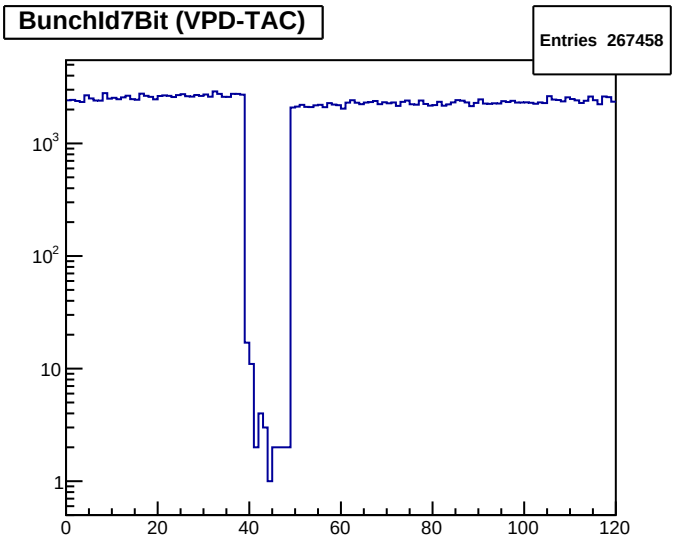
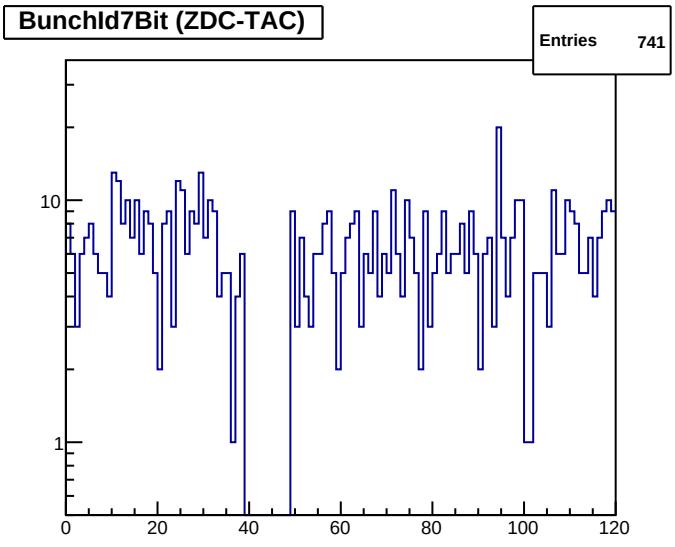
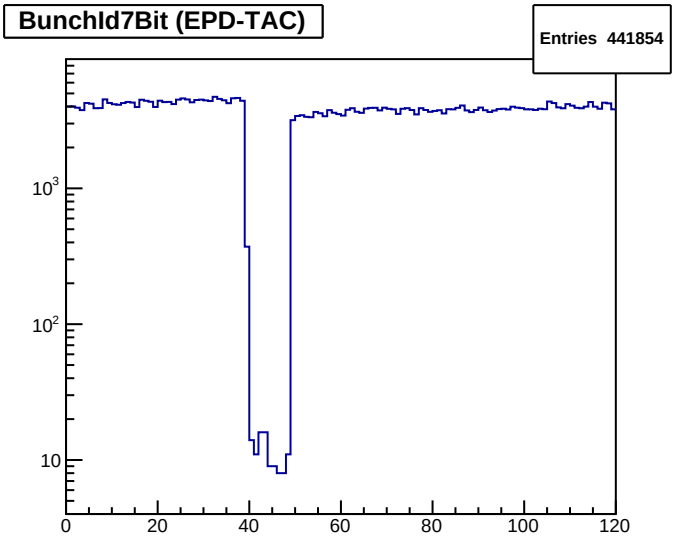
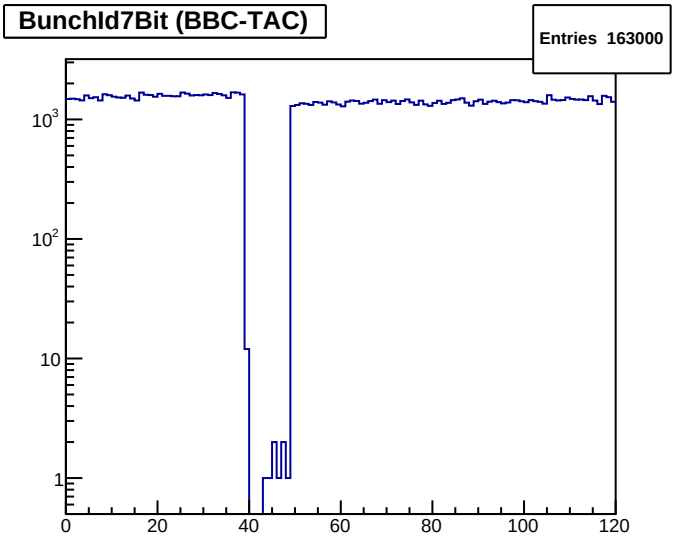
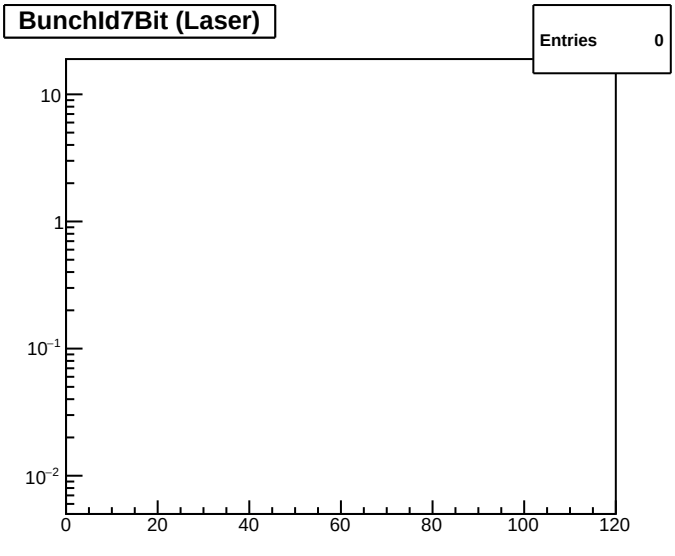
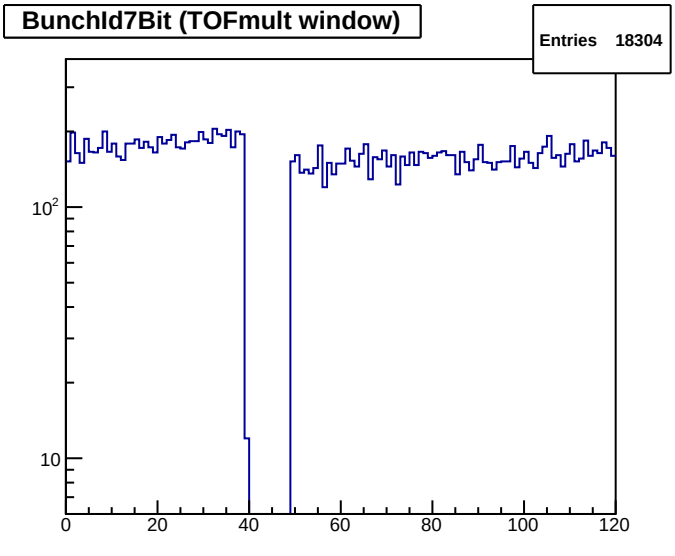

BunchId7Bit (VPD-TAC)
Entries 267458

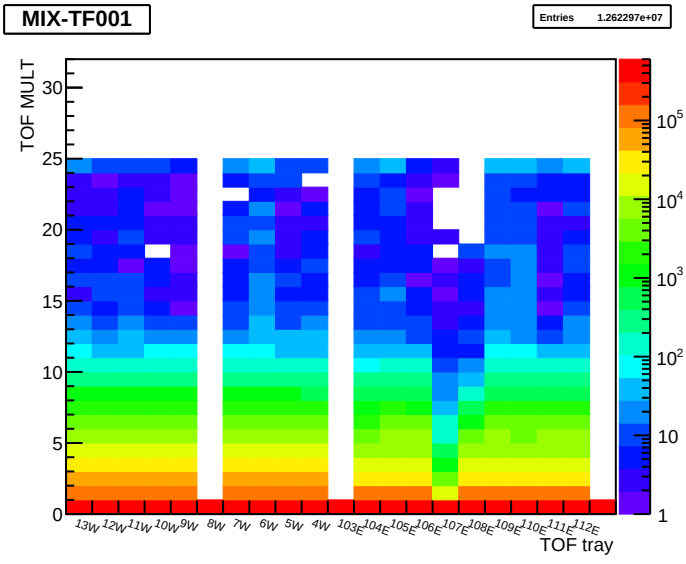

BunchId7Bit (ZDC-TAC)
Entries 741

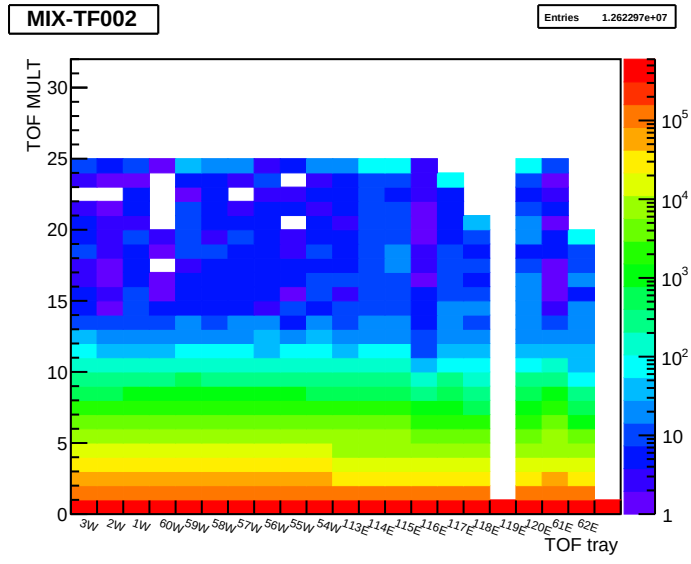

BunchId7Bit (EPD-TAC)
Entries 441854

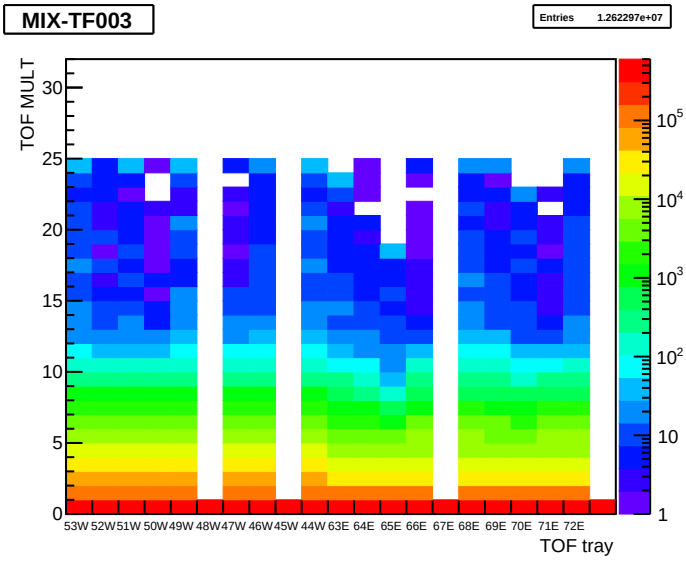

BunchId7Bit (BBC-TAC)
Entries 163000

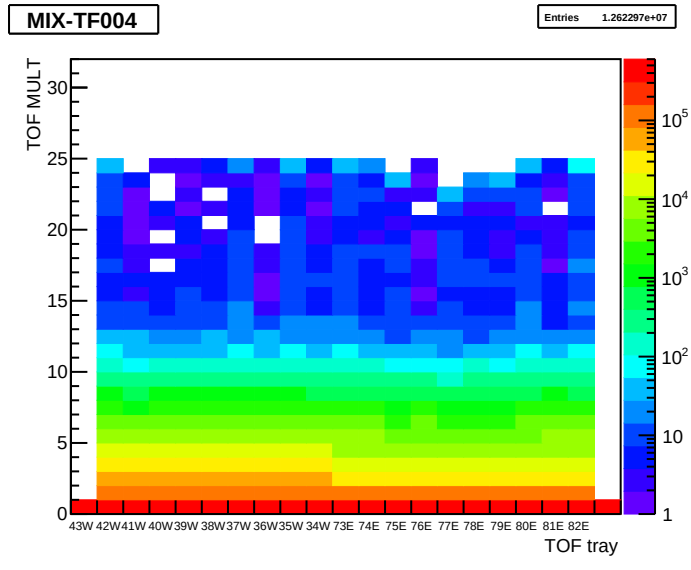

BunchId7Bit (Laser)
Entries 0

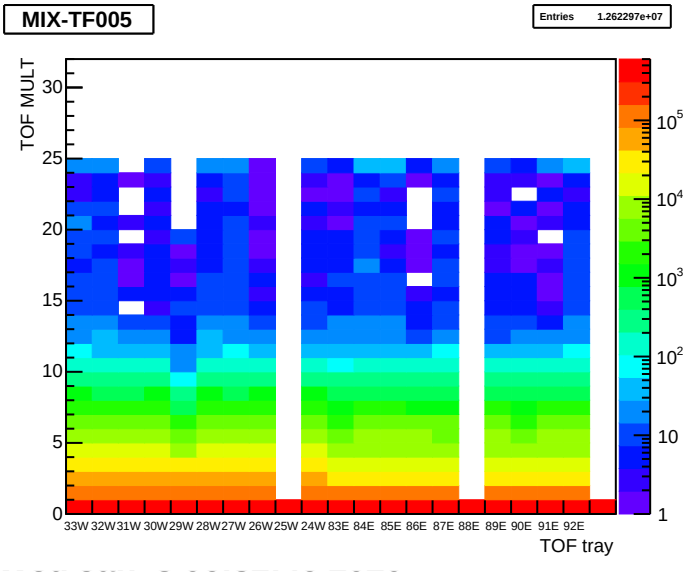

BunchId7Bit (TOFmult window)
Entries 18304

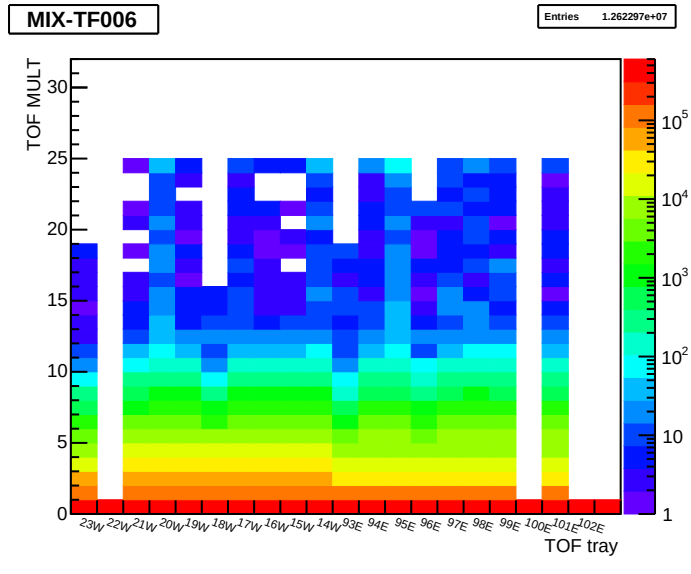

MIX-TF001
Entries 1.262297e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

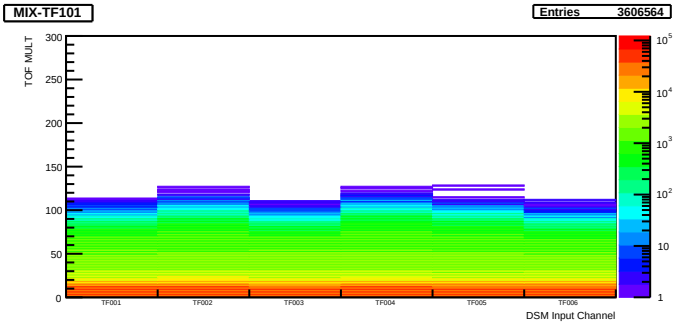

MIX-TF002
Entries 1.262297e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

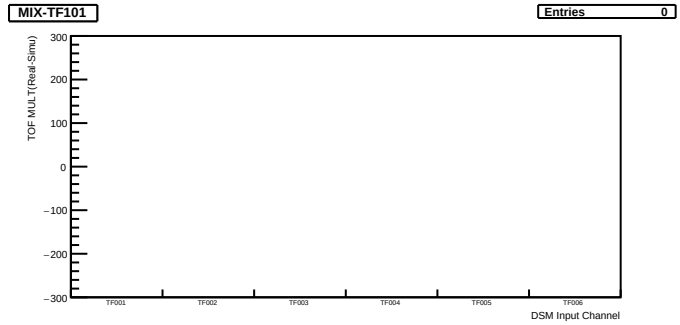

MIX-TF003
Entries 1.262297e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

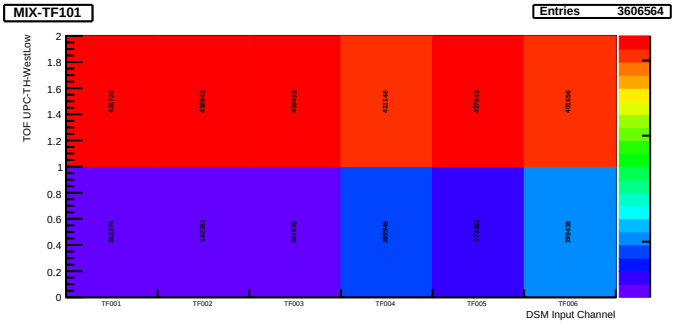

MIX-TF004
Entries 1.262297e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

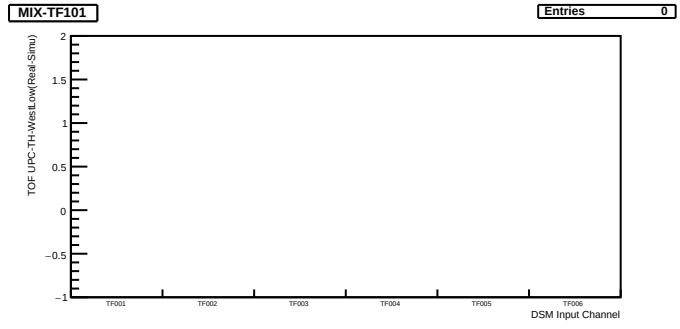

MIX-TF005
Entries 1.262297e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

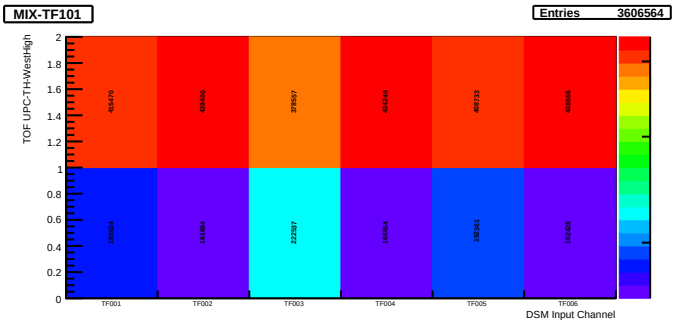

MIX-TF006
Entries 1.262297e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

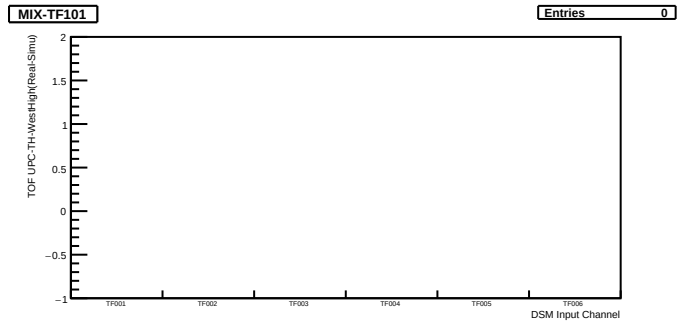

MIX-TF101
Entries 3606564
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

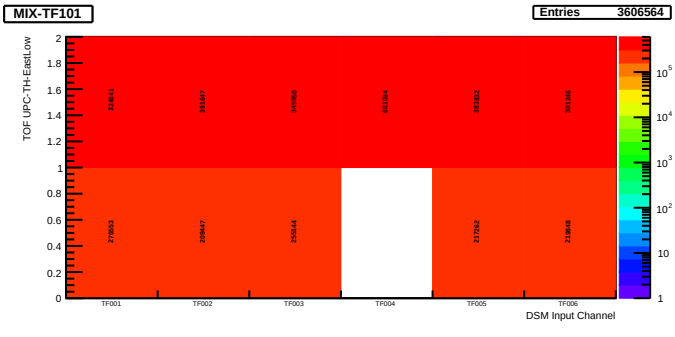

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

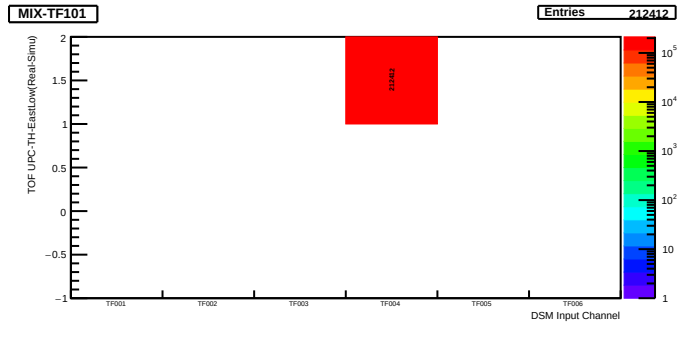

MIX-TF101
Entries 3606564
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

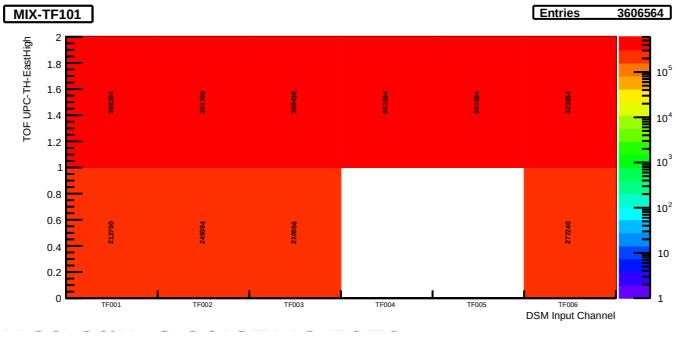

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

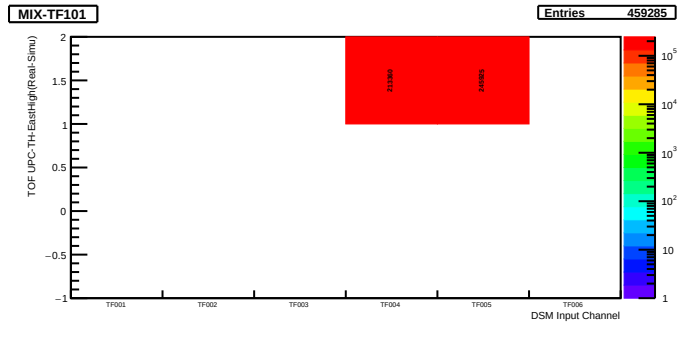

MIX-TF101
Entries 3606564
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

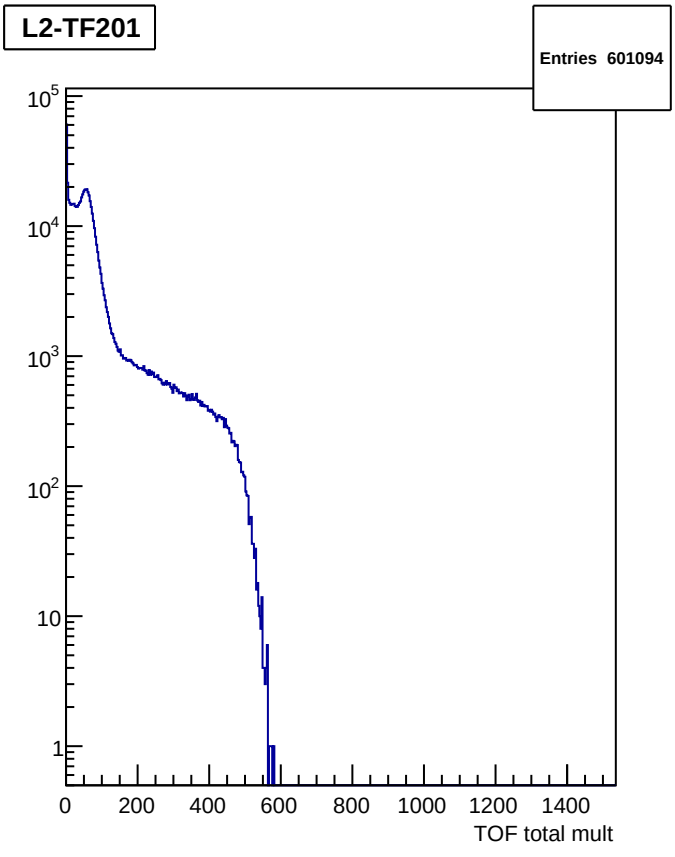

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

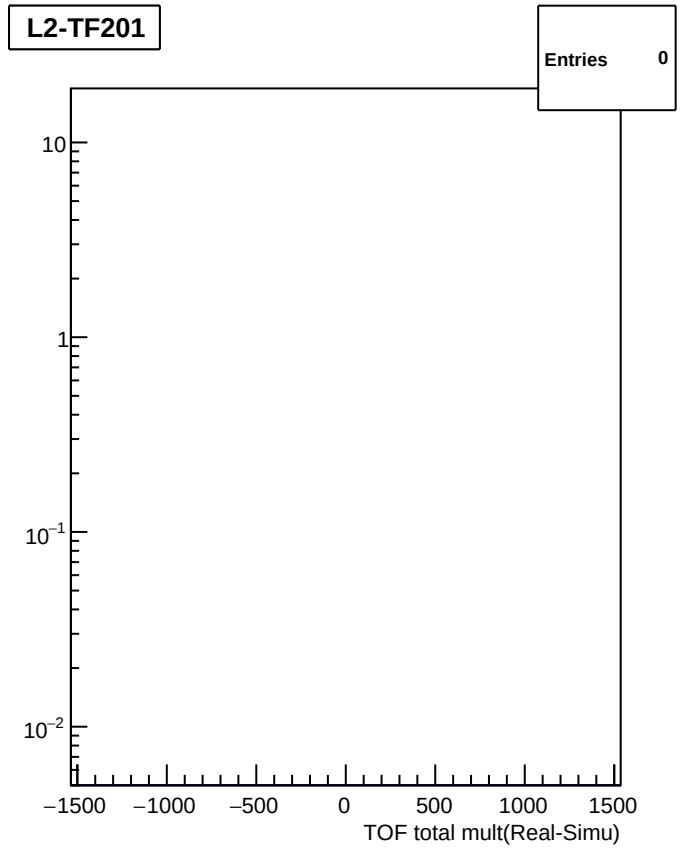

MIX-TF101
Entries 3606564
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

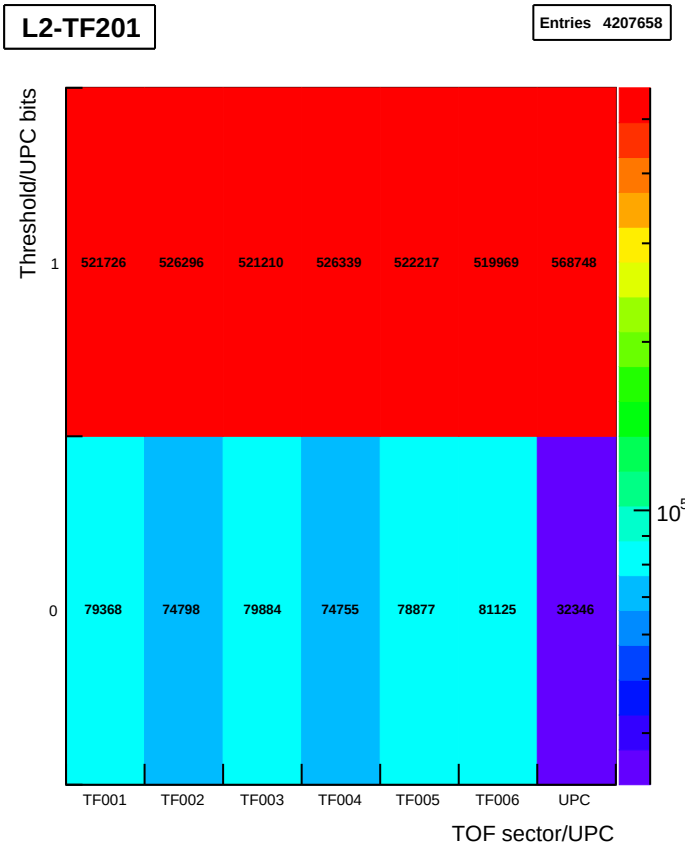

MIX-TF101
Entries 212412
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

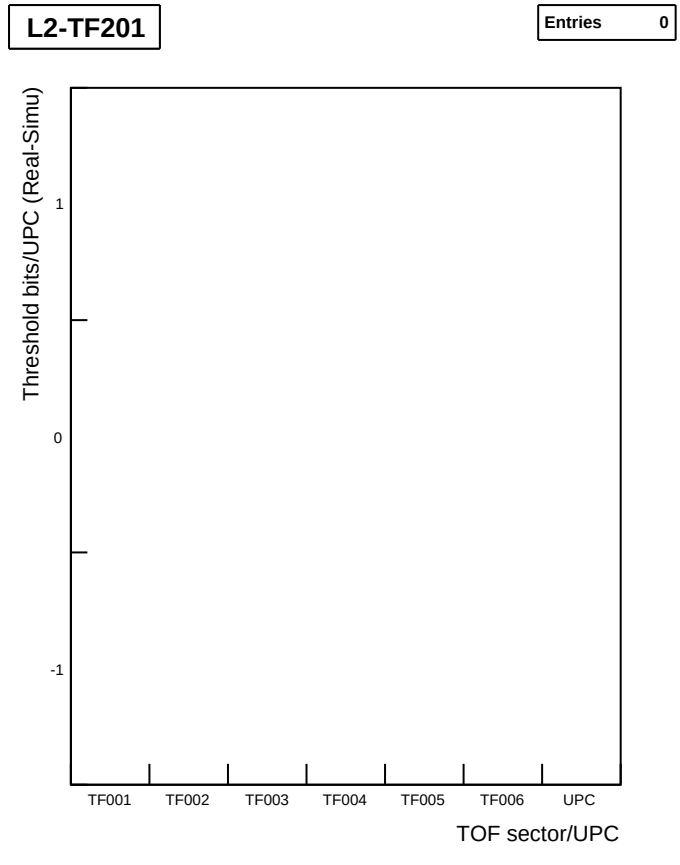

MIX-TF101
Entries 3606564
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

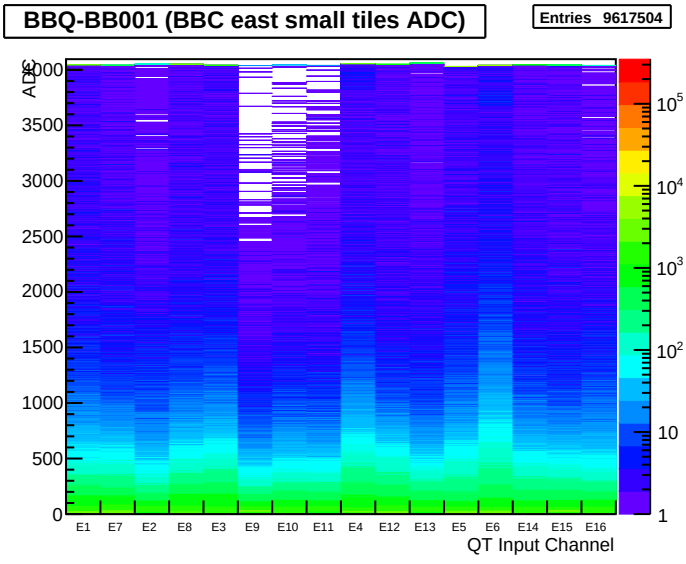

MIX-TF101
Entries 459285
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

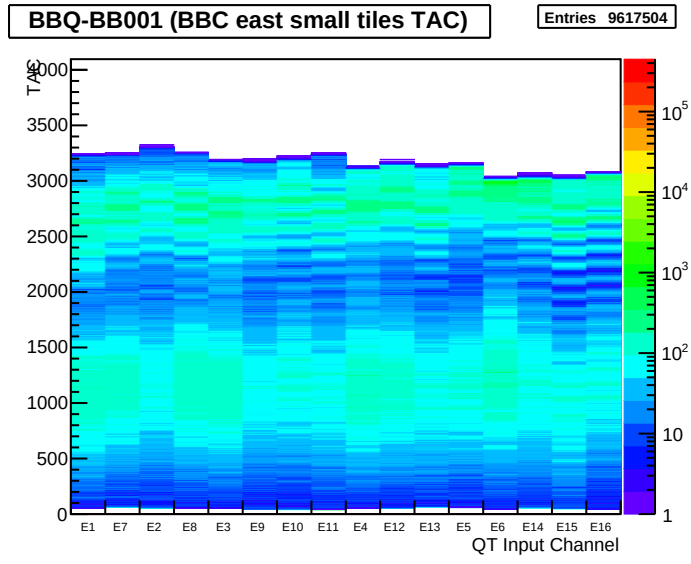

L2-TF201
Entries 601094
TOF total mult

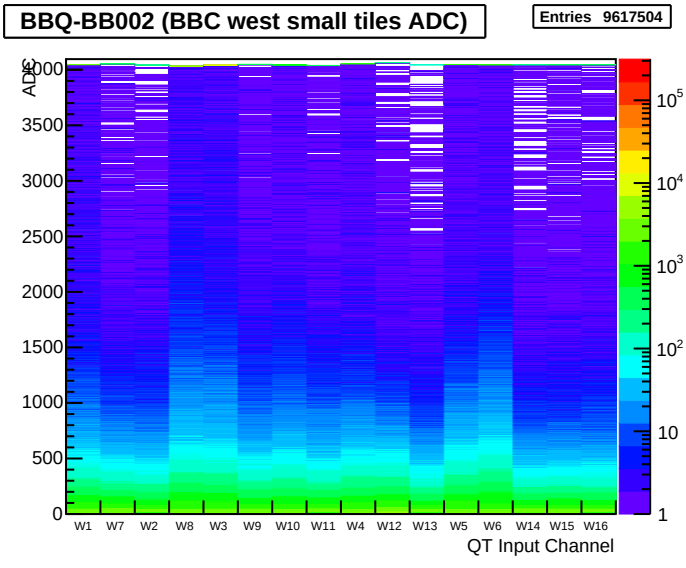

L2-TF201
Entries 0
TOF total mult(Real-Simu)

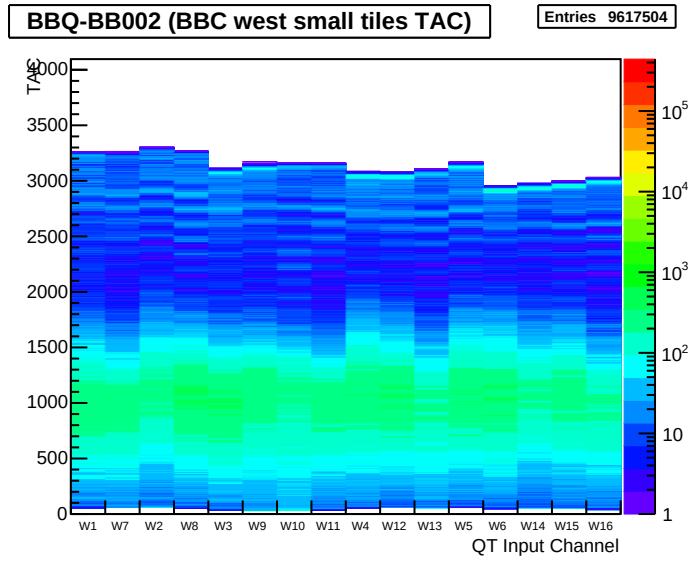

L2-TF201
Entries 4207658
Threshold/UPC bits
521726
526296
521210
526339
522217
519969
568748
79368
74798
79884
74755
78877
81125
32346
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

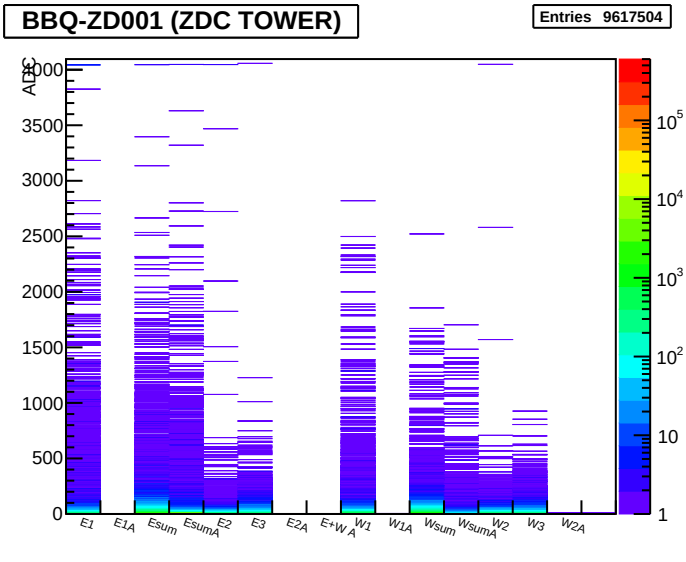

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

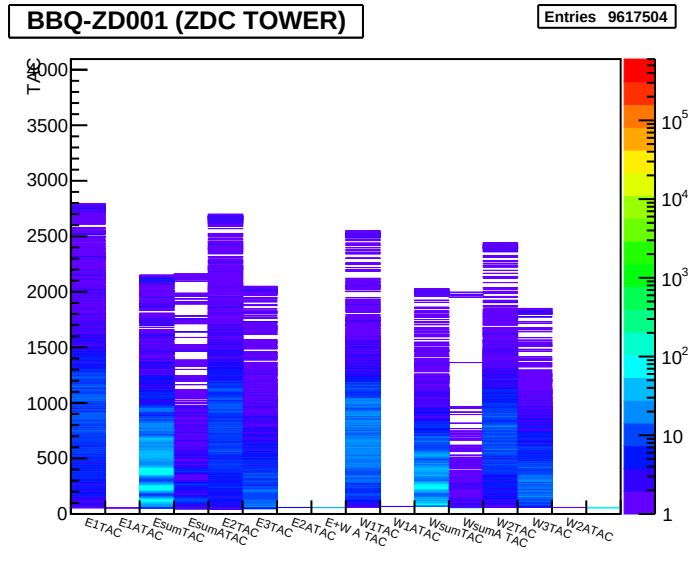

BBQ-BB001 (BBC east small tiles ADC)
Entries 9617504
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

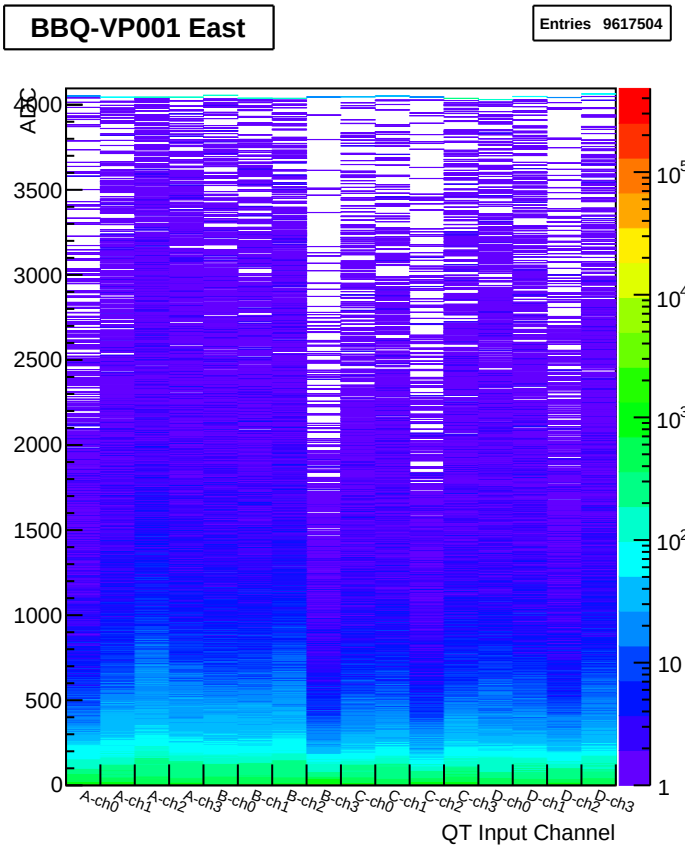

BBQ-BB001 (BBC east small tiles TAC)
Entries 9617504
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

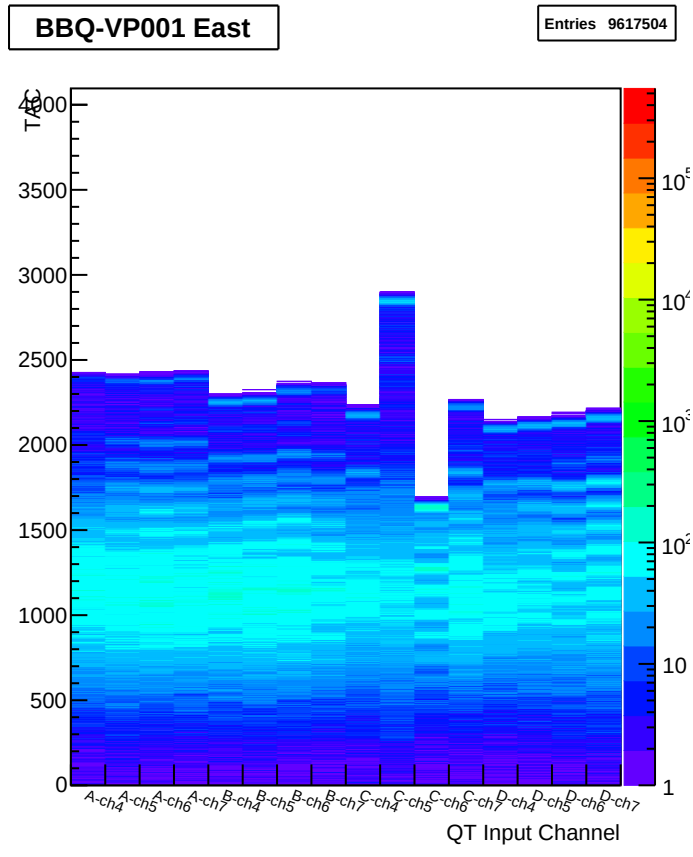

BBQ-BB002 (BBC west small tiles ADC)
Entries 9617504
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

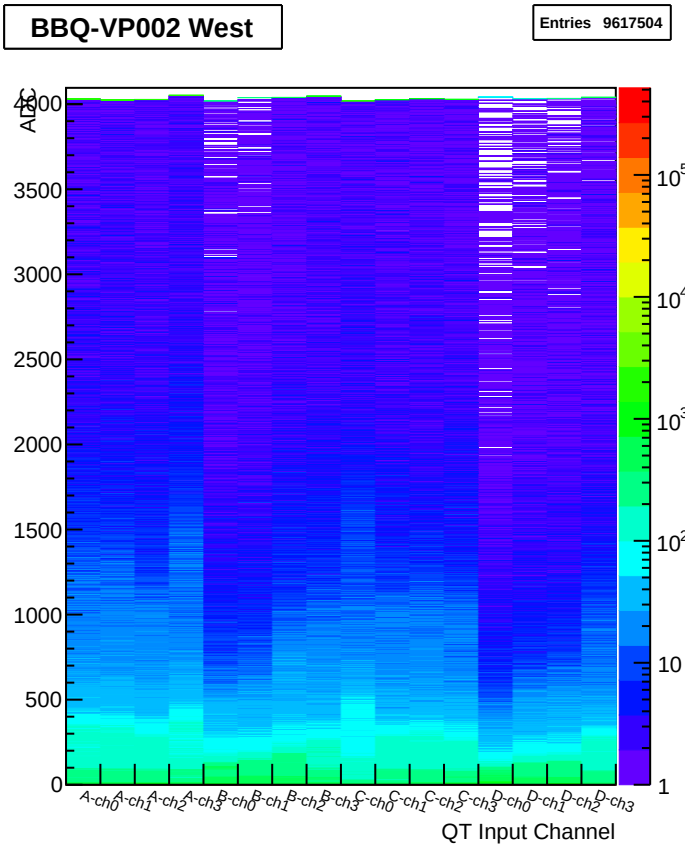

BBQ-BB002 (BBC west small tiles TAC)
Entries 9617504
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

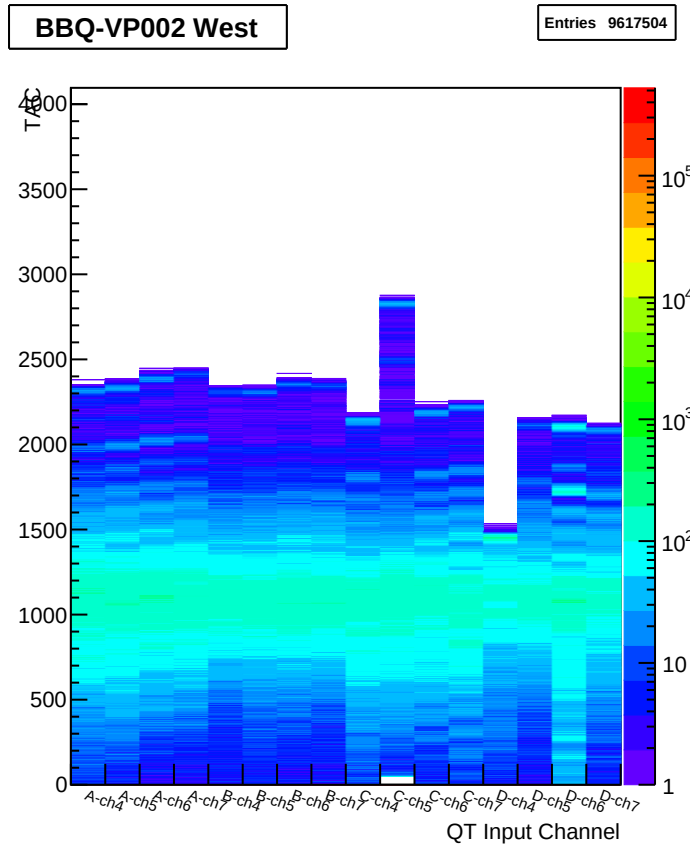

BBQ-ZD001 (ZDC TOWER)
Entries 9617504
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

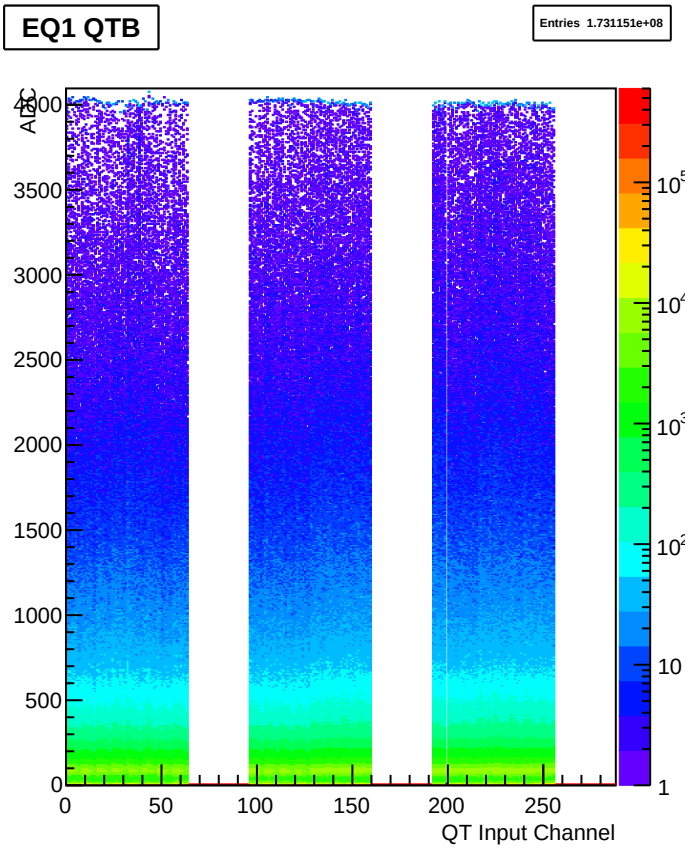

BBQ-ZD001 (ZDC TOWER)
Entries 9617504
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

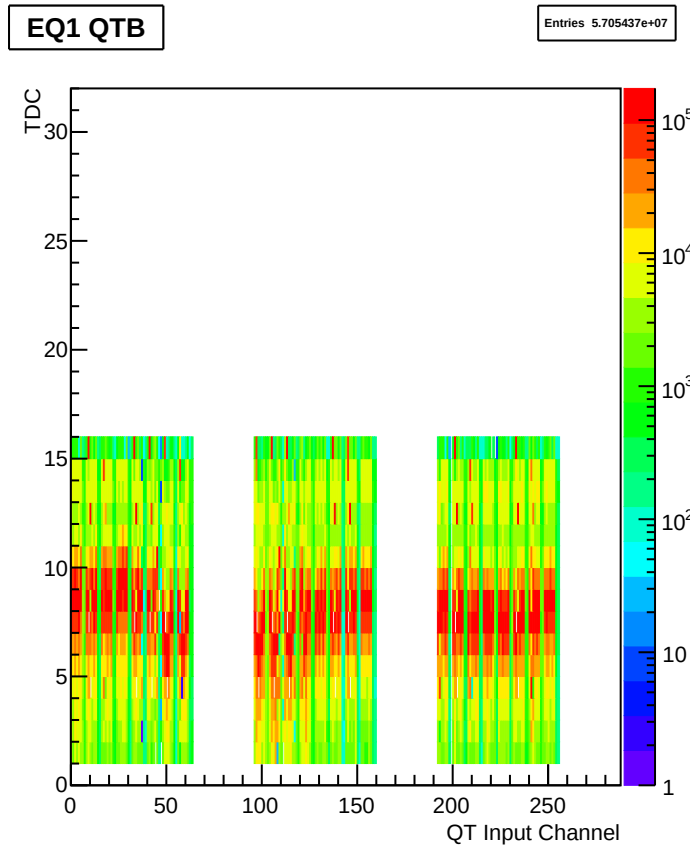

BBQ-VP001 East
Entries 9617504
ADC
QT Input Channel

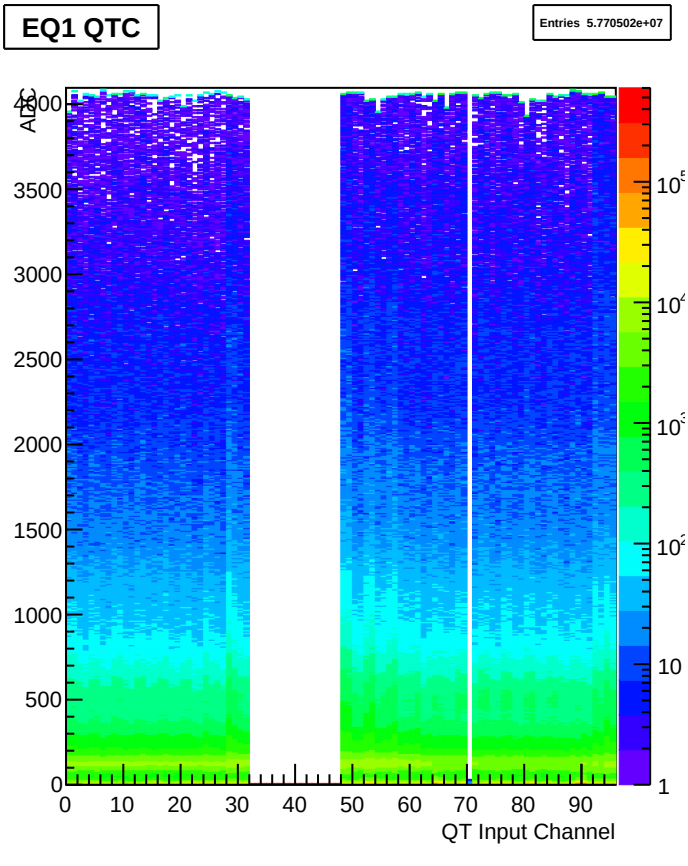

BBQ-VP001 East
Entries 9617504
ADC
QT Input Channel

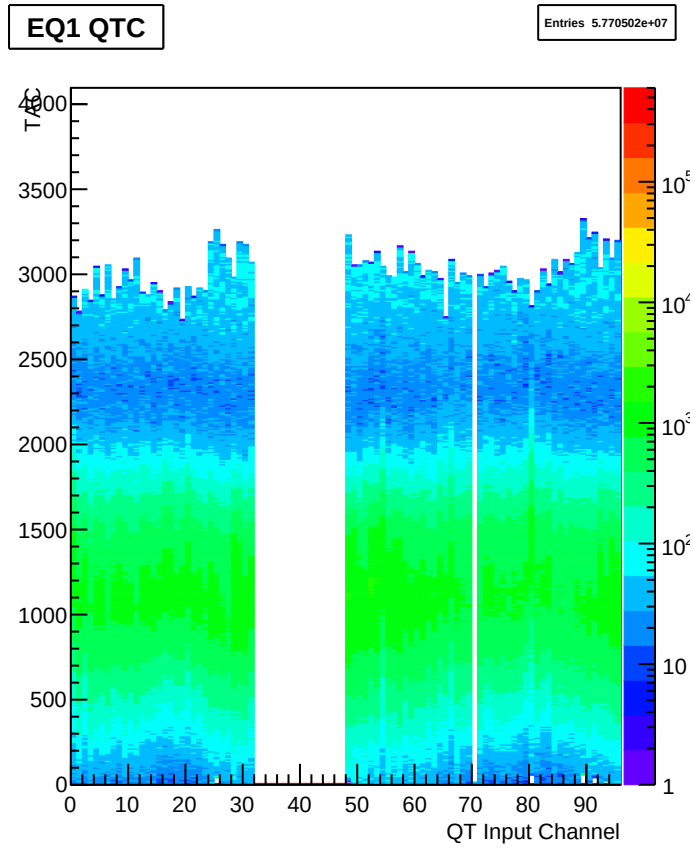

BBQ-VP002 West
Entries 9617504
ADC
QT Input Channel

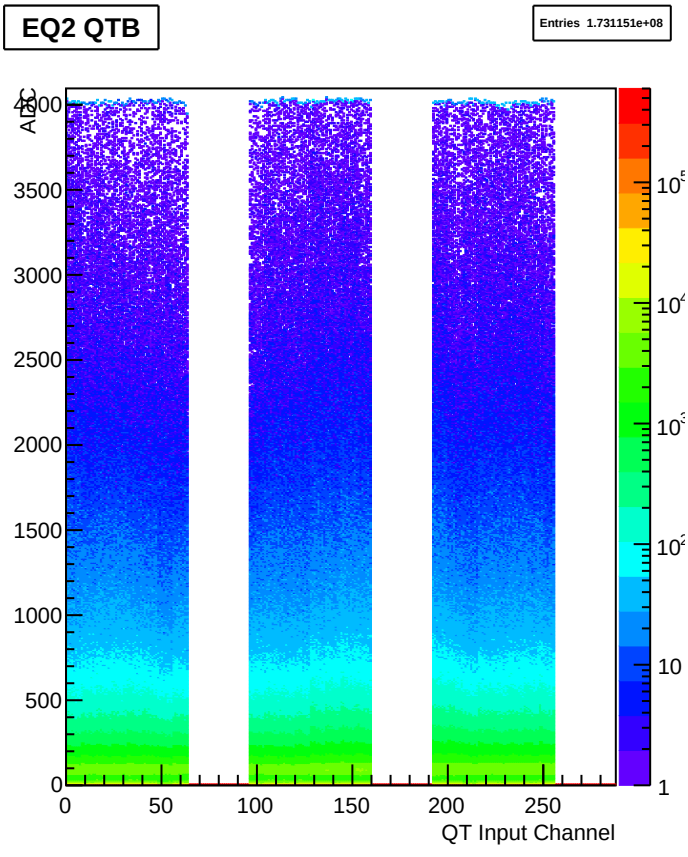

BBQ-VP002 West
Entries 9617504
ADC
QT Input Channel

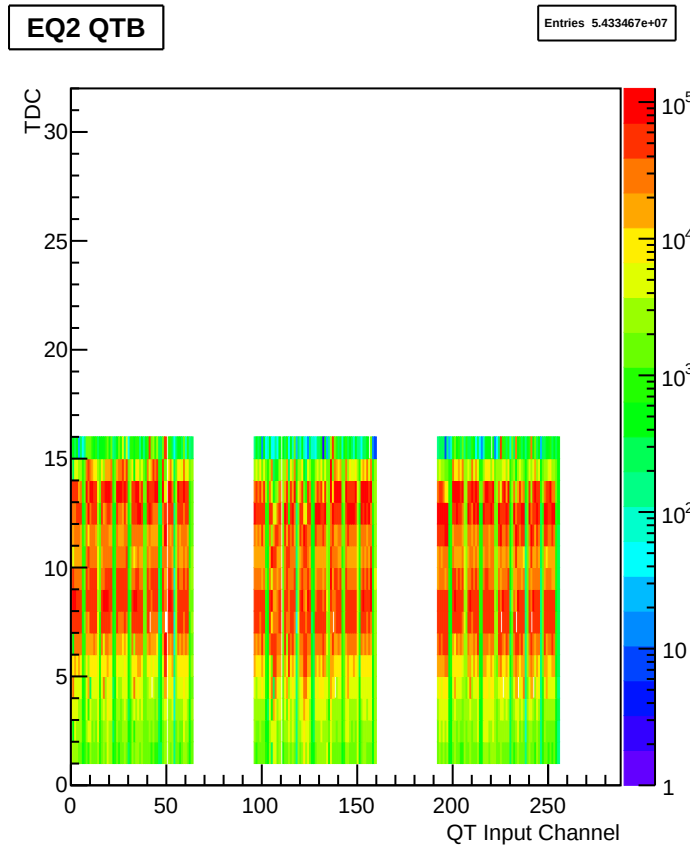

EQ1 QTB
Entries 1.731151e+08
ADC
QT Input Channel

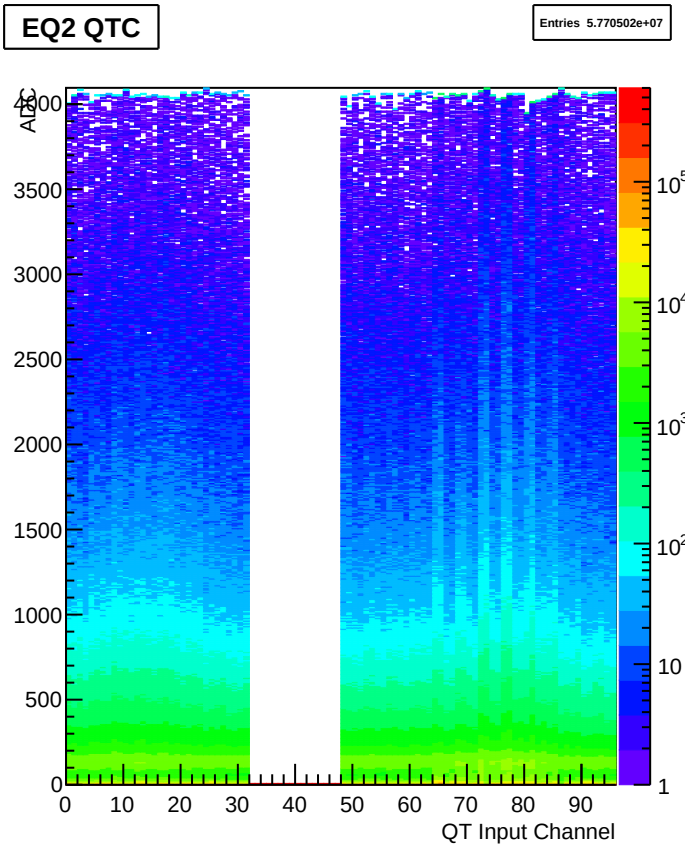

EQ1 QTB
Entries 5.705437e+07
TDC
QT Input Channel

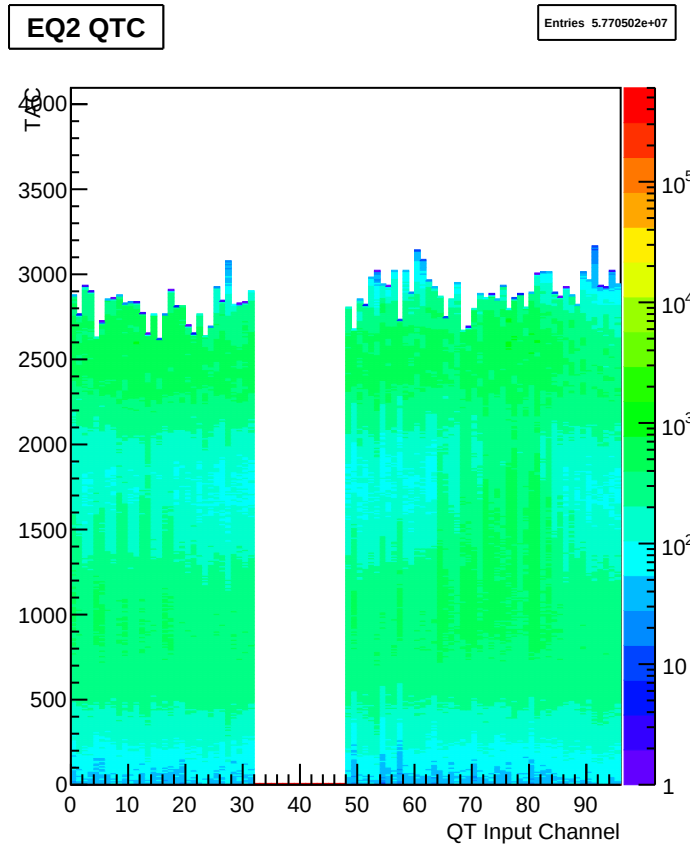

EQ1 QTC
Entries 5.770502e+07
ADC
QT Input Channel

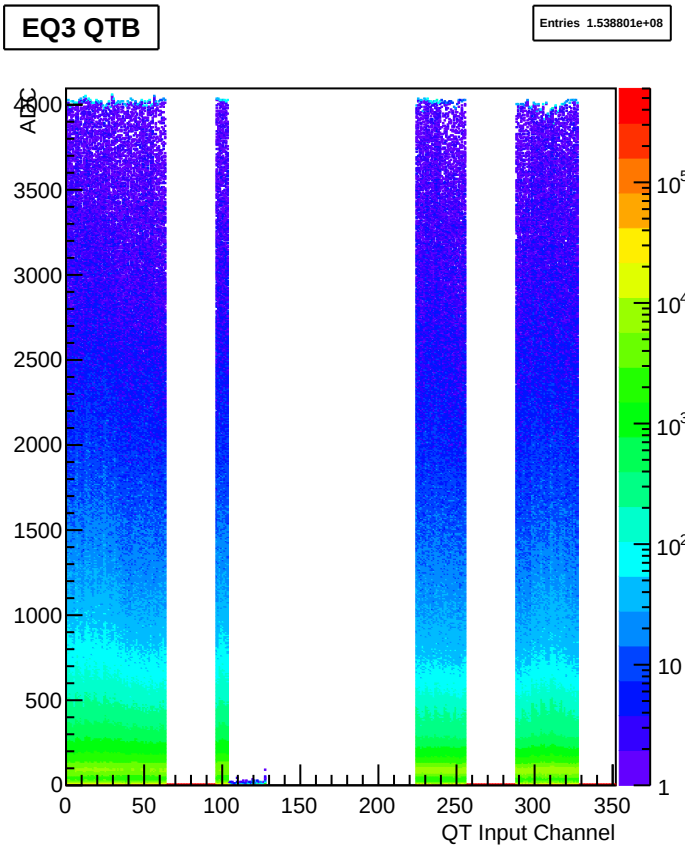

EQ1 QTC
Entries 5.770502e+07
TADC
QT Input Channel

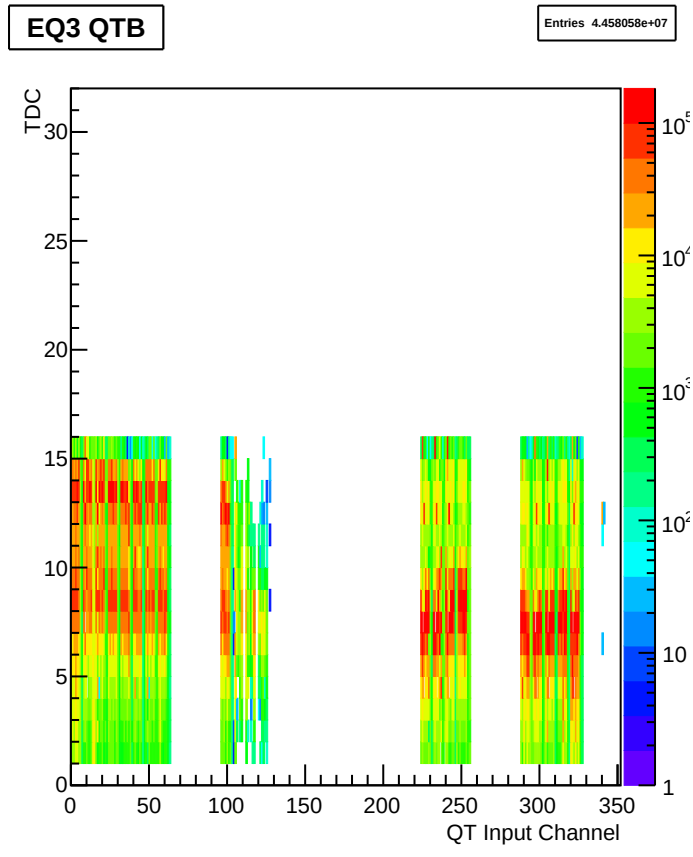

EQ2 QTB
Entries 1.731151e+08
ADC
QT Input Channel

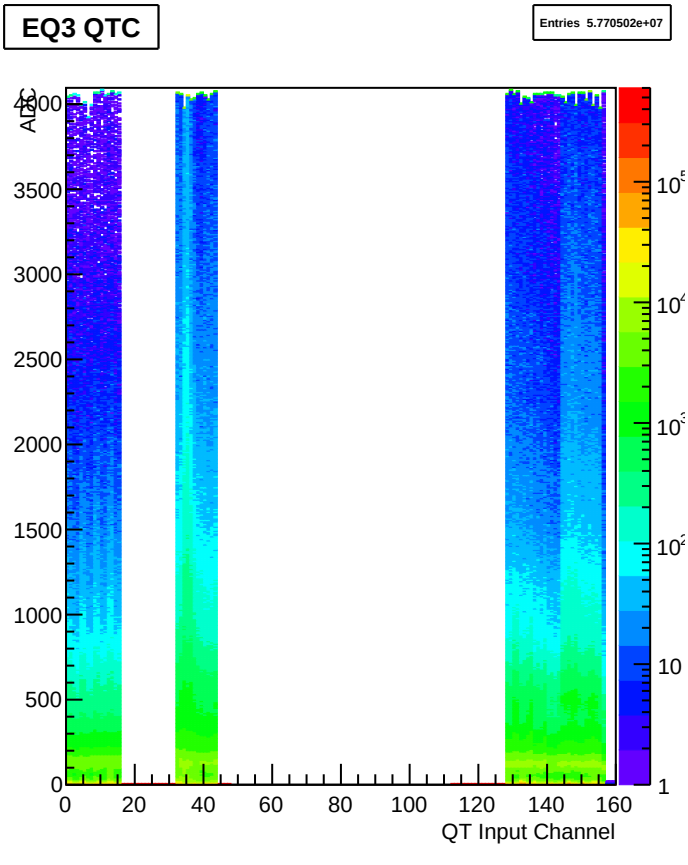

EQ2 QTB
Entries 5.433467e+07
TDC
QT Input Channel

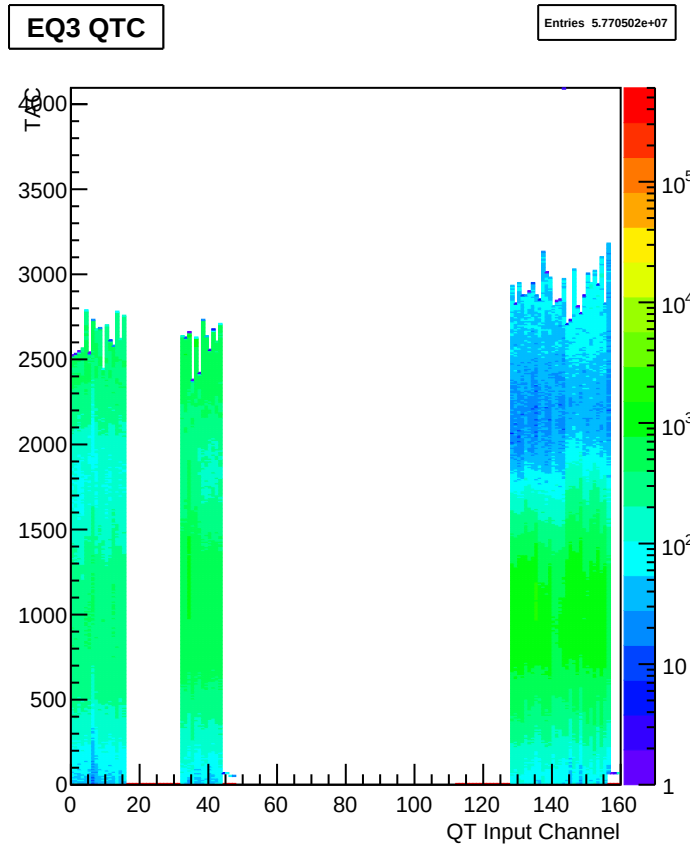

EQ2 QTC
Entries 5.770502e+07
ADC
QT Input Channel

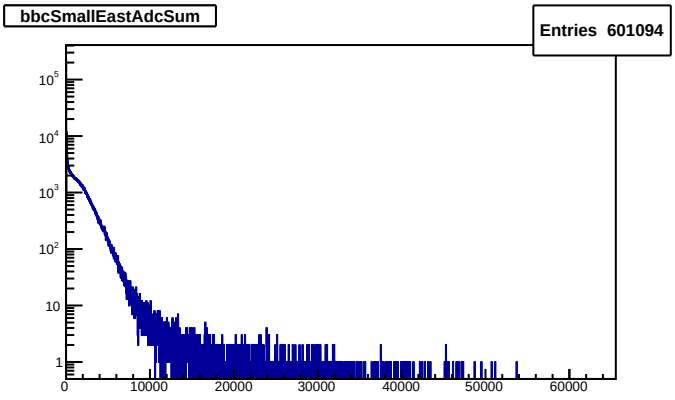

EQ2 QTC
Entries 5.770502e+07
TADC
QT Input Channel

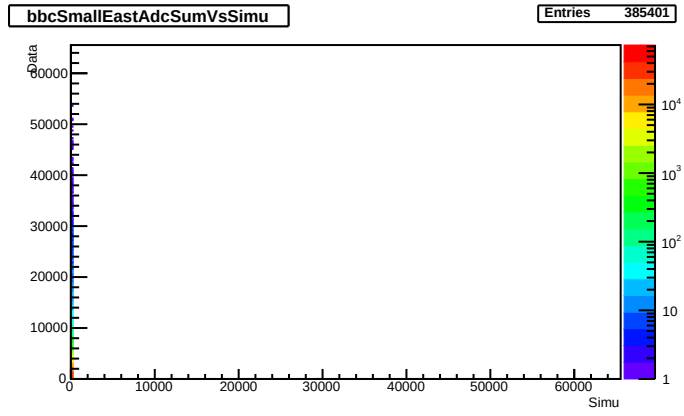

EQ3 QTB
Entries 1.538801e+08
ADC
QT Input Channel

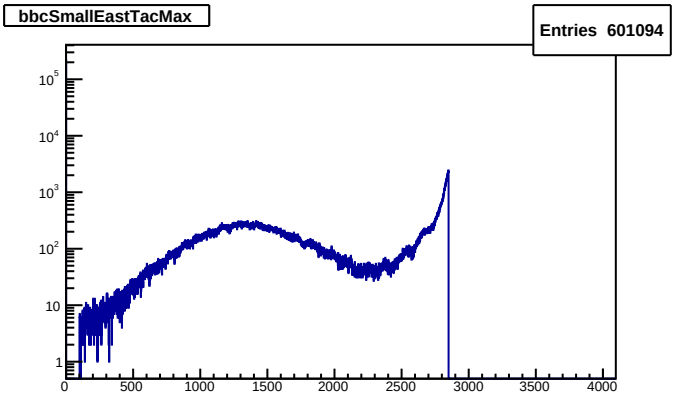

EQ3 QTB
Entries 4.458058e+07
TDC
QT Input Channel

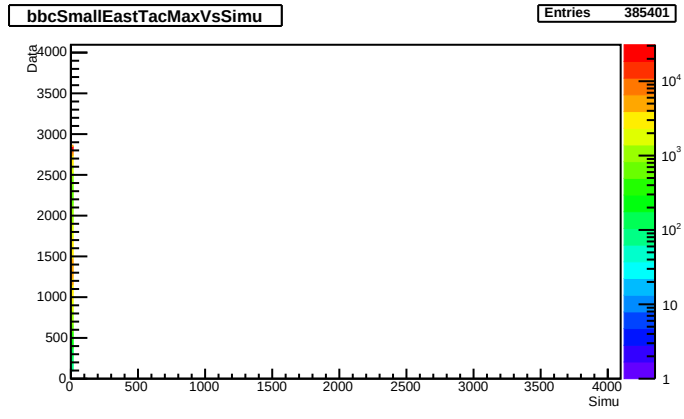

EQ3 QTC
Entries 5.770502e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.770502e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 601094


bbcSmallEastAdcSumVsSimu
Entries 385401
Data
Simu


bbcSmallEastTacMax
Entries 601094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Entries 385401
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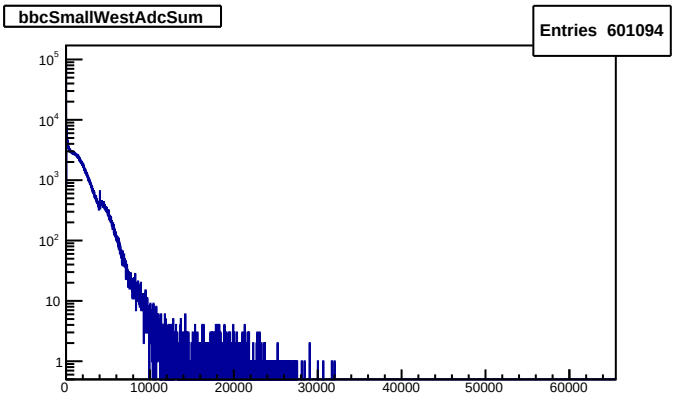
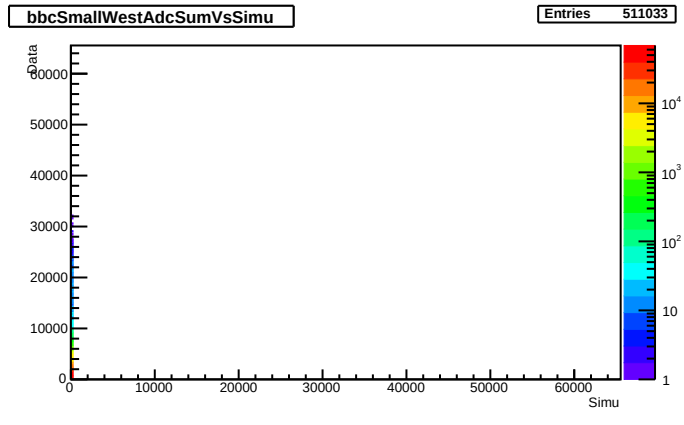

bbcSmallWestAdcSum
Entries 601094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Entries 511033
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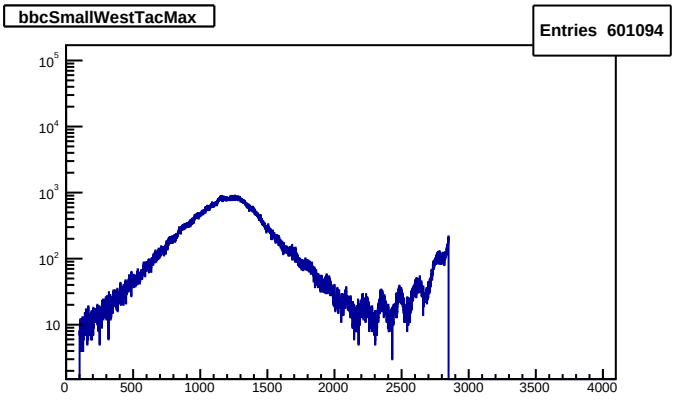
Simu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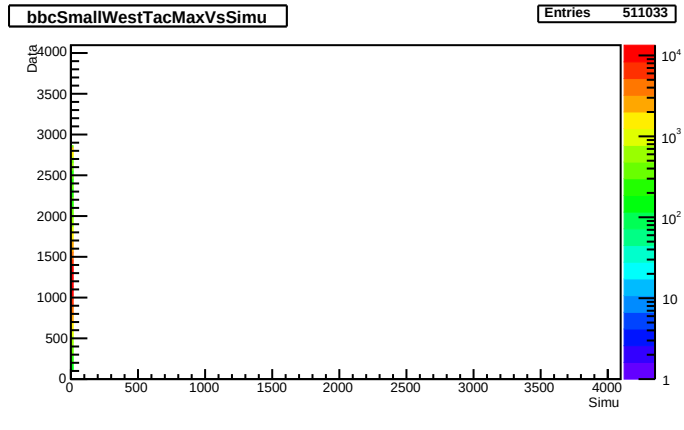
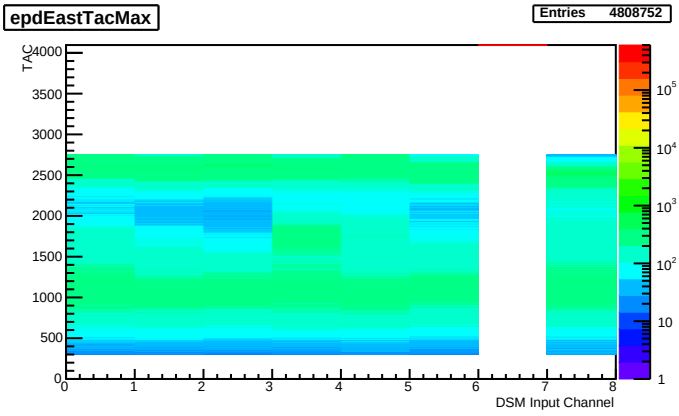
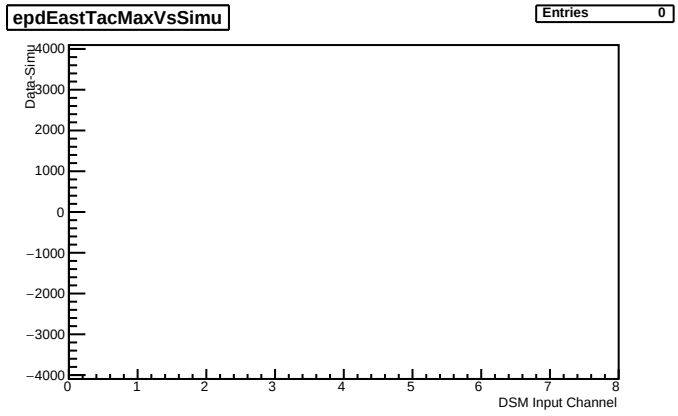

bbcSmallWestTacMaxVsSimu
Entries 511033
Data
Simu


epdEastTacMax
Entries 4808752
TAC
DSM Input Channel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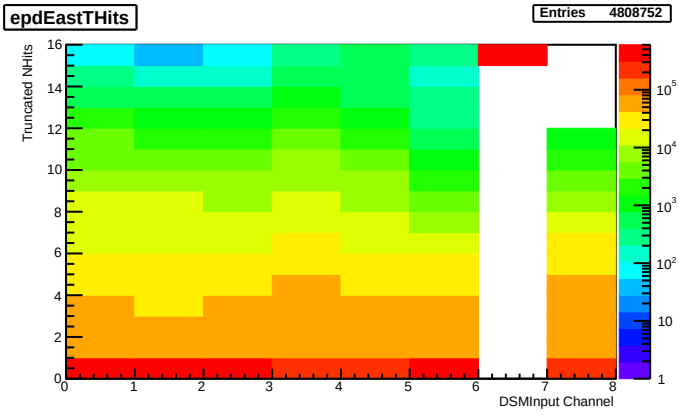
Entries 0
Data-Simu
DSM Input Channel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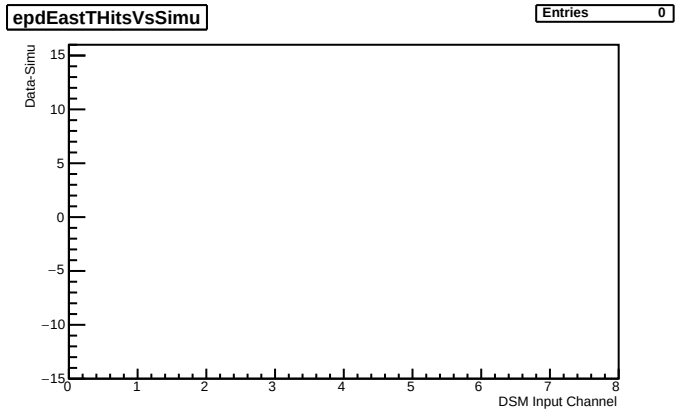
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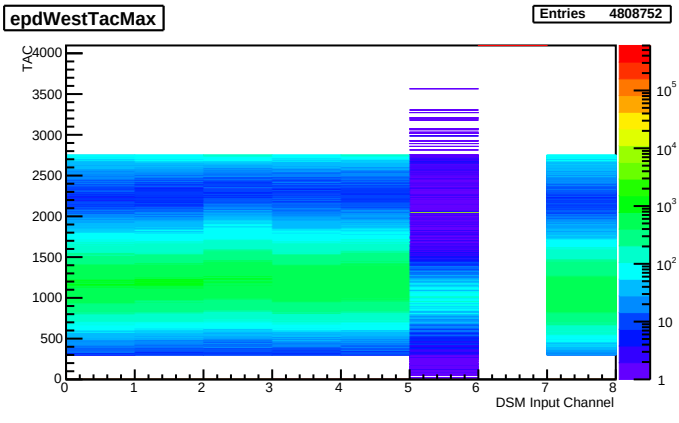
DSM Input Channel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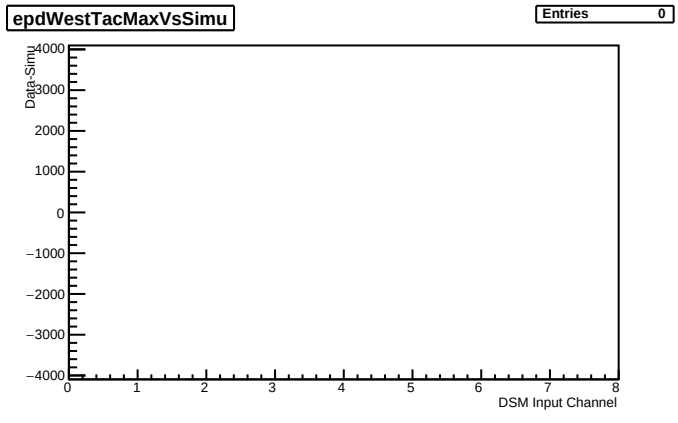
TAC
DSM Input Channel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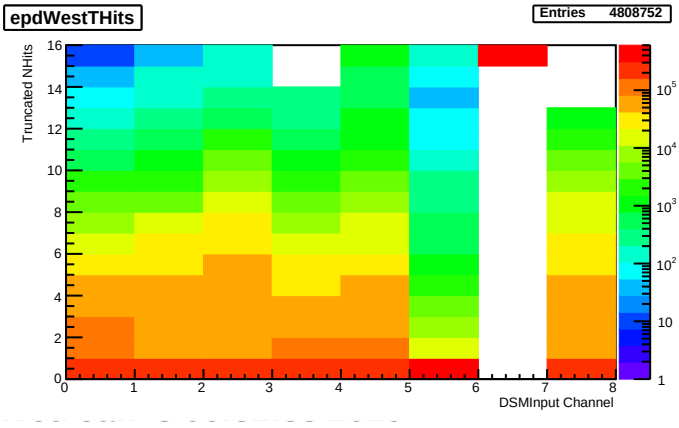
Entries 0
Data-Simu
DSM Input Channel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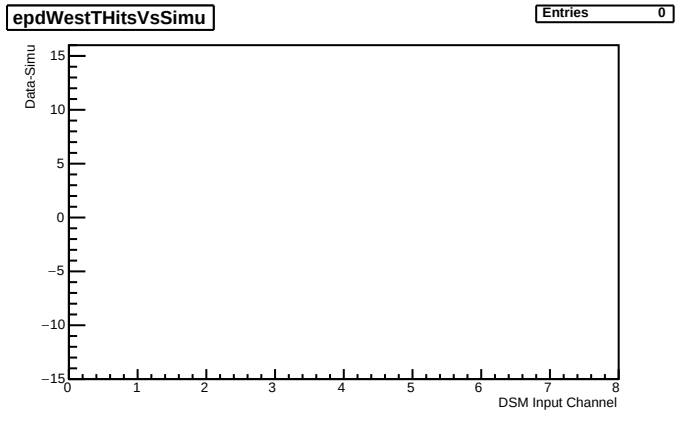
Entries 4808752
Truncated NHits
DSMInput Channel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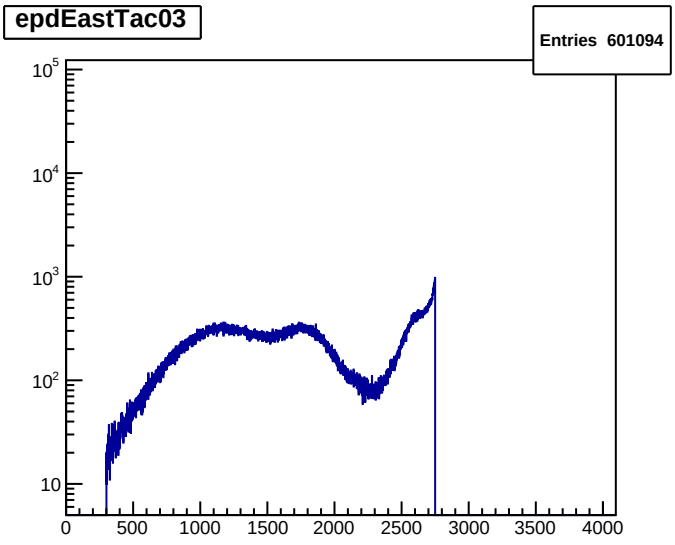
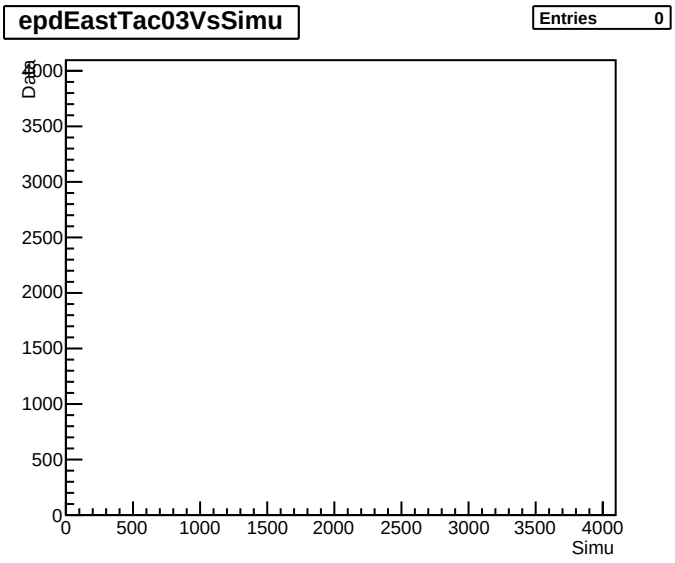
Data-Simu
DSM Input Channel


epdEastTac03
Entries 601094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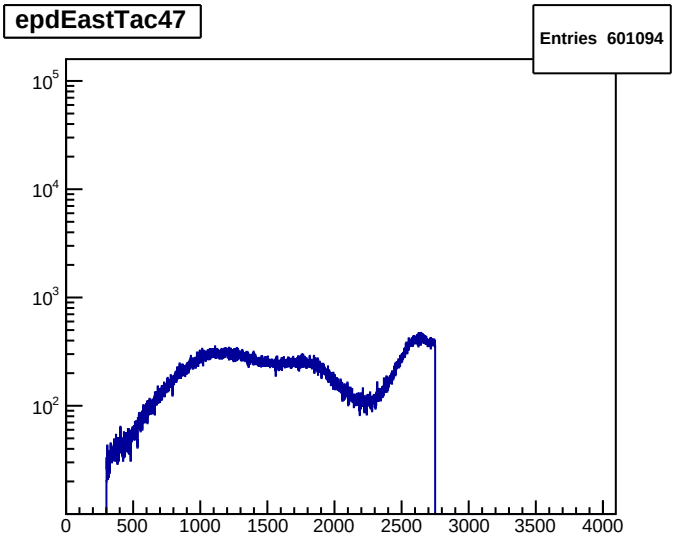
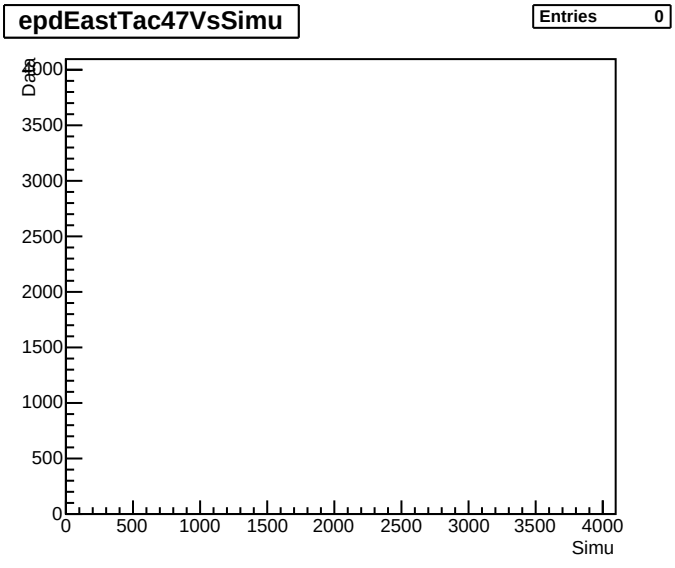
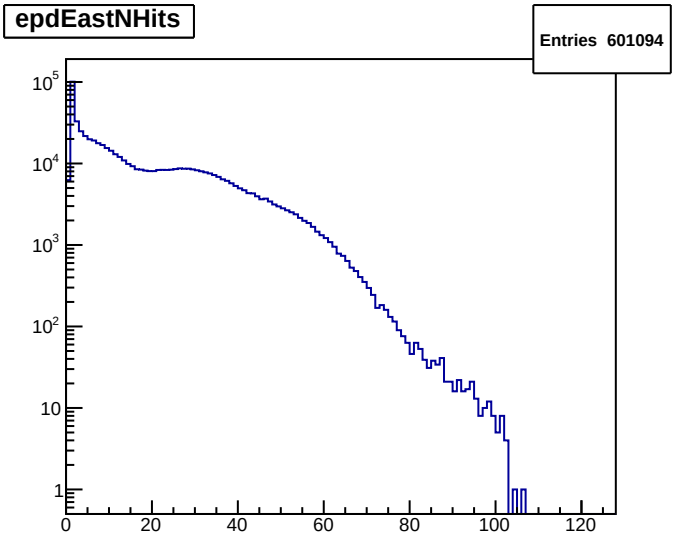
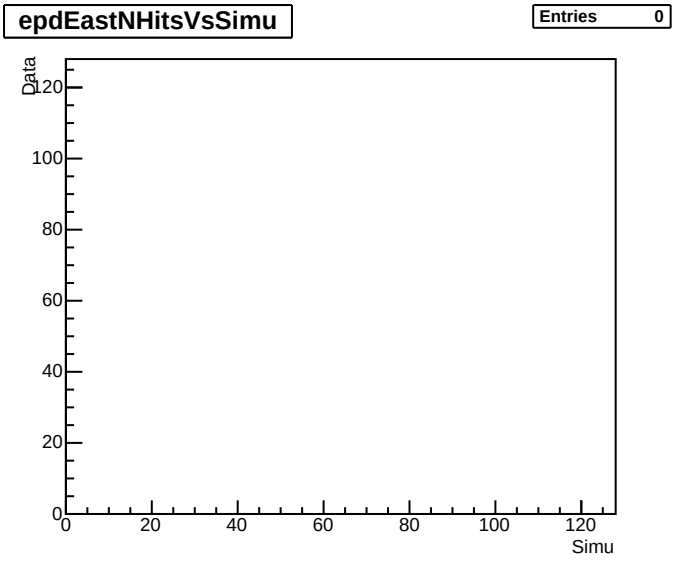
Entries 0
Data
Simu


epdEastTac47
Entries 601094


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 601094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Data
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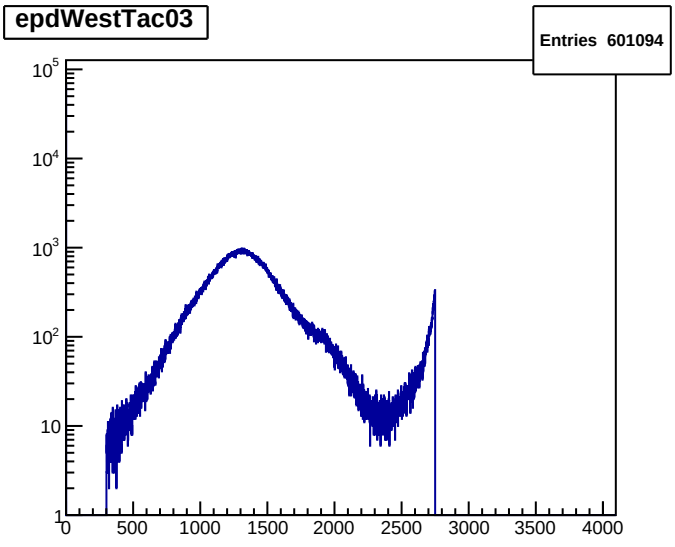
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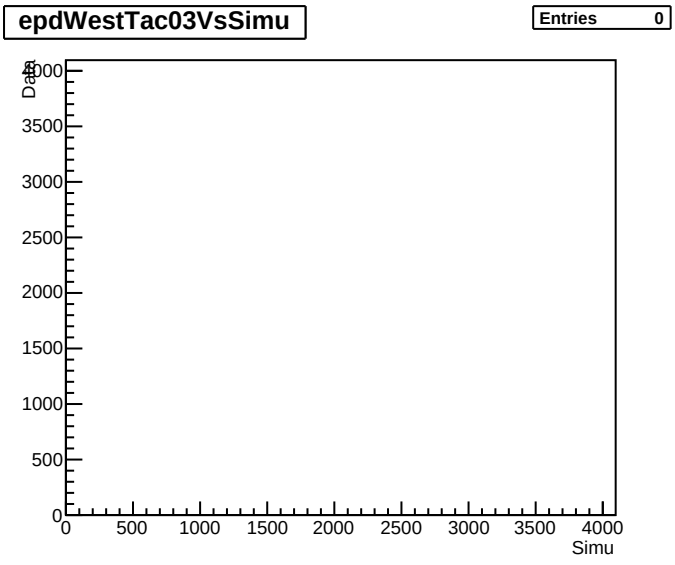
Entries 601094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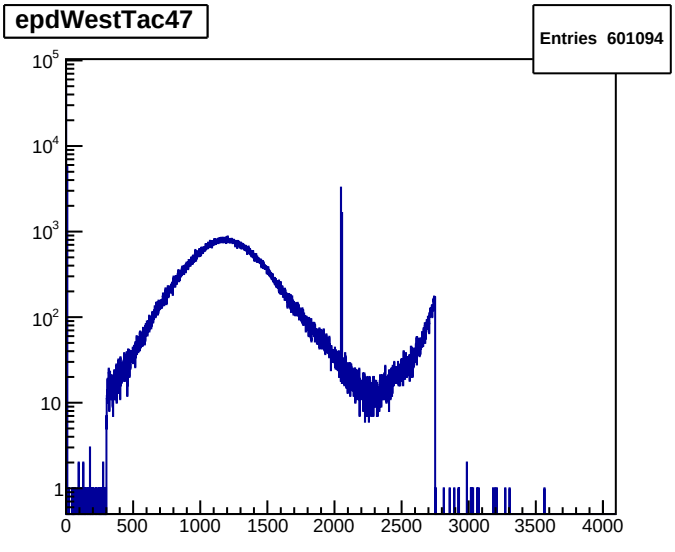
Entries 0
Data
Simu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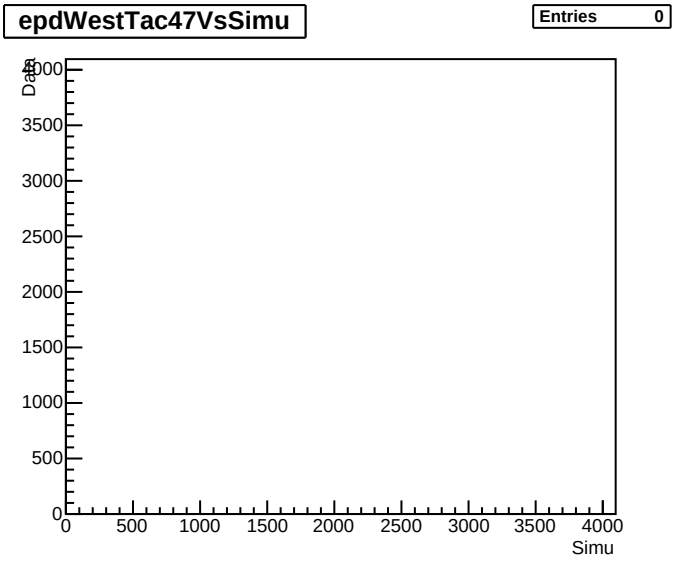
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Entries 0
Data
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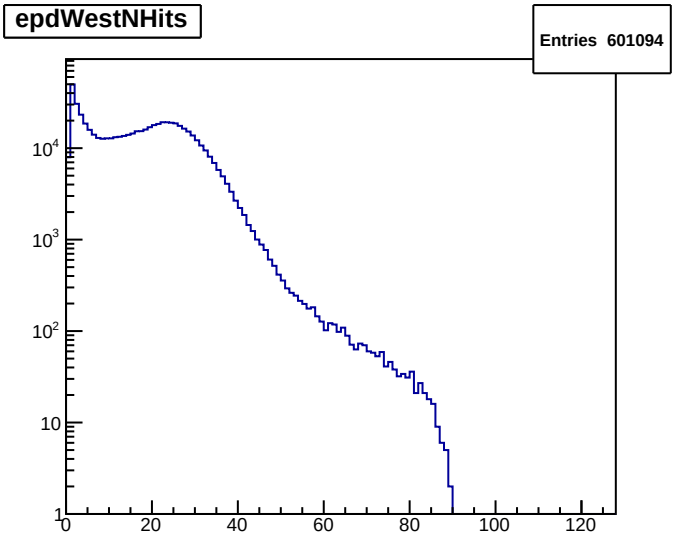
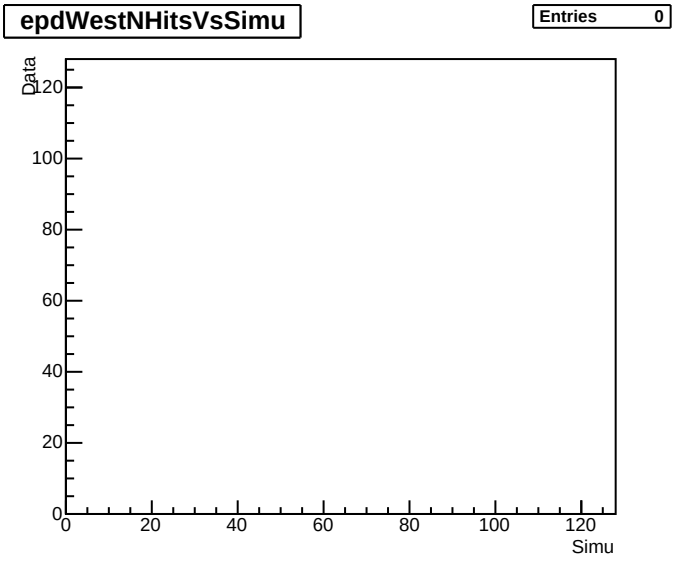
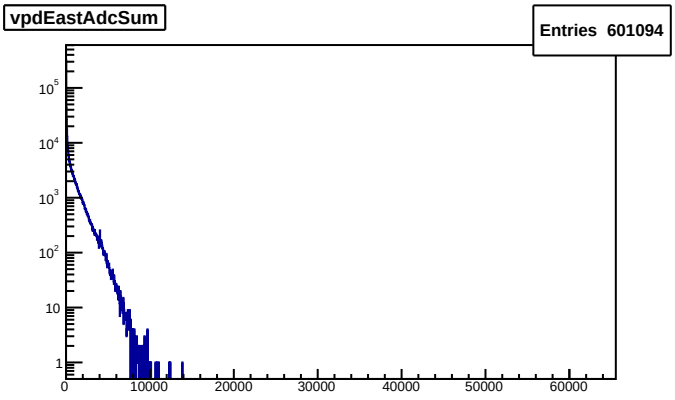
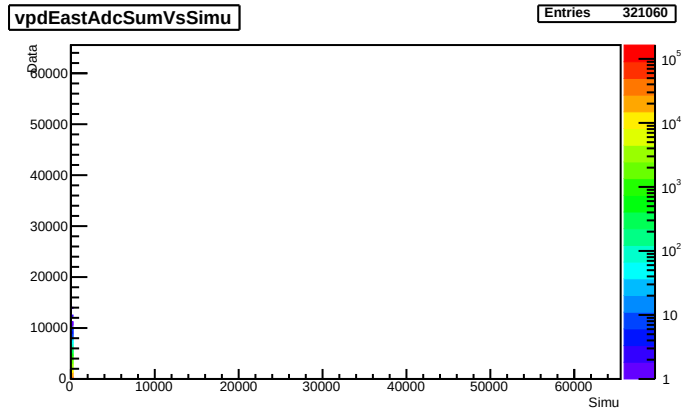
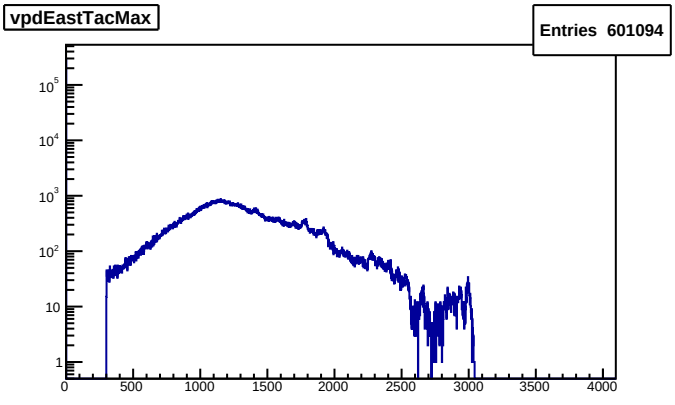
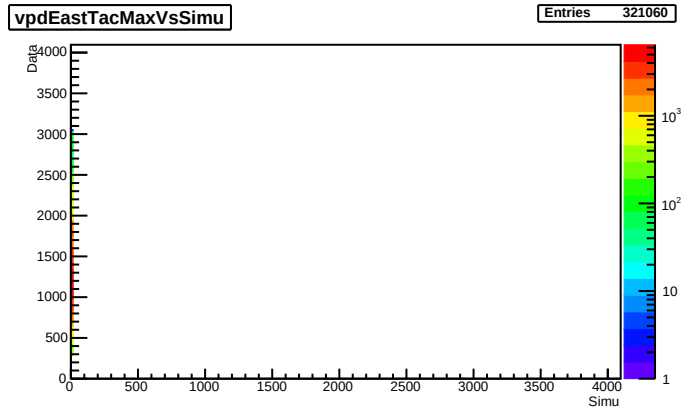

epdWestNHits
Entries 601094

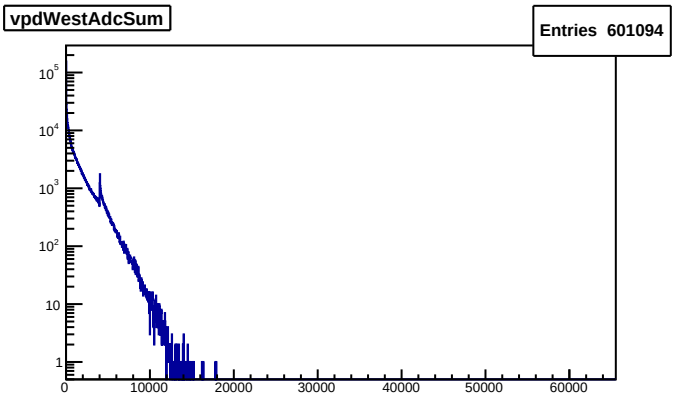

epdWestNHitsVsSimu
Entries 0
Data
Simu

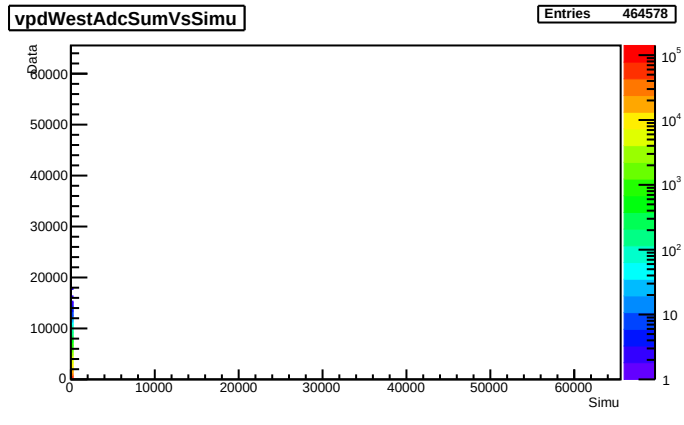

vpdEastAdcSum
Entries 601094

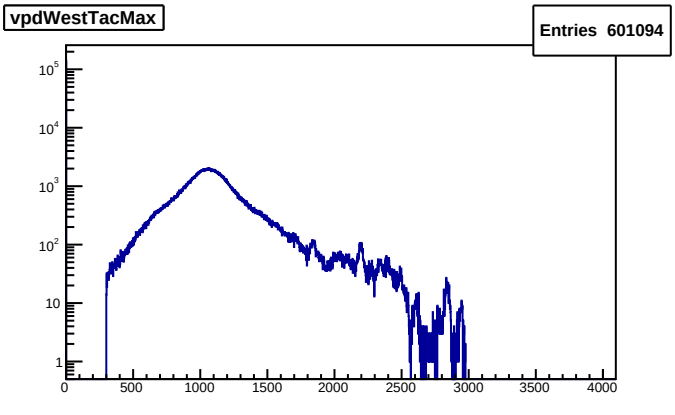

vpdEastAdcSumVsSimu
Entries 321060
Data
Simu

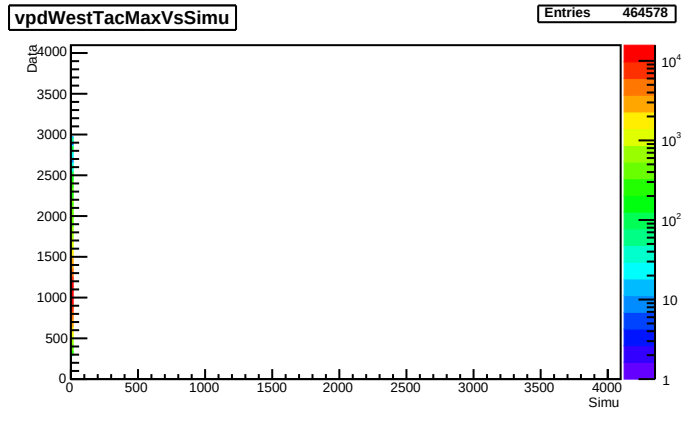

vpdEastTacMax
Entries 601094

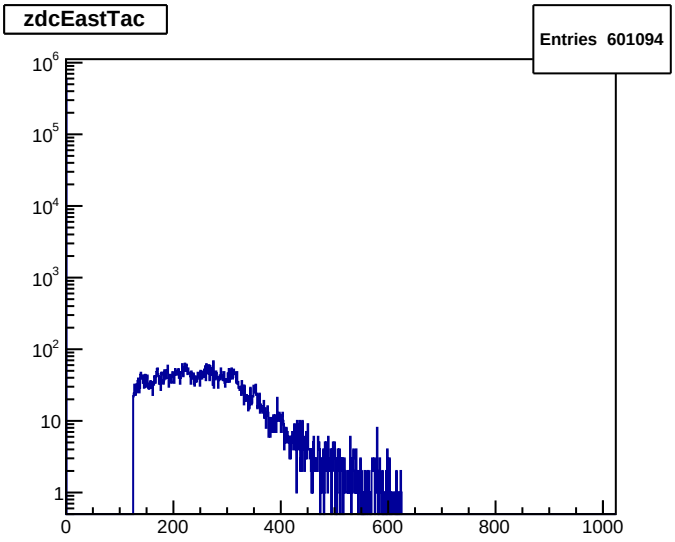

vpdEastTacMaxVsSimu
Entries 321060
Data
Simu

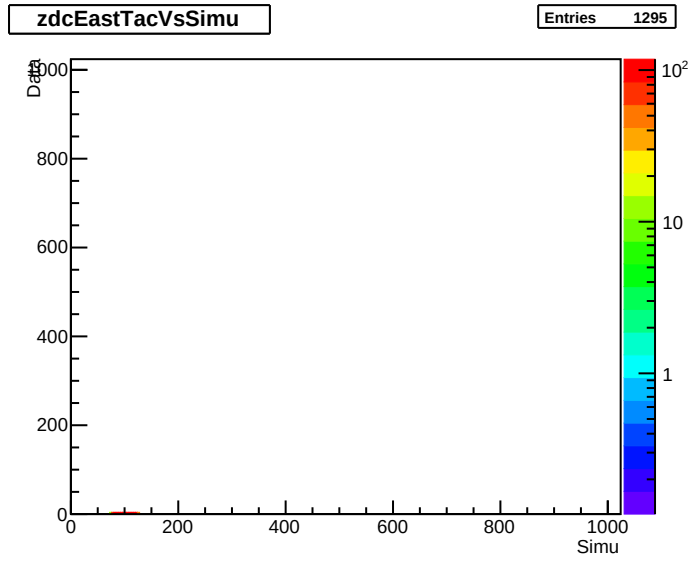

vpdWestAdcSum
Entries 601094

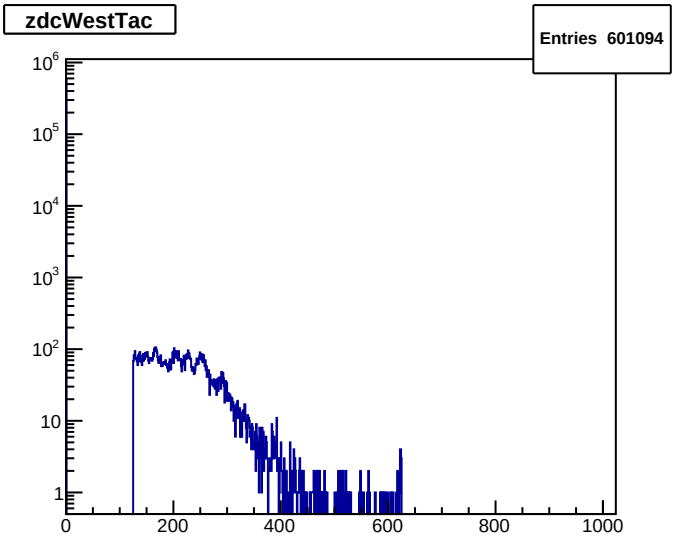

vpdWestAdcSumVsSimu
Entries 464578
Data
Simu

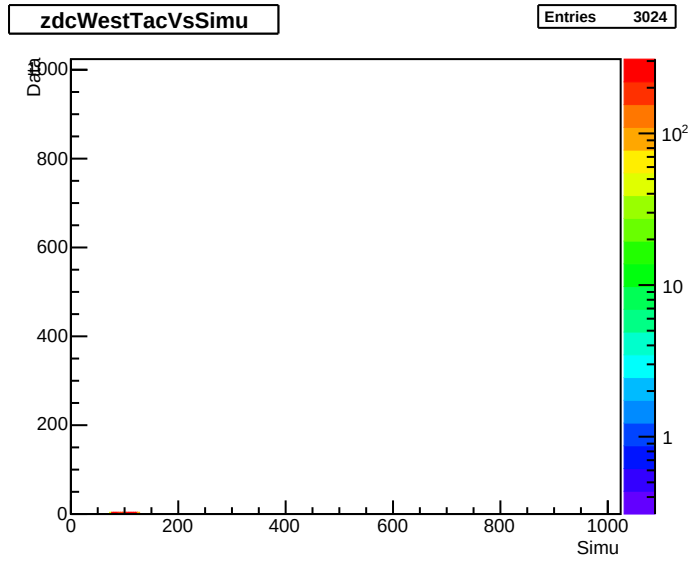

vpdWestTacMax
Entries 601094

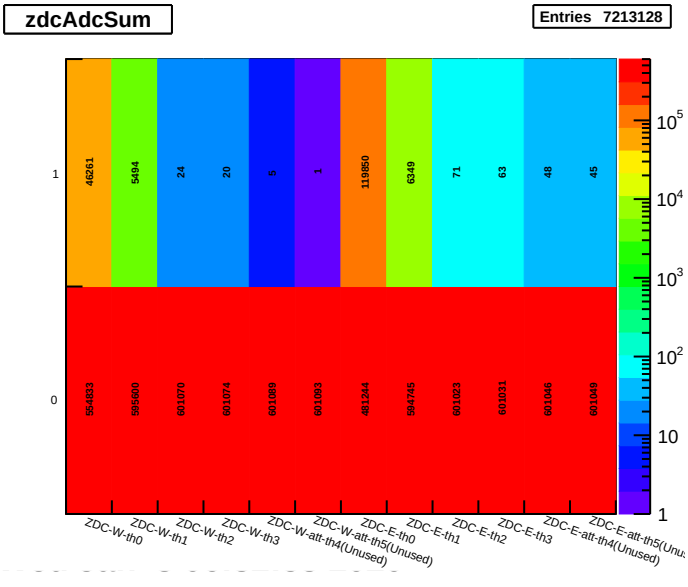

vpdWestTacMaxVsSimu
Entries 464578
Data
Simu

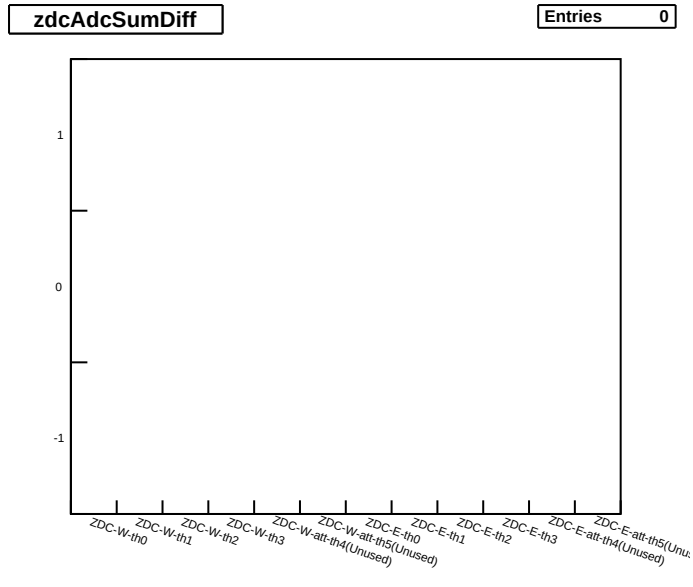

zdcEastTac
Entries 601094

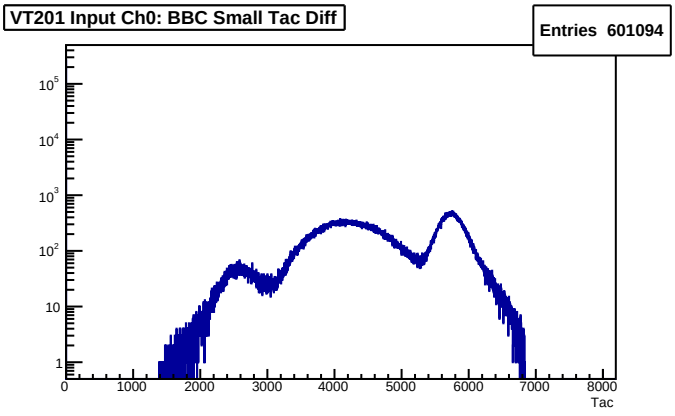

zdcEastTacVsSimu
Entries 1295
Data
Simu

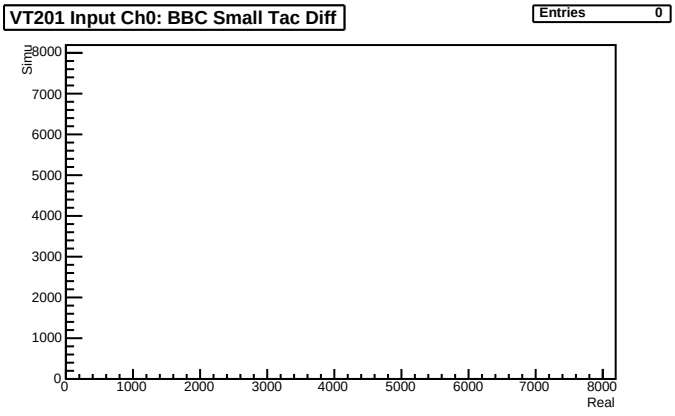

zdcWestTac
Entries 601094

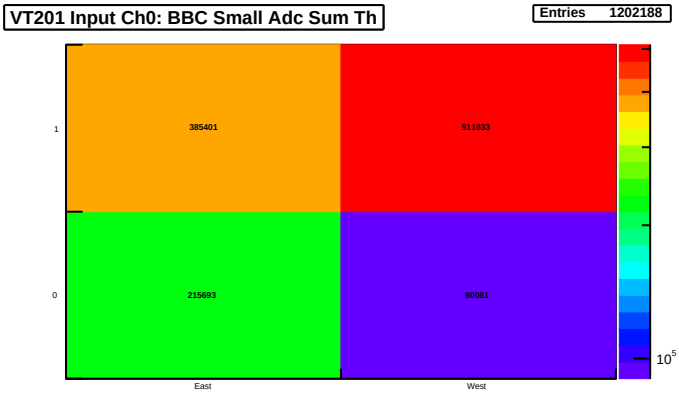

zdcWestTacVsSimu
Entries 3024
Data
Simu

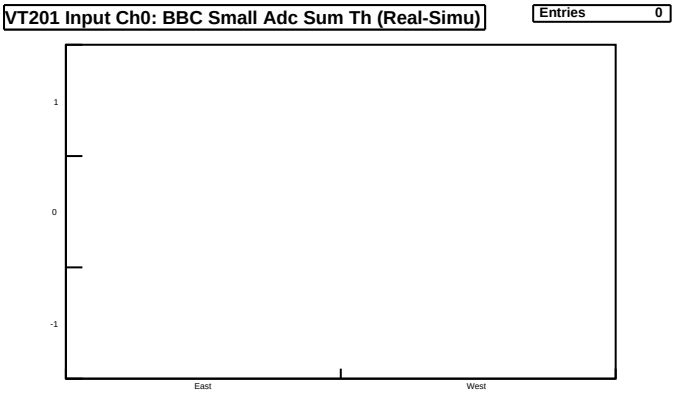

zdcAdcSum
Entries 7213128
46261
5494
24
20
5
1
119850
6349
71
63
48
45
554833
595600
601070
601074
601089
601093
481244
594745
601023
601031
601046
601049
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

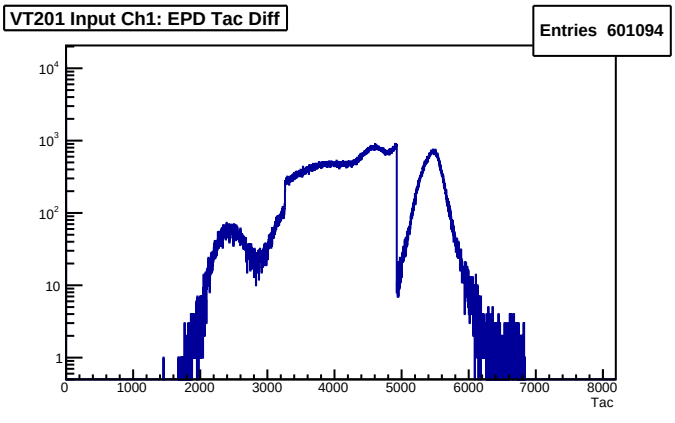

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

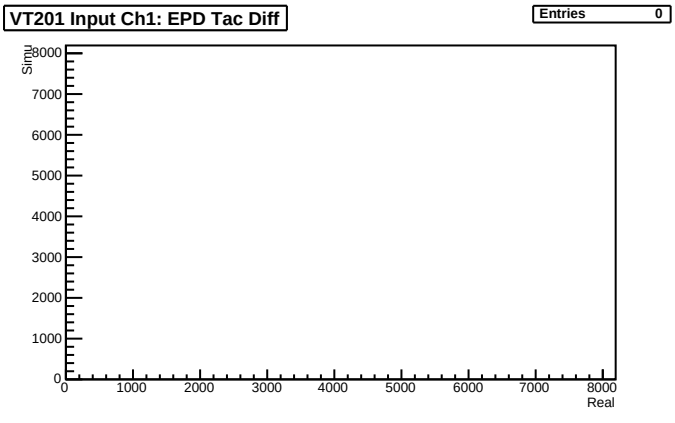

VT201 Input Ch0: BBC Small Tac Diff
Entries 601094
Tac

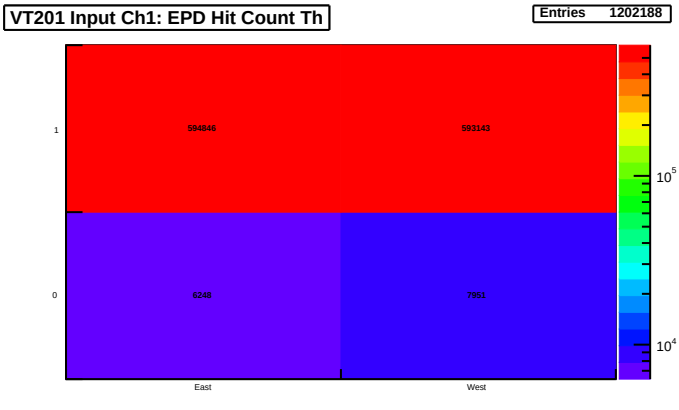

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

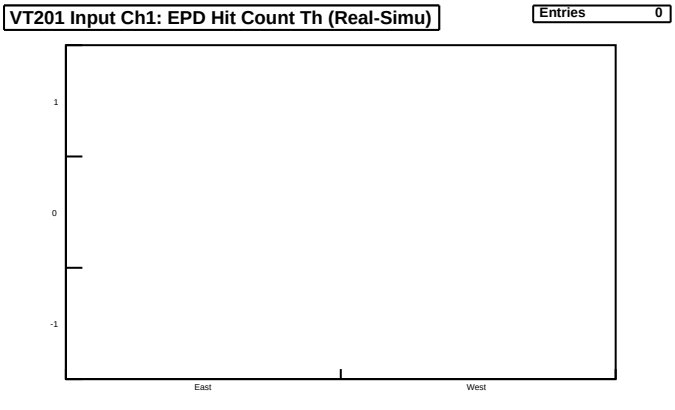

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1202188
385401
511033
215693
90061
East
West

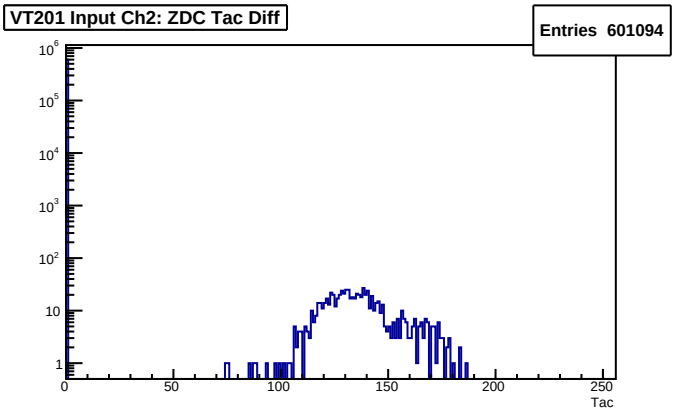

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

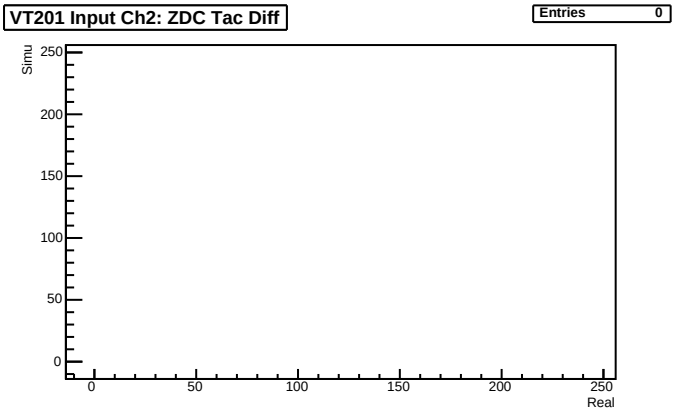

VT201 Input Ch1: EPD Tac Diff
Entries 601094
Tac

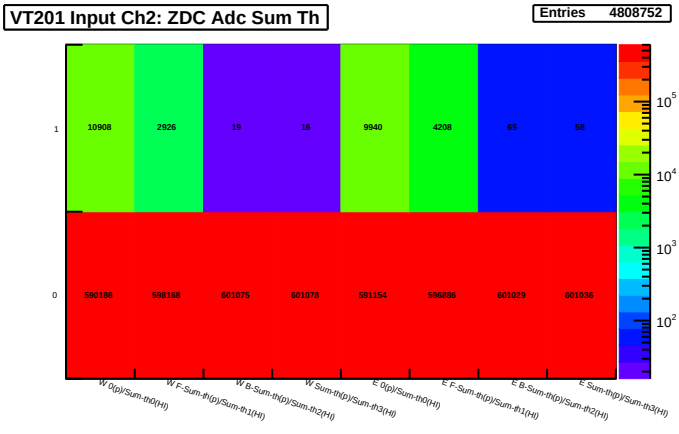

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

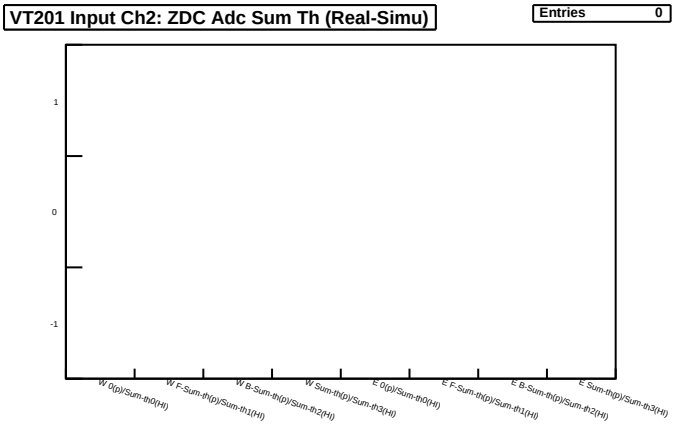

VT201 Input Ch1: EPD Hit Count Th
Entries 1202188
594846
593143
6248
7951
East
West

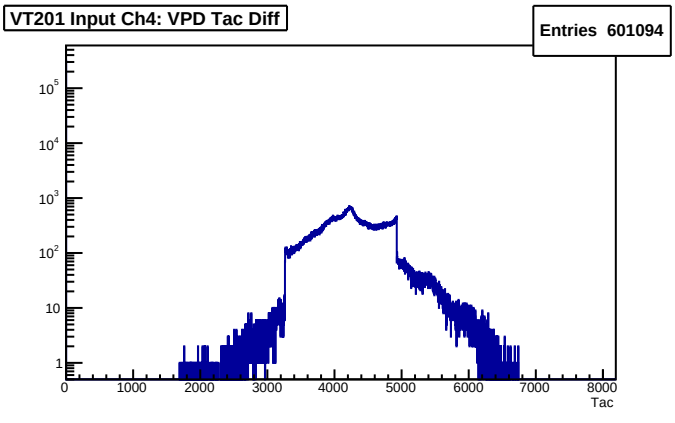

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

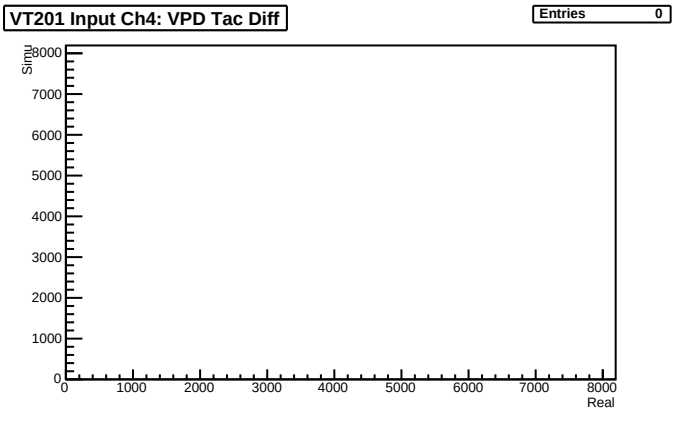

VT201 Input Ch2: ZDC Tac Diff
Entries 601094
Tac

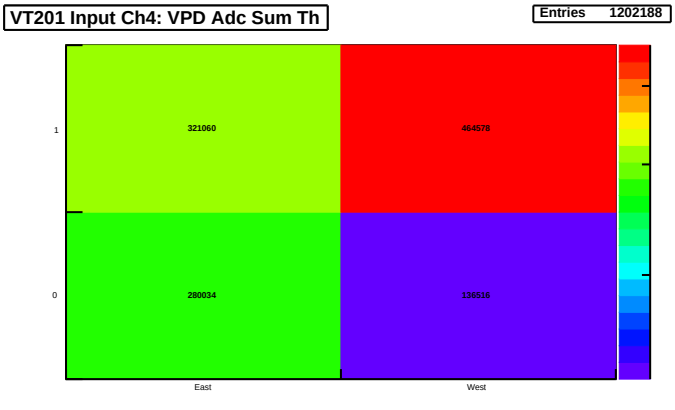

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

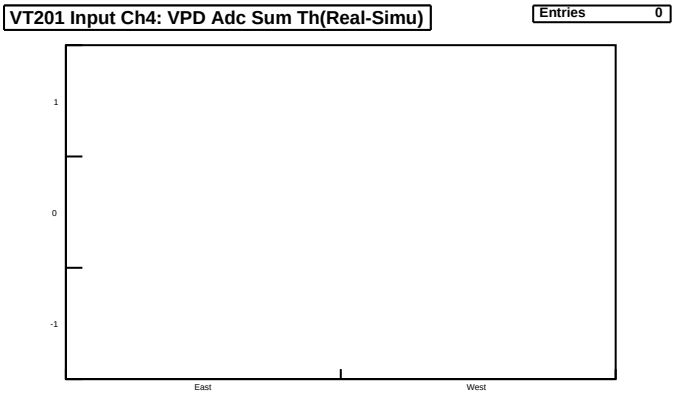

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4808752
10908
2926
19
16
9940
4208
65
58
590186
598168
601075
601078
591154
596886
601029
601036
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

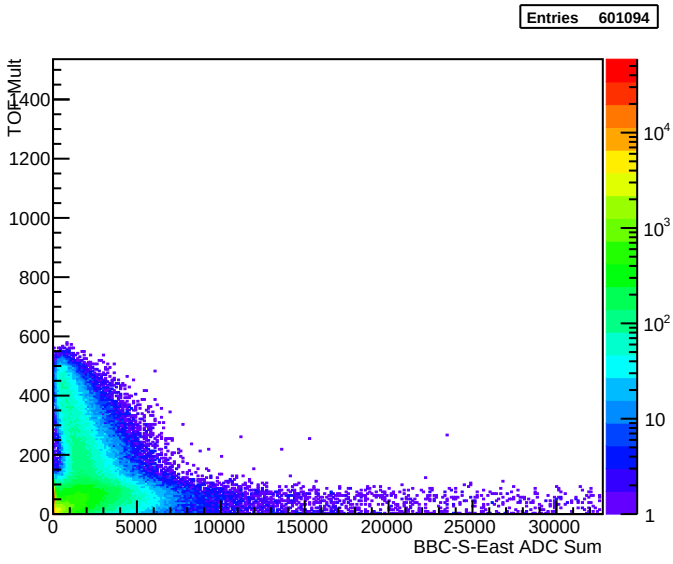

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

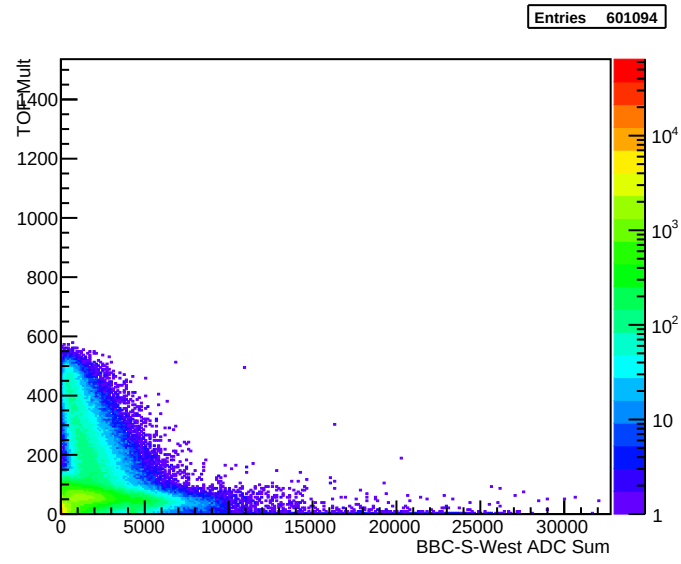

VT201 Input Ch4: VPD Tac Diff
Entries 601094
Tac

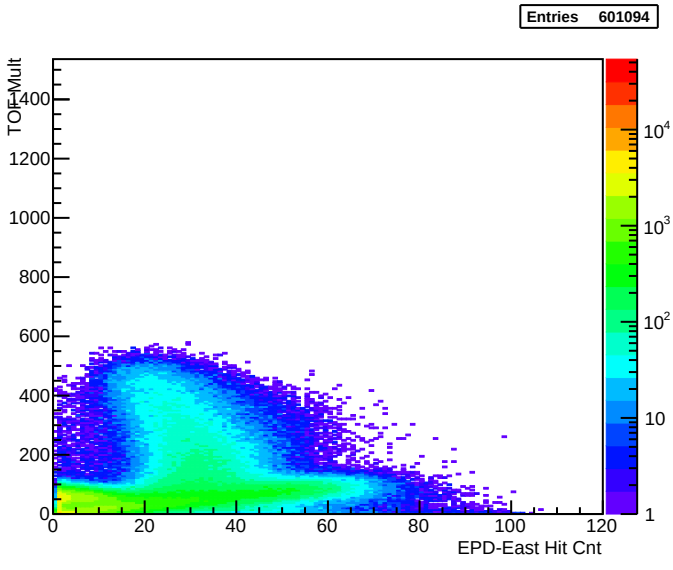

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

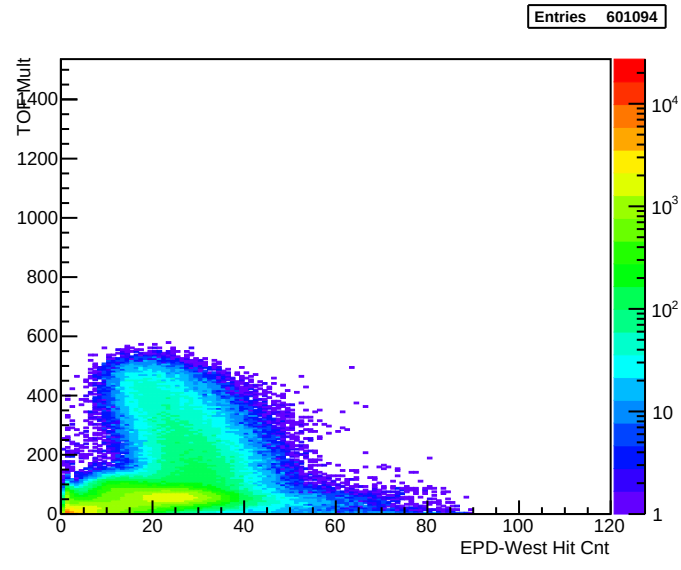

VT201 Input Ch4: VPD Adc Sum Th
Entries 1202188
321060
464578
280034
136516
East
West

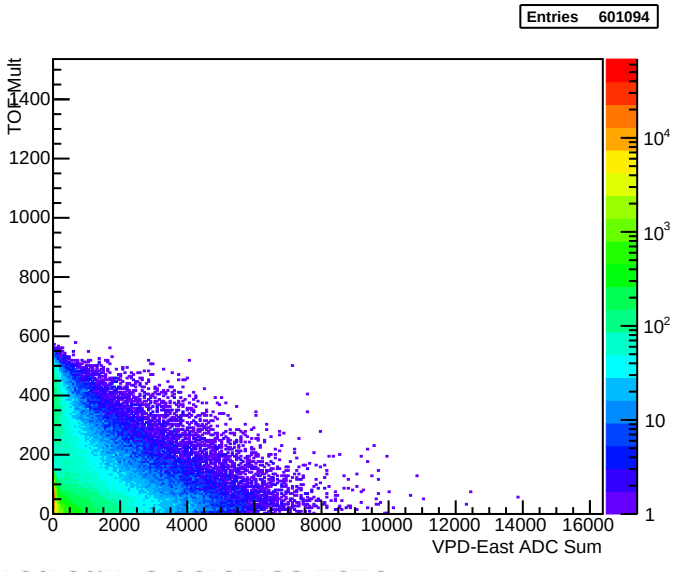

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

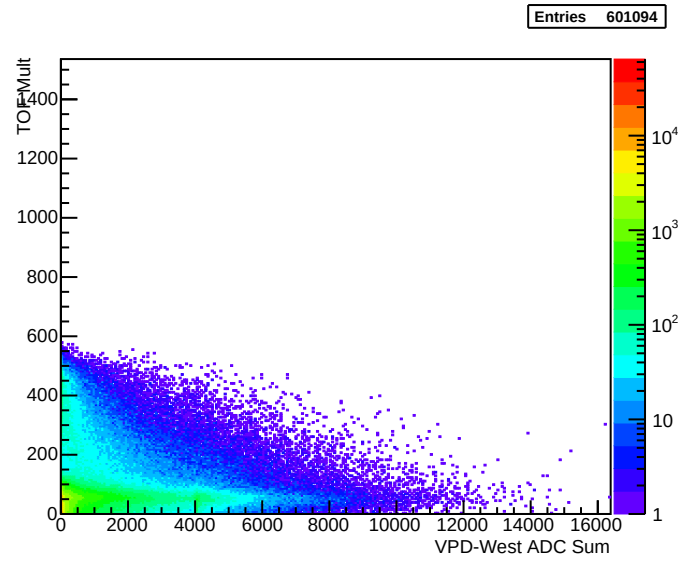

Entries 601094
TOF-Mult
BBC-S-East ADC Sum

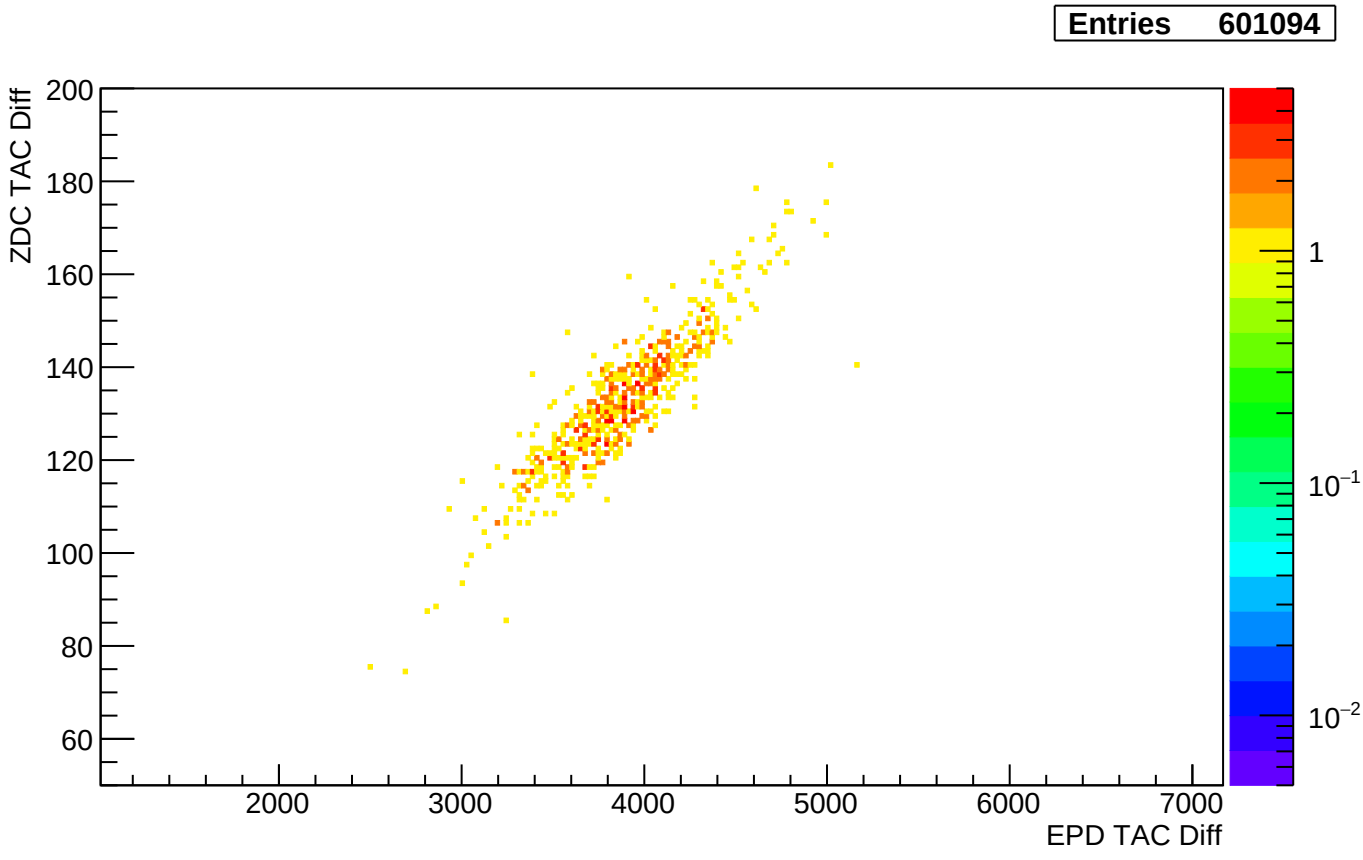

Entries 601094
TOF-Mult
BBC-S-West ADC Sum

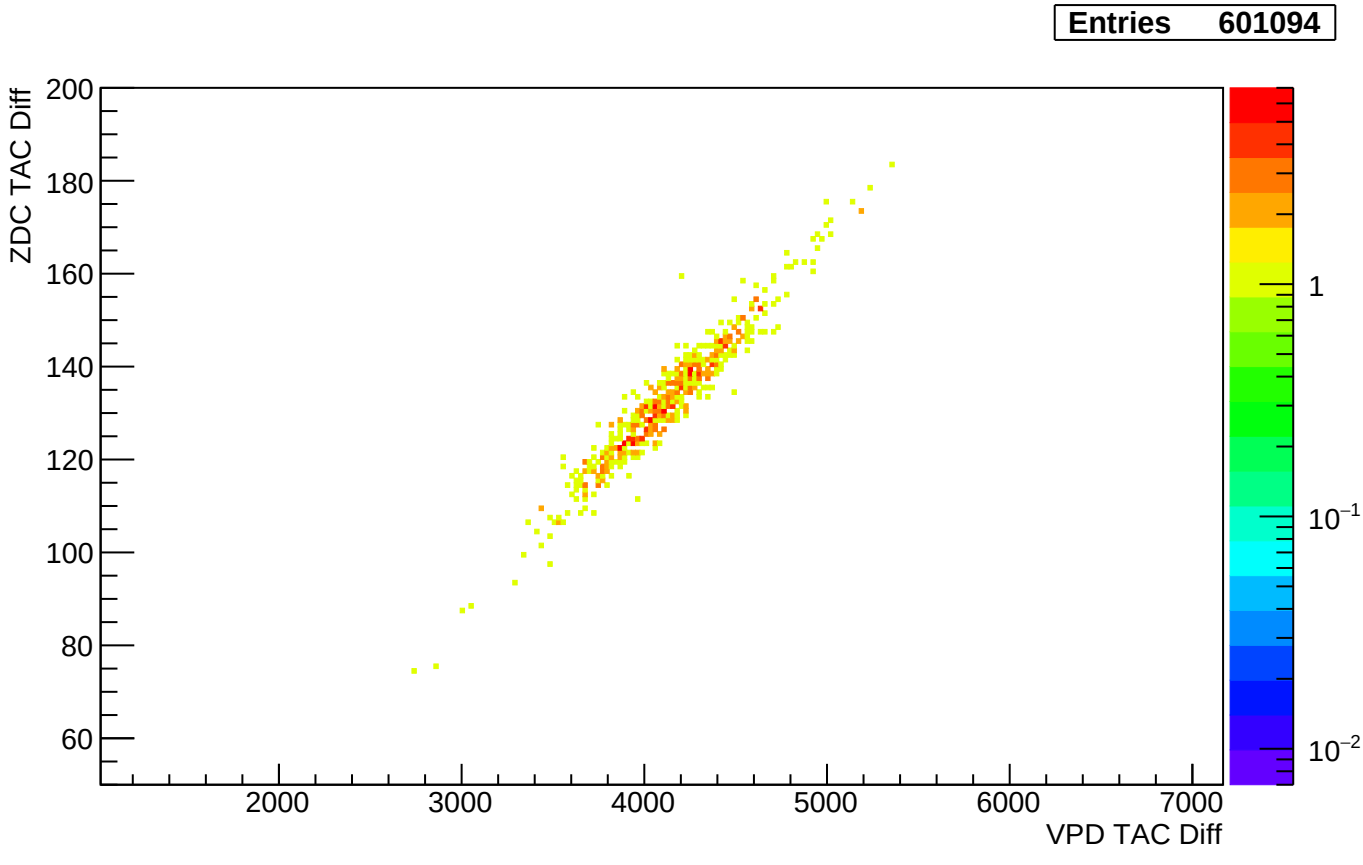

Entries 601094
TOF-Mult
EPD-East Hit Cnt

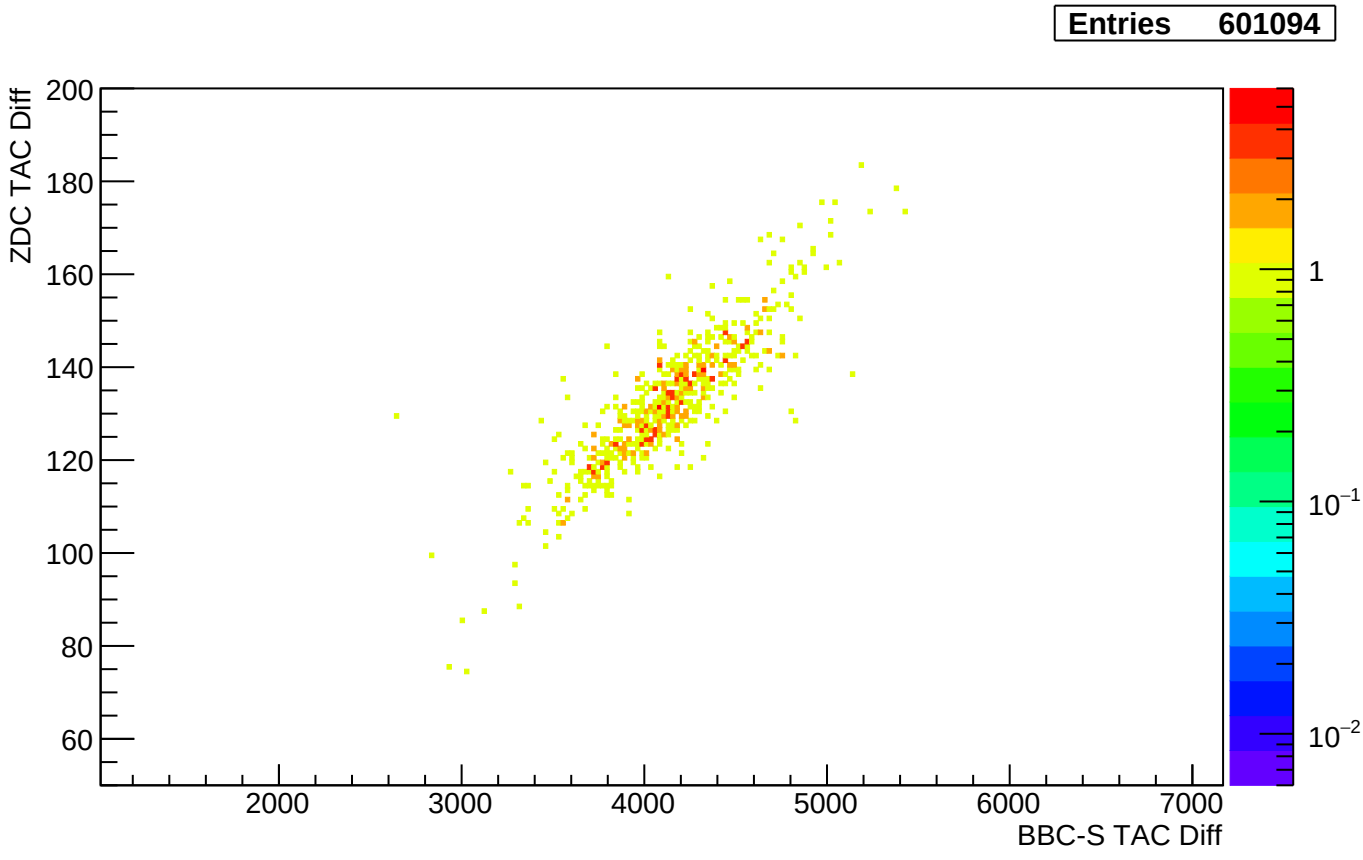

Entries 601094
TOF-Mult
EPD-West Hit Cnt

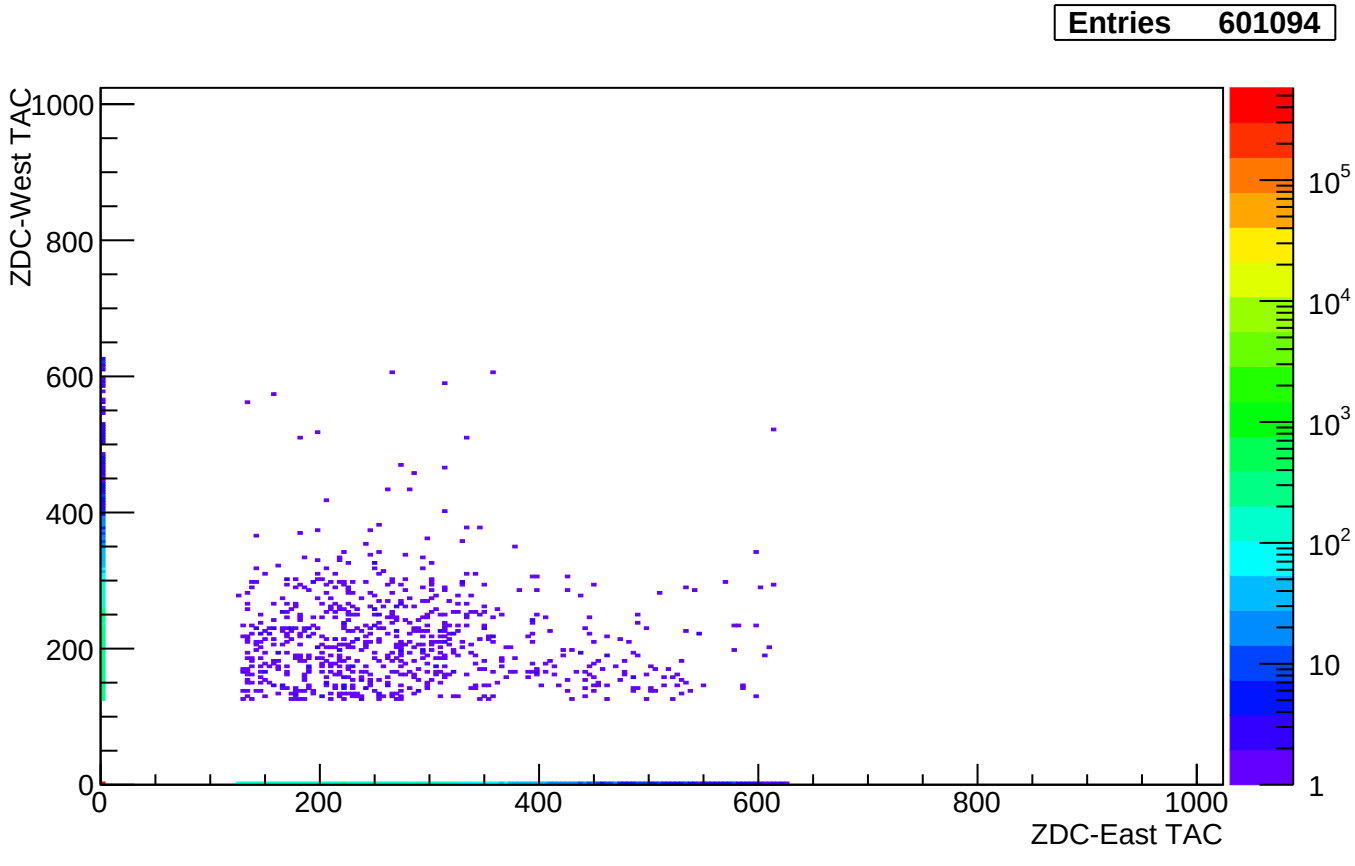

Entries 601094
TOF-Mult
VPD-East ADC Sum

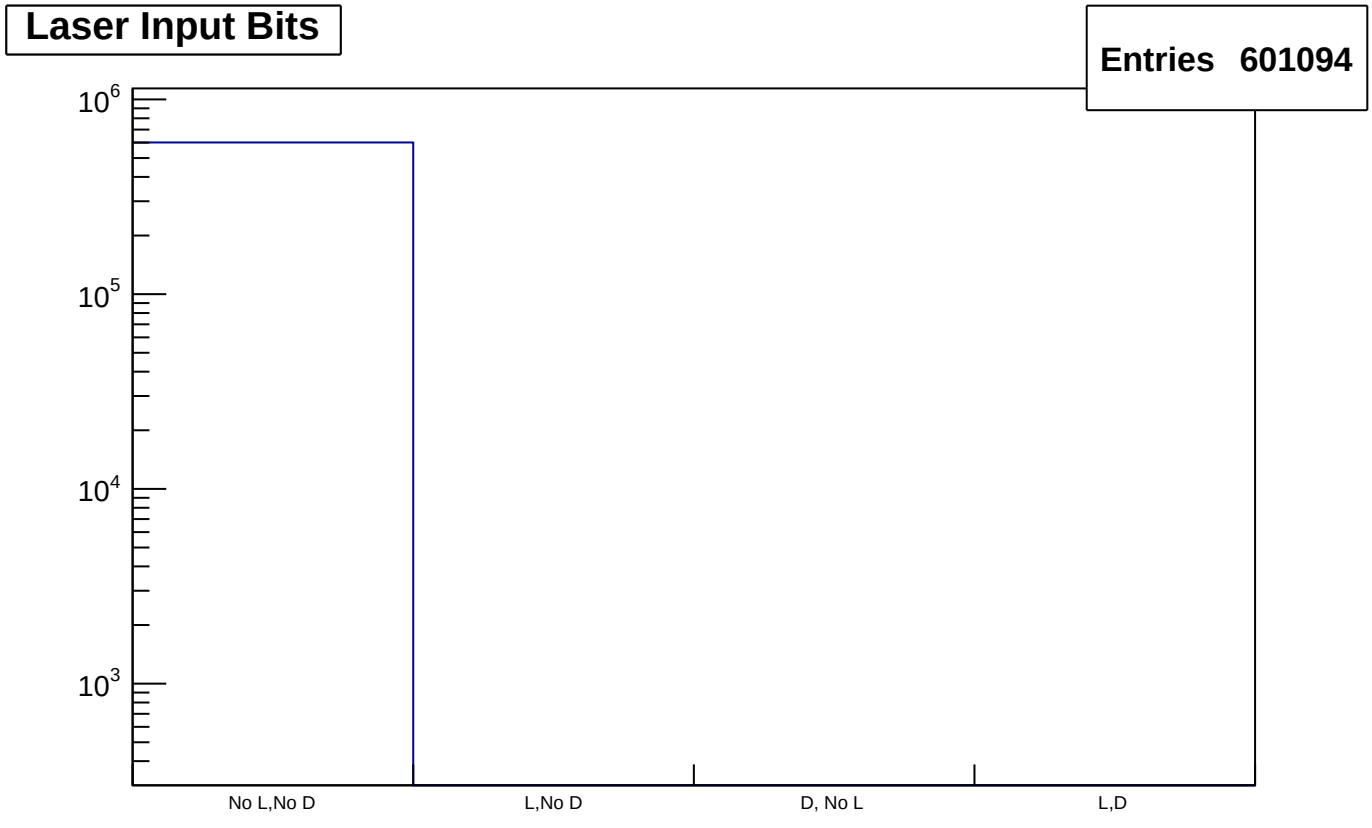

Entries 601094
TOF-Mult
VPD-West ADC Sum

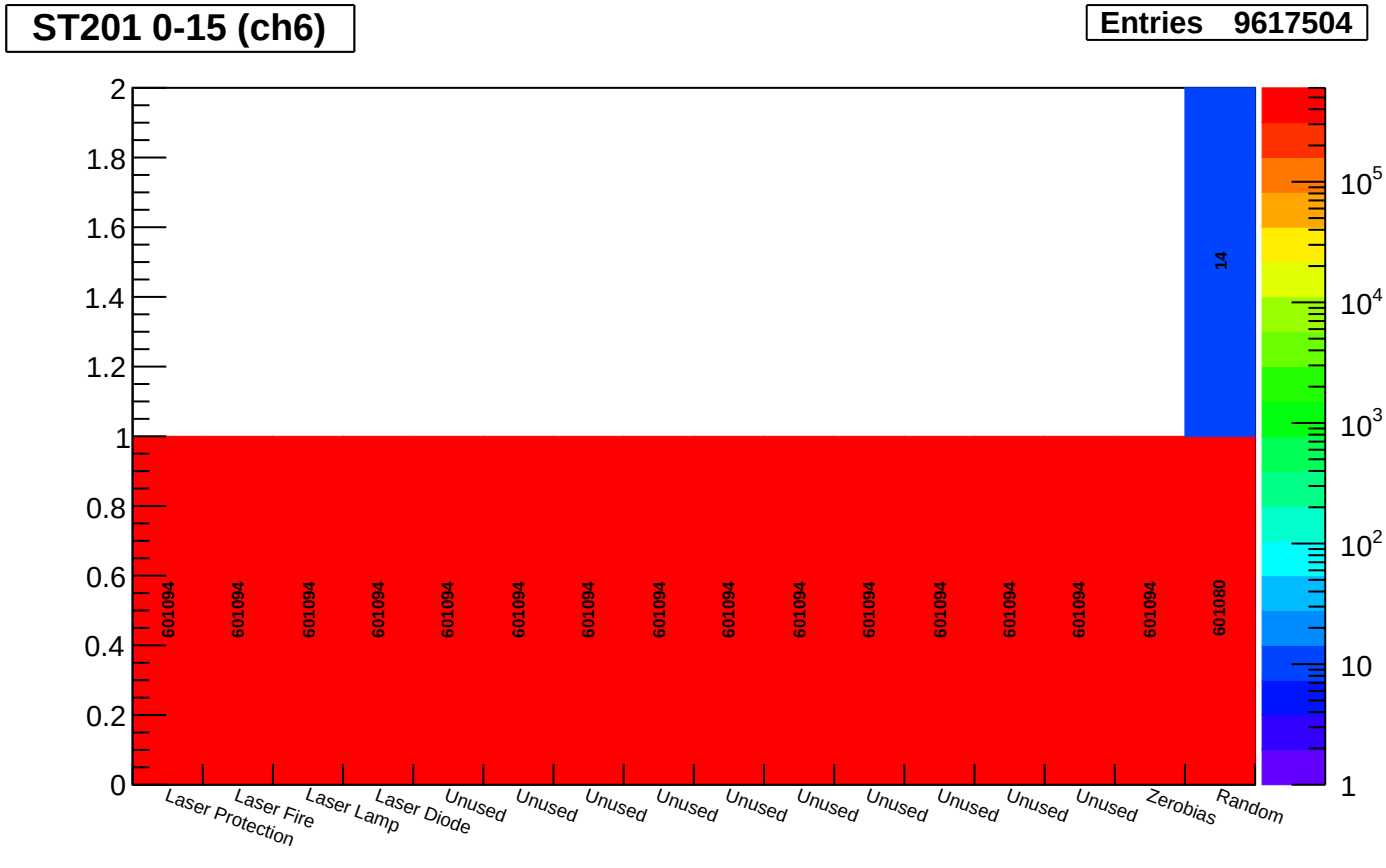

Entries 601094
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

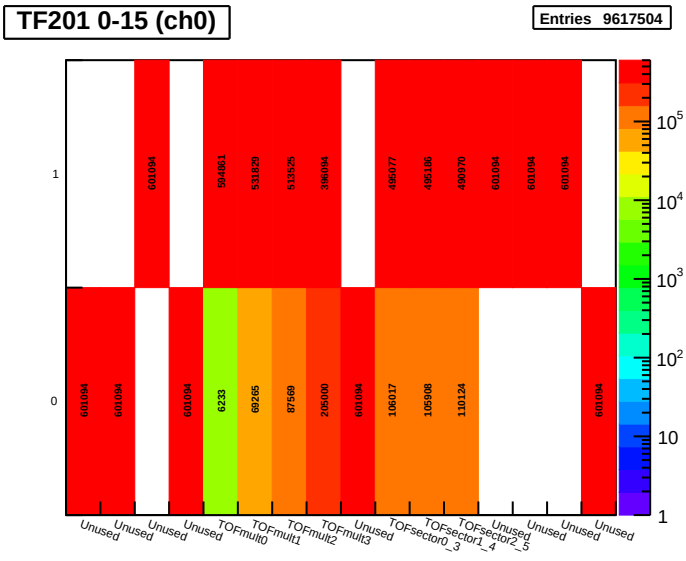

Entries 601094
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

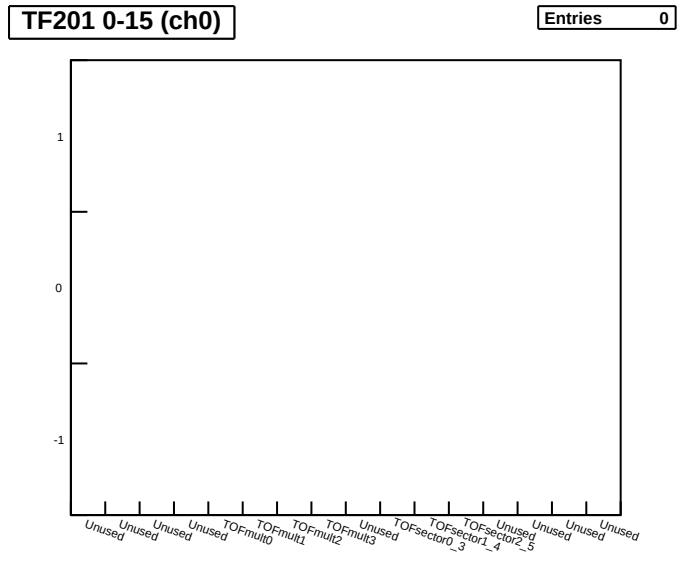

Entries 601094
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

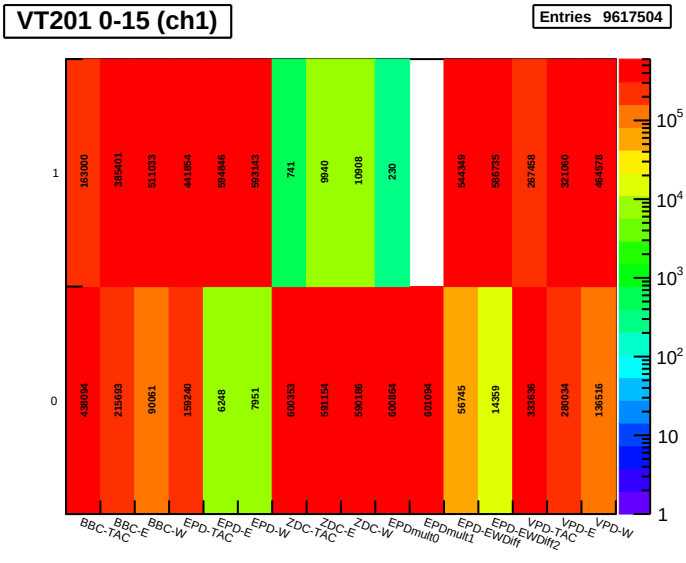

Entries 601094
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

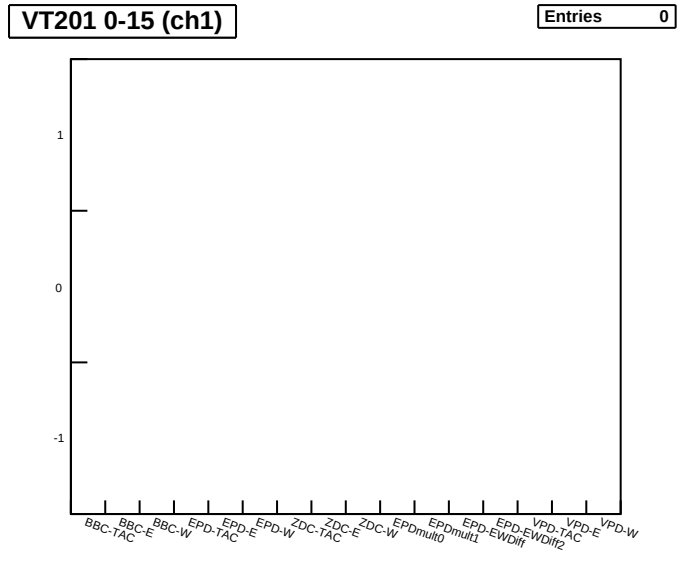

Laser Input Bits
Entries 601094
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

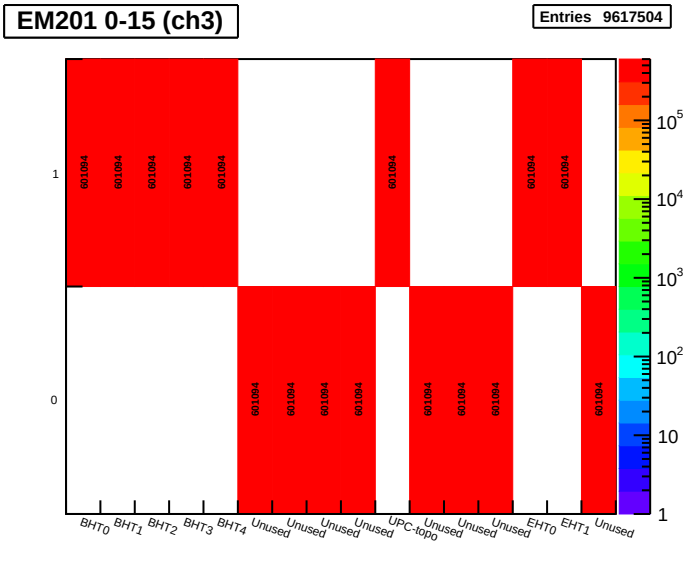

ST201 0-15 (ch6)
Entries 9617504
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
601094
601080
14
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

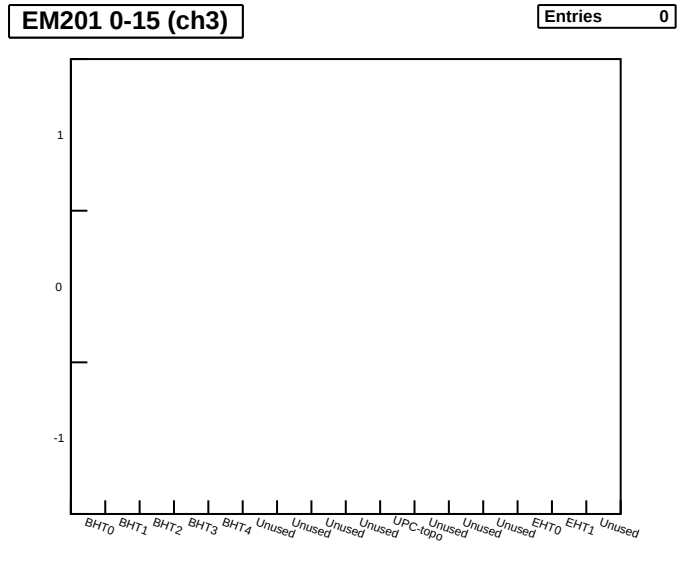

TF201 0-15 (ch0)
Entries 9617504
1
0
601094 601094 601094 6233 69265 87569 205000 601094 106017 105908 110124 601094
601094 531829 513525 396094 495077 495186 490970 601094 601094 601094
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 9617504
1
0
163000 395401 511033 441854 594846 593143 741 9940 10908 230 544349 586735 267458 321060 464578
438094 215693 90061 159240 6248 7951 600353 591154 590186 600864 601094 56745 14359 333636 280034 136516
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
1 10 10^2 10^3 10^4 10^5


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 9617504
1
0
601094 601094 601094 601094 601094 601094 601094
601094 601094 601094 601094 601094 601094 601094 601094
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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