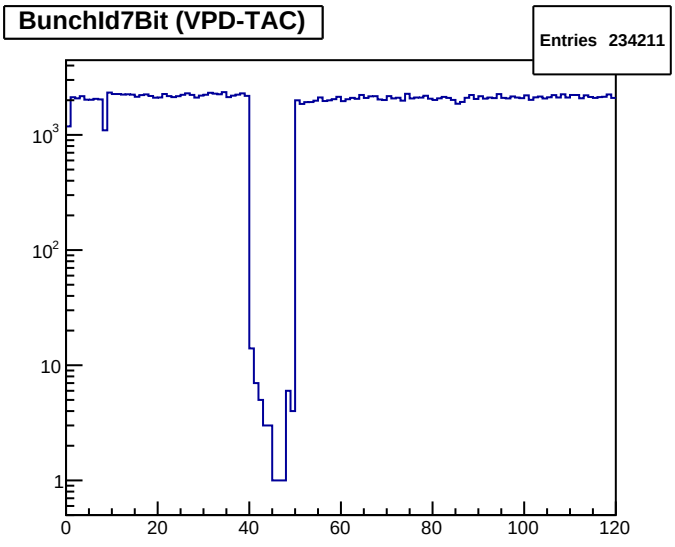
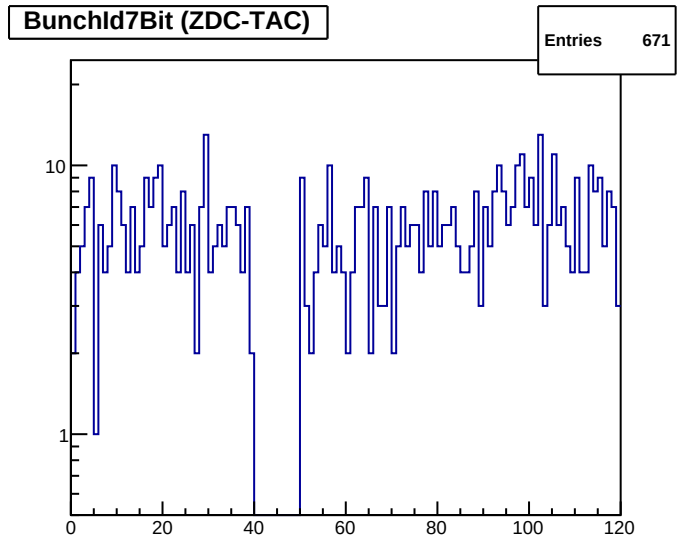
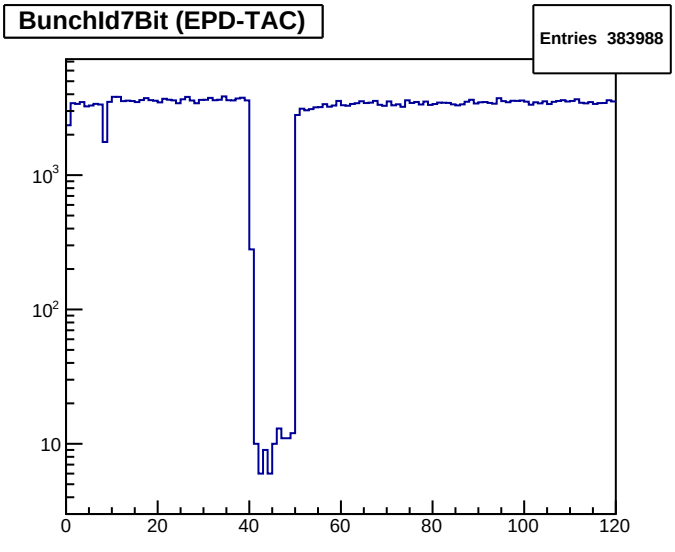
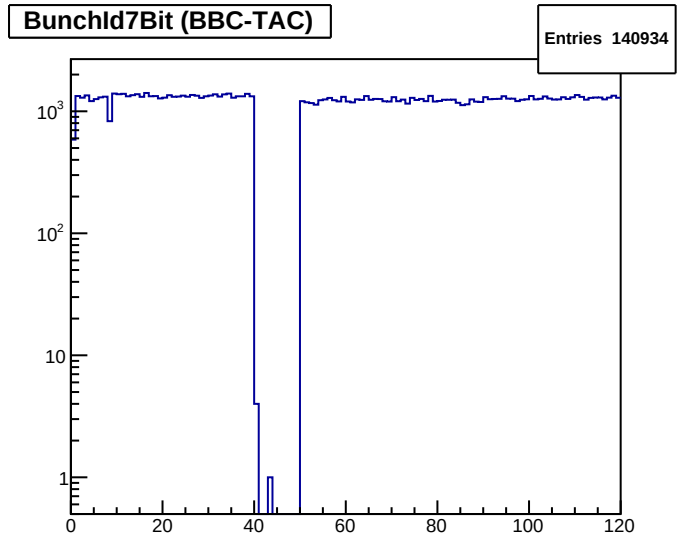
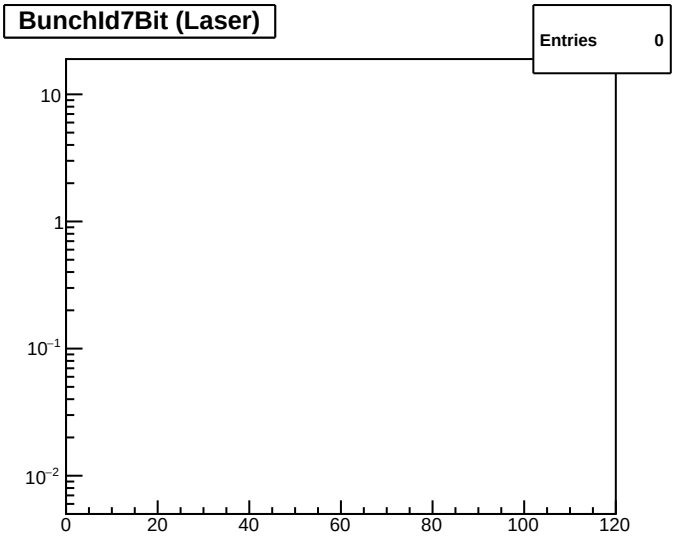
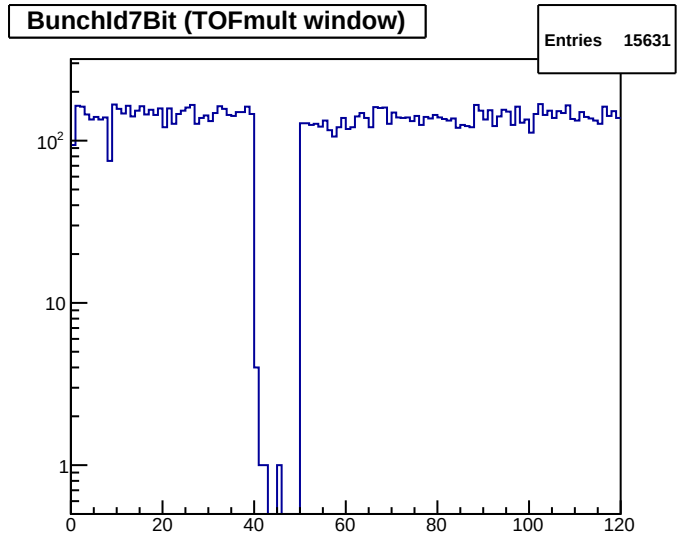

BunchId7Bit (VPD-TAC)
Entries 234211

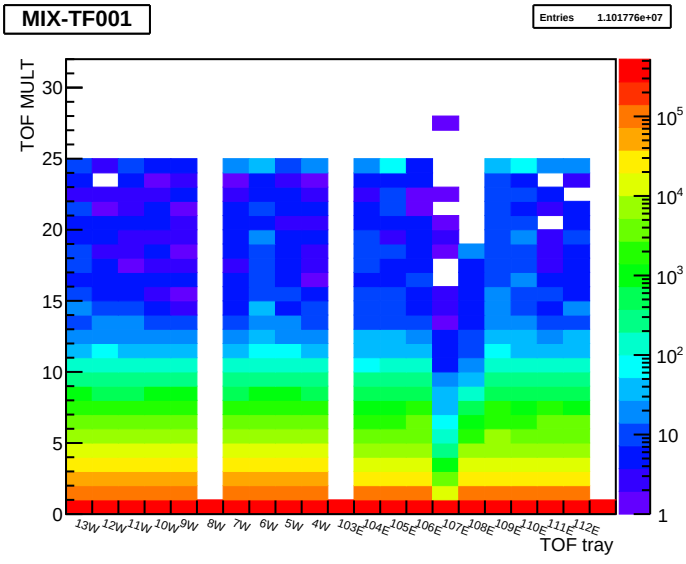

BunchId7Bit (ZDC-TAC)
Entries 671

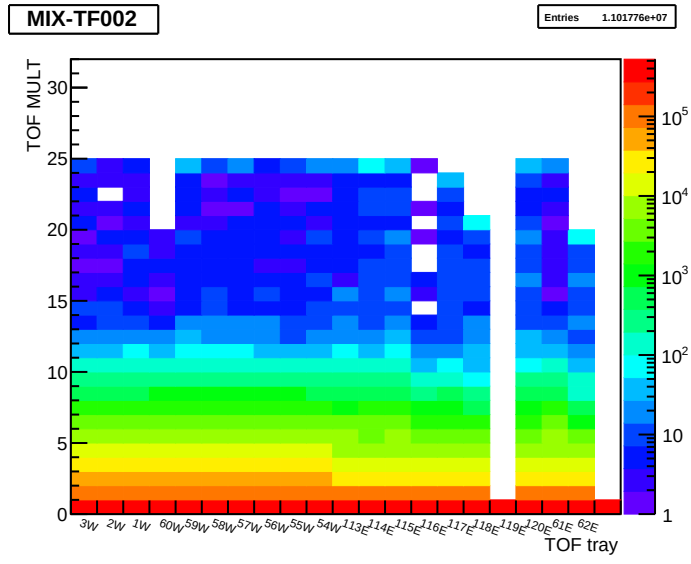

BunchId7Bit (EPD-TAC)
Entries 383988

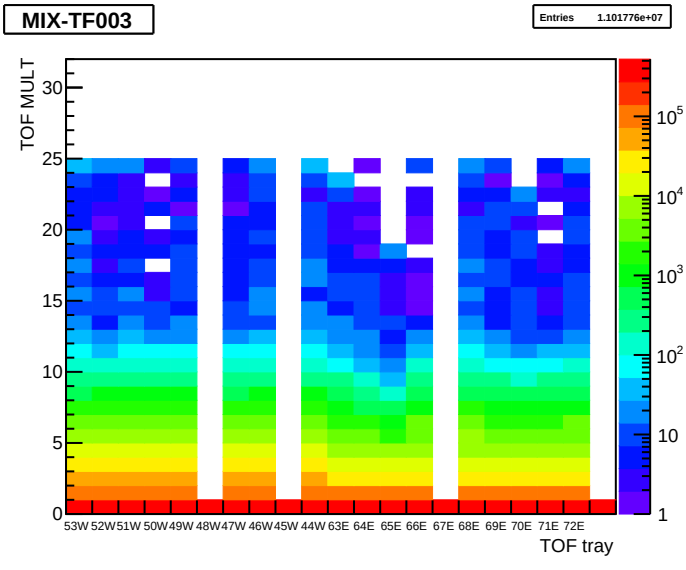

BunchId7Bit (BBC-TAC)
Entries 140934

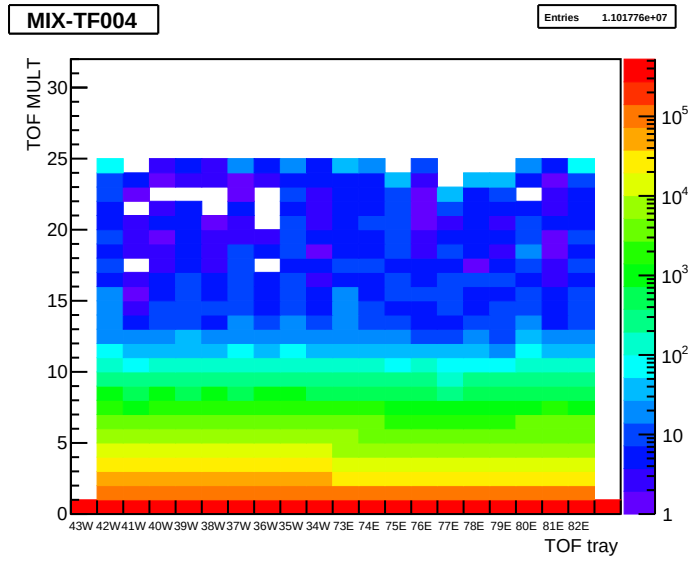

BunchId7Bit (Laser)
Entries 0

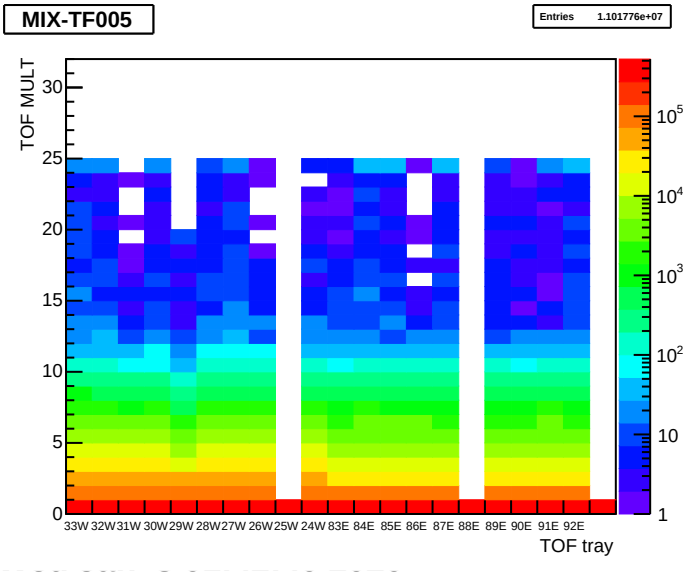

BunchId7Bit (TOFmult window)
Entries 15631

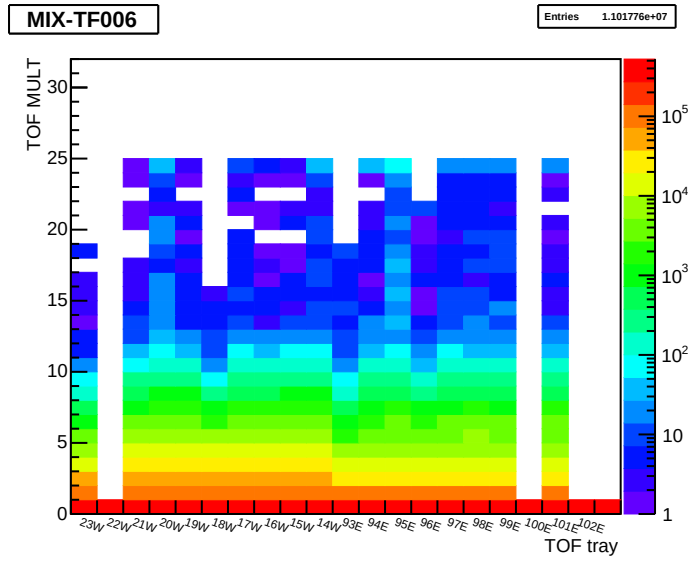

MIX-TF001
Entries 1.101776e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

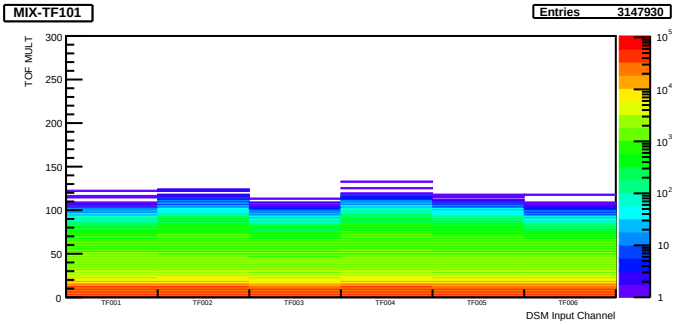

MIX-TF002
Entries 1.101776e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

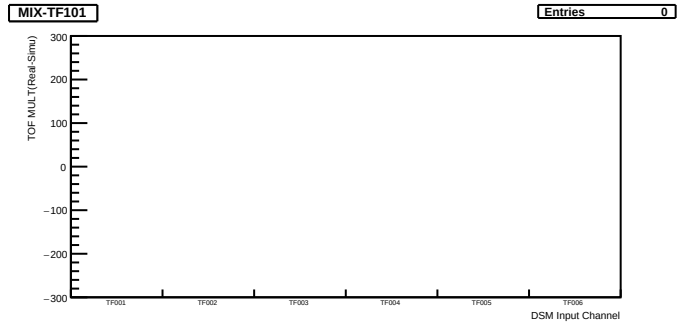

MIX-TF003
Entries 1.101776e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

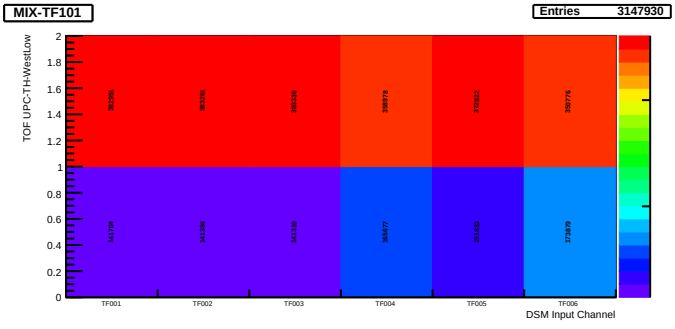

MIX-TF004
Entries 1.101776e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

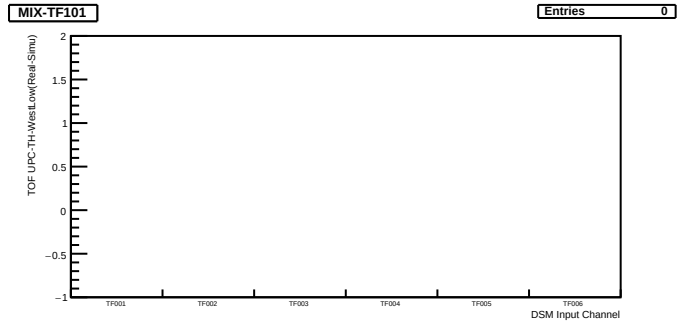

MIX-TF005
Entries 1.101776e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

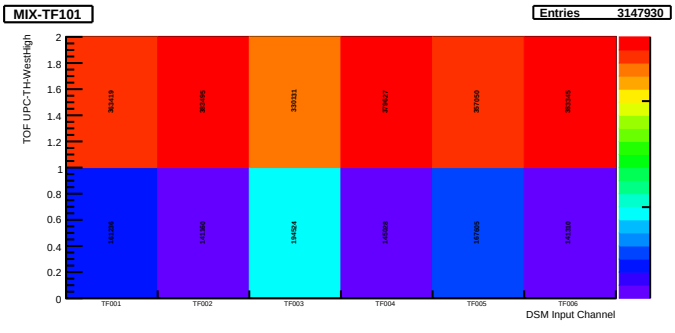

MIX-TF006
Entries 1.101776e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

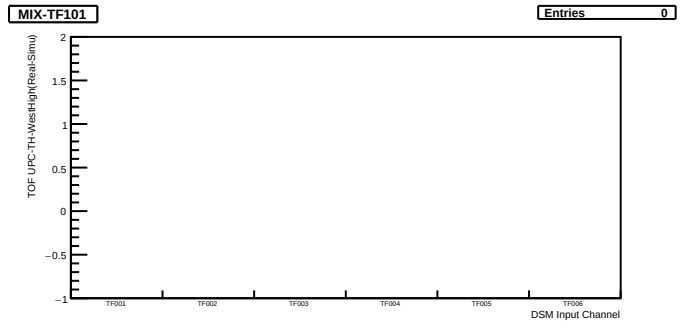

MIX-TF101
Entries 3147930
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

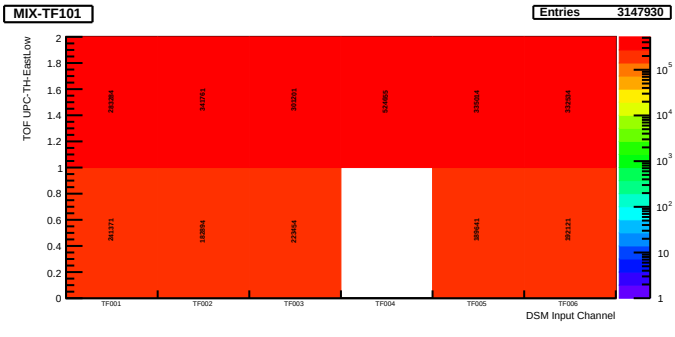

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

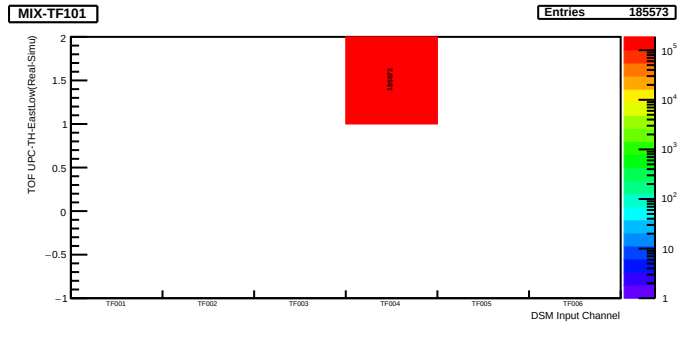

MIX-TF101
Entries 3147930
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

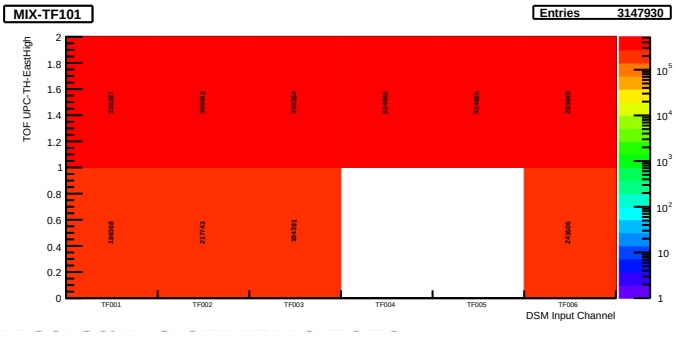

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

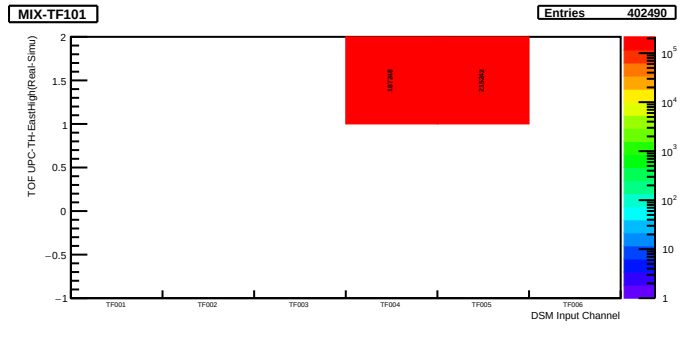

MIX-TF101
Entries 3147930
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

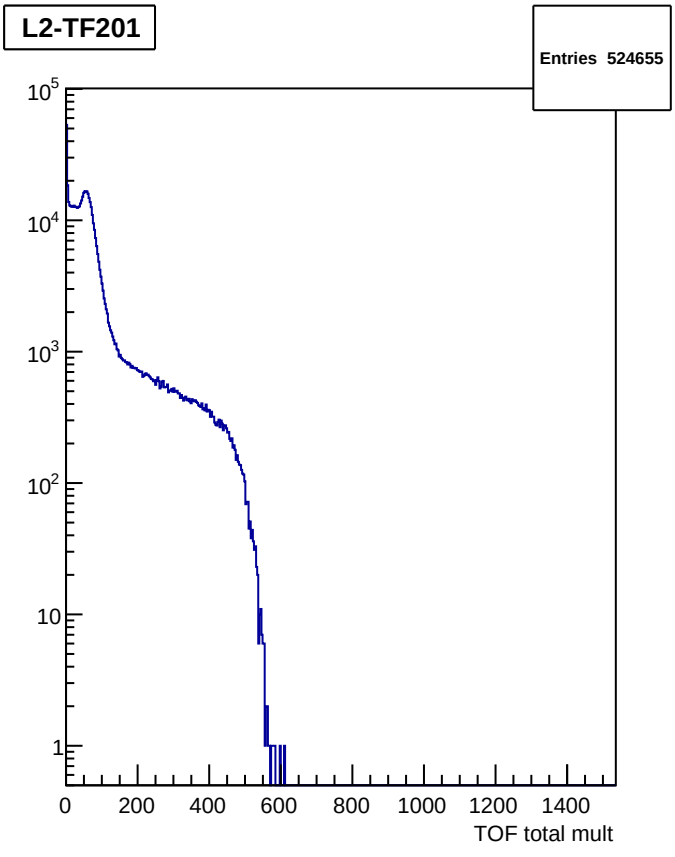

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

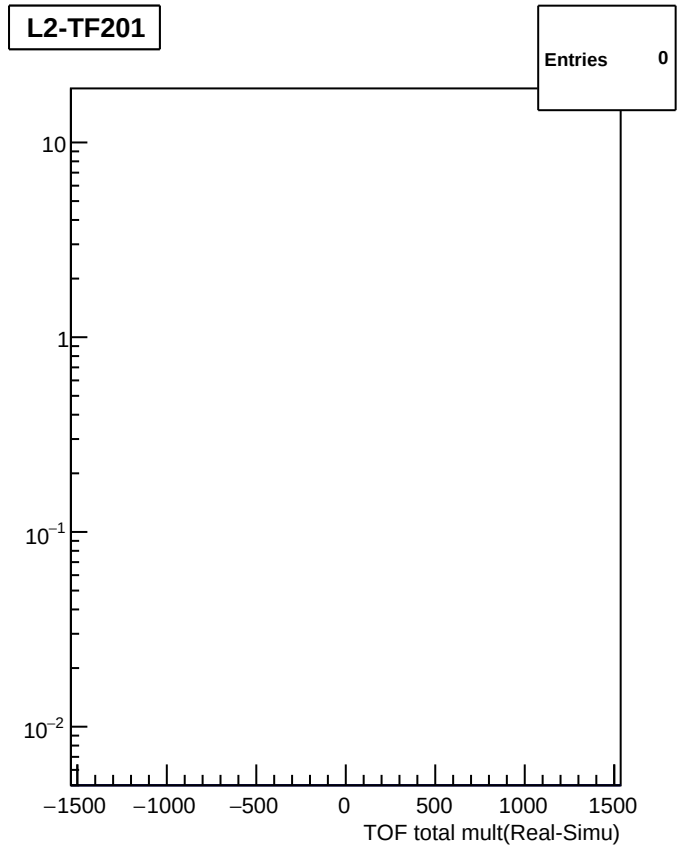

MIX-TF101
Entries 3147930
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

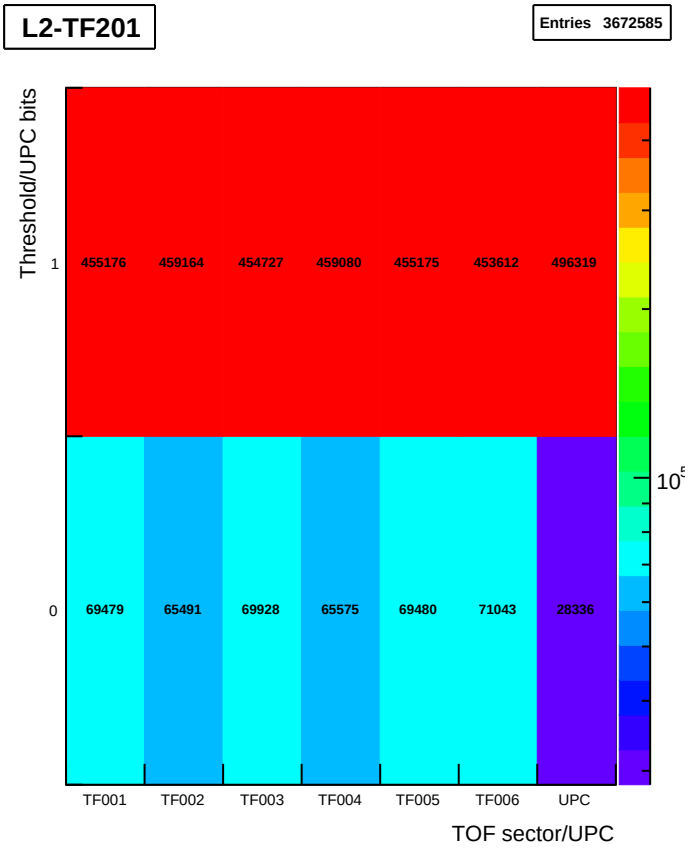

MIX-TF101
Entries 185573
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

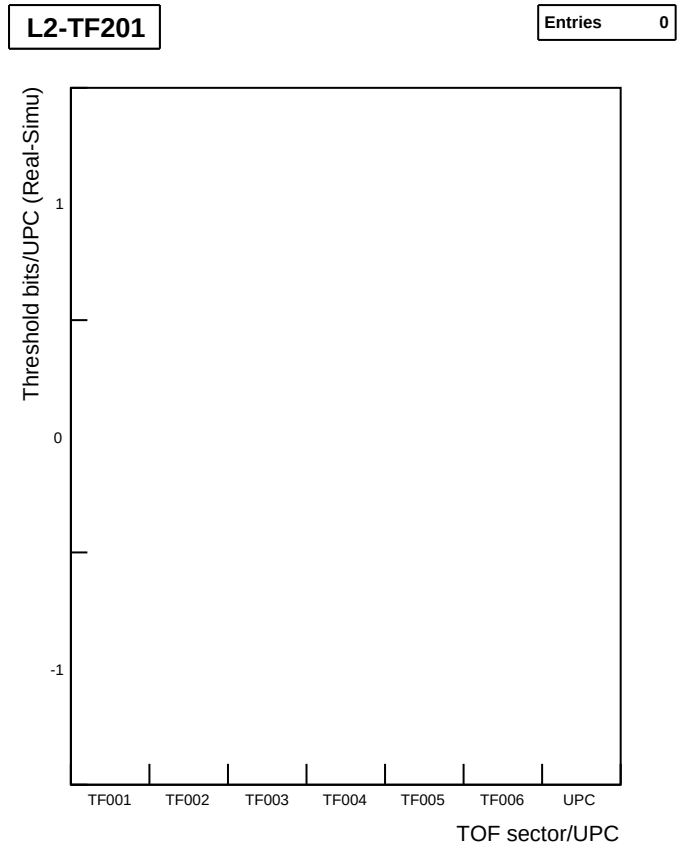

MIX-TF101
Entries 3147930
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

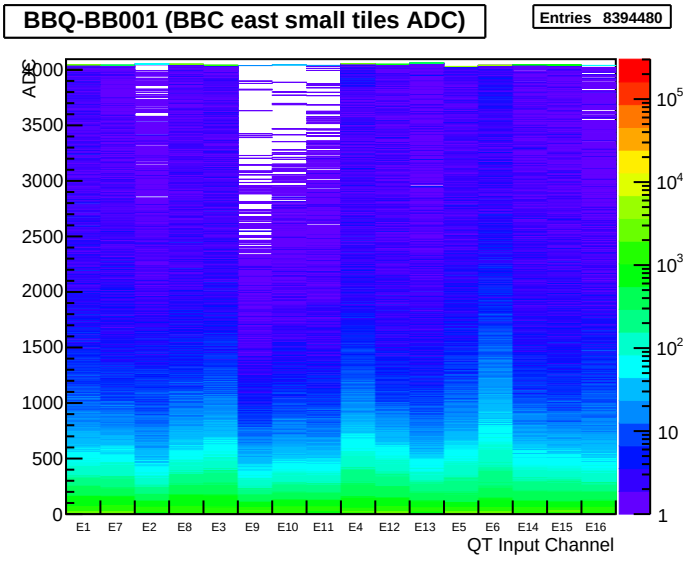

MIX-TF101
Entries 402490
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

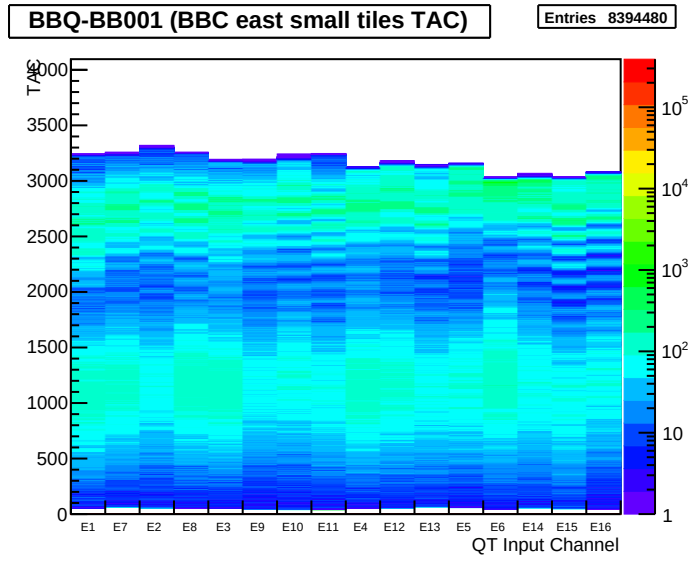

L2-TF201
Entries 524655
TOF total mult

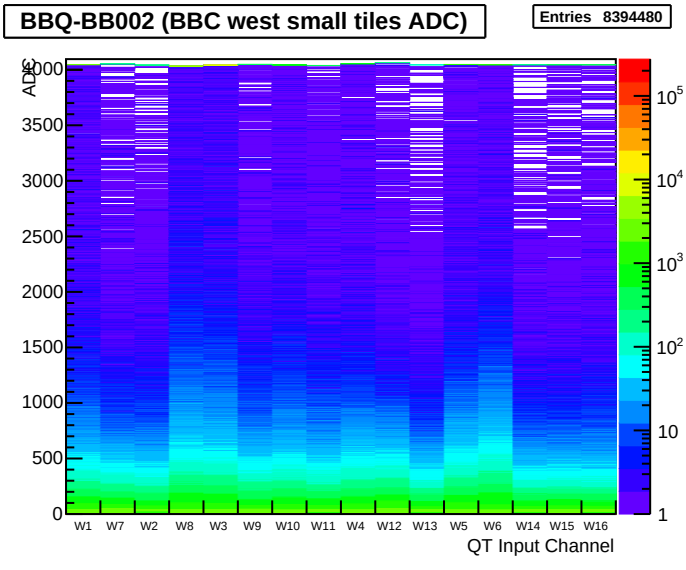

L2-TF201
Entries 0
TOF total mult(Real-Simu)

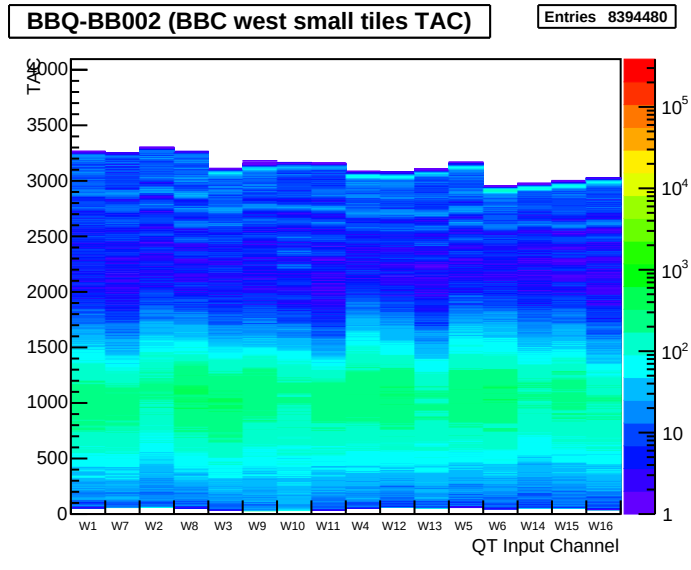

L2-TF201
Entries 3672585
Threshold/UPC bits
455176
459164
454727
459080
455175
453612
496319
69479
65491
69928
65575
69480
71043
28336
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

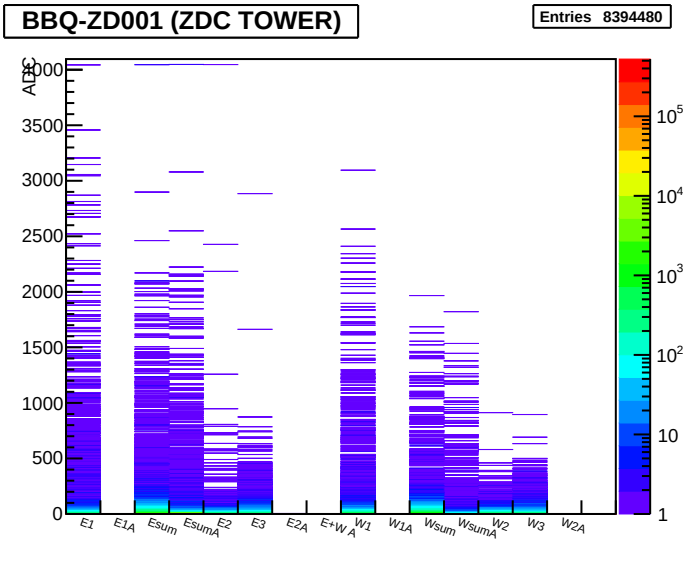

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

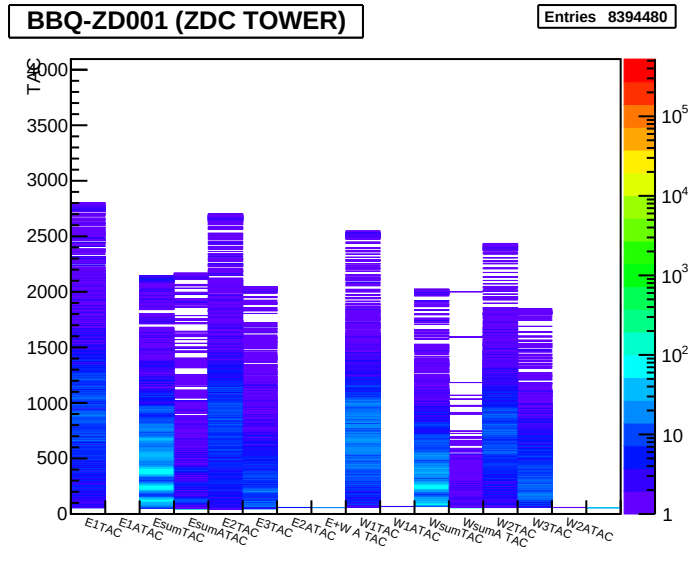

BBQ-BB001 (BBC east small tiles ADC)
Entries 8394480
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

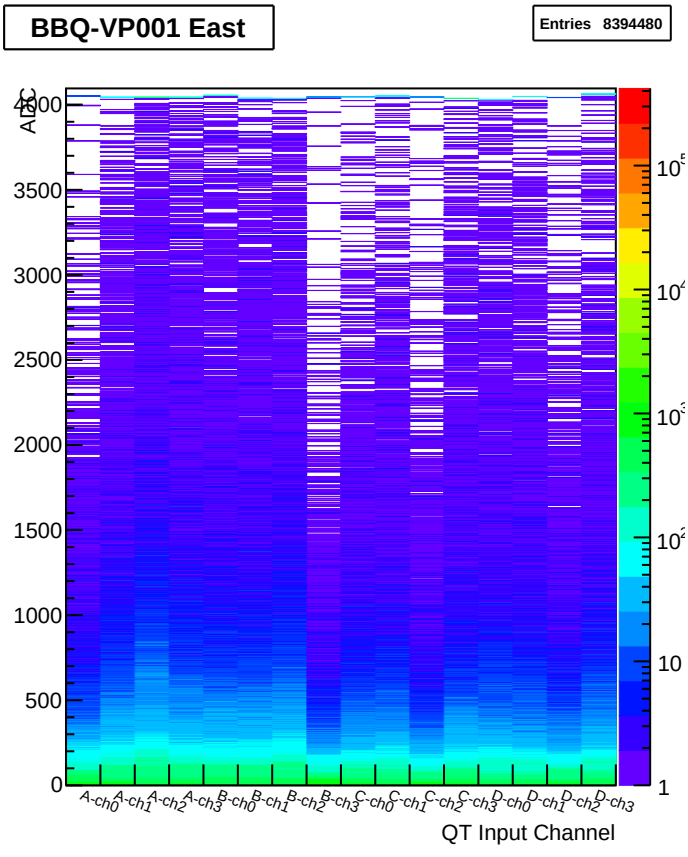

BBQ-BB001 (BBC east small tiles TAC)
Entries 8394480
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

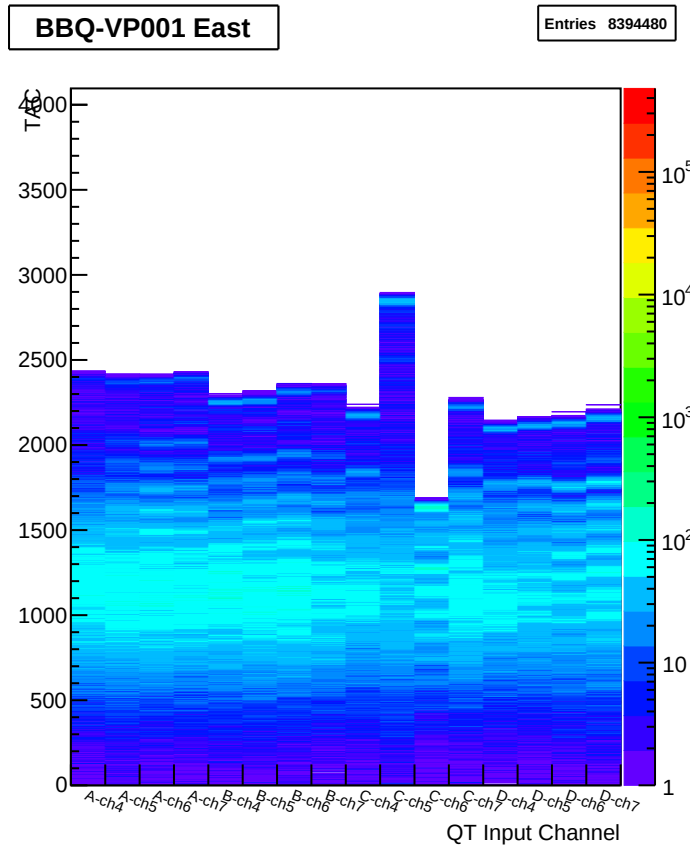

BBQ-BB002 (BBC west small tiles ADC)
Entries 8394480
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

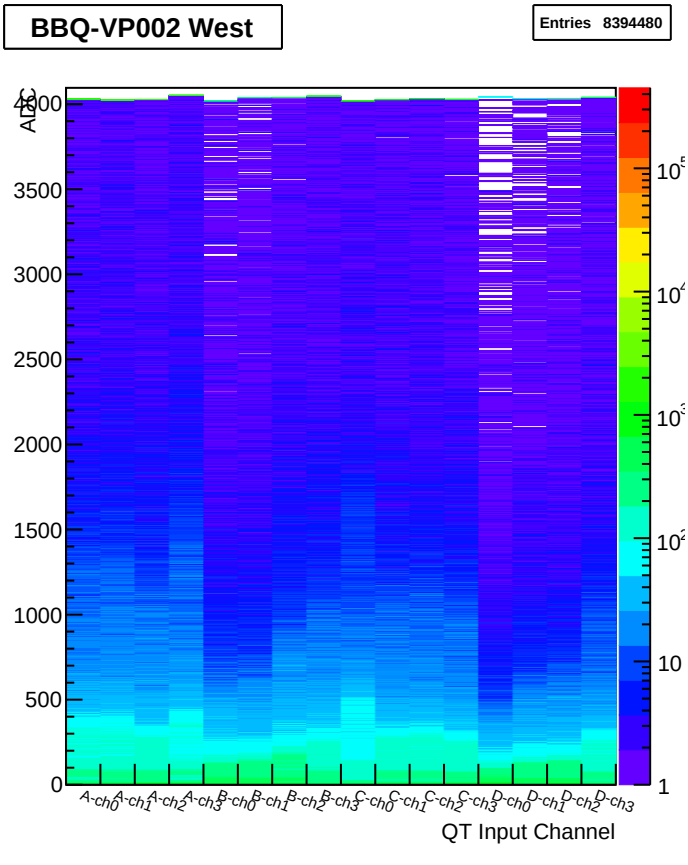

BBQ-BB002 (BBC west small tiles TAC)
Entries 8394480
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

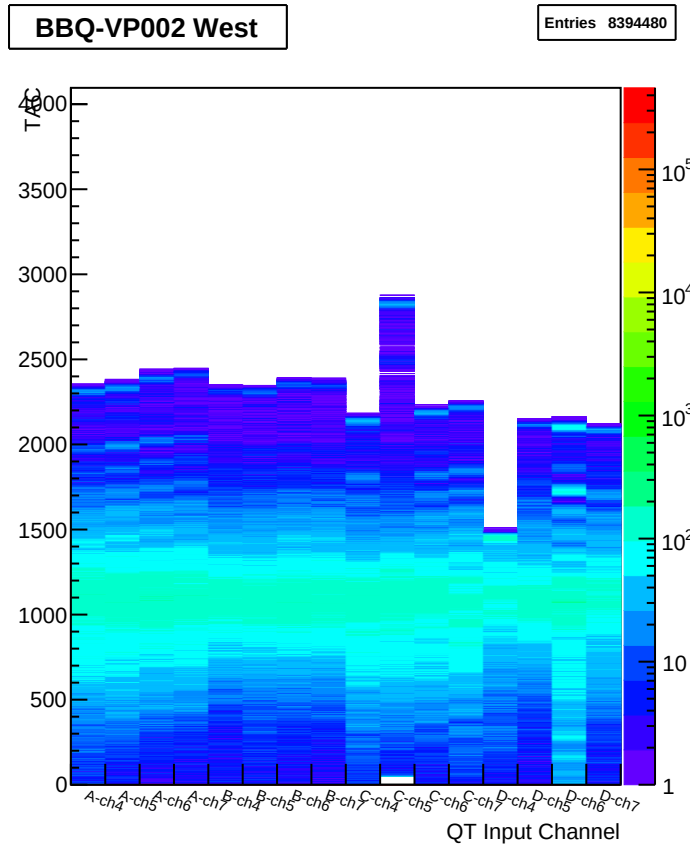

BBQ-ZD001 (ZDC TOWER)
Entries 8394480
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

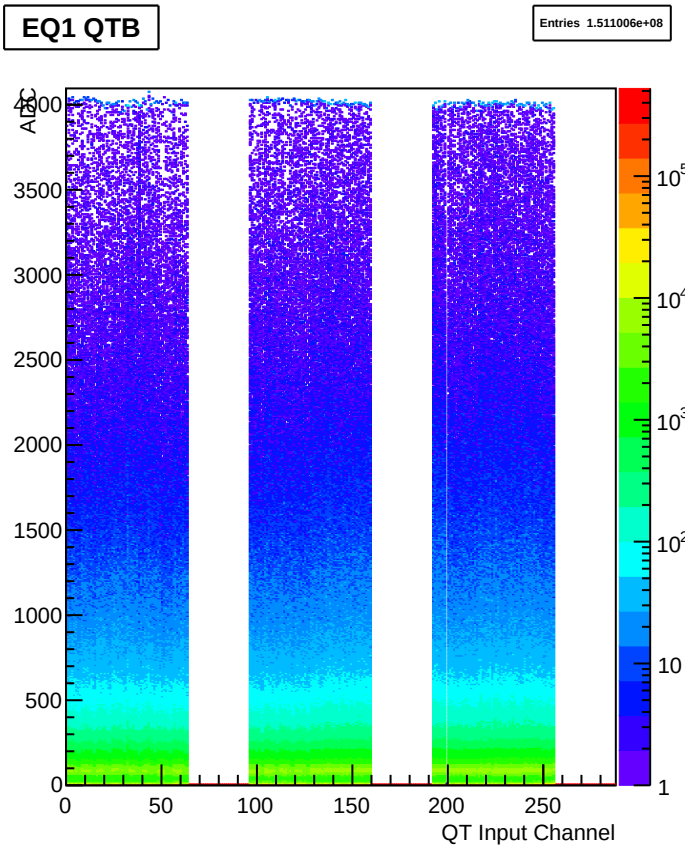

BBQ-ZD001 (ZDC TOWER)
Entries 8394480
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

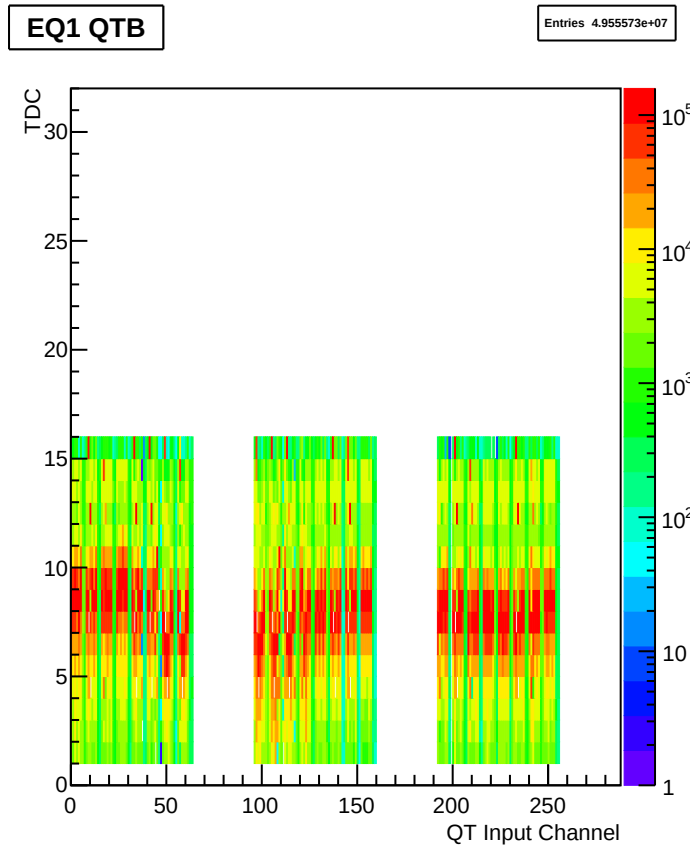

BBQ-VP001 East
Entries 8394480
ADC
QT Input Channel

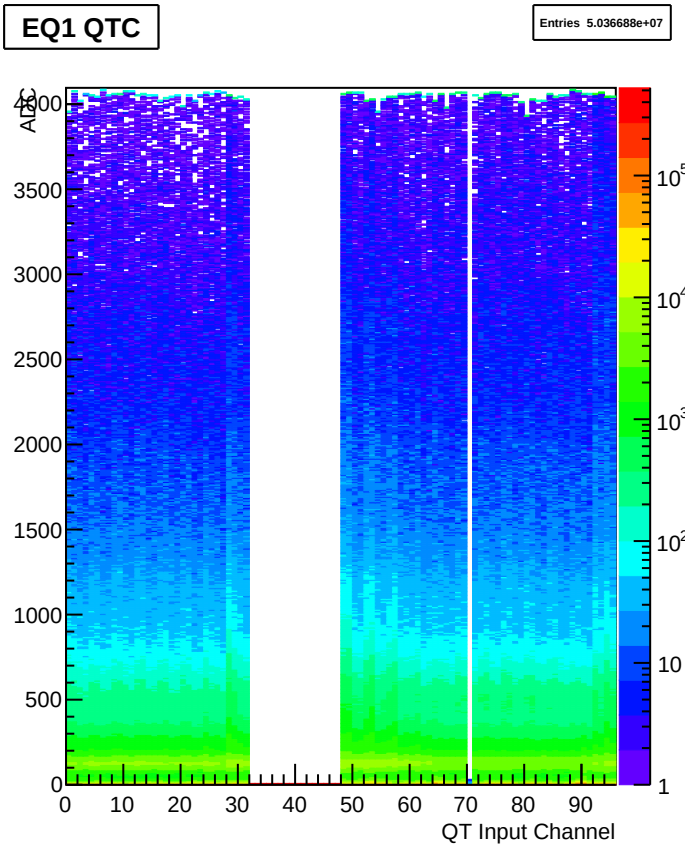

BBQ-VP001 East
Entries 8394480
TADC
QT Input Channel

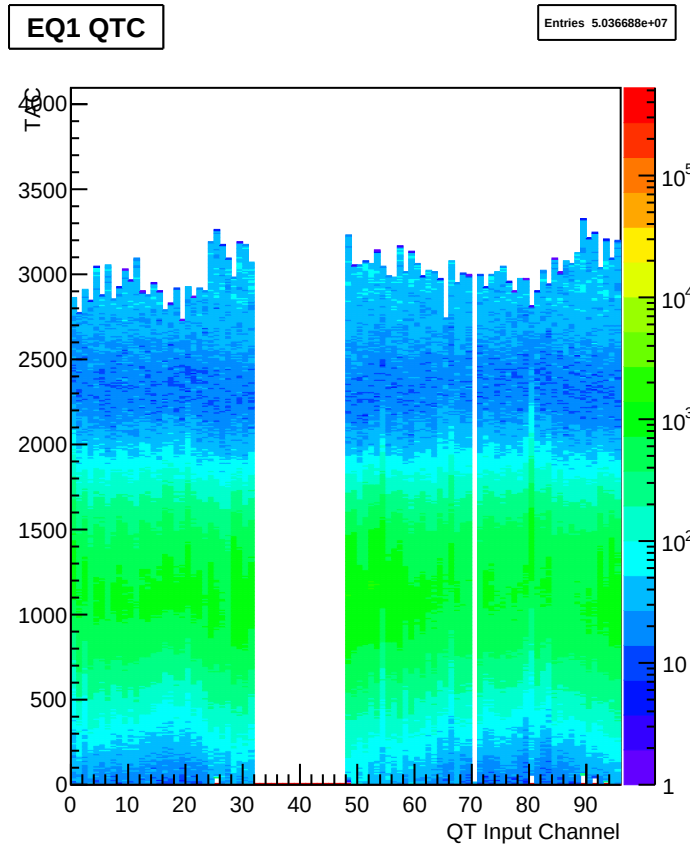

BBQ-VP002 West
Entries 8394480
ADC
QT Input Channel

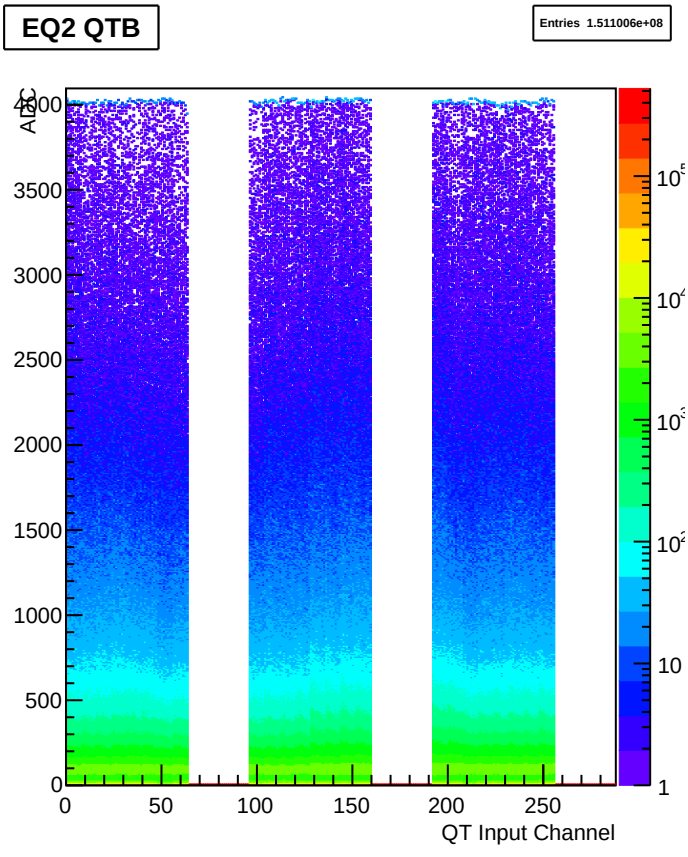

BBQ-VP002 West
Entries 8394480
TADC
QT Input Channel

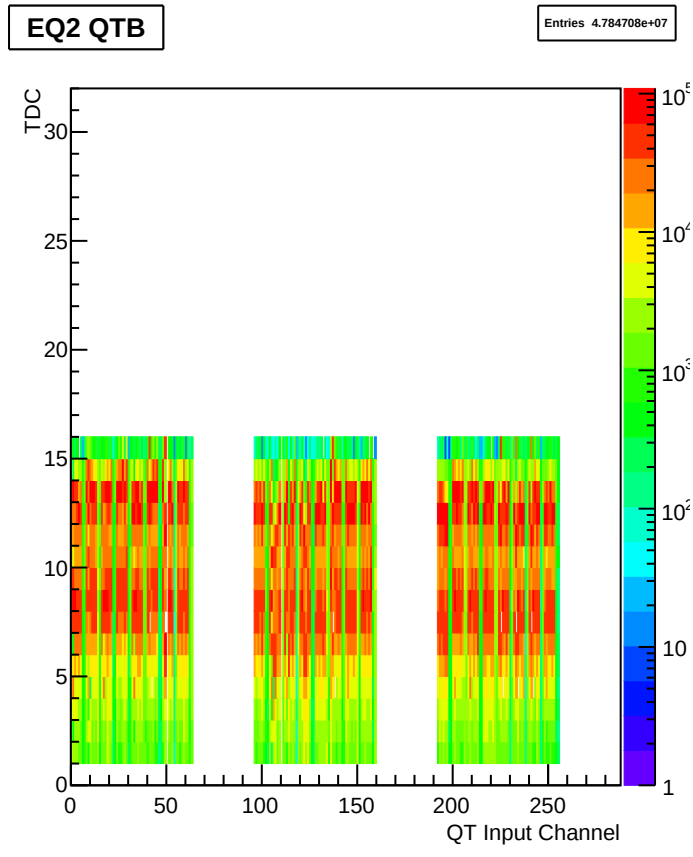

EQ1 QTB
Entries 1.511006e+08
ADC
QT Input Channel

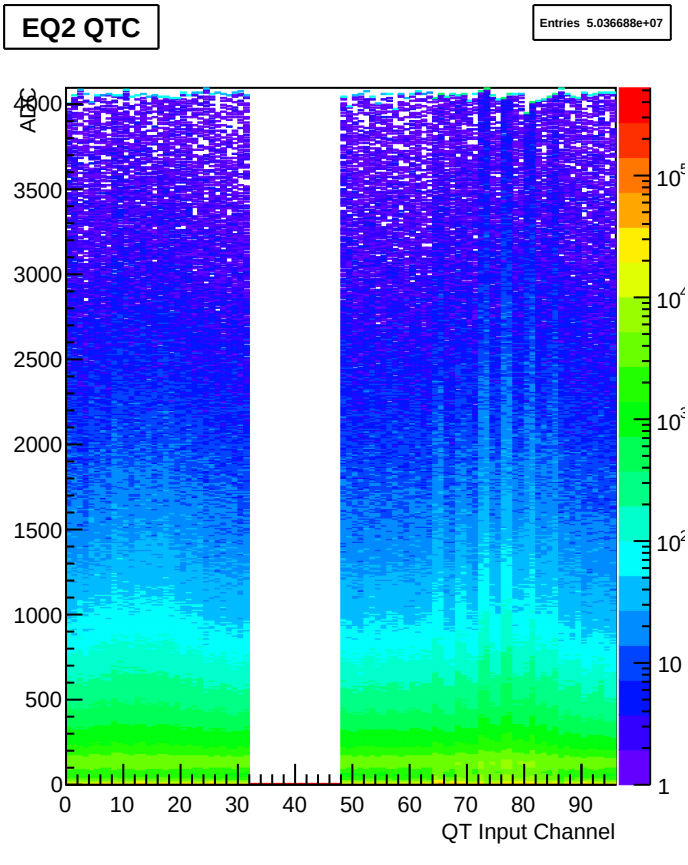

EQ1 QTB
Entries 4.955573e+07
TDC
QT Input Channel

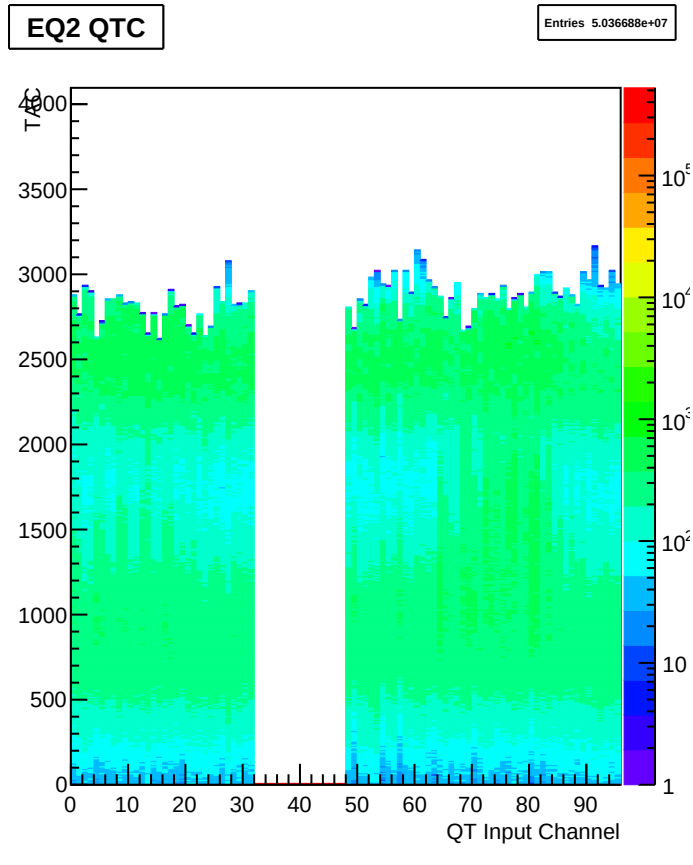

EQ1 QTC
Entries 5.036688e+07
ADC
QT Input Channel

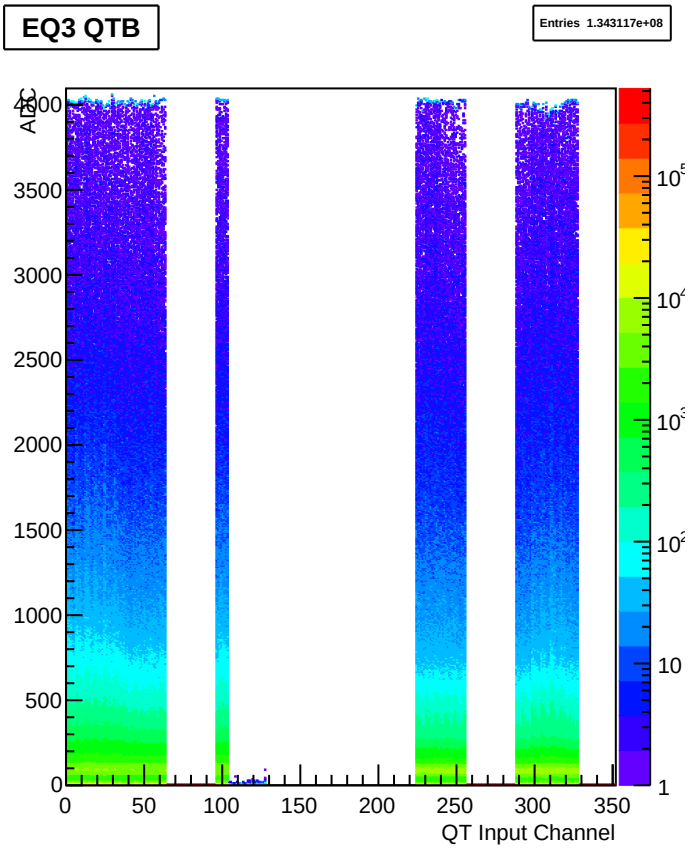

EQ1 QTC
Entries 5.036688e+07
TADC
QT Input Channel

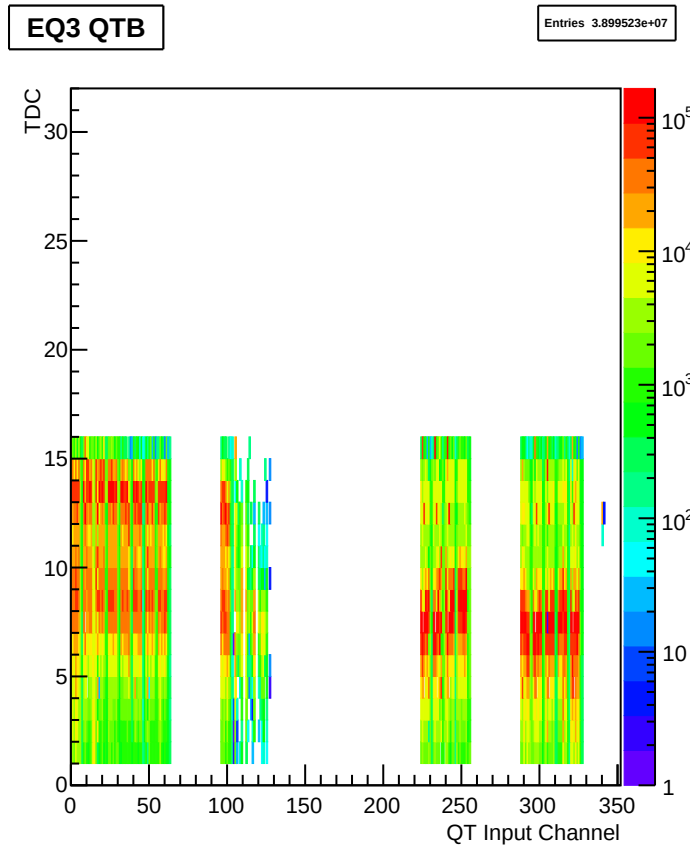

EQ2 QTB
Entries 1.511006e+08
ADC
QT Input Channel

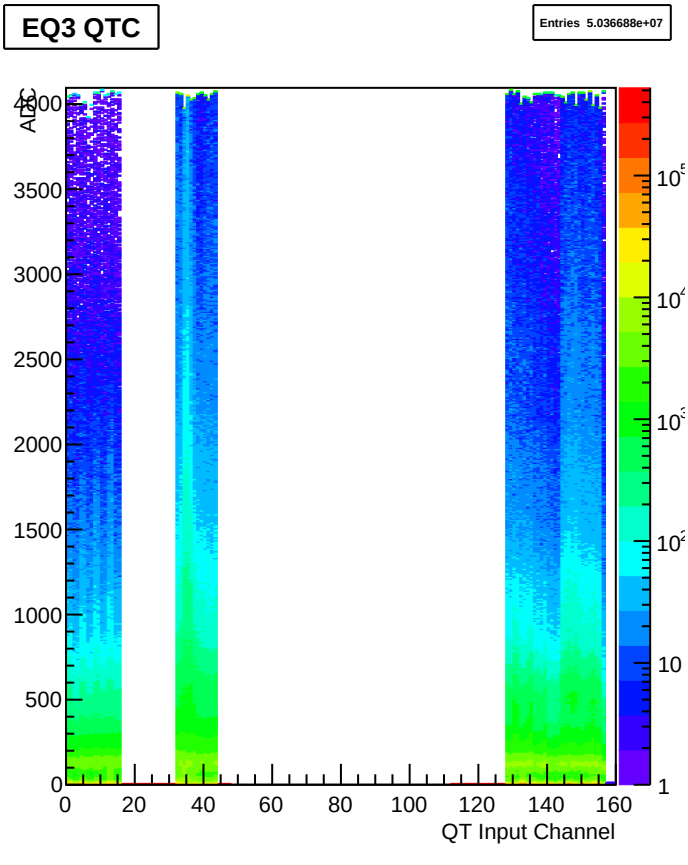

EQ2 QTB
Entries 4.784708e+07
TDC
QT Input Channel

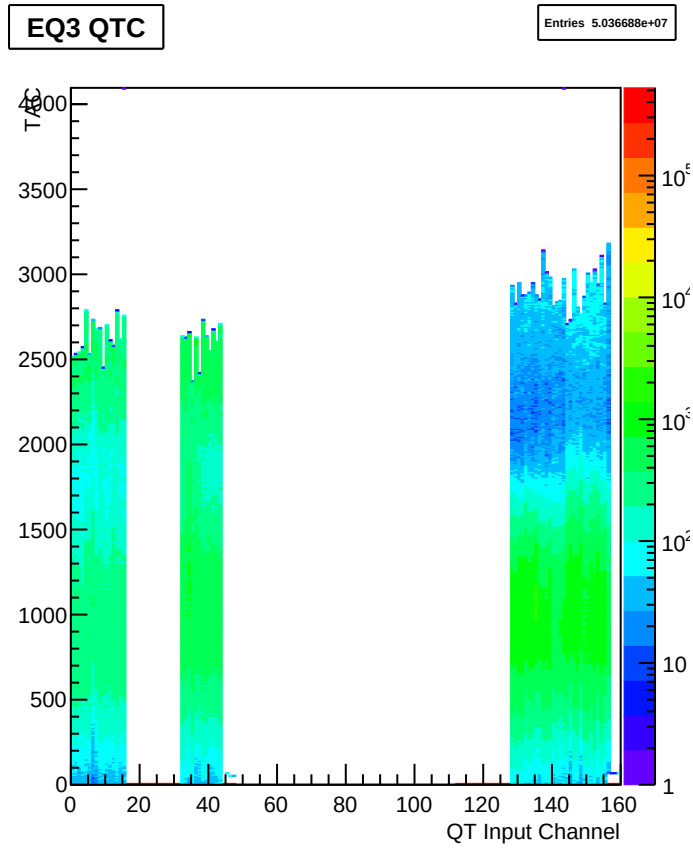

EQ2 QTC
Entries 5.036688e+07
ADC
QT Input Channel

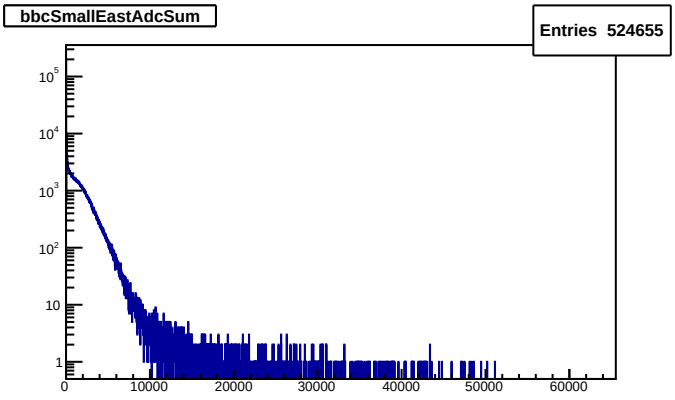

EQ2 QTC
Entries 5.036688e+07
TADC
QT Input Channel

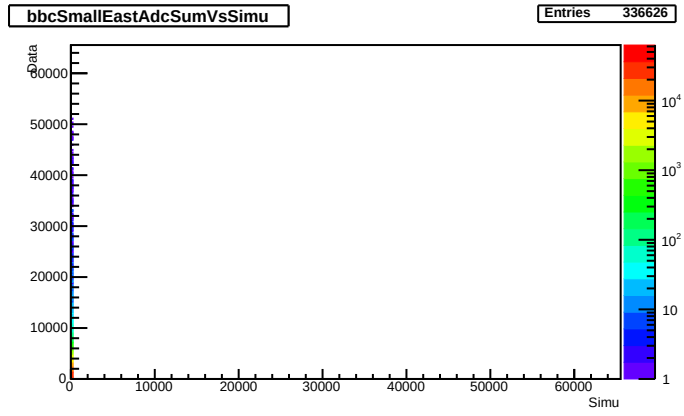

EQ3 QTB
Entries 1.343117e+08
ADC
QT Input Channel

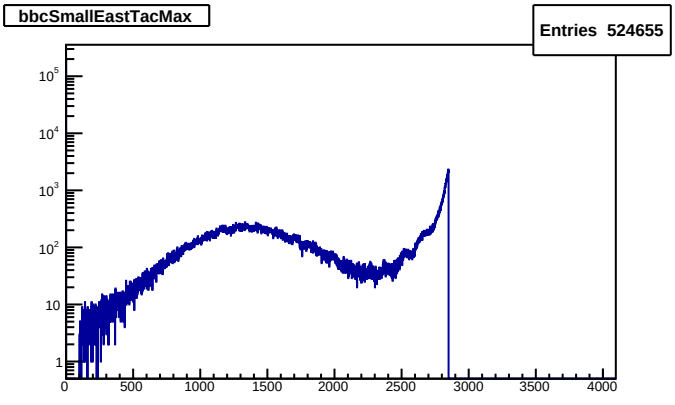

EQ3 QTB
Entries 3.899523e+07
TDC
QT Input Channel

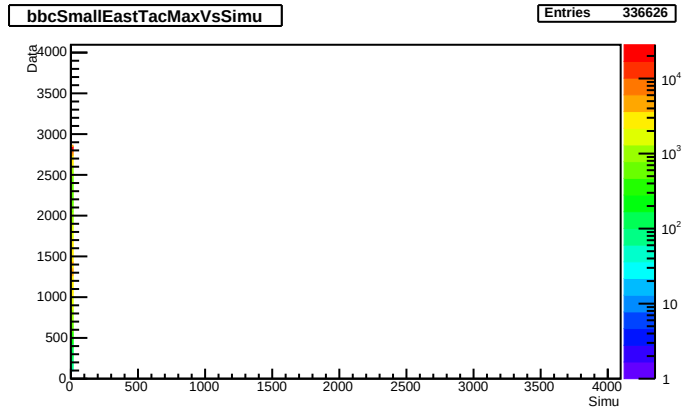

EQ3 QTC
Entries 5.036688e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.036688e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 524655


bbcSmallEastAdcSumVsSimu
Entries 336626
Data
Simu


bbcSmallEastTacMax
Entries 524655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Entries 336626
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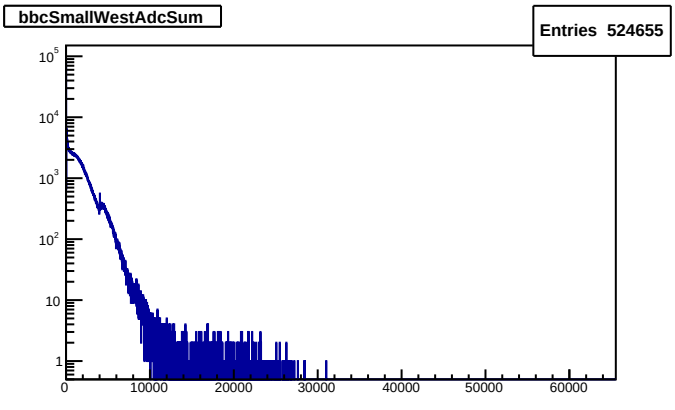
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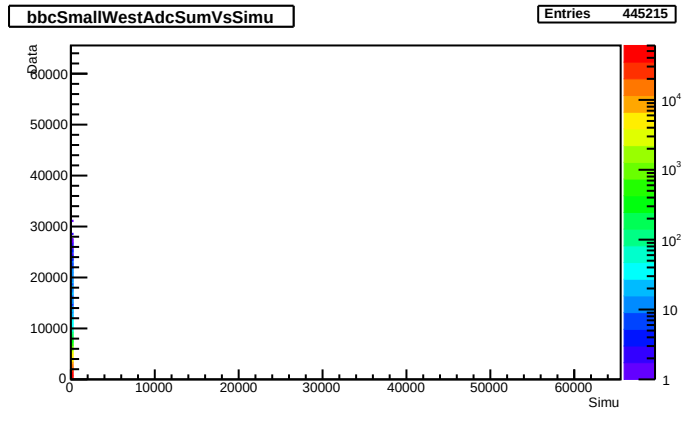
Entries 524655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Entries 445215
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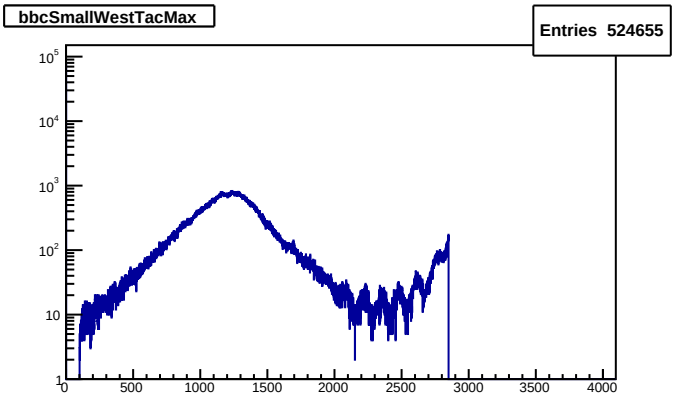
Simu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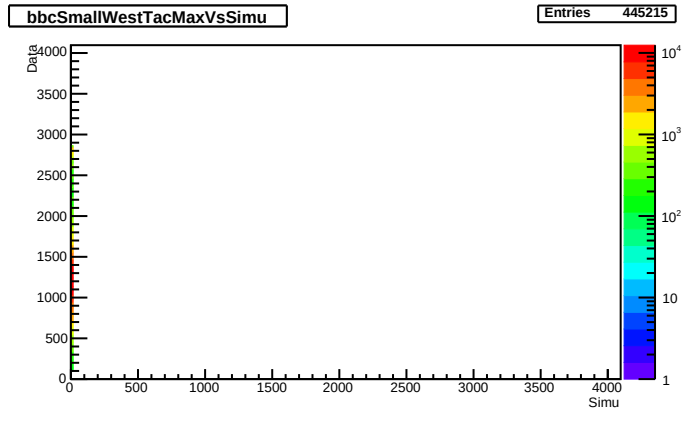
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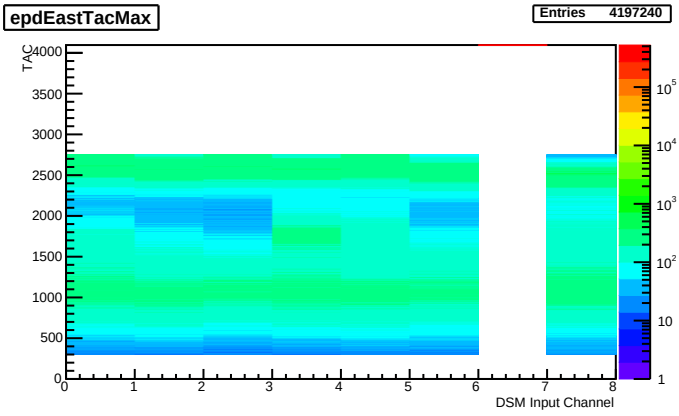
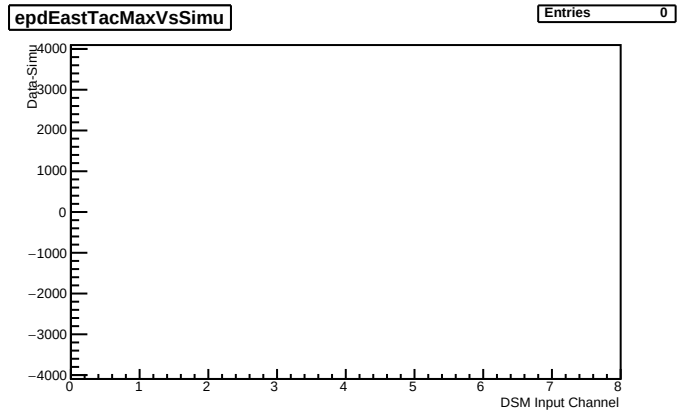
Entries 445215
Data
Simu


epdEastTacMax
Entries 4197240
TAC
DSM Input Channel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Entries 0
Data-Simu
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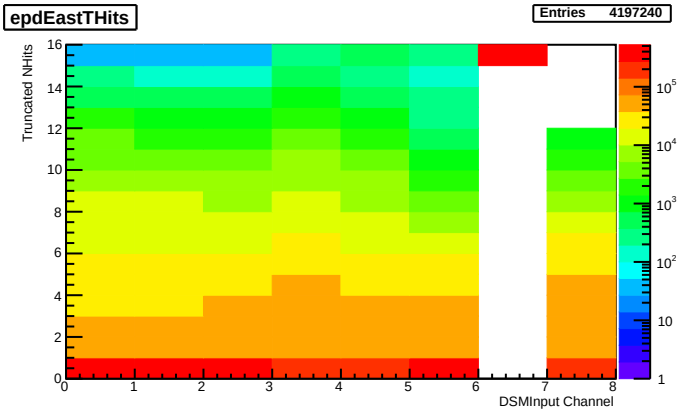
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Entries 4197240
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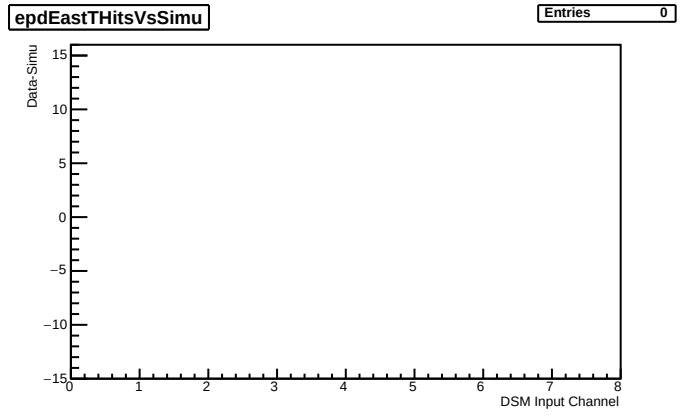
DSMInput Channel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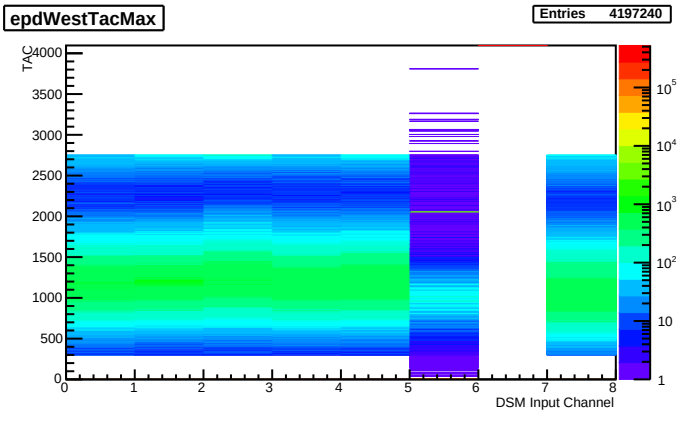
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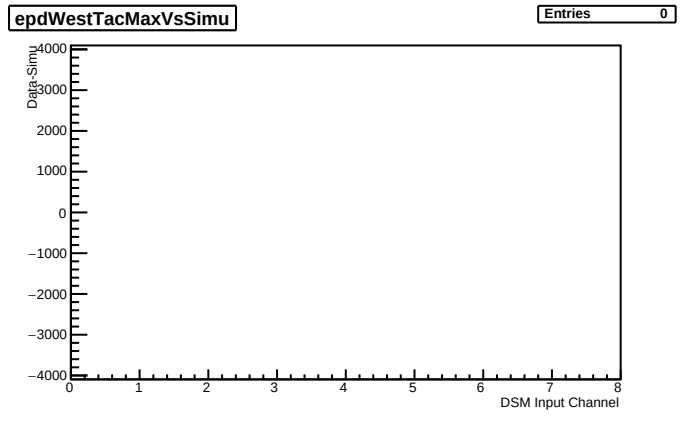
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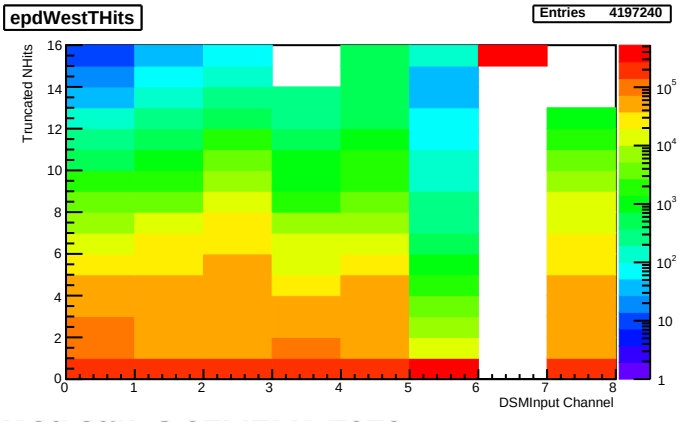
DSM Input Channel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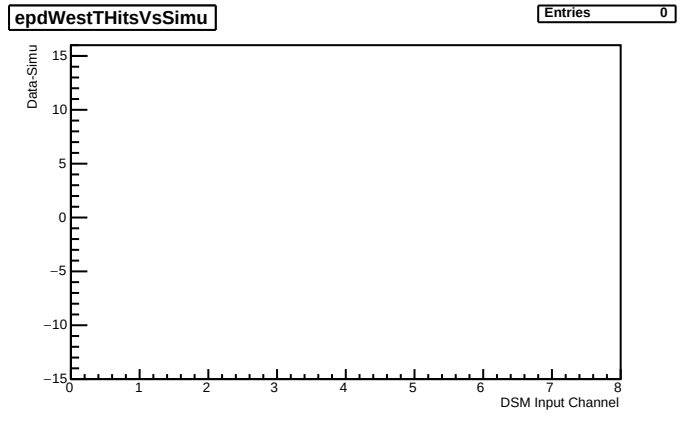
Entries 4197240
Truncated NHits
DSMInput Channel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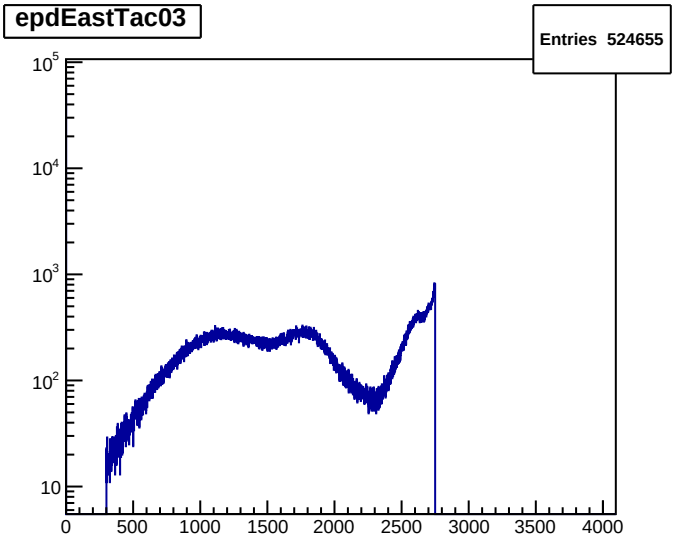
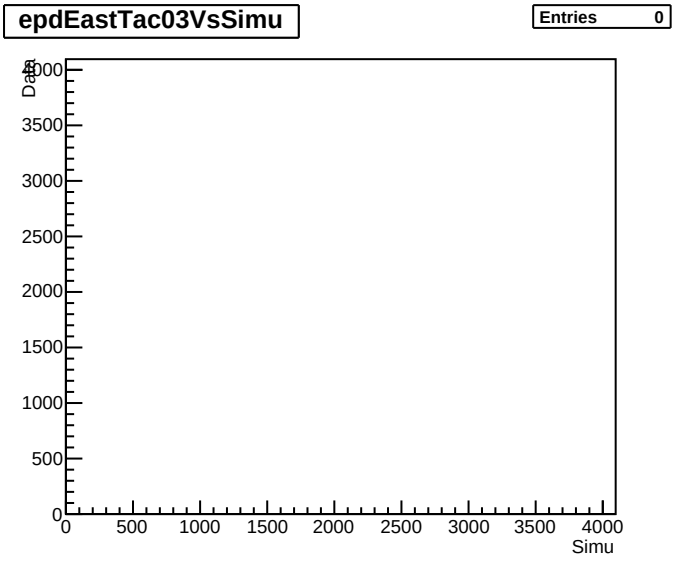
DSM Input Channel


epdEastTac03
Entries 524655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Data
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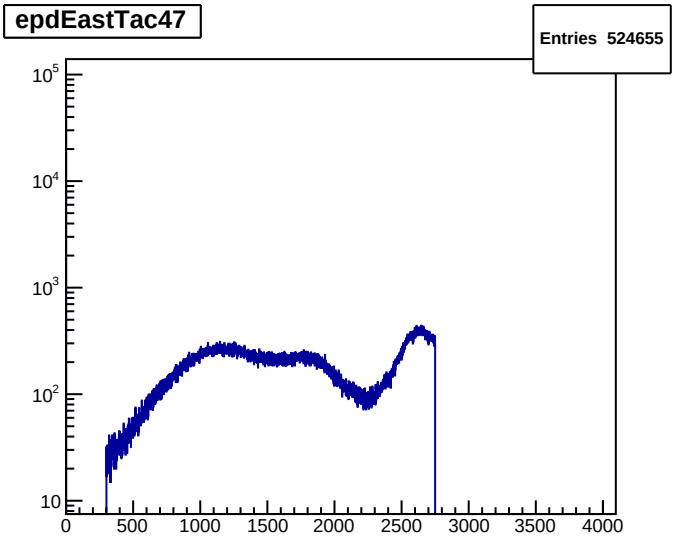
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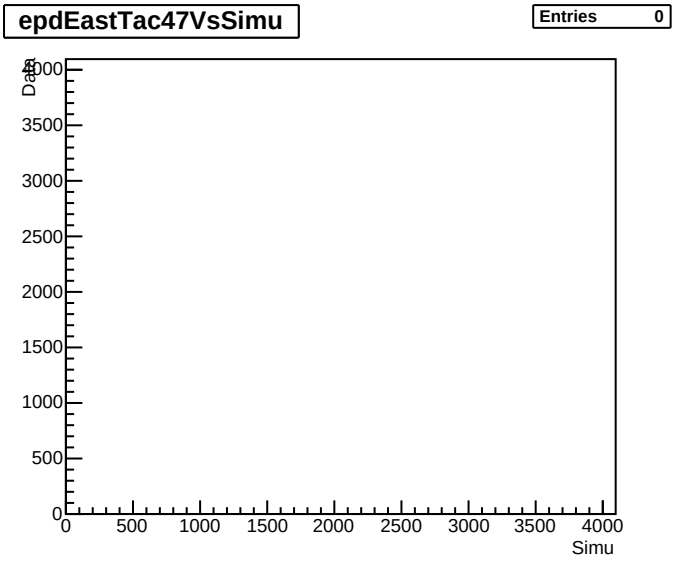
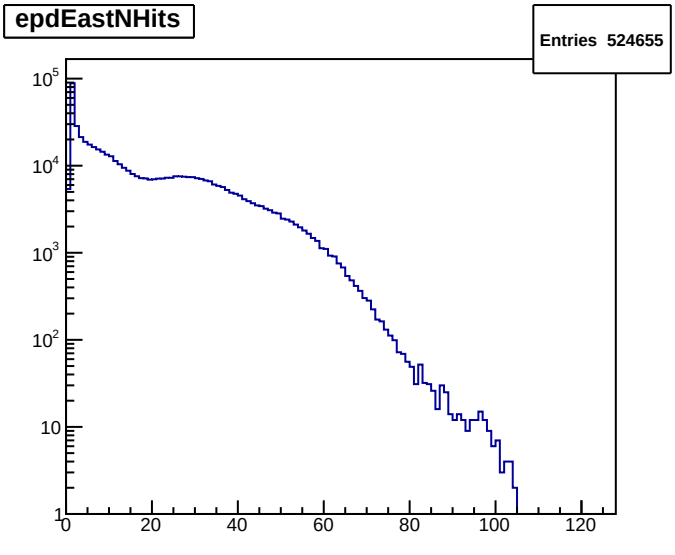
Entries 524655


epdEastTac47VsSimu
Entries 0
Data
Simu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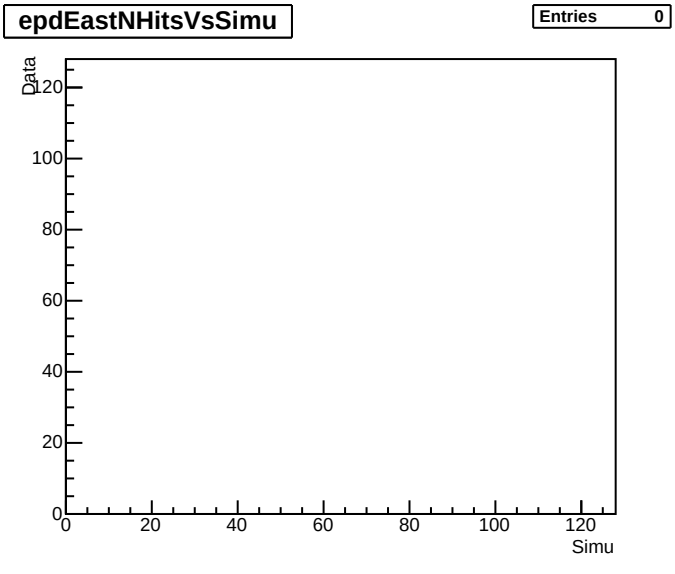
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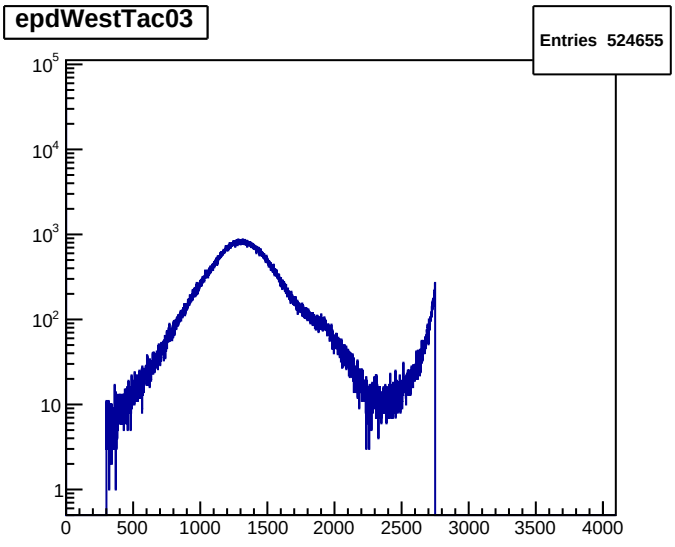
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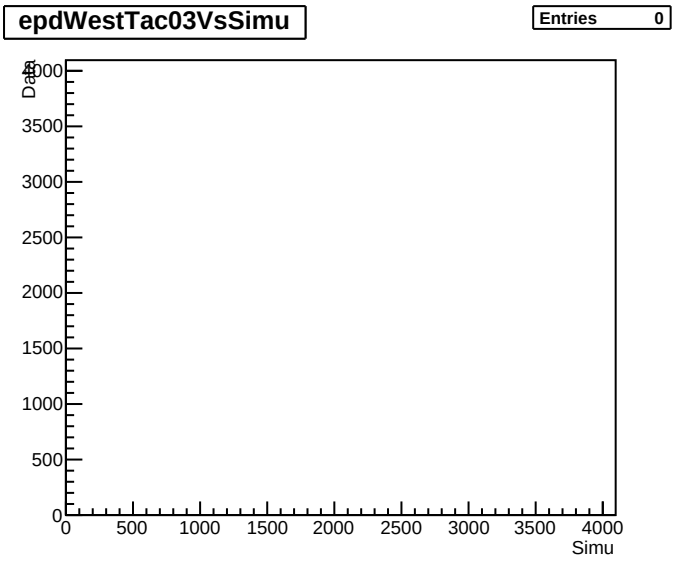
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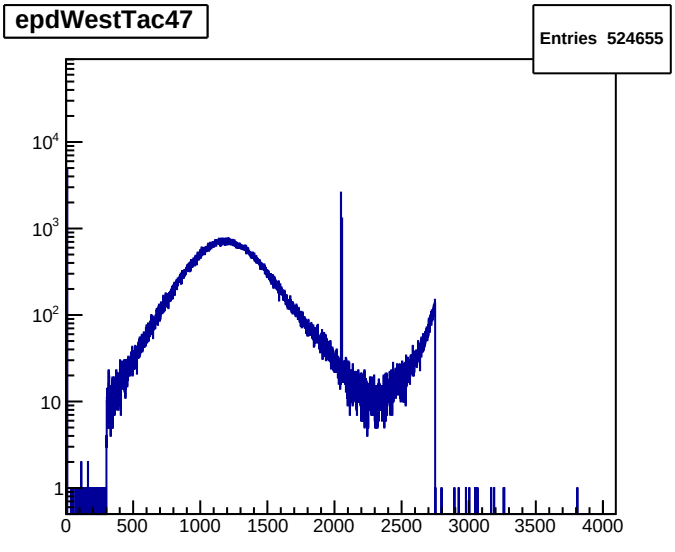
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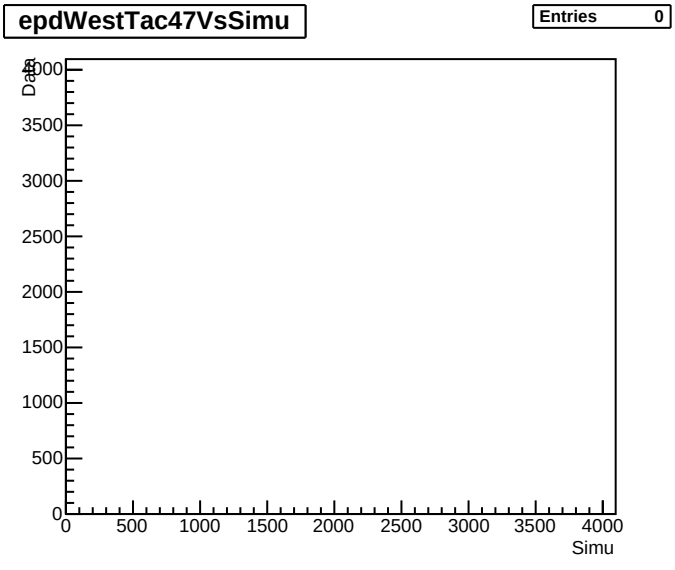
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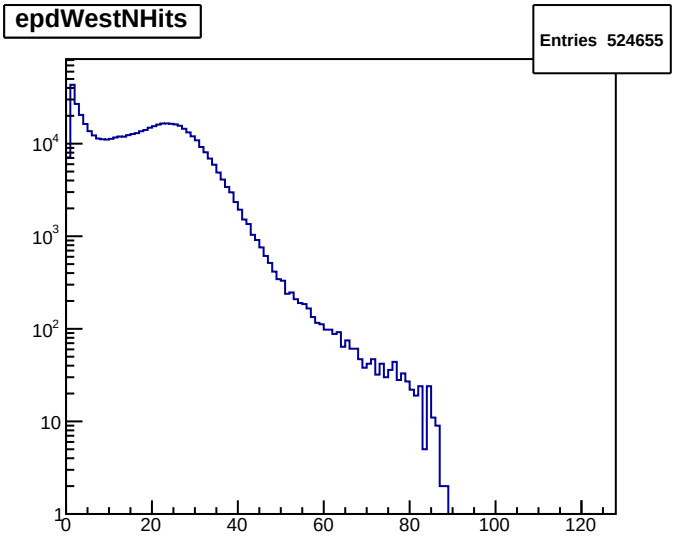
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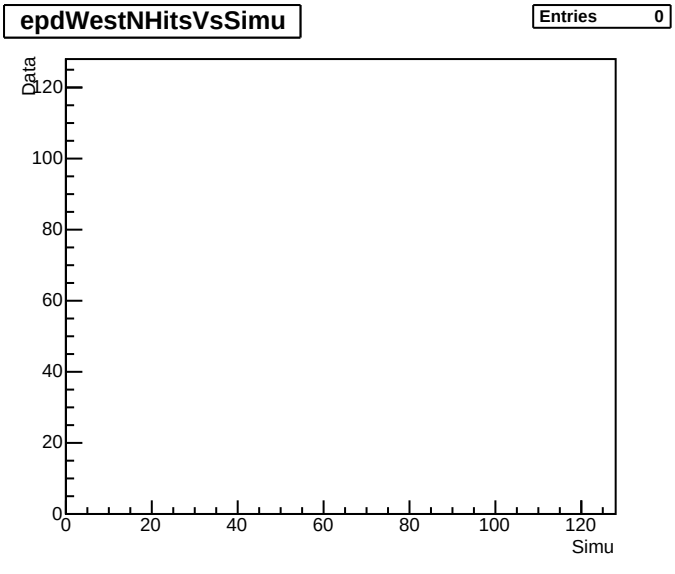
Entries 524655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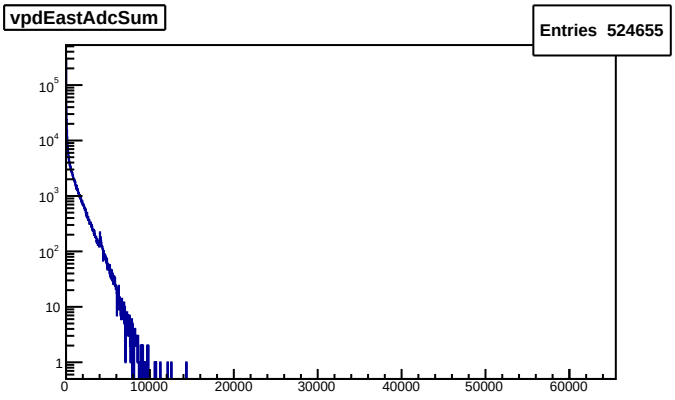
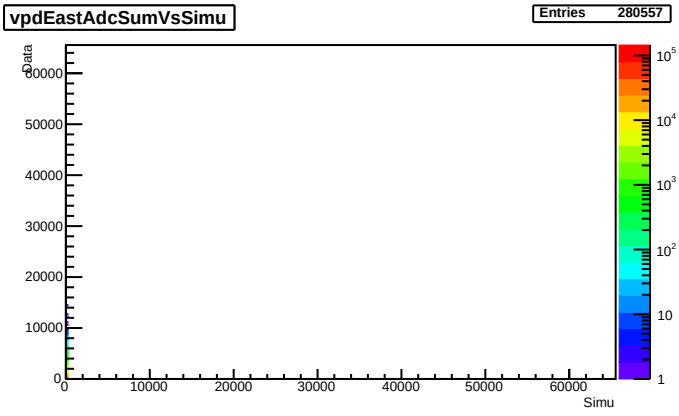
Entries 0
Data
Simu


vpdEastAdcSum
Entries 524655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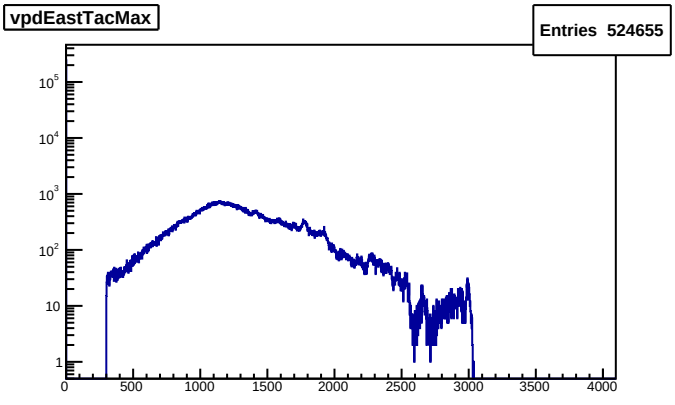
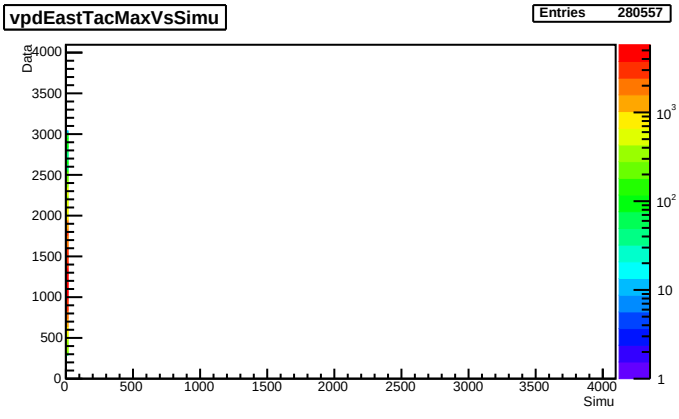
Entries 280557
Data
Simu


vpdEastTacMax
Entries 524655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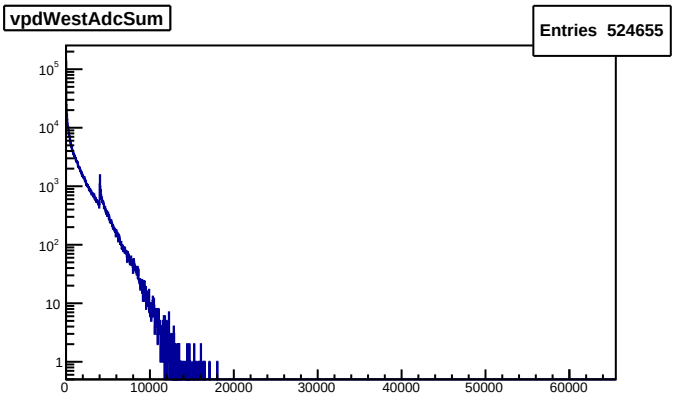
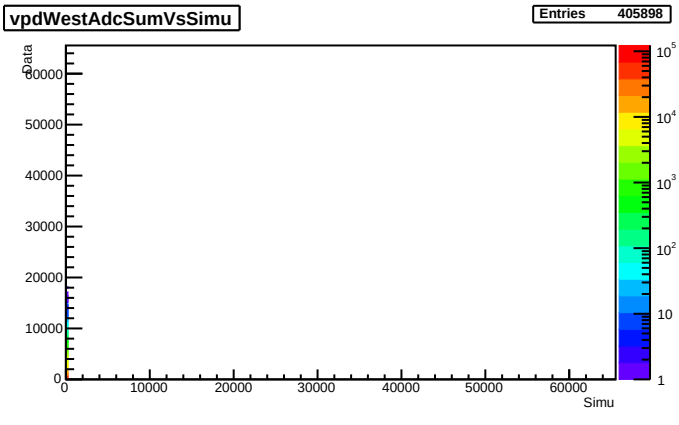
Entries 280557
Data
Simu


vpdWestAdcSum
Entries 524655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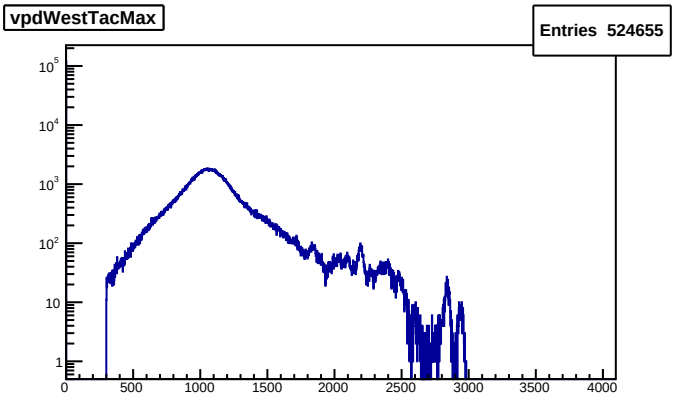
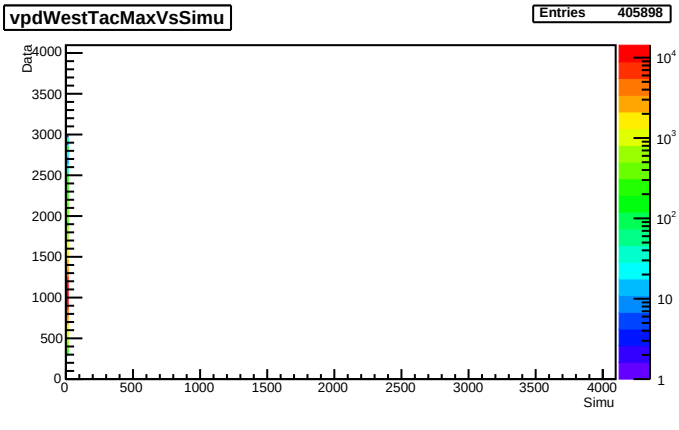
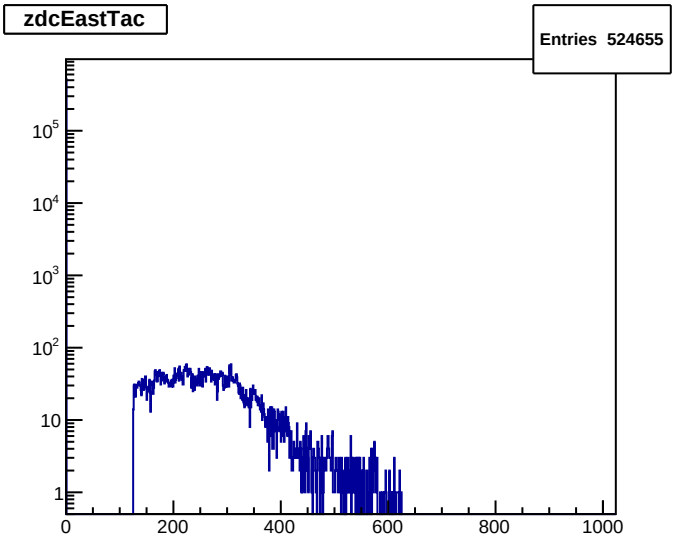
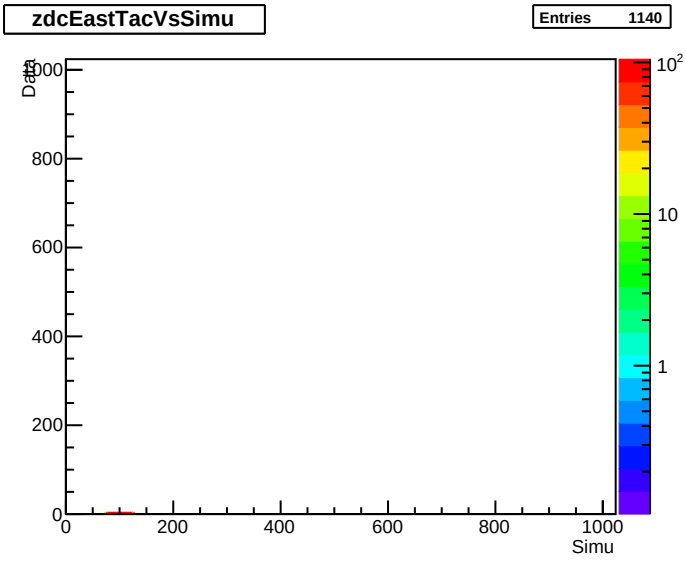
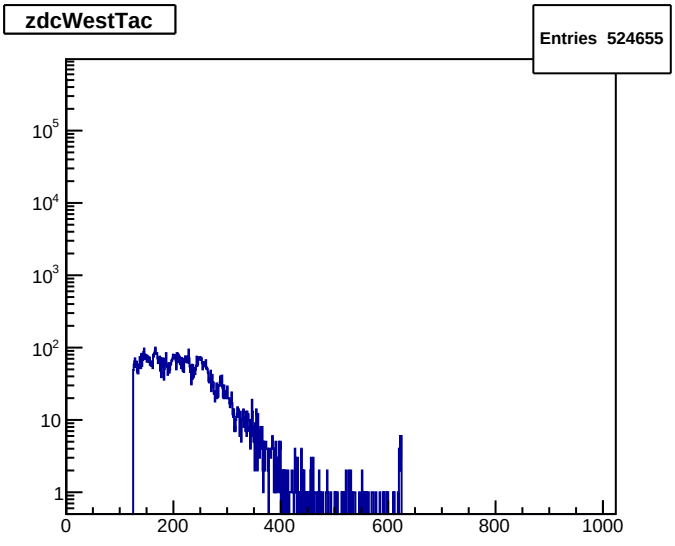
Entries 405898
Data
Simu

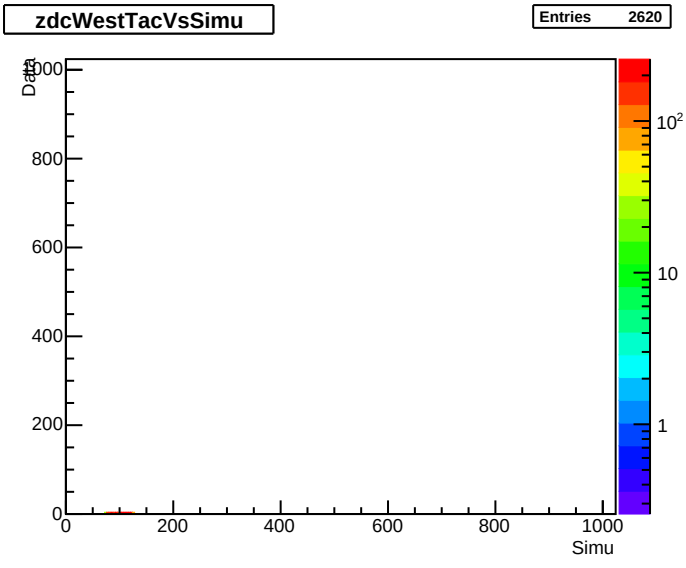

vpdWestTacMax
Entries 524655

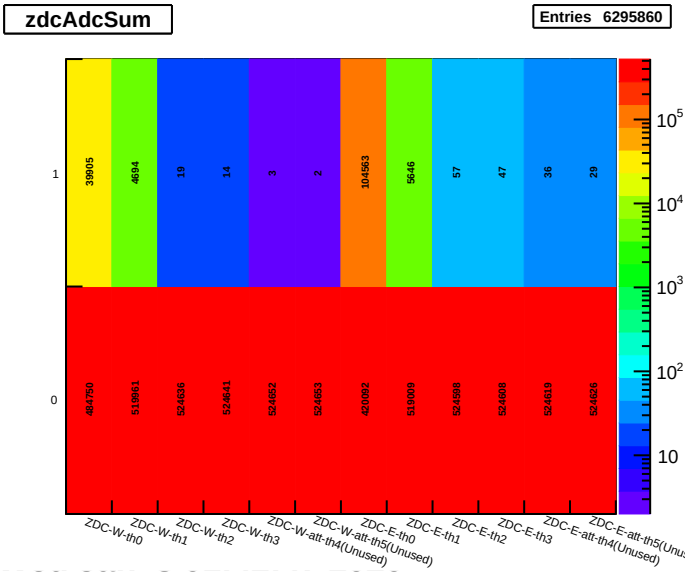

vpdWestTacMaxVsSimu
Entries 405898
Data
Simu

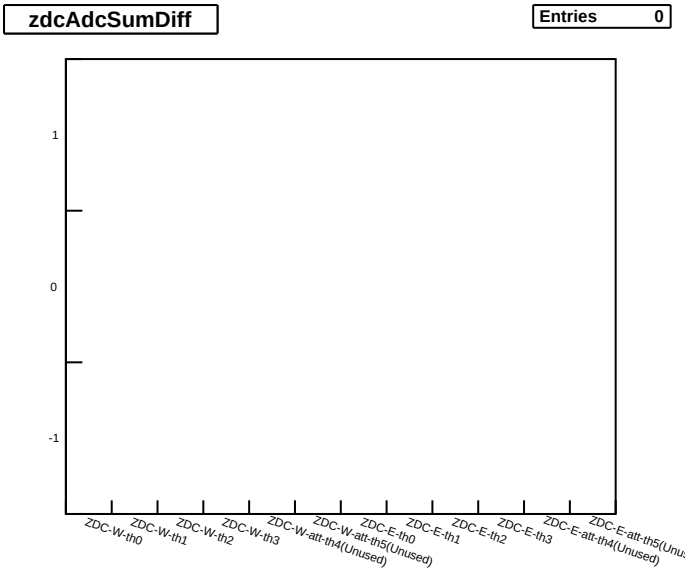

zdcEastTac
Entries 524655

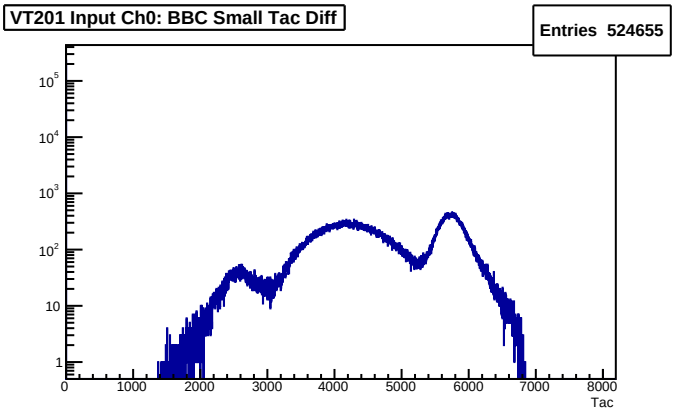

zdcEastTacVsSimu
Entries 1140
Data
Simu

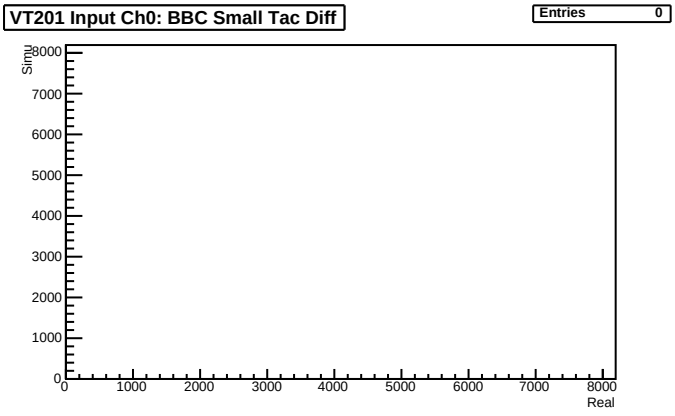

zdcWestTac
Entries 524655

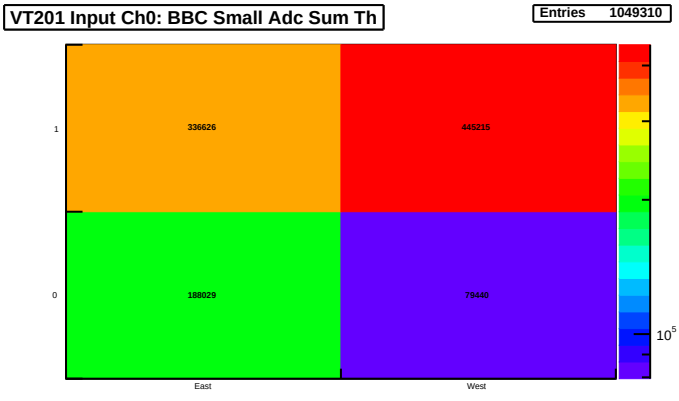

zdcWestTacVsSimu
Entries 2620
Data
Simu

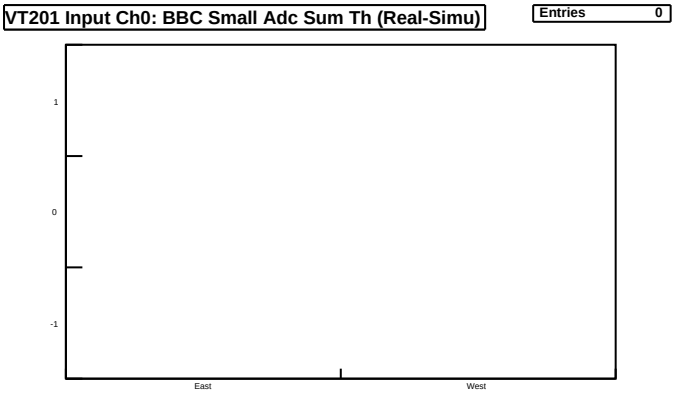

zdcAdcSum
Entries 6295860
39905
4694
19
14
3
2
104563
5646
57
47
36
29
484750
519961
524636
524641
524652
524653
420092
519009
524598
524608
524619
524626
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

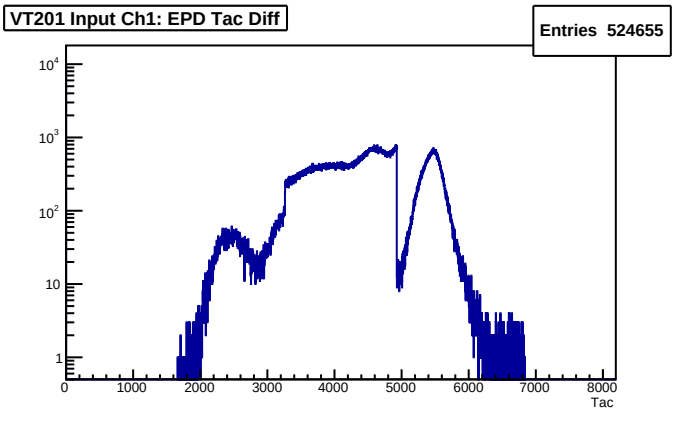

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

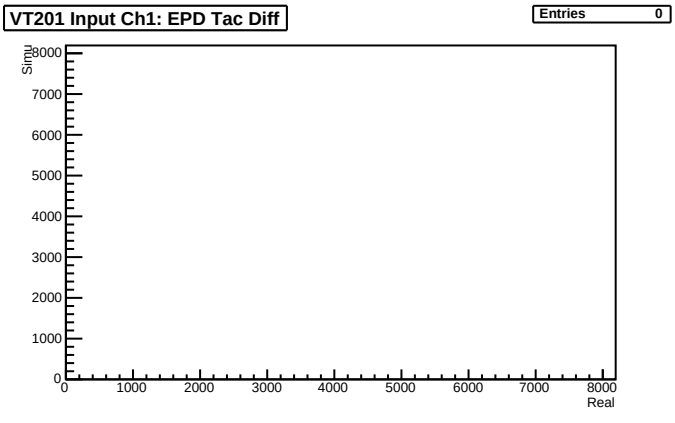

VT201 Input Ch0: BBC Small Tac Diff
Entries 524655
Tac

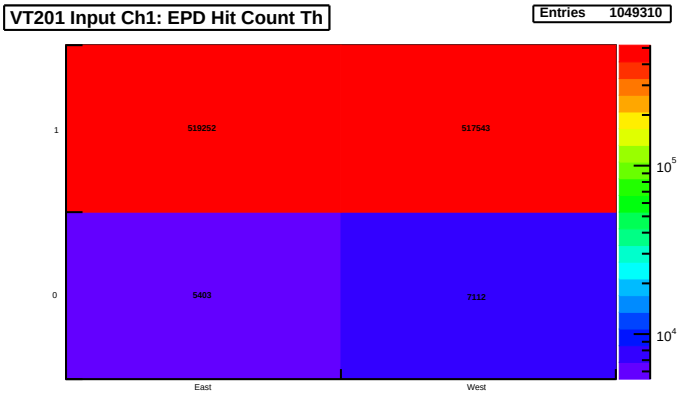

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

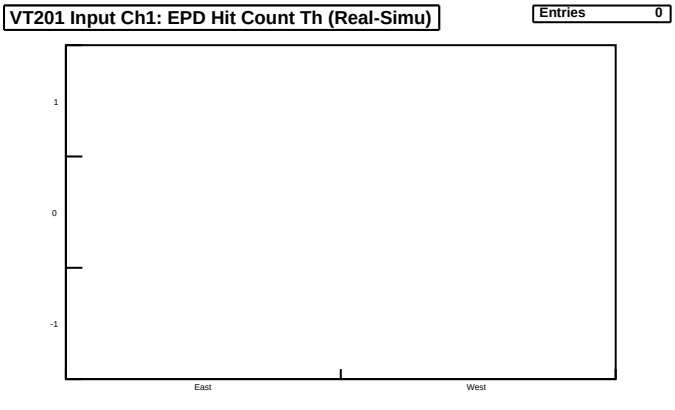

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1049310
336626
445215
188029
79440
East
West

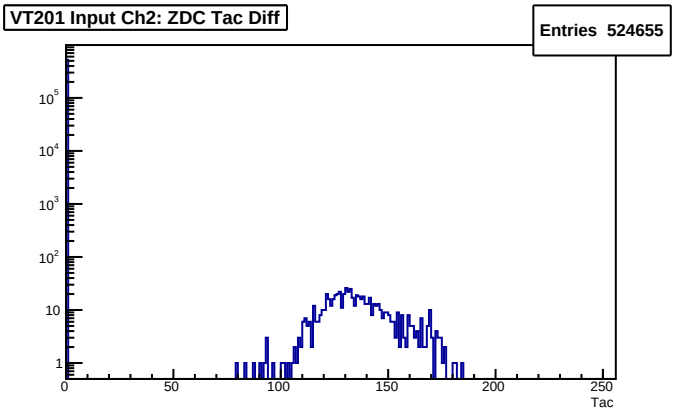

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

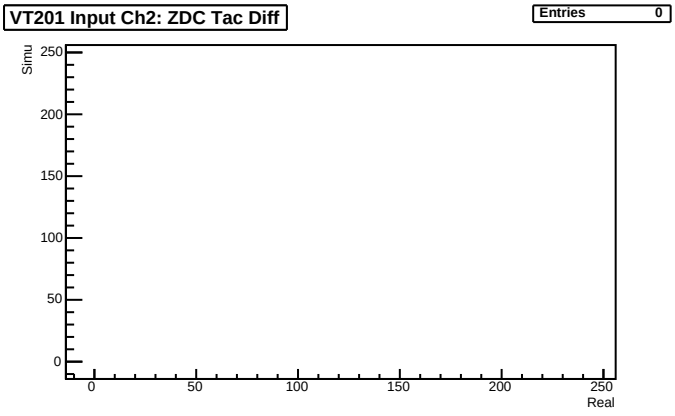

VT201 Input Ch1: EPD Tac Diff
Entries 524655
Tac

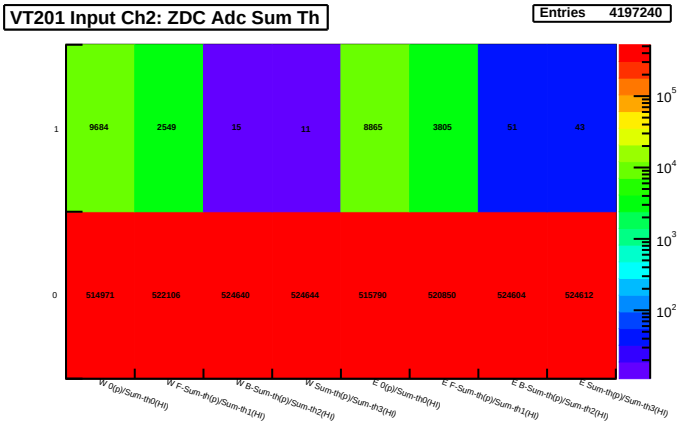

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

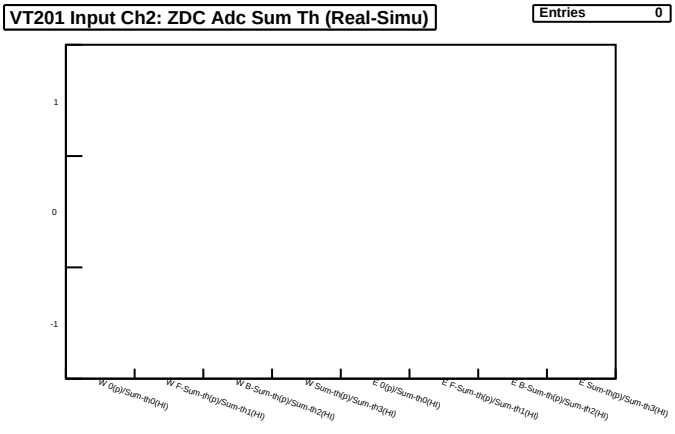

VT201 Input Ch1: EPD Hit Count Th
Entries 1049310
519252
517543
5403
7112
East
West

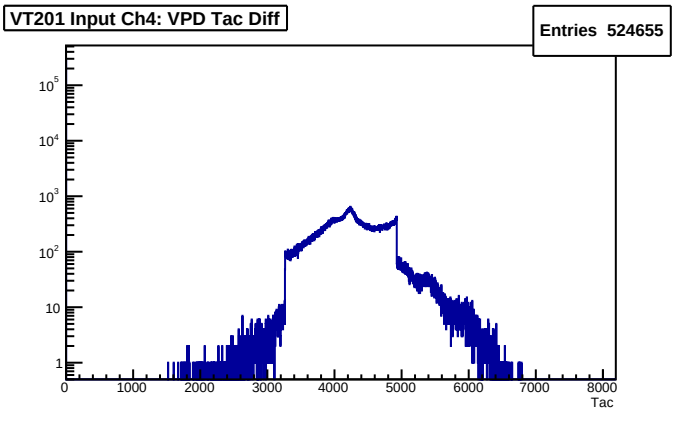

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

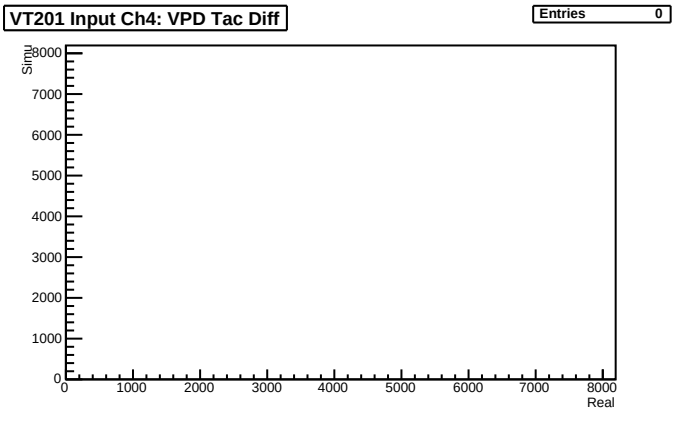

VT201 Input Ch2: ZDC Tac Diff
Entries 524655
Tac

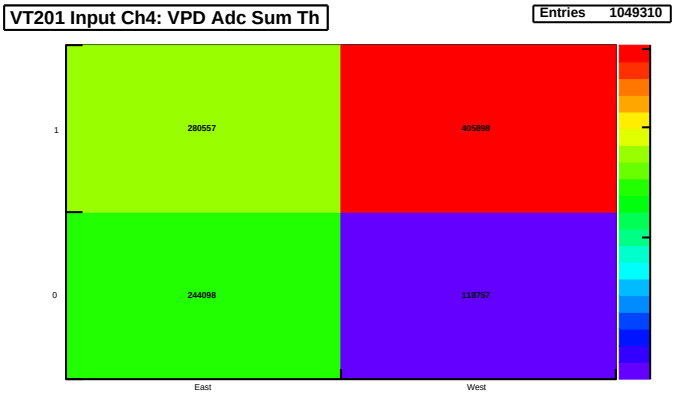

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

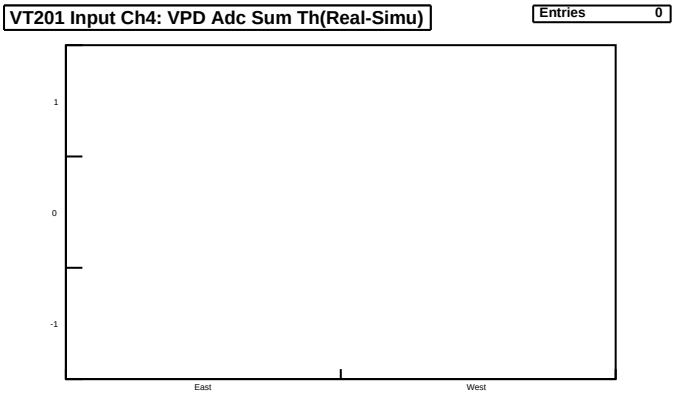

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4197240
9684
2549
15
11
8865
3805
51
43
514971
522106
524640
524644
515790
520850
524604
524612
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

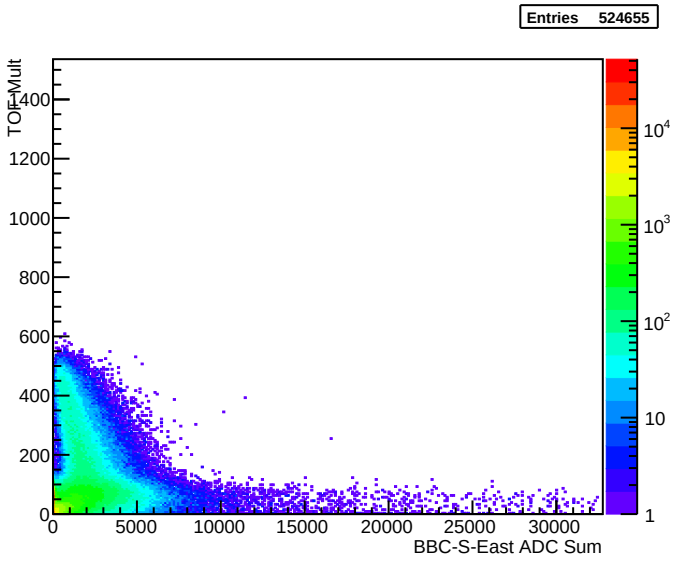

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

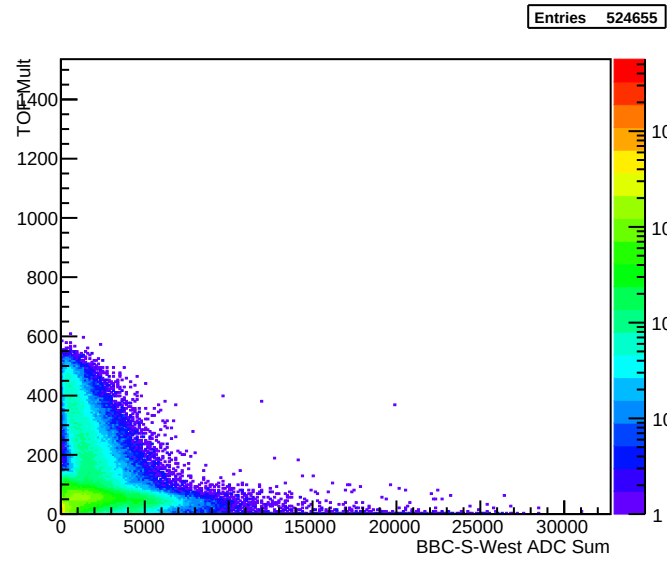

VT201 Input Ch4: VPD Tac Diff
Entries 524655
Tac

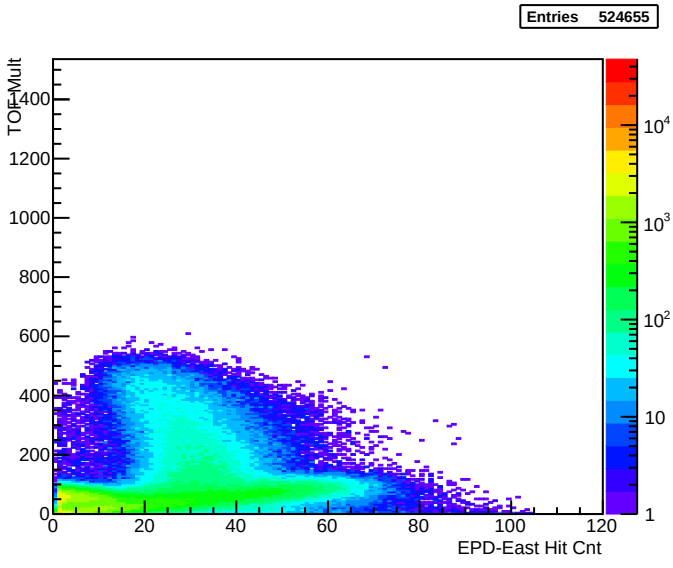

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

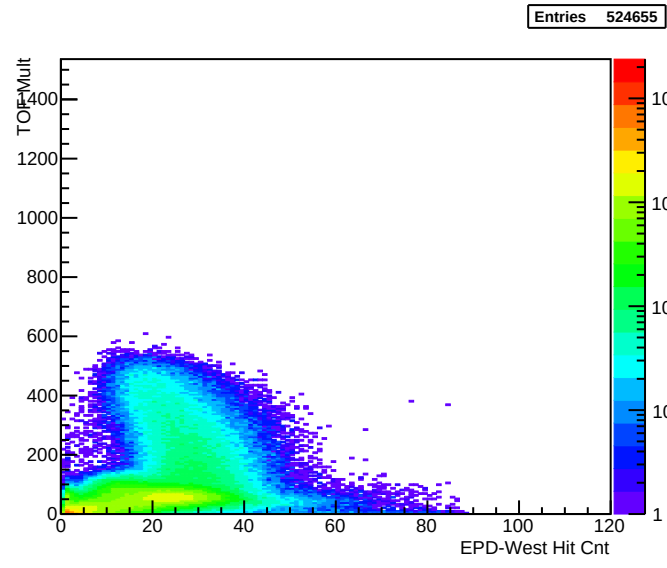

VT201 Input Ch4: VPD Adc Sum Th
Entries 1049310
280557
405898
244098
119757
East
West

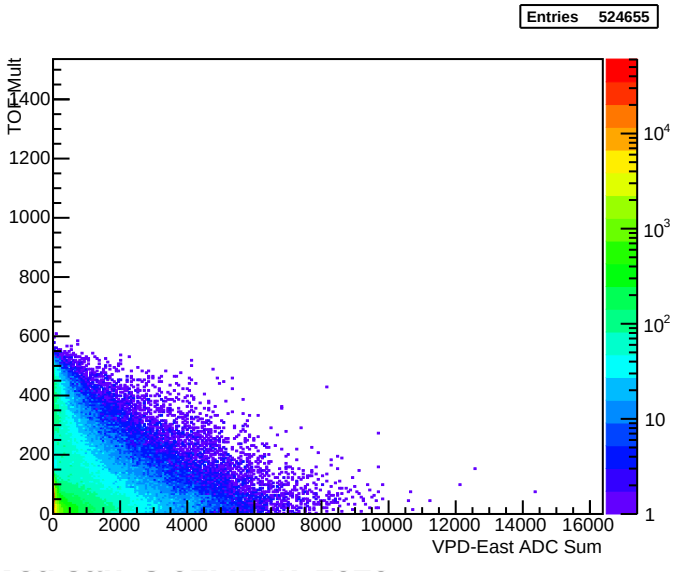

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

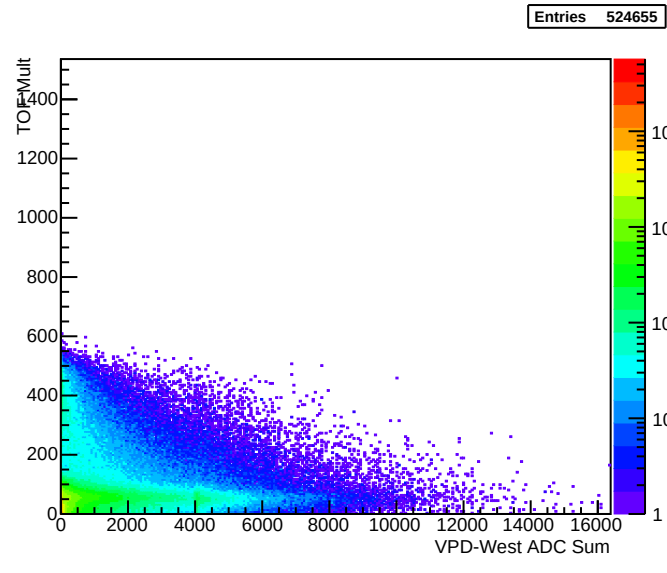

Entries 524655
TOF-Mult
BBC-S-East ADC Sum

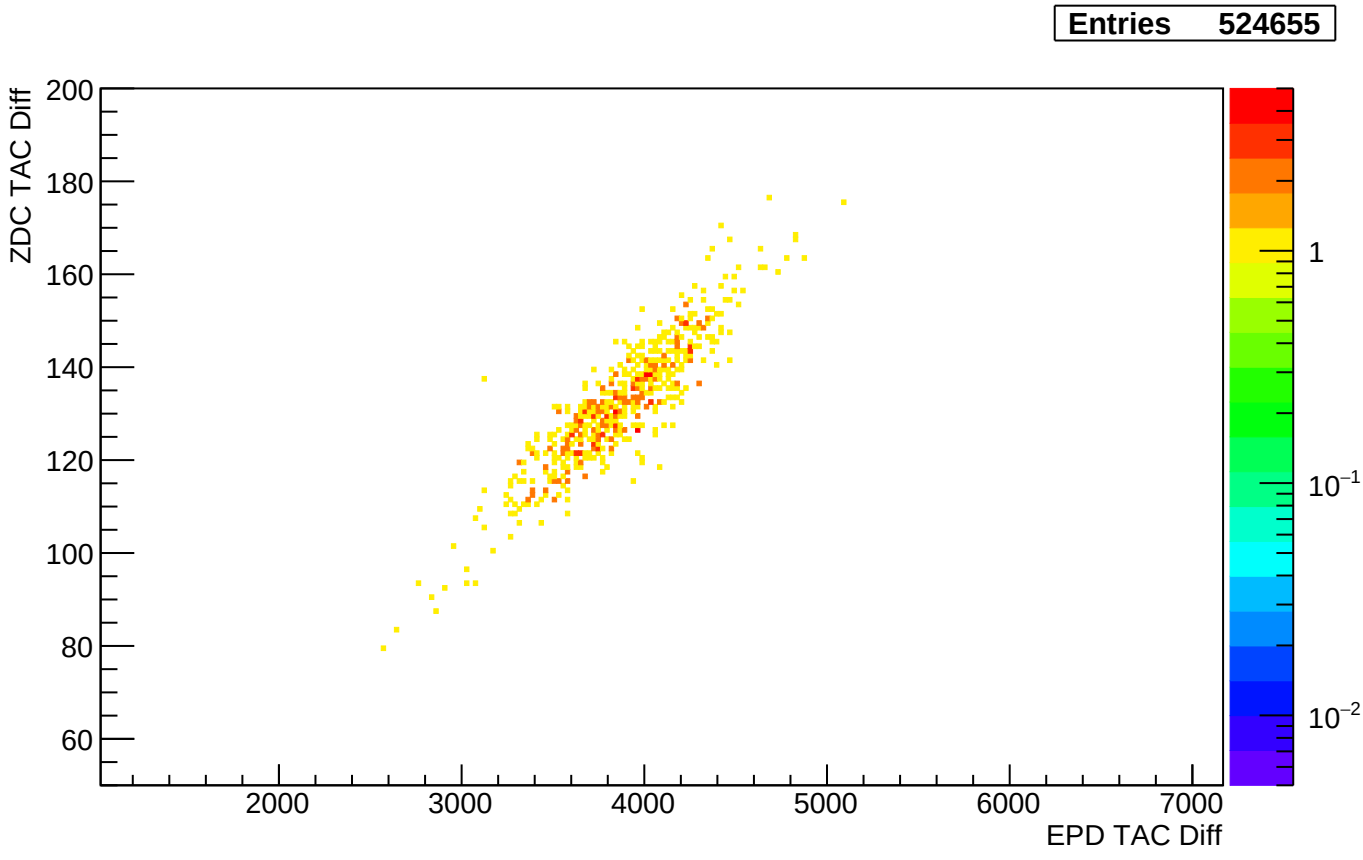

Entries 524655
TOF-Mult
BBC-S-West ADC Sum

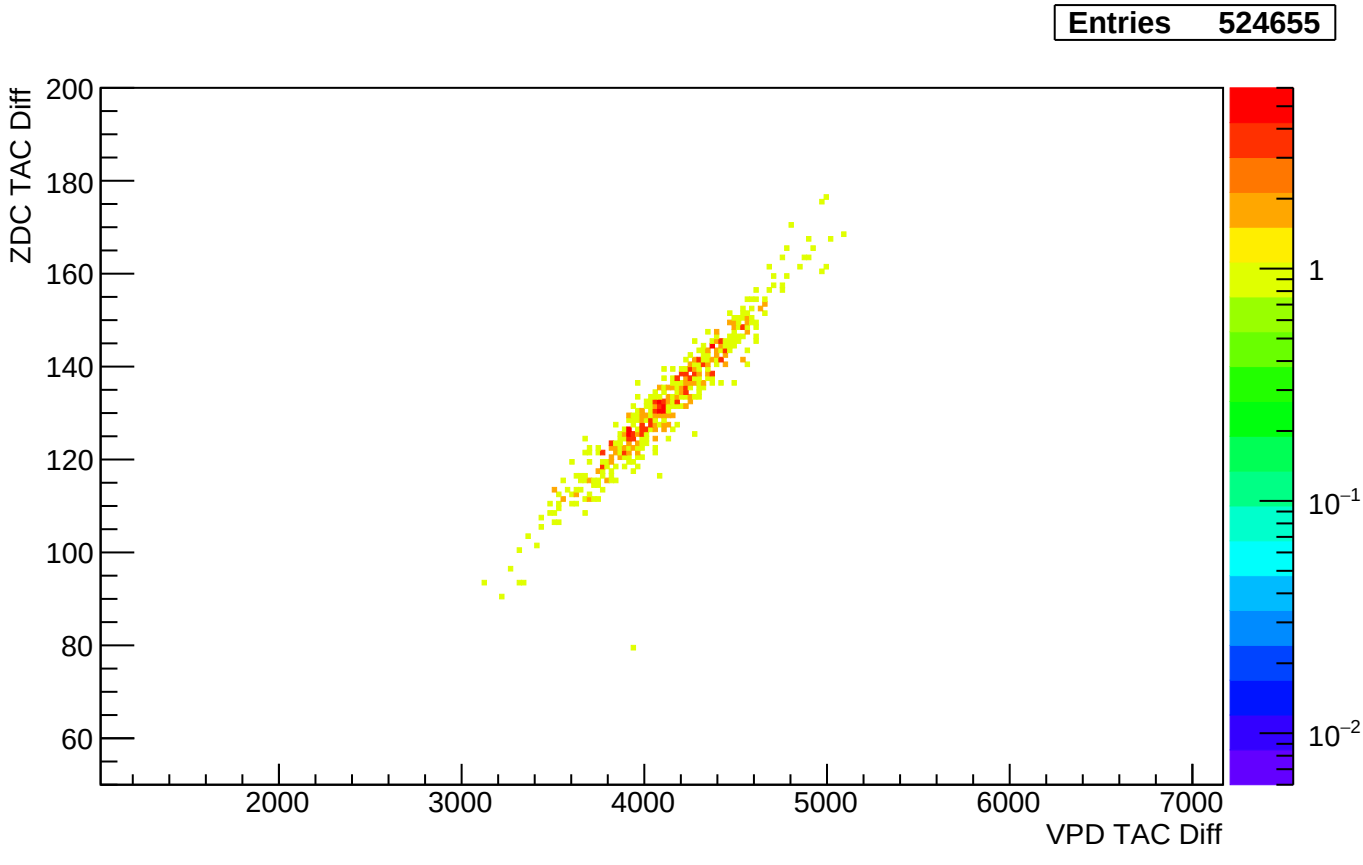

Entries 524655
TOF-Mult
EPD-East Hit Cnt

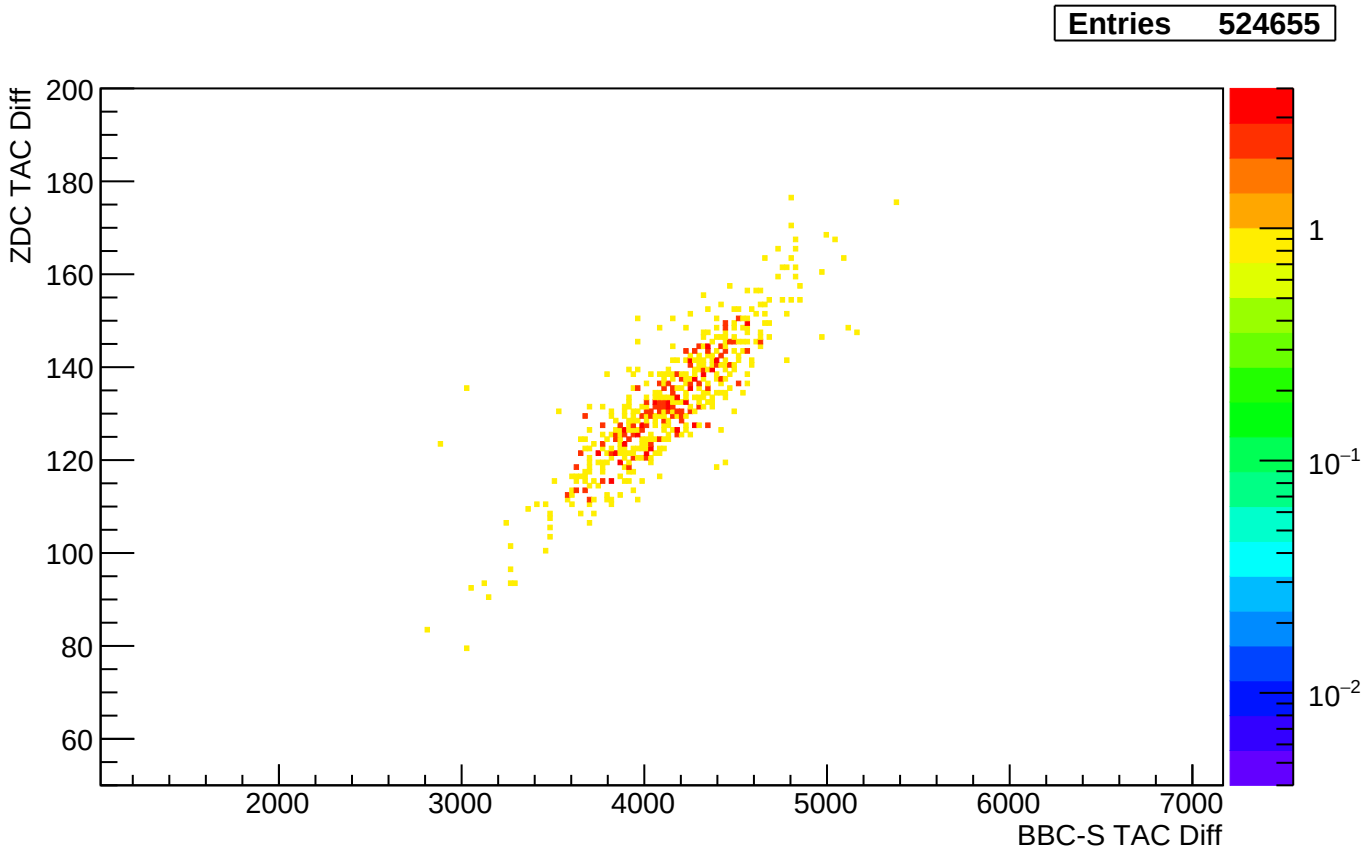

Entries 524655
TOF-Mult
EPD-West Hit Cnt

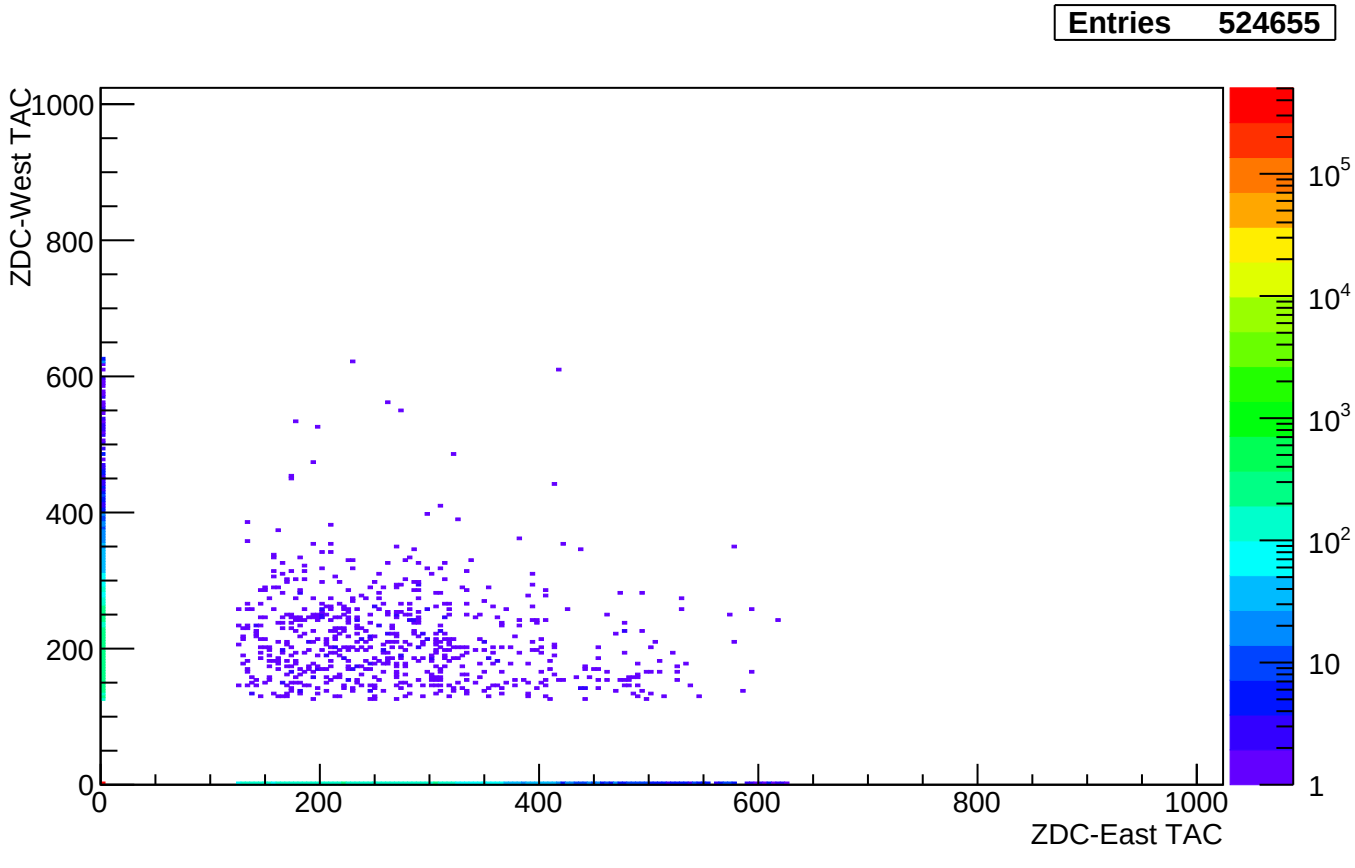

Entries 524655
TOF-Mult
VPD-East ADC Sum

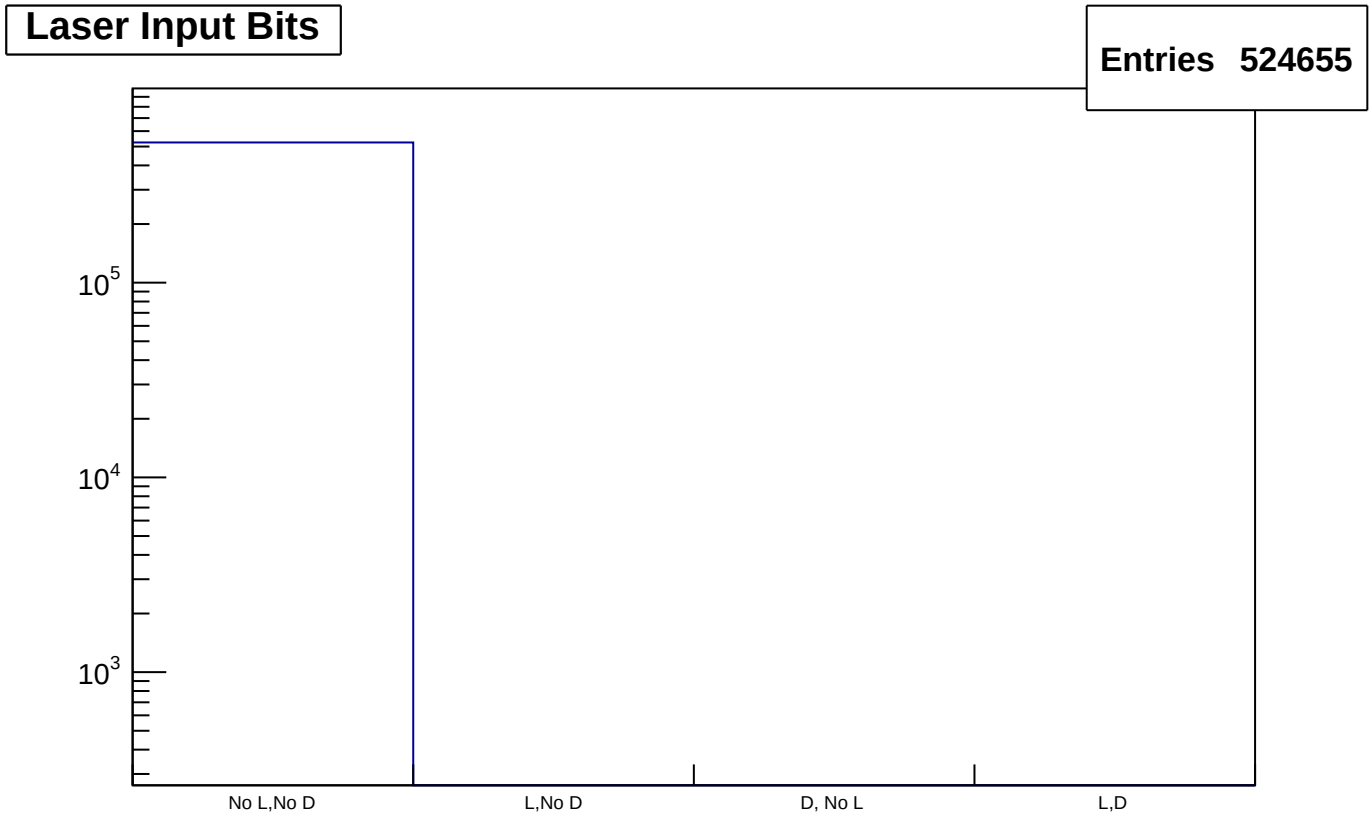

Entries 524655
TOF-Mult
VPD-West ADC Sum

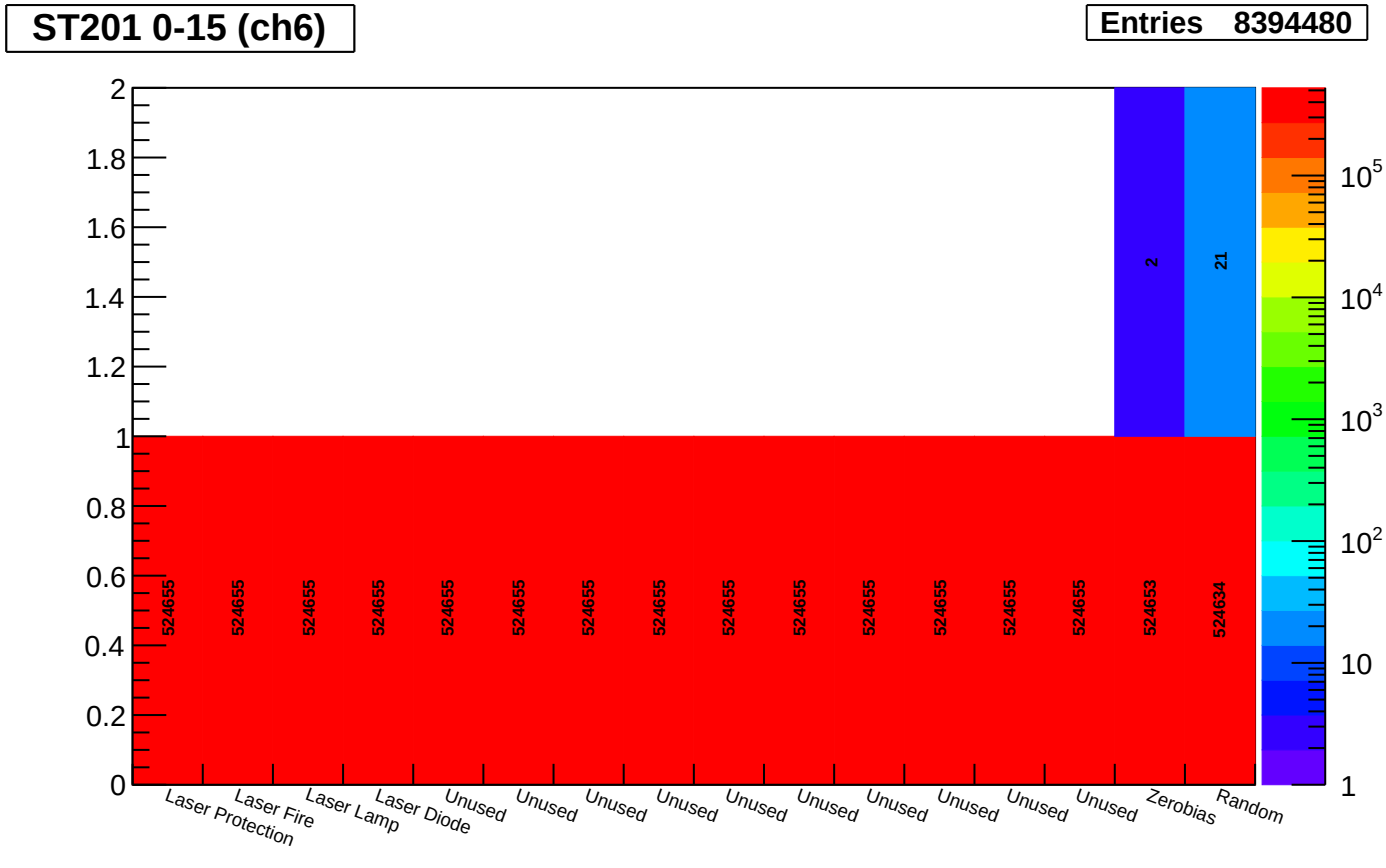

Entries 524655
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

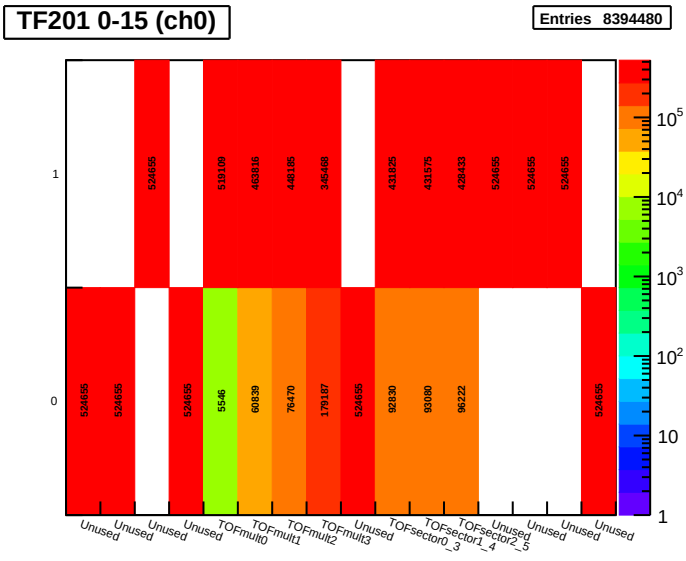

Entries 524655
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

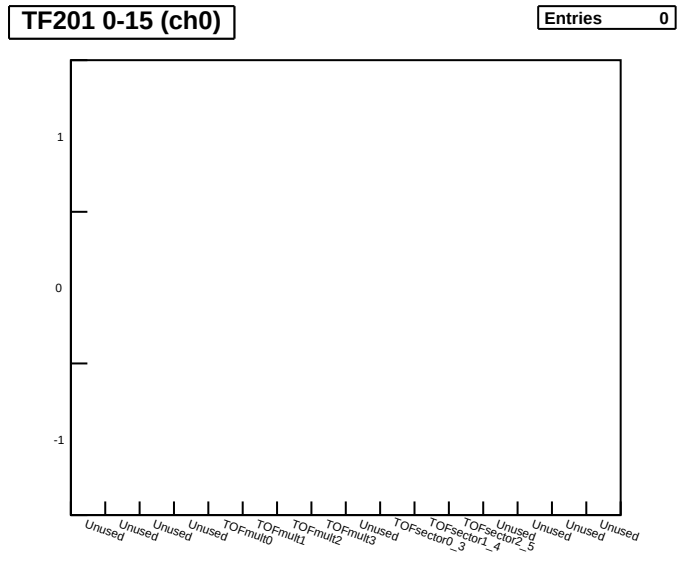

Entries 524655
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

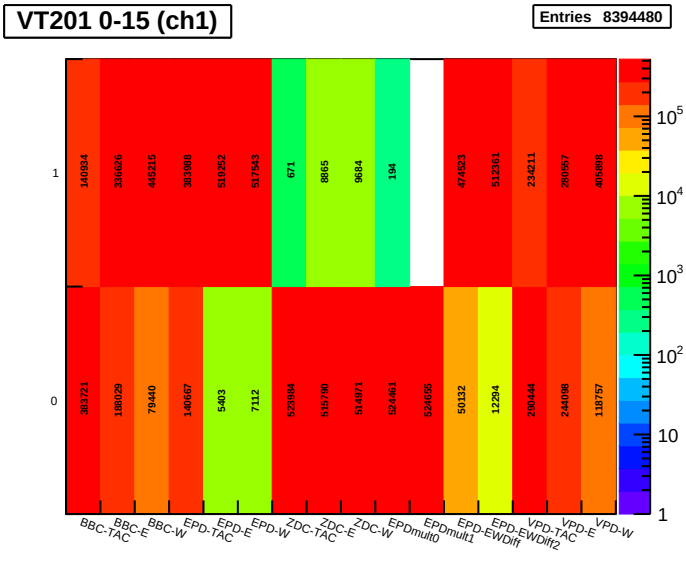

Entries 524655
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

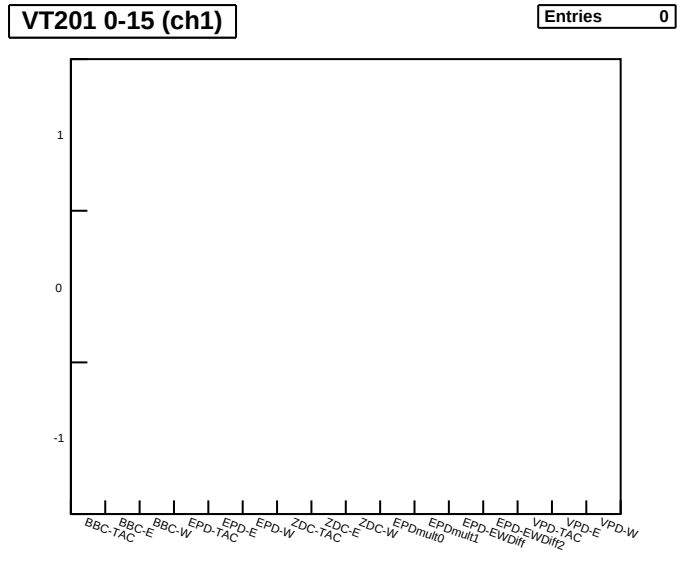

Laser Input Bits
Entries 524655
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

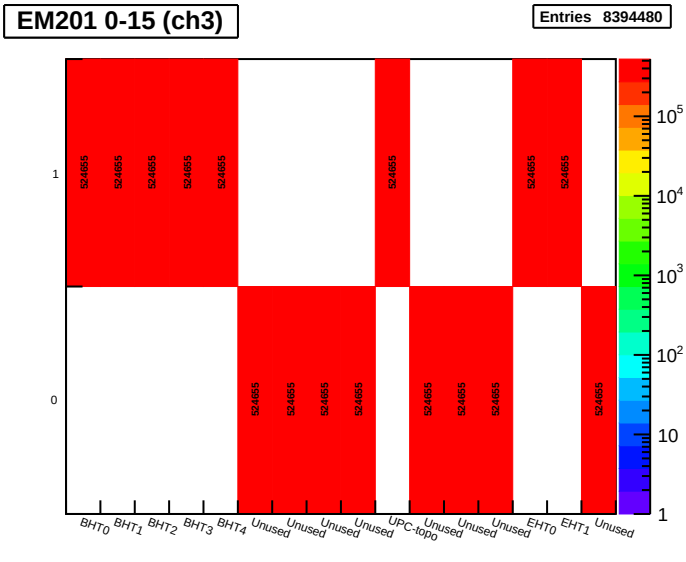

ST201 0-15 (ch6)
Entries 8394480
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
524655
524655
524655
524655
524655
524655
524655
524655
524655
524655
524655
524655
524655
524655
524653
524634
2
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

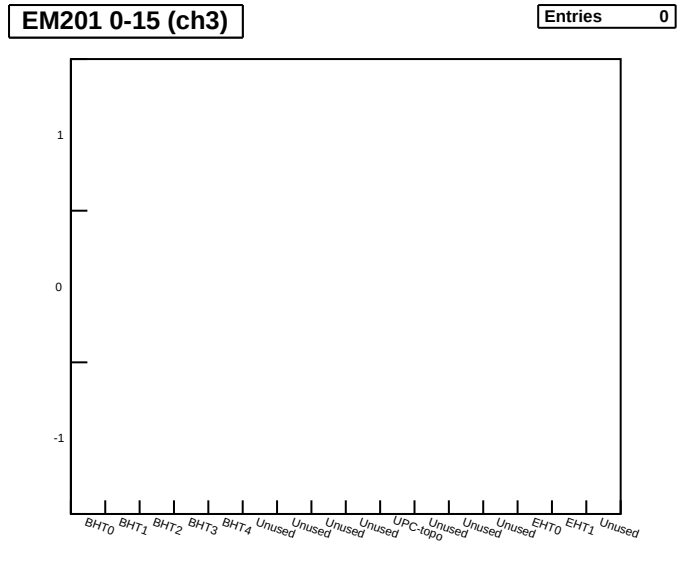

TF201 0-15 (ch0)
Entries 8394480
1
0
524655 524655 524655 5546 60839 76470 179187 524655 92830 93080 96222 524655
524655 519109 463816 448185 345468 431825 431575 428433 524655 524655 524655
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 8394480
1
0
140934 336626 445215 383988 510252 517543 671 8865 9684 194 474523 512361 234211 280557 405888
383721 188029 79440 140667 5403 7112 522984 515790 514971 524461 524655 50132 12294 290444 244098 118757
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 8394480
1
0
524655 524655 524655 524655 524655 524655 524655 524655
524655 524655 524655 524655 524655 524655 524655 524655
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