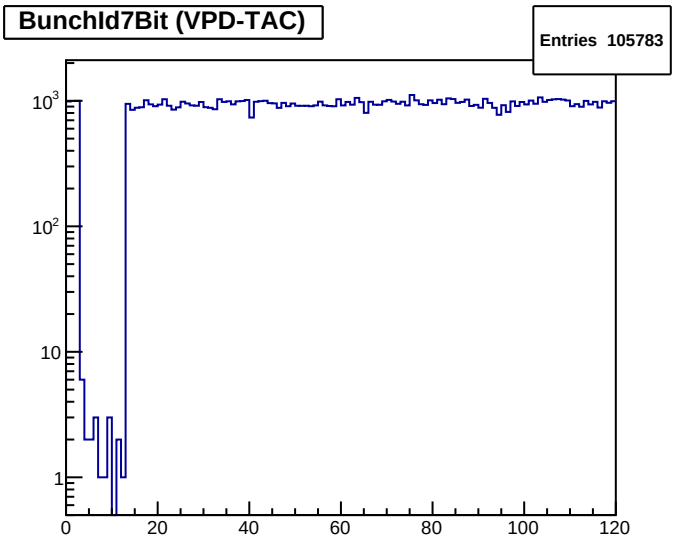
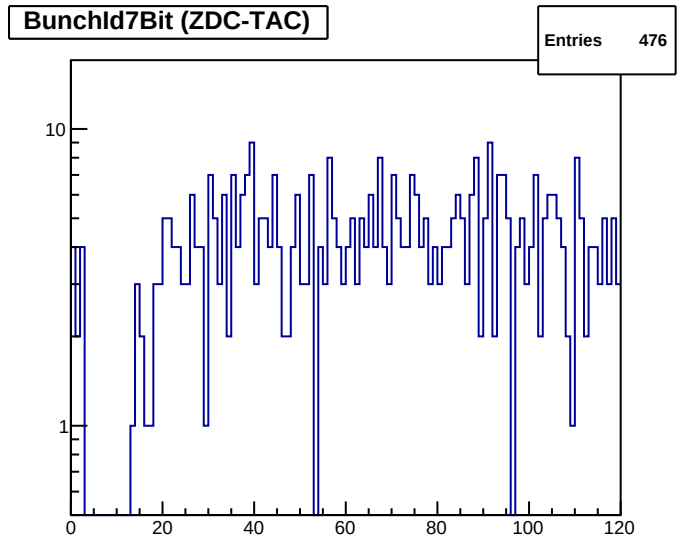
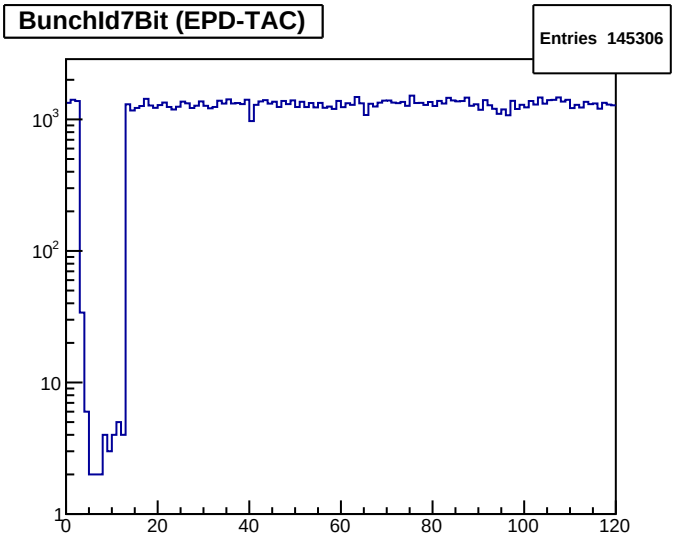
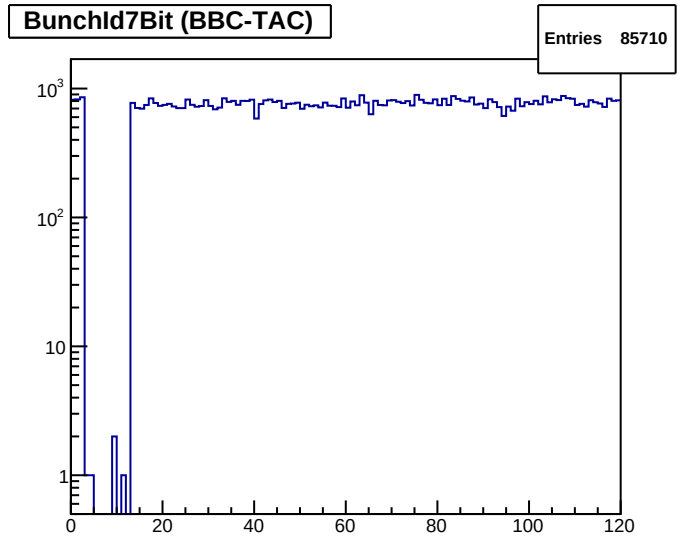
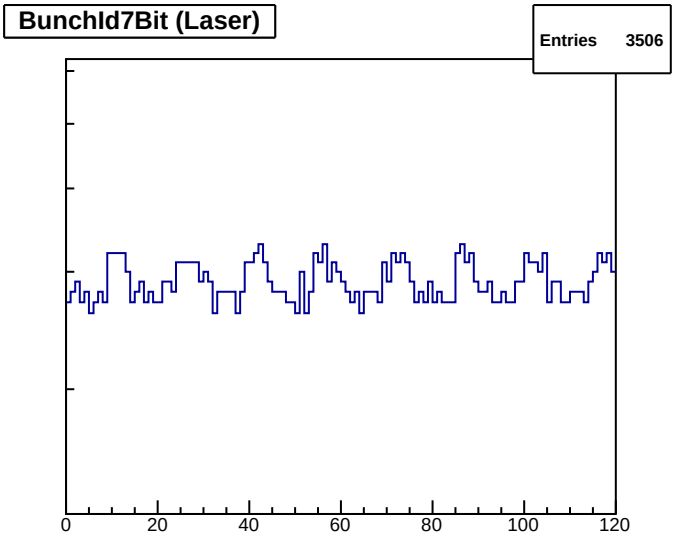
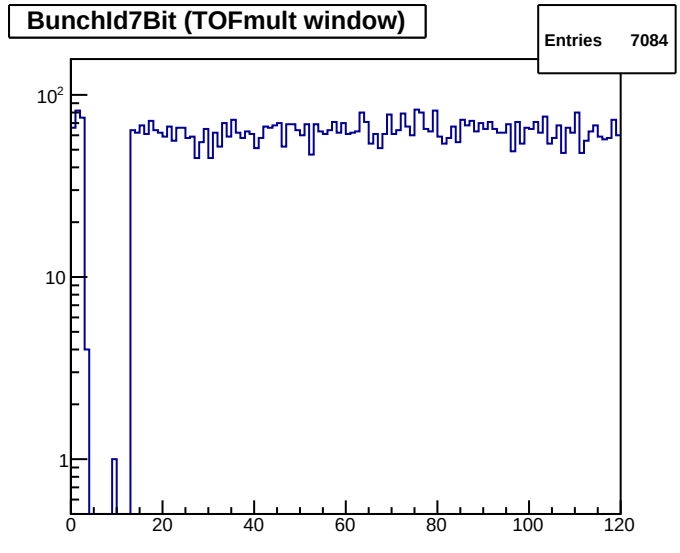

BunchId7Bit (VPD-TAC)
Entries 105783

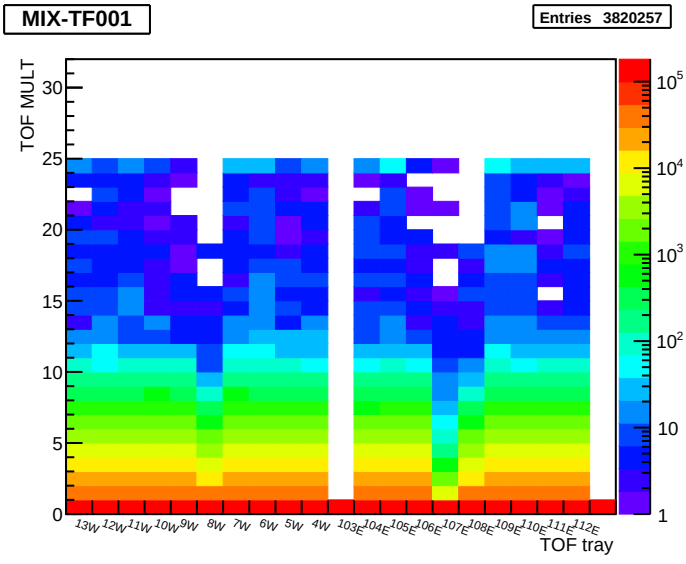

BunchId7Bit (ZDC-TAC)
Entries 476

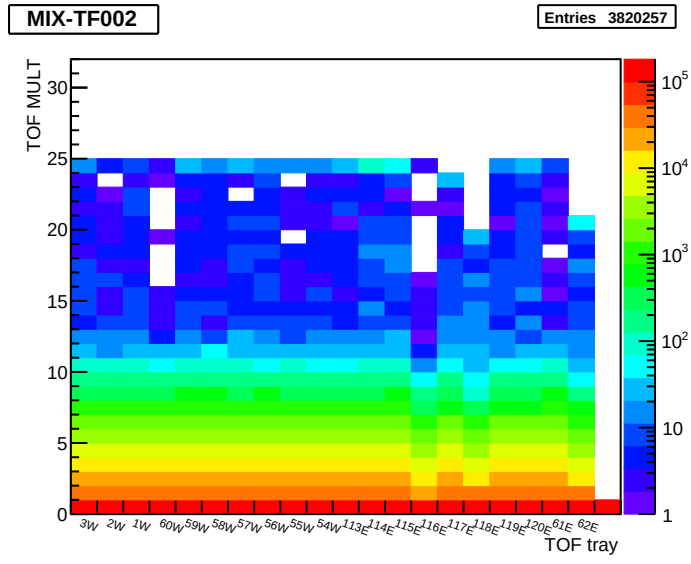

BunchId7Bit (EPD-TAC)
Entries 145306

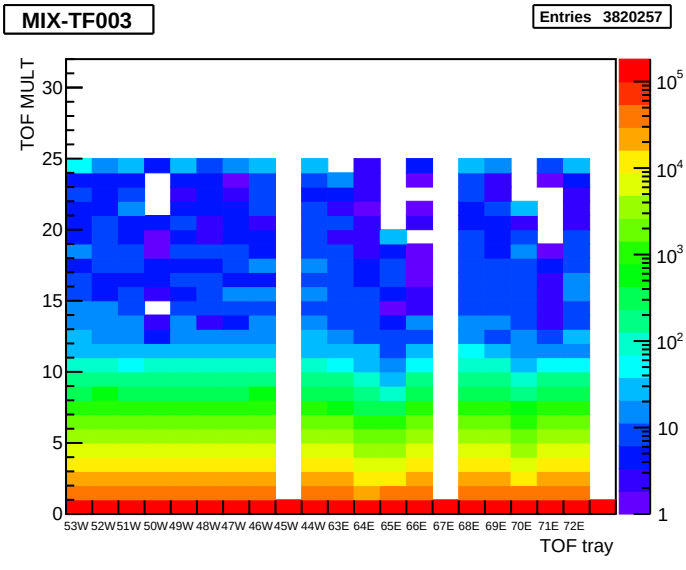

BunchId7Bit (BBC-TAC)
Entries 85710

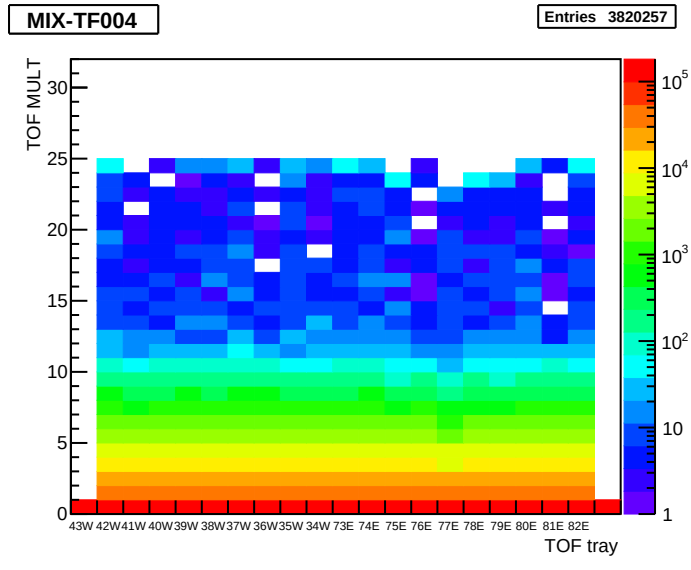

BunchId7Bit (Laser)
Entries 3506

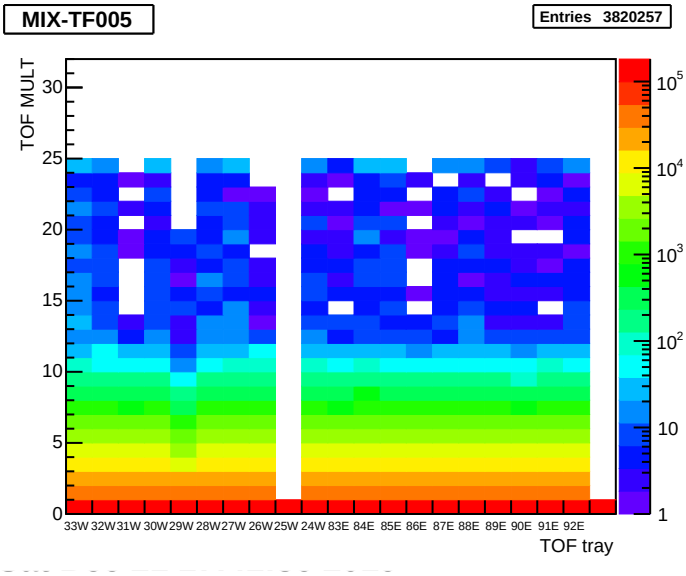

BunchId7Bit (TOFmult window)
Entries 7084

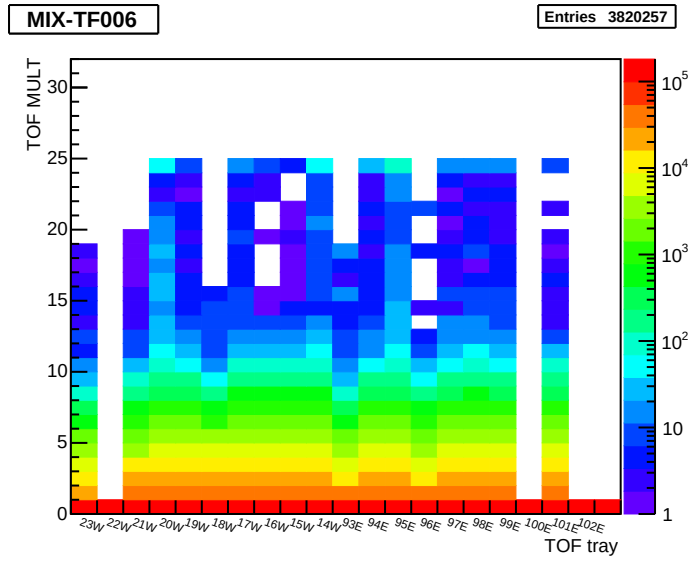

MIX-TF001
Entries 3820257
TOF MULT
TOF tray

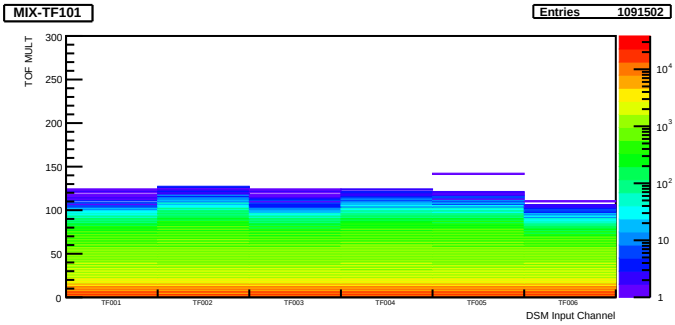

MIX-TF002
Entries 3820257
TOF MULT
TOF tray

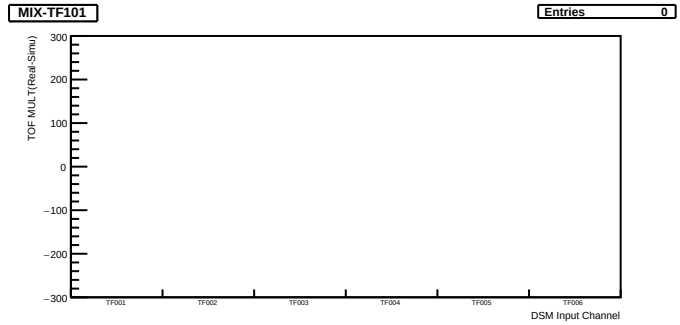

MIX-TF003
Entries 3820257
TOF MULT
TOF tray

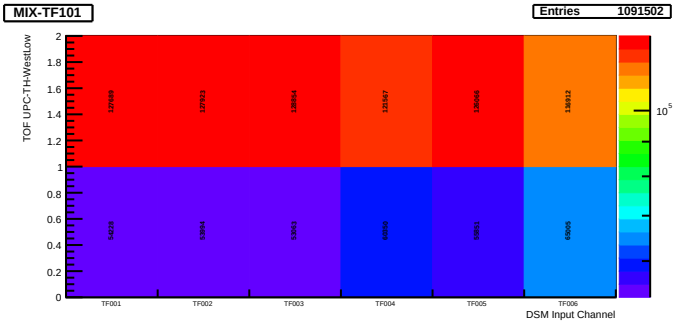

MIX-TF004
Entries 3820257
TOF MULT
TOF tray

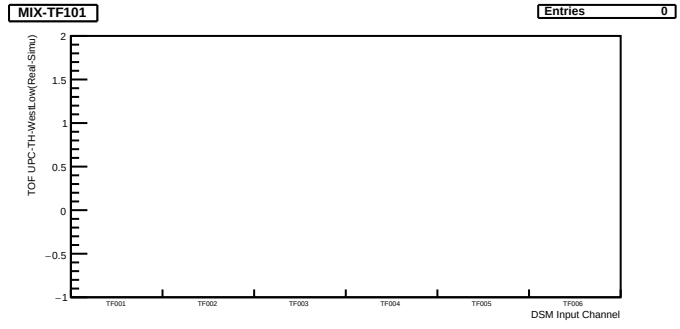

MIX-TF005
Entries 3820257
TOF MULT
TOF tray

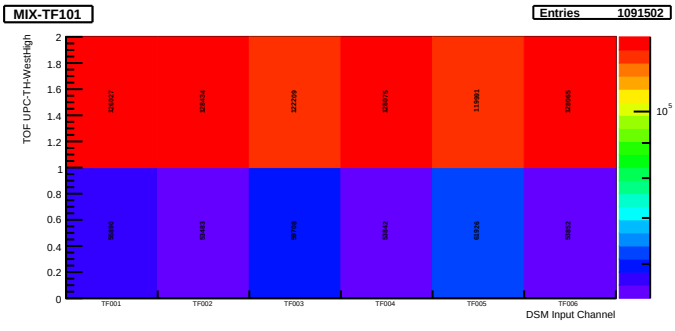

MIX-TF006
Entries 3820257
TOF MULT
TOF tray

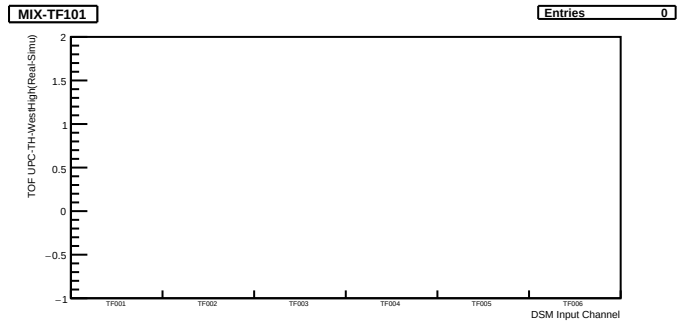

MIX-TF101
Entries 1091502
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

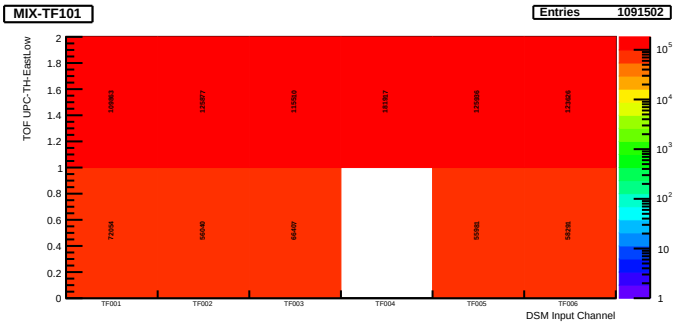

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

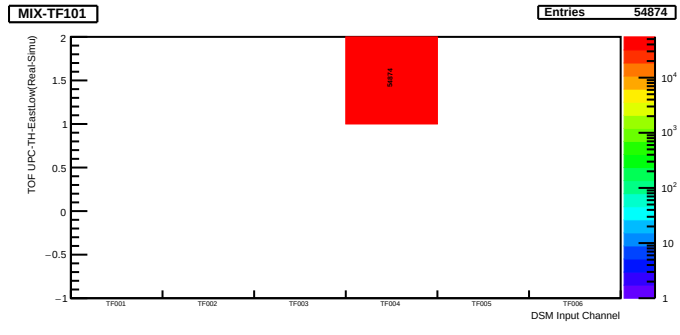

MIX-TF101
Entries 1091502
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

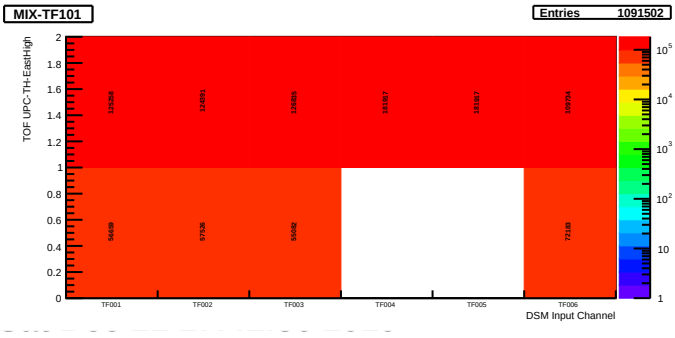

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

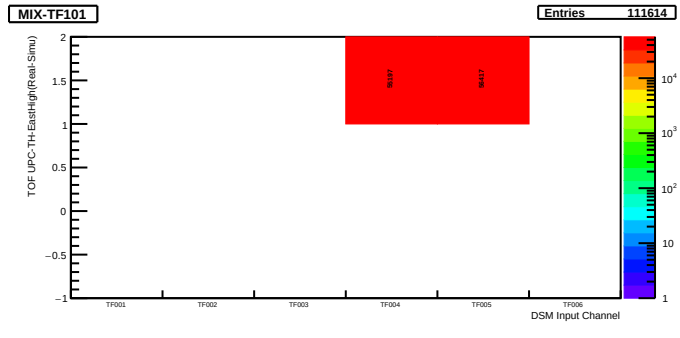

MIX-TF101
Entries 1091502
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

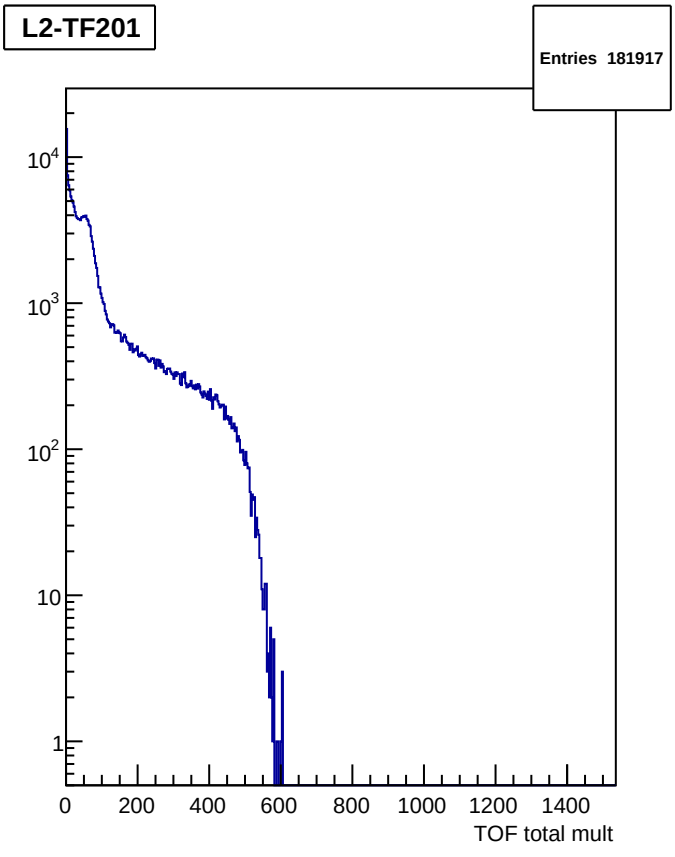

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

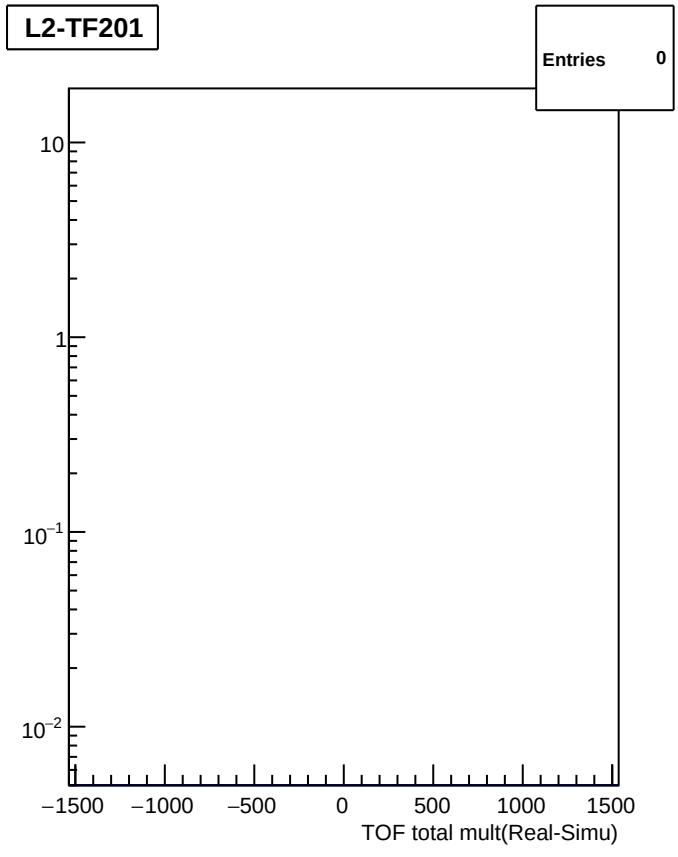

MIX-TF101
Entries 1091502
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

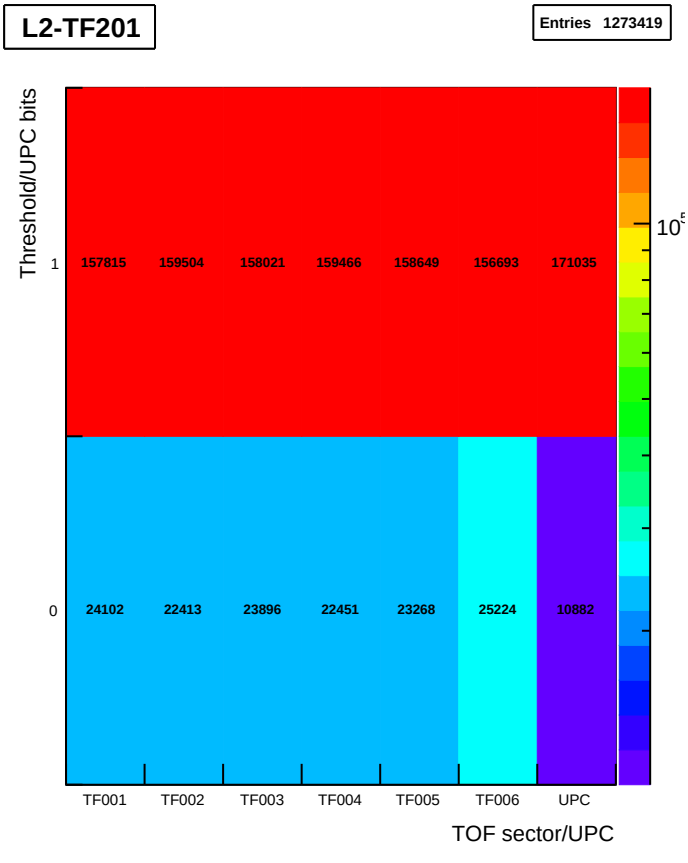

MIX-TF101
Entries 54874
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

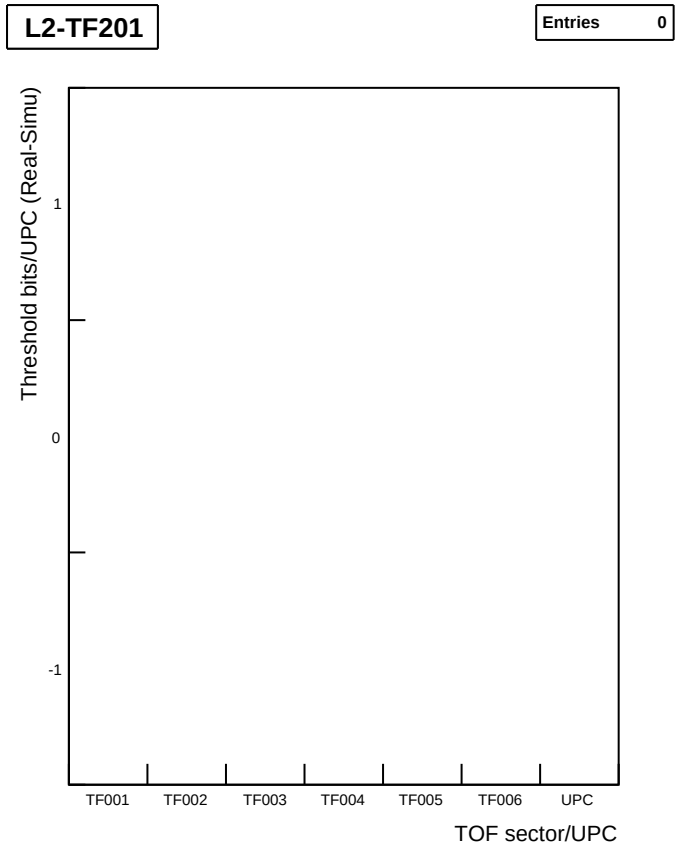

MIX-TF101
Entries 1091502
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

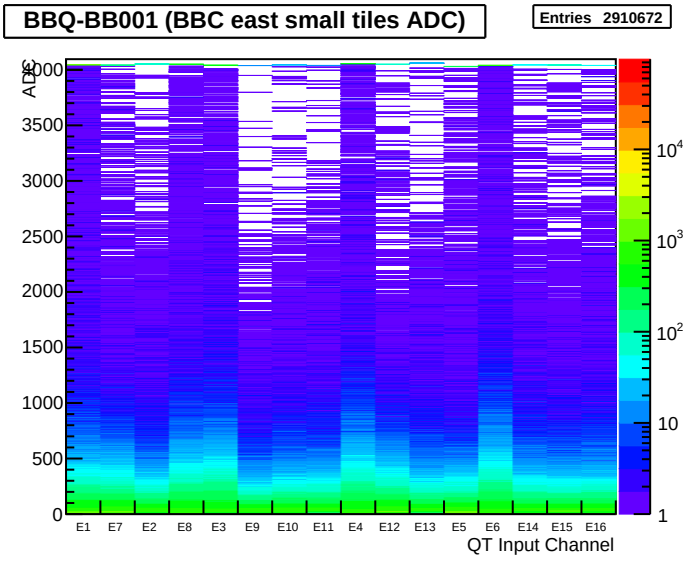

MIX-TF101
Entries 111614
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

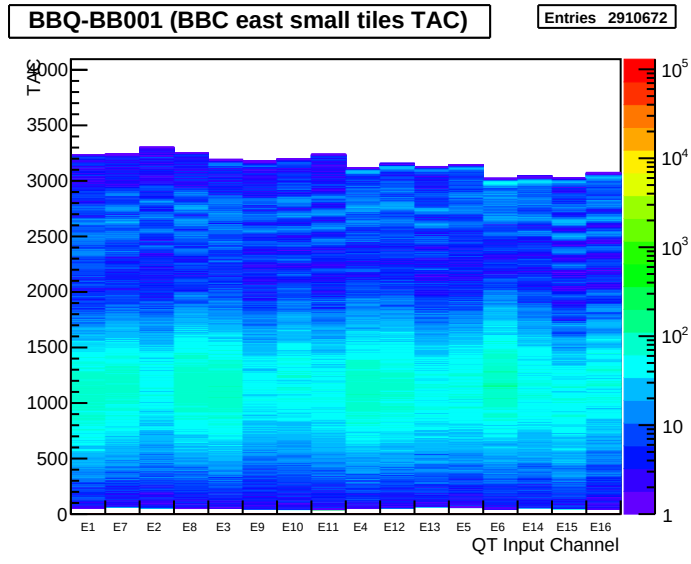

L2-TF201
Entries 181917
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

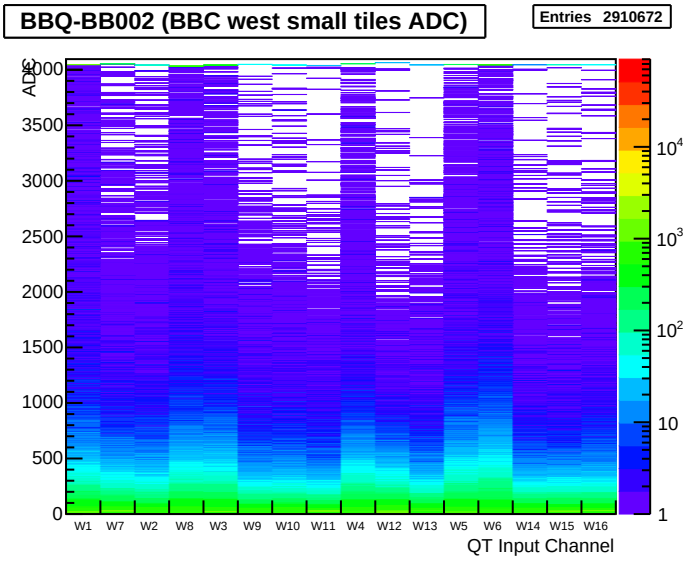

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

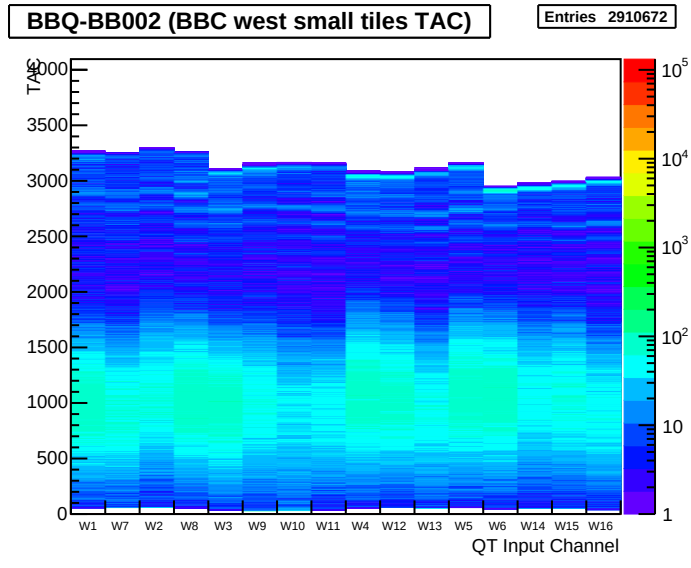

L2-TF201
Entries 1273419
Threshold/UPC bits
1
0
157815
159504
158021
159466
158649
156693
171035
24102
22413
23896
22451
23268
25224
10882
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

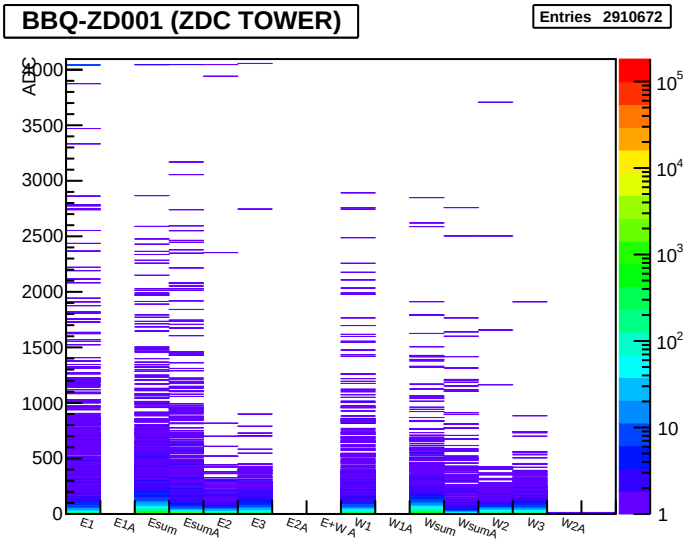

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

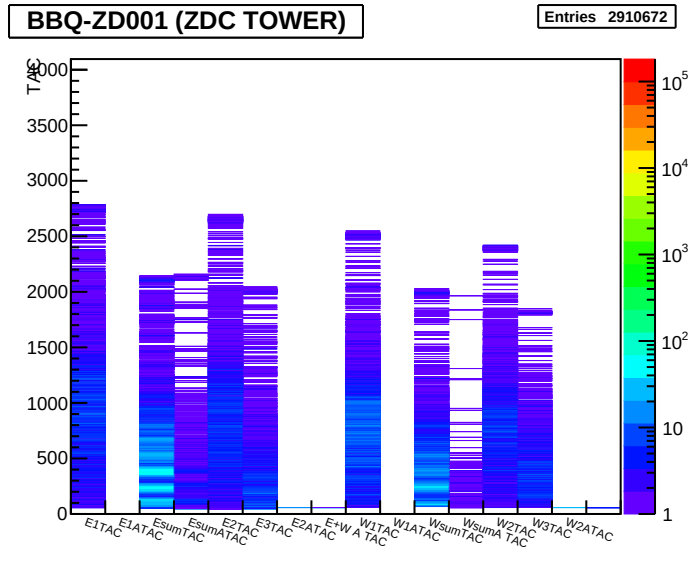

BBQ-BB001 (BBC east small tiles ADC)
Entries 2910672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

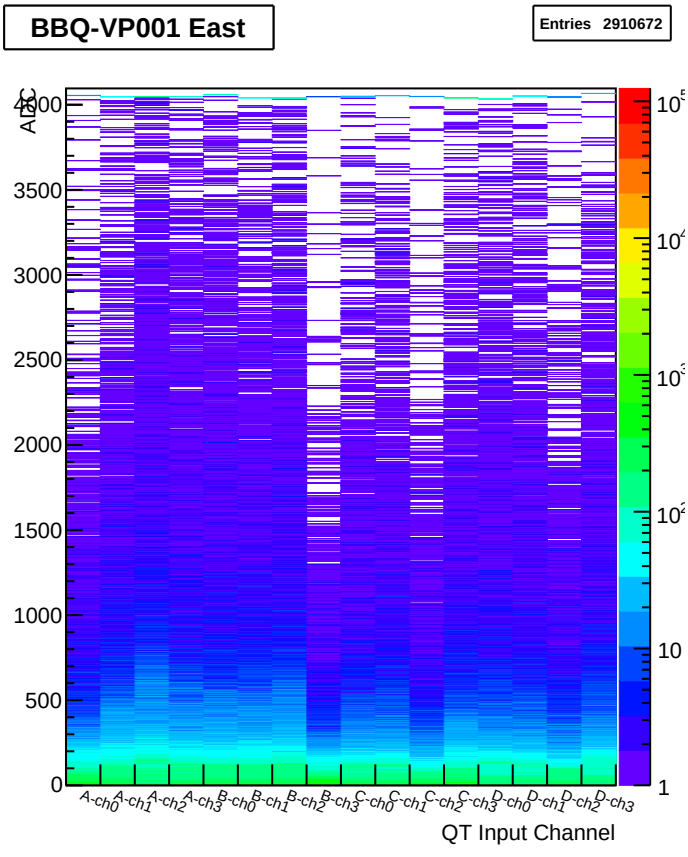

BBQ-BB001 (BBC east small tiles TAC)
Entries 2910672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

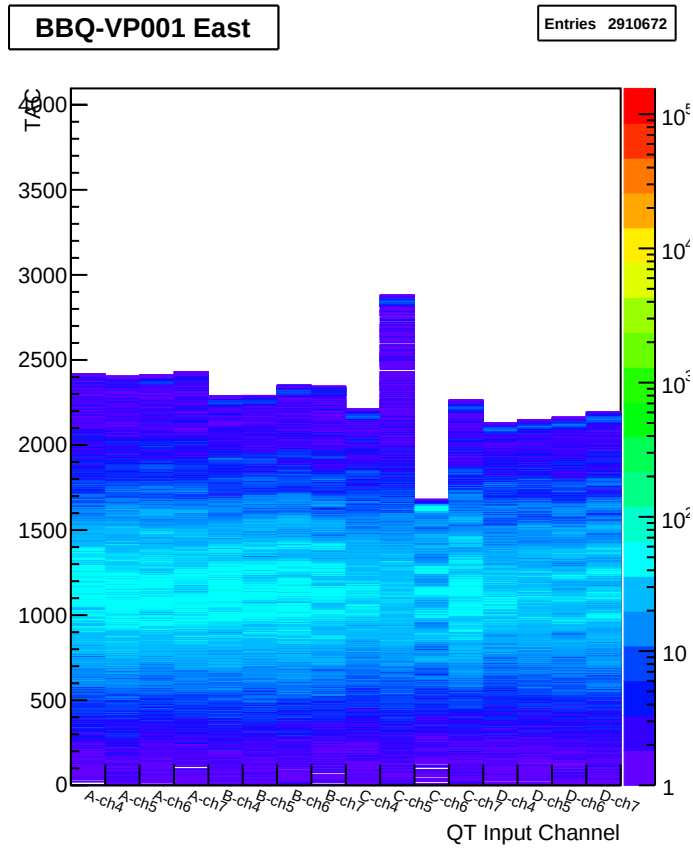

BBQ-BB002 (BBC west small tiles ADC)
Entries 2910672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

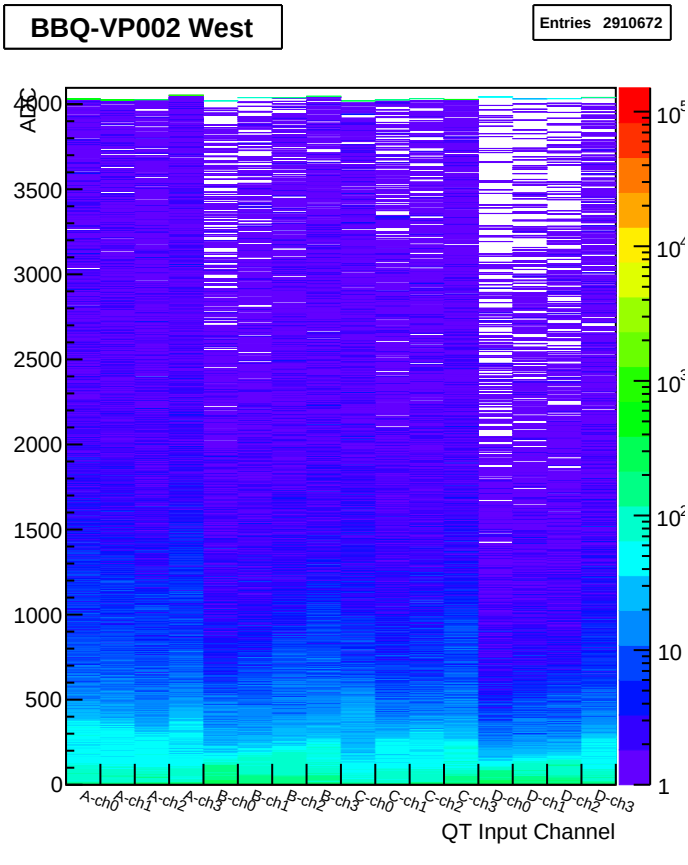

BBQ-BB002 (BBC west small tiles TAC)
Entries 2910672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

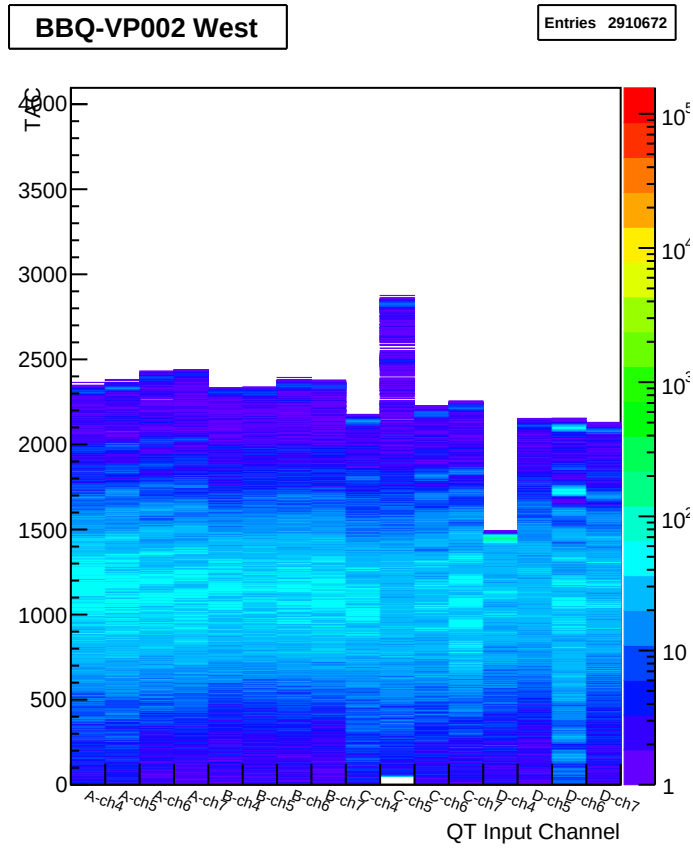

BBQ-ZD001 (ZDC TOWER)
Entries 2910672
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

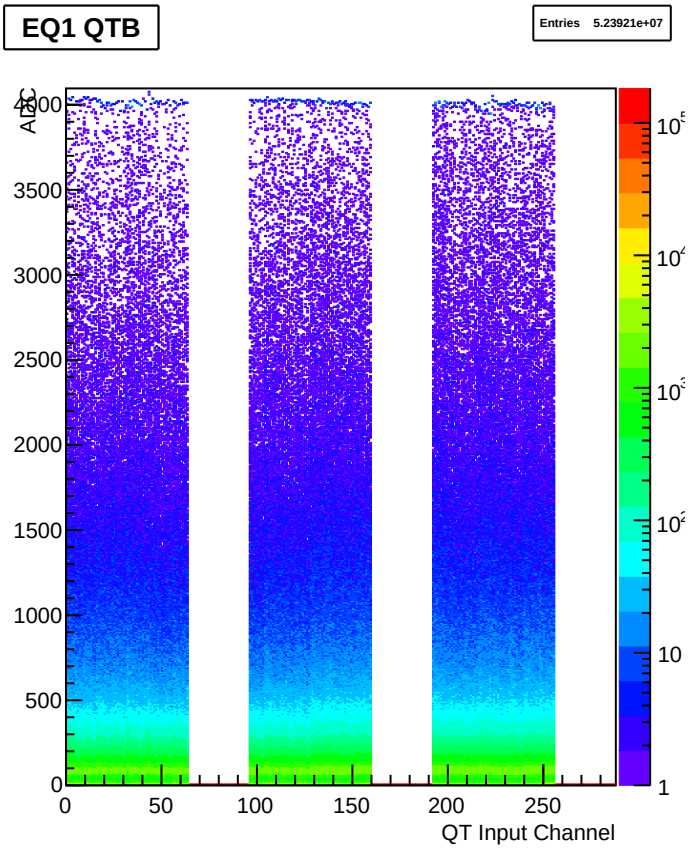

BBQ-ZD001 (ZDC TOWER)
Entries 2910672
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

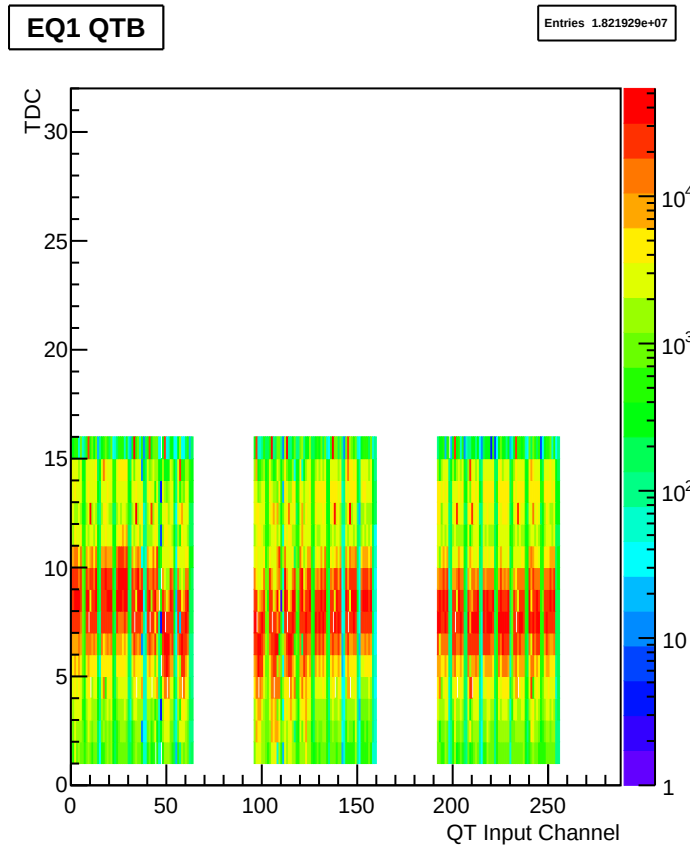

BBQ-VP001 East
Entries 2910672
ADC
QT Input Channel

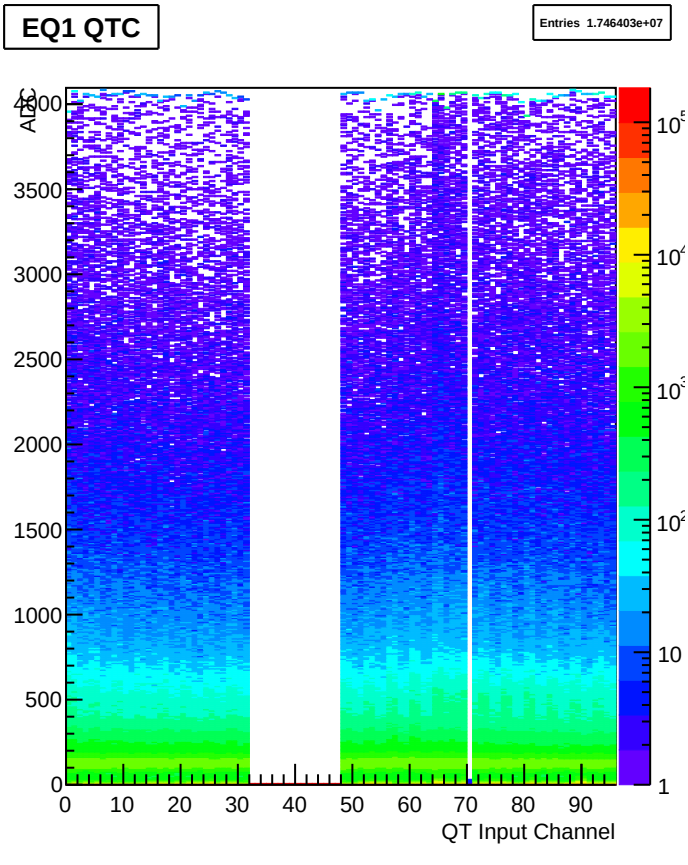

BBQ-VP001 East
Entries 2910672
ADC
QT Input Channel

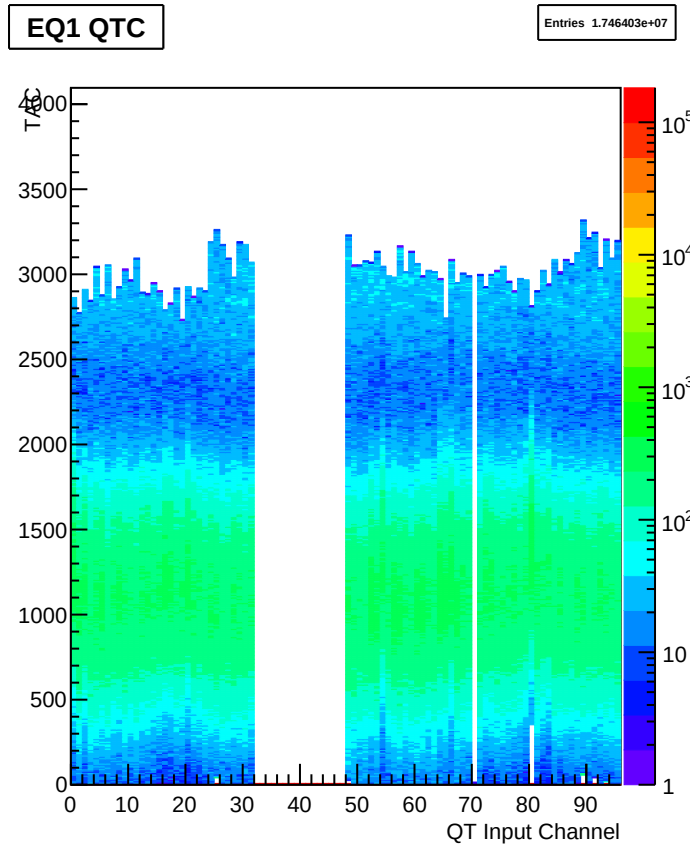

BBQ-VP002 West
Entries 2910672
ADC
QT Input Channel

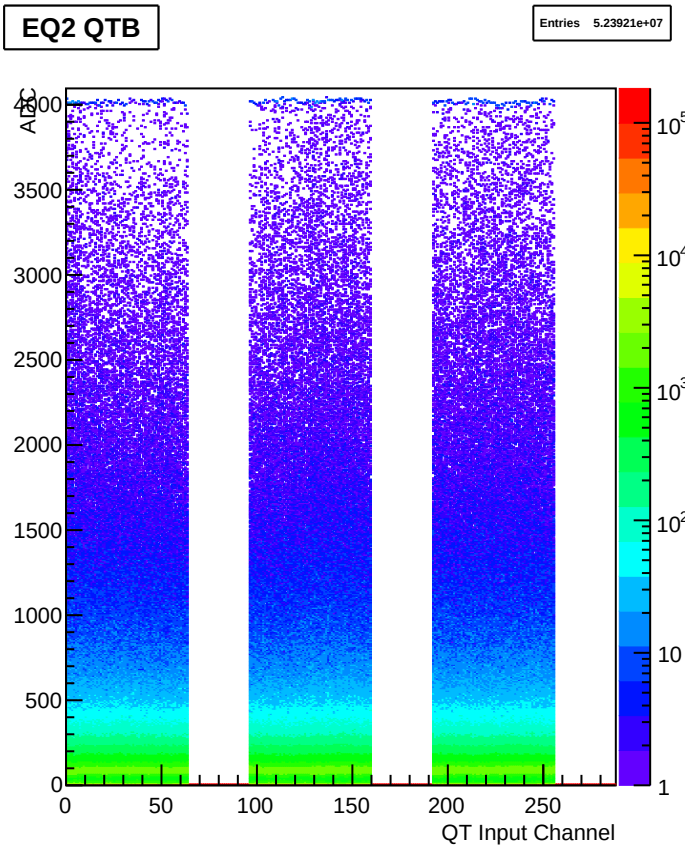

BBQ-VP002 West
Entries 2910672
ADC
QT Input Channel

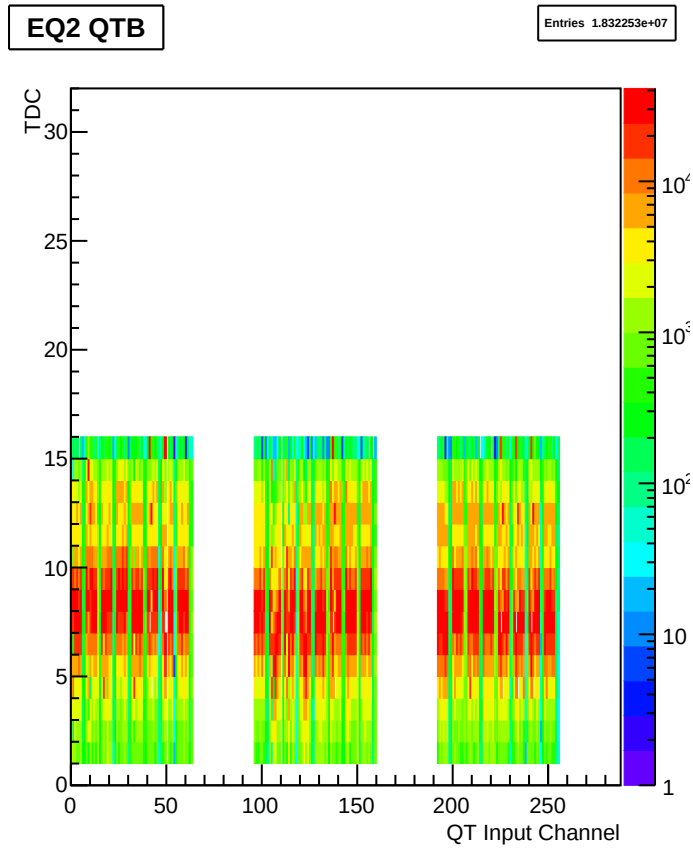

EQ1 QTB
Entries 5.23921e+07
ADC
QT Input Channel

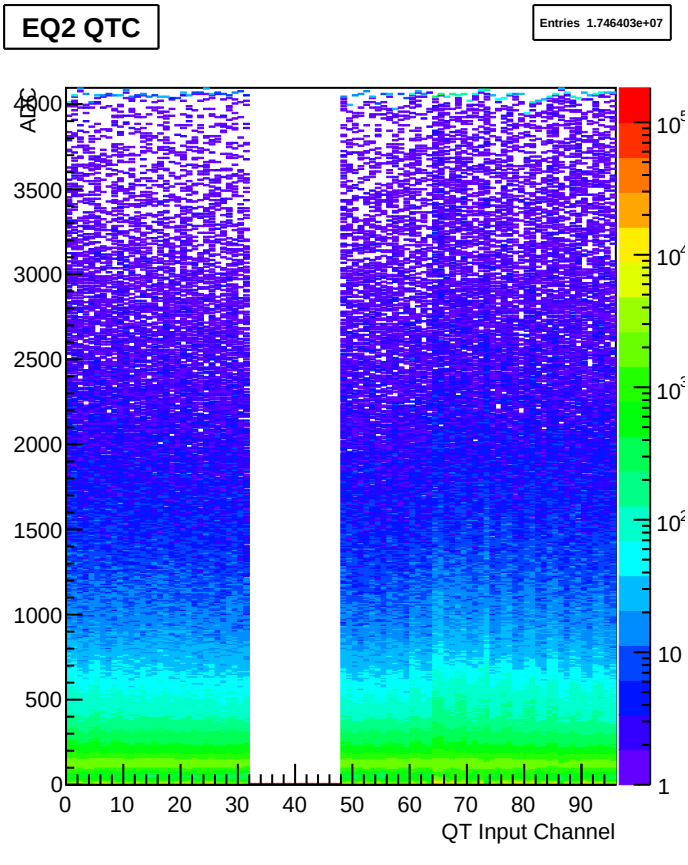

EQ1 QTB
Entries 1.821929e+07
TDC
QT Input Channel

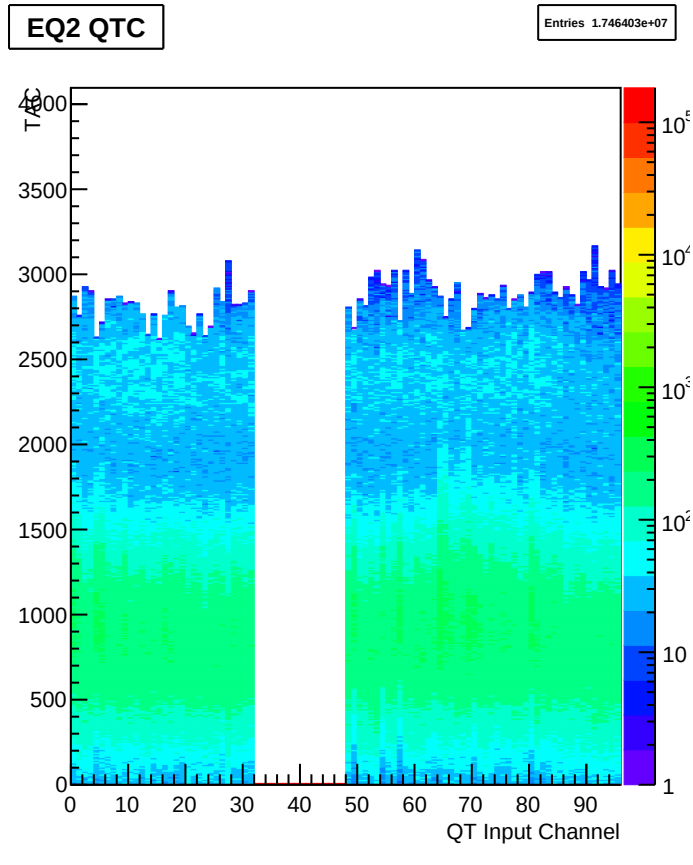

EQ1 QTC
Entries 1.746403e+07
ADC
QT Input Channel

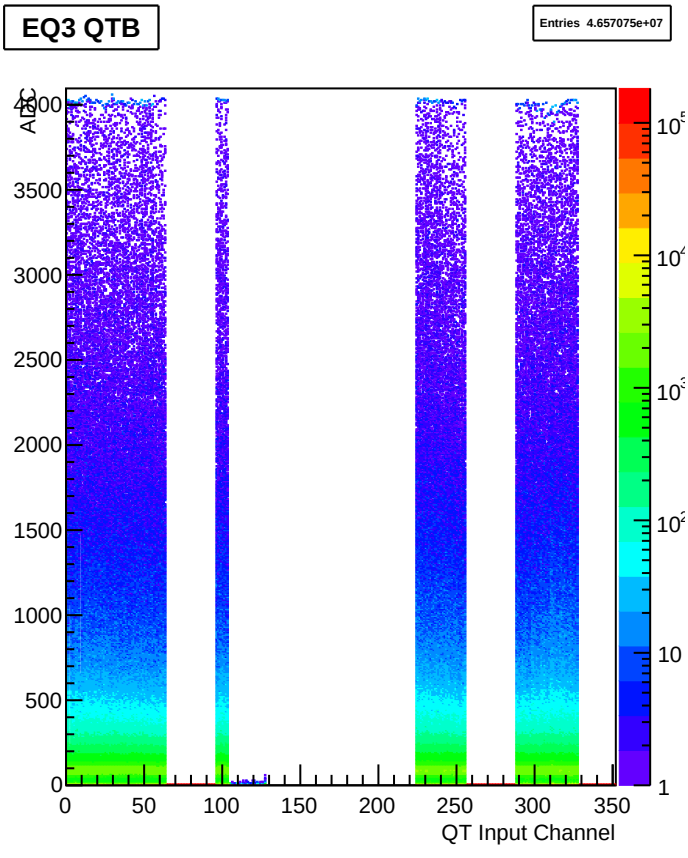

EQ1 QTC
Entries 1.746403e+07
TADC
QT Input Channel

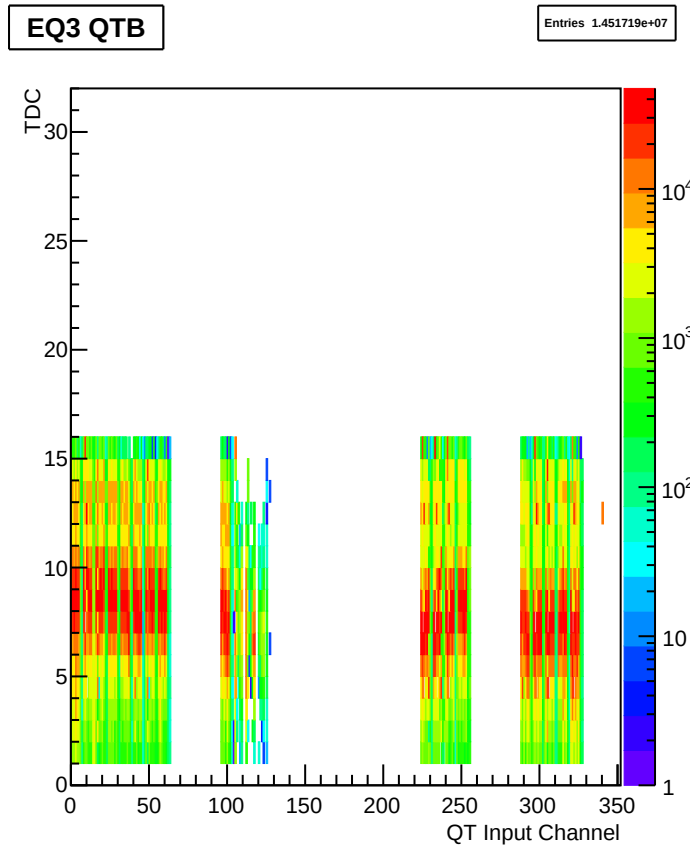

EQ2 QTB
Entries 5.23921e+07
ADC
QT Input Channel

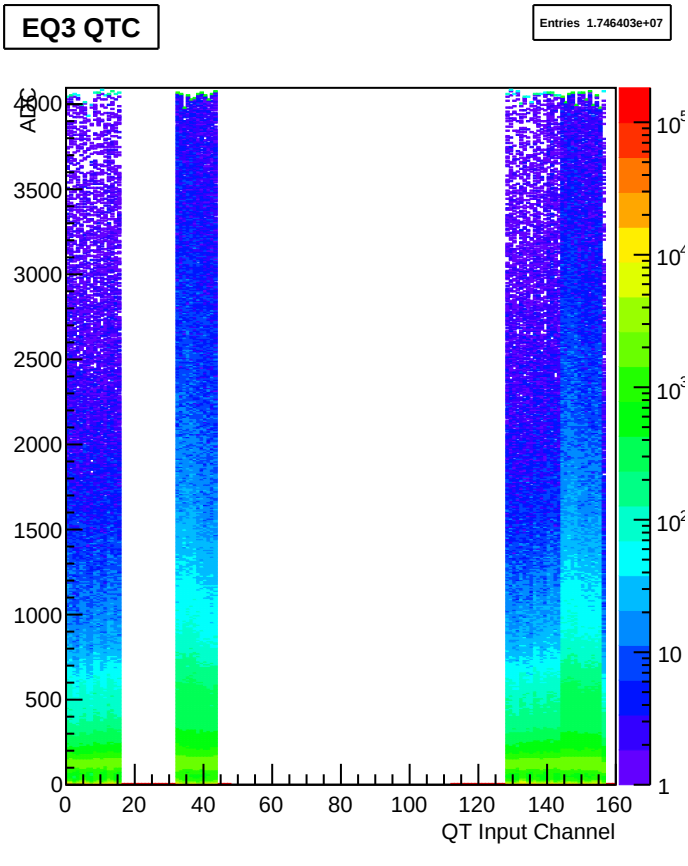

EQ2 QTB
Entries 1.832253e+07
TDC
QT Input Channel

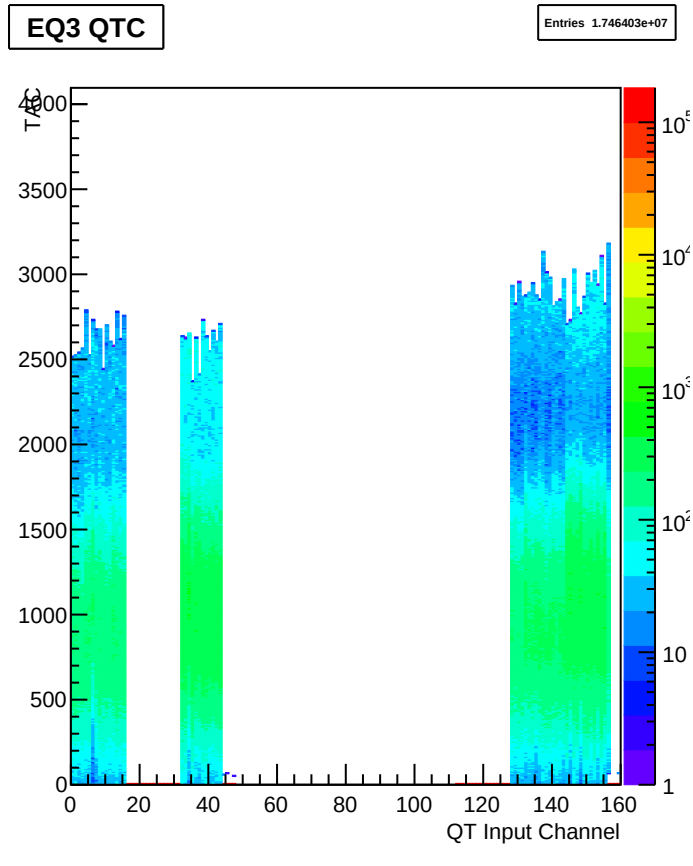

EQ2 QTC
Entries 1.746403e+07
ADC
QT Input Channel

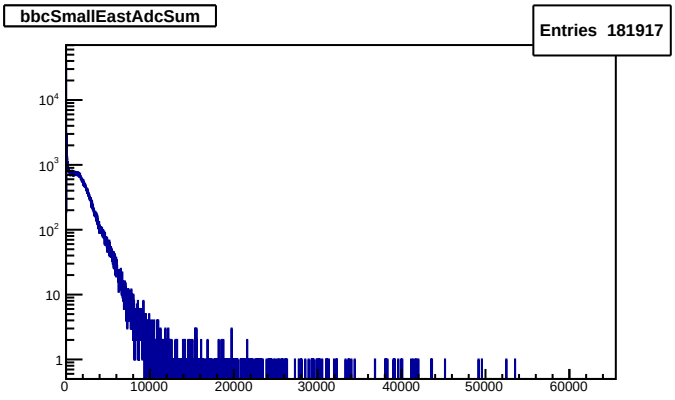

EQ2 QTC
Entries 1.746403e+07
TADC
QT Input Channel

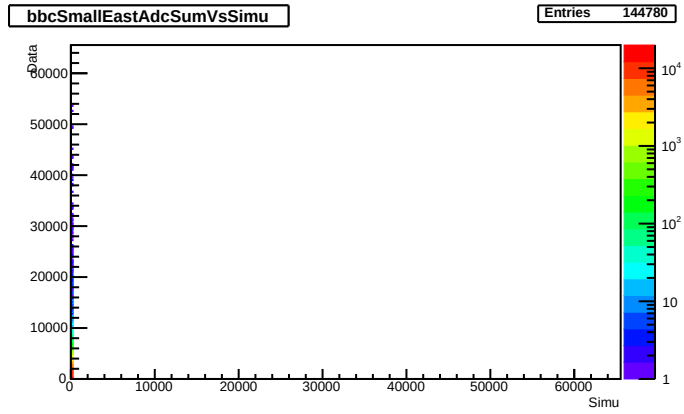

EQ3 QTB
Entries 4.657075e+07
ADC
QT Input Channel

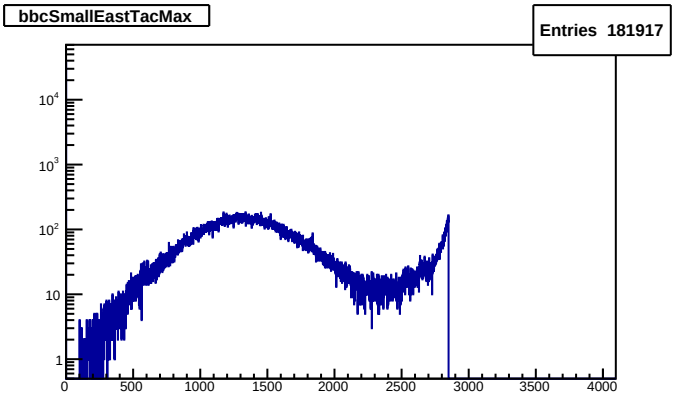

EQ3 QTB
Entries 1.451719e+07
TDC
QT Input Channel

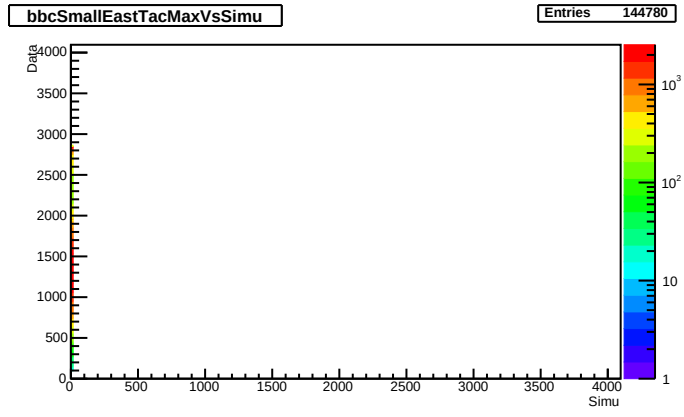

EQ3 QTC
Entries 1.746403e+07
ADC
QT Input Channel

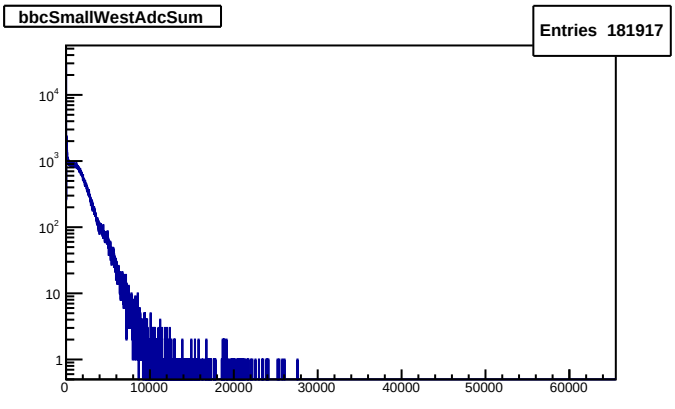

EQ3 QTC
Entries 1.746403e+07
TADC
QT Input Channel

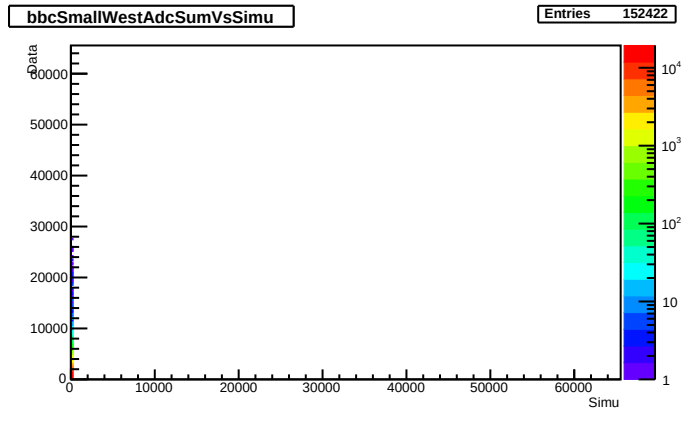

bbcSmallEastAdcSum
Entries 181917

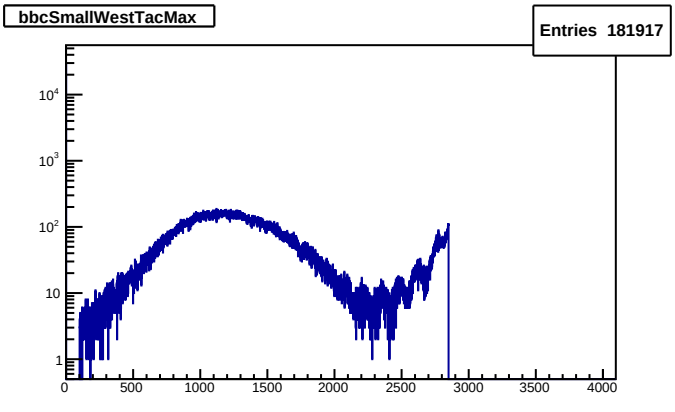

bbcSmallEastAdcSumVsSimu
Entries 144780
Data
Simu

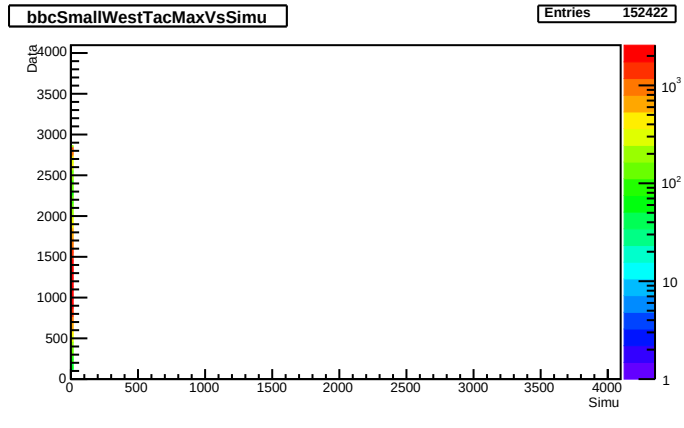

bbcSmallEastTacMax
Entries 181917

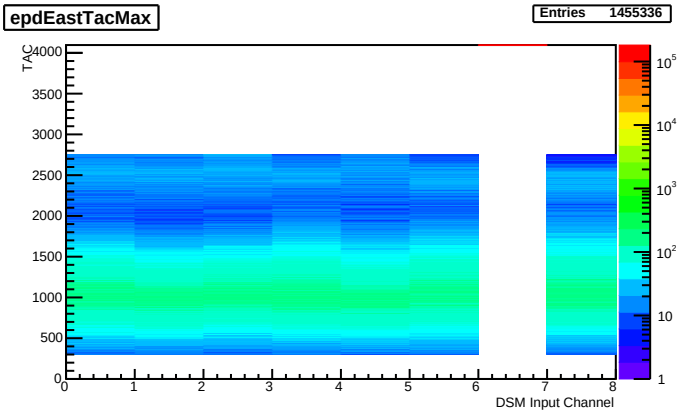

bbcSmallEastTacMaxVsSimu
Entries 144780
Data
Simu

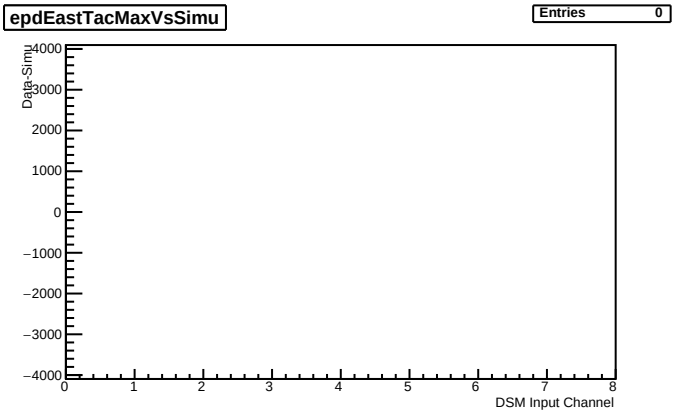

bbcSmallWestAdcSum
Entries 181917

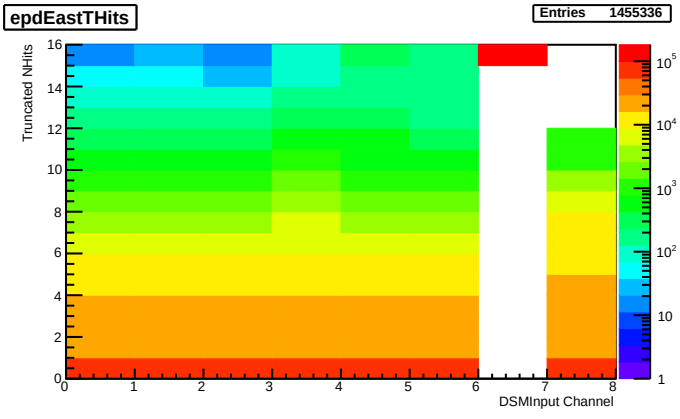

bbcSmallWestAdcSumVsSimu
Entries 152422
Data
Simu

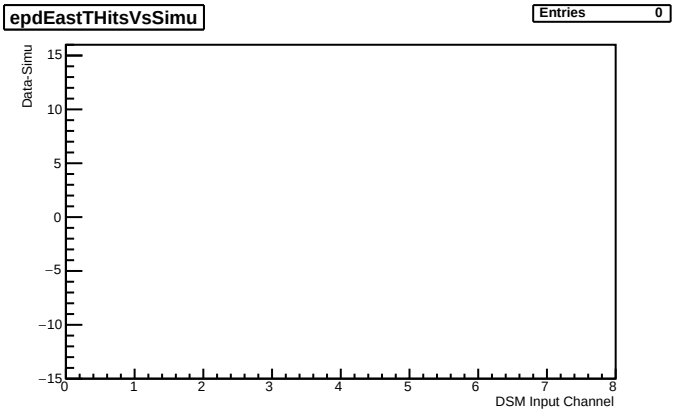

bbcSmallWestTacMax
Entries 181917

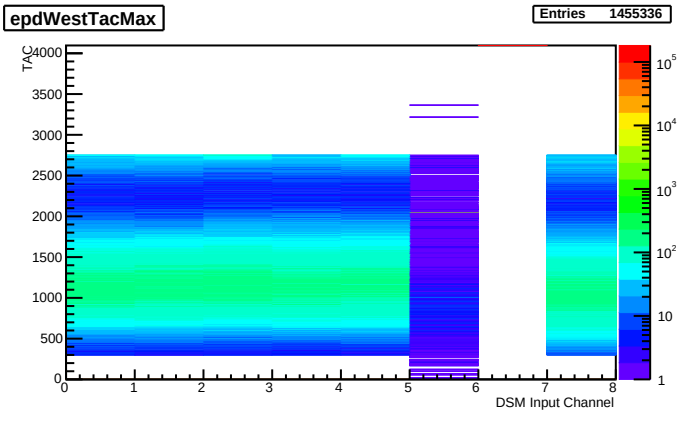

bbcSmallWestTacMaxVsSimu
Entries 152422
Data
Simu

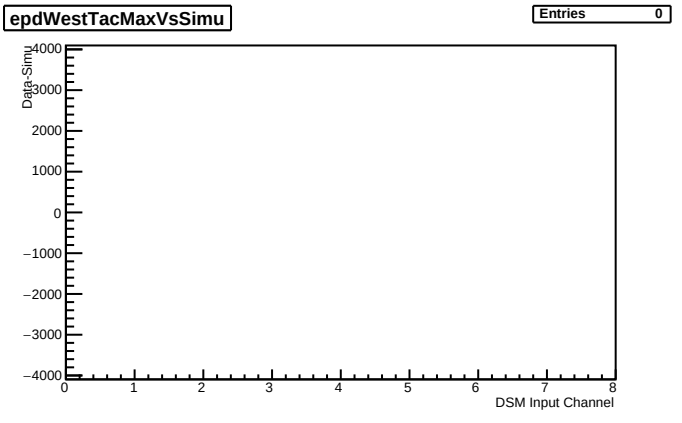

epdEastTacMax
Entries 1455336
TAC
DSM Input Channel

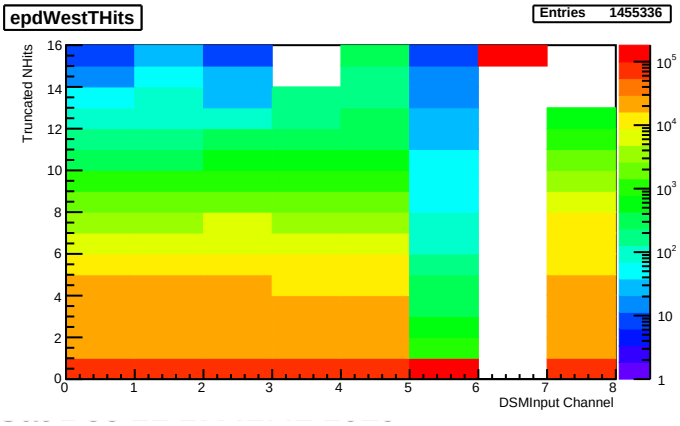

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

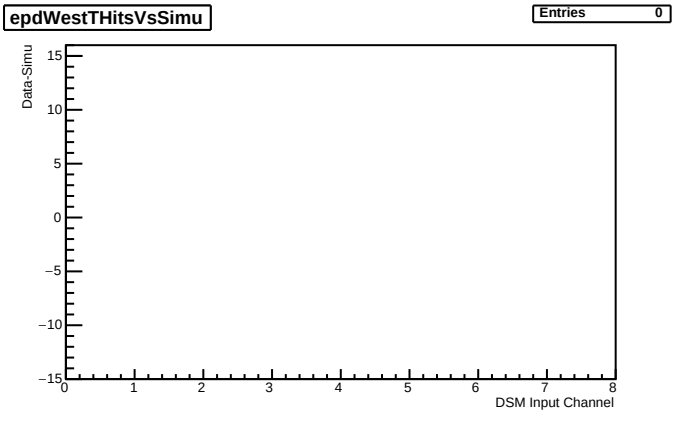

epdEastTHits
Entries 1455336
Truncated NHits
DSMInput Channel

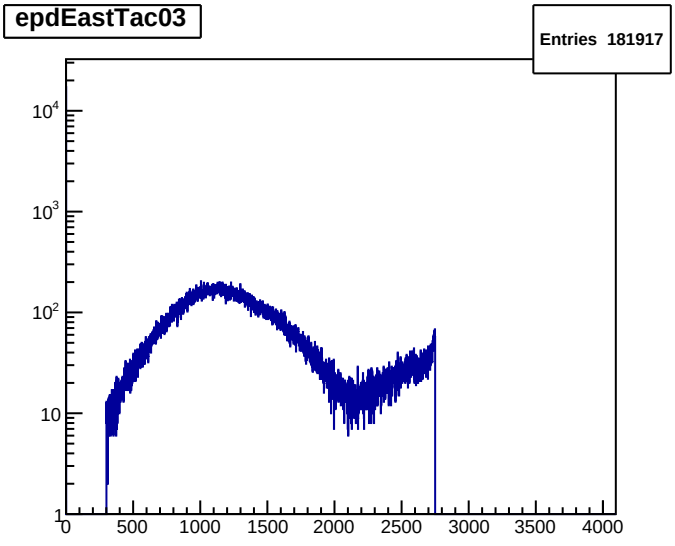

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

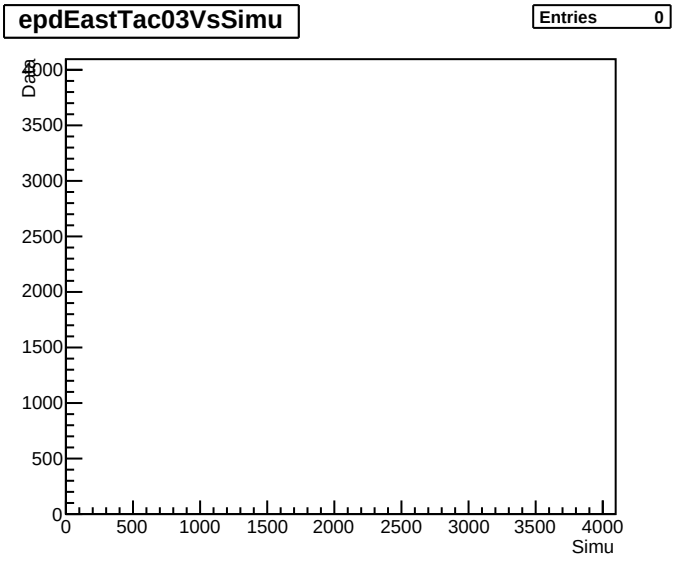

epdWestTacMax
Entries 1455336
TAC
DSM Input Channel

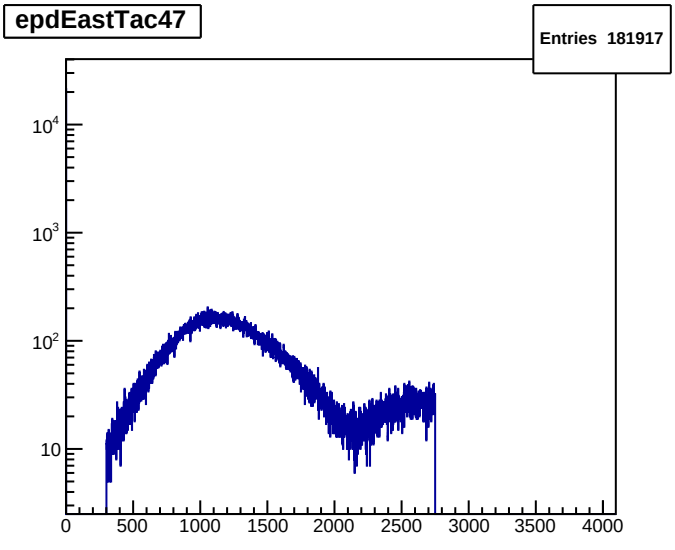

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

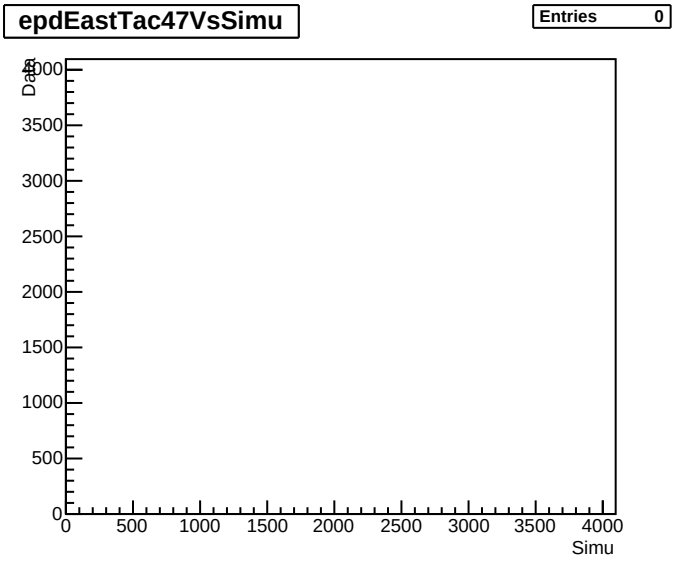

epdWestTHits
Entries 1455336
Truncated NHits
DSMInput Channel

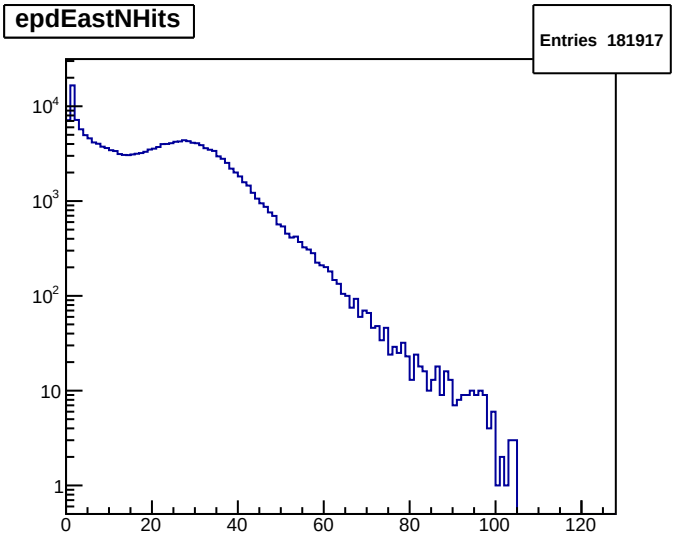

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

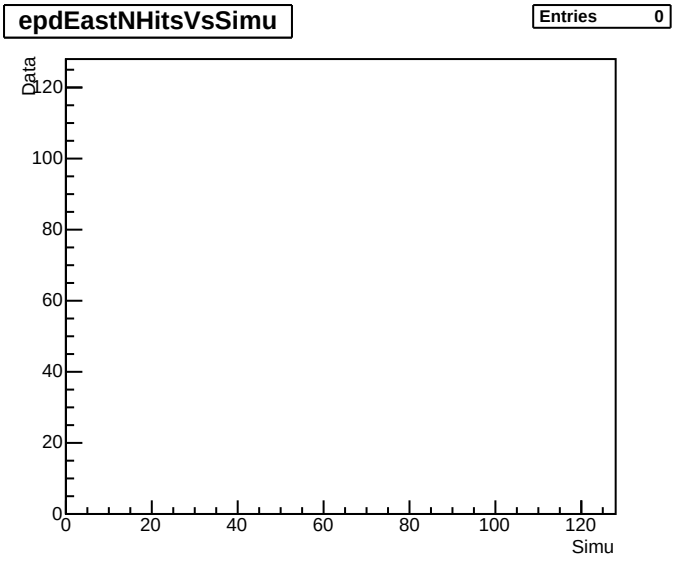

epdEastTac03
Entries 181917


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 181917


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 181917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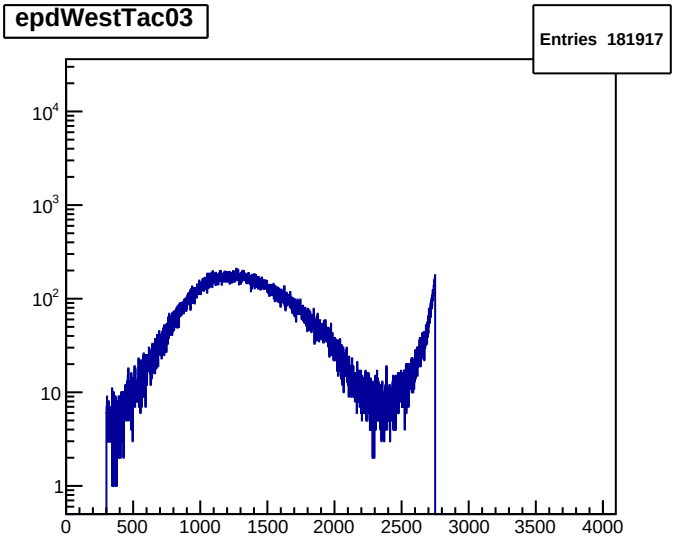
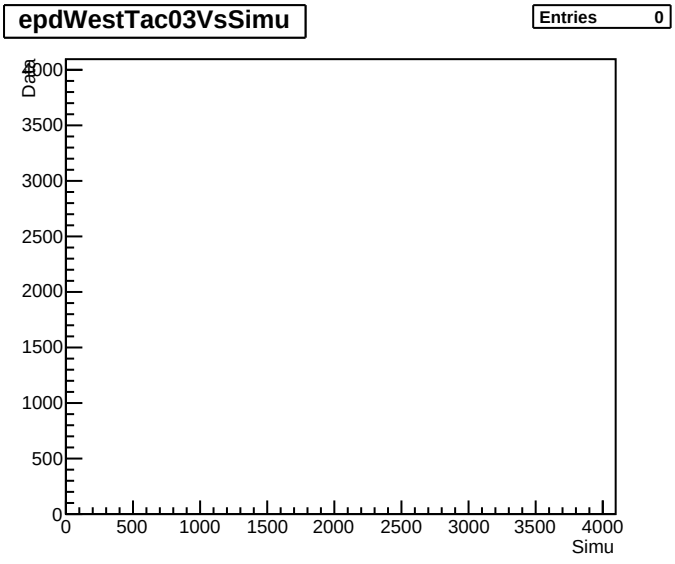
Entries 0
Data
Simu


epdWestTac03
Entries 181917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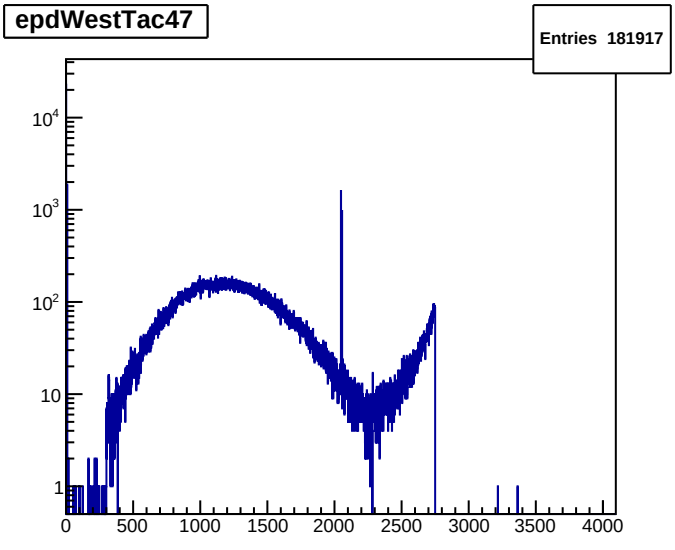
Entries 0
Data
Simu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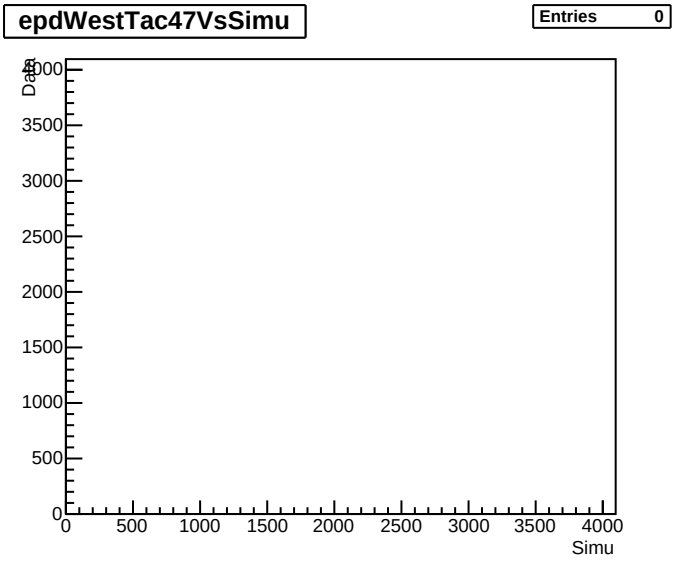
Entries 181917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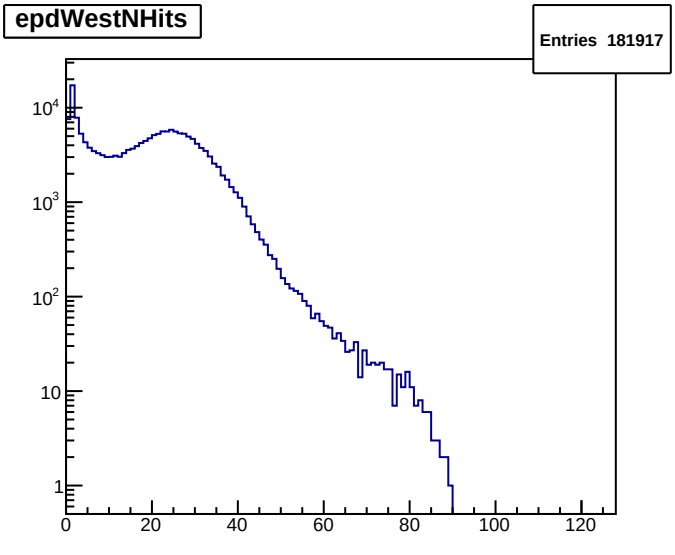
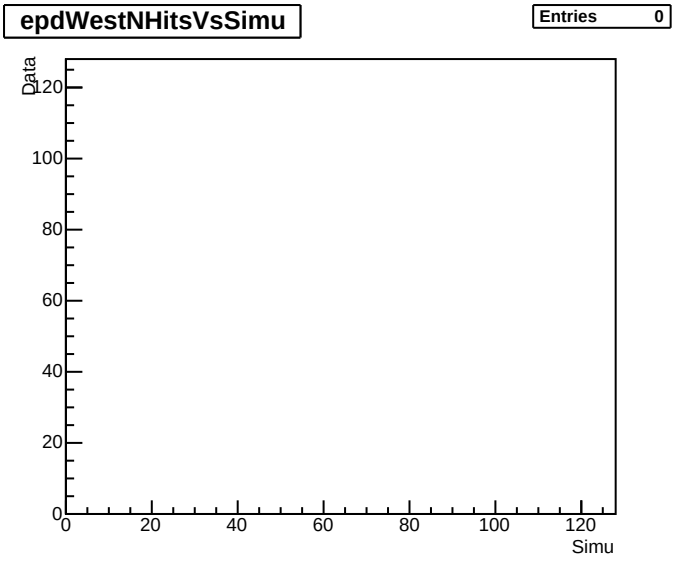
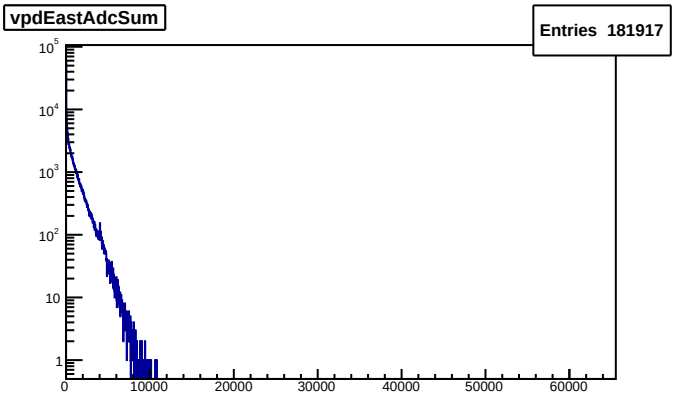
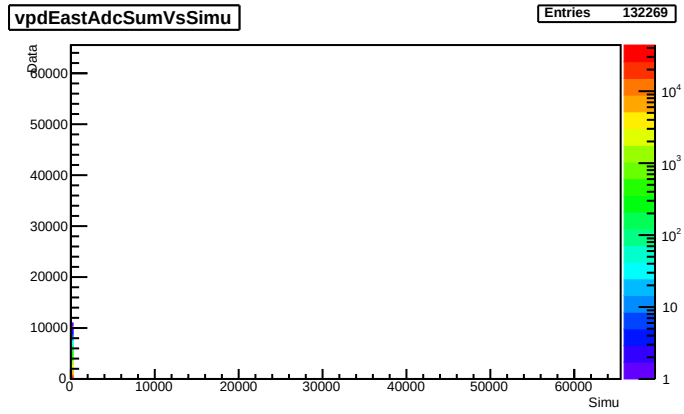
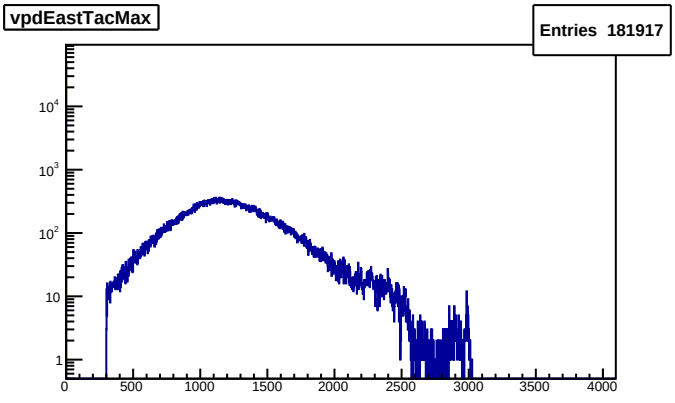
Entries 0
Data
Simu

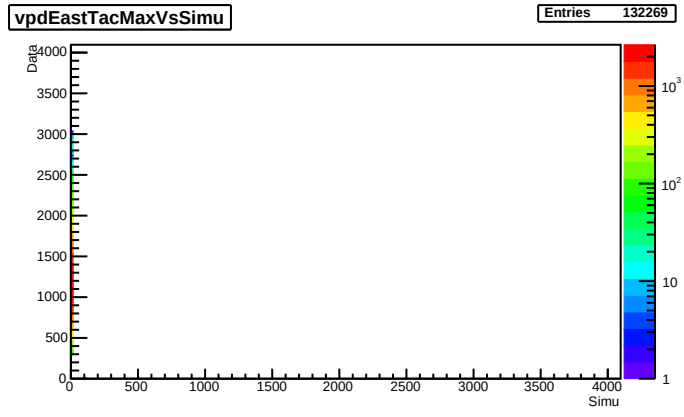

epdWestNHits
Entries 181917

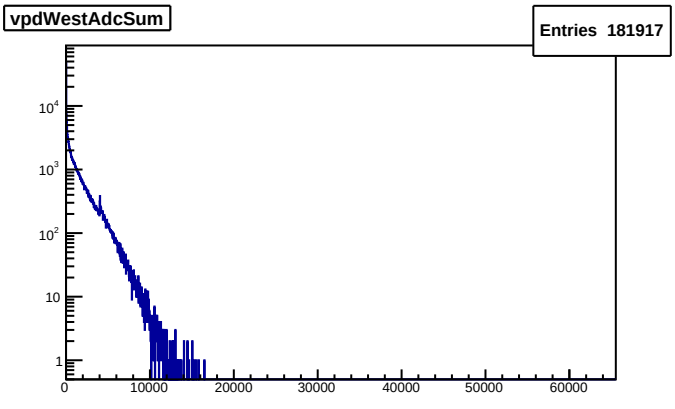

epdWestNHitsVsSimu
Entries 0
Data
Simu

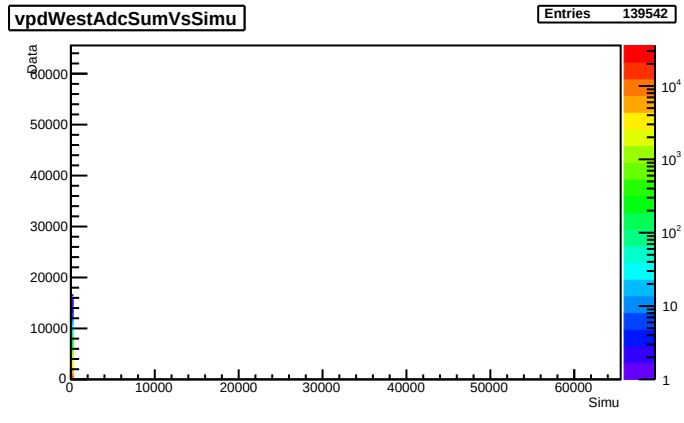

vpdEastAdcSum
Entries 181917

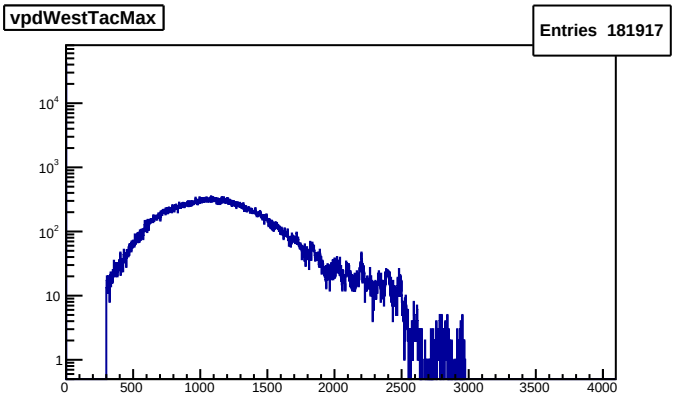

vpdEastAdcSumVsSimu
Entries 132269
Data
Simu

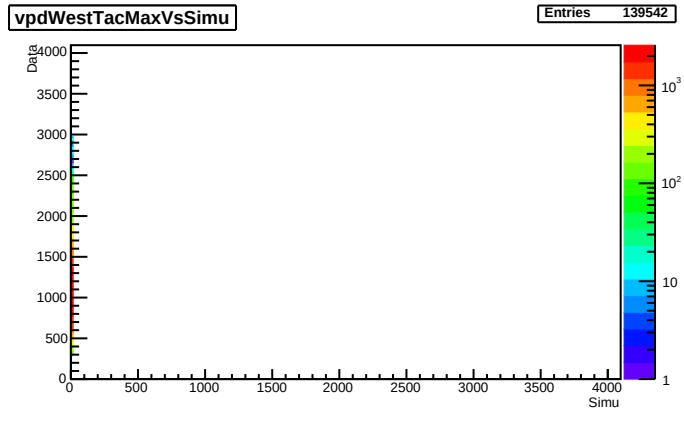

vpdEastTacMax
Entries 181917

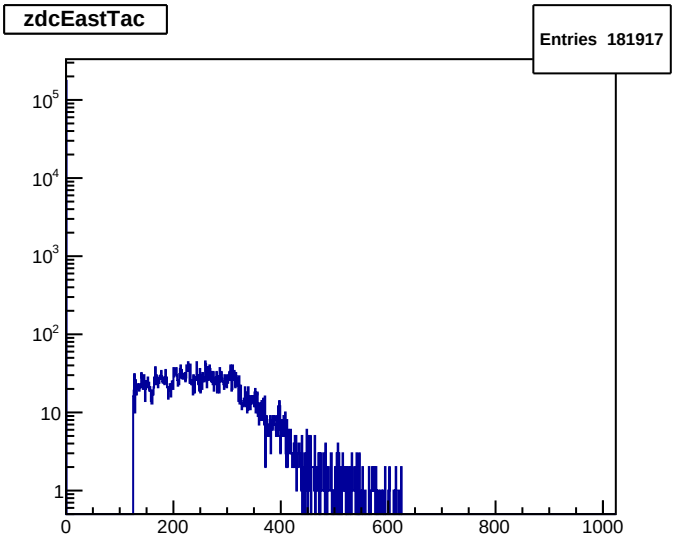

vpdEastTacMaxVsSimu
Entries 132269
Data
Simu

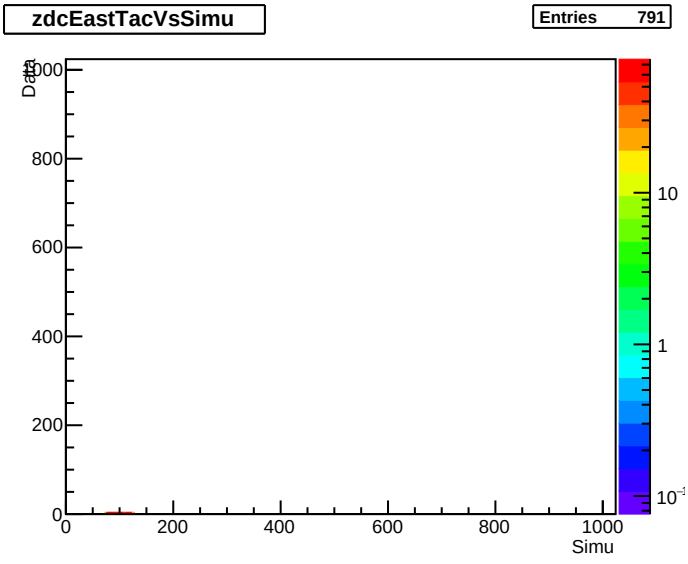

vpdWestAdcSum
Entries 181917

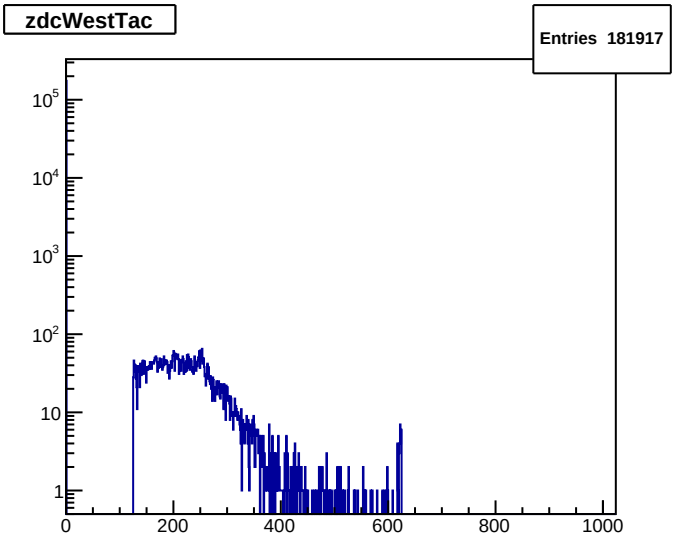

vpdWestAdcSumVsSimu
Entries 139542
Data
Simu

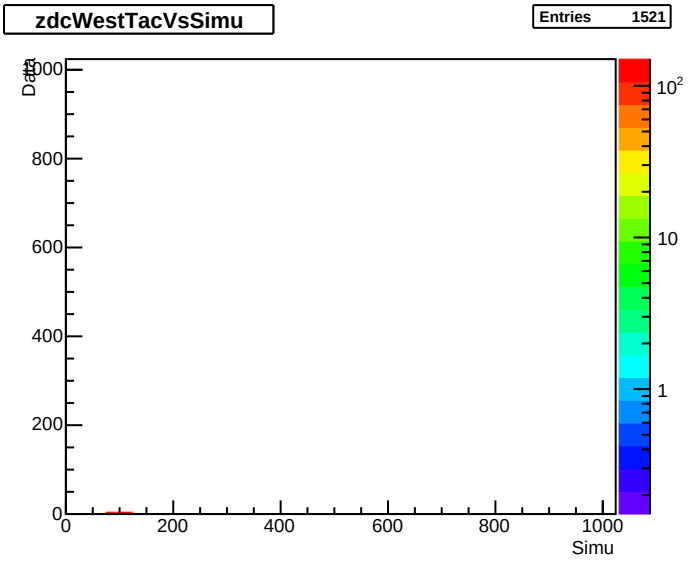

vpdWestTacMax
Entries 181917

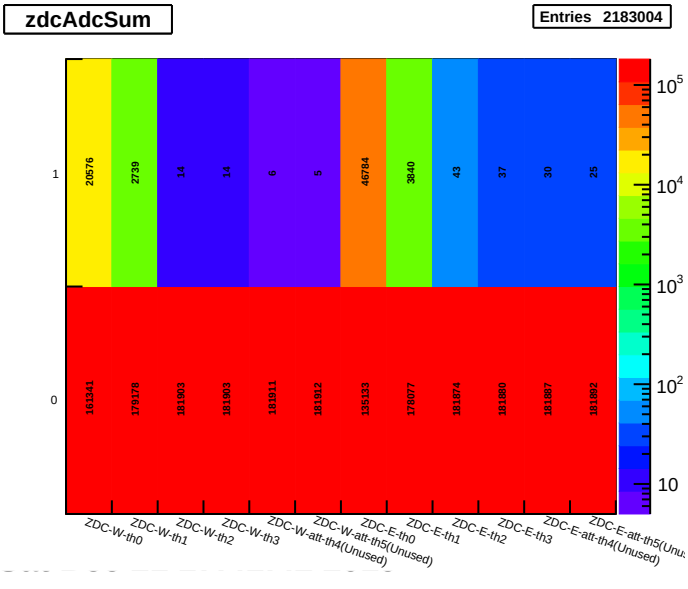

vpdWestTacMaxVsSimu
Entries 139542
Data
Simu

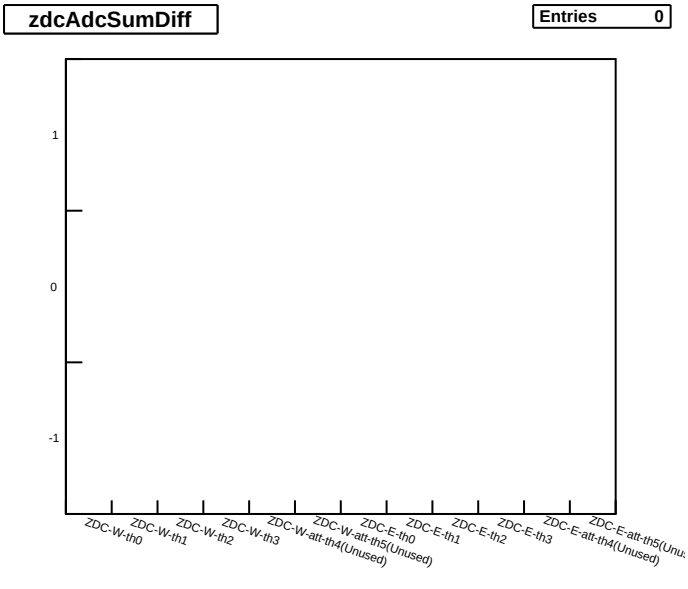

zdcEastTac
Entries 181917

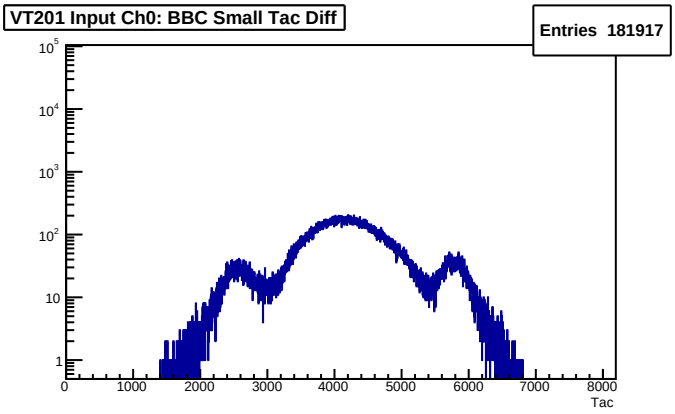

zdcEastTacVsSimu
Entries 791
Data
Simu

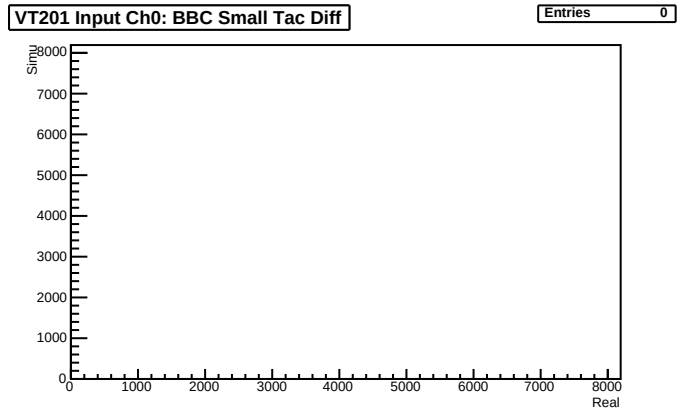

zdcWestTac
Entries 181917

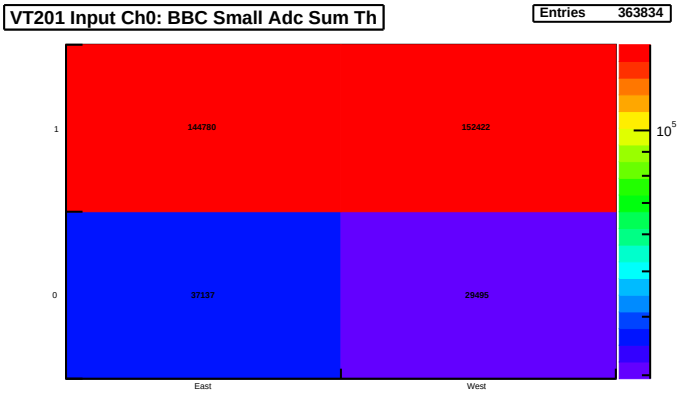

zdcWestTacVsSimu
Entries 1521
Data
Simu

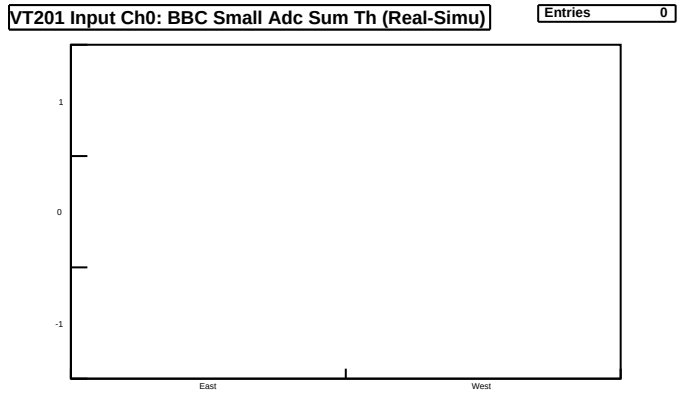

zdcAdcSum
Entries 2183004
20576
2739
14
14
6
5
46784
3840
43
37
30
25
161341
179178
181903
181903
181911
181912
135133
178077
181874
181880
181887
181892
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

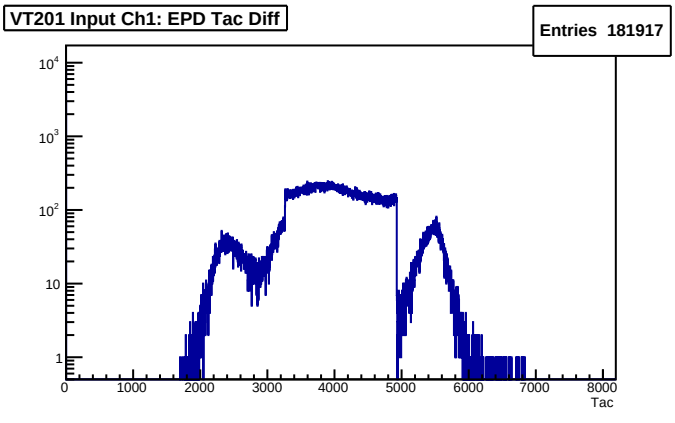

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

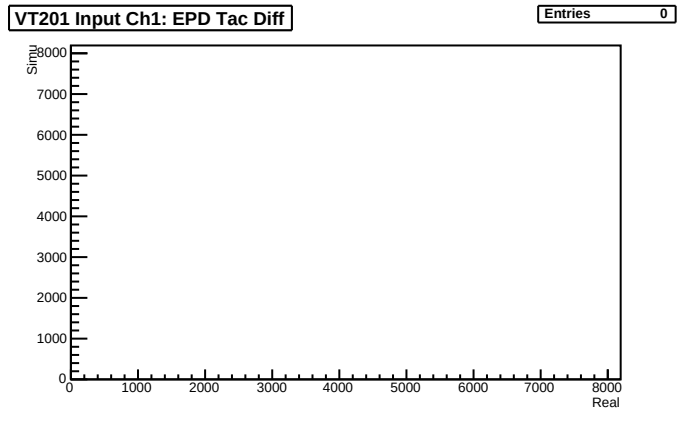

VT201 Input Ch0: BBC Small Tac Diff
Entries 181917
Tac

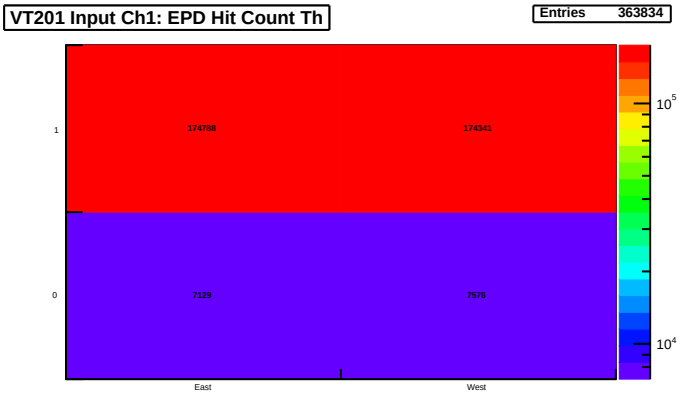

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

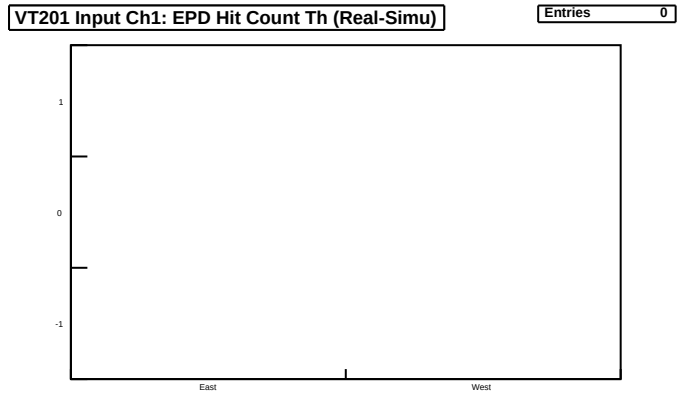

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 363834
144780
152422
37137
29495
East
West

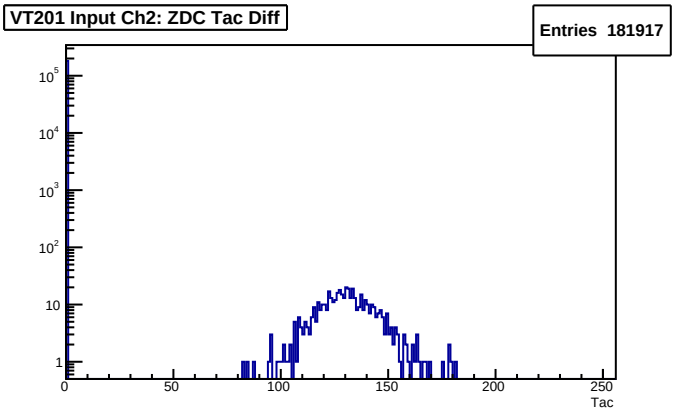

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

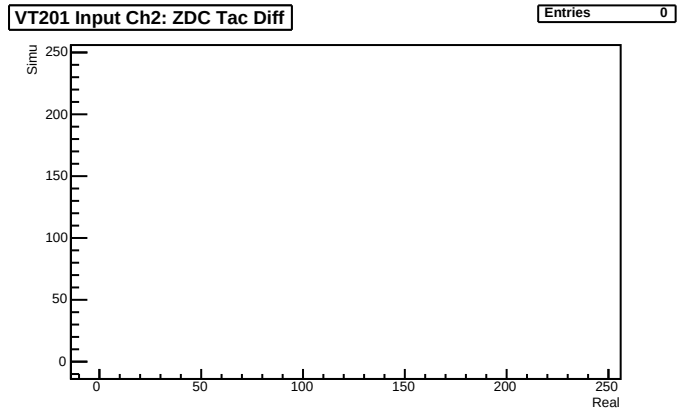

VT201 Input Ch1: EPD Tac Diff
Entries 181917
Tac

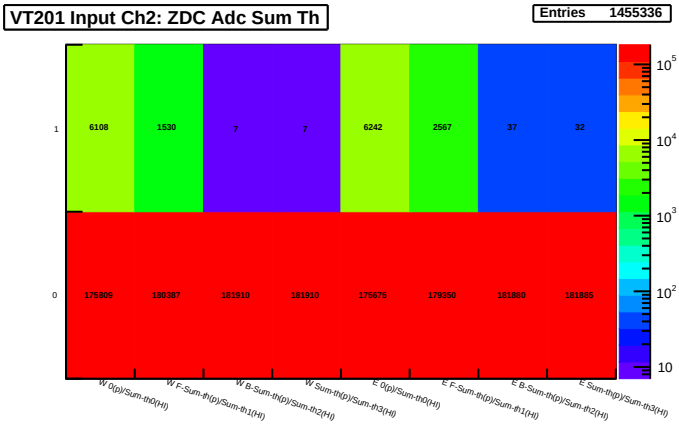

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

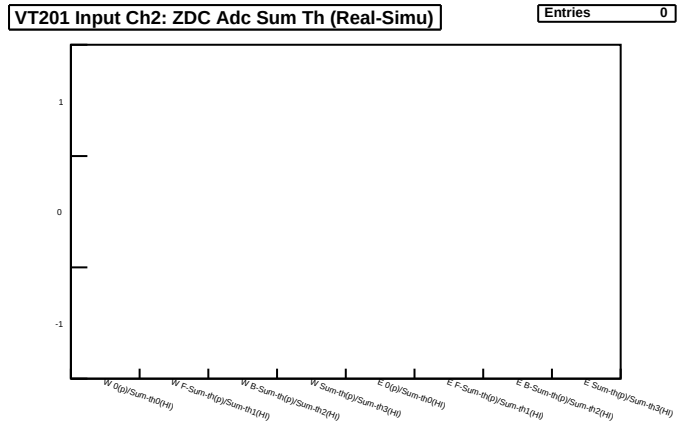

VT201 Input Ch1: EPD Hit Count Th
Entries 363834
174788
174341
7129
7576
East
West

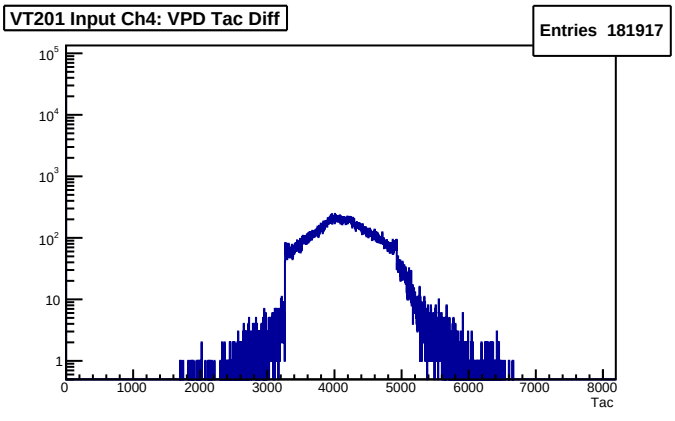

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

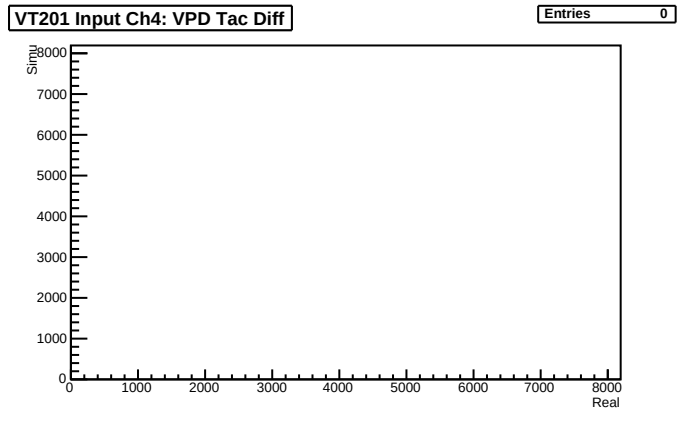

VT201 Input Ch2: ZDC Tac Diff
Entries 181917
Tac

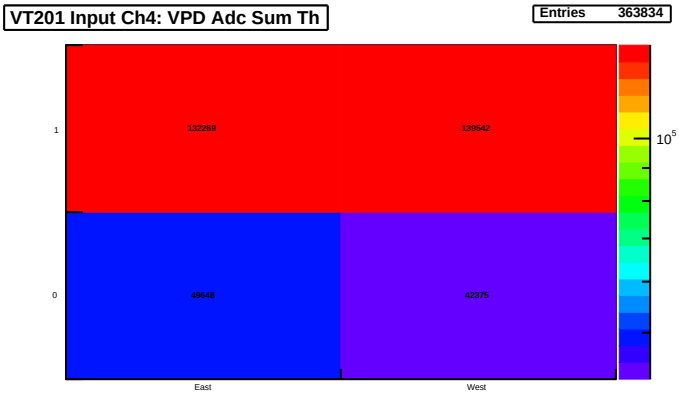

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

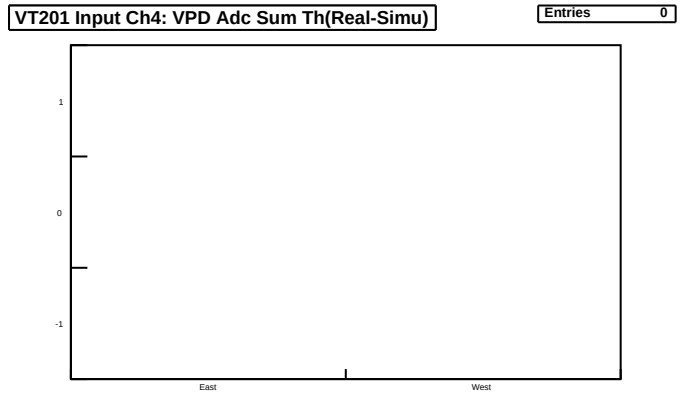

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1455336
6108
1530
7
7
6242
2567
37
32
175809
180387
181910
181910
175675
179350
181880
181885
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

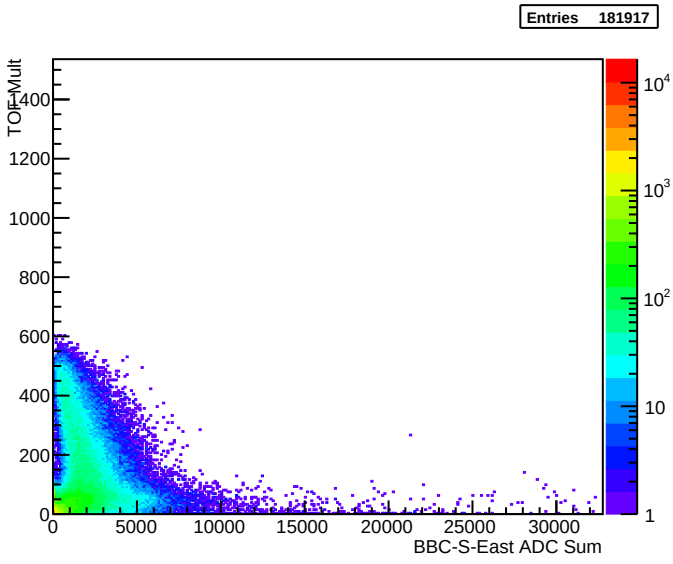

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

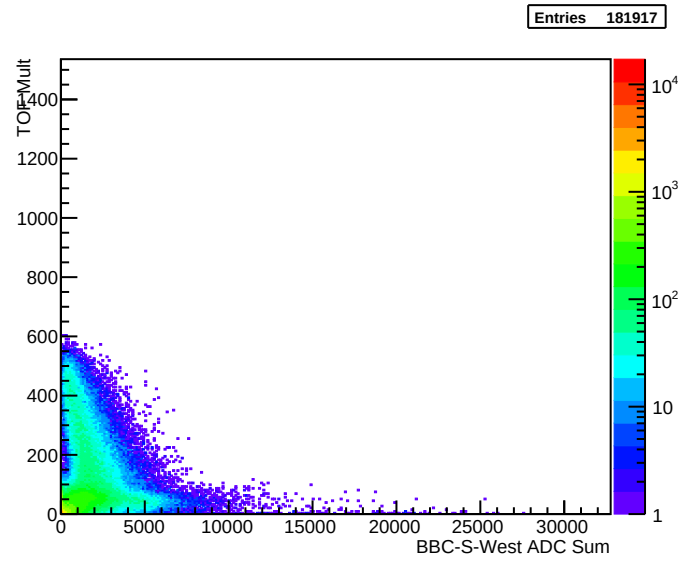

VT201 Input Ch4: VPD Tac Diff
Entries 181917
Tac

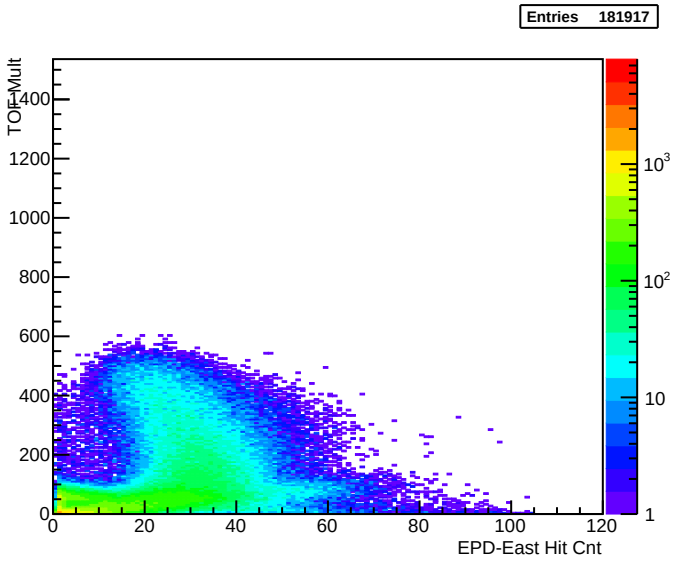

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

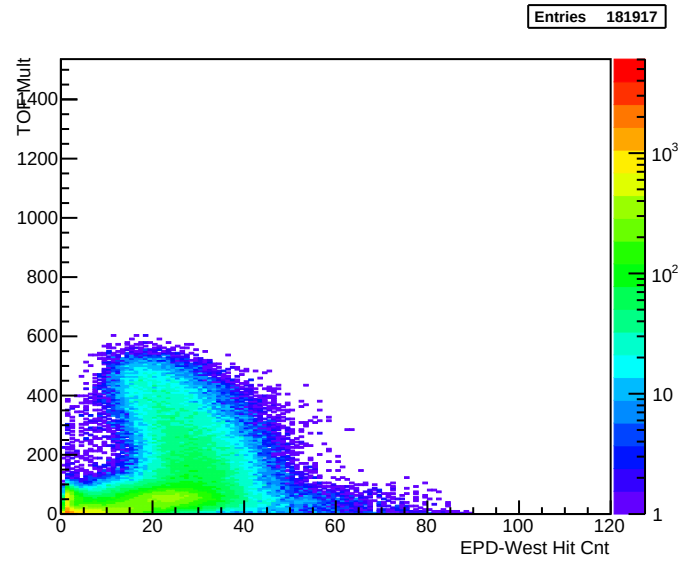

VT201 Input Ch4: VPD Adc Sum Th
Entries 363834
132269
139542
49648
42375
East
West

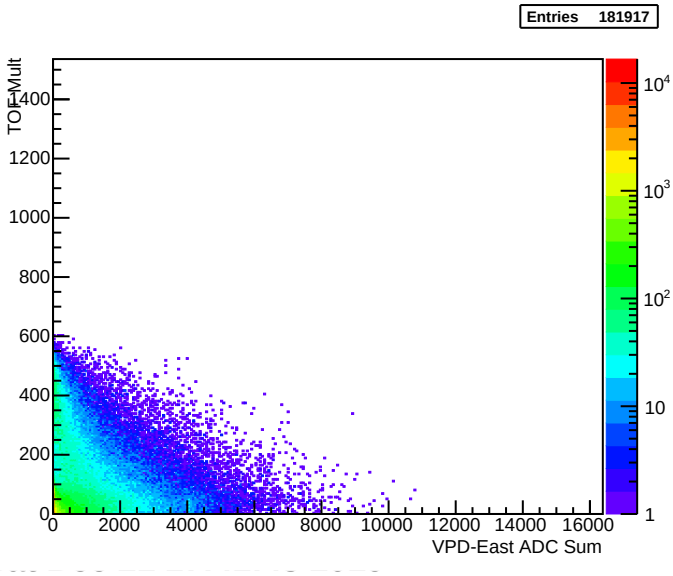

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

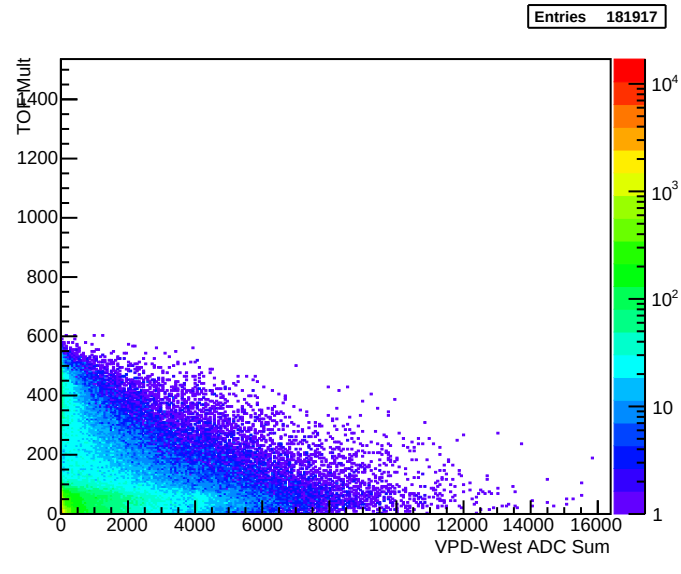

Entries 181917
TOF-Mult
BBC-S-East ADC Sum

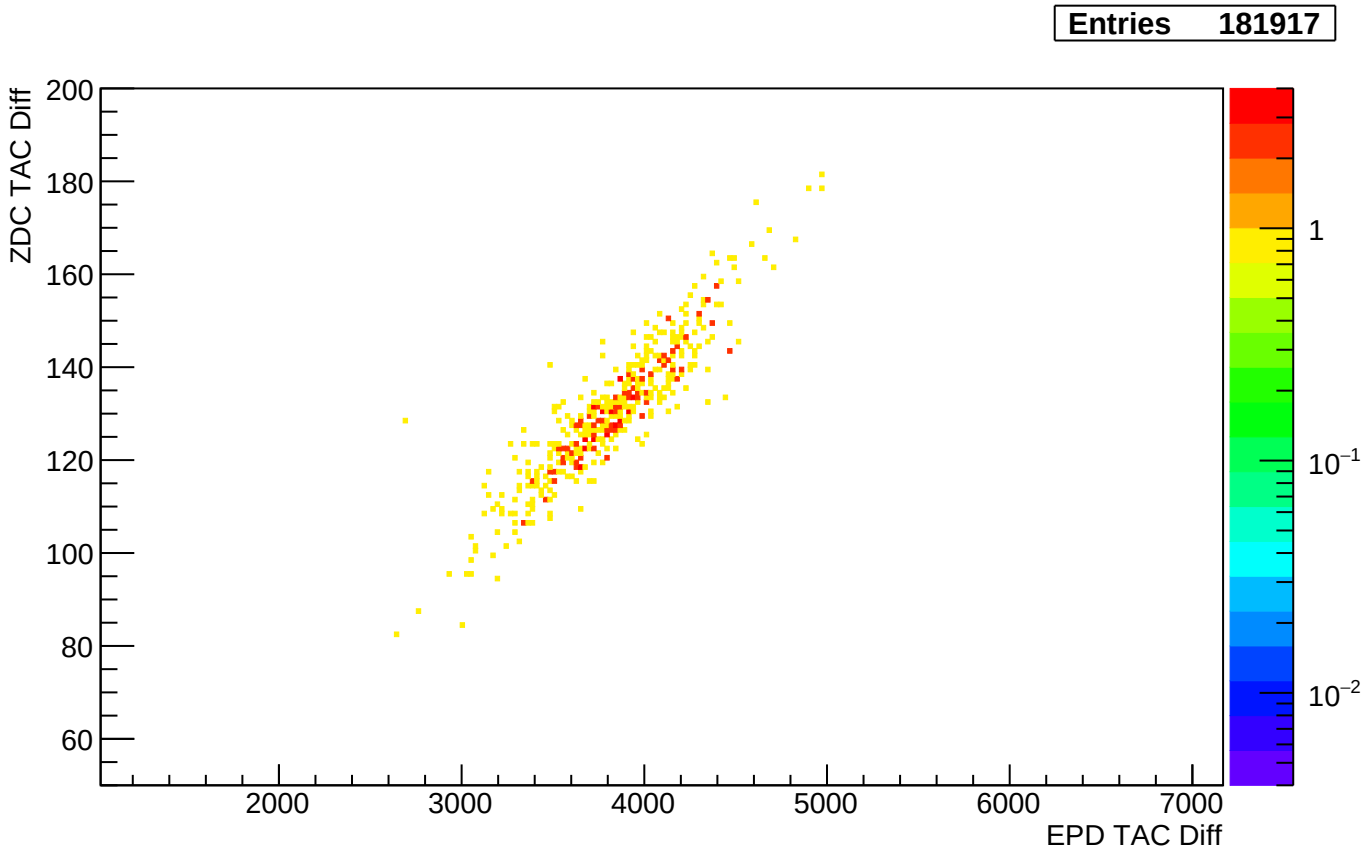

Entries 181917
TOF-Mult
BBC-S-West ADC Sum

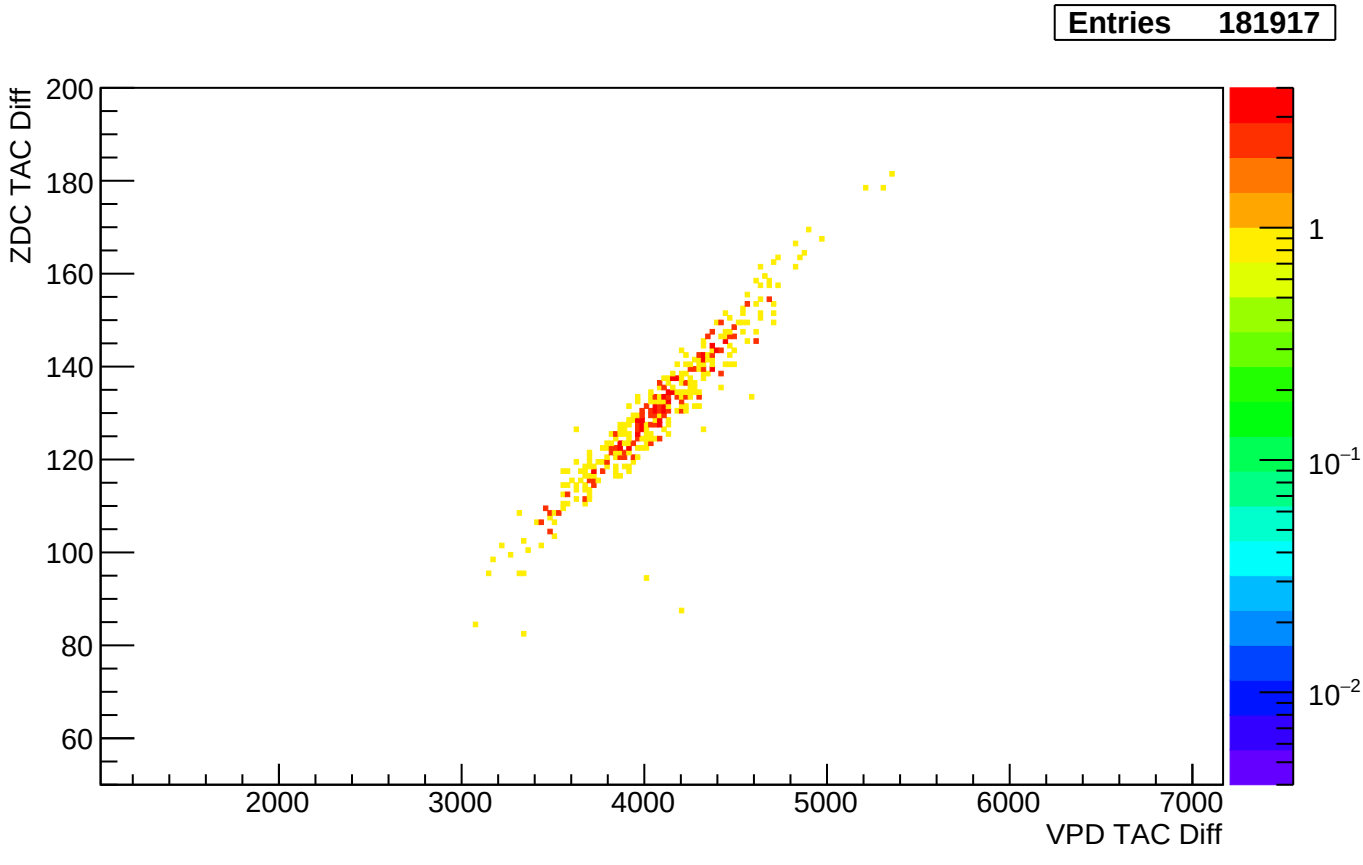

Entries 181917
TOF-Mult
EPD-East Hit Cnt

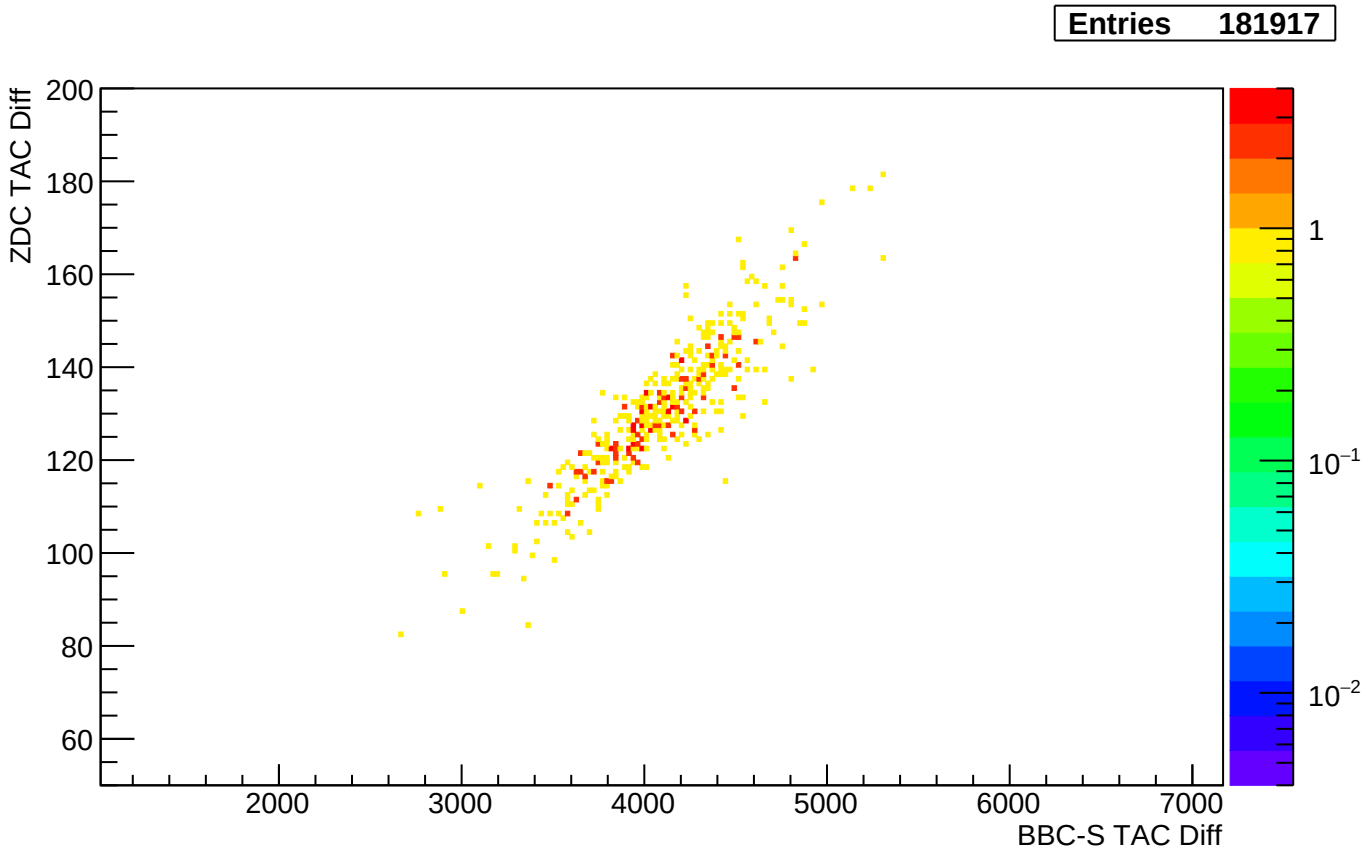

Entries 181917
TOF-Mult
EPD-West Hit Cnt

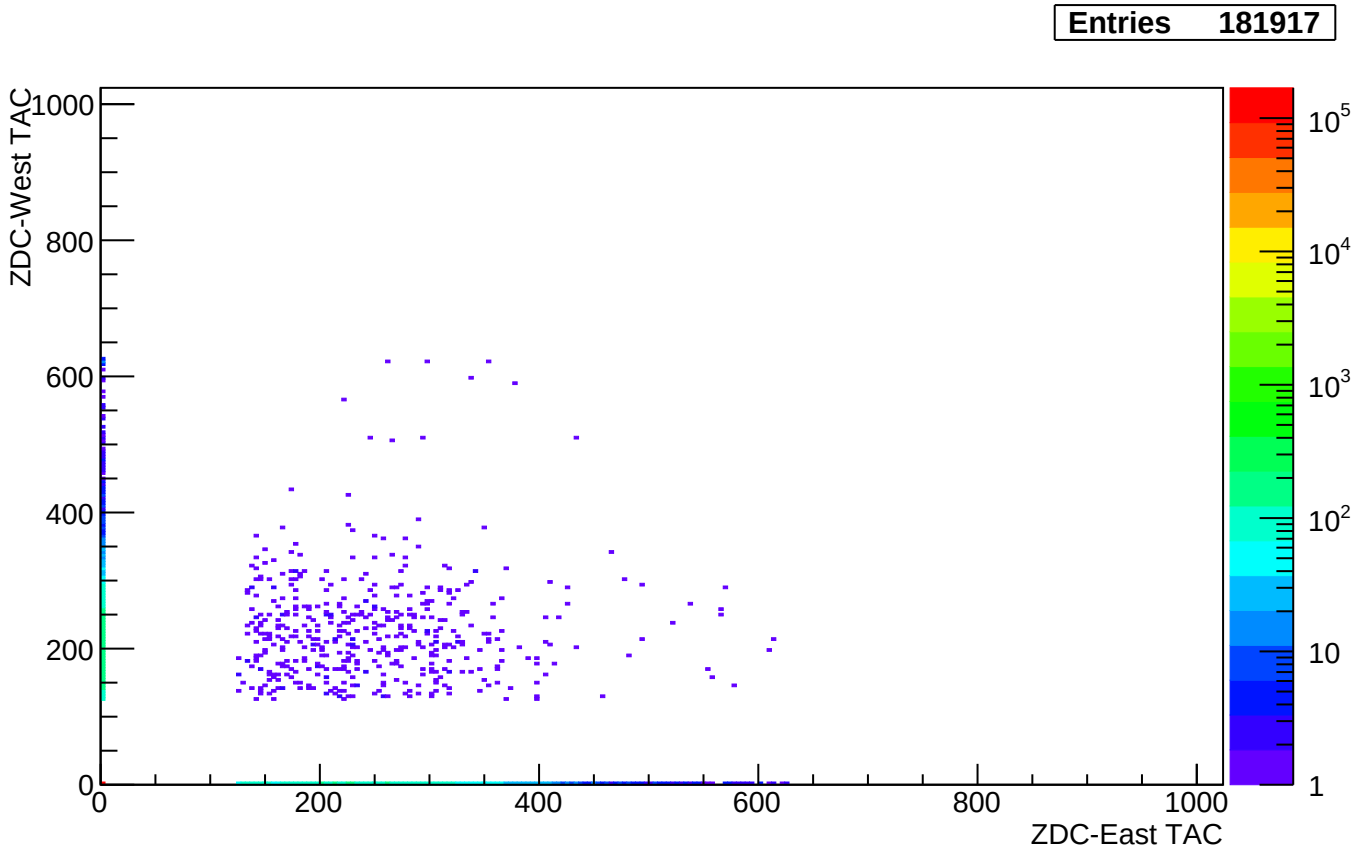

Entries 181917
TOF-Mult
VPD-East ADC Sum

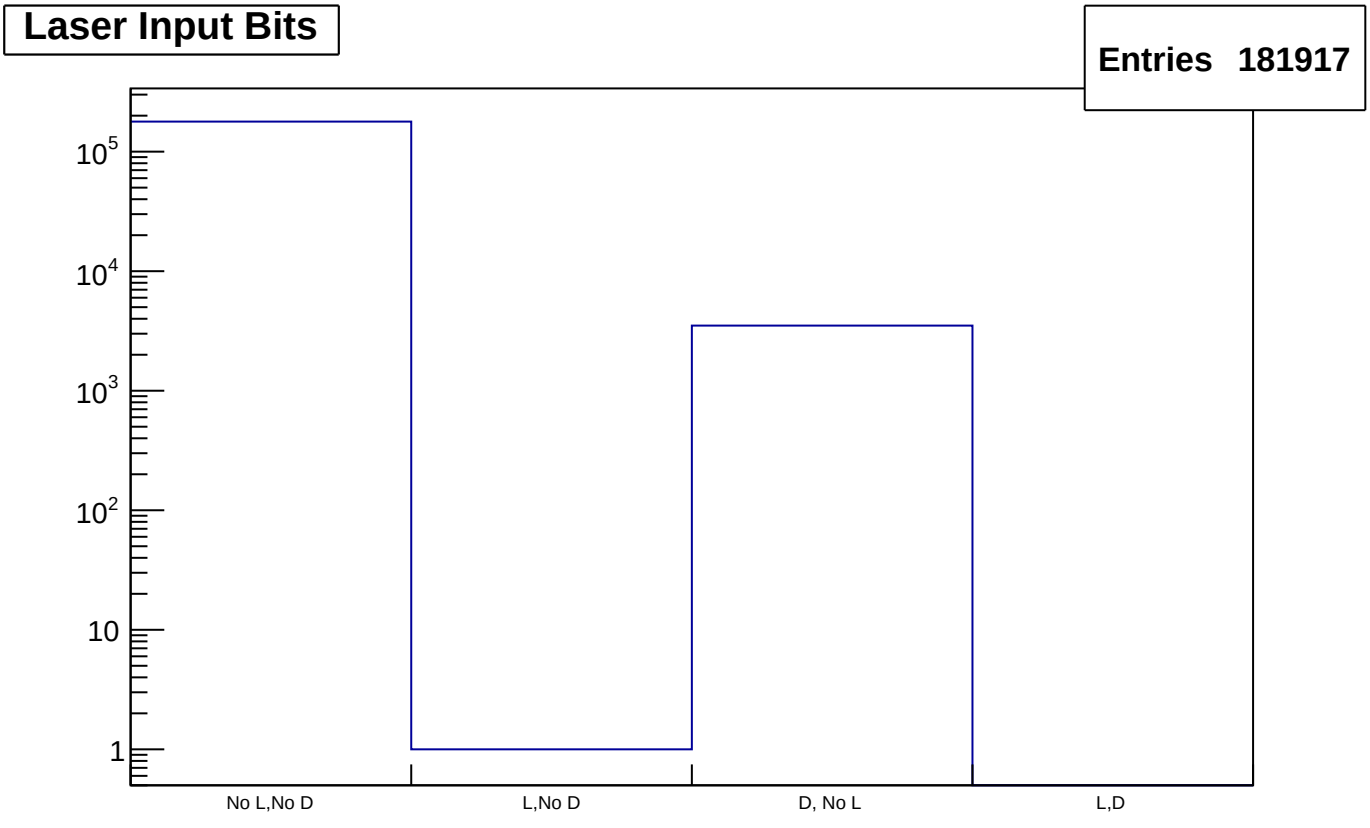

Entries 181917
TOF-Mult
VPD-West ADC Sum

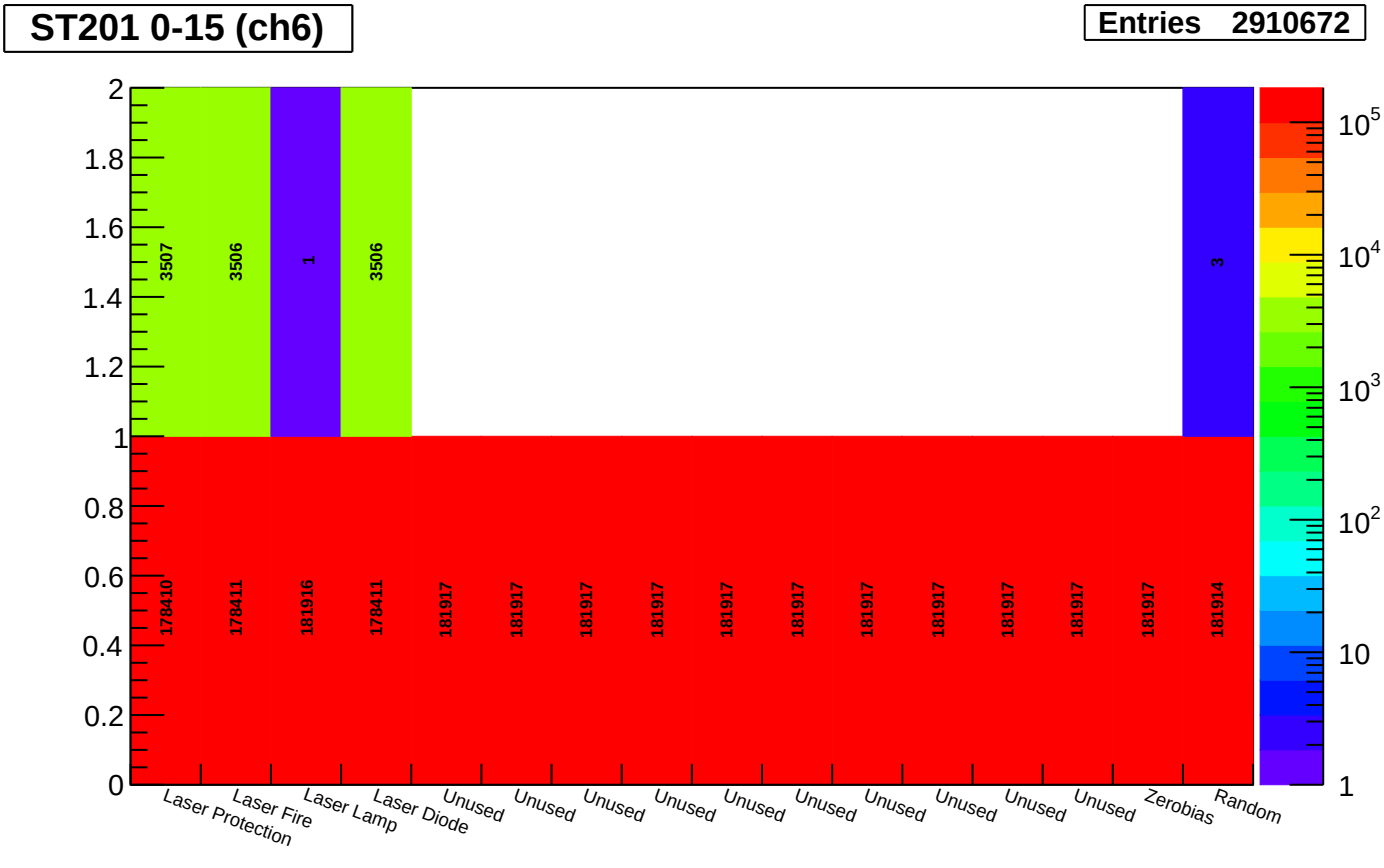

Entries 181917
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

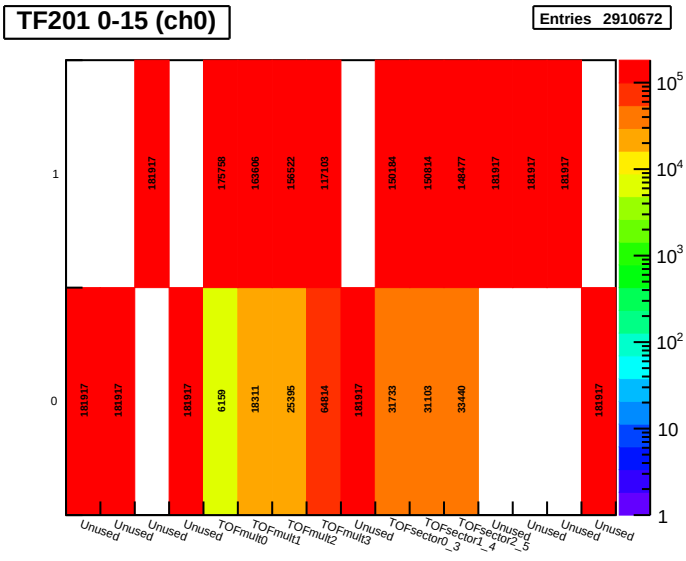

Entries 181917
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

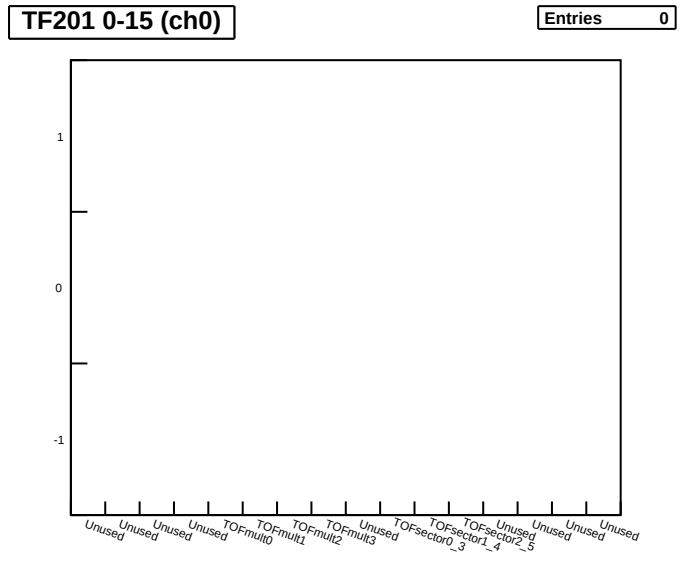

Entries 181917
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

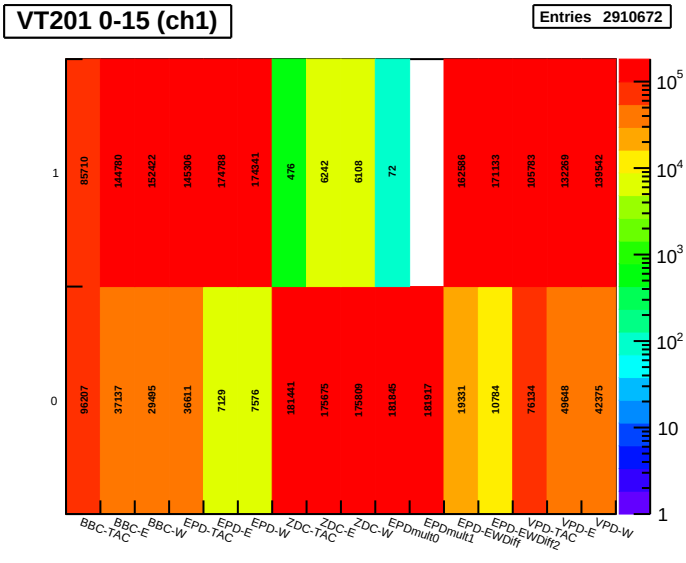

Entries 181917
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

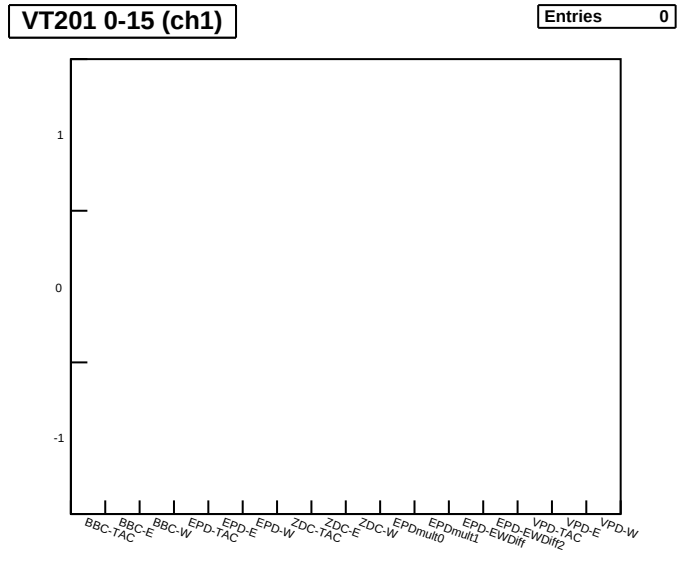

Laser Input Bits
Entries 181917
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

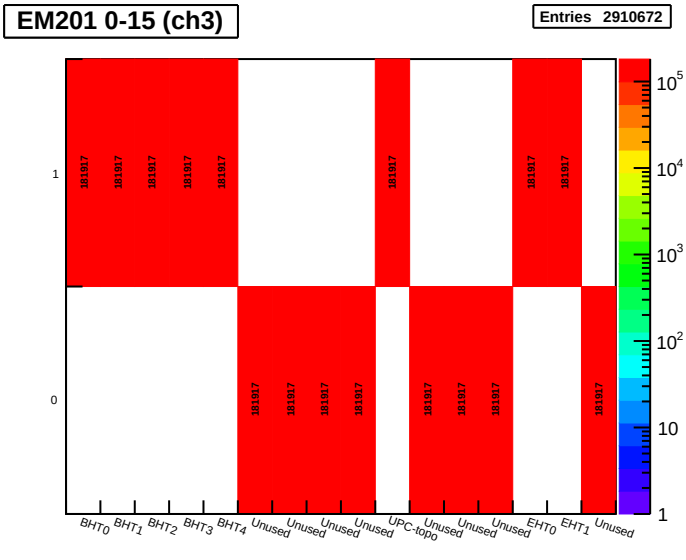

ST201 0-15 (ch6)
Entries 2910672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3507
3506
1
3506
3
178410
178411
181916
178411
181917
181917
181917
181917
181917
181917
181917
181917
181917
181917
181914
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 2910672
1
0
181917
181917
181917
181917
181917