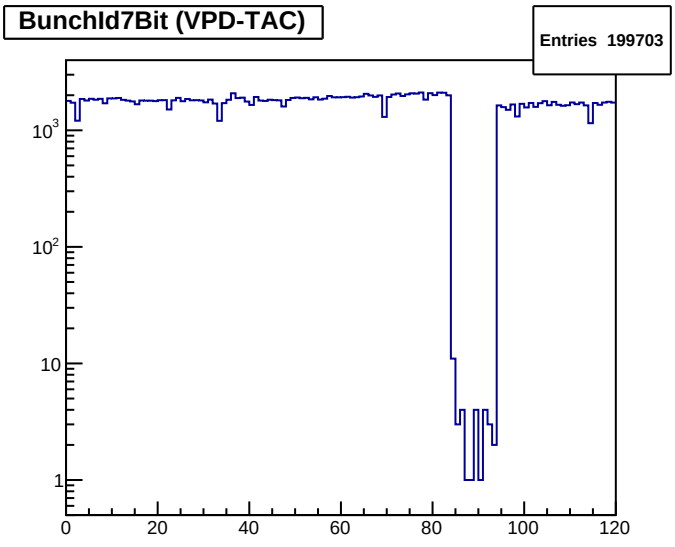
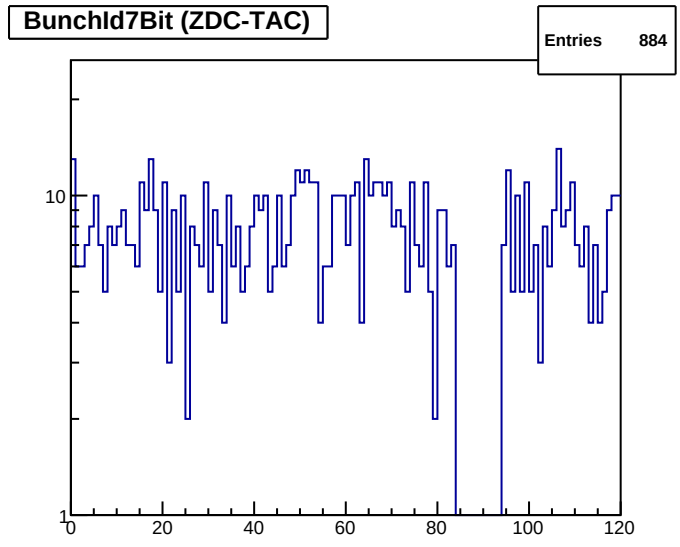
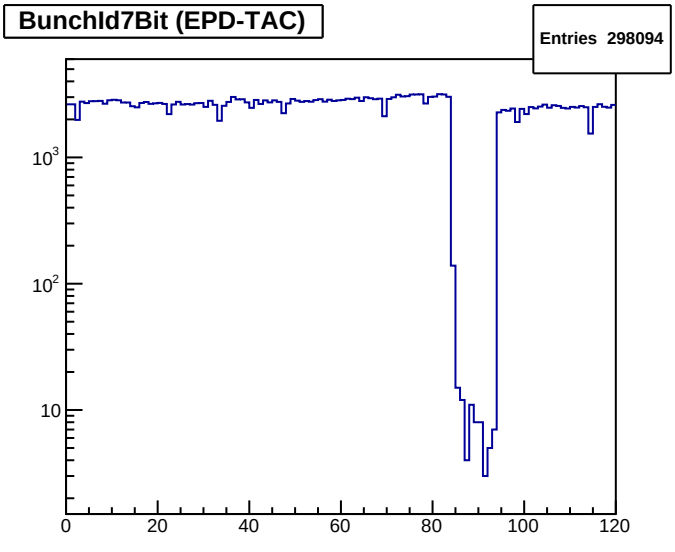
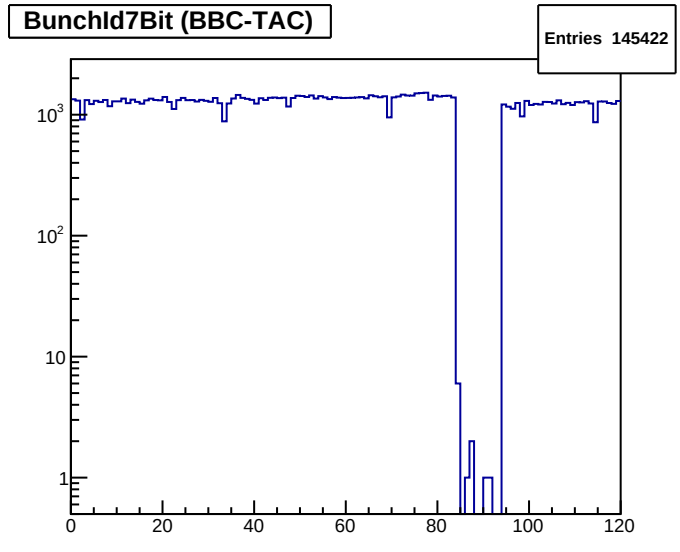
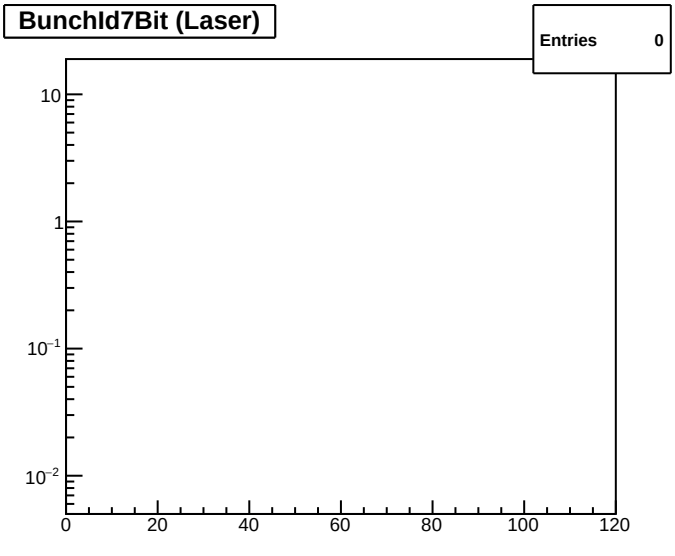
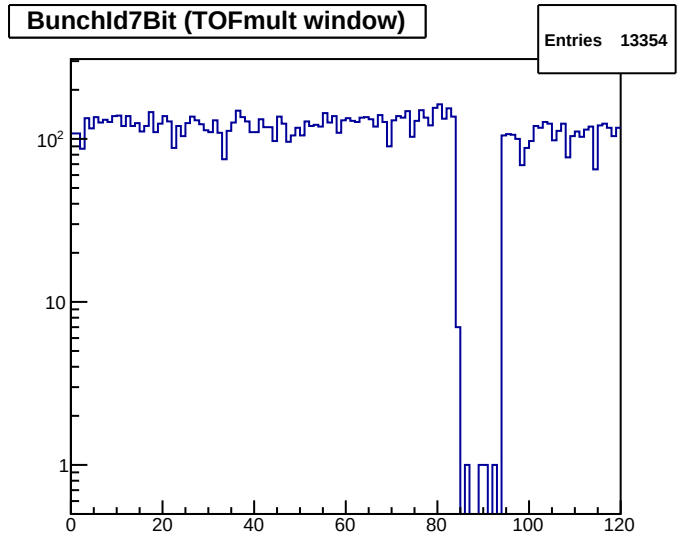

BunchId7Bit (VPD-TAC)
Entries 199703

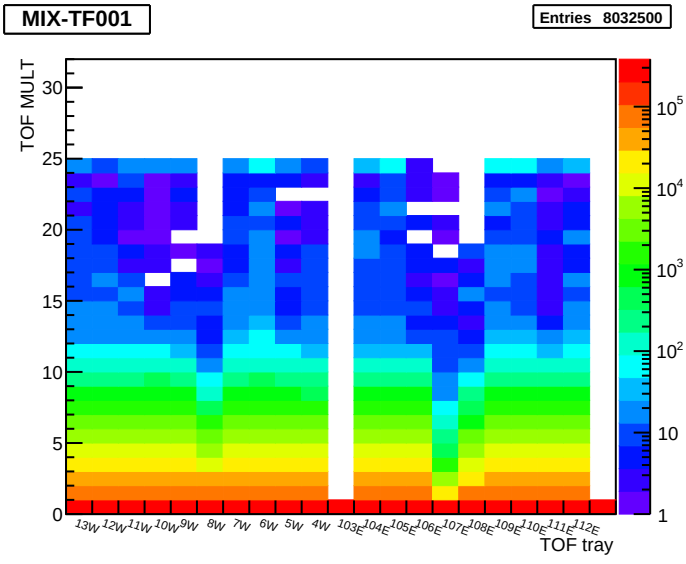

BunchId7Bit (ZDC-TAC)
Entries 884

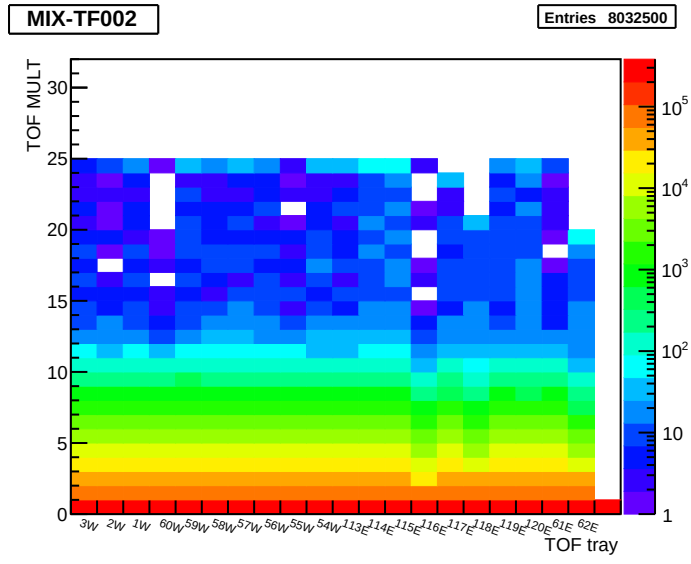

BunchId7Bit (EPD-TAC)
Entries 298094

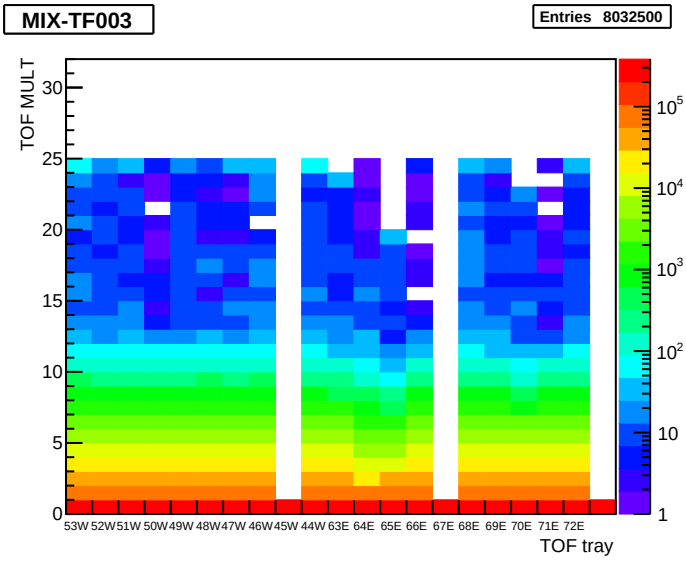

BunchId7Bit (BBC-TAC)
Entries 145422

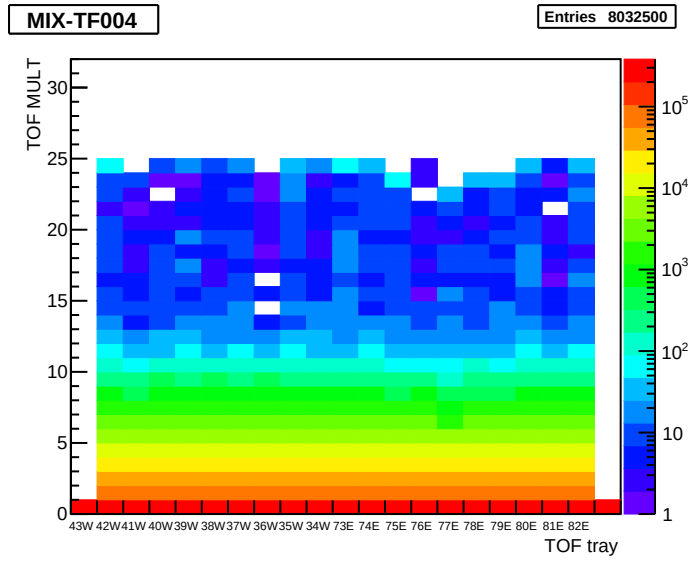

BunchId7Bit (Laser)
Entries 0

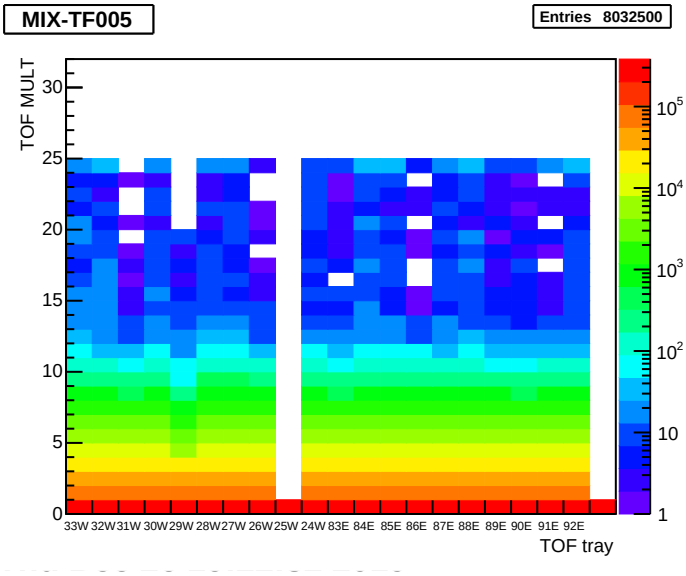

BunchId7Bit (TOFmult window)
Entries 13354

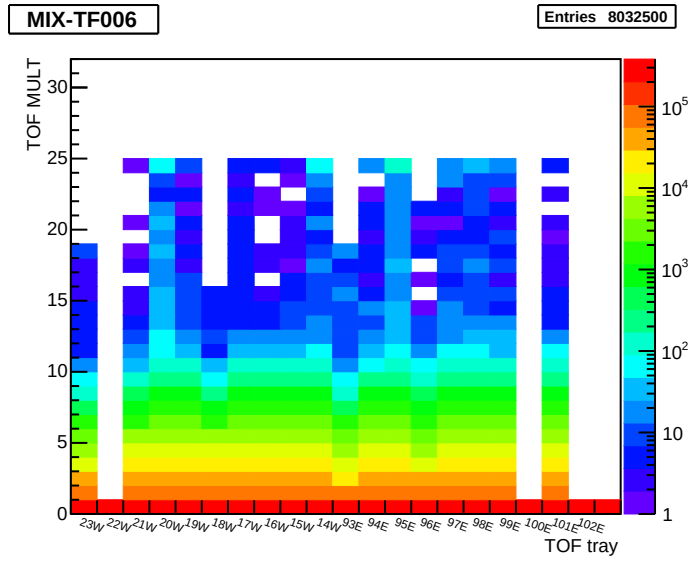

MIX-TF001
Entries 8032500
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

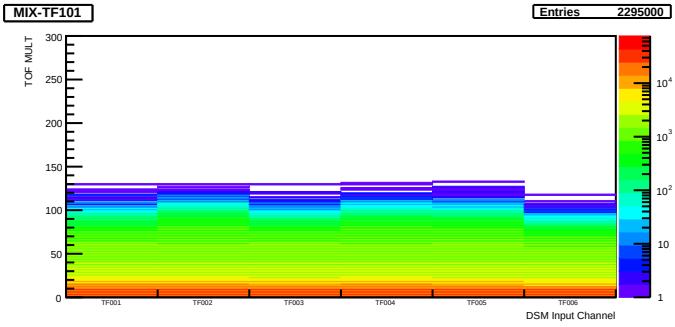

MIX-TF002
Entries 8032500
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

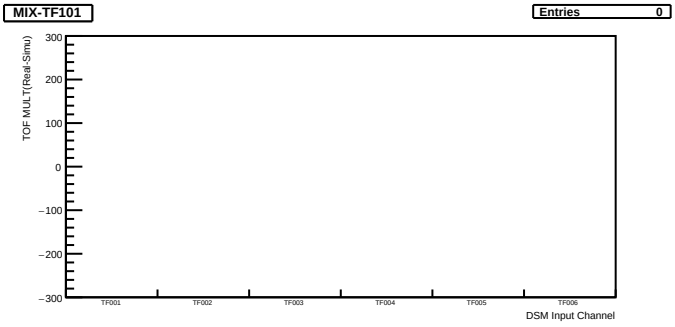

MIX-TF003
Entries 8032500
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

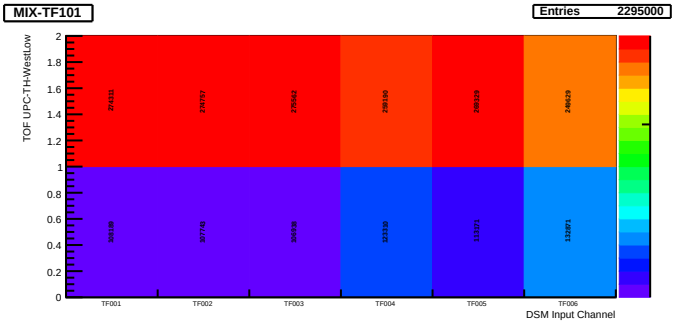

MIX-TF004
Entries 8032500
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

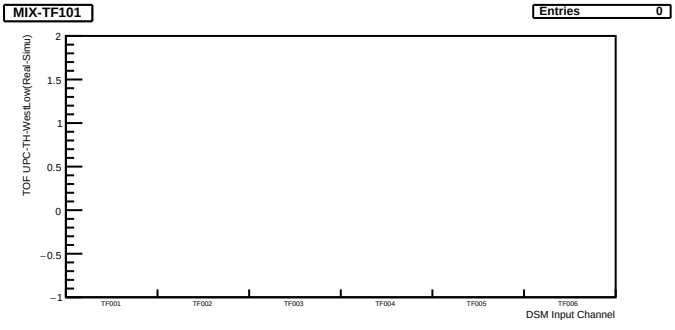

MIX-TF005
Entries 8032500
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

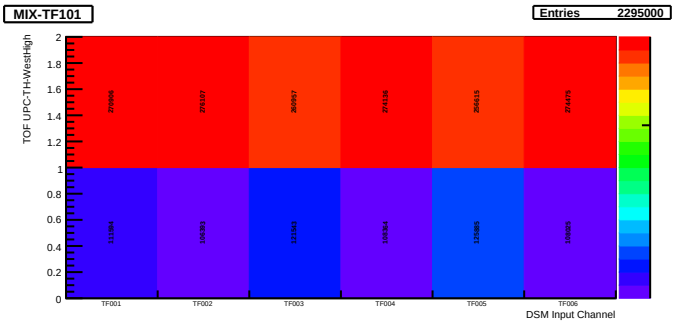

MIX-TF006
Entries 8032500
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

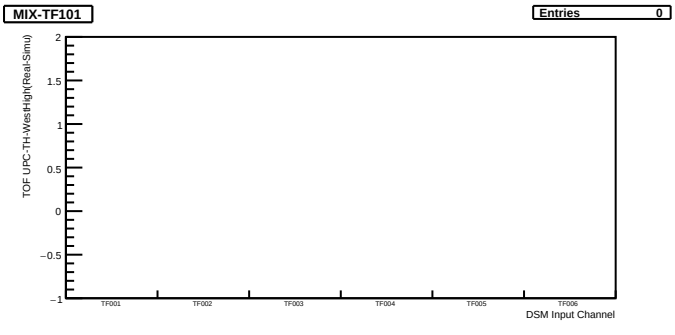

MIX-TF101
Entries 2295000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

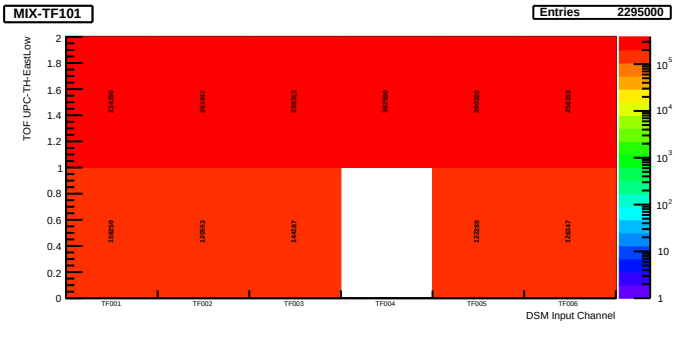

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

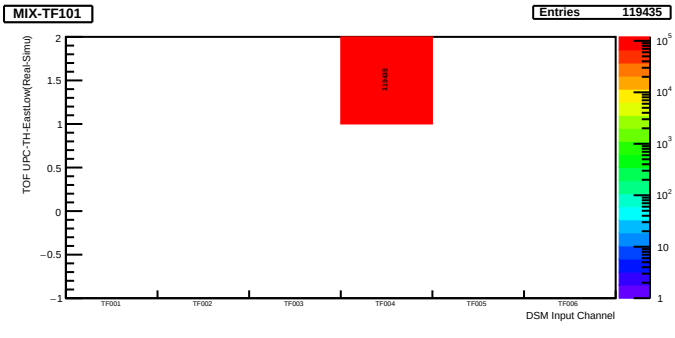

MIX-TF101
Entries 2295000
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

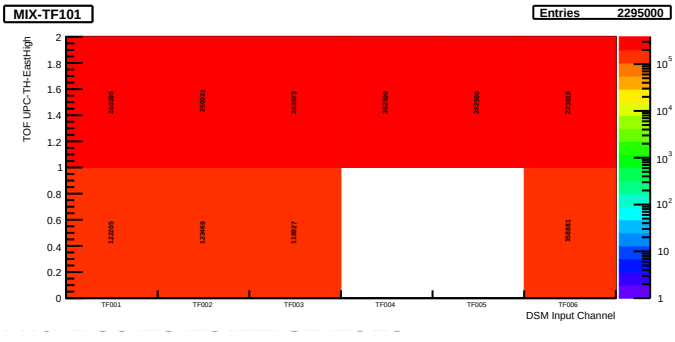

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

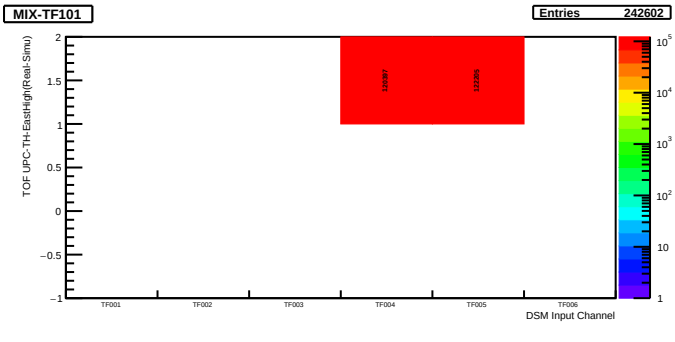

MIX-TF101
Entries 2295000
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

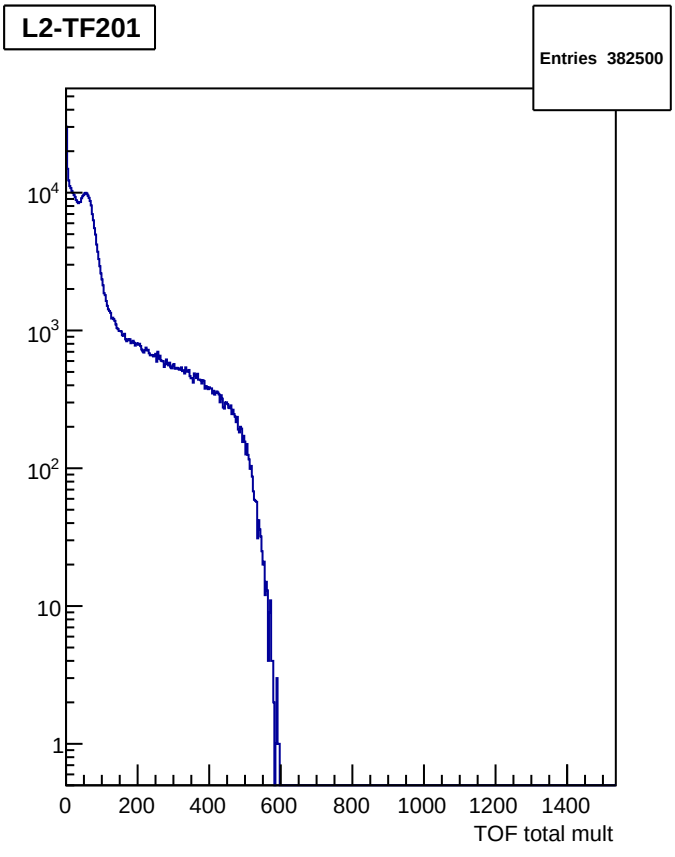

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

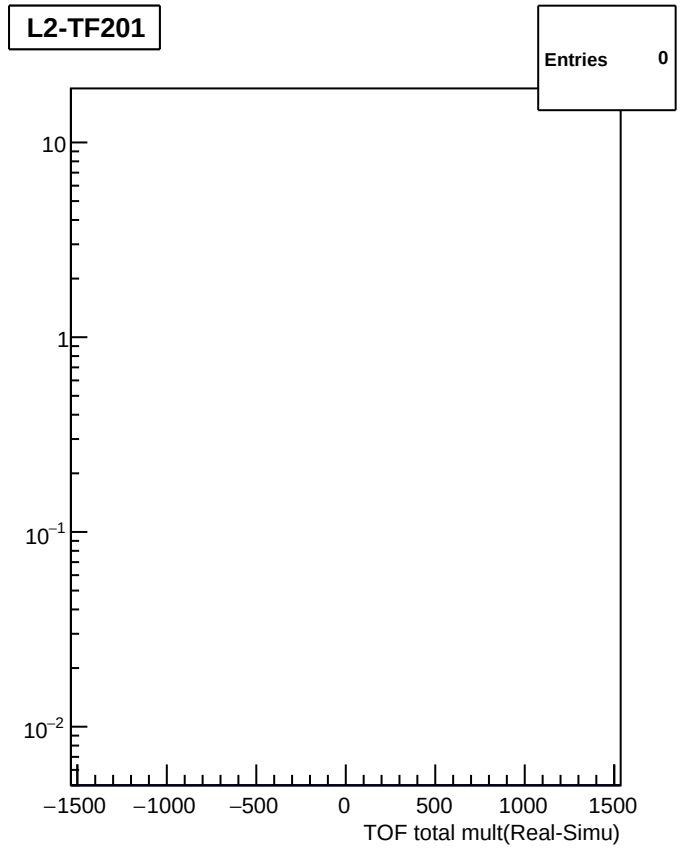

MIX-TF101
Entries 2295000
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

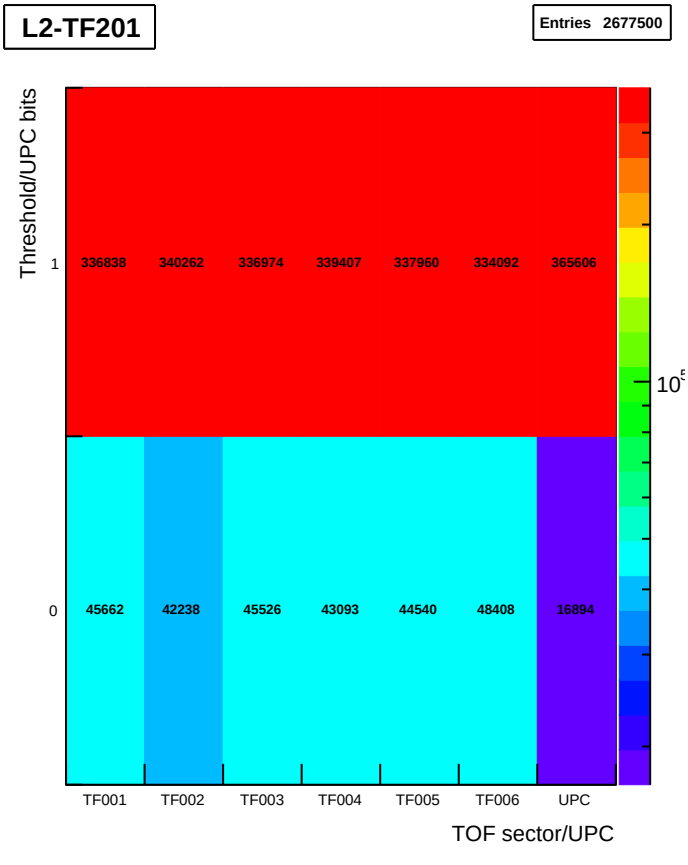

MIX-TF101
Entries 119435
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

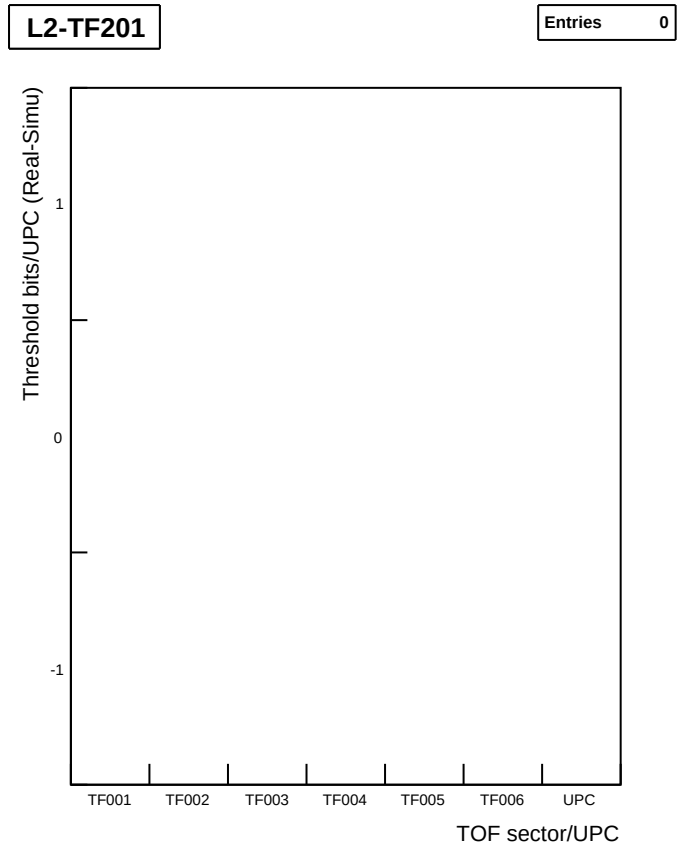

MIX-TF101
Entries 2295000
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

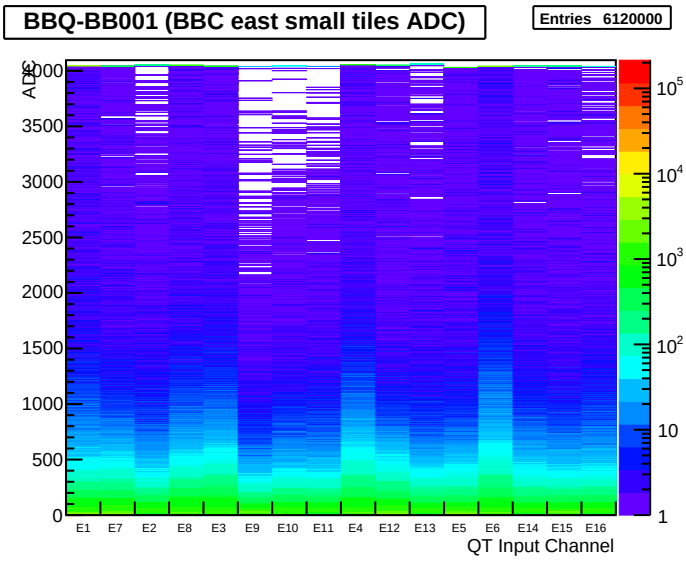

MIX-TF101
Entries 242602
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

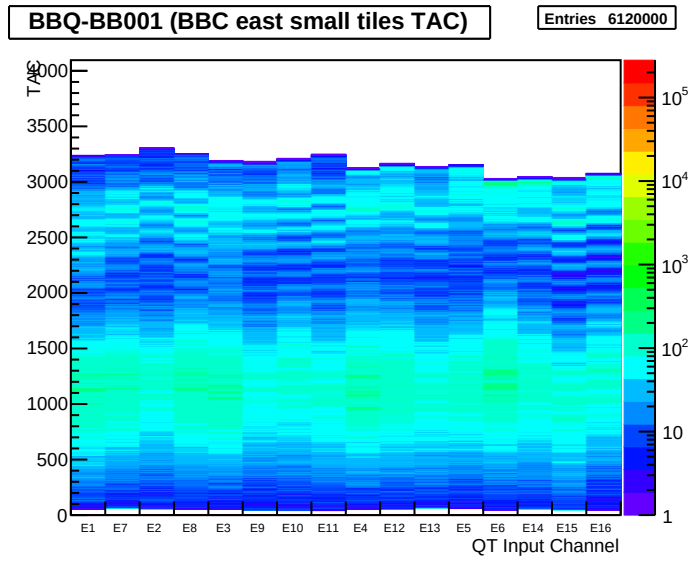

L2-TF201
Entries 382500
TOF total mult

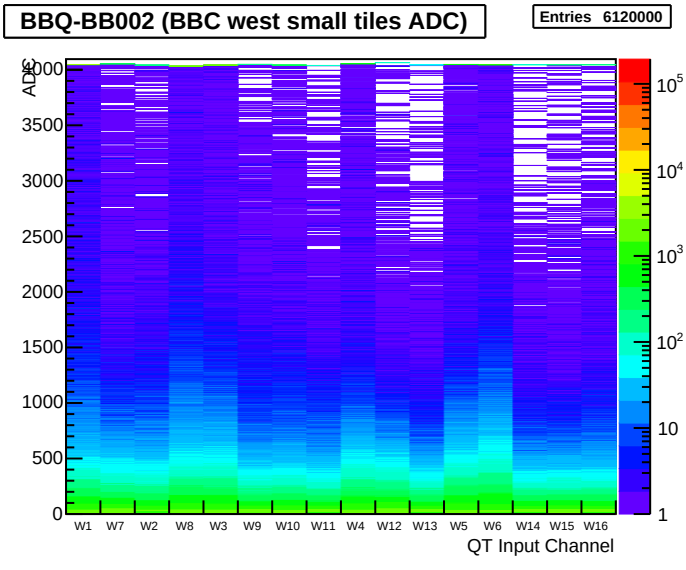

L2-TF201
Entries 0
TOF total mult(Real-Simu)

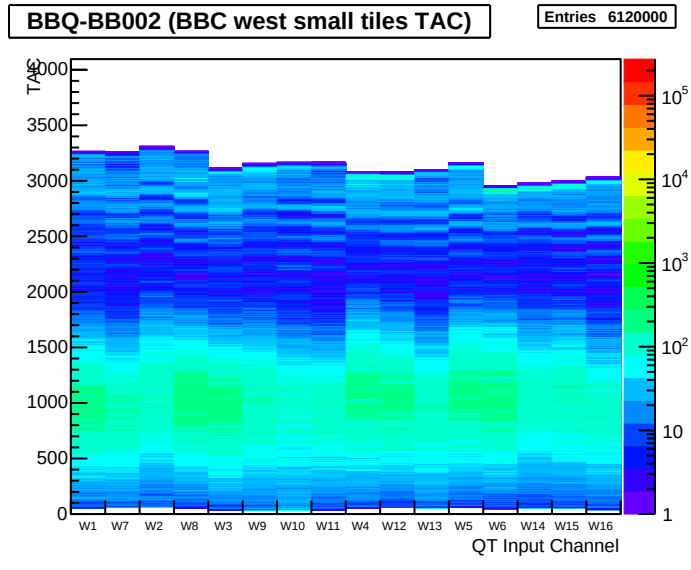

L2-TF201
Entries 2677500
Threshold/UPC bits
336838
340262
336974
339407
337960
334092
365606
45662
42238
45526
43093
44540
48408
16894
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

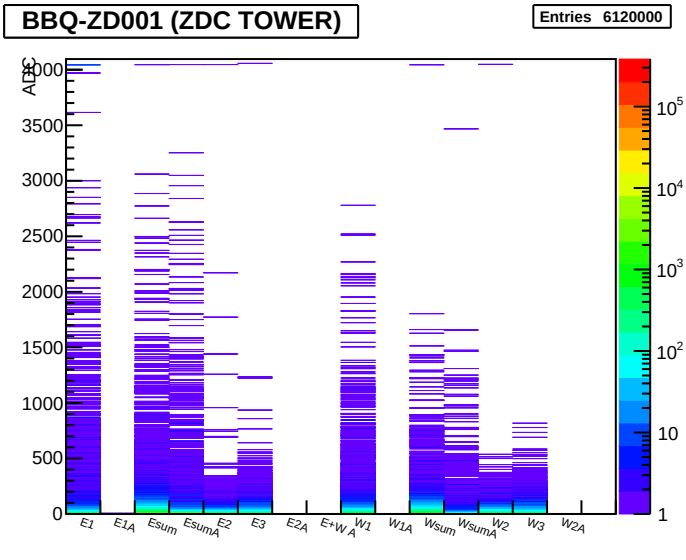

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

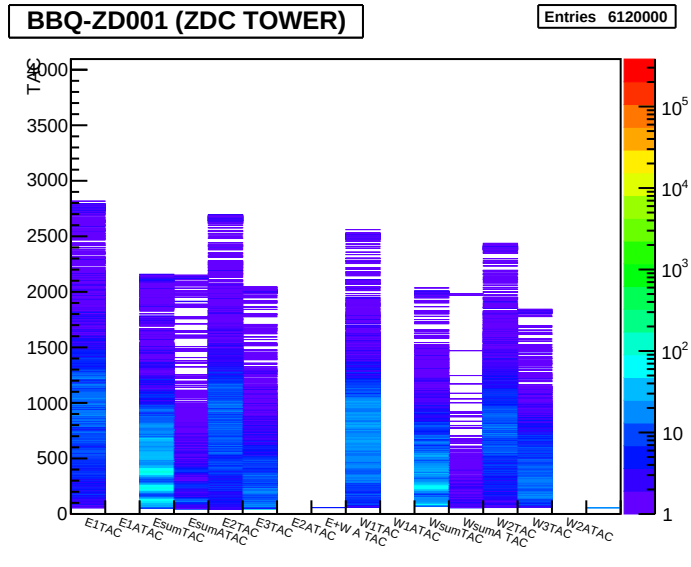

BBQ-BB001 (BBC east small tiles ADC)
Entries 6120000
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

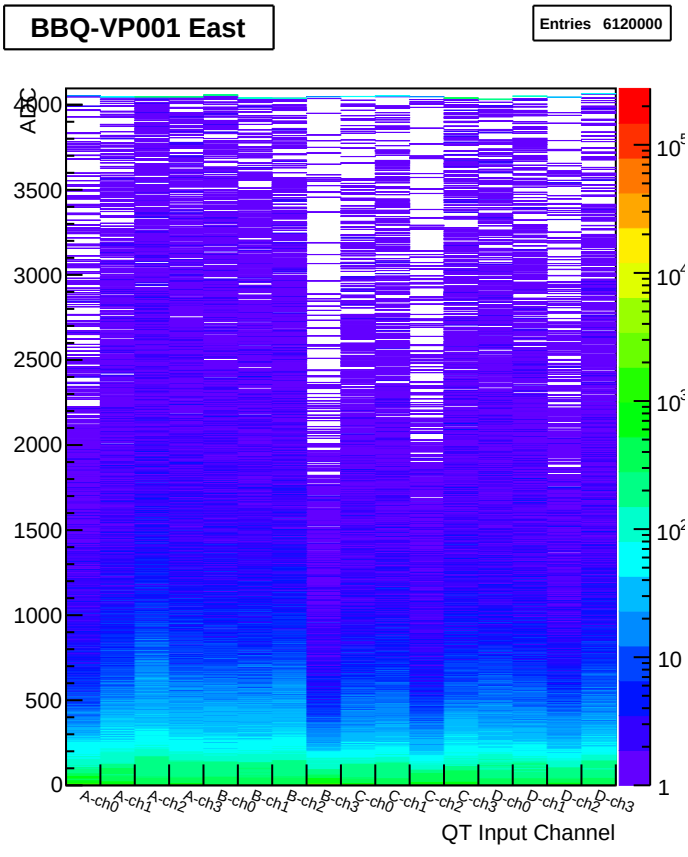

BBQ-BB001 (BBC east small tiles TAC)
Entries 6120000
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

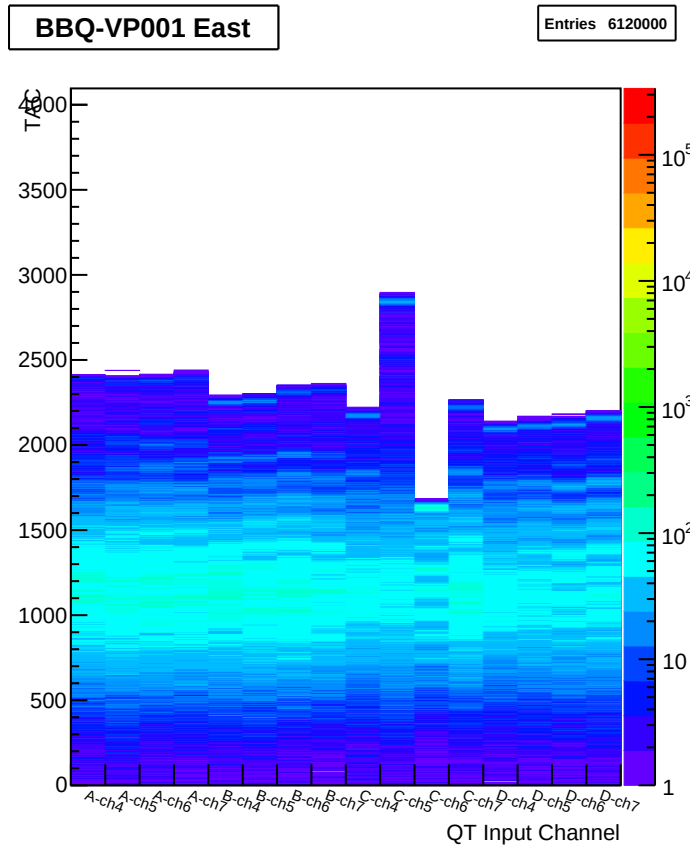

BBQ-BB002 (BBC west small tiles ADC)
Entries 6120000
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

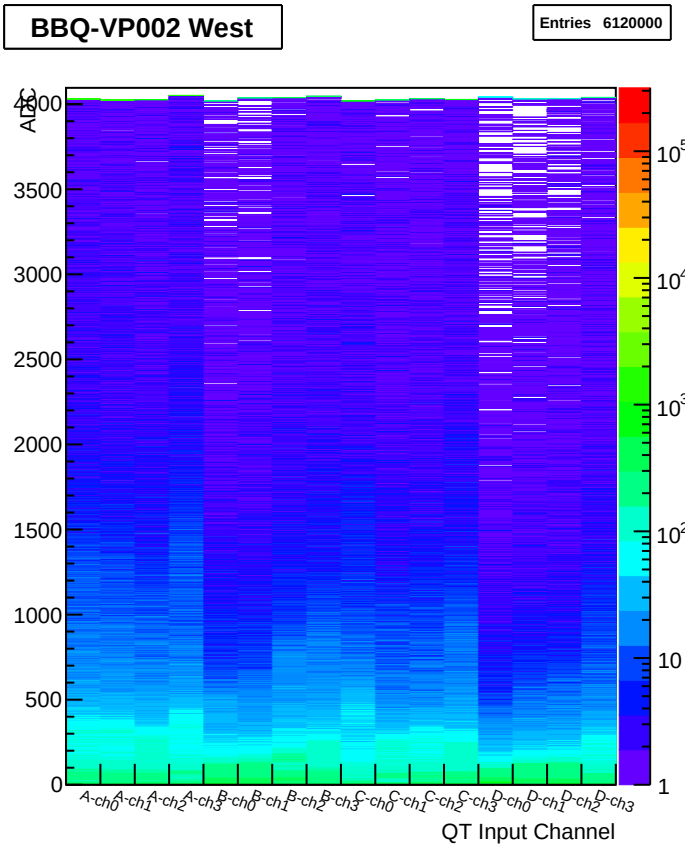

BBQ-BB002 (BBC west small tiles TAC)
Entries 6120000
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

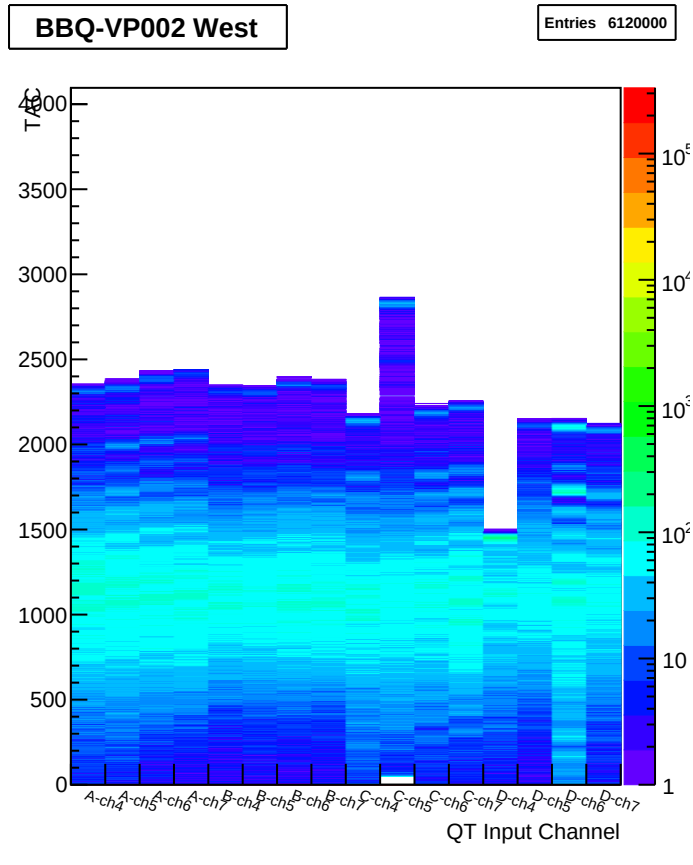

BBQ-ZD001 (ZDC TOWER)
Entries 6120000
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

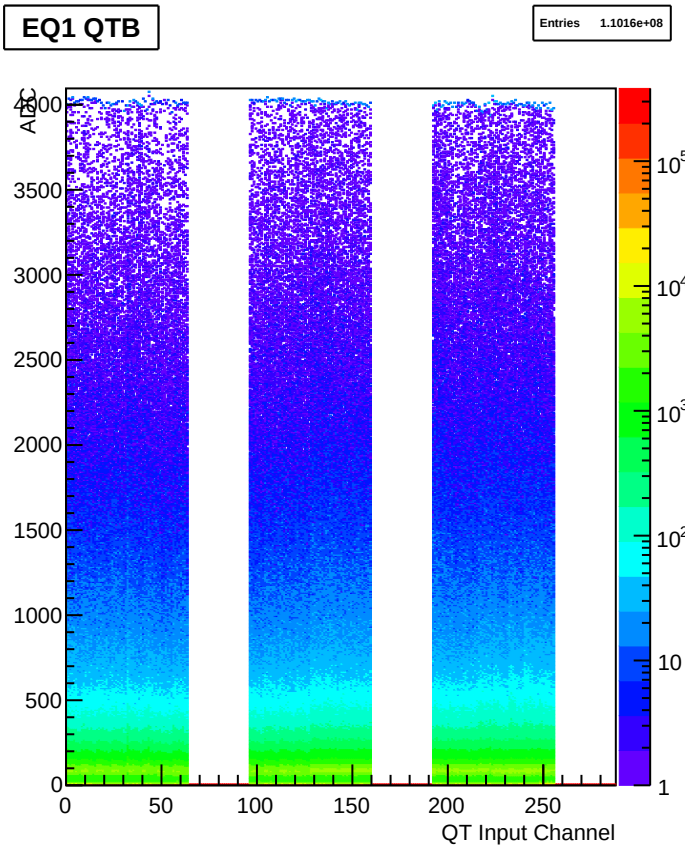

BBQ-ZD001 (ZDC TOWER)
Entries 6120000
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

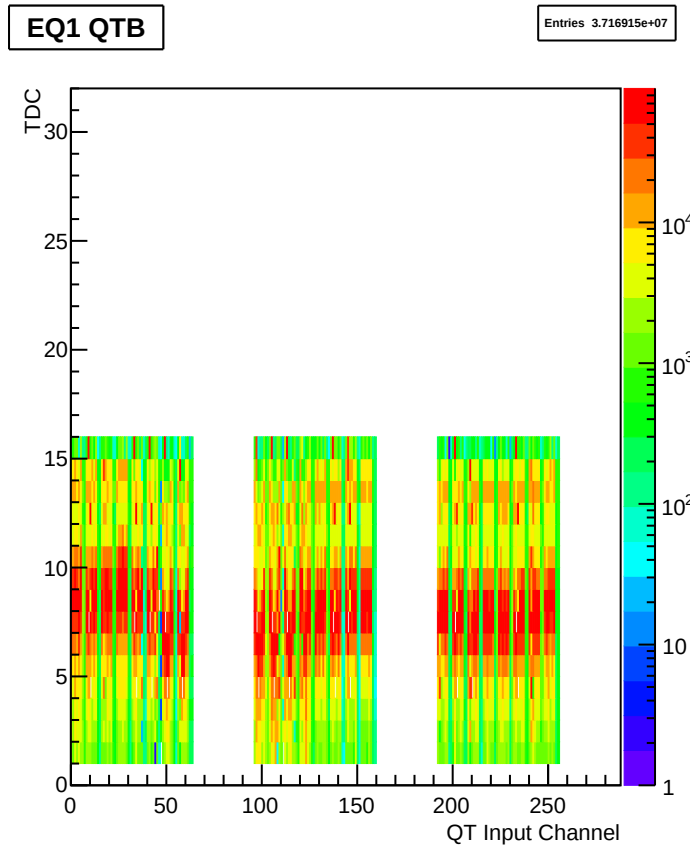

BBQ-VP001 East
Entries 6120000
ADC
QT Input Channel

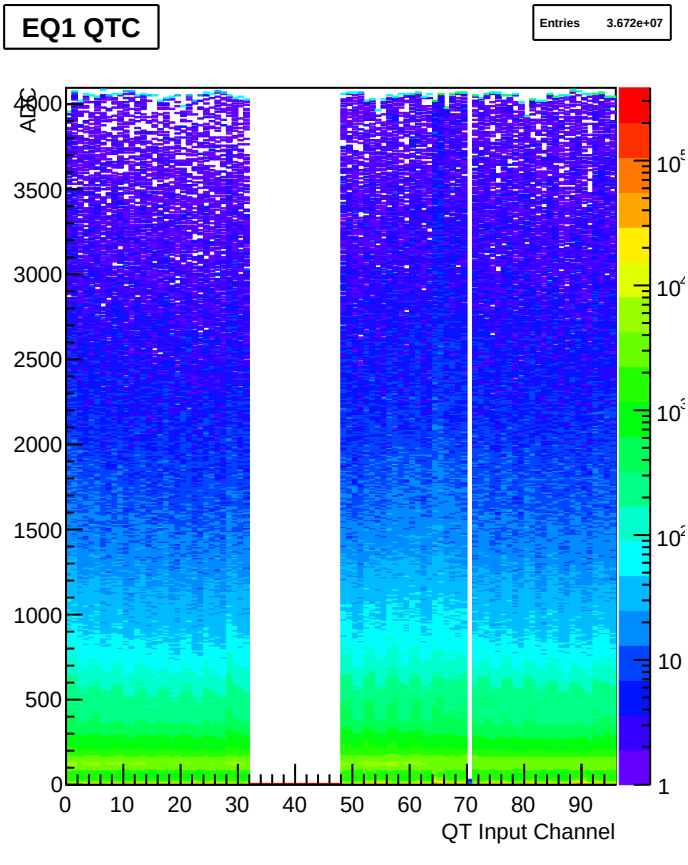

BBQ-VP001 East
Entries 6120000
TAC
QT Input Channel

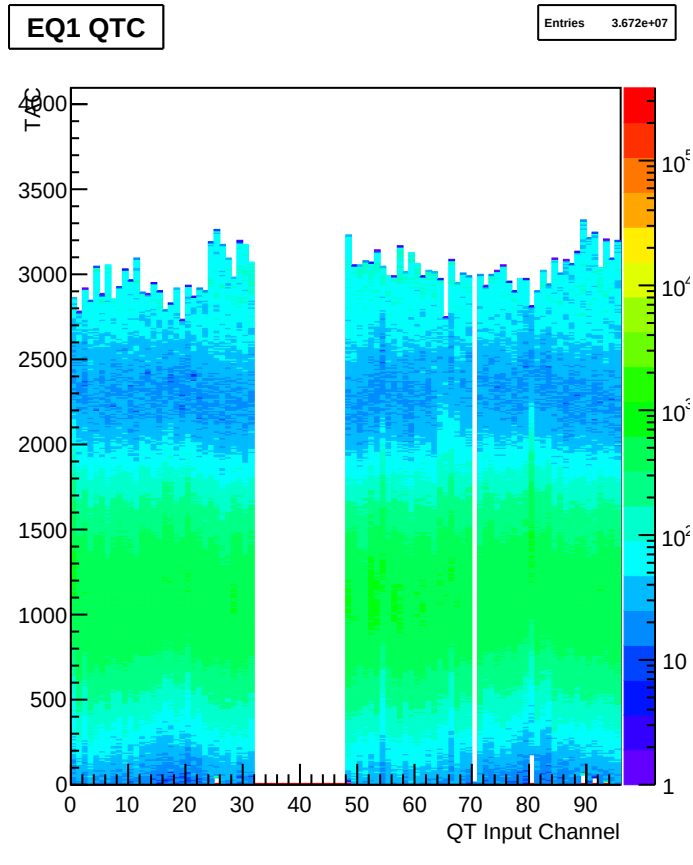

BBQ-VP002 West
Entries 6120000
ADC
QT Input Channel

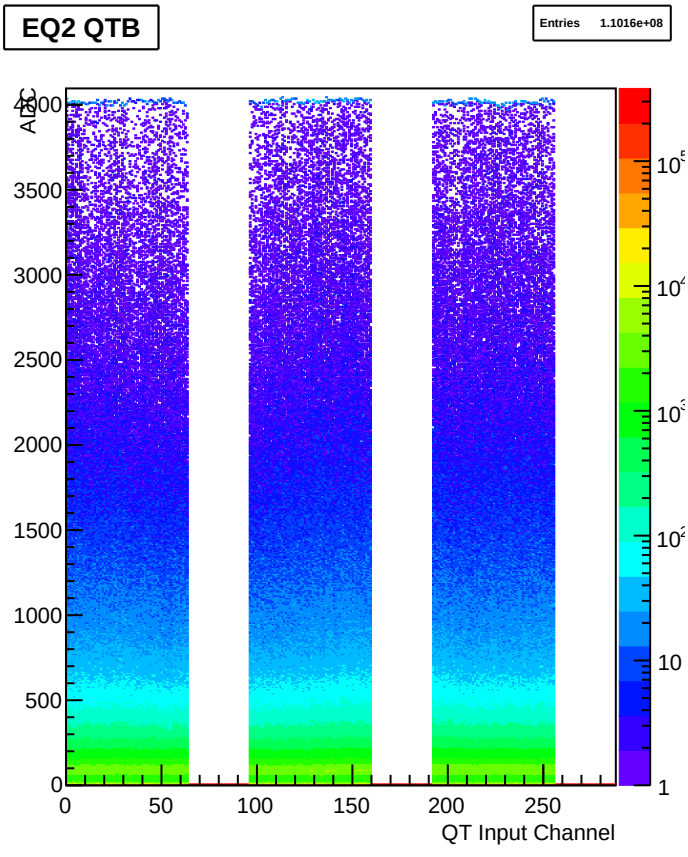

BBQ-VP002 West
Entries 6120000
TAC
QT Input Channel

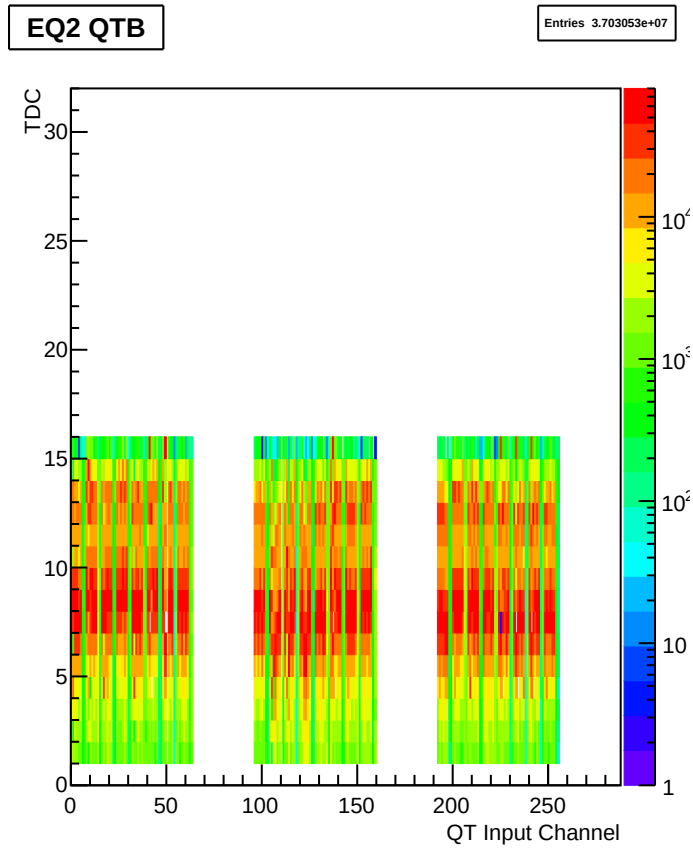

EQ1 QTB
Entries 1.1016e+08
ADC
QT Input Channel

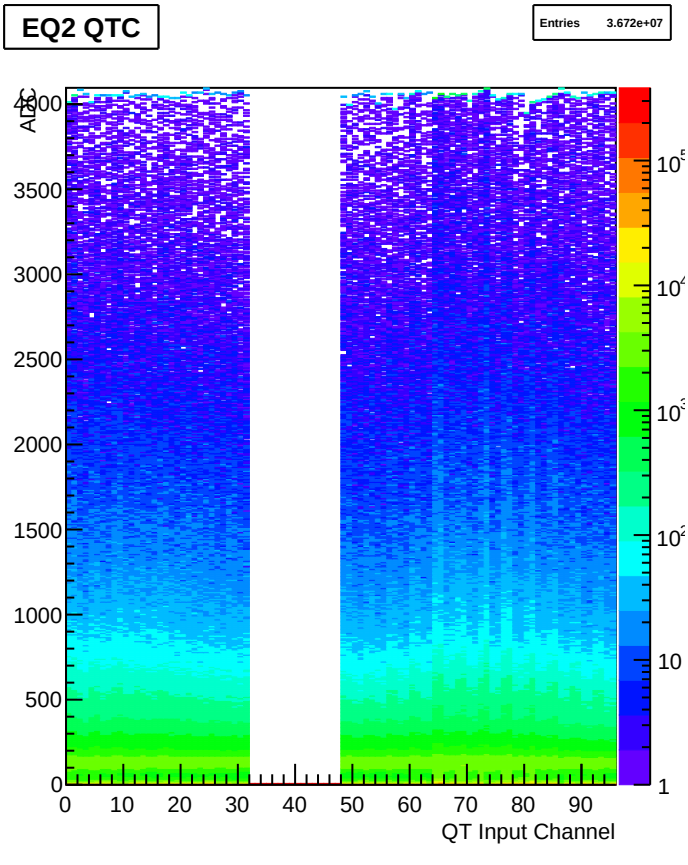

EQ1 QTB
Entries 3.716915e+07
TDC
QT Input Channel

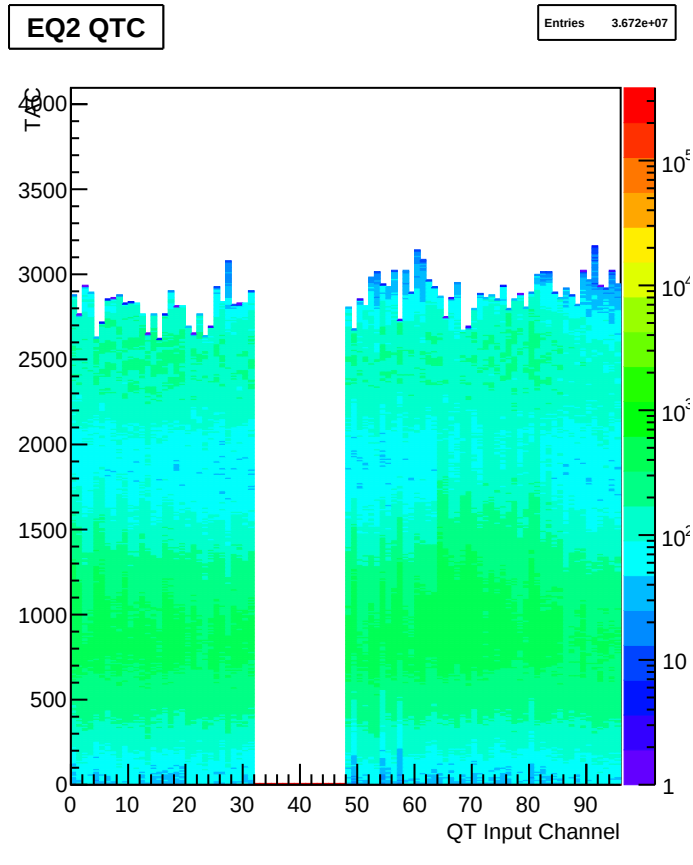

EQ1 QTC
Entries 3.672e+07
ADC
QT Input Channel

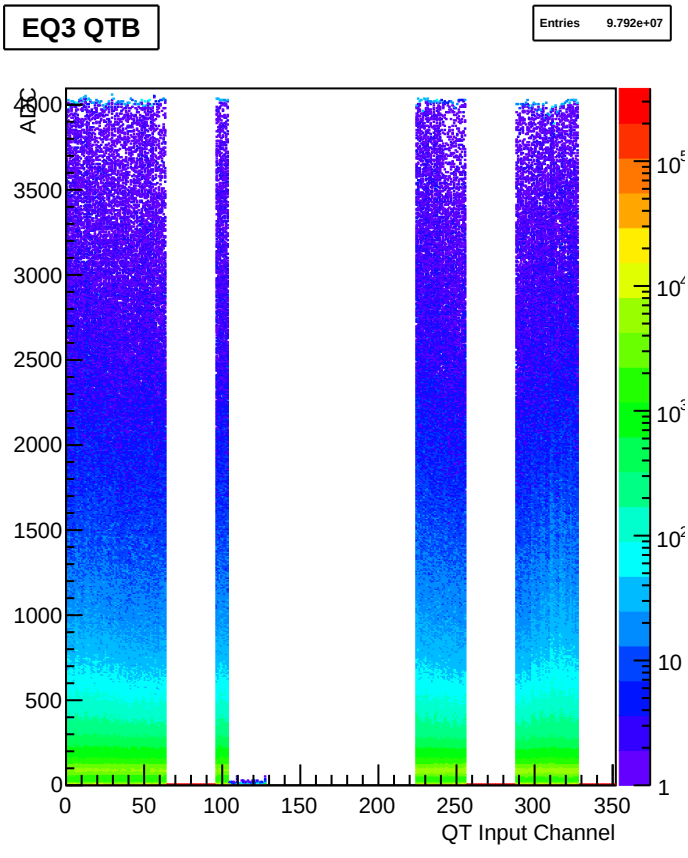

EQ1 QTC
Entries 3.672e+07
TADC
QT Input Channel

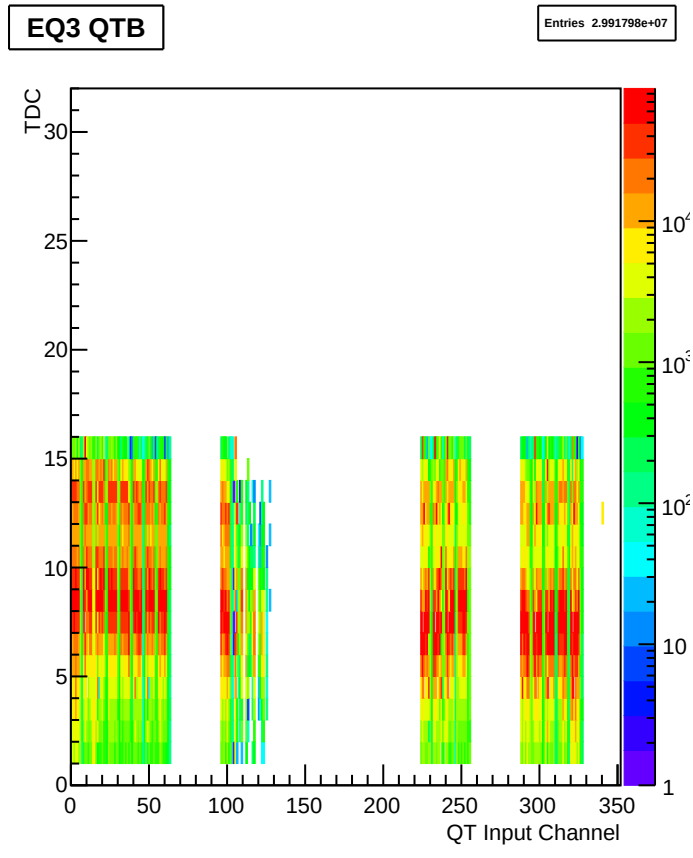

EQ2 QTB
Entries 1.1016e+08
ADC
QT Input Channel

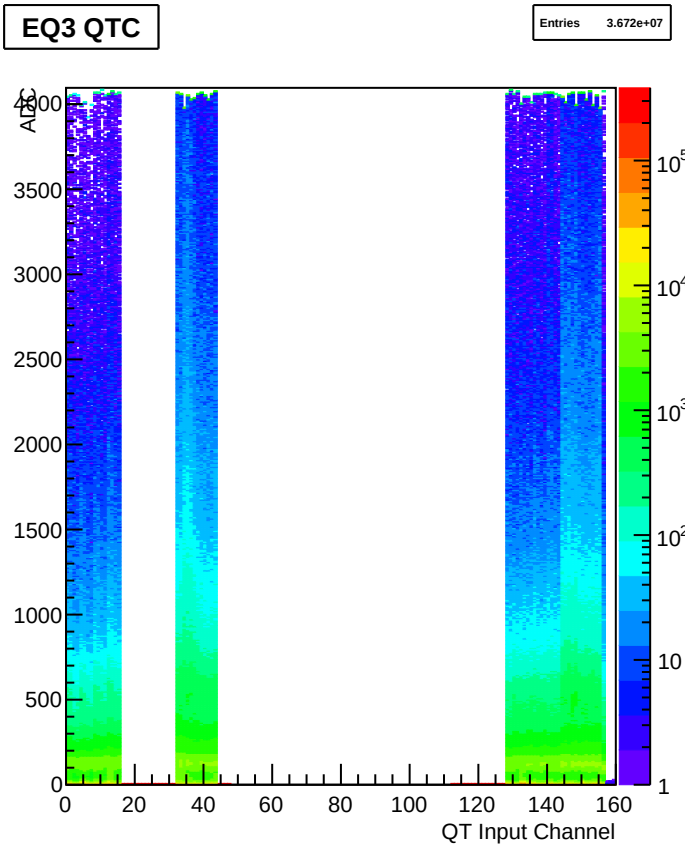

EQ2 QTB
Entries 3.703053e+07
TDC
QT Input Channel

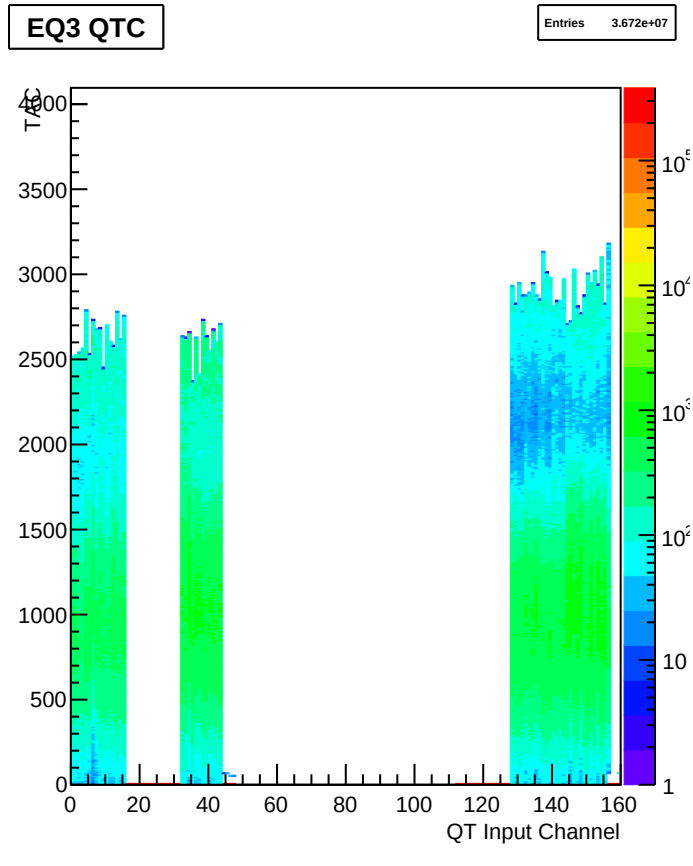

EQ2 QTC
Entries 3.672e+07
ADC
QT Input Channel

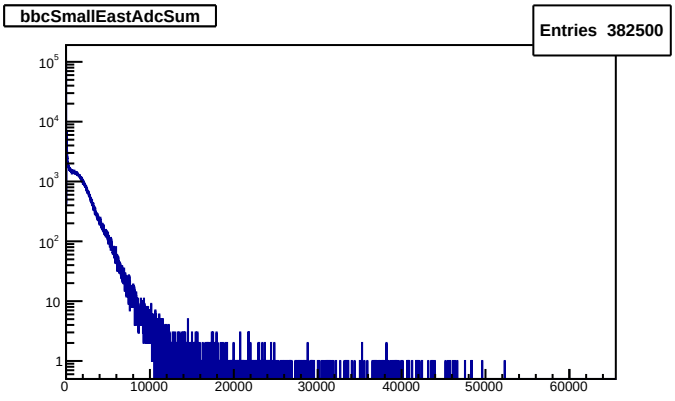

EQ2 QTC
Entries 3.672e+07
TADC
QT Input Channel

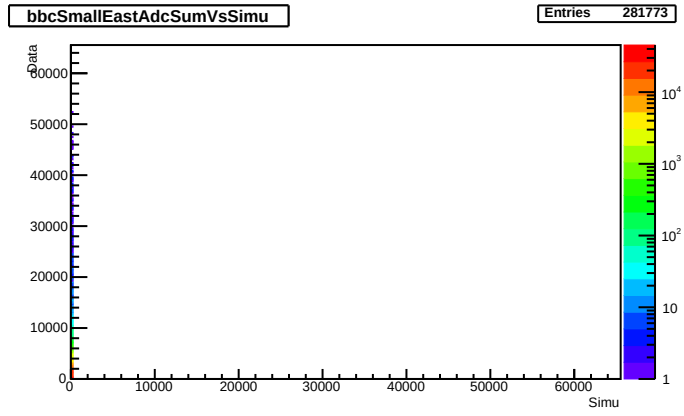

EQ3 QTB
Entries 9.792e+07
ADC
QT Input Channel

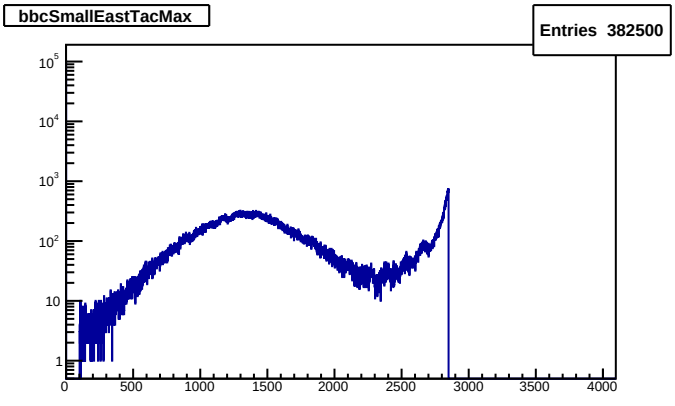

EQ3 QTB
Entries 2.991798e+07
TDC
QT Input Channel

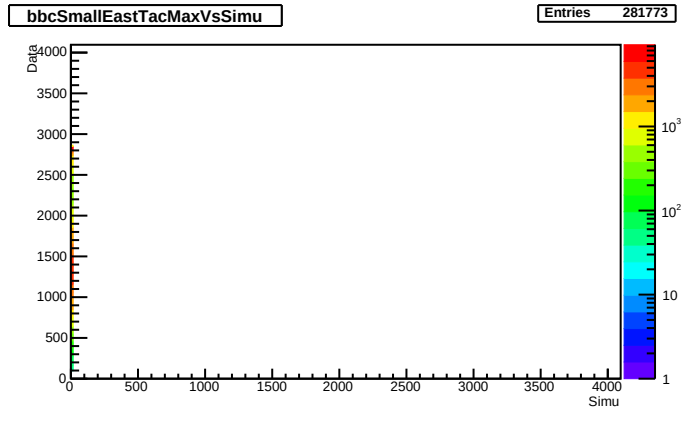

EQ3 QTC
Entries 3.672e+07
ADC
QT Input Channel

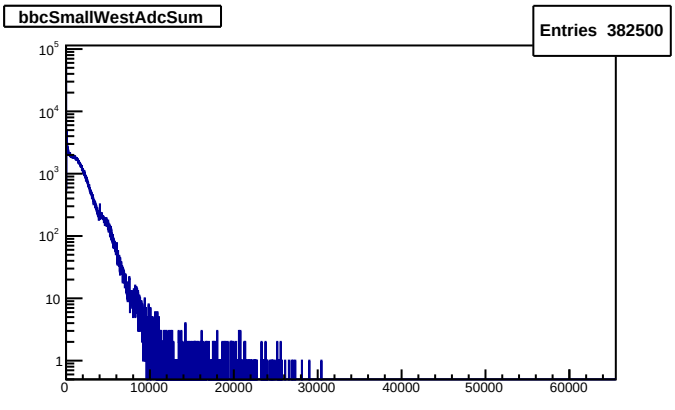

EQ3 QTC
Entries 3.672e+07
TADC
QT Input Channel

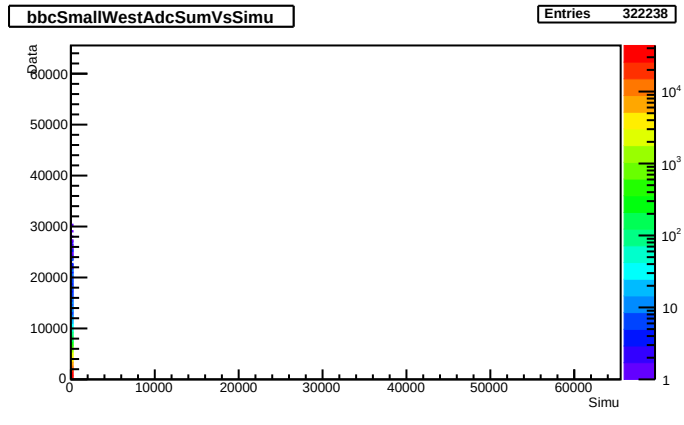

bbcSmallEastAdcSum
Entries 382500

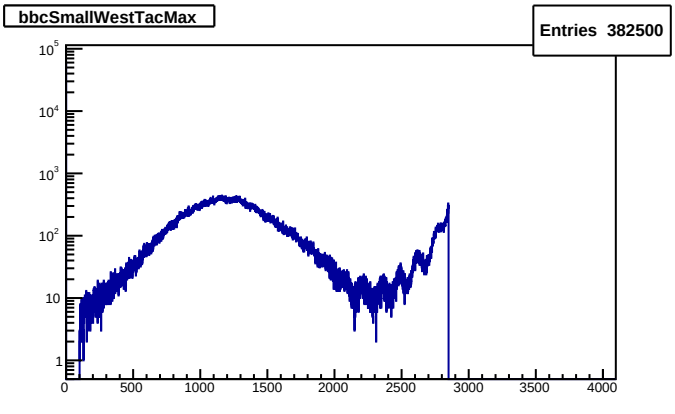

bbcSmallEastAdcSumVsSimu
Entries 281773
Data
Simu

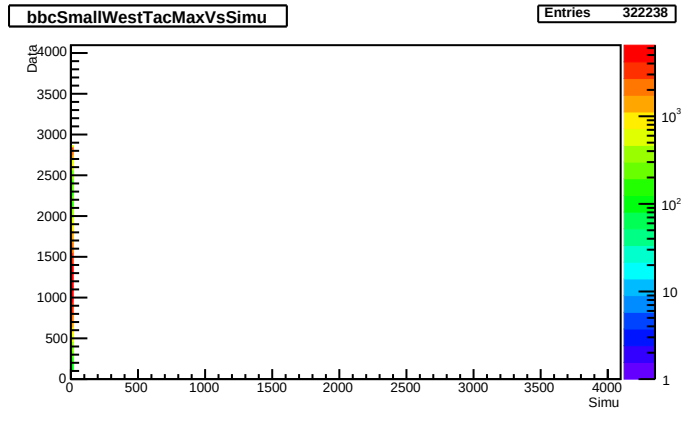

bbcSmallEastTacMax
Entries 382500

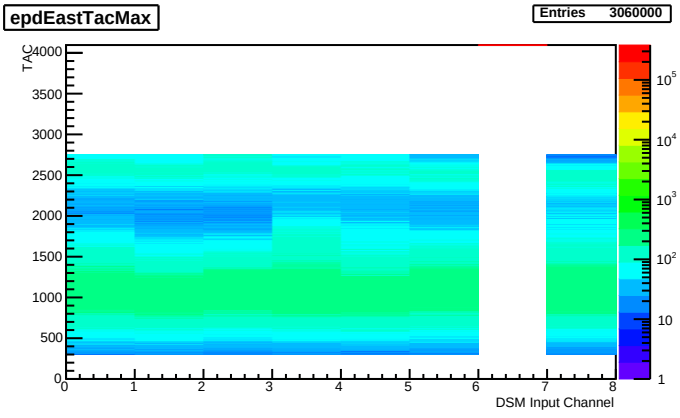

bbcSmallEastTacMaxVsSimu
Entries 281773
Data
Simu

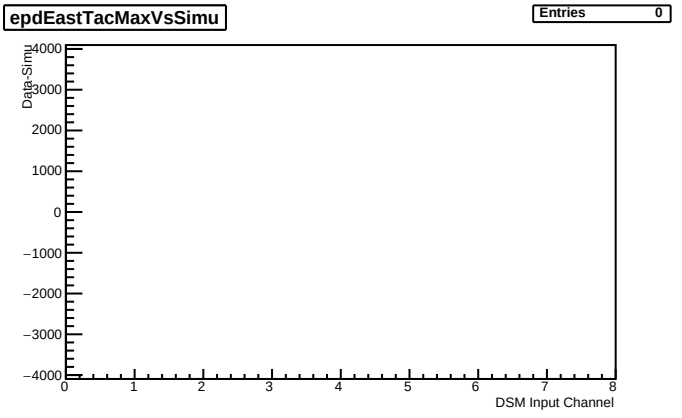

bbcSmallWestAdcSum
Entries 382500

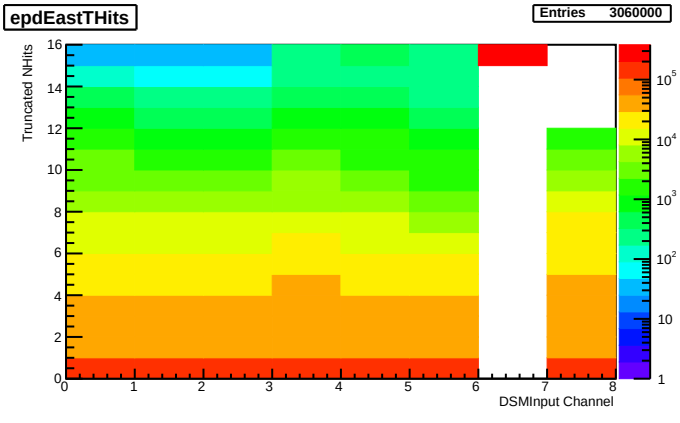

bbcSmallWestAdcSumVsSimu
Entries 322238
Data
Simu

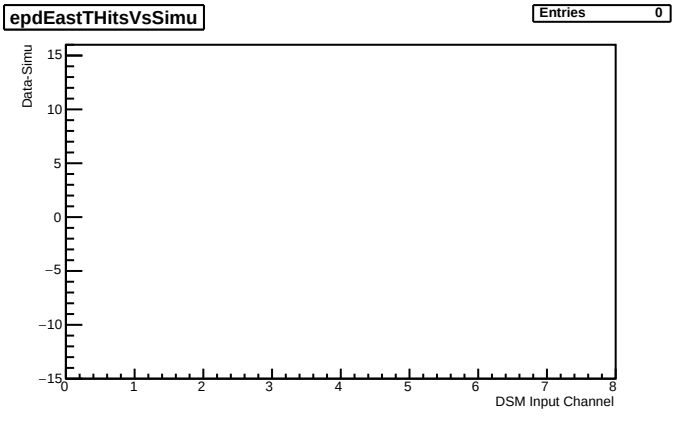

bbcSmallWestTacMax
Entries 382500


bbcSmallWestTacMaxVsSimu
Entries 322238
Data
Simu


epdEastTacMax
Entries 3060000
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3060000
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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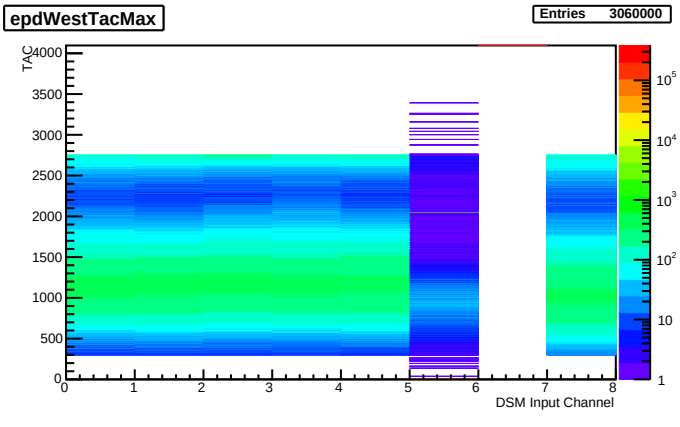
Data-Simu
DSM Input Channel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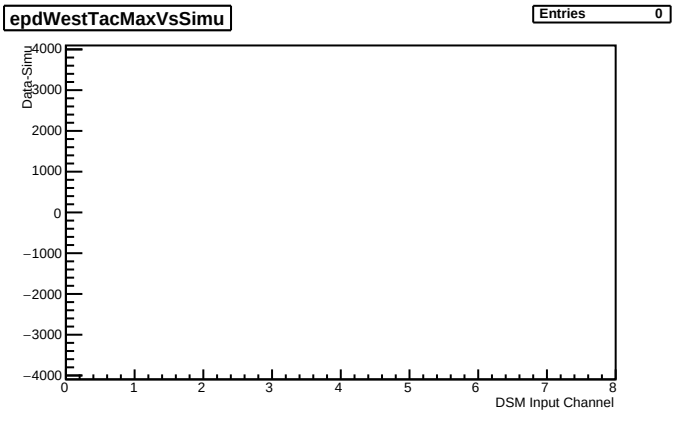
Entries 3060000
TAC
DSM Input Channel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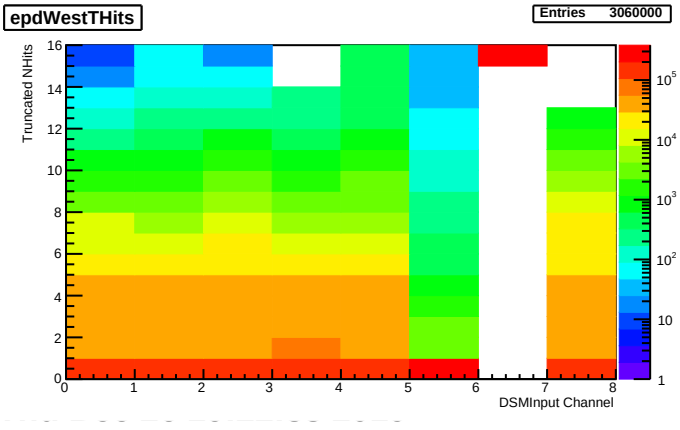
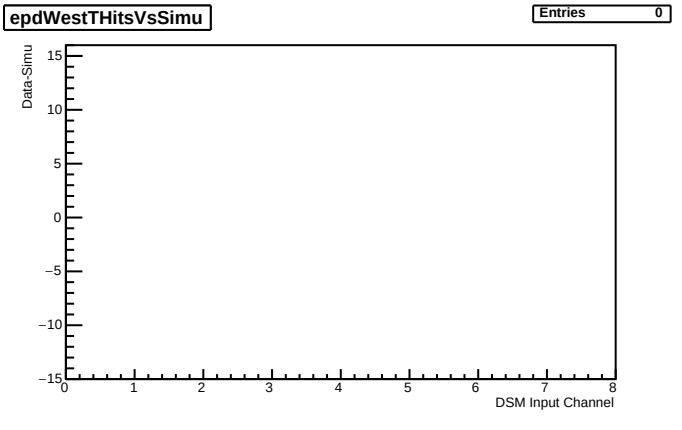
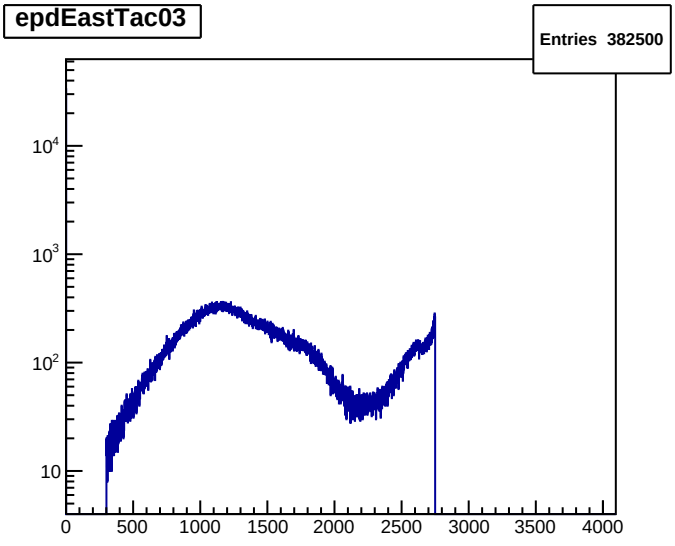
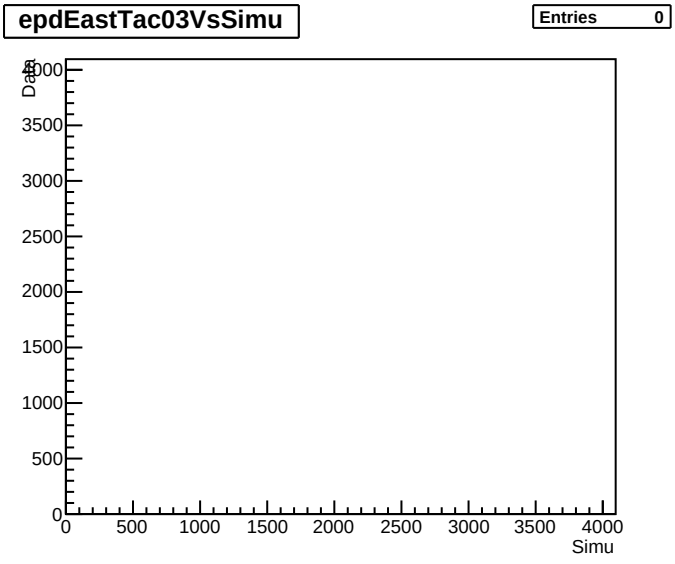
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3060000
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 382500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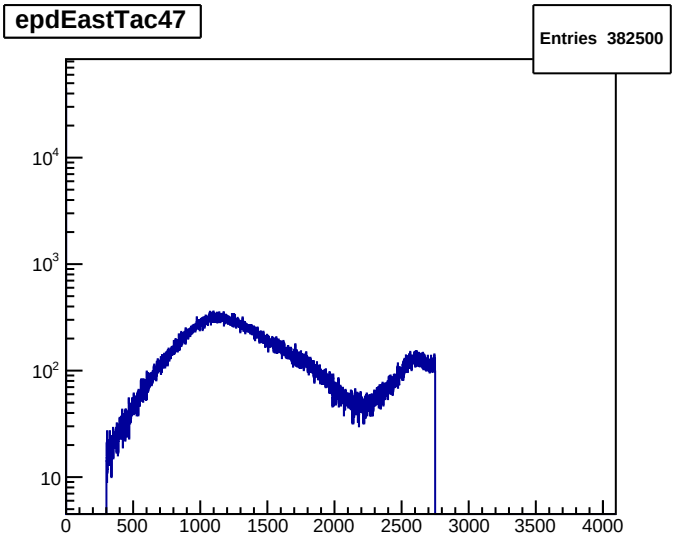
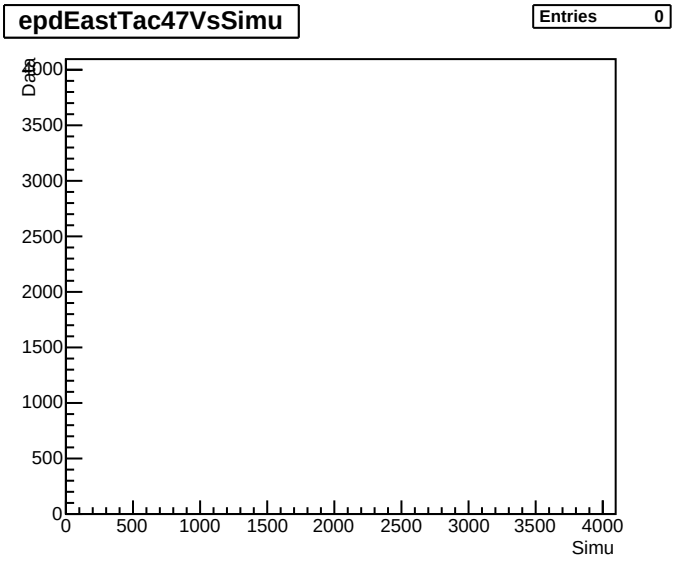
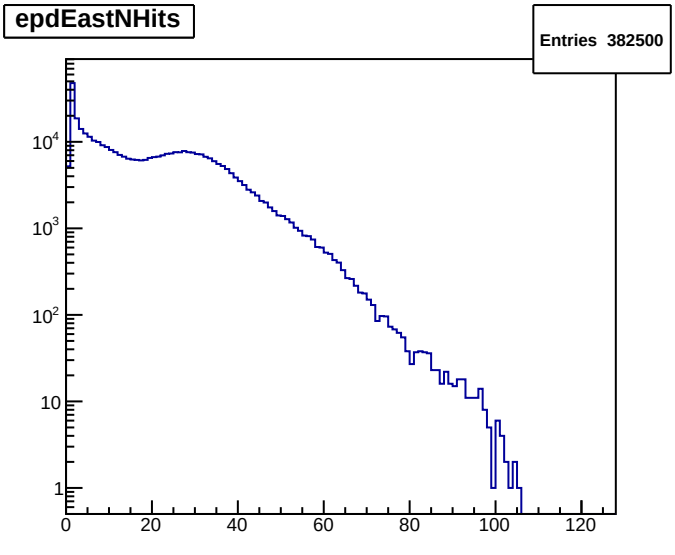
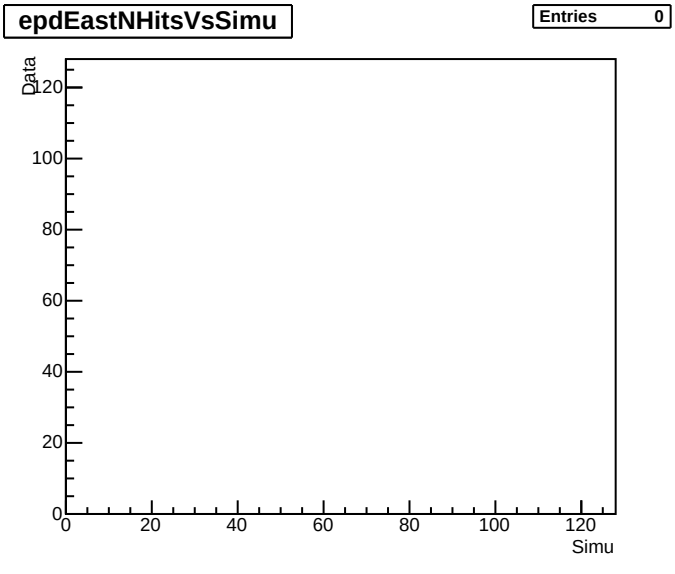
Entries 0
Data
Simu


epdEastTac47
Entries 382500


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 382500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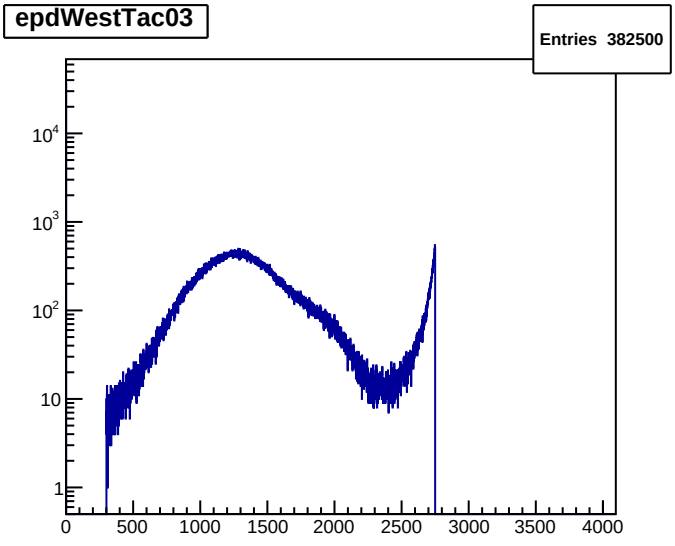
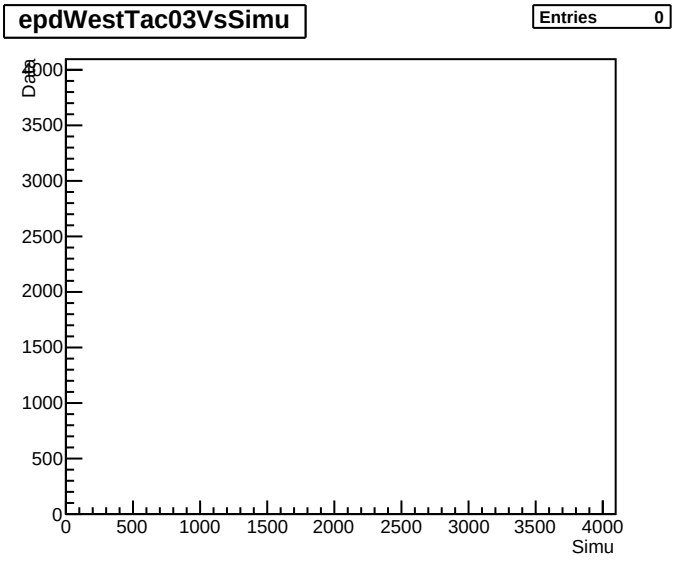
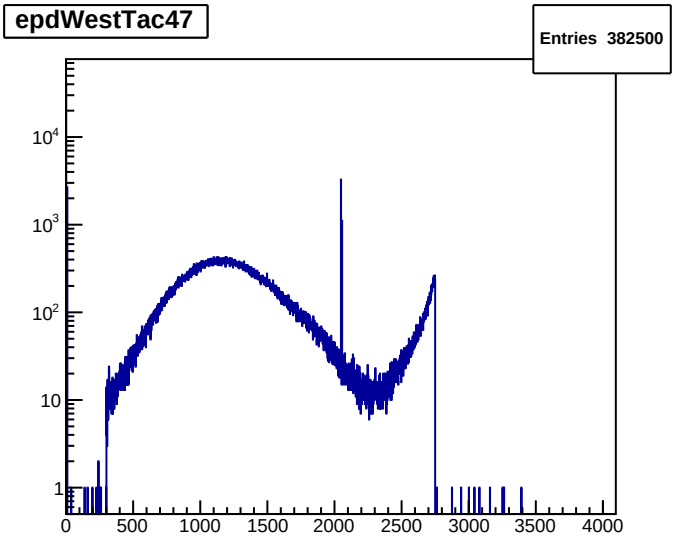
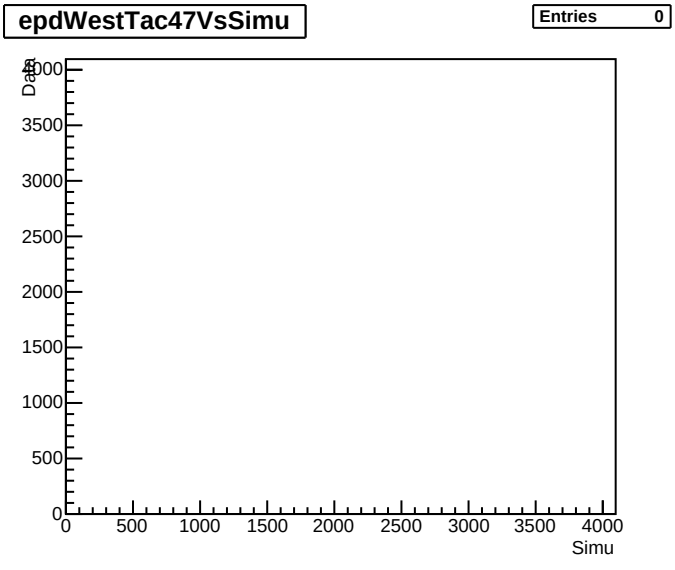
Entries 0
Data
Simu


epdWestTac03
Entries 382500


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 382500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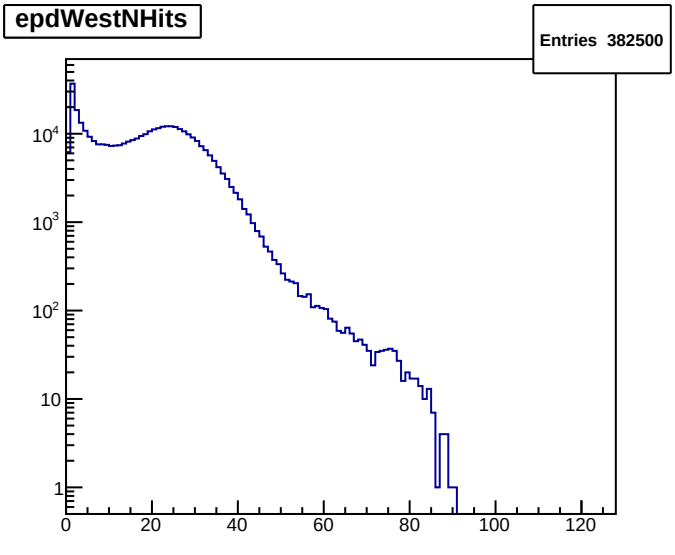
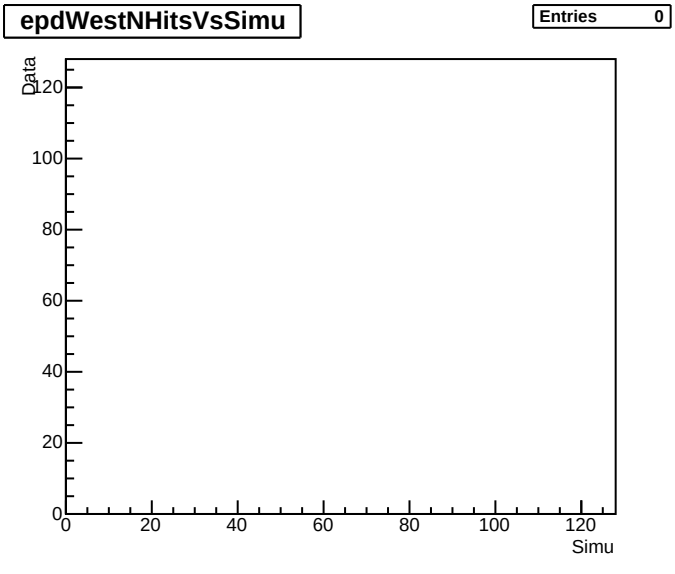
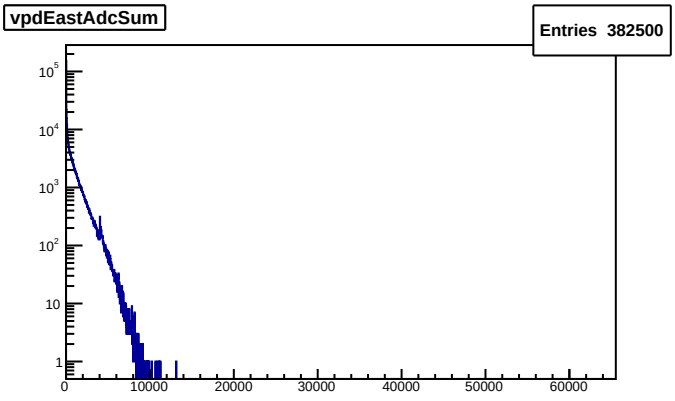
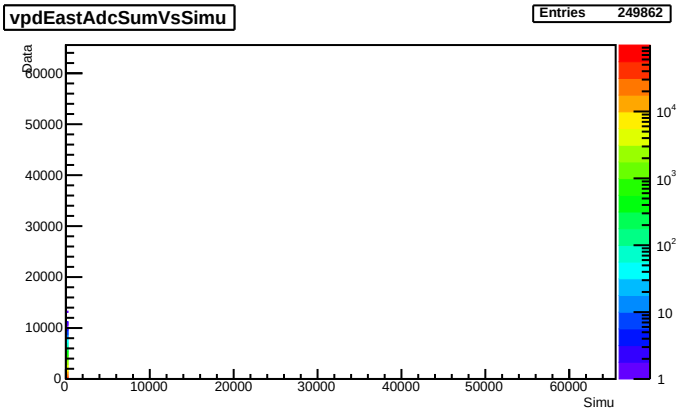
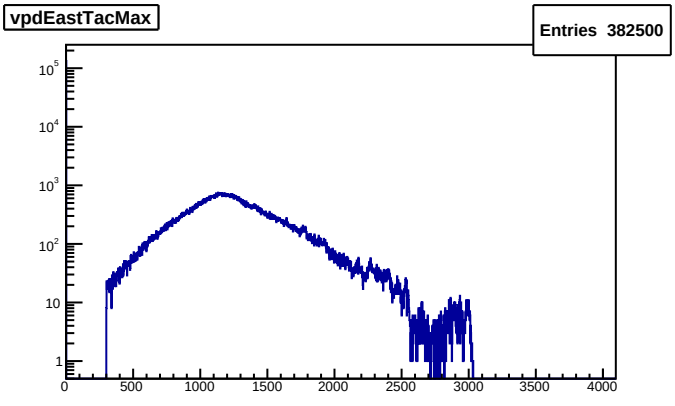
Entries 0
Data
Simu

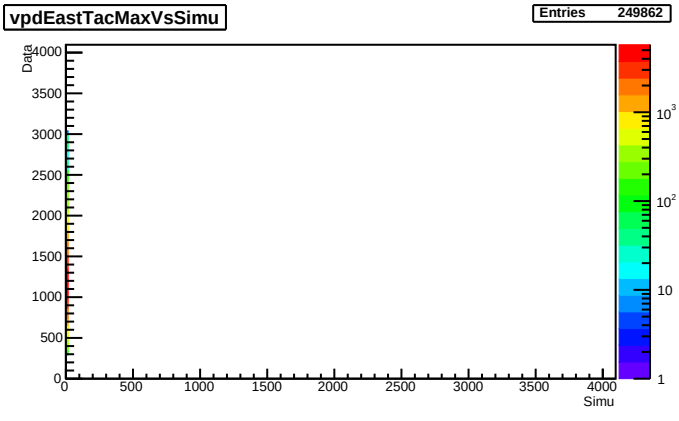

epdWestNHits
Entries 382500

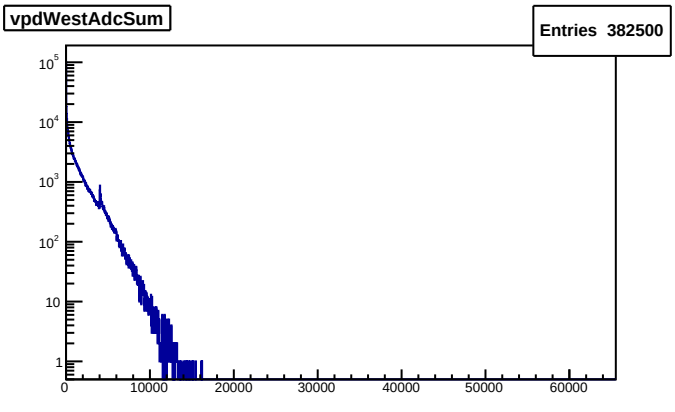

epdWestNHitsVsSimu
Entries 0
Data
Simu

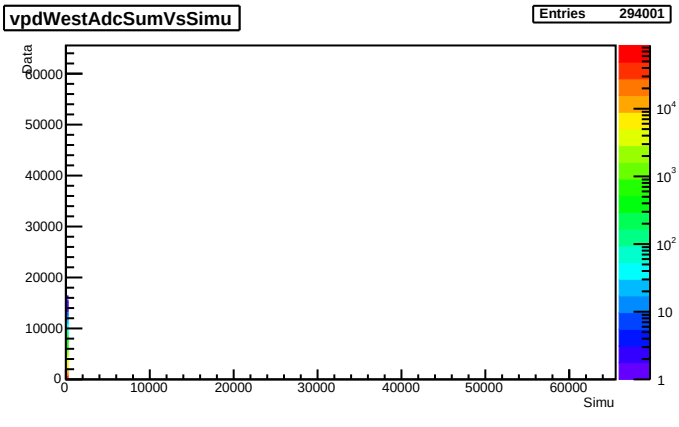

vpdEastAdcSum
Entries 382500

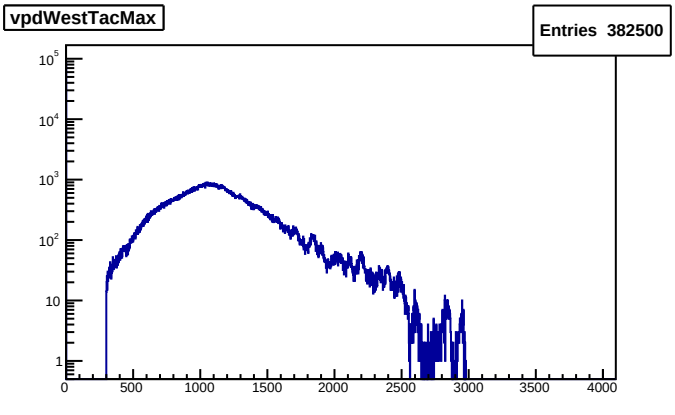

vpdEastAdcSumVsSimu
Entries 249862
Data
Simu

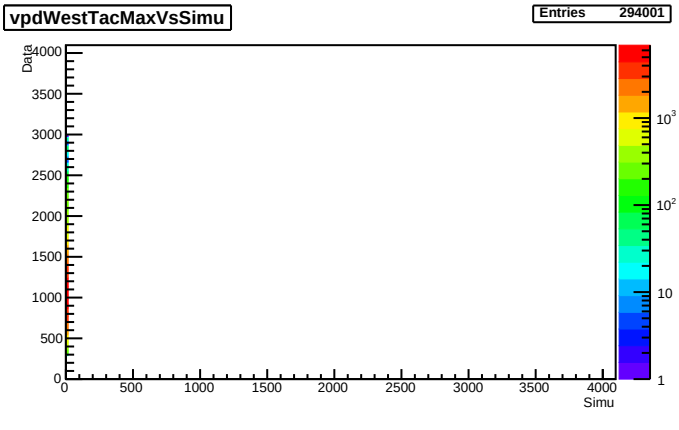

vpdEastTacMax
Entries 382500

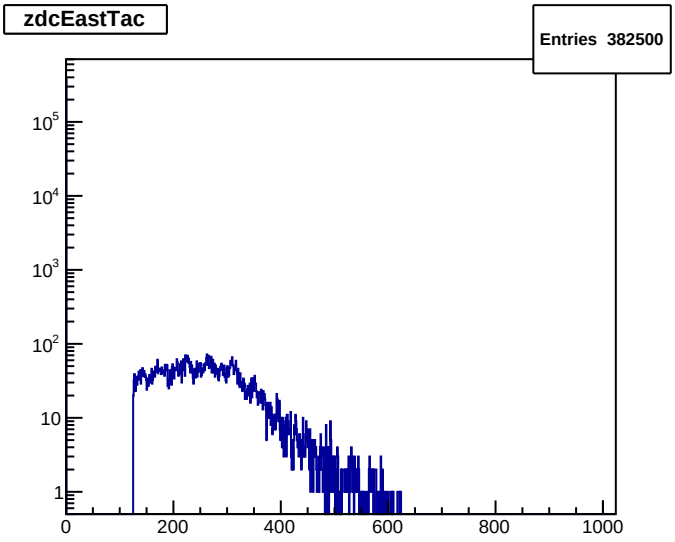

vpdEastTacMaxVsSimu
Entries 249862
Data
Simu

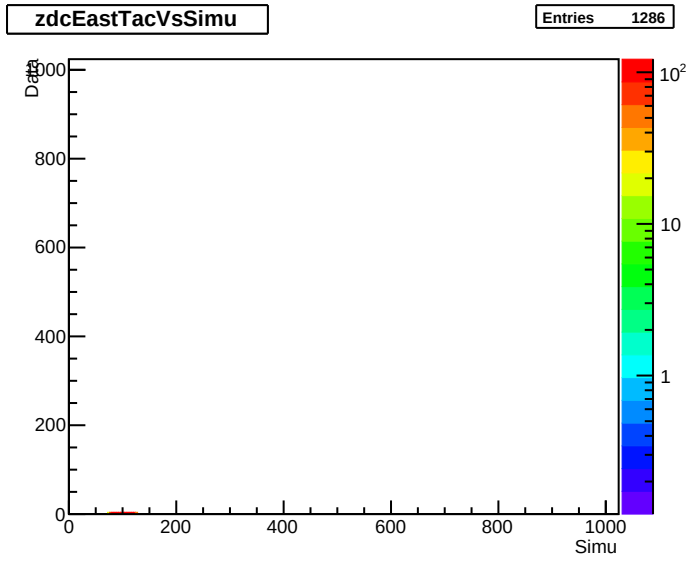

vpdWestAdcSum
Entries 382500

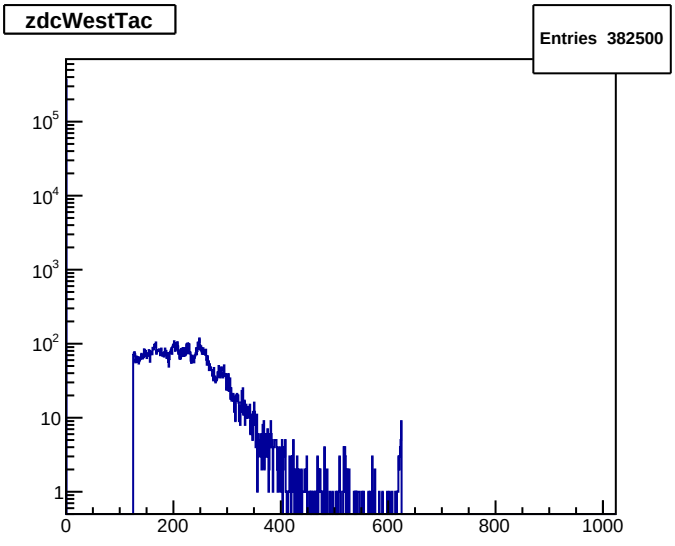

vpdWestAdcSumVsSimu
Entries 294001
Data
Simu

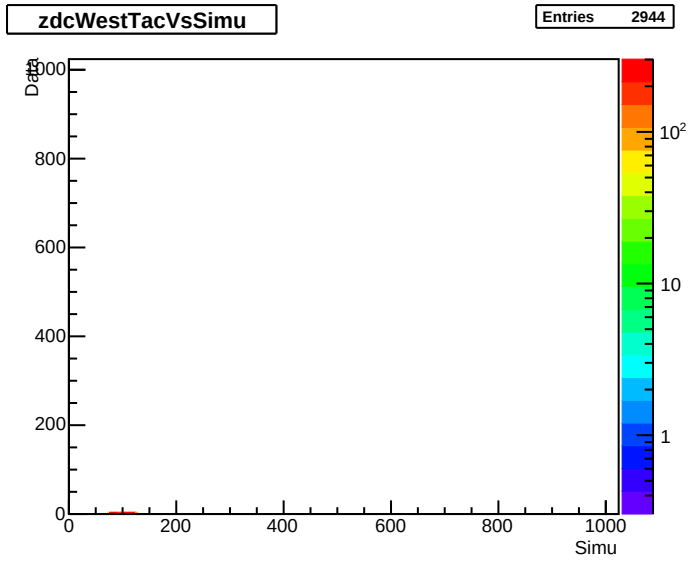

vpdWestTacMax
Entries 382500

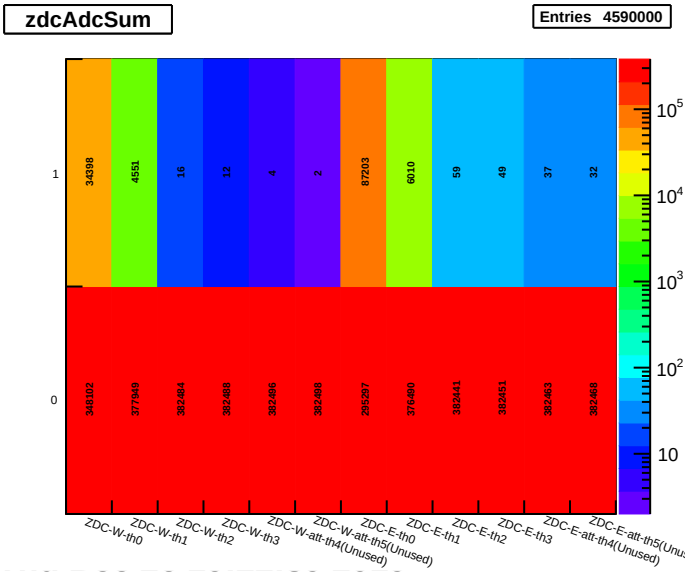

vpdWestTacMaxVsSimu
Entries 294001
Data
Simu

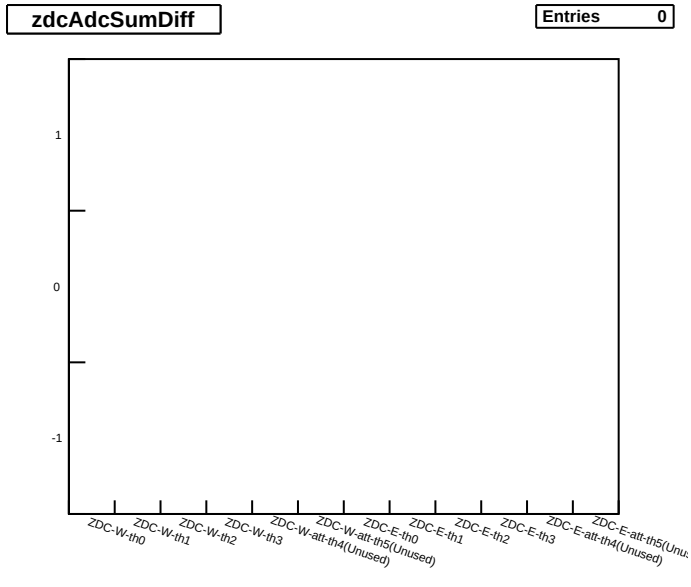

zdcEastTac
Entries 382500

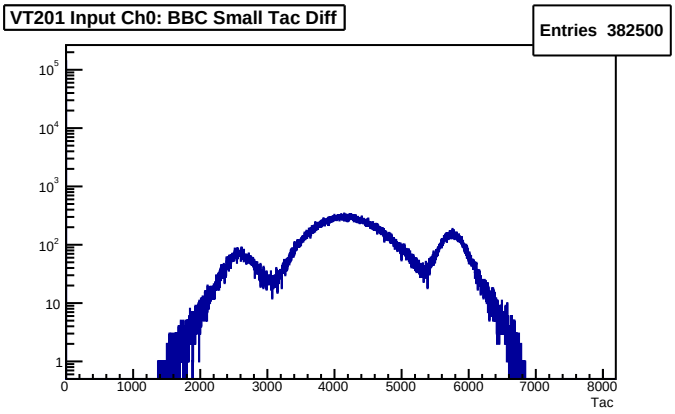

zdcEastTacVsSimu
Entries 1286
Data
Simu

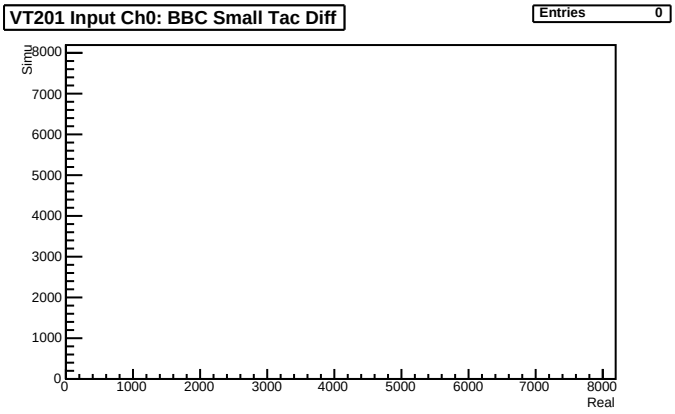

zdcWestTac
Entries 382500

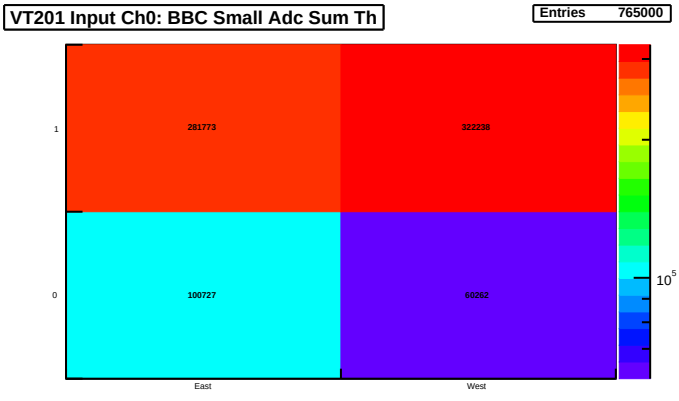

zdcWestTacVsSimu
Entries 2944
Data
Simu

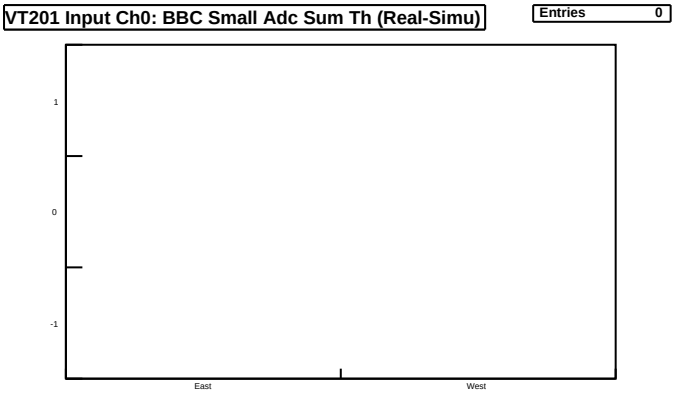

zdcAdcSum
Entries 4590000
34398
4551
16
12
4
2
87203
6010
59
49
37
32
348102
377949
382484
382488
382496
382498
295297
376490
382441
382451
382463
382468
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

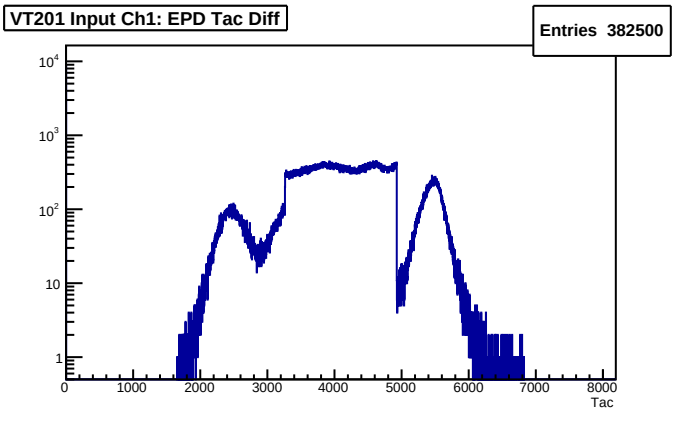

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

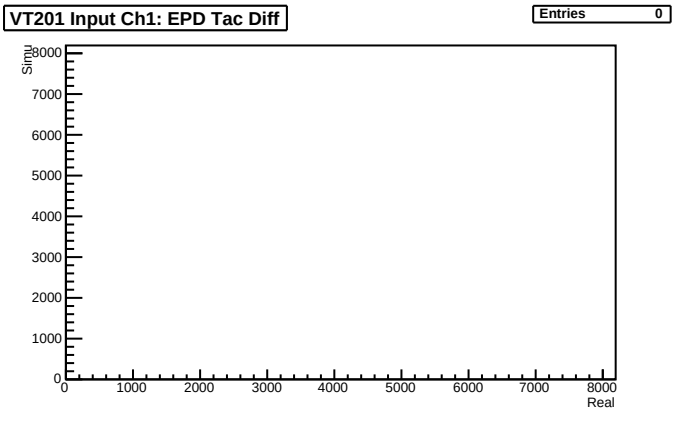

VT201 Input Ch0: BBC Small Tac Diff
Entries 382500
Tac

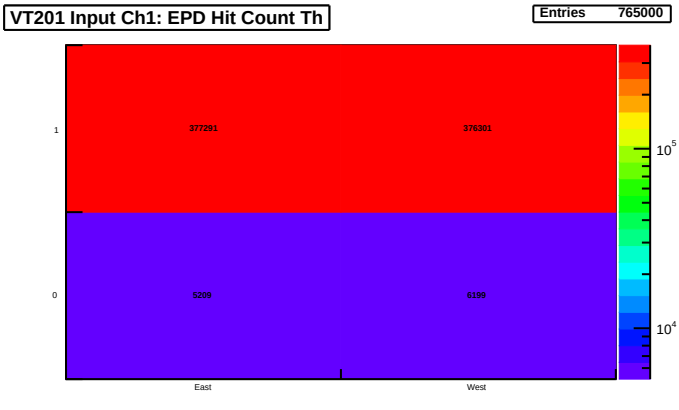

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

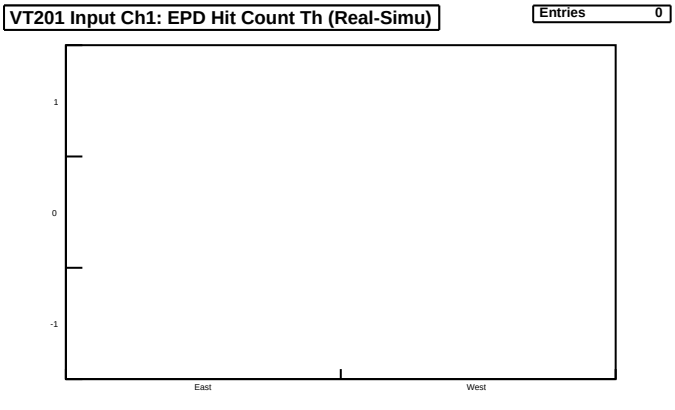

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 765000
281773
322238
100727
60262
East
West

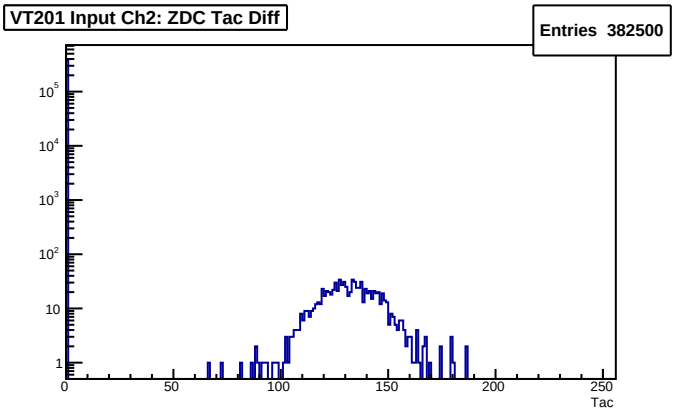

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

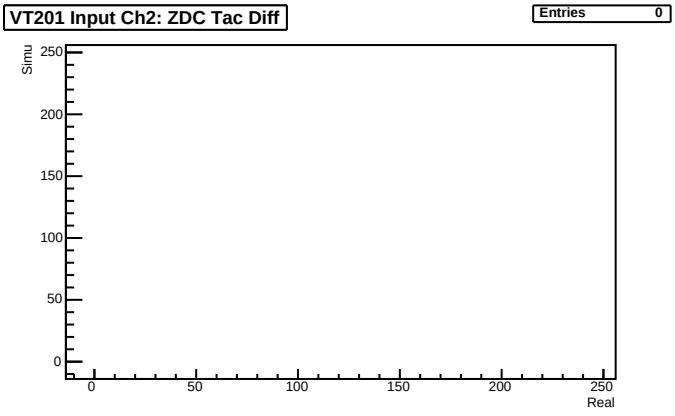

VT201 Input Ch1: EPD Tac Diff
Entries 382500
Tac

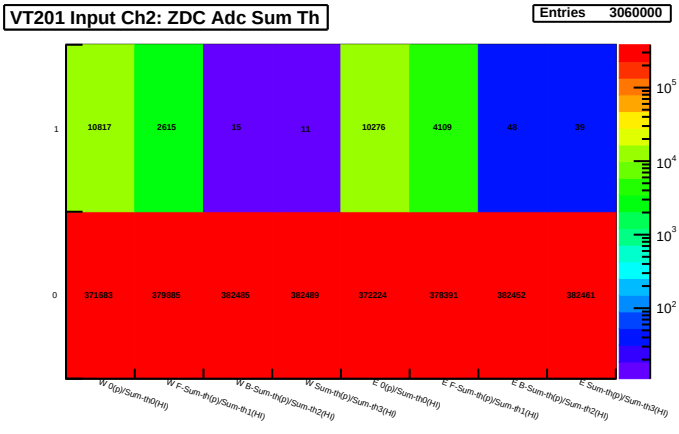

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

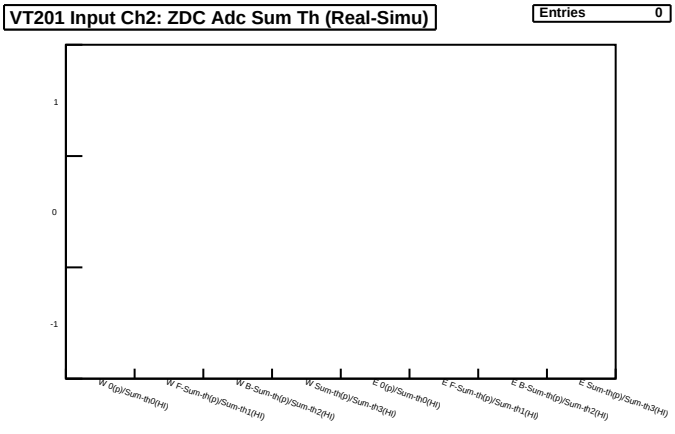

VT201 Input Ch1: EPD Hit Count Th
Entries 765000
377291
376301
5209
6199
East
West

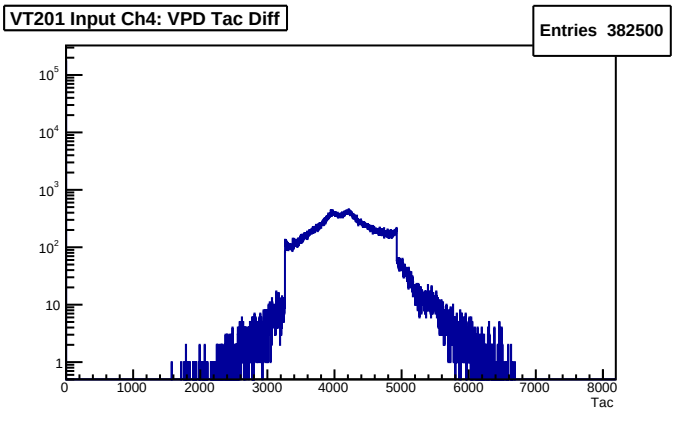

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

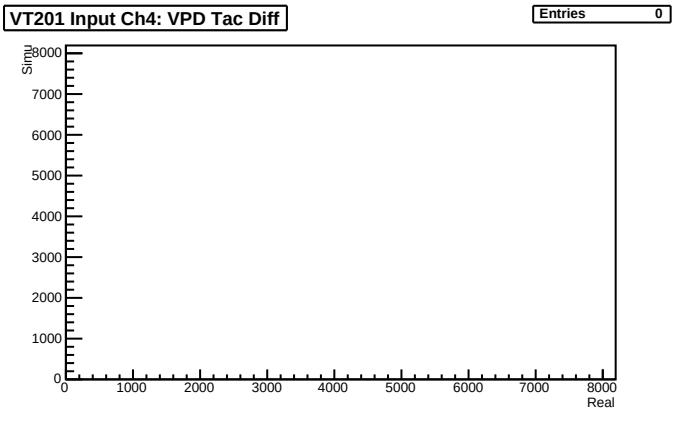

VT201 Input Ch2: ZDC Tac Diff
Entries 382500
Tac

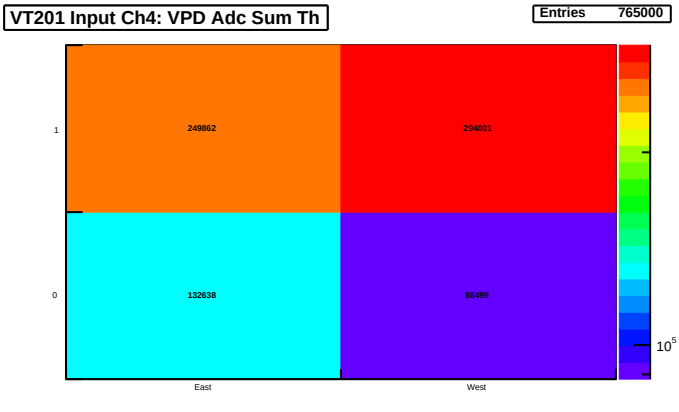

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

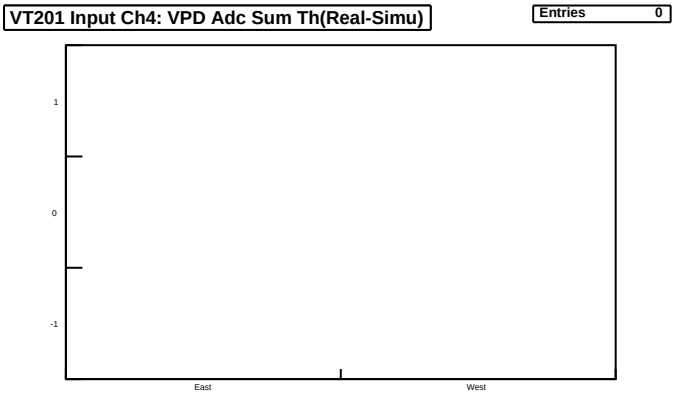

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3060000
10817
2615
15
11
10276
4109
48
39
371683
379885
382485
382489
372224
378391
382452
382461
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

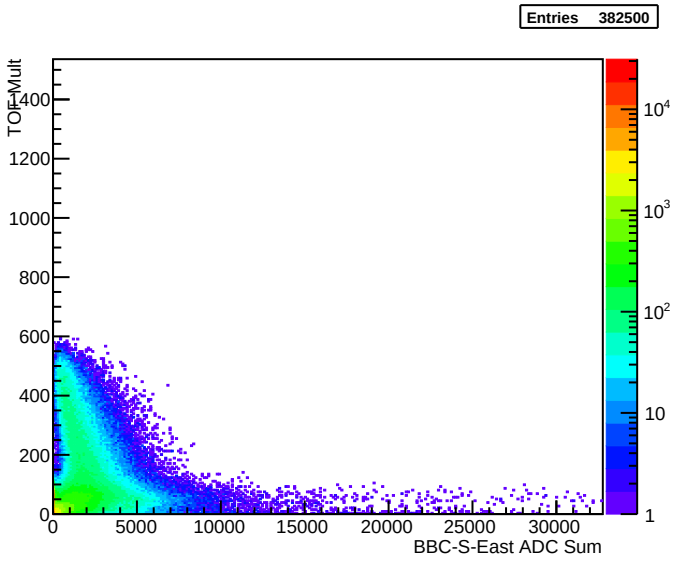

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

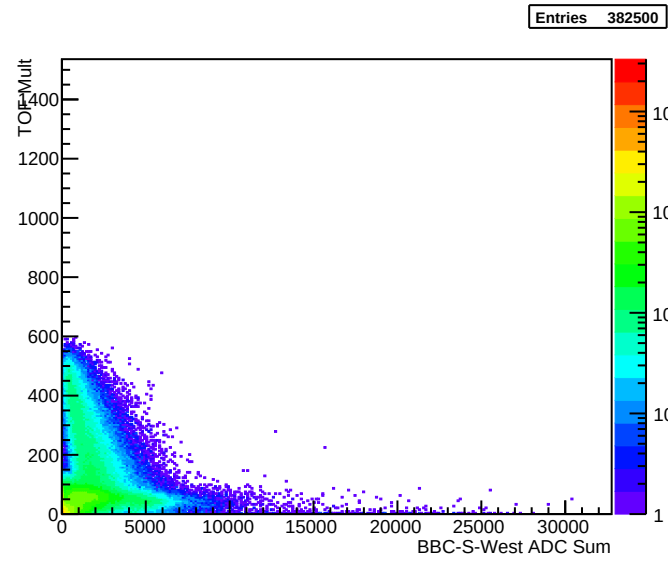

VT201 Input Ch4: VPD Tac Diff
Entries 382500
Tac

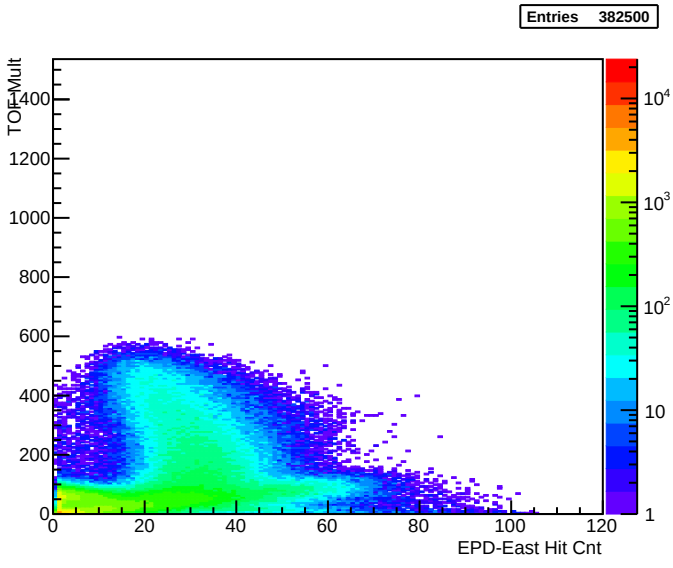

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

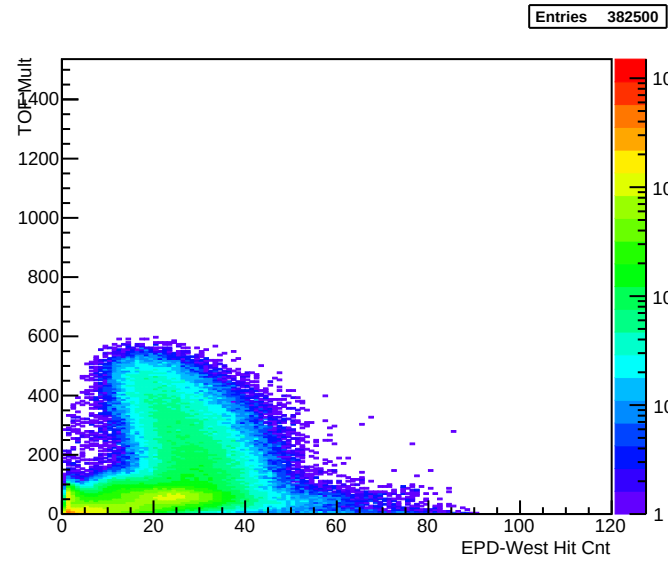

VT201 Input Ch4: VPD Adc Sum Th
Entries 765000
249862
294001
132638
88499
East
West

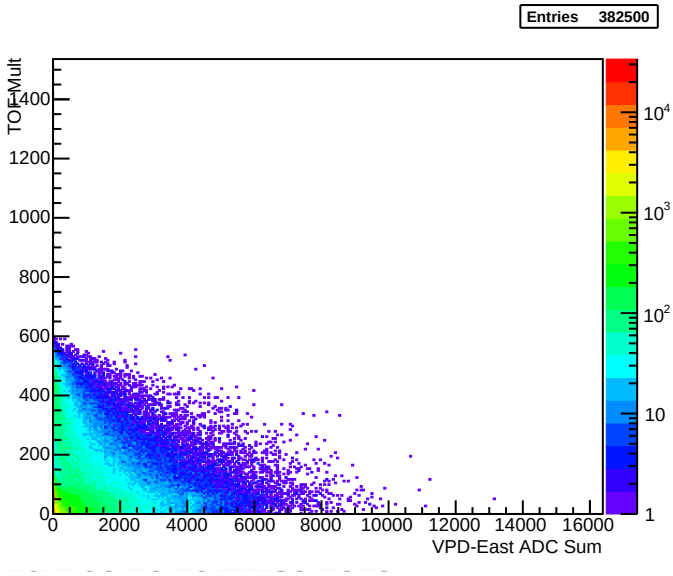

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

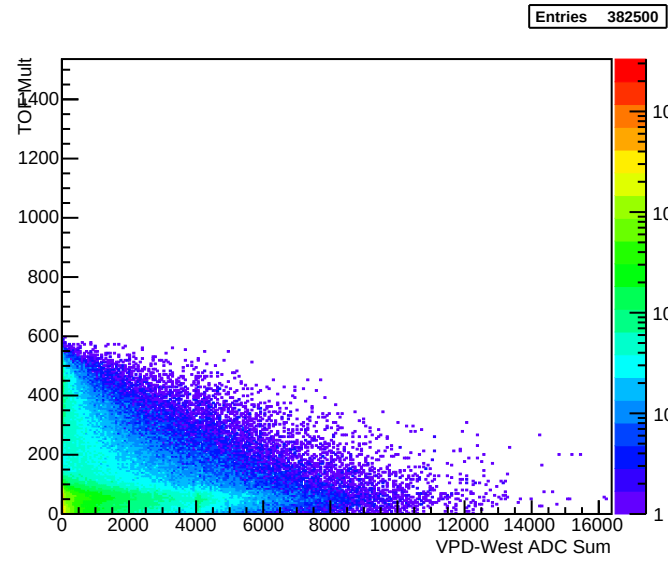

Entries 382500
TOF-Mult
BBC-S-East ADC Sum

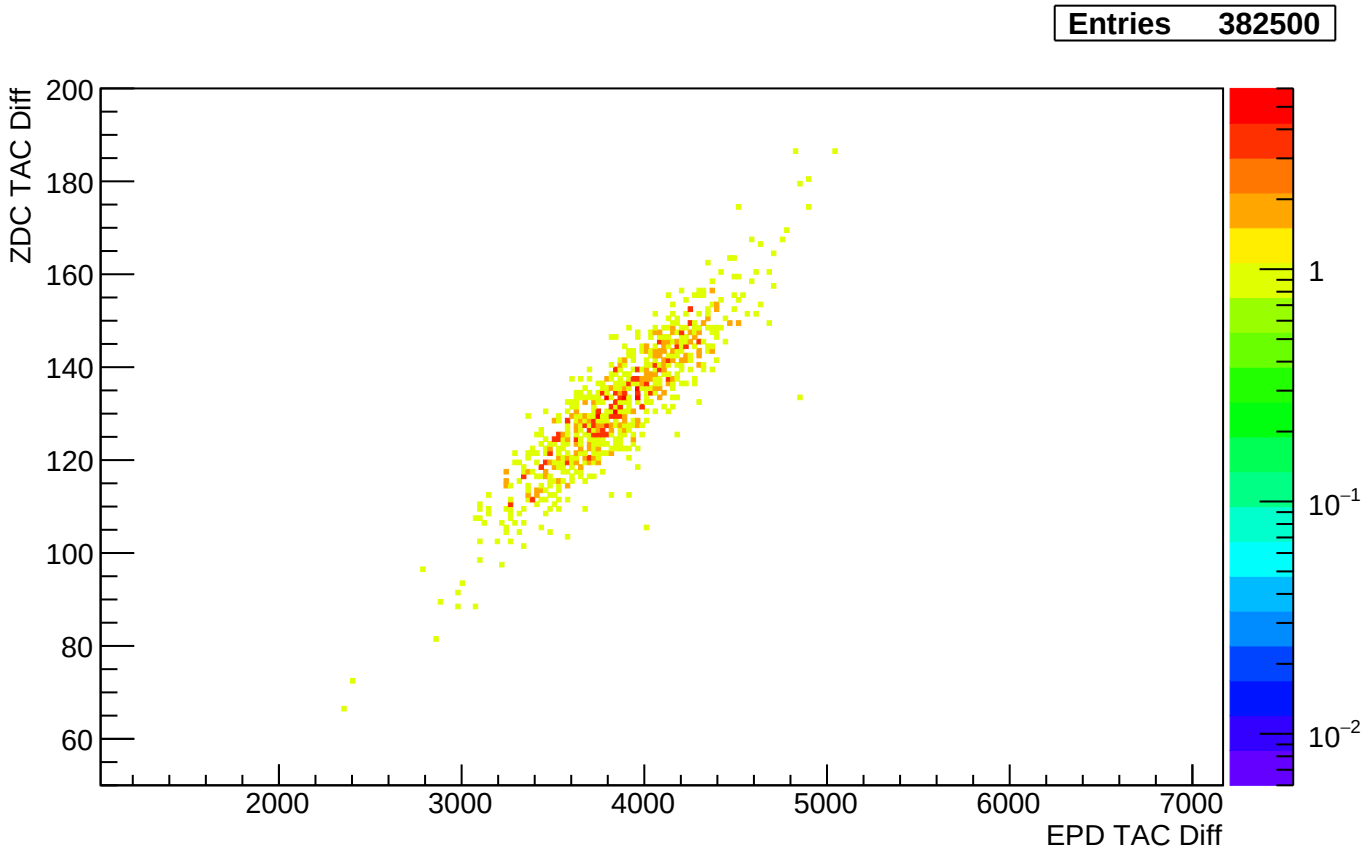

Entries 382500
TOF-Mult
BBC-S-West ADC Sum

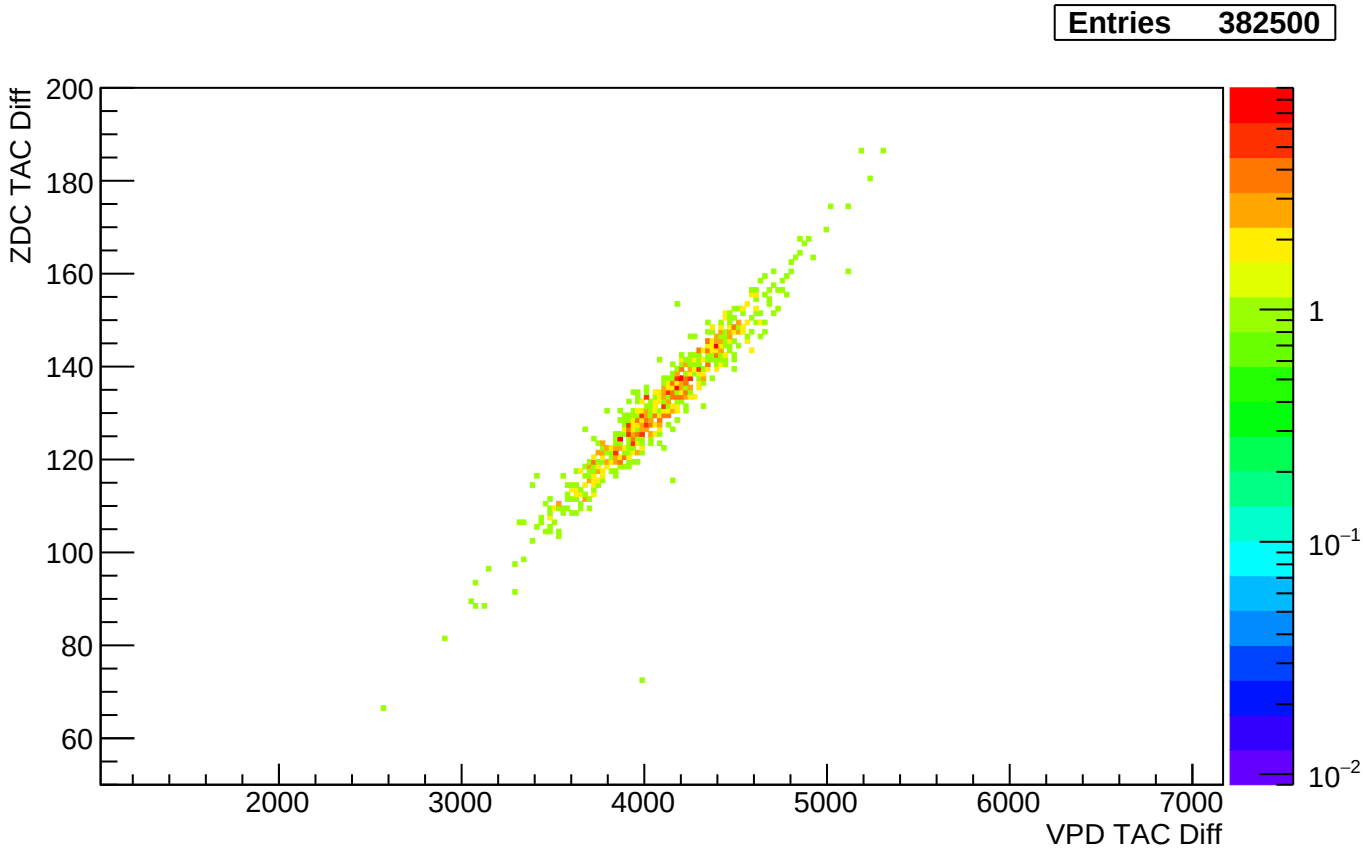

Entries 382500
TOF-Mult
EPD-East Hit Cnt

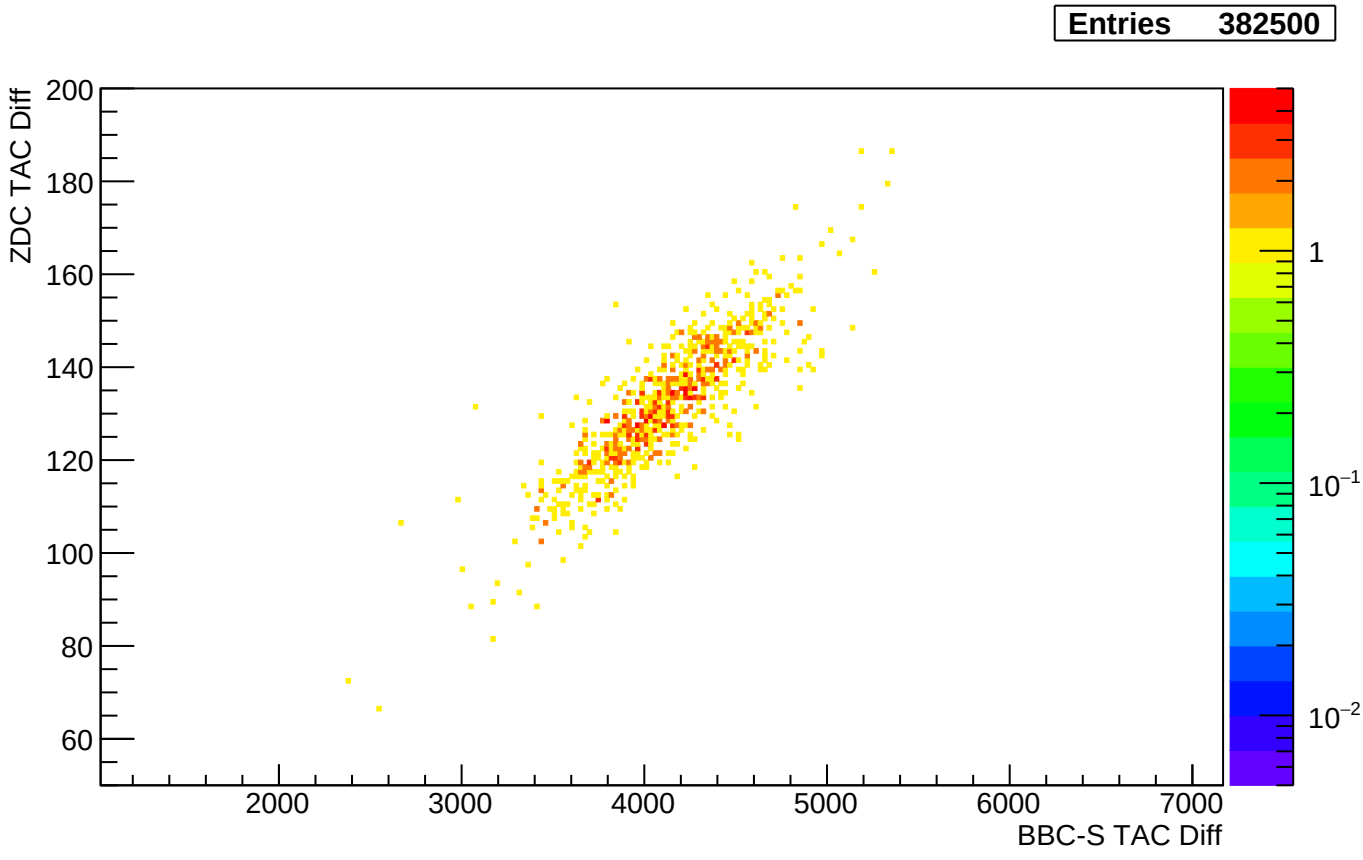

Entries 382500
TOF-Mult
EPD-West Hit Cnt

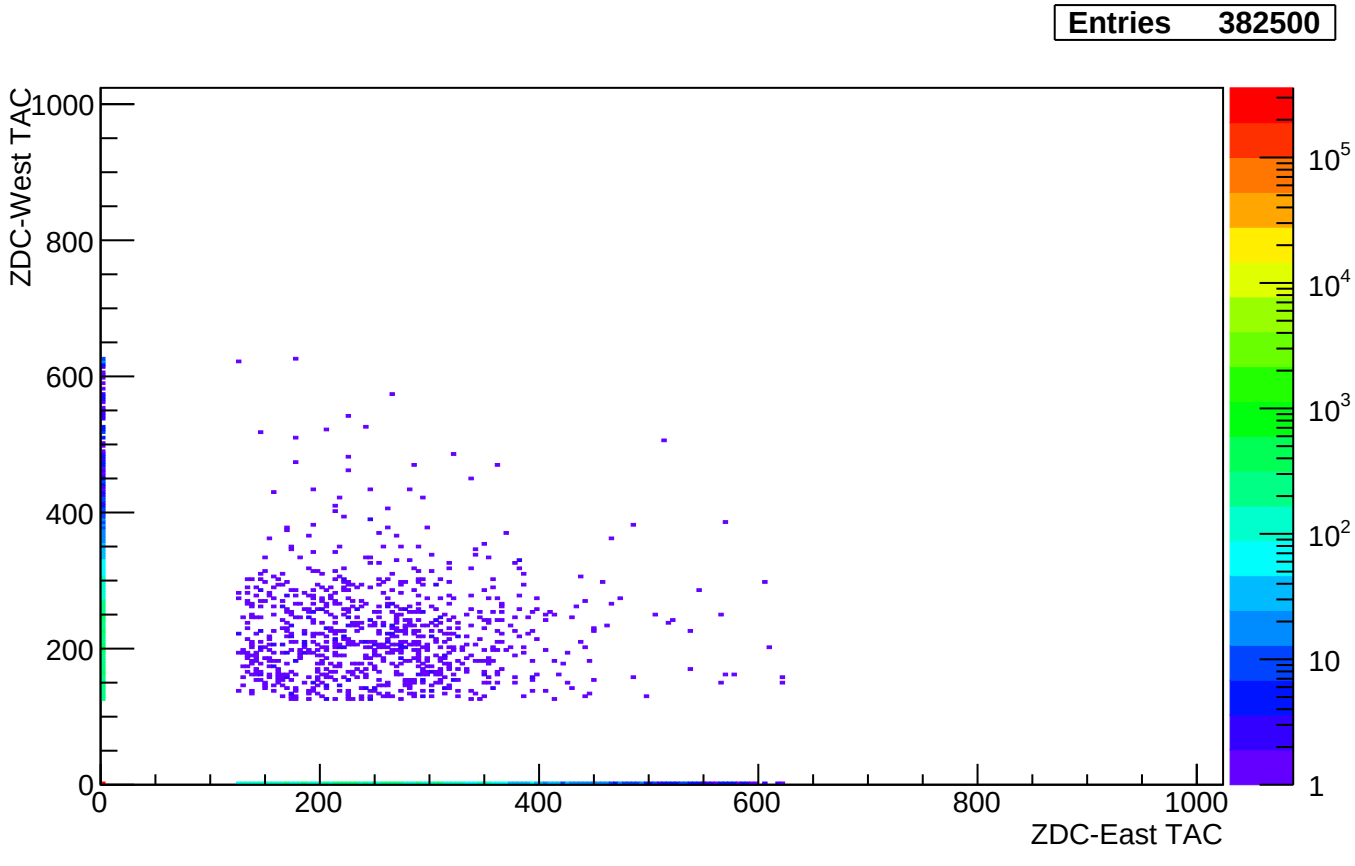

Entries 382500
TOF-Mult
VPD-East ADC Sum

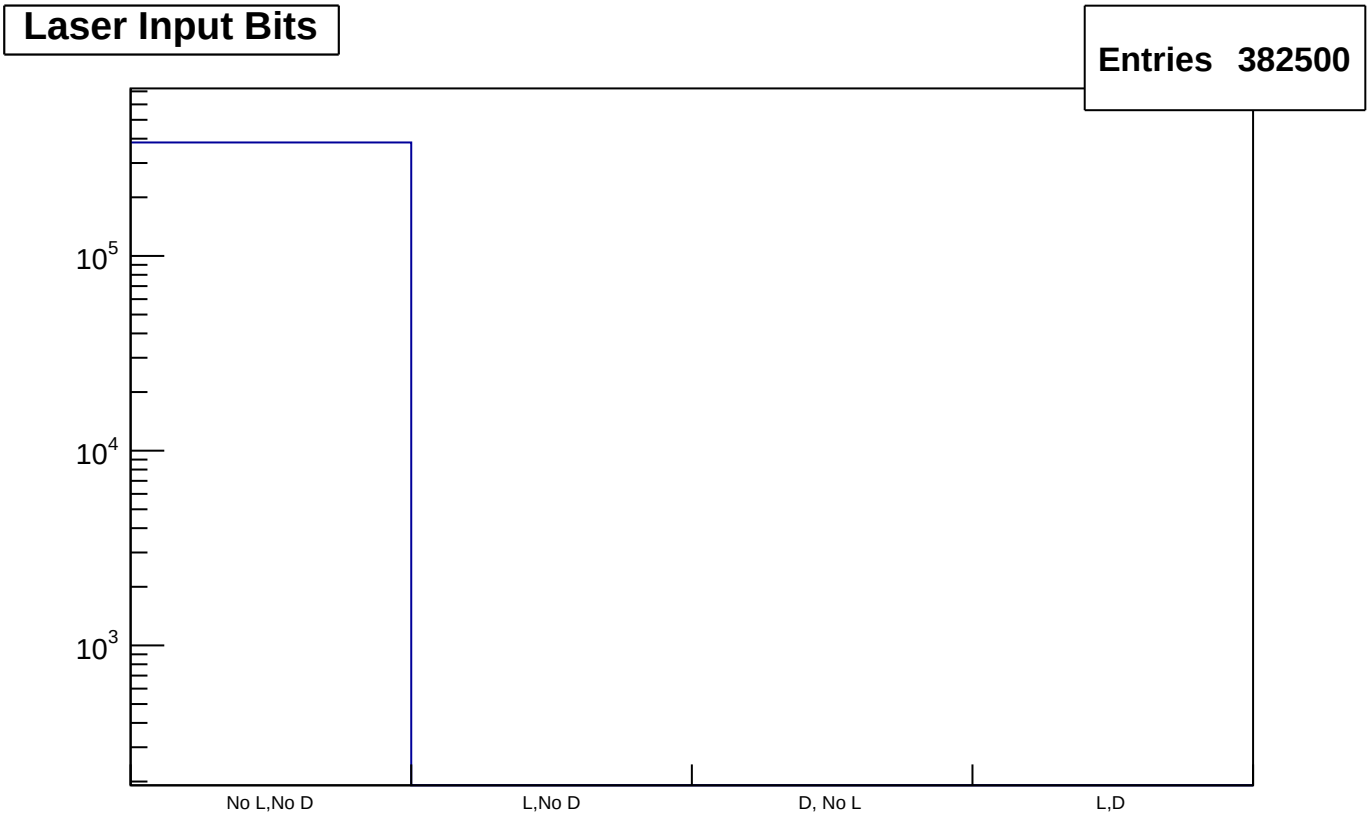

Entries 382500
TOF-Mult
VPD-West ADC Sum

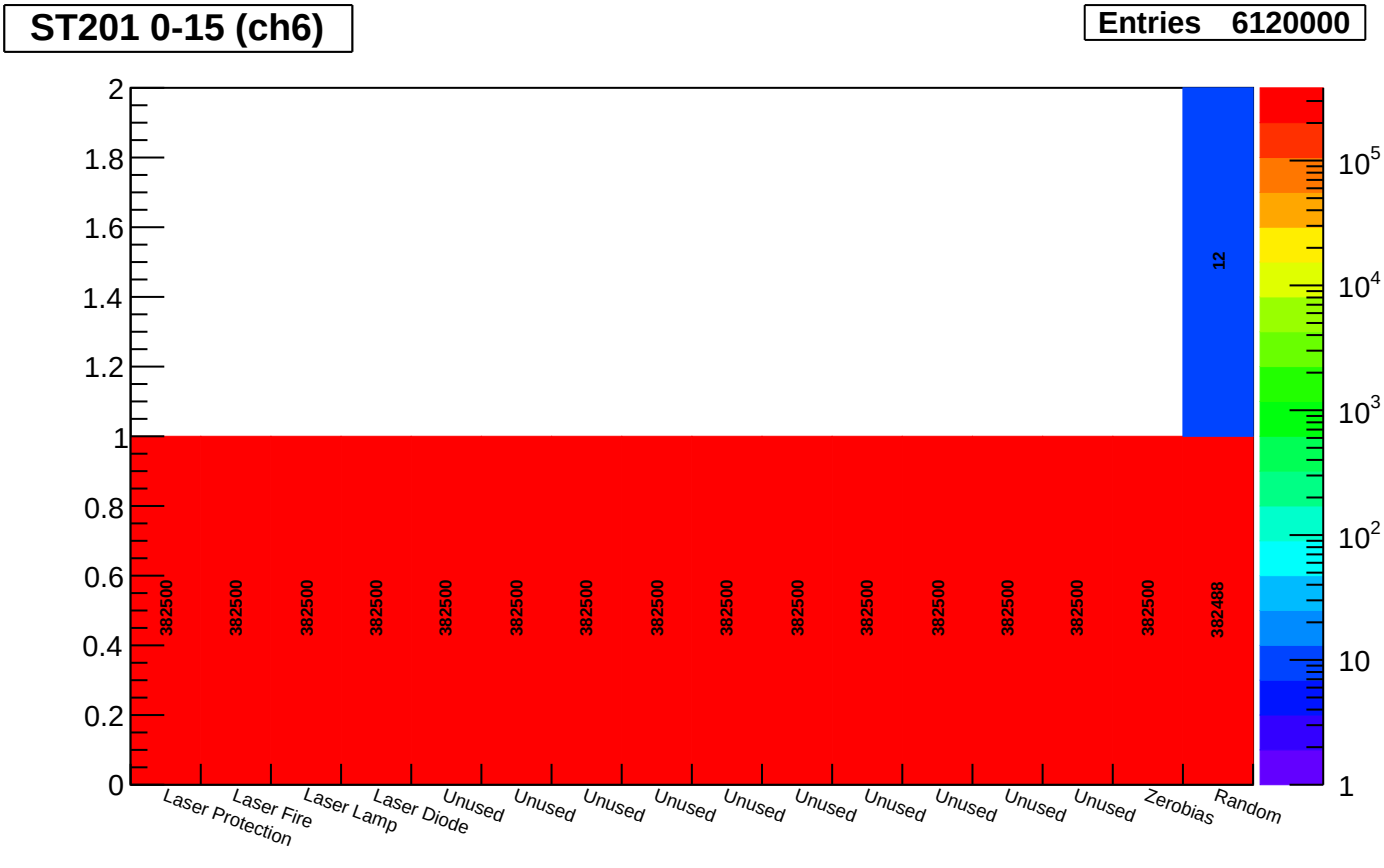

Entries 382500
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

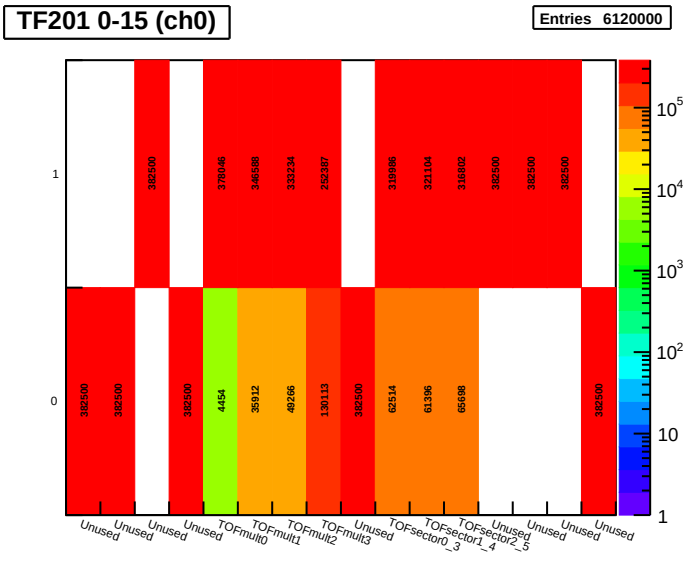

Entries 382500
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

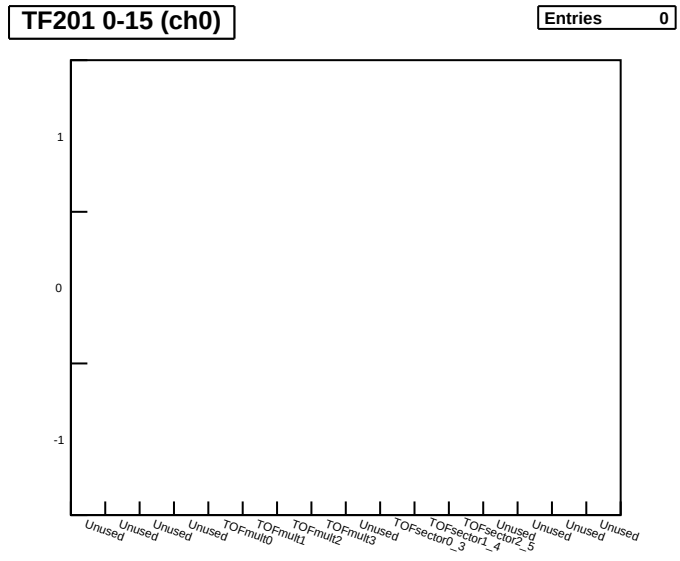

Entries 382500
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

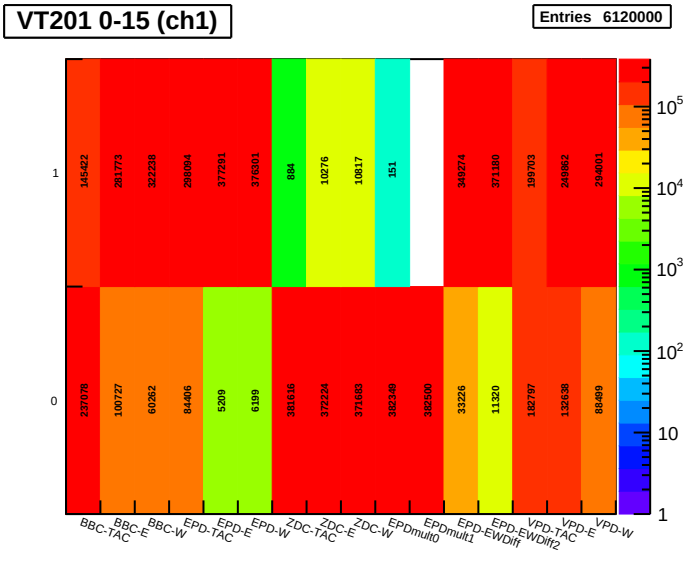

Entries 382500
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

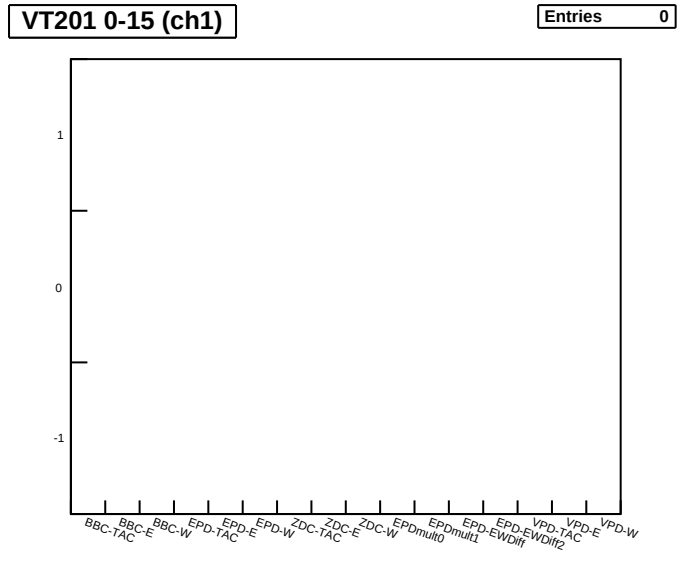

Laser Input Bits
Entries 382500
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

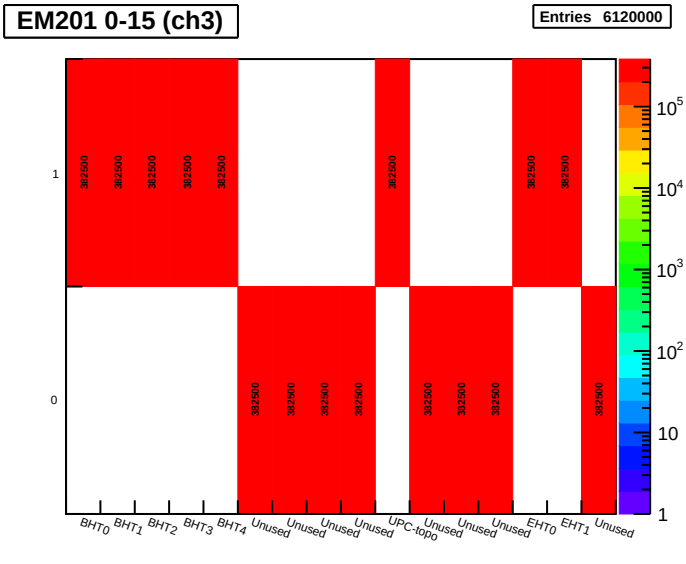

ST201 0-15 (ch6)
Entries 6120000
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
382500
382488
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

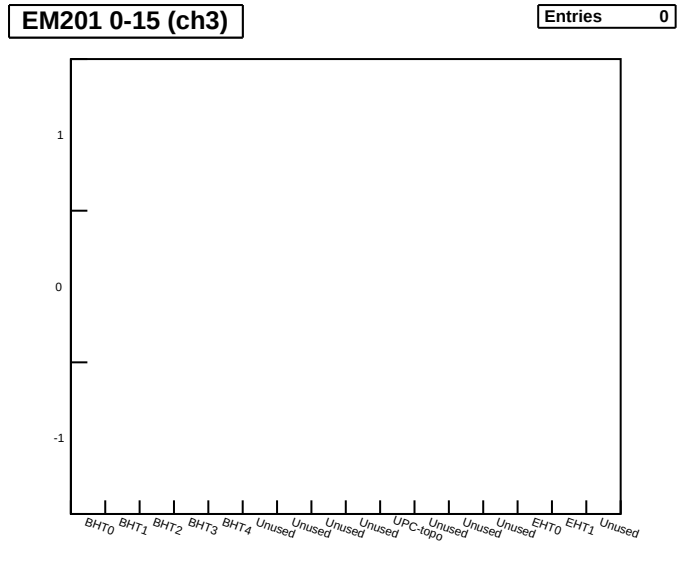

TF201 0-15 (ch0)
Entries 6120000
1
0
382500
376046
346588
333234
292387
319986
321104
316802
382500
382500
382500
382500
382500
382500
4454
35912
49266
130113
382500
62514
61396
65698
382500
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 6120000
1
0
145422
281773
322238
298094
377291
376301
884
10276
10817
151
349274
371180
199703
240862
294001
237078
100727
60262
84406
5209
6199
381616
372224
371683
382349
382500
33226
11320
182797
132638
88499
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 6120000
1
0
382500
382500
382500
382500
382500
382500
382500
382500
382500
382500
382500
382500
382500
382500
382500
382500
382500
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1