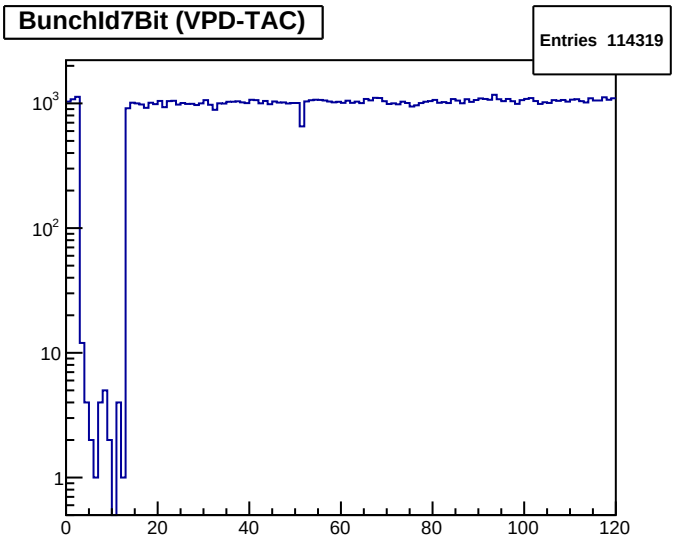
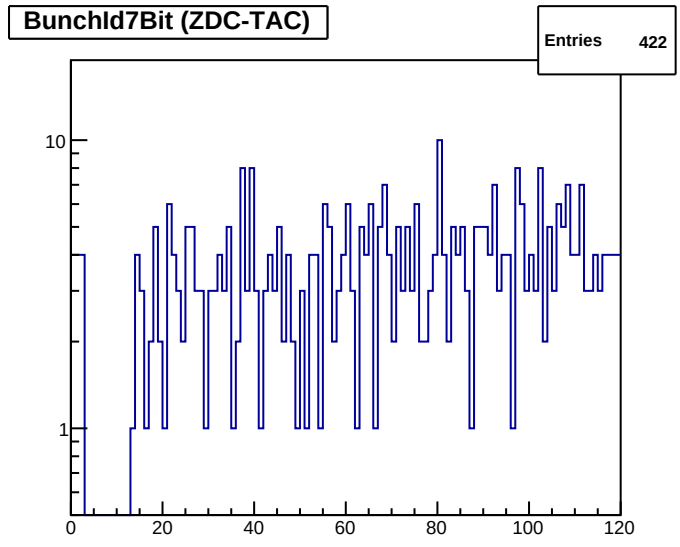
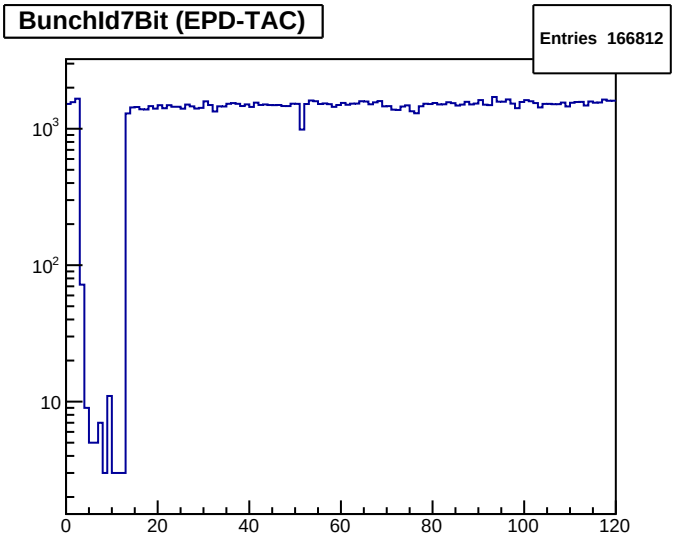
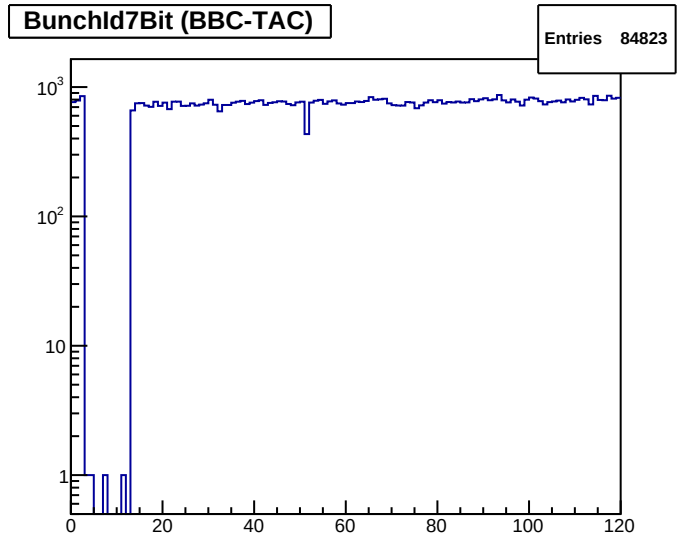
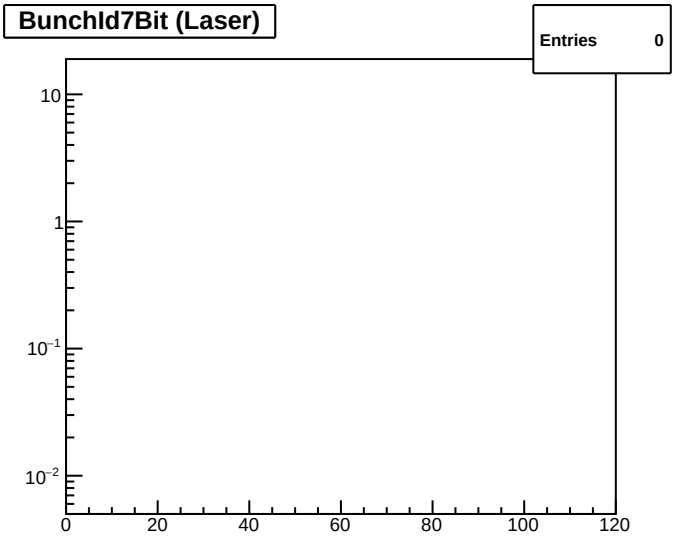
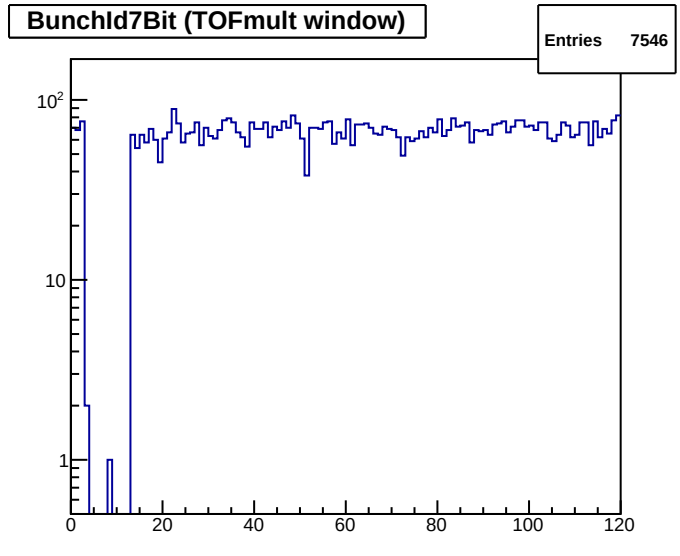

BunchId7Bit (VPD-TAC)
Entries 114319

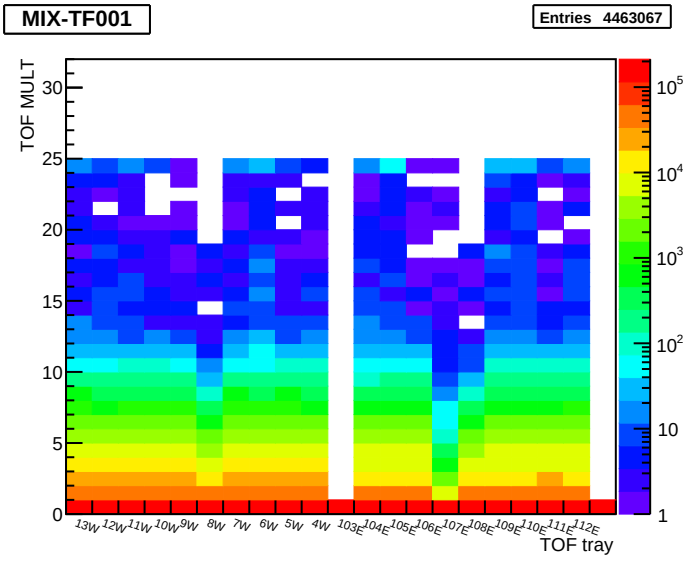

BunchId7Bit (ZDC-TAC)
Entries 422

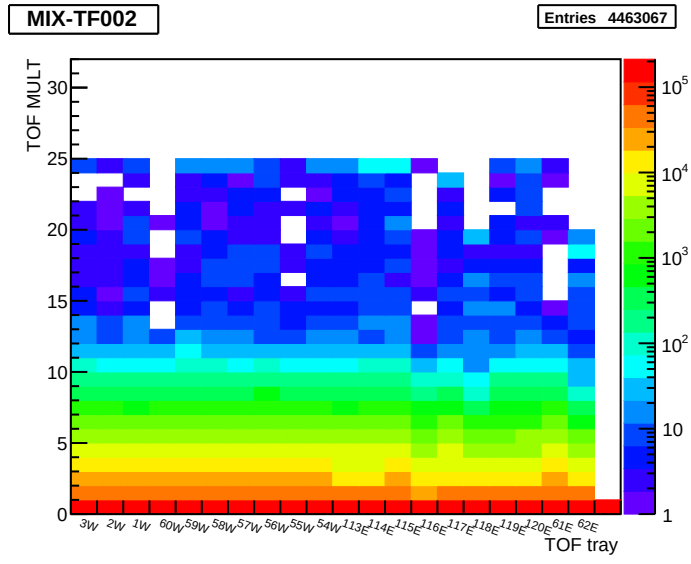

BunchId7Bit (EPD-TAC)
Entries 166812

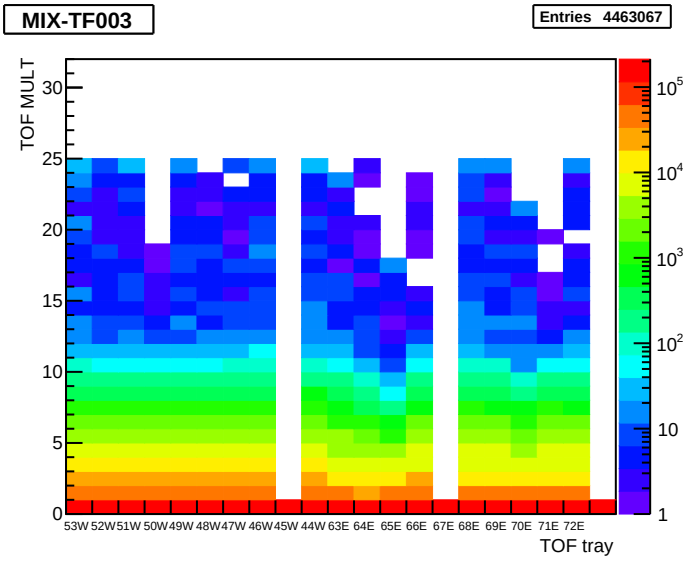

BunchId7Bit (BBC-TAC)
Entries 84823

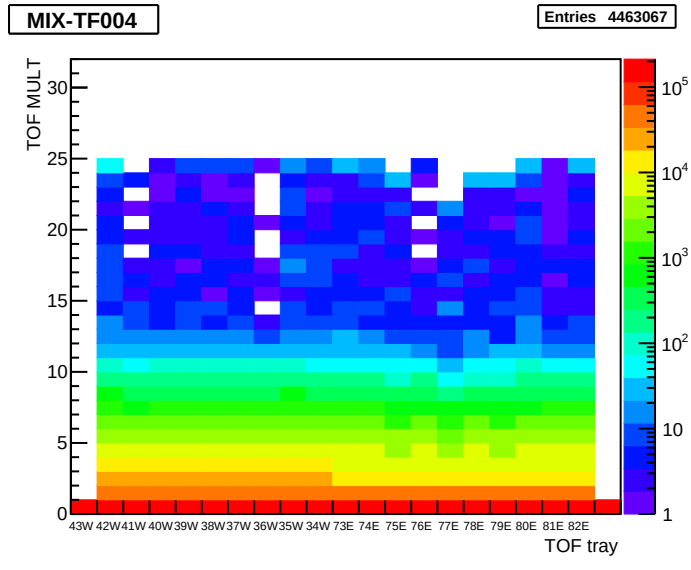

BunchId7Bit (Laser)
Entries 0

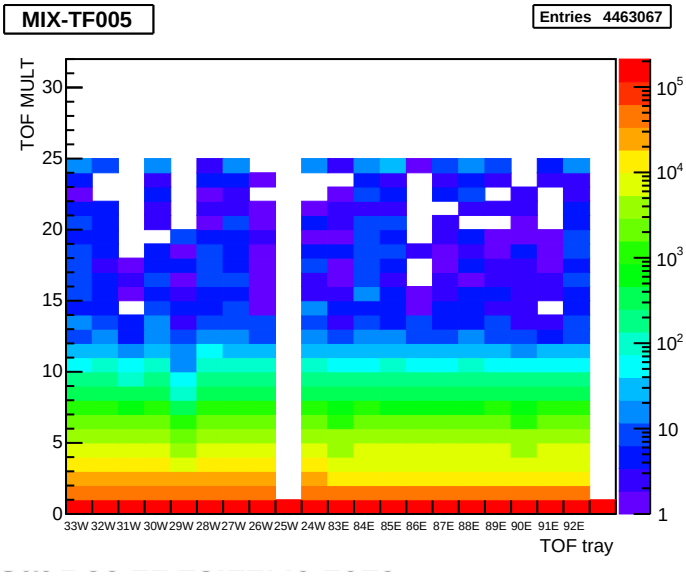

BunchId7Bit (TOFmult window)
Entries 7546

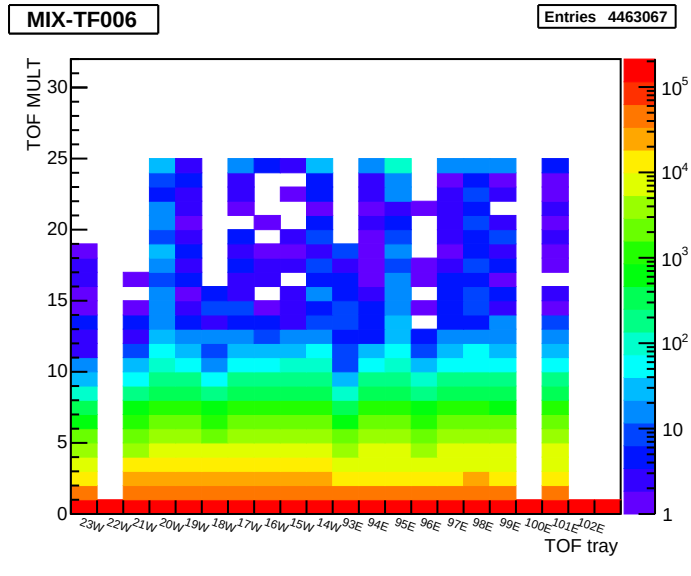

MIX-TF001
Entries 4463067
TOF MULT
TOF tray

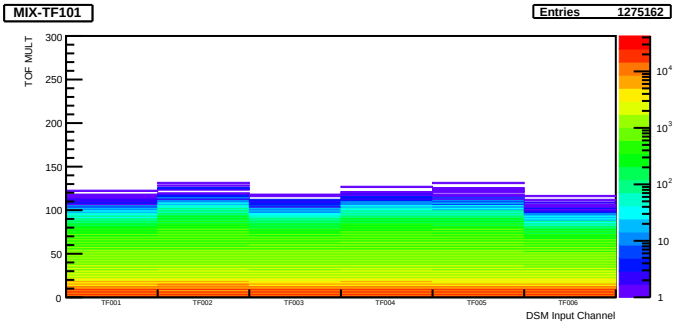

MIX-TF002
Entries 4463067
TOF MULT
TOF tray

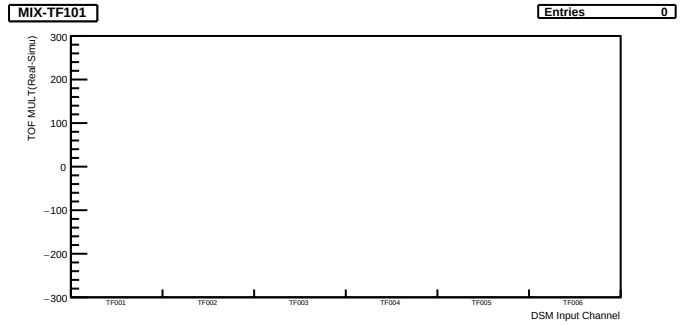

MIX-TF003
Entries 4463067
TOF MULT
TOF tray

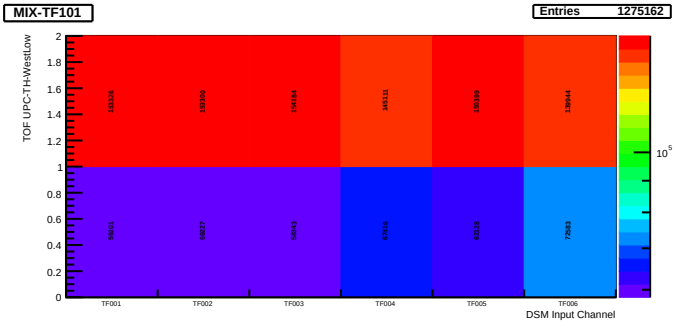

MIX-TF004
Entries 4463067
TOF MULT
TOF tray

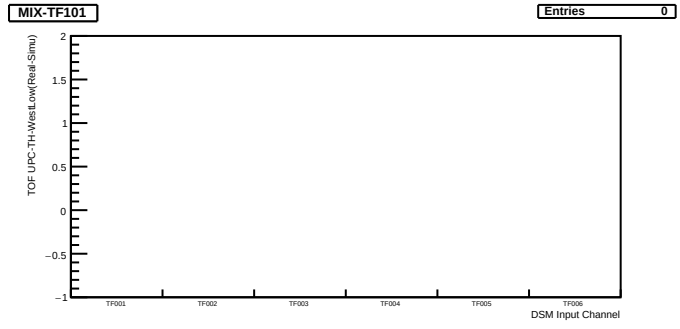

MIX-TF005
Entries 4463067
TOF MULT
TOF tray

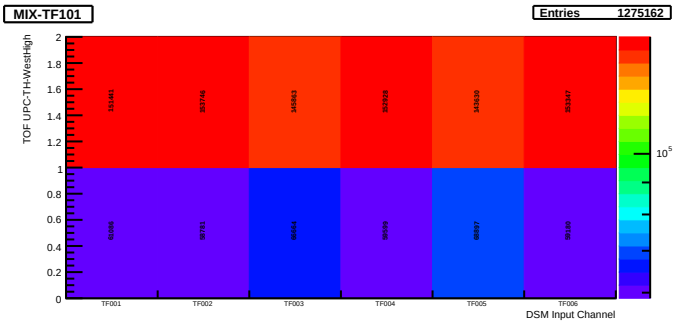

MIX-TF006
Entries 4463067
TOF MULT
TOF tray

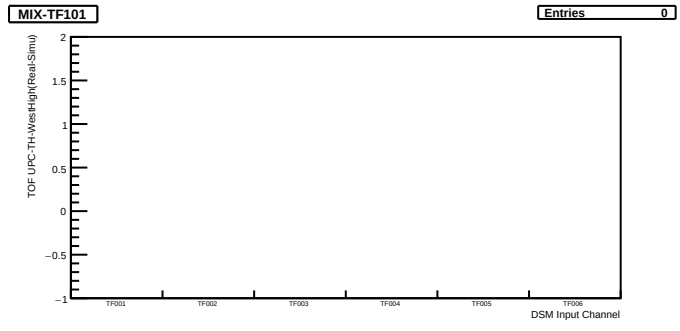

MIX-TF101
Entries 1275162
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

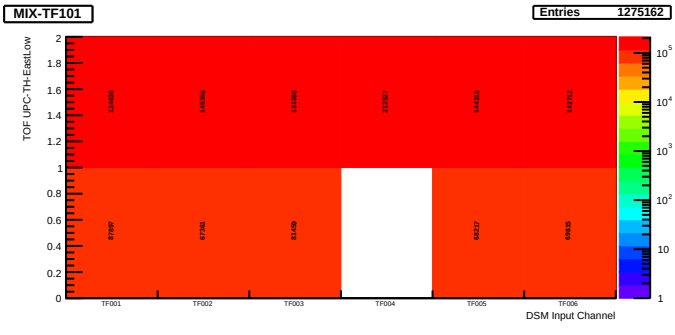

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

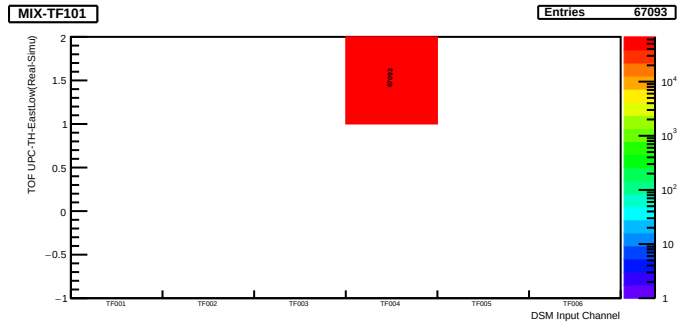

MIX-TF101
Entries 1275162
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

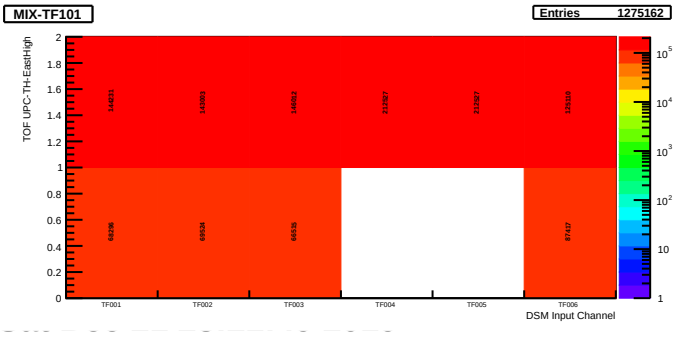

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

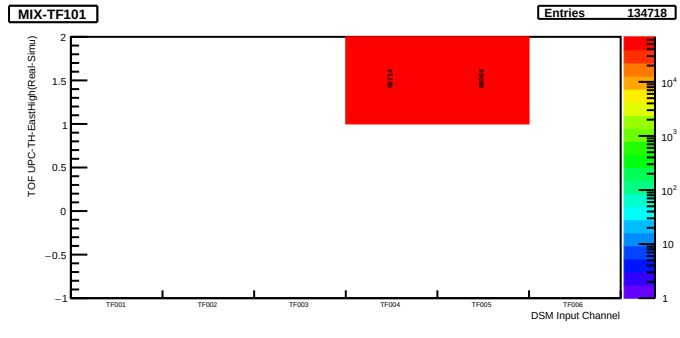

MIX-TF101
Entries 1275162
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

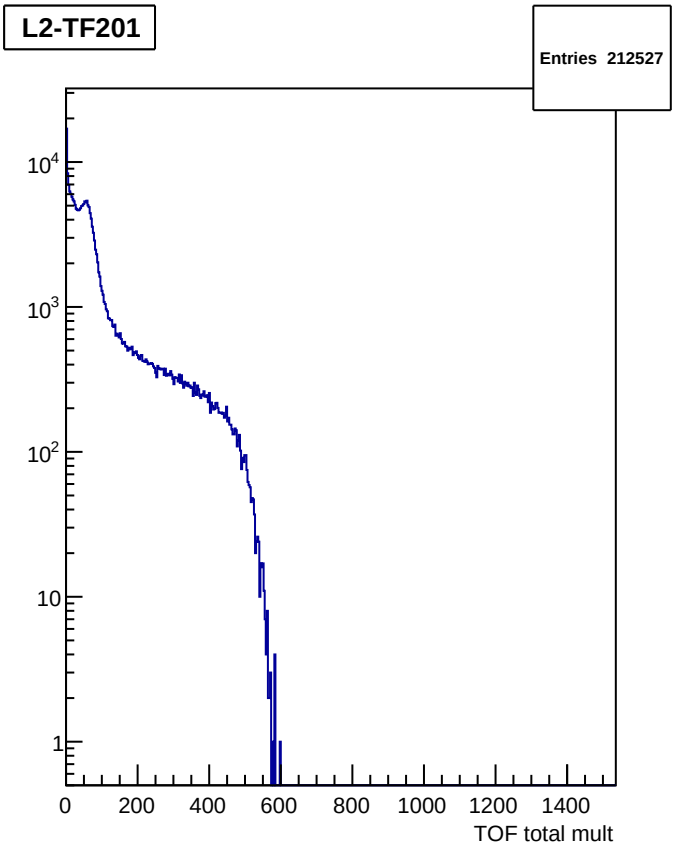

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

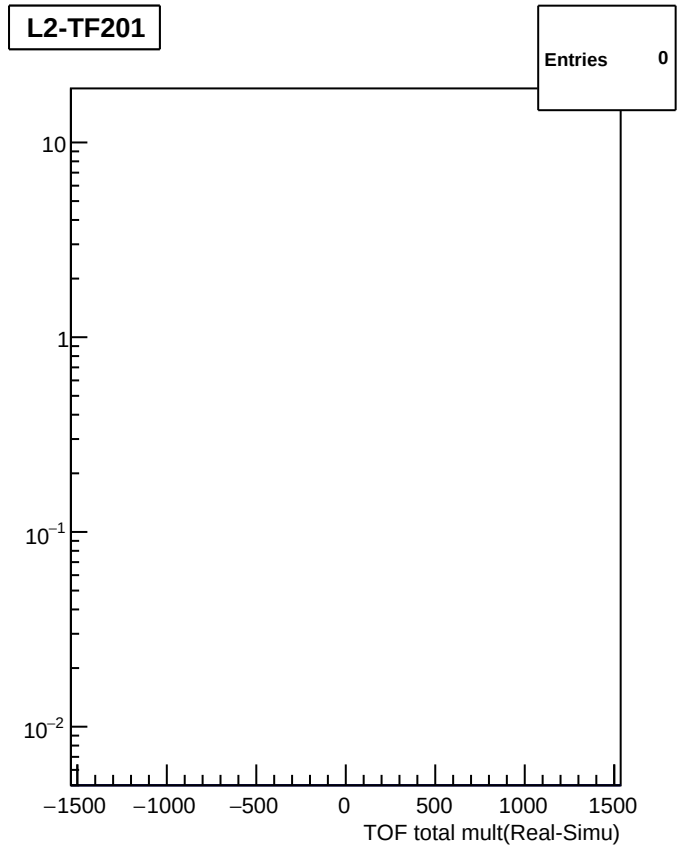

MIX-TF101
Entries 1275162
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

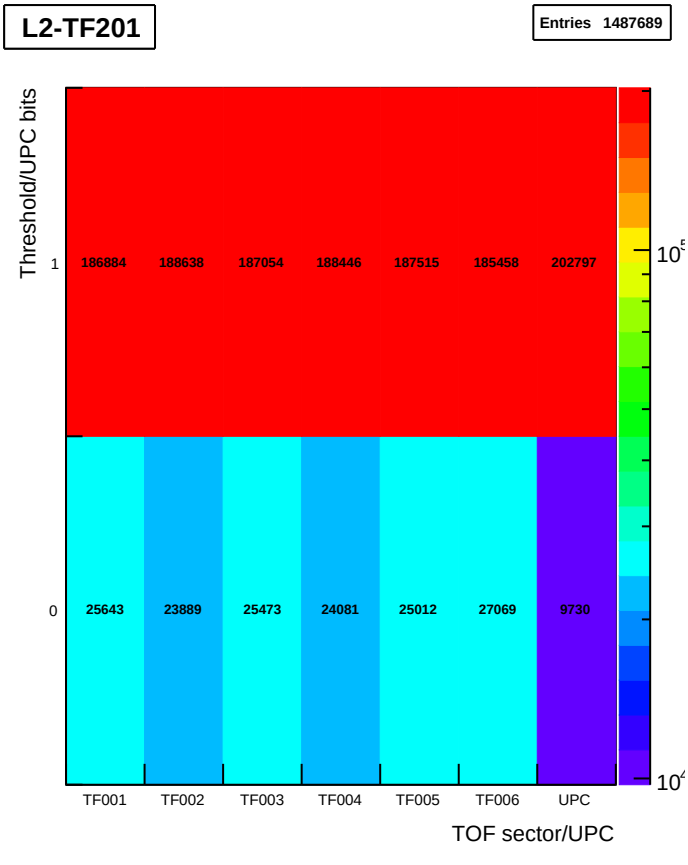

MIX-TF101
Entries 67093
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

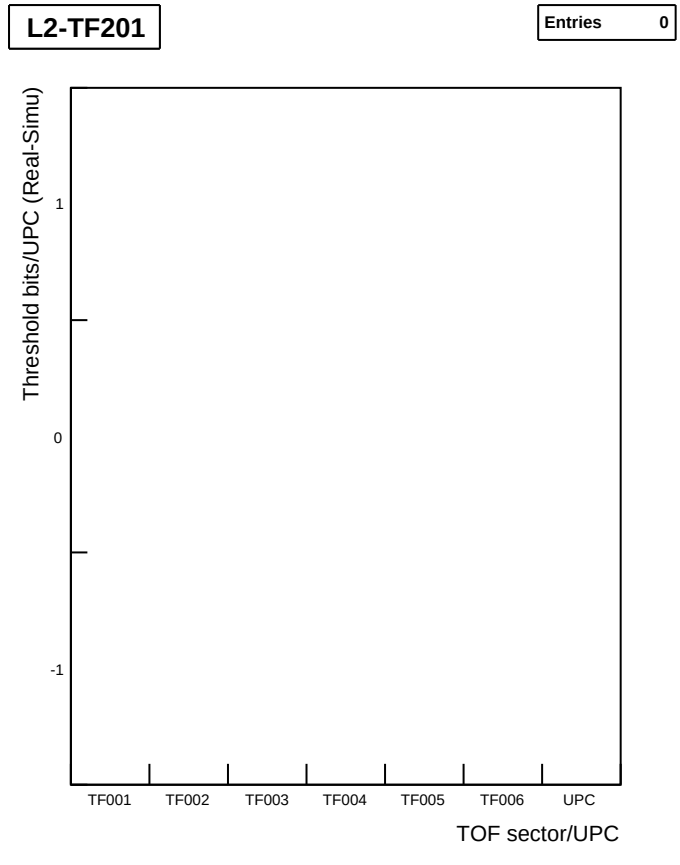

MIX-TF101
Entries 1275162
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

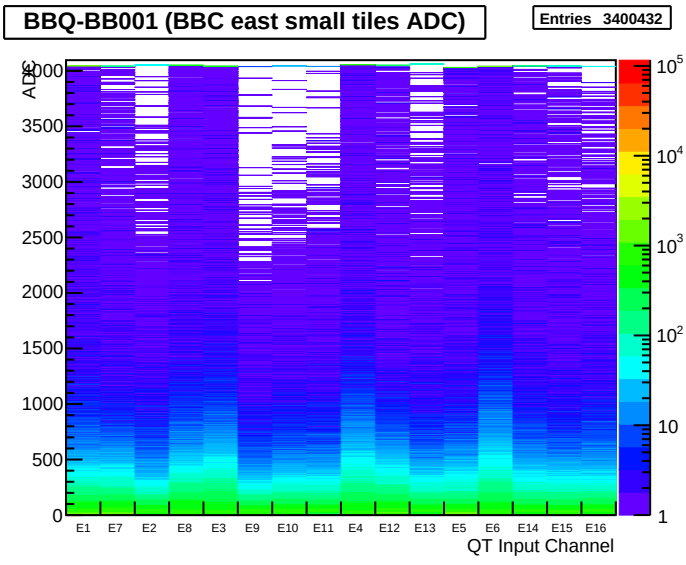

MIX-TF101
Entries 134718
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

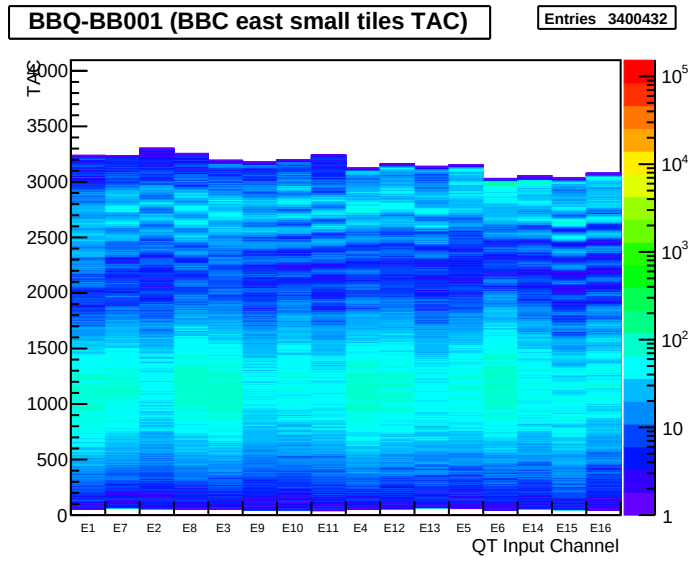

L2-TF201
Entries 212527
TOF total mult

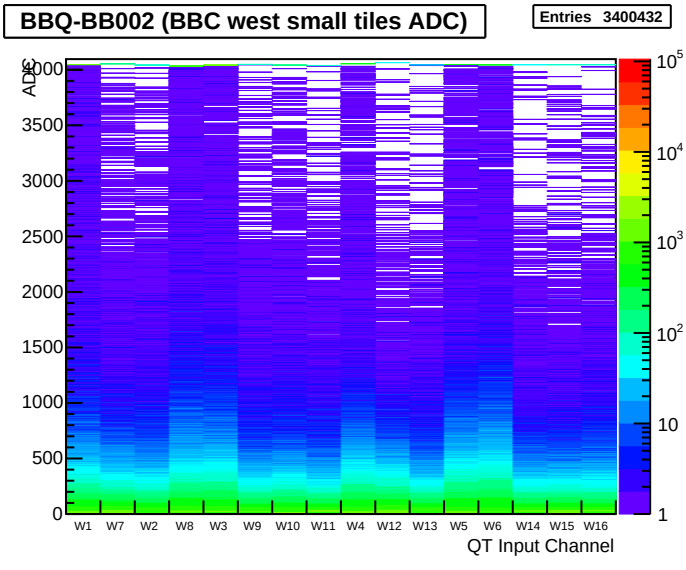

L2-TF201
Entries 0
TOF total mult(Real-Simu)

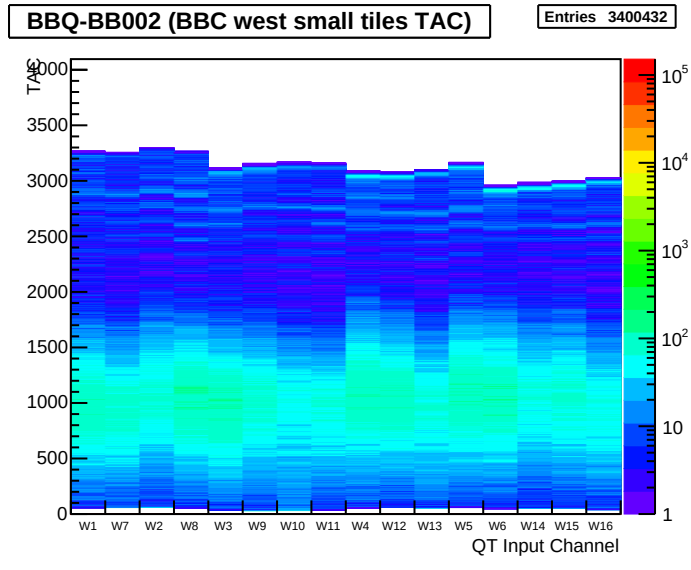

L2-TF201
Entries 1487689
Threshold/UPC bits
186884
188638
187054
188446
187515
185458
202797
25643
23889
25473
24081
25012
27069
9730
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

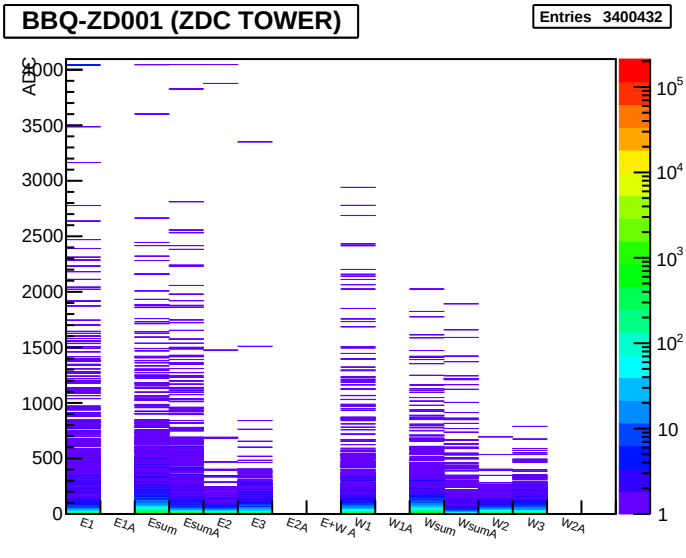

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

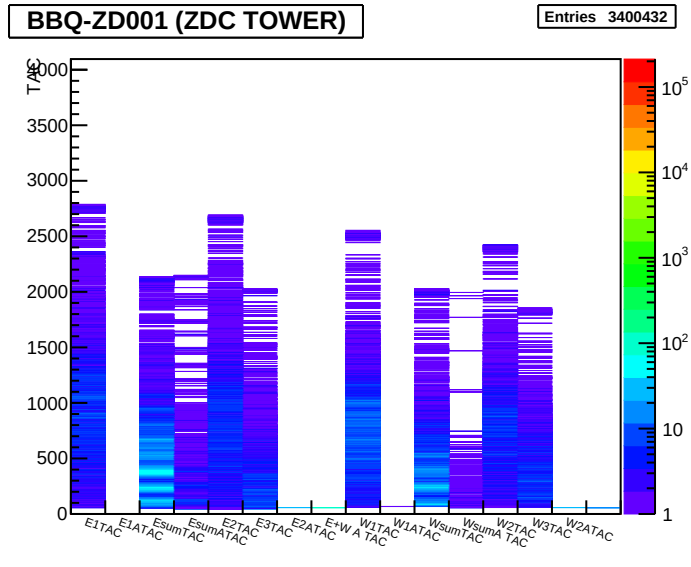

BBQ-BB001 (BBC east small tiles ADC)
Entries 3400432
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

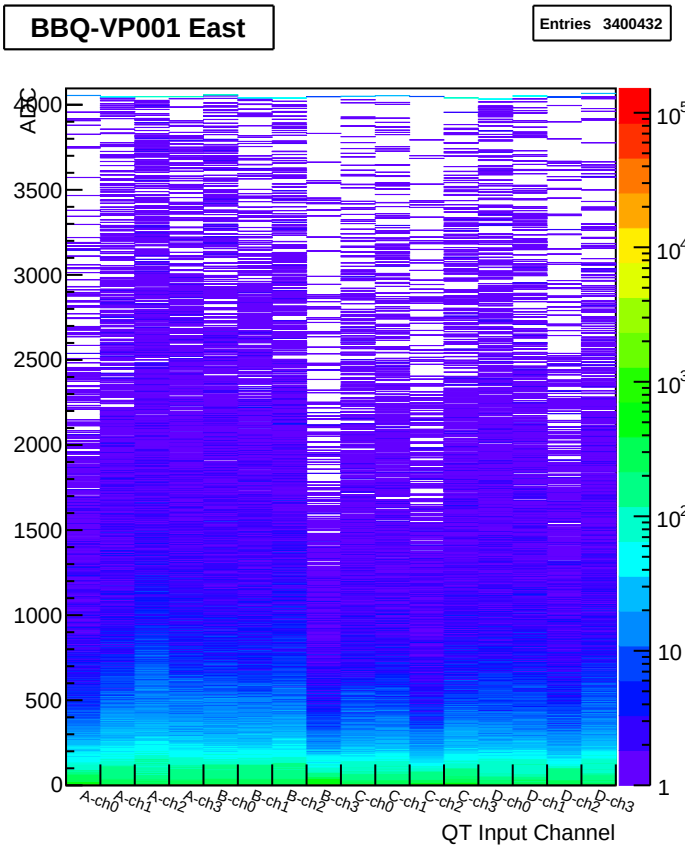

BBQ-BB001 (BBC east small tiles TAC)
Entries 3400432
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

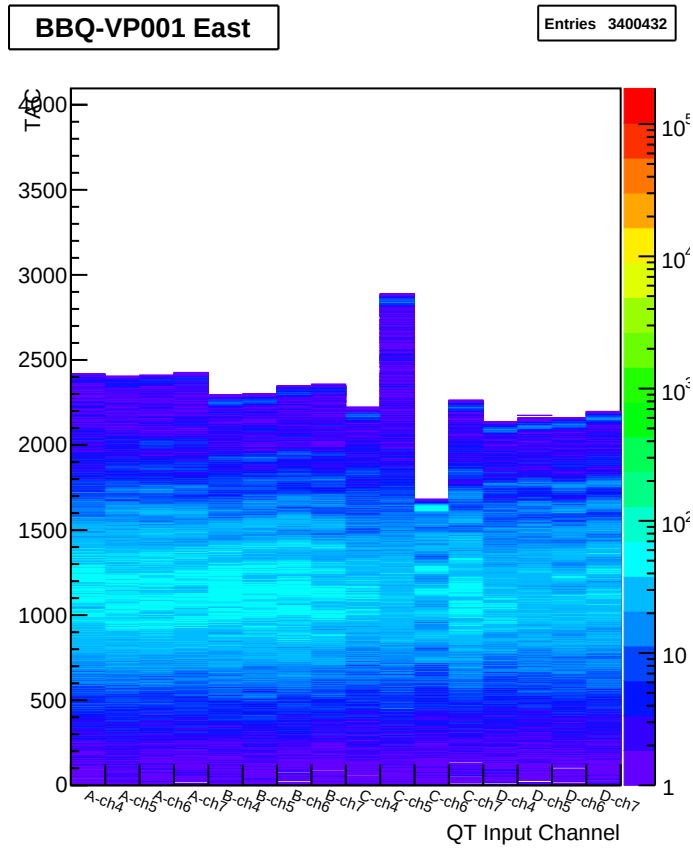

BBQ-BB002 (BBC west small tiles ADC)
Entries 3400432
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

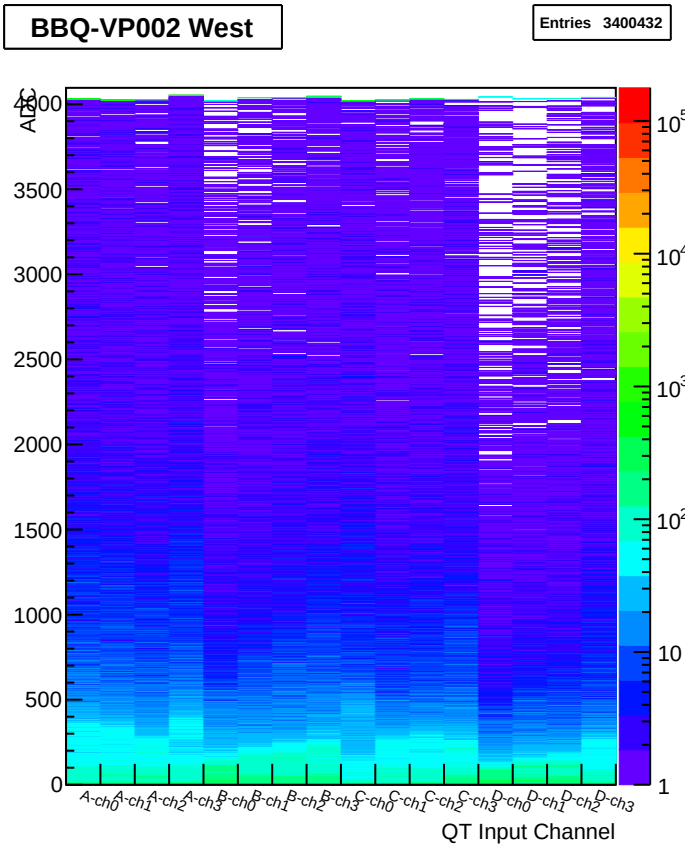

BBQ-BB002 (BBC west small tiles TAC)
Entries 3400432
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

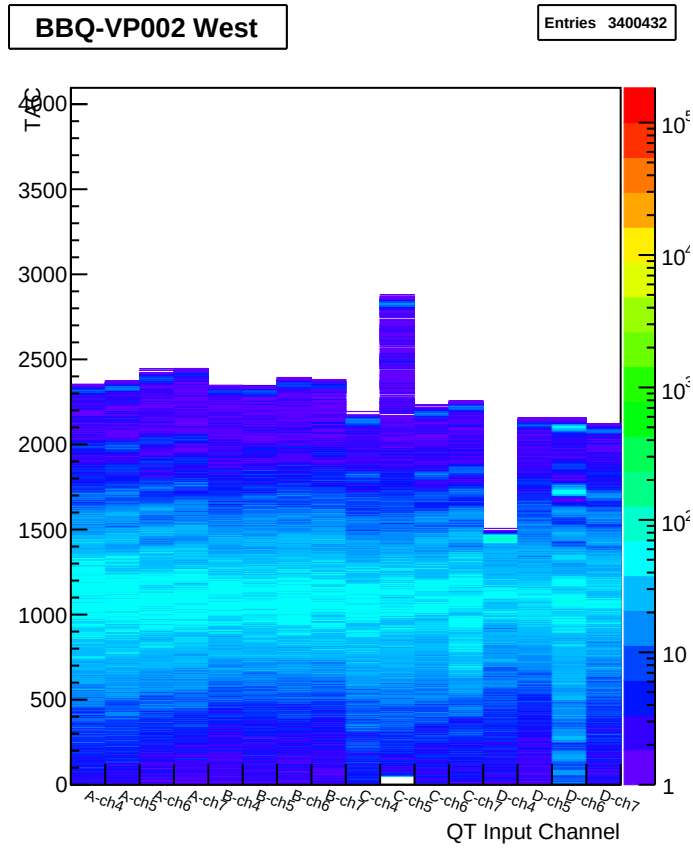

BBQ-ZD001 (ZDC TOWER)
Entries 3400432
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

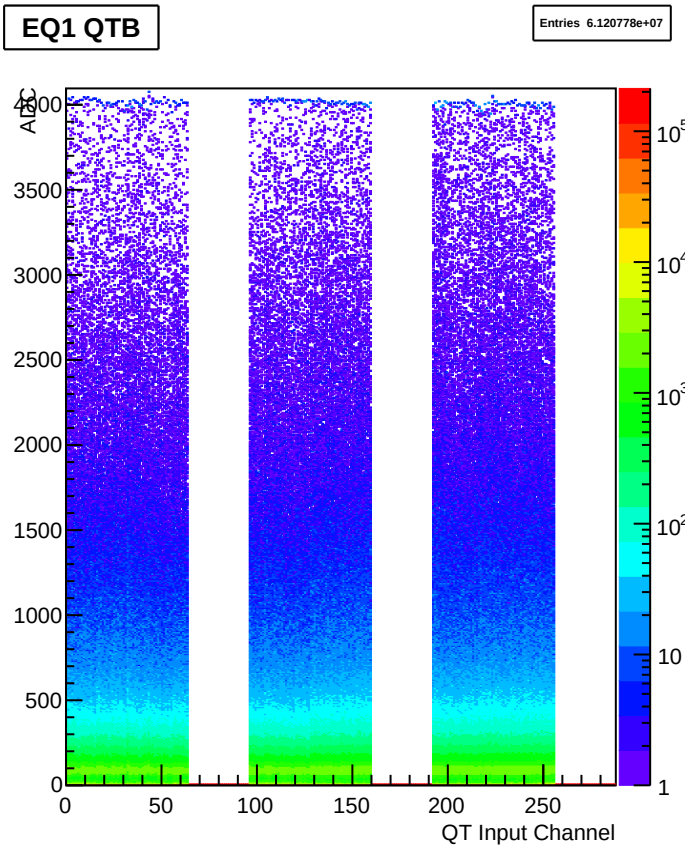

BBQ-ZD001 (ZDC TOWER)
Entries 3400432
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

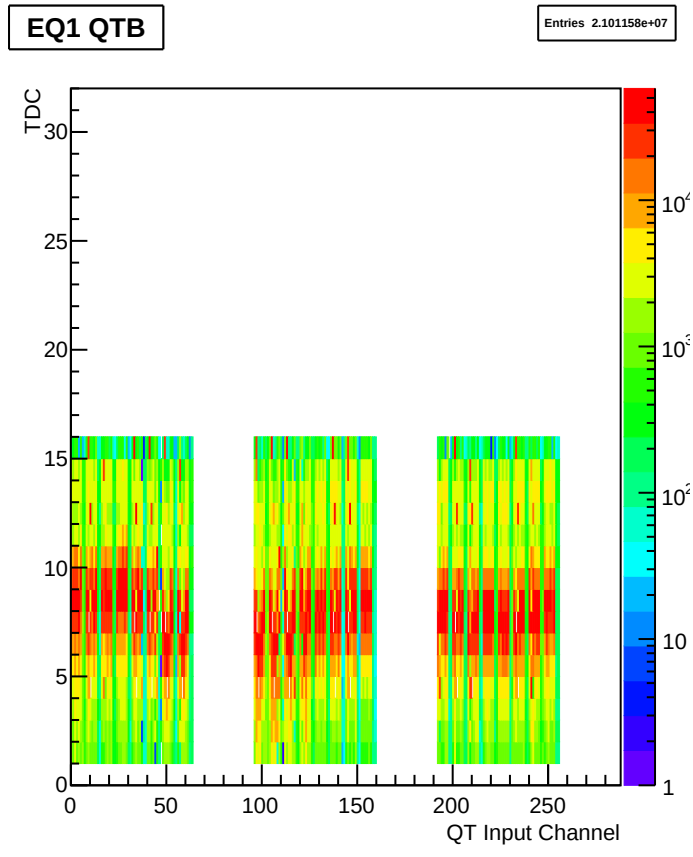

BBQ-VP001 East
Entries 3400432
ADC
QT Input Channel

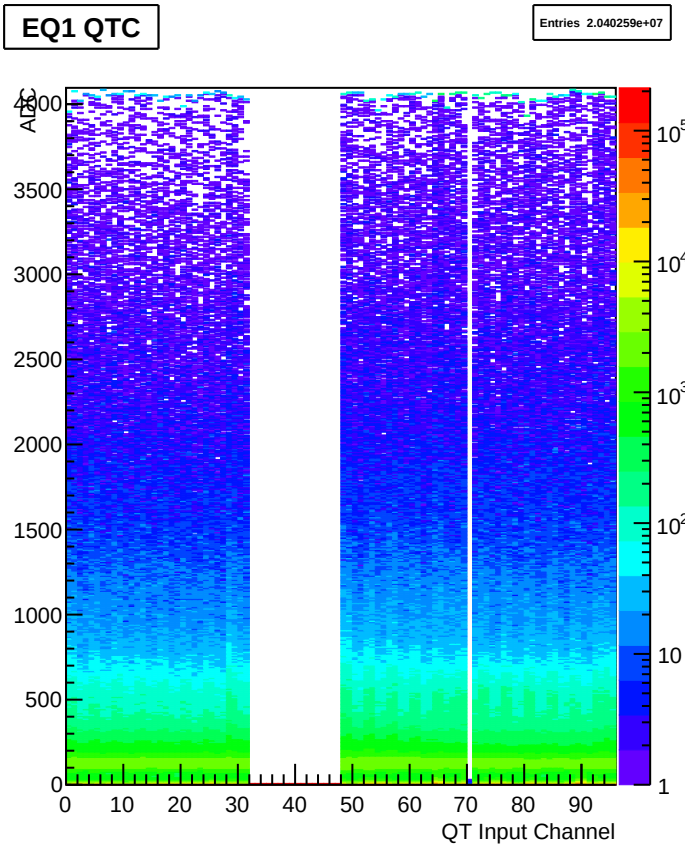

BBQ-VP001 East
Entries 3400432
ADC
QT Input Channel

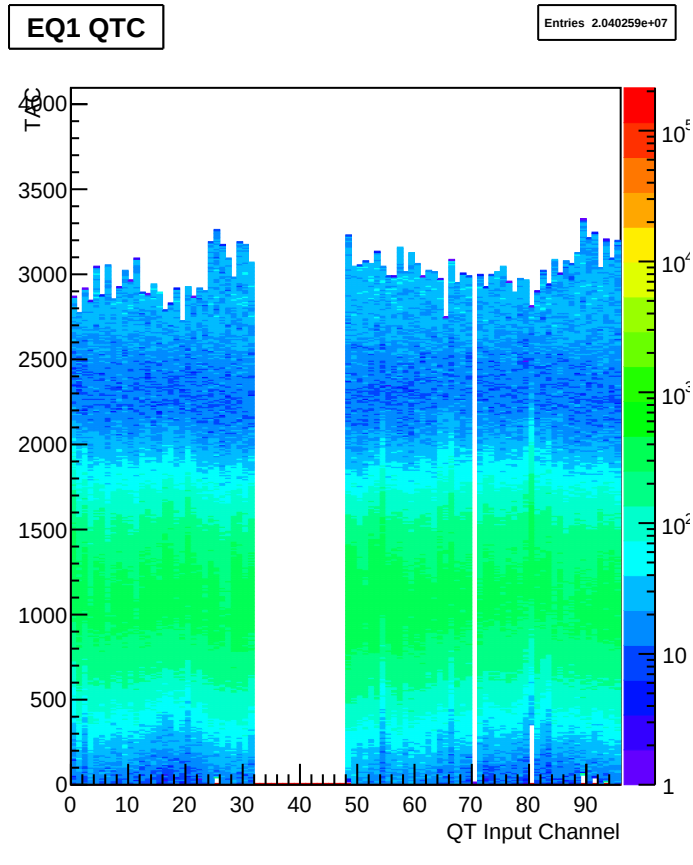

BBQ-VP002 West
Entries 3400432
ADC
QT Input Channel

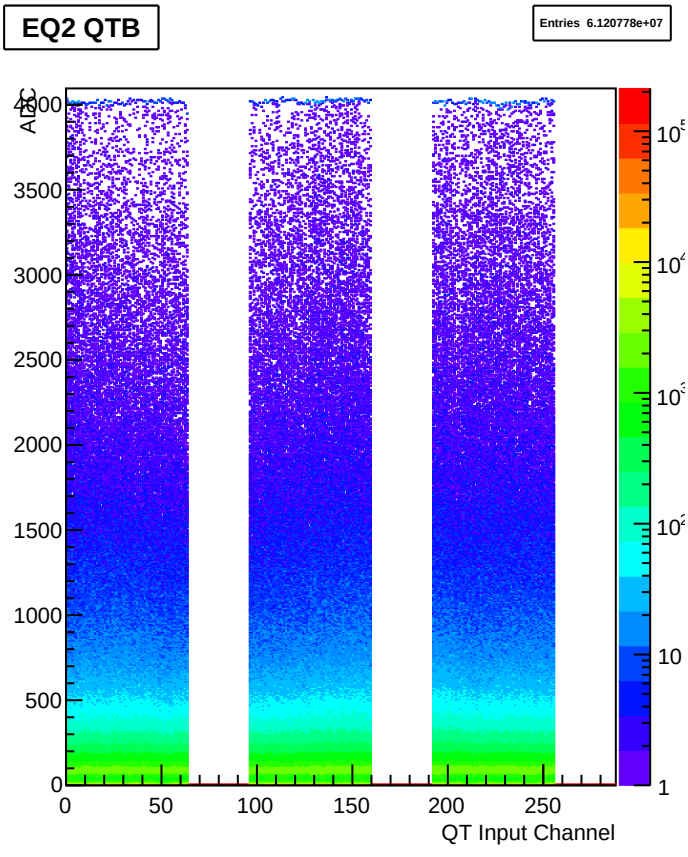

BBQ-VP002 West
Entries 3400432
ADC
QT Input Channel

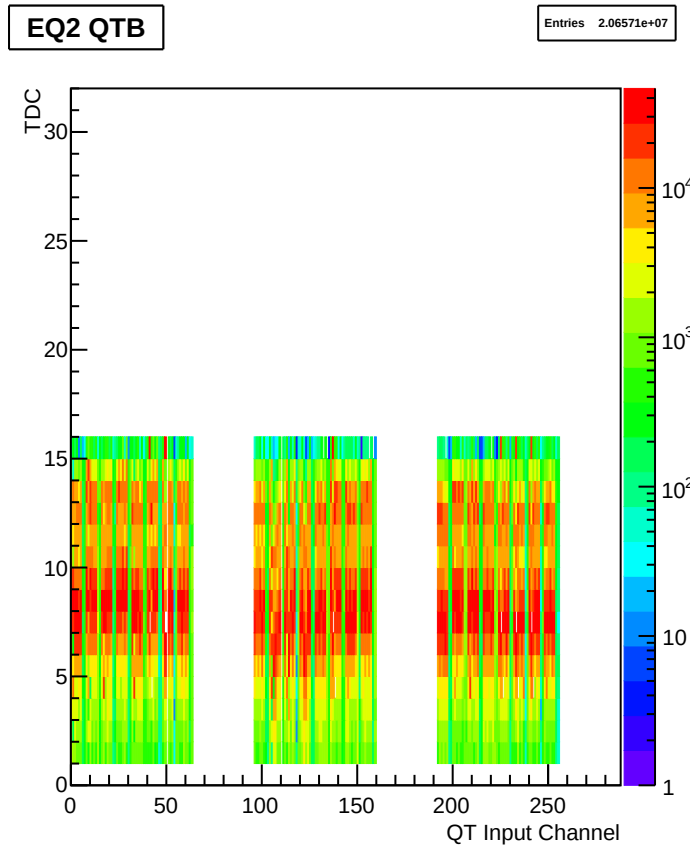

EQ1 QTB
Entries 6.120778e+07
ADC
QT Input Channel

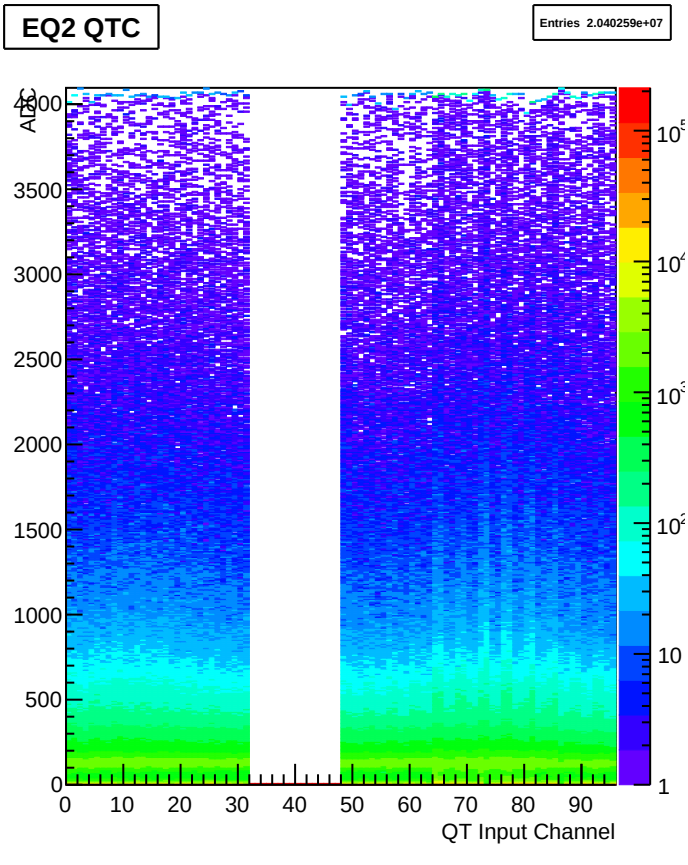

EQ1 QTB
Entries 2.101158e+07
TDC
QT Input Channel

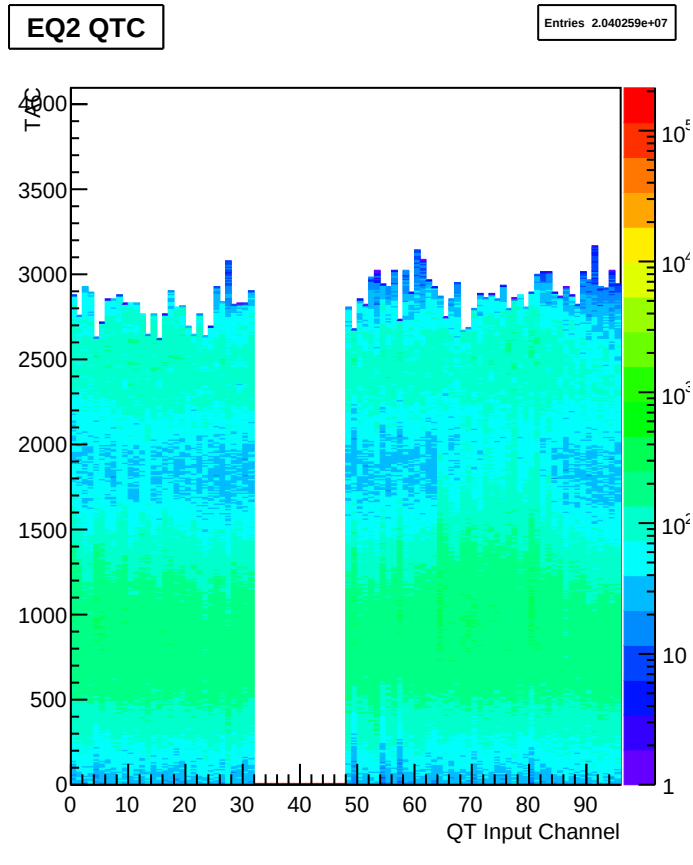

EQ1 QTC
Entries 2.040259e+07
ADC
QT Input Channel

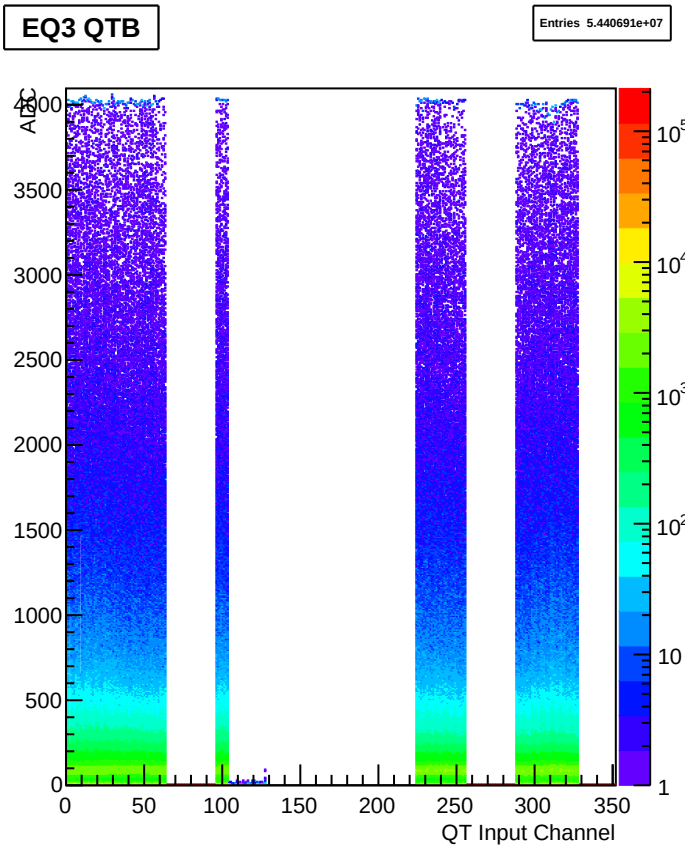

EQ1 QTC
Entries 2.040259e+07
TADC
QT Input Channel

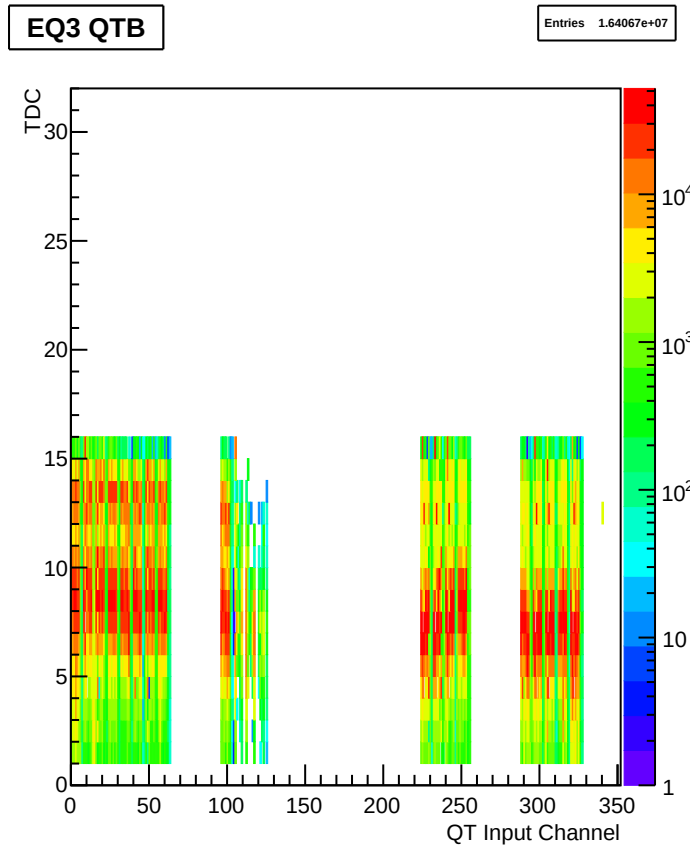

EQ2 QTB
Entries 6.120778e+07
ADC
QT Input Channel

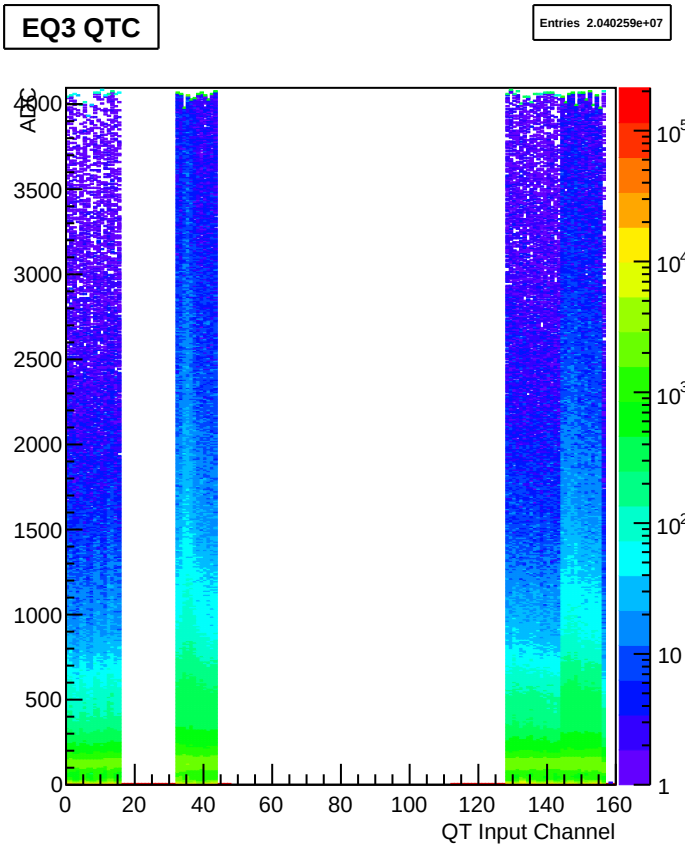

EQ2 QTB
Entries 2.06571e+07
TDC
QT Input Channel

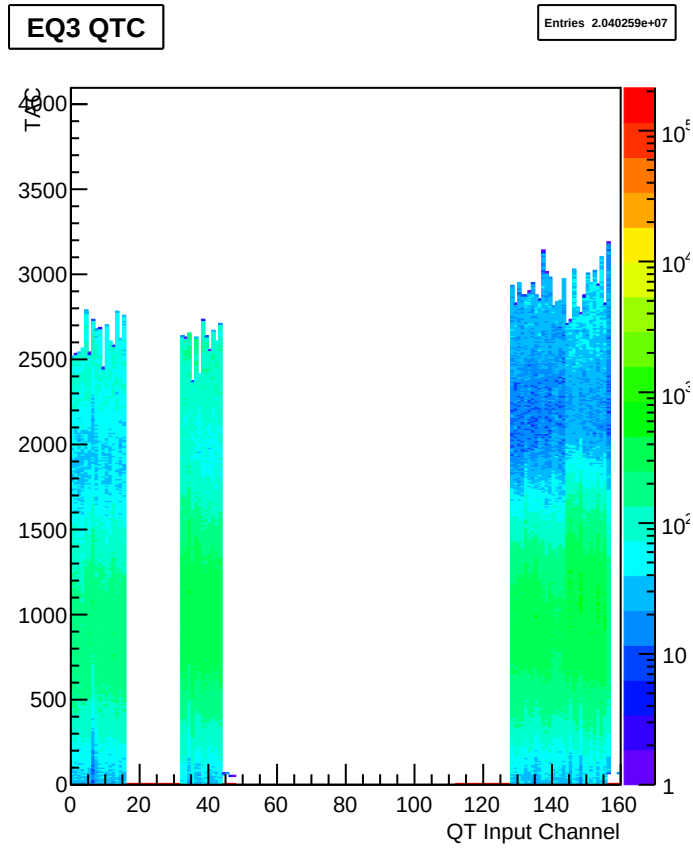

EQ2 QTC
Entries 2.040259e+07
ADC
QT Input Channel

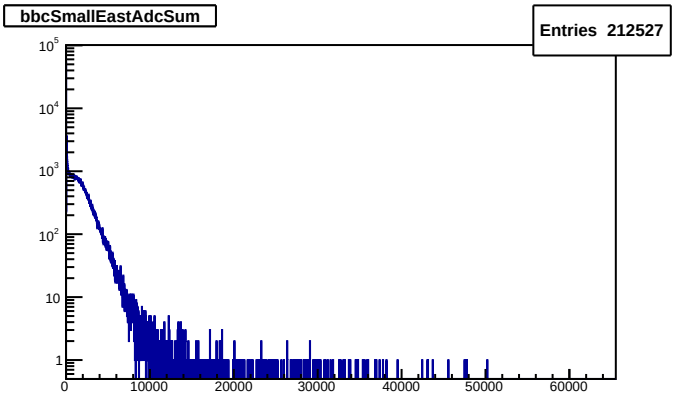

EQ2 QTC
Entries 2.040259e+07
TADC
QT Input Channel

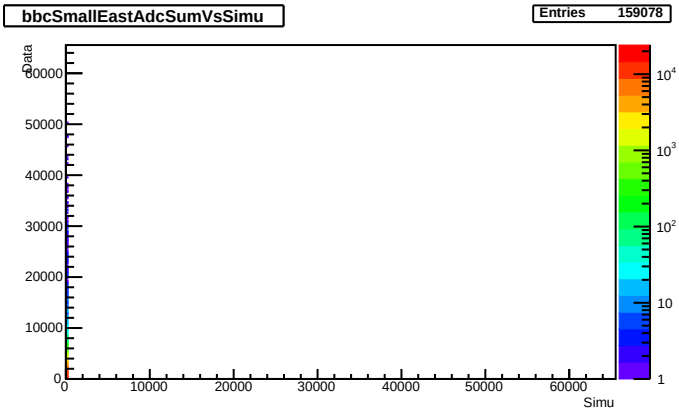

EQ3 QTB
Entries 5.440691e+07
ADC
QT Input Channel

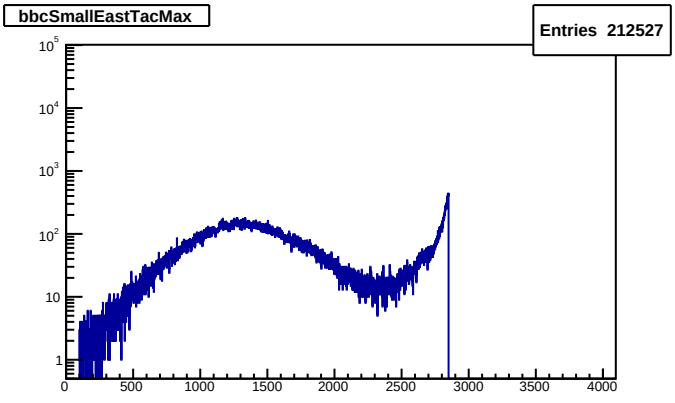

EQ3 QTB
Entries 1.64067e+07
TDC
QT Input Channel

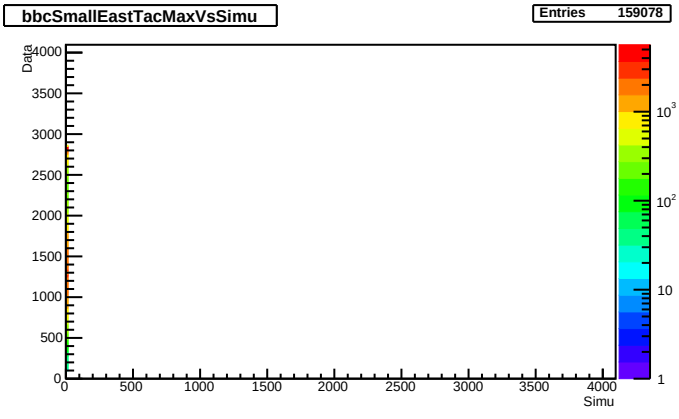

EQ3 QTC
Entries 2.040259e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.040259e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 212527


bbcSmallEastAdcSumVsSimu
Entries 159078
Data
Simu


bbcSmallEastTacMax
Entries 212527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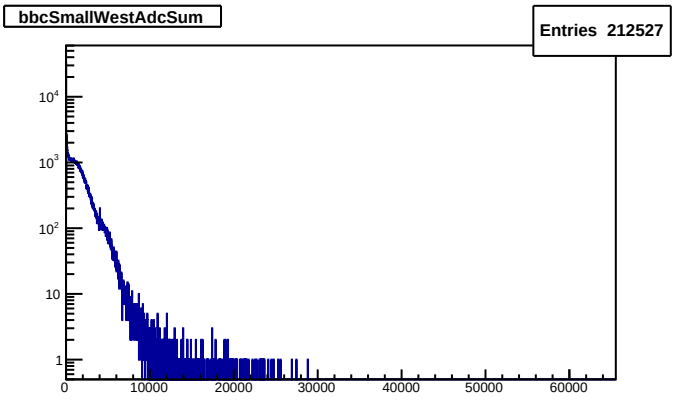
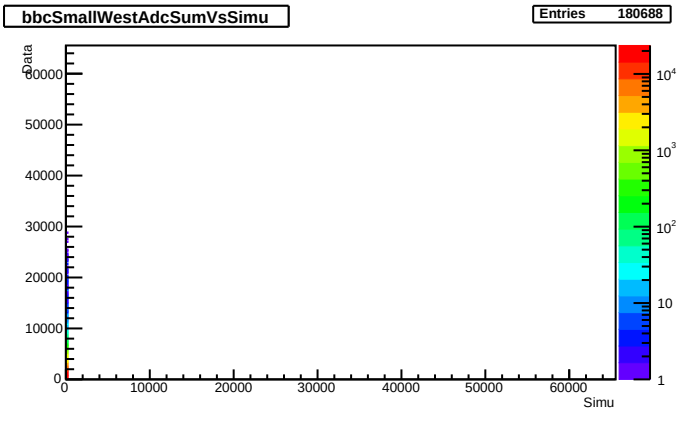
Entries 159078
Data
Simu


bbcSmallWestAdcSum
Entries 212527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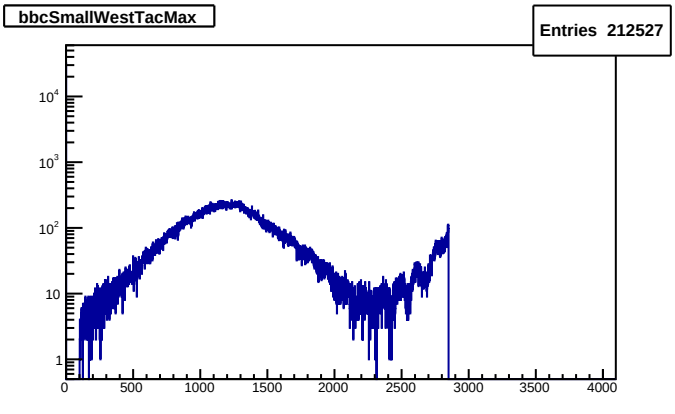
Entries 180688
Data
Simu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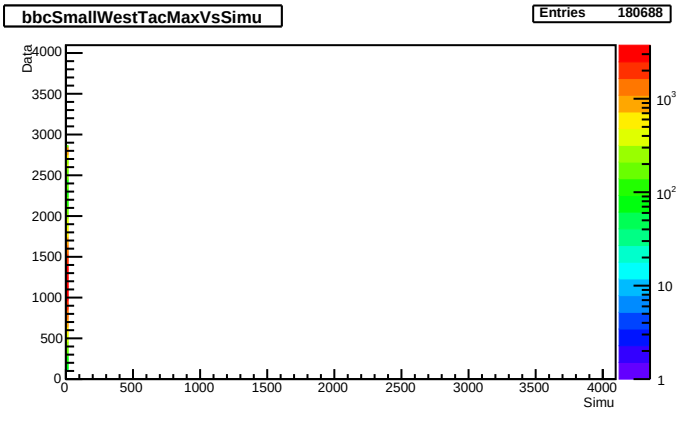
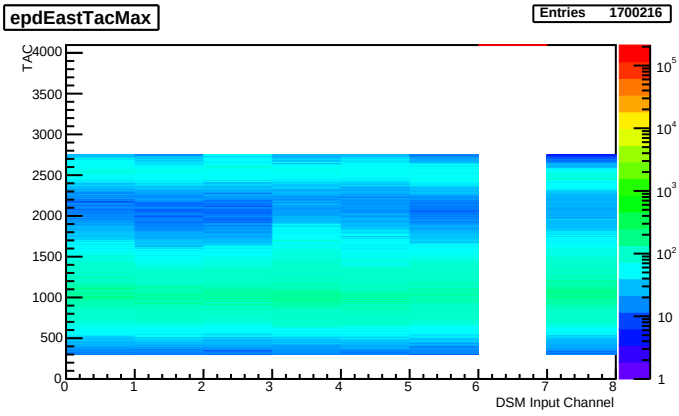
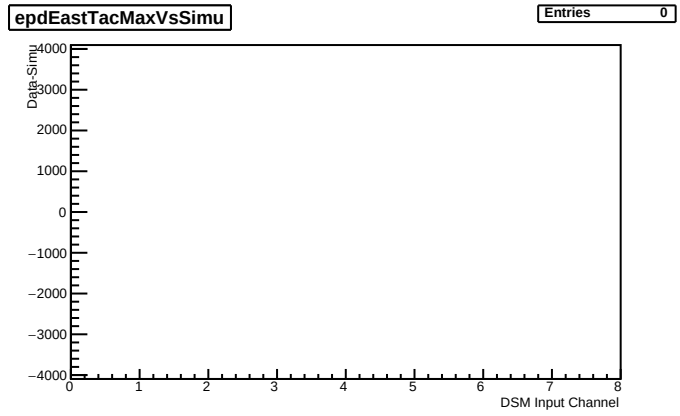
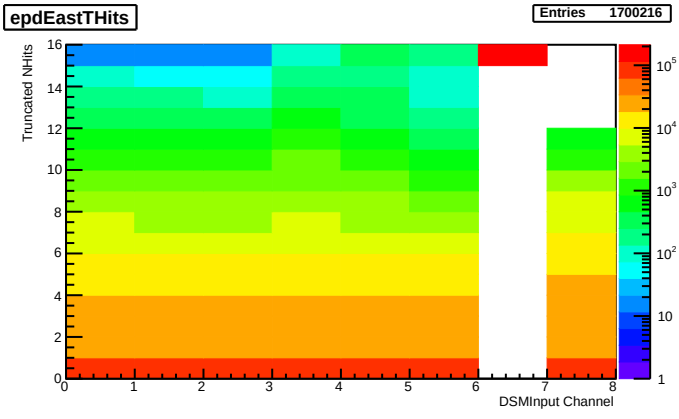
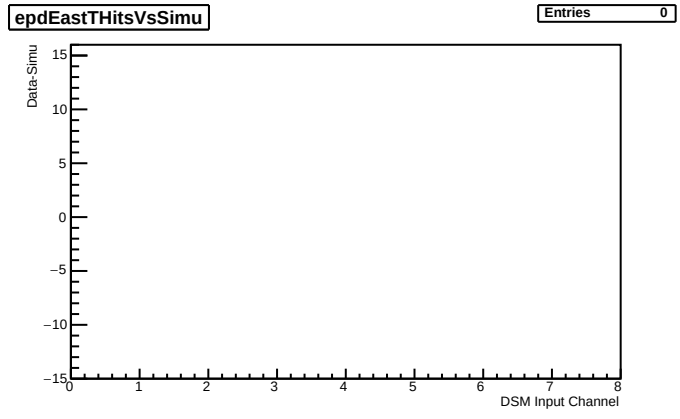
Entries 212527


bbcSmallWestTacMaxVsSimu
Entries 180688
Data
Simu


epdEastTacMax
Entries 1700216
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1700216
Truncated NHits
DSMInput Channel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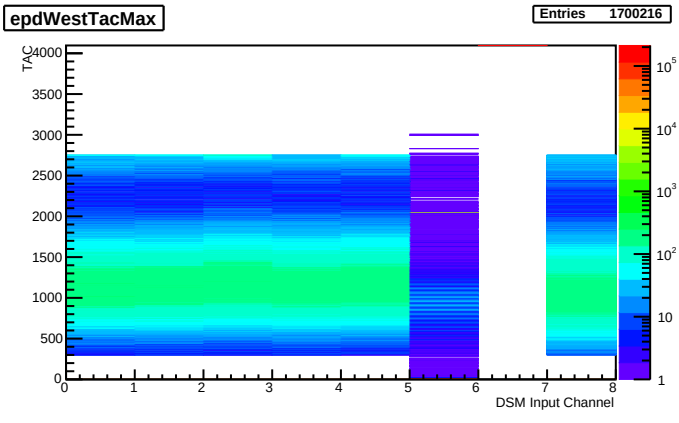
Entries 0
Data-Simu
DSM Input Channel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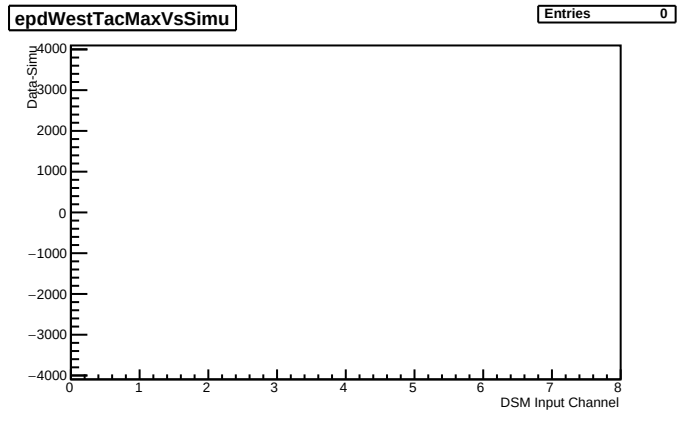
Entries 1700216
TAC
DSM Input Channel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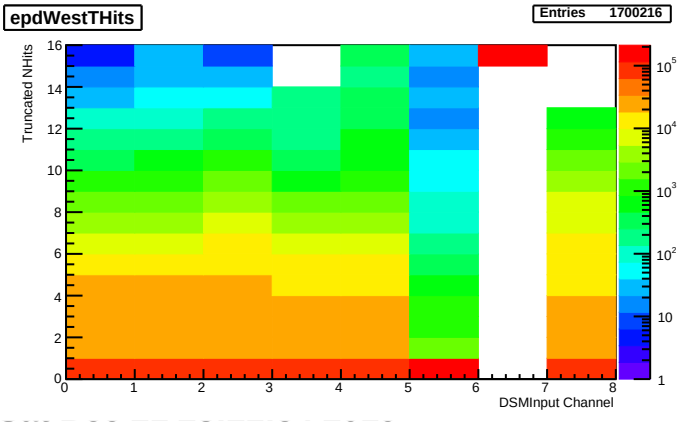
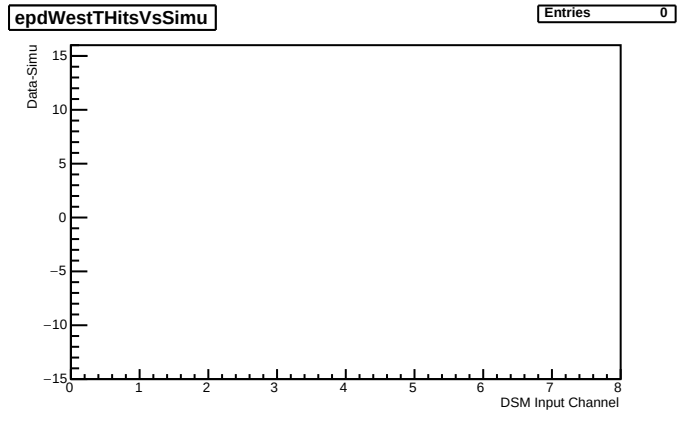
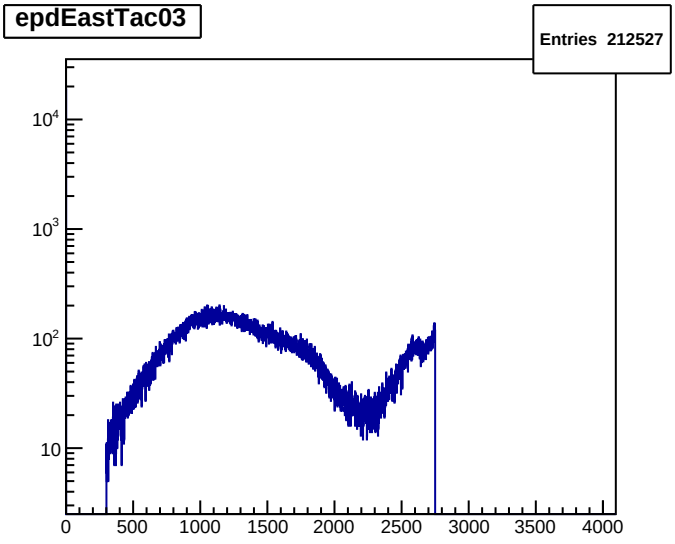
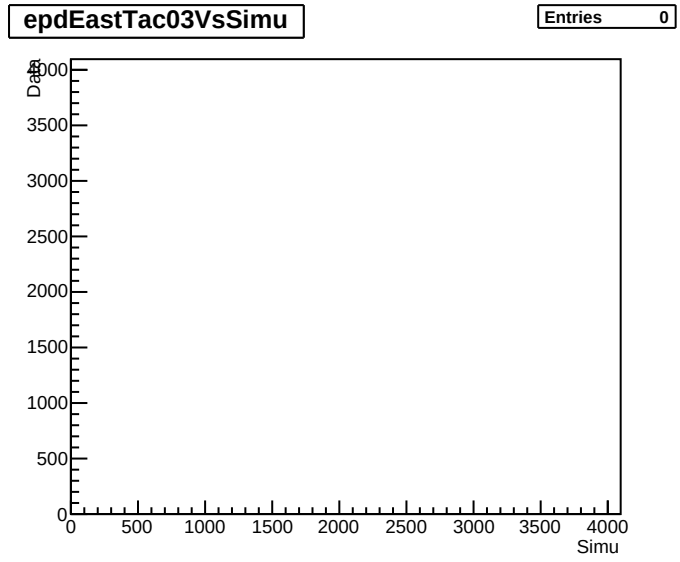
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1700216
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 212527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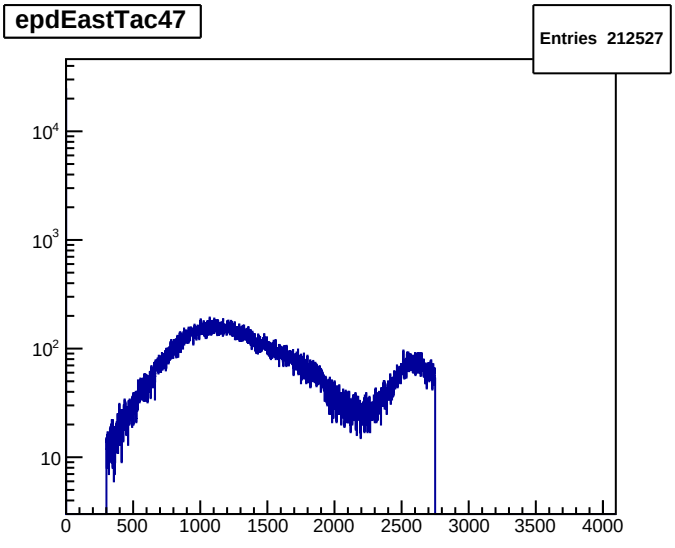
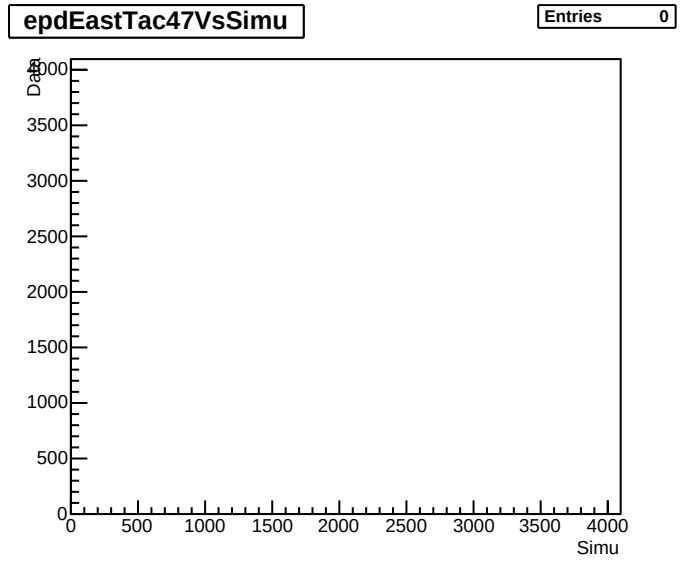
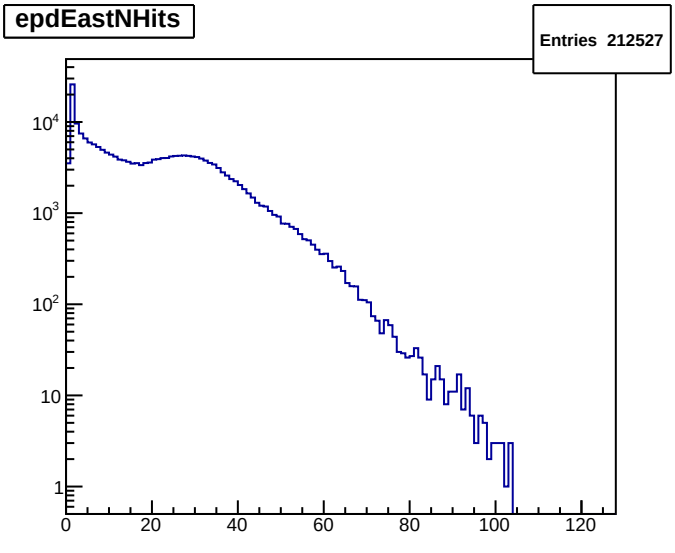
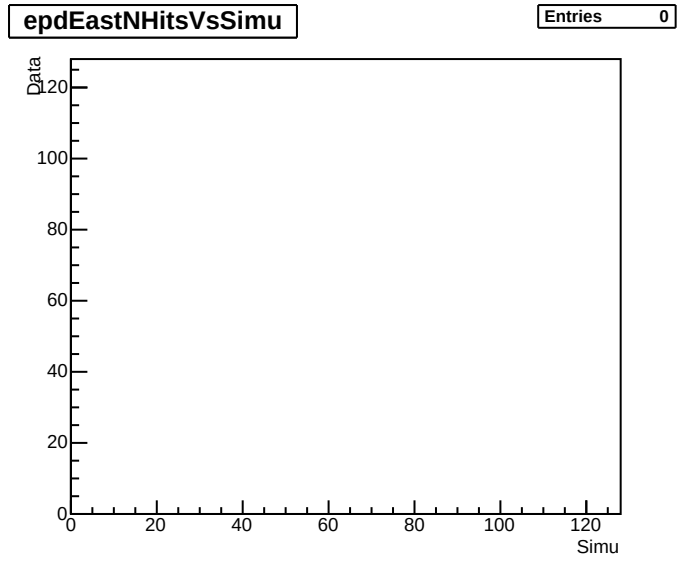
Entries 0
Data
Simu


epdEastTac47
Entries 212527


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 212527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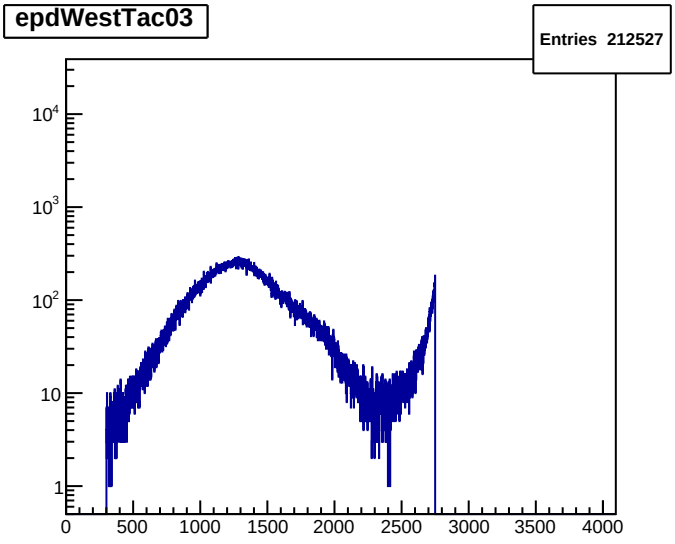
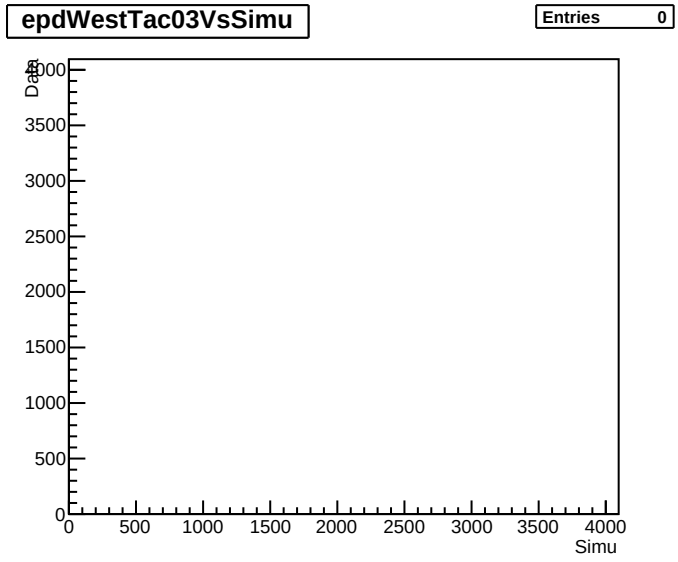
Entries 0
Data
Simu


epdWestTac03
Entries 212527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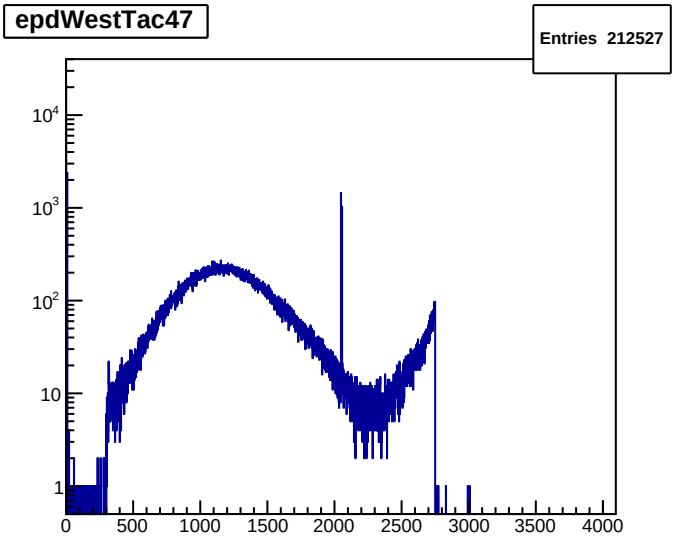
Entries 0
Data
Simu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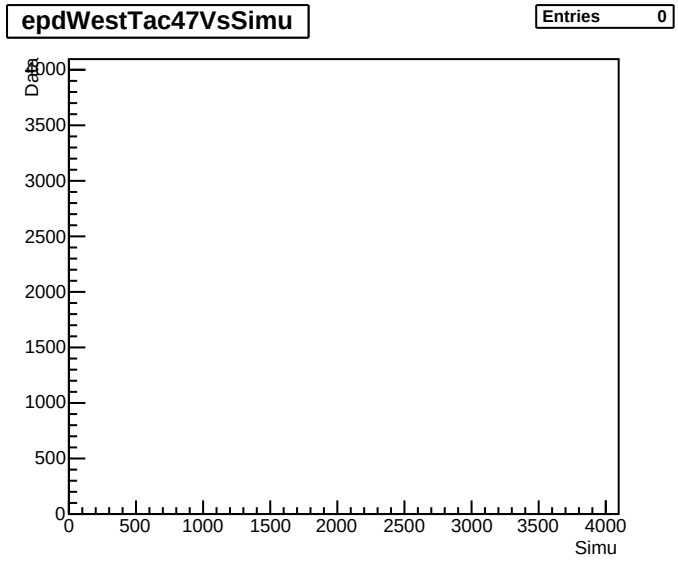
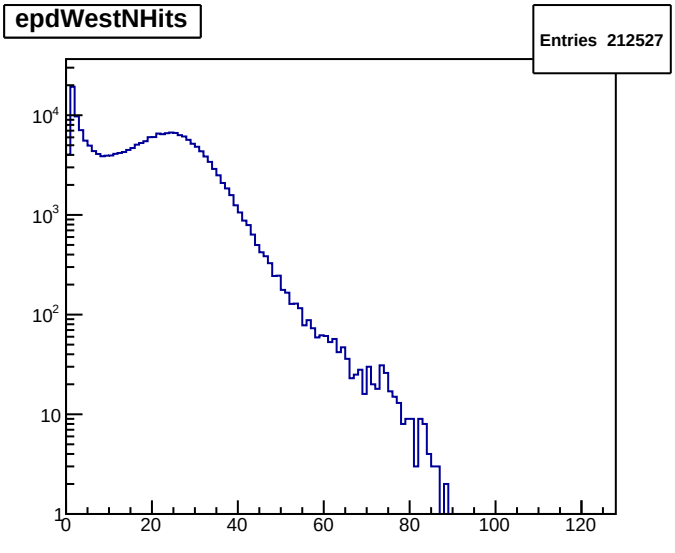
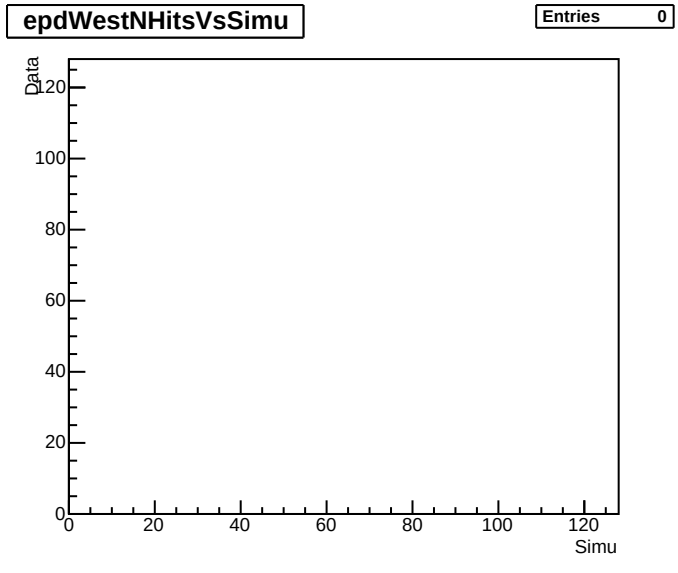
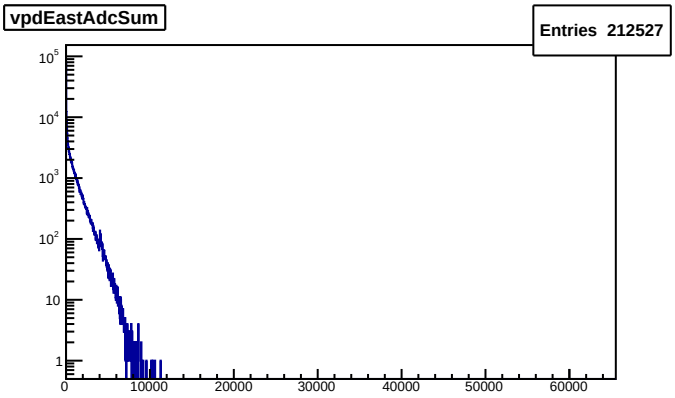
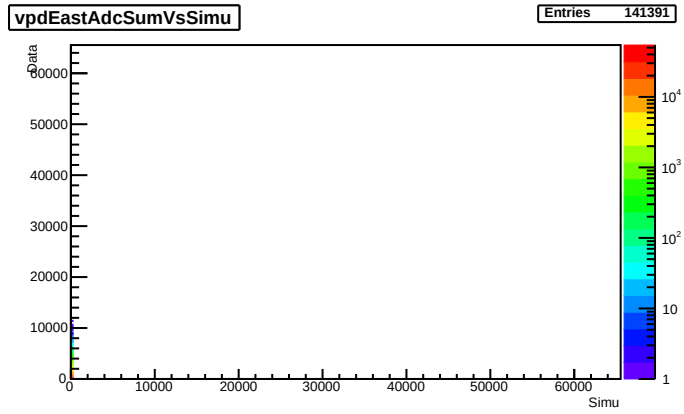
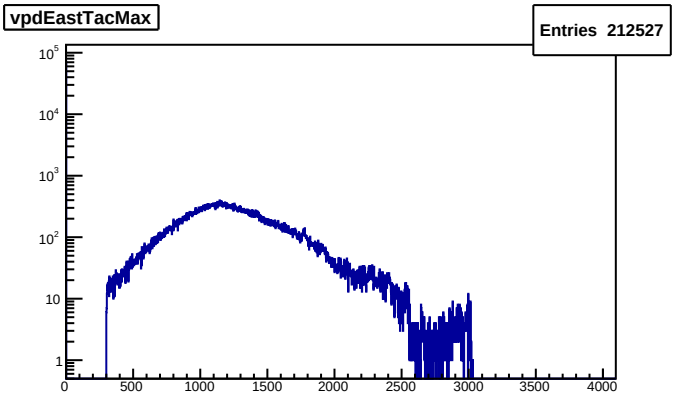

epdWestTac47VsSimu
Entries 0
Data
Simu

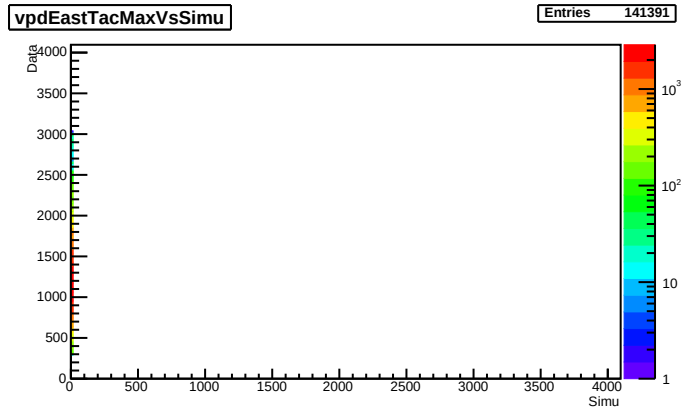

epdWestNHits
Entries 212527

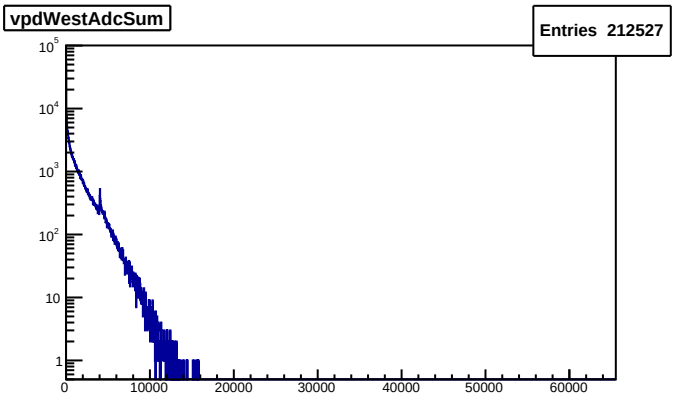

epdWestNHitsVsSimu
Entries 0
Data
Simu

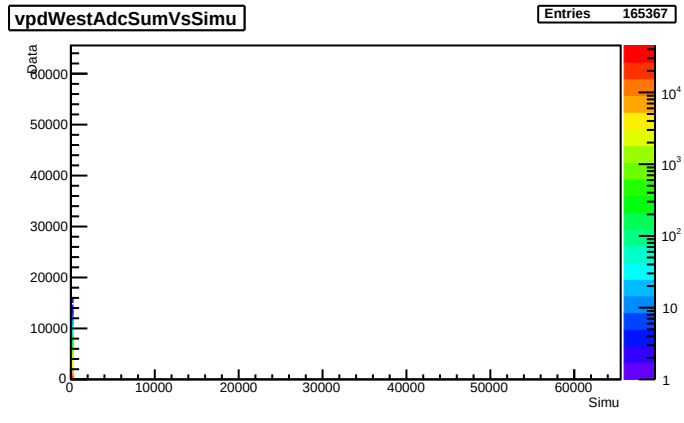

vpdEastAdcSum
Entries 212527

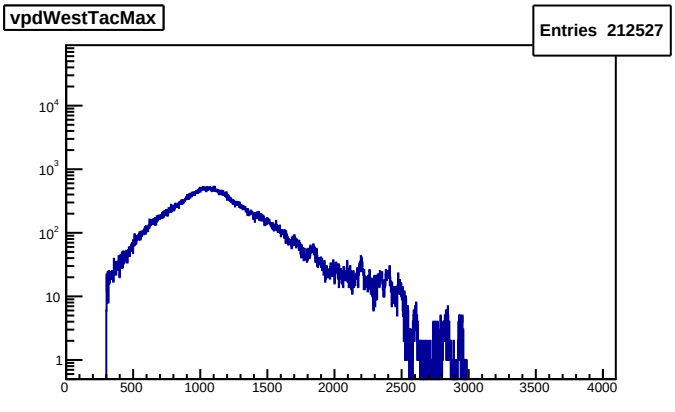

vpdEastAdcSumVsSimu
Entries 141391
Data
Simu

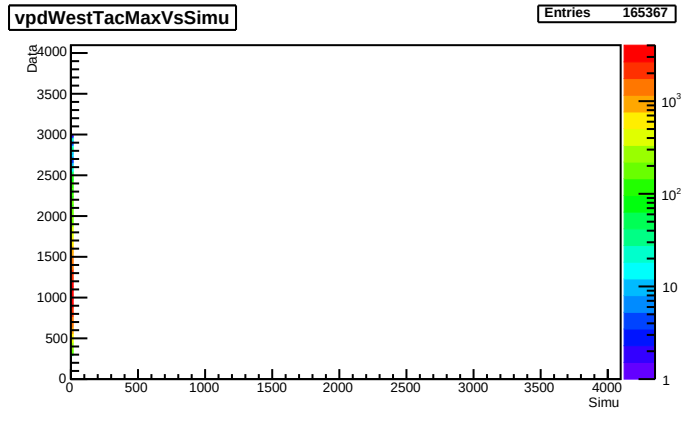

vpdEastTacMax
Entries 212527

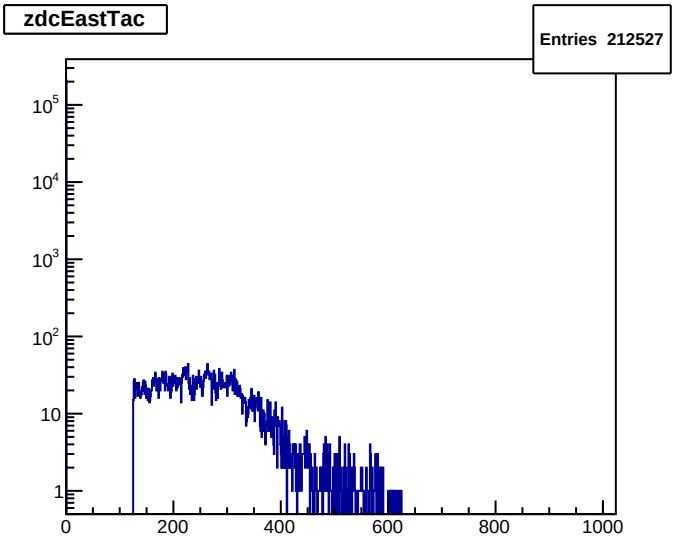

vpdEastTacMaxVsSimu
Entries 141391
Data
Simu

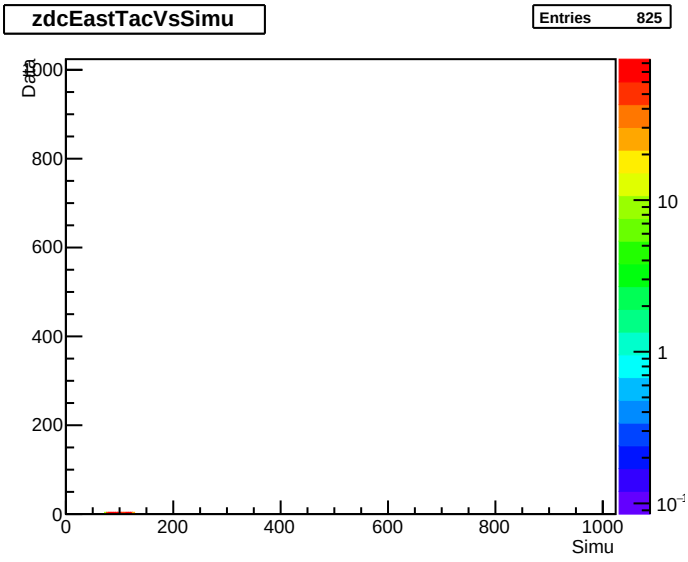

vpdWestAdcSum
Entries 212527

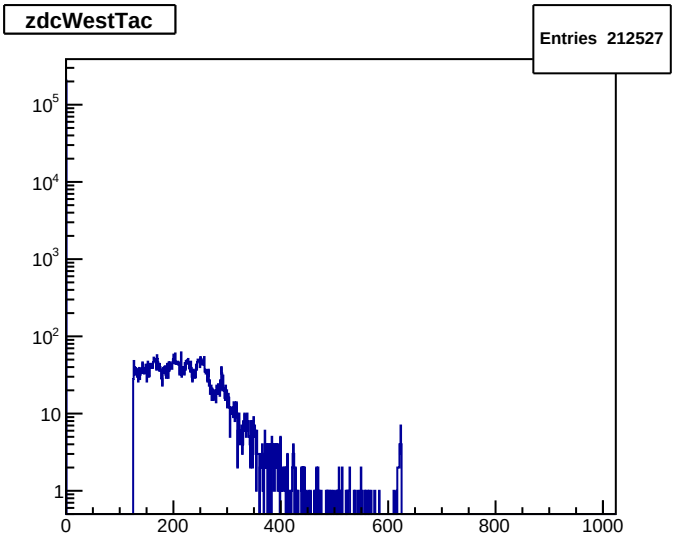

vpdWestAdcSumVsSimu
Entries 165367
Data
Simu

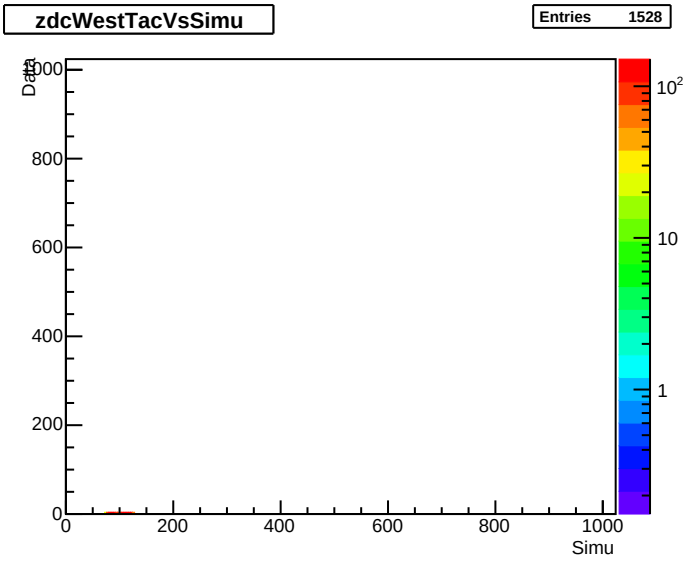

vpdWestTacMax
Entries 212527

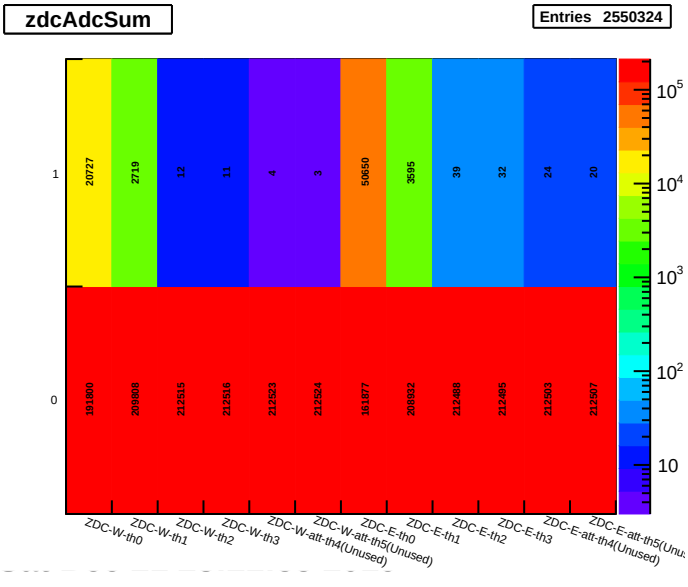

vpdWestTacMaxVsSimu
Entries 165367
Data
Simu

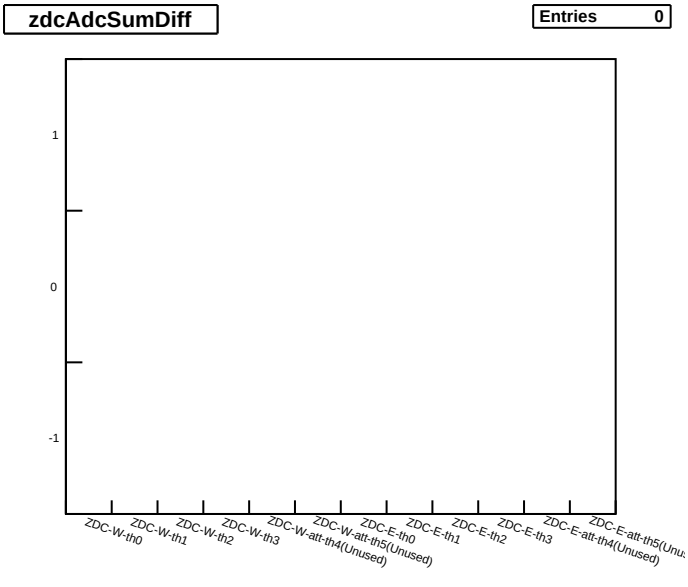

zdcEastTac
Entries 212527

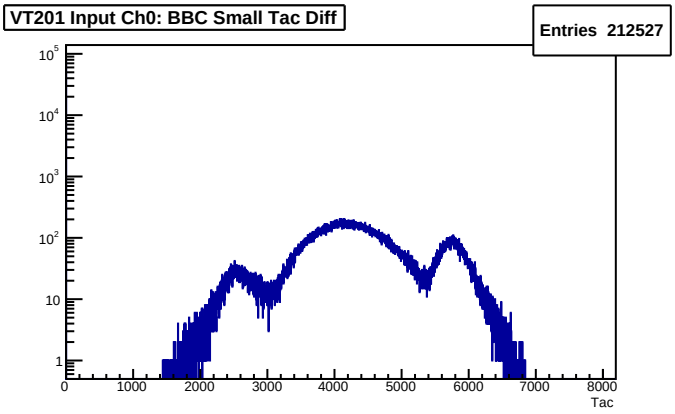

zdcEastTacVsSimu
Entries 825
Data
Simu

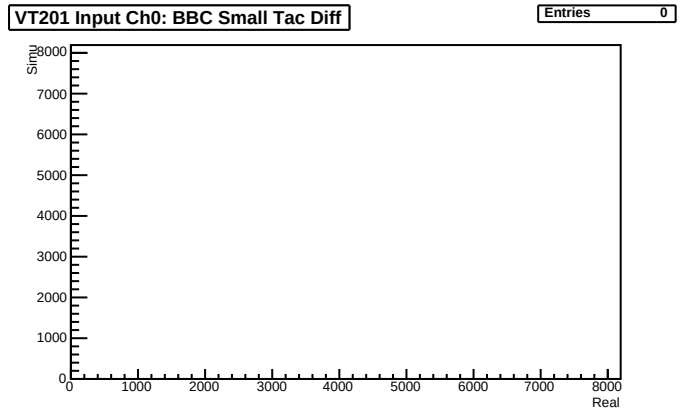

zdcWestTac
Entries 212527

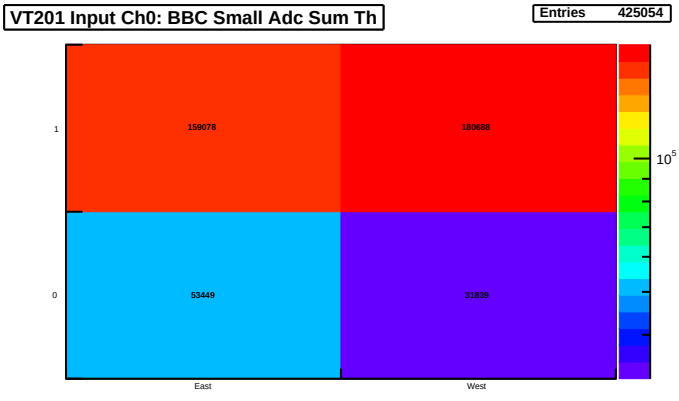

zdcWestTacVsSimu
Entries 1528
Data
Simu

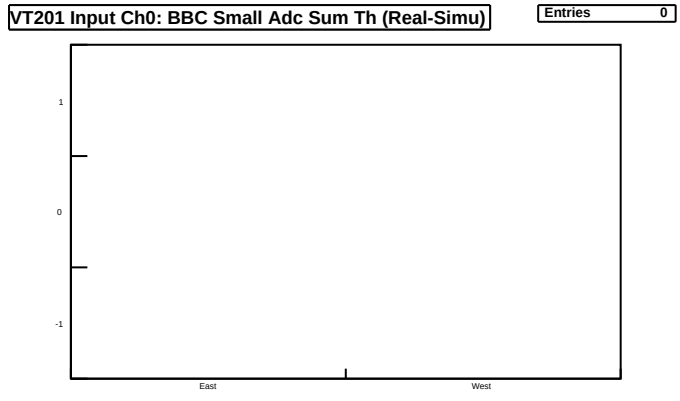

zdcAdcSum
Entries 2550324
20727
2719
12
11
4
3
50650
3595
39
32
24
20
191800
209808
212515
212516
212523
212524
161877
208832
212488
212495
212503
212507
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

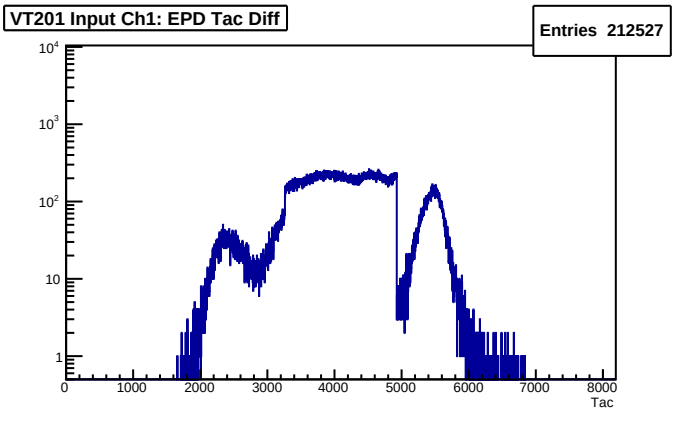

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

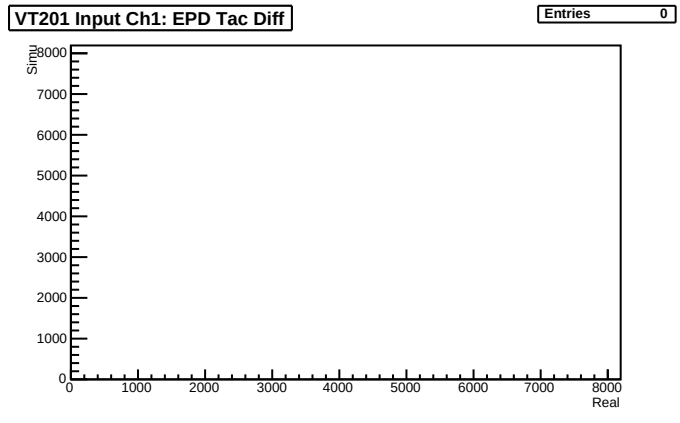

VT201 Input Ch0: BBC Small Tac Diff
Entries 212527
Tac

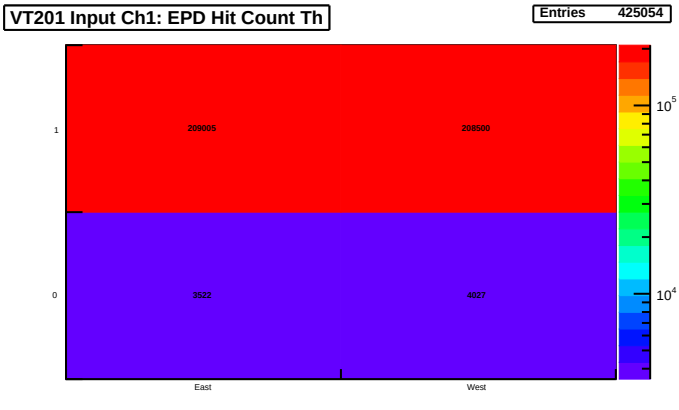

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

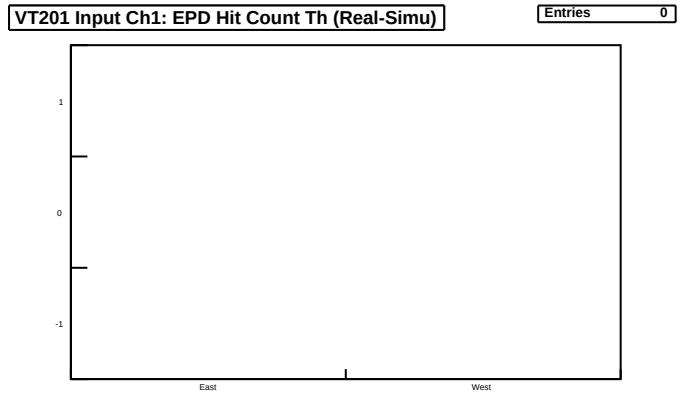

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 425054
159078
180688
53449
31839
East
West

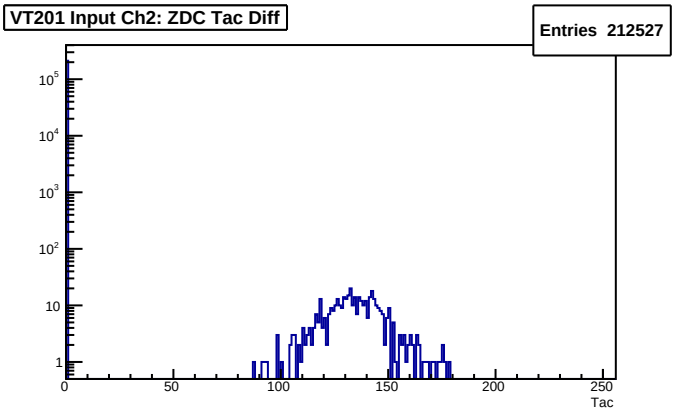

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

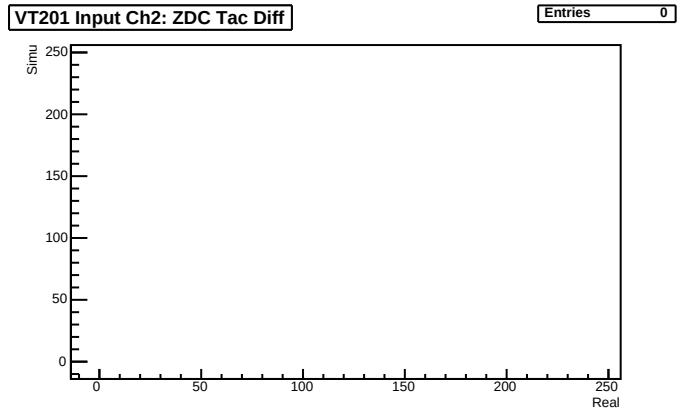

VT201 Input Ch1: EPD Tac Diff
Entries 212527
Tac

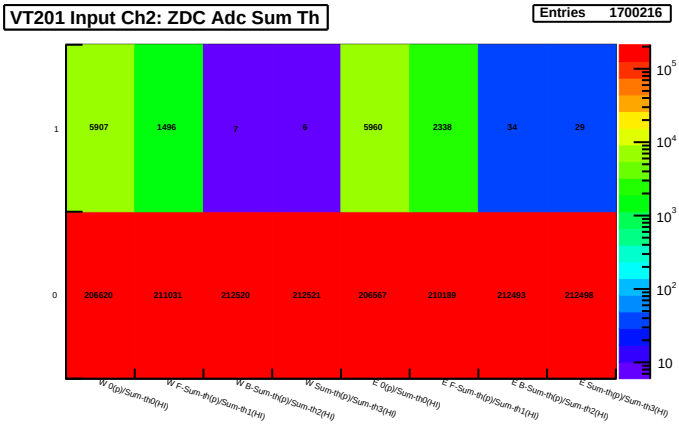

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

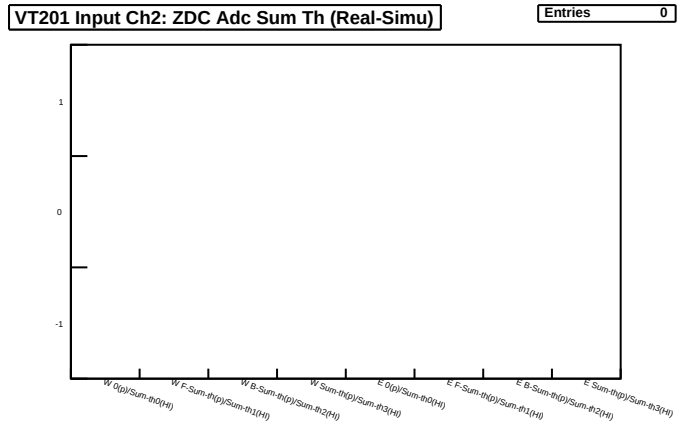

VT201 Input Ch1: EPD Hit Count Th
Entries 425054
209005
208500
3522
4027
East
West

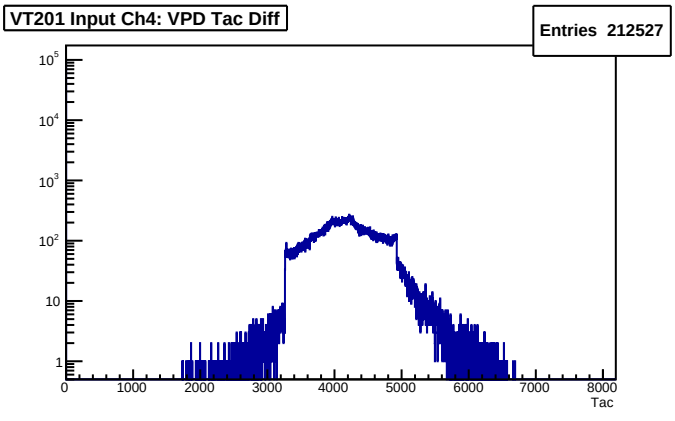

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

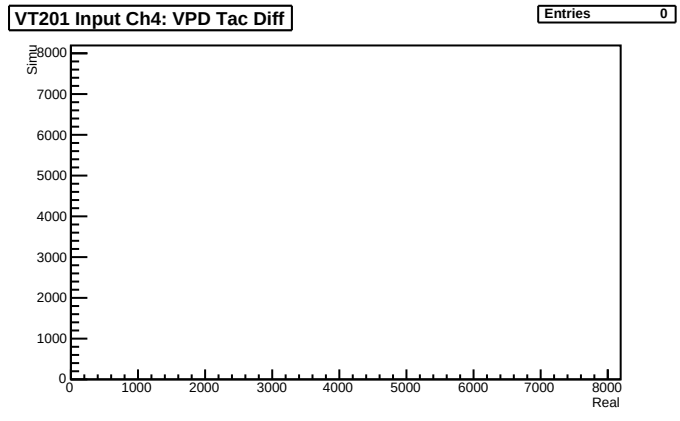

VT201 Input Ch2: ZDC Tac Diff
Entries 212527
Tac

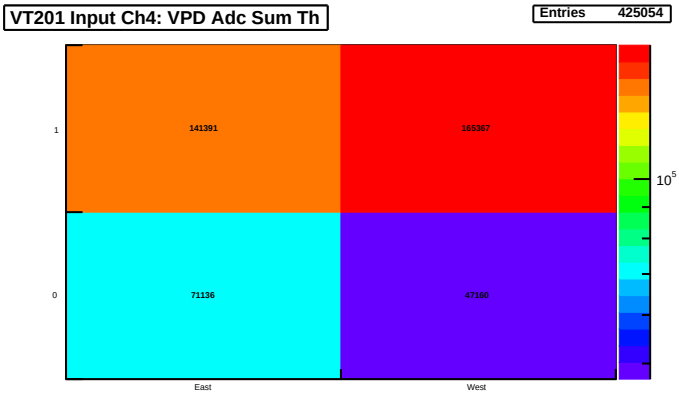

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

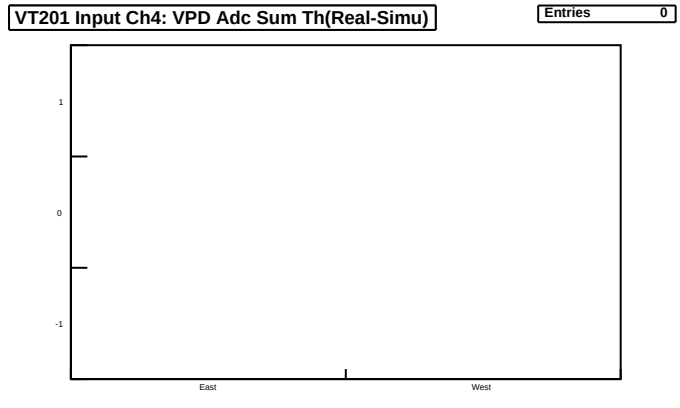

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1700216
5907
1496
7
6
5960
2338
34
29
206620
211031
212520
212521
206567
210189
212493
212498
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

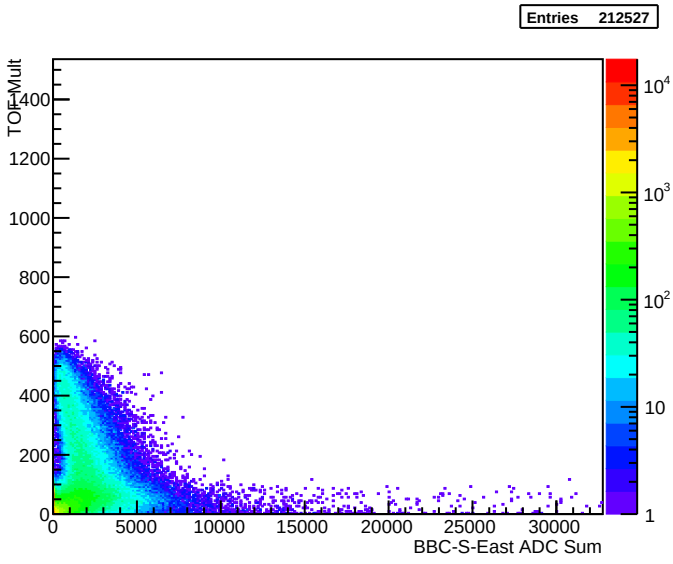

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

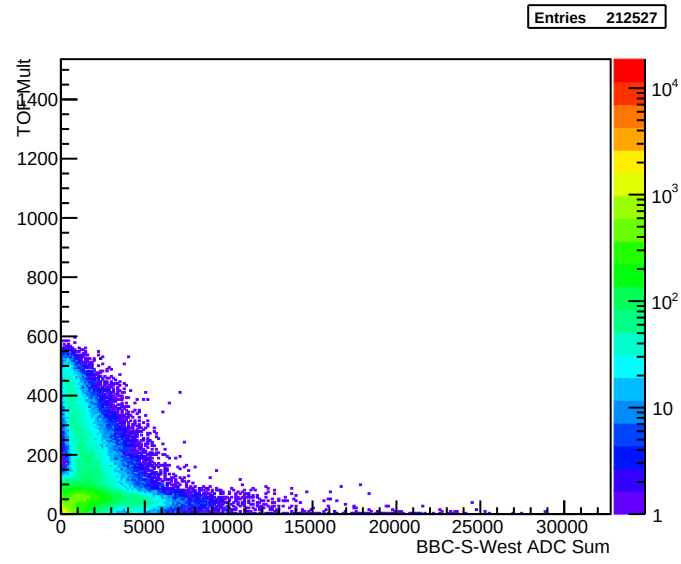

VT201 Input Ch4: VPD Tac Diff
Entries 212527
Tac

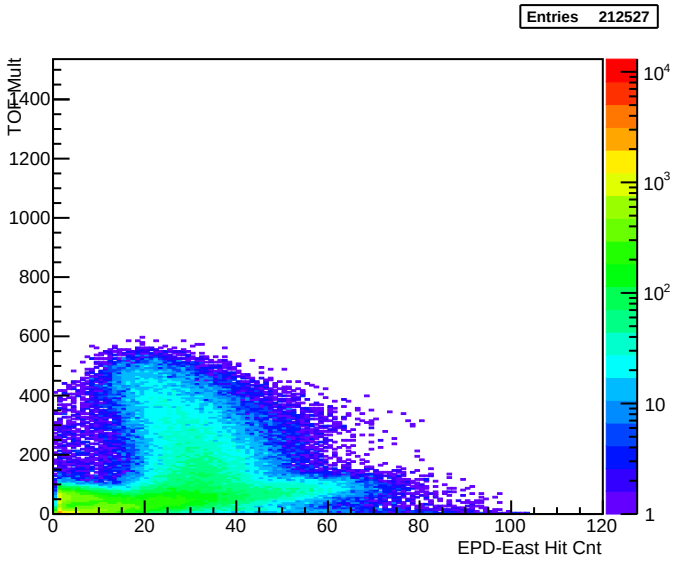

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

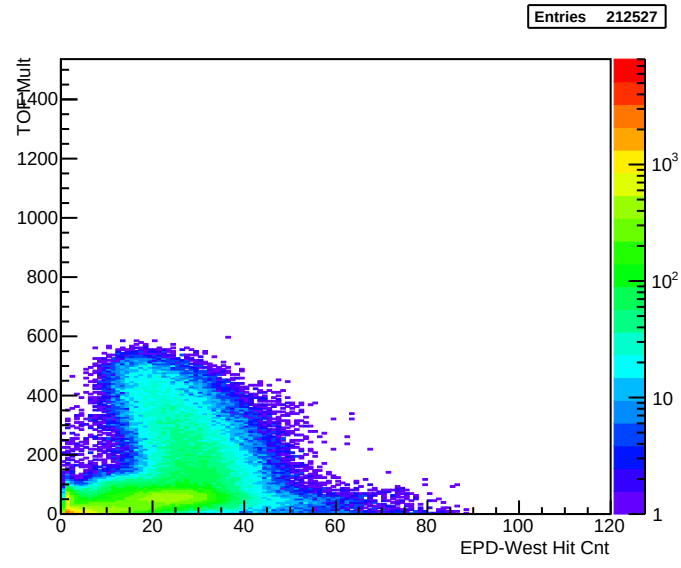

VT201 Input Ch4: VPD Adc Sum Th
Entries 425054
141391
165367
71136
47160
East
West

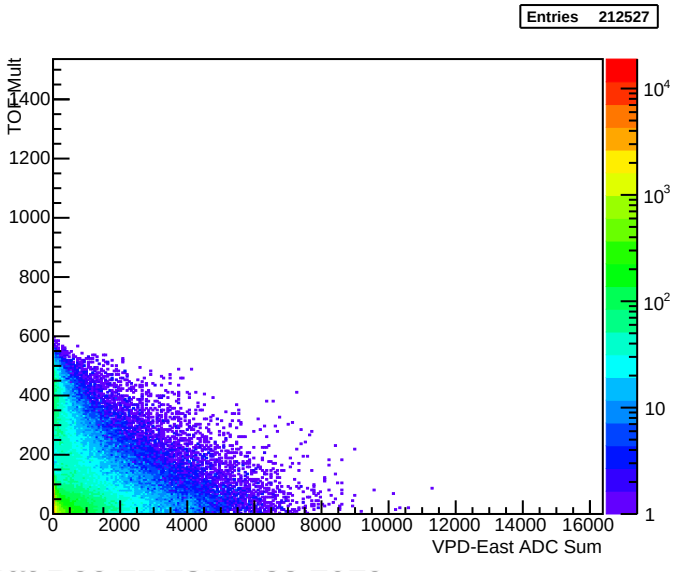

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

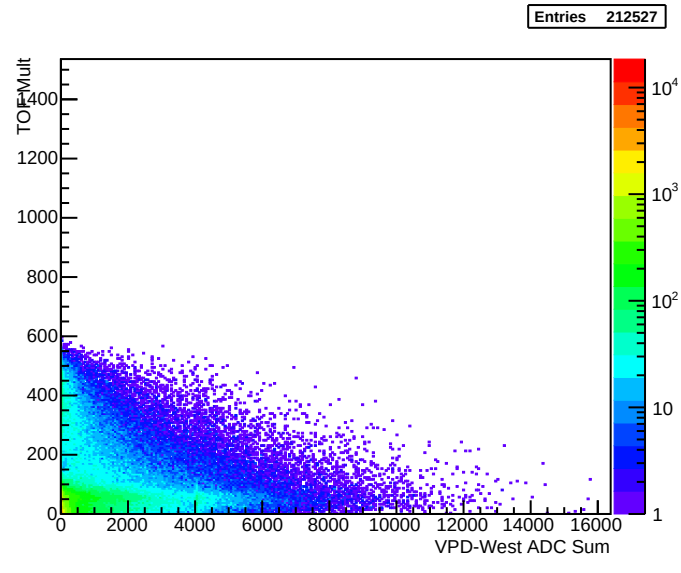

Entries 212527
TOF-Mult
BBC-S-East ADC Sum

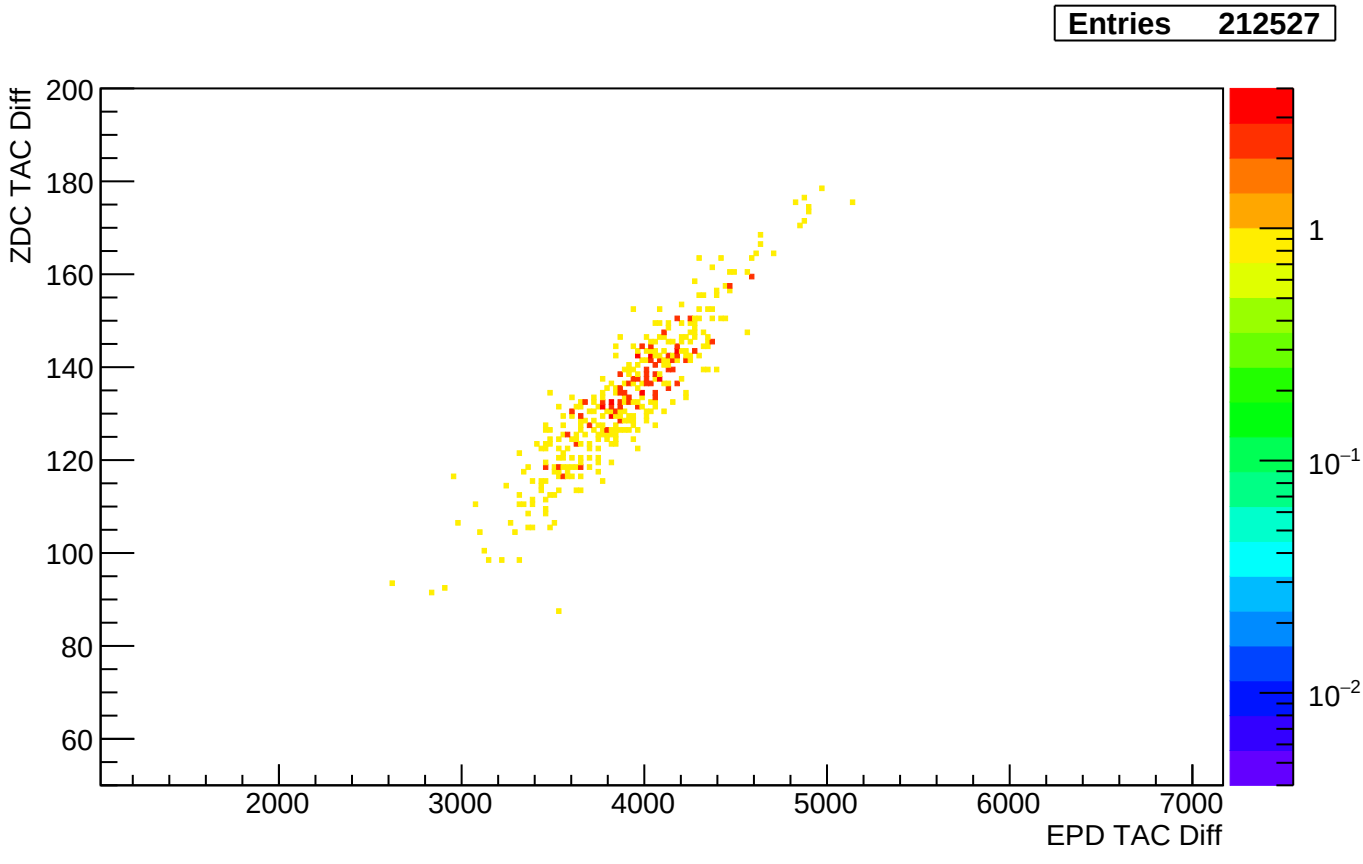

Entries 212527
TOF-Mult
BBC-S-West ADC Sum

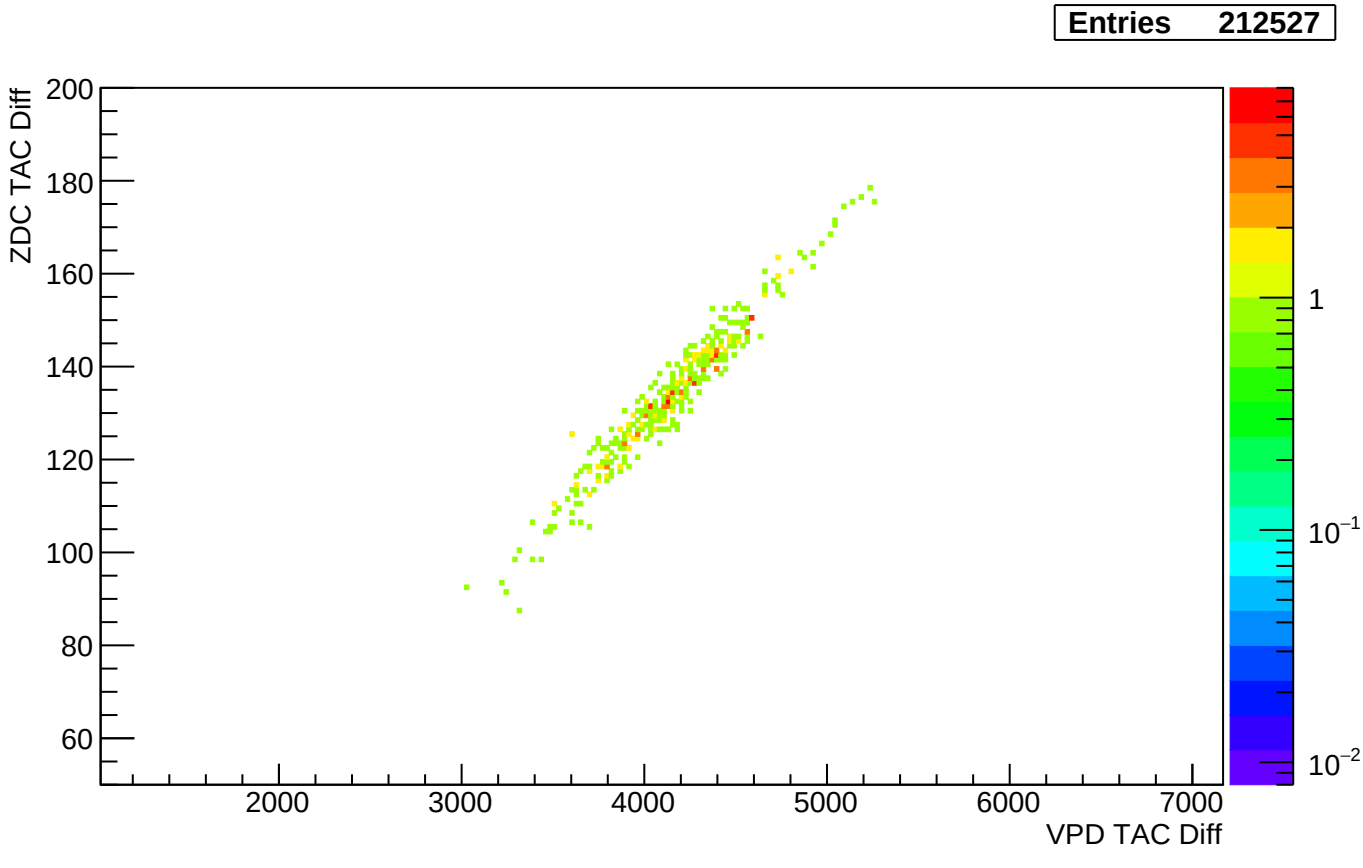

Entries 212527
TOF-Mult
EPD-East Hit Cnt

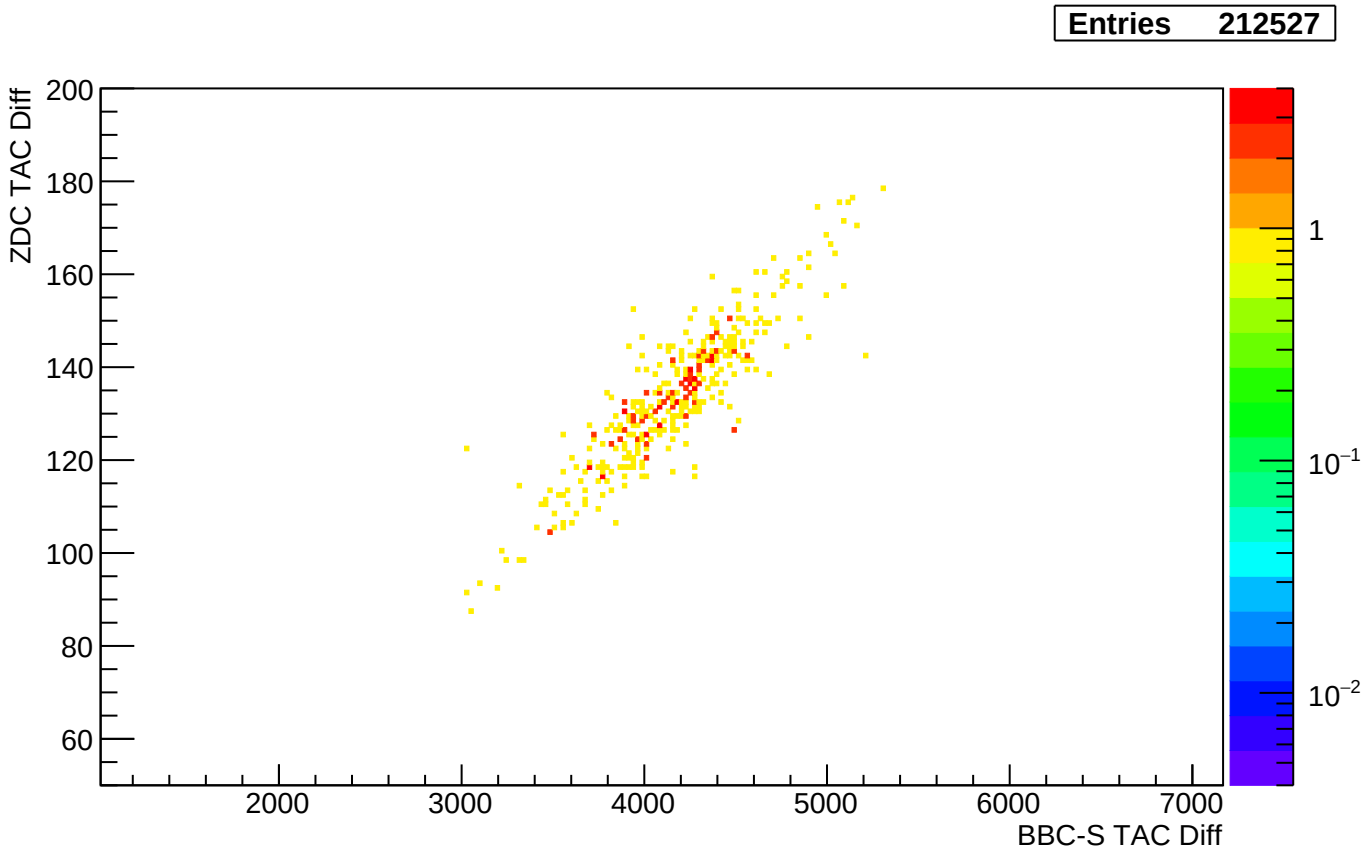

Entries 212527
TOF-Mult
EPD-West Hit Cnt

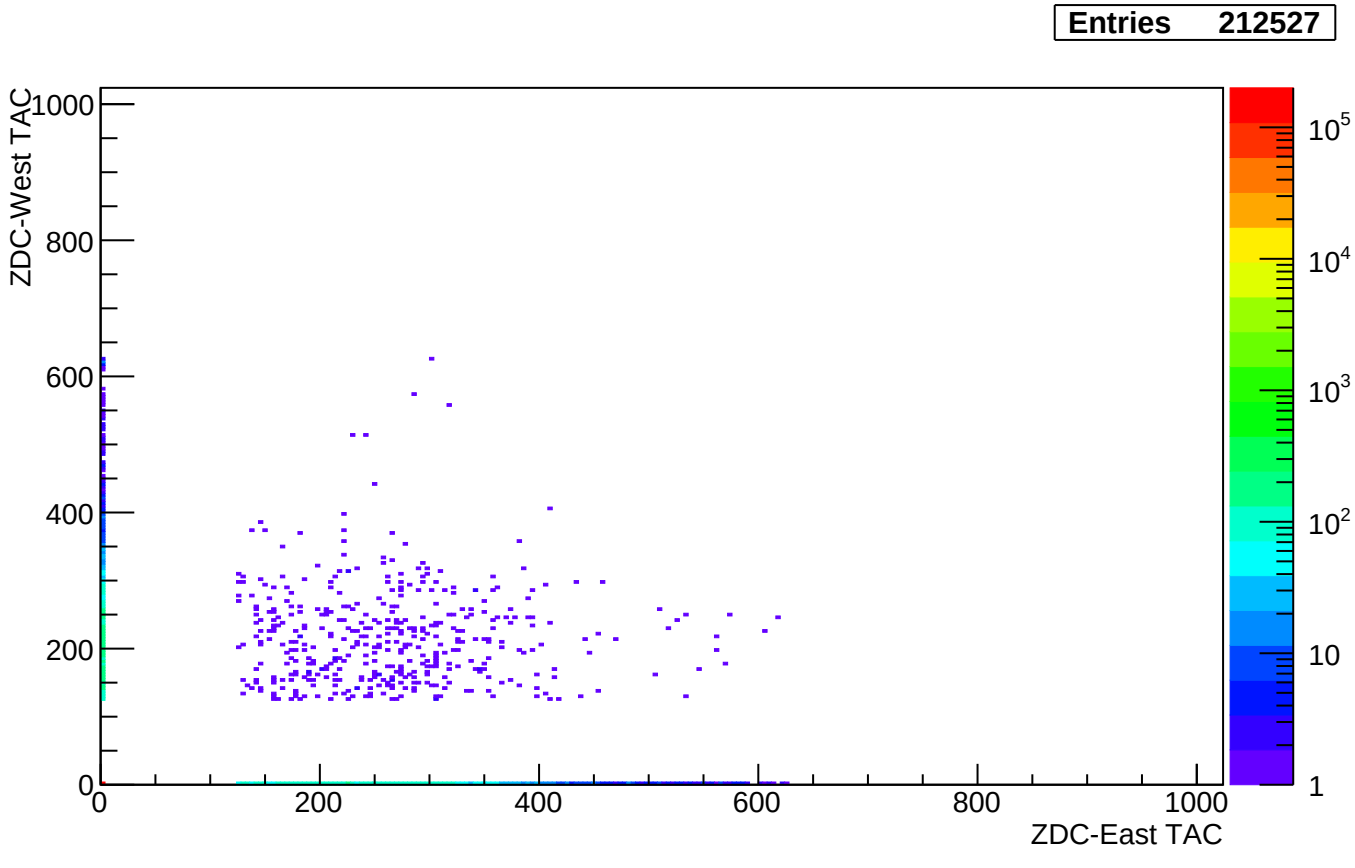

Entries 212527
TOF-Mult
VPD-East ADC Sum

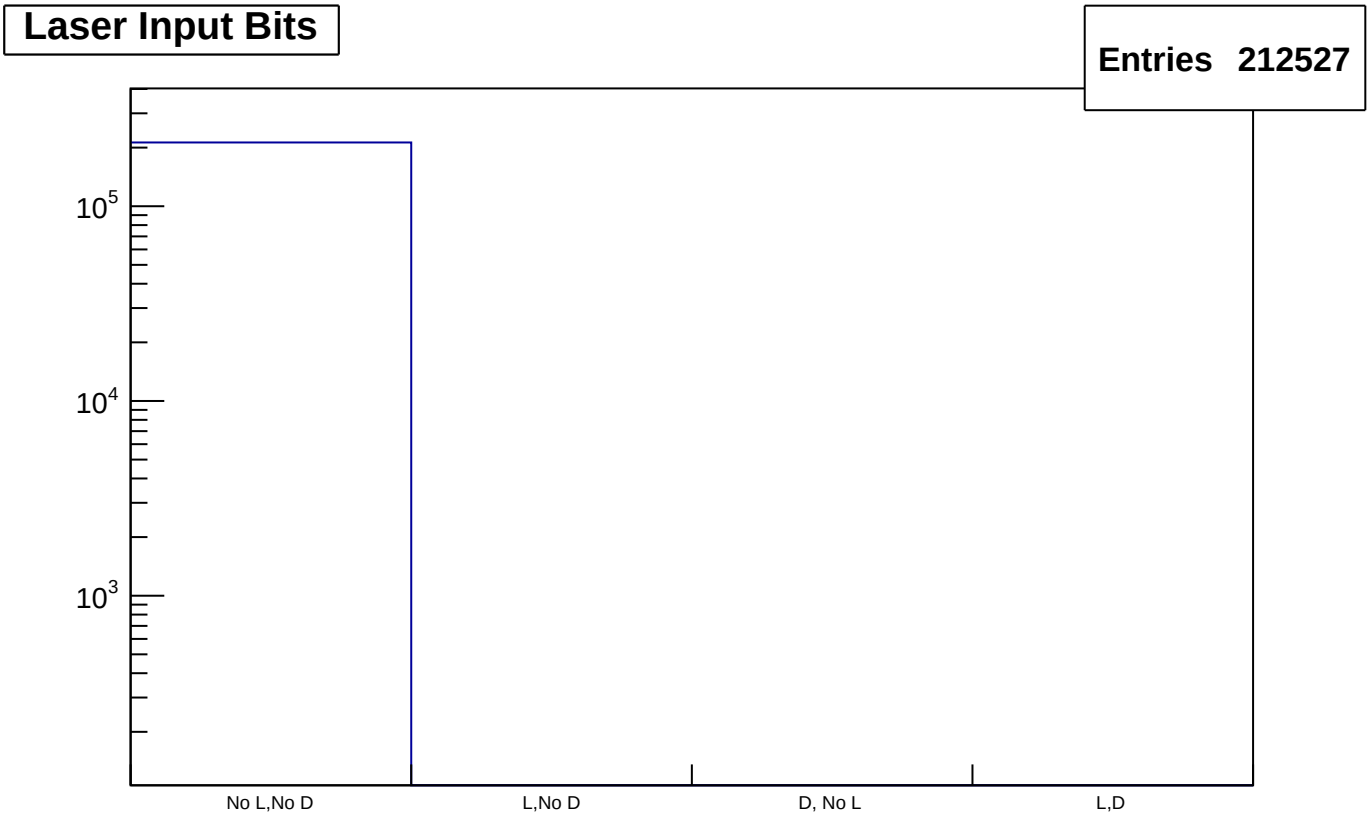

Entries 212527
TOF-Mult
VPD-West ADC Sum

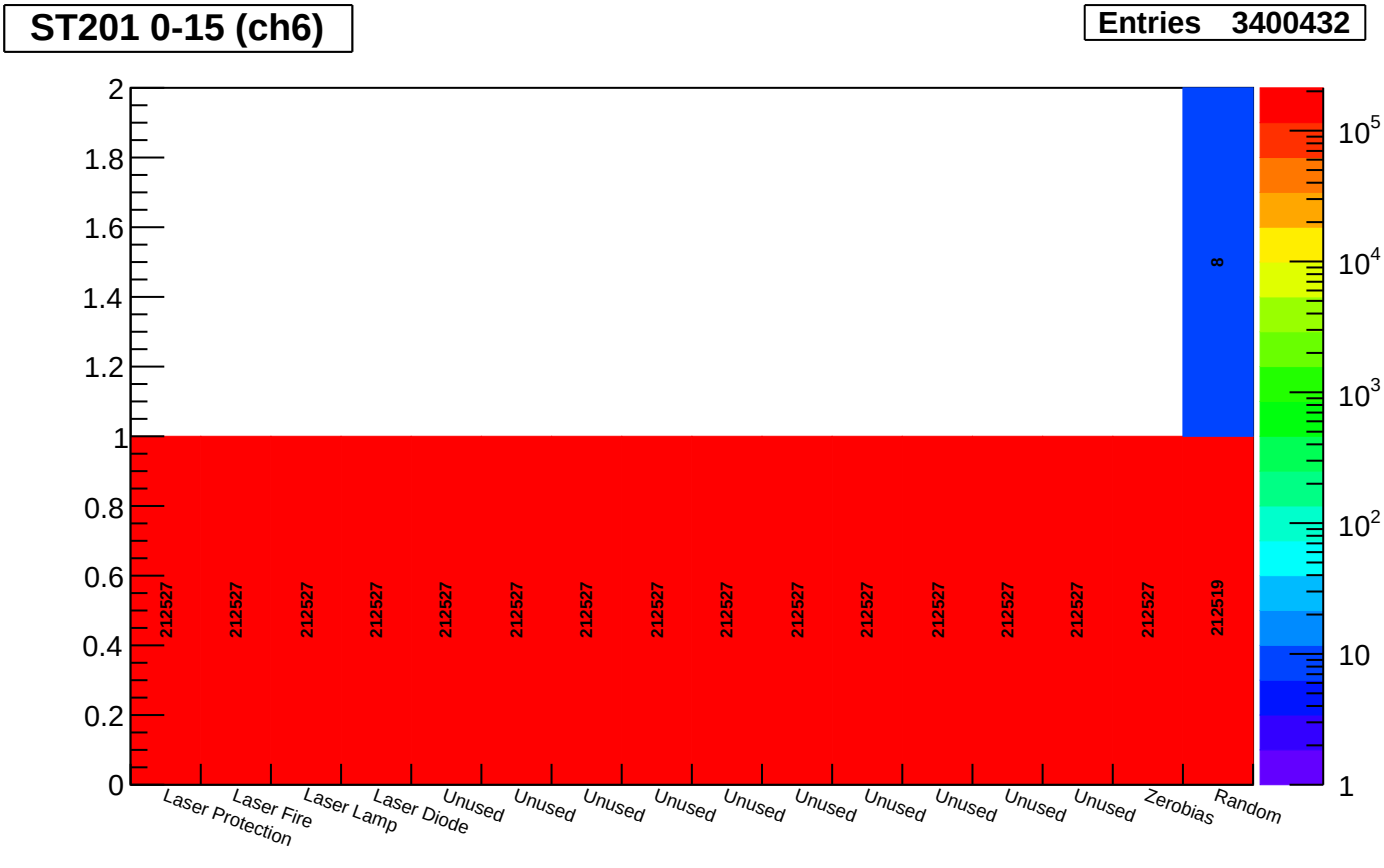

Entries 212527
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

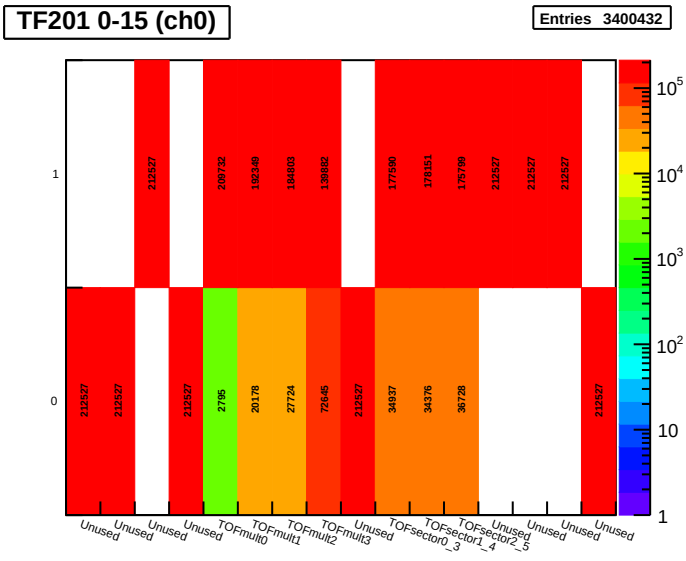

Entries 212527
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

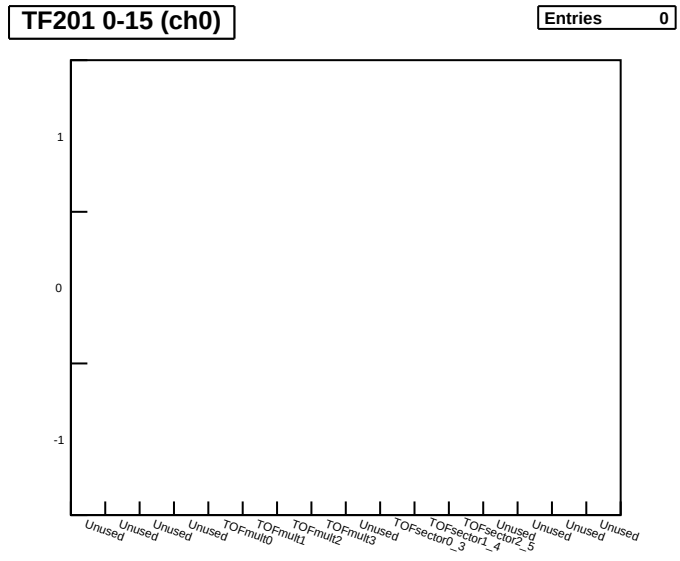

Entries 212527
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

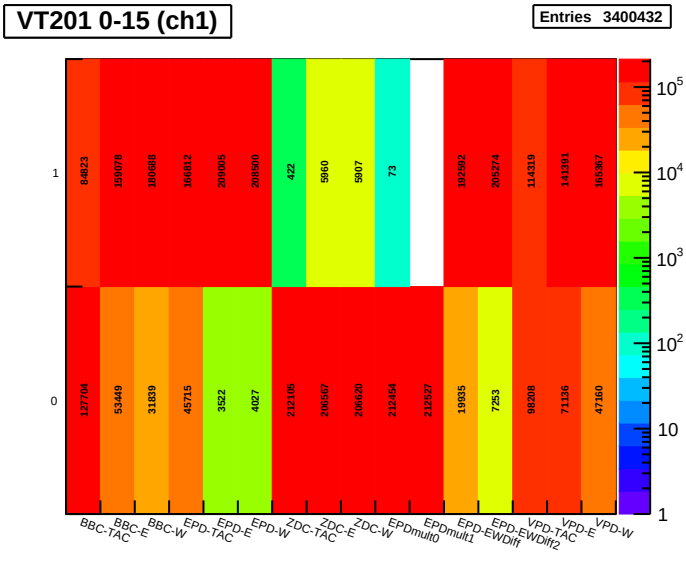

Entries 212527
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

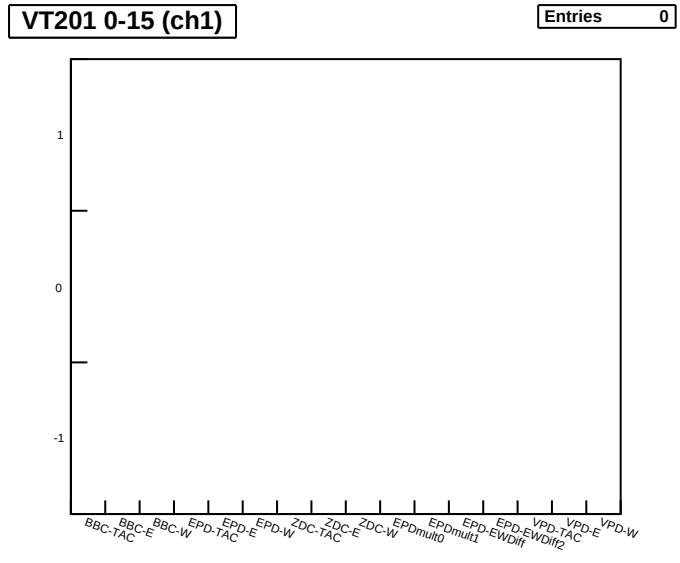

Laser Input Bits
Entries 212527
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

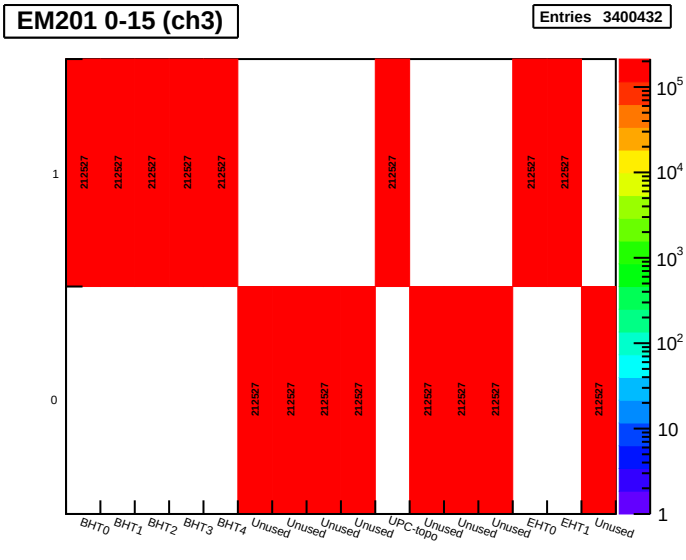

ST201 0-15 (ch6)
Entries 3400432
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212519
8
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

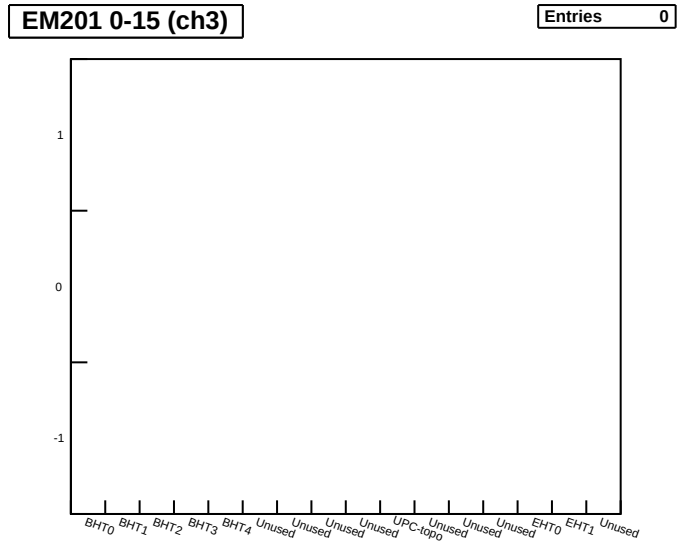

TF201 0-15 (ch0)
Entries 3400432
1
0
212527
212527
212527
212527
209732
192349
184803
139882
177590
178151
175799
212527
212527
212527
212527
212527
2795
20178
27724
72645
212527
34937
34376
36728
212527
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 3400432
1
0
84823
159078
180688
166812
209005
208500
422
5960
5907
73
192592
205274
114319
141391
165367
127704
53449
31839
45715
3522
4027
212105
206567
206620
212454
212527
19935
7253
98208
71136
47160
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 3400432
1
0
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
212527
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