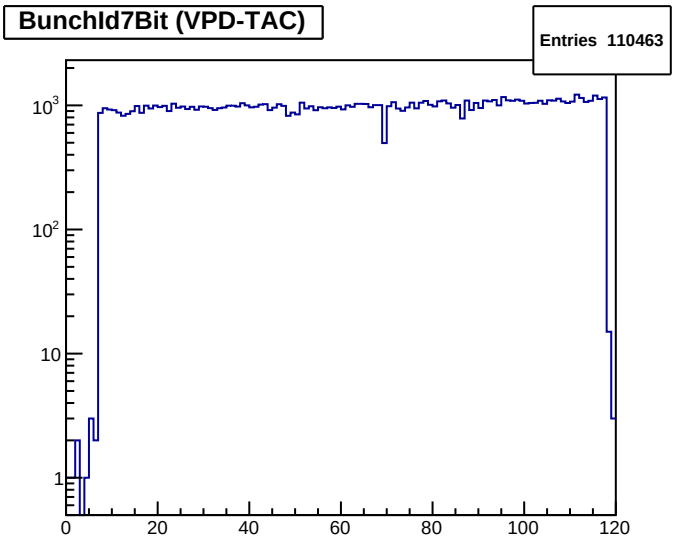
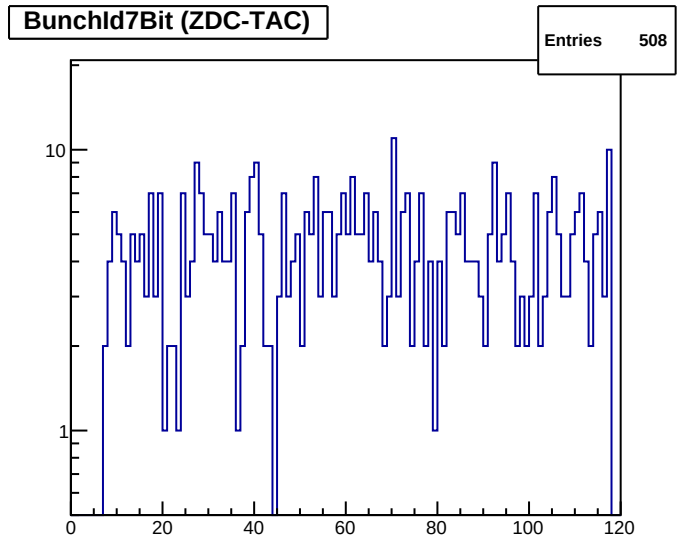
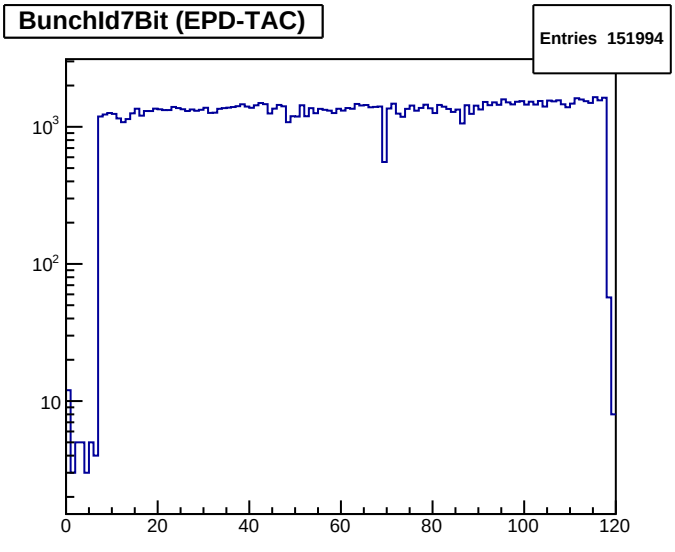
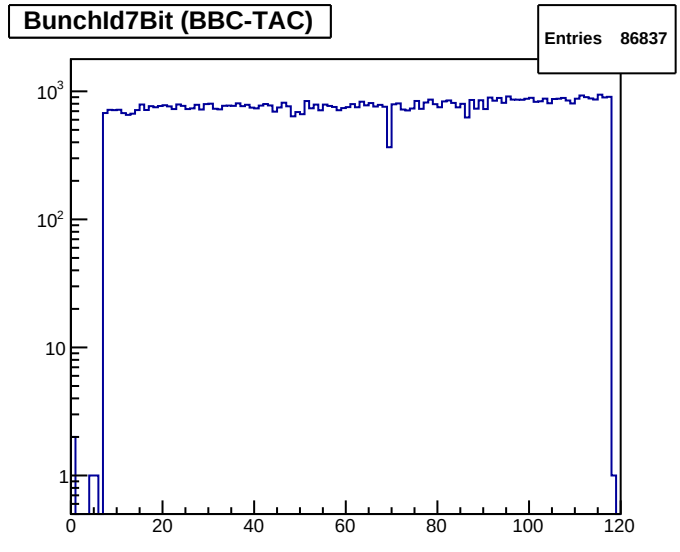
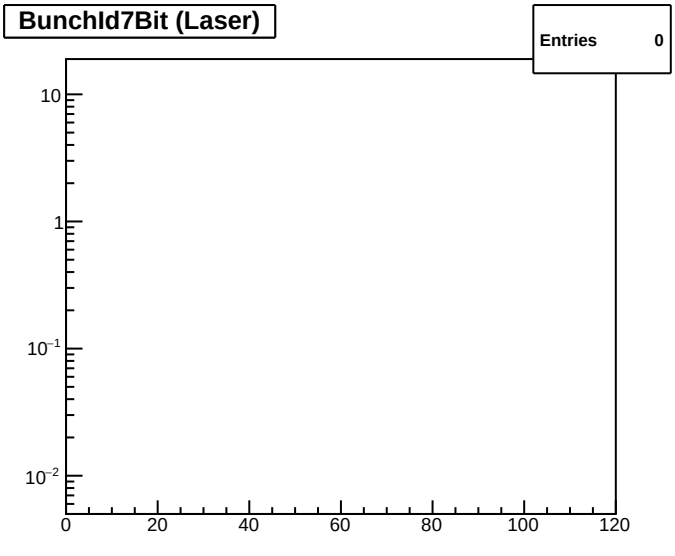
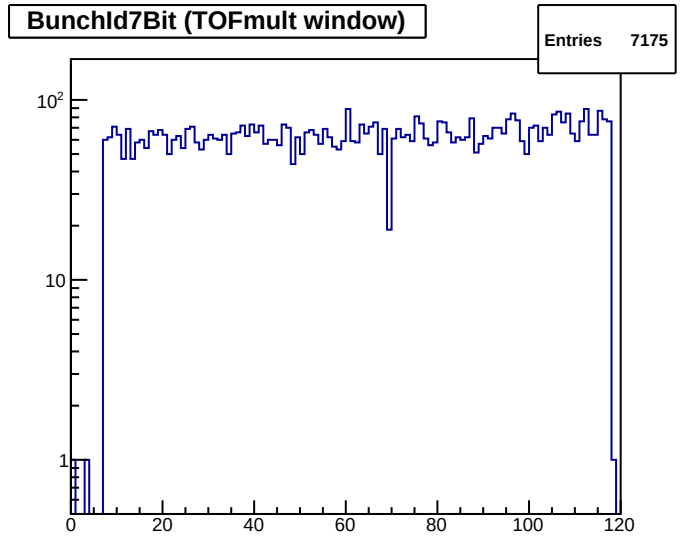

BunchId7Bit (VPD-TAC)
Entries 110463

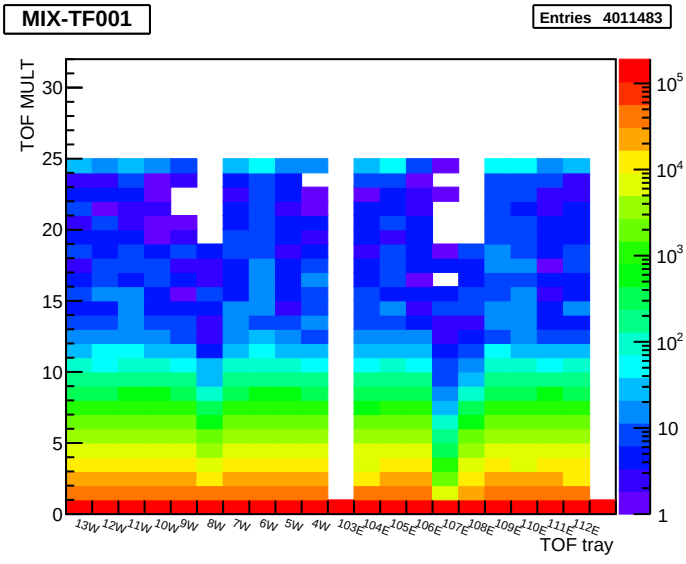

BunchId7Bit (ZDC-TAC)
Entries 508

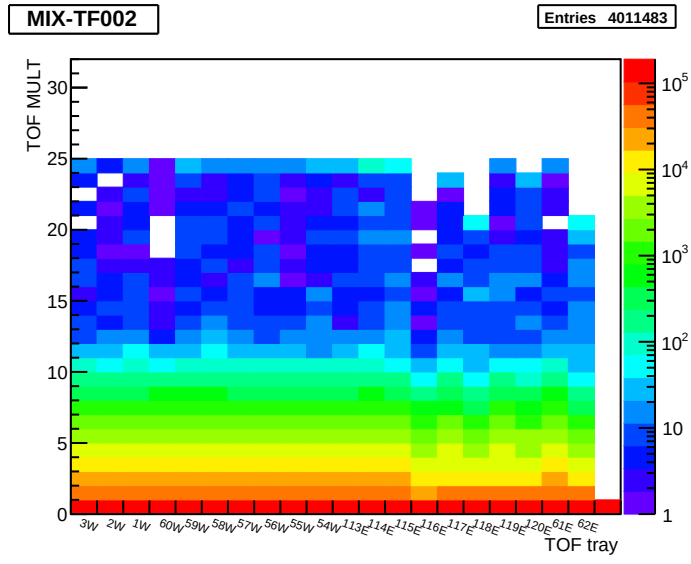

BunchId7Bit (EPD-TAC)
Entries 151994

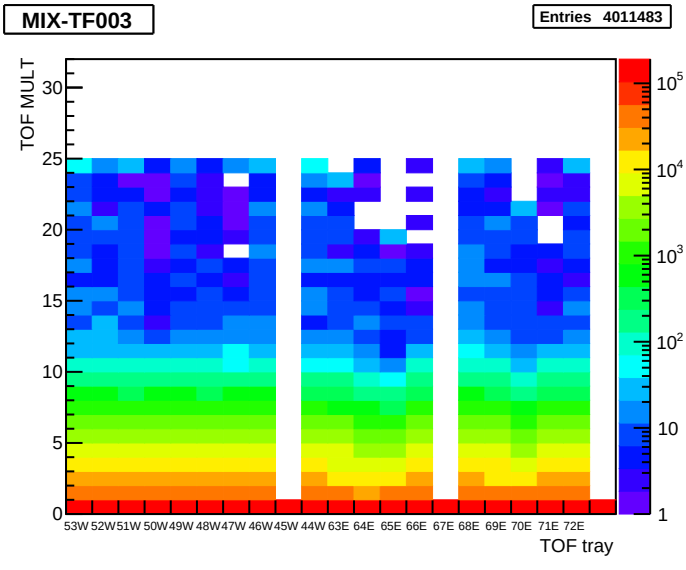

BunchId7Bit (BBC-TAC)
Entries 86837

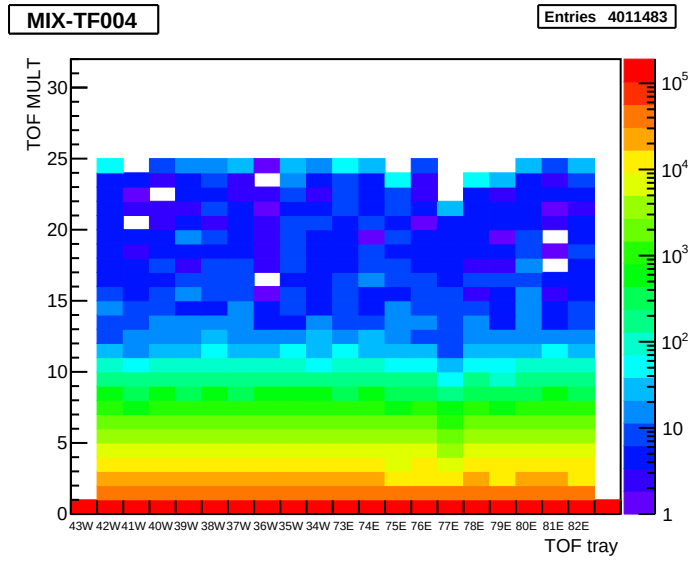

BunchId7Bit (Laser)
Entries 0

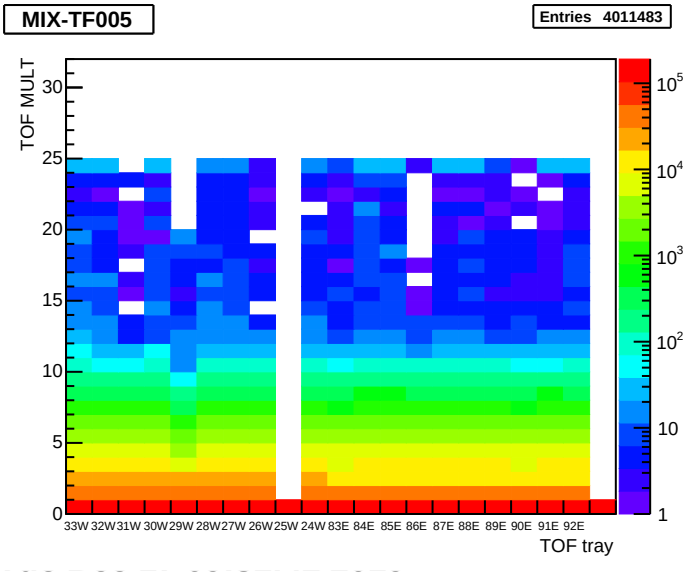

BunchId7Bit (TOFmult window)
Entries 7175

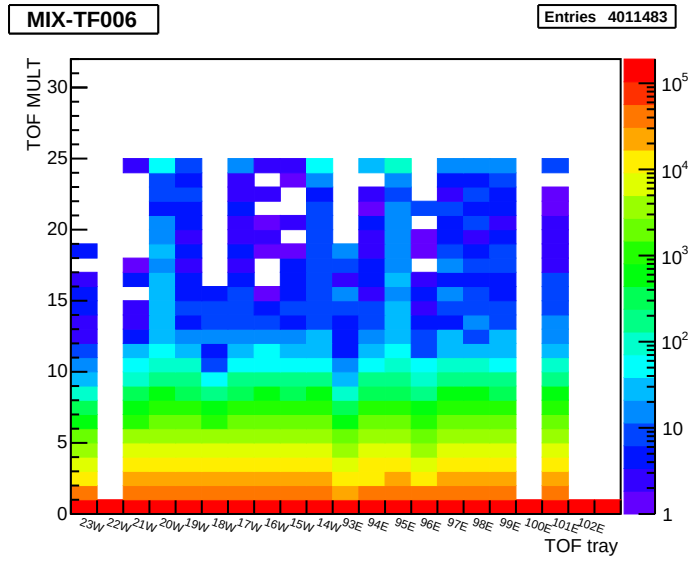

MIX-TF001
Entries 4011483
TOF MULT
TOF tray

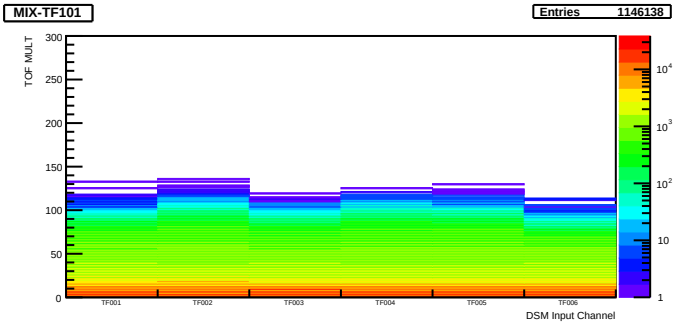

MIX-TF002
Entries 4011483
TOF MULT
TOF tray

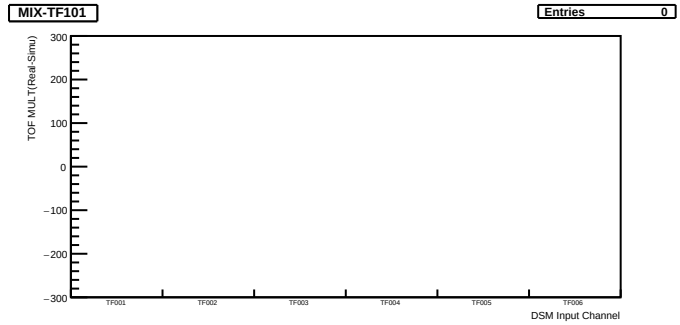

MIX-TF003
Entries 4011483
TOF MULT
TOF tray

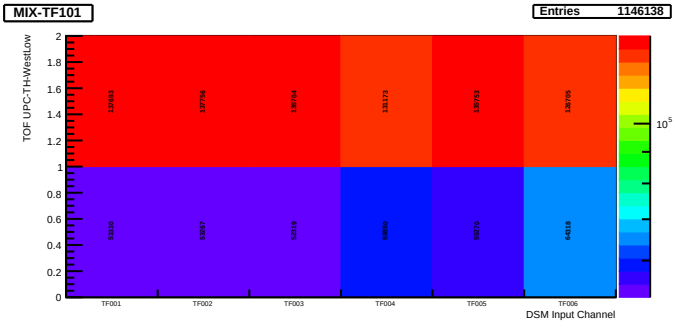

MIX-TF004
Entries 4011483
TOF MULT
TOF tray

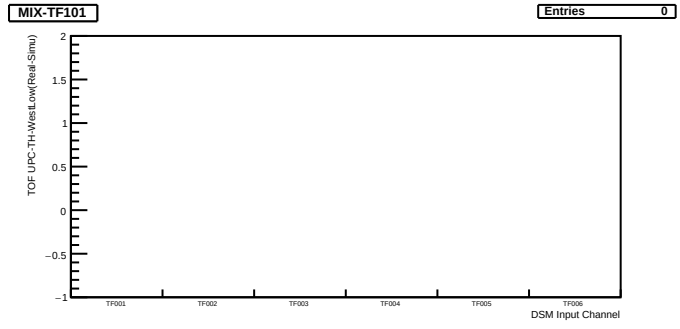

MIX-TF005
Entries 4011483
TOF MULT
TOF tray

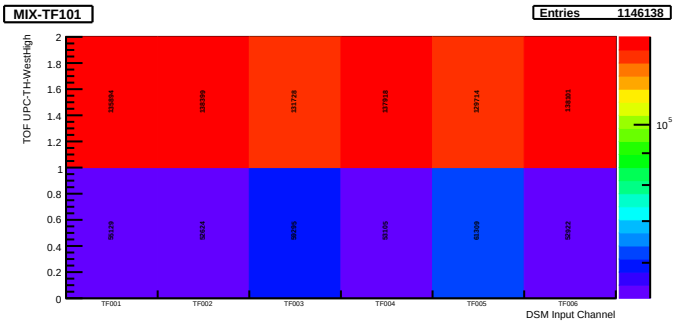

MIX-TF006
Entries 4011483
TOF MULT
TOF tray

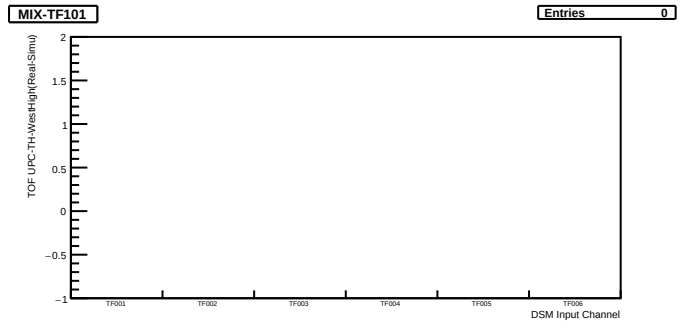

MIX-TF101
Entries 1146138
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

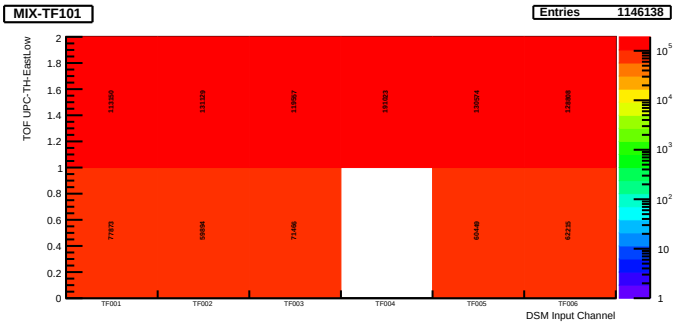

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

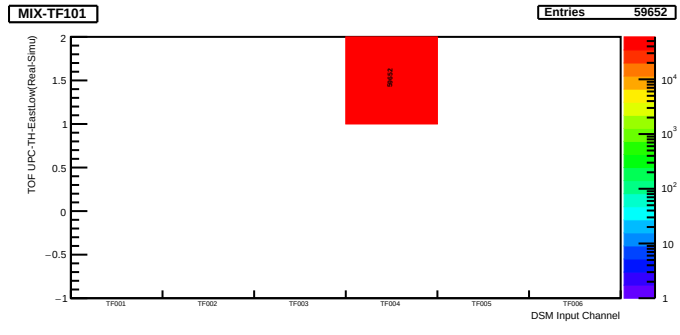

MIX-TF101
Entries 1146138
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

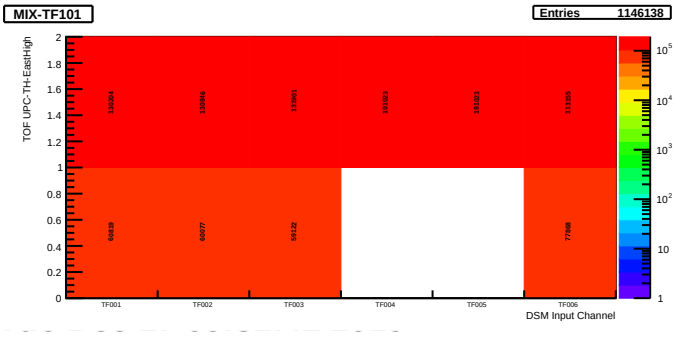

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

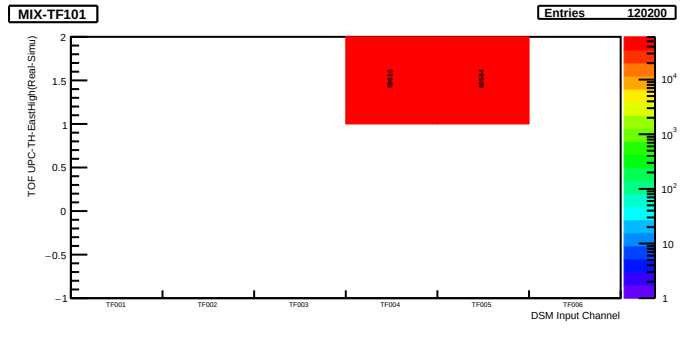

MIX-TF101
Entries 1146138
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

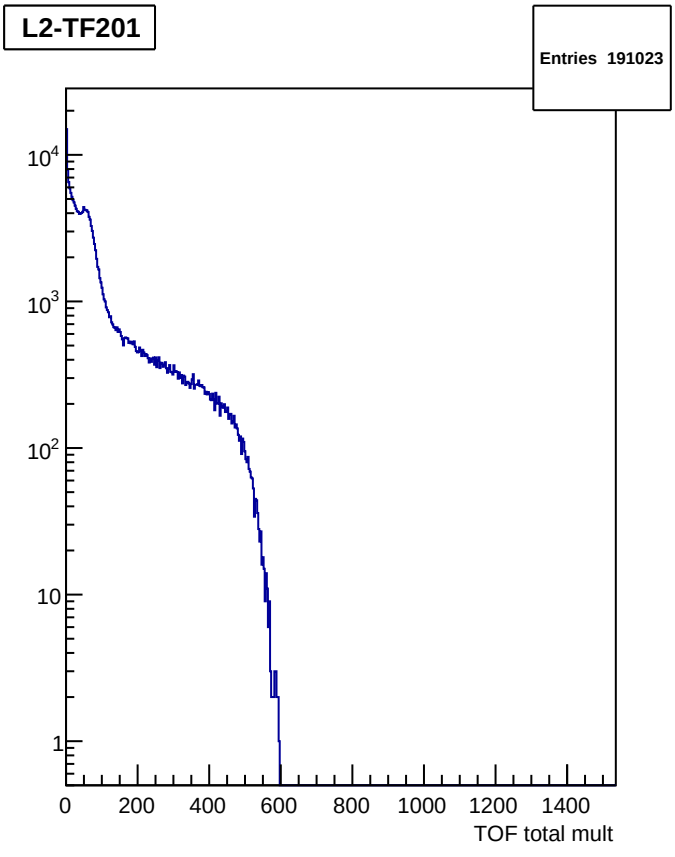

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

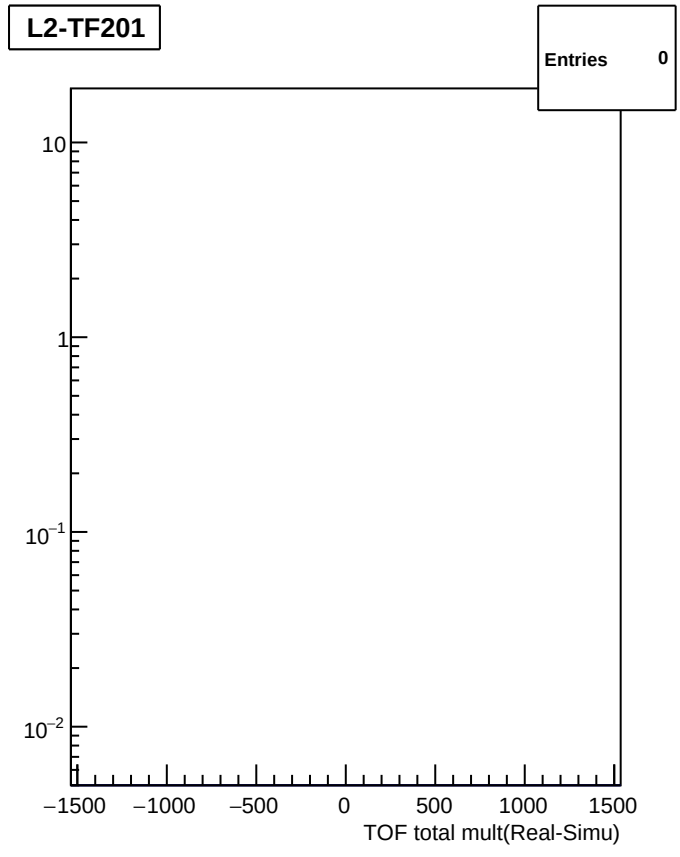

MIX-TF101
Entries 1146138
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

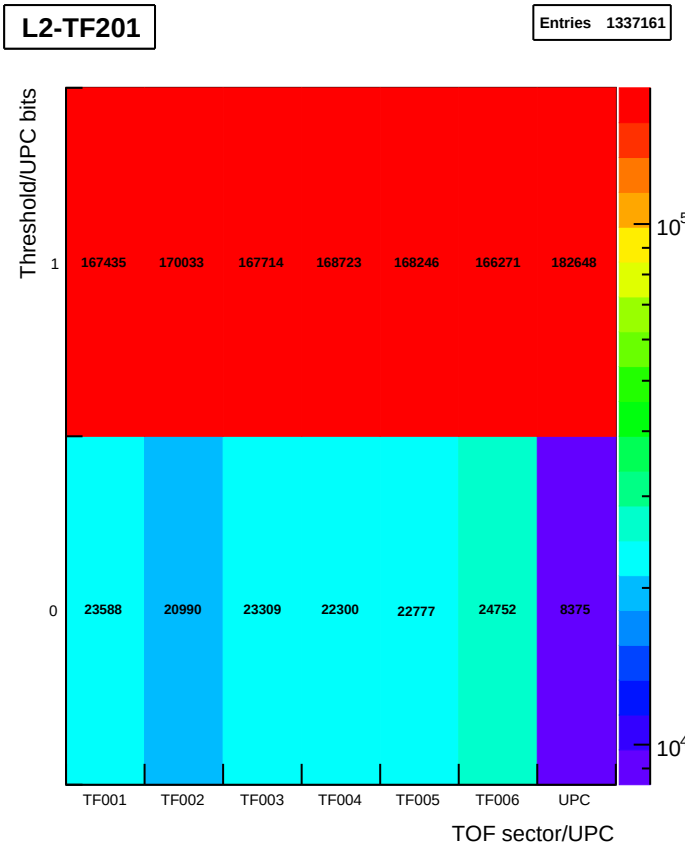

MIX-TF101
Entries 59652
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

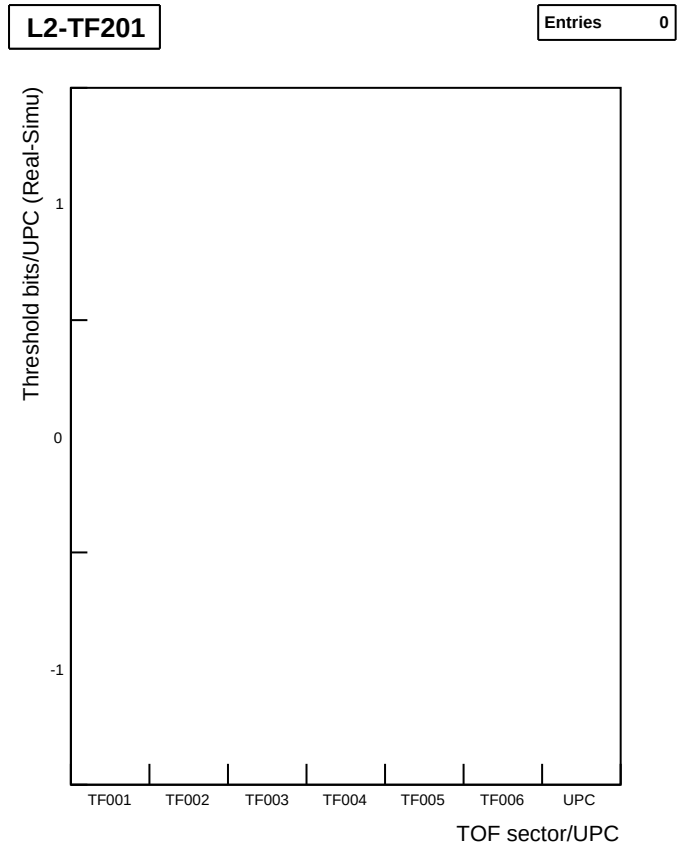

MIX-TF101
Entries 1146138
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

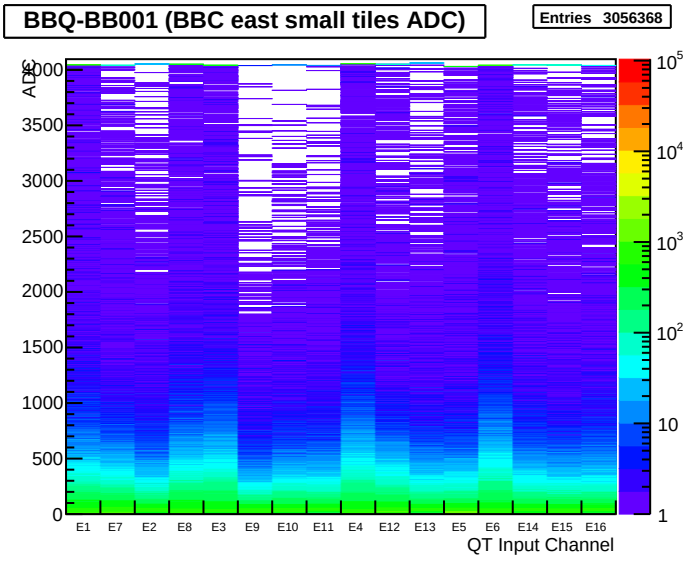

MIX-TF101
Entries 120200
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

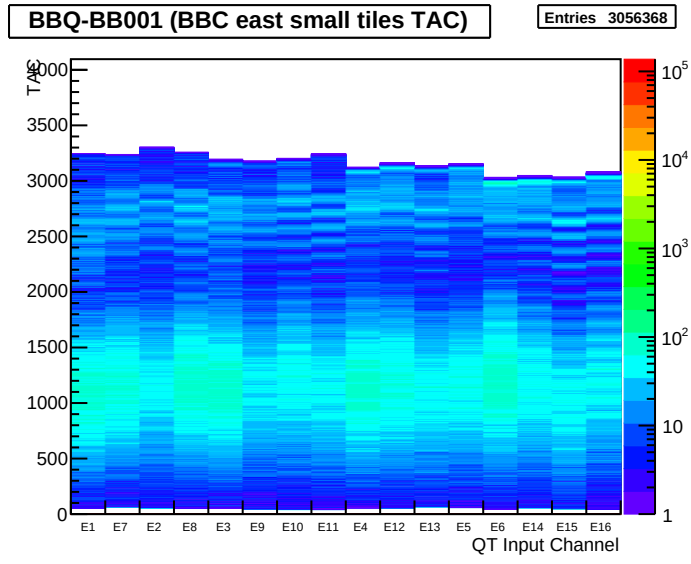

L2-TF201
Entries 191023
TOF total mult

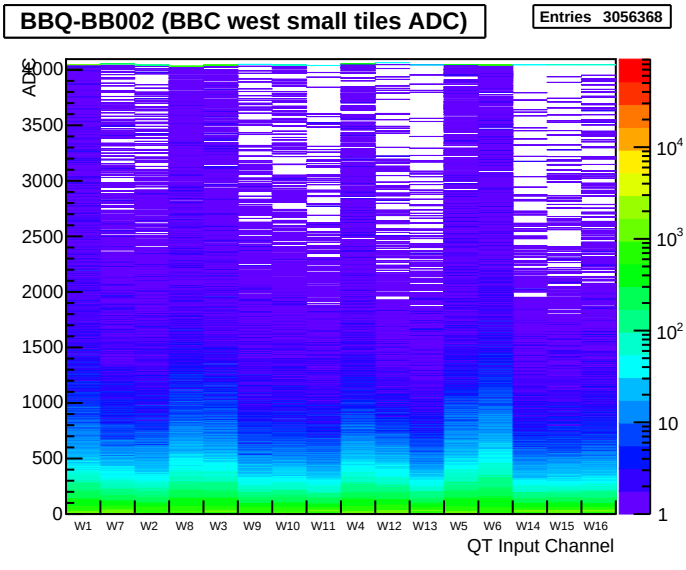

L2-TF201
Entries 0
TOF total mult(Real-Simu)

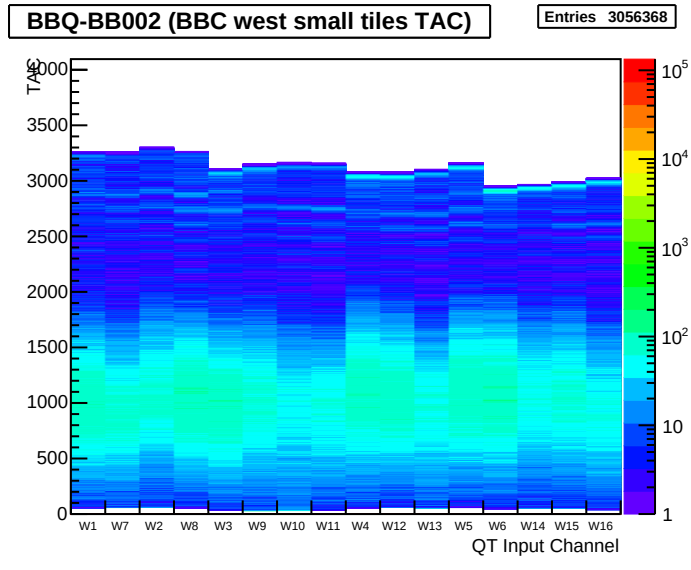

L2-TF201
Entries 1337161
Threshold/UPC bits
167435
170033
167714
168723
168246
166271
182648
23588
20990
23309
22300
22777
24752
8375
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

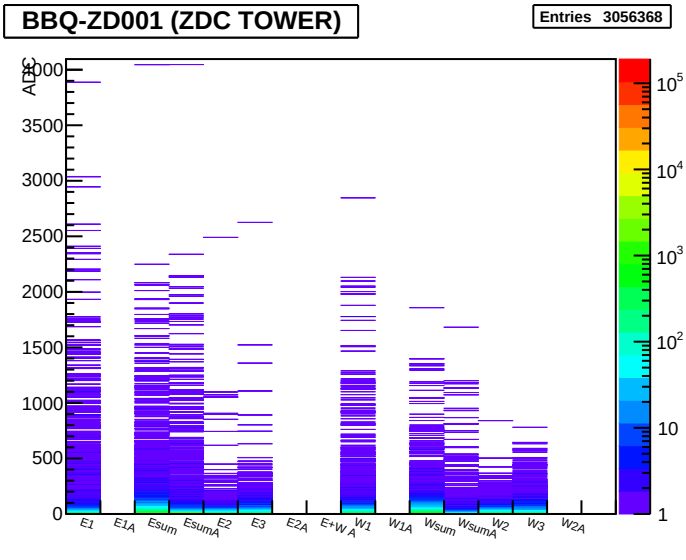

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

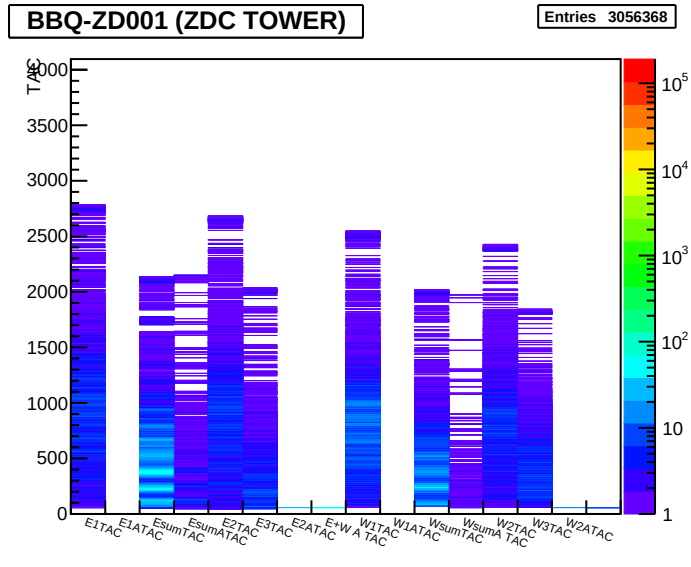

BBQ-BB001 (BBC east small tiles ADC)
Entries 3056368
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

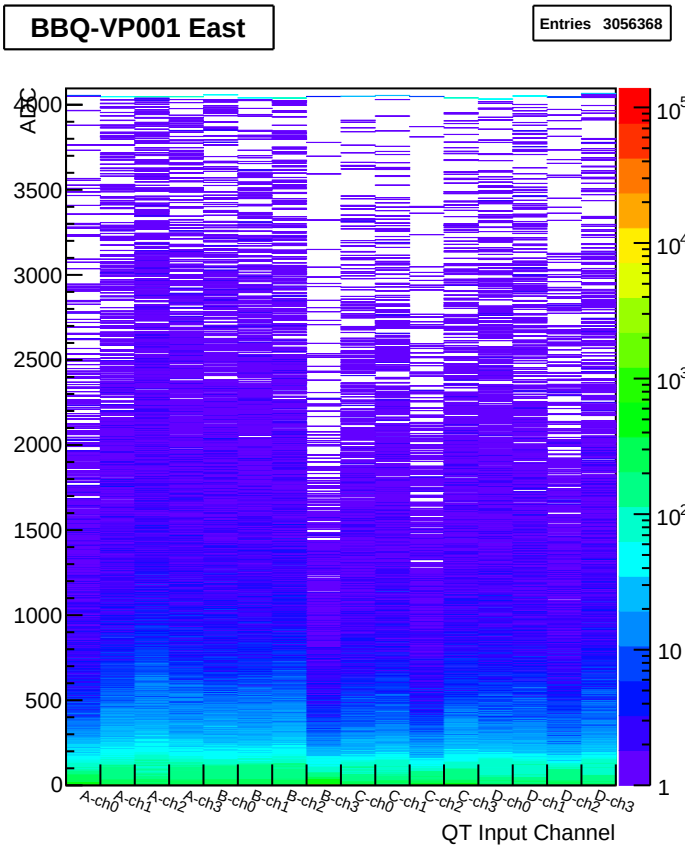

BBQ-BB001 (BBC east small tiles TAC)
Entries 3056368
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

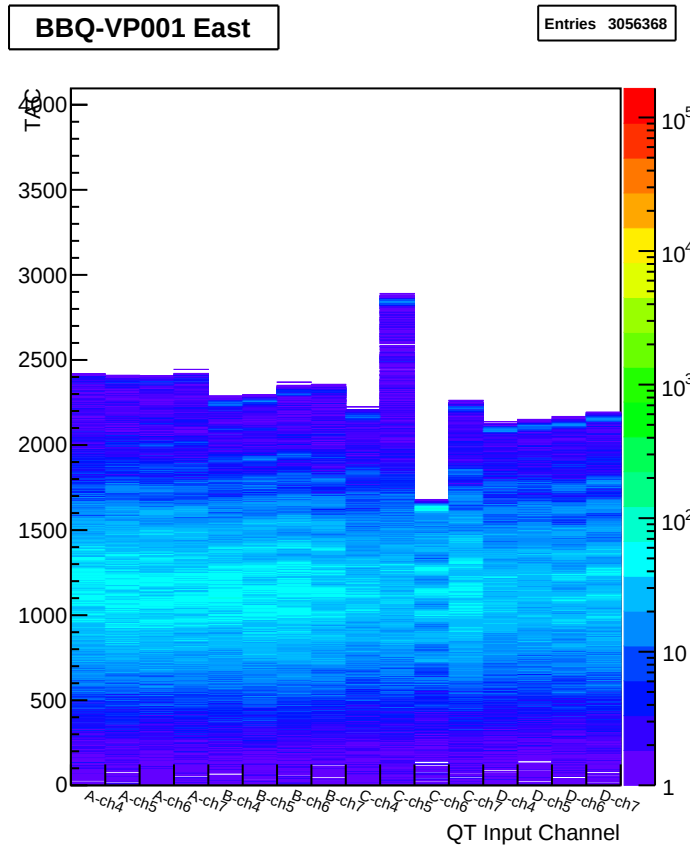

BBQ-BB002 (BBC west small tiles ADC)
Entries 3056368
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

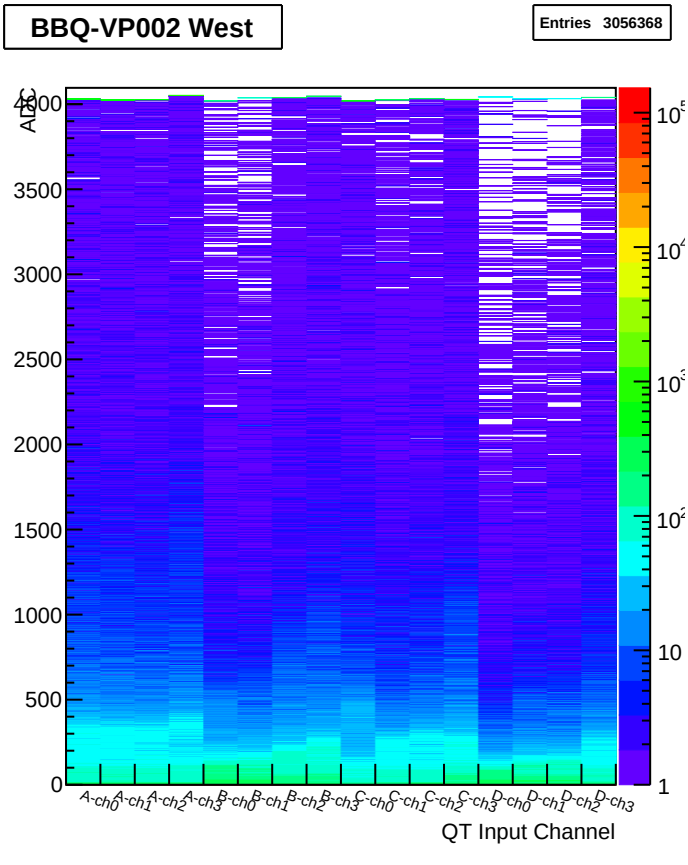

BBQ-BB002 (BBC west small tiles TAC)
Entries 3056368
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

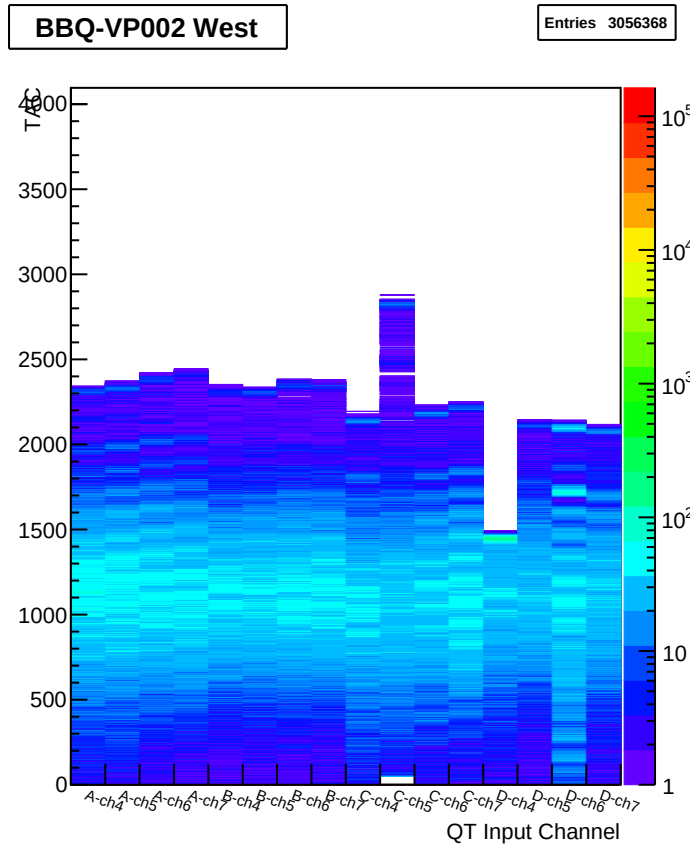

BBQ-ZD001 (ZDC TOWER)
Entries 3056368
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

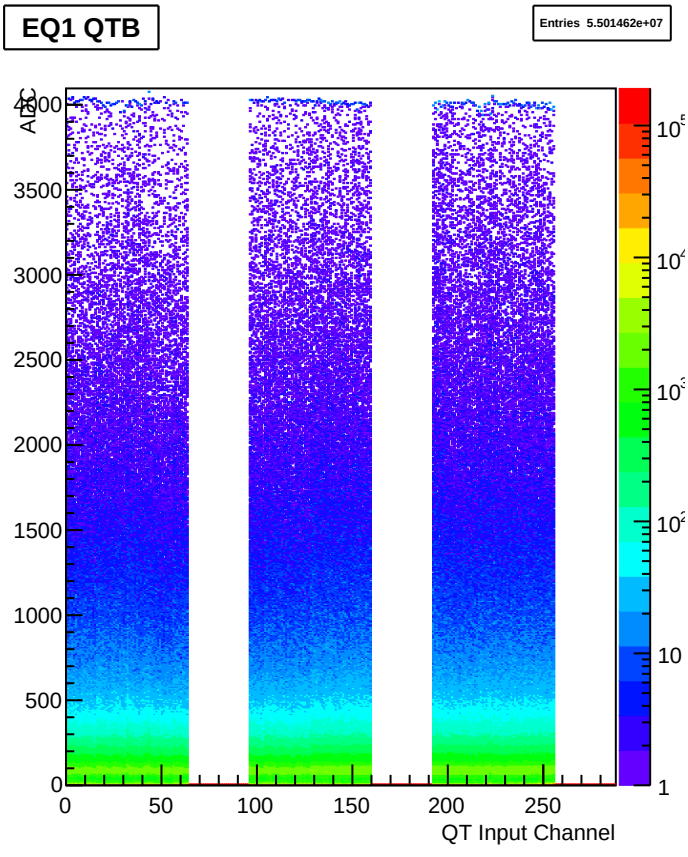

BBQ-ZD001 (ZDC TOWER)
Entries 3056368
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

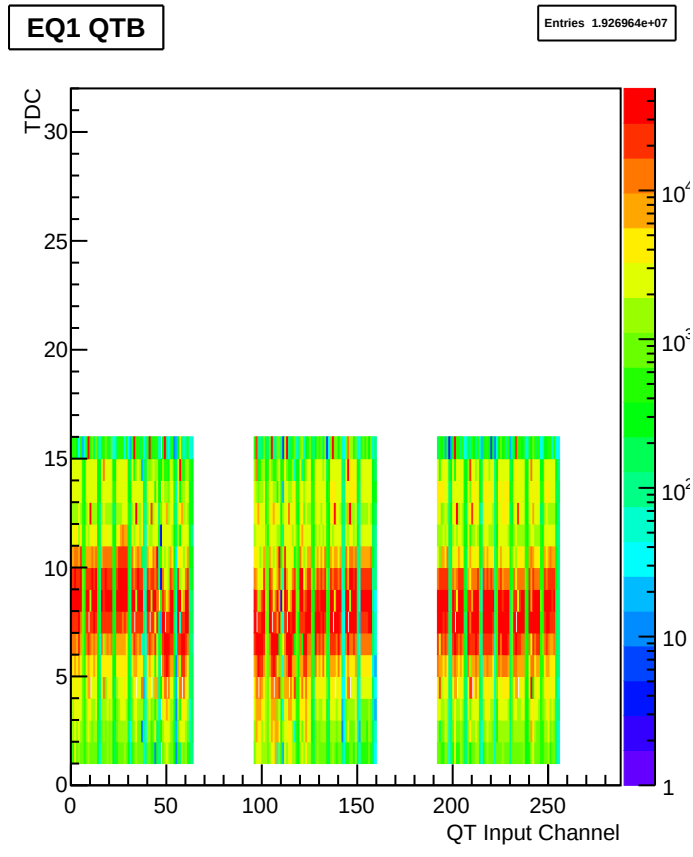

BBQ-VP001 East
Entries 3056368
ADC
QT Input Channel

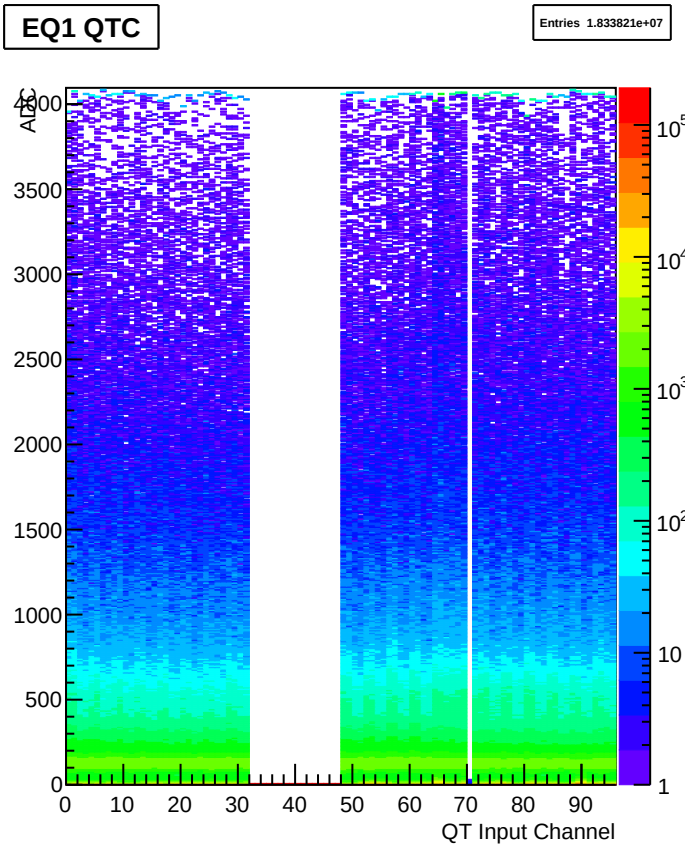

BBQ-VP001 East
Entries 3056368
TAC
QT Input Channel

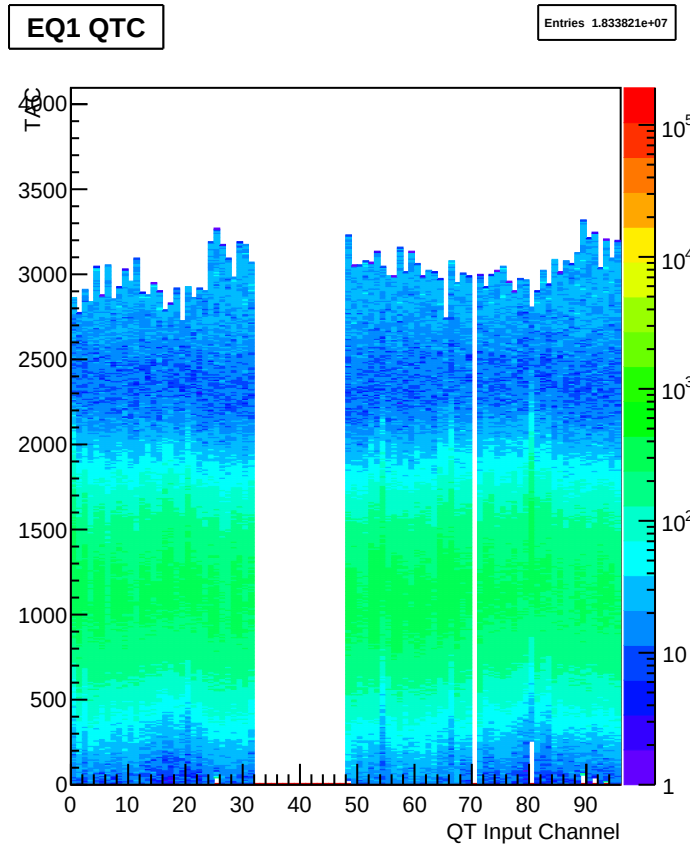

BBQ-VP002 West
Entries 3056368
ADC
QT Input Channel

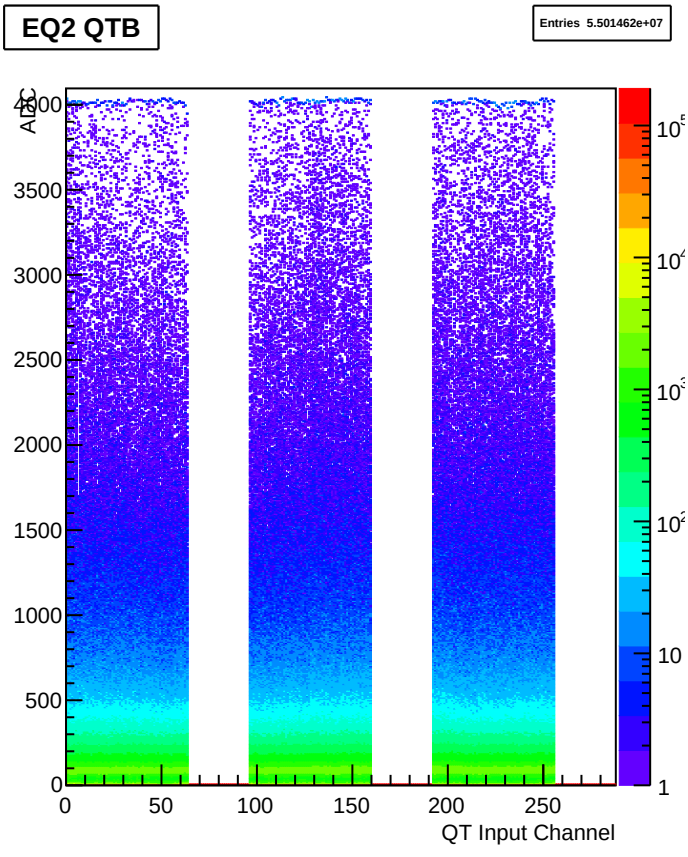

BBQ-VP002 West
Entries 3056368
TAC
QT Input Channel

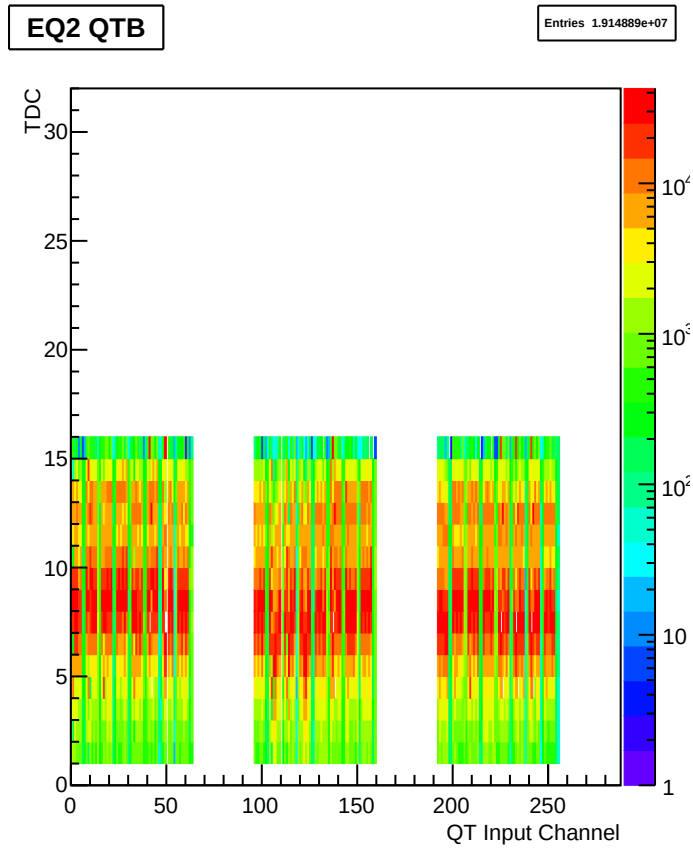

EQ1 QTB
Entries 5.501462e+07
ADC
QT Input Channel

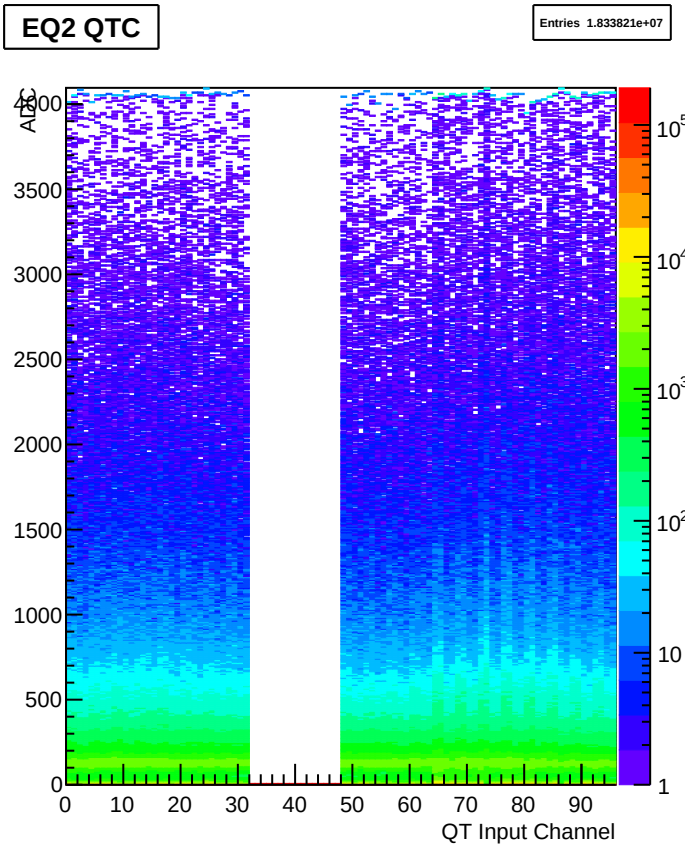

EQ1 QTB
Entries 1.926964e+07
TDC
QT Input Channel

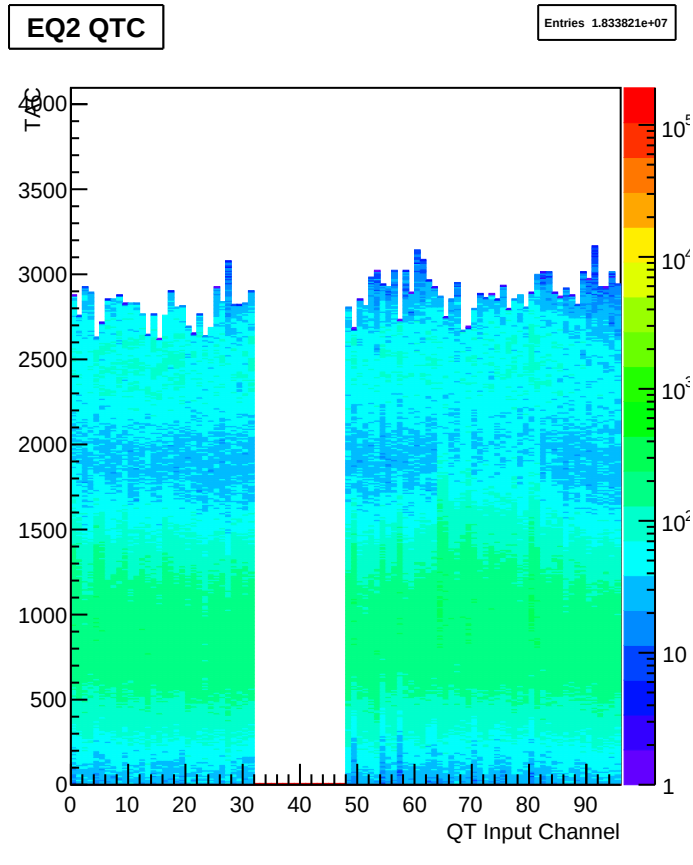

EQ1 QTC
Entries 1.833821e+07
ADC
QT Input Channel

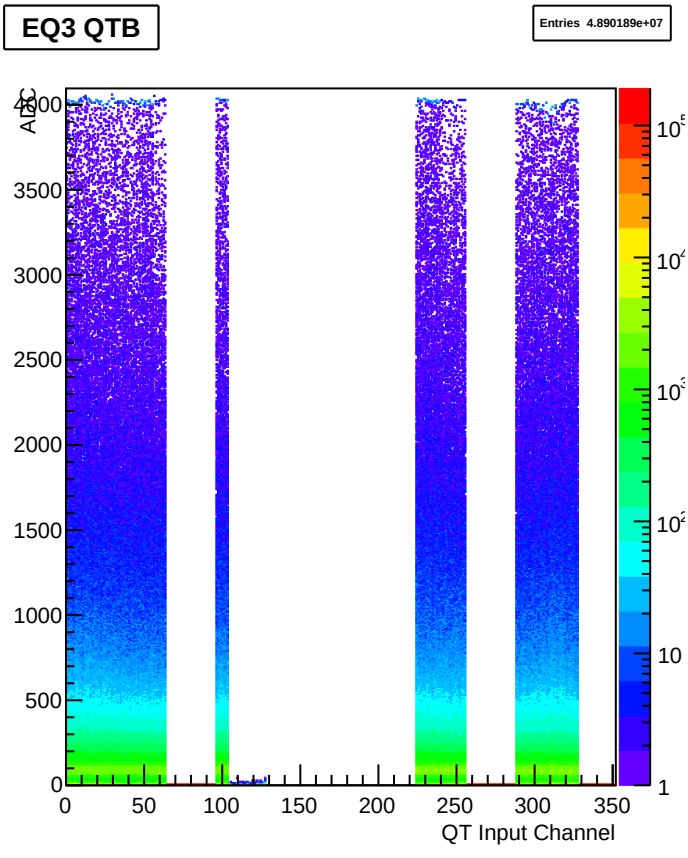

EQ1 QTC
Entries 1.833821e+07
TADC
QT Input Channel

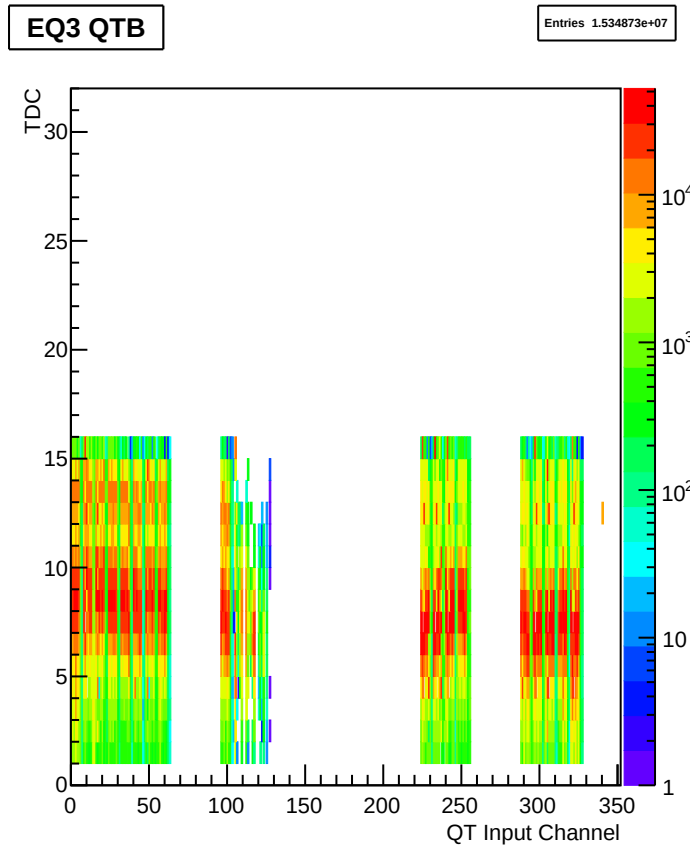

EQ2 QTB
Entries 5.501462e+07
ADC
QT Input Channel

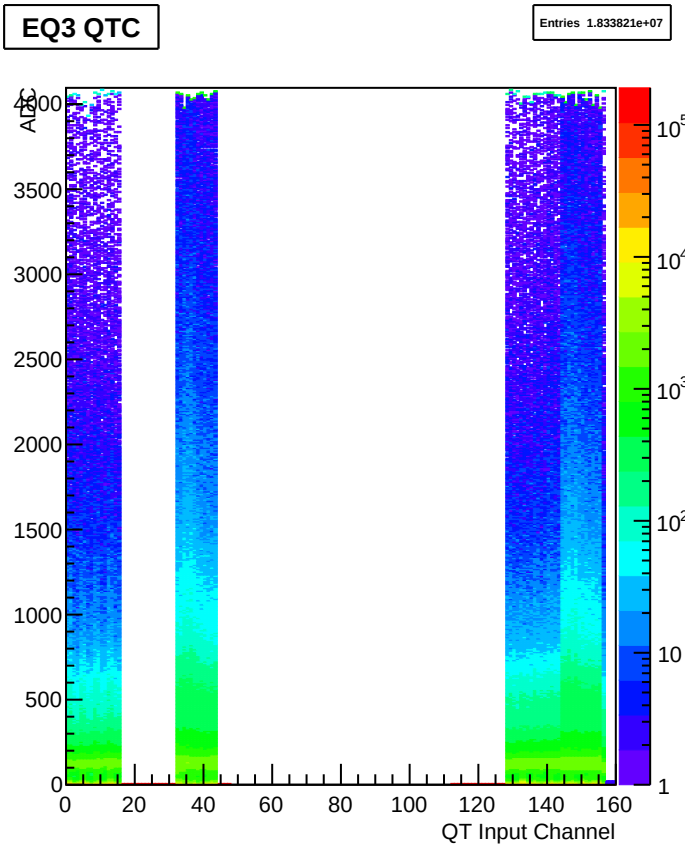

EQ2 QTB
Entries 1.914889e+07
TDC
QT Input Channel

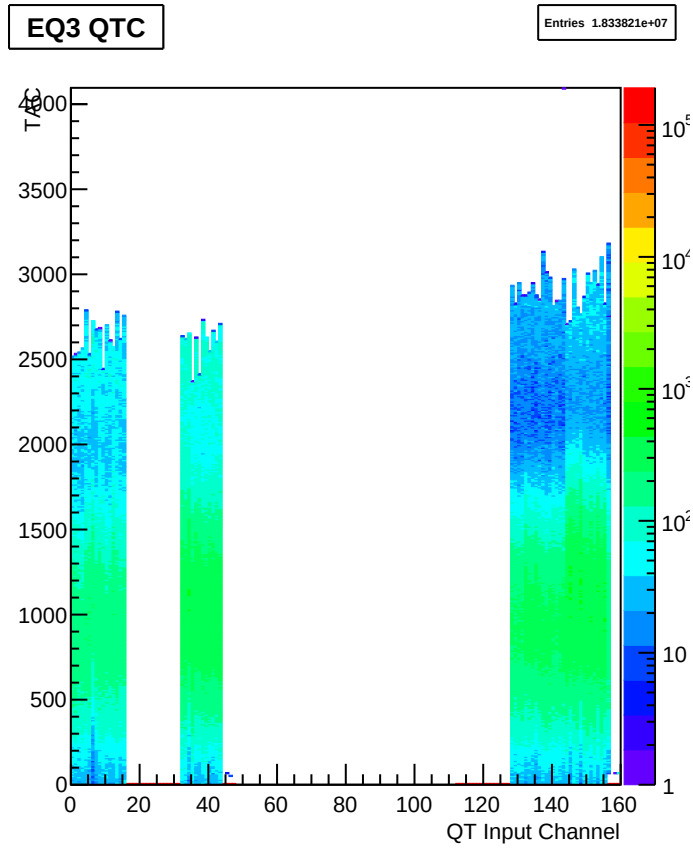

EQ2 QTC
Entries 1.833821e+07
ADC
QT Input Channel

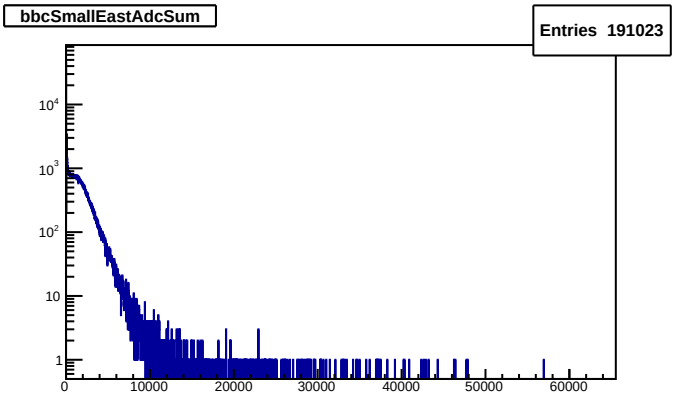

EQ2 QTC
Entries 1.833821e+07
TADC
QT Input Channel

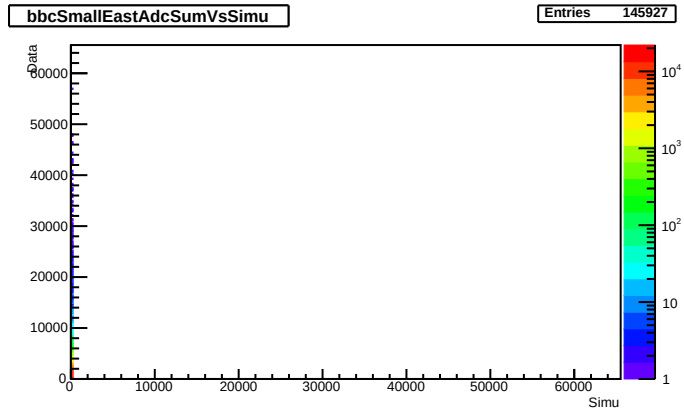

EQ3 QTB
Entries 4.890189e+07
ADC
QT Input Channel

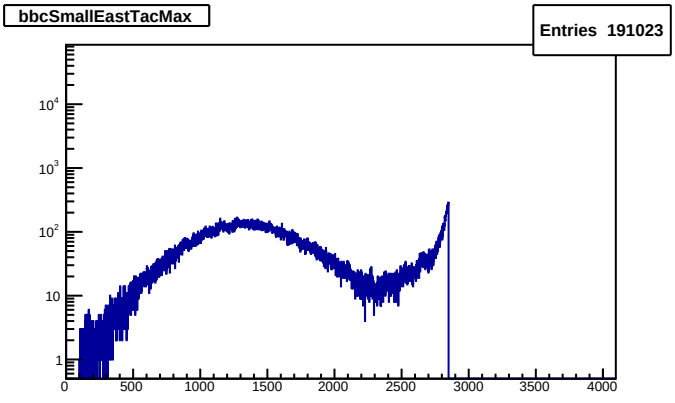

EQ3 QTB
Entries 1.534873e+07
TDC
QT Input Channel

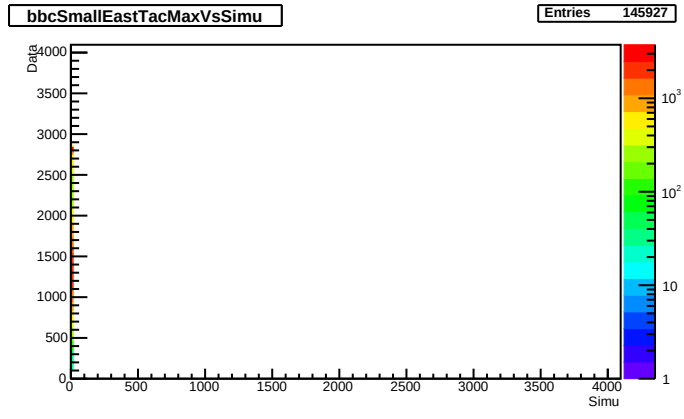

EQ3 QTC
Entries 1.833821e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.833821e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 191023


bbcSmallEastAdcSumVsSimu
Entries 145927
Data
Simu


bbcSmallEastTacMax
Entries 191023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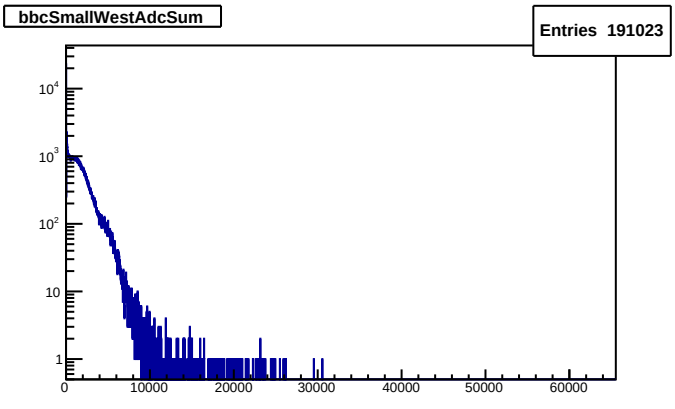
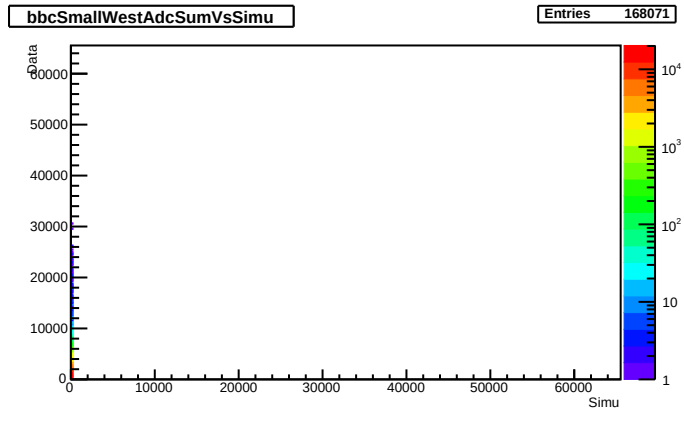
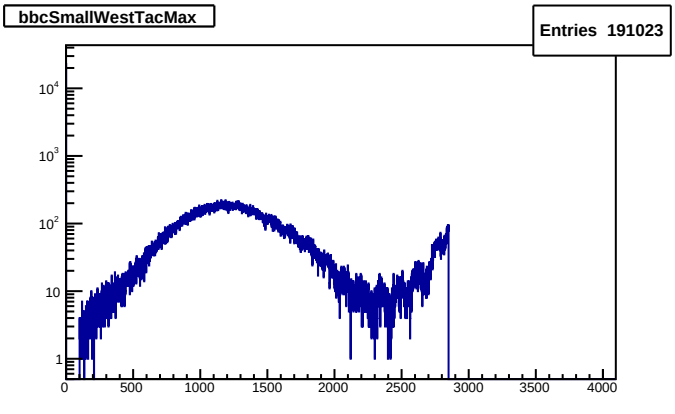
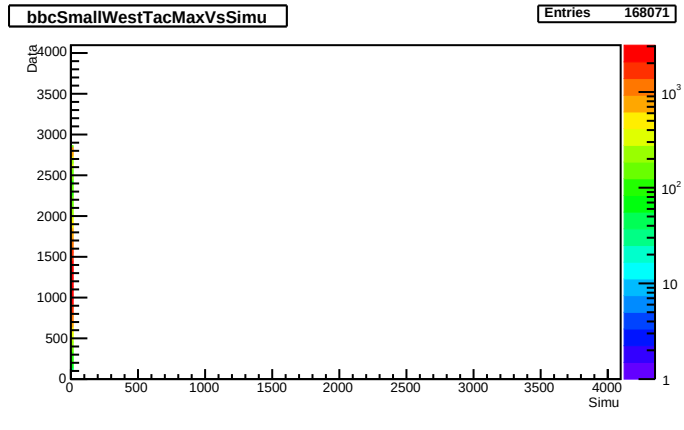
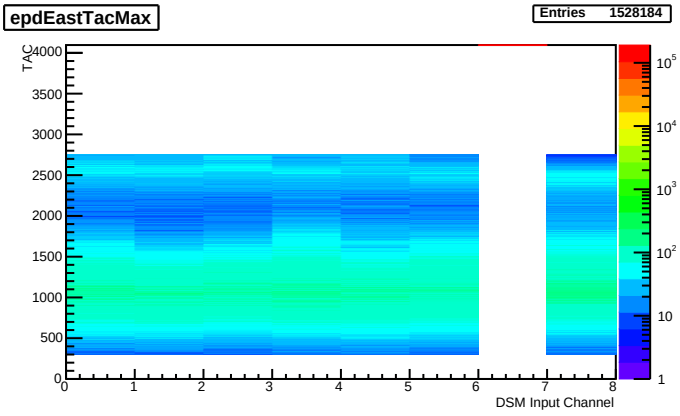
Entries 145927
Data
Simu

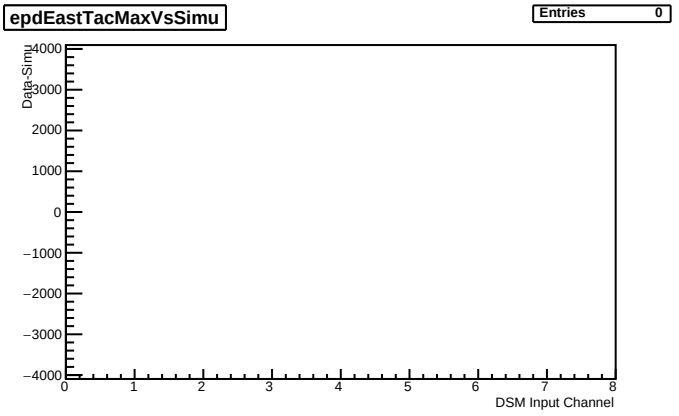

bbcSmallWestAdcSum
Entries 191023

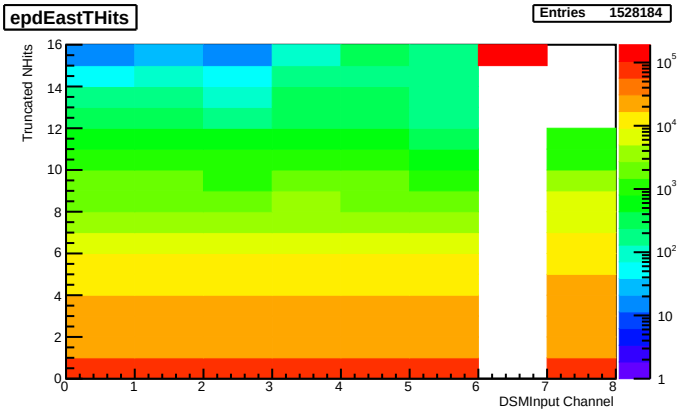

bbcSmallWestAdcSumVsSimu
Entries 168071
Data
Simu

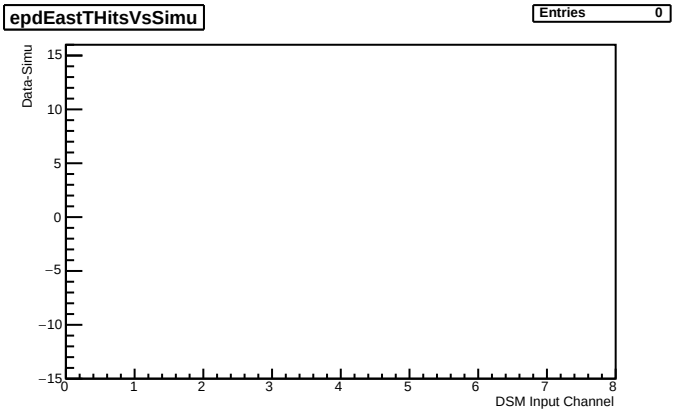

bbcSmallWestTacMax
Entries 191023

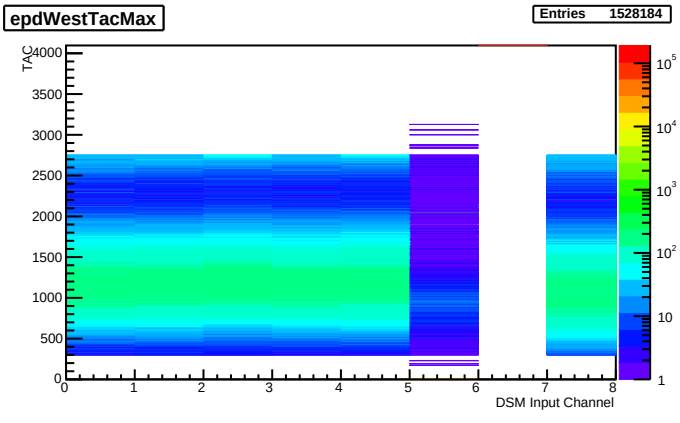

bbcSmallWestTacMaxVsSimu
Entries 168071
Data
Simu

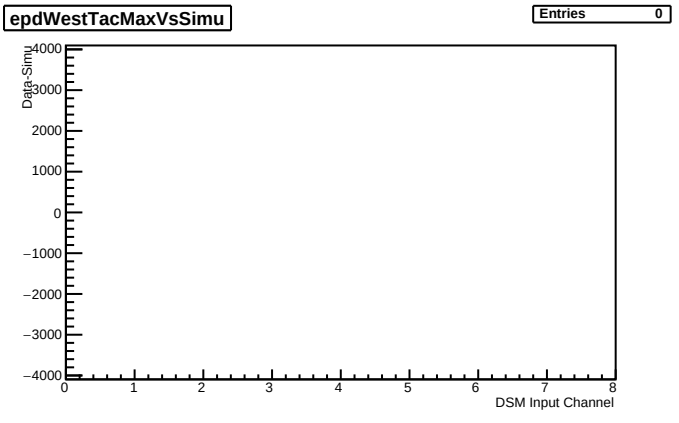

epdEastTacMax
Entries 1528184
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1528184
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1528184
TAC
DSM Input Channel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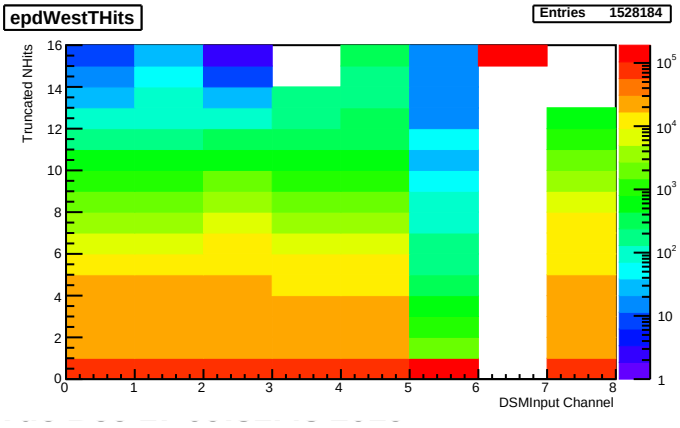
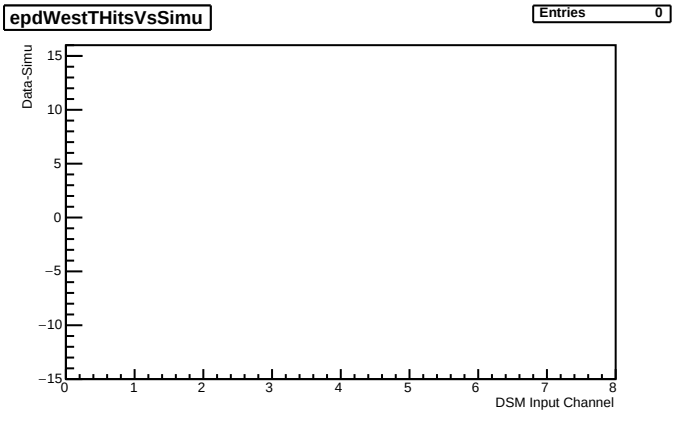
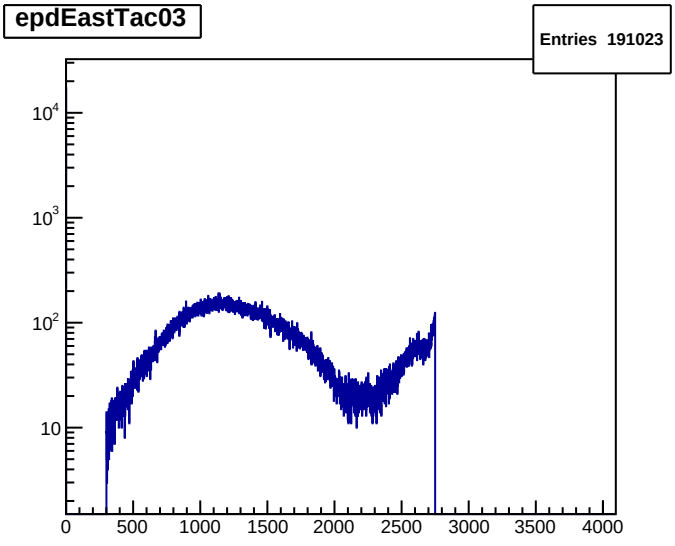
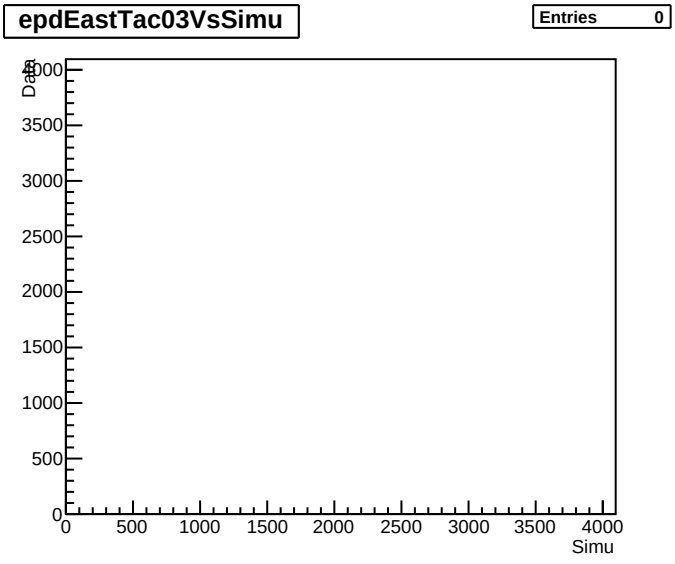
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1528184
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 191023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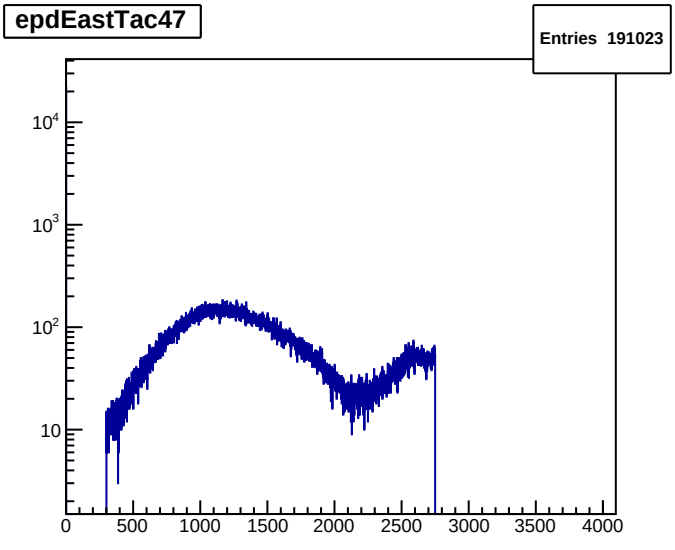
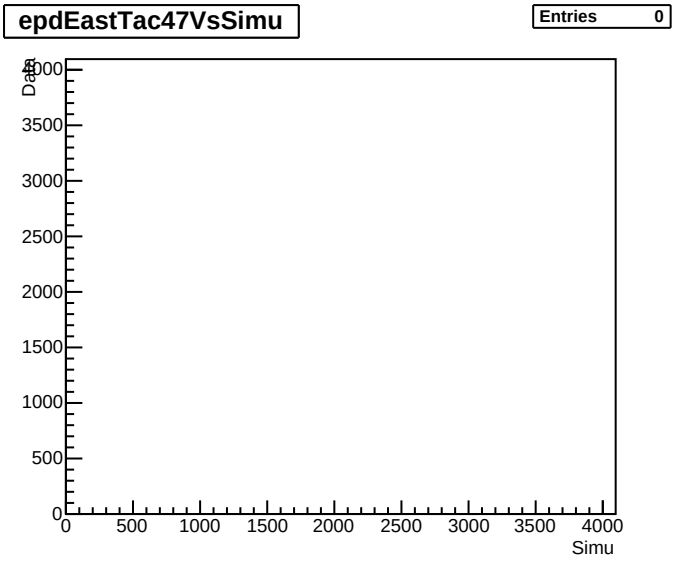
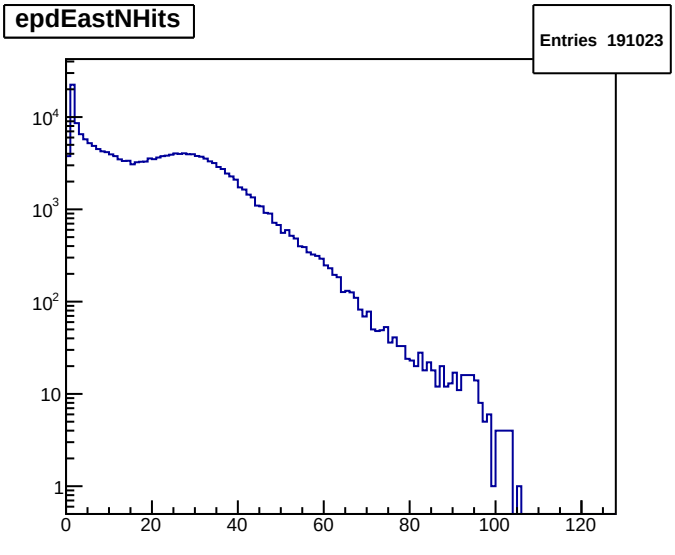
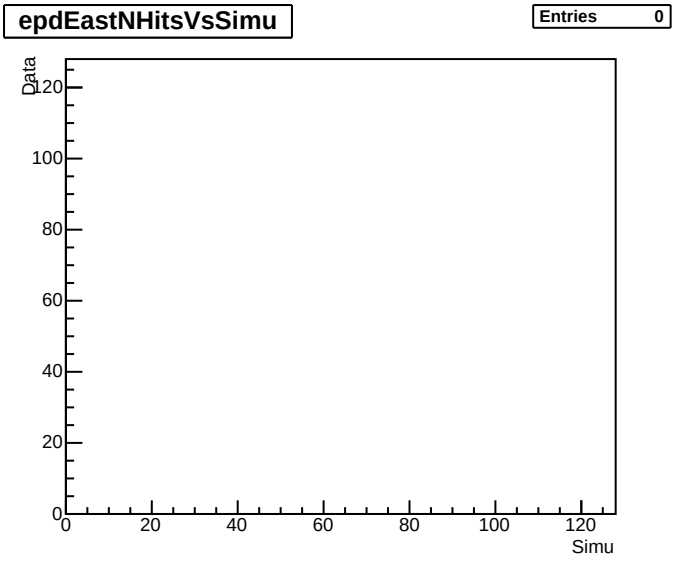
Entries 0
Data
Simu


epdEastTac47
Entries 191023


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 191023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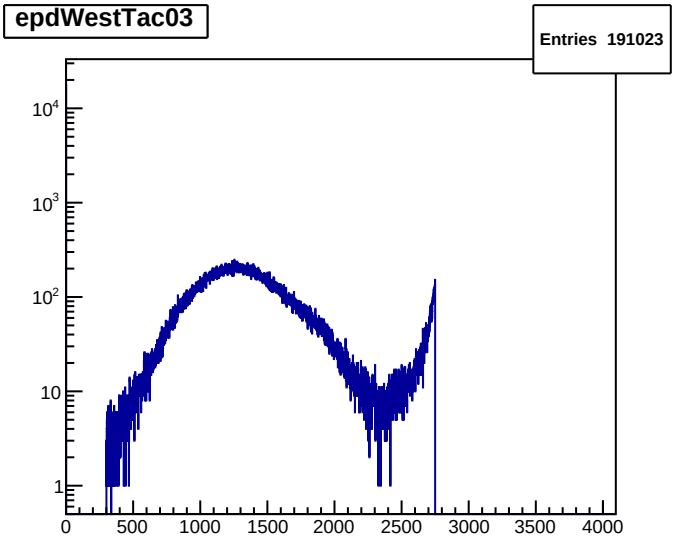
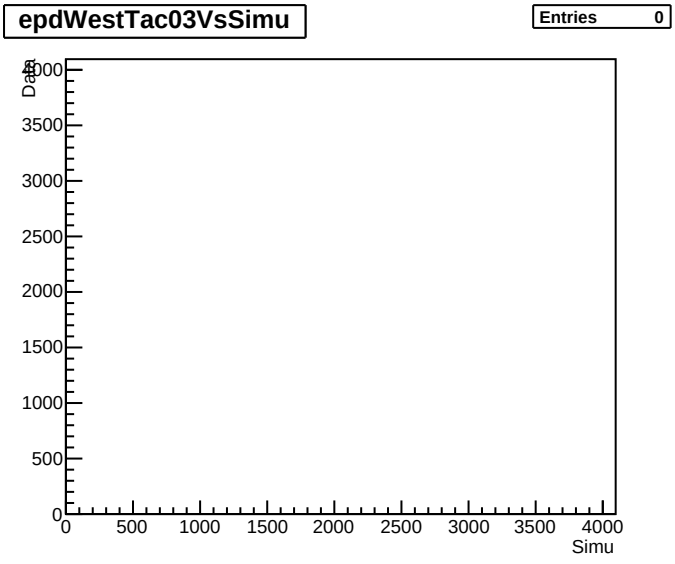
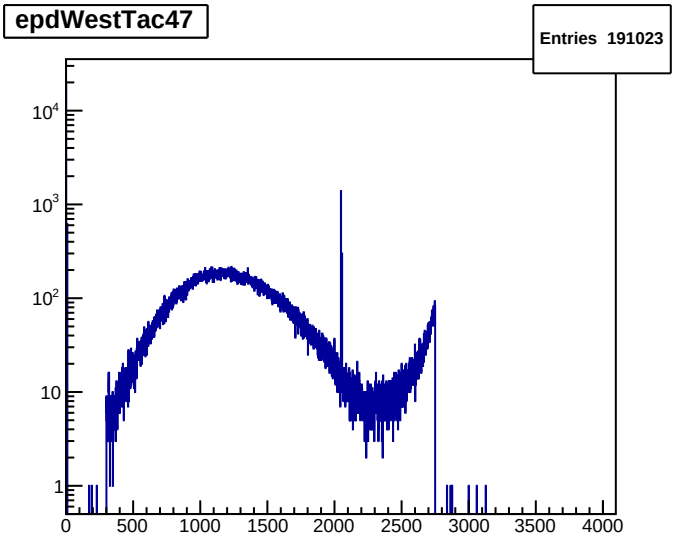
Entries 0
Data
Simu


epdWestTac03
Entries 191023


epdWestTac03VsSimu
Entries 0
Data
Simu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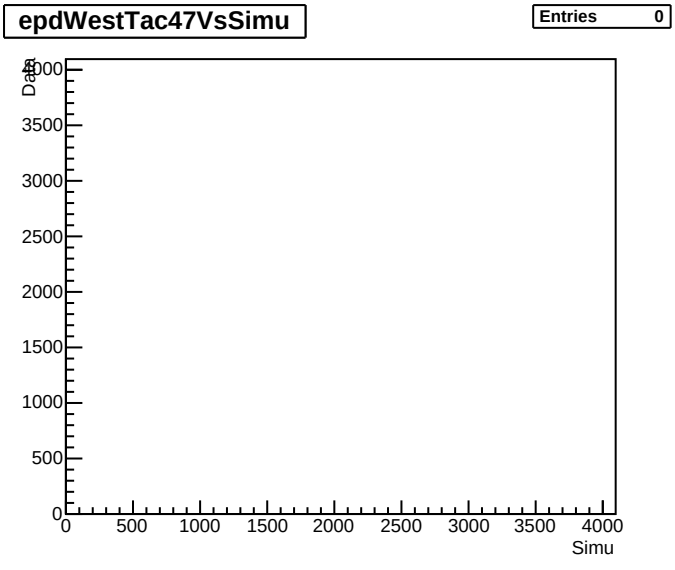
Entries 191023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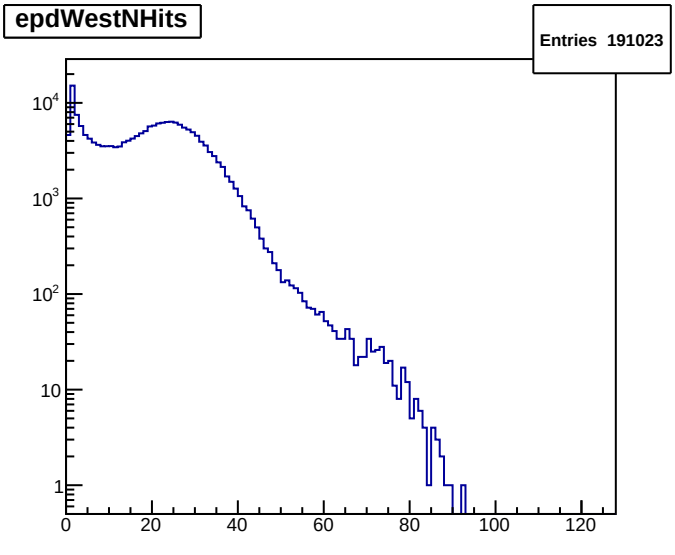
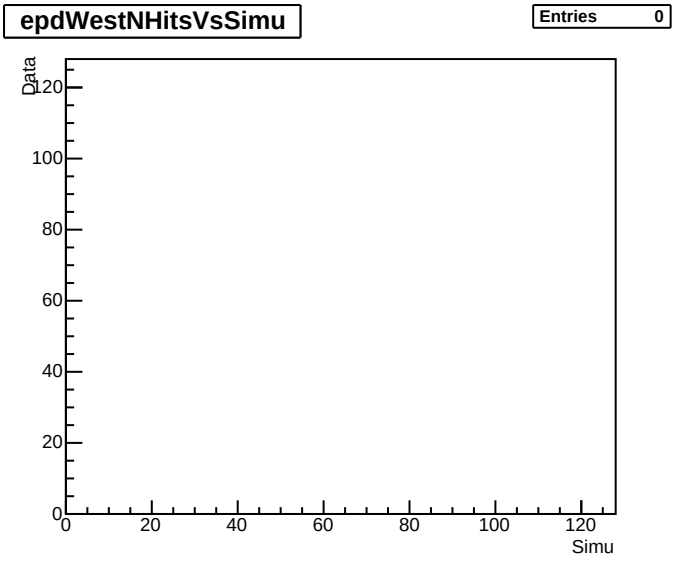
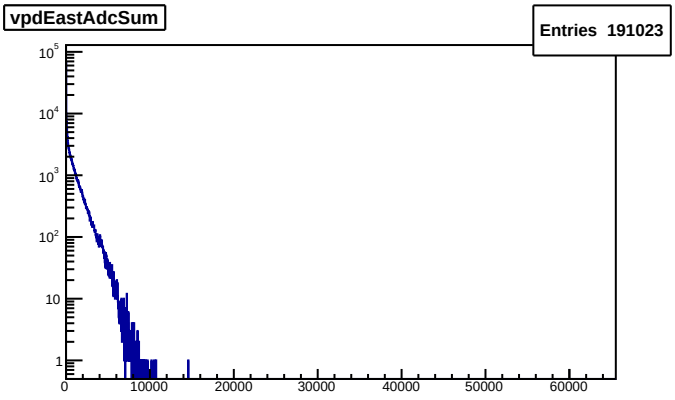
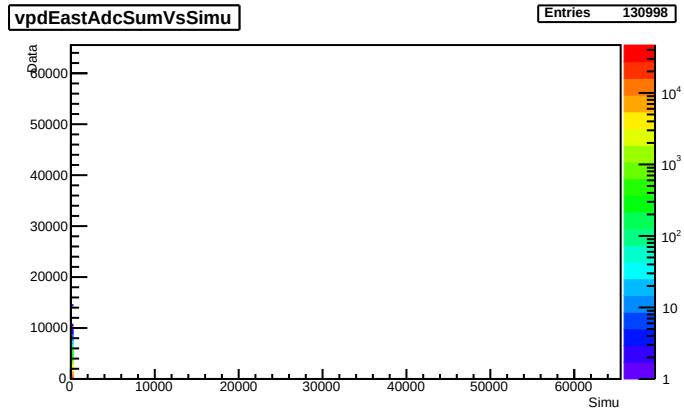
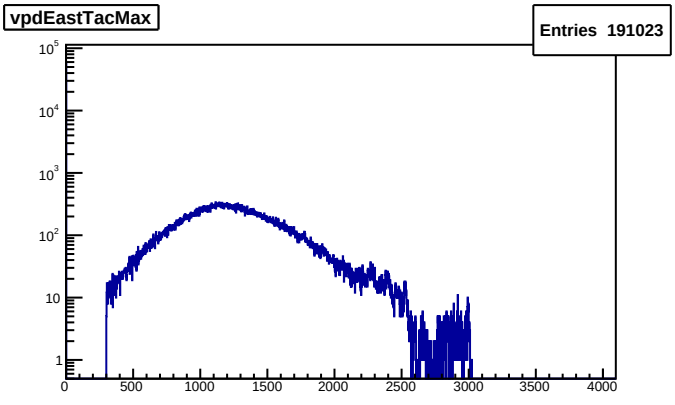
Entries 0
Data
Simu

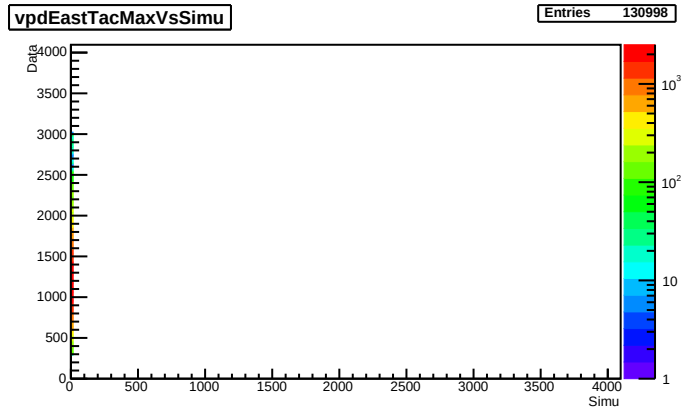

epdWestNHits
Entries 191023

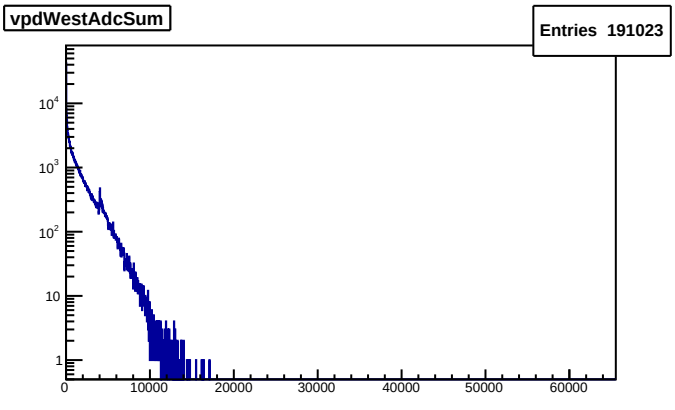

epdWestNHitsVsSimu
Entries 0
Data
Simu

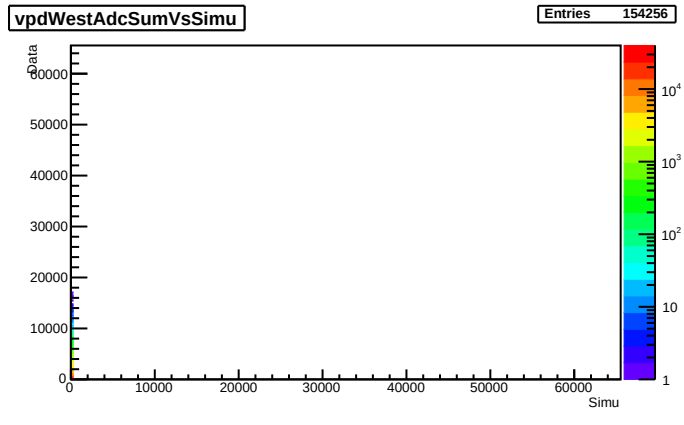

vpdEastAdcSum
Entries 191023

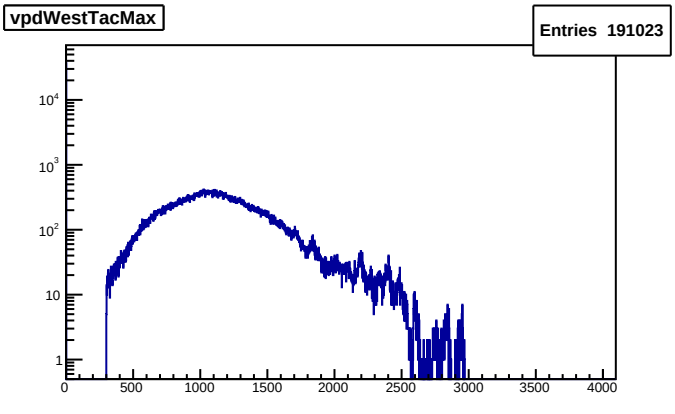

vpdEastAdcSumVsSimu
Entries 130998
Data
Simu

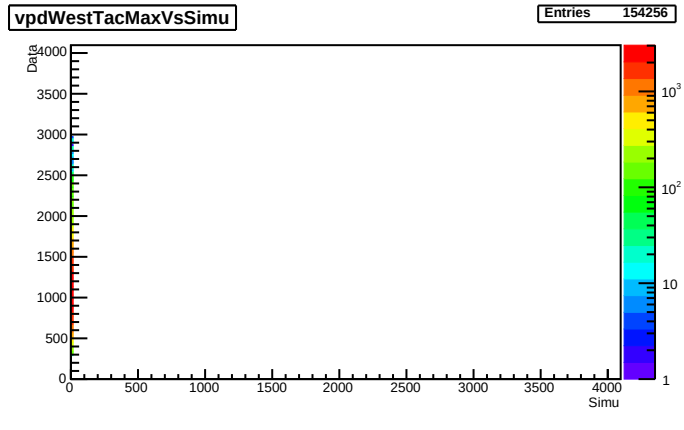

vpdEastTacMax
Entries 191023

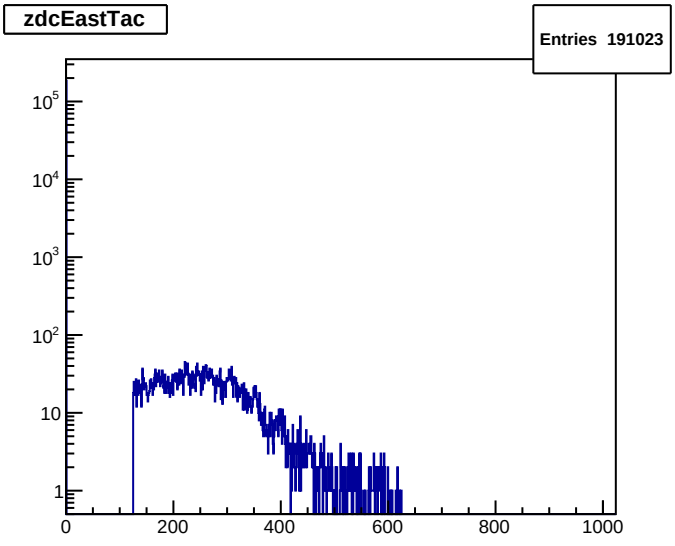

vpdEastTacMaxVsSimu
Entries 130998
Data
Simu

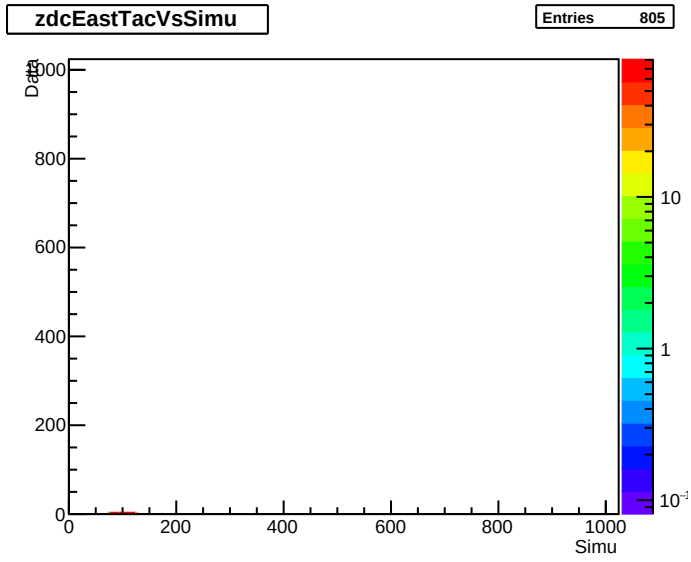

vpdWestAdcSum
Entries 191023

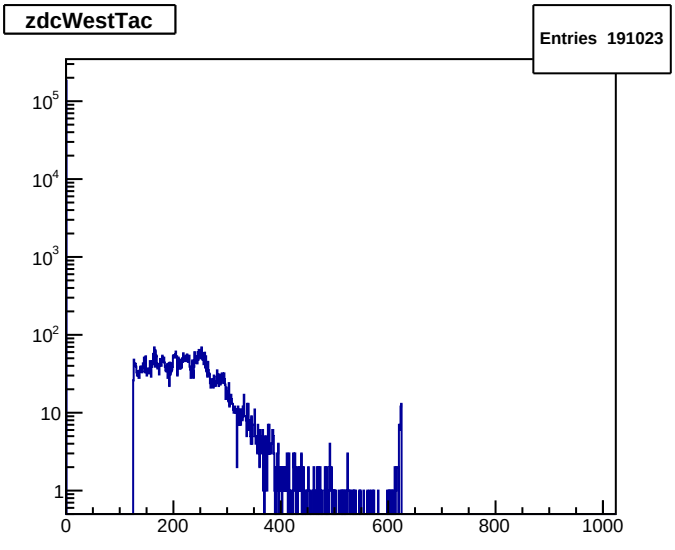

vpdWestAdcSumVsSimu
Entries 154256
Data
Simu

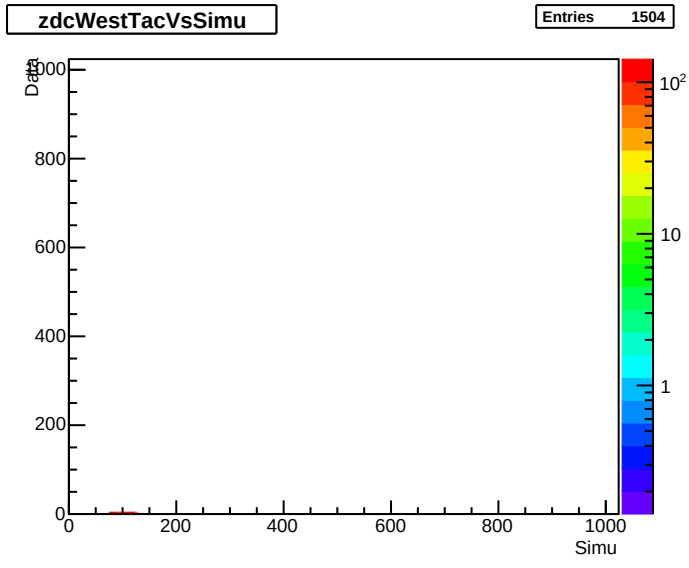

vpdWestTacMax
Entries 191023

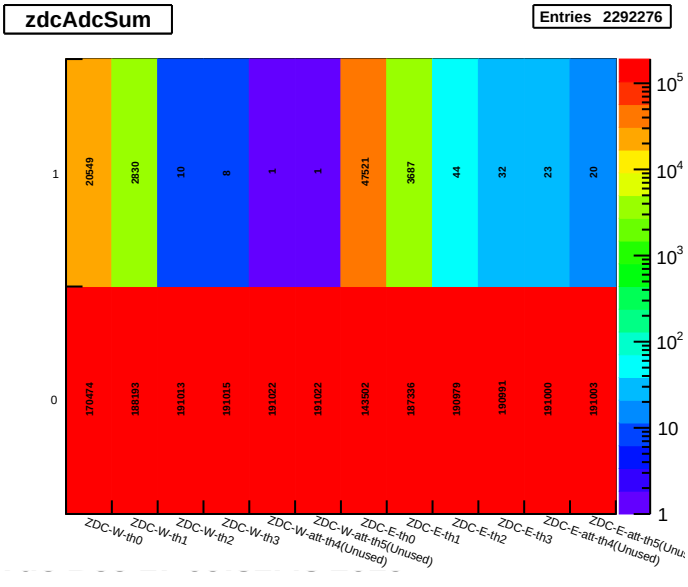

vpdWestTacMaxVsSimu
Entries 154256
Data
Simu

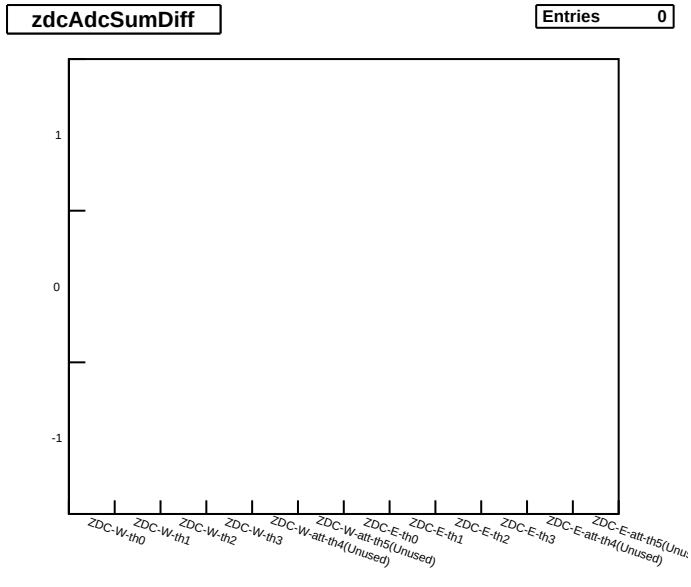

zdcEastTac
Entries 191023

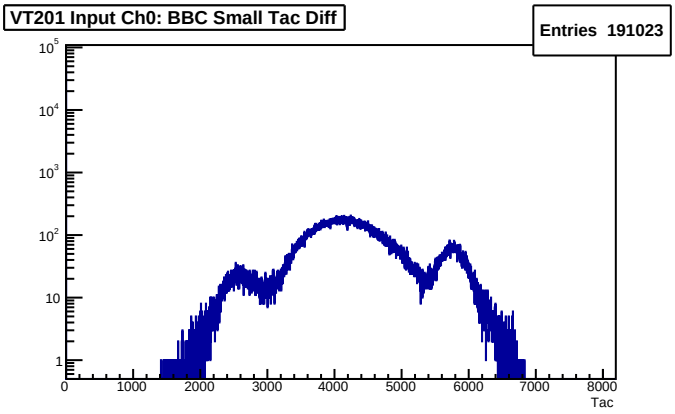

zdcEastTacVsSimu
Entries 805
Data
Simu

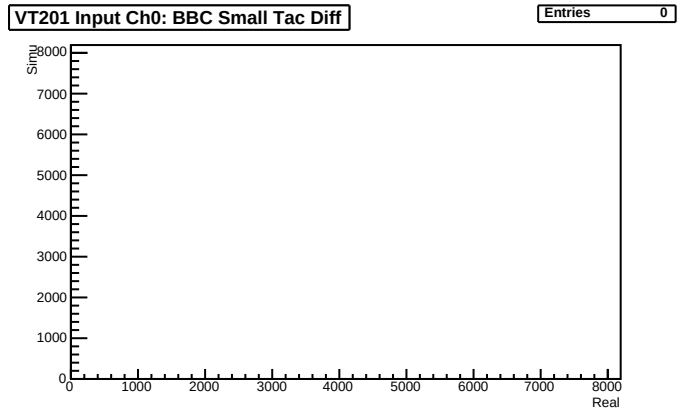

zdcWestTac
Entries 191023

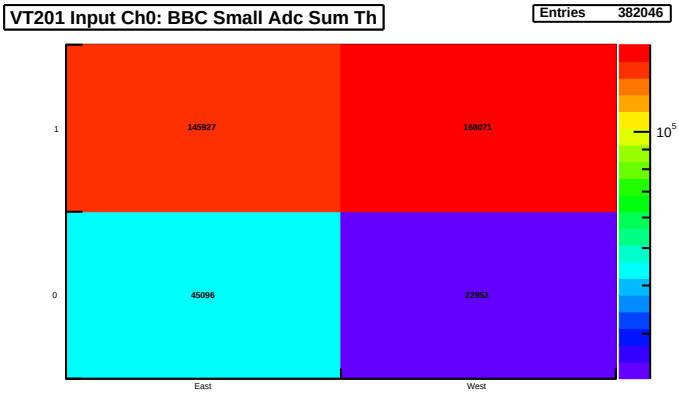

zdcWestTacVsSimu
Entries 1504
Data
Simu

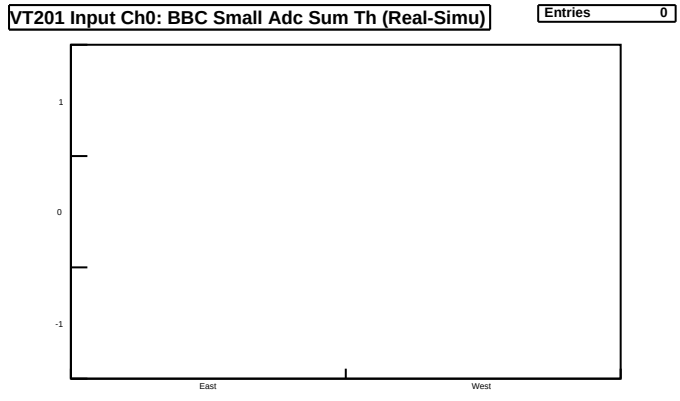

zdcAdcSum
Entries 2292276
20549
2830
10
8
1
1
47521
3687
44
32
23
20
170474
188193
191013
191015
191022
191022
143502
187336
190979
190991
191000
191003
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

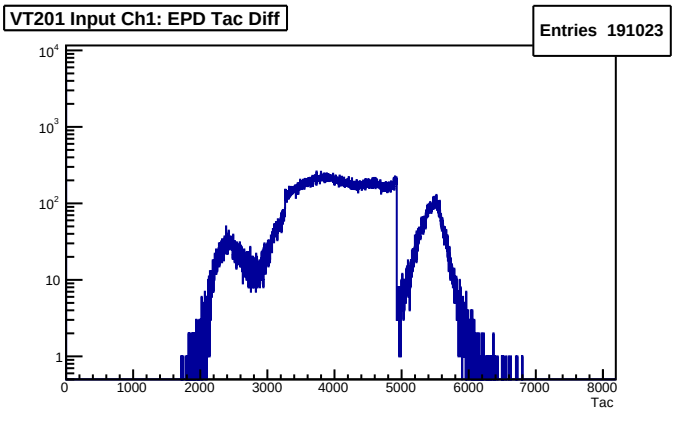

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

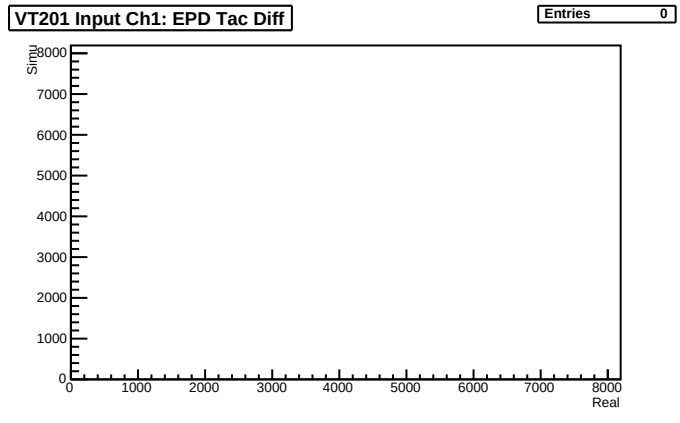

VT201 Input Ch0: BBC Small Tac Diff
Entries 191023
Tac

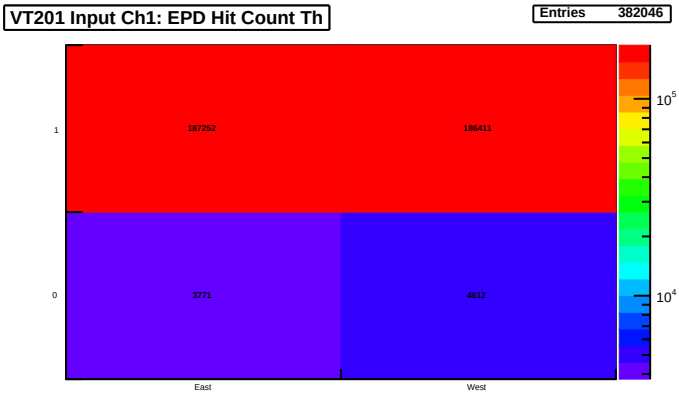

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

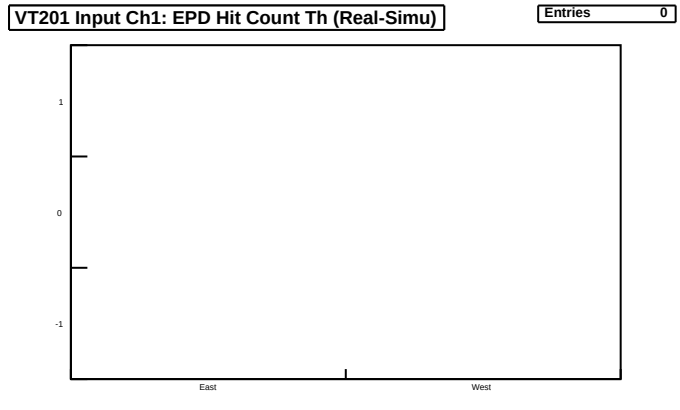

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 382046
145927
168071
45096
22952
East
West

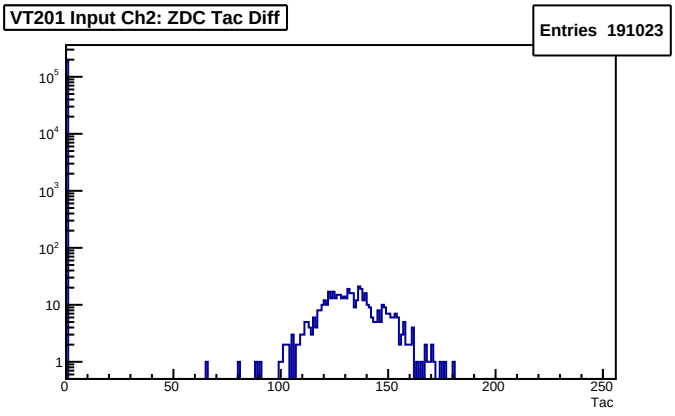

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

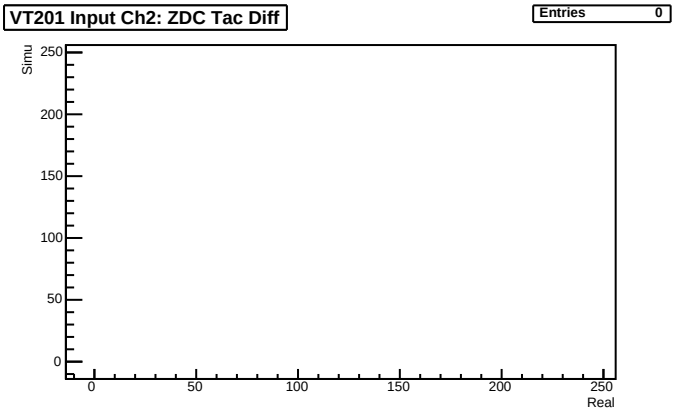

VT201 Input Ch1: EPD Tac Diff
Entries 191023
Tac

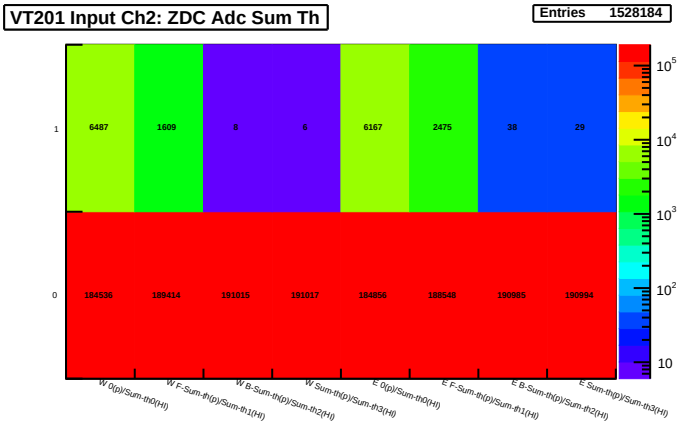

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

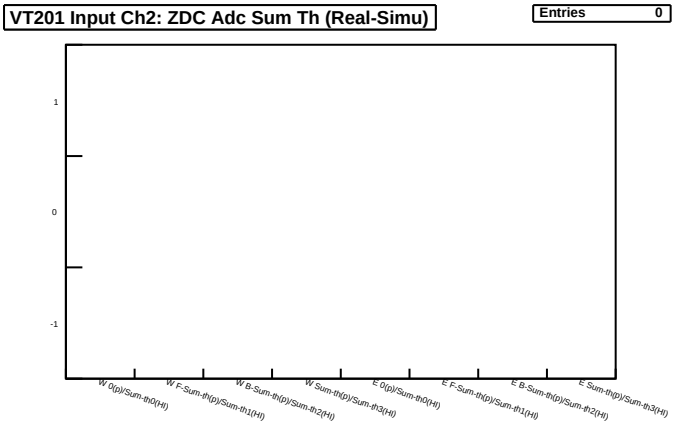

VT201 Input Ch1: EPD Hit Count Th
Entries 382046
187252
186411
3771
4612
East
West

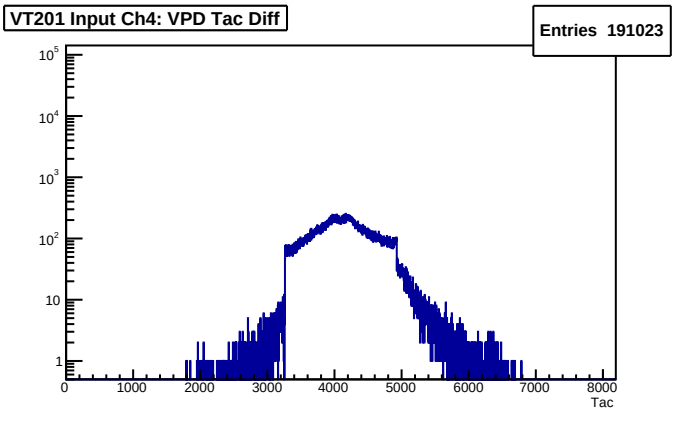

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

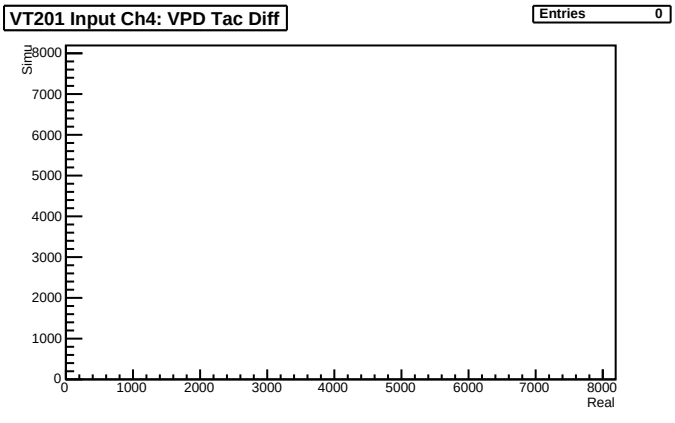

VT201 Input Ch2: ZDC Tac Diff
Entries 191023
Tac

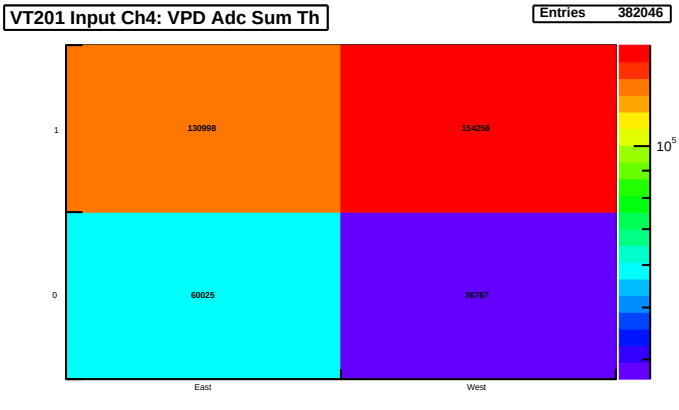

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

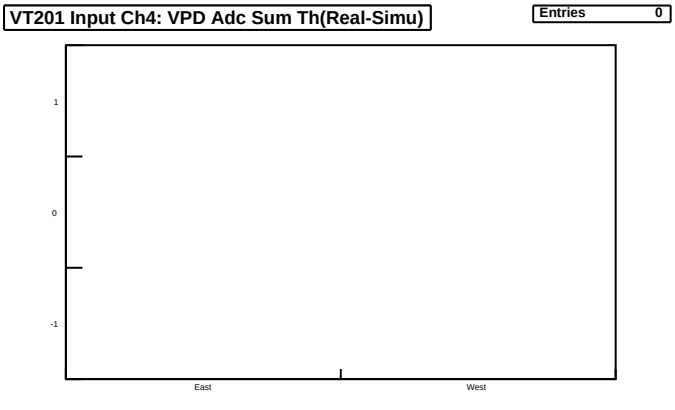

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1528184
6487
1609
8
6
6167
2475
38
29
184536
189414
191015
191017
184856
188548
190985
190994
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

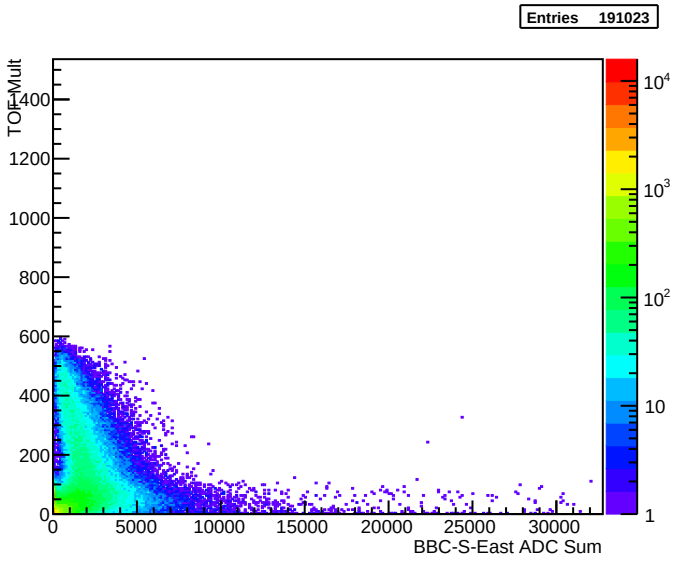

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

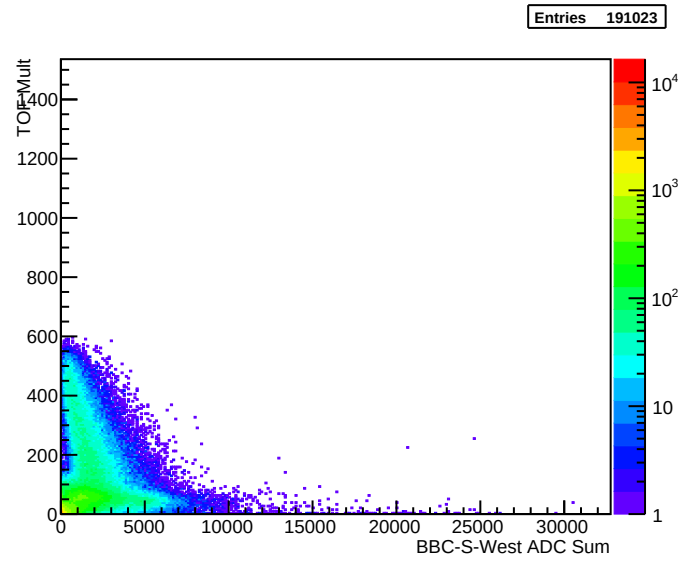

VT201 Input Ch4: VPD Tac Diff
Entries 191023
Tac

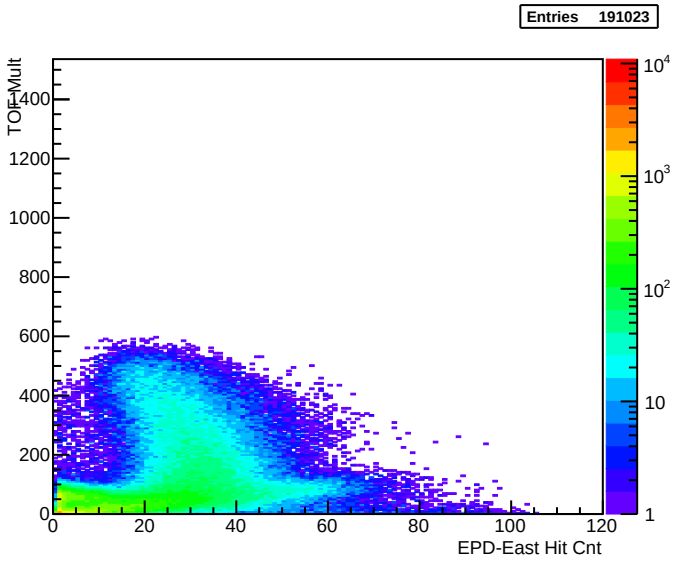

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

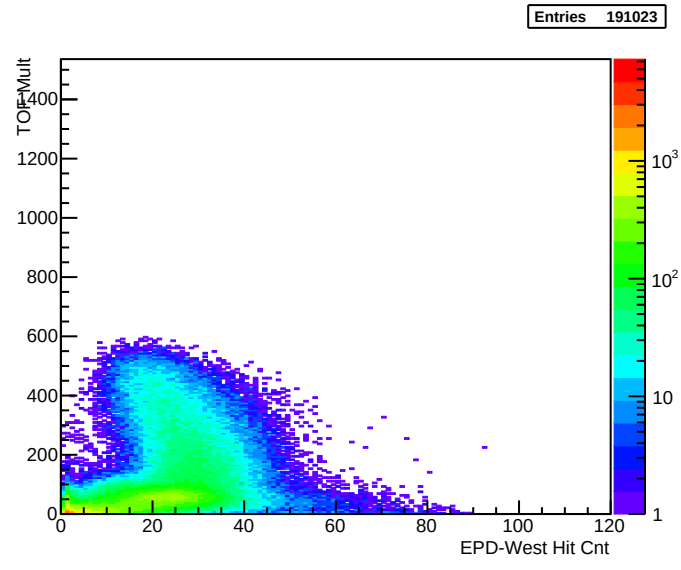

VT201 Input Ch4: VPD Adc Sum Th
Entries 382046
130998
154256
60025
36767
East
West

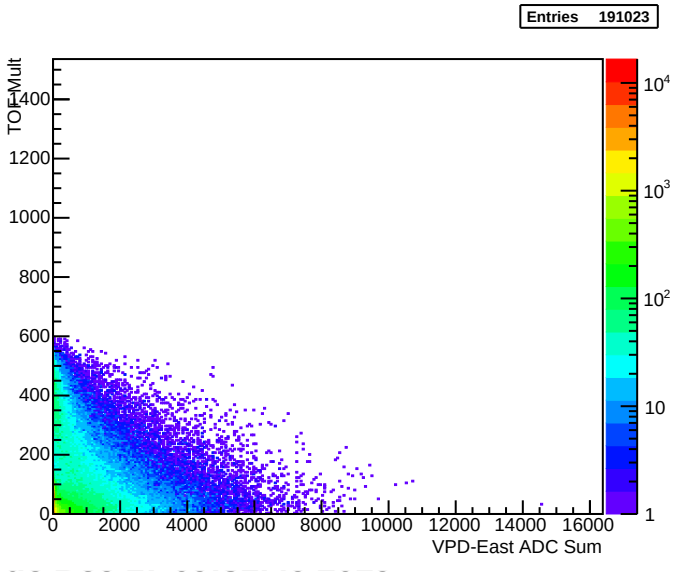

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

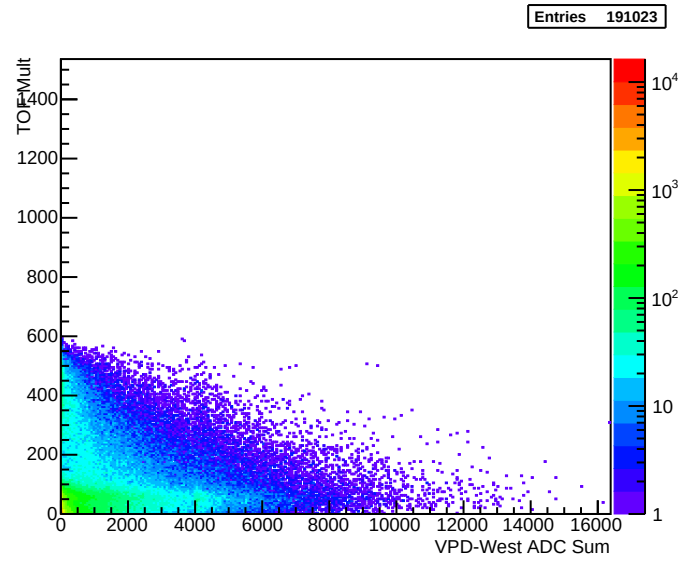

Entries 191023
TOF-Mult
BBC-S-East ADC Sum

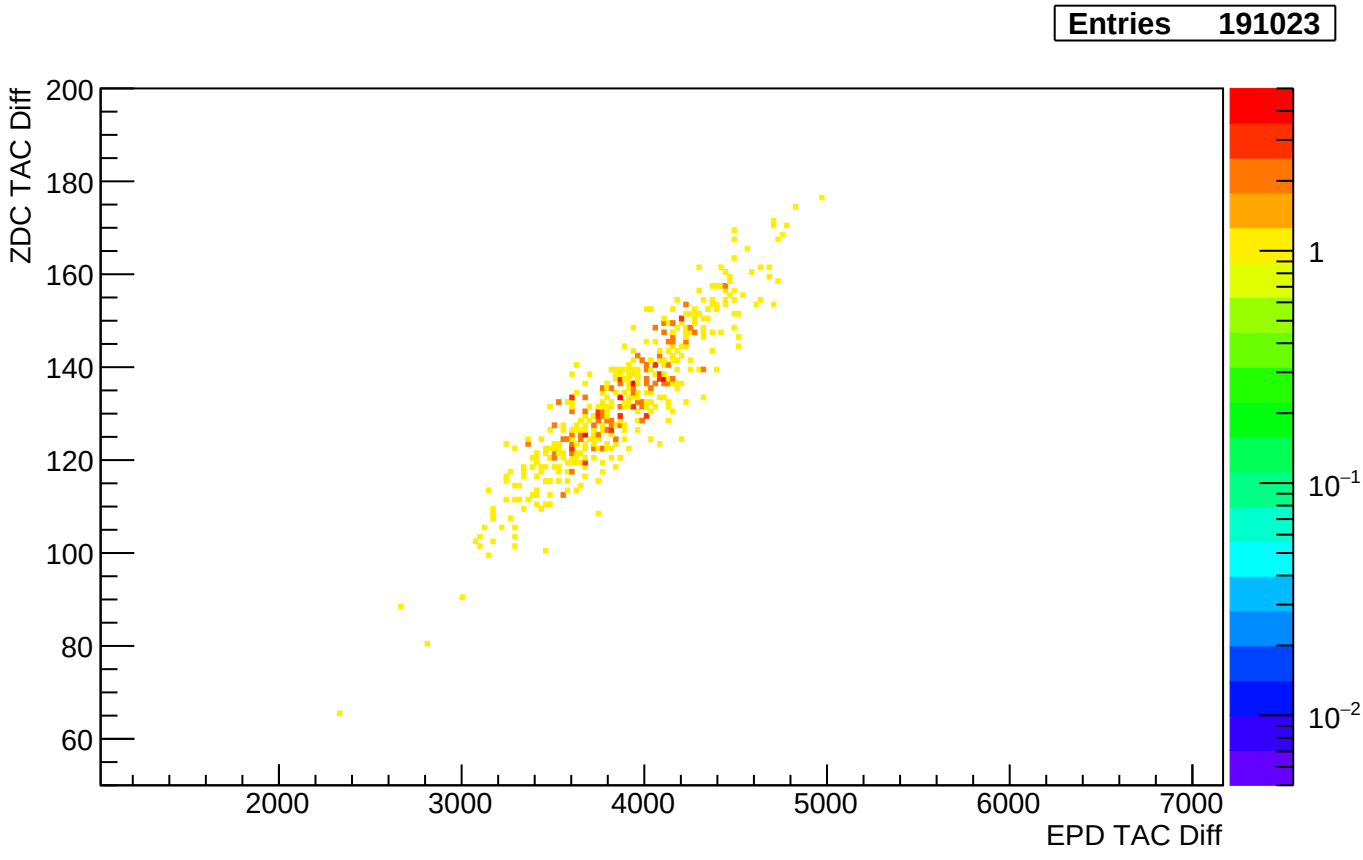

Entries 191023
TOF-Mult
BBC-S-West ADC Sum

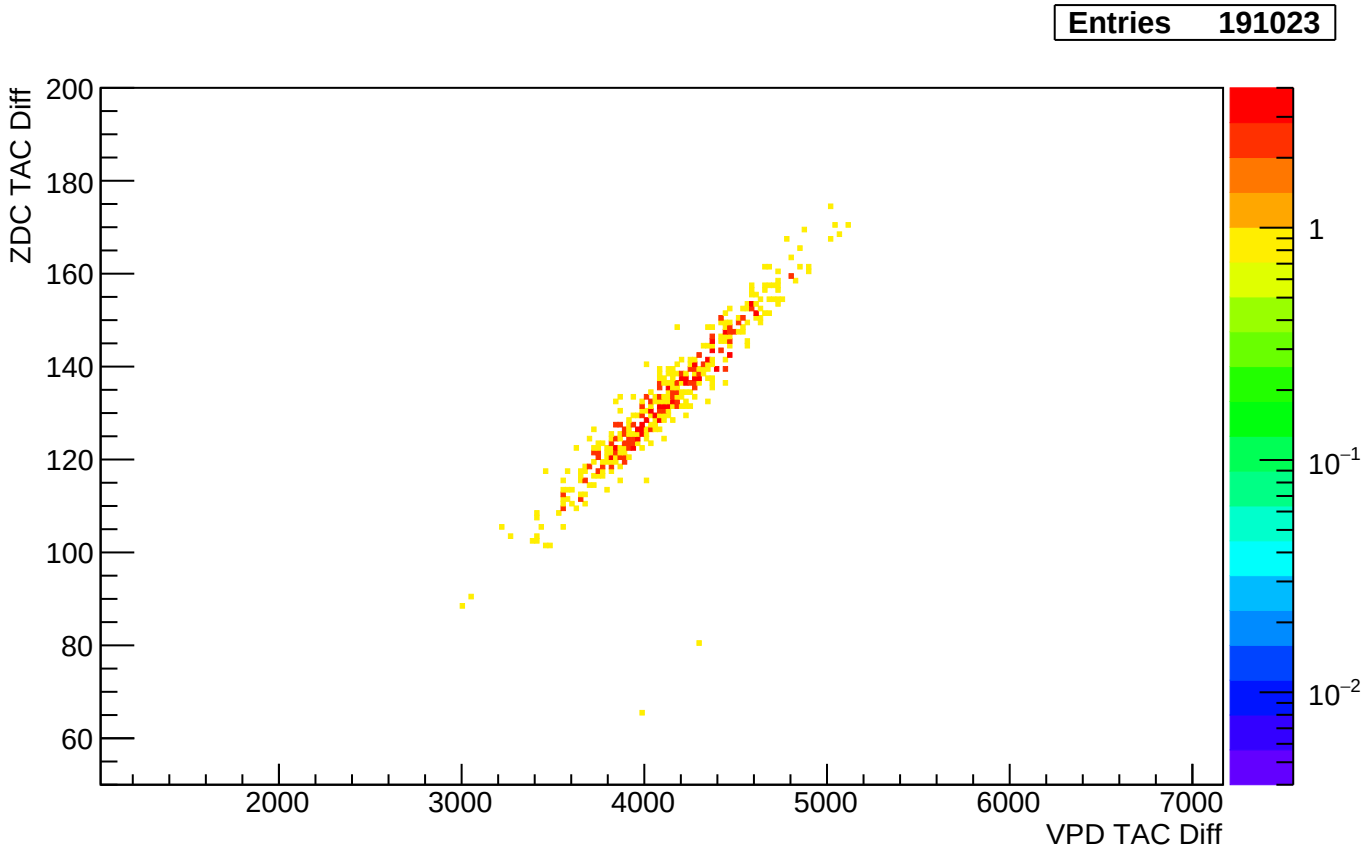

Entries 191023
TOF-Mult
EPD-East Hit Cnt

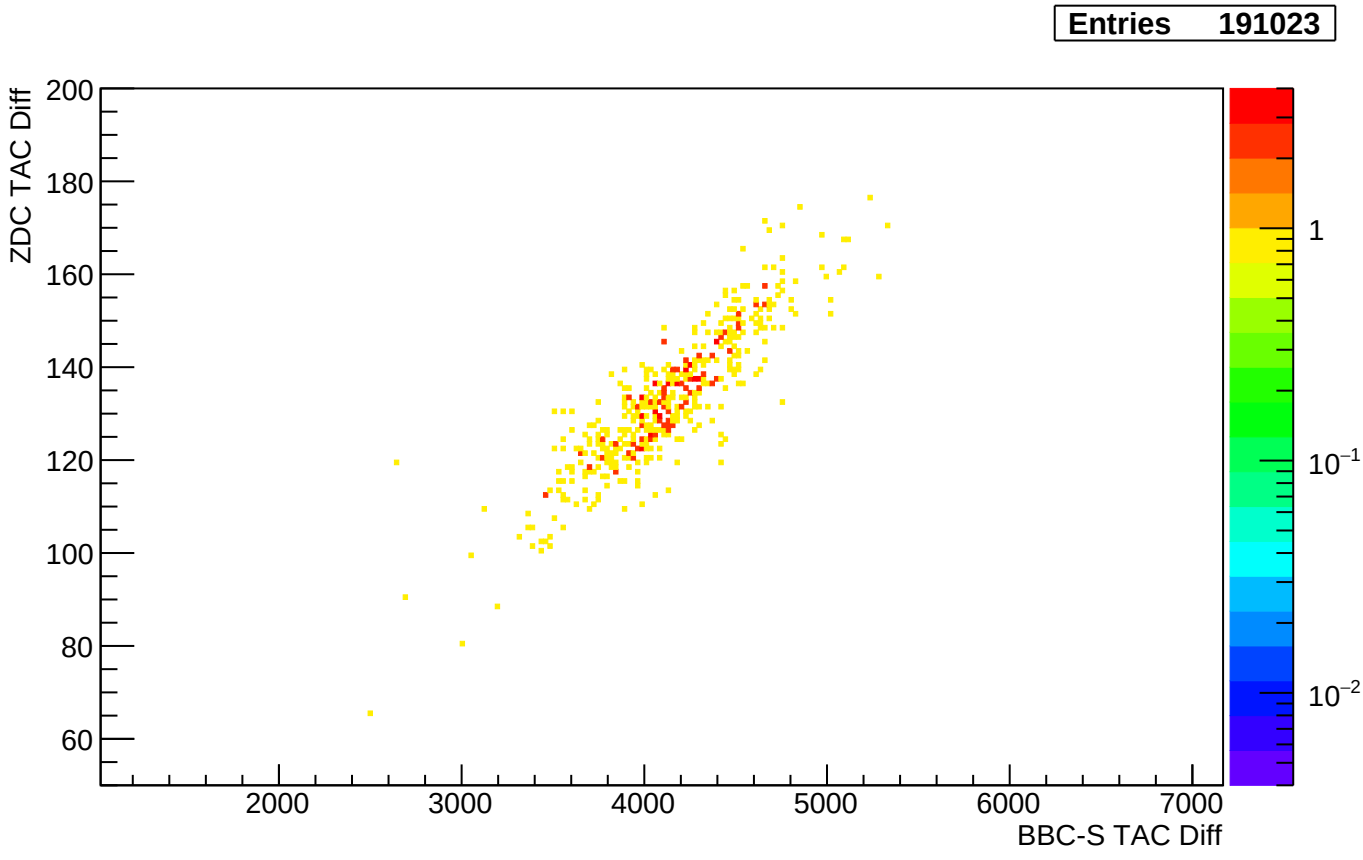

Entries 191023
TOF-Mult
EPD-West Hit Cnt

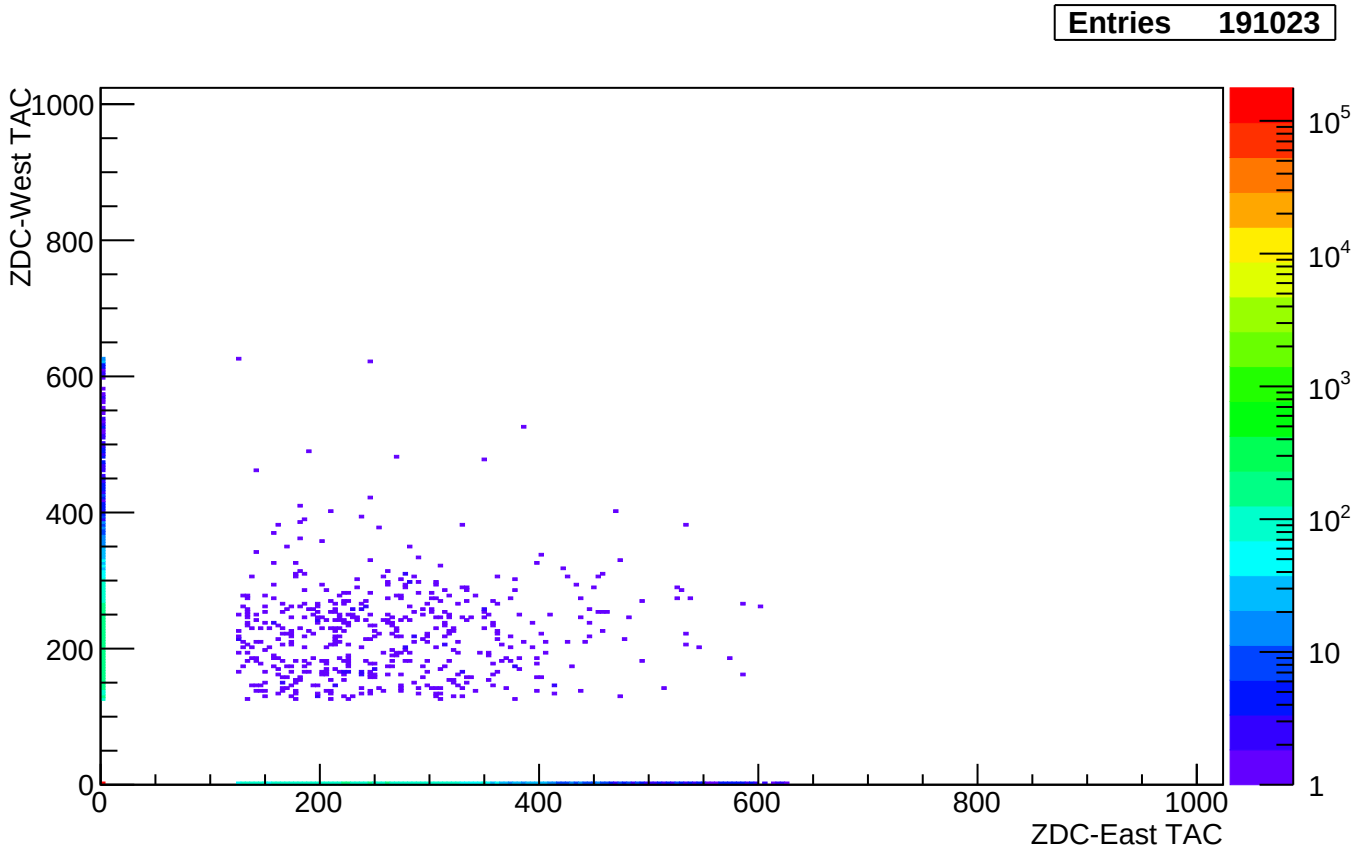

Entries 191023
TOF-Mult
VPD-East ADC Sum

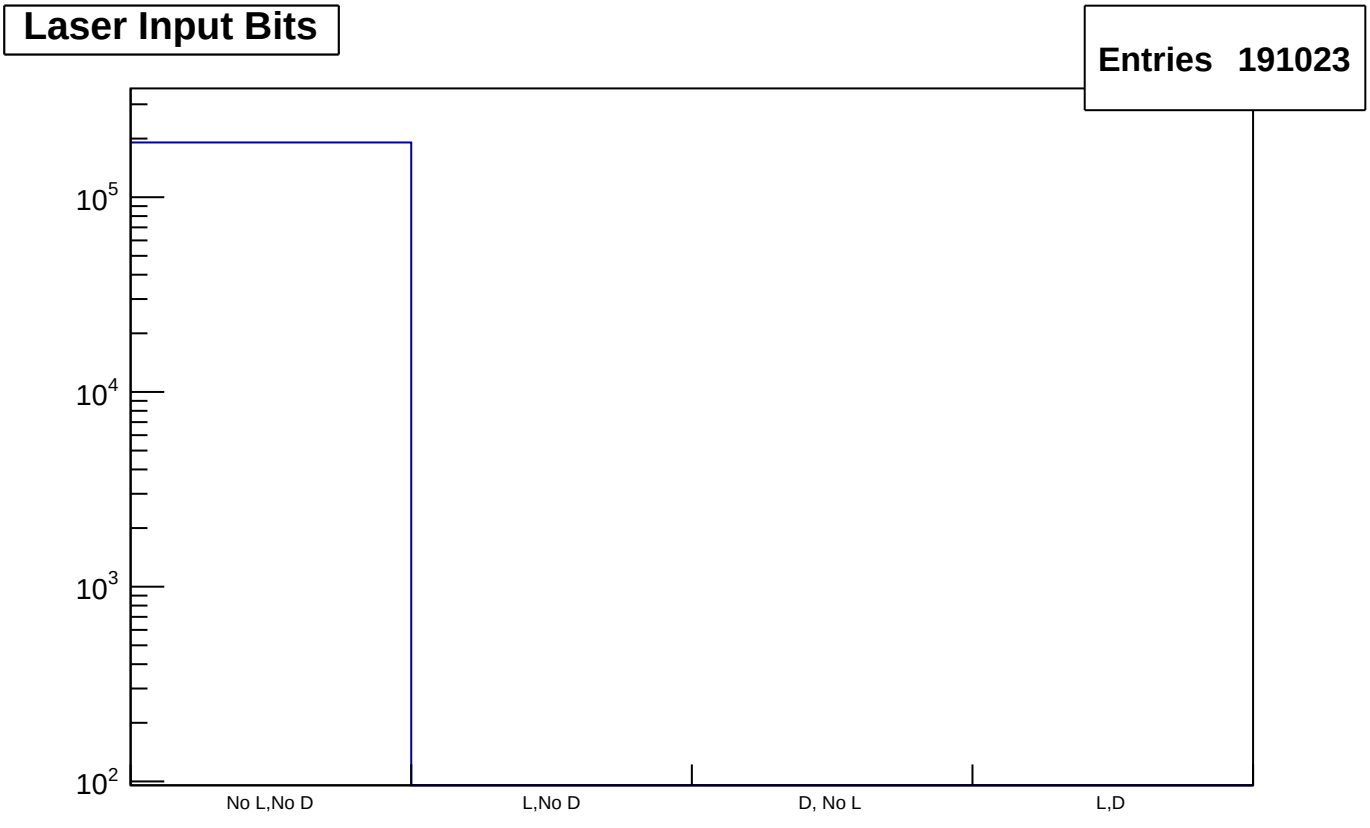

Entries 191023
TOF-Mult
VPD-West ADC Sum

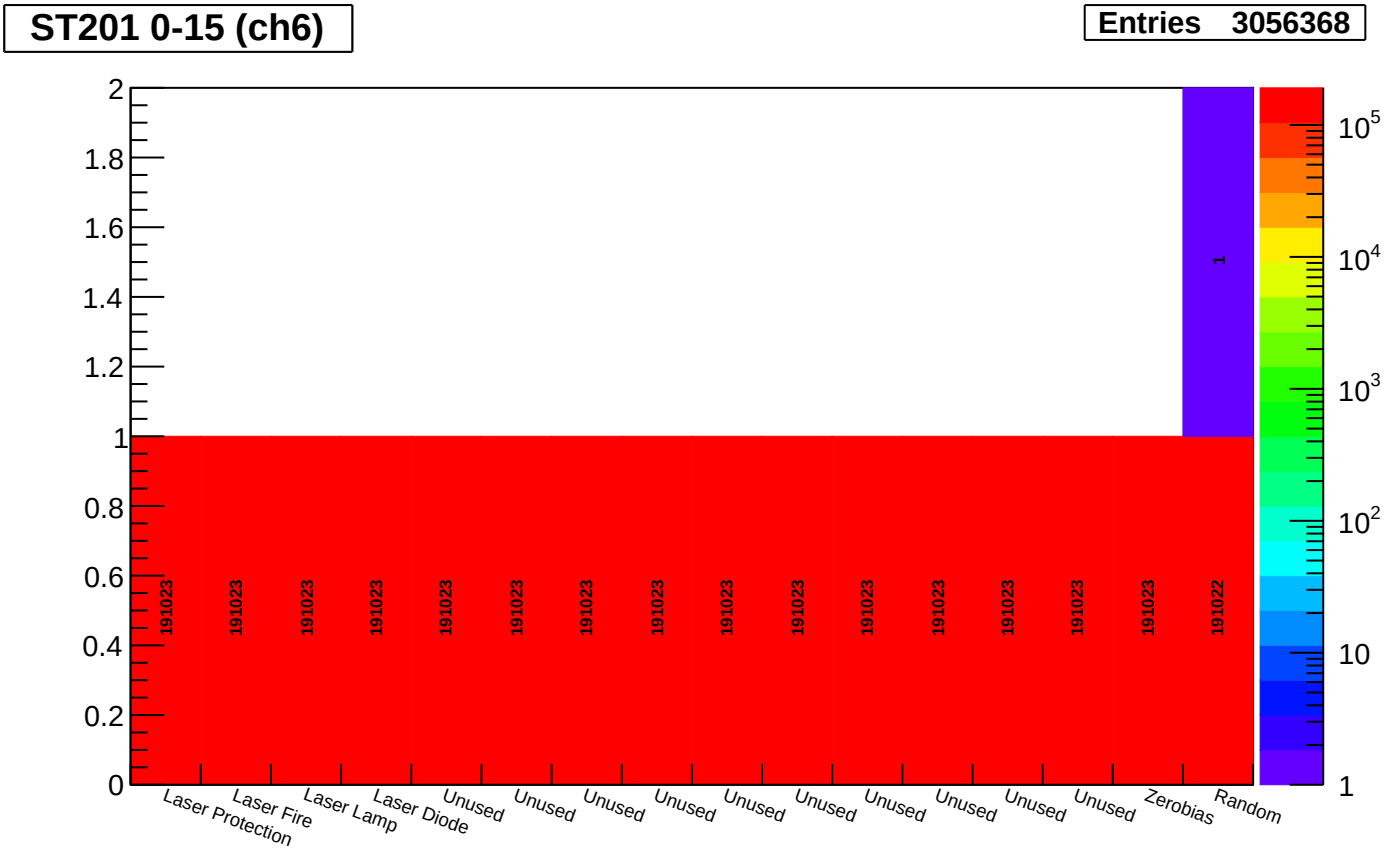

Entries 191023
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

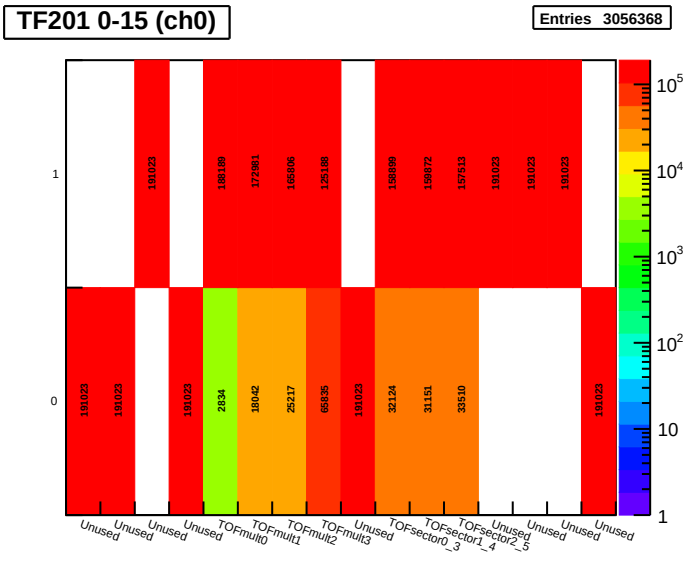

Entries 191023
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

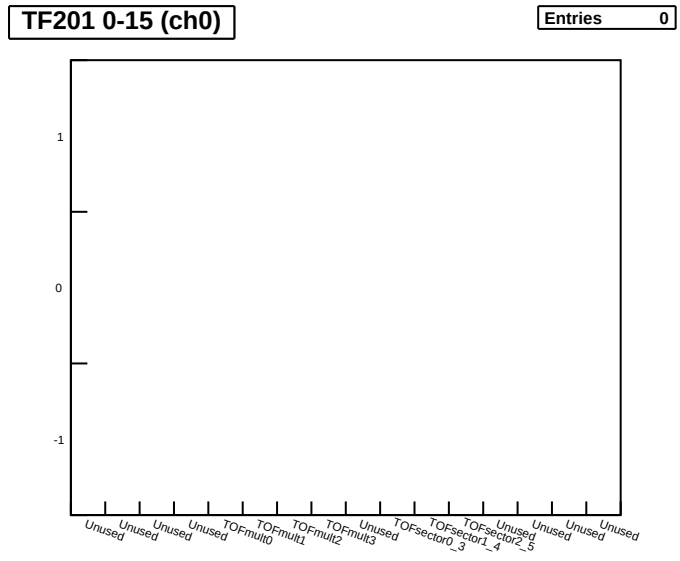

Entries 191023
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

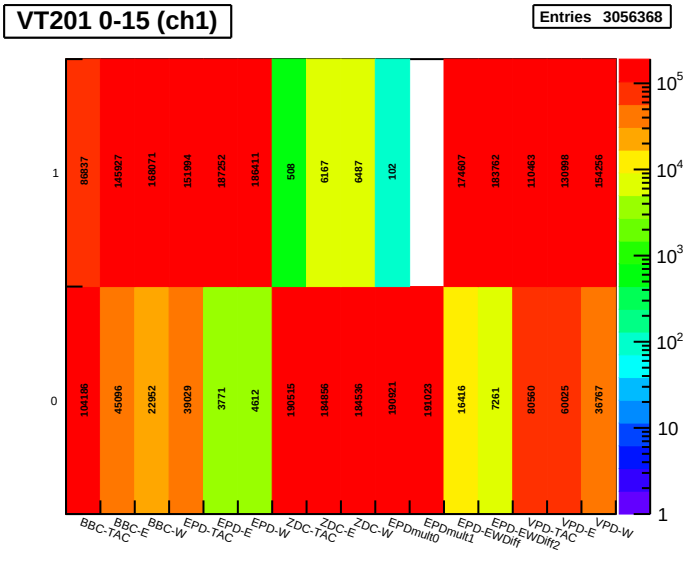

Entries 191023
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

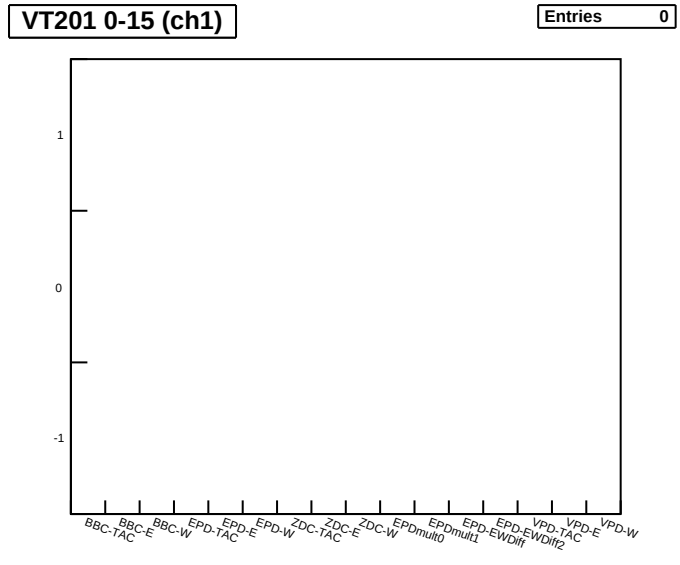

Laser Input Bits
Entries 191023
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

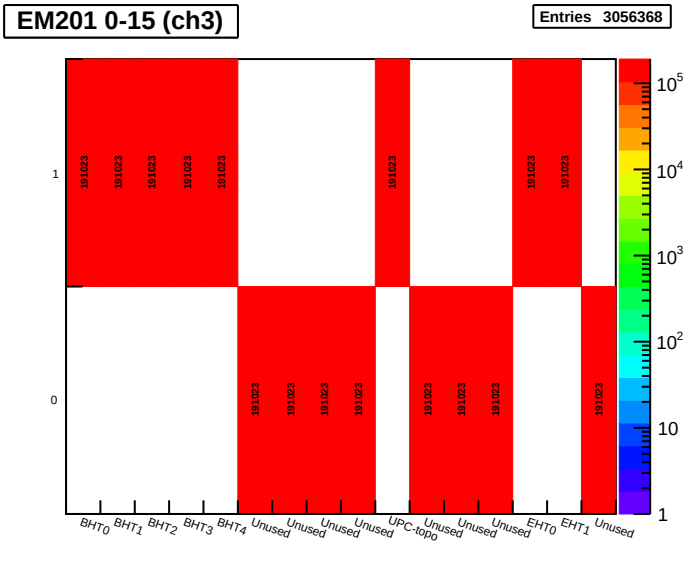

ST201 0-15 (ch6)
Entries 3056368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1
191023
191022
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

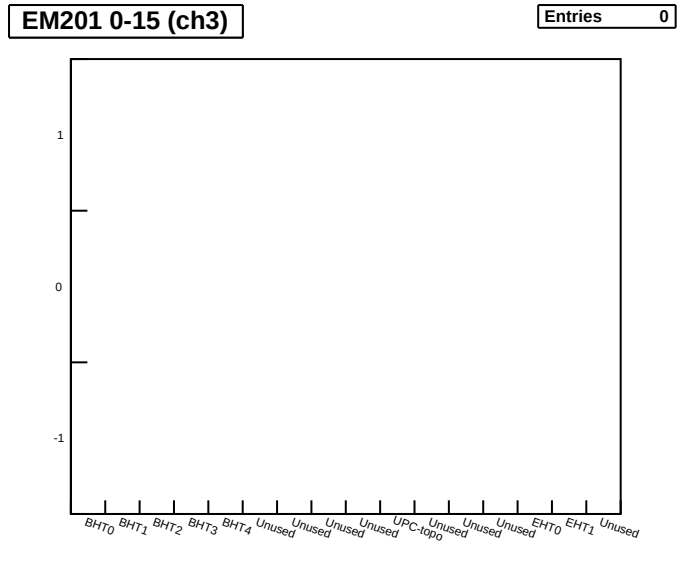

TF201 0-15 (ch0)
Entries 3056368
1
0
191023
188189
172981
165806
125188
158899
159872
157513
191023
191023
191023
191023
191023
191023
2834
18042
25217
65835
191023
32124
31151
33510
191023
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 3056368
1
0
86837
145927
168071
151994
187252
186411
508
6167
6487
102
174607
183762
110463
130998
154256
104186
45096
22952
39029
3771
4612
190515
184956
184536
190921
191023
16416
7261
80560
60025
36767
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 3056368
1
0
191023
191023
191023
191023
191023
191023
191023
191023
191023
191023
191023
191023
191023
191023
191023
191023
191023
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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