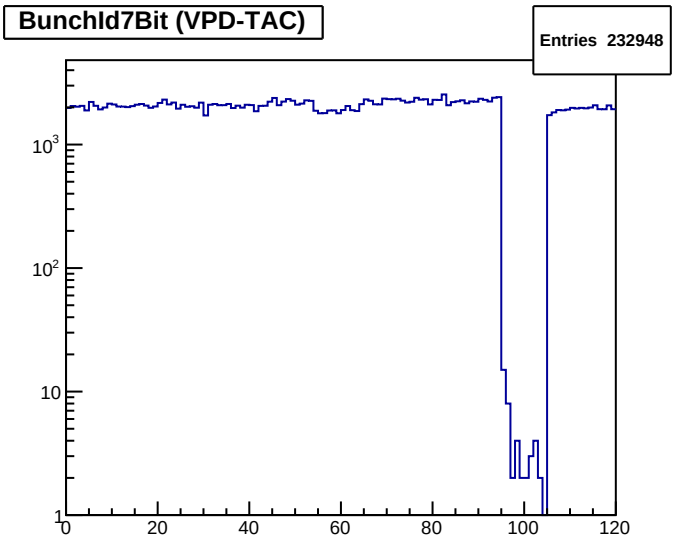
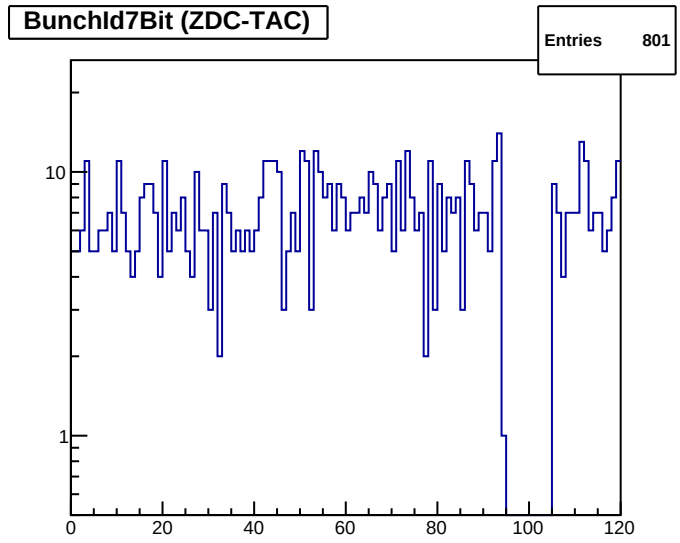
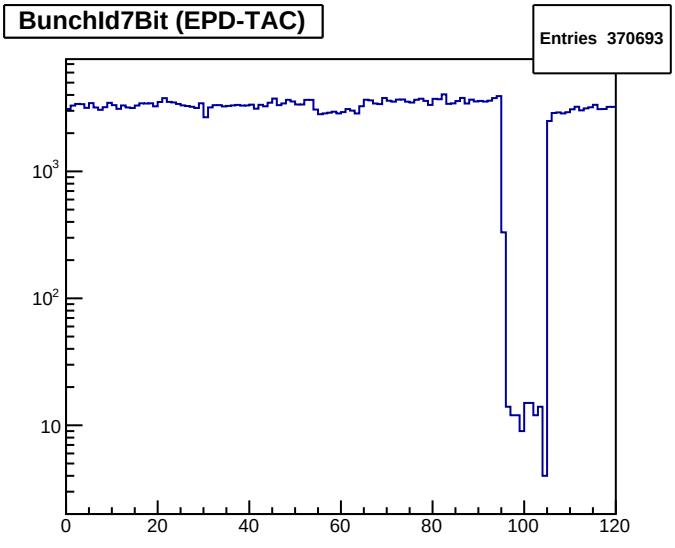
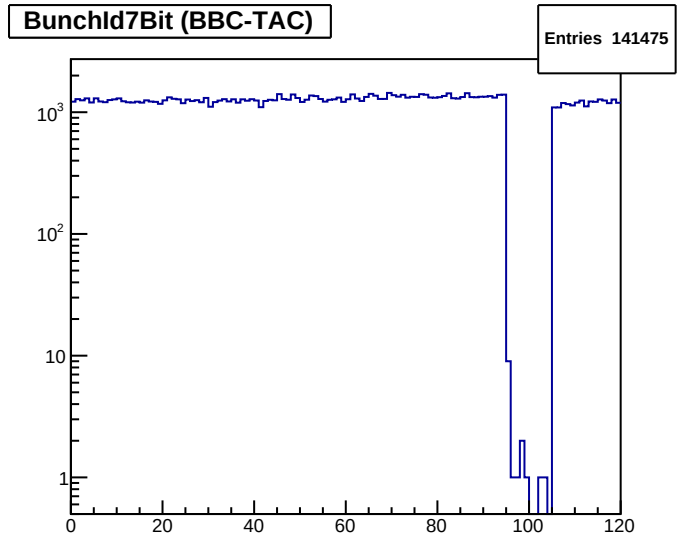
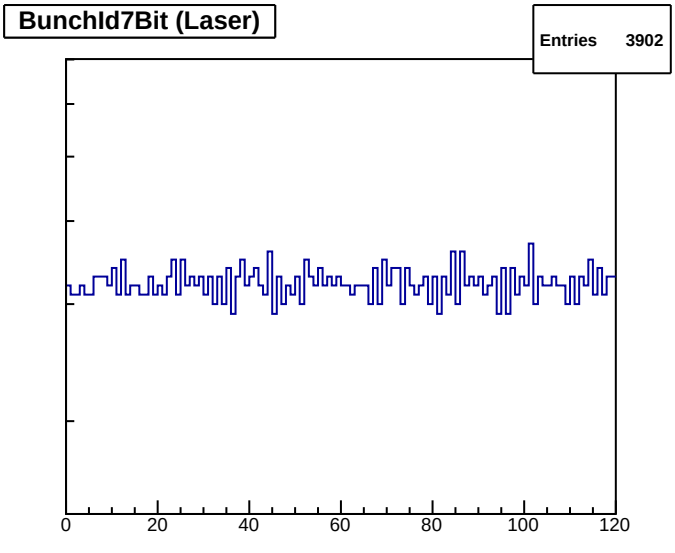
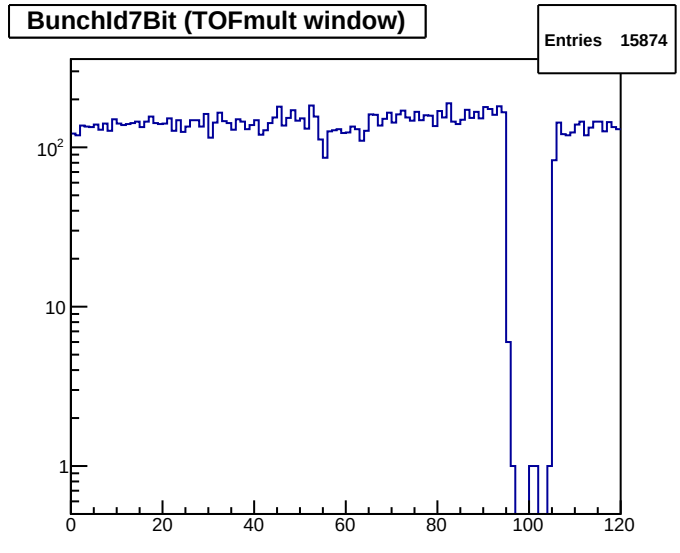

BunchId7Bit (VPD-TAC)
Entries 232948

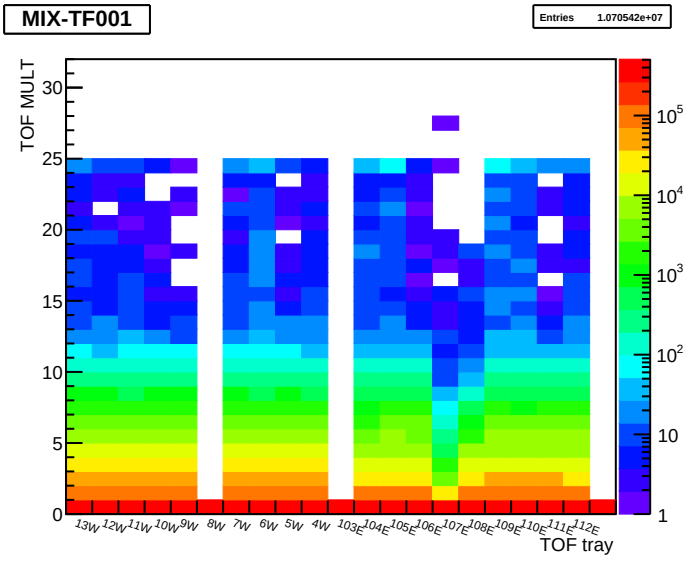

BunchId7Bit (ZDC-TAC)
Entries 801

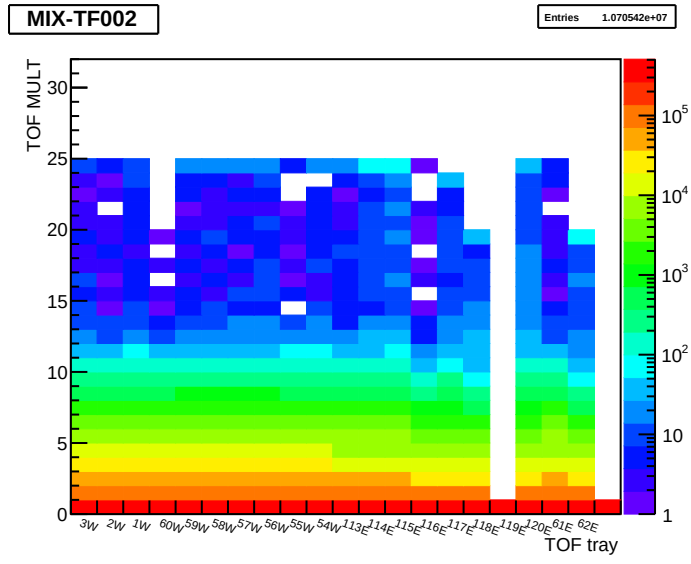

BunchId7Bit (EPD-TAC)
Entries 370693

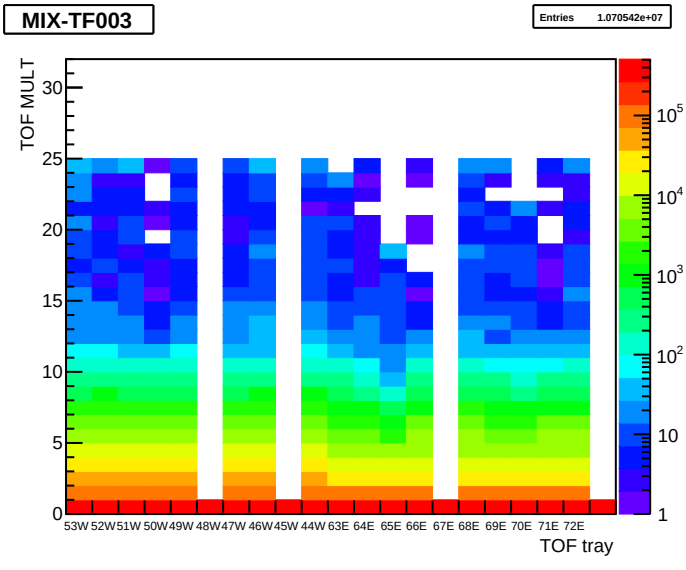

BunchId7Bit (BBC-TAC)
Entries 141475

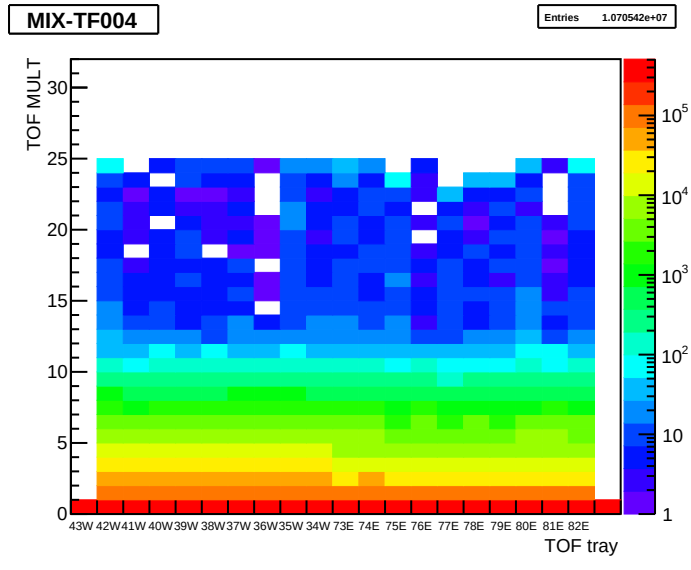

BunchId7Bit (Laser)
Entries 3902

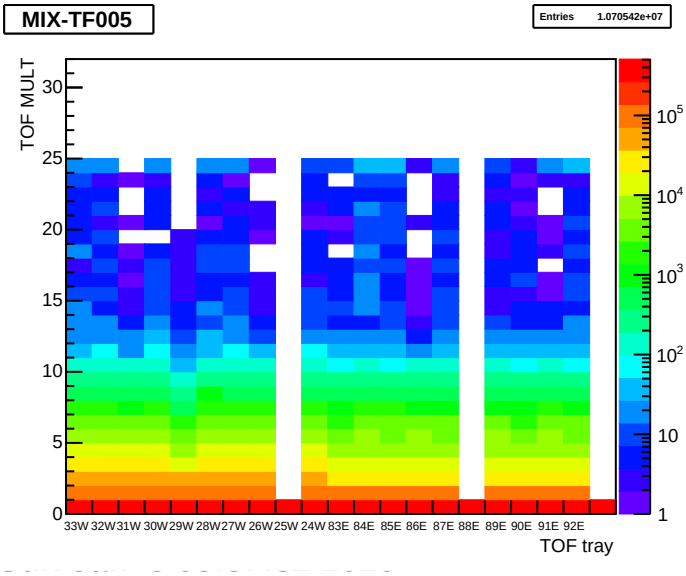

BunchId7Bit (TOFmult window)
Entries 15874

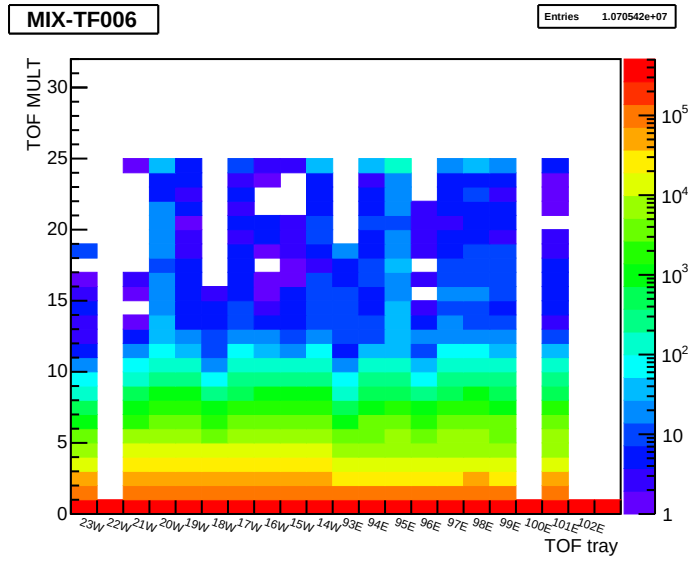

MIX-TF001
Entries 1.070542e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

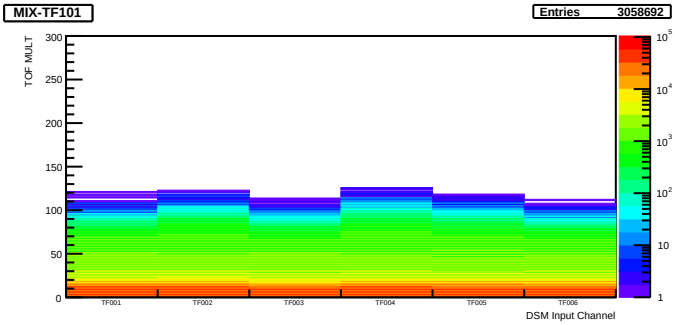

MIX-TF002
Entries 1.070542e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

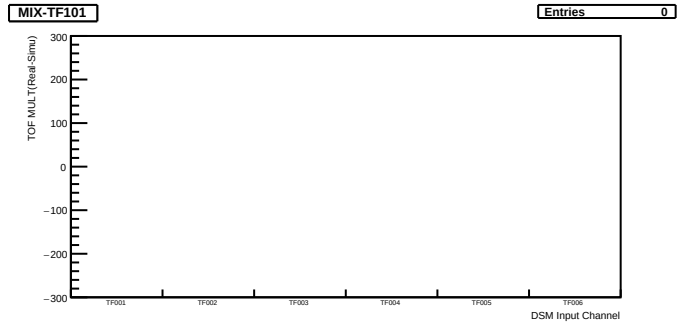

MIX-TF003
Entries 1.070542e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

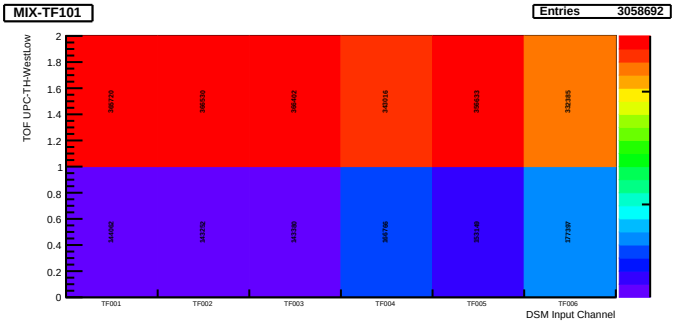

MIX-TF004
Entries 1.070542e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

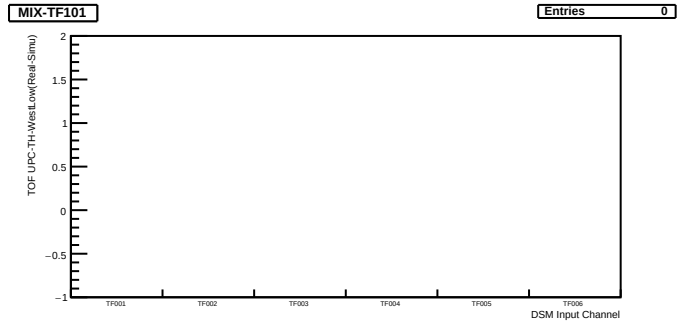

MIX-TF005
Entries 1.070542e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

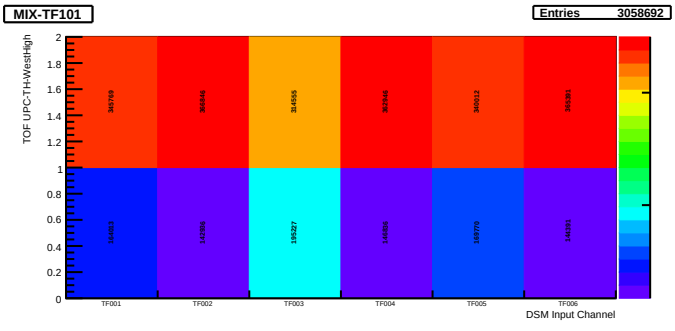

MIX-TF006
Entries 1.070542e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

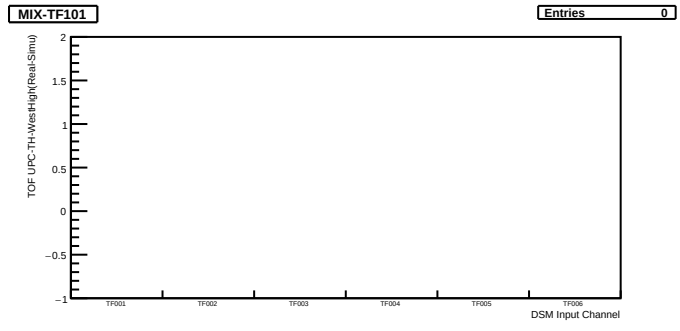

MIX-TF101
Entries 3058692
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

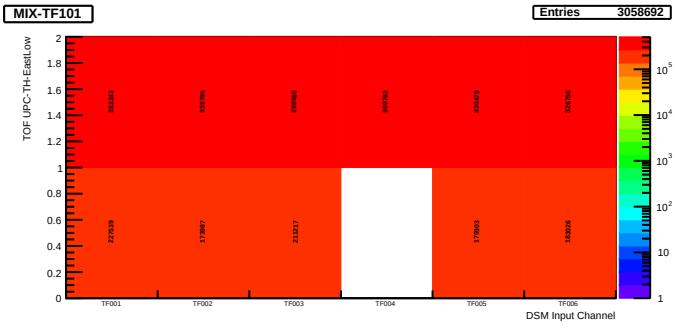

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

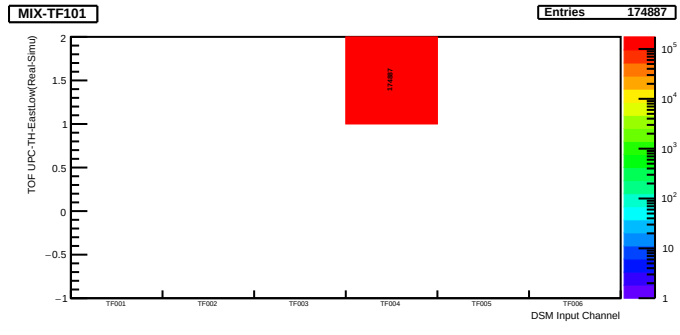

MIX-TF101
Entries 3058692
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

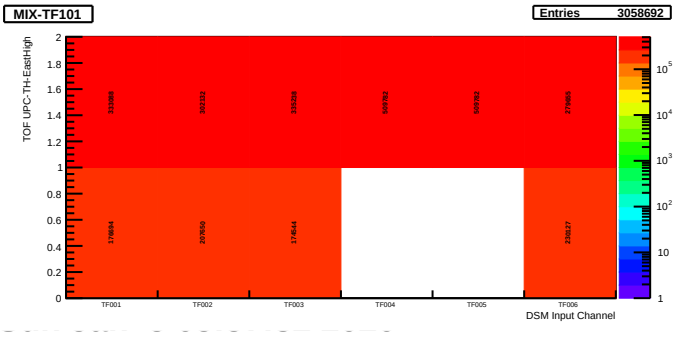

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

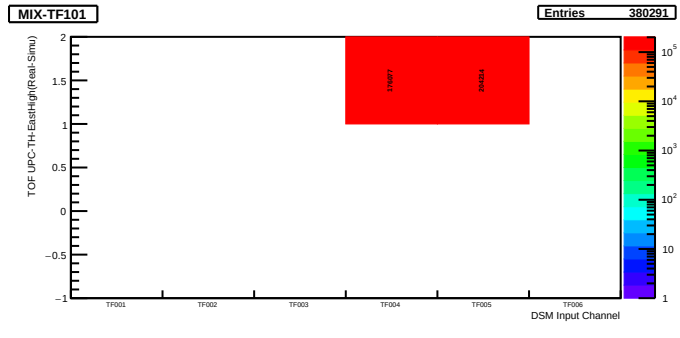

MIX-TF101
Entries 3058692
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

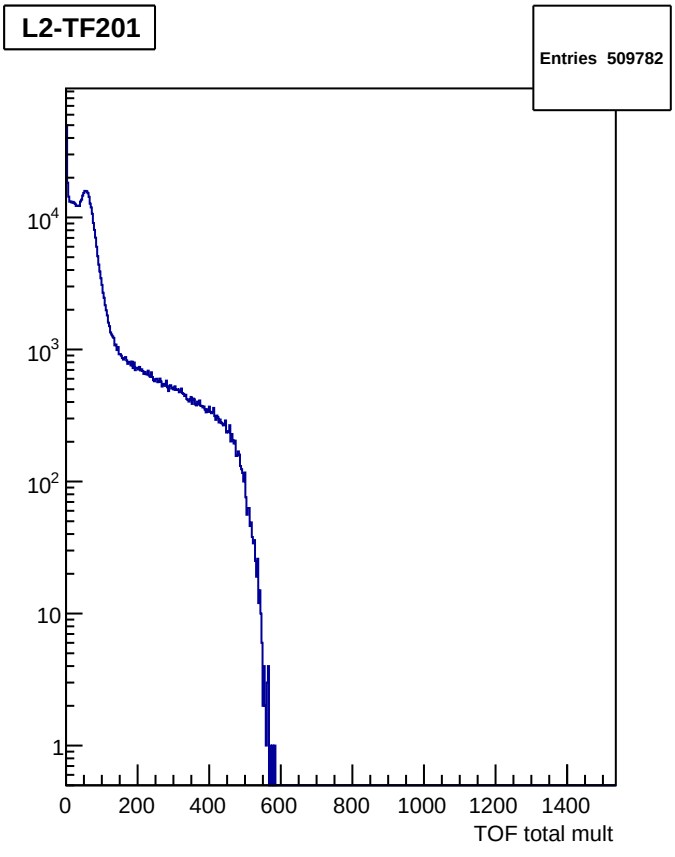

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

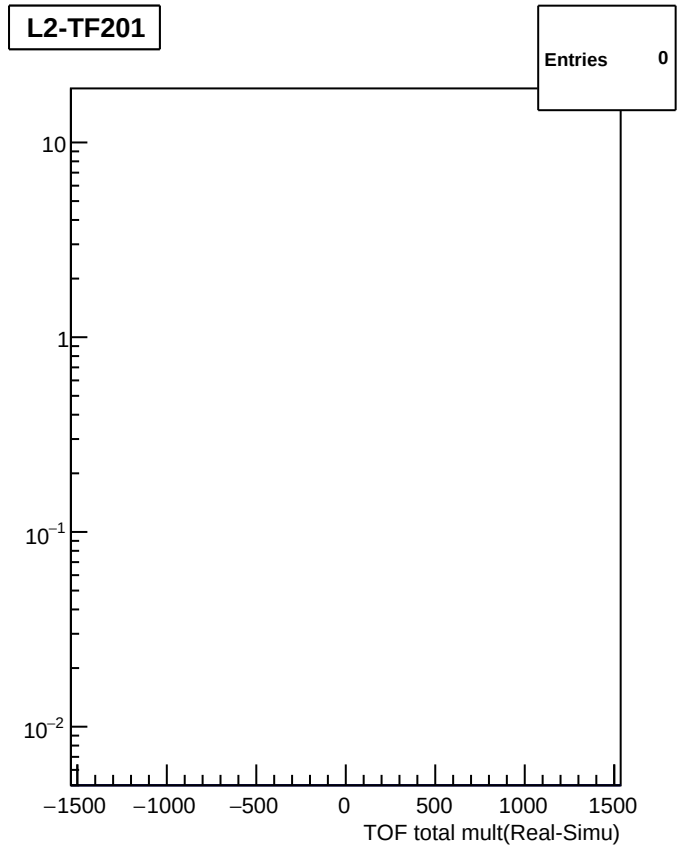

MIX-TF101
Entries 3058692
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

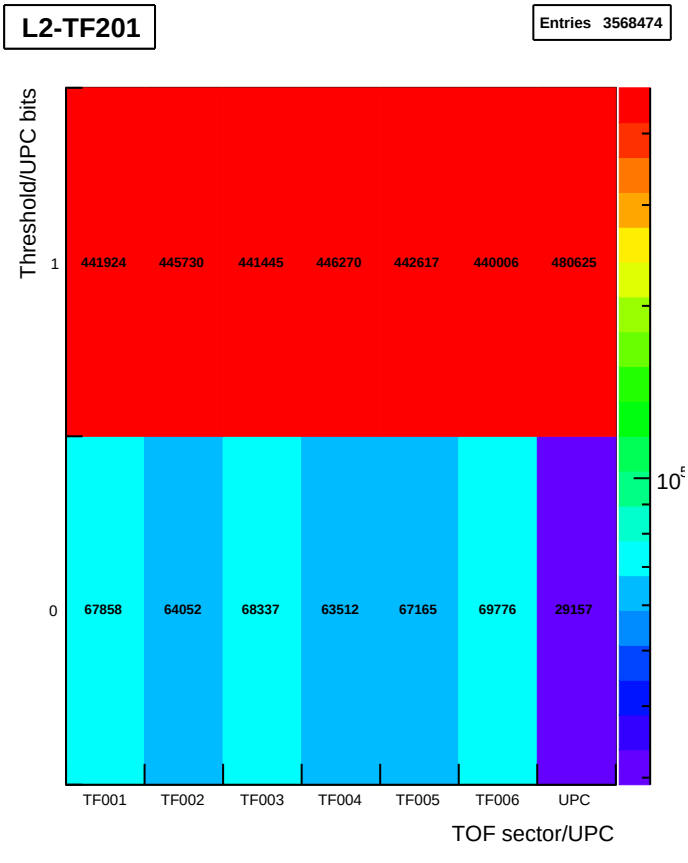

MIX-TF101
Entries 174887
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

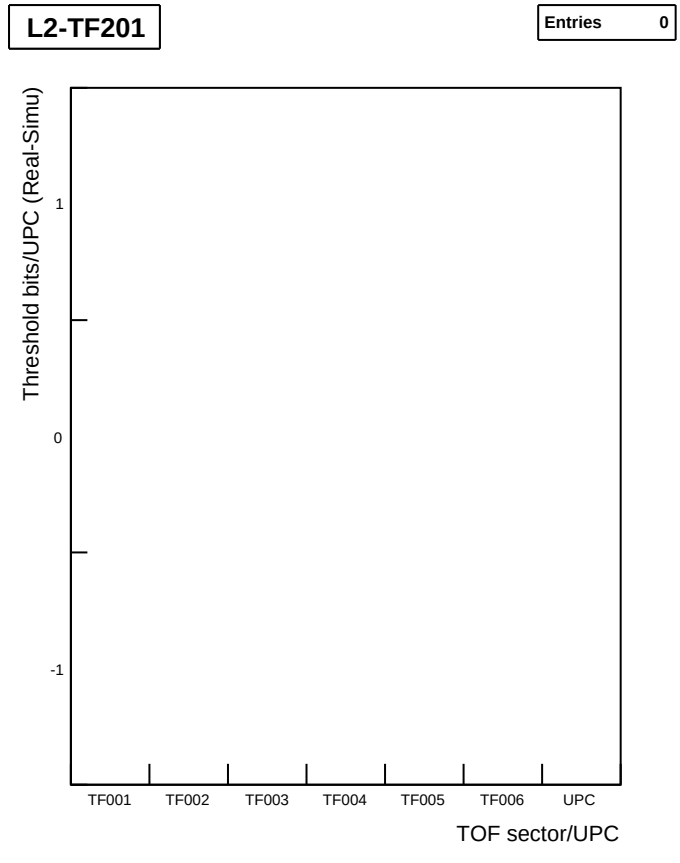

MIX-TF101
Entries 3058692
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

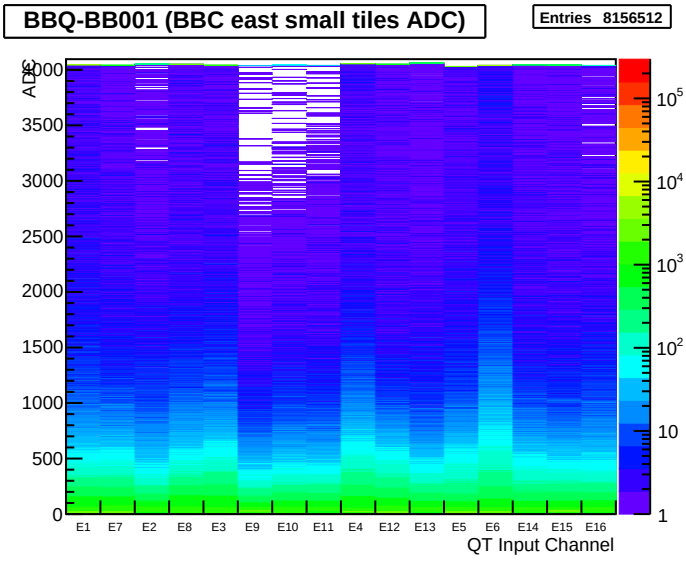

MIX-TF101
Entries 380291
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

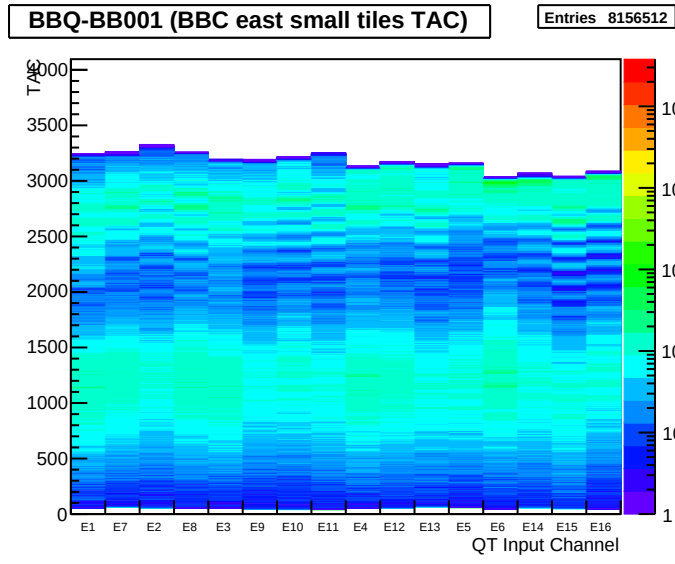

L2-TF201
Entries 509782
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

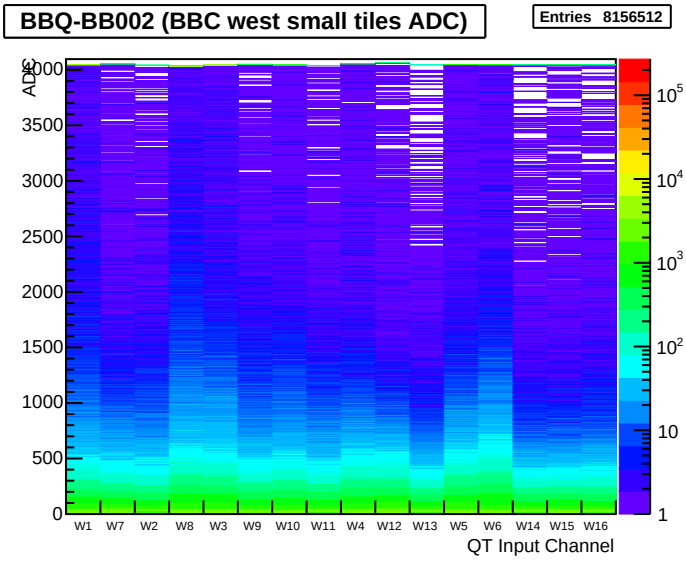

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

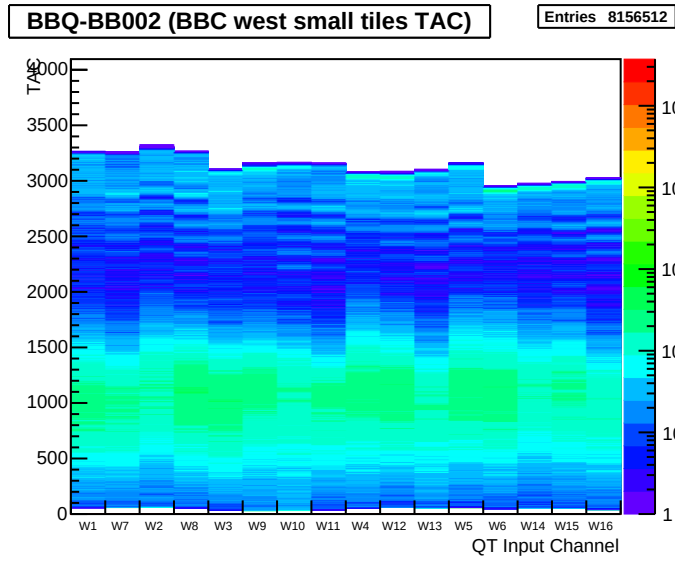

L2-TF201
Entries 3568474
Threshold/UPC bits
1
0
441924
445730
441445
446270
442617
440006
480625
67858
64052
68337
63512
67165
69776
29157
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

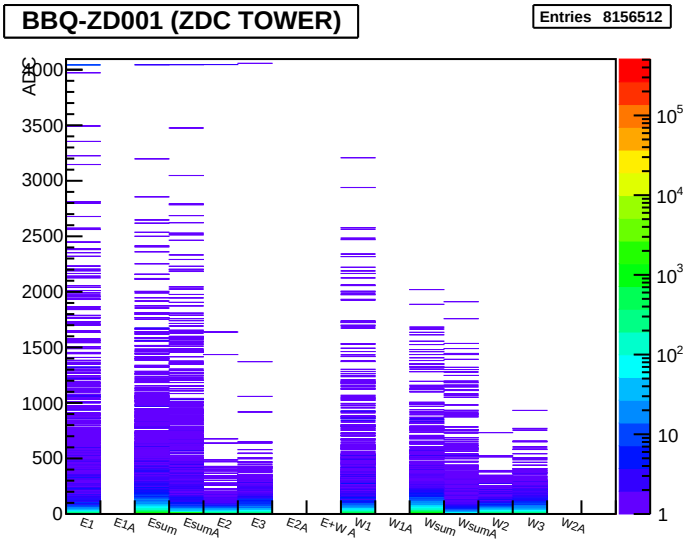

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

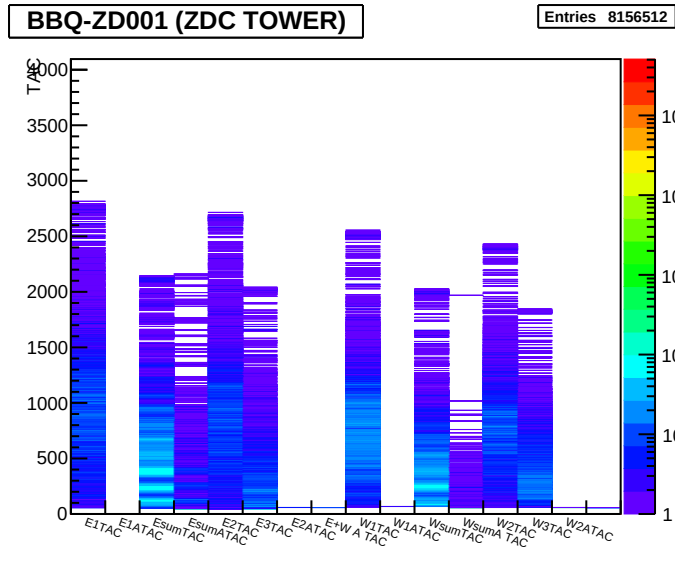

BBQ-BB001 (BBC east small tiles ADC)
Entries 8156512
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

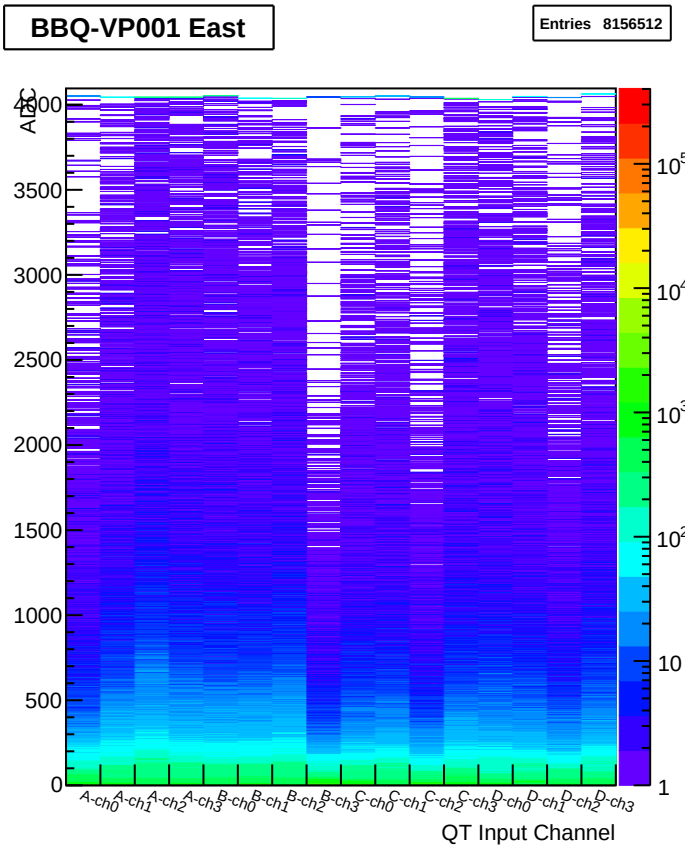

BBQ-BB001 (BBC east small tiles TAC)
Entries 8156512
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

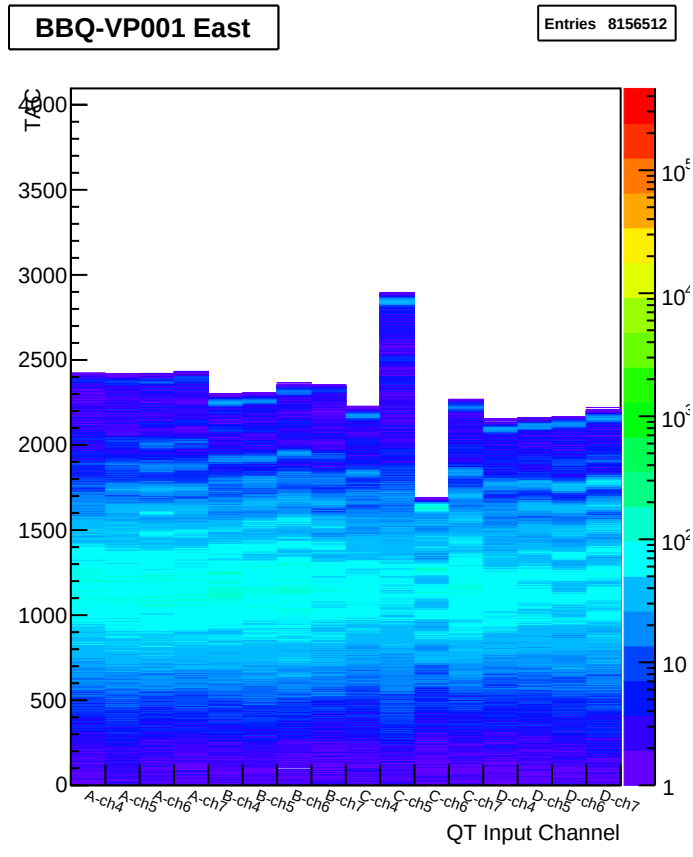

BBQ-BB002 (BBC west small tiles ADC)
Entries 8156512
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

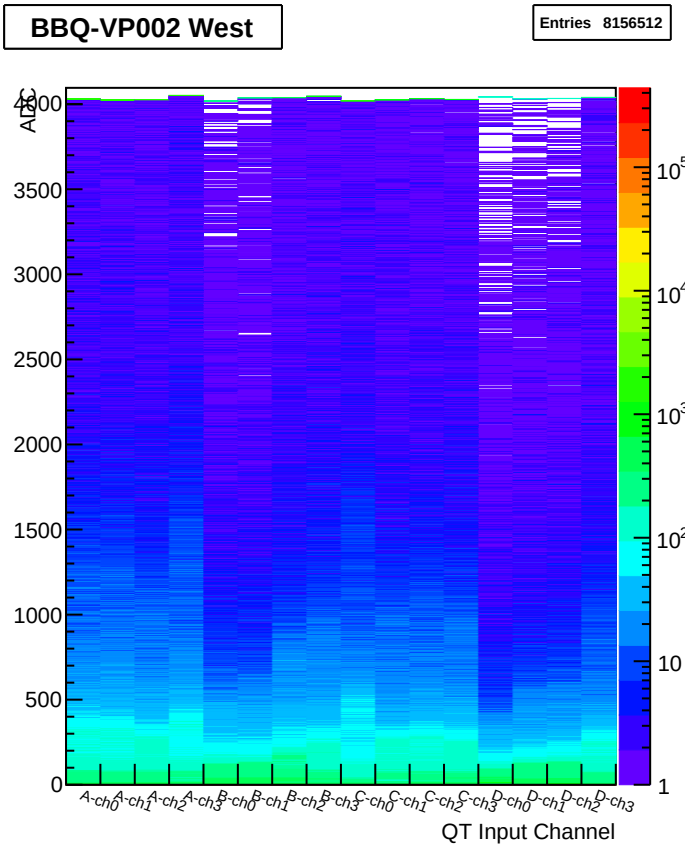

BBQ-BB002 (BBC west small tiles TAC)
Entries 8156512
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

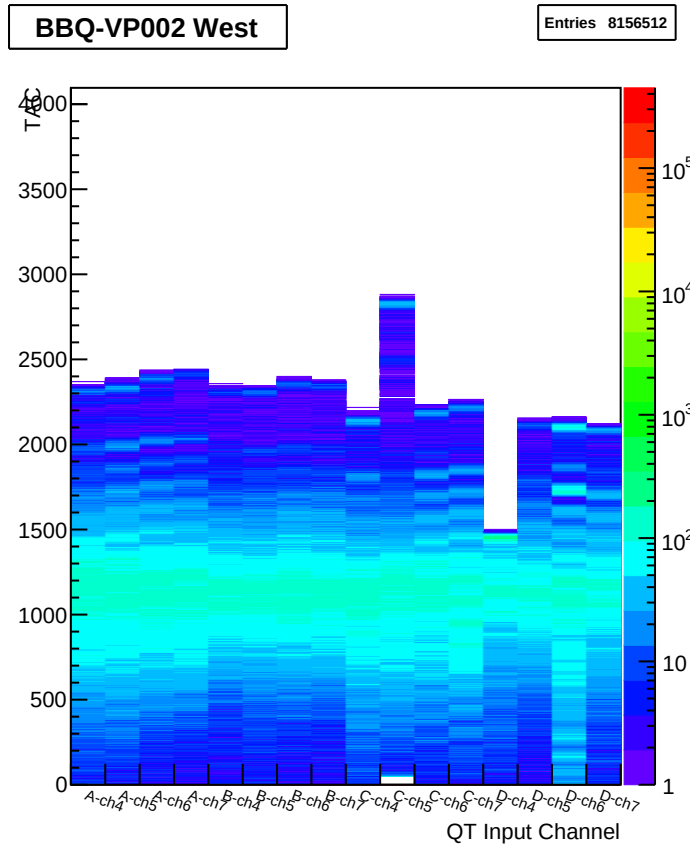

BBQ-ZD001 (ZDC TOWER)
Entries 8156512
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

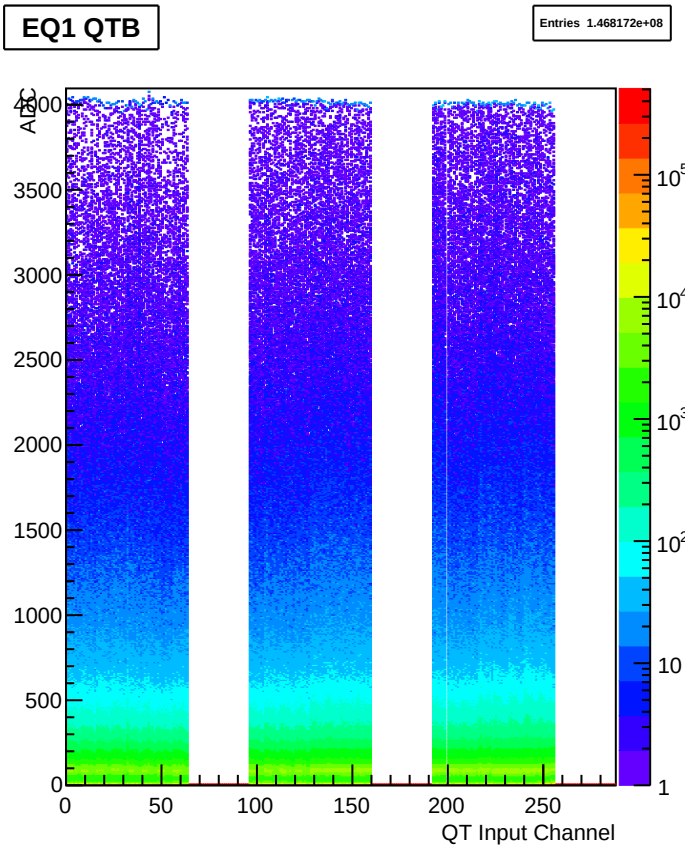

BBQ-ZD001 (ZDC TOWER)
Entries 8156512
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

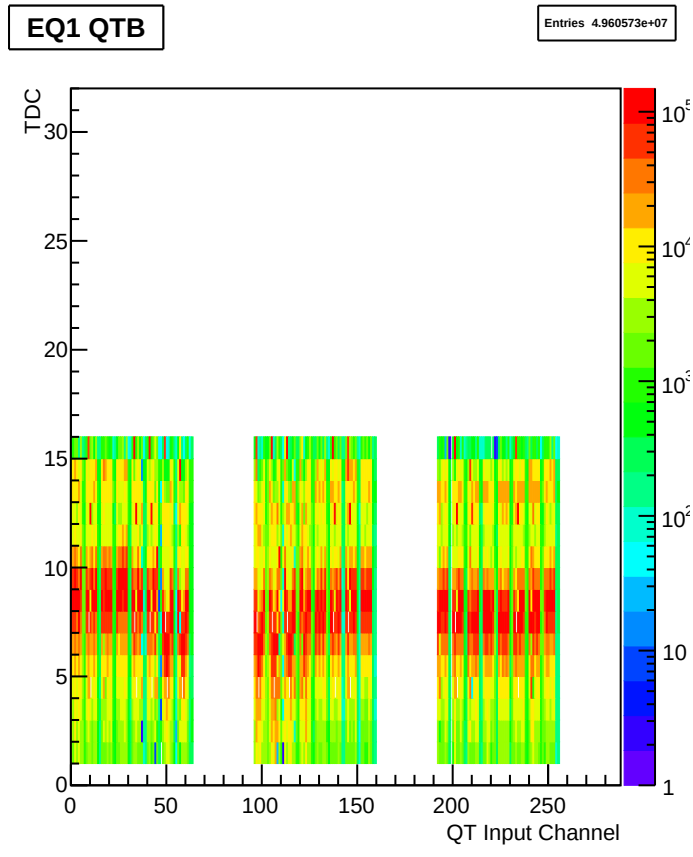

BBQ-VP001 East
Entries 8156512
ADC
QT Input Channel

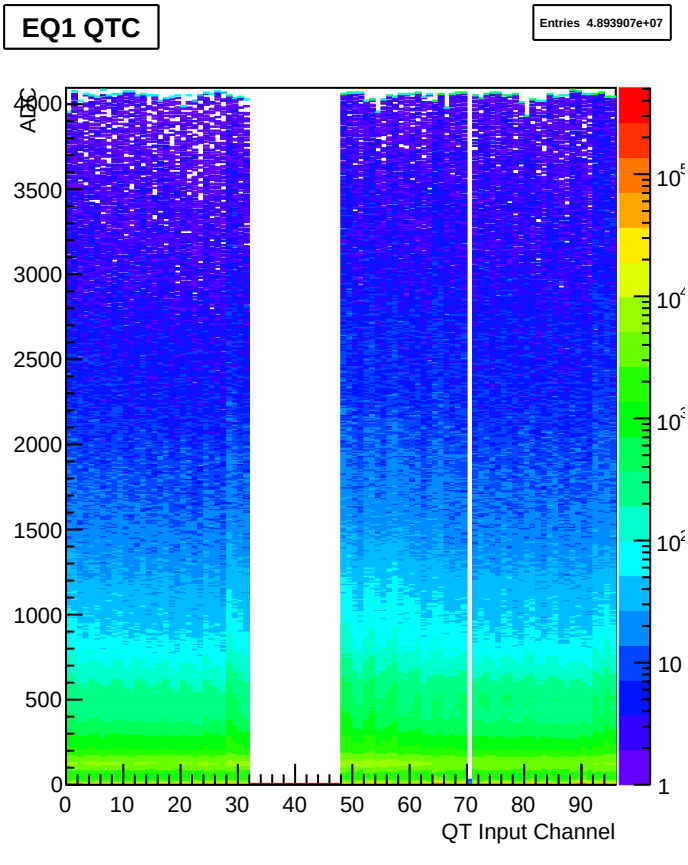

BBQ-VP001 East
Entries 8156512
ADC
QT Input Channel

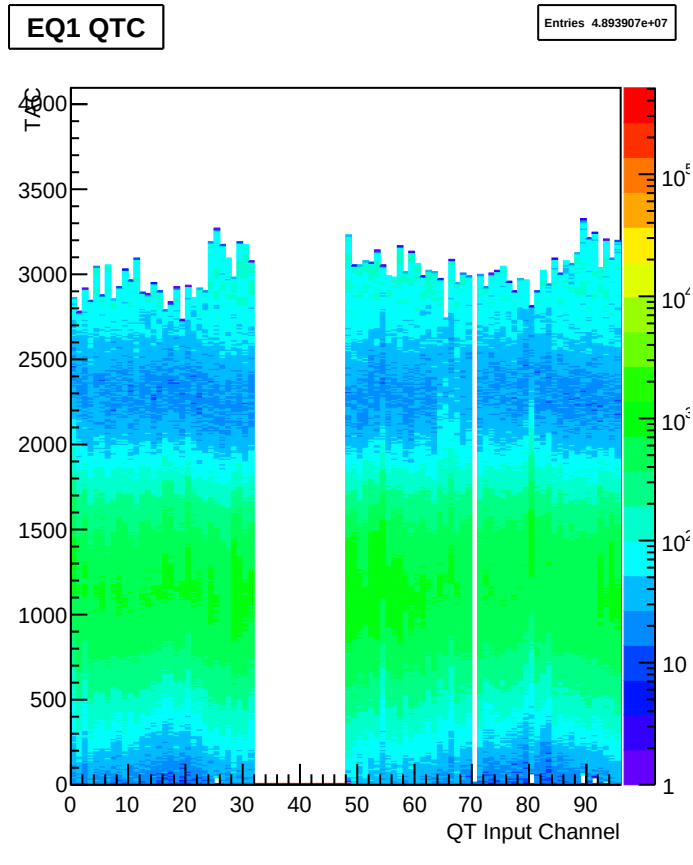

BBQ-VP002 West
Entries 8156512
ADC
QT Input Channel

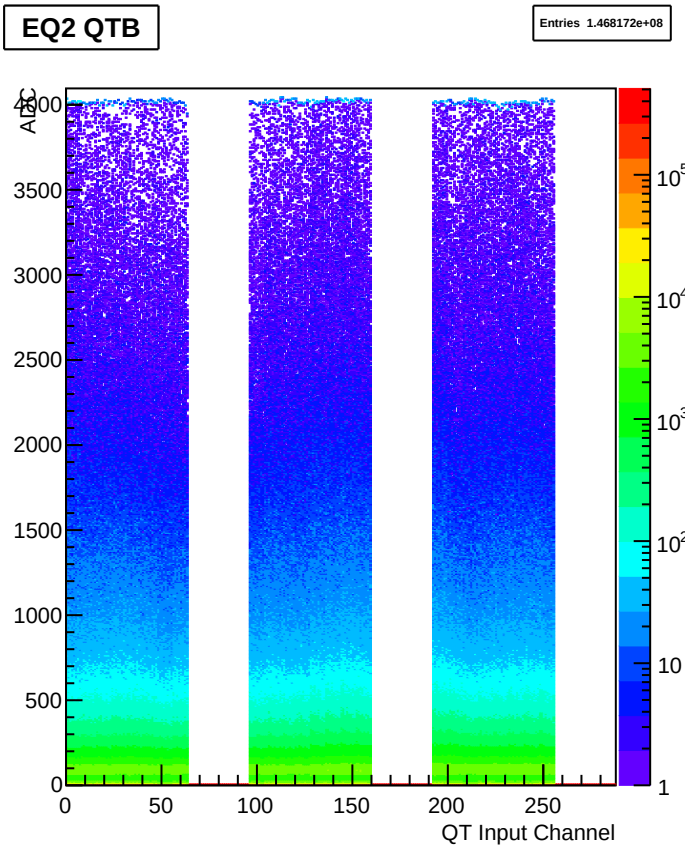

BBQ-VP002 West
Entries 8156512
ADC
QT Input Channel

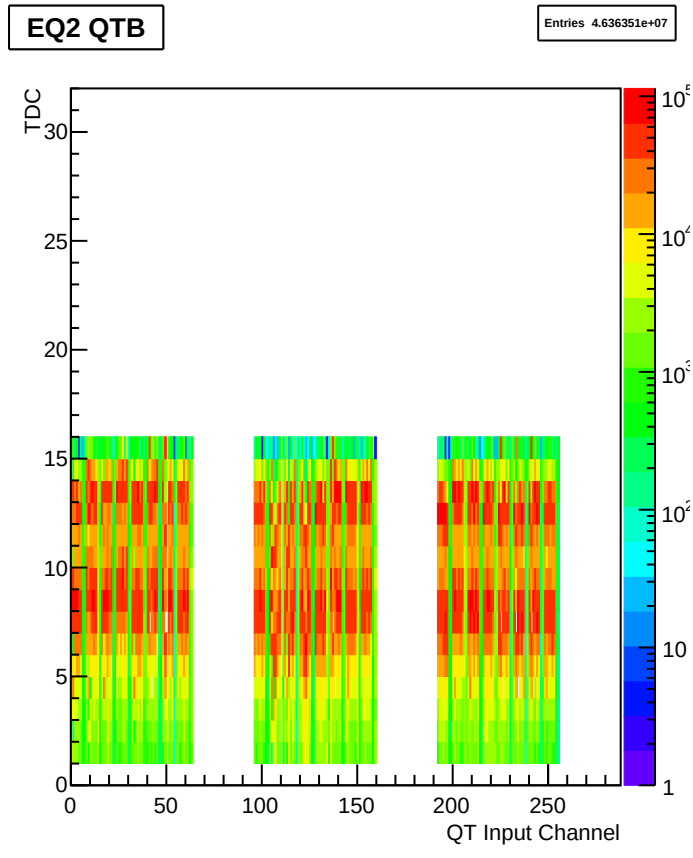

EQ1 QTB
Entries 1.468172e+08
ADC
QT Input Channel

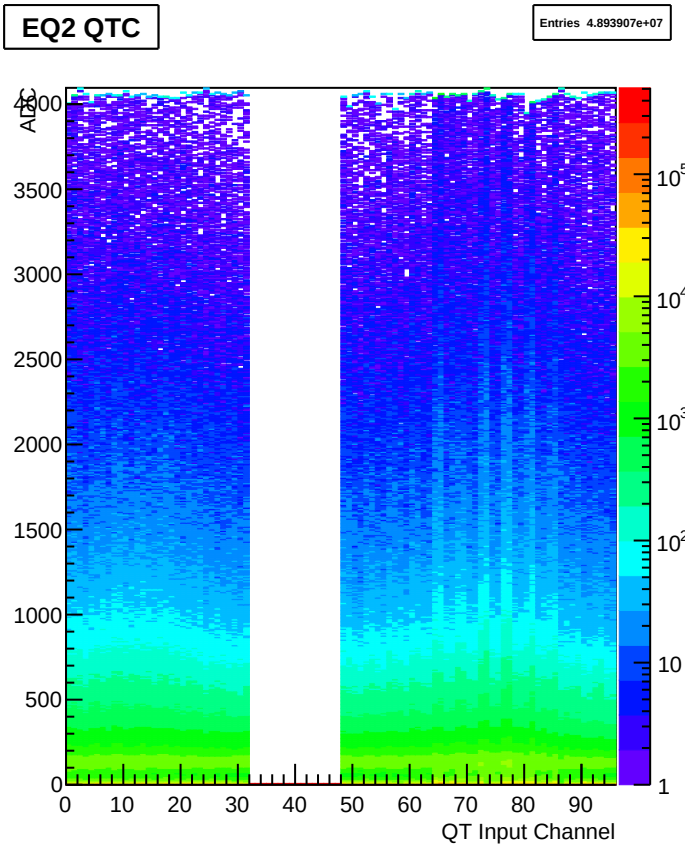

EQ1 QTB
Entries 4.960573e+07
TDC
QT Input Channel

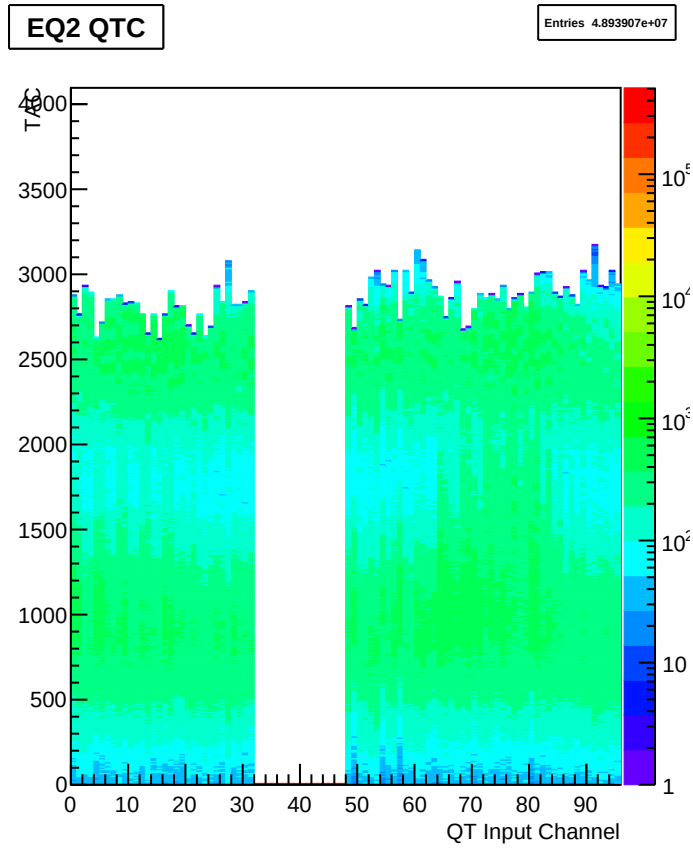

EQ1 QTC
Entries 4.893907e+07
ADC
QT Input Channel

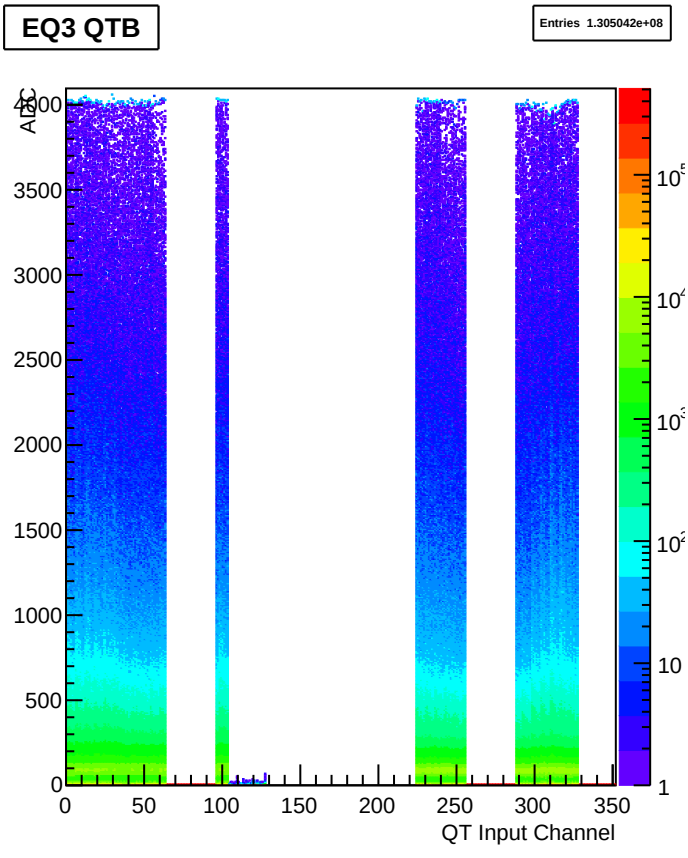

EQ1 QTC
Entries 4.893907e+07
TADC
QT Input Channel

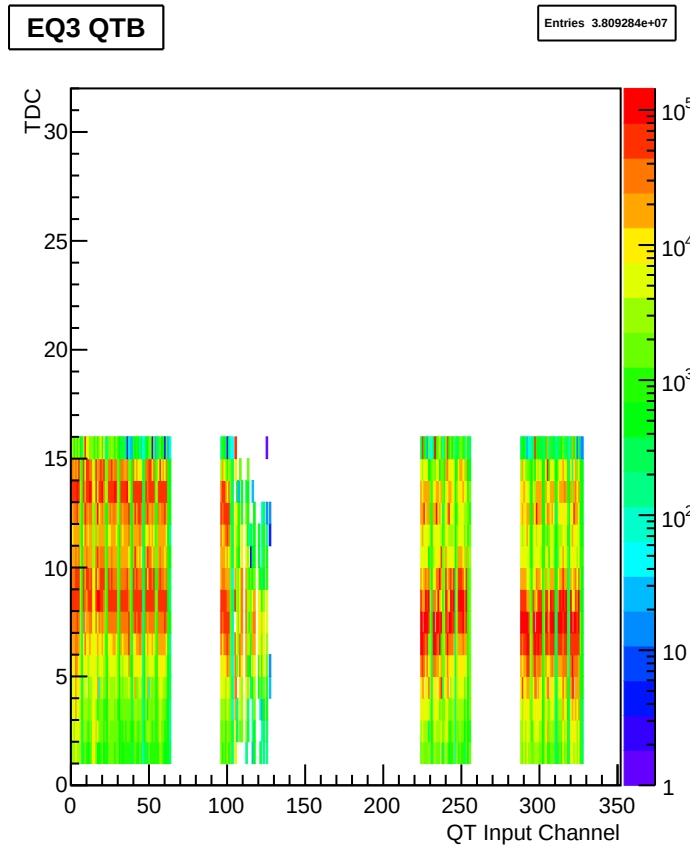

EQ2 QTB
Entries 1.468172e+08
ADC
QT Input Channel

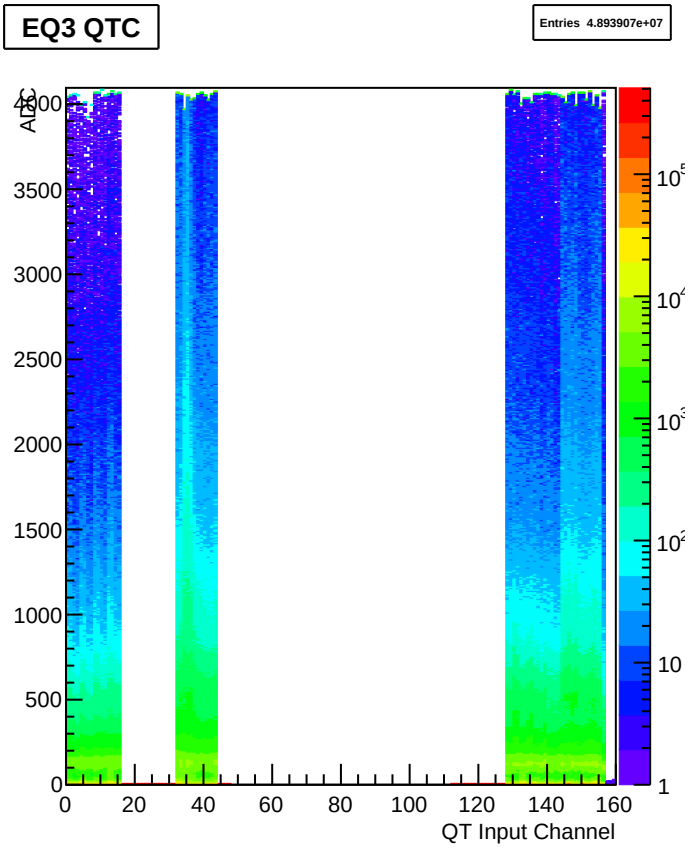

EQ2 QTB
Entries 4.636351e+07
TDC
QT Input Channel

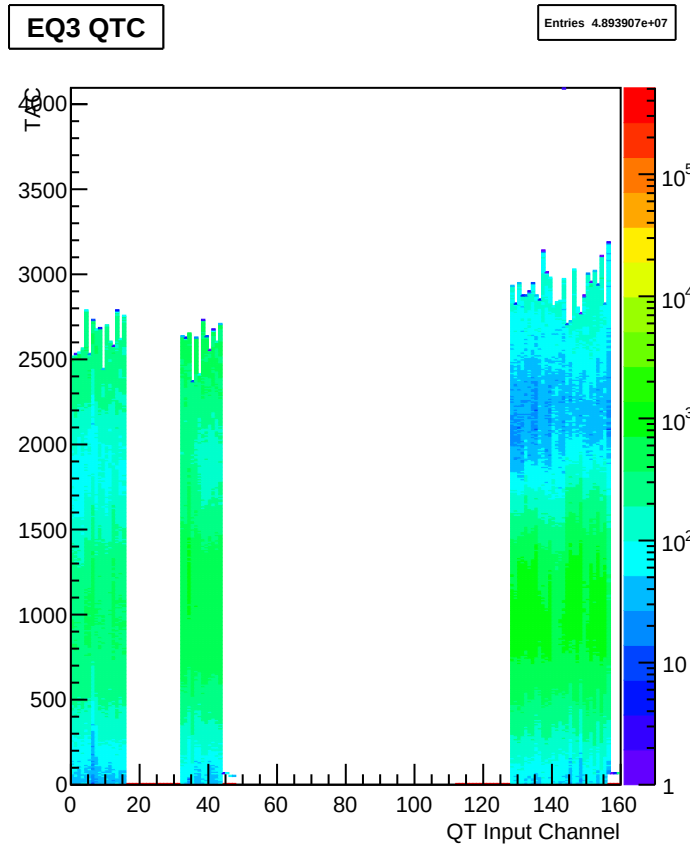

EQ2 QTC
Entries 4.893907e+07
ADC
QT Input Channel

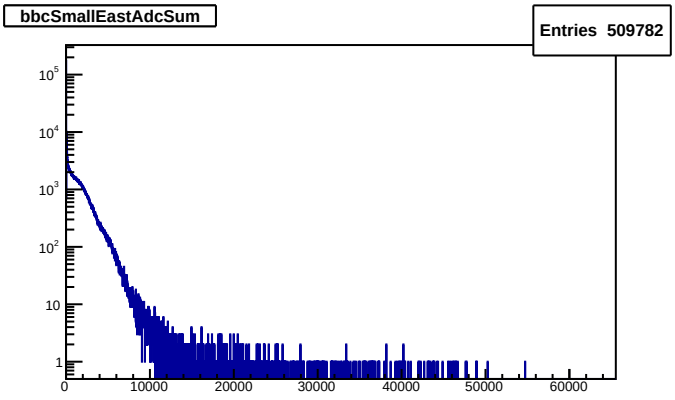

EQ2 QTC
Entries 4.893907e+07
TADC
QT Input Channel

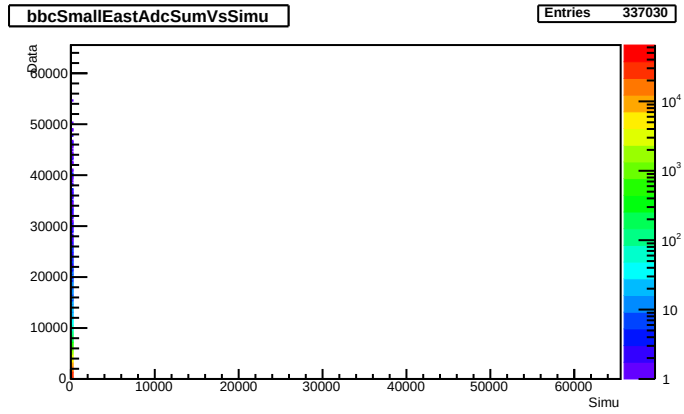

EQ3 QTB
Entries 1.305042e+08
ADC
QT Input Channel

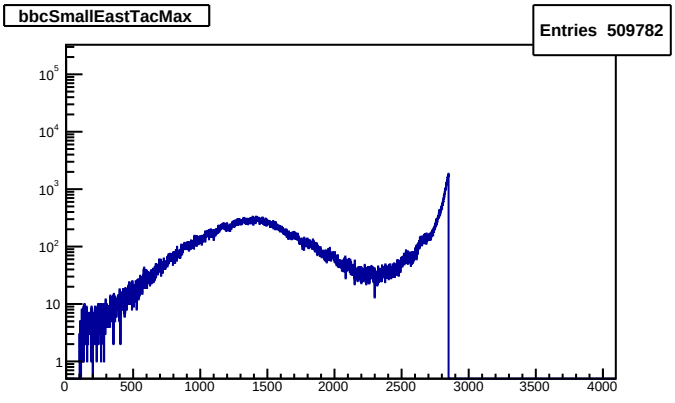

EQ3 QTB
Entries 3.809284e+07
TDC
QT Input Channel

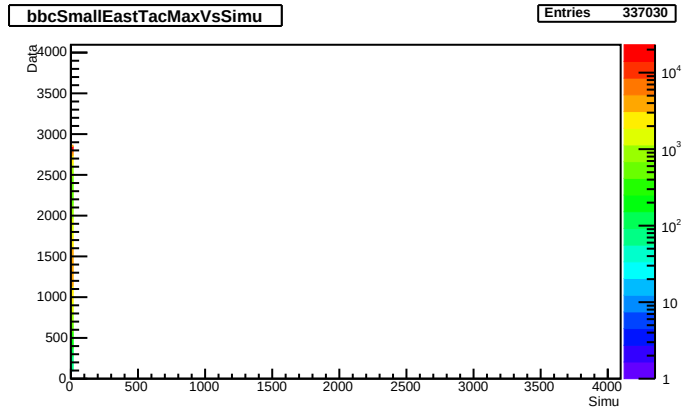

EQ3 QTC
Entries 4.893907e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.893907e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 509782


bbcSmallEastAdcSumVsSimu
Entries 337030
Data
Simu


bbcSmallEastTacMax
Entries 509782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Entries 337030
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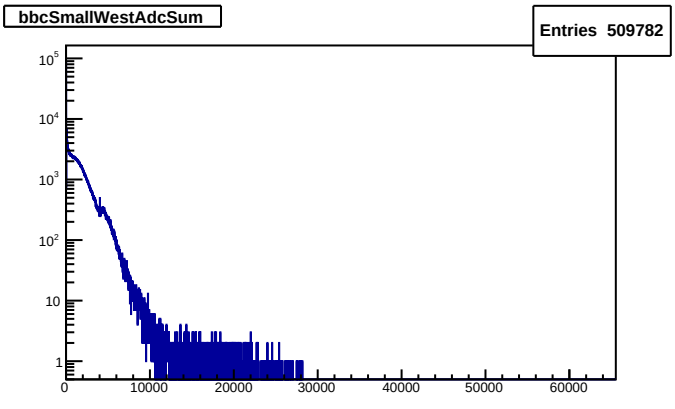
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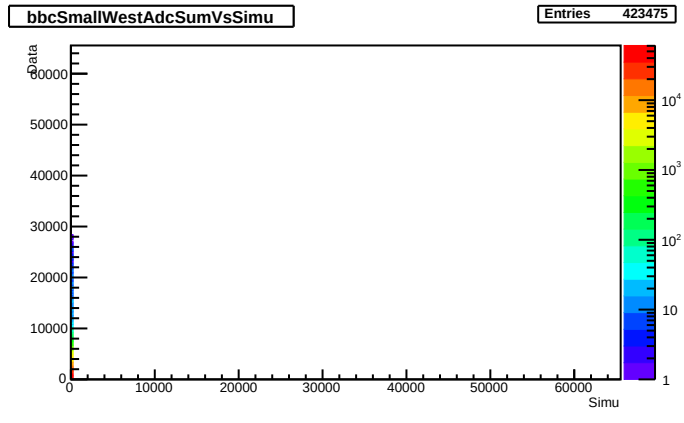
Entries 509782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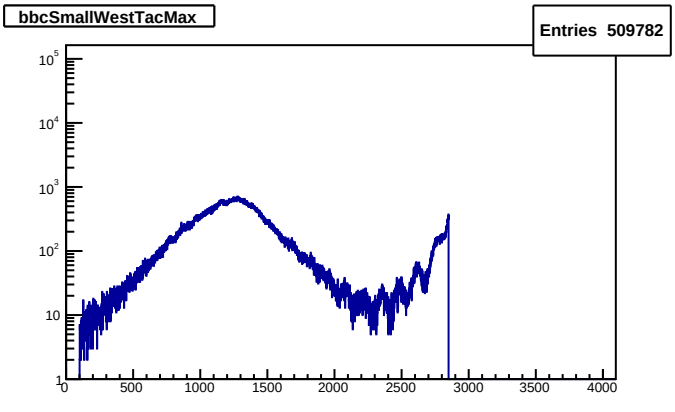
Entries 423475
Data
Simu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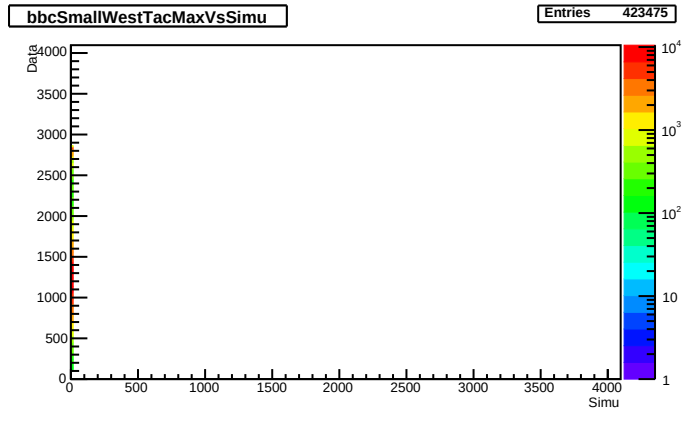
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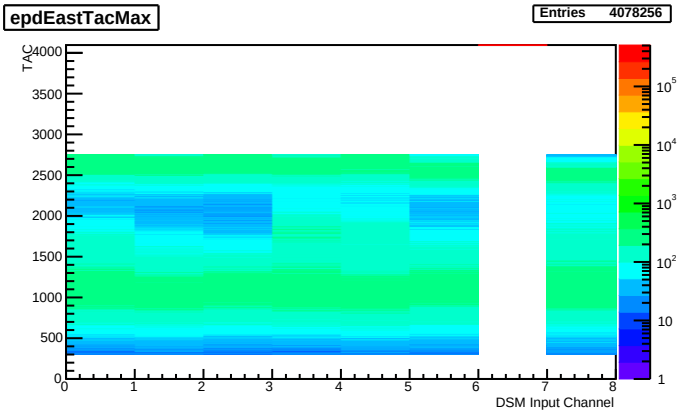
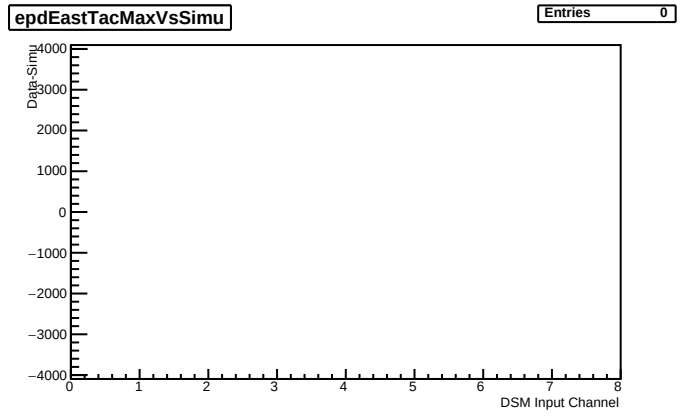
Entries 423475
Data
Simu


epdEastTacMax
Entries 4078256
TAC
DSM Input Channel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Entries 0
Data-Simu
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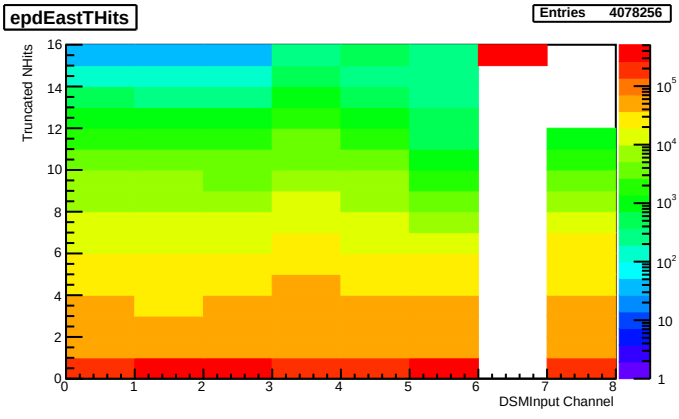
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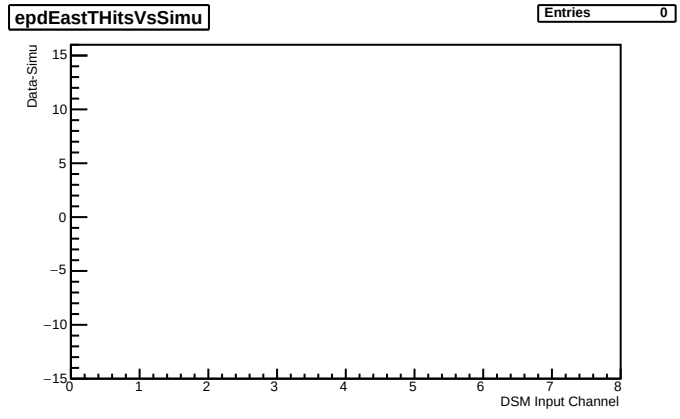
Entries 4078256
Truncated NHits
DSMInput Channel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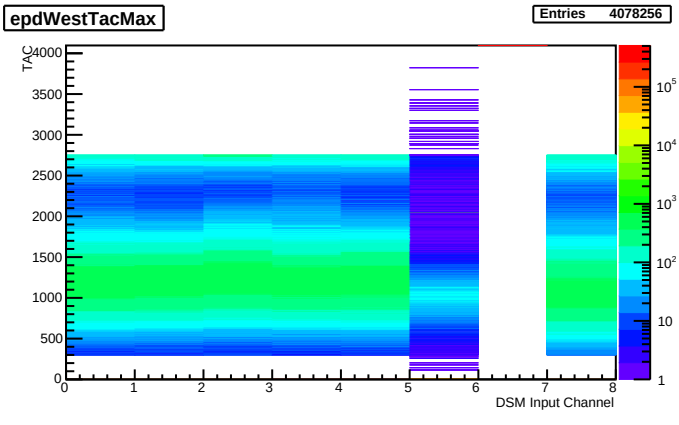
Data-Simu
DSM Input Channel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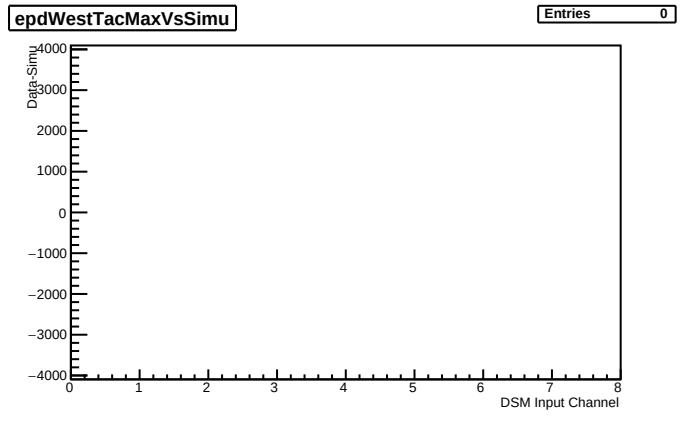
DSM Input Channel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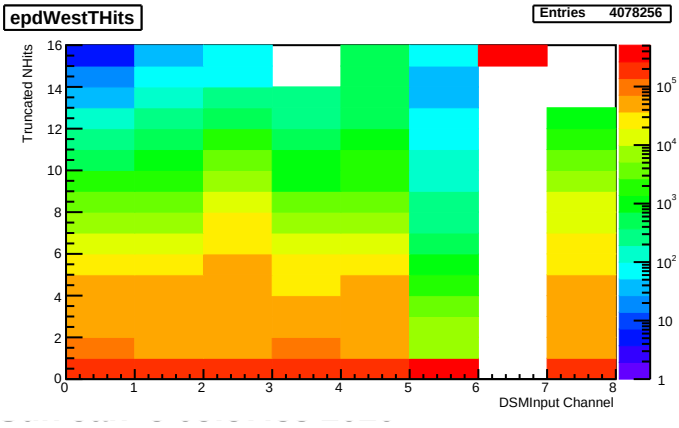
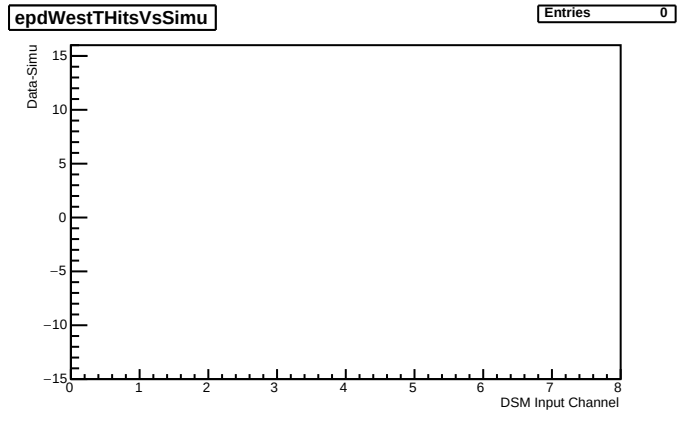
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4078256
Truncated NHits
DSMInput Channel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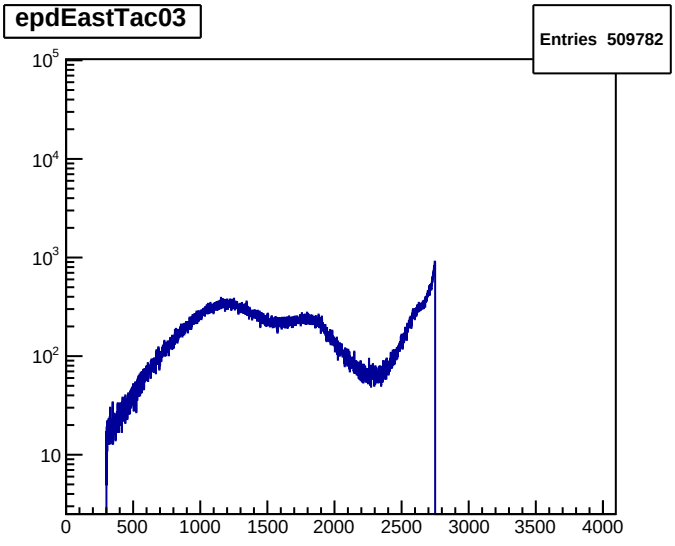
Entries 0
Data-Simu
DSM Input Channel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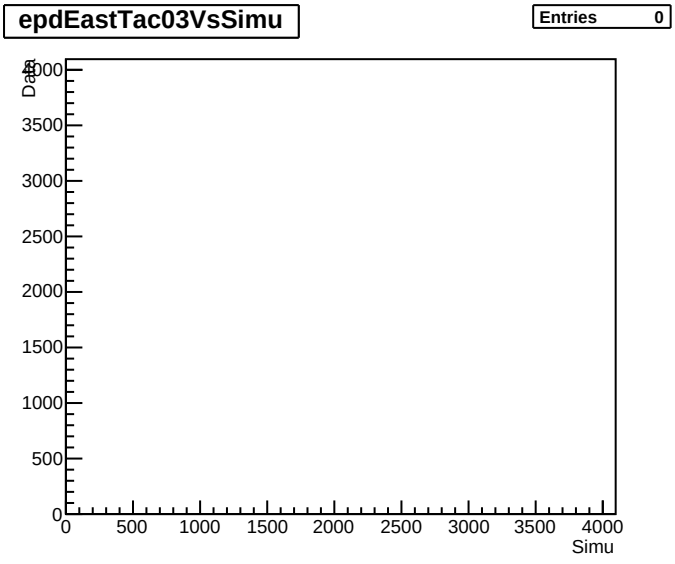
Entries 509782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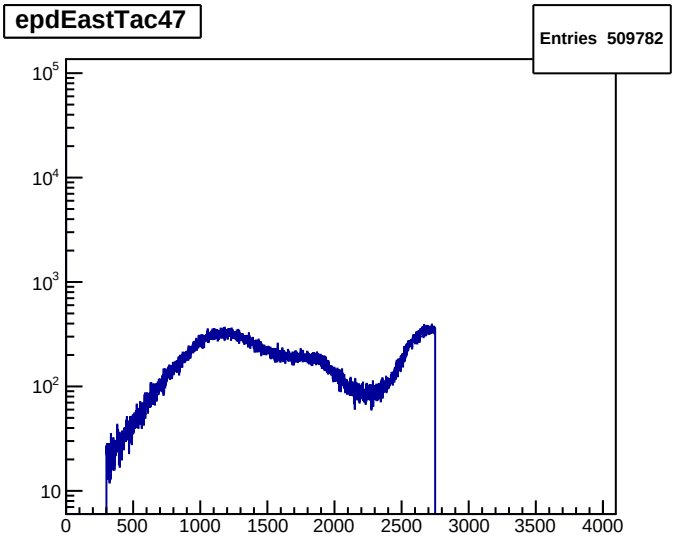
Entries 0
Data
Simu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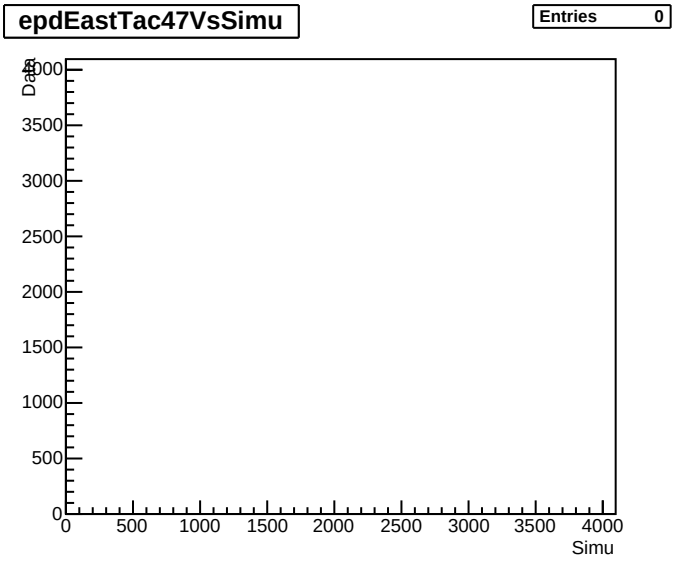
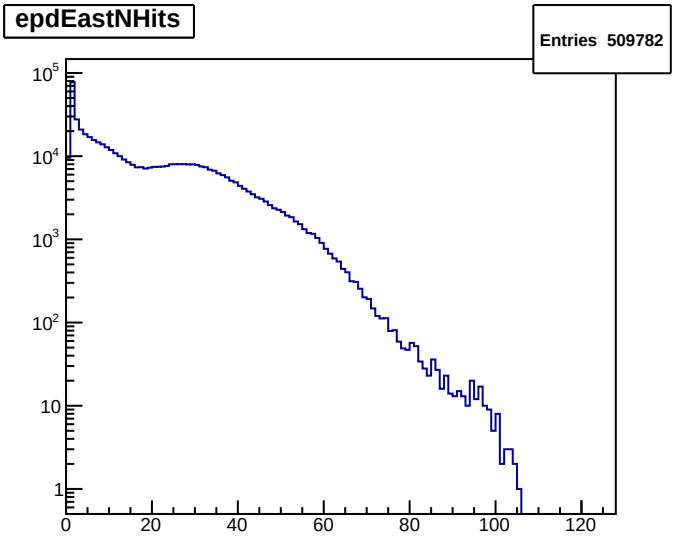
Entries 509782


epdEastTac47VsSimu
Entries 0
Data
Simu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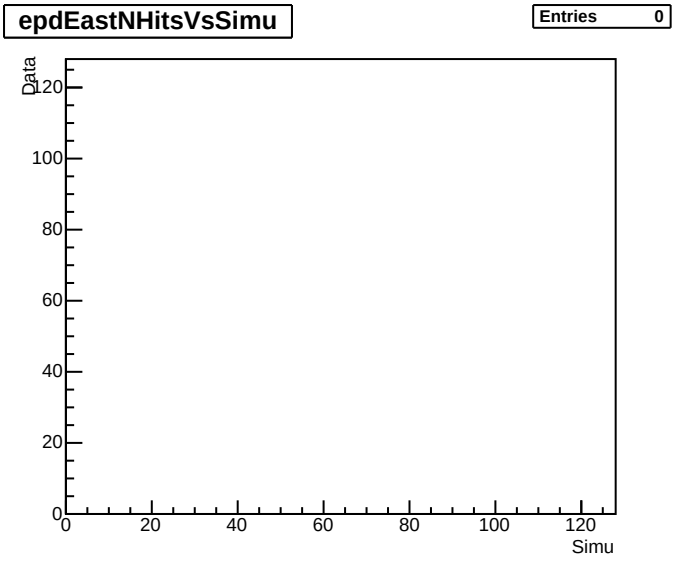
Entries 509782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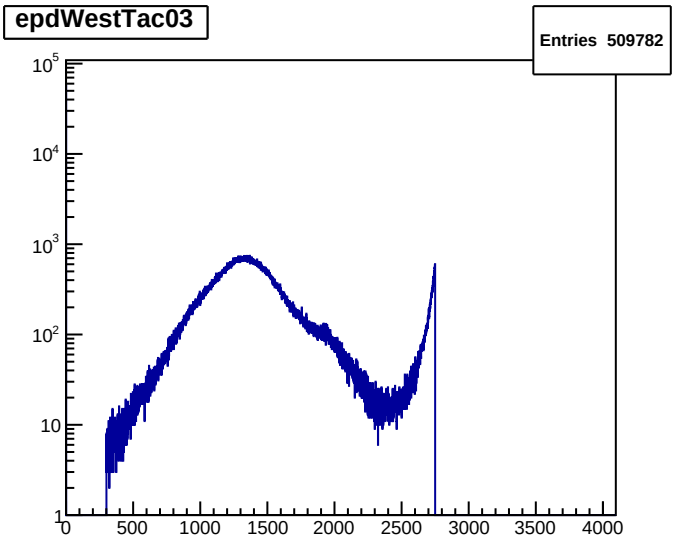
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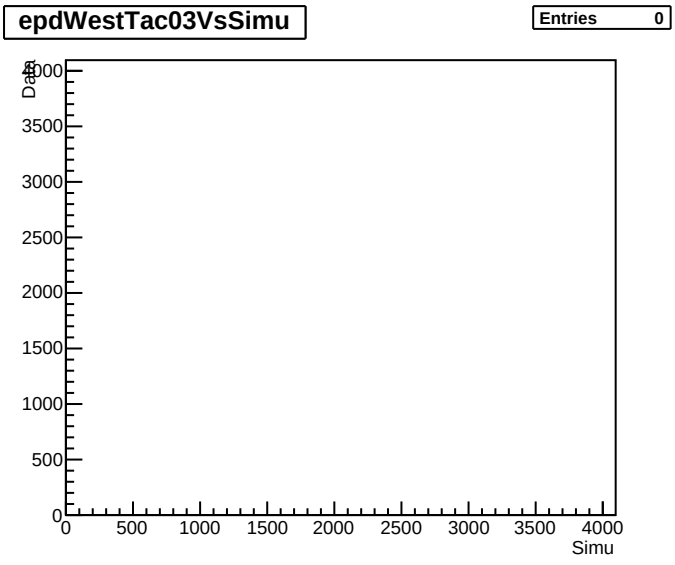
Entries 509782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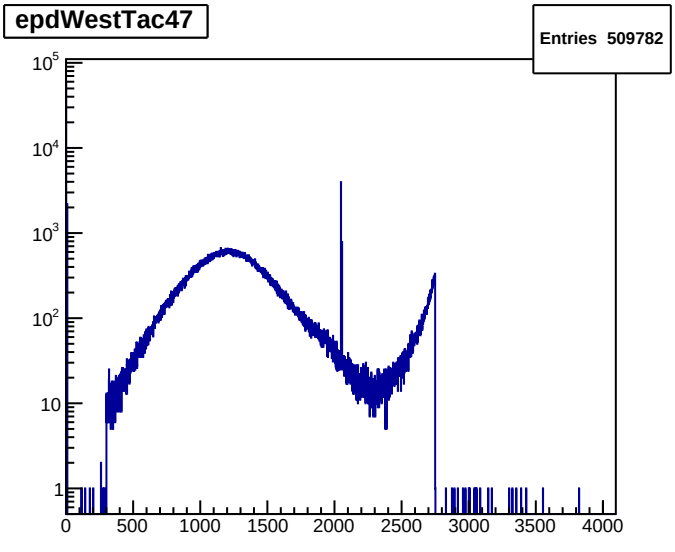
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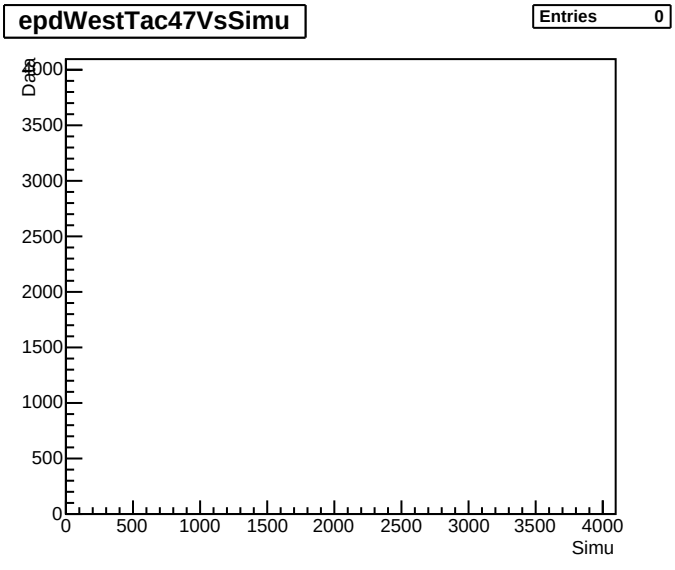
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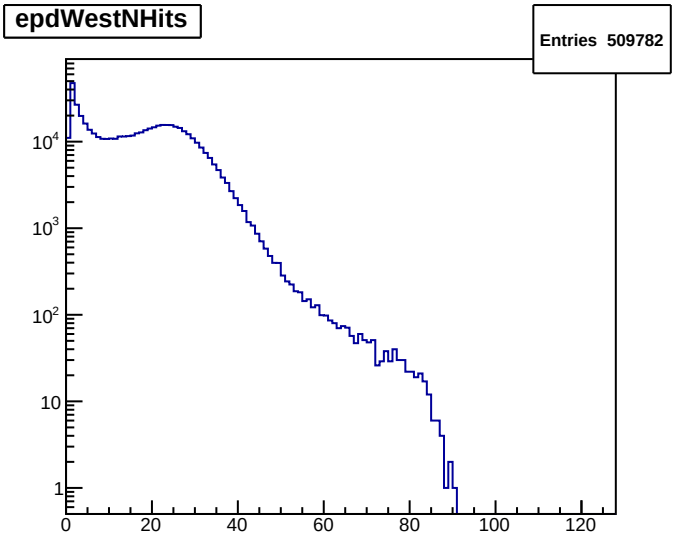
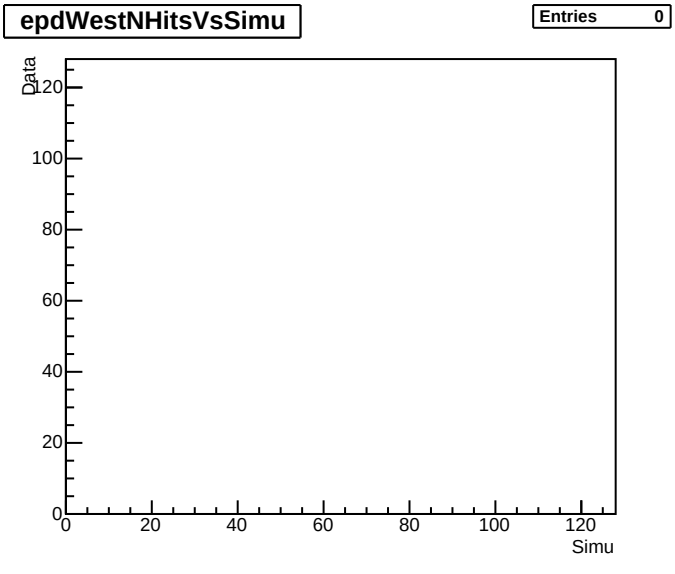
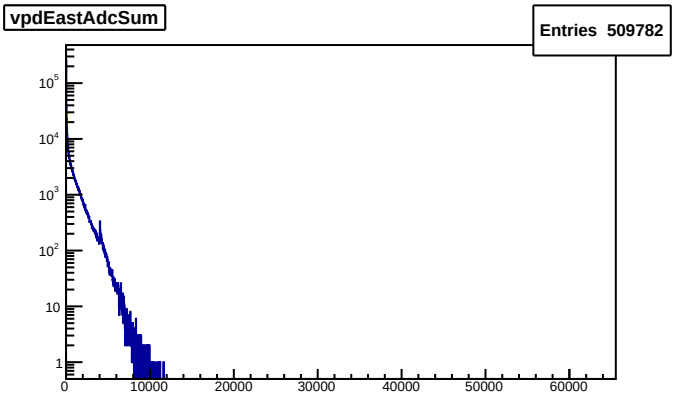
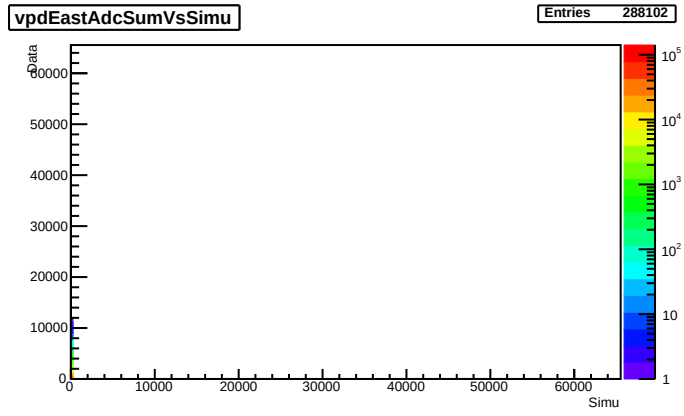
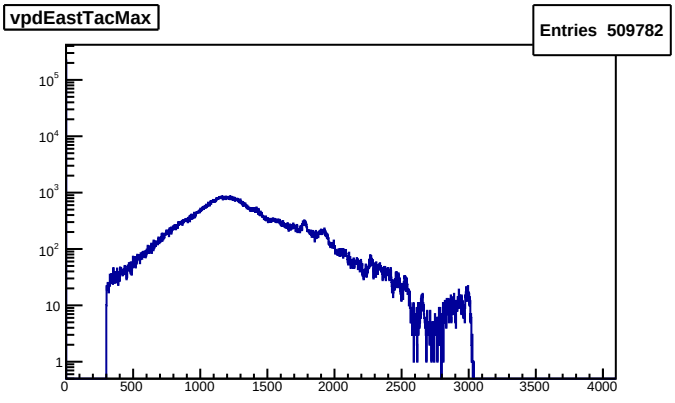
Entries 0
Data
Simu

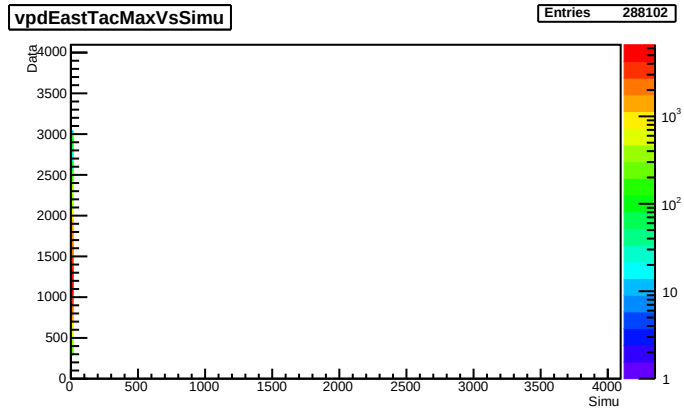

epdWestNHits
Entries 509782

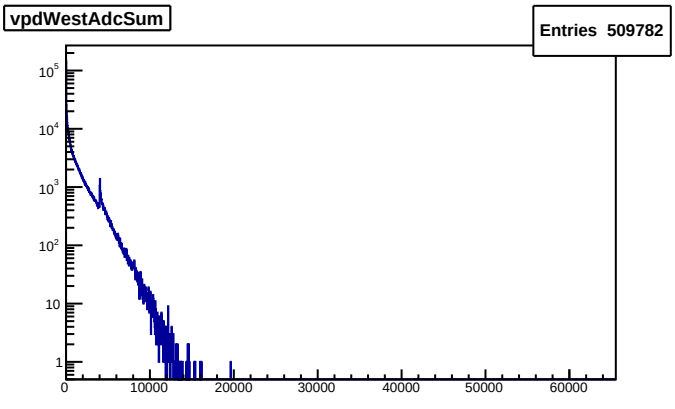

epdWestNHitsVsSimu
Entries 0
Data
Simu

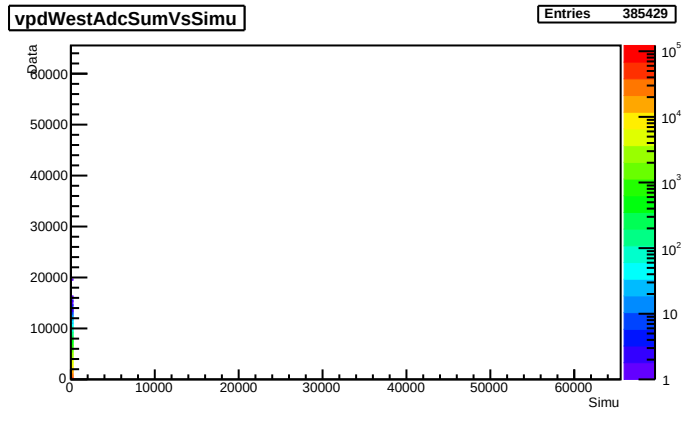

vpdEastAdcSum
Entries 509782

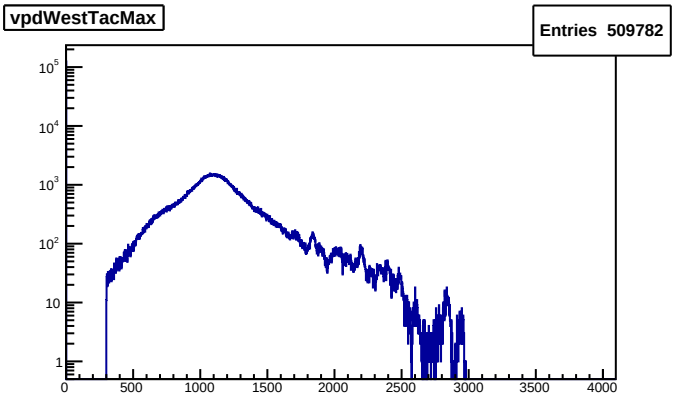

vpdEastAdcSumVsSimu
Entries 288102
Data
Simu

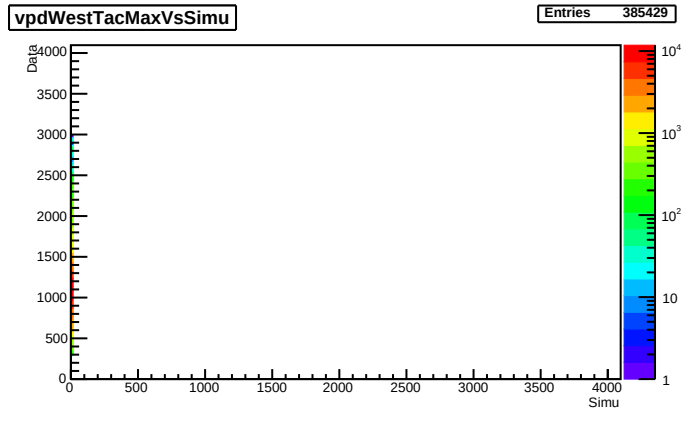

vpdEastTacMax
Entries 509782

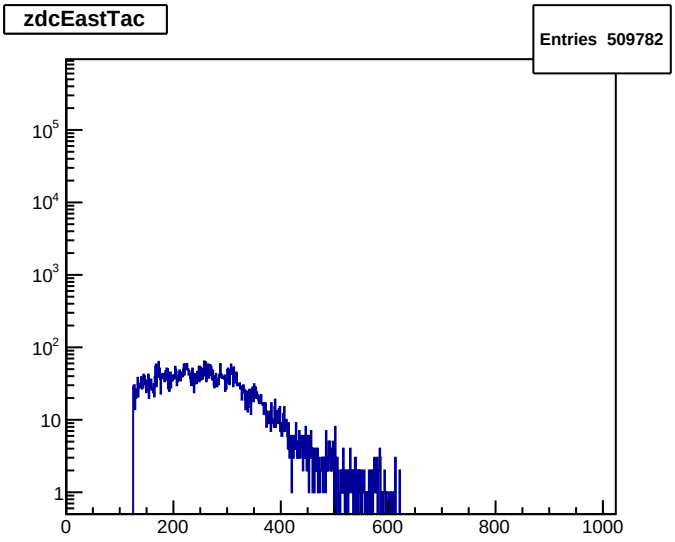

vpdEastTacMaxVsSimu
Entries 288102
Data
Simu

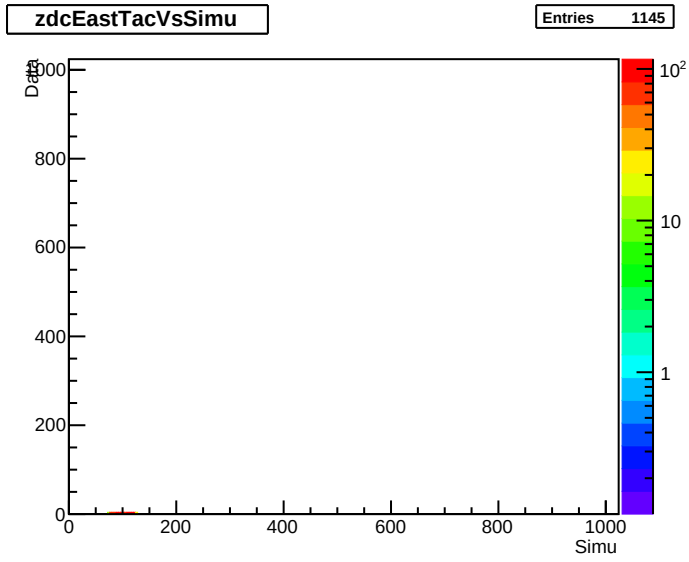

vpdWestAdcSum
Entries 509782

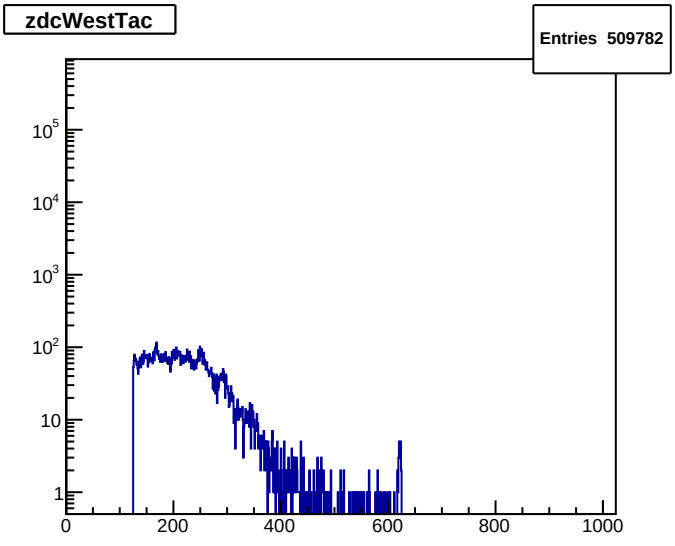

vpdWestAdcSumVsSimu
Entries 385429
Data
Simu

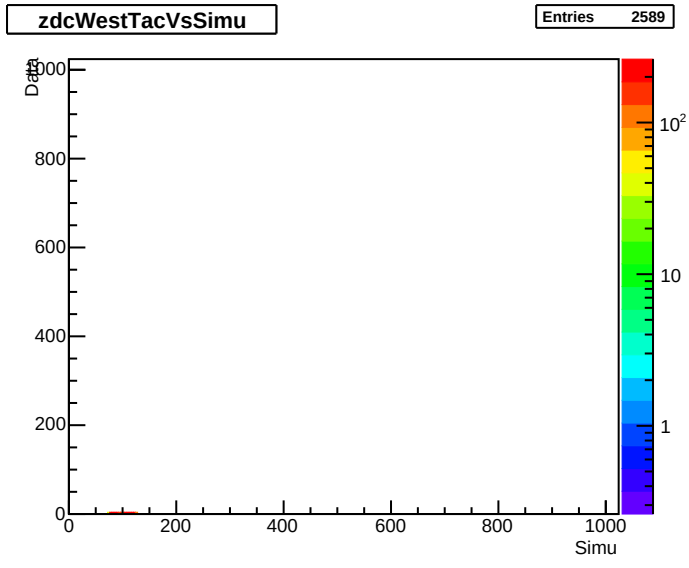

vpdWestTacMax
Entries 509782

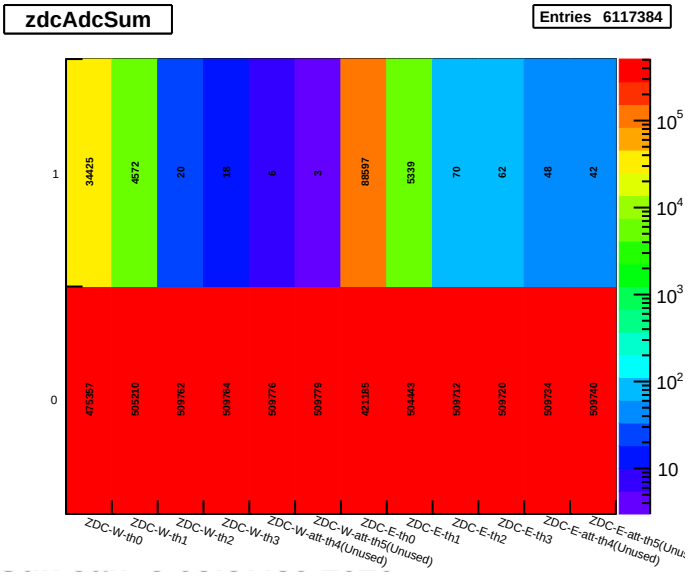

vpdWestTacMaxVsSimu
Entries 385429
Data
Simu


zdcEastTac
Entries 509782


zdcEastTacVsSimu
Entries 1145
Data
Simu


zdcWestTac
Entries 509782


zdcWestTacVsSimu
Entries 2589
Data
Simu


zdcAdcSum
Entries 6117384
34425
4572
20
18
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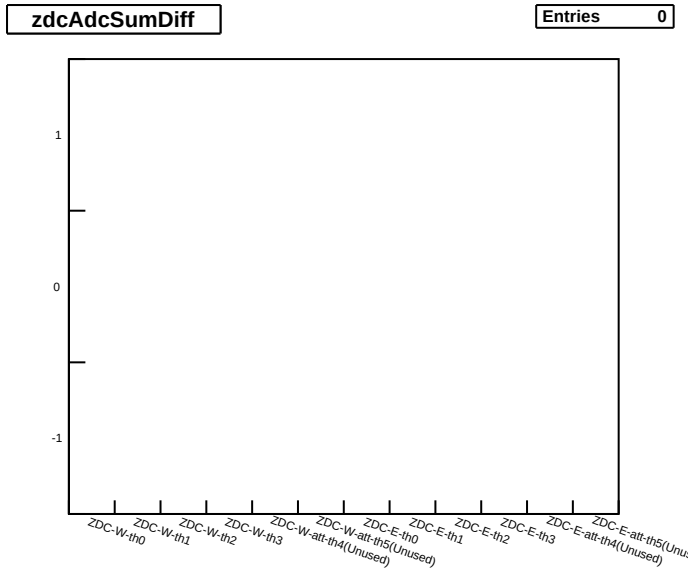
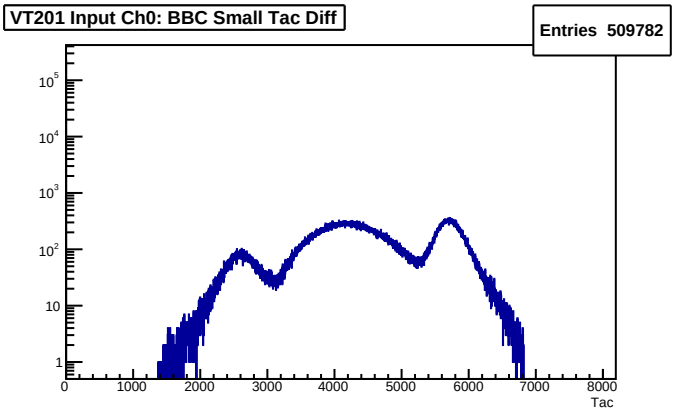
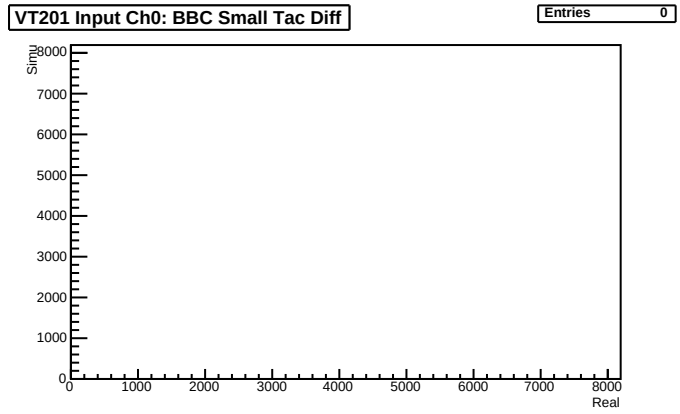
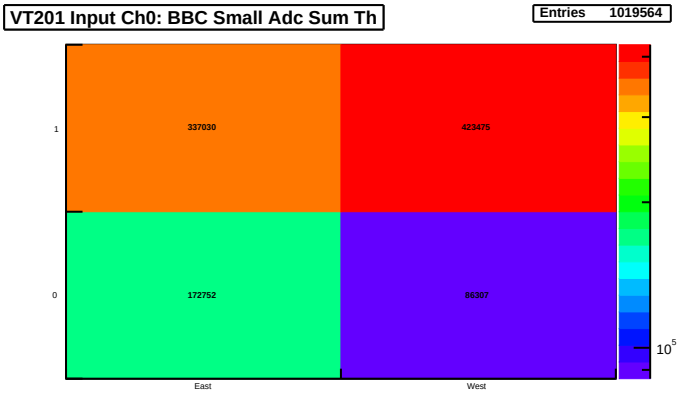
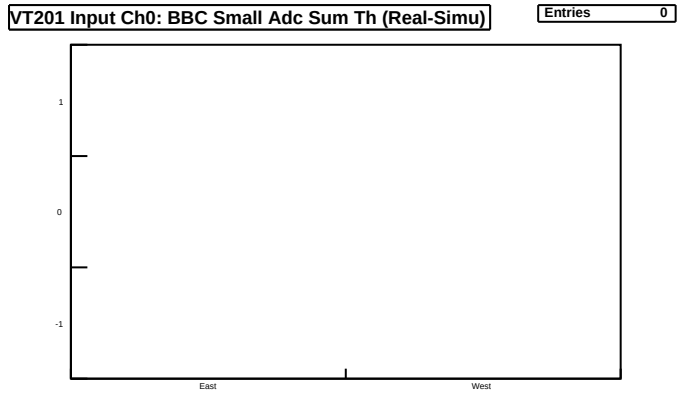
3
88597
5339
70
62
48
42
475357
505210
509762
509764
509776
509779
421185
504443
509712
509720
509734
509740
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

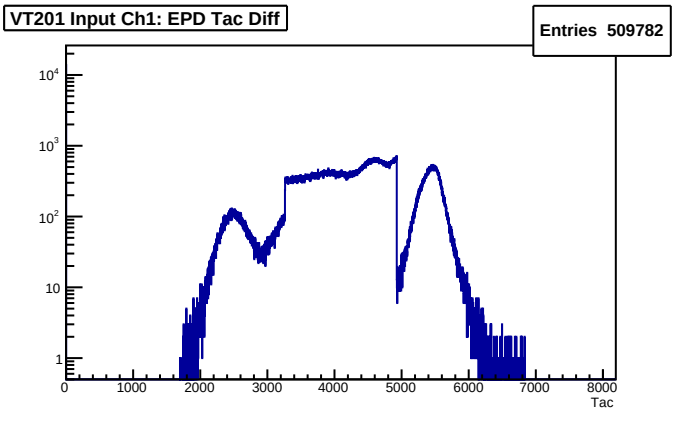

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

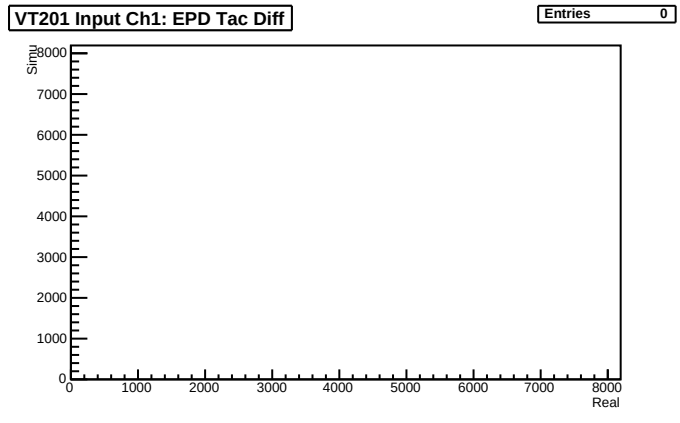

VT201 Input Ch0: BBC Small Tac Diff
Entries 509782
Tac

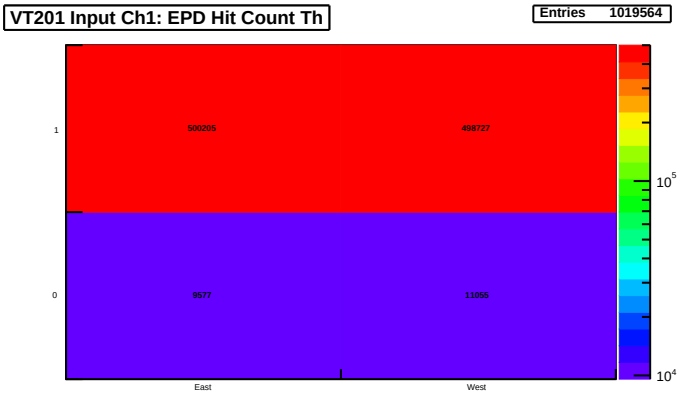

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

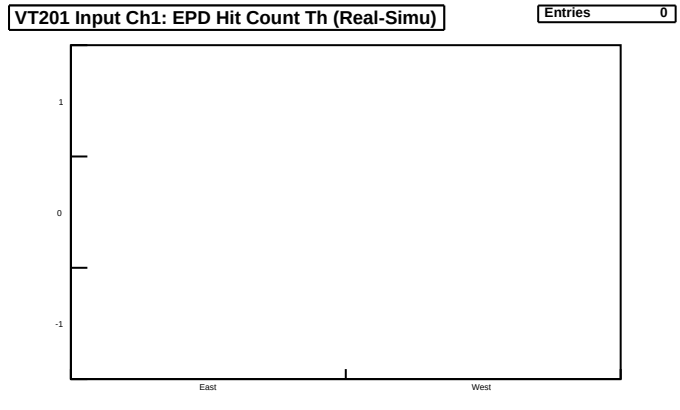

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1019564
337030
423475
172752
86307
East
West

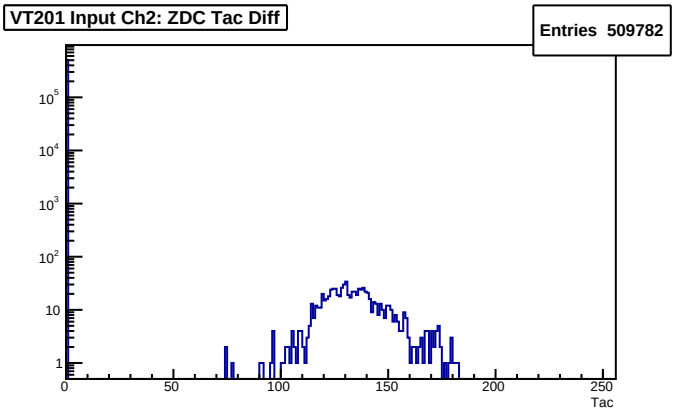

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

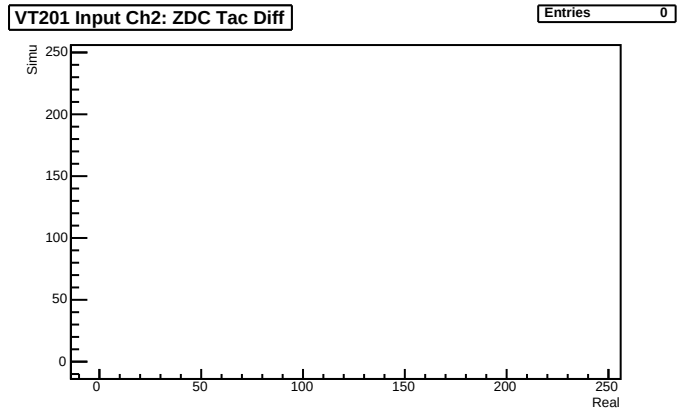

VT201 Input Ch1: EPD Tac Diff
Entries 509782
Tac

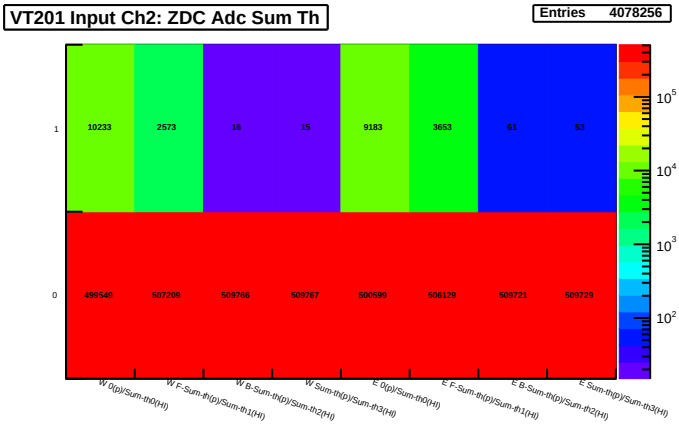

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

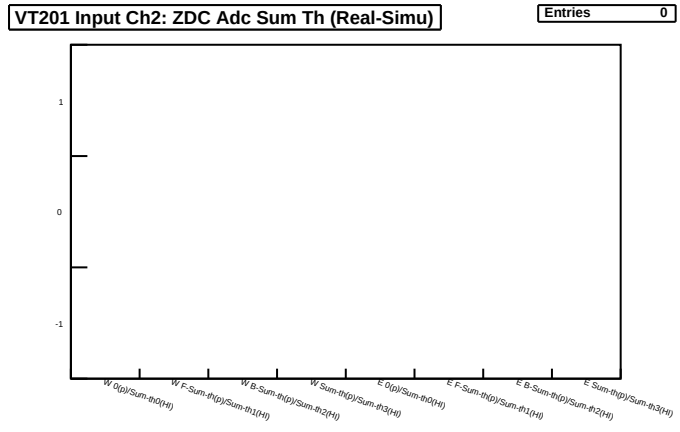

VT201 Input Ch1: EPD Hit Count Th
Entries 1019564
500205
498727
9577
11055
East
West

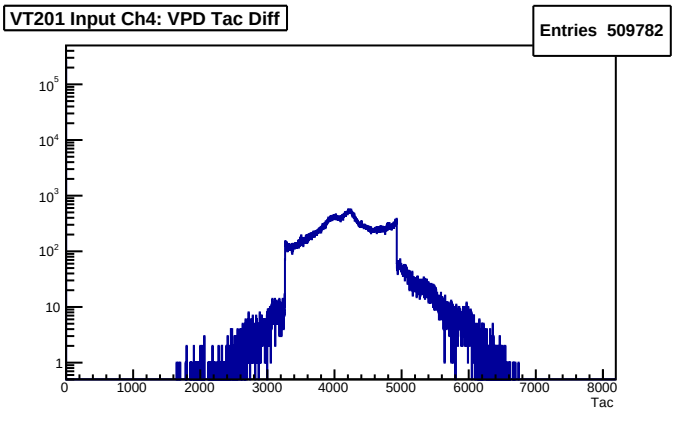

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

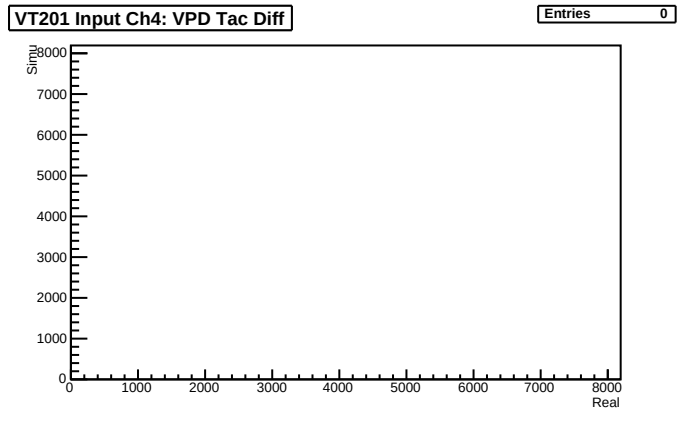

VT201 Input Ch2: ZDC Tac Diff
Entries 509782
Tac

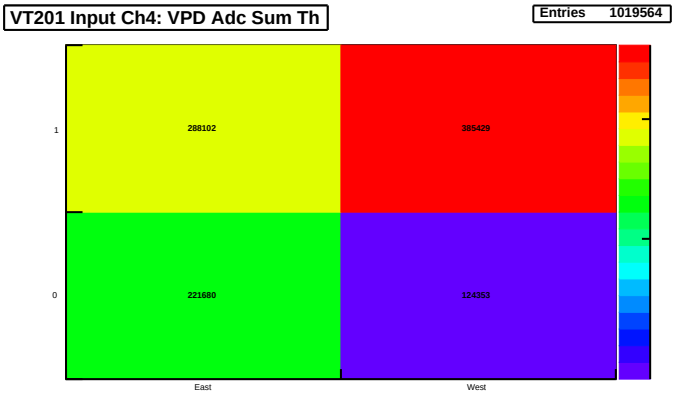

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

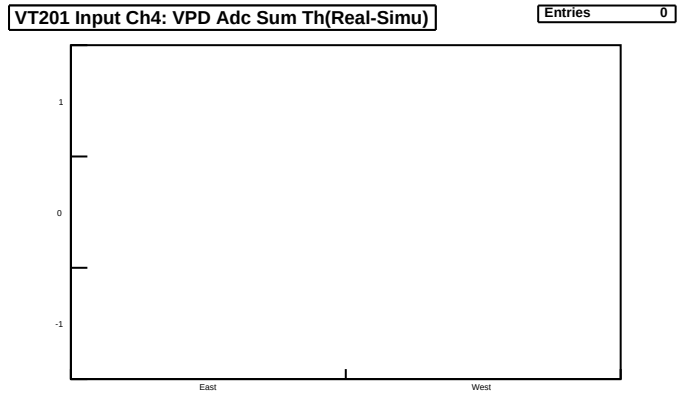

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4078256
10233
2573
16
15
9183
3653
61
53
499549
507209
509766
509767
500599
506129
509721
509729
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

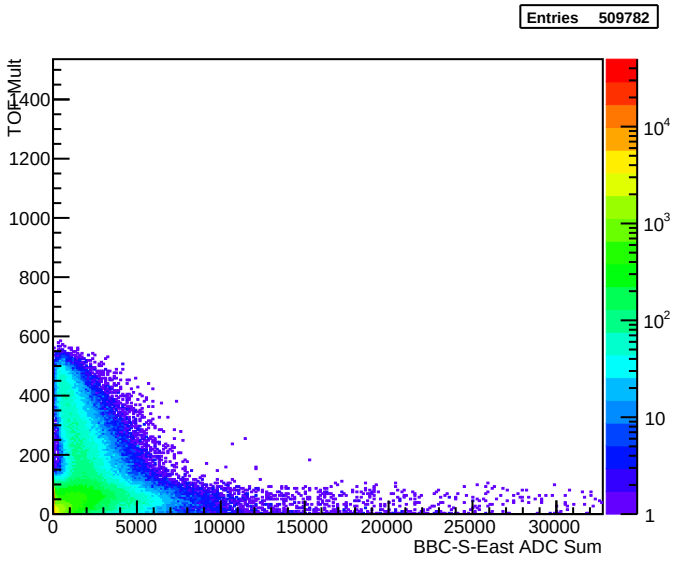

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

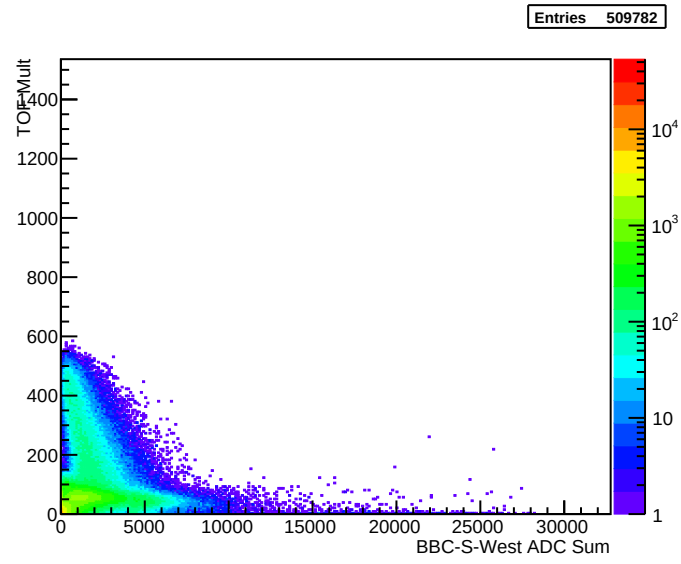

VT201 Input Ch4: VPD Tac Diff
Entries 509782
Tac

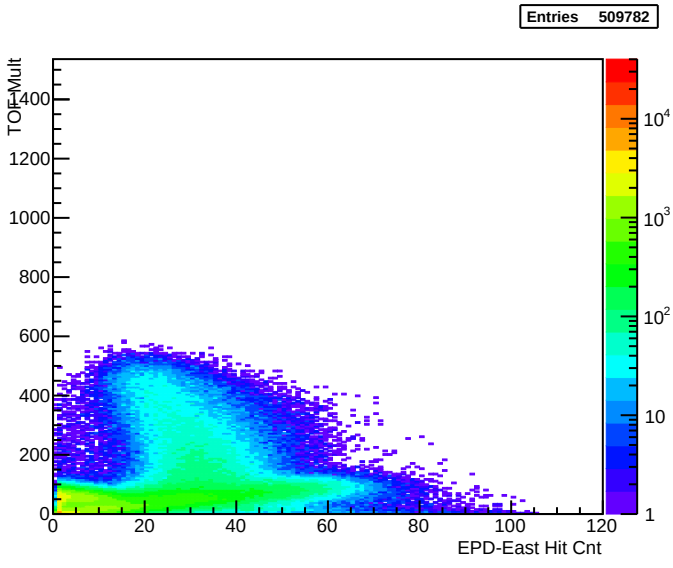

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

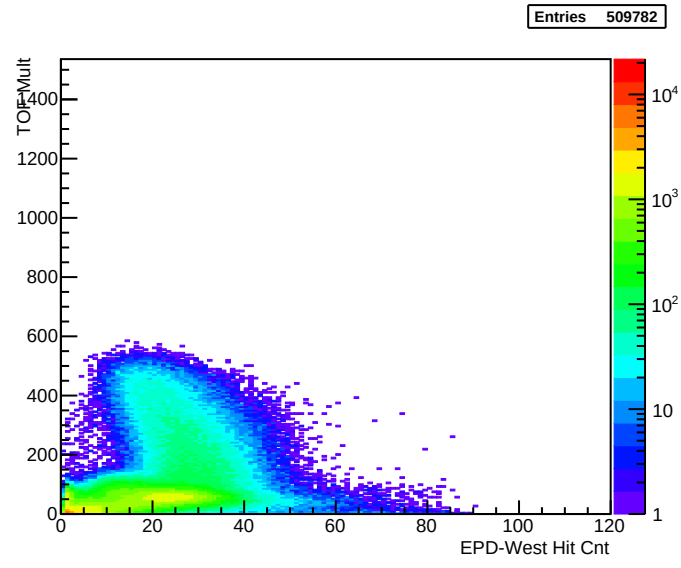

VT201 Input Ch4: VPD Adc Sum Th
Entries 1019564
288102
385429
221680
124353
East
West

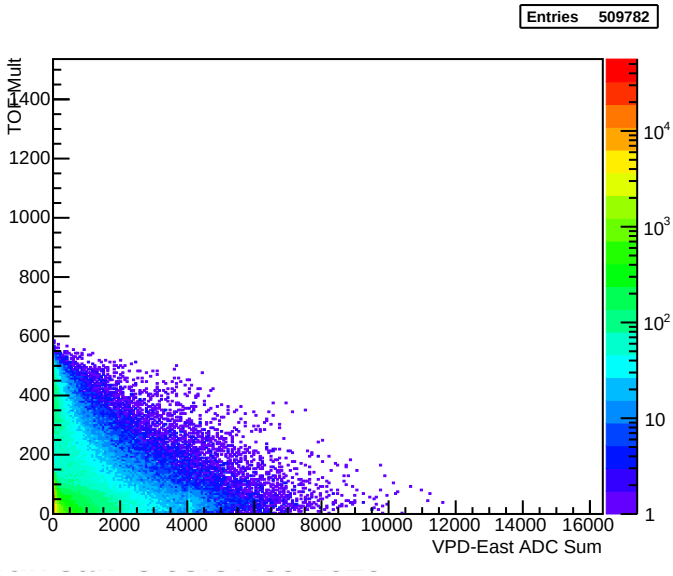

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

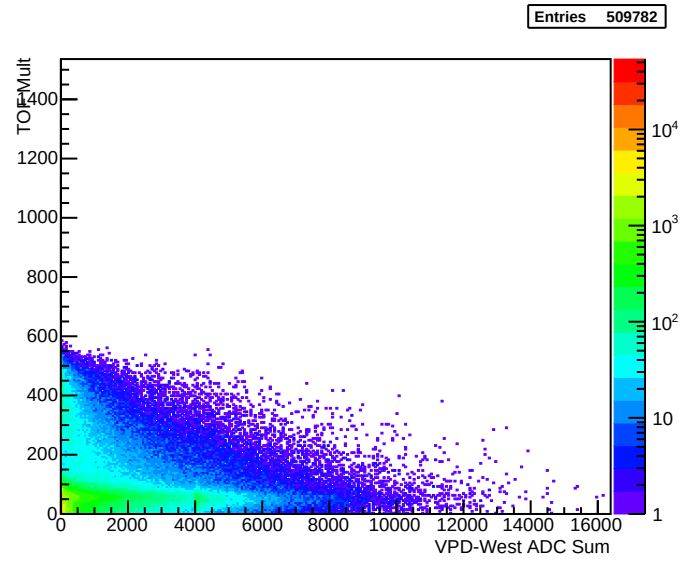

Entries 509782
TOF-Mult
BBC-S-East ADC Sum

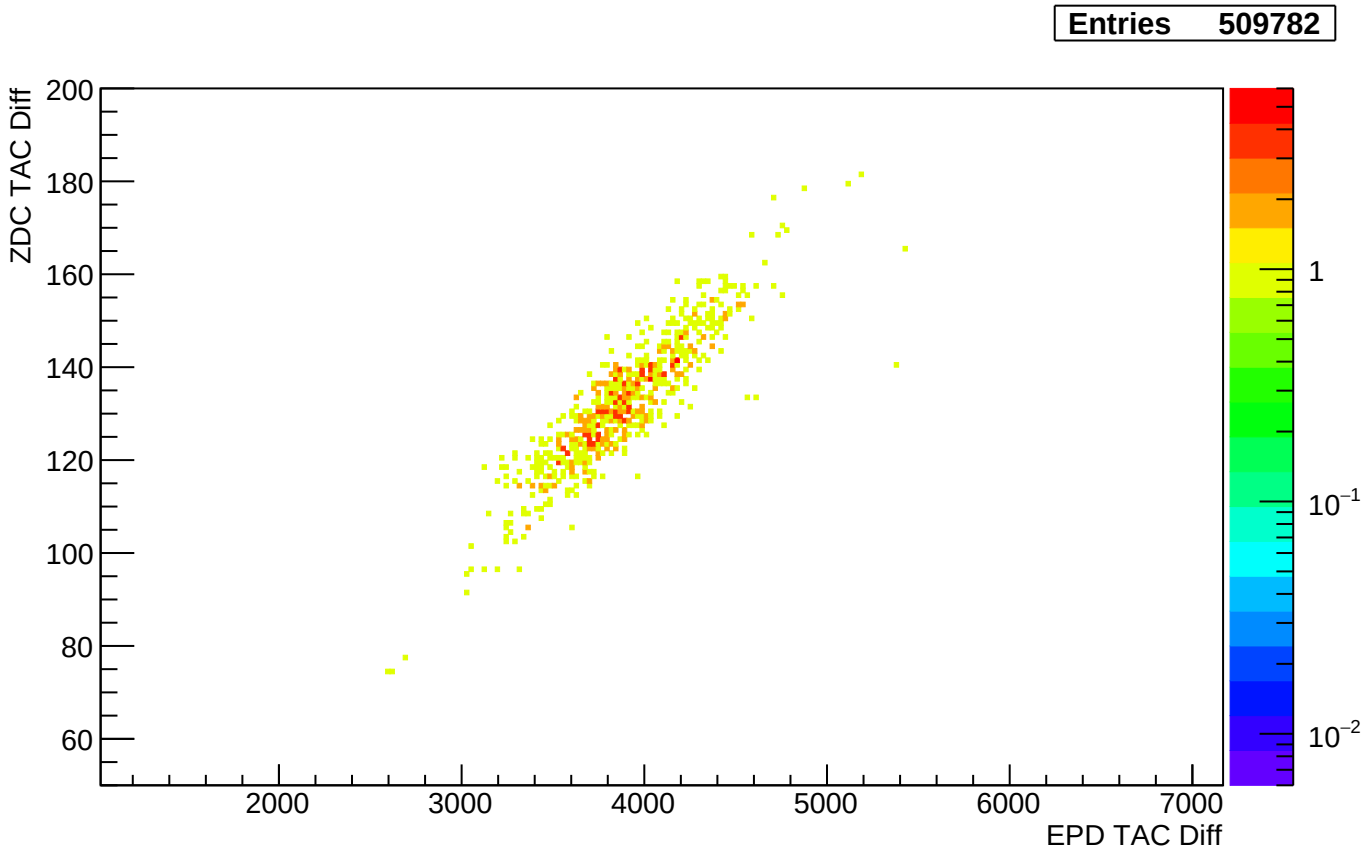

Entries 509782
TOF-Mult
BBC-S-West ADC Sum

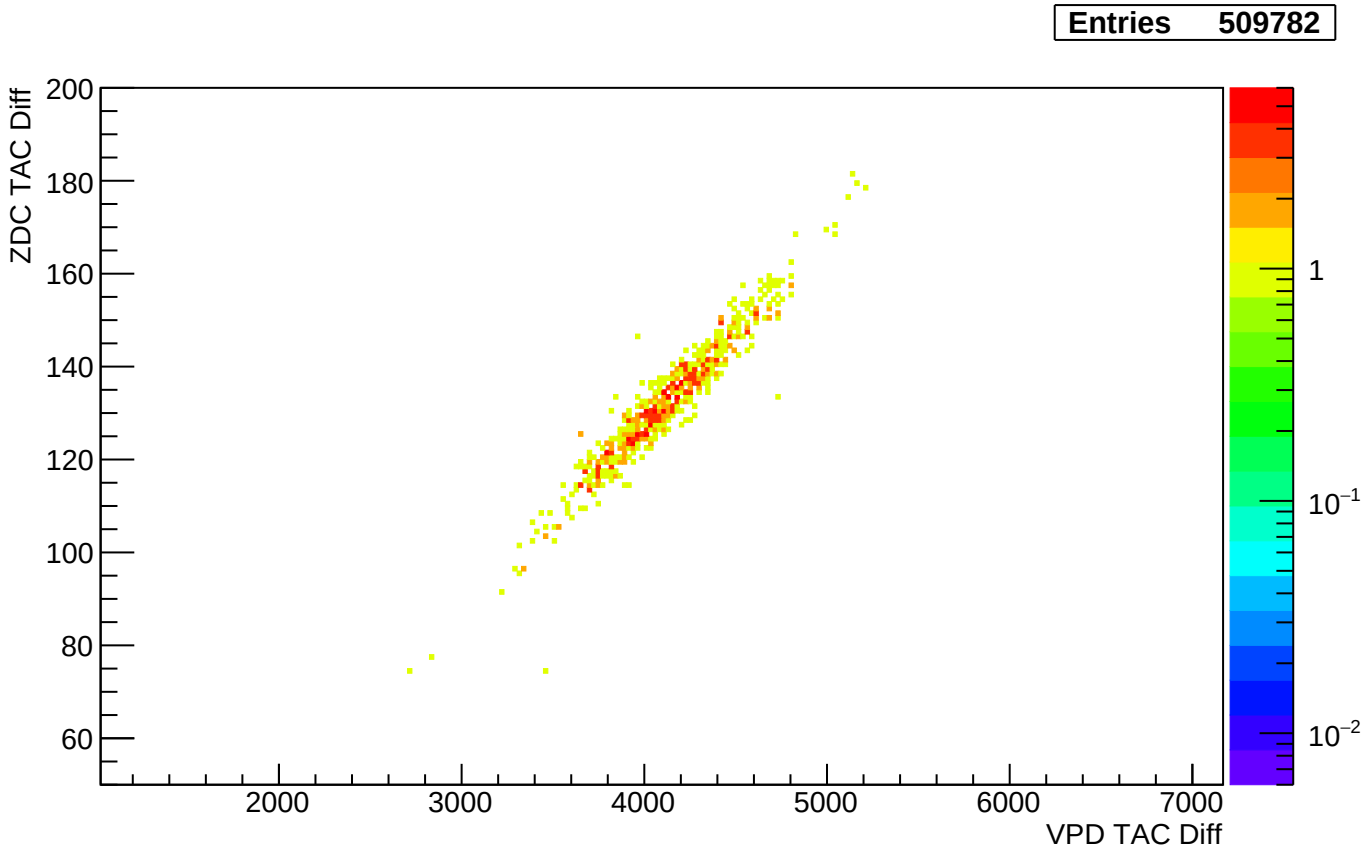

Entries 509782
TOF-Mult
EPD-East Hit Cnt

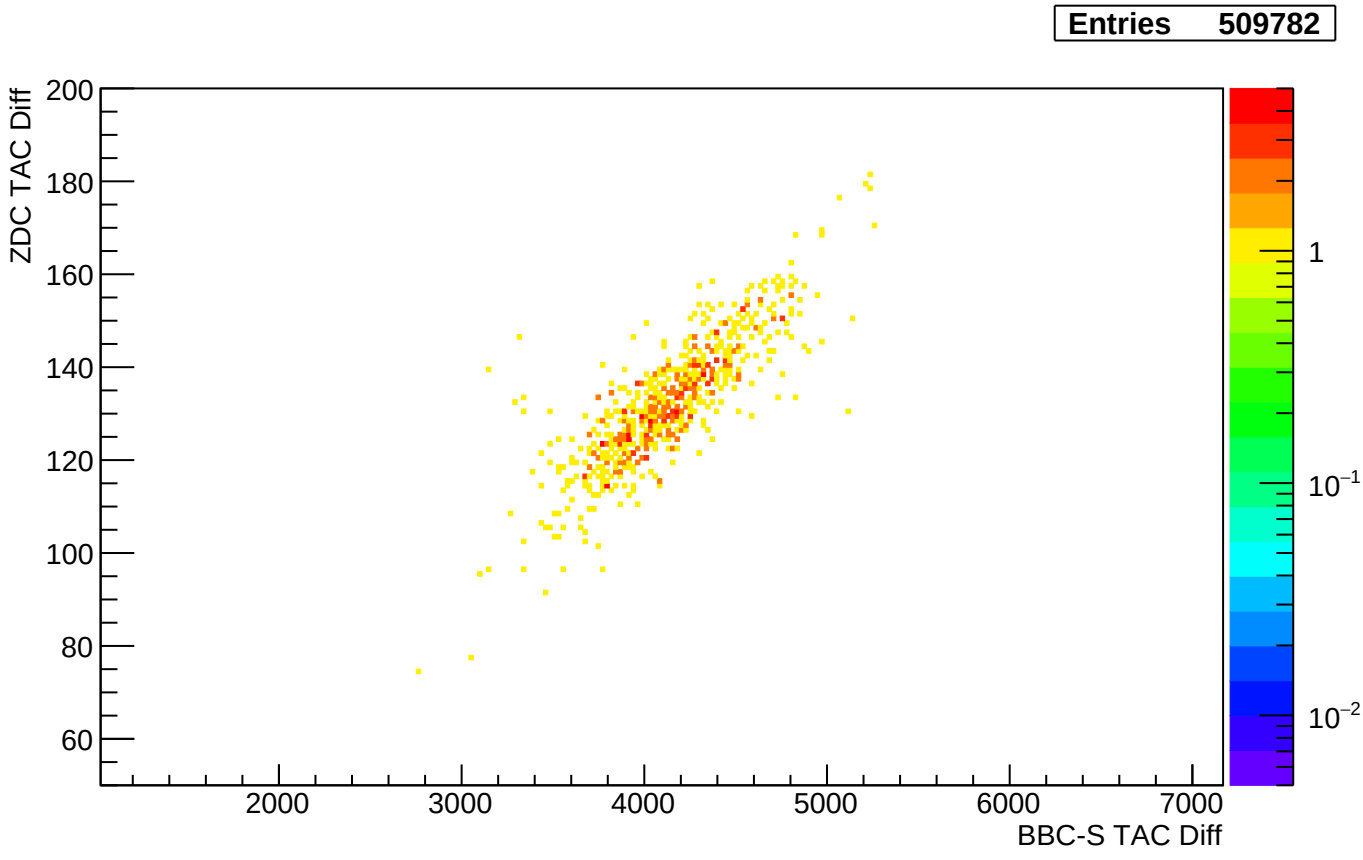

Entries 509782
TOF-Mult
EPD-West Hit Cnt

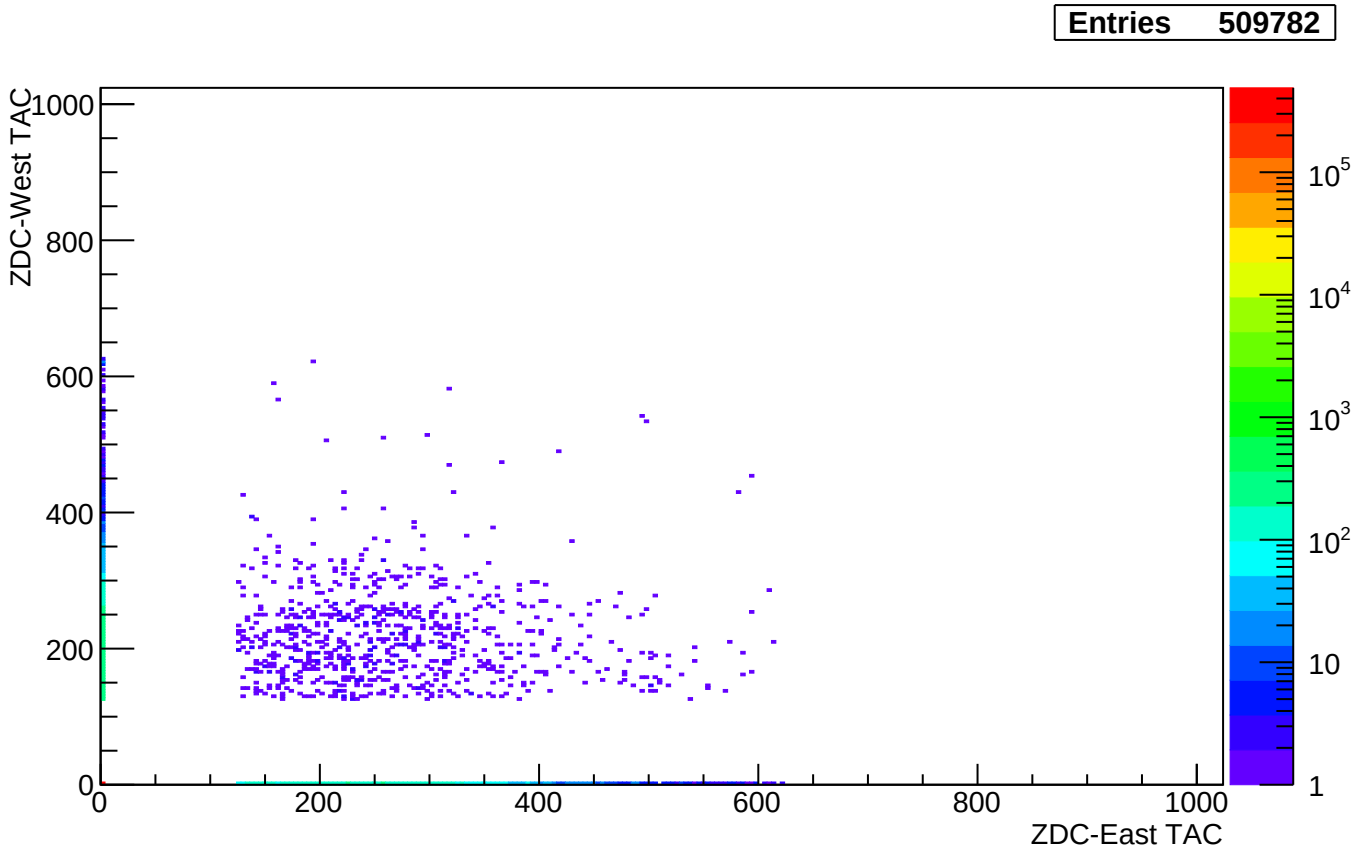

Entries 509782
TOF-Mult
VPD-East ADC Sum

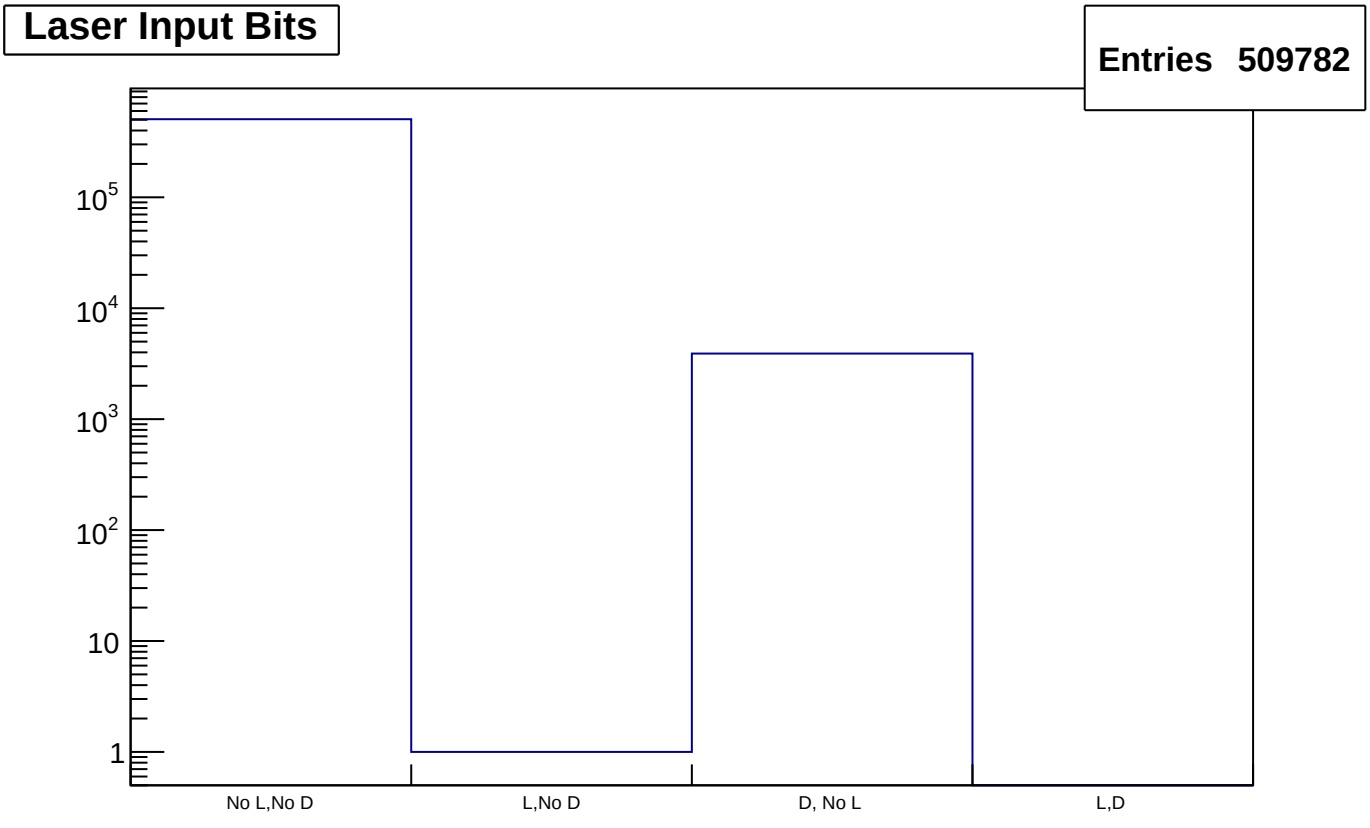

Entries 509782
TOF-Mult
VPD-West ADC Sum

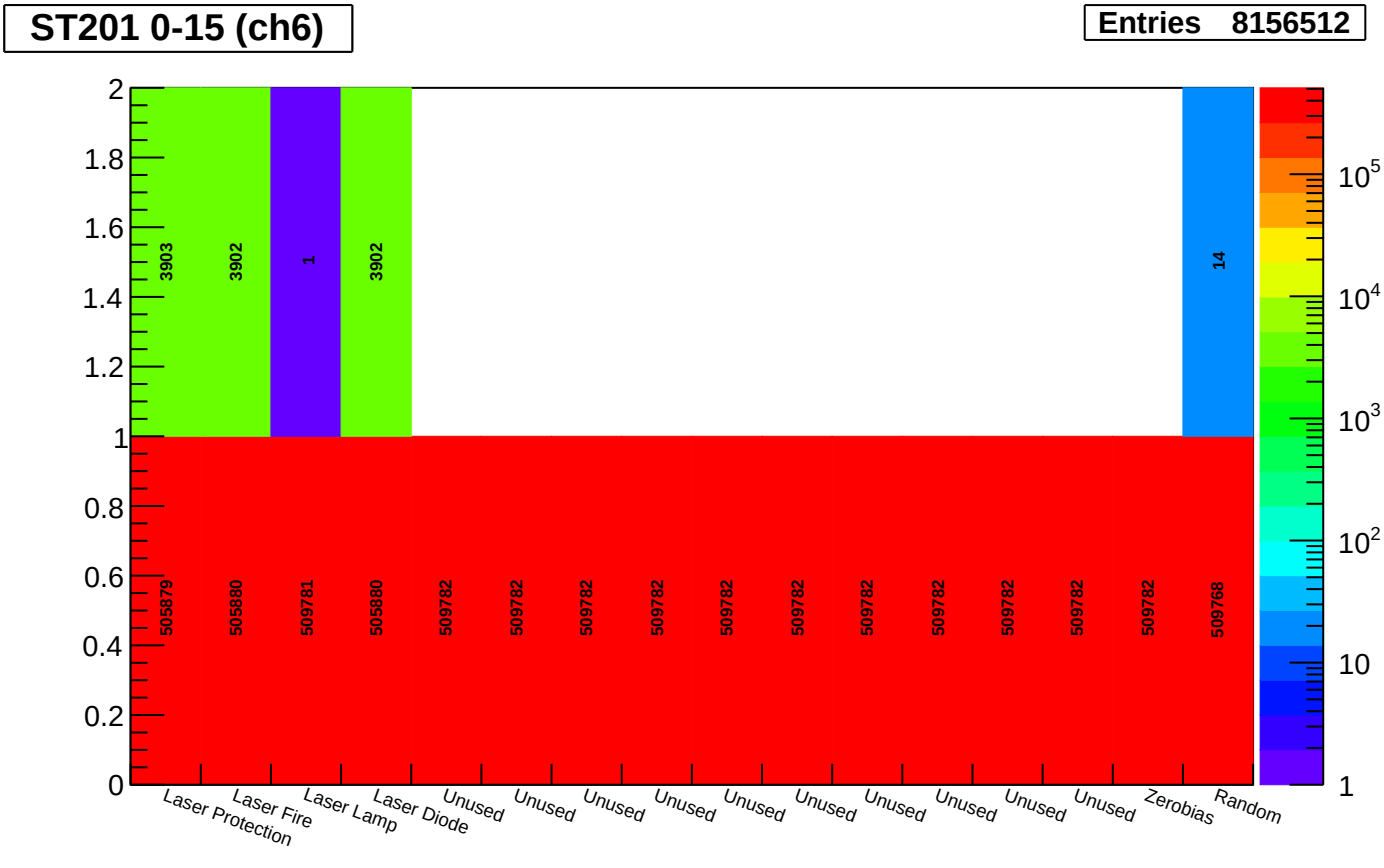

Entries 509782
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

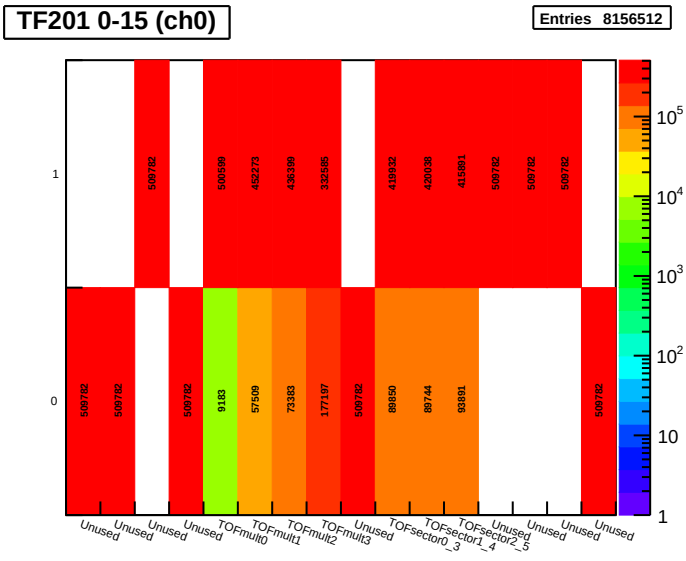

Entries 509782
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

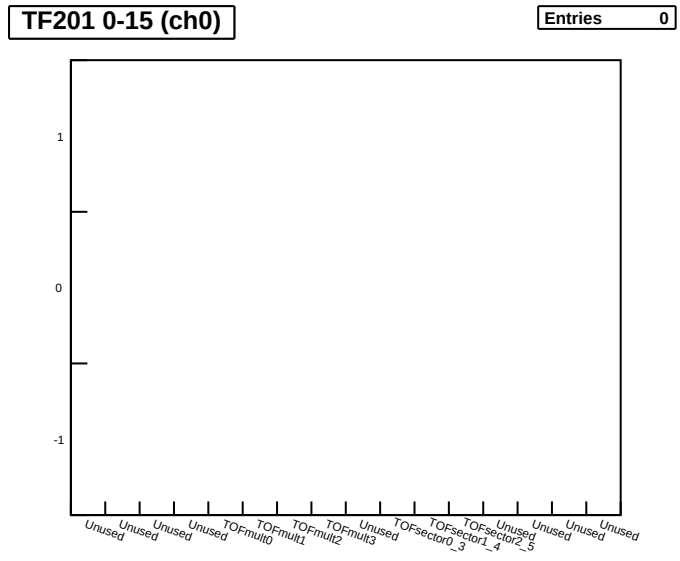

Entries 509782
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

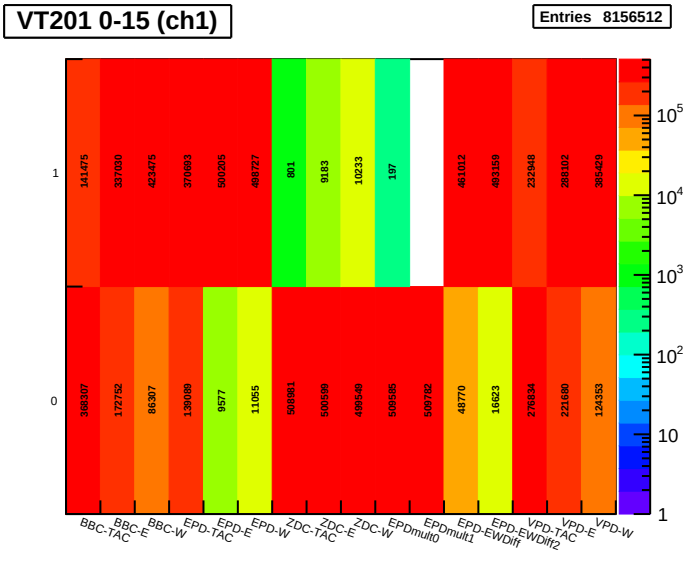

Entries 509782
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

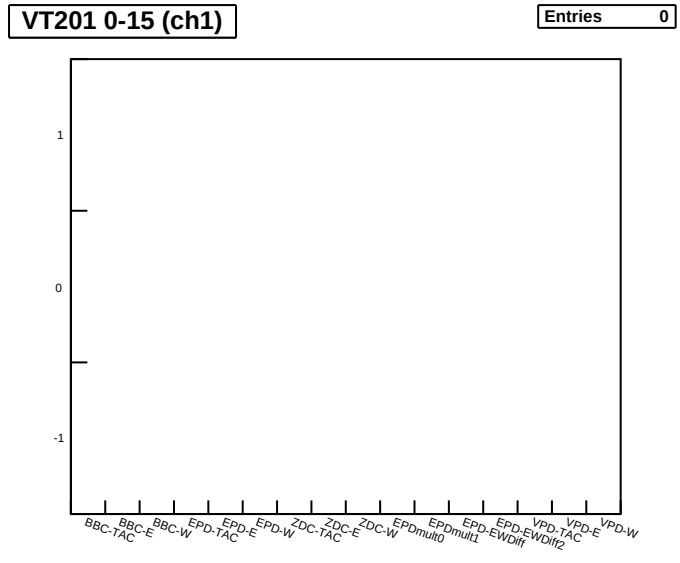

Laser Input Bits
Entries 509782
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

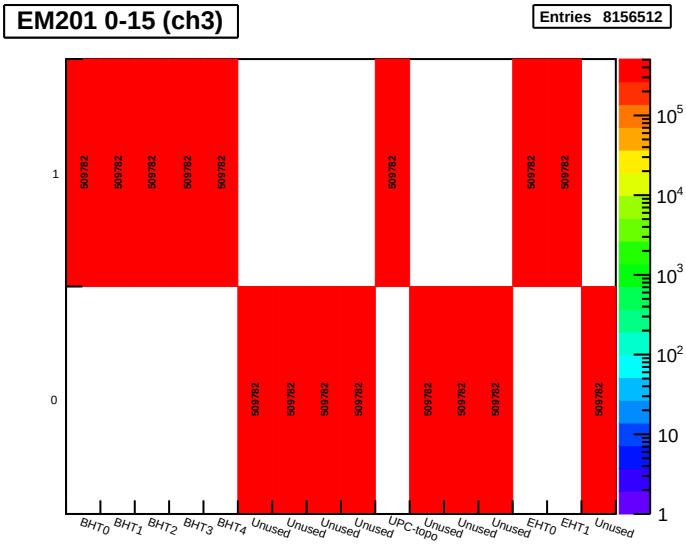

ST201 0-15 (ch6)
Entries 8156512
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3903
3902
1
3902
14
505879
505880
509781
505880
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
509768
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

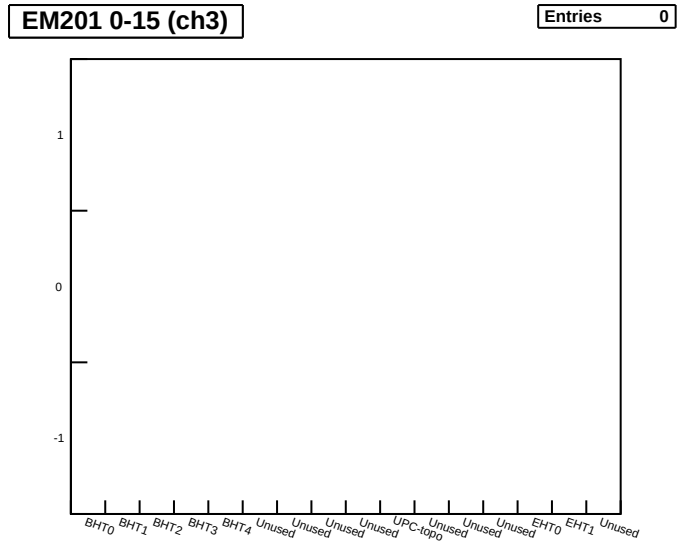

TF201 0-15 (ch0)
Entries 8156512
1
0
509782
500599
452273
436399
332585
419932
420038
415891
509782
509782
509782
509782
509782
9183
57509
73383
177197
509782
89850
89744
93891
509782
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 8156512
1
0
141475
337030
423475
370693
500205
498727
801
9183
10233
197
461012
493159
232948
288102
385429
368307
172752
86307
138089
9577
11055
508981
500599
499549
509585
509782
48770
16623
276834
221680
124353
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 8156512
1
0
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
509782
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