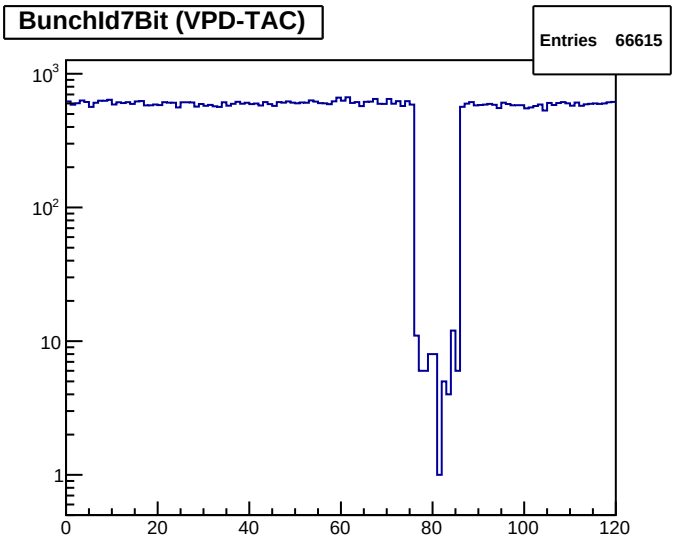
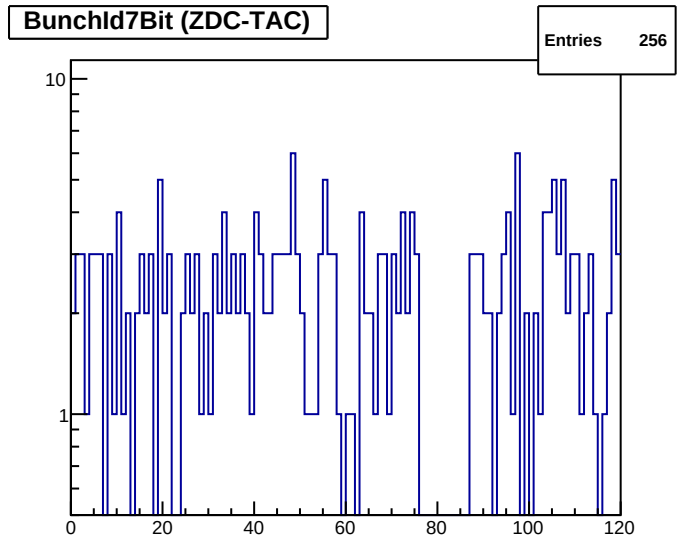
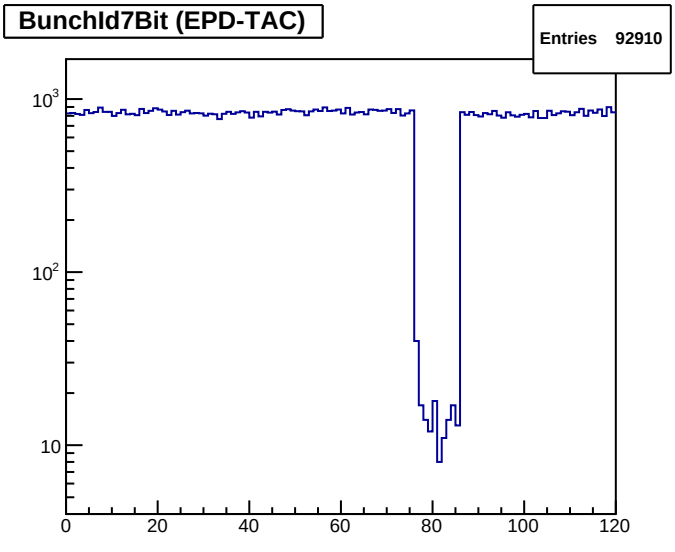
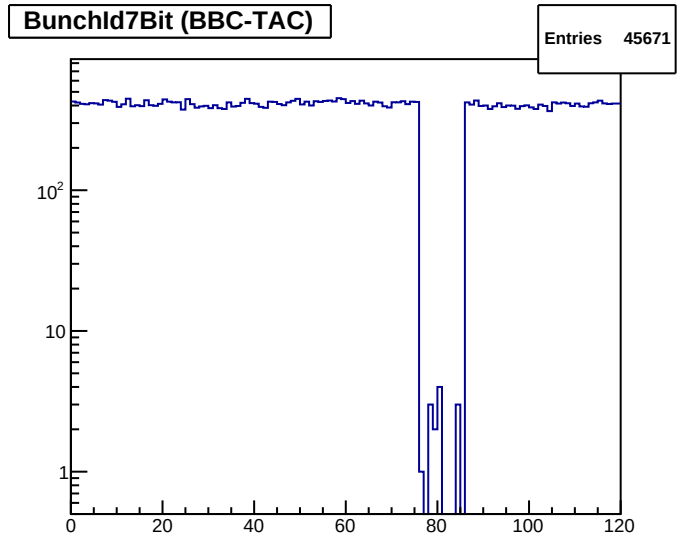
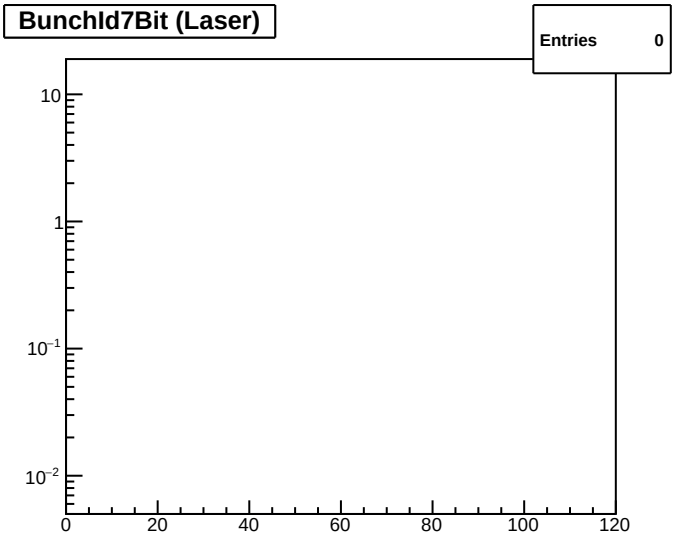
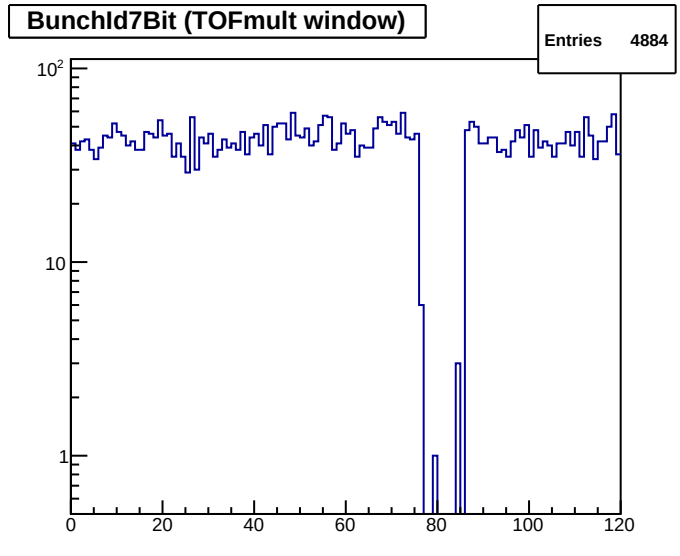

BunchId7Bit (VPD-TAC)
Entries 66615

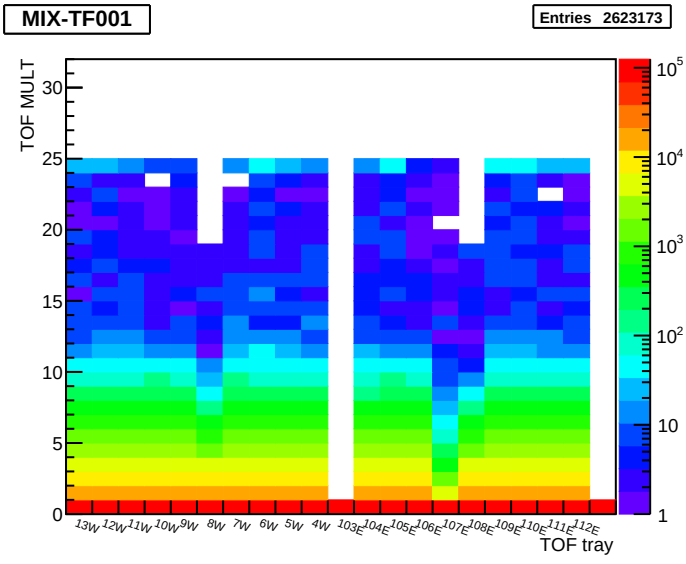

BunchId7Bit (ZDC-TAC)
Entries 256

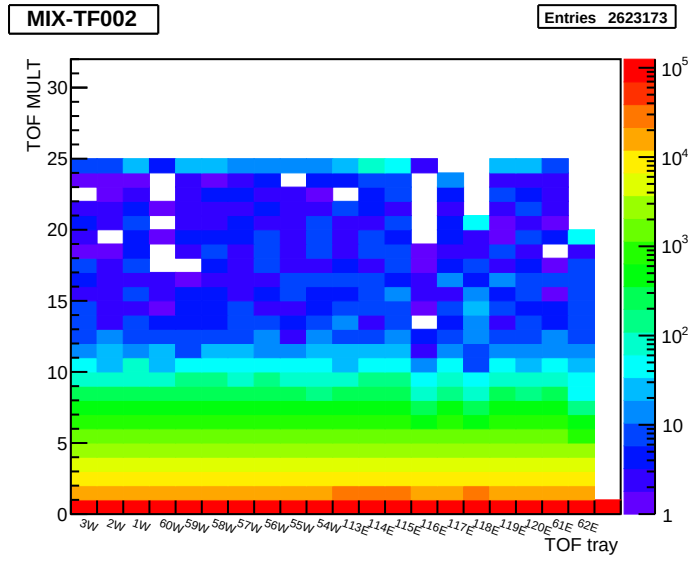

BunchId7Bit (EPD-TAC)
Entries 92910

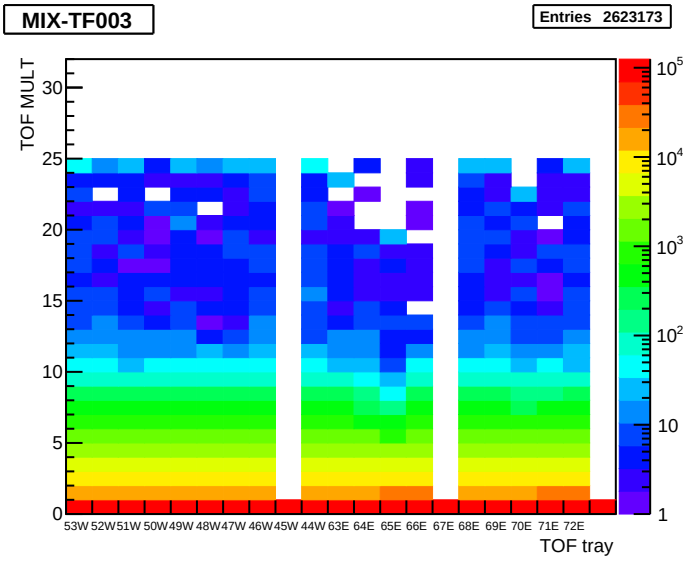

BunchId7Bit (BBC-TAC)
Entries 45671

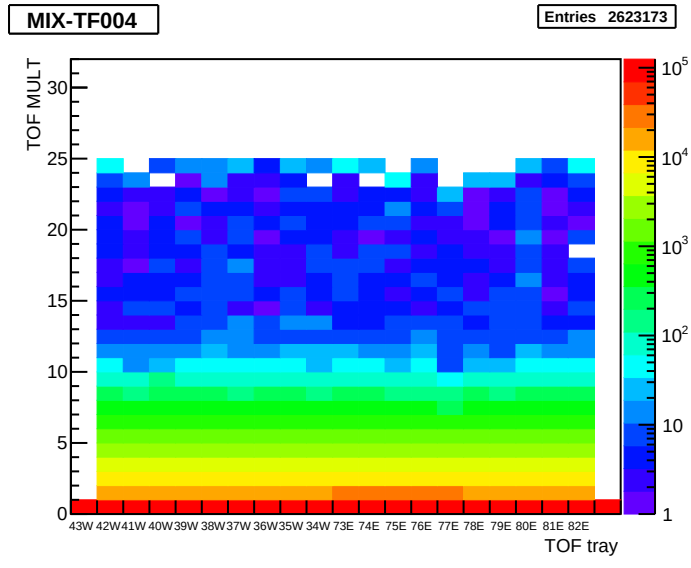

BunchId7Bit (Laser)
Entries 0

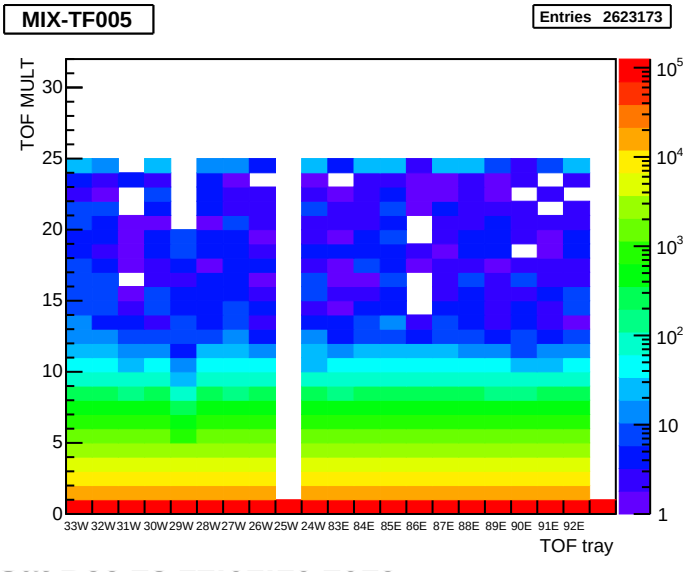

BunchId7Bit (TOFmult window)
Entries 4884

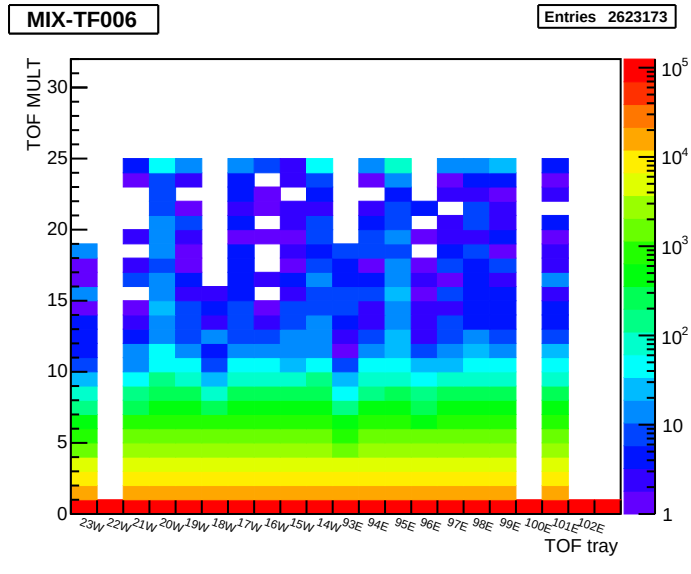

MIX-TF001
Entries 2623173
TOF MULT
TOF tray

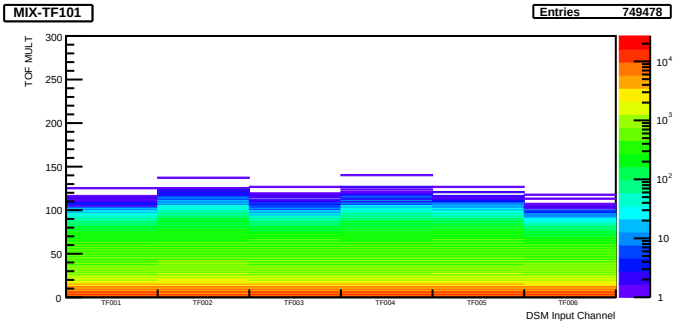

MIX-TF002
Entries 2623173
TOF MULT
TOF tray

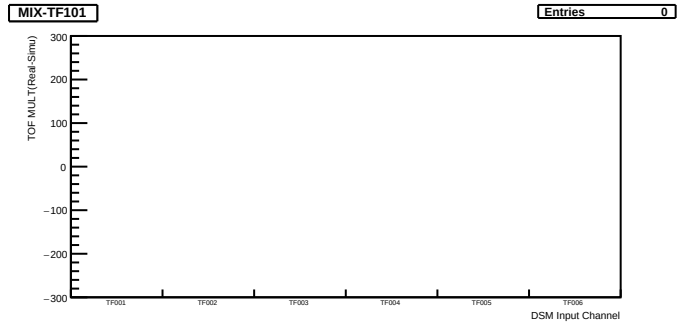

MIX-TF003
Entries 2623173
TOF MULT
TOF tray

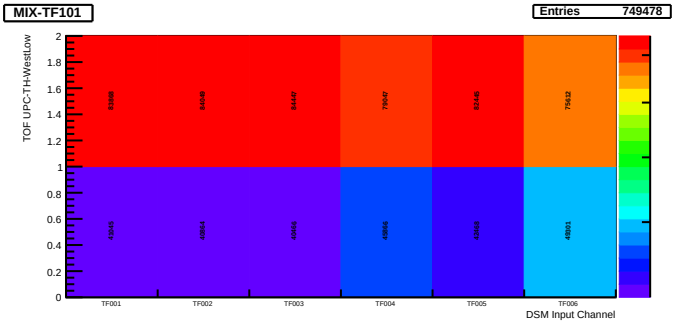

MIX-TF004
Entries 2623173
TOF MULT
TOF tray

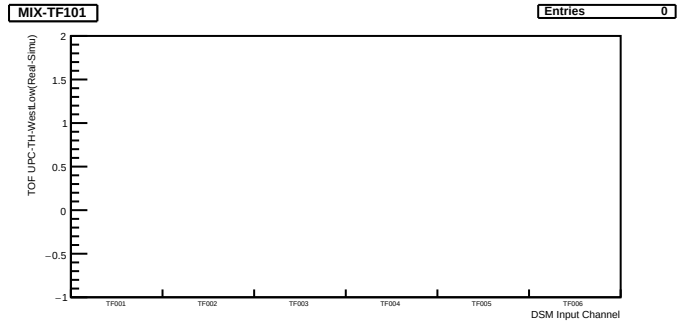

MIX-TF005
Entries 2623173
TOF MULT
TOF tray

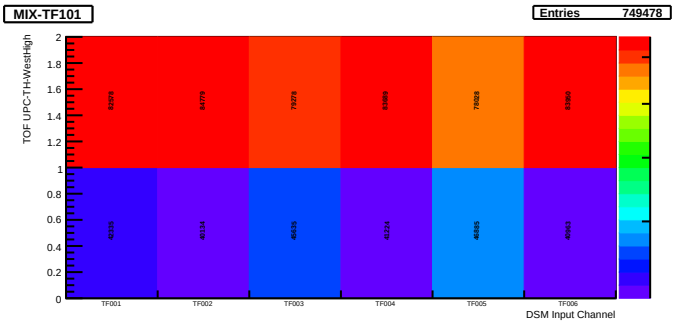

MIX-TF006
Entries 2623173
TOF MULT
TOF tray

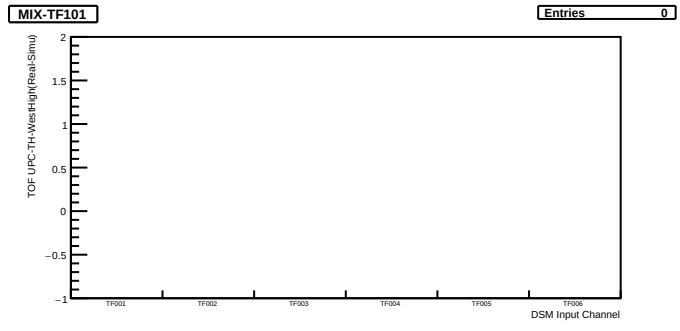

MIX-TF101
Entries 749478
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

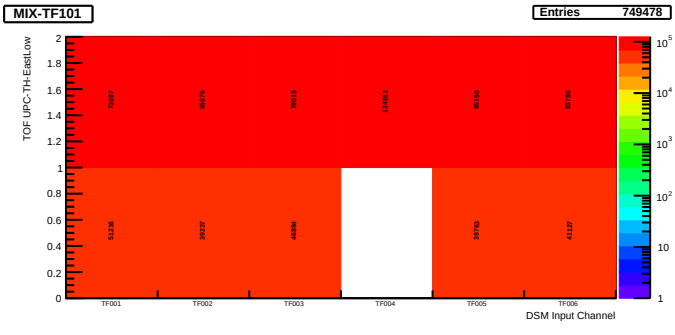

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

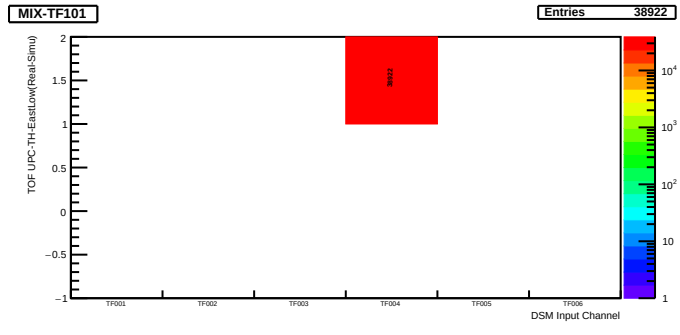

MIX-TF101
Entries 749478
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

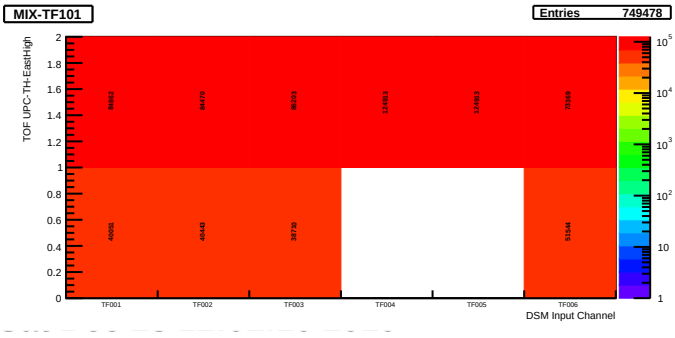

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

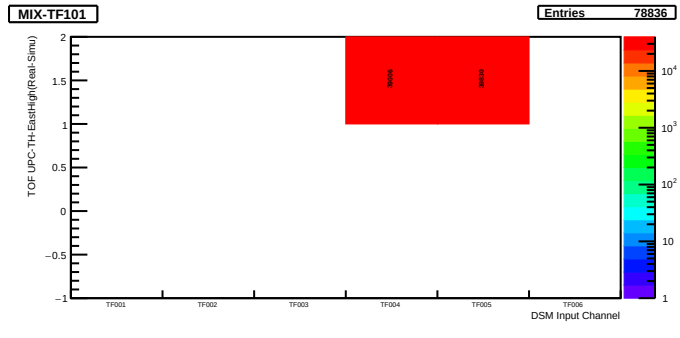

MIX-TF101
Entries 749478
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

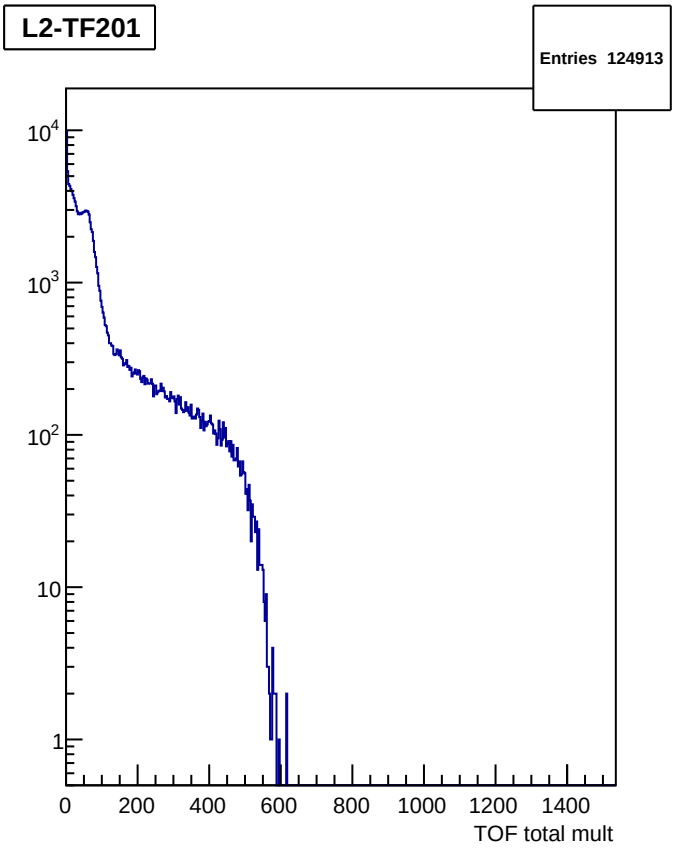

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

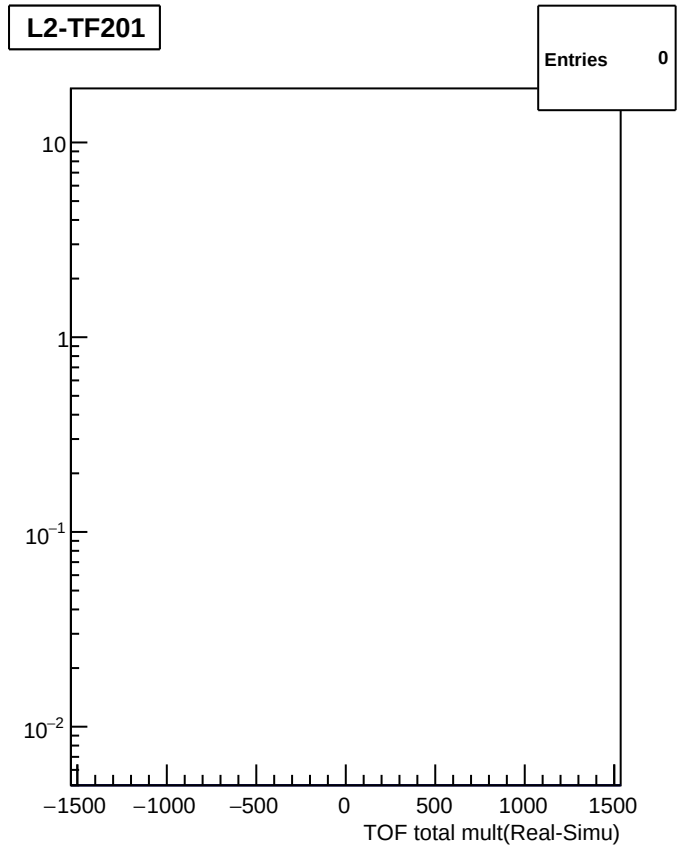

MIX-TF101
Entries 749478
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

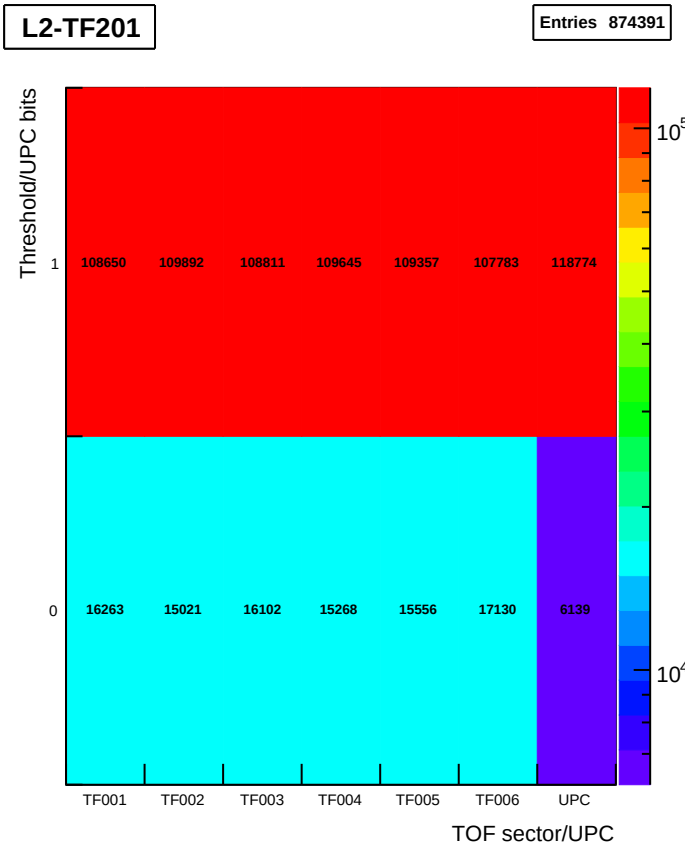

MIX-TF101
Entries 38922
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

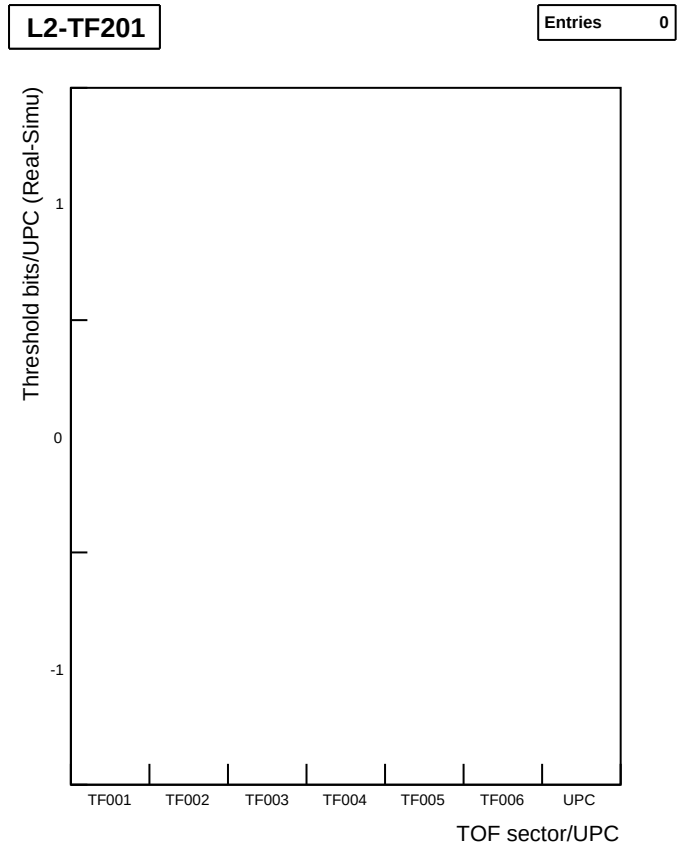

MIX-TF101
Entries 749478
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

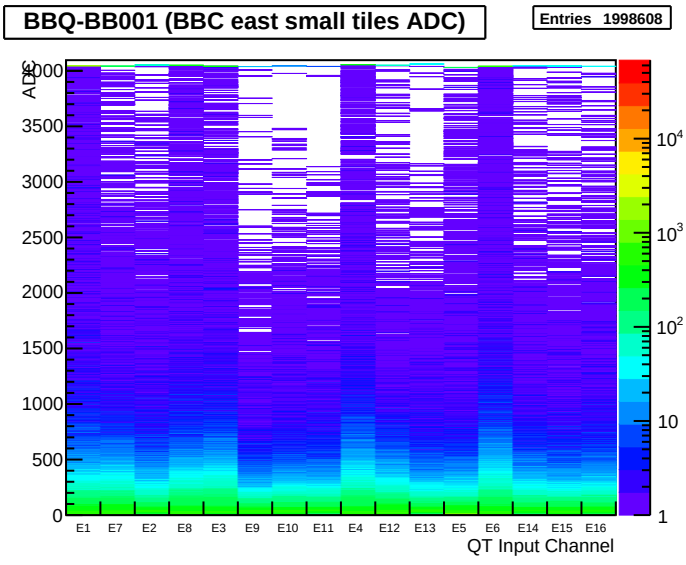

MIX-TF101
Entries 78836
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

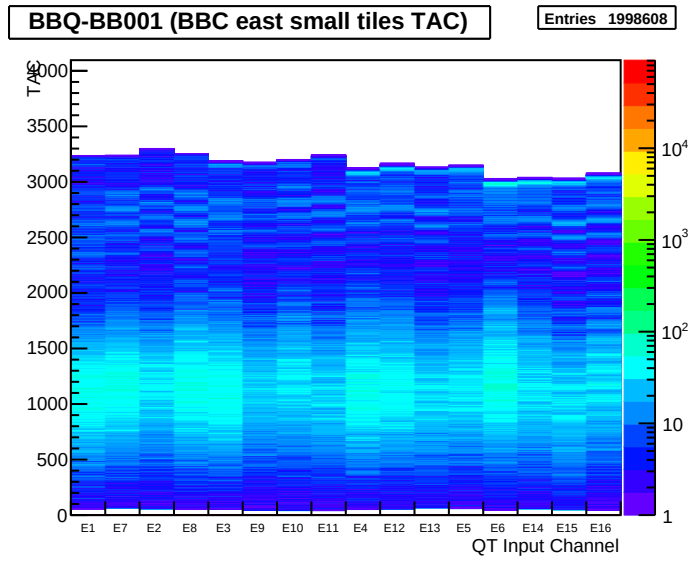

L2-TF201
Entries 124913
TOF total mult

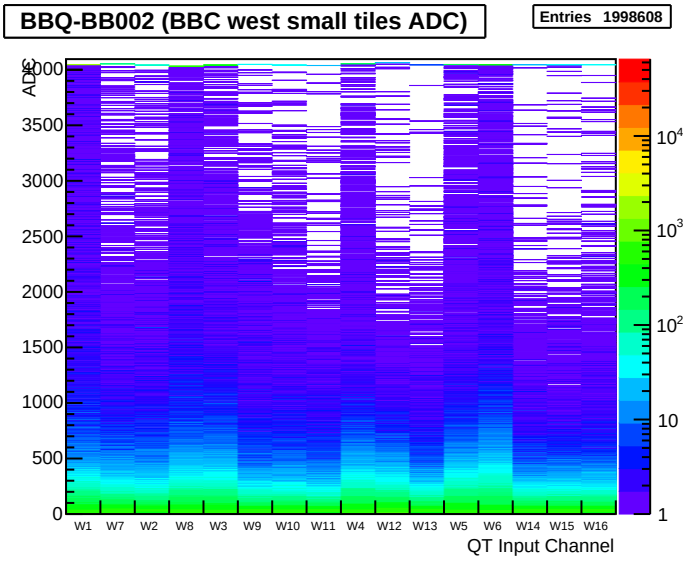

L2-TF201
Entries 0
TOF total mult(Real-Simu)

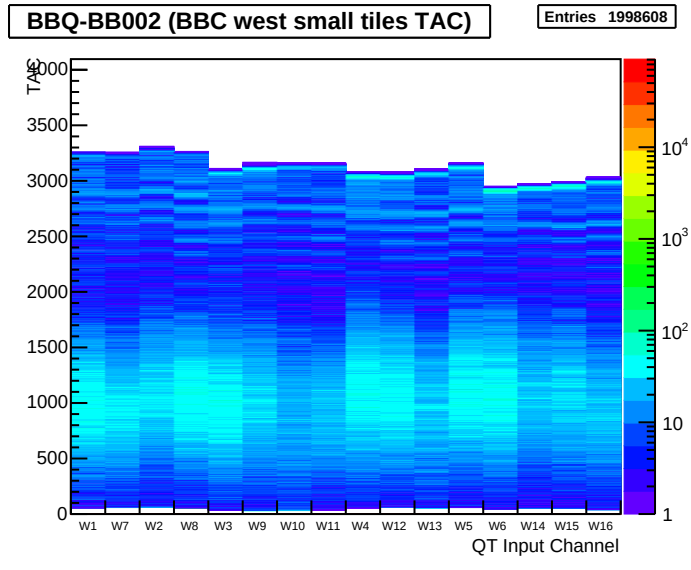

L2-TF201
Entries 874391
Threshold/UPC bits
108650 109892 108811 109645 109357 107783 118774
16263 15021 16102 15268 15556 17130 6139
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

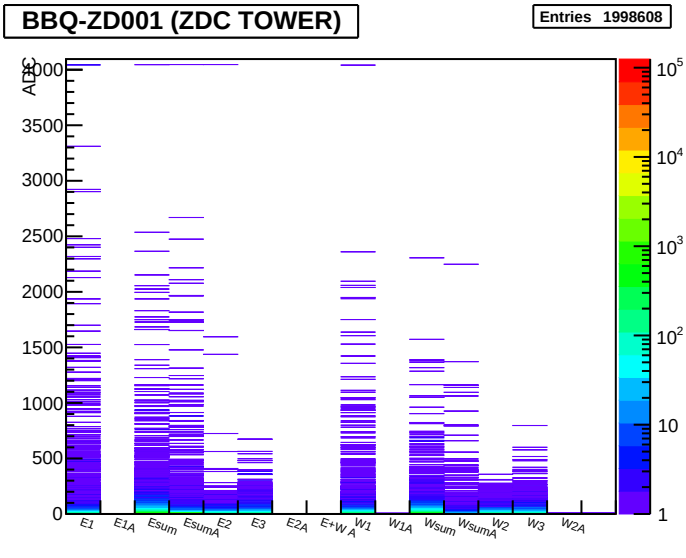

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

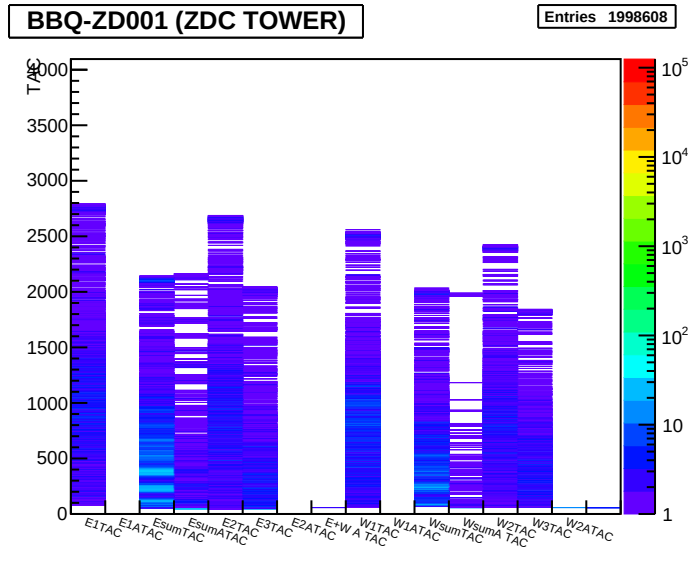

BBQ-BB001 (BBC east small tiles ADC)
Entries 1998608
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

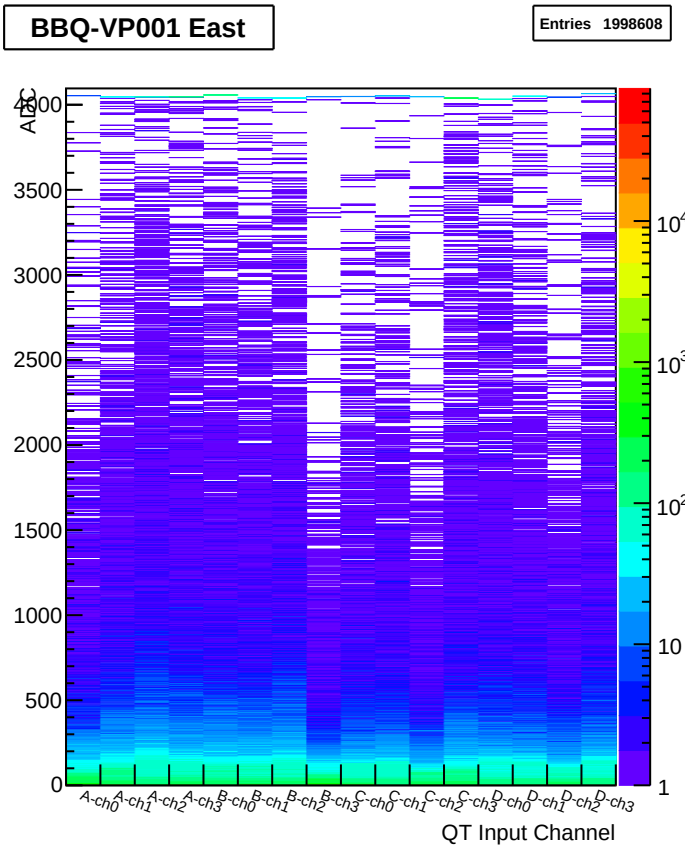

BBQ-BB001 (BBC east small tiles TAC)
Entries 1998608
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

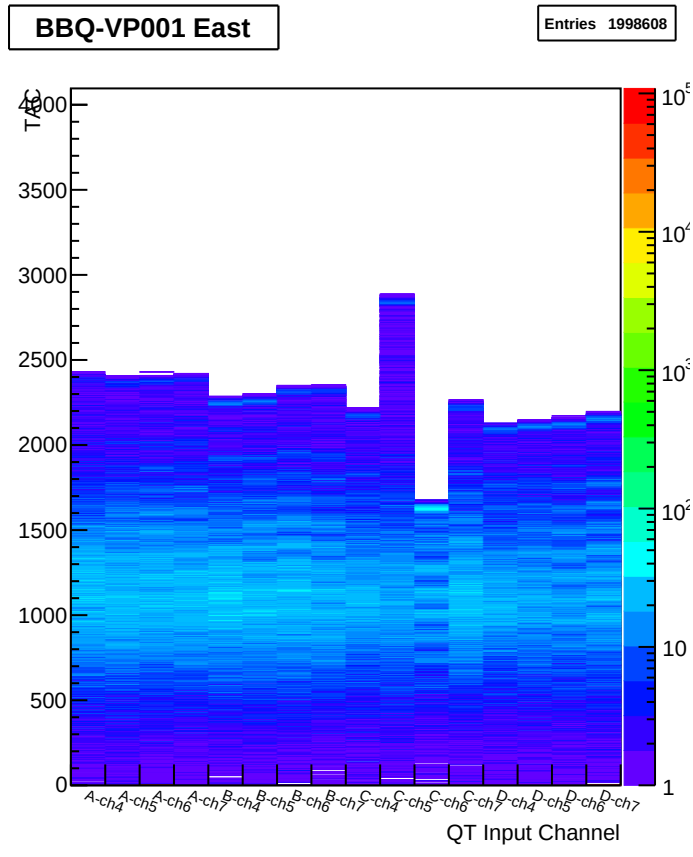

BBQ-BB002 (BBC west small tiles ADC)
Entries 1998608
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

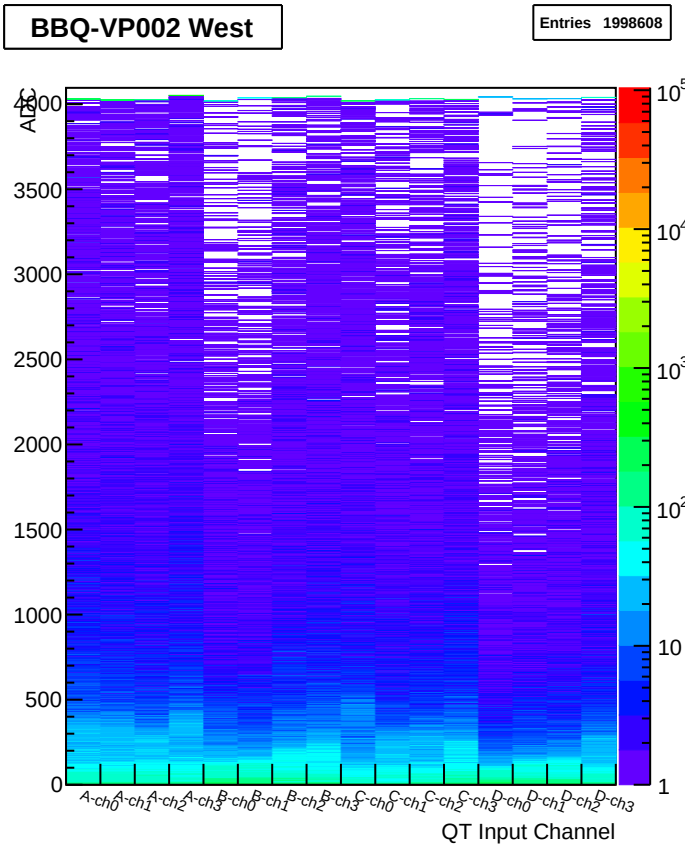

BBQ-BB002 (BBC west small tiles TAC)
Entries 1998608
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

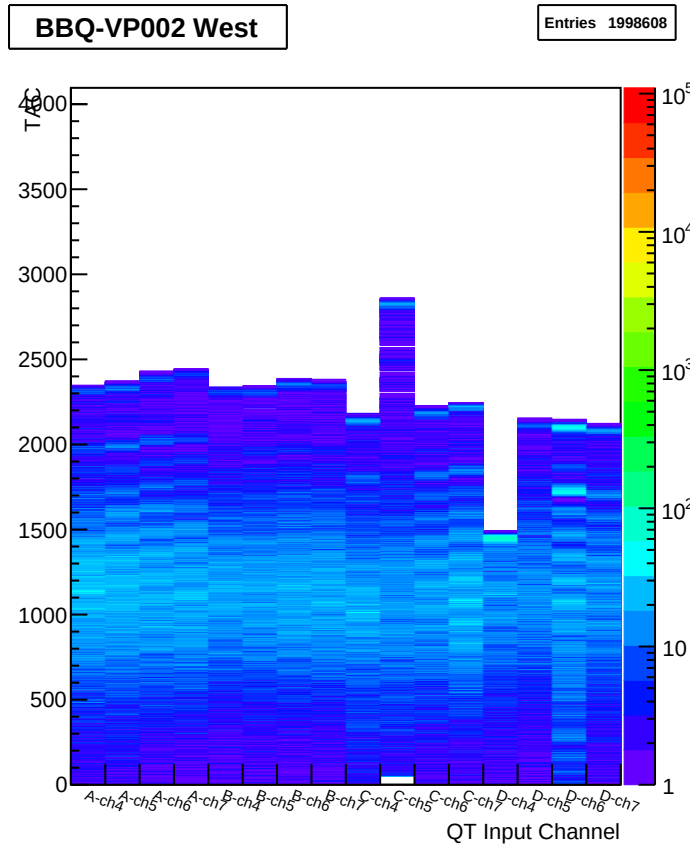

BBQ-ZD001 (ZDC TOWER)
Entries 1998608
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

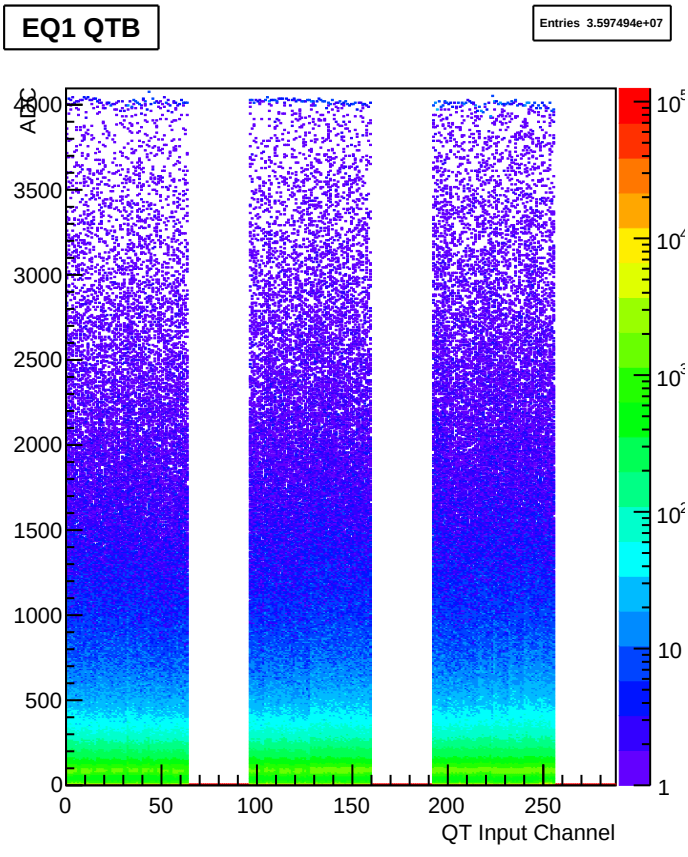

BBQ-ZD001 (ZDC TOWER)
Entries 1998608
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

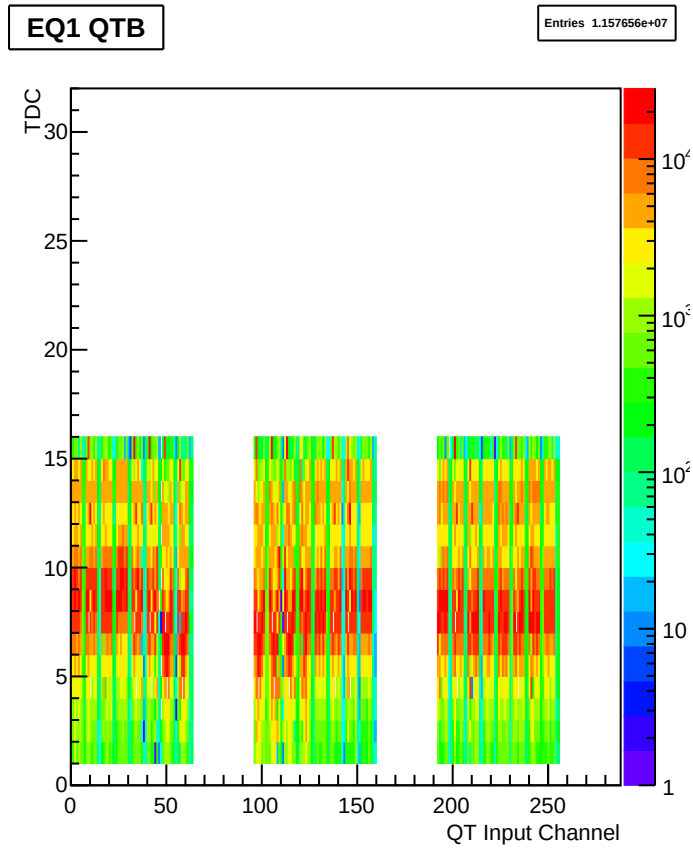

BBQ-VP001 East
Entries 1998608
ADC
QT Input Channel

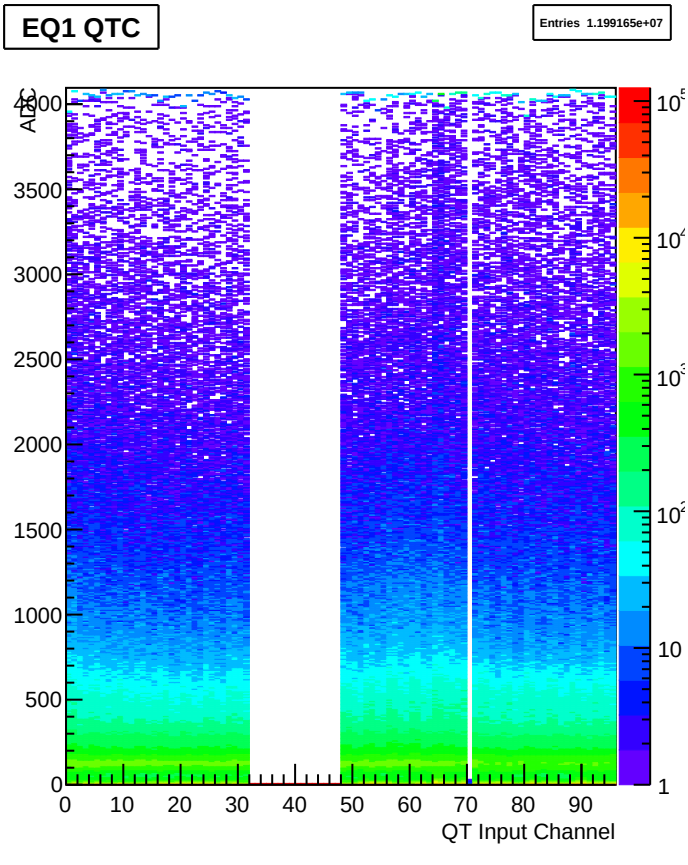

BBQ-VP001 East
Entries 1998608
TAC
QT Input Channel

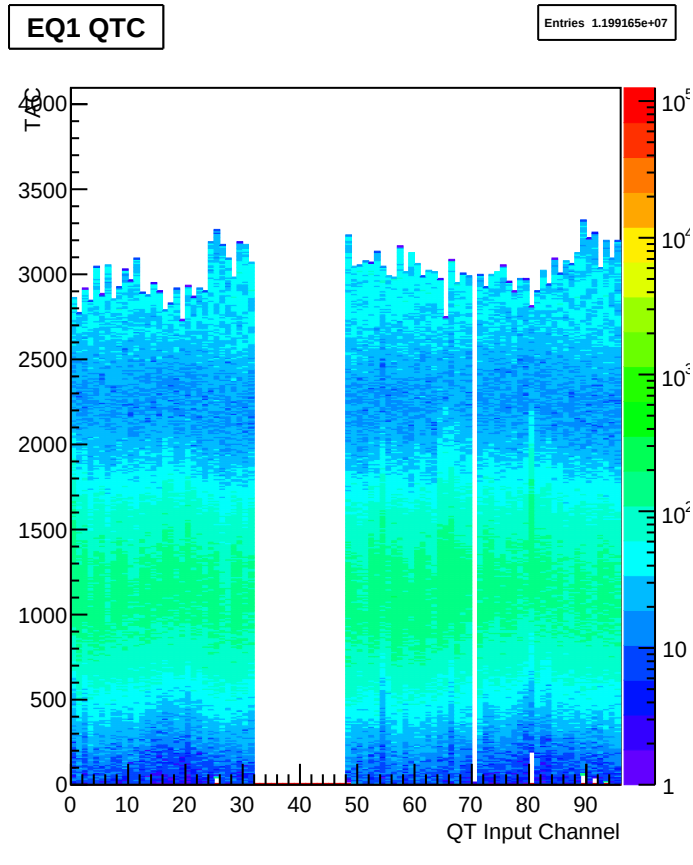

BBQ-VP002 West
Entries 1998608
ADC
QT Input Channel

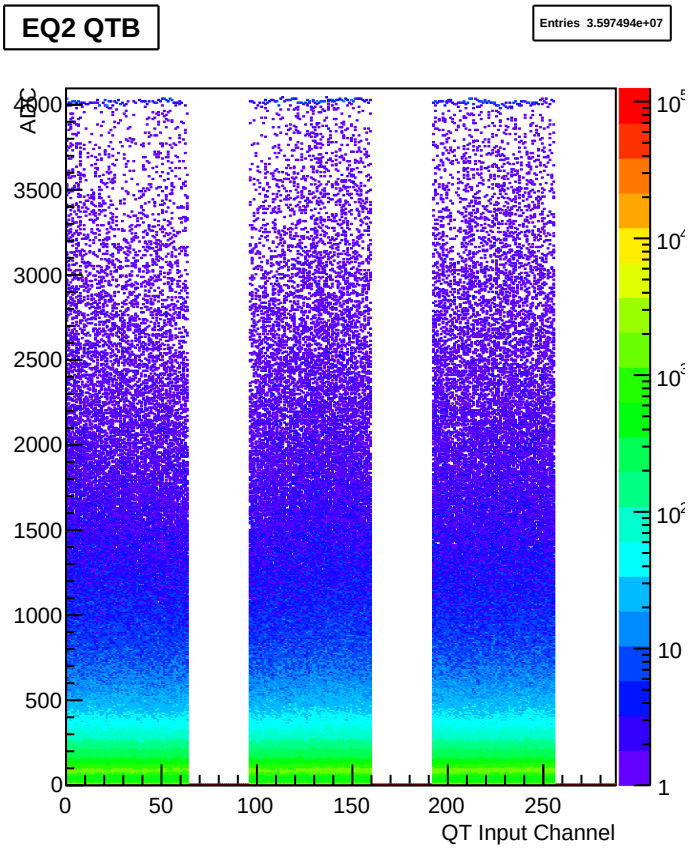

BBQ-VP002 West
Entries 1998608
TAC
QT Input Channel

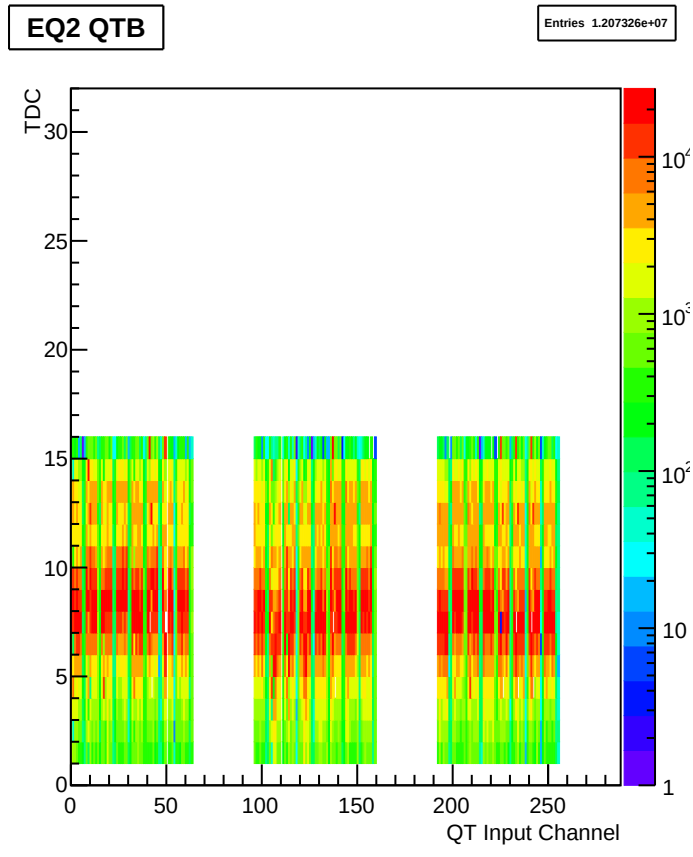

EQ1 QTB
Entries 3.597494e+07
ADC
QT Input Channel

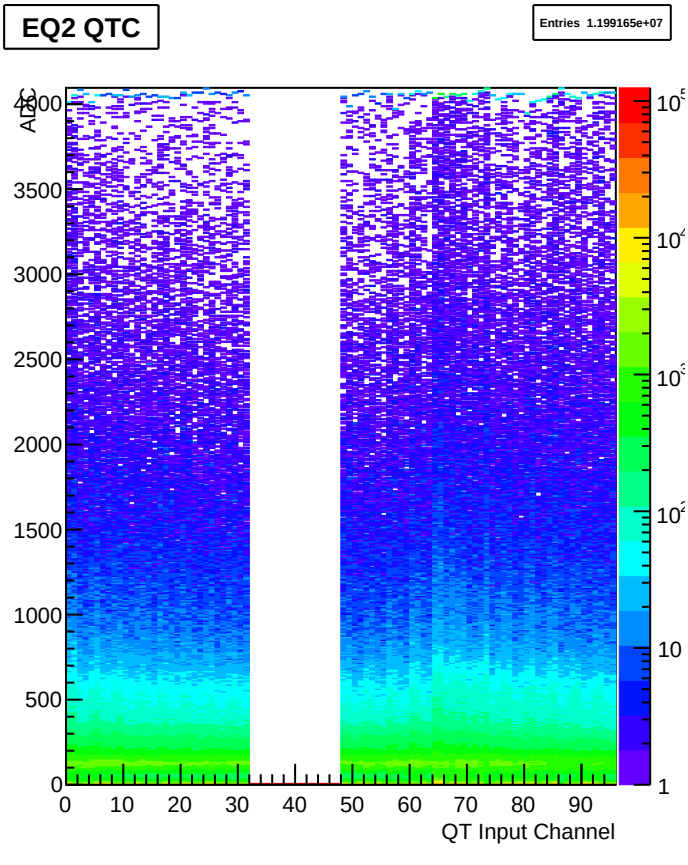

EQ1 QTB
Entries 1.157656e+07
TDC
QT Input Channel

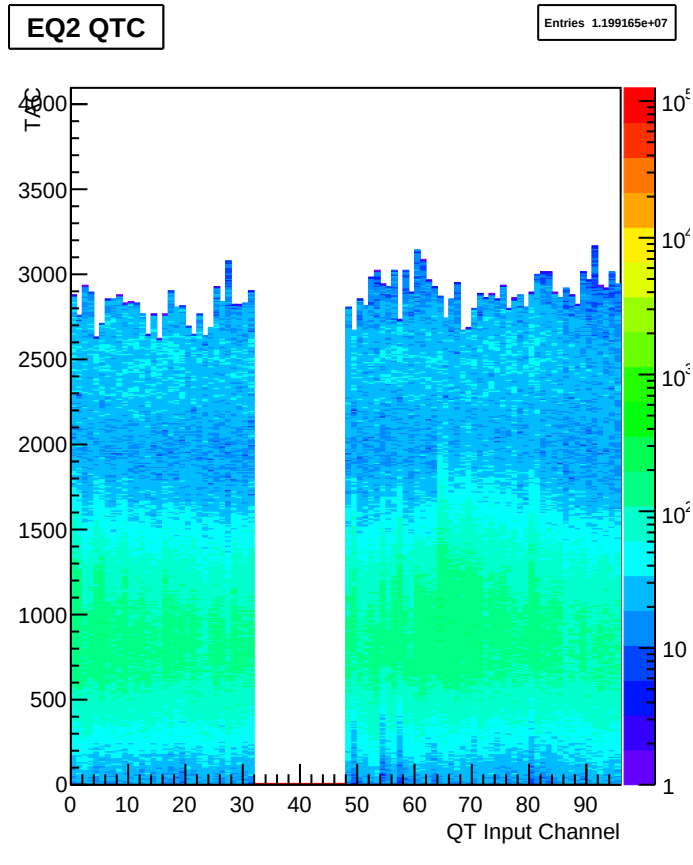

EQ1 QTC
Entries 1.199165e+07
ADC
QT Input Channel

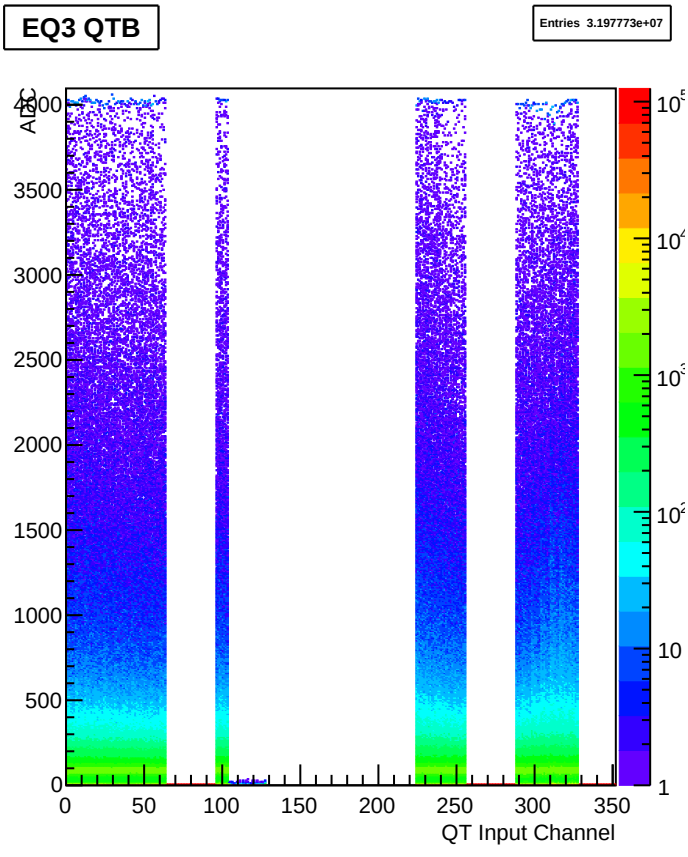

EQ1 QTC
Entries 1.199165e+07
TADC
QT Input Channel

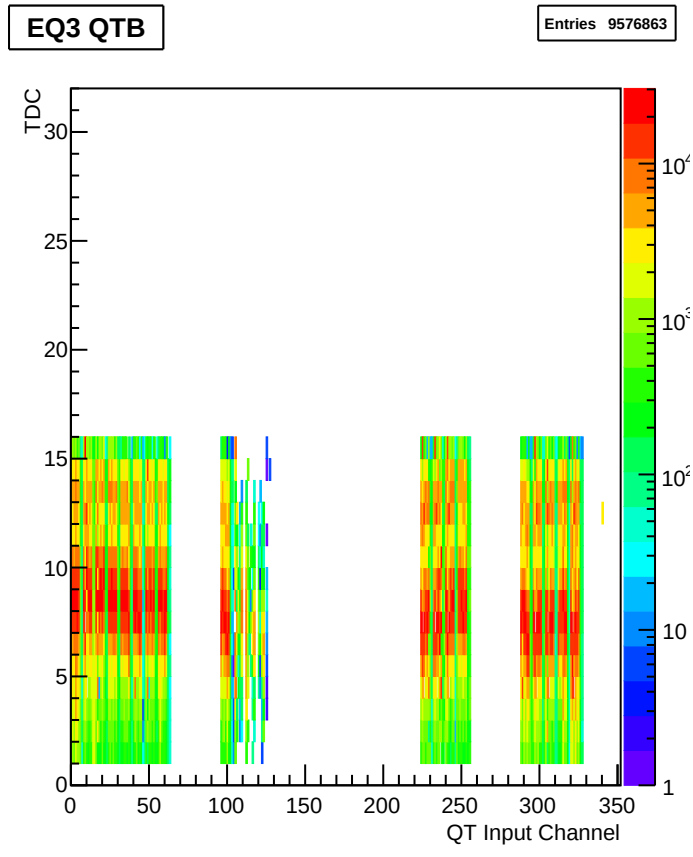

EQ2 QTB
Entries 3.597494e+07
ADC
QT Input Channel

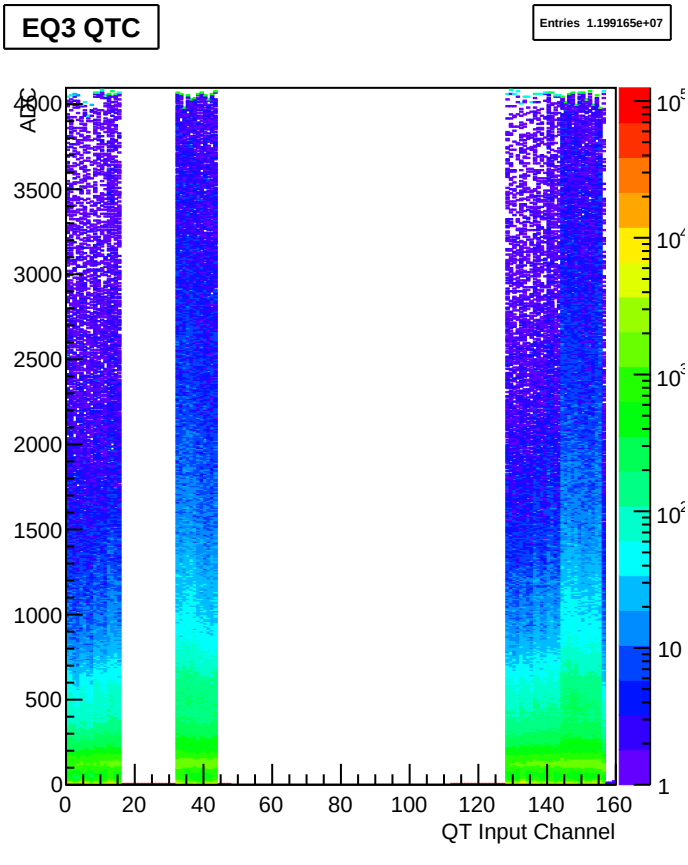

EQ2 QTB
Entries 1.207326e+07
TDC
QT Input Channel

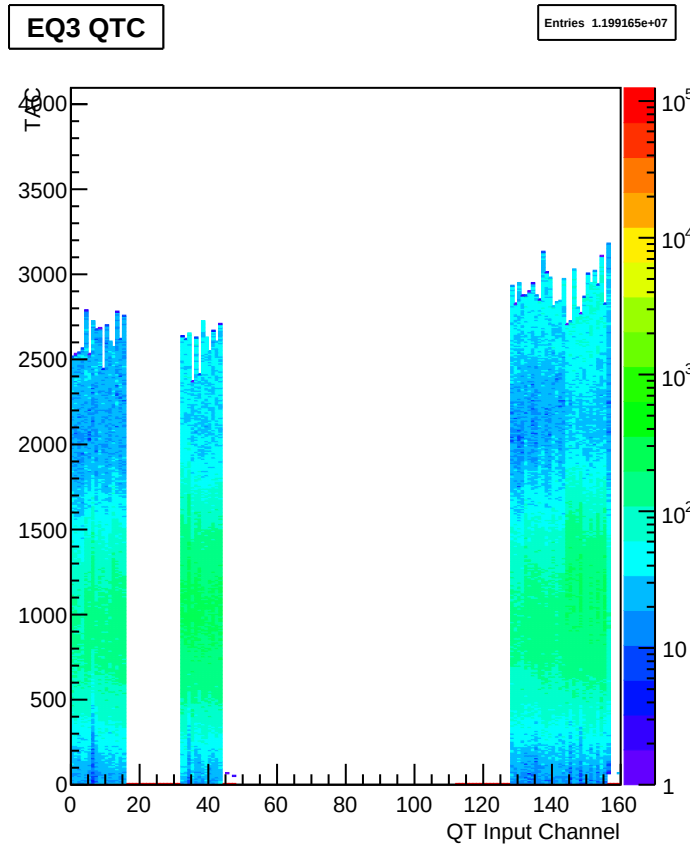

EQ2 QTC
Entries 1.199165e+07
ADC
QT Input Channel

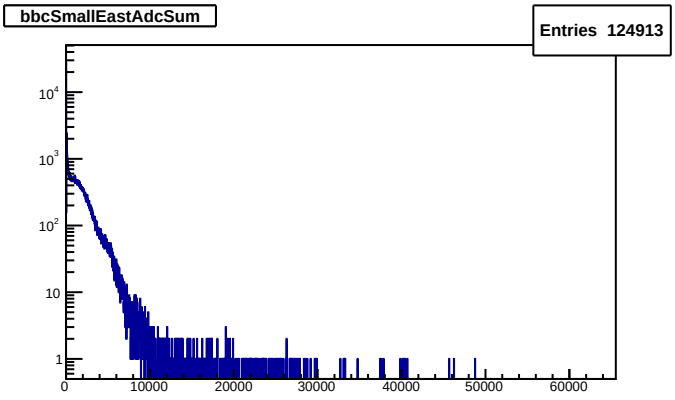

EQ2 QTC
Entries 1.199165e+07
TADC
QT Input Channel

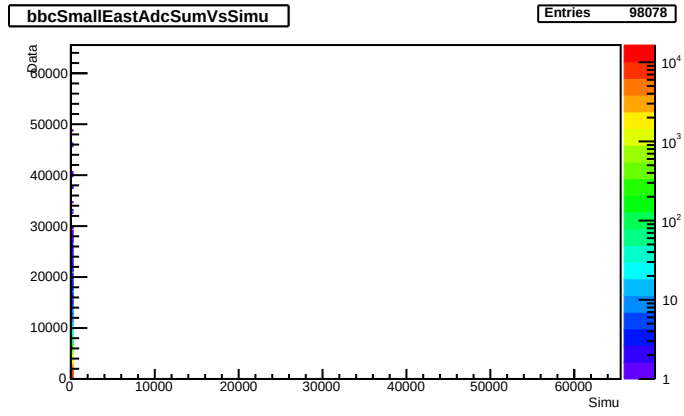

EQ3 QTB
Entries 3.197773e+07
ADC
QT Input Channel

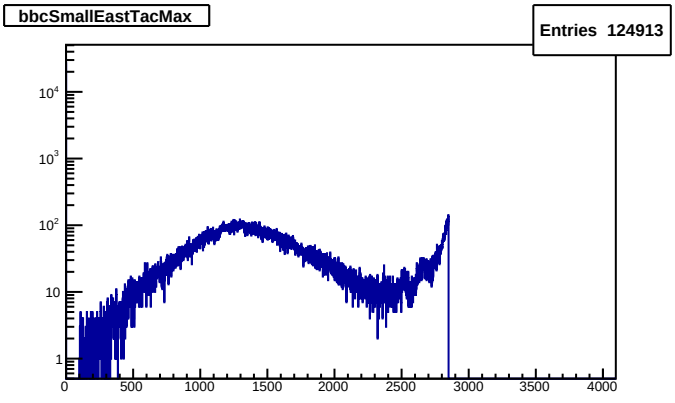

EQ3 QTB
Entries 9576863
TDC
QT Input Channel

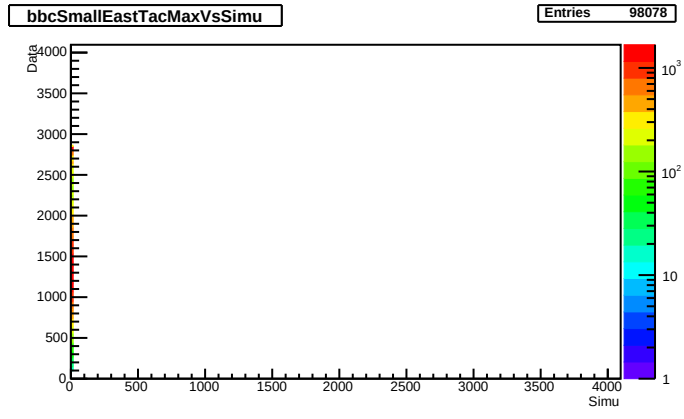

EQ3 QTC
Entries 1.199165e+07
ADC
QT Input Channel

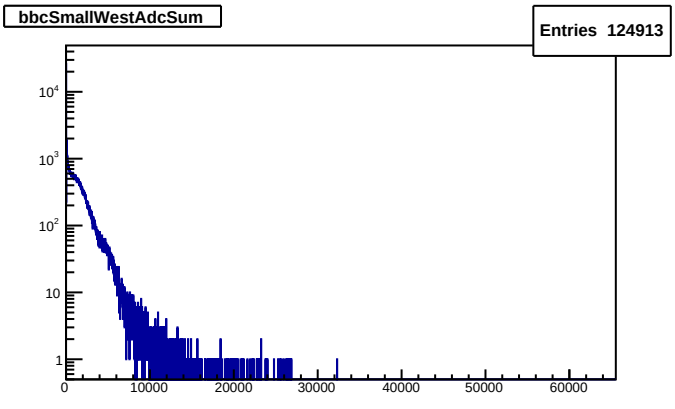

EQ3 QTC
Entries 1.199165e+07
TADC
QT Input Channel

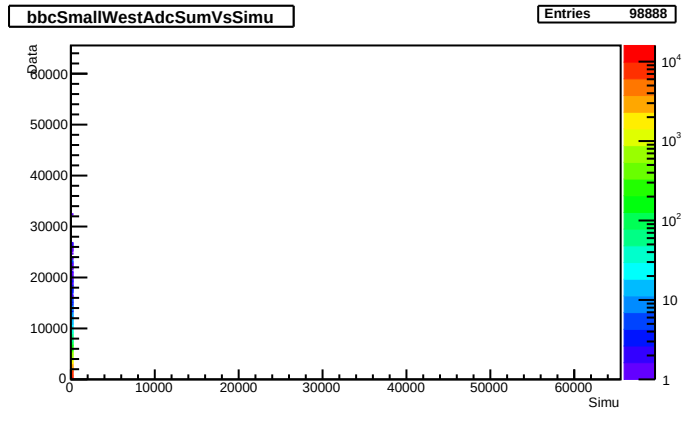

bbcSmallEastAdcSum
Entries 124913

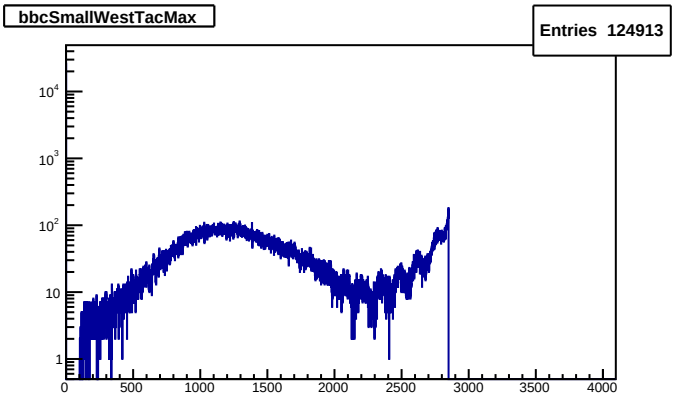

bbcSmallEastAdcSumVsSimu
Entries 98078
Data
Simu

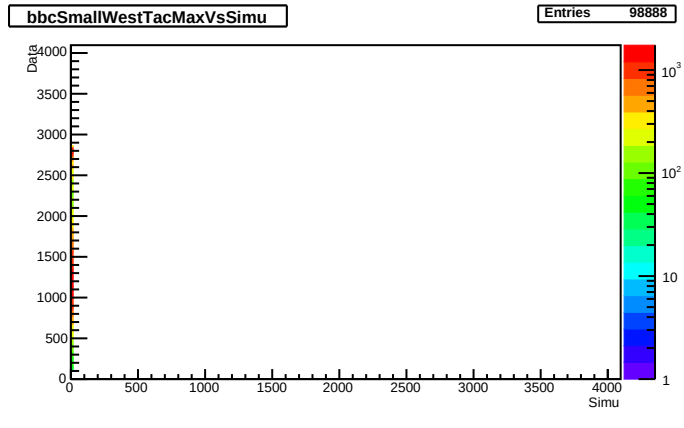

bbcSmallEastTacMax
Entries 124913

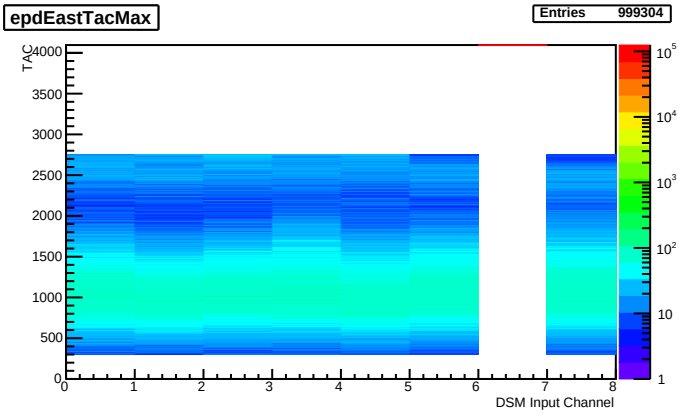

bbcSmallEastTacMaxVsSimu
Entries 98078
Data
Simu

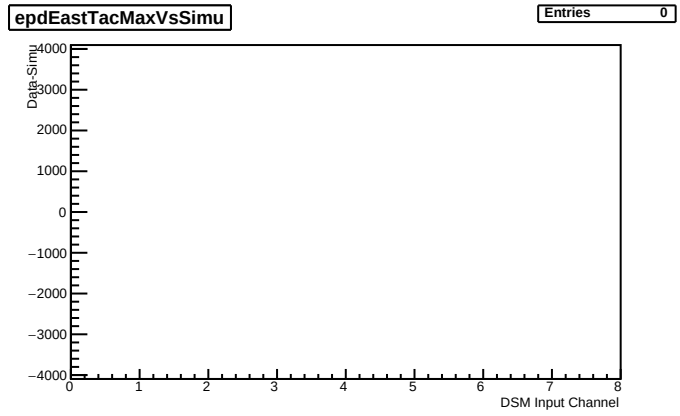

bbcSmallWestAdcSum
Entries 124913

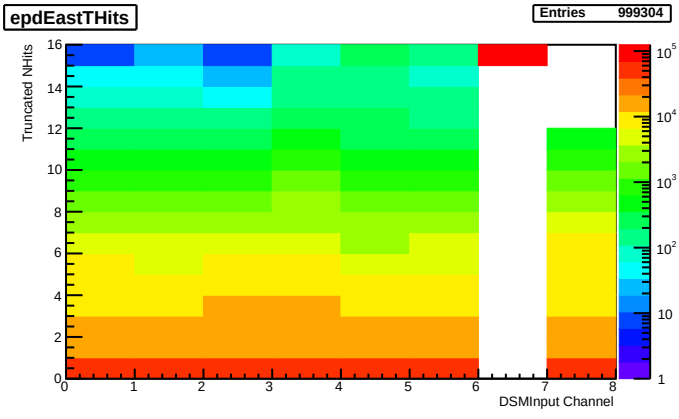

bbcSmallWestAdcSumVsSimu
Entries 98888
Data
Simu

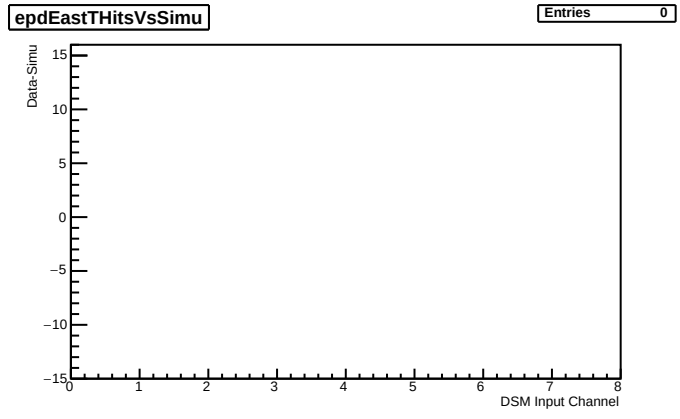

bbcSmallWestTacMax
Entries 124913

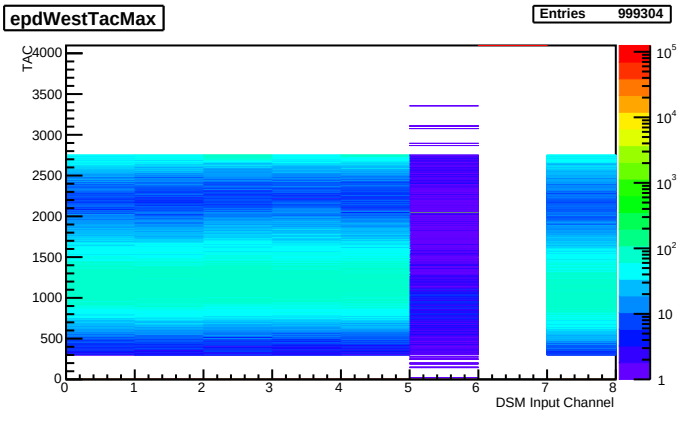

bbcSmallWestTacMaxVsSimu
Entries 98888
Data
Simu

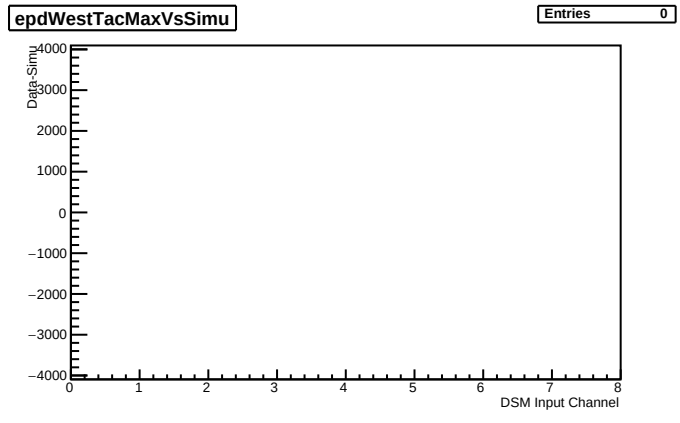

epdEastTacMax
Entries 999304
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 999304
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 999304
TAC
DSM Input Channel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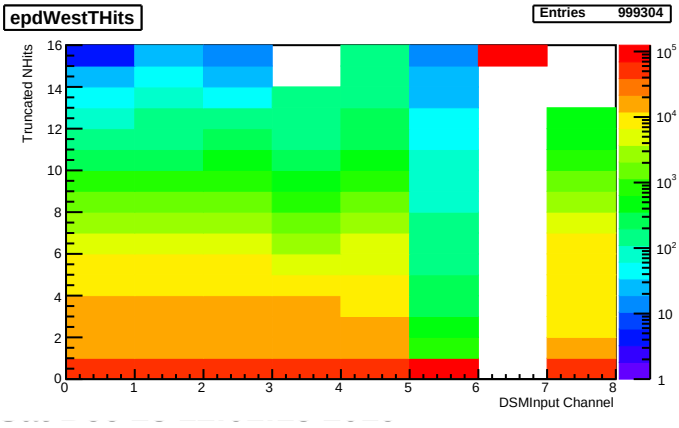
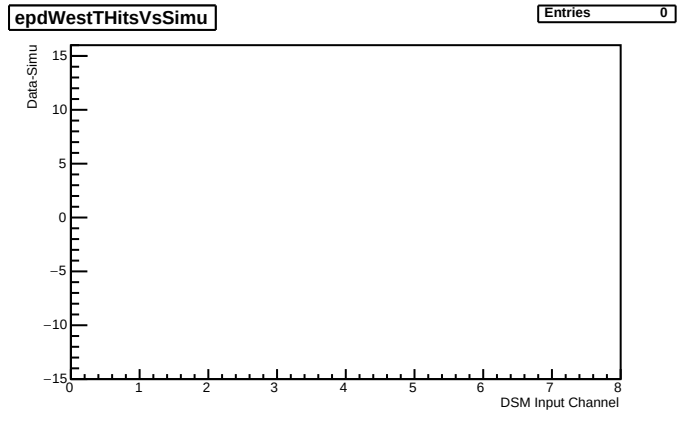
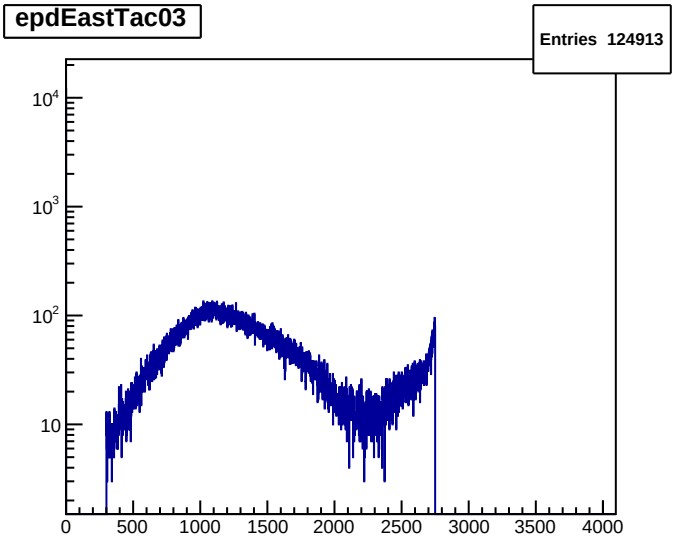
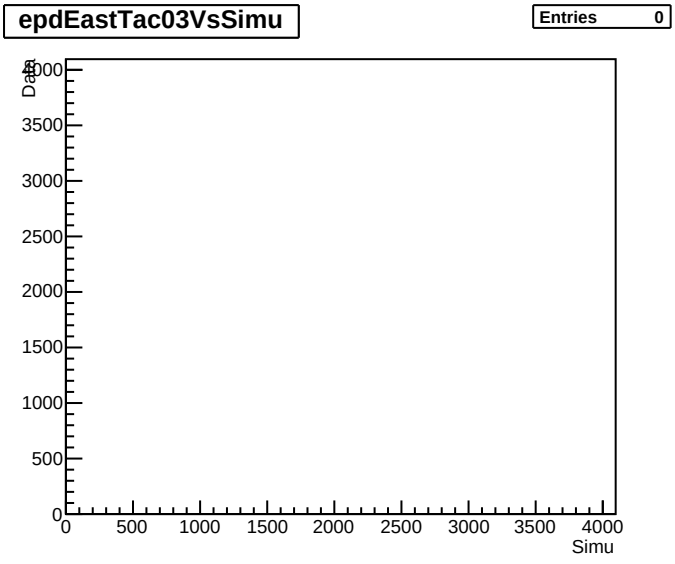
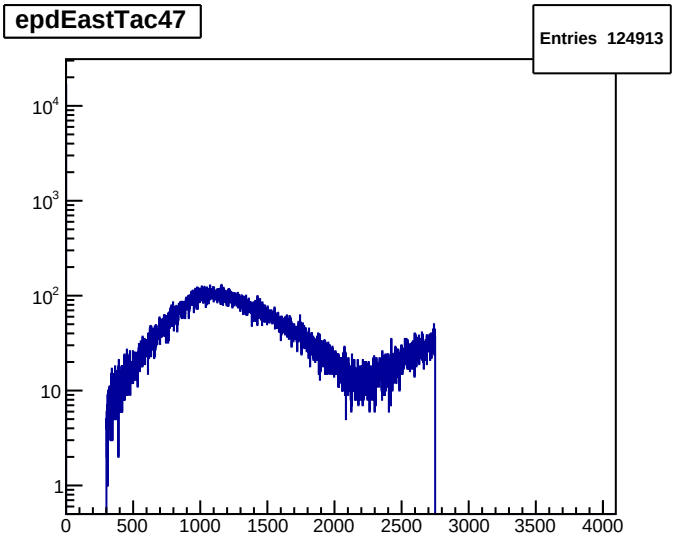
Entries 0
Data-Simu
DSM Input Channel

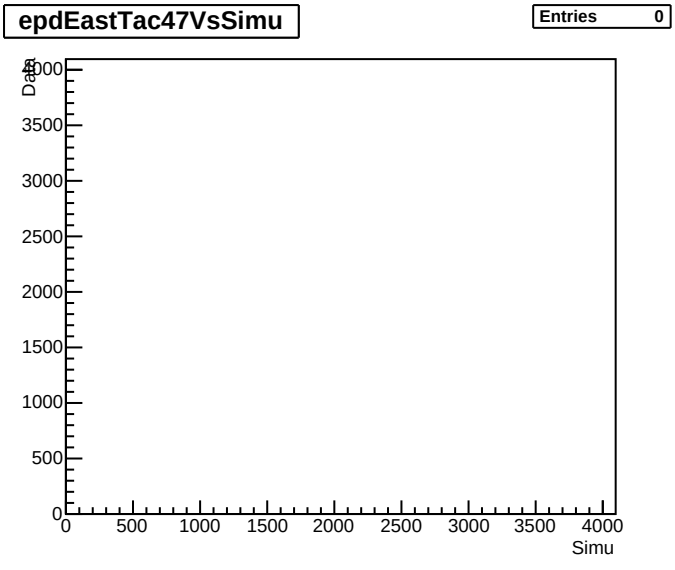

epdWestTHits
Entries 999304
Truncated NHits
DSMInput Channel

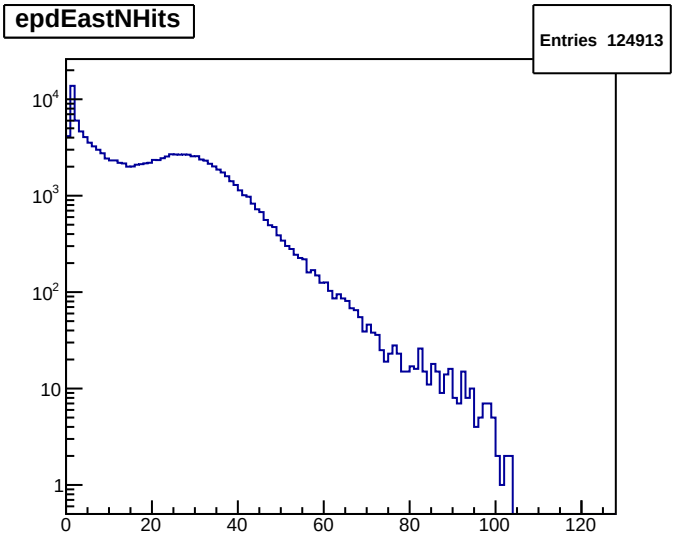

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

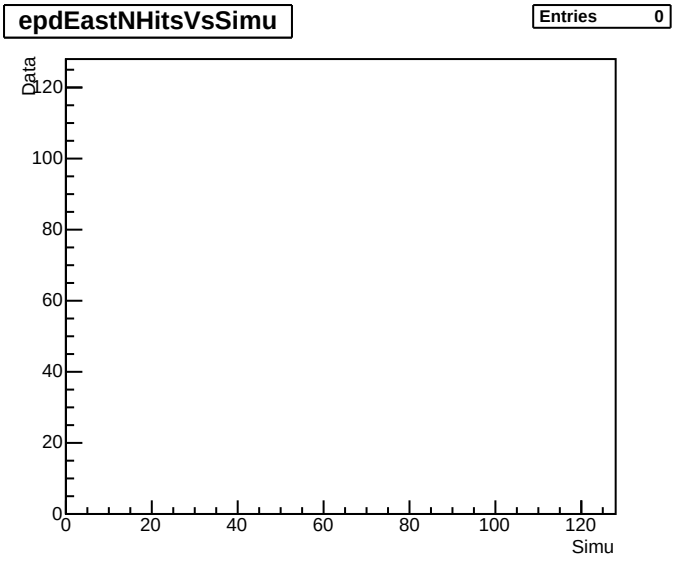

epdEastTac03
Entries 124913


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 124913


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 124913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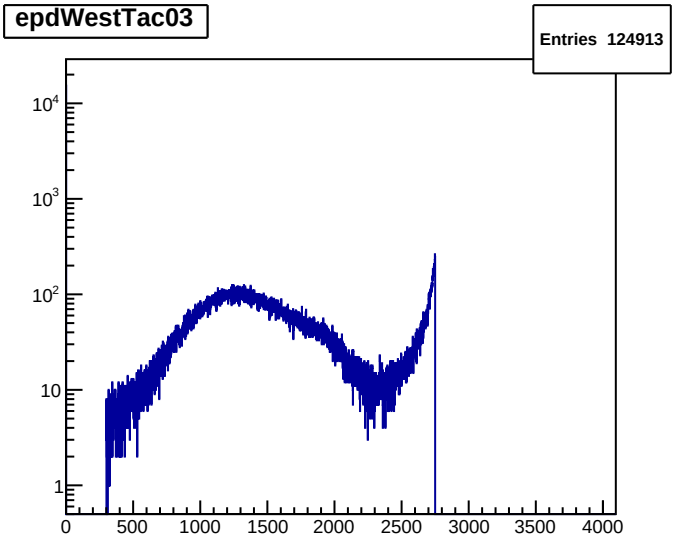
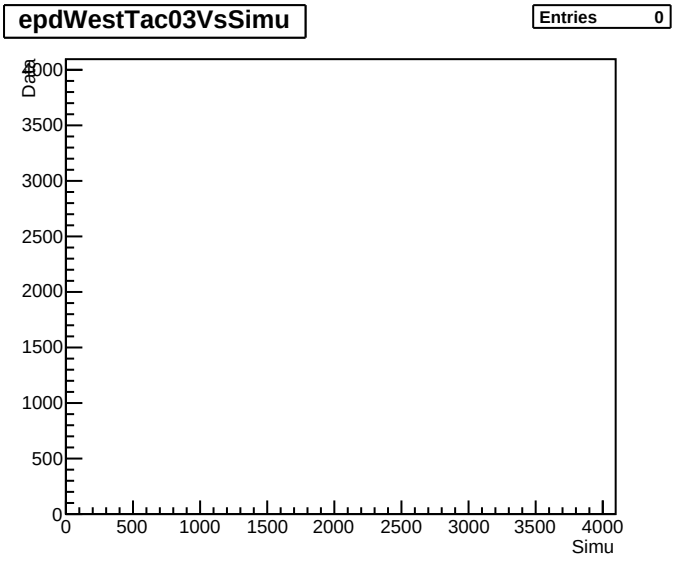
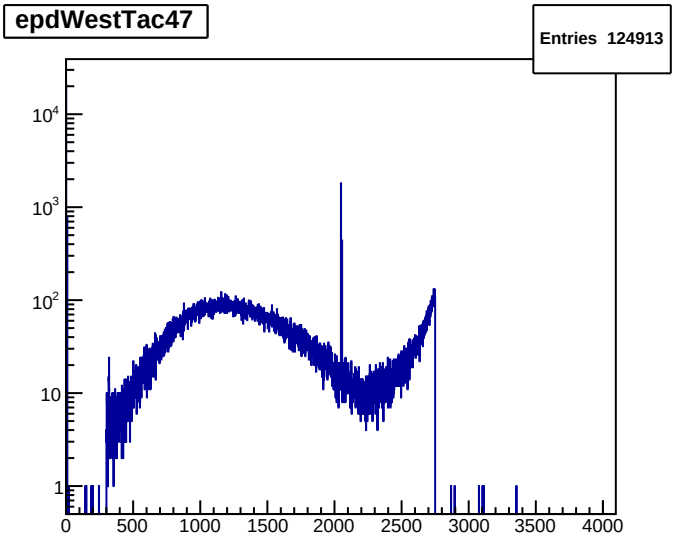
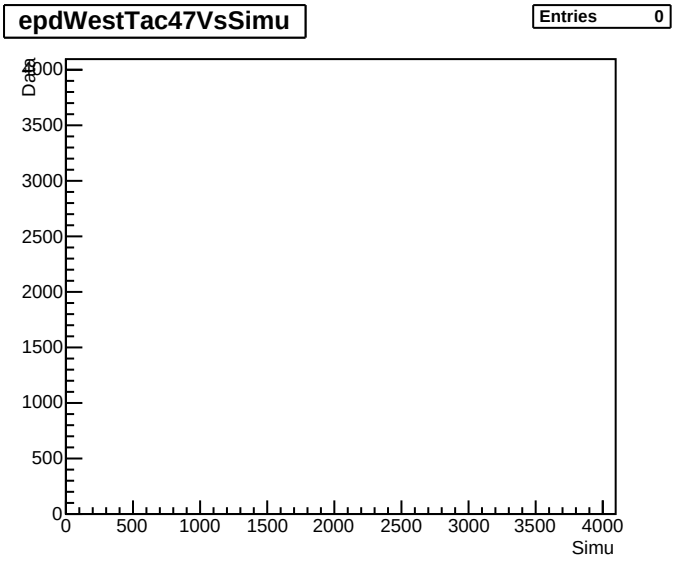
Entries 0
Data
Simu


epdWestTac03
Entries 124913


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 124913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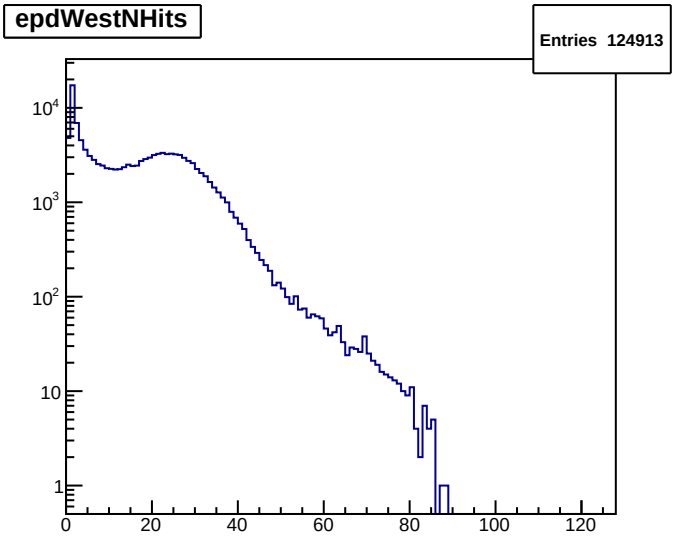
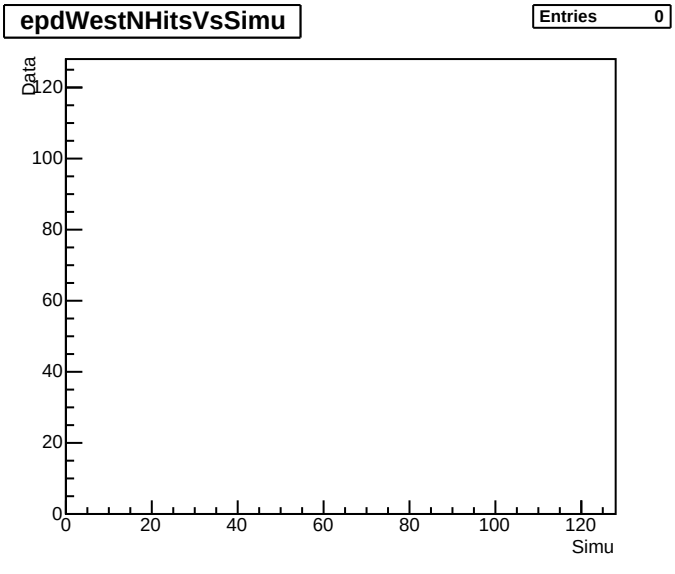
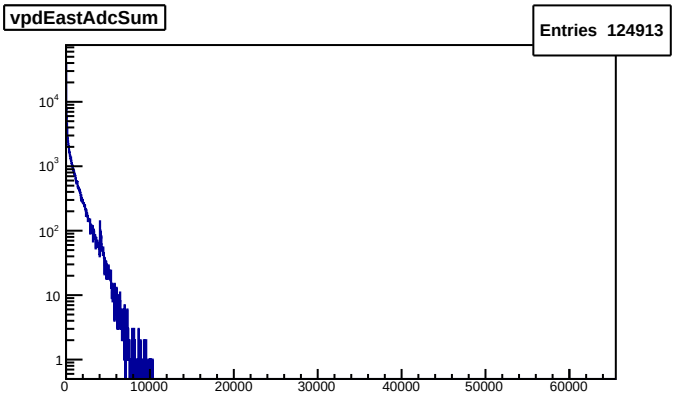
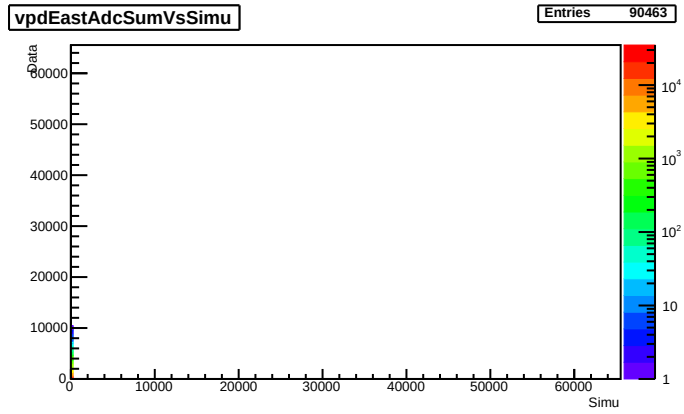
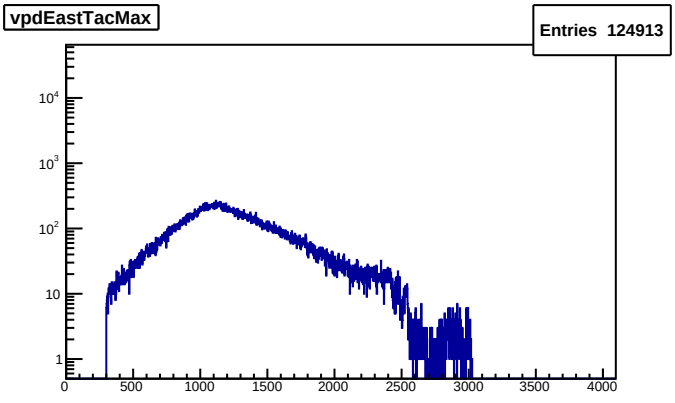
Entries 0
Data
Simu

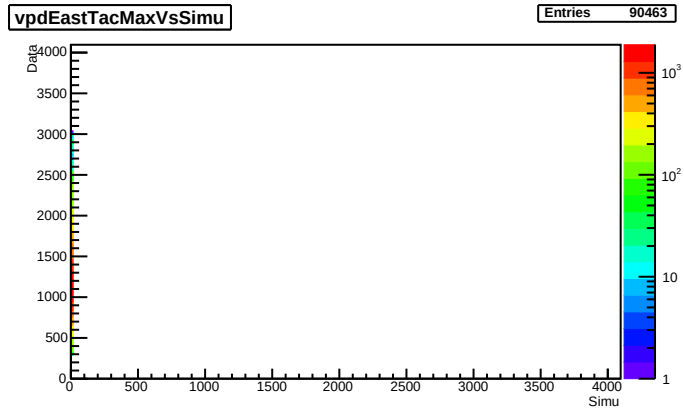

epdWestNHits
Entries 124913

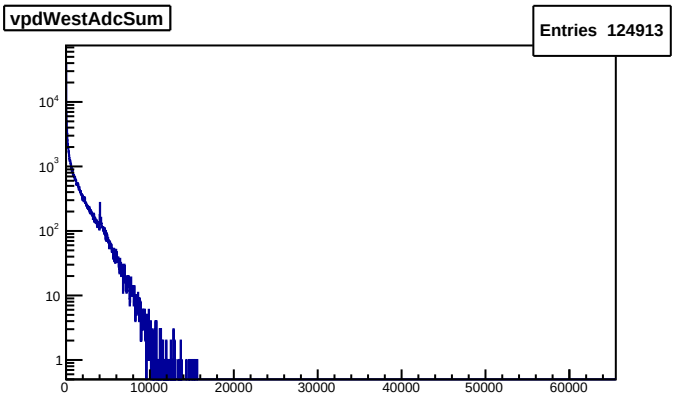

epdWestNHitsVsSimu
Entries 0
Data
Simu

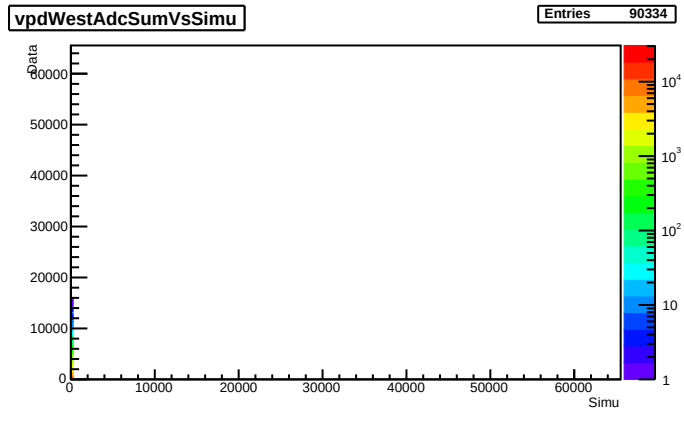

vpdEastAdcSum
Entries 124913

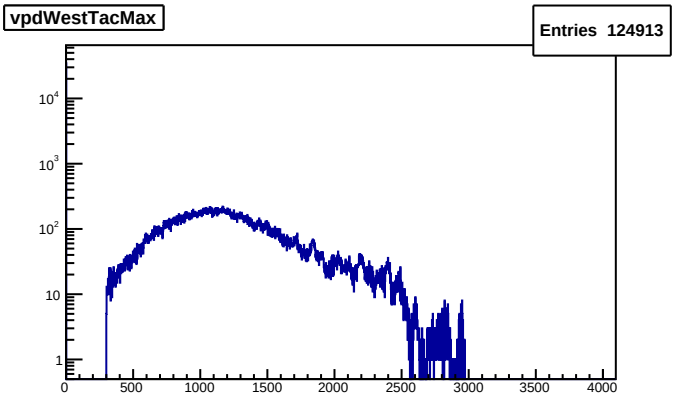

vpdEastAdcSumVsSimu
Entries 90463
Data
Simu

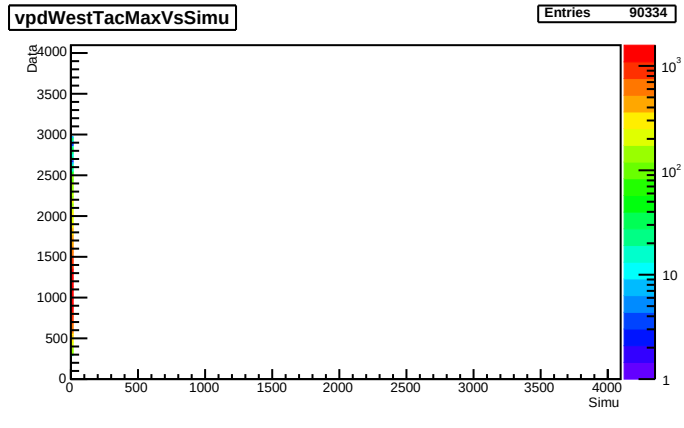

vpdEastTacMax
Entries 124913

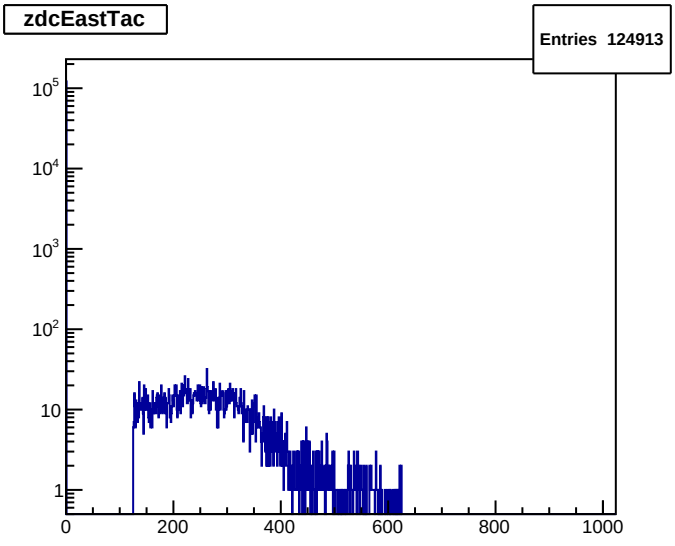

vpdEastTacMaxVsSimu
Entries 90463
Data
Simu

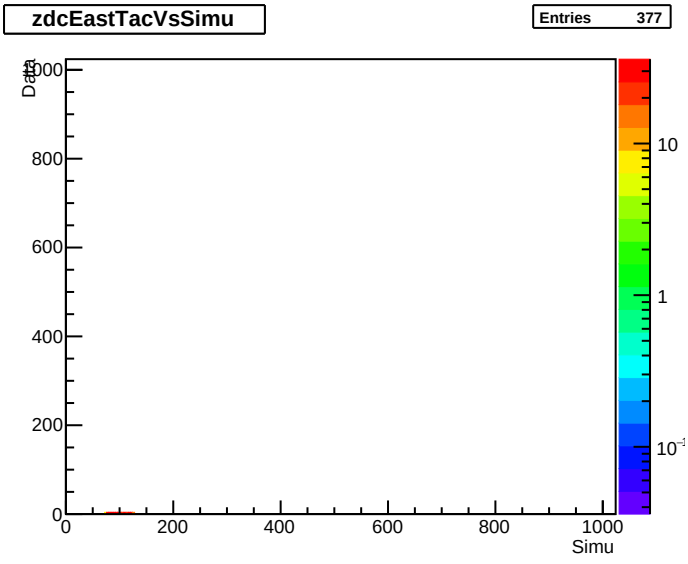

vpdWestAdcSum
Entries 124913

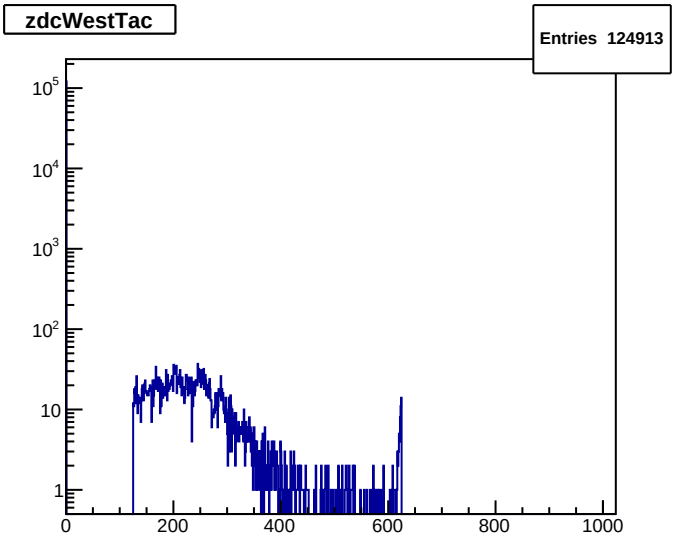

vpdWestAdcSumVsSimu
Entries 90334
Data
Simu

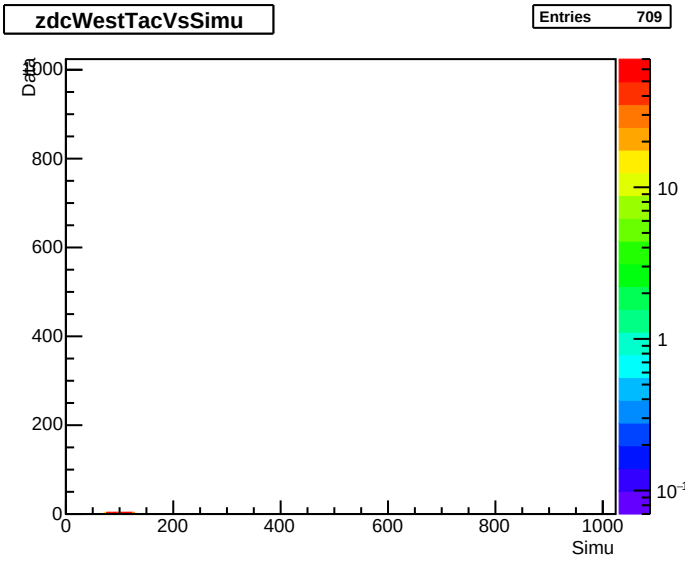

vpdWestTacMax
Entries 124913

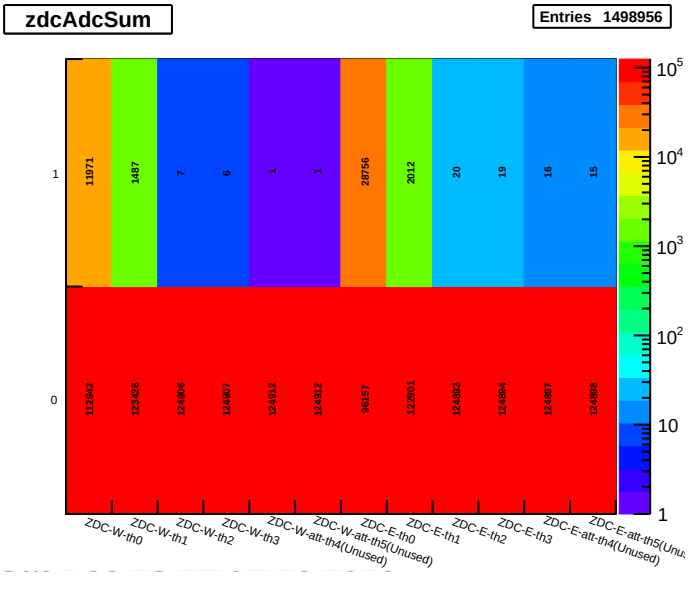

vpdWestTacMaxVsSimu
Entries 90334
Data
Simu

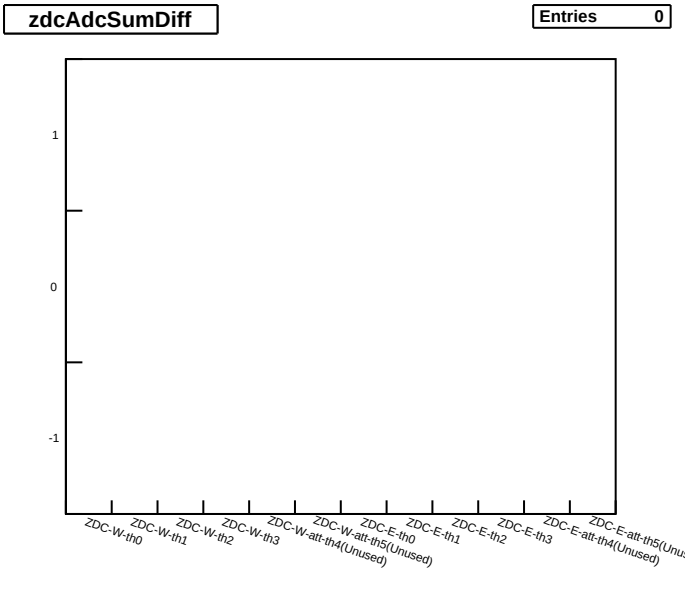

zdcEastTac
Entries 124913

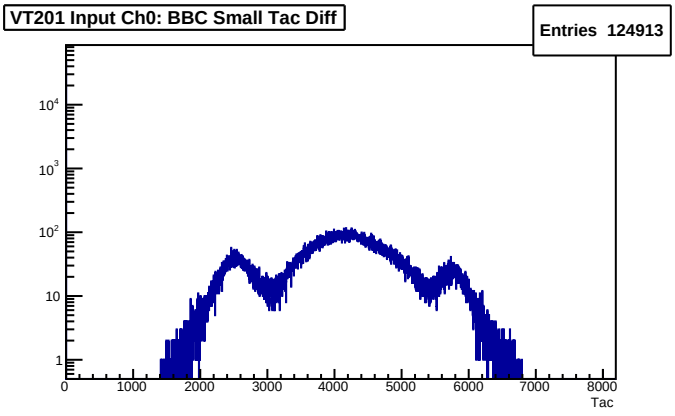

zdcEastTacVsSimu
Entries 377
Data
Simu

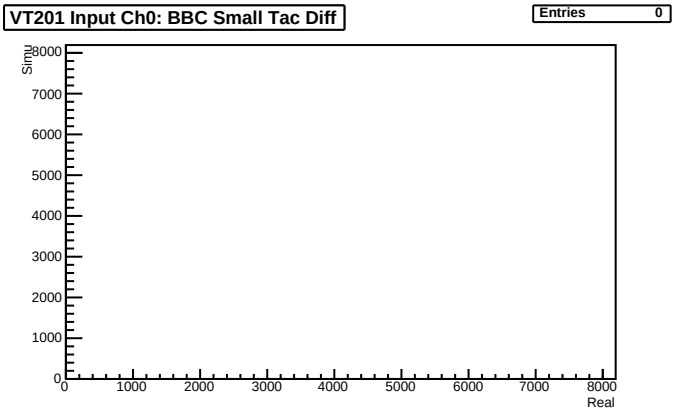

zdcWestTac
Entries 124913

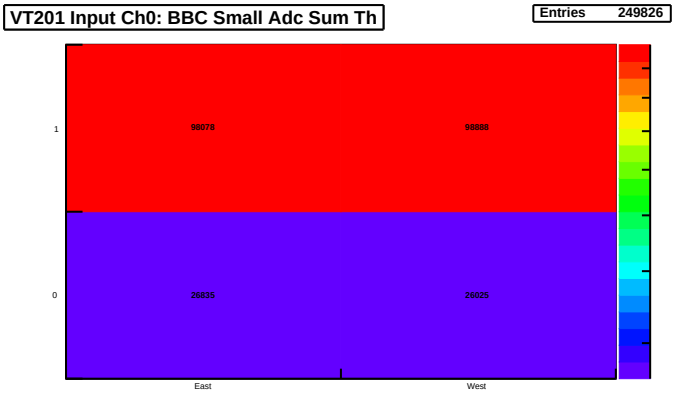

zdcWestTacVsSimu
Entries 709
Data
Simu

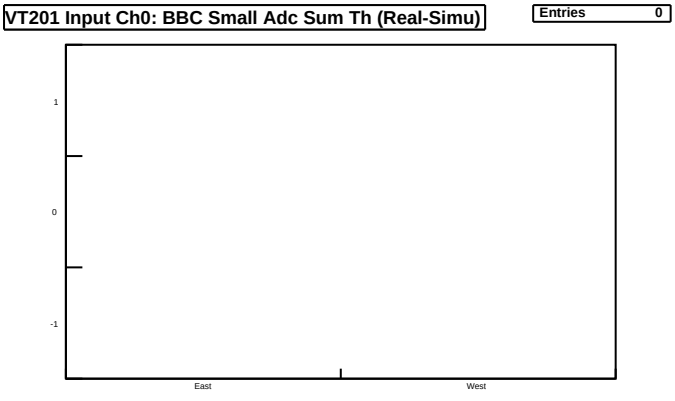

zdcAdcSum
Entries 1498956
11971
1487
7
6
1
1
28756
2012
20
19
16
15
112942
123426
124906
124907
124912
124912
96157
122301
124893
124894
124897
124898
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

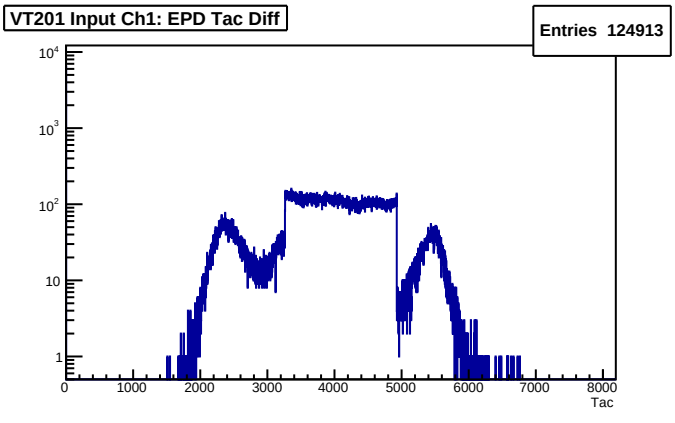

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

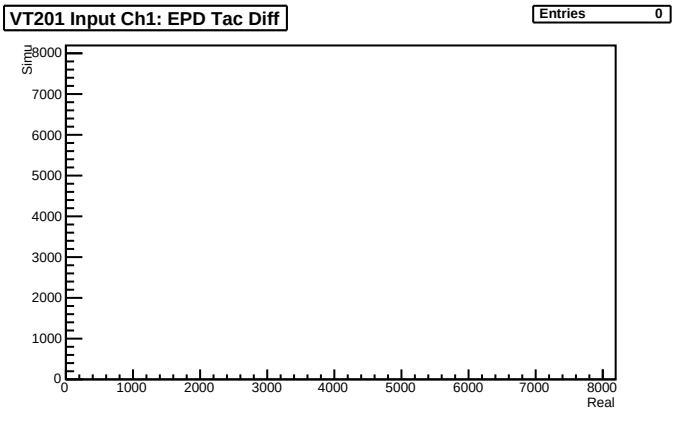

VT201 Input Ch0: BBC Small Tac Diff
Entries 124913
Tac

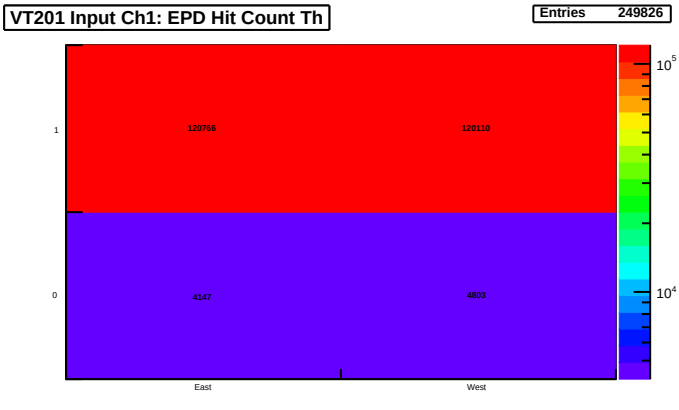

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

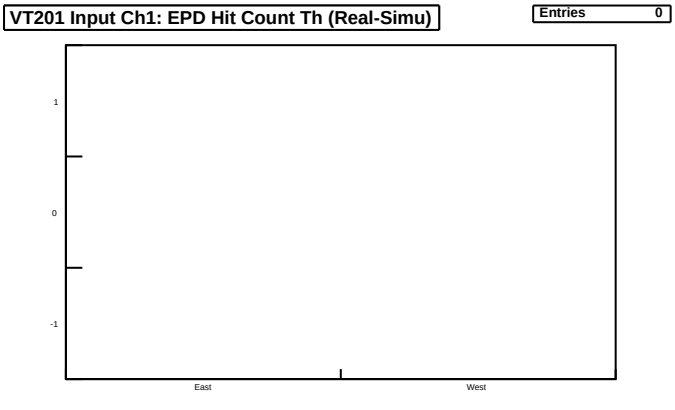

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 249826
98078
98888
26835
26025
East
West

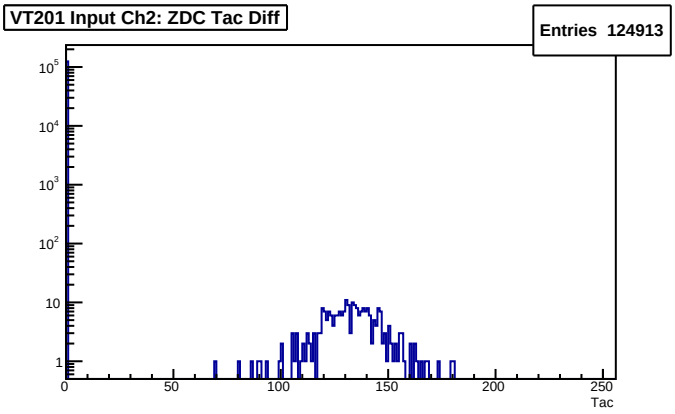

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

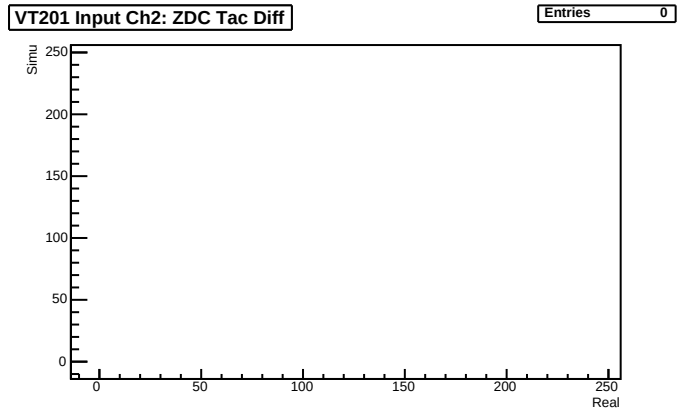

VT201 Input Ch1: EPD Tac Diff
Entries 124913
Tac

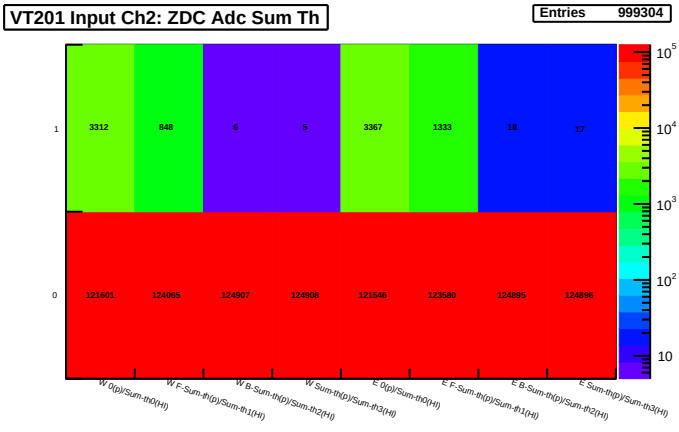

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

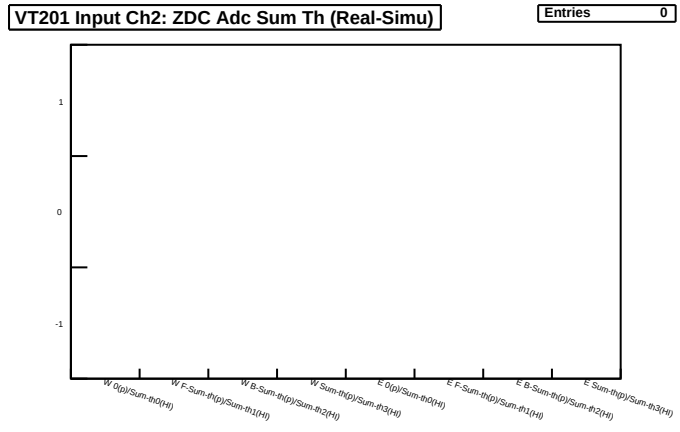

VT201 Input Ch1: EPD Hit Count Th
Entries 249826
120766
120110
4147
4803
East
West

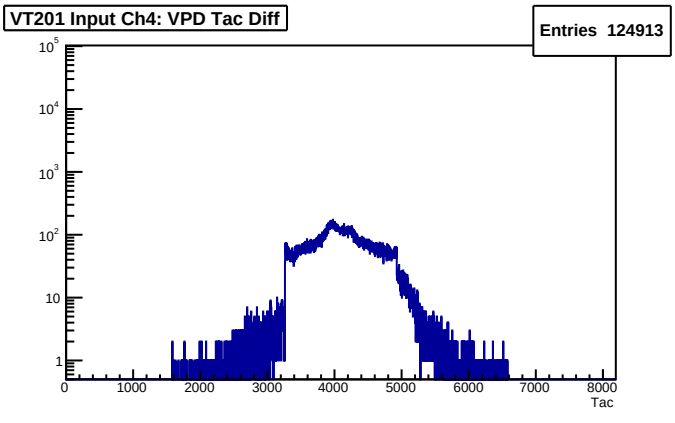

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

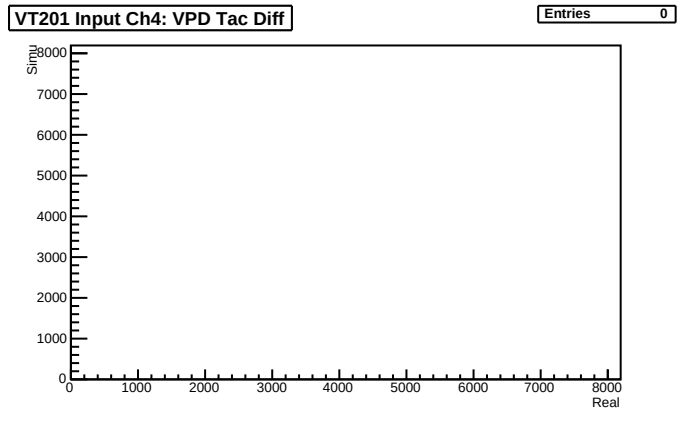

VT201 Input Ch2: ZDC Tac Diff
Entries 124913
Tac

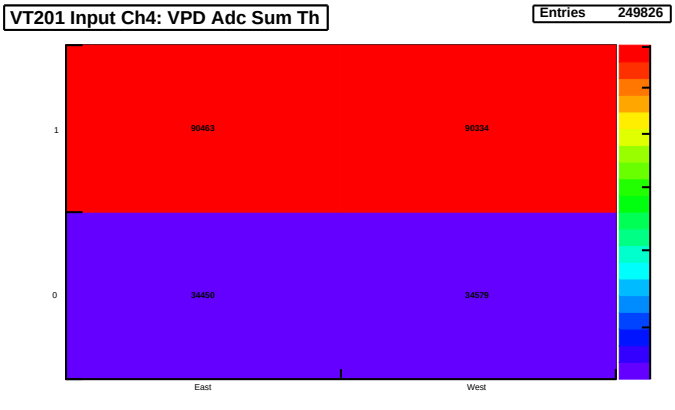

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

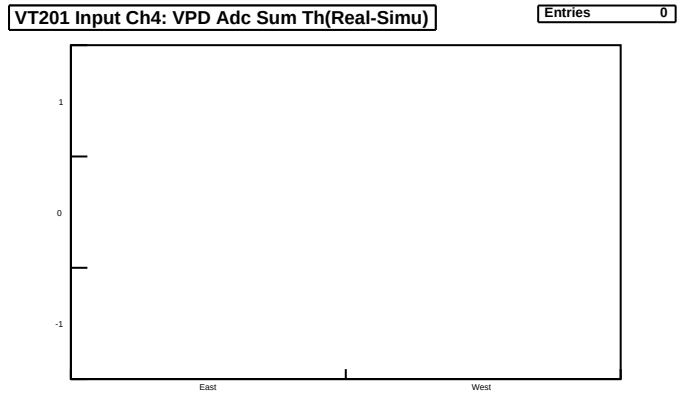

VT201 Input Ch2: ZDC Adc Sum Th
Entries 999304
3312
848
6
5
3367
1333
18
17
121601
124065
124907
124908
121546
123580
124895
124896
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

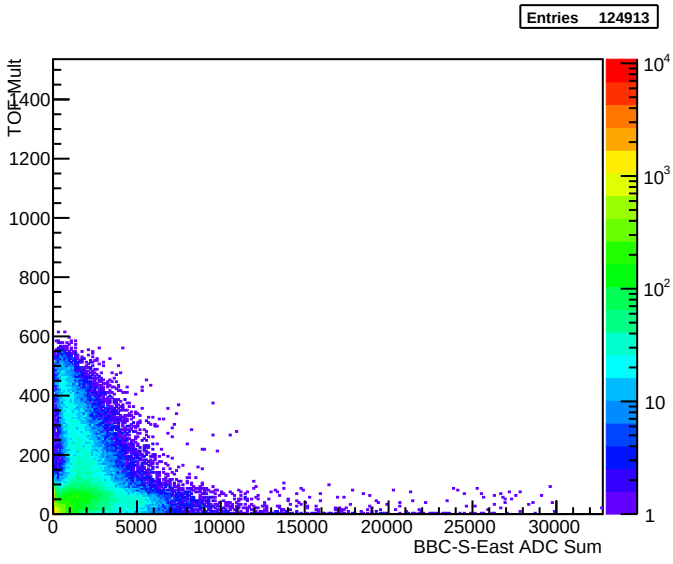

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

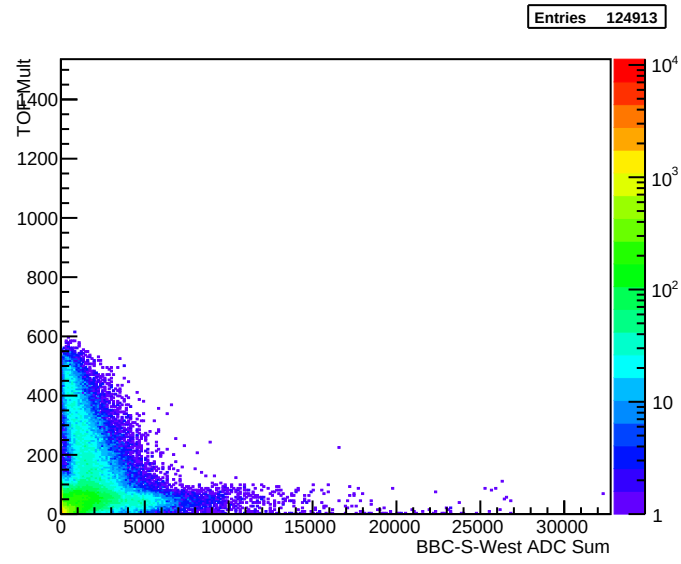

VT201 Input Ch4: VPD Tac Diff
Entries 124913
Tac

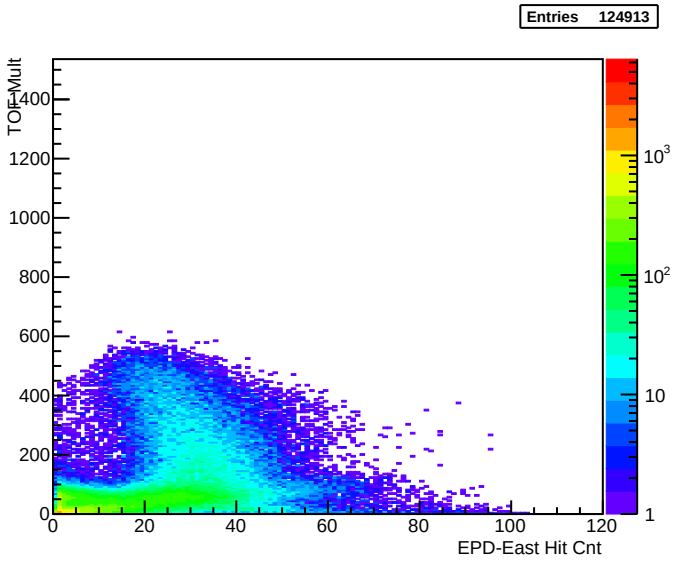

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

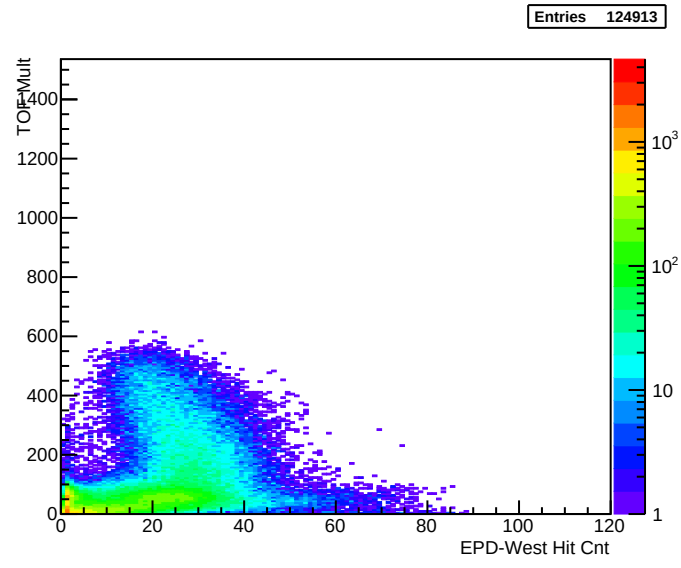

VT201 Input Ch4: VPD Adc Sum Th
Entries 249826
90463
90334
34450
34579
East
West

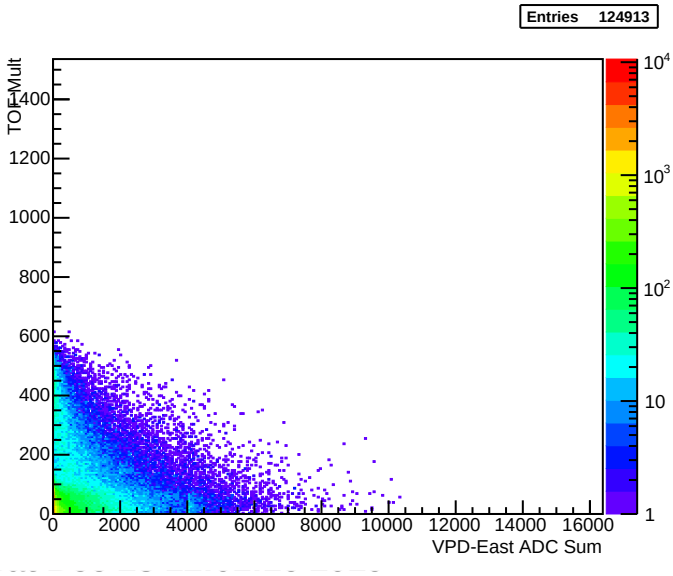

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

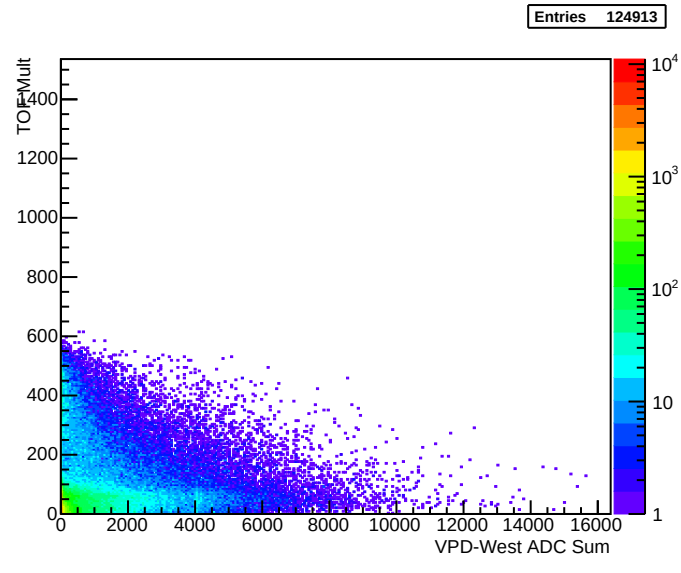

Entries 124913
TOF-Mult
BBC-S-East ADC Sum

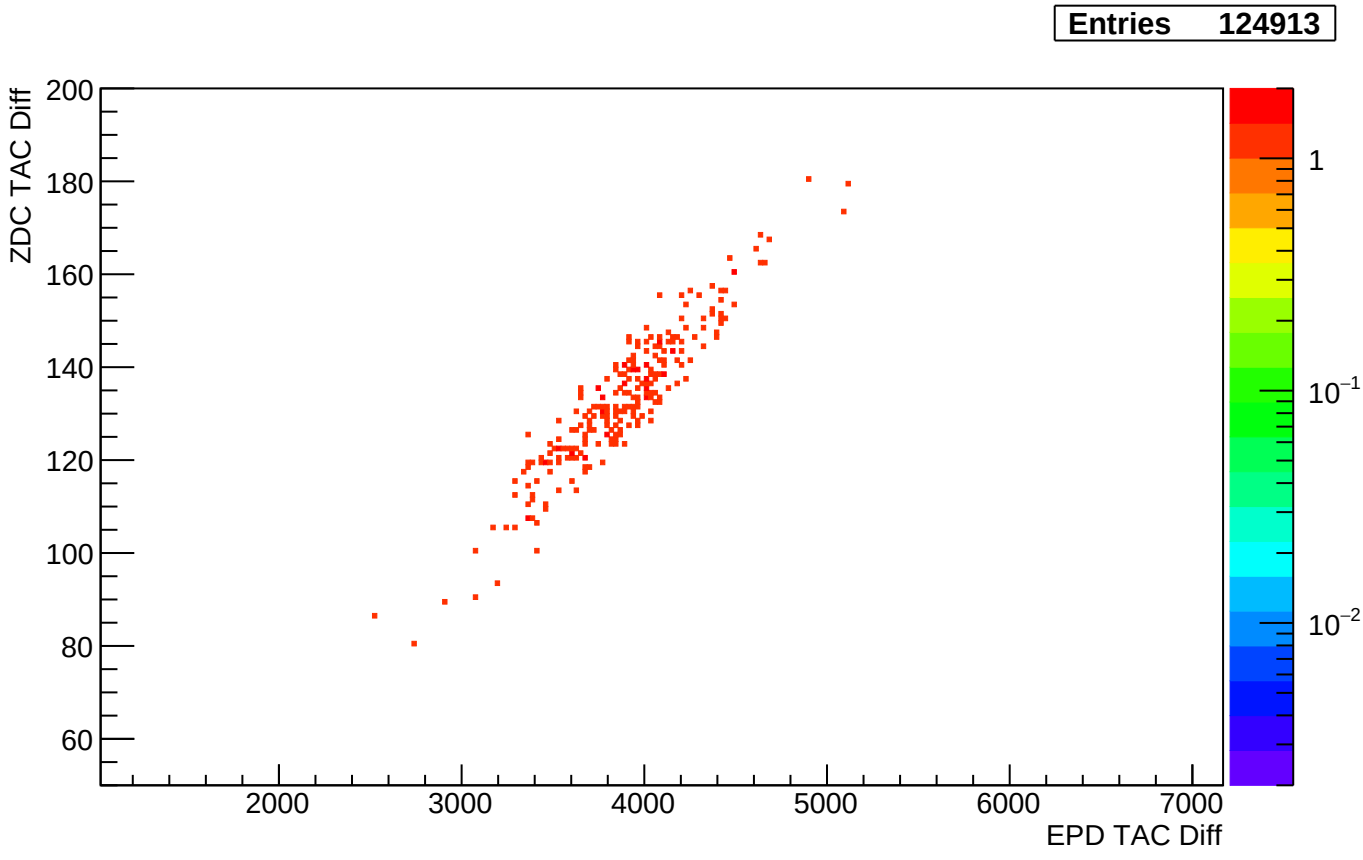

Entries 124913
TOF-Mult
BBC-S-West ADC Sum

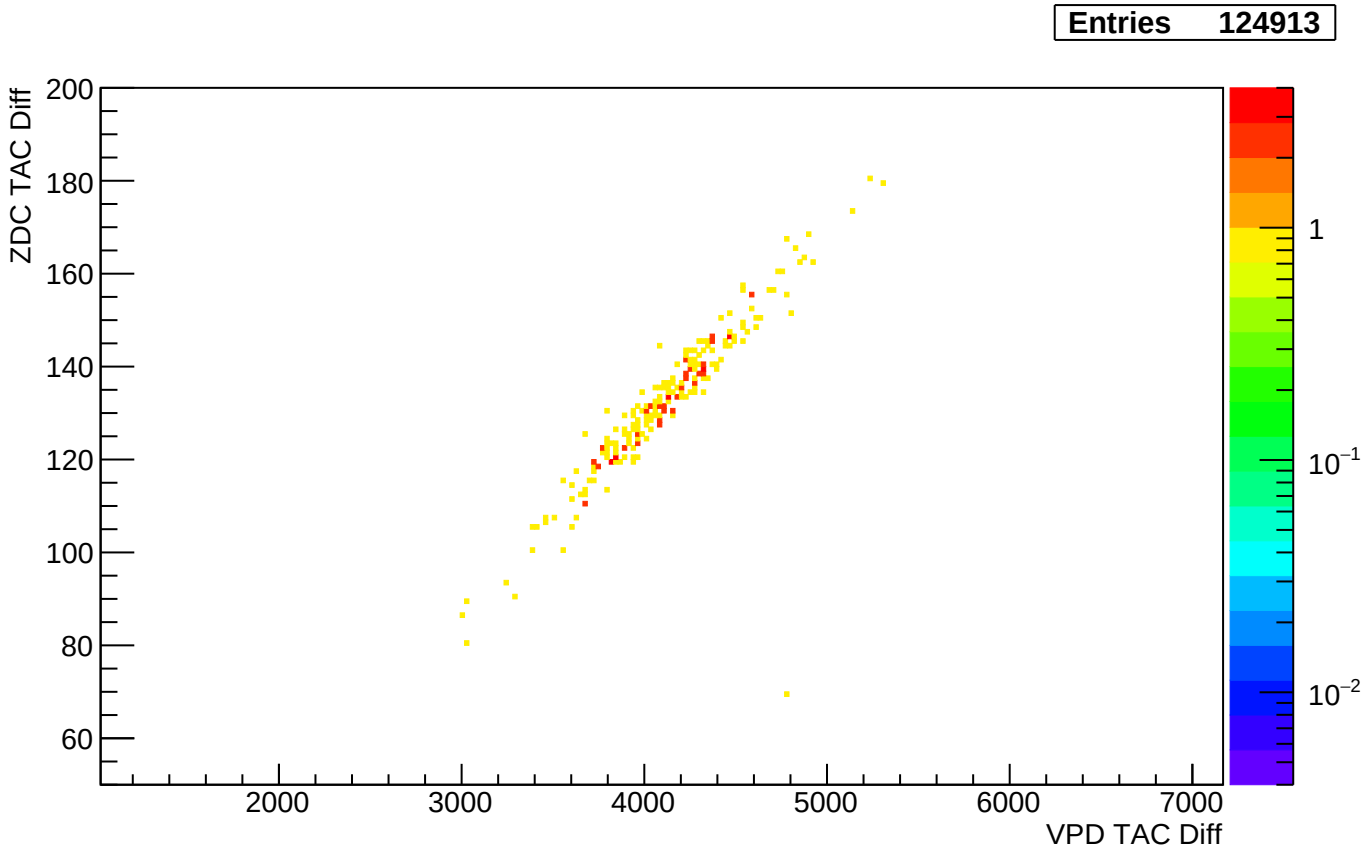

Entries 124913
TOF-Mult
EPD-East Hit Cnt

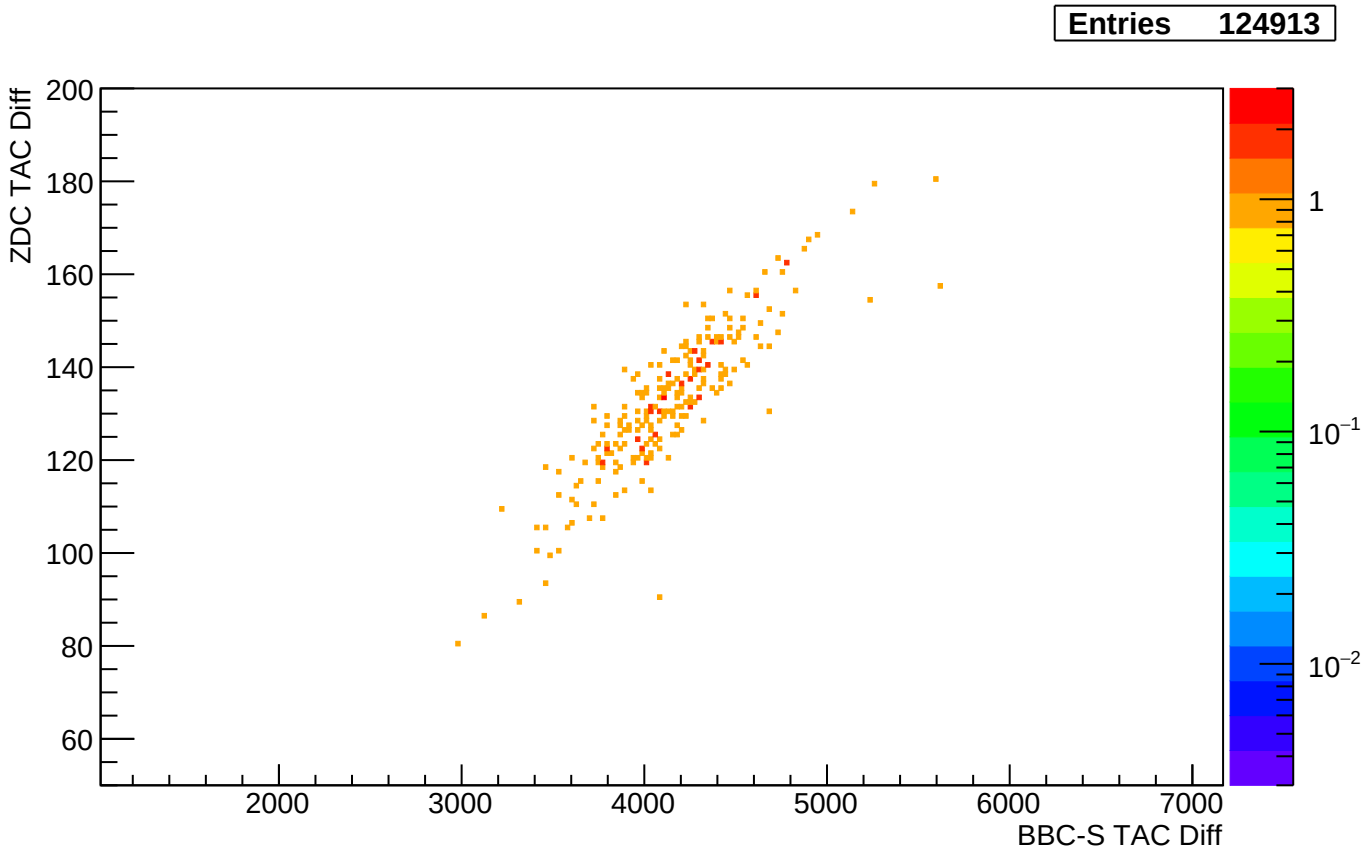

Entries 124913
TOF-Mult
EPD-West Hit Cnt

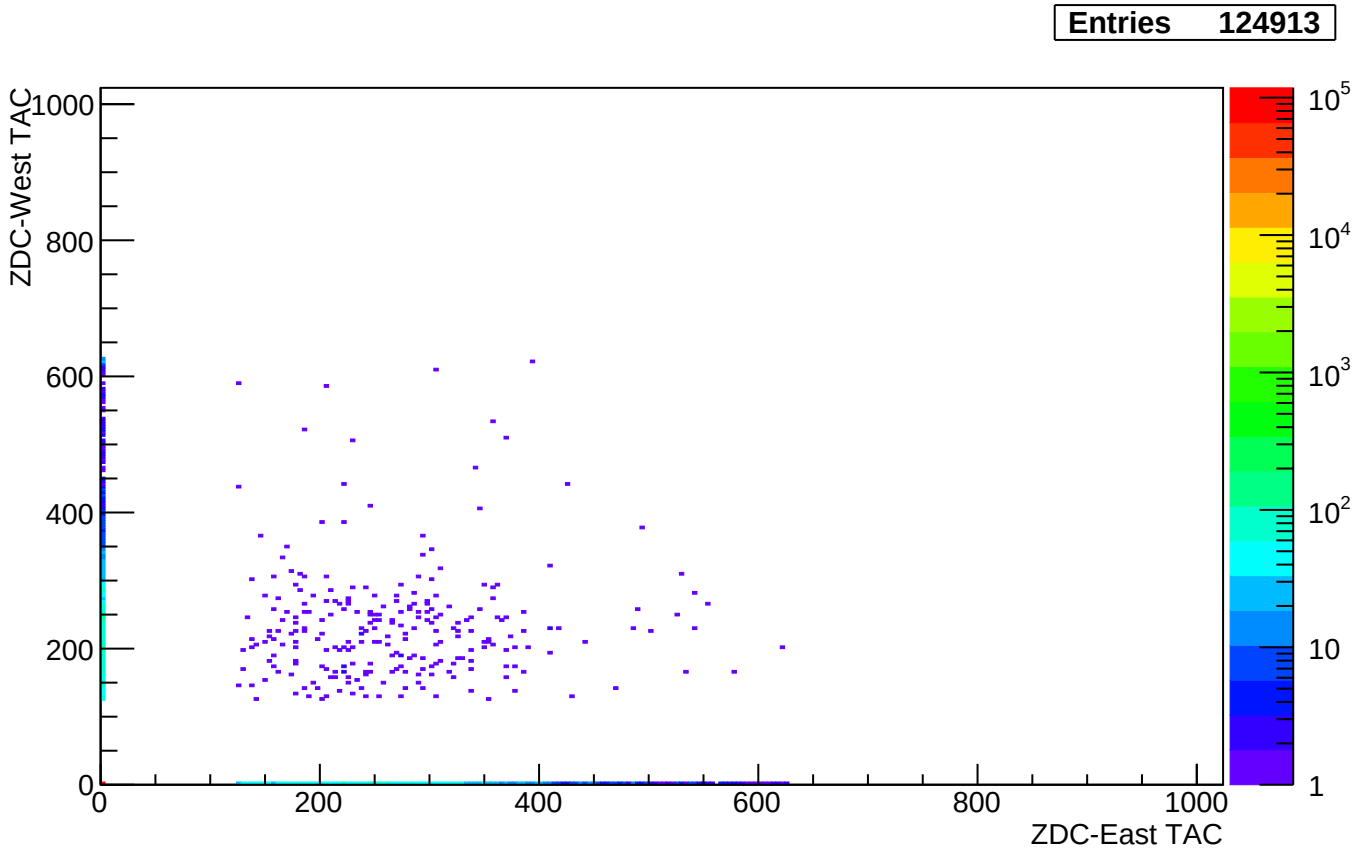

Entries 124913
TOF-Mult
VPD-East ADC Sum

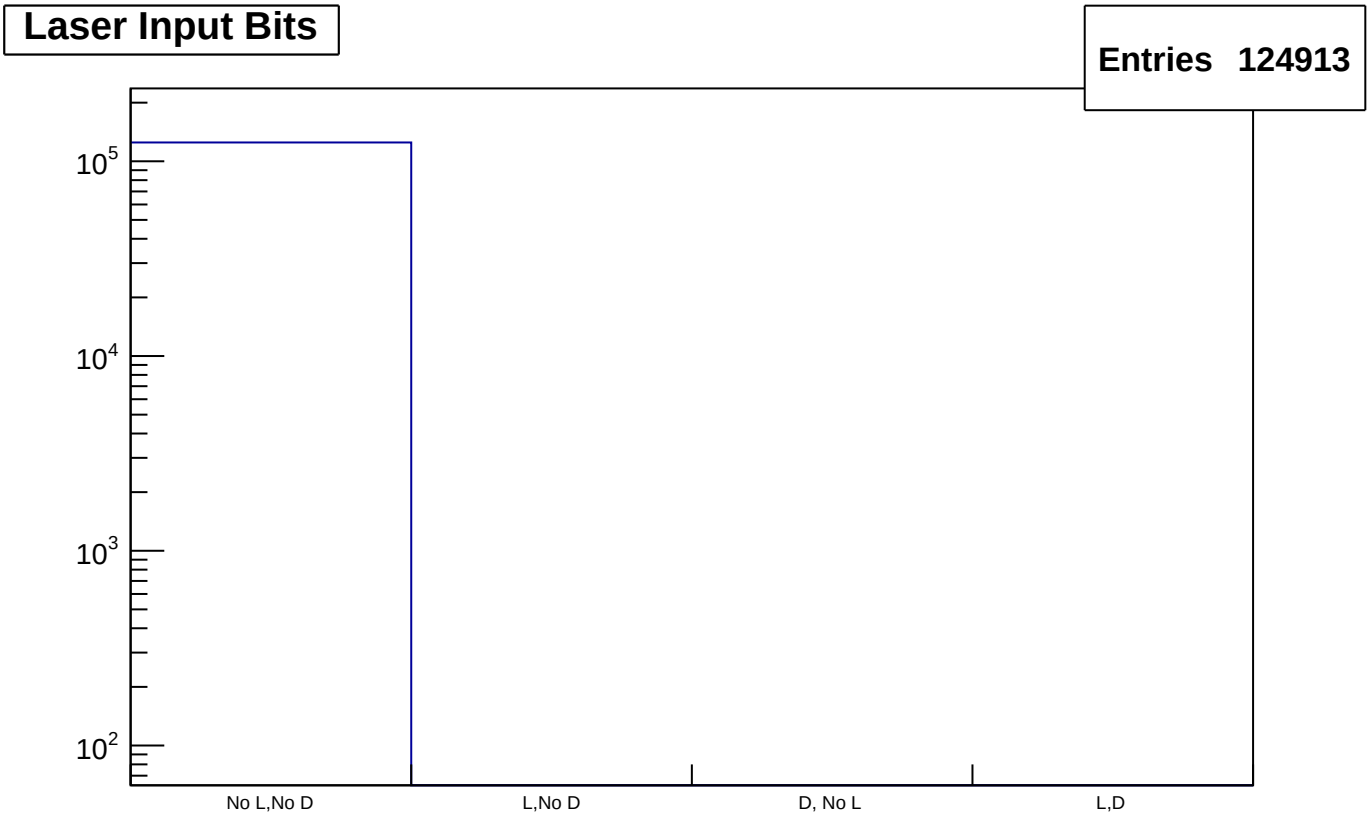

Entries 124913
TOF-Mult
VPD-West ADC Sum

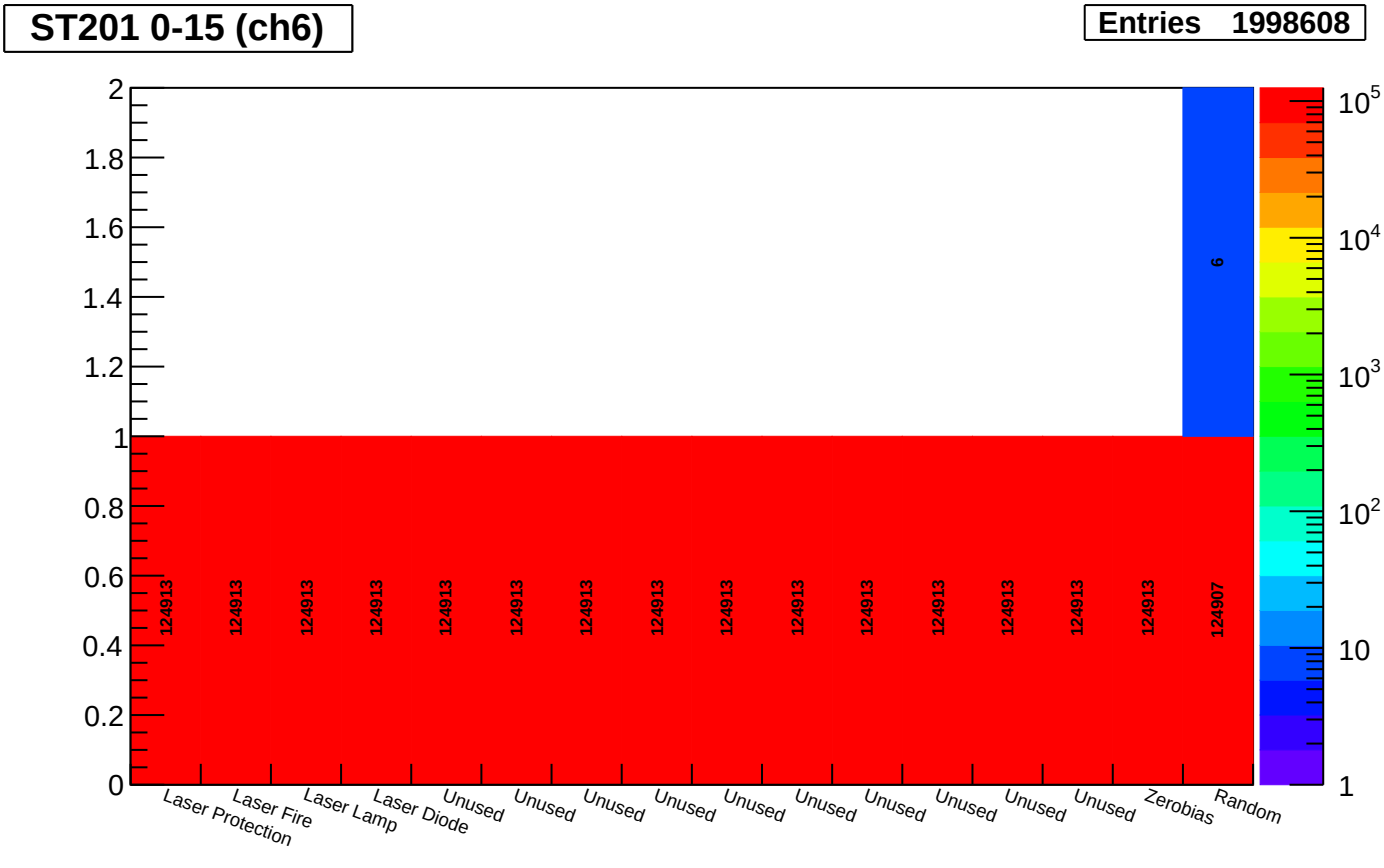

Entries 124913
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

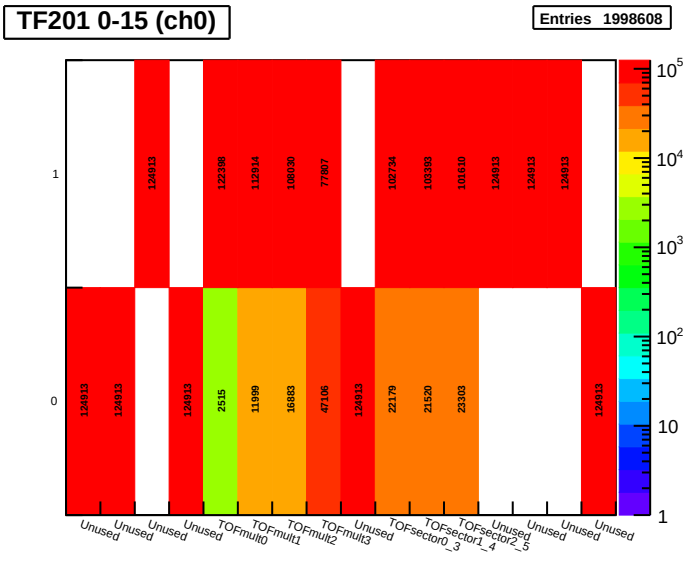

Entries 124913
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

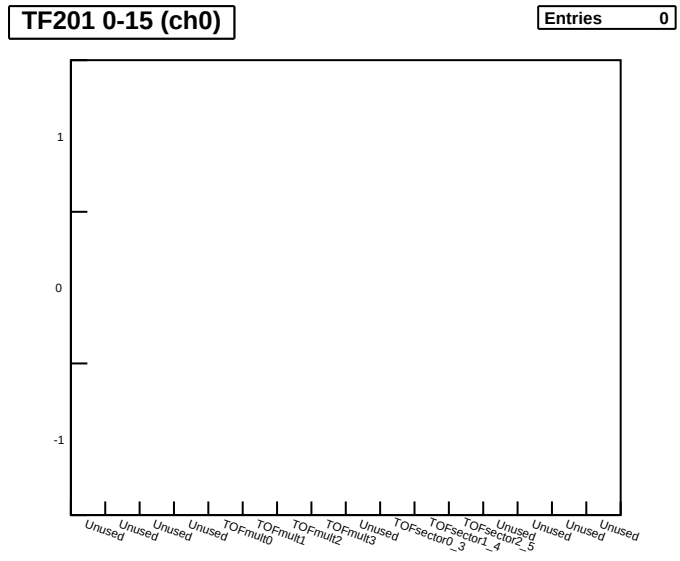

Entries 124913
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

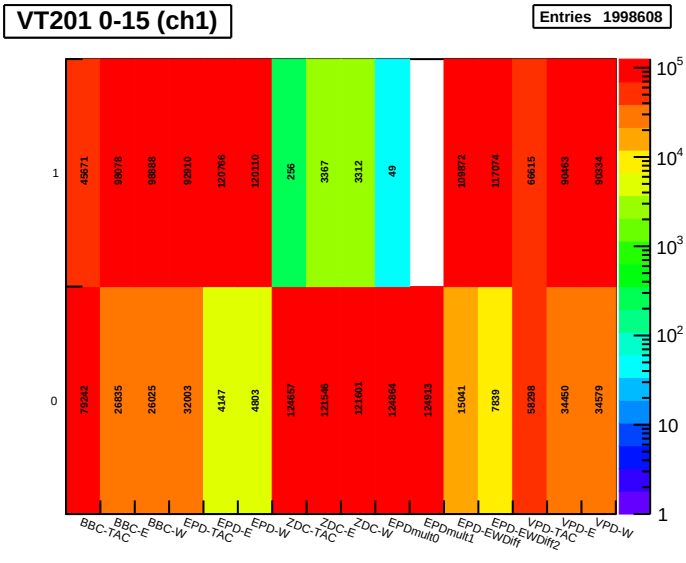

Entries 124913
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

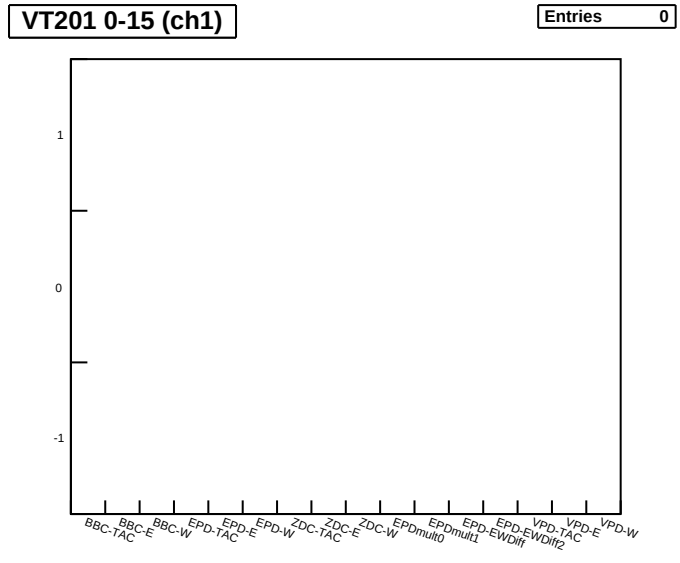

Laser Input Bits
Entries 124913
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

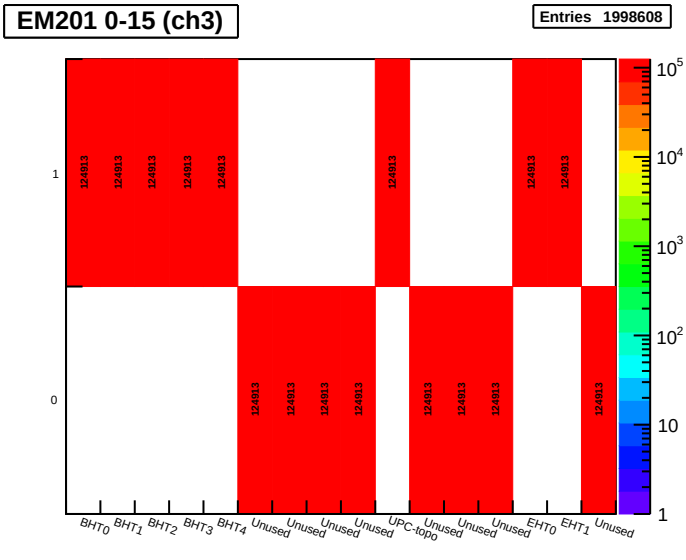

ST201 0-15 (ch6)
Entries 1998608
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
124913
124907
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

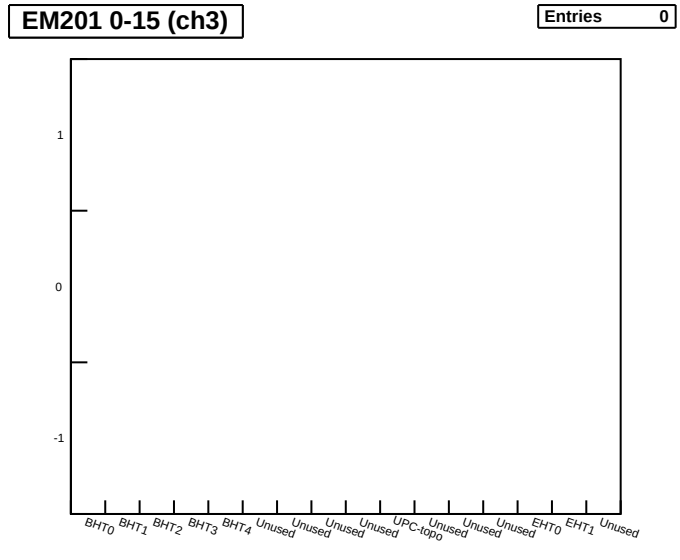

TF201 0-15 (ch0)
Entries 1998608
124913 122398 112914 108030 77807 102734 103393 101610 124913 124913 124913
124913 124913 124913 2515 11999 16883 47106 124913 22179 21520 23303 124913
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 1998608
45671 98078 98888 92910 120766 120110 256 3367 3312 49 109872 117074 66615 90463 90334
79242 26835 26025 32003 4147 4803 124657 121546 121601 124864 124913 15041 7839 58298 34450 34579
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


VT201 0-15 (ch1)
Entries 0
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 1998608
124913 124913 124913 124913 124913 124913 124913 124913
124913 124913 124913 124913 124913 124913 124913 124913
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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