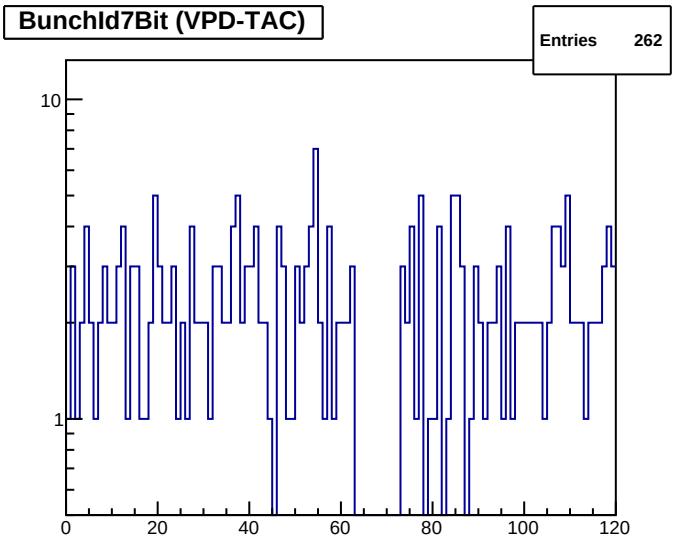
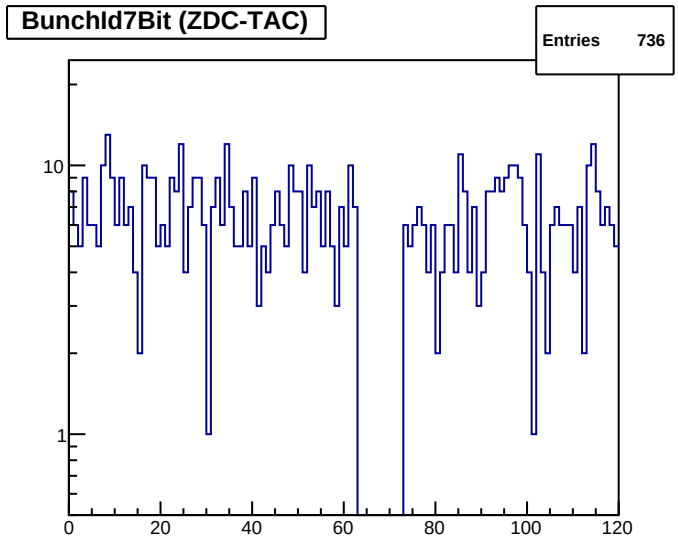
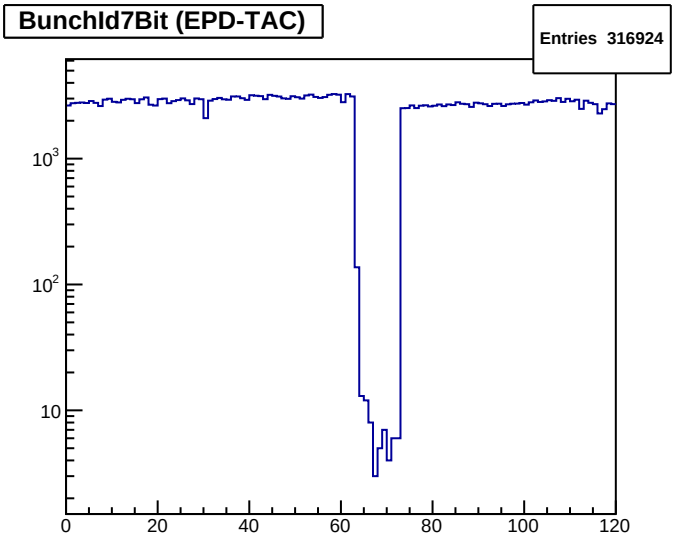
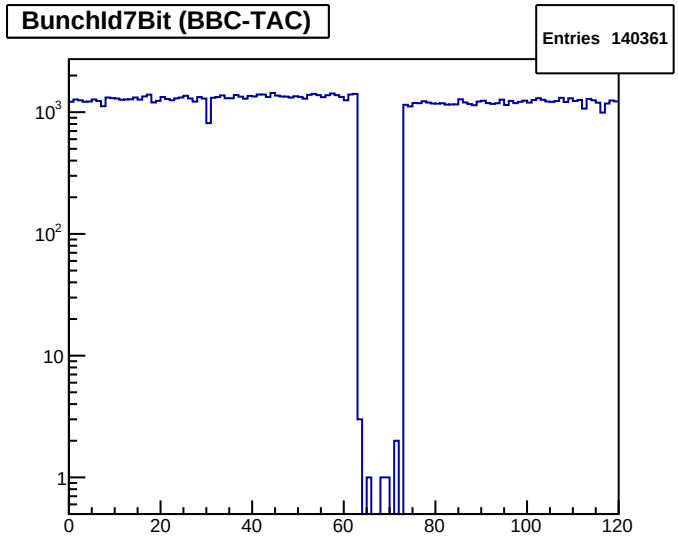
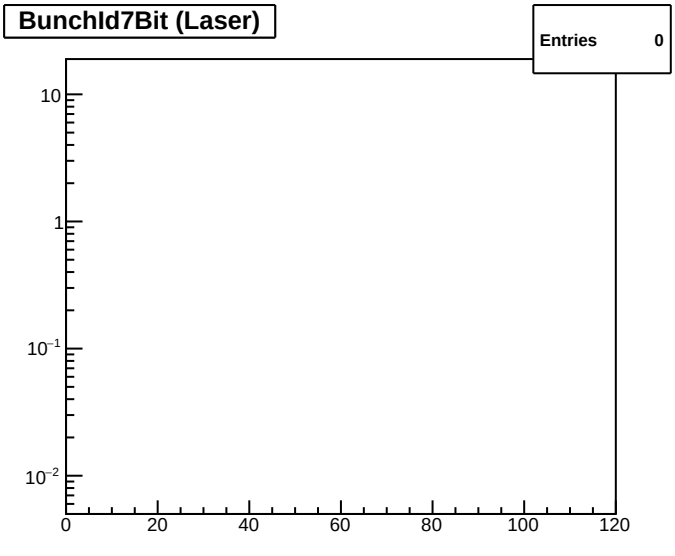
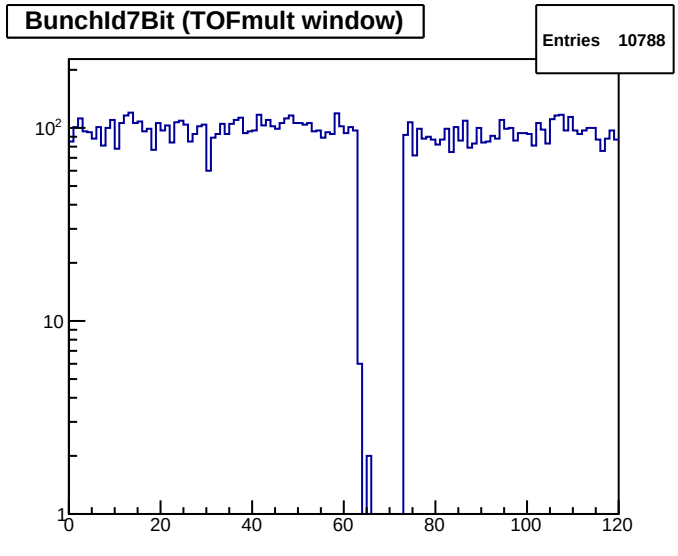

BunchId7Bit (VPD-TAC)
Entries 262

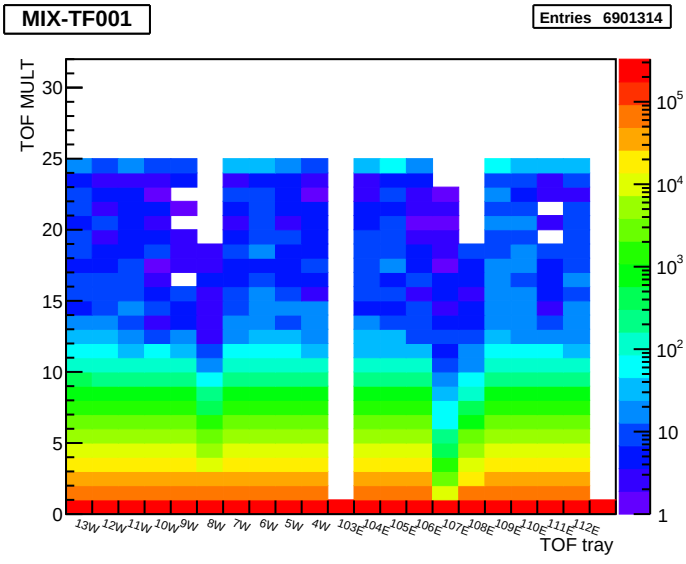

BunchId7Bit (ZDC-TAC)
Entries 736

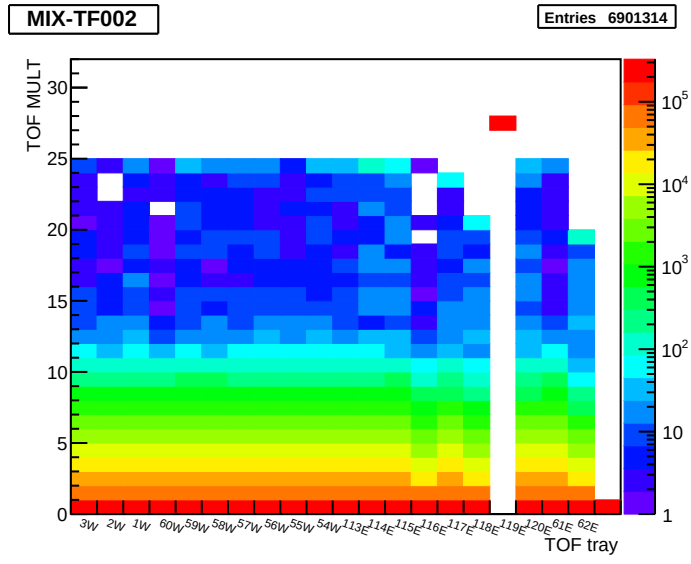

BunchId7Bit (EPD-TAC)
Entries 316924

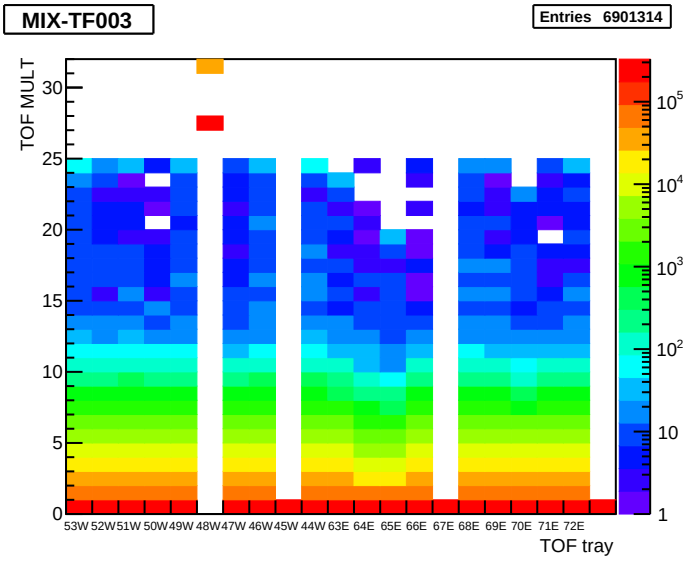

BunchId7Bit (BBC-TAC)
Entries 140361

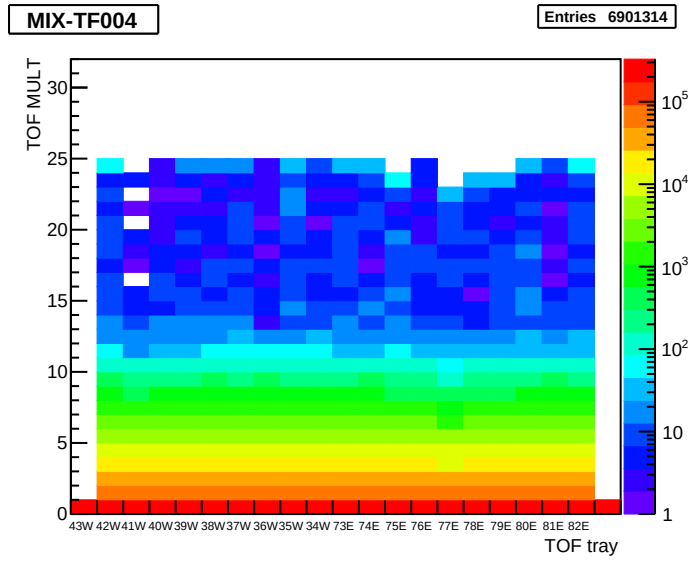

BunchId7Bit (Laser)
Entries 0

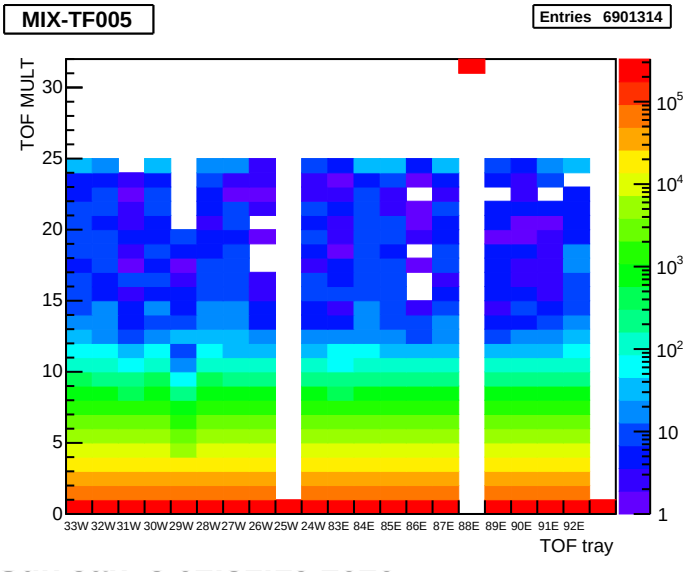

BunchId7Bit (TOFmult window)
Entries 10788

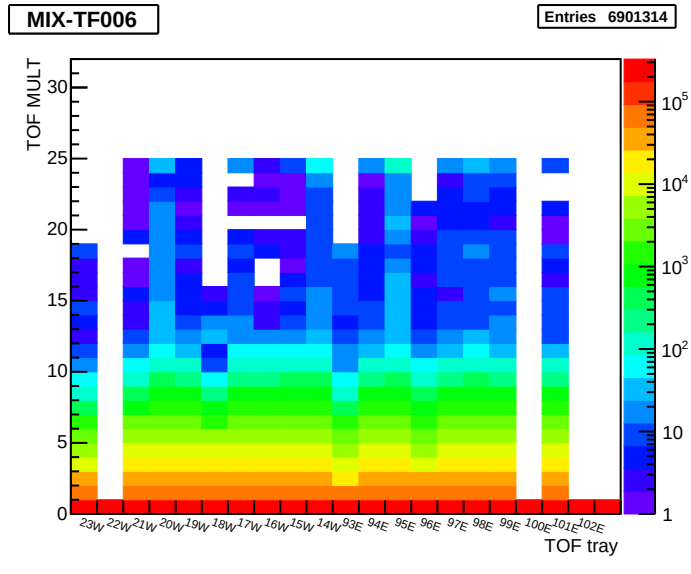

MIX-TF001
Entries 6901314
TOF MULT
TOF tray

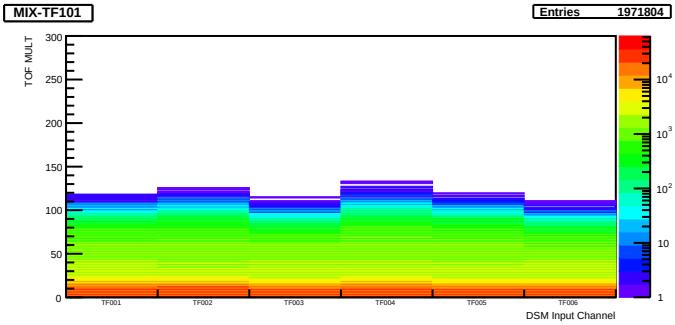

MIX-TF002
Entries 6901314
TOF MULT
TOF tray

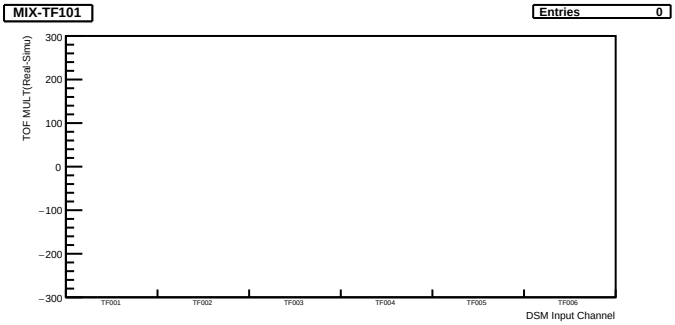

MIX-TF003
Entries 6901314
TOF MULT
TOF tray

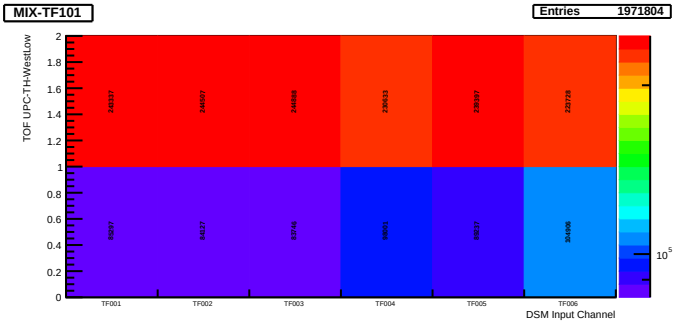

MIX-TF004
Entries 6901314
TOF MULT
TOF tray

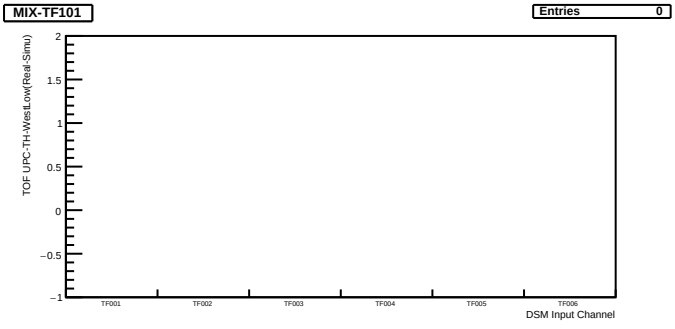

MIX-TF005
Entries 6901314
TOF MULT
TOF tray

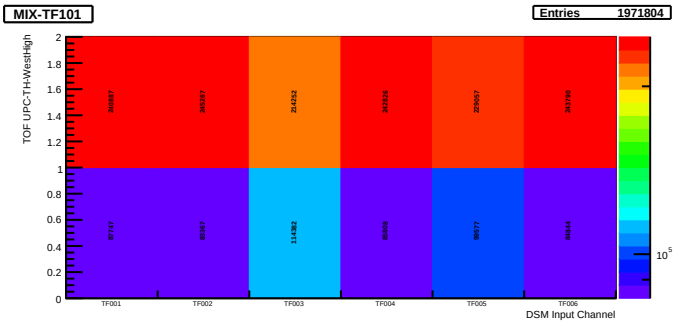

MIX-TF006
Entries 6901314
TOF MULT
TOF tray

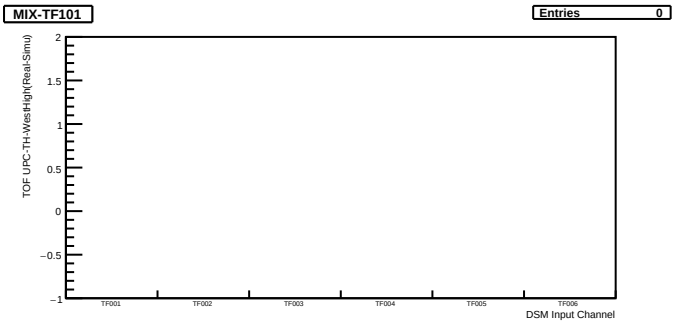

MIX-TF101
Entries 1971804
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

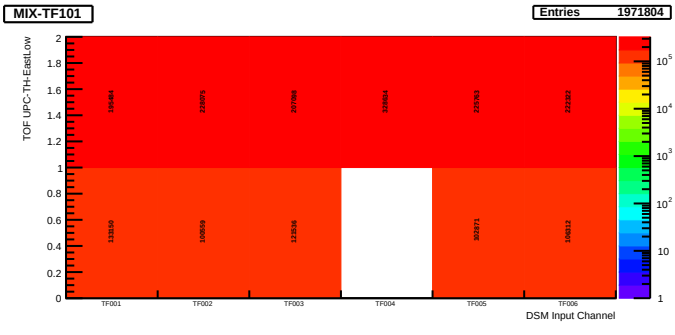

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

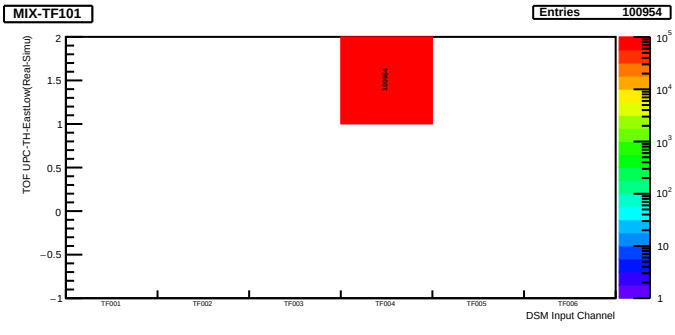

MIX-TF101
Entries 1971804
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

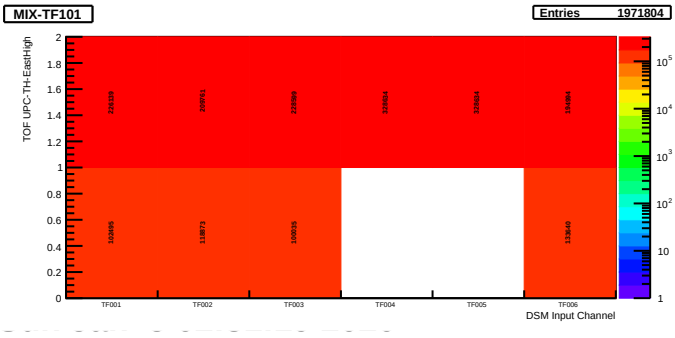

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

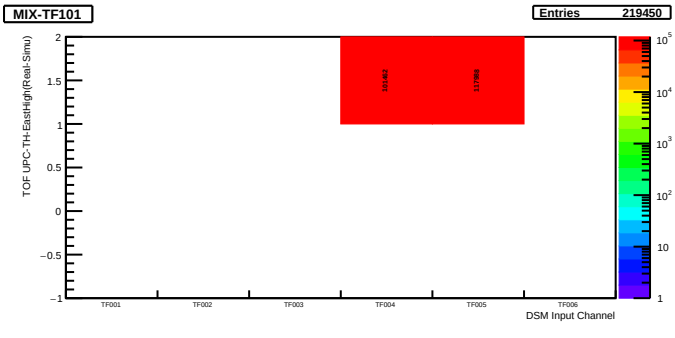

MIX-TF101
Entries 1971804
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

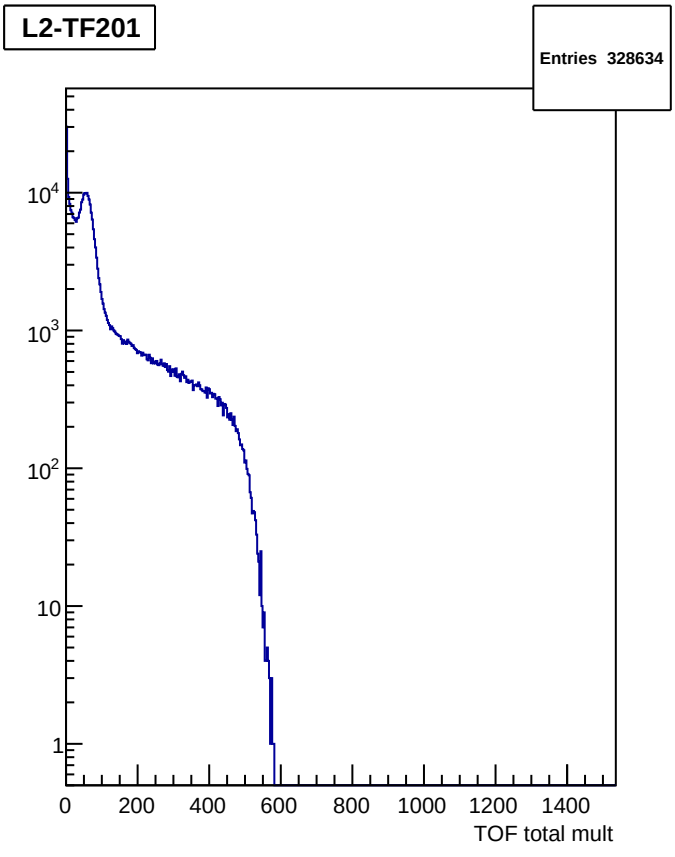

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

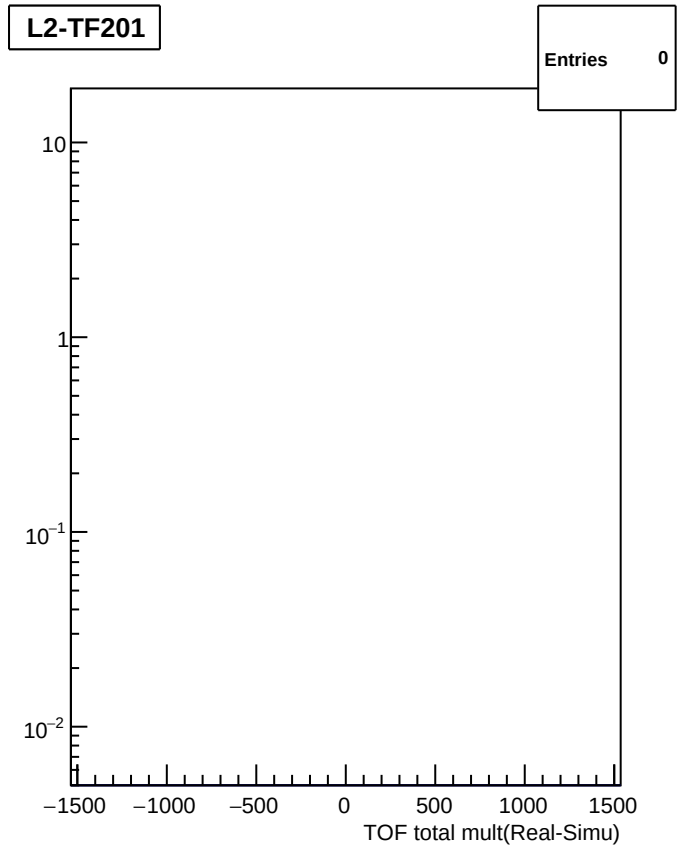

MIX-TF101
Entries 1971804
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

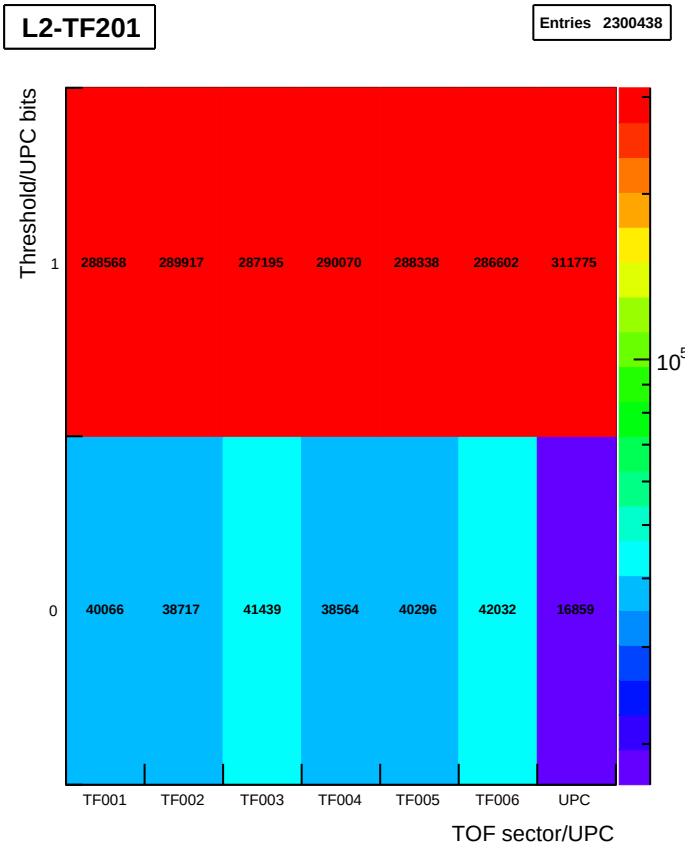

MIX-TF101
Entries 100954
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

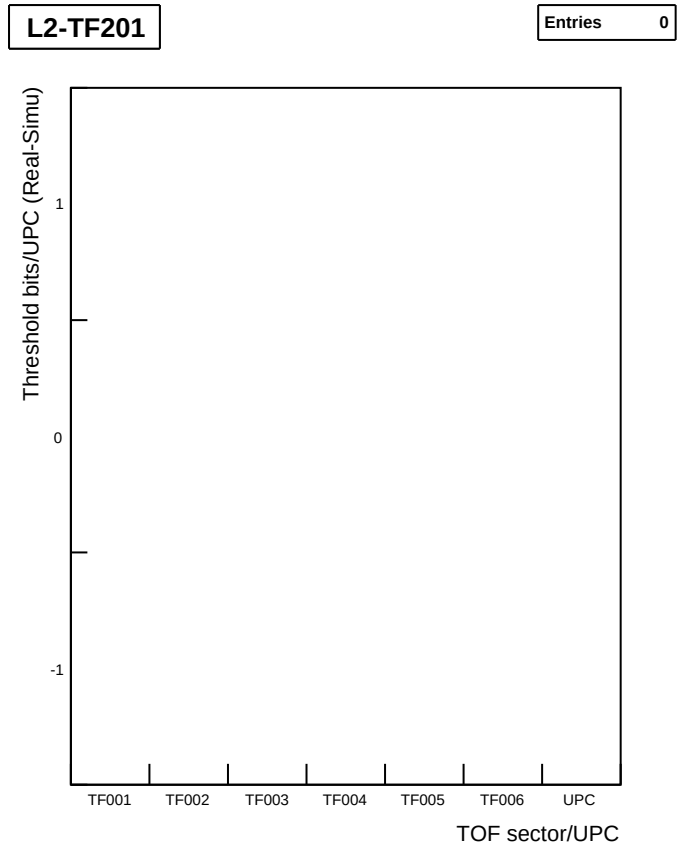

MIX-TF101
Entries 1971804
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

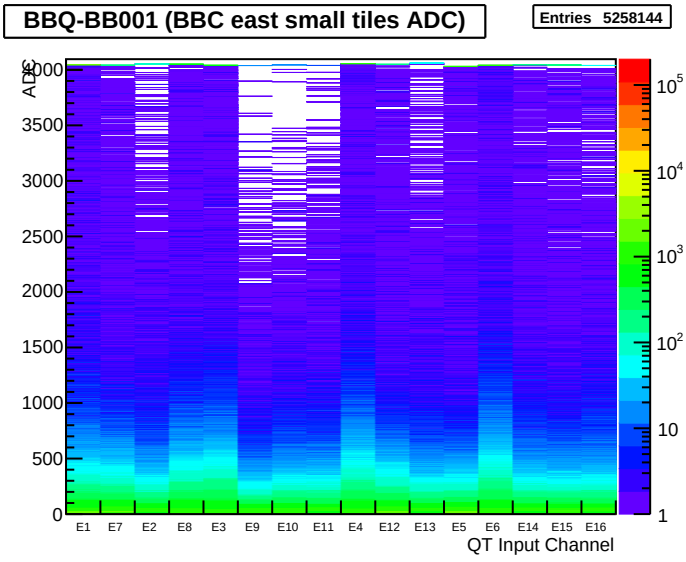

MIX-TF101
Entries 219450
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

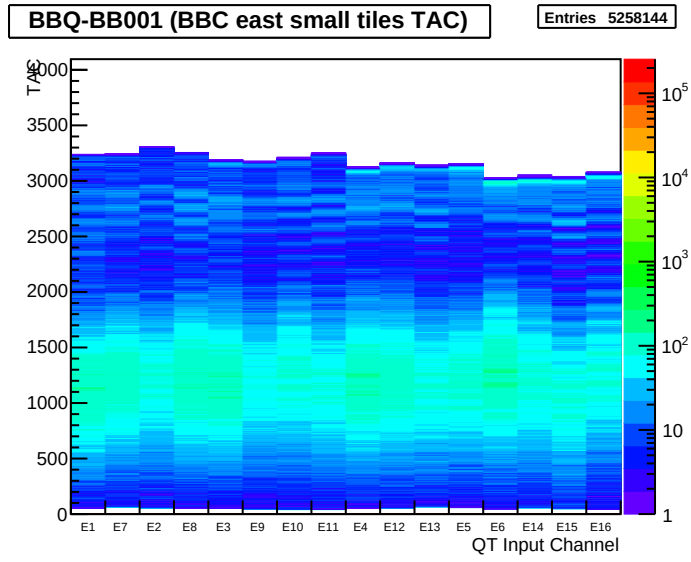

L2-TF201
Entries 328634
TOF total mult

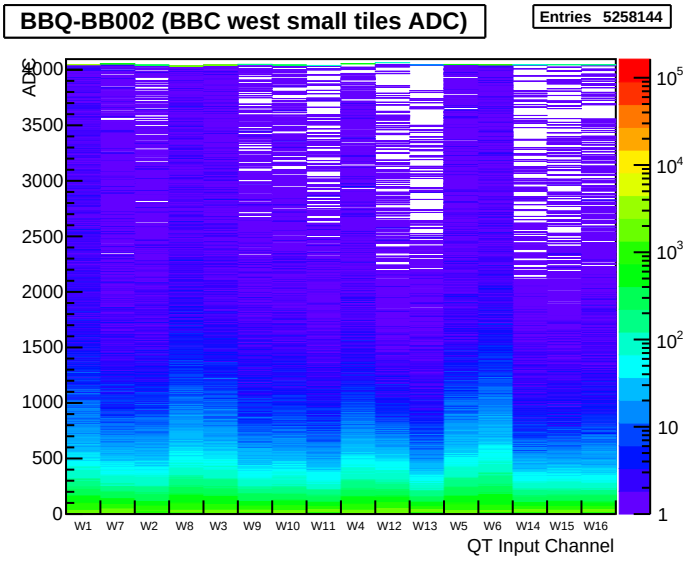

L2-TF201
Entries 0
TOF total mult(Real-Simu)

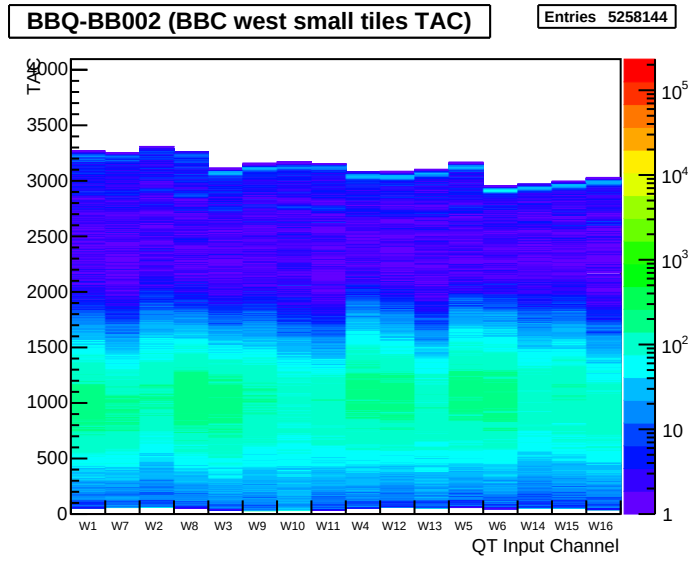

L2-TF201
Entries 2300438
Threshold/UPC bits
288568
289917
287195
290070
288338
286602
311775
40066
38717
41439
38564
40296
42032
16859
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

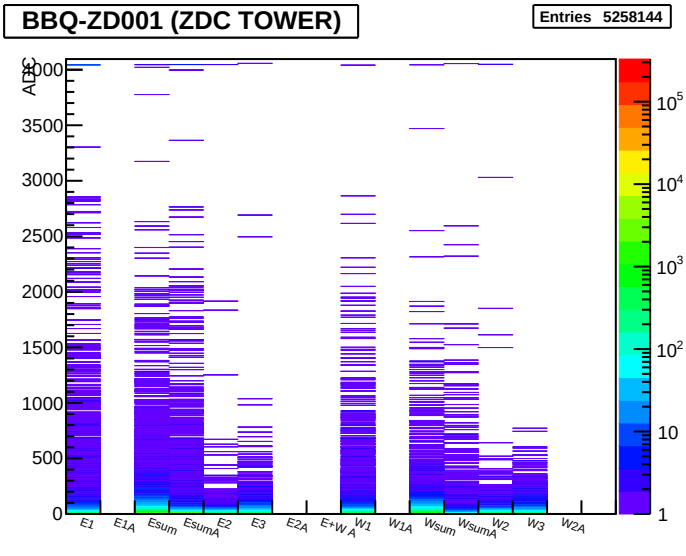

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

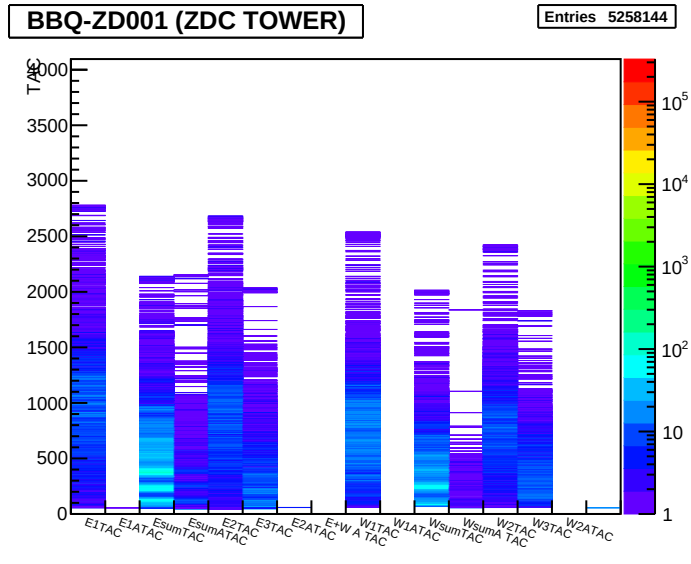

BBQ-BB001 (BBC east small tiles ADC)
Entries 5258144
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

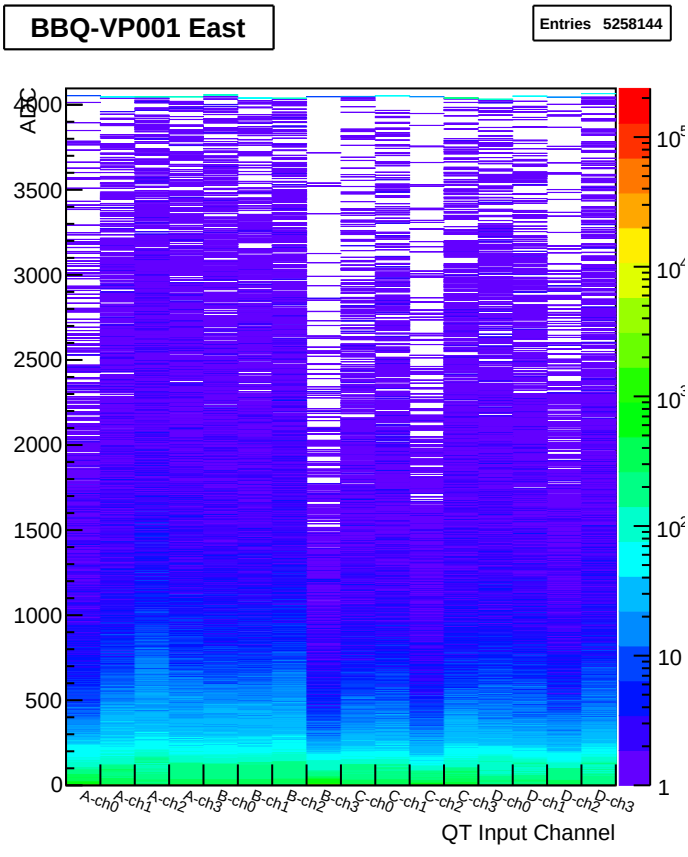

BBQ-BB001 (BBC east small tiles TAC)
Entries 5258144
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

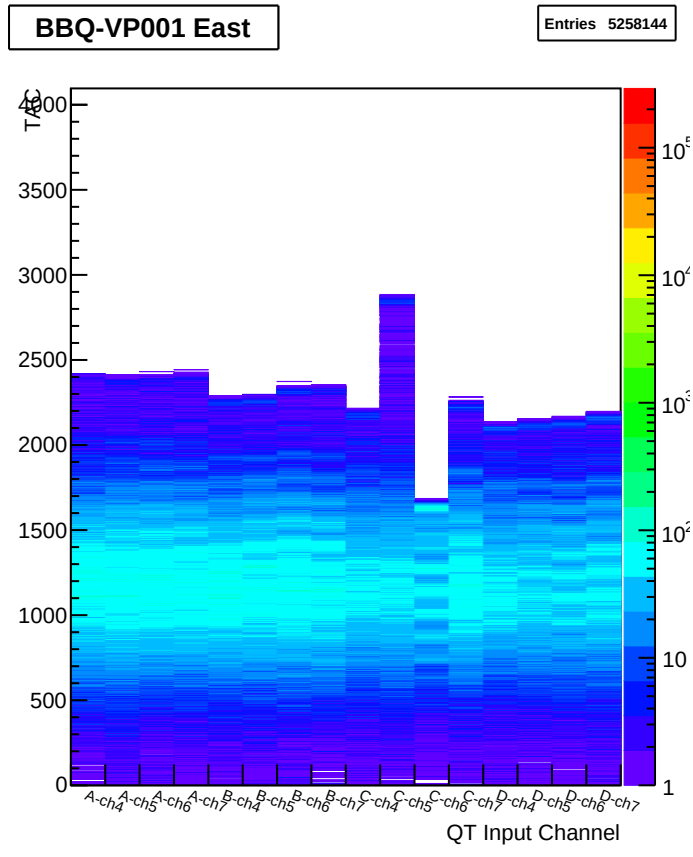

BBQ-BB002 (BBC west small tiles ADC)
Entries 5258144
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

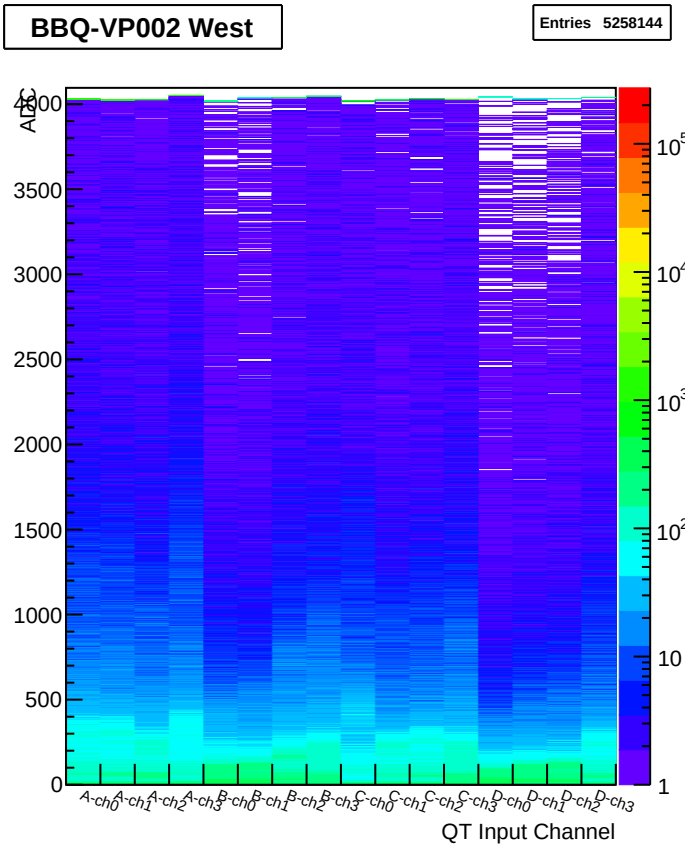

BBQ-BB002 (BBC west small tiles TAC)
Entries 5258144
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

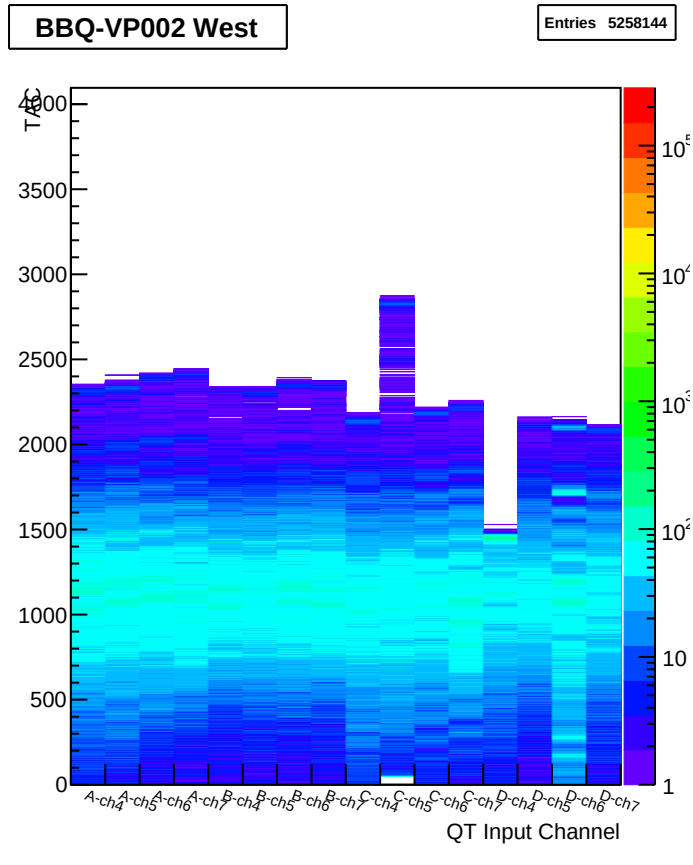

BBQ-ZD001 (ZDC TOWER)
Entries 5258144
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

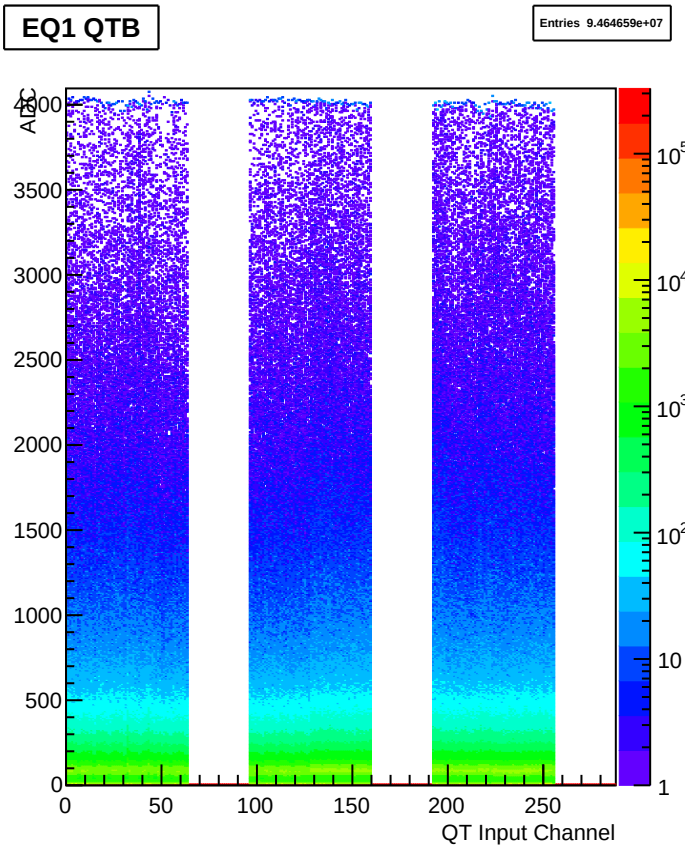

BBQ-ZD001 (ZDC TOWER)
Entries 5258144
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

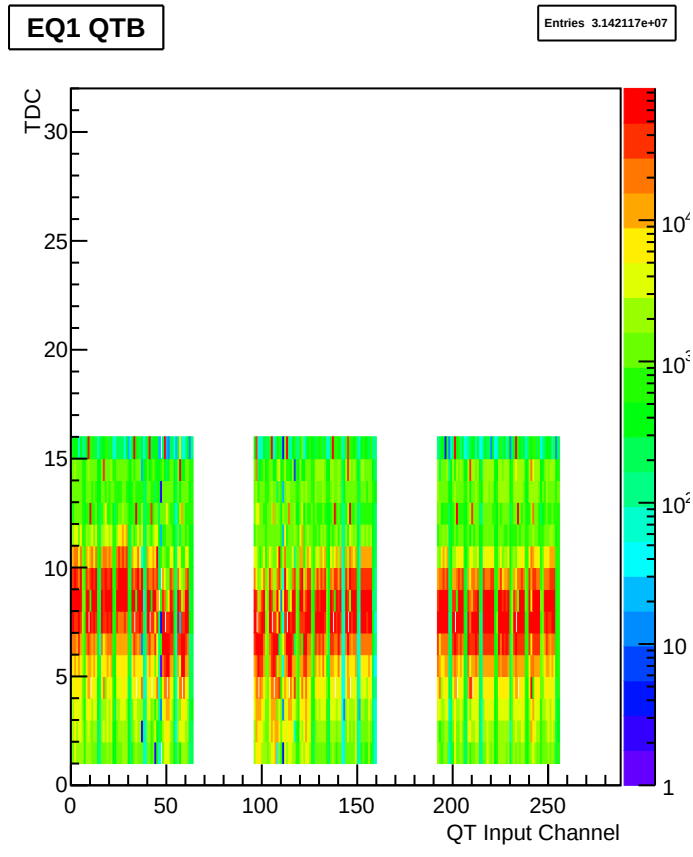

BBQ-VP001 East
Entries 5258144
ADC
QT Input Channel

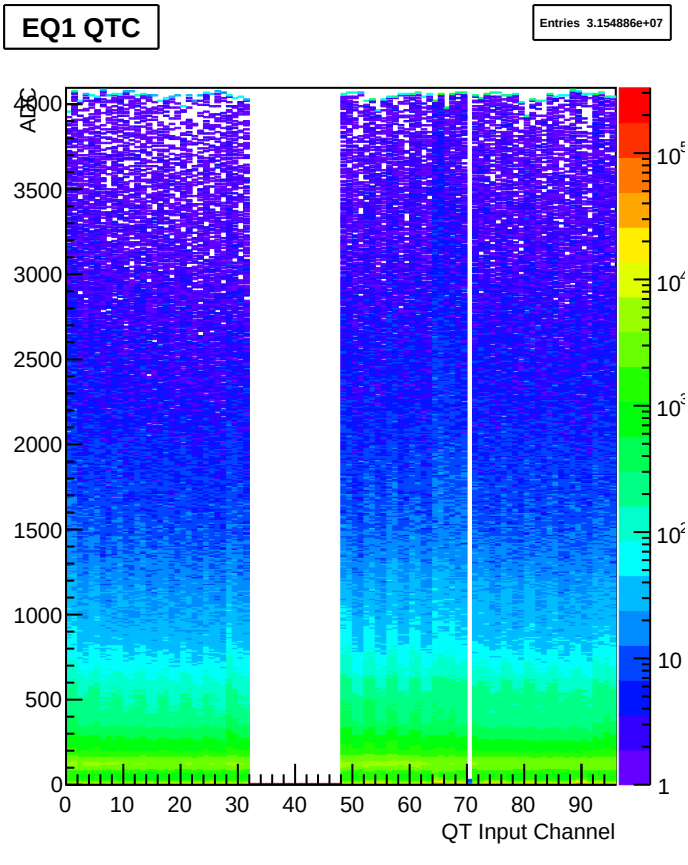

BBQ-VP001 East
Entries 5258144
TADC
QT Input Channel

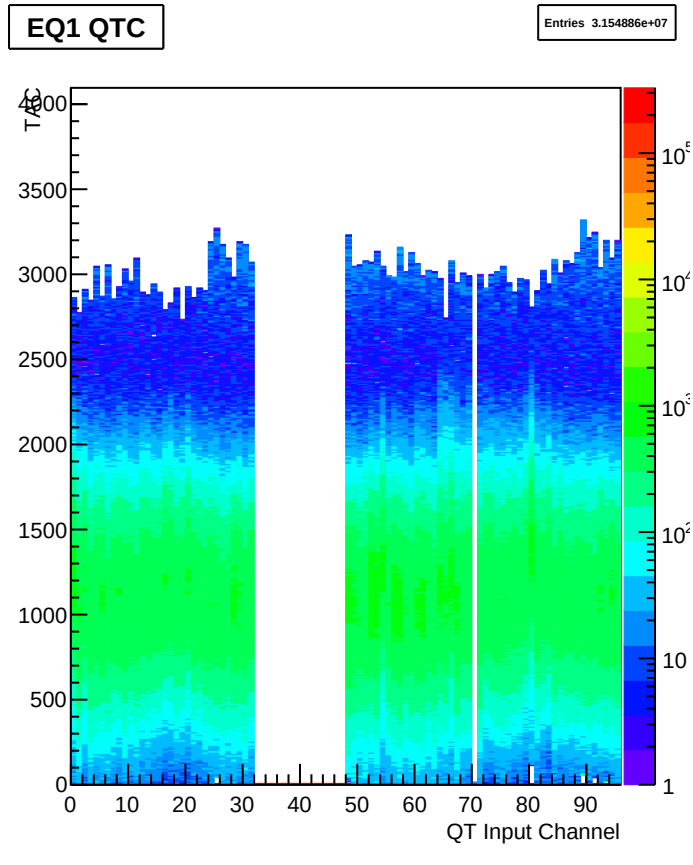

BBQ-VP002 West
Entries 5258144
ADC
QT Input Channel

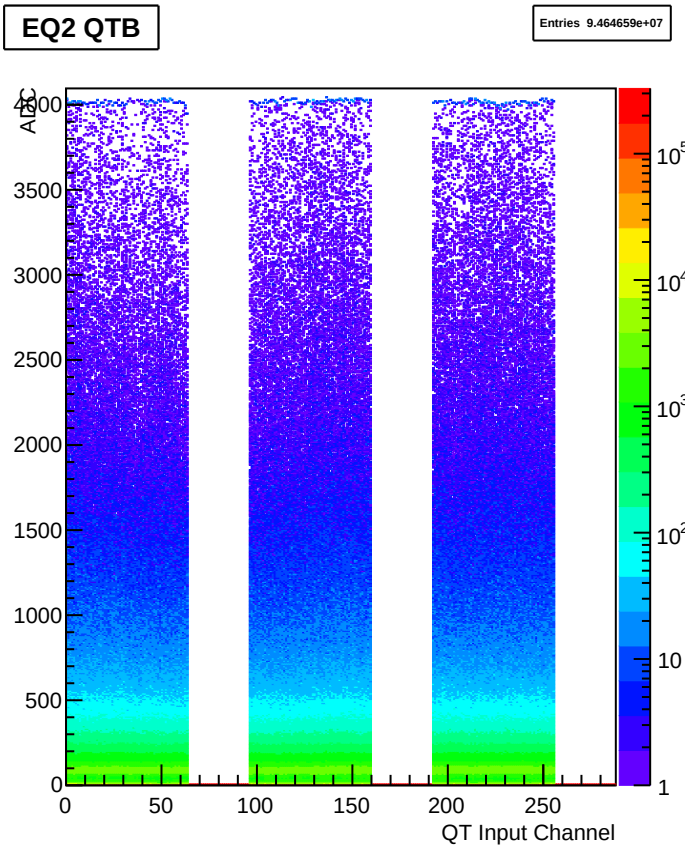

BBQ-VP002 West
Entries 5258144
TADC
QT Input Channel

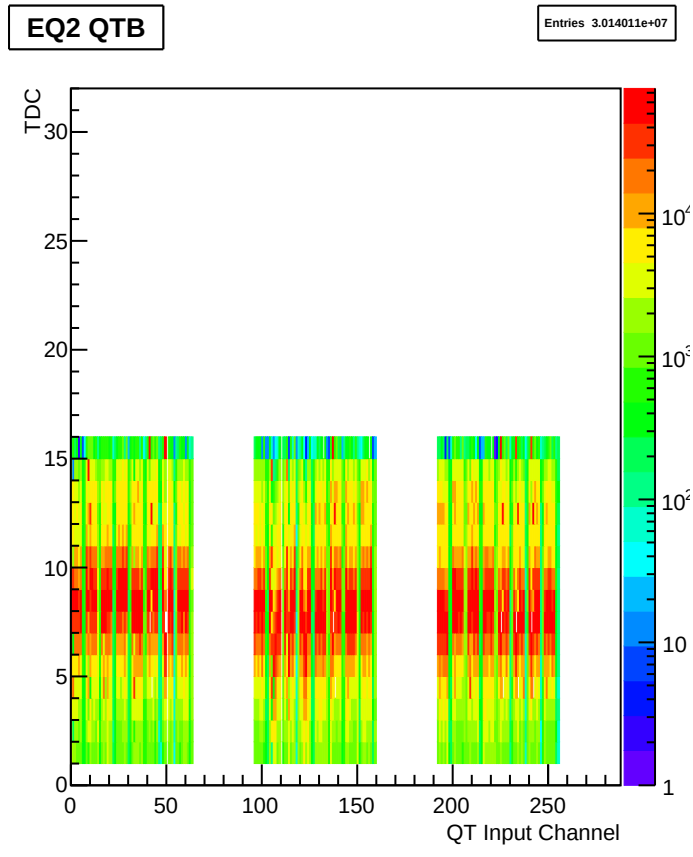

EQ1 QTB
Entries 9.464659e+07
ADC
QT Input Channel

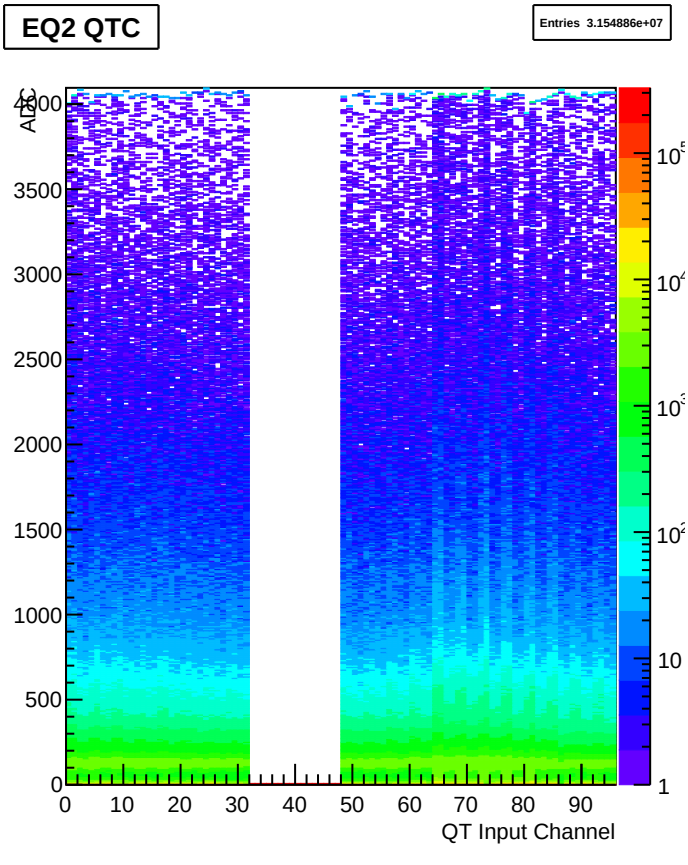

EQ1 QTB
Entries 3.142117e+07
TDC
QT Input Channel

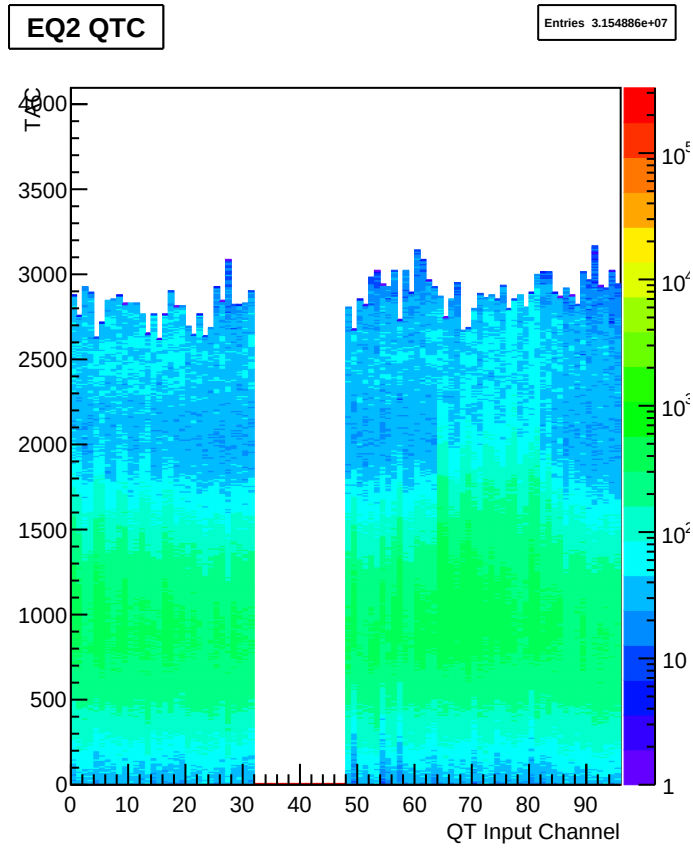

EQ1 QTC
Entries 3.154886e+07
ADC
QT Input Channel

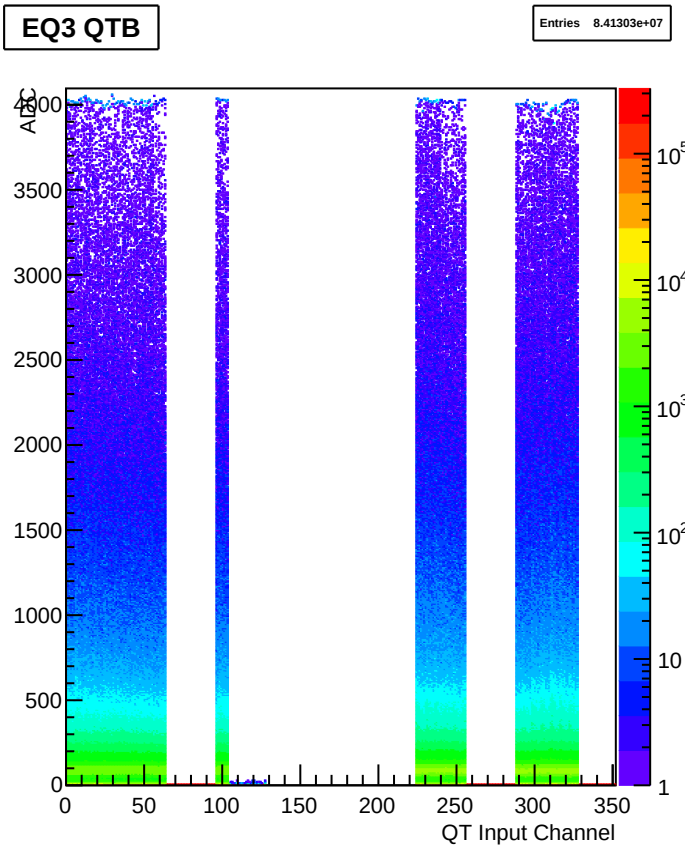

EQ1 QTC
Entries 3.154886e+07
TADC
QT Input Channel

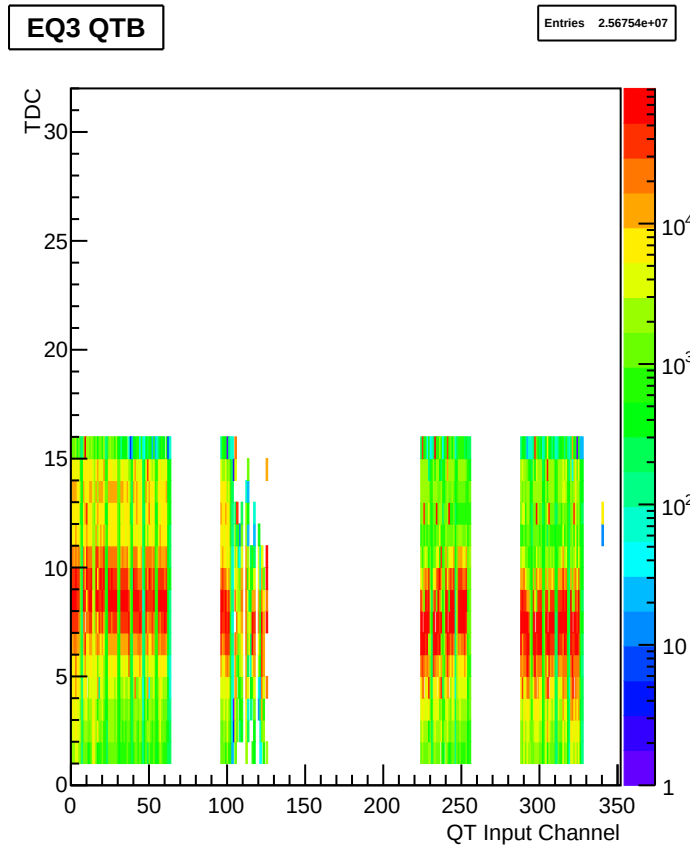

EQ2 QTB
Entries 9.464659e+07
ADC
QT Input Channel

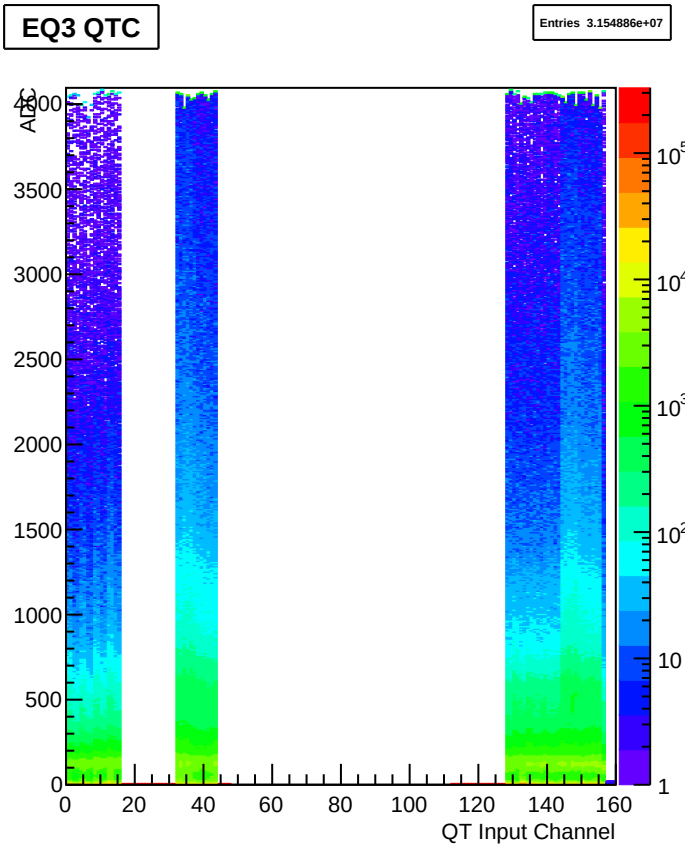

EQ2 QTB
Entries 3.014011e+07
TDC
QT Input Channel

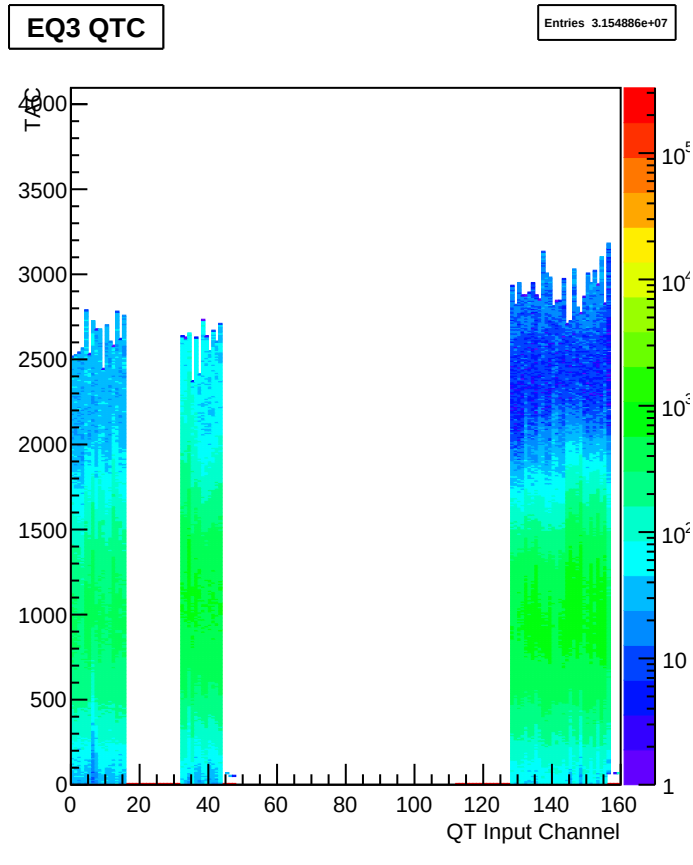

EQ2 QTC
Entries 3.154886e+07
ADC
QT Input Channel

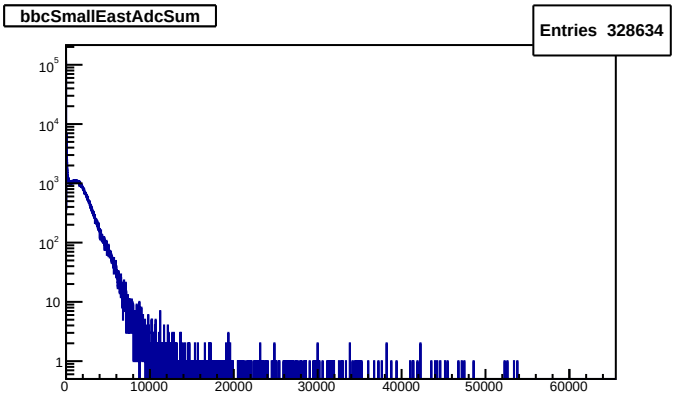

EQ2 QTC
Entries 3.154886e+07
TADC
QT Input Channel

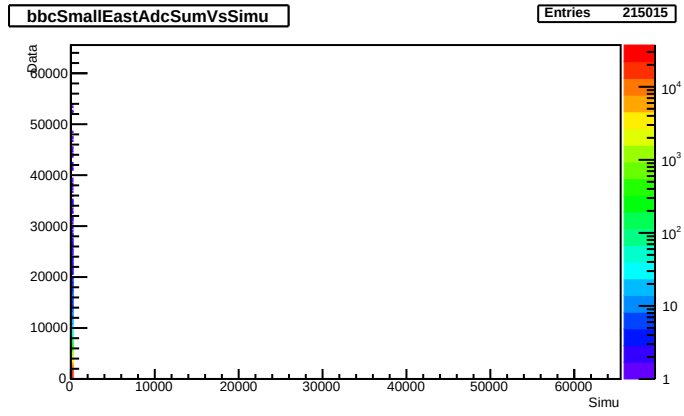

EQ3 QTB
Entries 8.41303e+07
ADC
QT Input Channel

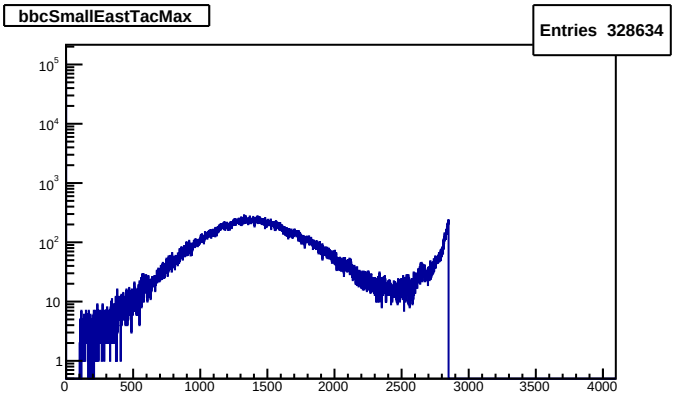

EQ3 QTB
Entries 2.56754e+07
TDC
QT Input Channel

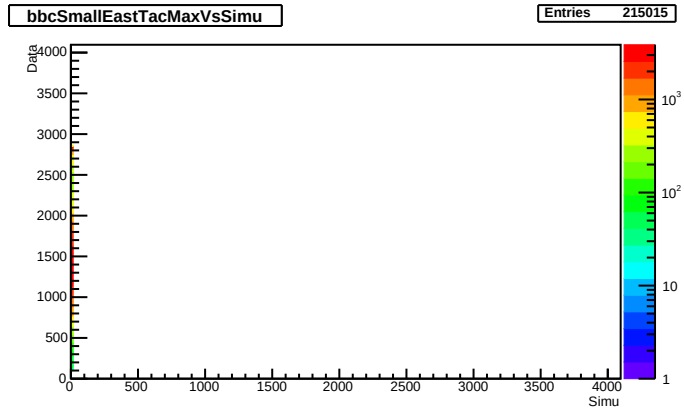

EQ3 QTC
Entries 3.154886e+07
ADC
QT Input Channel

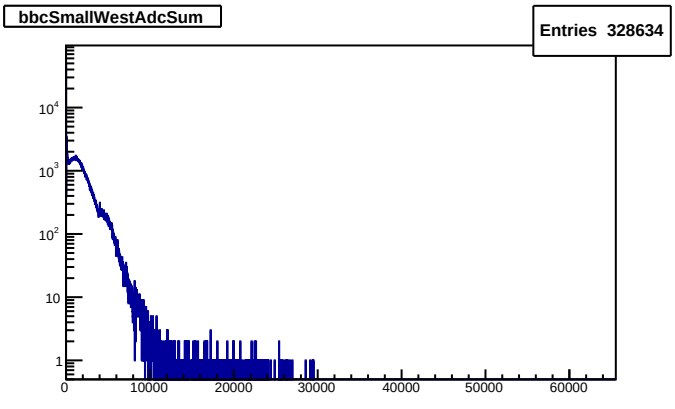

EQ3 QTC
Entries 3.154886e+07
TADC
QT Input Channel

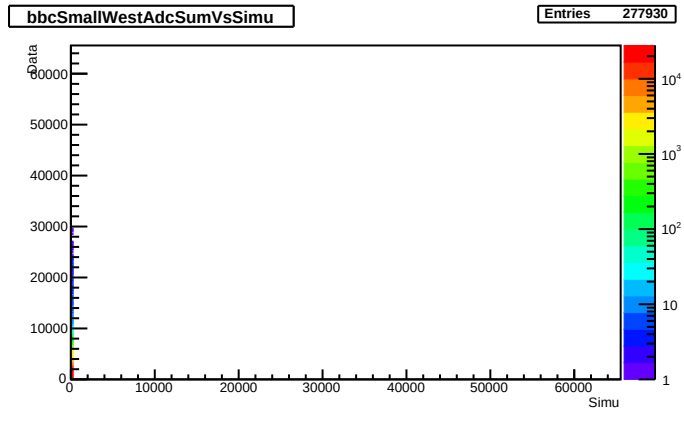

bbcSmallEastAdcSum
Entries 328634

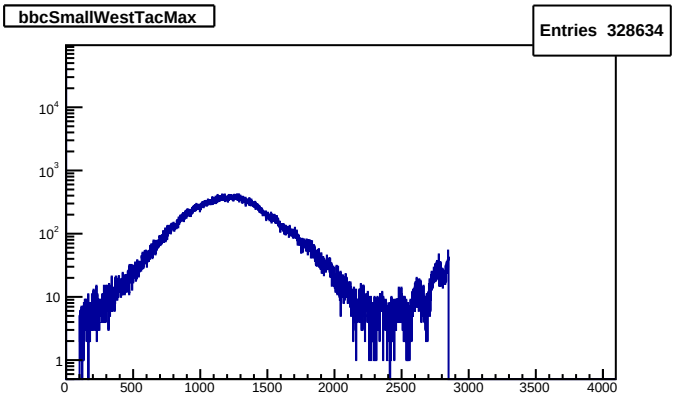

bbcSmallEastAdcSumVsSimu
Entries 215015
Data
Simu

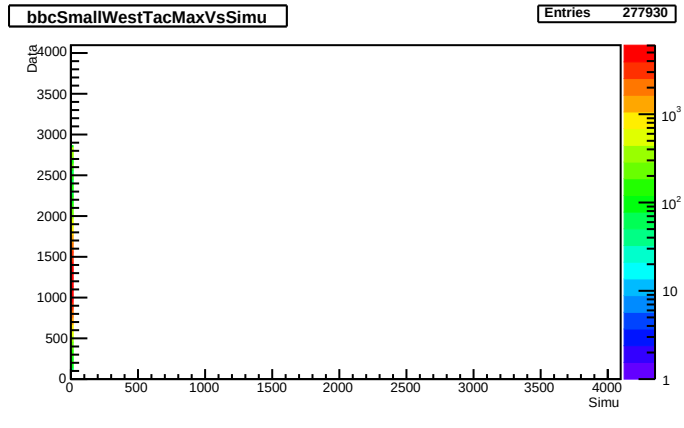

bbcSmallEastTacMax
Entries 328634

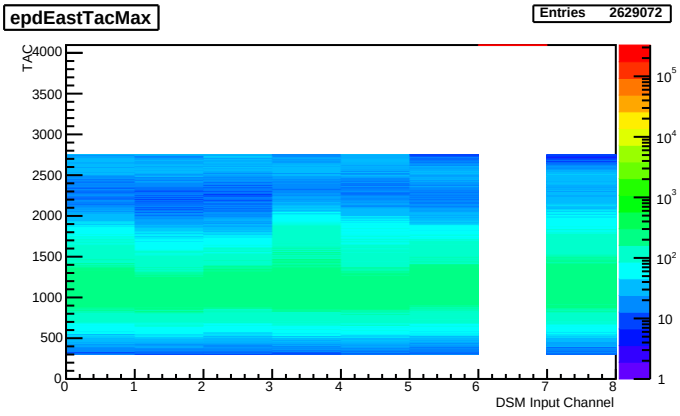

bbcSmallEastTacMaxVsSimu
Entries 215015
Data
Simu

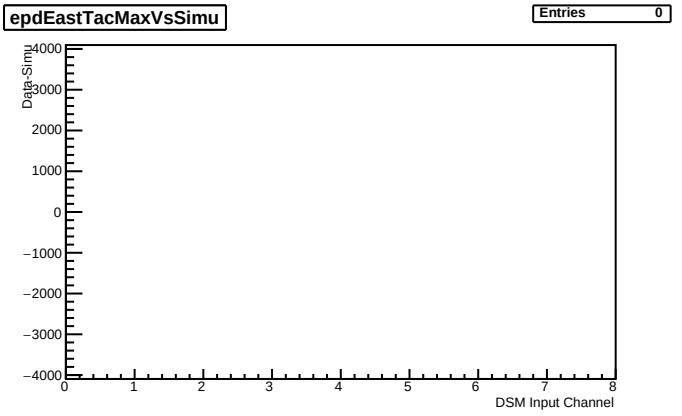

bbcSmallWestAdcSum
Entries 328634

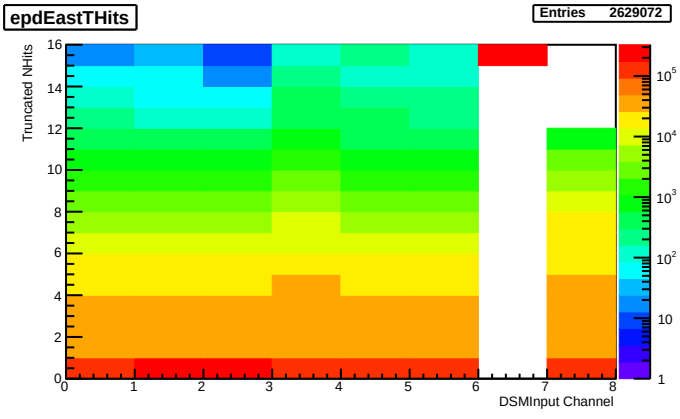

bbcSmallWestAdcSumVsSimu
Entries 277930
Data
Simu

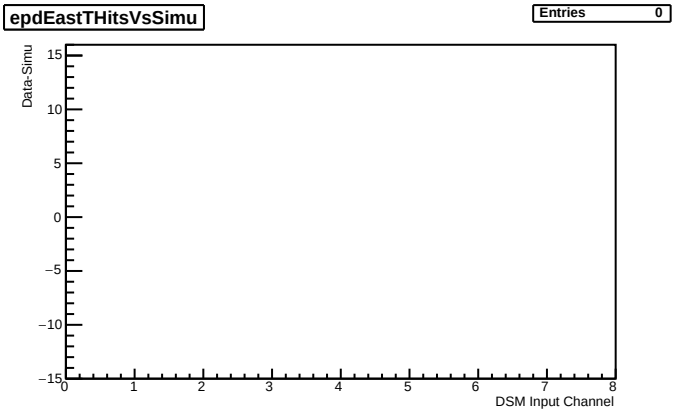

bbcSmallWestTacMax
Entries 328634


bbcSmallWestTacMaxVsSimu
Entries 277930
Data
Simu


epdEastTacMax
Entries 2629072
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2629072
Truncated NHits
DSMInput Channel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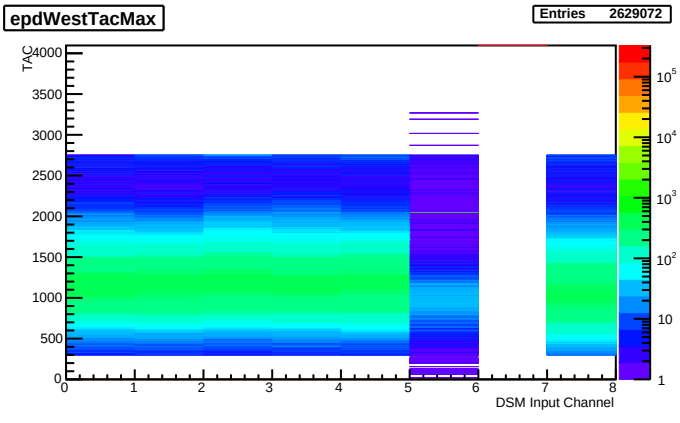
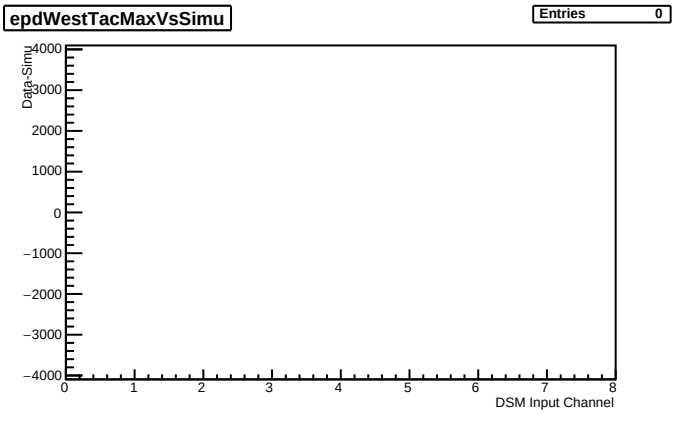
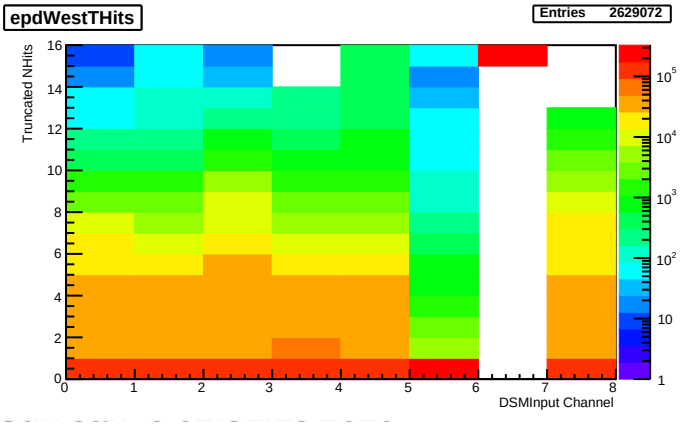
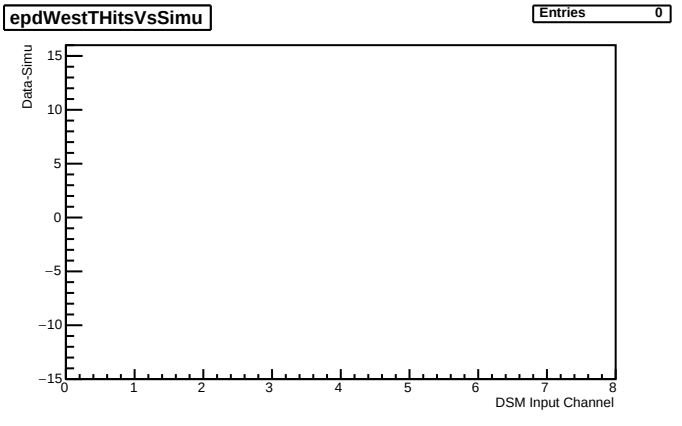
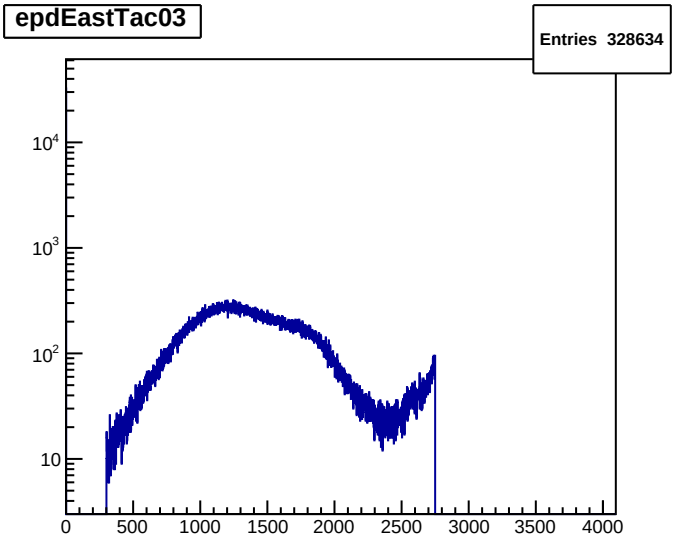
Entries 0
Data-Simu
DSM Input Channel

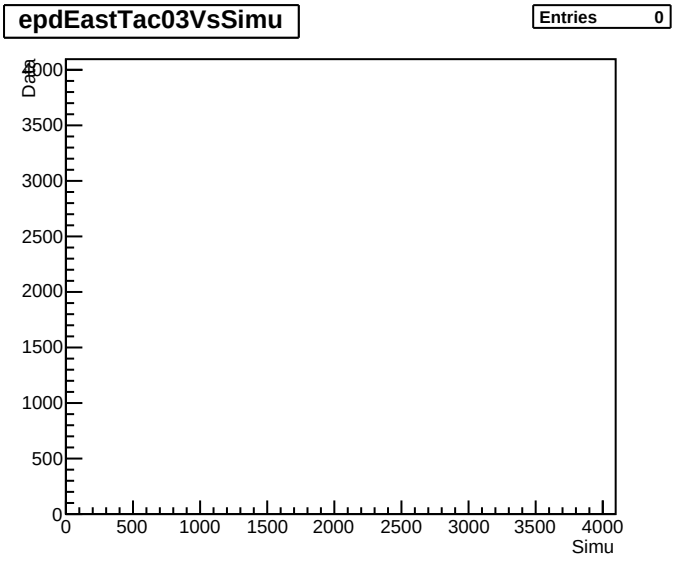

epdWestTacMax
Entries 2629072
TAC
DSM Input Channel

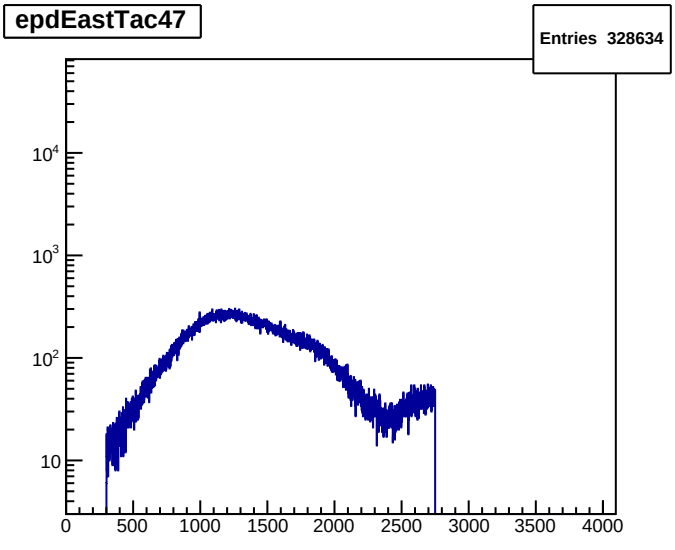

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

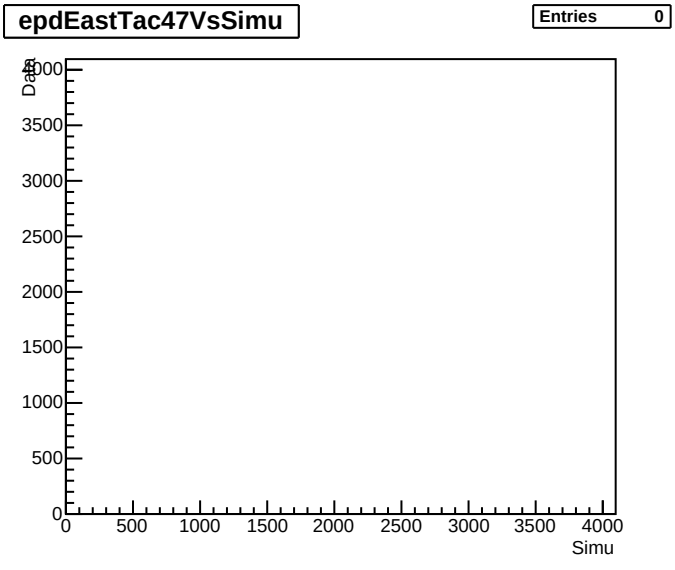

epdWestTHits
Entries 2629072
Truncated NHits
DSMInput Channel

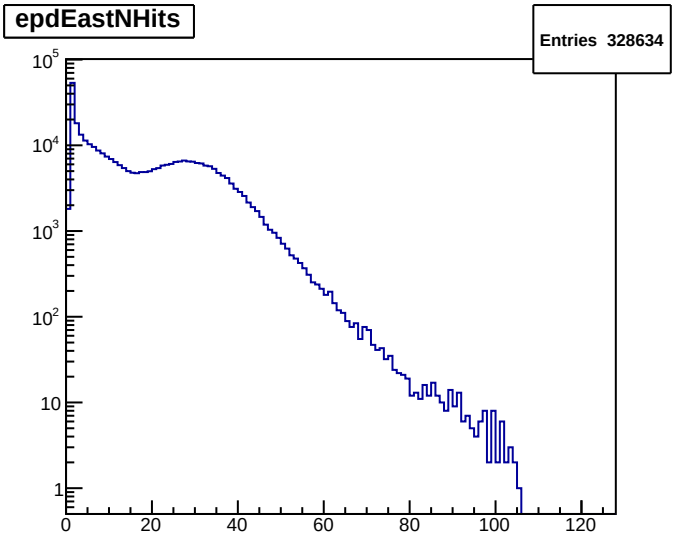

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

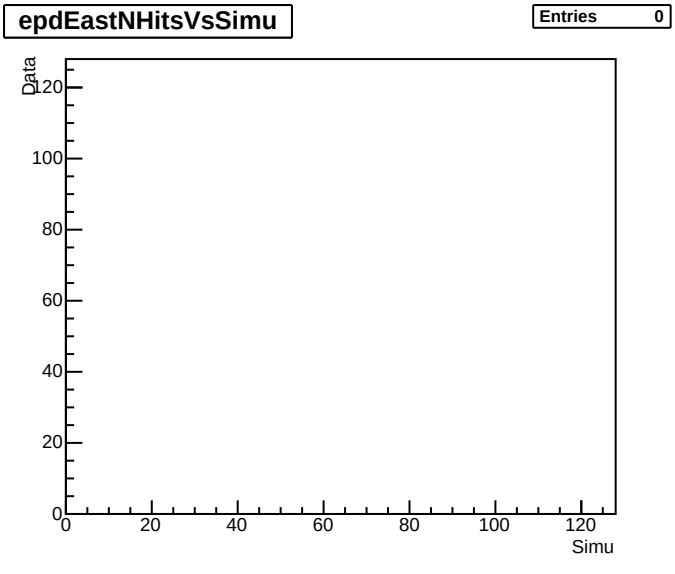

epdEastTac03
Entries 328634


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 328634


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 328634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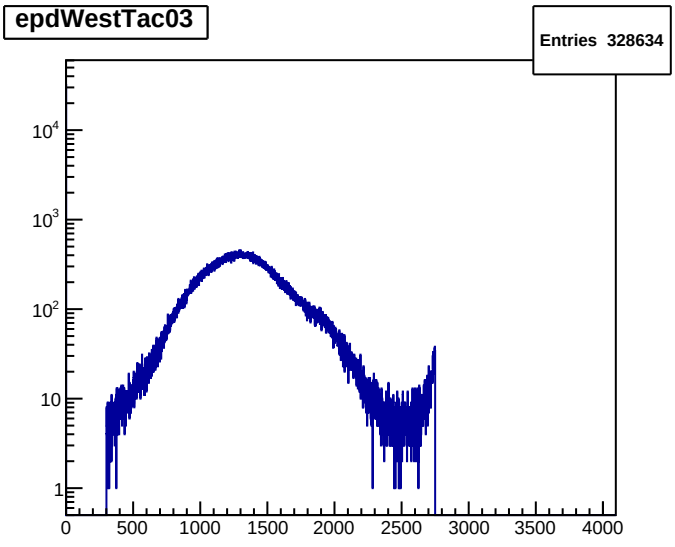
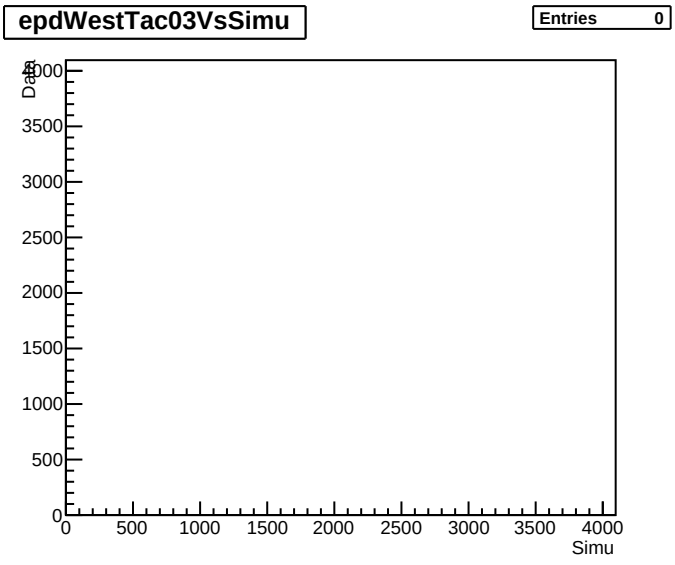
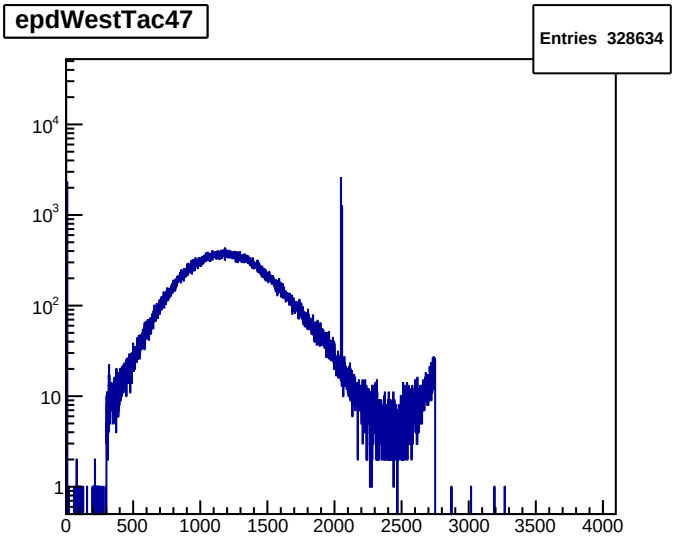
Entries 0
Data
Simu


epdWestTac03
Entries 328634


epdWestTac03VsSimu
Entries 0
Data
Simu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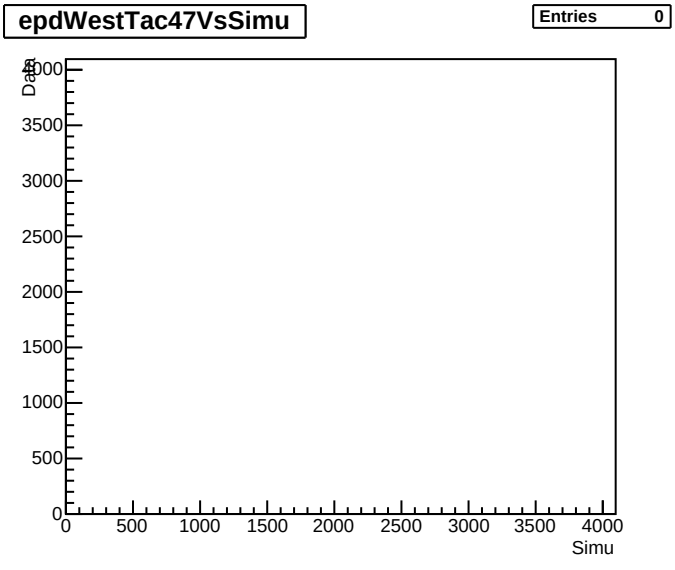
Entries 328634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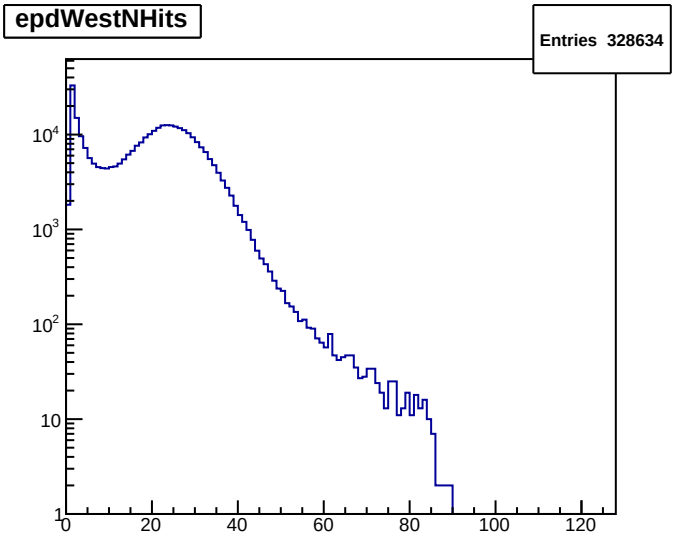
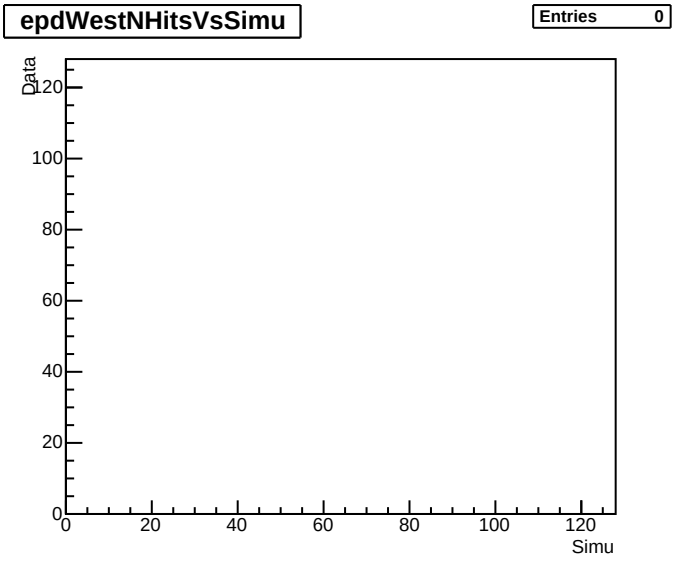
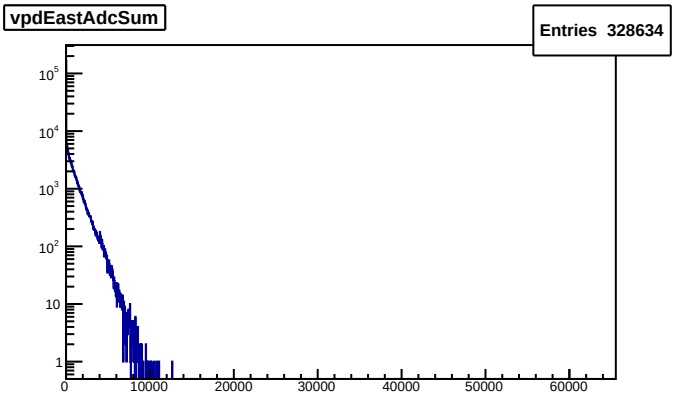
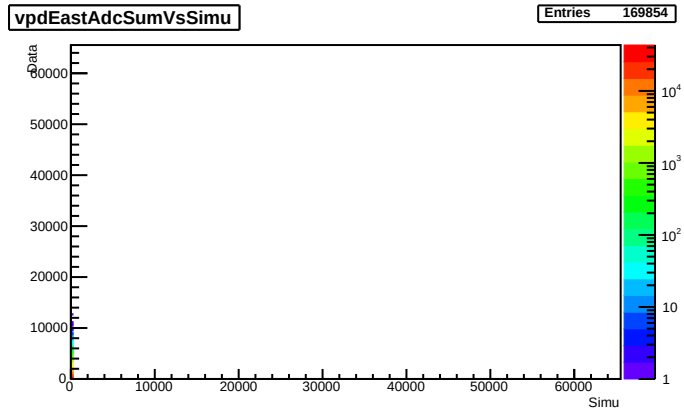
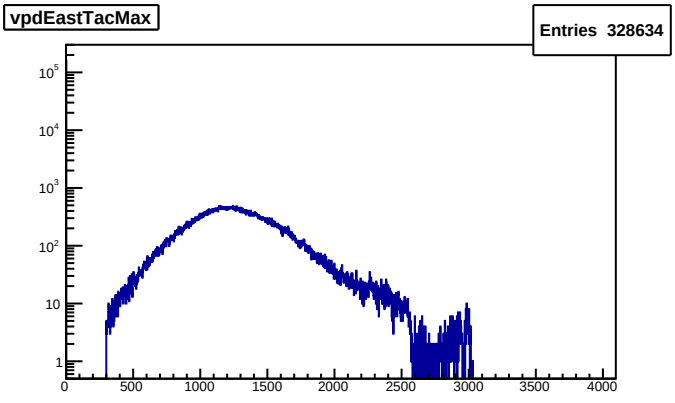
Entries 0
Data
Simu

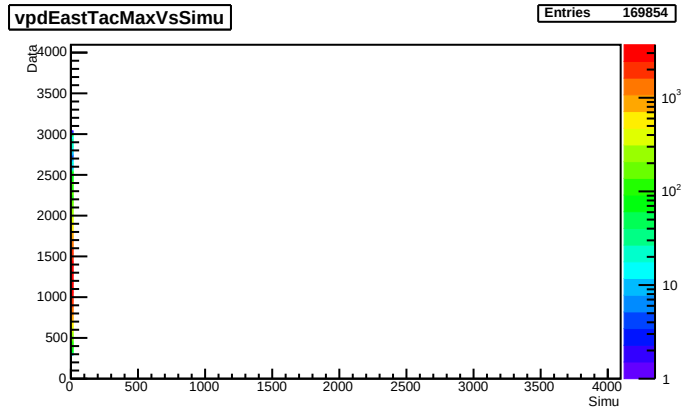

epdWestNHits
Entries 328634

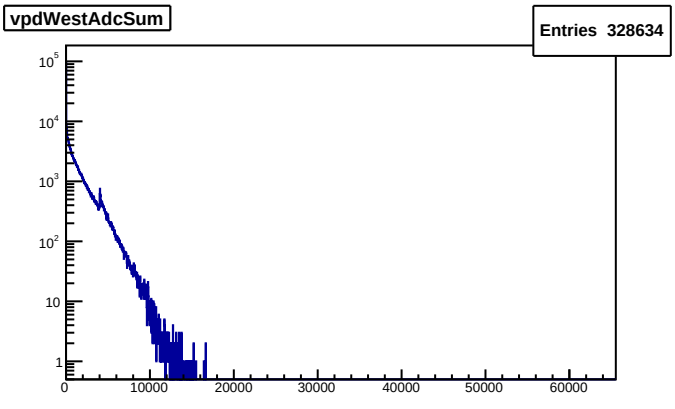

epdWestNHitsVsSimu
Entries 0
Data
Simu

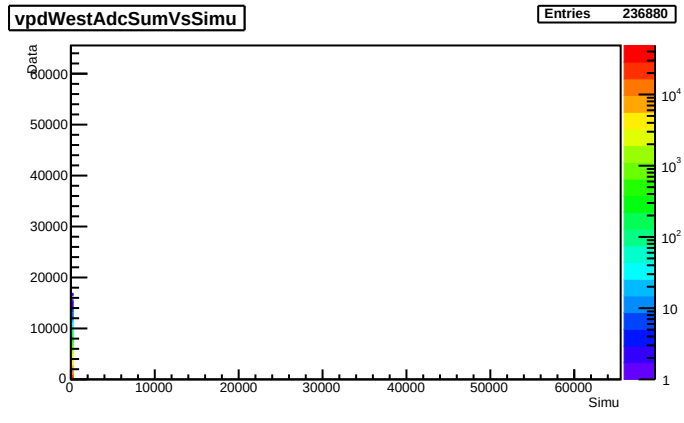

vpdEastAdcSum
Entries 328634

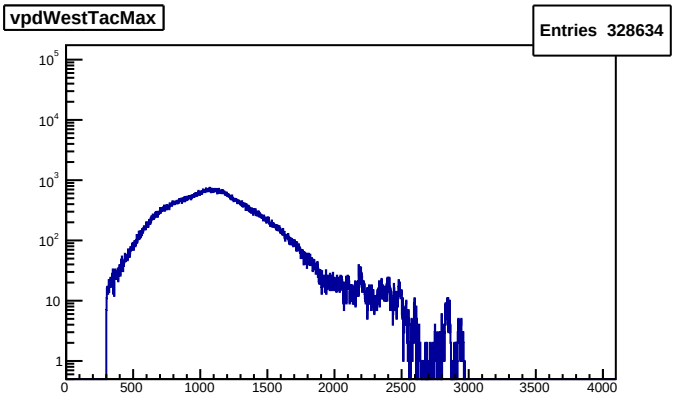

vpdEastAdcSumVsSimu
Entries 169854
Data
Simu

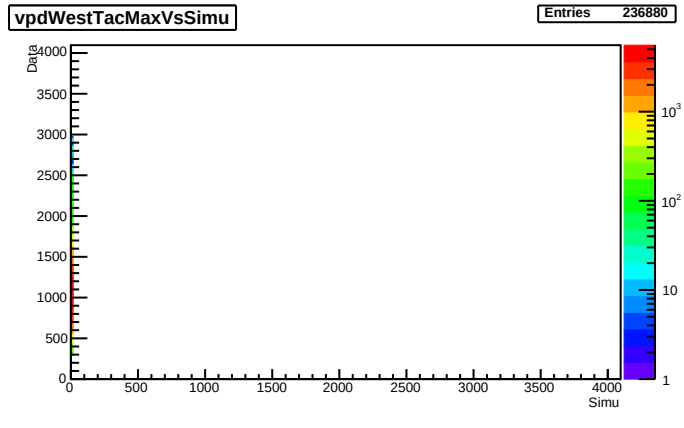

vpdEastTacMax
Entries 328634

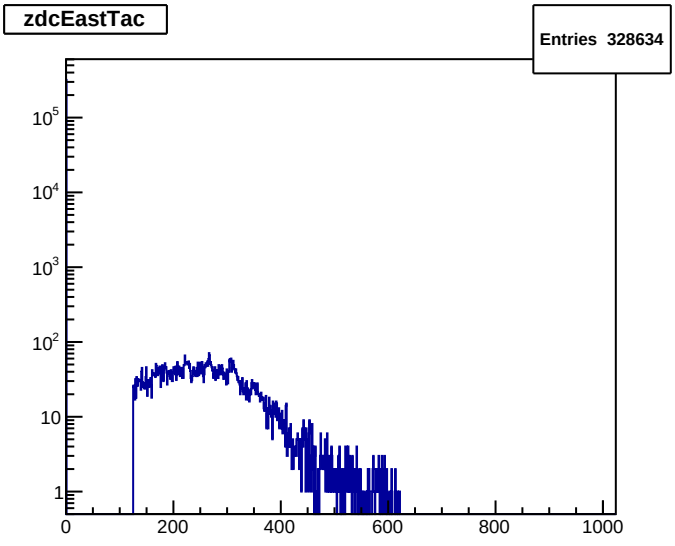

vpdEastTacMaxVsSimu
Entries 169854
Data
Simu

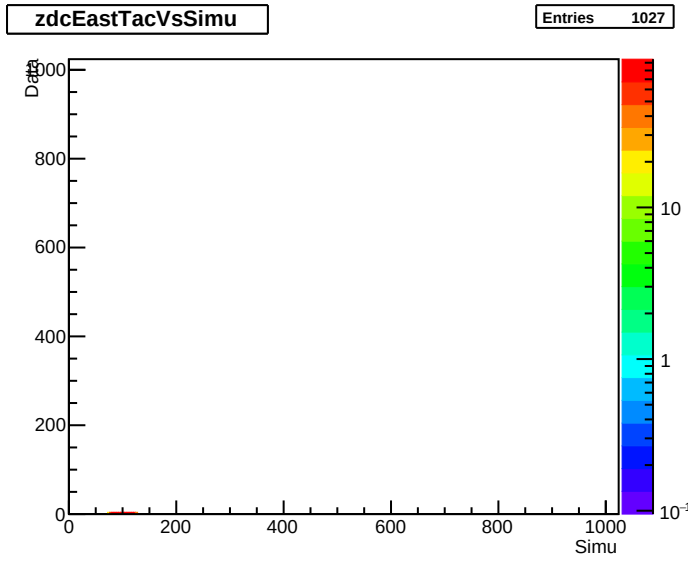

vpdWestAdcSum
Entries 328634

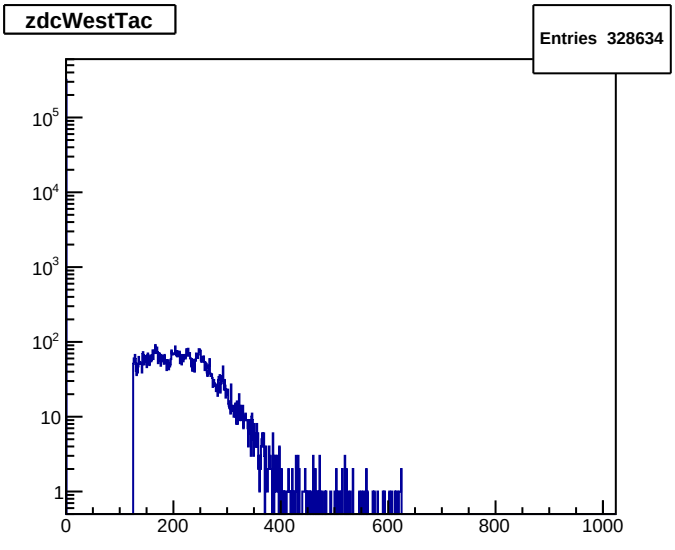

vpdWestAdcSumVsSimu
Entries 236880
Data
Simu

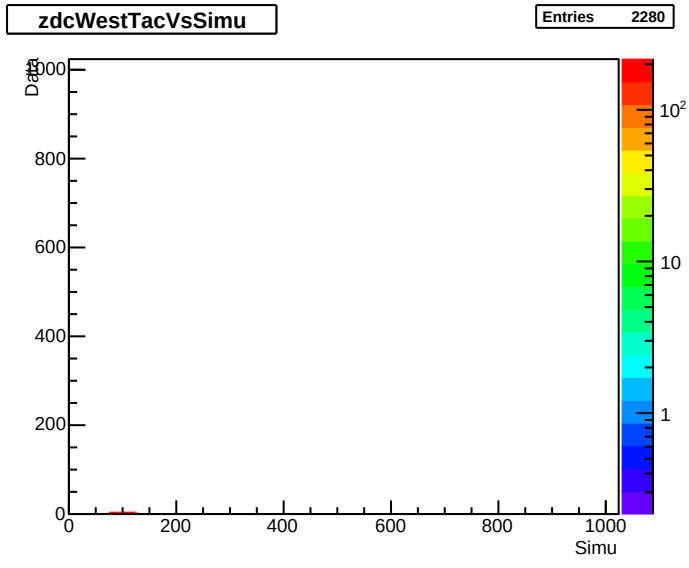

vpdWestTacMax
Entries 328634

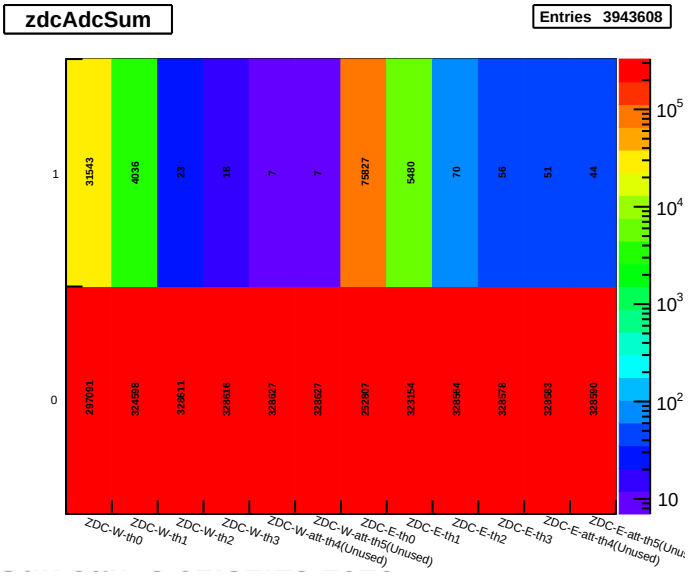

vpdWestTacMaxVsSimu
Entries 236880
Data
Simu

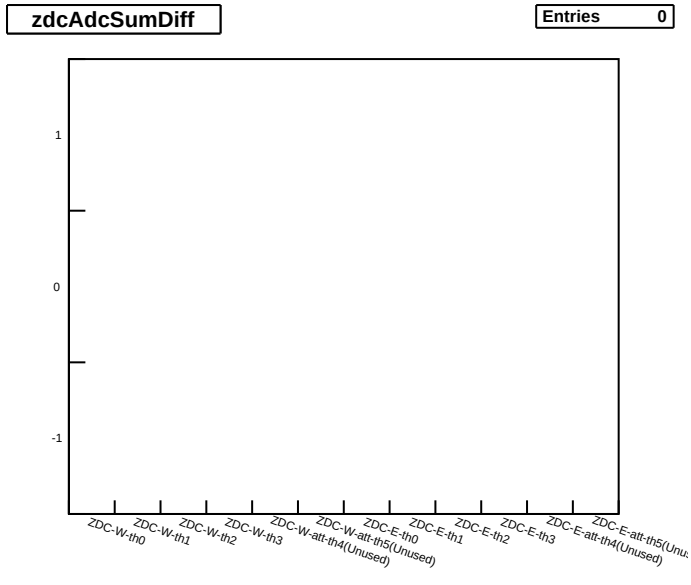

zdcEastTac
Entries 328634

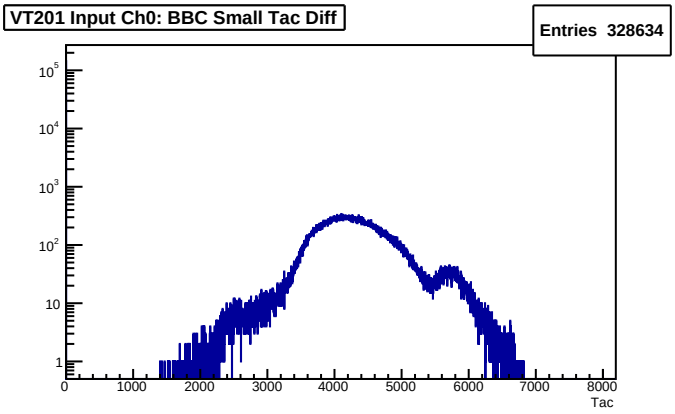

zdcEastTacVsSimu
Entries 1027
Data
Simu

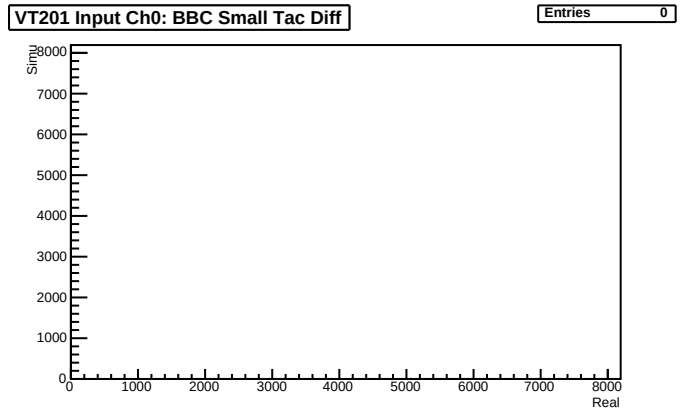

zdcWestTac
Entries 328634

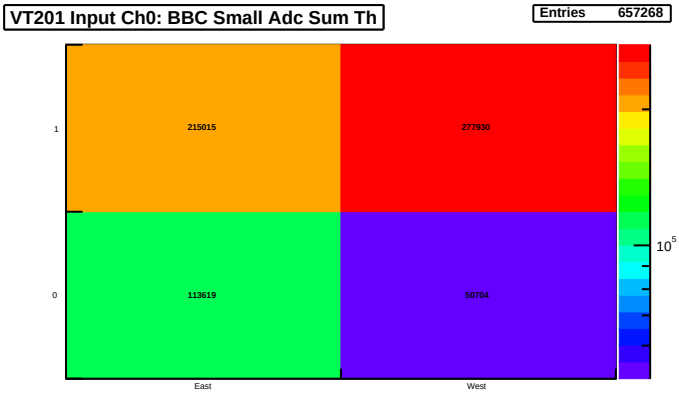

zdcWestTacVsSimu
Entries 2280
Data
Simu

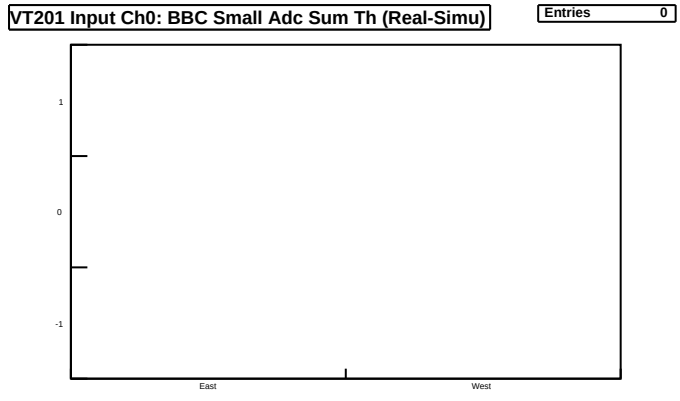

zdcAdcSum
Entries 3943608
31543
4036
23
18
7
7
75827
5480
70
56
51
44
297091
324598
328611
328616
328627
328627
252807
323154
328564
328578
328593
328590
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

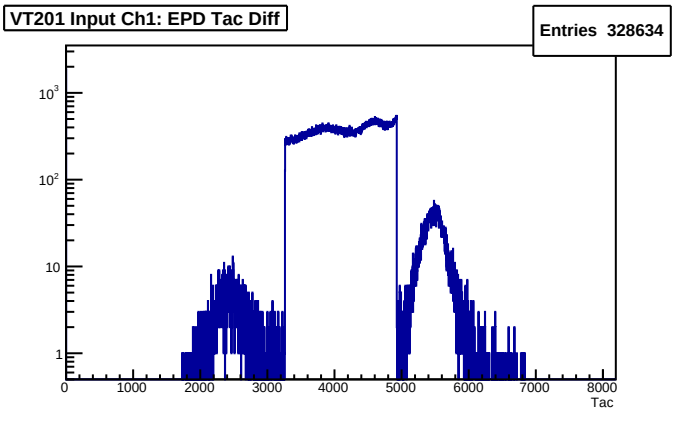

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

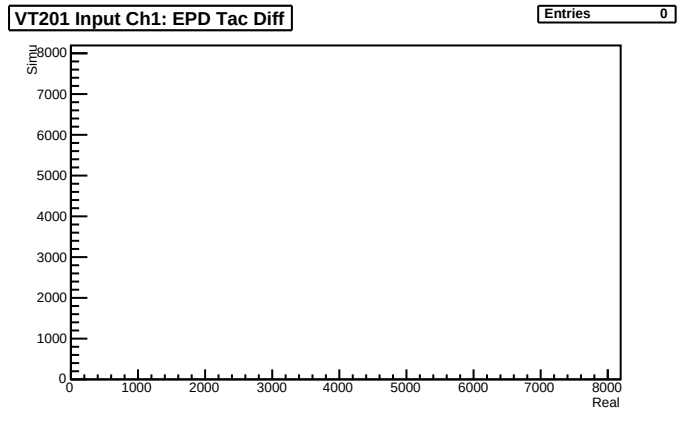

VT201 Input Ch0: BBC Small Tac Diff
Entries 328634
Tac

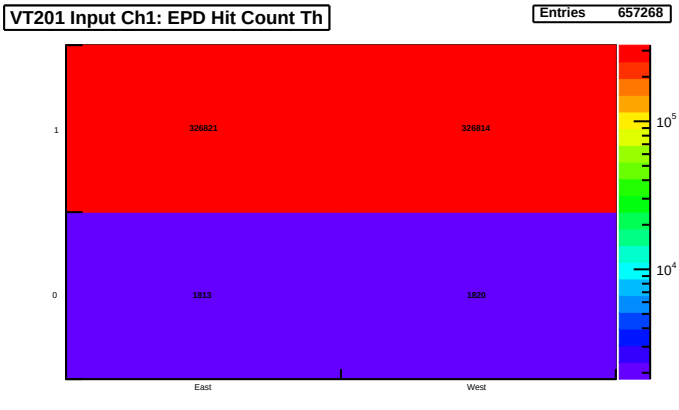

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

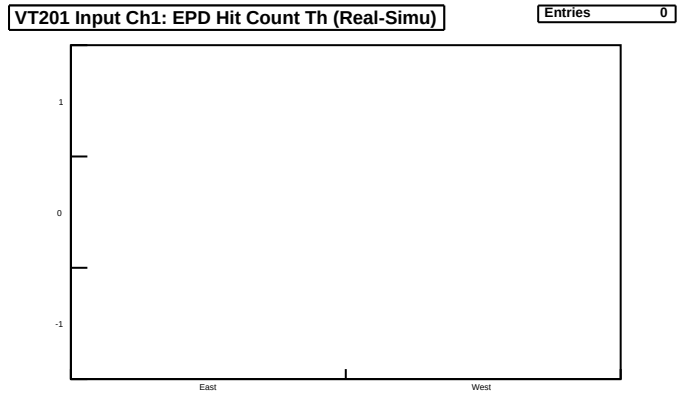

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 657268
215015
277930
113619
50704
East
West

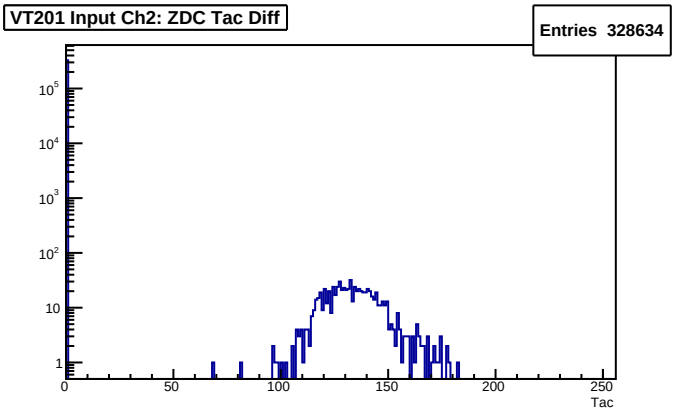

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

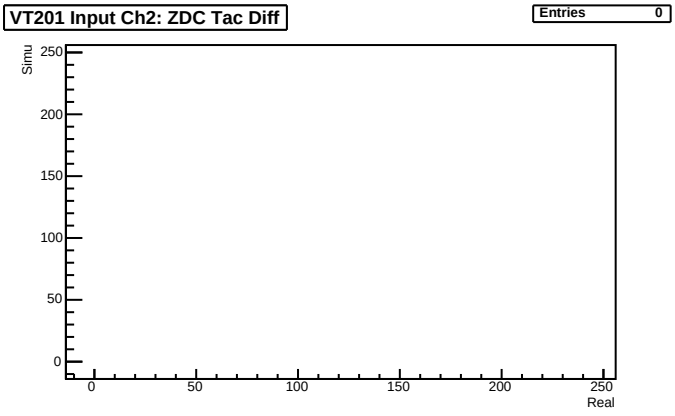

VT201 Input Ch1: EPD Tac Diff
Entries 328634
Tac

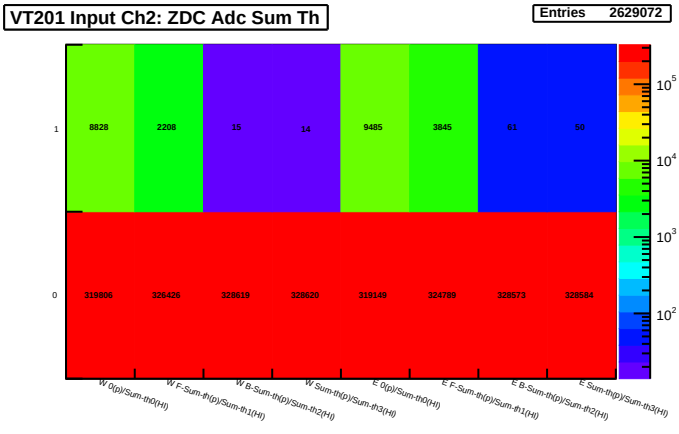

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

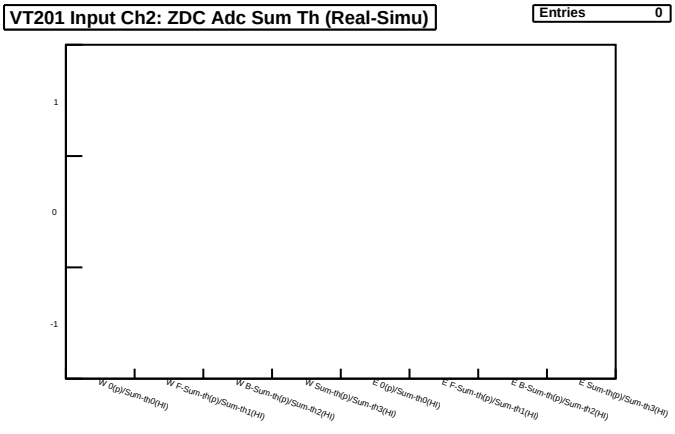

VT201 Input Ch1: EPD Hit Count Th
Entries 657268
326821
326814
1813
1820
East
West

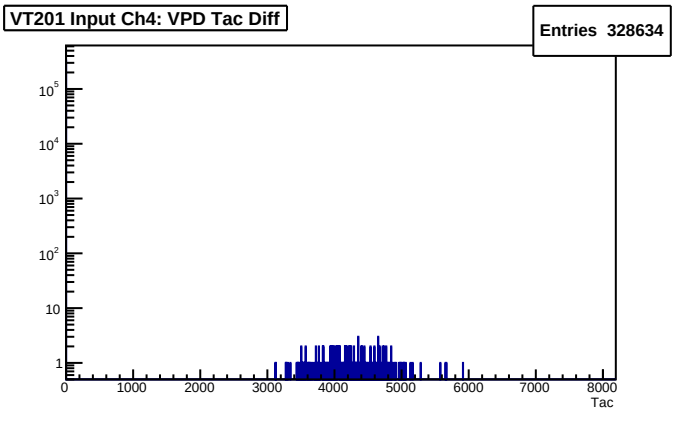

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

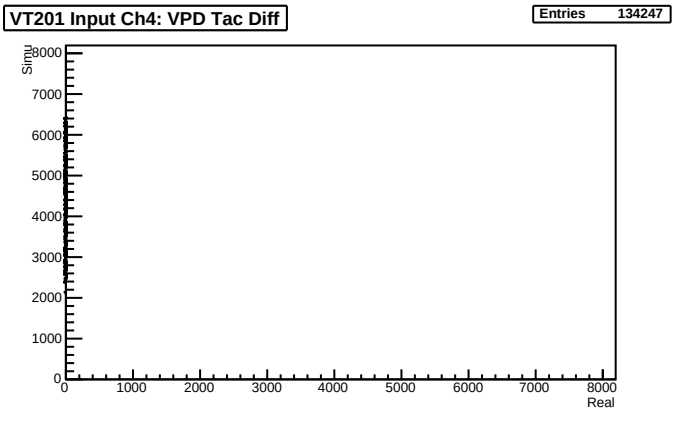

VT201 Input Ch2: ZDC Tac Diff
Entries 328634
Tac

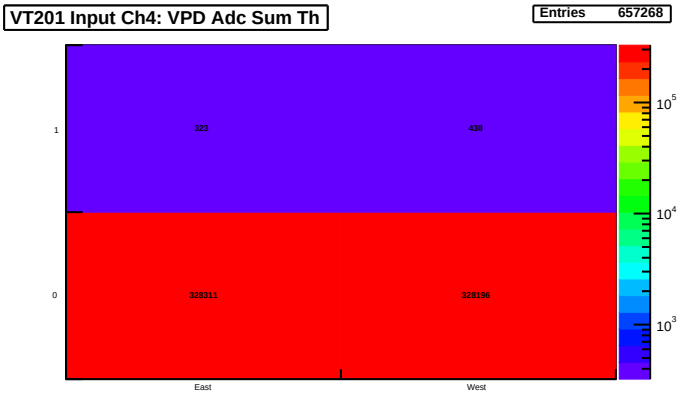

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

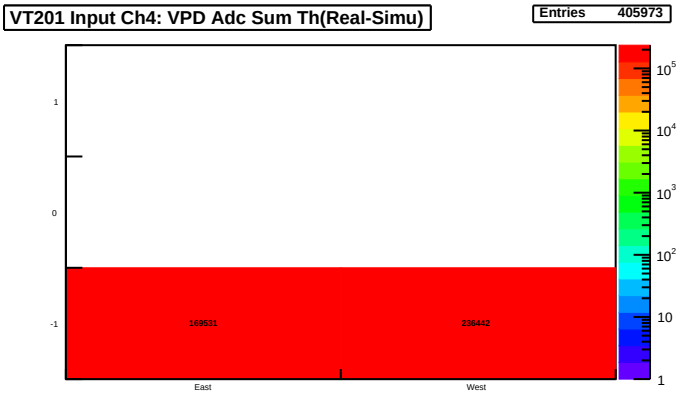

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2629072
8828
2208
15
14
9485
3845
61
50
319806
326426
328619
328620
319149
324789
328573
328584
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

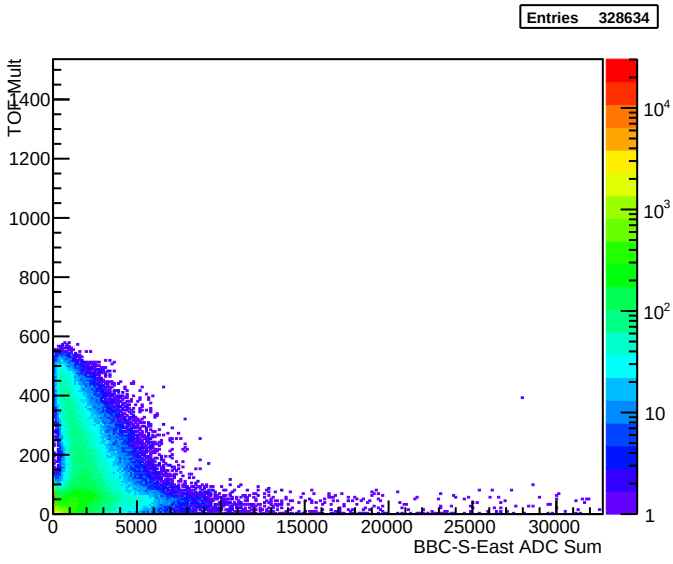

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

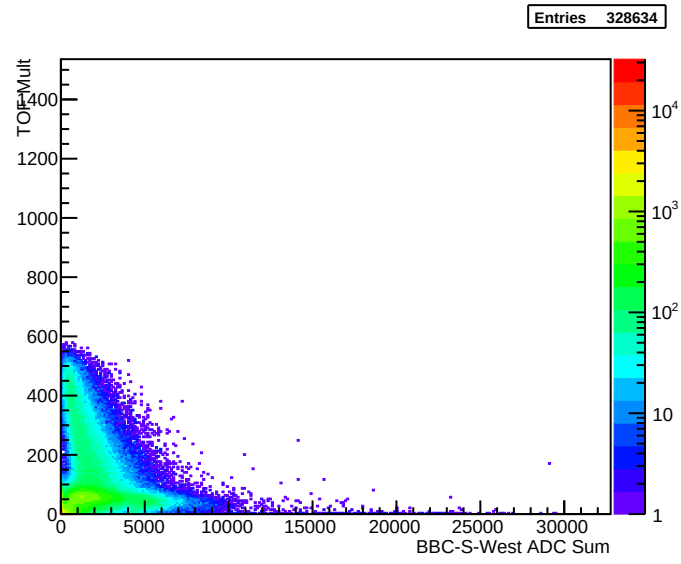

VT201 Input Ch4: VPD Tac Diff
Entries 328634
Tac

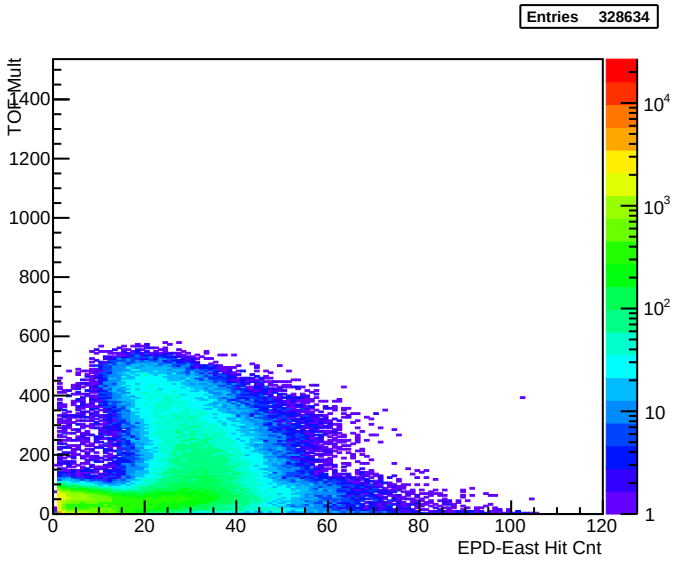

VT201 Input Ch4: VPD Tac Diff
Entries 134247
Simu
Real

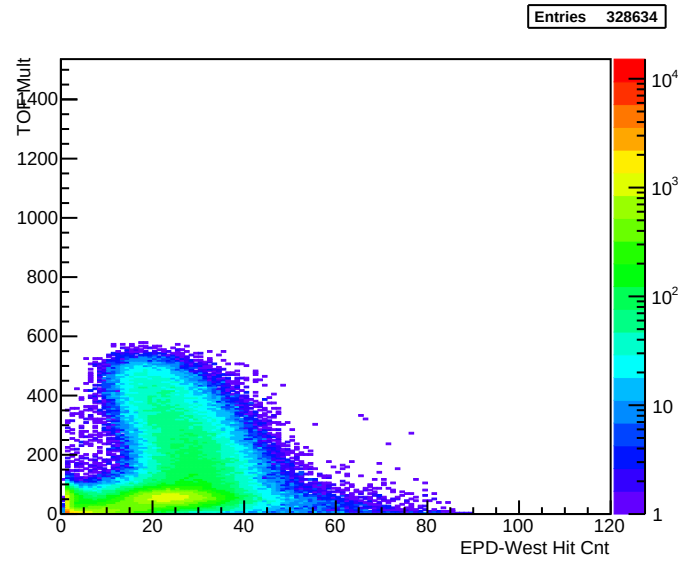

VT201 Input Ch4: VPD Adc Sum Th
Entries 657268
323
438
328311
328196
East
West

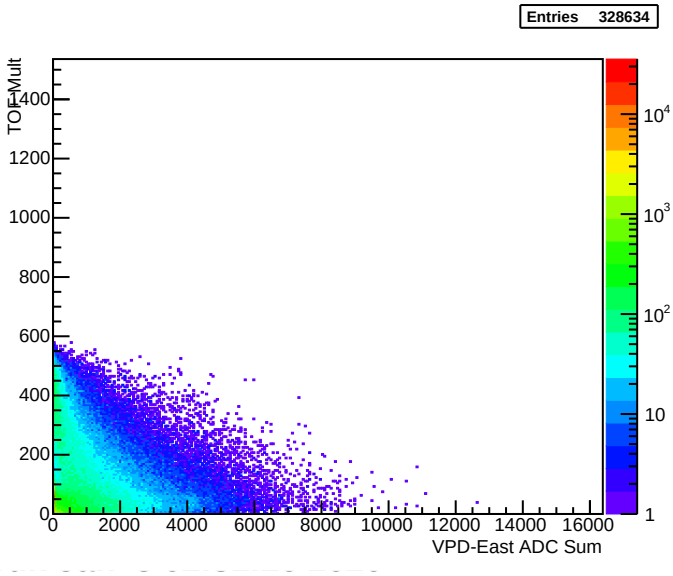

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 405973
169531
236442
East
West

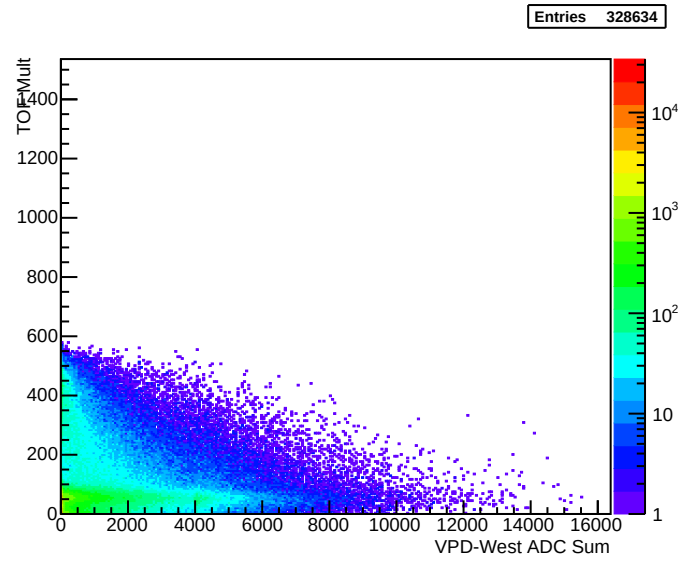

Entries 328634
TOF-Mult
BBC-S-East ADC Sum

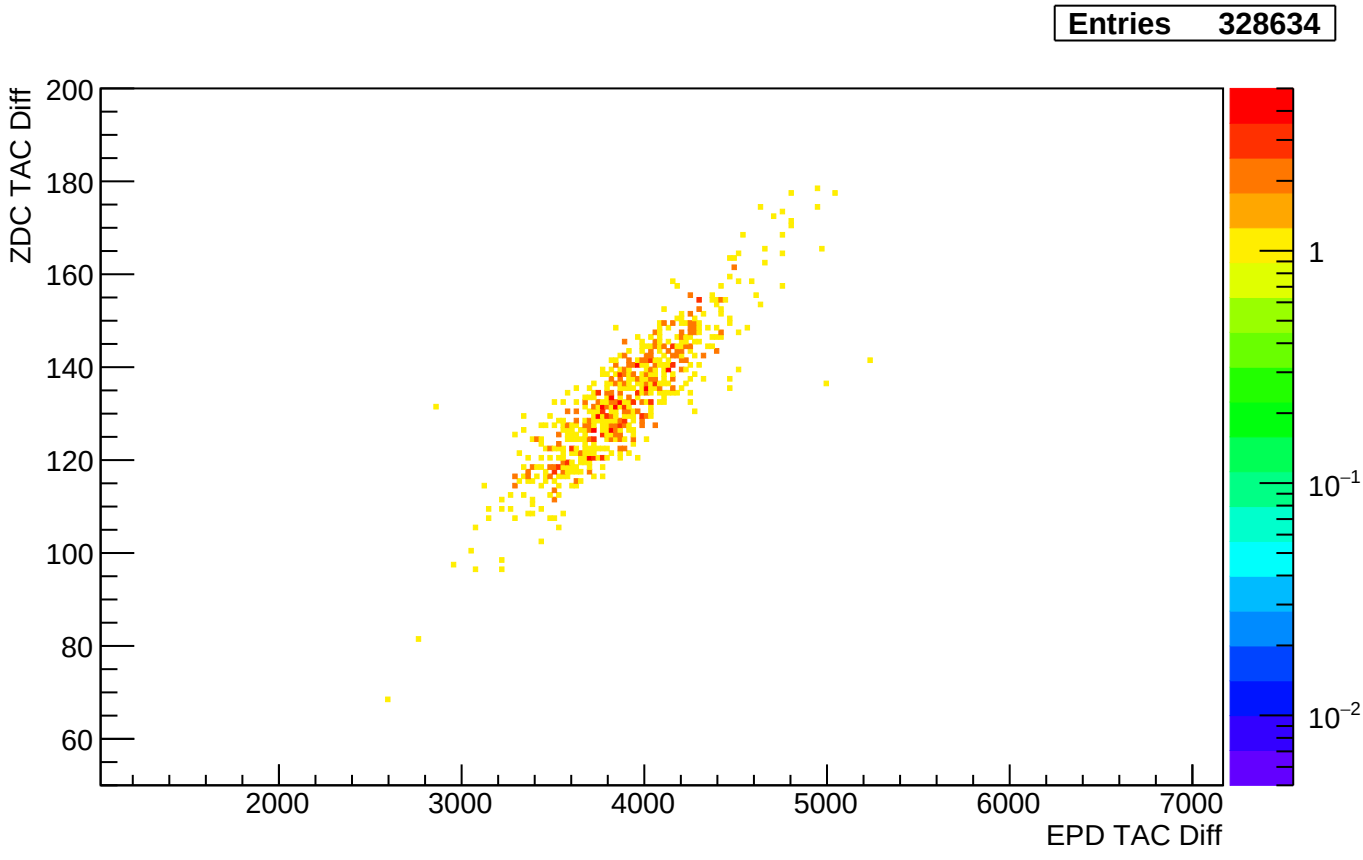

Entries 328634
TOF-Mult
BBC-S-West ADC Sum

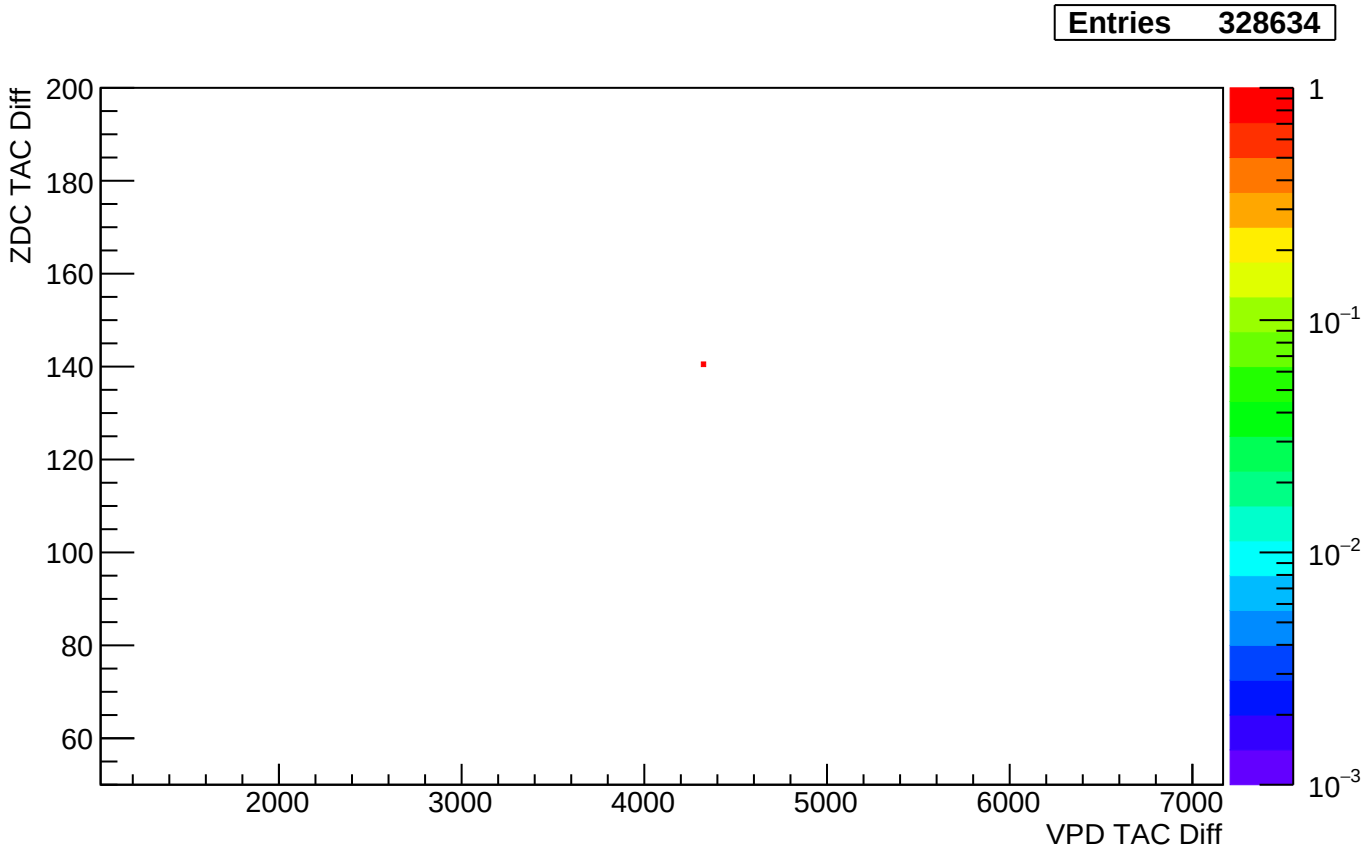

Entries 328634
TOF-Mult
EPD-East Hit Cnt

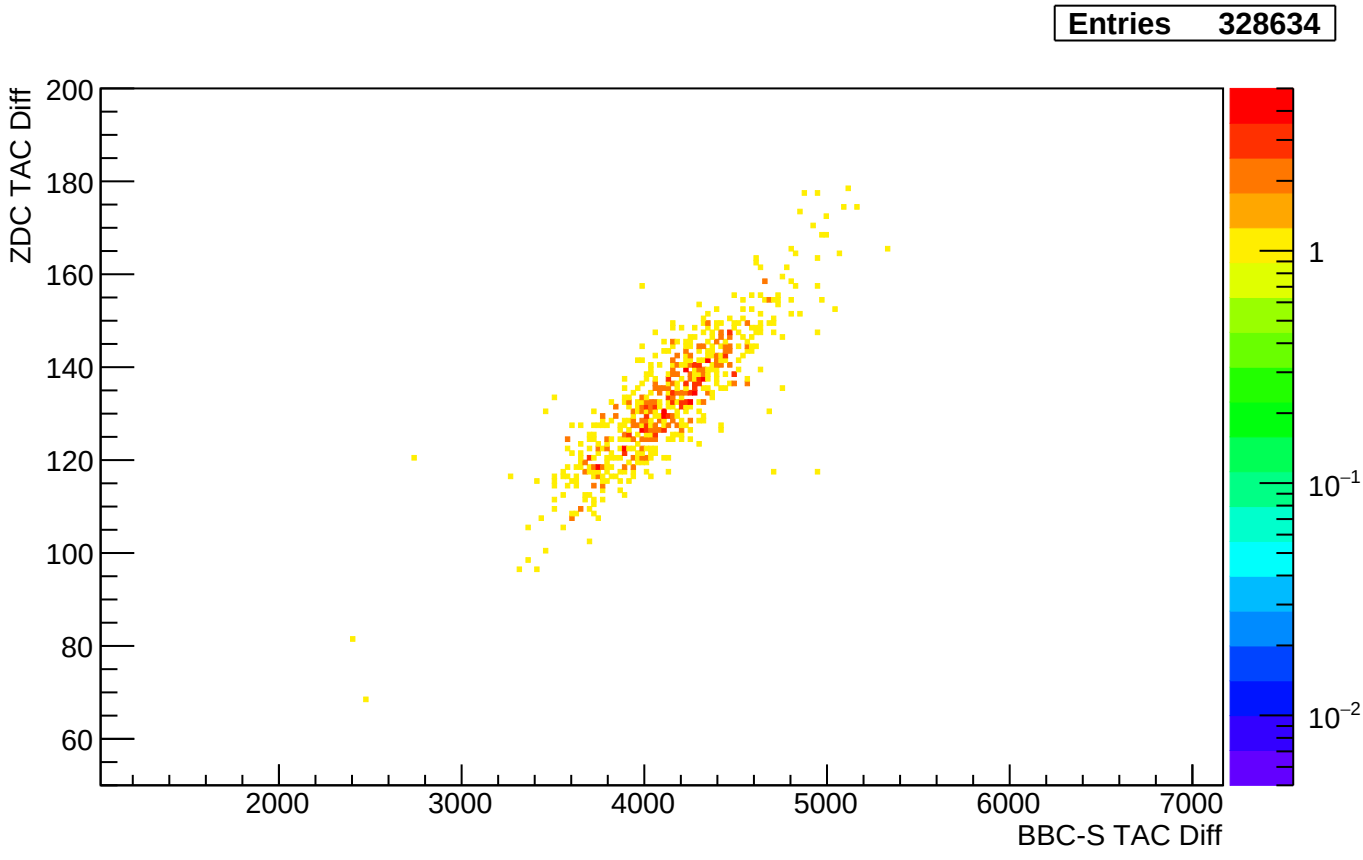

Entries 328634
TOF-Mult
EPD-West Hit Cnt

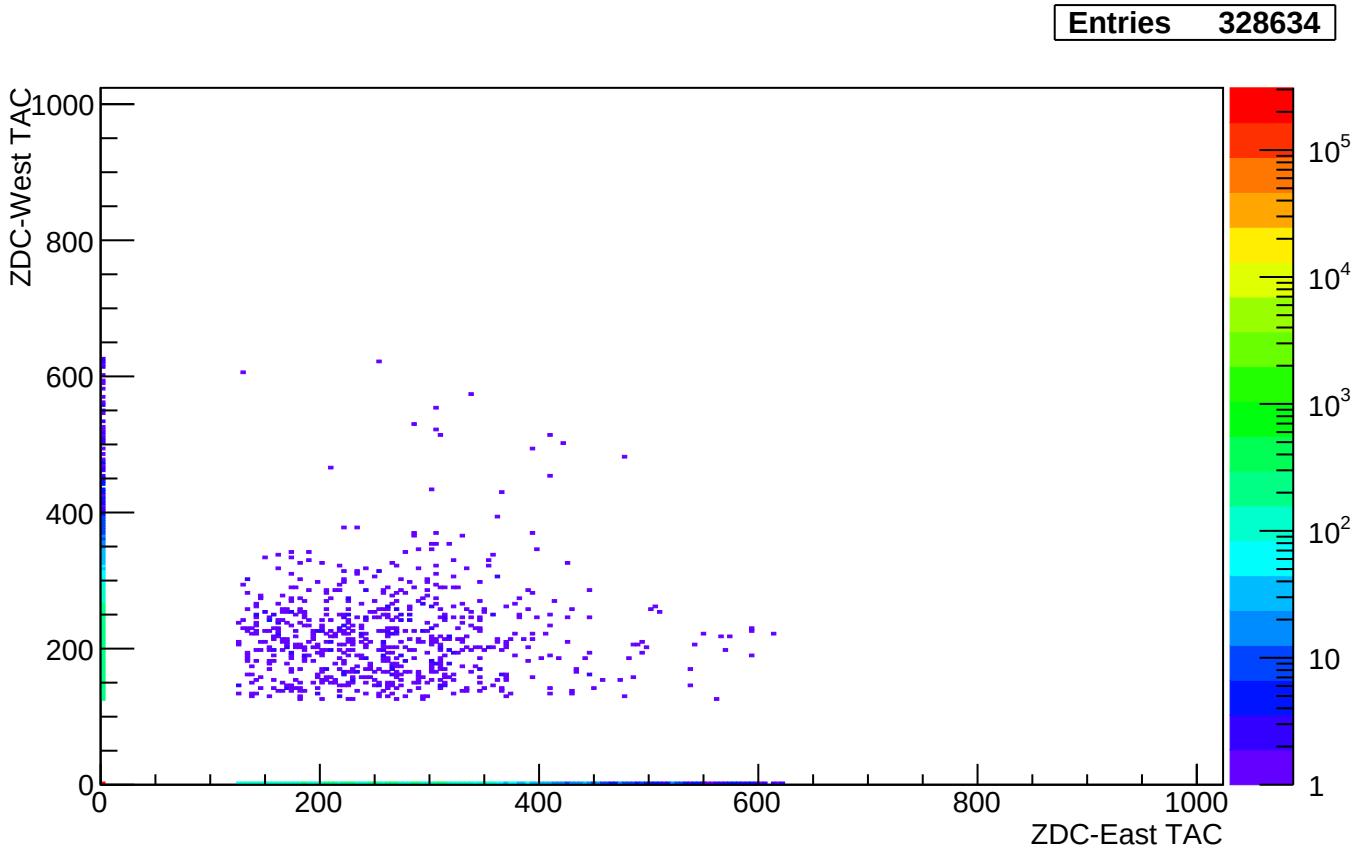

Entries 328634
TOF-Mult
VPD-East ADC Sum

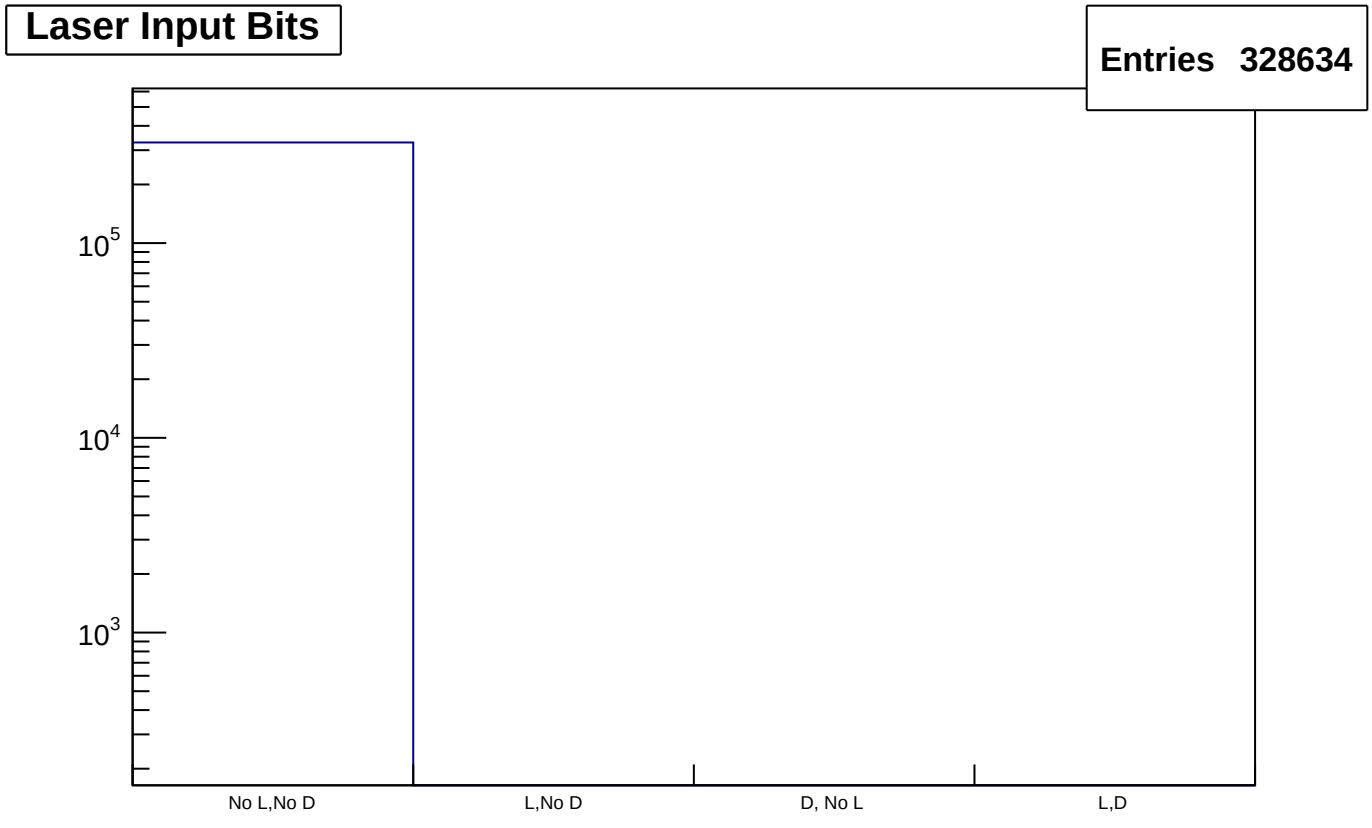

Entries 328634
TOF-Mult
VPD-West ADC Sum

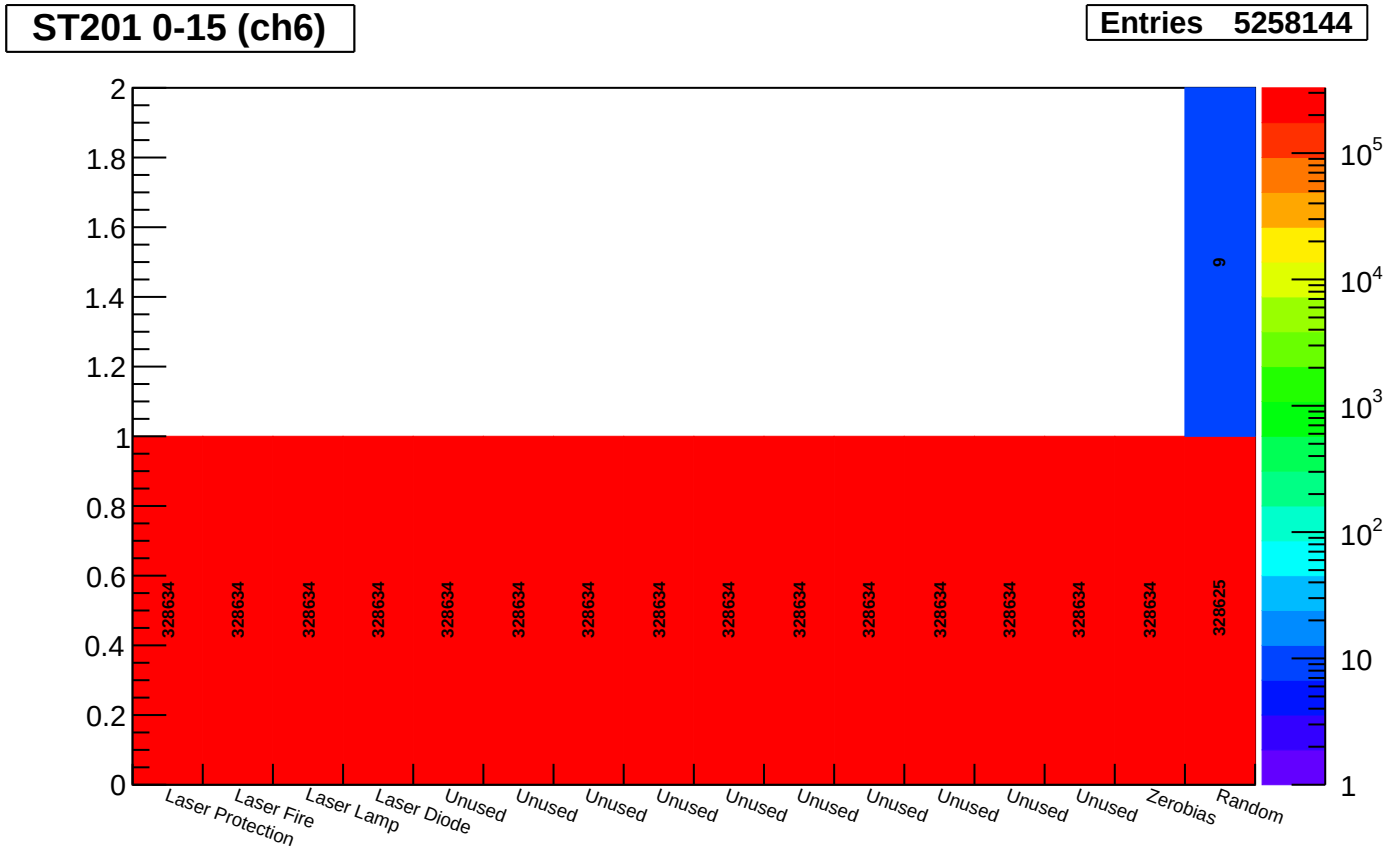

Entries 328634
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

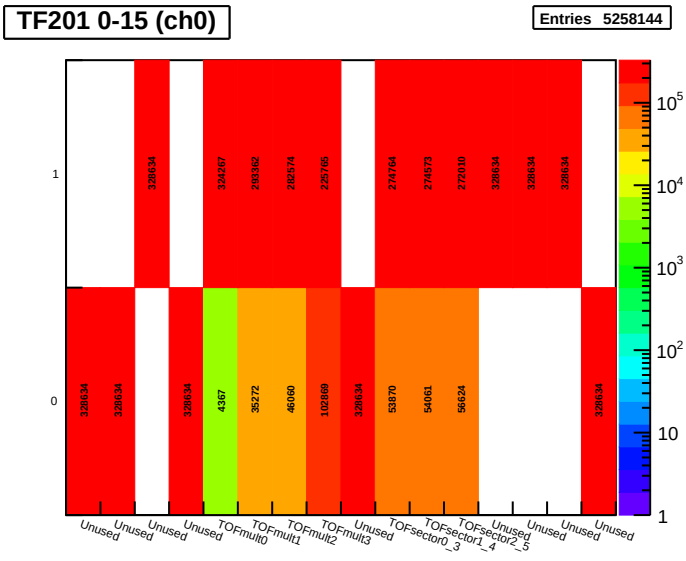

Entries 328634
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

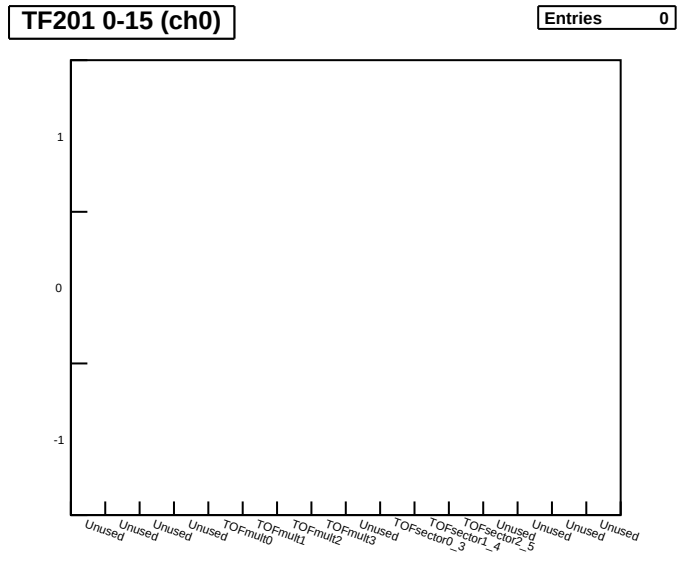

Entries 328634
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

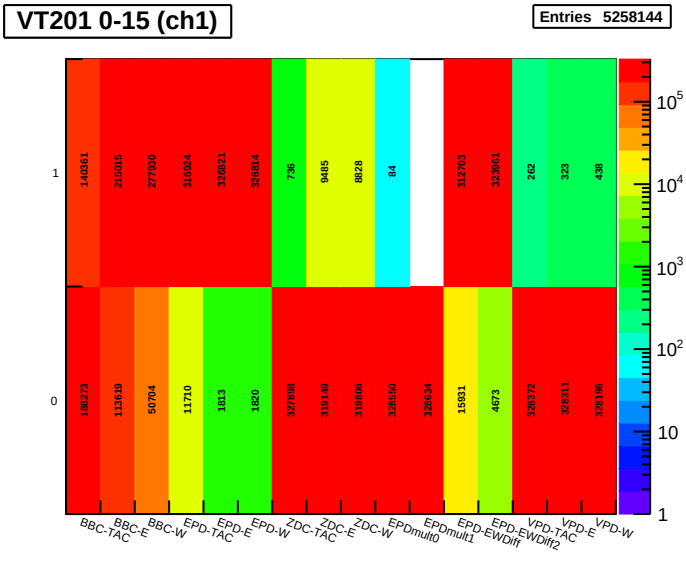

Entries 328634
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

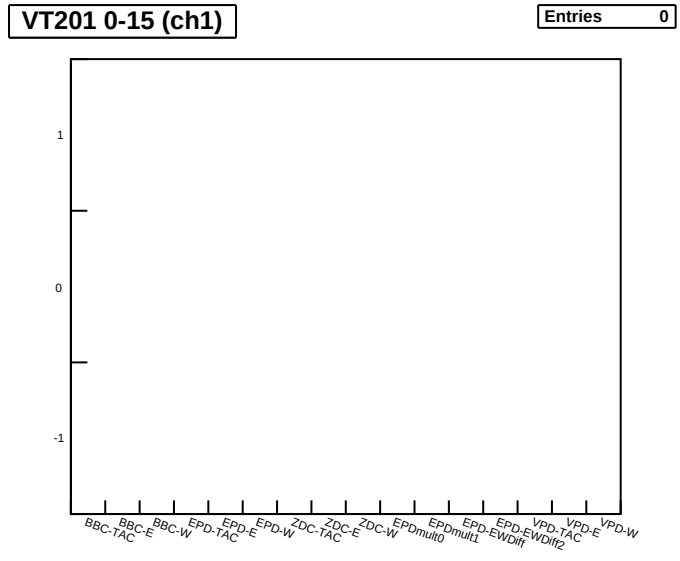

Laser Input Bits
Entries 328634
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

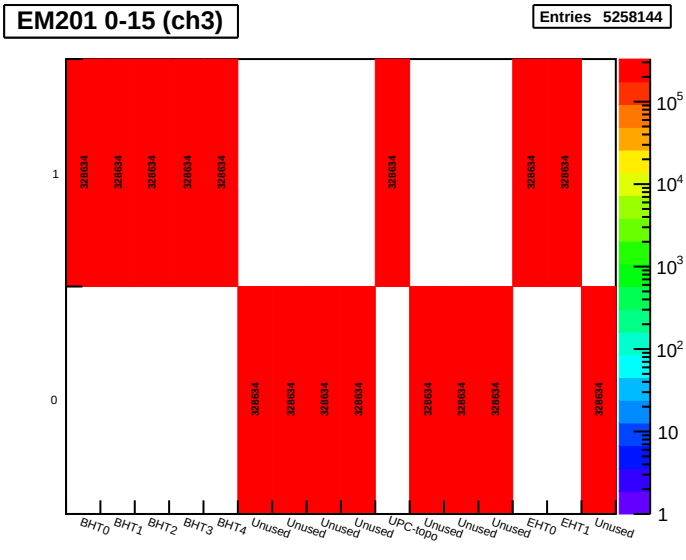

ST201 0-15 (ch6)
Entries 5258144
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
328634
328625
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

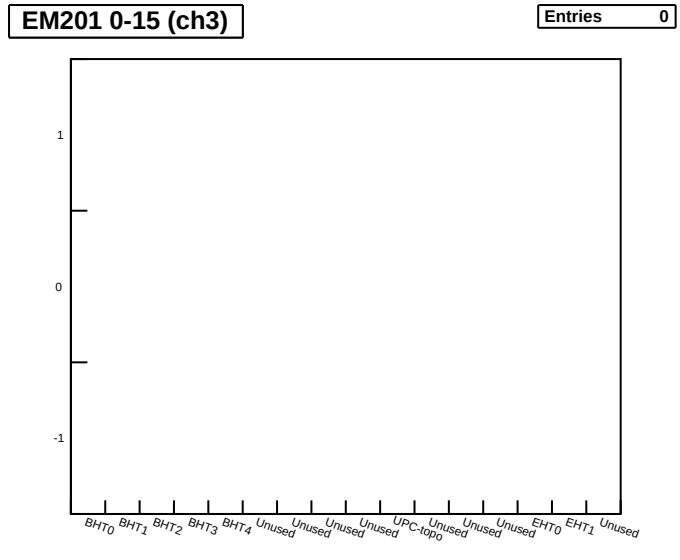

TF201 0-15 (ch0)
Entries 5258144
1
0
328634
324267
293362
282574
225765
274764
274573
272010
328634
328634
328634
328634
328634
328634
4367
35272
46060
102869
328634
53870
54061
56624
328634
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 5258144
1
0
140361
215015
277930
316924
326821
326814
736
9485
8828
84
312703
323961
262
323
438
118273
113619
50704
11710
1813
1820
327898
319149
319806
328550
328634
15931
4673
328372
328311
328196
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 5258144
1
0
328634
328634
328634
328634
328634
328634
328634
328634
328634
328634
328634
328634
328634
328634
328634
328634
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