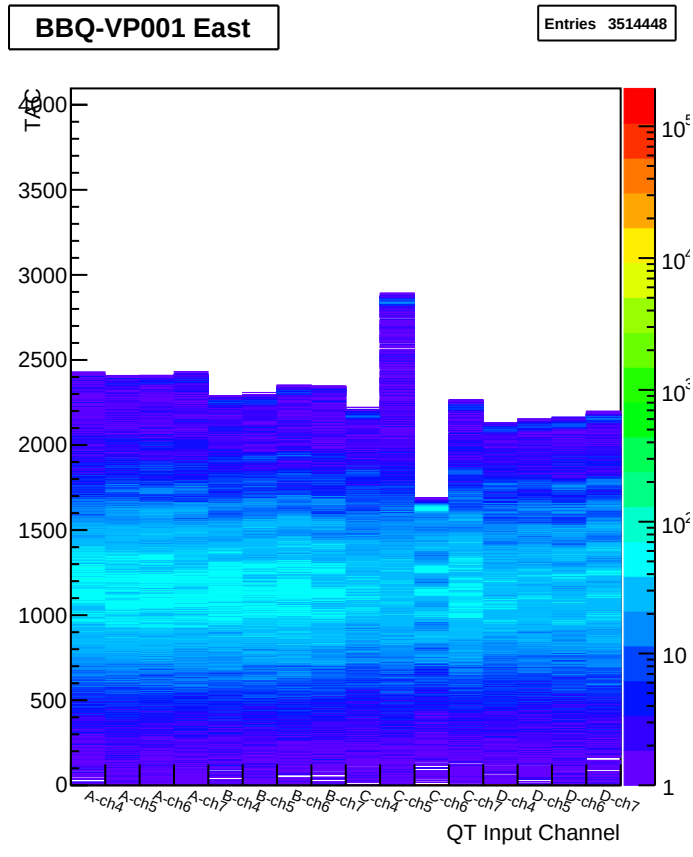

BBQ-BB002 (BBC west small tiles ADC)
Entries 3514448
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

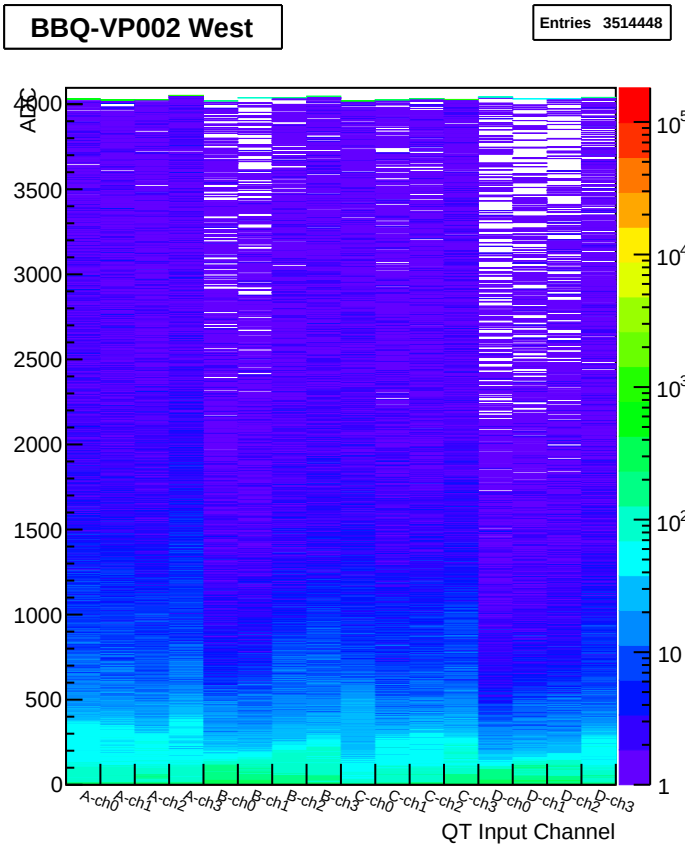

BBQ-BB002 (BBC west small tiles TAC)
Entries 3514448
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

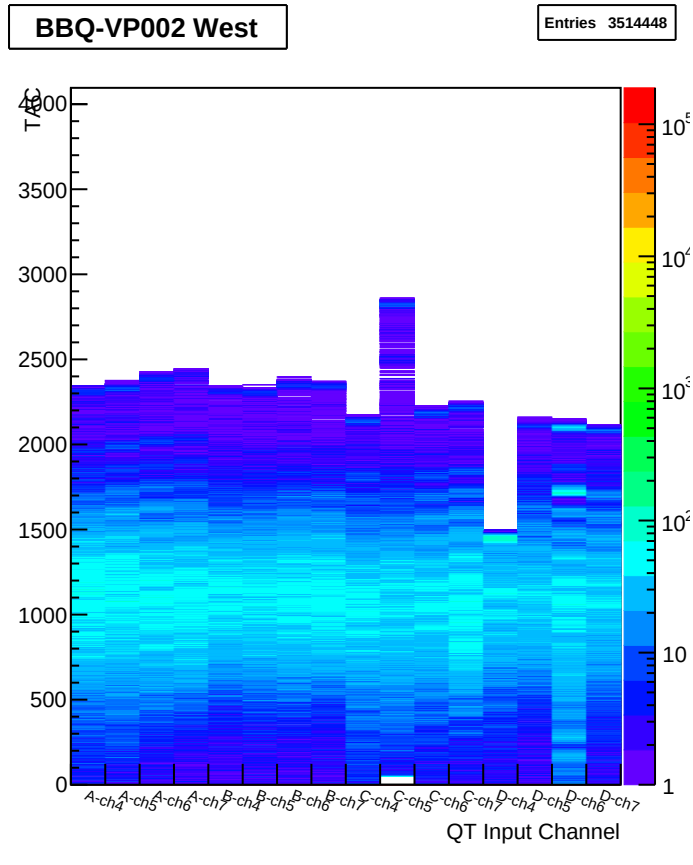

BBQ-ZD001 (ZDC TOWER)
Entries 3514448
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

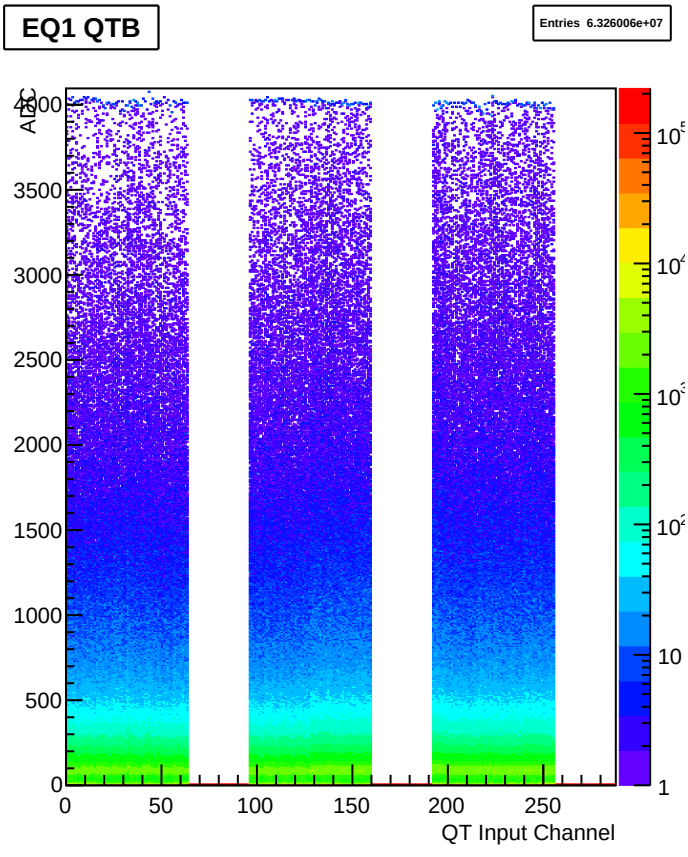

BBQ-ZD001 (ZDC TOWER)
Entries 3514448
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

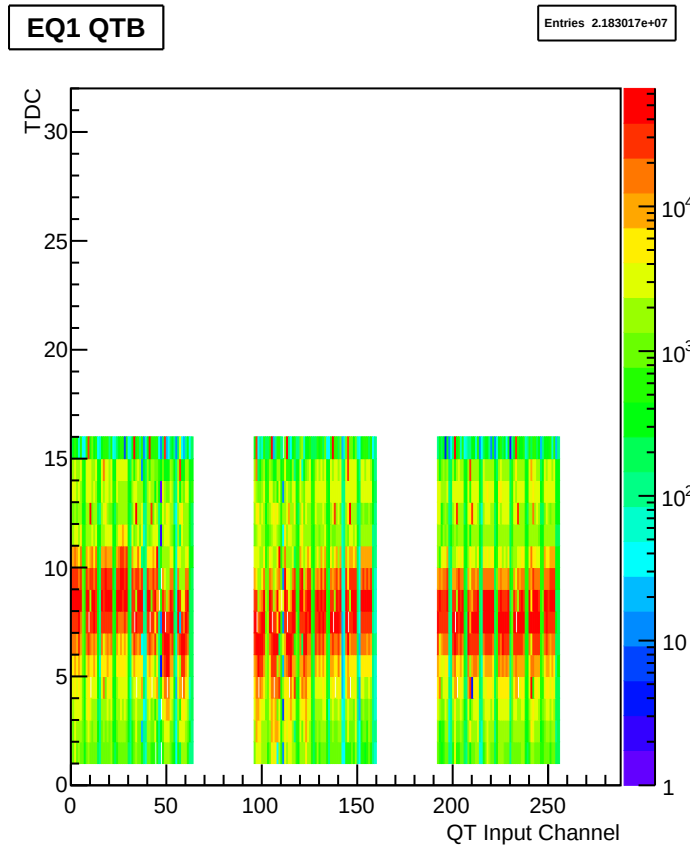

BBQ-VP001 East
Entries 3514448
ADC
QT Input Channel

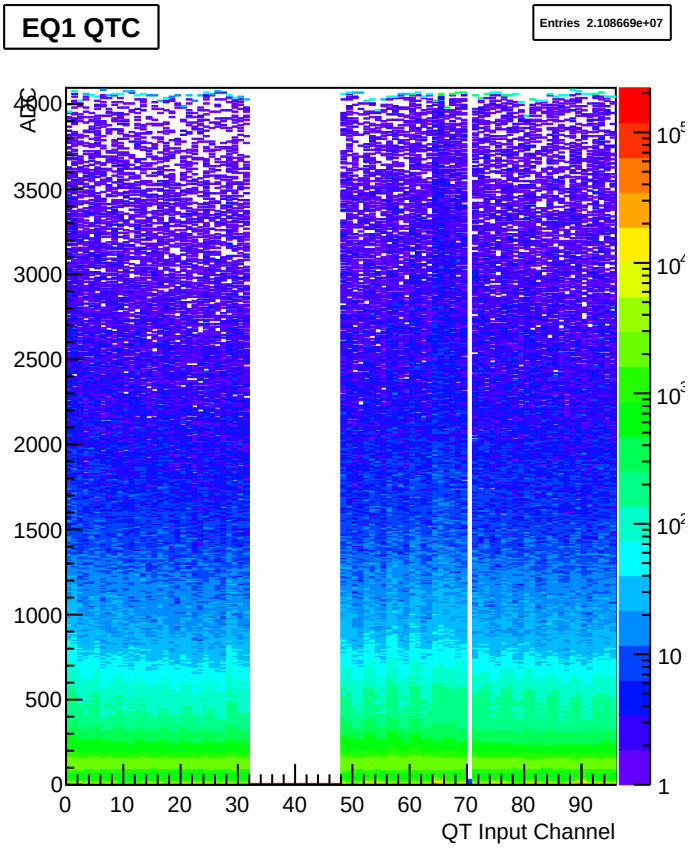

BBQ-VP001 East
Entries 3514448
TAC
QT Input Channel

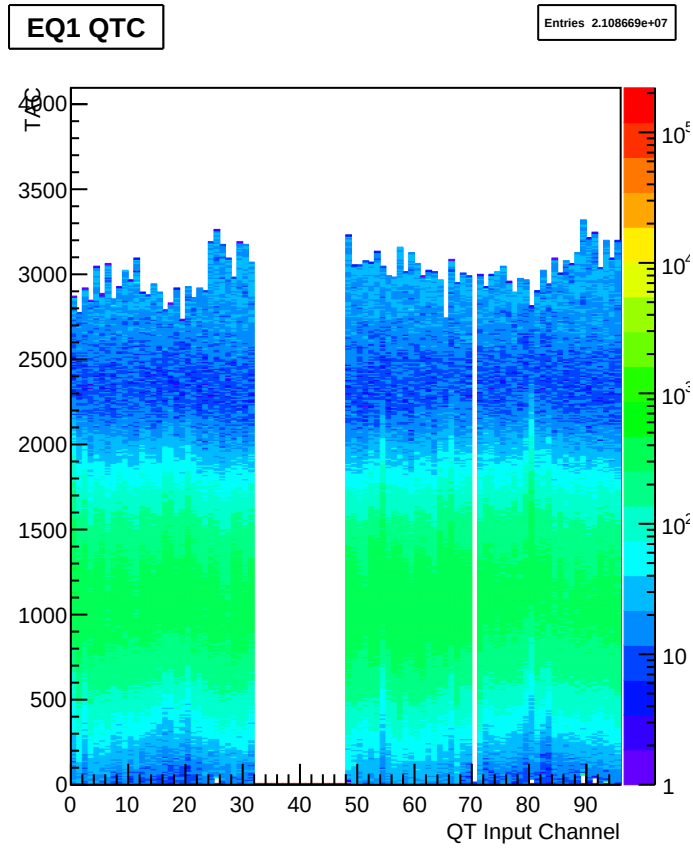

BBQ-VP002 West
Entries 3514448
ADC
QT Input Channel

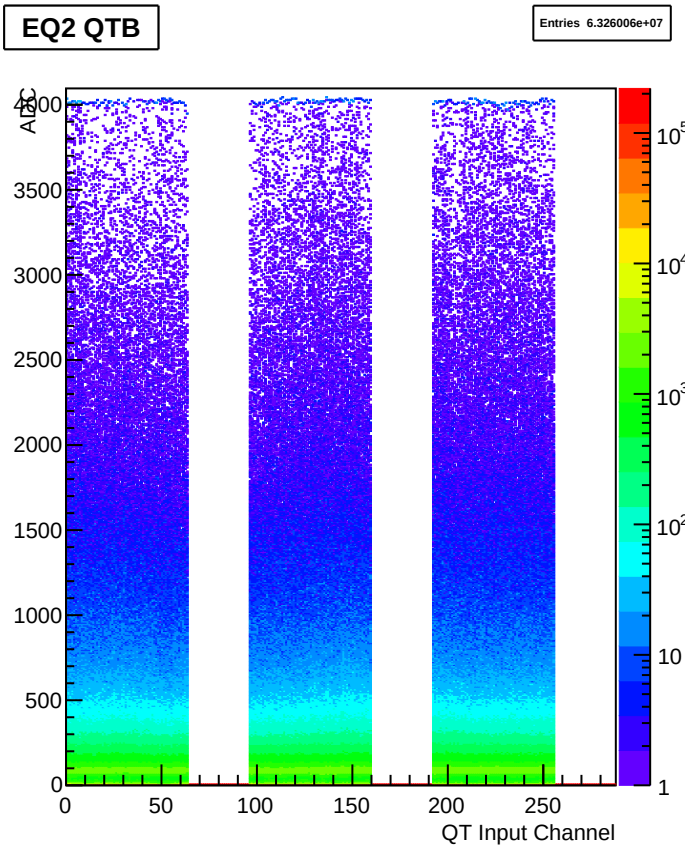

BBQ-VP002 West
Entries 3514448
TAC
QT Input Channel

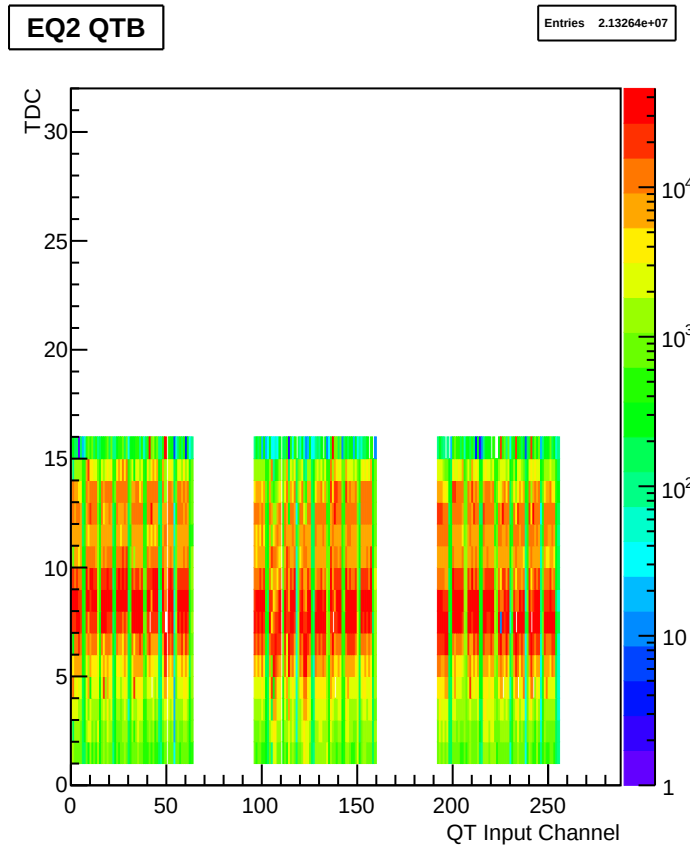

EQ1 QTB
Entries 6.326006e+07
ADC
QT Input Channel

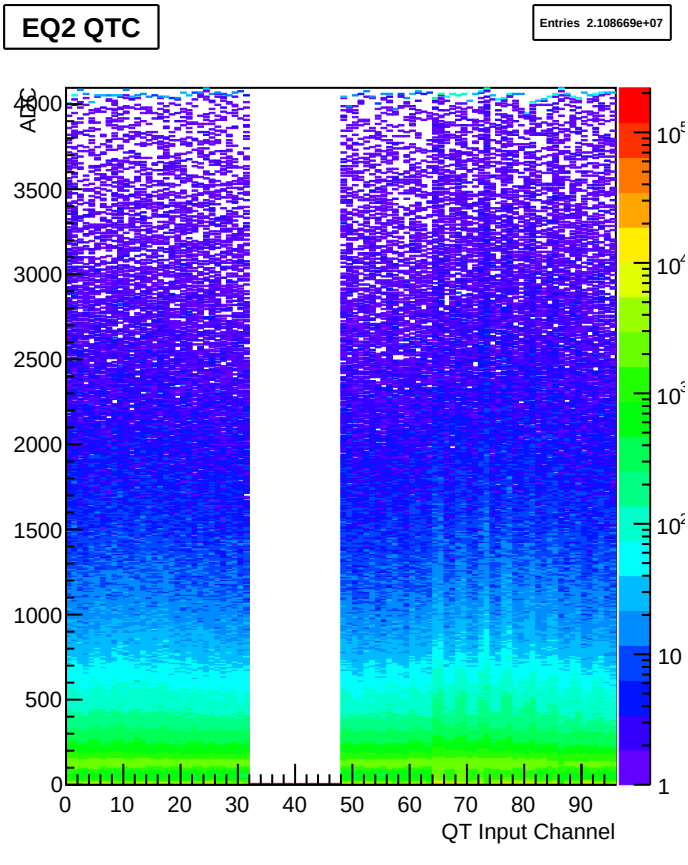

EQ1 QTB
Entries 2.183017e+07
TDC
QT Input Channel

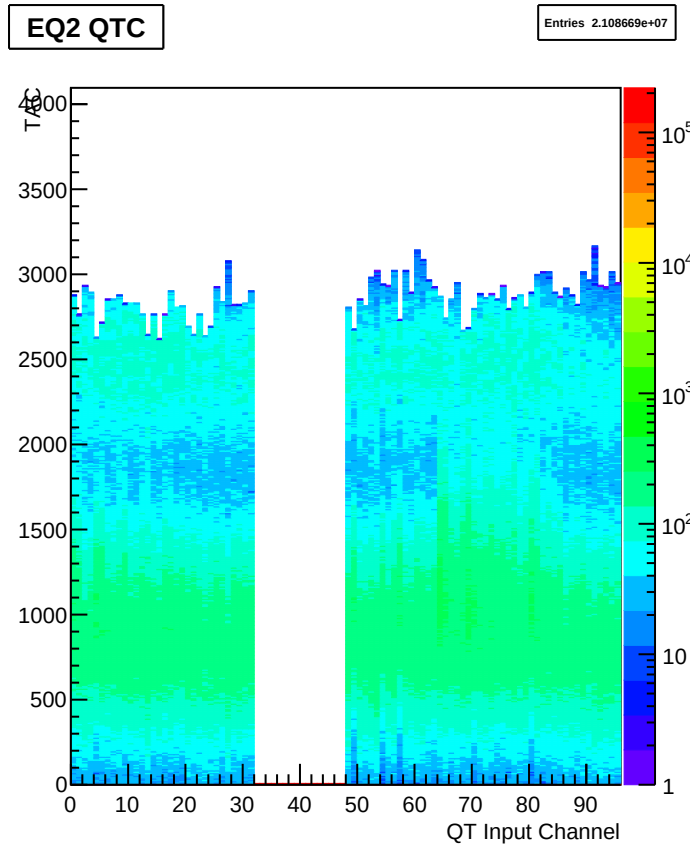

EQ1 QTC
Entries 2.108669e+07
ADC
QT Input Channel

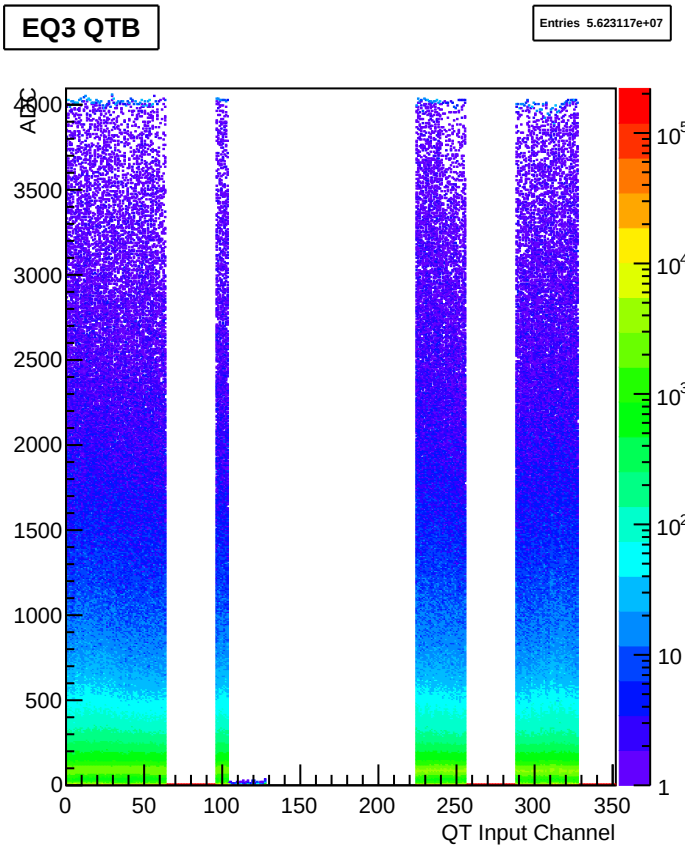

EQ1 QTC
Entries 2.108669e+07
TADC
QT Input Channel

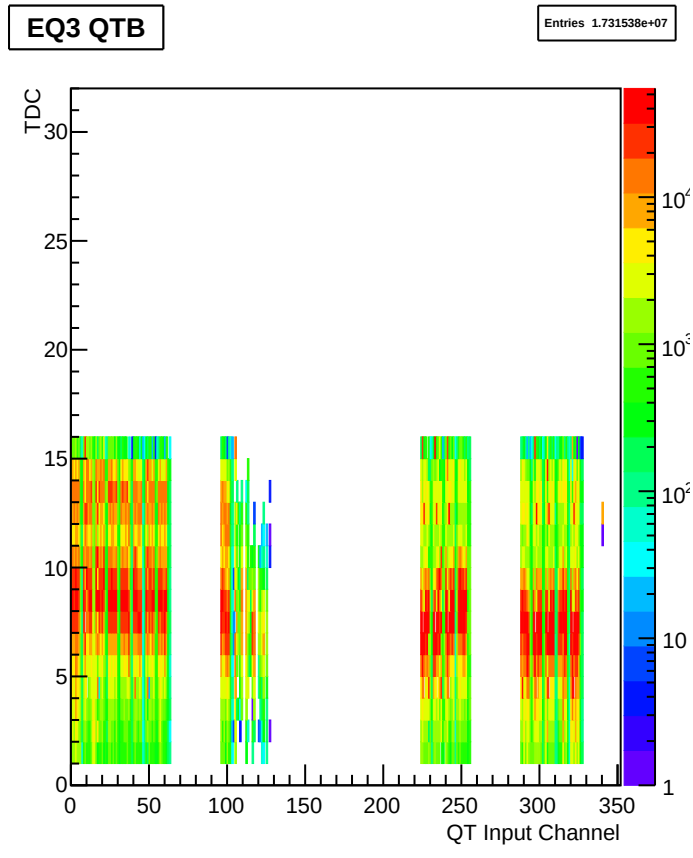

EQ2 QTB
Entries 6.326006e+07
ADC
QT Input Channel

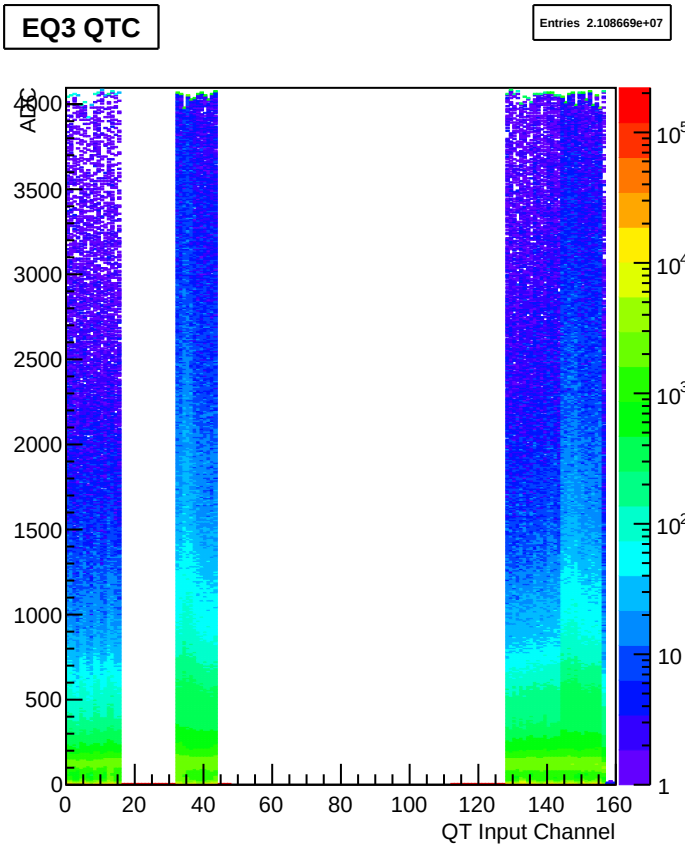

EQ2 QTB
Entries 2.13264e+07
TDC
QT Input Channel

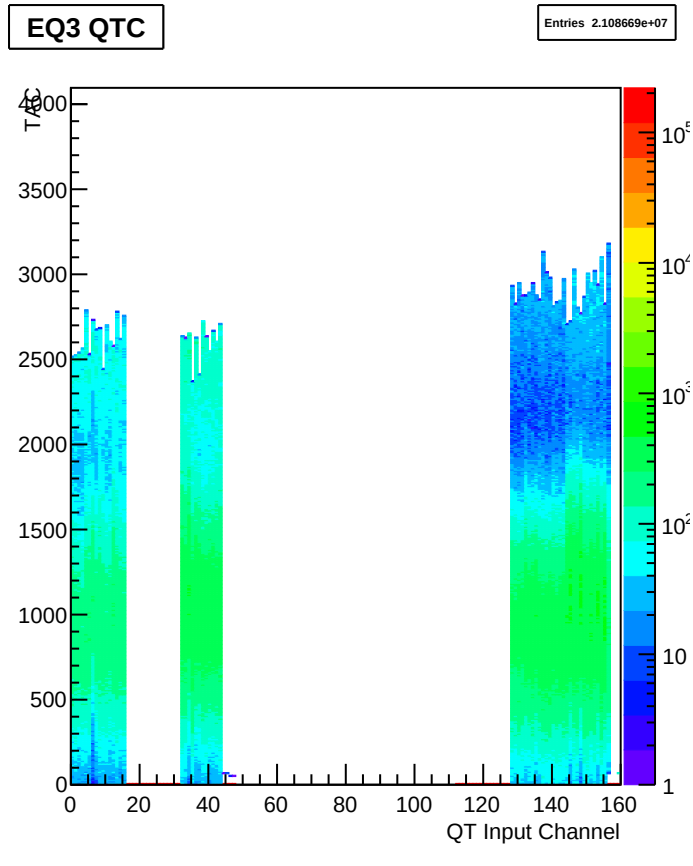

EQ2 QTC
Entries 2.108669e+07
ADC
QT Input Channel

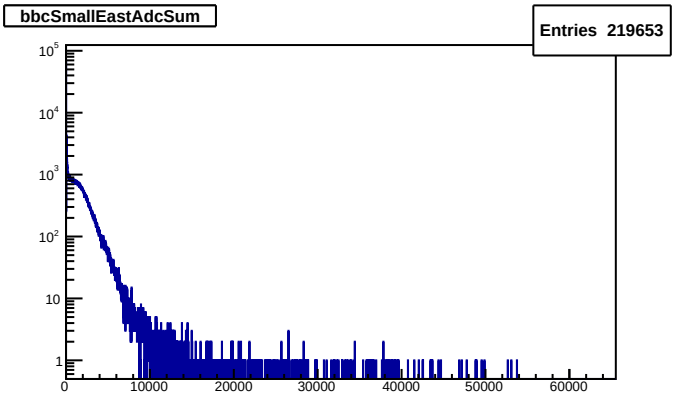

EQ2 QTC
Entries 2.108669e+07
TADC
QT Input Channel

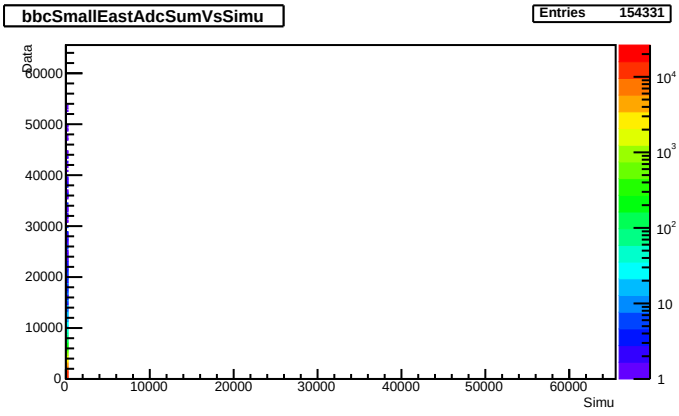

EQ3 QTB
Entries 5.623117e+07
ADC
QT Input Channel

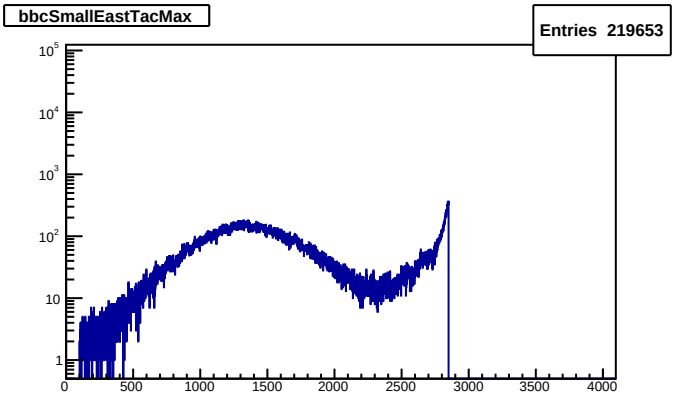

EQ3 QTB
Entries 1.731538e+07
TDC
QT Input Channel

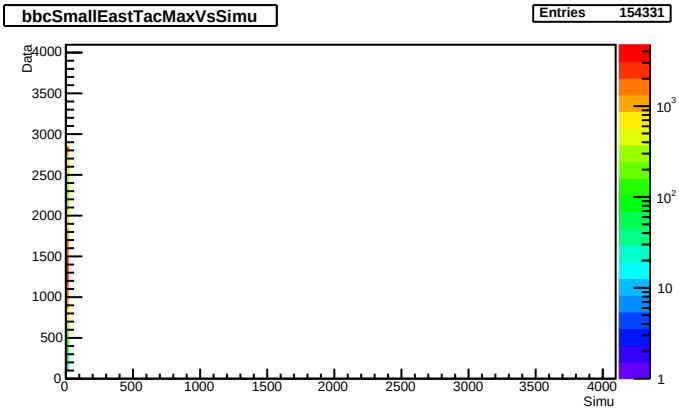

EQ3 QTC
Entries 2.108669e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.108669e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 219653


bbcSmallEastAdcSumVsSimu
Entries 154331
Data
Simu


bbcSmallEastTacMax
Entries 219653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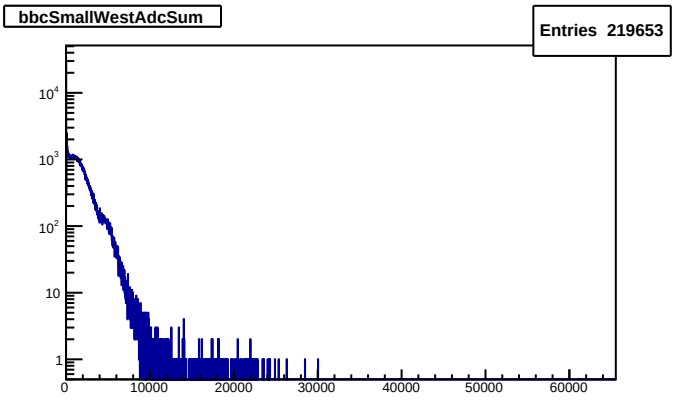
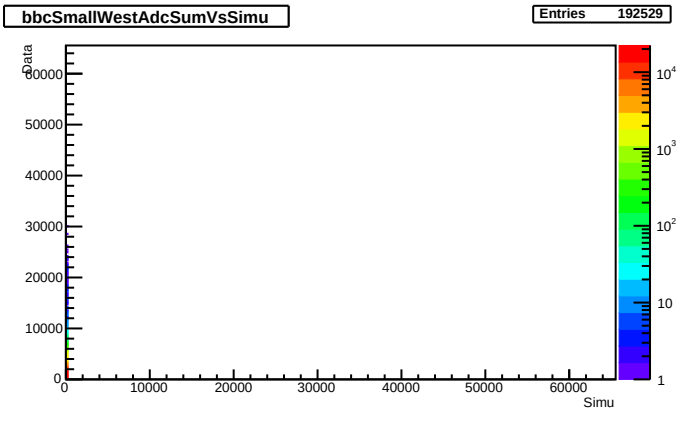
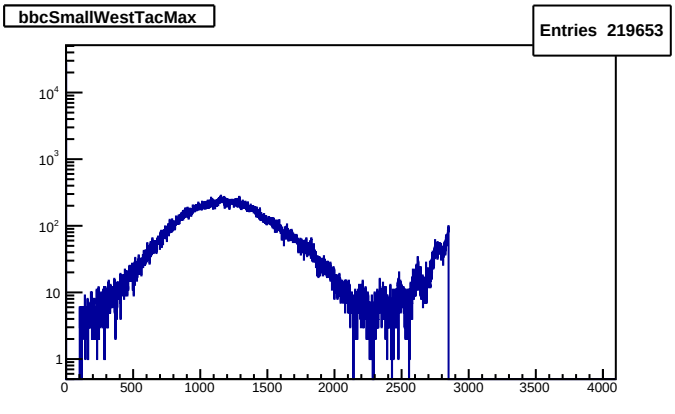
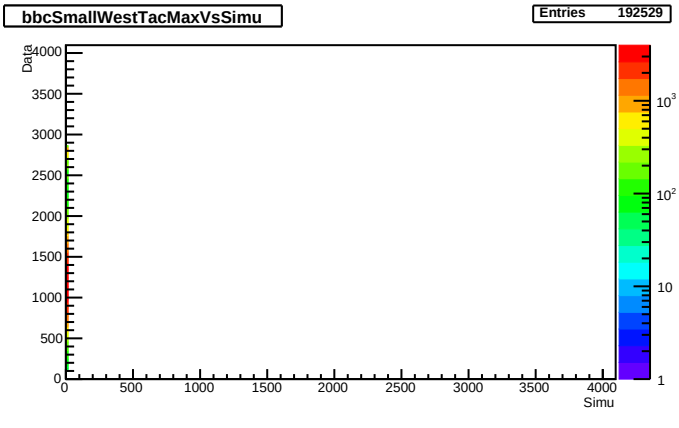
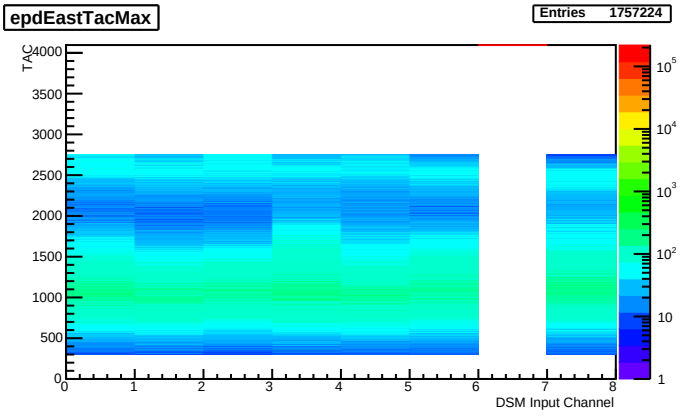
Entries 154331
Data
Simu

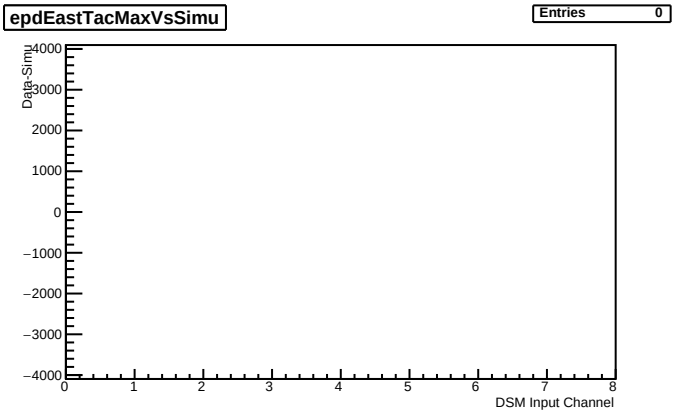

bbcSmallWestAdcSum
Entries 219653


bbcSmallWestAdcSumVsSimu
Entries 192529
Data
Simu


bbcSmallWestTacMax
Entries 219653


bbcSmallWestTacMaxVsSimu
Entries 192529
Data
Simu


epdEastTacMax
Entries 1757224
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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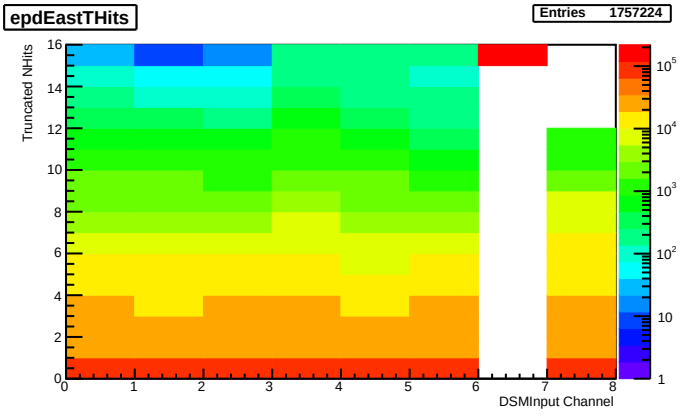
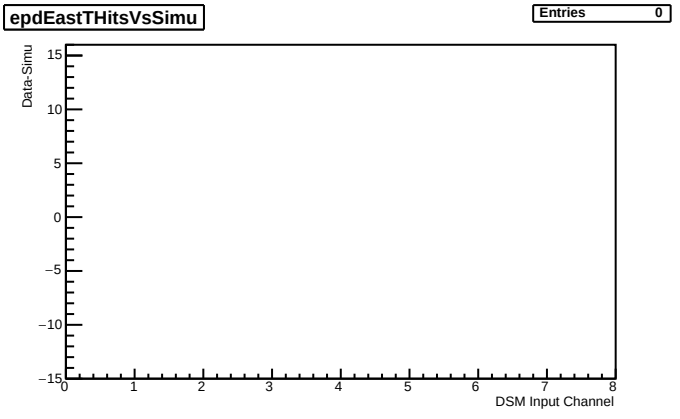
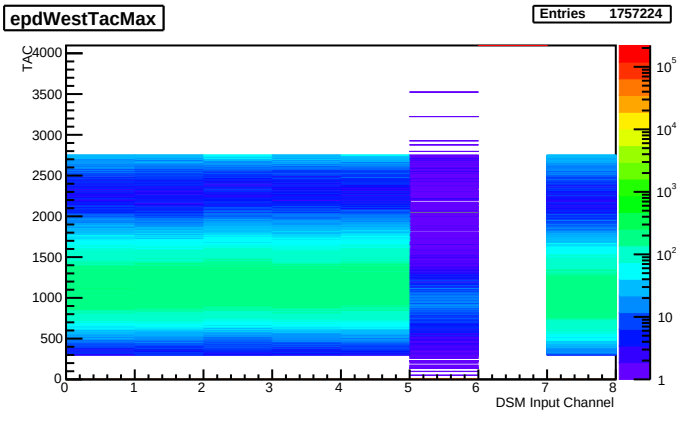
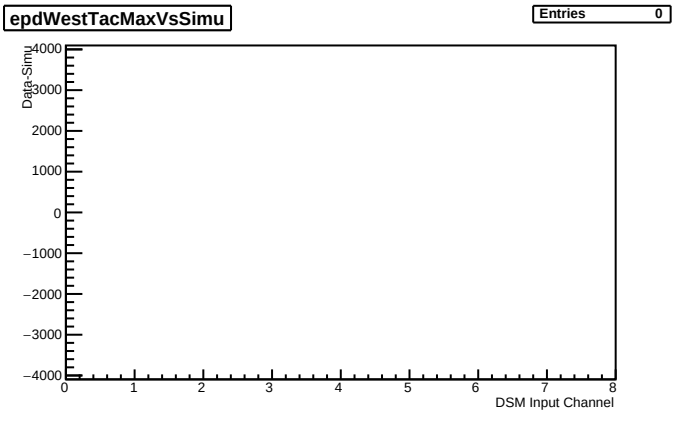
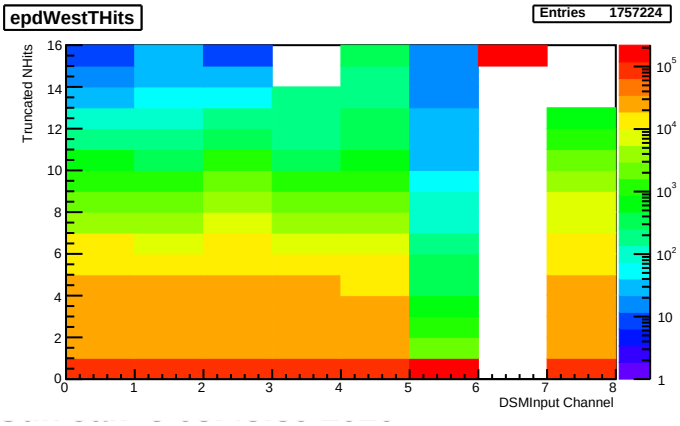
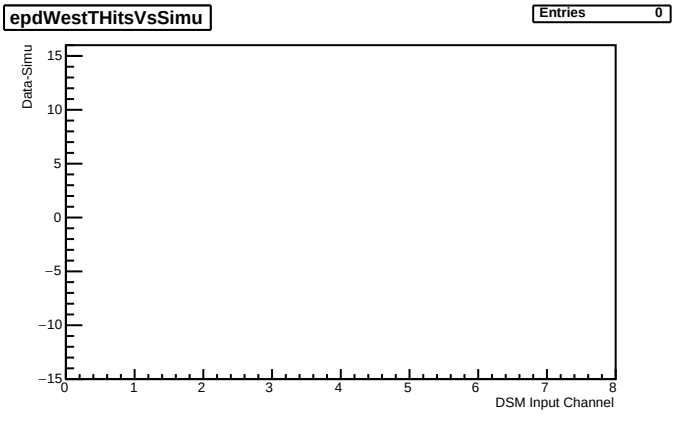

epdEastTHits
Entries 1757224
Truncated NHits
DSMInput Channel

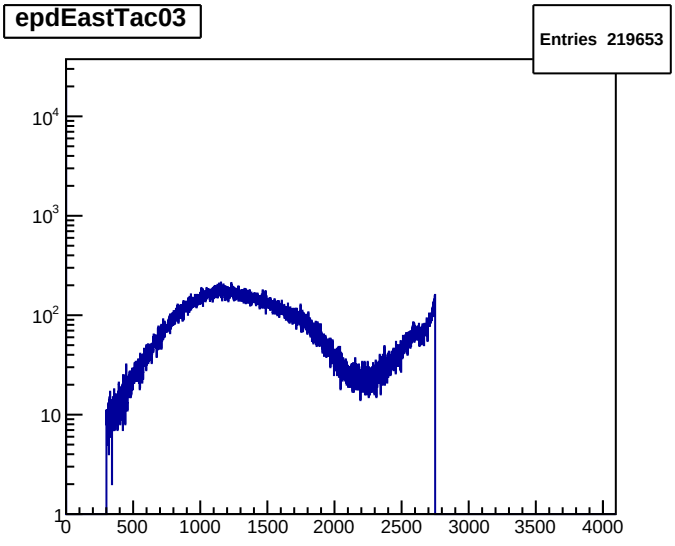

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

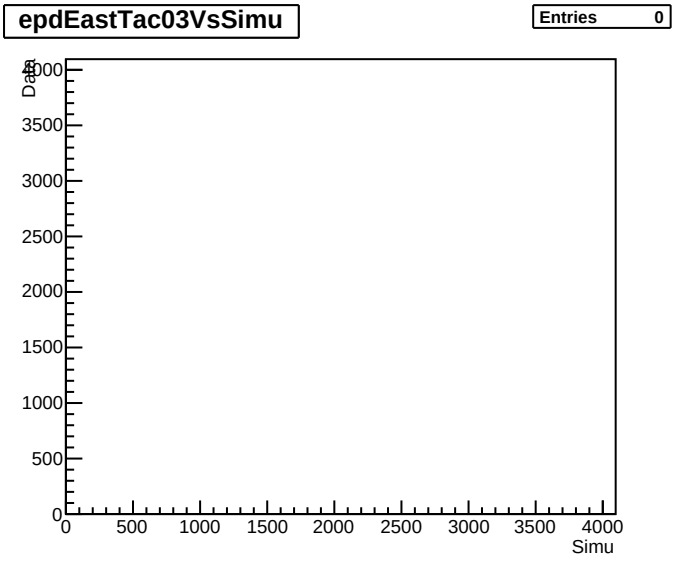

epdWestTacMax
Entries 1757224
TAC
DSM Input Channel

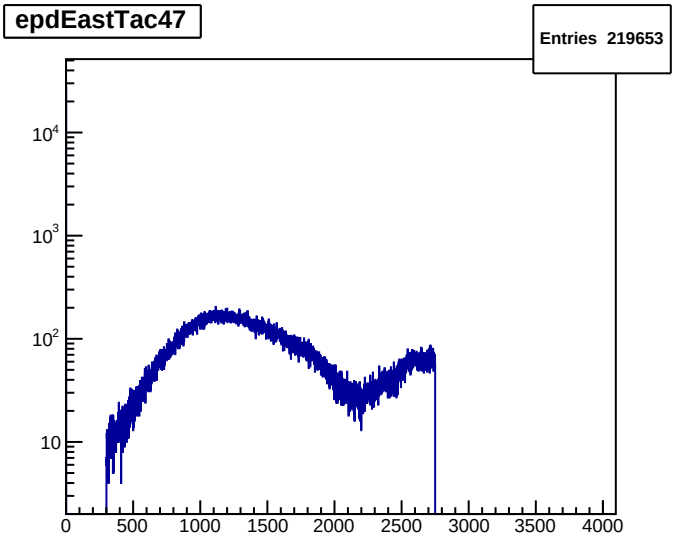

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

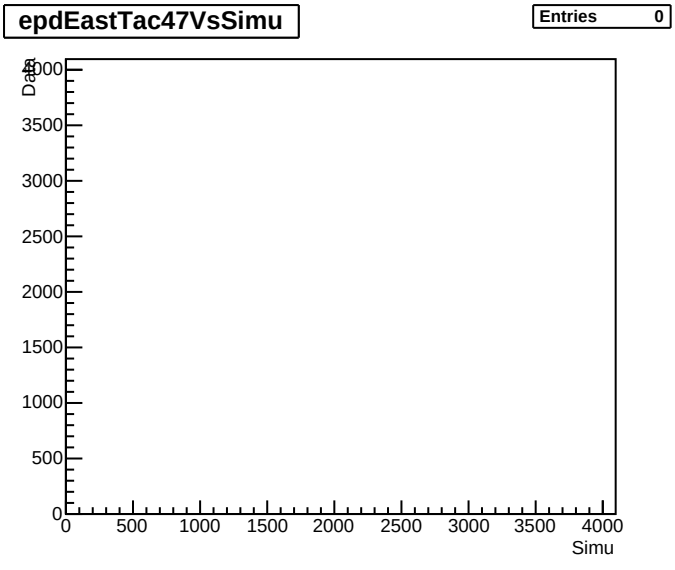

epdWestTHits
Entries 1757224
Truncated NHits
DSMInput Channel

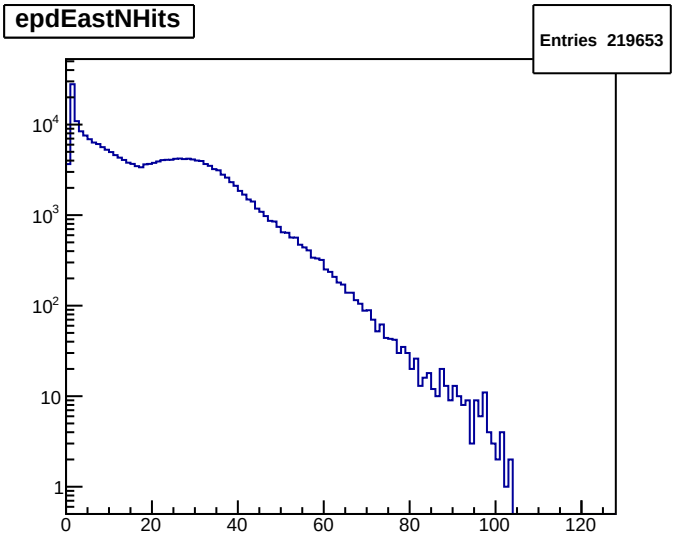

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

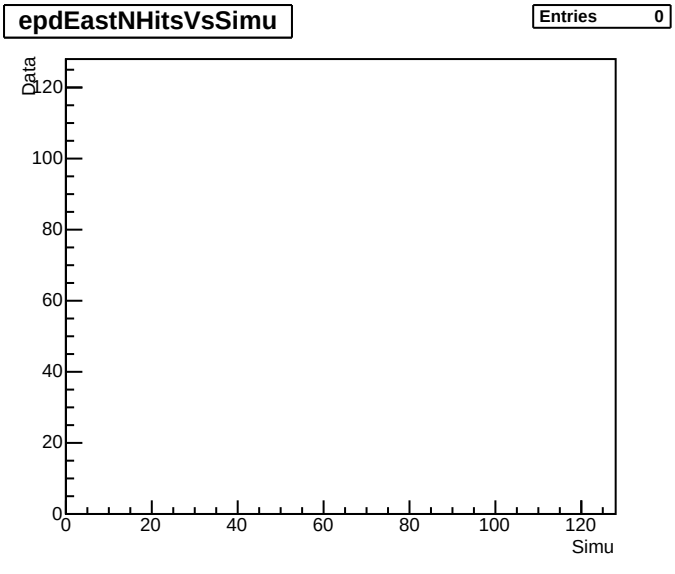

epdEastTac03
Entries 219653


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 219653


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 219653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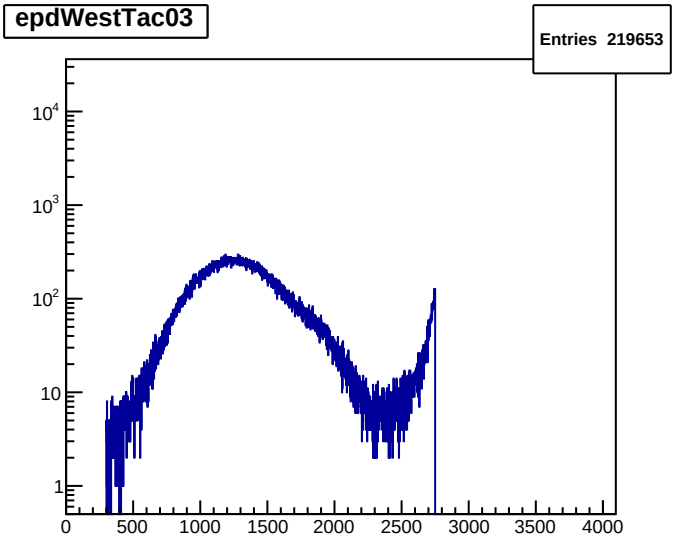
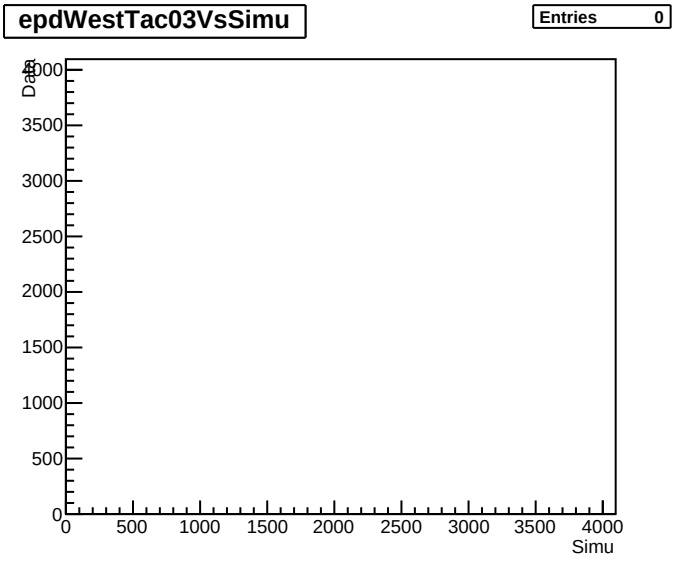
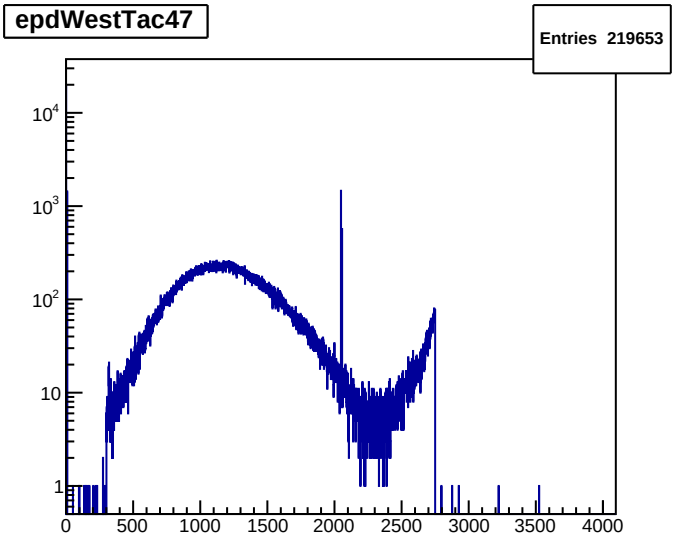
Entries 0
Data
Simu


epdWestTac03
Entries 219653


epdWestTac03VsSimu
Entries 0
Data
Simu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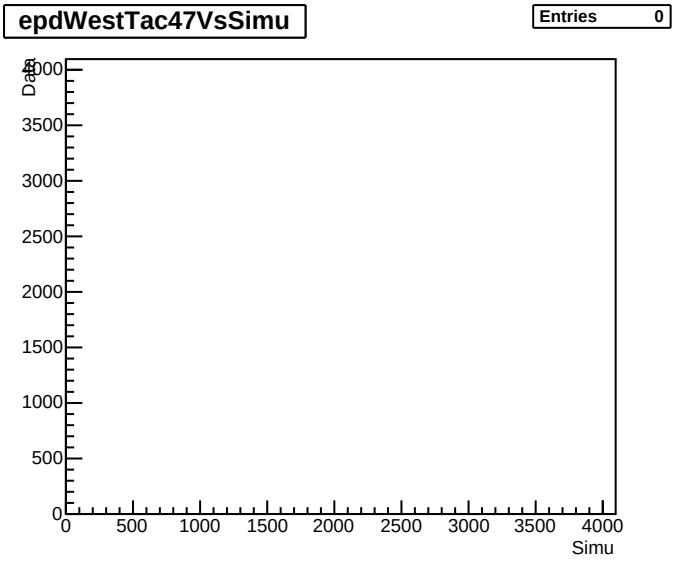
Entries 219653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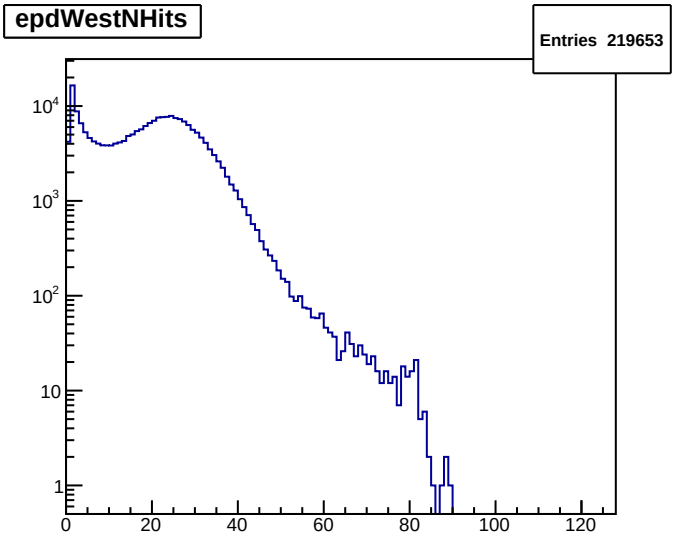
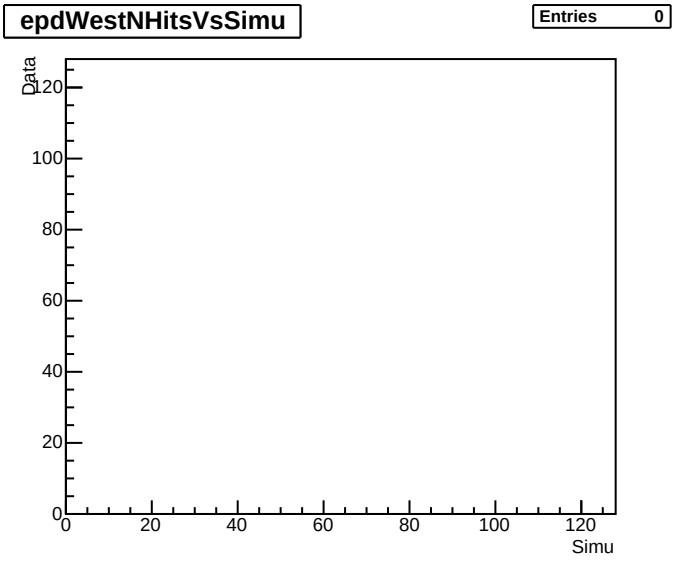
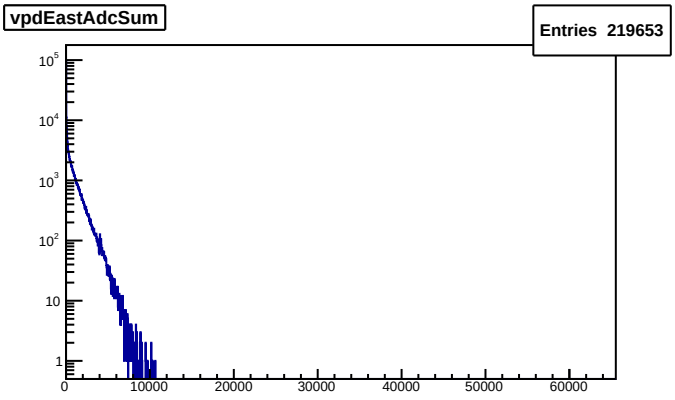
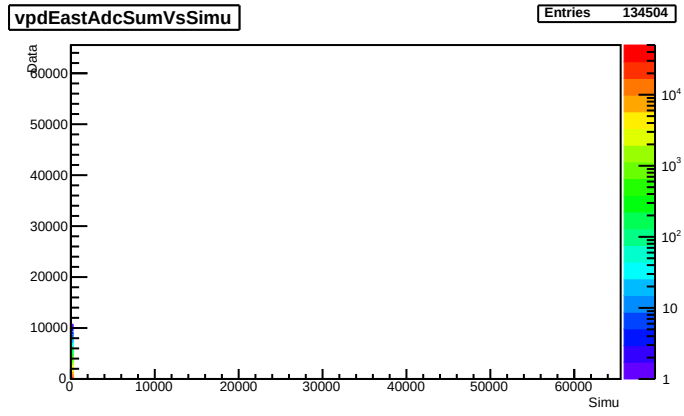
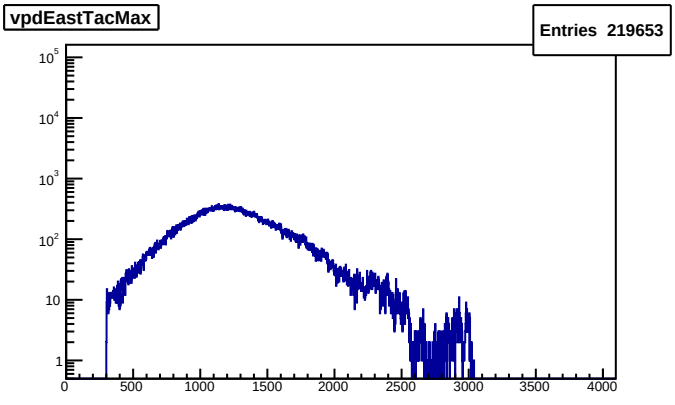
Entries 0
Data
Simu

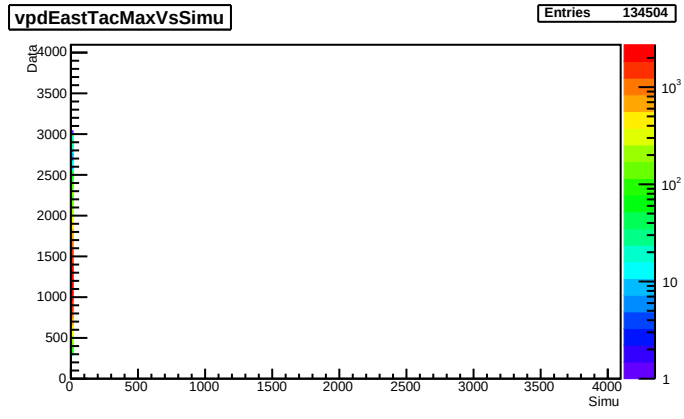

epdWestNHits
Entries 219653

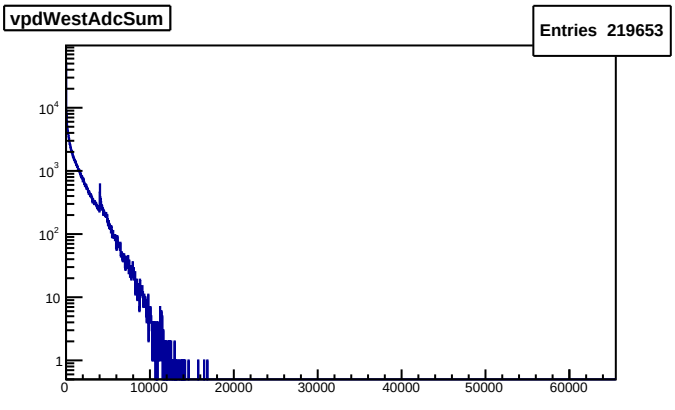

epdWestNHitsVsSimu
Entries 0
Data
Simu

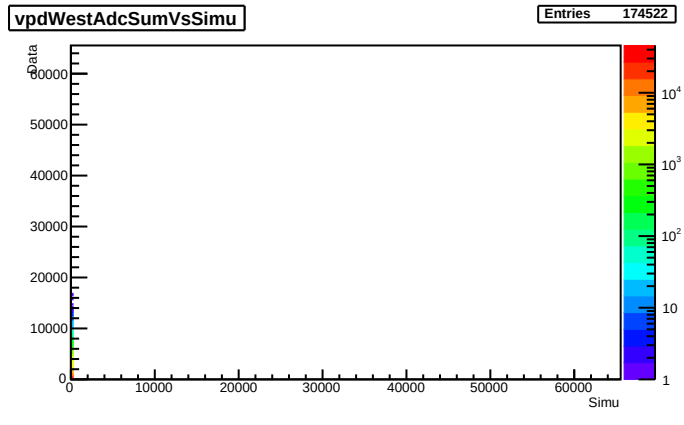

vpdEastAdcSum
Entries 219653

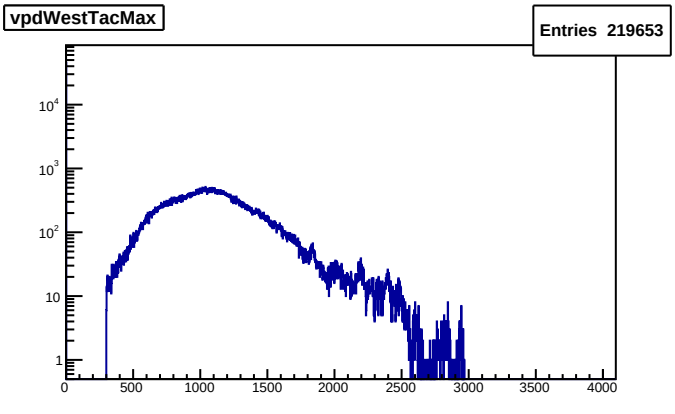

vpdEastAdcSumVsSimu
Entries 134504
Data
Simu

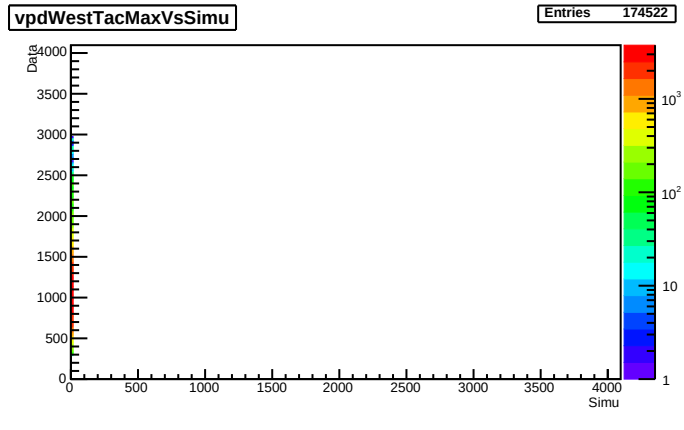

vpdEastTacMax
Entries 219653

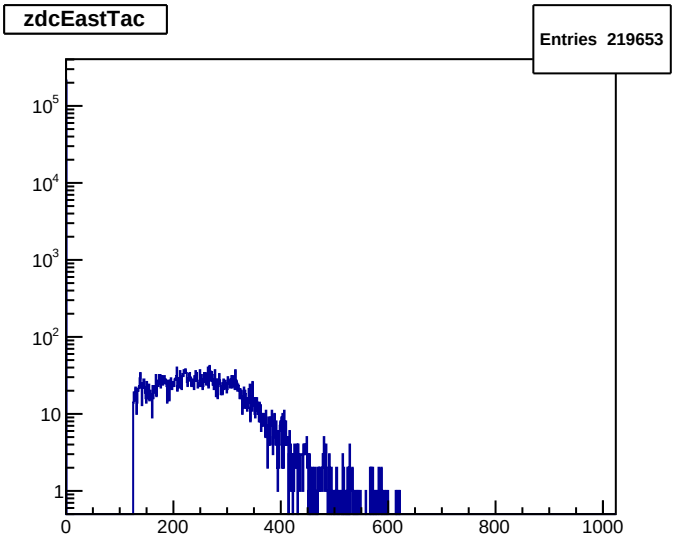

vpdEastTacMaxVsSimu
Entries 134504
Data
Simu

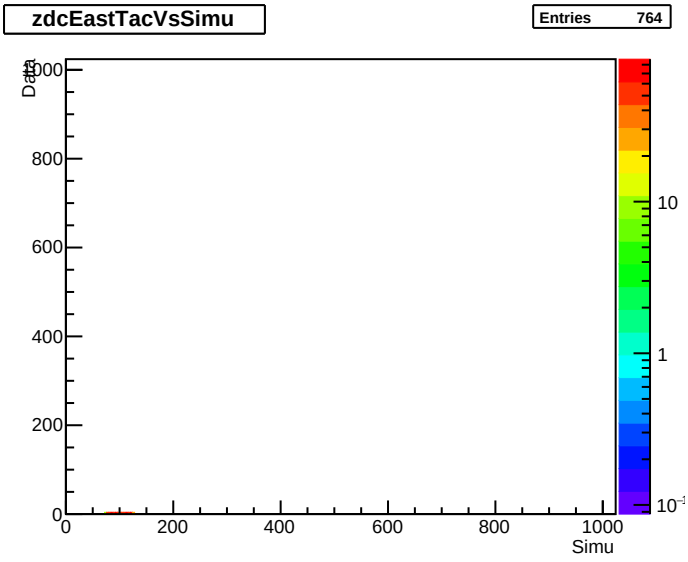

vpdWestAdcSum
Entries 219653

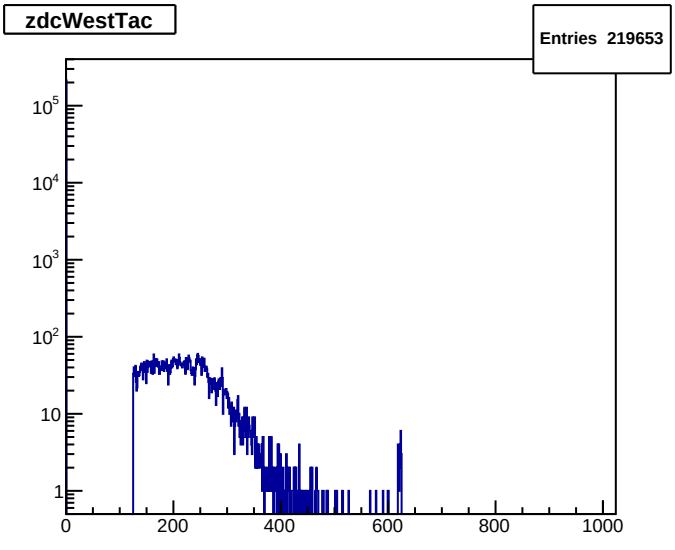

vpdWestAdcSumVsSimu
Entries 174522
Data
Simu

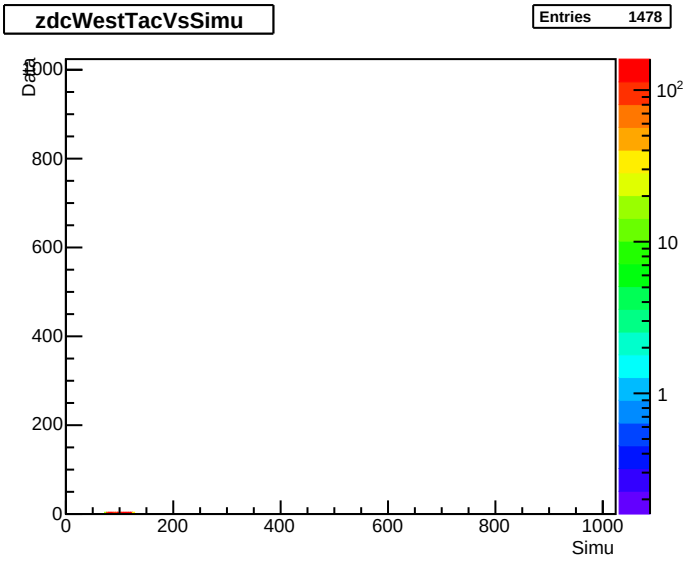

vpdWestTacMax
Entries 219653

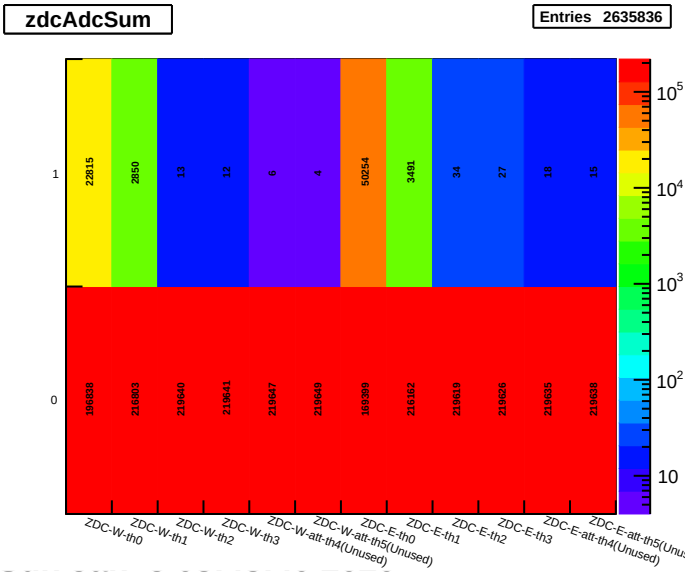

vpdWestTacMaxVsSimu
Entries 174522
Data
Simu

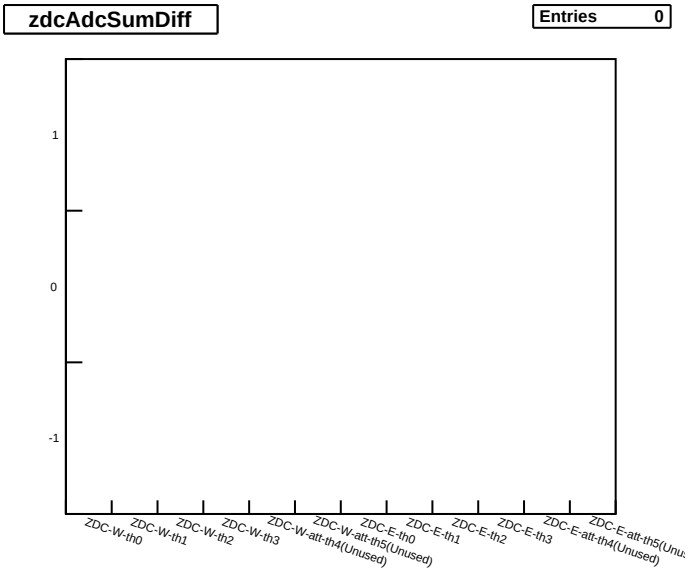

zdcEastTac
Entries 219653

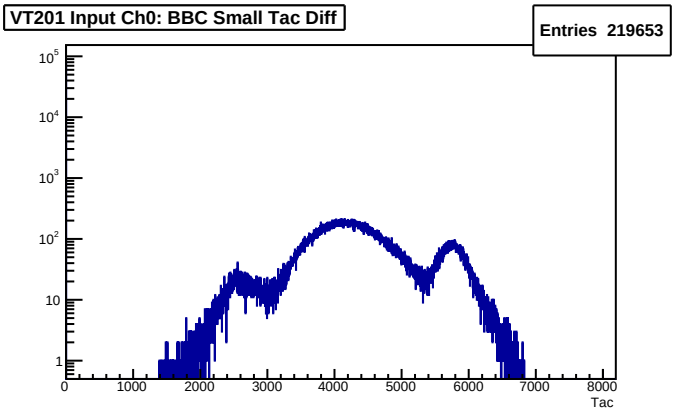

zdcEastTacVsSimu
Entries 764
Data
Simu

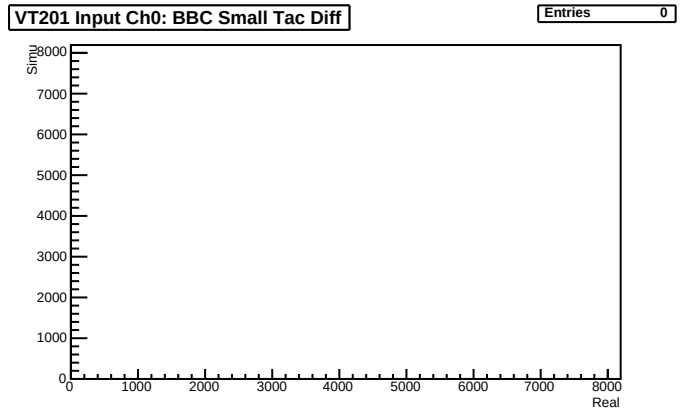

zdcWestTac
Entries 219653

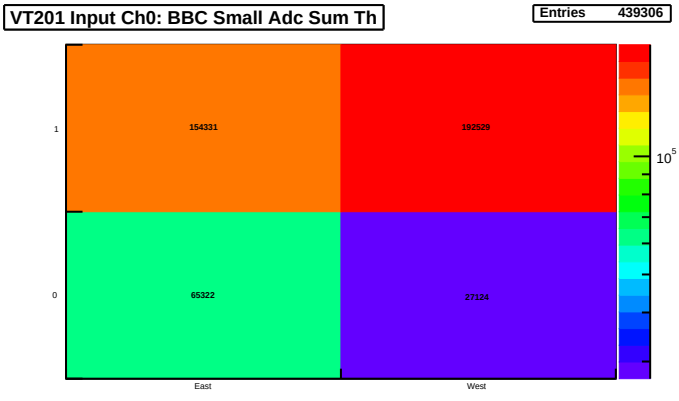

zdcWestTacVsSimu
Entries 1478
Data
Simu

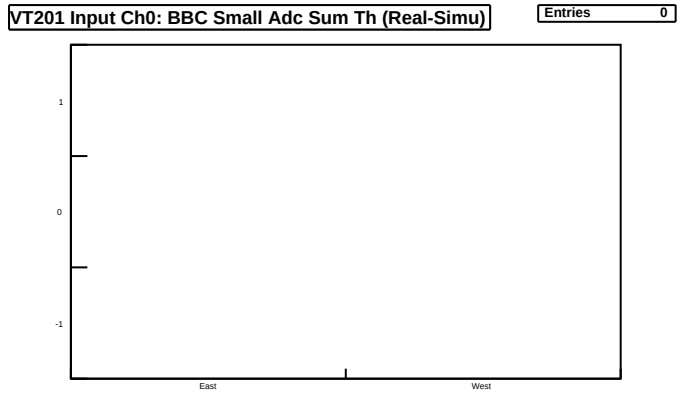

zdcAdcSum
Entries 2635836
22815
2850
13
12
6
4
50254
3491
34
27
18
15
196838
216803
219640
219641
219647
219649
169399
216162
219619
219626
219635
219638
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

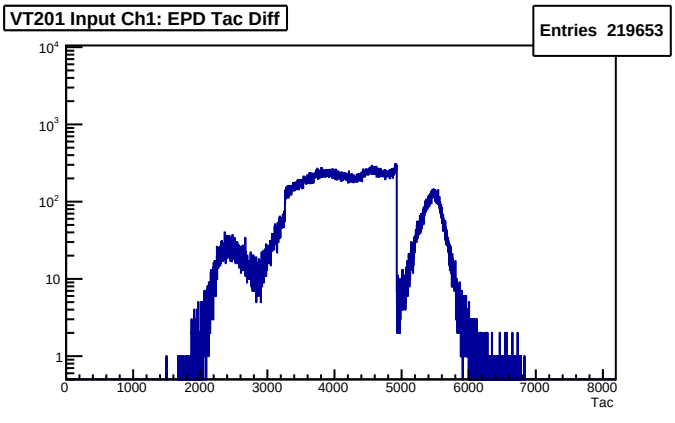

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

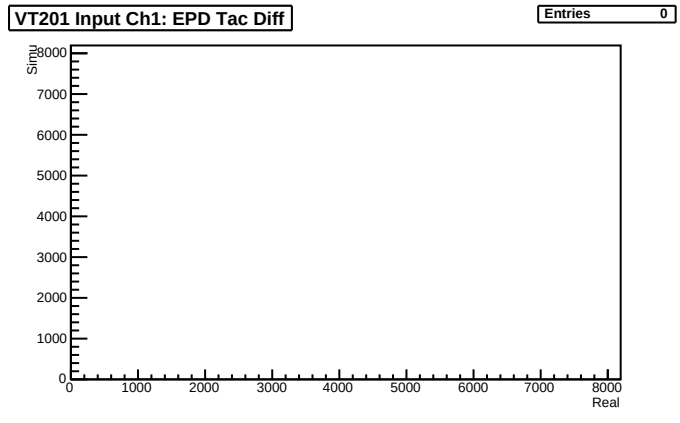

VT201 Input Ch0: BBC Small Tac Diff
Entries 219653
Tac

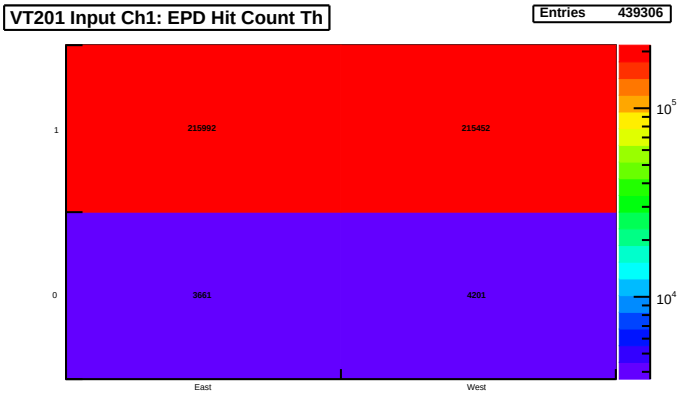

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

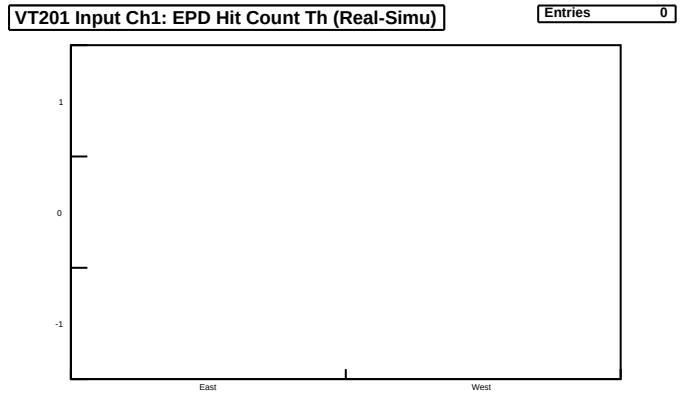

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 439306
154331
192529
65322
27124
East
West

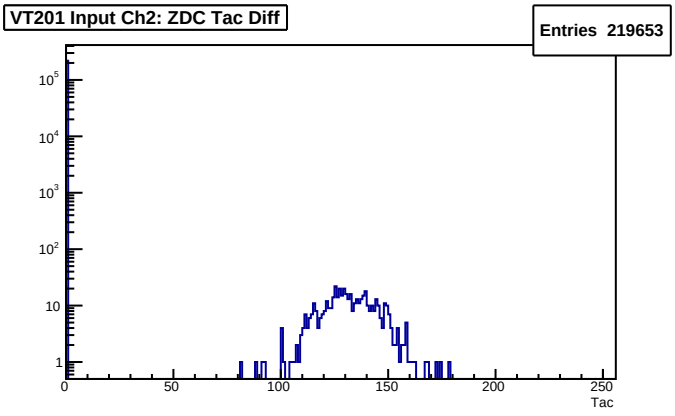

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

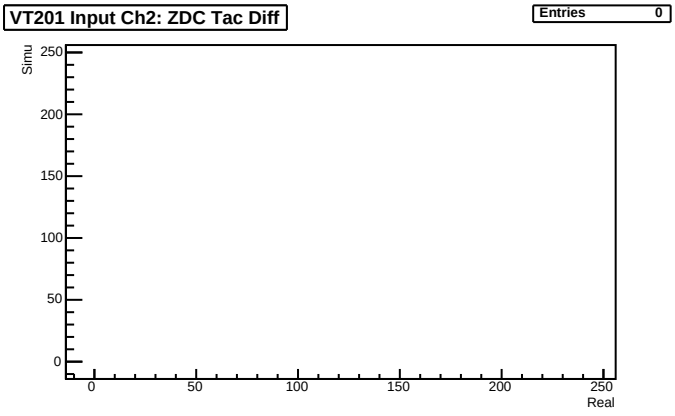

VT201 Input Ch1: EPD Tac Diff
Entries 219653
Tac

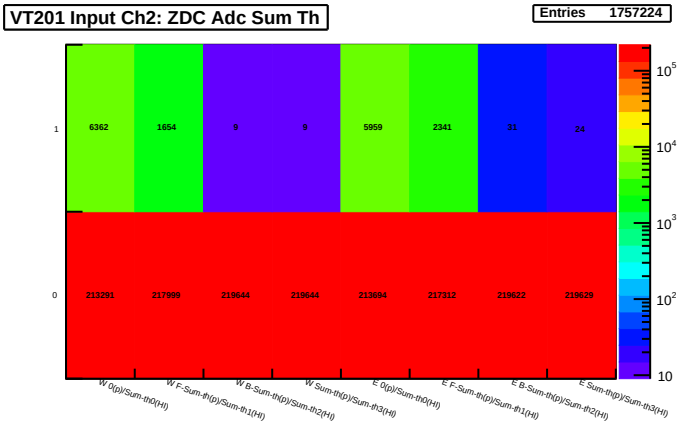

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

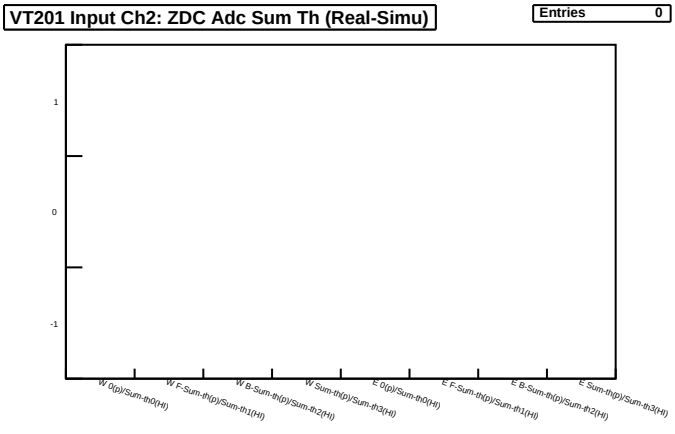

VT201 Input Ch1: EPD Hit Count Th
Entries 439306
215992
215452
3661
4201
East
West

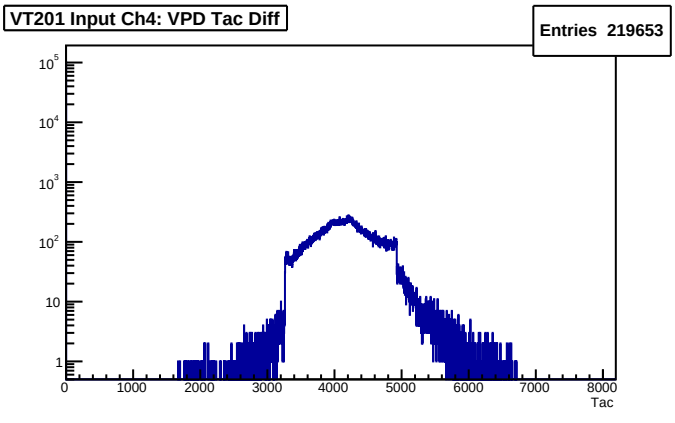

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

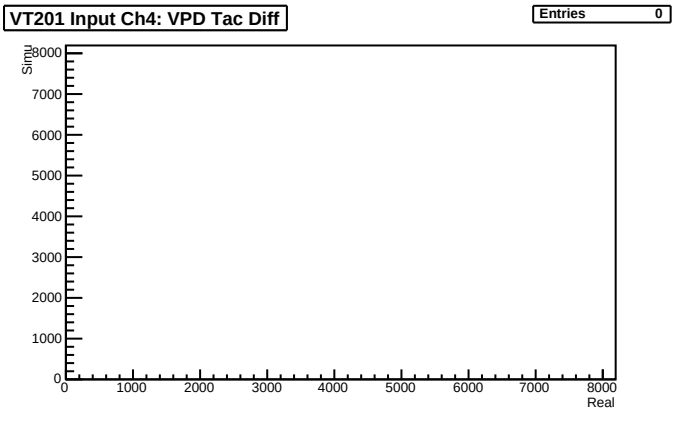

VT201 Input Ch2: ZDC Tac Diff
Entries 219653
Tac

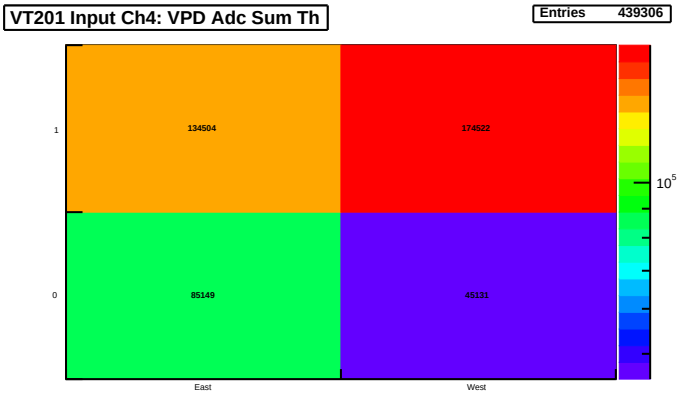

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

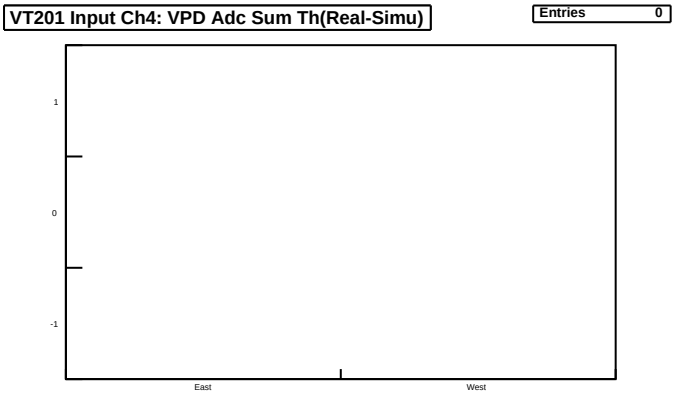

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1757224
6362
1654
9
9
5959
2341
31
24
213291
217999
219644
219644
213694
217312
219622
219629
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

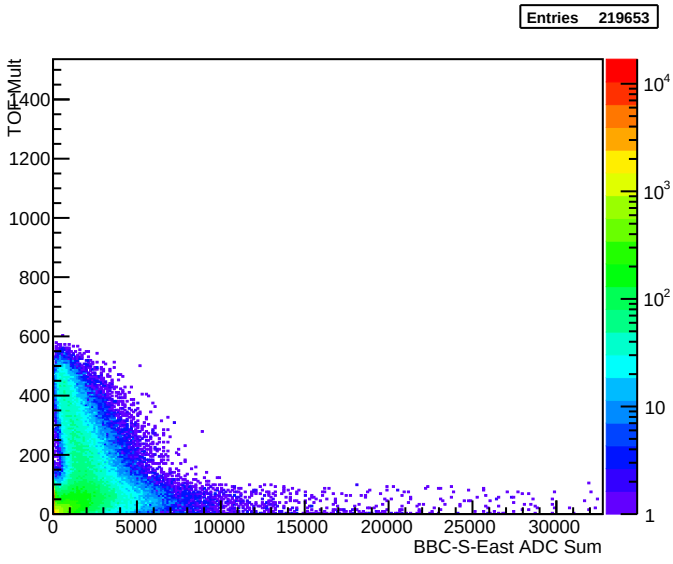

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

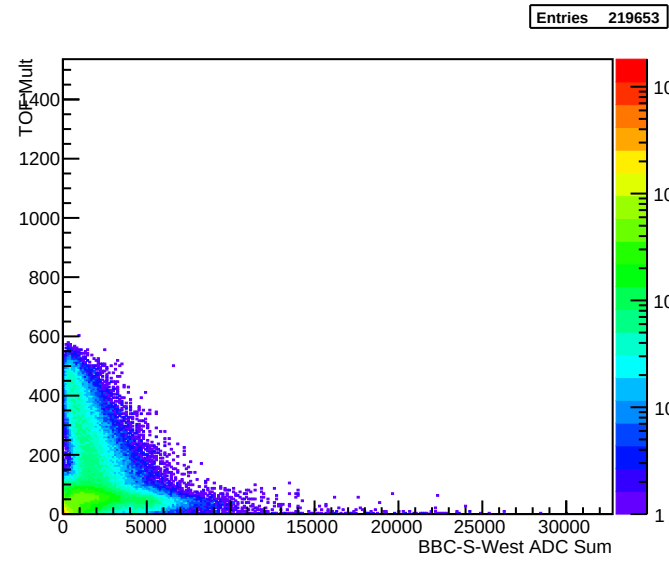

VT201 Input Ch4: VPD Tac Diff
Entries 219653
Tac

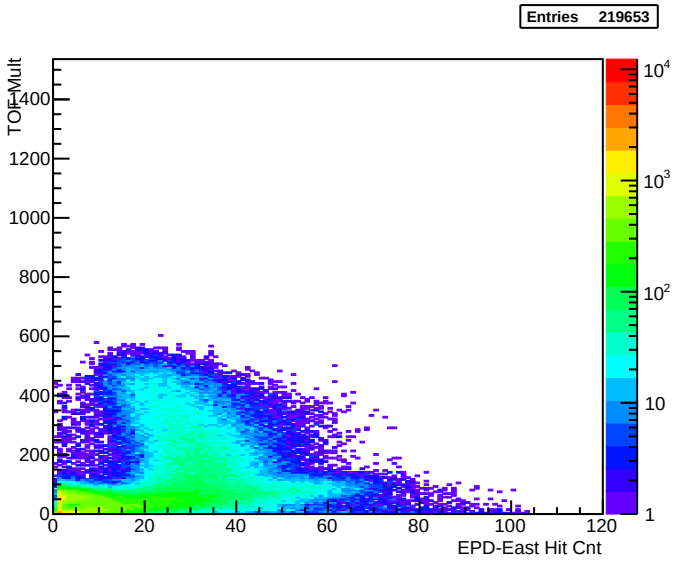

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

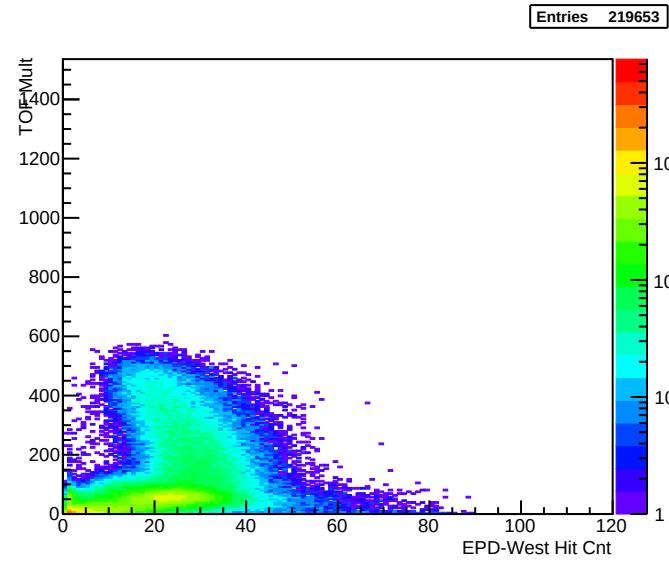

VT201 Input Ch4: VPD Adc Sum Th
Entries 439306
134504
174522
85149
45131
East
West

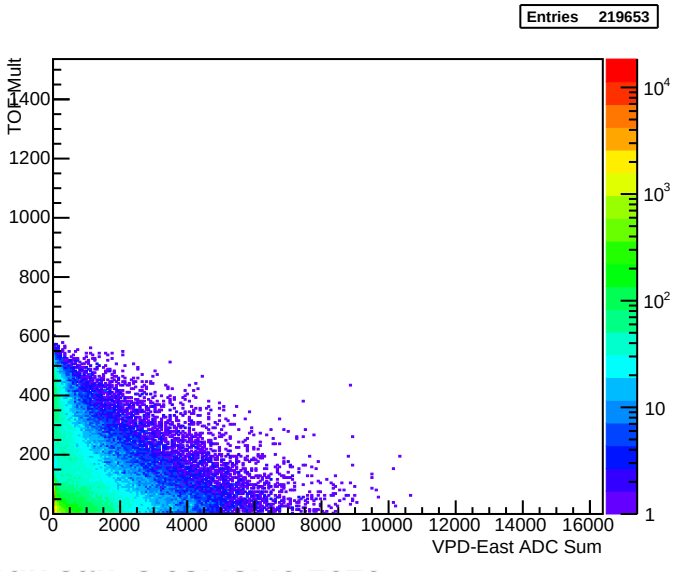

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

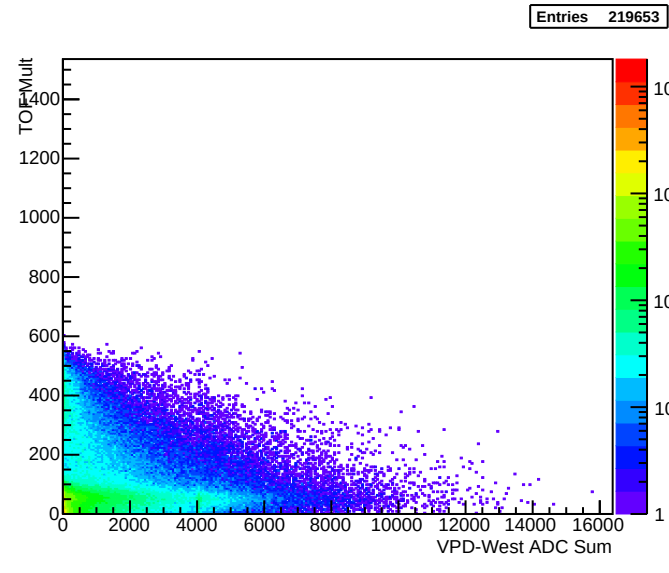

Entries 219653
TOF-Mult
BBC-S-East ADC Sum

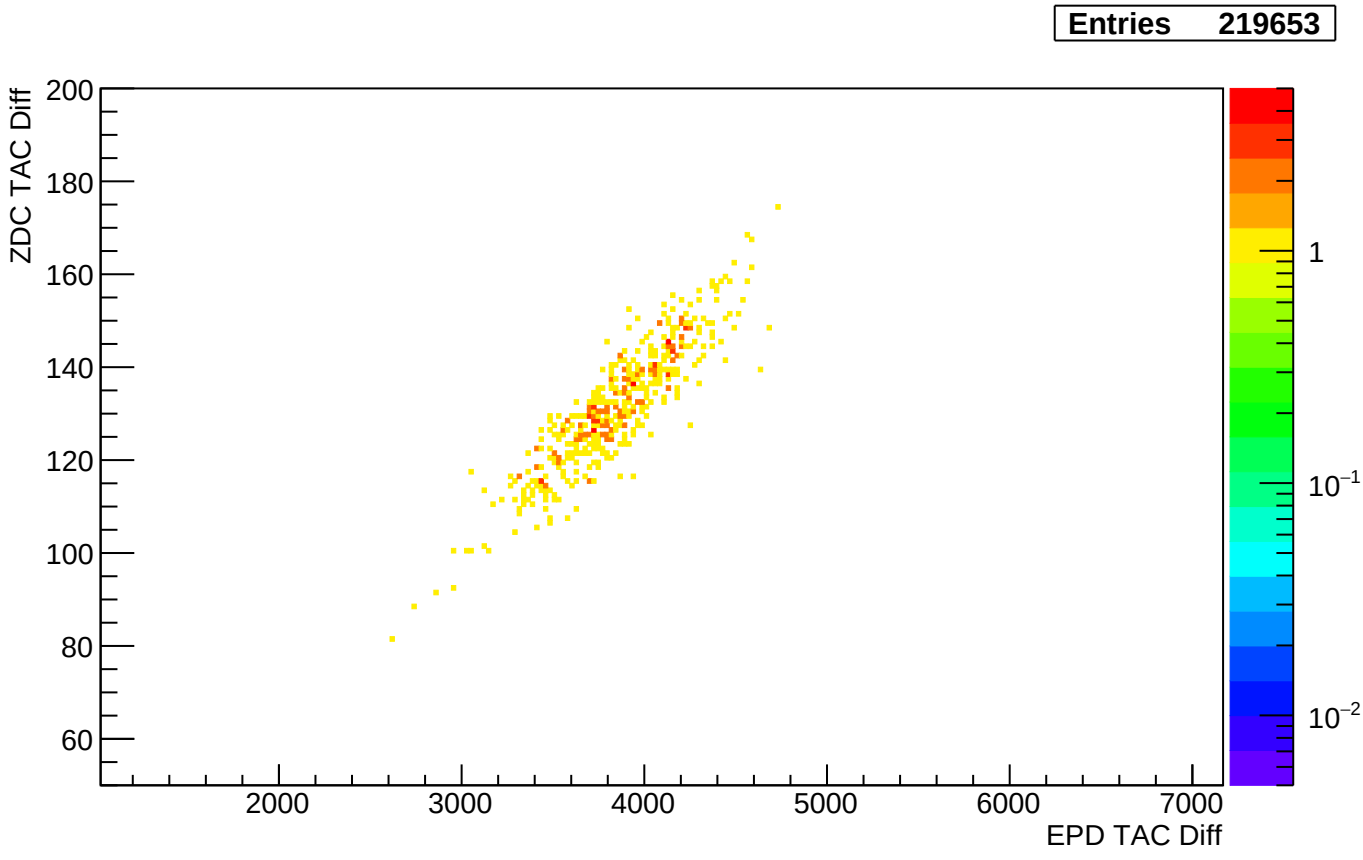

Entries 219653
TOF-Mult
BBC-S-West ADC Sum

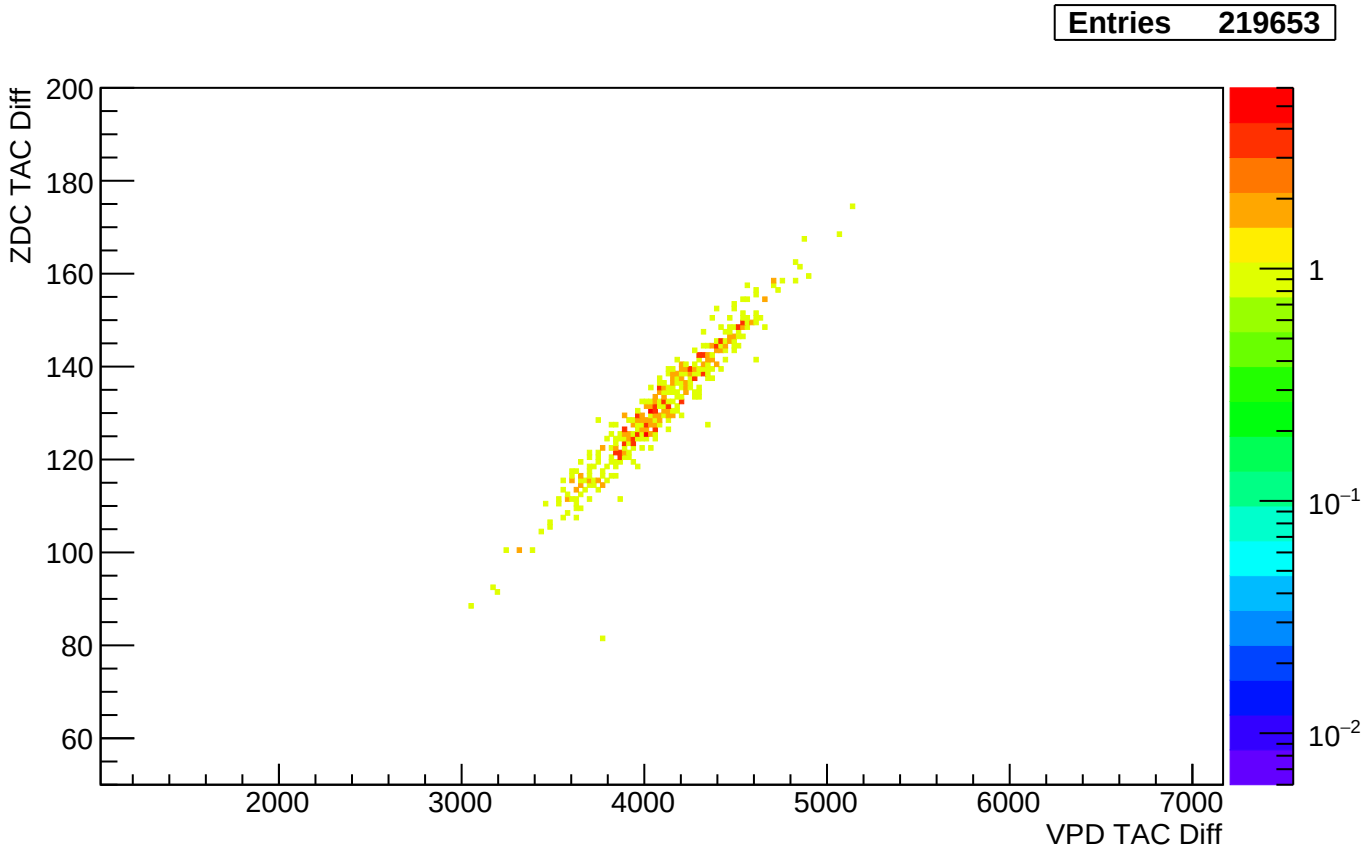

Entries 219653
TOF-Mult
EPD-East Hit Cnt

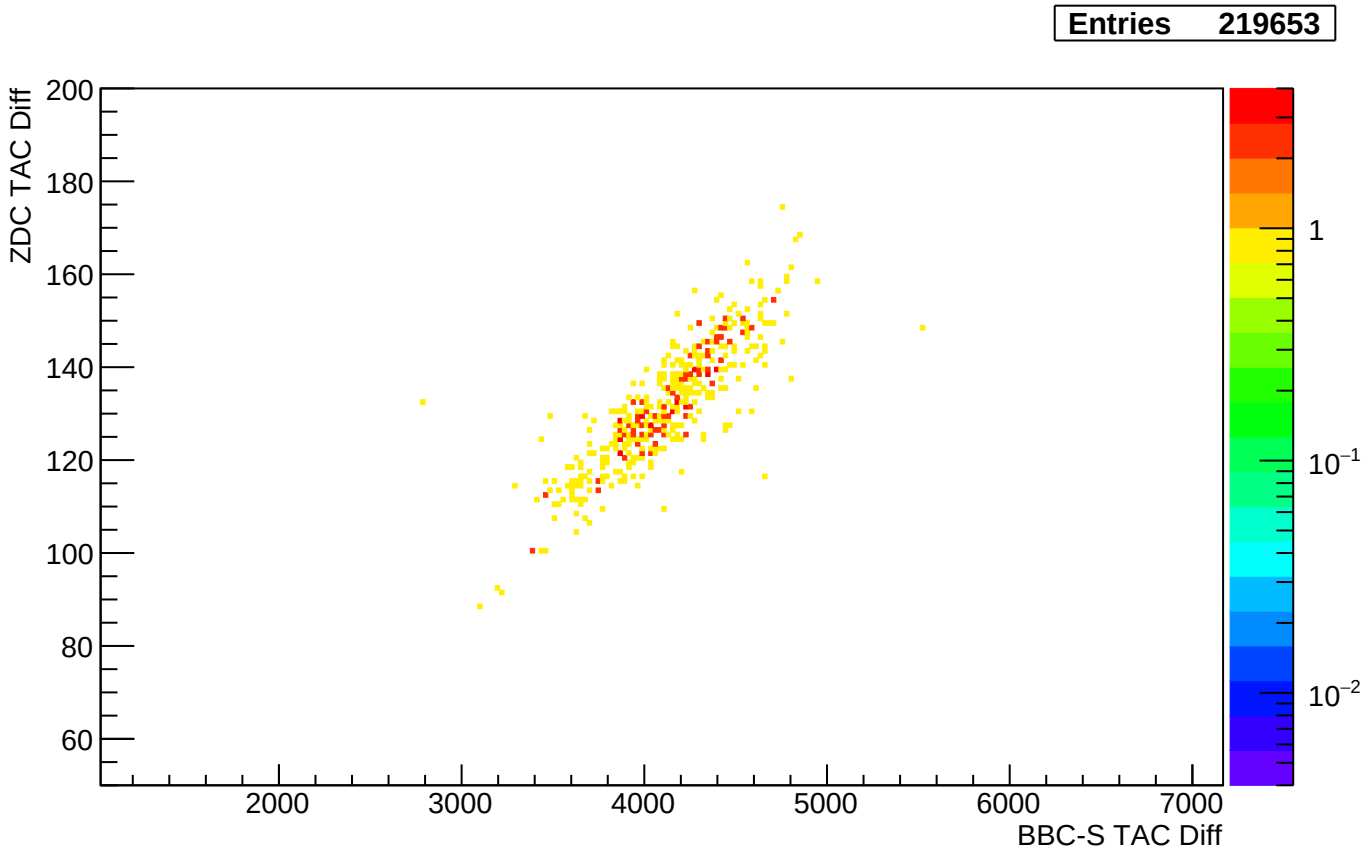

Entries 219653
TOF-Mult
EPD-West Hit Cnt

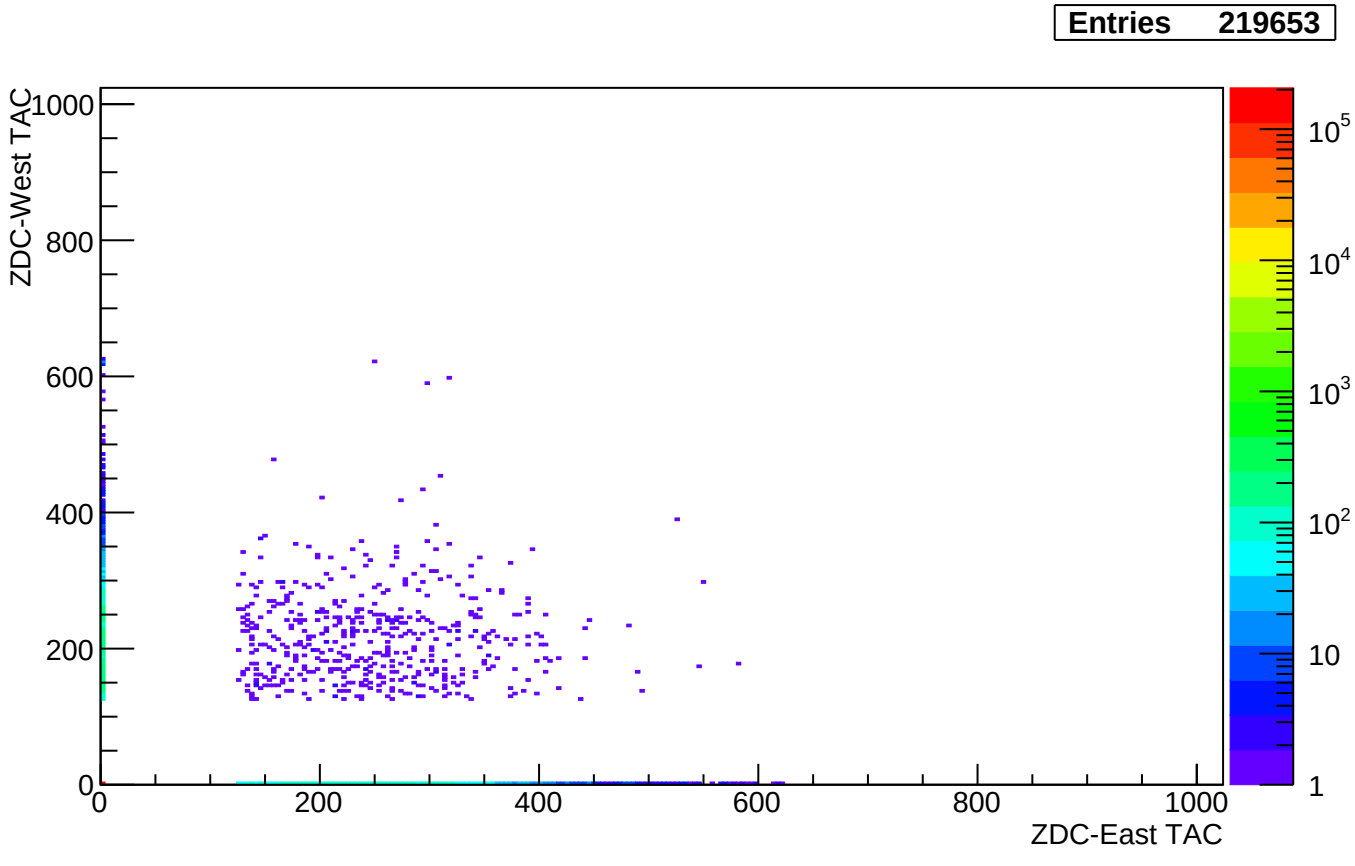

Entries 219653
TOF-Mult
VPD-East ADC Sum

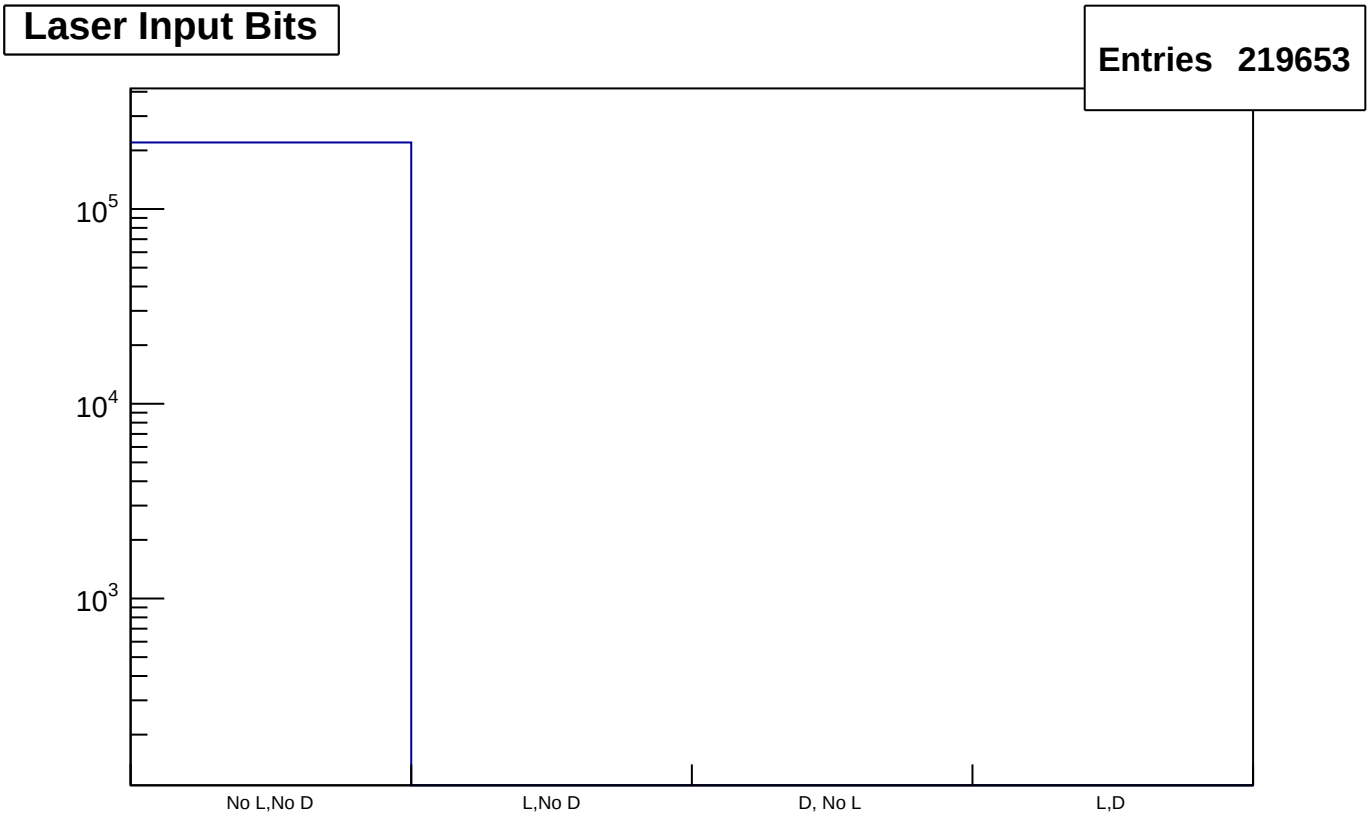

Entries 219653
TOF-Mult
VPD-West ADC Sum

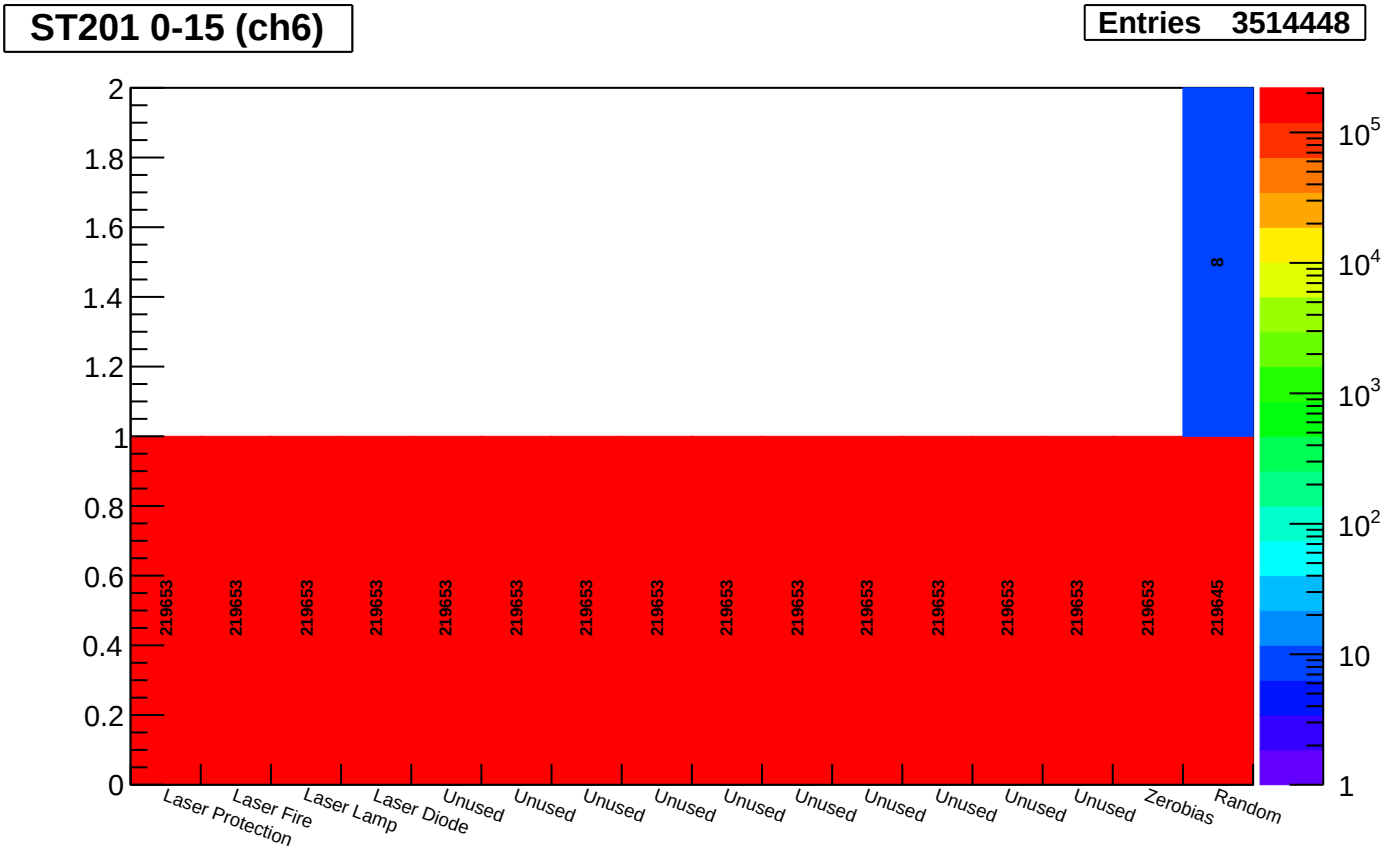

Entries 219653
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

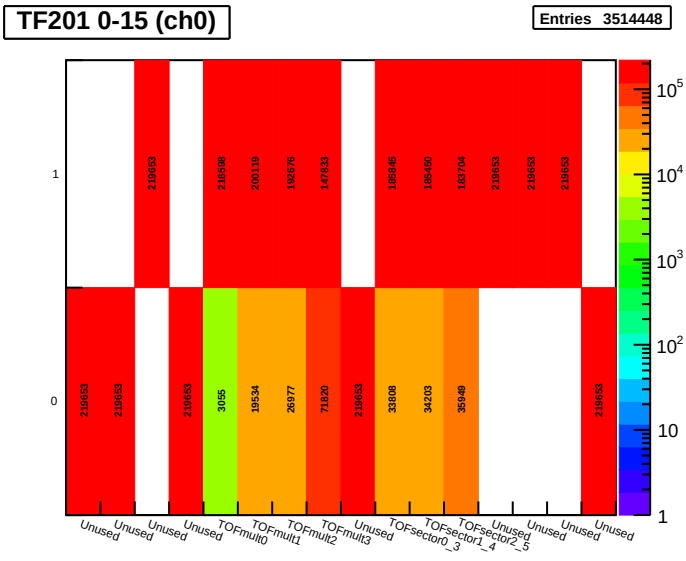

Entries 219653
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

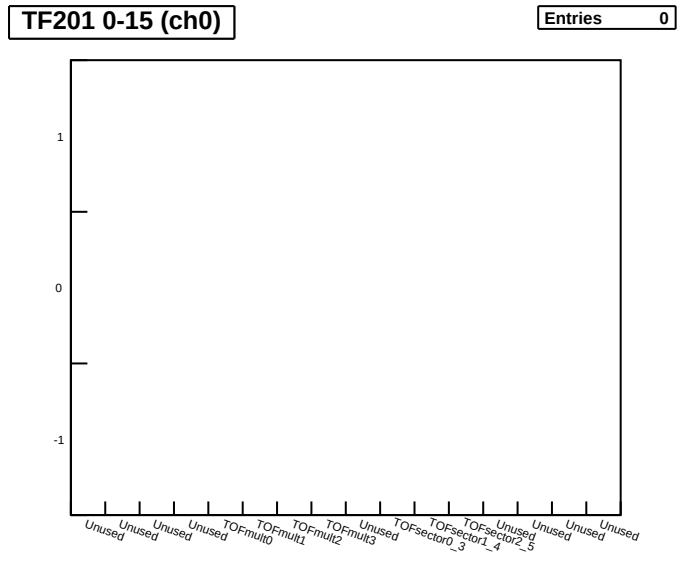

Entries 219653
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

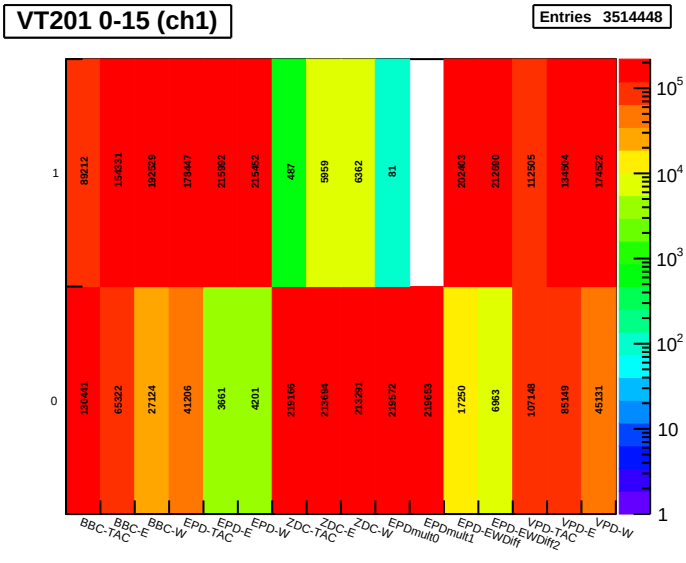

Entries 219653
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

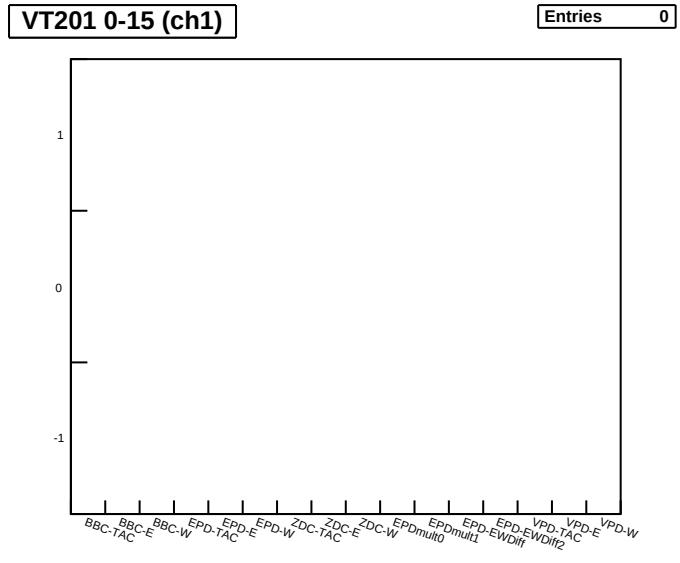

Laser Input Bits
Entries 219653
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

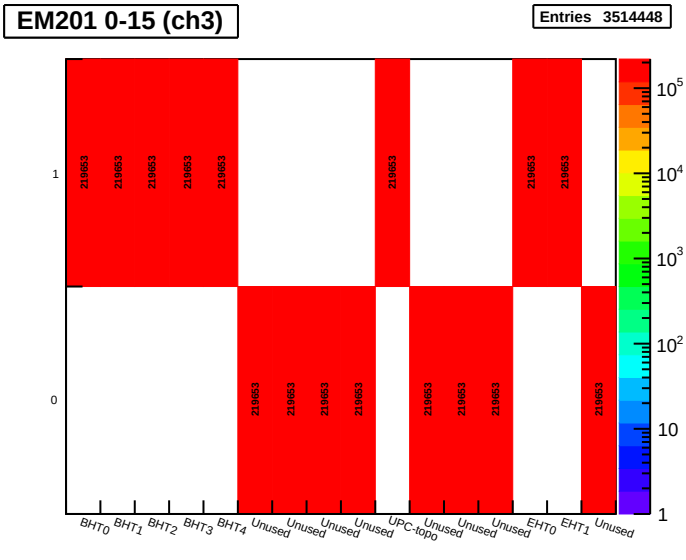

ST201 0-15 (ch6)
Entries 3514448
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
219653
219653
219653
219653
219653
219653
219653
219653
219653
219653
219653
219653
219653
219653
219653
219645
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

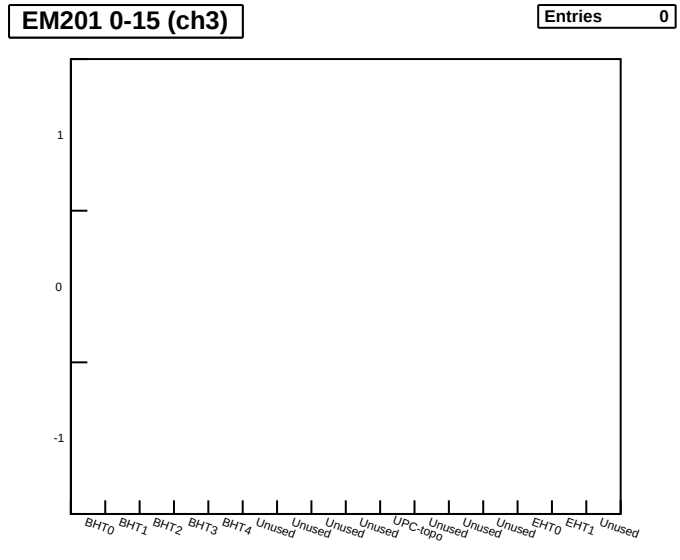

TF201 0-15 (ch0)
Entries 3514448
1
0
219653 219653 219653 219653 216598 200119 192676 147833 219653 219653 219653 219653 219653 219653 219653 3055 19534 26977 71820 33808 34203 35949
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused 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


VT201 0-15 (ch1)
Entries 3514448
1
0
89212 154331 192529 178447 215992 215452 487 5959 6362 81 202403 212690 112505 134504 174522
130441 65322 27124 41206 3661 4201 219166 213694 213291 219572 219653 17250 6963 107148 85149 45131
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 3514448
1
0
219653 219653 219653 219653 219653 219653 219653 219653 219653
219653 219653 219653 219653 219653 219653 219653 219653
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