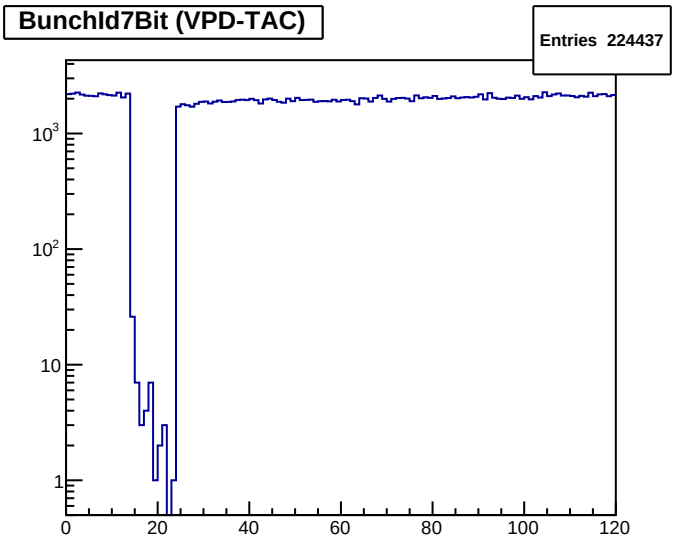
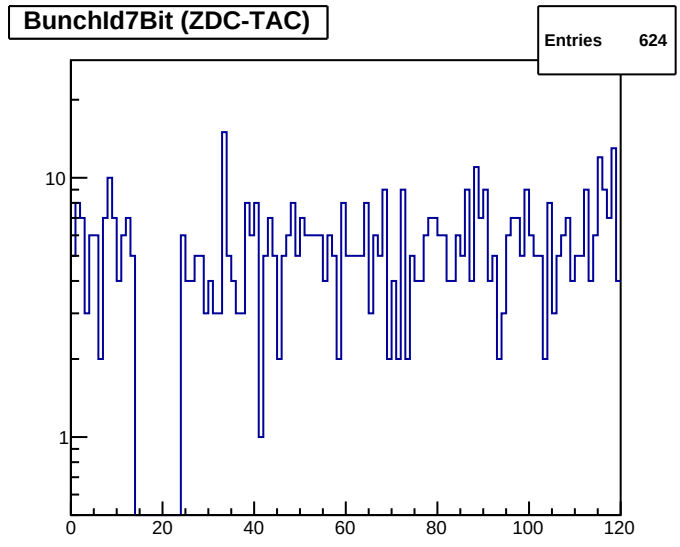
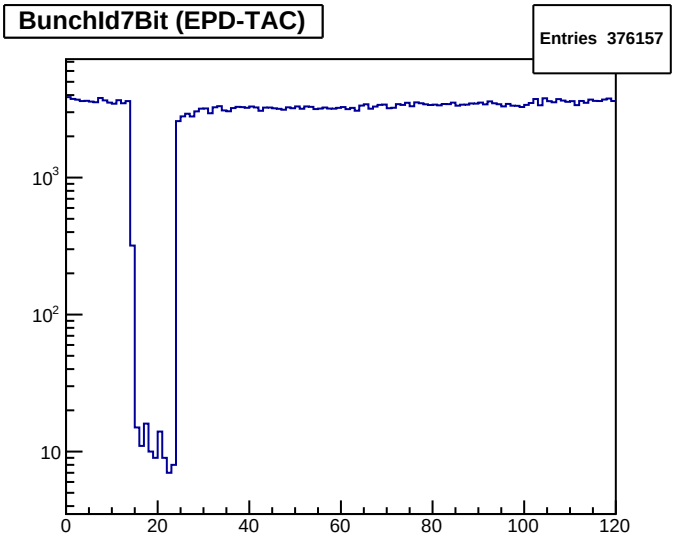
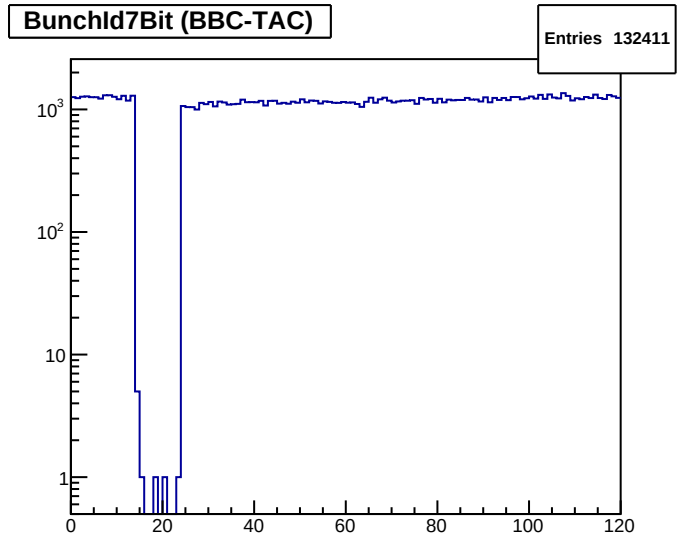
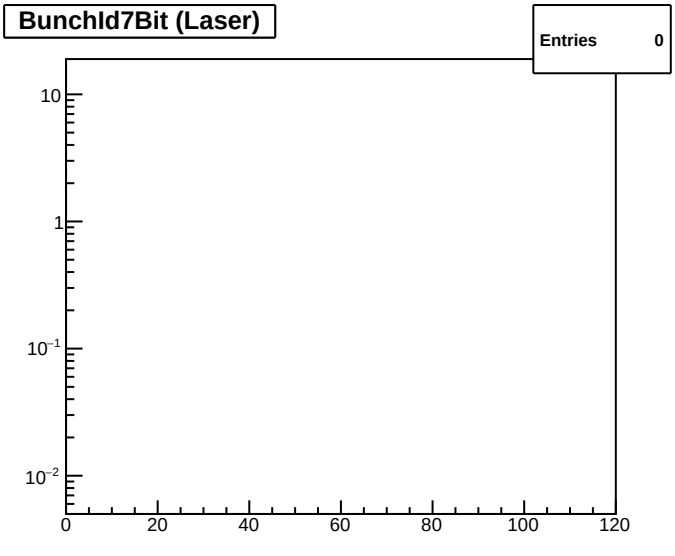
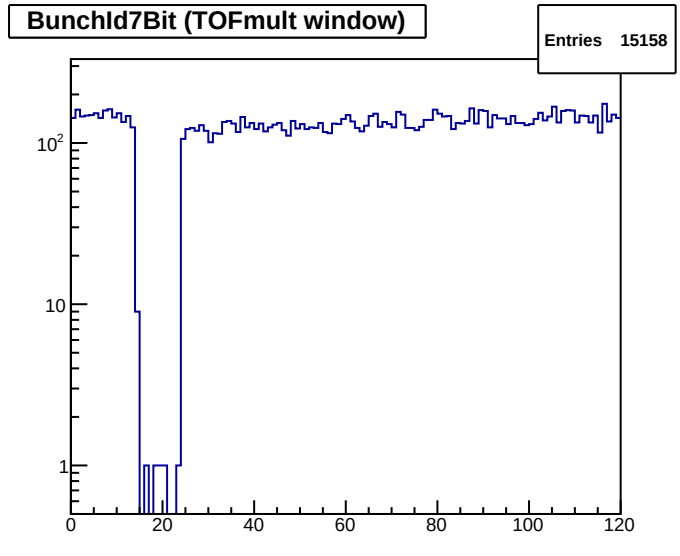

BunchId7Bit (VPD-TAC)
Entries 224437

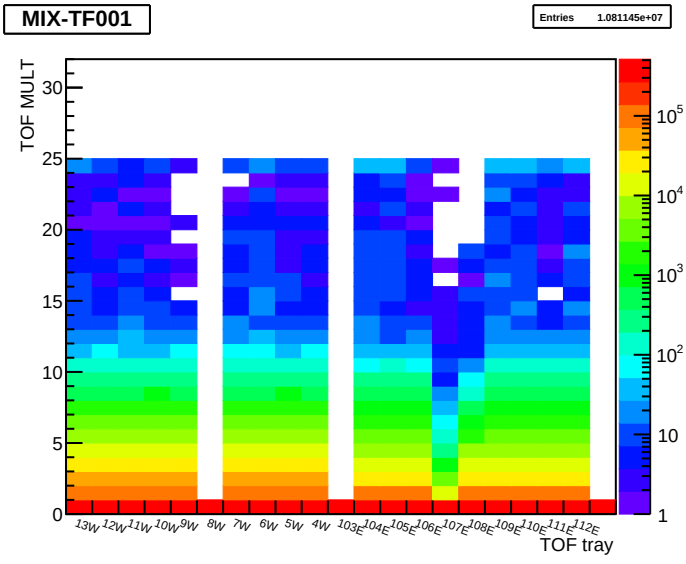

BunchId7Bit (ZDC-TAC)
Entries 624

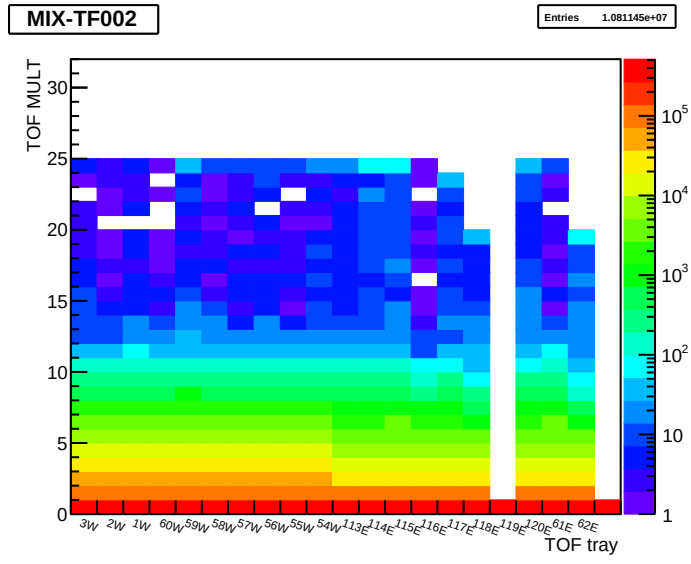

BunchId7Bit (EPD-TAC)
Entries 376157

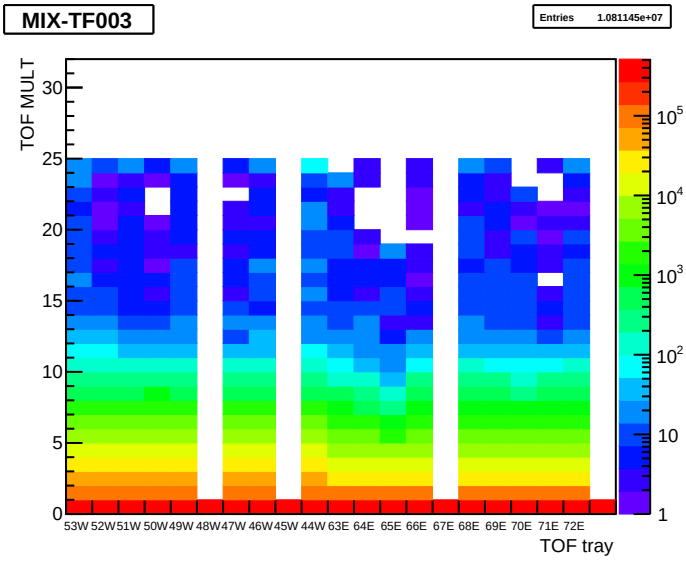

BunchId7Bit (BBC-TAC)
Entries 132411

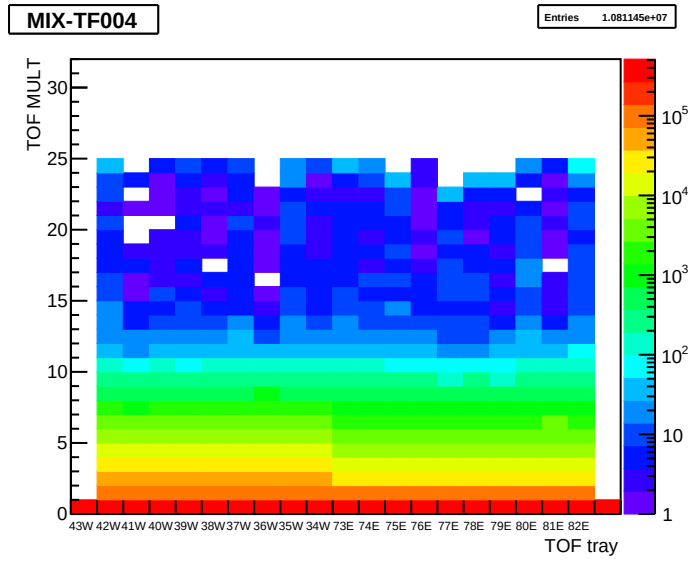

BunchId7Bit (Laser)
Entries 0

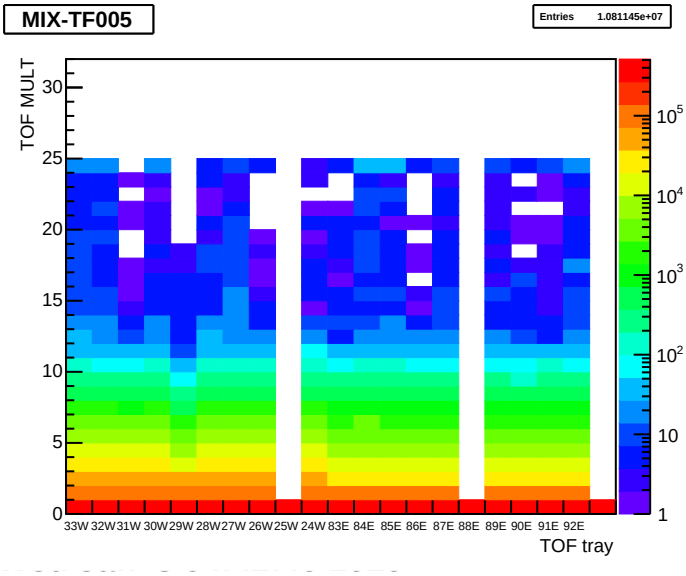

BunchId7Bit (TOFmult window)
Entries 15158

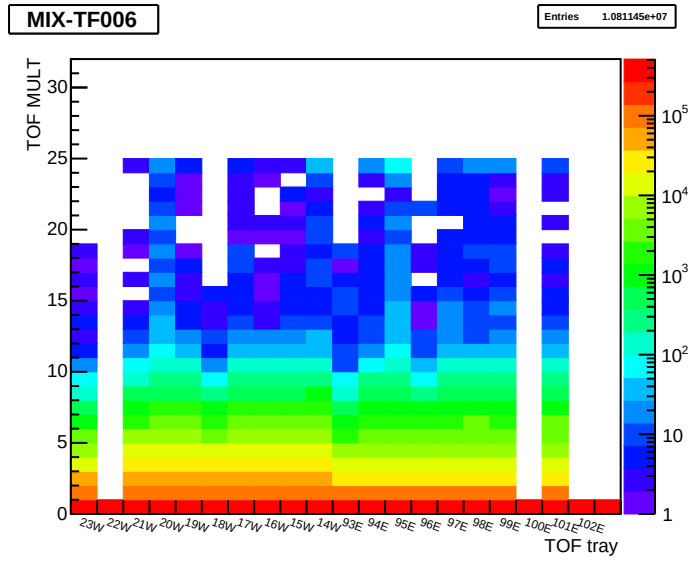

MIX-TF001
Entries 1.081145e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

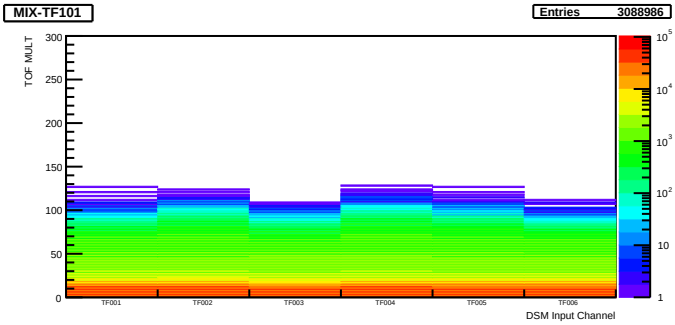

MIX-TF002
Entries 1.081145e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

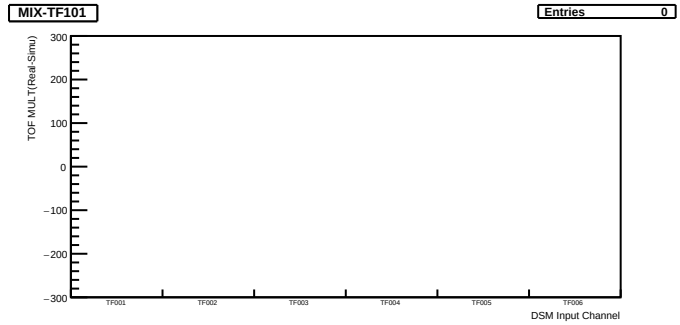

MIX-TF003
Entries 1.081145e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

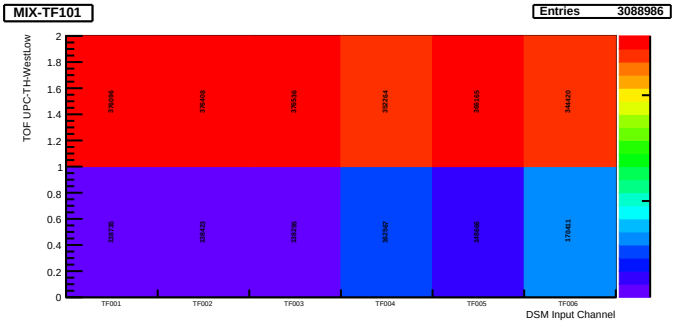

MIX-TF004
Entries 1.081145e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

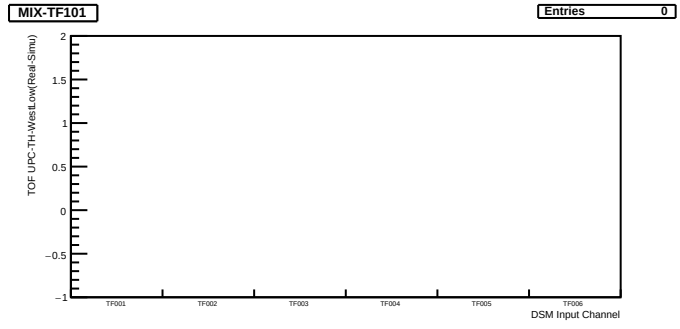

MIX-TF005
Entries 1.081145e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

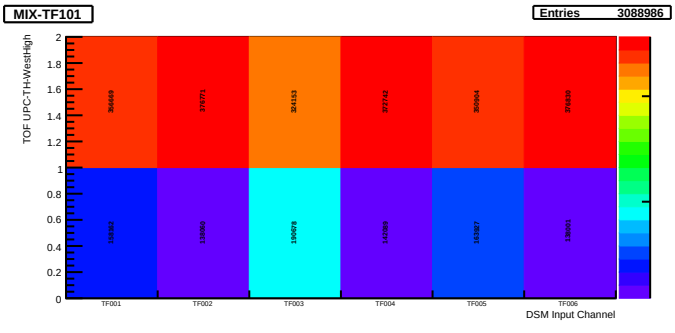

MIX-TF006
Entries 1.081145e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

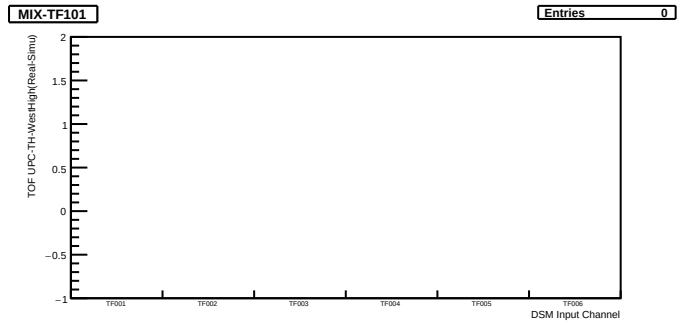

MIX-TF101
Entries 3088986
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

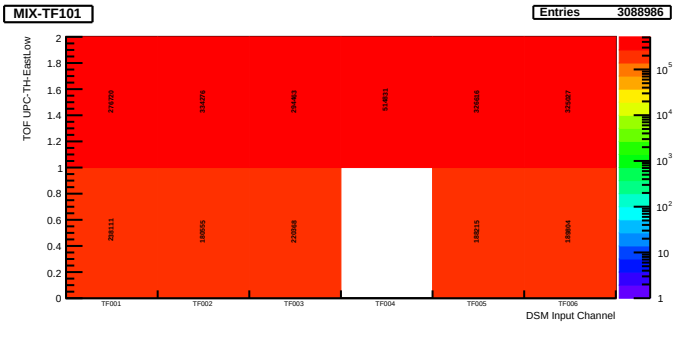

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

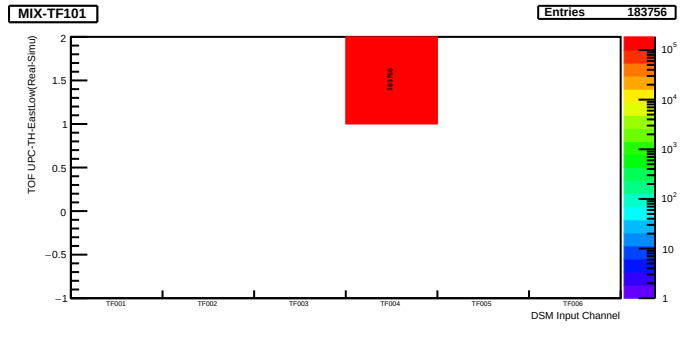

MIX-TF101
Entries 3088986
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

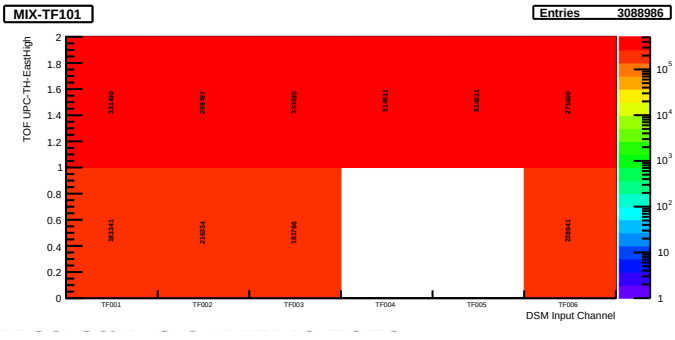

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

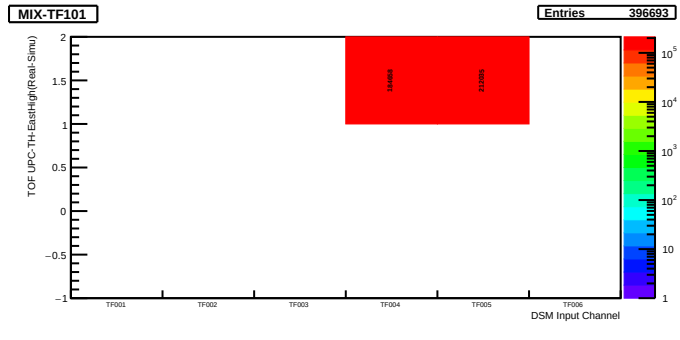

MIX-TF101
Entries 3088986
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

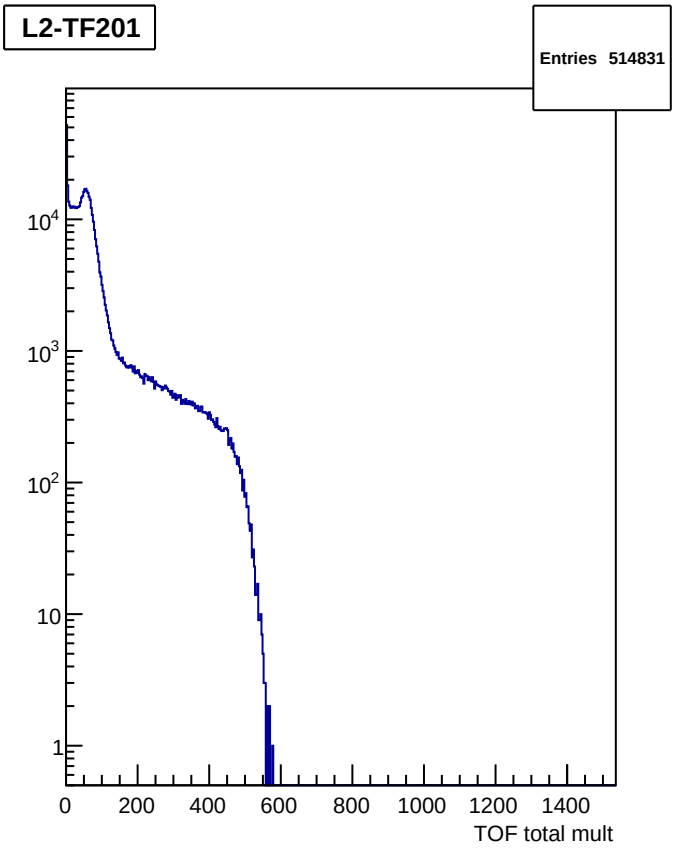

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

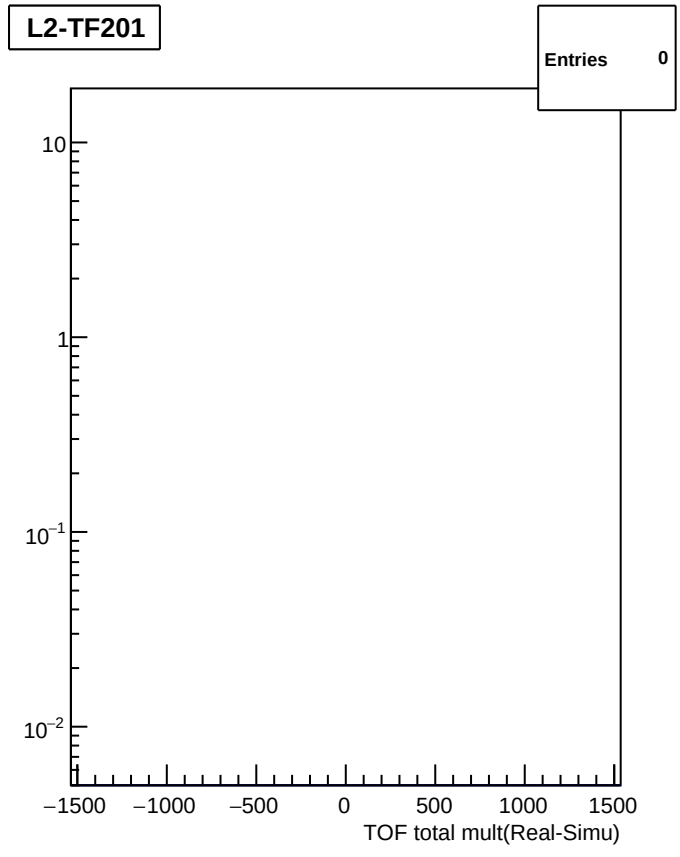

MIX-TF101
Entries 3088986
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

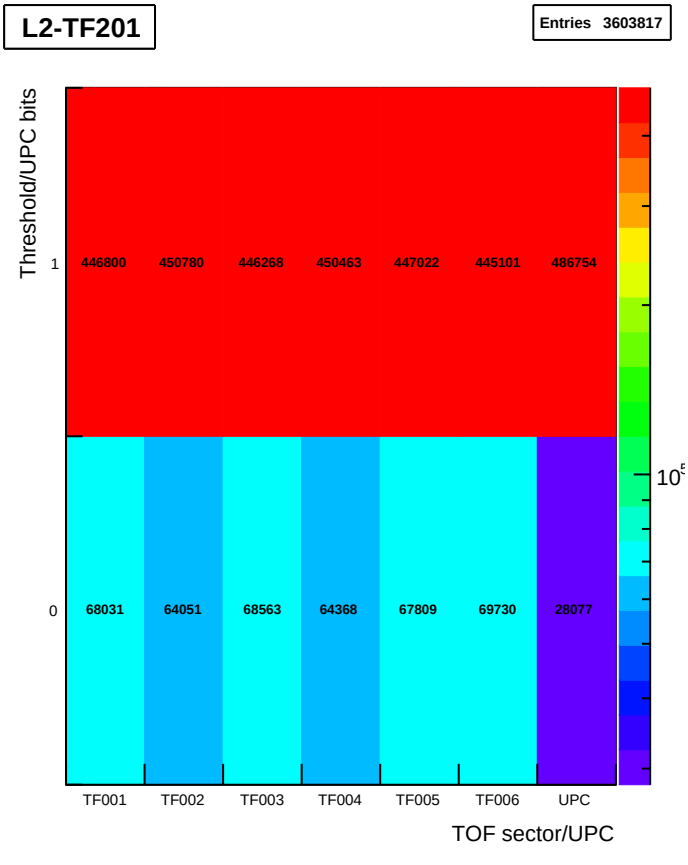

MIX-TF101
Entries 183756
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

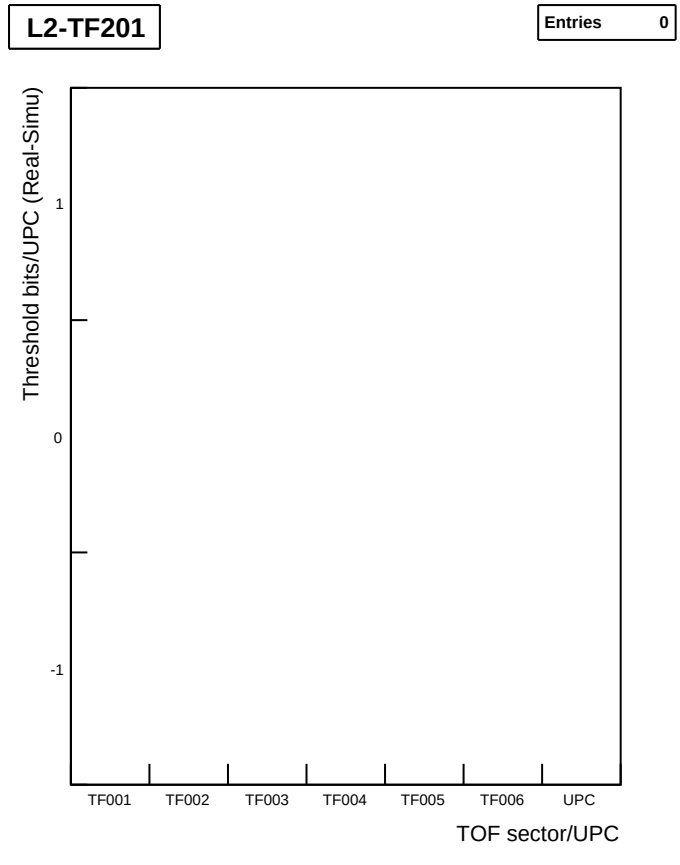

MIX-TF101
Entries 3088986
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

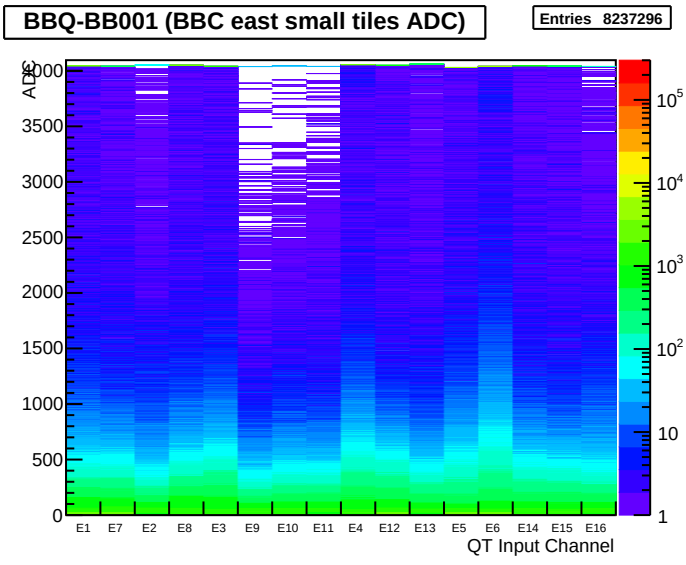

MIX-TF101
Entries 396693
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

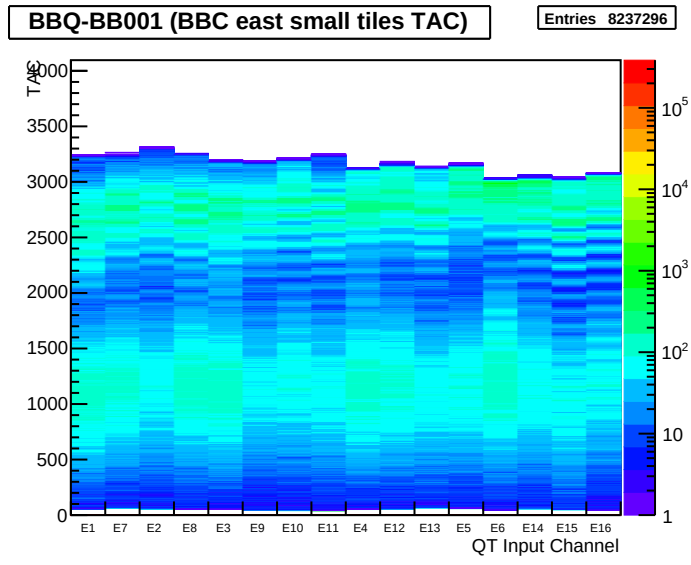

L2-TF201
Entries 514831
TOF total mult

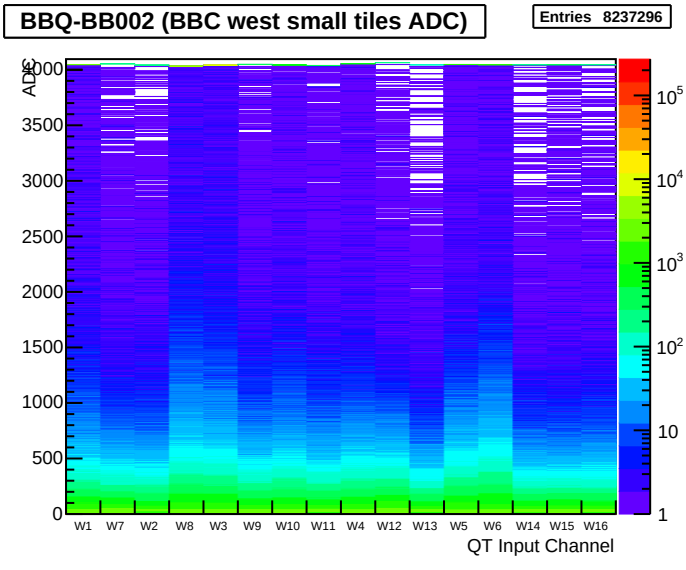

L2-TF201
Entries 0
TOF total mult(Real-Simu)

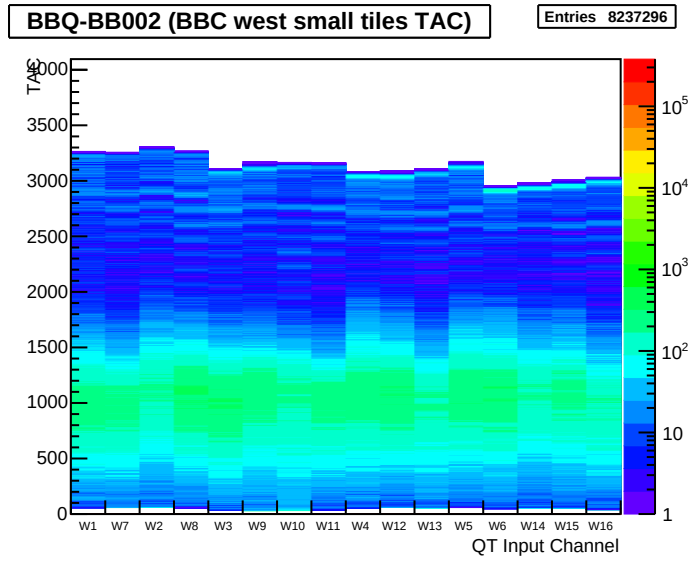

L2-TF201
Entries 3603817
Threshold/UPC bits
446800
450780
446268
450463
447022
445101
486754
68031
64051
68563
64368
67809
69730
28077
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

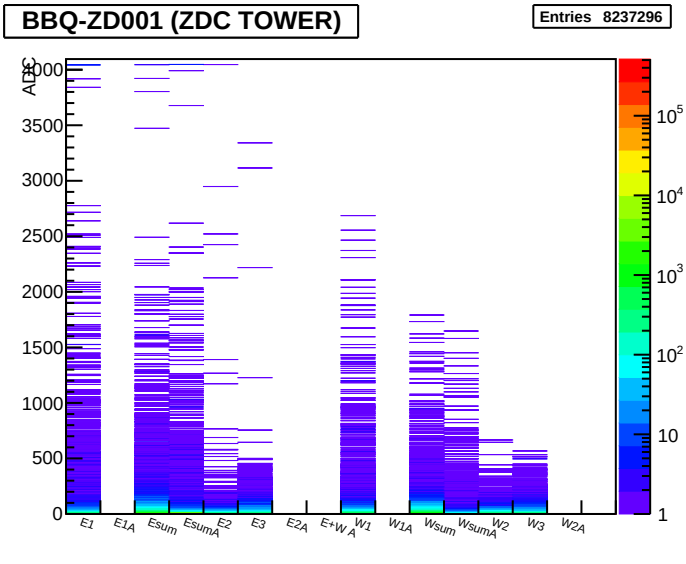

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

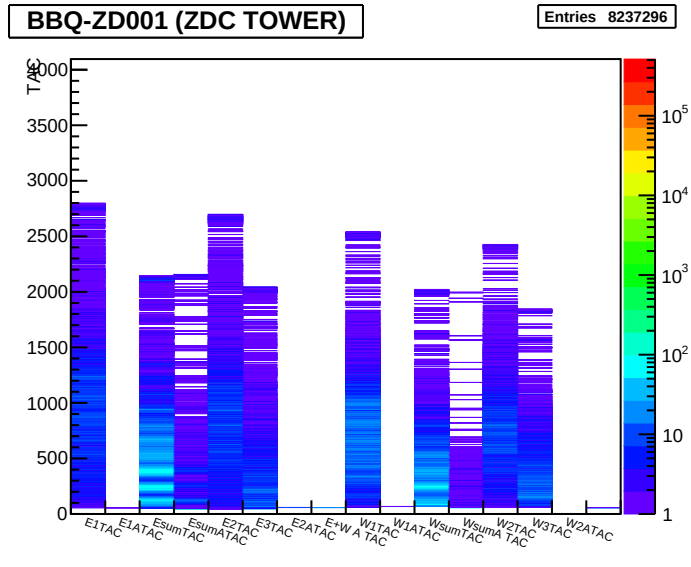

BBQ-BB001 (BBC east small tiles ADC)
Entries 8237296
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

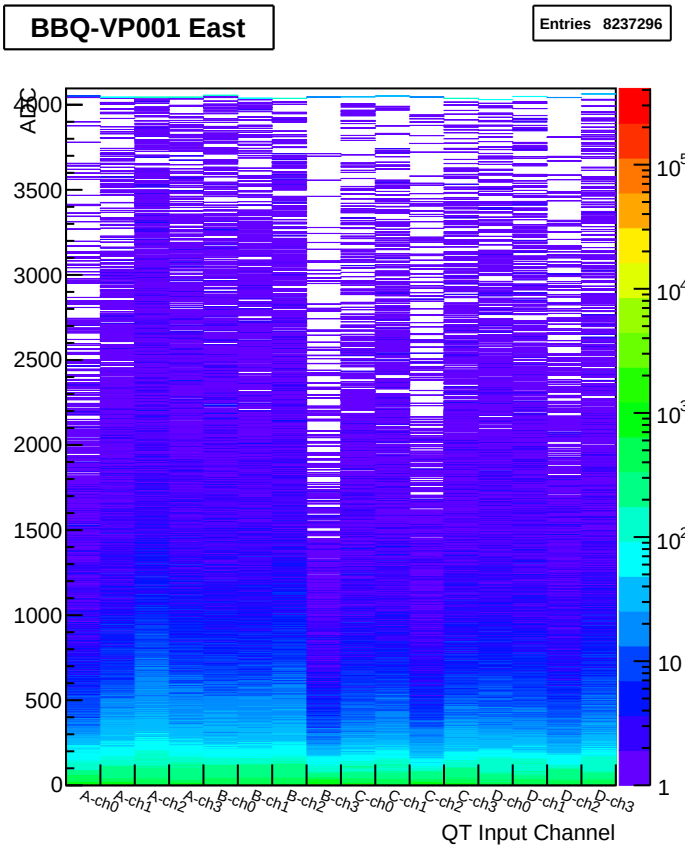

BBQ-BB001 (BBC east small tiles TAC)
Entries 8237296
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

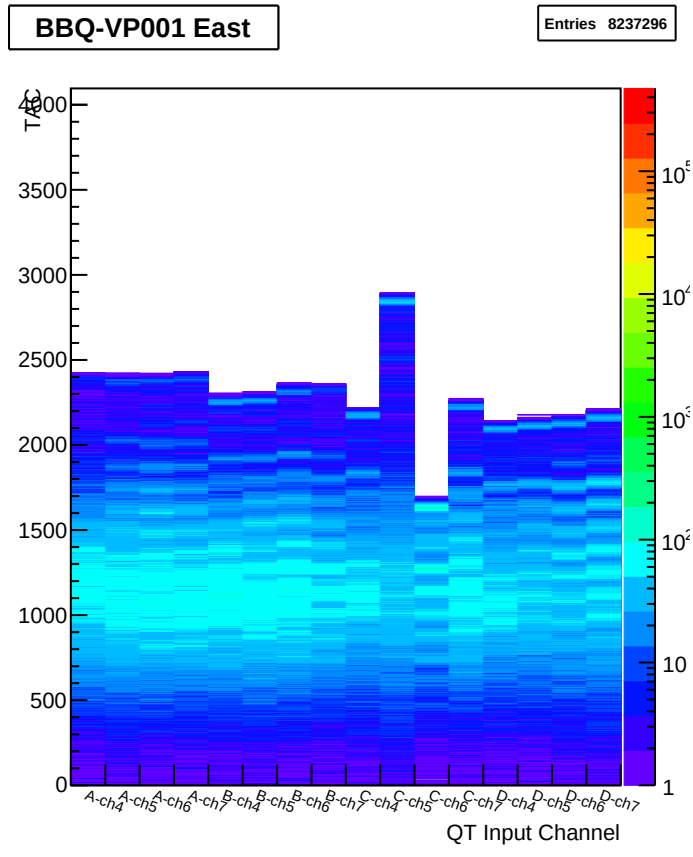

BBQ-BB002 (BBC west small tiles ADC)
Entries 8237296
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

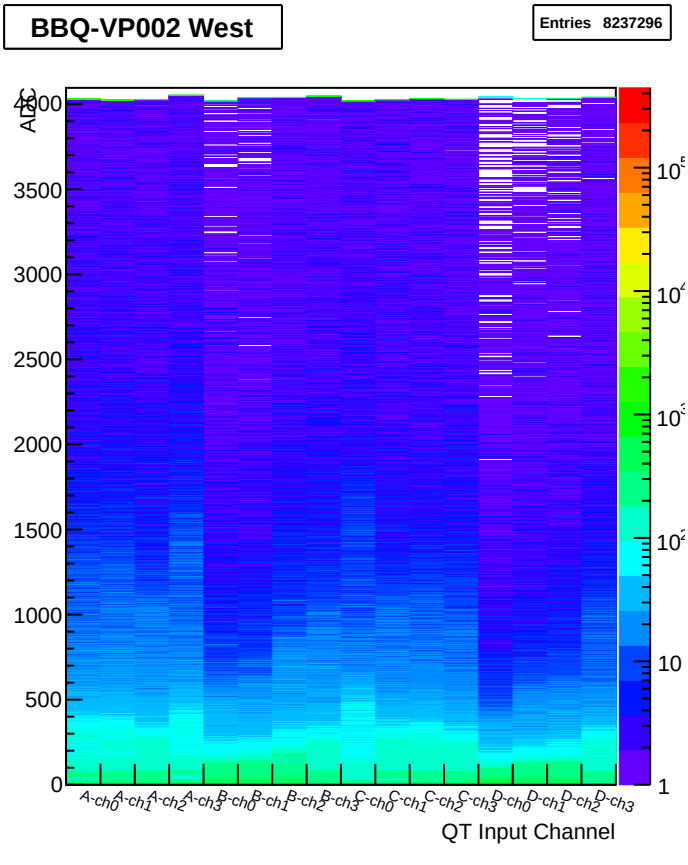

BBQ-BB002 (BBC west small tiles TAC)
Entries 8237296
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

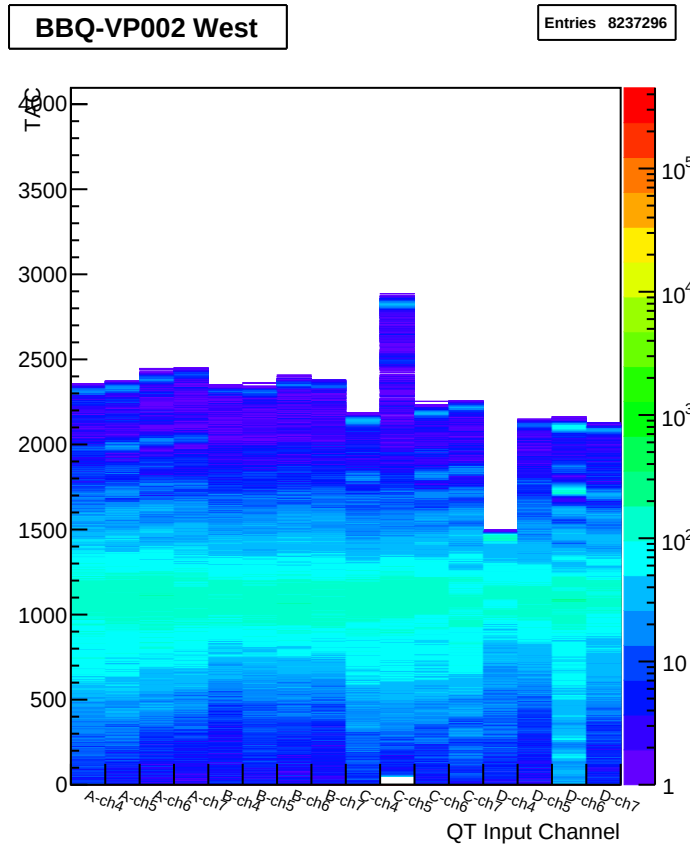

BBQ-ZD001 (ZDC TOWER)
Entries 8237296
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

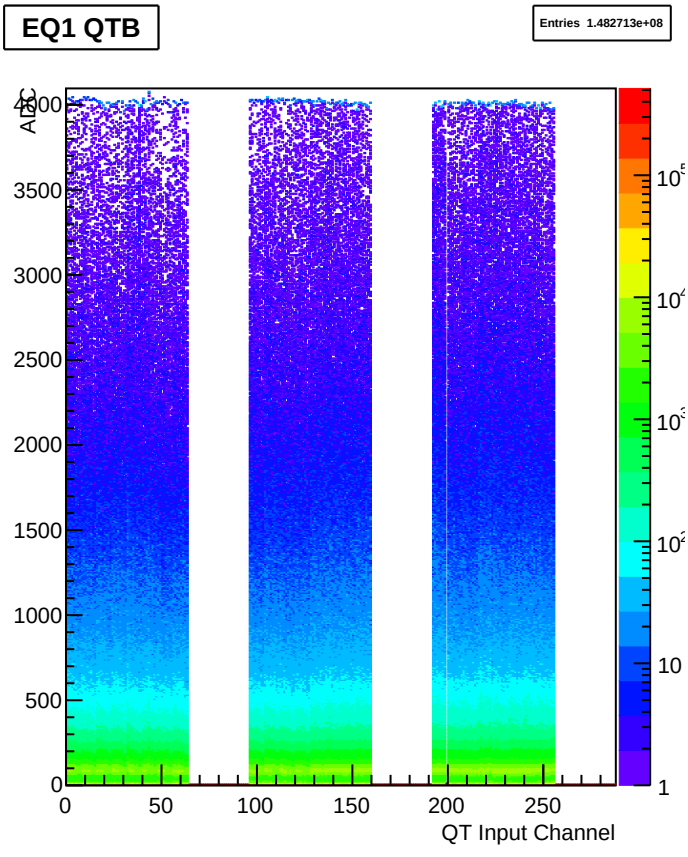

BBQ-ZD001 (ZDC TOWER)
Entries 8237296
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

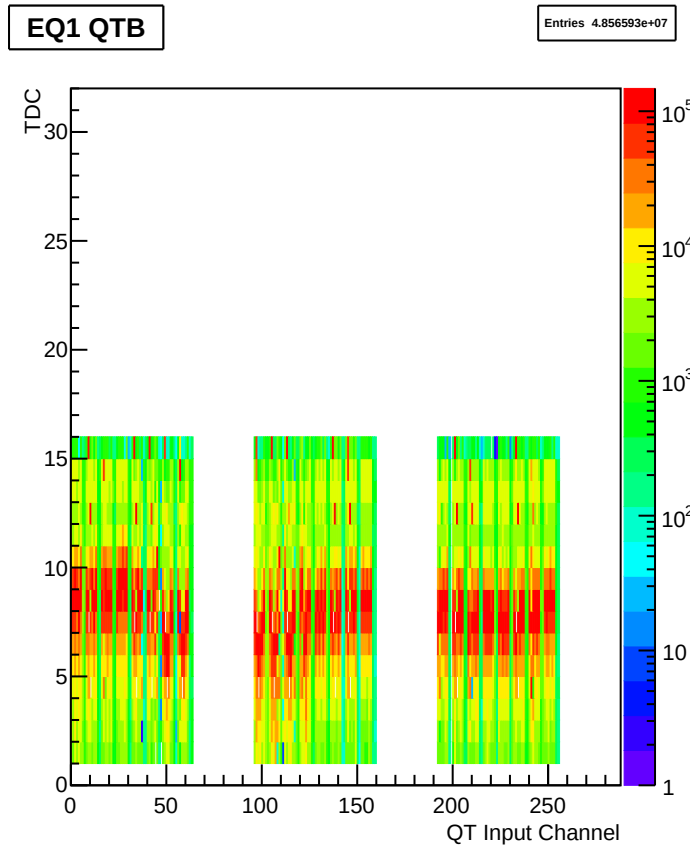

BBQ-VP001 East
Entries 8237296
ADC
QT Input Channel

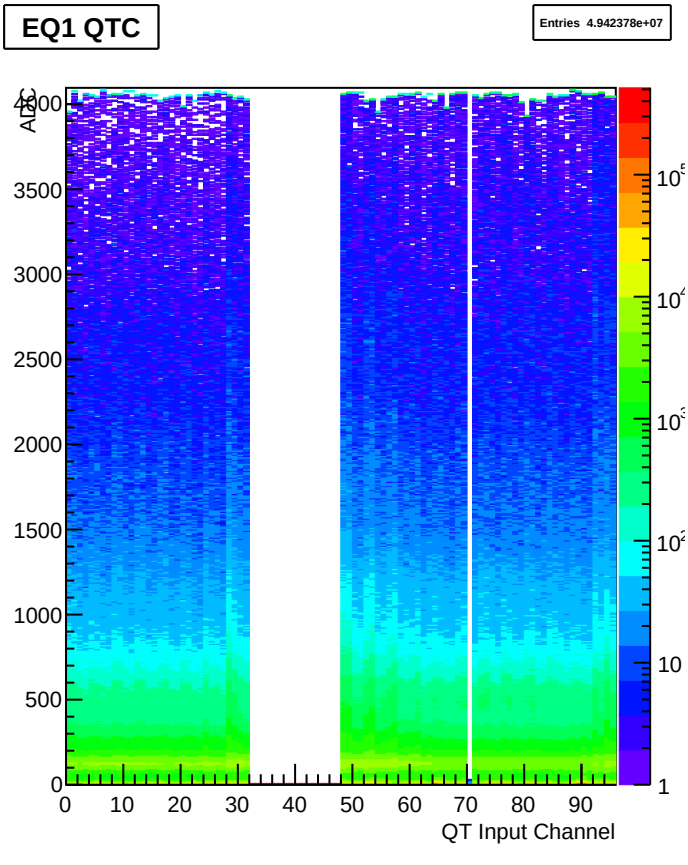

BBQ-VP001 East
Entries 8237296
ADC
QT Input Channel

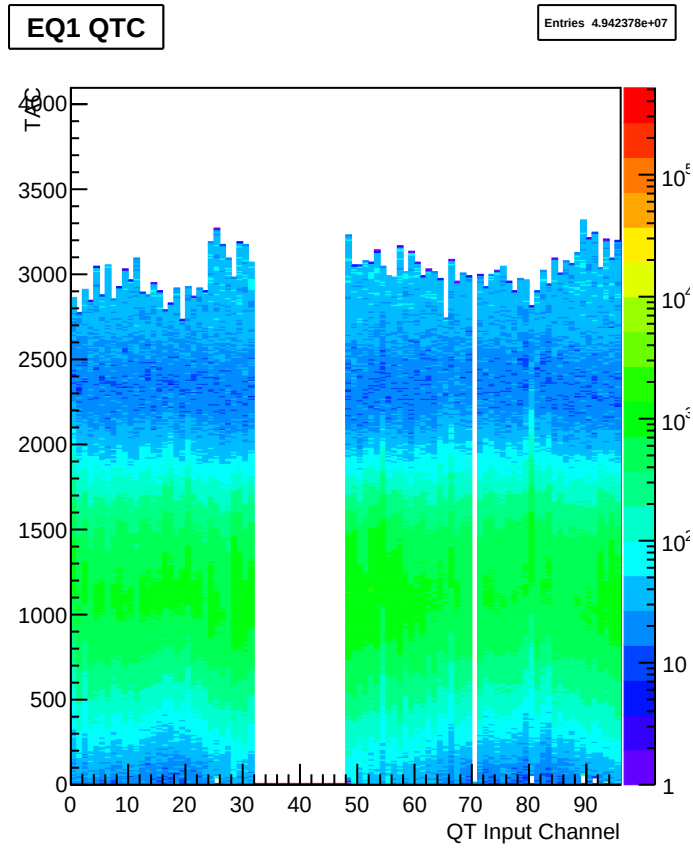

BBQ-VP002 West
Entries 8237296
ADC
QT Input Channel

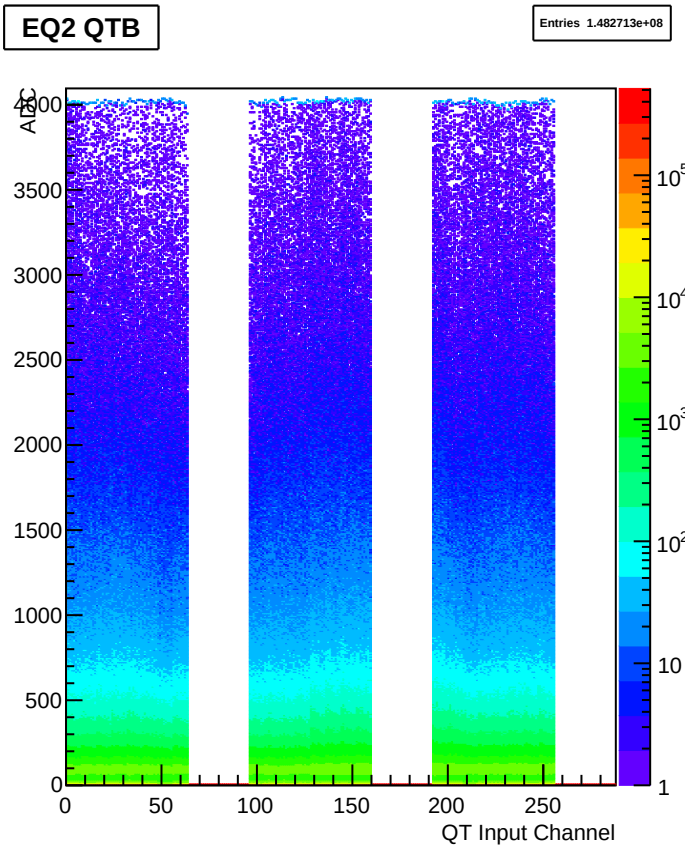

BBQ-VP002 West
Entries 8237296
ADC
QT Input Channel

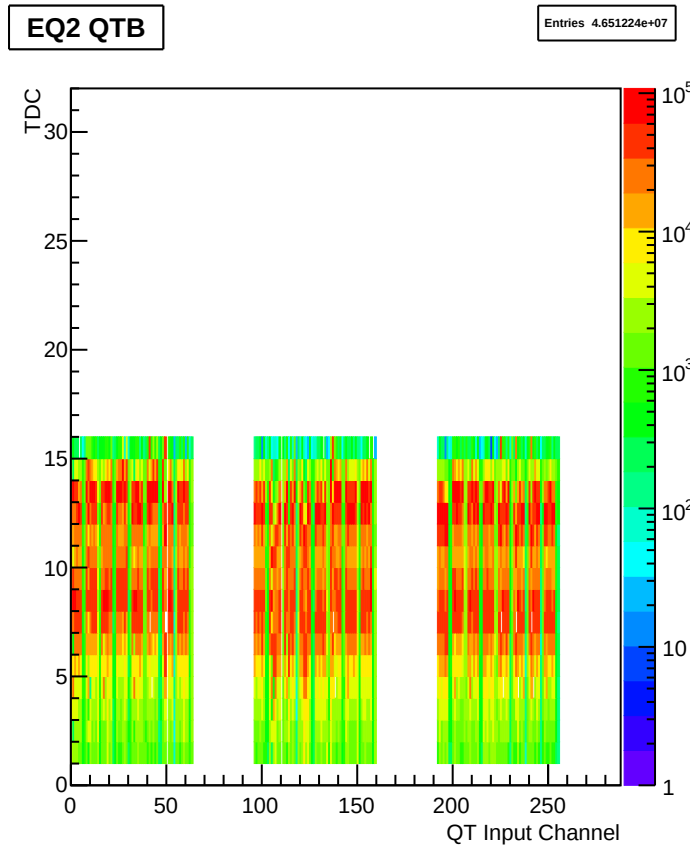

EQ1 QTB
Entries 1.482713e+08
ADC
QT Input Channel

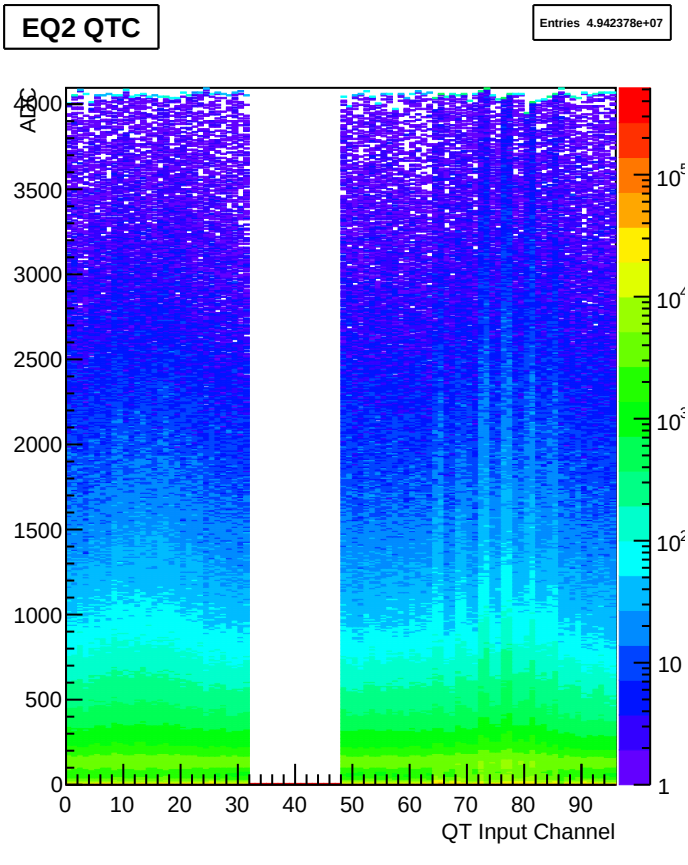

EQ1 QTB
Entries 4.856593e+07
TDC
QT Input Channel

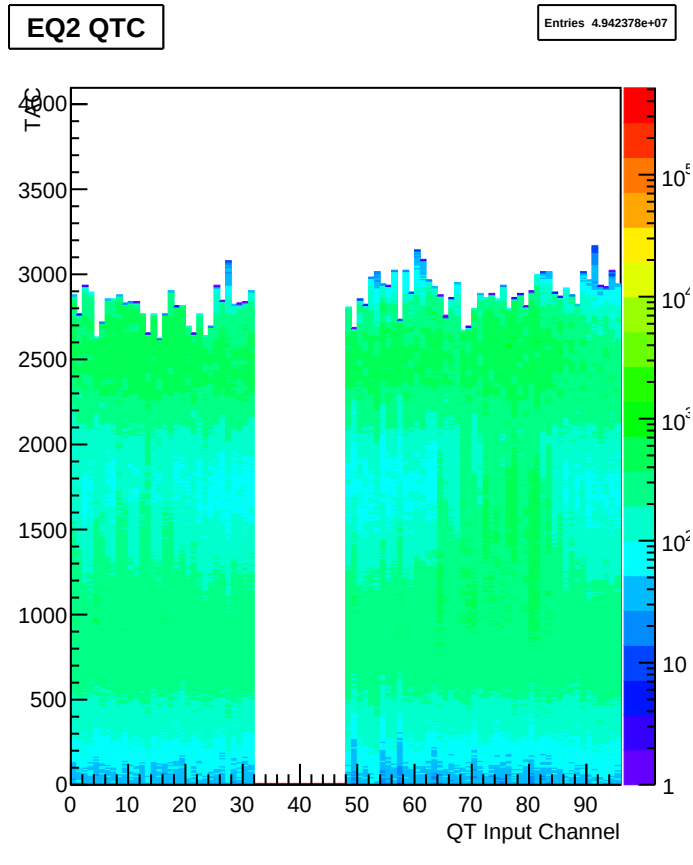

EQ1 QTC
Entries 4.942378e+07
ADC
QT Input Channel

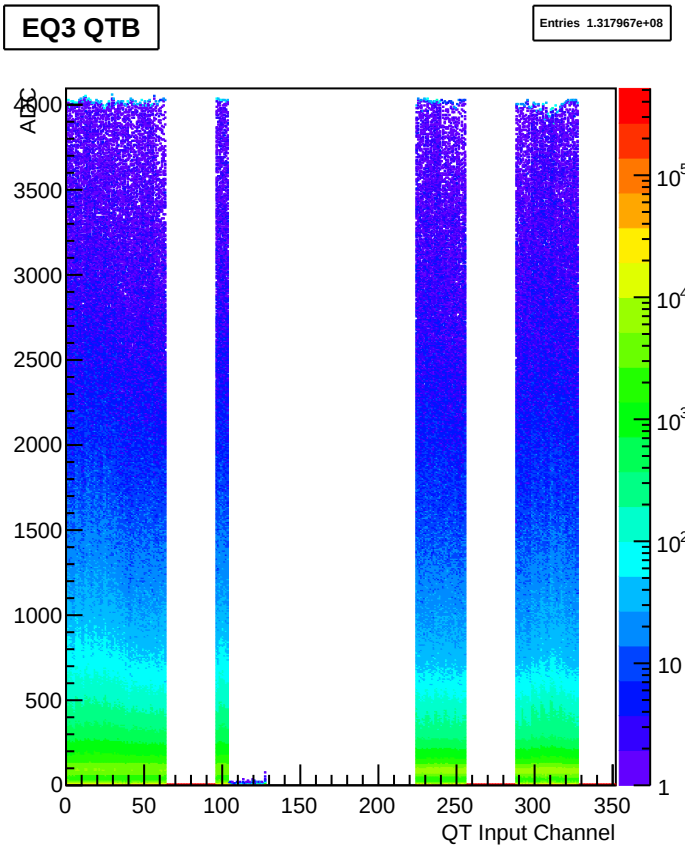

EQ1 QTC
Entries 4.942378e+07
TADC
QT Input Channel

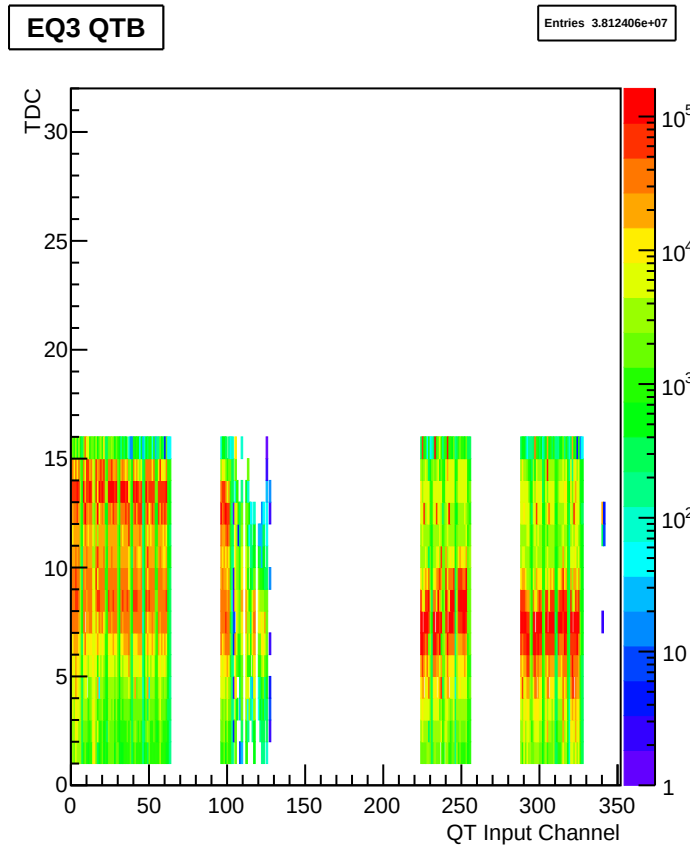

EQ2 QTB
Entries 1.482713e+08
ADC
QT Input Channel

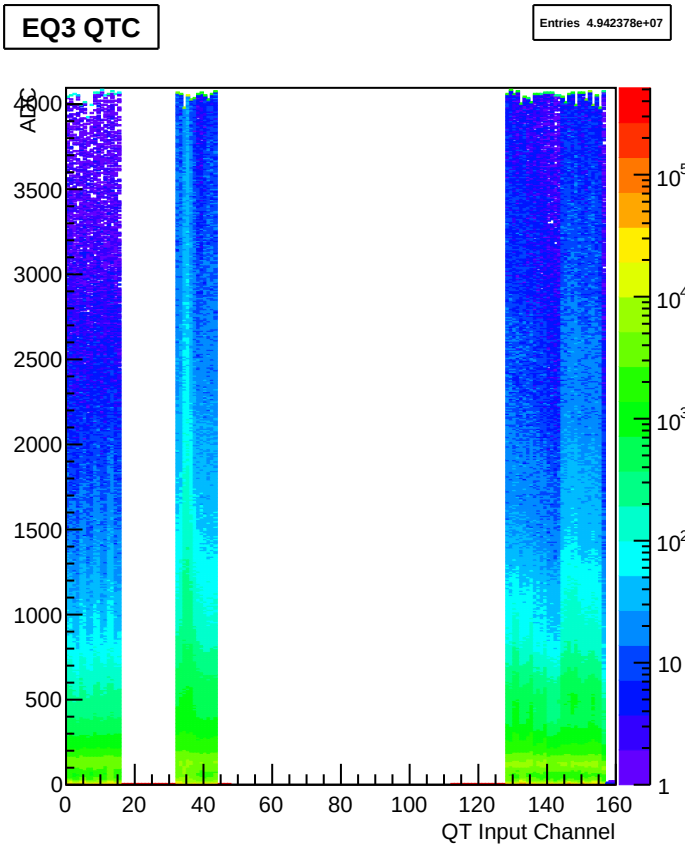

EQ2 QTB
Entries 4.651224e+07
TDC
QT Input Channel

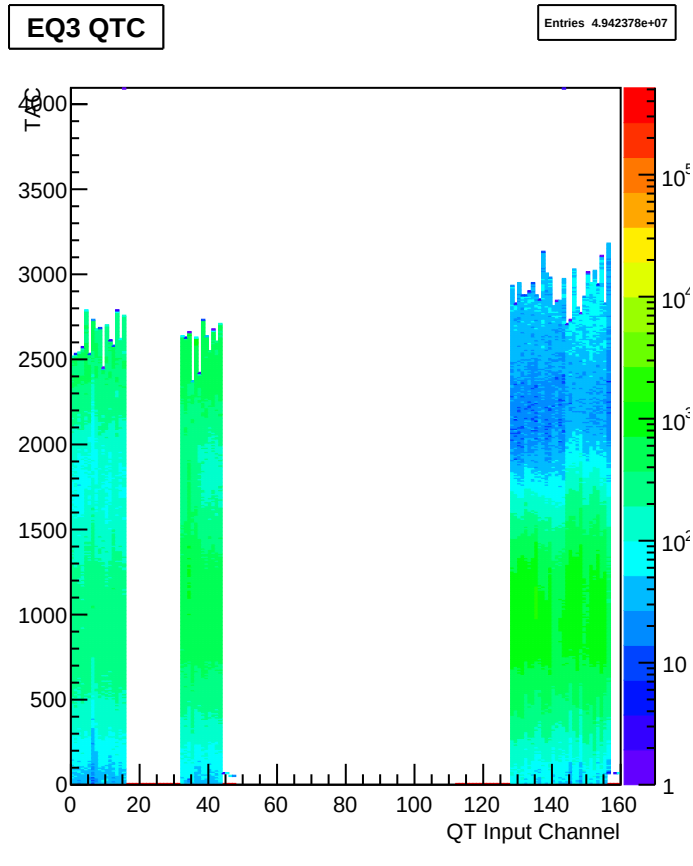

EQ2 QTC
Entries 4.942378e+07
ADC
QT Input Channel

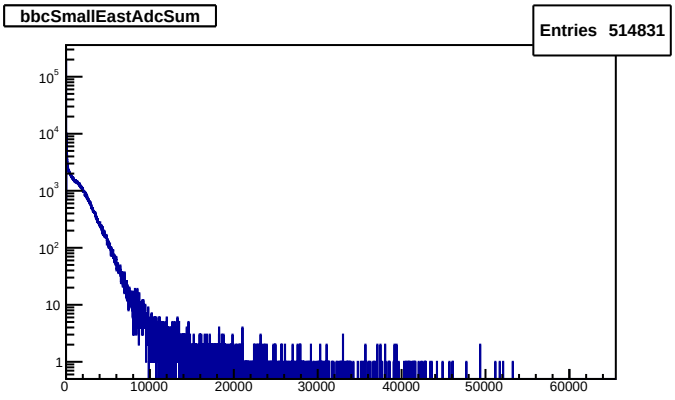

EQ2 QTC
Entries 4.942378e+07
TADC
QT Input Channel

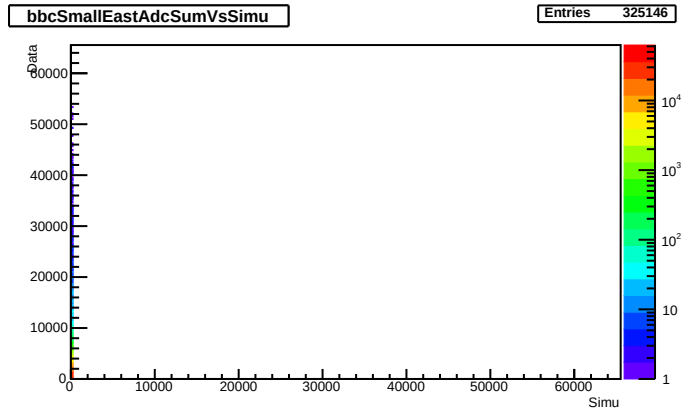

EQ3 QTB
Entries 1.317967e+08
ADC
QT Input Channel

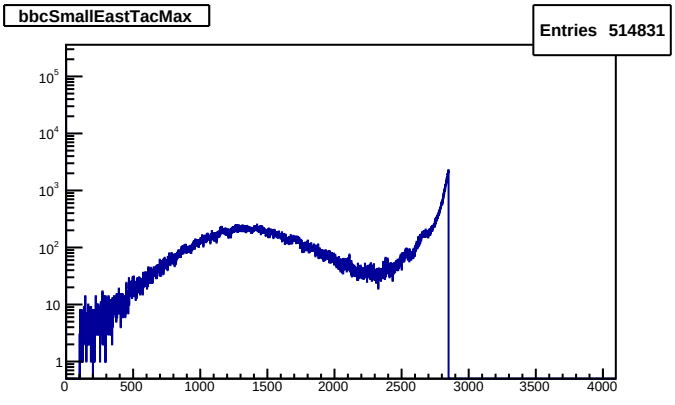

EQ3 QTB
Entries 3.812406e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.942378e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.942378e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 514831


bbcSmallEastAdcSumVsSimu
Entries 325146
Data
Simu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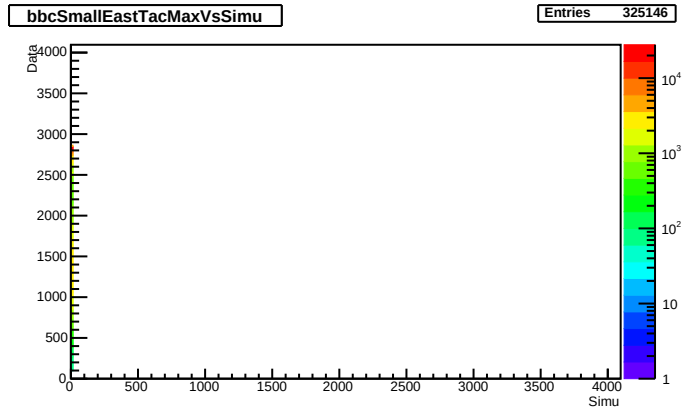
Entries 514831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Entries 325146
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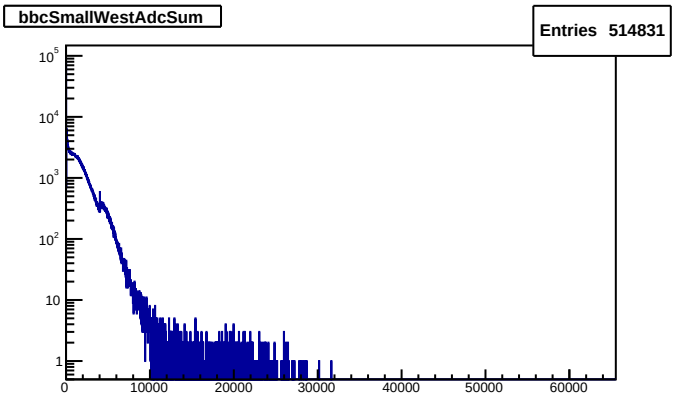
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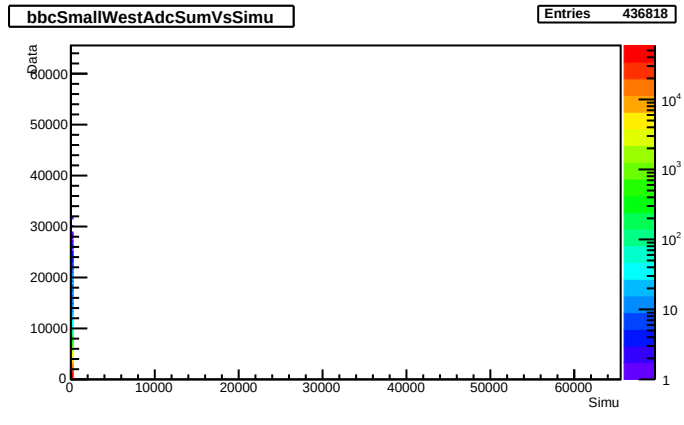
Entries 514831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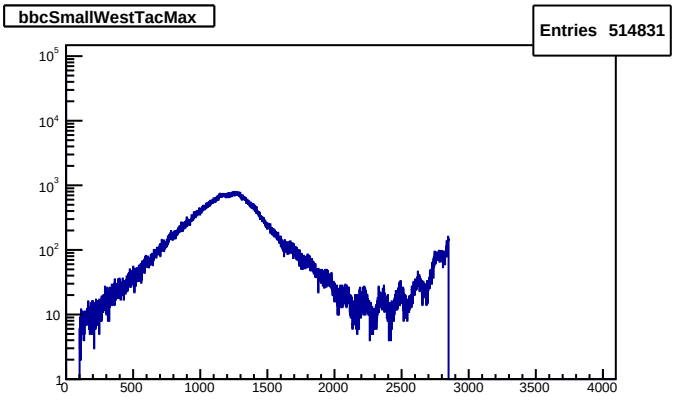
Entries 436818
Data
Simu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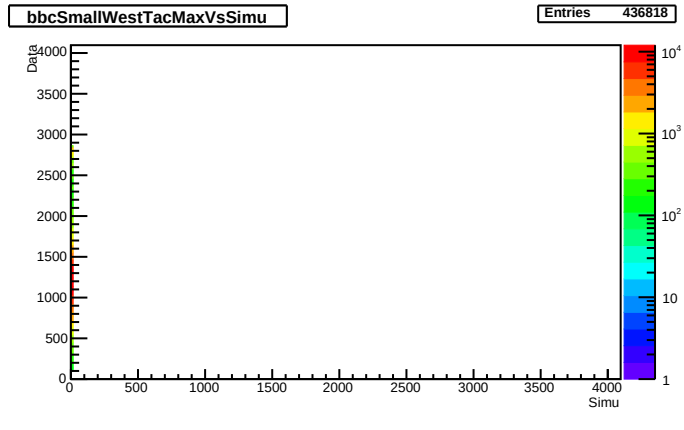
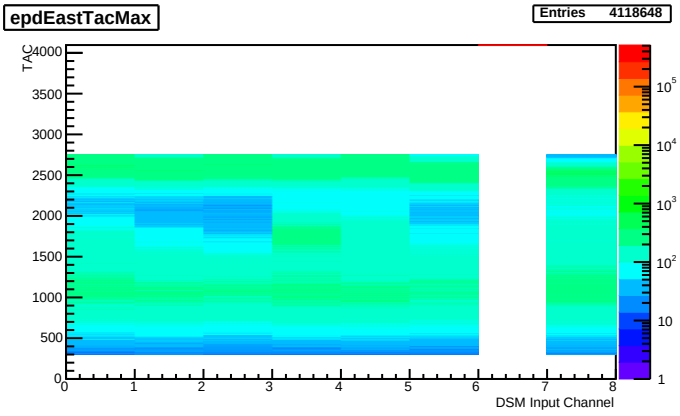
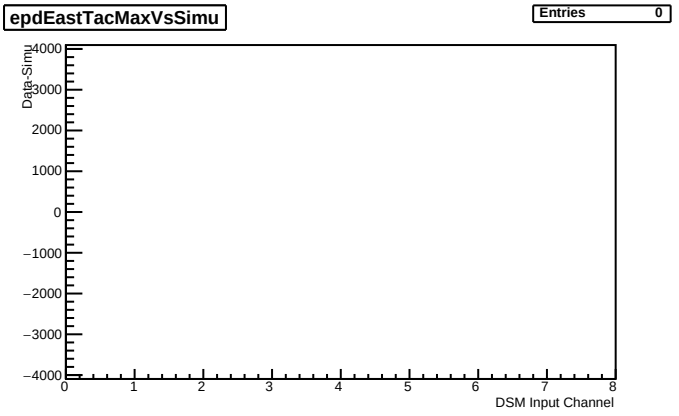
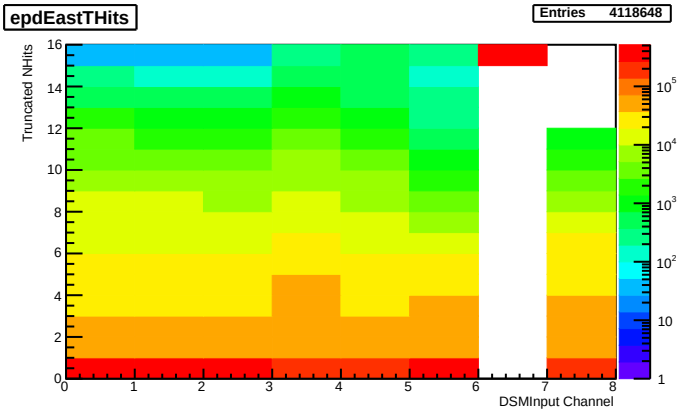
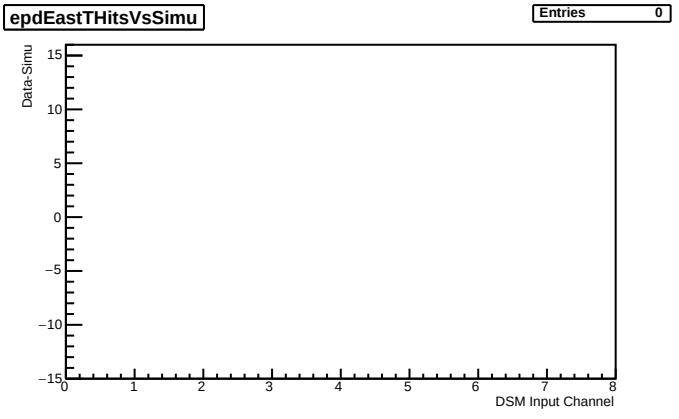
Entries 514831


bbcSmallWestTacMaxVsSimu
Entries 436818
Data
Simu


epdEastTacMax
Entries 4118648
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4118648
Truncated NHits
DSMInput Channel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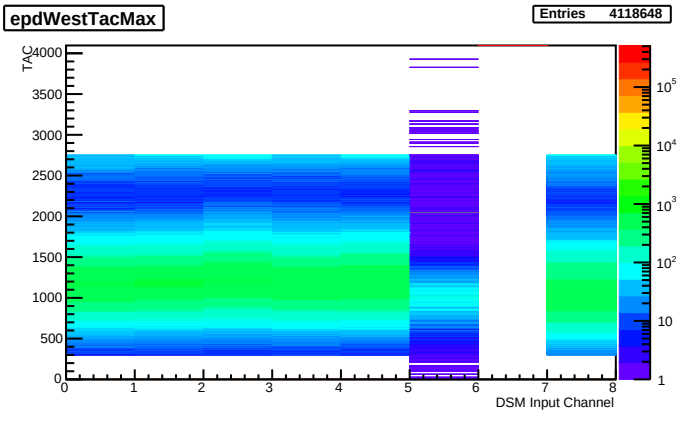
Data-Simu
DSM Input Channel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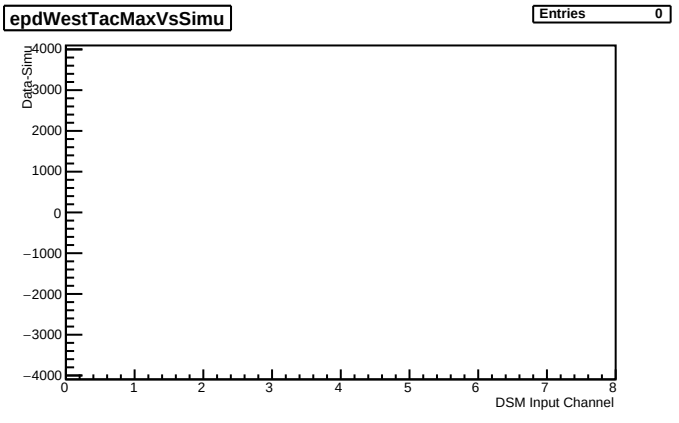
Entries 4118648
TAC
DSM Input Channel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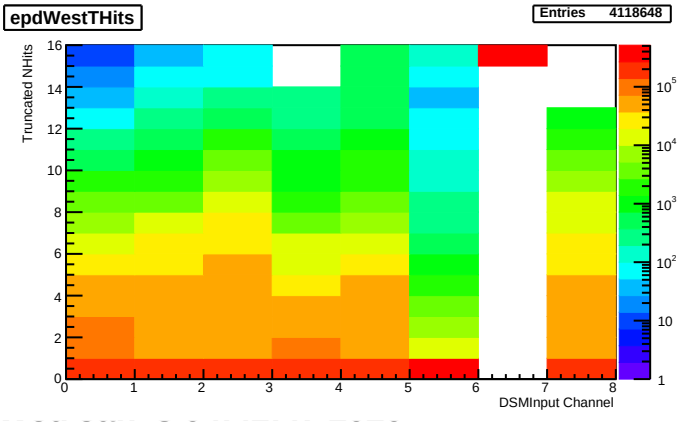
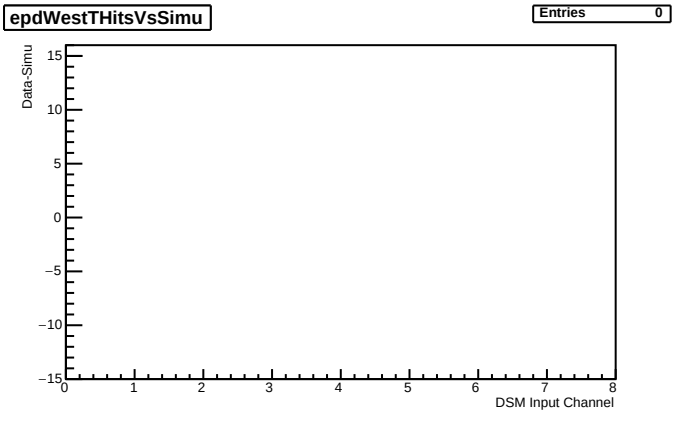
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4118648
Truncated NHits
DSMInput Channel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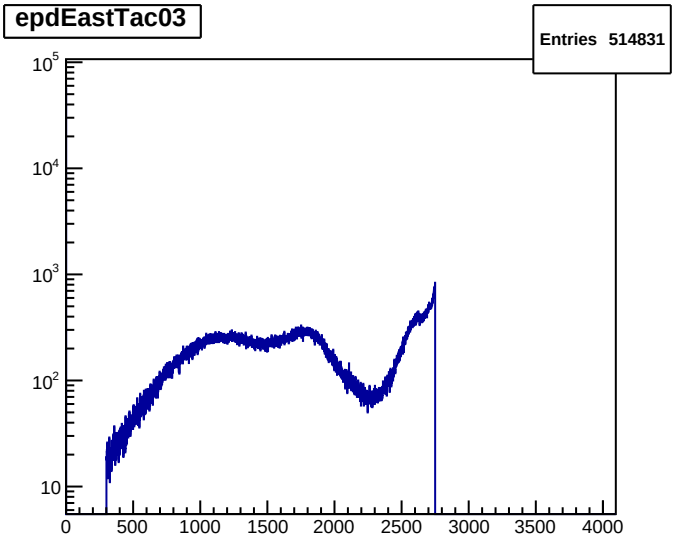
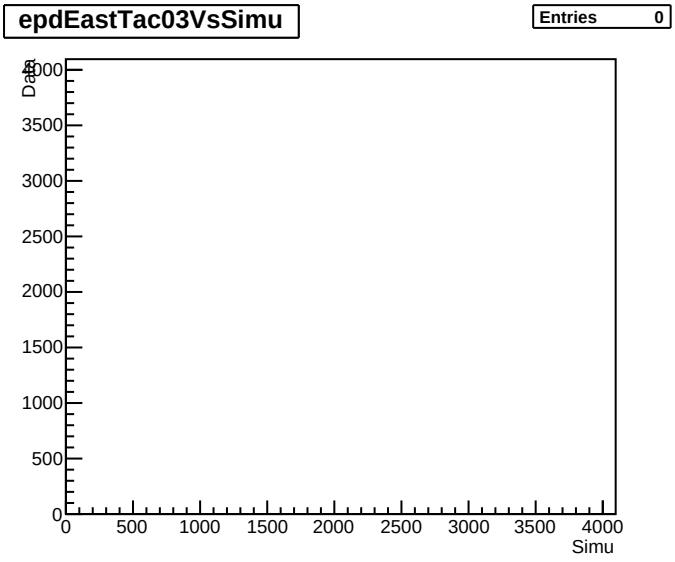
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 514831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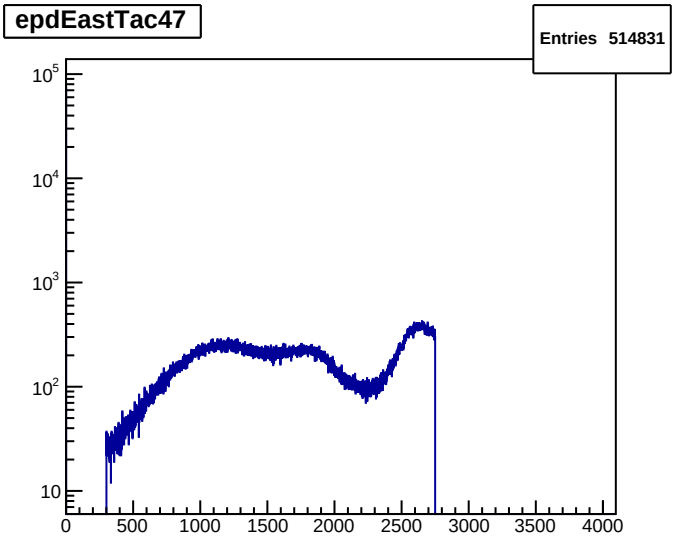
Entries 0
Data
Simu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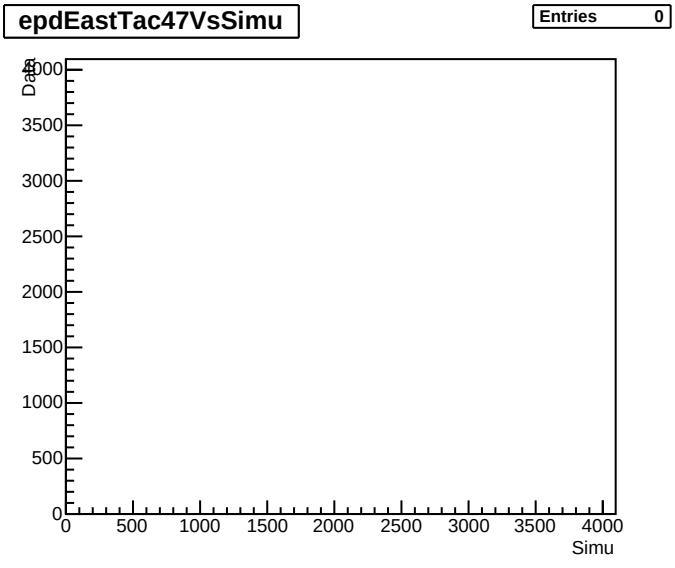
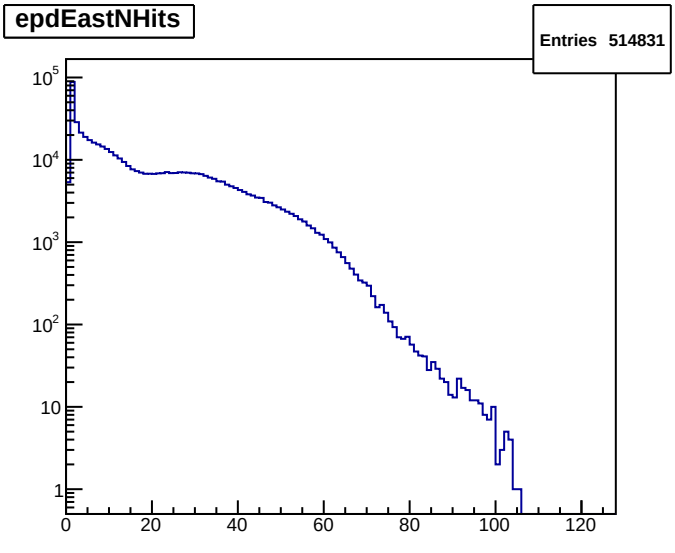
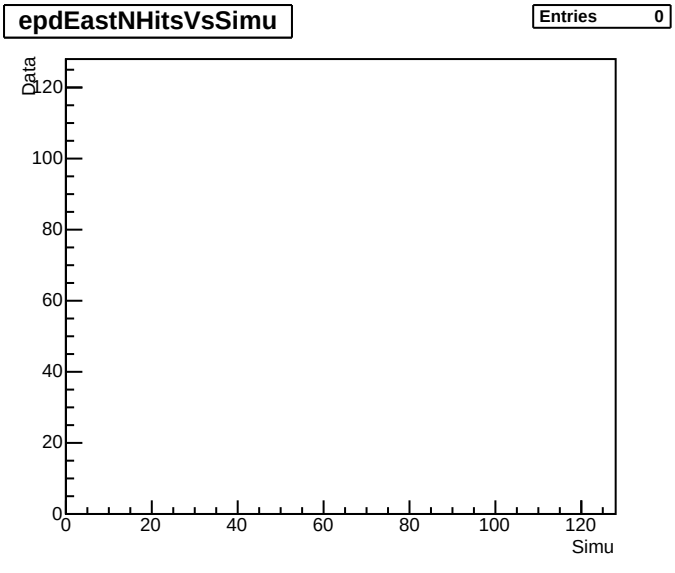
Entries 514831


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 514831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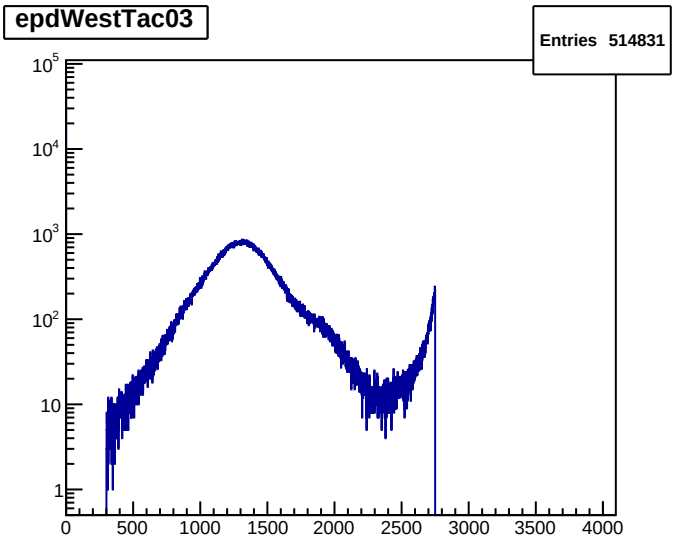
Entries 0
Data
Simu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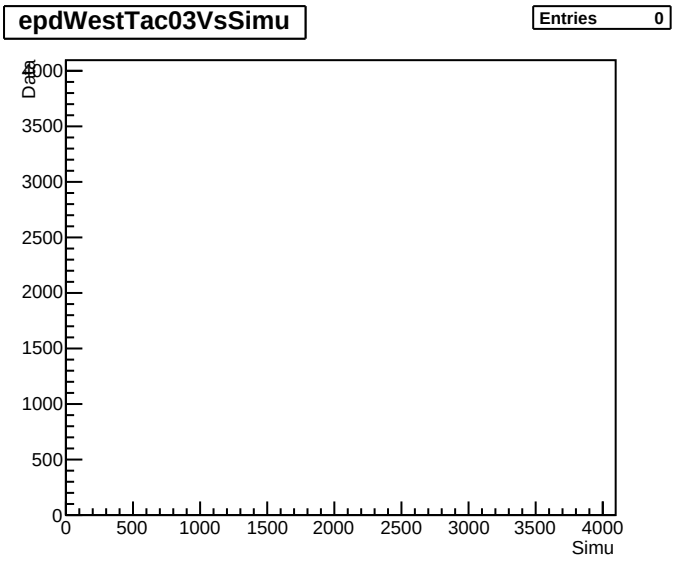
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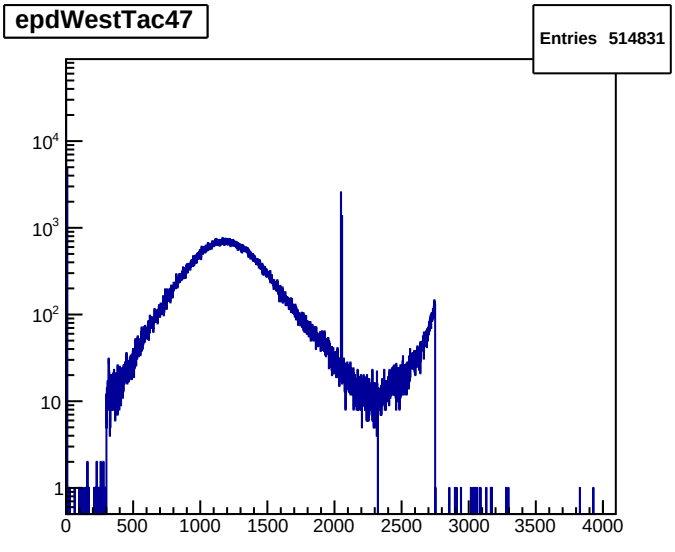
Entries 0
Data
Simu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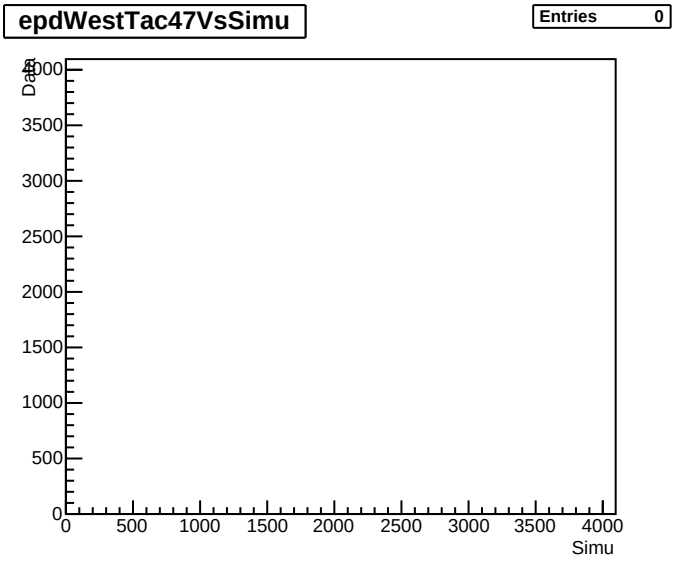
Entries 514831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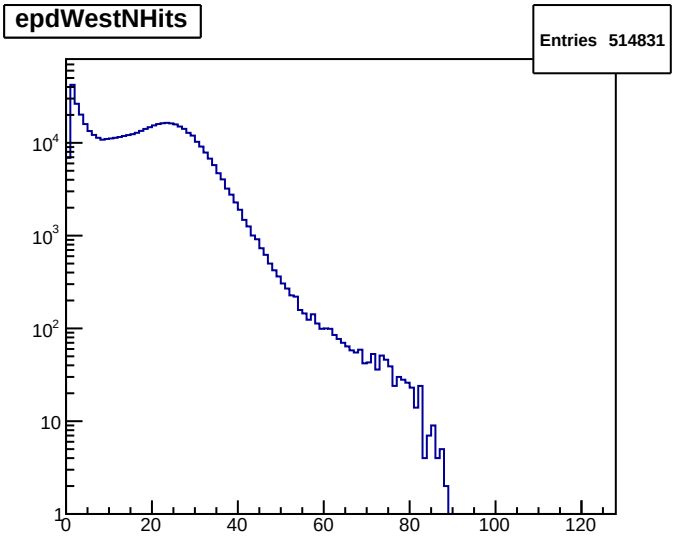
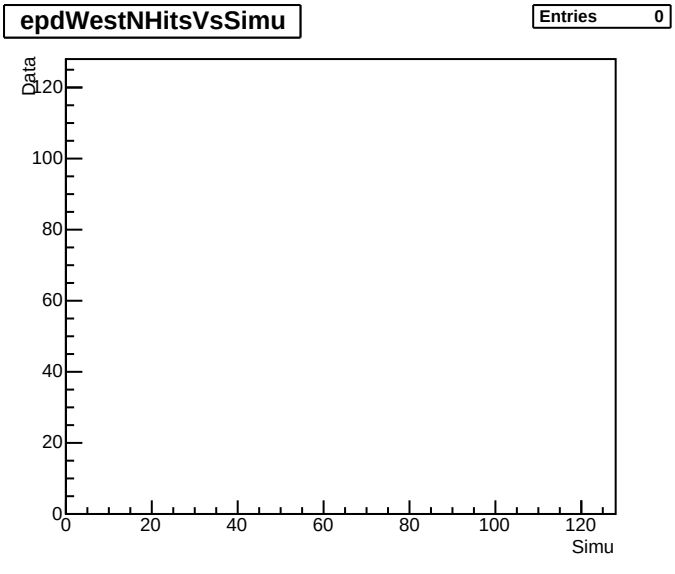
Entries 0
Data
Simu


epdWestNHits
Entries 514831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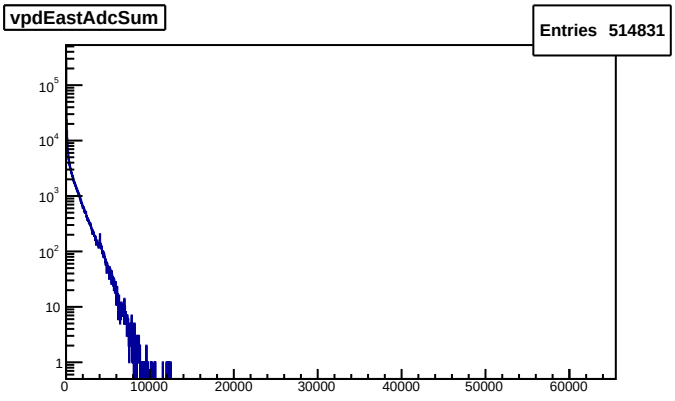
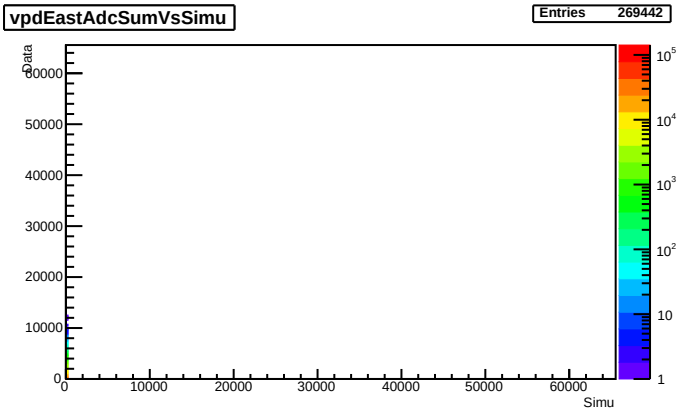
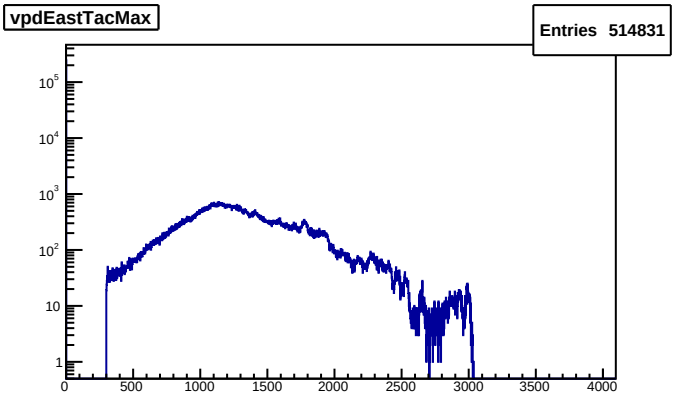
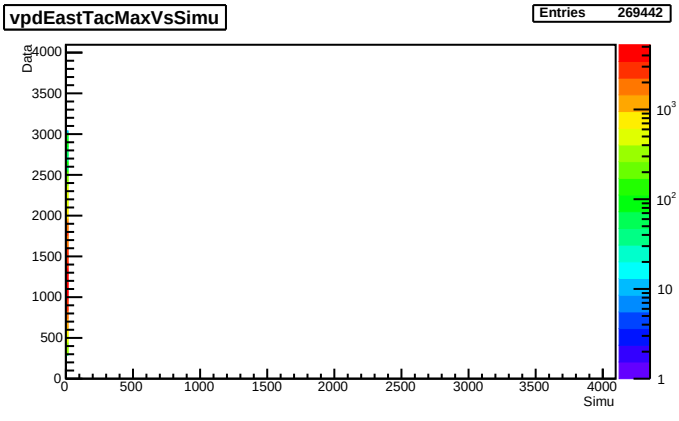
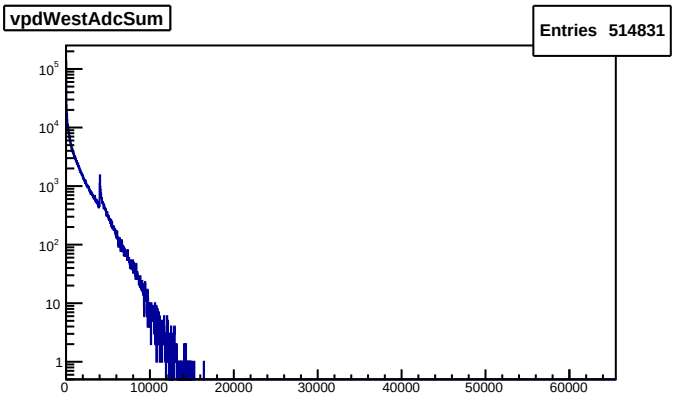
Entries 0
Data
Simu

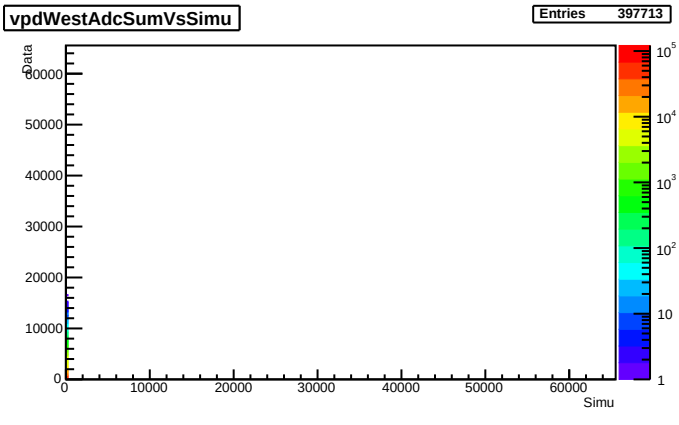

vpdEastAdcSum
Entries 514831

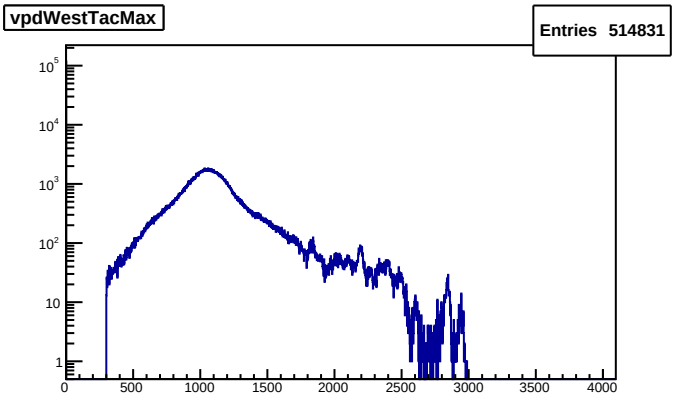

vpdEastAdcSumVsSimu
Entries 269442
Data
Simu

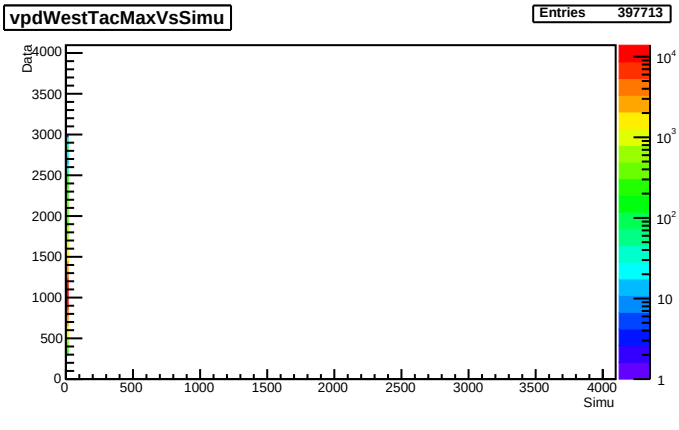

vpdEastTacMax
Entries 514831

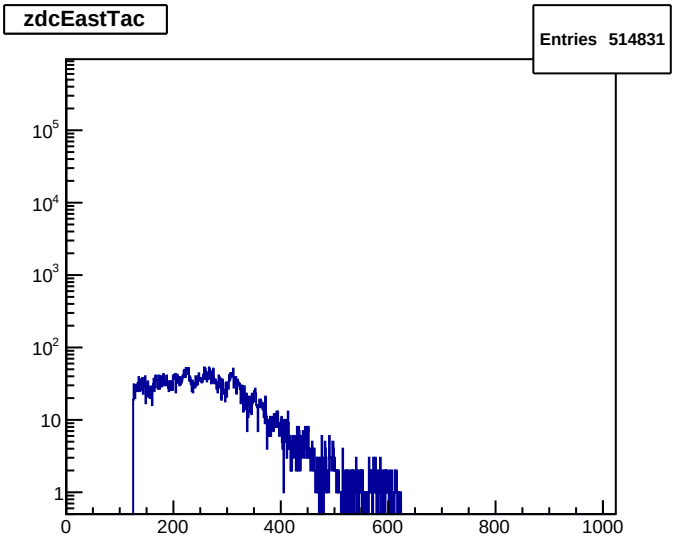

vpdEastTacMaxVsSimu
Entries 269442
Data
Simu

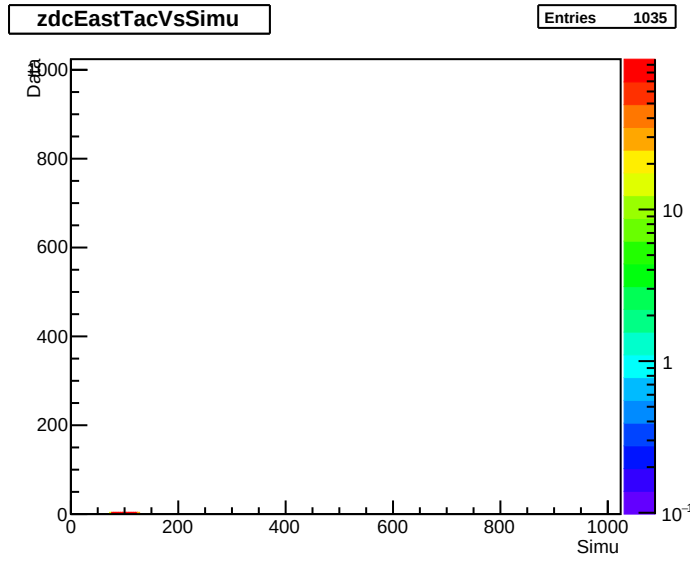

vpdWestAdcSum
Entries 514831

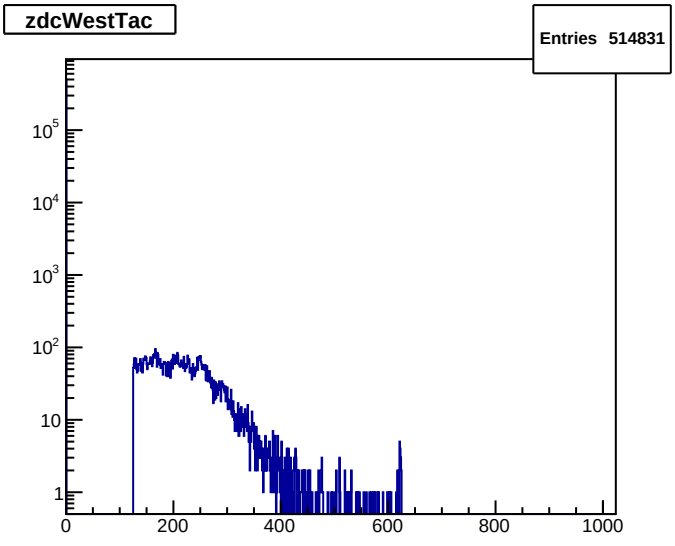

vpdWestAdcSumVsSimu
Entries 397713
Data
Simu

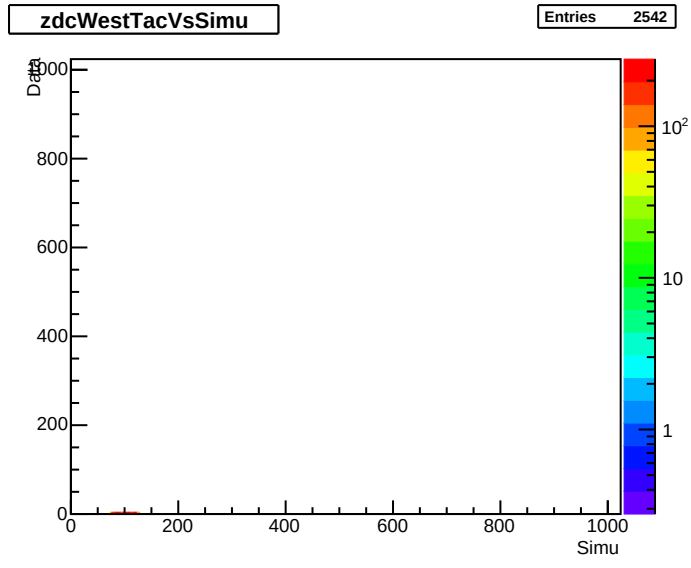

vpdWestTacMax
Entries 514831

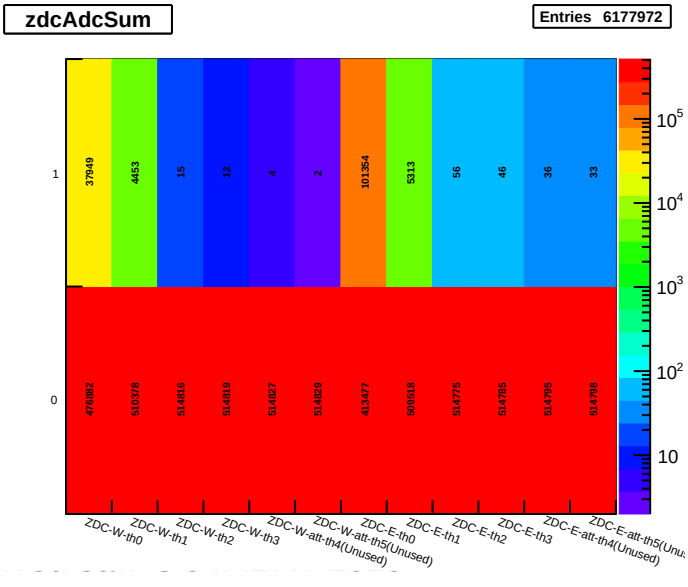

vpdWestTacMaxVsSimu
Entries 397713
Data
Simu

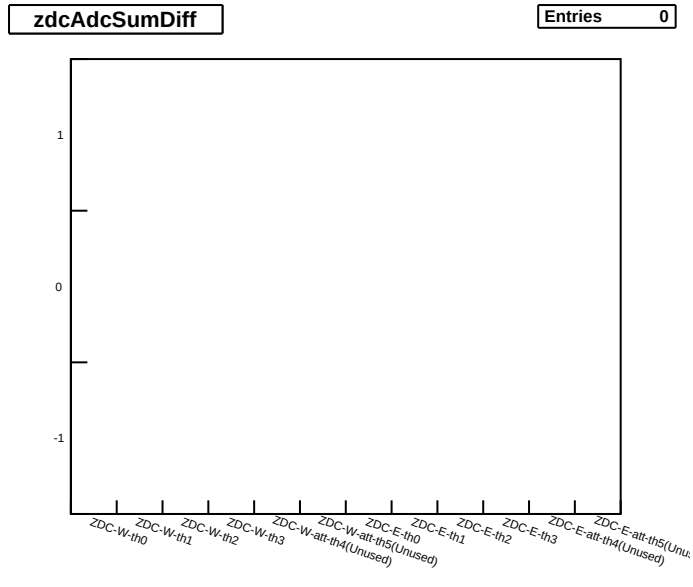

zdcEastTac
Entries 514831

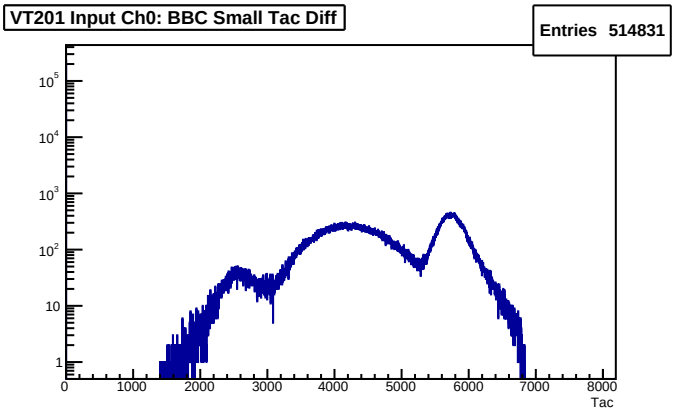

zdcEastTacVsSimu
Entries 1035
Data
Simu

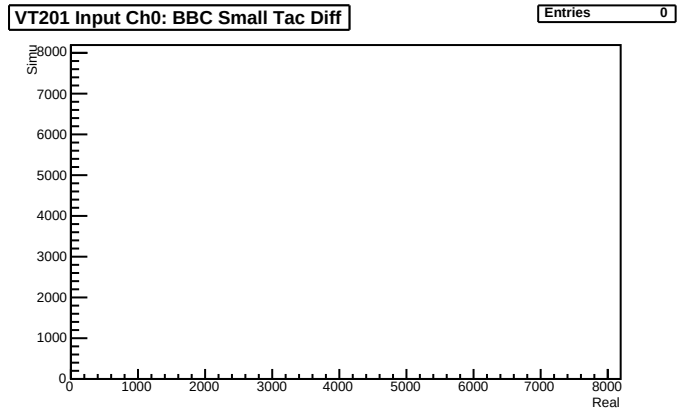

zdcWestTac
Entries 514831

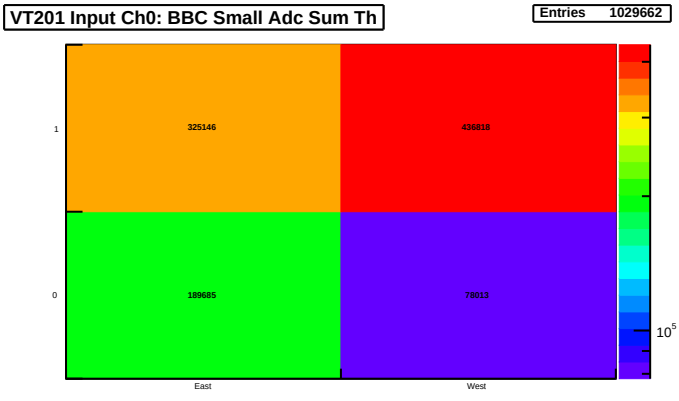

zdcWestTacVsSimu
Entries 2542
Data
Simu

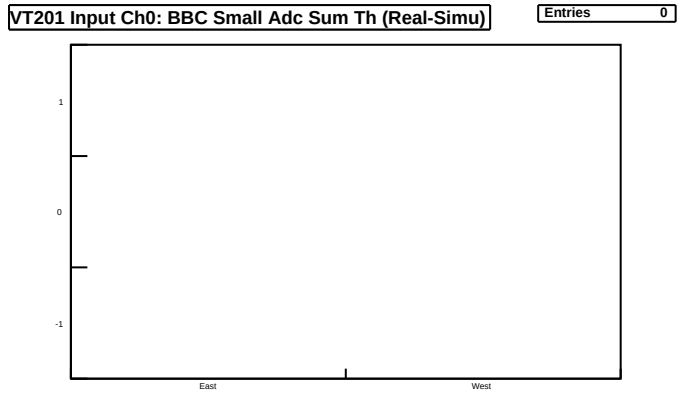

zdcAdcSum
Entries 6177972
37949
4453
15
12
4
2
101354
5313
56
46
36
33
476882
510378
514816
514819
514827
514829
413477
509518
514775
514785
514795
514798
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

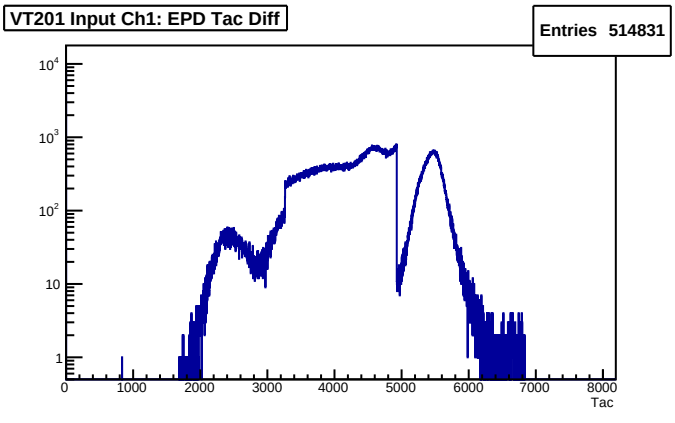

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

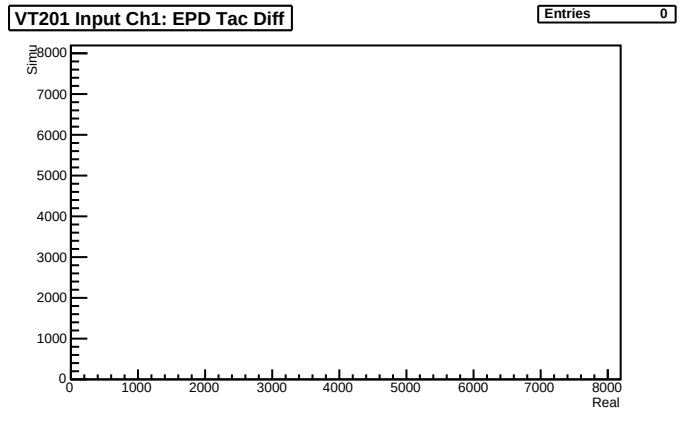

VT201 Input Ch0: BBC Small Tac Diff
Entries 514831
Tac

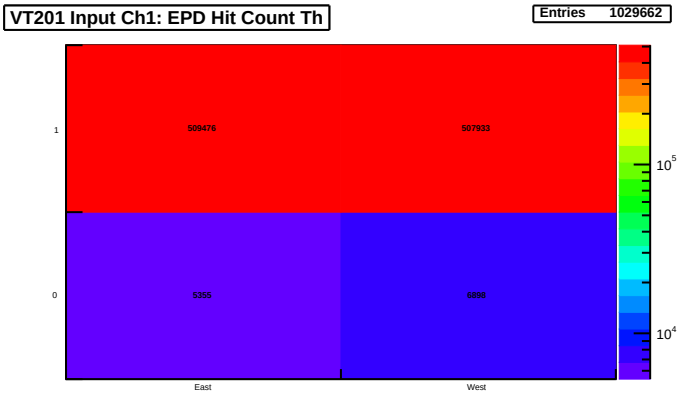

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

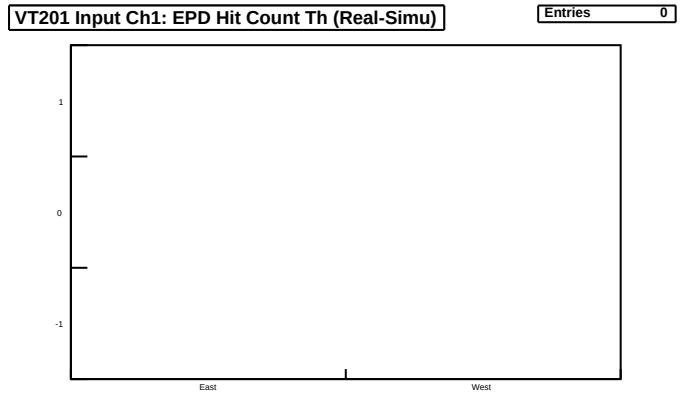

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1029662
325146
436818
189685
78013
East
West

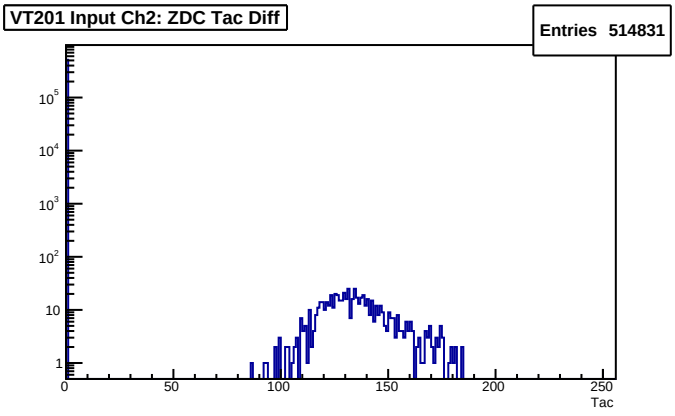

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

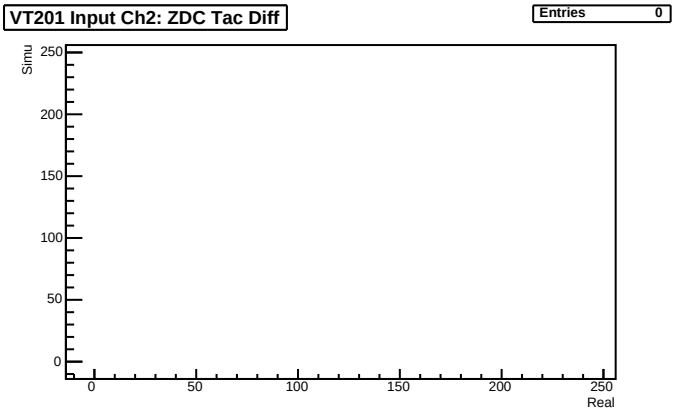

VT201 Input Ch1: EPD Tac Diff
Entries 514831
Tac

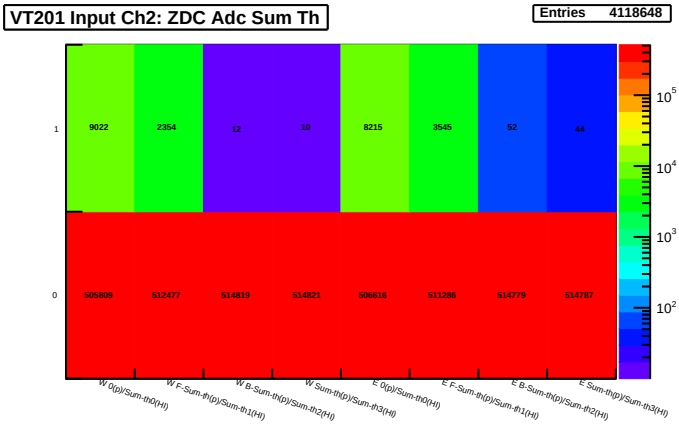

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

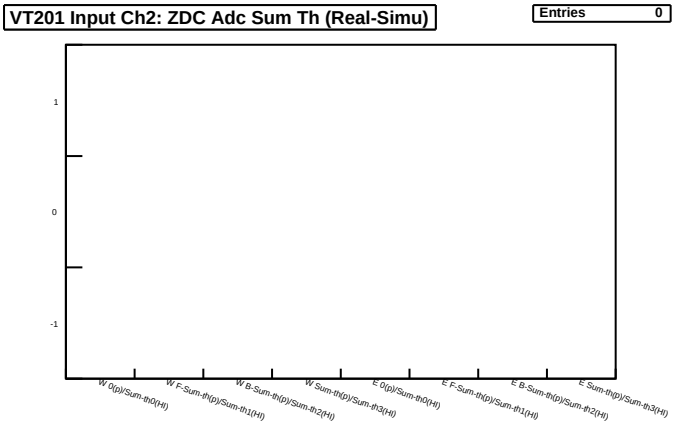

VT201 Input Ch1: EPD Hit Count Th
Entries 1029662
509476
507933
5355
6898
East
West

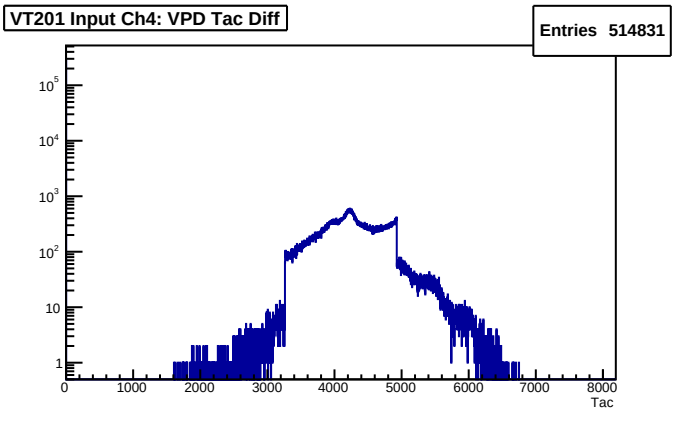

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

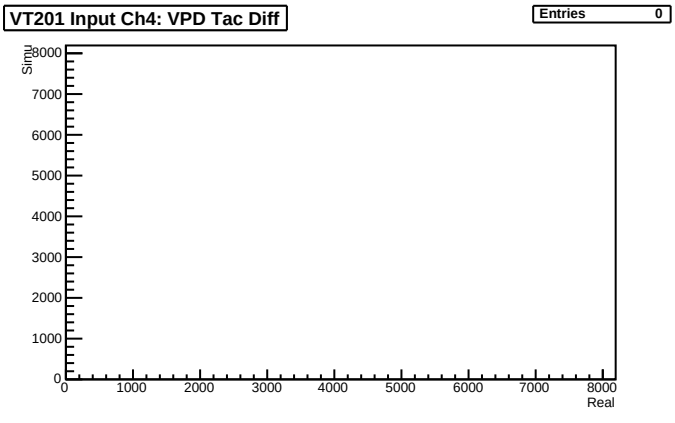

VT201 Input Ch2: ZDC Tac Diff
Entries 514831
Tac

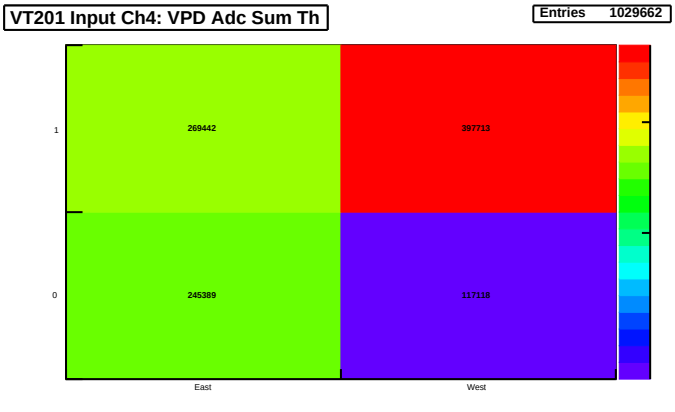

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

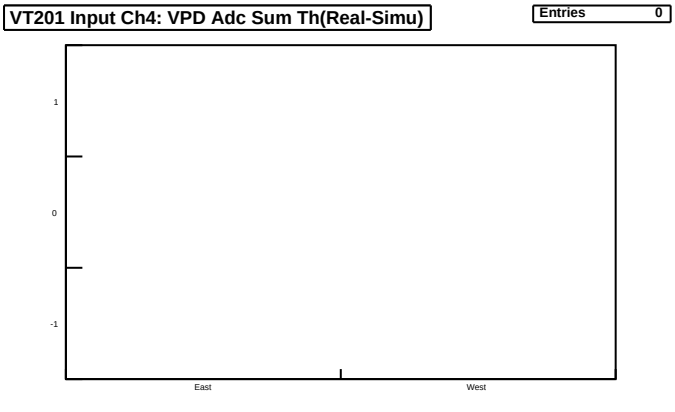

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4118648
9022
2354
12
10
8215
3545
52
44
505809
512477
514819
514821
506616
511286
514779
514787
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

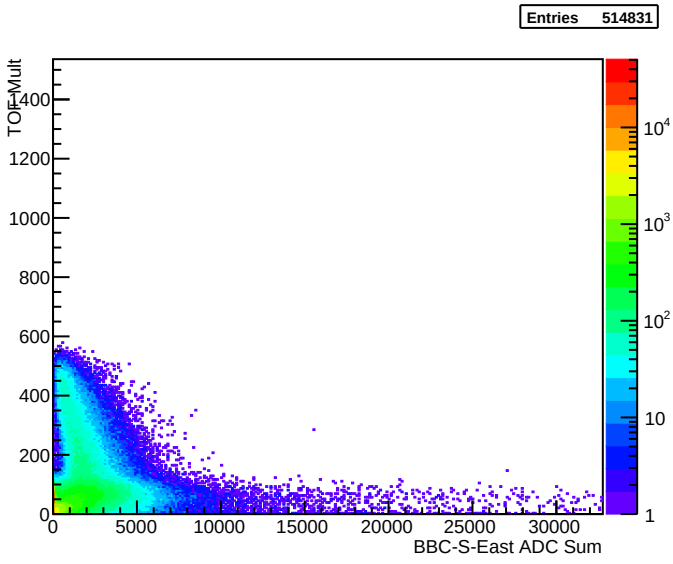

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

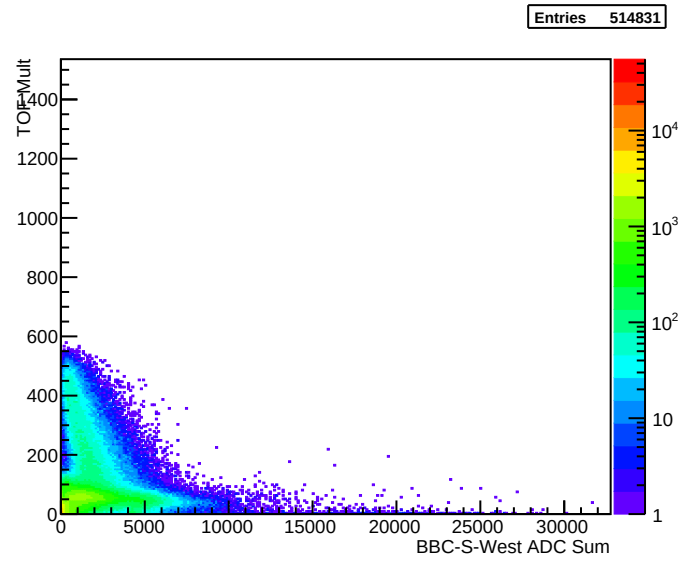

VT201 Input Ch4: VPD Tac Diff
Entries 514831
Tac

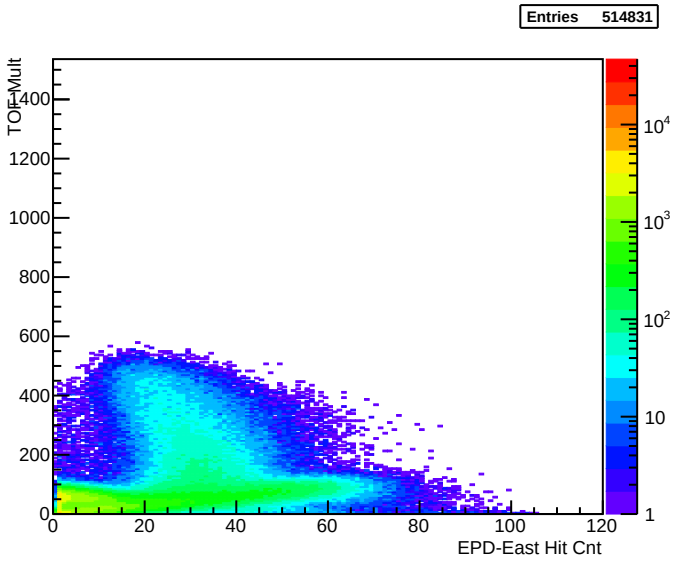

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

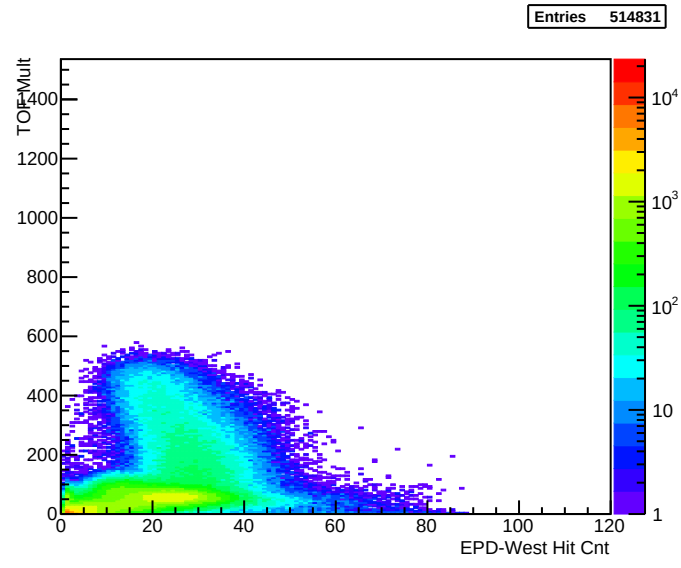

VT201 Input Ch4: VPD Adc Sum Th
Entries 1029662
269442
397713
245389
117118
East
West

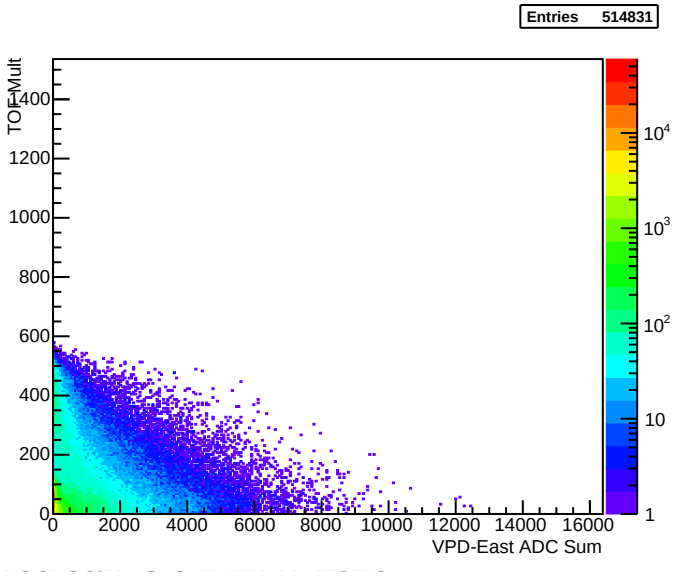

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

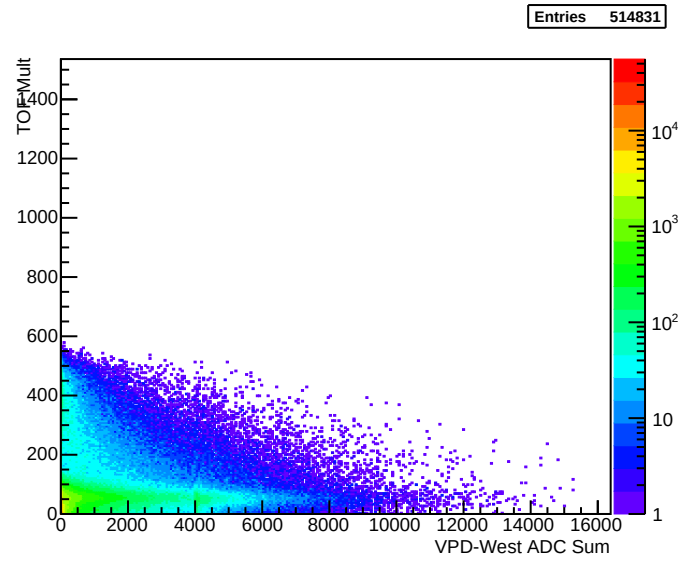

Entries 514831
TOF-Mult
BBC-S-East ADC Sum

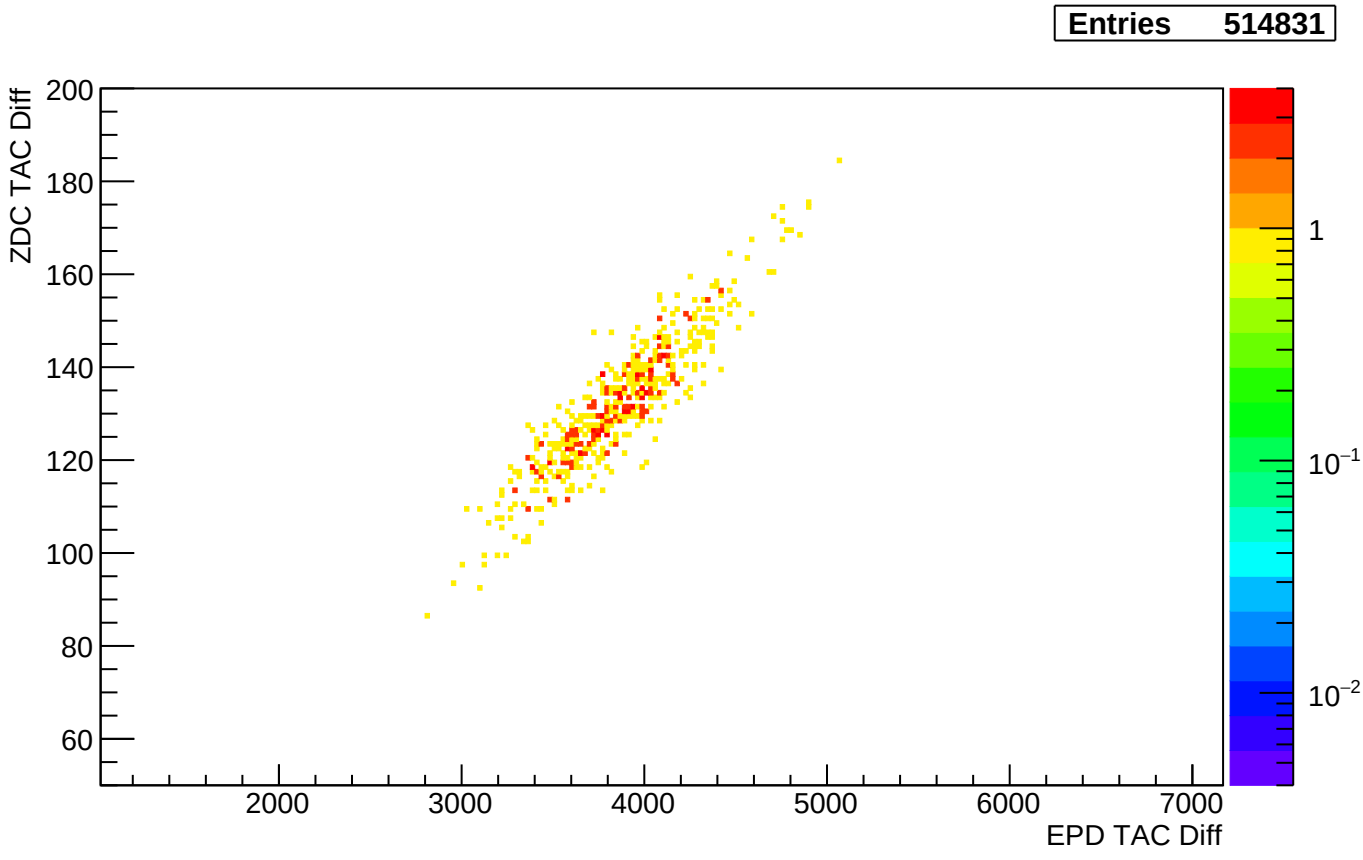

Entries 514831
TOF-Mult
BBC-S-West ADC Sum

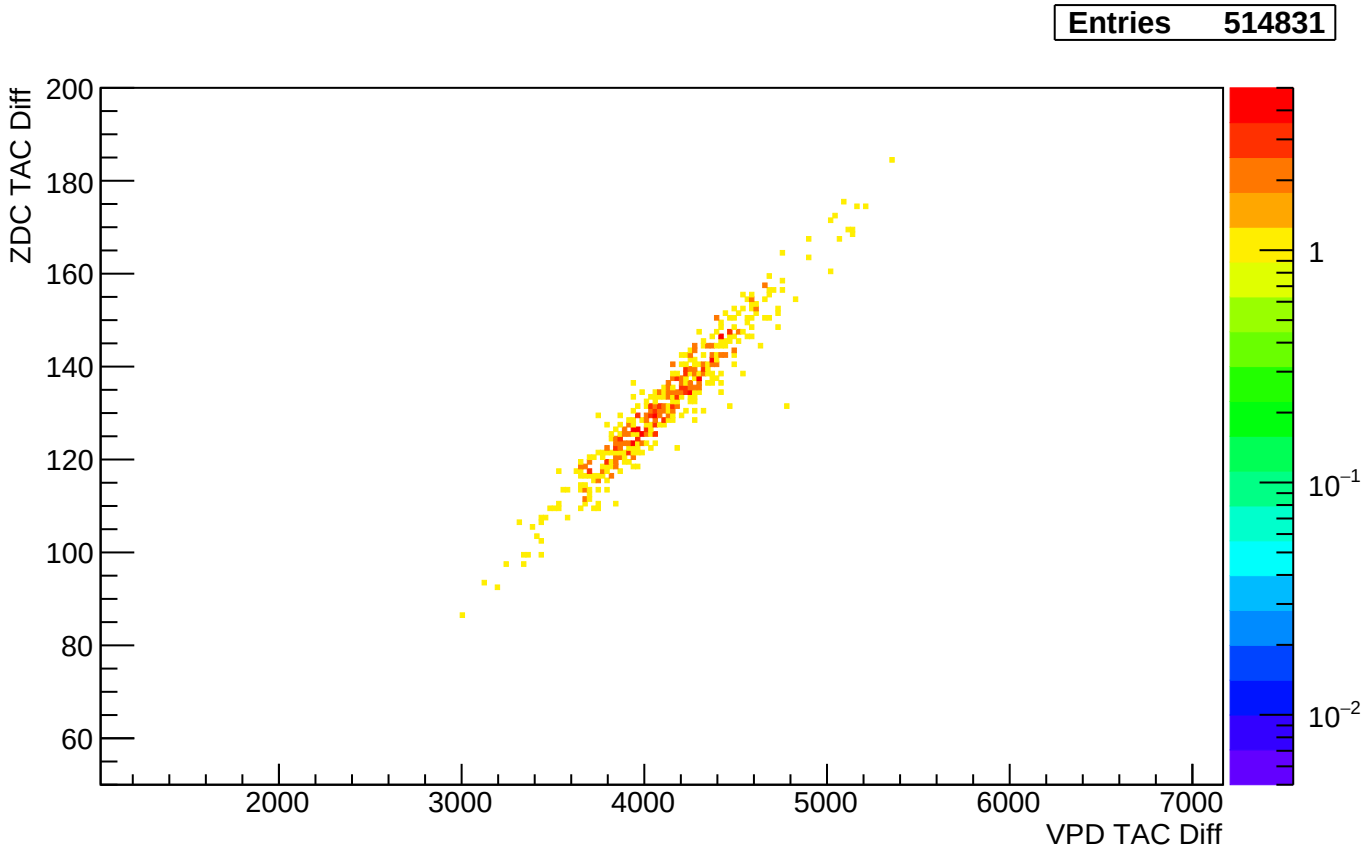

Entries 514831
TOF-Mult
EPD-East Hit Cnt

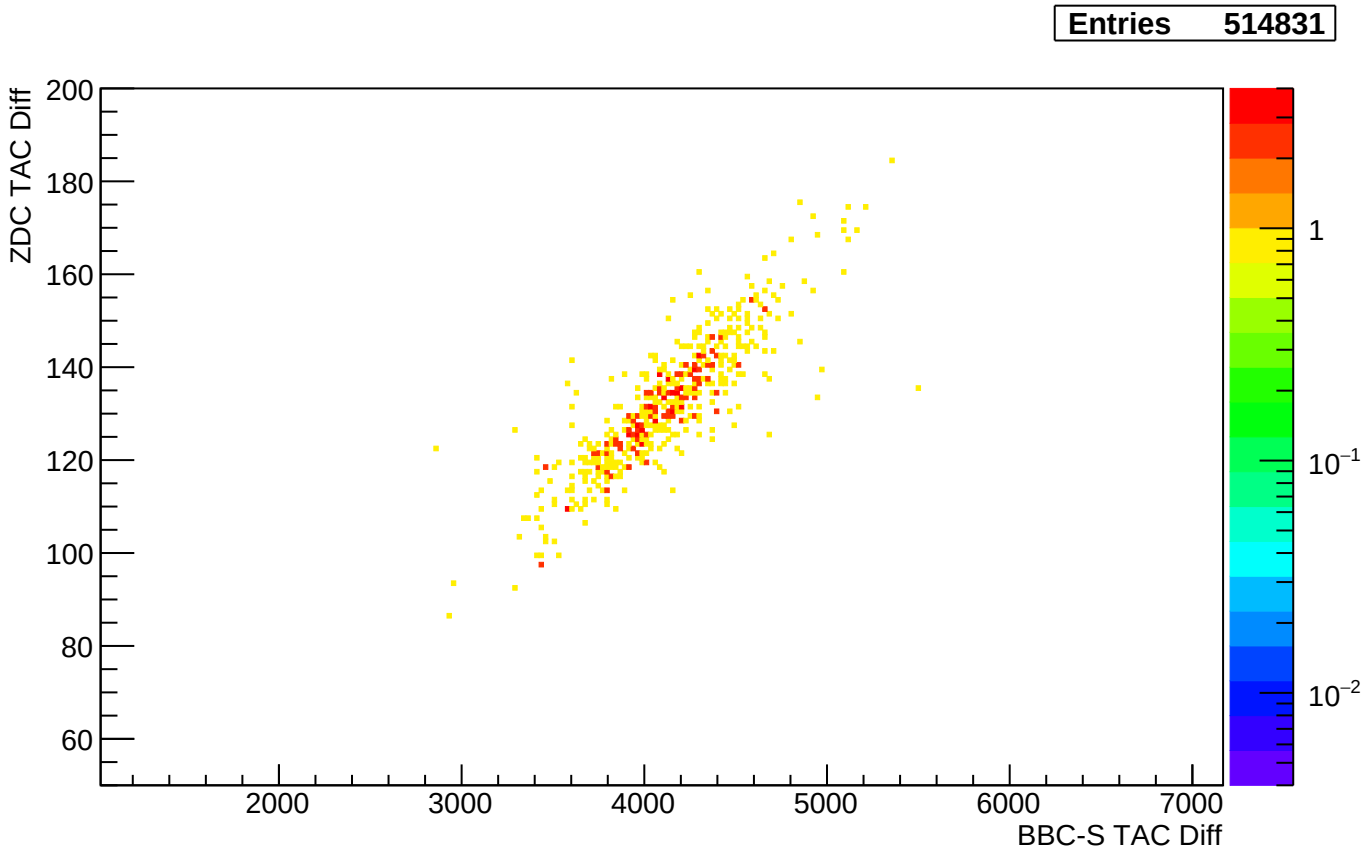

Entries 514831
TOF-Mult
EPD-West Hit Cnt

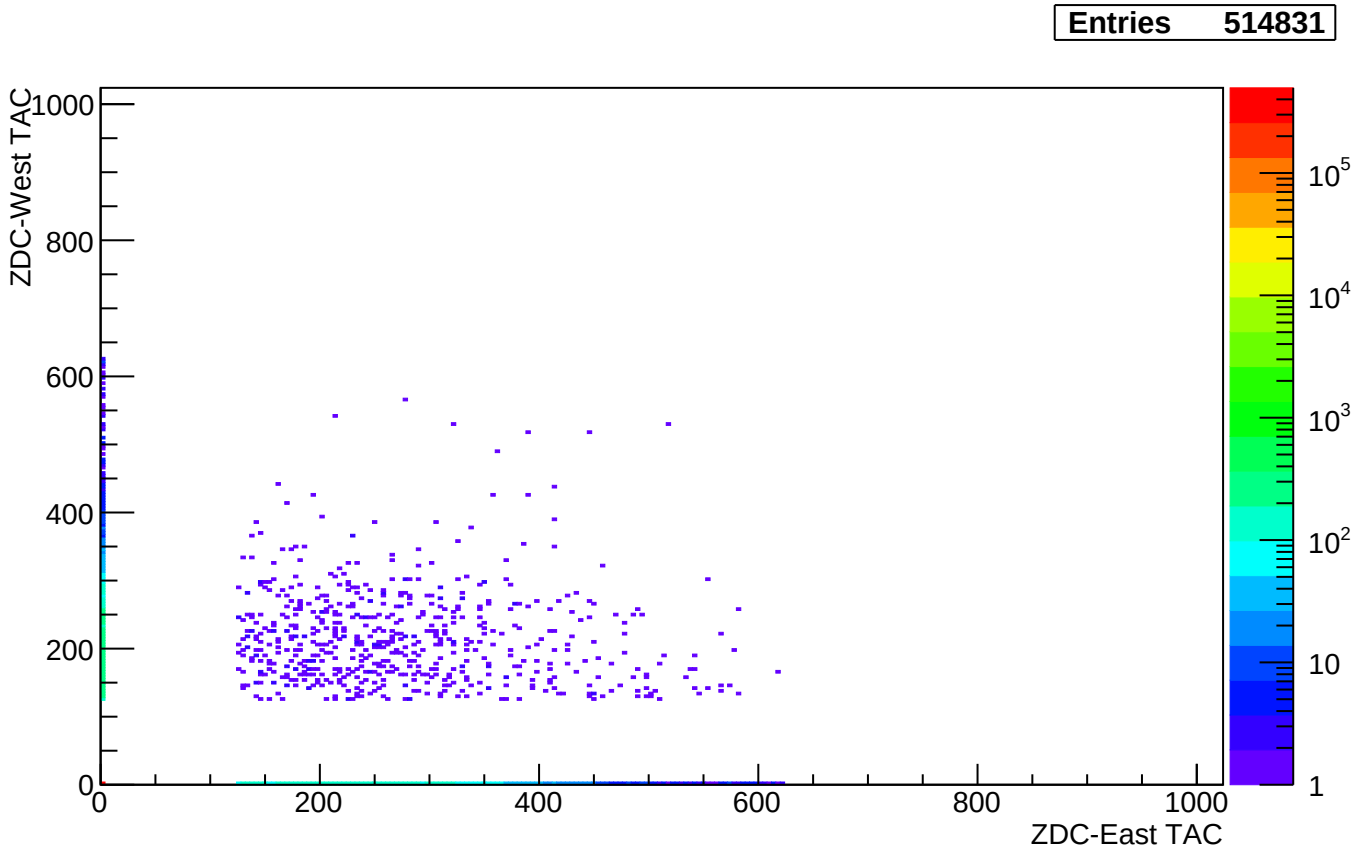

Entries 514831
TOF-Mult
VPD-East ADC Sum

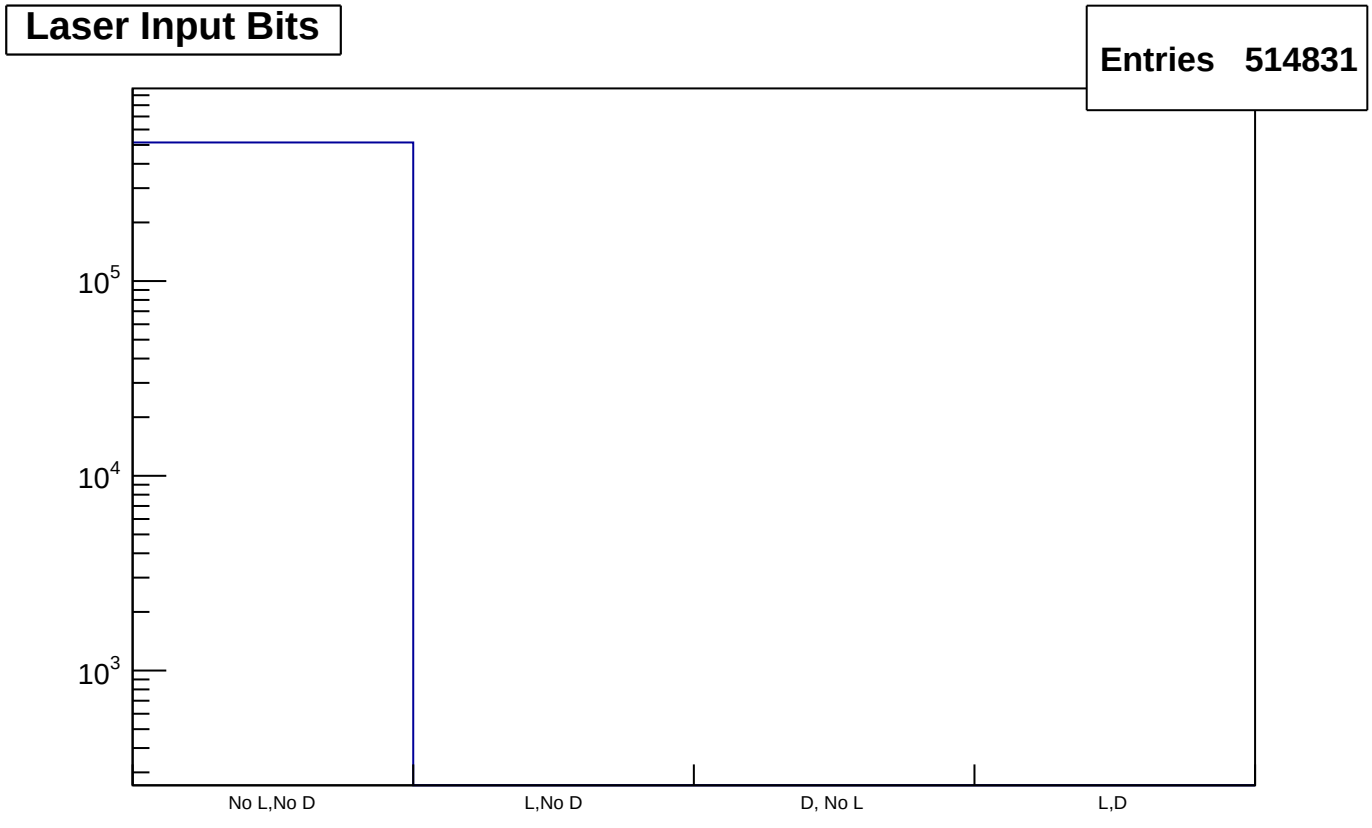

Entries 514831
TOF-Mult
VPD-West ADC Sum

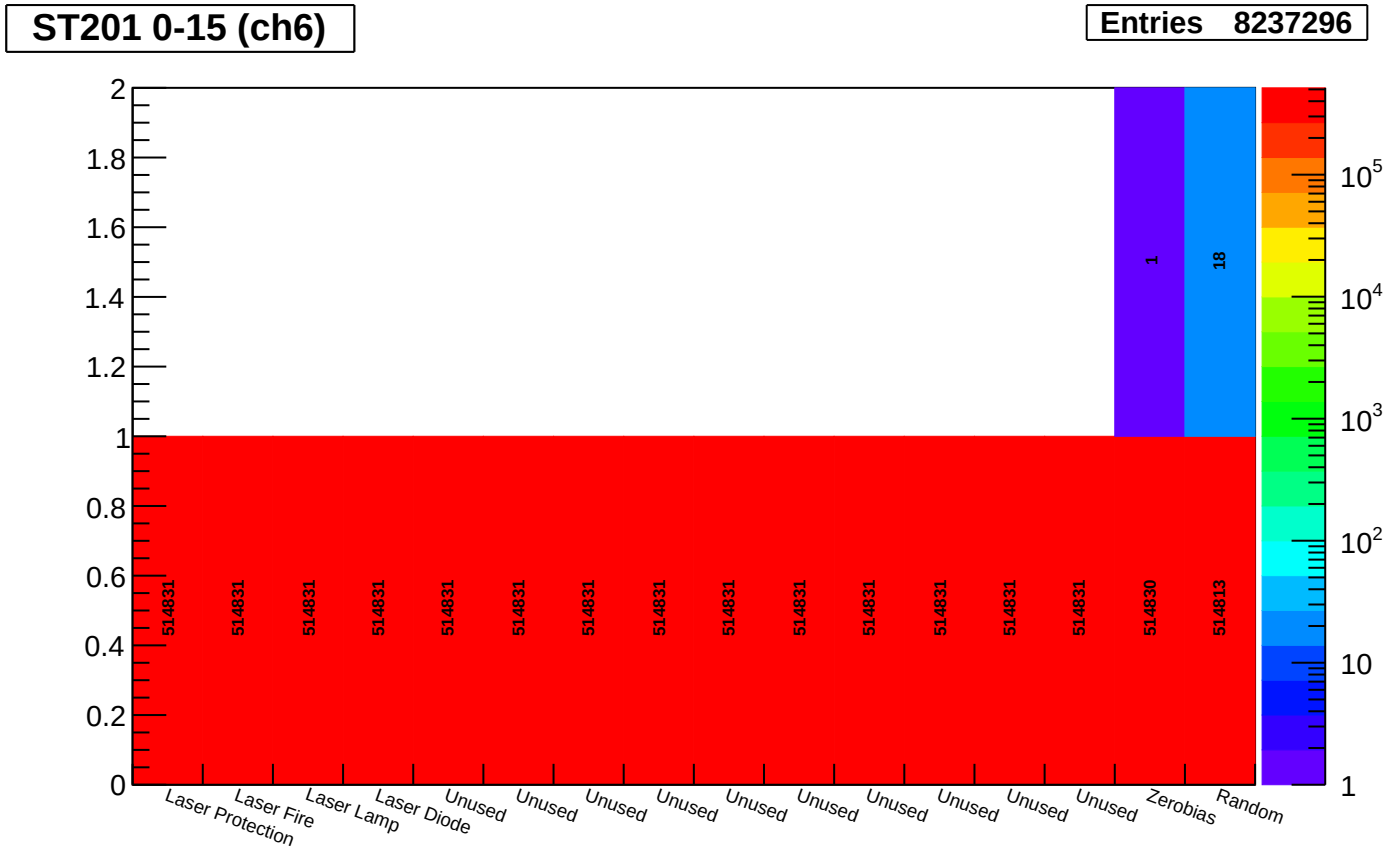

Entries 514831
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

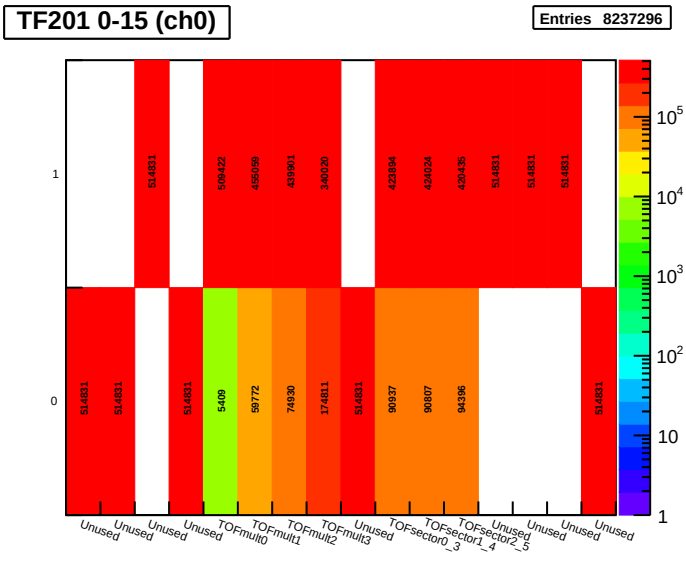

Entries 514831
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

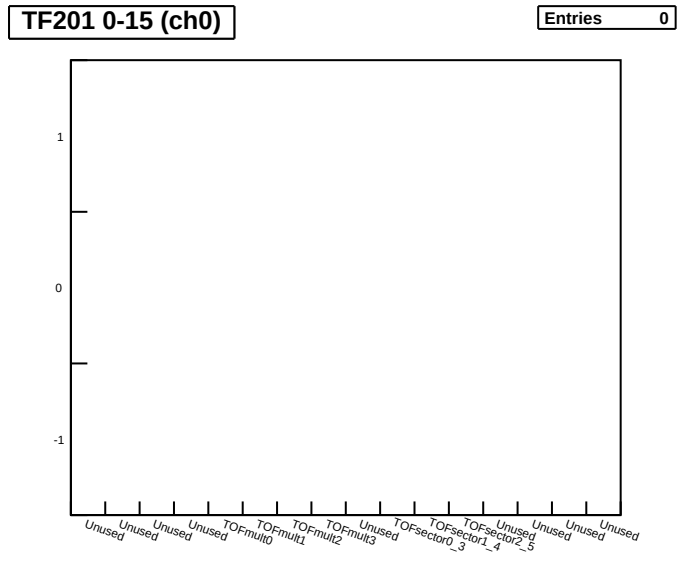

Entries 514831
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

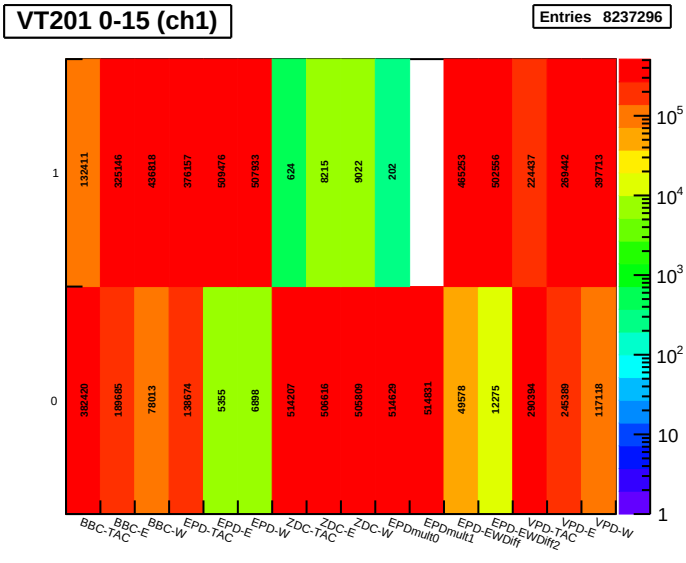

Entries 514831
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

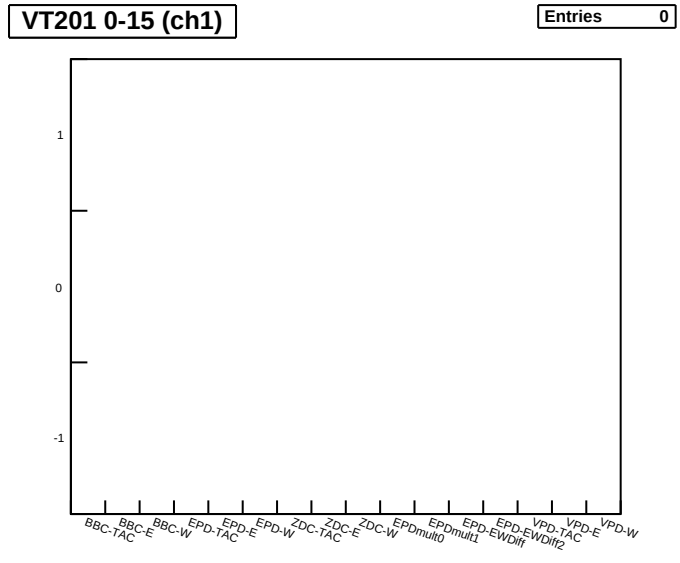

Laser Input Bits
Entries 514831
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

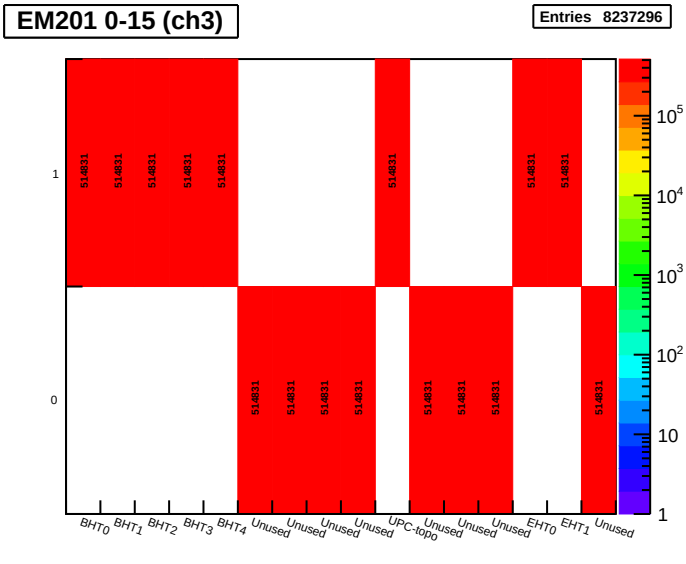

ST201 0-15 (ch6)
Entries 8237296
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514830
514813
1
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

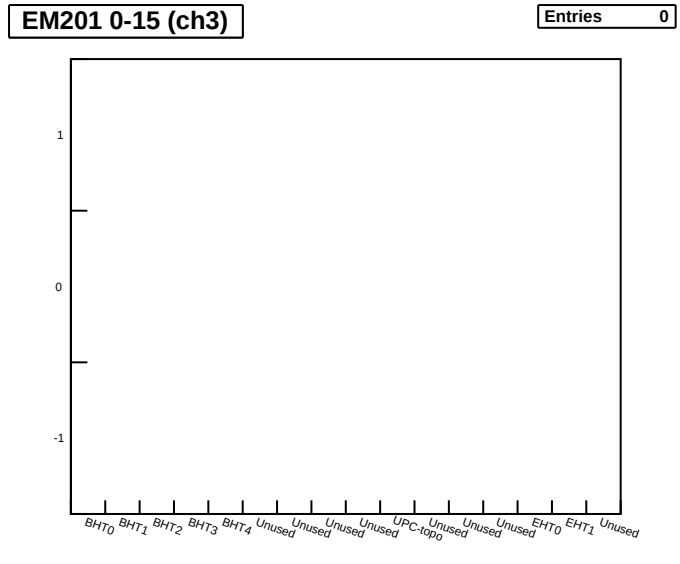

TF201 0-15 (ch0)
Entries 8237296
1
0
514831
509422
455059
439901
340020
423894
424024
420435
514831
514831
514831
514831
514831
514831
5409
59772
74930
174811
514831
90937
90807
94396
514831
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8237296
1
0
132411
325146
436818
376157
509476
507933
624
8215
9022
202
465253
502556
224437
269442
397713
382420
189685
78013
138674
5355
6898
514207
506616
505809
514629
514831
49578
12275
290394
245389
117118
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 8237296
1
0
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
514831
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