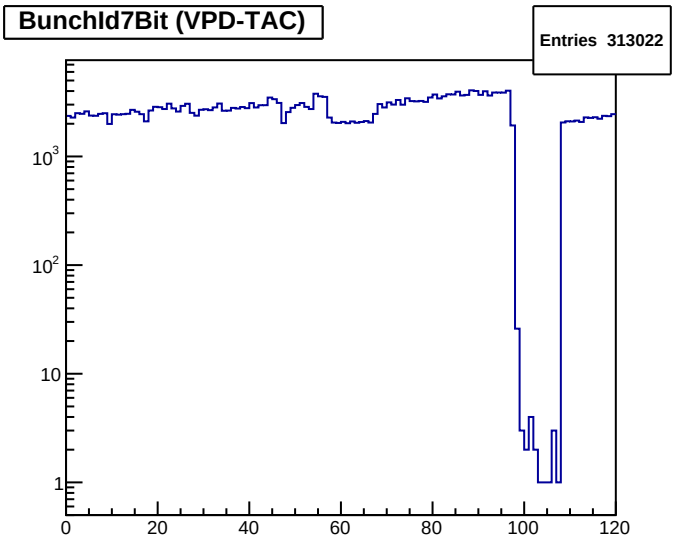
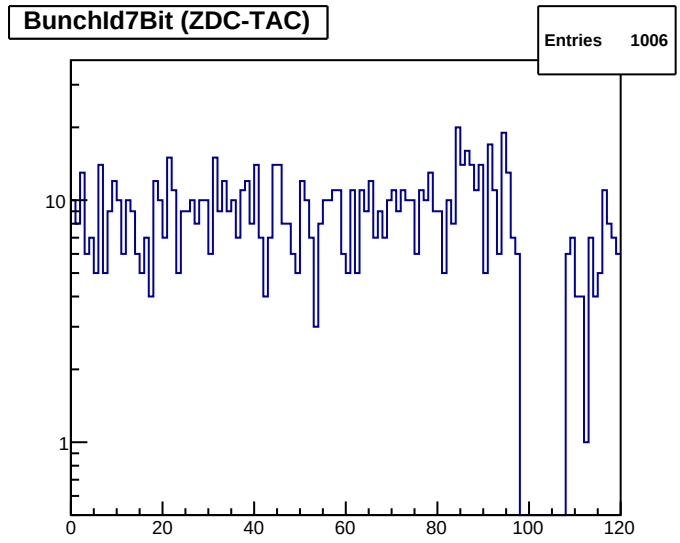
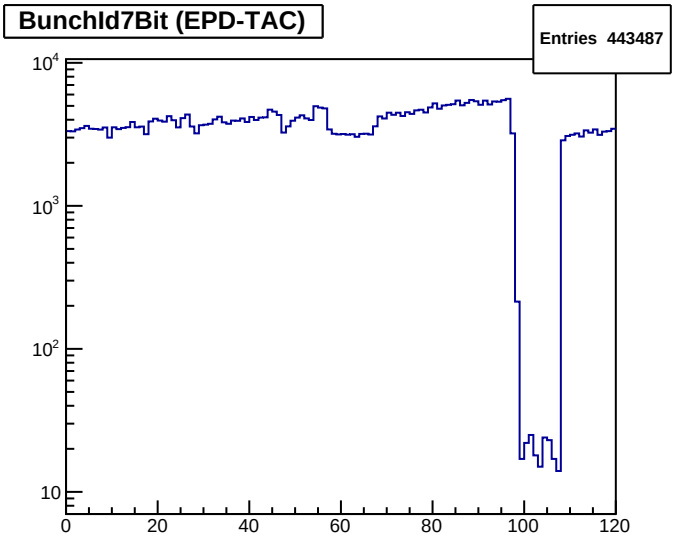
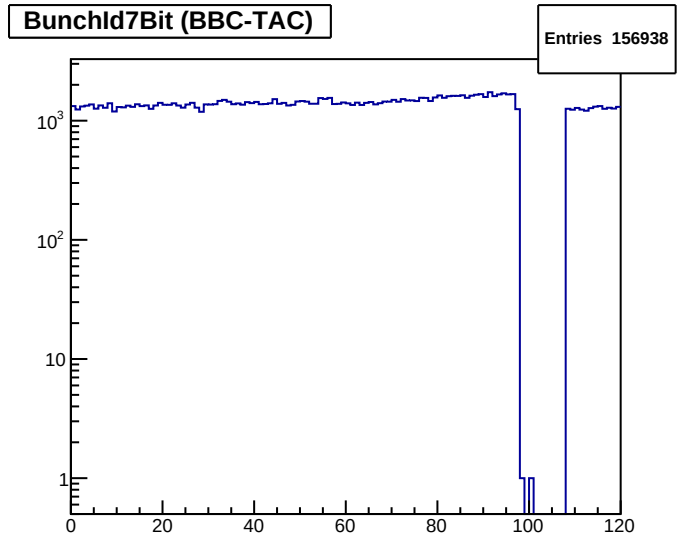
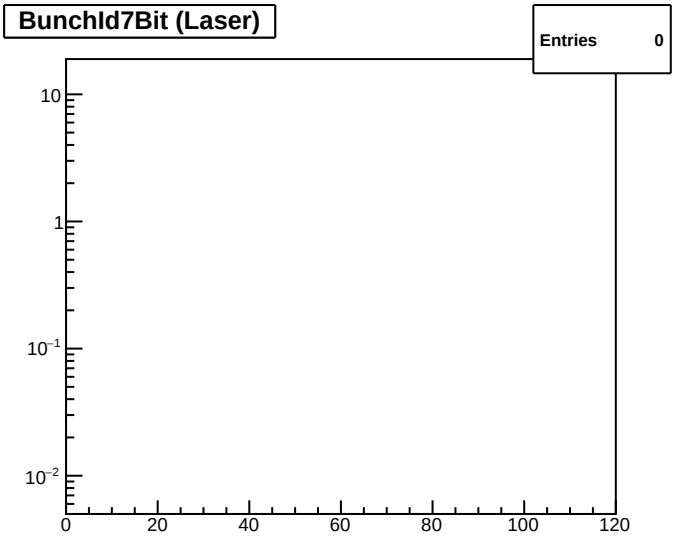
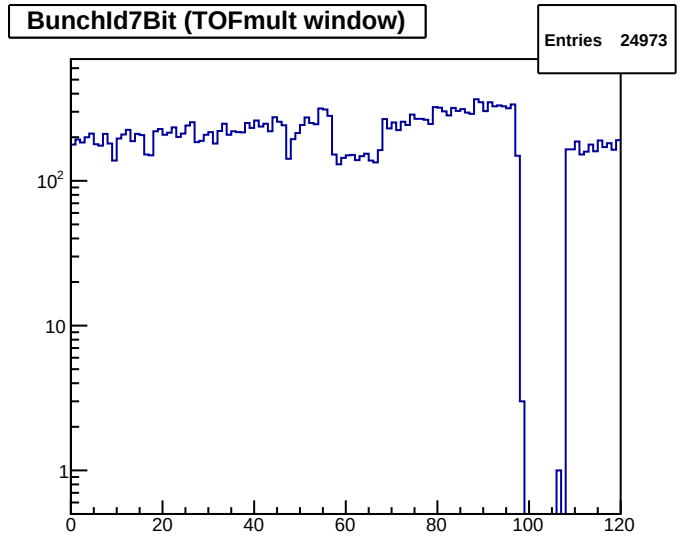

BunchId7Bit (VPD-TAC)
Entries 313022

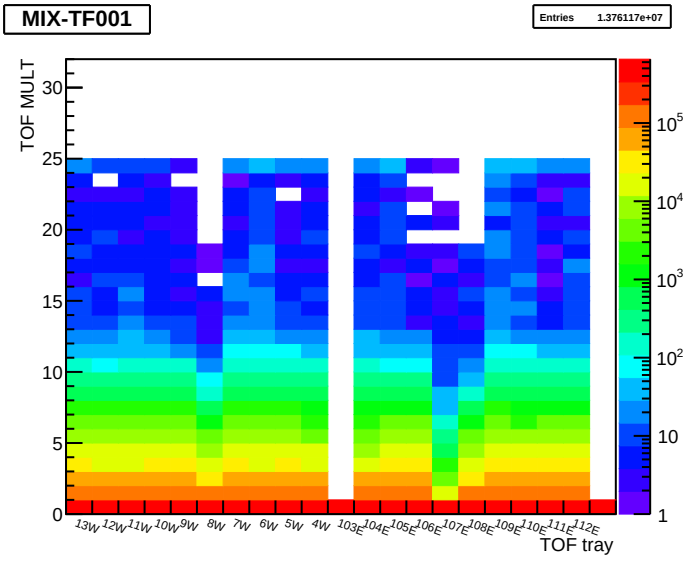

BunchId7Bit (ZDC-TAC)
Entries 1006

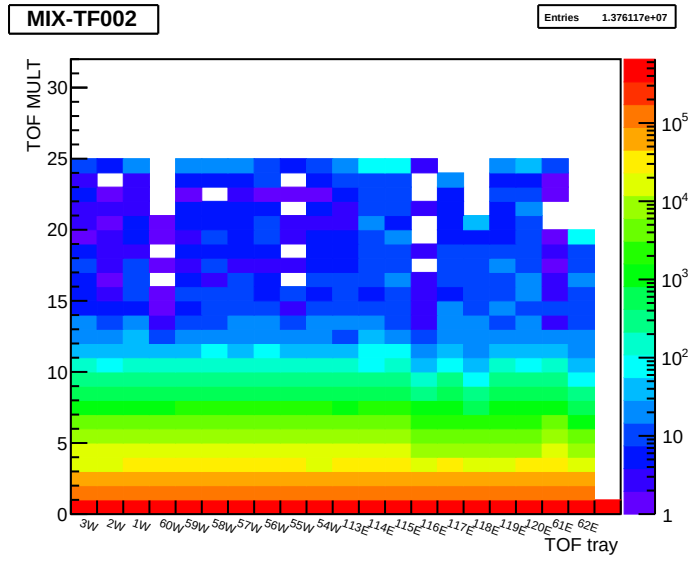

BunchId7Bit (EPD-TAC)
Entries 443487

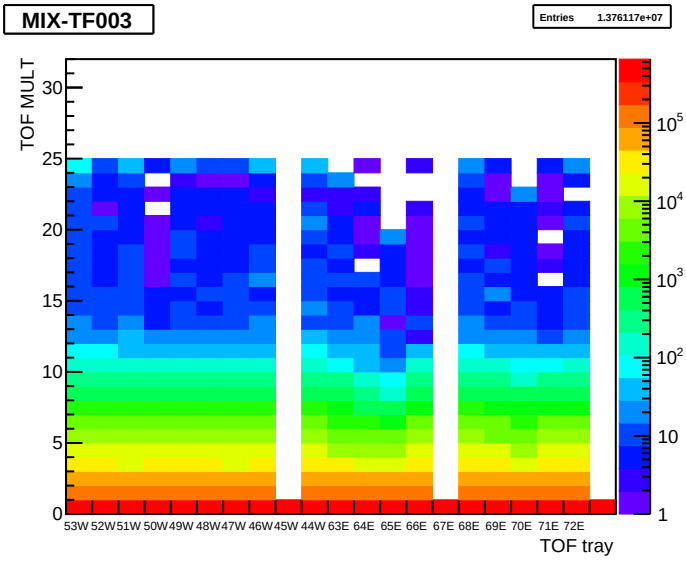

BunchId7Bit (BBC-TAC)
Entries 156938

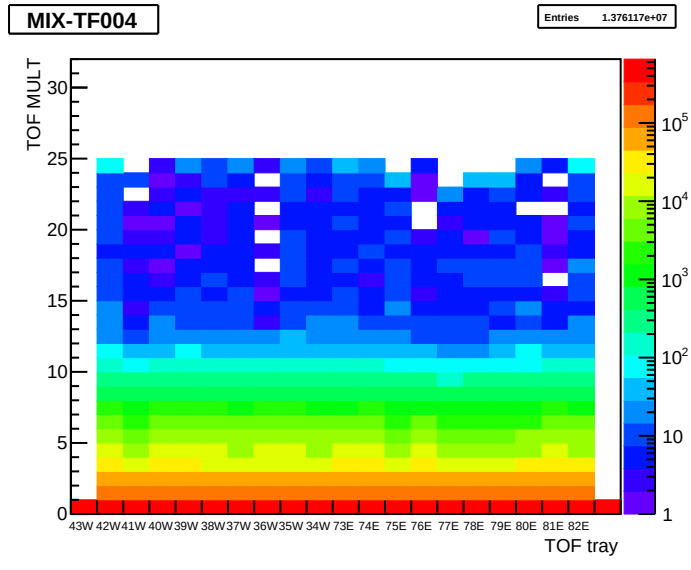

BunchId7Bit (Laser)
Entries 0

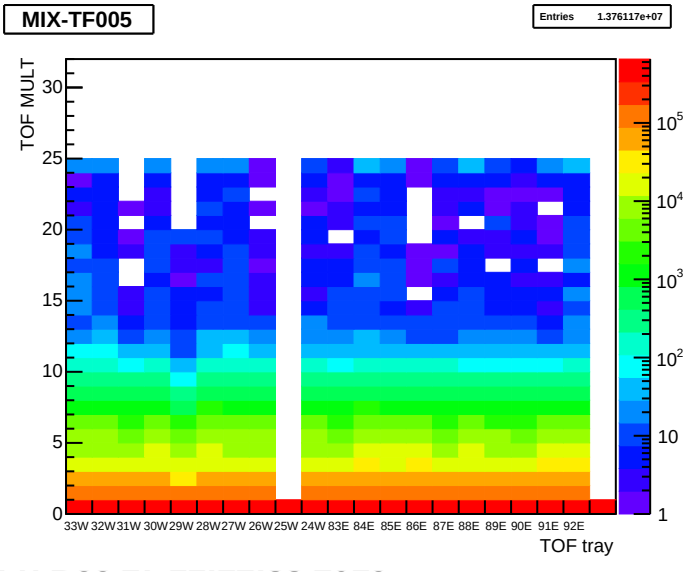

BunchId7Bit (TOFmult window)
Entries 24973

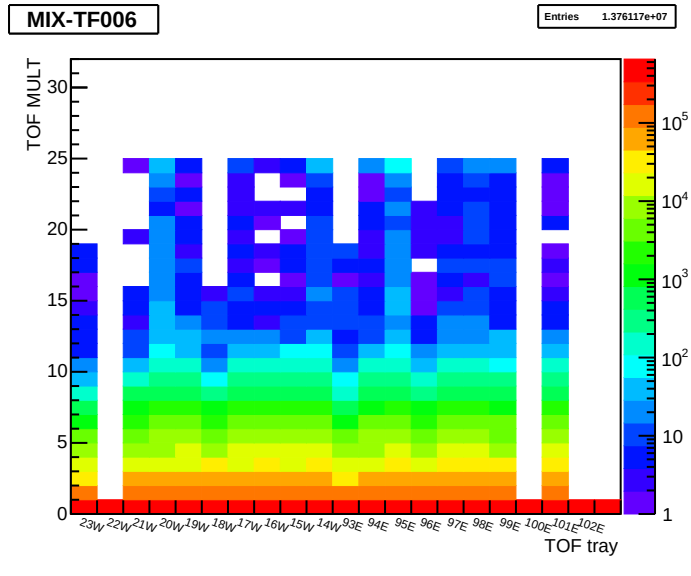

MIX-TF001
Entries 1.376117e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

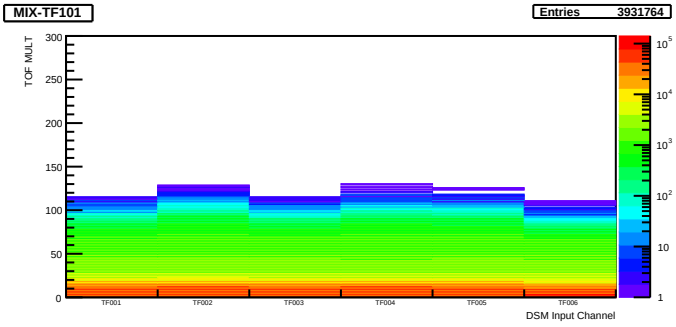

MIX-TF002
Entries 1.376117e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

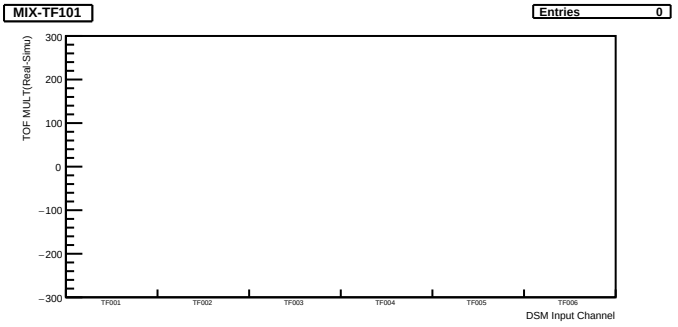

MIX-TF003
Entries 1.376117e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

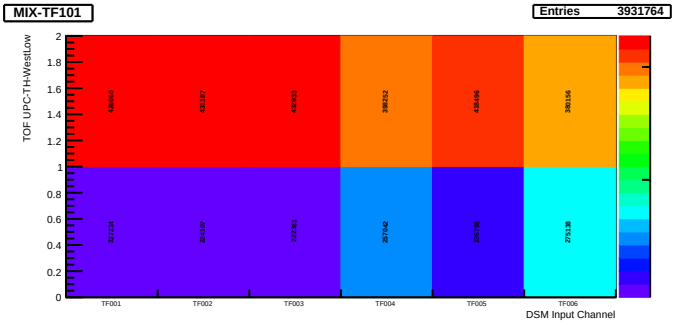

MIX-TF004
Entries 1.376117e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

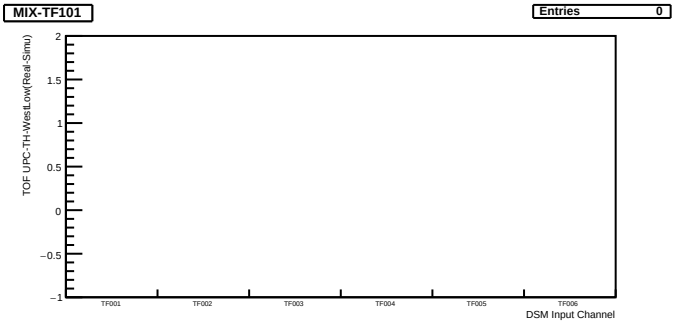

MIX-TF005
Entries 1.376117e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

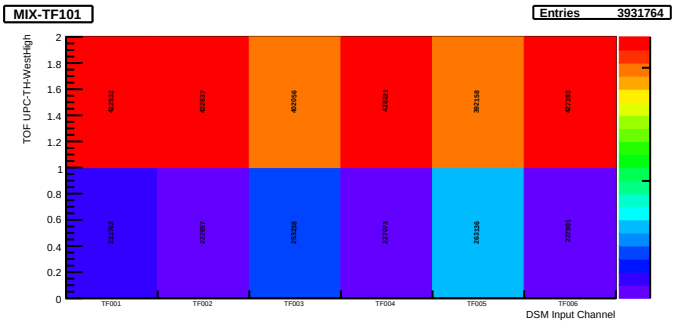

MIX-TF006
Entries 1.376117e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

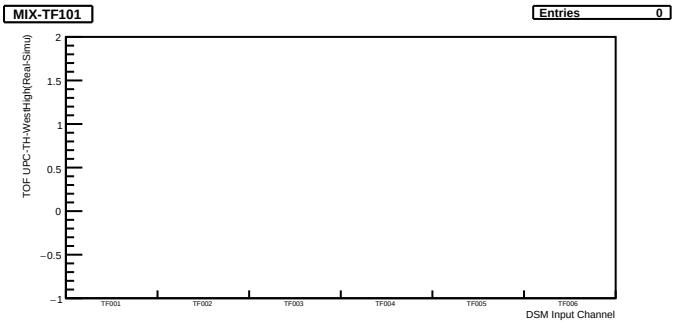

MIX-TF101
Entries 3931764
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

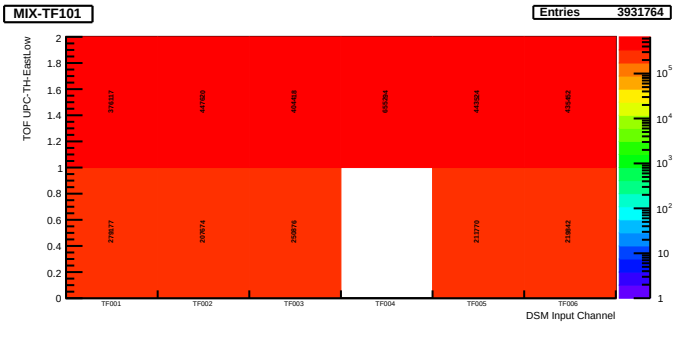

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

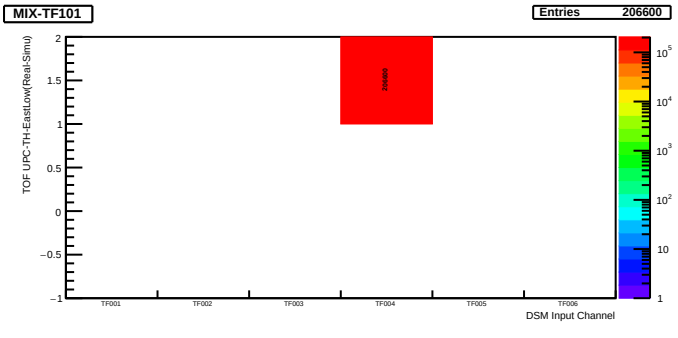

MIX-TF101
Entries 3931764
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

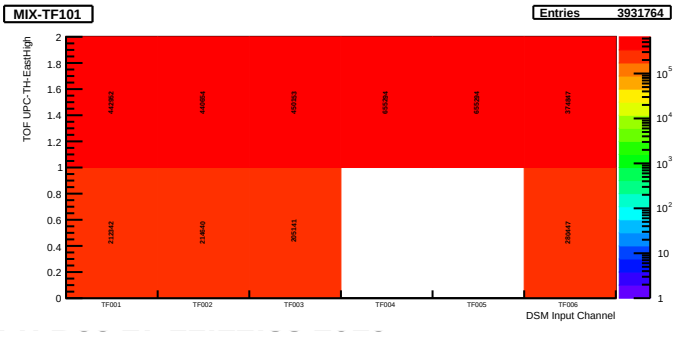

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

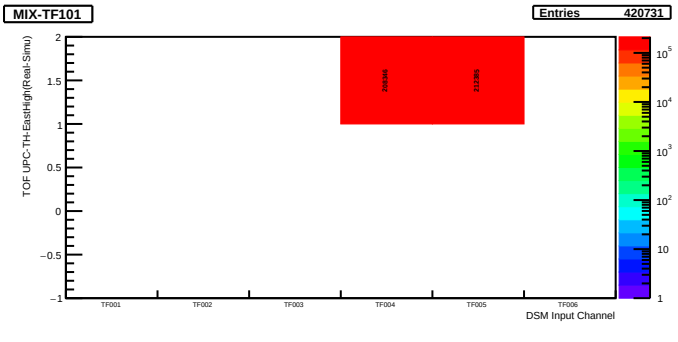

MIX-TF101
Entries 3931764
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

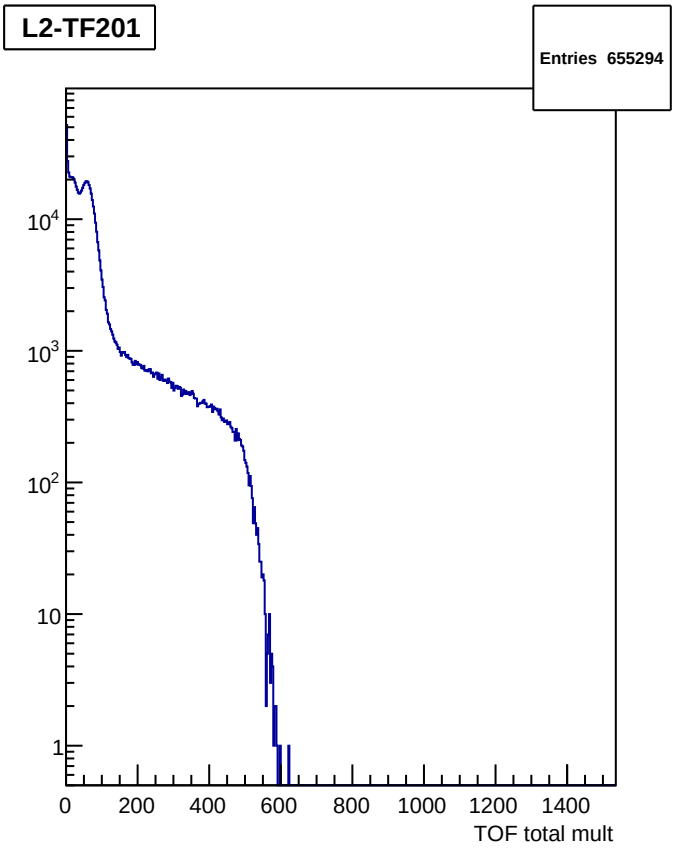

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

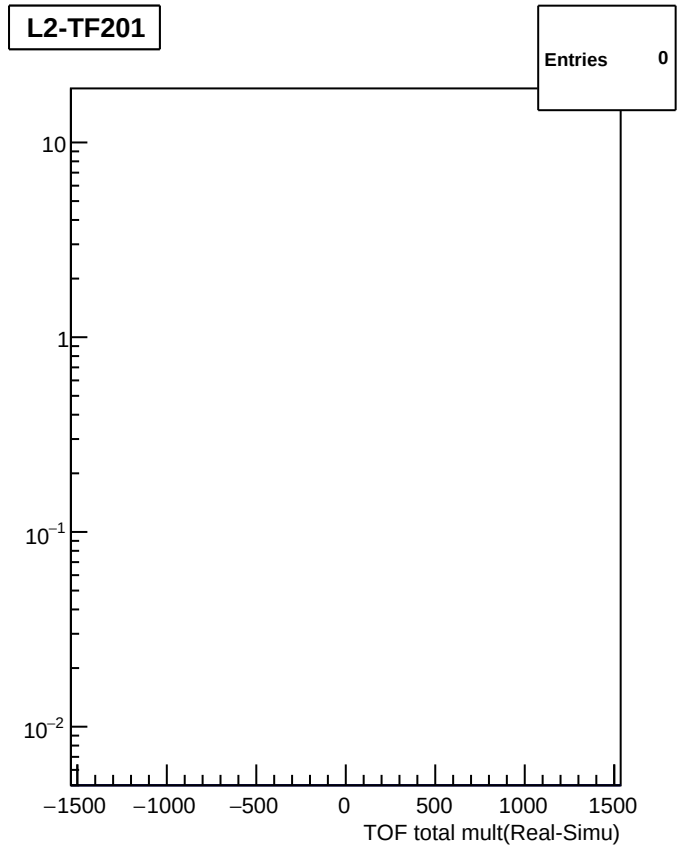

MIX-TF101
Entries 3931764
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

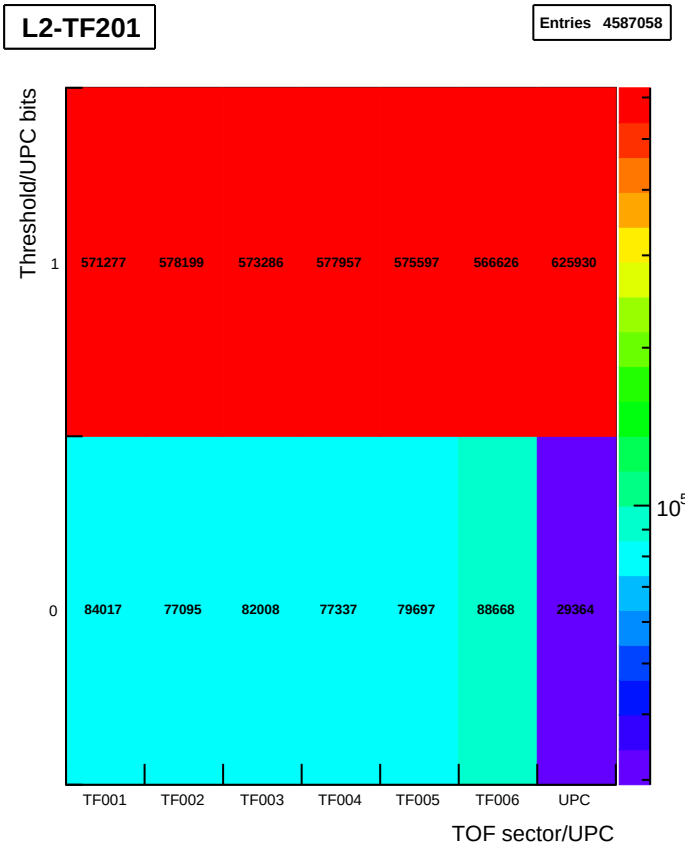

MIX-TF101
Entries 206600
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

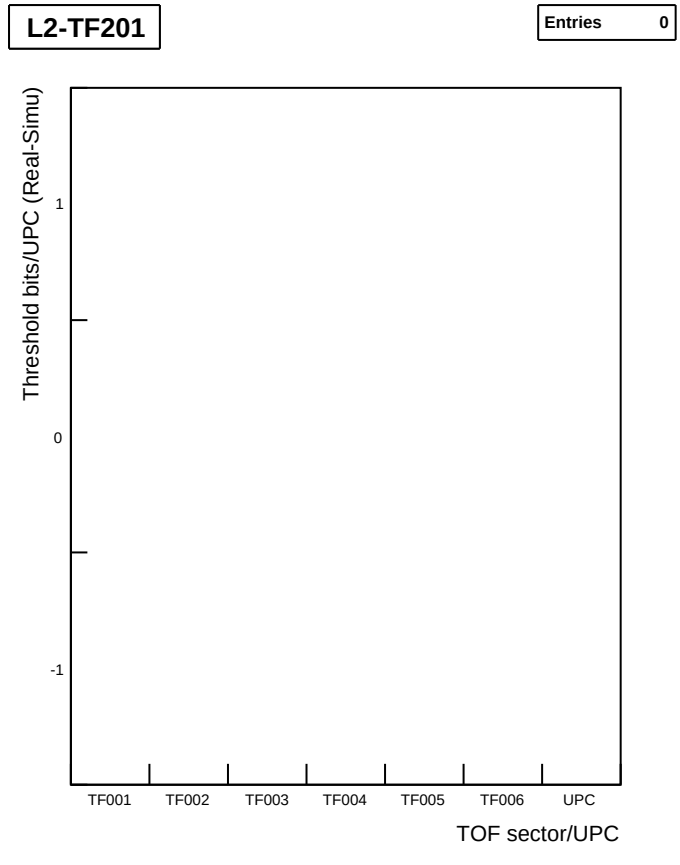

MIX-TF101
Entries 3931764
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

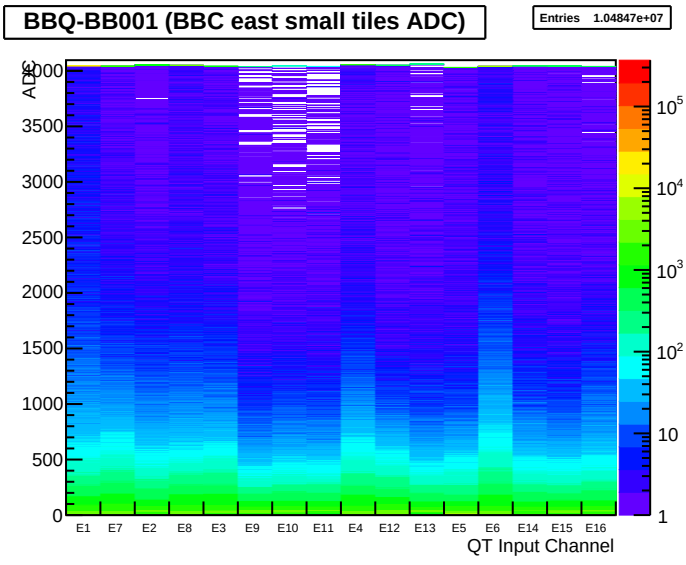

MIX-TF101
Entries 420731
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

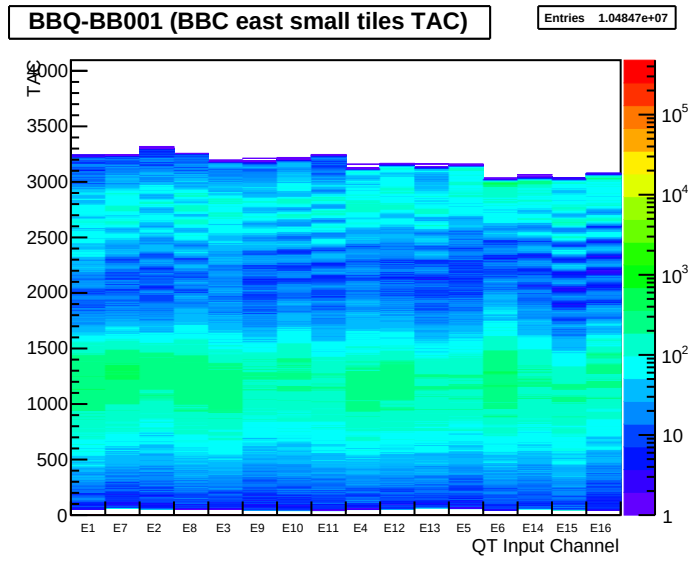

L2-TF201
Entries 655294
TOF total mult

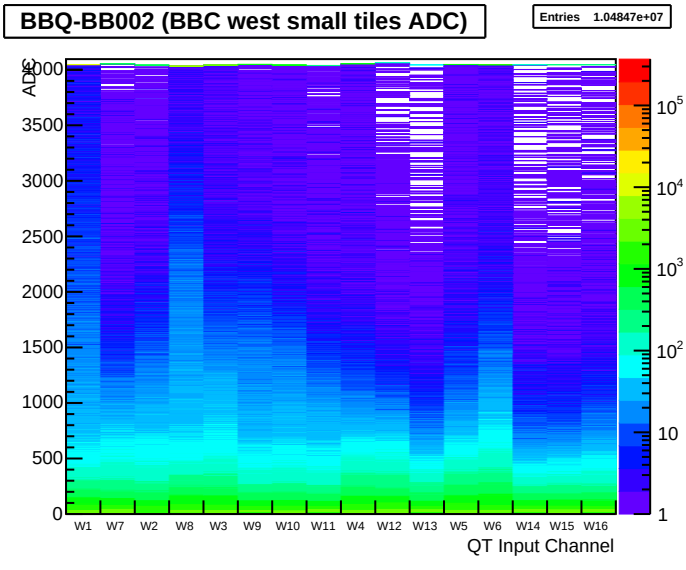

L2-TF201
Entries 0
TOF total mult(Real-Simu)

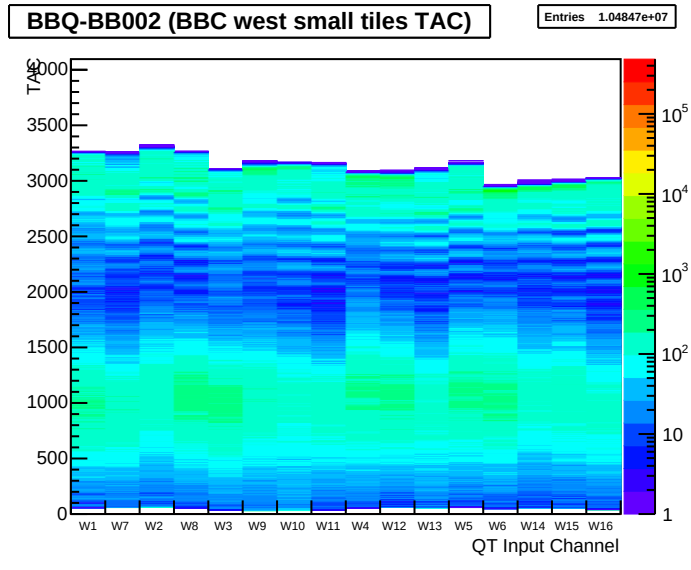

L2-TF201
Entries 4587058
Threshold/UPC bits
571277 578199 573286 577957 575597 566626 625930
84017 77095 82008 77337 79697 88668 29364
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

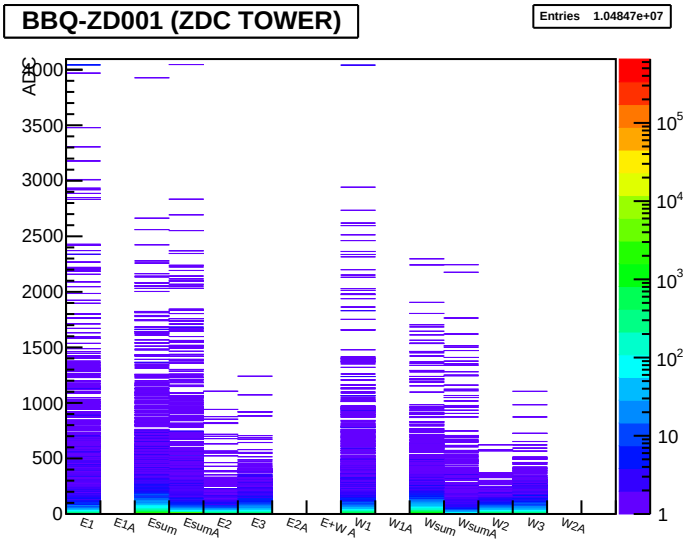

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

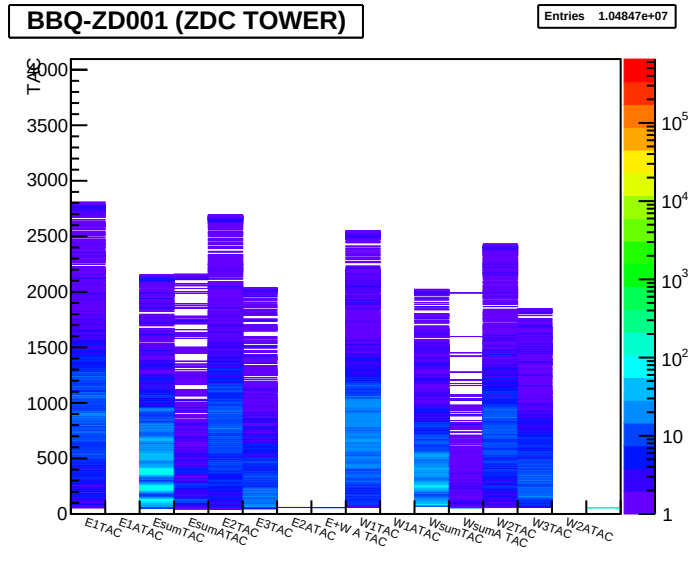

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.04847e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

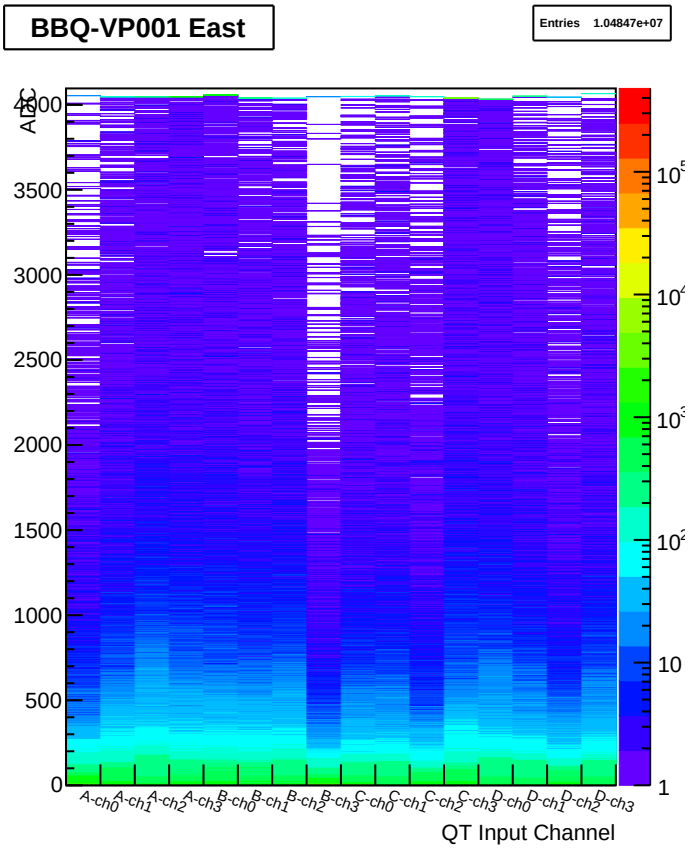

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.04847e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

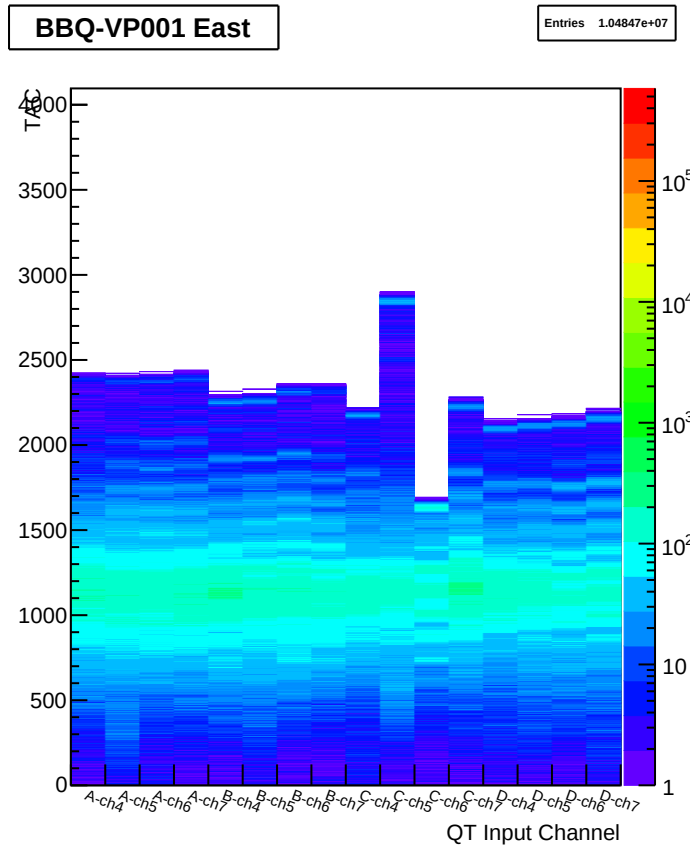

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.04847e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

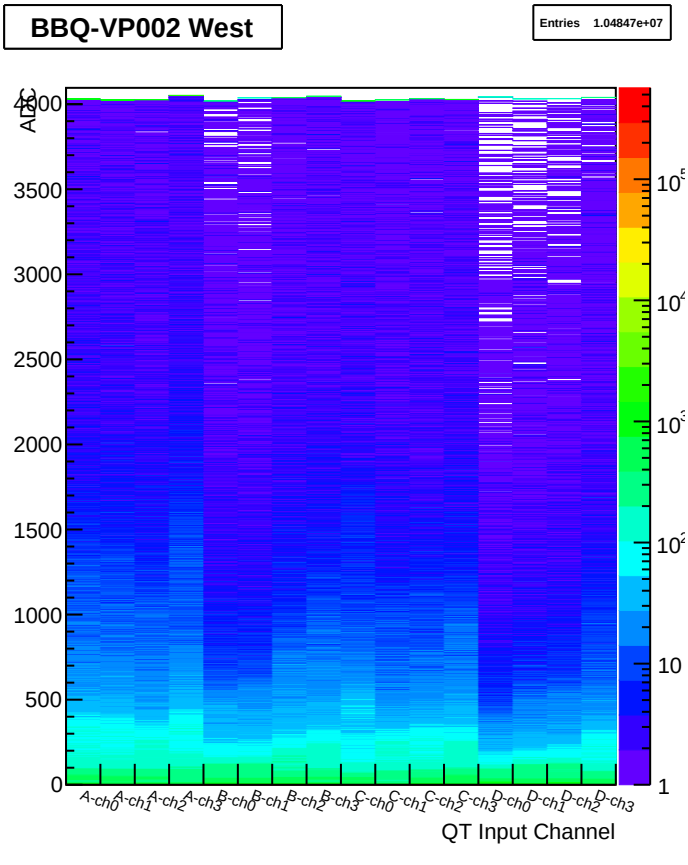

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.04847e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

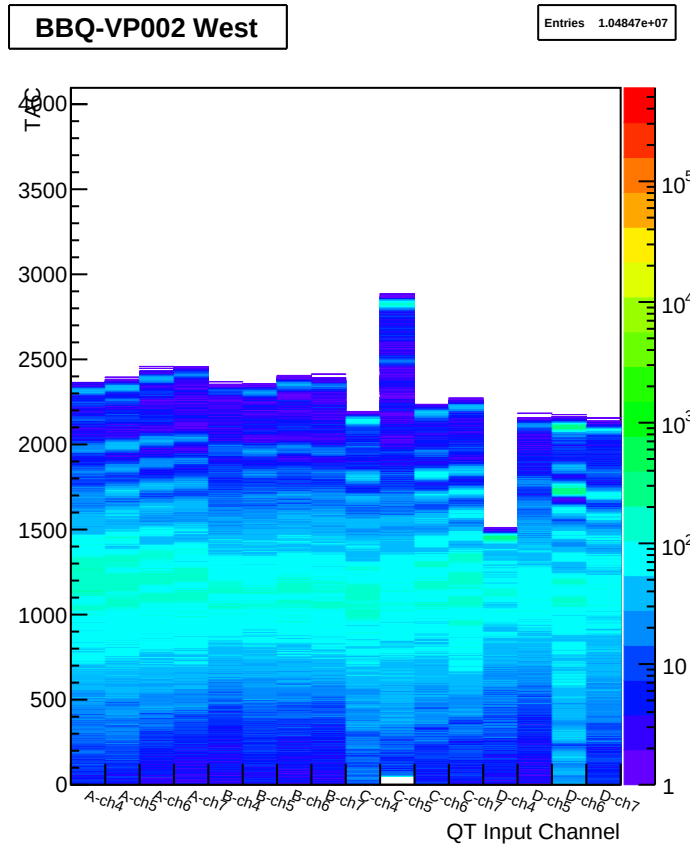

BBQ-ZD001 (ZDC TOWER)
Entries 1.04847e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

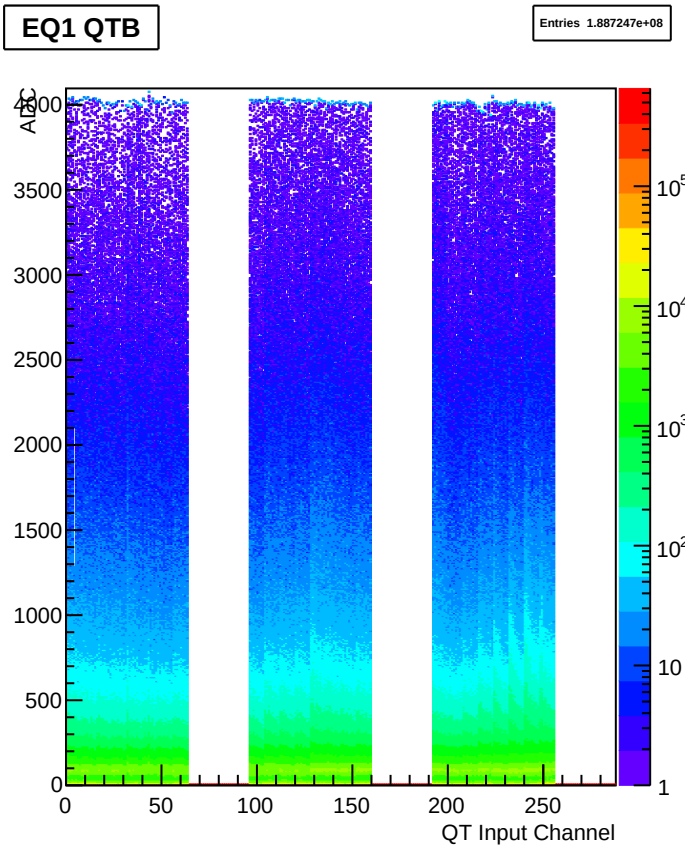

BBQ-ZD001 (ZDC TOWER)
Entries 1.04847e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

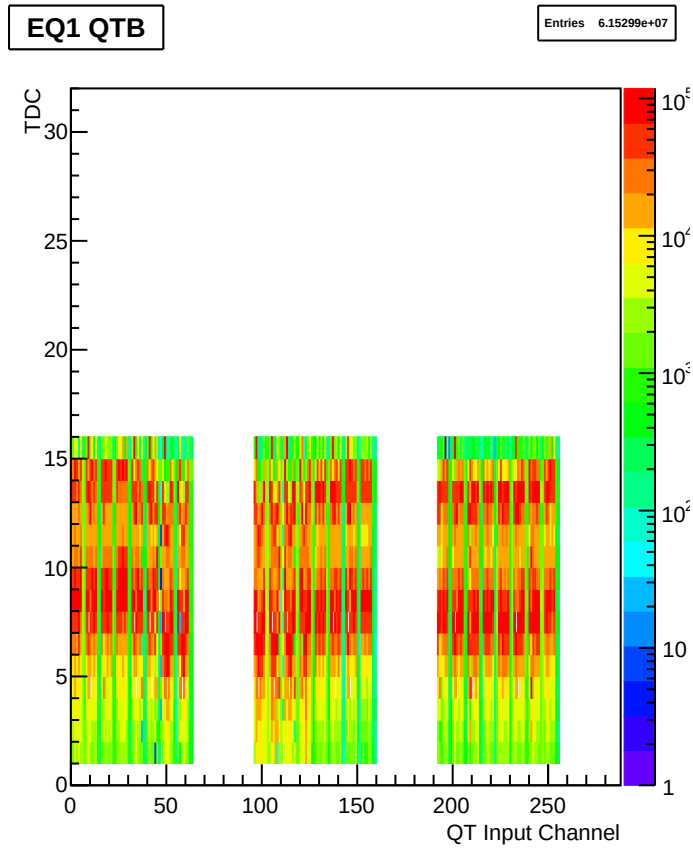

BBQ-VP001 East
Entries 1.04847e+07
ADC
QT Input Channel

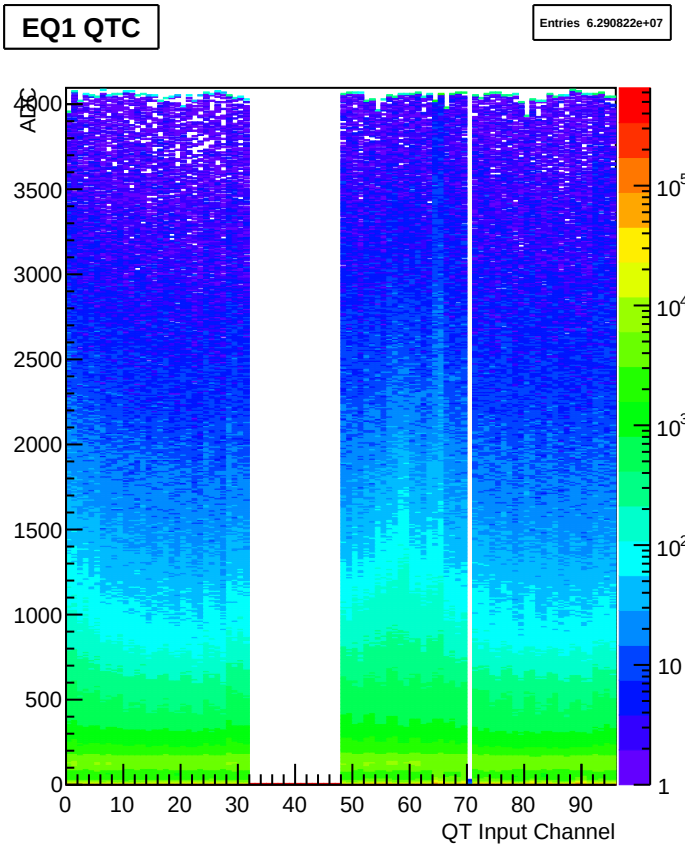

BBQ-VP001 East
Entries 1.04847e+07
TADC
QT Input Channel

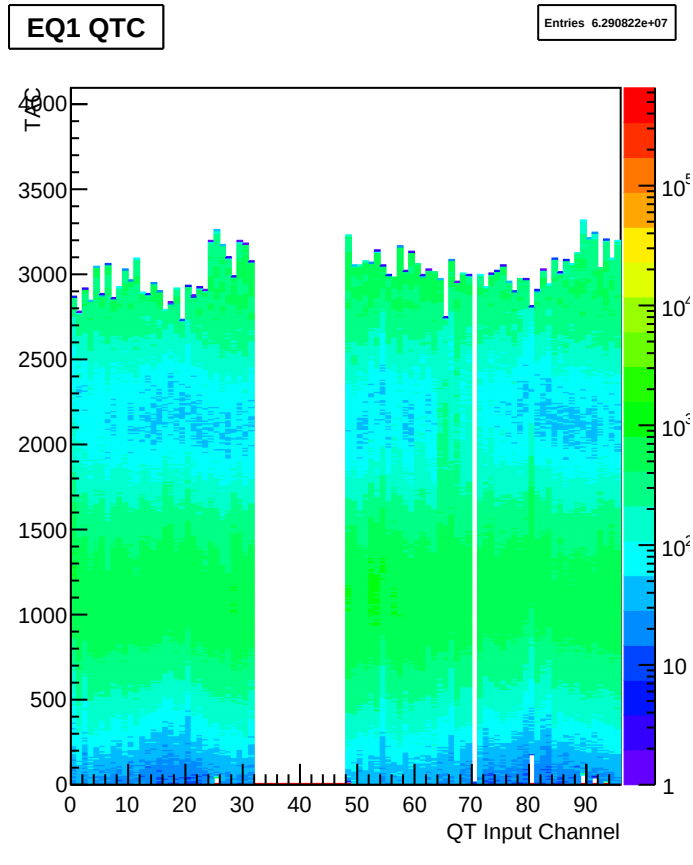

BBQ-VP002 West
Entries 1.04847e+07
ADC
QT Input Channel

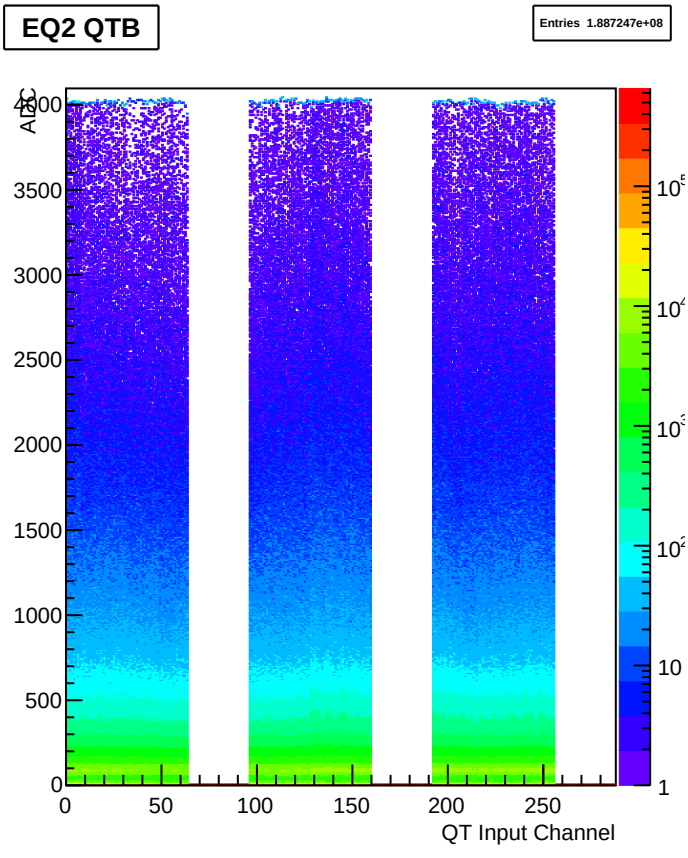

BBQ-VP002 West
Entries 1.04847e+07
TADC
QT Input Channel

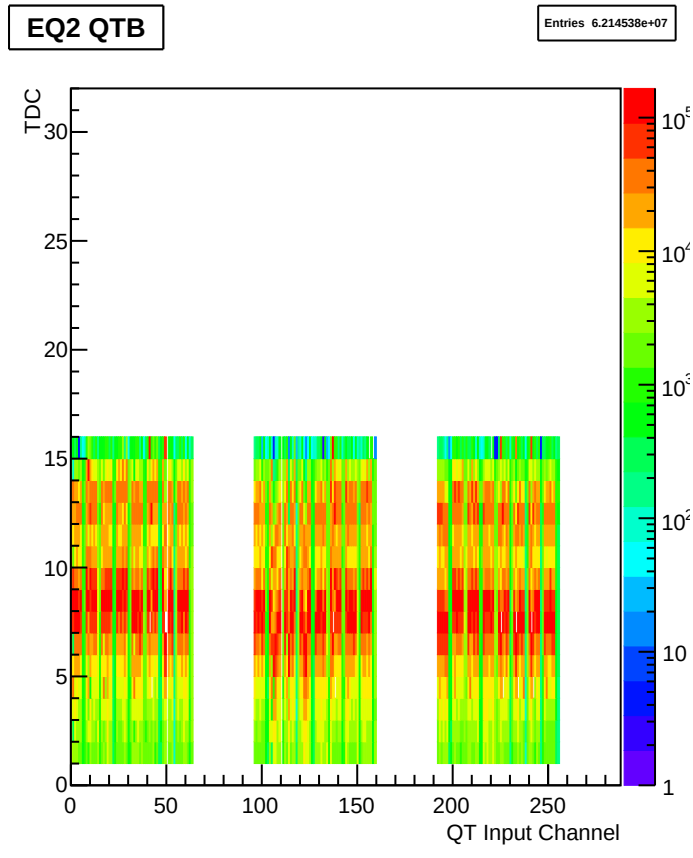

EQ1 QTB
Entries 1.887247e+08
ADC
QT Input Channel

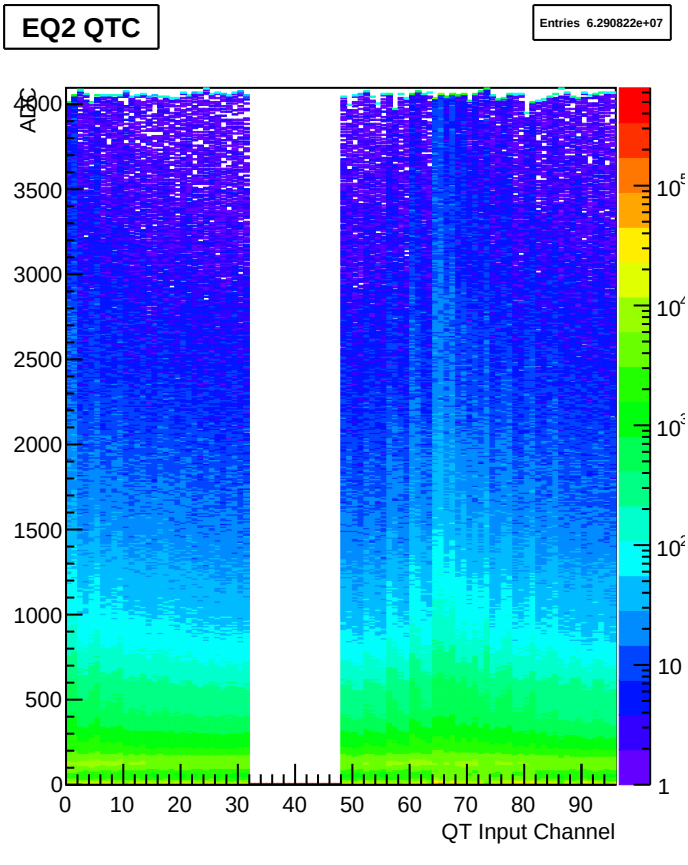

EQ1 QTB
Entries 6.15299e+07
TDC
QT Input Channel

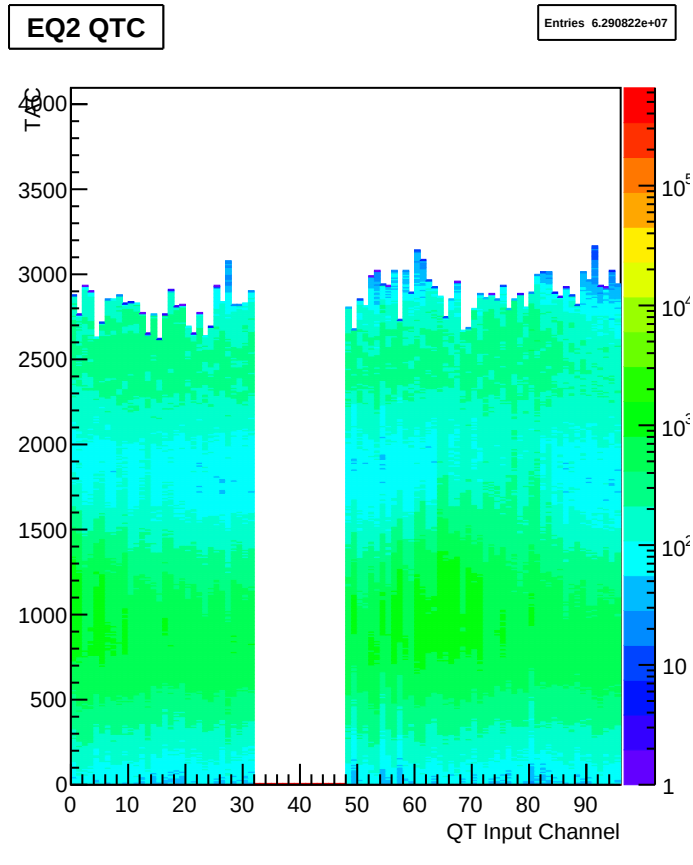

EQ1 QTC
Entries 6.290822e+07
ADC
QT Input Channel

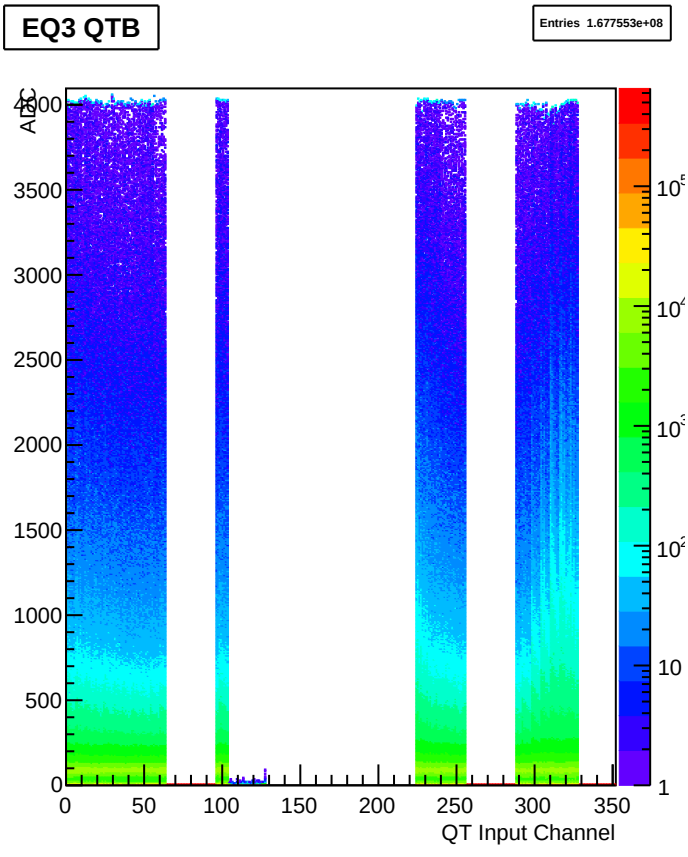

EQ1 QTC
Entries 6.290822e+07
TADC
QT Input Channel

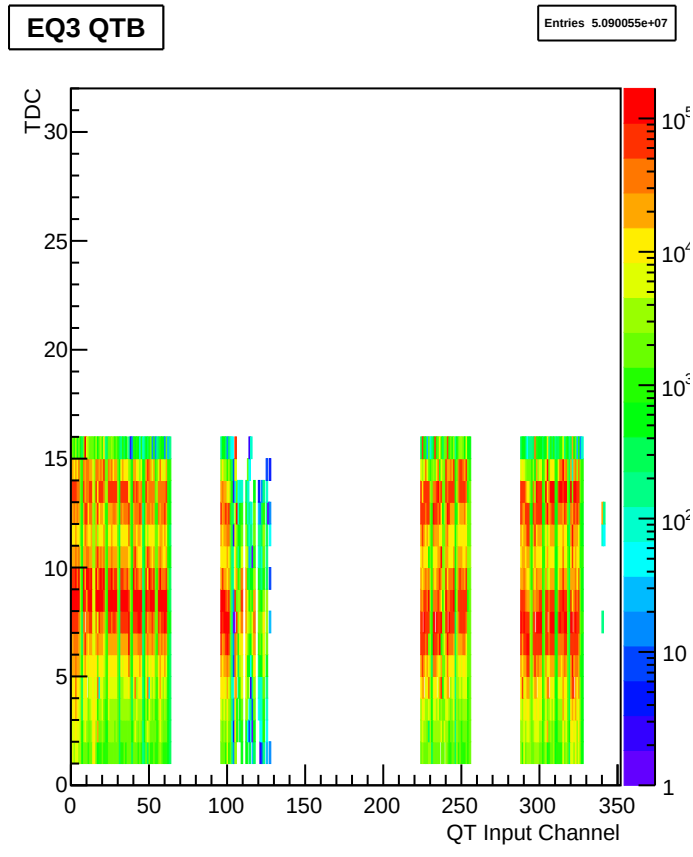

EQ2 QTB
Entries 1.887247e+08
ADC
QT Input Channel

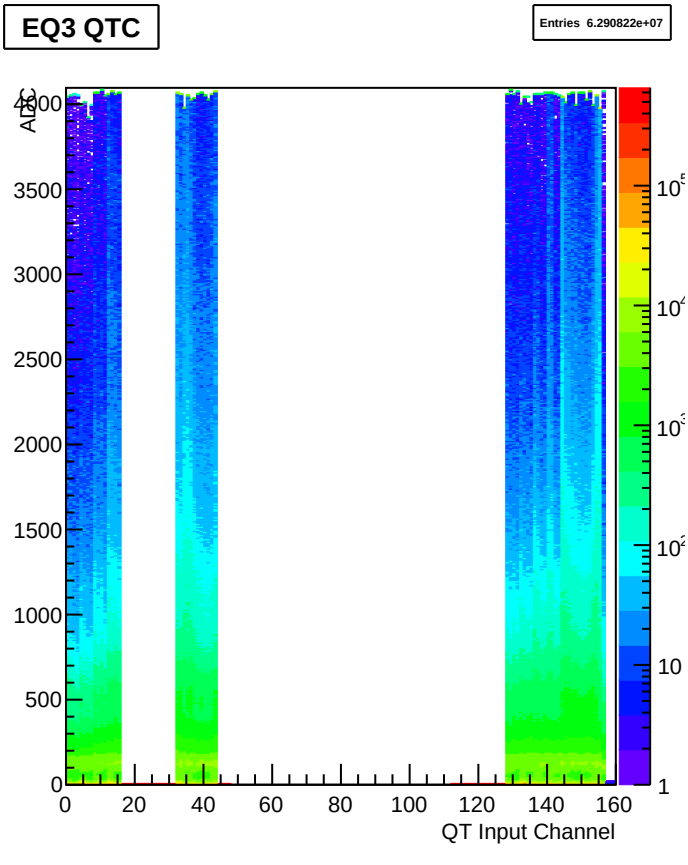

EQ2 QTB
Entries 6.214538e+07
TDC
QT Input Channel

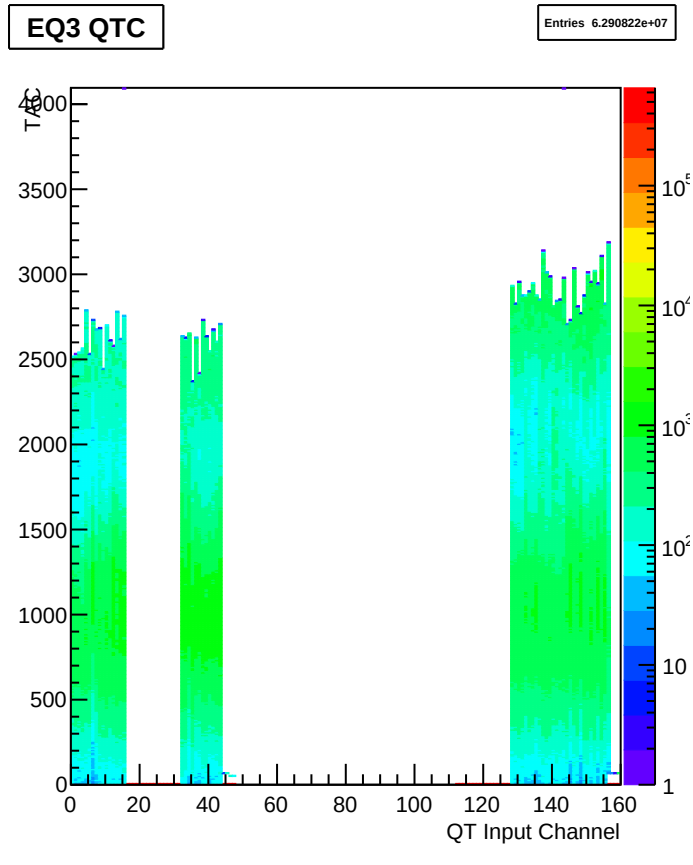

EQ2 QTC
Entries 6.290822e+07
ADC
QT Input Channel

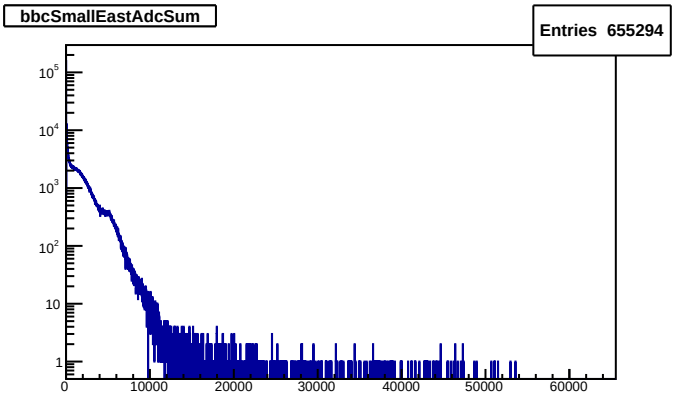

EQ2 QTC
Entries 6.290822e+07
TADC
QT Input Channel

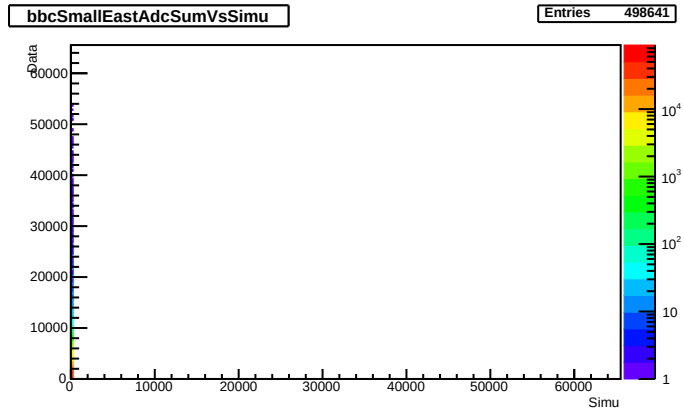

EQ3 QTB
Entries 1.677553e+08
ADC
QT Input Channel

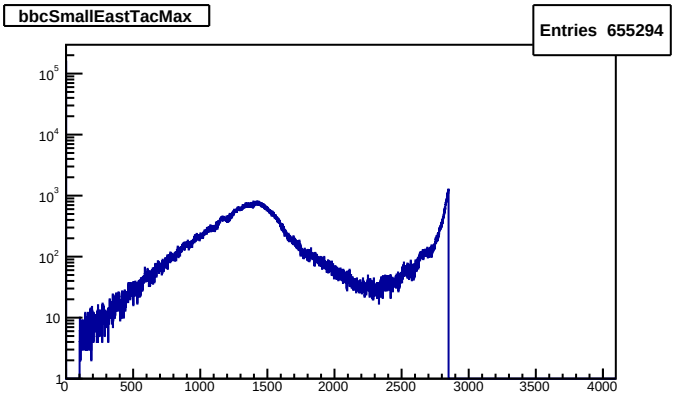

EQ3 QTB
Entries 5.090055e+07
TDC
QT Input Channel

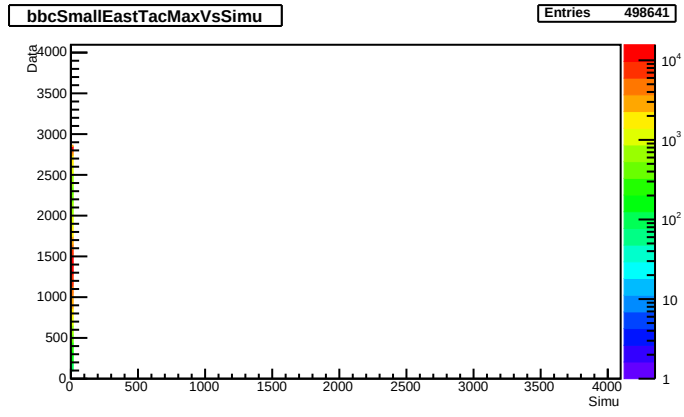

EQ3 QTC
Entries 6.290822e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.290822e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 655294


bbcSmallEastAdcSumVsSimu
Entries 498641
Data
Simu


bbcSmallEastTacMax
Entries 655294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Entries 498641
Data
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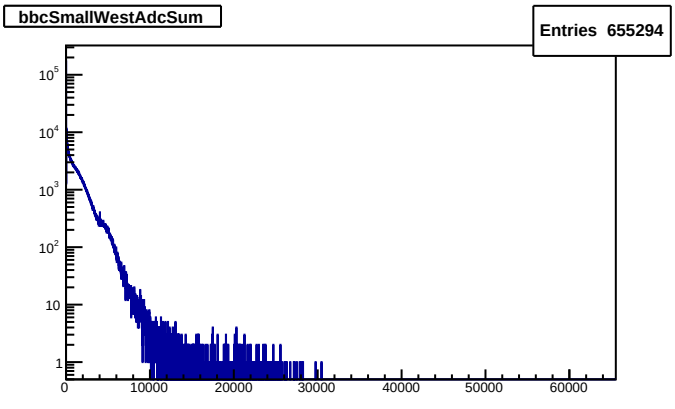
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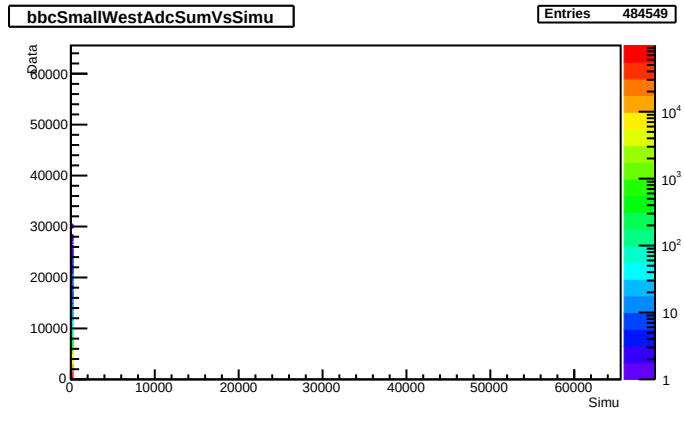
Entries 655294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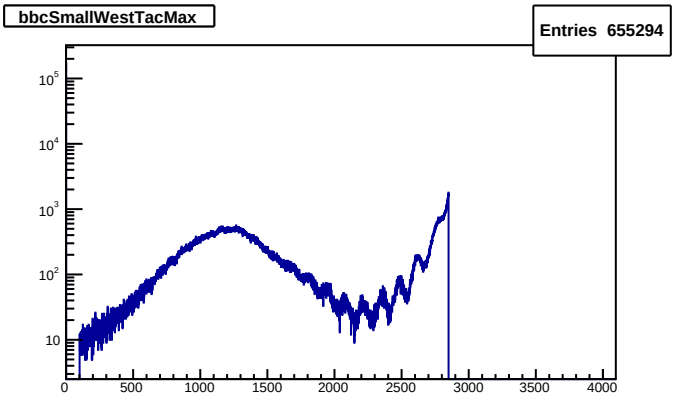
Entries 484549
Data
Simu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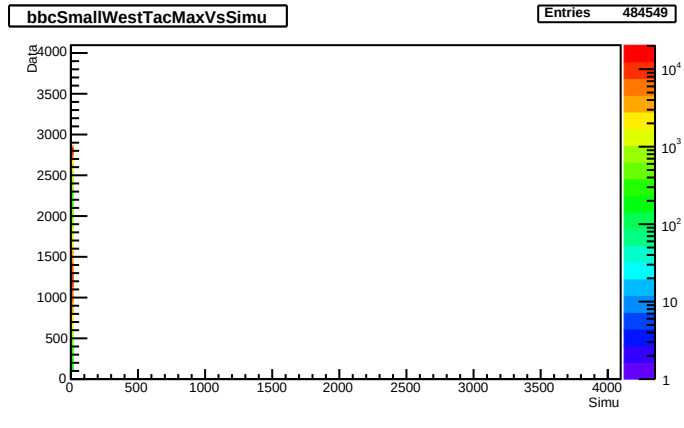
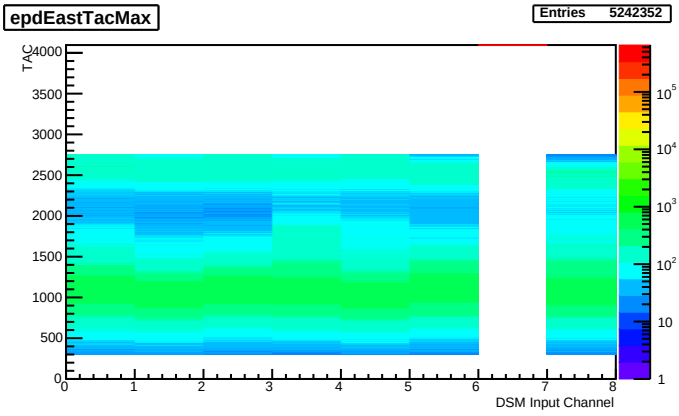
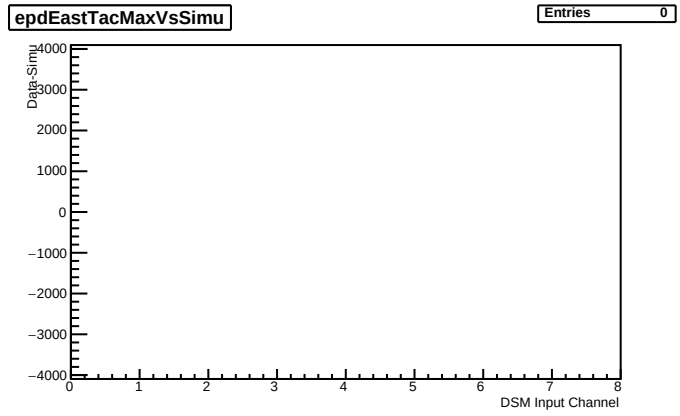
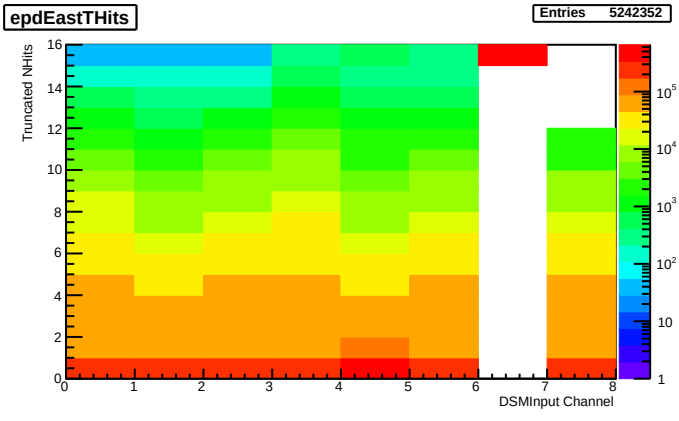
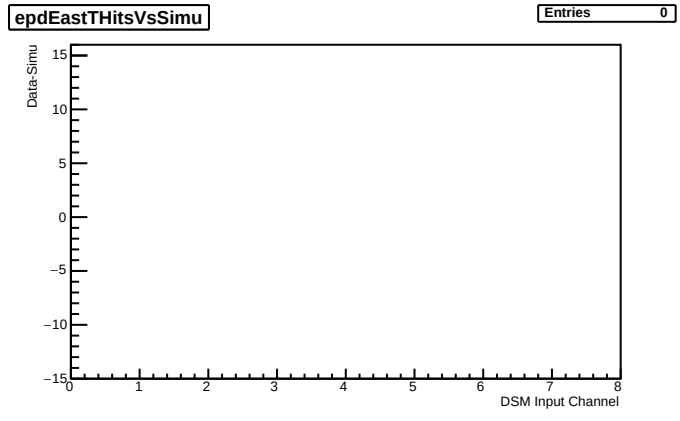

bbcSmallWestTacMaxVsSimu
Entries 484549
Data
Simu


epdEastTacMax
Entries 5242352
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5242352
Truncated NHits
DSMInput Channel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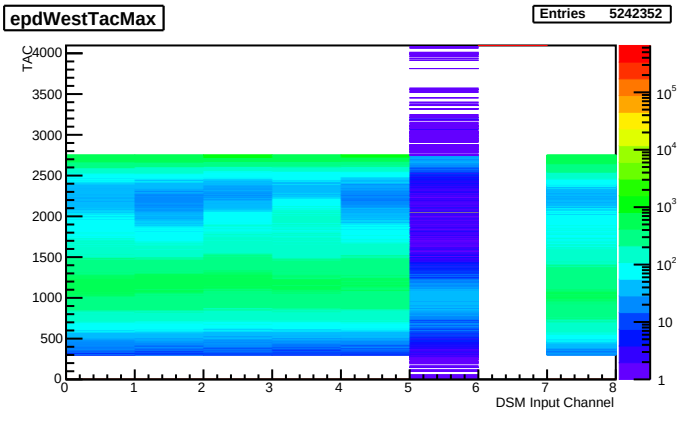
Data-Simu
DSM Input Channel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Entries 5242352
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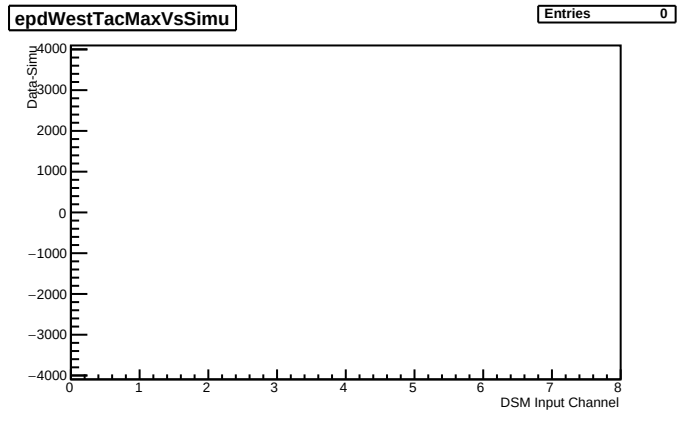
DSM Input Channel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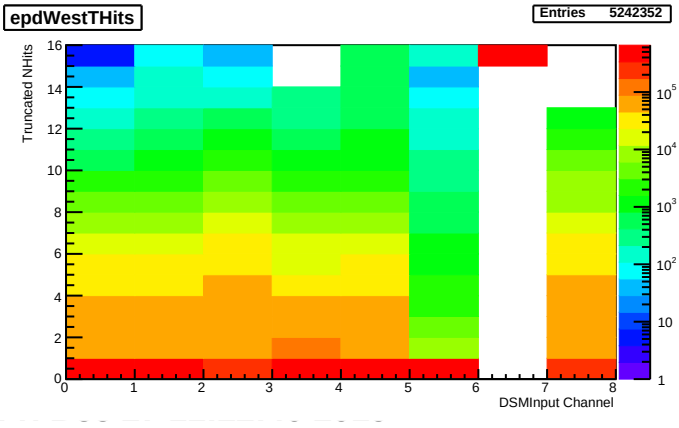
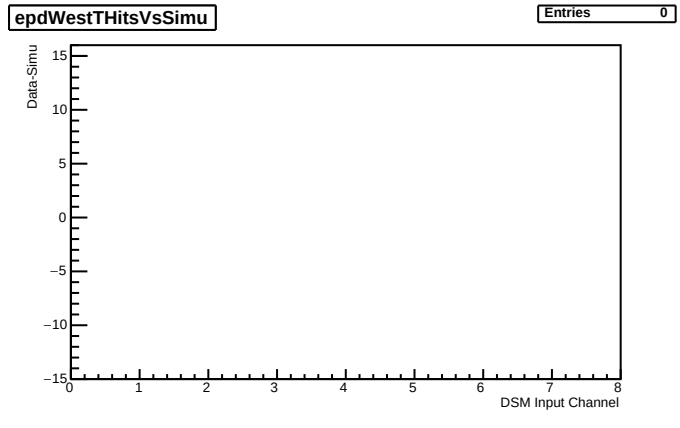
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5242352
Truncated NHits
DSMInput Channel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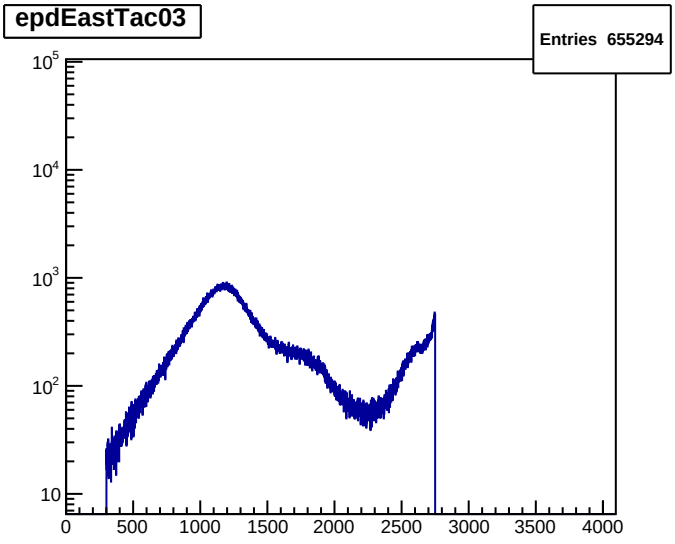
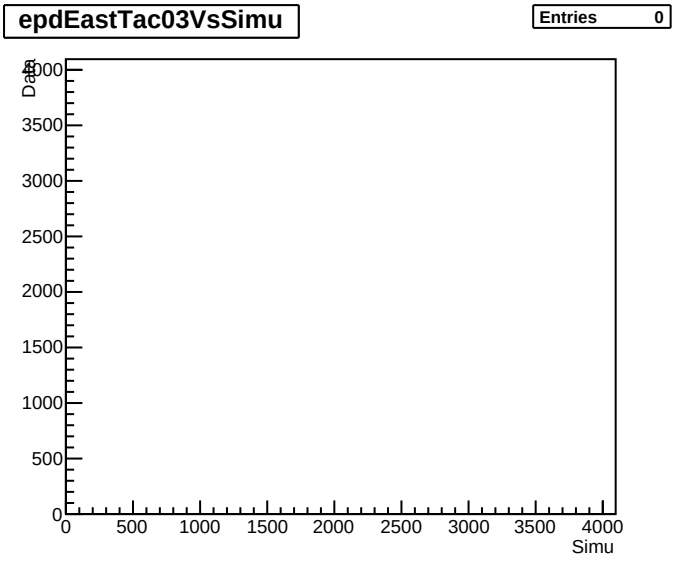
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 655294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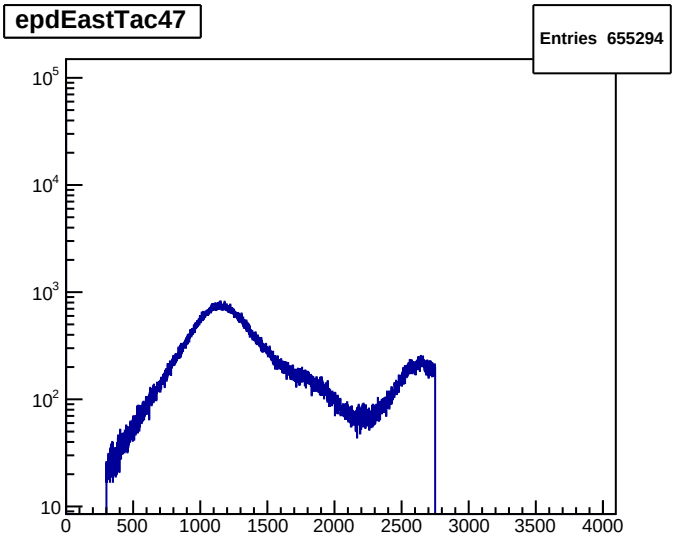
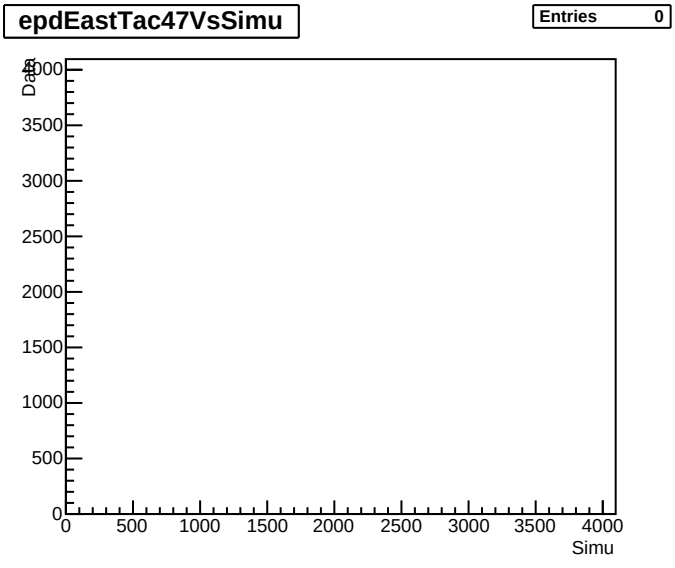
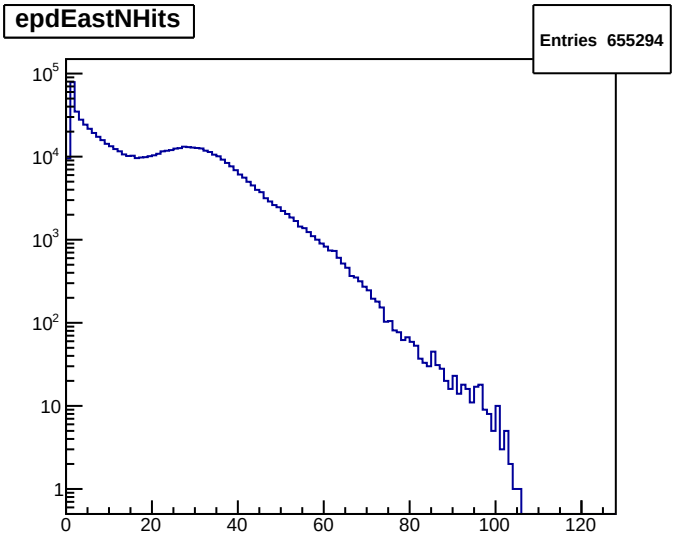
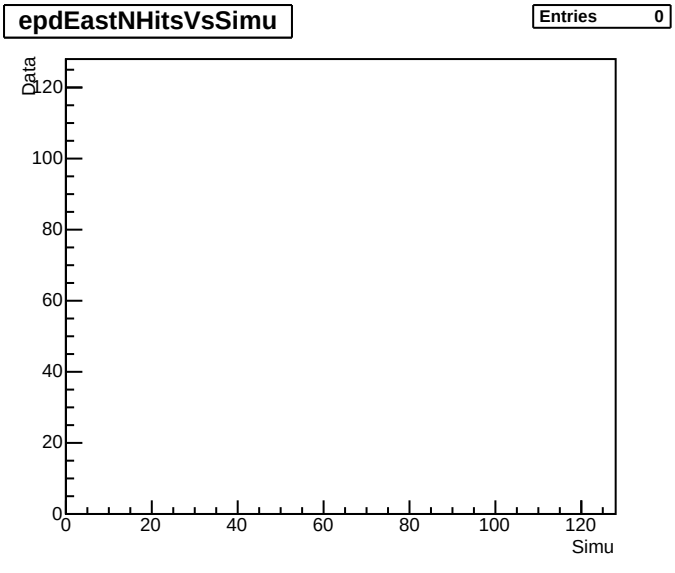
Entries 0
Data
Simu


epdEastTac47
Entries 655294


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 655294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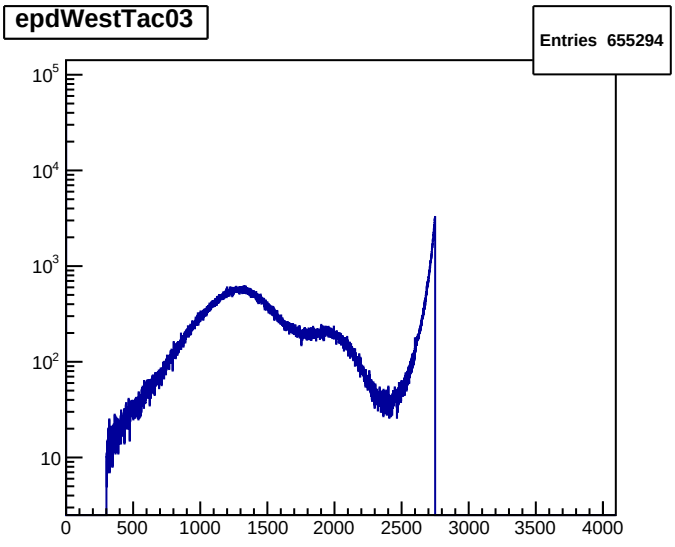
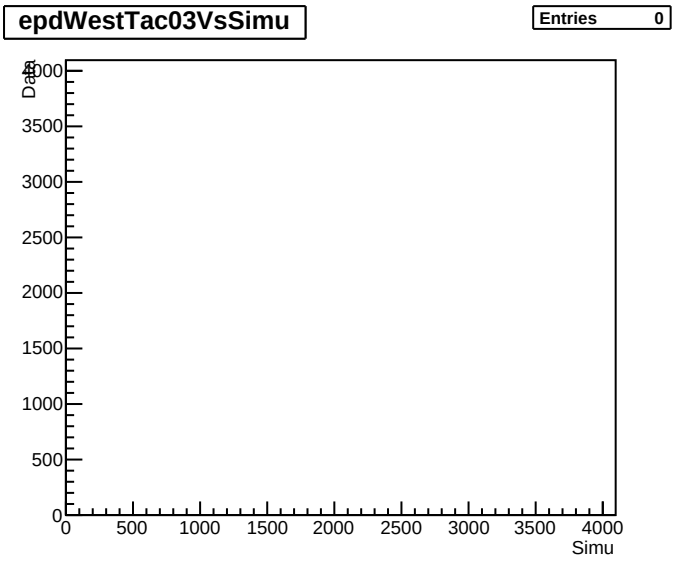
Entries 0
Data
Simu


epdWestTac03
Entries 655294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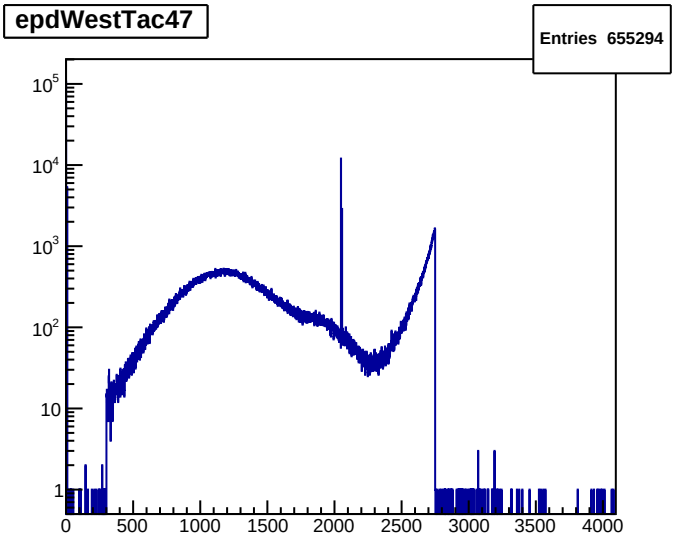
Entries 0
Data
Simu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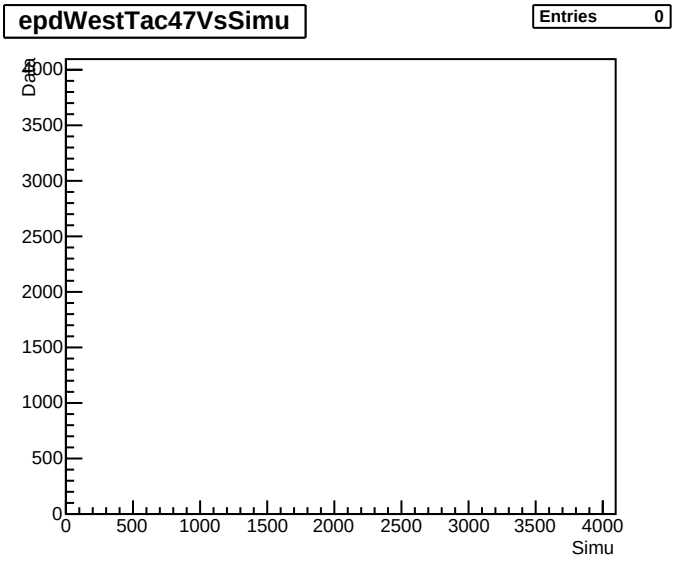
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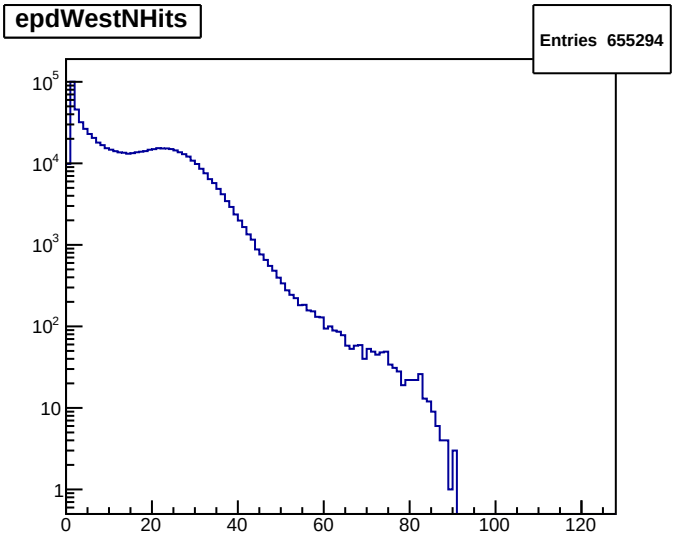
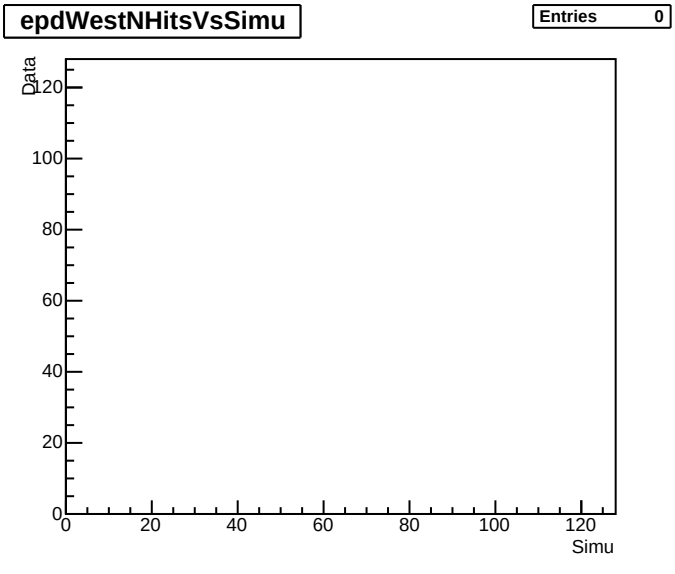
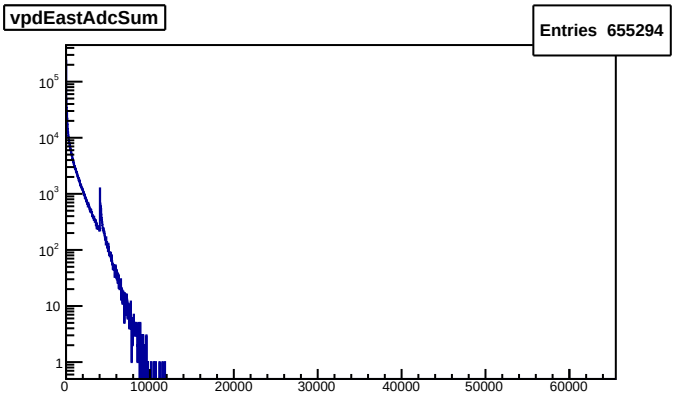
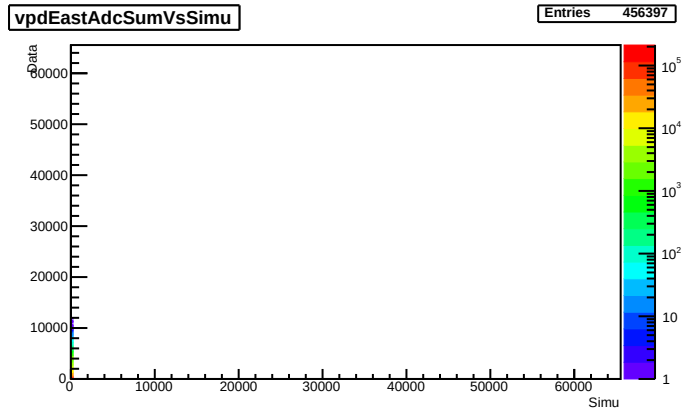
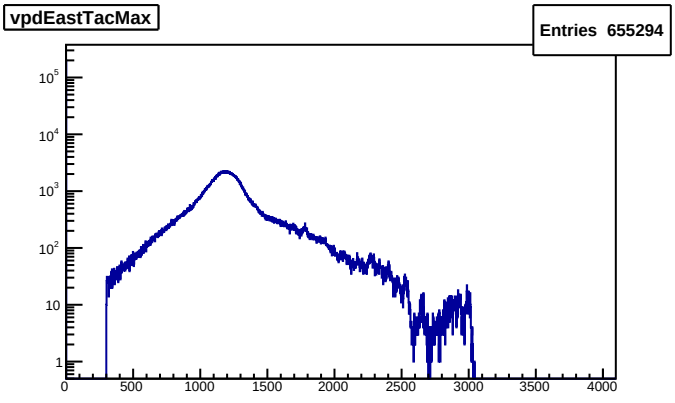
Data
Simu

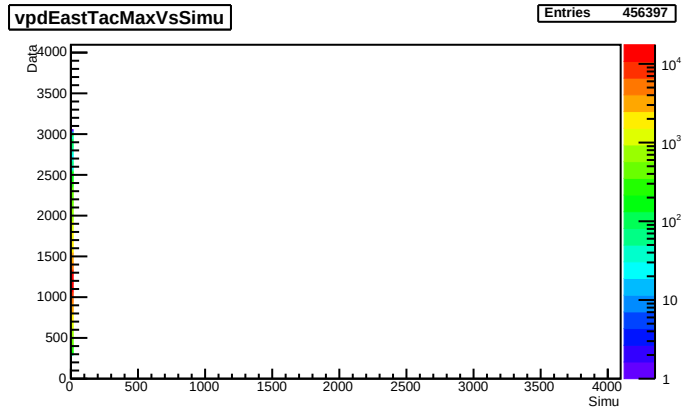

epdWestNHits
Entries 655294

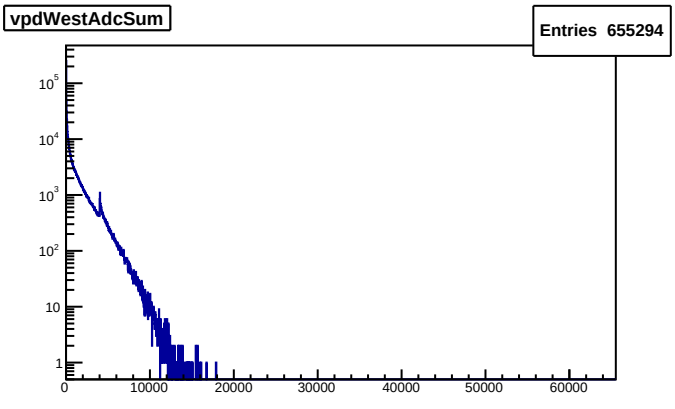

epdWestNHitsVsSimu
Entries 0
Data
Simu

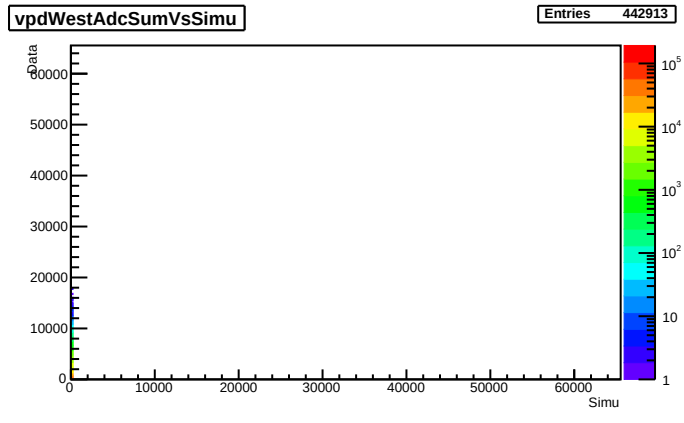

vpdEastAdcSum
Entries 655294

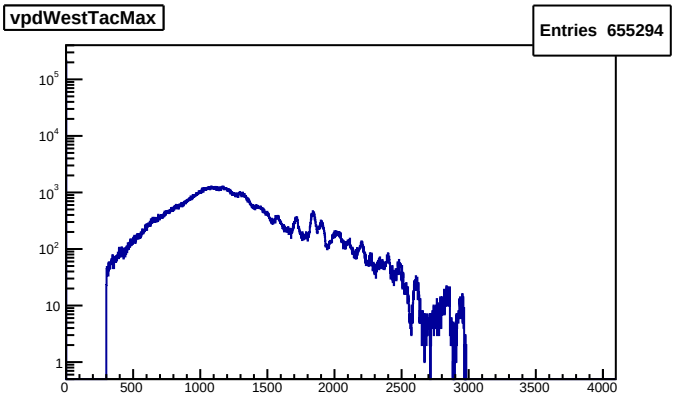

vpdEastAdcSumVsSimu
Entries 456397
Data
Simu

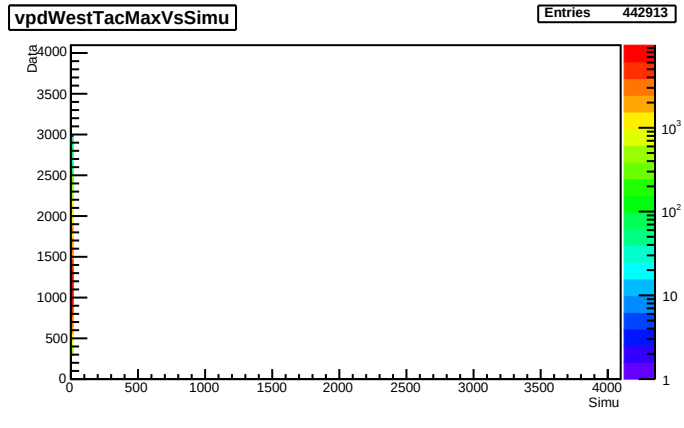

vpdEastTacMax
Entries 655294

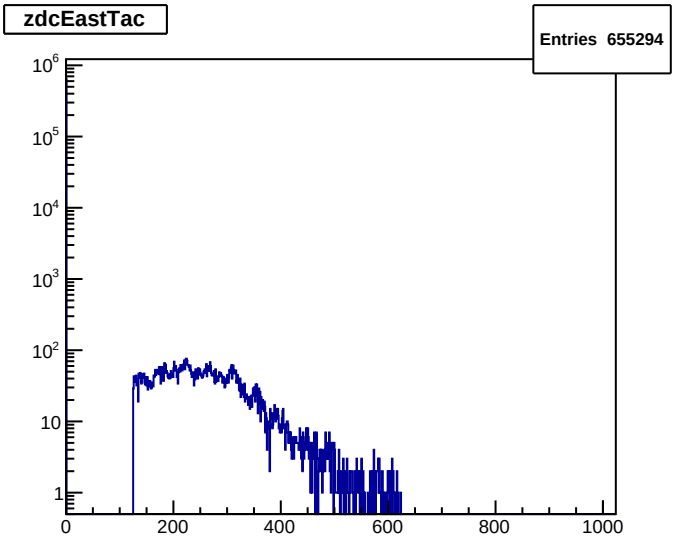

vpdEastTacMaxVsSimu
Entries 456397
Data
Simu

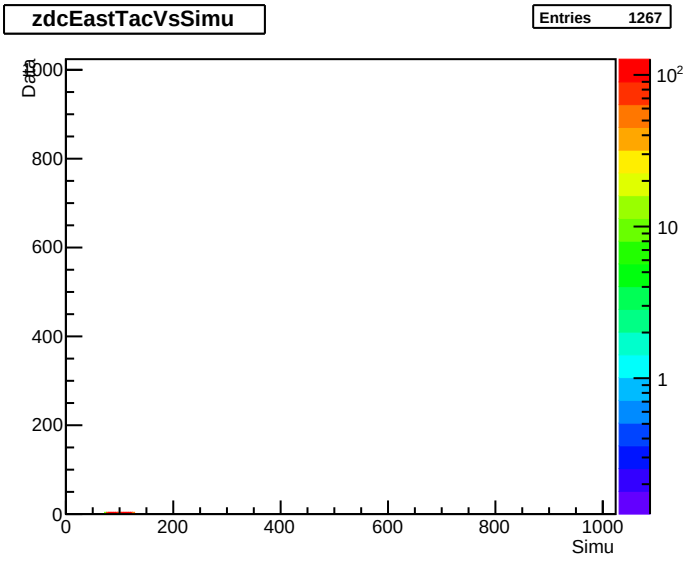

vpdWestAdcSum
Entries 655294

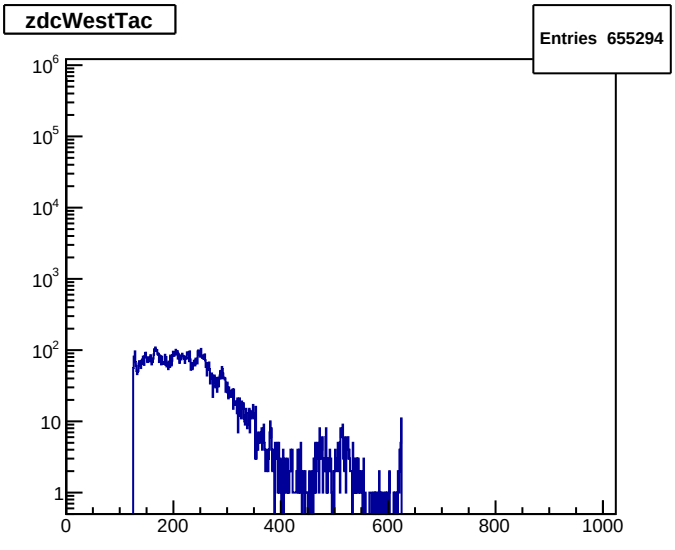

vpdWestAdcSumVsSimu
Entries 442913
Data
Simu

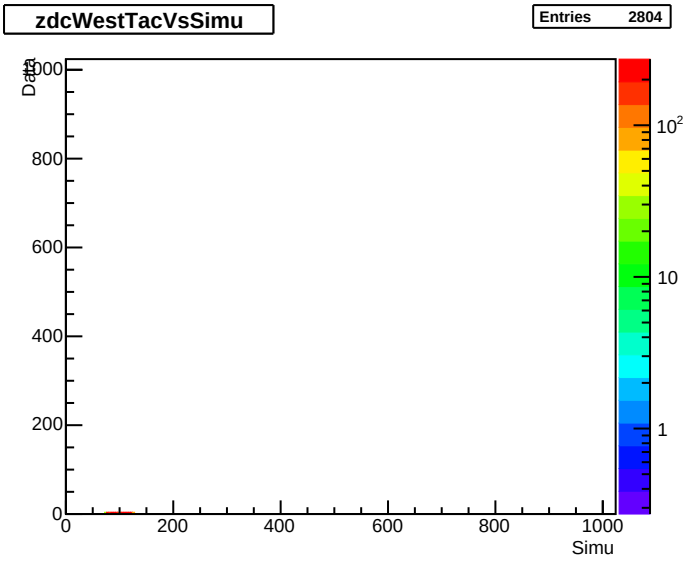

vpdWestTacMax
Entries 655294

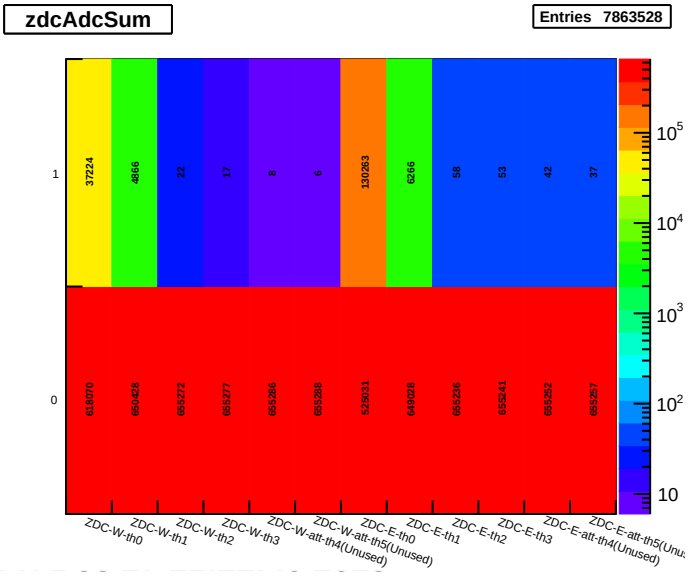

vpdWestTacMaxVsSimu
Entries 442913
Data
Simu

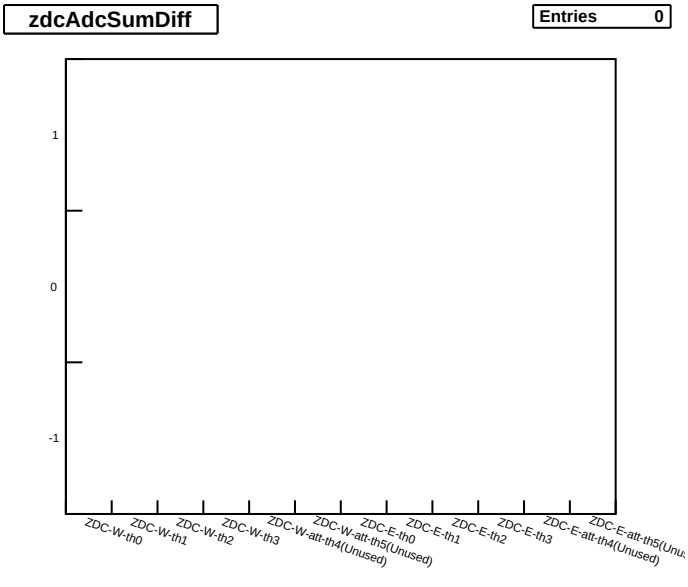

zdcEastTac
Entries 655294

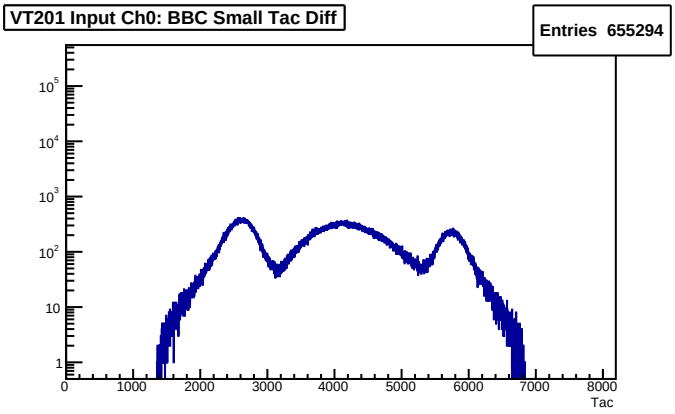

zdcEastTacVsSimu
Entries 1267
Data
Simu

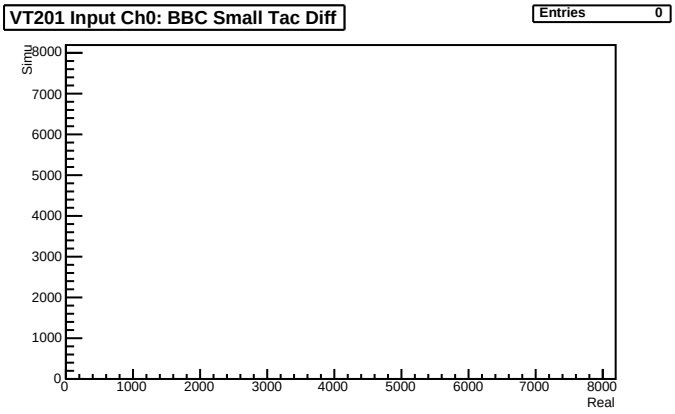

zdcWestTac
Entries 655294

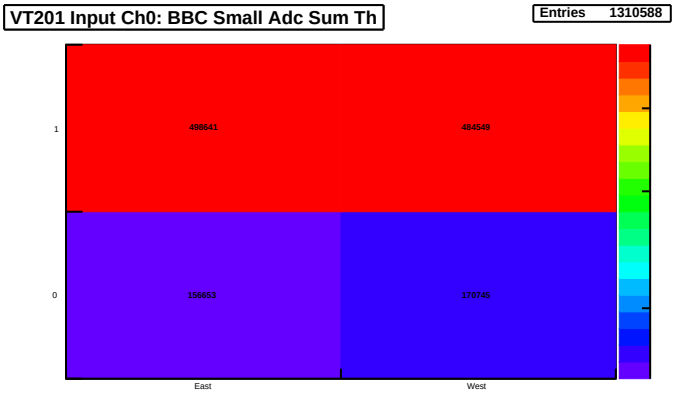

zdcWestTacVsSimu
Entries 2804
Data
Simu

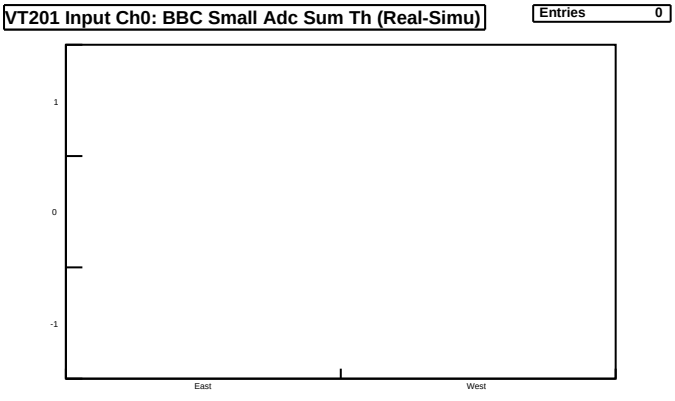

zdcAdcSum
Entries 7863528
37224
4866
22
17
8
6
130263
6266
58
53
42
37
618070
650428
655272
655277
655286
655288
525031
649028
655236
655241
655252
655257
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

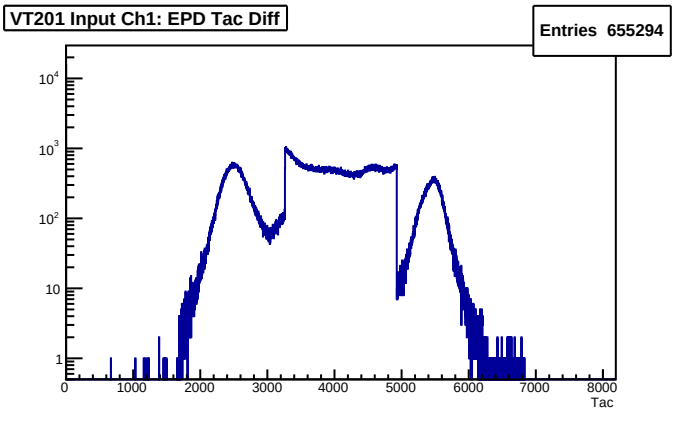

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

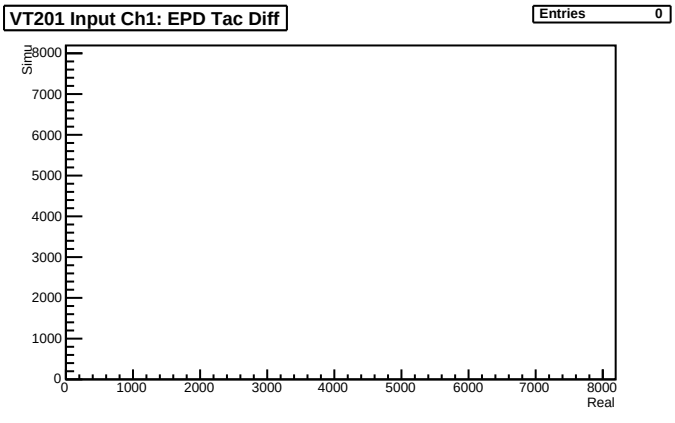

VT201 Input Ch0: BBC Small Tac Diff
Entries 655294
Tac

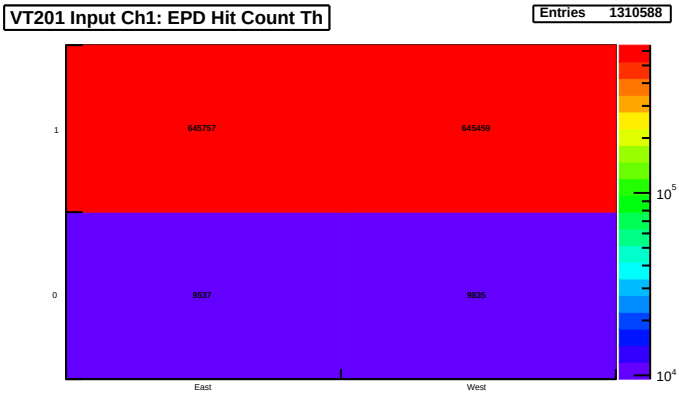

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

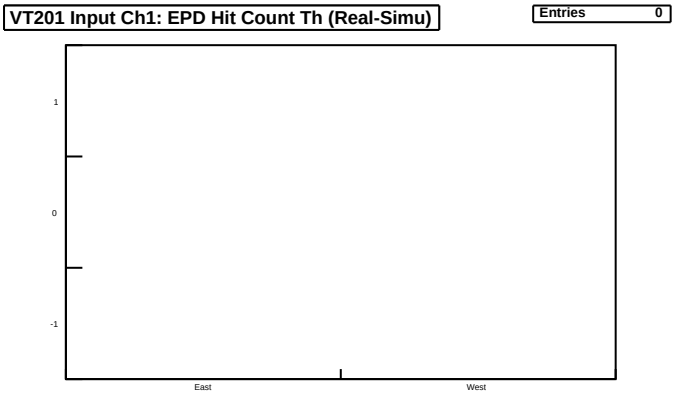

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1310588
498641
484549
156653
170745
East
West

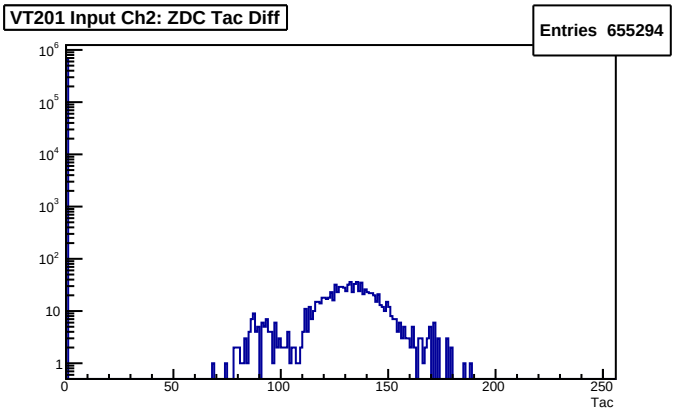

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

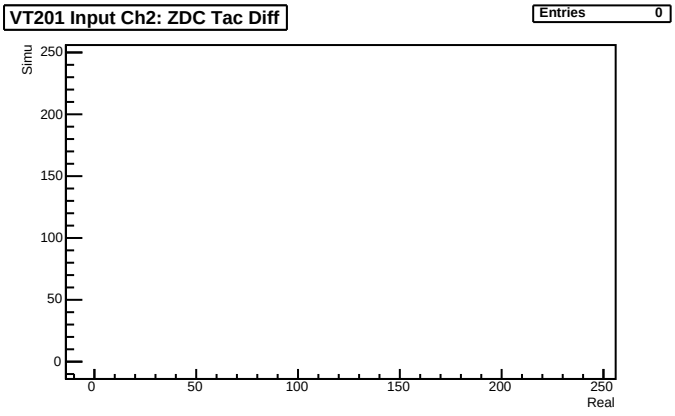

VT201 Input Ch1: EPD Tac Diff
Entries 655294
Tac

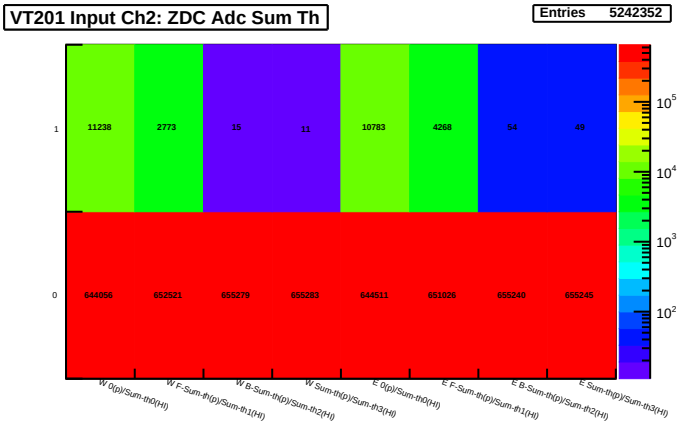

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

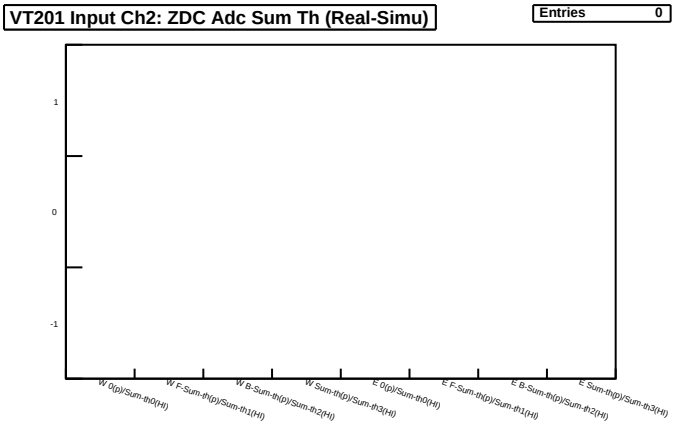

VT201 Input Ch1: EPD Hit Count Th
Entries 1310588
645757
645459
9537
9835
East
West

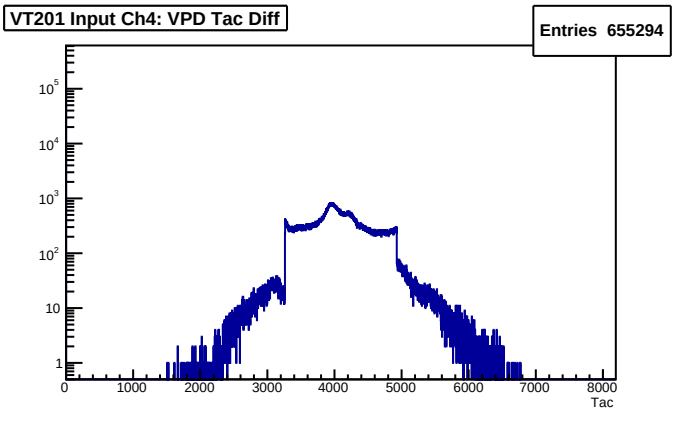

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

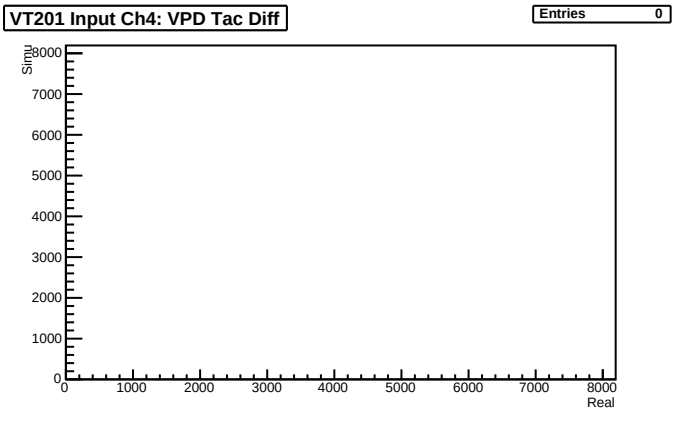

VT201 Input Ch2: ZDC Tac Diff
Entries 655294
Tac

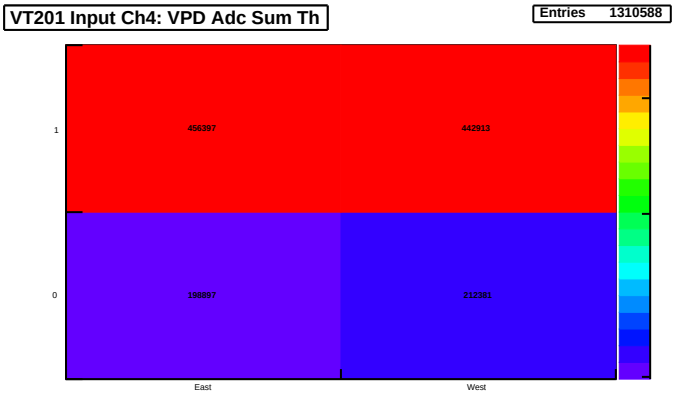

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

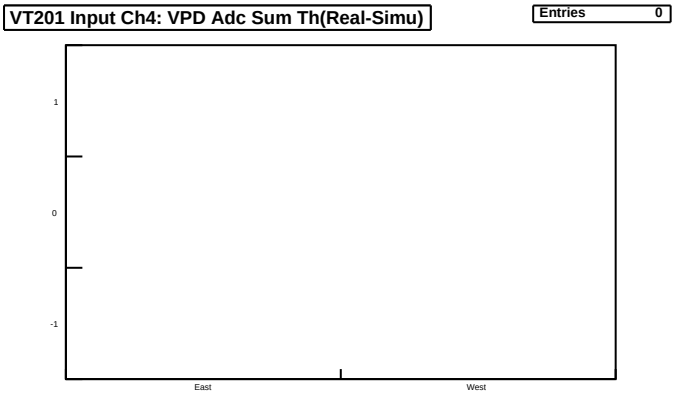

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5242352
11238
2773
15
11
10783
4268
54
49
644056
652521
655279
655283
644511
651026
655240
655245
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

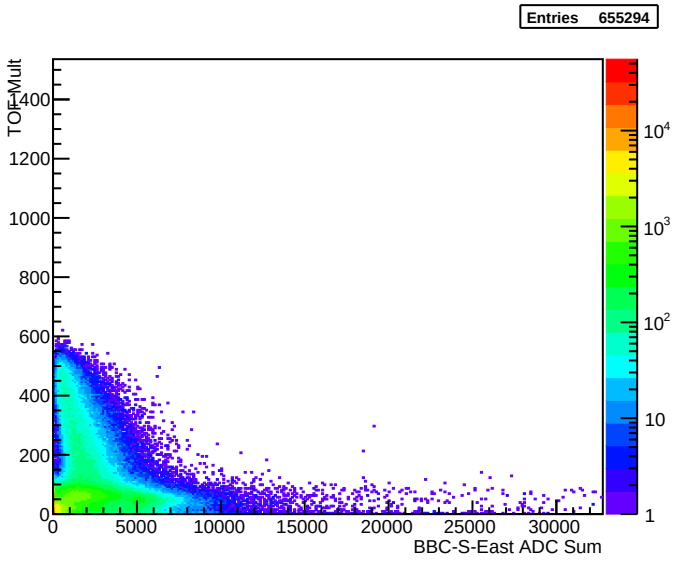

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

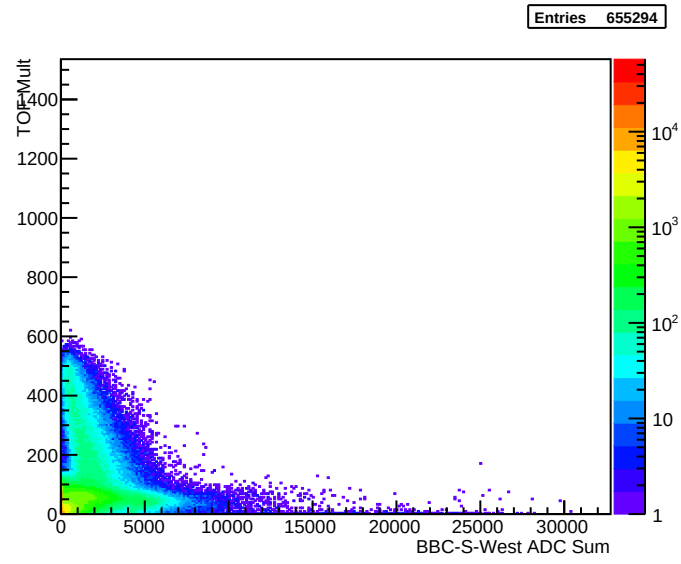

VT201 Input Ch4: VPD Tac Diff
Entries 655294
Tac

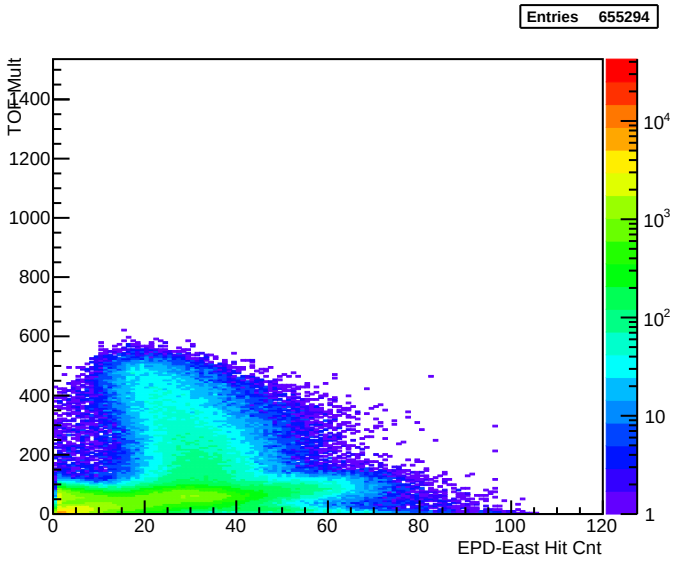

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

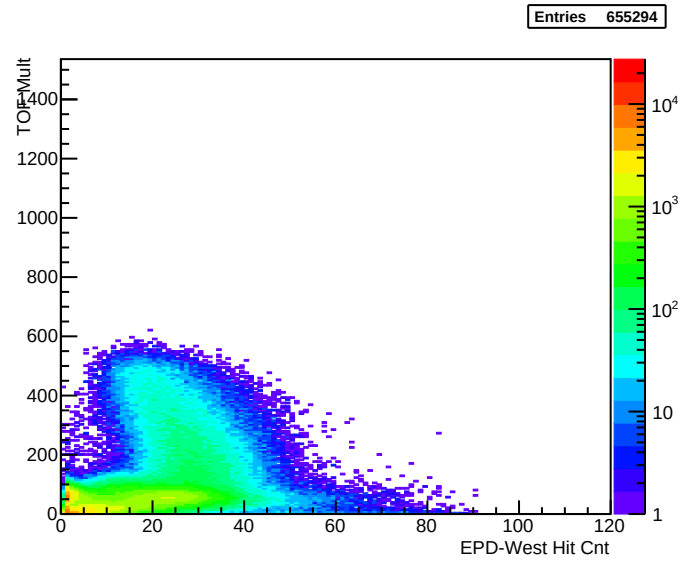

VT201 Input Ch4: VPD Adc Sum Th
Entries 1310588
456397
442913
198897
212381
East
West

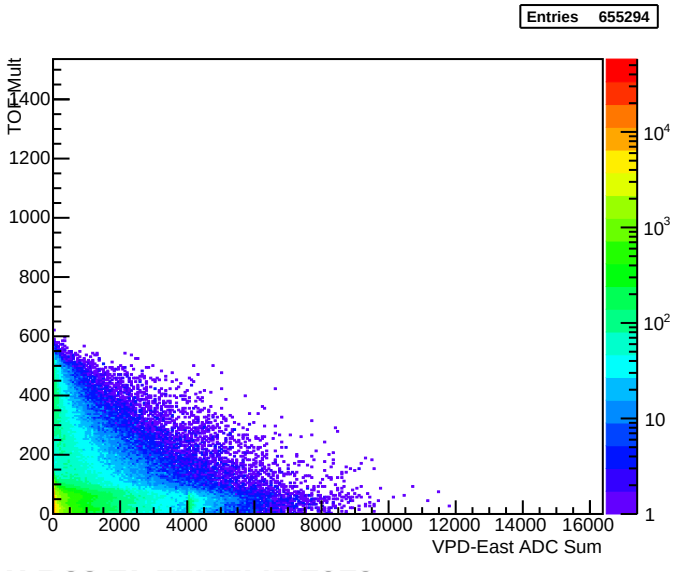

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

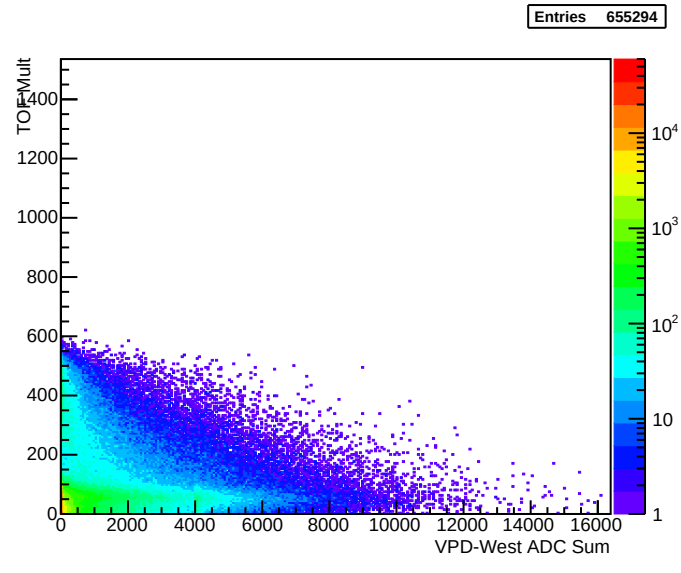

Entries 655294
TOF-Mult
BBC-S-East ADC Sum

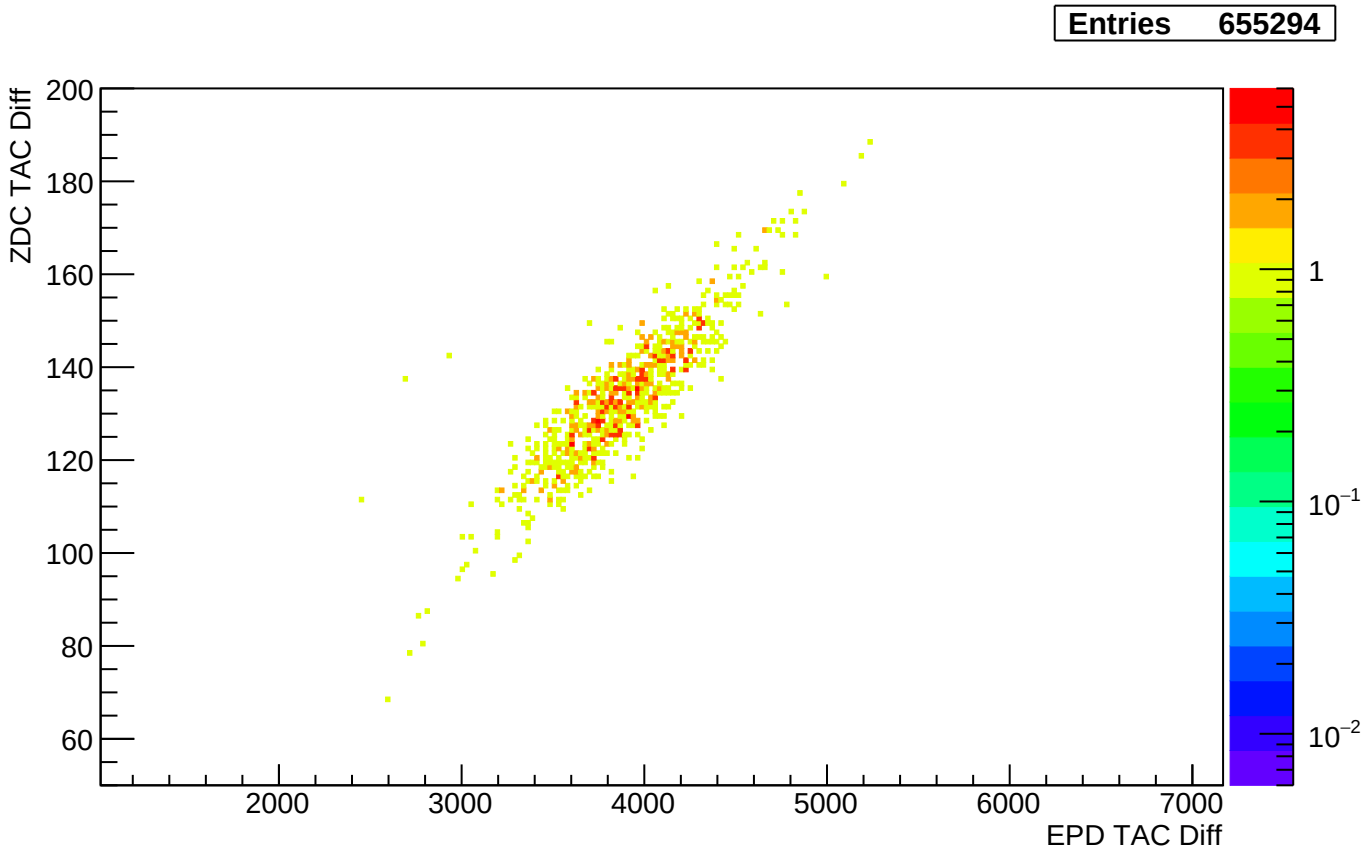

Entries 655294
TOF-Mult
BBC-S-West ADC Sum

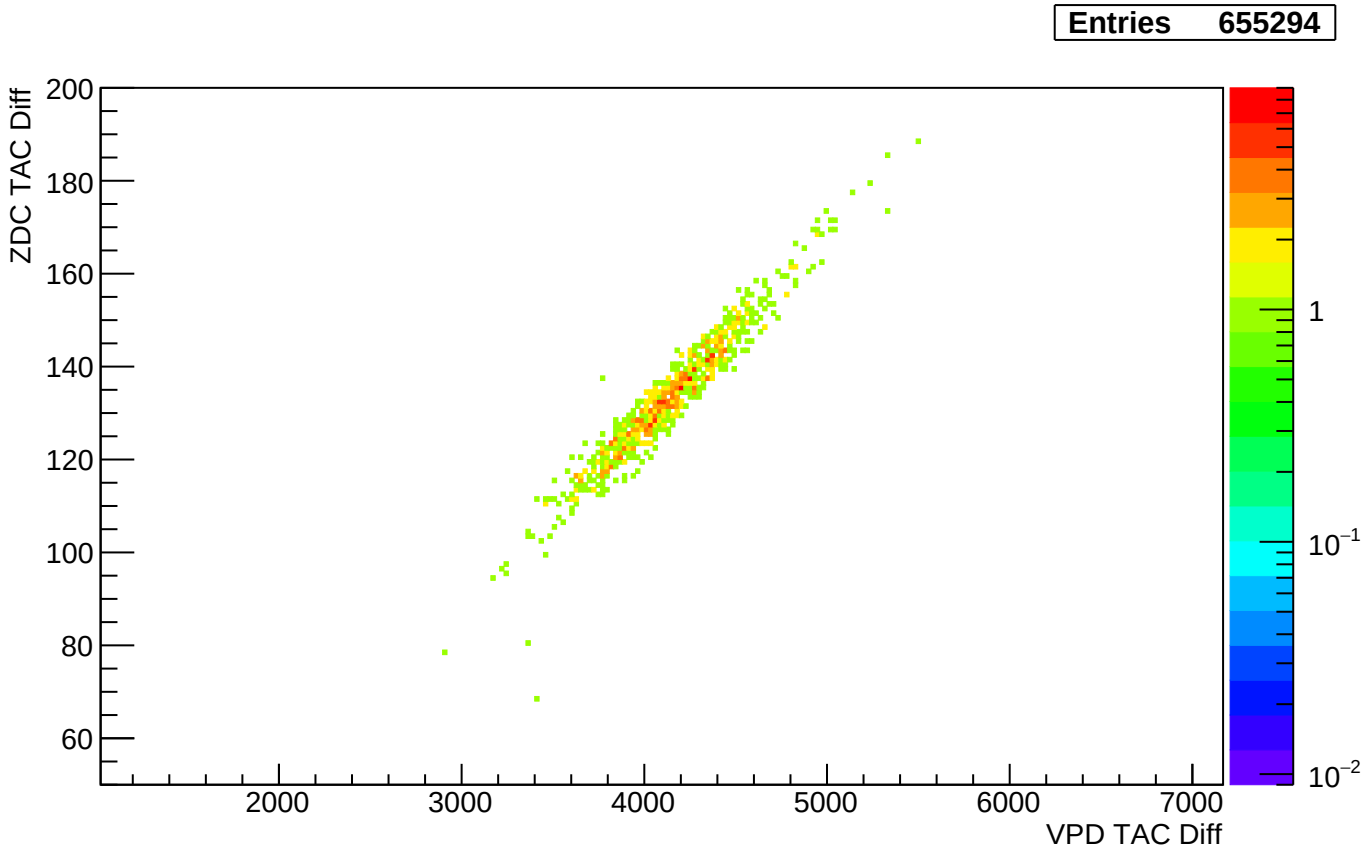

Entries 655294
TOF-Mult
EPD-East Hit Cnt

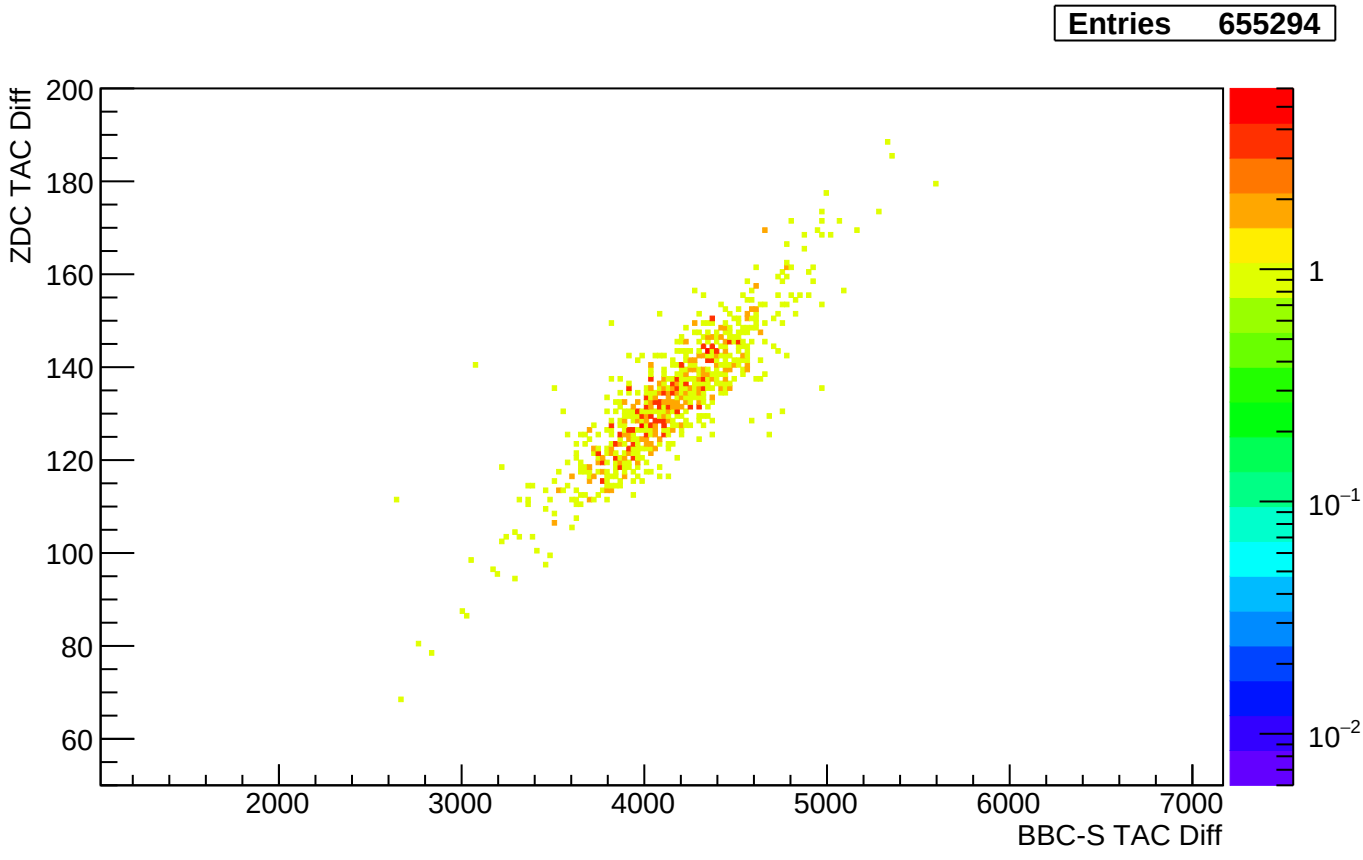

Entries 655294
TOF-Mult
EPD-West Hit Cnt

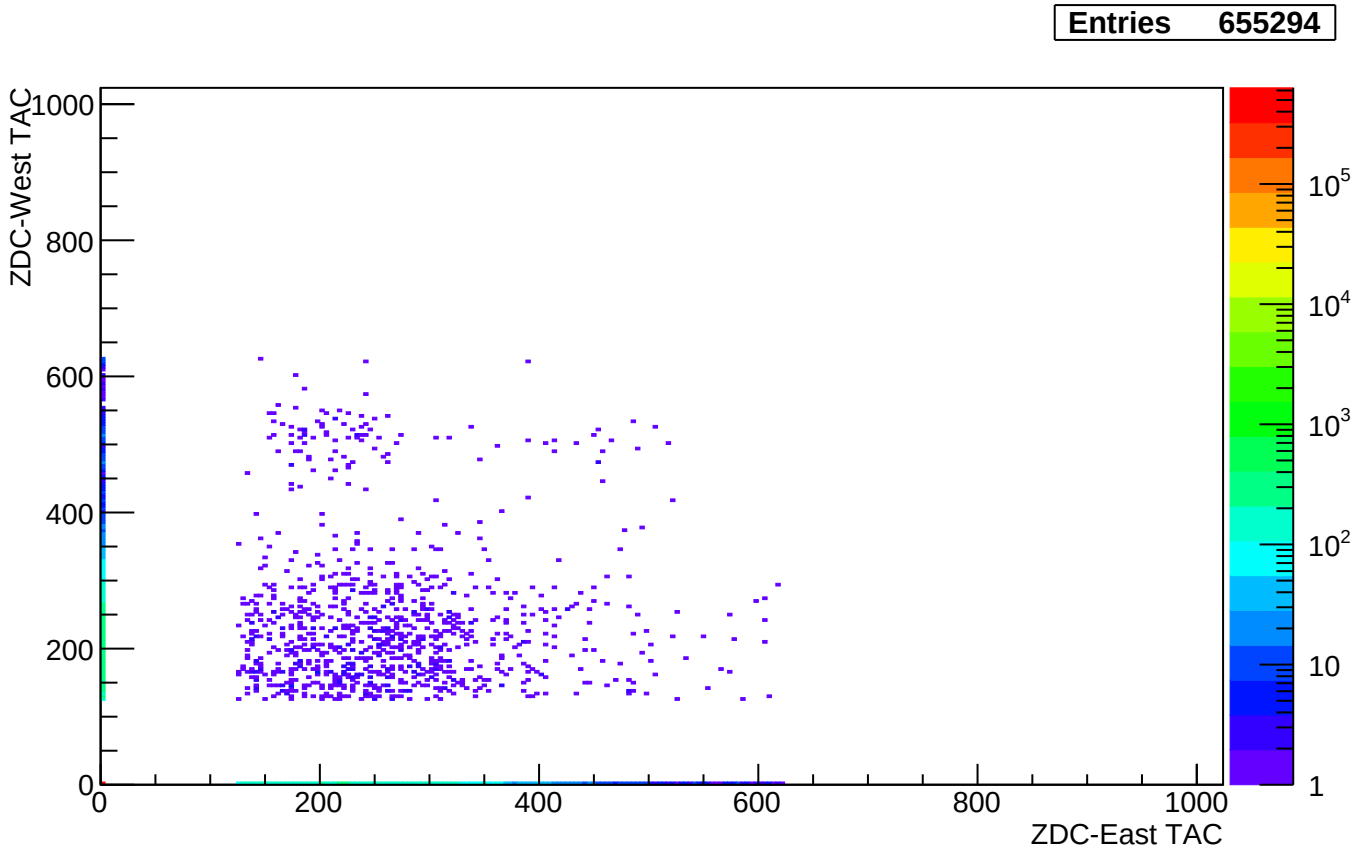

Entries 655294
TOF-Mult
VPD-East ADC Sum

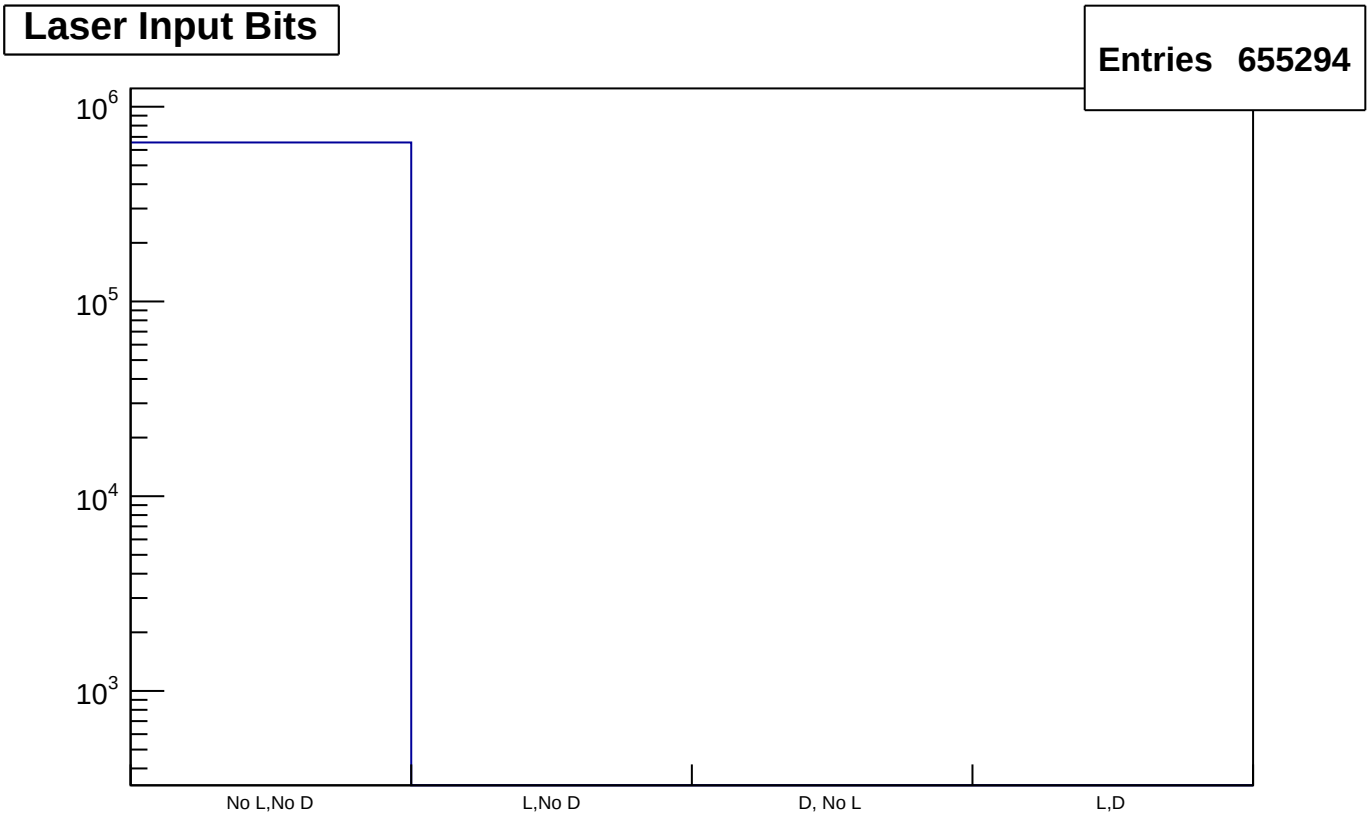

Entries 655294
TOF-Mult
VPD-West ADC Sum

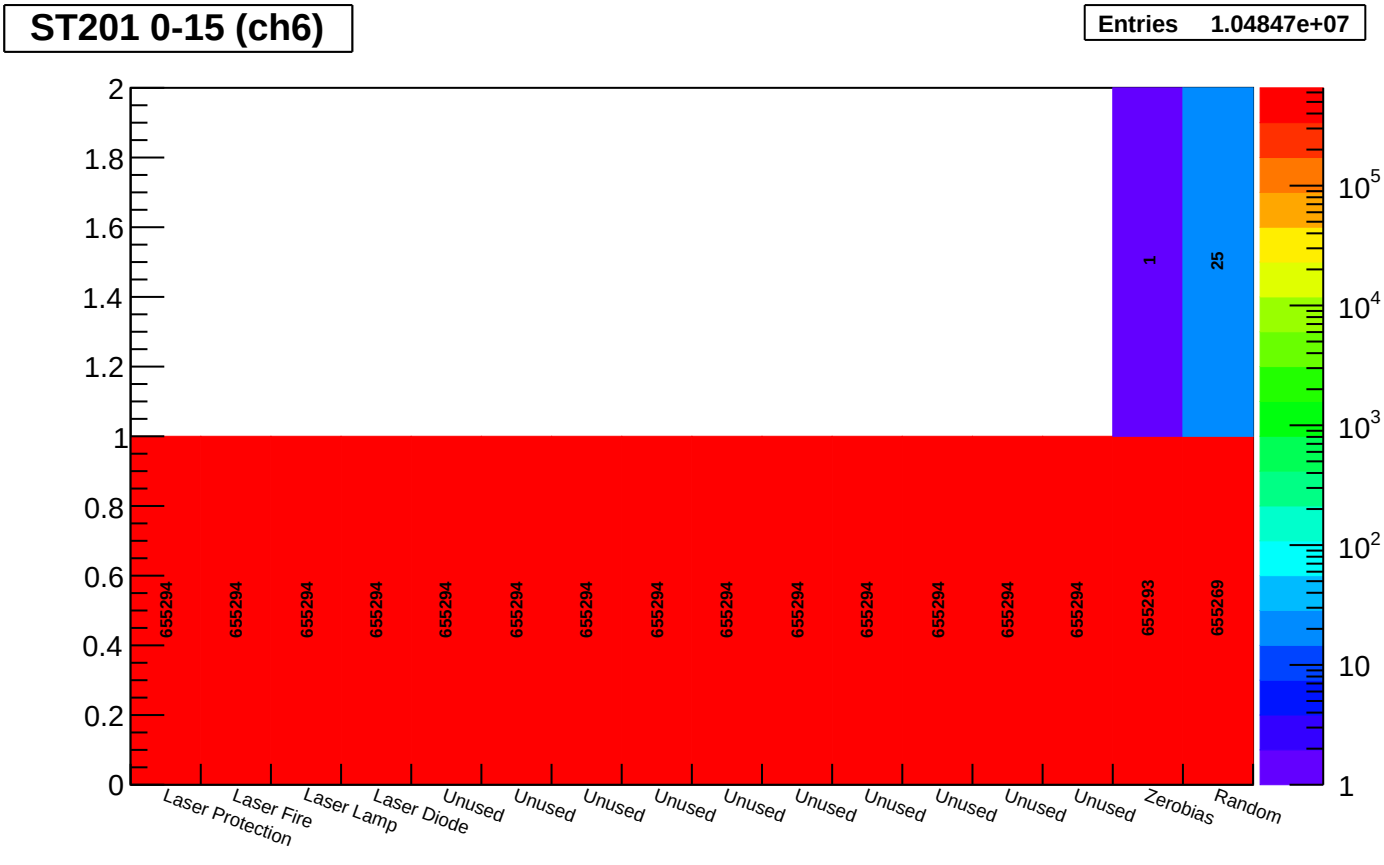

Entries 655294
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

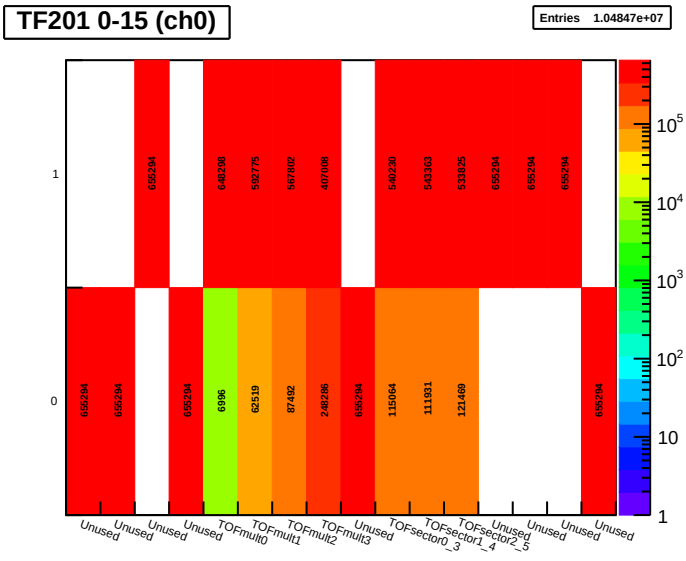

Entries 655294
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

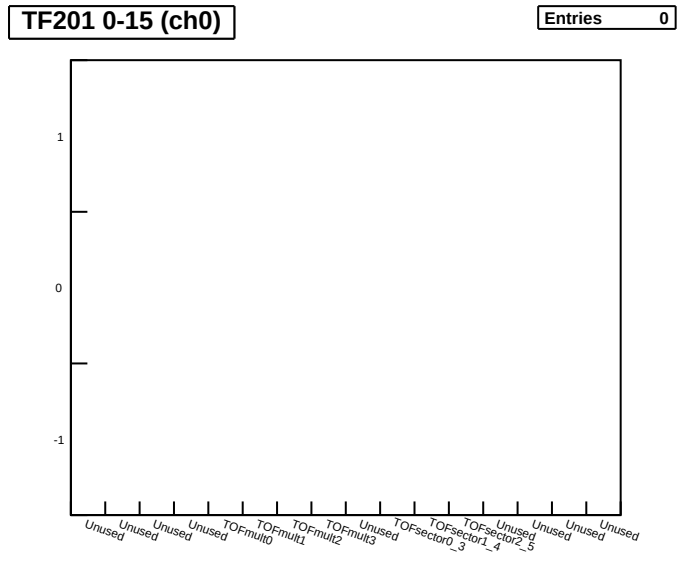

Entries 655294
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

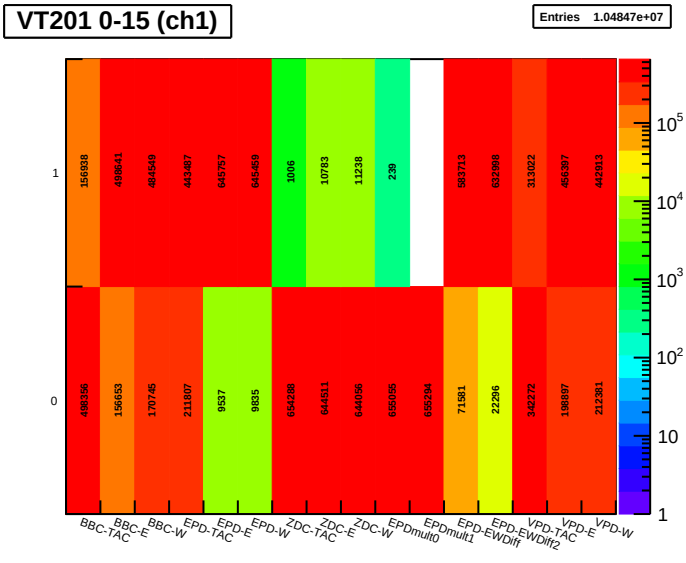

Entries 655294
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

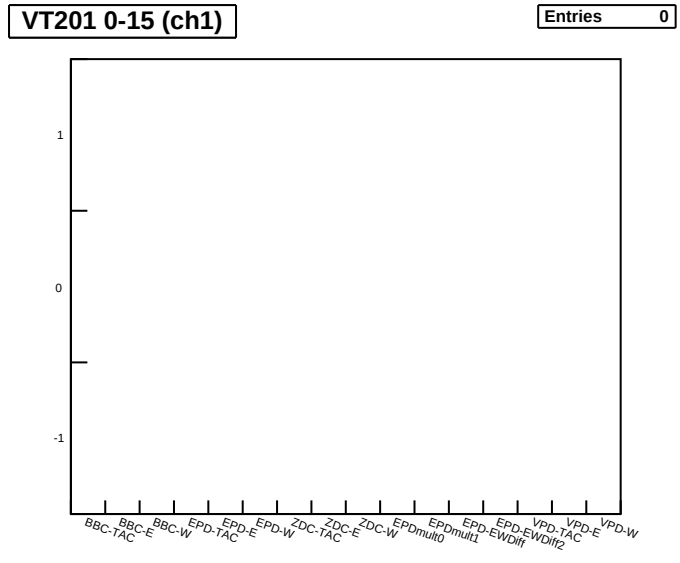

Laser Input Bits
Entries 655294
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

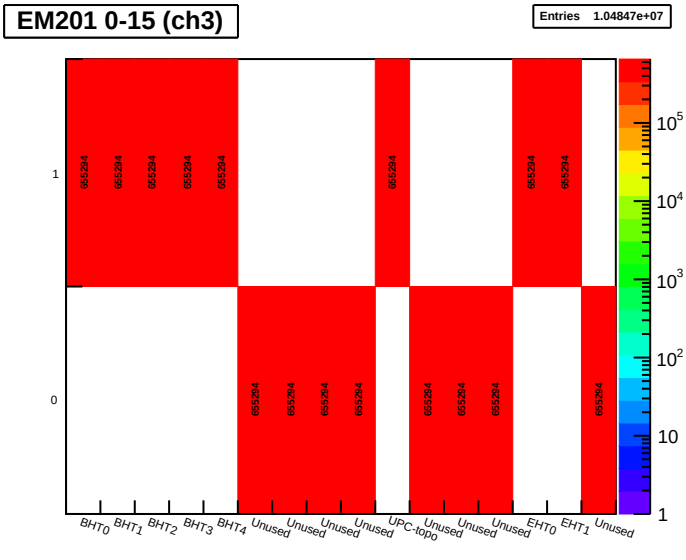

ST201 0-15 (ch6)
Entries 1.04847e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
655294
655294
655294
655294
655294
655294
655294
655294
655294
655294
655294
655294
655294
655294
655293
655269
1
25
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

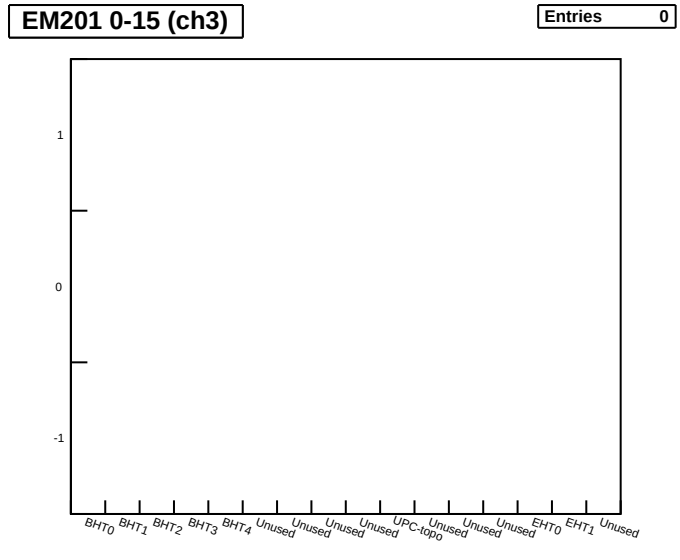

TF201 0-15 (ch0)
Entries 1.04847e+07
1
0
655294 655294 655294 6996 62519 87492 248286 655294 115064 111931 121469 655294
655294 592775 557602 407008 540230 543363 533925 655294 655294 655294
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 1.04847e+07
1
0
156938 498641 484549 443487 645757 645459 1006 10783 11238 239 583713 632998 313022 456397 442913
498356 156653 170745 211807 9537 9835 654238 644511 644056 655055 655294 71581 22296 342272 198897 212381
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 1.04847e+07
1
0
655294 655294 655294 655294 655294 655294 655294 655294
655294 655294 655294 655294 655294 655294 655294 655294
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