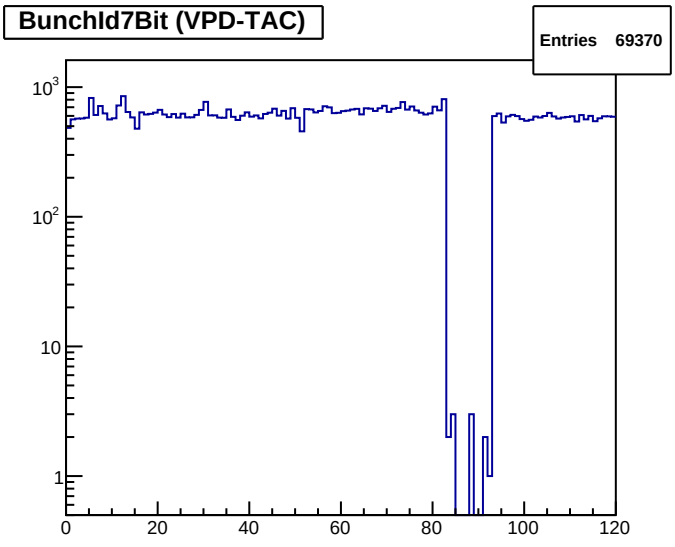
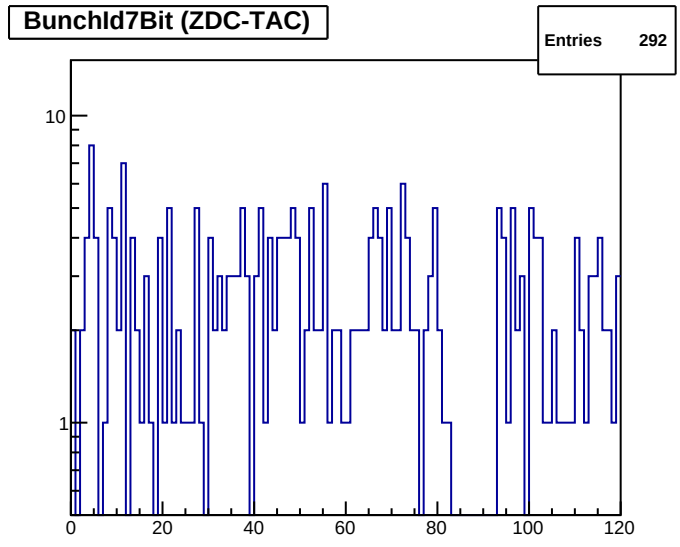
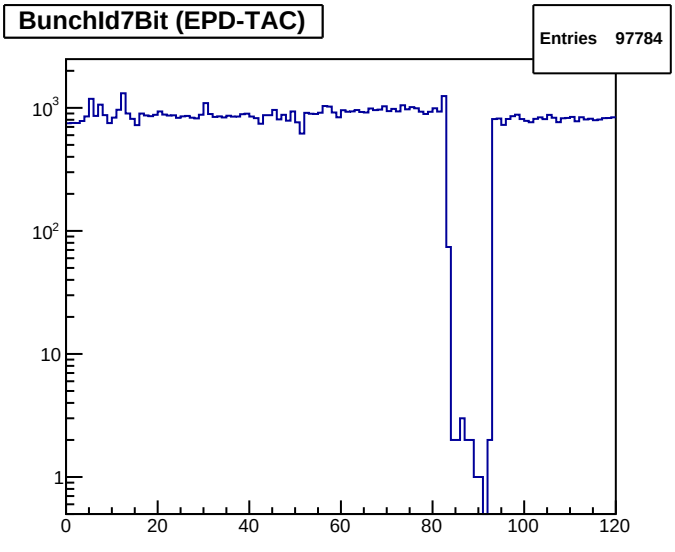
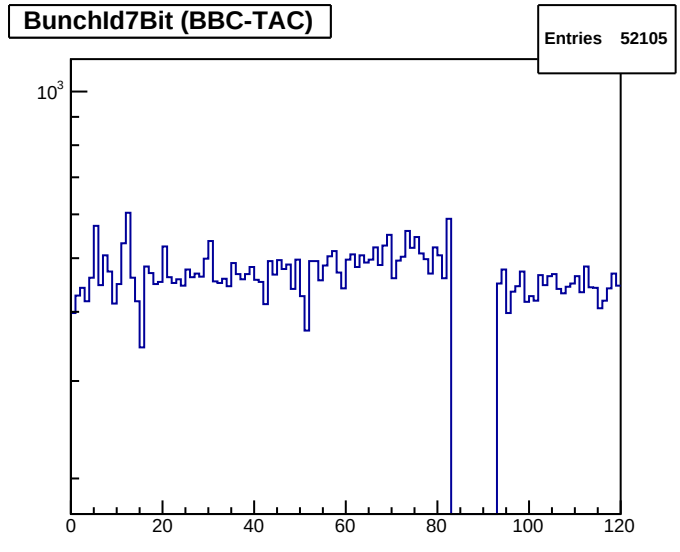
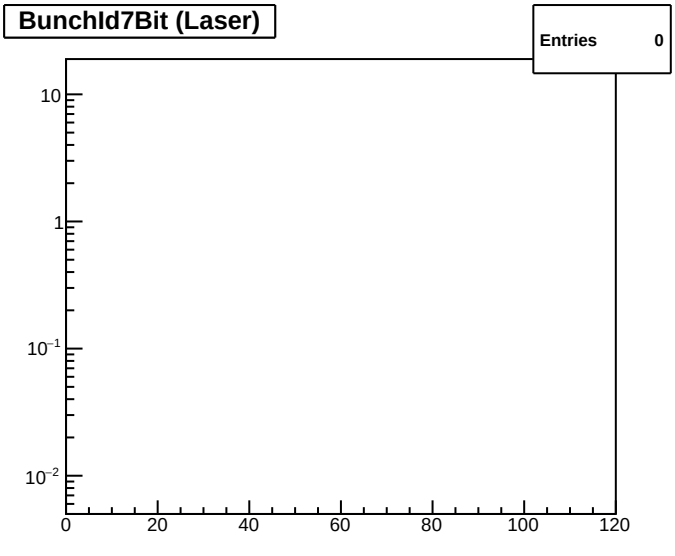
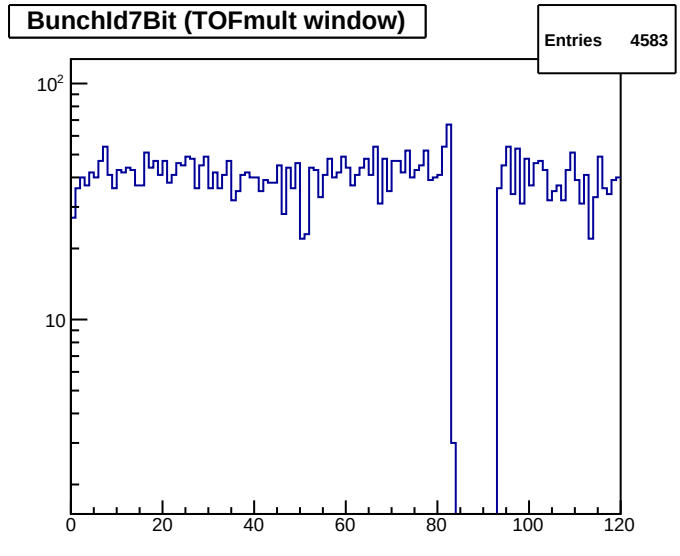

BunchId7Bit (VPD-TAC)
Entries 69370

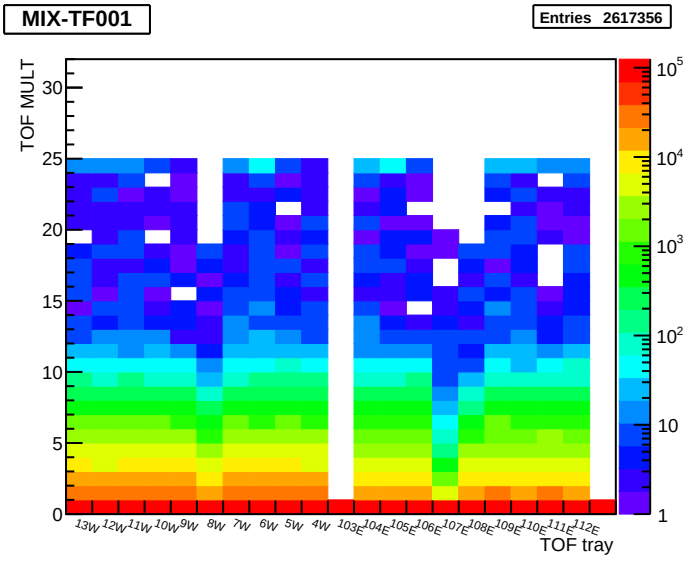

BunchId7Bit (ZDC-TAC)
Entries 292

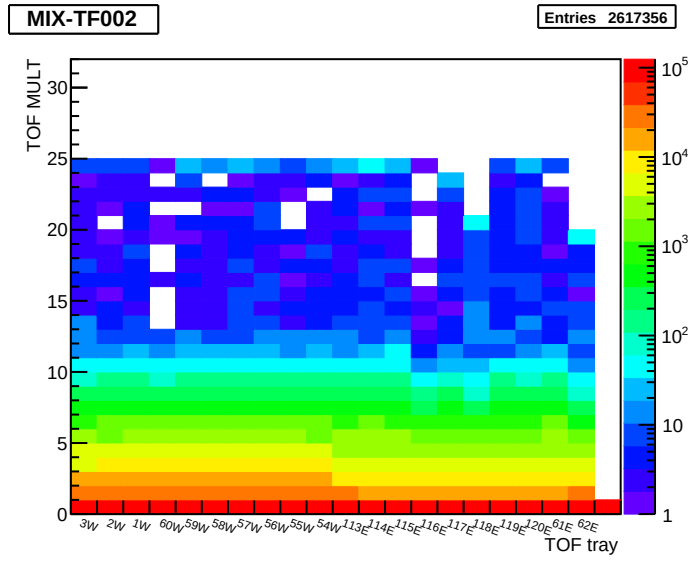

BunchId7Bit (EPD-TAC)
Entries 97784

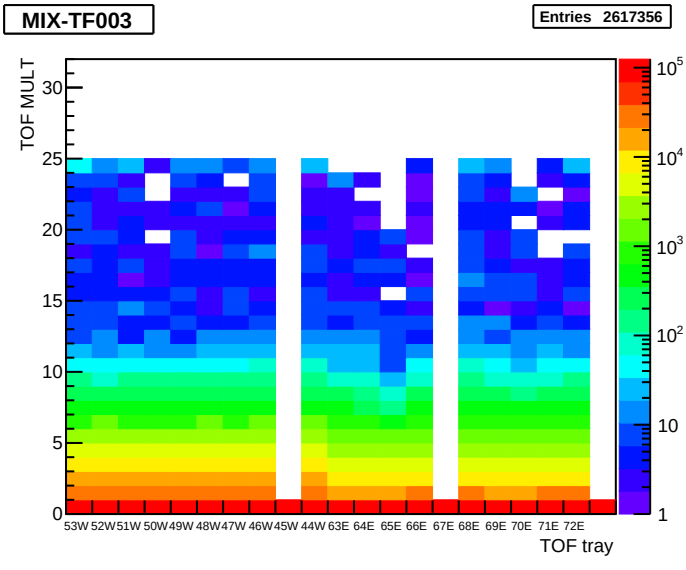

BunchId7Bit (BBC-TAC)
Entries 52105

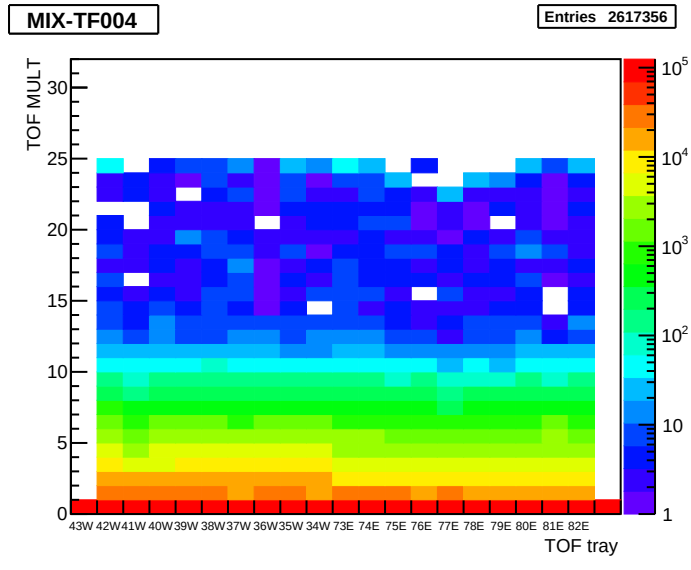

BunchId7Bit (Laser)
Entries 0

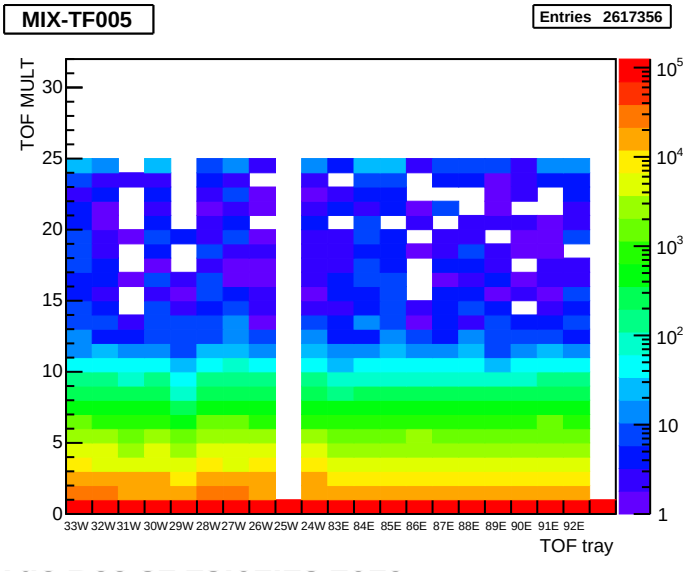

BunchId7Bit (TOFmult window)
Entries 4583

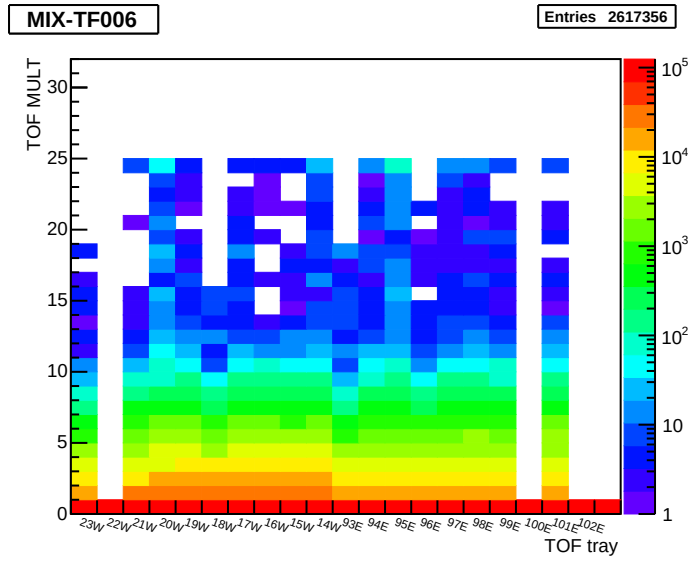

MIX-TF001
Entries 2617356
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

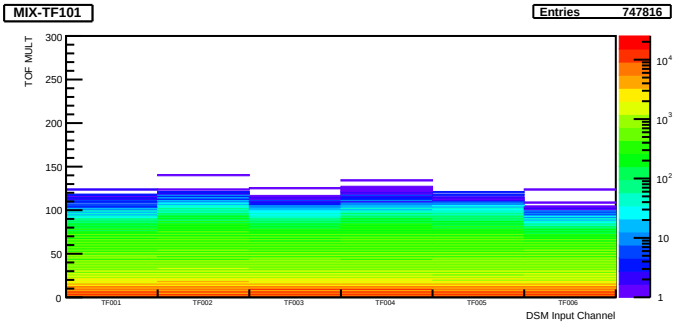

MIX-TF002
Entries 2617356
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

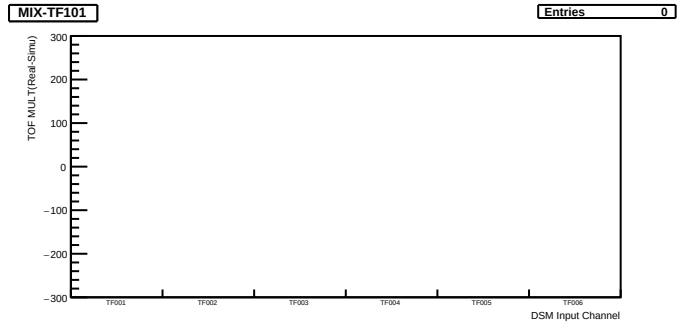

MIX-TF003
Entries 2617356
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

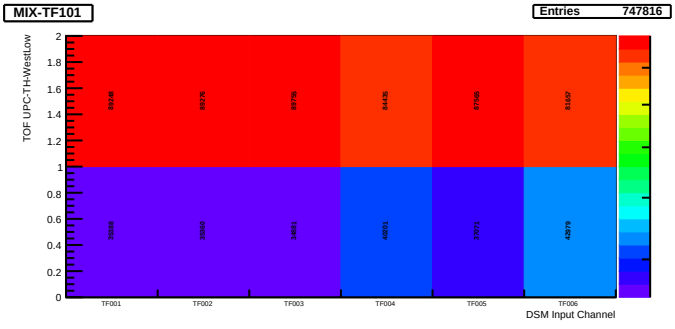

MIX-TF004
Entries 2617356
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

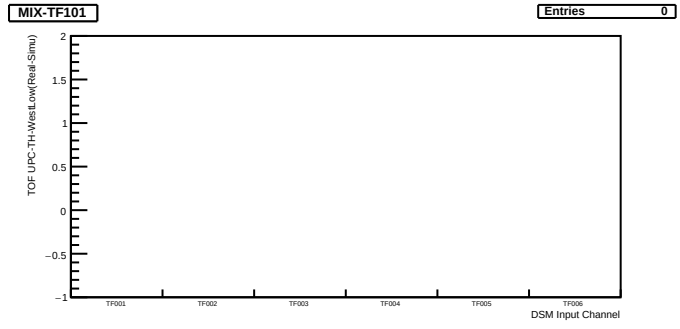

MIX-TF005
Entries 2617356
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

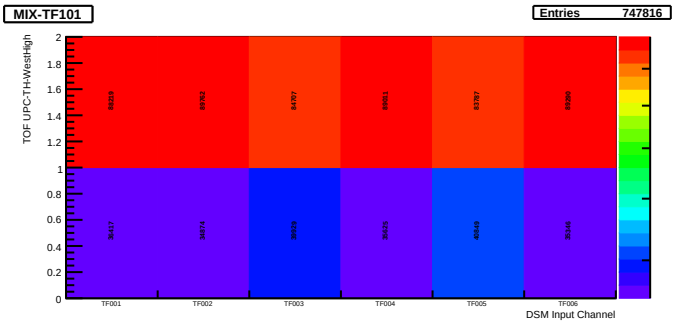

MIX-TF006
Entries 2617356
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

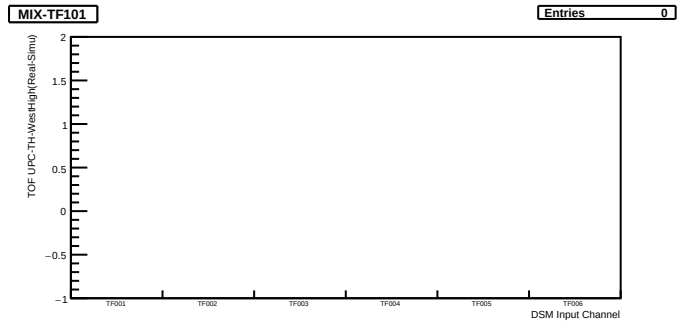

MIX-TF101
Entries 747816
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

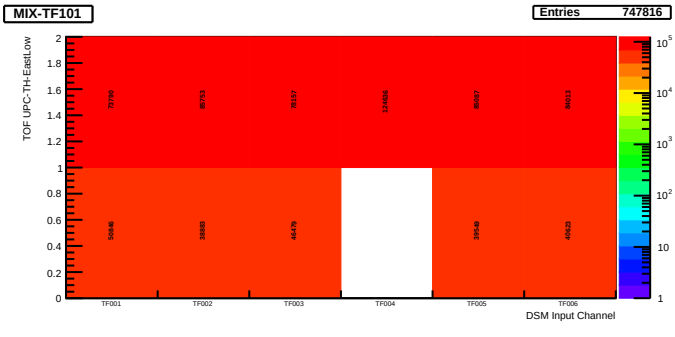

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

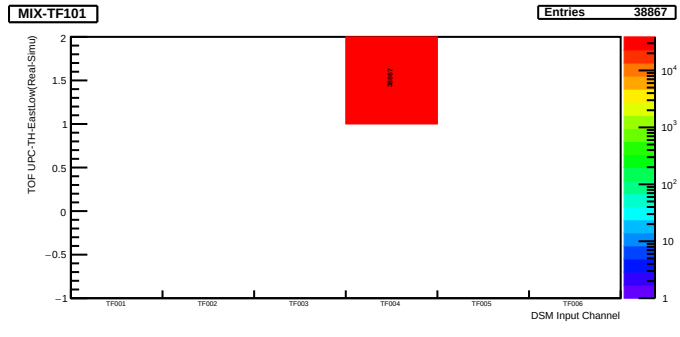

MIX-TF101
Entries 747816
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

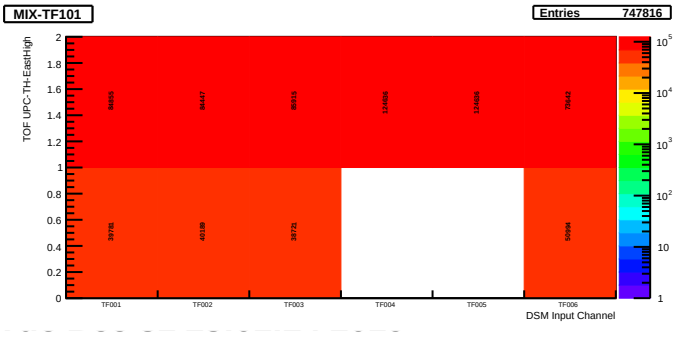

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

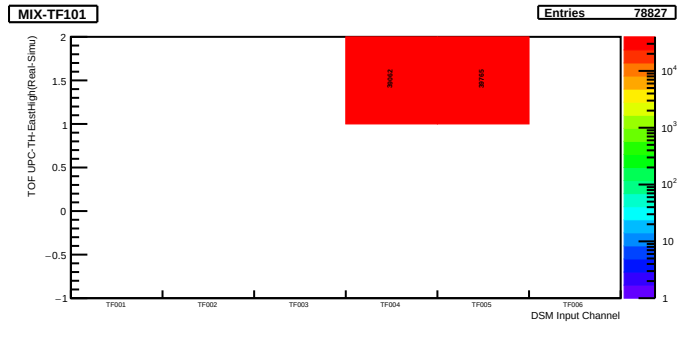

MIX-TF101
Entries 747816
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

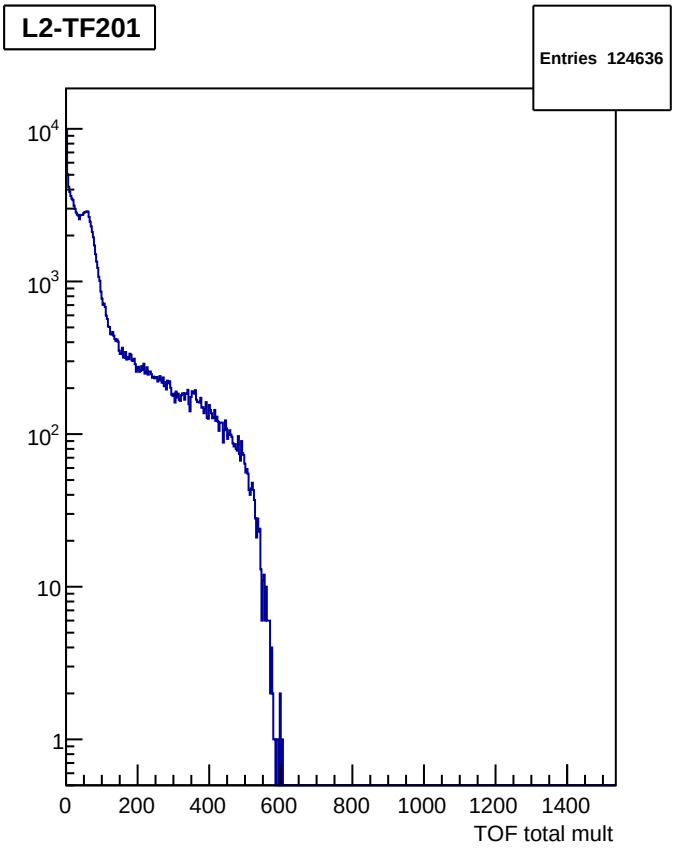

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

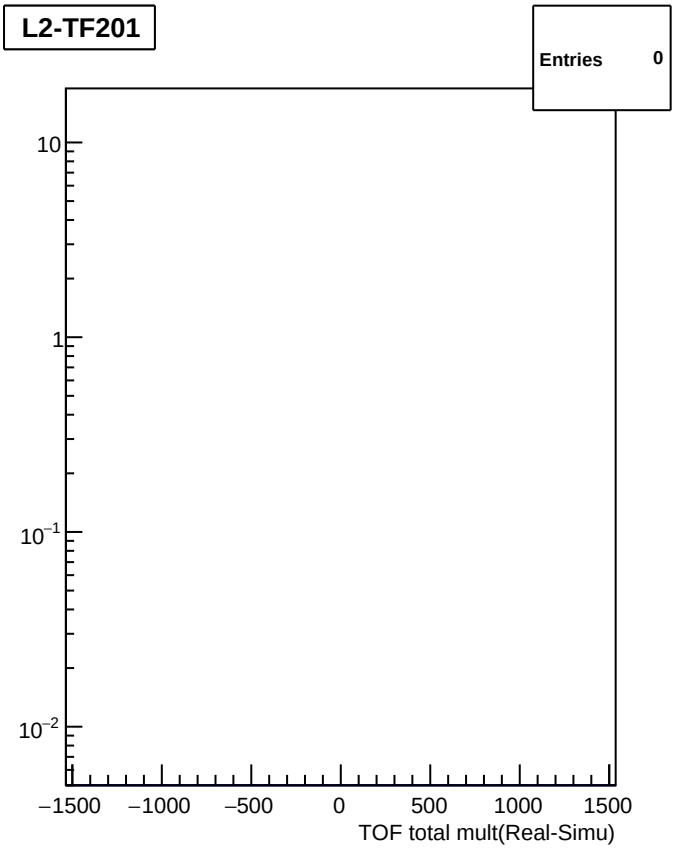

MIX-TF101
Entries 747816
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

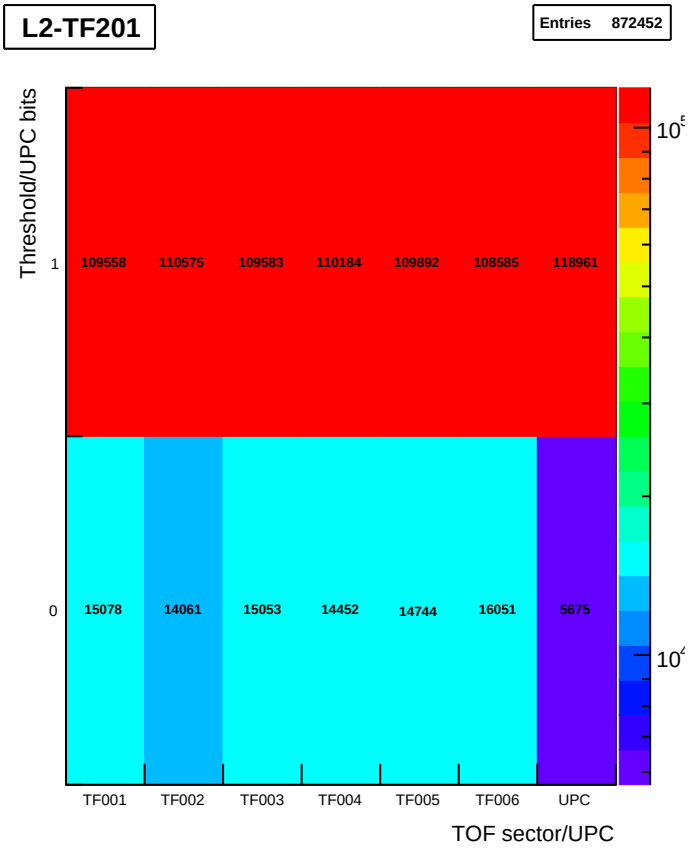

MIX-TF101
Entries 38867
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

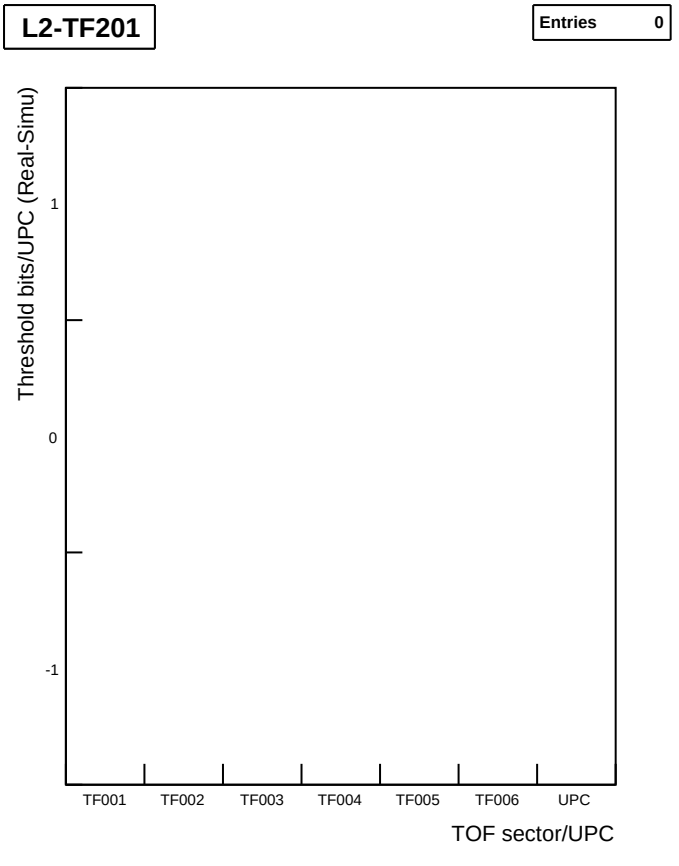

MIX-TF101
Entries 747816
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

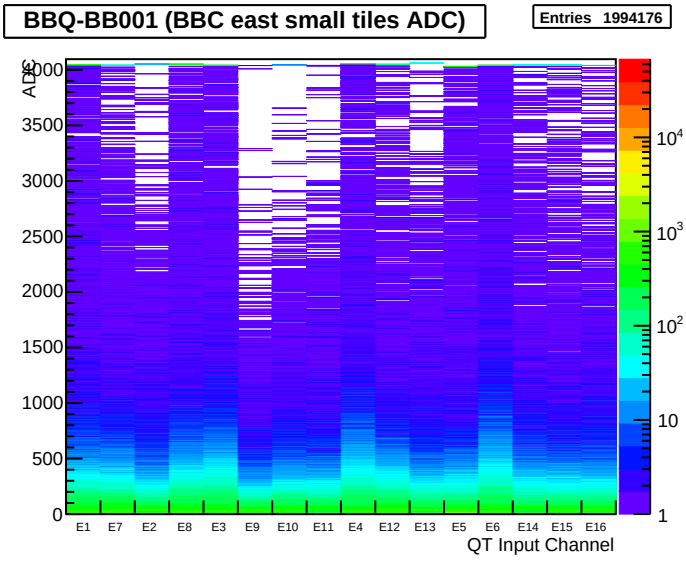

MIX-TF101
Entries 78827
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

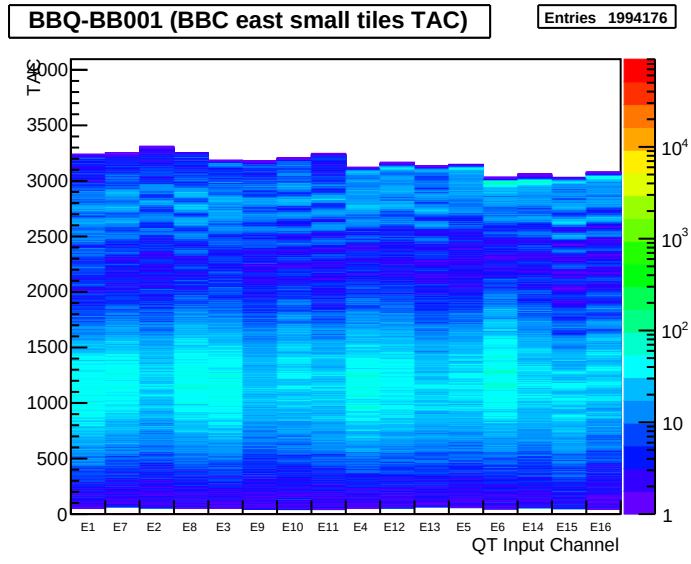

L2-TF201
Entries 124636
TOF total mult

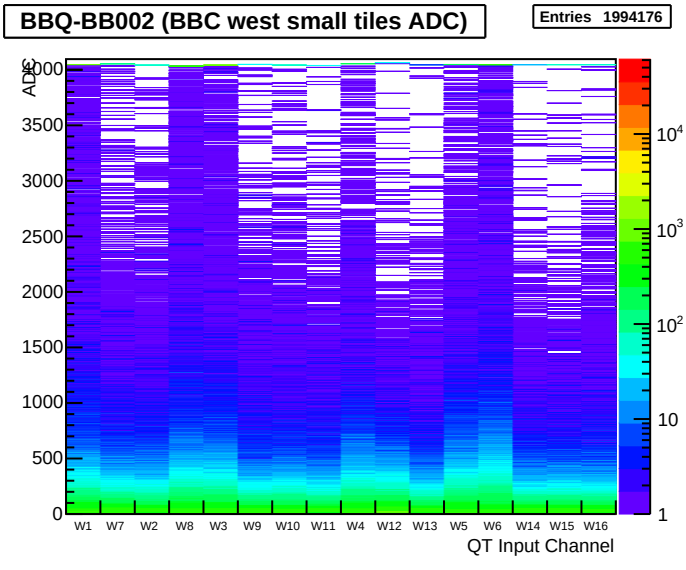

L2-TF201
Entries 0
TOF total mult(Real-Simu)

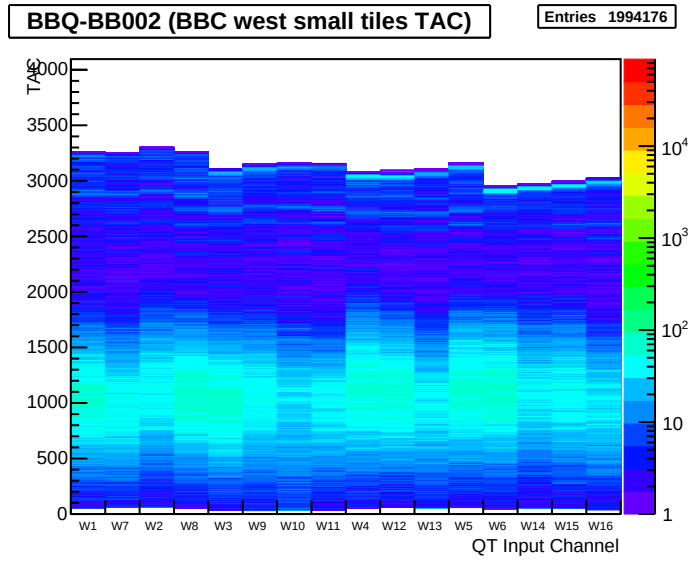

L2-TF201
Entries 872452
Threshold/UPC bits
109558
110575
109583
110184
109892
108585
118961
15078
14061
15053
14452
14744
16051
5675
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

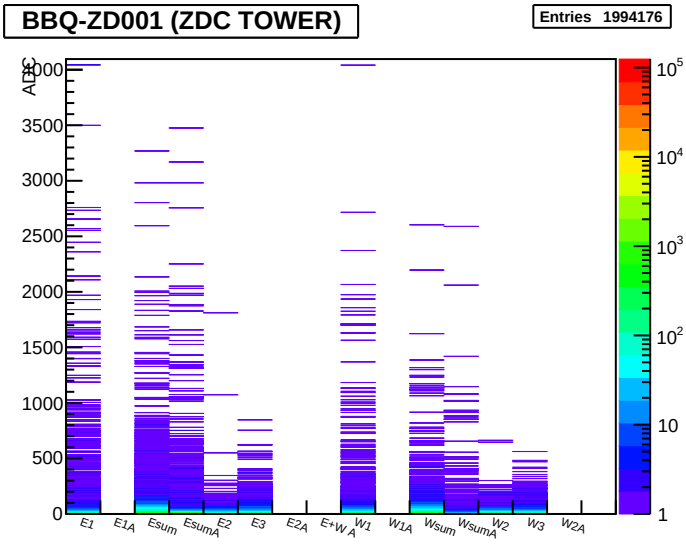

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

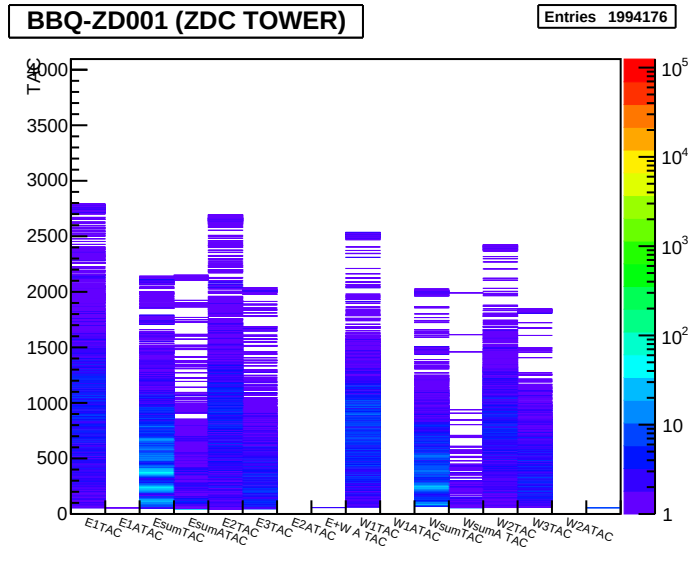

BBQ-BB001 (BBC east small tiles ADC)
Entries 1994176
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

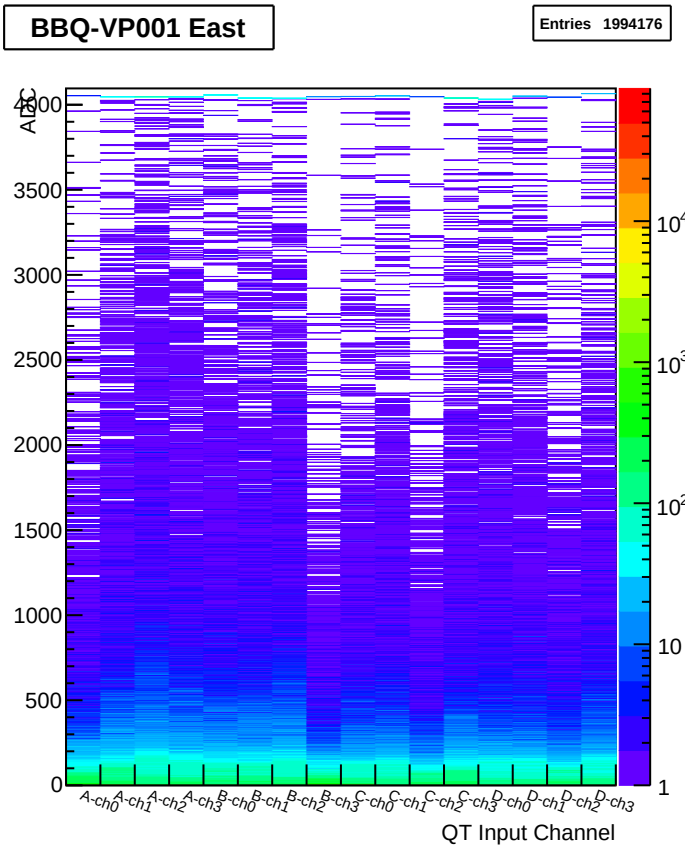

BBQ-BB001 (BBC east small tiles TAC)
Entries 1994176
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

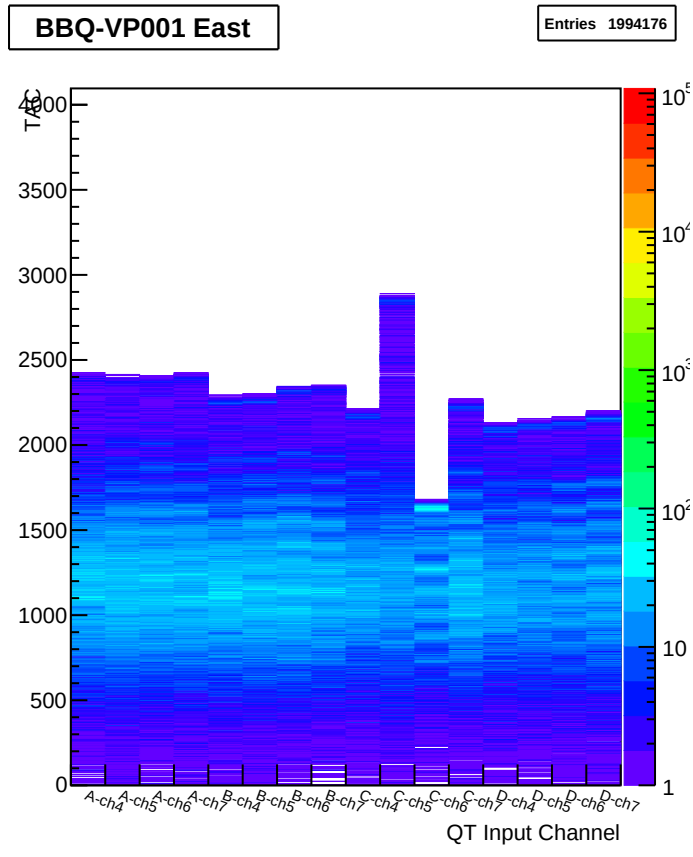

BBQ-BB002 (BBC west small tiles ADC)
Entries 1994176
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

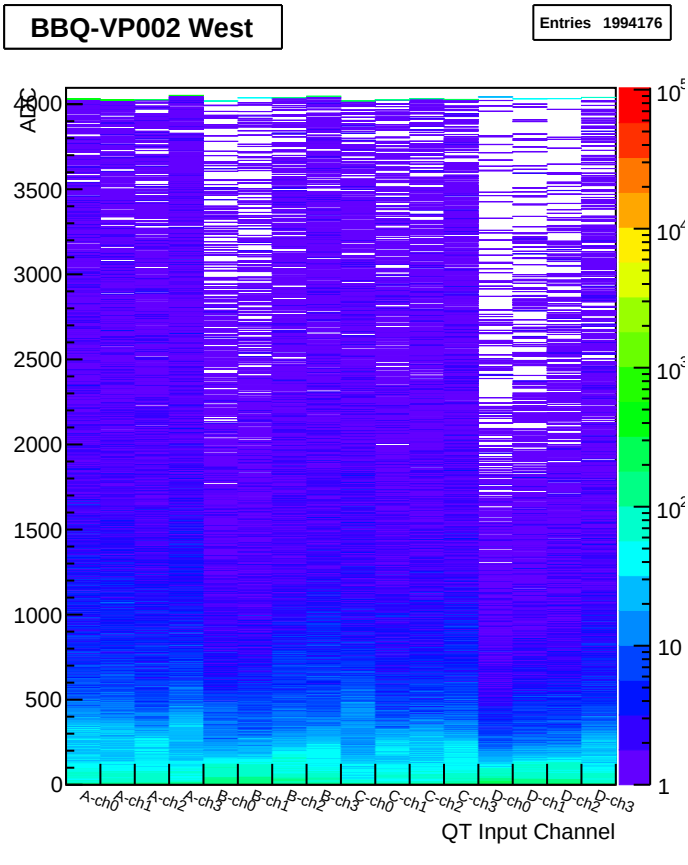

BBQ-BB002 (BBC west small tiles TAC)
Entries 1994176
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

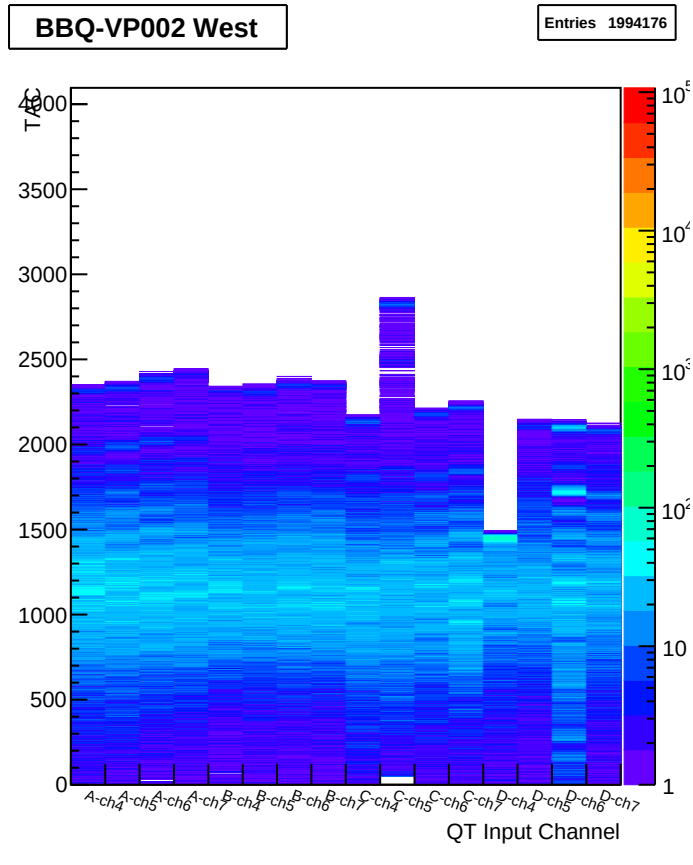

BBQ-ZD001 (ZDC TOWER)
Entries 1994176
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

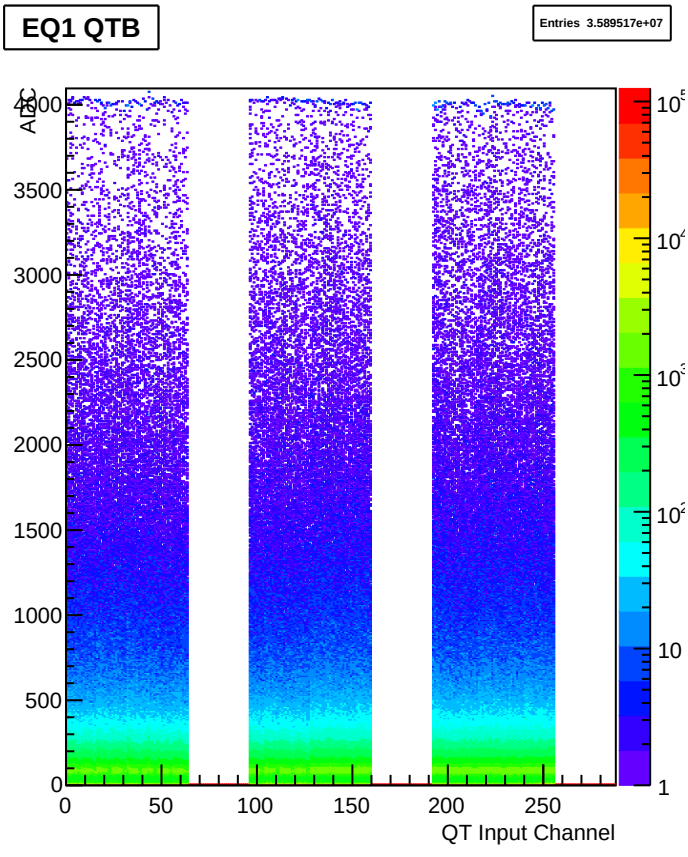

BBQ-ZD001 (ZDC TOWER)
Entries 1994176
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

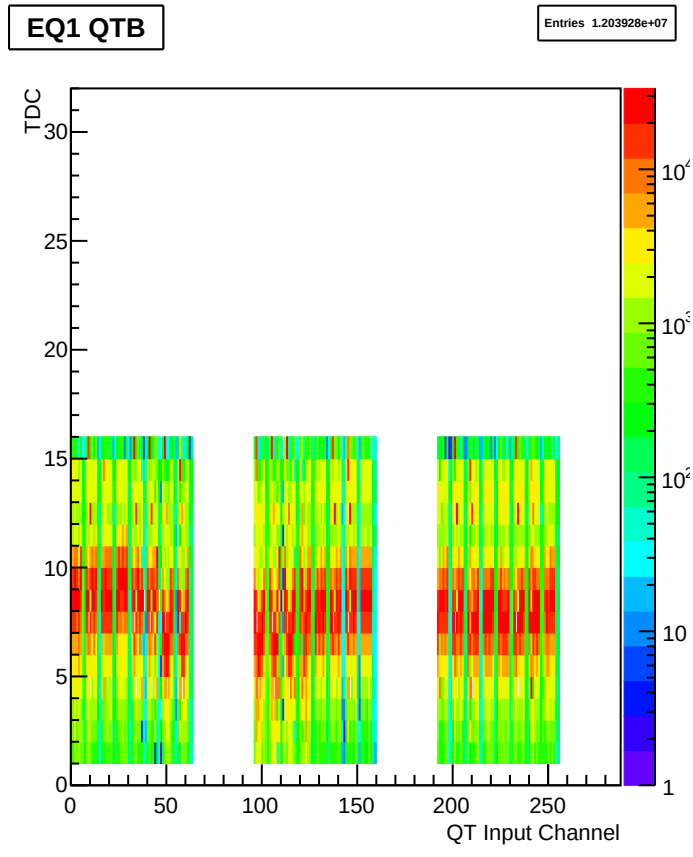

BBQ-VP001 East
Entries 1994176
ADC
QT Input Channel

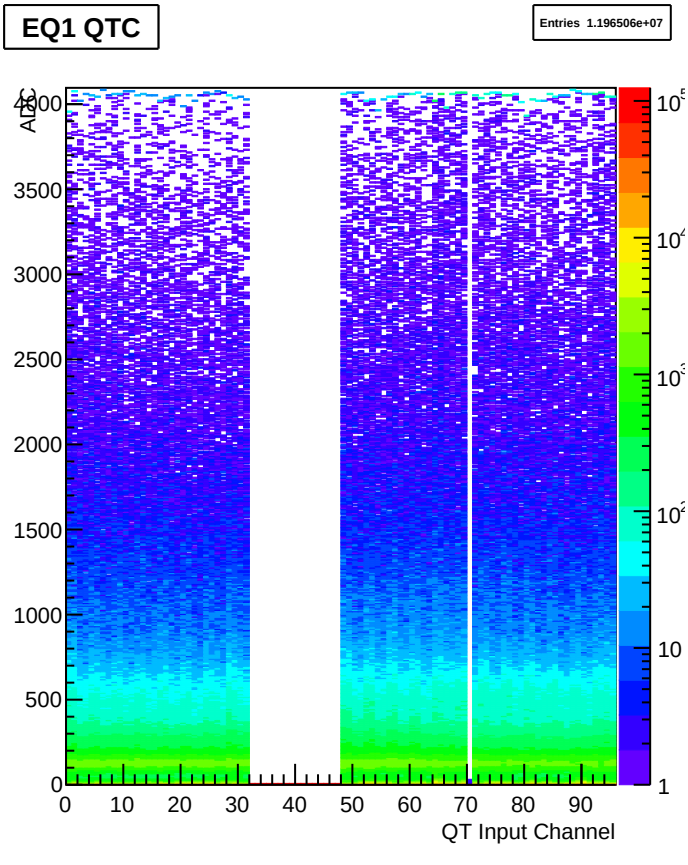

BBQ-VP001 East
Entries 1994176
TADC
QT Input Channel

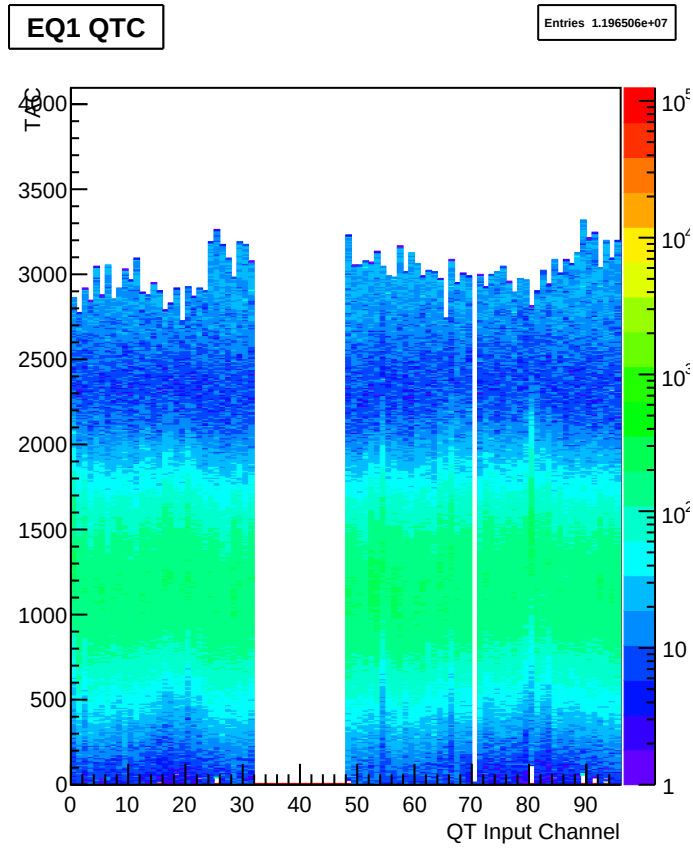

BBQ-VP002 West
Entries 1994176
ADC
QT Input Channel

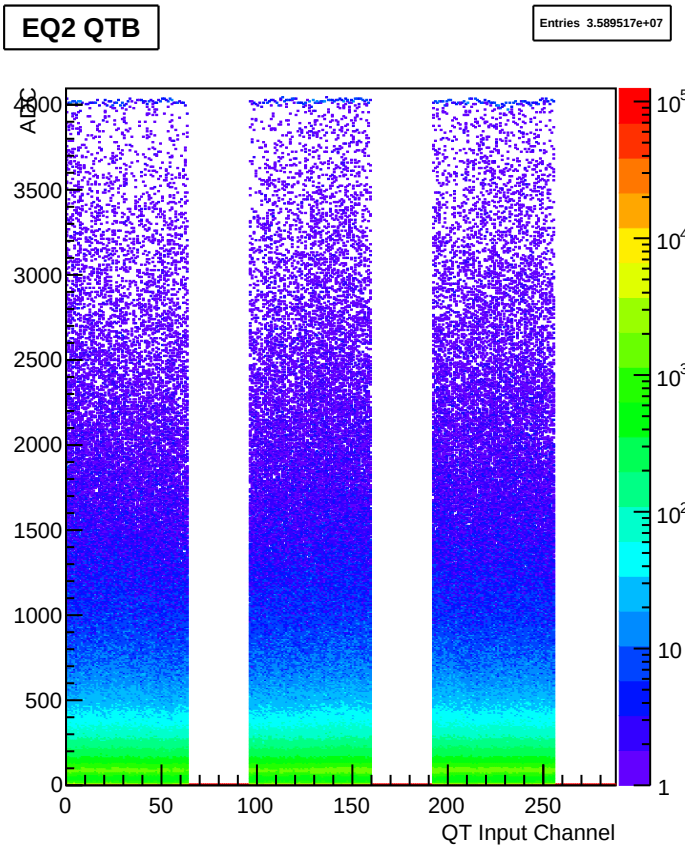

BBQ-VP002 West
Entries 1994176
TADC
QT Input Channel

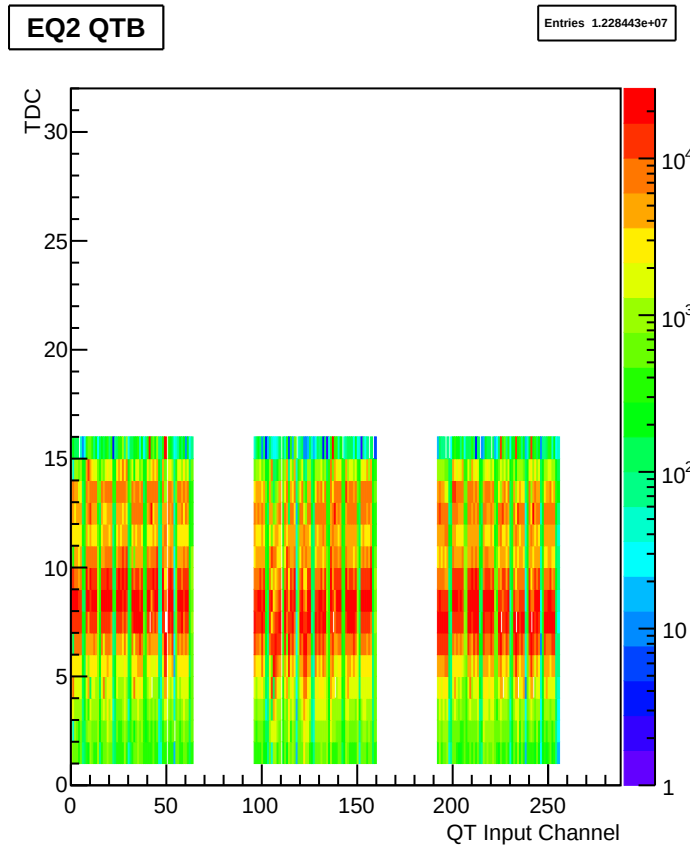

EQ1 QTB
Entries 3.589517e+07
ADC
QT Input Channel

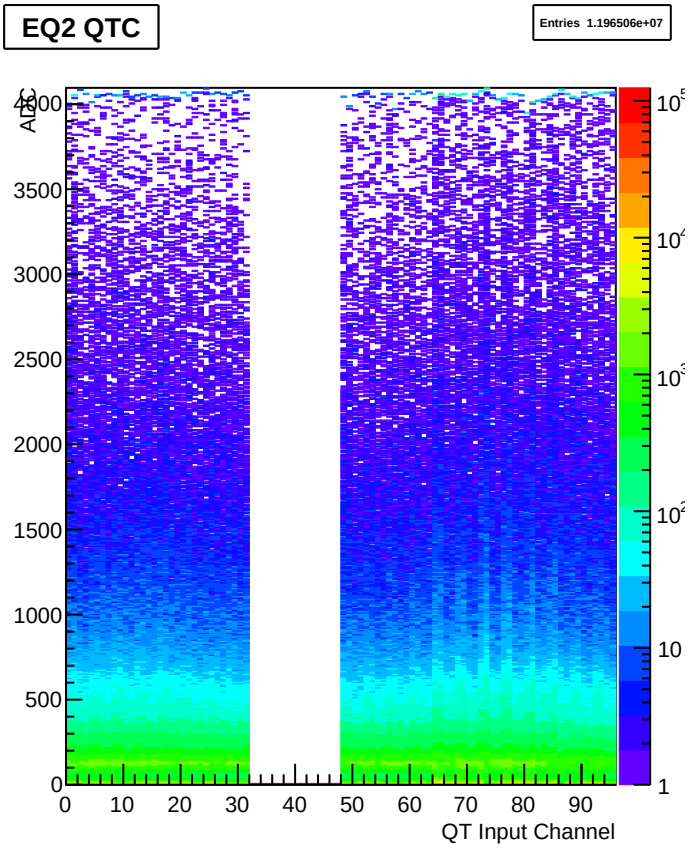

EQ1 QTB
Entries 1.203928e+07
TDC
QT Input Channel

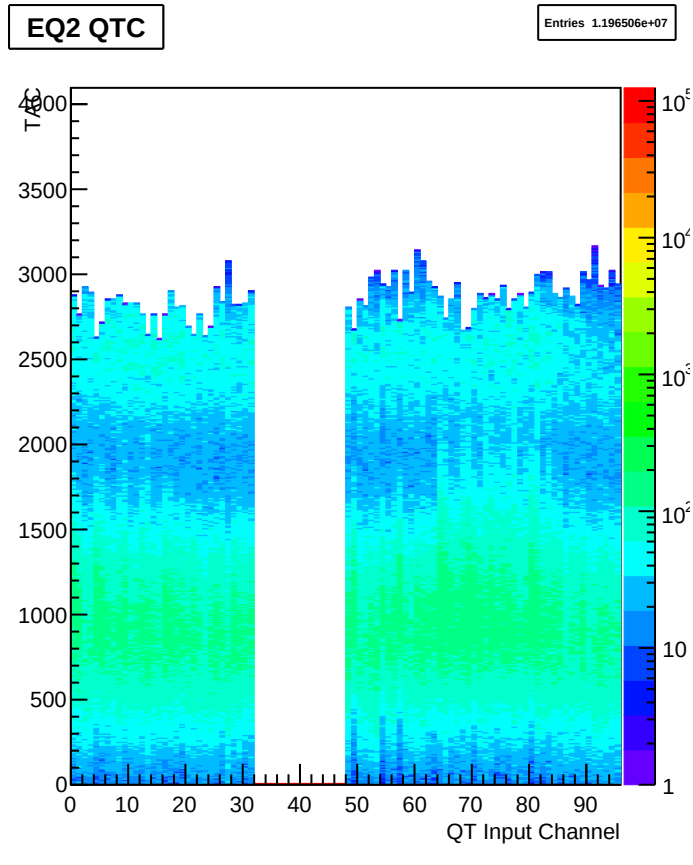

EQ1 QTC
Entries 1.196506e+07
ADC
QT Input Channel

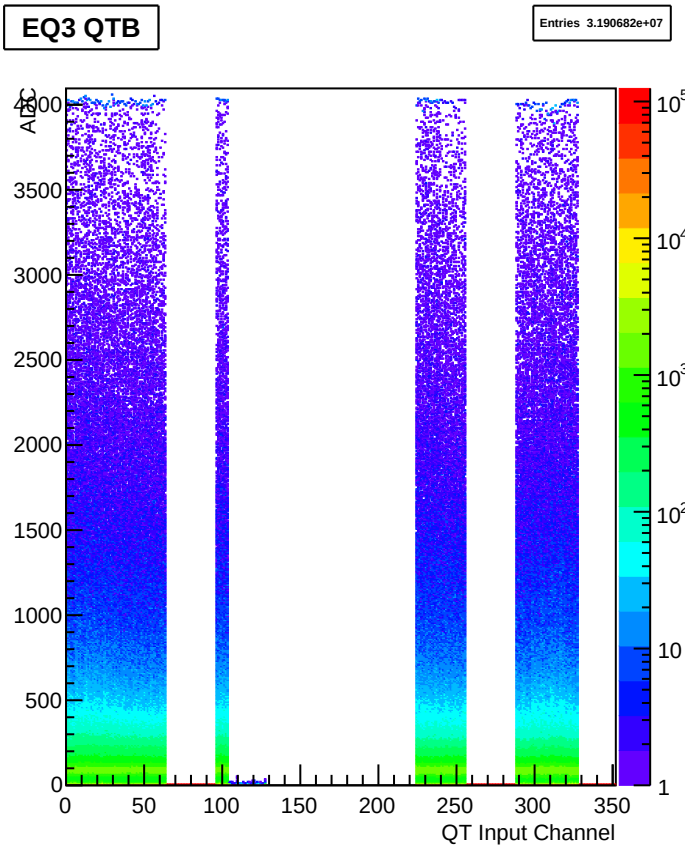

EQ1 QTC
Entries 1.196506e+07
TADC
QT Input Channel

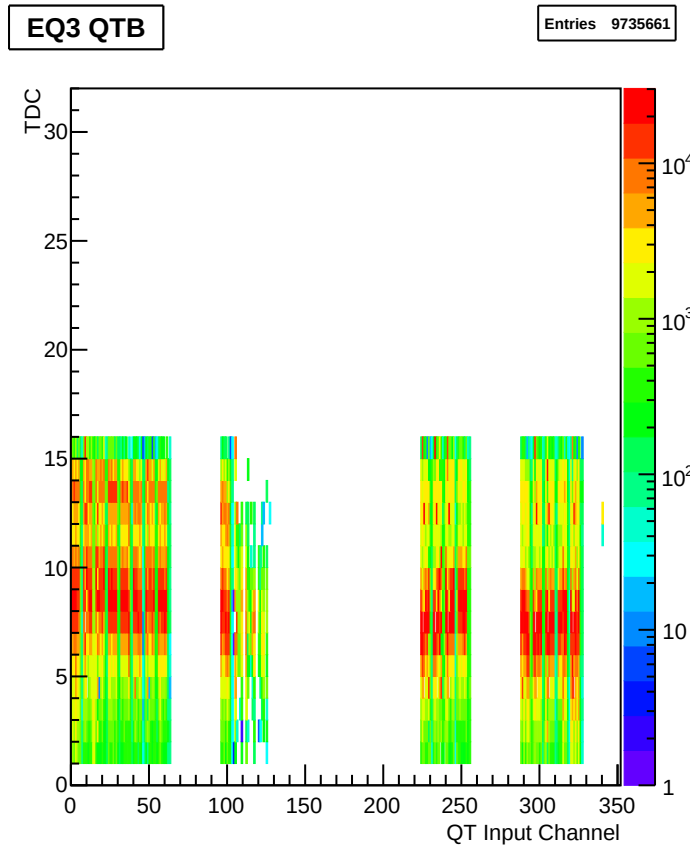

EQ2 QTB
Entries 3.589517e+07
ADC
QT Input Channel

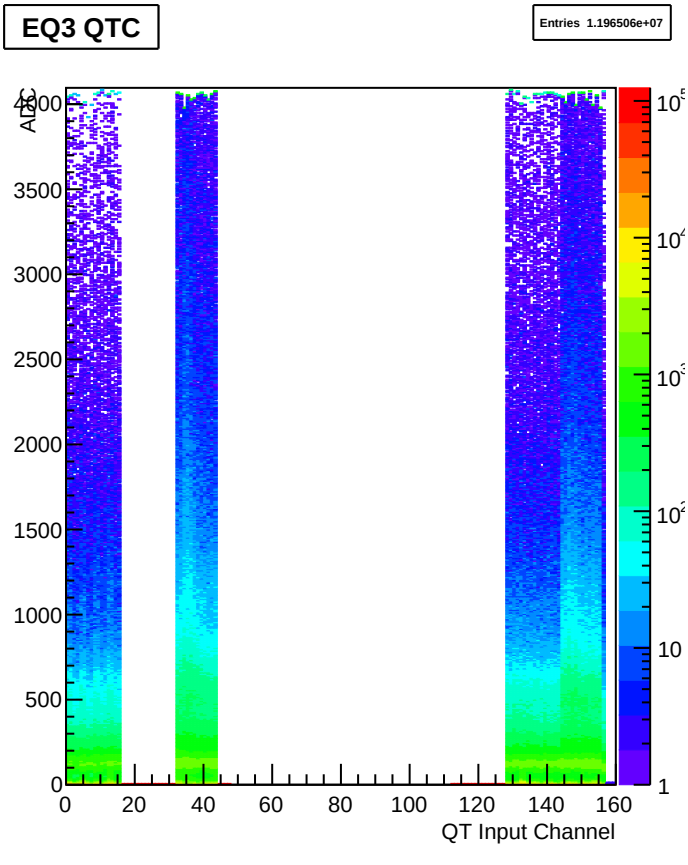

EQ2 QTB
Entries 1.228443e+07
TDC
QT Input Channel

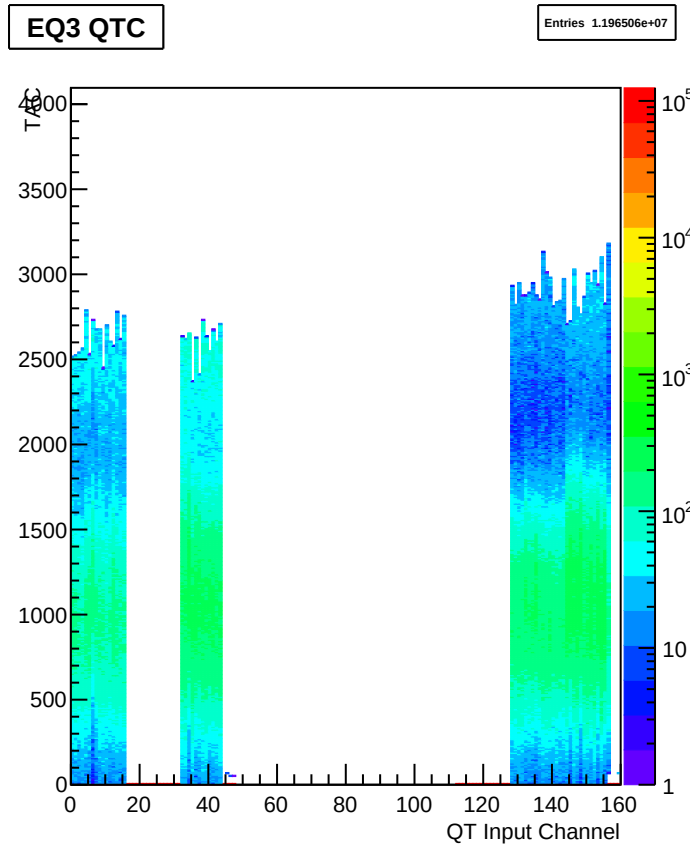

EQ2 QTC
Entries 1.196506e+07
ADC
QT Input Channel

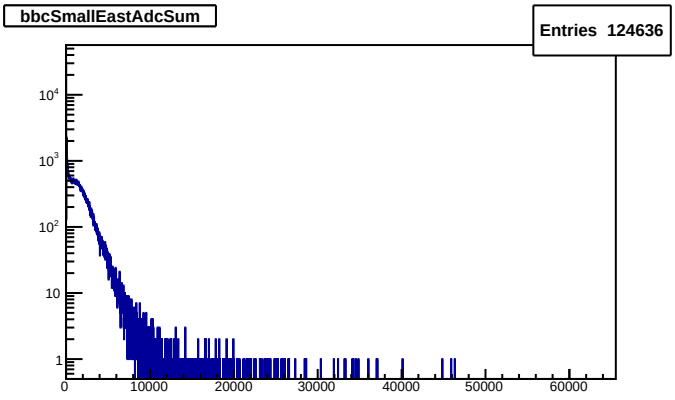

EQ2 QTC
Entries 1.196506e+07
TADC
QT Input Channel

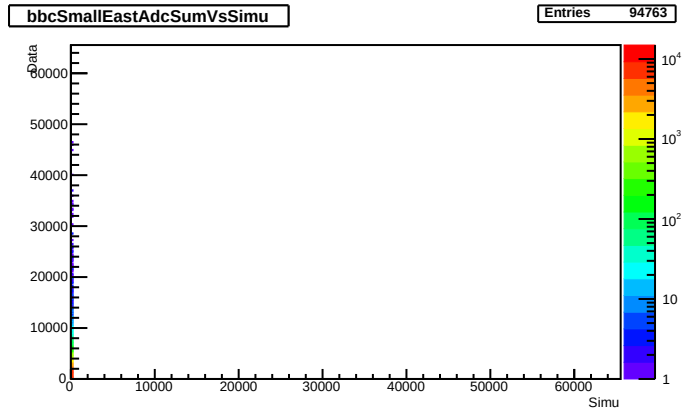

EQ3 QTB
Entries 3.190682e+07
ADC
QT Input Channel

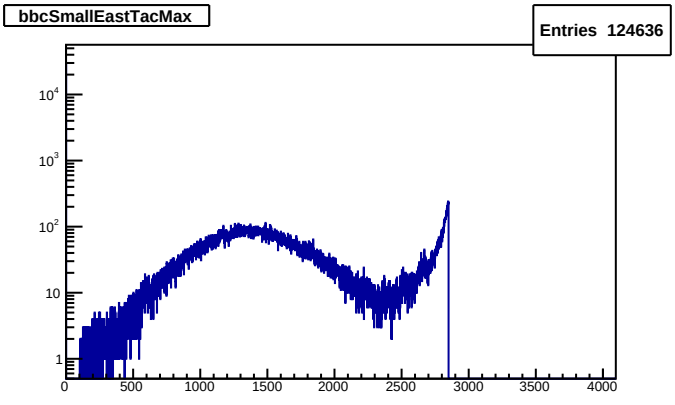

EQ3 QTB
Entries 9735661
TDC
QT Input Channel

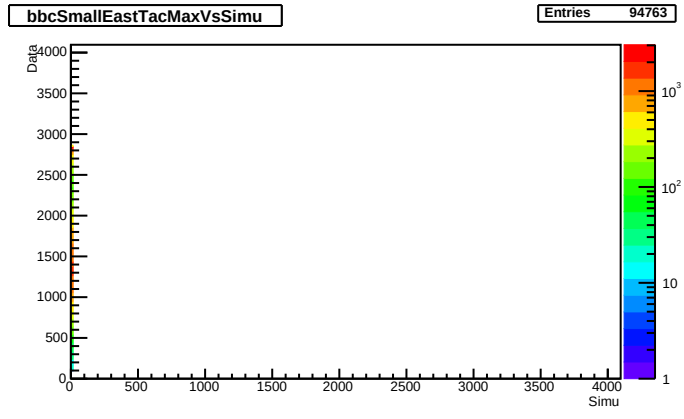

EQ3 QTC
Entries 1.196506e+07
ADC
QT Input Channel

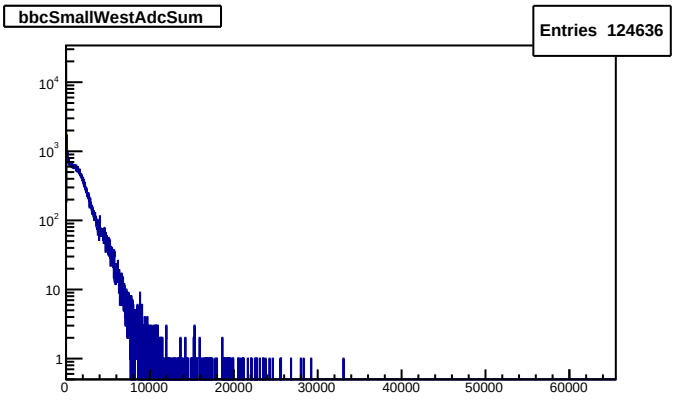

EQ3 QTC
Entries 1.196506e+07
TADC
QT Input Channel

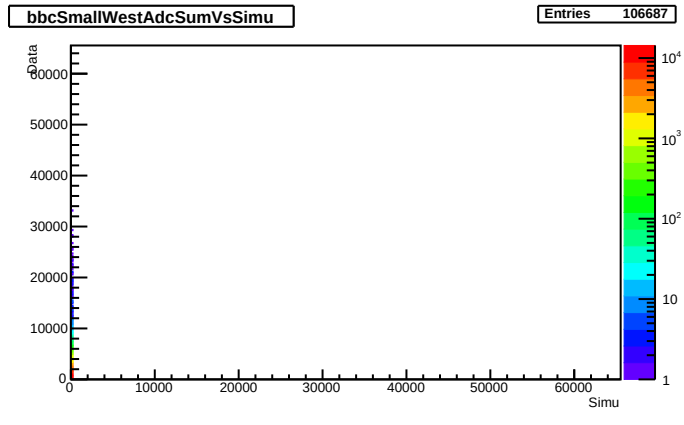

bbcSmallEastAdcSum
Entries 124636

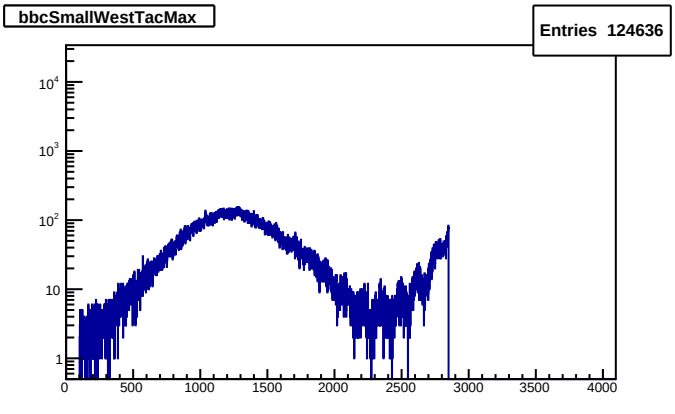

bbcSmallEastAdcSumVsSimu
Entries 94763
Data
Simu

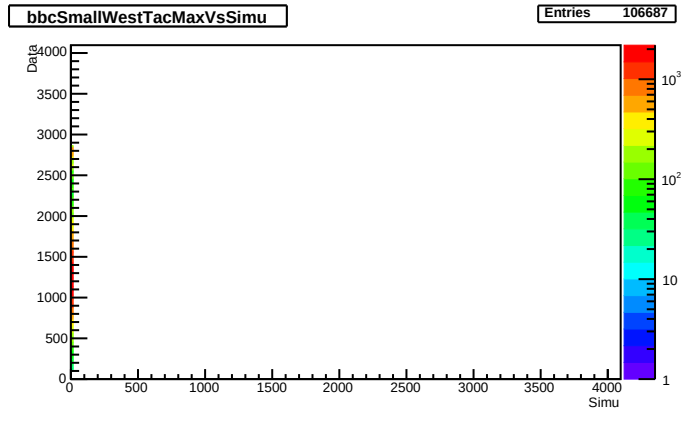

bbcSmallEastTacMax
Entries 124636

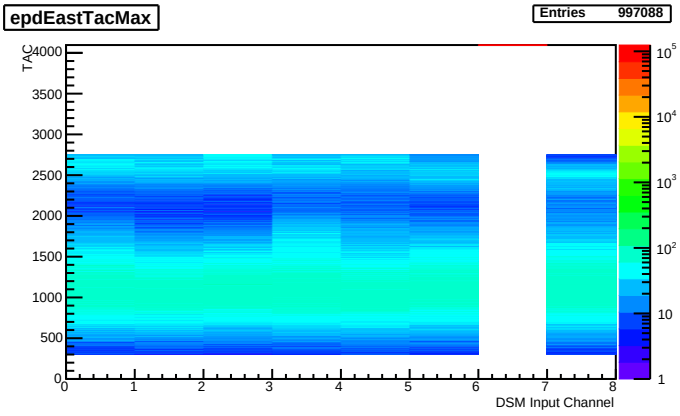

bbcSmallEastTacMaxVsSimu
Entries 94763
Data
Simu

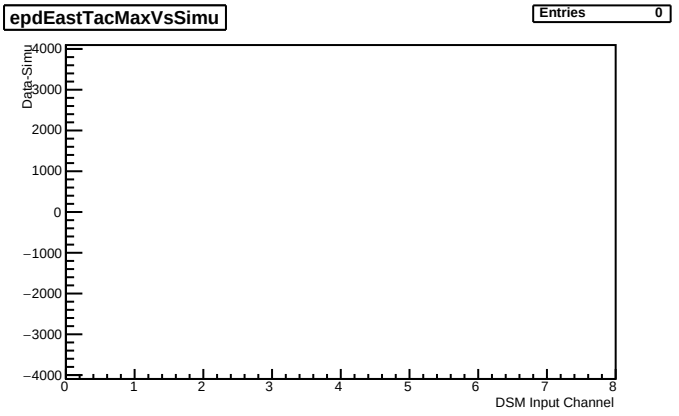

bbcSmallWestAdcSum
Entries 124636

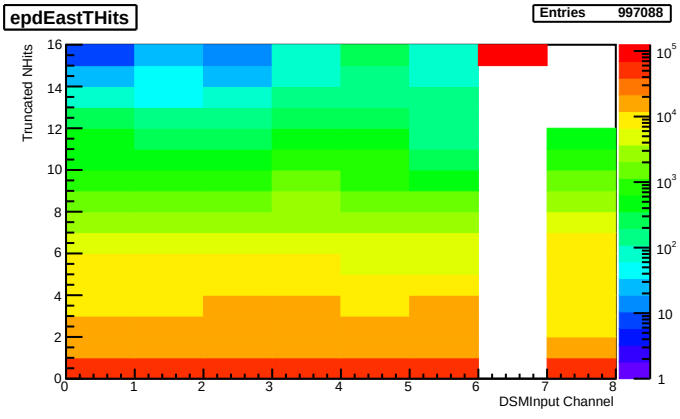

bbcSmallWestAdcSumVsSimu
Entries 106687
Data
Simu

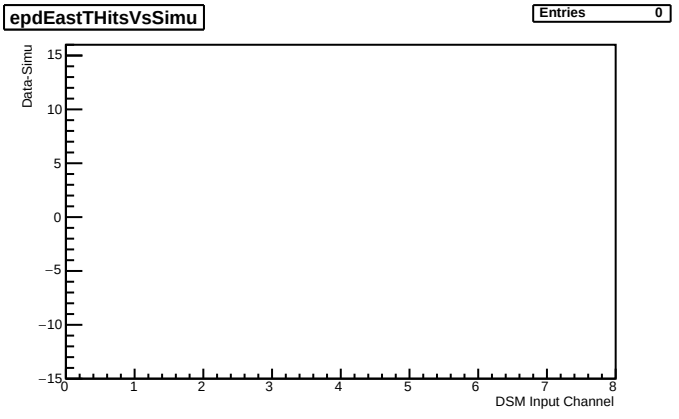

bbcSmallWestTacMax
Entries 124636


bbcSmallWestTacMaxVsSimu
Entries 106687
Data
Simu


epdEastTacMax
Entries 997088
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 997088
Truncated NHits
DSMInput Channel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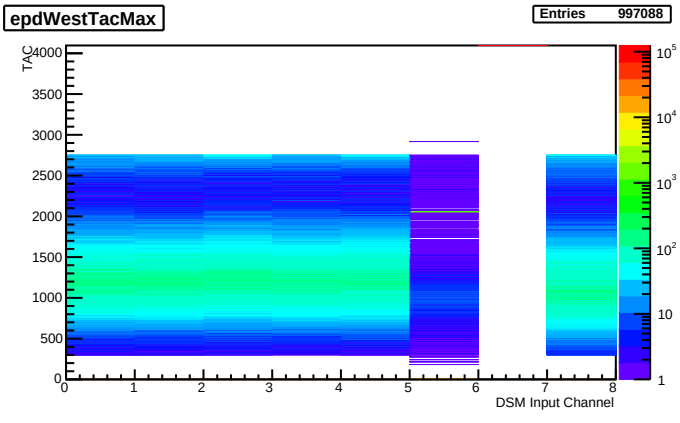
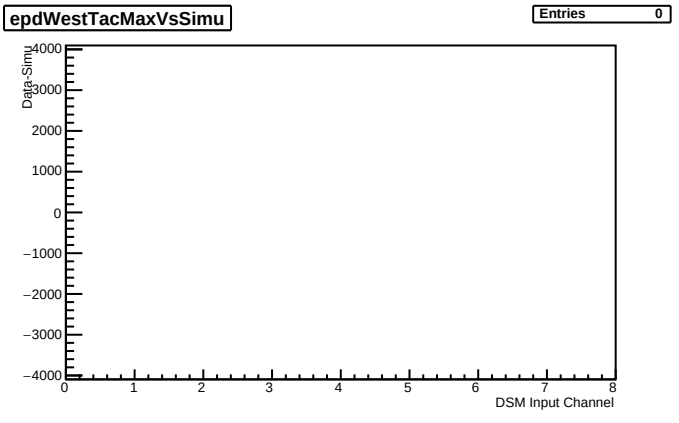
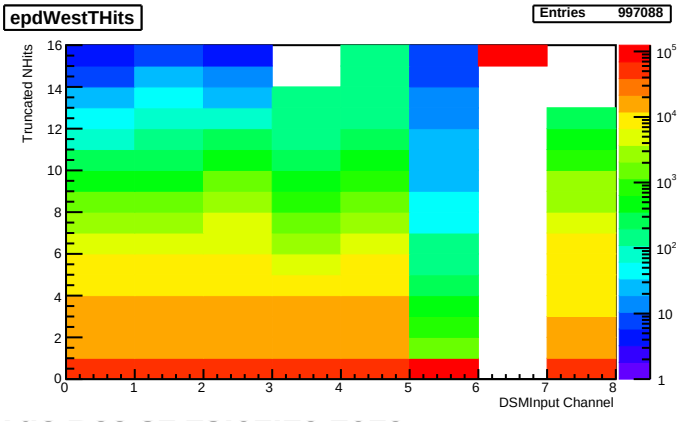
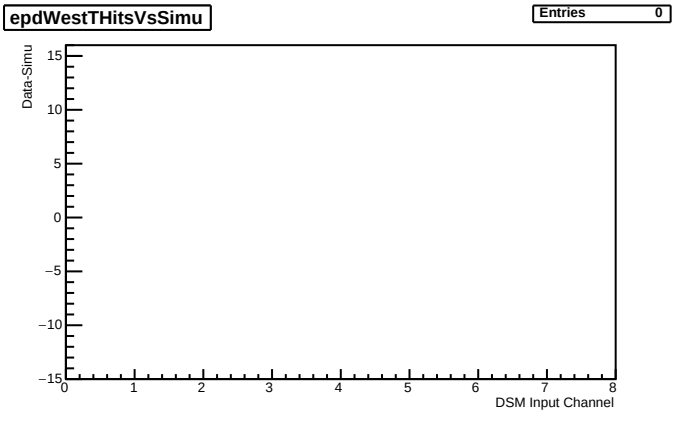
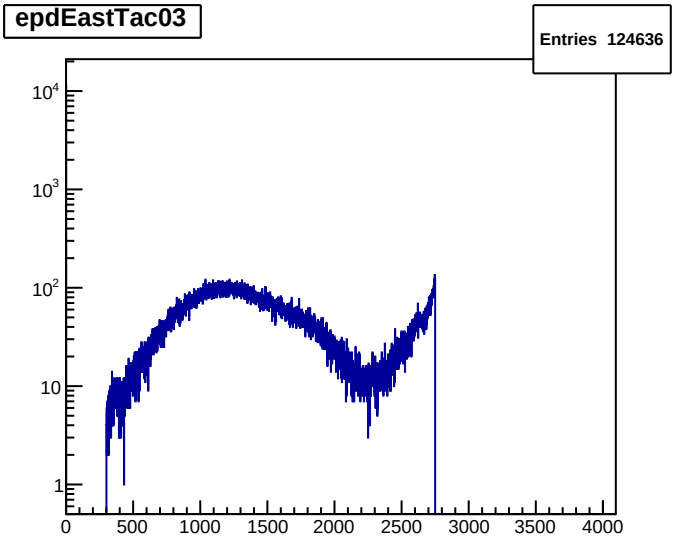
Entries 0
Data-Simu
DSM Input Channel

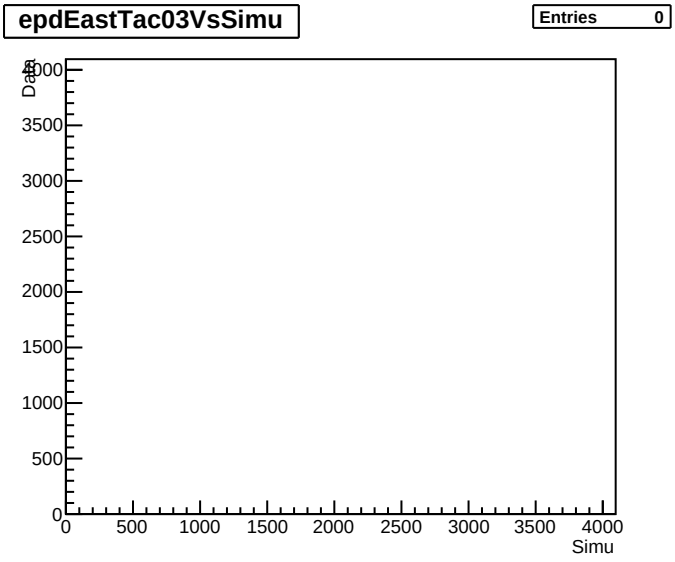

epdWestTacMax
Entries 997088
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 997088
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 124636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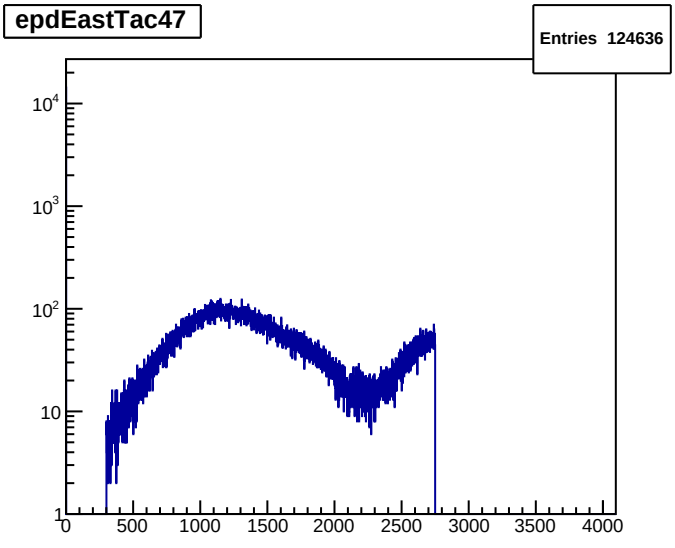
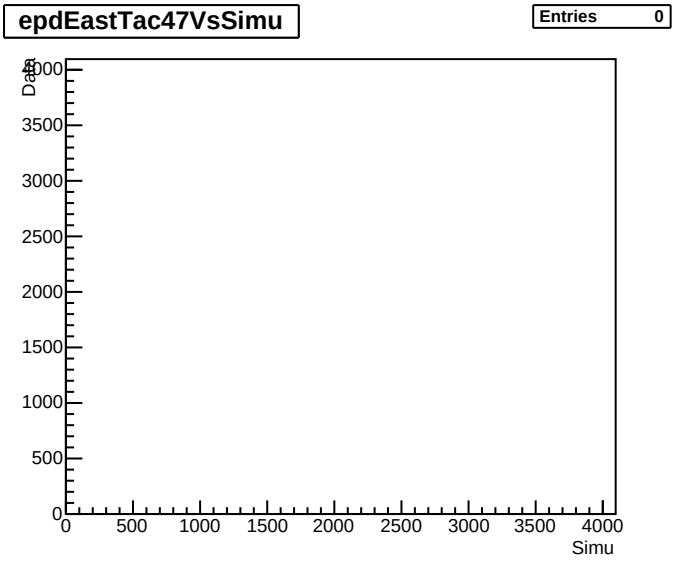
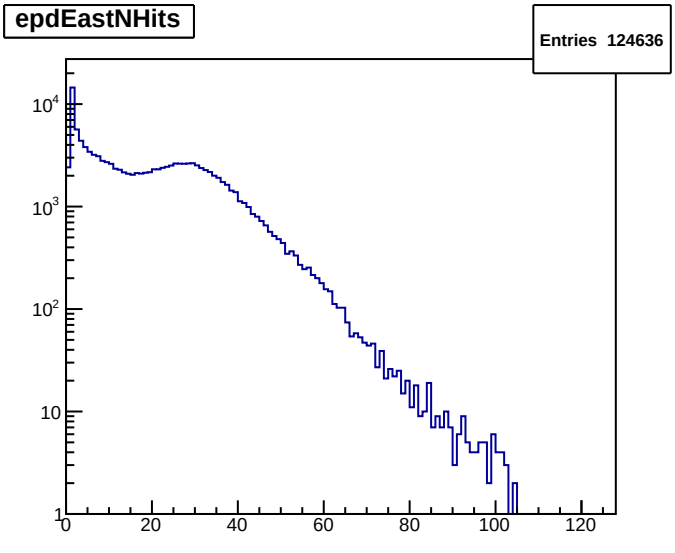
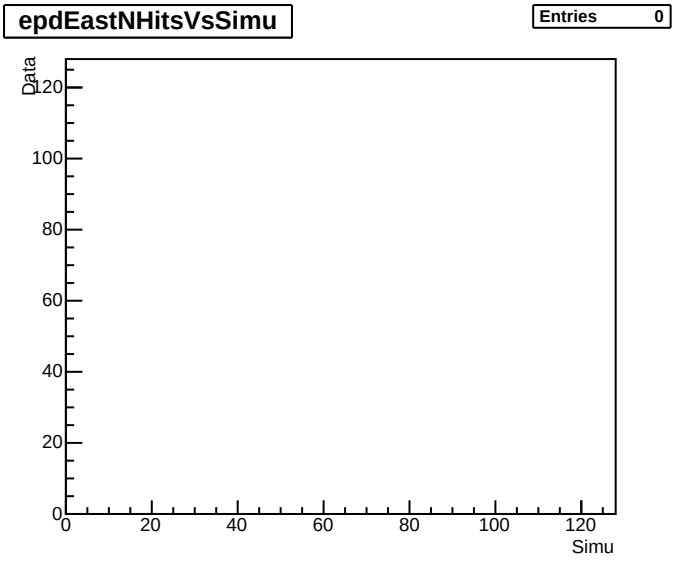
Entries 0
Data
Simu


epdEastTac47
Entries 124636


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 124636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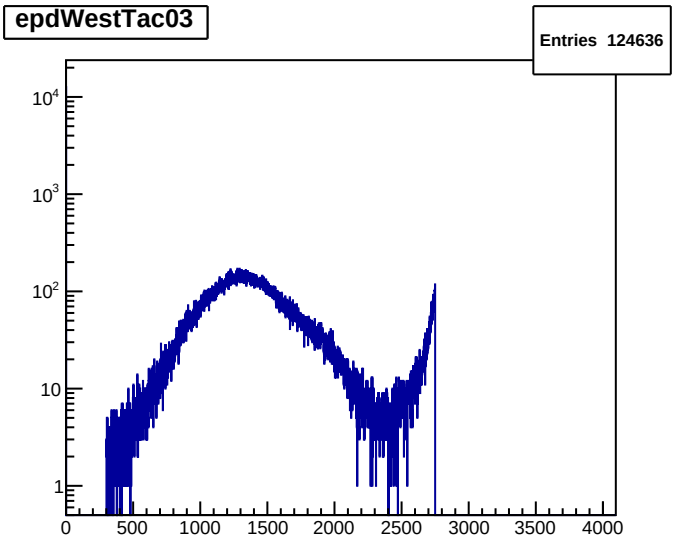
Entries 0
Data
Simu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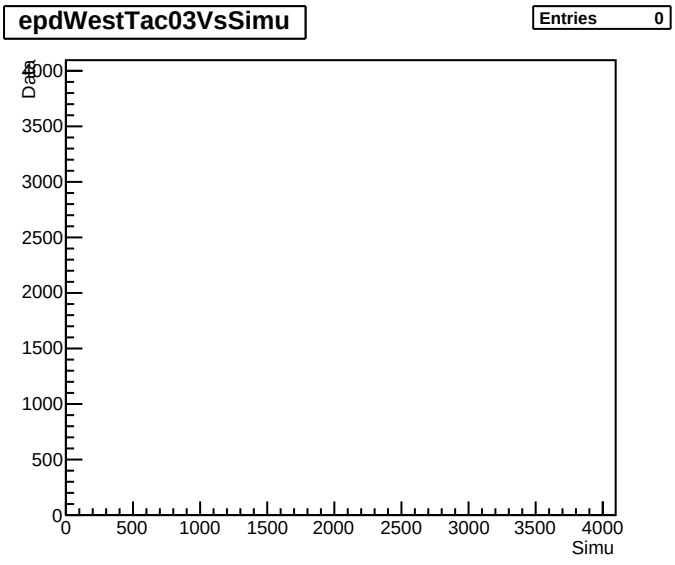
Entries 124636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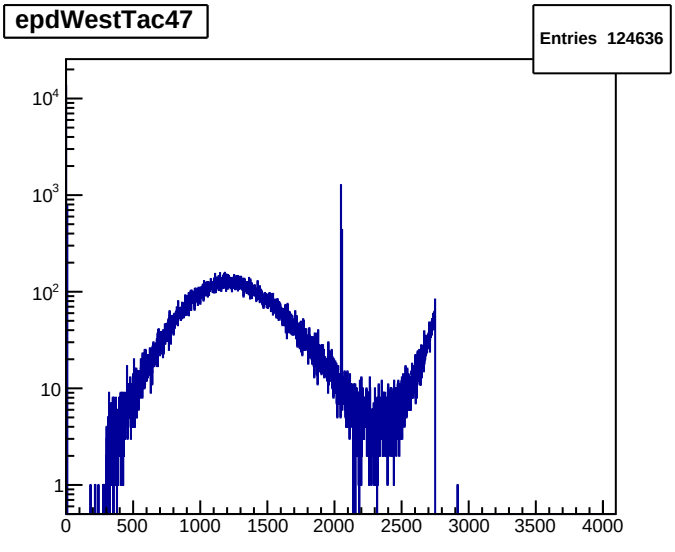
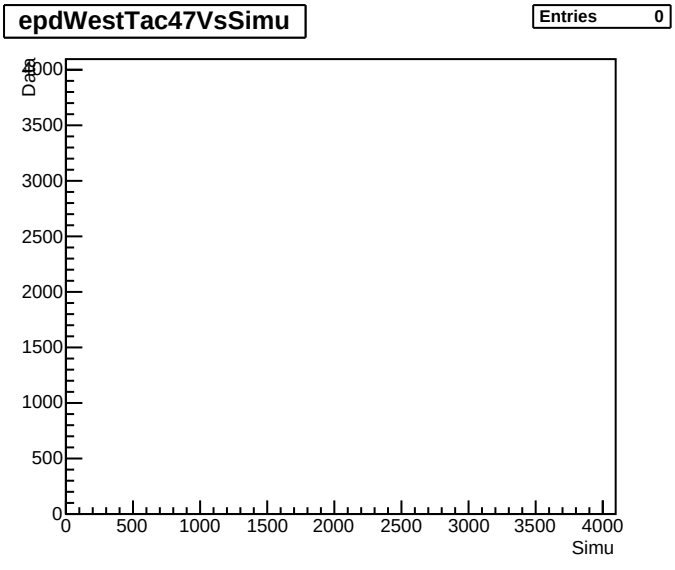
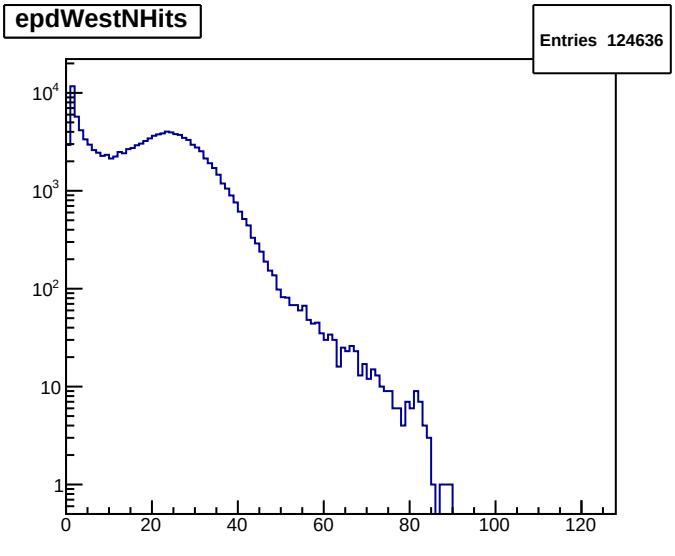
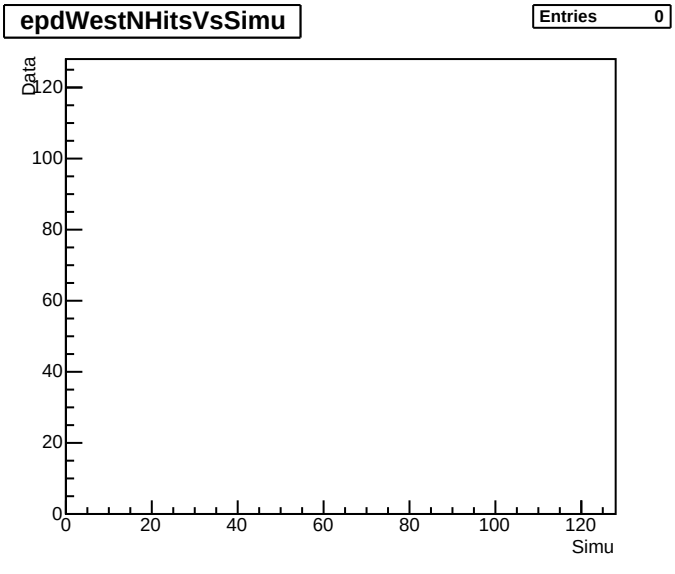
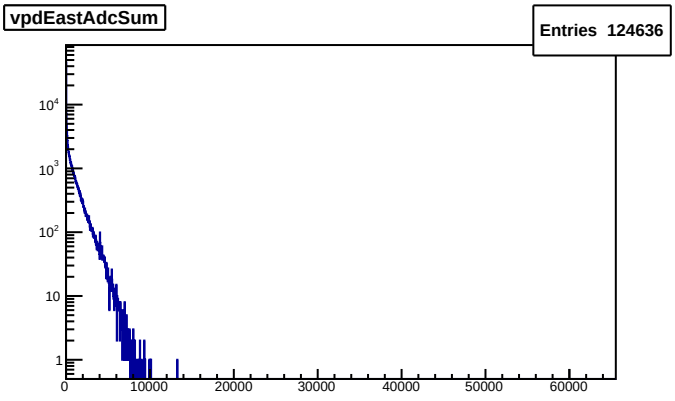
Entries 0
Data
Simu

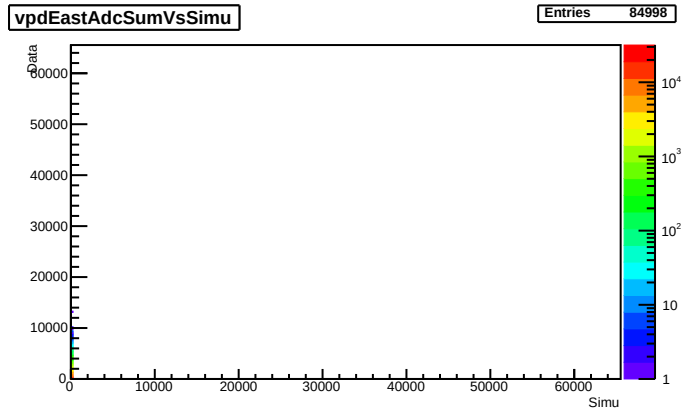

epdWestTac47
Entries 124636

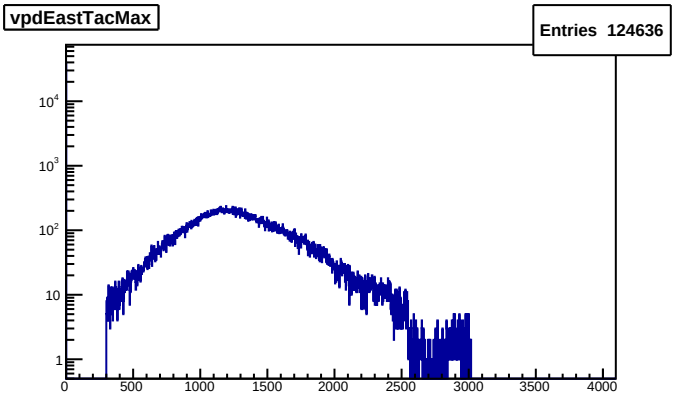

epdWestTac47VsSimu
Entries 0
Data
Simu

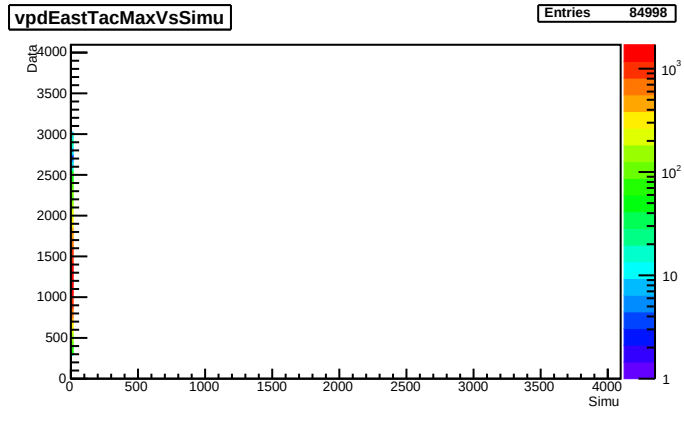

epdWestNHits
Entries 124636

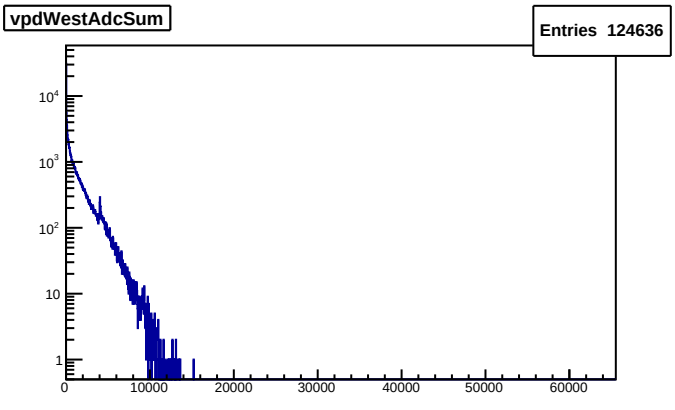

epdWestNHitsVsSimu
Entries 0
Data
Simu

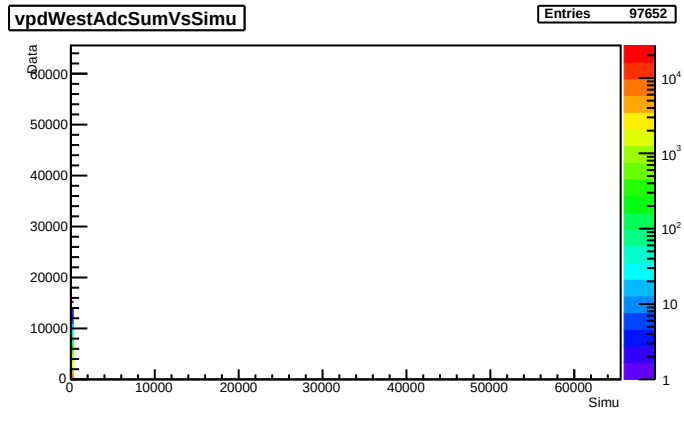

vpdEastAdcSum
Entries 124636

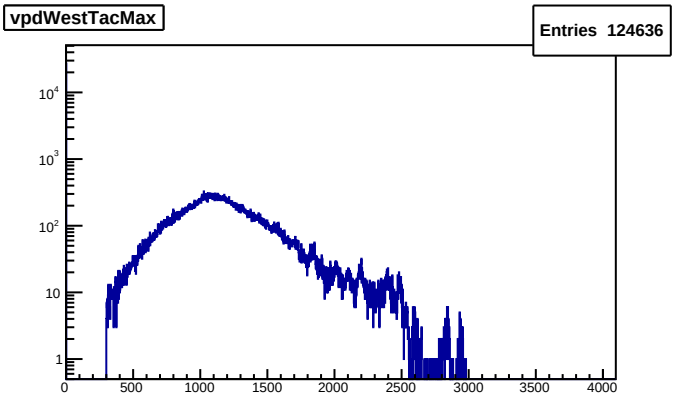

vpdEastAdcSumVsSimu
Entries 84998
Data
Simu

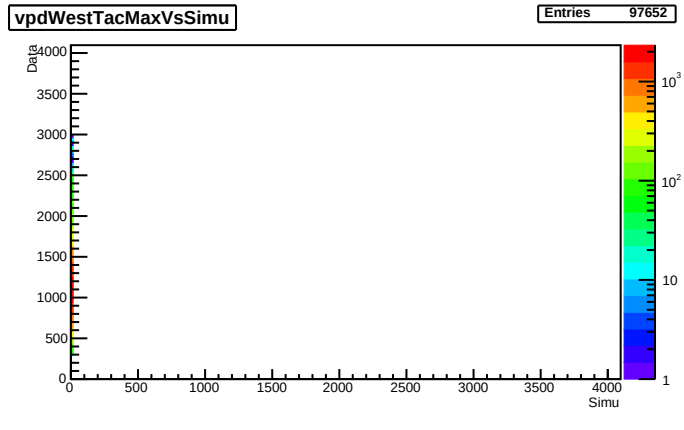

vpdEastTacMax
Entries 124636

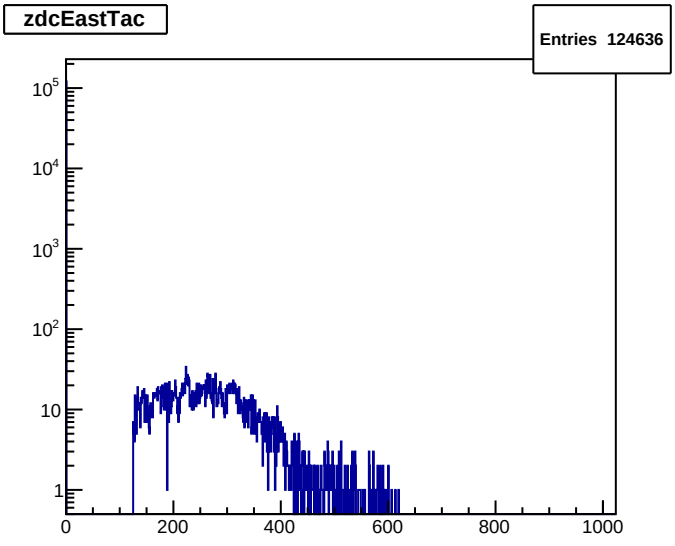

vpdEastTacMaxVsSimu
Entries 84998
Data
Simu

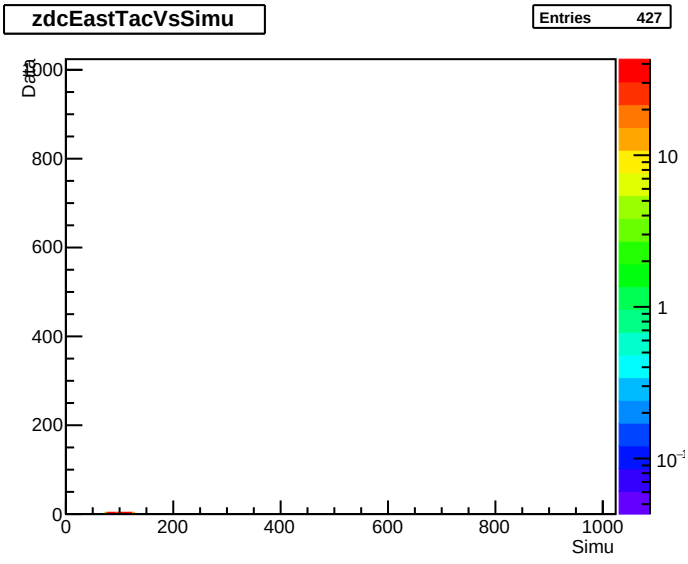

vpdWestAdcSum
Entries 124636

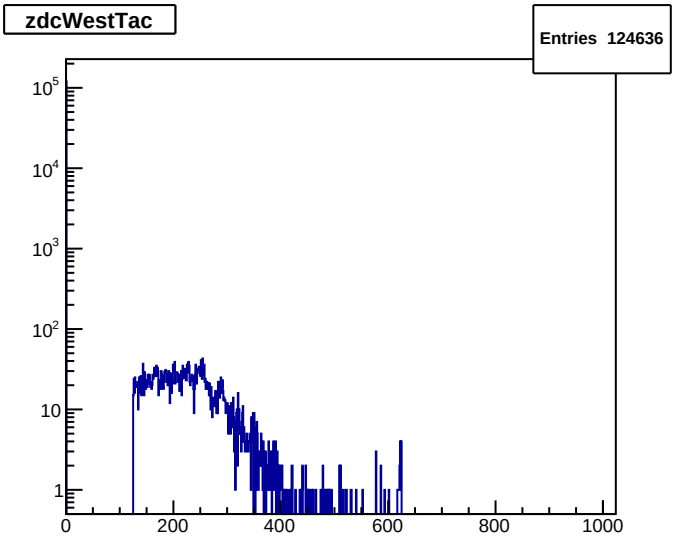

vpdWestAdcSumVsSimu
Entries 97652
Data
Simu

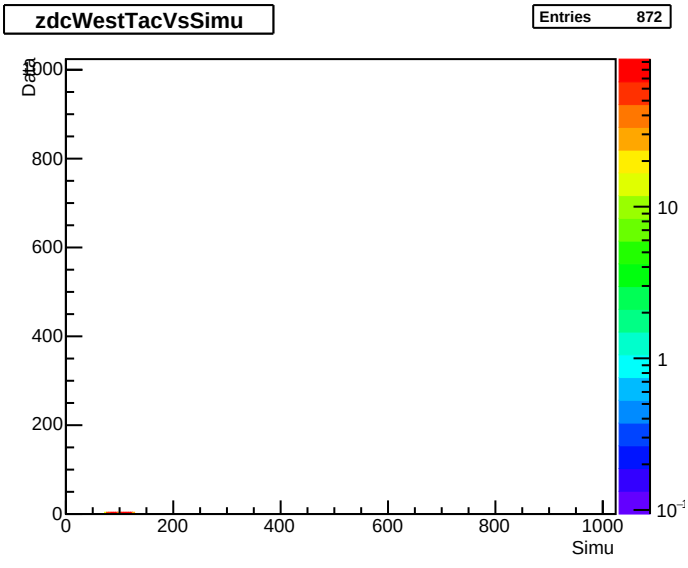

vpdWestTacMax
Entries 124636

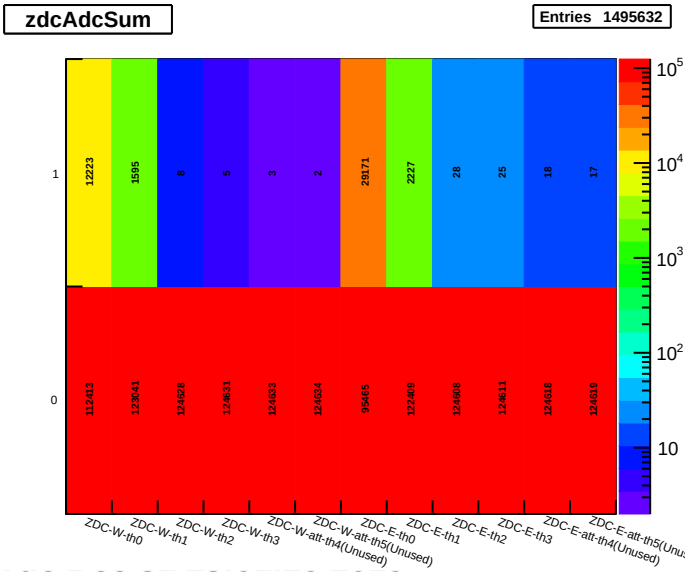

vpdWestTacMaxVsSimu
Entries 97652
Data
Simu

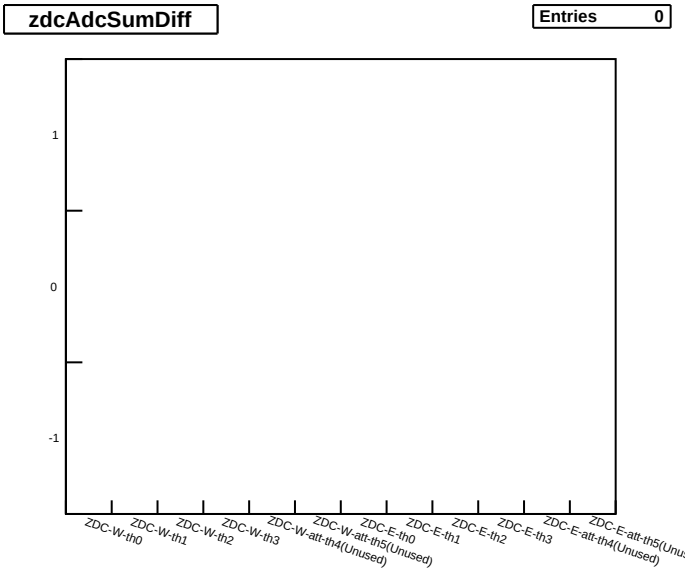

zdcEastTac
Entries 124636

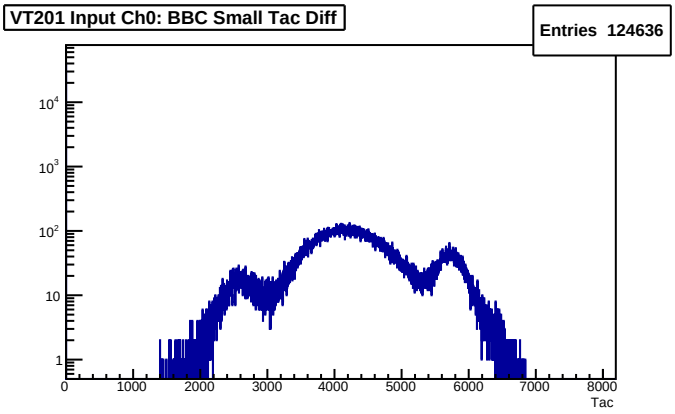

zdcEastTacVsSimu
Entries 427
Data
Simu

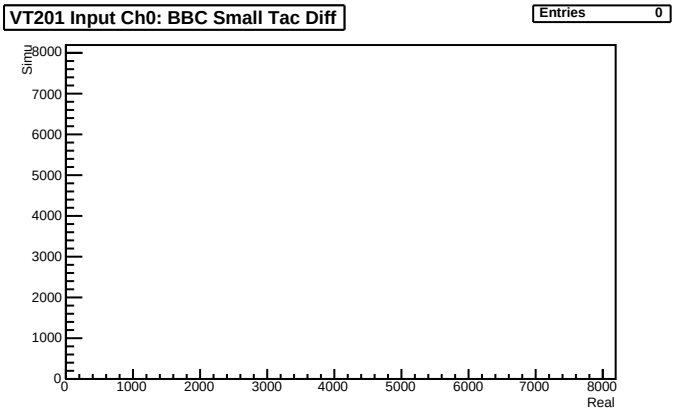

zdcWestTac
Entries 124636

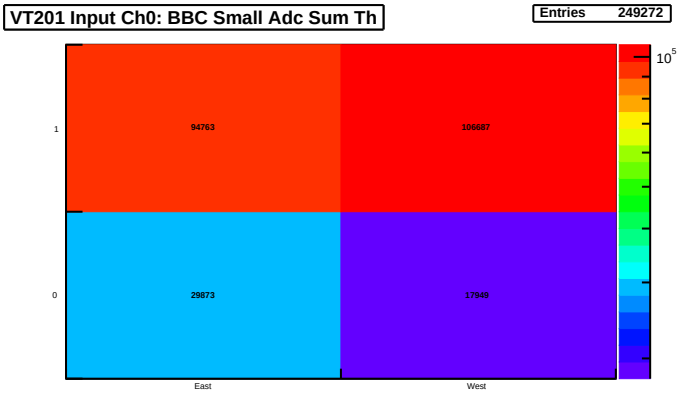

zdcWestTacVsSimu
Entries 872
Data
Simu

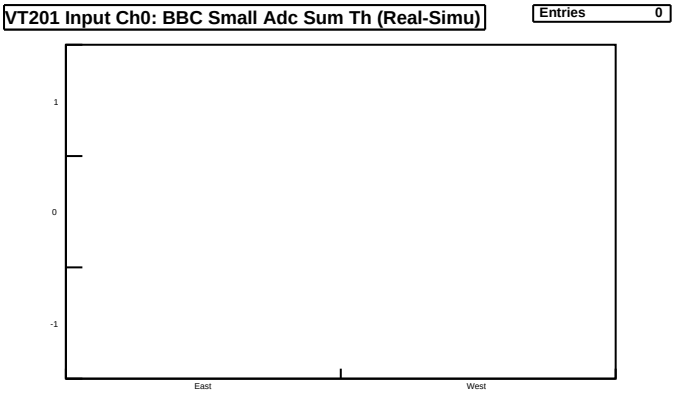

zdcAdcSum
Entries 1495632
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

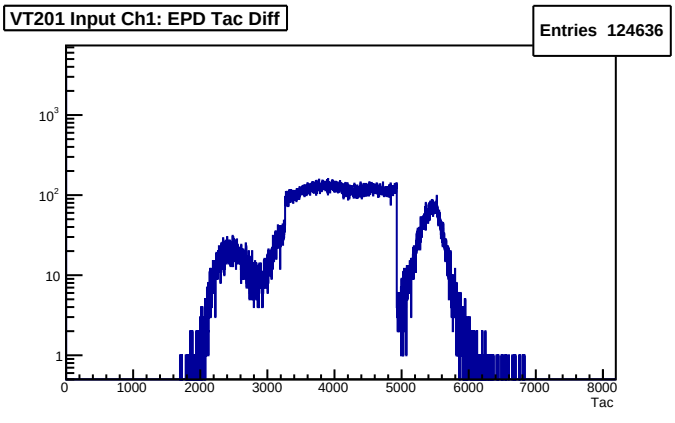

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

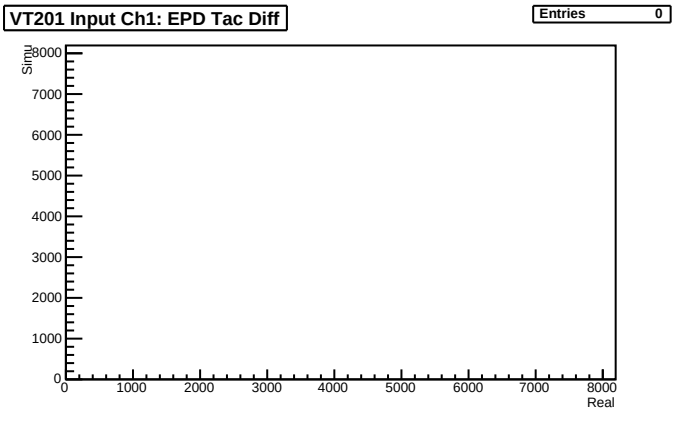

VT201 Input Ch0: BBC Small Tac Diff
Entries 124636
Tac

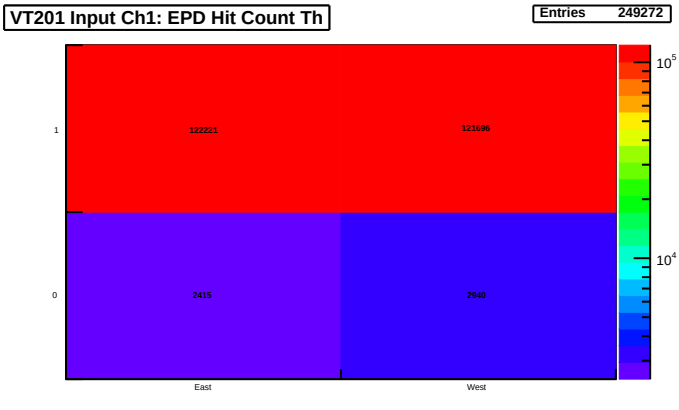

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

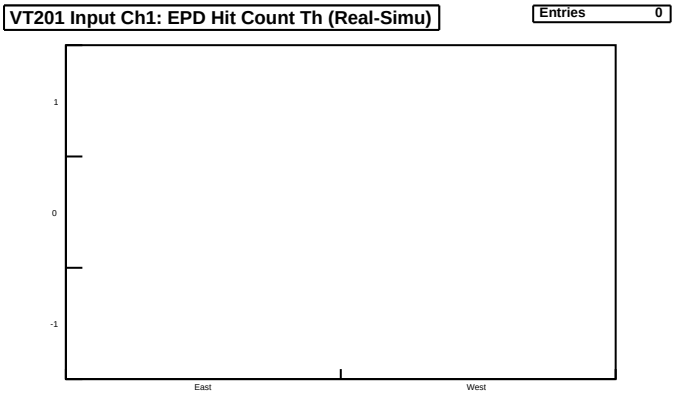

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 249272
94763
106687
29873
17949
East
West

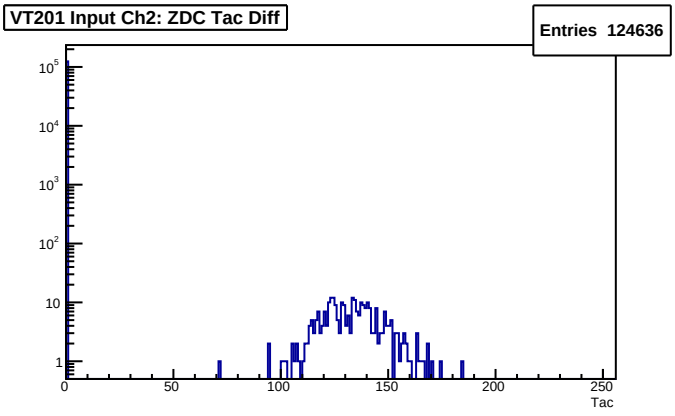

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

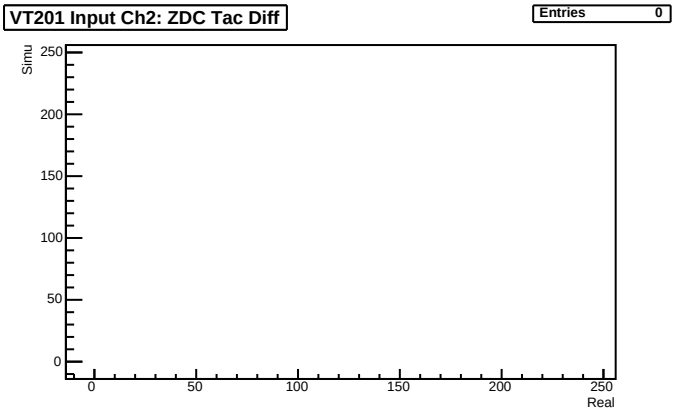

VT201 Input Ch1: EPD Tac Diff
Entries 124636
Tac

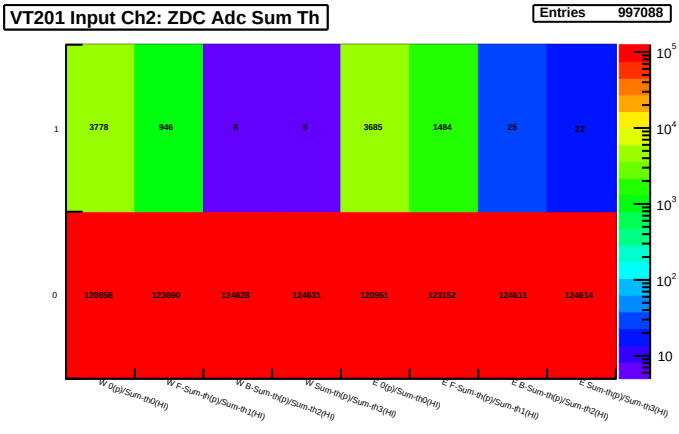

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

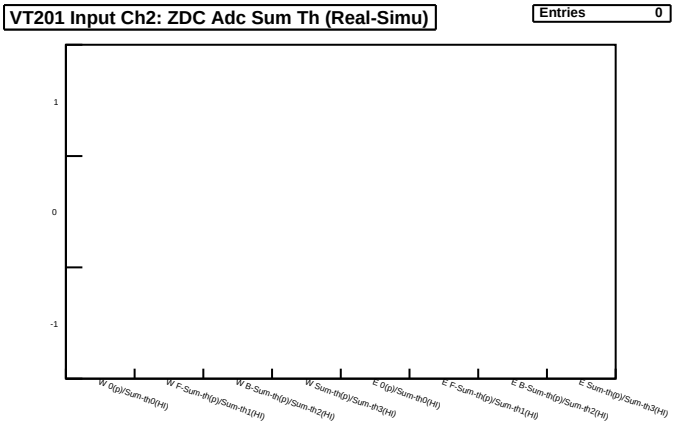

VT201 Input Ch1: EPD Hit Count Th
Entries 249272
122221
121696
2415
2940
East
West

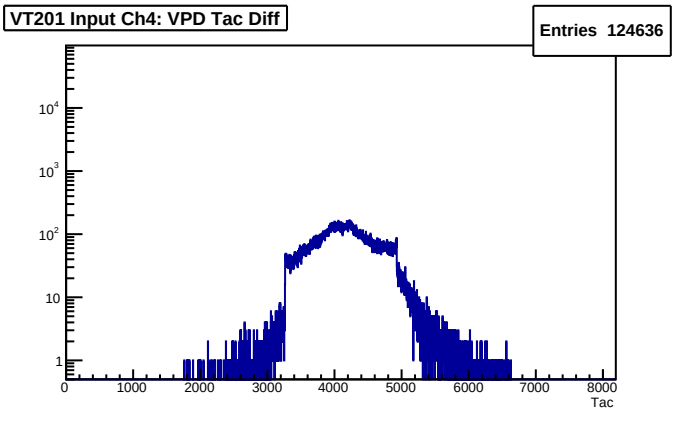

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

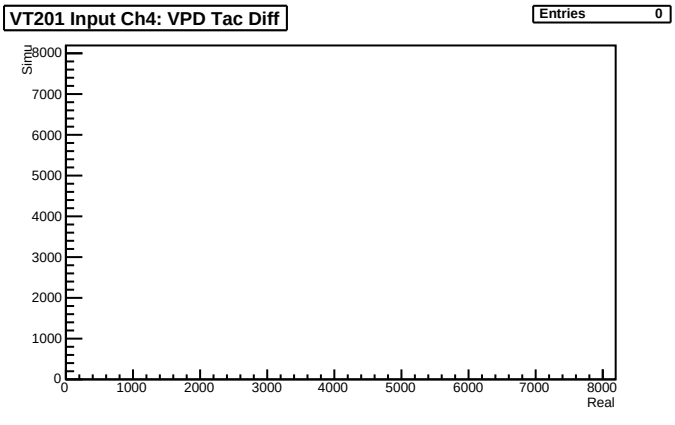

VT201 Input Ch2: ZDC Tac Diff
Entries 124636
Tac

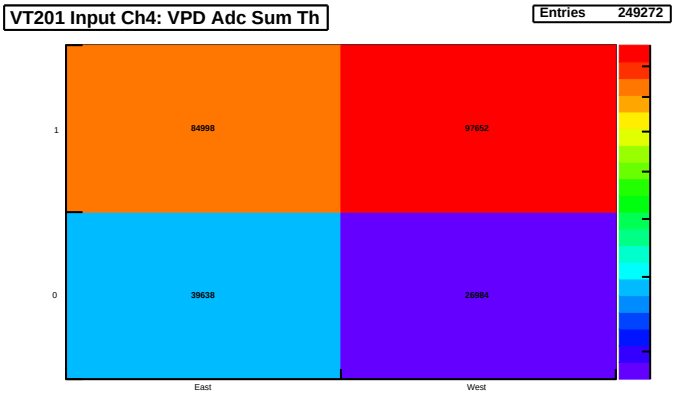

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

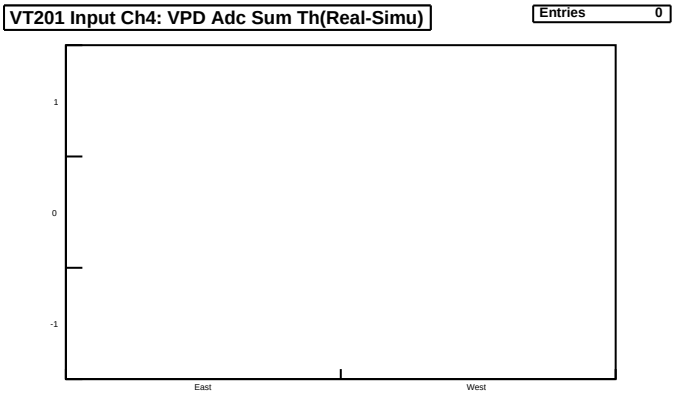

VT201 Input Ch2: ZDC Adc Sum Th
Entries 997088
3778
946
8
5
3685
1484
25
22
120858
123690
124628
124631
120951
123152
124611
124614
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

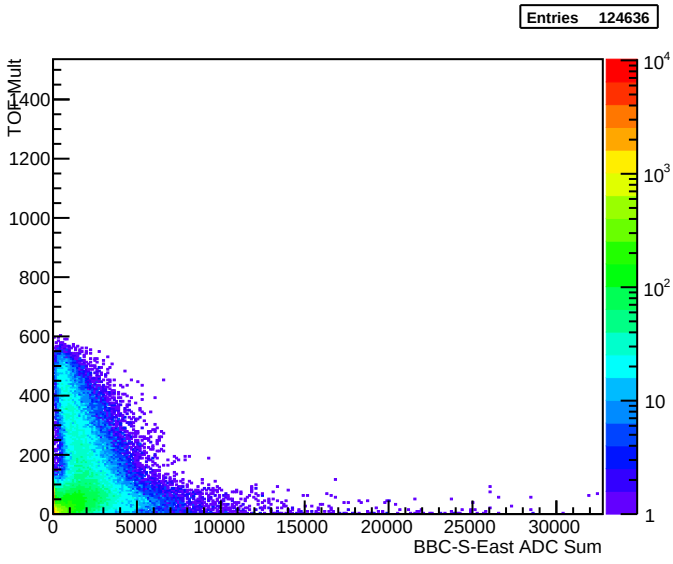

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

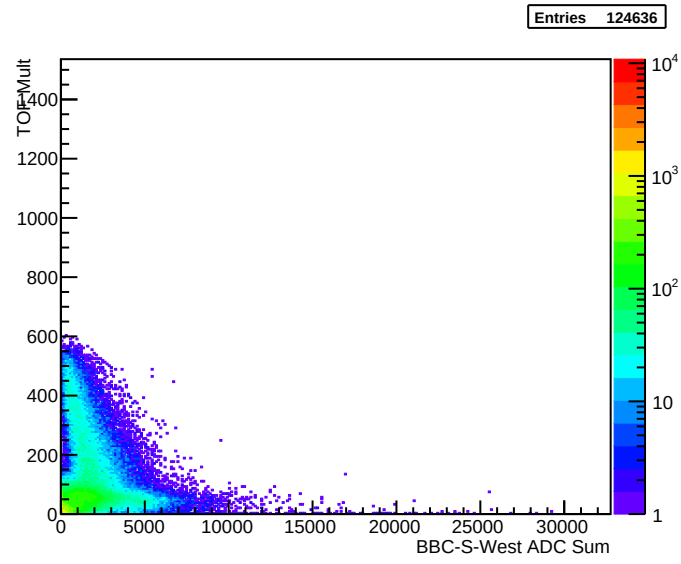

VT201 Input Ch4: VPD Tac Diff
Entries 124636
Tac

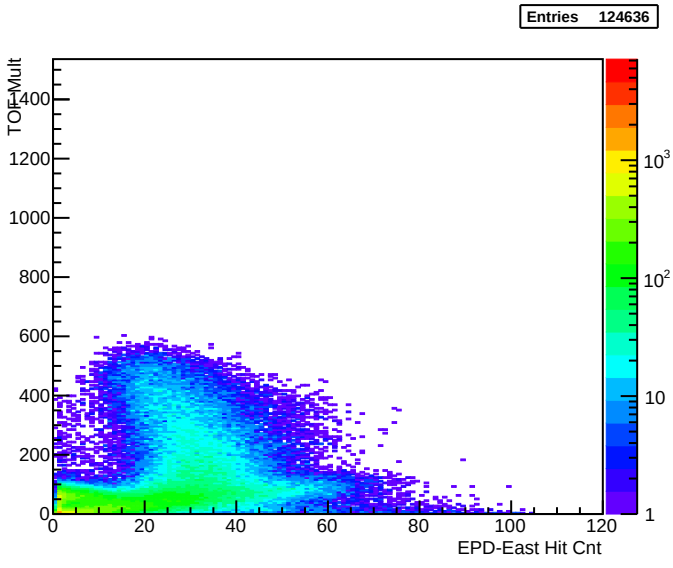

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

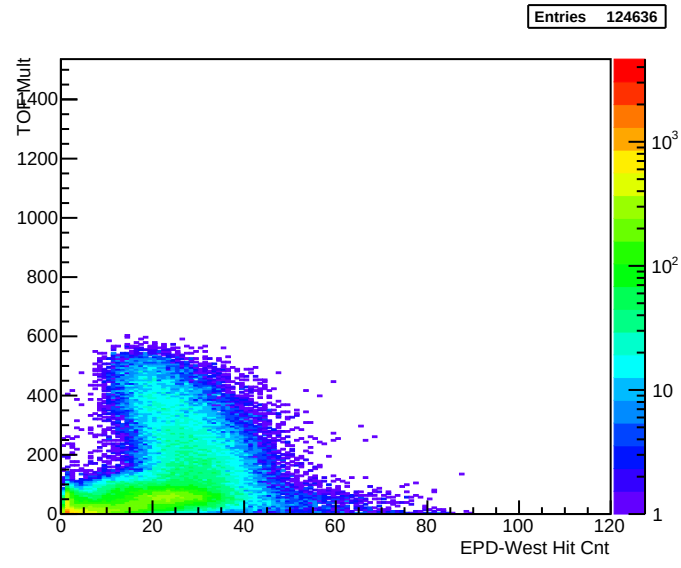

VT201 Input Ch4: VPD Adc Sum Th
Entries 249272
84998
97652
39638
26984
East
West

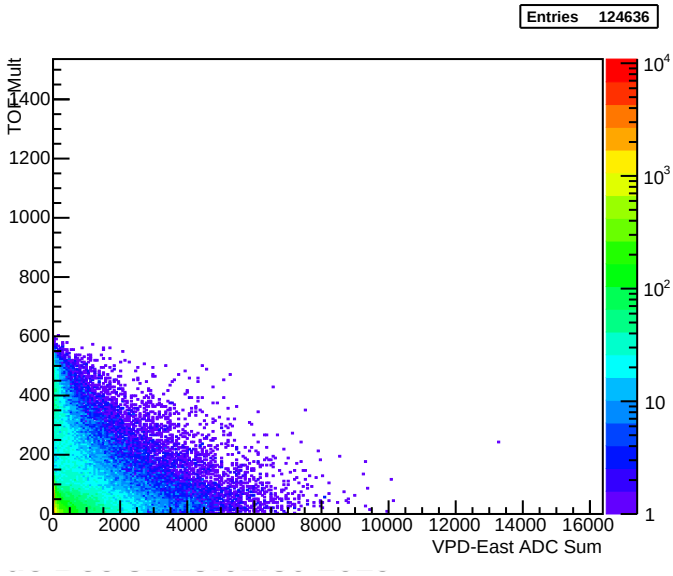

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

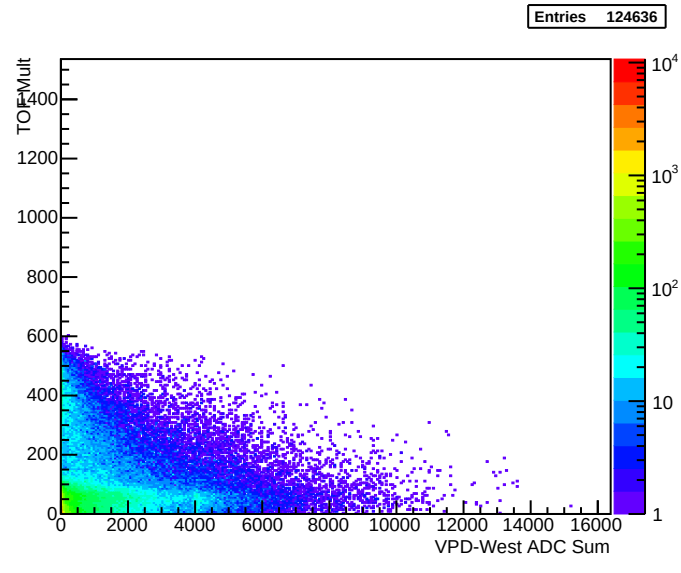

Entries 124636
TOF-Mult
BBC-S-East ADC Sum

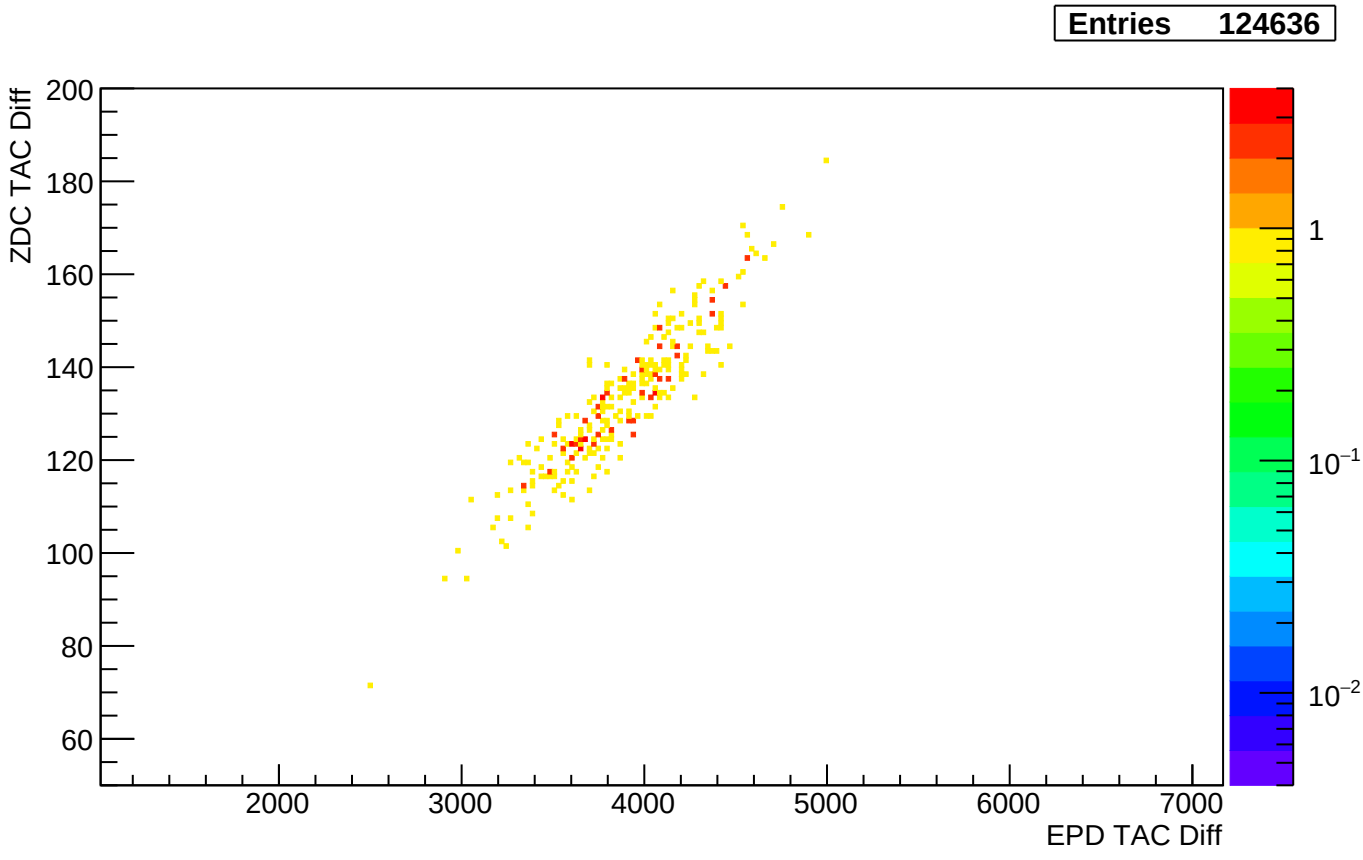

Entries 124636
TOF-Mult
BBC-S-West ADC Sum

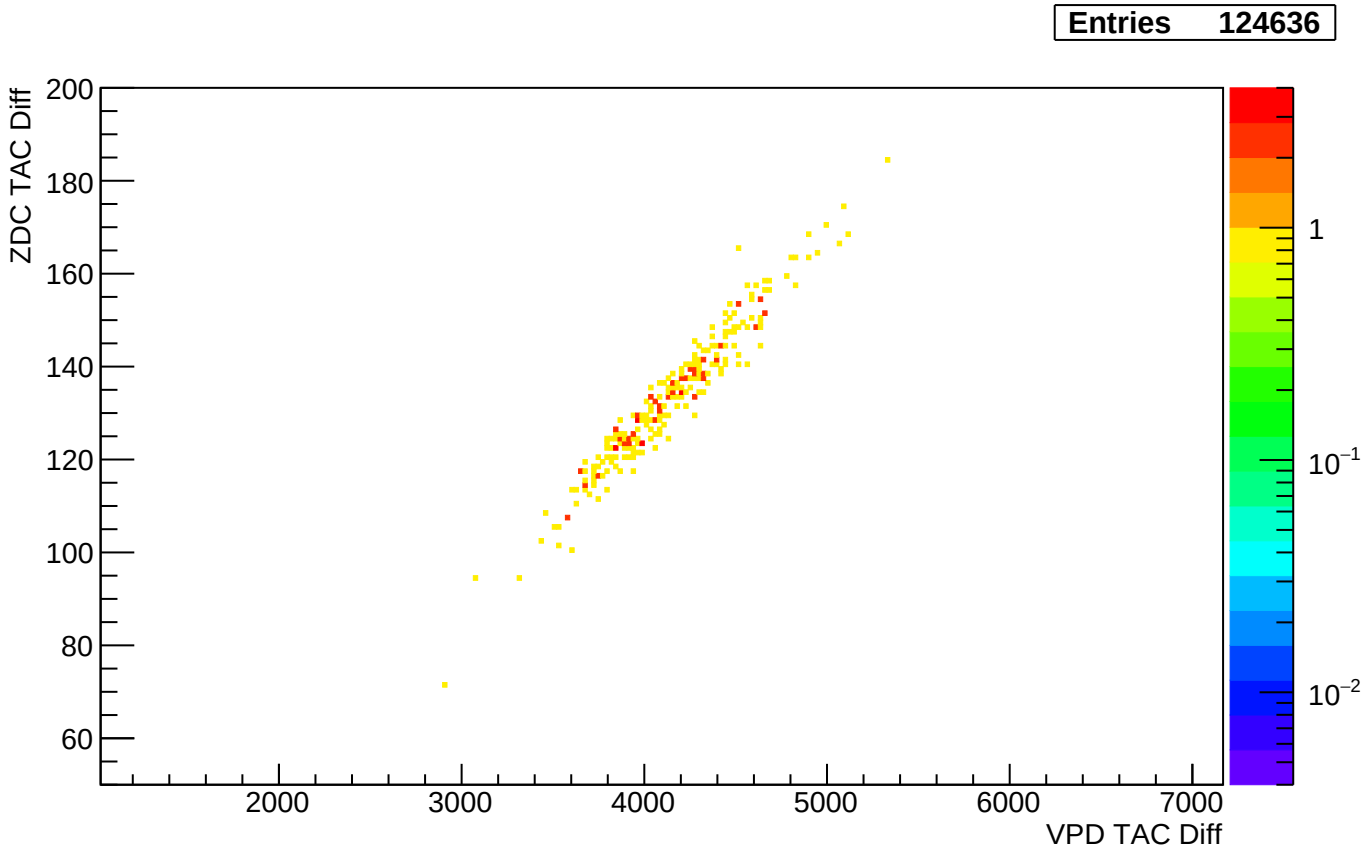

Entries 124636
TOF-Mult
EPD-East Hit Cnt

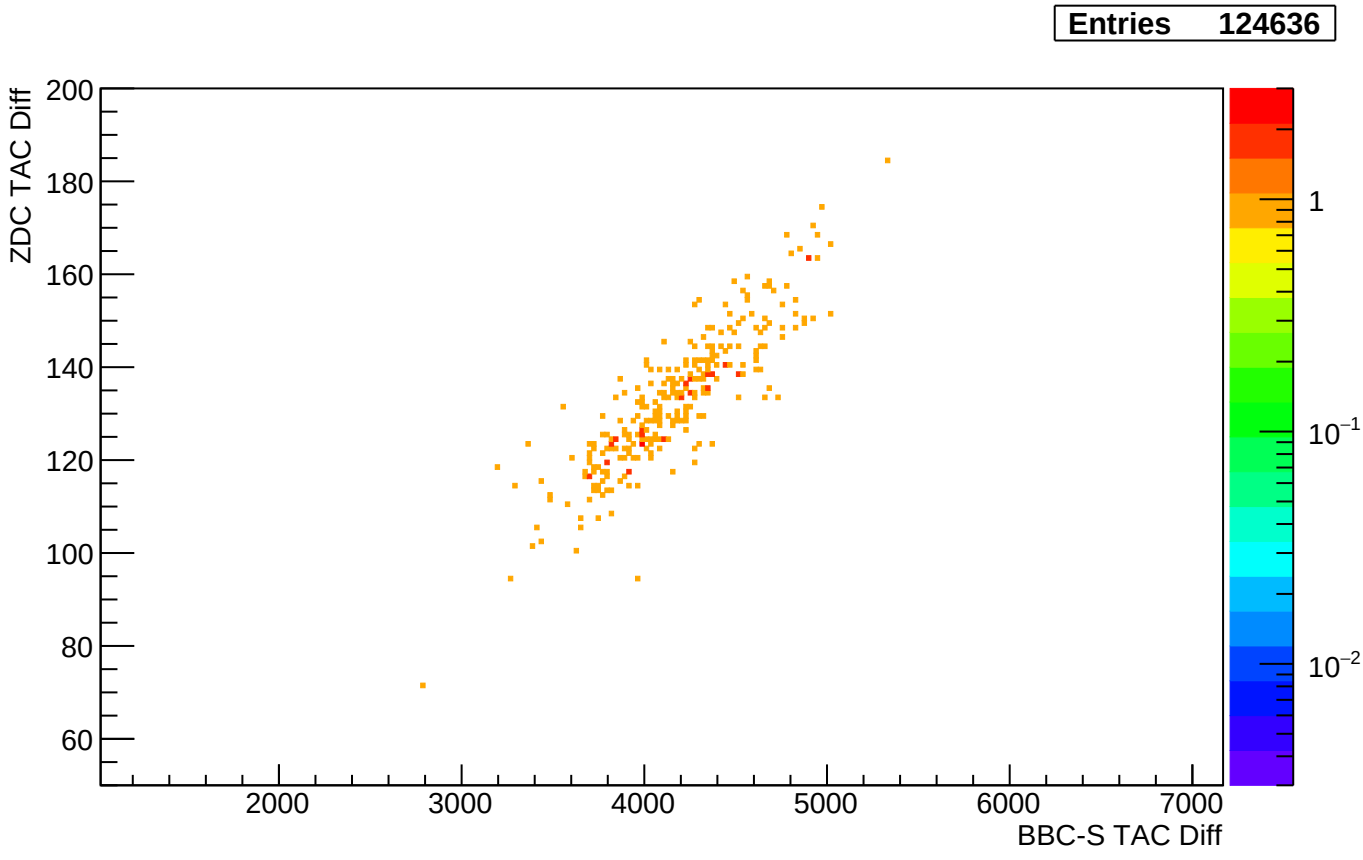

Entries 124636
TOF-Mult
EPD-West Hit Cnt

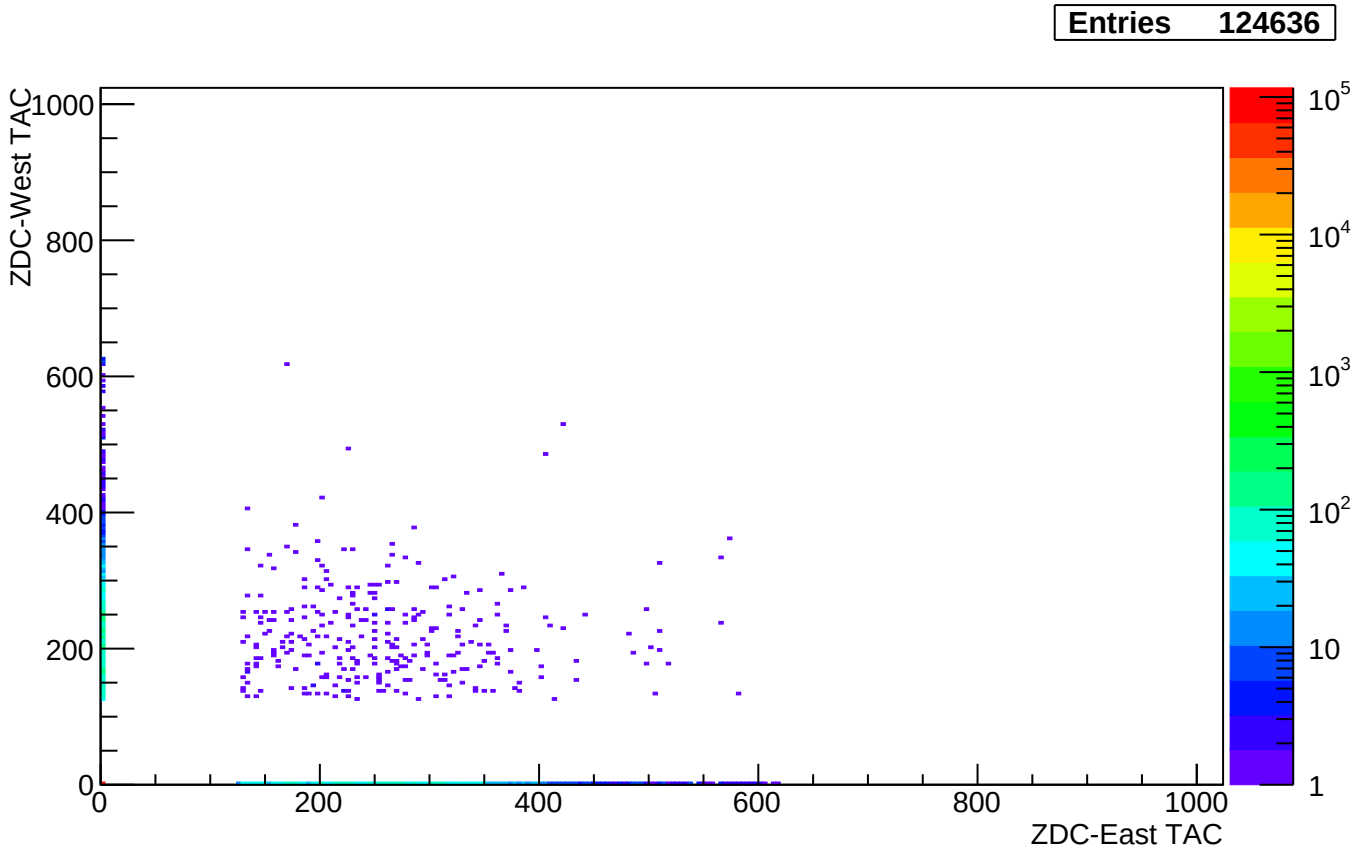

Entries 124636
TOF-Mult
VPD-East ADC Sum

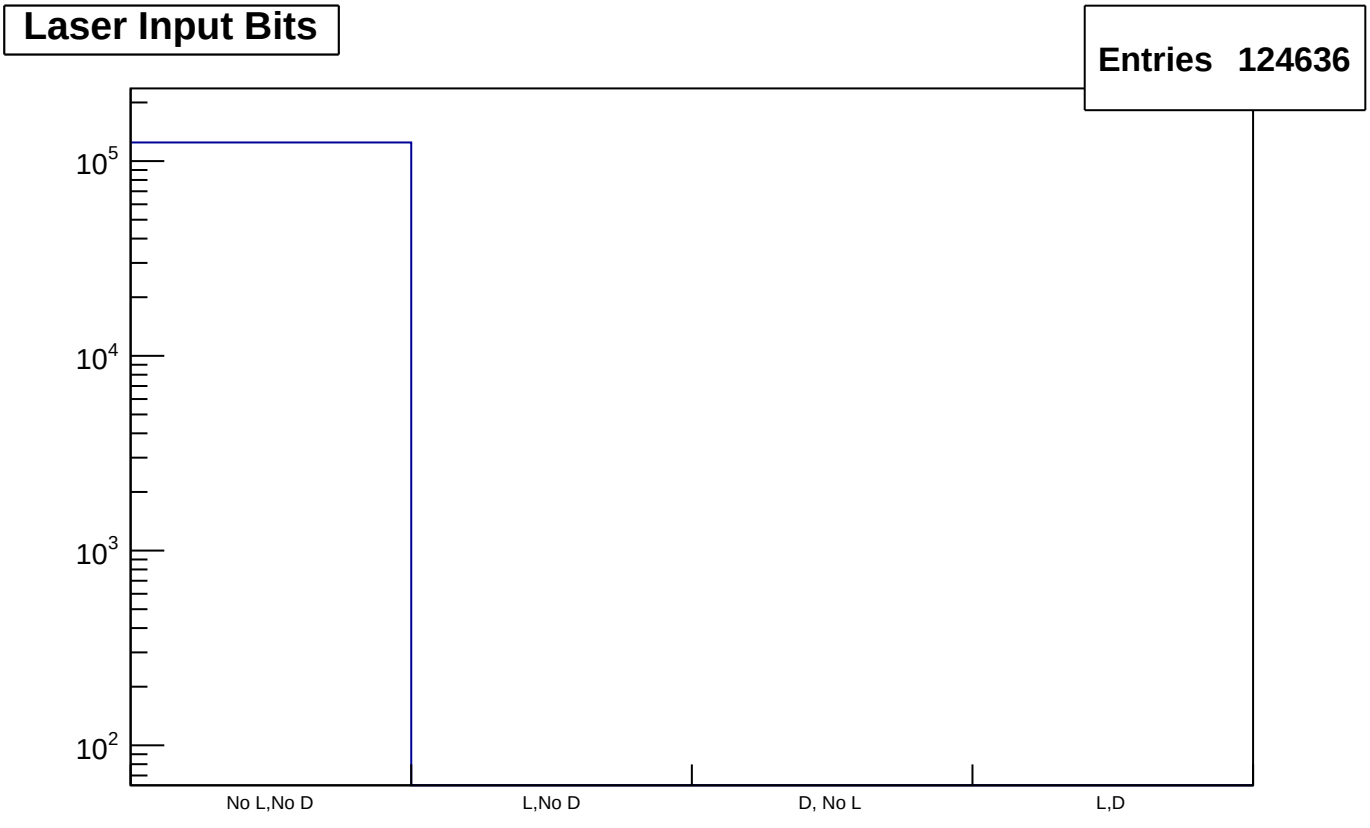

Entries 124636
TOF-Mult
VPD-West ADC Sum

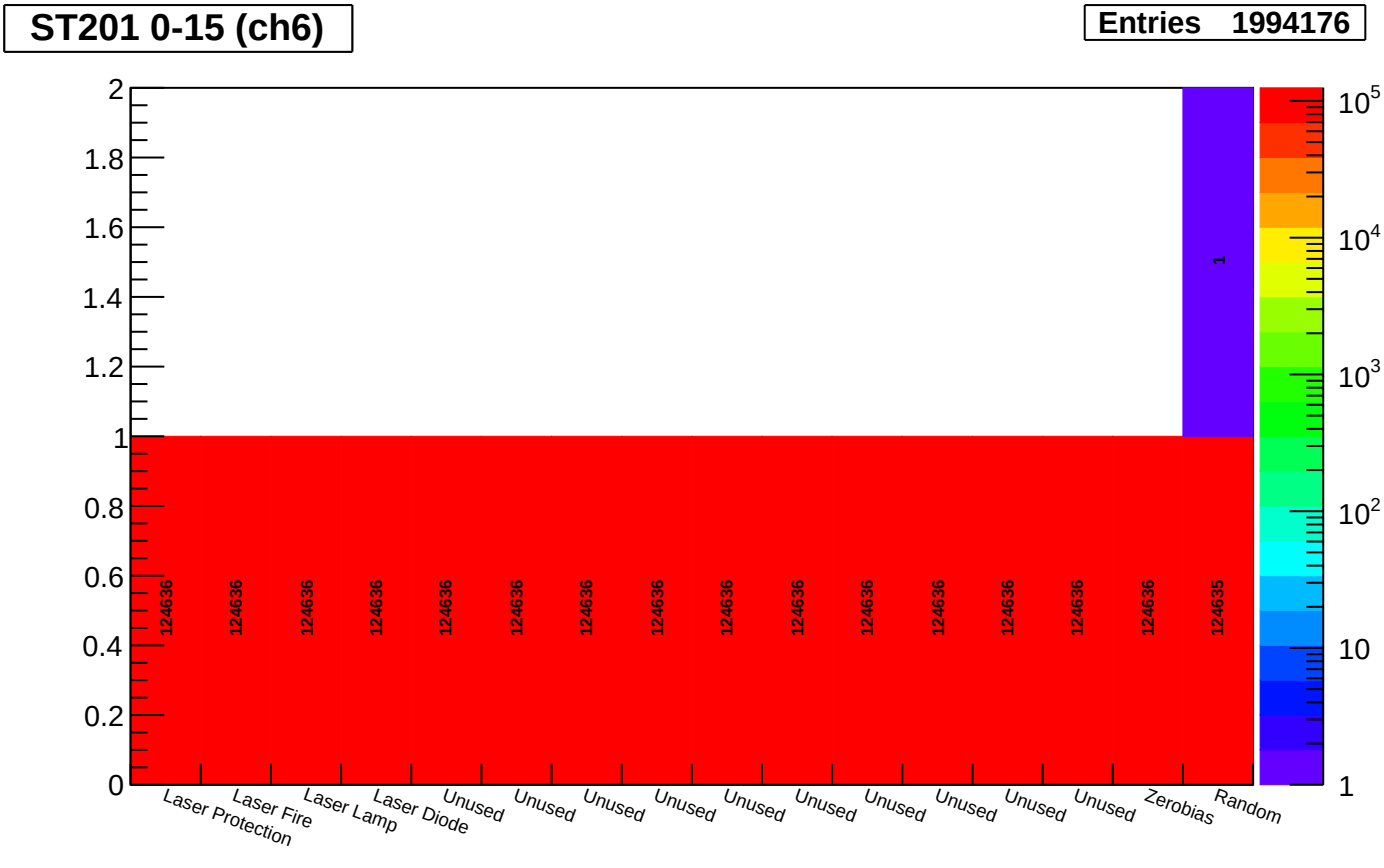

Entries 124636
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

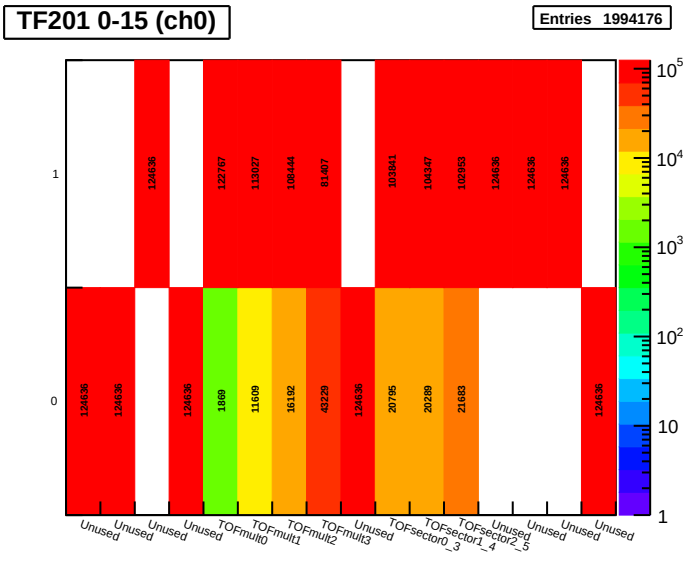

Entries 124636
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

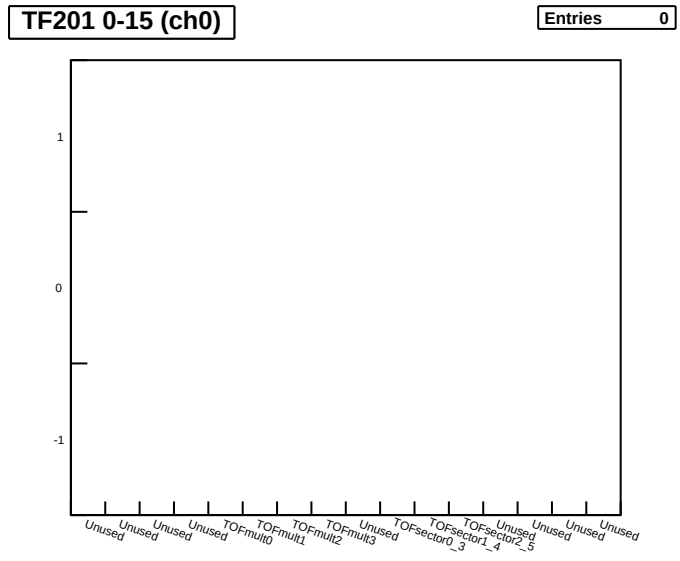

Entries 124636
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

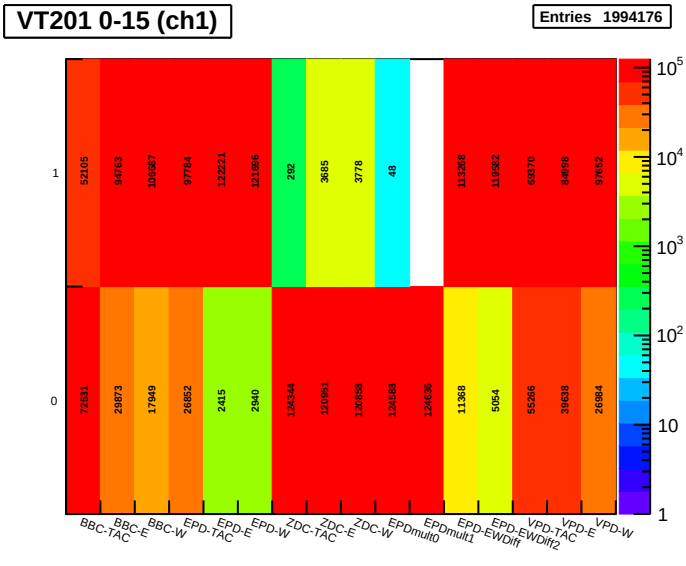

Entries 124636
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

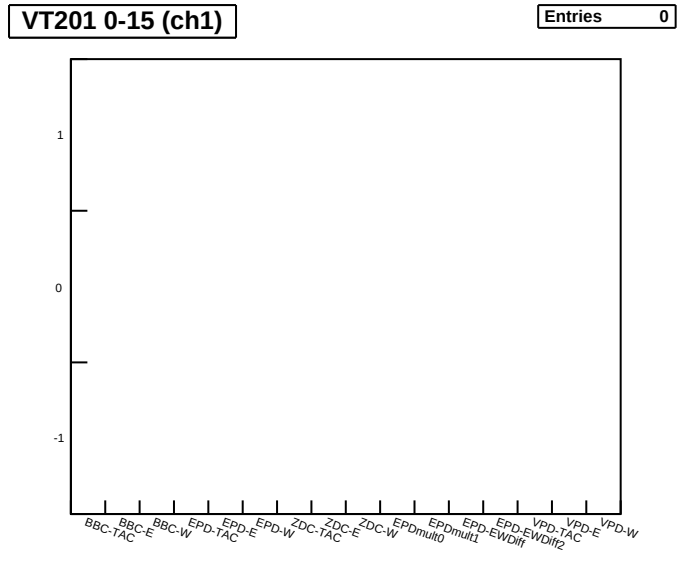

Laser Input Bits
Entries 124636
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

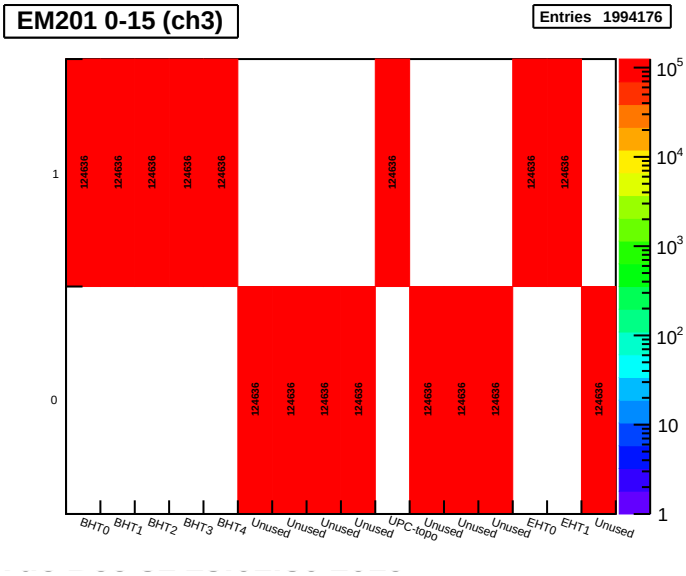

ST201 0-15 (ch6)
Entries 1994176
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
124636
124636
124636
124636
124636
124636
124636
124636
124636
124636
124636
124636
124636
124636
124636
124635
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

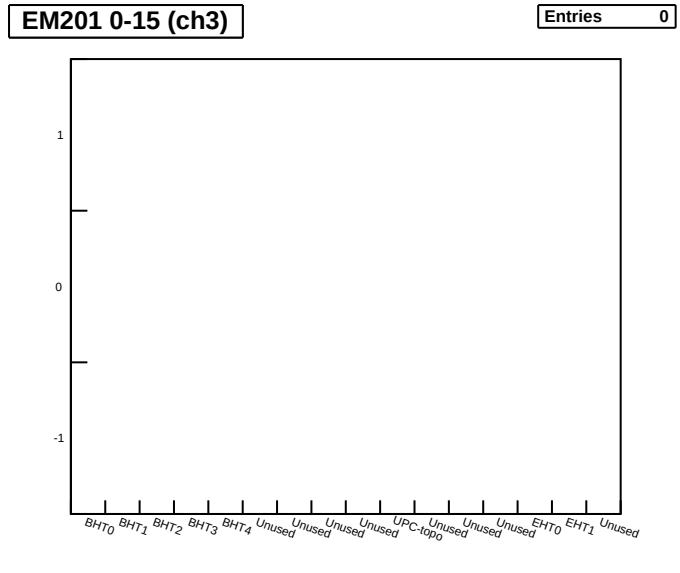

TF201 0-15 (ch0)
Entries 1994176
1
0
124636 124636 124636 124636 122767 113027 108444 81407 103941 104347 102953 124636 124636 124636
124636 124636 124636 1869 11609 16192 43229 124636 20795 20289 21683 124636
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1994176
1
0
52105 94763 106687 97784 122221 121696 292 3685 3778 48 113258 119582 63370 84998 97652
72531 29873 17949 26852 2415 2940 124344 120951 120858 124588 124636 11368 5054 55266 39638 26984
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 1994176
1
0
124636 124636 124636 124636 124636 124636 124636 124636 124636
124636 124636 124636 124636 124636 124636 124636 124636
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