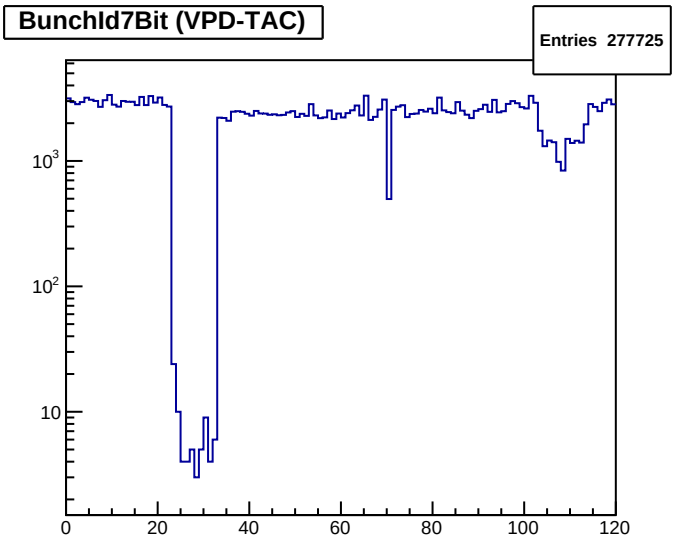
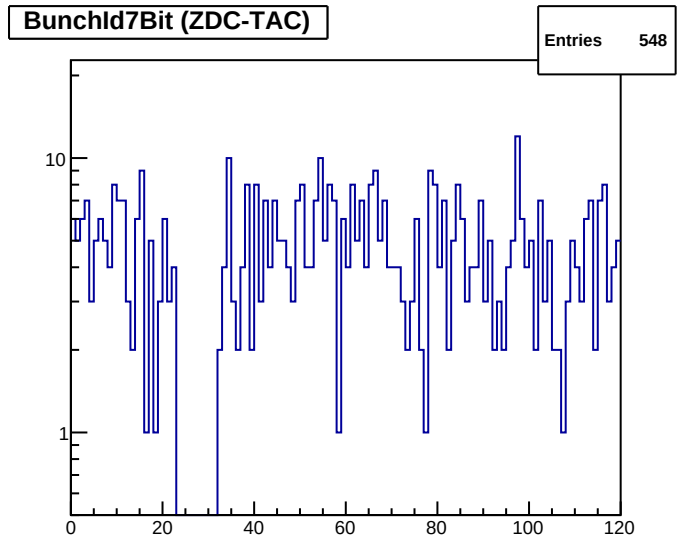
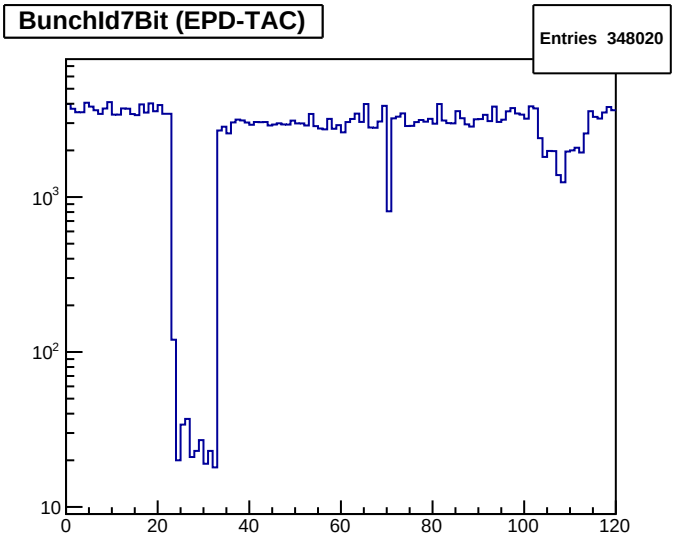
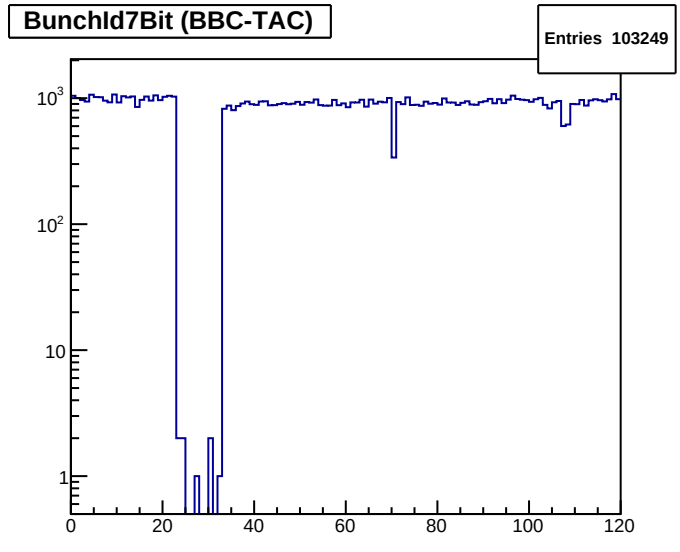
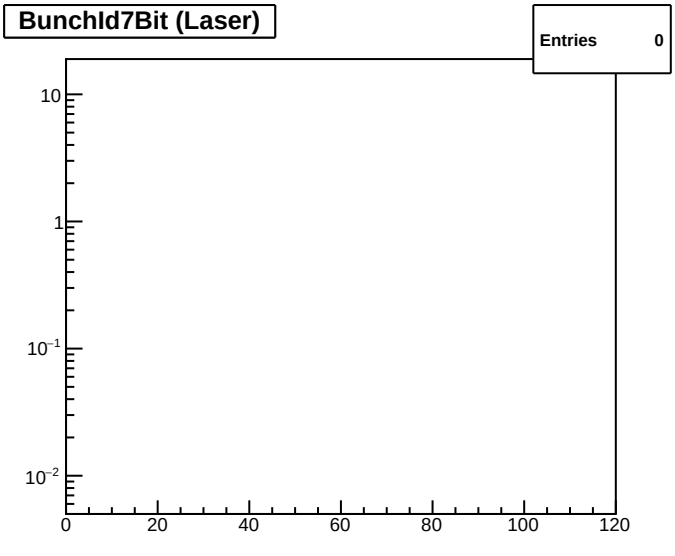
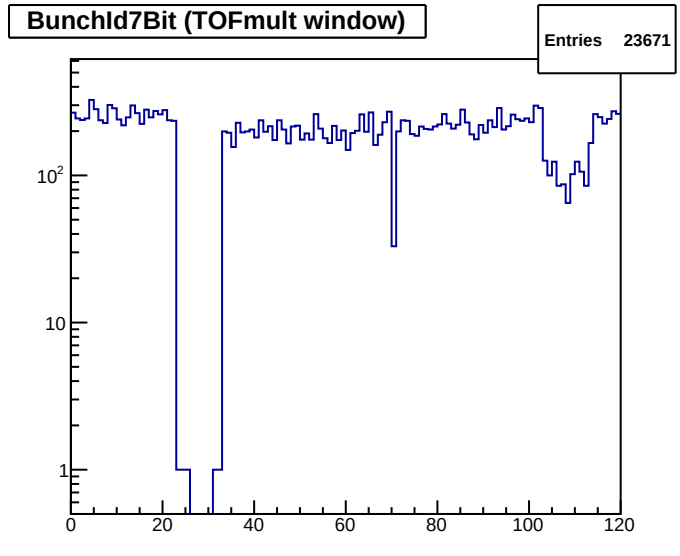

BunchId7Bit (VPD-TAC)
Entries 277725

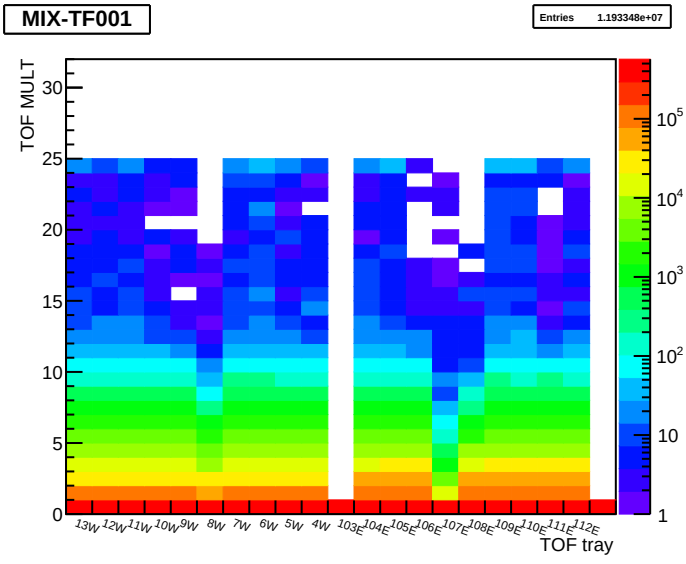

BunchId7Bit (ZDC-TAC)
Entries 548

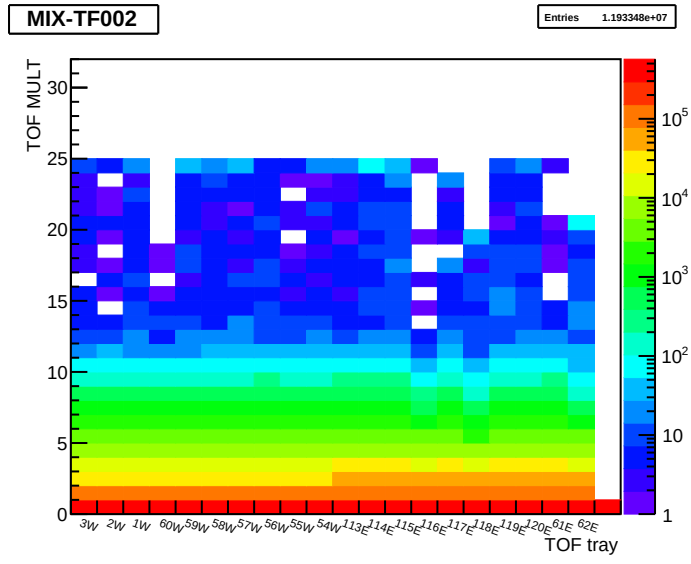

BunchId7Bit (EPD-TAC)
Entries 348020

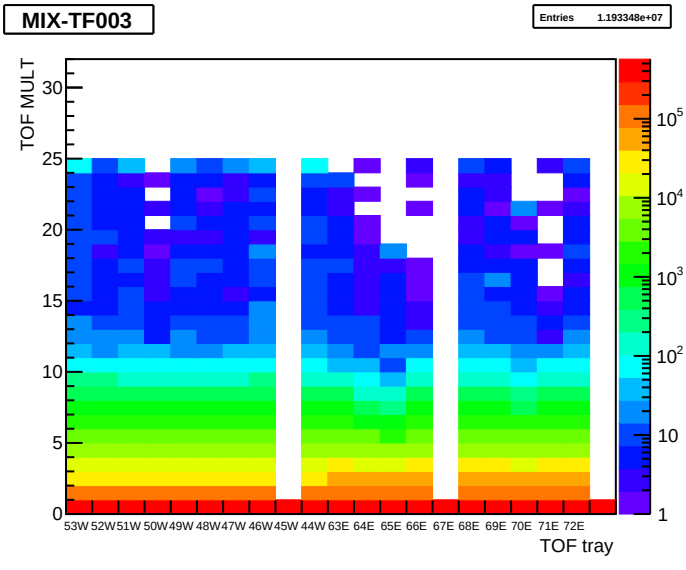

BunchId7Bit (BBC-TAC)
Entries 103249

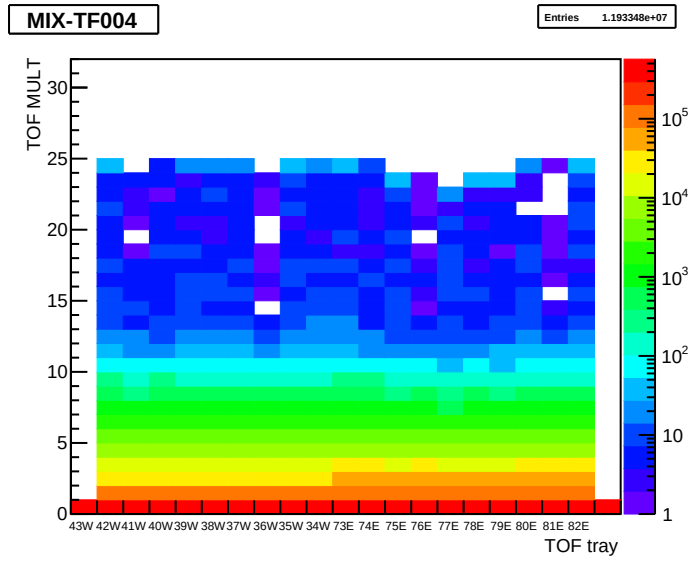

BunchId7Bit (Laser)
Entries 0

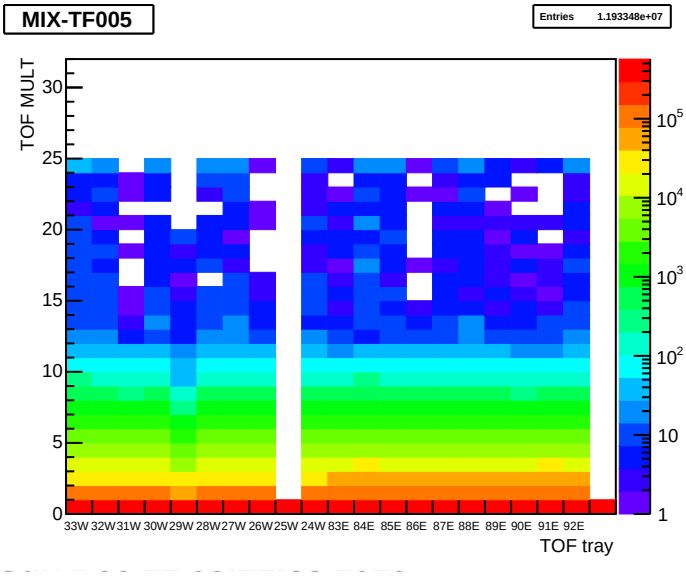

BunchId7Bit (TOFmult window)
Entries 23671

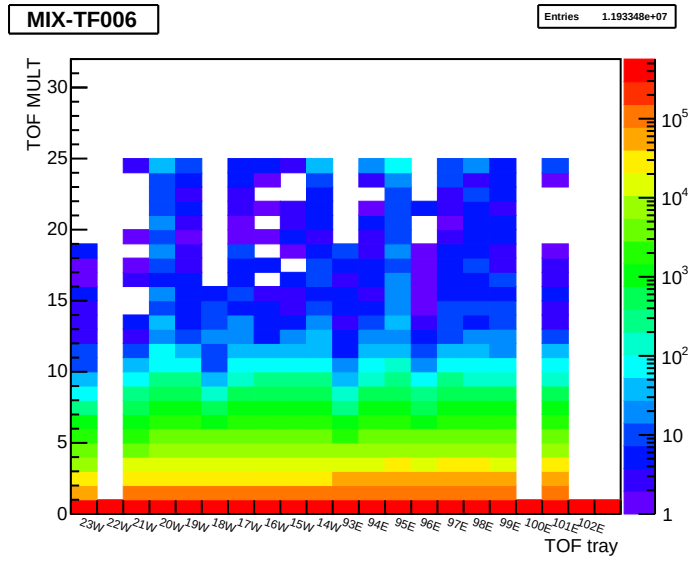

MIX-TF001
Entries 1.193348e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

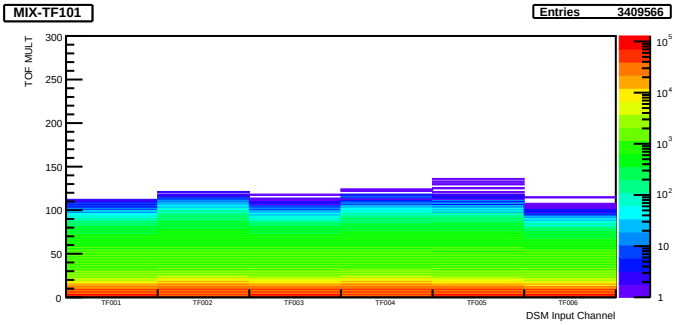

MIX-TF002
Entries 1.193348e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

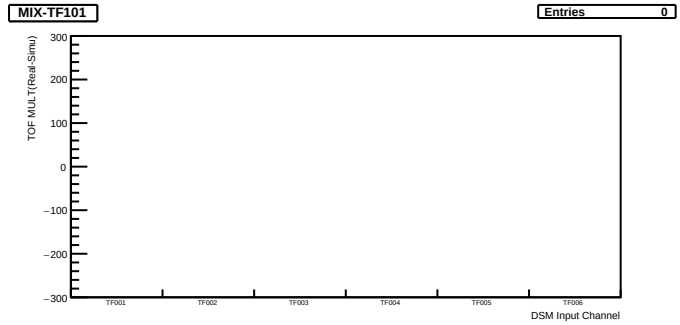

MIX-TF003
Entries 1.193348e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

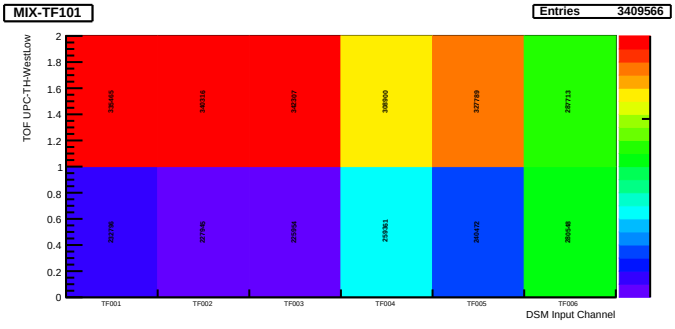

MIX-TF004
Entries 1.193348e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

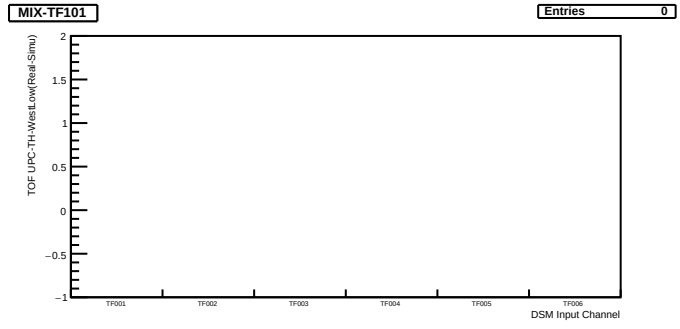

MIX-TF005
Entries 1.193348e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

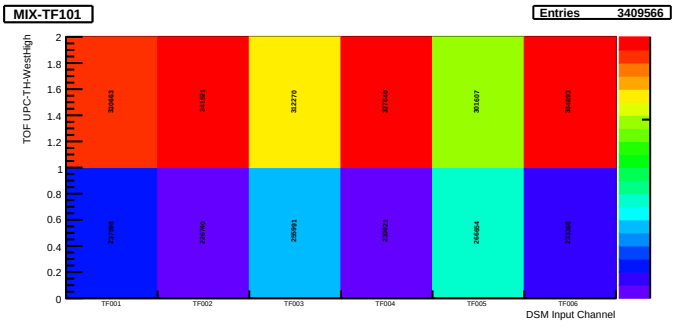

MIX-TF006
Entries 1.193348e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

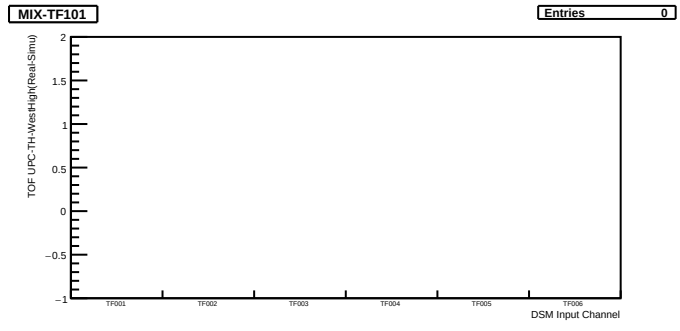

MIX-TF101
Entries 3409566
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

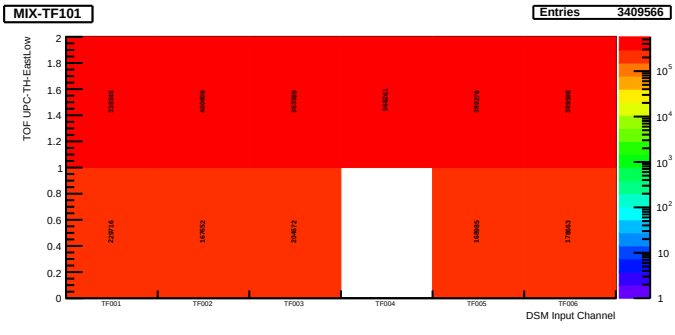

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

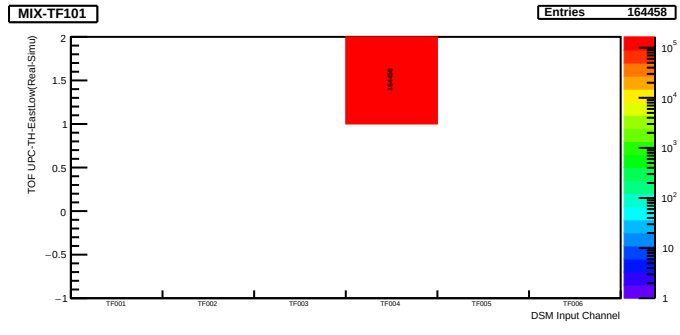

MIX-TF101
Entries 3409566
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

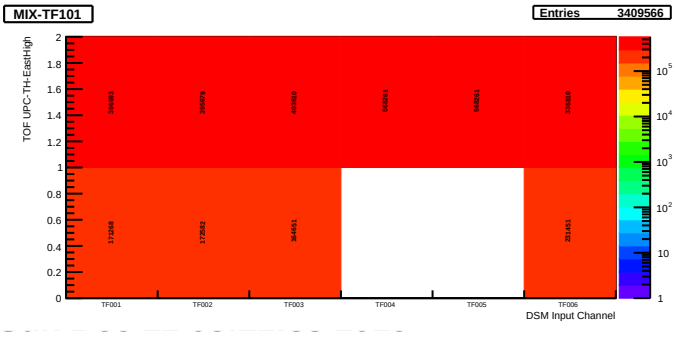

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

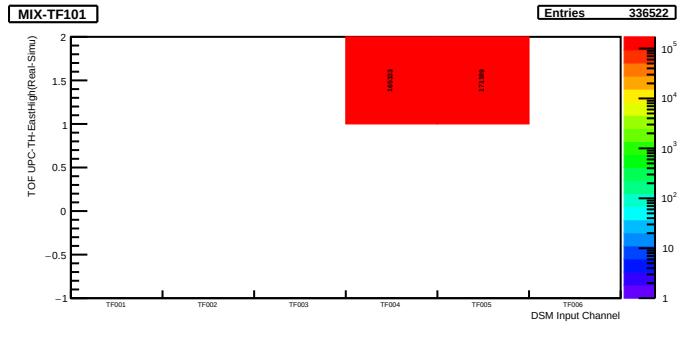

MIX-TF101
Entries 3409566
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

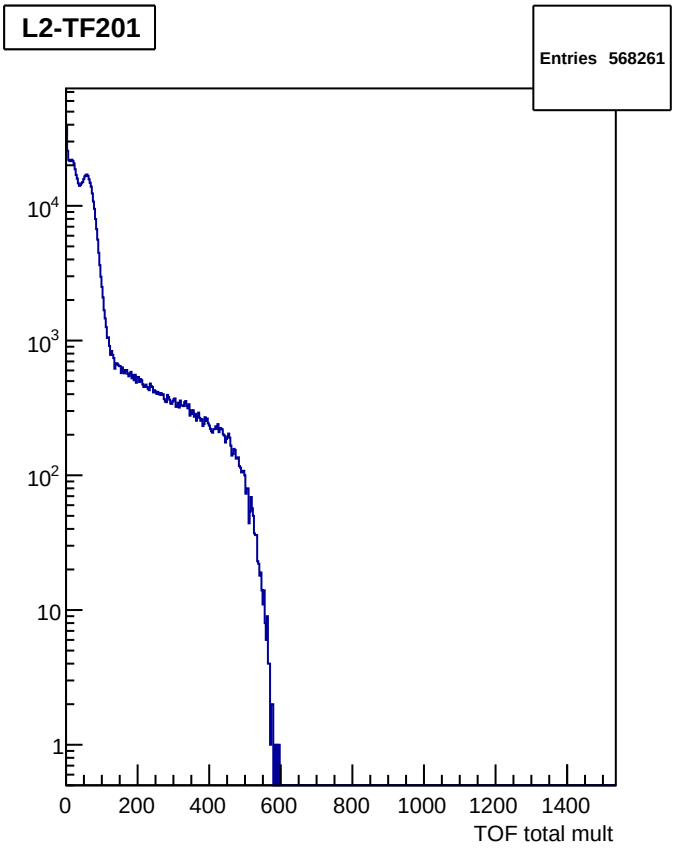

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

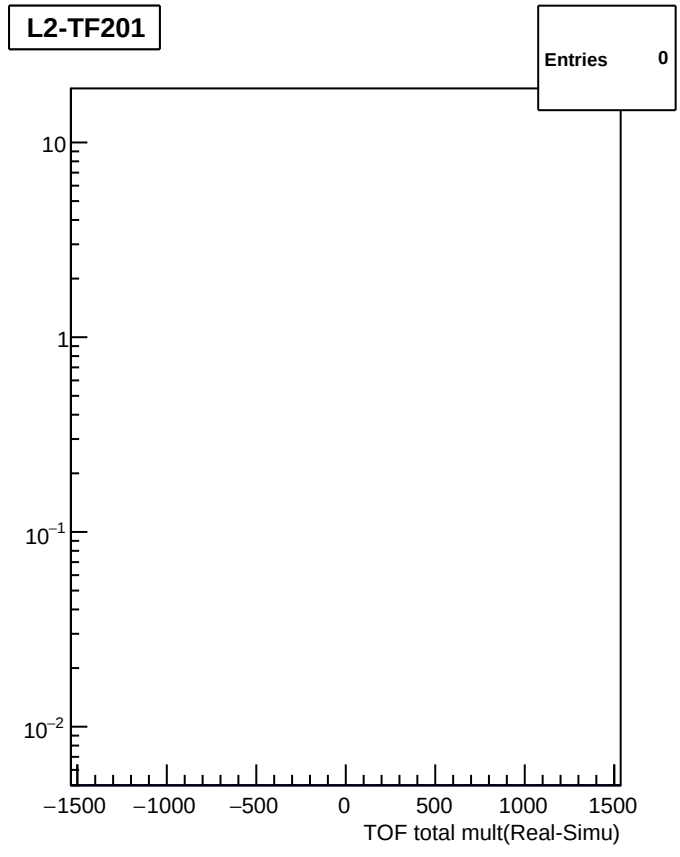

MIX-TF101
Entries 3409566
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

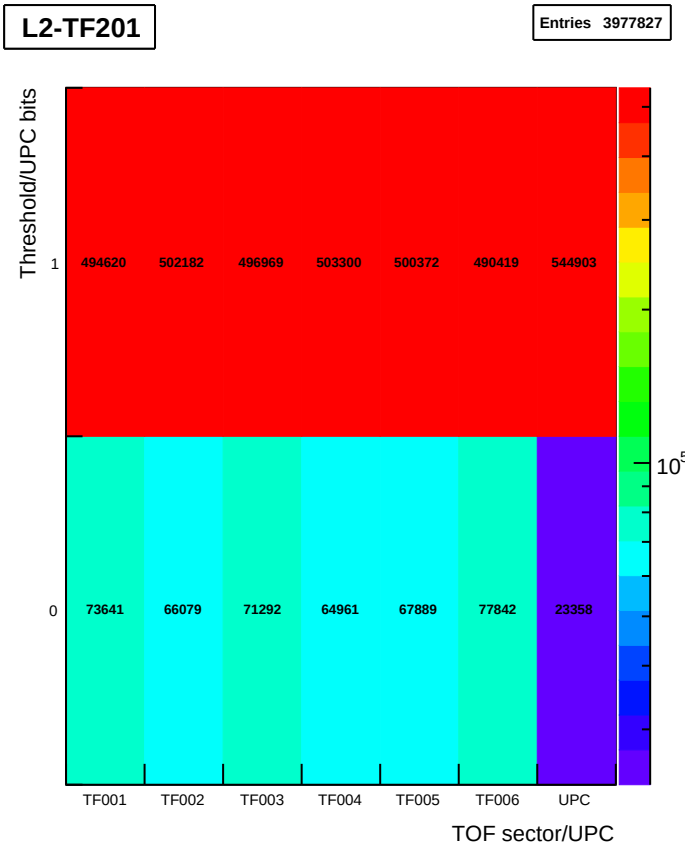

MIX-TF101
Entries 164458
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

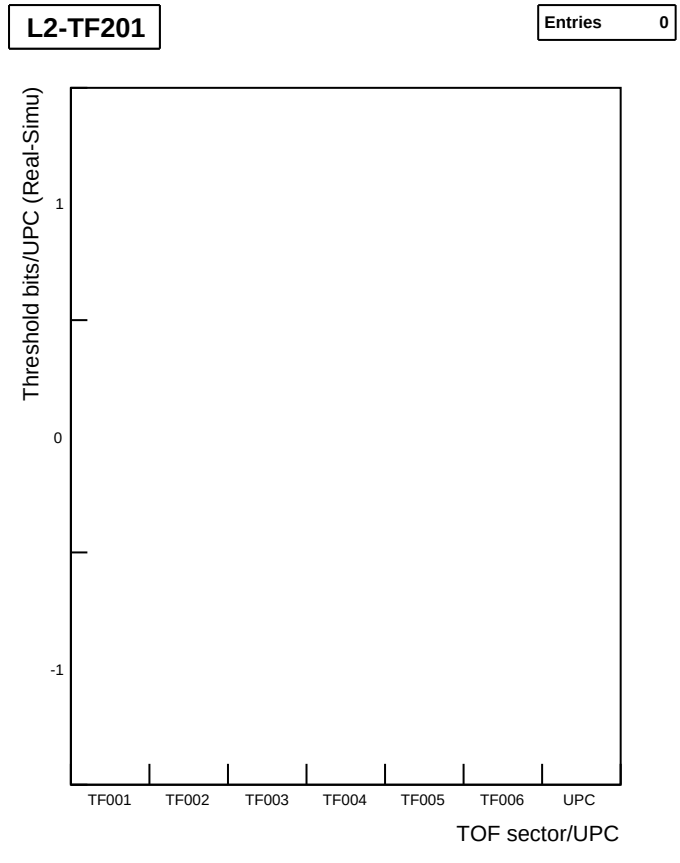

MIX-TF101
Entries 3409566
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

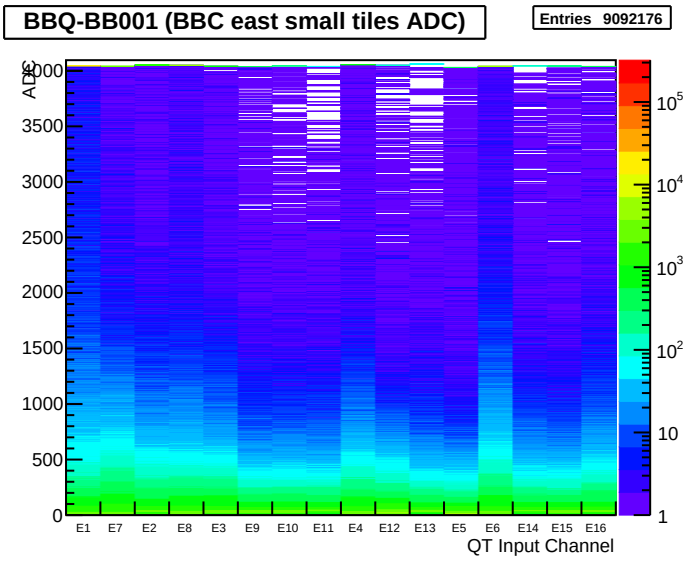

MIX-TF101
Entries 336522
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

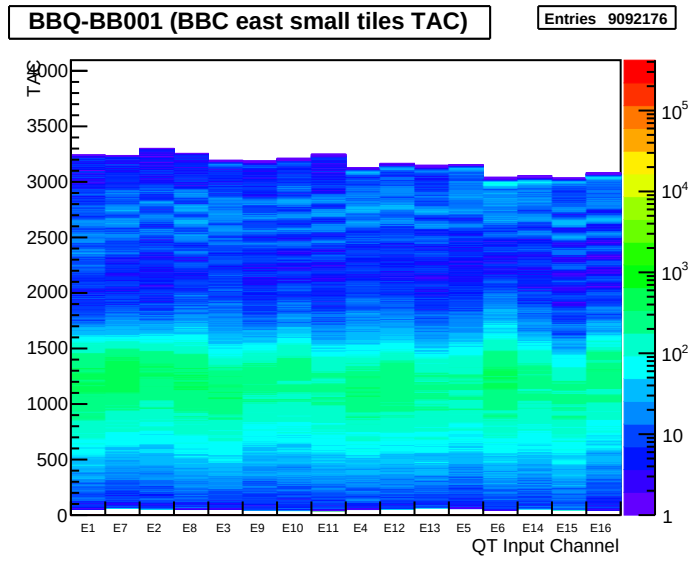

L2-TF201
Entries 568261
TOF total mult

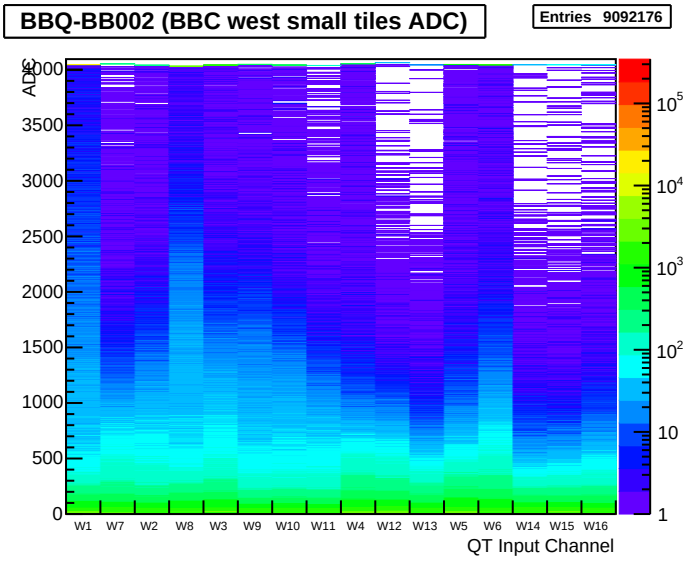

L2-TF201
Entries 0
TOF total mult(Real-Simu)

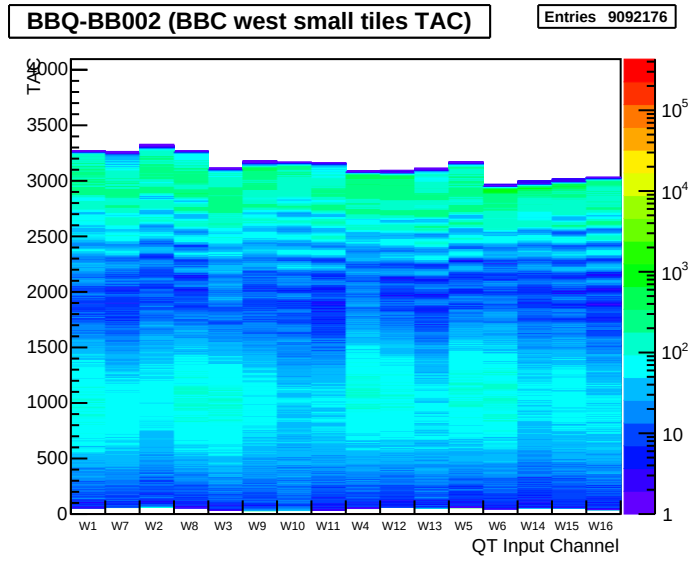

L2-TF201
Entries 3977827
Threshold/UPC bits
494620
502182
496969
503300
500372
490419
544903
73641
66079
71292
64961
67889
77842
23358
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

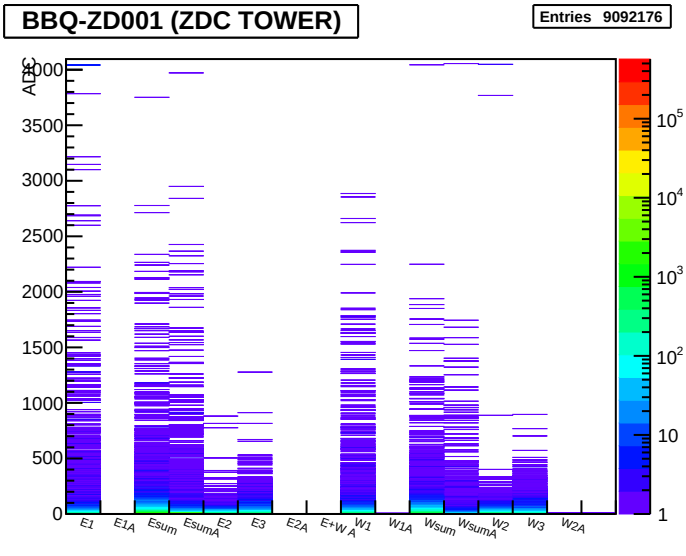

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

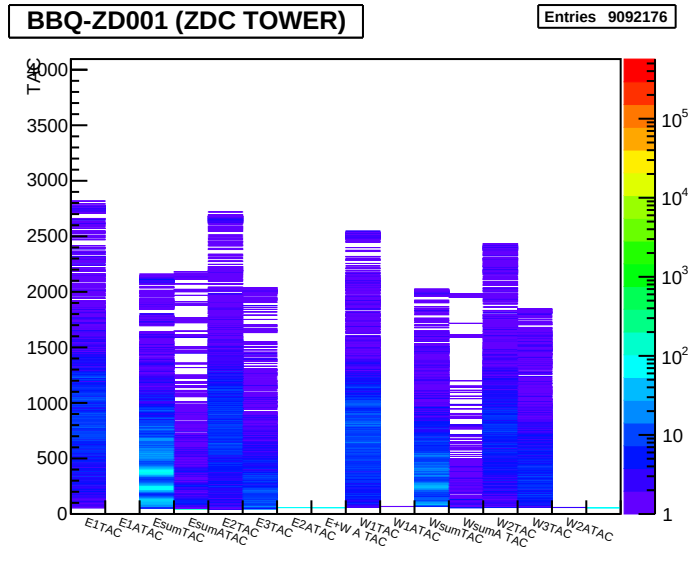

BBQ-BB001 (BBC east small tiles ADC)
Entries 9092176
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

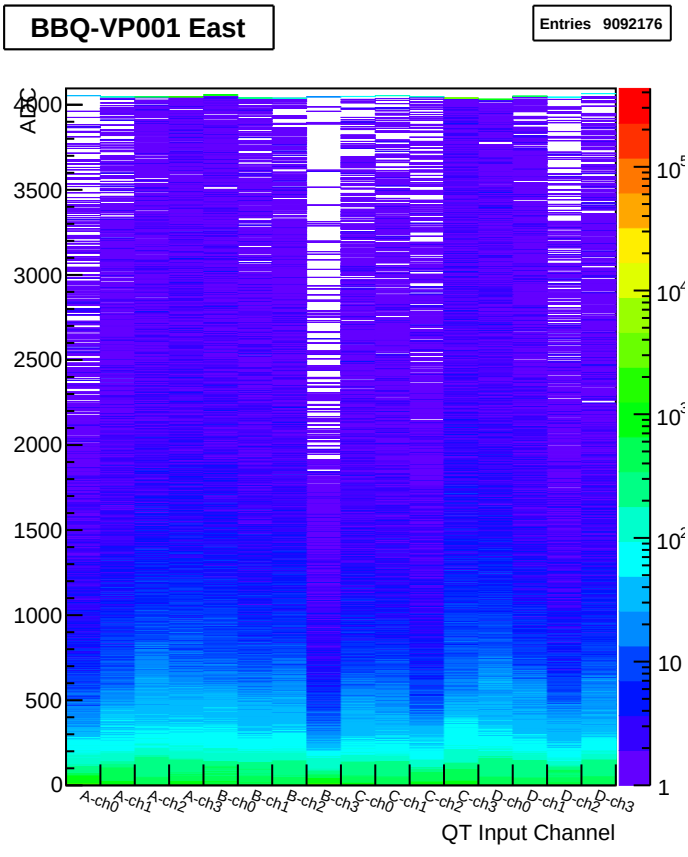

BBQ-BB001 (BBC east small tiles TAC)
Entries 9092176
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

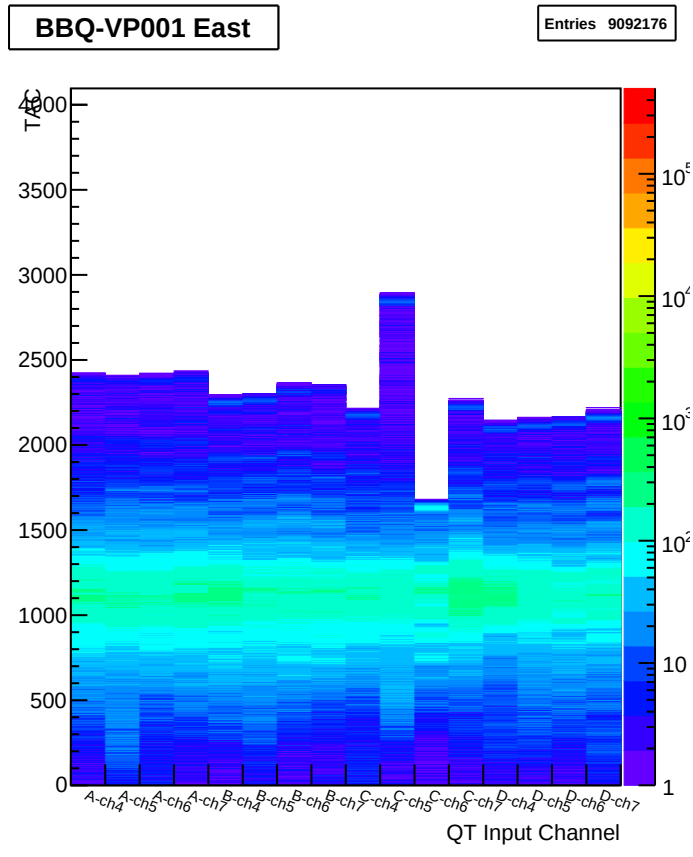

BBQ-BB002 (BBC west small tiles ADC)
Entries 9092176
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

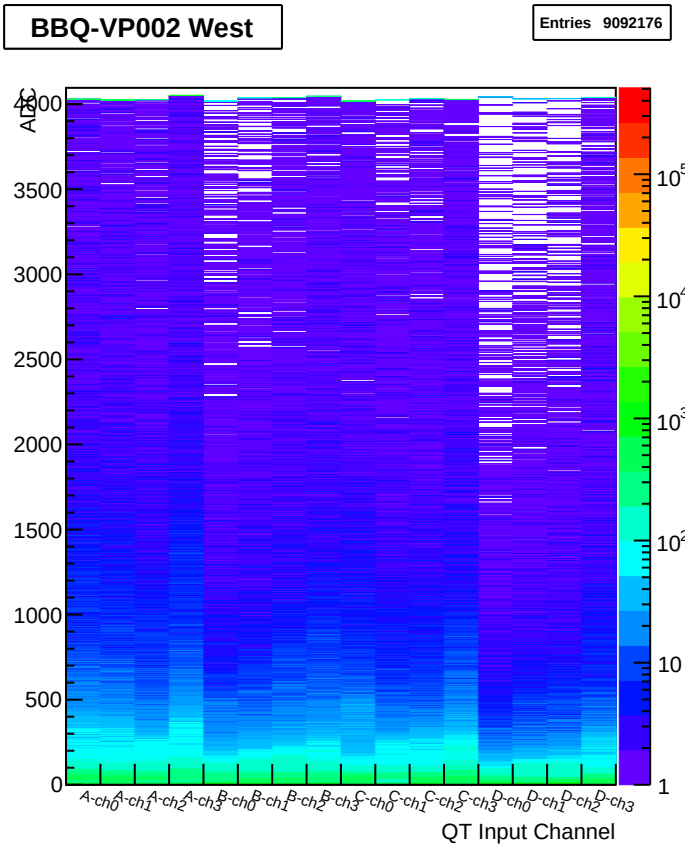

BBQ-BB002 (BBC west small tiles TAC)
Entries 9092176
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

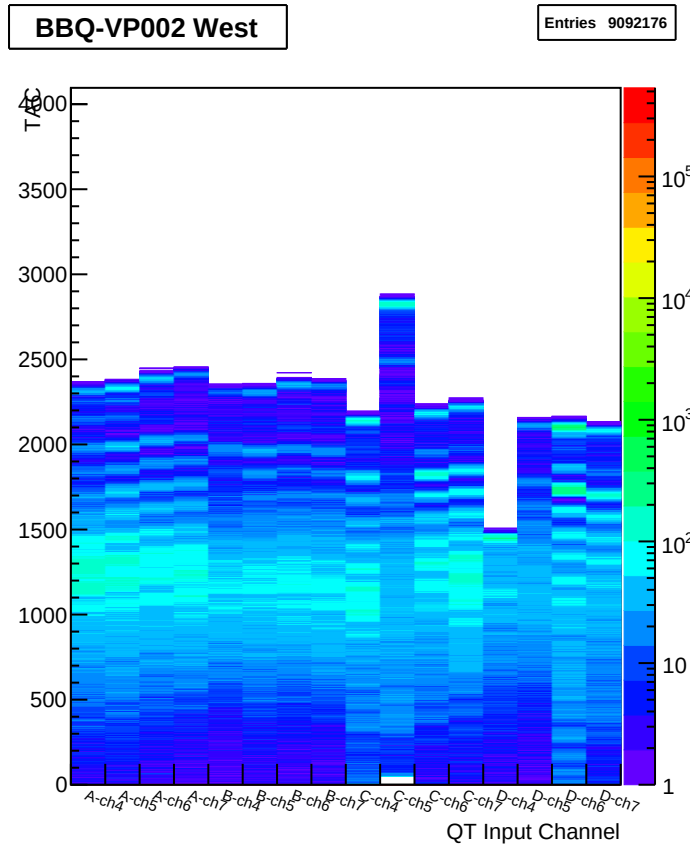

BBQ-ZD001 (ZDC TOWER)
Entries 9092176
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

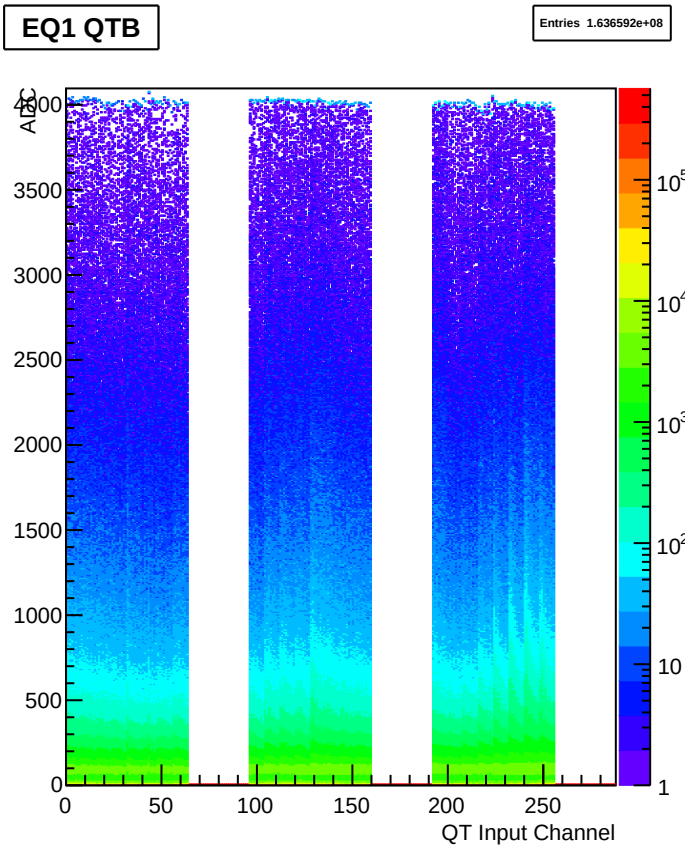

BBQ-ZD001 (ZDC TOWER)
Entries 9092176
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

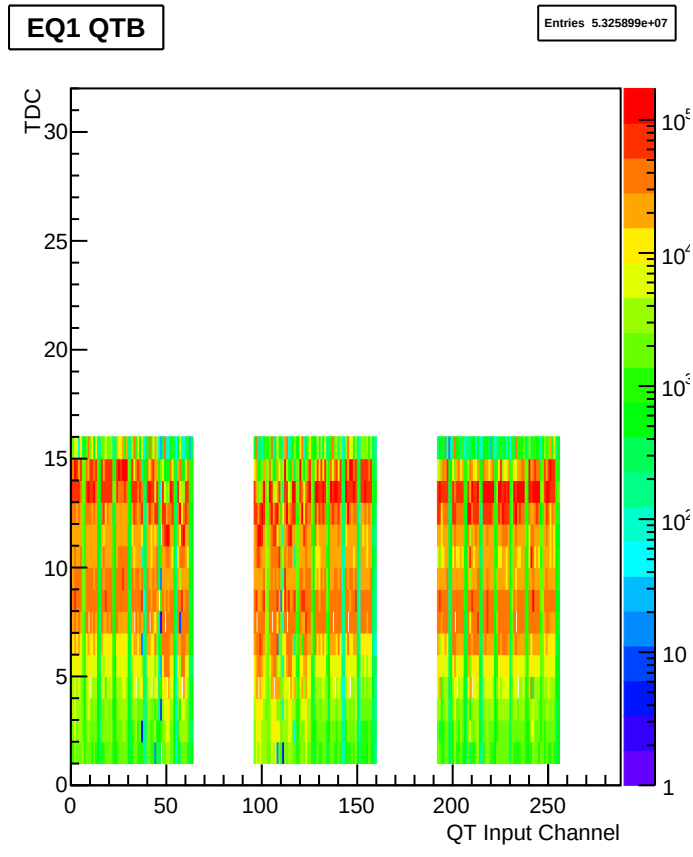

BBQ-VP001 East
Entries 9092176
ADC
QT Input Channel

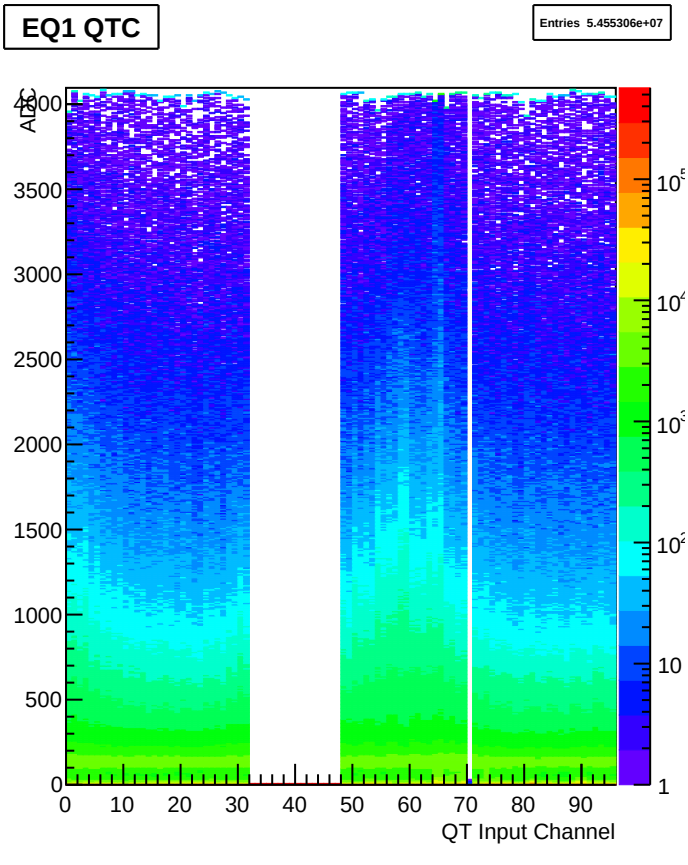

BBQ-VP001 East
Entries 9092176
ADC
QT Input Channel

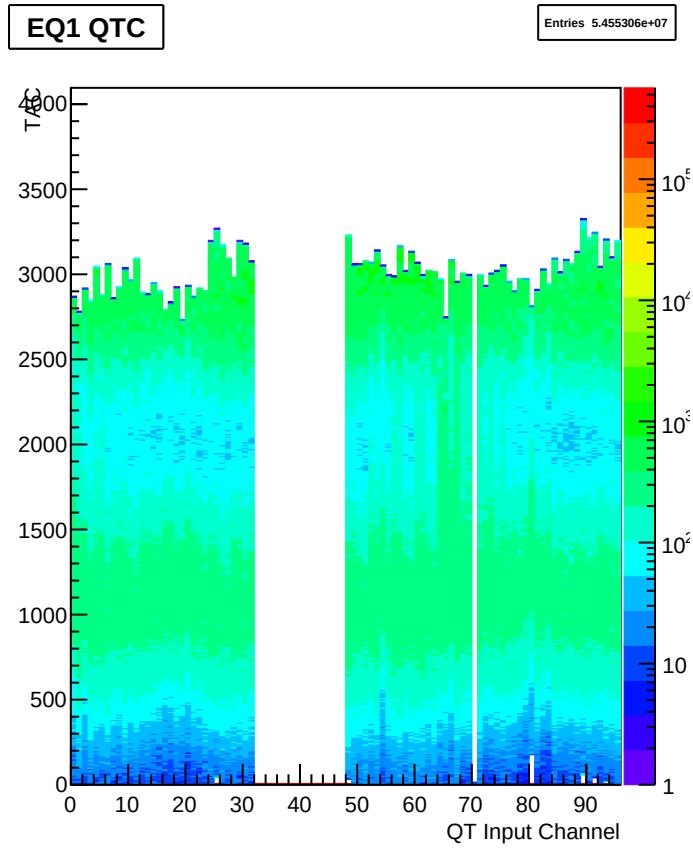

BBQ-VP002 West
Entries 9092176
ADC
QT Input Channel

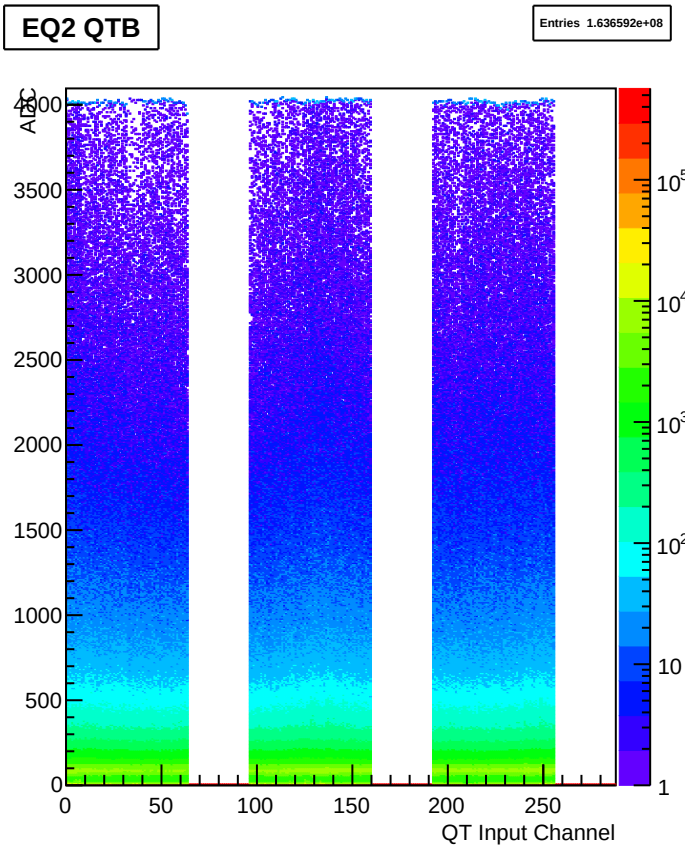

BBQ-VP002 West
Entries 9092176
ADC
QT Input Channel

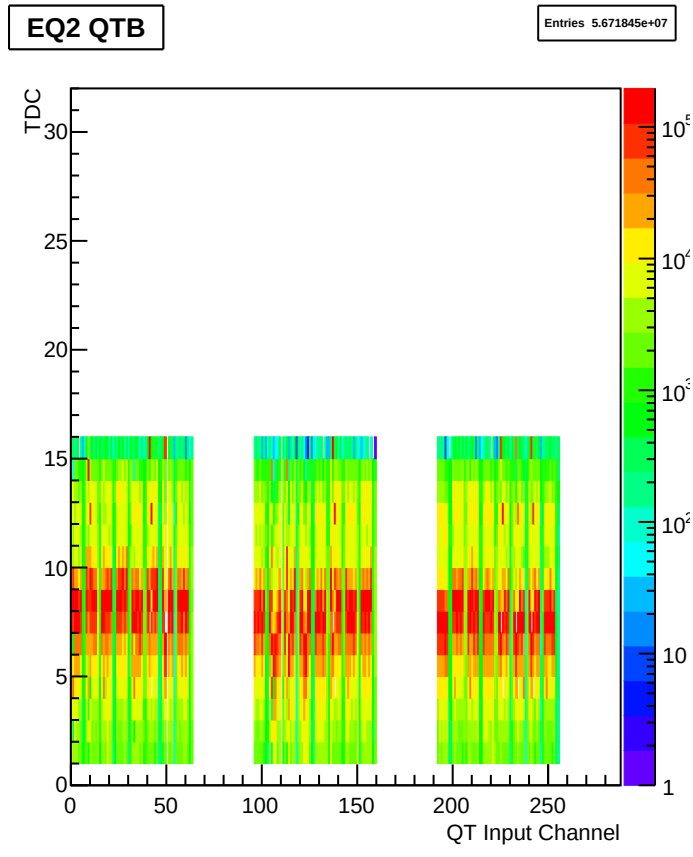

EQ1 QTB
Entries 1.636592e+08
ADC
QT Input Channel

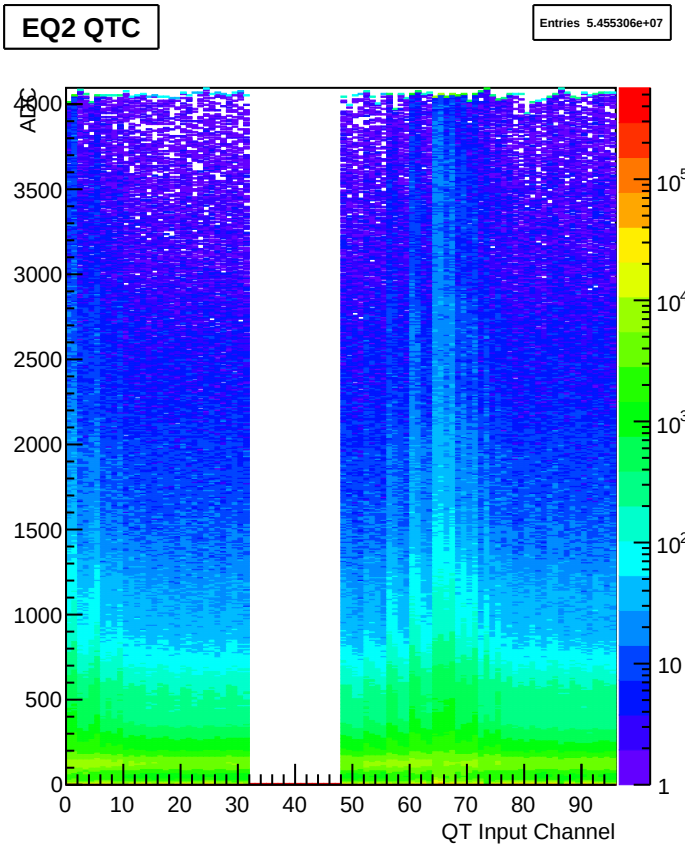

EQ1 QTB
Entries 5.325899e+07
TDC
QT Input Channel

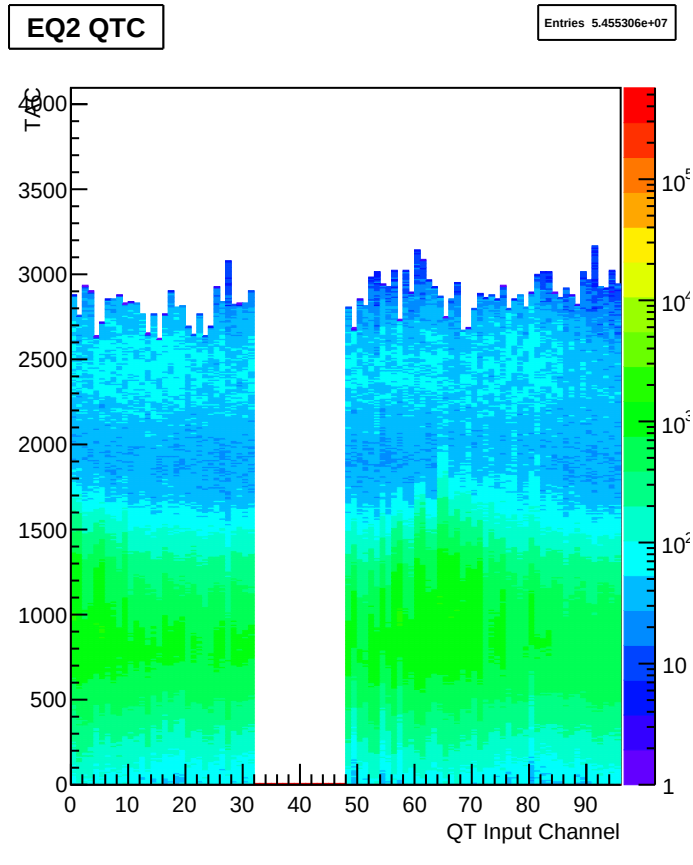

EQ1 QTC
Entries 5.455306e+07
ADC
QT Input Channel

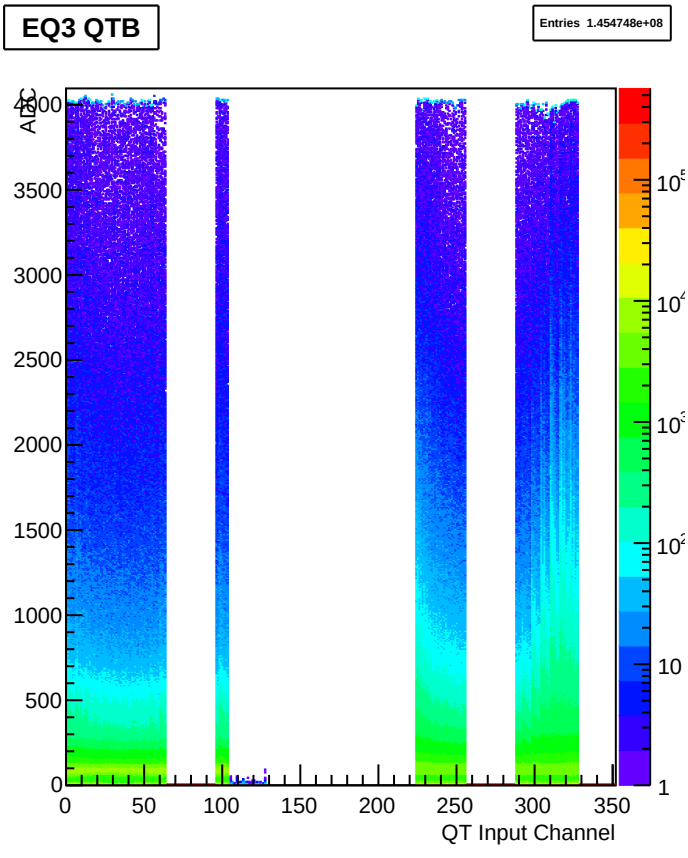

EQ1 QTC
Entries 5.455306e+07
TADC
QT Input Channel

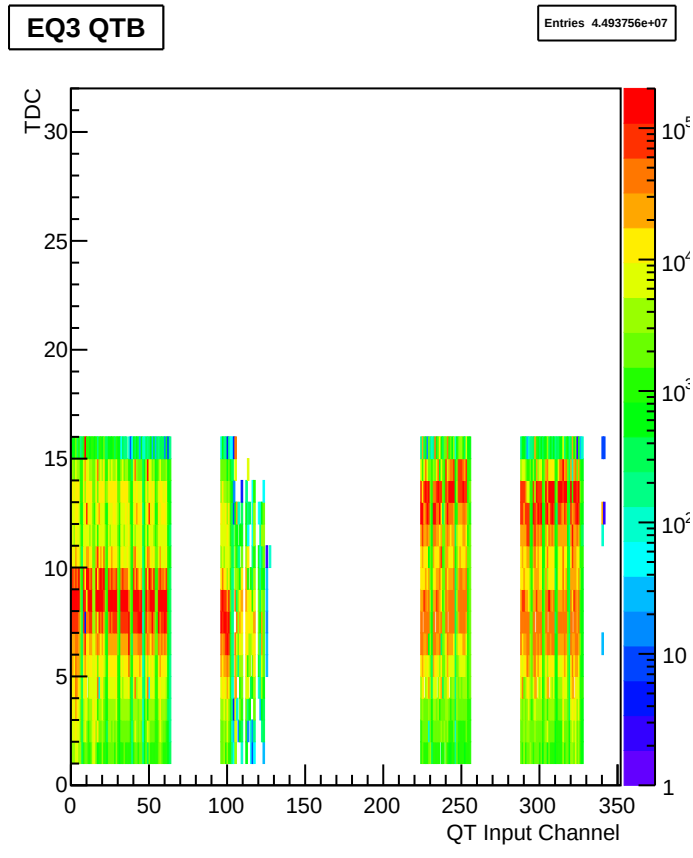

EQ2 QTB
Entries 1.636592e+08
ADC
QT Input Channel

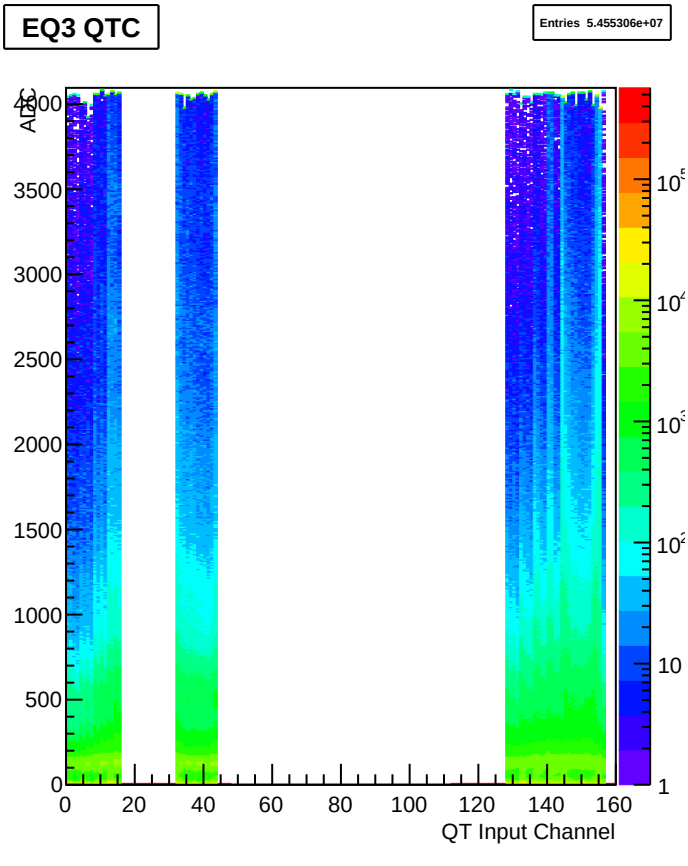

EQ2 QTB
Entries 5.671845e+07
TDC
QT Input Channel

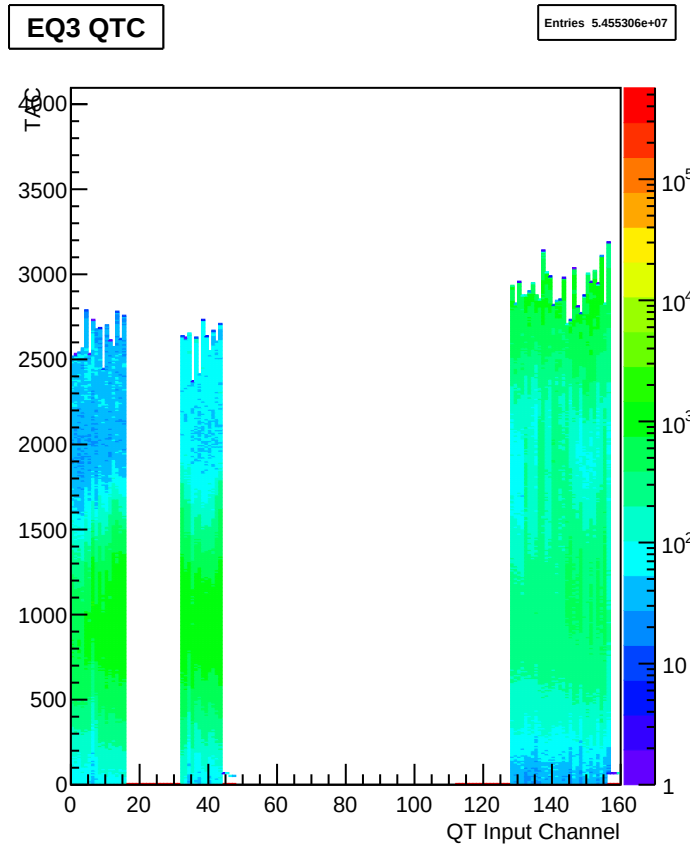

EQ2 QTC
Entries 5.455306e+07
ADC
QT Input Channel

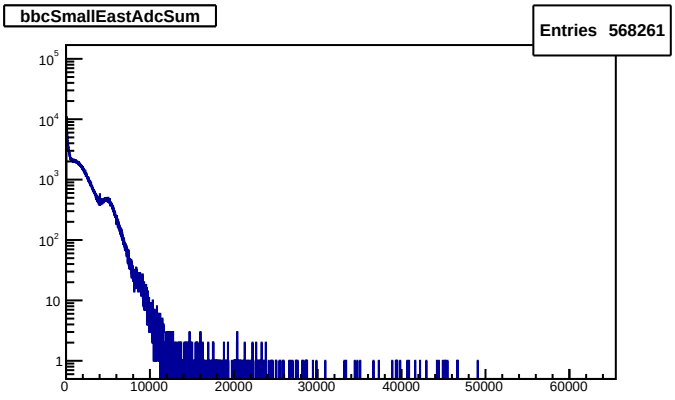

EQ2 QTC
Entries 5.455306e+07
TADC
QT Input Channel

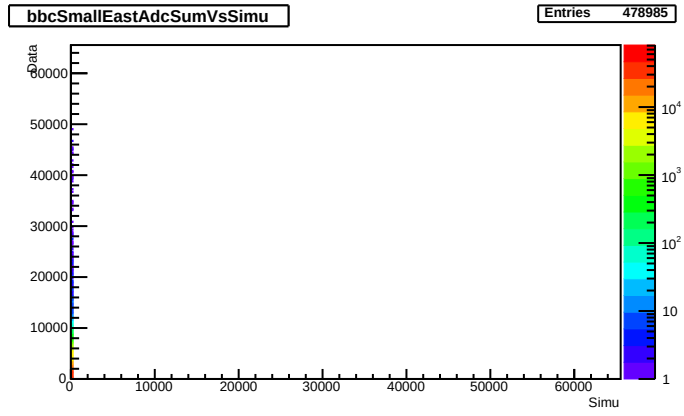

EQ3 QTB
Entries 1.454748e+08
ADC
QT Input Channel

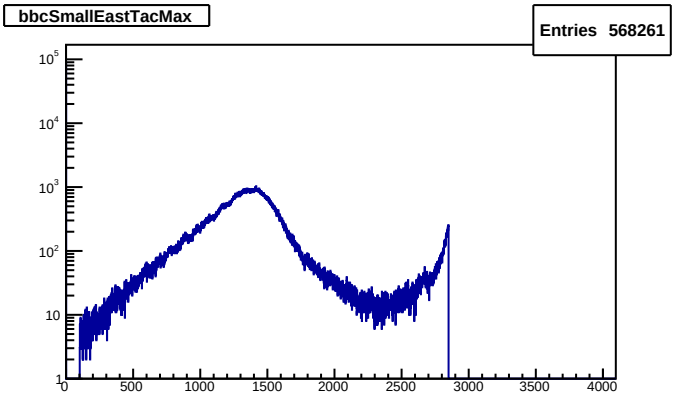

EQ3 QTB
Entries 4.493756e+07
TDC
QT Input Channel

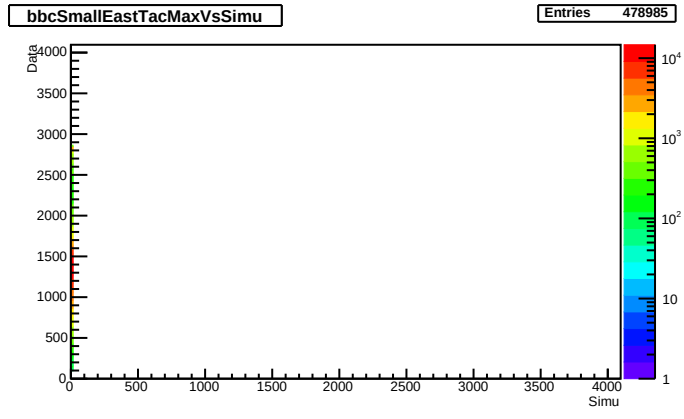

EQ3 QTC
Entries 5.455306e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.455306e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 568261


bbcSmallEastAdcSumVsSimu
Entries 478985
Data
Simu


bbcSmallEastTacMax
Entries 568261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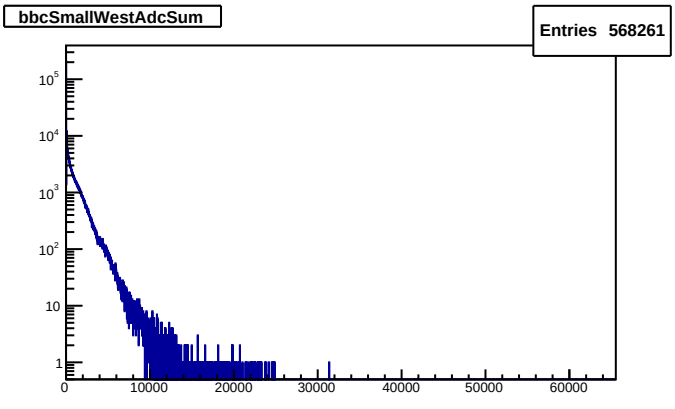
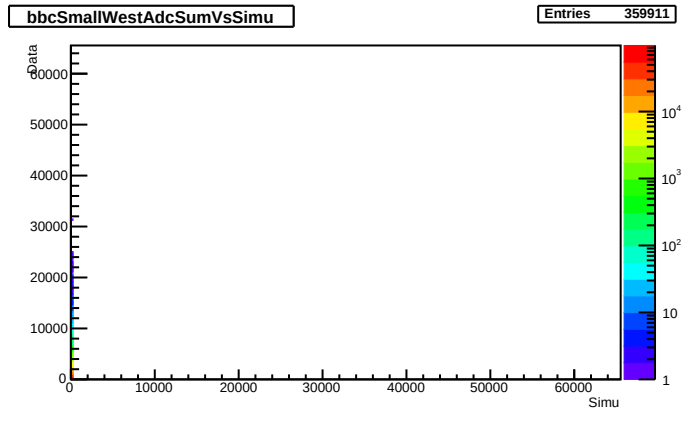
Entries 478985
Data
Simu


bbcSmallWestAdcSum
Entries 568261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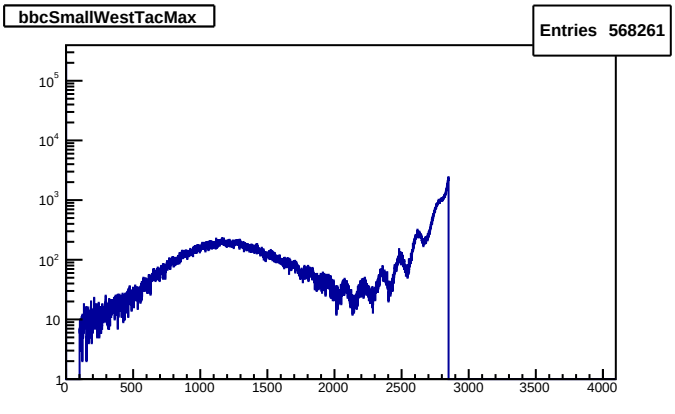
Entries 359911
Data
Simu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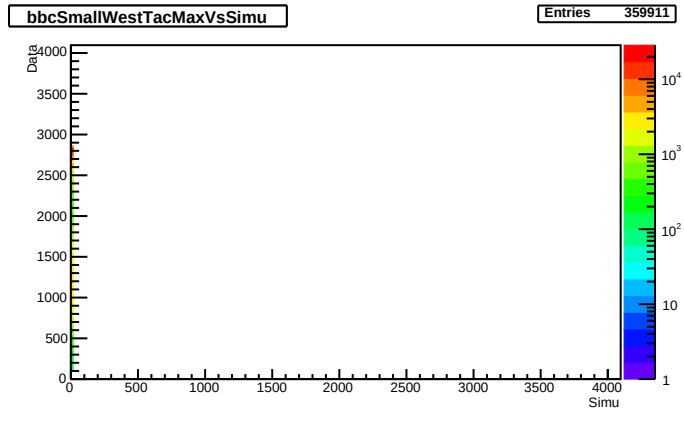
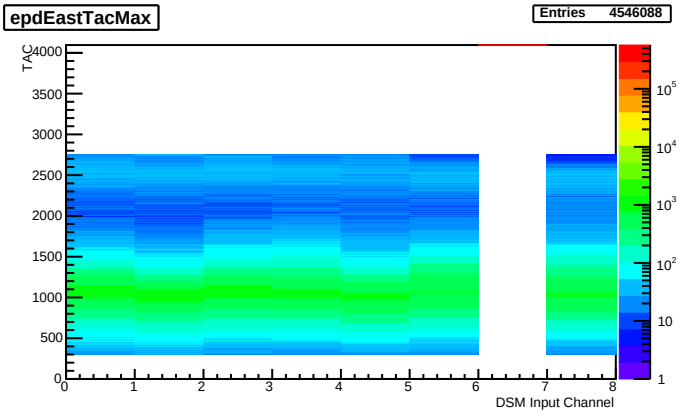
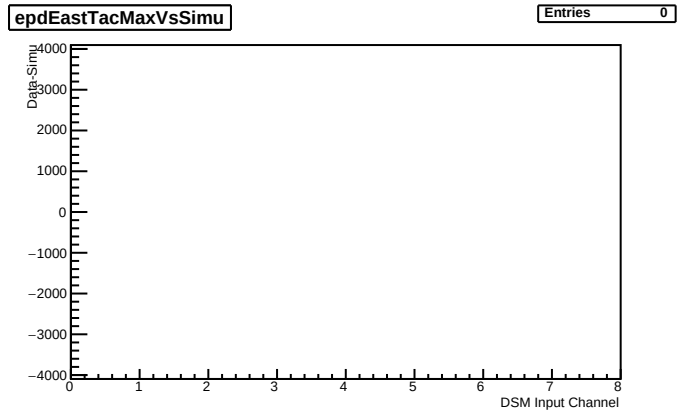
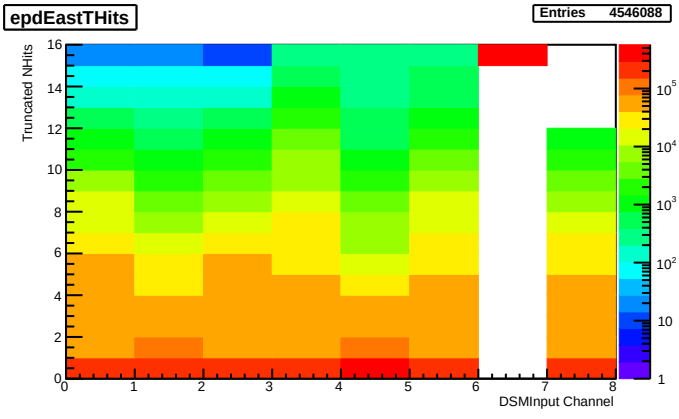
Entries 568261


bbcSmallWestTacMaxVsSimu
Entries 359911
Data
Simu


epdEastTacMax
Entries 4546088
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4546088
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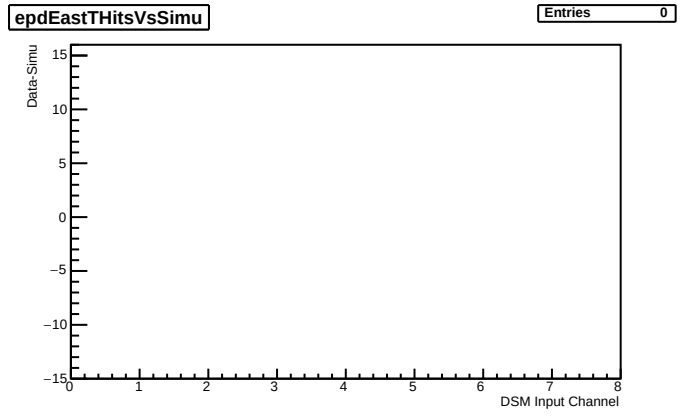
DSMInput Channel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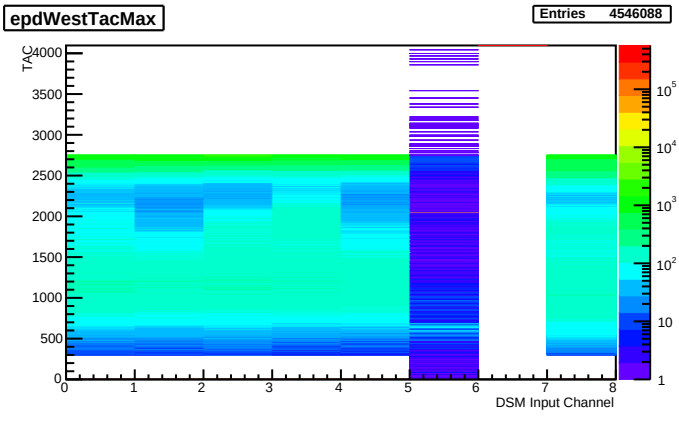
DSM Input Channel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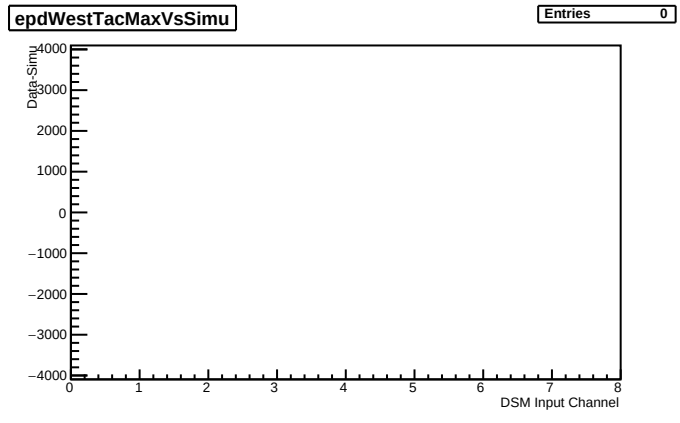
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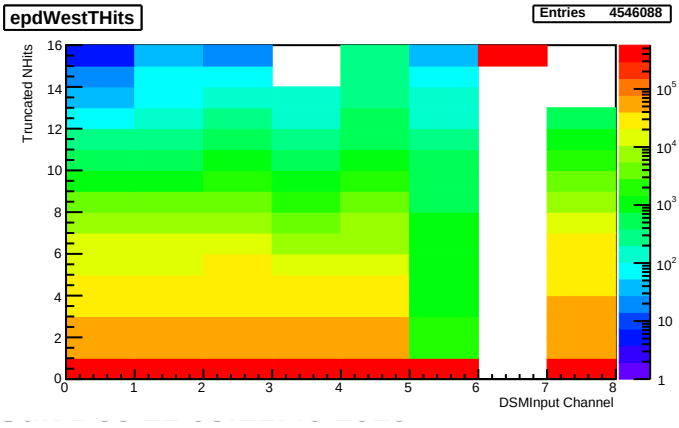
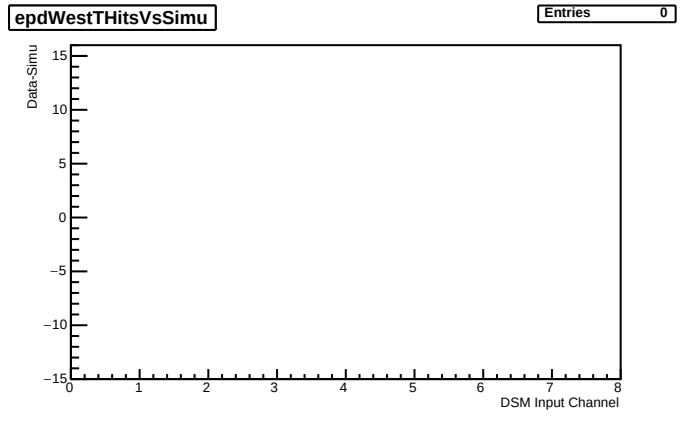
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4546088
Truncated NHits
DSMInput Channel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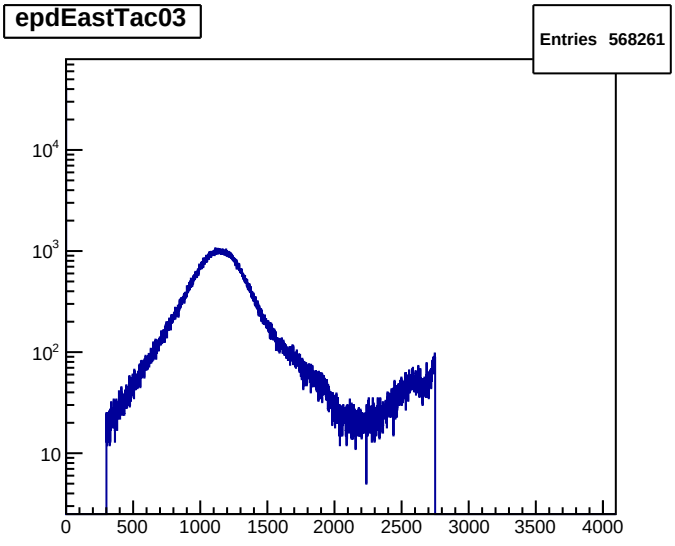
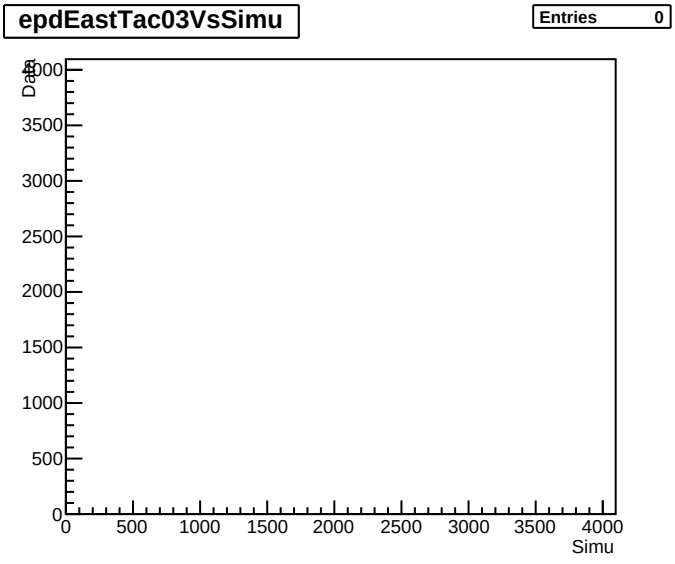
DSM Input Channel


epdEastTac03
Entries 568261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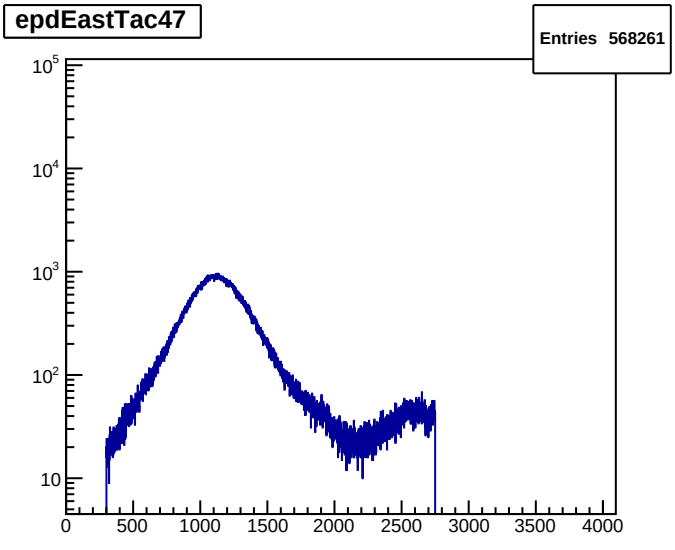
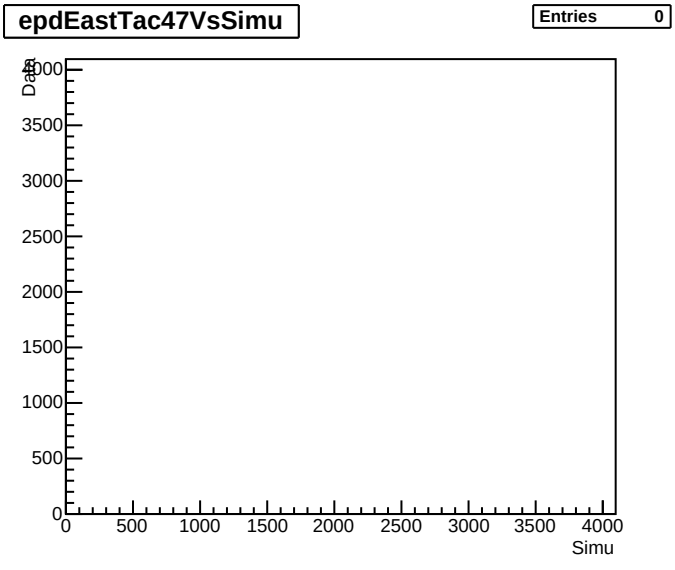
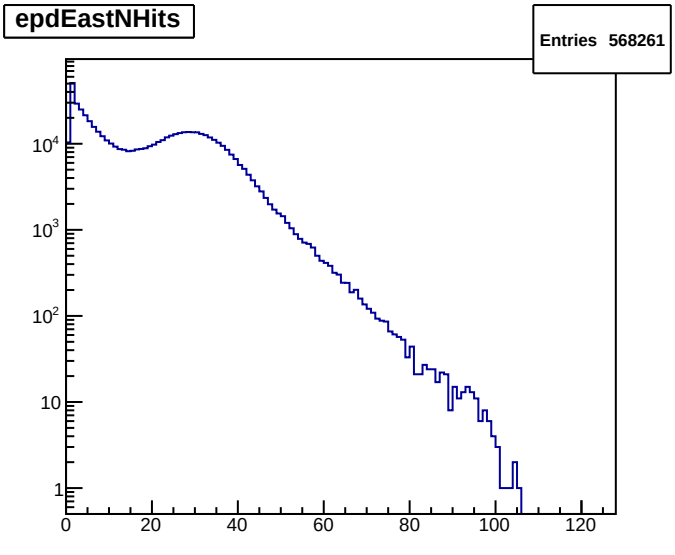
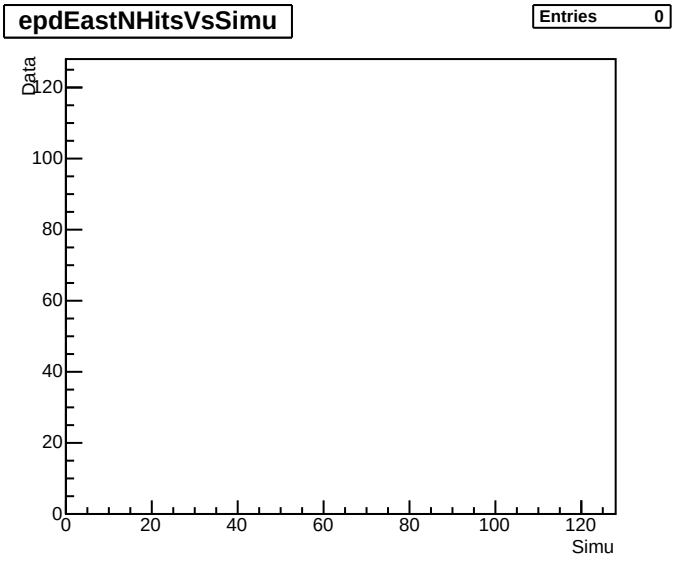
Entries 0
Data
Simu


epdEastTac47
Entries 568261


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 568261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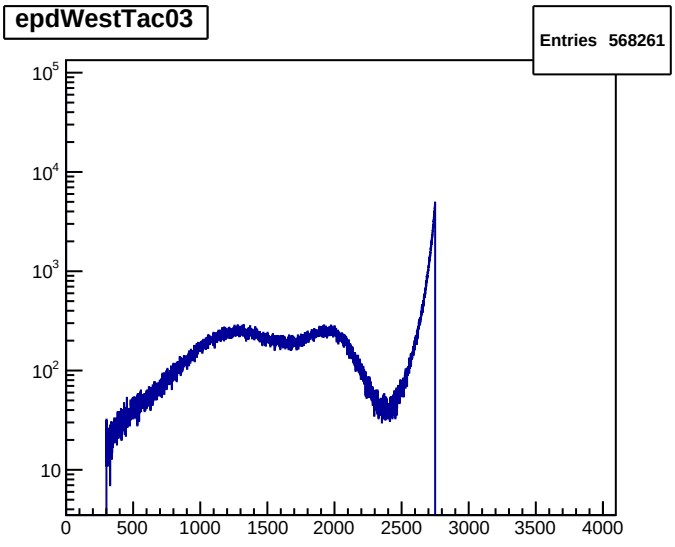
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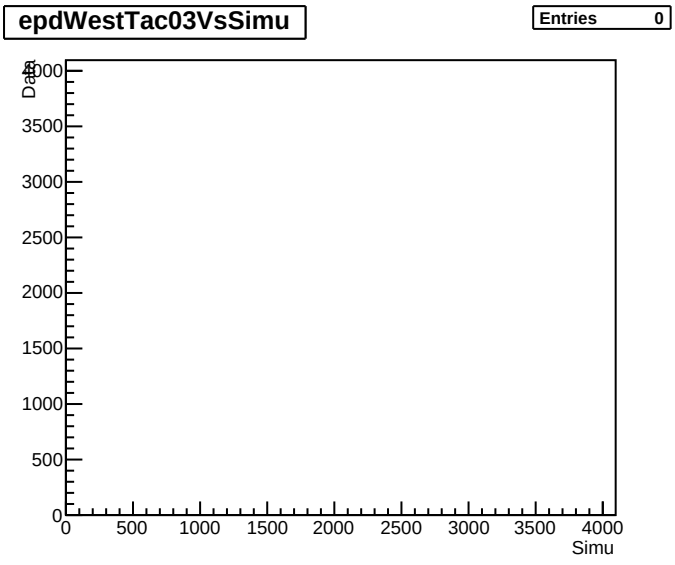
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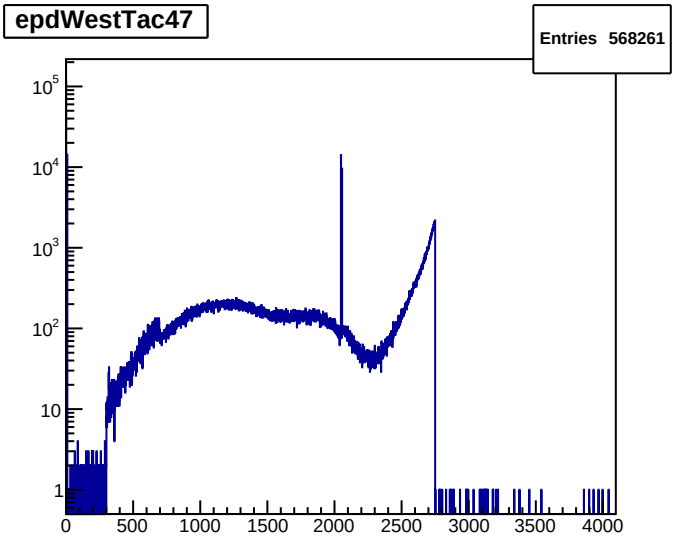
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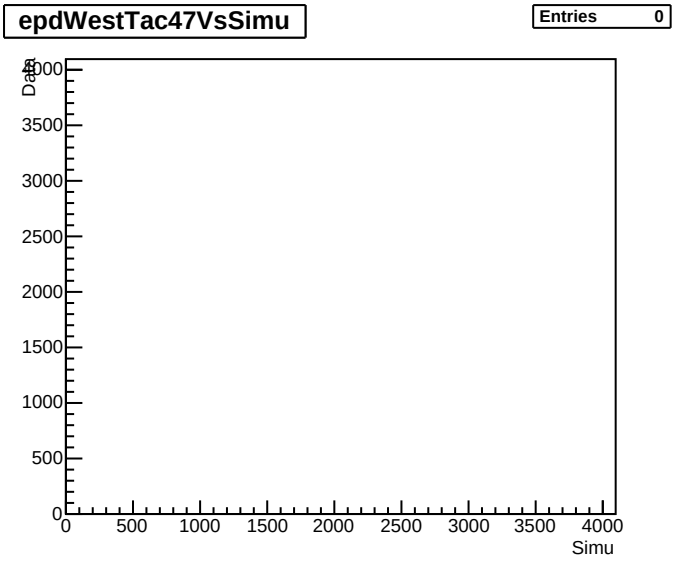
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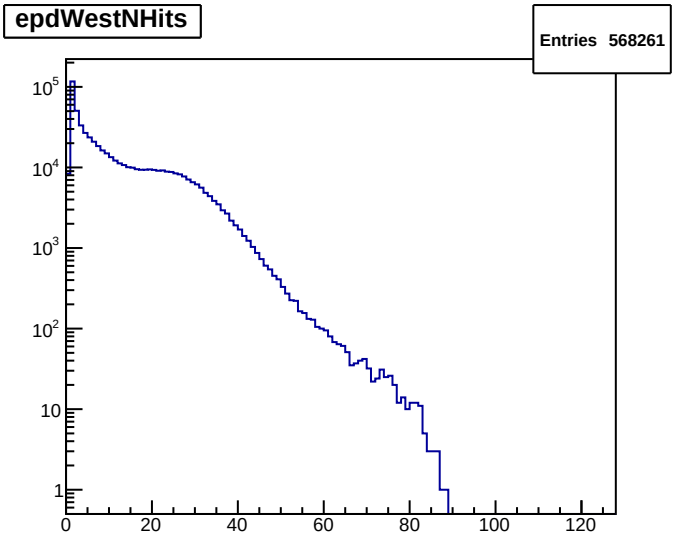
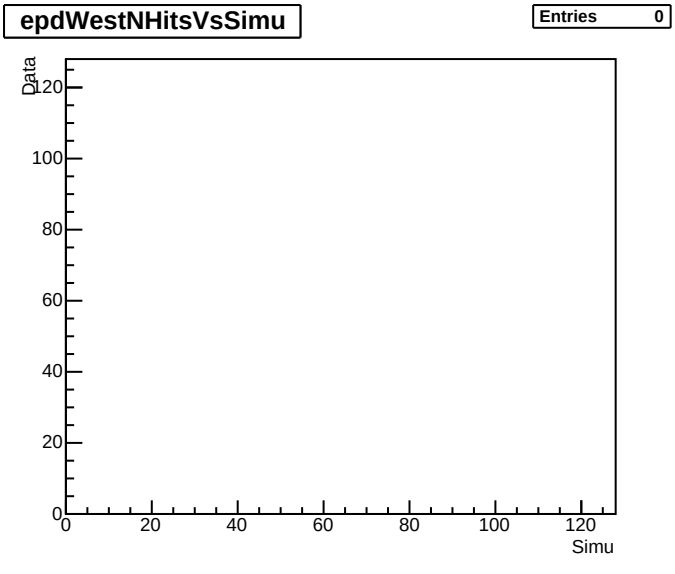
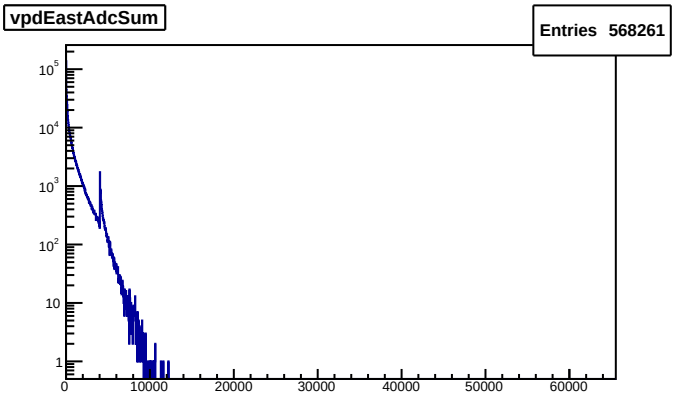
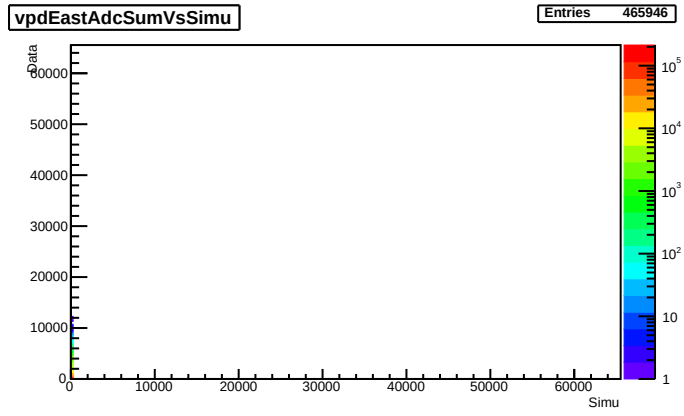
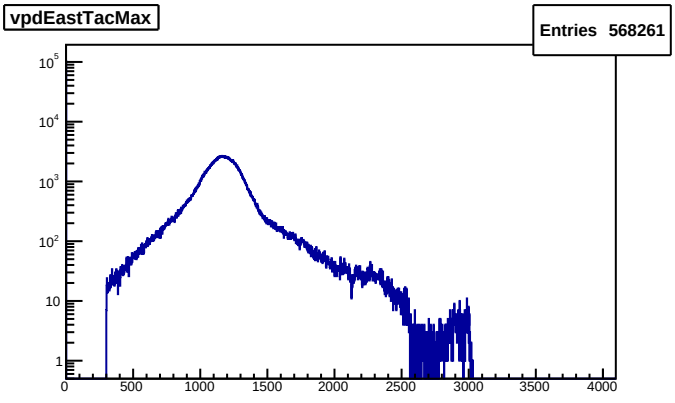
Data
Simu

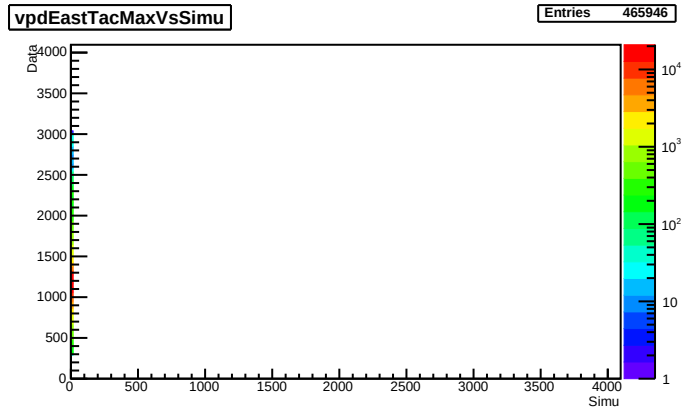

epdWestNHits
Entries 568261

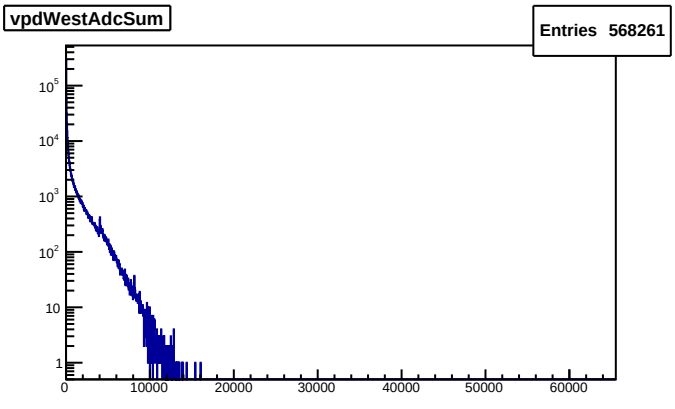

epdWestNHitsVsSimu
Entries 0
Data
Simu

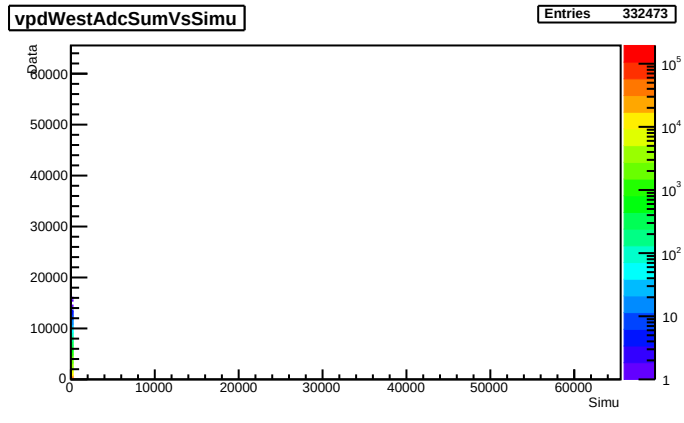

vpdEastAdcSum
Entries 568261

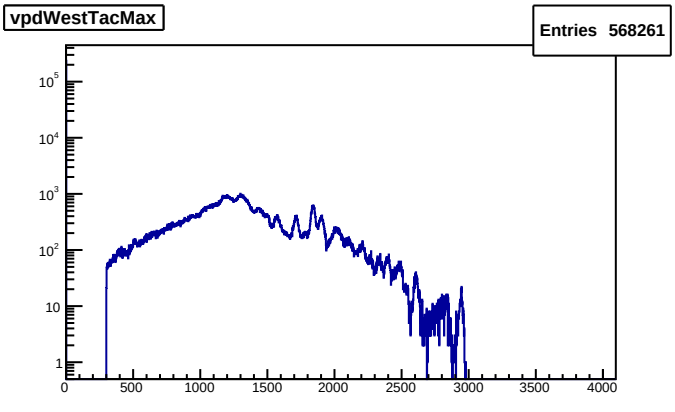

vpdEastAdcSumVsSimu
Entries 465946
Data
Simu

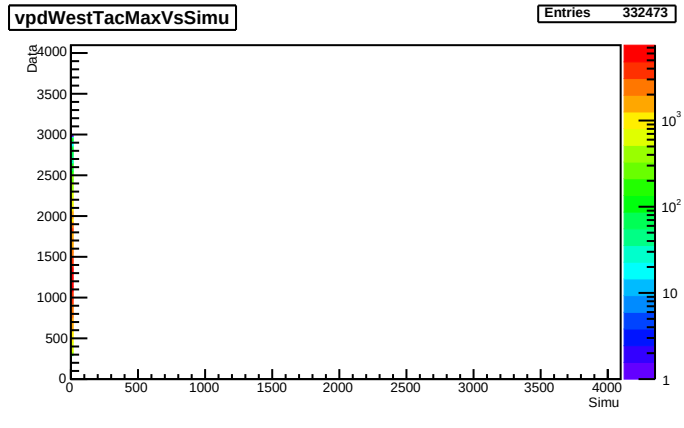

vpdEastTacMax
Entries 568261

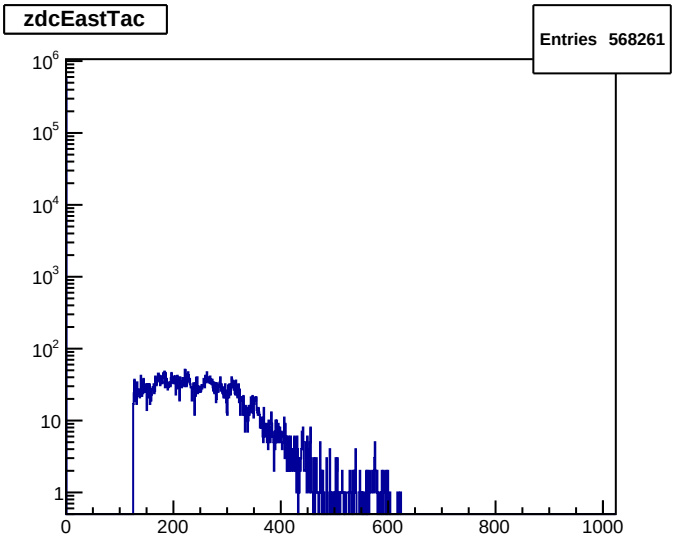

vpdEastTacMaxVsSimu
Entries 465946
Data
Simu

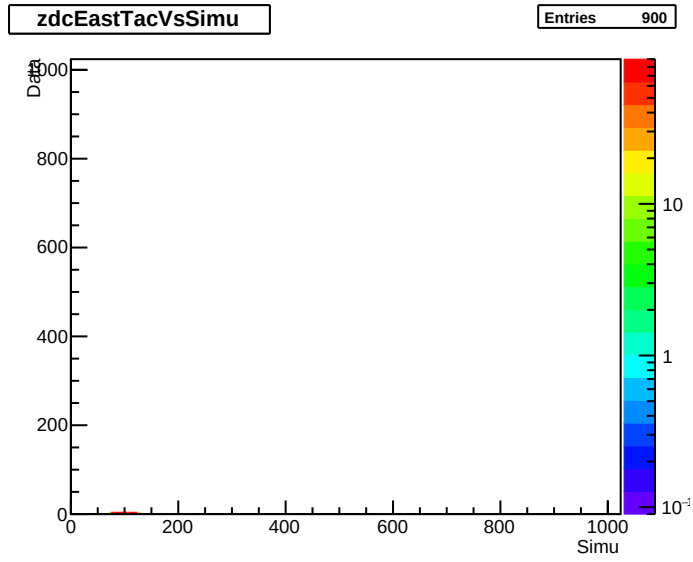

vpdWestAdcSum
Entries 568261

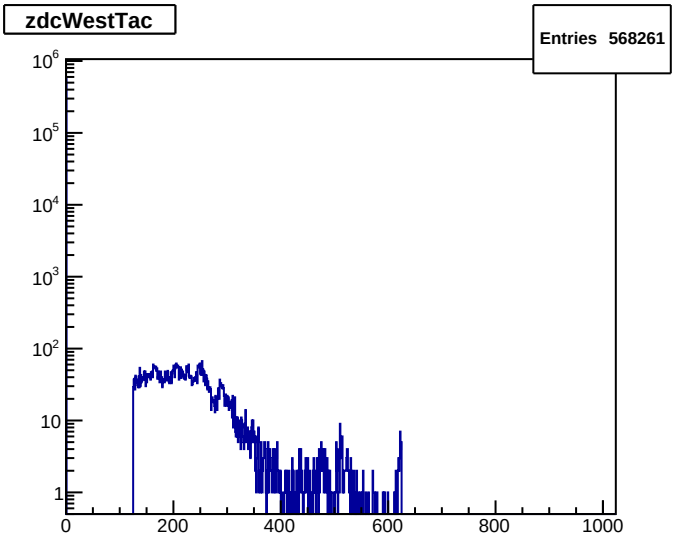

vpdWestAdcSumVsSimu
Entries 332473
Data
Simu

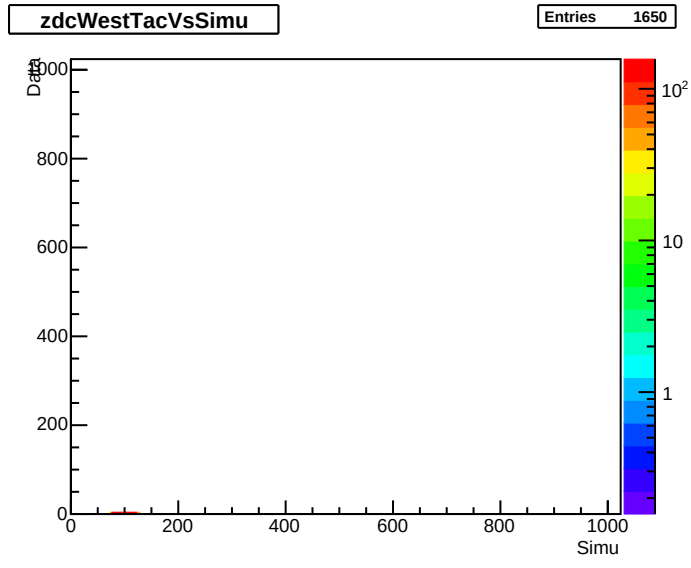

vpdWestTacMax
Entries 568261

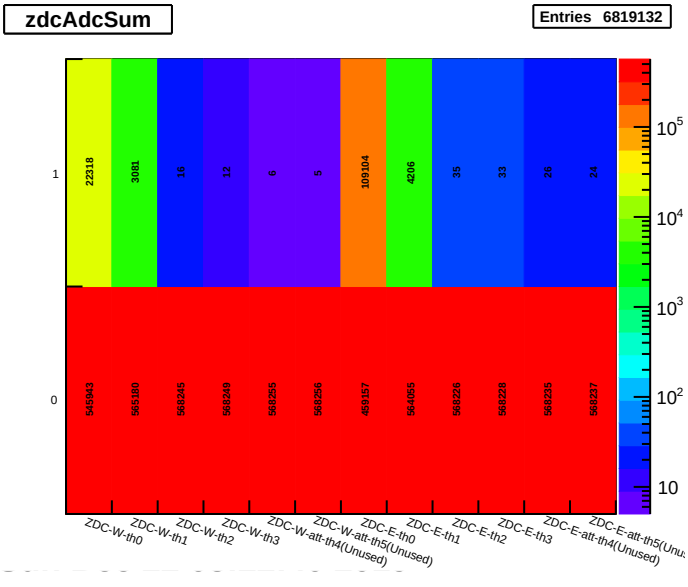

vpdWestTacMaxVsSimu
Entries 332473
Data
Simu

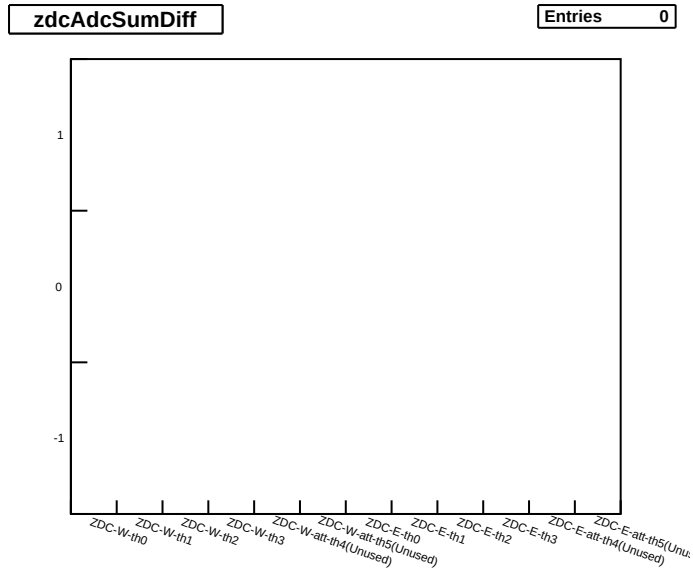

zdcEastTac
Entries 568261

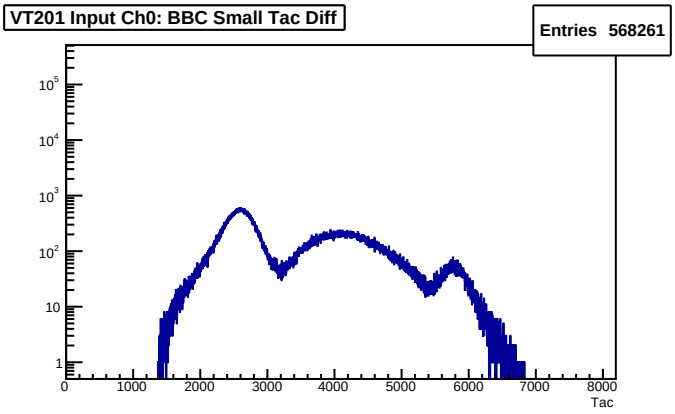

zdcEastTacVsSimu
Entries 900
Data
Simu

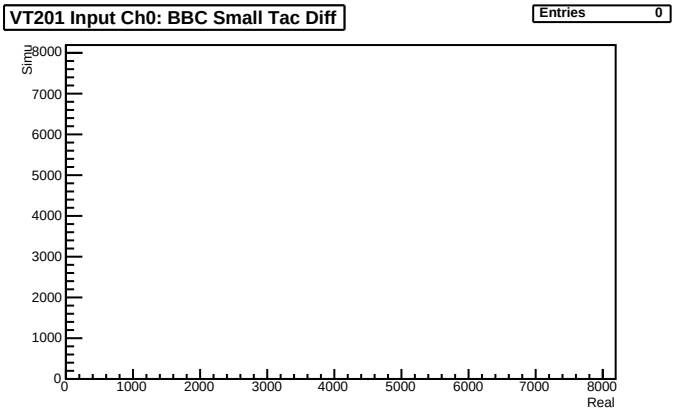

zdcWestTac
Entries 568261

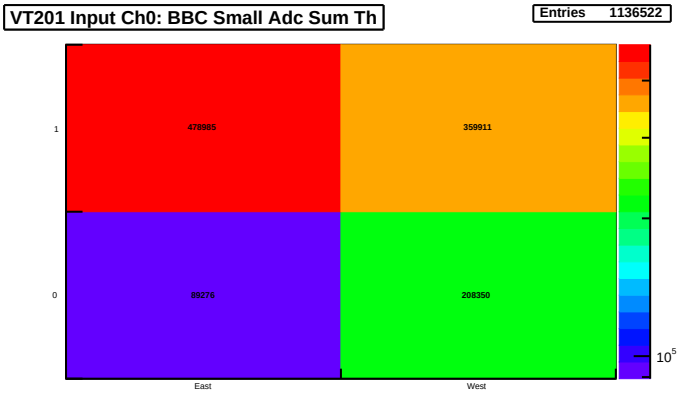

zdcWestTacVsSimu
Entries 1650
Data
Simu

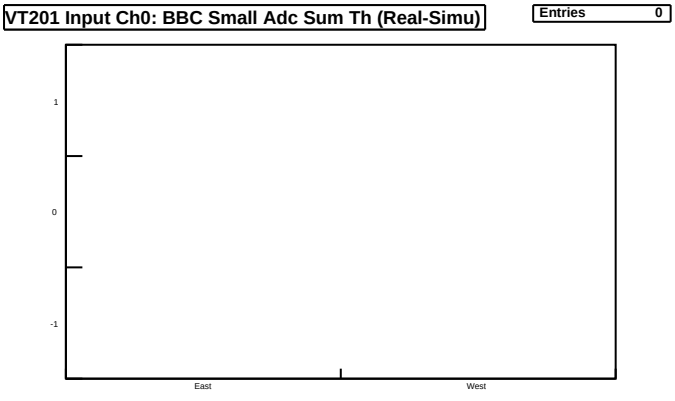

zdcAdcSum
Entries 6819132
22318
3081
16
12
6
5
109104
4206
35
33
26
24
545943
565180
568245
568249
568255
568256
459157
564055
568226
568228
568235
568237
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

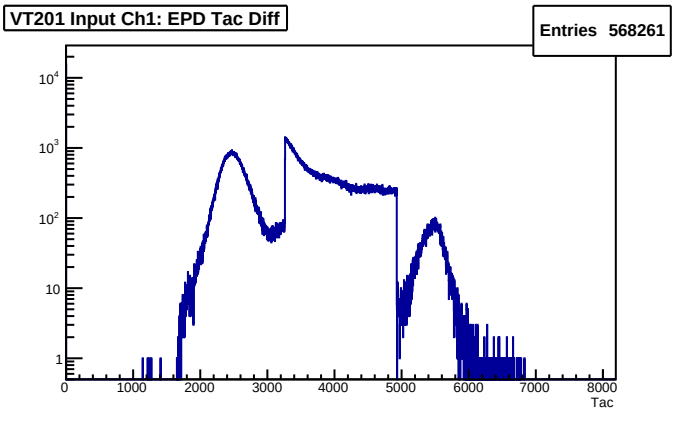

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

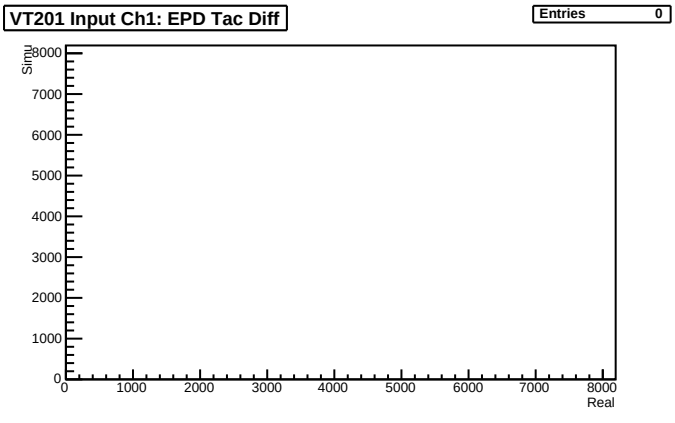

VT201 Input Ch0: BBC Small Tac Diff
Entries 568261
Tac

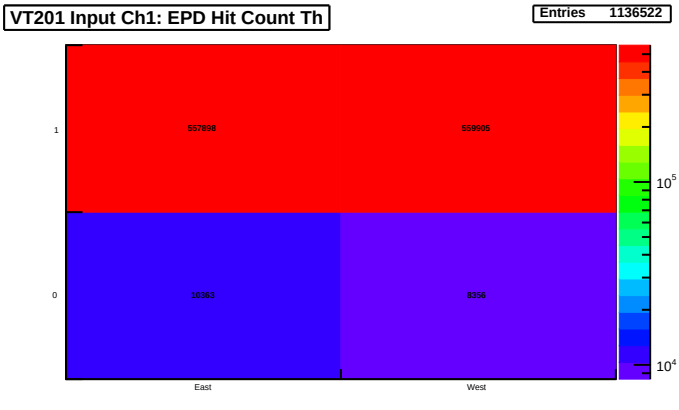

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

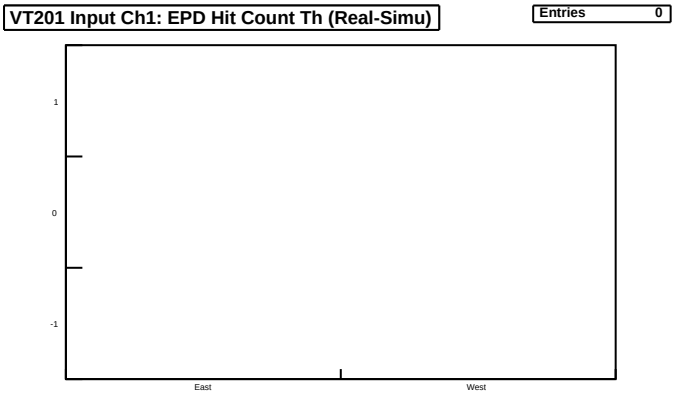

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1136522
478985
359911
89276
208350
East
West

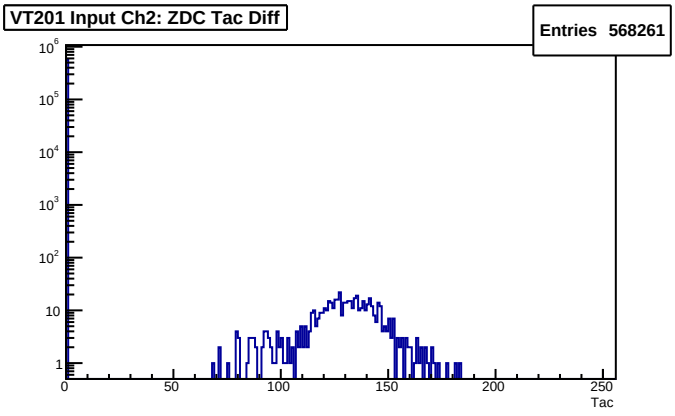

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

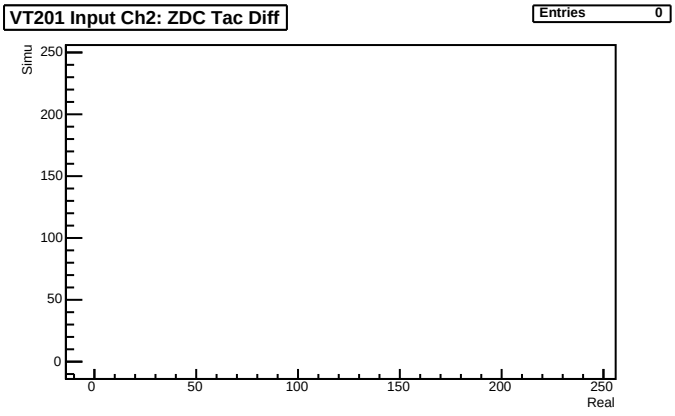

VT201 Input Ch1: EPD Tac Diff
Entries 568261
Tac

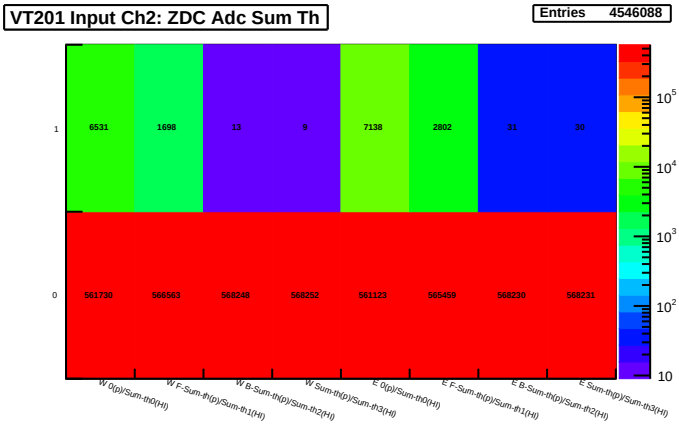

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

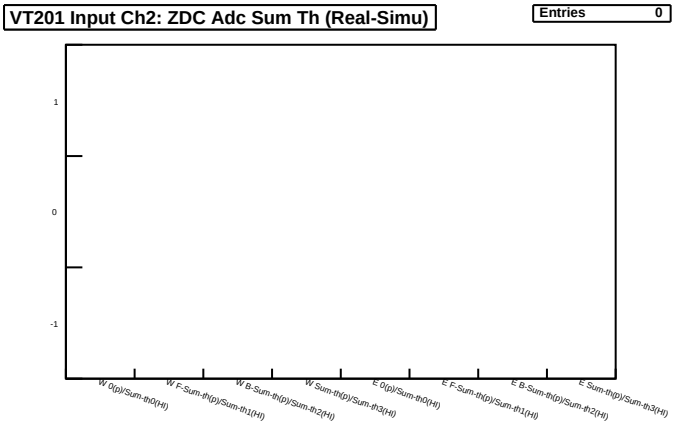

VT201 Input Ch1: EPD Hit Count Th
Entries 1136522
557898
559905
10363
8356
East
West

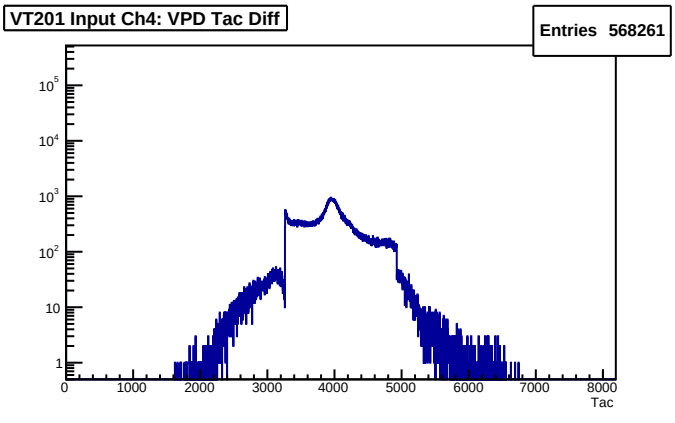

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

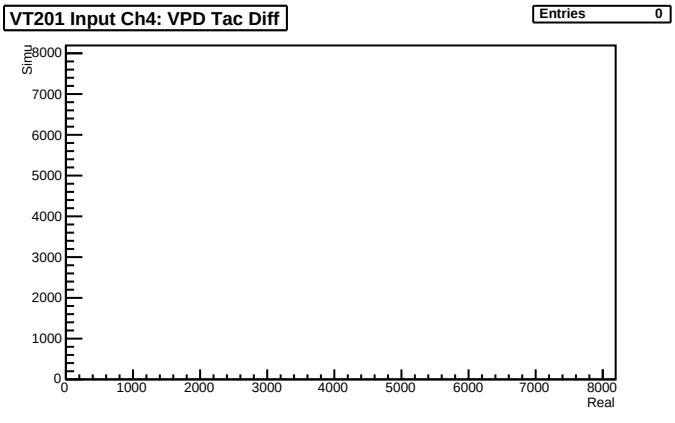

VT201 Input Ch2: ZDC Tac Diff
Entries 568261
Tac

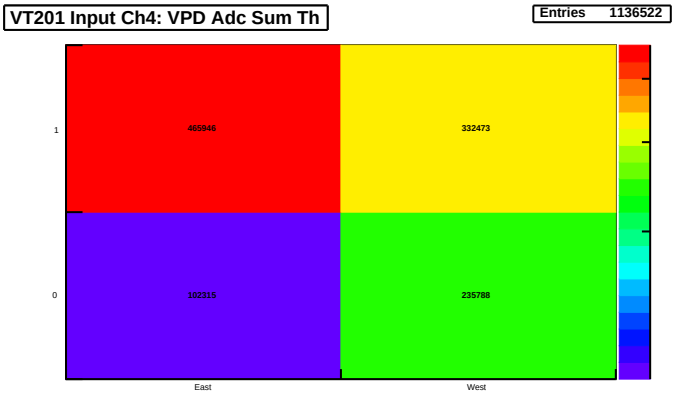

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

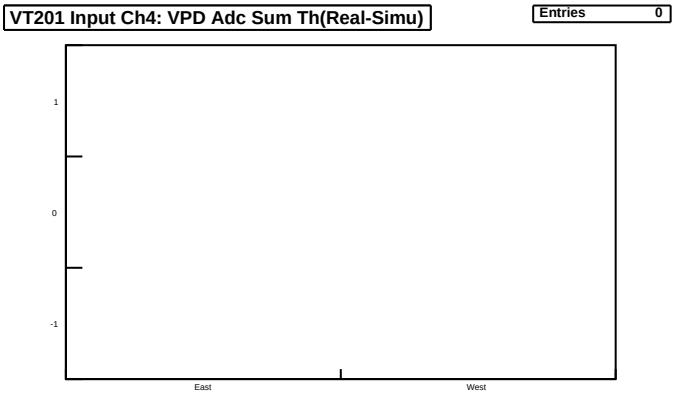

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4546088
6531
1698
13
9
7138
2802
31
30
561730
566563
568248
568252
561123
565459
568230
568231
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

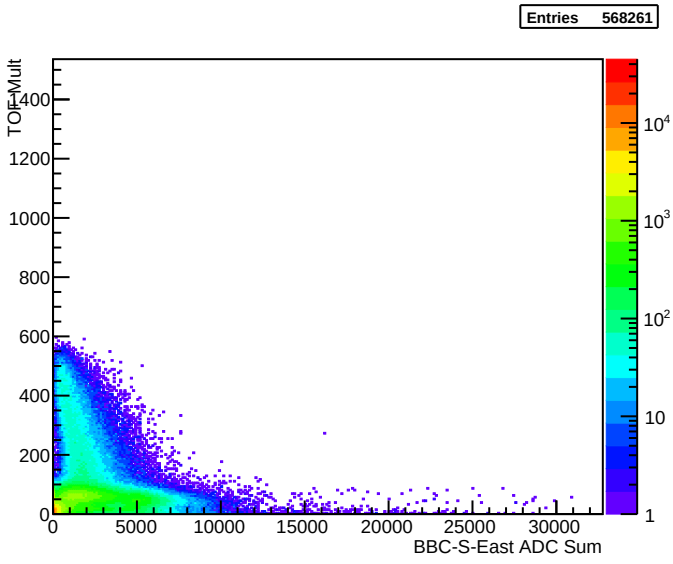

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

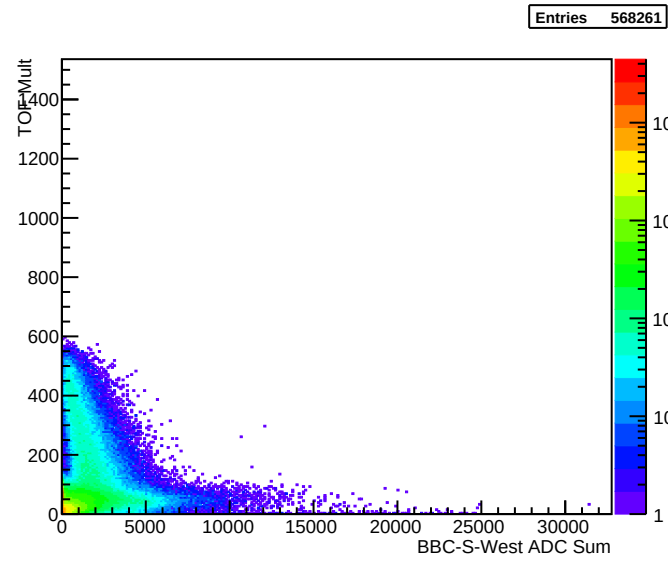

VT201 Input Ch4: VPD Tac Diff
Entries 568261
Tac

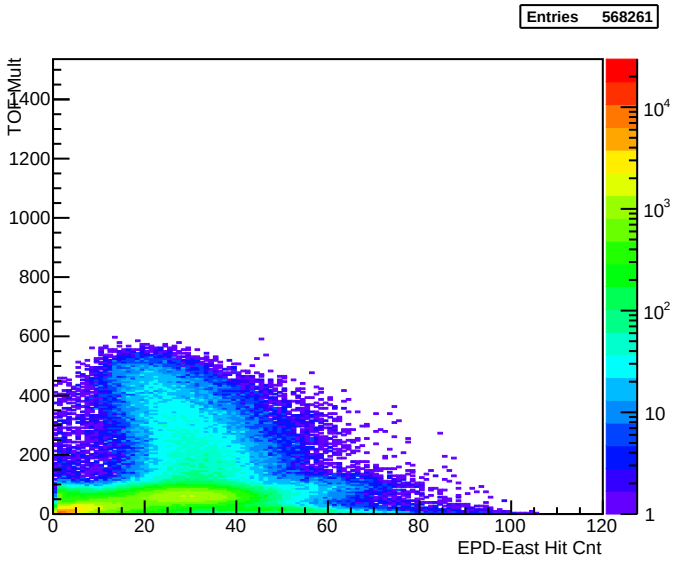

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

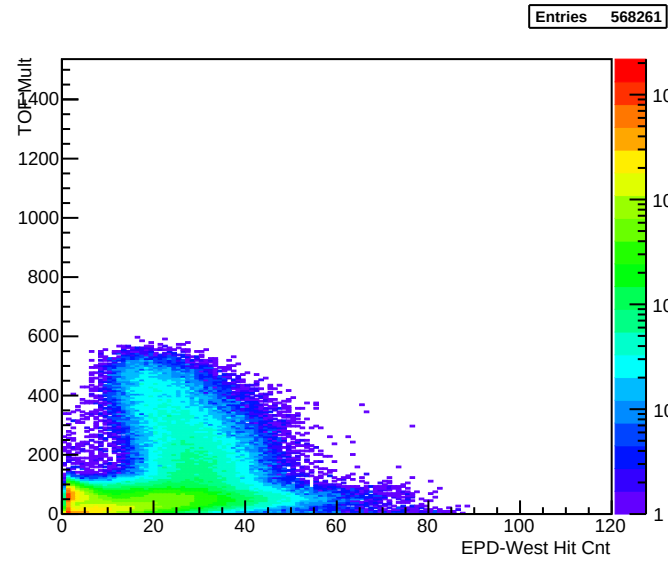

VT201 Input Ch4: VPD Adc Sum Th
Entries 1136522
465946
332473
102315
235788
East
West

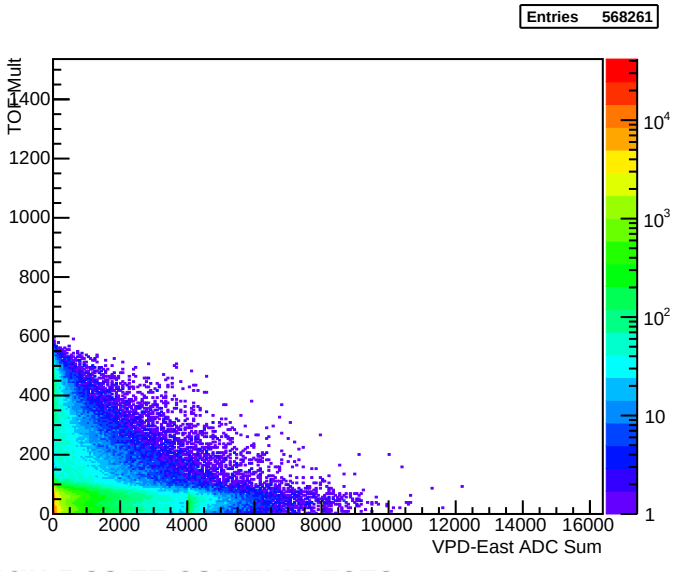

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

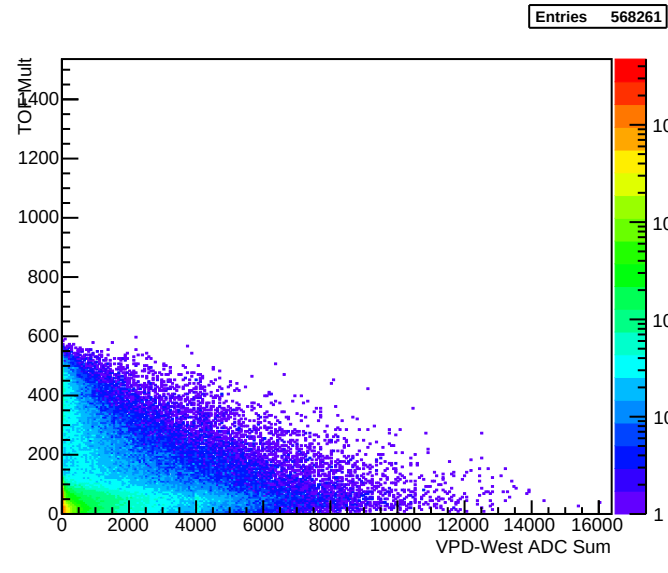

Entries 568261
TOF-Mult
BBC-S-East ADC Sum

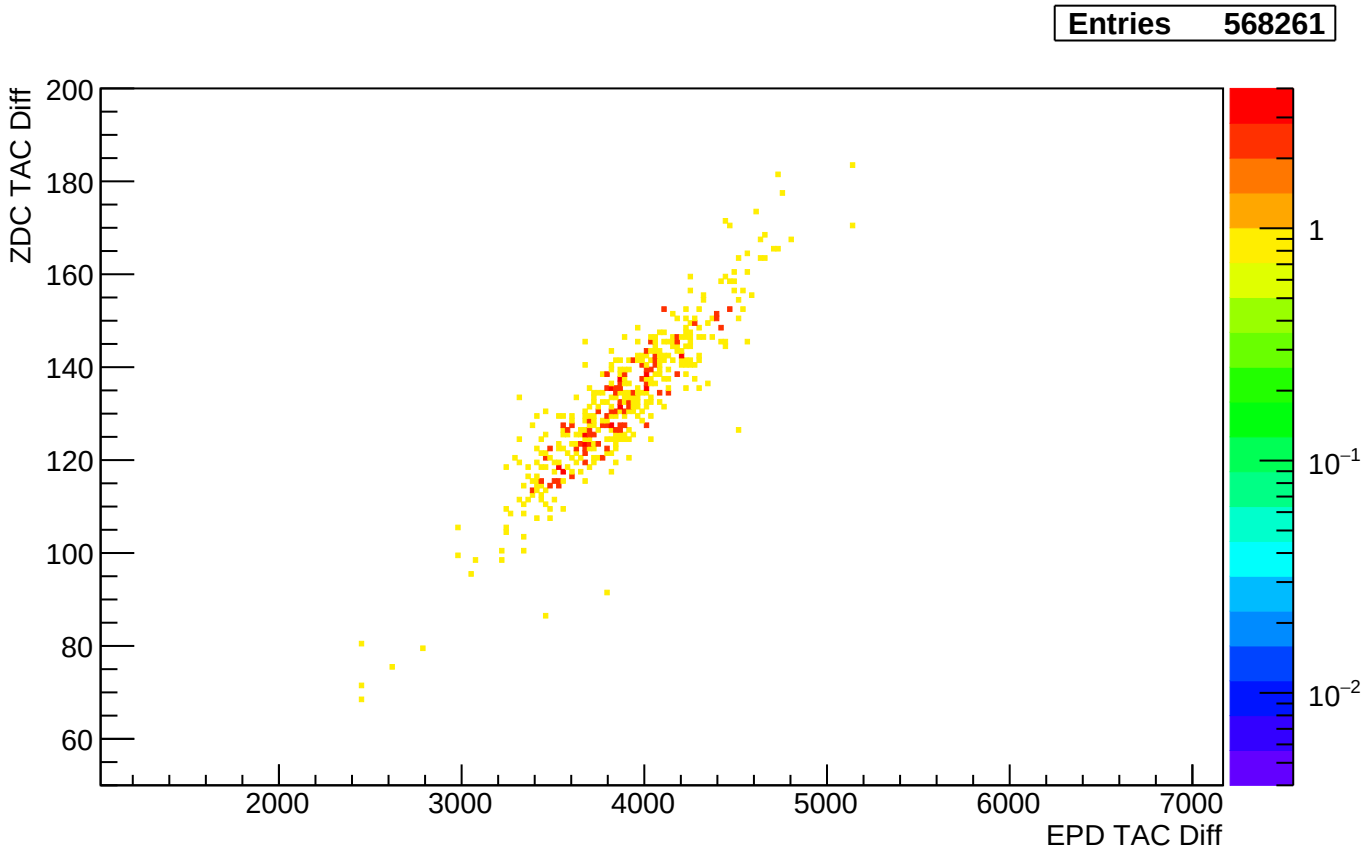

Entries 568261
TOF-Mult
BBC-S-West ADC Sum

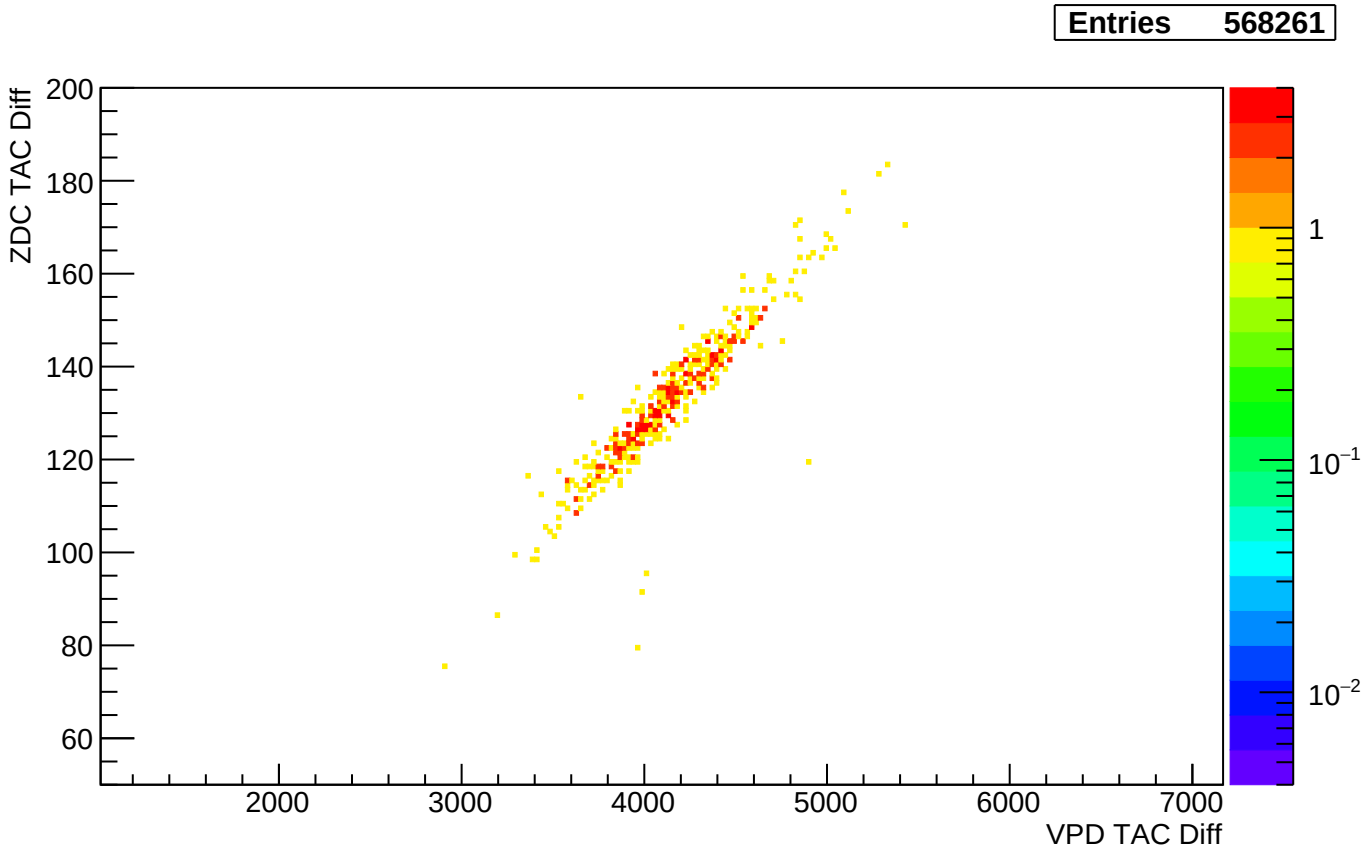

Entries 568261
TOF-Mult
EPD-East Hit Cnt

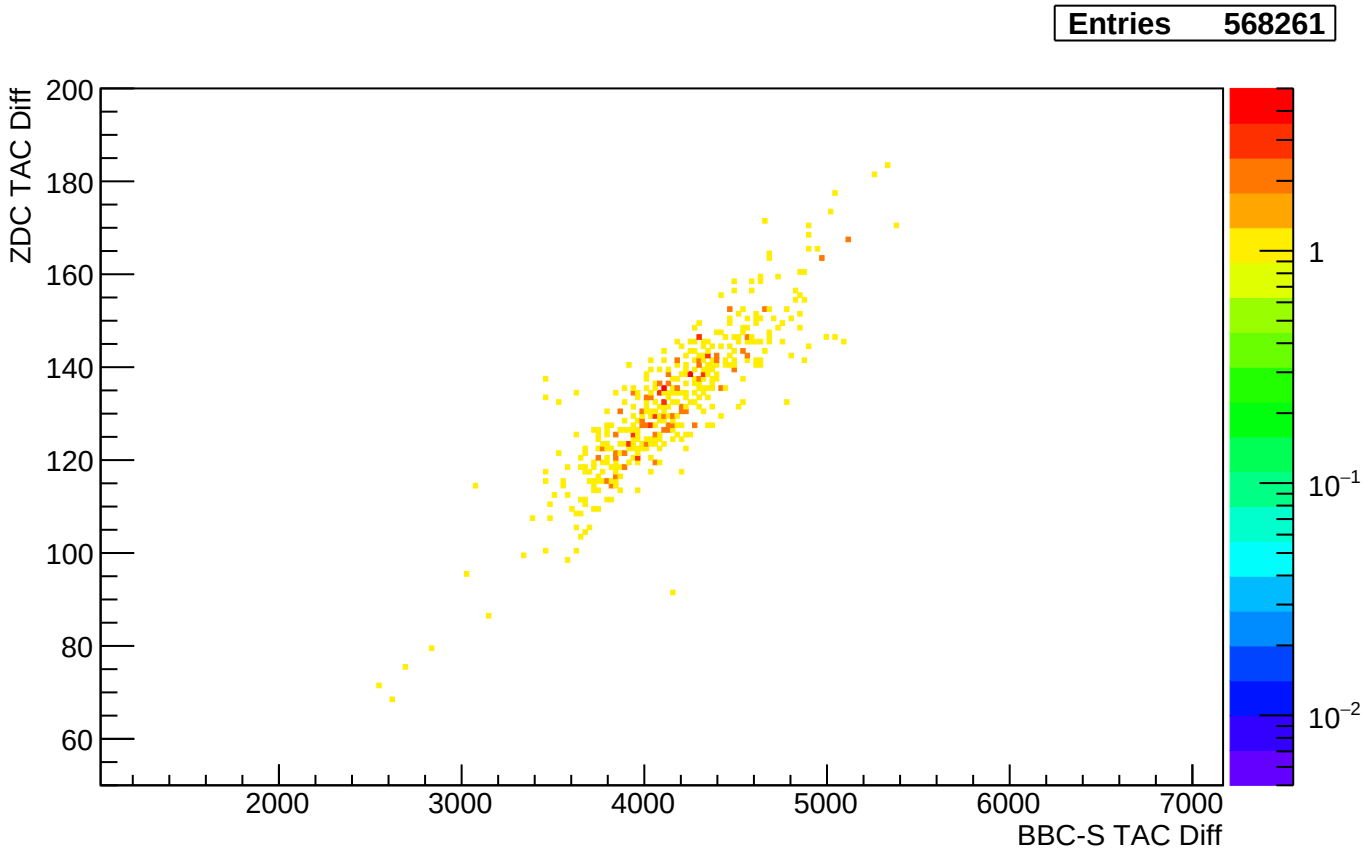

Entries 568261
TOF-Mult
EPD-West Hit Cnt

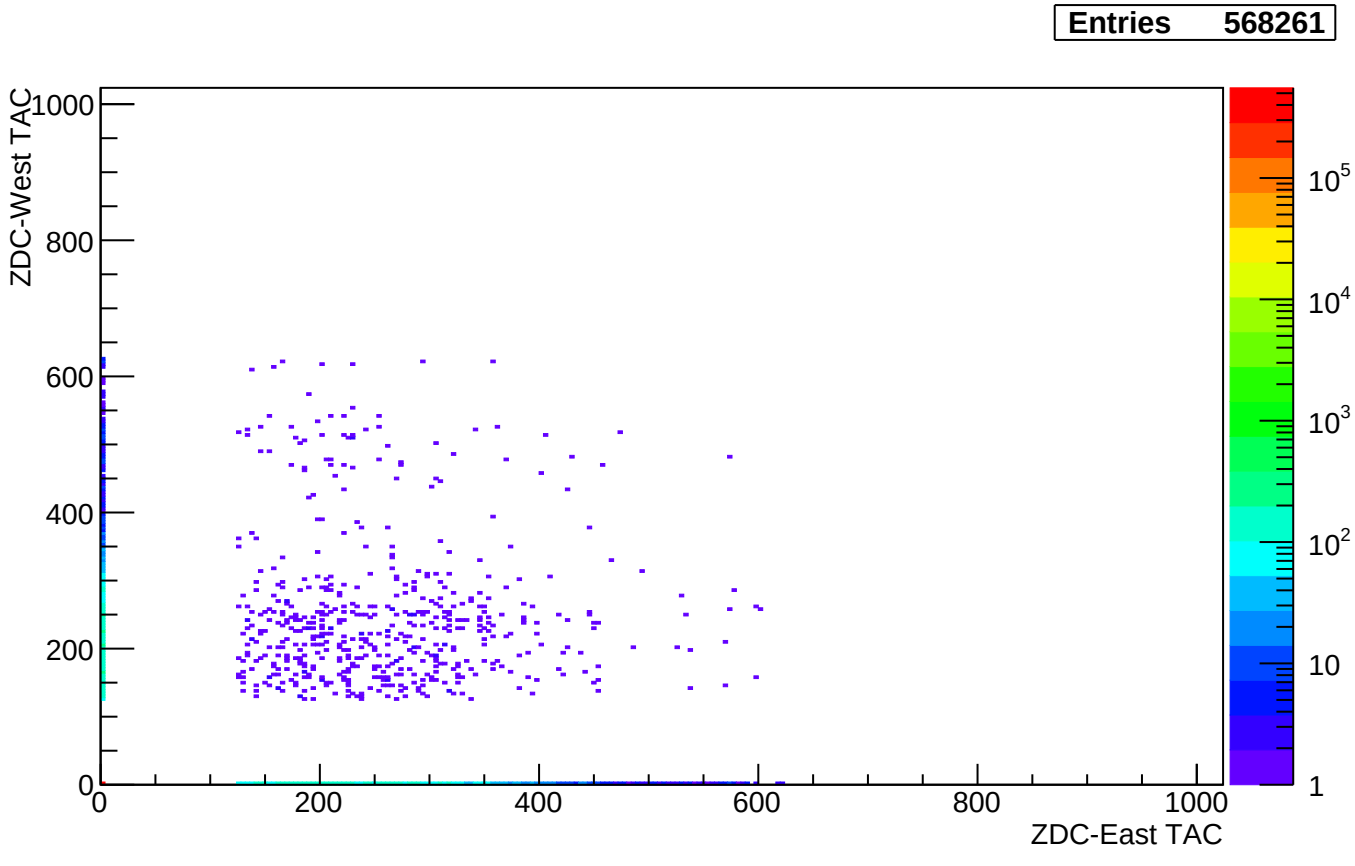

Entries 568261
TOF-Mult
VPD-East ADC Sum

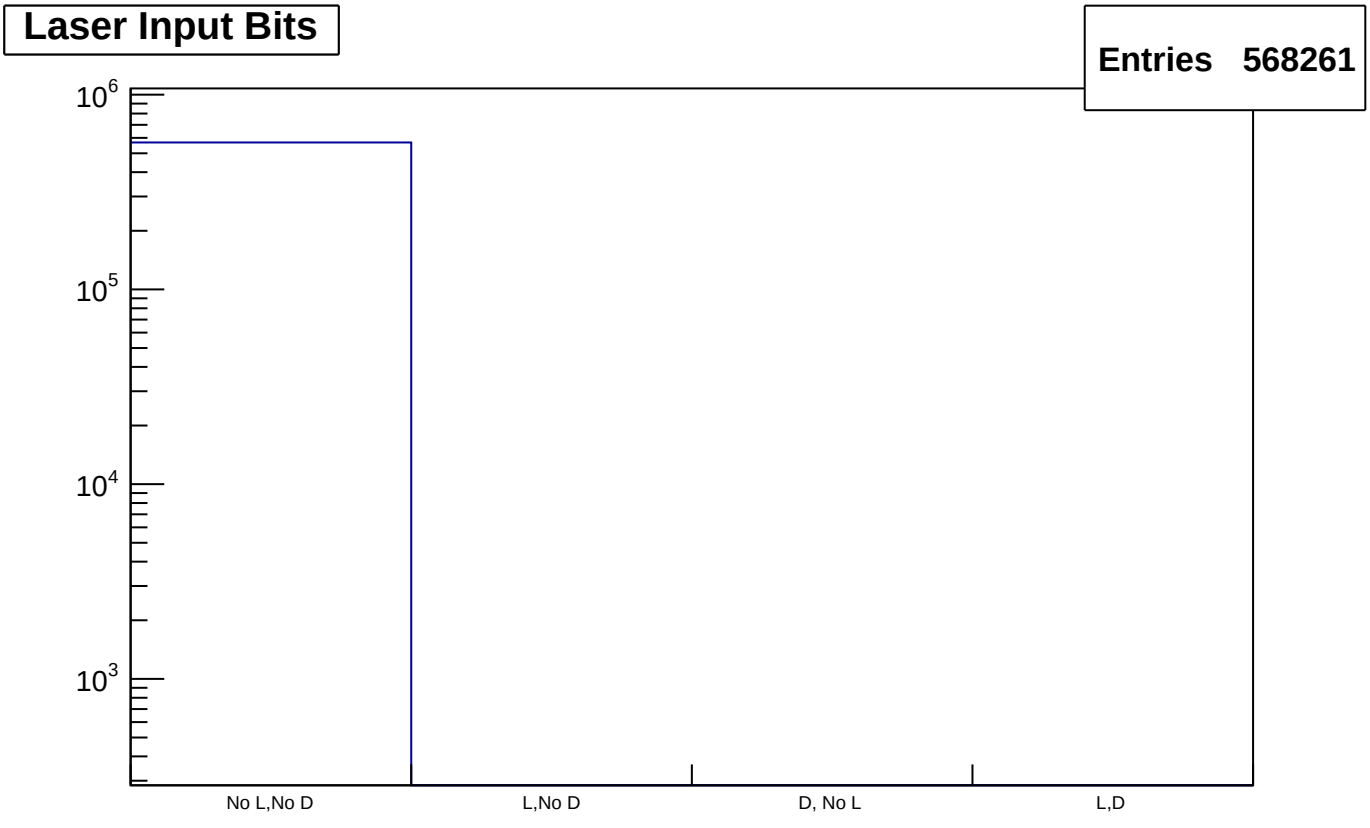

Entries 568261
TOF-Mult
VPD-West ADC Sum

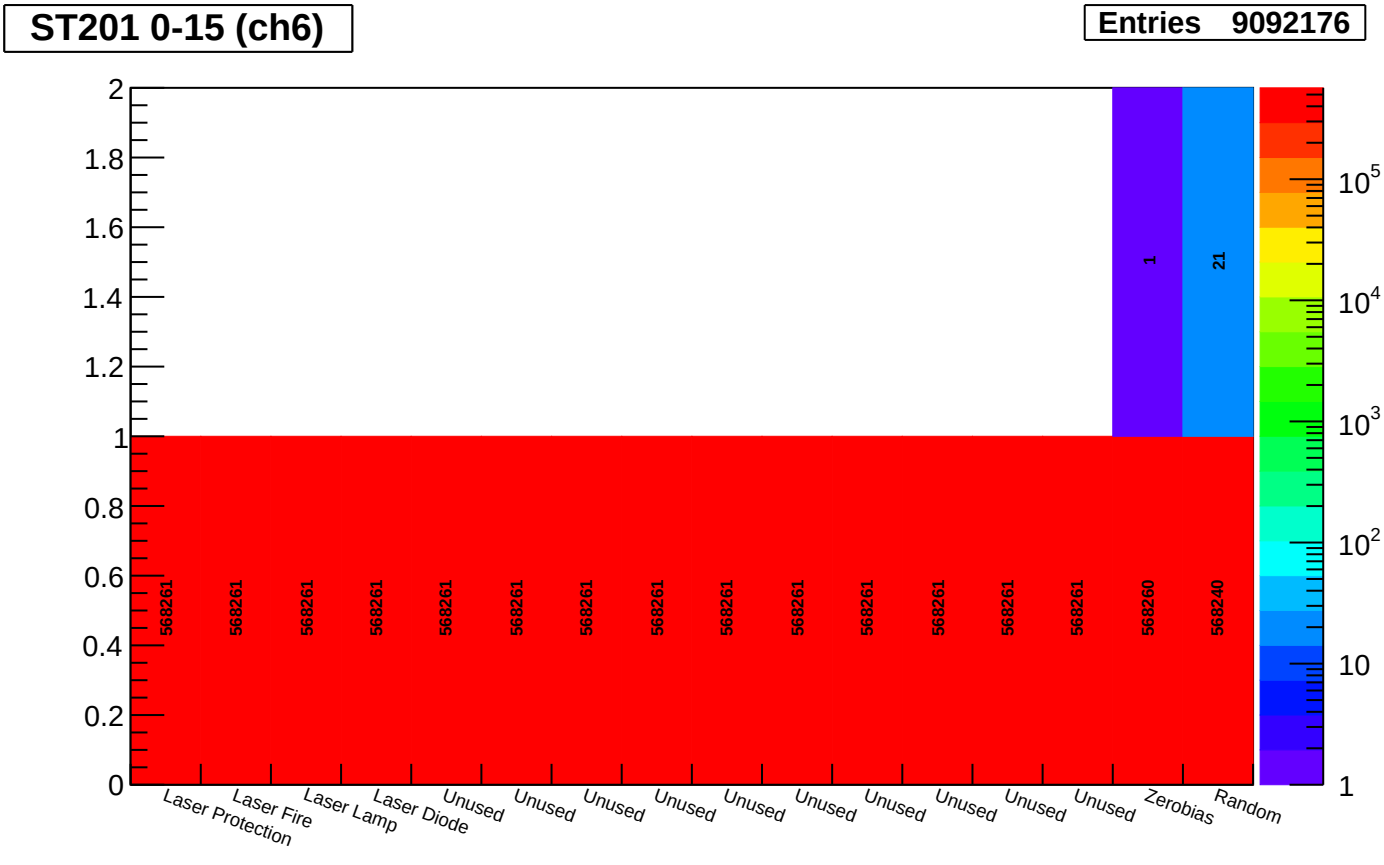

Entries 568261
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

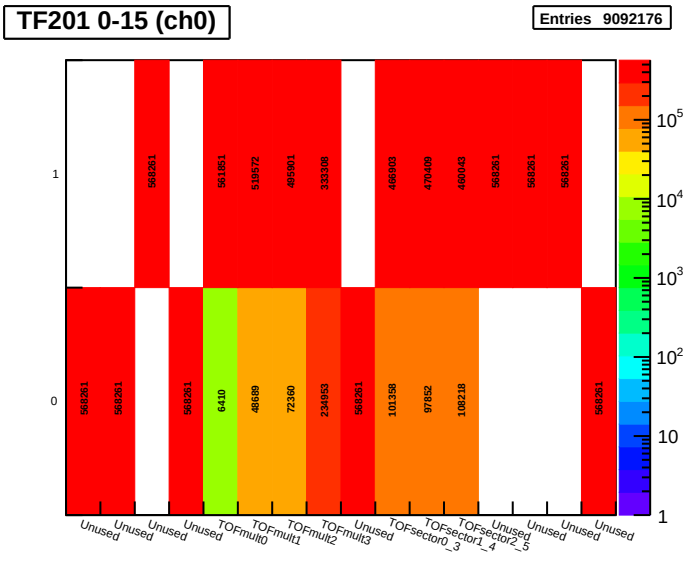

Entries 568261
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

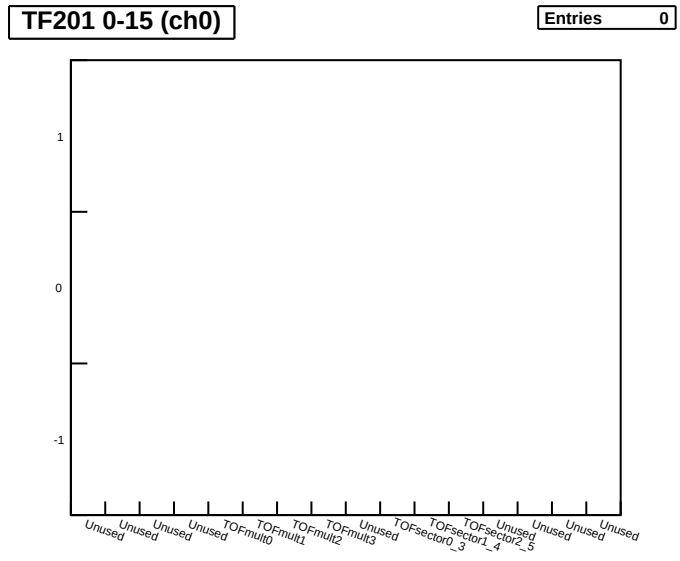

Entries 568261
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

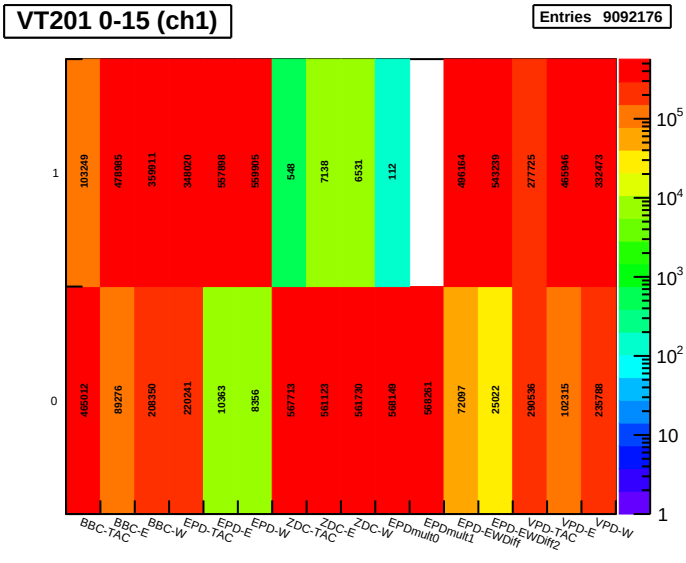

Entries 568261
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

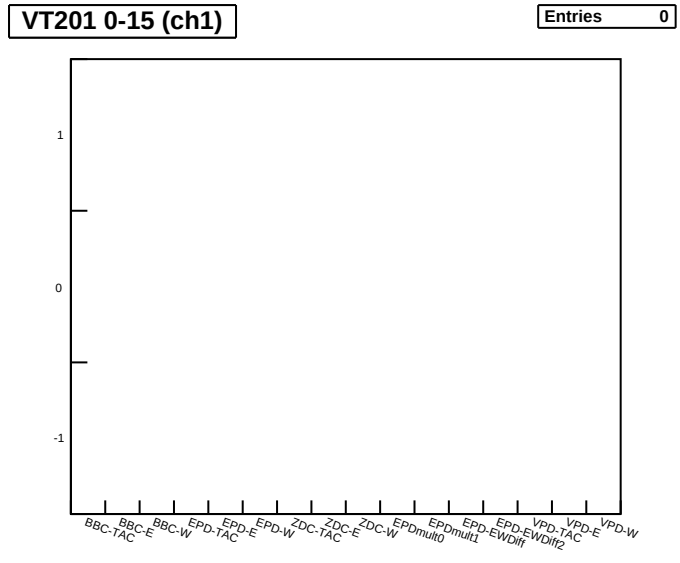

Laser Input Bits
Entries 568261
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

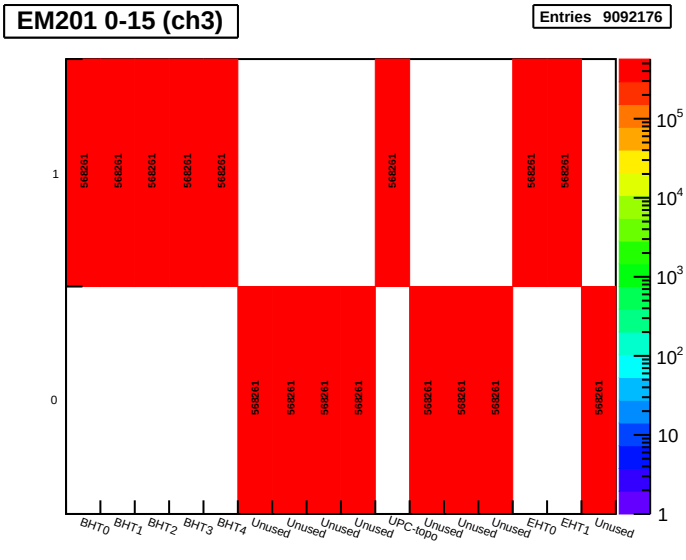

ST201 0-15 (ch6)
Entries 9092176
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
568261
568261
568261
568261
568261
568261
568261
568261
568261
568261
568261
568261
568261
568261
568260
568240
1
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

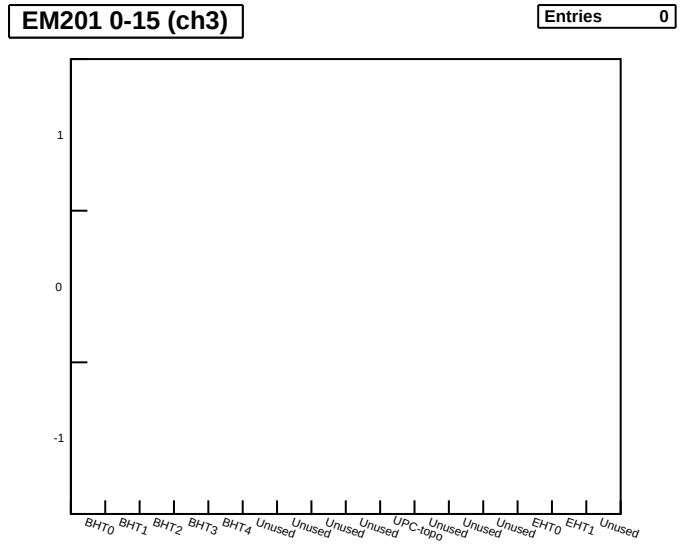

TF201 0-15 (ch0)
Entries 9092176
1
0
568261 561851 519572 495901 333308 466903 470409 460043 568261 568261 568261
568261 568261 568261 6410 49689 72360 234953 568261 101358 97852 108218 568261
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 9092176
1
0
103249 478985 359911 348020 557898 559905 548 7138 6531 112 496164 543239 277725 465946 332473
465012 89276 208350 220241 10363 8356 567713 561123 561730 568149 568261 72097 25022 290536 102315 235788
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 9092176
1
0
568261 568261 568261 568261 568261 568261 568261
568261 568261 568261 568261 568261 568261 568261 568261
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