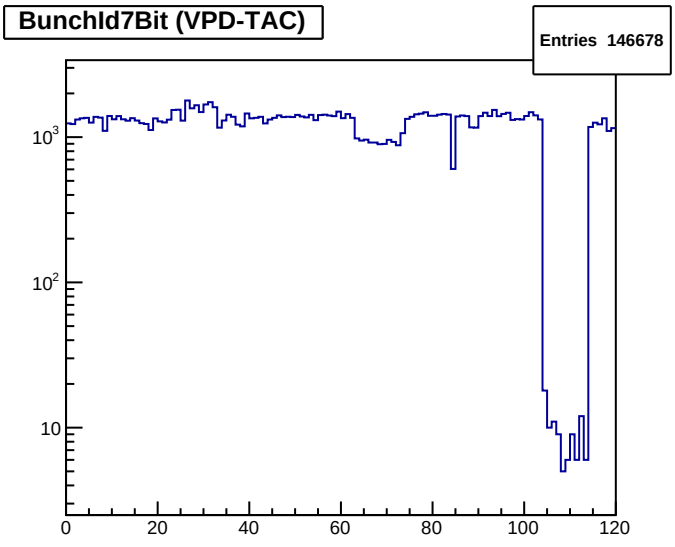
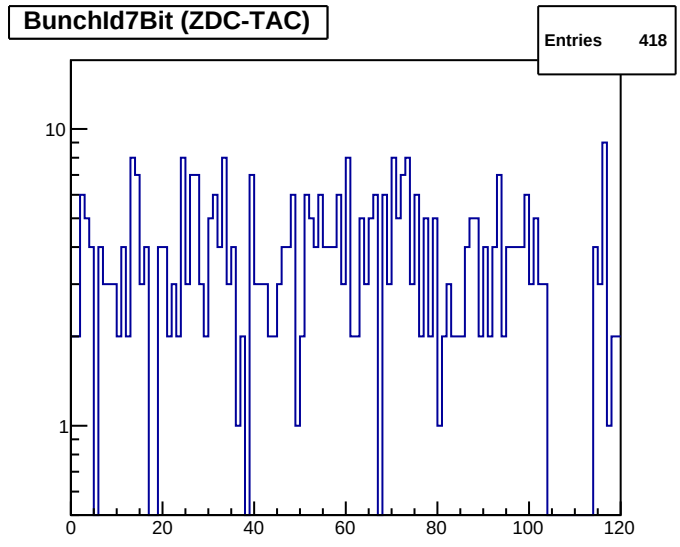
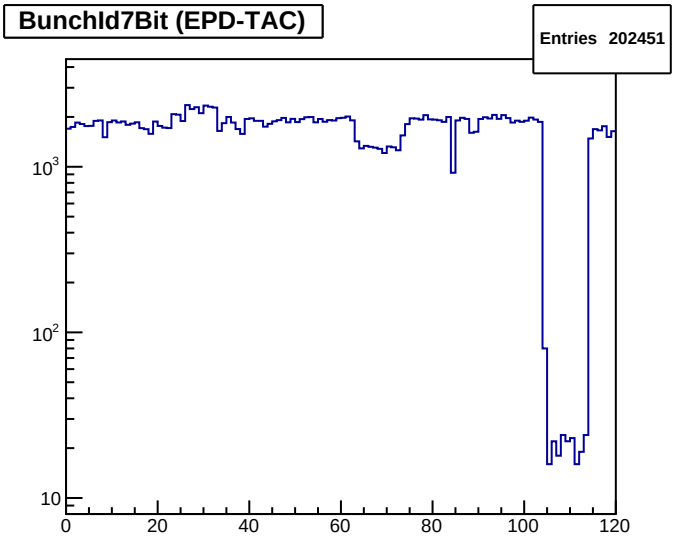
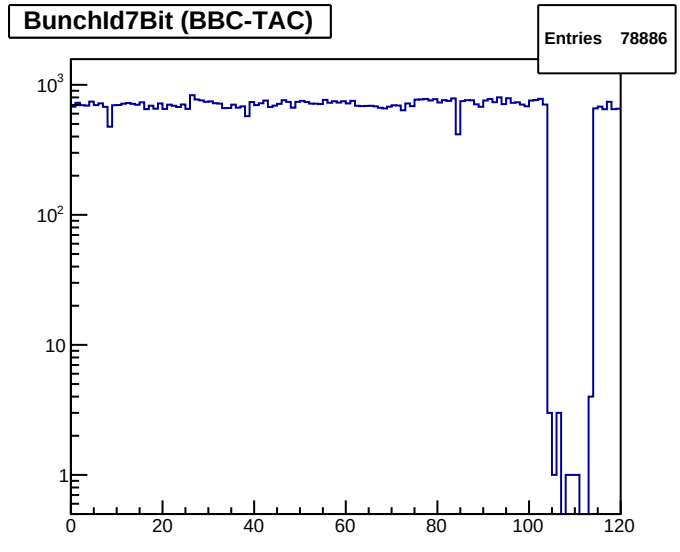
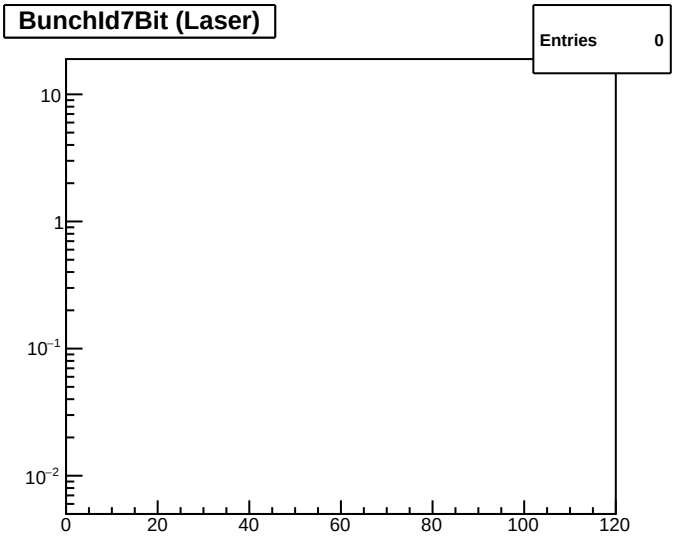
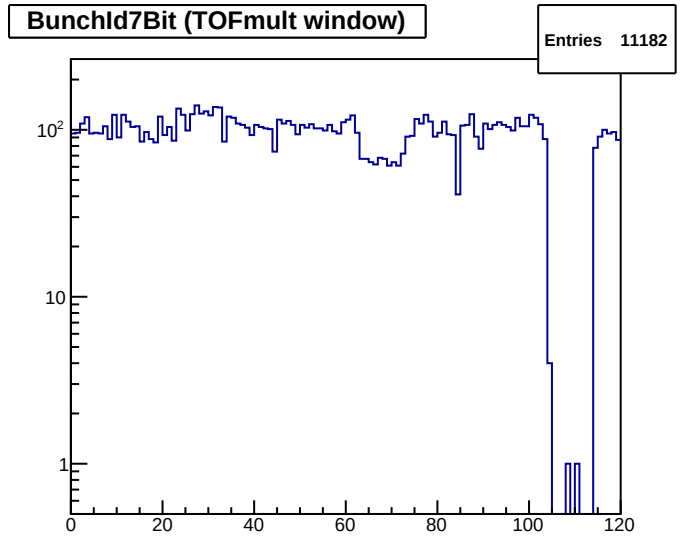

BunchId7Bit (VPD-TAC)
Entries 146678

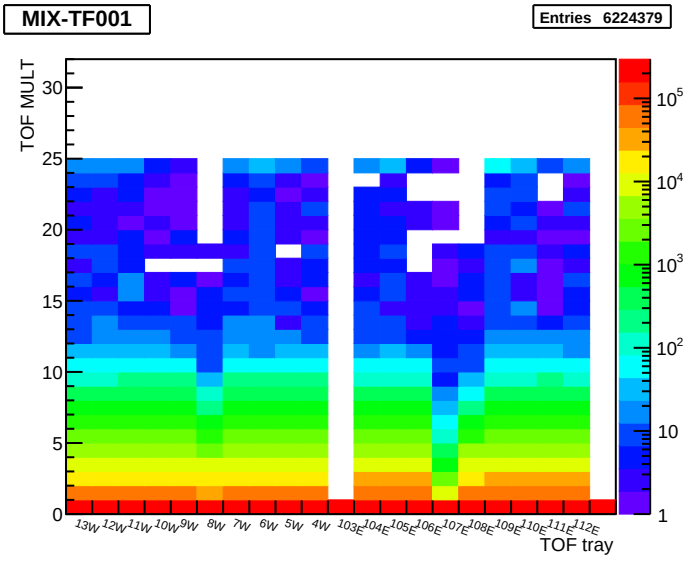

BunchId7Bit (ZDC-TAC)
Entries 418

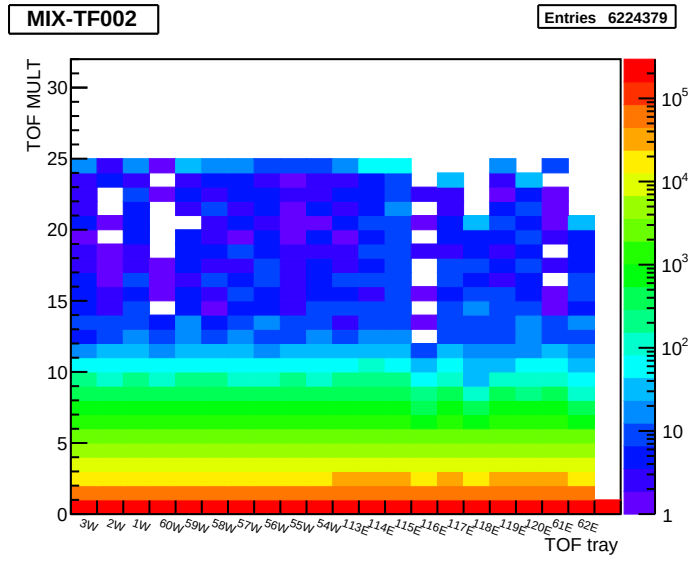

BunchId7Bit (EPD-TAC)
Entries 202451

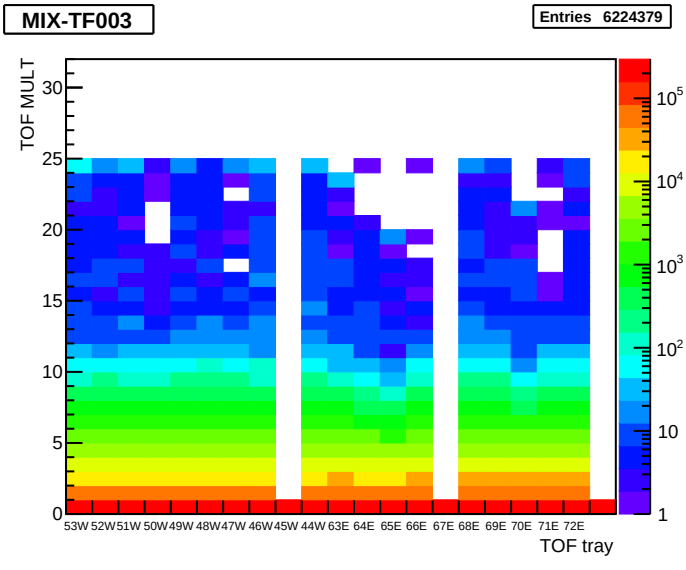

BunchId7Bit (BBC-TAC)
Entries 78886

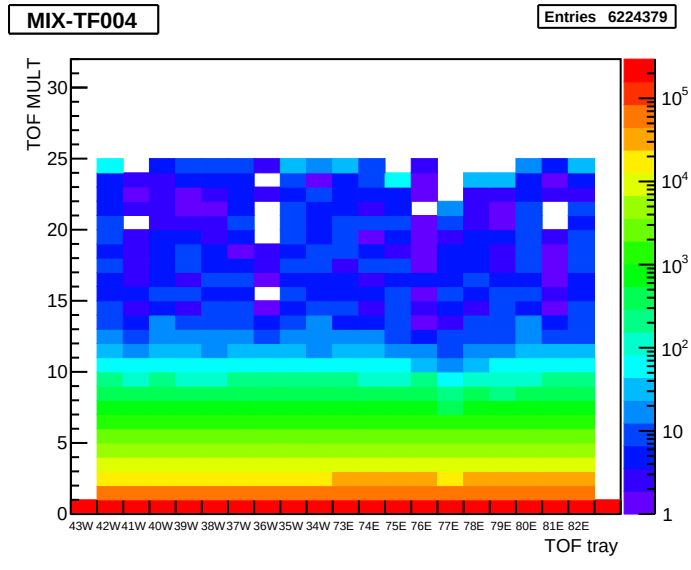

BunchId7Bit (Laser)
Entries 0

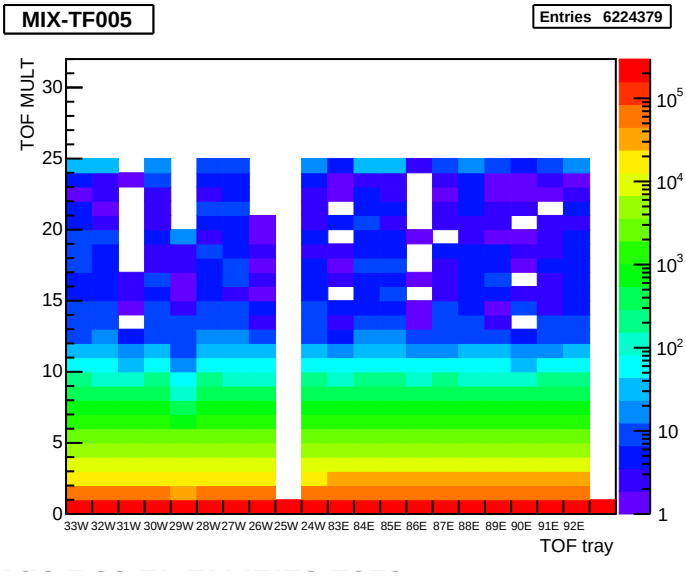

BunchId7Bit (TOFmult window)
Entries 11182

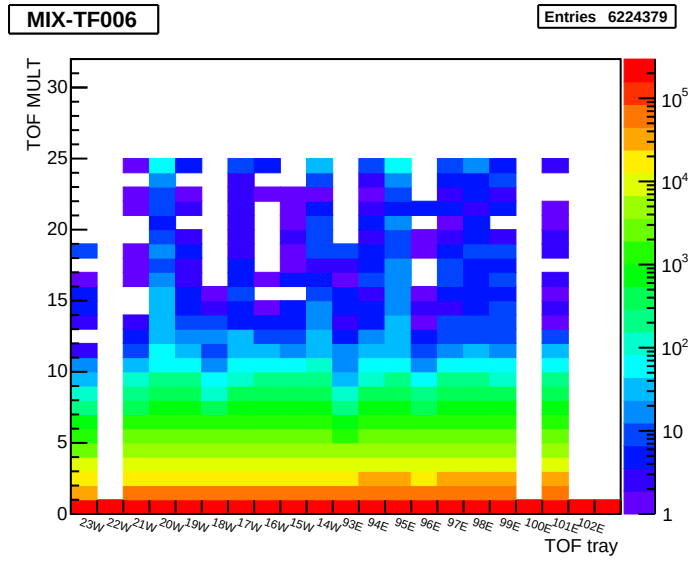

MIX-TF001
Entries 6224379
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

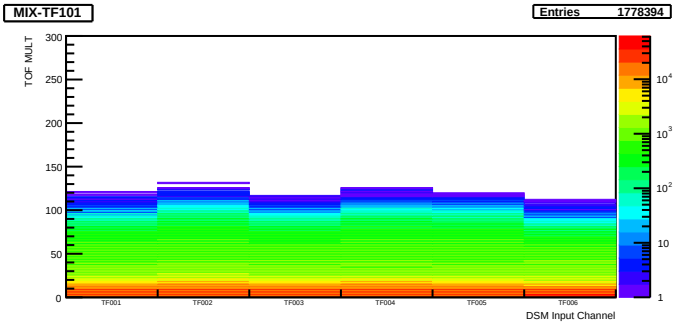

MIX-TF002
Entries 6224379
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

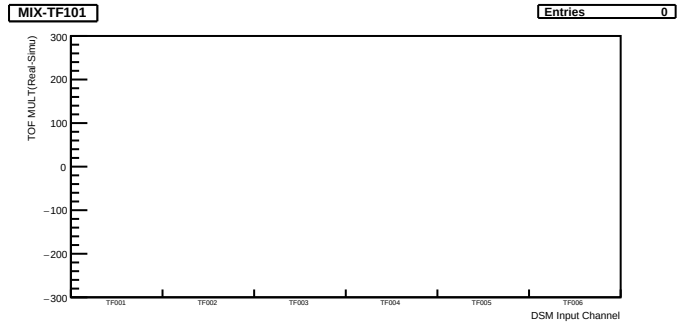

MIX-TF003
Entries 6224379
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

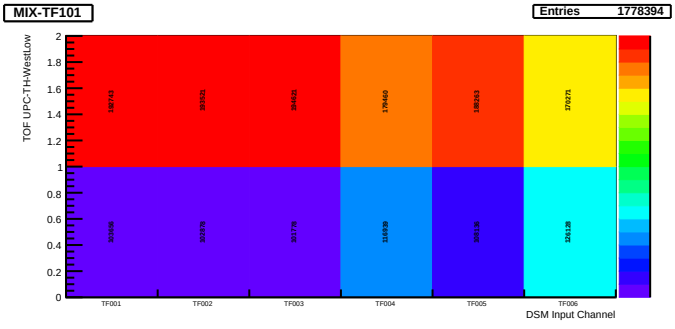

MIX-TF004
Entries 6224379
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

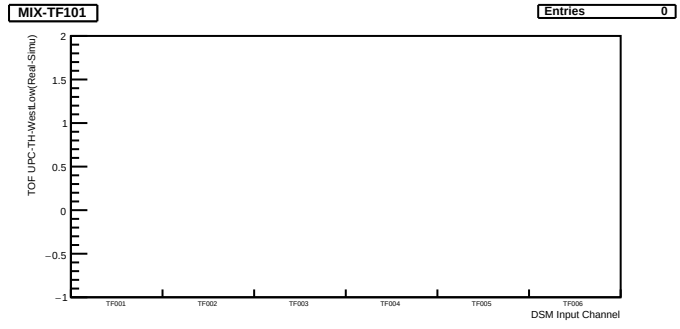

MIX-TF005
Entries 6224379
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

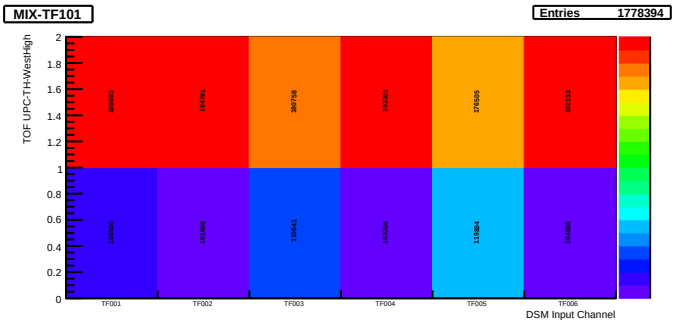

MIX-TF006
Entries 6224379
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

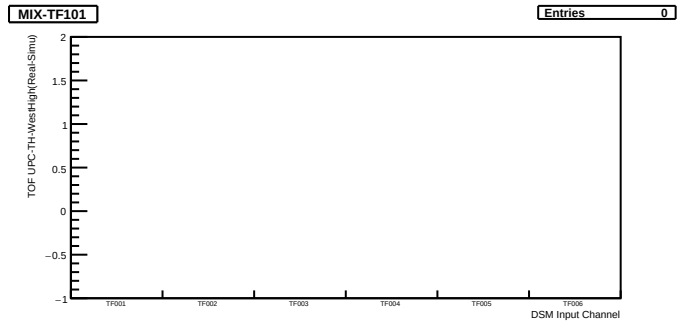

MIX-TF101
Entries 1778394
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

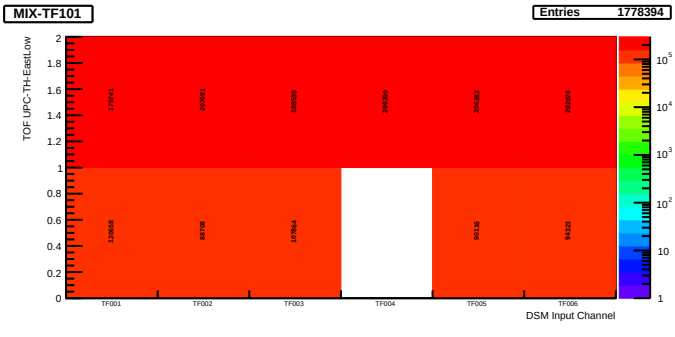

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

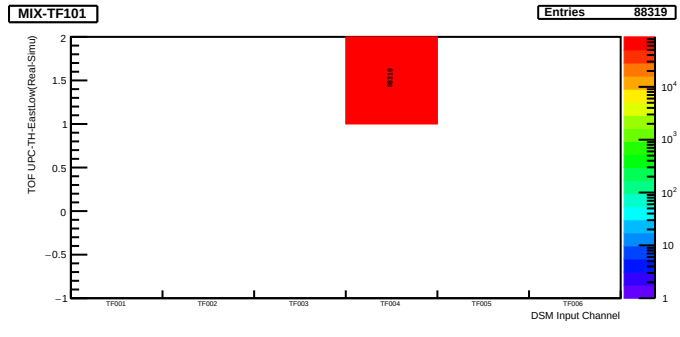

MIX-TF101
Entries 1778394
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

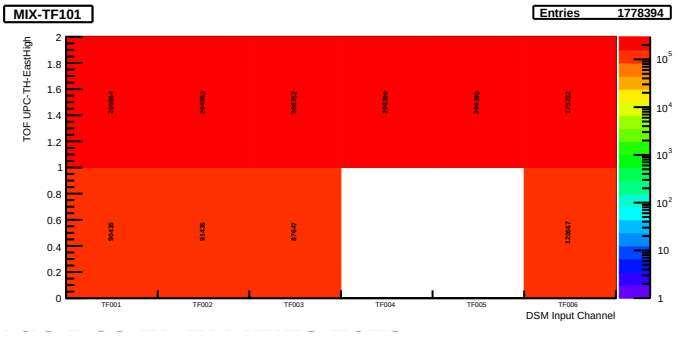

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

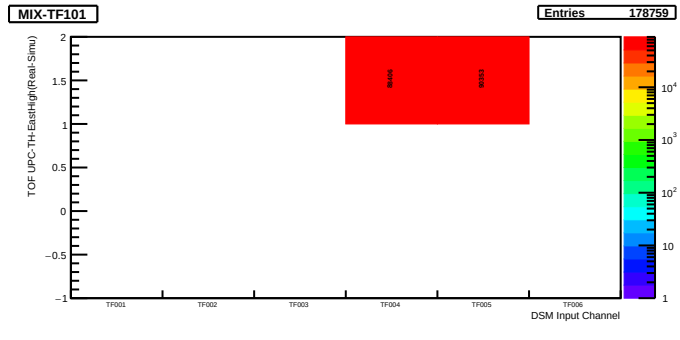

MIX-TF101
Entries 1778394
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

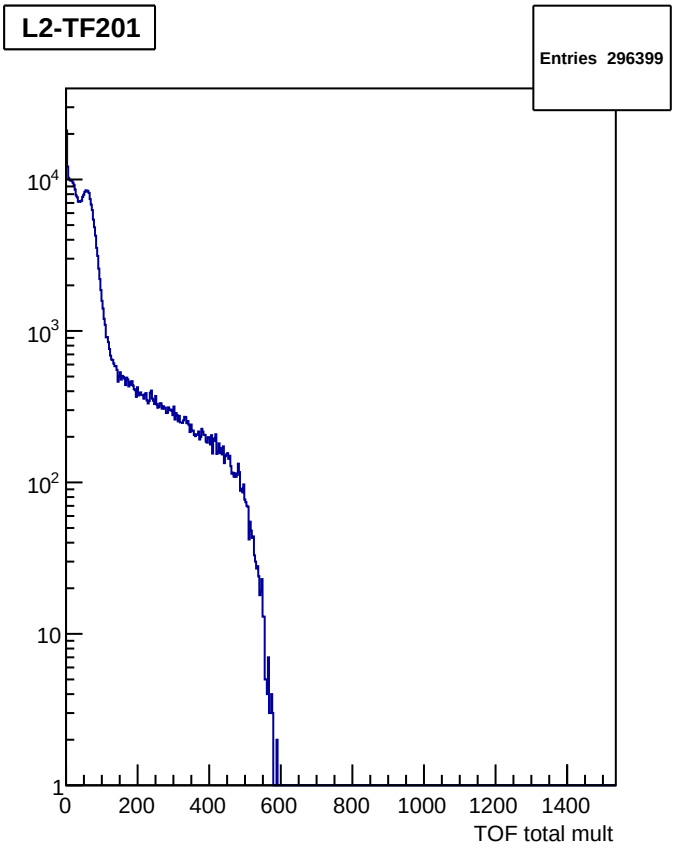

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

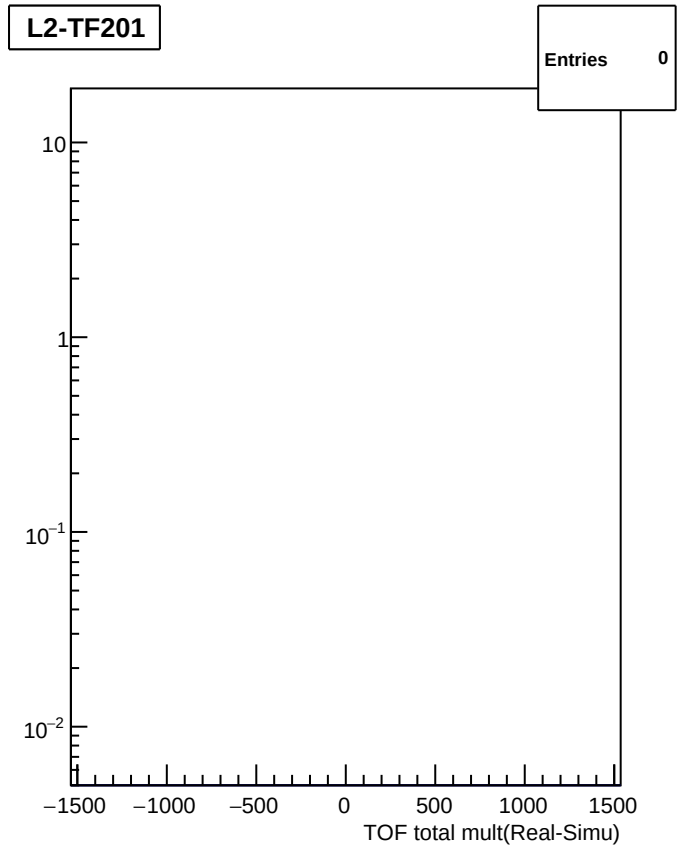

MIX-TF101
Entries 1778394
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

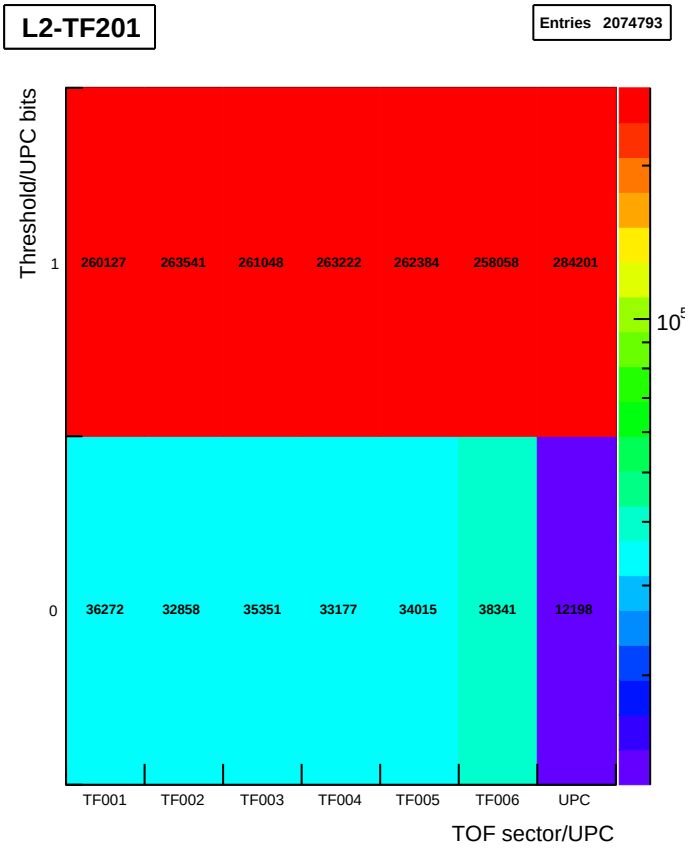

MIX-TF101
Entries 88319
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

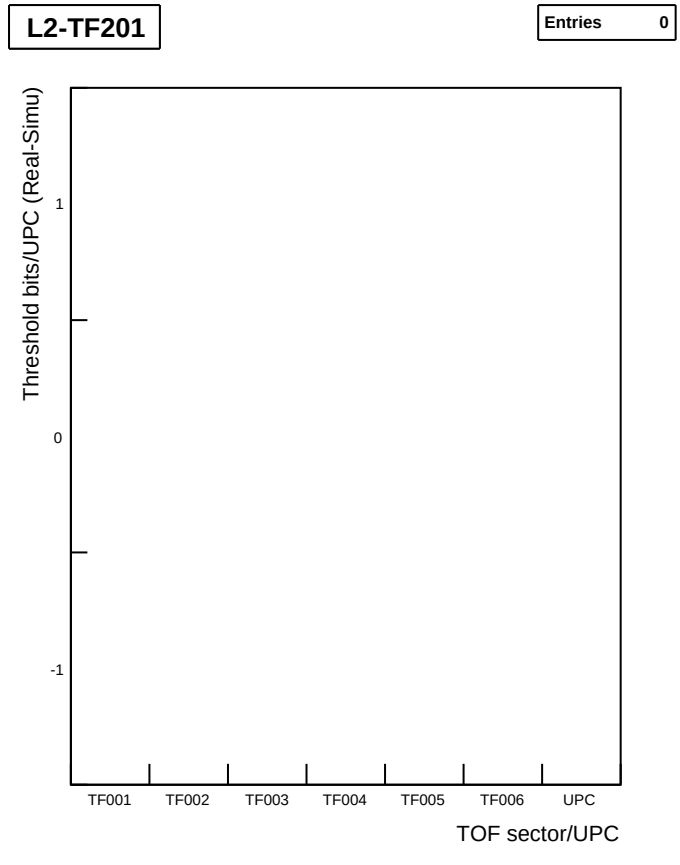

MIX-TF101
Entries 1778394
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

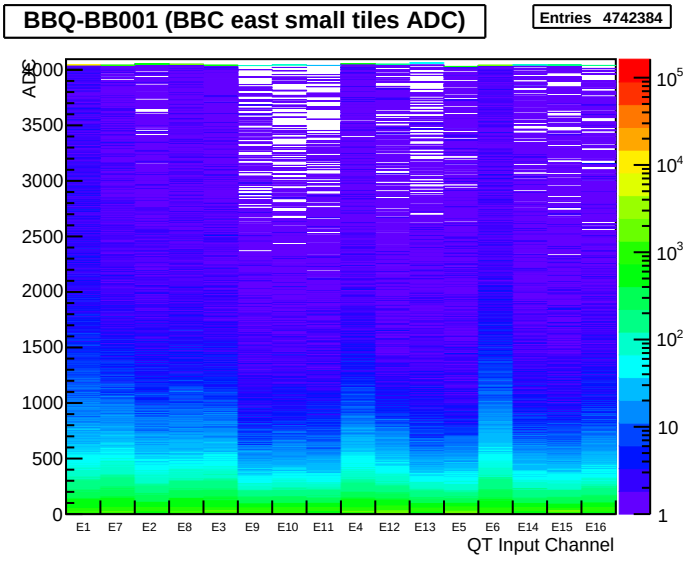

MIX-TF101
Entries 178759
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

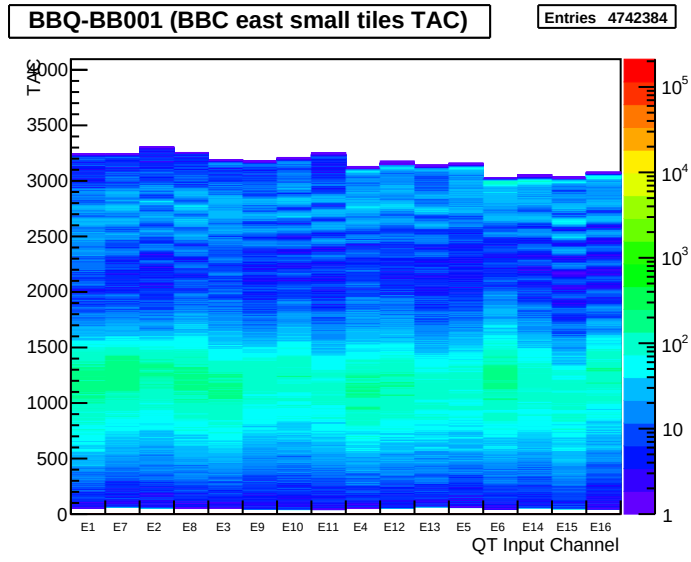

L2-TF201
Entries 296399
TOF total mult

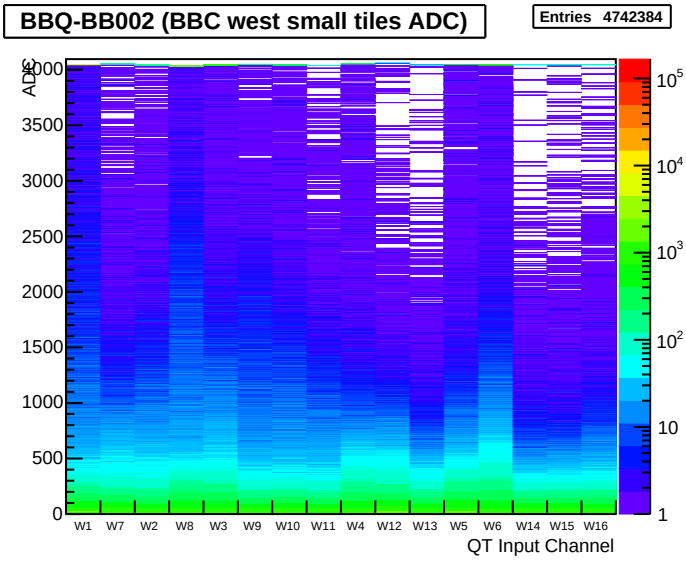

L2-TF201
Entries 0
TOF total mult(Real-Simu)

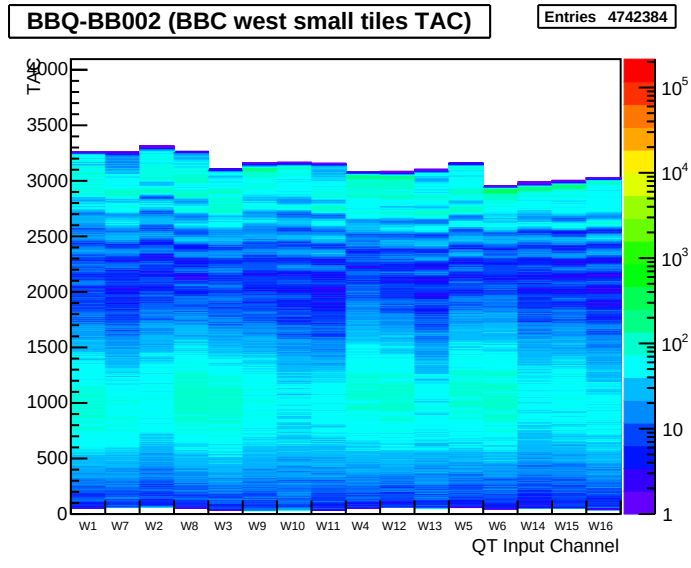

L2-TF201
Entries 2074793
Threshold/UPC bits
260127
263541
261048
263222
262384
258058
284201
36272
32858
35351
33177
34015
38341
12198
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

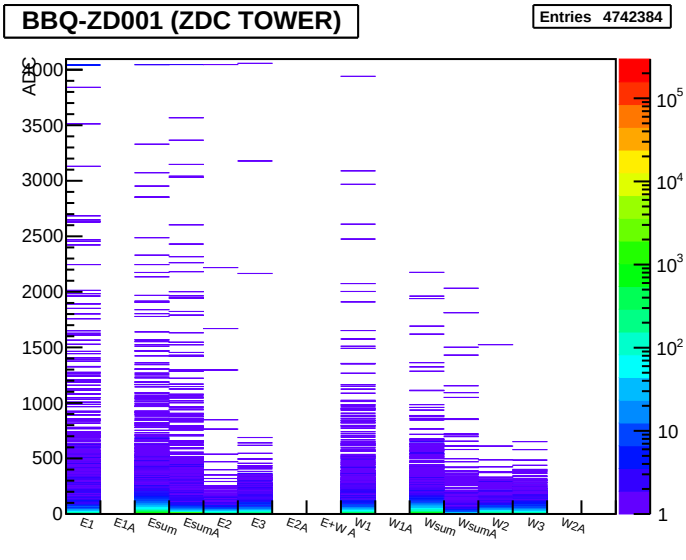

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

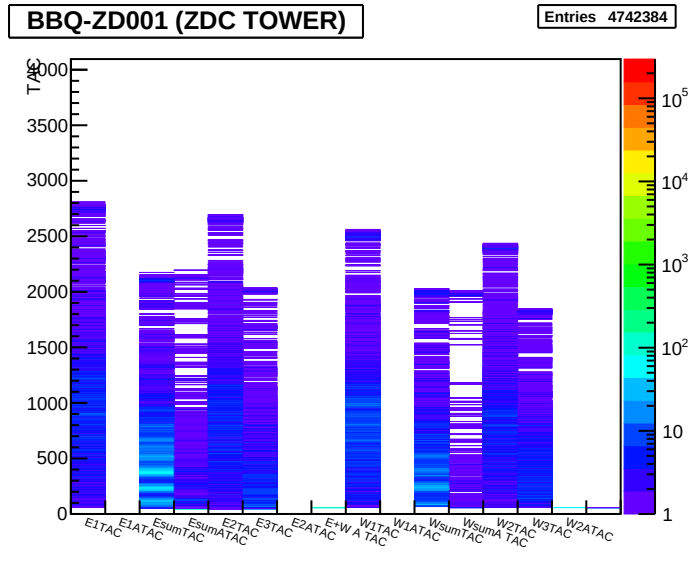

BBQ-BB001 (BBC east small tiles ADC)
Entries 4742384
ADC
QT Input Channel

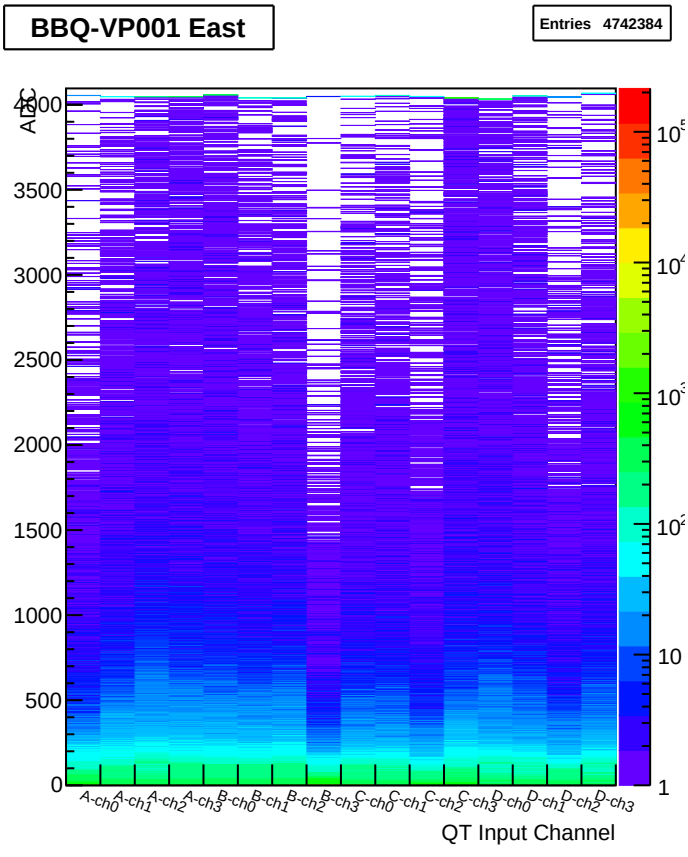

BBQ-BB001 (BBC east small tiles TAC)
Entries 4742384
TAC
QT Input Channel

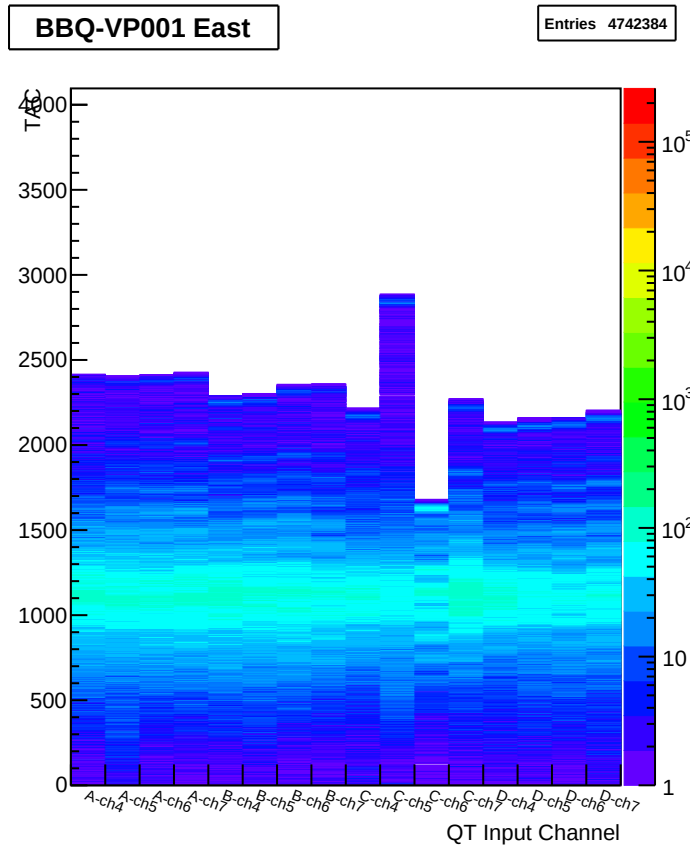

BBQ-BB002 (BBC west small tiles ADC)
Entries 4742384
ADC
QT Input Channel

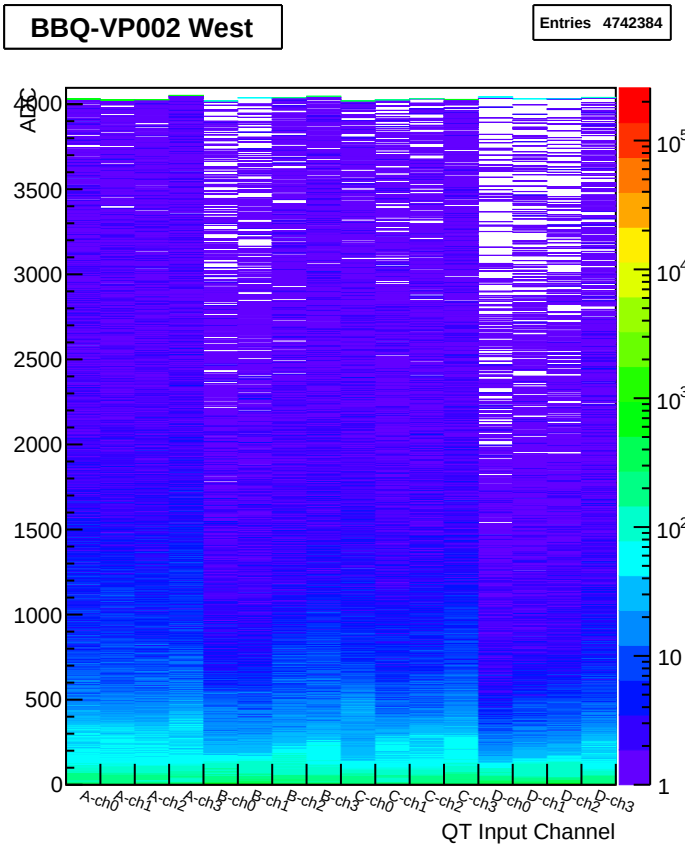

BBQ-BB002 (BBC west small tiles TAC)
Entries 4742384
TAC
QT Input Channel

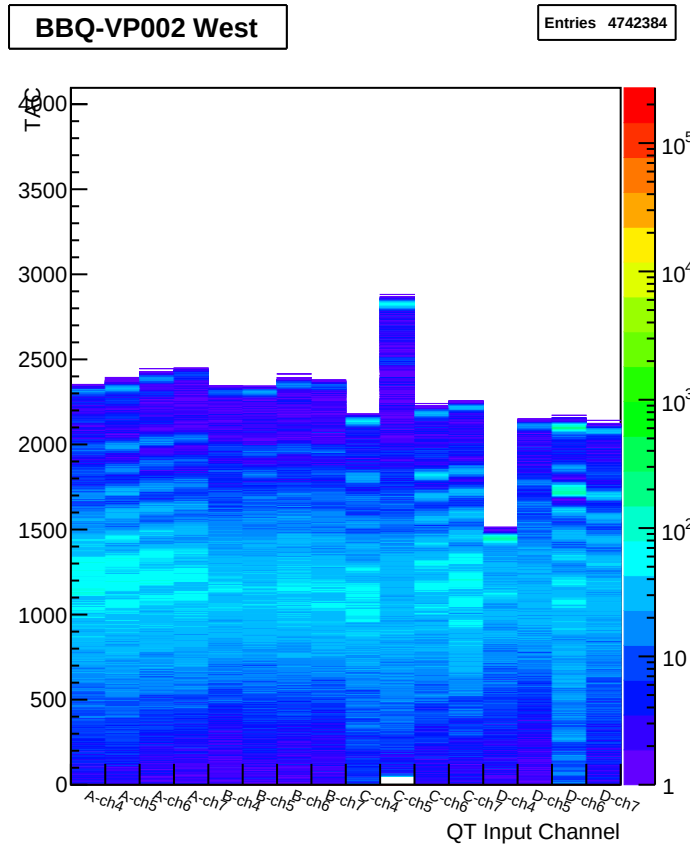

BBQ-ZD001 (ZDC TOWER)
Entries 4742384
ADC

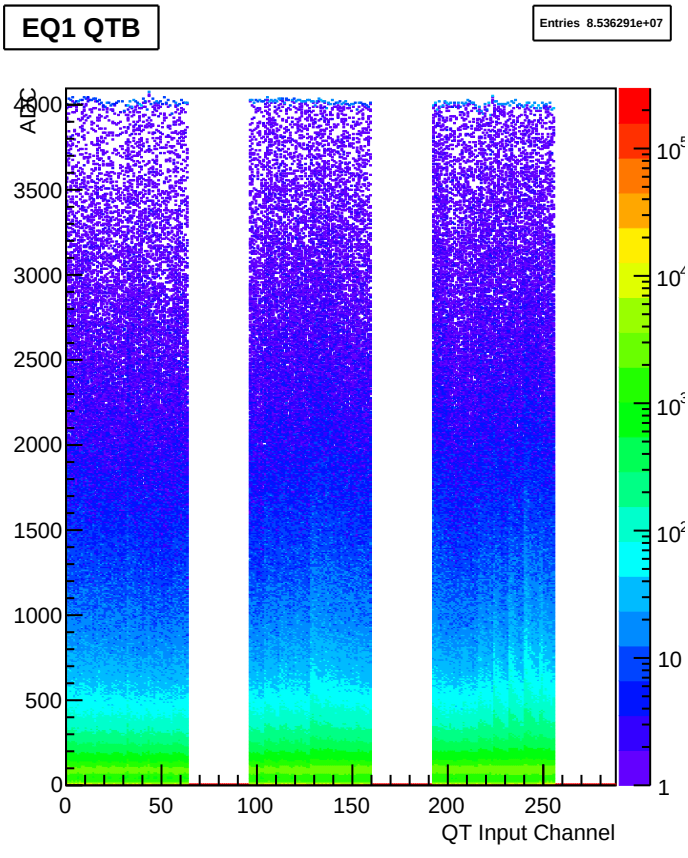

BBQ-ZD001 (ZDC TOWER)
Entries 4742384
TAC

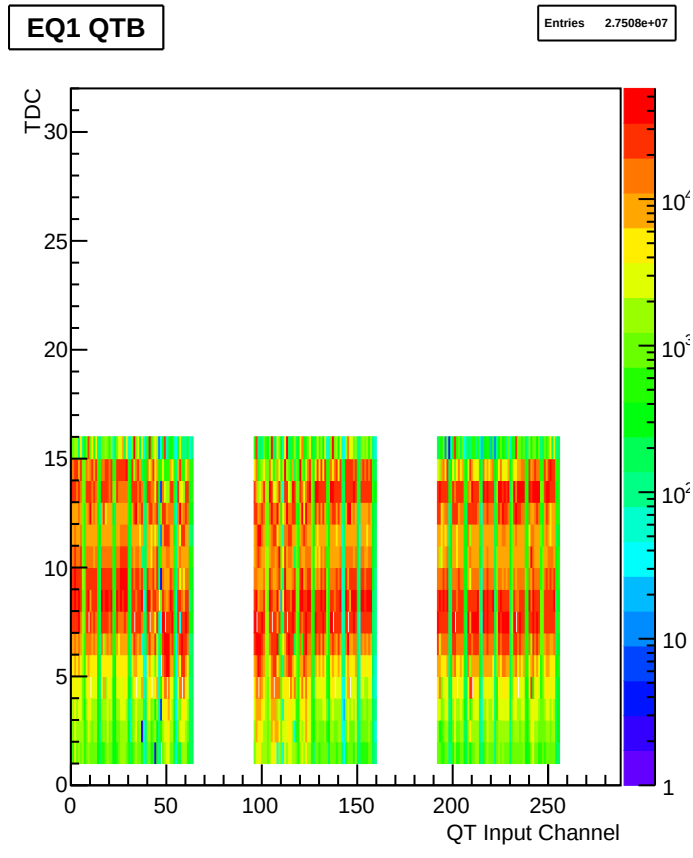

BBQ-VP001 East
Entries 4742384
ADC
QT Input Channel

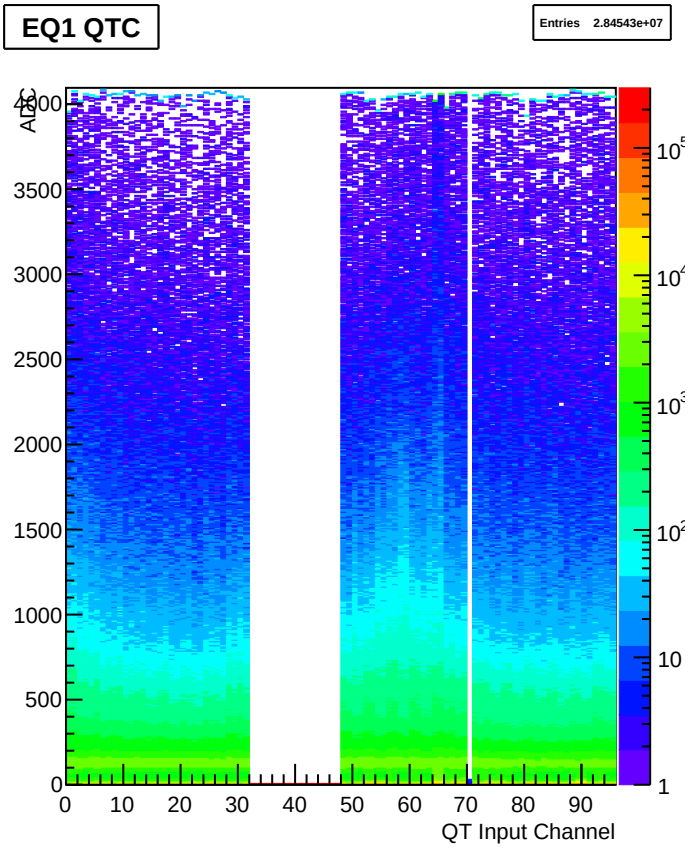

BBQ-VP001 East
Entries 4742384
TADC
QT Input Channel

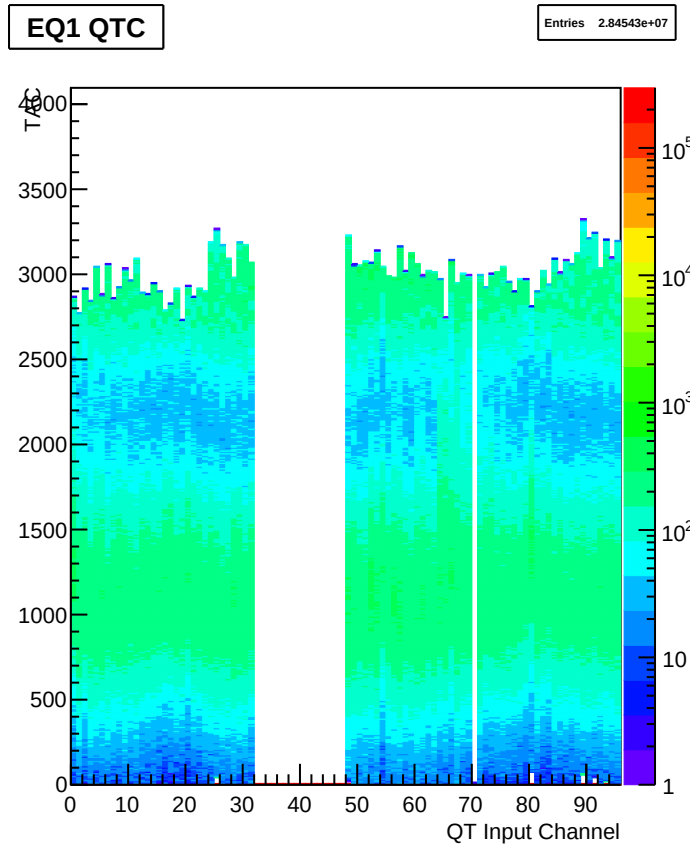

BBQ-VP002 West
Entries 4742384
ADC
QT Input Channel

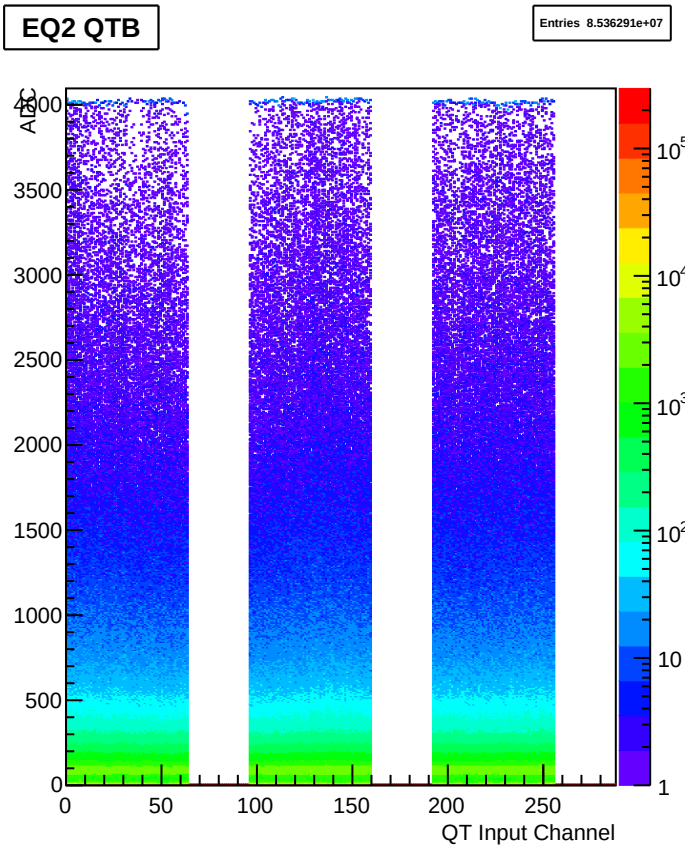

BBQ-VP002 West
Entries 4742384
TADC
QT Input Channel

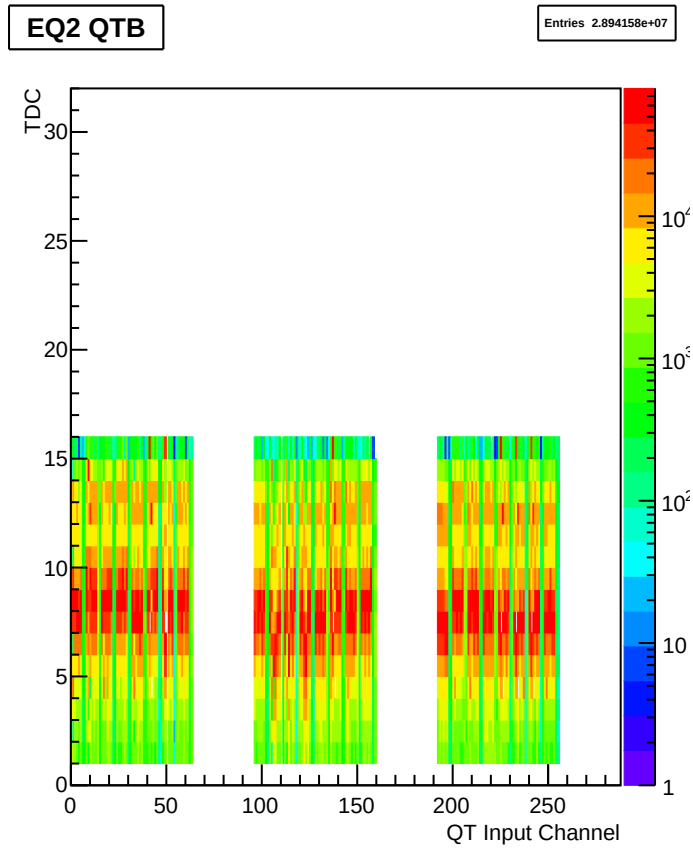

EQ1 QTB
Entries 8.536291e+07
ADC
QT Input Channel

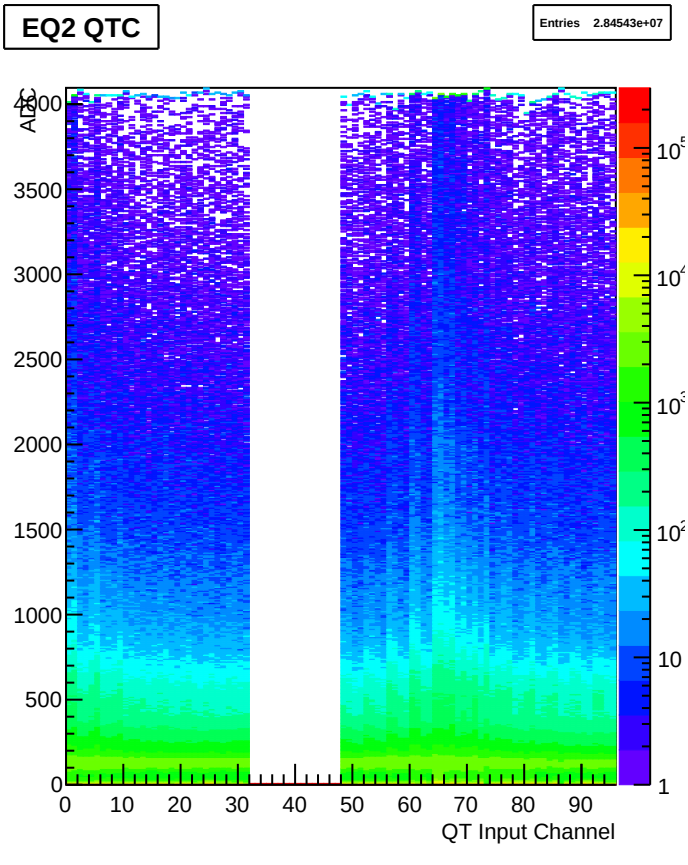

EQ1 QTB
Entries 2.7508e+07
TDC
QT Input Channel

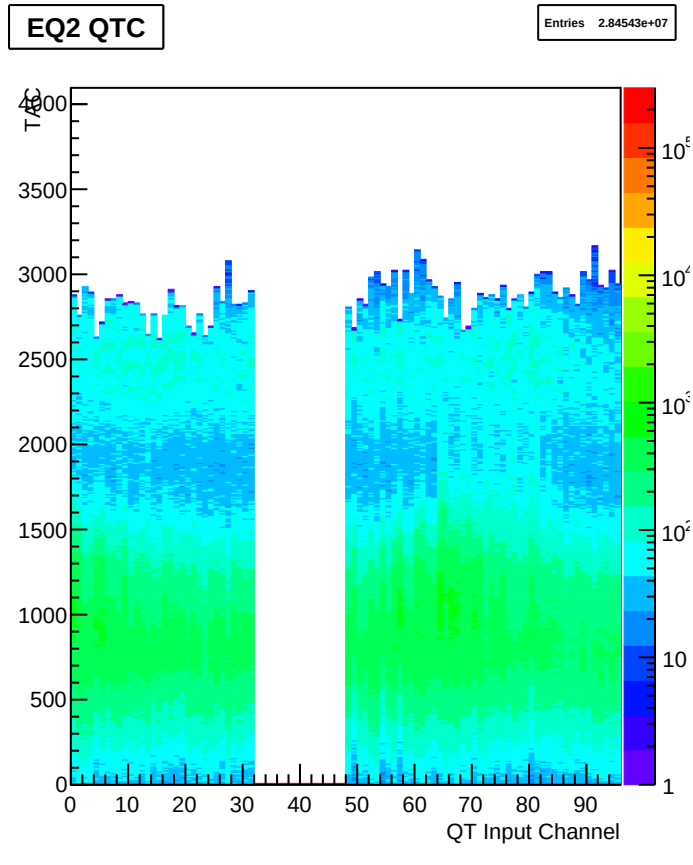

EQ1 QTC
Entries 2.84543e+07
ADC
QT Input Channel

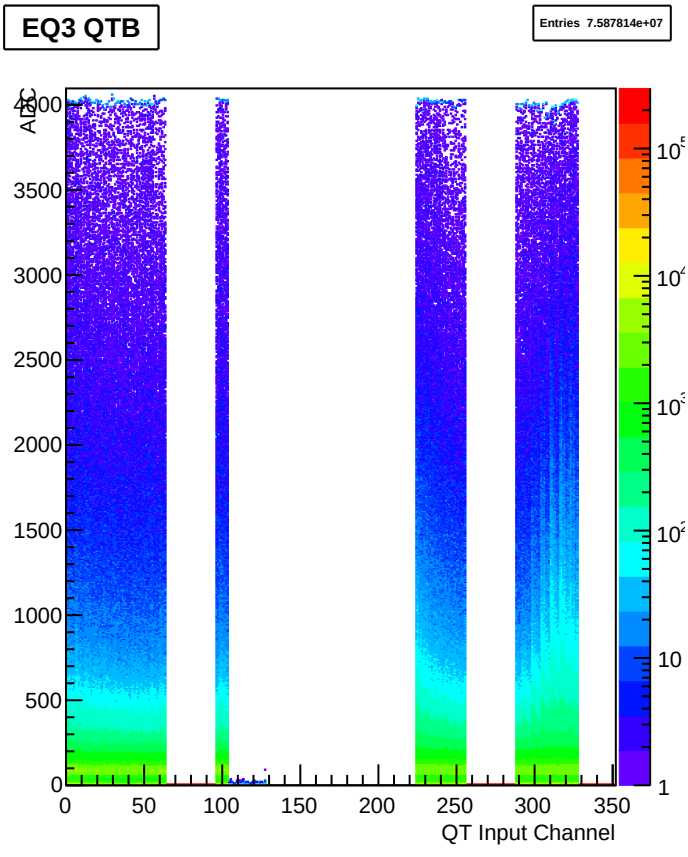

EQ1 QTC
Entries 2.84543e+07
TADC
QT Input Channel

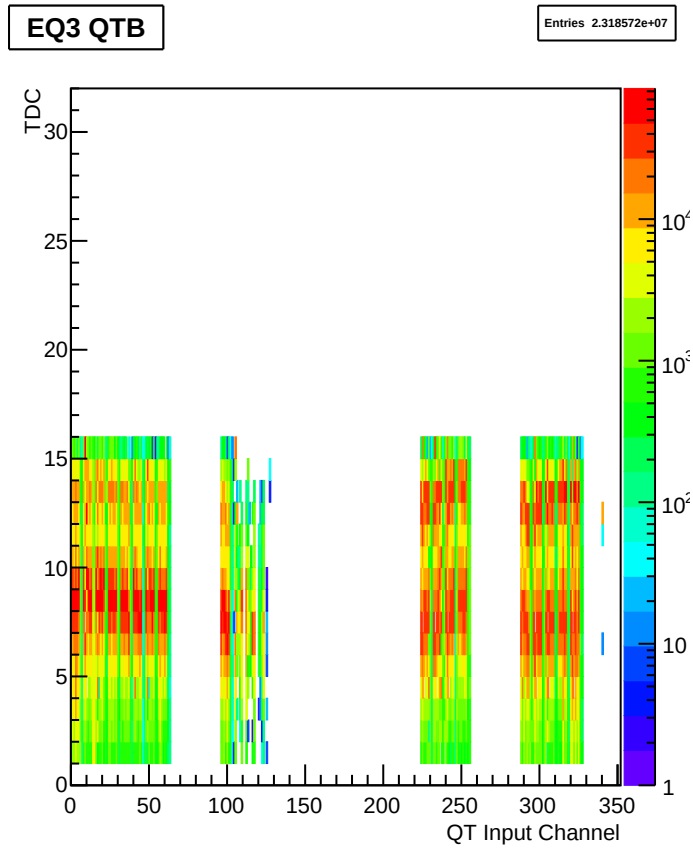

EQ2 QTB
Entries 8.536291e+07
ADC
QT Input Channel

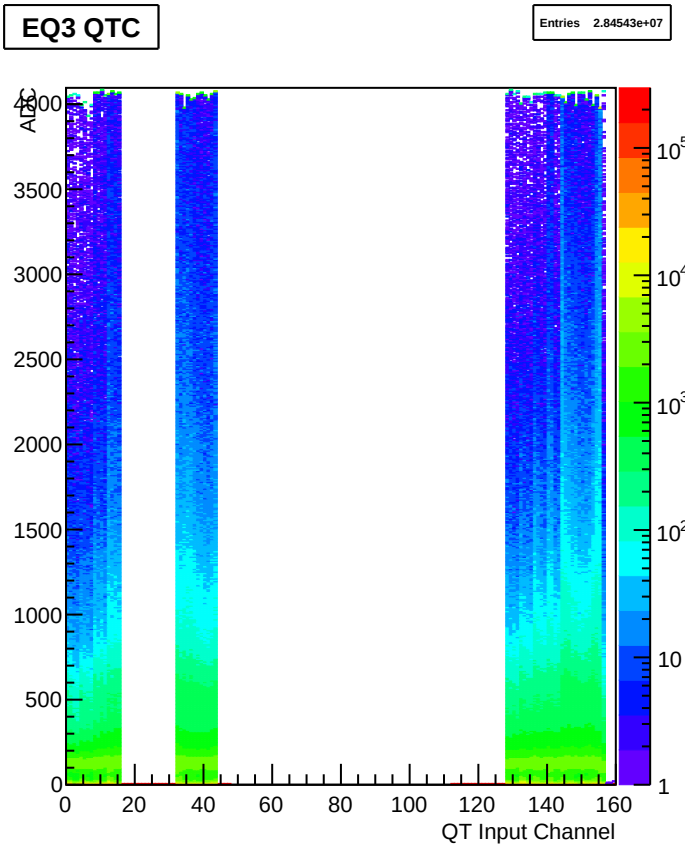

EQ2 QTB
Entries 2.894158e+07
TDC
QT Input Channel

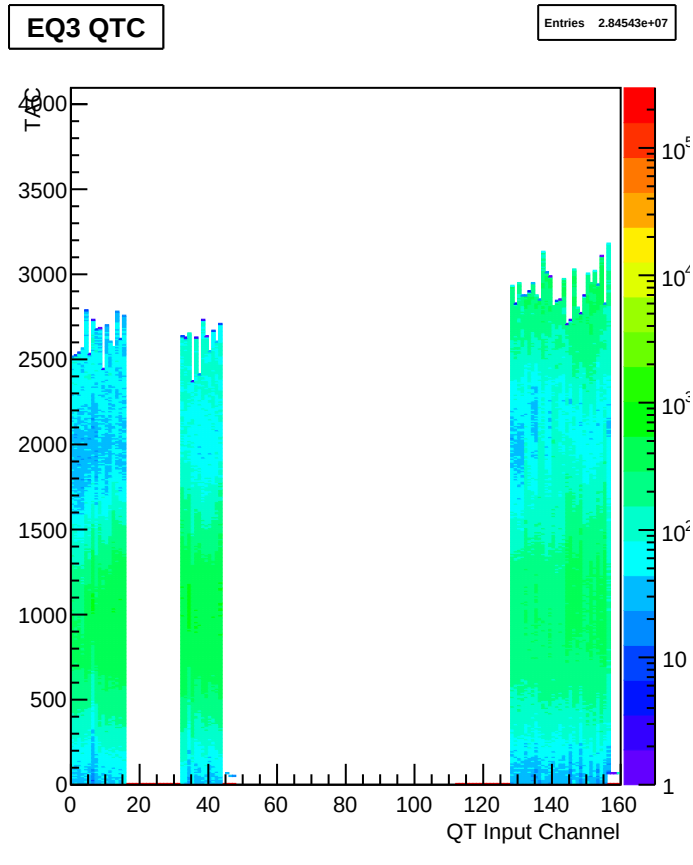

EQ2 QTC
Entries 2.84543e+07
ADC
QT Input Channel

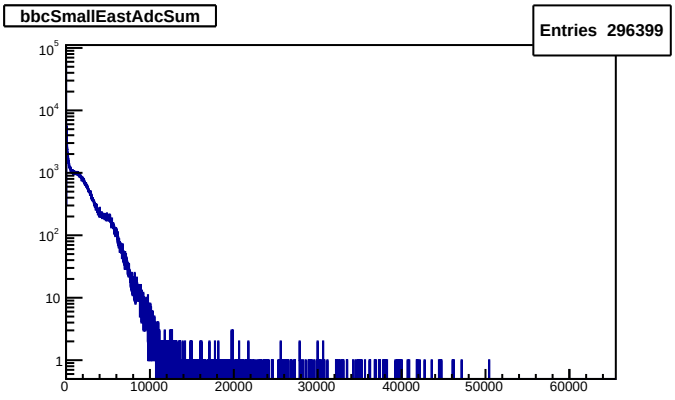

EQ2 QTC
Entries 2.84543e+07
TADC
QT Input Channel

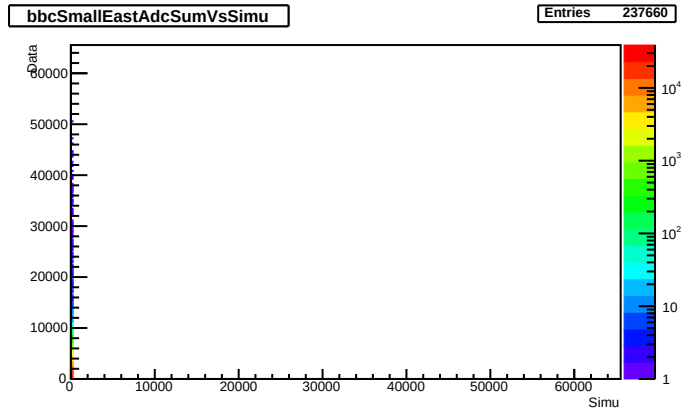

EQ3 QTB
Entries 7.587814e+07
ADC
QT Input Channel

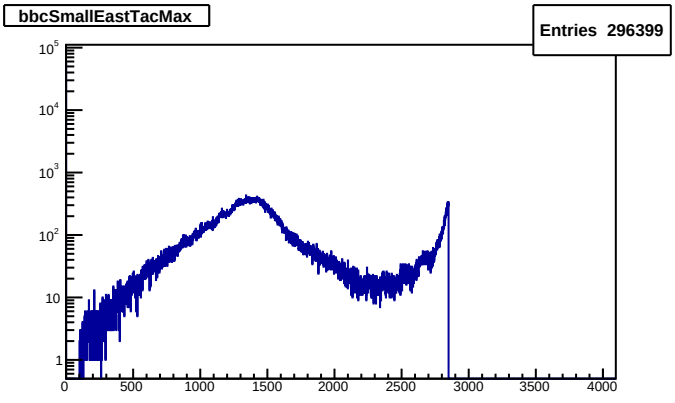

EQ3 QTB
Entries 2.318572e+07
TDC
QT Input Channel

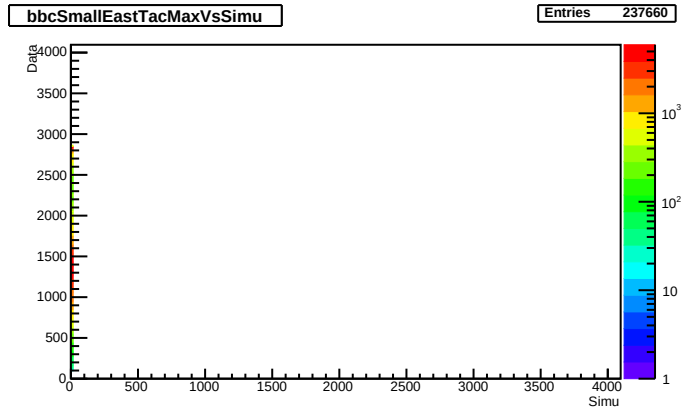

EQ3 QTC
Entries 2.84543e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.84543e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 296399


bbcSmallEastAdcSumVsSimu
Entries 237660
Data
Simu


bbcSmallEastTacMax
Entries 296399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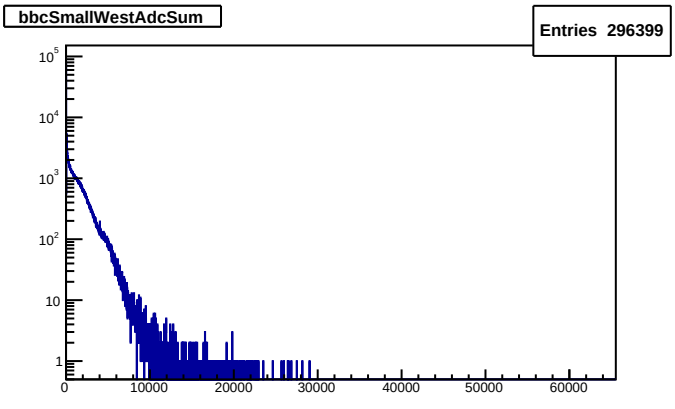
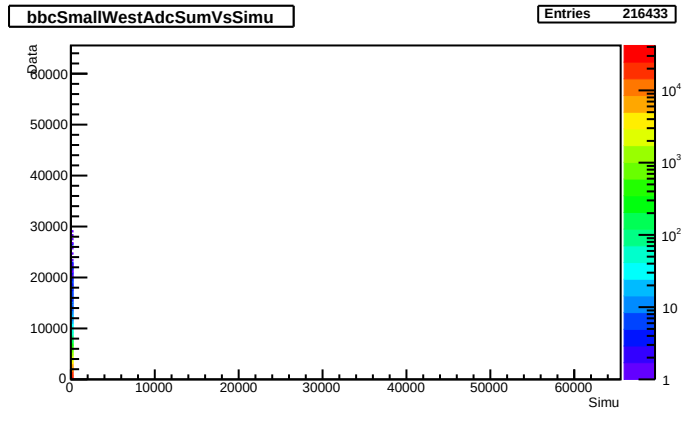
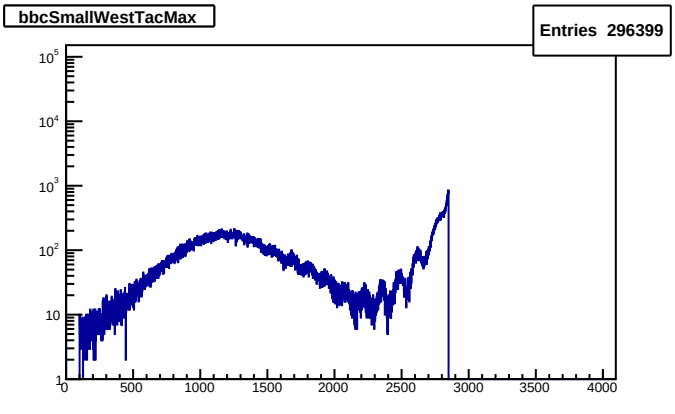
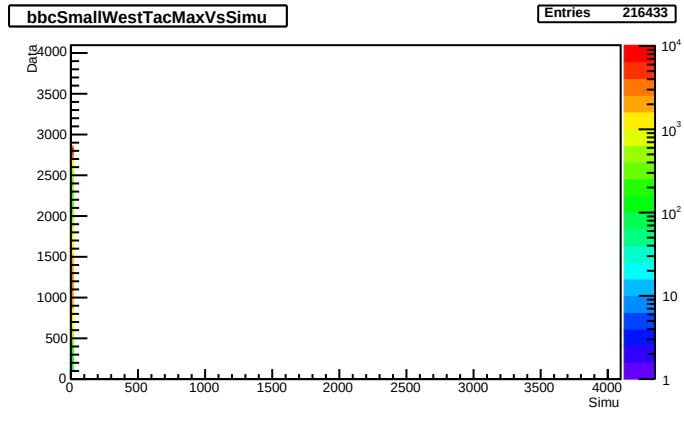
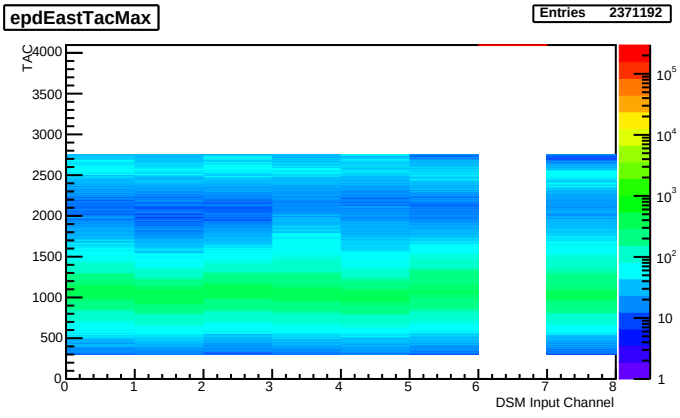
Entries 237660
Data
Simu

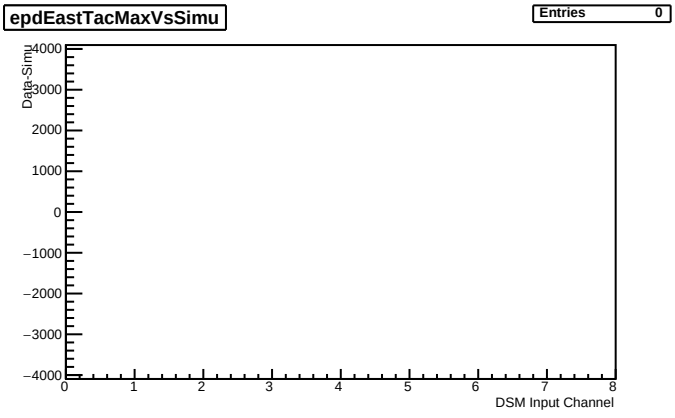

bbcSmallWestAdcSum
Entries 296399

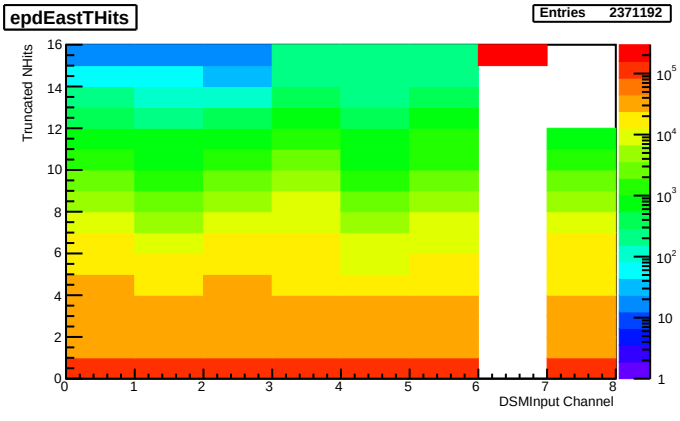

bbcSmallWestAdcSumVsSimu
Entries 216433
Data
Simu

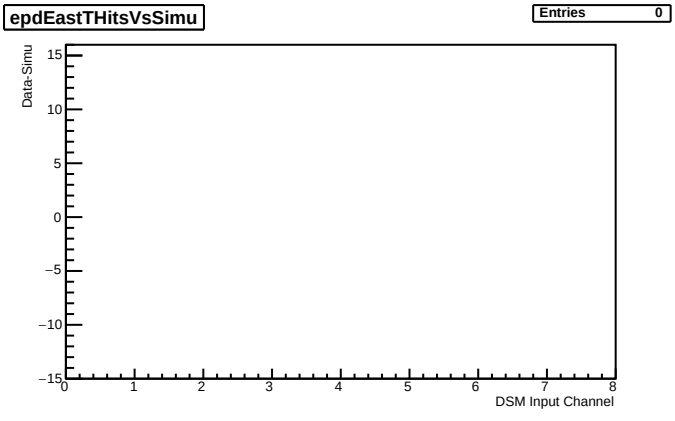

bbcSmallWestTacMax
Entries 296399

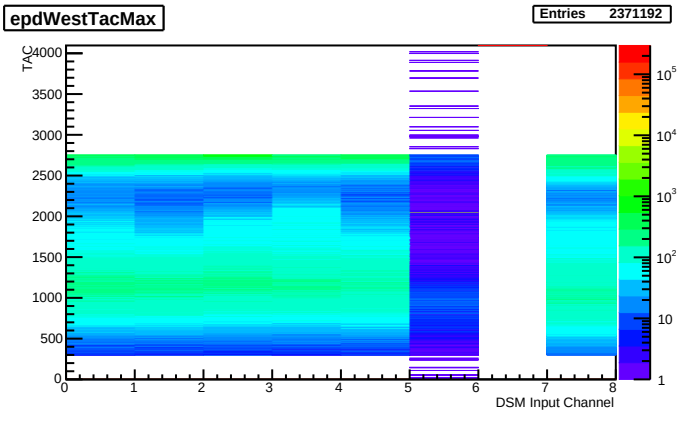

bbcSmallWestTacMaxVsSimu
Entries 216433
Data
Simu

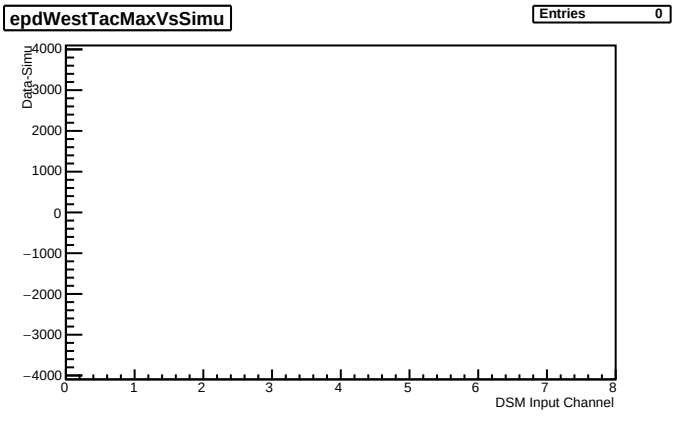

epdEastTacMax
Entries 2371192
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2371192
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2371192
TAC
DSM Input Channel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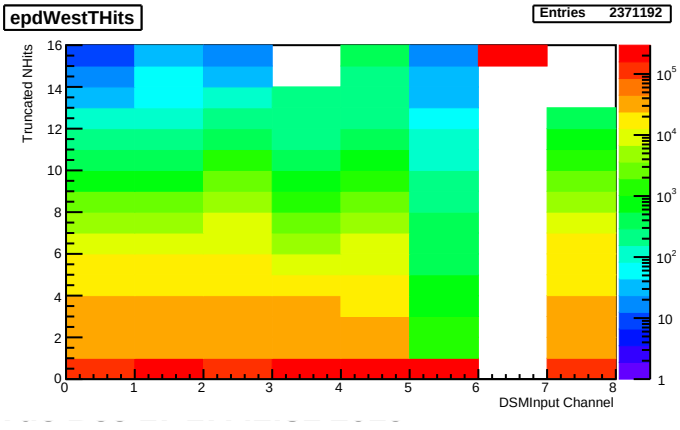
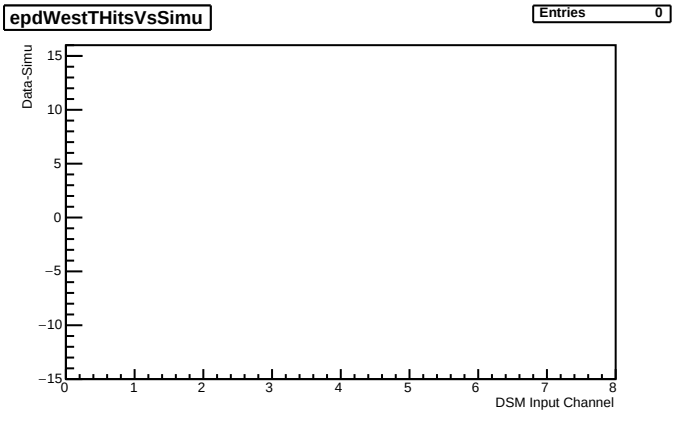
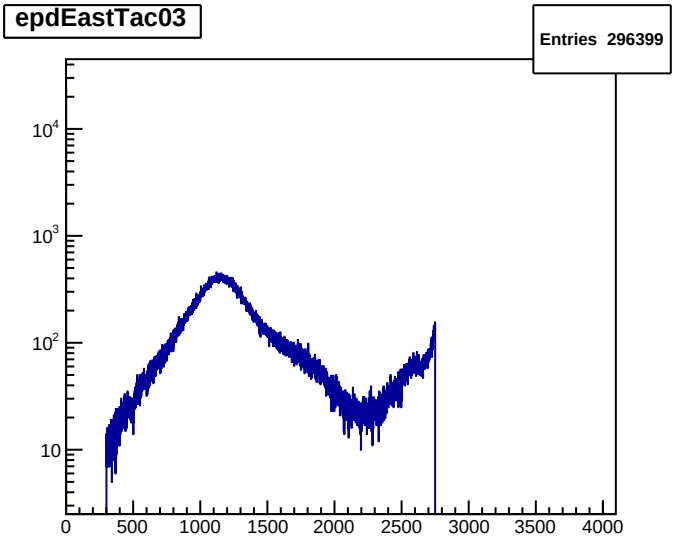
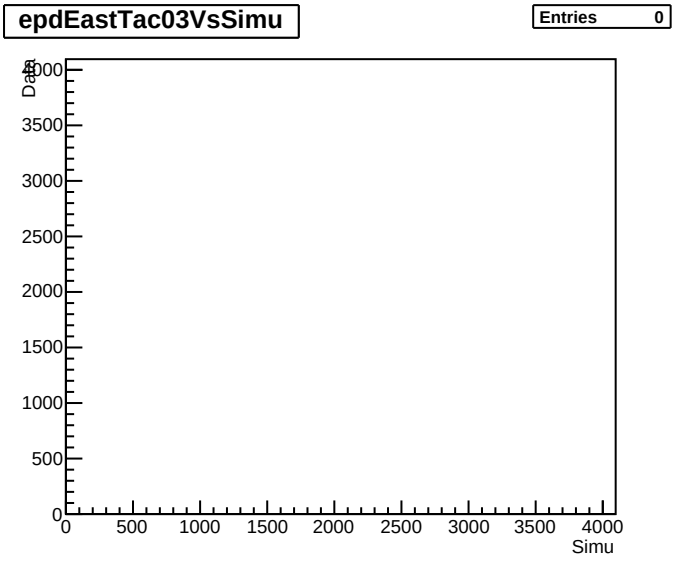
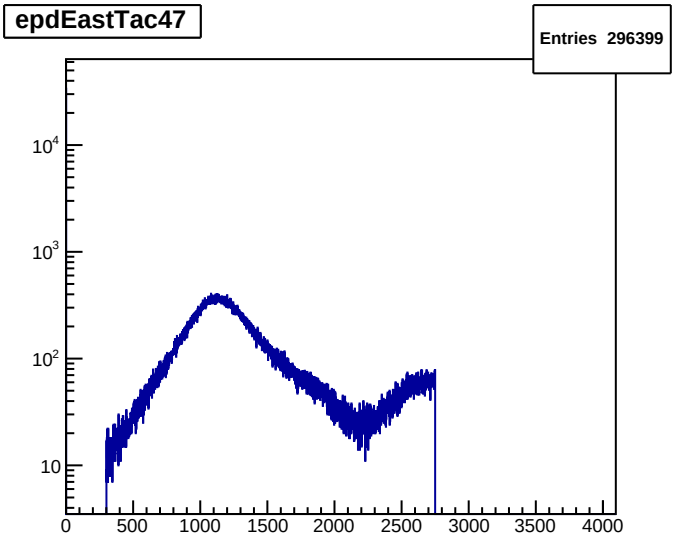
Entries 0
Data-Simu
DSM Input Channel

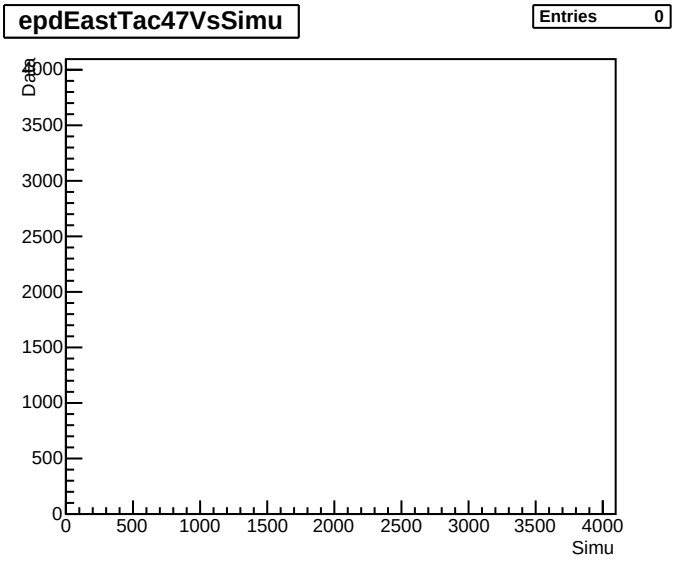

epdWestTHits
Entries 2371192
Truncated NHits
DSMInput Channel

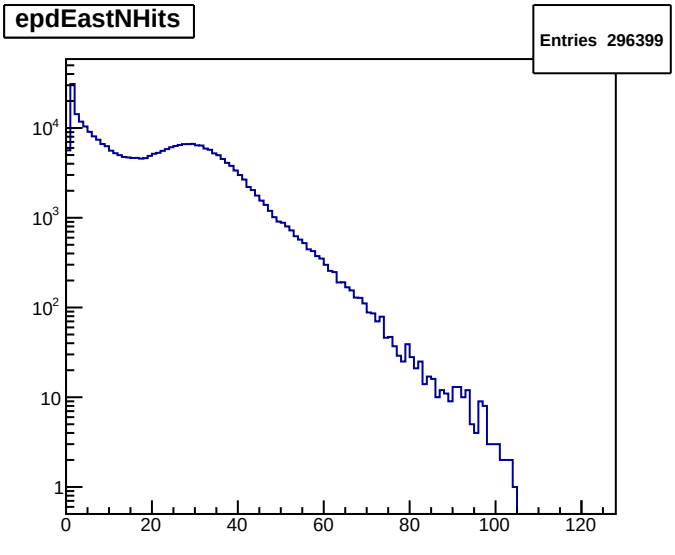

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

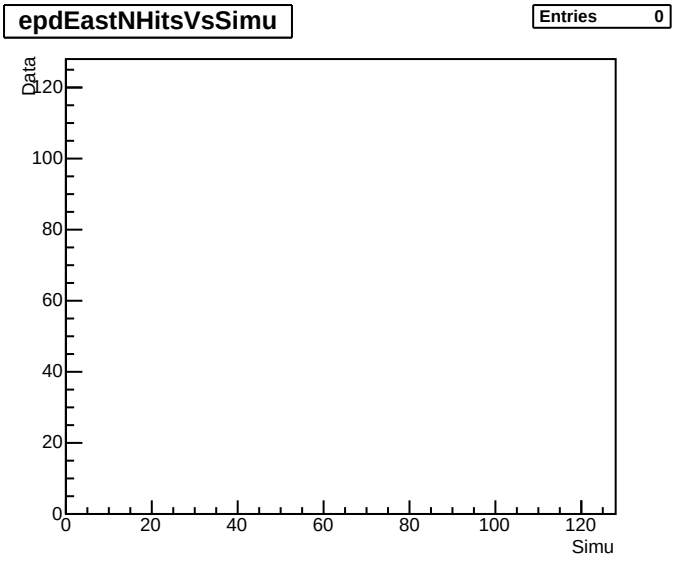

epdEastTac03
Entries 296399


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 296399


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 296399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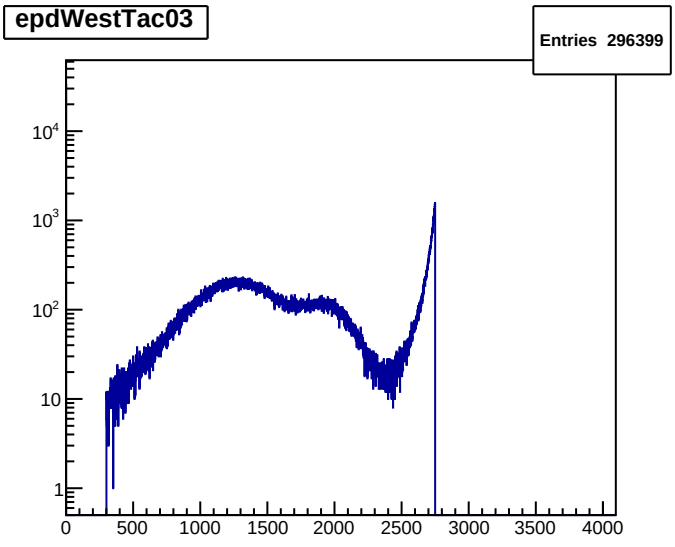
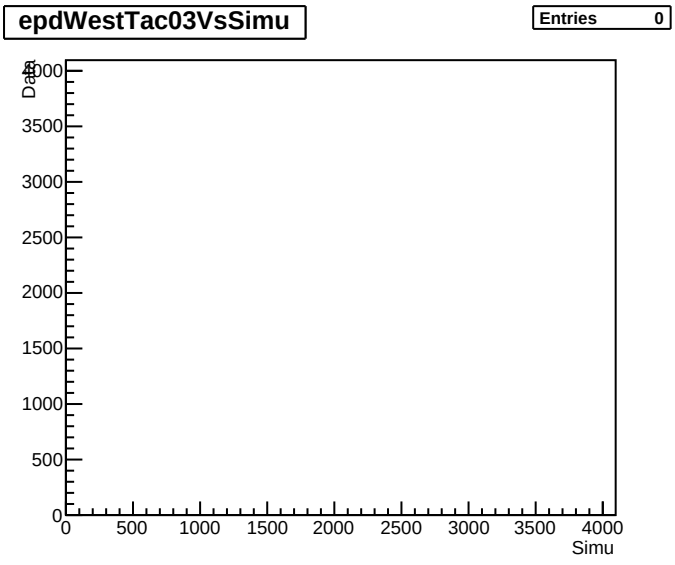
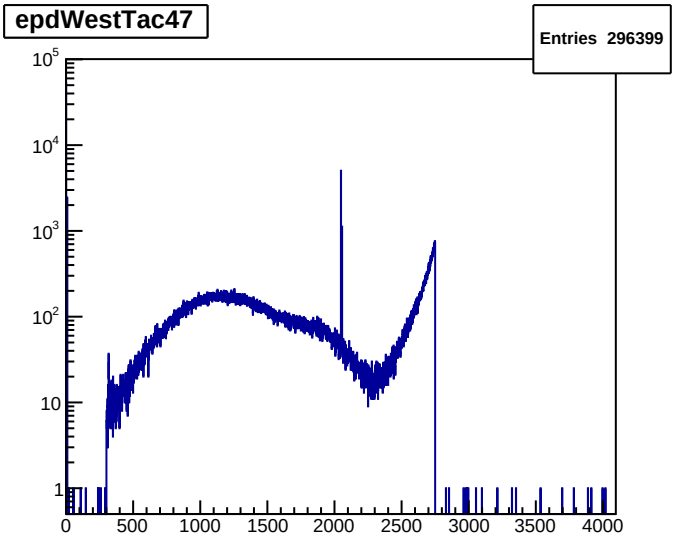
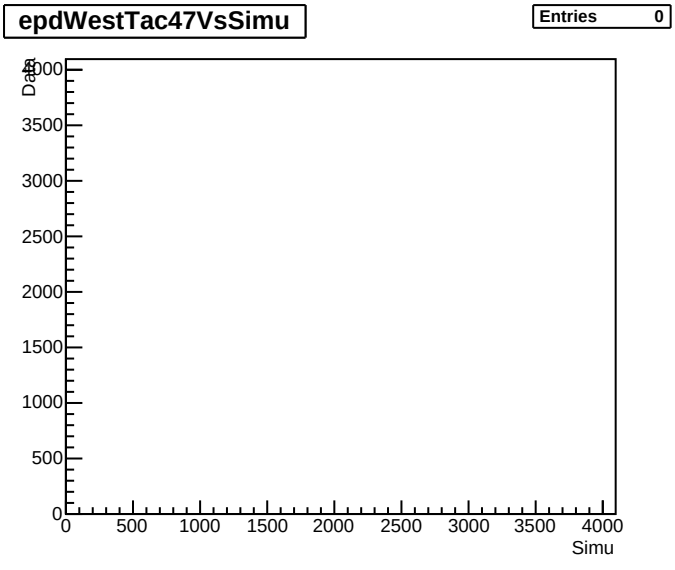
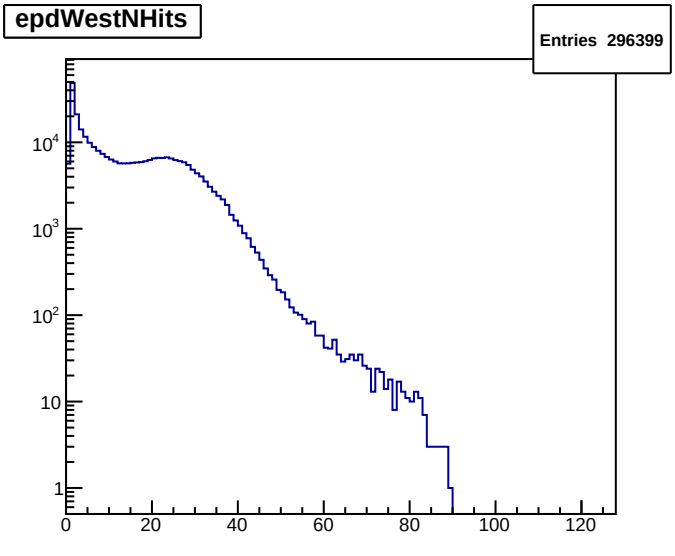
Entries 0
Data
Simu

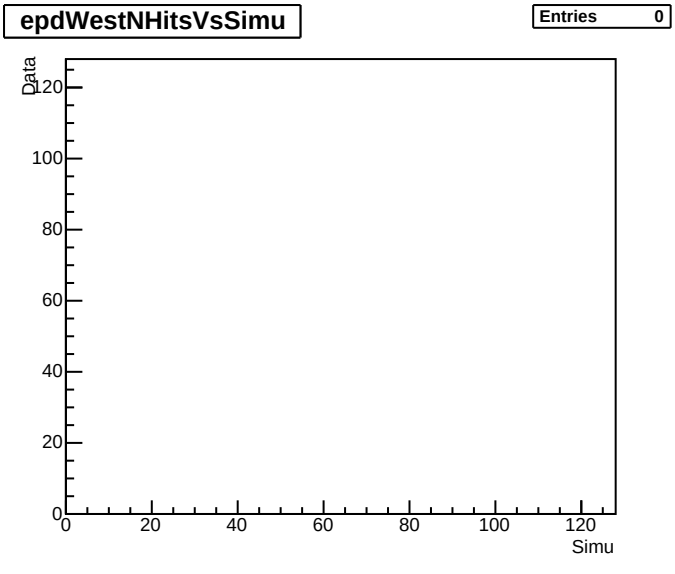

epdWestTac03
Entries 296399

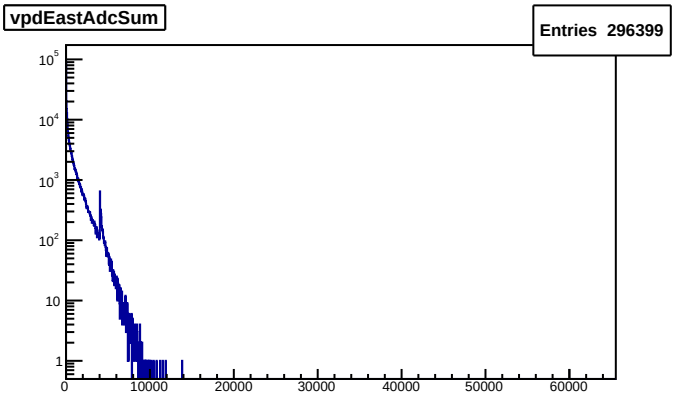

epdWestTac03VsSimu
Entries 0
Data
Simu

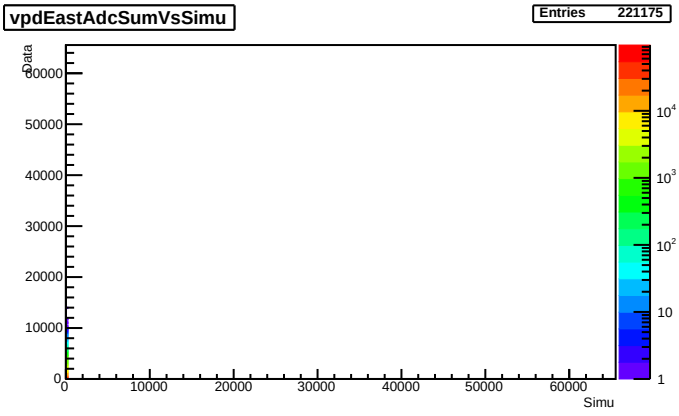

epdWestTac47
Entries 296399

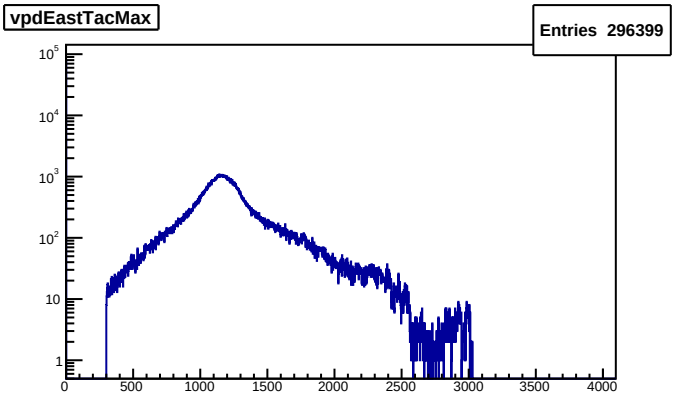

epdWestTac47VsSimu
Entries 0
Data
Simu

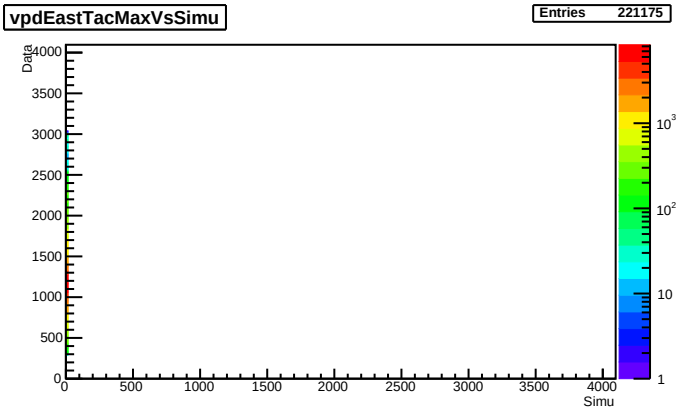

epdWestNHits
Entries 296399

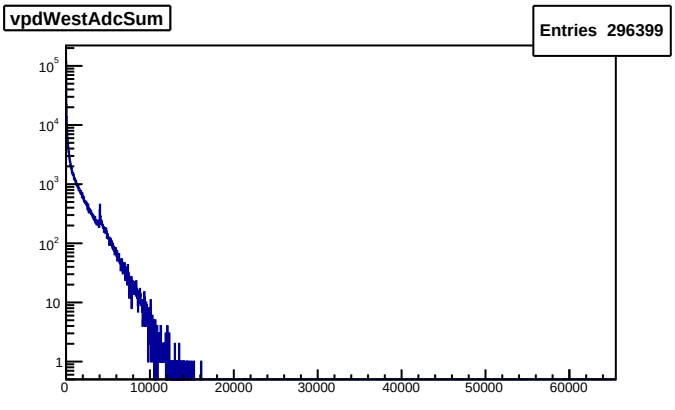

epdWestNHitsVsSimu
Entries 0
Data
Simu

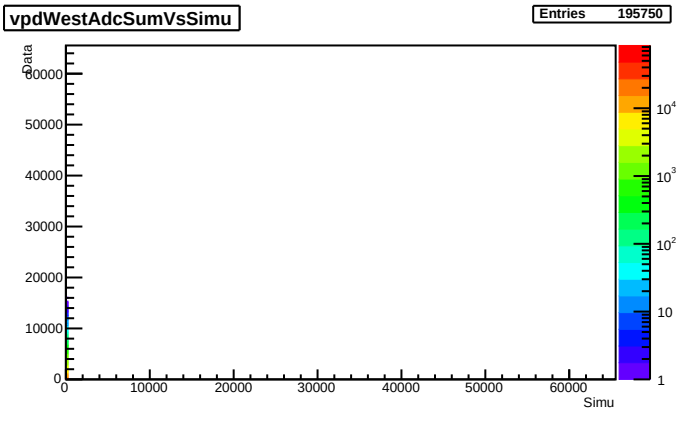

vpdEastAdcSum
Entries 296399

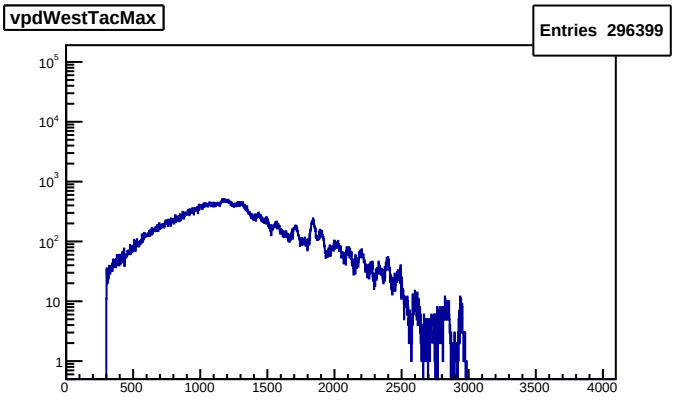

vpdEastAdcSumVsSimu
Entries 221175
Data
Simu

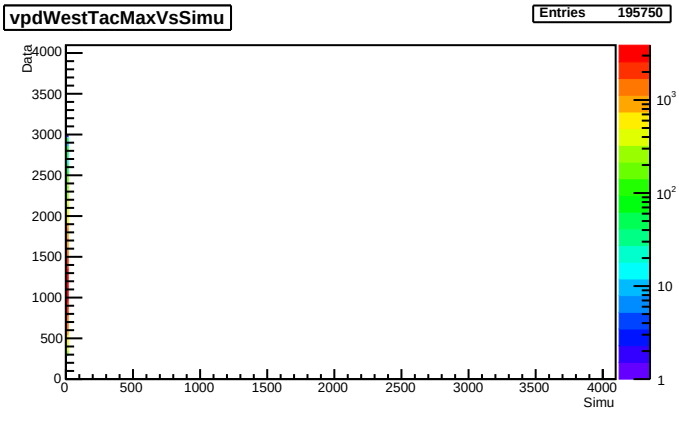

vpdEastTacMax
Entries 296399

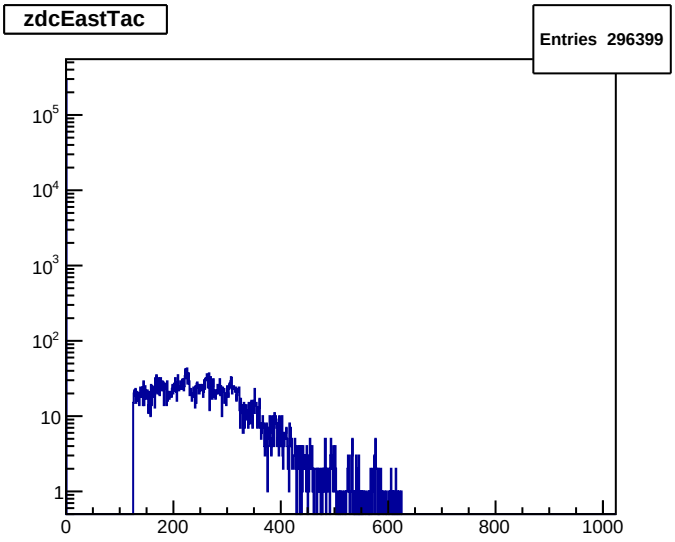

vpdEastTacMaxVsSimu
Entries 221175
Data
Simu

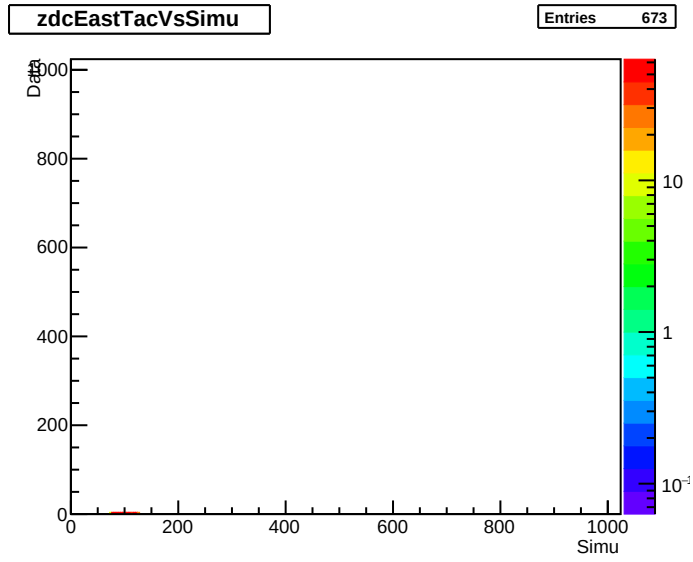

vpdWestAdcSum
Entries 296399

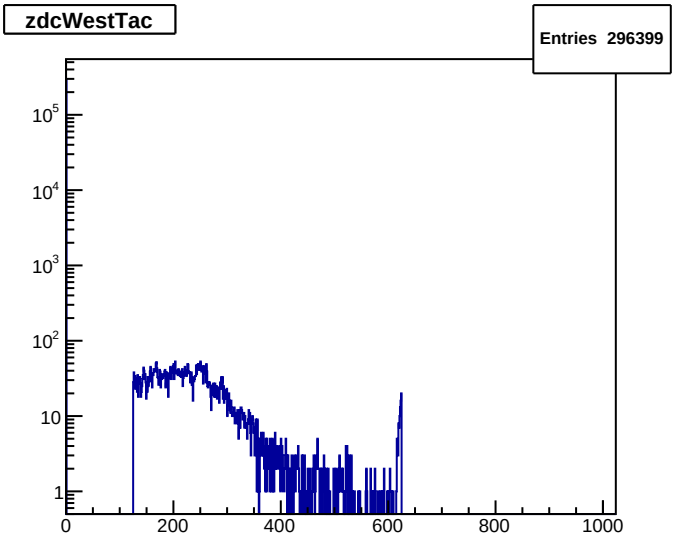

vpdWestAdcSumVsSimu
Entries 195750
Data
Simu

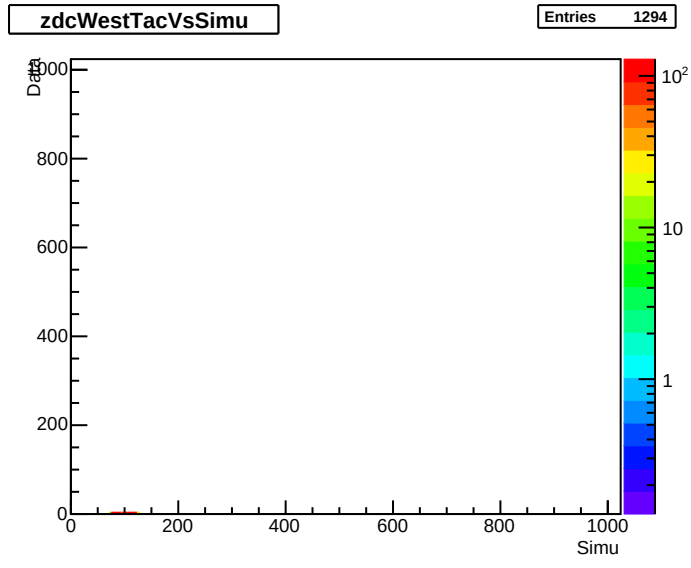

vpdWestTacMax
Entries 296399

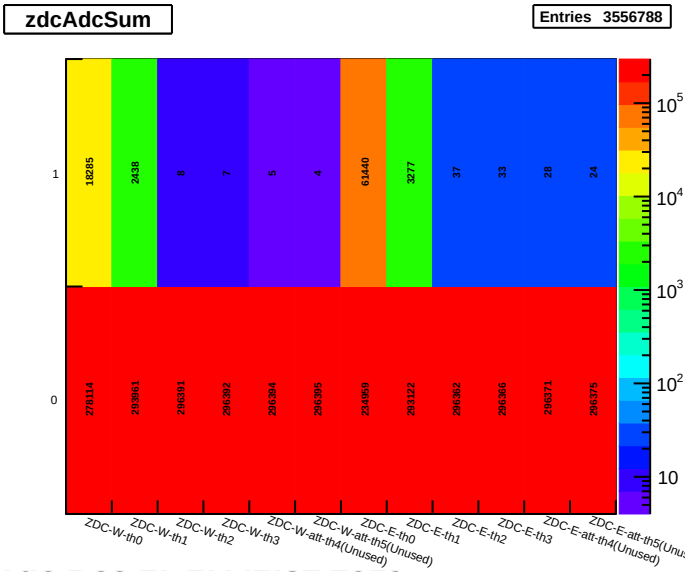

vpdWestTacMaxVsSimu
Entries 195750
Data
Simu

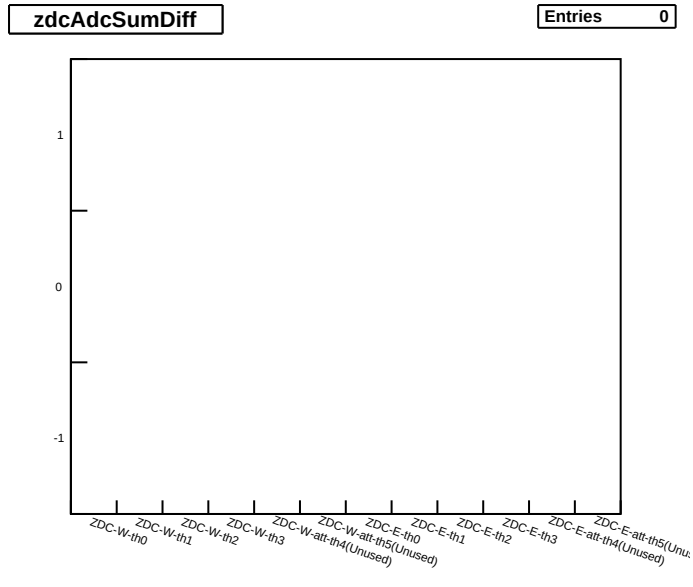

zdcEastTac
Entries 296399

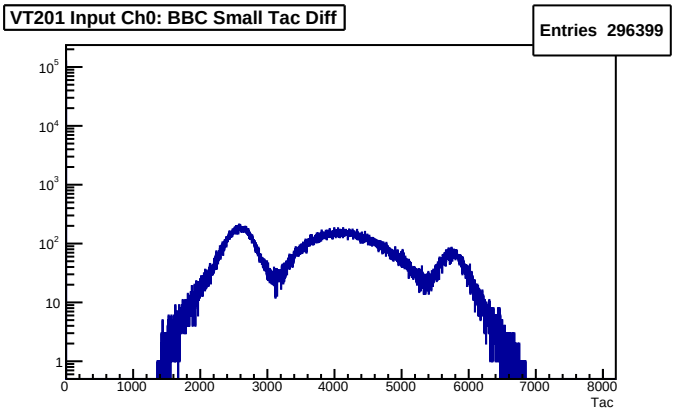

zdcEastTacVsSimu
Entries 673
Data
Simu

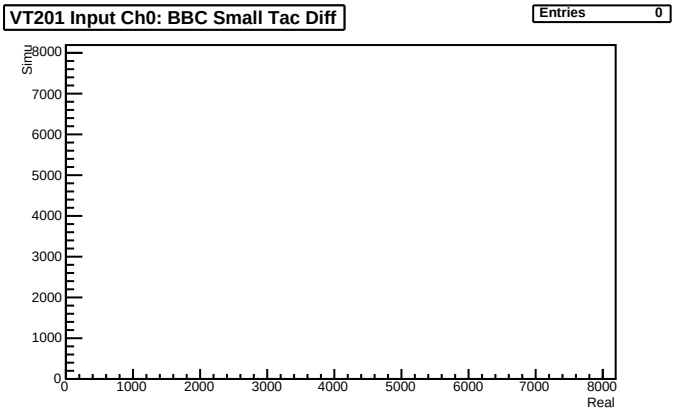

zdcWestTac
Entries 296399

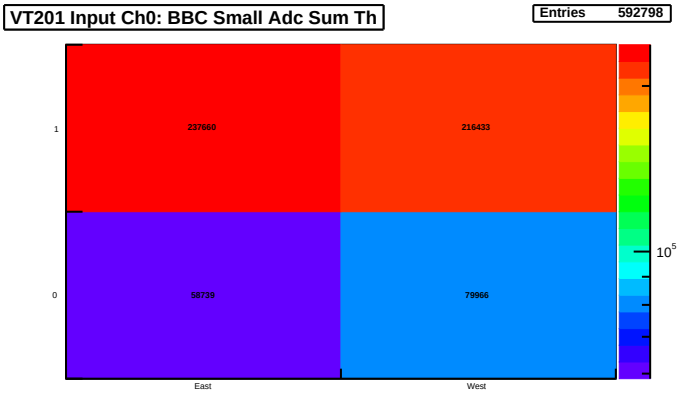

zdcWestTacVsSimu
Entries 1294
Data
Simu

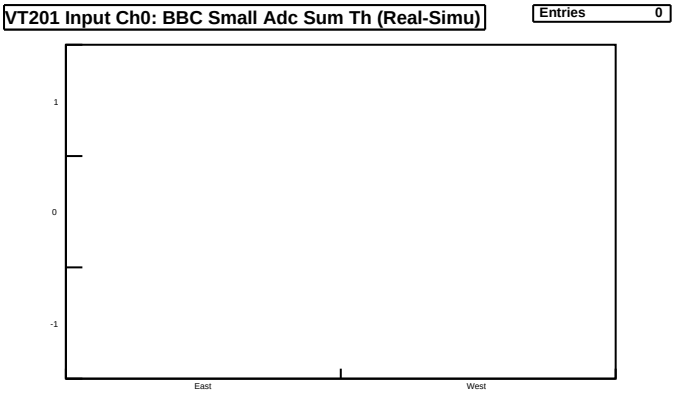

zdcAdcSum
Entries 3556788
18285
2438
8
7
5
4
61440
3277
37
33
28
24
278114
293861
296391
296392
296394
296395
234550
293122
296362
296366
296371
296375
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

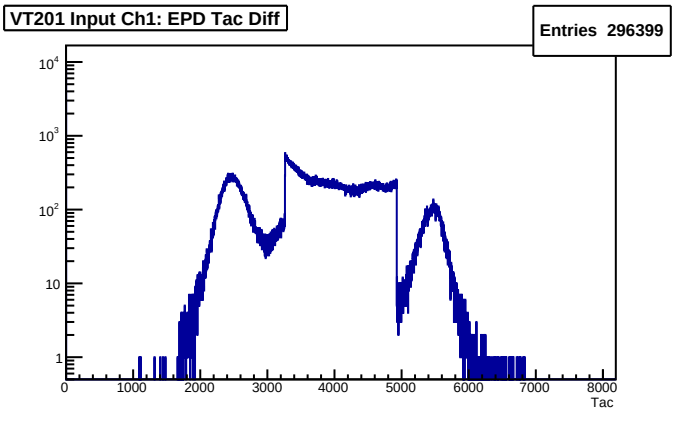

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

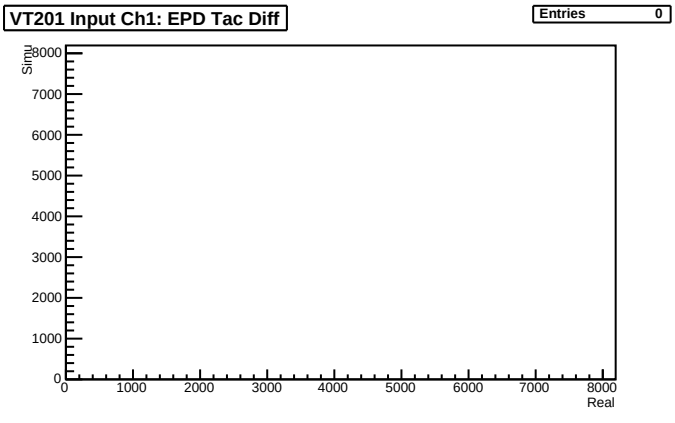

VT201 Input Ch0: BBC Small Tac Diff
Entries 296399
Tac

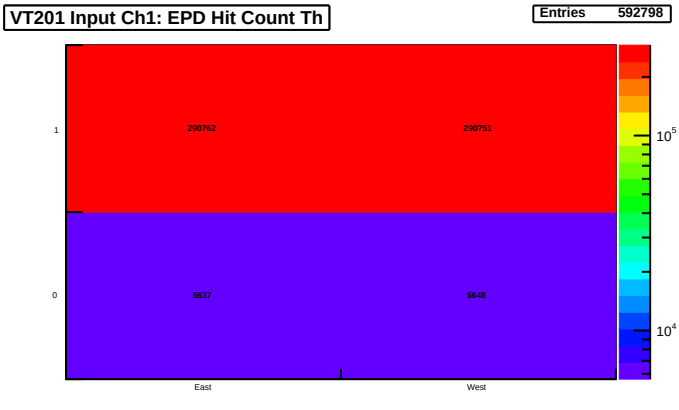

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

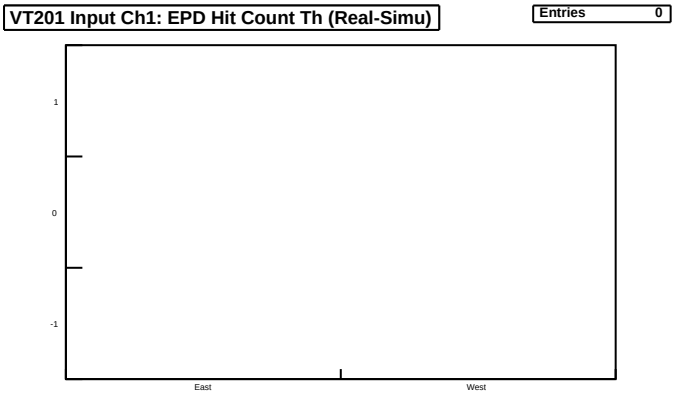

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 592798
237660
216433
58739
79966
East
West

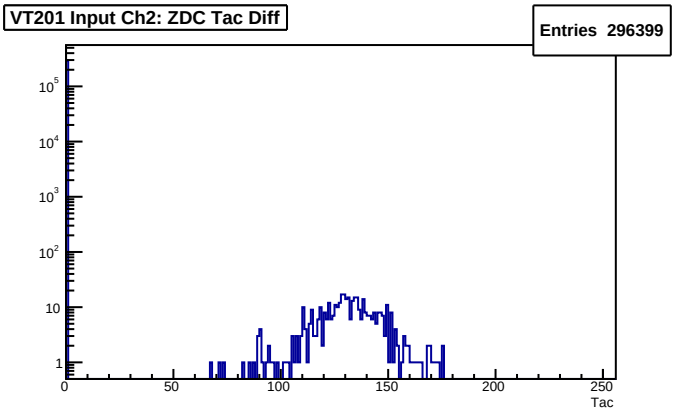

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

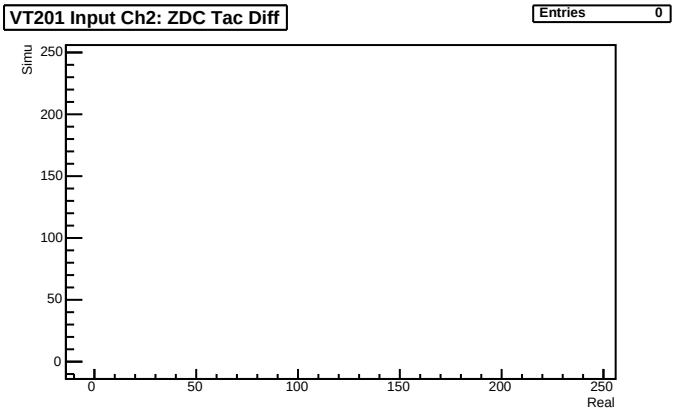

VT201 Input Ch1: EPD Tac Diff
Entries 296399
Tac

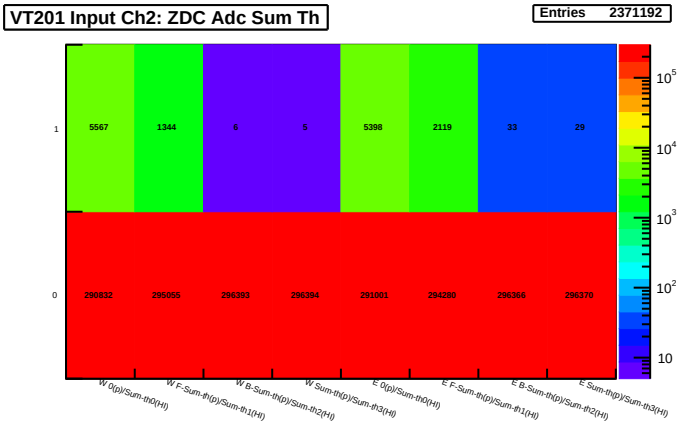

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

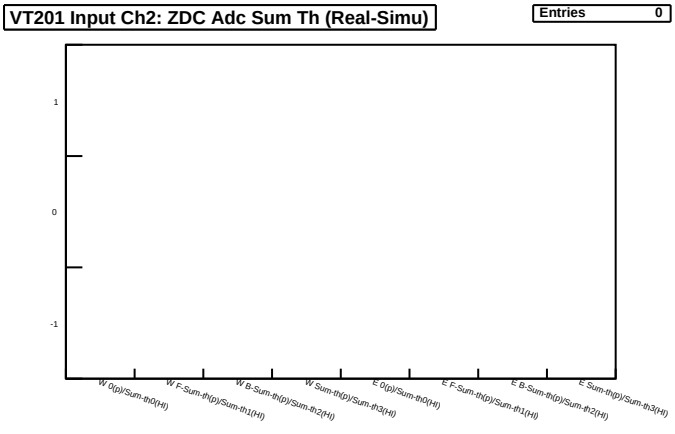

VT201 Input Ch1: EPD Hit Count Th
Entries 592798
290762
290751
5637
5648
East
West

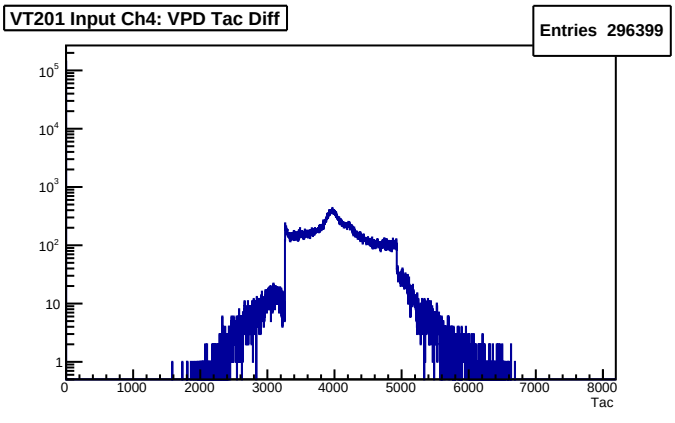

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

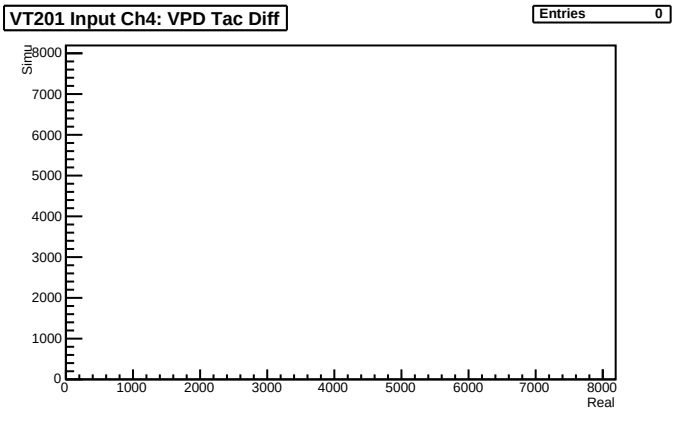

VT201 Input Ch2: ZDC Tac Diff
Entries 296399
Tac

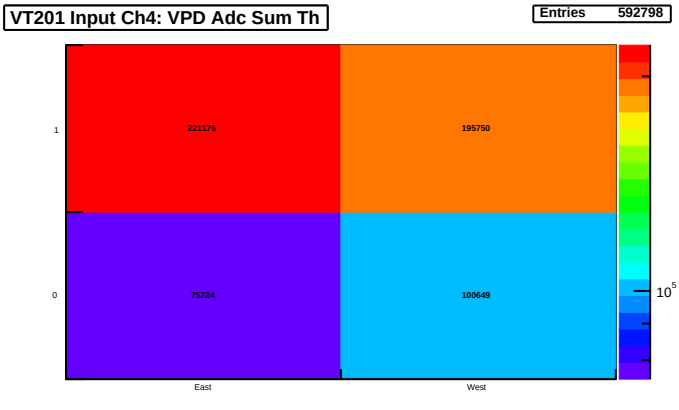

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

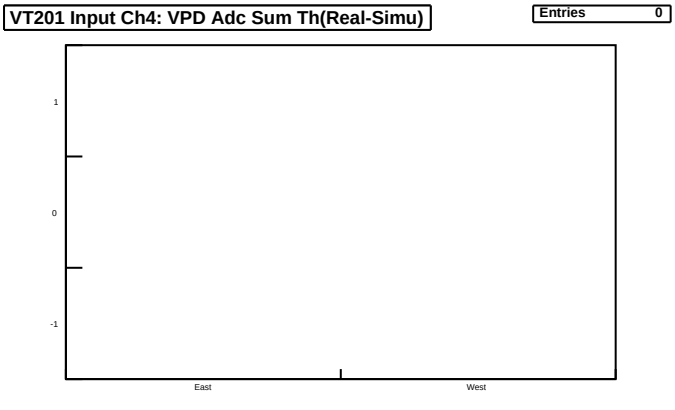

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2371192
5567
1344
6
5
5398
2119
33
29
290832
295055
296393
296394
291001
294280
296366
296370
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

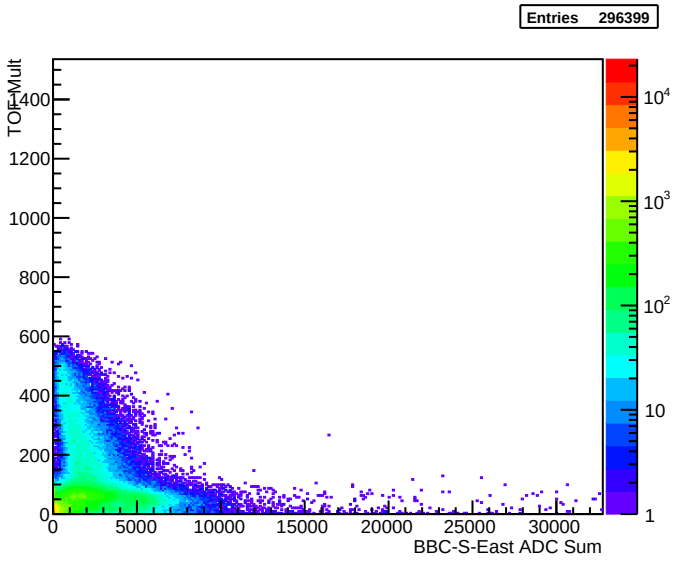

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

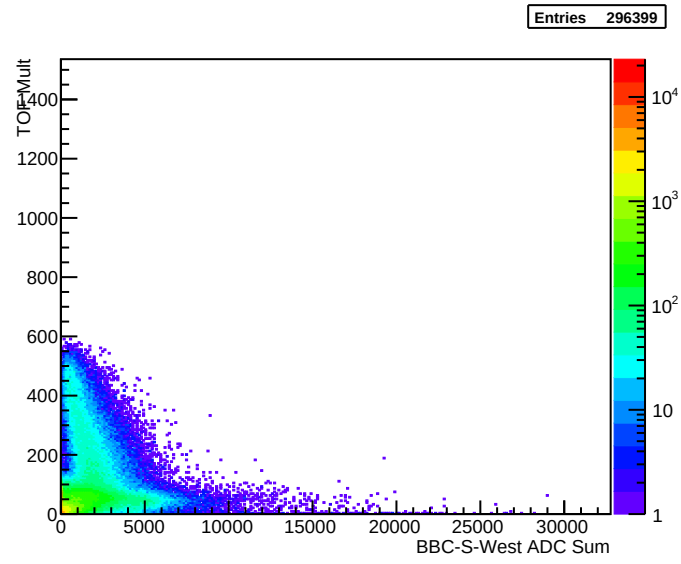

VT201 Input Ch4: VPD Tac Diff
Entries 296399
Tac

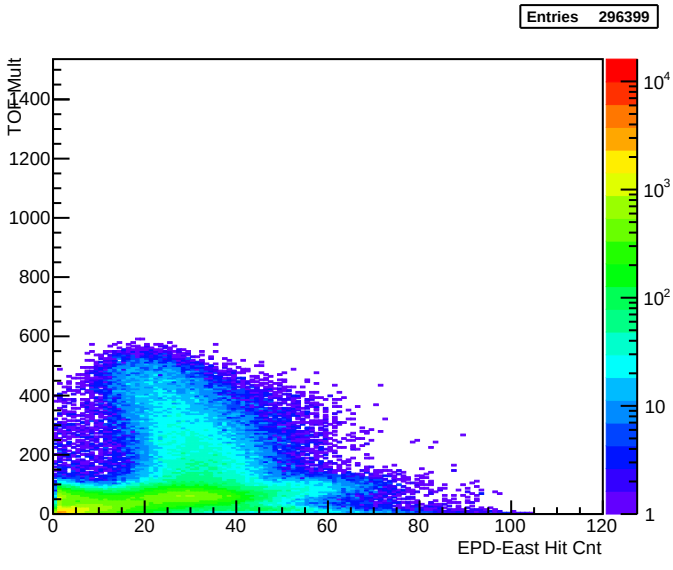

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

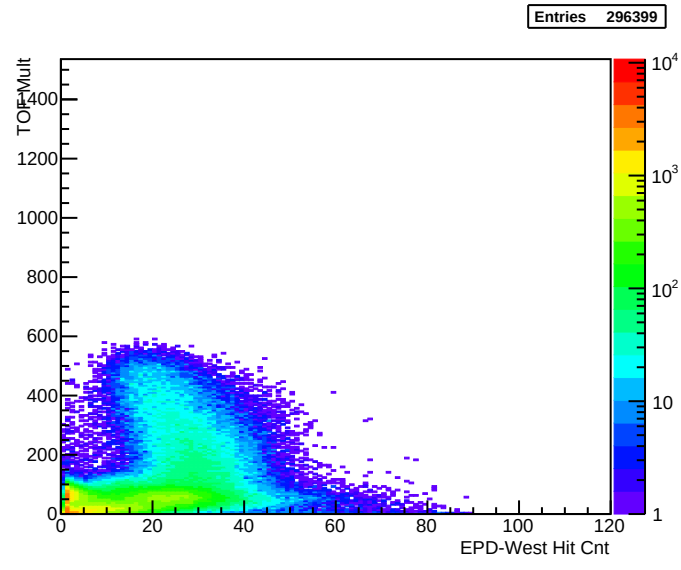

VT201 Input Ch4: VPD Adc Sum Th
Entries 592798
221175
195750
75224
100649
East
West

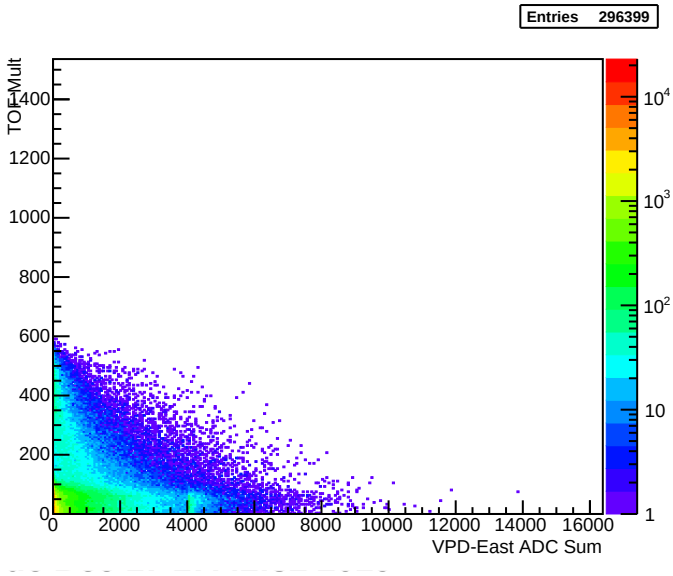

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

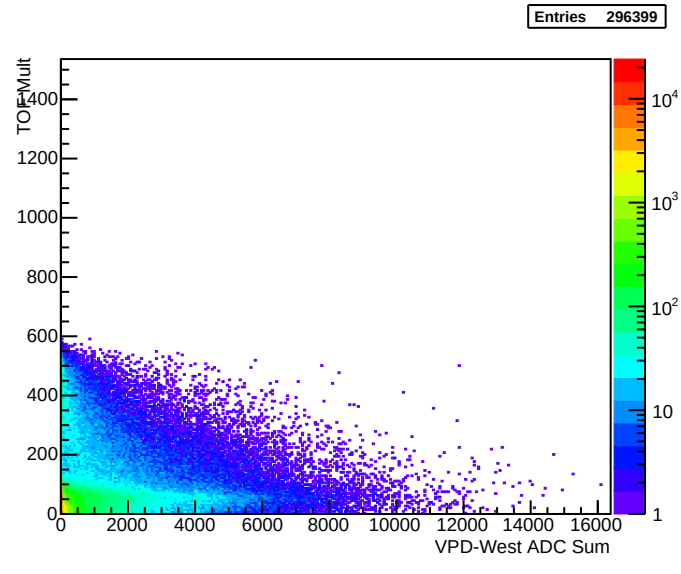

Entries 296399
TOF-Mult
BBC-S-East ADC Sum

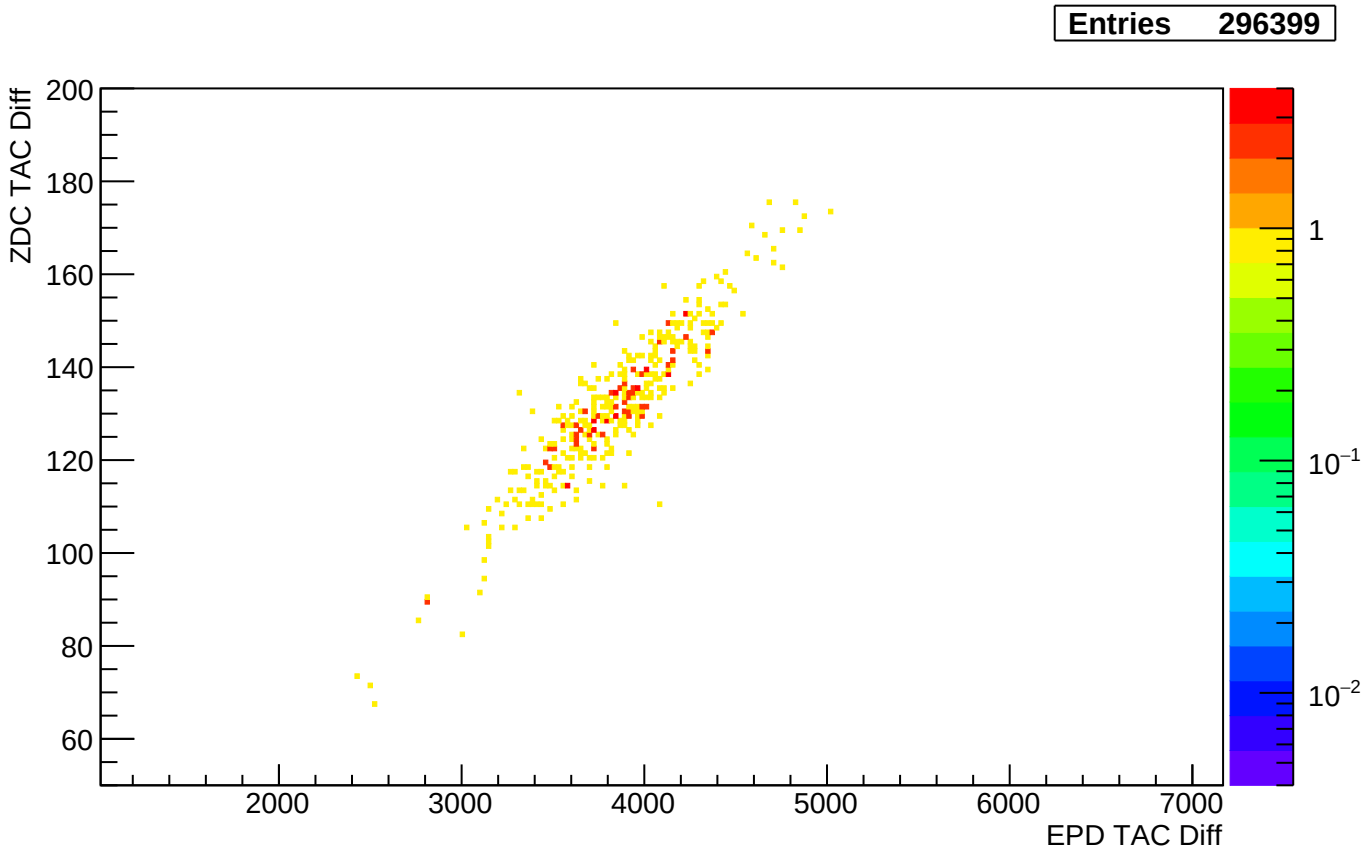

Entries 296399
TOF-Mult
BBC-S-West ADC Sum

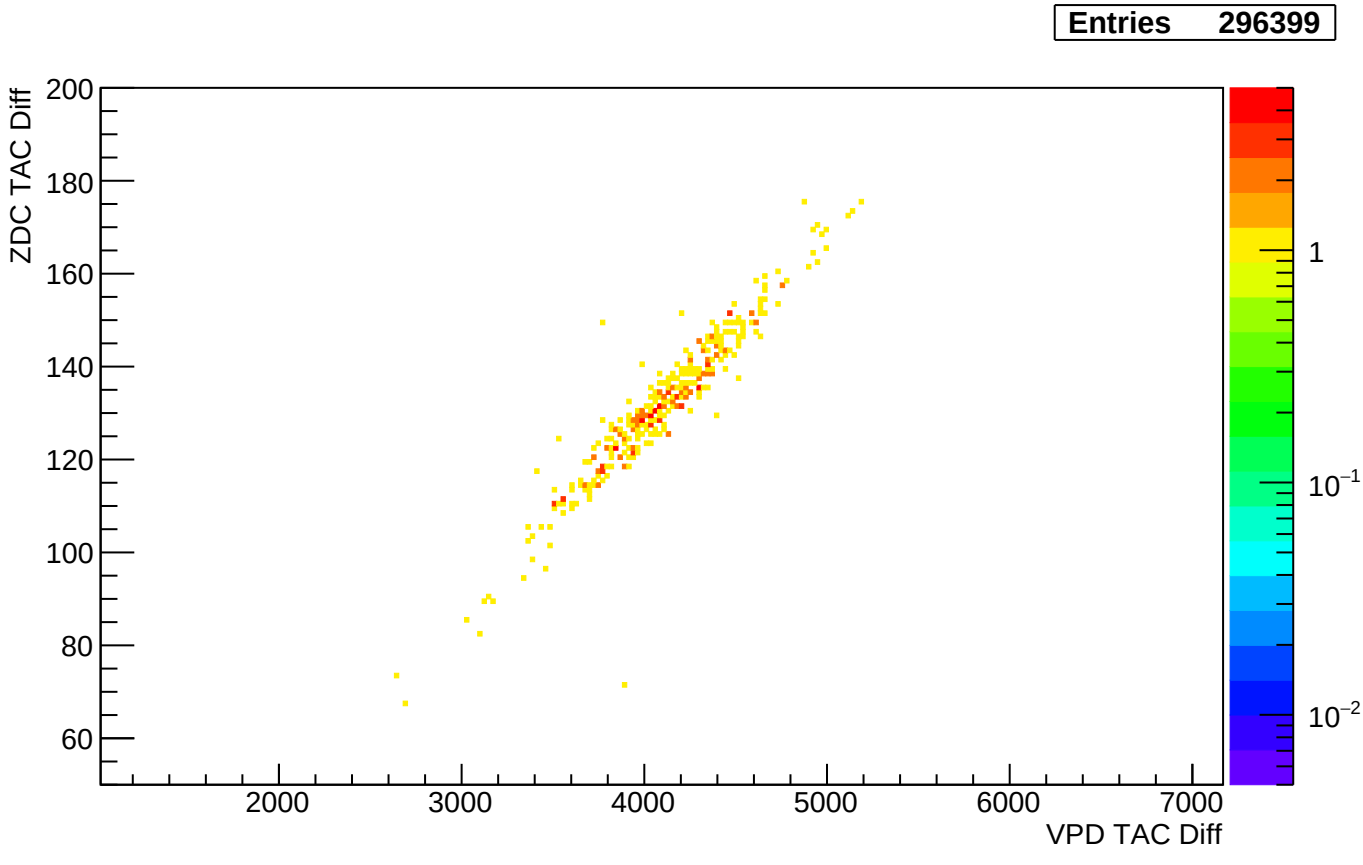

Entries 296399
TOF-Mult
EPD-East Hit Cnt

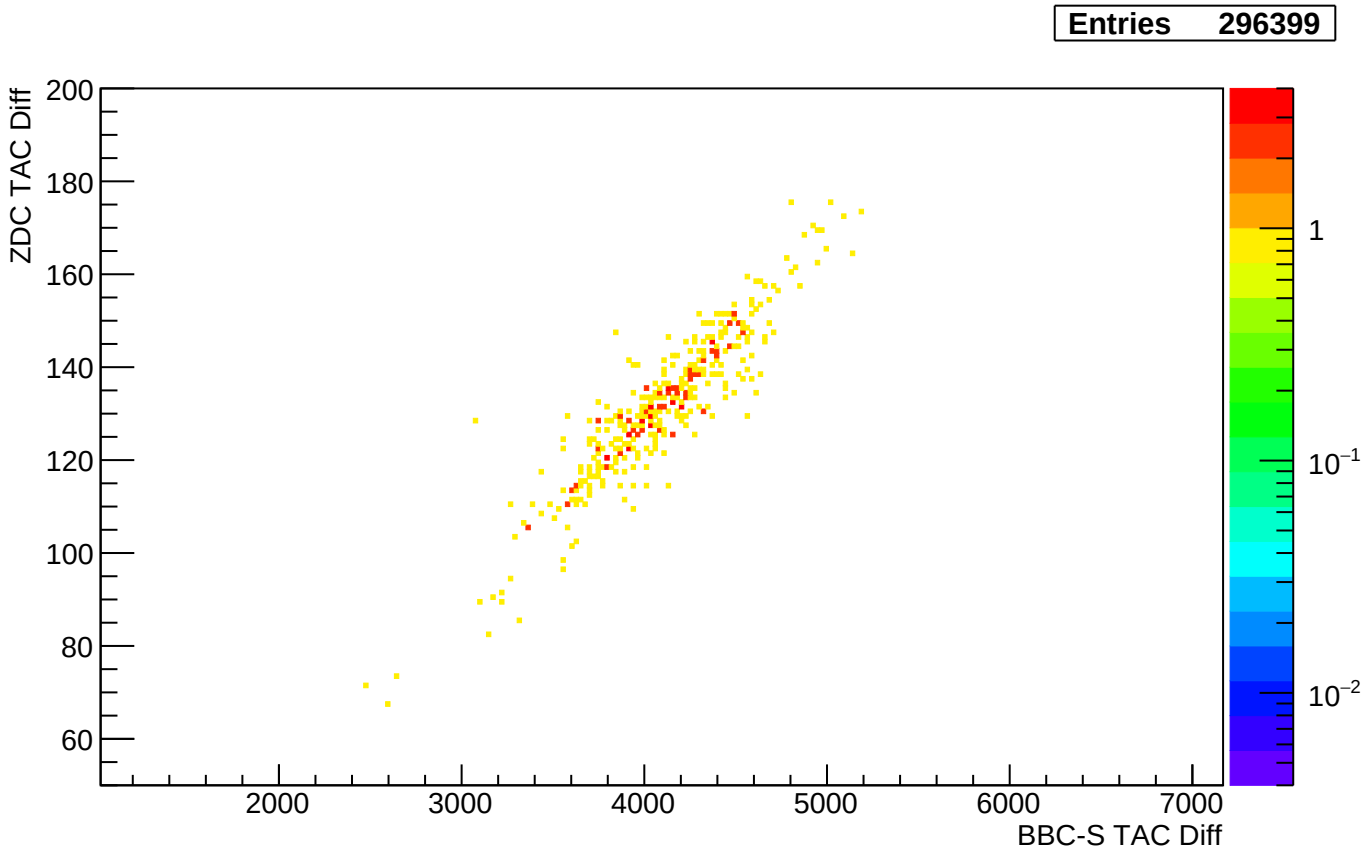

Entries 296399
TOF-Mult
EPD-West Hit Cnt

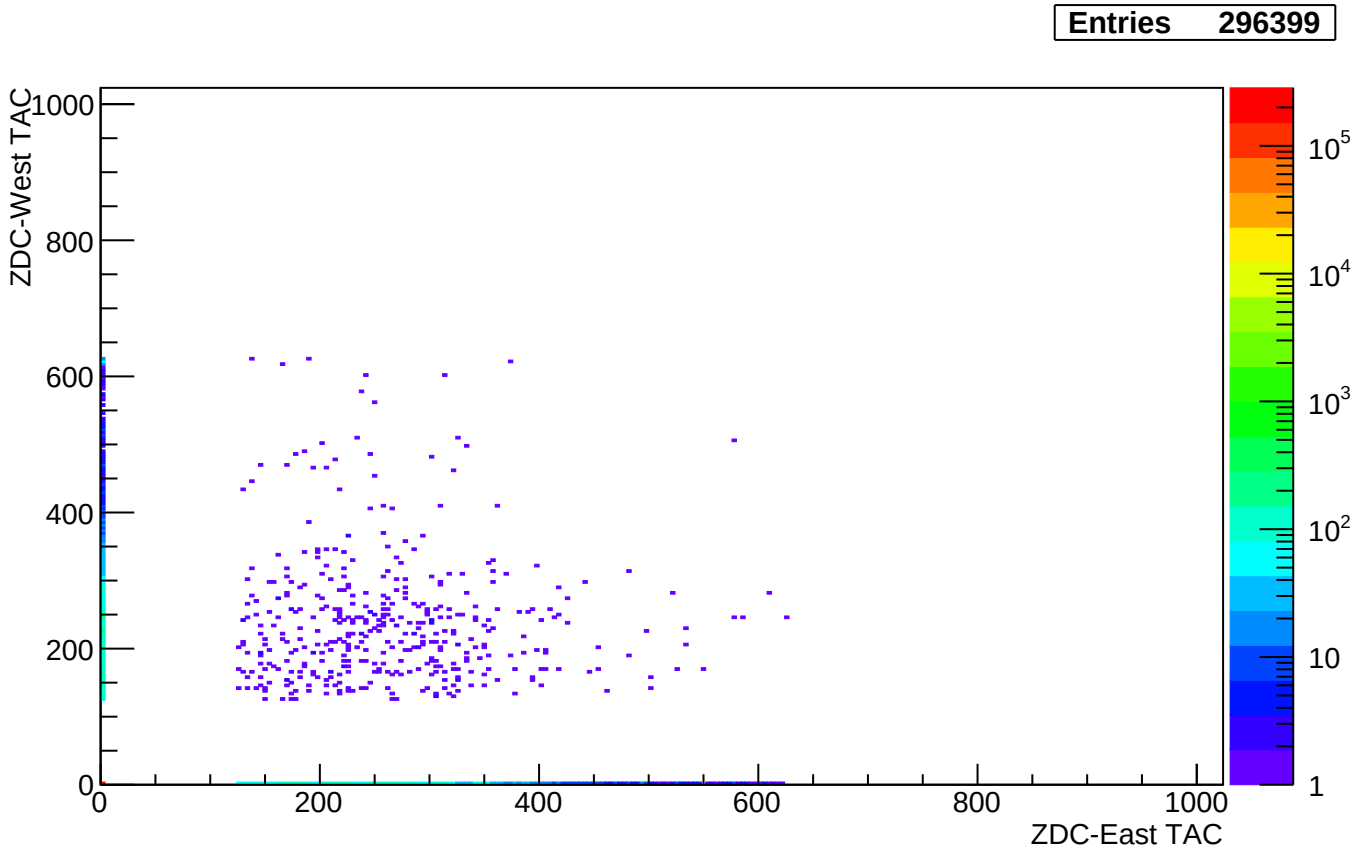

Entries 296399
TOF-Mult
VPD-East ADC Sum

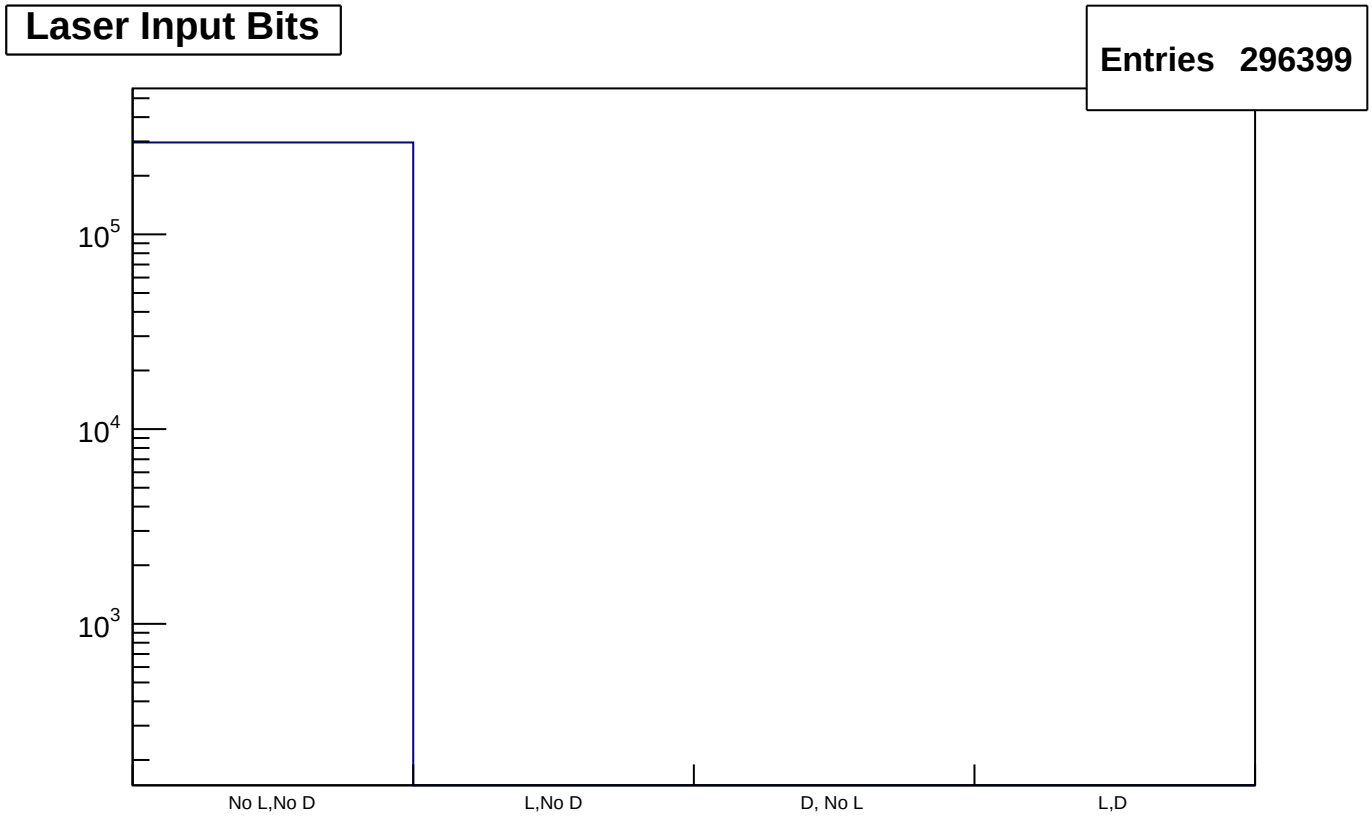

Entries 296399
TOF-Mult
VPD-West ADC Sum

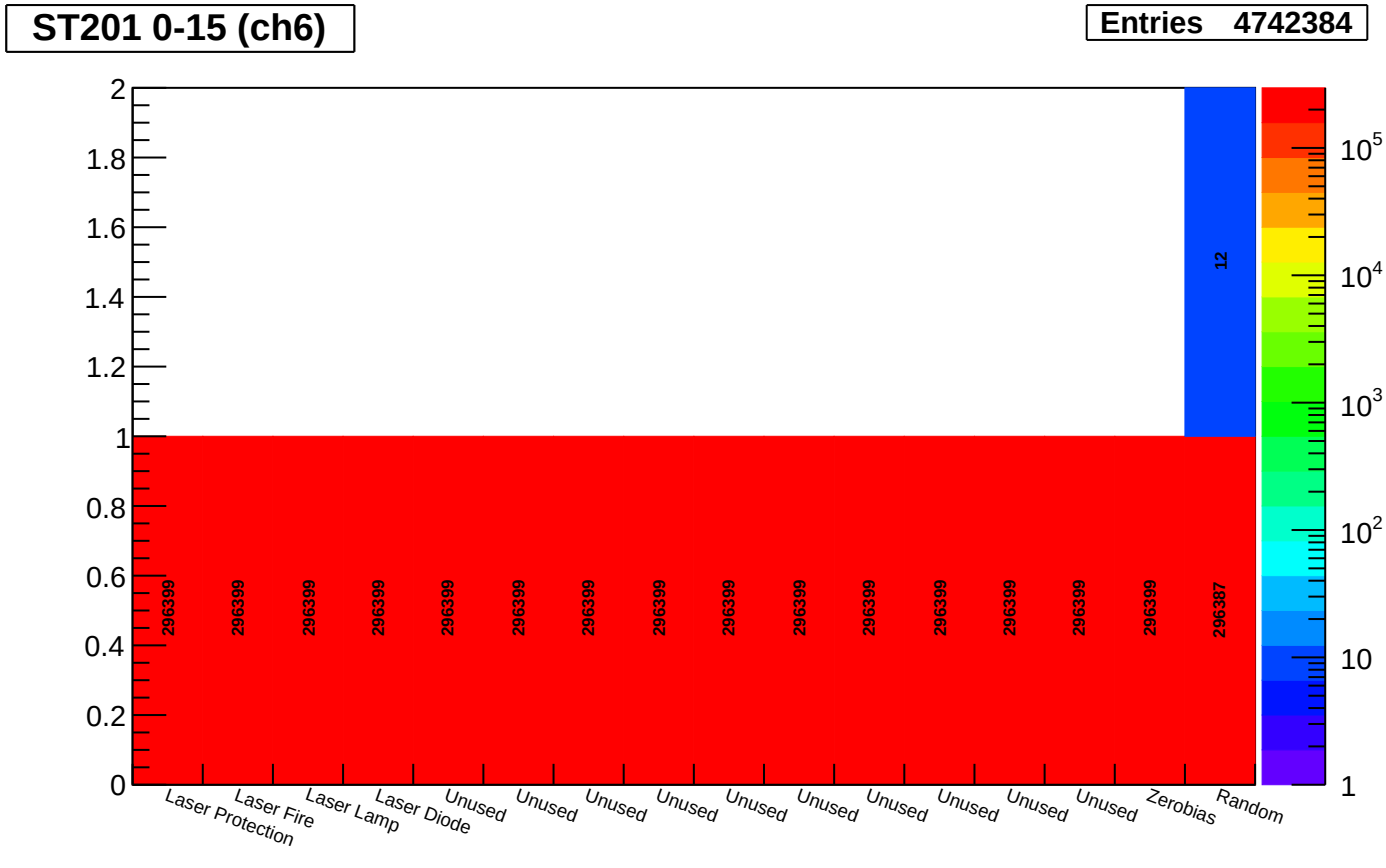

Entries 296399
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

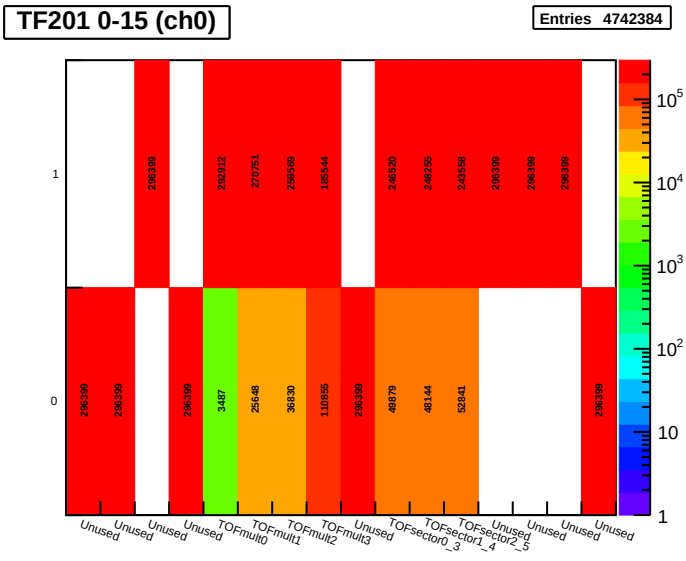

Entries 296399
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

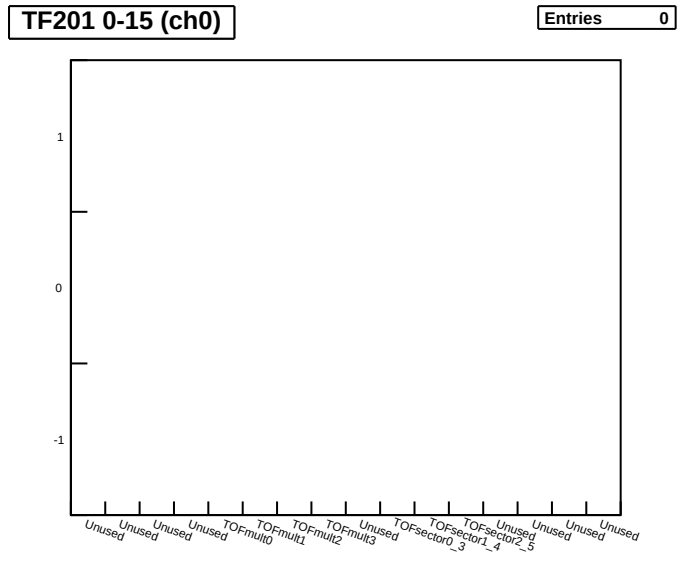

Entries 296399
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

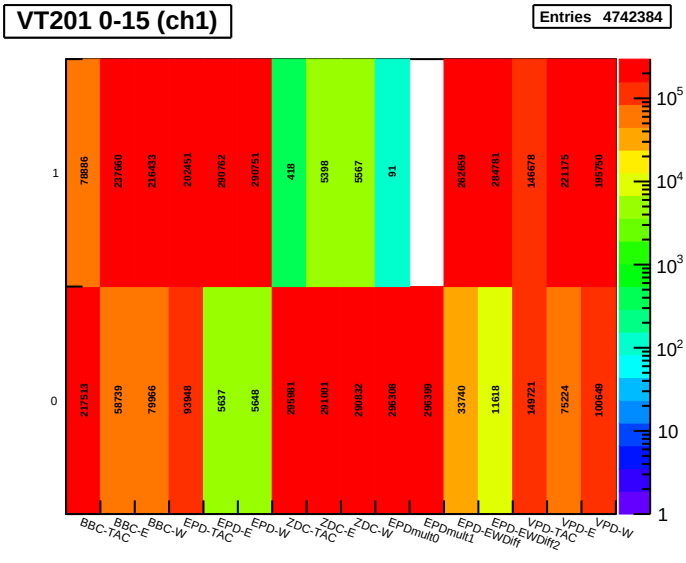

Entries 296399
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

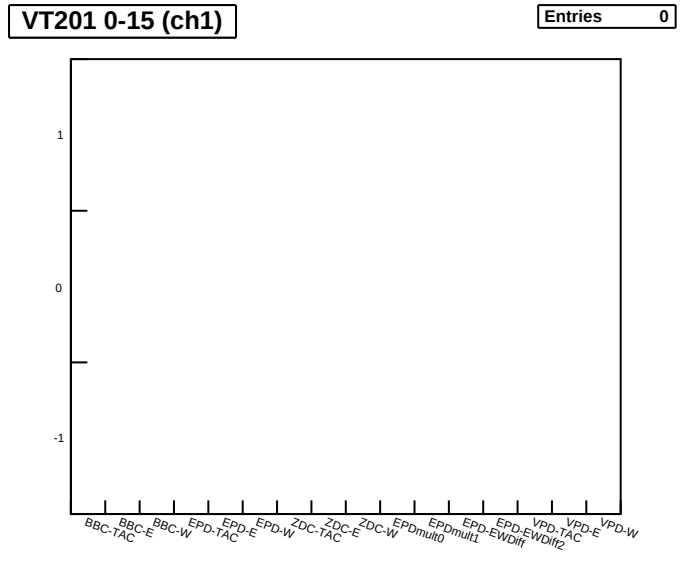

Laser Input Bits
Entries 296399
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

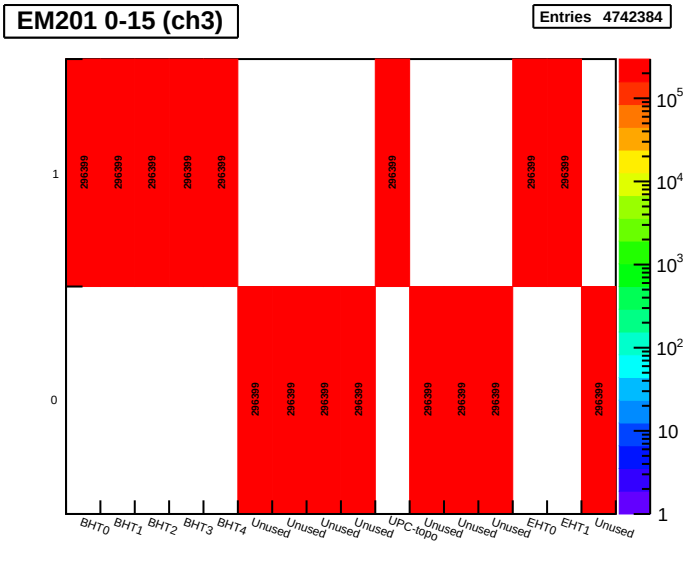

ST201 0-15 (ch6)
Entries 4742384
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
296399
296387
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

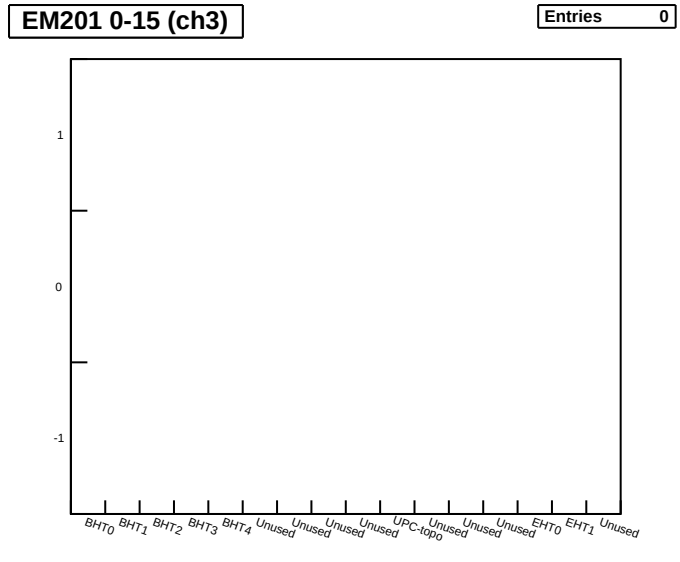

TF201 0-15 (ch0)
Entries 4742384
1
0
296399 296399 296399 296399 296399 292912 270751 289569 185544 296399 296399 296399 296399 296399 296399 296399 296399 3487 25648 36830 110855 296399 49879 48144 52841 296399
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4742384
1
0
78886 237660 216433 202451 290762 290751 418 5398 5567 91 262659 284781 146678 221175 195750
217513 58739 79966 93948 5637 5648 295981 291001 290832 296308 296399 33740 11618 149721 75224 100649
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 4742384
1
0
296399 296399 296399 296399 296399 296399 296399 296399 296399
296399 296399 296399 296399 296399 296399 296399 296399
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