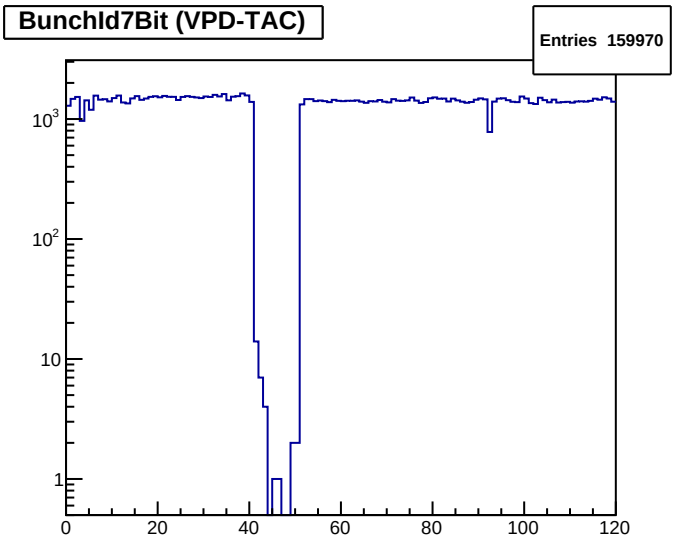
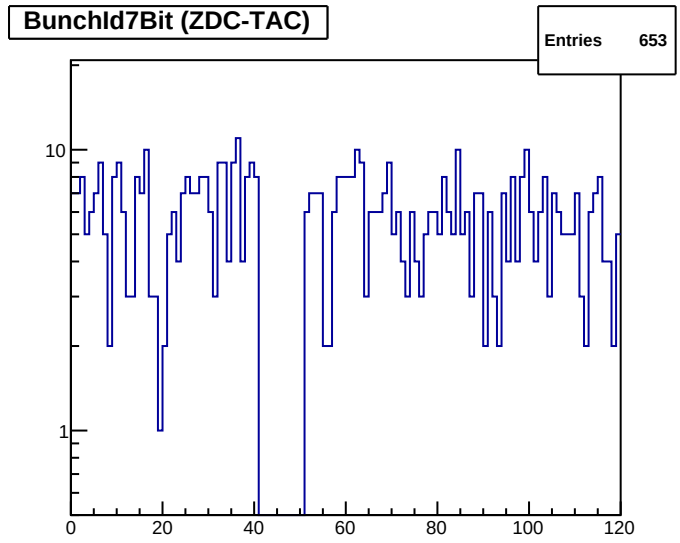
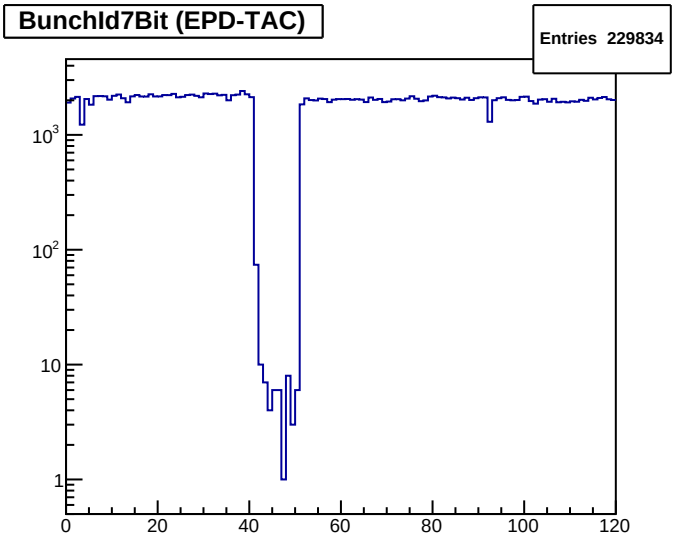
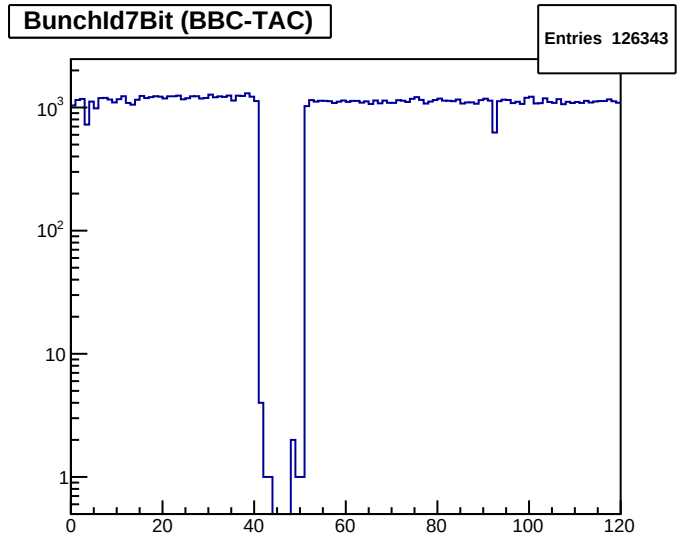
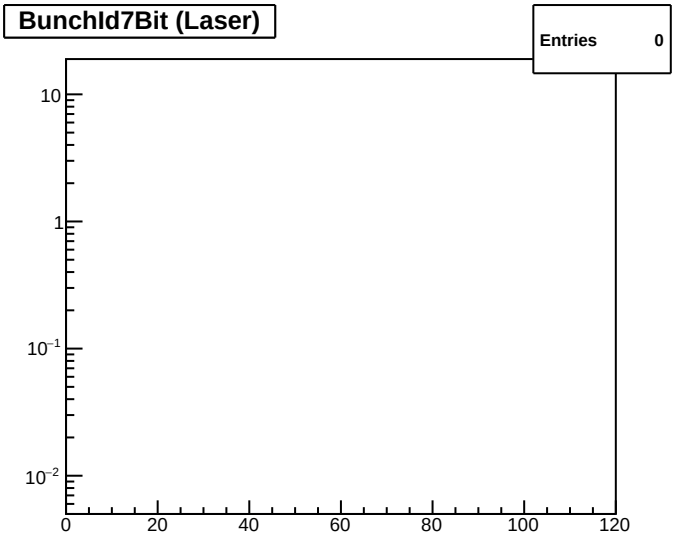
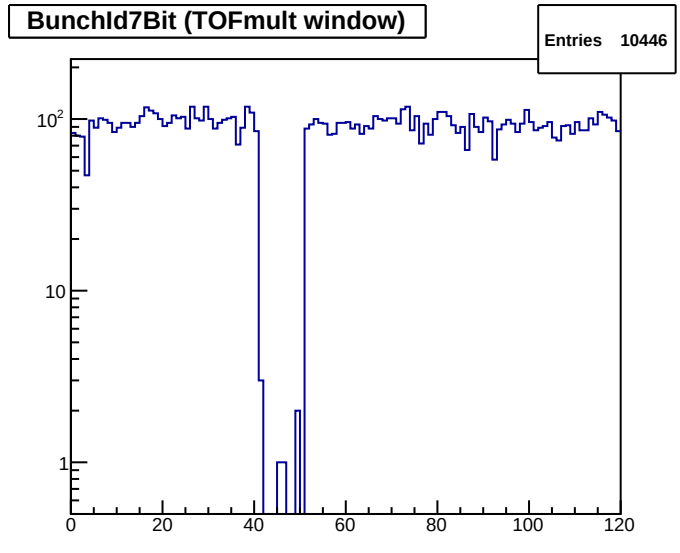

BunchId7Bit (VPD-TAC)
Entries 159970

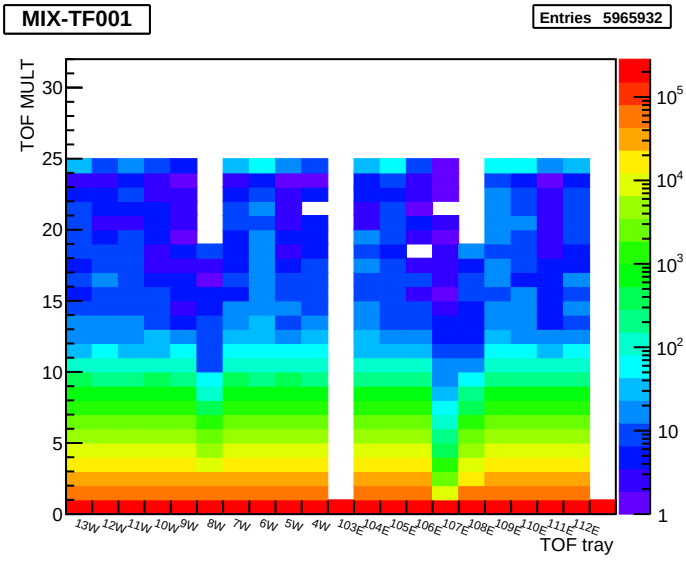

BunchId7Bit (ZDC-TAC)
Entries 653

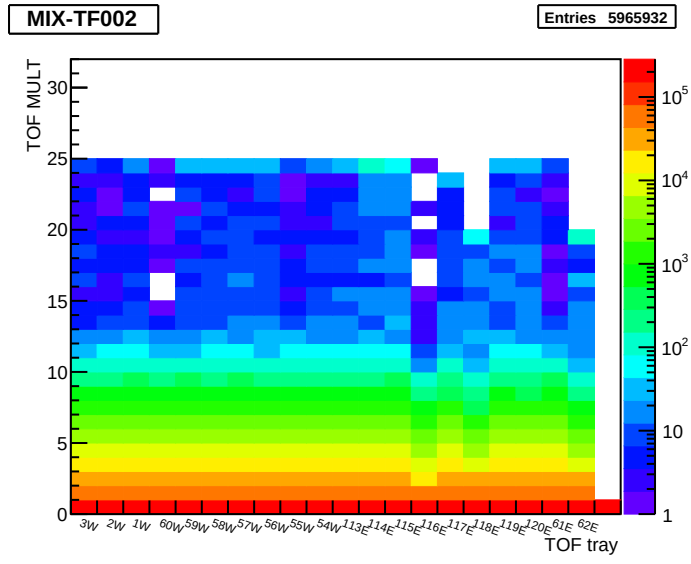

BunchId7Bit (EPD-TAC)
Entries 229834

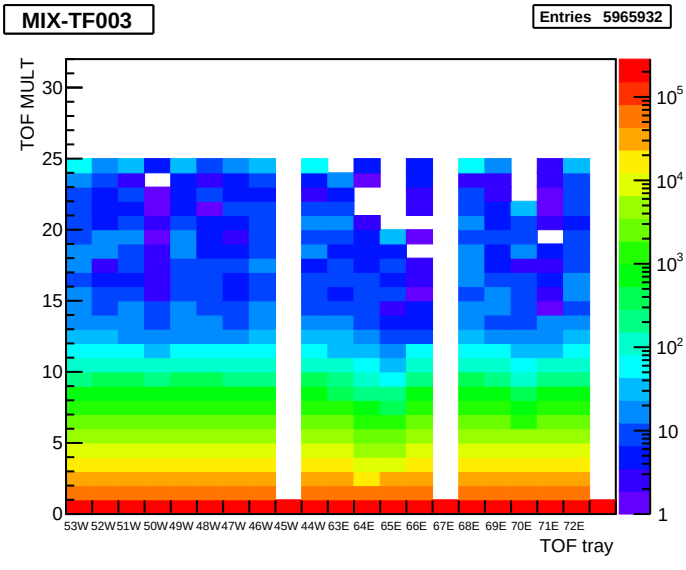

BunchId7Bit (BBC-TAC)
Entries 126343

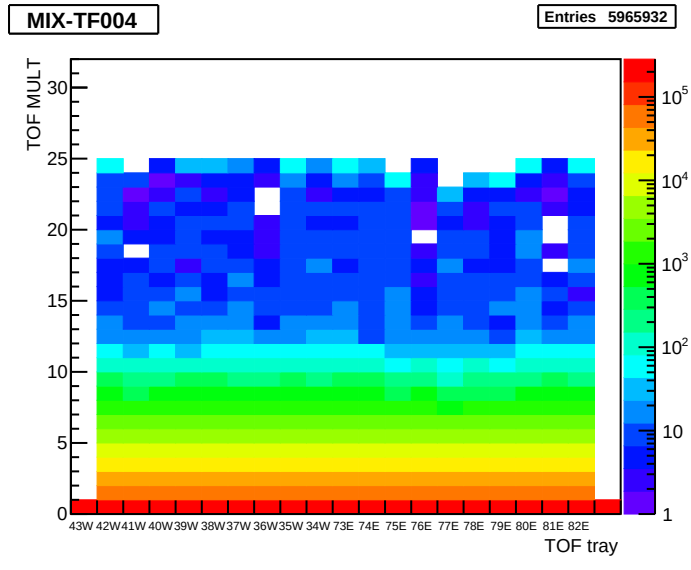

BunchId7Bit (Laser)
Entries 0

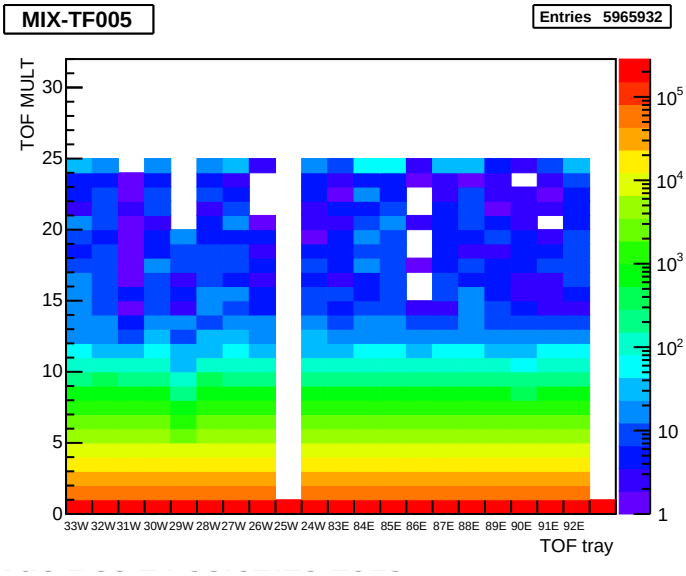

BunchId7Bit (TOFmult window)
Entries 10446

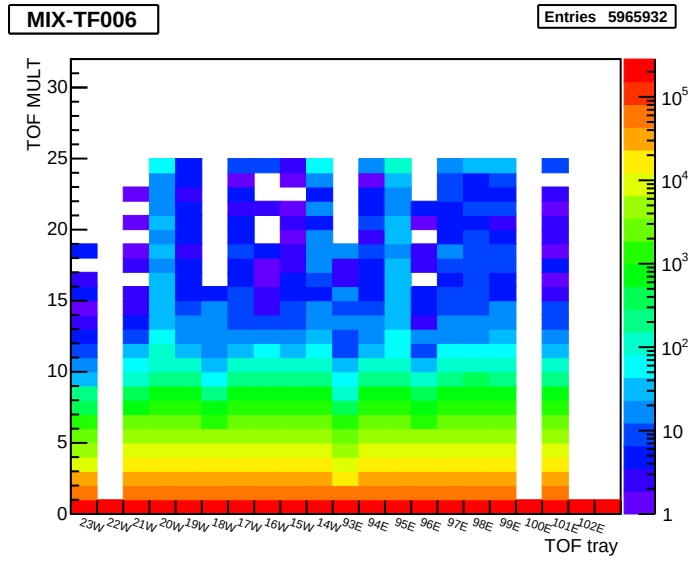

MIX-TF001
Entries 5965932
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

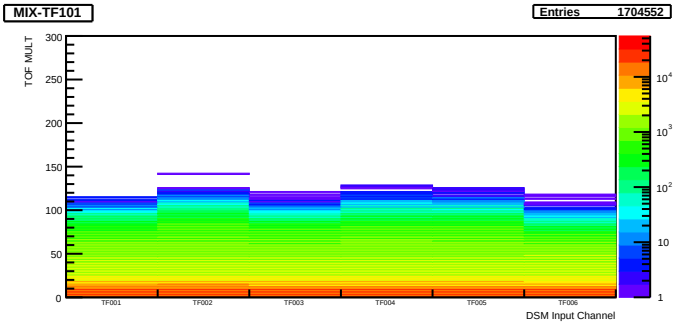

MIX-TF002
Entries 5965932
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

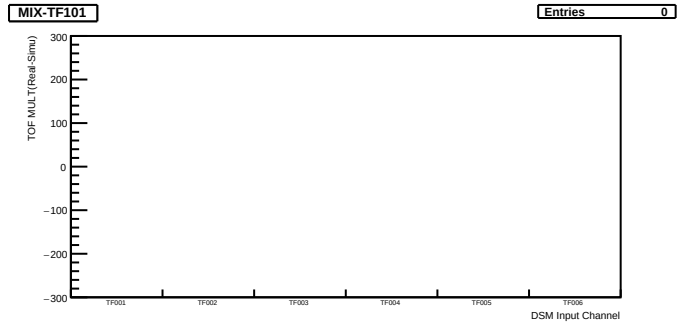

MIX-TF003
Entries 5965932
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

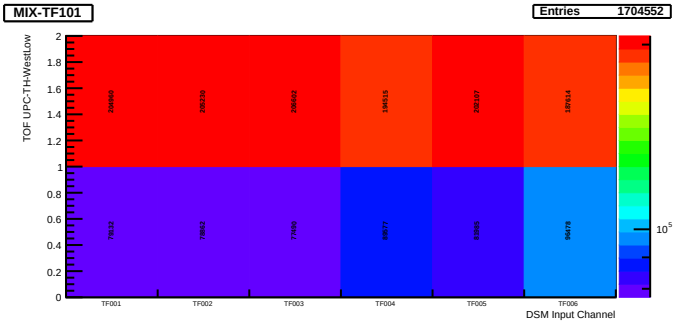

MIX-TF004
Entries 5965932
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

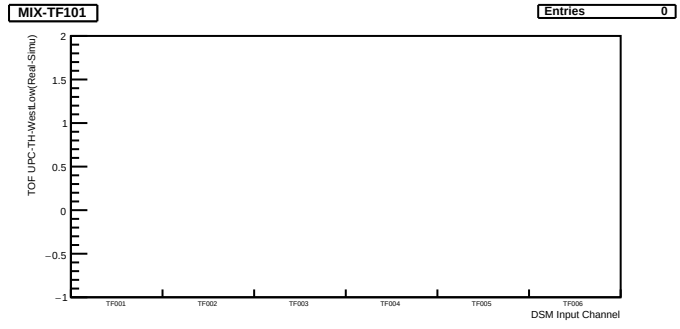

MIX-TF005
Entries 5965932
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

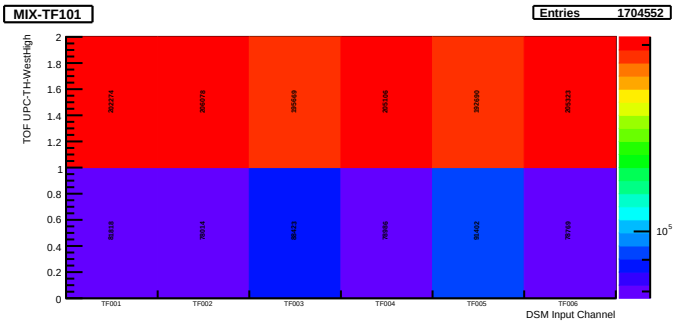

MIX-TF006
Entries 5965932
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

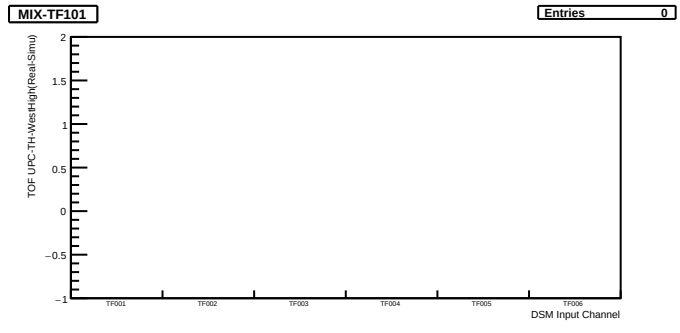

MIX-TF101
Entries 1704552
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

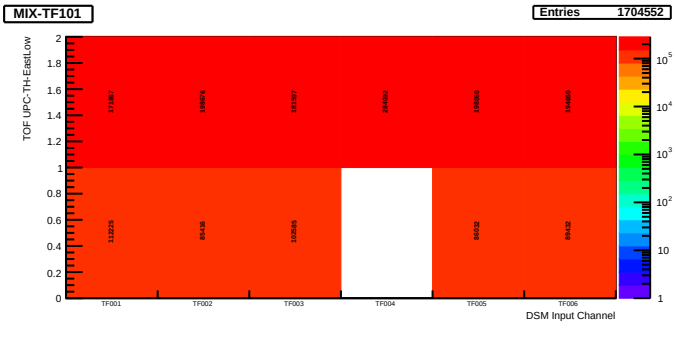

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

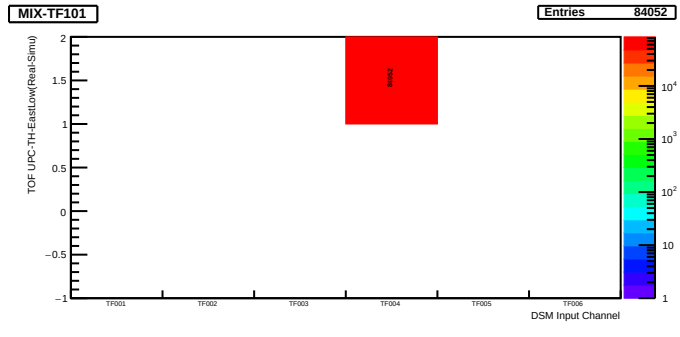

MIX-TF101
Entries 1704552
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

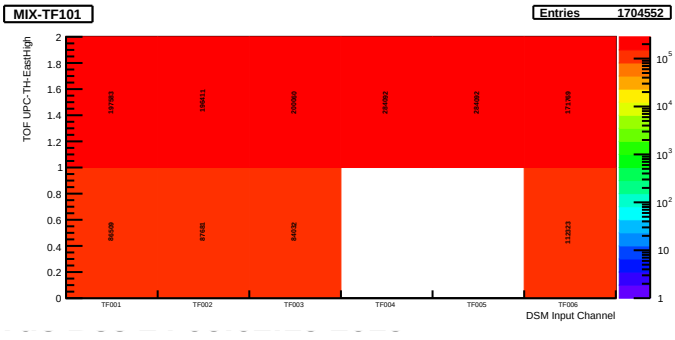

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

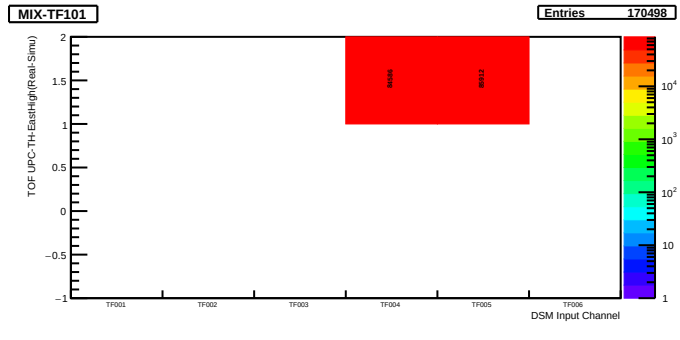

MIX-TF101
Entries 1704552
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

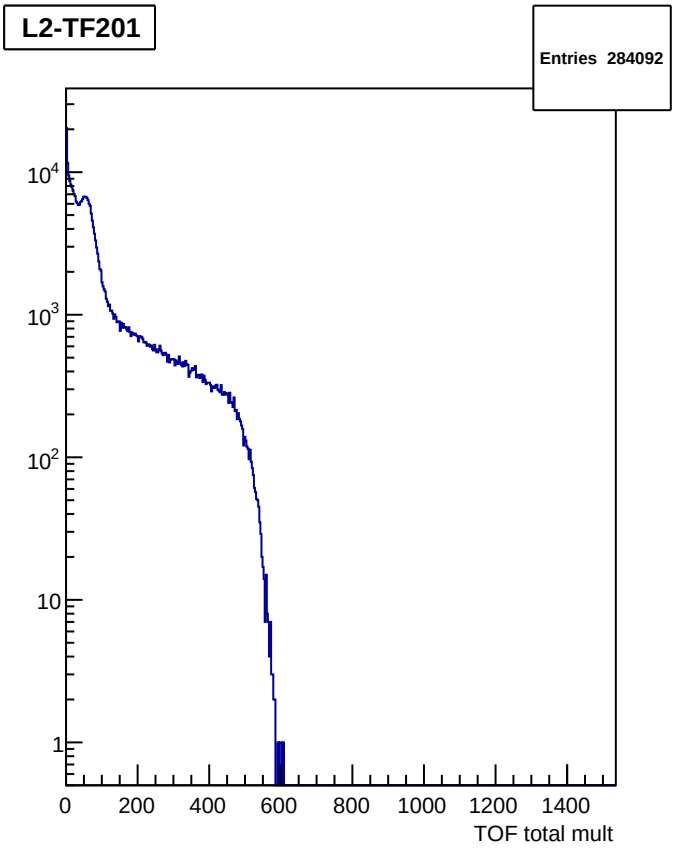

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

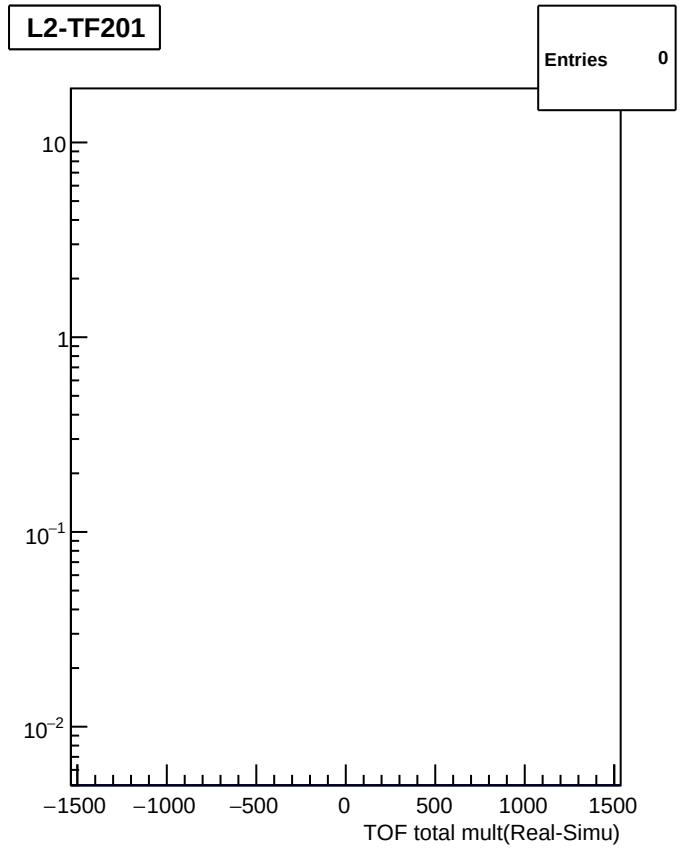

MIX-TF101
Entries 1704552
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

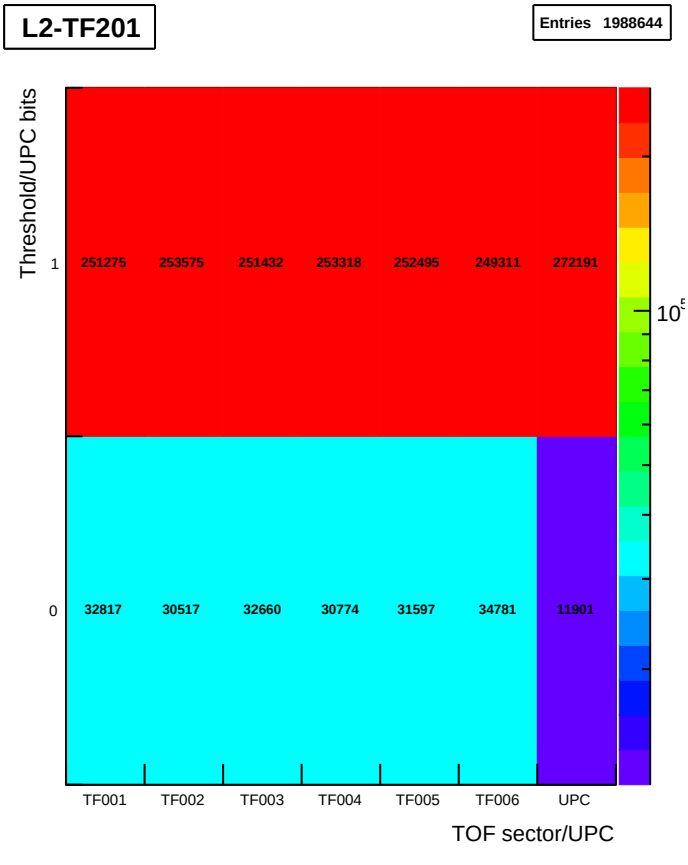

MIX-TF101
Entries 84052
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

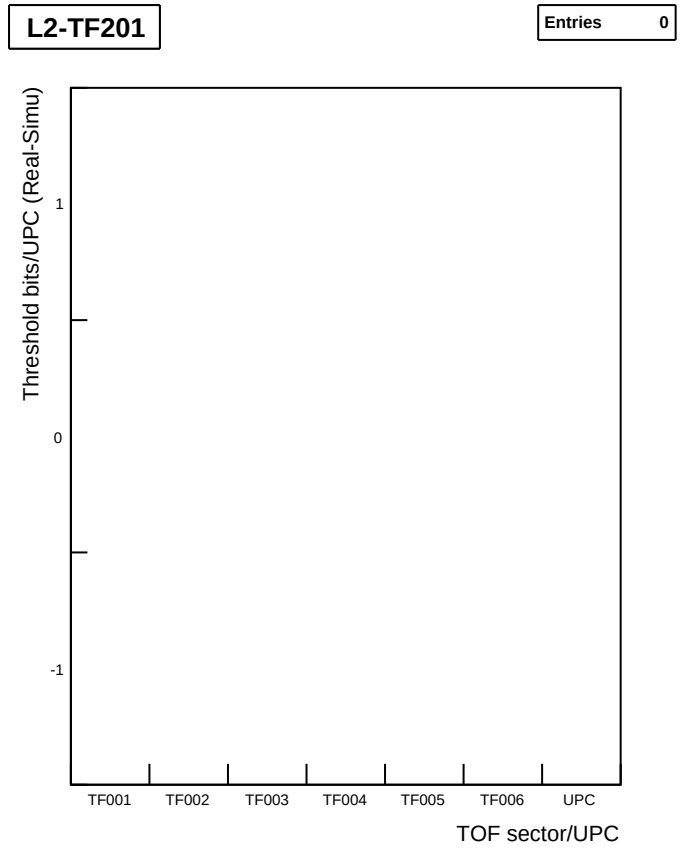

MIX-TF101
Entries 1704552
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

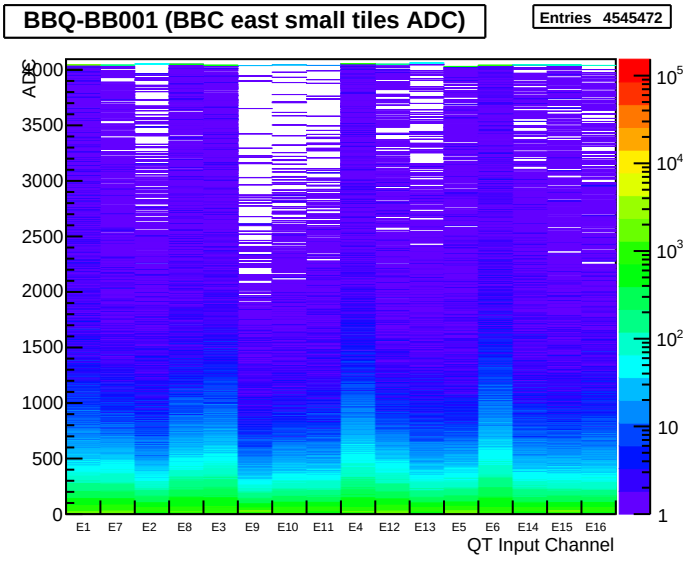

MIX-TF101
Entries 170498
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

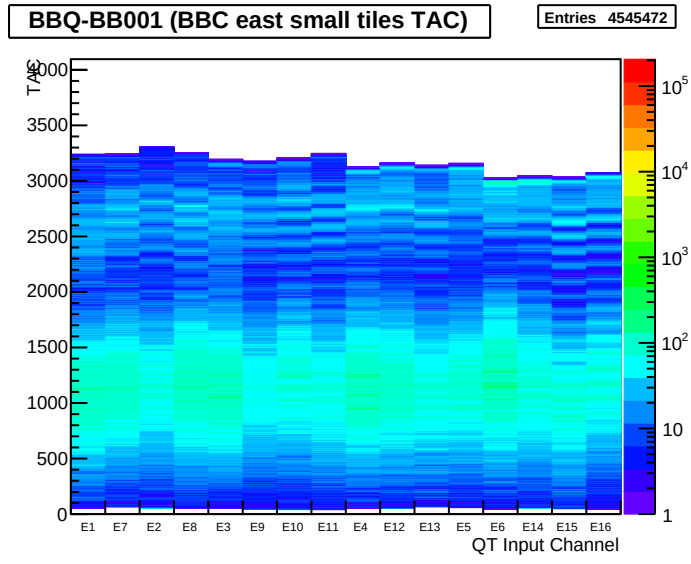

L2-TF201
Entries 284092
TOF total mult

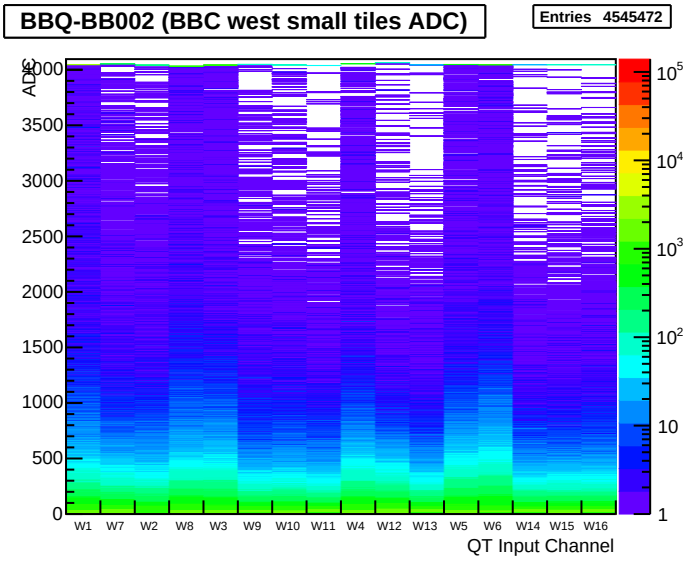

L2-TF201
Entries 0
TOF total mult(Real-Simu)

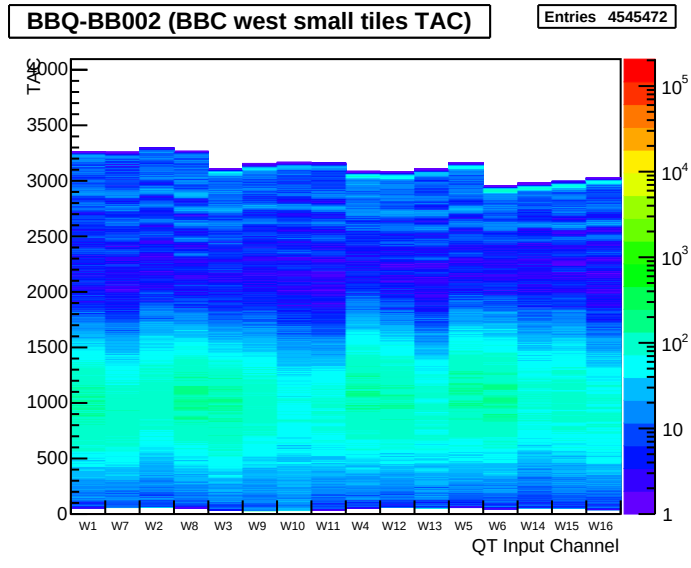

L2-TF201
Entries 1988644
Threshold/UPC bits
251275
253575
251432
253318
252495
249311
272191
32817
30517
32660
30774
31597
34781
11901
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

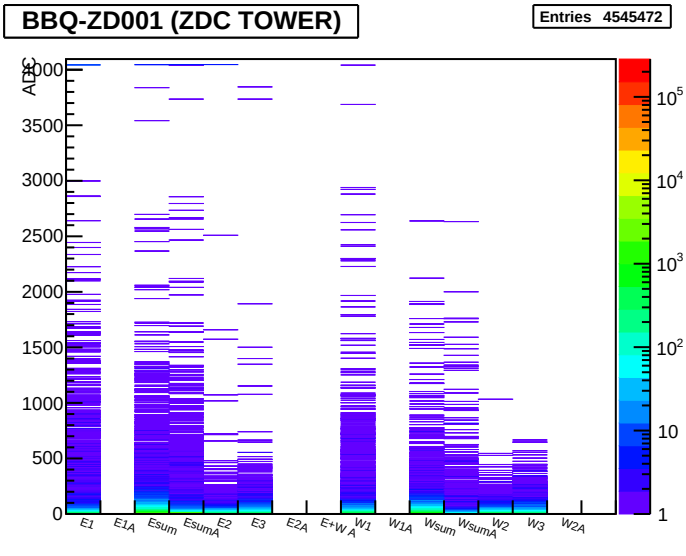

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

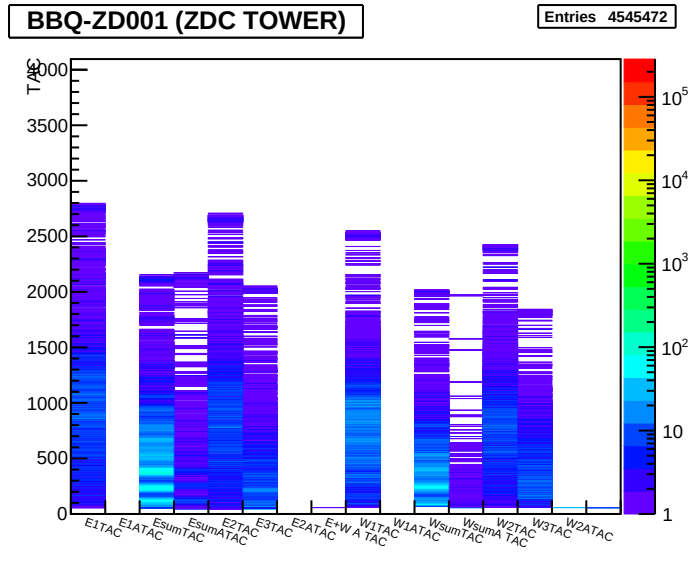

BBQ-BB001 (BBC east small tiles ADC)
Entries 4545472
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

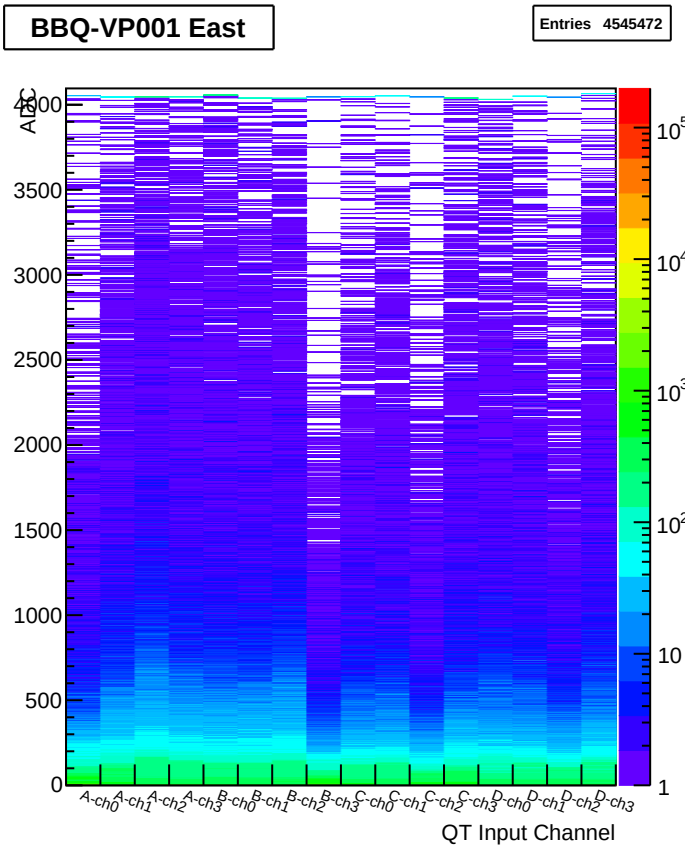

BBQ-BB001 (BBC east small tiles TAC)
Entries 4545472
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

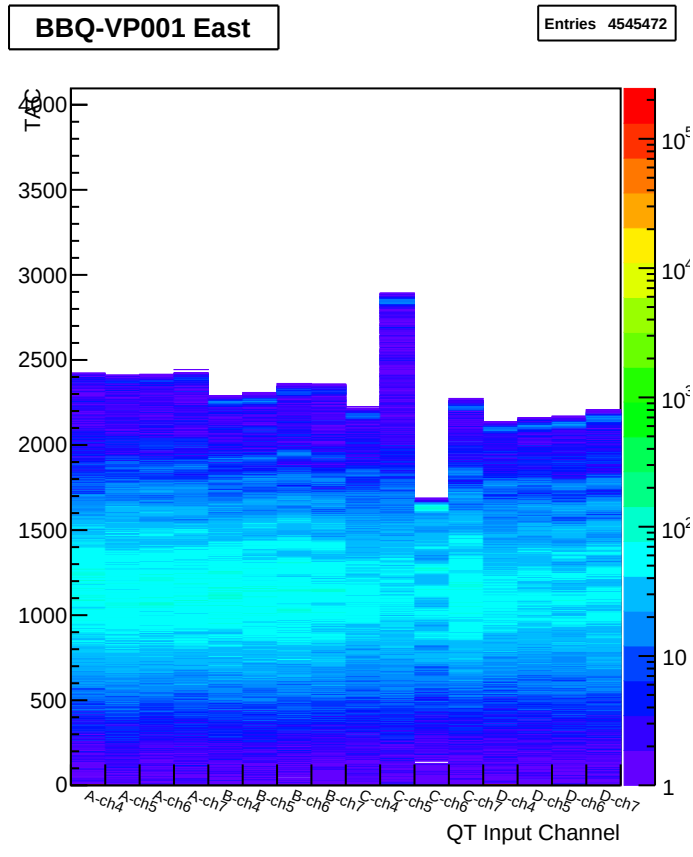

BBQ-BB002 (BBC west small tiles ADC)
Entries 4545472
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

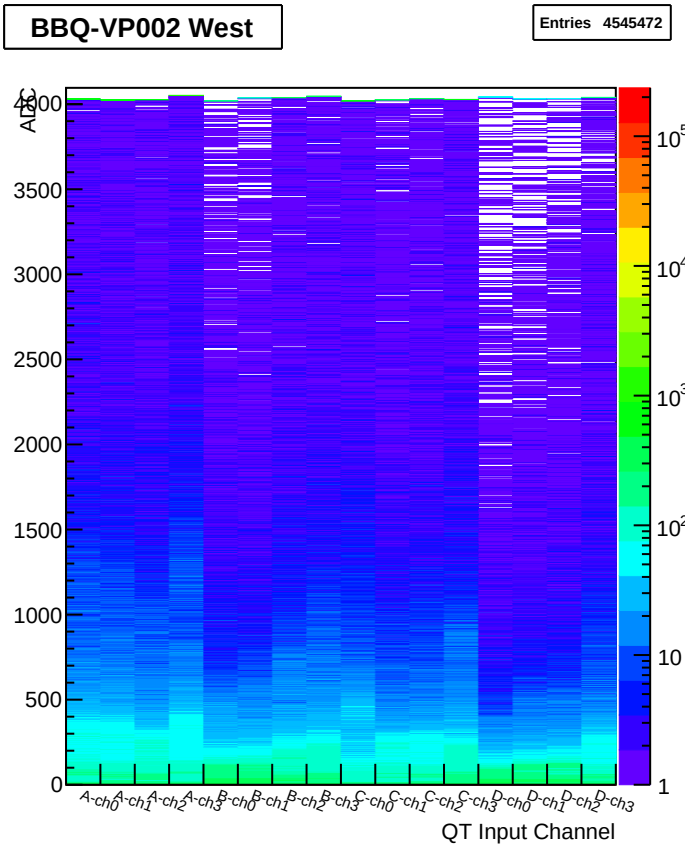

BBQ-BB002 (BBC west small tiles TAC)
Entries 4545472
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

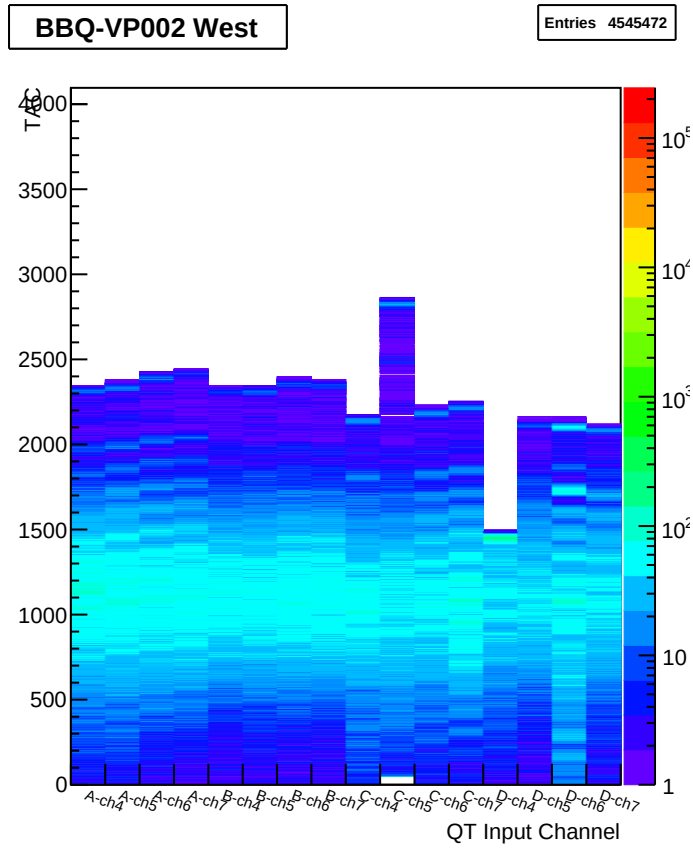

BBQ-ZD001 (ZDC TOWER)
Entries 4545472
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

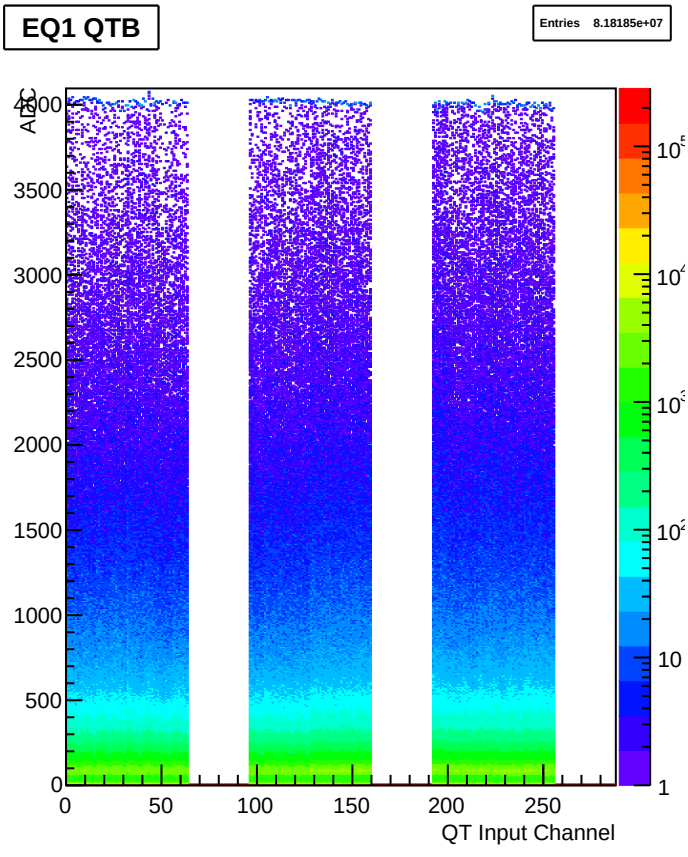

BBQ-ZD001 (ZDC TOWER)
Entries 4545472
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

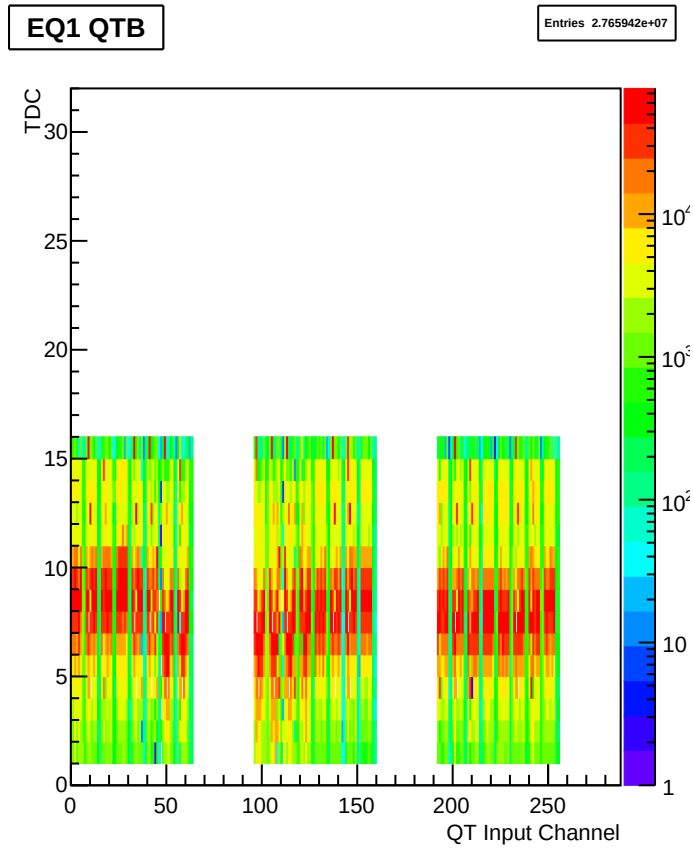

BBQ-VP001 East
Entries 4545472
ADC
QT Input Channel

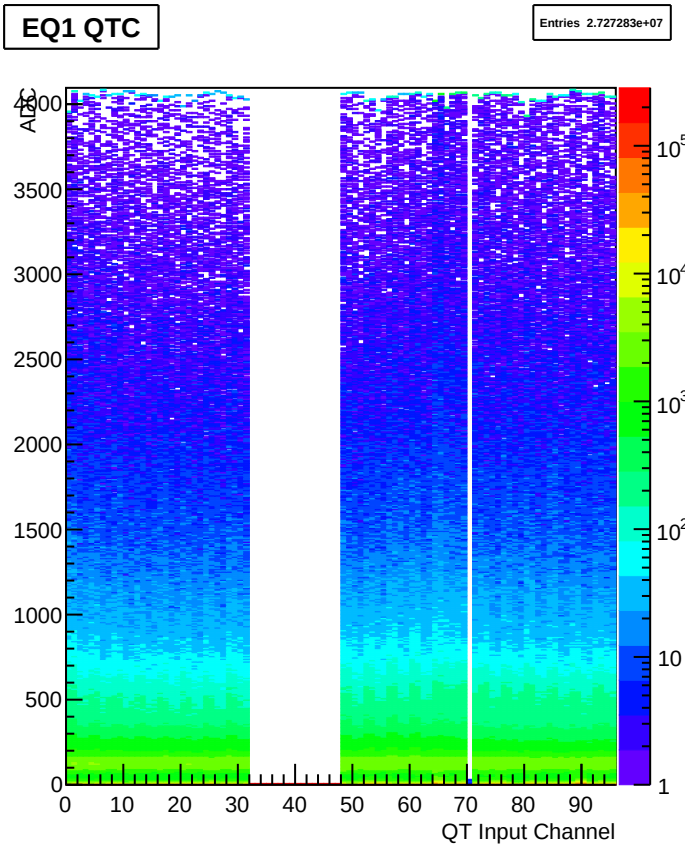

BBQ-VP001 East
Entries 4545472
ADC
QT Input Channel

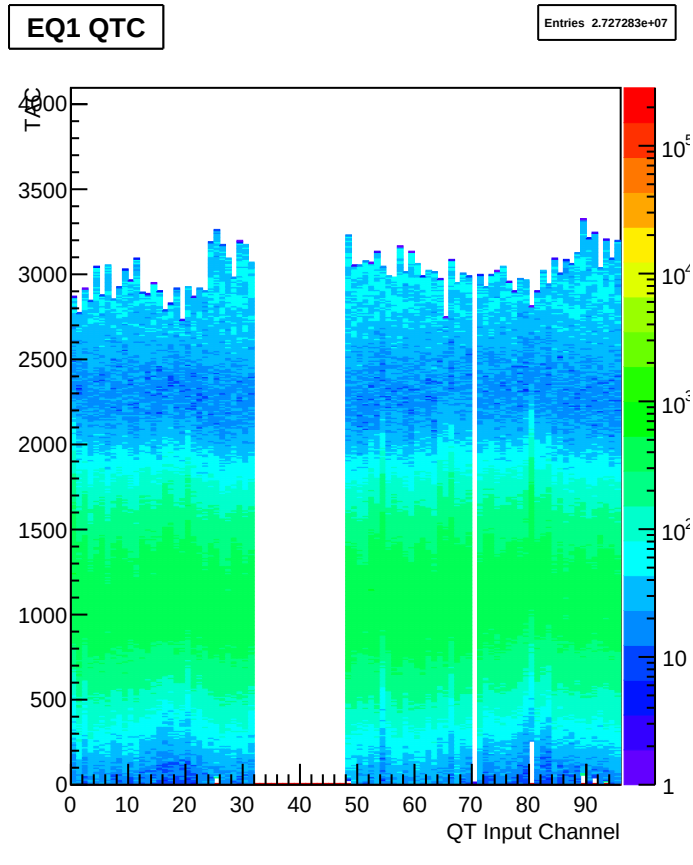

BBQ-VP002 West
Entries 4545472
ADC
QT Input Channel

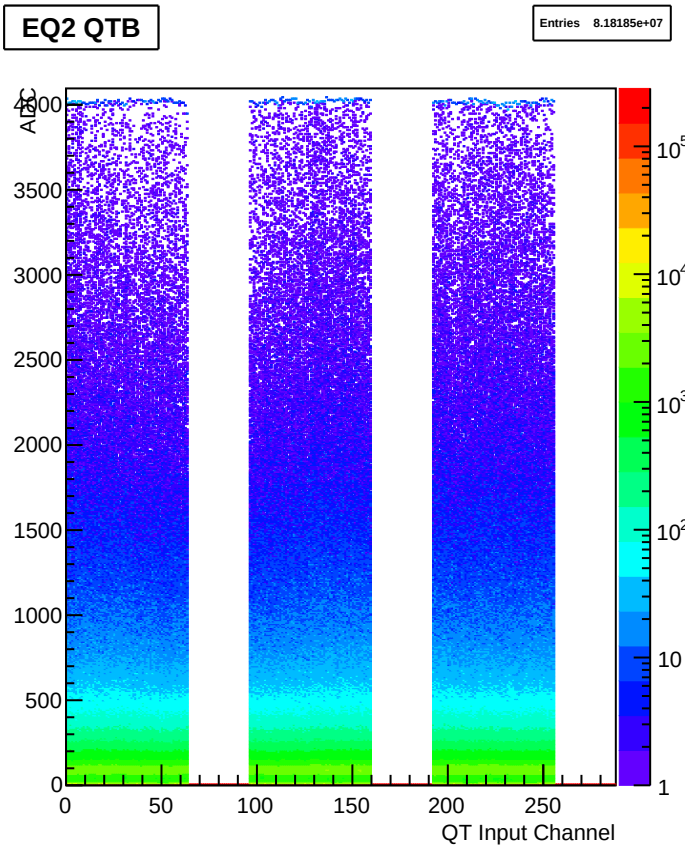

BBQ-VP002 West
Entries 4545472
ADC
QT Input Channel

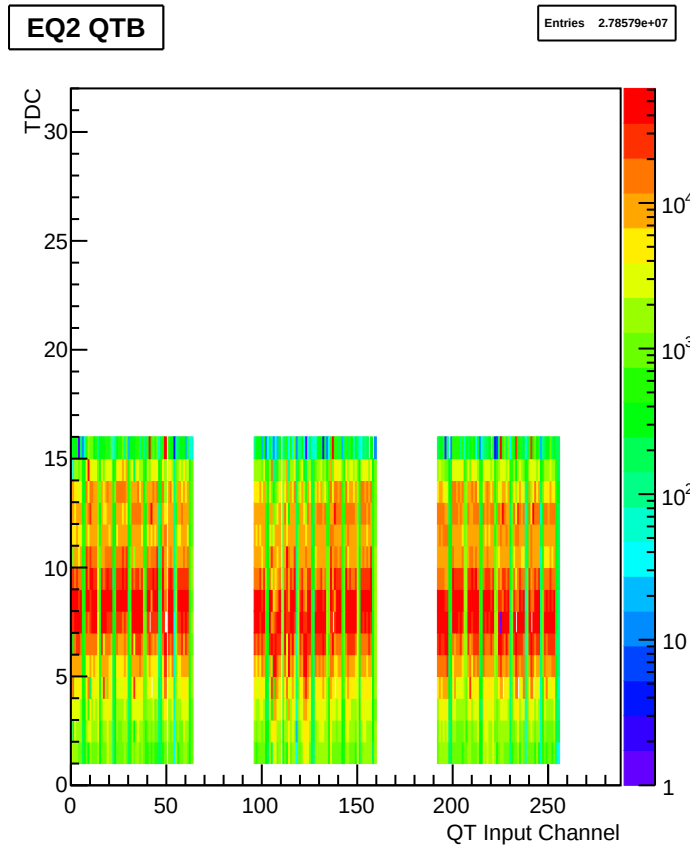

EQ1 QTB
Entries 8.18185e+07
ADC
QT Input Channel

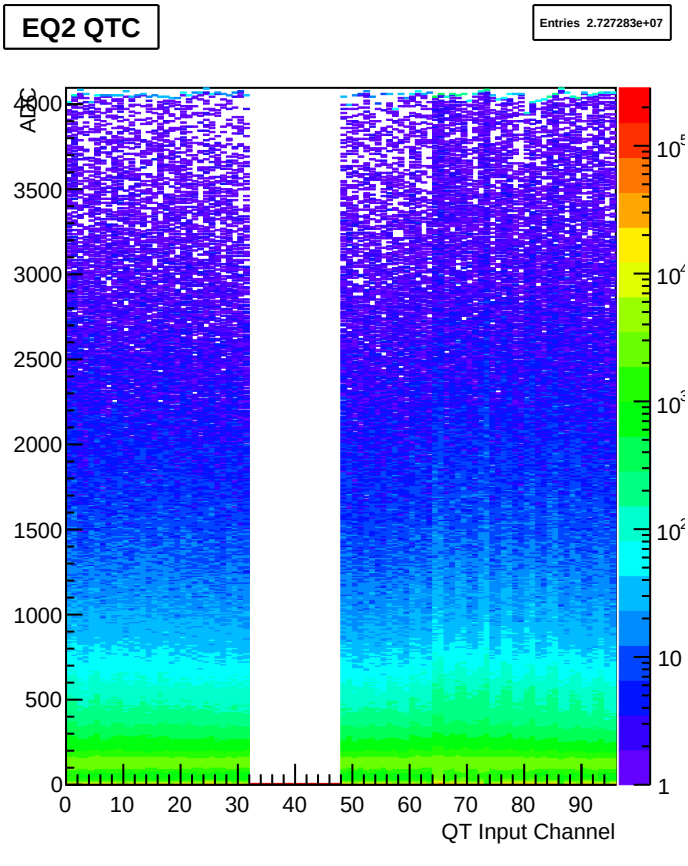

EQ1 QTB
Entries 2.765942e+07
TDC
QT Input Channel

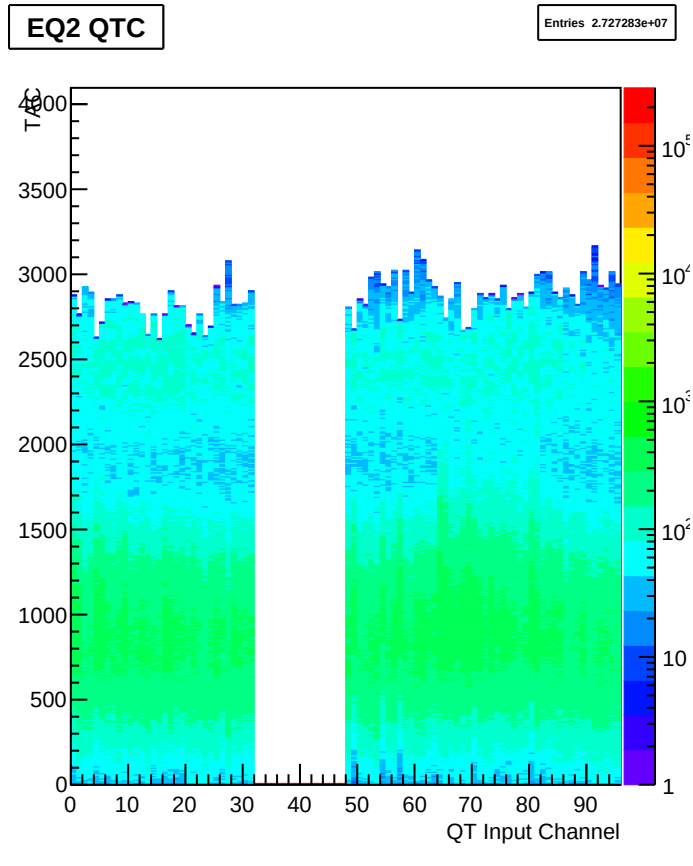

EQ1 QTC
Entries 2.727283e+07
ADC
QT Input Channel

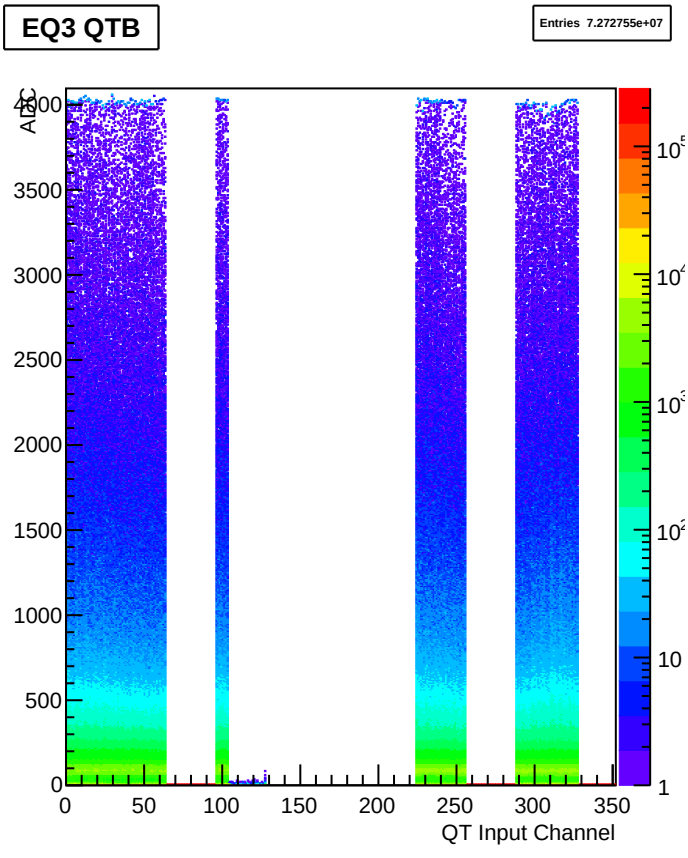

EQ1 QTC
Entries 2.727283e+07
TADC
QT Input Channel

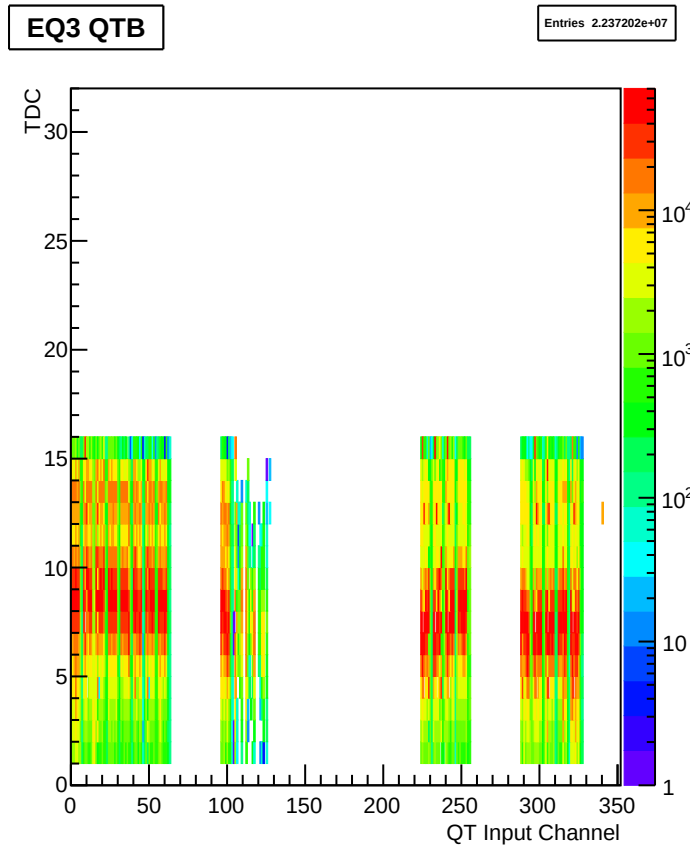

EQ2 QTB
Entries 8.18185e+07
ADC
QT Input Channel

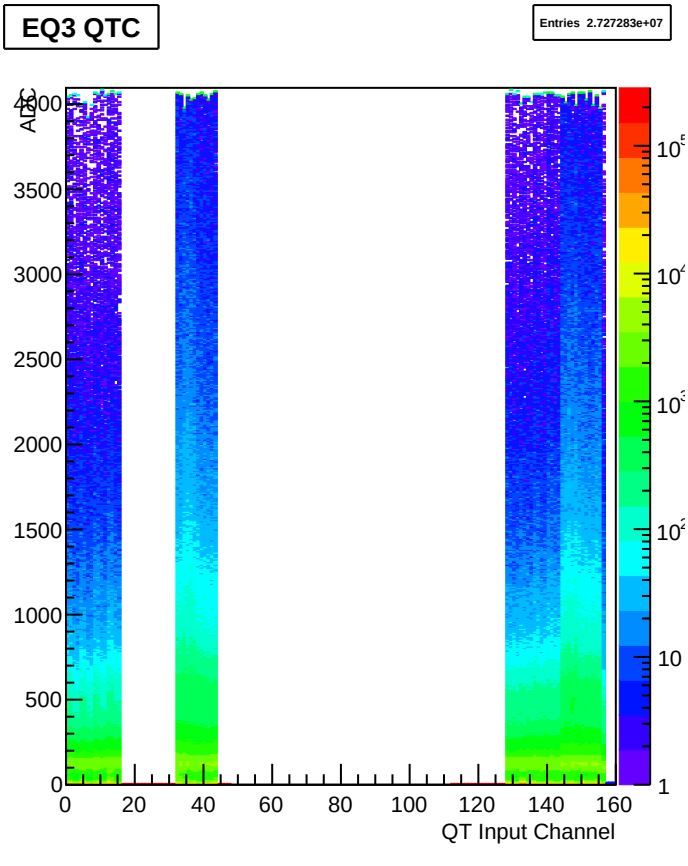

EQ2 QTB
Entries 2.78579e+07
TDC
QT Input Channel

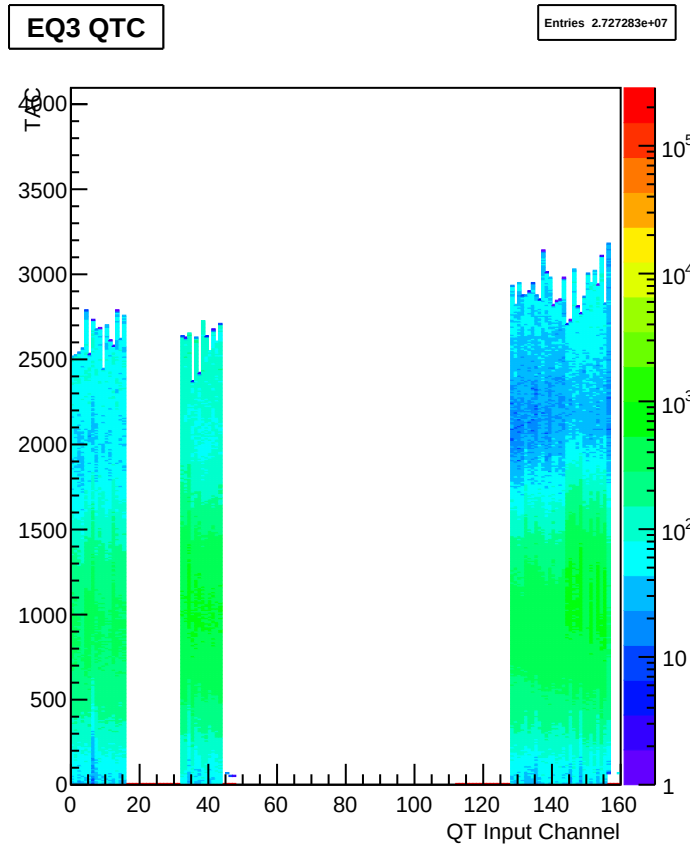

EQ2 QTC
Entries 2.727283e+07
ADC
QT Input Channel

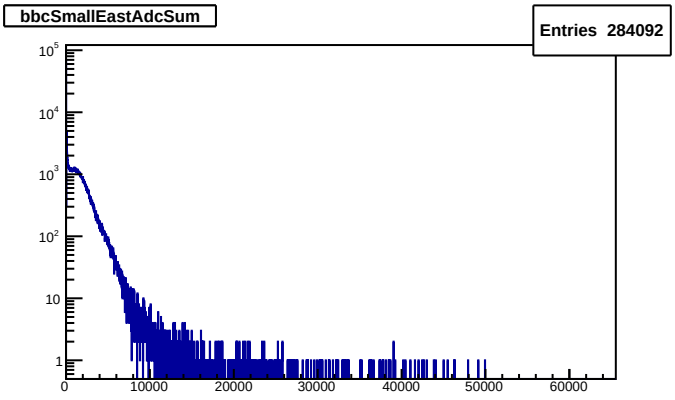

EQ2 QTC
Entries 2.727283e+07
TADC
QT Input Channel

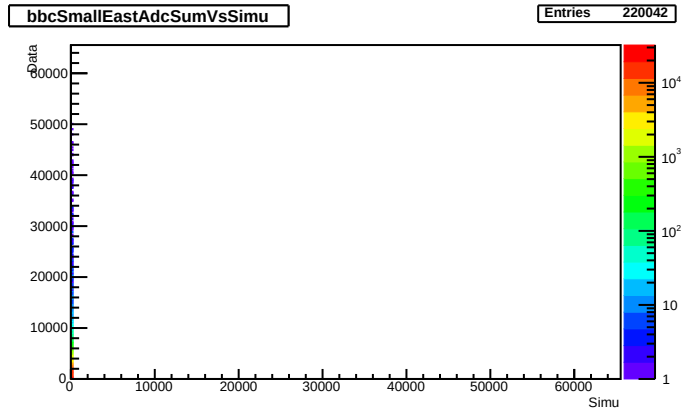

EQ3 QTB
Entries 7.272755e+07
ADC
QT Input Channel

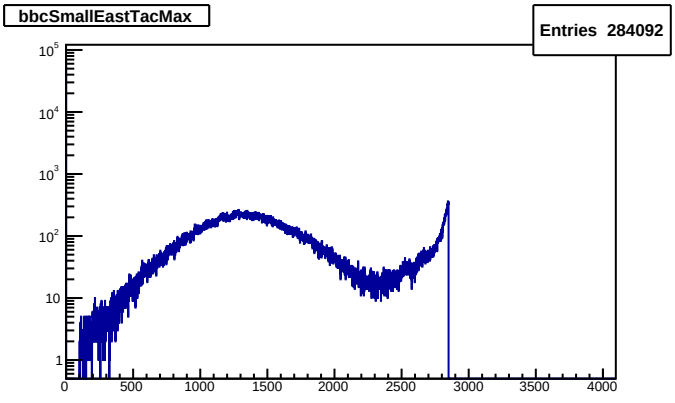

EQ3 QTB
Entries 2.237202e+07
TDC
QT Input Channel

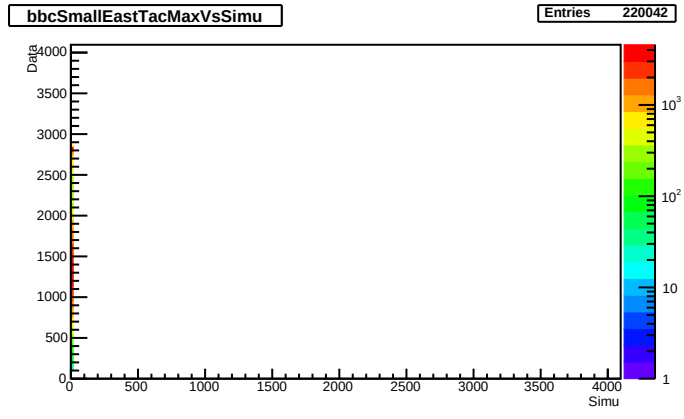

EQ3 QTC
Entries 2.727283e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.727283e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 284092


bbcSmallEastAdcSumVsSimu
Entries 220042
Data
Simu


bbcSmallEastTacMax
Entries 284092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Entries 220042
Data
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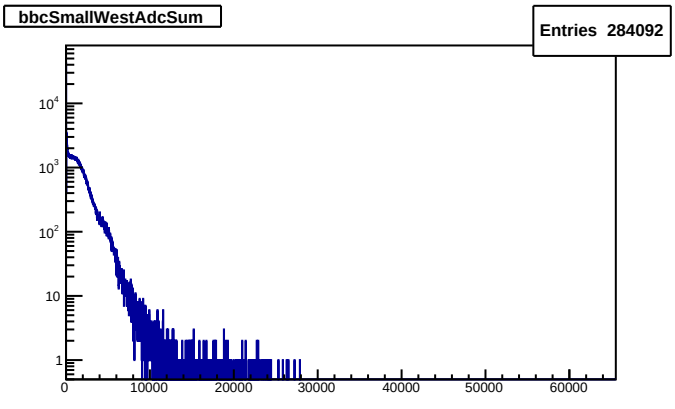
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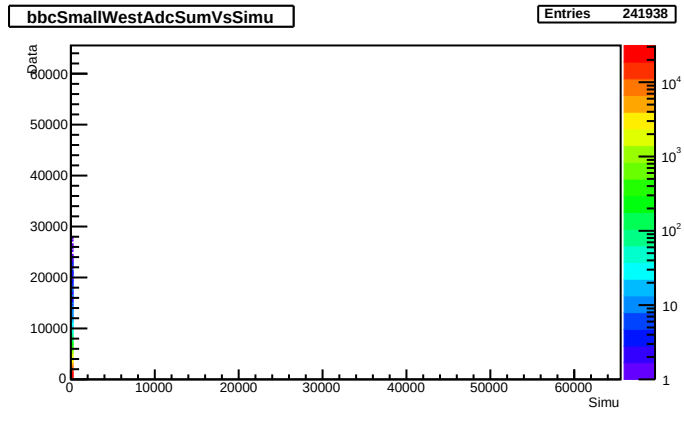
Entries 284092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Entries 241938
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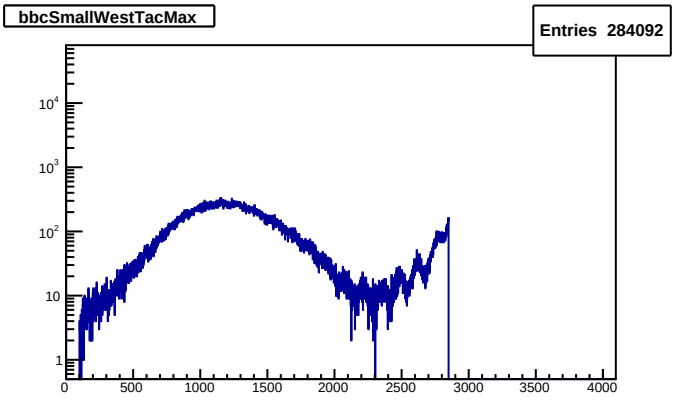
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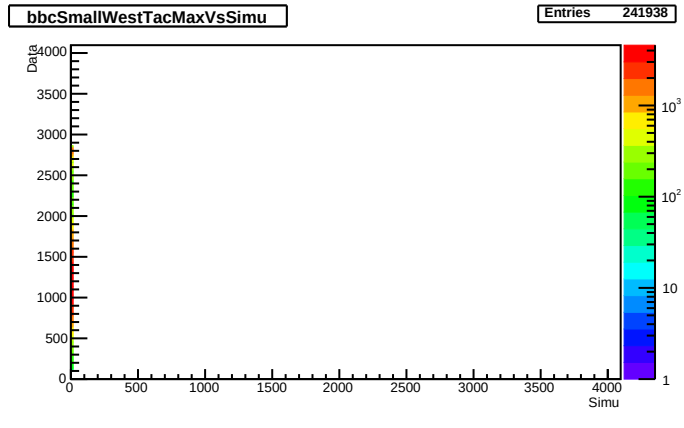
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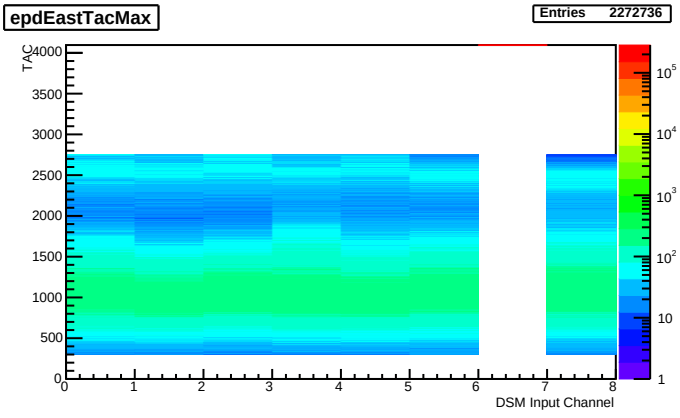
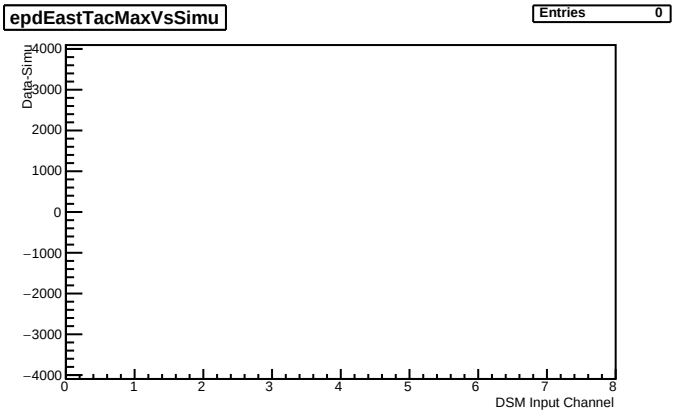
Entries 241938
Data
Simu


epdEastTacMax
Entries 2272736
TAC
DSM Input Channel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Entries 0
Data-Simu
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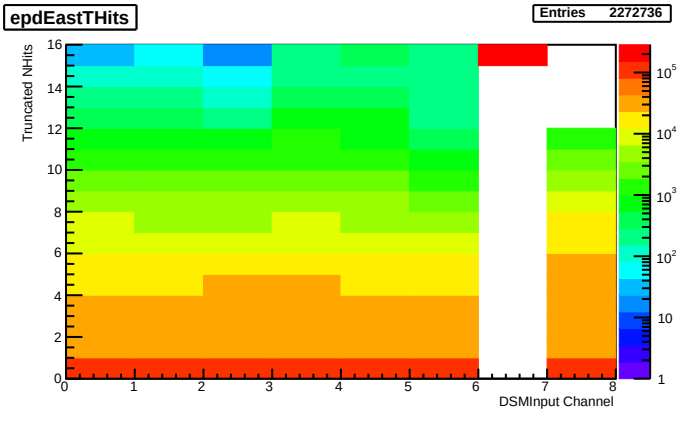
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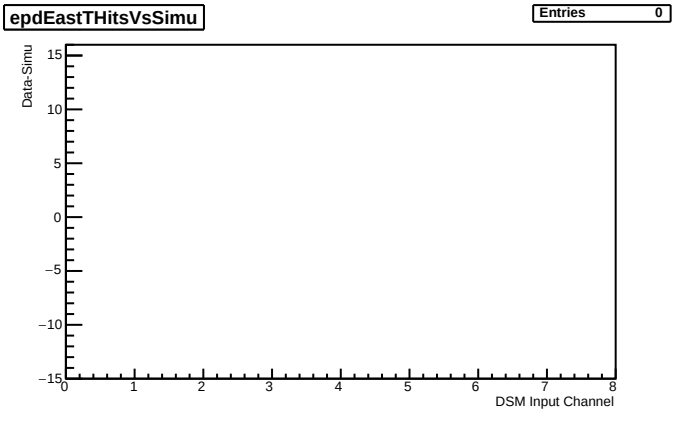
Entries 2272736
Truncated NHits
DSMInput Channel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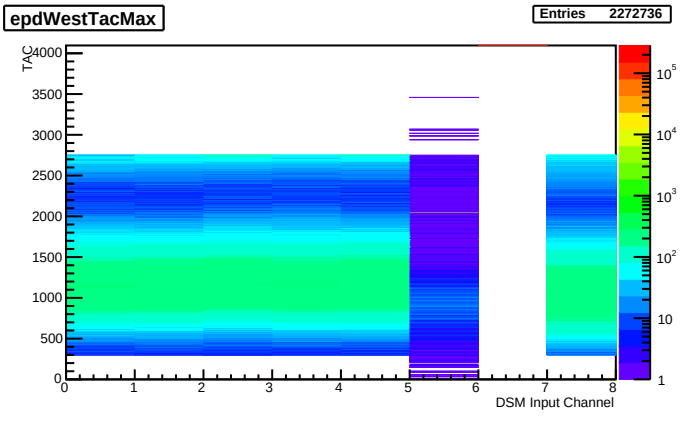
DSM Input Channel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Entries 2272736
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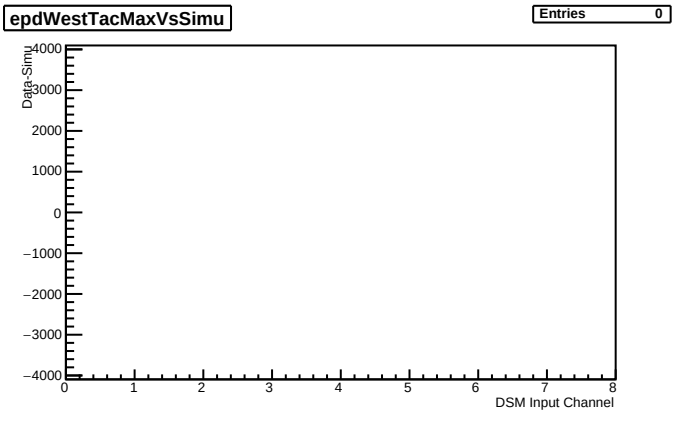
DSM Input Channel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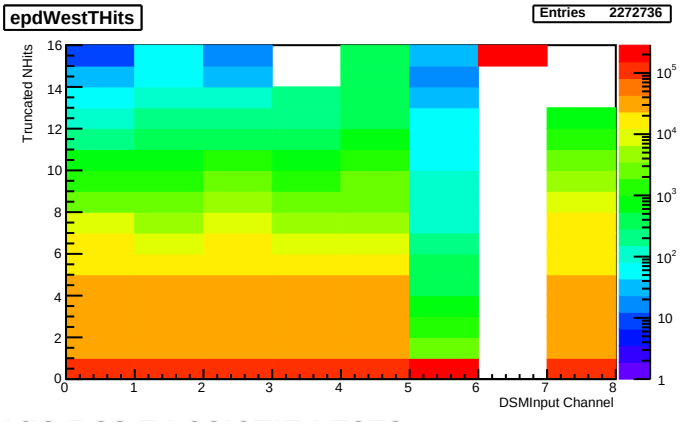
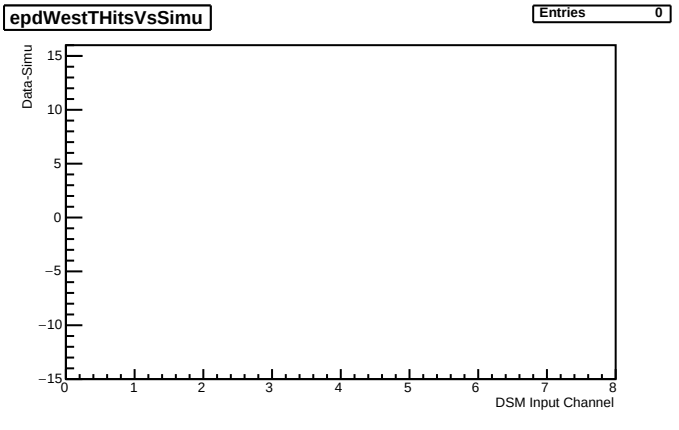
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2272736
Truncated NHits
DSMInput Channel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Entries 0
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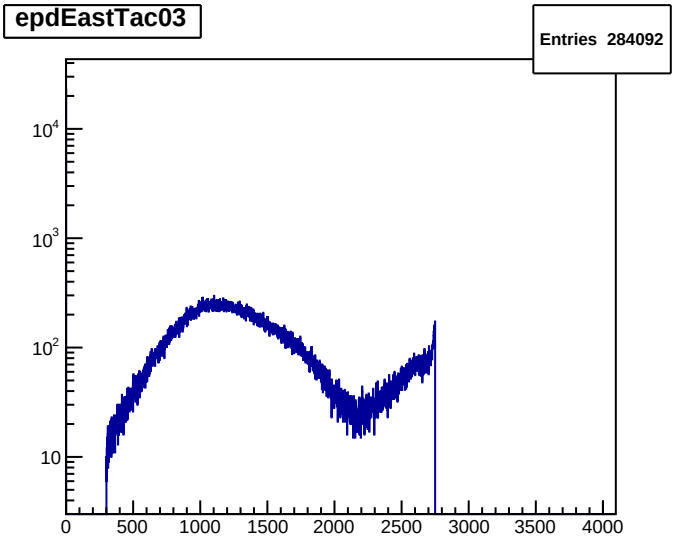
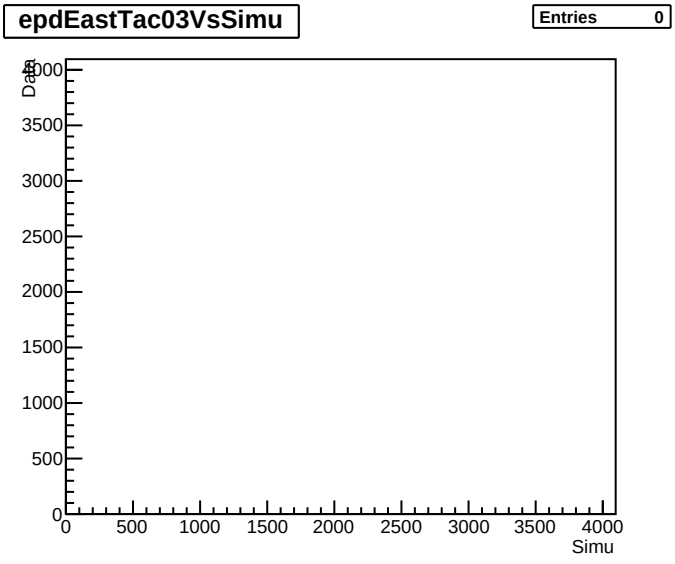
DSM Input Channel


epdEastTac03
Entries 284092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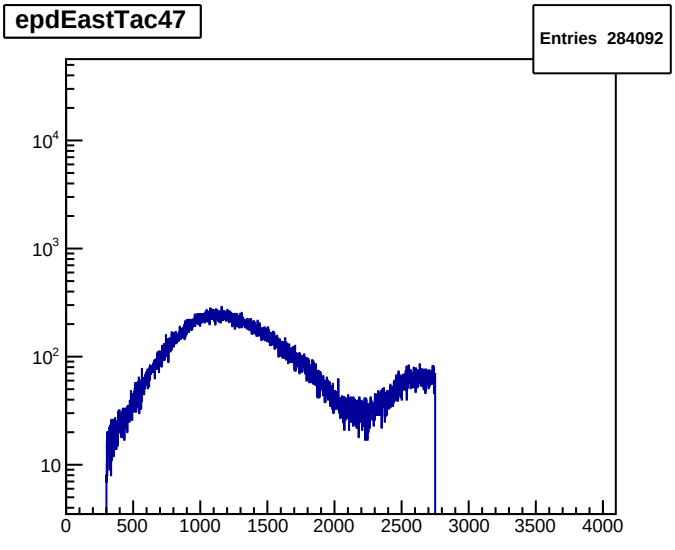
Entries 0
Data
Simu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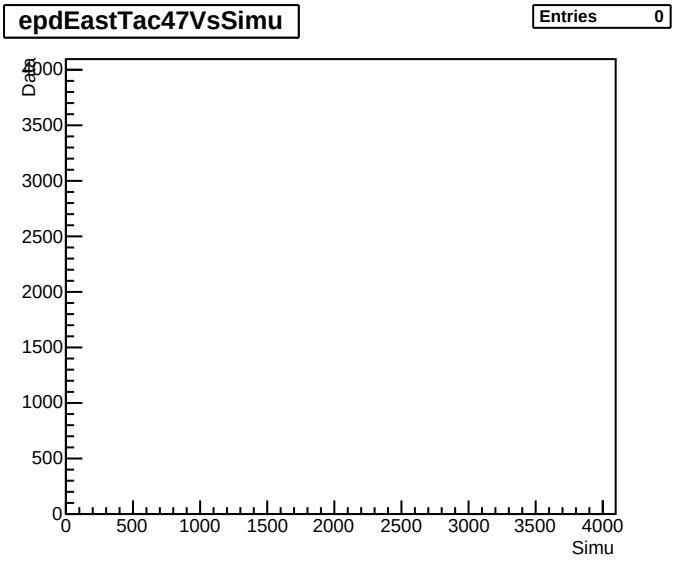
Entries 284092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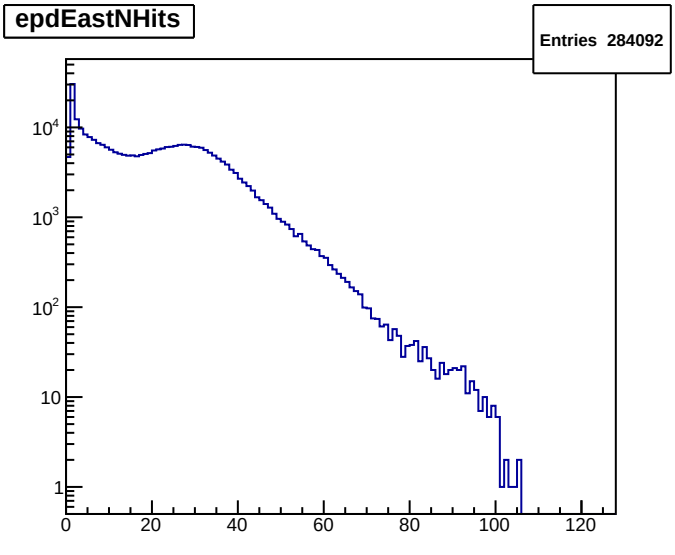
Entries 0
Data
Simu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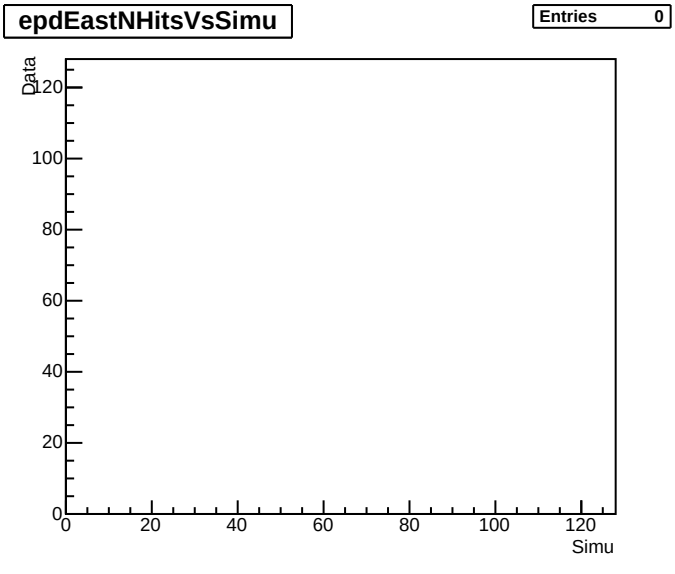
Entries 284092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Data
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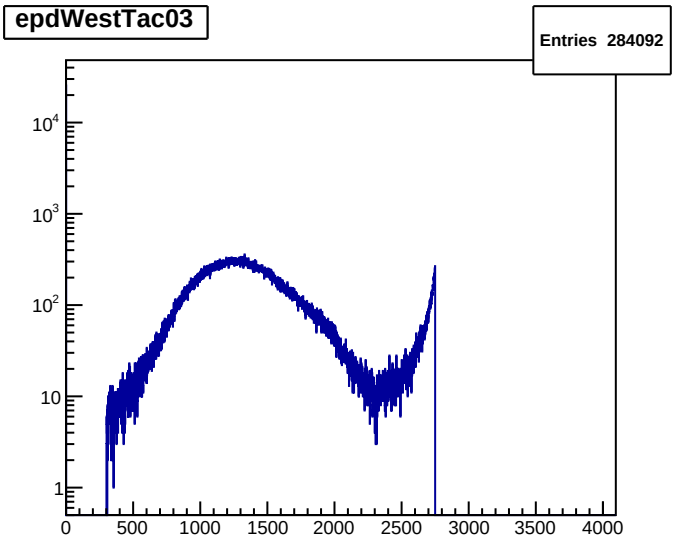
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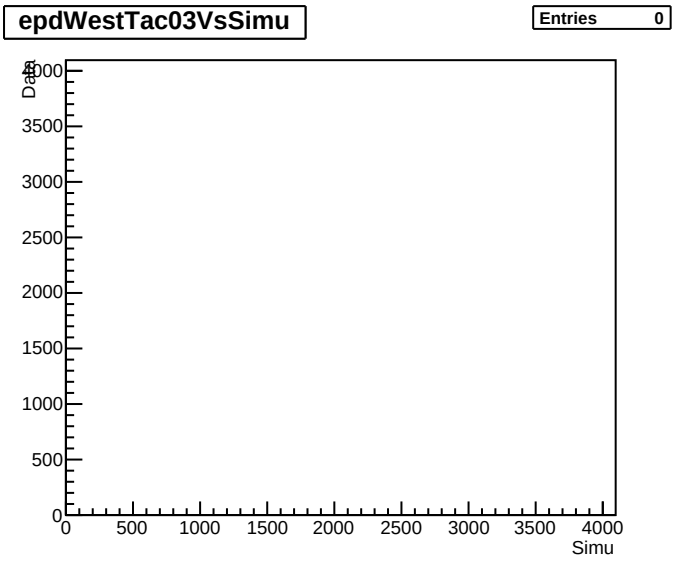
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Data
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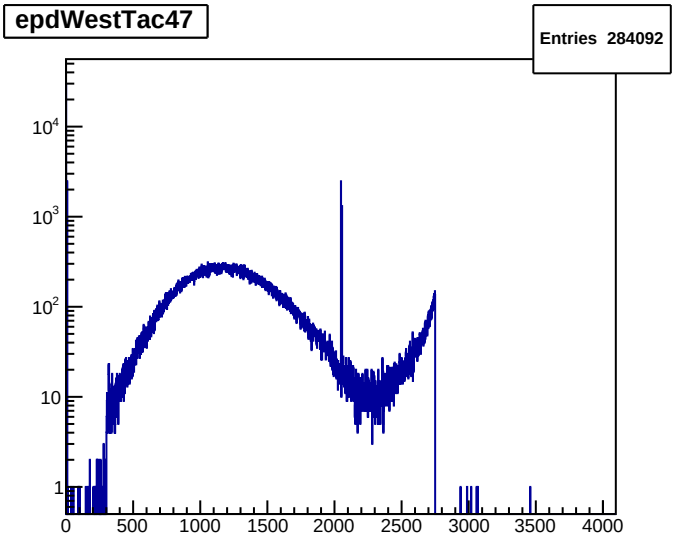
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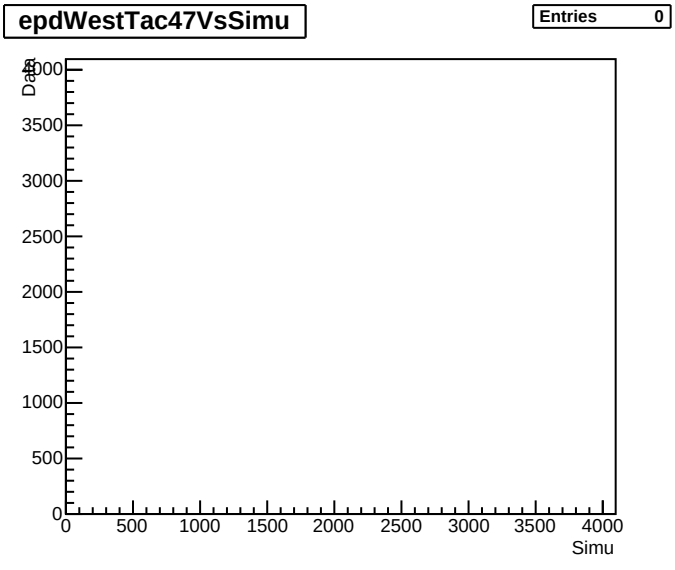
Entries 284092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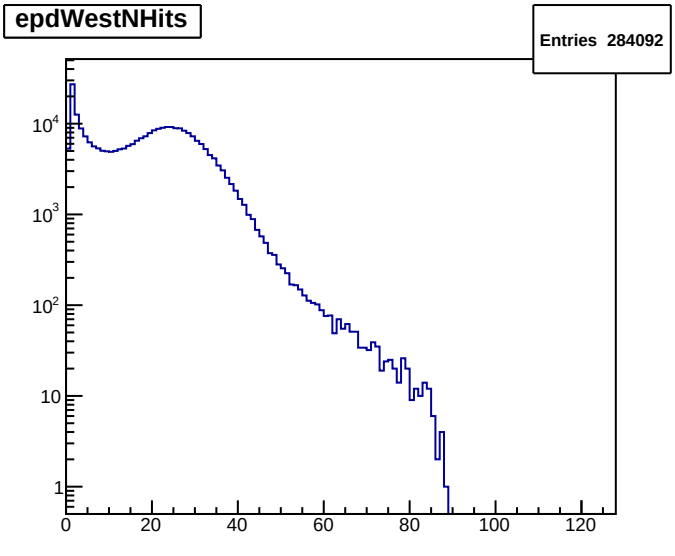
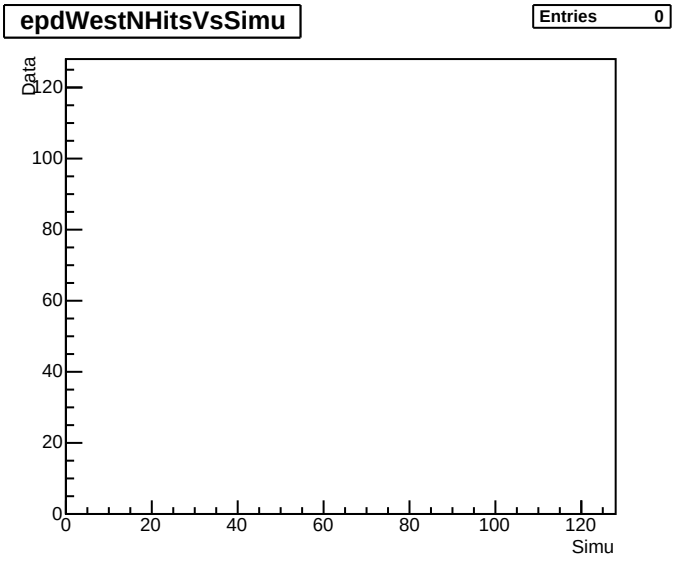
Entries 0
Data
Simu


epdWestNHits
Entries 284092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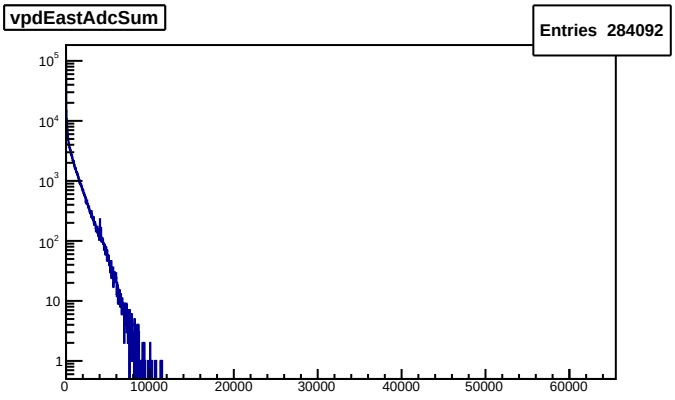
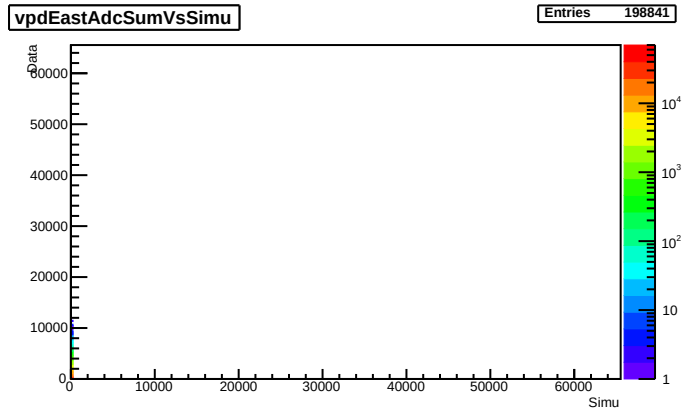
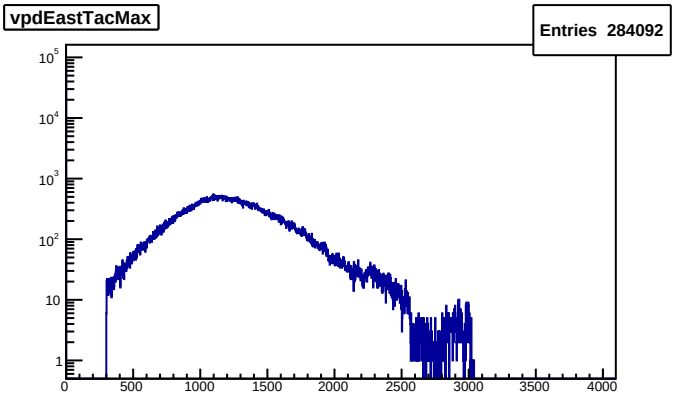
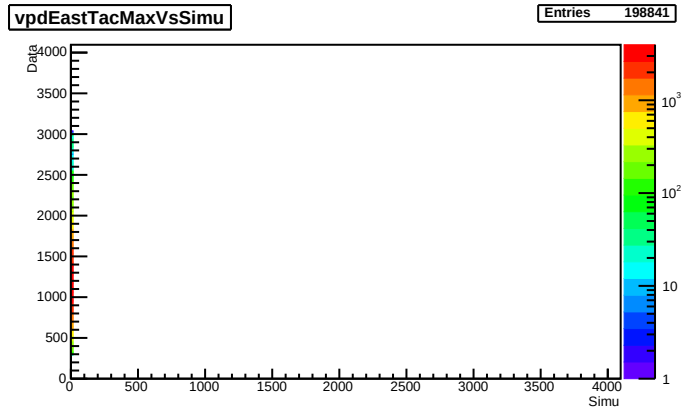
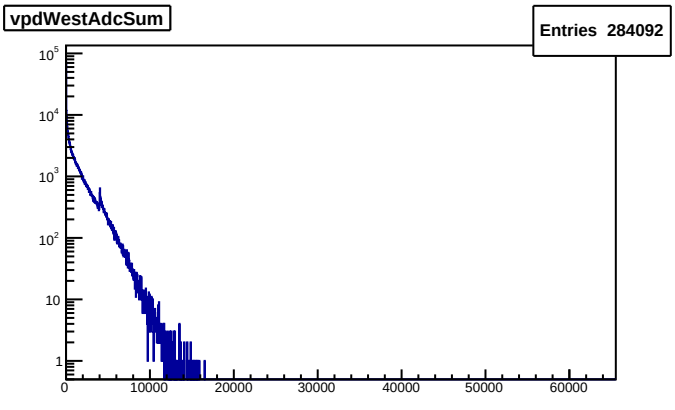
Entries 0
Data
Simu

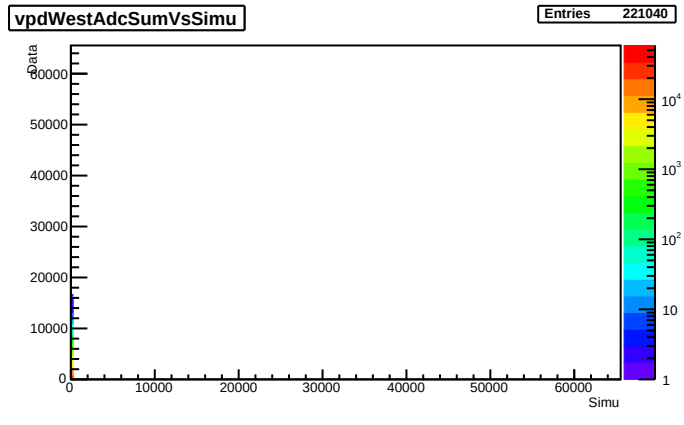

vpdEastAdcSum
Entries 284092

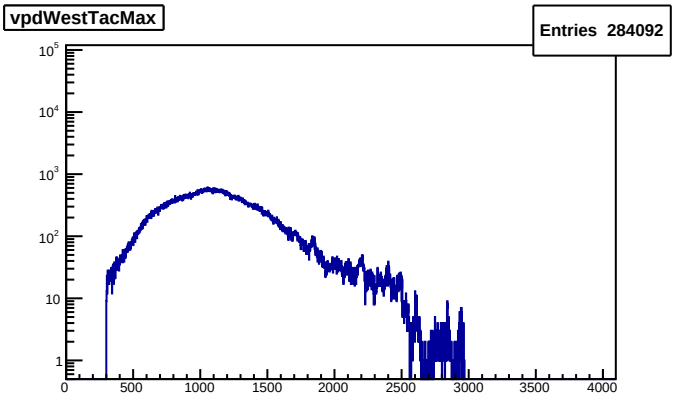

vpdEastAdcSumVsSimu
Entries 198841
Data
Simu

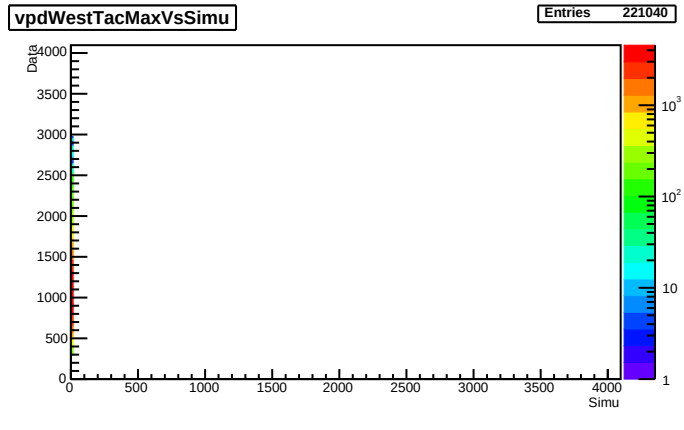

vpdEastTacMax
Entries 284092

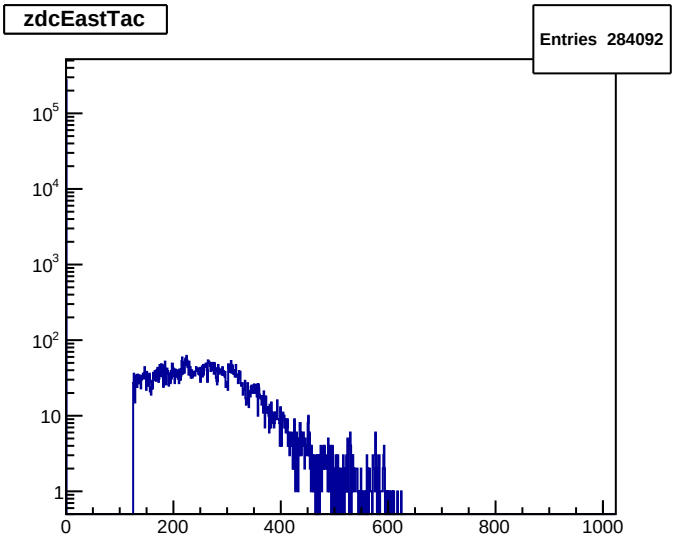

vpdEastTacMaxVsSimu
Entries 198841
Data
Simu

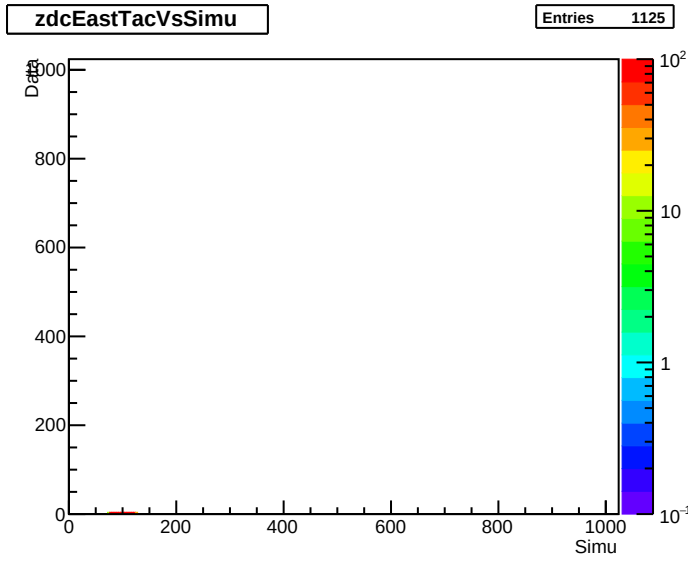

vpdWestAdcSum
Entries 284092

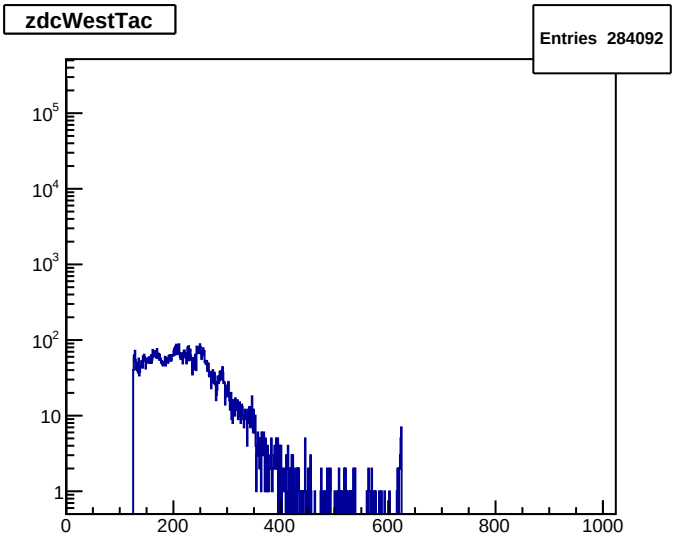

vpdWestAdcSumVsSimu
Entries 221040
Data
Simu

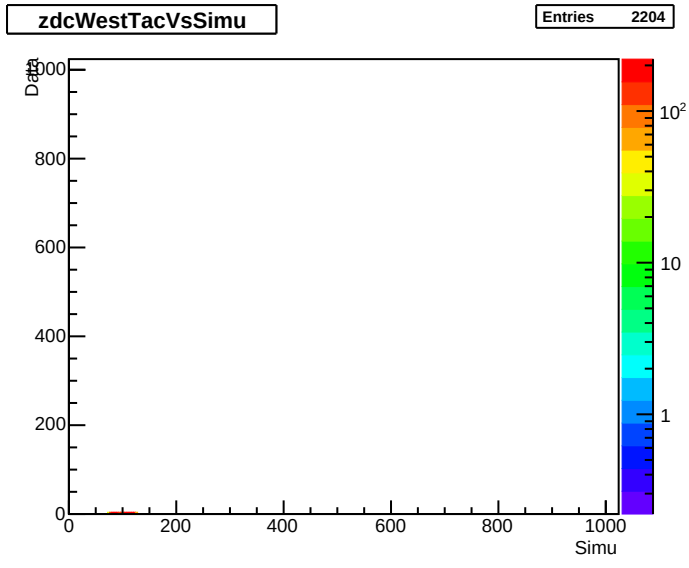

vpdWestTacMax
Entries 284092

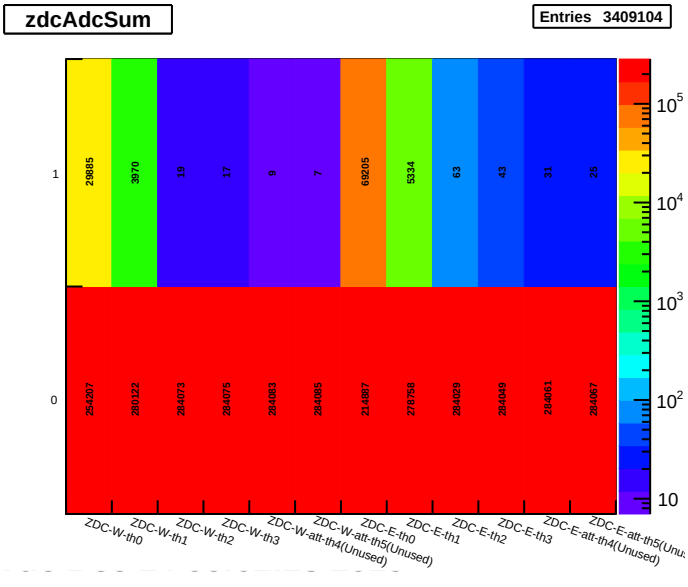

vpdWestTacMaxVsSimu
Entries 221040
Data
Simu

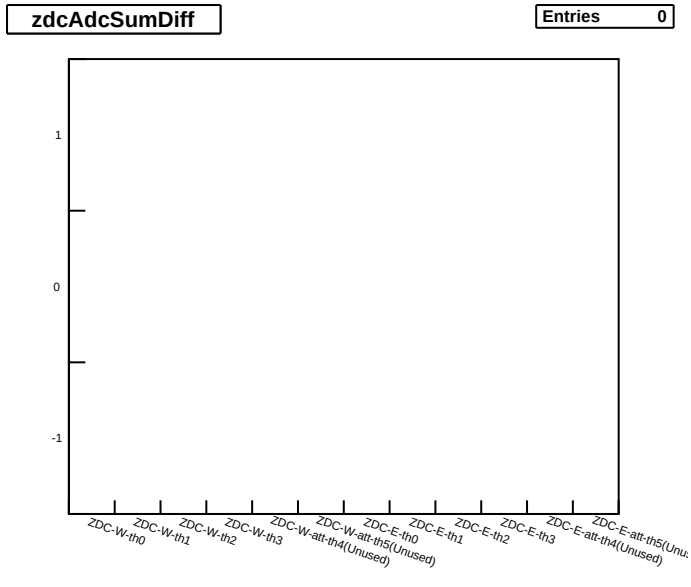

zdcEastTac
Entries 284092


zdcEastTacVsSimu
Entries 1125
Data
Simu


zdcWestTac
Entries 284092


zdcWestTacVsSimu
Entries 2204
Data
Simu


zdcAdcSum
Entries 3409104
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
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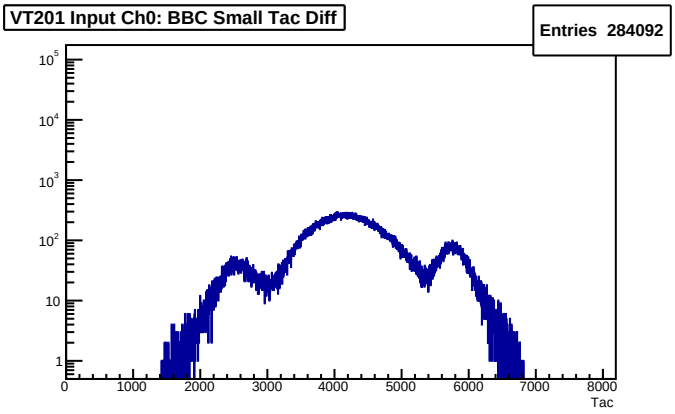
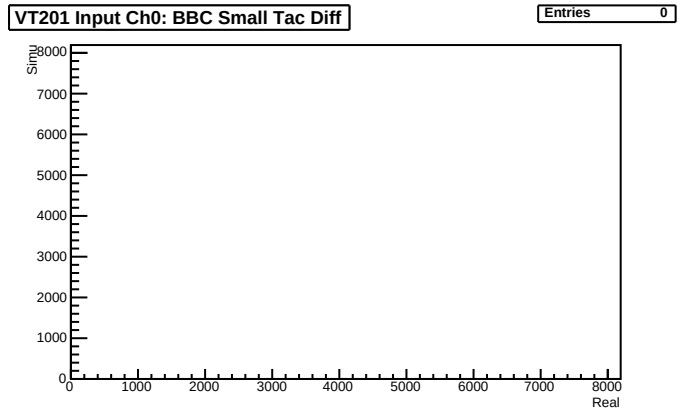
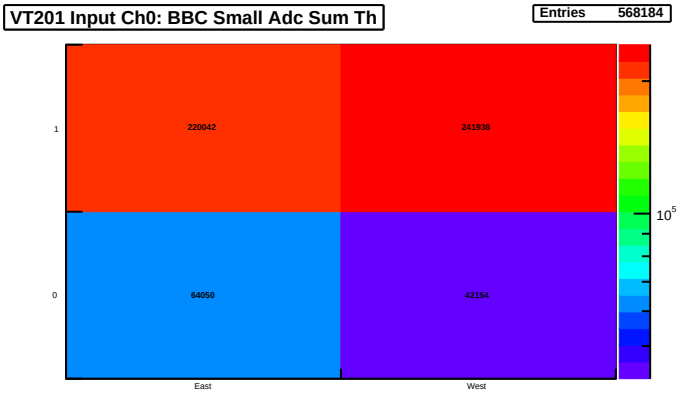
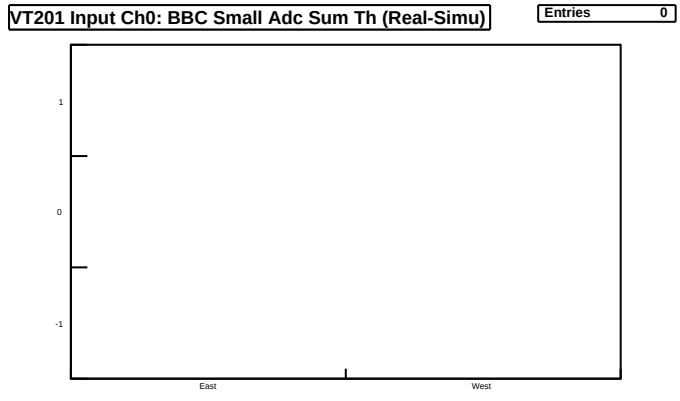
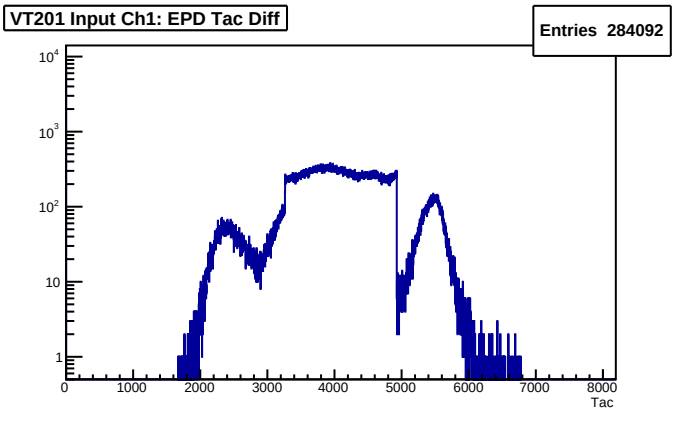
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

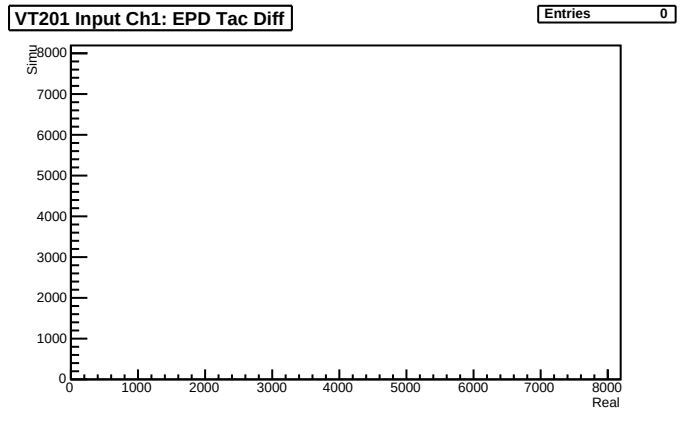

VT201 Input Ch0: BBC Small Tac Diff
Entries 284092
Tac

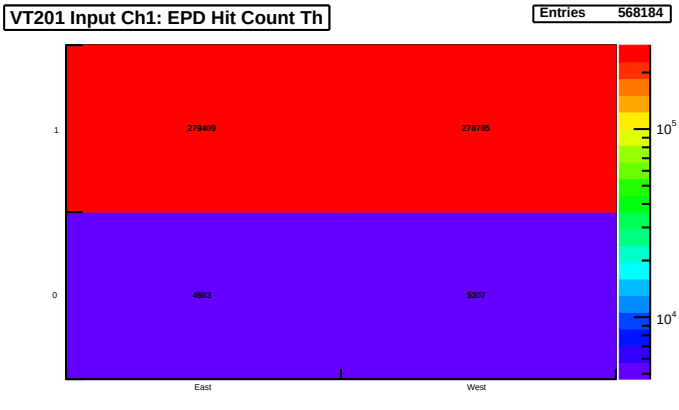

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

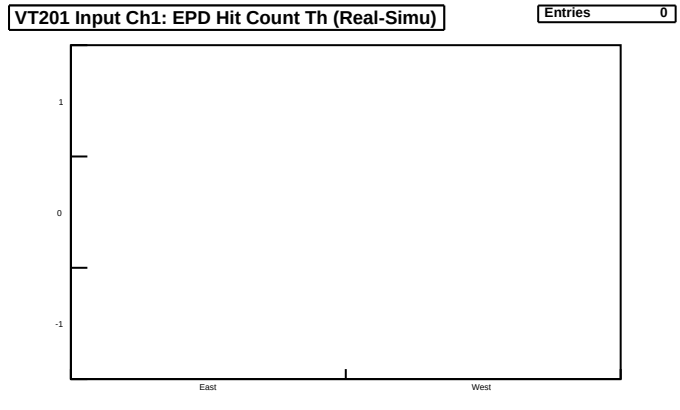

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 568184
220042
241938
64050
42154
East
West

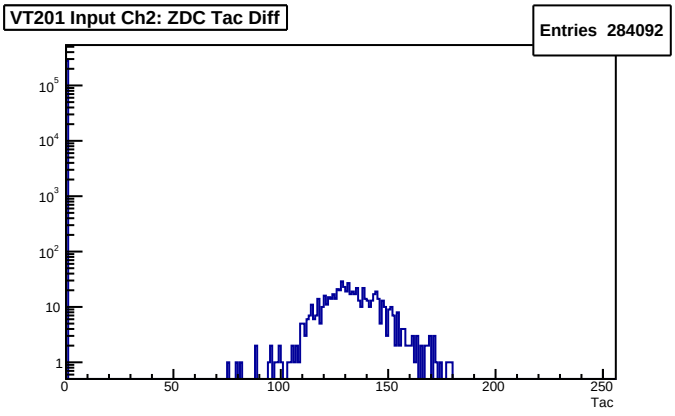

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

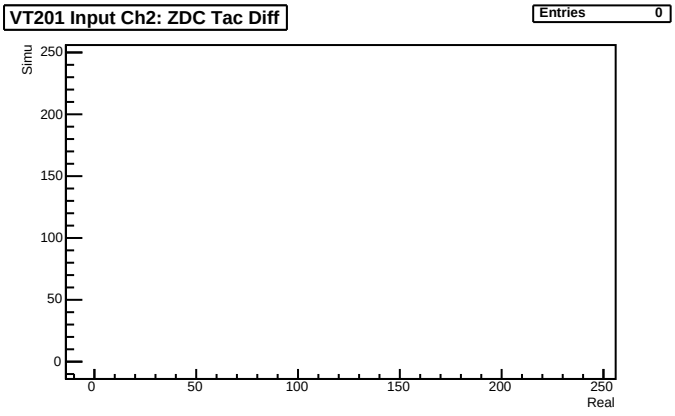

VT201 Input Ch1: EPD Tac Diff
Entries 284092
Tac

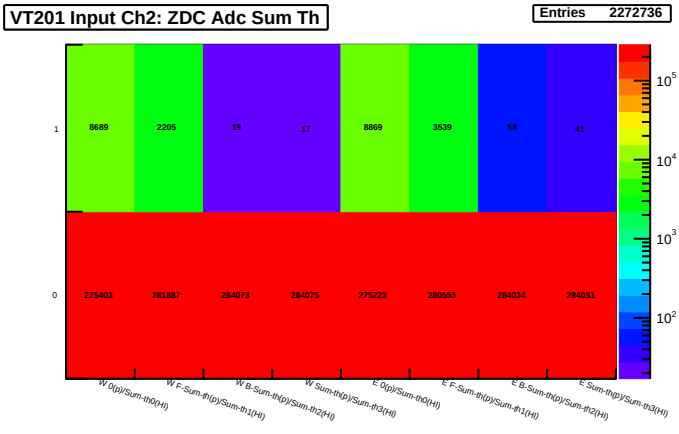

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

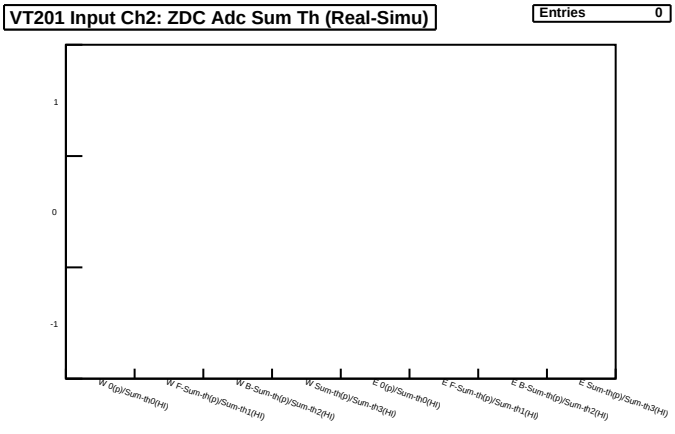

VT201 Input Ch1: EPD Hit Count Th
Entries 568184
279409
278785
4683
5307
East
West

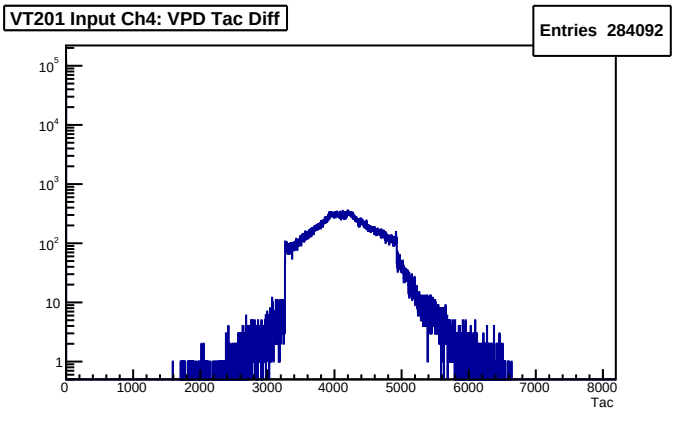

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

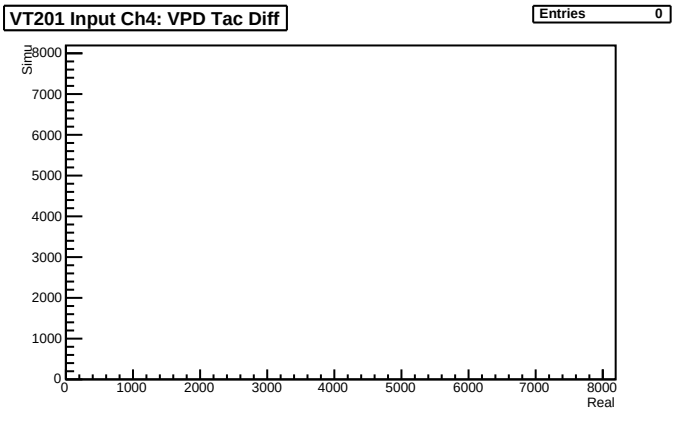

VT201 Input Ch2: ZDC Tac Diff
Entries 284092
Tac

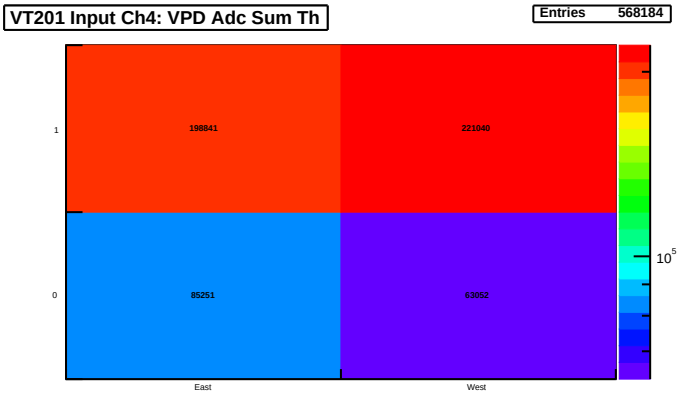

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

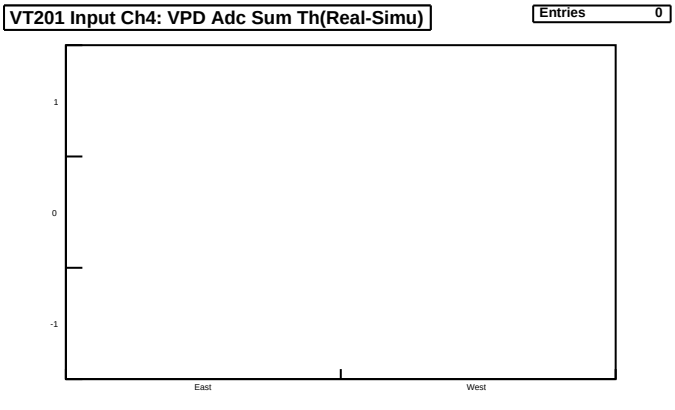

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2272736
8689
2205
19
17
8869
3539
58
41
275403
281887
284073
284075
275223
280553
284034
284051
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

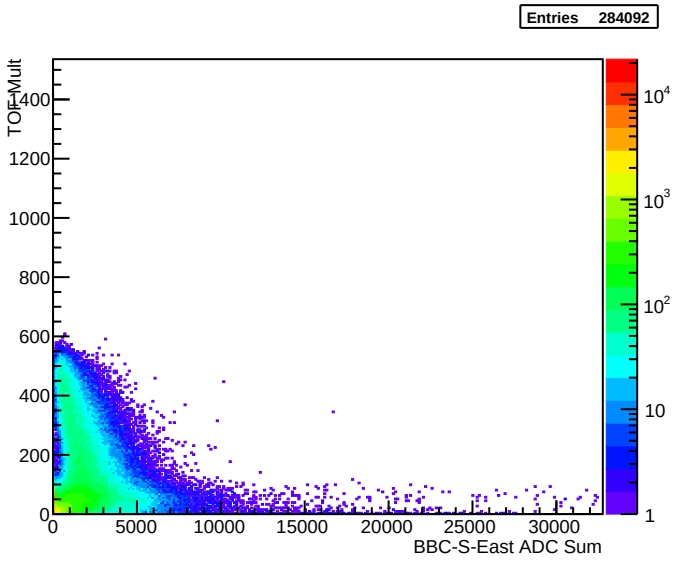

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

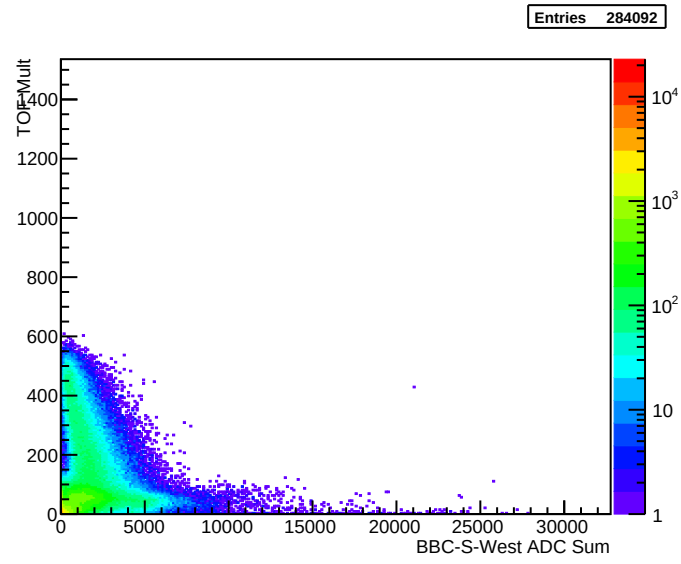

VT201 Input Ch4: VPD Tac Diff
Entries 284092
Tac

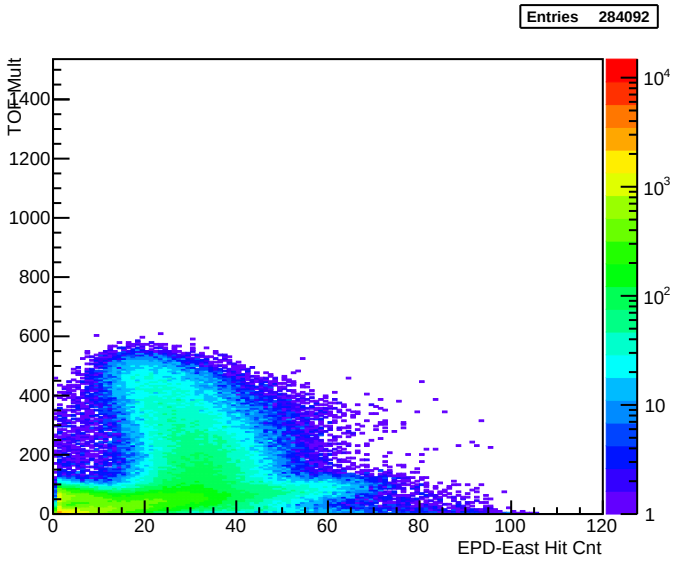

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

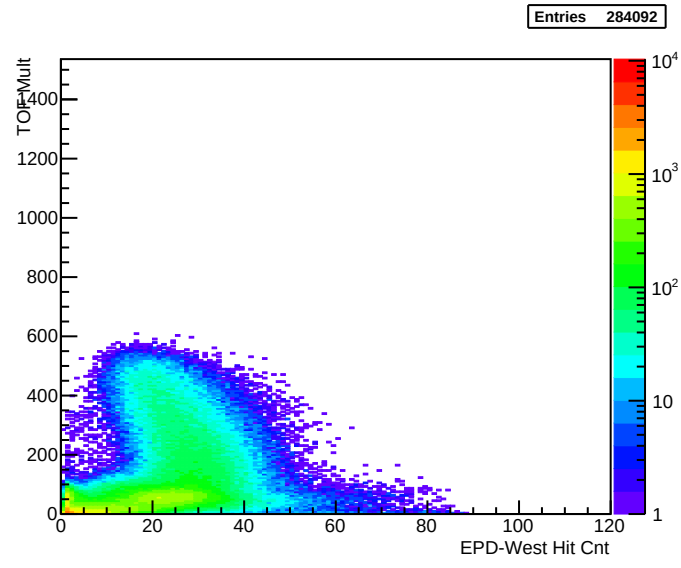

VT201 Input Ch4: VPD Adc Sum Th
Entries 568184
198841
221040
85251
63052
East
West

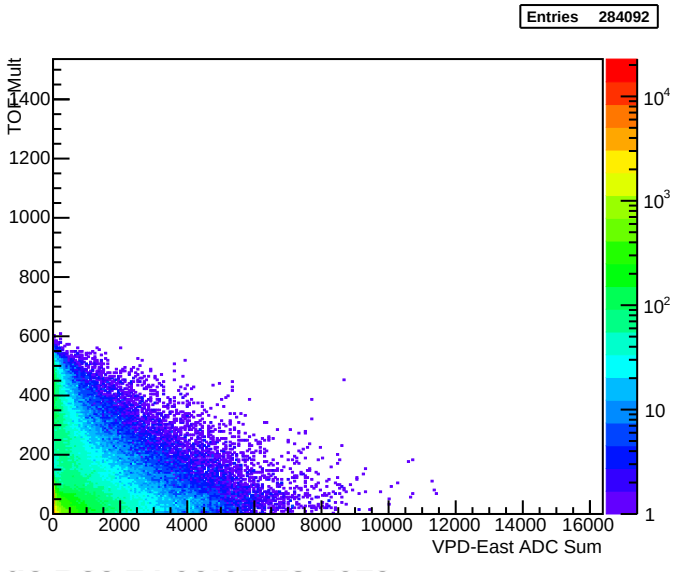

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

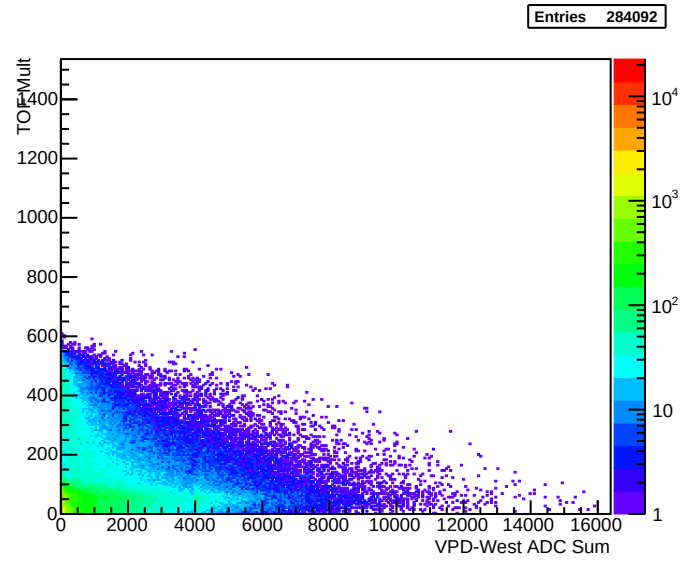

Entries 284092
TOF-Mult
BBC-S-East ADC Sum

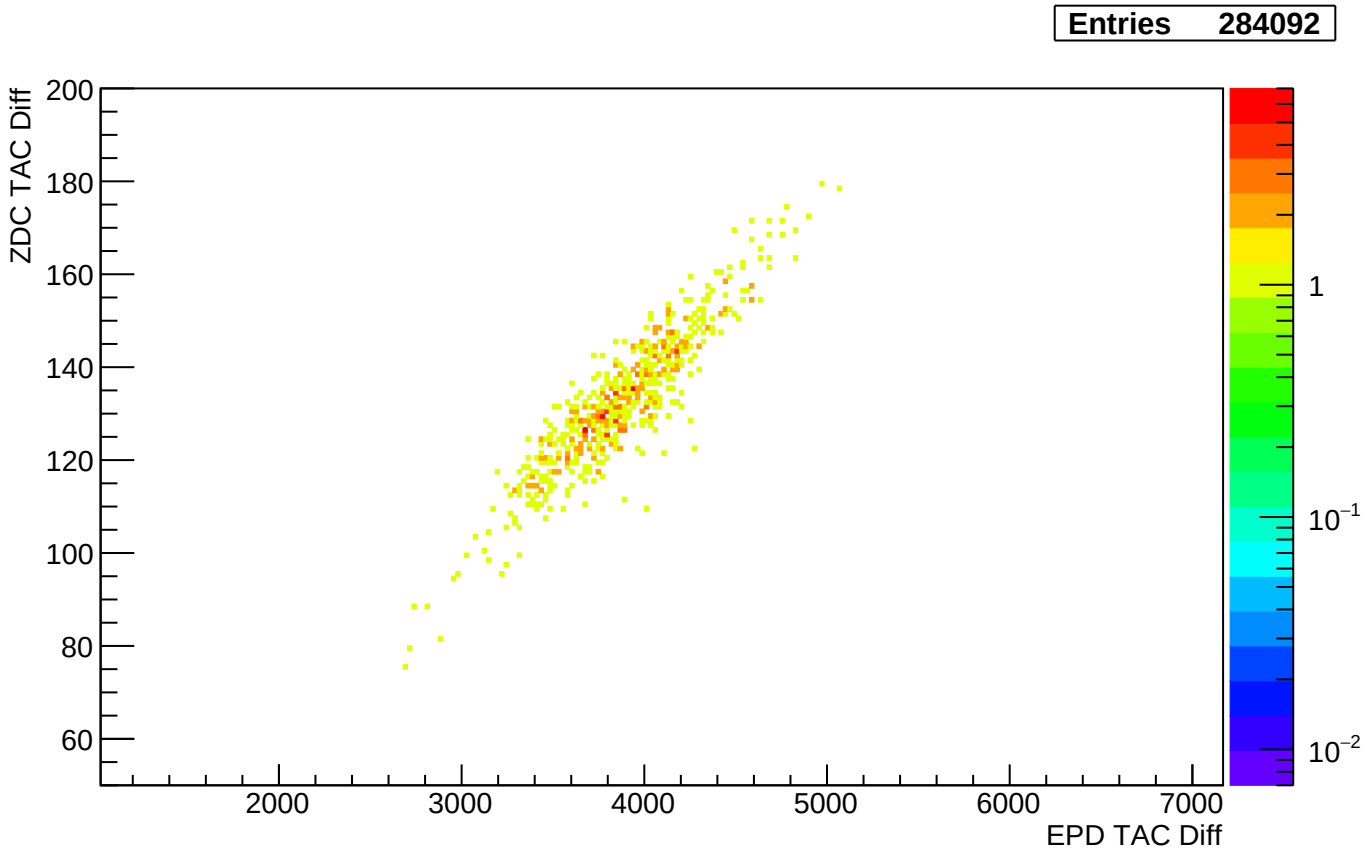

Entries 284092
TOF-Mult
BBC-S-West ADC Sum

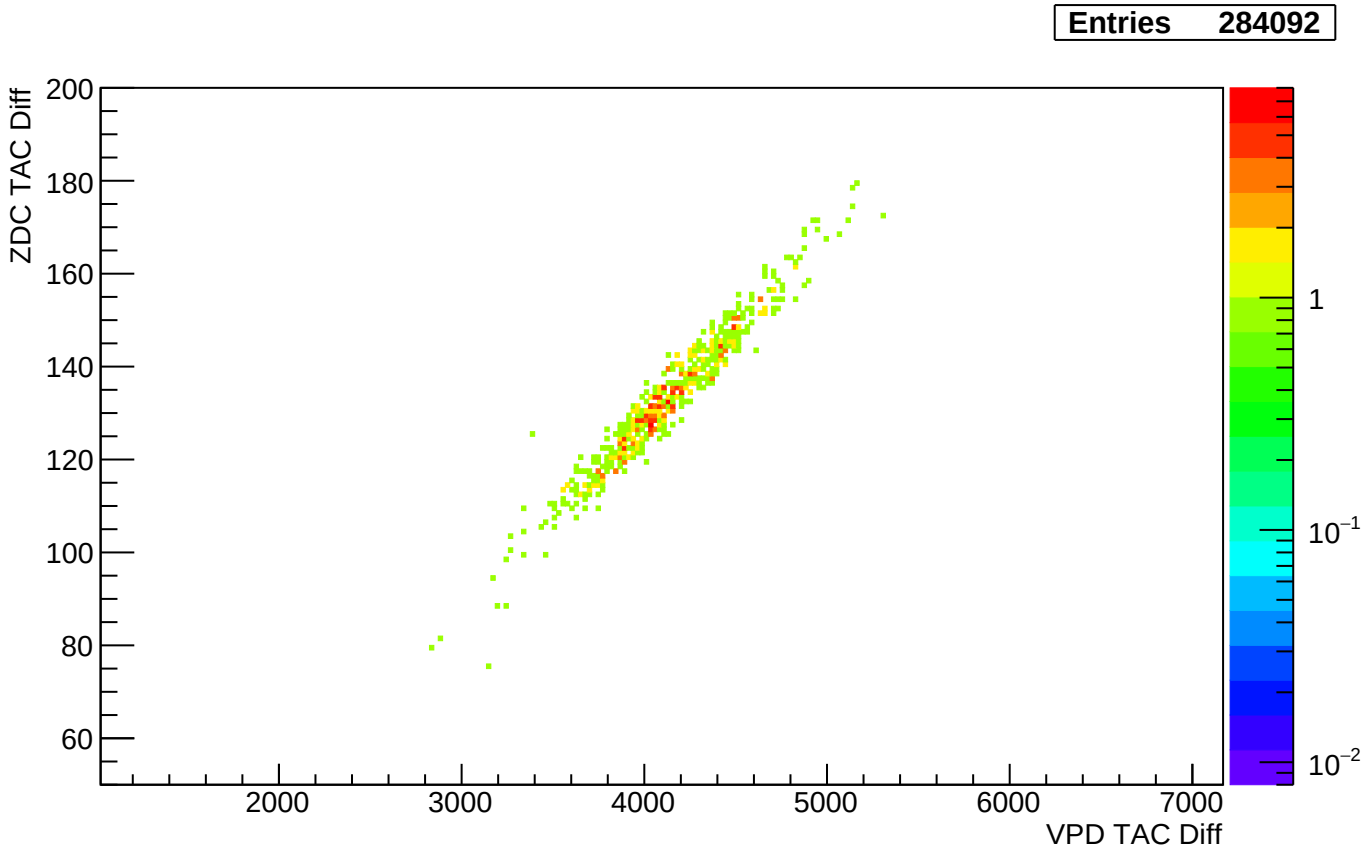

Entries 284092
TOF-Mult
EPD-East Hit Cnt

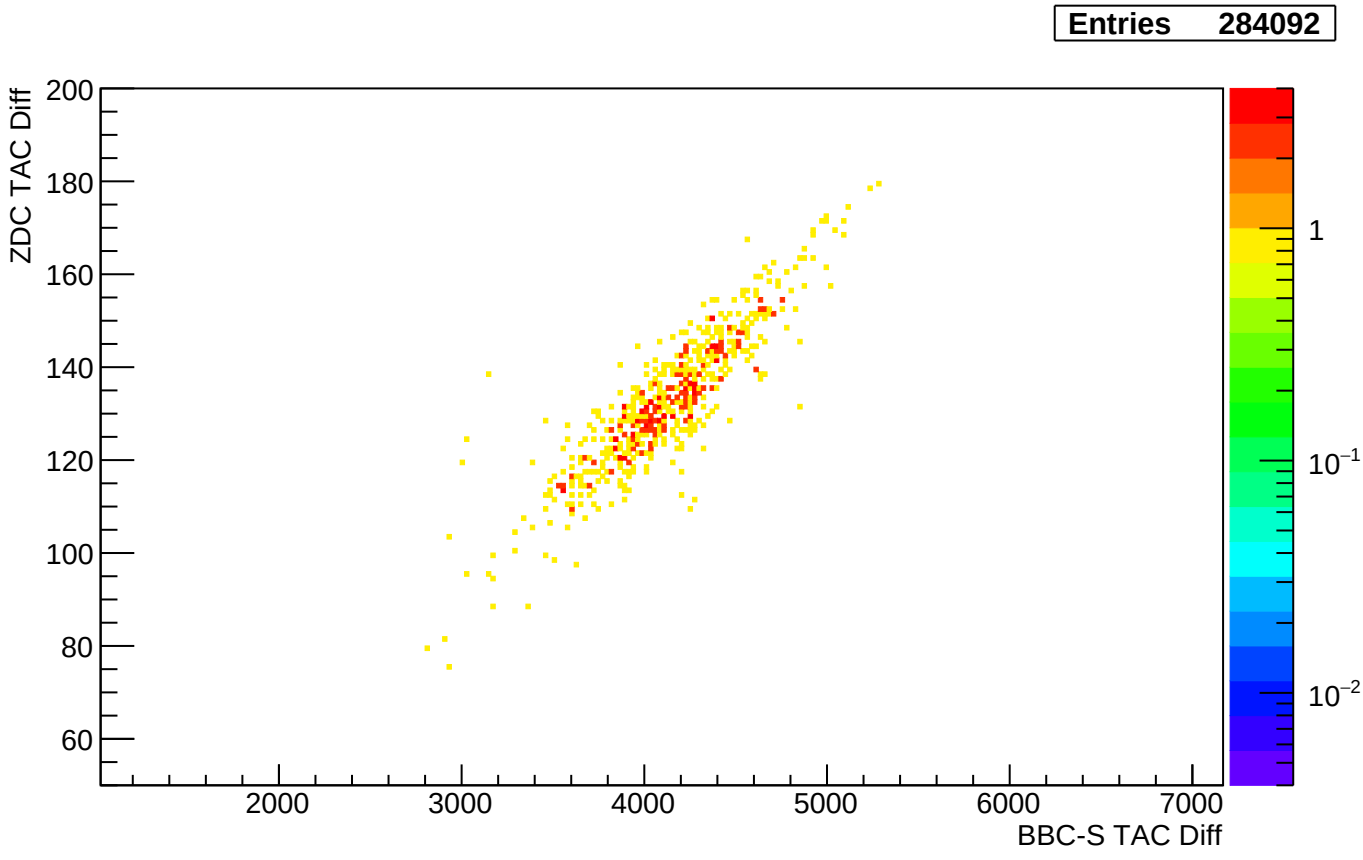

Entries 284092
TOF-Mult
EPD-West Hit Cnt

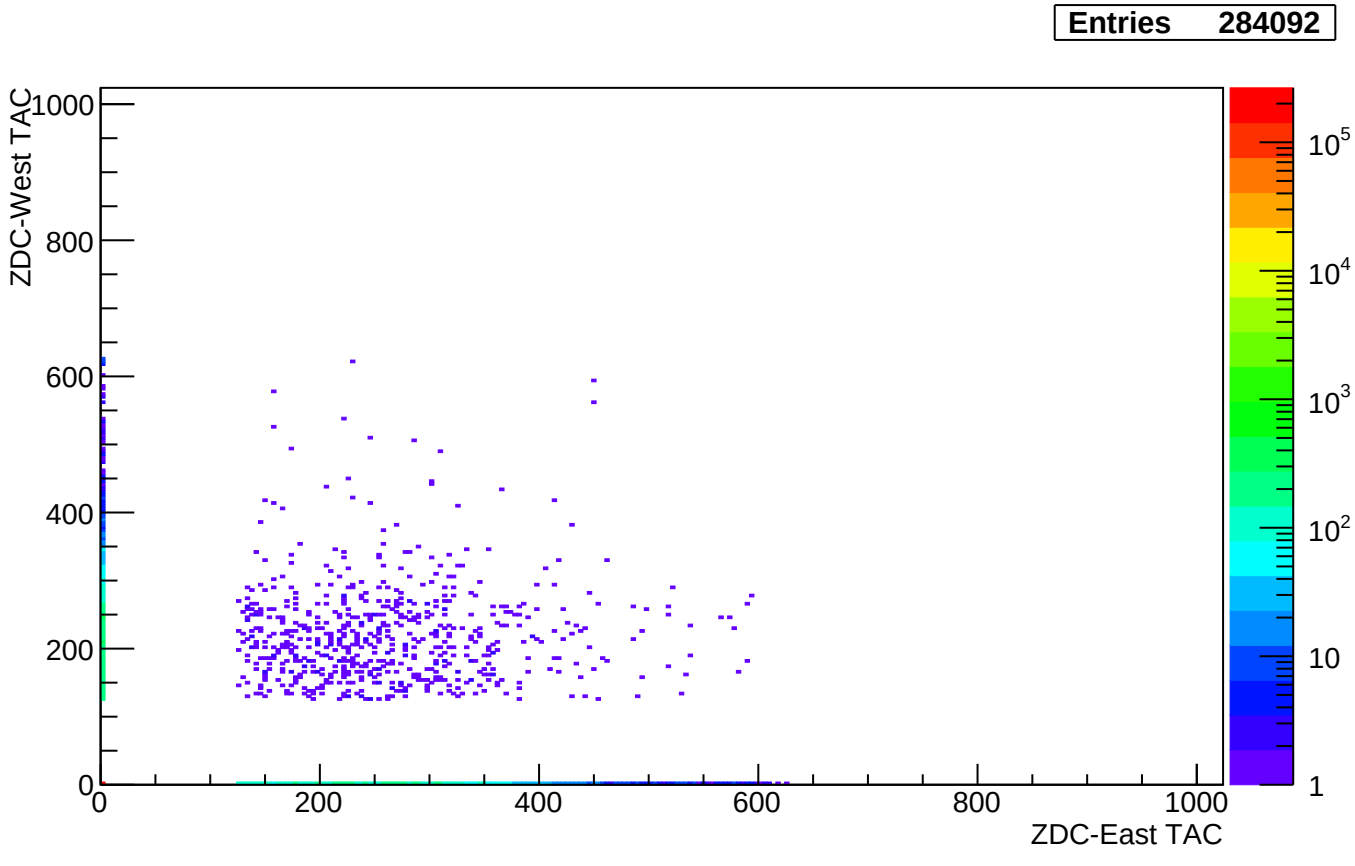

Entries 284092
TOF-Mult
VPD-East ADC Sum

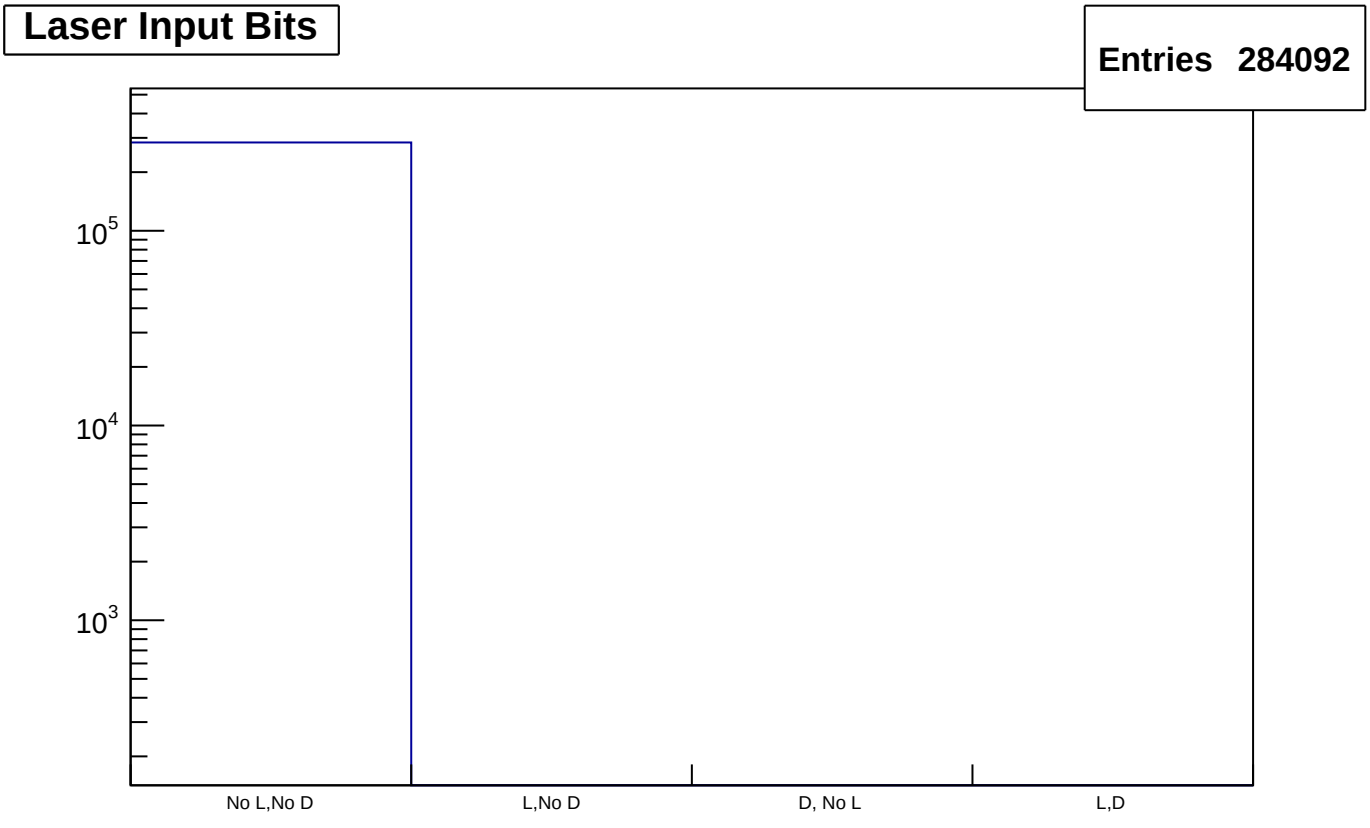

Entries 284092
TOF-Mult
VPD-West ADC Sum

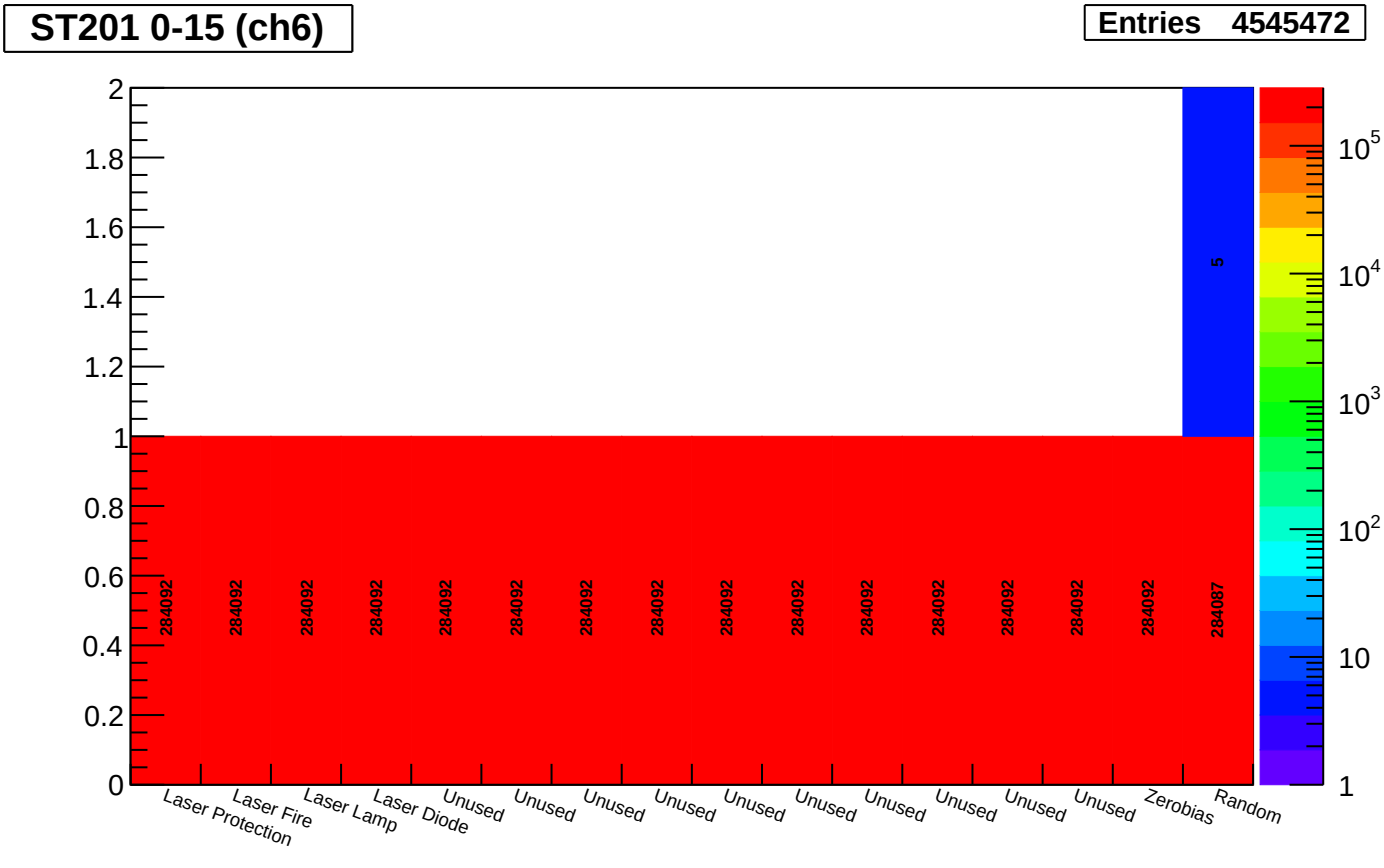

Entries 284092
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

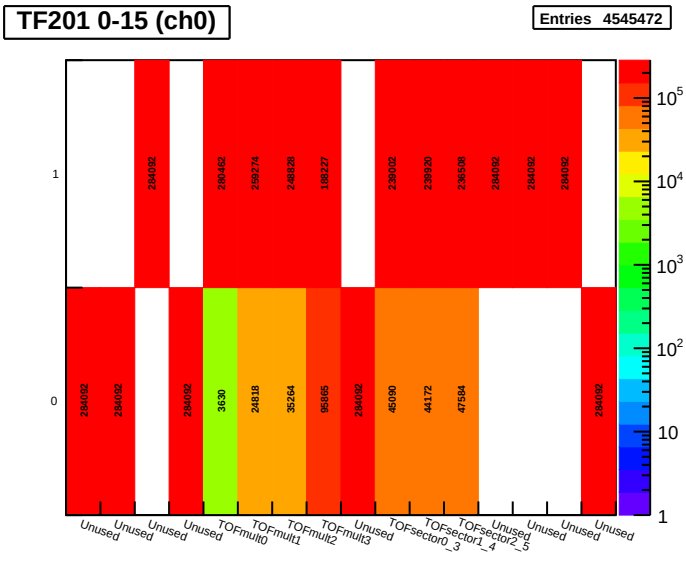

Entries 284092
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

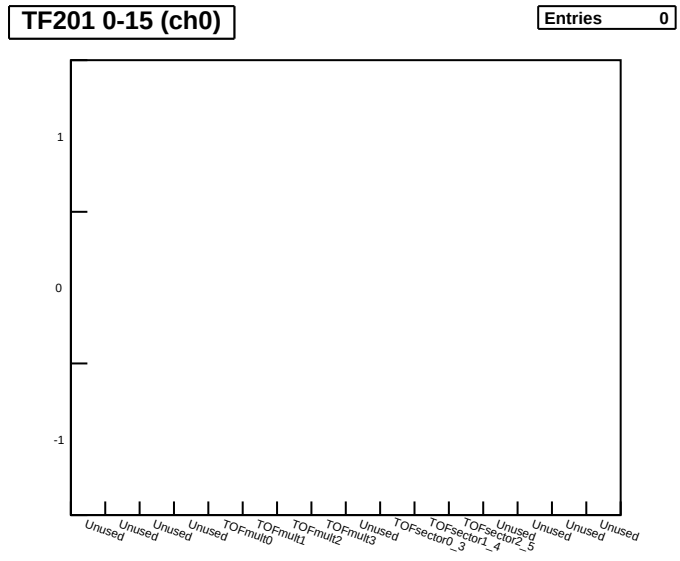

Entries 284092
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

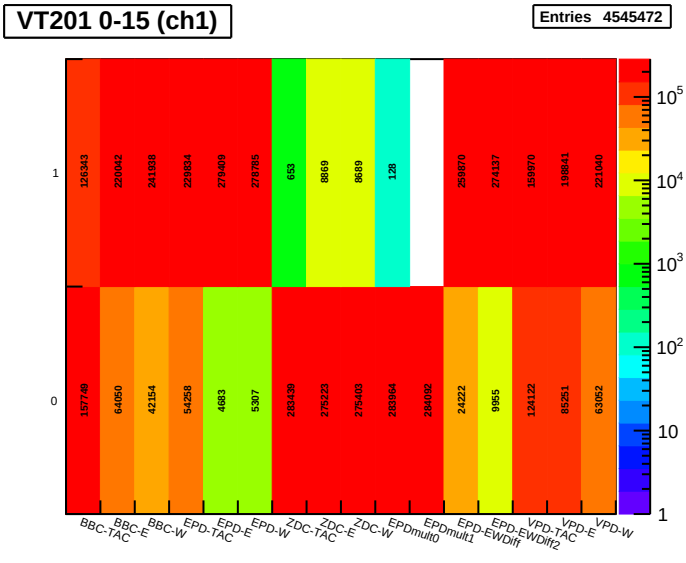

Entries 284092
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

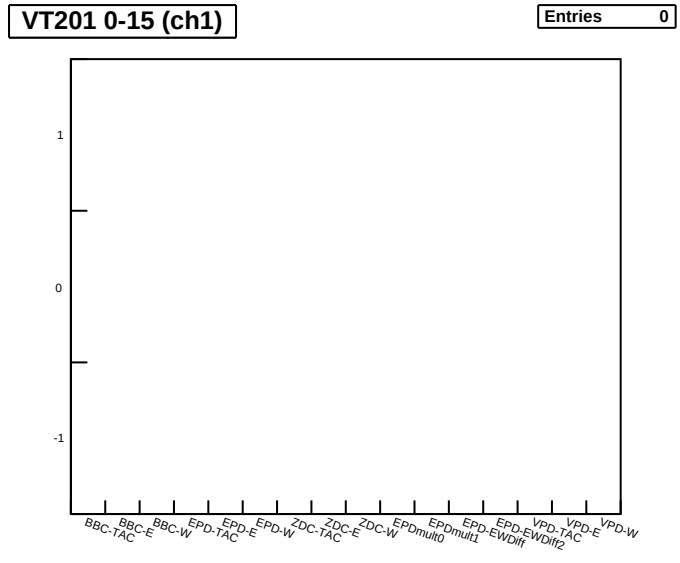

Laser Input Bits
Entries 284092
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

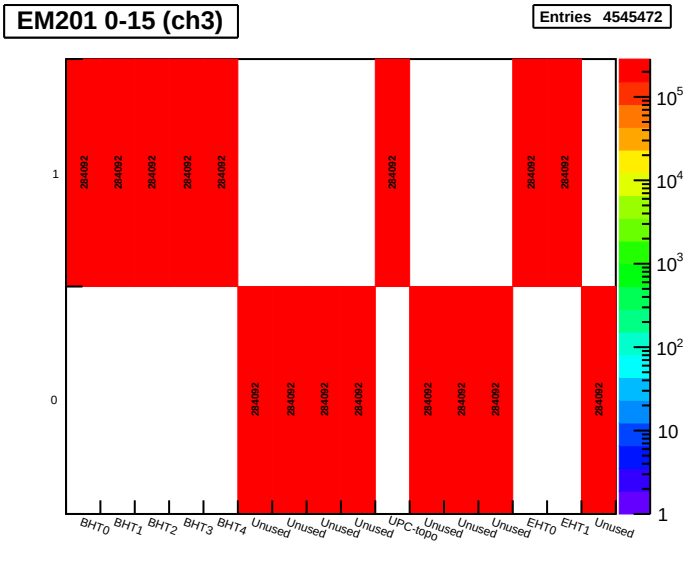

ST201 0-15 (ch6)
Entries 4545472
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
284092
284092
284092
284092
284092
284092
284092
284092
284092
284092
284092
284092
284092
284092
284087
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

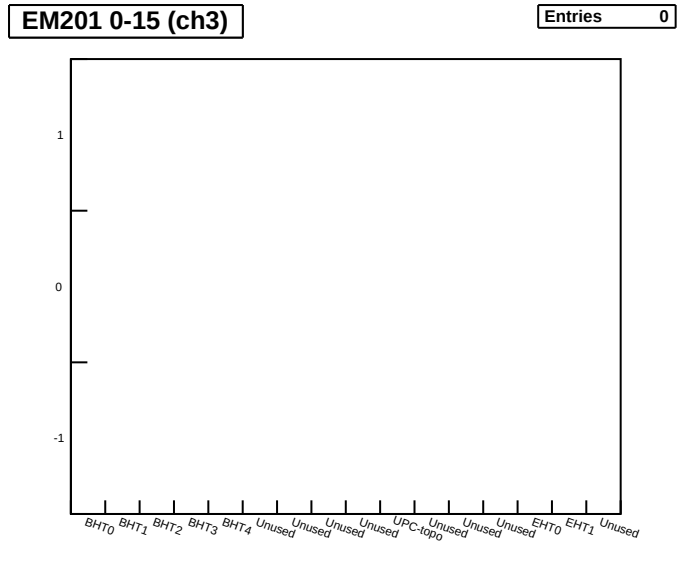

TF201 0-15 (ch0)
Entries 4545472
1
0
284092 284092 284092 284092 280462 259274 248828 188227 239002 239920 236508 284092 284092 284092
284092 284092 284092 3630 24818 35264 95865 284092 45090 44172 47584 284092
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4545472
1
0
126343 220042 241938 229834 279409 278785 653 8869 8689 128 259870 274137 159970 198841 221040
157749 64050 42154 54258 4683 5307 283439 275223 275403 283964 284092 24222 9955 124122 85251 63052
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 4545472
1
0
284092 284092 284092 284092 284092 284092 284092
284092 284092 284092 284092 284092 284092 284092 284092
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