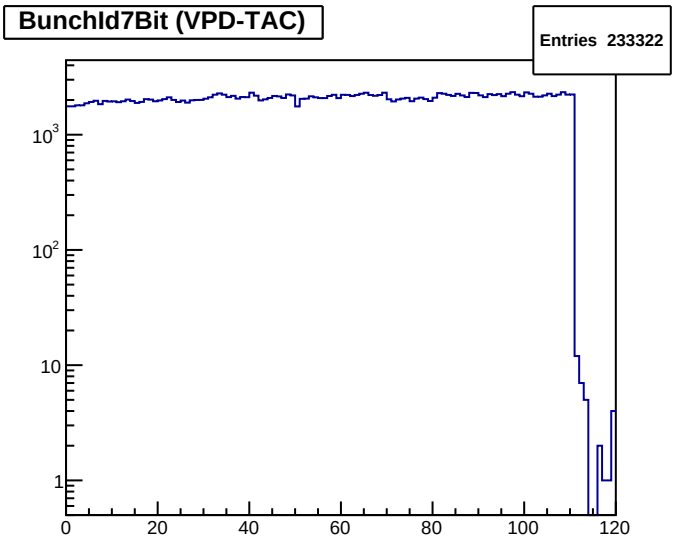
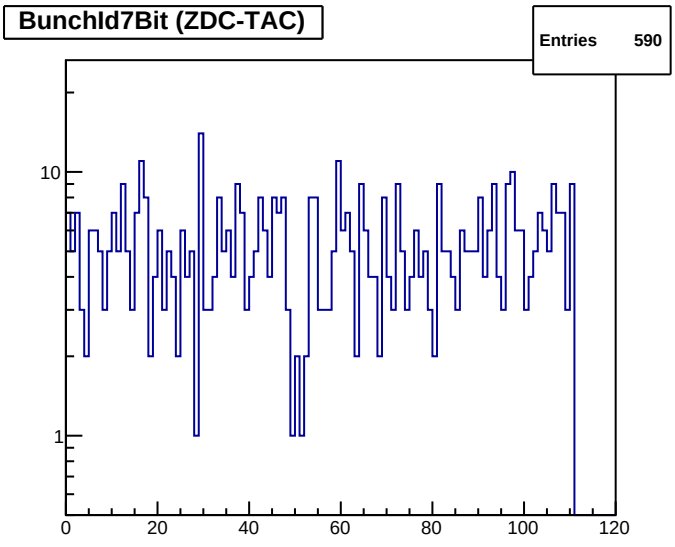
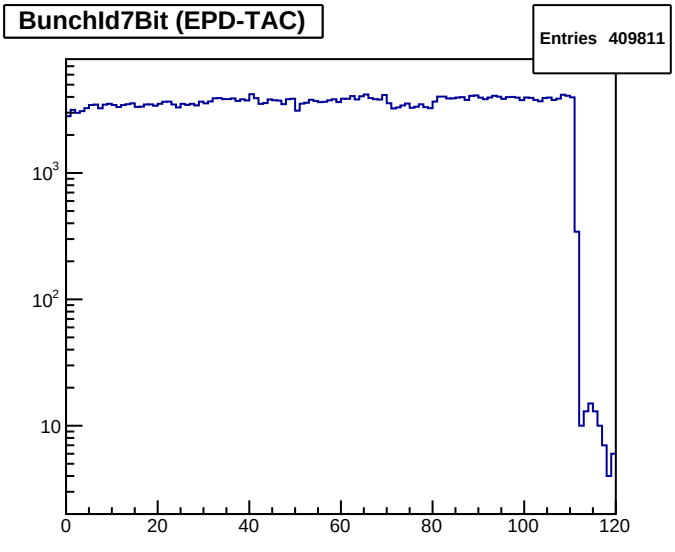
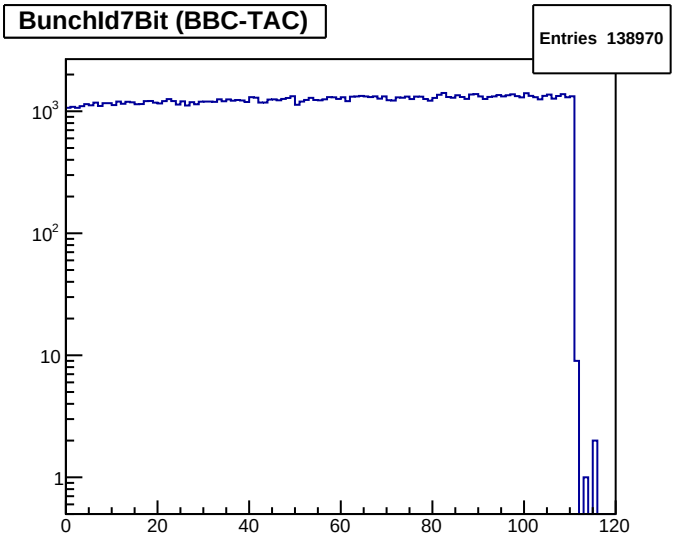
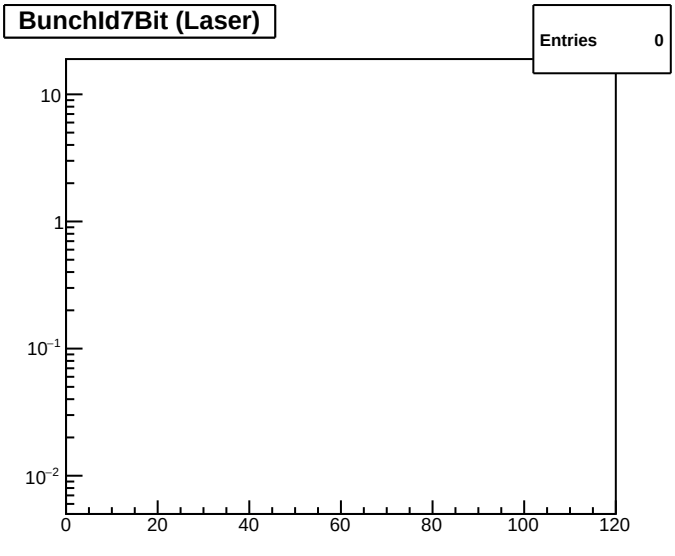
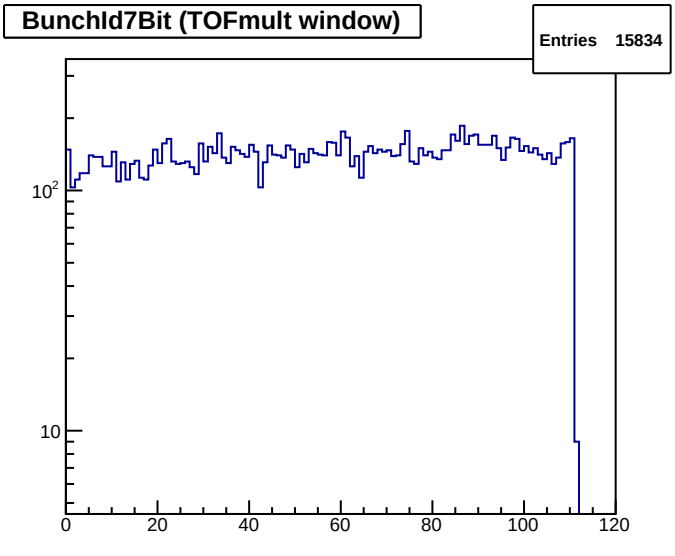

BunchId7Bit (VPD-TAC)
Entries 233322

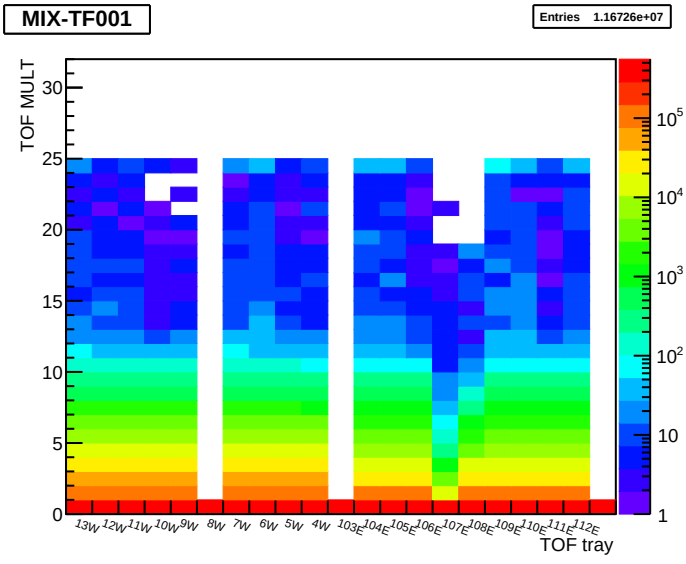

BunchId7Bit (ZDC-TAC)
Entries 590

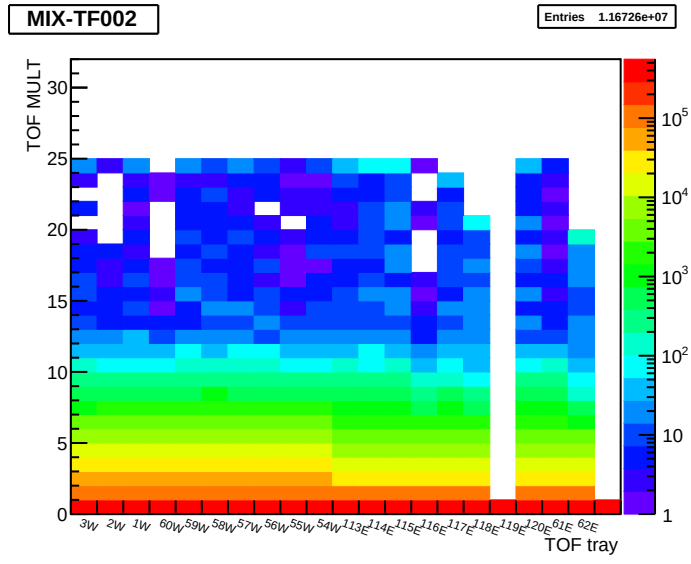

BunchId7Bit (EPD-TAC)
Entries 409811

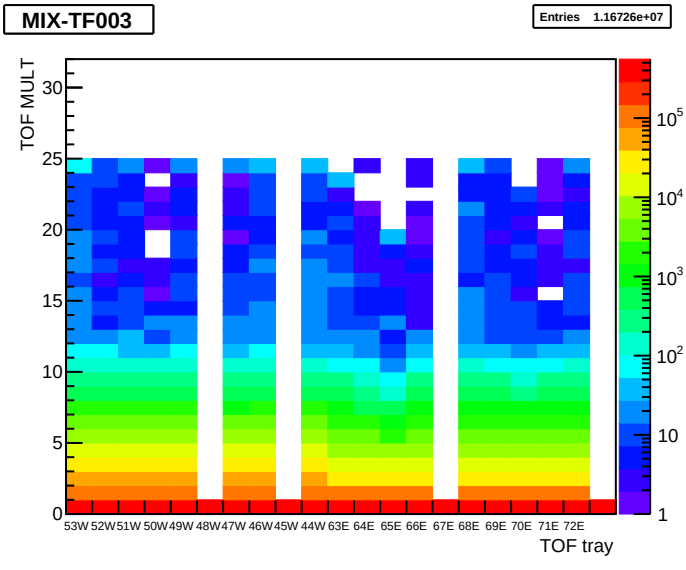

BunchId7Bit (BBC-TAC)
Entries 138970

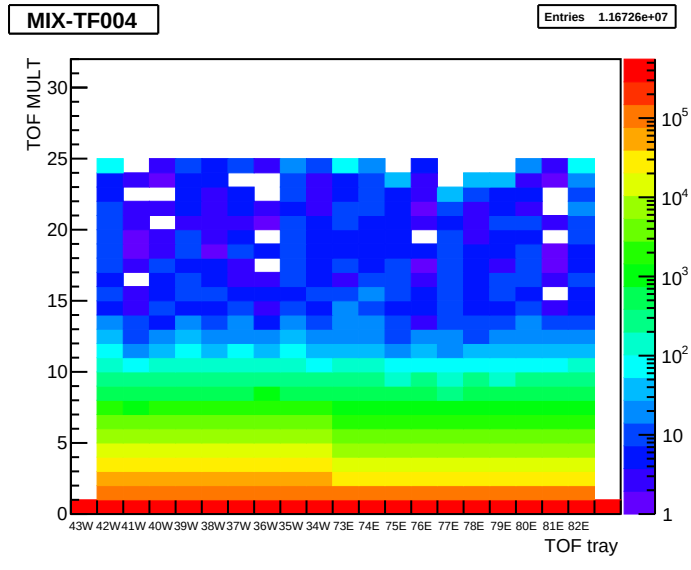

BunchId7Bit (Laser)
Entries 0

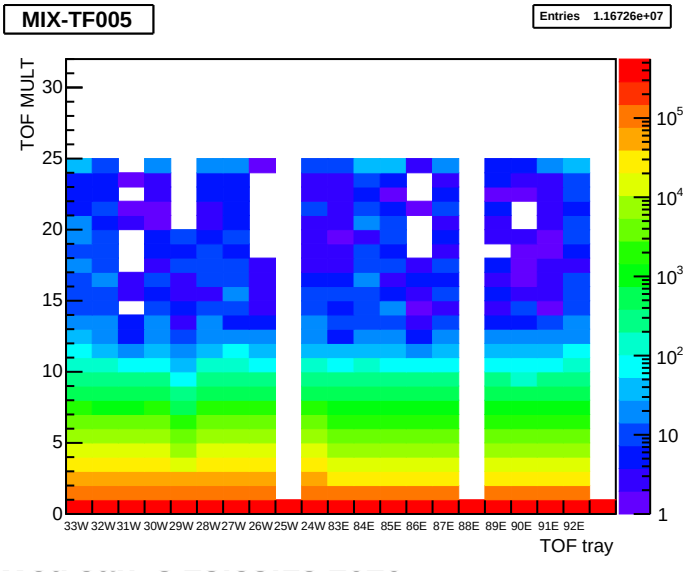

BunchId7Bit (TOFmult window)
Entries 15834

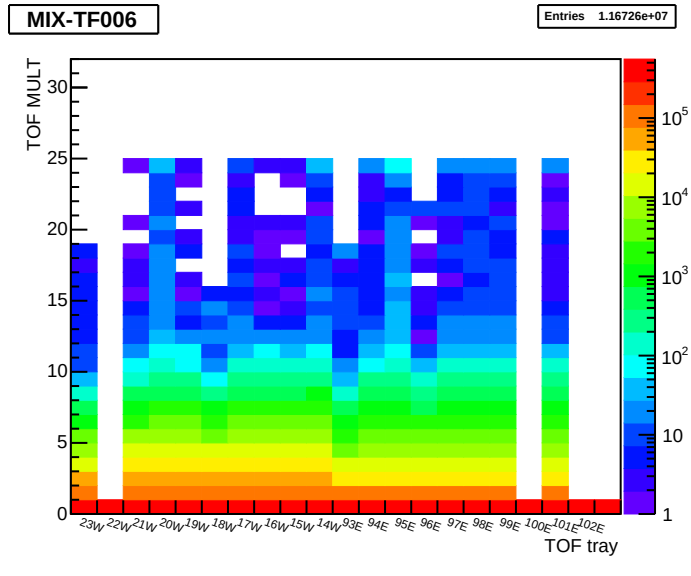

MIX-TF001
Entries 1.16726e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

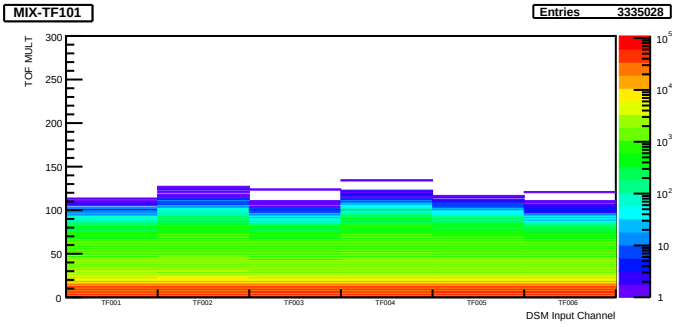

MIX-TF002
Entries 1.16726e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

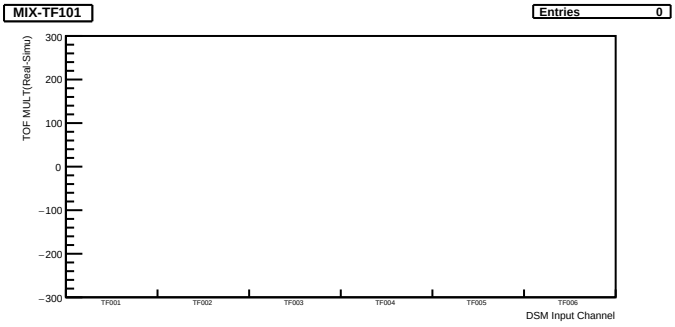

MIX-TF003
Entries 1.16726e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

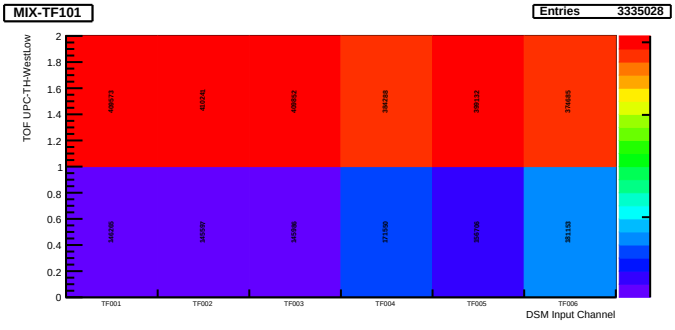

MIX-TF004
Entries 1.16726e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

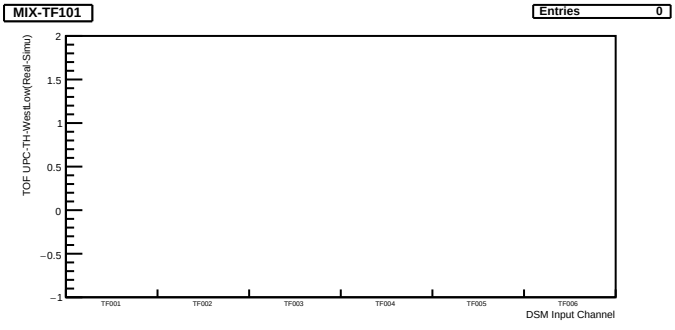

MIX-TF005
Entries 1.16726e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

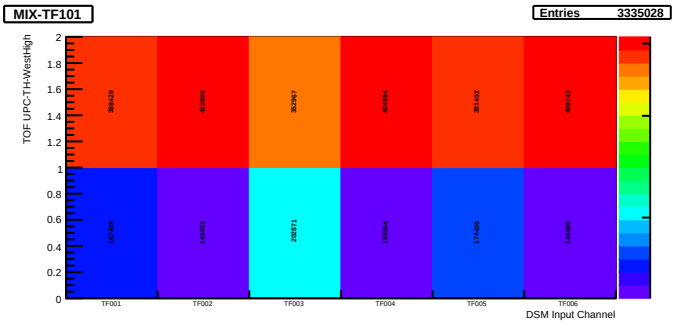

MIX-TF006
Entries 1.16726e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

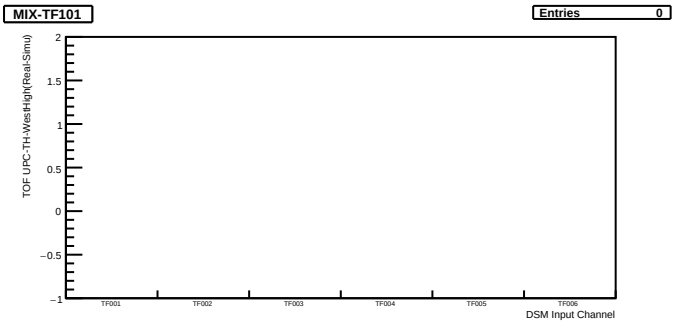

MIX-TF101
Entries 3335028
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

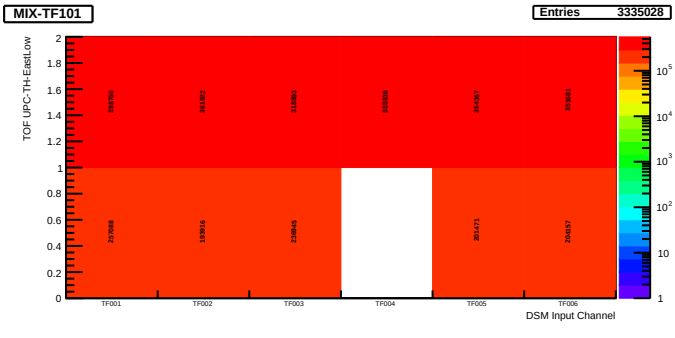

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

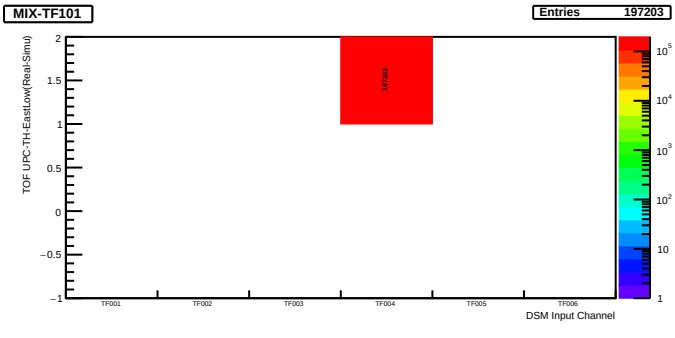

MIX-TF101
Entries 3335028
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

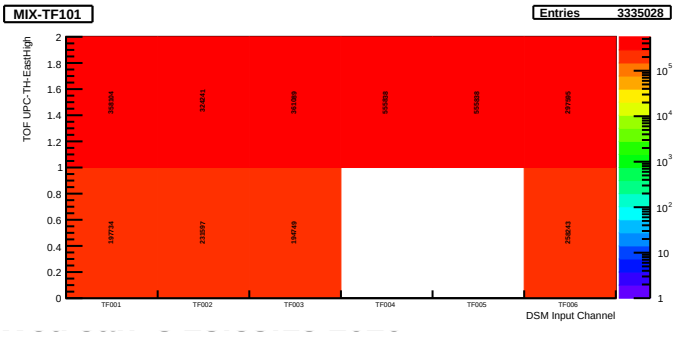

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

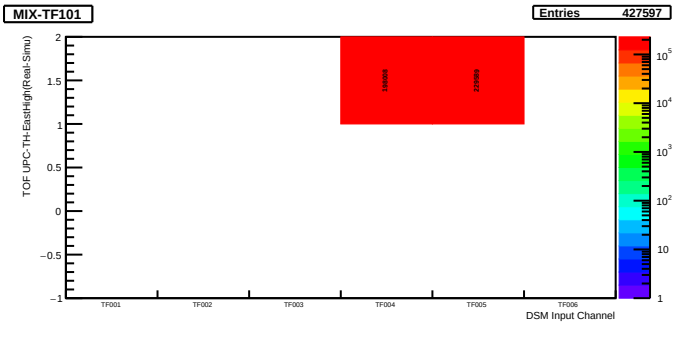

MIX-TF101
Entries 3335028
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

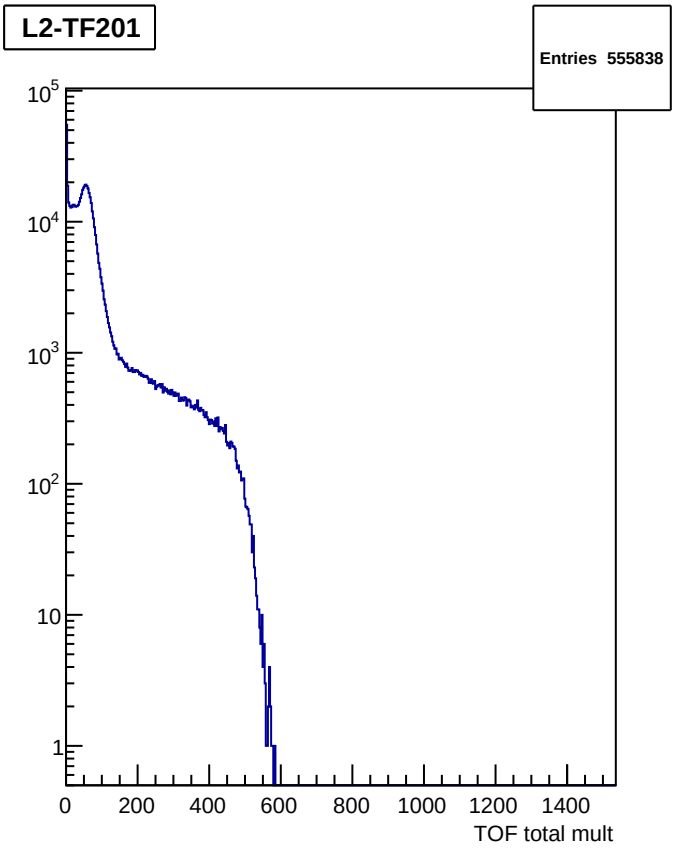

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

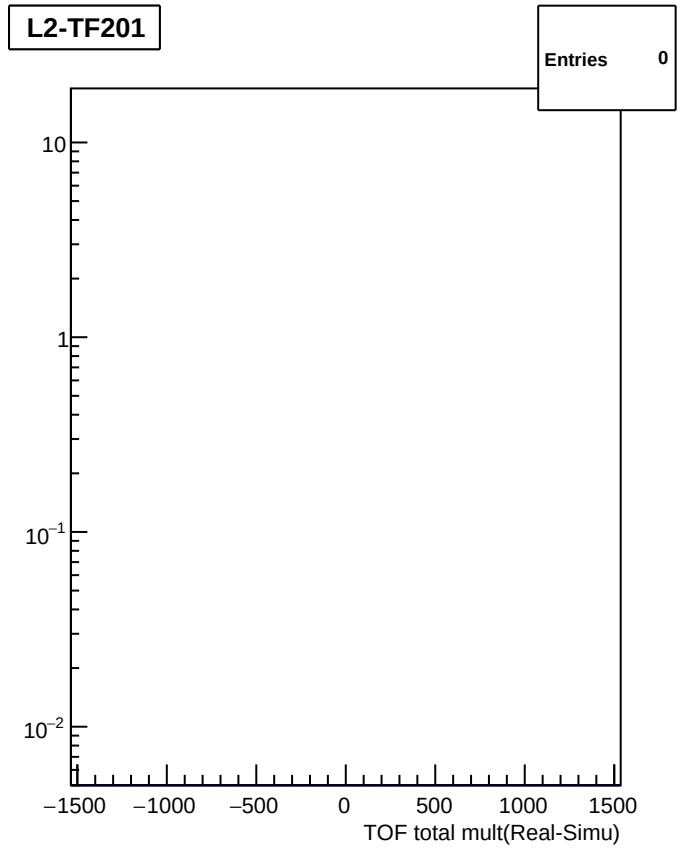

MIX-TF101
Entries 3335028
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

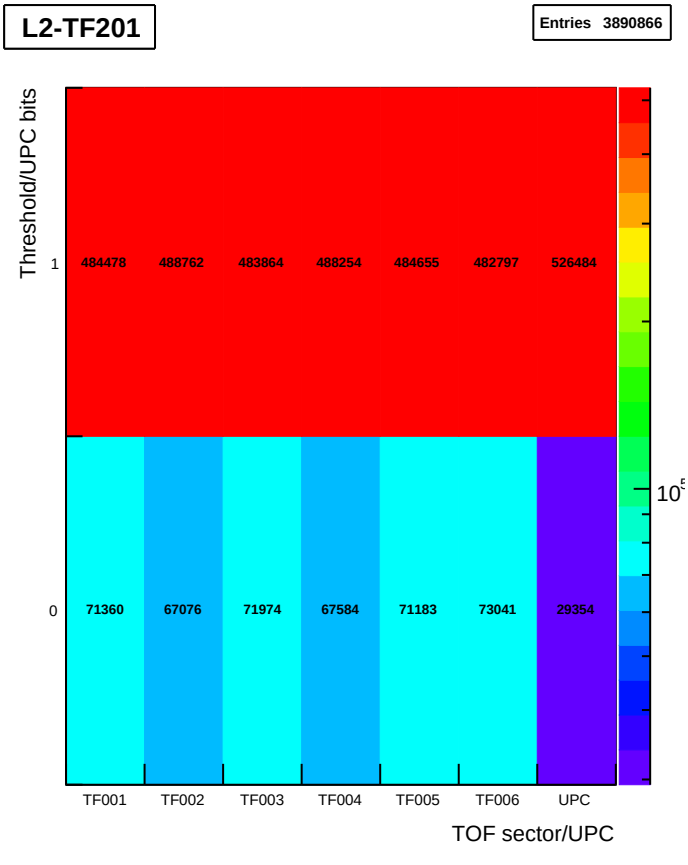

MIX-TF101
Entries 197203
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

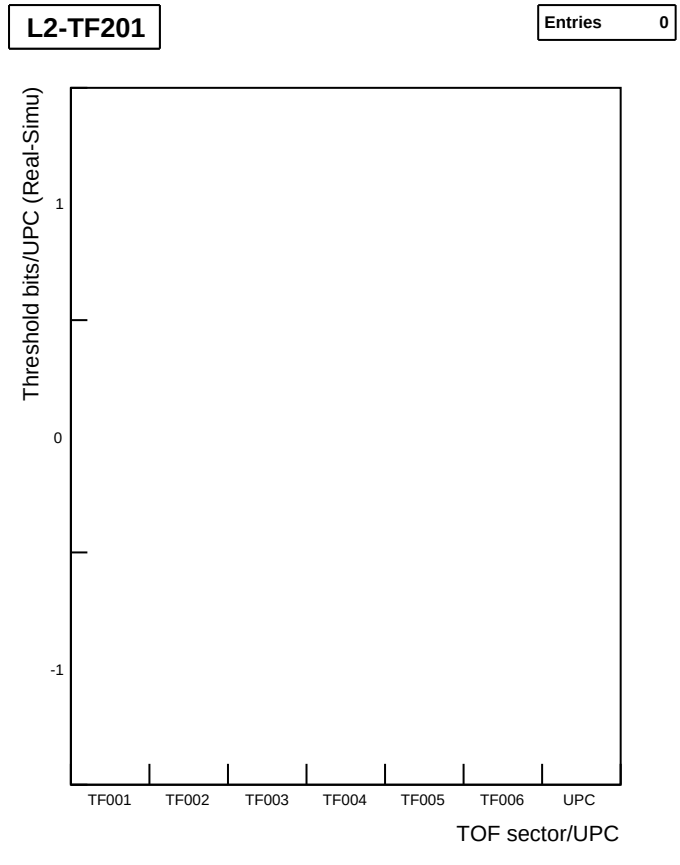

MIX-TF101
Entries 3335028
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

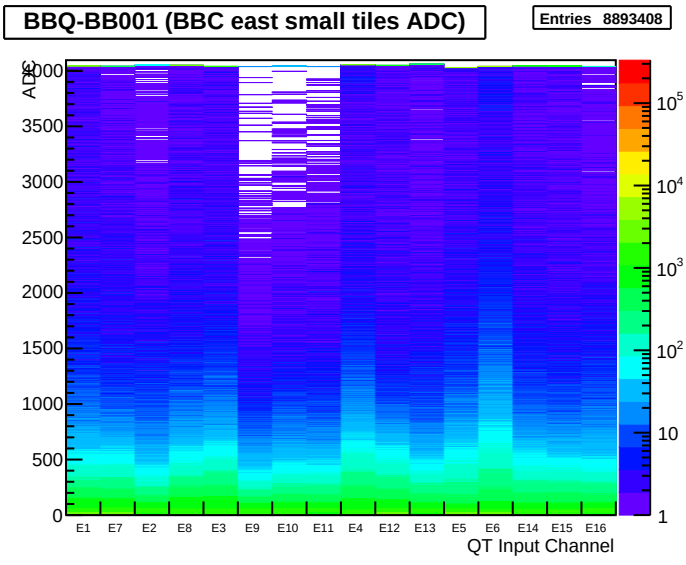

MIX-TF101
Entries 427597
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

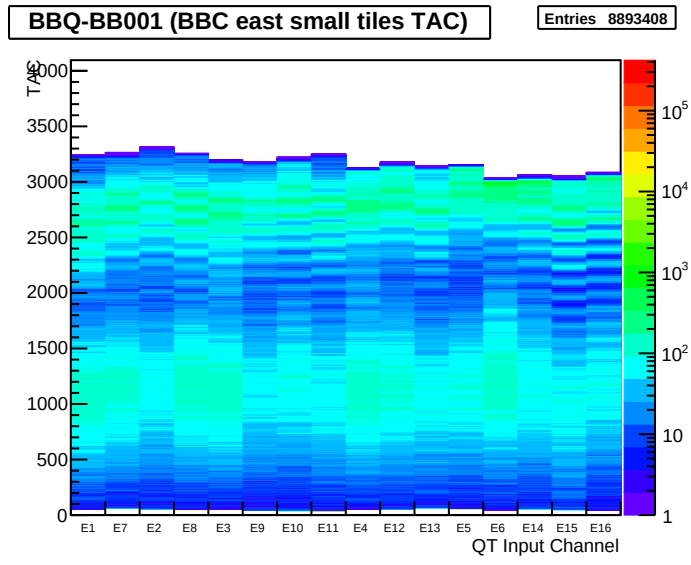

L2-TF201
Entries 555838
TOF total mult

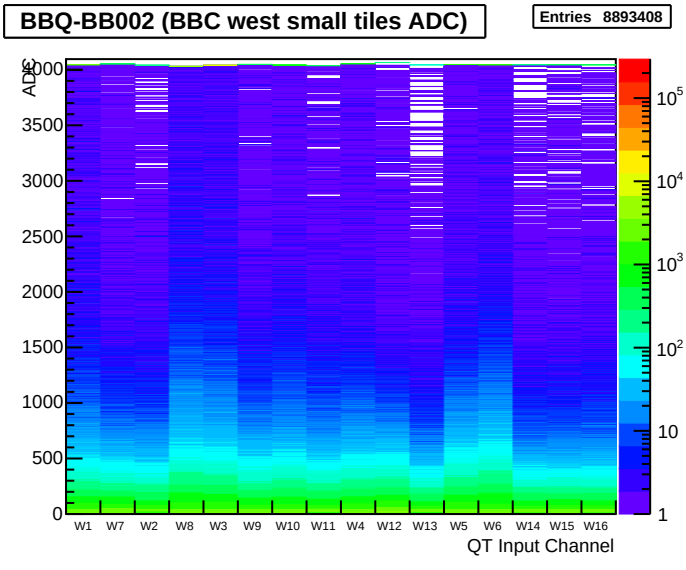

L2-TF201
Entries 0
TOF total mult(Real-Simu)

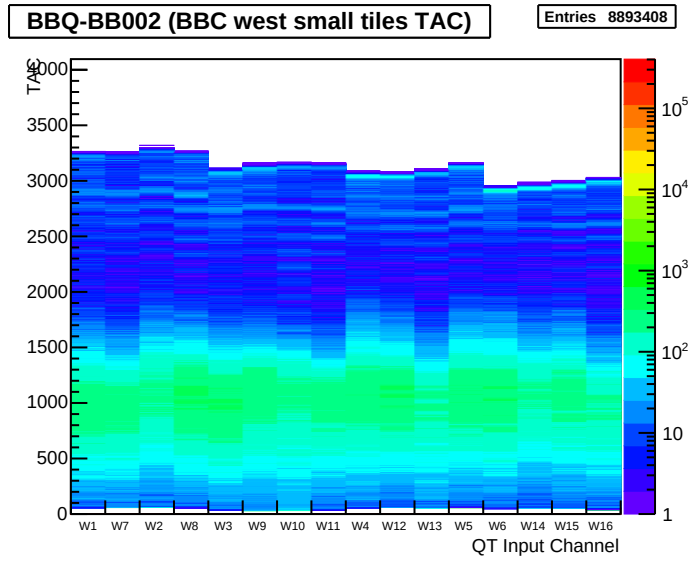

L2-TF201
Entries 3890866
Threshold/UPC bits
484478
488762
483864
488254
484655
482797
526484
71360
67076
71974
67584
71183
73041
29354
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

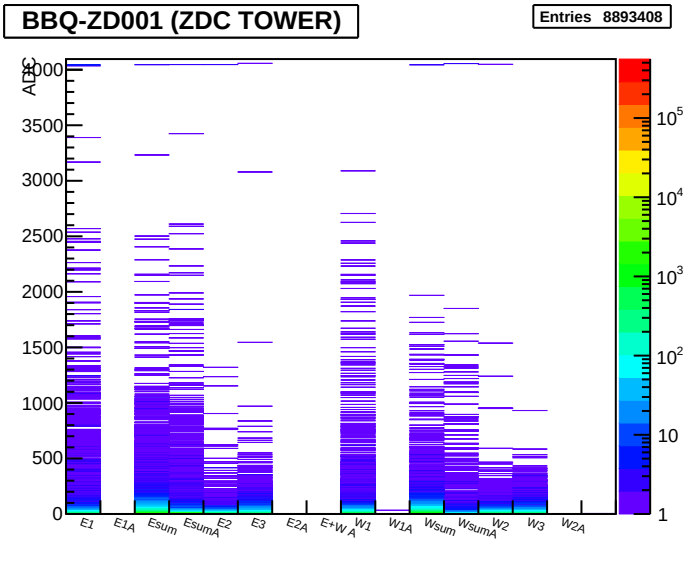

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

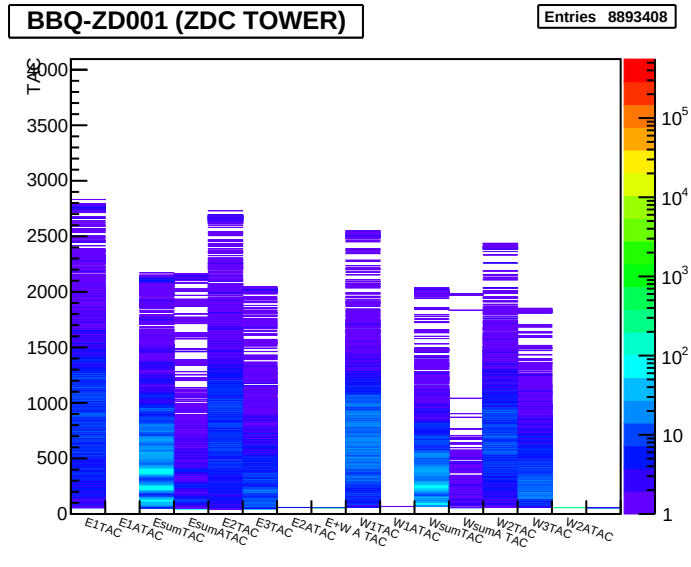

BBQ-BB001 (BBC east small tiles ADC)
Entries 8893408
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

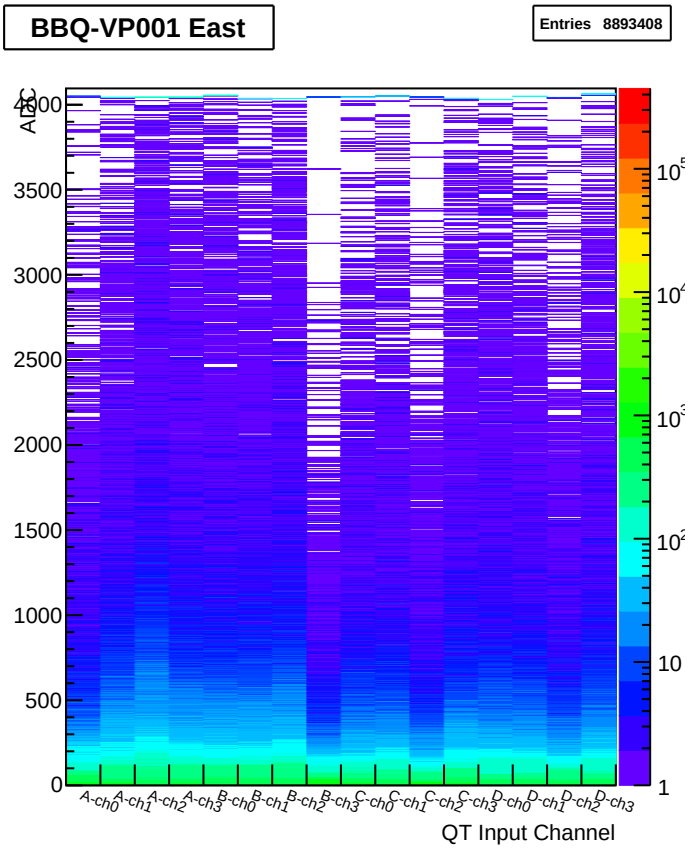

BBQ-BB001 (BBC east small tiles TAC)
Entries 8893408
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

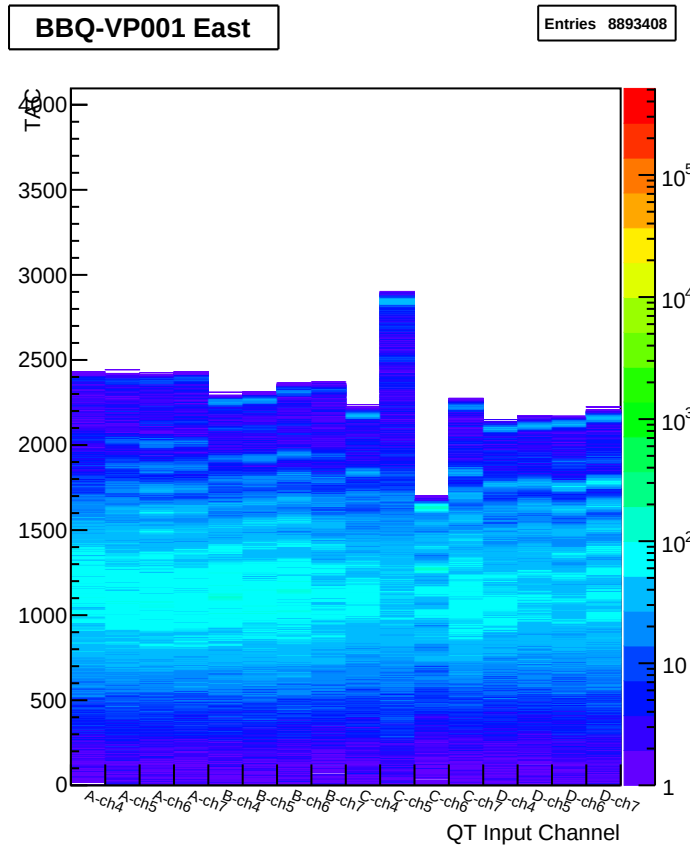

BBQ-BB002 (BBC west small tiles ADC)
Entries 8893408
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

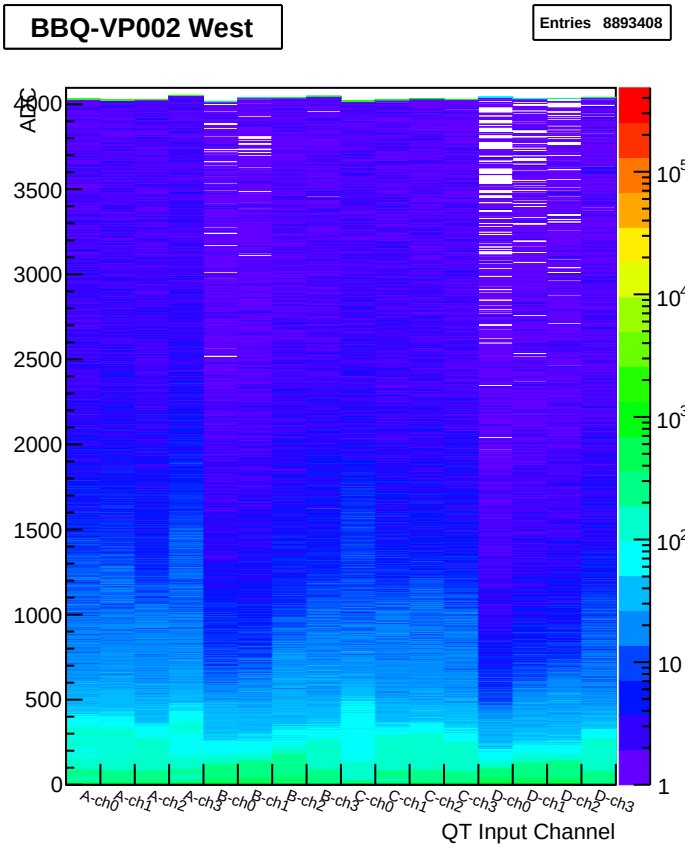

BBQ-BB002 (BBC west small tiles TAC)
Entries 8893408
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

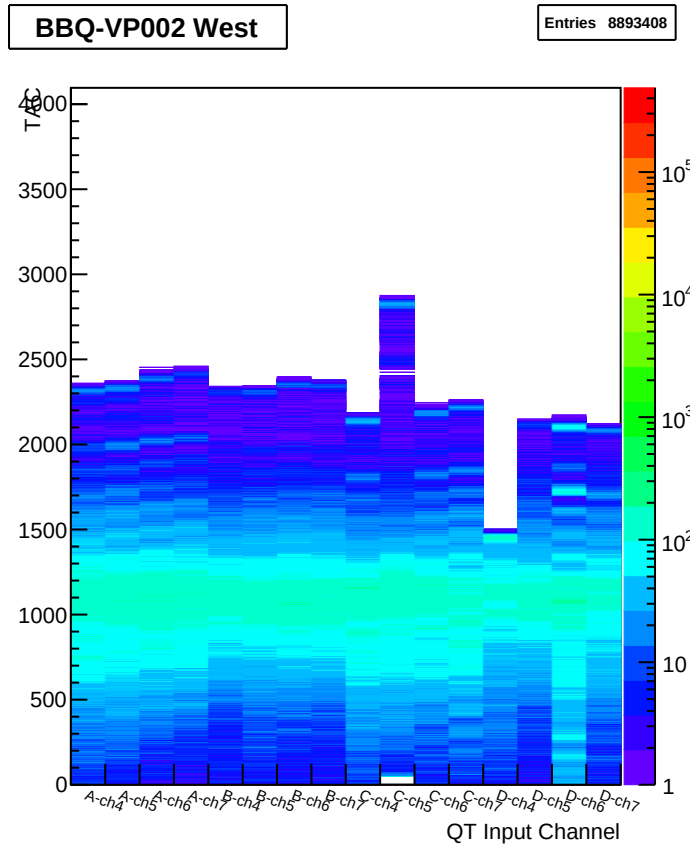

BBQ-ZD001 (ZDC TOWER)
Entries 8893408
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

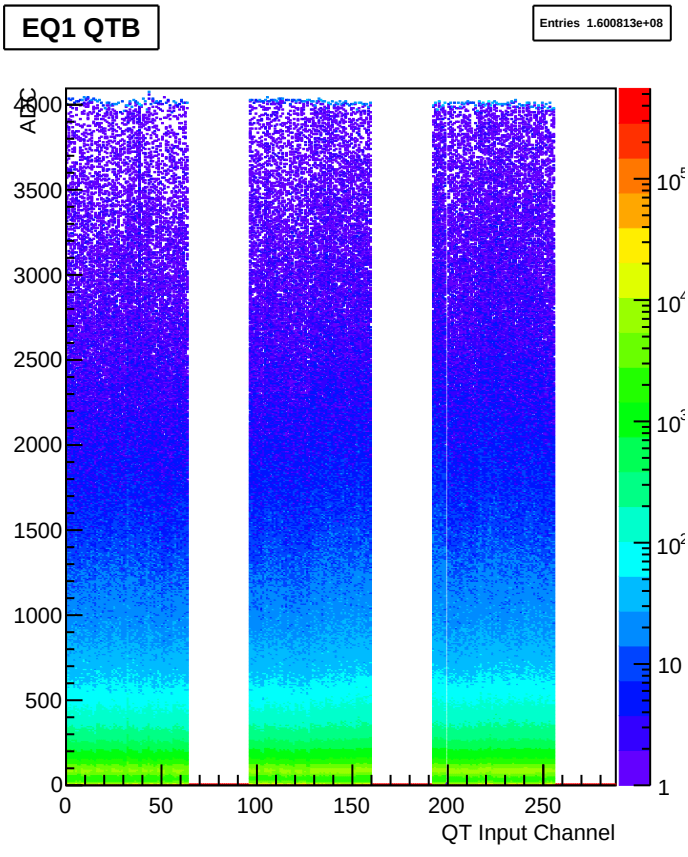

BBQ-ZD001 (ZDC TOWER)
Entries 8893408
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

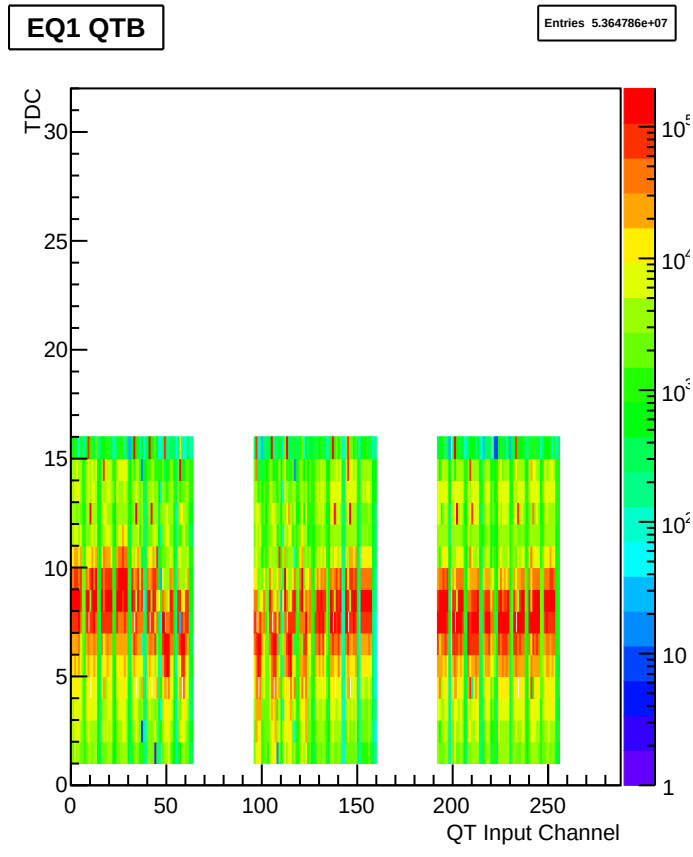

BBQ-VP001 East
Entries 8893408
ADC
QT Input Channel

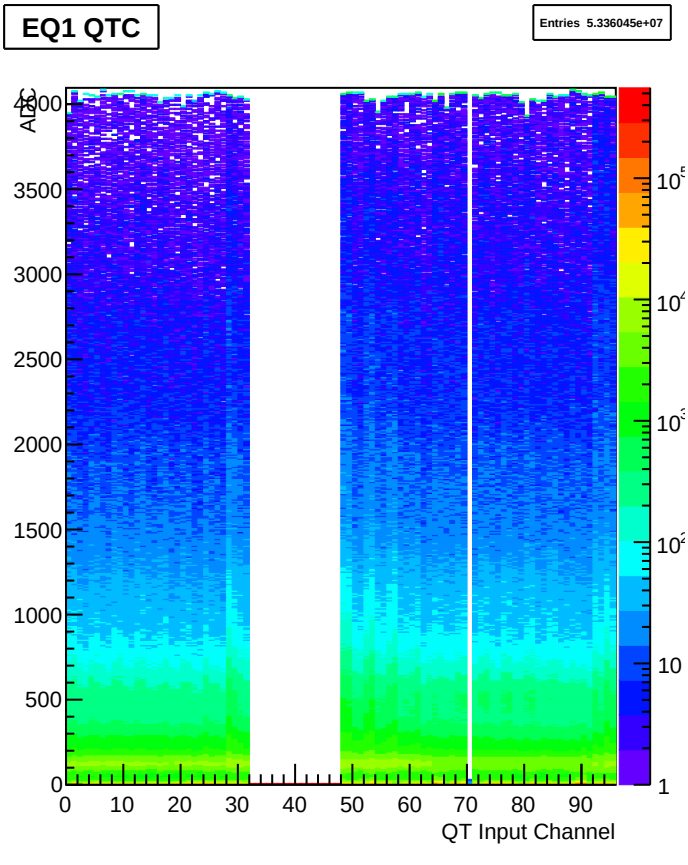

BBQ-VP001 East
Entries 8893408
ADC
QT Input Channel

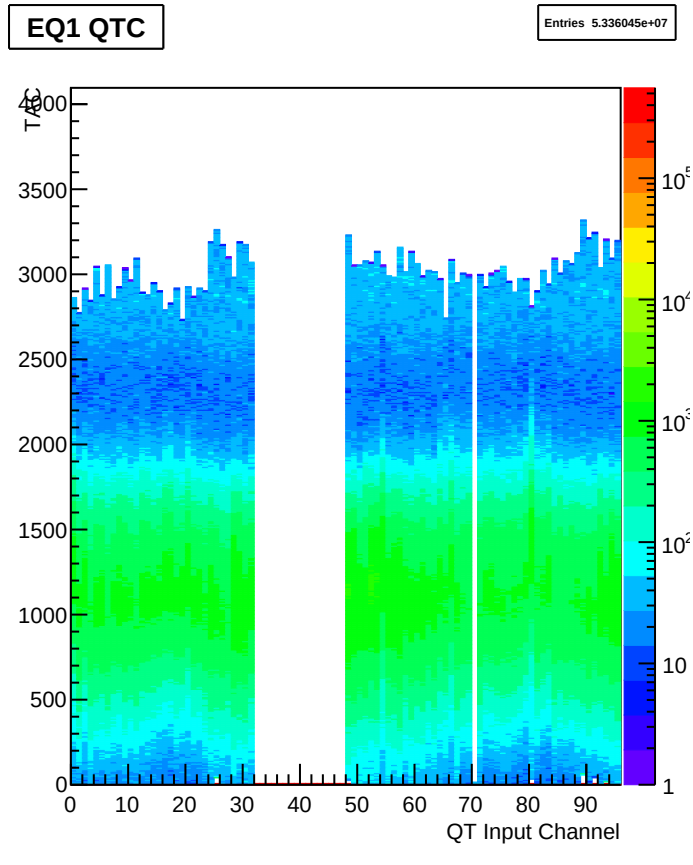

BBQ-VP002 West
Entries 8893408
ADC
QT Input Channel

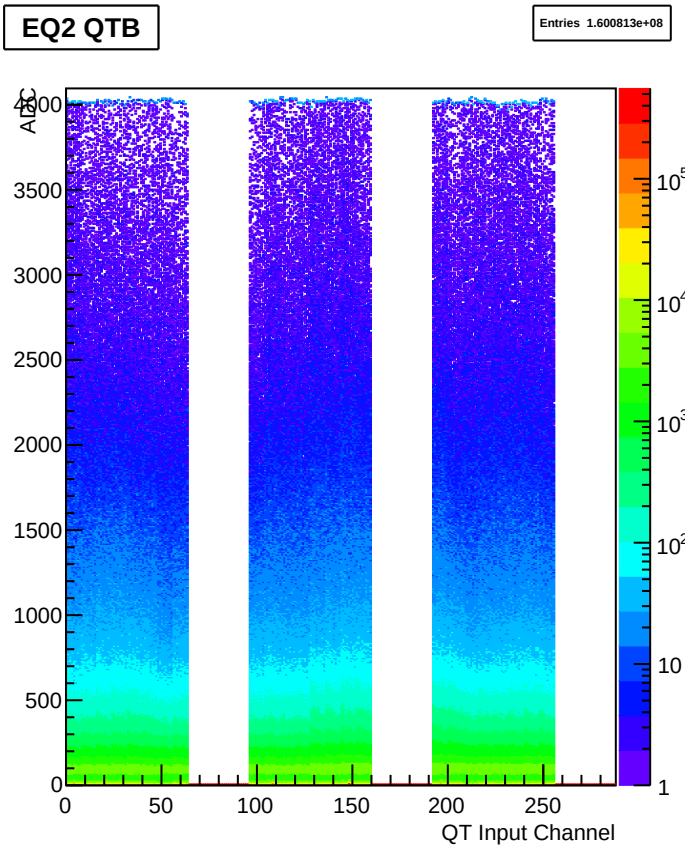

BBQ-VP002 West
Entries 8893408
ADC
QT Input Channel

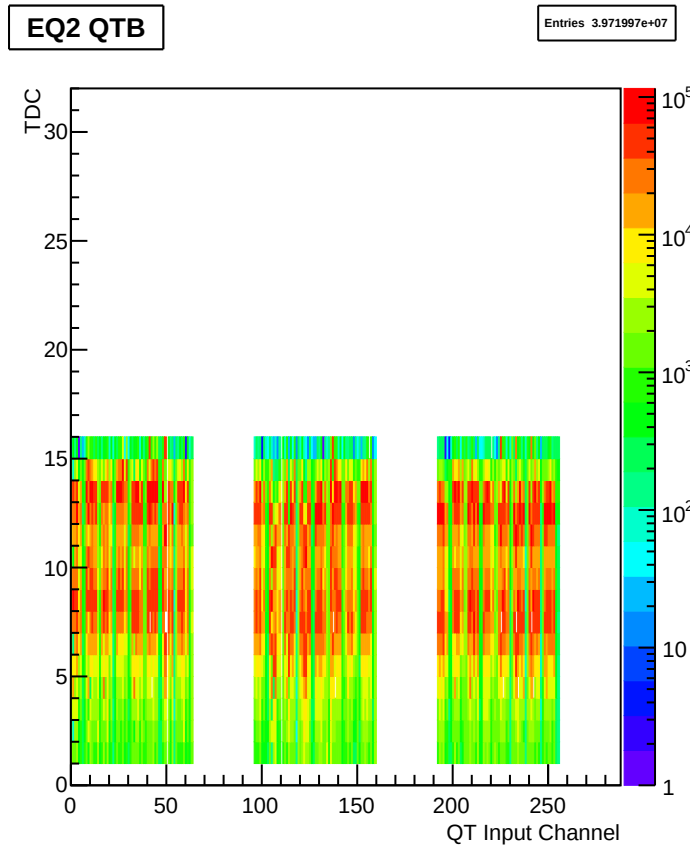

EQ1 QTB
Entries 1.600813e+08
ADC
QT Input Channel

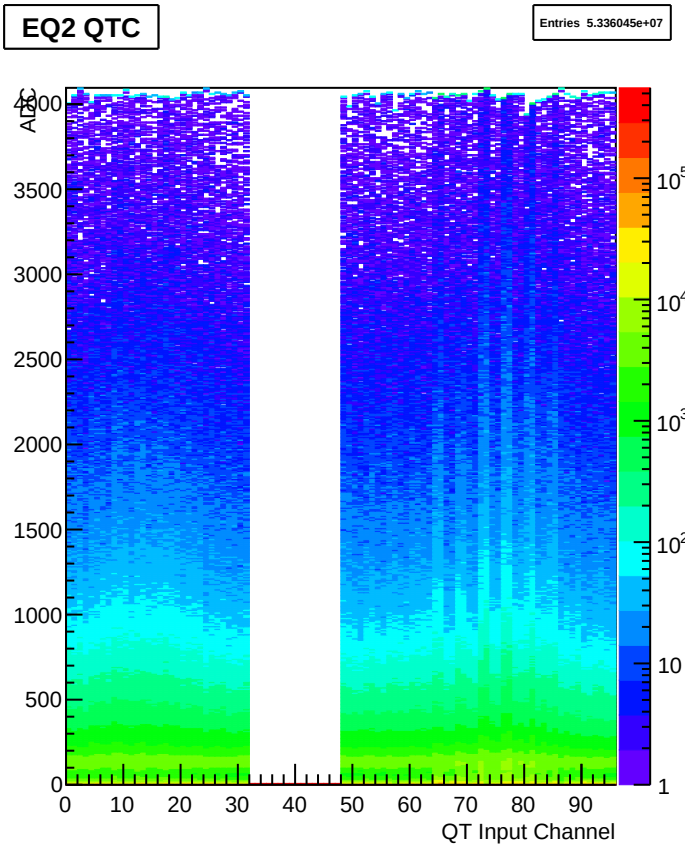

EQ1 QTB
Entries 5.364786e+07
TDC
QT Input Channel

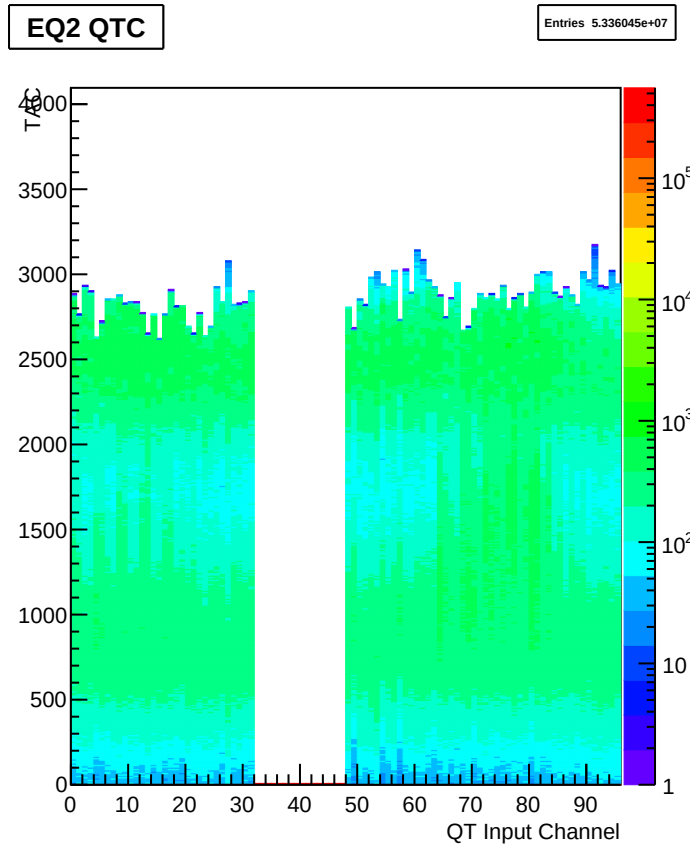

EQ1 QTC
Entries 5.336045e+07
ADC
QT Input Channel

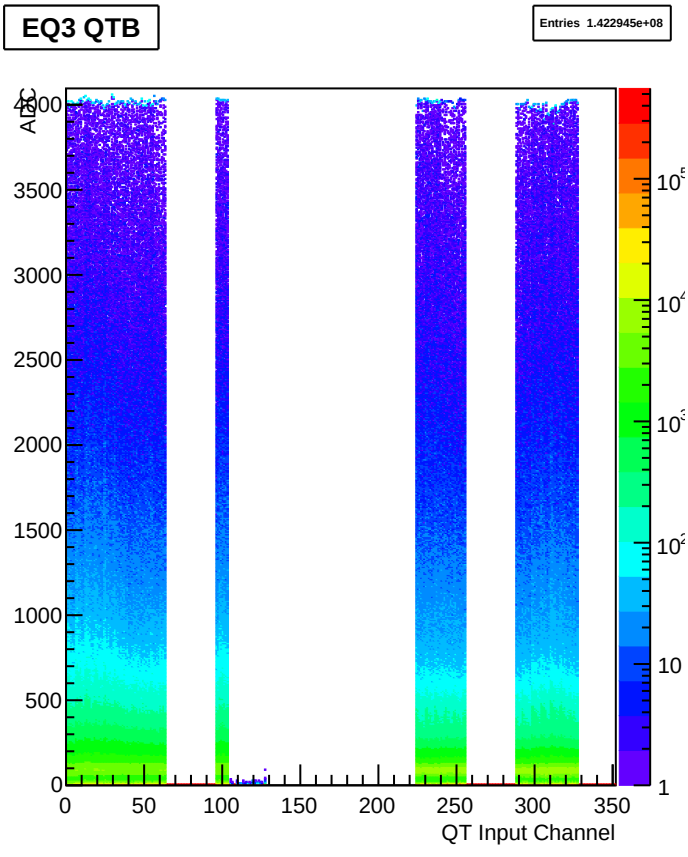

EQ1 QTC
Entries 5.336045e+07
TADC
QT Input Channel

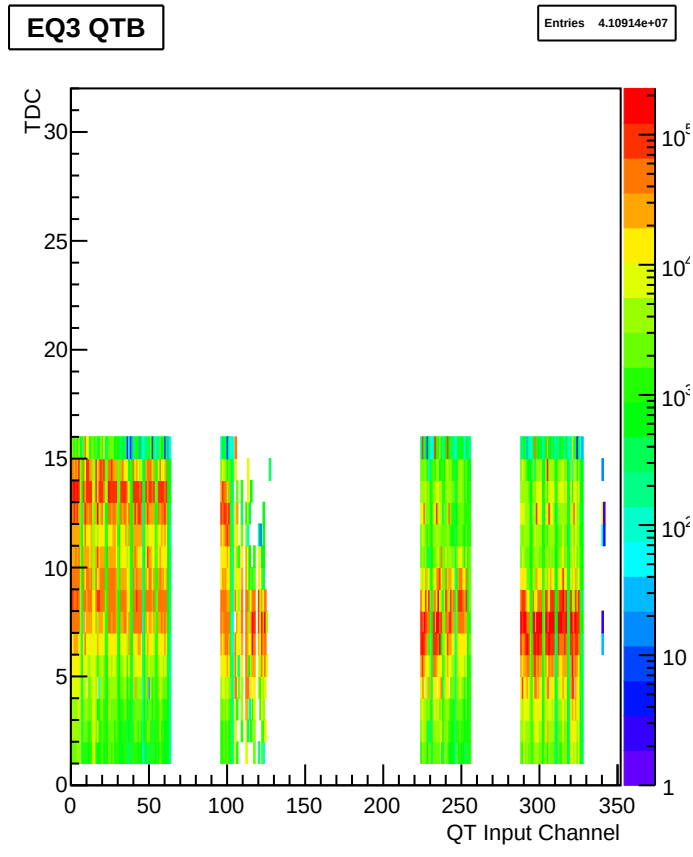

EQ2 QTB
Entries 1.600813e+08
ADC
QT Input Channel

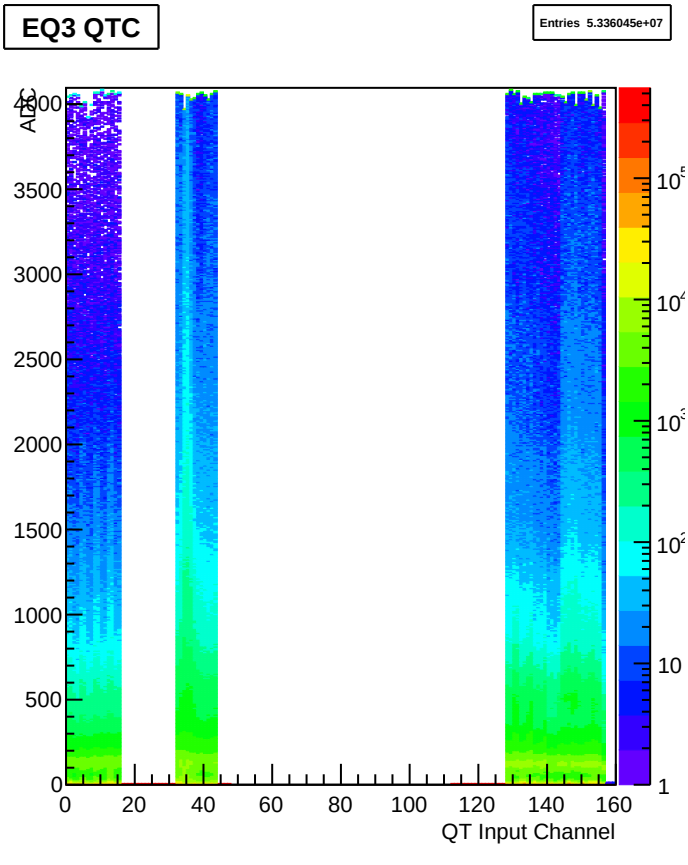

EQ2 QTB
Entries 3.971997e+07
TDC
QT Input Channel

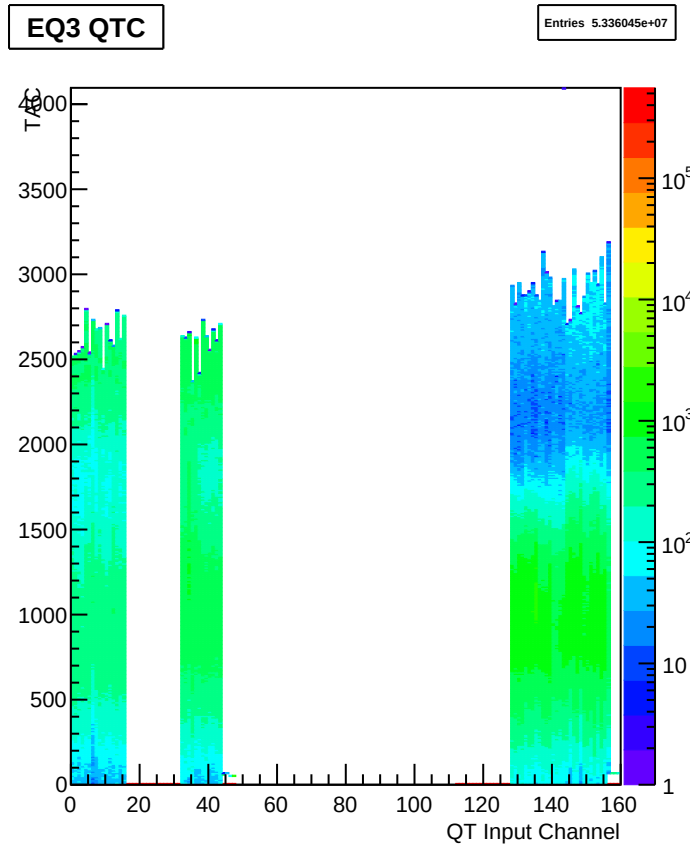

EQ2 QTC
Entries 5.336045e+07
ADC
QT Input Channel

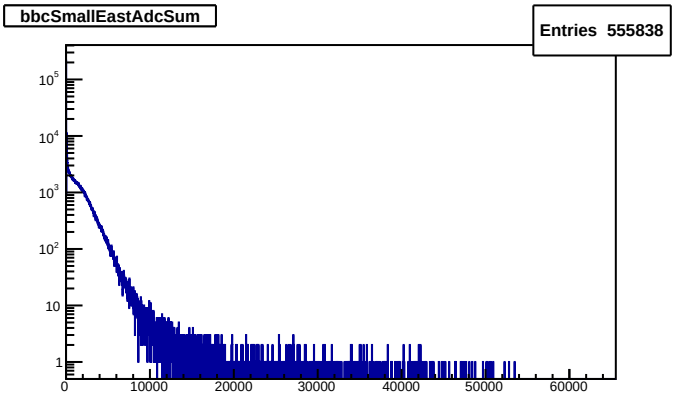

EQ2 QTC
Entries 5.336045e+07
TADC
QT Input Channel

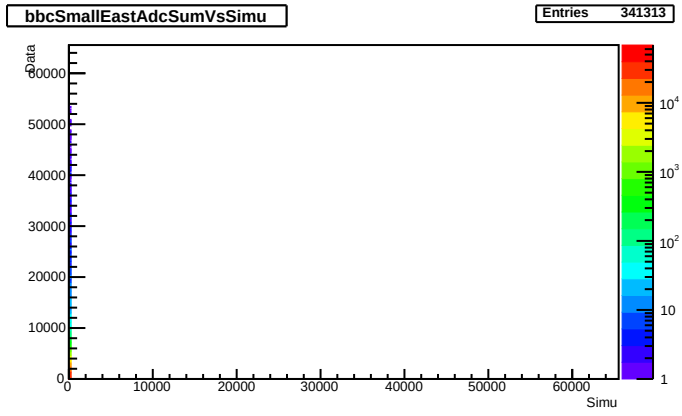

EQ3 QTB
Entries 1.422945e+08
ADC
QT Input Channel

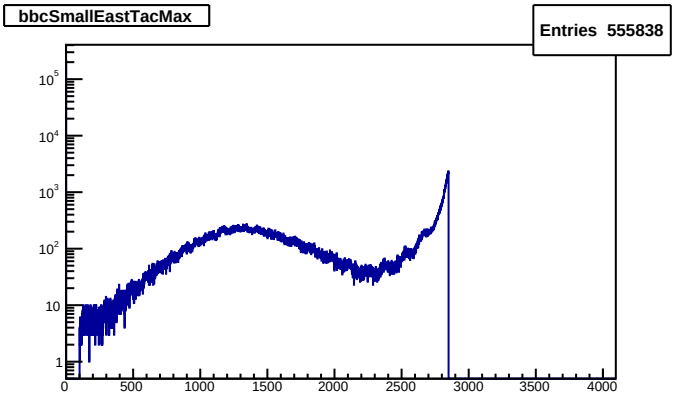

EQ3 QTB
Entries 4.10914e+07
TDC
QT Input Channel

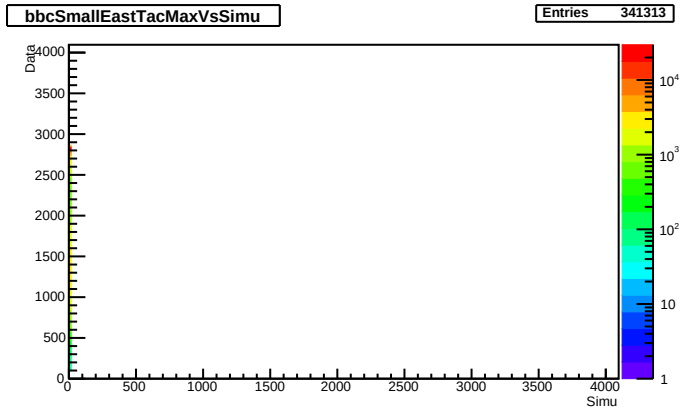

EQ3 QTC
Entries 5.336045e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.336045e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 555838


bbcSmallEastAdcSumVsSimu
Entries 341313
Data
Simu


bbcSmallEastTacMax
Entries 555838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Entries 341313
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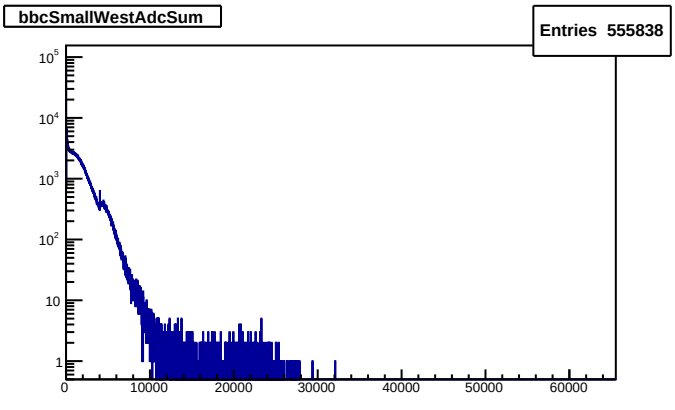
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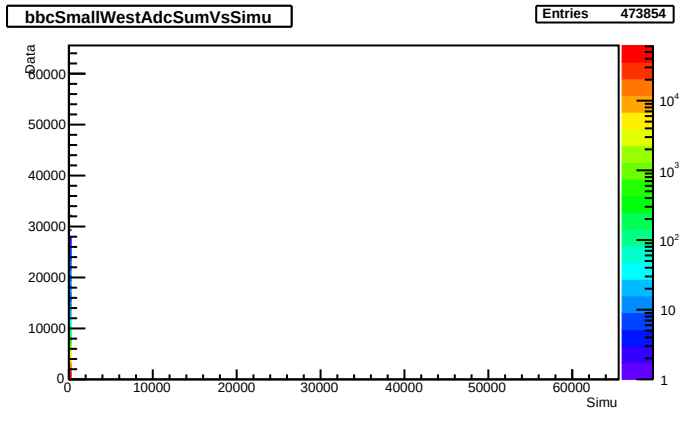
Entries 555838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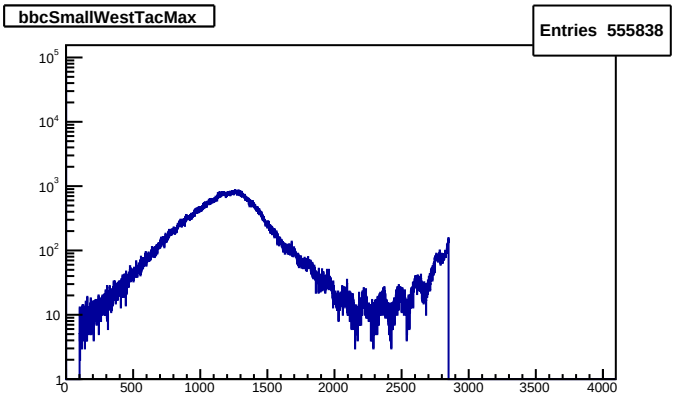
Entries 473854
Data
Simu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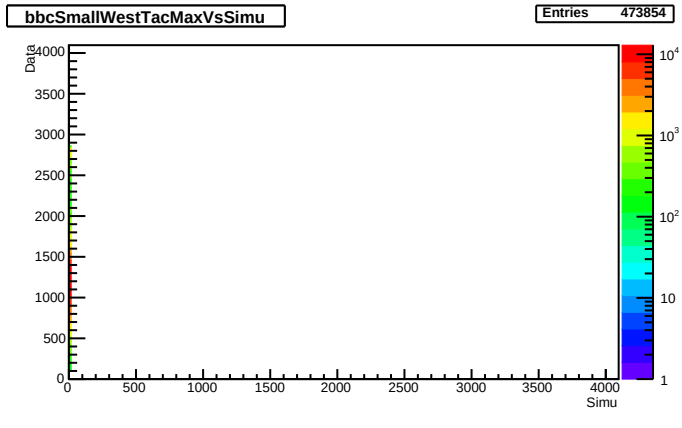
Entries 555838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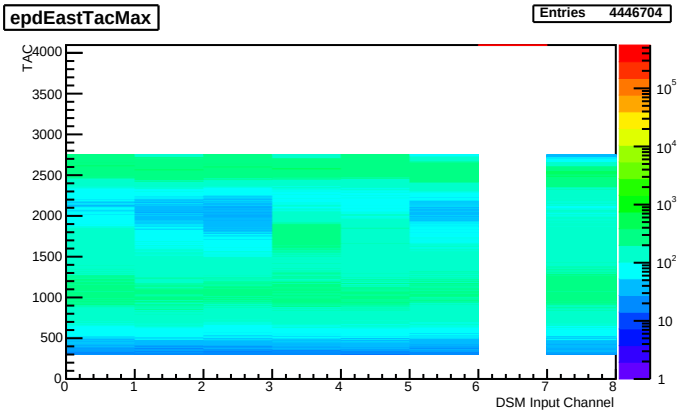
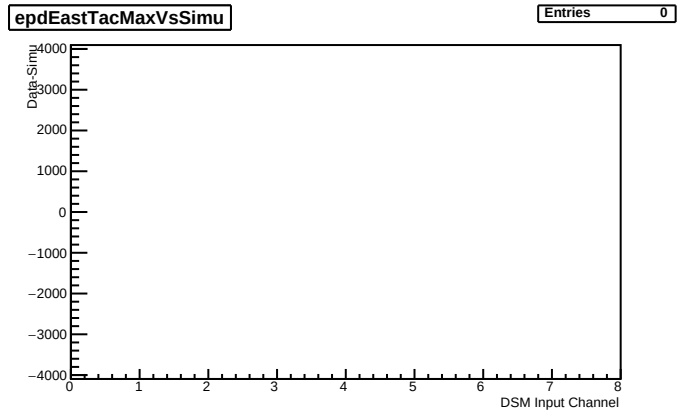
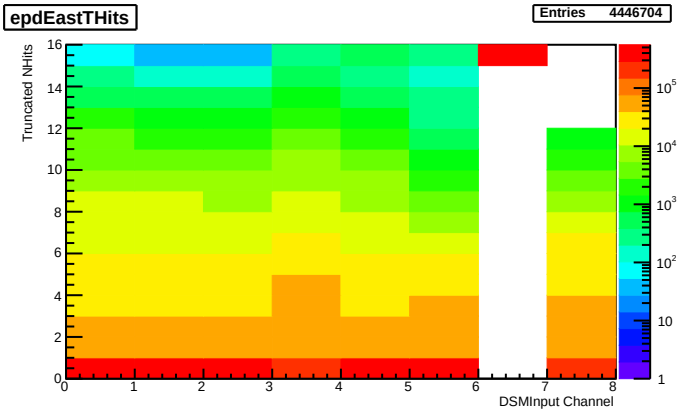
Entries 473854
Data
Simu


epdEastTacMax
Entries 4446704
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 4446704
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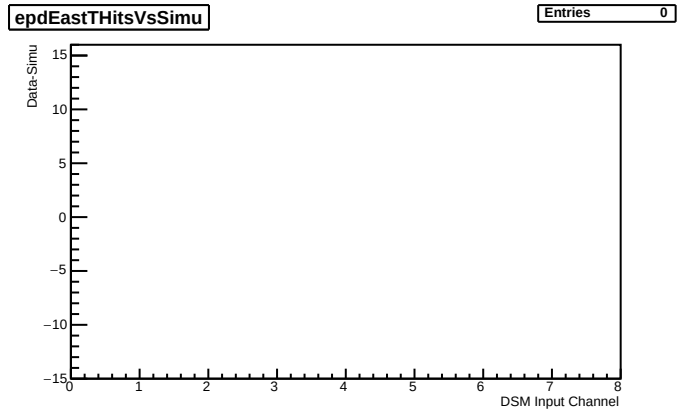
DSMInput Channel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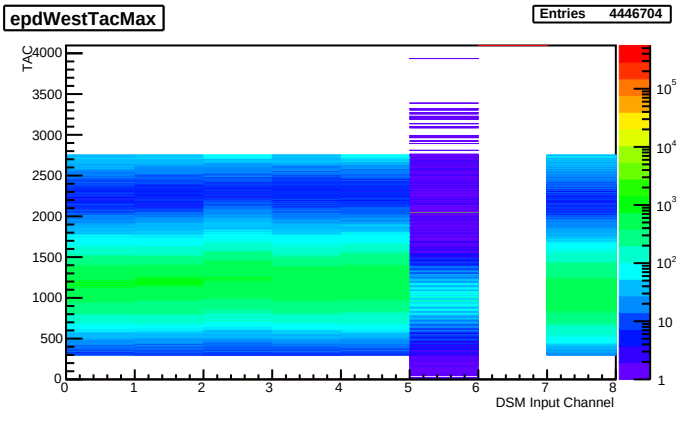
DSM Input Channel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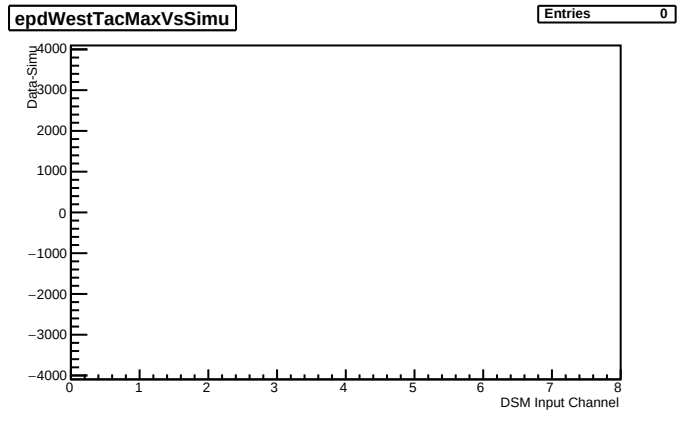
DSM Input Channel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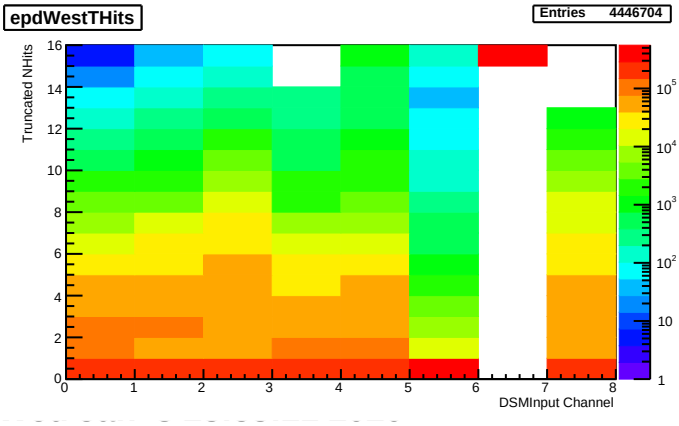
Data-Simu
DSM Input Channel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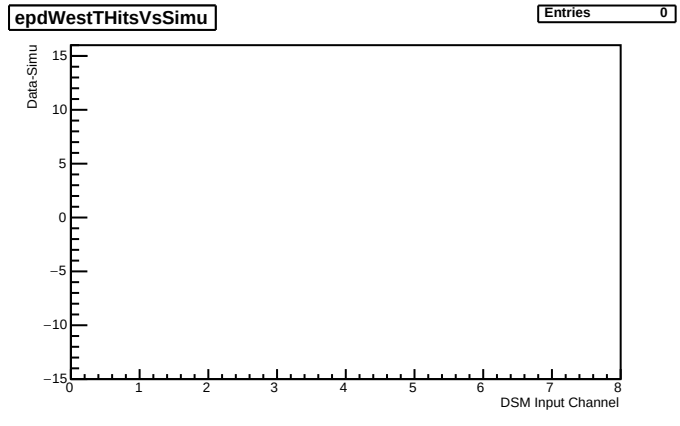
Entries 4446704
Truncated NHits
DSMInput Channel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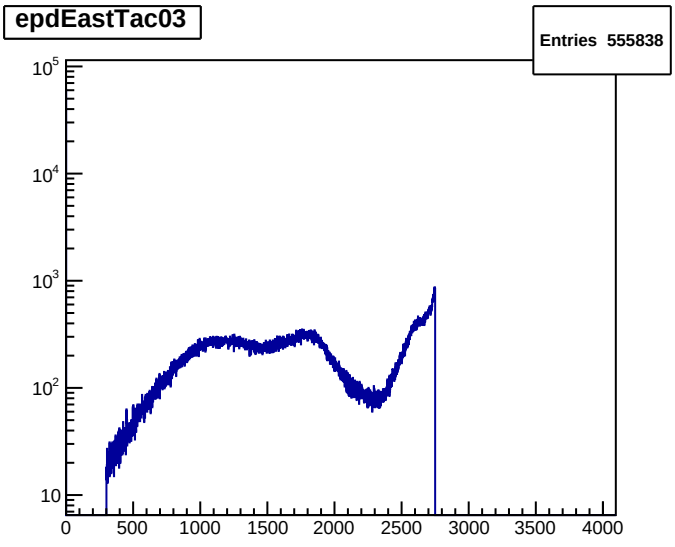
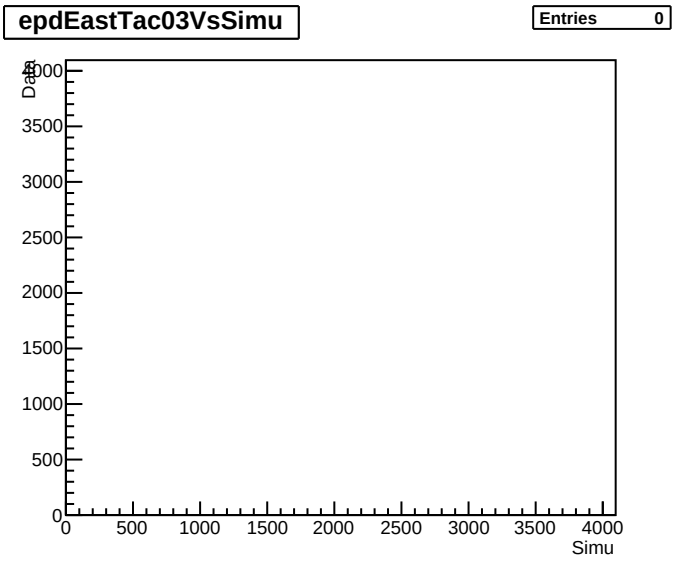
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 555838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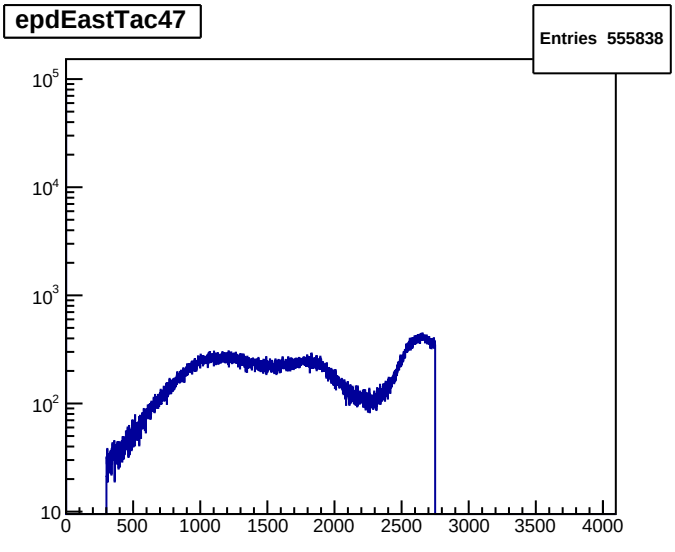
Entries 0
Data
Simu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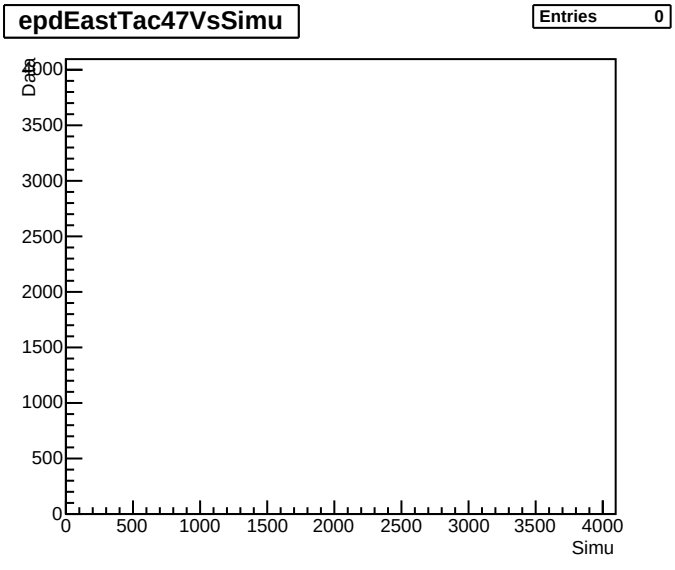
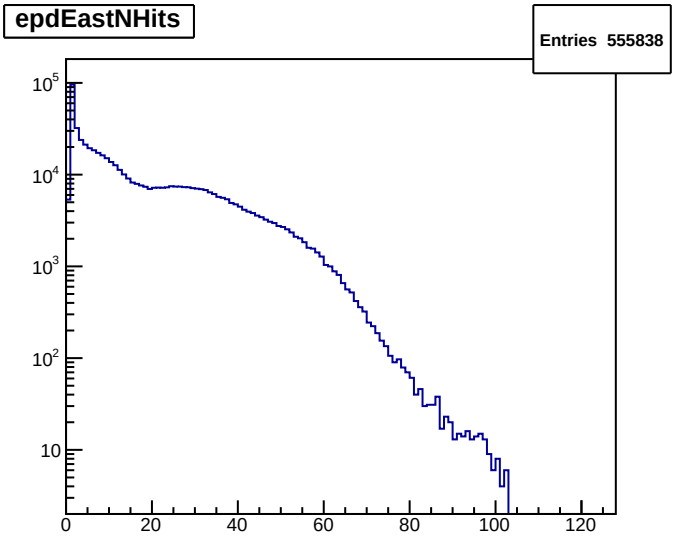
Entries 555838


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
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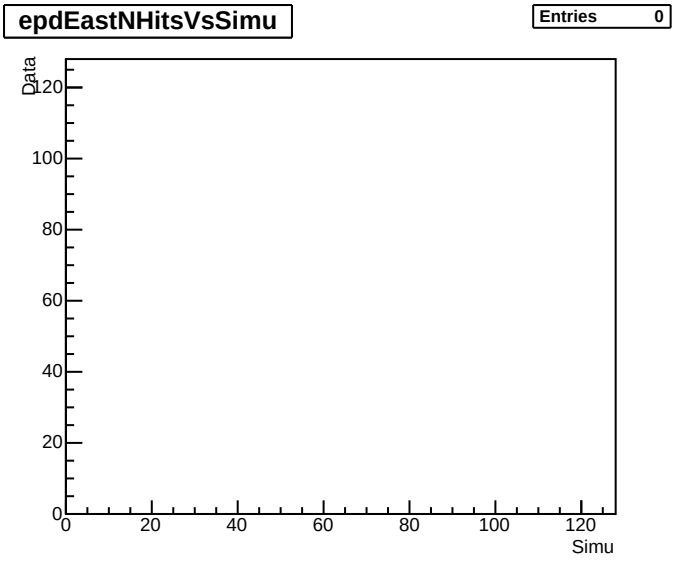
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Data
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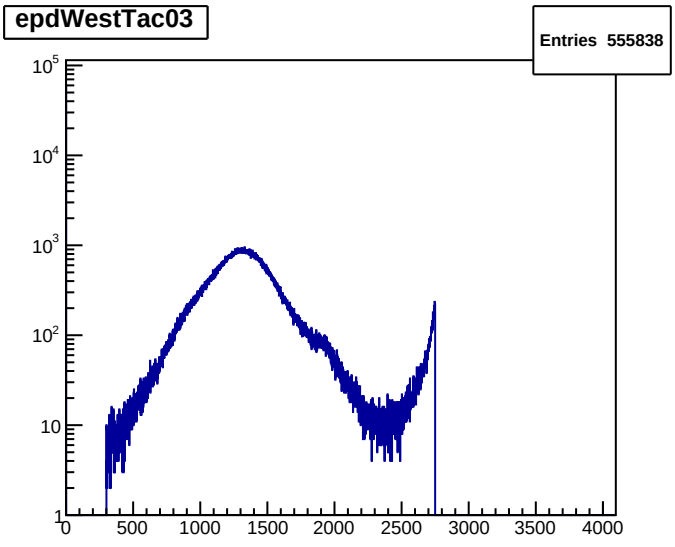
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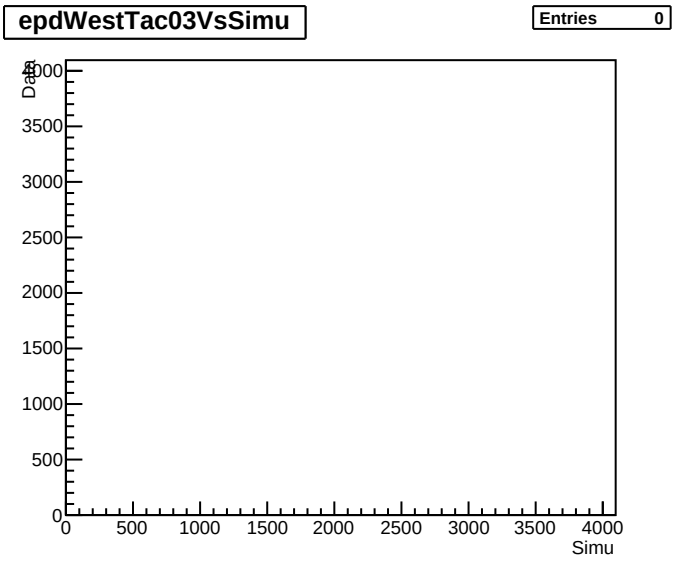
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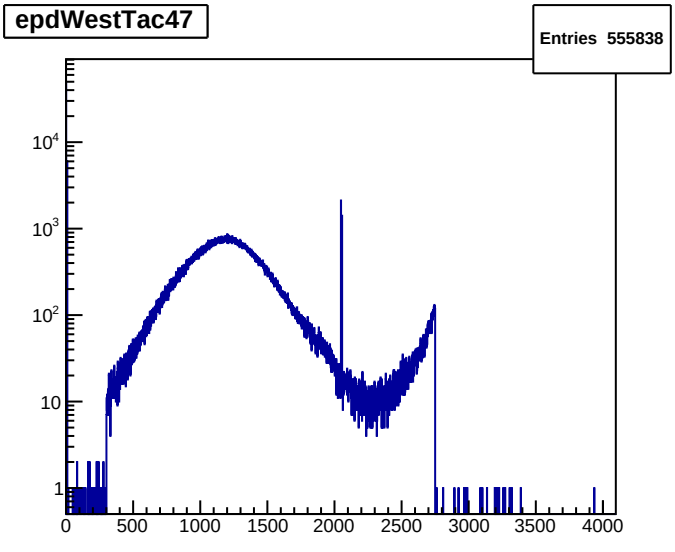
Simu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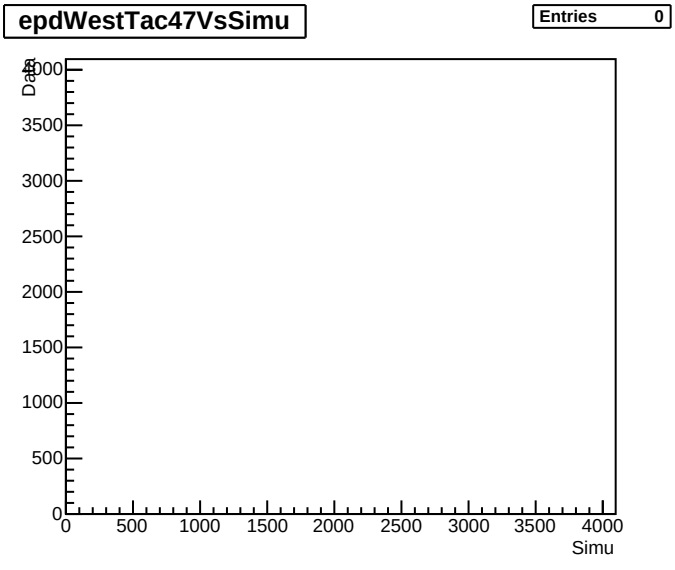
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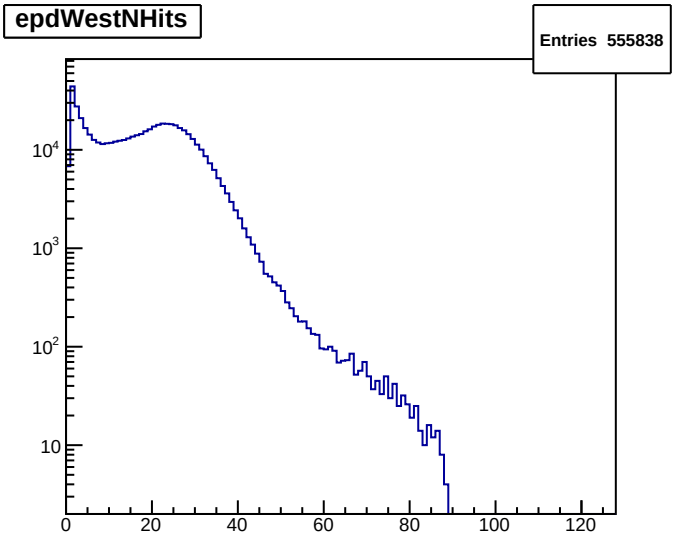
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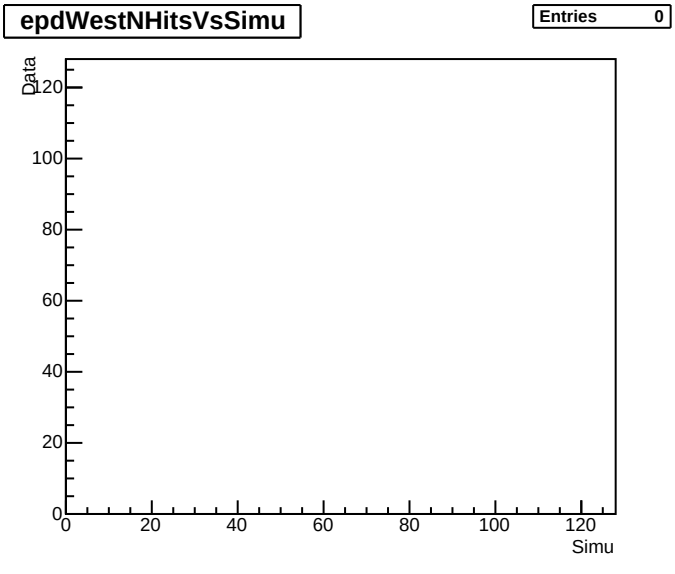
Entries 555838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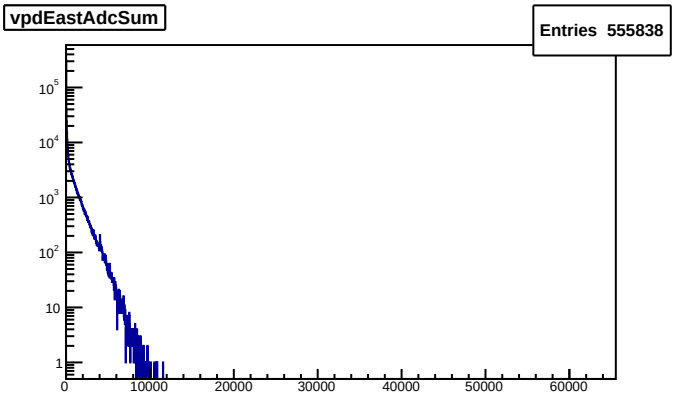
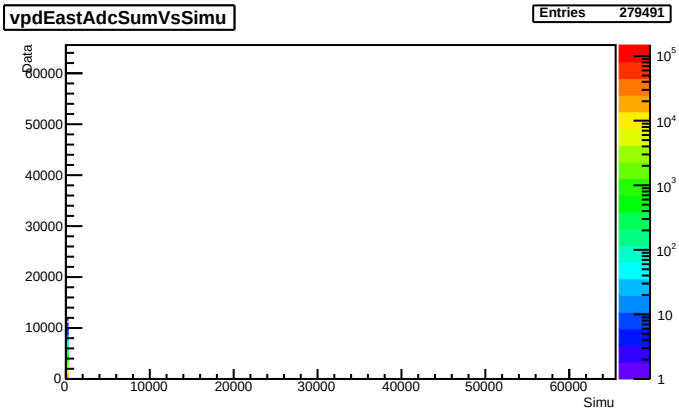
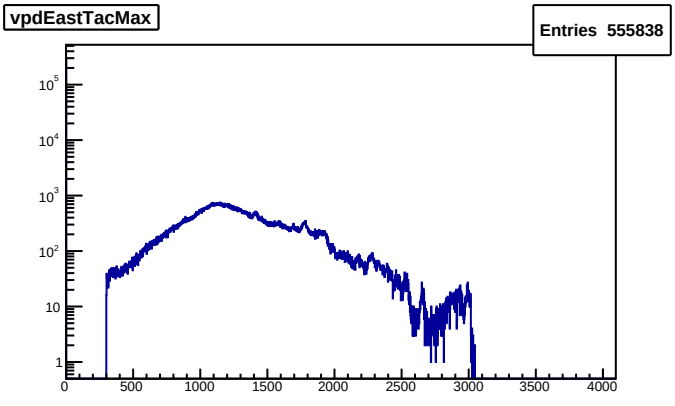
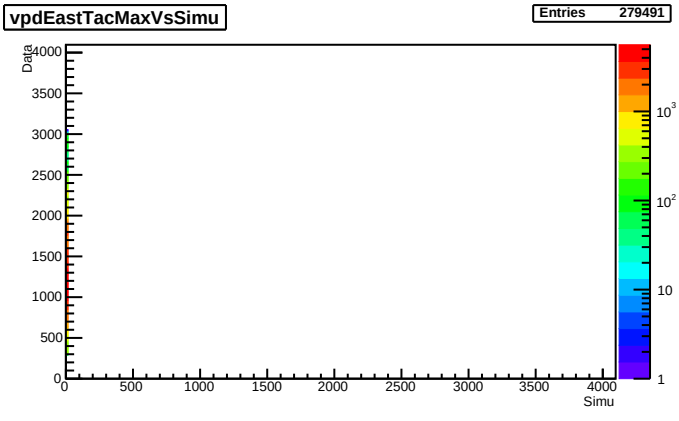
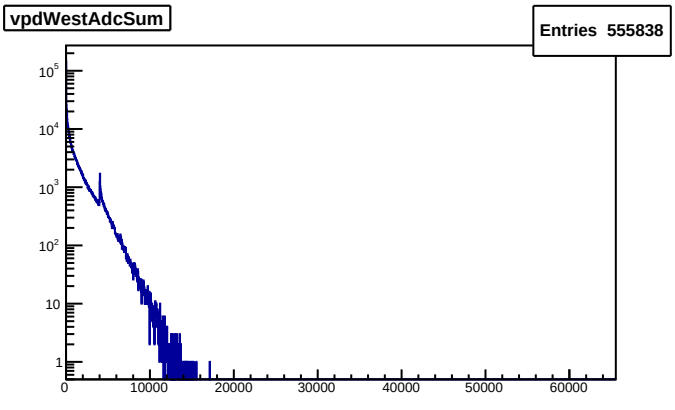
Entries 0
Data
Simu

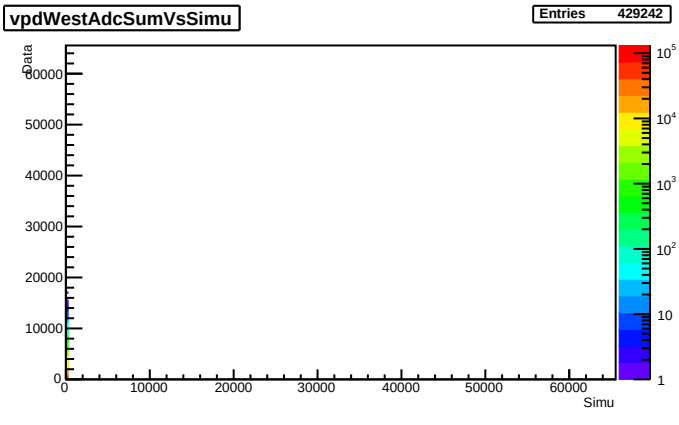

vpdEastAdcSum
Entries 555838

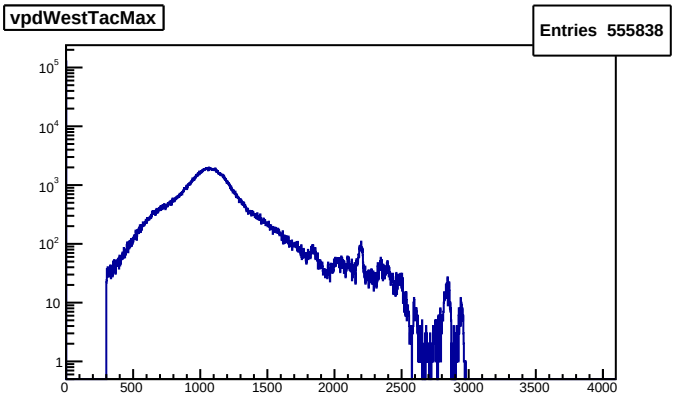

vpdEastAdcSumVsSimu
Entries 279491
Data
Simu

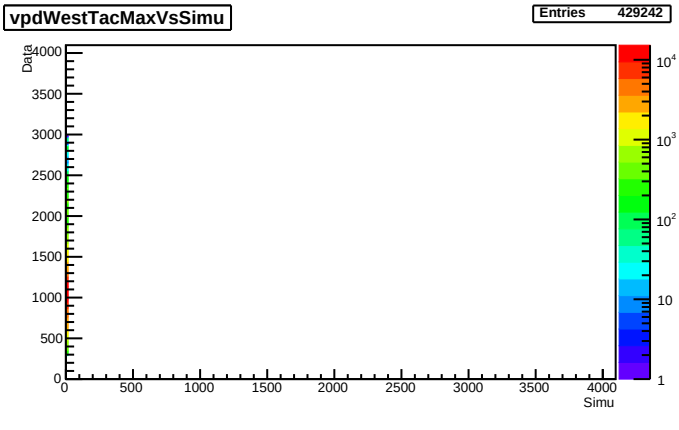

vpdEastTacMax
Entries 555838

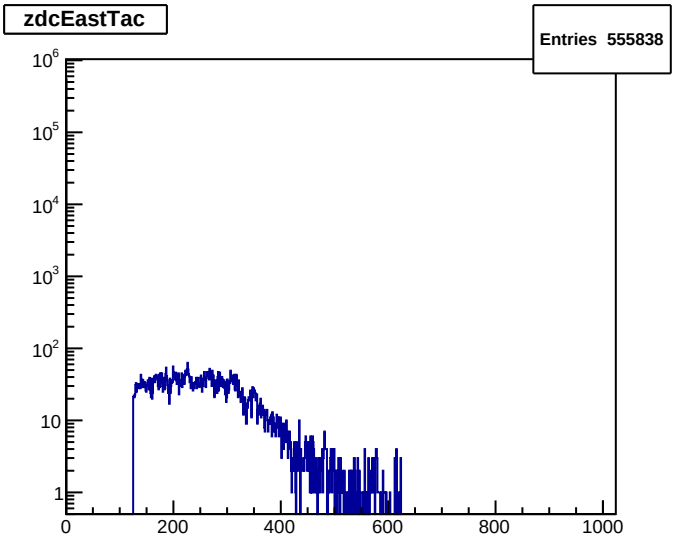

vpdEastTacMaxVsSimu
Entries 279491
Data
Simu

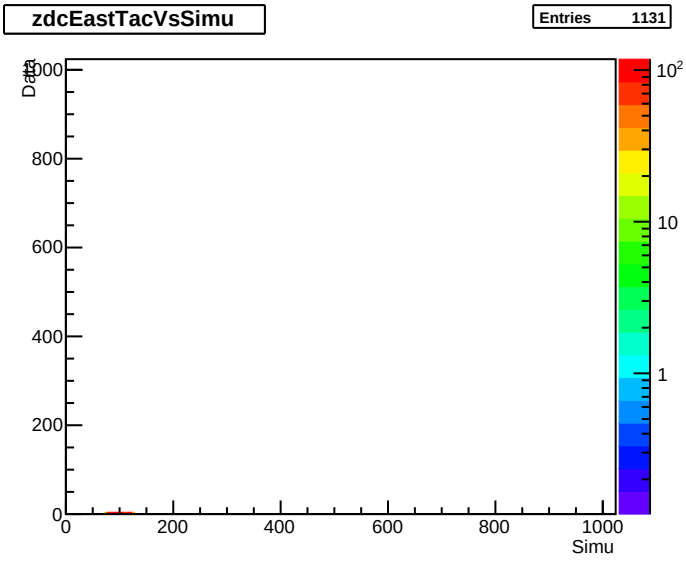

vpdWestAdcSum
Entries 555838

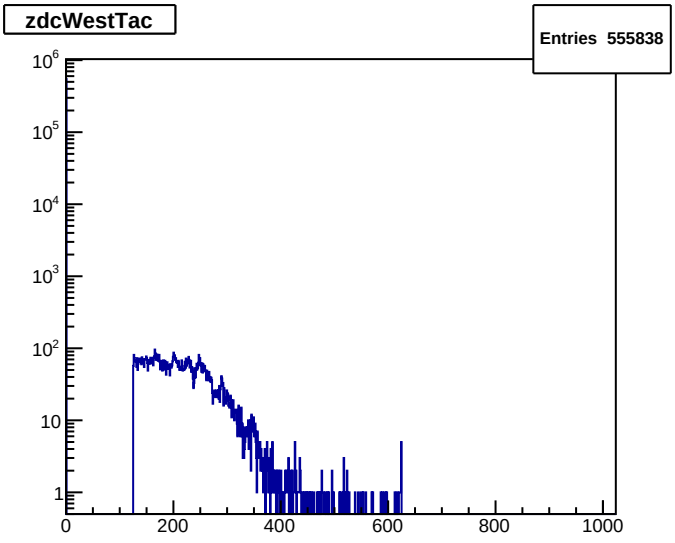

vpdWestAdcSumVsSimu
Entries 429242
Data
Simu

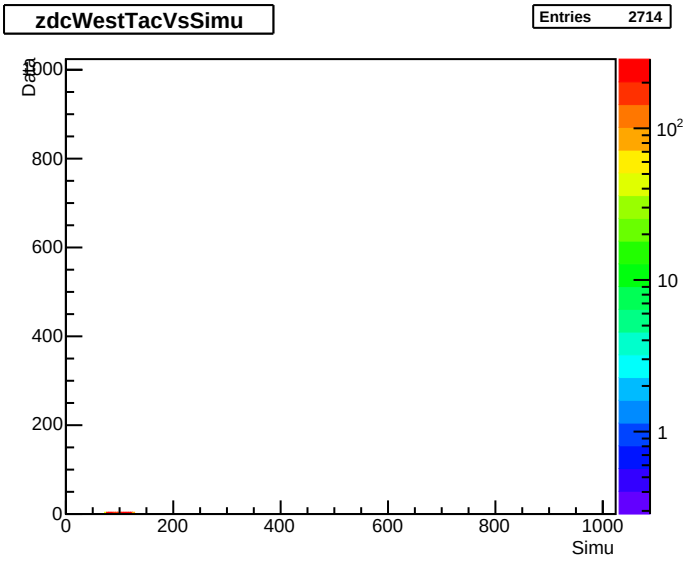

vpdWestTacMax
Entries 555838

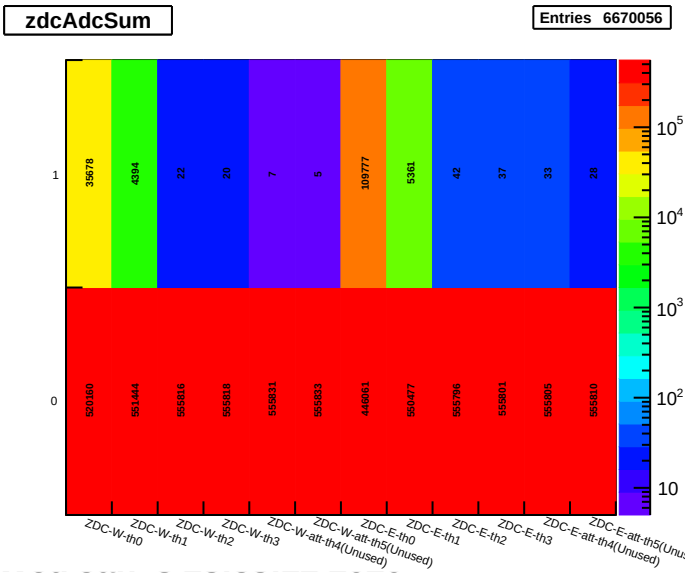

vpdWestTacMaxVsSimu
Entries 429242
Data
Simu

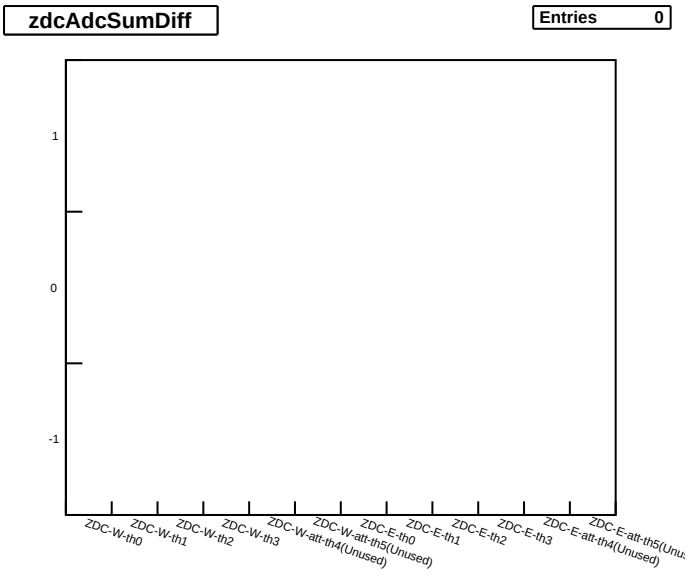

zdcEastTac
Entries 555838

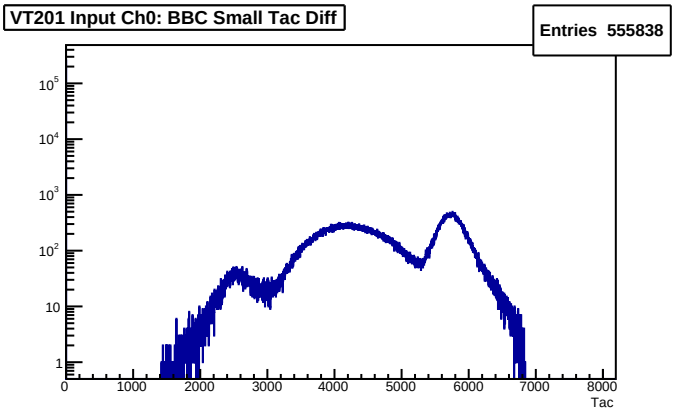

zdcEastTacVsSimu
Entries 1131
Data
Simu

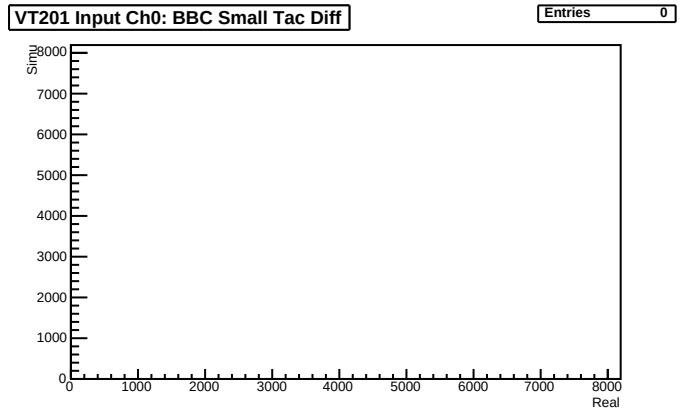

zdcWestTac
Entries 555838

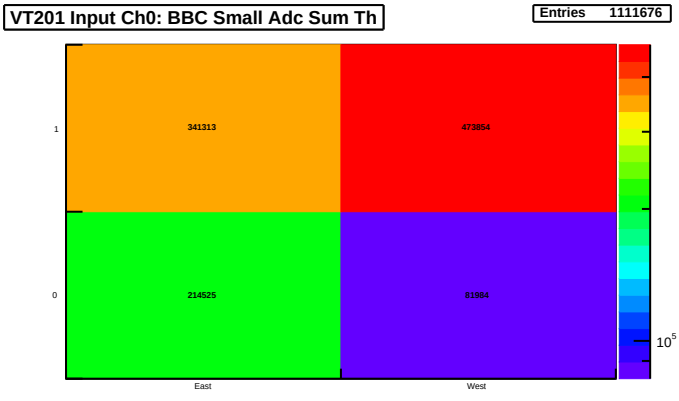

zdcWestTacVsSimu
Entries 2714
Data
Simu

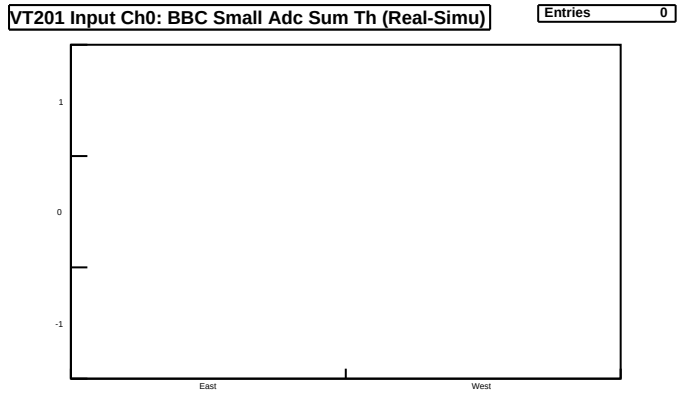

zdcAdcSum
Entries 6670056
35678
4394
22
20
7
5
109777
5361
42
37
33
28
520160
551444
555816
555818
555831
555833
446061
550477
555796
555801
555805
555810
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

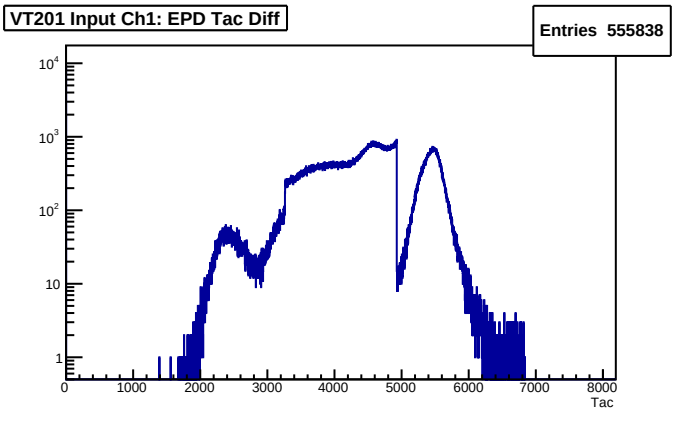

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

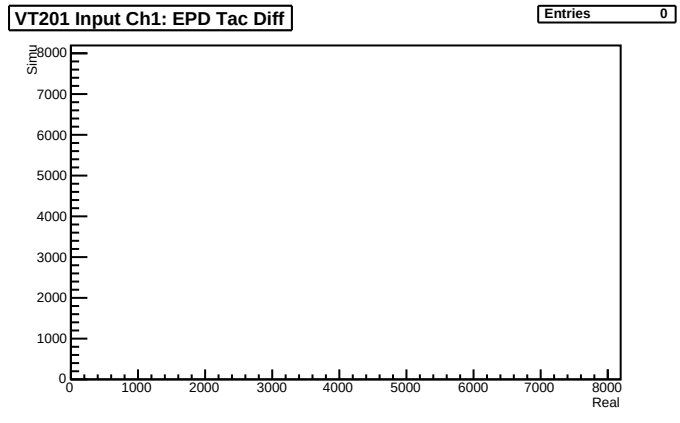

VT201 Input Ch0: BBC Small Tac Diff
Entries 555838
Tac

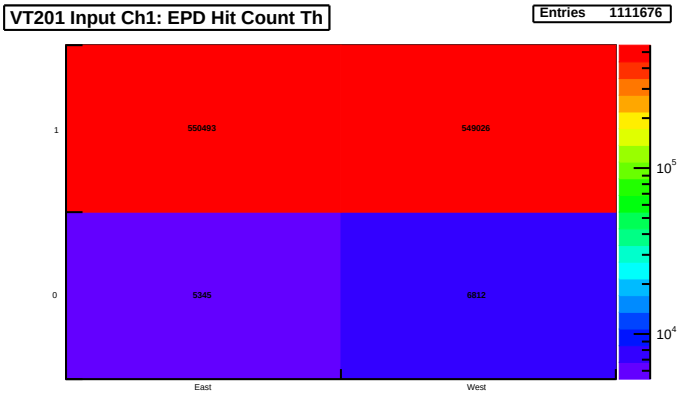

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

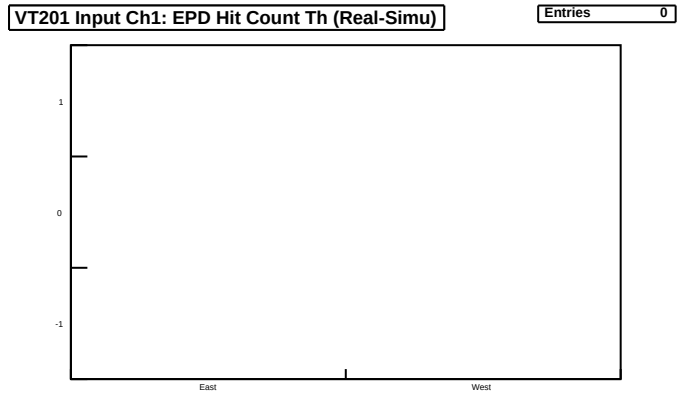

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1111676
341313
473854
214525
81984
East
West

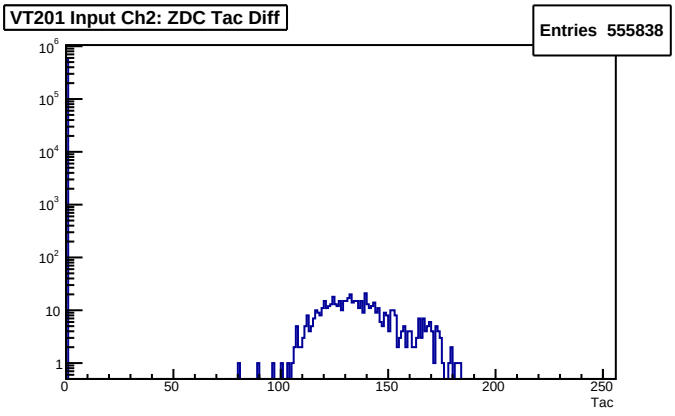

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

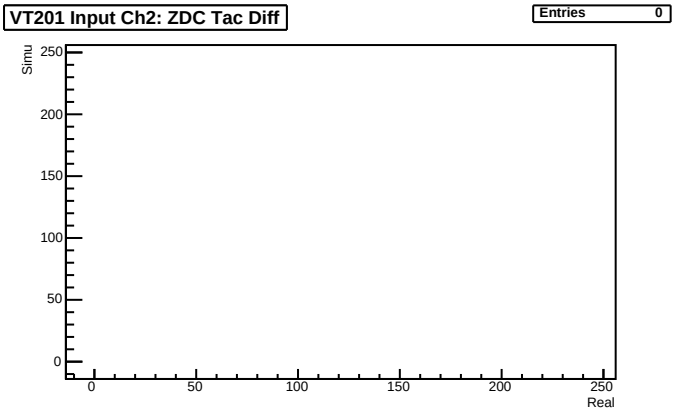

VT201 Input Ch1: EPD Tac Diff
Entries 555838
Tac

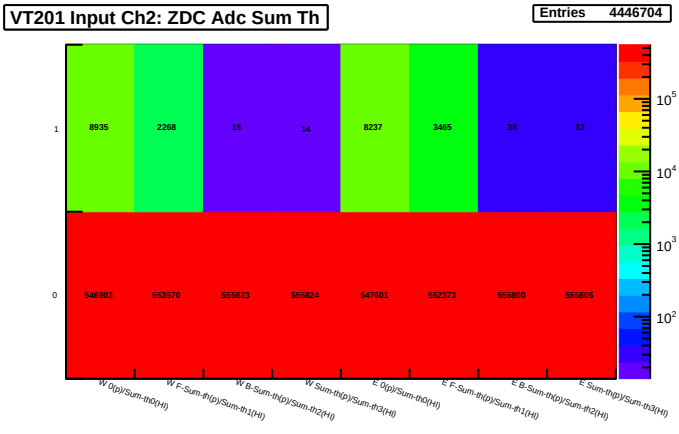

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

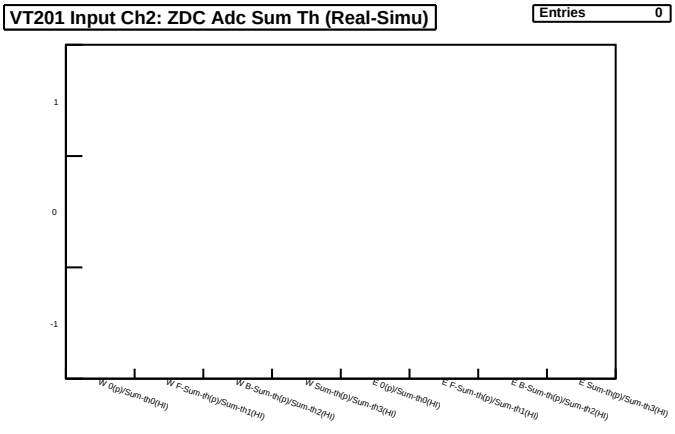

VT201 Input Ch1: EPD Hit Count Th
Entries 1111676
550493
549026
5345
6812
East
West

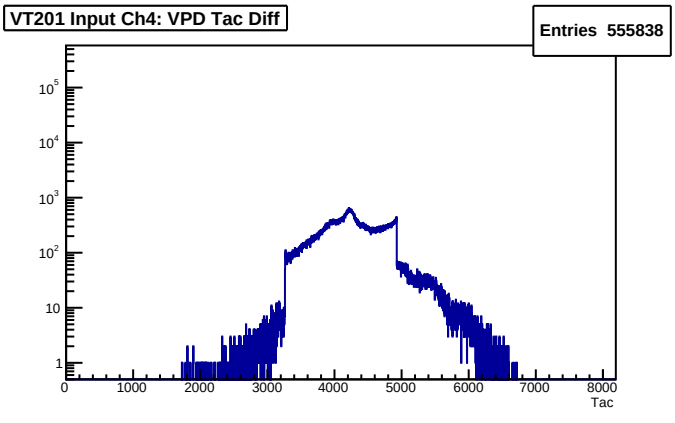

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

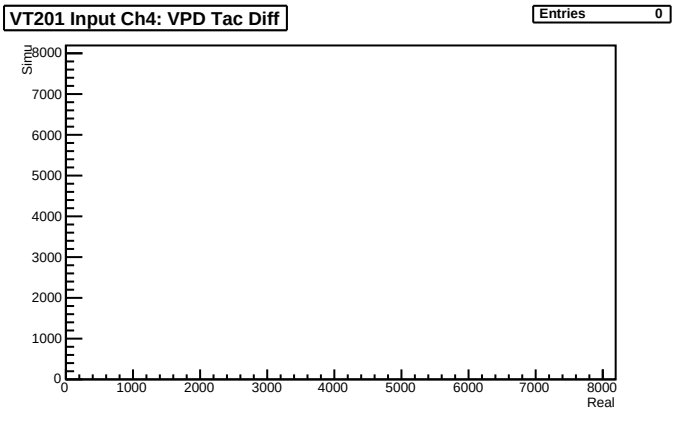

VT201 Input Ch2: ZDC Tac Diff
Entries 555838
Tac

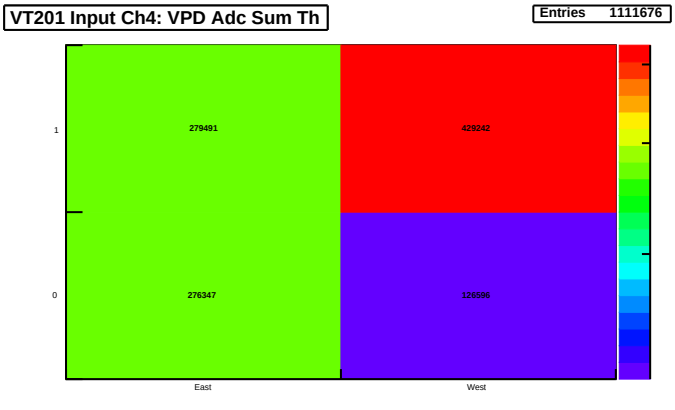

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

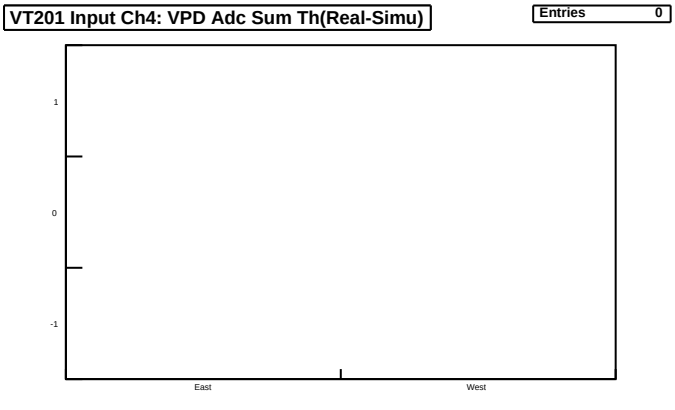

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4446704
8935
2268
15
14
8237
3465
38
33
546903
553570
555823
555824
547601
552373
555800
555805
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

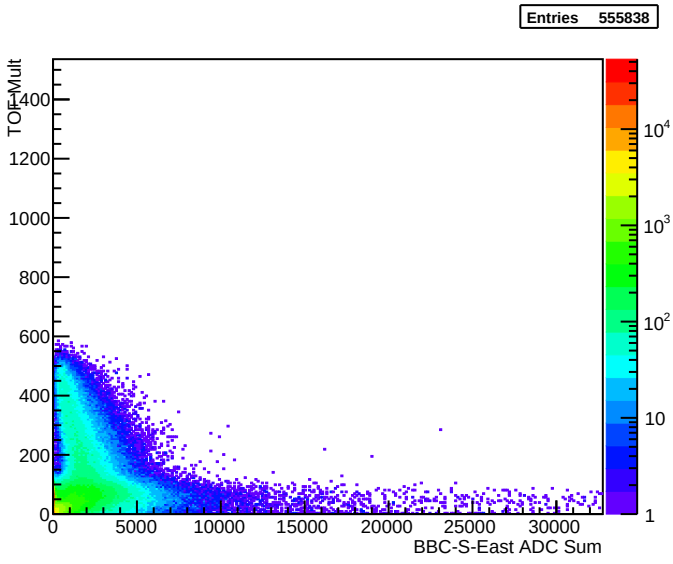

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

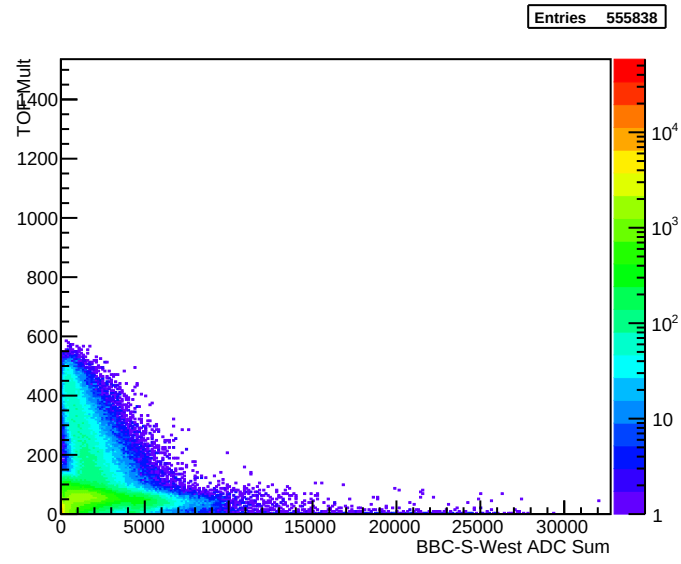

VT201 Input Ch4: VPD Tac Diff
Entries 555838
Tac

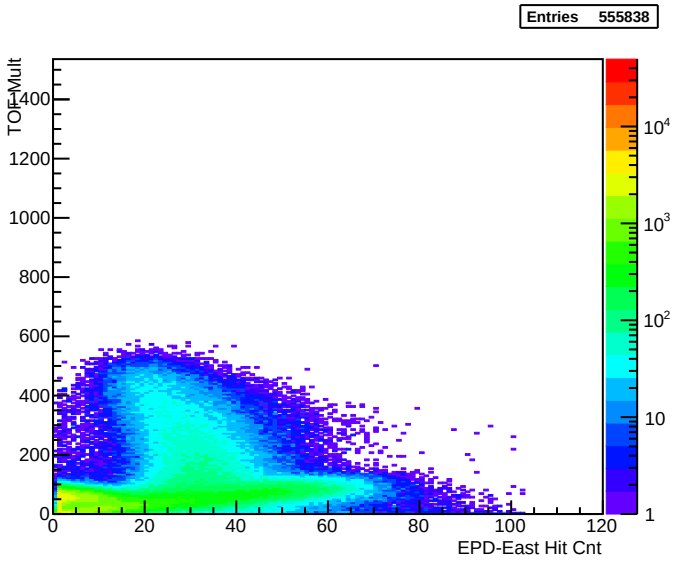

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

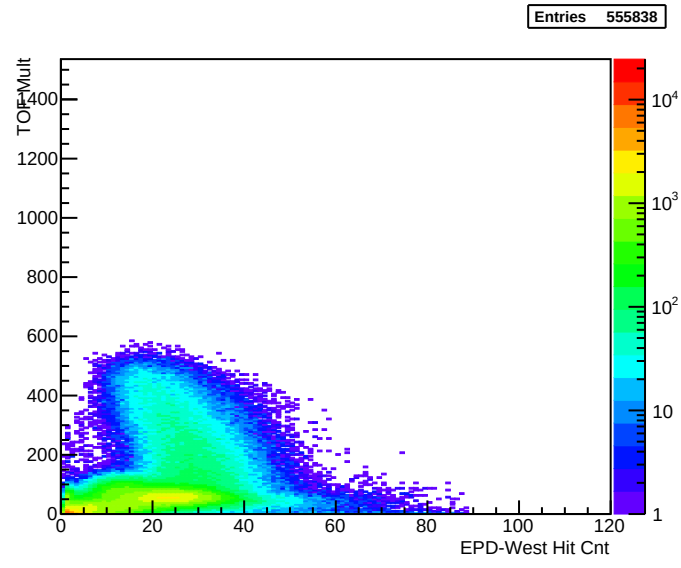

VT201 Input Ch4: VPD Adc Sum Th
Entries 1111676
279491
429242
276347
126596
East
West

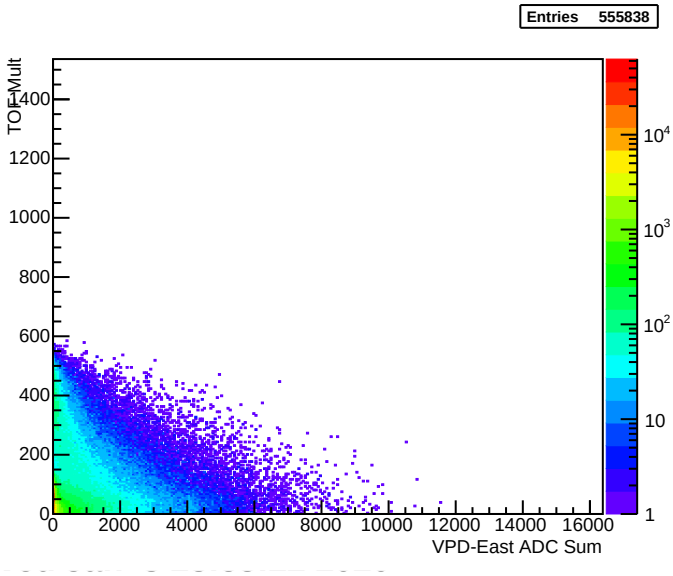

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

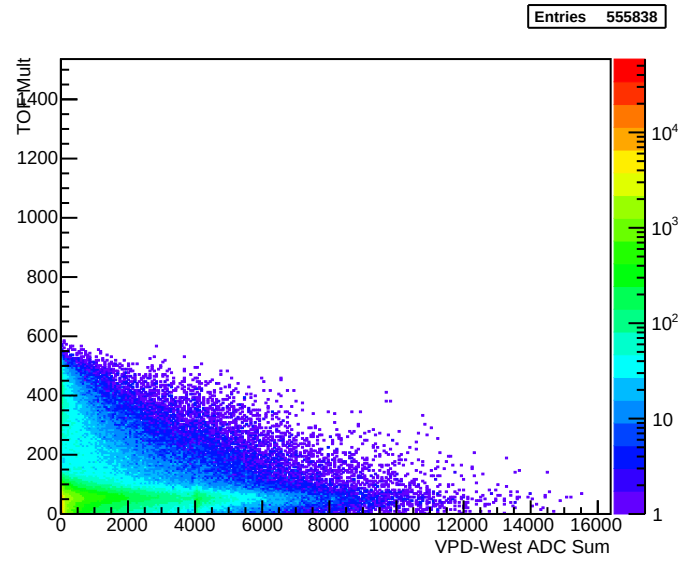

Entries 555838
TOF-Mult
BBC-S-East ADC Sum

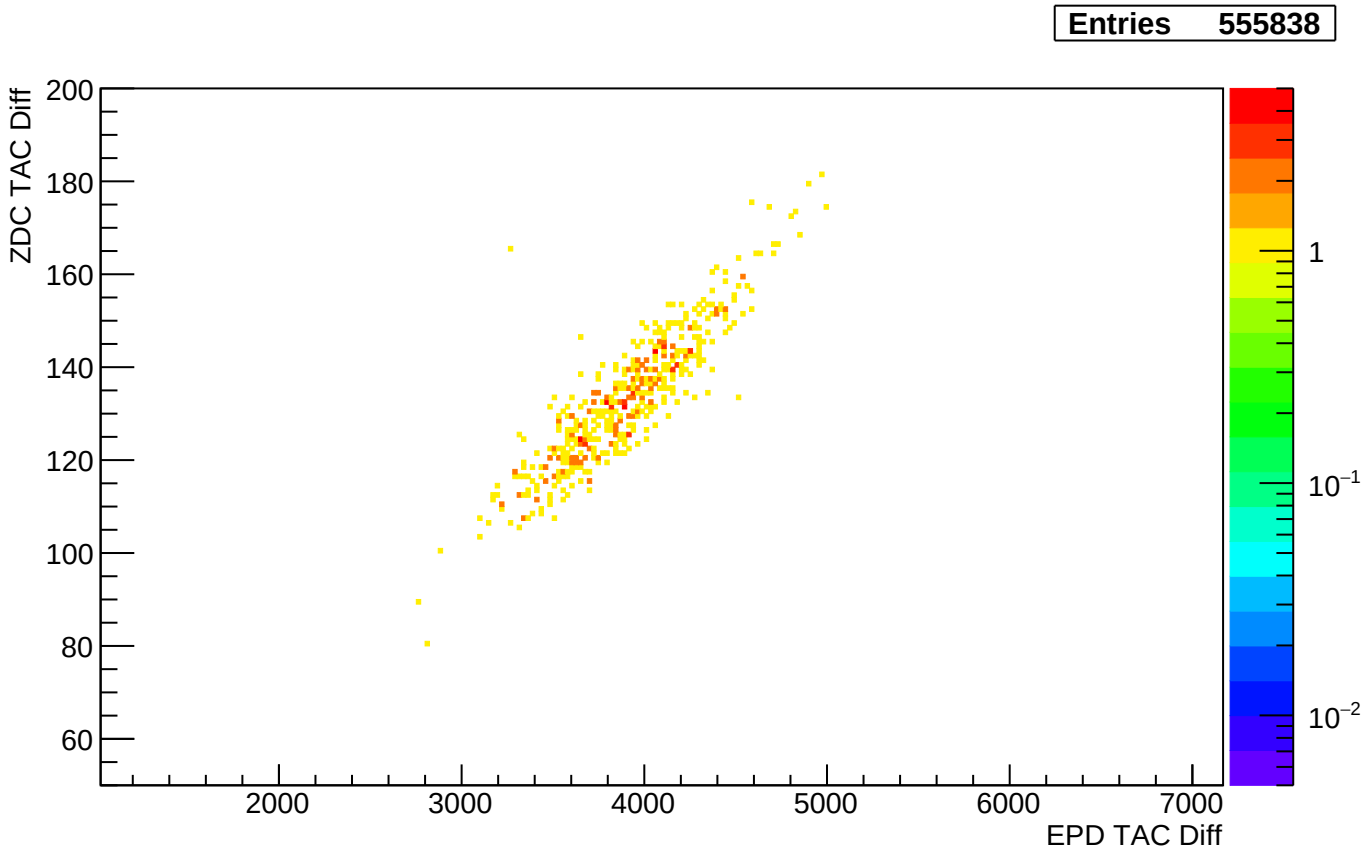

Entries 555838
TOF-Mult
BBC-S-West ADC Sum

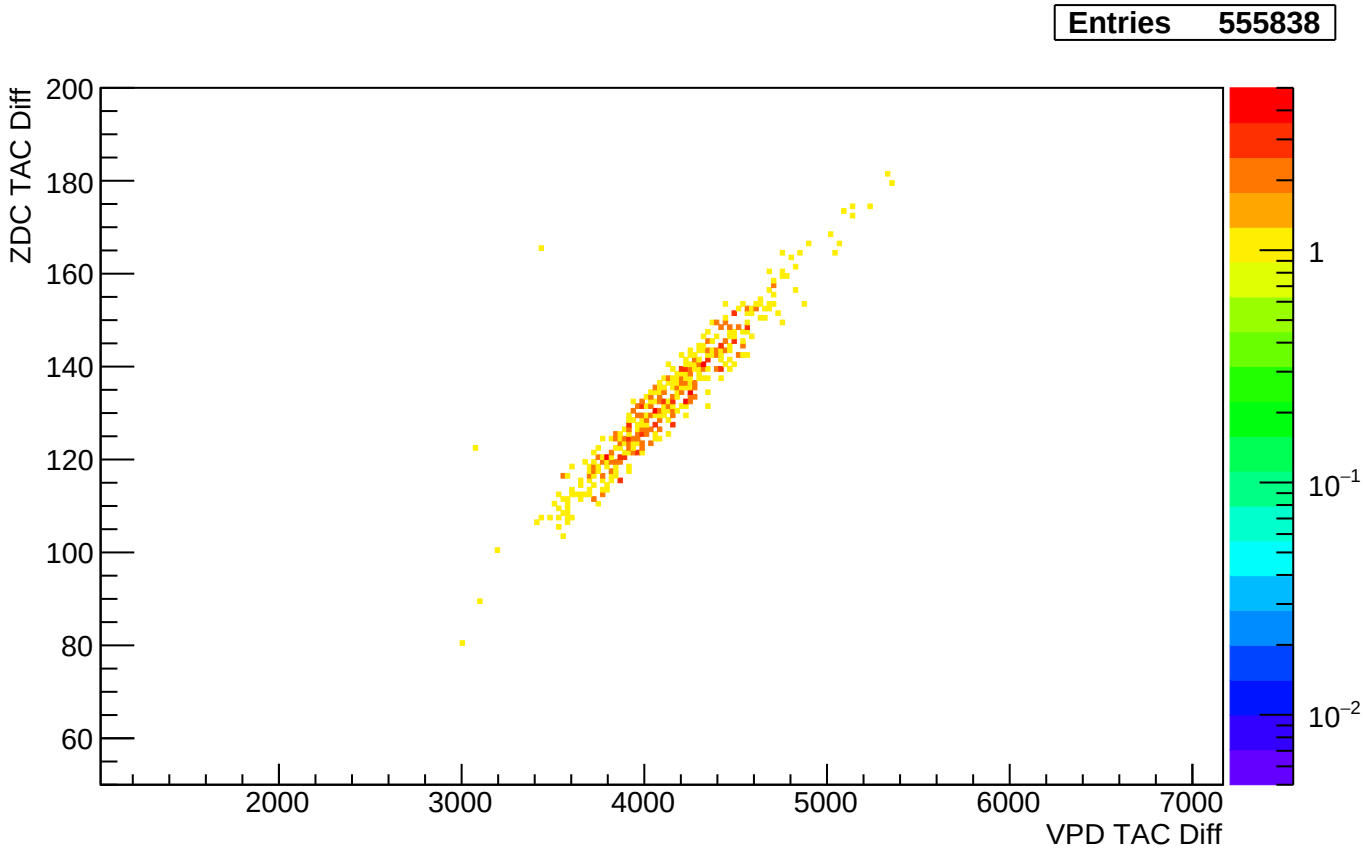

Entries 555838
TOF-Mult
EPD-East Hit Cnt

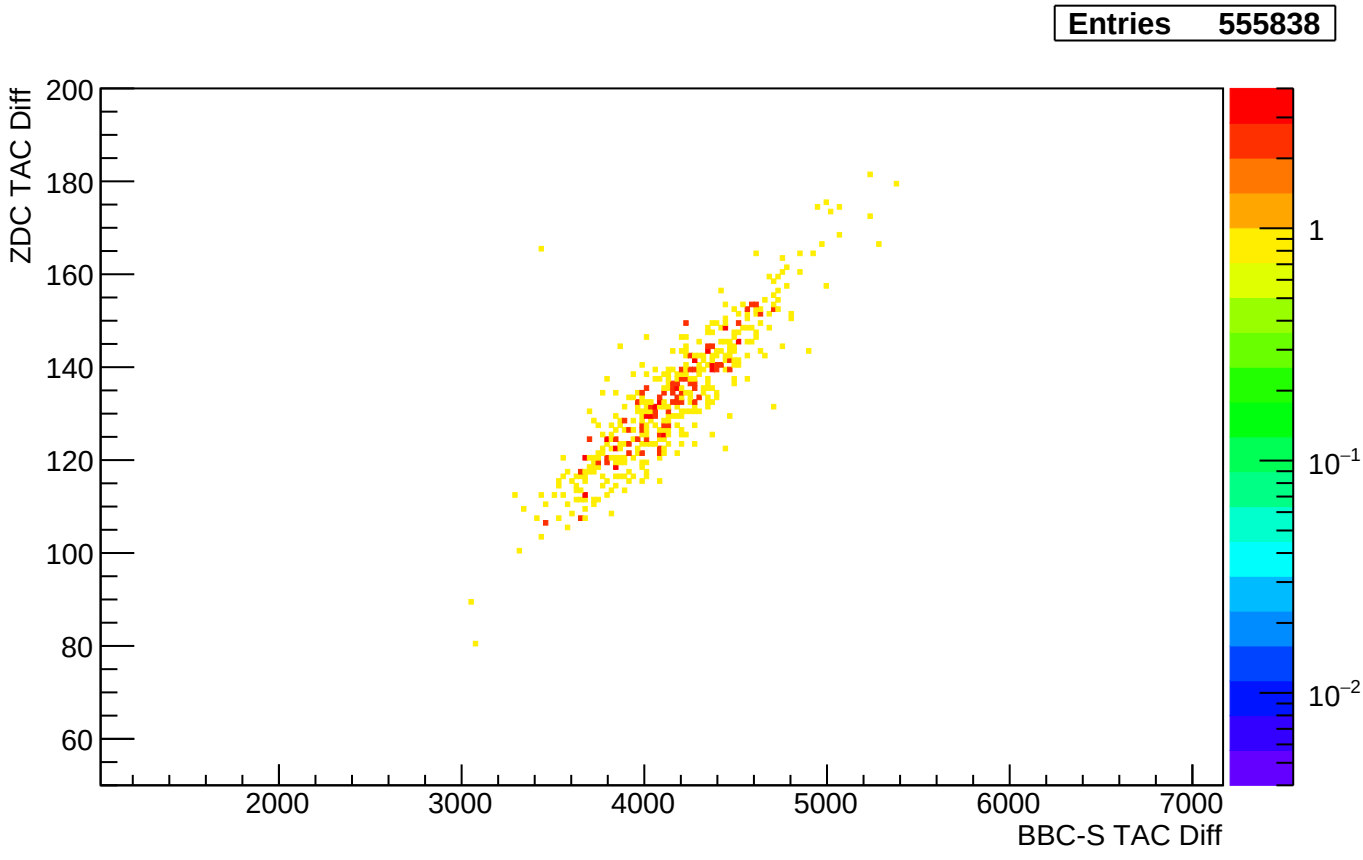

Entries 555838
TOF-Mult
EPD-West Hit Cnt

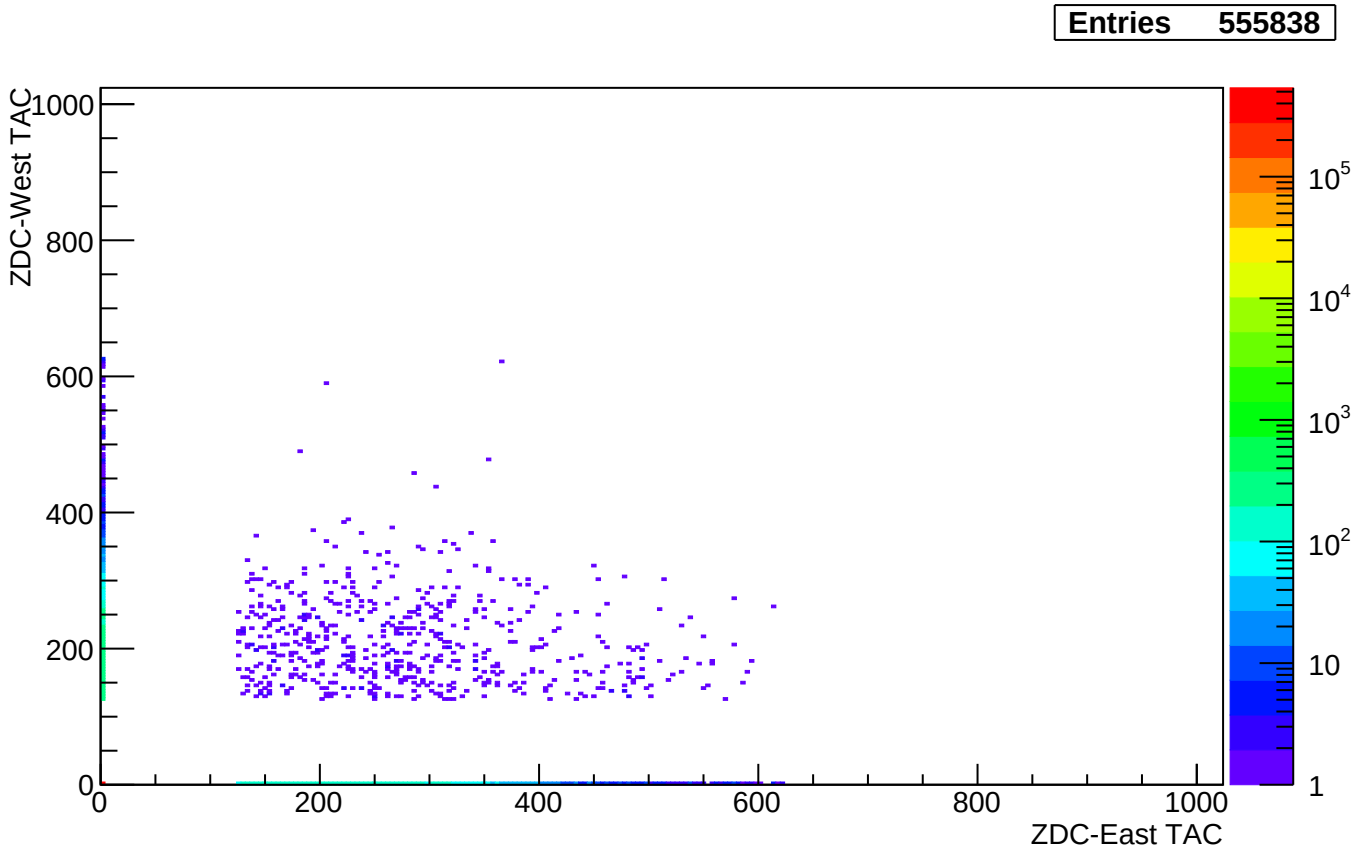

Entries 555838
TOF-Mult
VPD-East ADC Sum

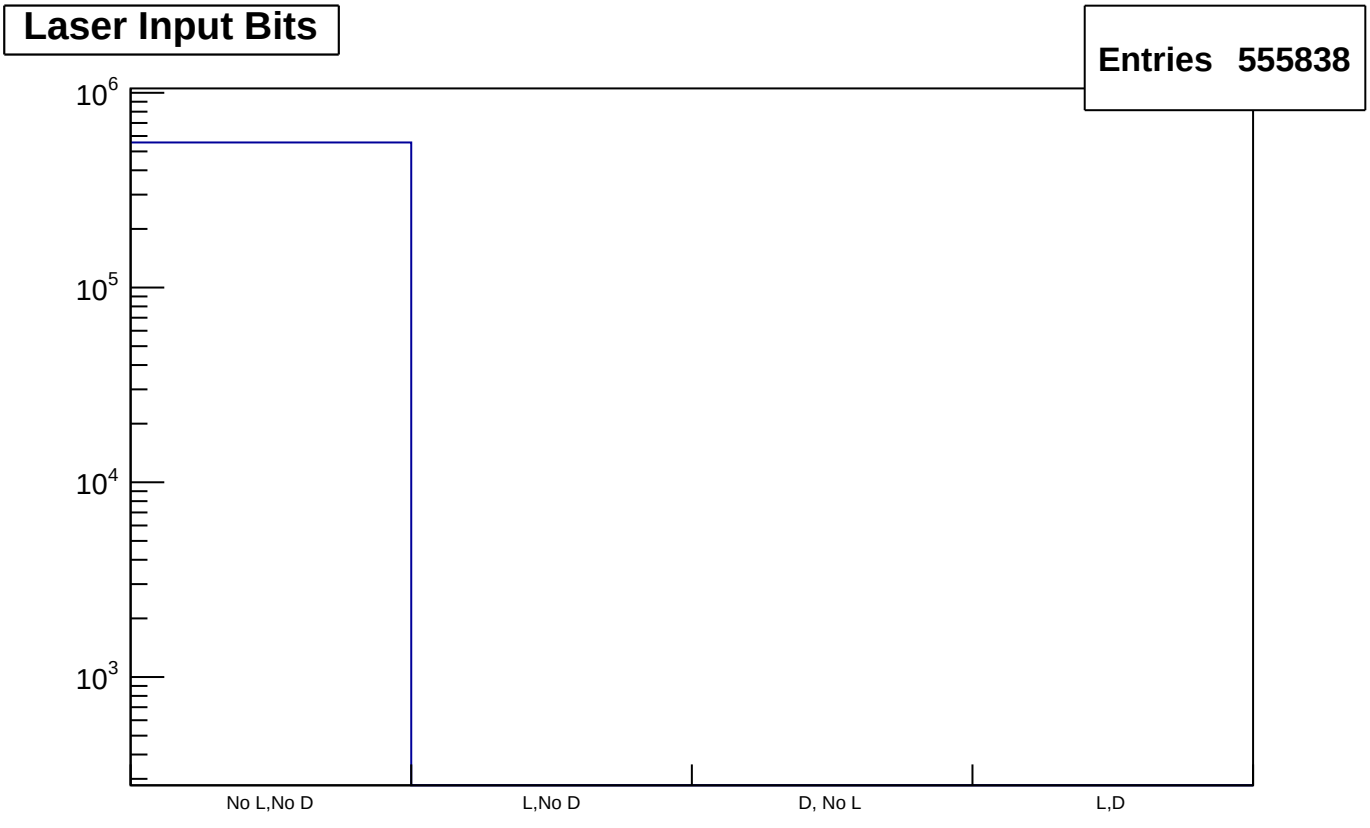

Entries 555838
TOF-Mult
VPD-West ADC Sum

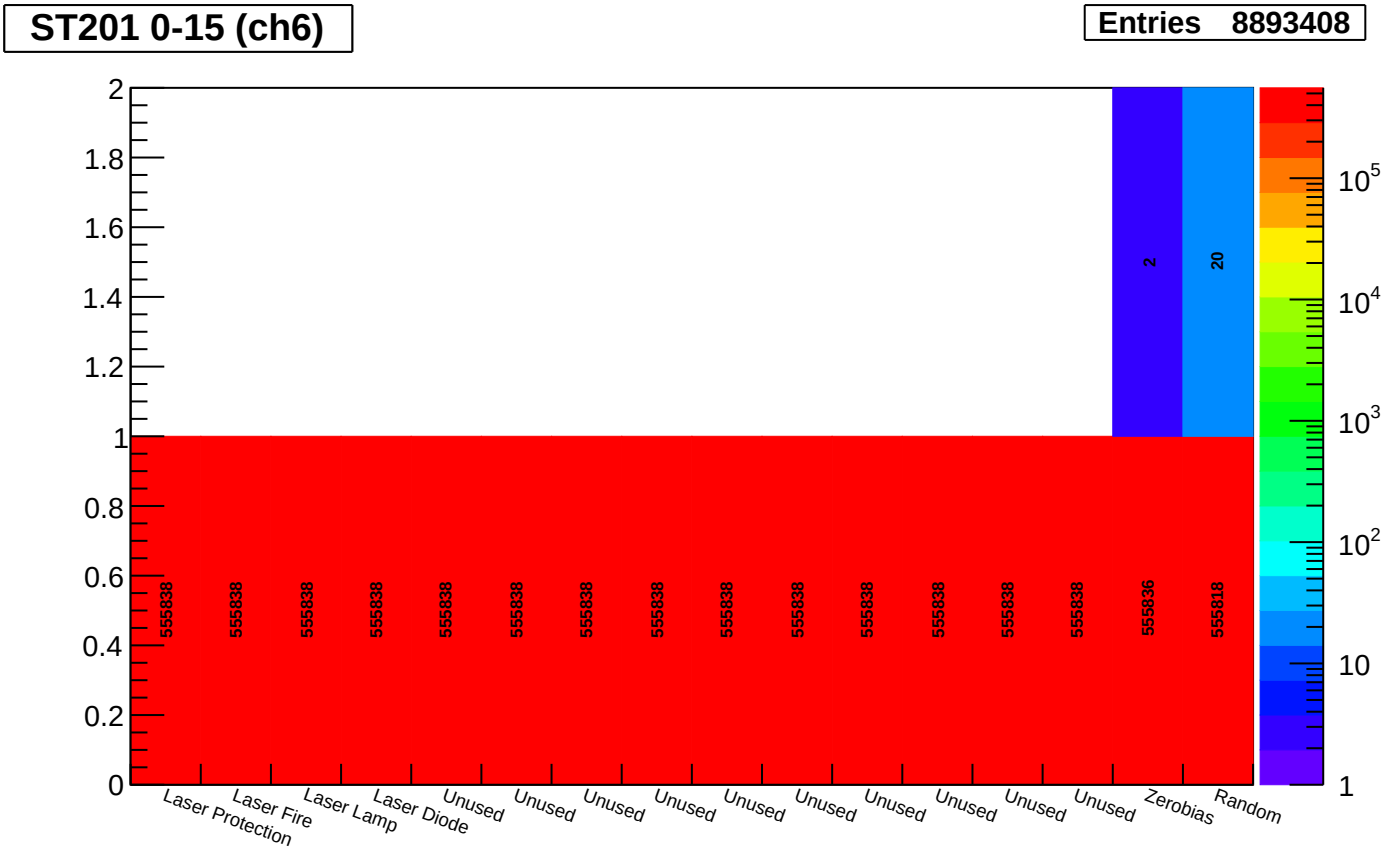

Entries 555838
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

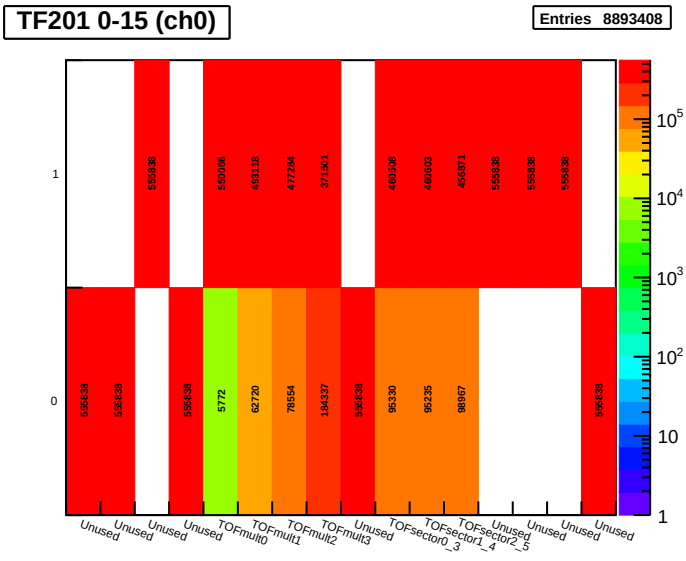

Entries 555838
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

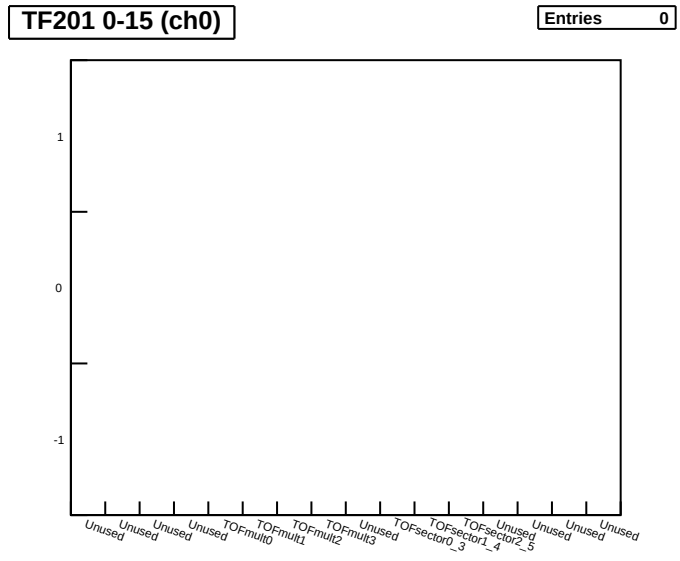

Entries 555838
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

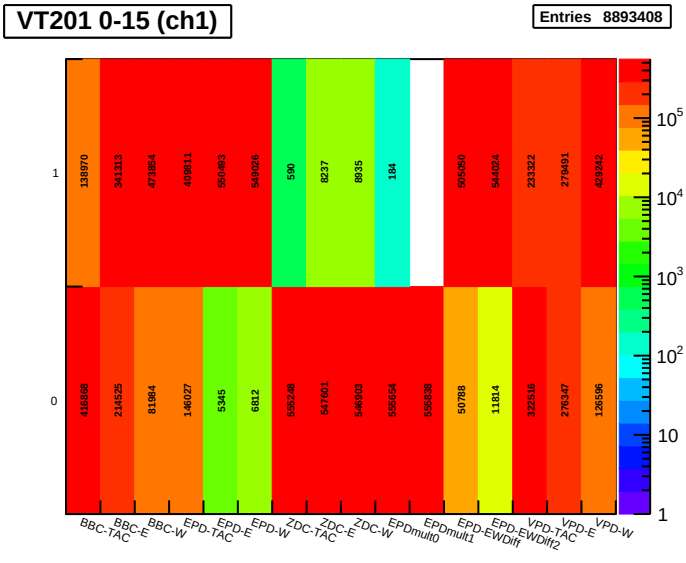

Entries 555838
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

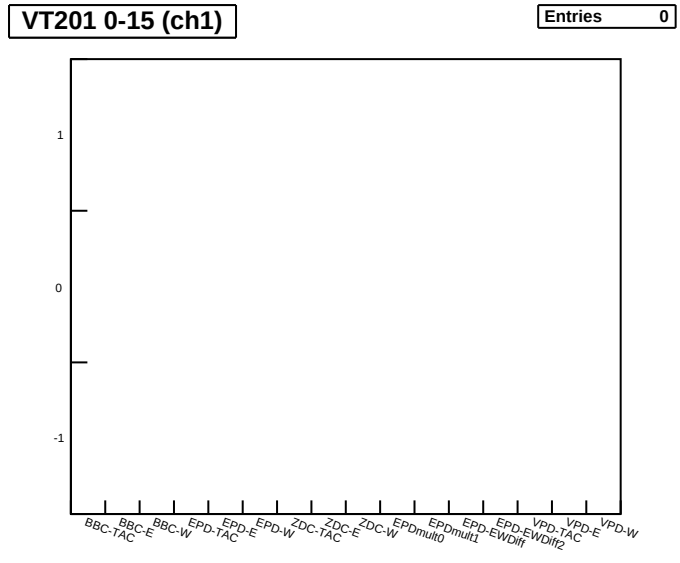

Laser Input Bits
Entries 555838
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

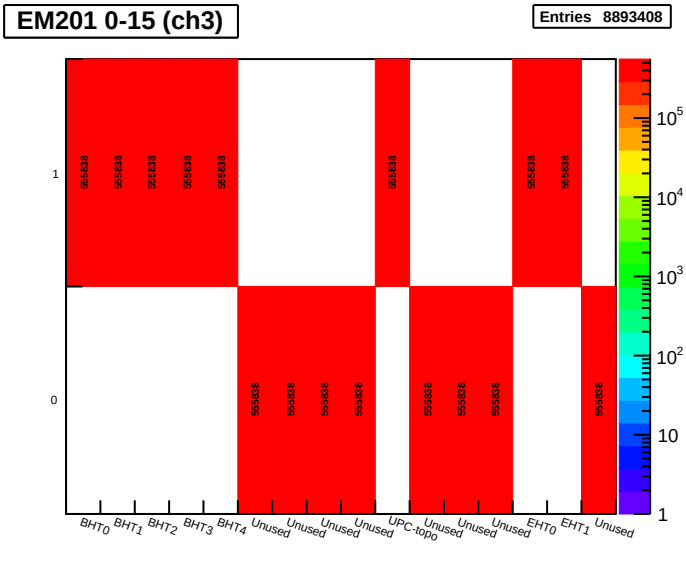

ST201 0-15 (ch6)
Entries 8893408
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555836
555818
2
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

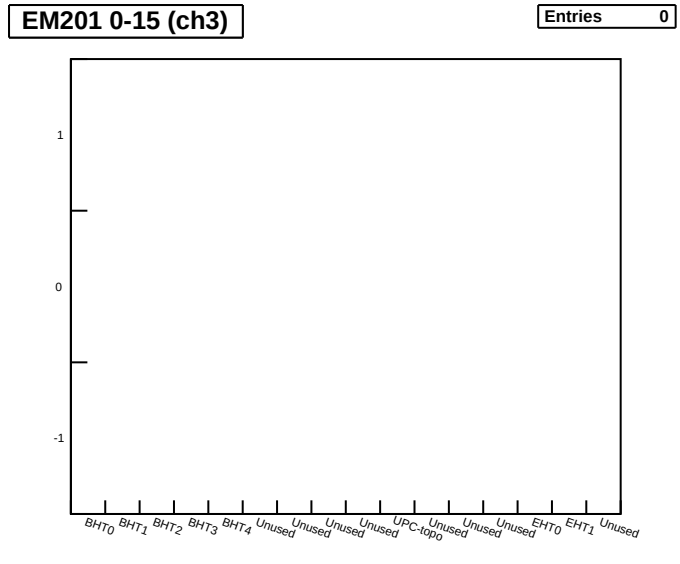

TF201 0-15 (ch0)
Entries 8893408
1
0
555838
550066
493118
477284
371501
460508
460603
456871
555838
555838
555838
555838
555838
555838
555838
5772
62720
78554
184337
555838
95330
95235
98967
555838
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
$10^5$
$10^4$
$10^3$
$10^2$
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 8893408
1
0
138970
341313
473854
409811
550493
549026
590
8237
8935
184
505050
544024
233322
279491
429242
416868
214525
81984
146027
5345
6812
556248
547601
546903
556654
555838
50788
11814
322516
276347
126596
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 8893408
1
0
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
555838
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