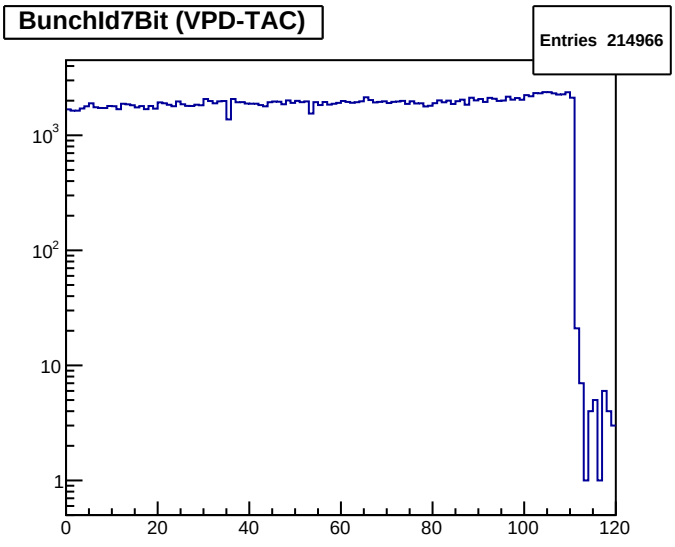
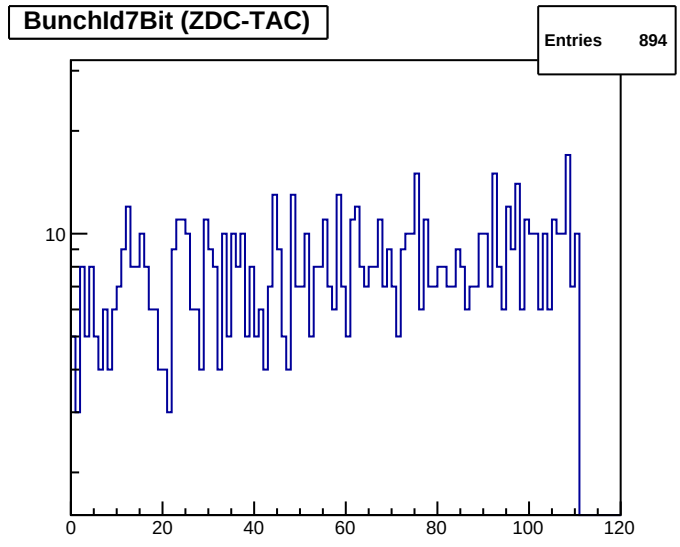
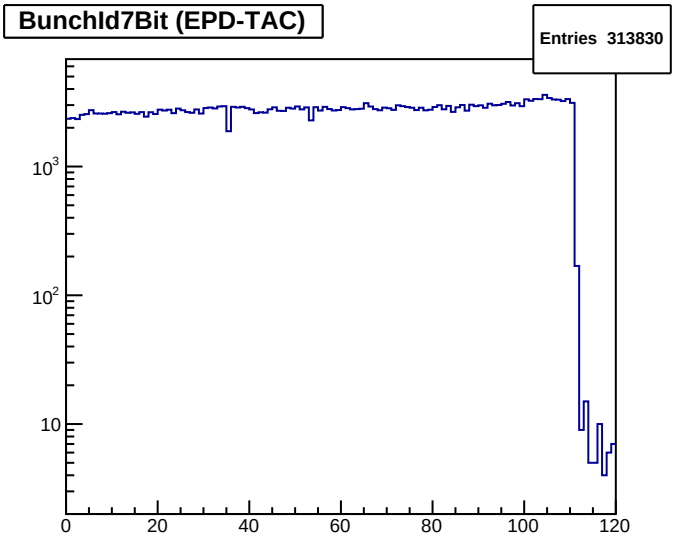
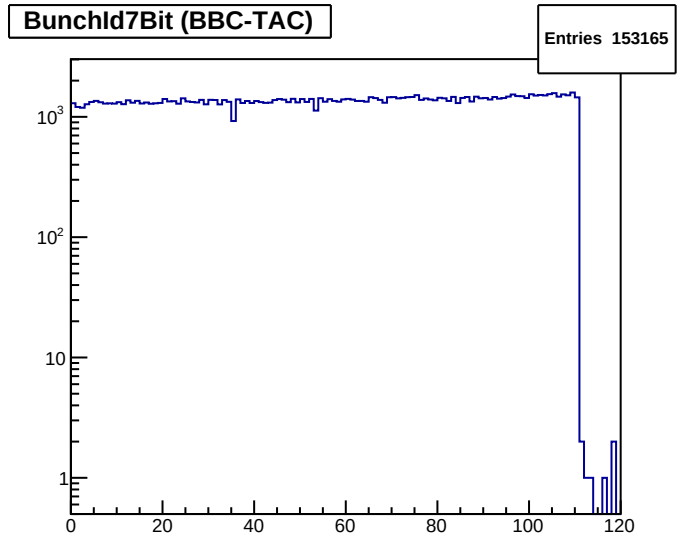
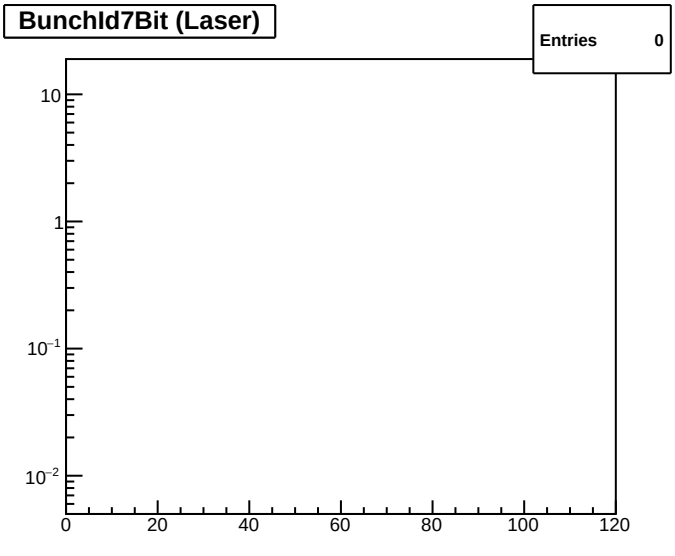
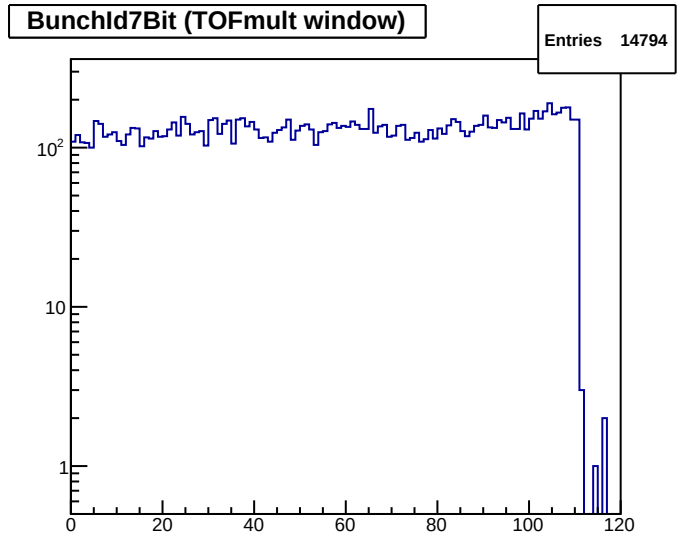

BunchId7Bit (VPD-TAC)
Entries 214966

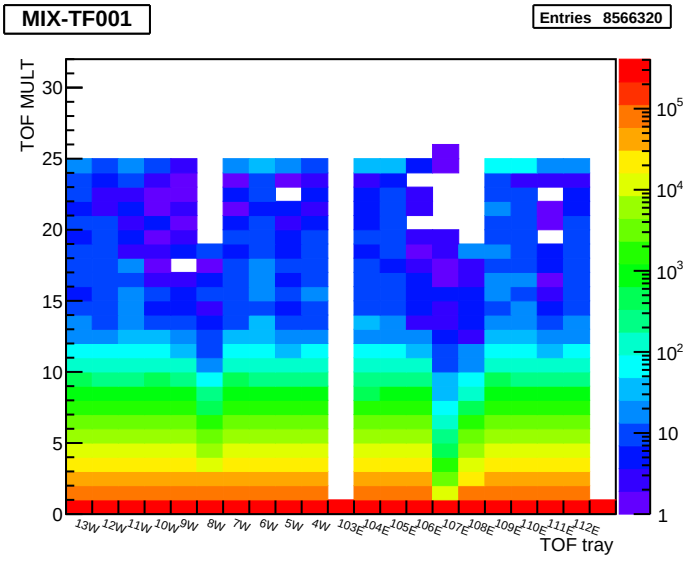

BunchId7Bit (ZDC-TAC)
Entries 894

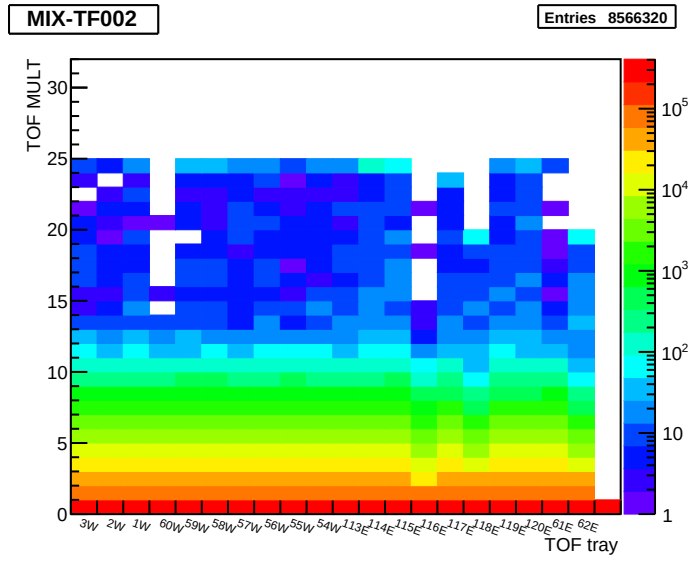

BunchId7Bit (EPD-TAC)
Entries 313830

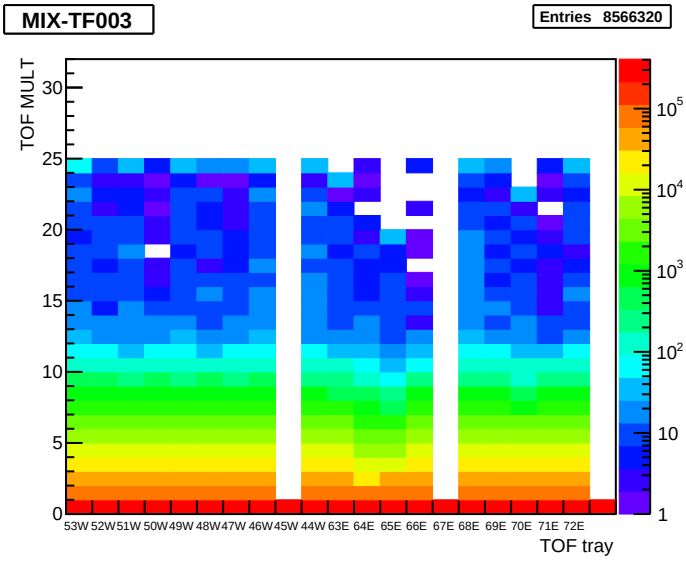

BunchId7Bit (BBC-TAC)
Entries 153165

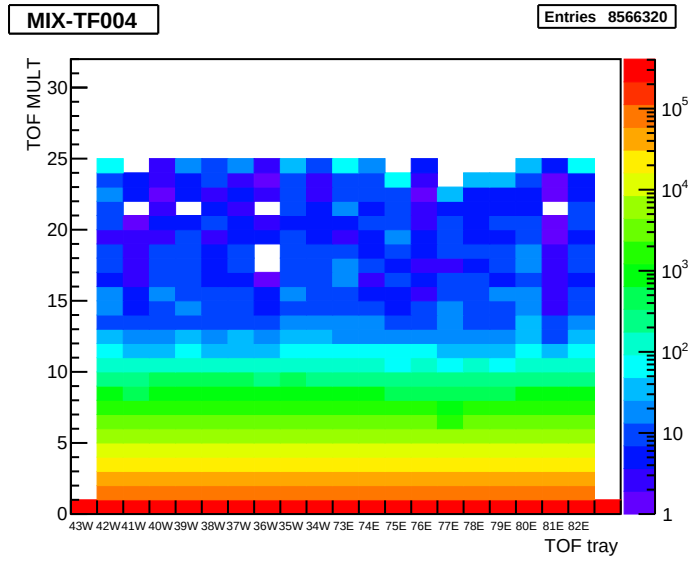

BunchId7Bit (Laser)
Entries 0

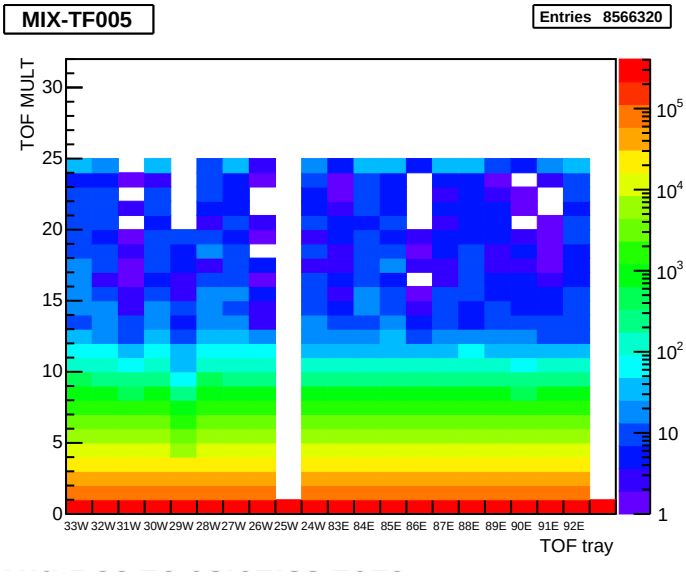

BunchId7Bit (TOFmult window)
Entries 14794

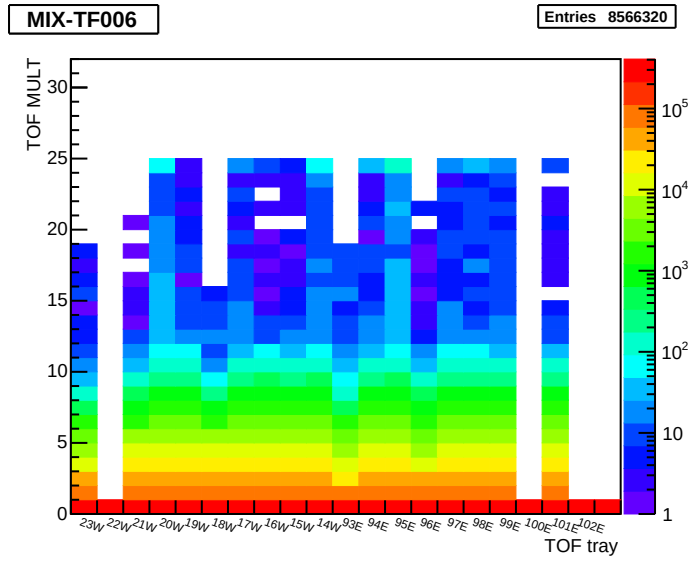

MIX-TF001
Entries 8566320
TOF MULT
TOF tray

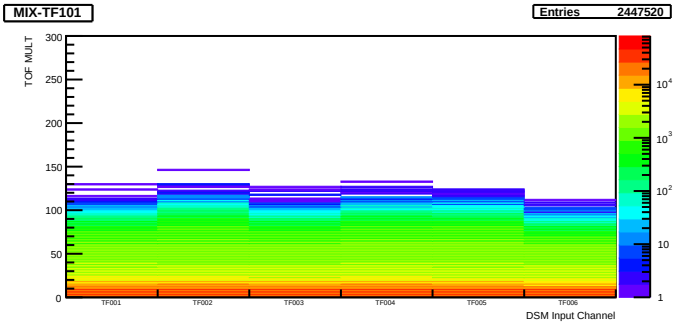

MIX-TF002
Entries 8566320
TOF MULT
TOF tray

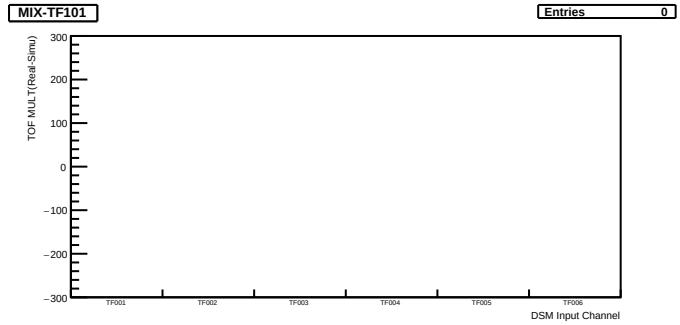

MIX-TF003
Entries 8566320
TOF MULT
TOF tray

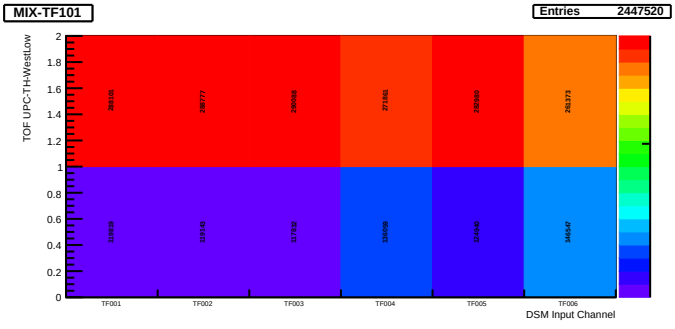

MIX-TF004
Entries 8566320
TOF MULT
TOF tray

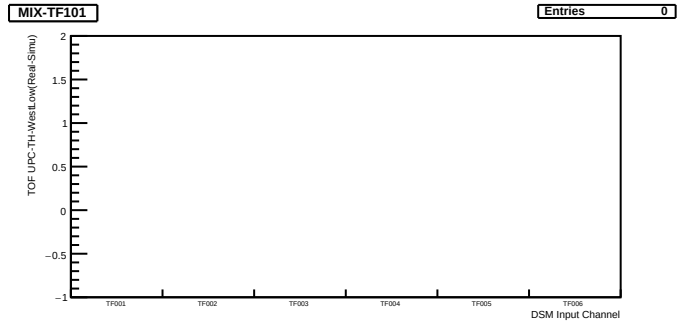

MIX-TF005
Entries 8566320
TOF MULT
TOF tray

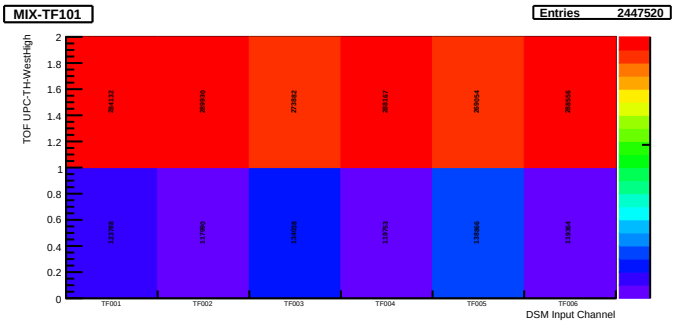

MIX-TF006
Entries 8566320
TOF MULT
TOF tray

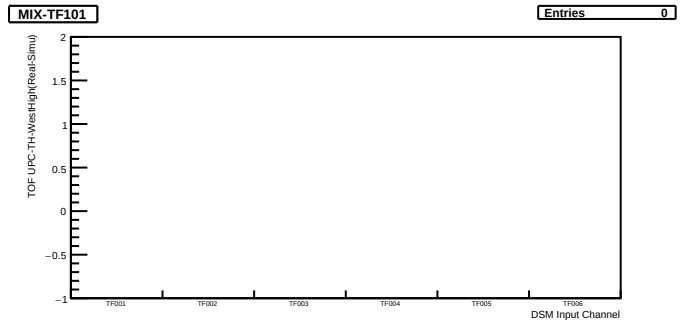

MIX-TF101
Entries 2447520
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

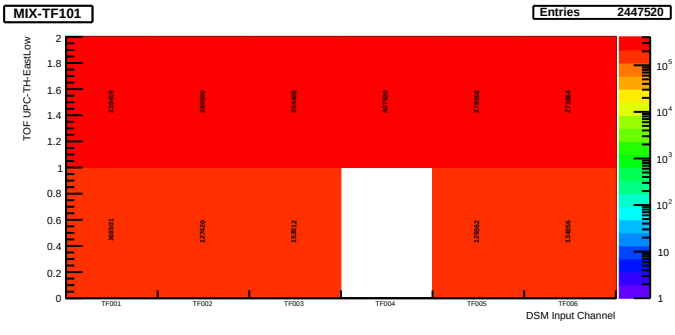

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

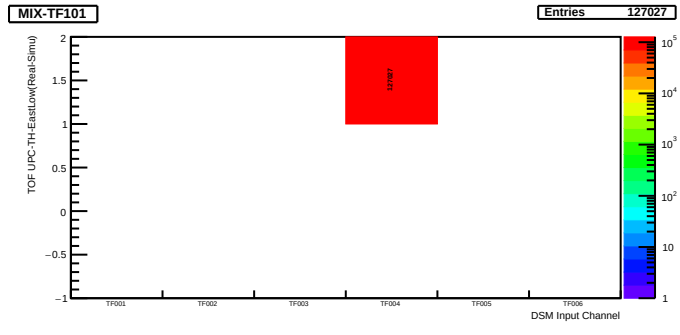

MIX-TF101
Entries 2447520
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

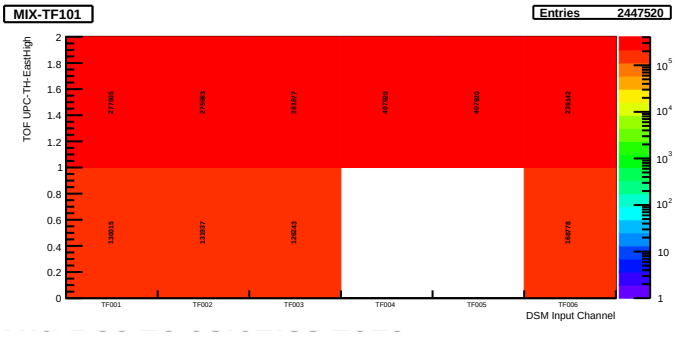

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

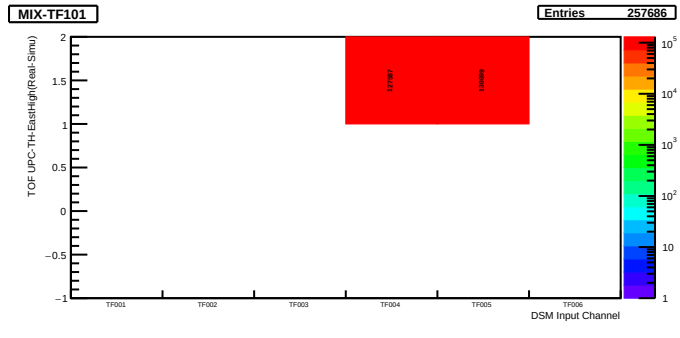

MIX-TF101
Entries 2447520
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

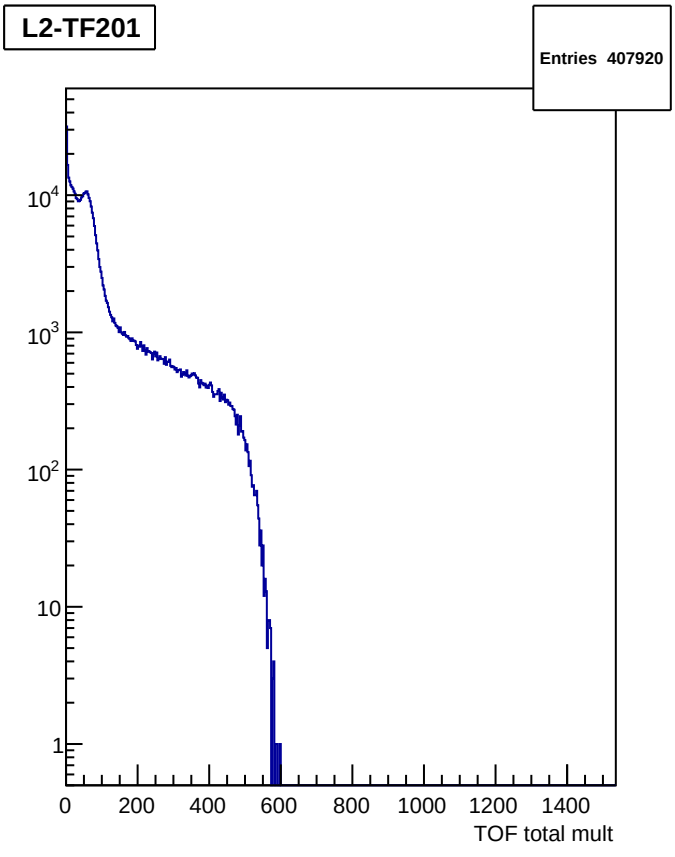

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

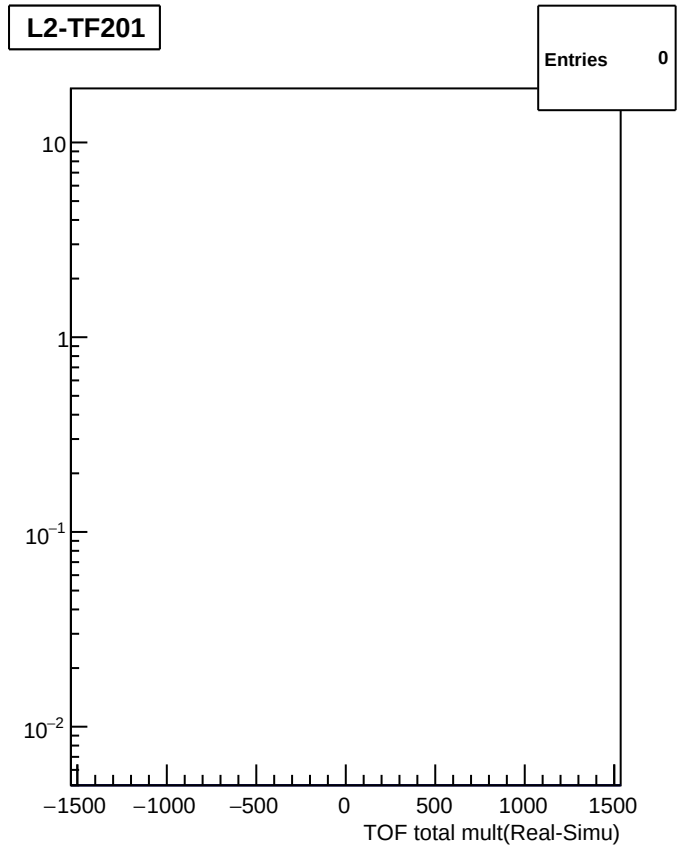

MIX-TF101
Entries 2447520
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

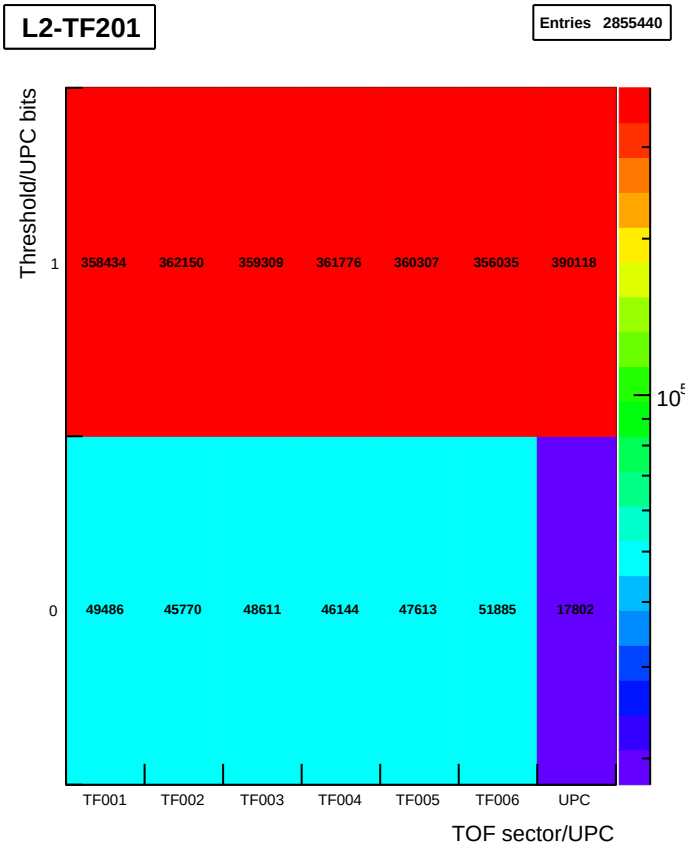

MIX-TF101
Entries 127027
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

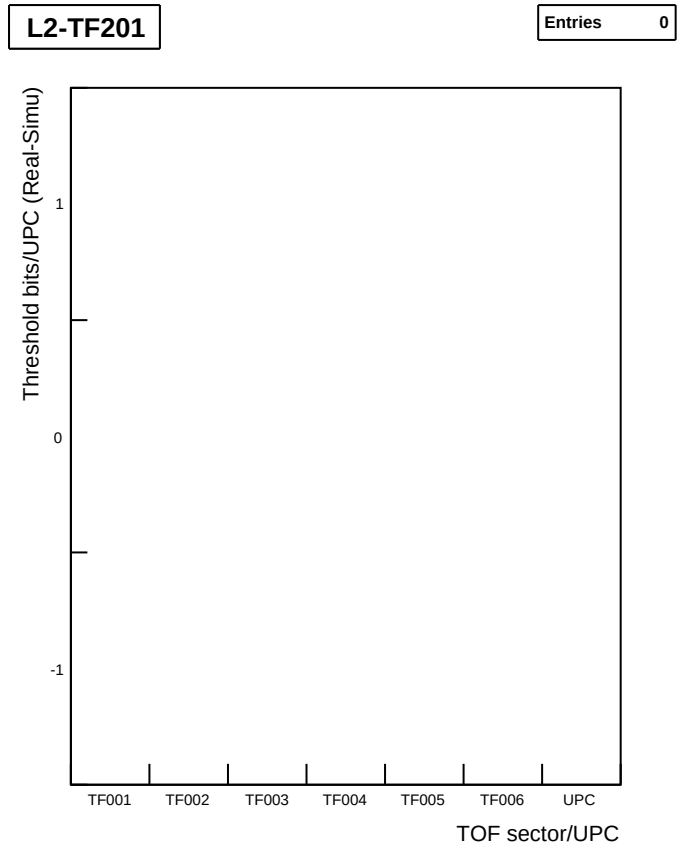

MIX-TF101
Entries 2447520
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

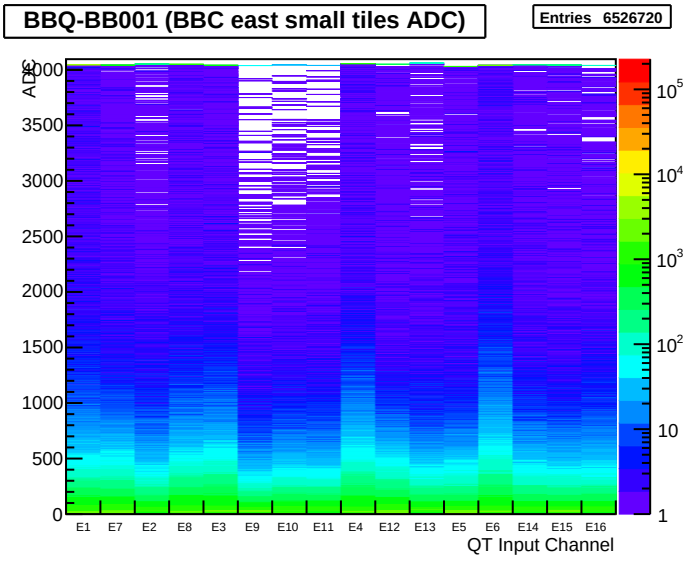

MIX-TF101
Entries 257686
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

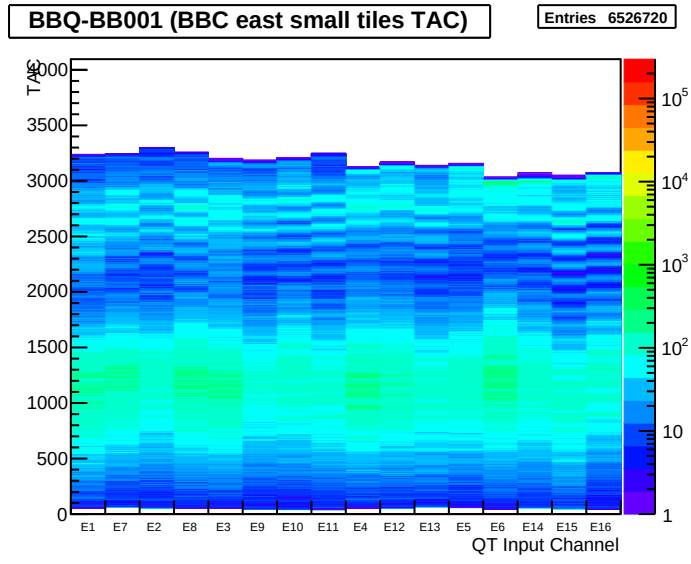

L2-TF201
Entries 407920
TOF total mult

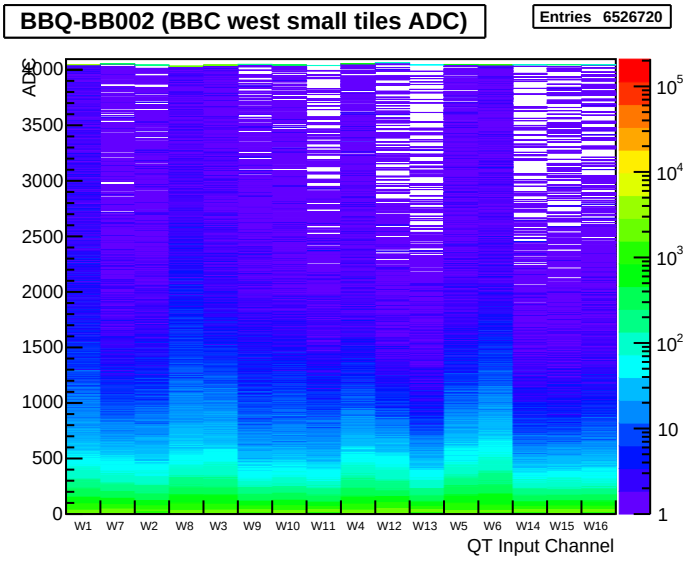

L2-TF201
Entries 0
TOF total mult(Real-Simu)

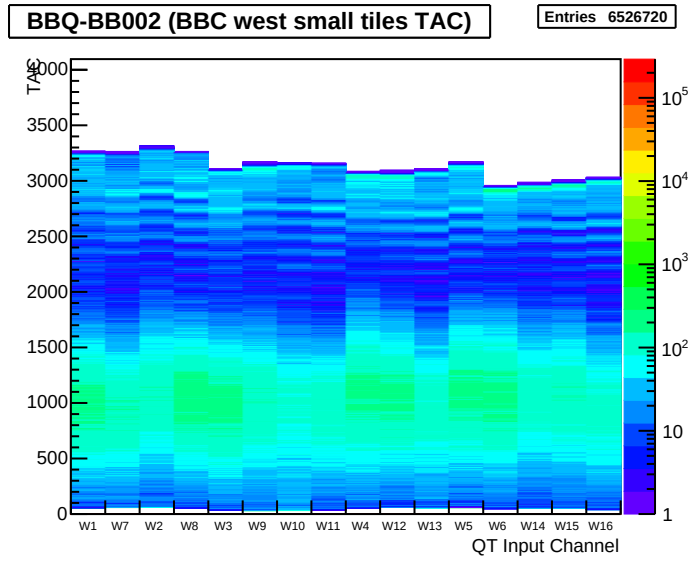

L2-TF201
Entries 2855440
Threshold/UPC bits
358434
362150
359309
361776
360307
356035
390118
49486
45770
48611
46144
47613
51885
17802
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

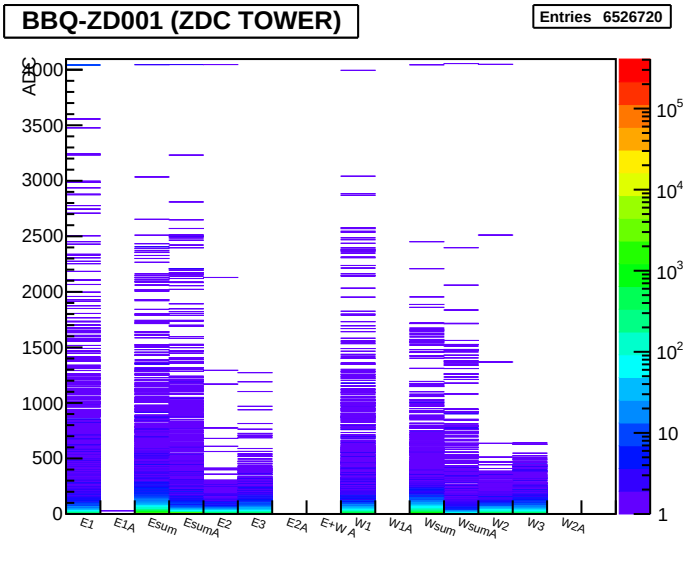

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

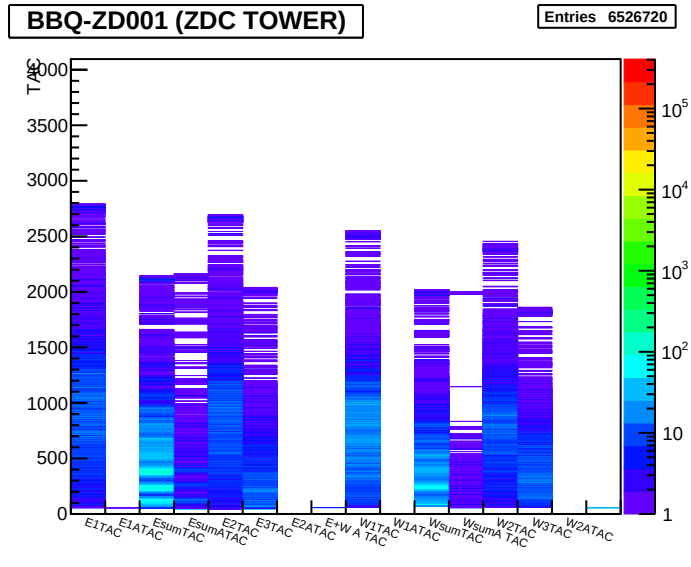

BBQ-BB001 (BBC east small tiles ADC)
Entries 6526720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

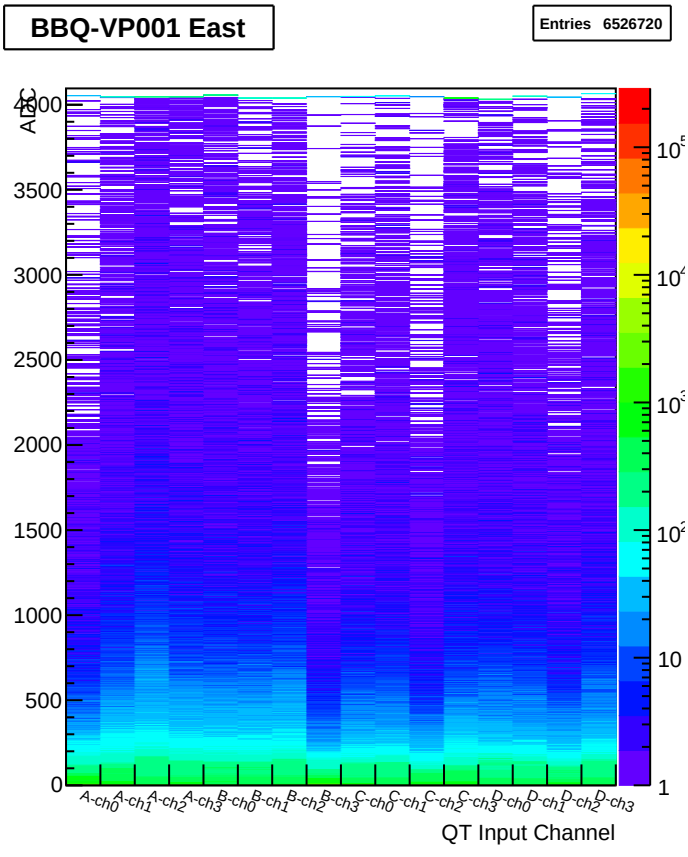

BBQ-BB001 (BBC east small tiles TAC)
Entries 6526720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

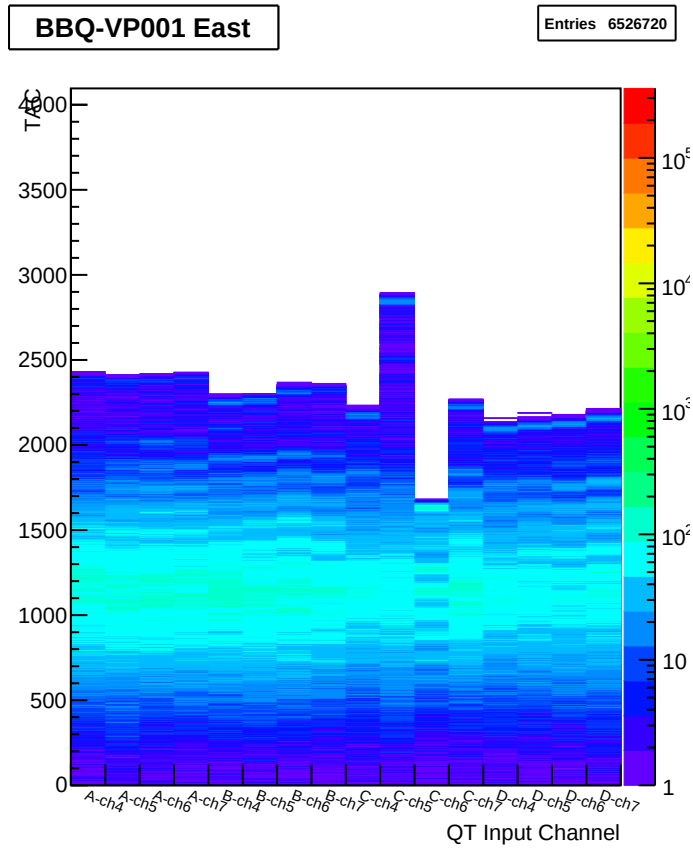

BBQ-BB002 (BBC west small tiles ADC)
Entries 6526720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

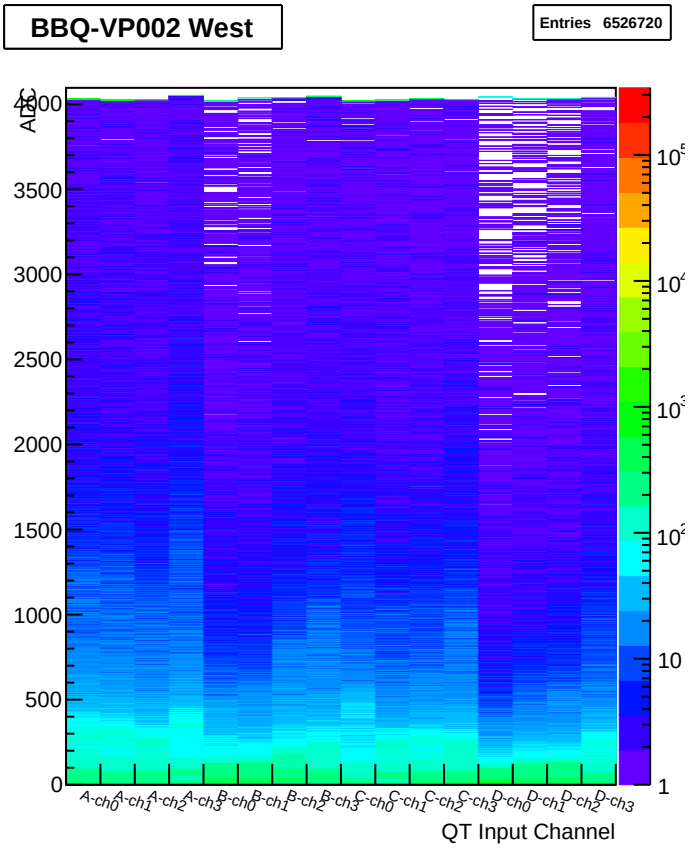

BBQ-BB002 (BBC west small tiles TAC)
Entries 6526720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

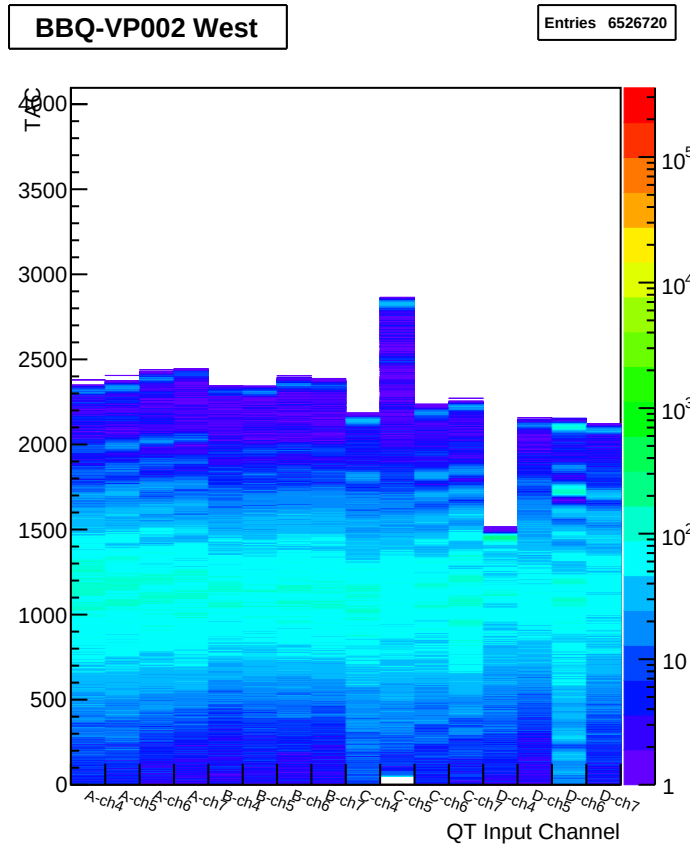

BBQ-ZD001 (ZDC TOWER)
Entries 6526720
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

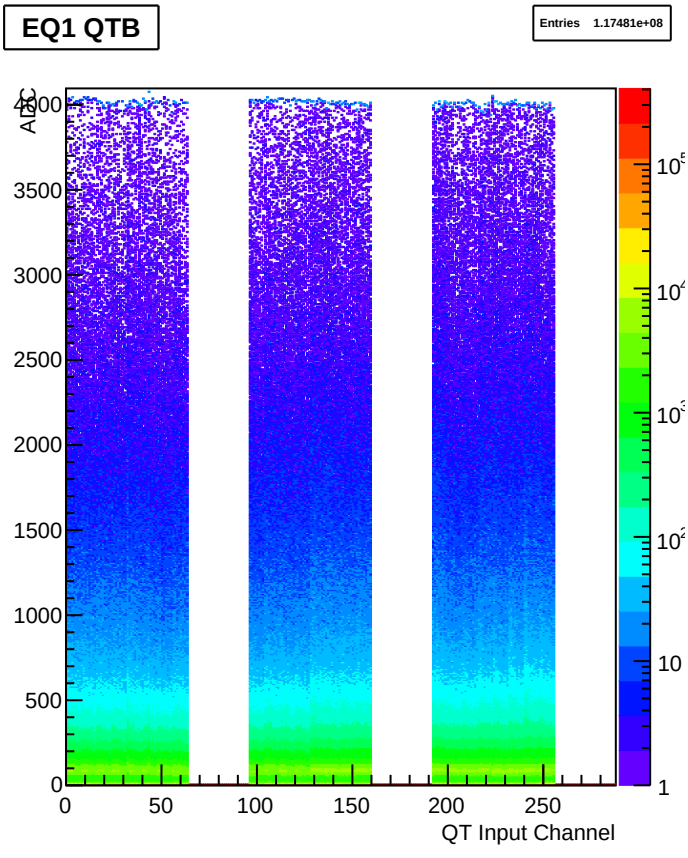

BBQ-ZD001 (ZDC TOWER)
Entries 6526720
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

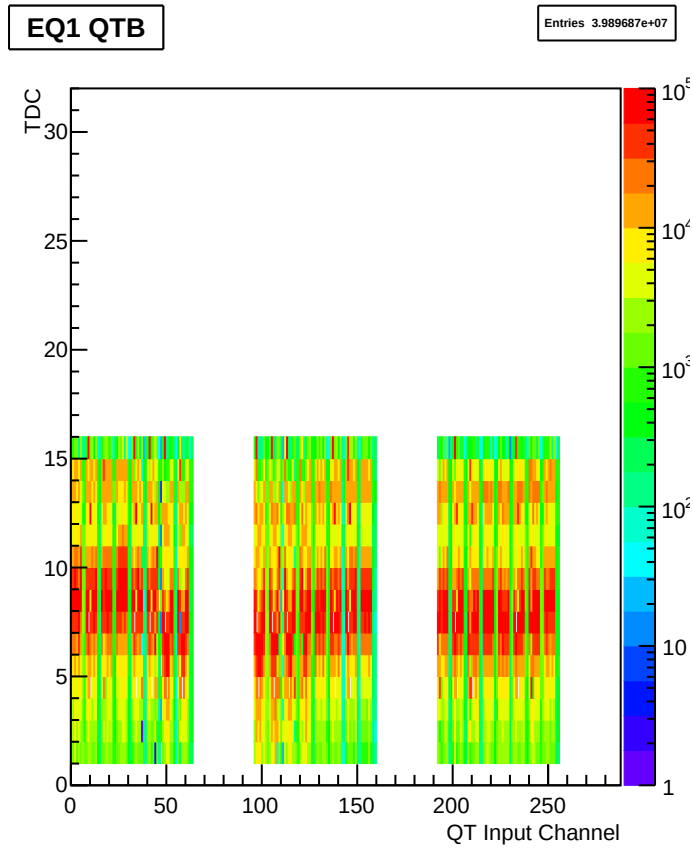

BBQ-VP001 East
Entries 6526720
ADC
QT Input Channel

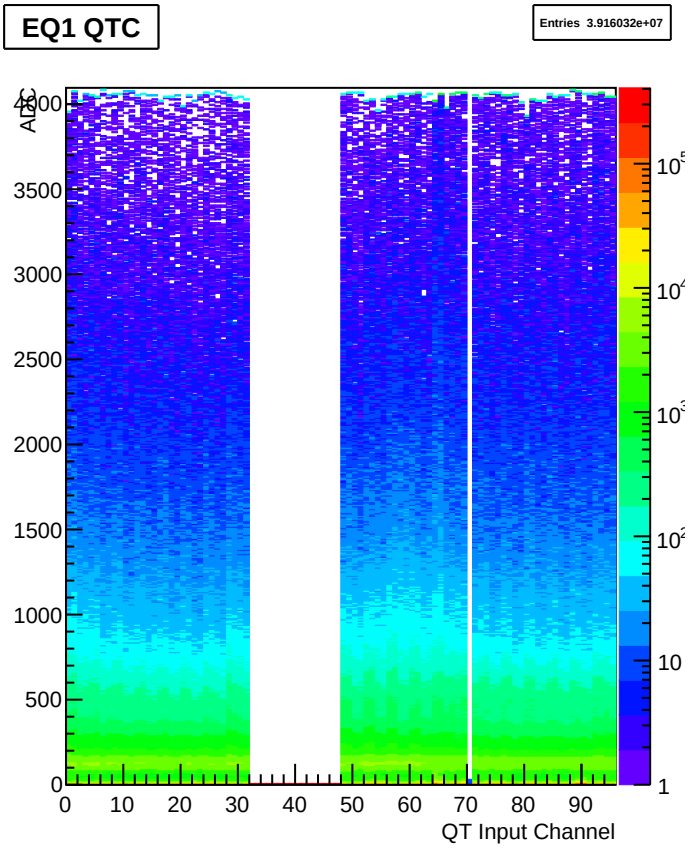

BBQ-VP001 East
Entries 6526720
TADC
QT Input Channel

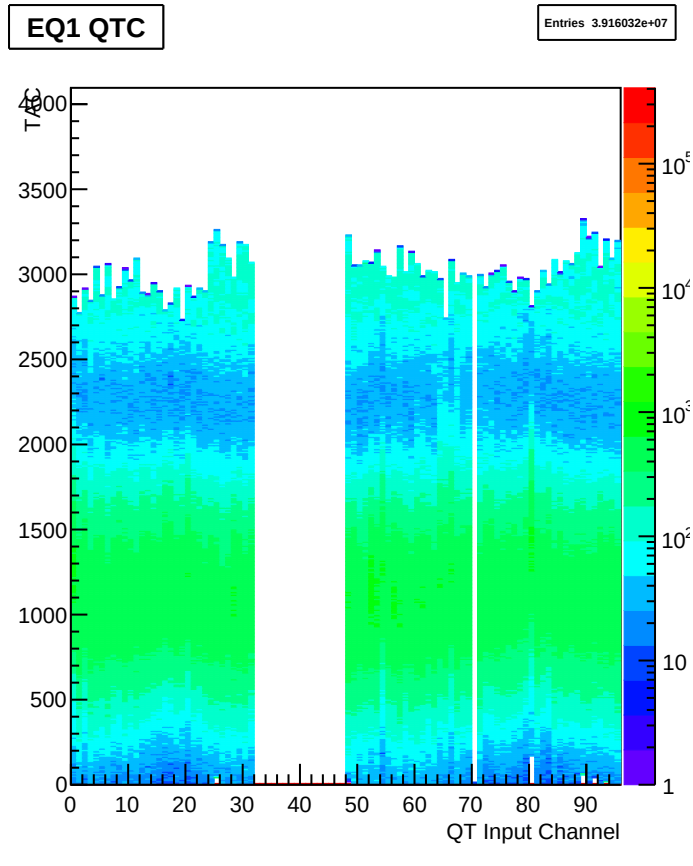

BBQ-VP002 West
Entries 6526720
ADC
QT Input Channel

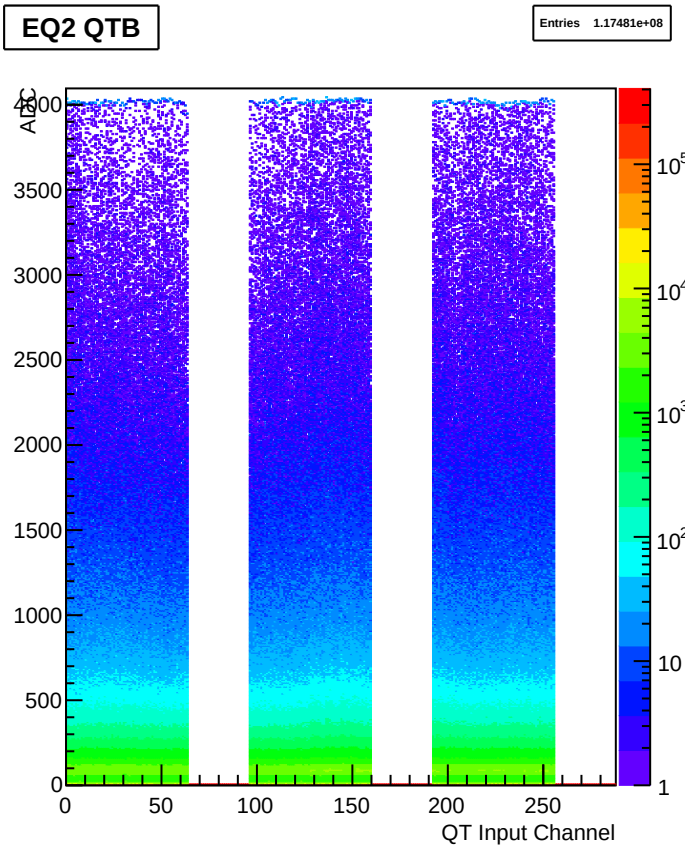

BBQ-VP002 West
Entries 6526720
TADC
QT Input Channel

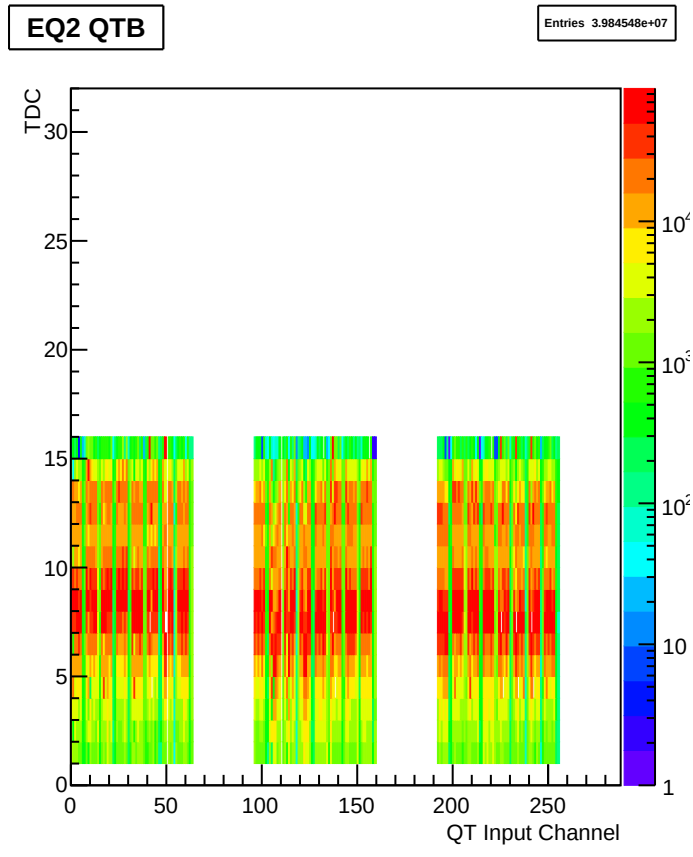

EQ1 QTB
Entries 1.17481e+08
ADC
QT Input Channel

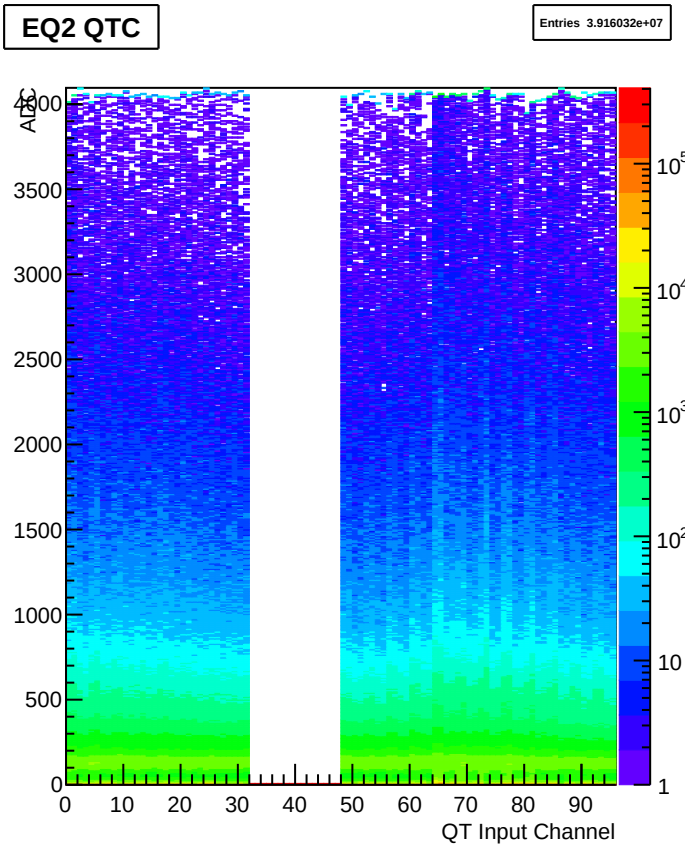

EQ1 QTB
Entries 3.989687e+07
TDC
QT Input Channel

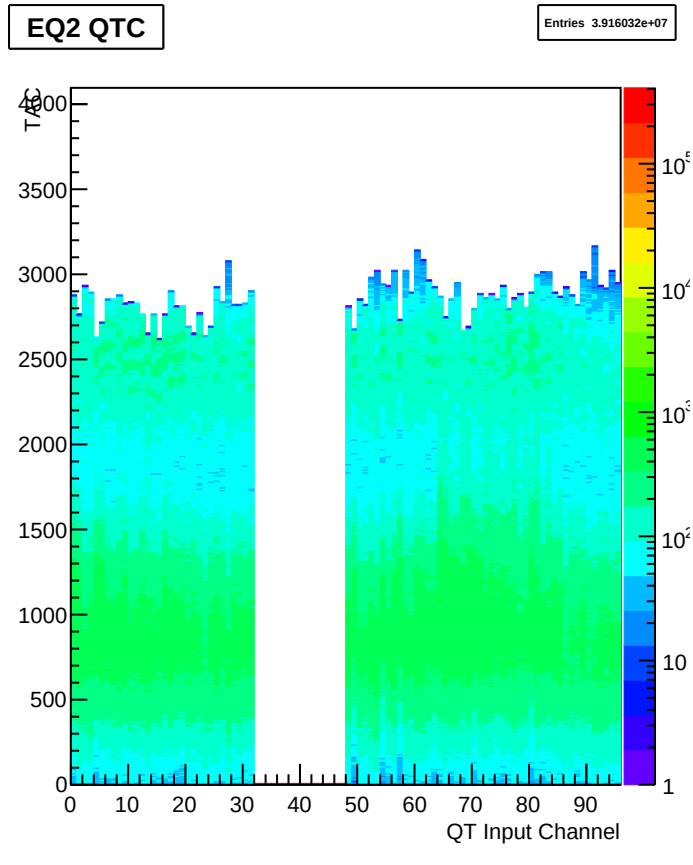

EQ1 QTC
Entries 3.916032e+07
ADC
QT Input Channel

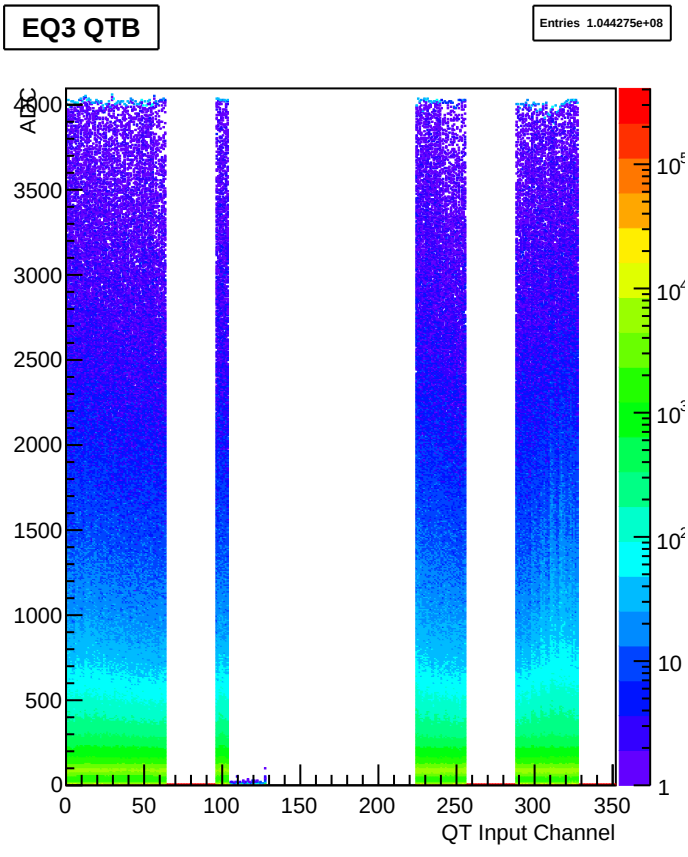

EQ1 QTC
Entries 3.916032e+07
TADC
QT Input Channel

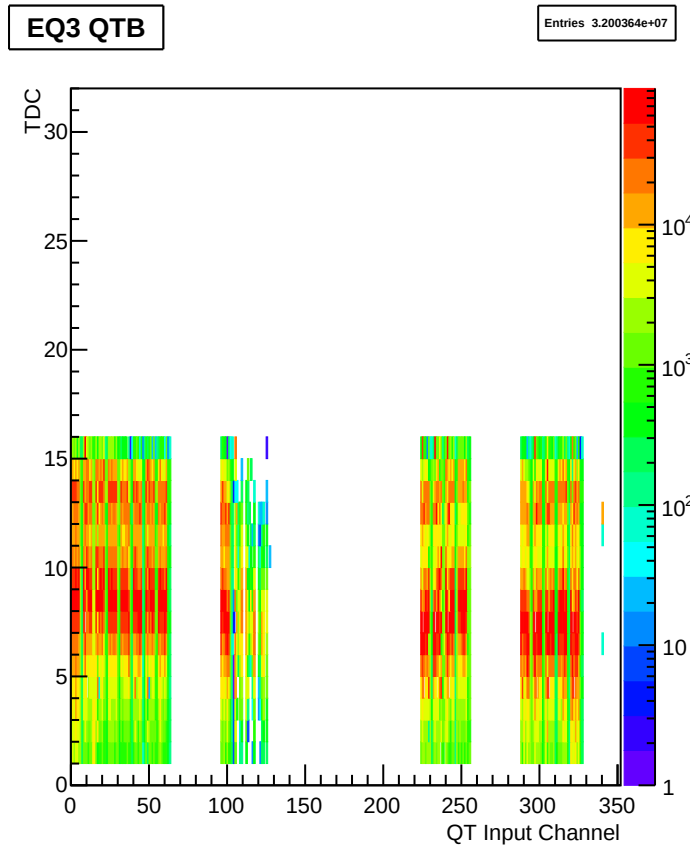

EQ2 QTB
Entries 1.17481e+08
ADC
QT Input Channel

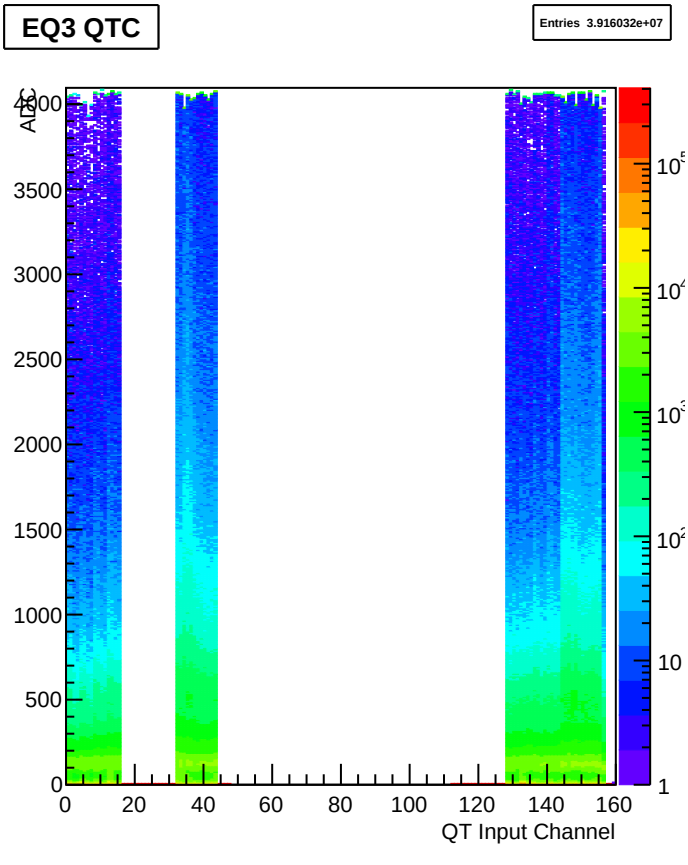

EQ2 QTB
Entries 3.984548e+07
TDC
QT Input Channel

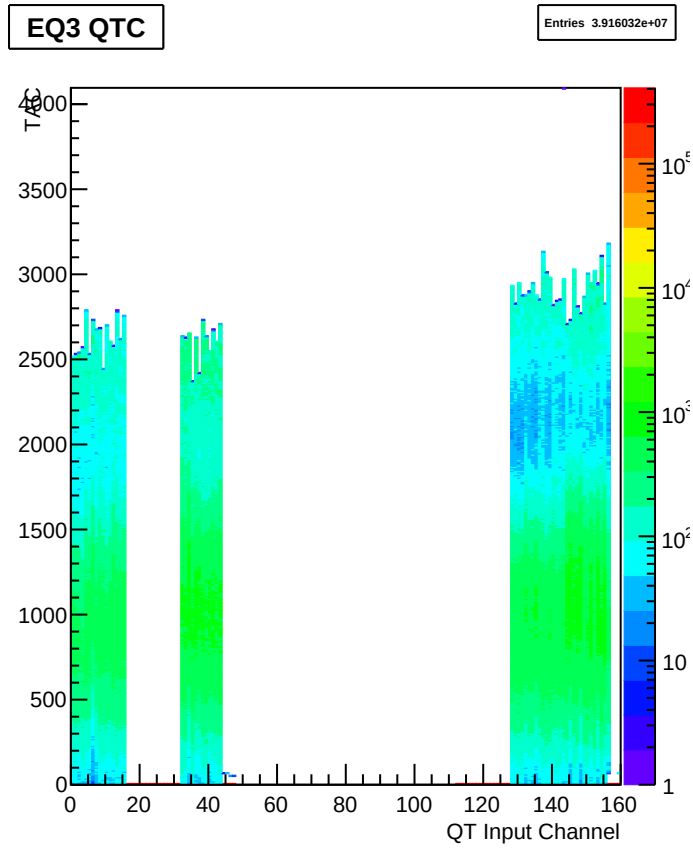

EQ2 QTC
Entries 3.916032e+07
ADC
QT Input Channel

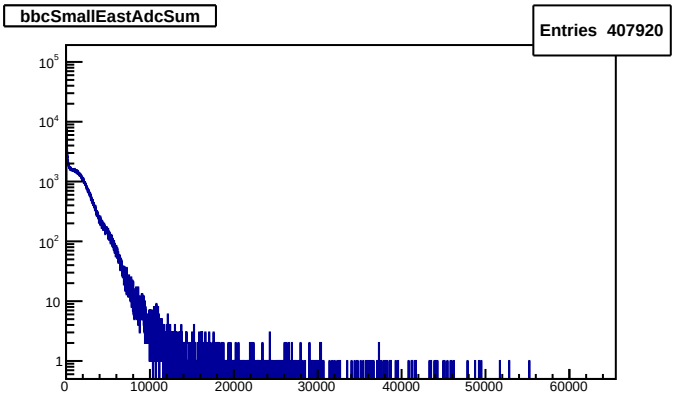

EQ2 QTC
Entries 3.916032e+07
TADC
QT Input Channel

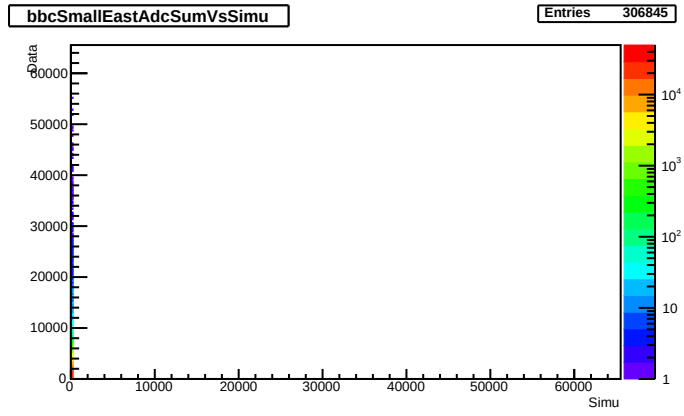

EQ3 QTB
Entries 1.044275e+08
ADC
QT Input Channel

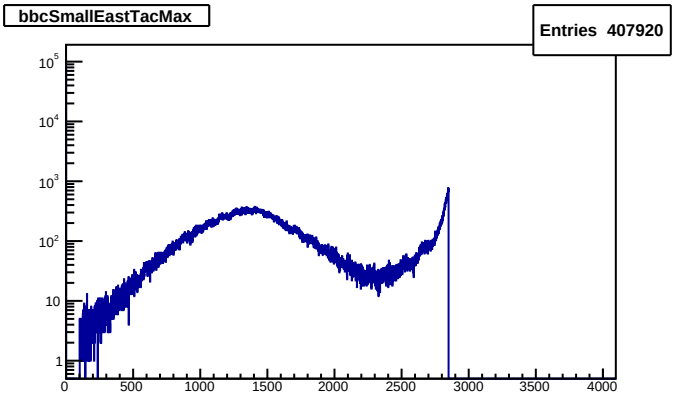

EQ3 QTB
Entries 3.200364e+07
TDC
QT Input Channel

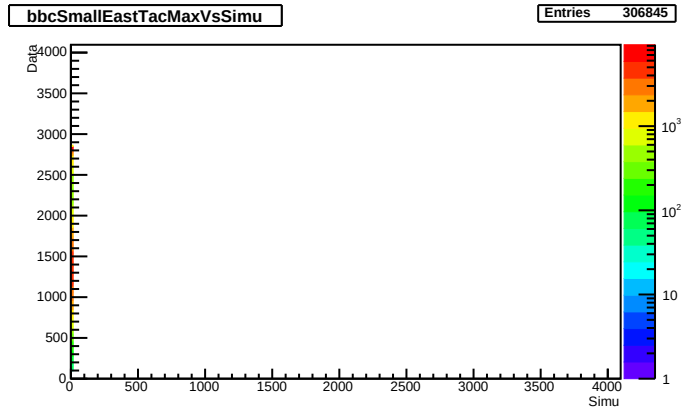

EQ3 QTC
Entries 3.916032e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.916032e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 407920


bbcSmallEastAdcSumVsSimu
Entries 306845
Data
Simu


bbcSmallEastTacMax
Entries 407920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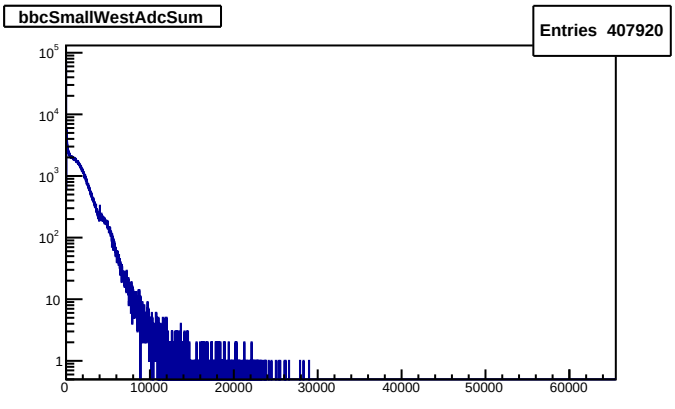
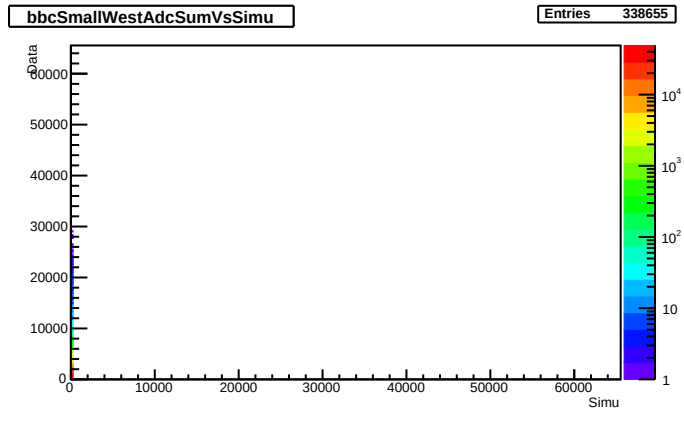
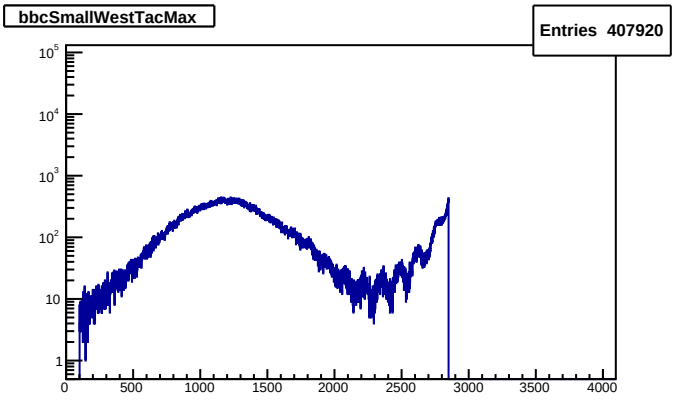
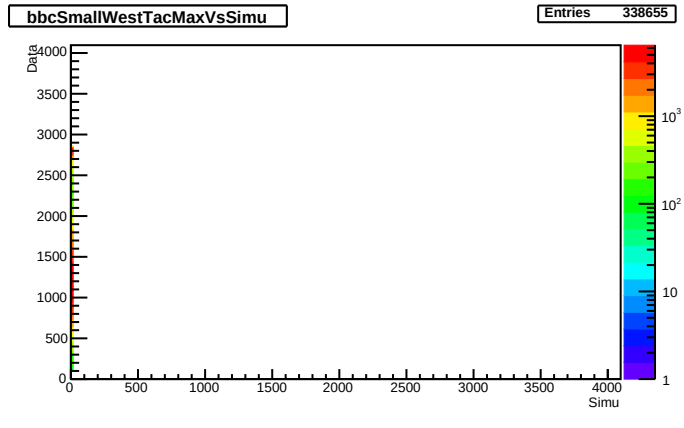
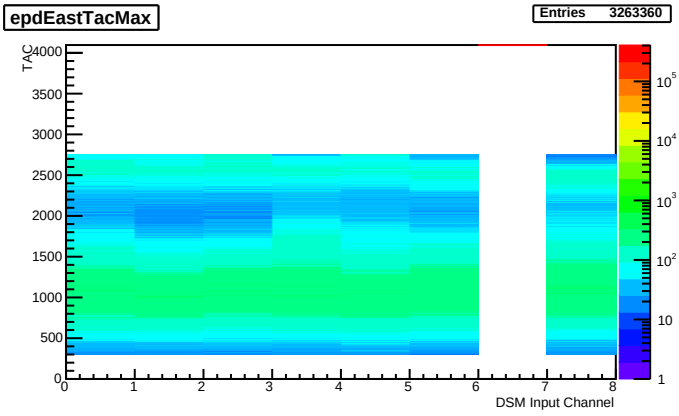
Entries 306845
Data
Simu

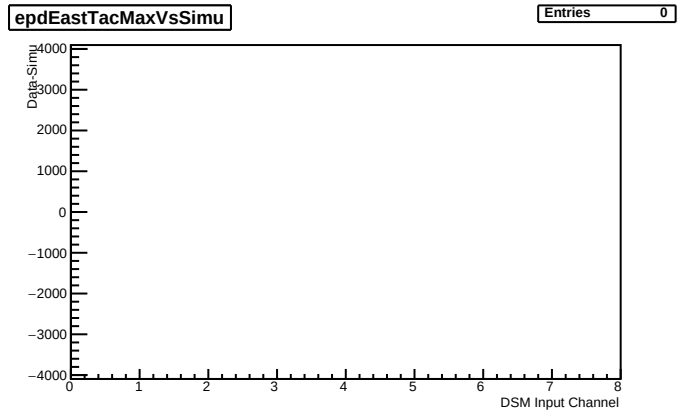

bbcSmallWestAdcSum
Entries 407920

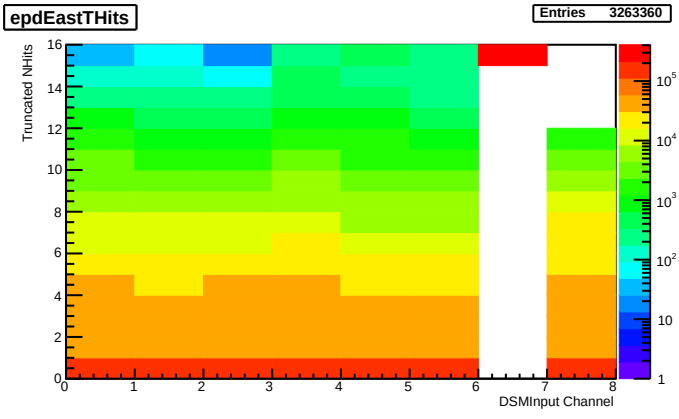

bbcSmallWestAdcSumVsSimu
Entries 338655
Data
Simu

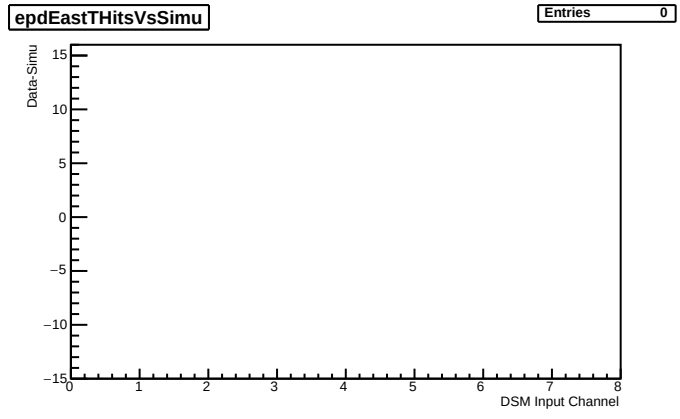

bbcSmallWestTacMax
Entries 407920


bbcSmallWestTacMaxVsSimu
Entries 338655
Data
Simu


epdEastTacMax
Entries 3263360
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3263360
Truncated NHits
DSMInput Channel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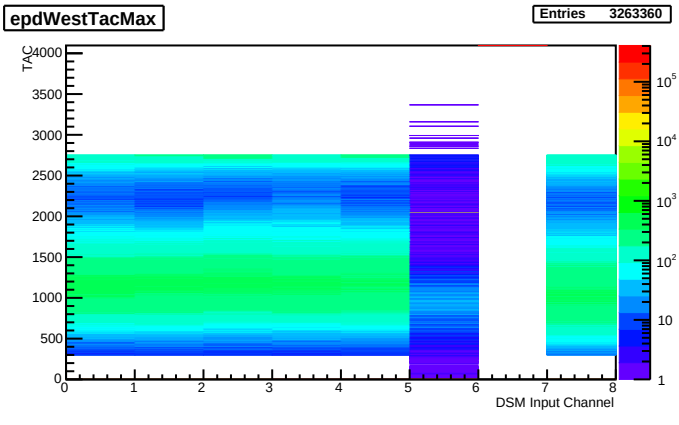
Entries 0
Data-Simu
DSM Input Channel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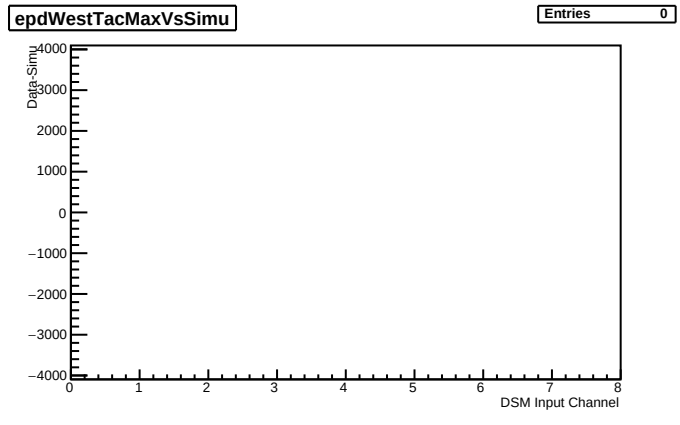
Entries 3263360
TAC
DSM Input Channel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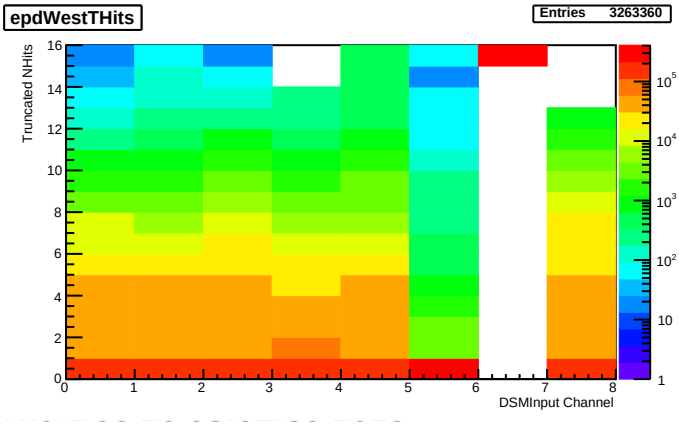
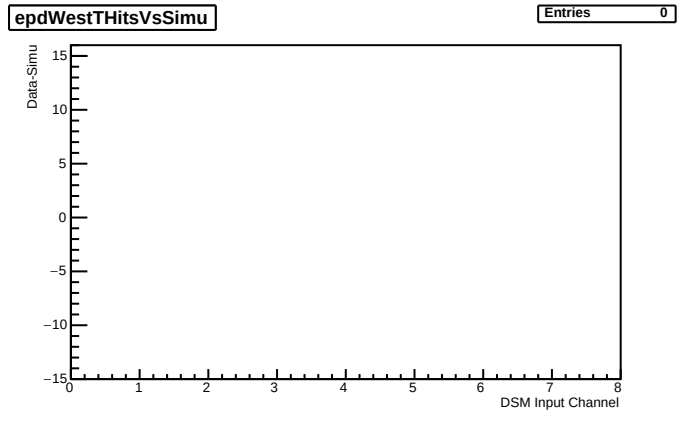
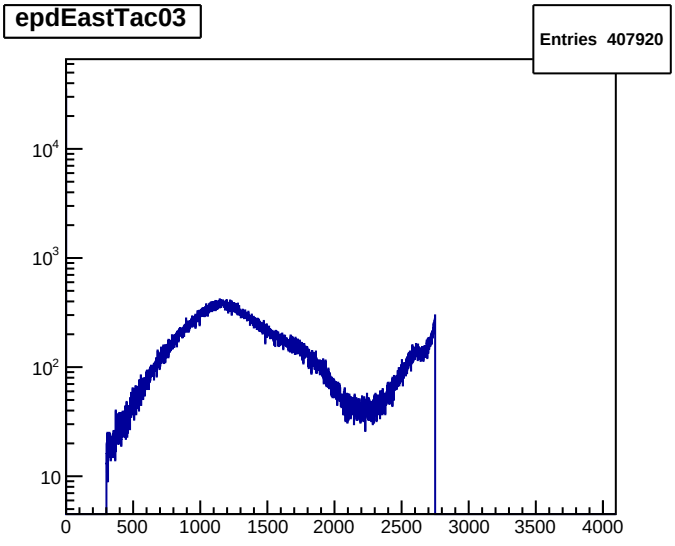
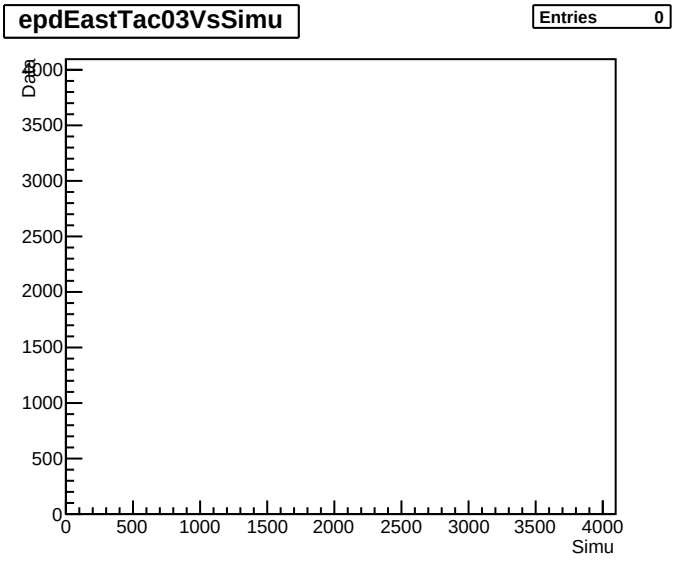
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3263360
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 407920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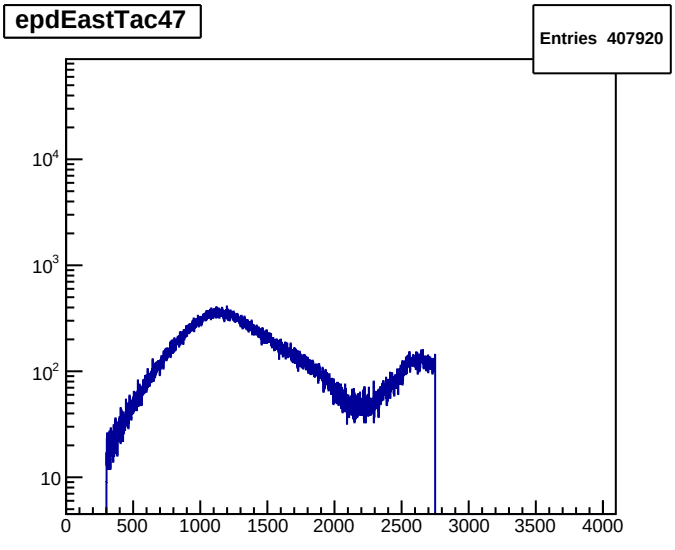
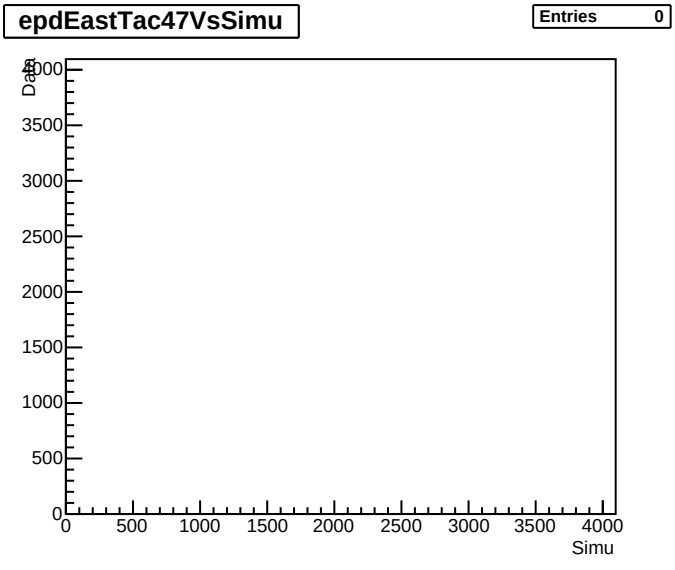
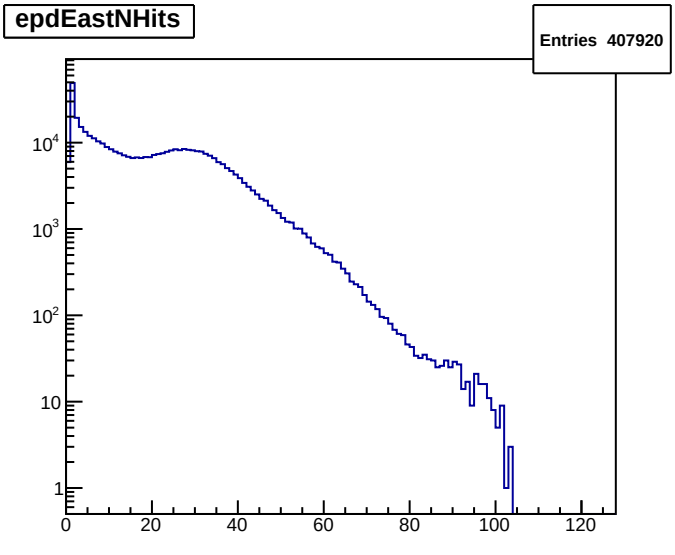
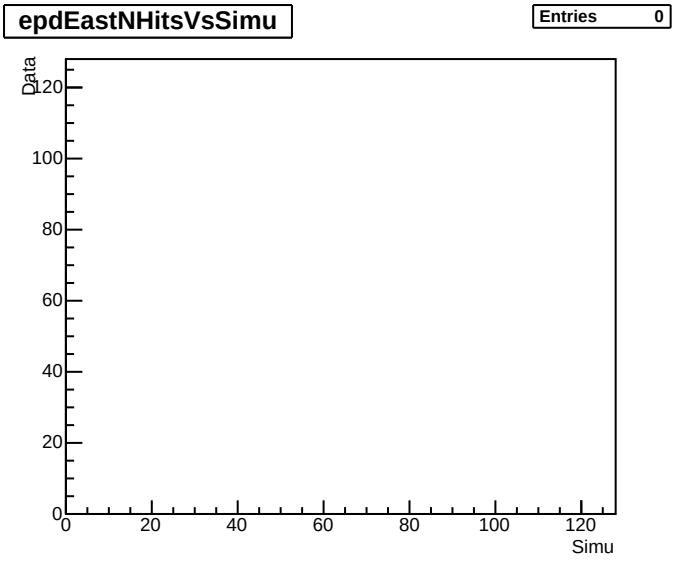
Entries 0
Data
Simu


epdEastTac47
Entries 407920


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 407920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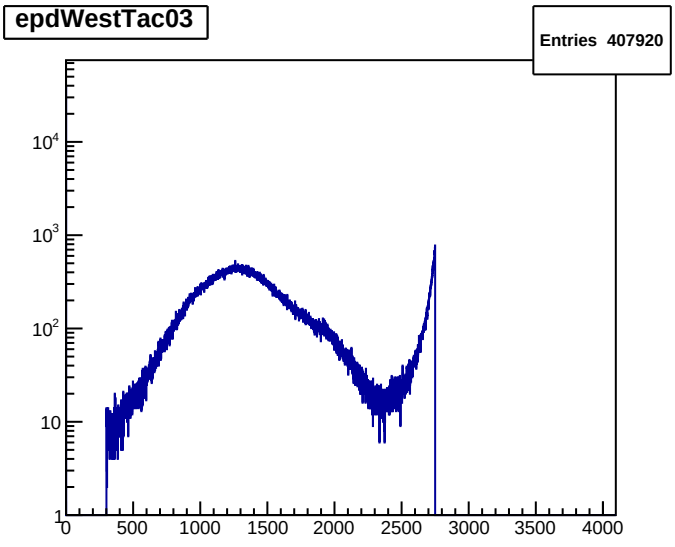
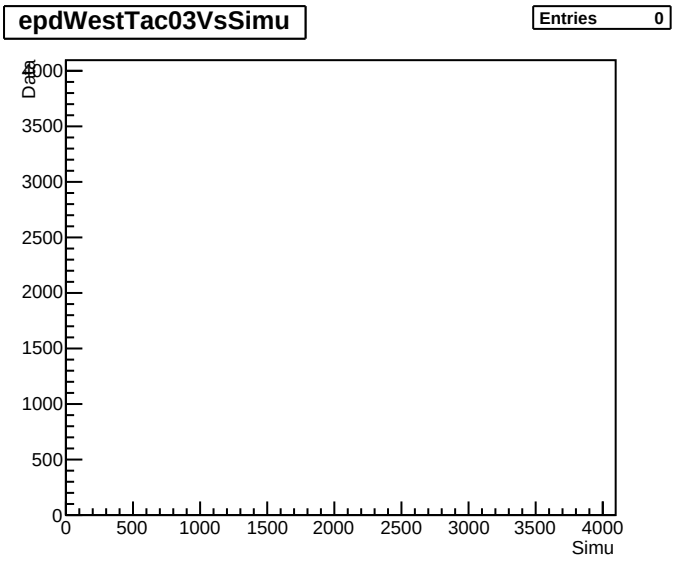
Entries 0
Data
Simu


epdWestTac03
Entries 407920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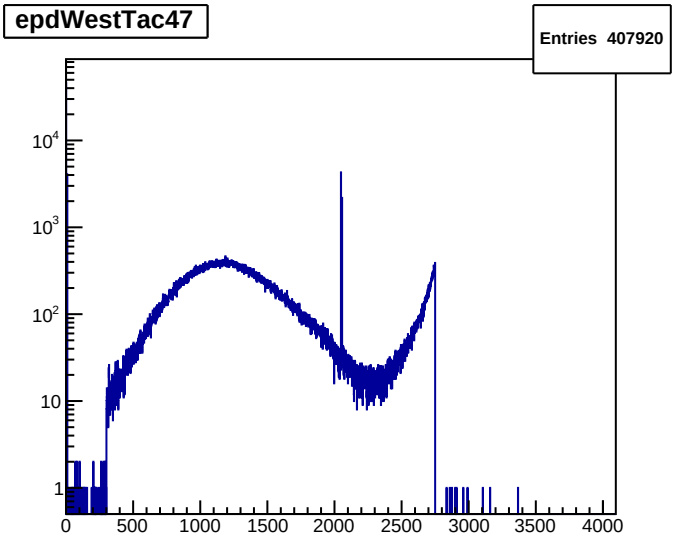
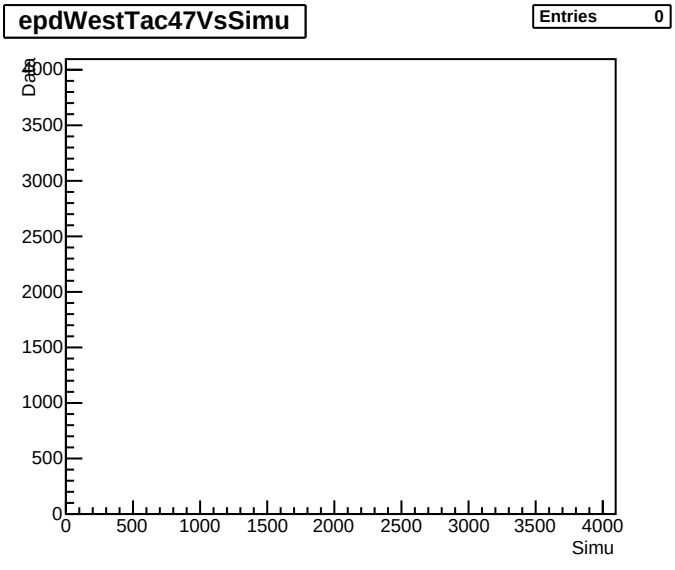
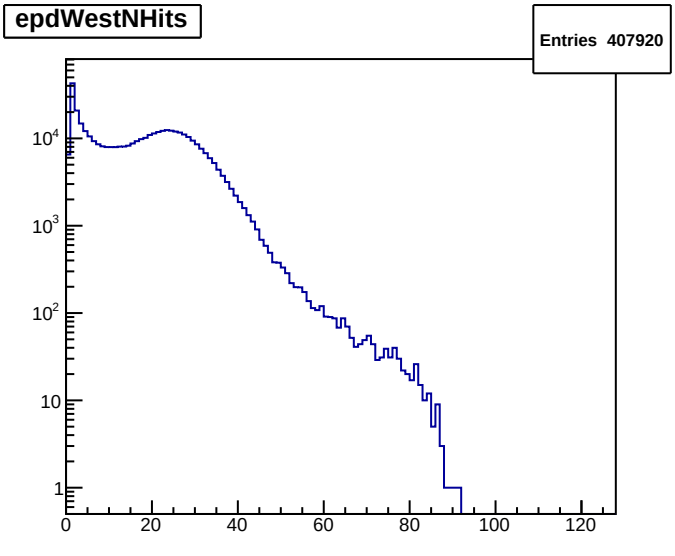
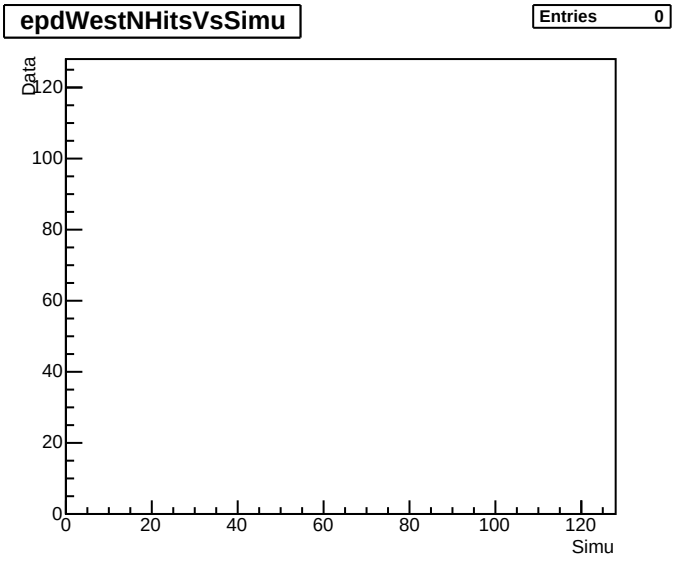
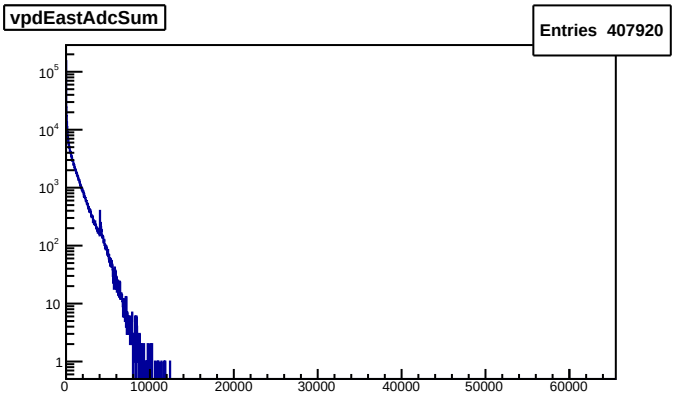
Entries 0
Data
Simu

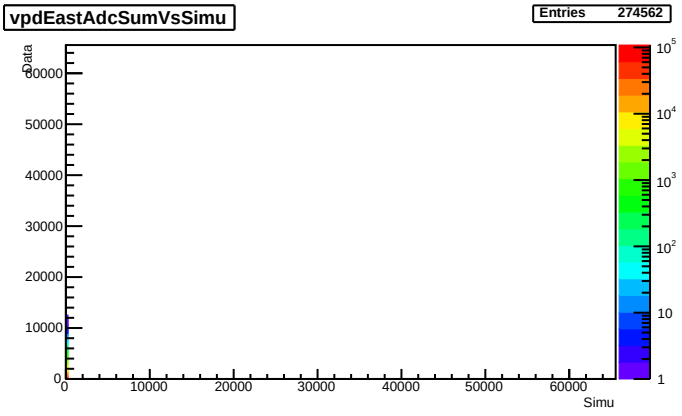

epdWestTac47
Entries 407920

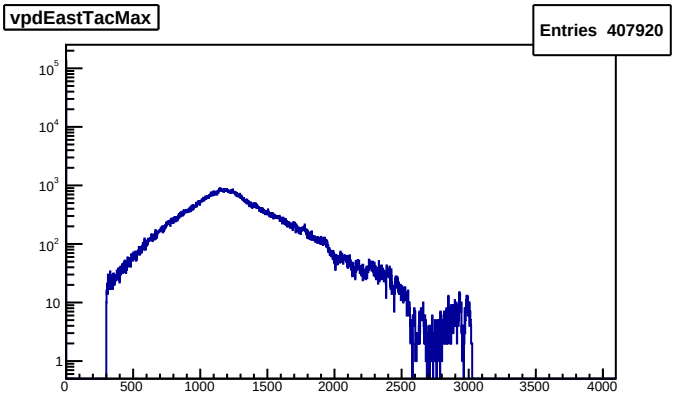

epdWestTac47VsSimu
Entries 0
Data
Simu

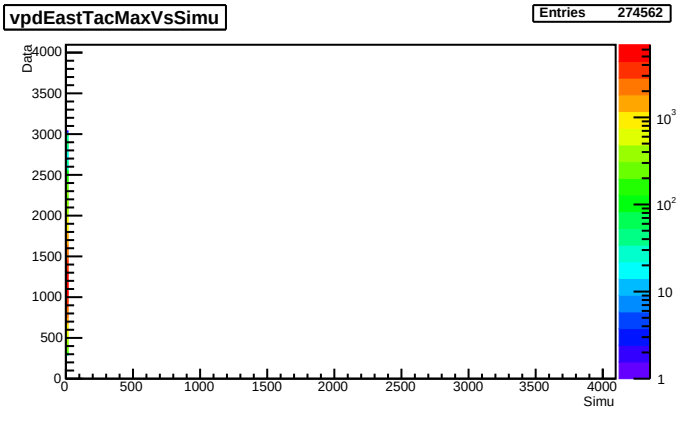

epdWestNHits
Entries 407920

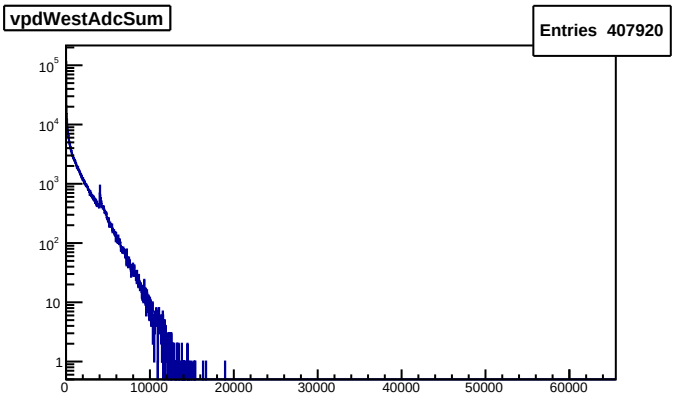

epdWestNHitsVsSimu
Entries 0
Data
Simu

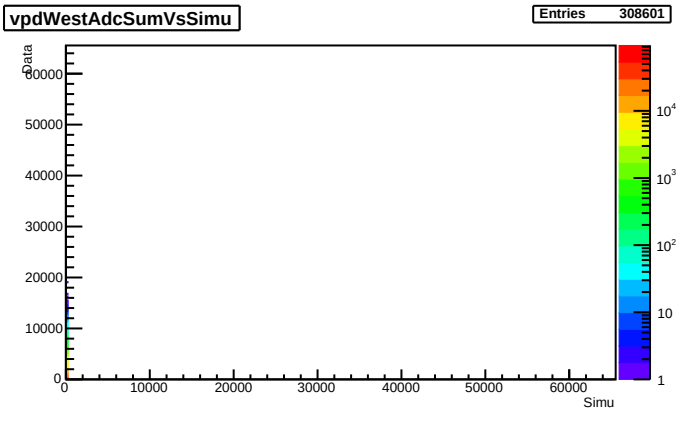

vpdEastAdcSum
Entries 407920

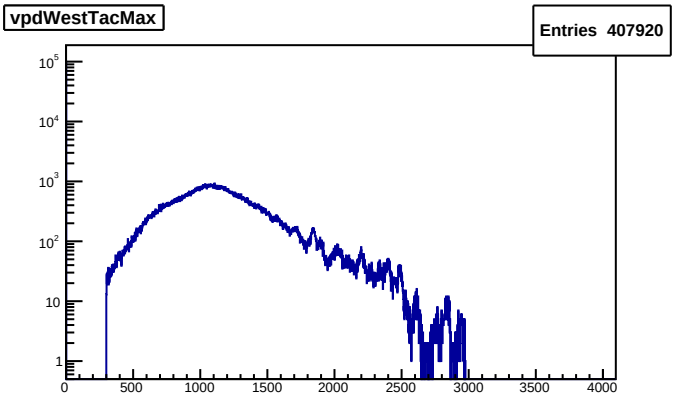

vpdEastAdcSumVsSimu
Entries 274562
Data
Simu

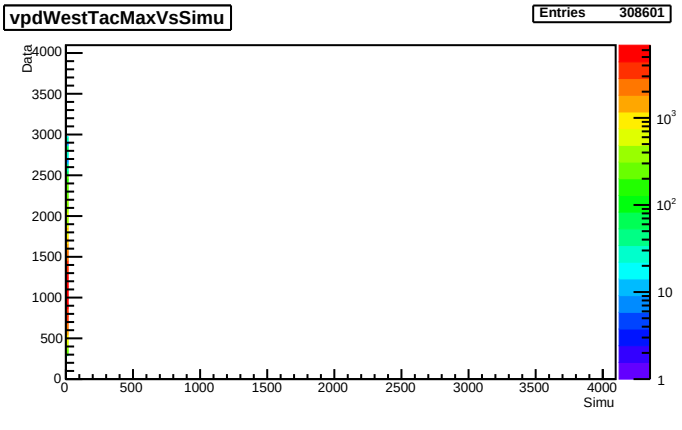

vpdEastTacMax
Entries 407920

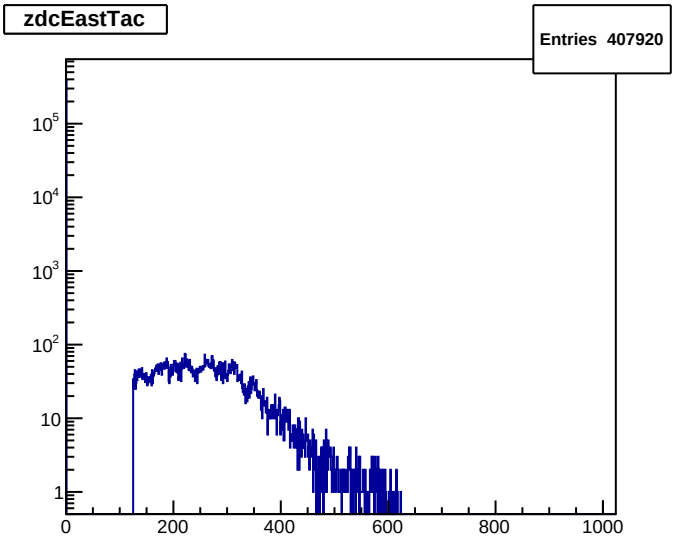

vpdEastTacMaxVsSimu
Entries 274562
Data
Simu

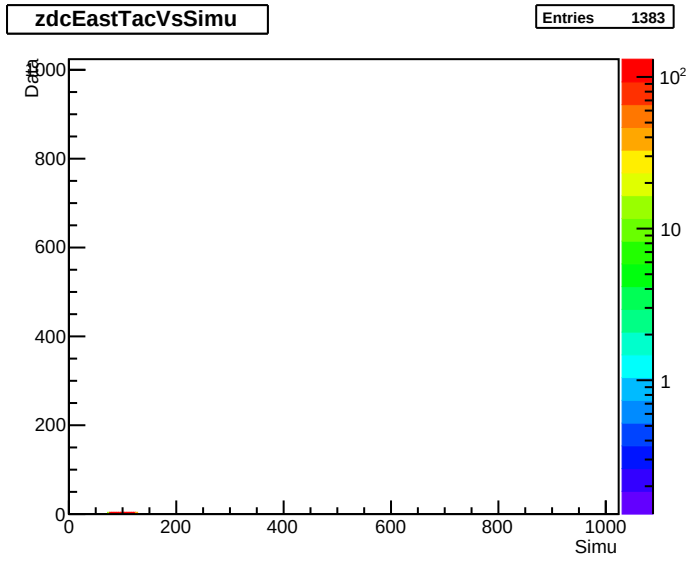

vpdWestAdcSum
Entries 407920

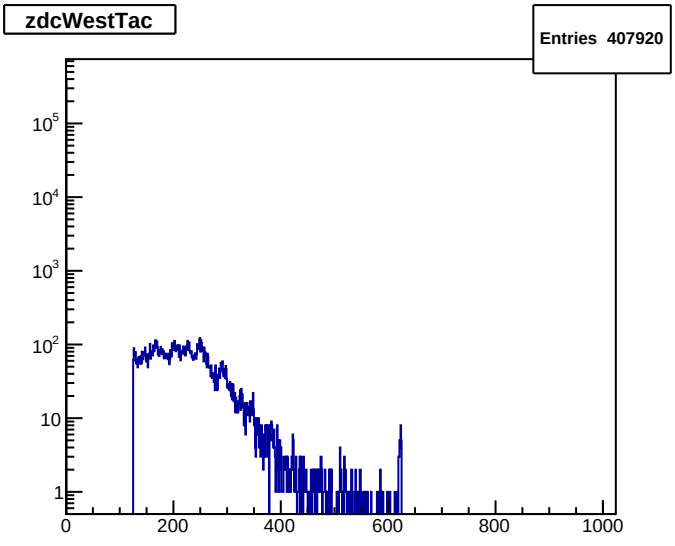

vpdWestAdcSumVsSimu
Entries 308601
Data
Simu

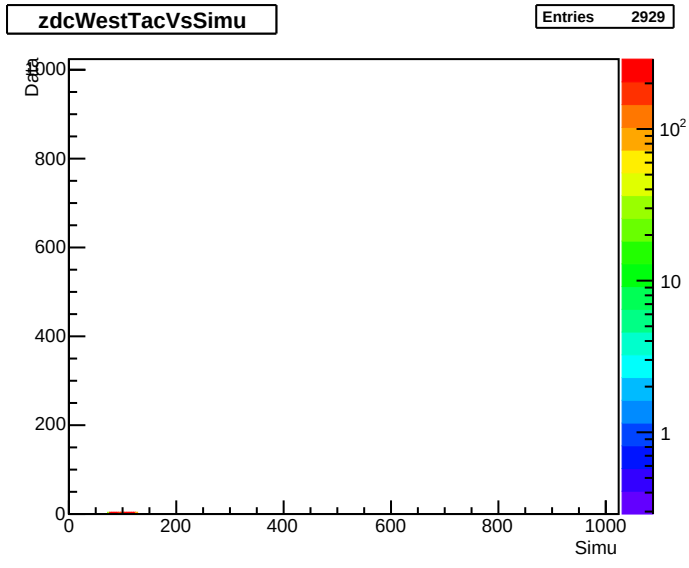

vpdWestTacMax
Entries 407920

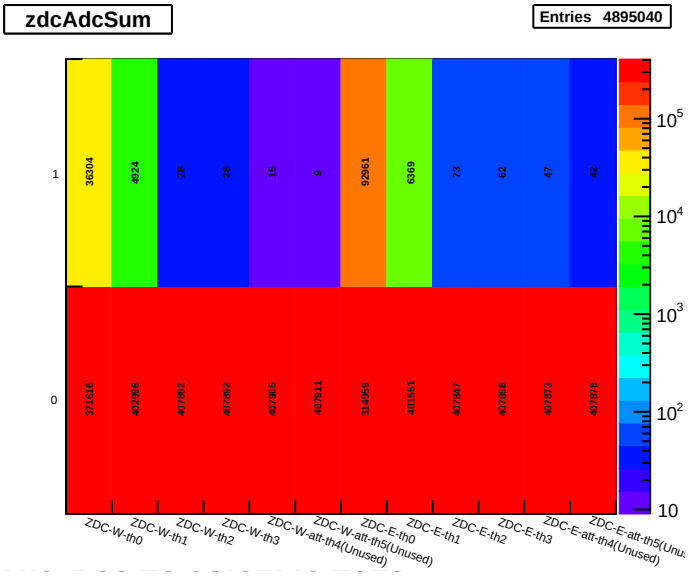

vpdWestTacMaxVsSimu
Entries 308601
Data
Simu

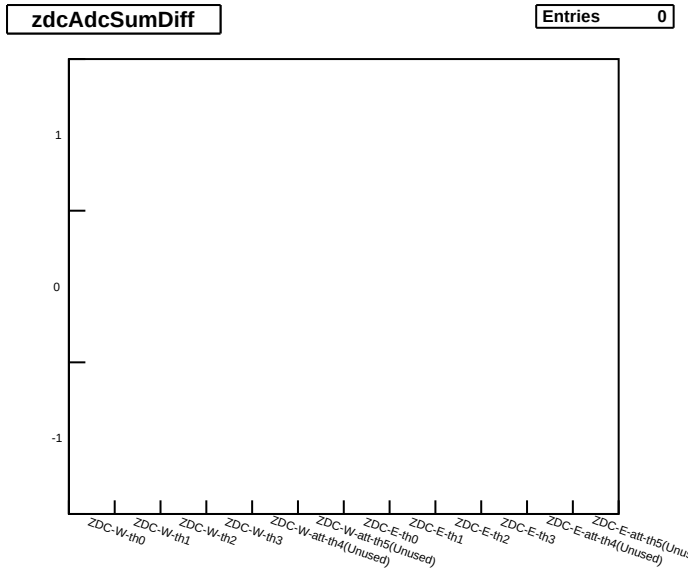

zdcEastTac
Entries 407920

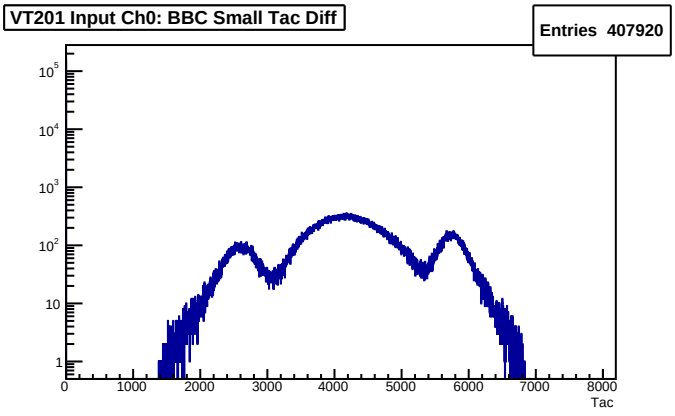

zdcEastTacVsSimu
Entries 1383
Data
Simu

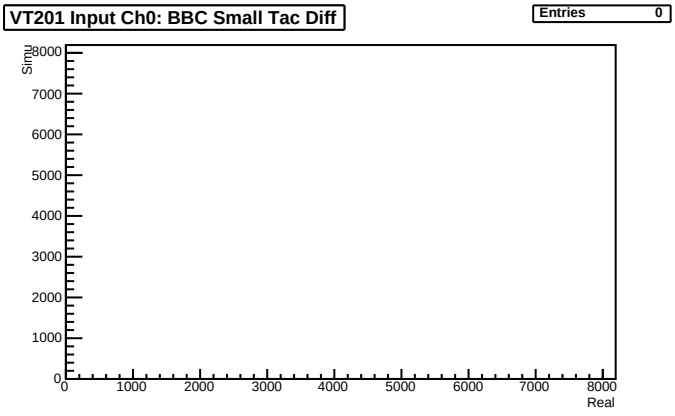

zdcWestTac
Entries 407920

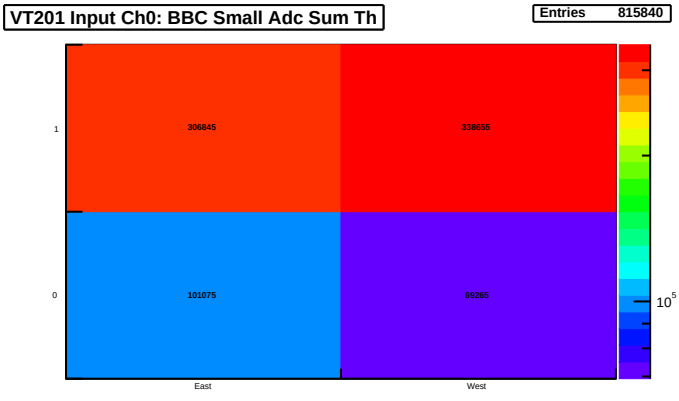

zdcWestTacVsSimu
Entries 2929
Data
Simu

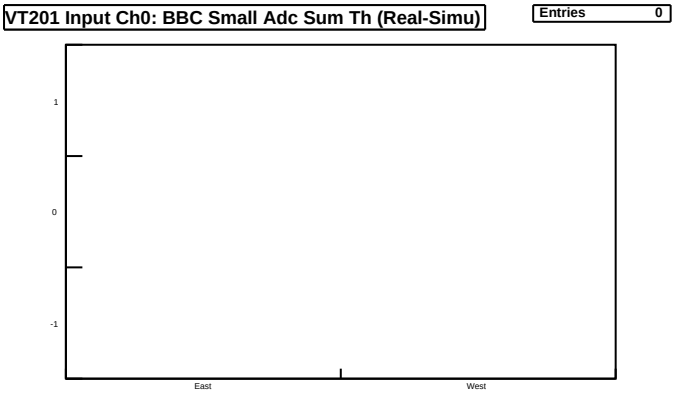

zdcAdcSum
Entries 4895040
36304
4924
28
28
15
9
92961
6369
73
62
47
42
371616
402896
407892
407892
407905
407911
314590
401551
407847
407858
407873
407878
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

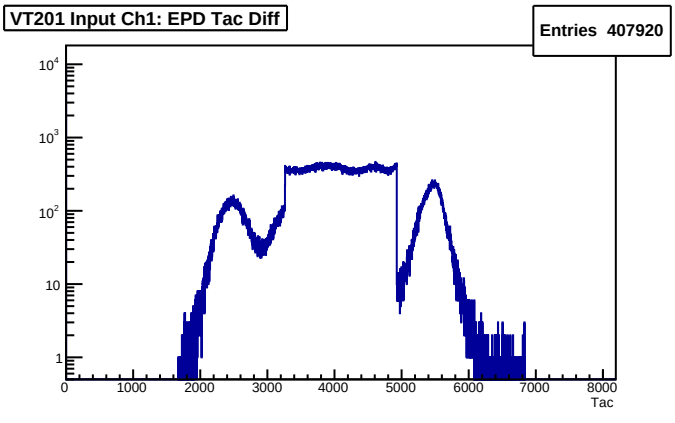

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

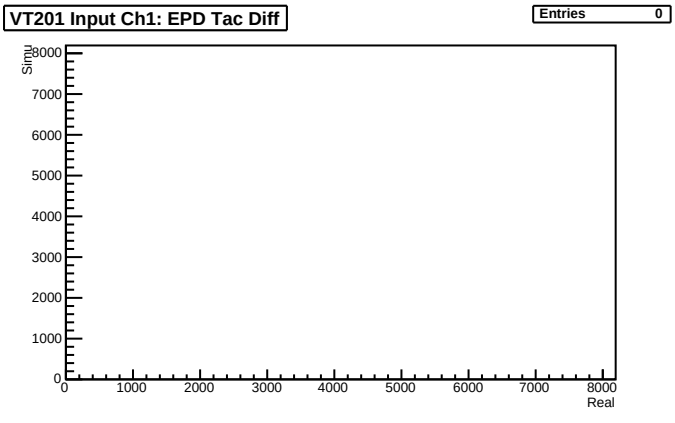

VT201 Input Ch0: BBC Small Tac Diff
Entries 407920
Tac

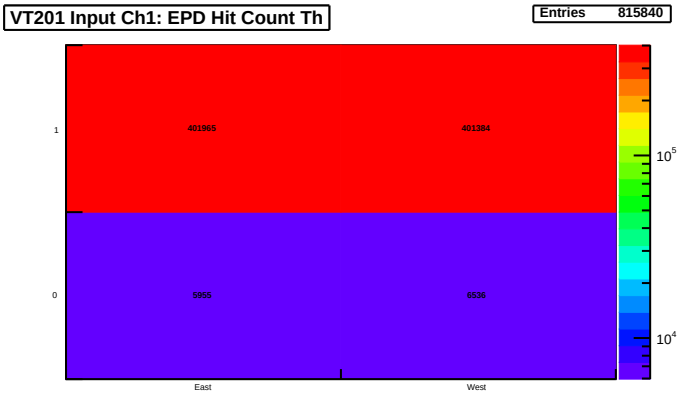

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

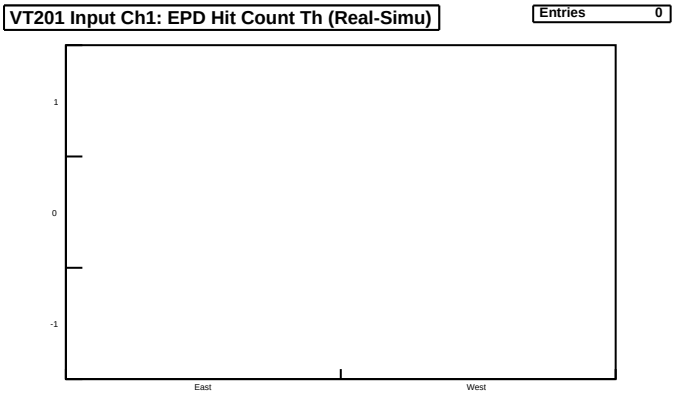

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 815840
306845
338655
101075
69265
East
West

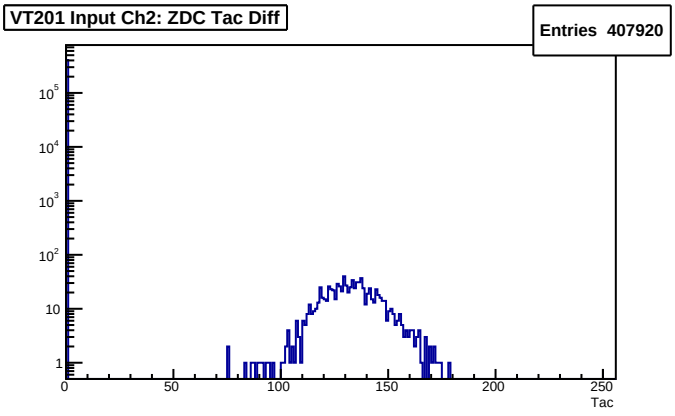

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

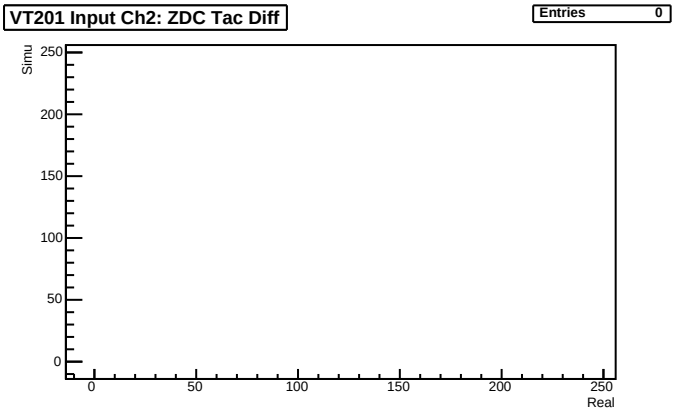

VT201 Input Ch1: EPD Tac Diff
Entries 407920
Tac

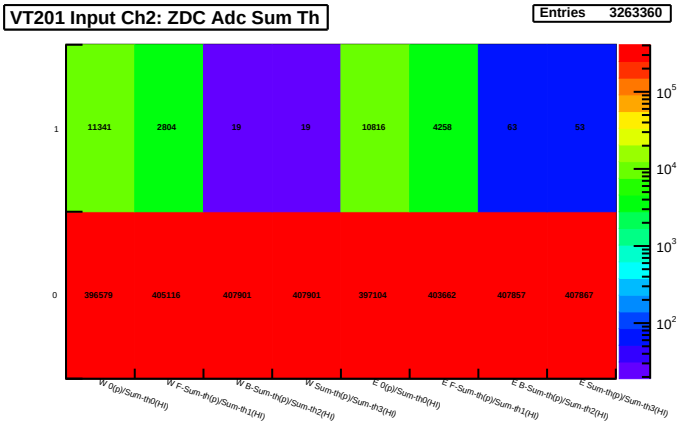

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

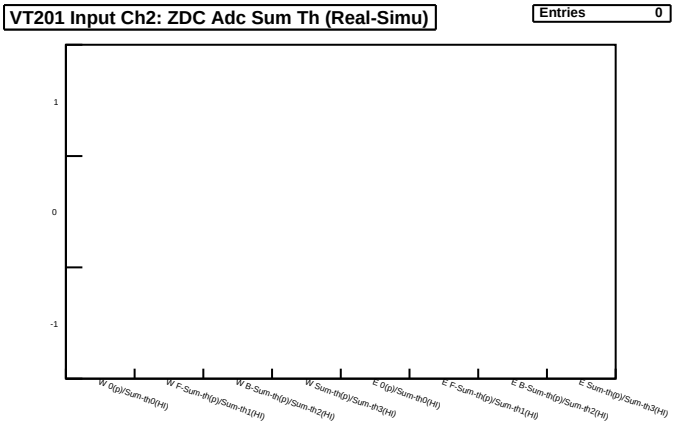

VT201 Input Ch1: EPD Hit Count Th
Entries 815840
401965
401384
5955
6536
East
West

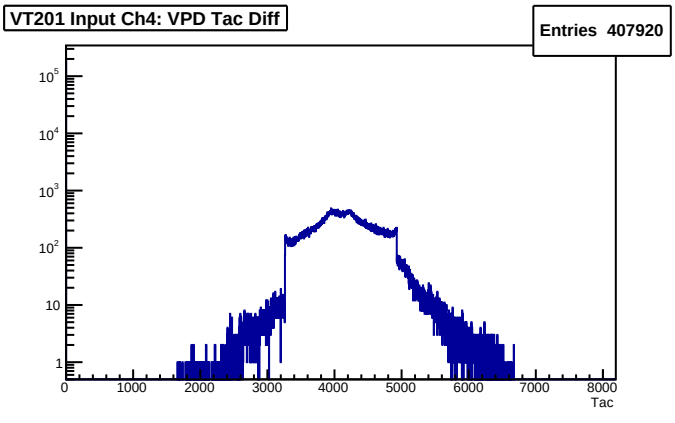

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

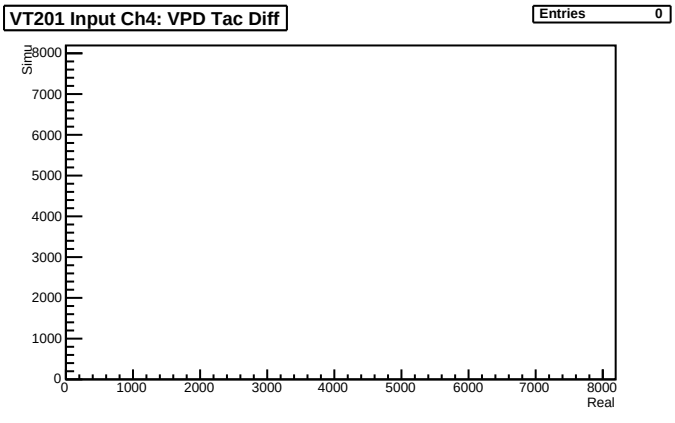

VT201 Input Ch2: ZDC Tac Diff
Entries 407920
Tac

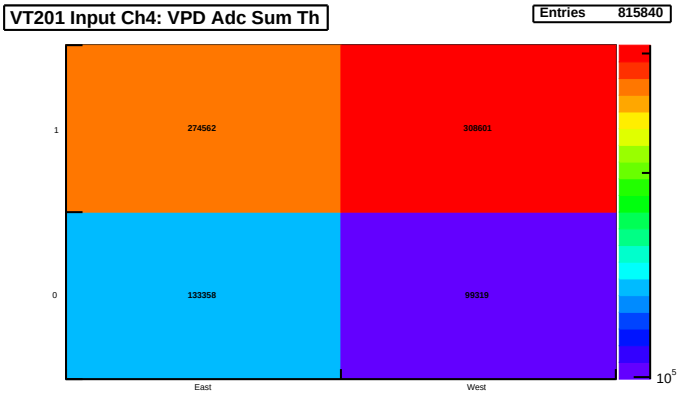

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

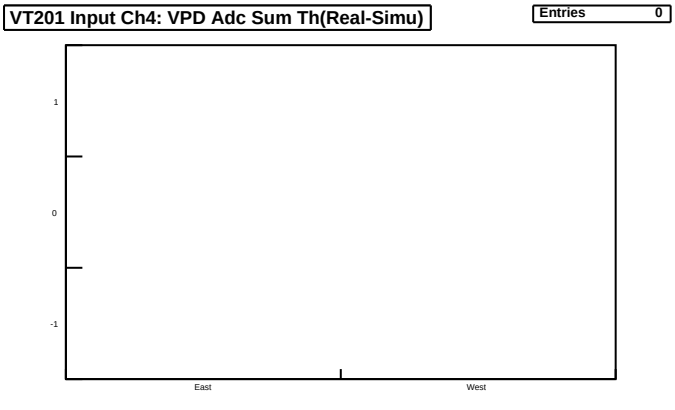

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3263360
11341
2804
19
19
10816
4258
63
53
396579
405116
407901
407901
397104
403662
407857
407867
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

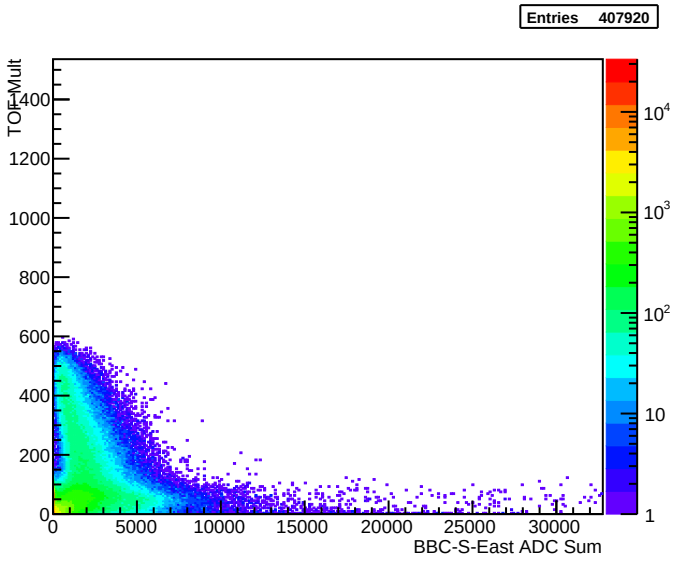

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

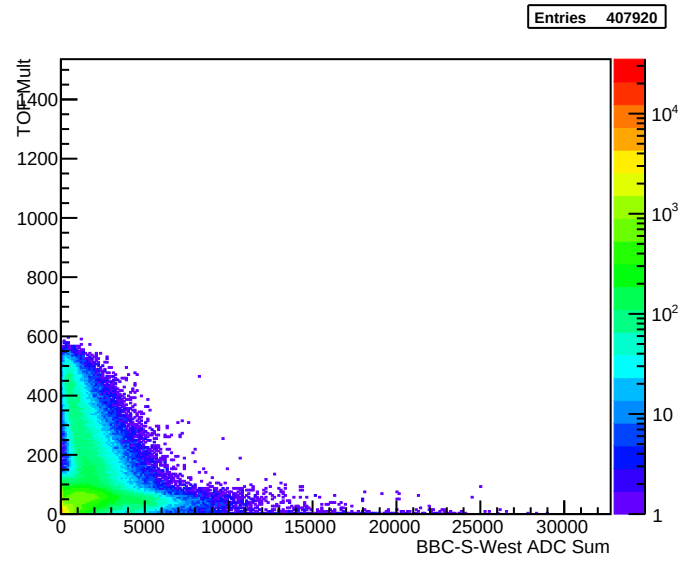

VT201 Input Ch4: VPD Tac Diff
Entries 407920
Tac

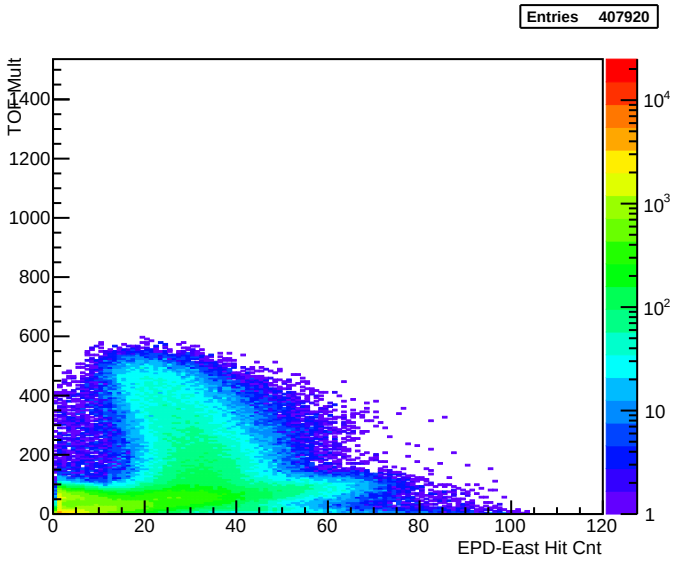

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

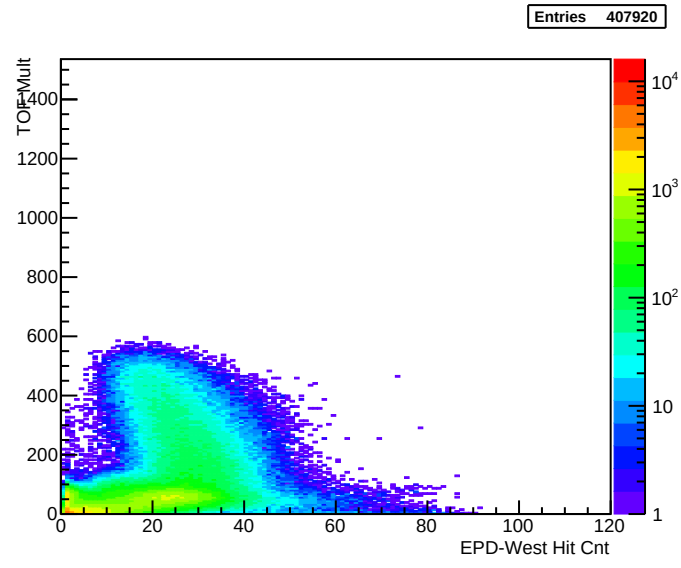

VT201 Input Ch4: VPD Adc Sum Th
Entries 815840
274562
308601
133358
99319
East
West

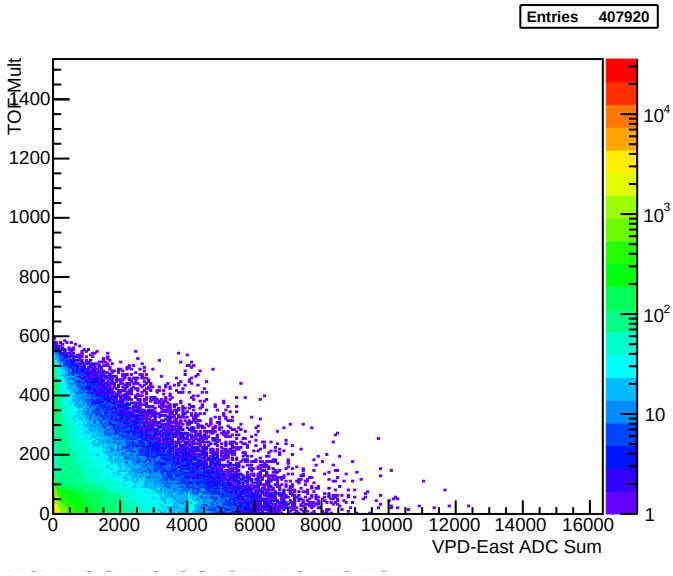

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

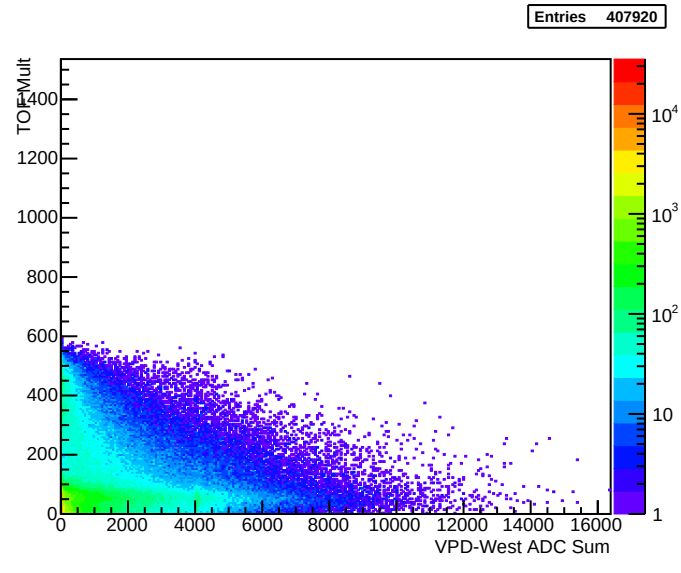

Entries 407920
TOF-Mult
BBC-S-East ADC Sum

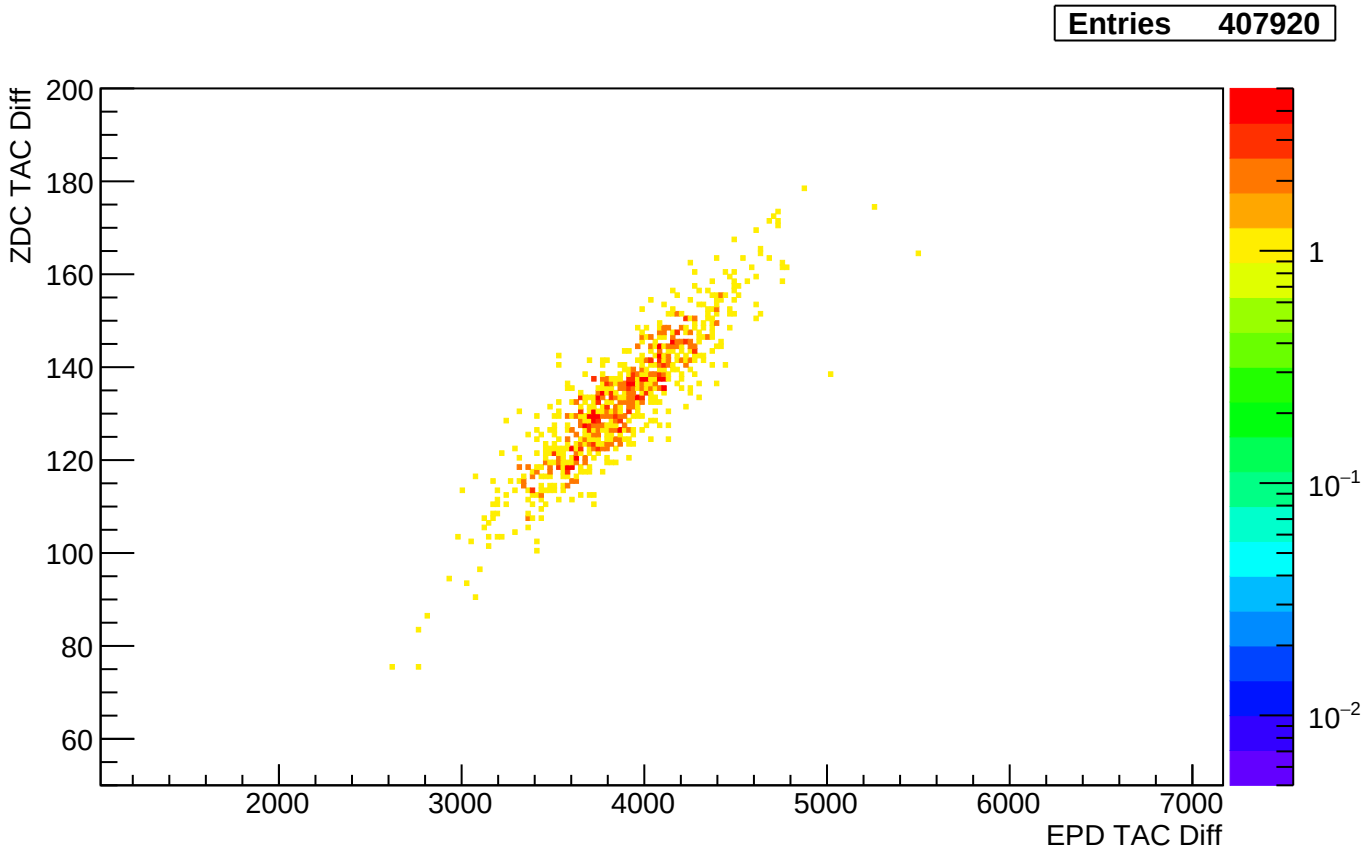

Entries 407920
TOF-Mult
BBC-S-West ADC Sum

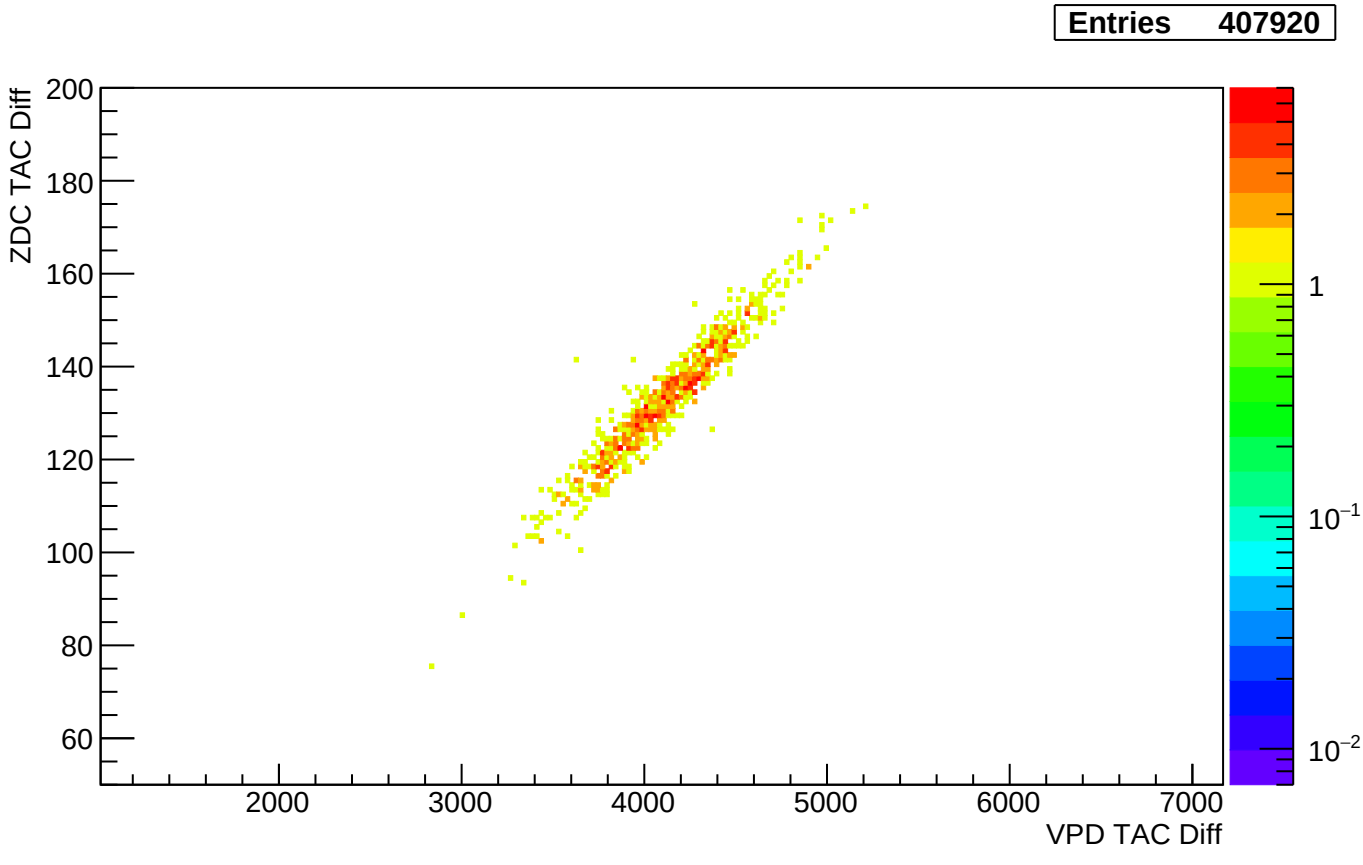

Entries 407920
TOF-Mult
EPD-East Hit Cnt

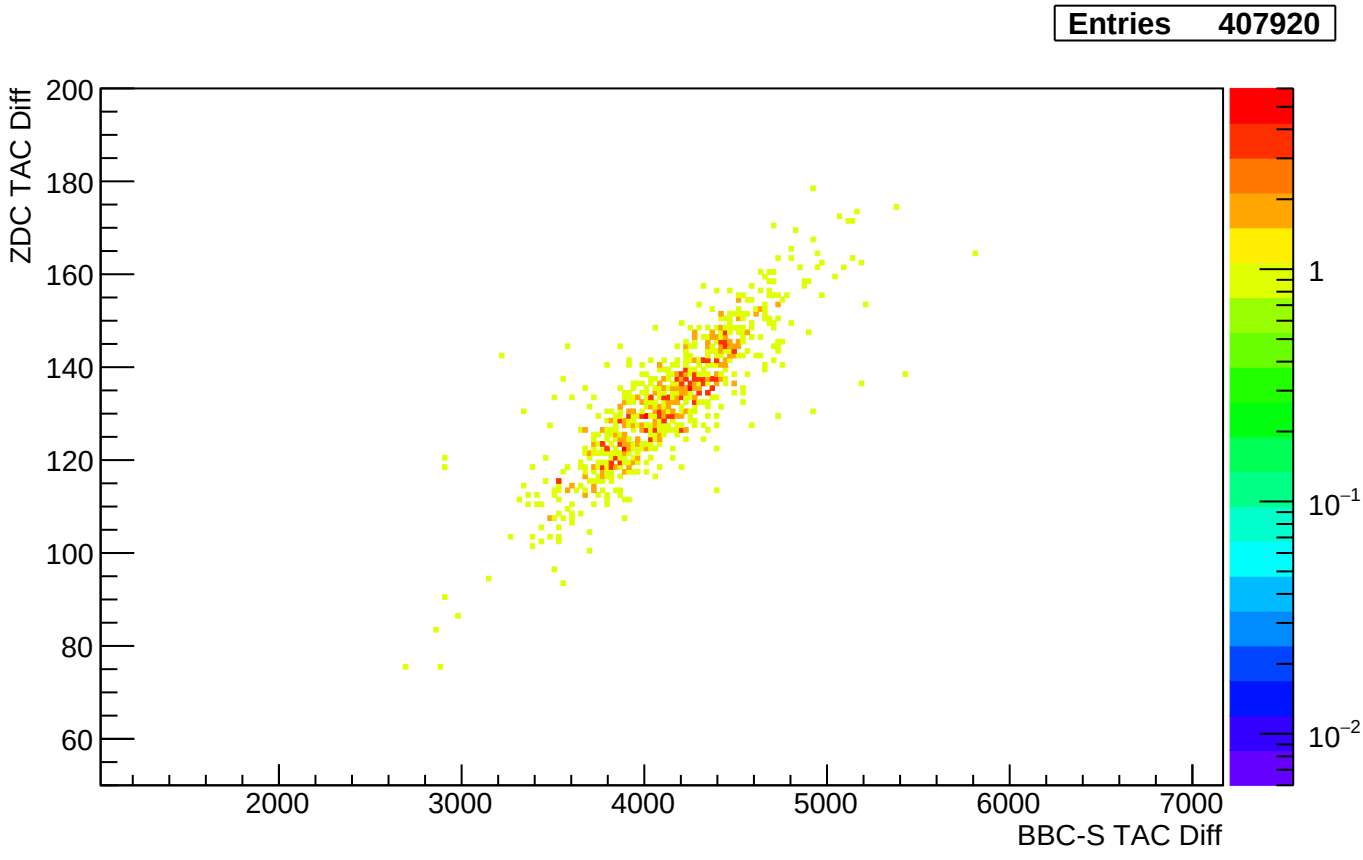

Entries 407920
TOF-Mult
EPD-West Hit Cnt

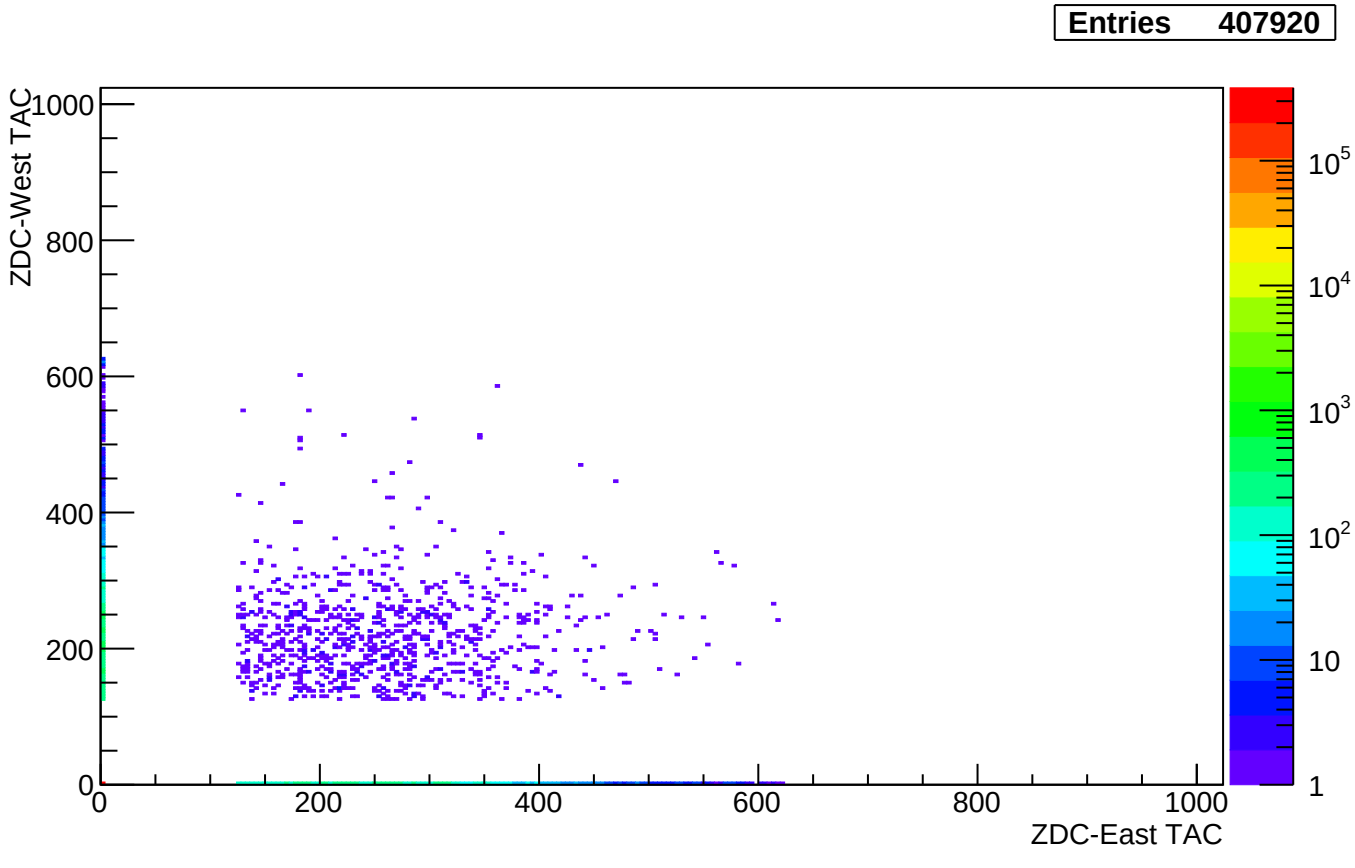

Entries 407920
TOF-Mult
VPD-East ADC Sum

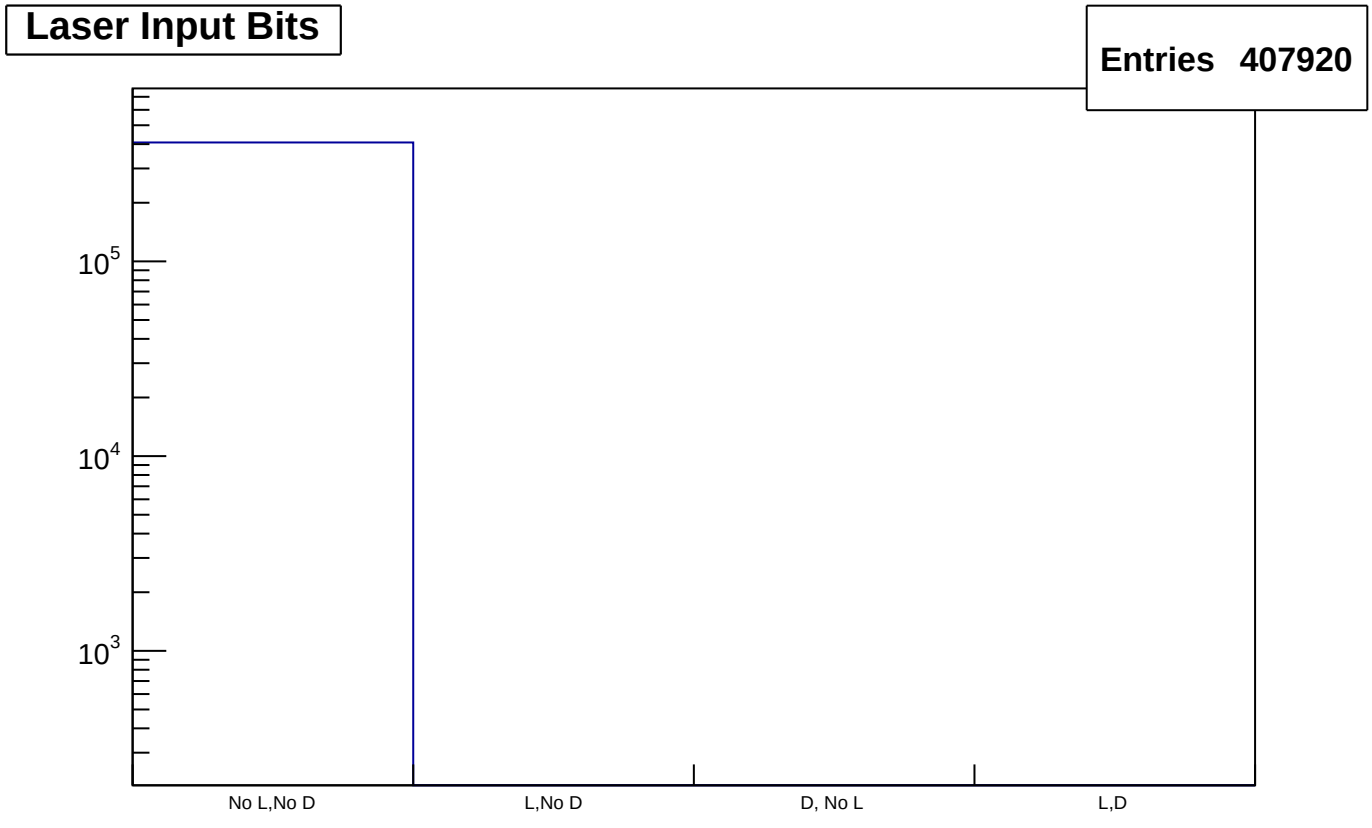

Entries 407920
TOF-Mult
VPD-West ADC Sum

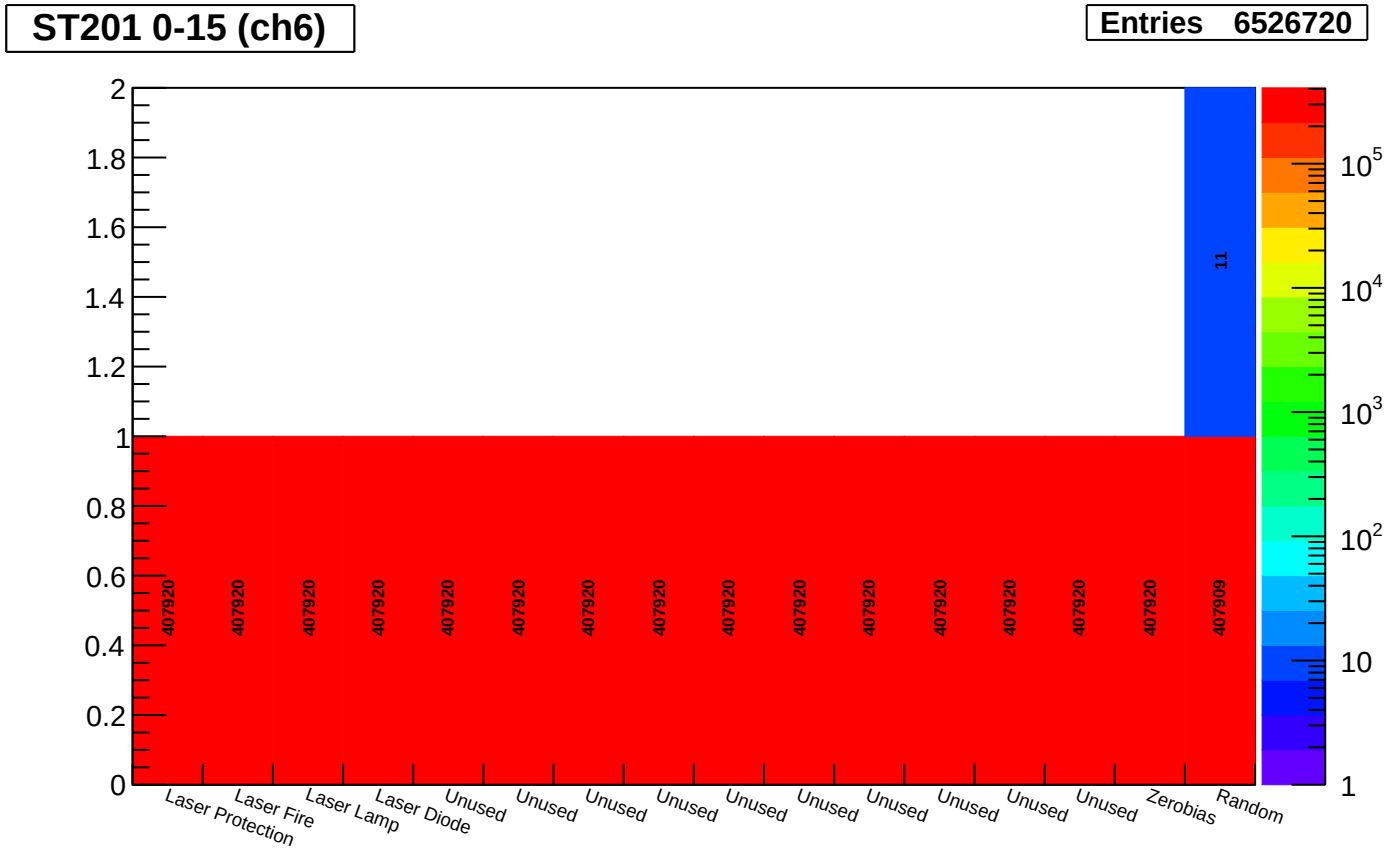

Entries 407920
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

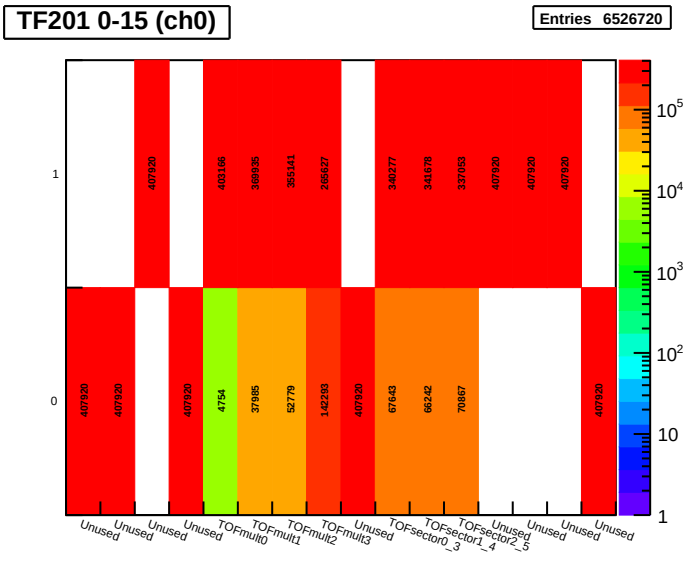

Entries 407920
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

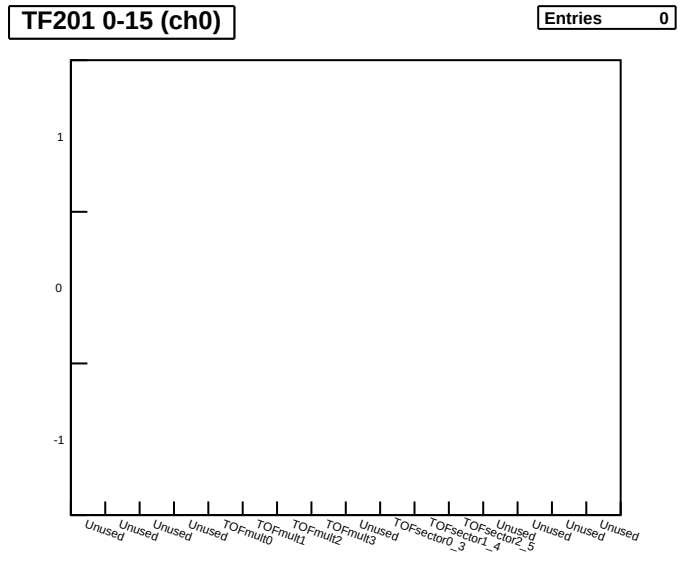

Entries 407920
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

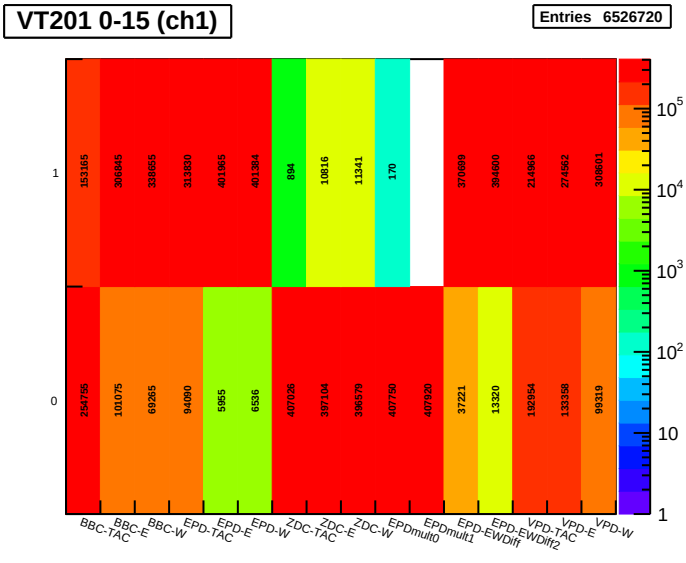

Entries 407920
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

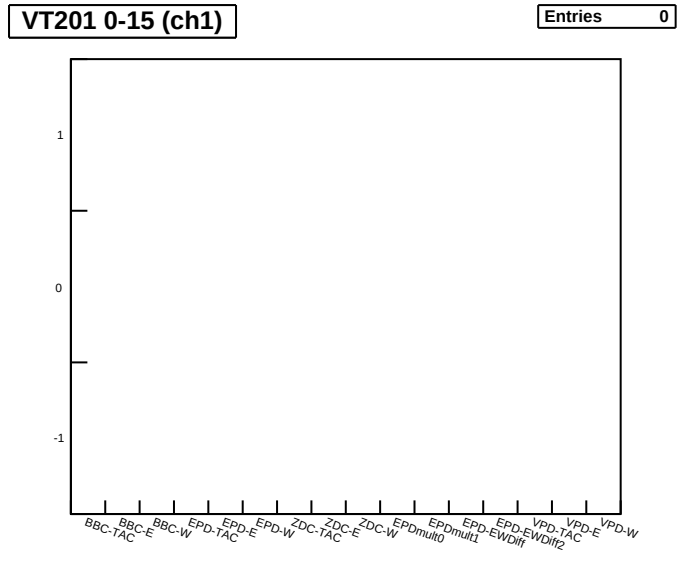

Laser Input Bits
Entries 407920
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

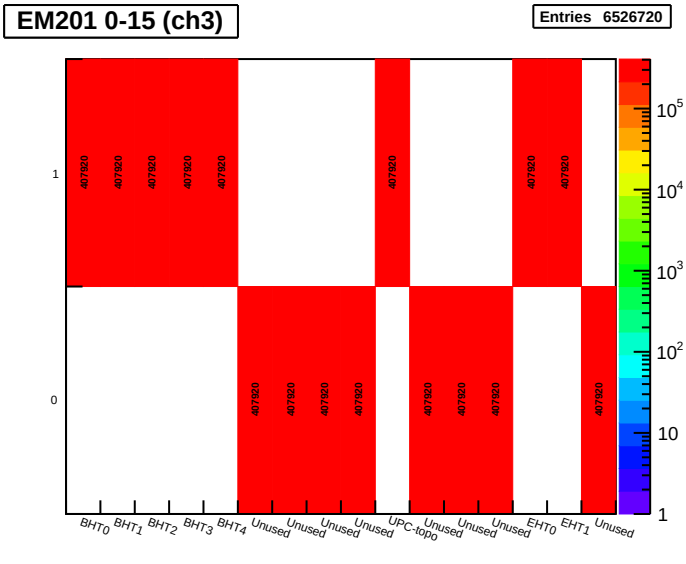

ST201 0-15 (ch6)
Entries 6526720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
407920
407909
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

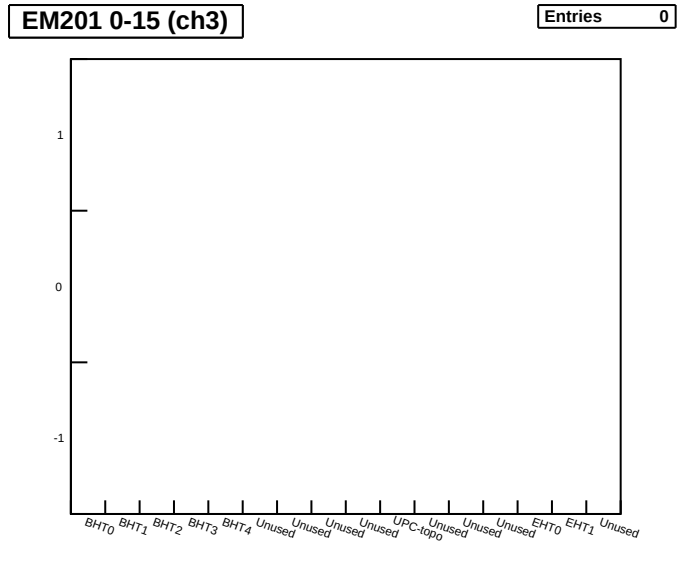

TF201 0-15 (ch0)
Entries 6526720
1
0
407920
403166
369935
355141
265627
340277
341678
337053
407920
407920
407920
407920
407920
407920
4754
37985
52779
142293
407920
67643
66242
70867
407920
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6526720
1
0
153165
306845
338655
313830
401965
401384
894
10816
11341
170
370699
394600
214966
274562
308601
254755
101075
69265
94090
5955
6536
407026
397104
396579
407750
407920
37221
13320
192954
133358
99319
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 6526720
1
0
407920
407920
407920
407920
407920
407920
407920
407920
407920
407920
407920
407920
407920
407920
407920
407920
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