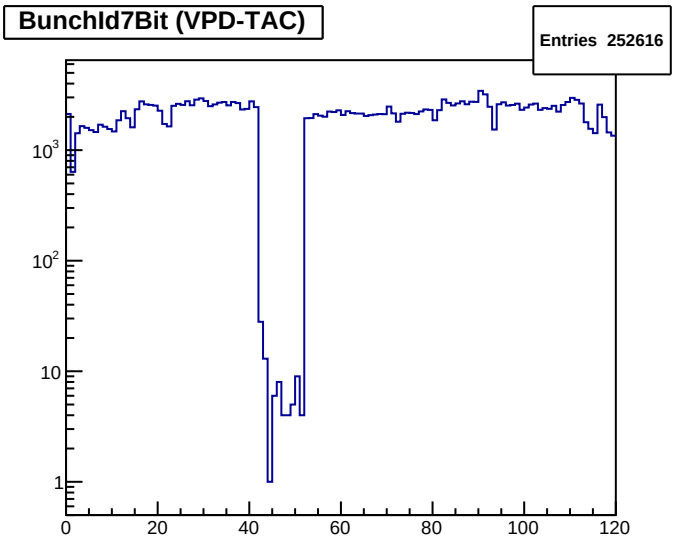
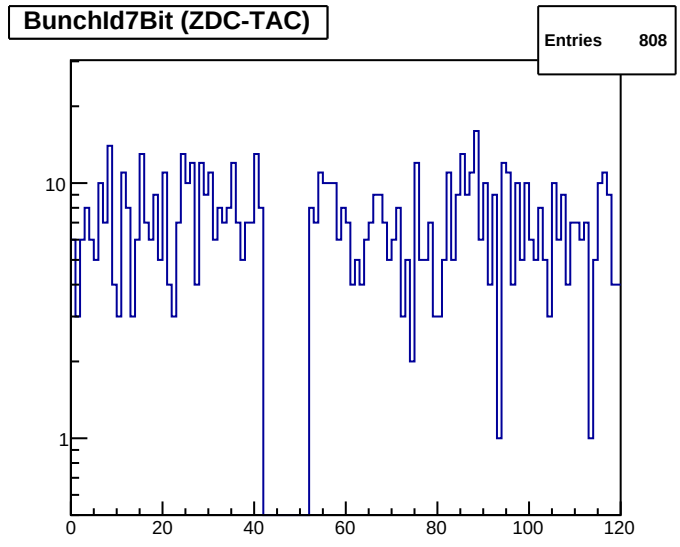
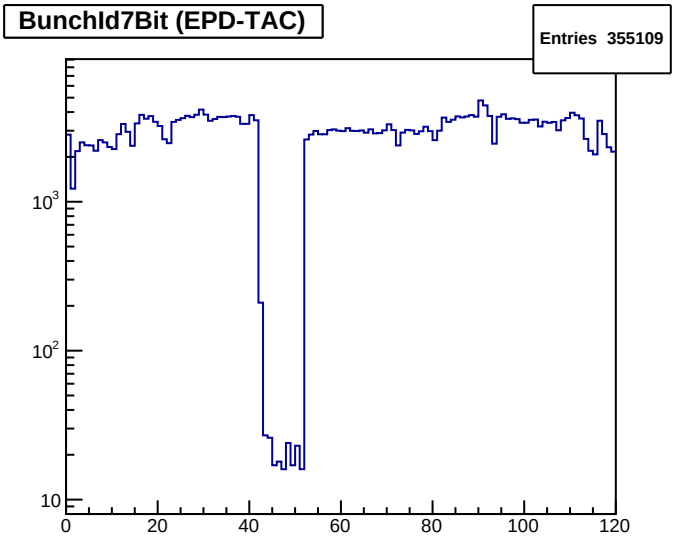
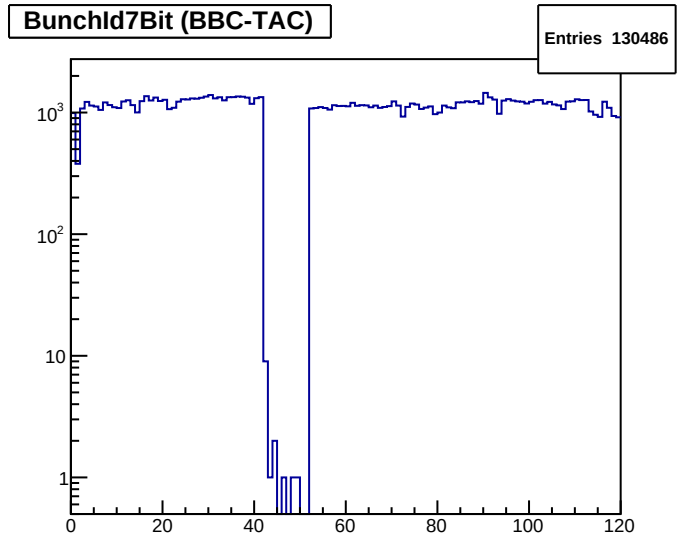
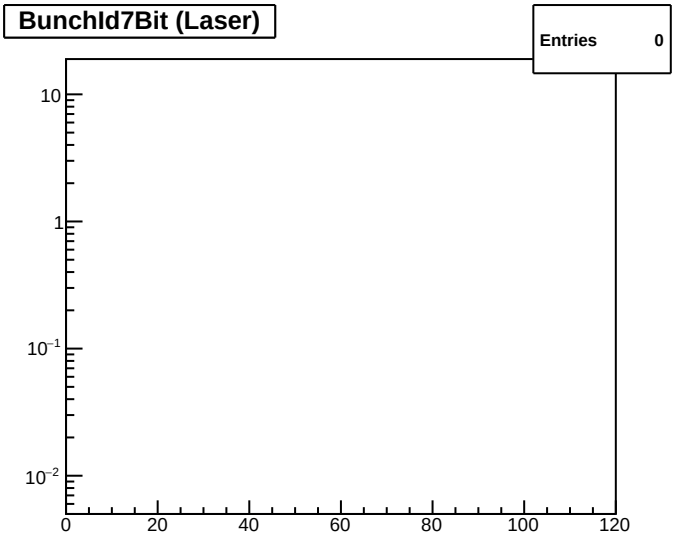
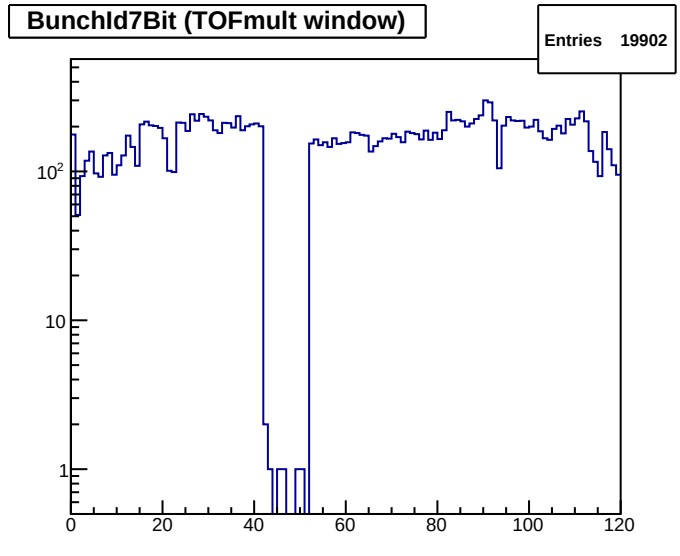

BunchId7Bit (VPD-TAC)
Entries 252616

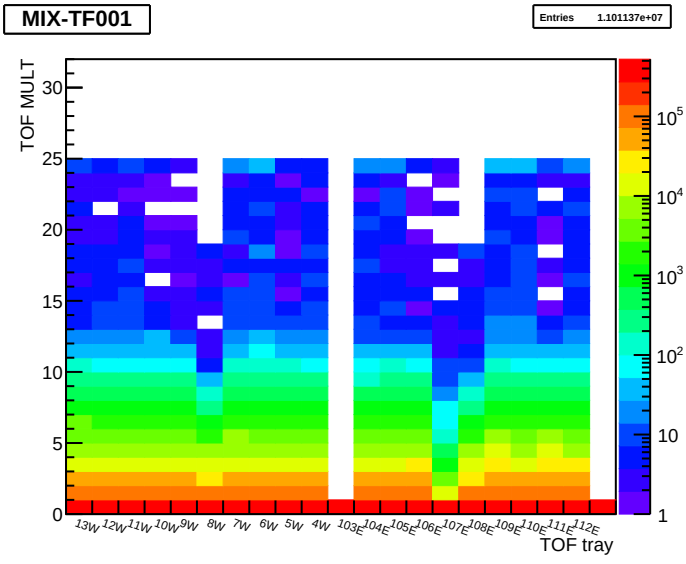

BunchId7Bit (ZDC-TAC)
Entries 808

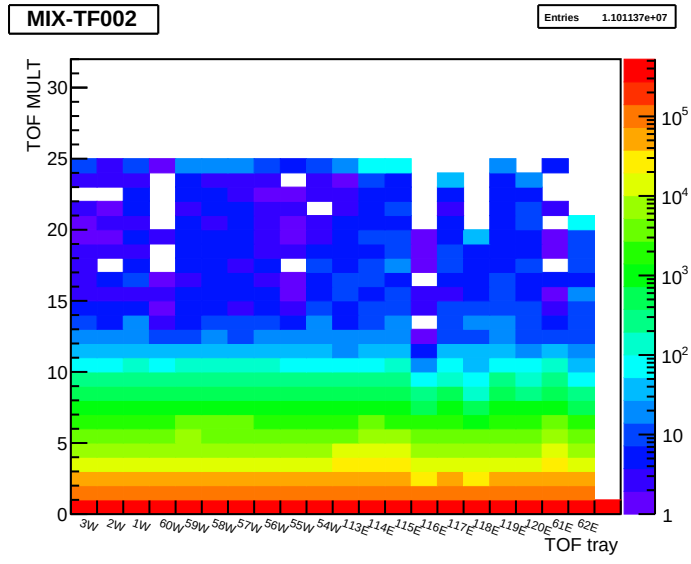

BunchId7Bit (EPD-TAC)
Entries 355109

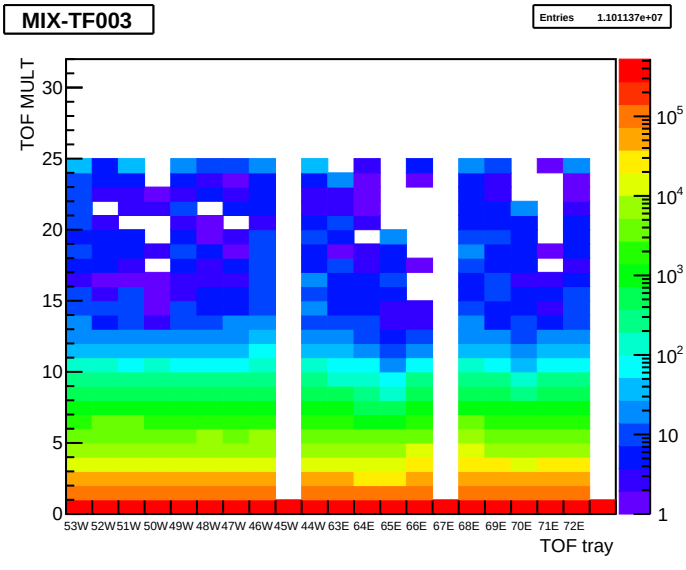

BunchId7Bit (BBC-TAC)
Entries 130486

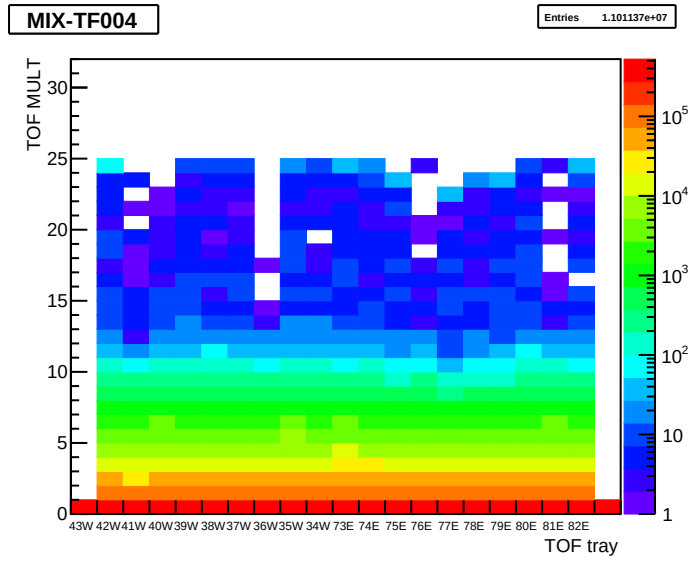

BunchId7Bit (Laser)
Entries 0

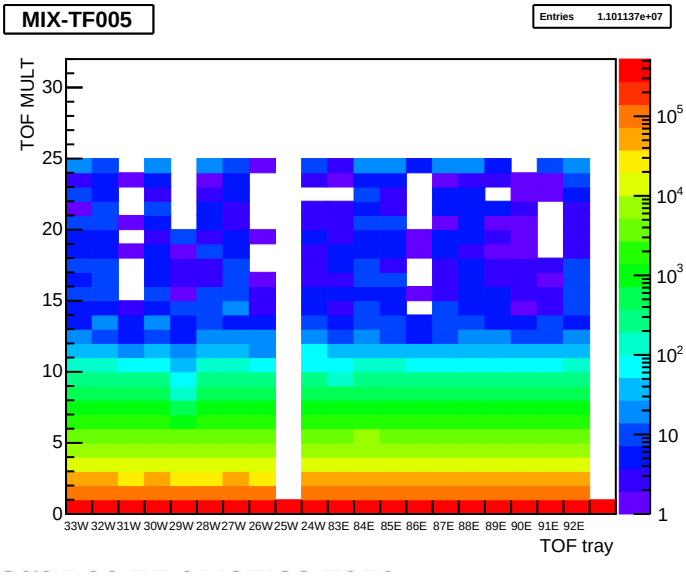

BunchId7Bit (TOFmult window)
Entries 19902

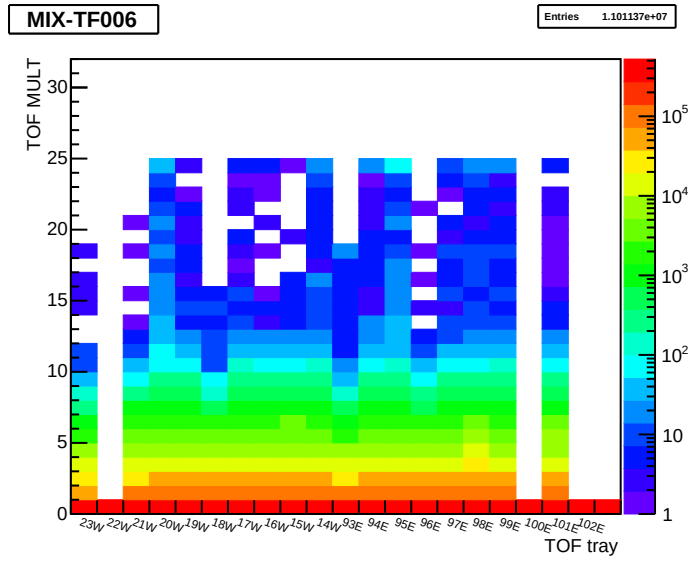

MIX-TF001
Entries 1.101137e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

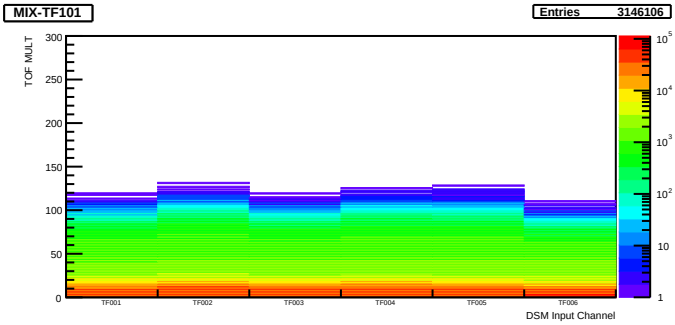

MIX-TF002
Entries 1.101137e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

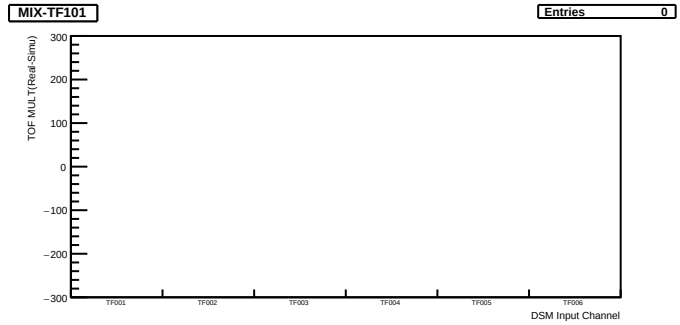

MIX-TF003
Entries 1.101137e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

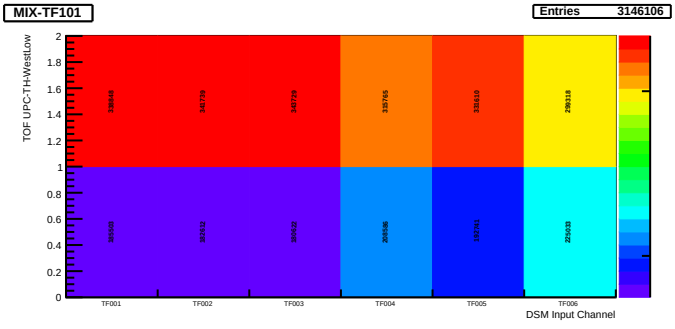

MIX-TF004
Entries 1.101137e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

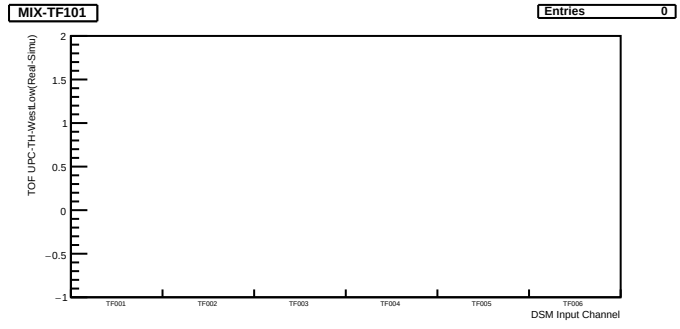

MIX-TF005
Entries 1.101137e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

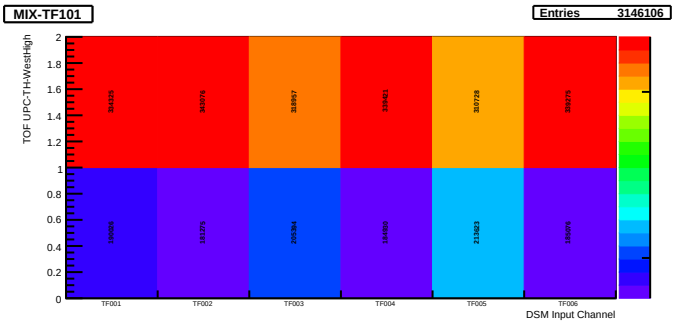

MIX-TF006
Entries 1.101137e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

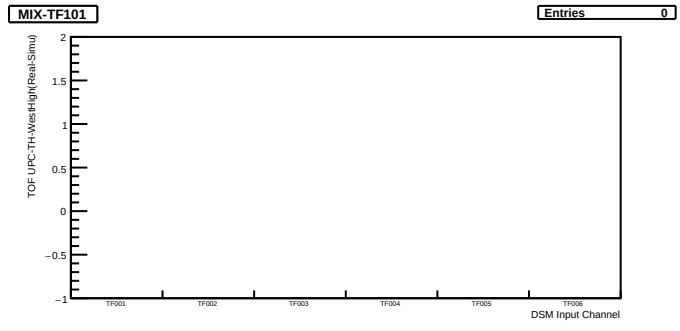

MIX-TF101
Entries 3146106
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

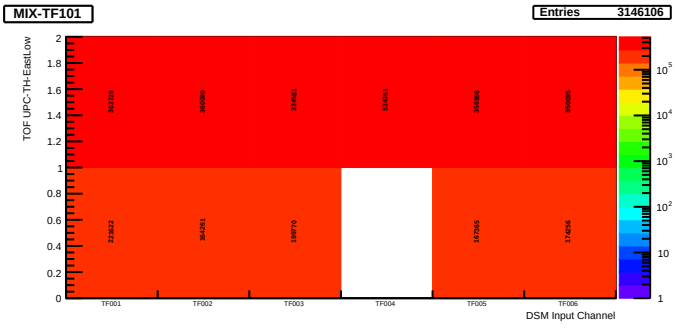

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

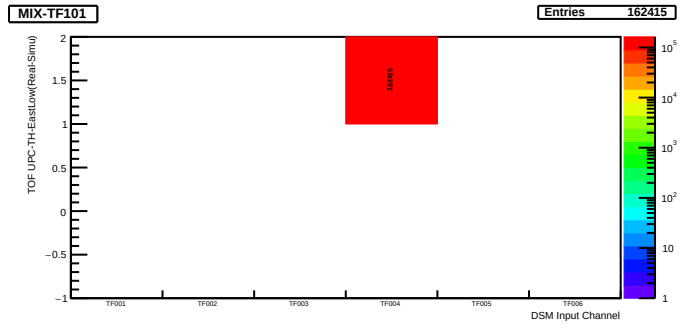

MIX-TF101
Entries 3146106
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

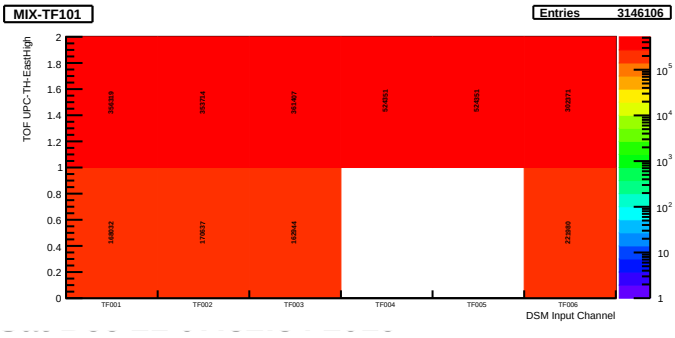

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

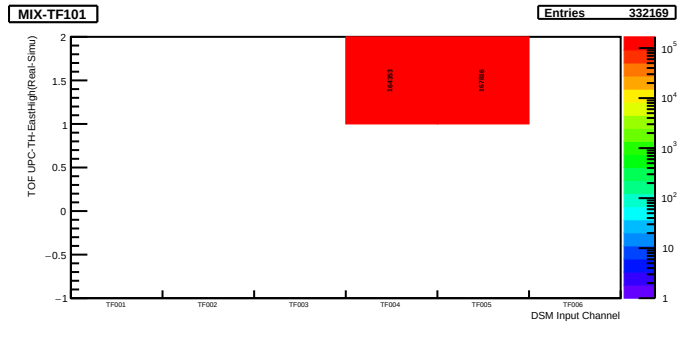

MIX-TF101
Entries 3146106
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

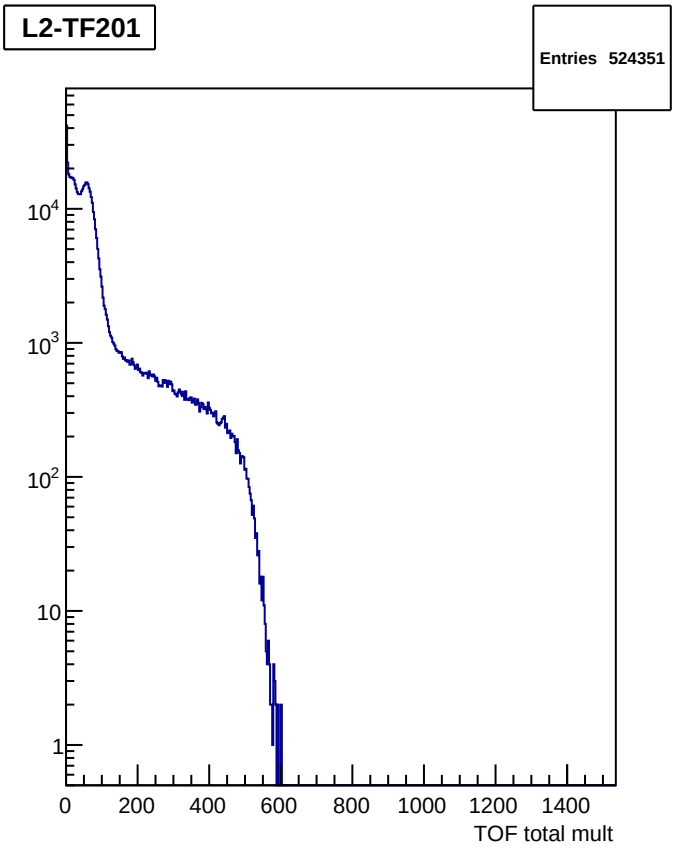

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

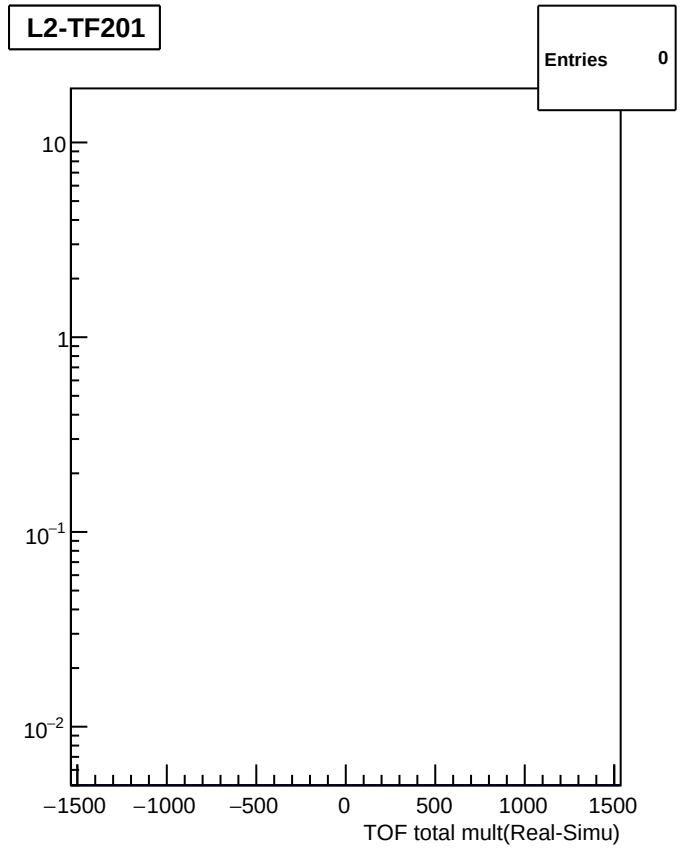

MIX-TF101
Entries 3146106
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

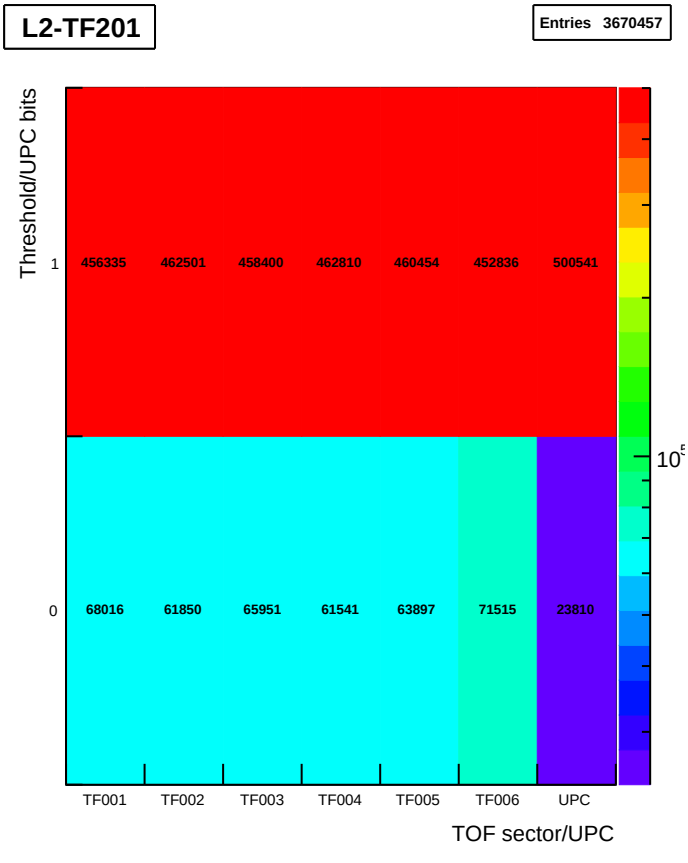

MIX-TF101
Entries 162415
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

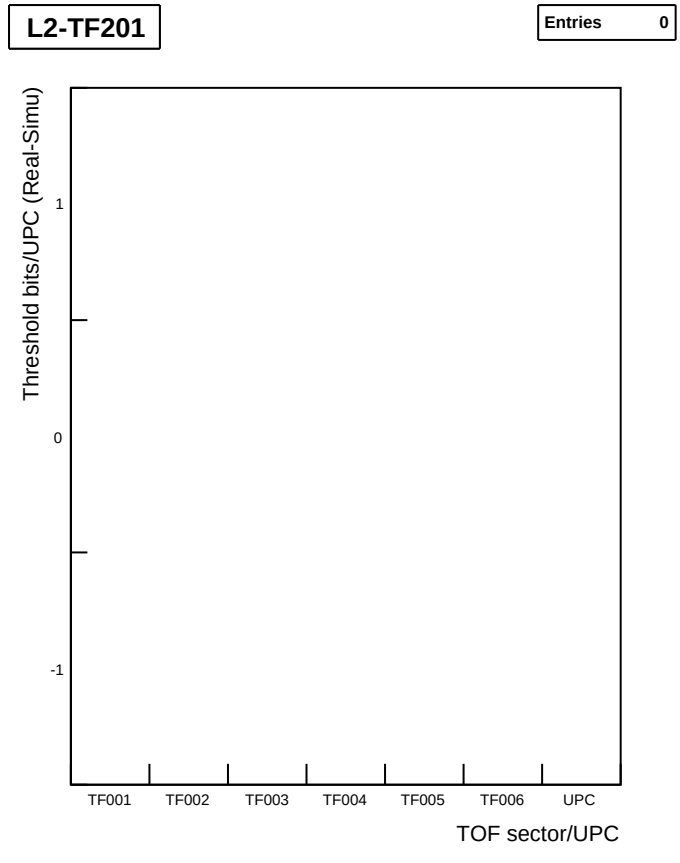

MIX-TF101
Entries 3146106
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

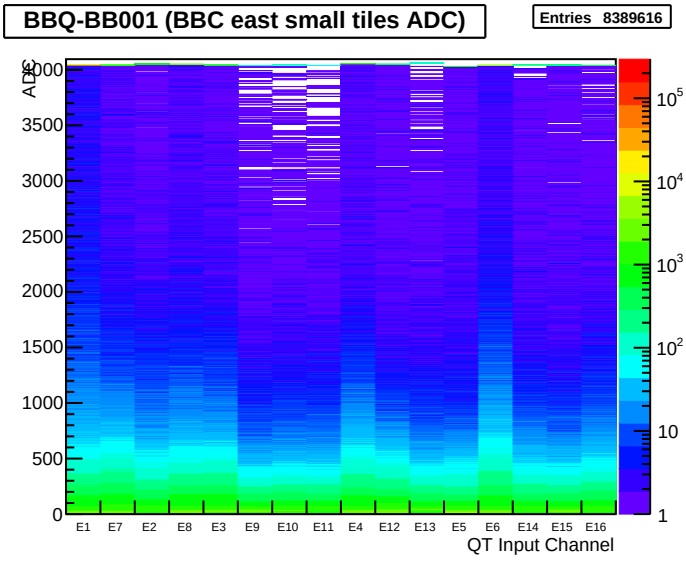

MIX-TF101
Entries 332169
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

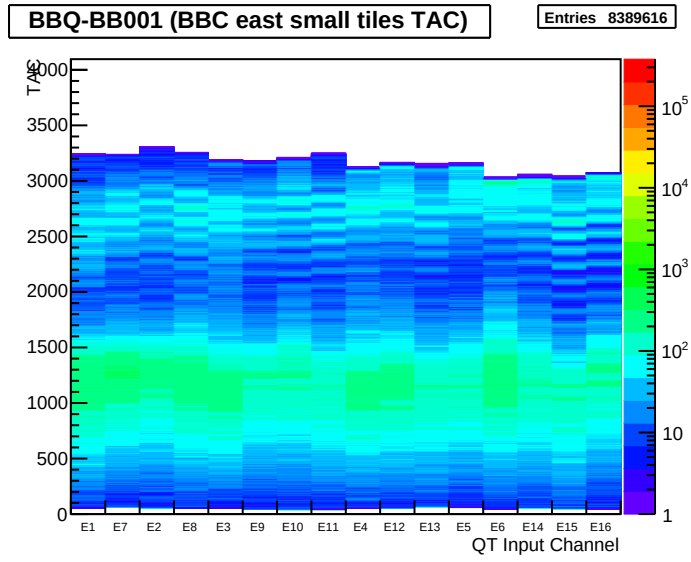

L2-TF201
Entries 524351
TOF total mult

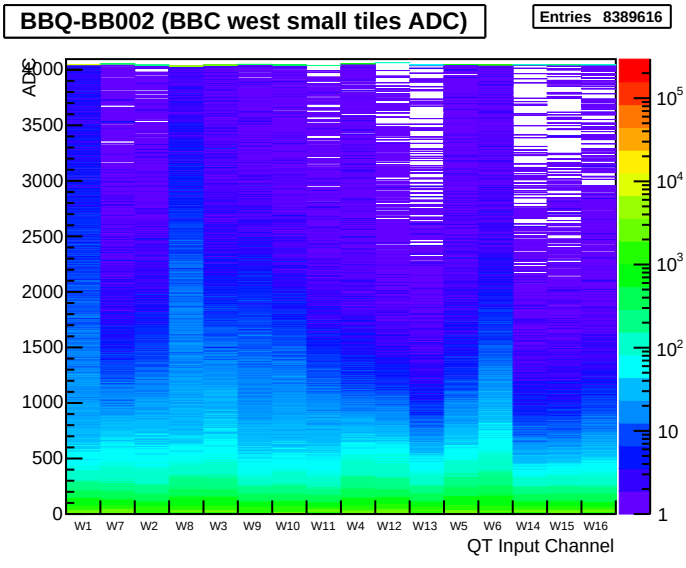

L2-TF201
Entries 0
TOF total mult(Real-Simu)

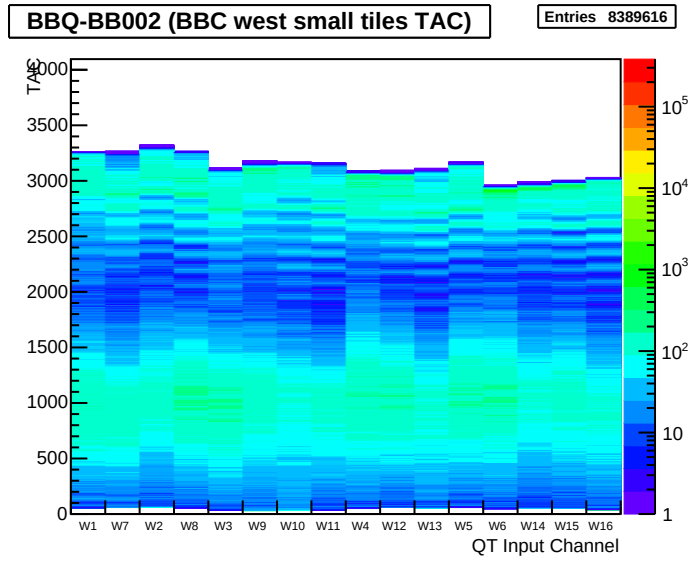

L2-TF201
Entries 3670457
Threshold/UPC bits
456335 462501 458400 462810 460454 452836 500541
68016 61850 65951 61541 63897 71515 23810
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

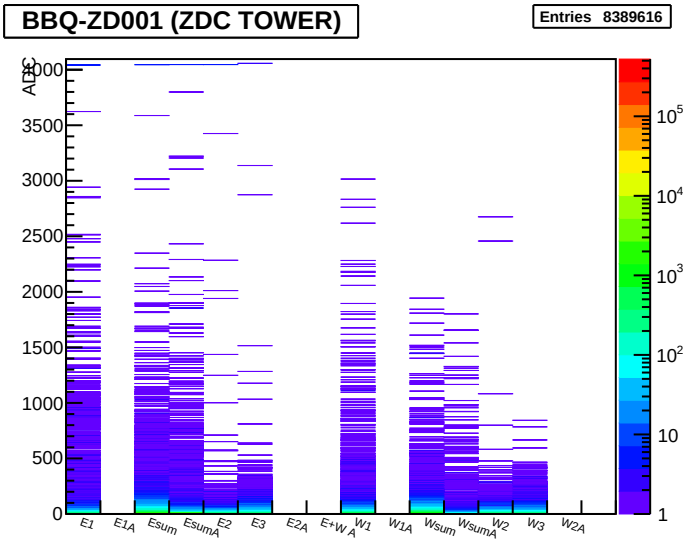

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

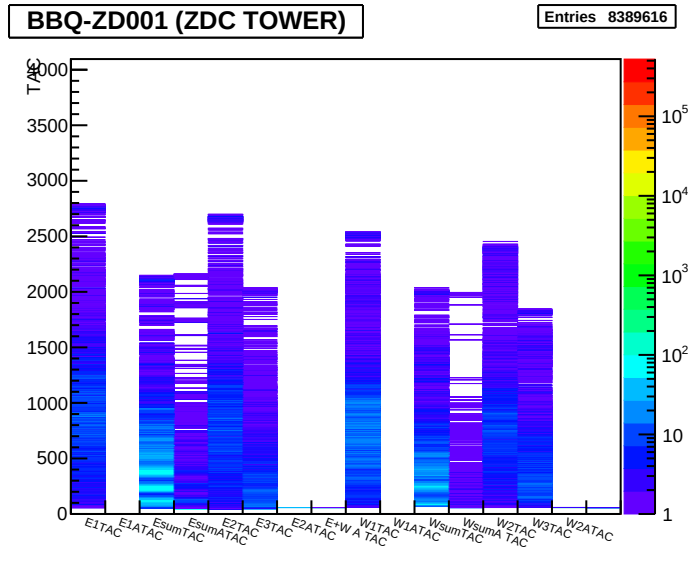

BBQ-BB001 (BBC east small tiles ADC)
Entries 8389616
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

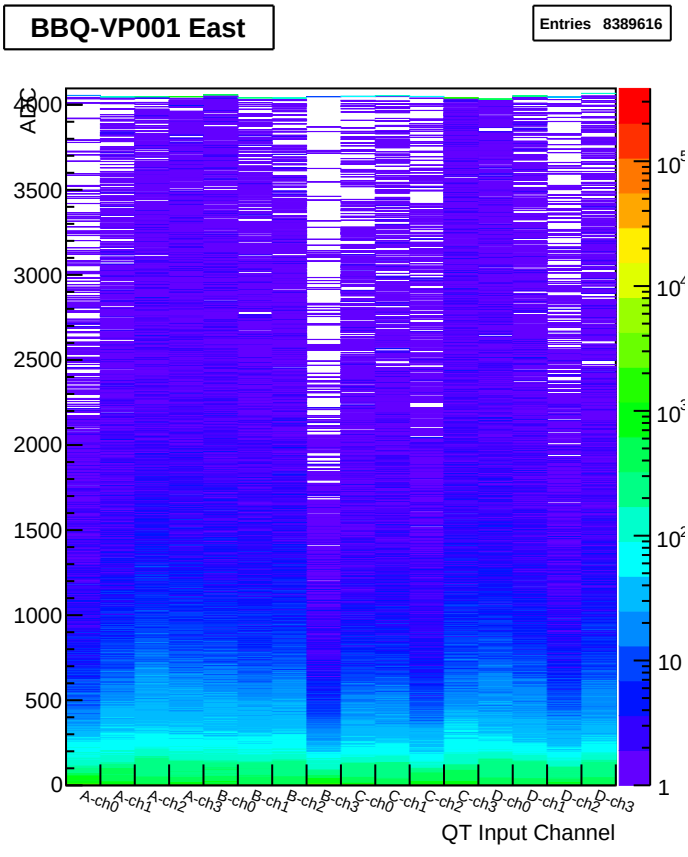

BBQ-BB001 (BBC east small tiles TAC)
Entries 8389616
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

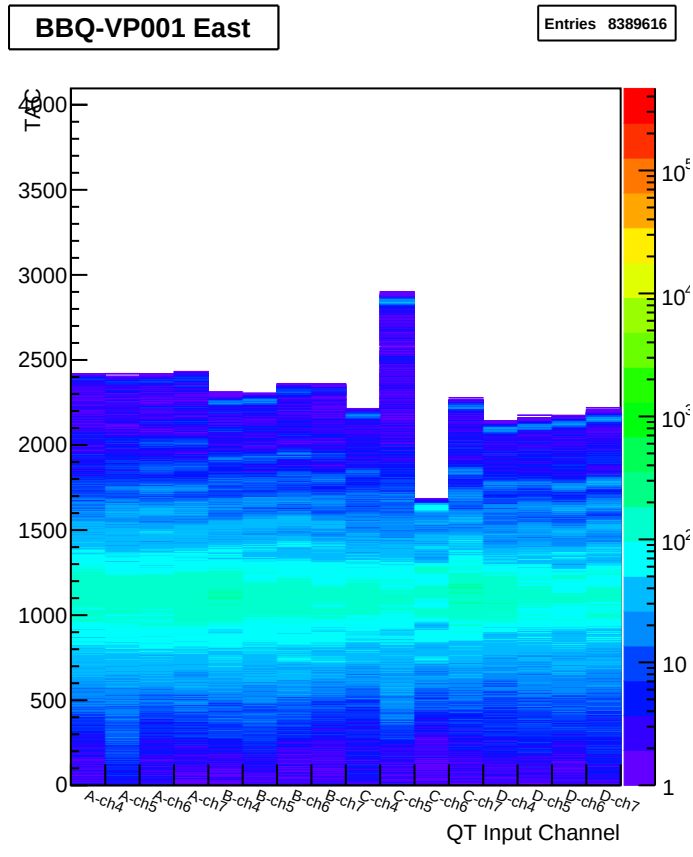

BBQ-BB002 (BBC west small tiles ADC)
Entries 8389616
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

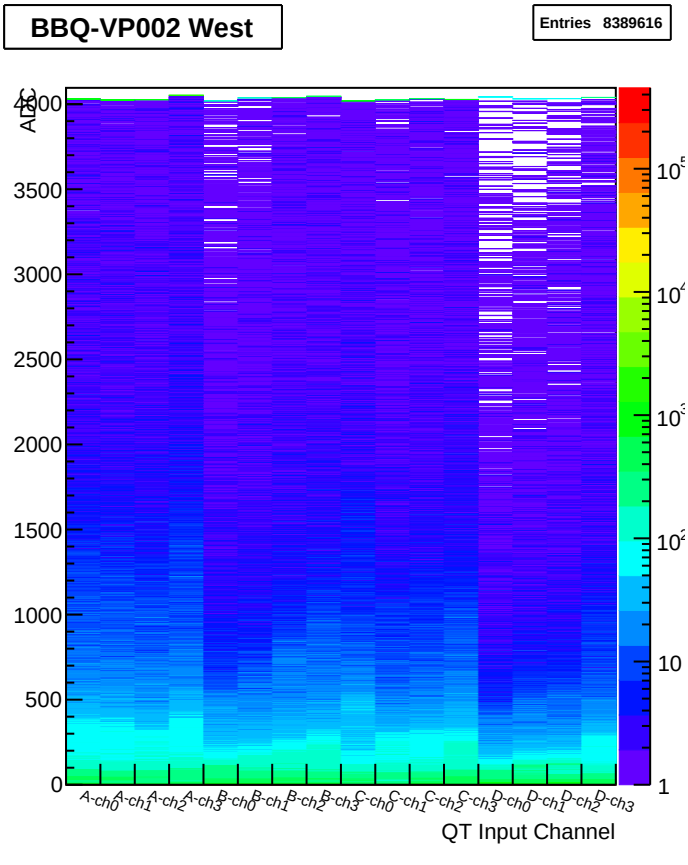

BBQ-BB002 (BBC west small tiles TAC)
Entries 8389616
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

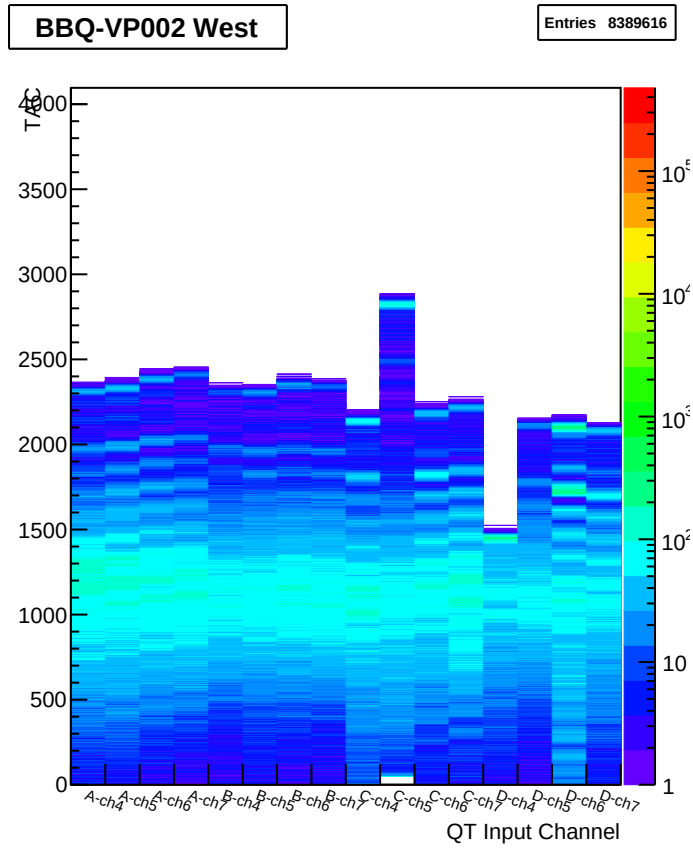

BBQ-ZD001 (ZDC TOWER)
Entries 8389616
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

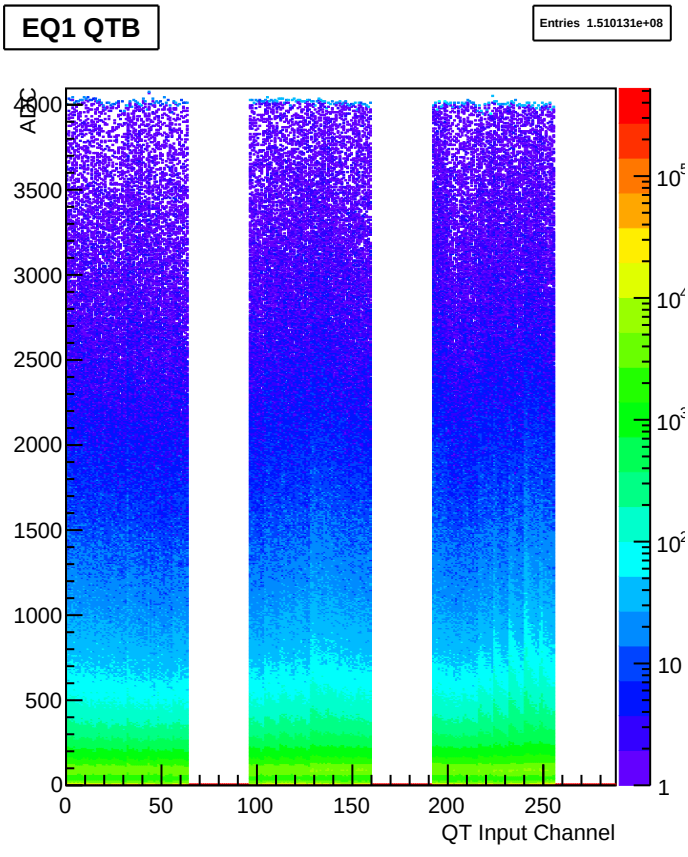

BBQ-ZD001 (ZDC TOWER)
Entries 8389616
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

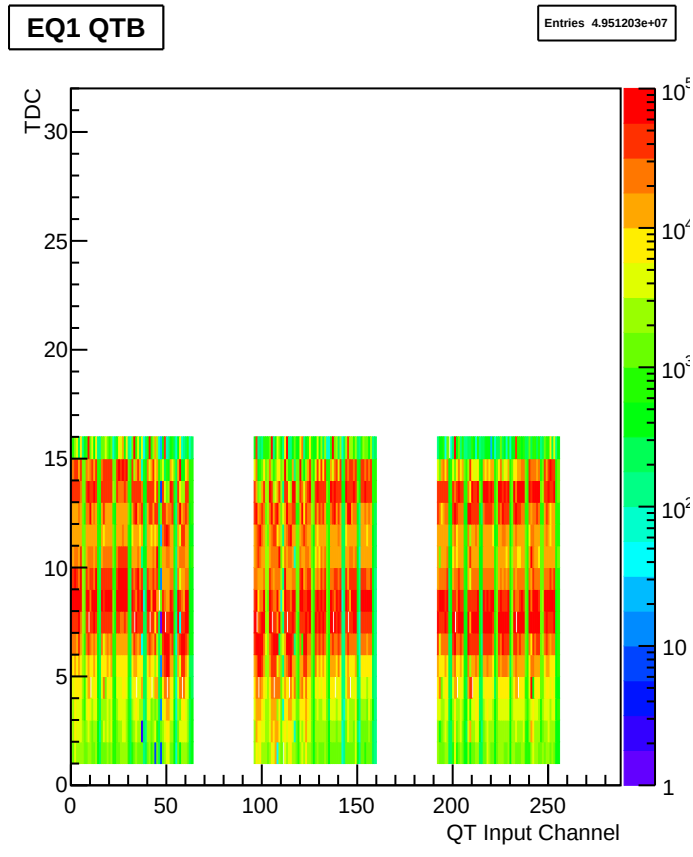

BBQ-VP001 East
Entries 8389616
ADC
QT Input Channel

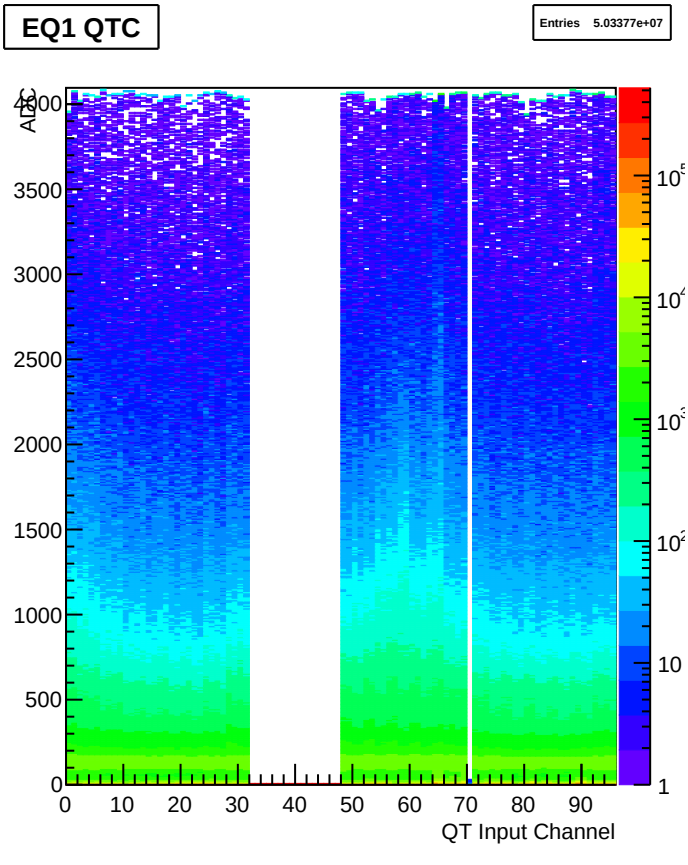

BBQ-VP001 East
Entries 8389616
ADC
QT Input Channel

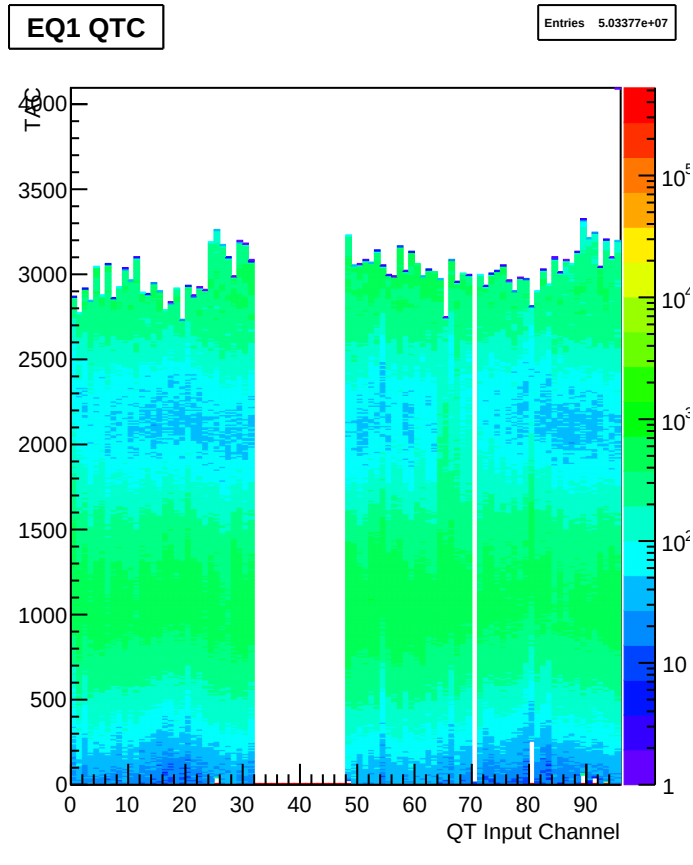

BBQ-VP002 West
Entries 8389616
ADC
QT Input Channel

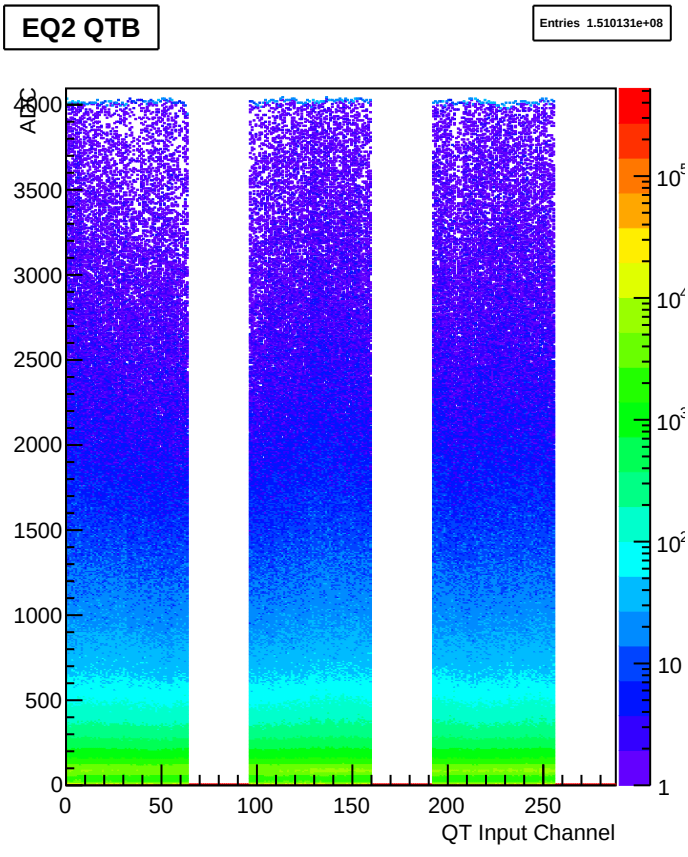

BBQ-VP002 West
Entries 8389616
ADC
QT Input Channel

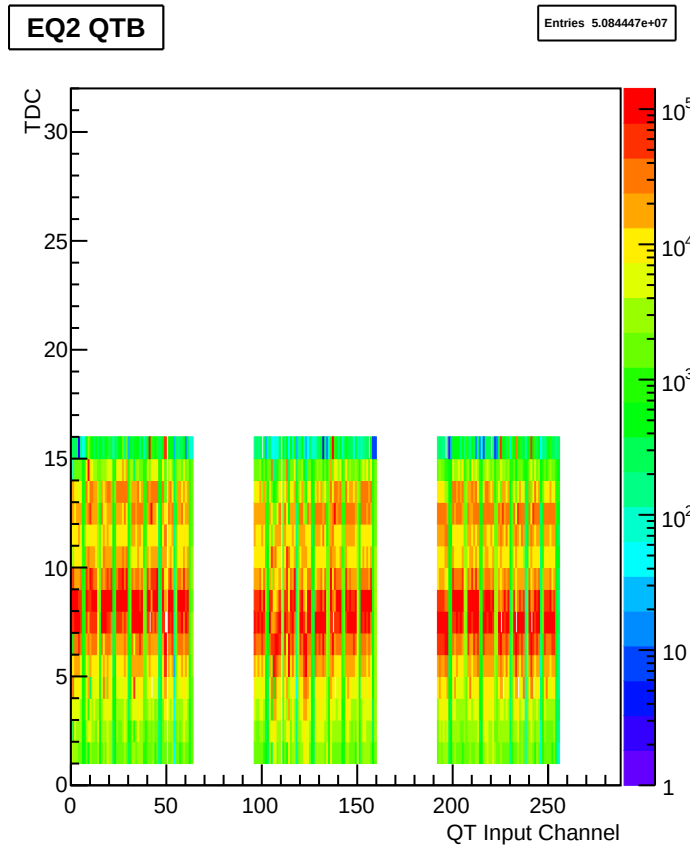

EQ1 QTB
Entries 1.510131e+08
ADC
QT Input Channel

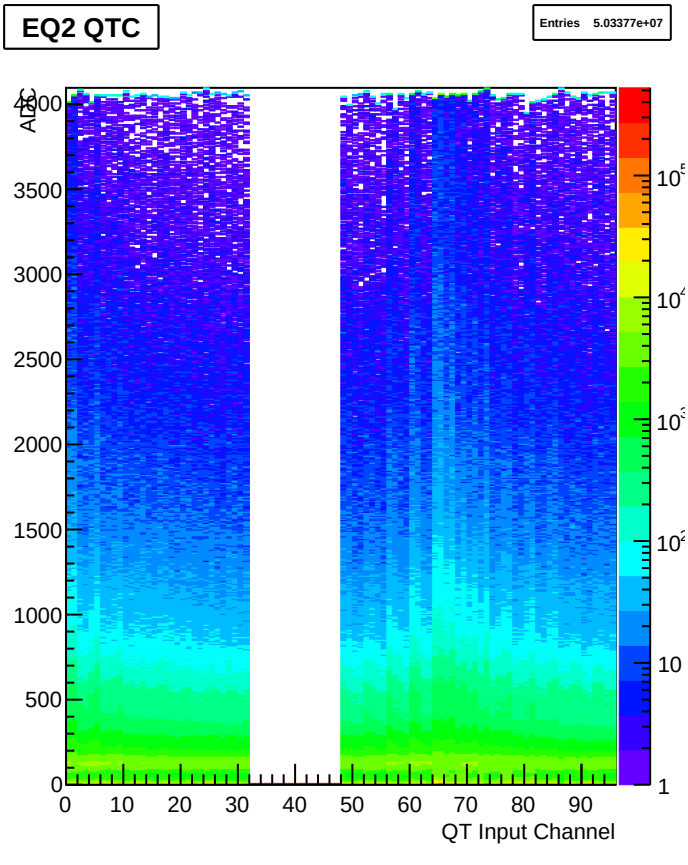

EQ1 QTB
Entries 4.951203e+07
TDC
QT Input Channel

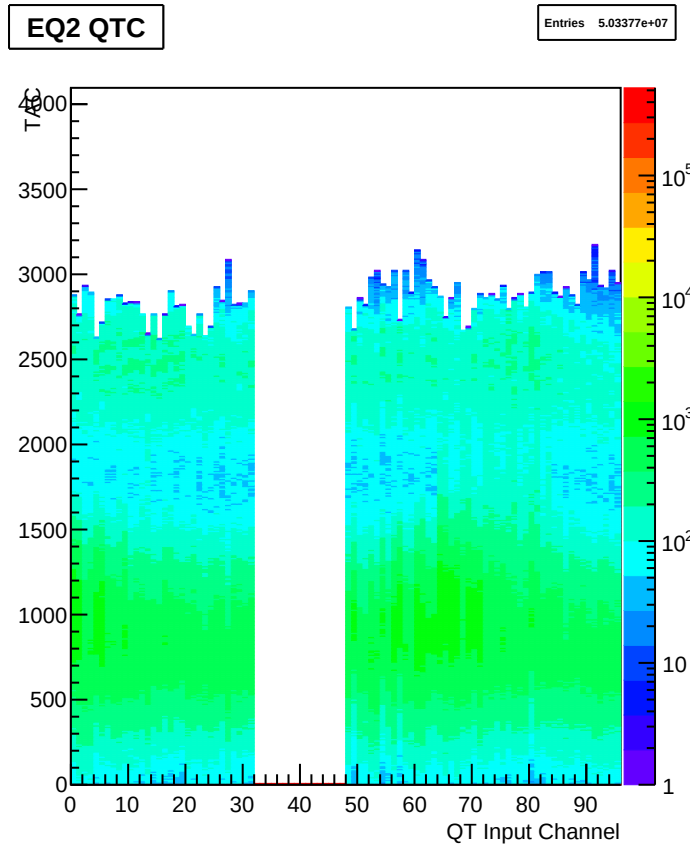

EQ1 QTC
Entries 5.03377e+07
ADC
QT Input Channel

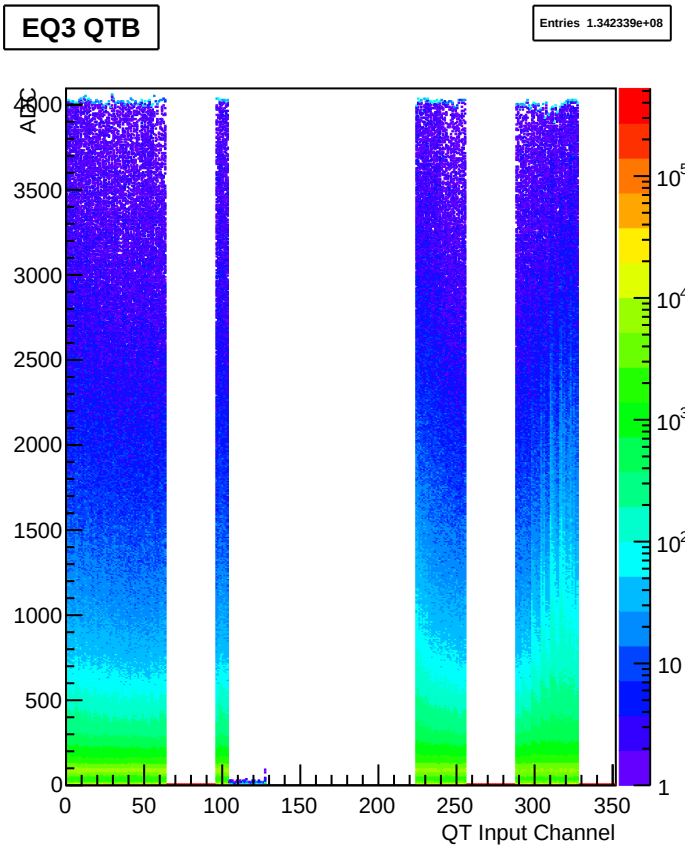

EQ1 QTC
Entries 5.03377e+07
TADC
QT Input Channel

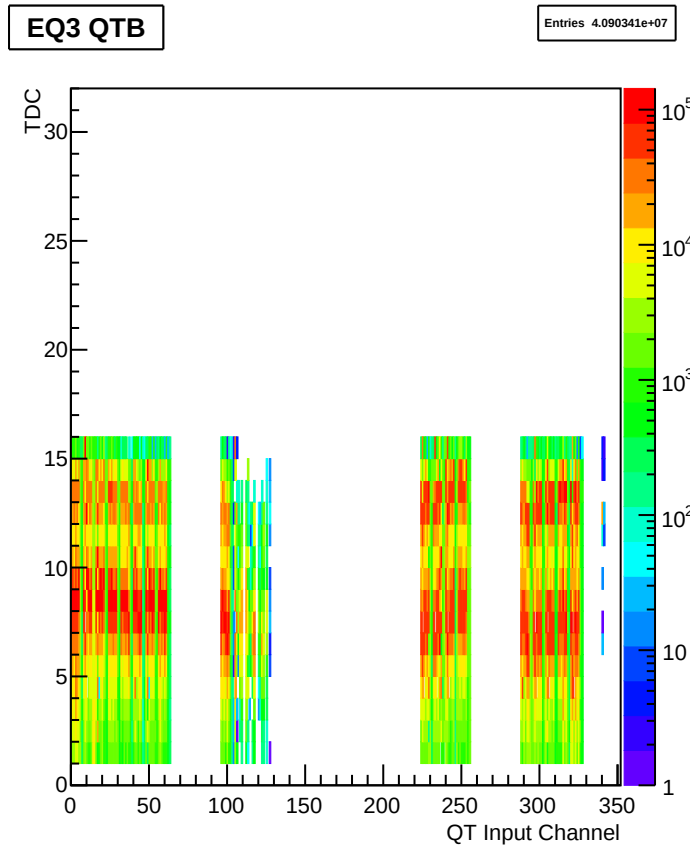

EQ2 QTB
Entries 1.510131e+08
ADC
QT Input Channel

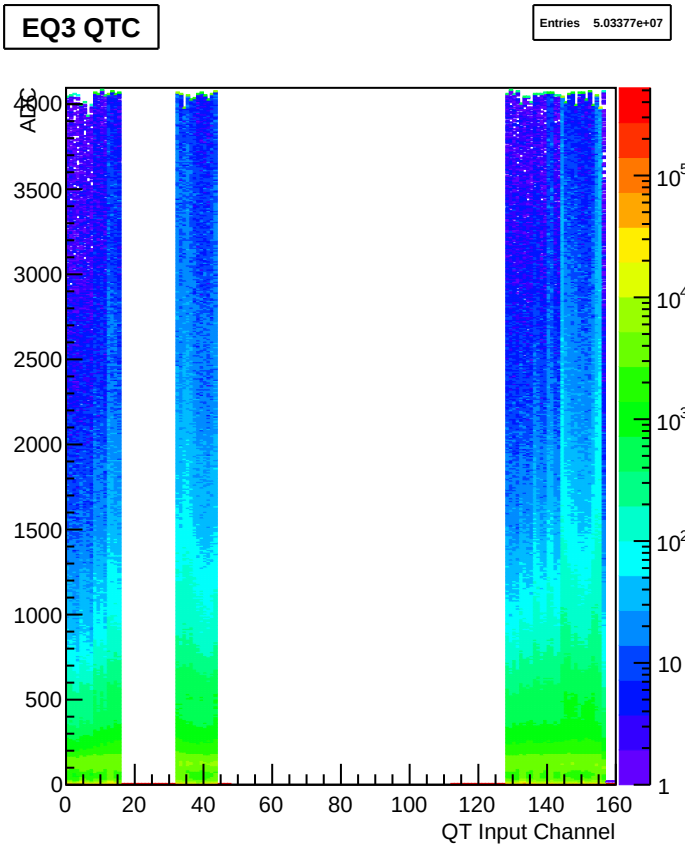

EQ2 QTB
Entries 5.084447e+07
TDC
QT Input Channel

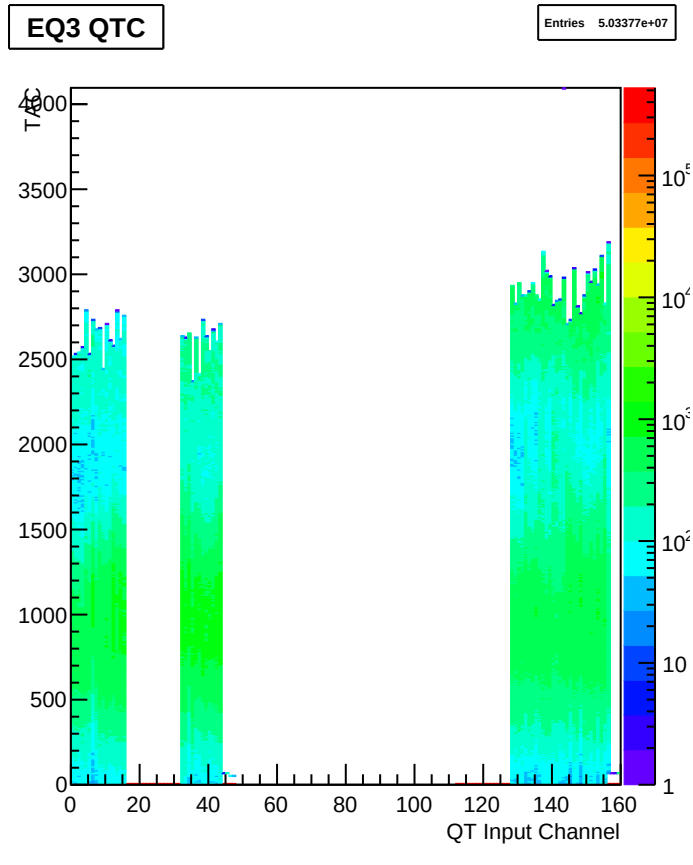

EQ2 QTC
Entries 5.03377e+07
ADC
QT Input Channel

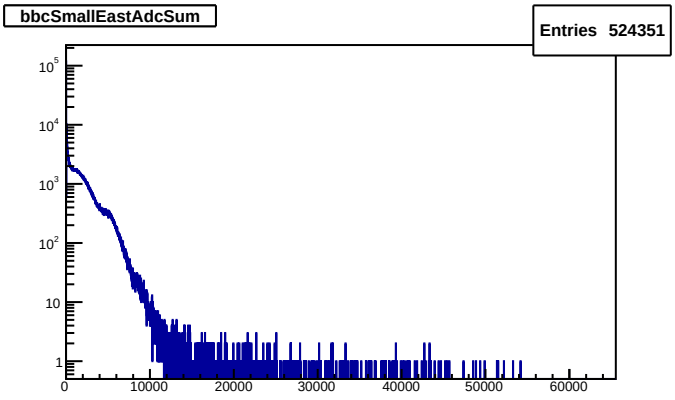

EQ2 QTC
Entries 5.03377e+07
TADC
QT Input Channel

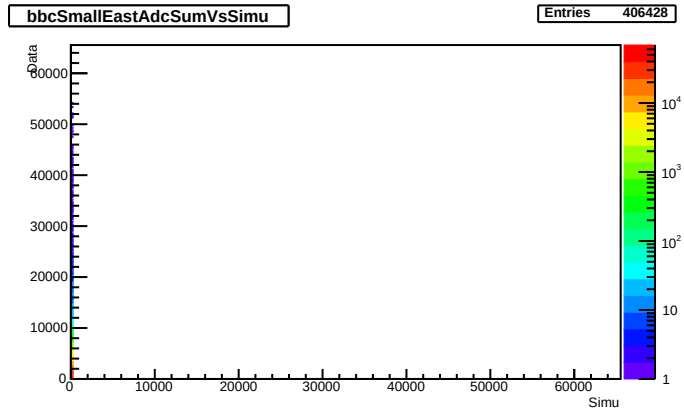

EQ3 QTB
Entries 1.342339e+08
ADC
QT Input Channel

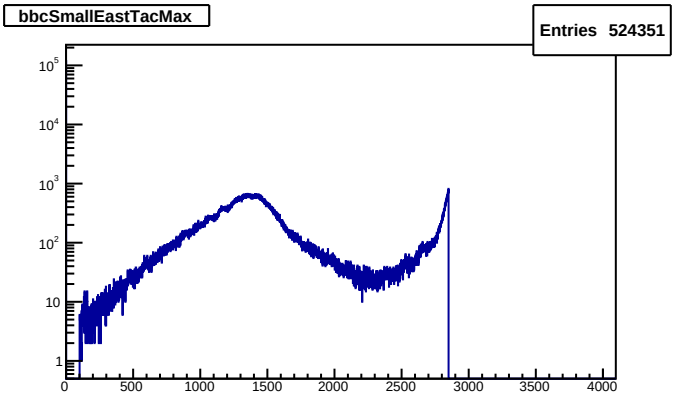

EQ3 QTB
Entries 4.090341e+07
TDC
QT Input Channel

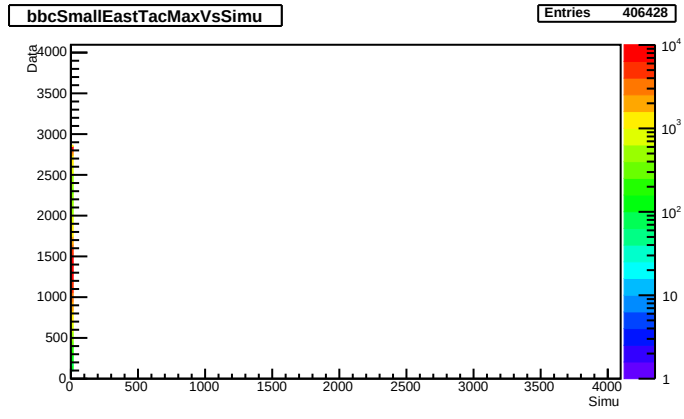

EQ3 QTC
Entries 5.03377e+07
ADC
QT Input Channel

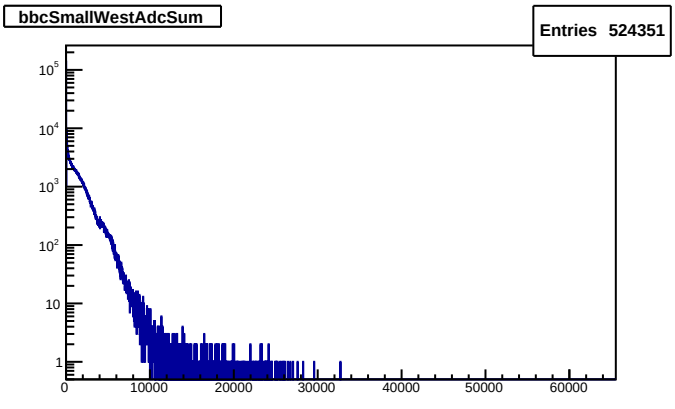

EQ3 QTC
Entries 5.03377e+07
TADC
QT Input Channel

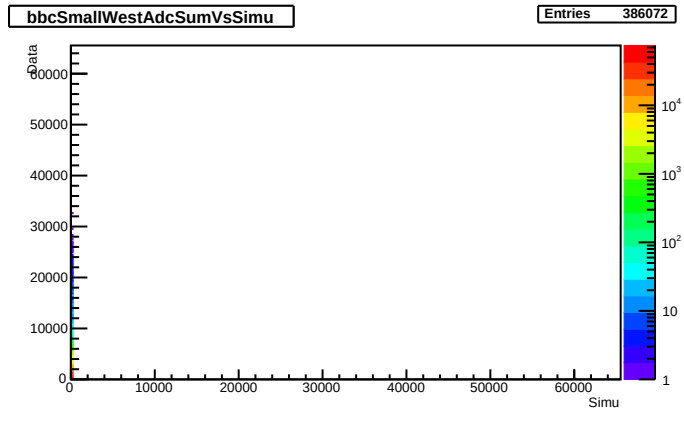

bbcSmallEastAdcSum
Entries 524351


bbcSmallEastAdcSumVsSimu
Entries 406428
Data
Simu


bbcSmallEastTacMax
Entries 524351


bbcSmallEastTacMaxVsSimu
Entries 406428
Data
Simu


bbcSmallWestAdcSum
Entries 524351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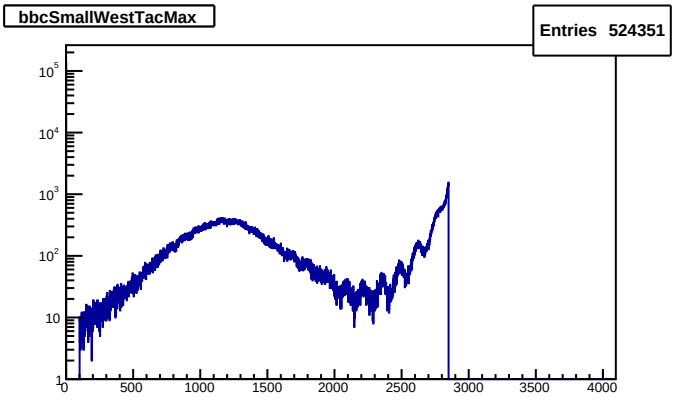
Entries 386072
Data
Simu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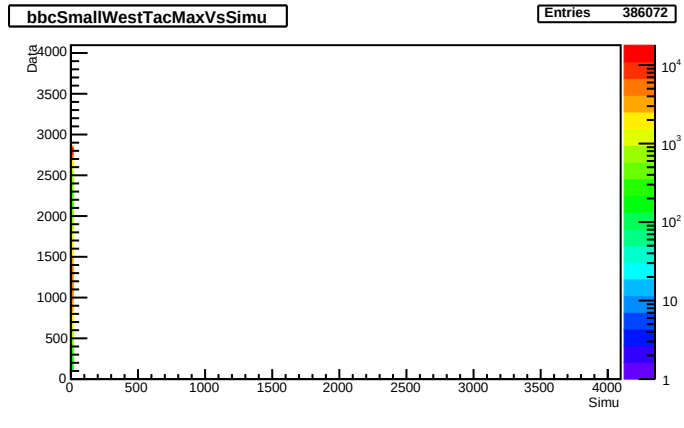
Entries 524351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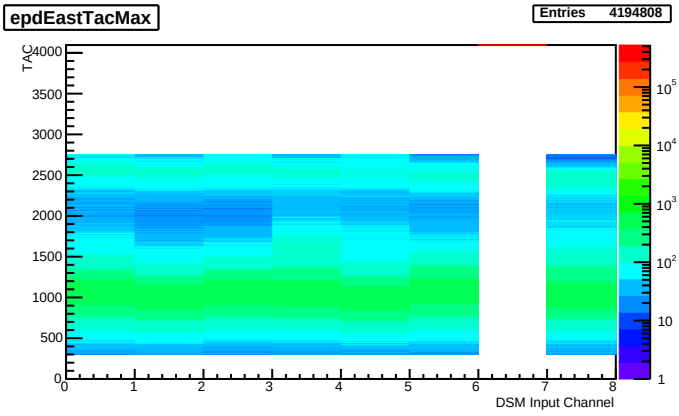
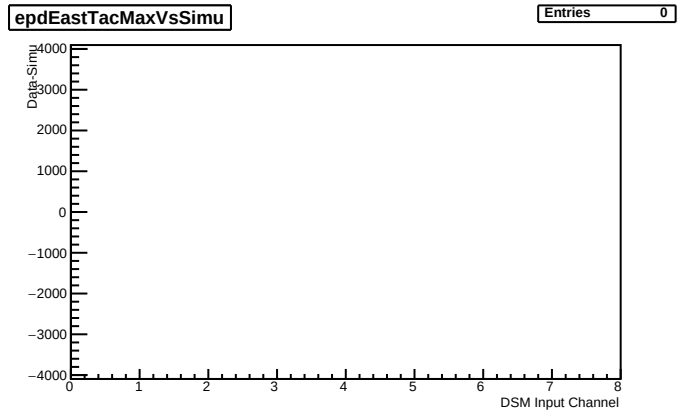
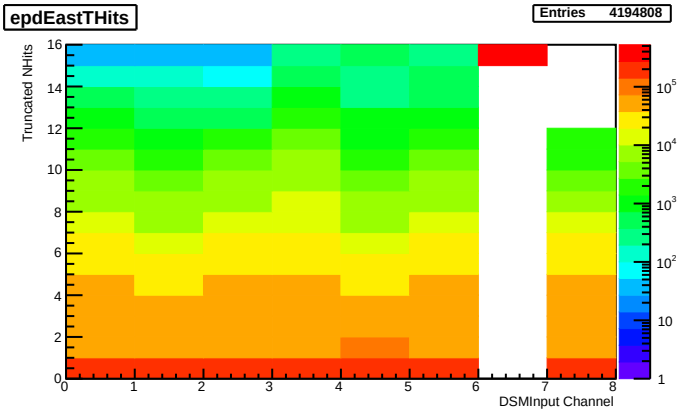
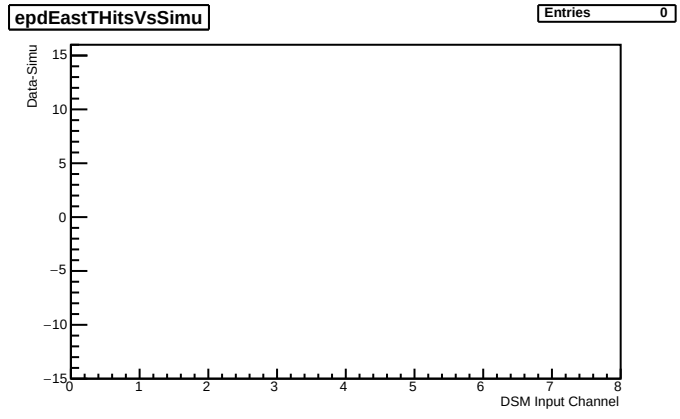
Entries 386072
Data
Simu


epdEastTacMax
Entries 4194808
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4194808
Truncated NHits
DSMInput Channel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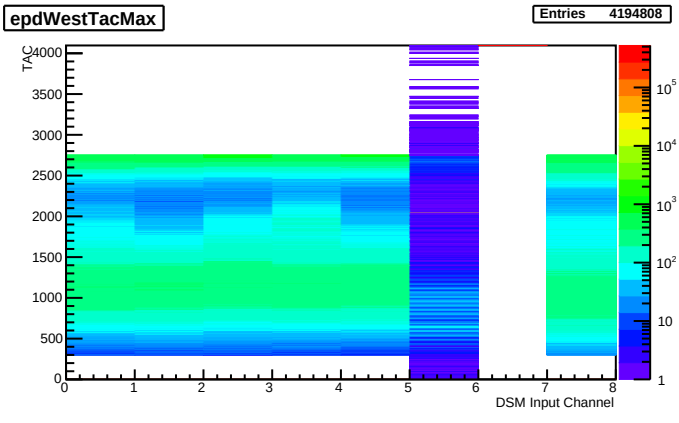
Data-Simu
DSM Input Channel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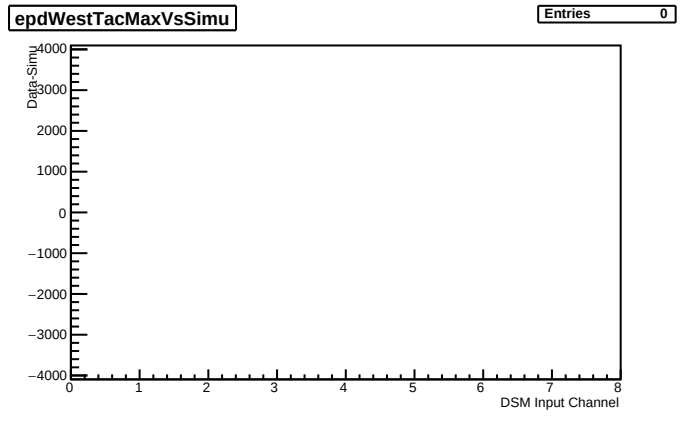
TAC
DSM Input Channel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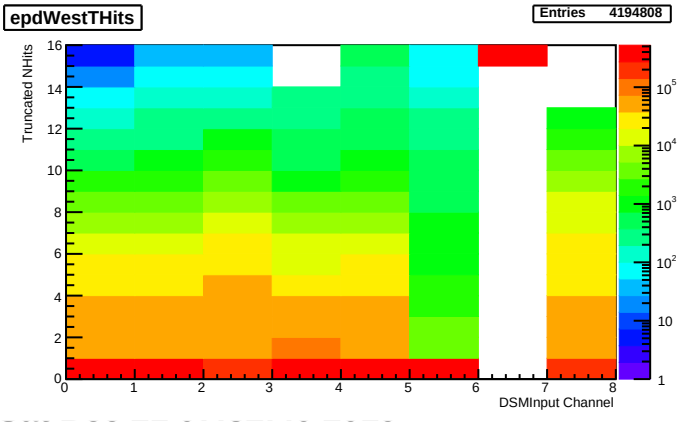
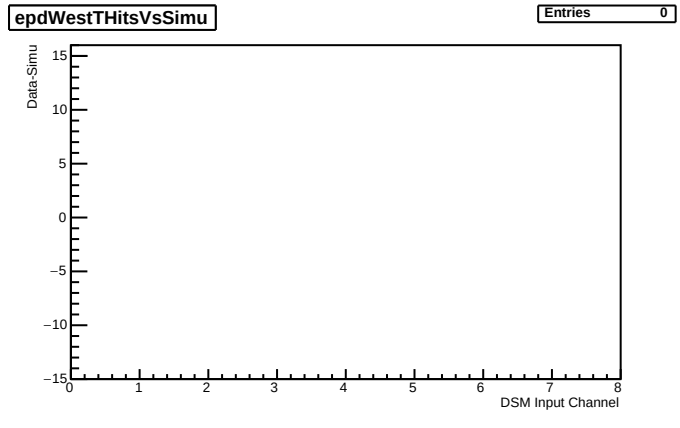
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4194808
Truncated NHits
DSMInput Channel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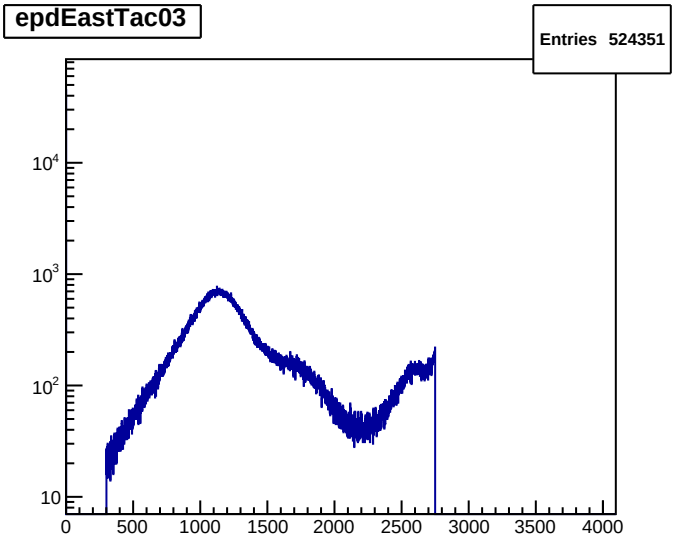
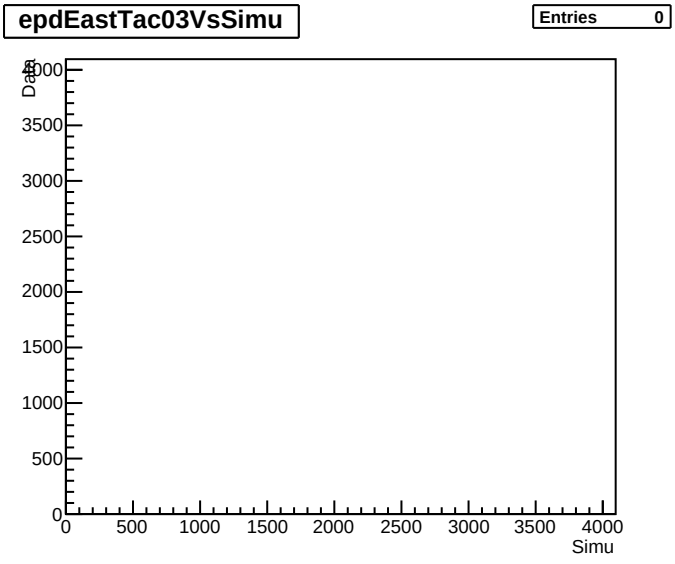
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 524351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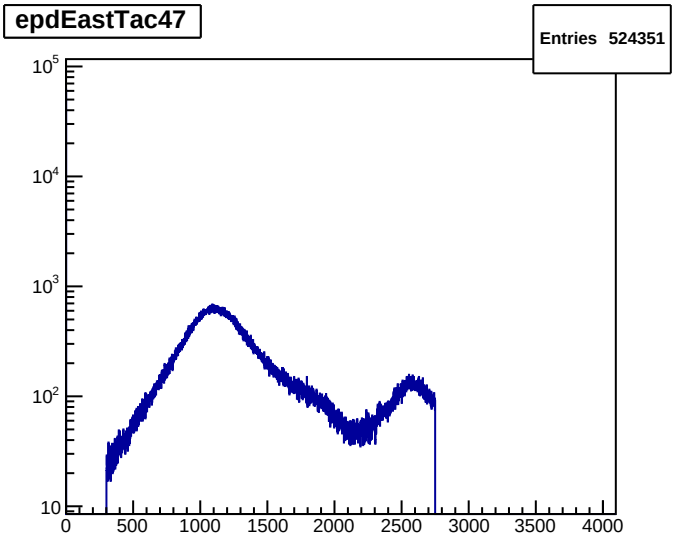
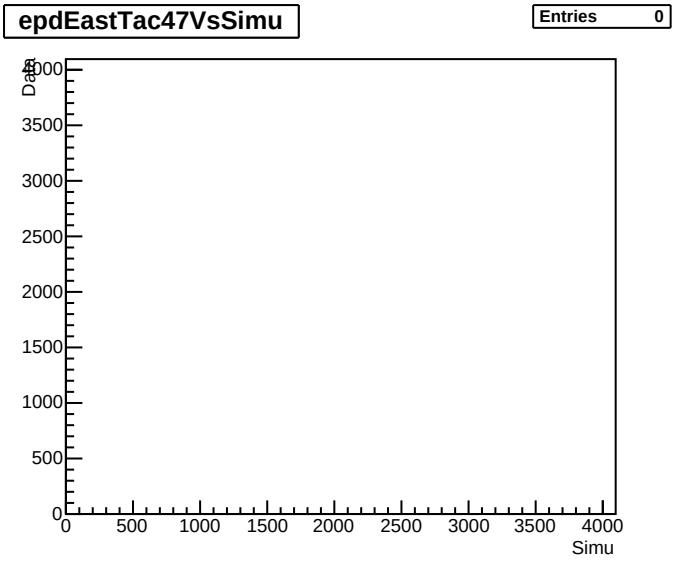
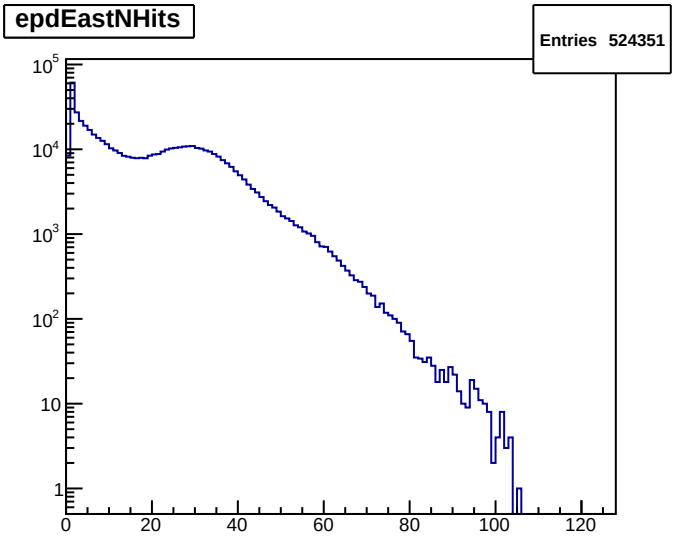
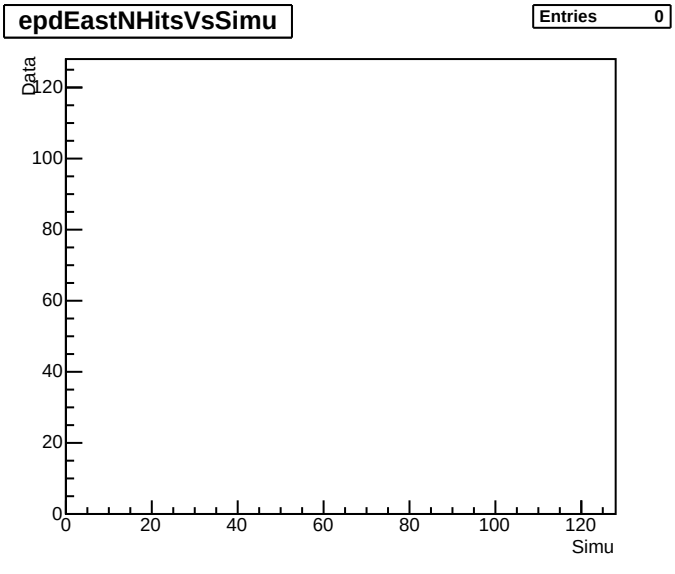
Entries 0
Data
Simu


epdEastTac47
Entries 524351


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 524351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Entries 0
Data
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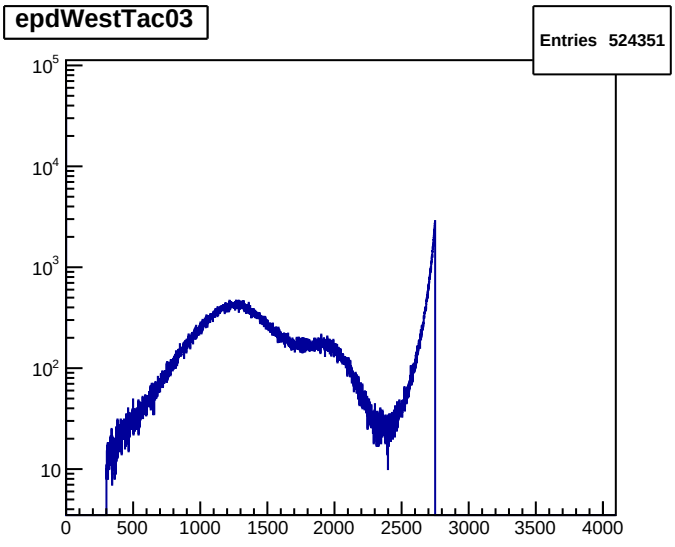
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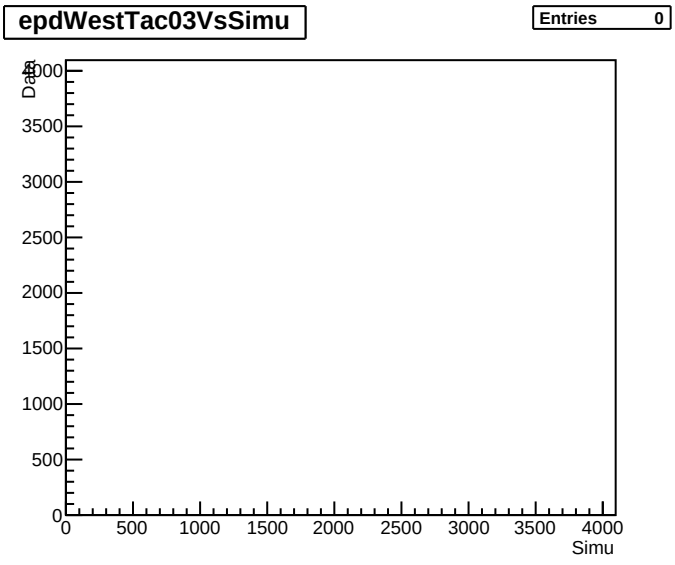
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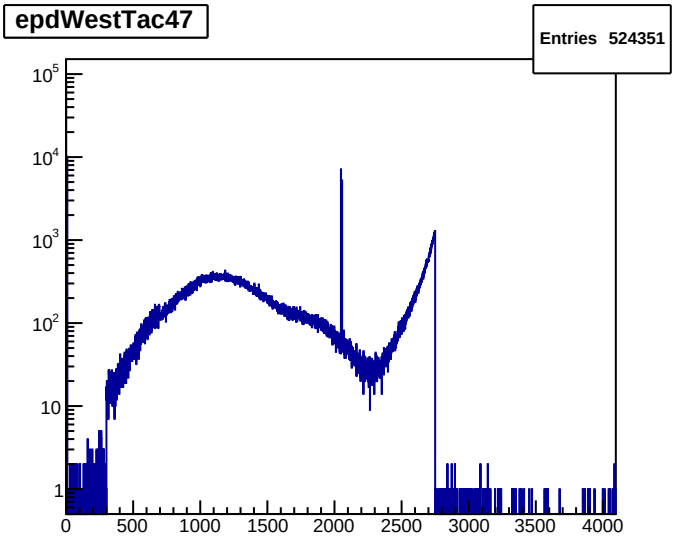
Entries 0
Data
Simu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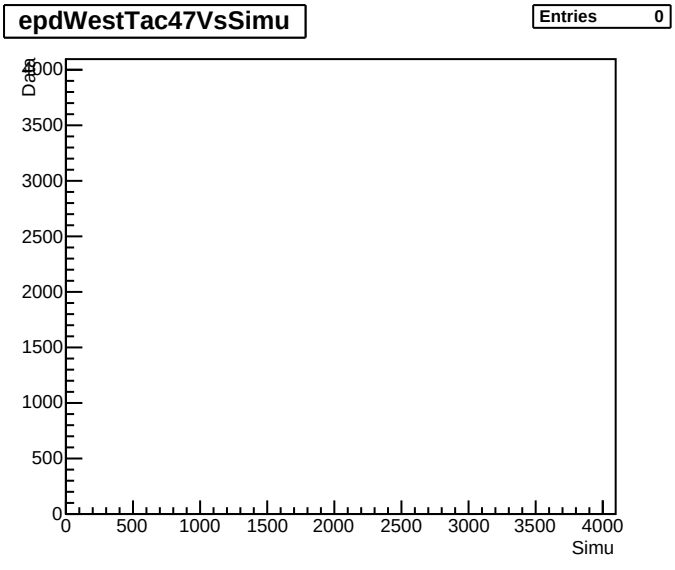
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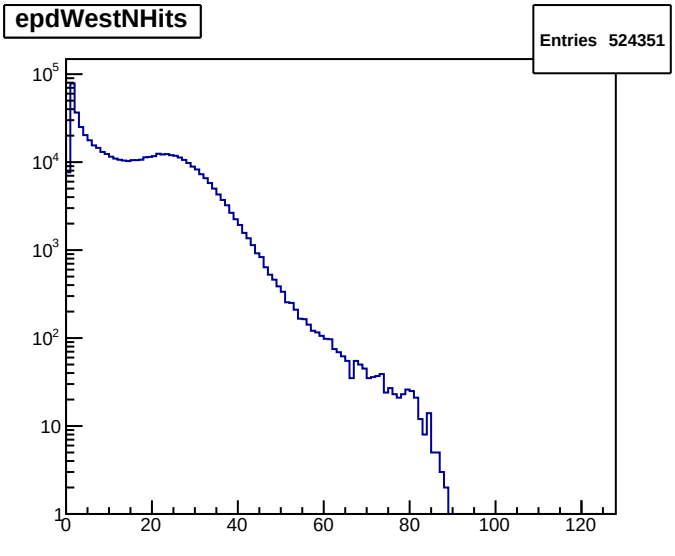
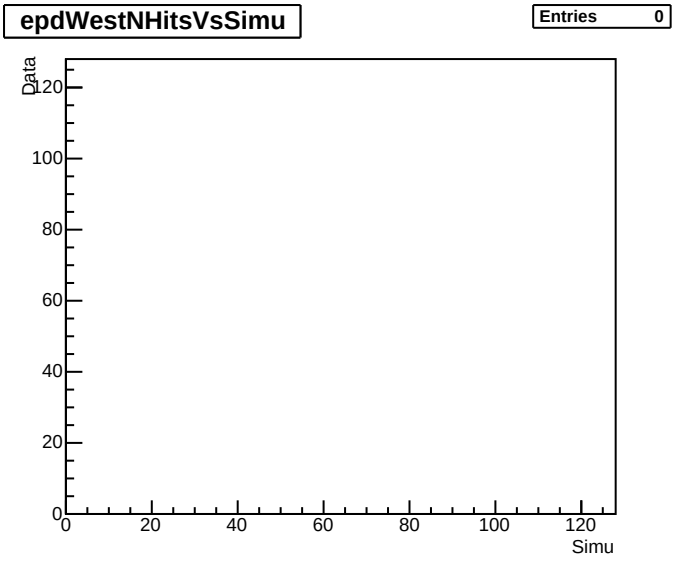
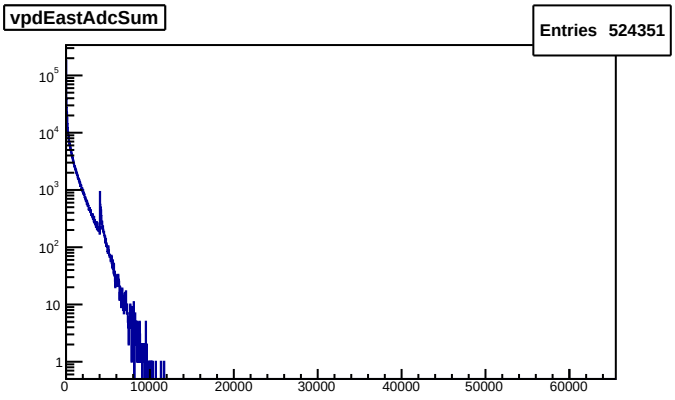
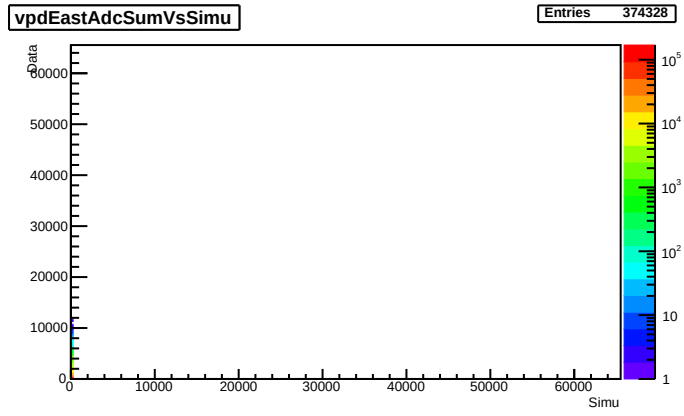
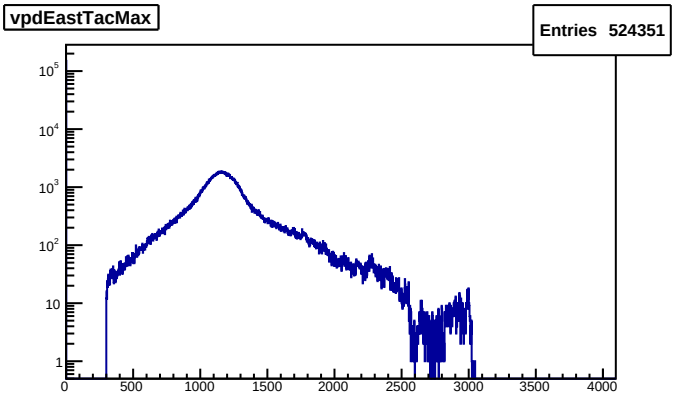
Entries 0
Data
Simu

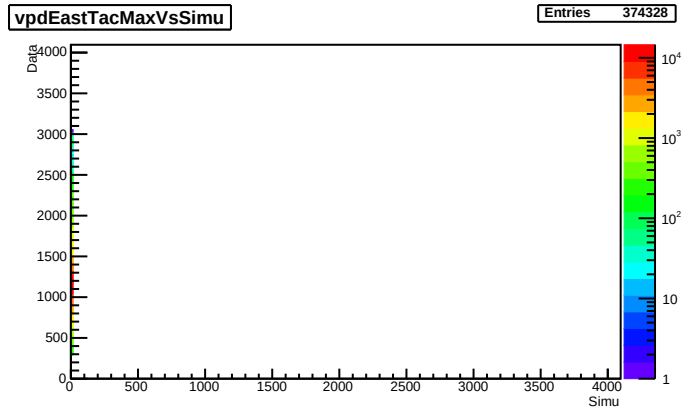

epdWestNHits
Entries 524351

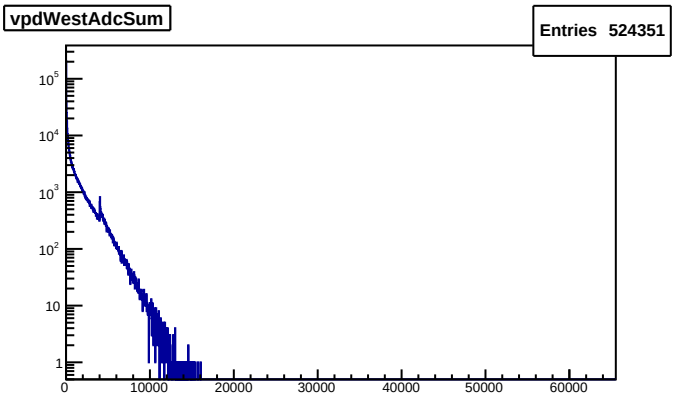

epdWestNHitsVsSimu
Entries 0
Data
Simu

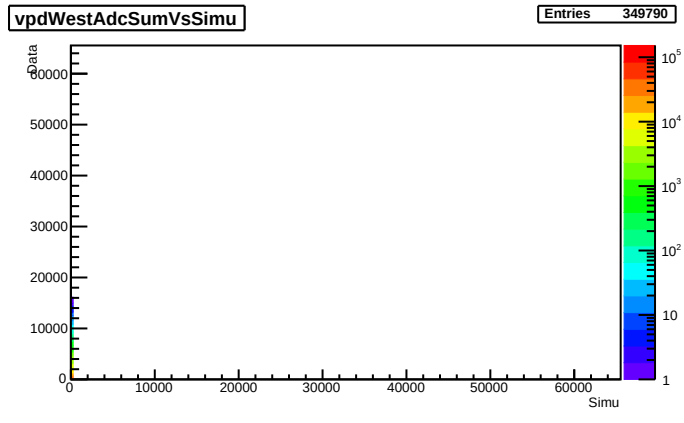

vpdEastAdcSum
Entries 524351

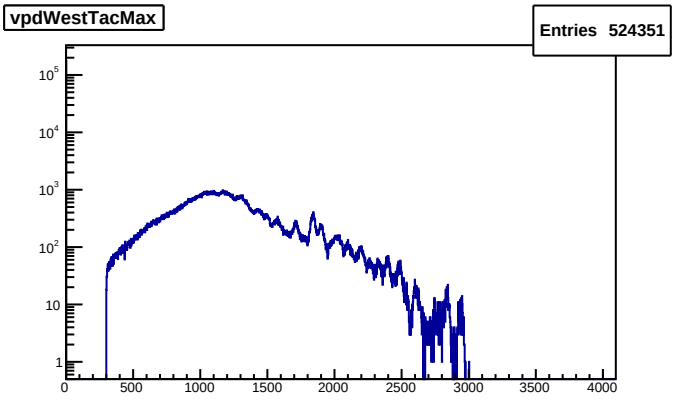

vpdEastAdcSumVsSimu
Entries 374328
Data
Simu

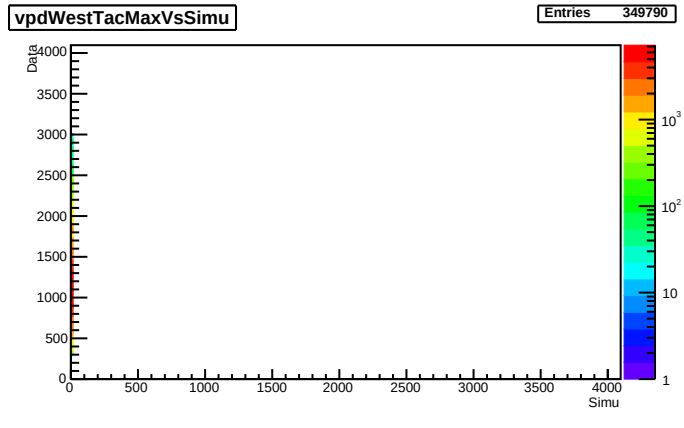

vpdEastTacMax
Entries 524351

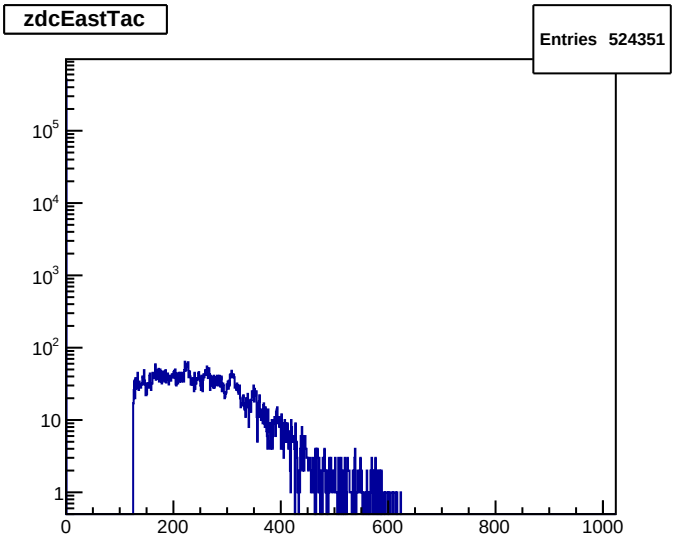

vpdEastTacMaxVsSimu
Entries 374328
Data
Simu

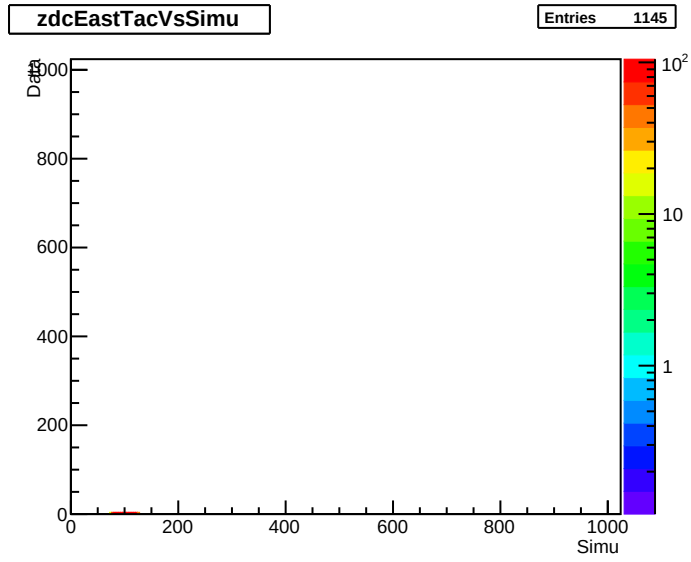

vpdWestAdcSum
Entries 524351

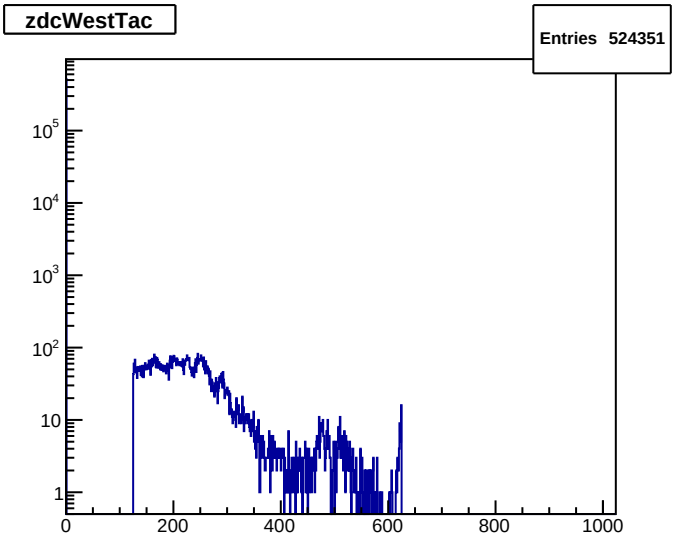

vpdWestAdcSumVsSimu
Entries 349790
Data
Simu

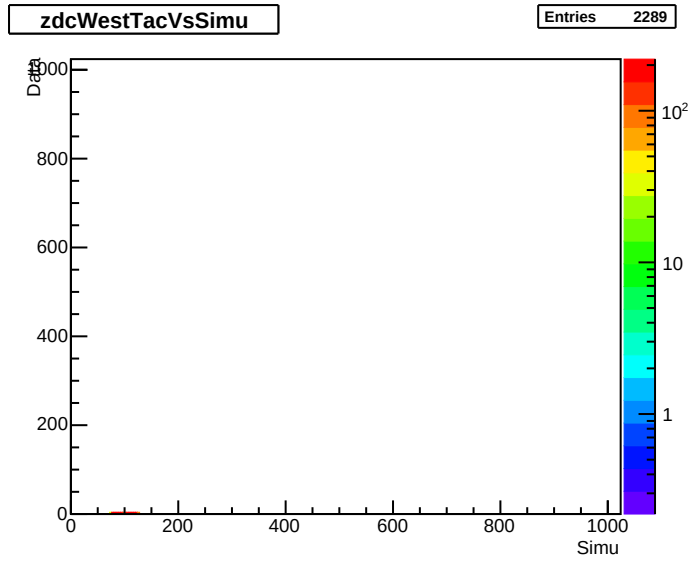

vpdWestTacMax
Entries 524351

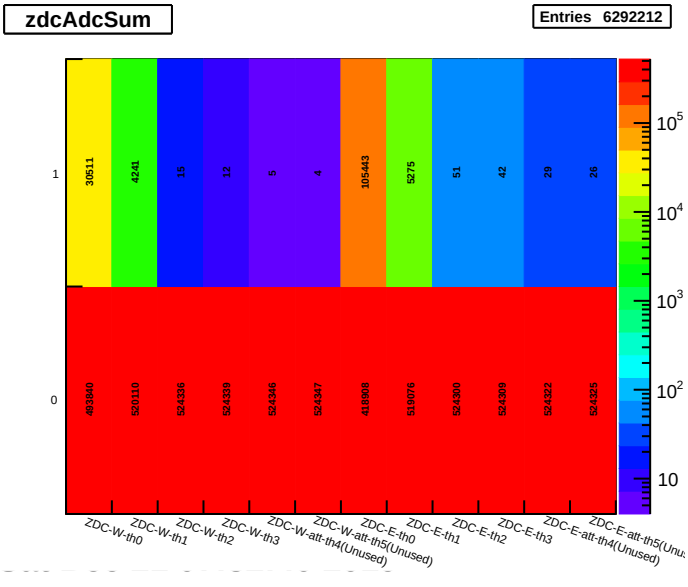

vpdWestTacMaxVsSimu
Entries 349790
Data
Simu

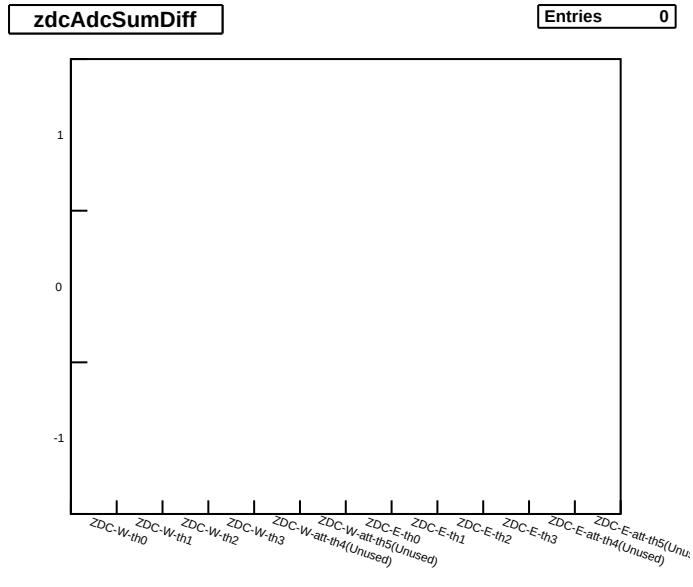

zdcEastTac
Entries 524351

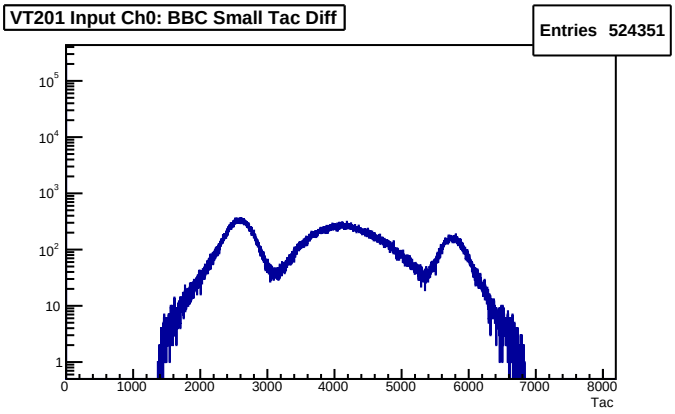

zdcEastTacVsSimu
Entries 1145
Data
Simu

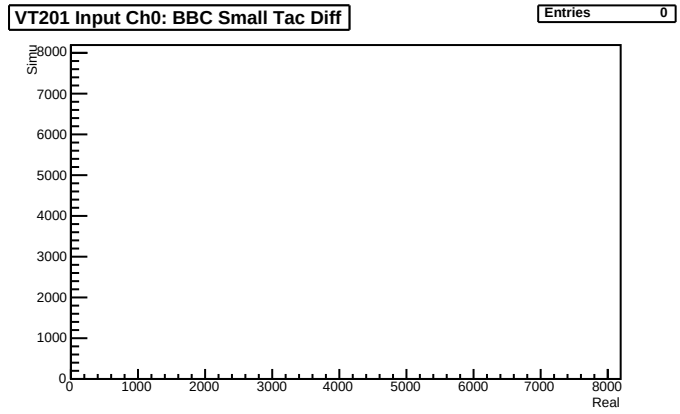

zdcWestTac
Entries 524351

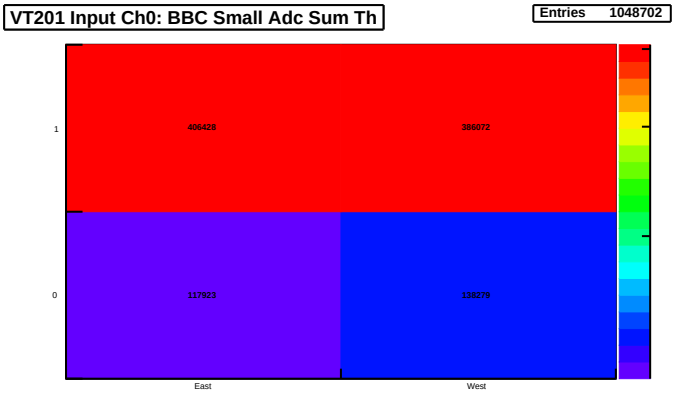

zdcWestTacVsSimu
Entries 2289
Data
Simu

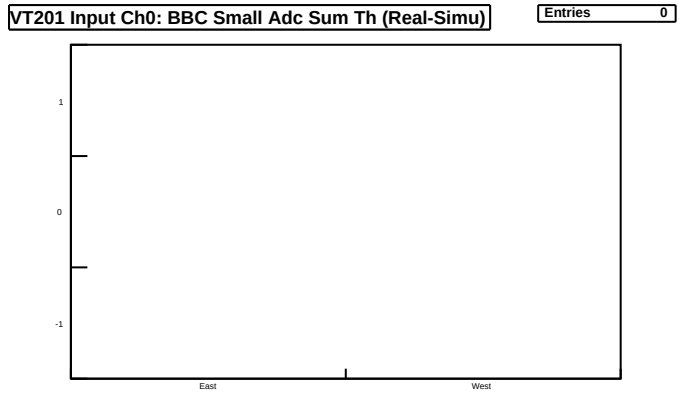

zdcAdcSum
Entries 6292212
30511
4241
15
12
5
4
105443
5275
51
42
29
26
493840
520110
524336
524339
524346
524347
418908
519076
524300
524309
524322
524325
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

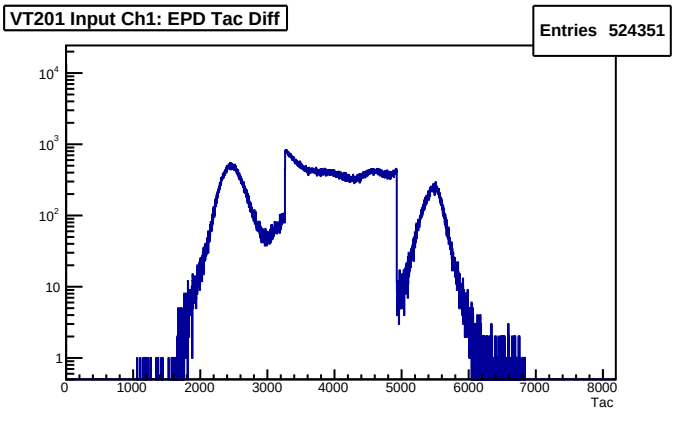

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

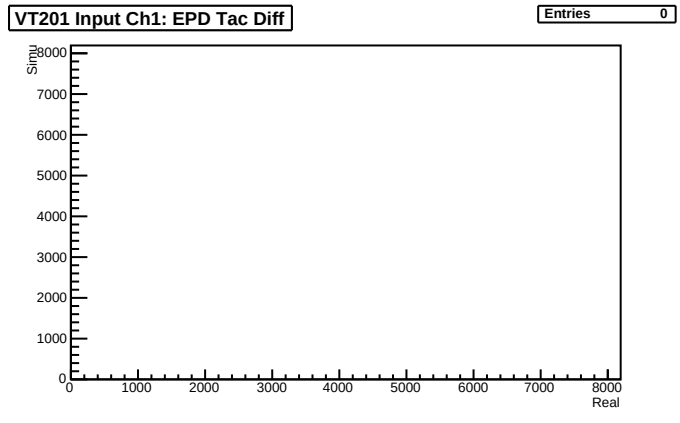

VT201 Input Ch0: BBC Small Tac Diff
Entries 524351
Tac

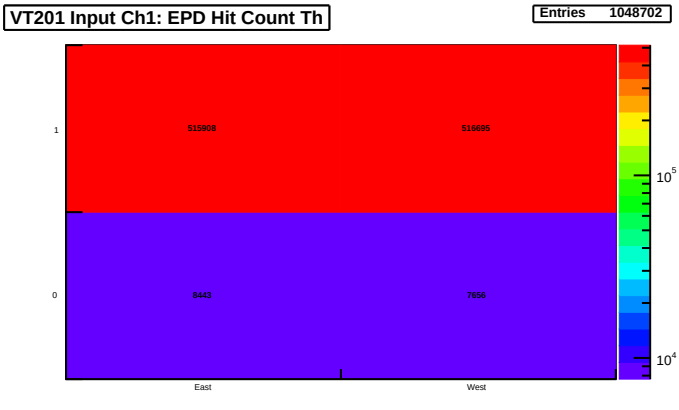

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

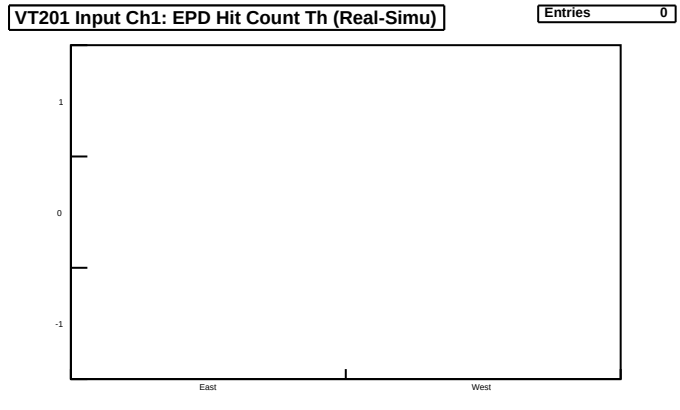

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1048702
406428
386072
117923
138279
East
West

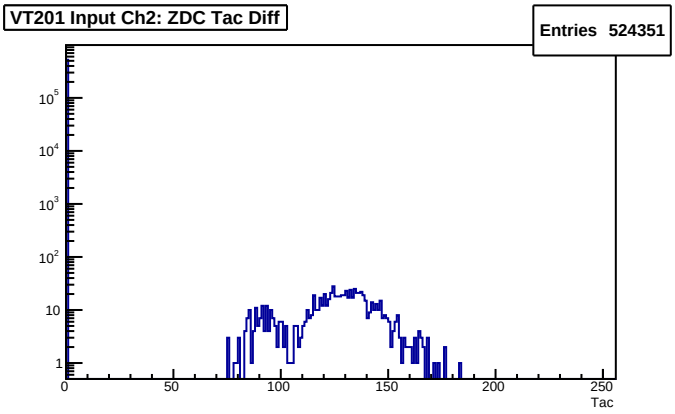

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

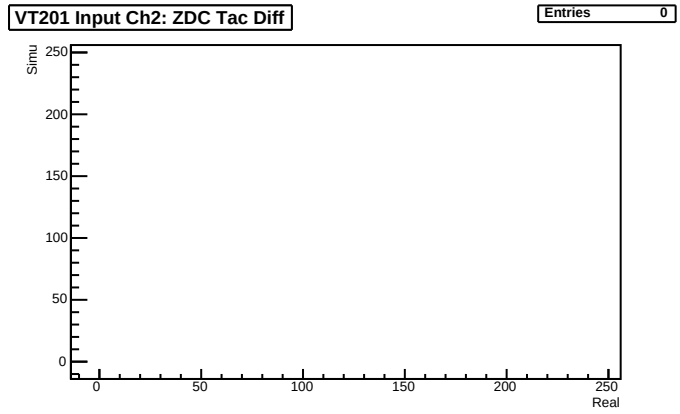

VT201 Input Ch1: EPD Tac Diff
Entries 524351
Tac

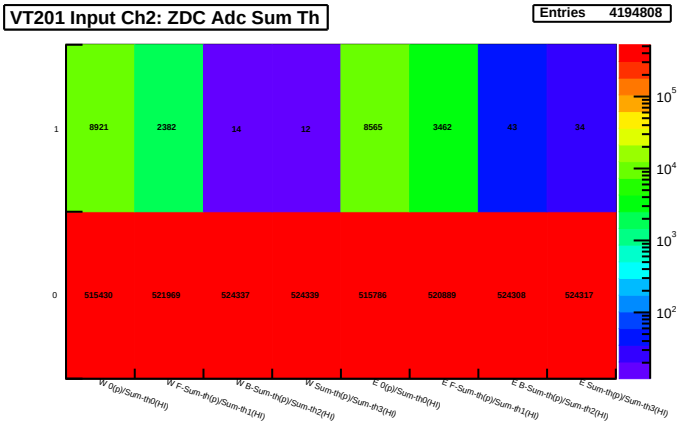

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

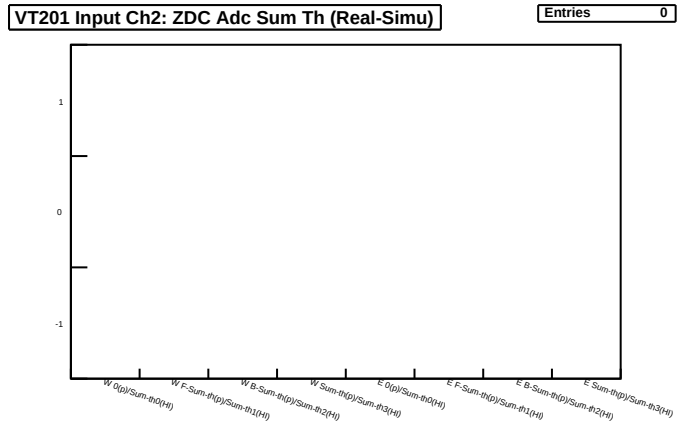

VT201 Input Ch1: EPD Hit Count Th
Entries 1048702
515908
516695
8443
7656
East
West

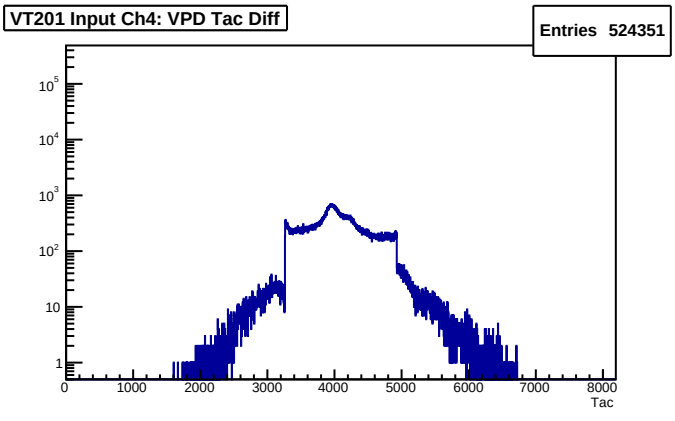

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

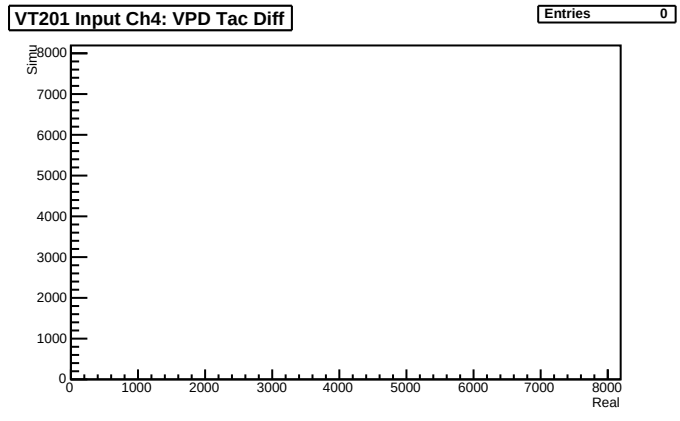

VT201 Input Ch2: ZDC Tac Diff
Entries 524351
Tac

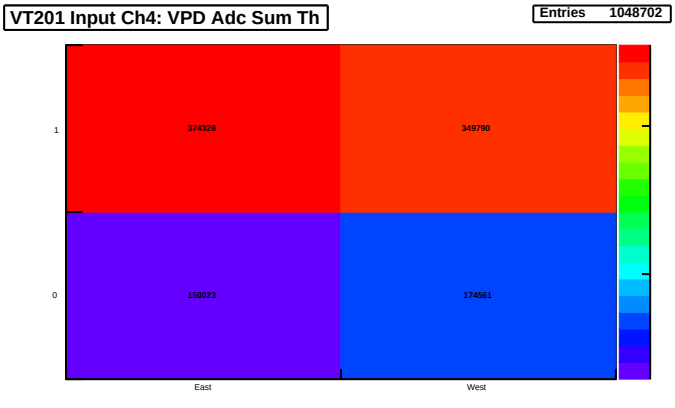

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

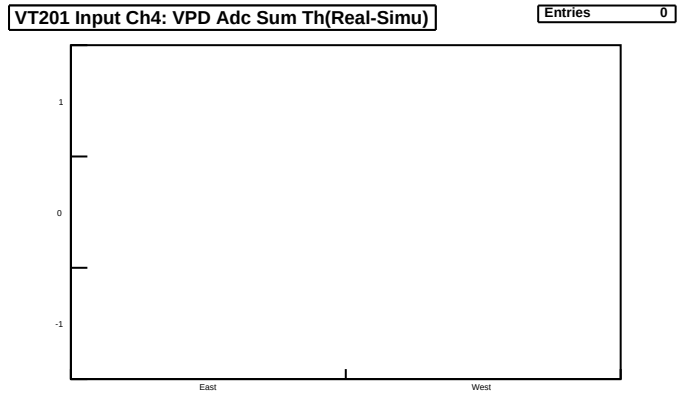

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4194808
8921
2382
14
12
8565
3462
43
34
515430
521969
524337
524339
515786
520889
524308
524317
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

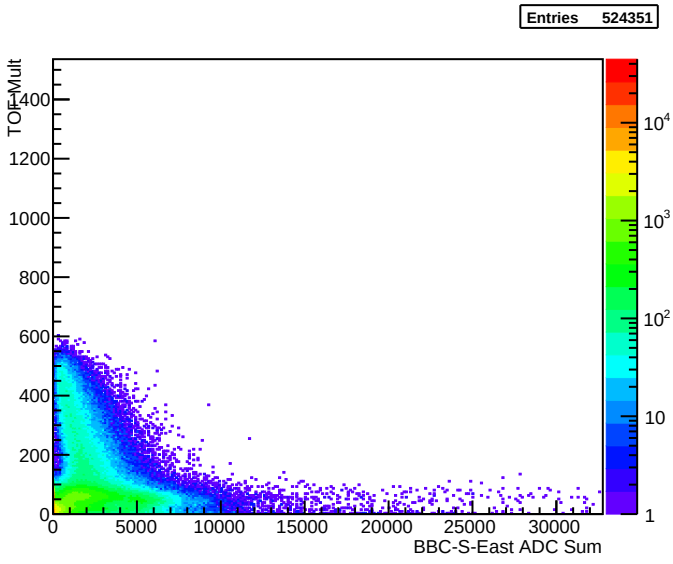

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

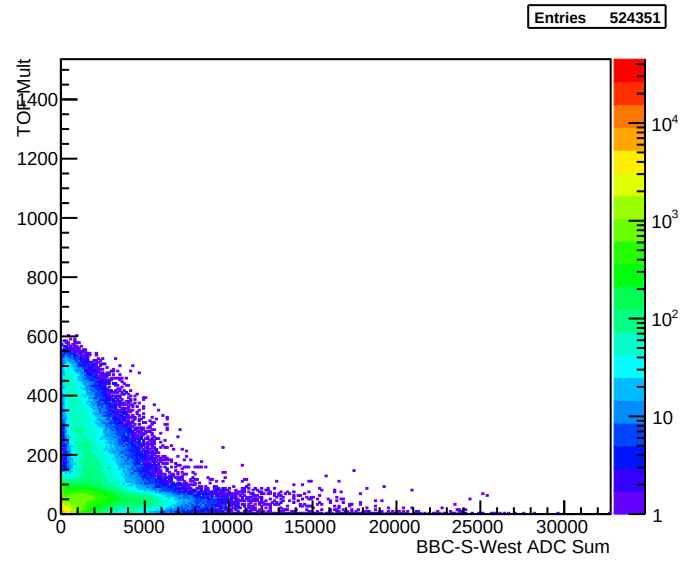

VT201 Input Ch4: VPD Tac Diff
Entries 524351
Tac

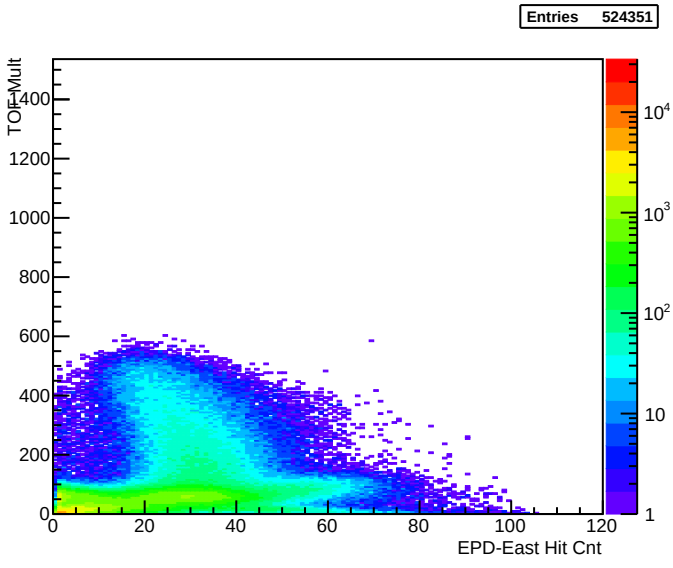

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

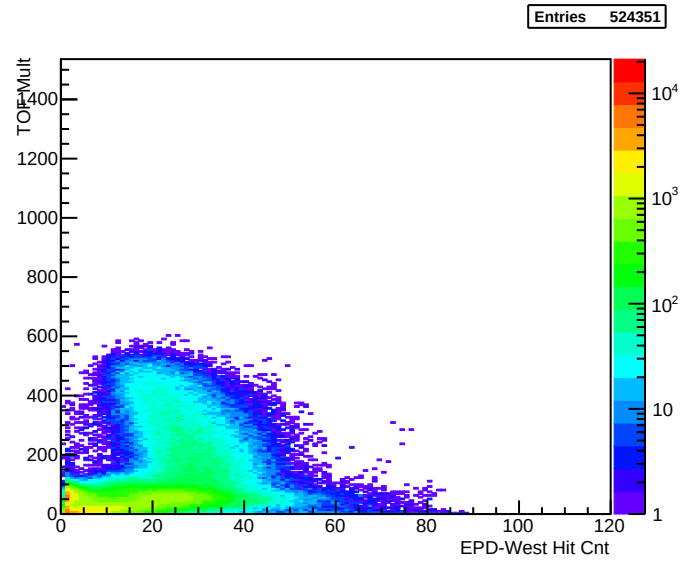

VT201 Input Ch4: VPD Adc Sum Th
Entries 1048702
374328
349790
150023
174581
East
West

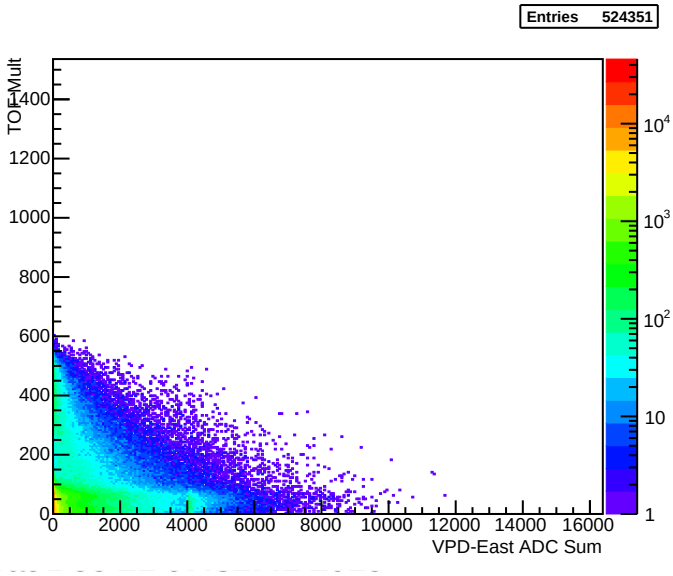

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

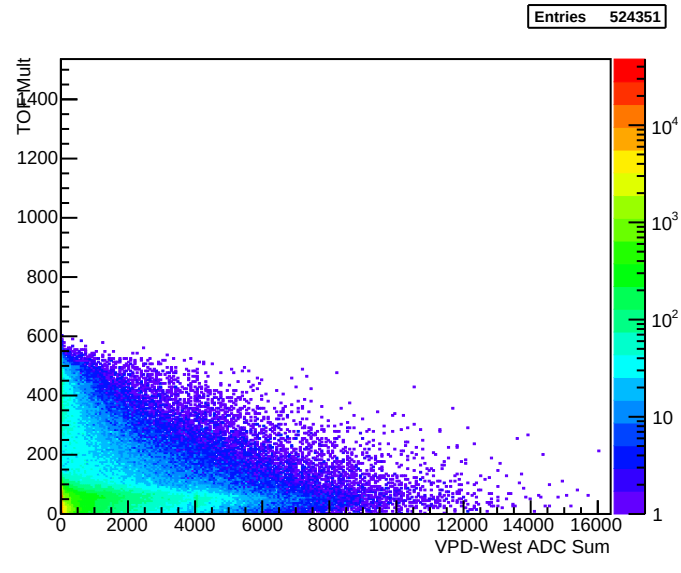

Entries 524351
TOF-Mult
BBC-S-East ADC Sum

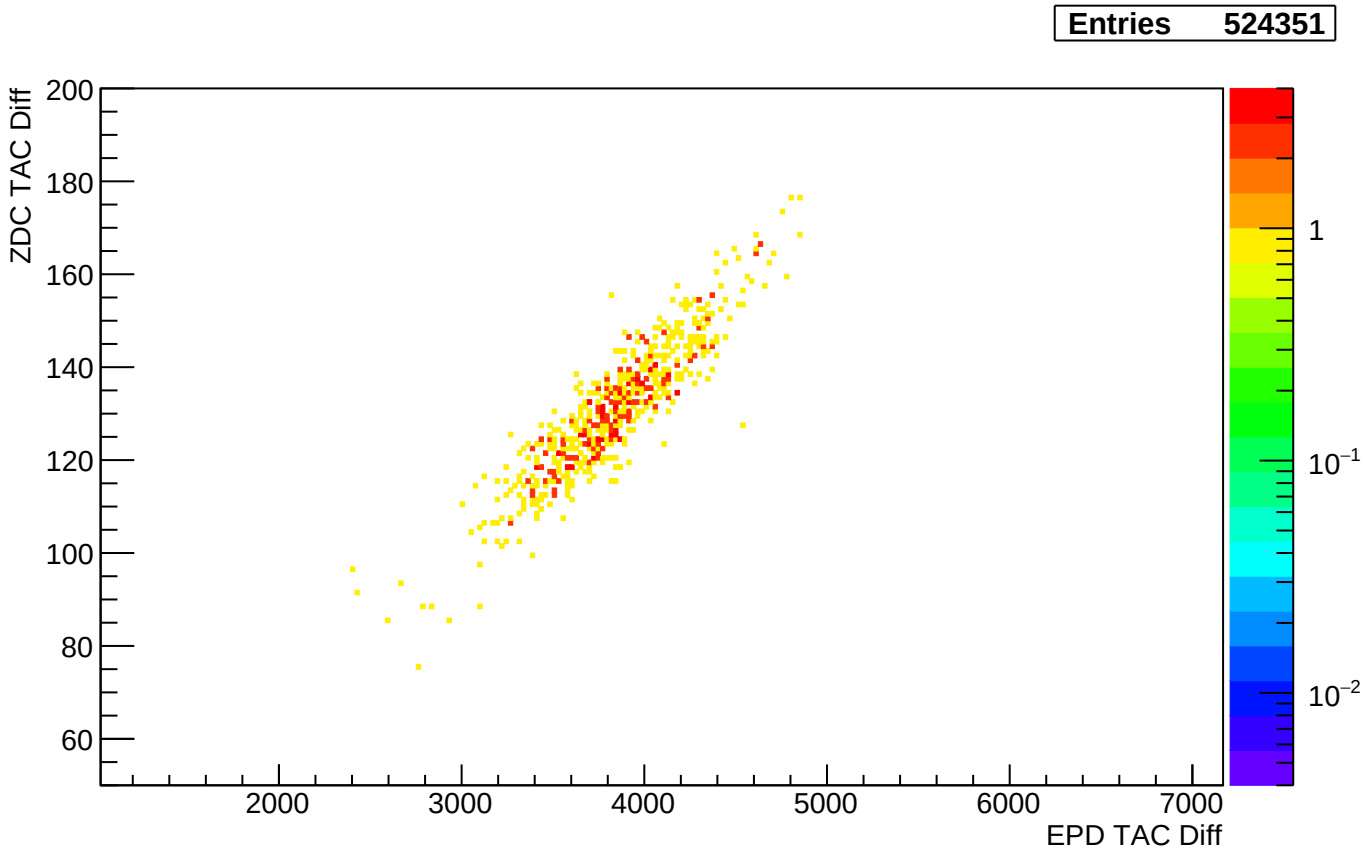

Entries 524351
TOF-Mult
BBC-S-West ADC Sum

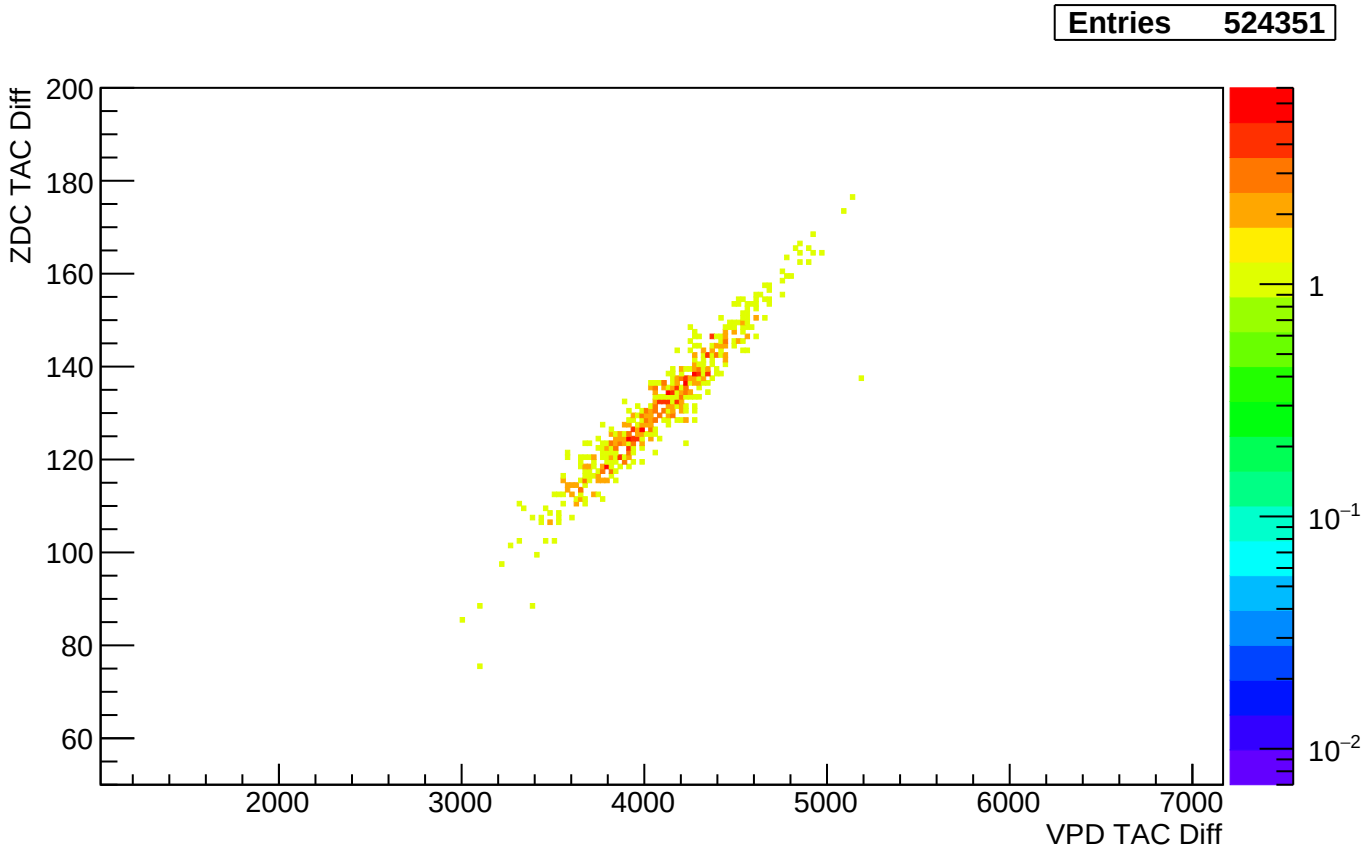

Entries 524351
TOF-Mult
EPD-East Hit Cnt

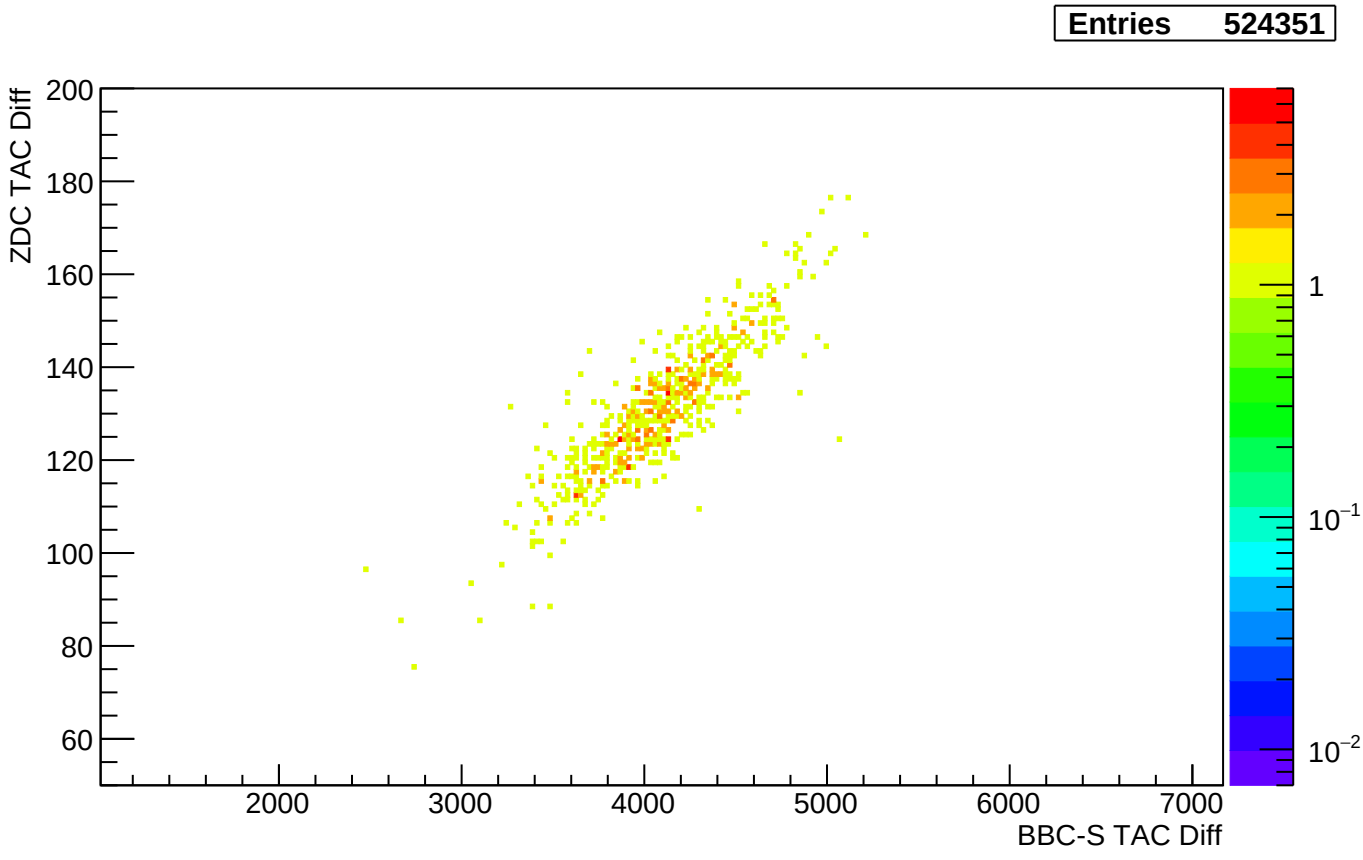

Entries 524351
TOF-Mult
EPD-West Hit Cnt

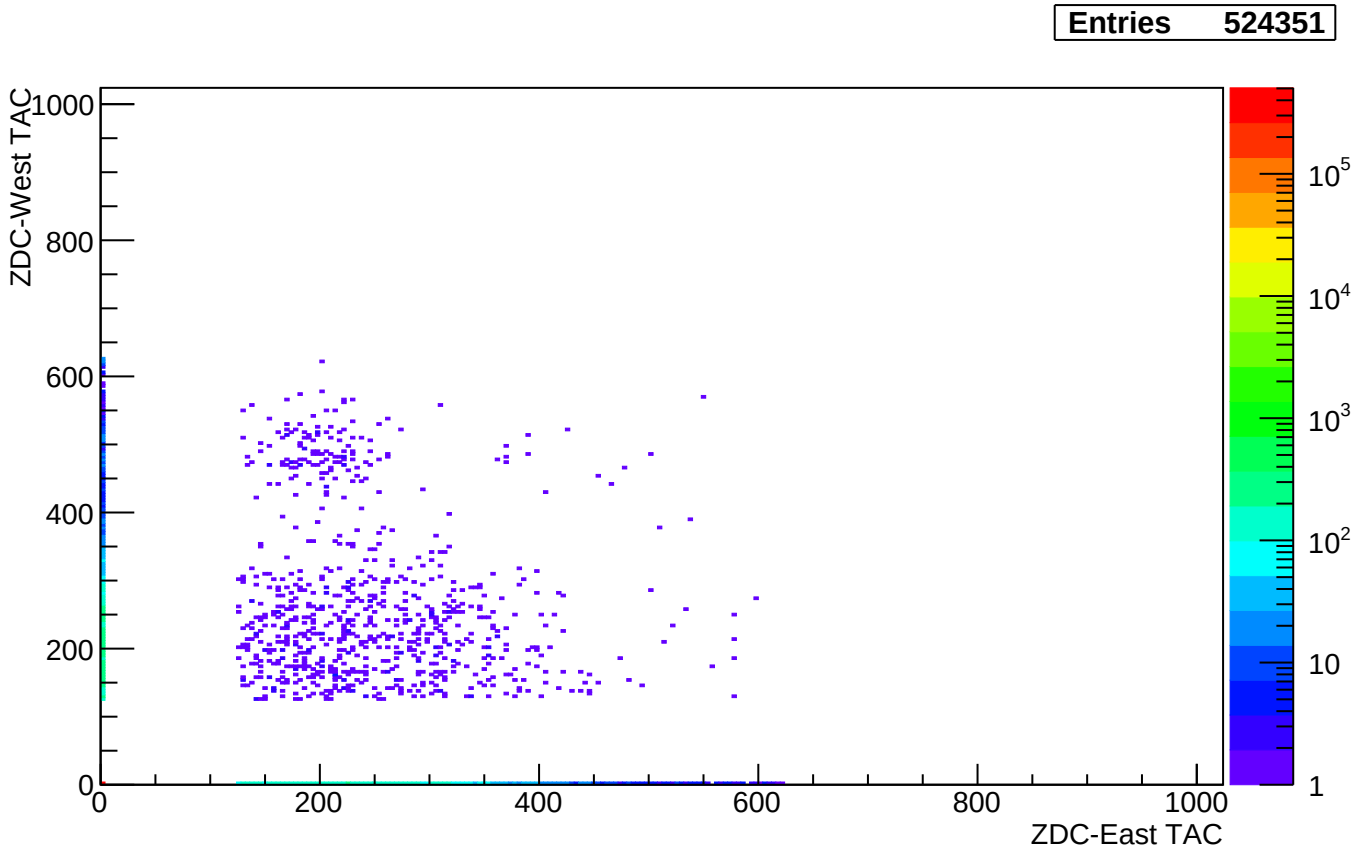

Entries 524351
TOF-Mult
VPD-East ADC Sum

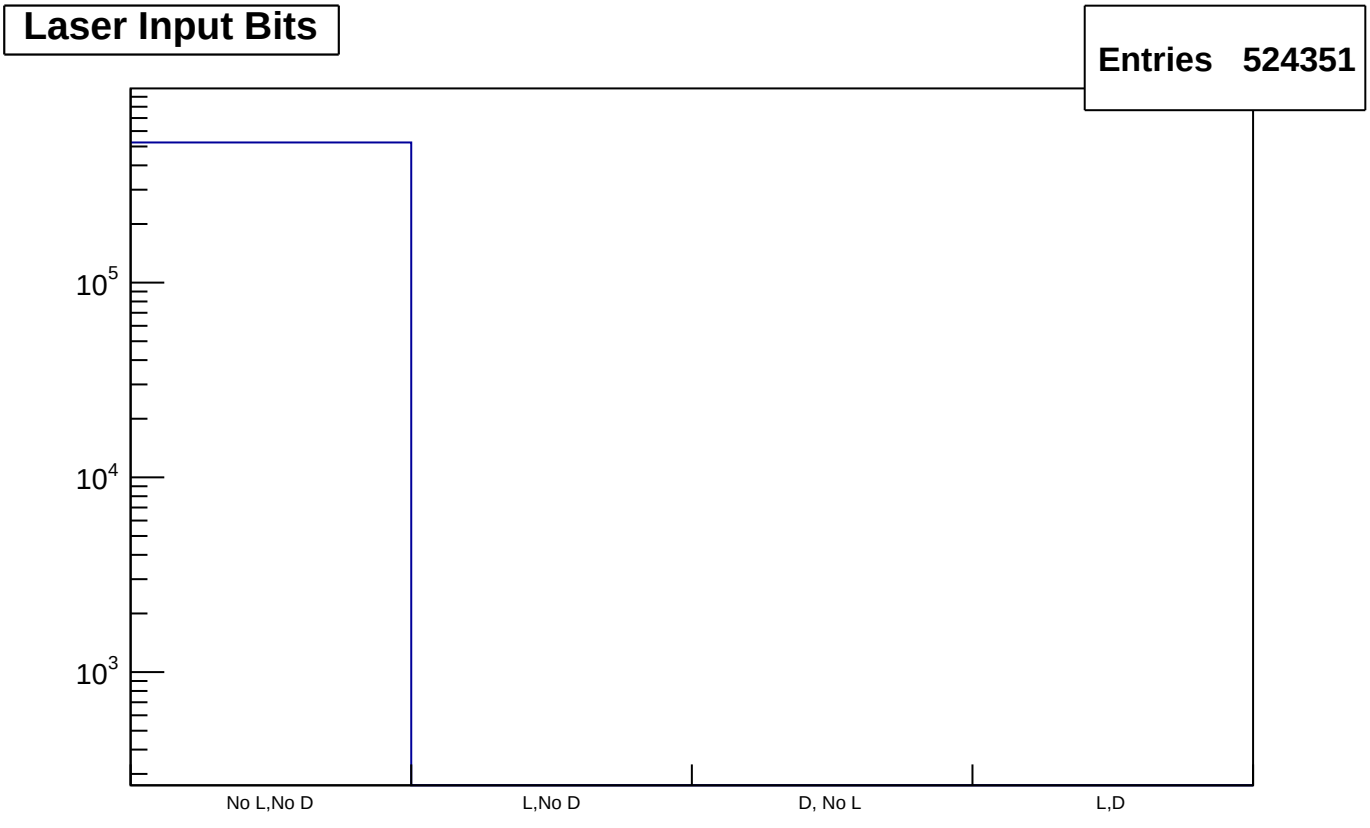

Entries 524351
TOF-Mult
VPD-West ADC Sum

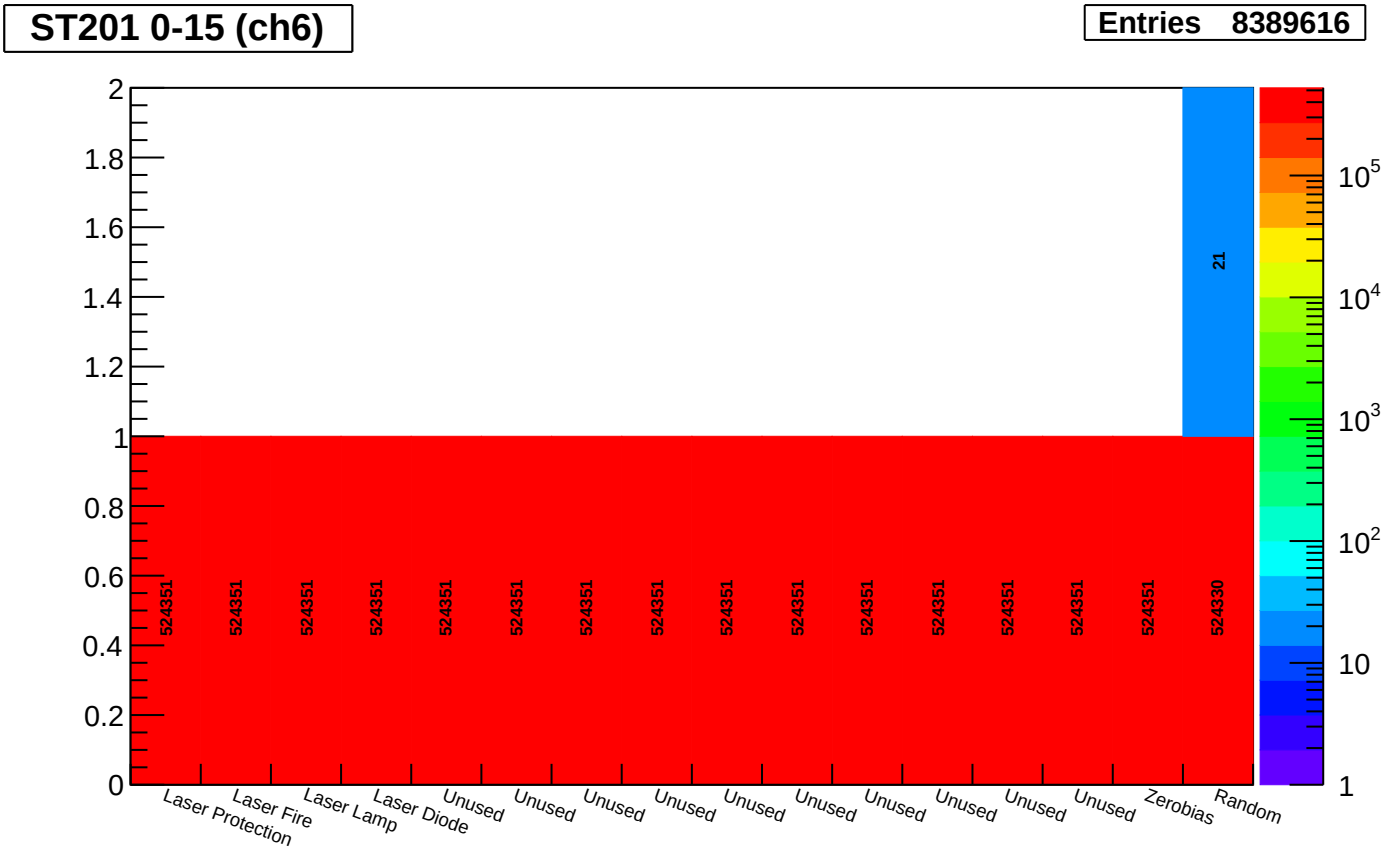

Entries 524351
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

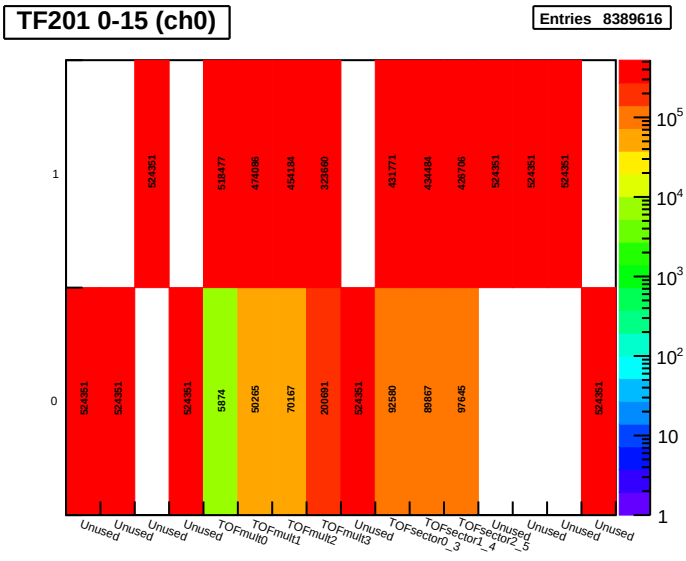

Entries 524351
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

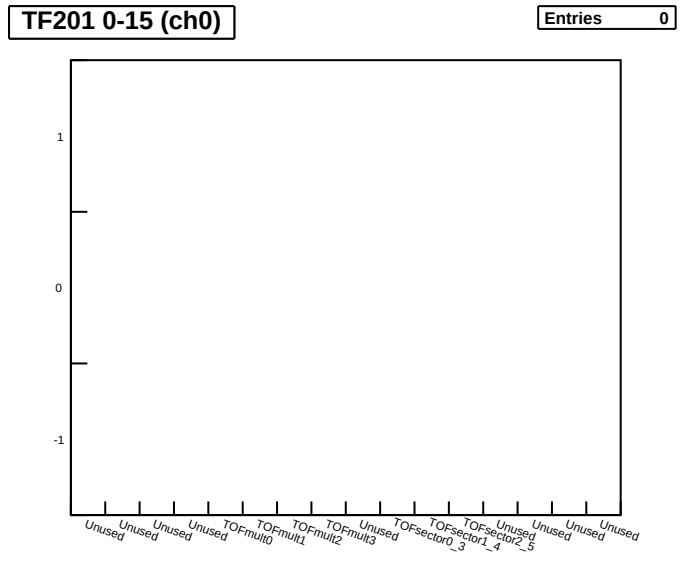

Entries 524351
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

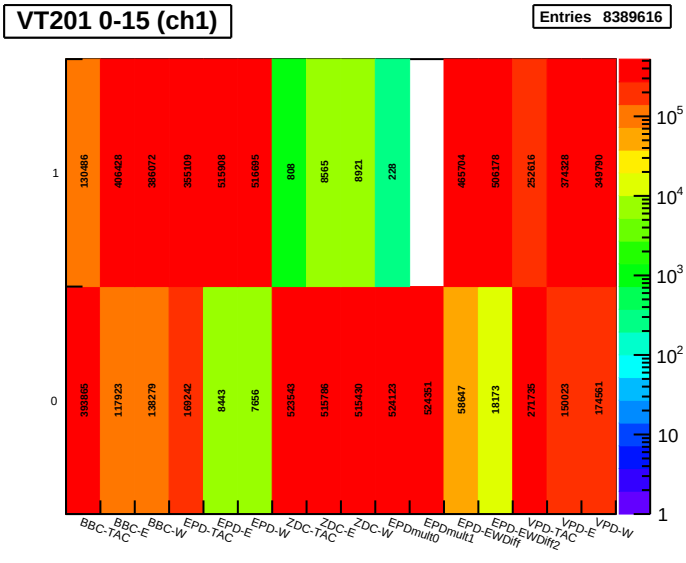

Entries 524351
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

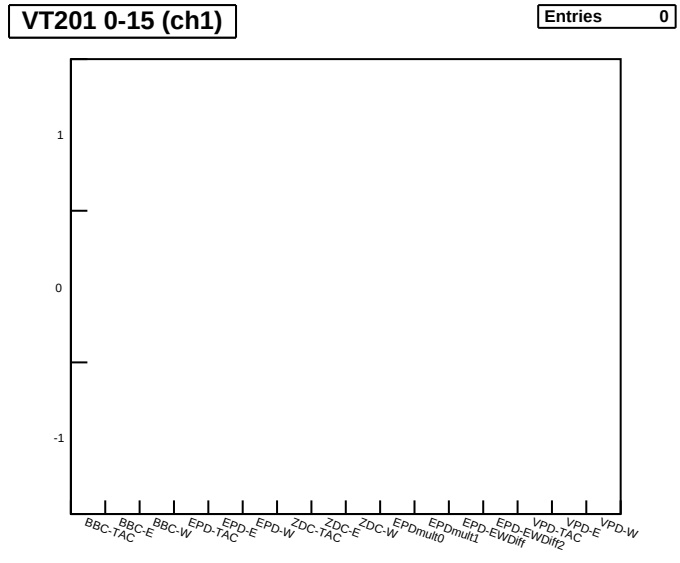

Laser Input Bits
Entries 524351
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

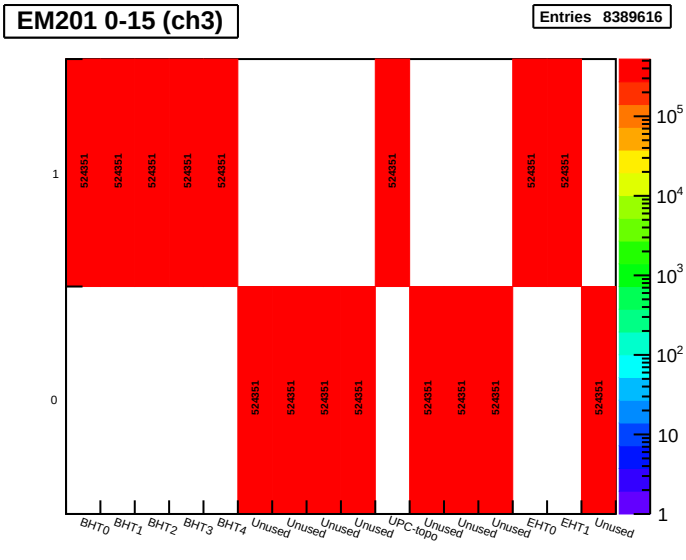

ST201 0-15 (ch6)
Entries 8389616
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524330
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

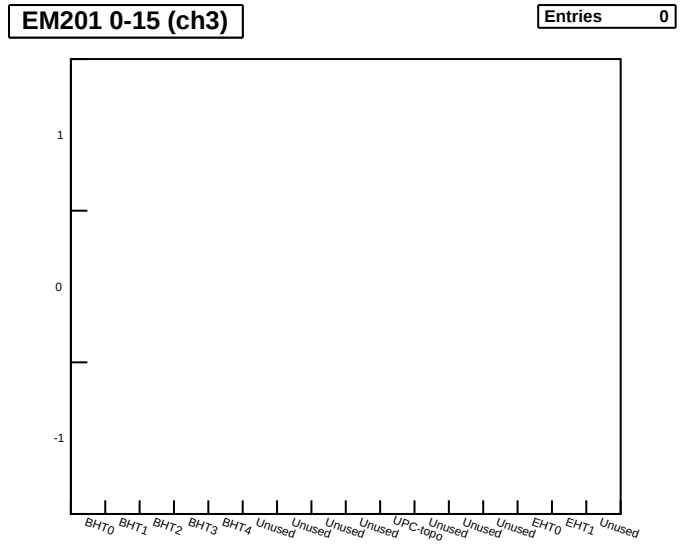

TF201 0-15 (ch0)
Entries 8389616
1
0
524351
518477
474086
454184
323660
431771
434484
426706
524351
524351
524351
524351
524351
524351
5874
50265
70167
200691
524351
92580
89867
97645
524351
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8389616
1
0
130486
406428
366072
355109
515908
516695
808
8565
8921
228
465704
506178
252616
374328
349790
393865
117923
138279
169242
8443
7656
523543
515786
515430
524123
524351
58647
18173
271735
150023
174561
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 8389616
1
0
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
524351
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