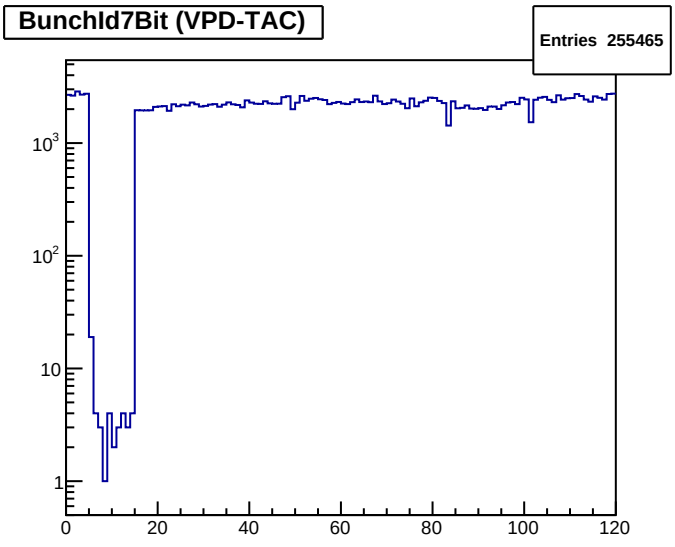
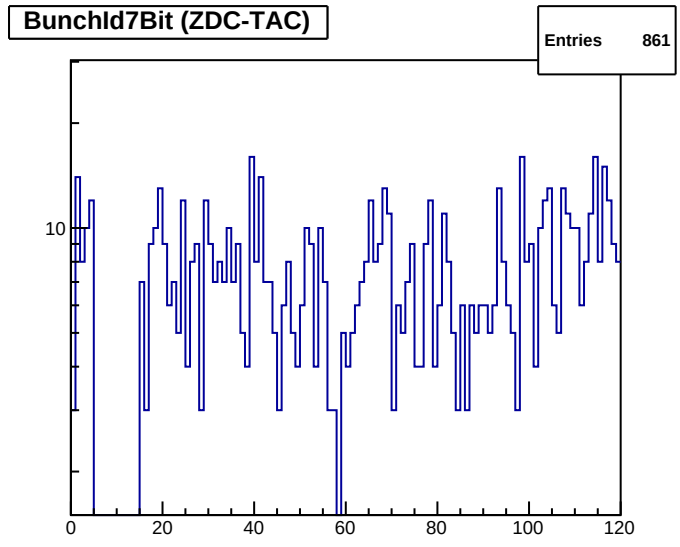
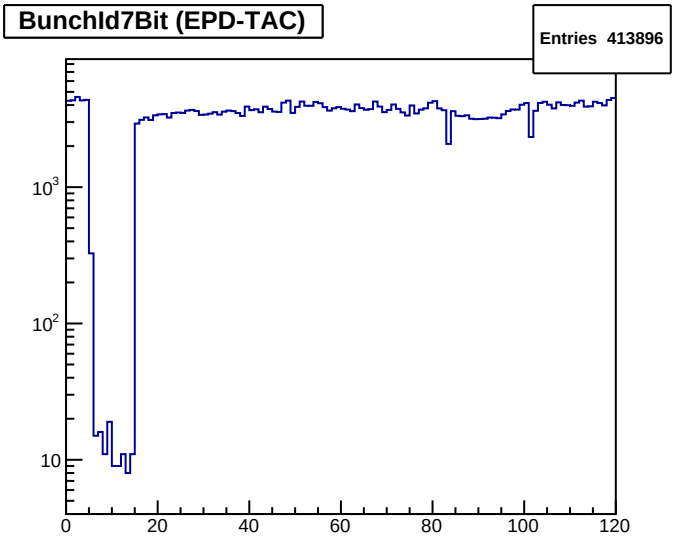
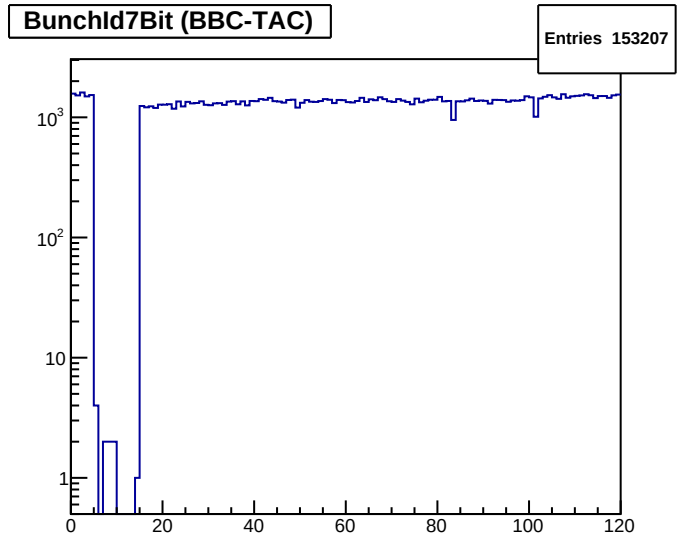
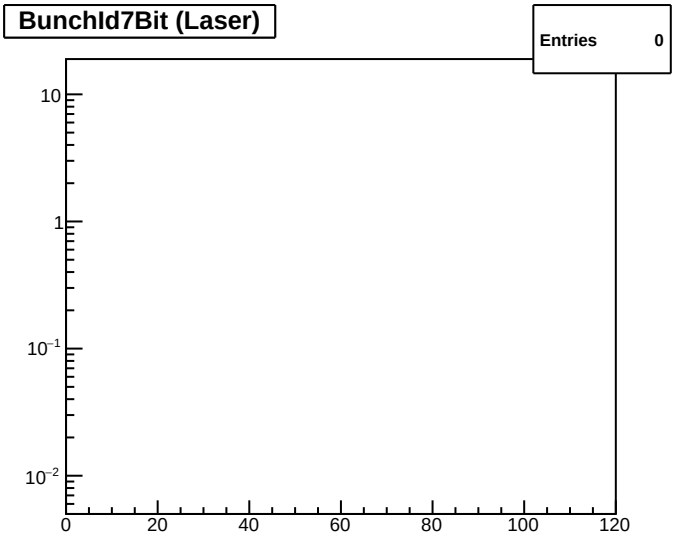
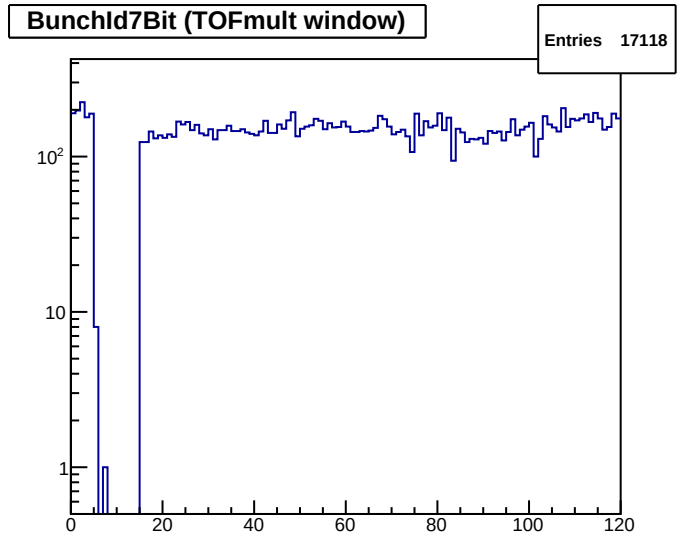

BunchId7Bit (VPD-TAC)
Entries 255465

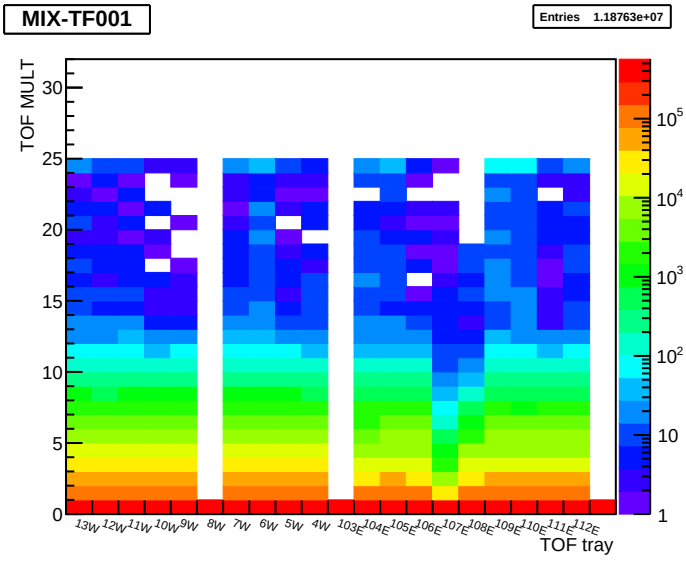

BunchId7Bit (ZDC-TAC)
Entries 861

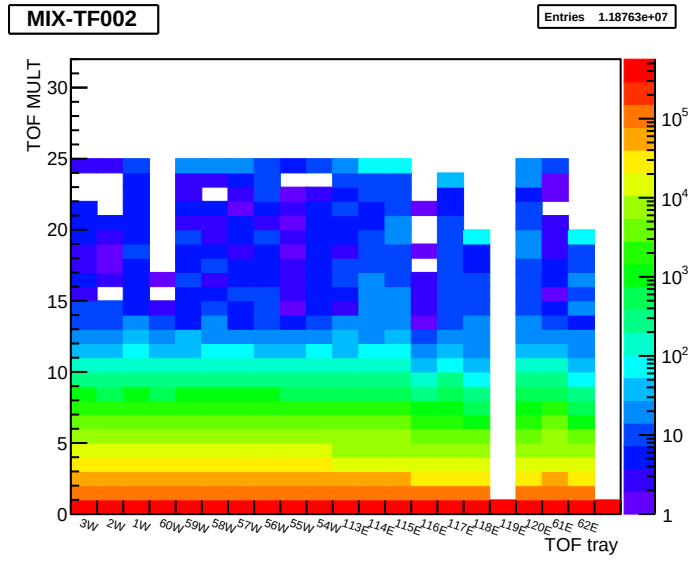

BunchId7Bit (EPD-TAC)
Entries 413896

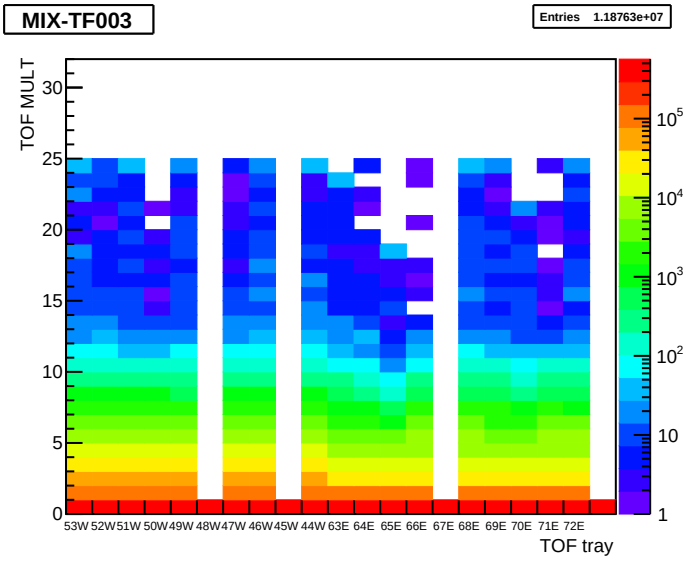

BunchId7Bit (BBC-TAC)
Entries 153207

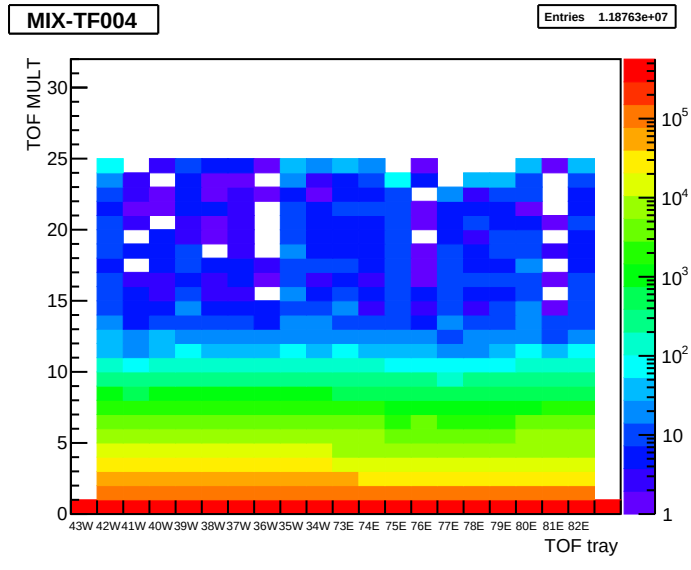

BunchId7Bit (Laser)
Entries 0

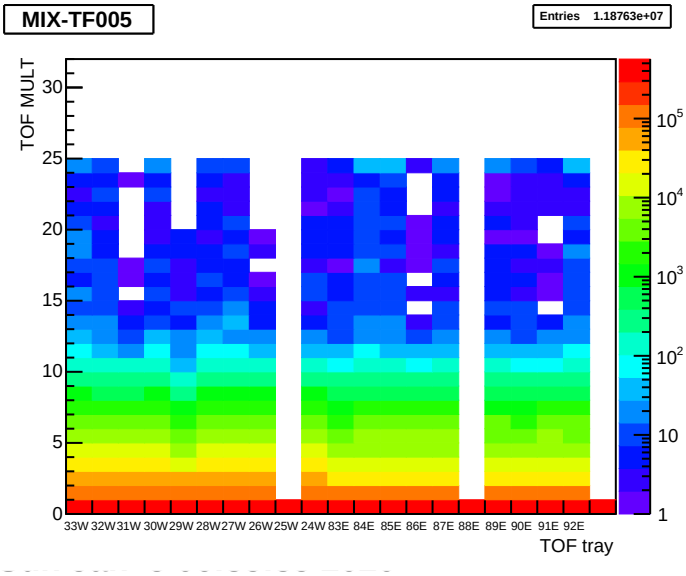

BunchId7Bit (TOFmult window)
Entries 17118

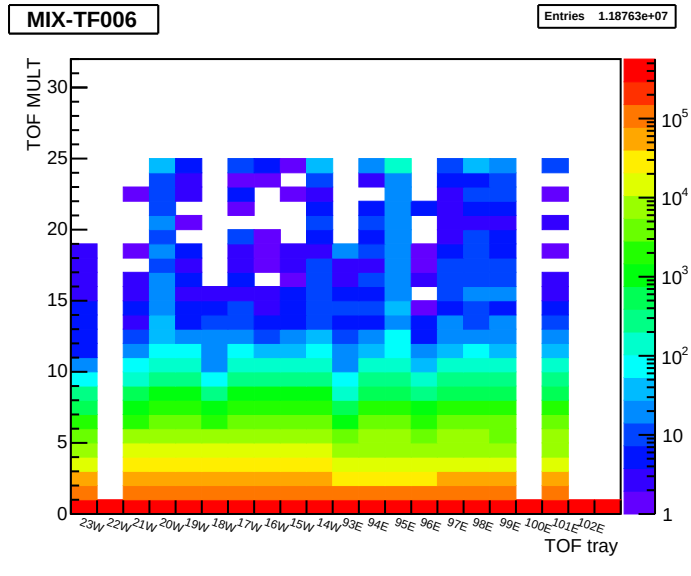

MIX-TF001
Entries 1.18763e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

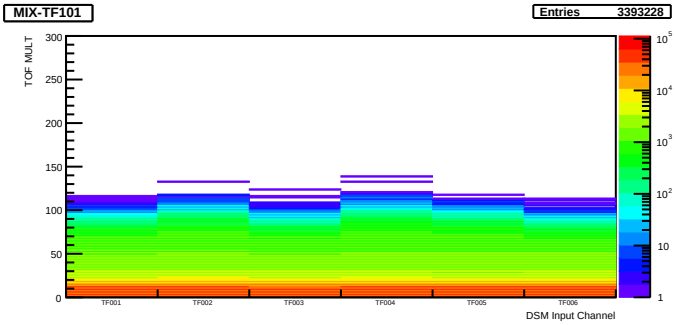

MIX-TF002
Entries 1.18763e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

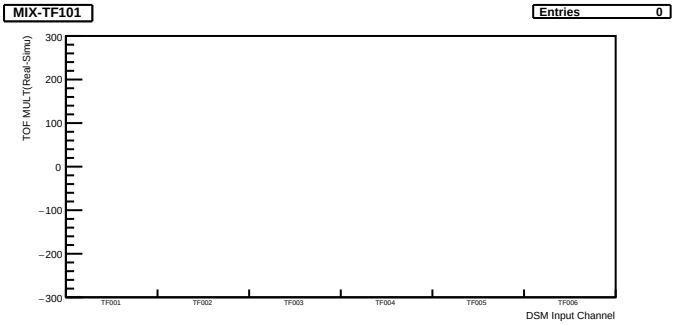

MIX-TF003
Entries 1.18763e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

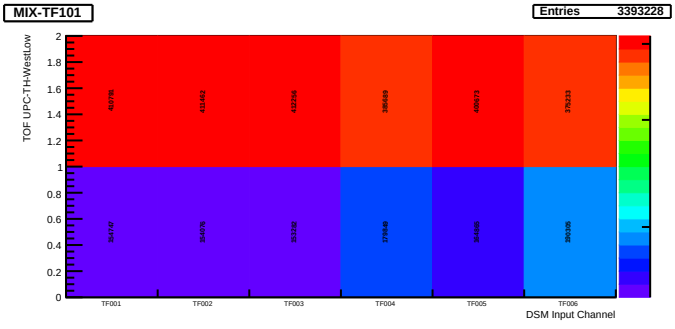

MIX-TF004
Entries 1.18763e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

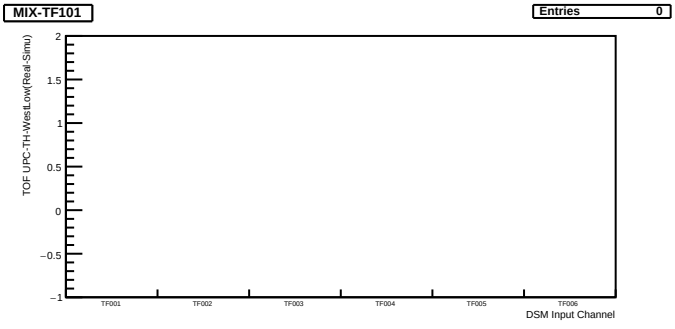

MIX-TF005
Entries 1.18763e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

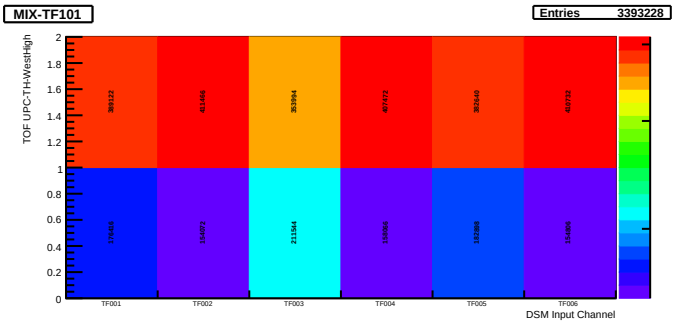

MIX-TF006
Entries 1.18763e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

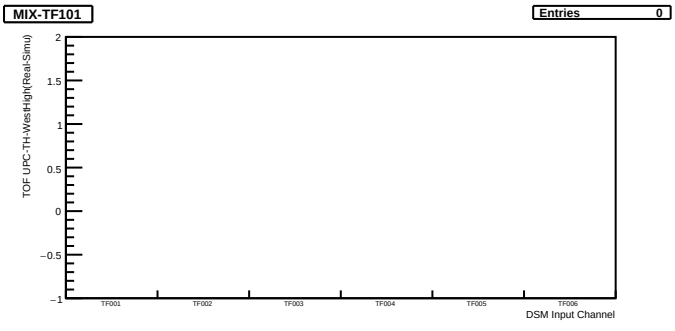

MIX-TF101
Entries 3393228
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

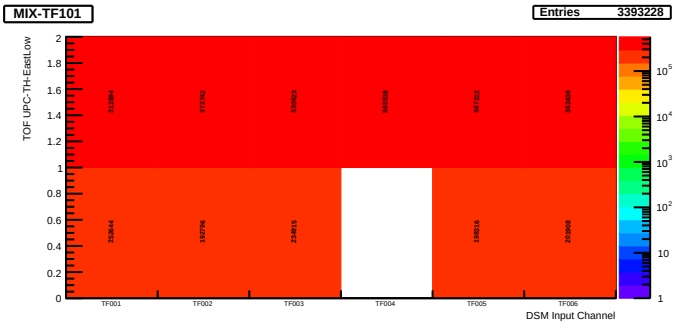

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

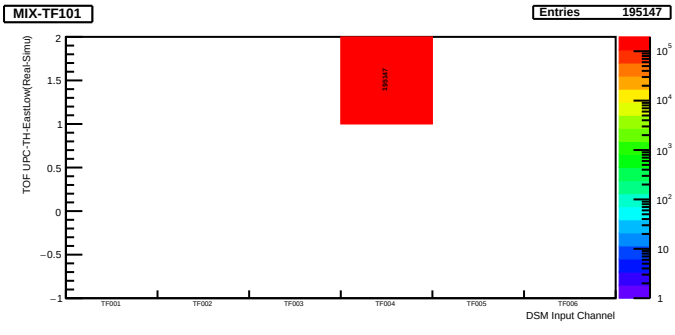

MIX-TF101
Entries 3393228
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

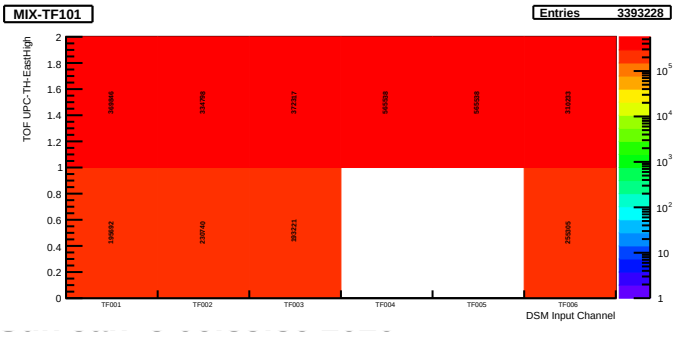

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

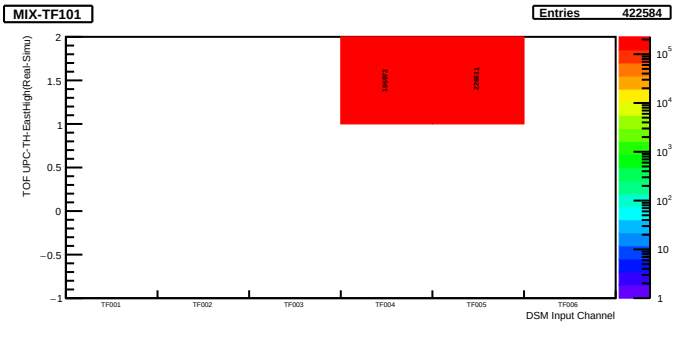

MIX-TF101
Entries 3393228
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

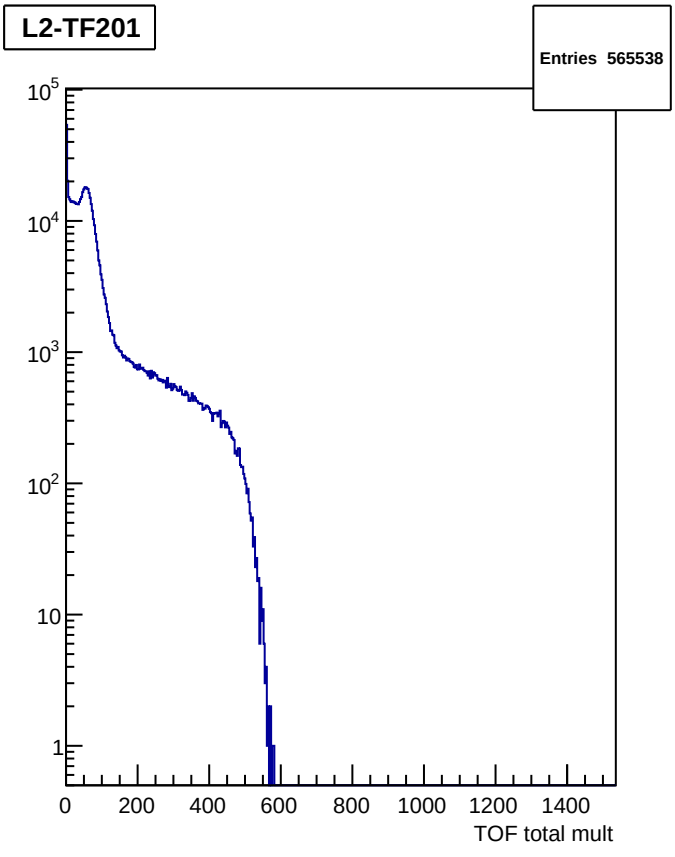

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

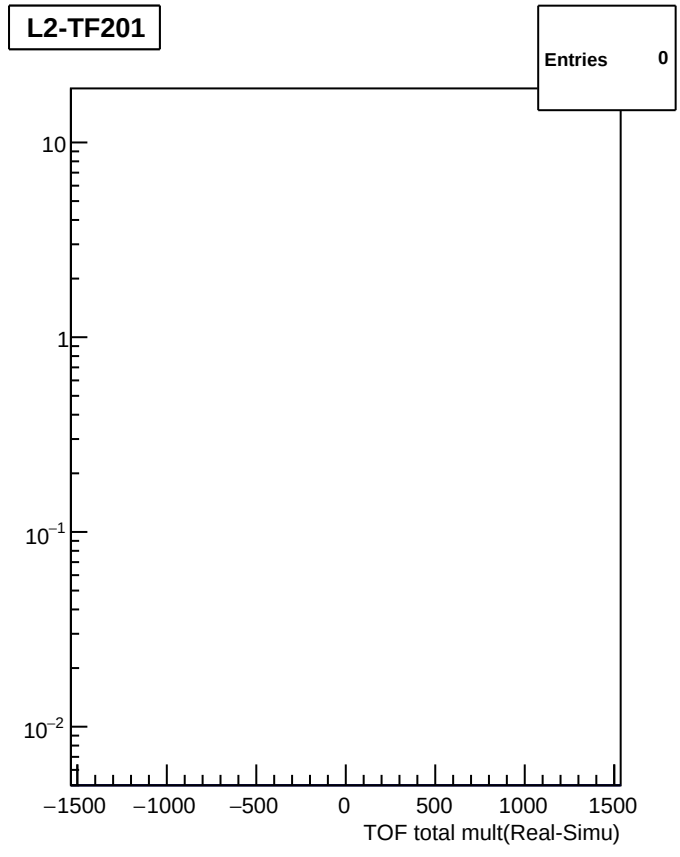

MIX-TF101
Entries 3393228
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

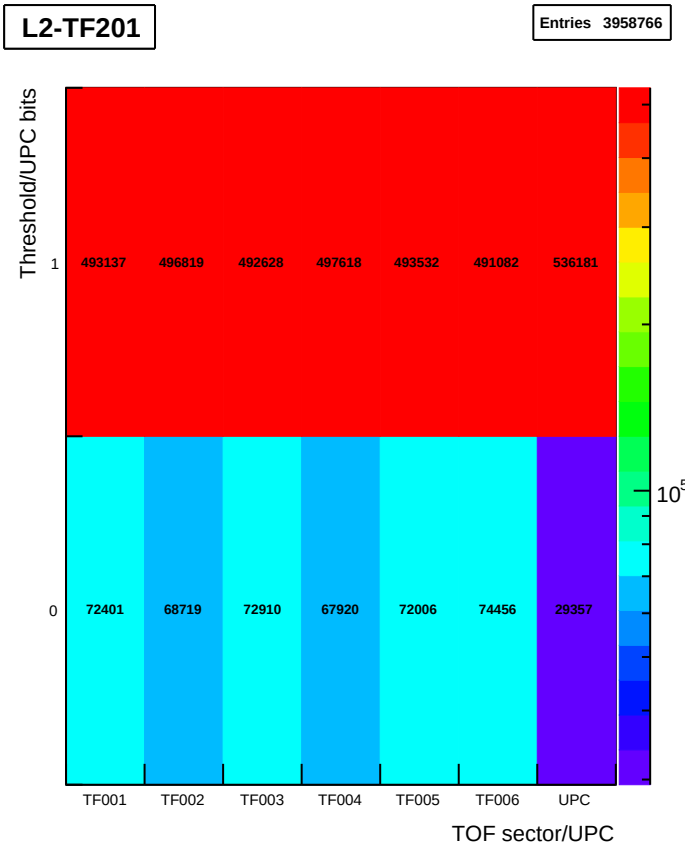

MIX-TF101
Entries 195147
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

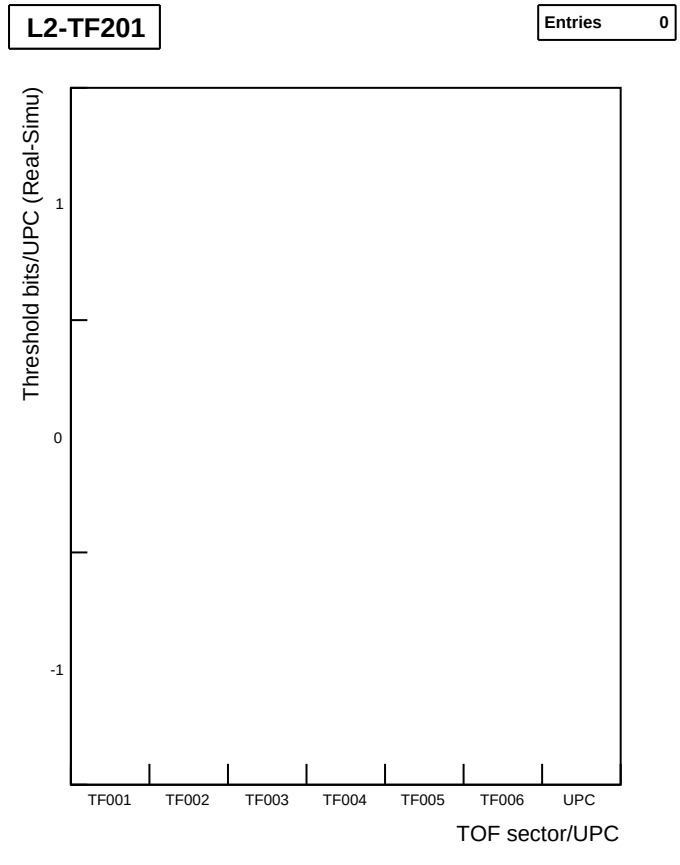

MIX-TF101
Entries 3393228
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

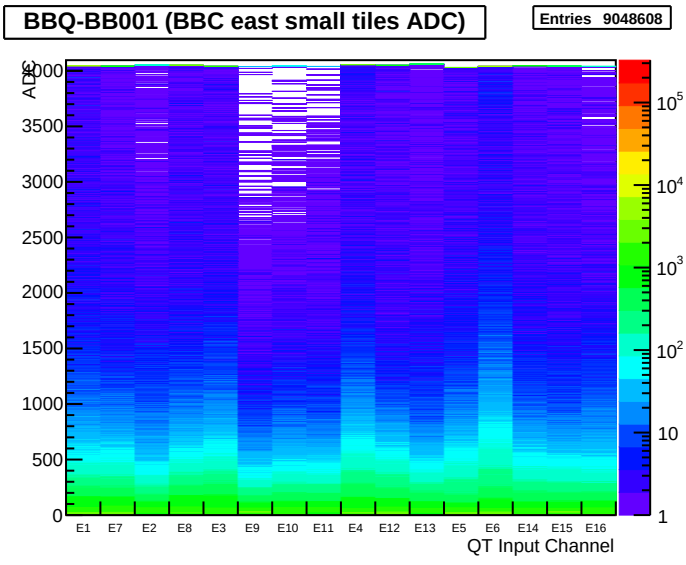

MIX-TF101
Entries 422584
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

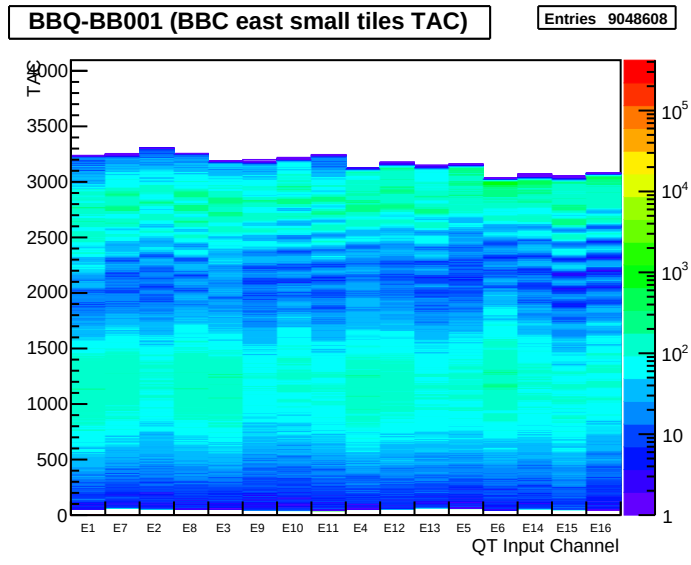

L2-TF201
Entries 565538
TOF total mult

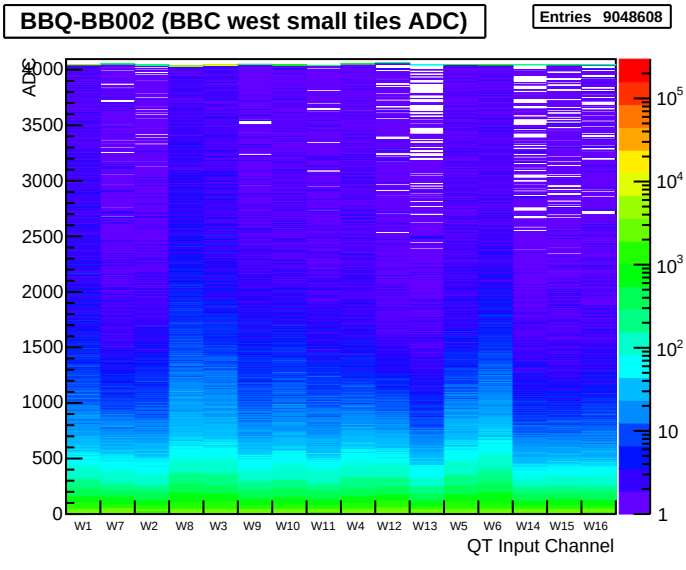

L2-TF201
Entries 0
TOF total mult(Real-Simu)

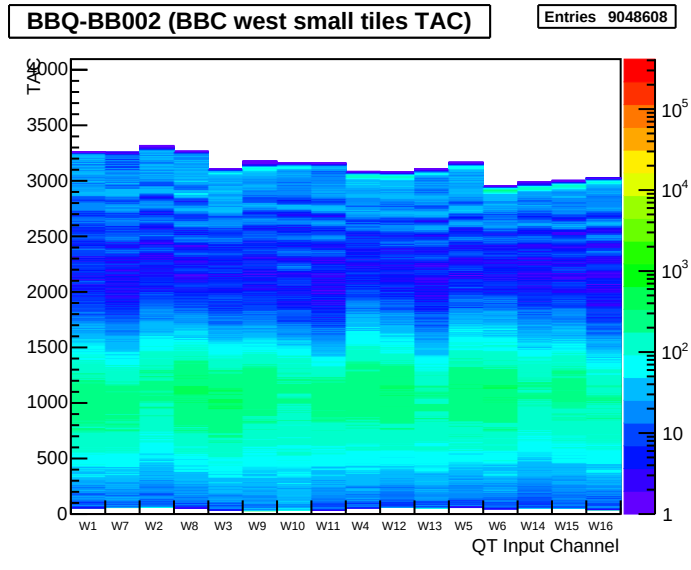

L2-TF201
Entries 3958766
Threshold/UPC bits
493137
496819
492628
497618
493532
491082
536181
72401
68719
72910
67920
72006
74456
29357
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

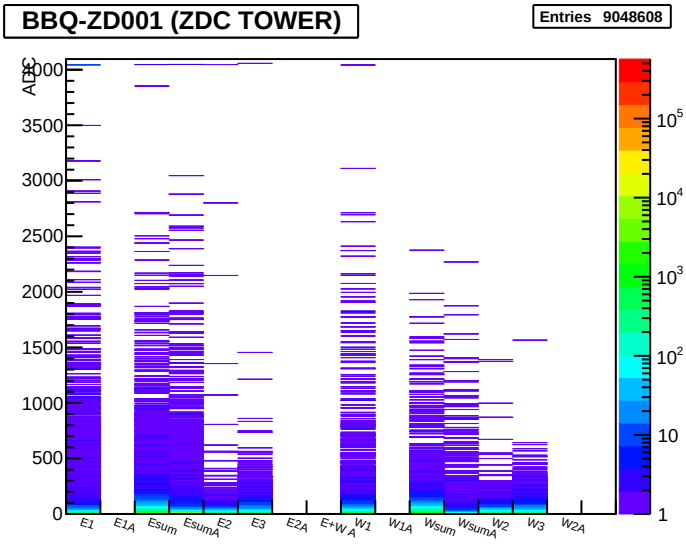

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

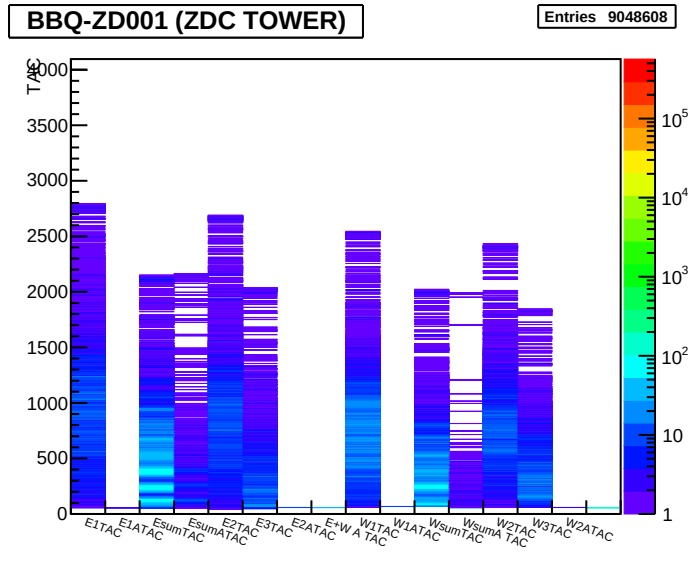

BBQ-BB001 (BBC east small tiles ADC)
Entries 9048608
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

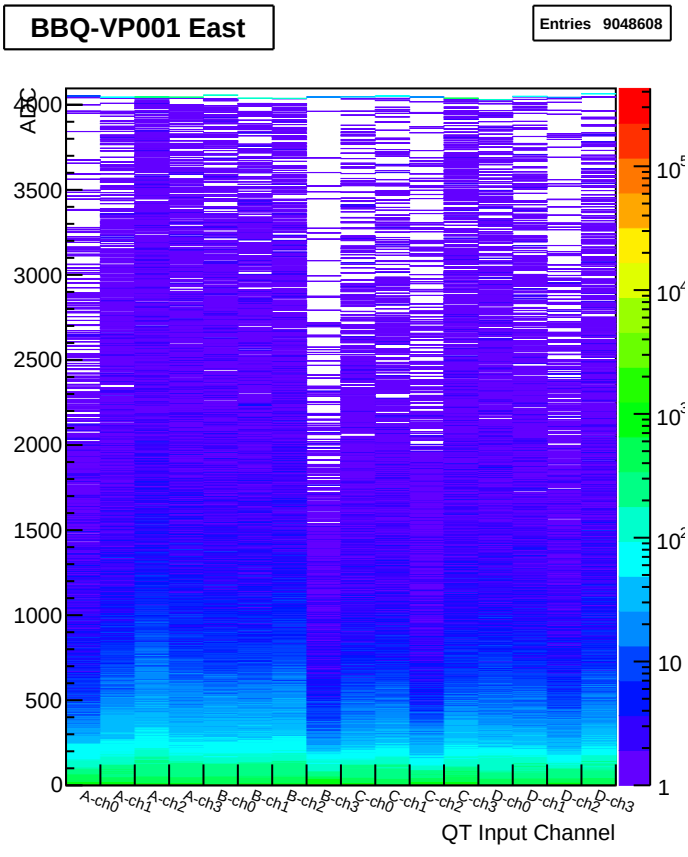

BBQ-BB001 (BBC east small tiles TAC)
Entries 9048608
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

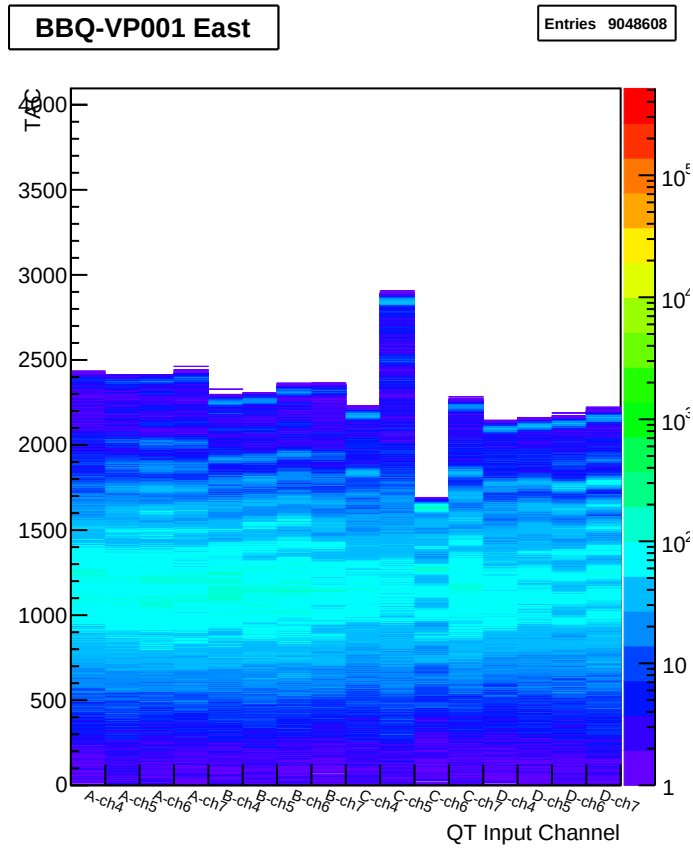

BBQ-BB002 (BBC west small tiles ADC)
Entries 9048608
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

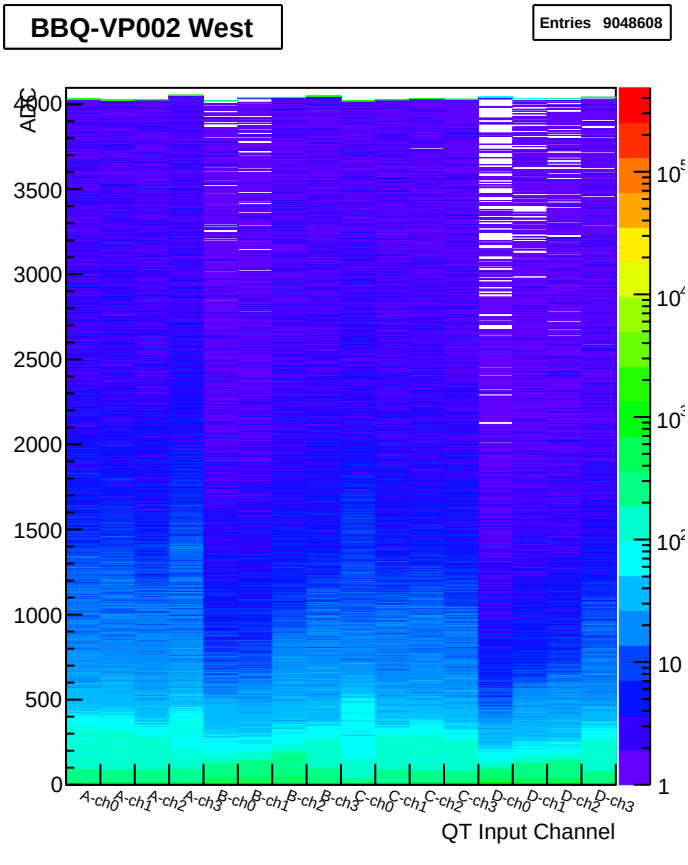

BBQ-BB002 (BBC west small tiles TAC)
Entries 9048608
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

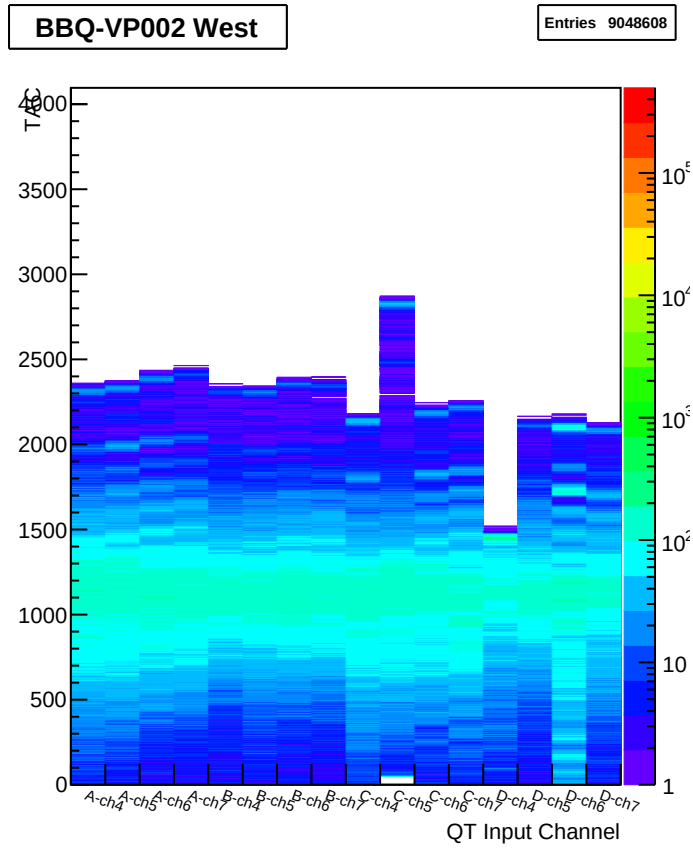

BBQ-ZD001 (ZDC TOWER)
Entries 9048608
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

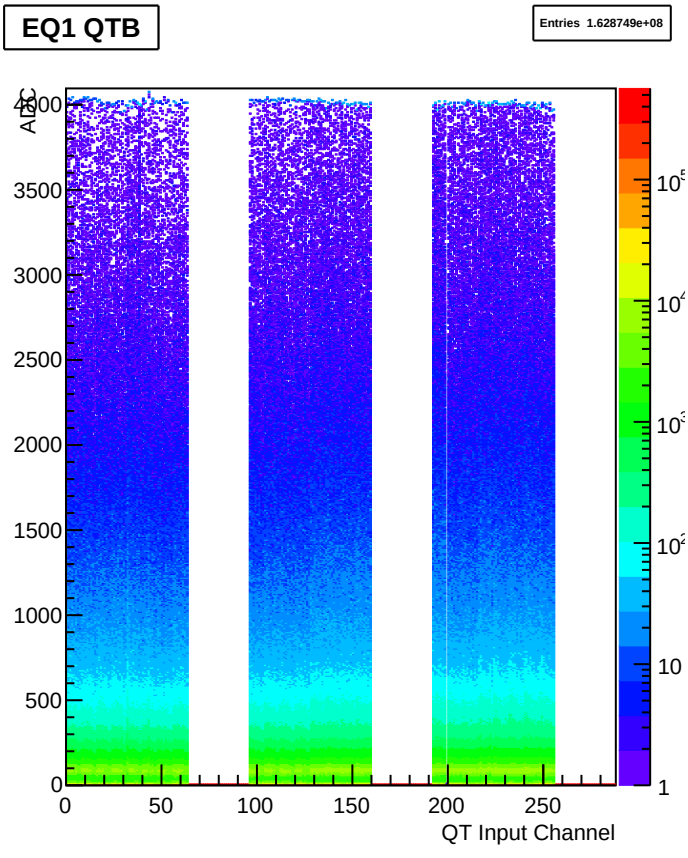

BBQ-ZD001 (ZDC TOWER)
Entries 9048608
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

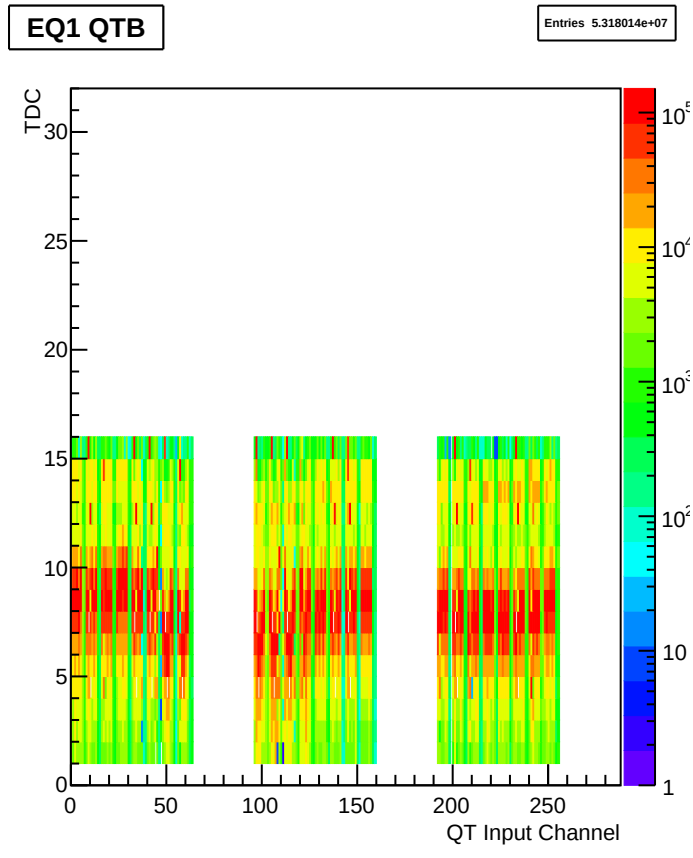

BBQ-VP001 East
Entries 9048608
ADC
QT Input Channel

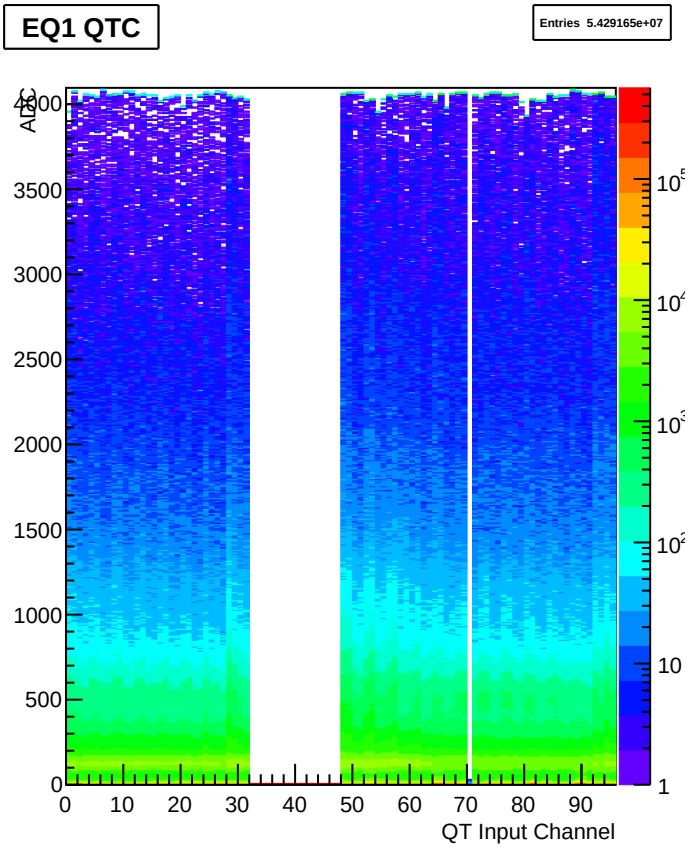

BBQ-VP001 East
Entries 9048608
TADC
QT Input Channel

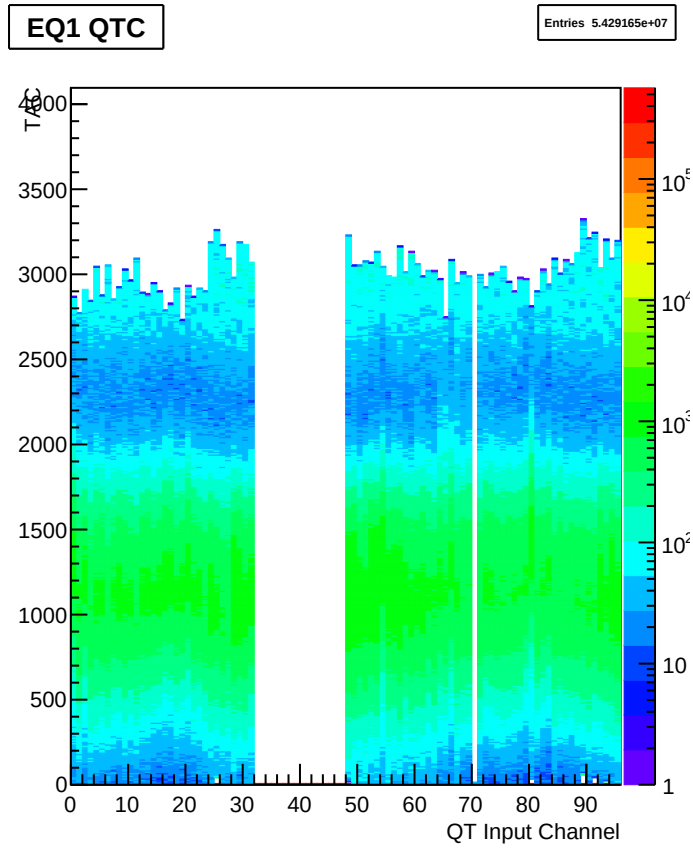

BBQ-VP002 West
Entries 9048608
ADC
QT Input Channel

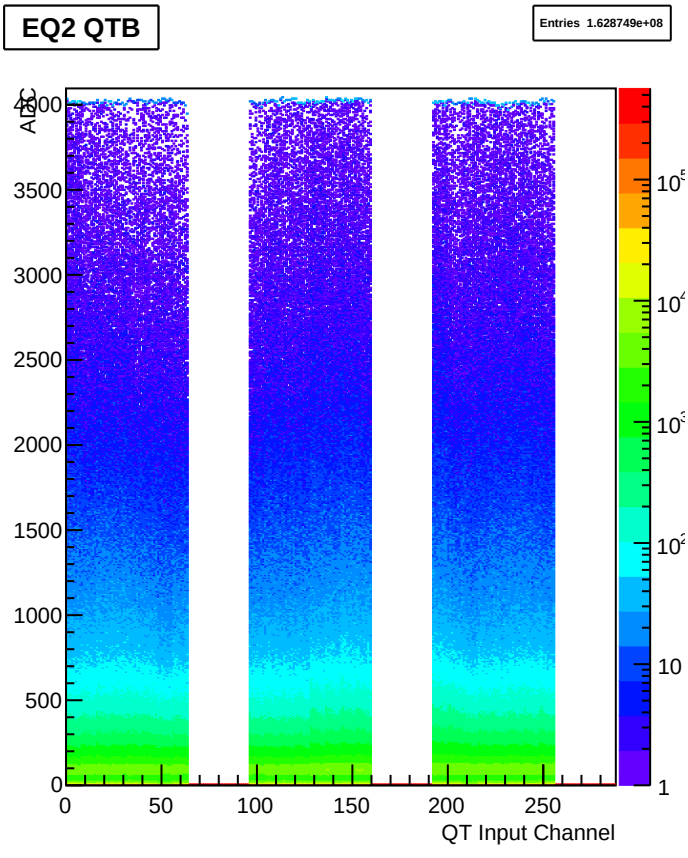

BBQ-VP002 West
Entries 9048608
TADC
QT Input Channel

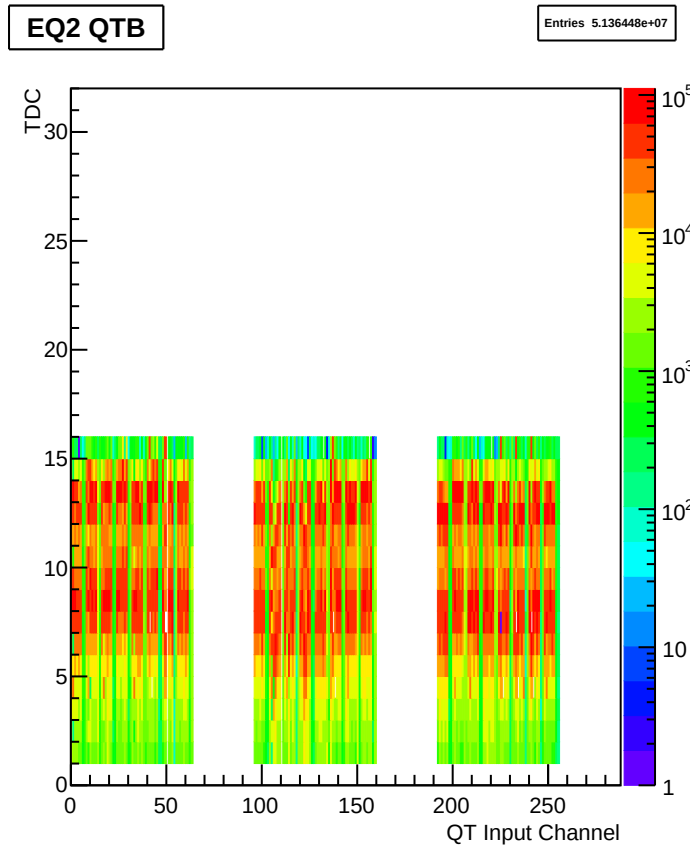

EQ1 QTB
Entries 1.628749e+08
ADC
QT Input Channel

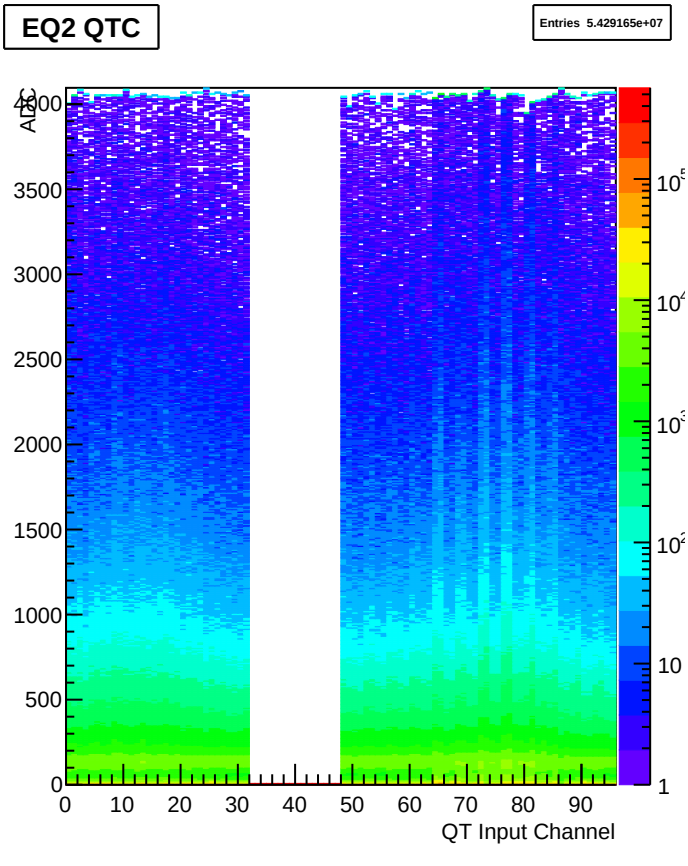

EQ1 QTB
Entries 5.318014e+07
TDC
QT Input Channel

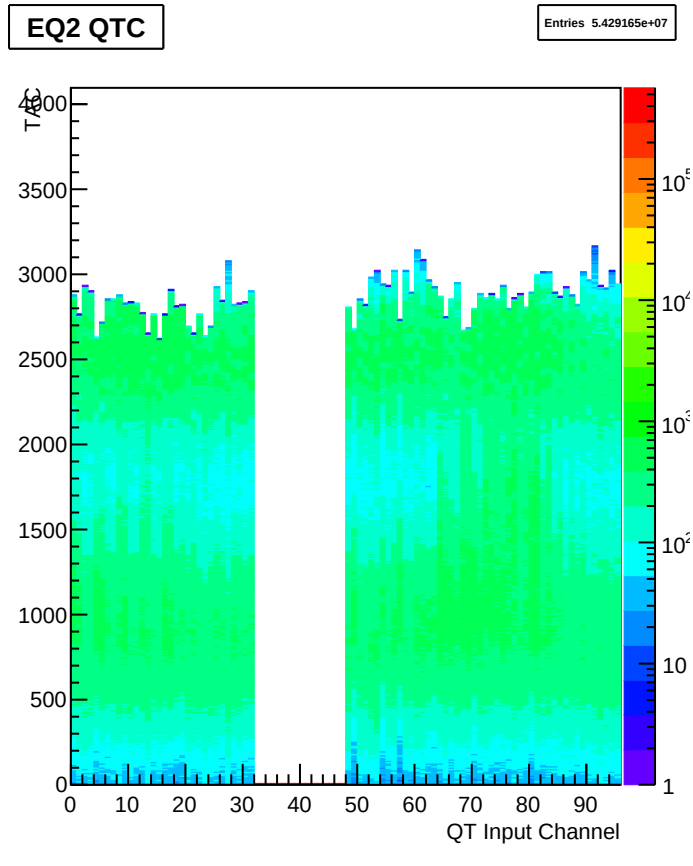

EQ1 QTC
Entries 5.429165e+07
ADC
QT Input Channel

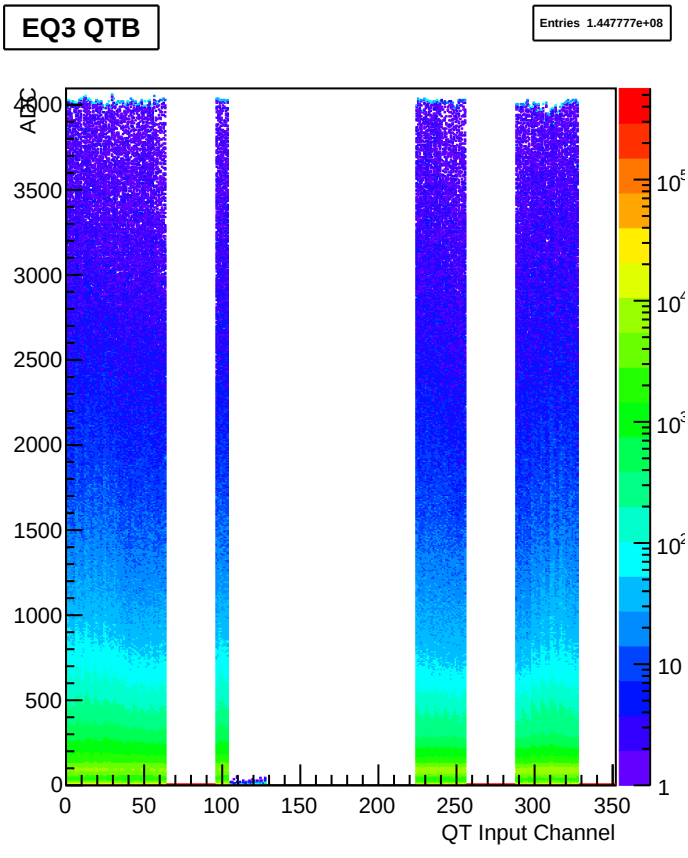

EQ1 QTC
Entries 5.429165e+07
TADC
QT Input Channel

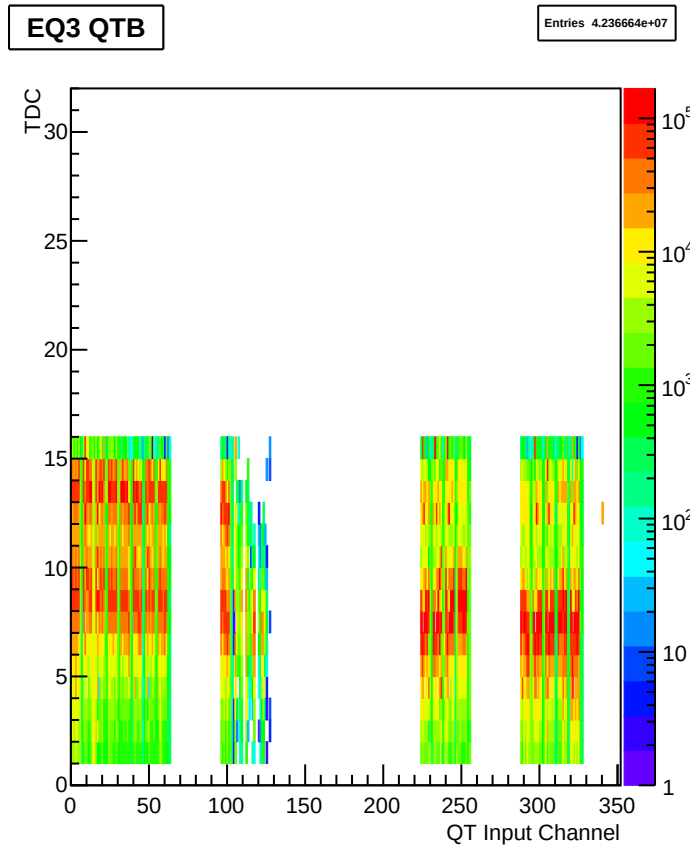

EQ2 QTB
Entries 1.628749e+08
ADC
QT Input Channel

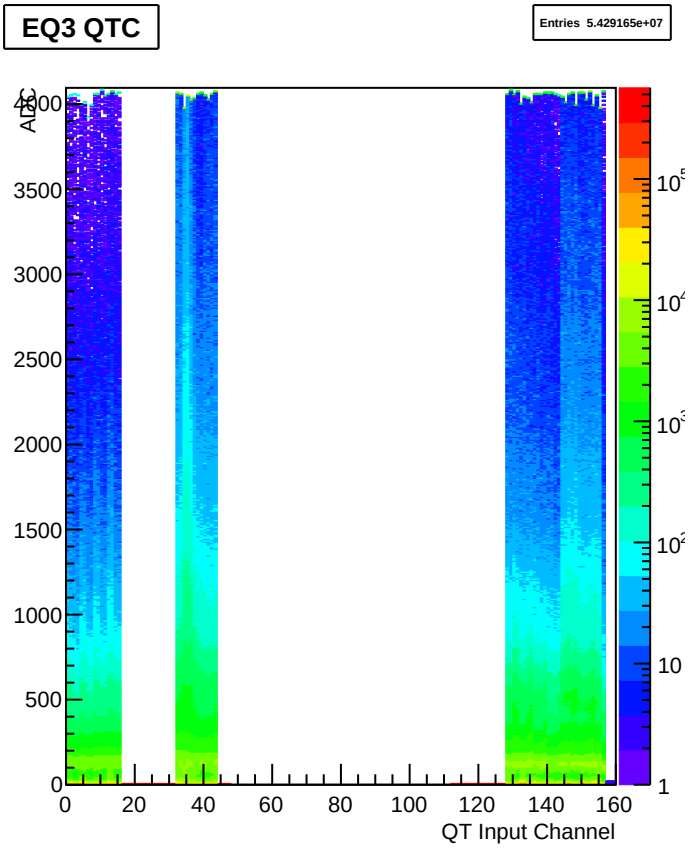

EQ2 QTB
Entries 5.136448e+07
TDC
QT Input Channel

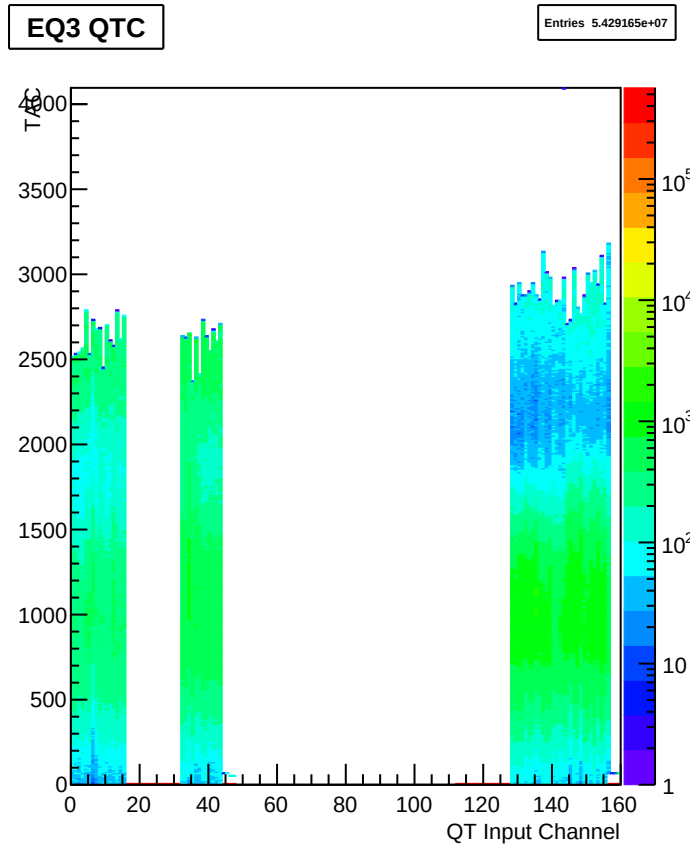

EQ2 QTC
Entries 5.429165e+07
ADC
QT Input Channel

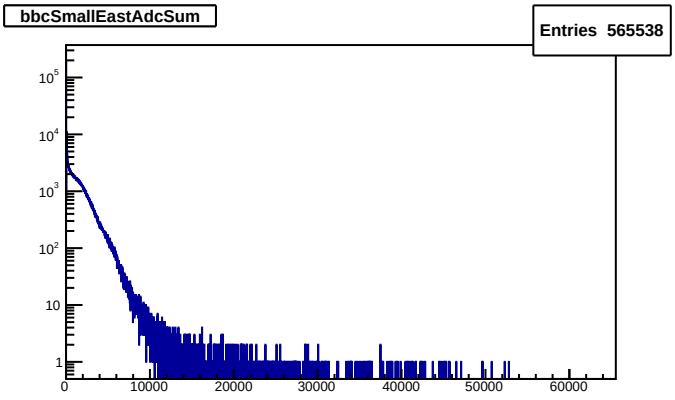

EQ2 QTC
Entries 5.429165e+07
TADC
QT Input Channel

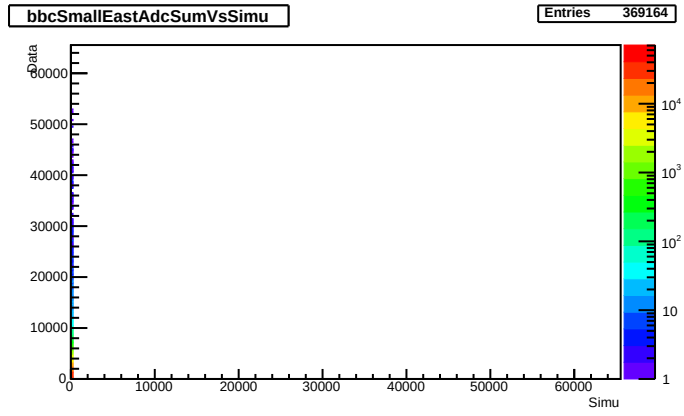

EQ3 QTB
Entries 1.447777e+08
ADC
QT Input Channel

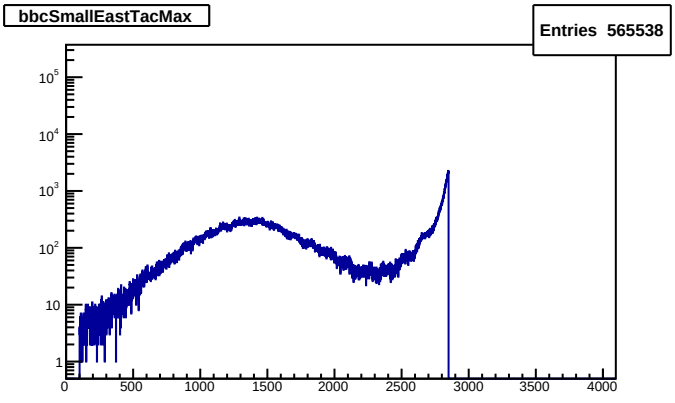

EQ3 QTB
Entries 4.236664e+07
TDC
QT Input Channel

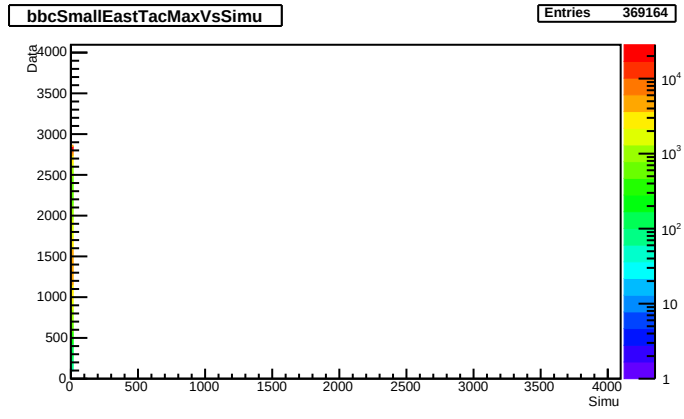

EQ3 QTC
Entries 5.429165e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.429165e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 565538


bbcSmallEastAdcSumVsSimu
Entries 369164
Data
Simu


bbcSmallEastTacMax
Entries 565538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Entries 369164
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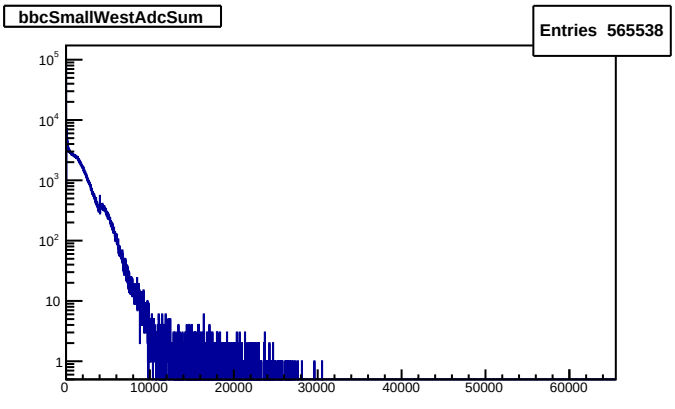
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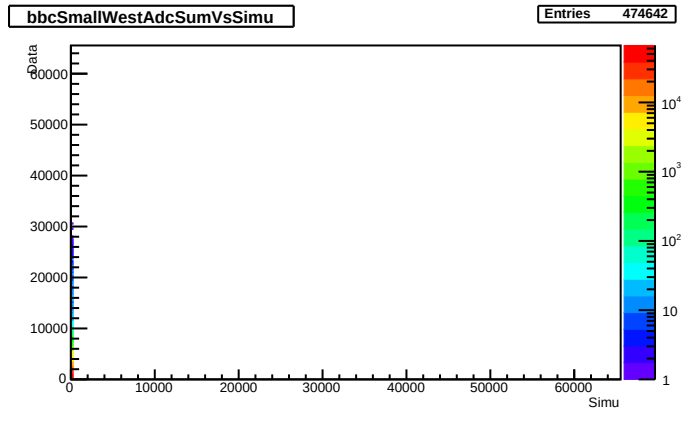
Entries 565538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Entries 474642
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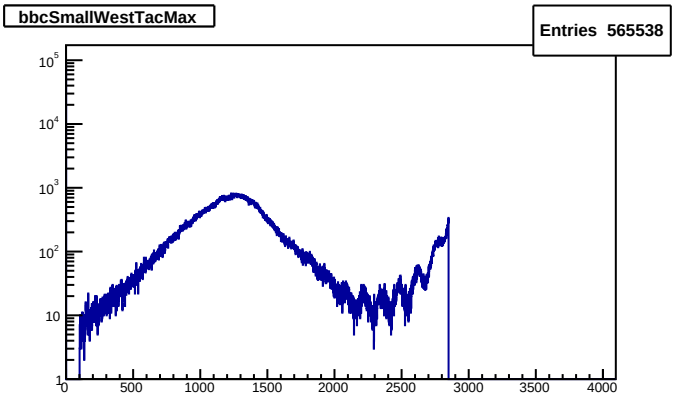
Simu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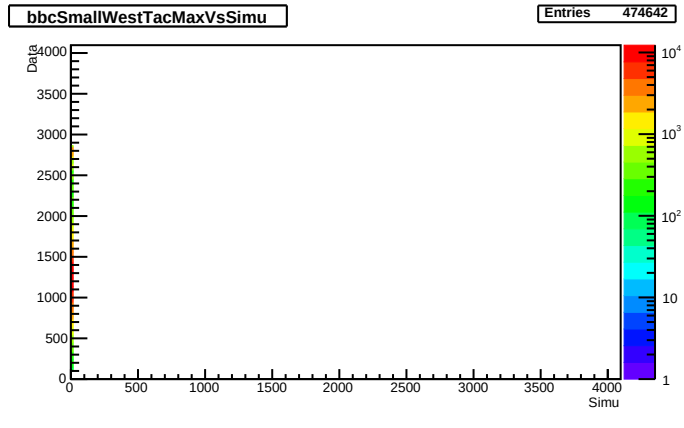
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Entries 474642
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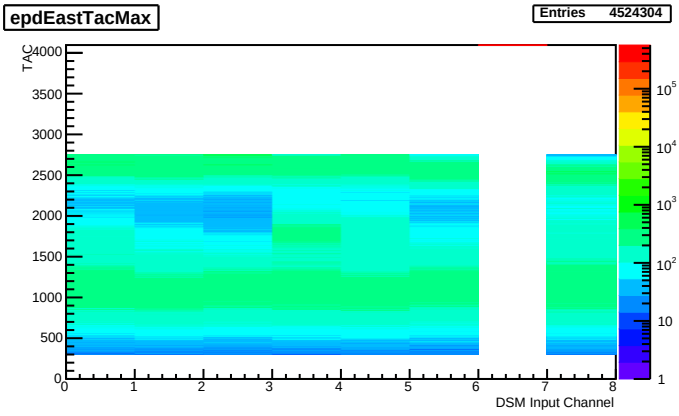
Simu


epdEastTacMax
Entries 4524304
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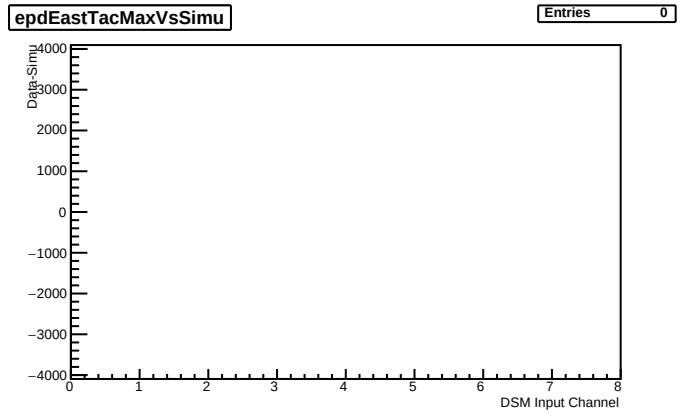
DSM Input Channel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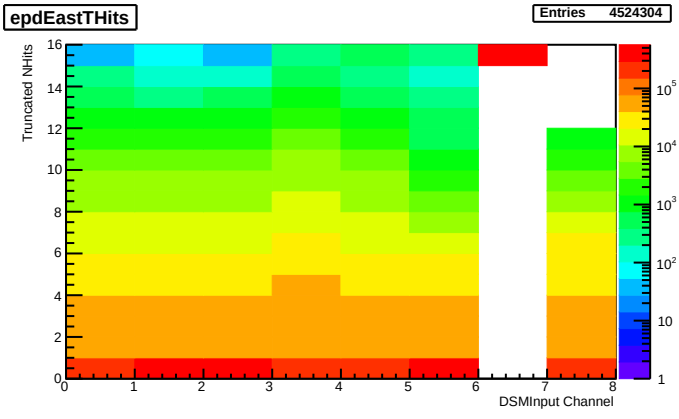
Entries 0
Data-Simu
DSM Input Channel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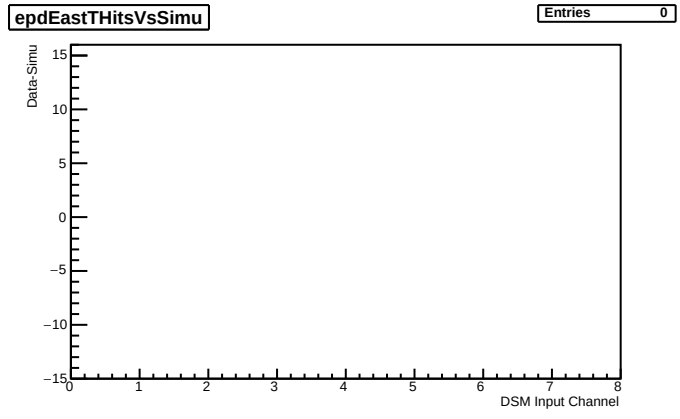
DSMInput Channel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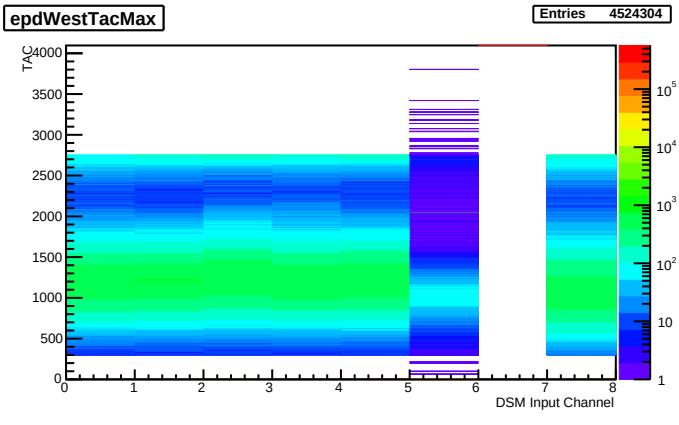
DSM Input Channel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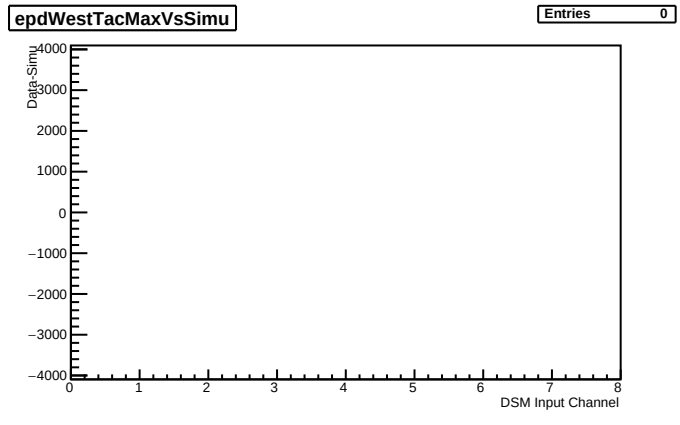
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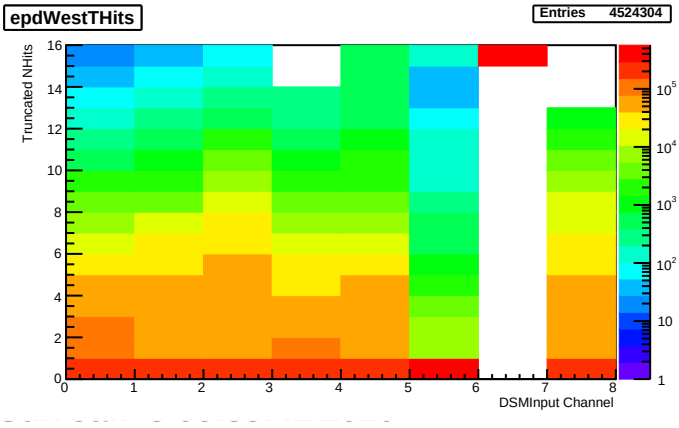
DSM Input Channel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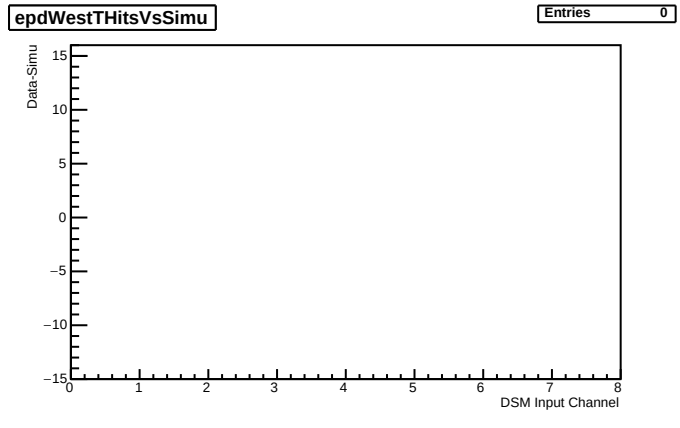
Entries 4524304
Truncated NHits
DSMInput Channel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Entries 0
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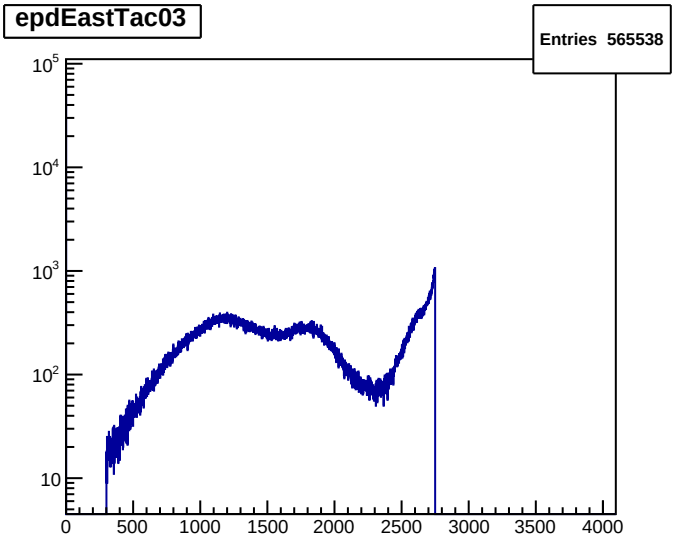
DSM Input Channel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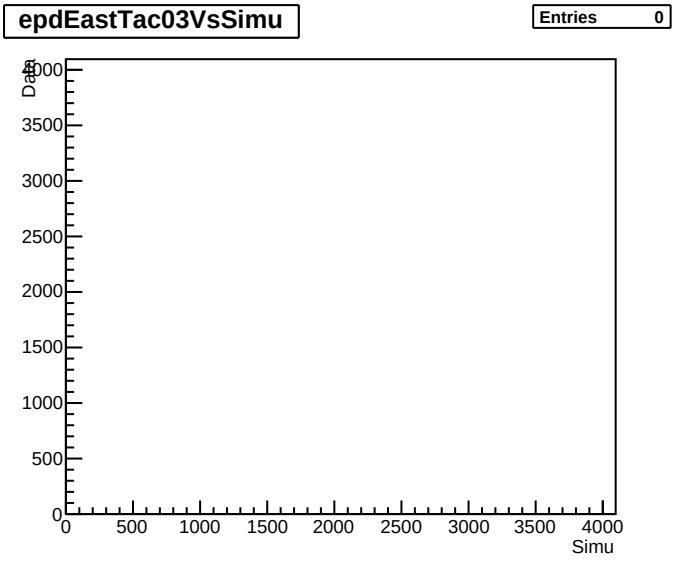
Entries 565538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Data
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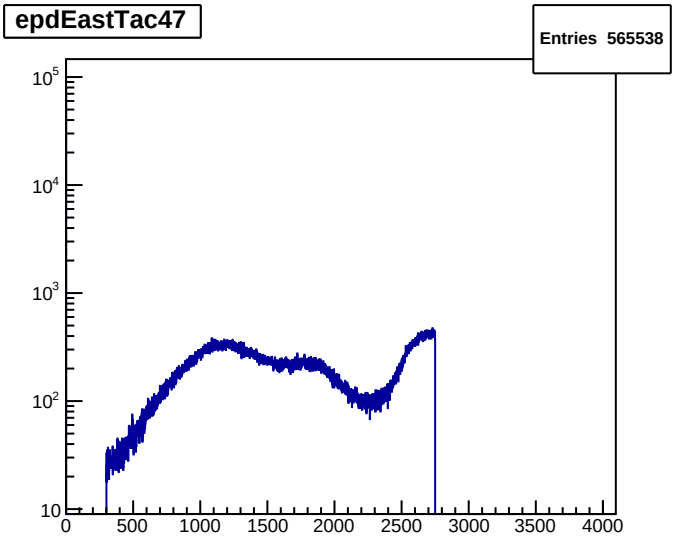
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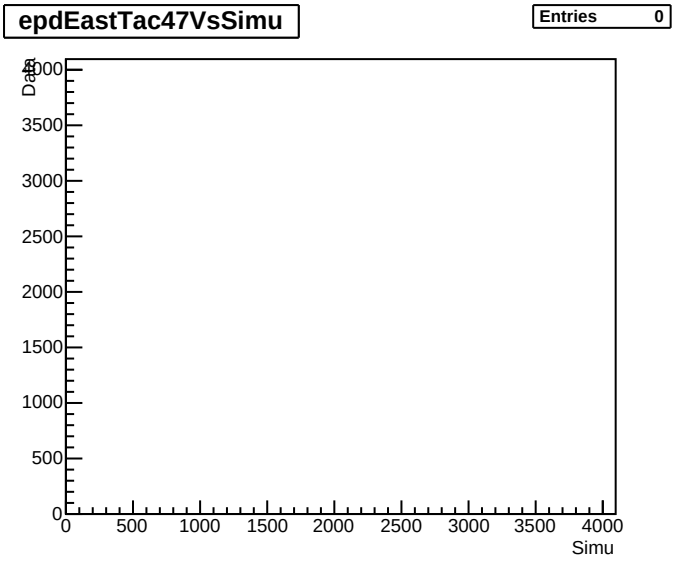
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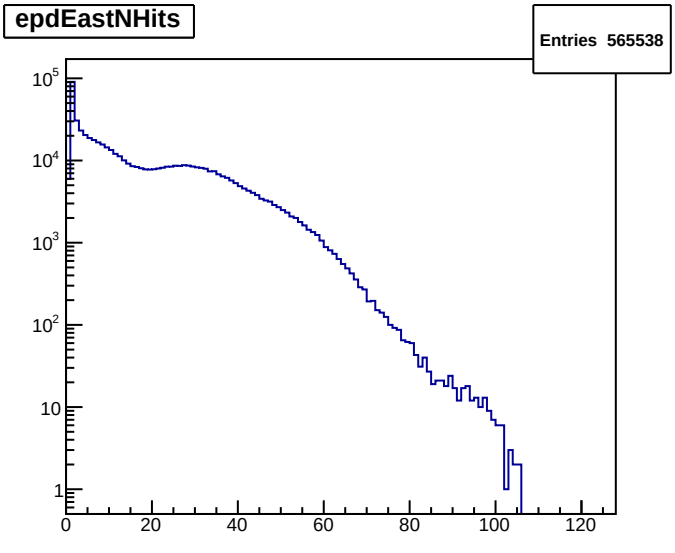
Entries 0
Data
Simu


epdEastNHits
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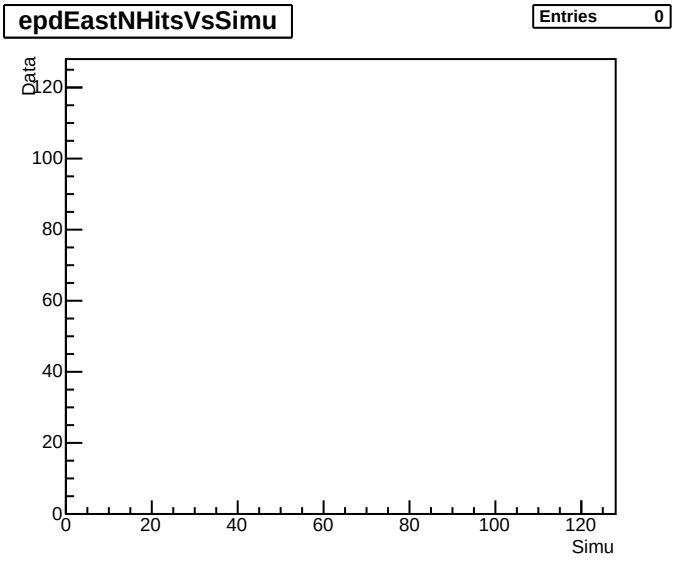
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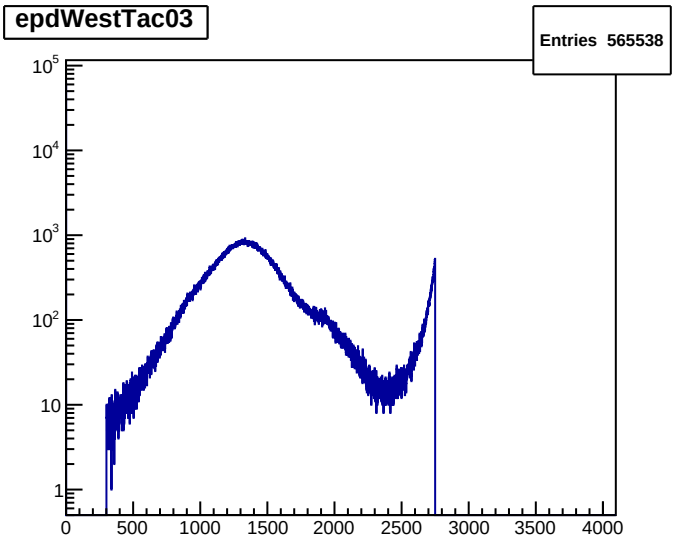
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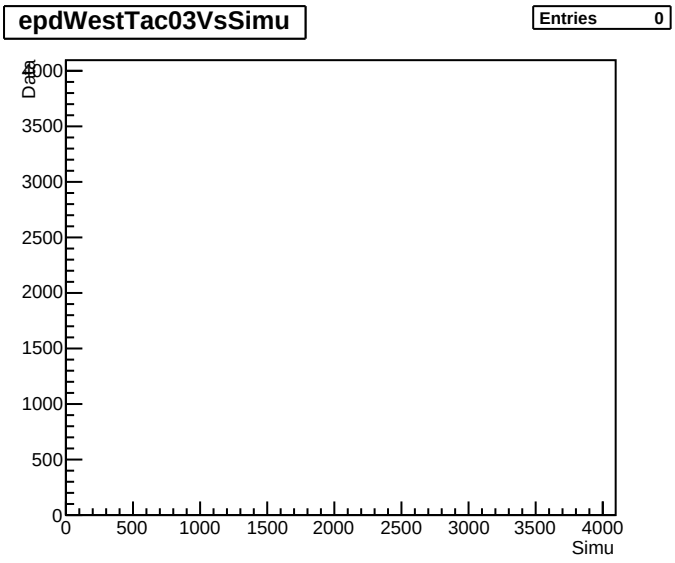
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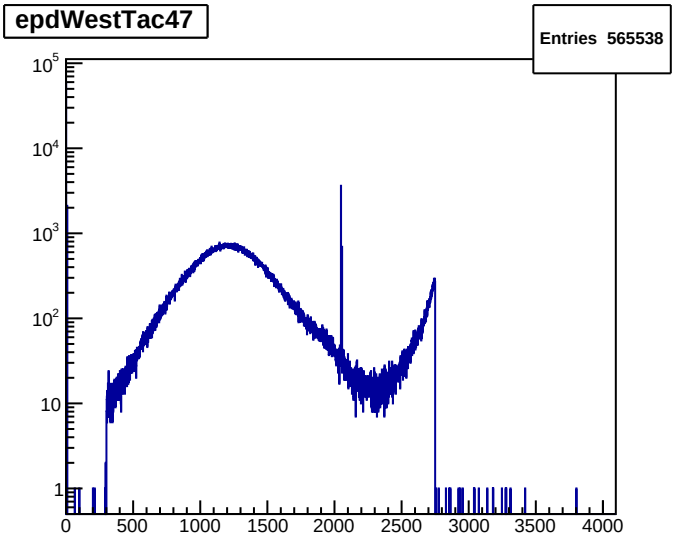
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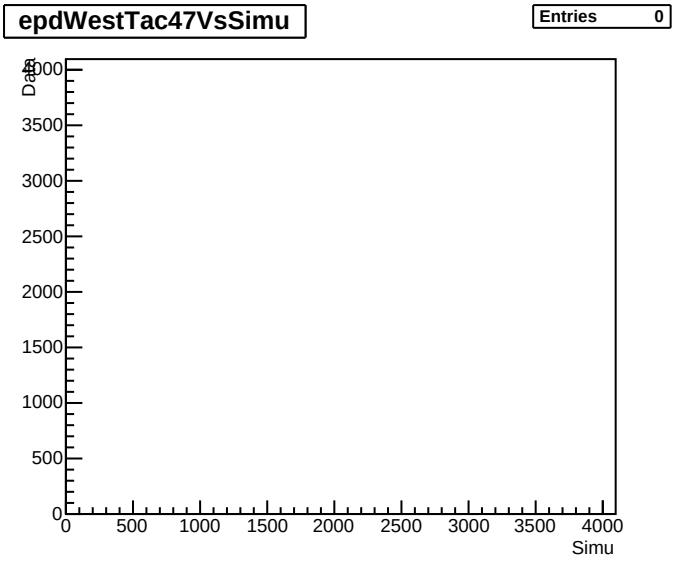
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Data
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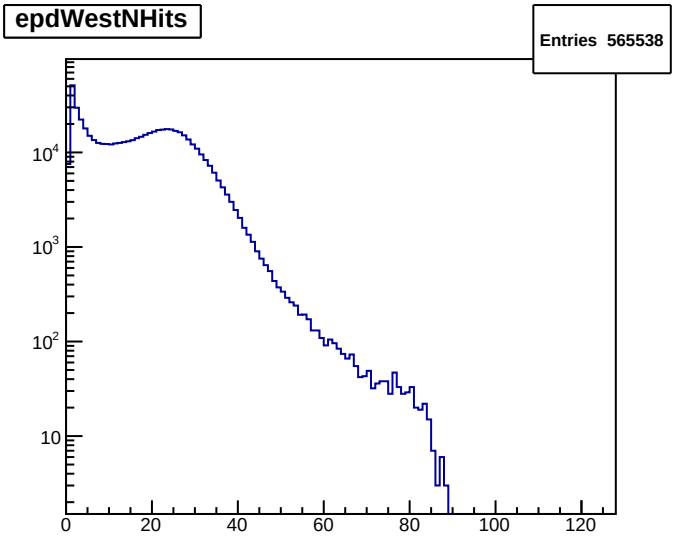
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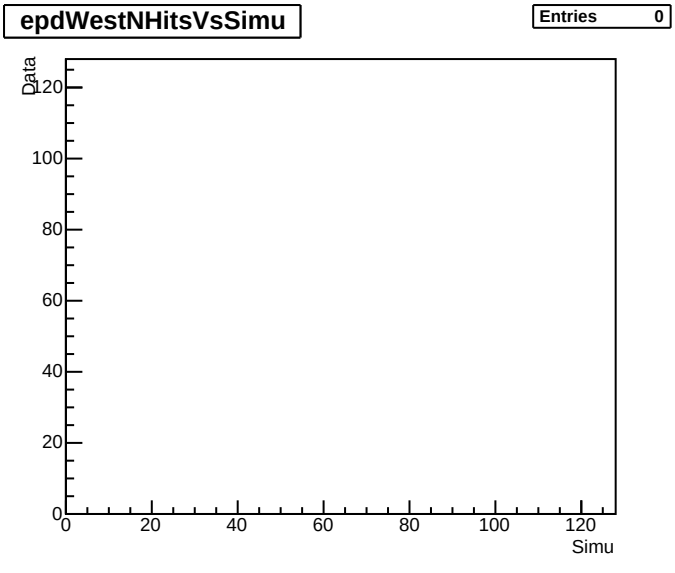
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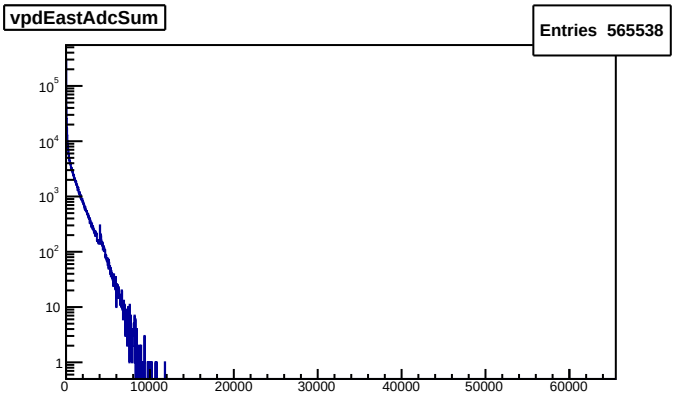
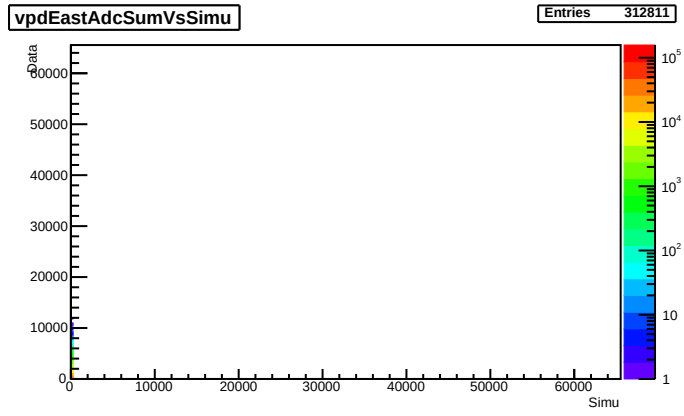
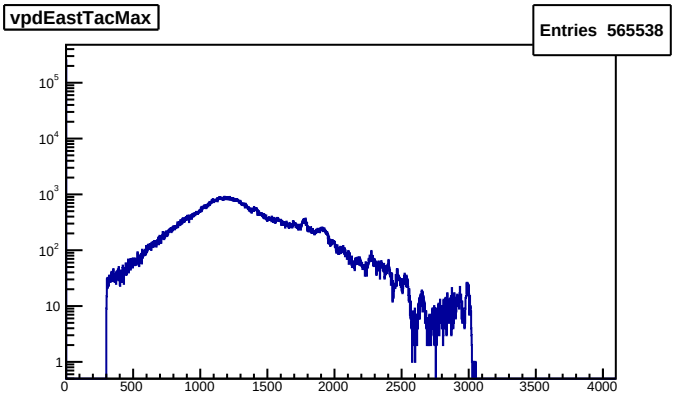
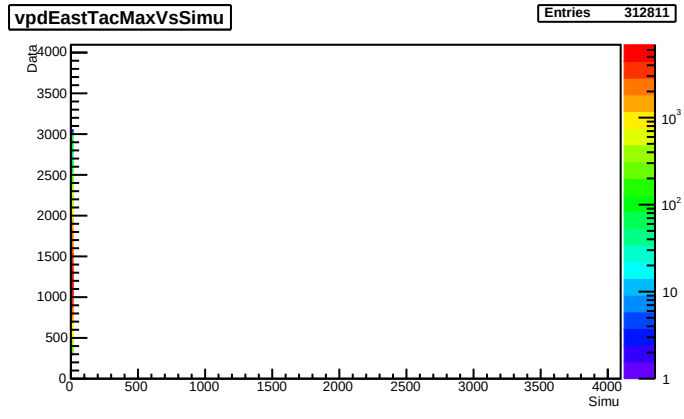
Entries 0
Data
Simu


vpdEastAdcSum
Entries 565538


vpdEastAdcSumVsSimu
Entries 312811
Data
Simu


vpdEastTacMax
Entries 565538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Entries 312811
Data
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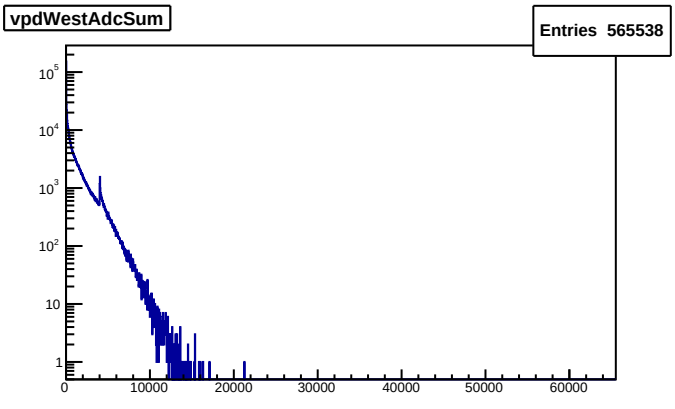
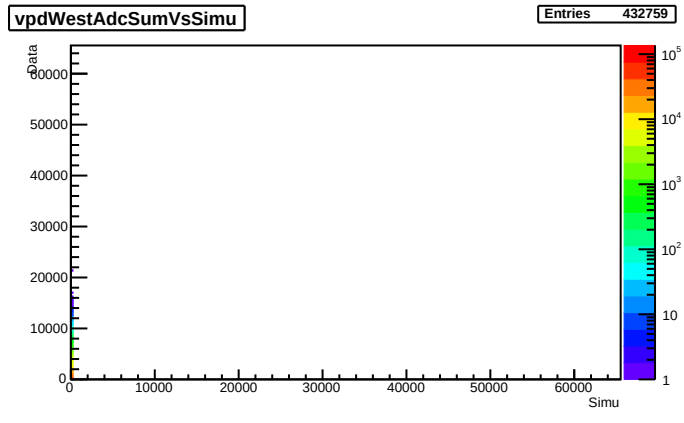

vpdWestAdcSum
Entries 565538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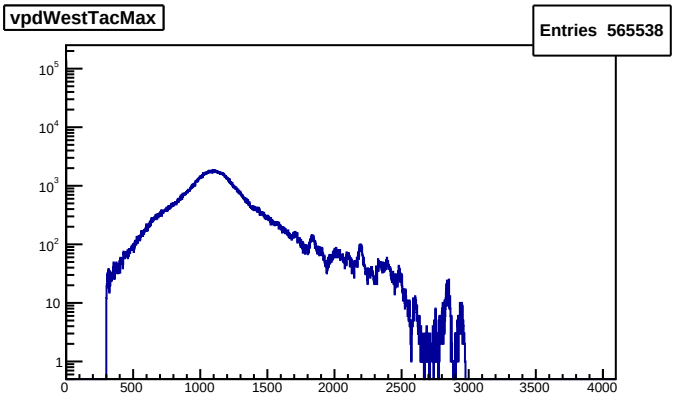
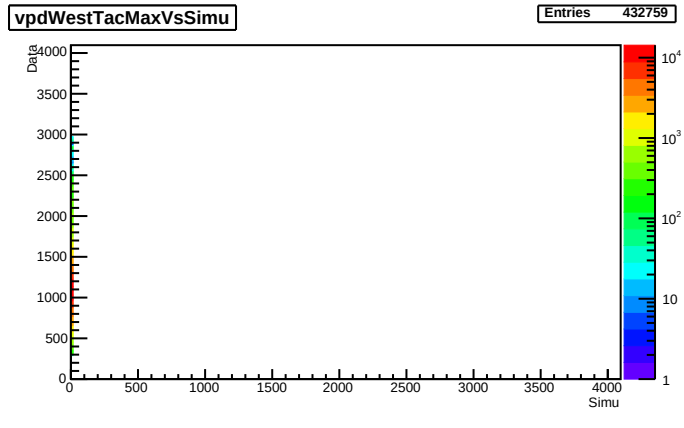
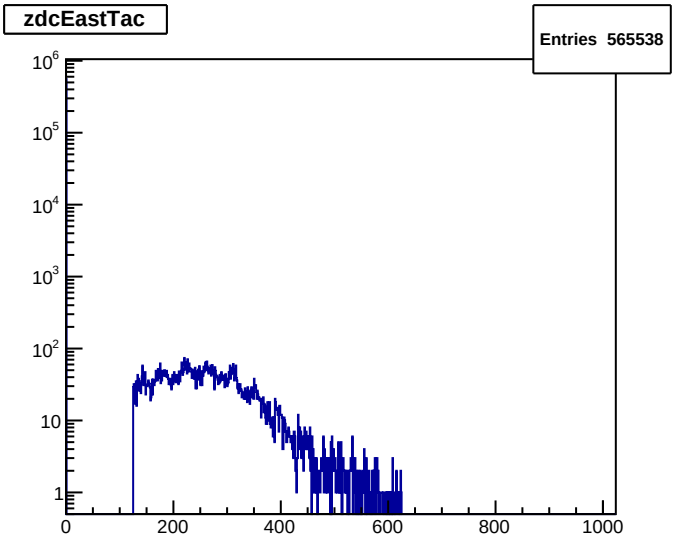
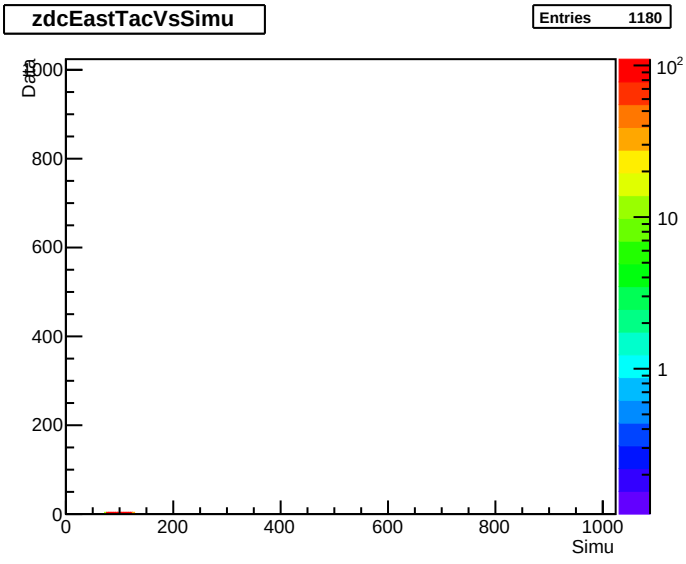
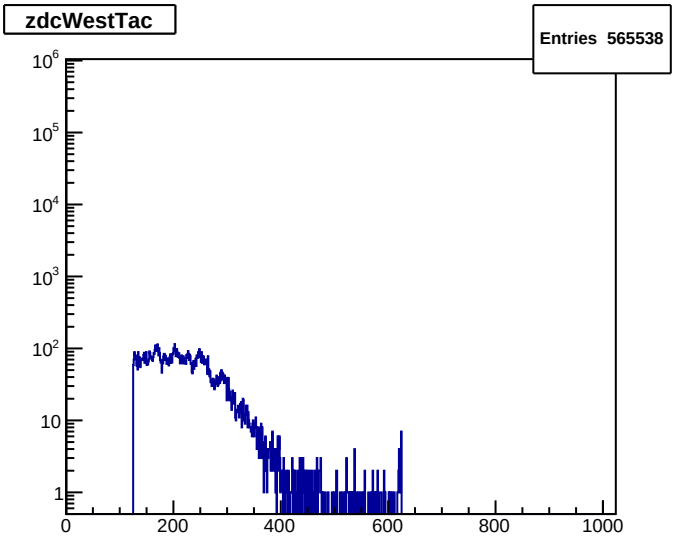
Entries 432759
Data
Simu

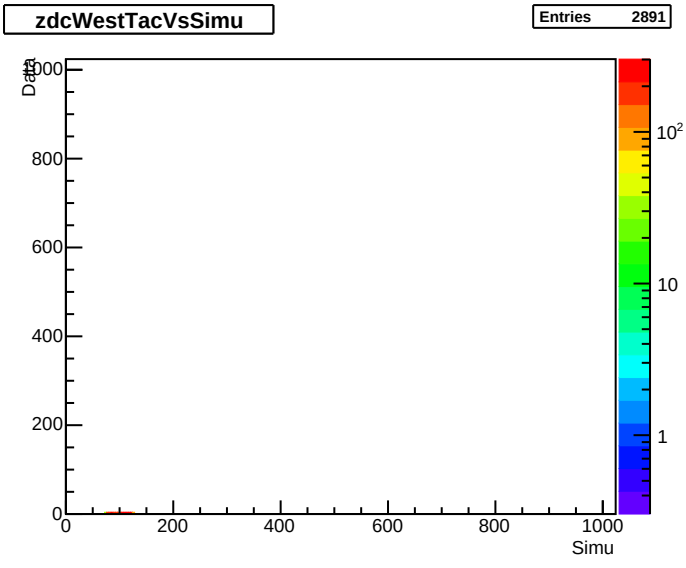

vpdWestTacMax
Entries 565538

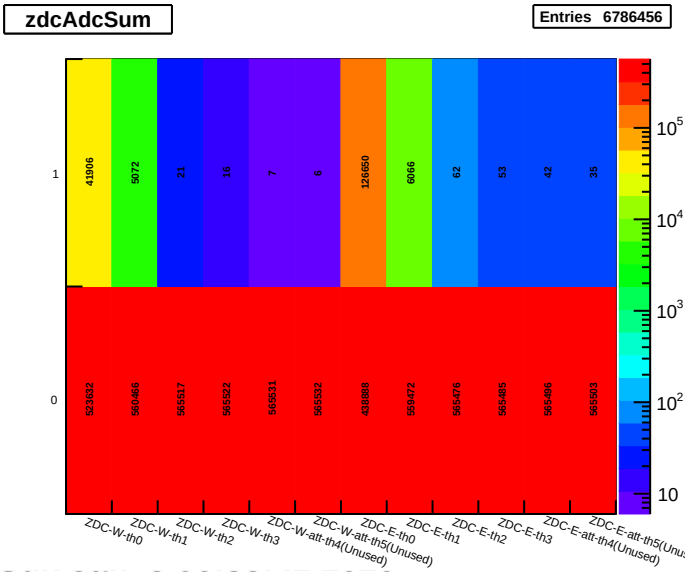

vpdWestTacMaxVsSimu
Entries 432759
Data
Simu


zdcEastTac
Entries 565538


zdcEastTacVsSimu
Entries 1180
Data
Simu


zdcWestTac
Entries 565538


zdcWestTacVsSimu
Entries 2891
Data
Simu


zdcAdcSum
Entries 6786456
41906
5072
21
16
7
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126650
6066
62
53
42
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523632
560466
565517
565522
565531
565532
438888
559472
565476
565485
565496
565503
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
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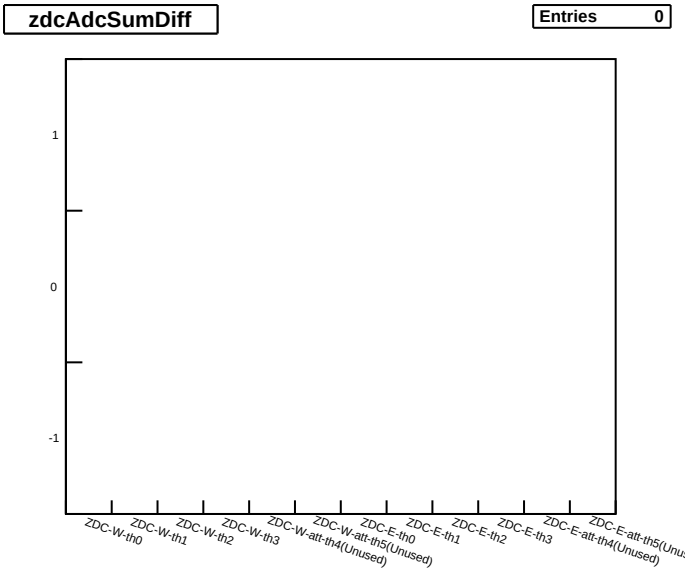
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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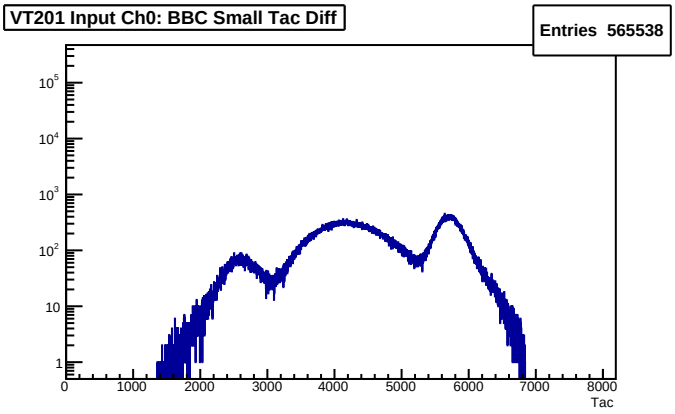
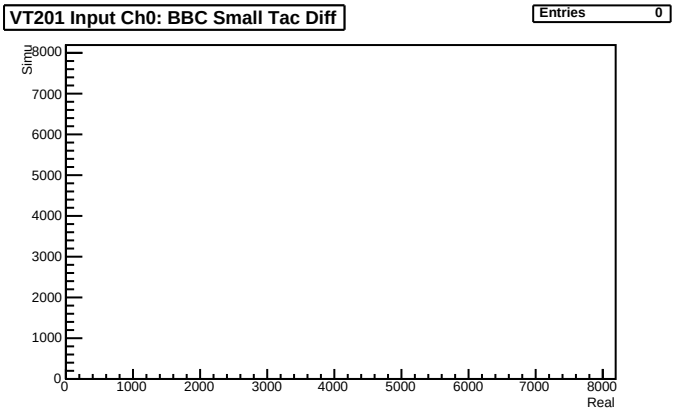
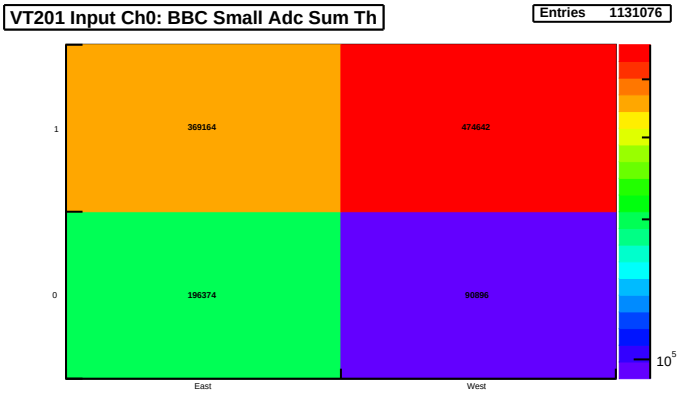
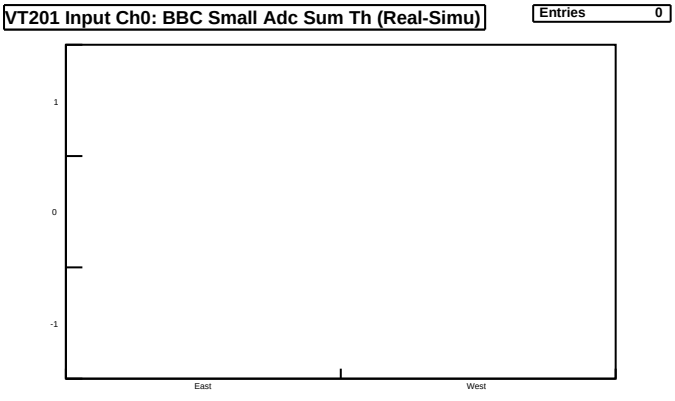
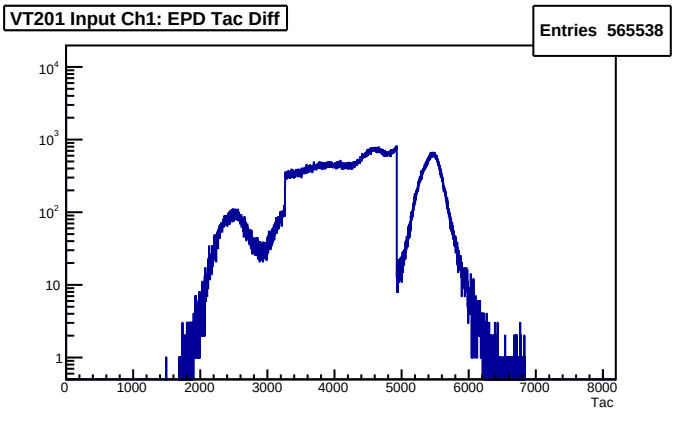
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

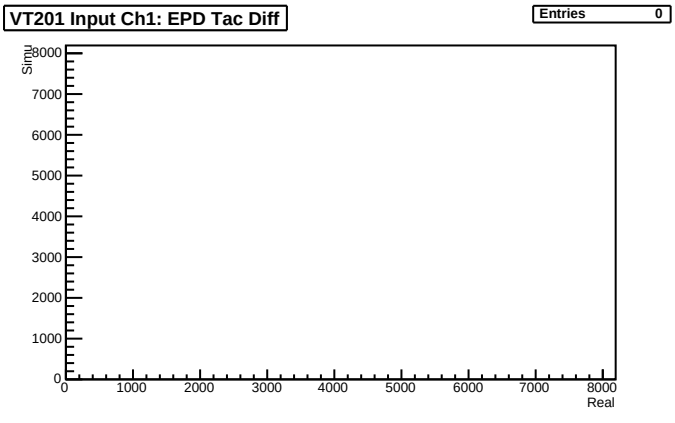

VT201 Input Ch0: BBC Small Tac Diff
Entries 565538
Tac

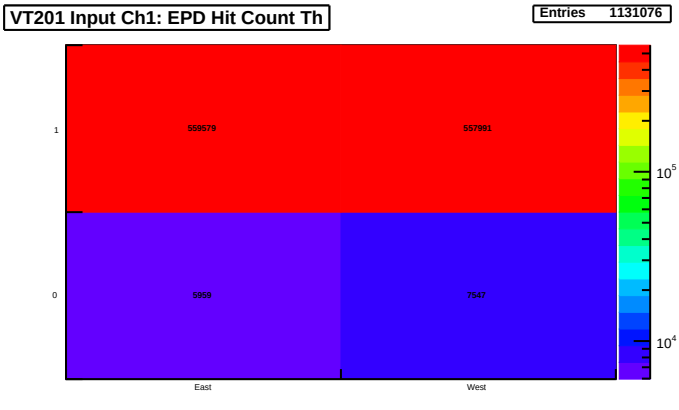

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

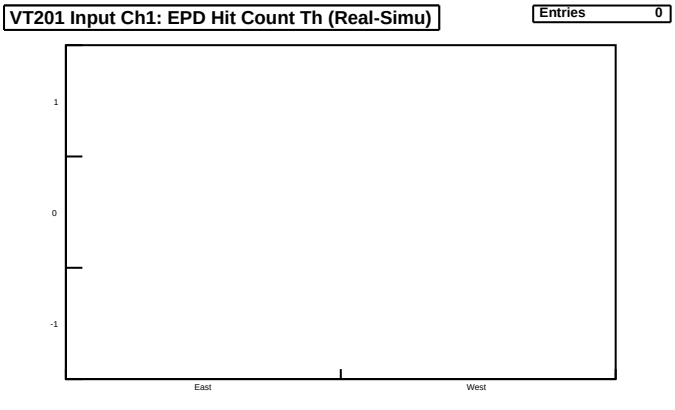

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1131076
369164
474642
196374
90896
East
West

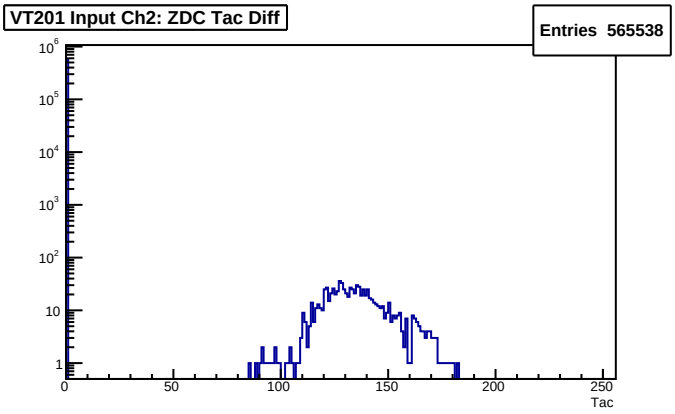

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

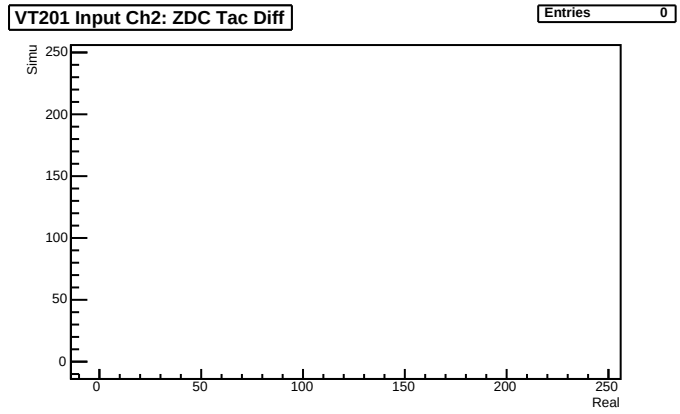

VT201 Input Ch1: EPD Tac Diff
Entries 565538
Tac

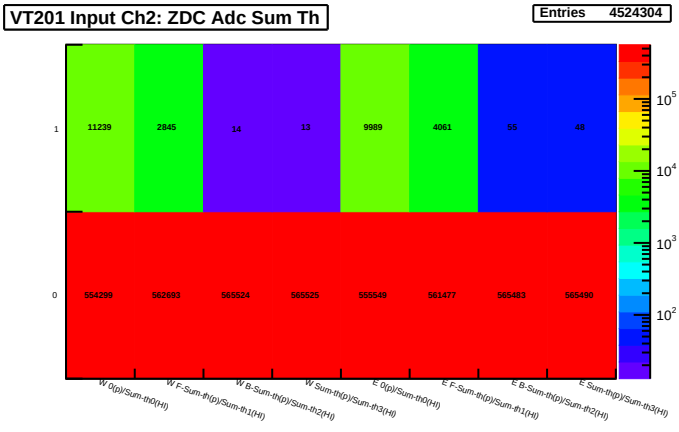

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

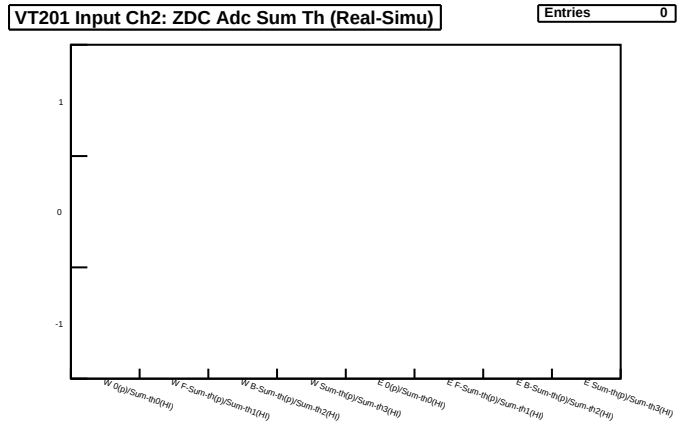

VT201 Input Ch1: EPD Hit Count Th
Entries 1131076
559579
557991
5959
7547
East
West

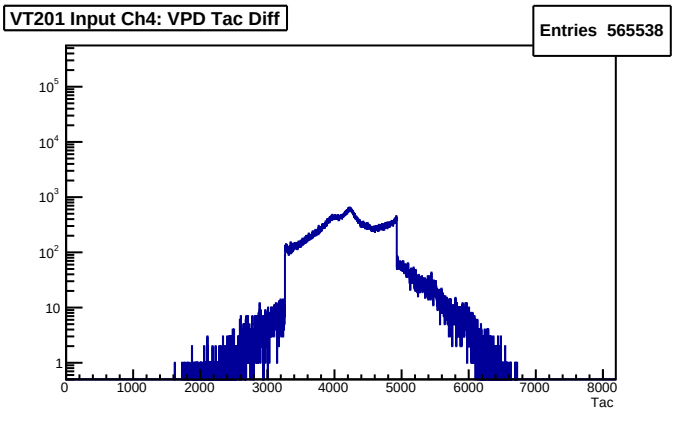

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

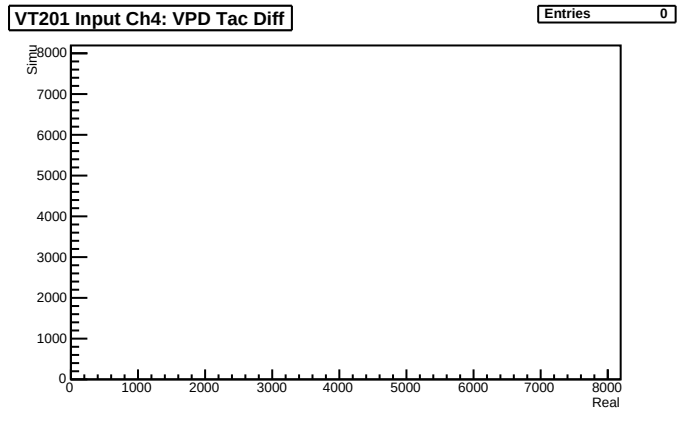

VT201 Input Ch2: ZDC Tac Diff
Entries 565538
Tac

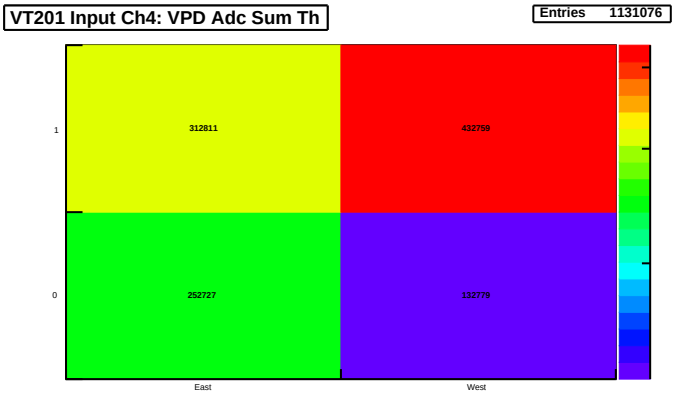

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

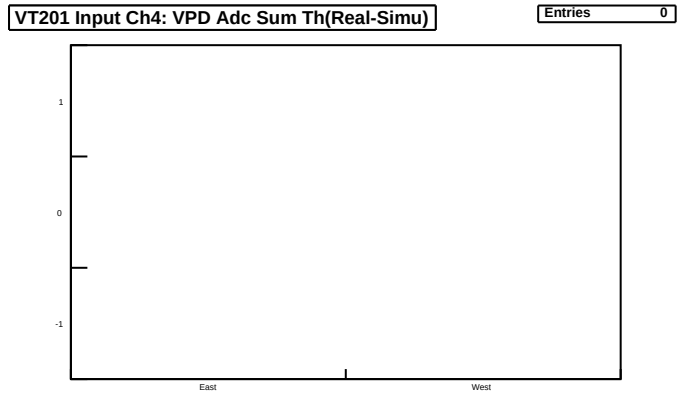

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4524304
11239
2845
14
13
9989
4061
55
48
554299
562693
565524
565525
555549
561477
565483
565490
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

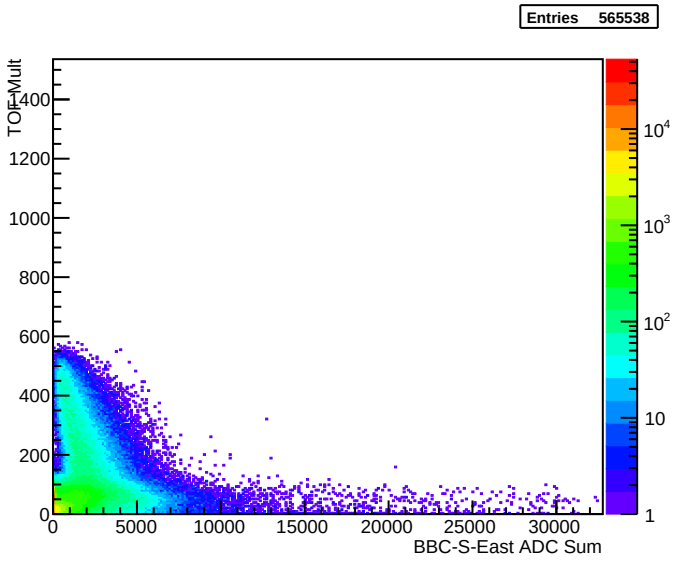

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

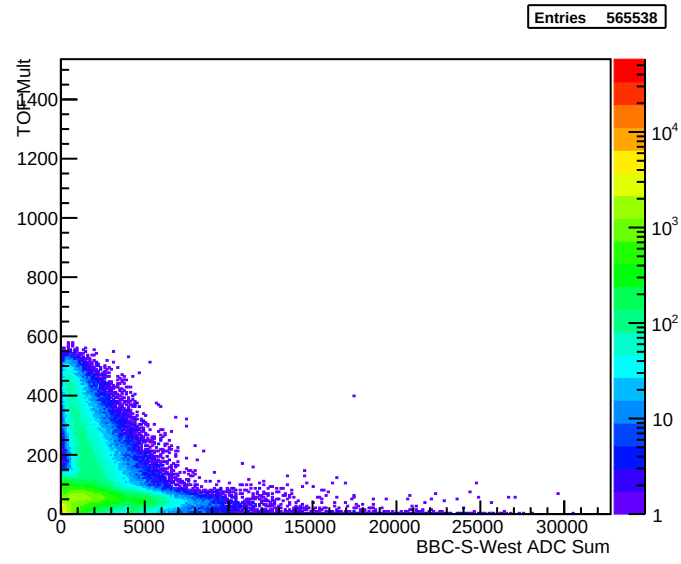

VT201 Input Ch4: VPD Tac Diff
Entries 565538
Tac

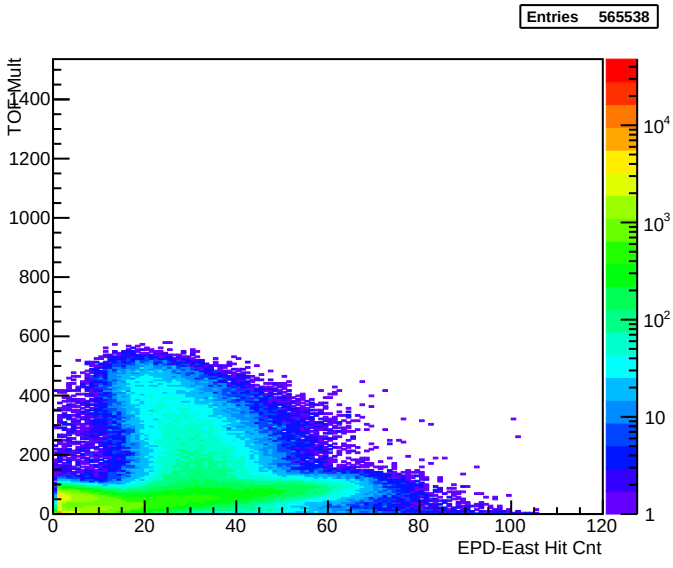

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

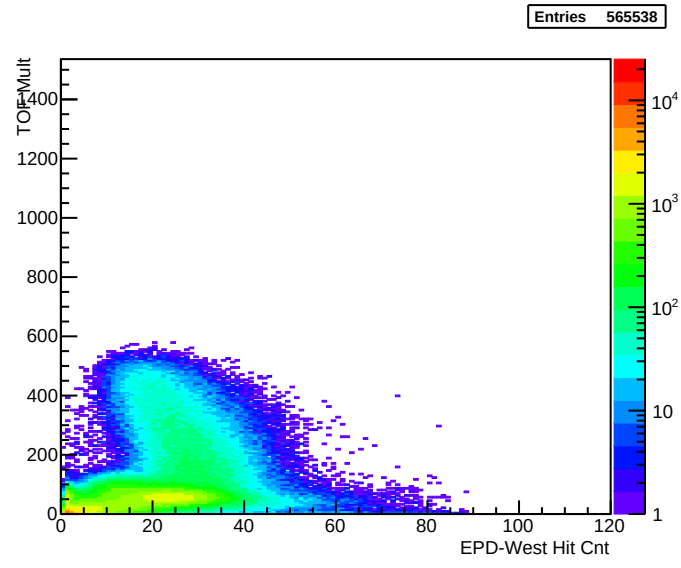

VT201 Input Ch4: VPD Adc Sum Th
Entries 1131076
312811
432759
252727
132779
East
West

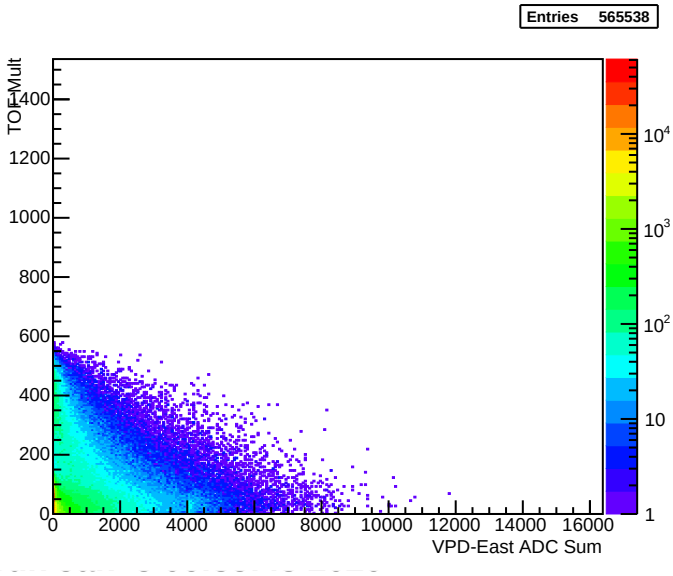

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

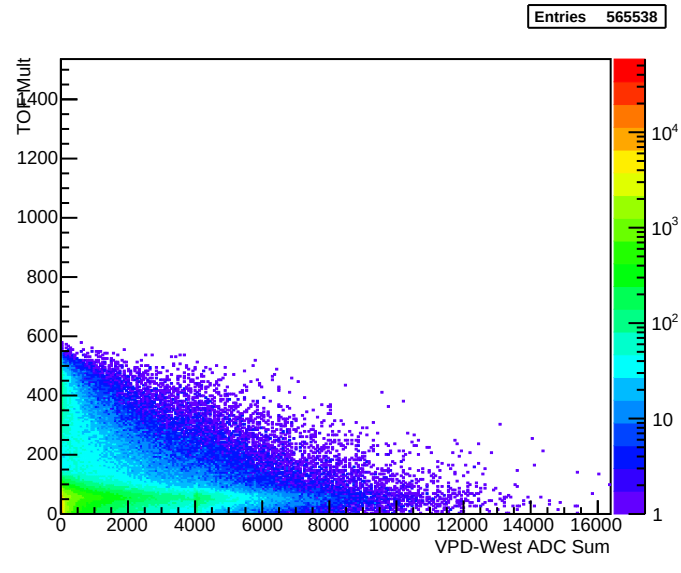

Entries 565538
TOF-Mult
BBC-S-East ADC Sum

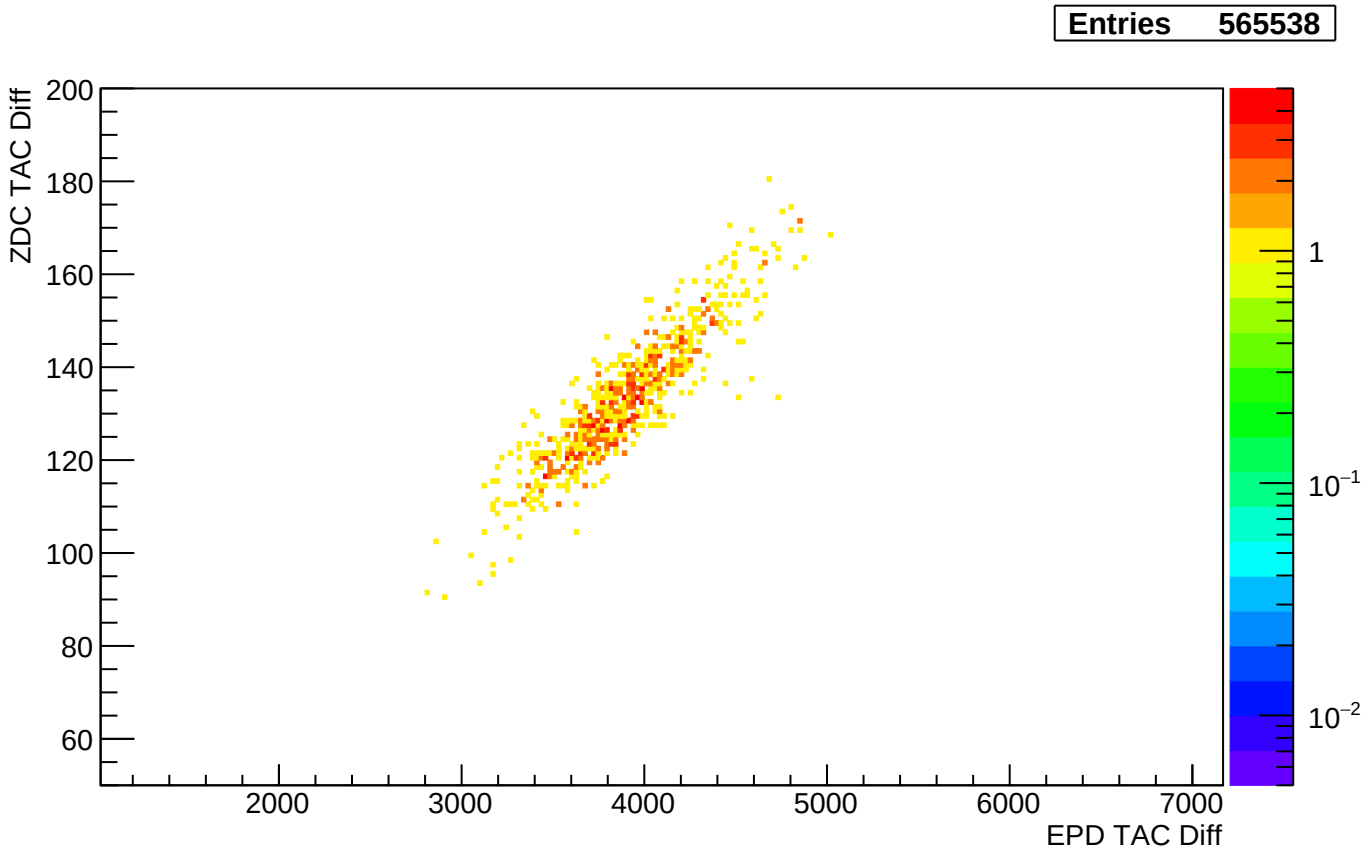

Entries 565538
TOF-Mult
BBC-S-West ADC Sum

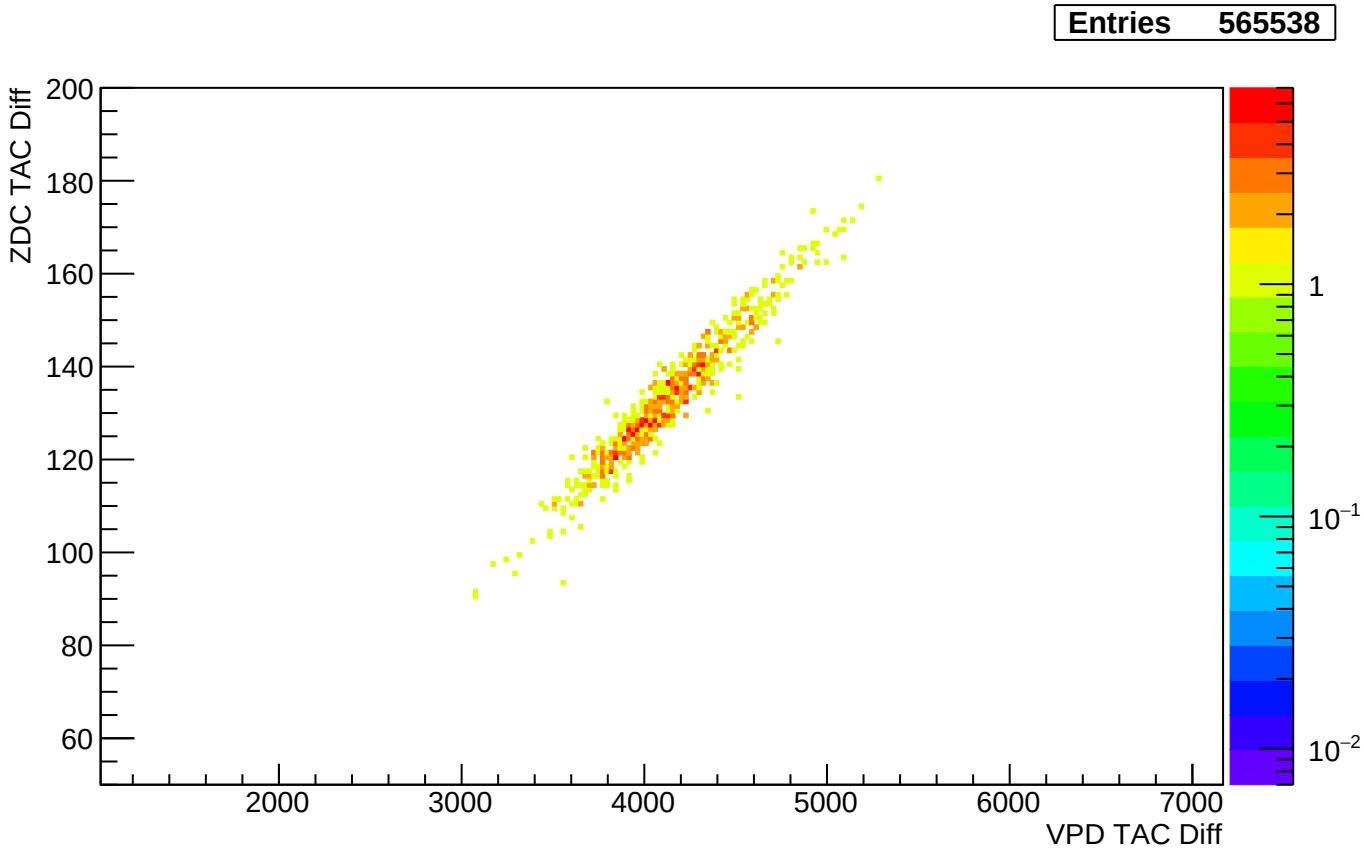

Entries 565538
TOF-Mult
EPD-East Hit Cnt

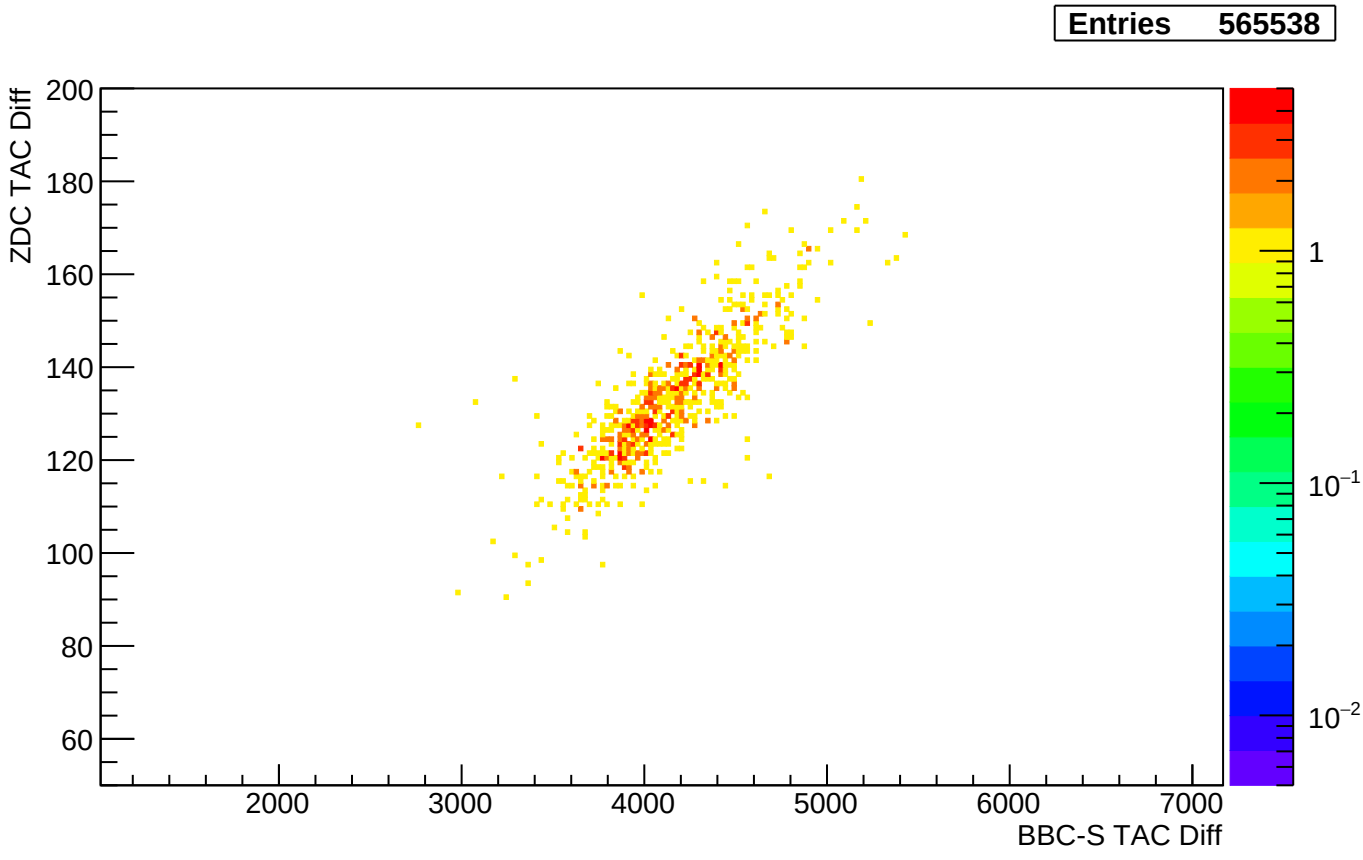

Entries 565538
TOF-Mult
EPD-West Hit Cnt

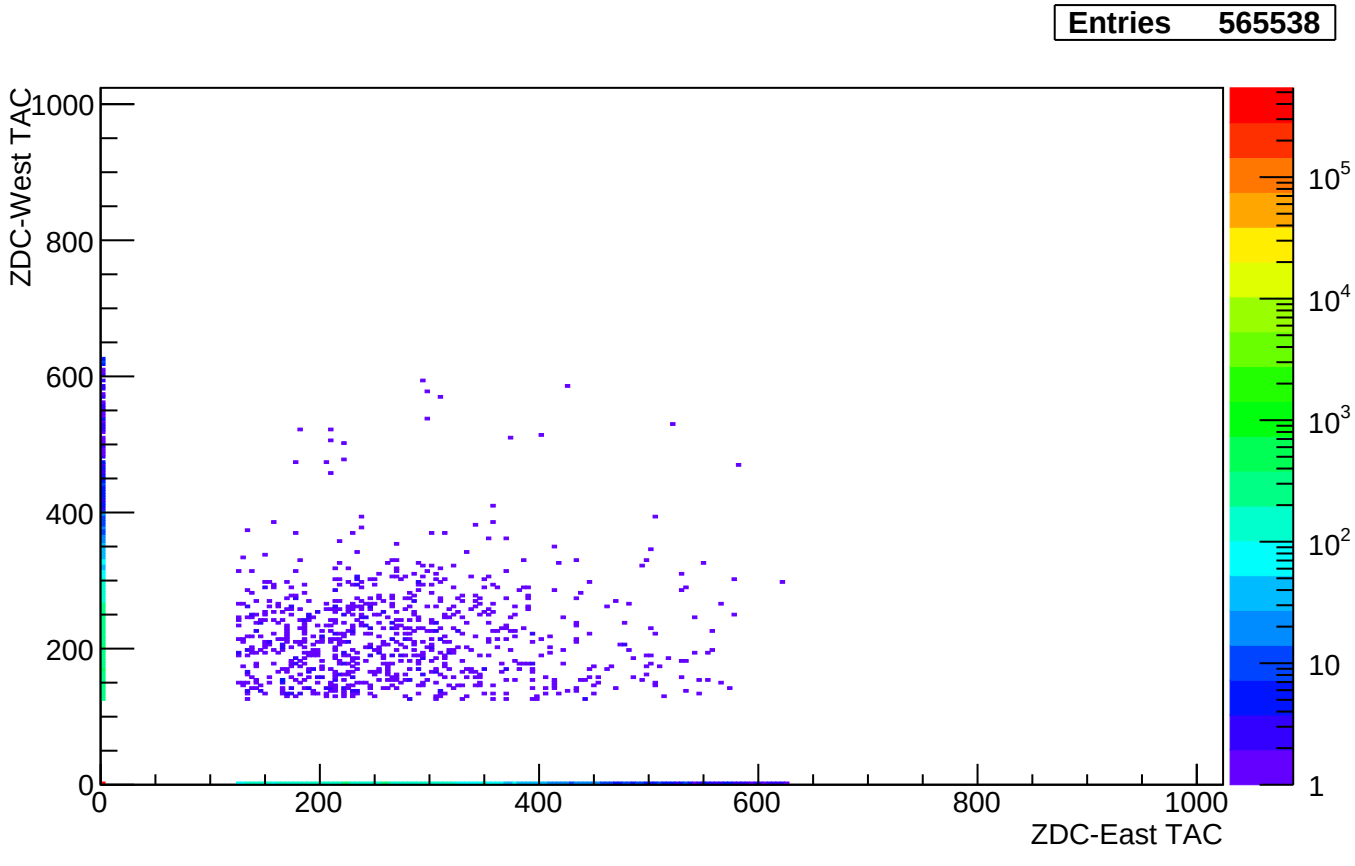

Entries 565538
TOF-Mult
VPD-East ADC Sum

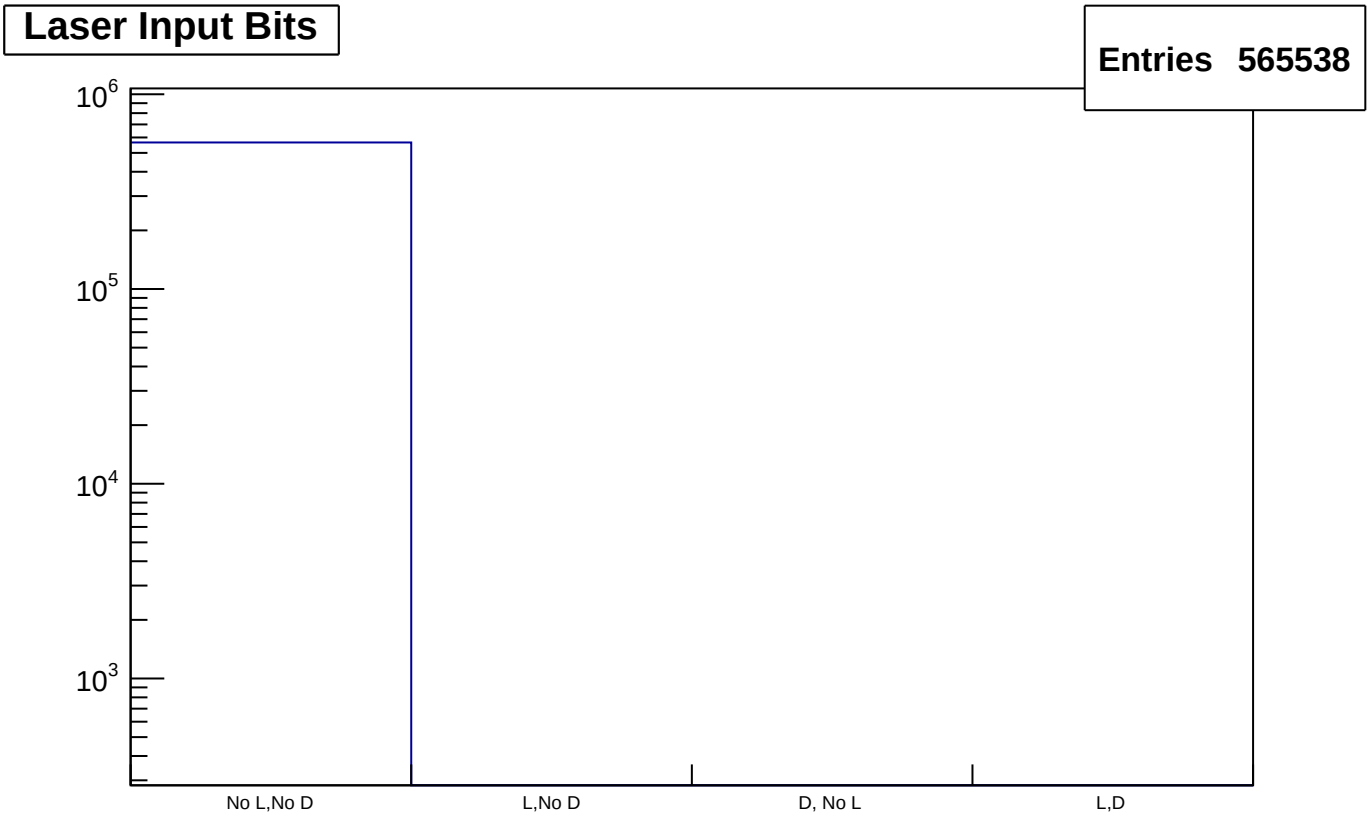

Entries 565538
TOF-Mult
VPD-West ADC Sum

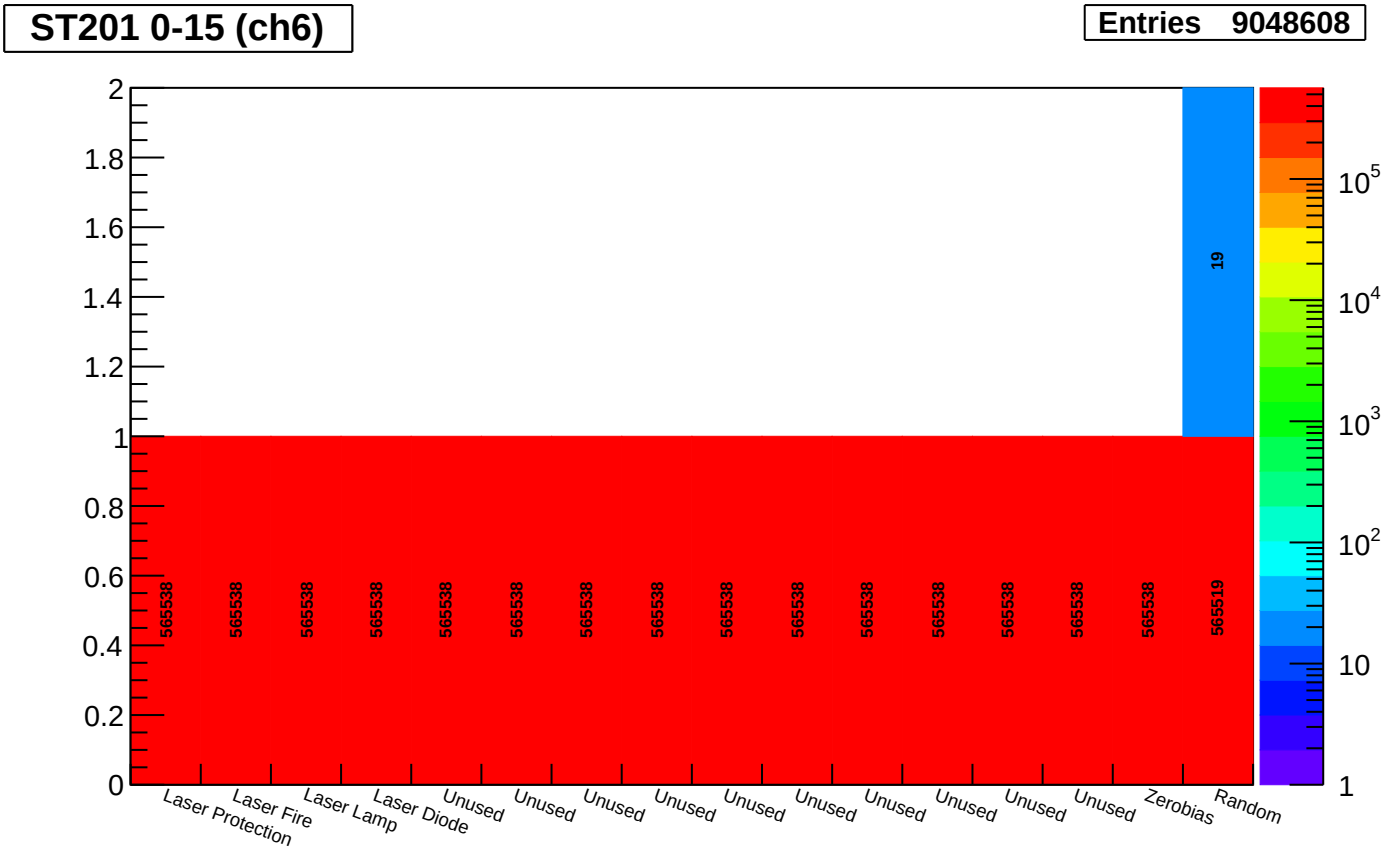

Entries 565538
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

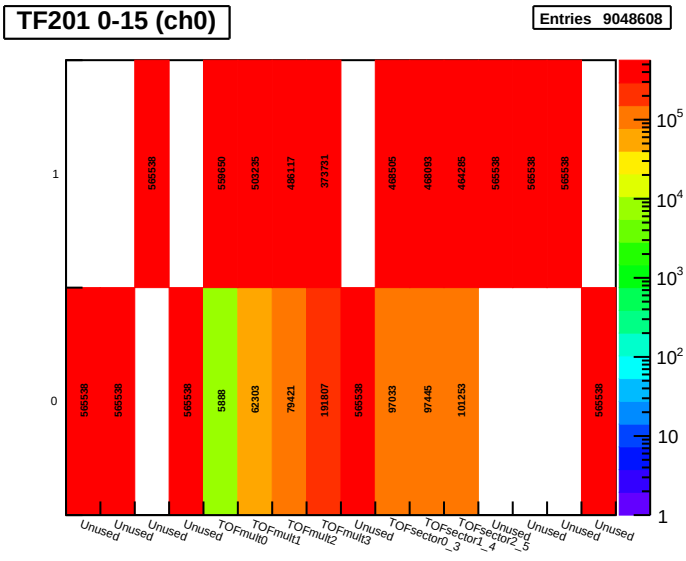

Entries 565538
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

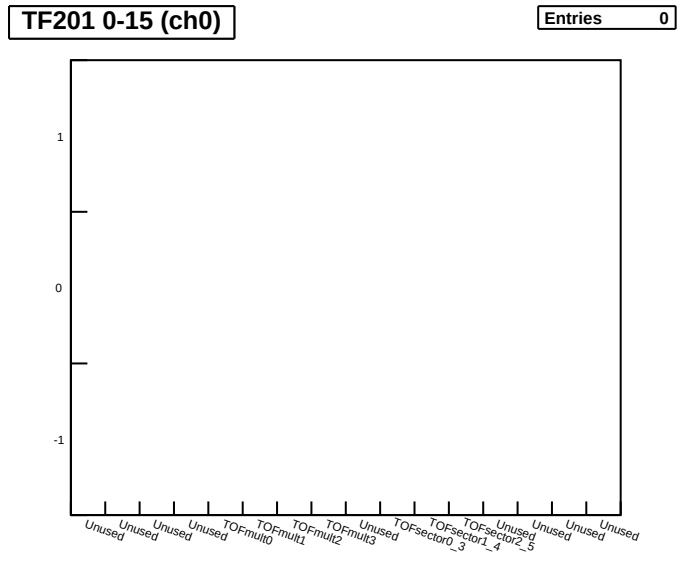

Entries 565538
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

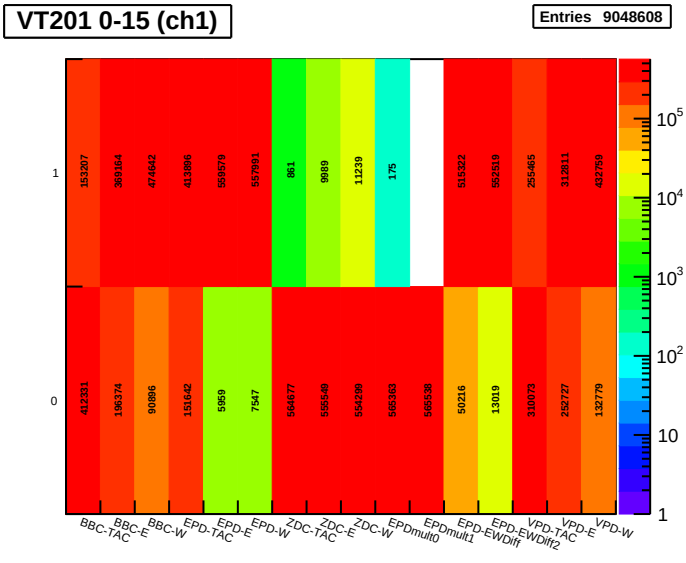

Entries 565538
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

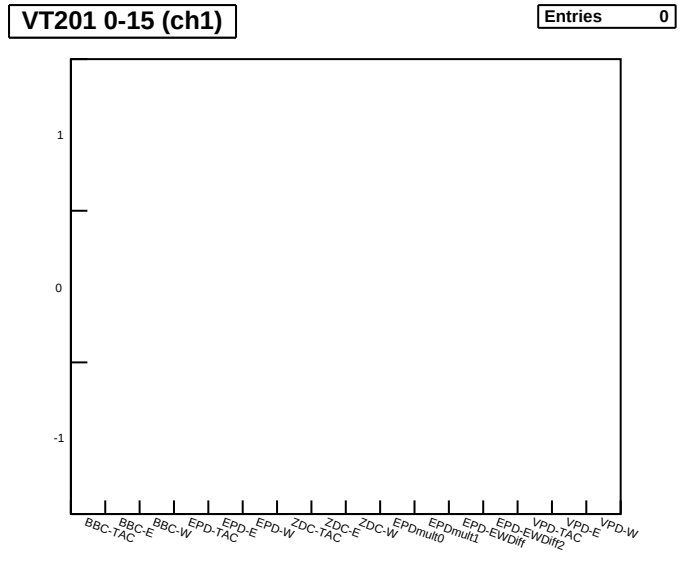

Laser Input Bits
Entries 565538
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

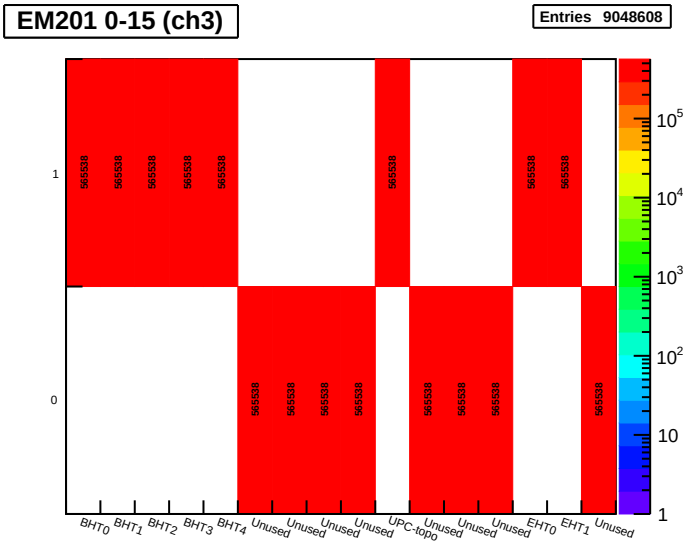

ST201 0-15 (ch6)
Entries 9048608
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565519
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

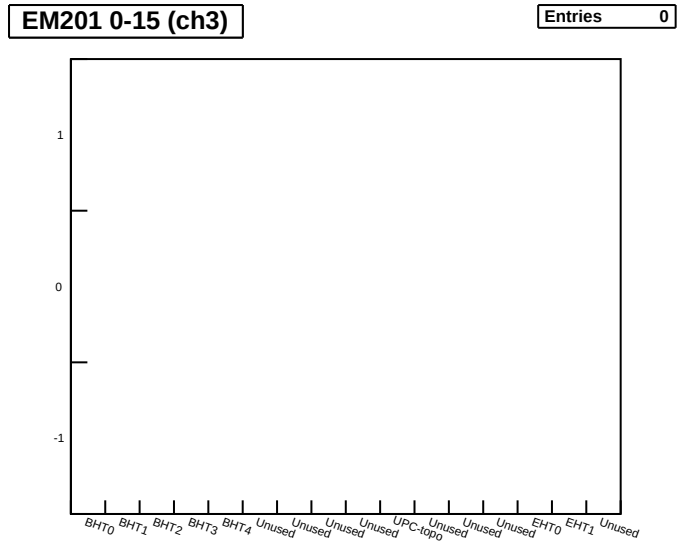

TF201 0-15 (ch0)
Entries 9048608
1
0
565538
565538
565538
565538
530650
503235
486117
373731
468505
468093
464265
565538
565538
565538
565538
5888
62303
79421
191807
565538
97033
97445
101253
565538
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9048608
1
0
153207
369164
474642
413896
559579
557991
861
9989
11239
175
515322
552519
255465
312811
432759
412331
196374
90896
151642
5959
7547
564677
555540
554299
566363
565538
50216
13019
310073
252727
132779
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 9048608
1
0
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
565538
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused