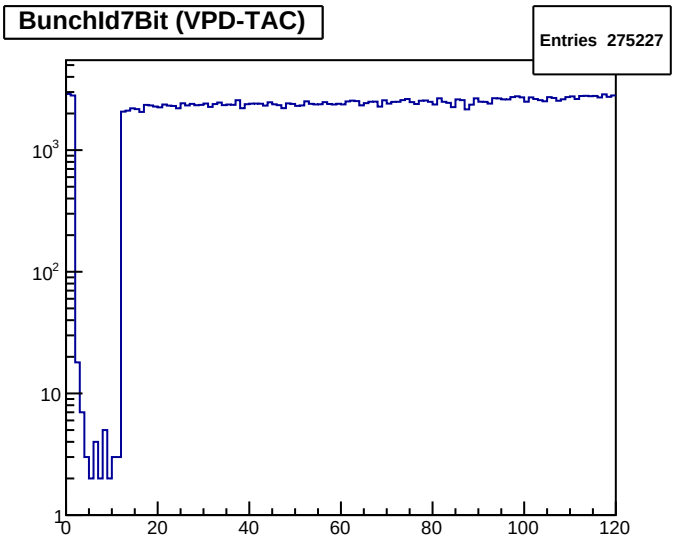
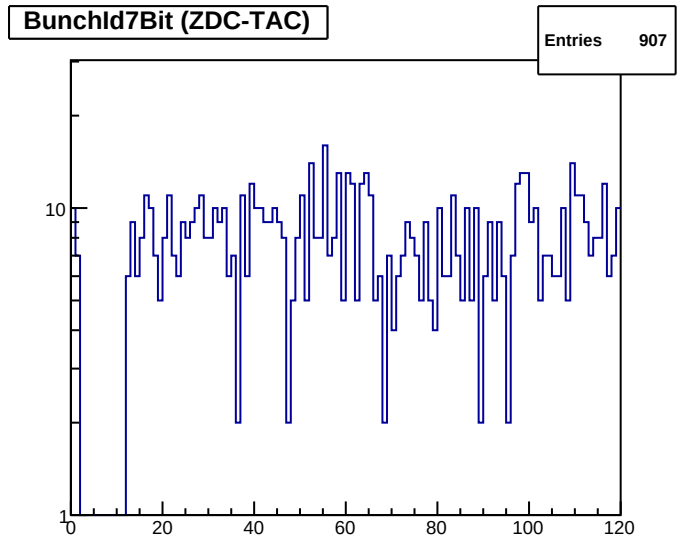
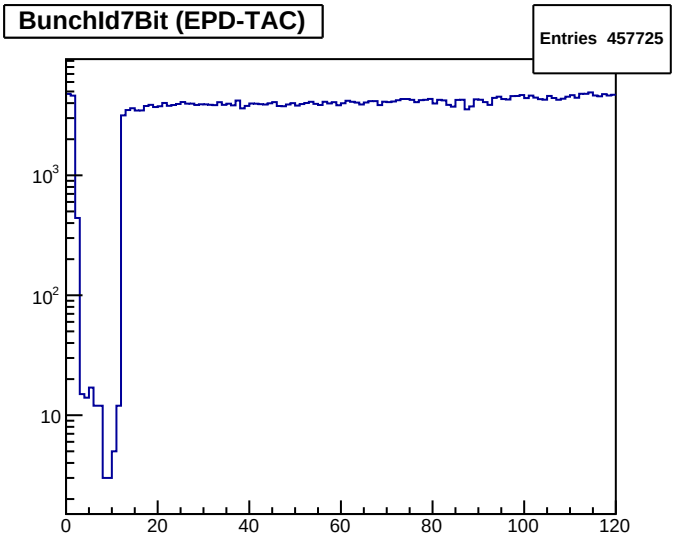
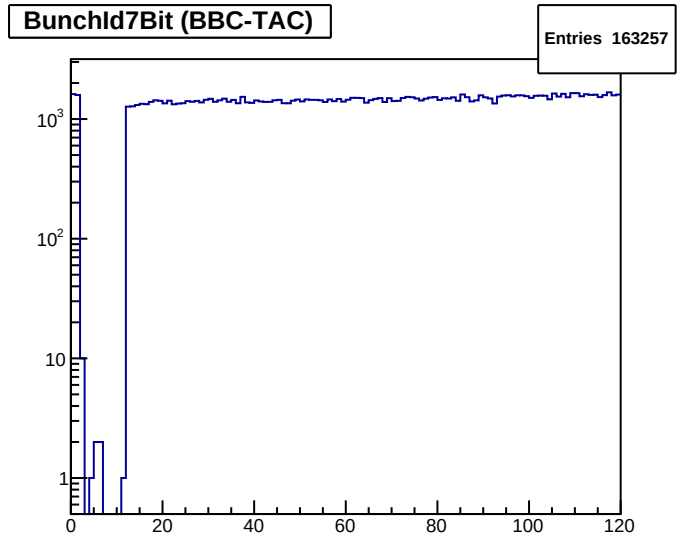
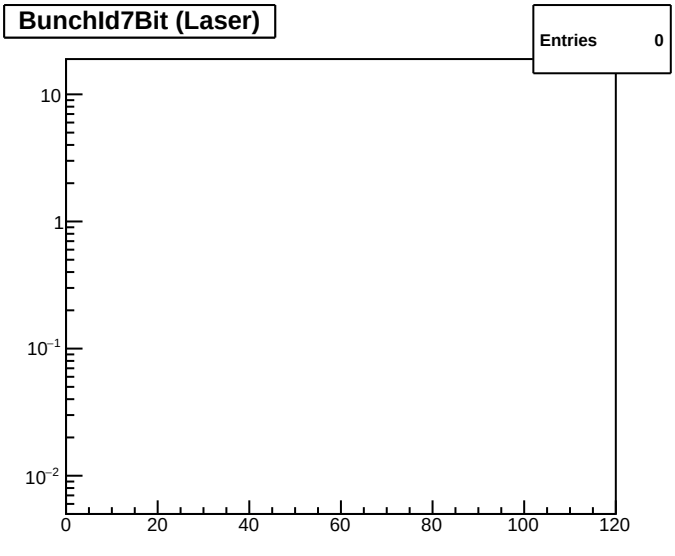
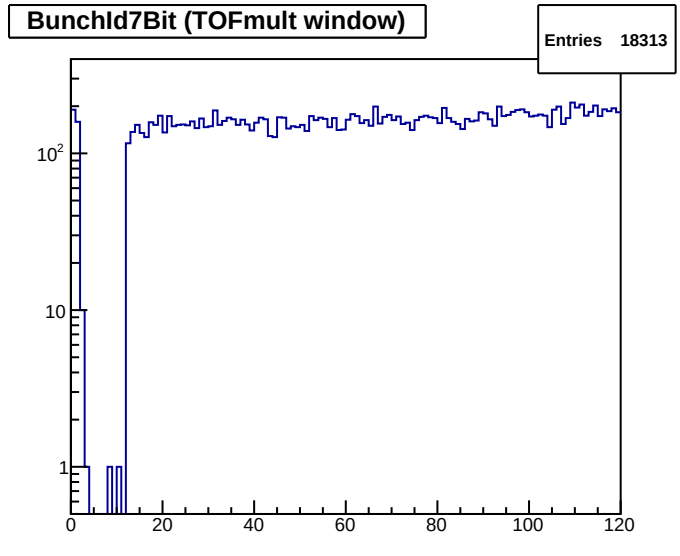

BunchId7Bit (VPD-TAC)
Entries 275227

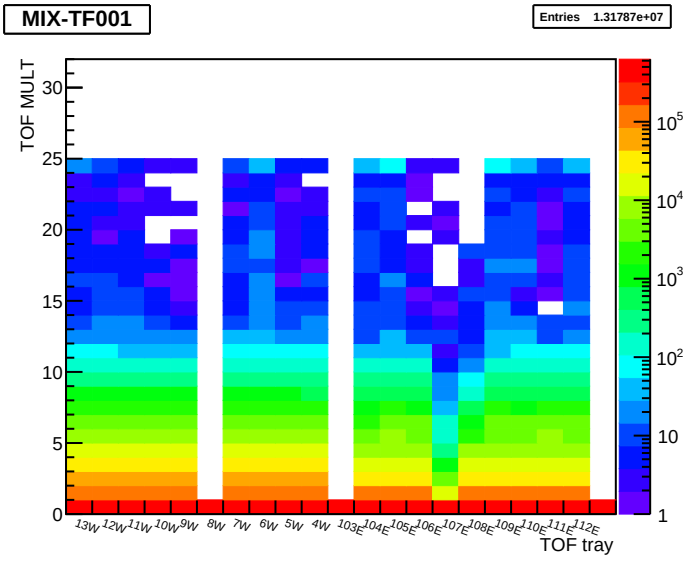

BunchId7Bit (ZDC-TAC)
Entries 907

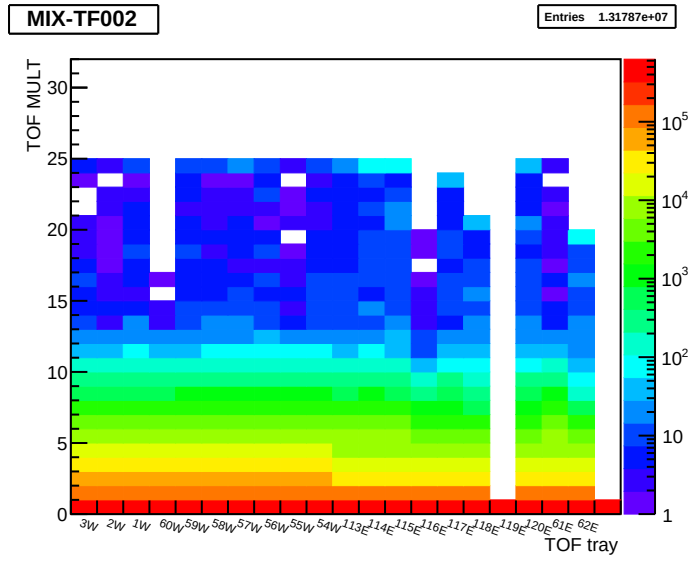

BunchId7Bit (EPD-TAC)
Entries 457725

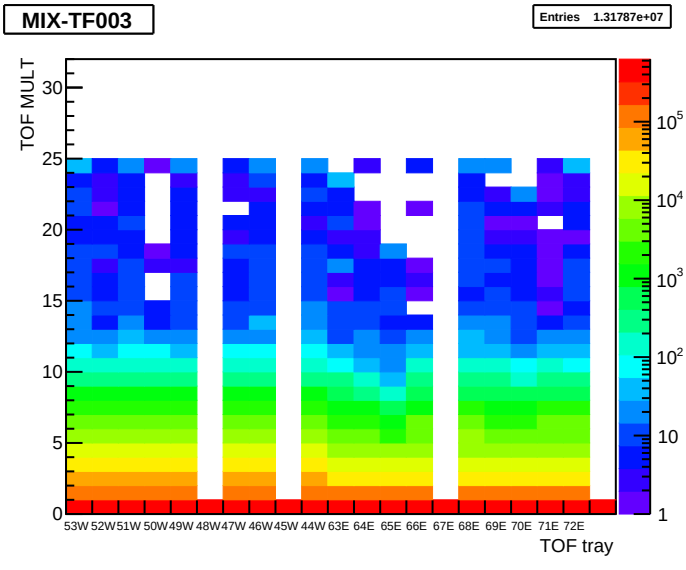

BunchId7Bit (BBC-TAC)
Entries 163257

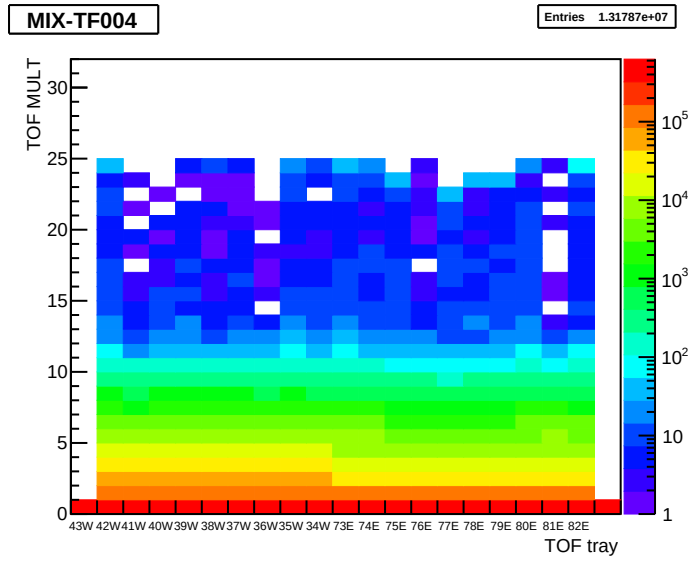

BunchId7Bit (Laser)
Entries 0

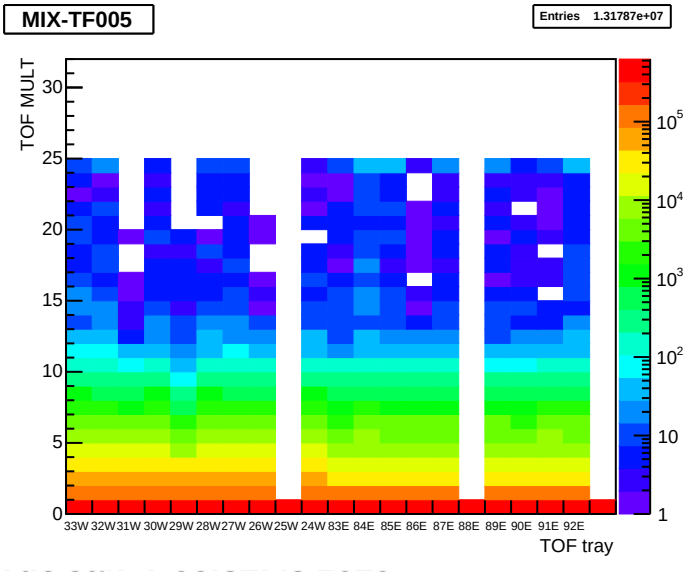

BunchId7Bit (TOFmult window)
Entries 18313

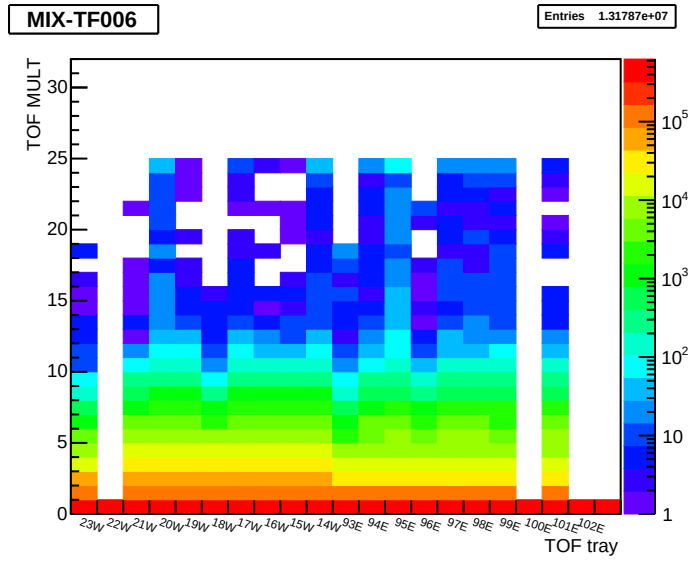

MIX-TF001
Entries 1.31787e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

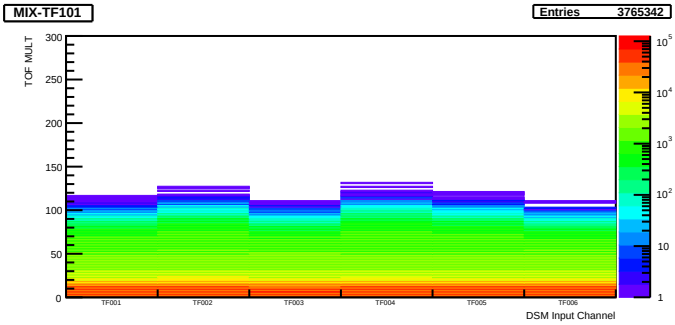

MIX-TF002
Entries 1.31787e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

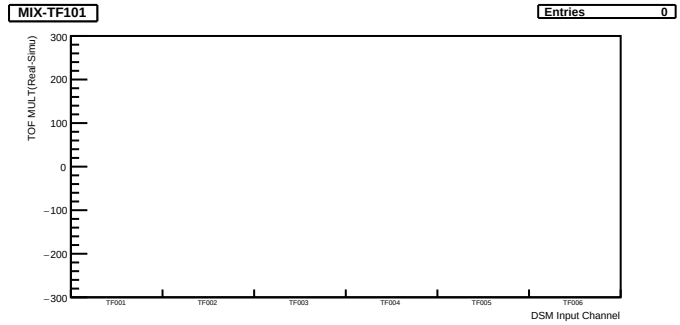

MIX-TF003
Entries 1.31787e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

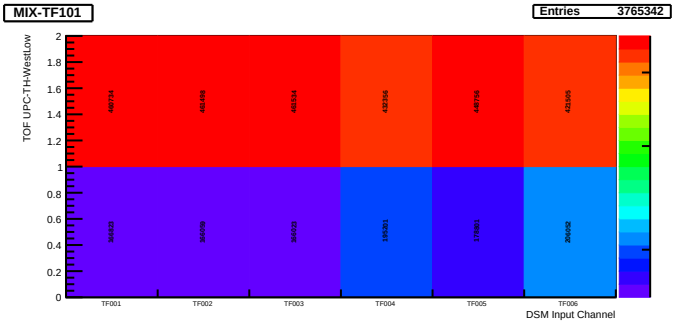

MIX-TF004
Entries 1.31787e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

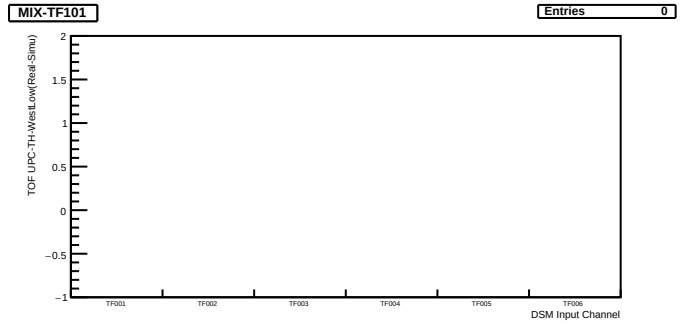

MIX-TF005
Entries 1.31787e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

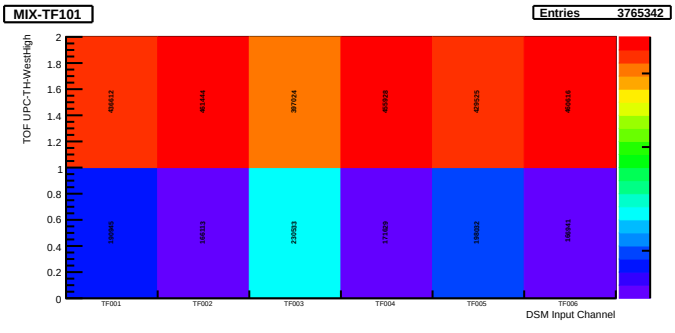

MIX-TF006
Entries 1.31787e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

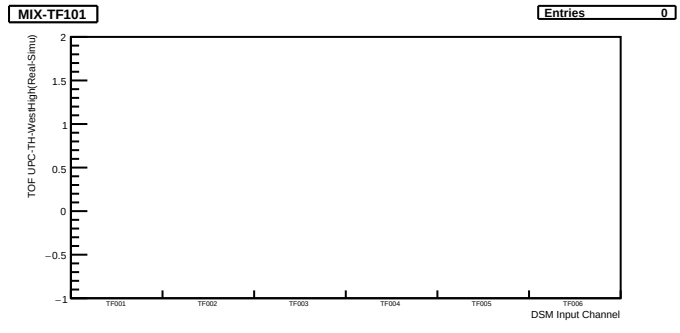

MIX-TF101
Entries 3765342
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

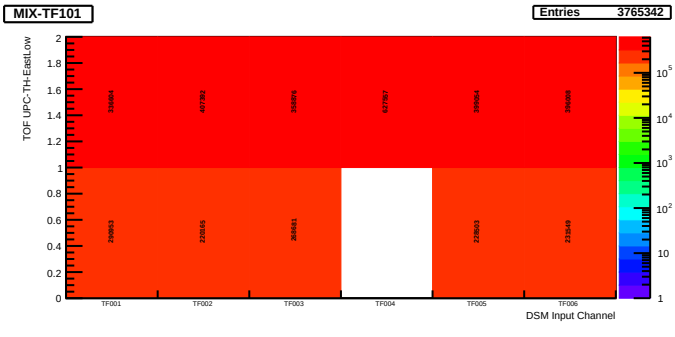

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

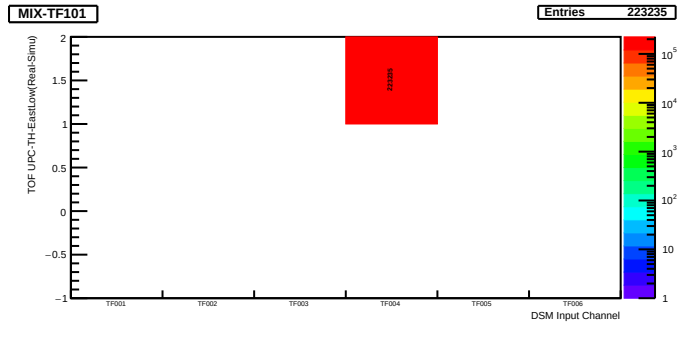

MIX-TF101
Entries 3765342
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

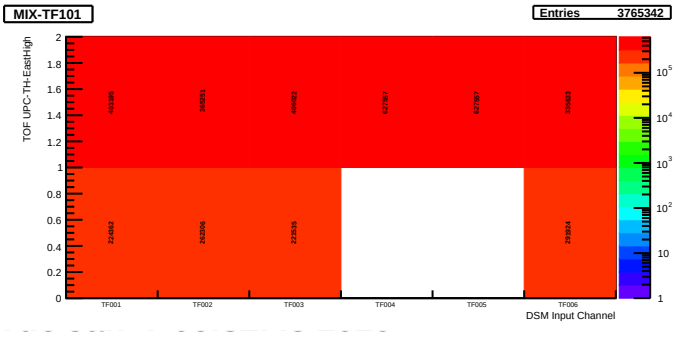

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

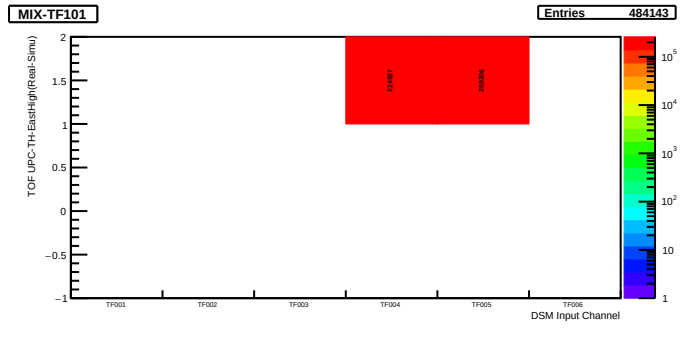

MIX-TF101
Entries 3765342
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

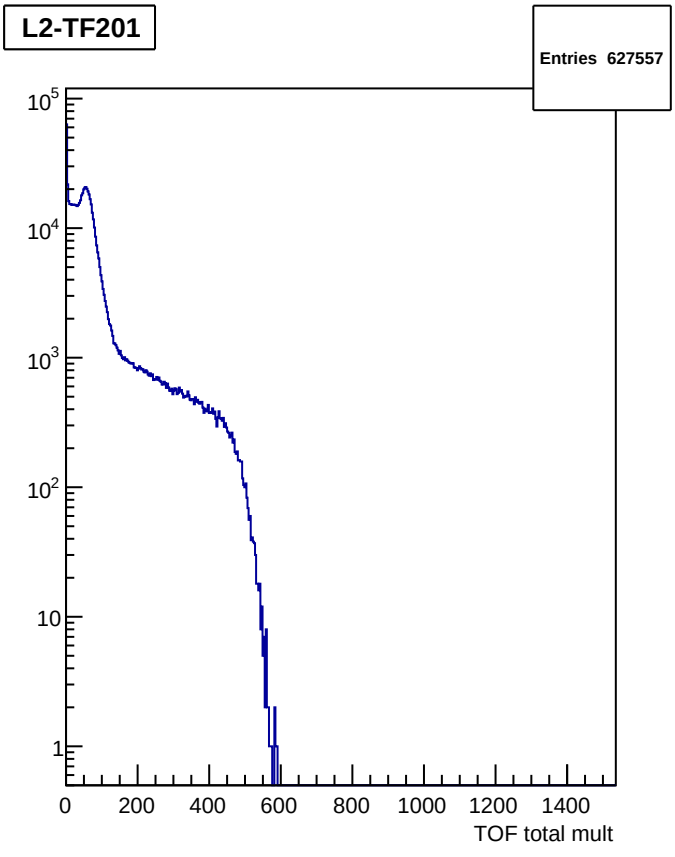

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

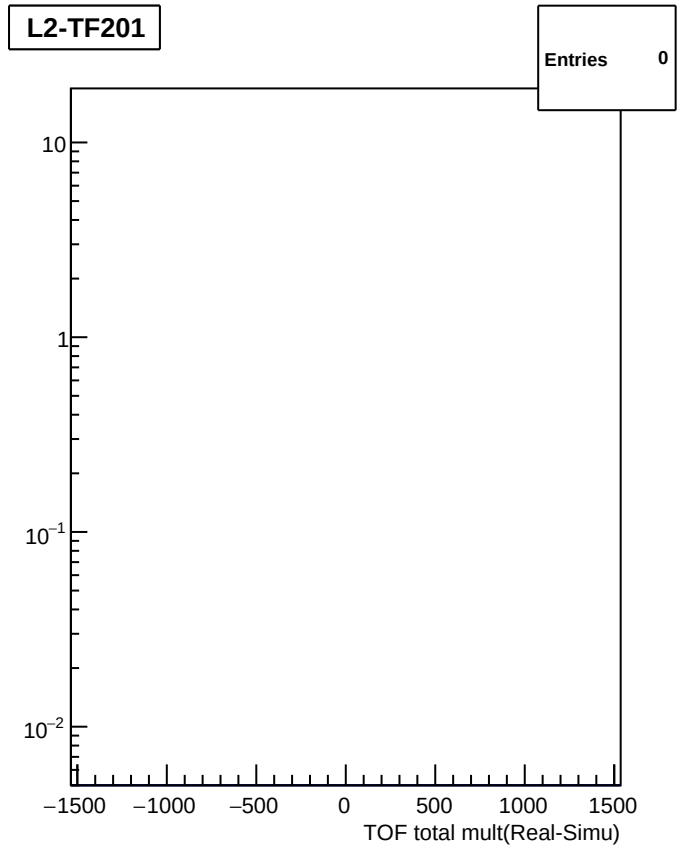

MIX-TF101
Entries 3765342
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

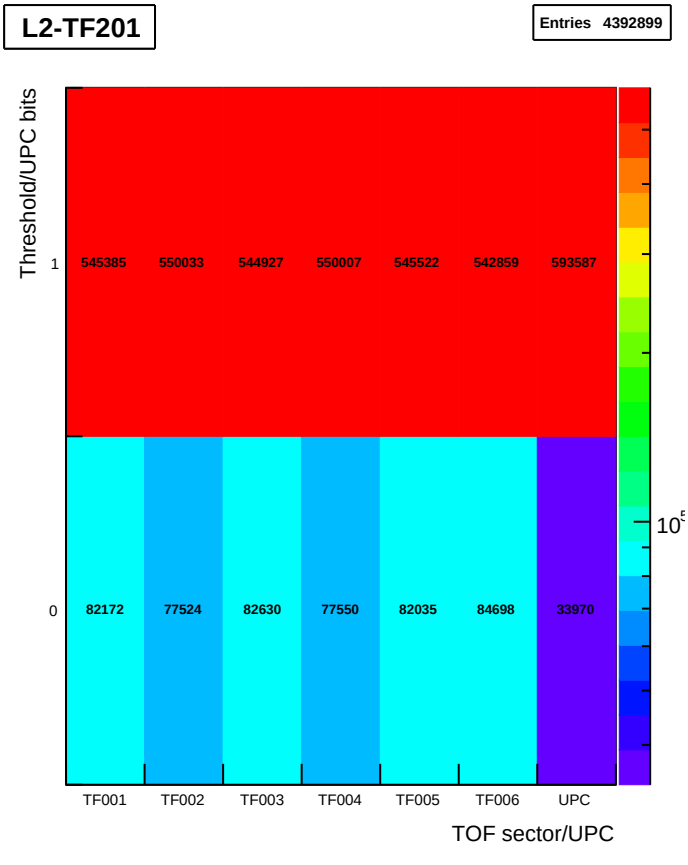

MIX-TF101
Entries 223235
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

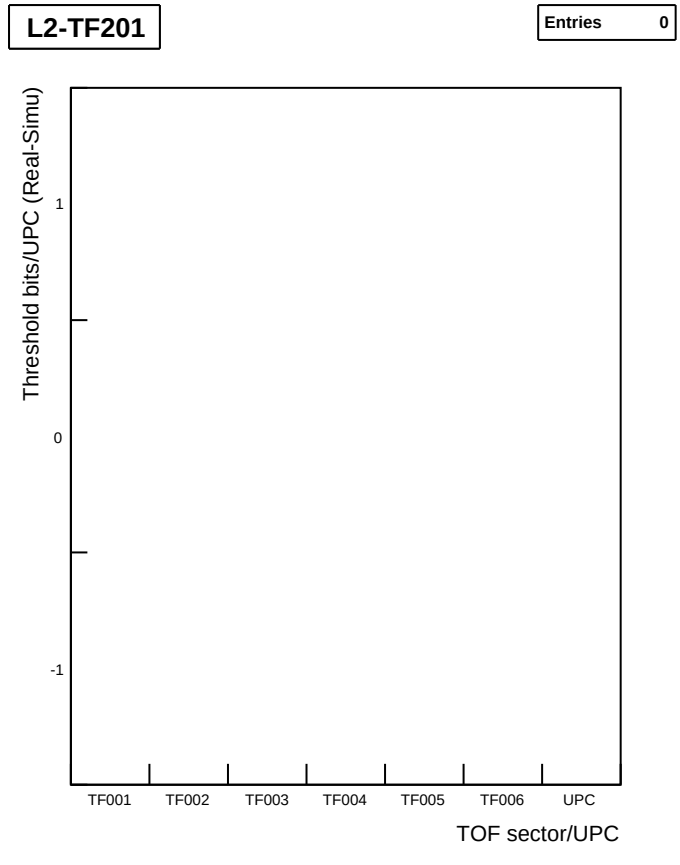

MIX-TF101
Entries 3765342
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

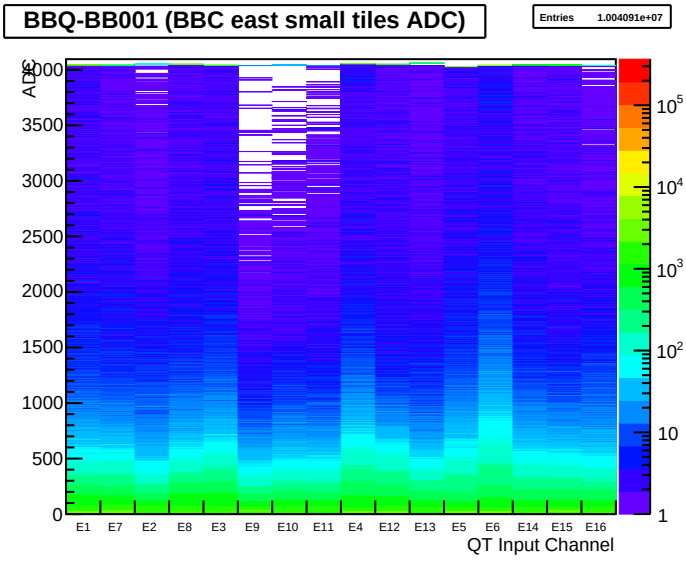

MIX-TF101
Entries 484143
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

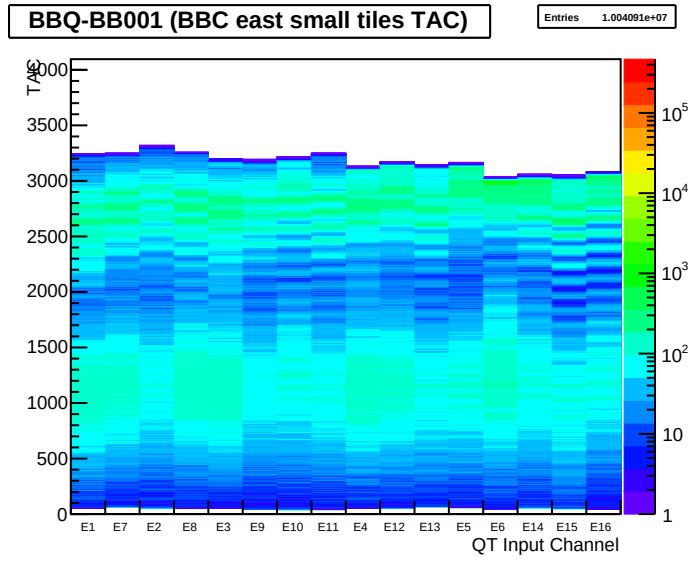

L2-TF201
Entries 627557
TOF total mult

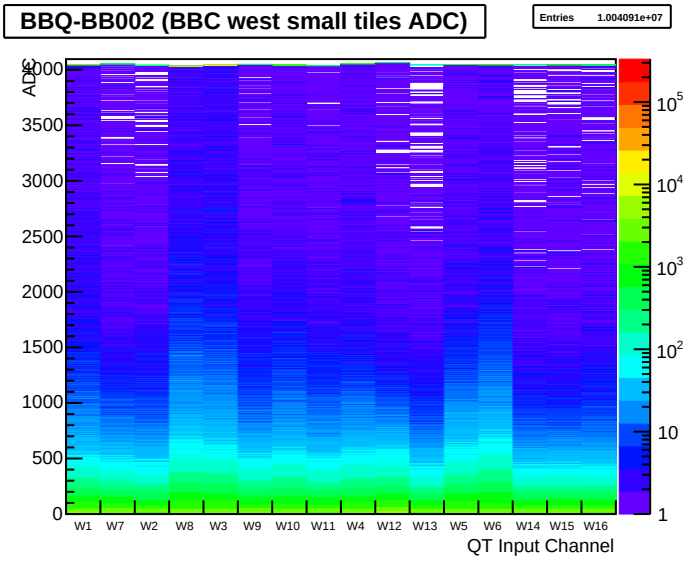

L2-TF201
Entries 0
TOF total mult(Real-Simu)

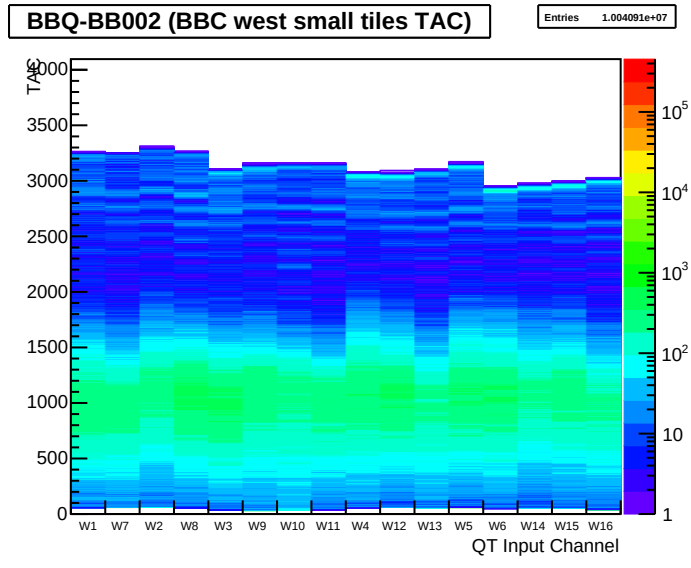

L2-TF201
Entries 4392899
Threshold/UPC bits
545385
550033
544927
550007
545522
542859
593587
82172
77524
82630
77550
82035
84698
33970
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

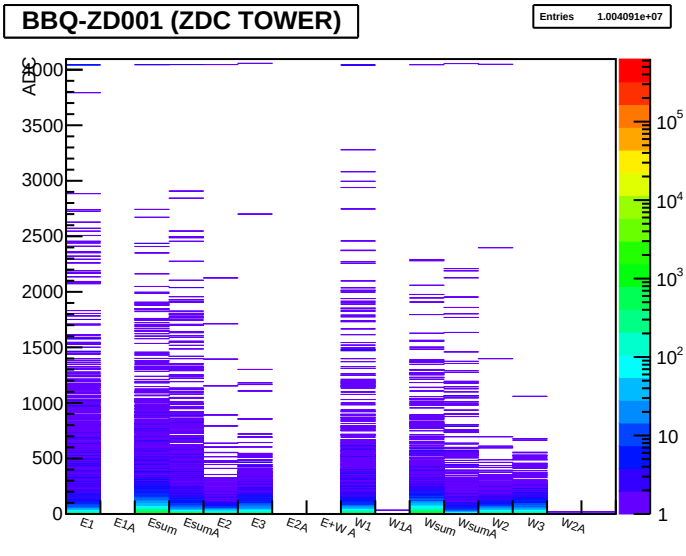

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

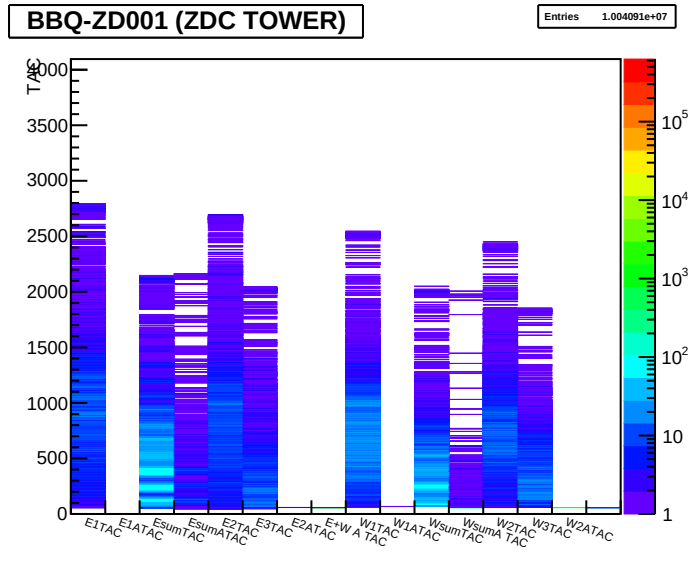

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.004091e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

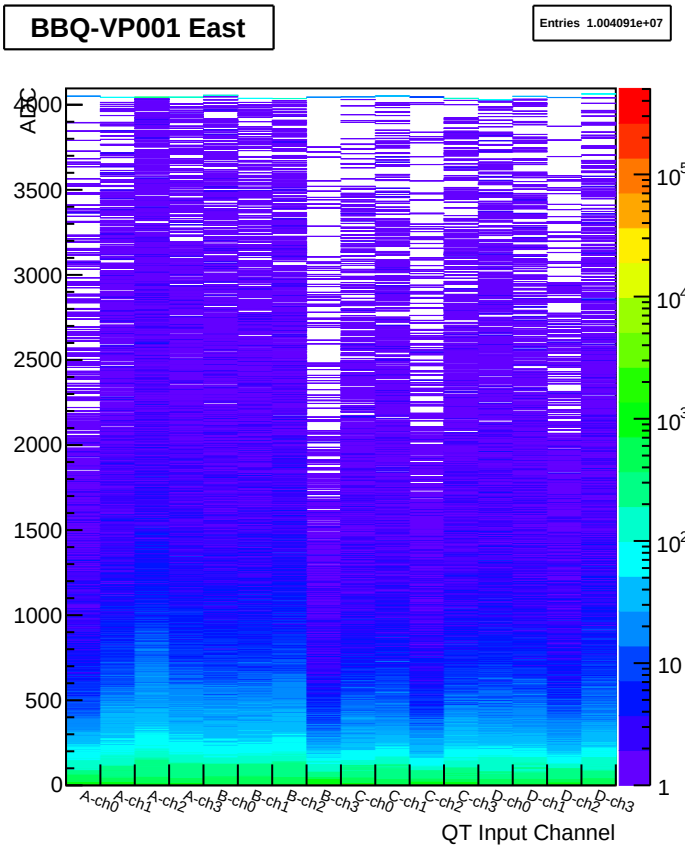

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.004091e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

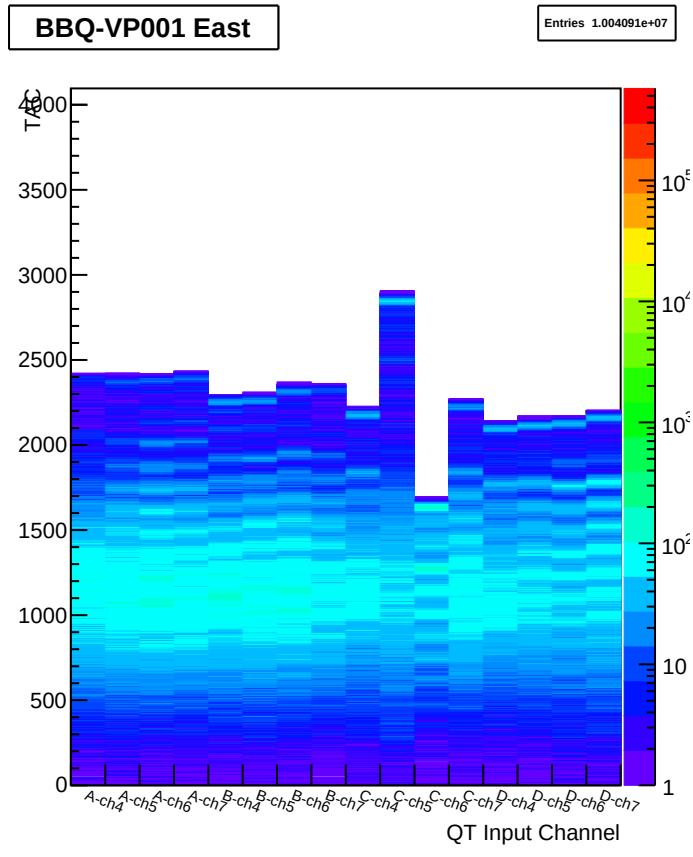

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.004091e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

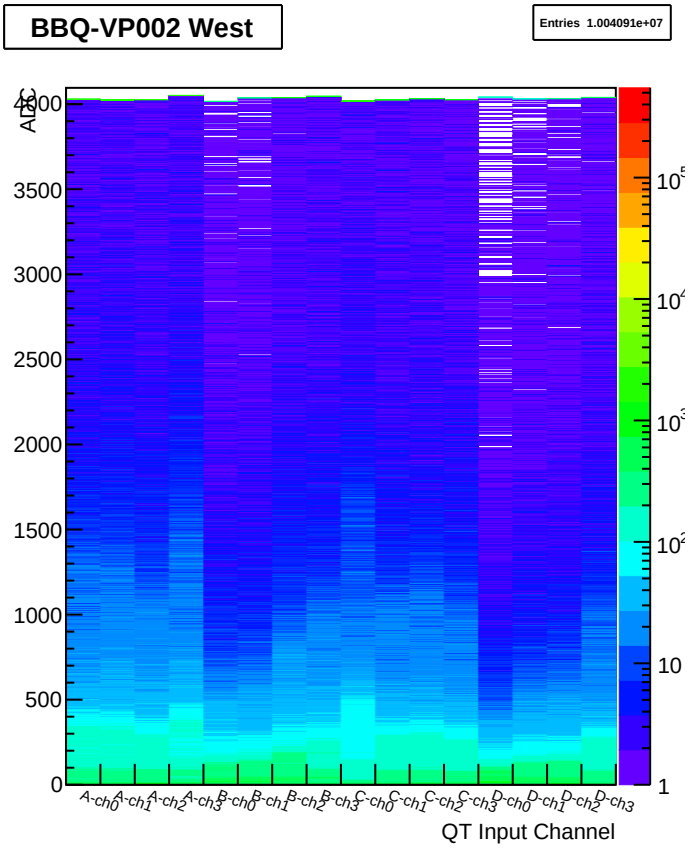

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.004091e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

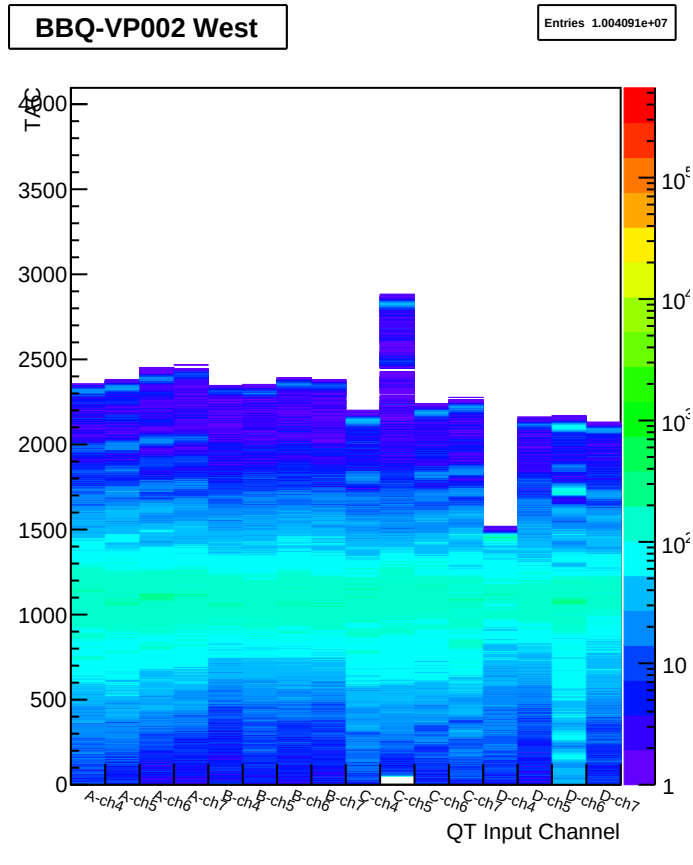

BBQ-ZD001 (ZDC TOWER)
Entries 1.004091e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

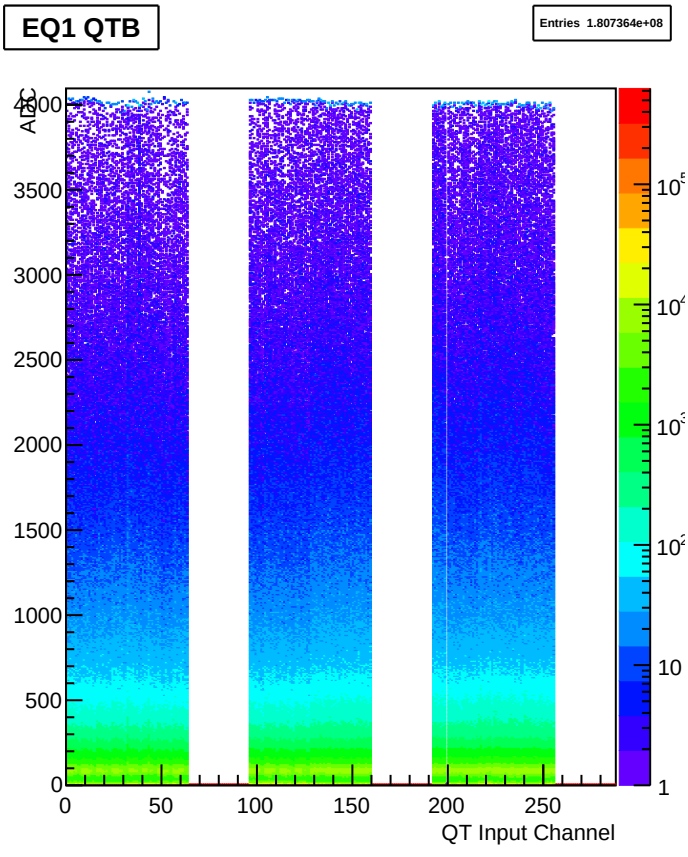

BBQ-ZD001 (ZDC TOWER)
Entries 1.004091e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

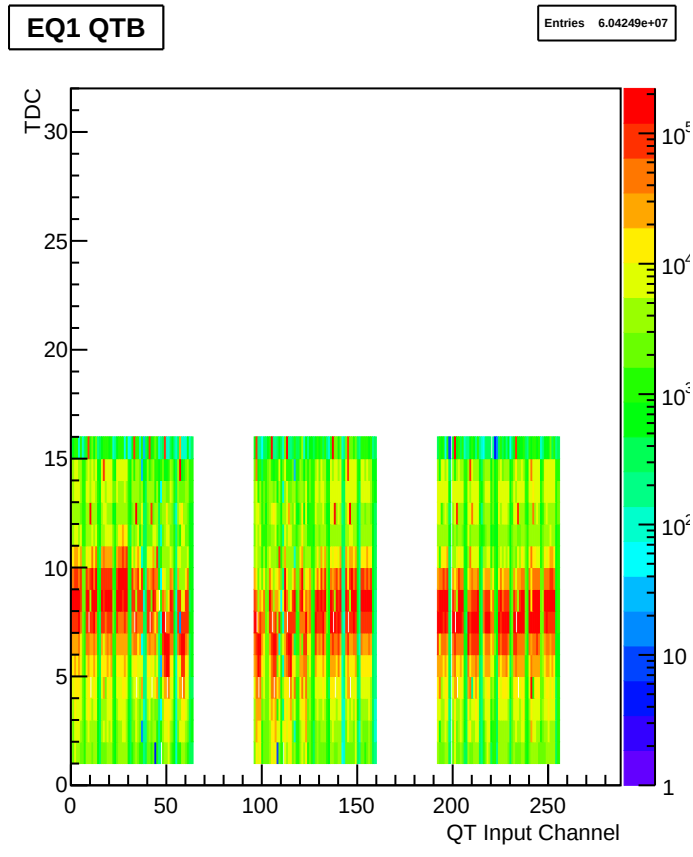

BBQ-VP001 East
Entries 1.004091e+07
ADC
QT Input Channel

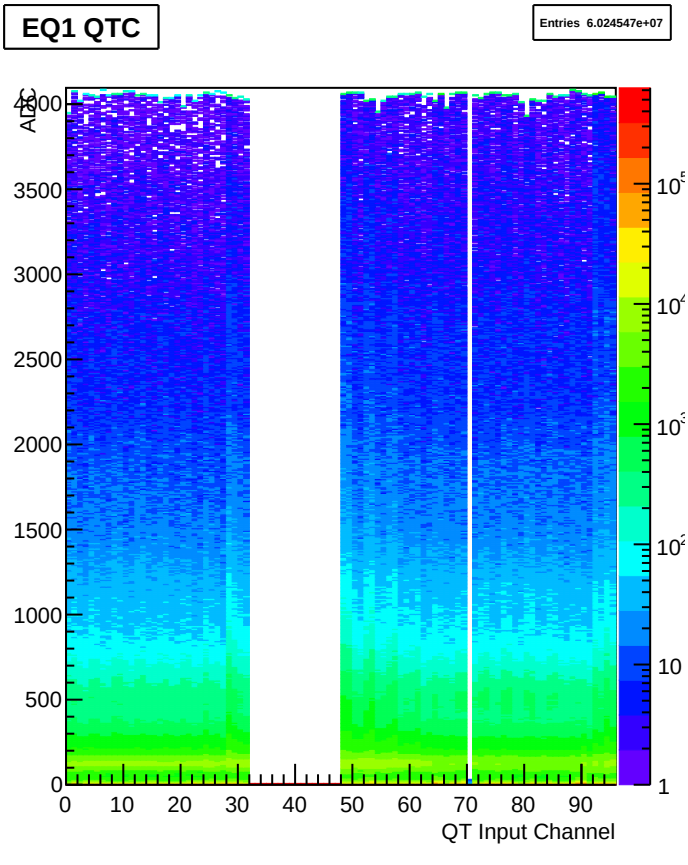

BBQ-VP001 East
Entries 1.004091e+07
TADC
QT Input Channel

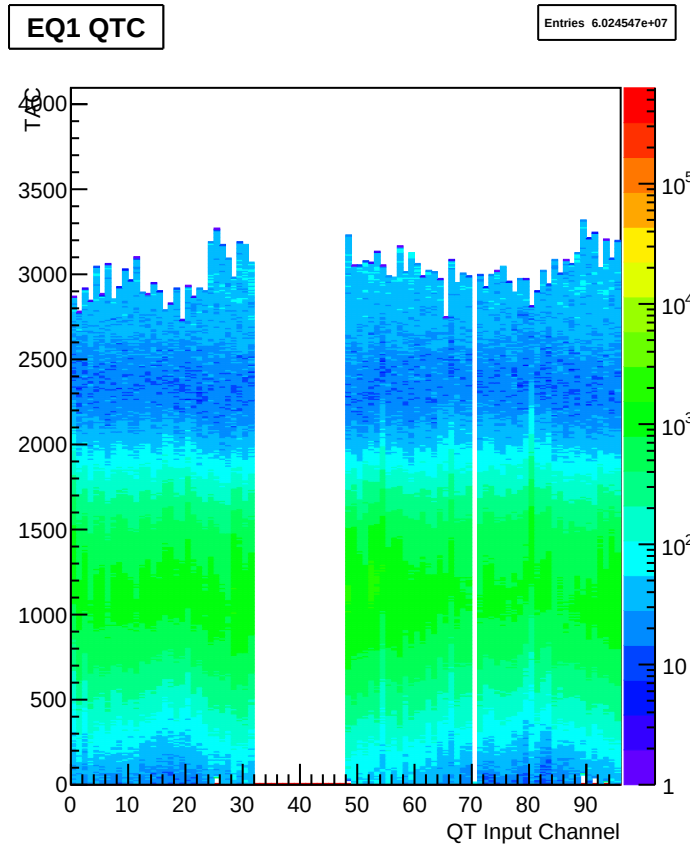

BBQ-VP002 West
Entries 1.004091e+07
ADC
QT Input Channel

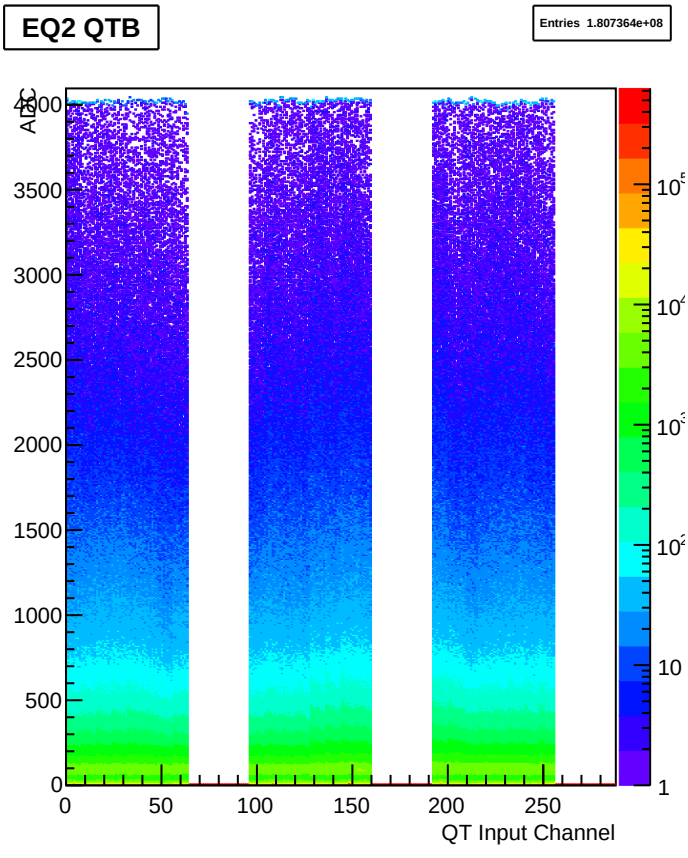

BBQ-VP002 West
Entries 1.004091e+07
TADC
QT Input Channel

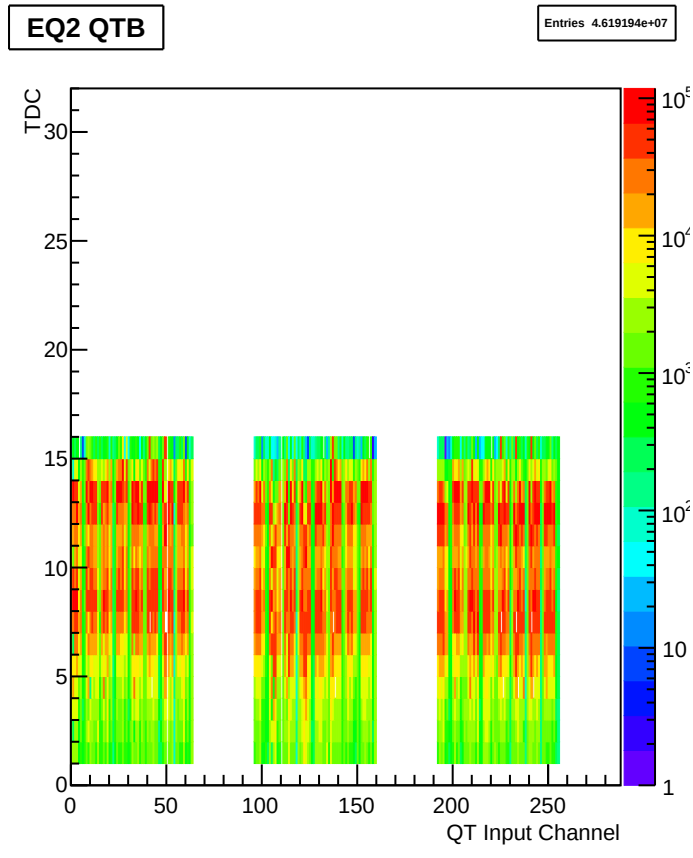

EQ1 QTB
Entries 1.807364e+08
ADC
QT Input Channel

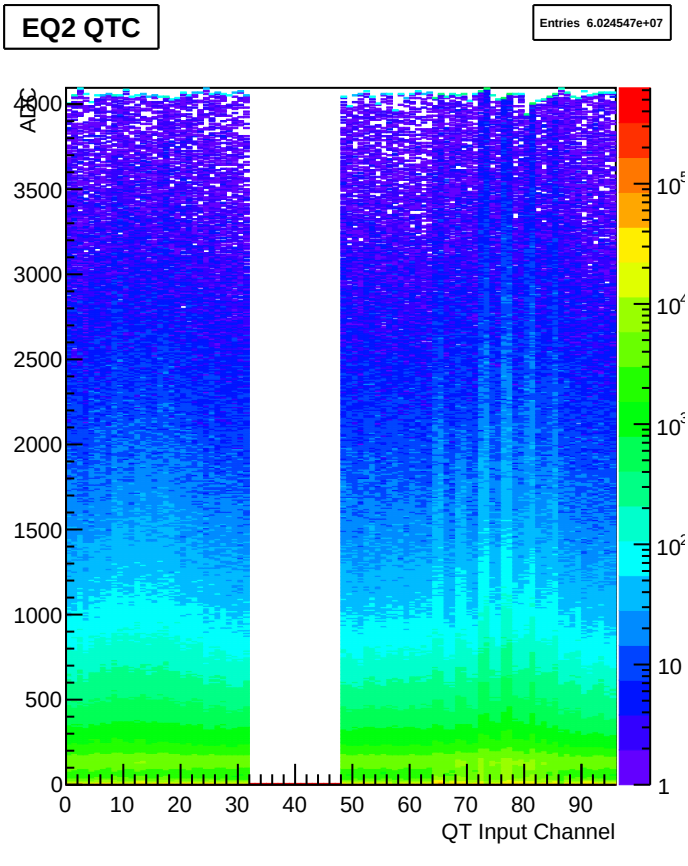

EQ1 QTB
Entries 6.04249e+07
TDC
QT Input Channel

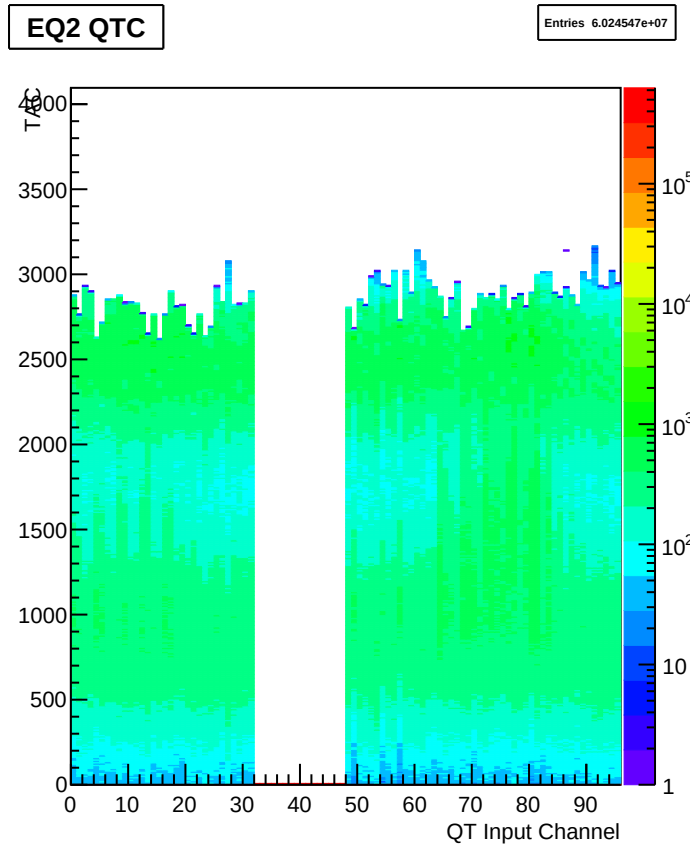

EQ1 QTC
Entries 6.024547e+07
ADC
QT Input Channel

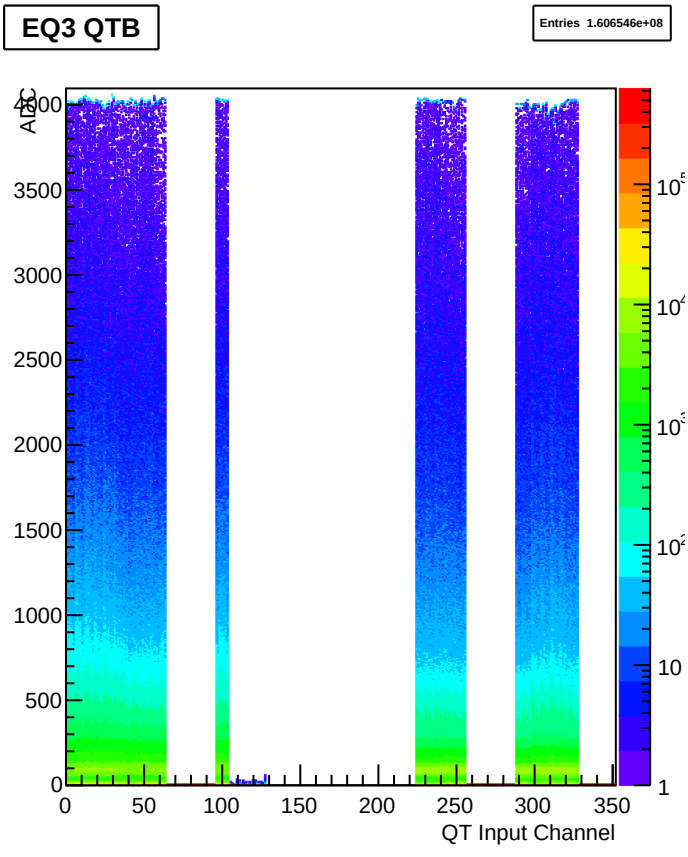

EQ1 QTC
Entries 6.024547e+07
TADC
QT Input Channel

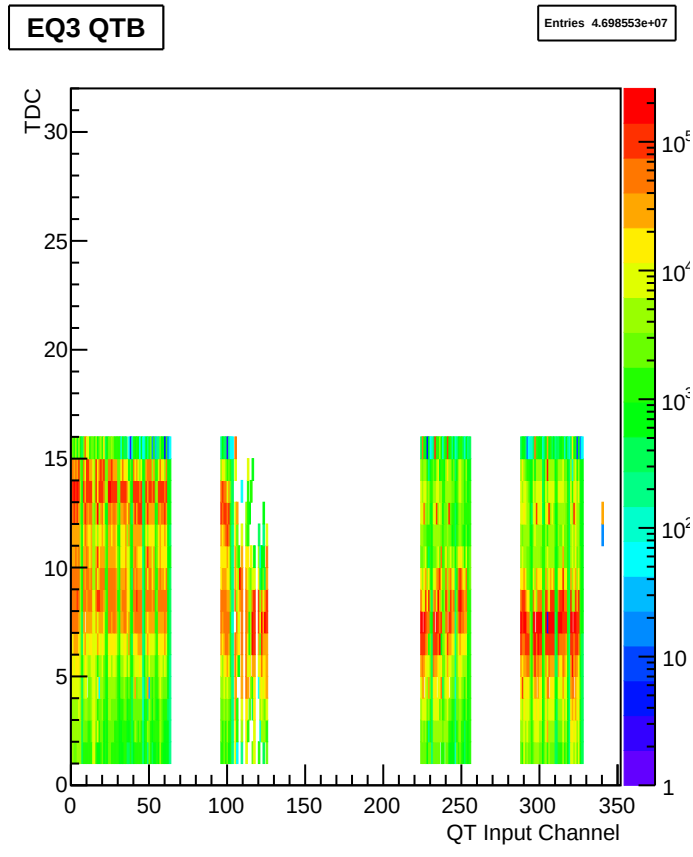

EQ2 QTB
Entries 1.807364e+08
ADC
QT Input Channel

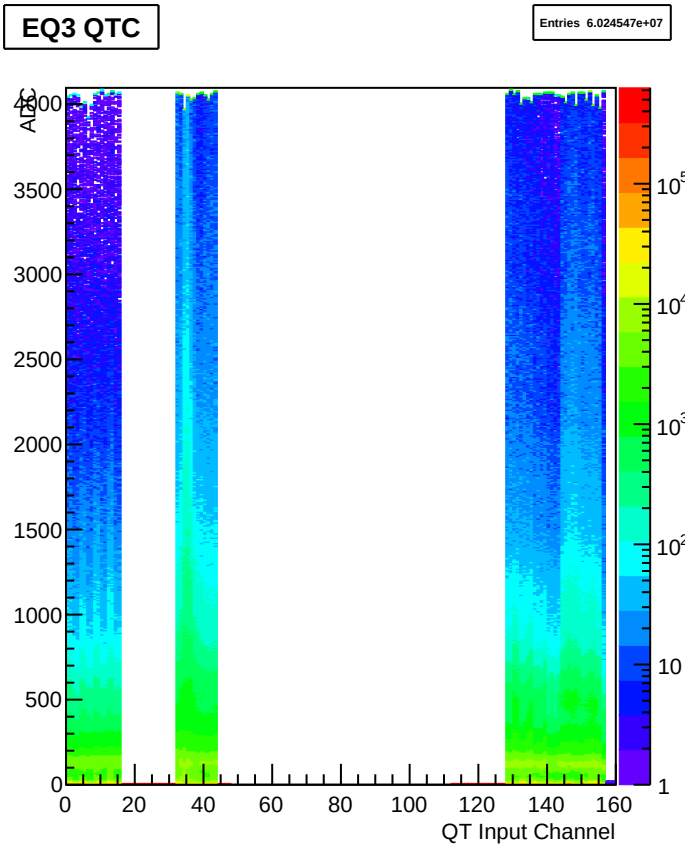

EQ2 QTB
Entries 4.619194e+07
TDC
QT Input Channel

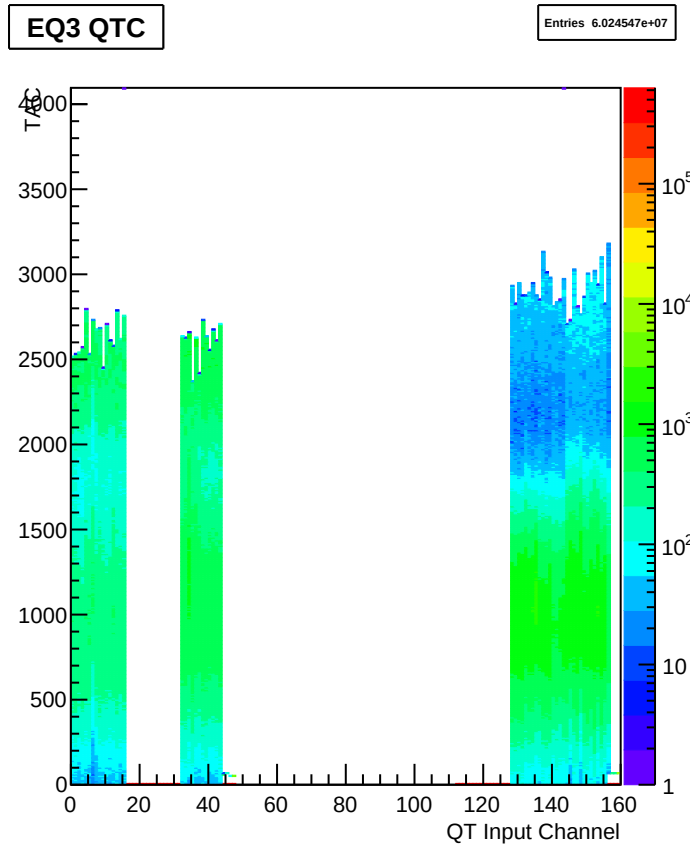

EQ2 QTC
Entries 6.024547e+07
ADC
QT Input Channel

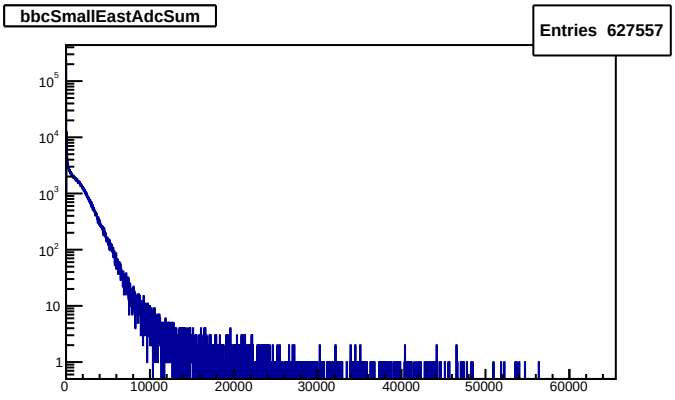

EQ2 QTC
Entries 6.024547e+07
TADC
QT Input Channel

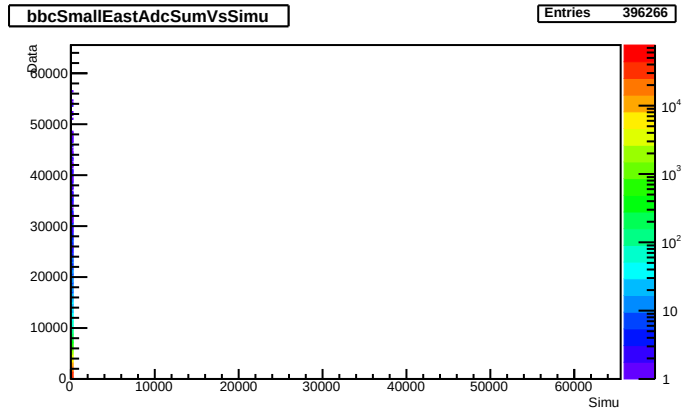

EQ3 QTB
Entries 1.606546e+08
ADC
QT Input Channel

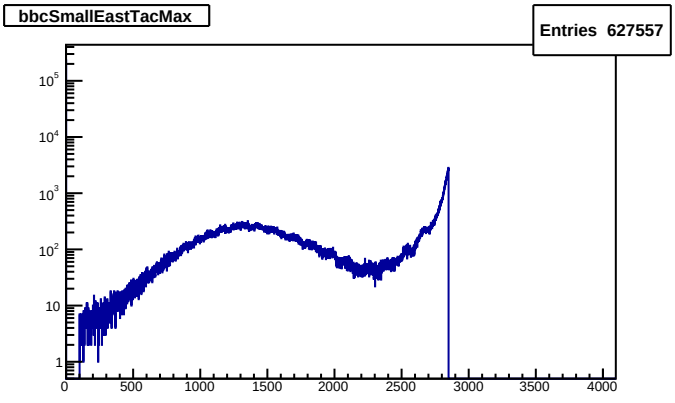

EQ3 QTB
Entries 4.698553e+07
TDC
QT Input Channel

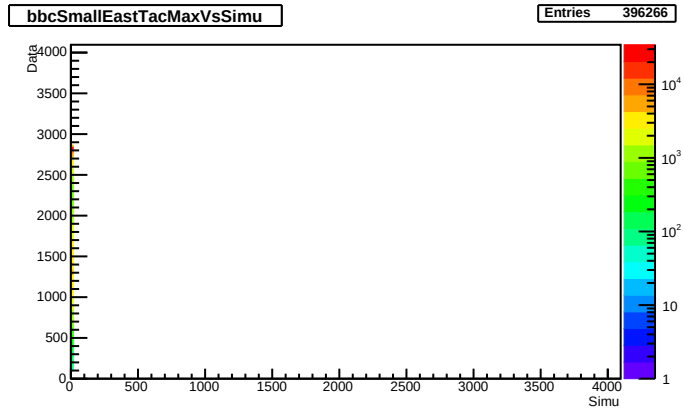

EQ3 QTC
Entries 6.024547e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.024547e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 627557


bbcSmallEastAdcSumVsSimu
Entries 396266
Data
Simu


bbcSmallEastTacMax
Entries 627557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Entries 396266
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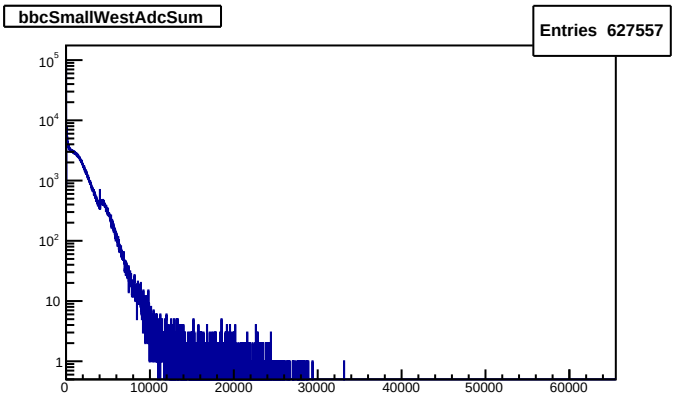
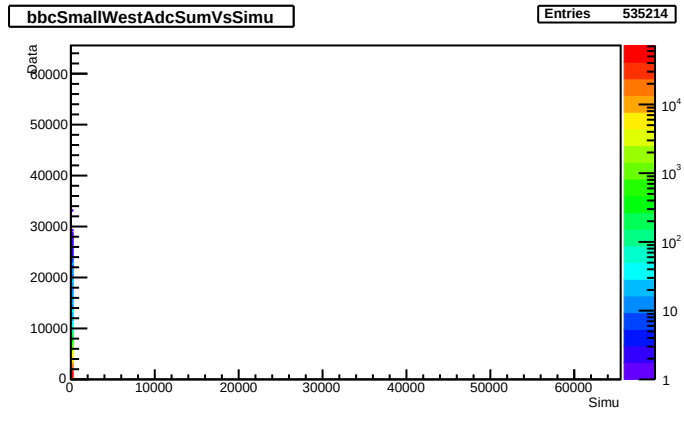
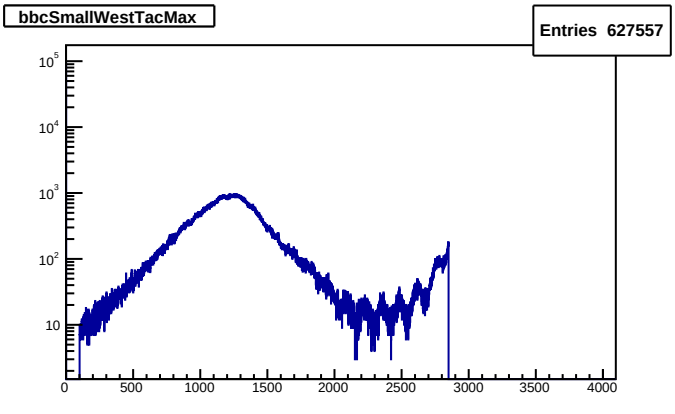

bbcSmallWestAdcSum
Entries 627557


bbcSmallWestAdcSumVsSimu
Entries 535214
Data
Simu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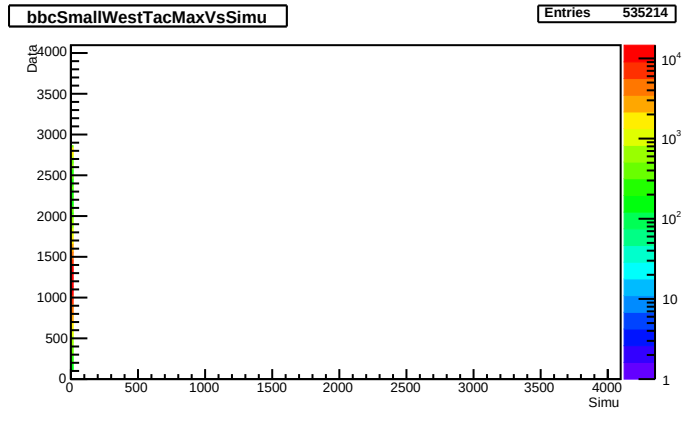
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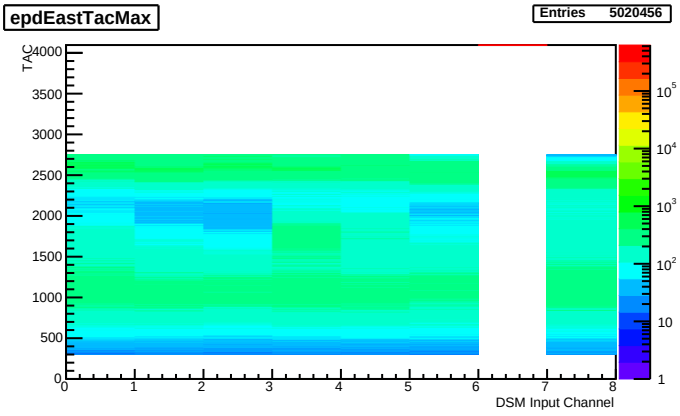
Entries 535214
Data
Simu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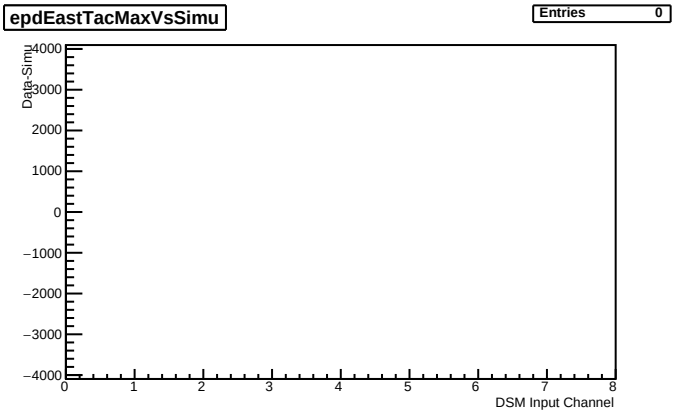
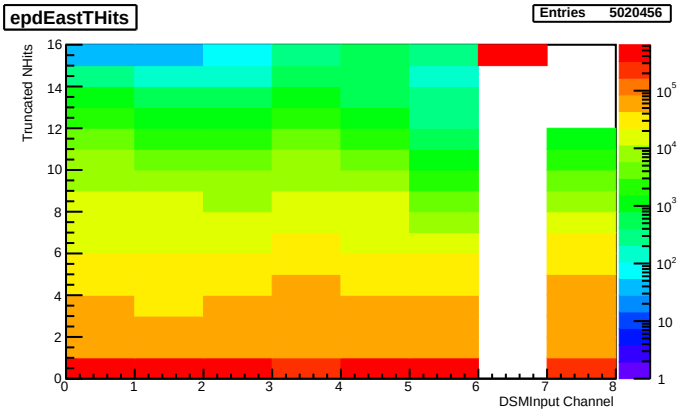
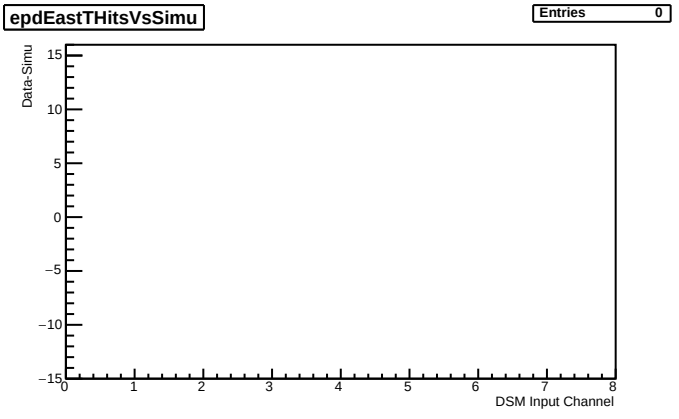
Entries 5020456
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5020456
Truncated NHits
DSMInput Channel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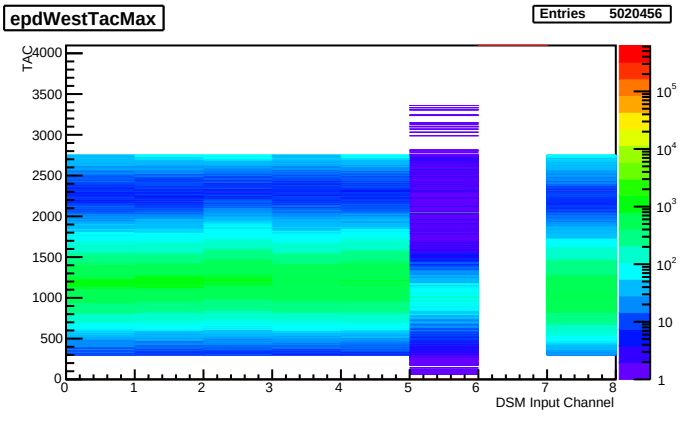
Data-Simu
DSM Input Channel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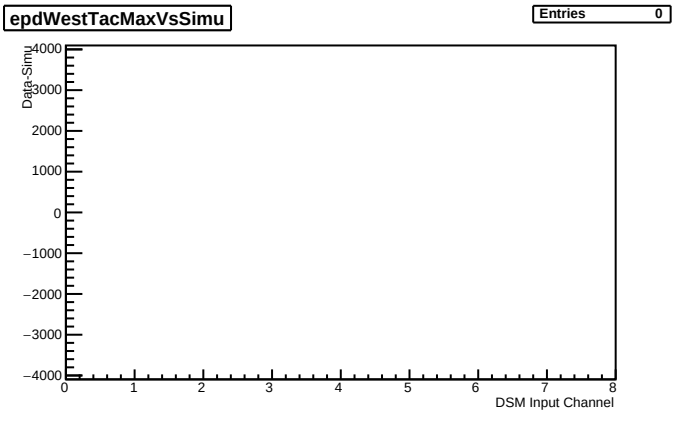
Entries 5020456
TAC
DSM Input Channel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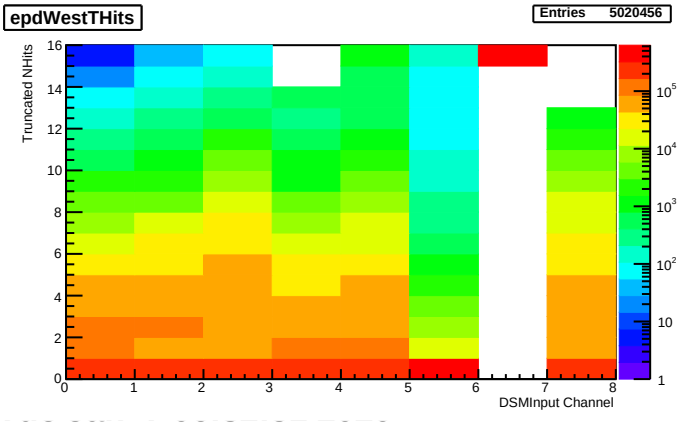
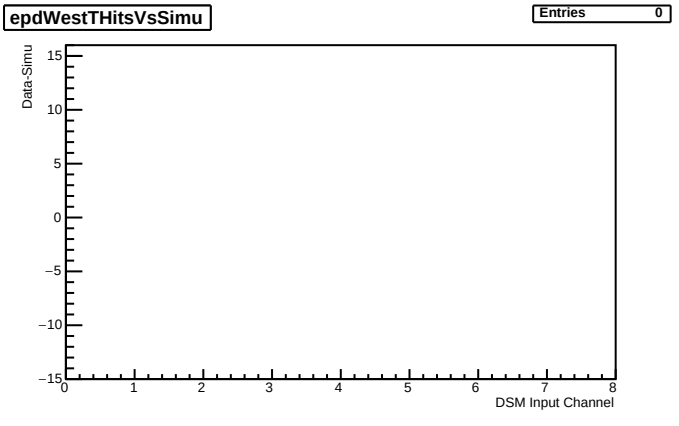
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5020456
Truncated NHits
DSMInput Channel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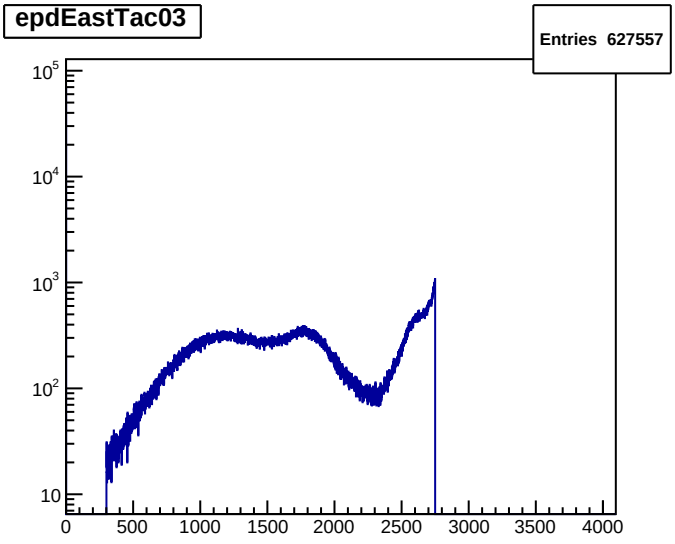
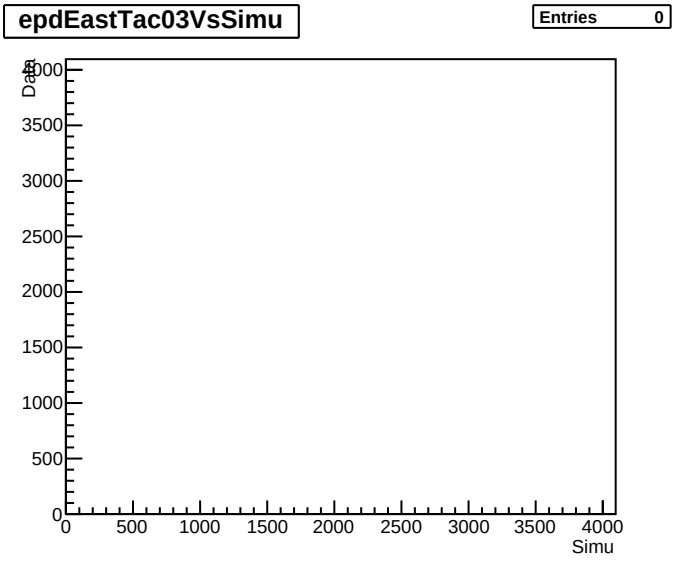
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 627557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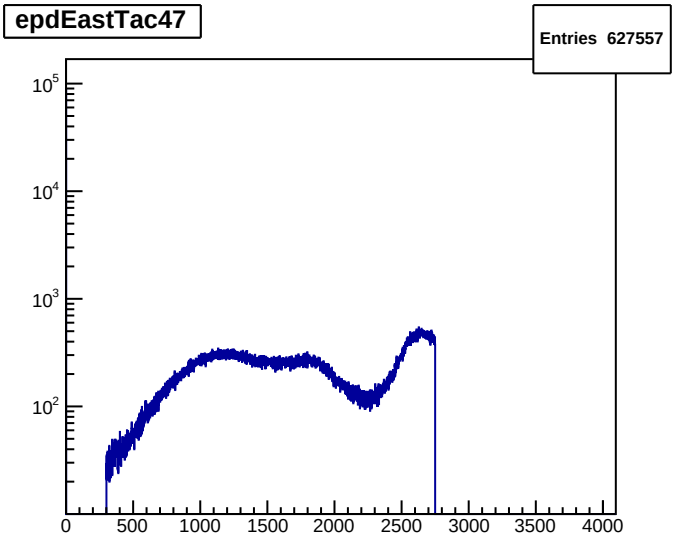
Entries 0
Data
Simu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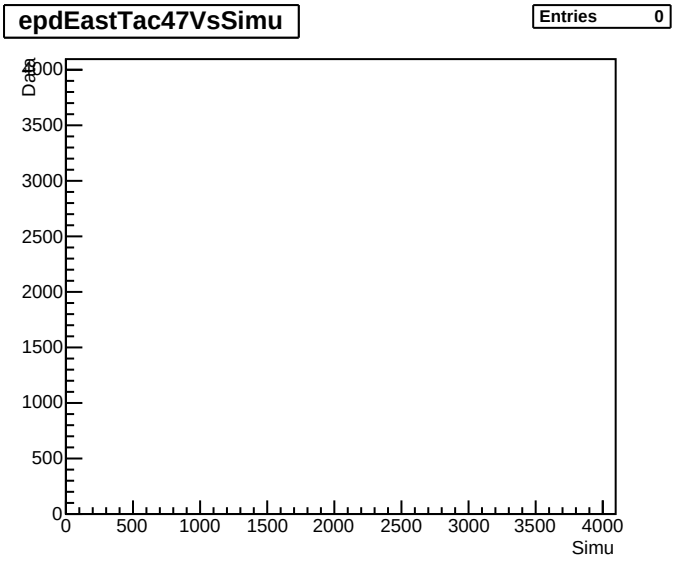
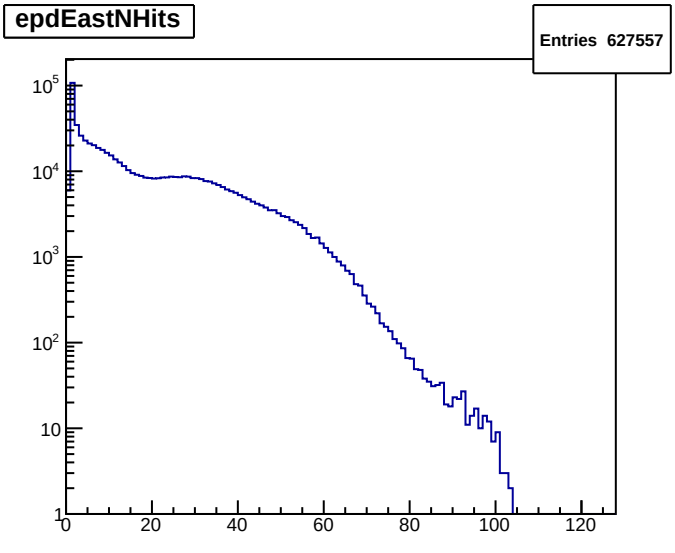
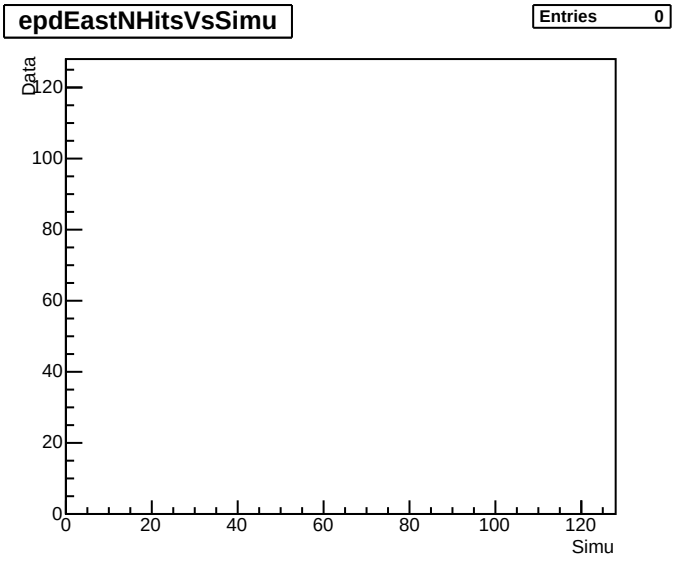
Entries 627557


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 627557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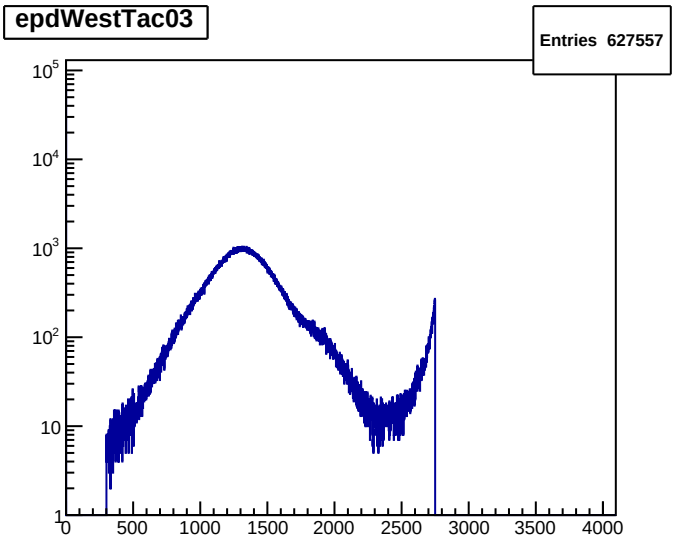
Entries 0
Data
Simu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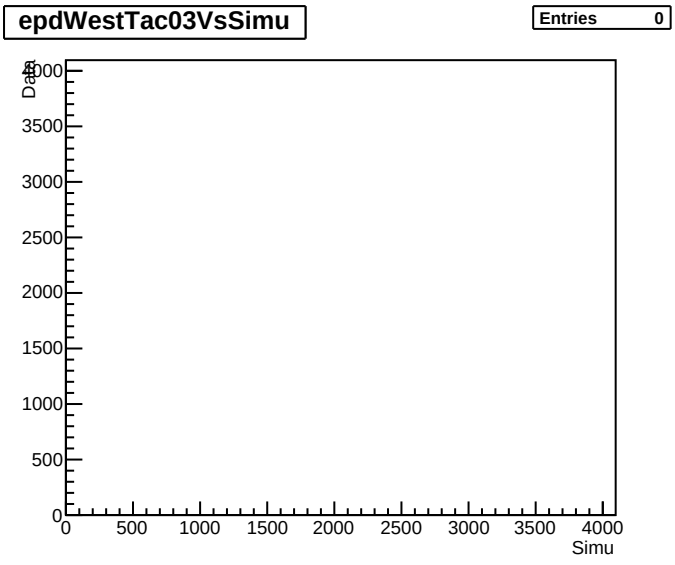
Entries 627557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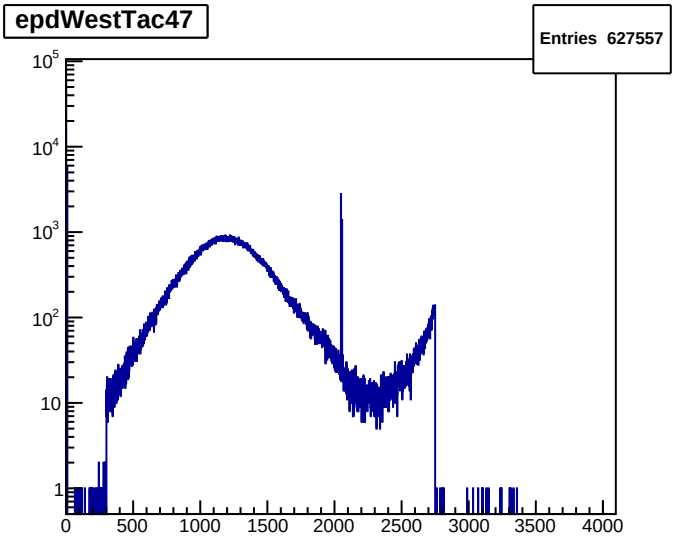
Entries 0
Data
Simu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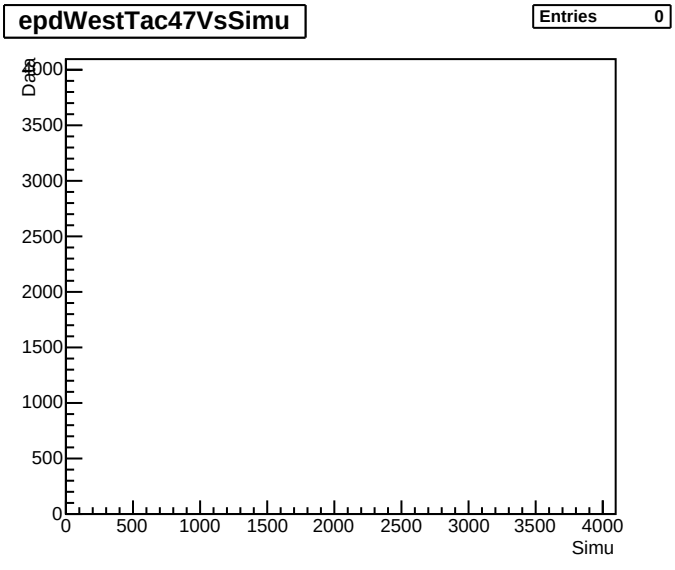
Entries 627557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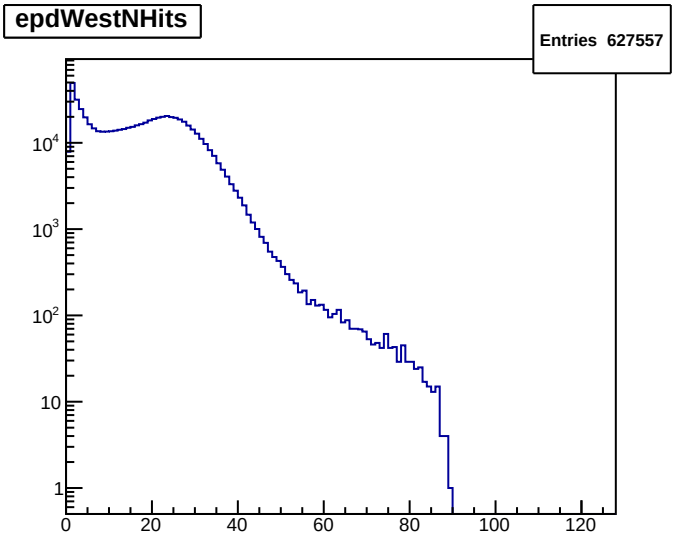
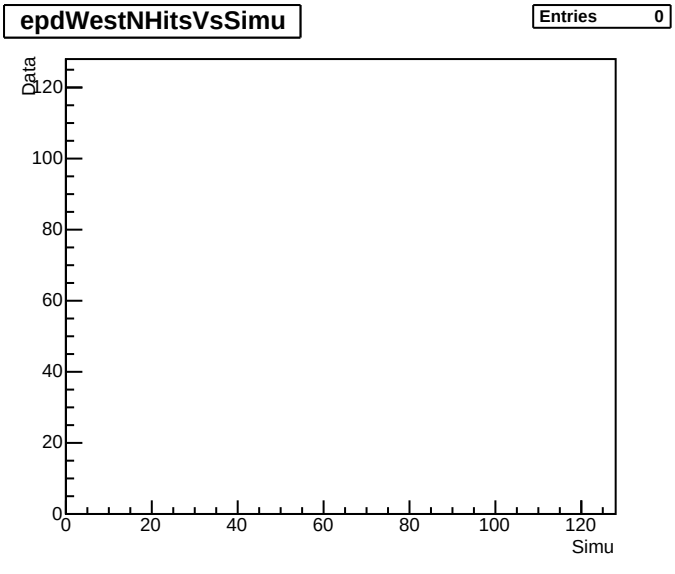
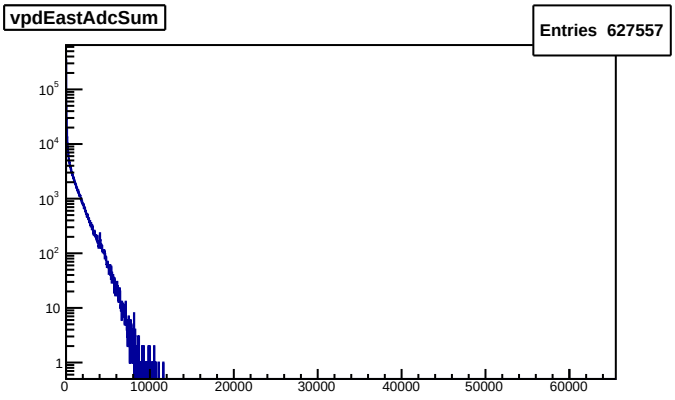
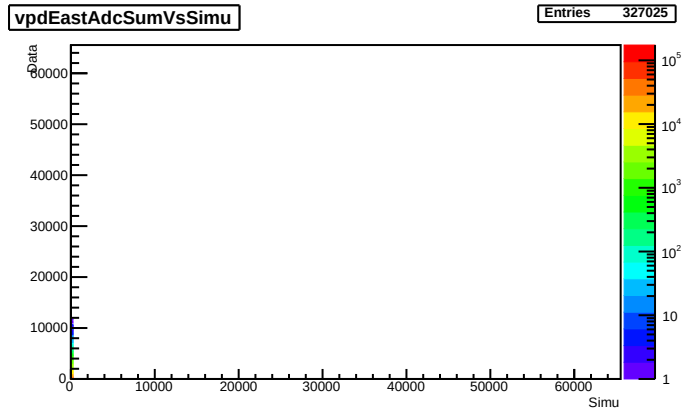
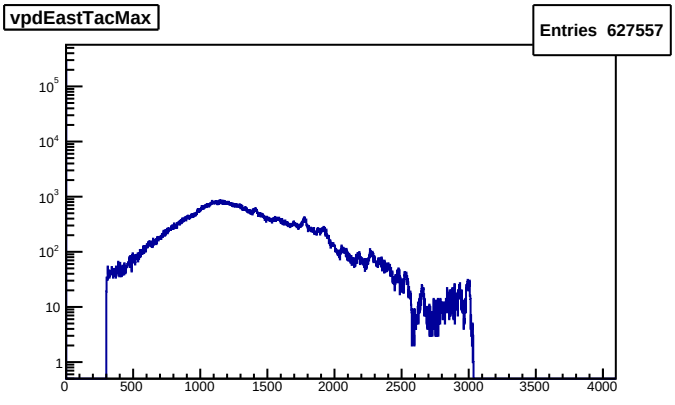
Entries 0
Data
Simu

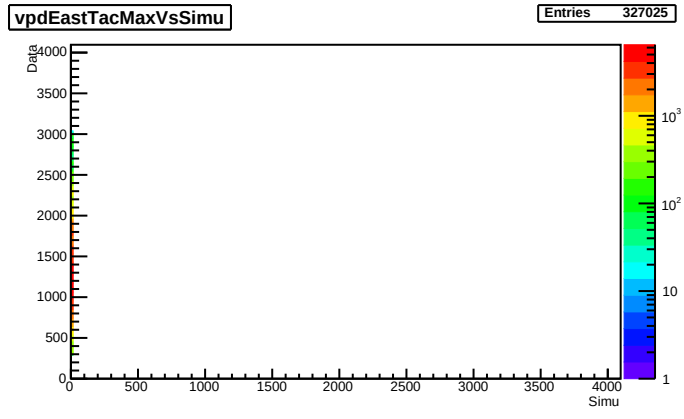

epdWestNHits
Entries 627557

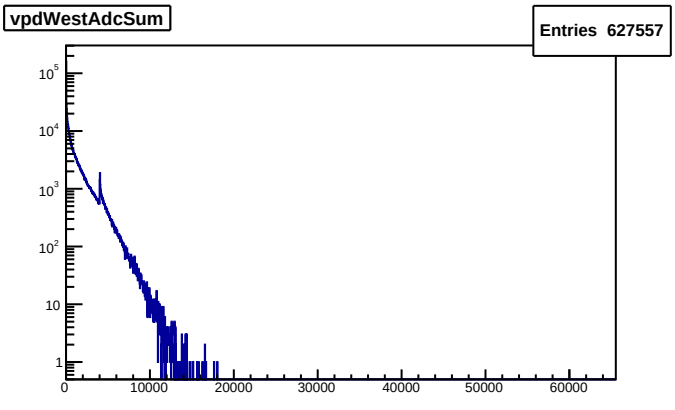

epdWestNHitsVsSimu
Entries 0
Data
Simu

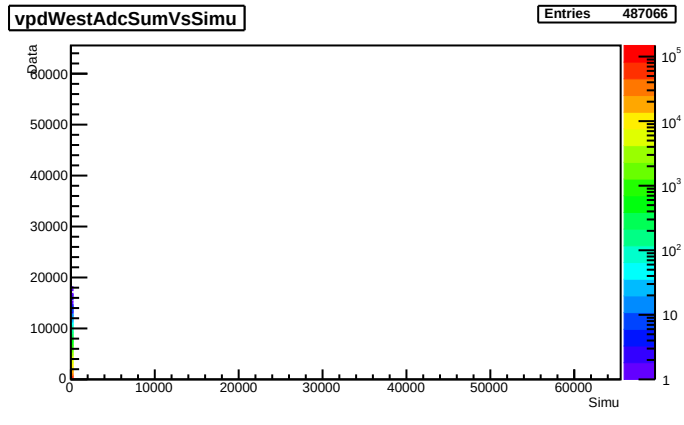

vpdEastAdcSum
Entries 627557


vpdEastAdcSumVsSimu
Entries 327025
Data
Simu


vpdEastTacMax
Entries 627557


vpdEastTacMaxVsSimu
Entries 327025
Data
Simu


vpdWestAdcSum
Entries 627557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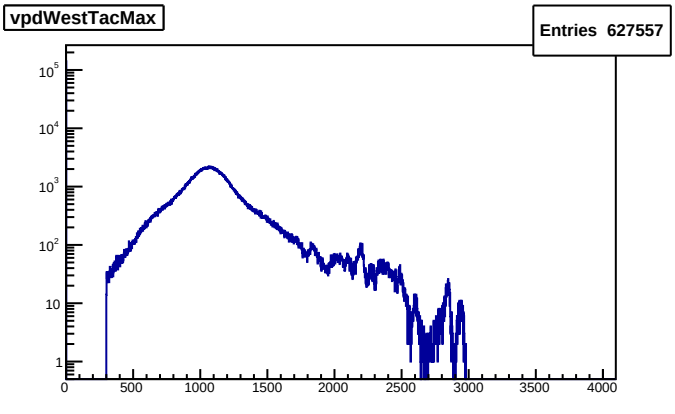
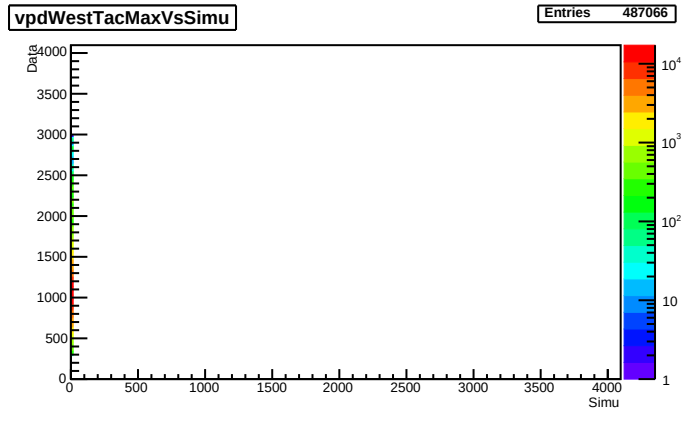
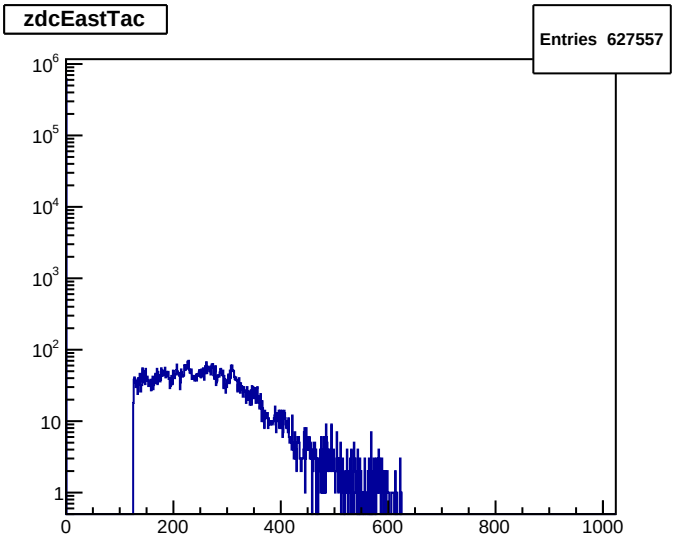
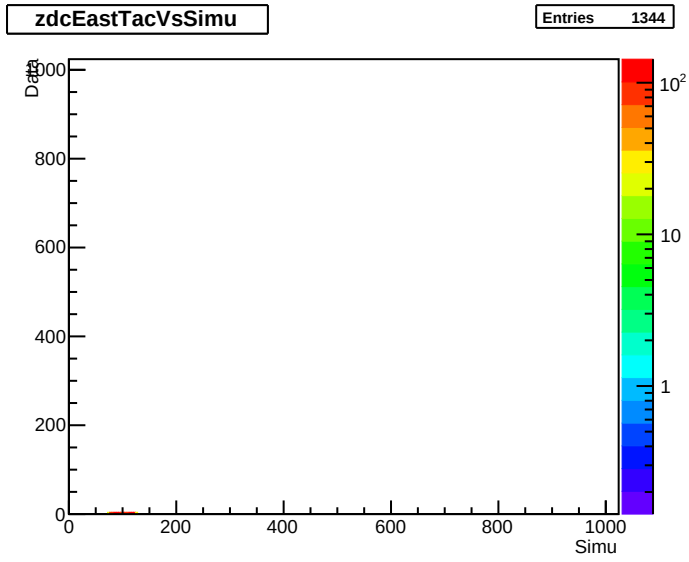
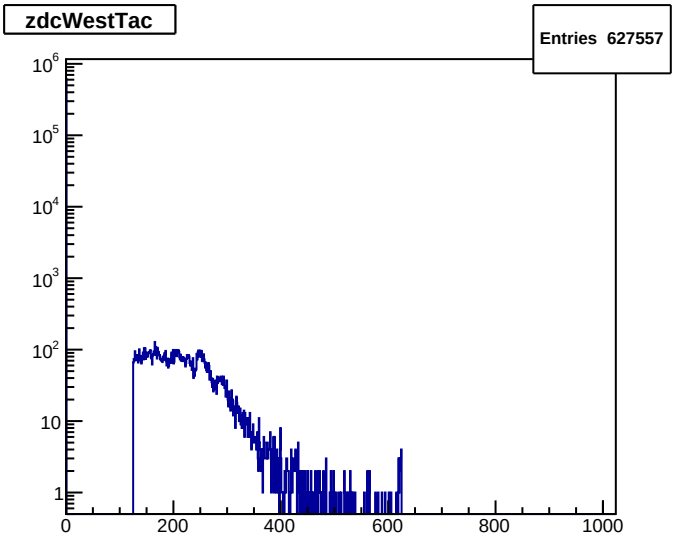
Entries 487066
Data
Simu

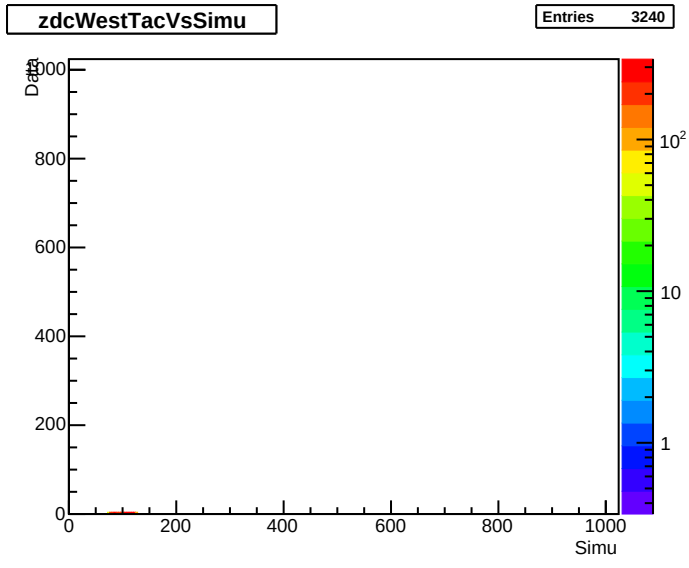

vpdWestTacMax
Entries 627557

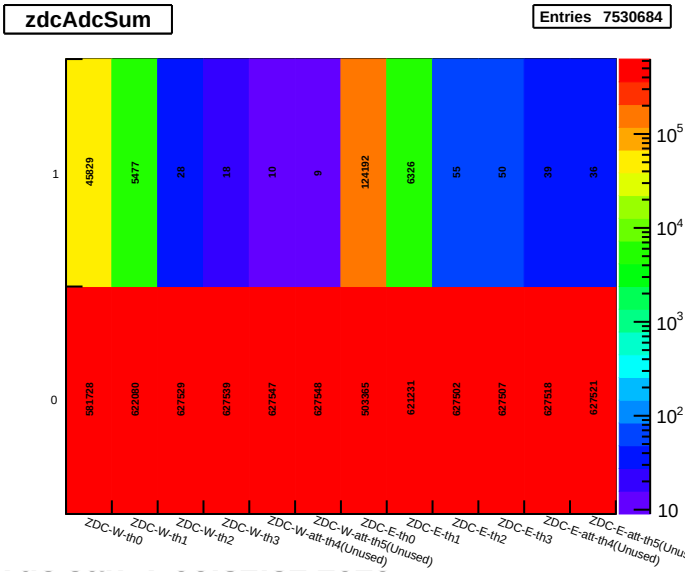

vpdWestTacMaxVsSimu
Entries 487066
Data
Simu

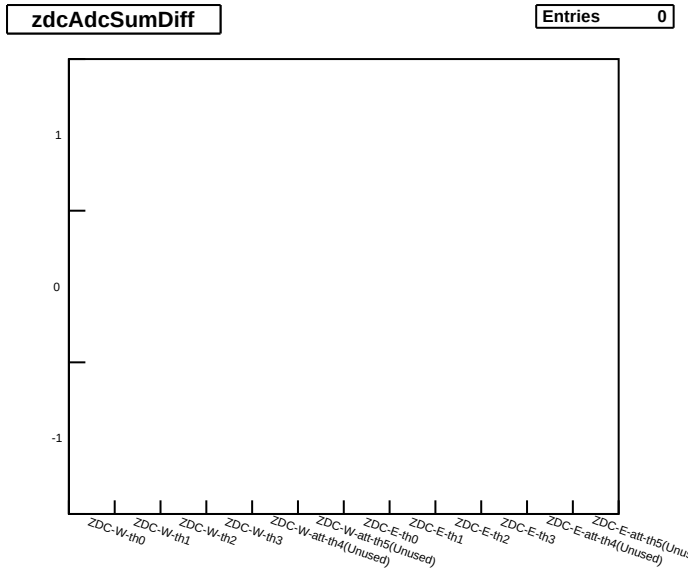

zdcEastTac
Entries 627557

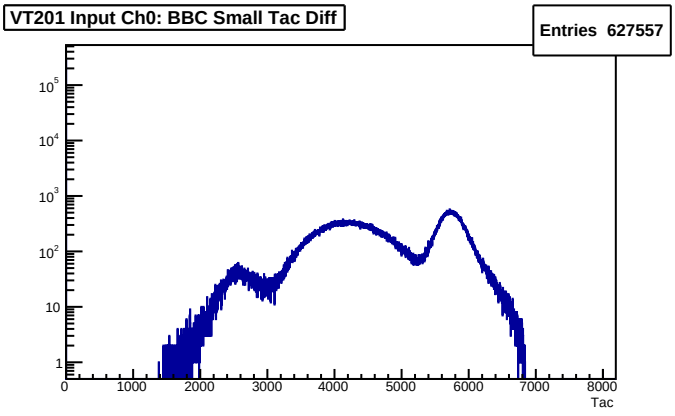

zdcEastTacVsSimu
Entries 1344
Data
Simu

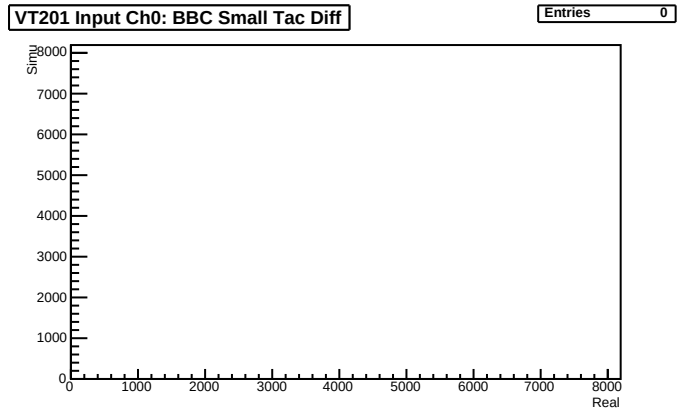

zdcWestTac
Entries 627557

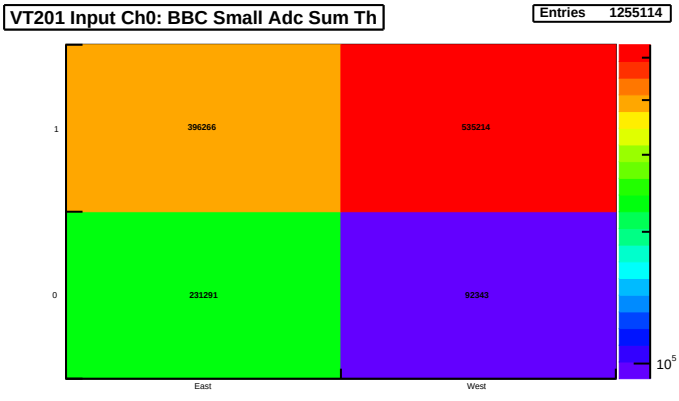

zdcWestTacVsSimu
Entries 3240
Data
Simu

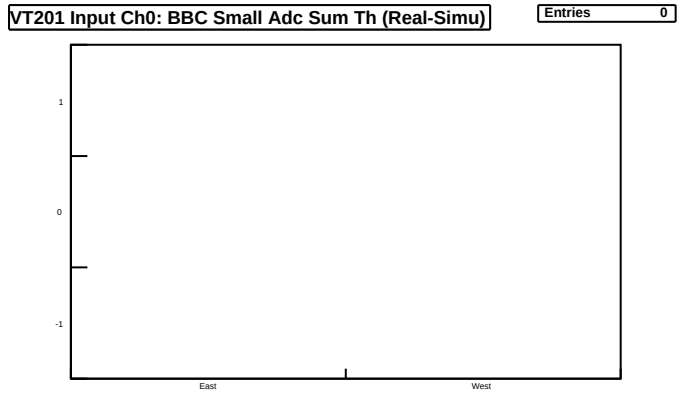

zdcAdcSum
Entries 7530684
45829
5477
28
18
10
9
124192
6326
55
50
39
36
581728
622080
627529
627539
627547
627548
503365
621231
627502
627507
627518
627521
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

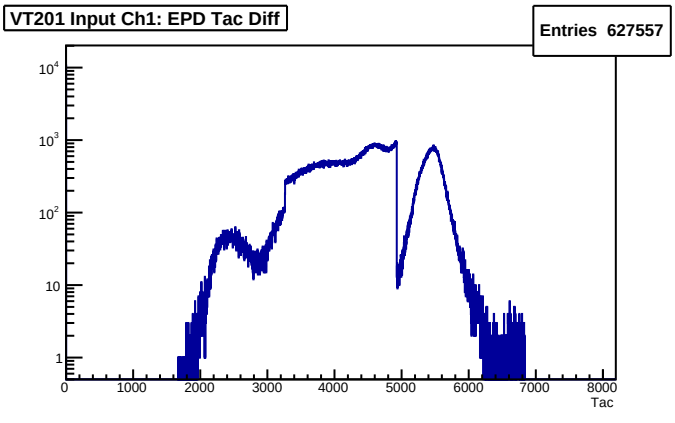

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

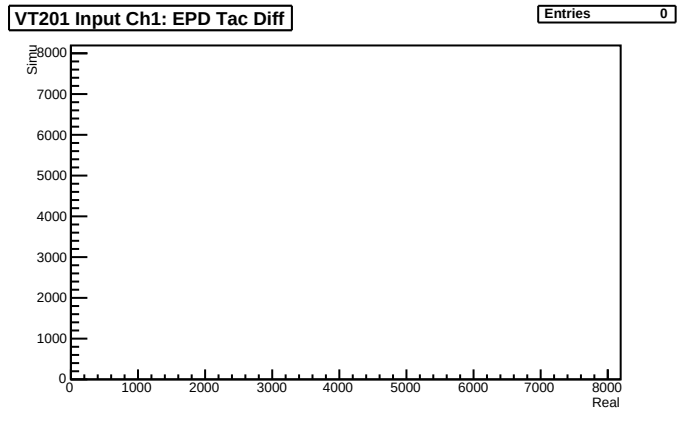

VT201 Input Ch0: BBC Small Tac Diff
Entries 627557
Tac

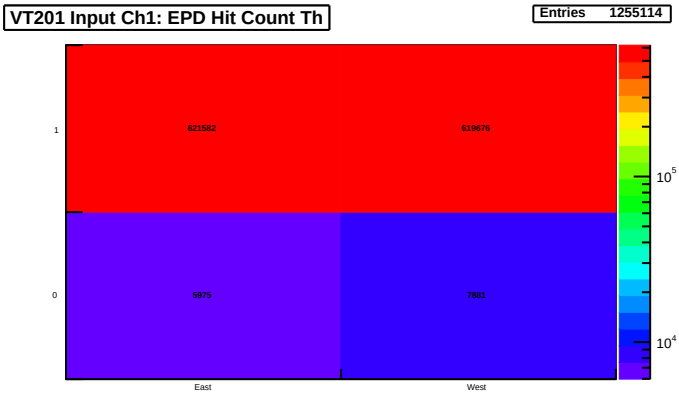

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

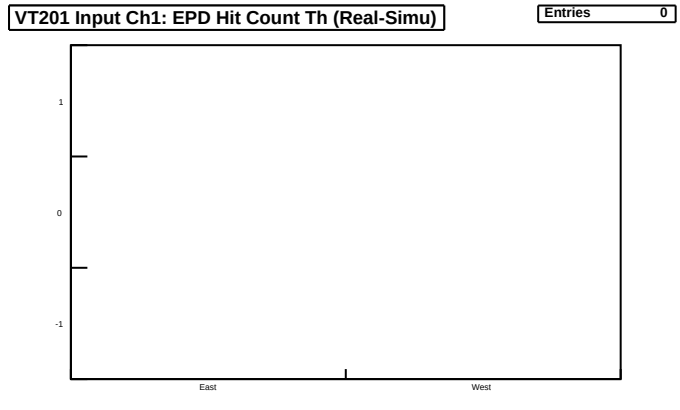

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1255114
396266
535214
231291
92343
East
West

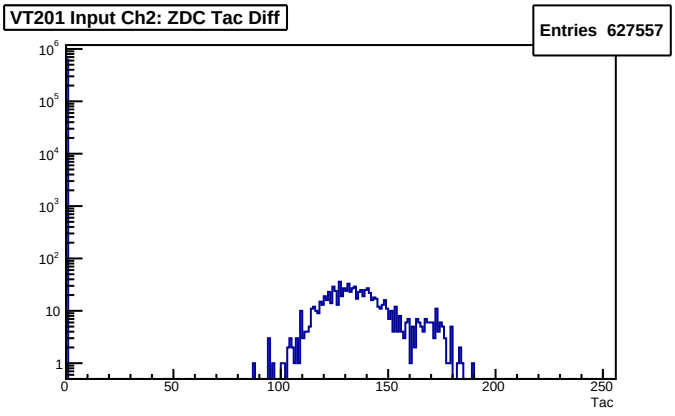

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

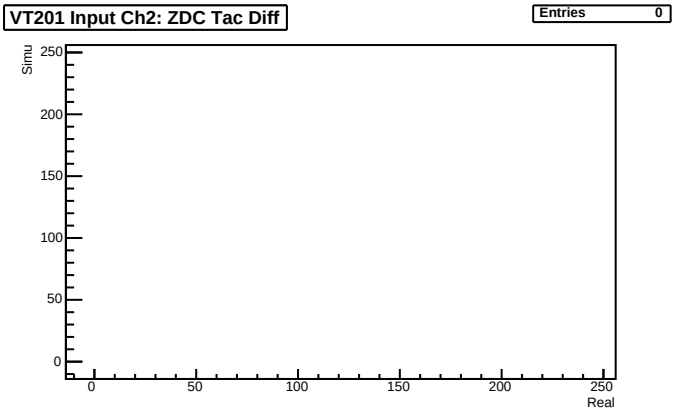

VT201 Input Ch1: EPD Tac Diff
Entries 627557
Tac

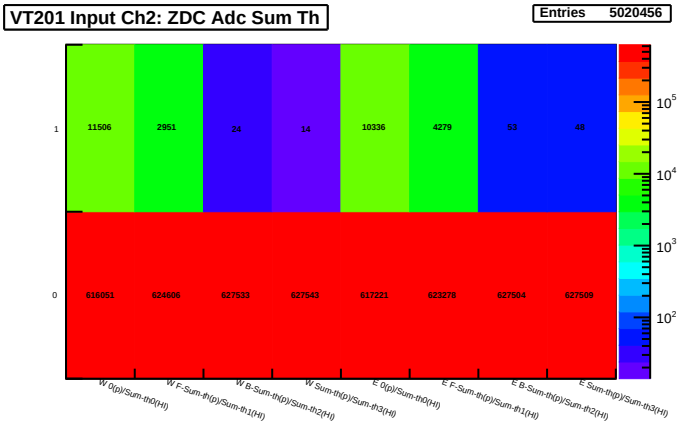

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

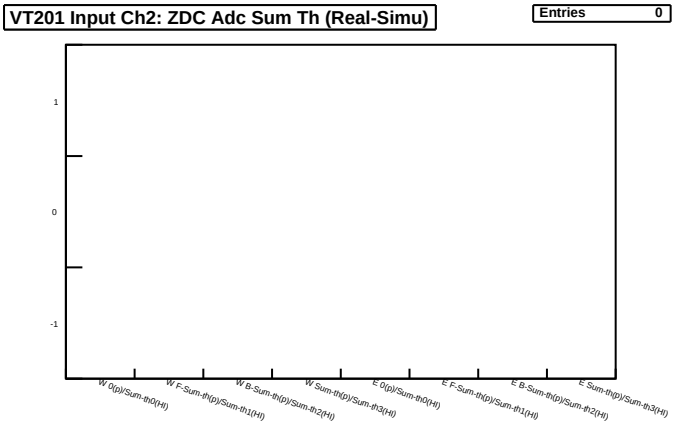

VT201 Input Ch1: EPD Hit Count Th
Entries 1255114
621582
619676
5975
7881
East
West

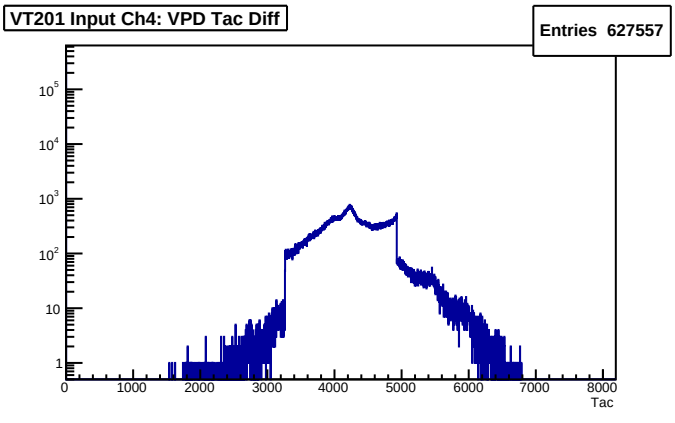

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

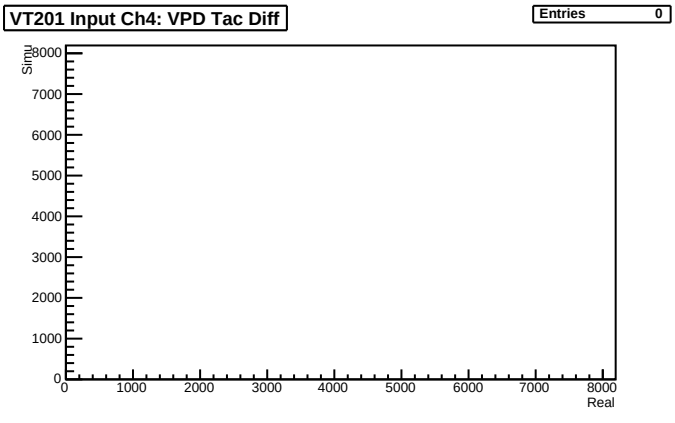

VT201 Input Ch2: ZDC Tac Diff
Entries 627557
Tac

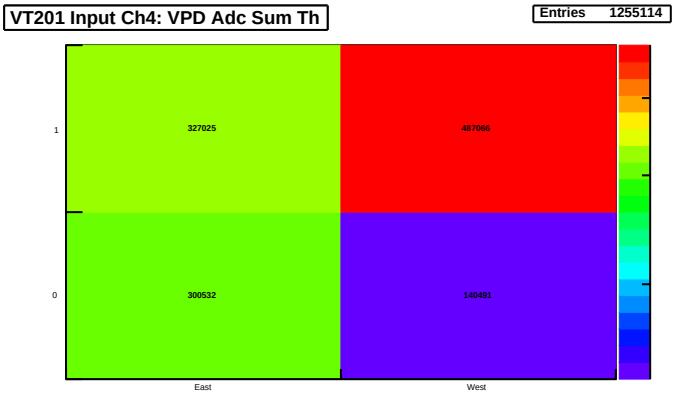

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

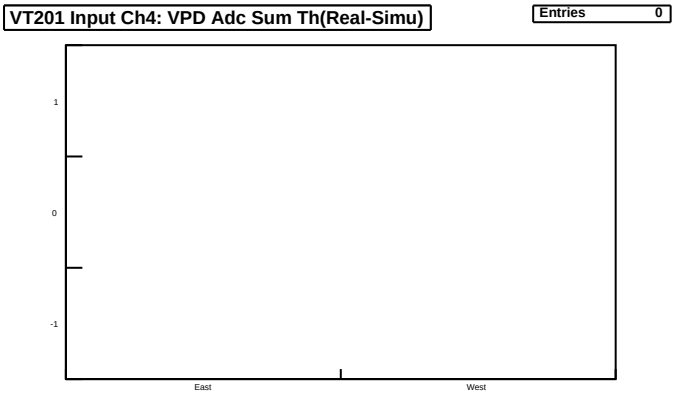

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5020456
11506
2951
24
14
10336
4279
53
48
616051
624606
627533
627543
617221
623278
627504
627509
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

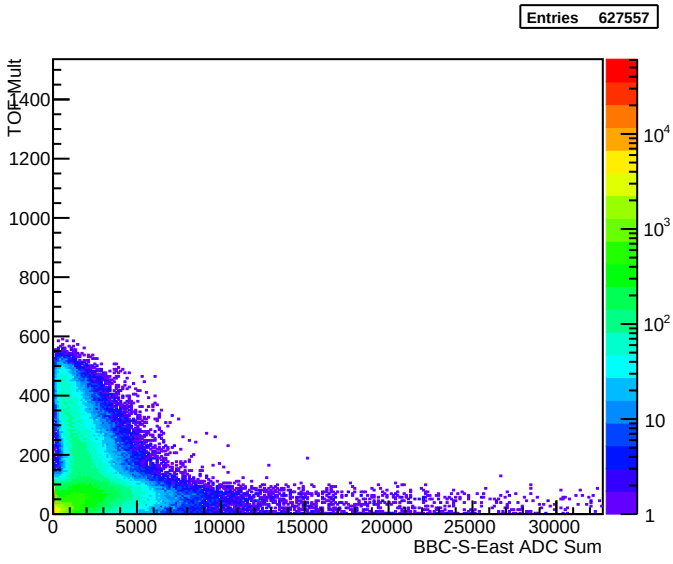

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

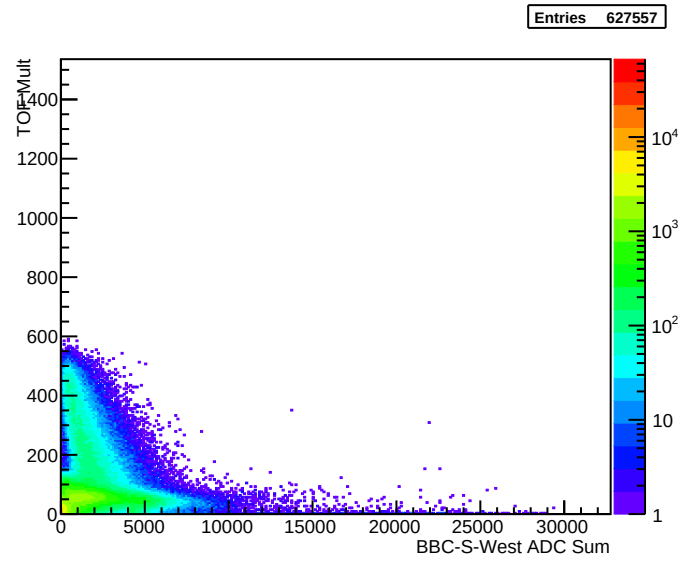

VT201 Input Ch4: VPD Tac Diff
Entries 627557
Tac

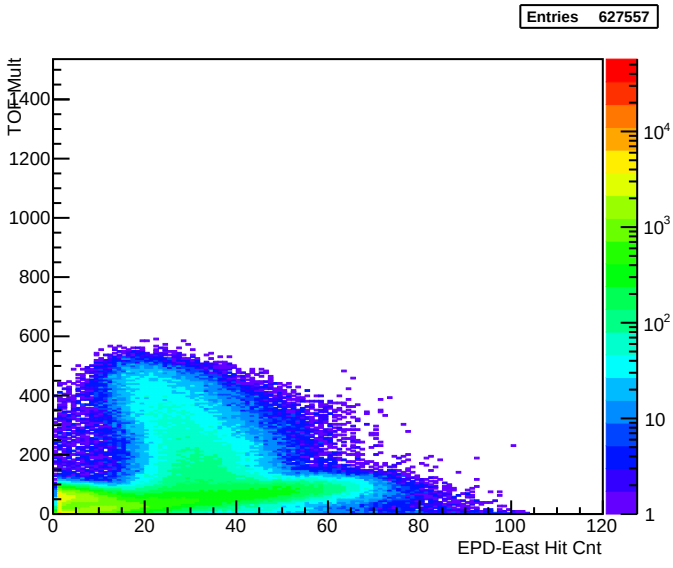

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

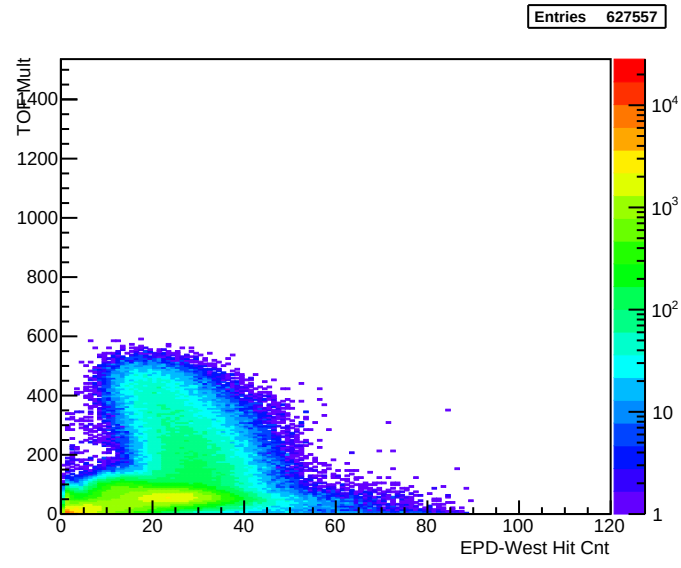

VT201 Input Ch4: VPD Adc Sum Th
Entries 1255114
327025
487066
300532
140491
East
West

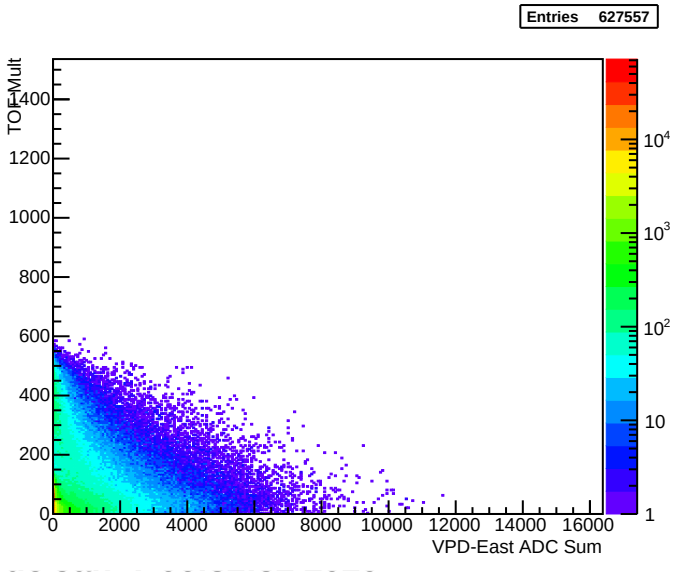

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

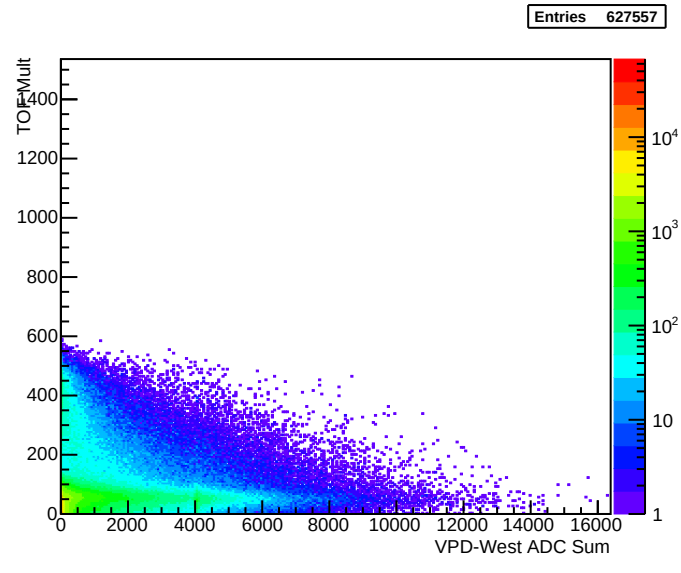

Entries 627557
TOF-Mult
BBC-S-East ADC Sum

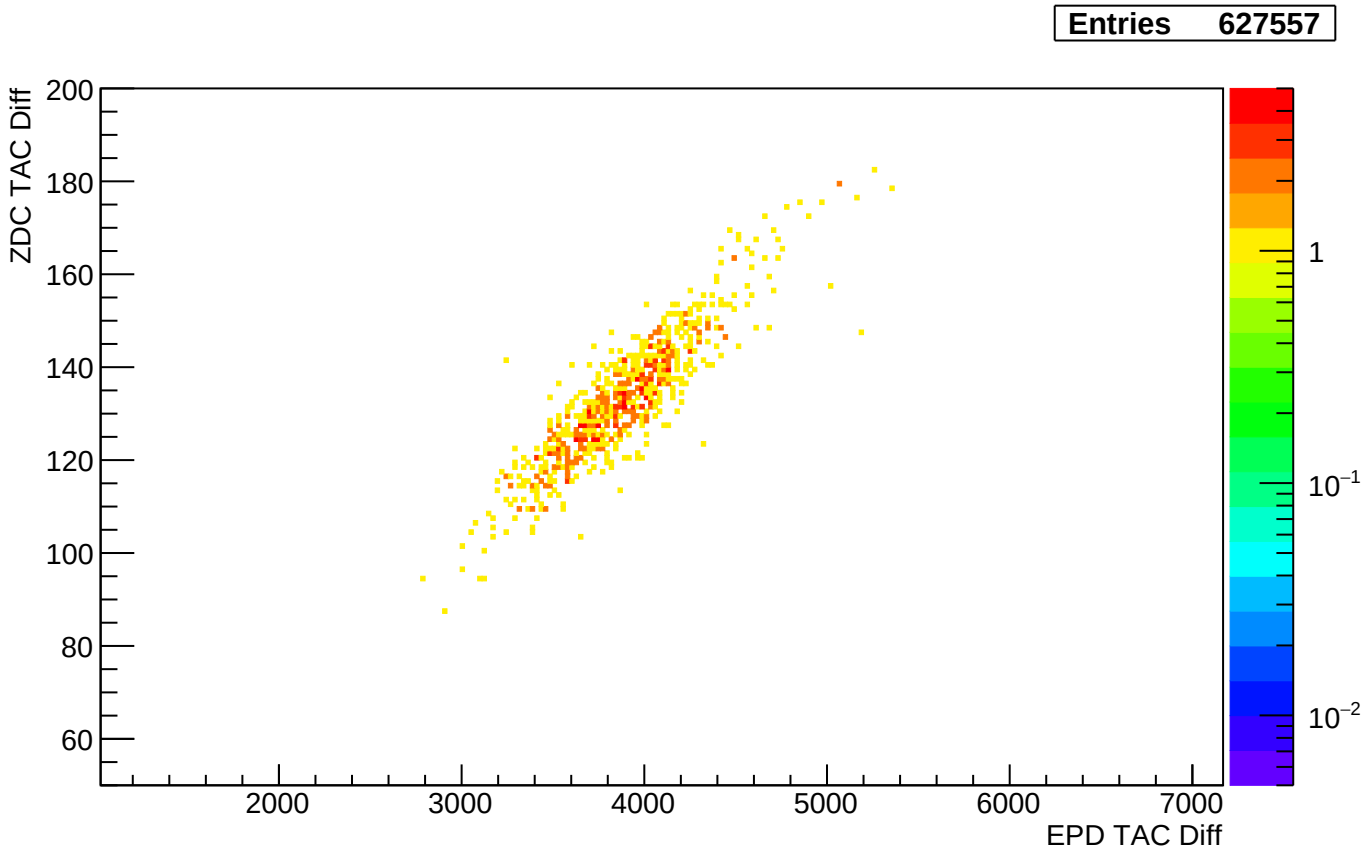

Entries 627557
TOF-Mult
BBC-S-West ADC Sum

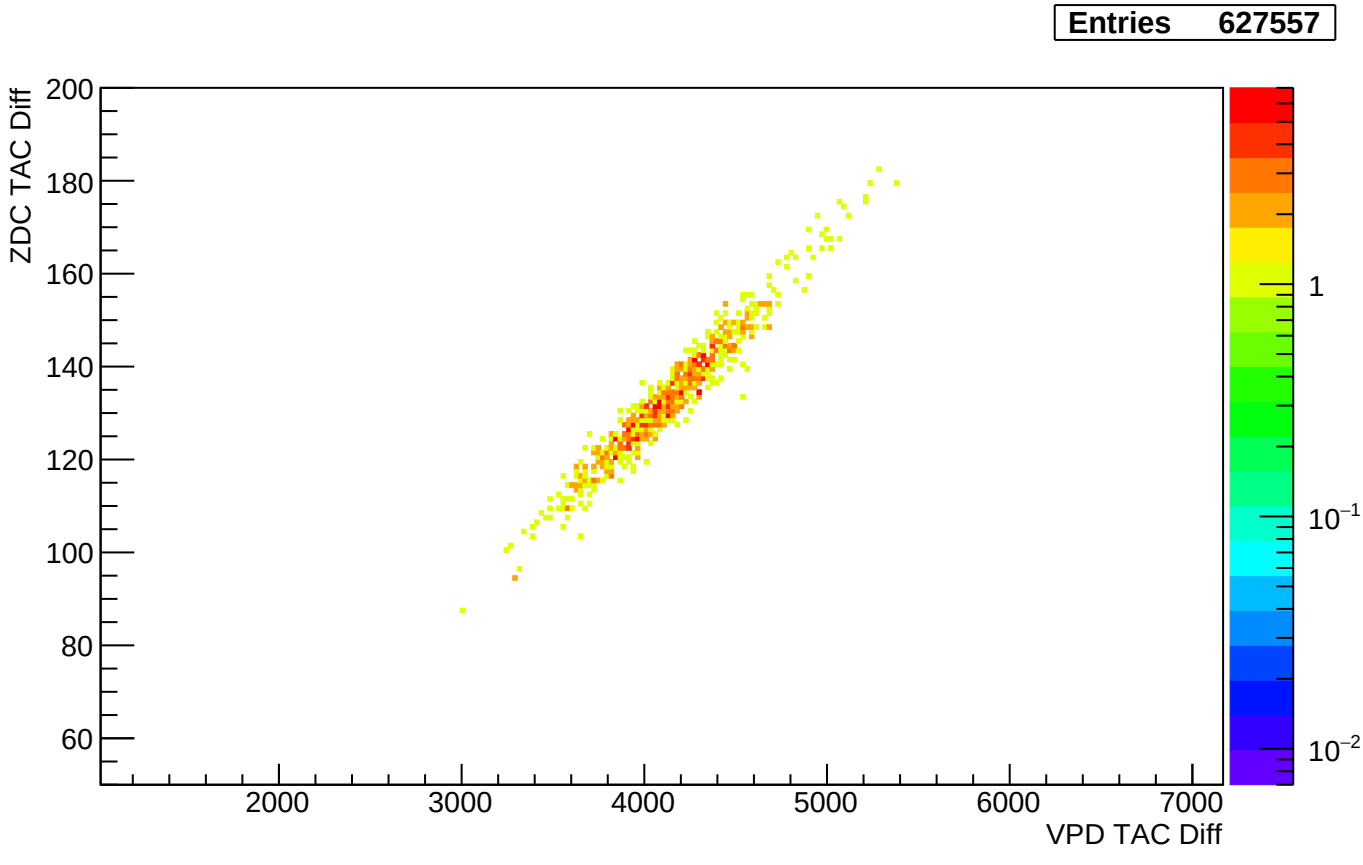

Entries 627557
TOF-Mult
EPD-East Hit Cnt

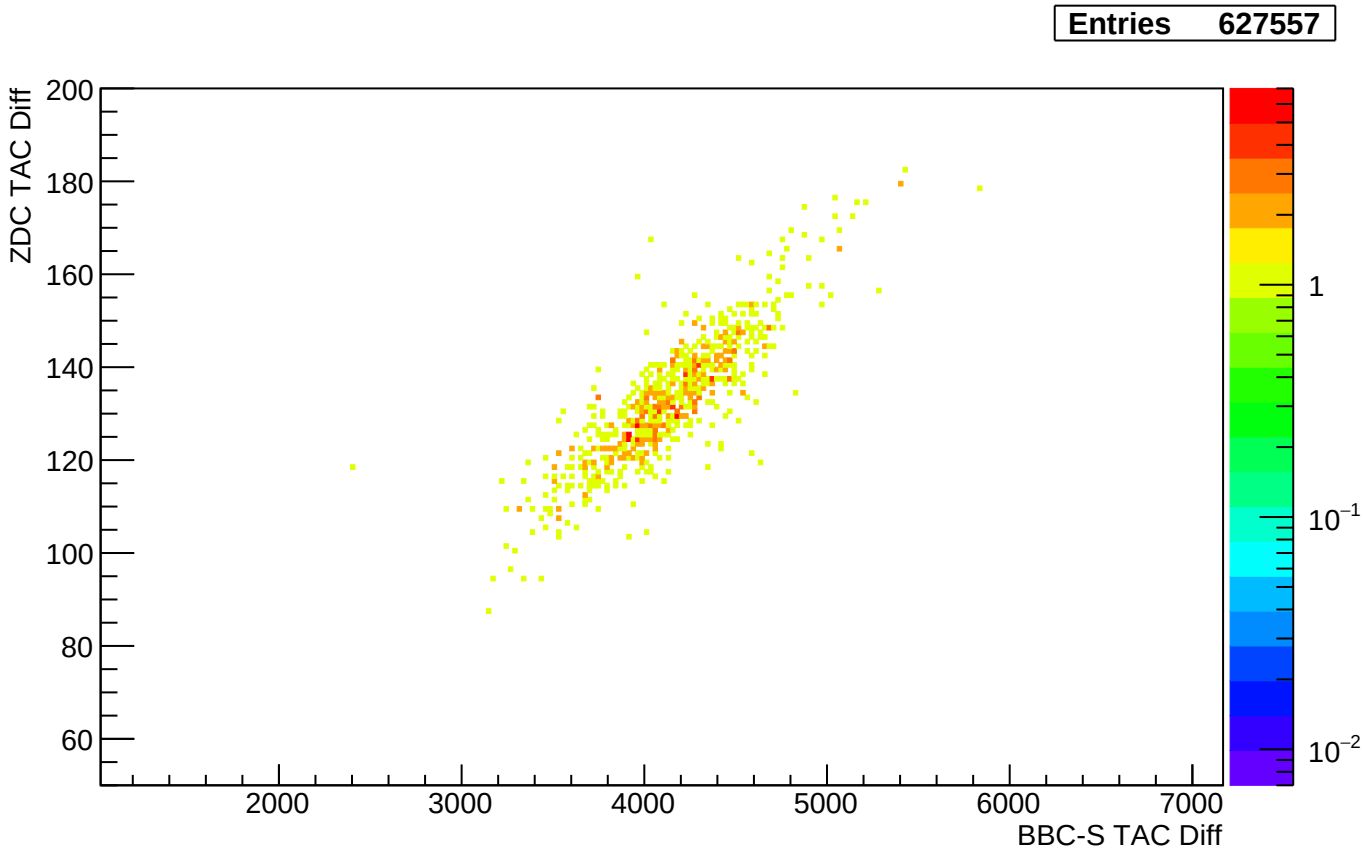

Entries 627557
TOF-Mult
EPD-West Hit Cnt

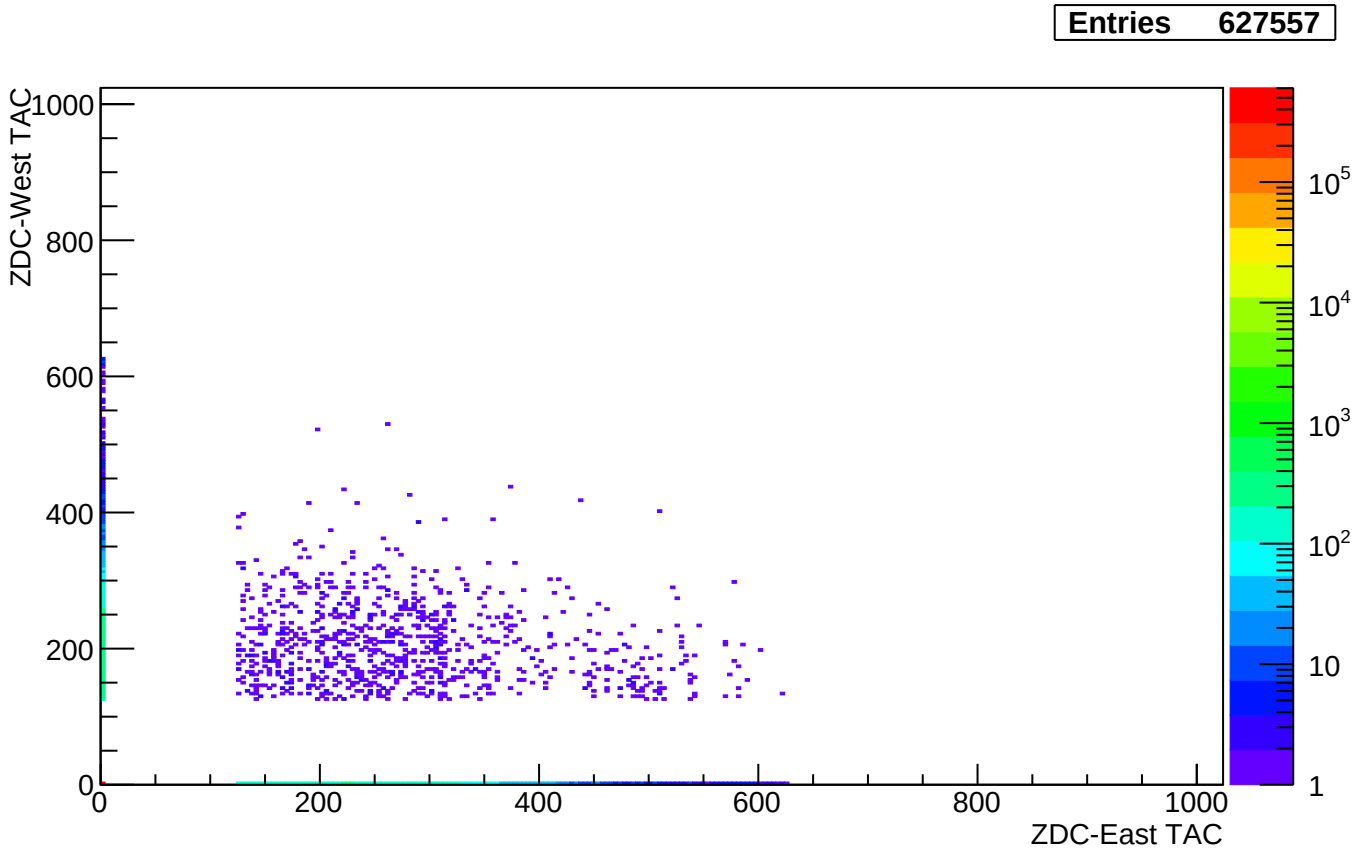

Entries 627557
TOF-Mult
VPD-East ADC Sum

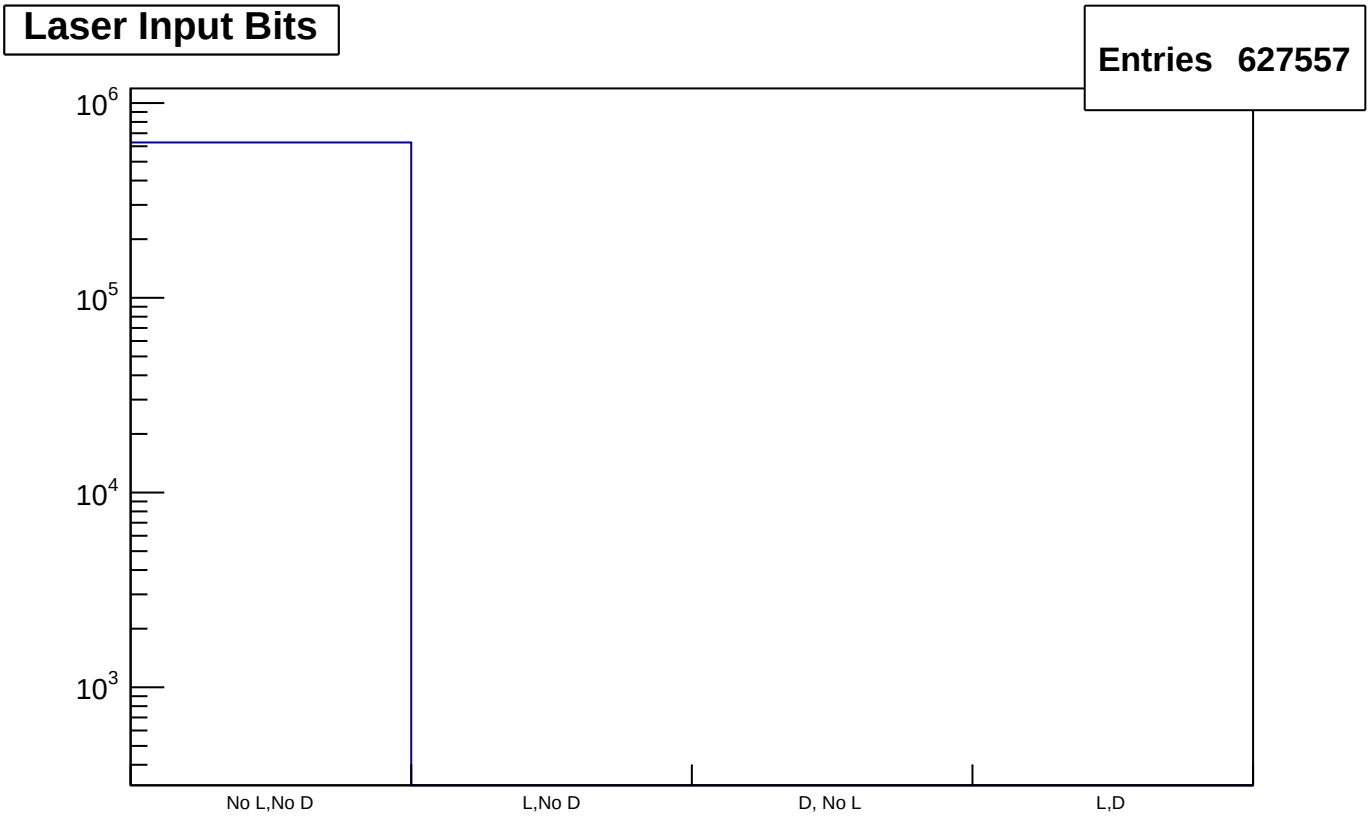

Entries 627557
TOF-Mult
VPD-West ADC Sum

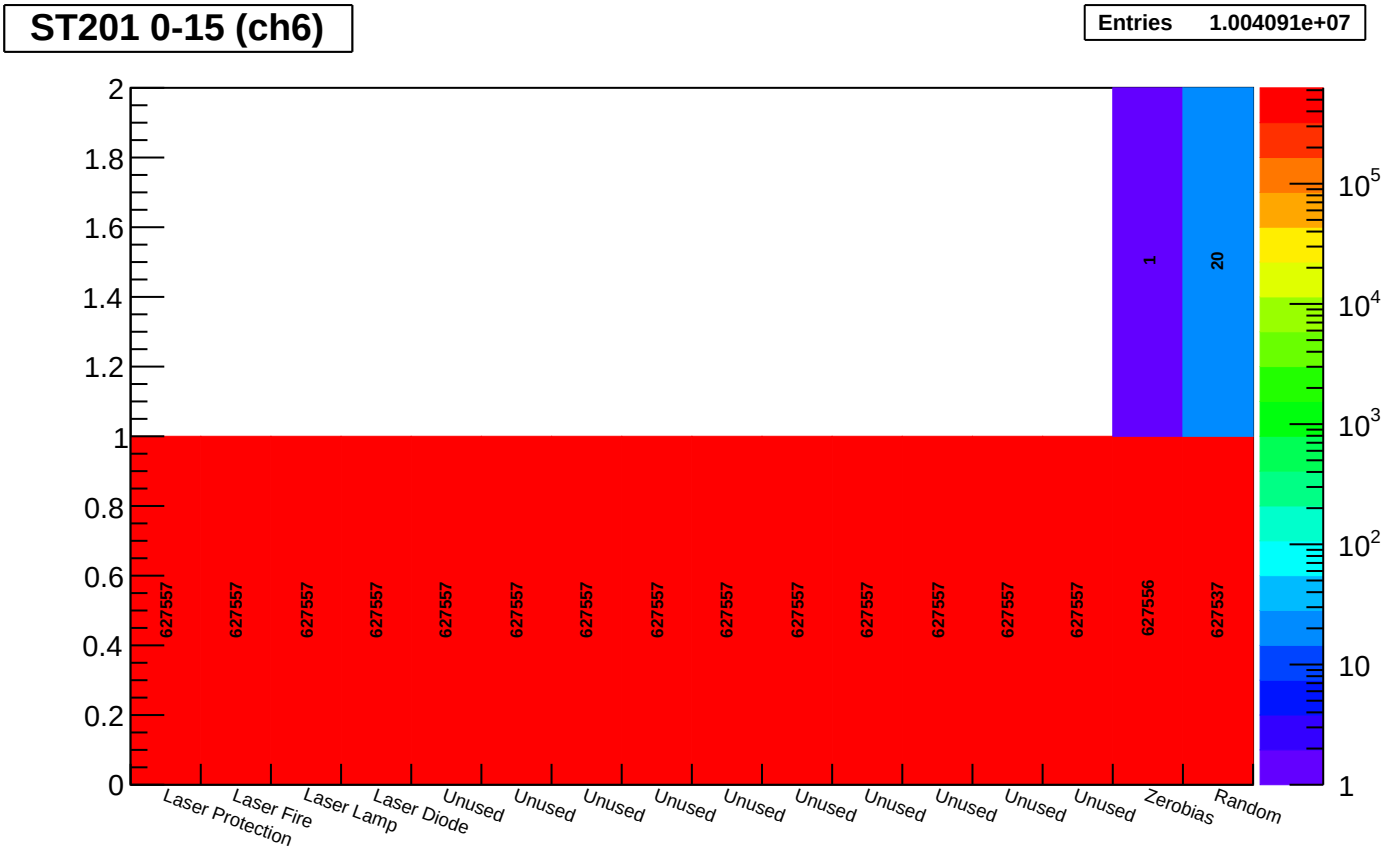

Entries 627557
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

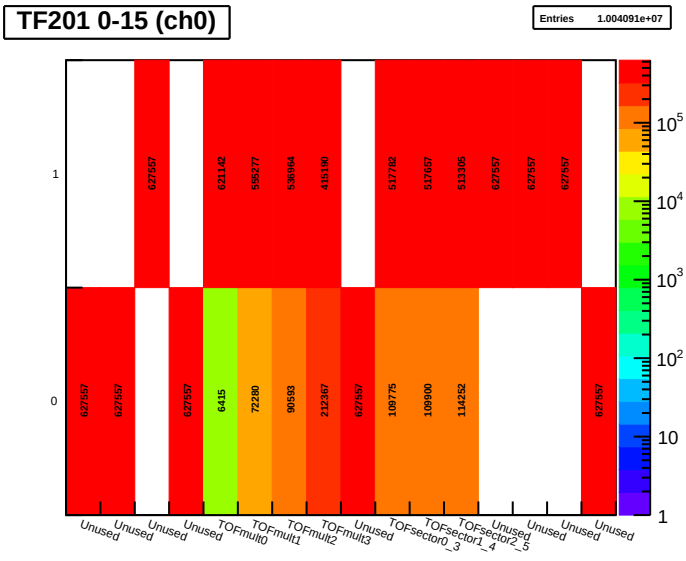

Entries 627557
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

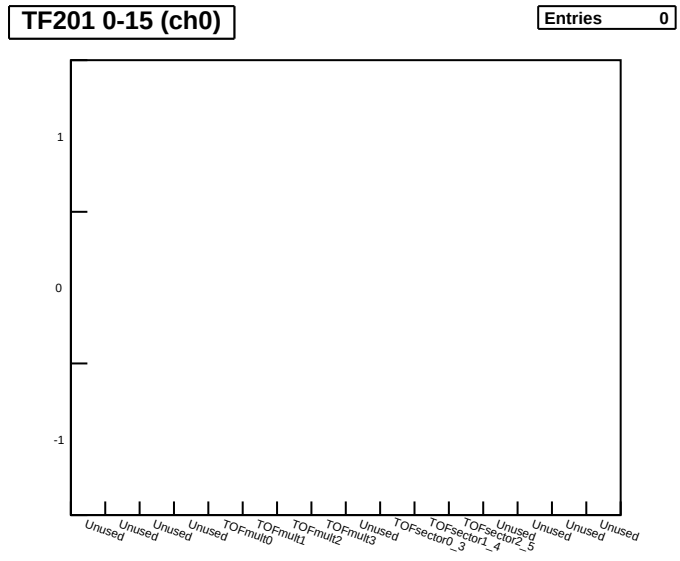

Entries 627557
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

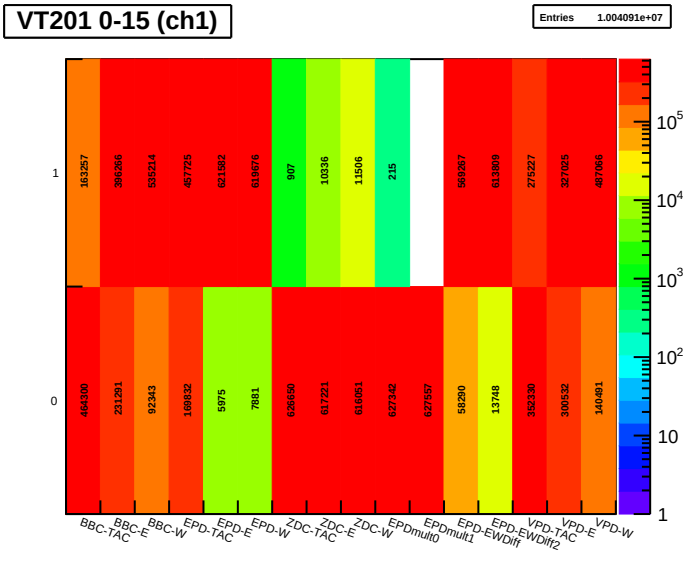

Entries 627557
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

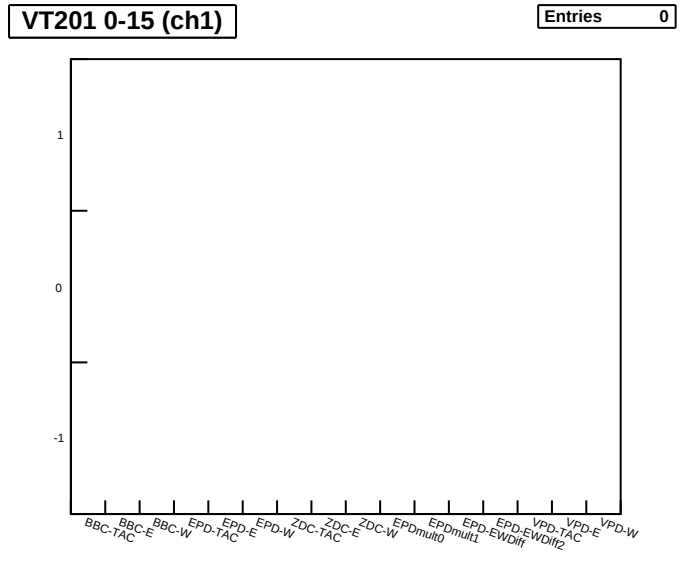

Laser Input Bits
Entries 627557
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

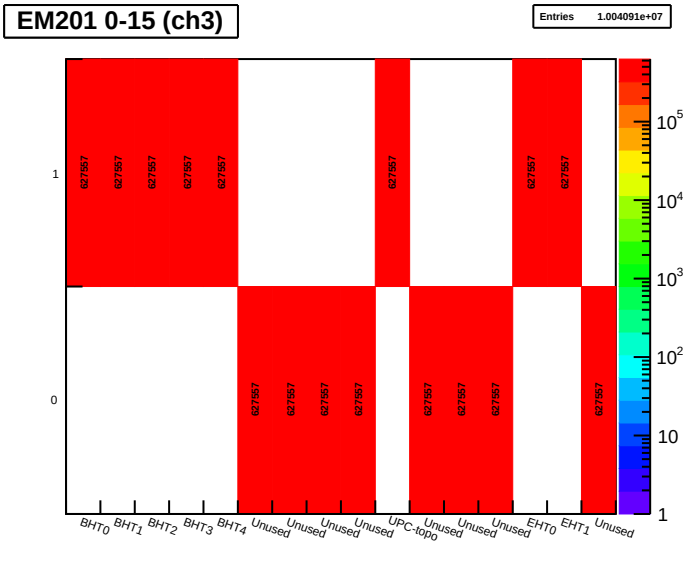

ST201 0-15 (ch6)
Entries 1.004091e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627556
627537
1
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

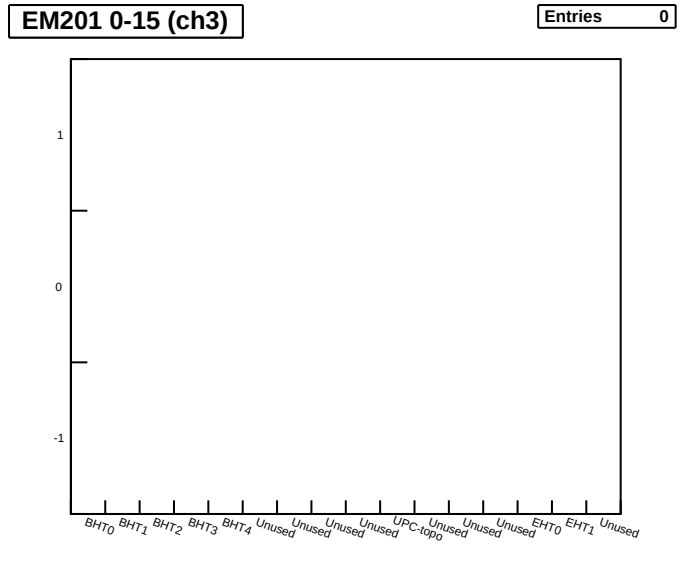

TF201 0-15 (ch0)
Entries 1.004091e+07
1
0
627557
621142
555277
536964
415190
517782
517657
513305
627557
627557
627557
627557
627557
6415
72280
90593
212367
627557
109775
109900
114252
627557
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 1.004091e+07
1
0
163257
396266
535214
457725
621582
619676
907
10336
11506
215
569257
613809
275227
327025
487066
464300
231291
92343
169832
5975
7881
626650
617221
616051
627342
627557
58200
13748
352330
300532
140481
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 1.004091e+07
1
0
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
627557
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1