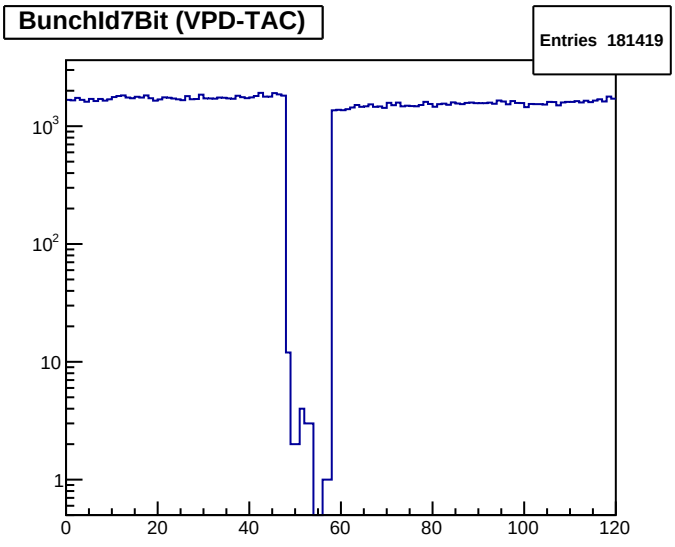
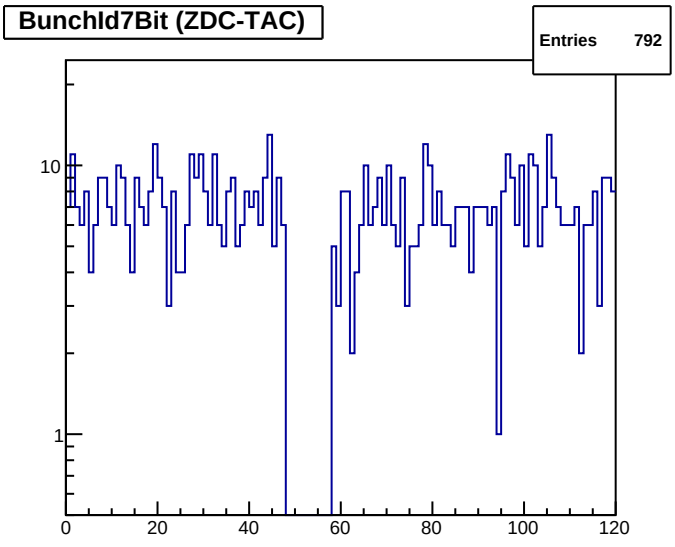
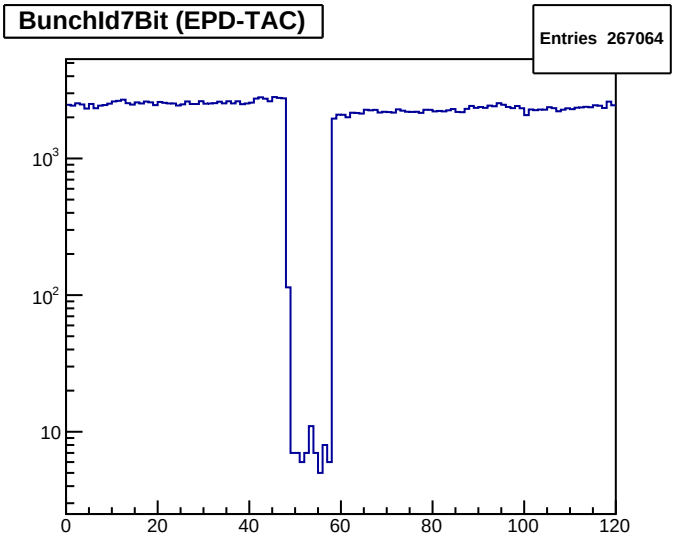
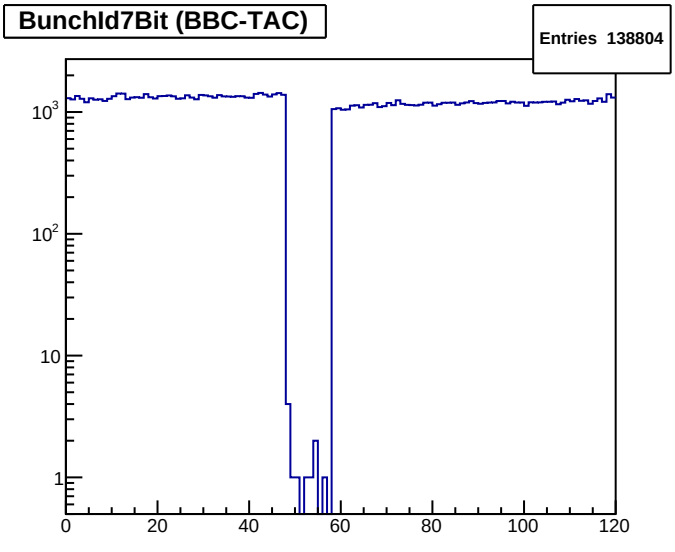
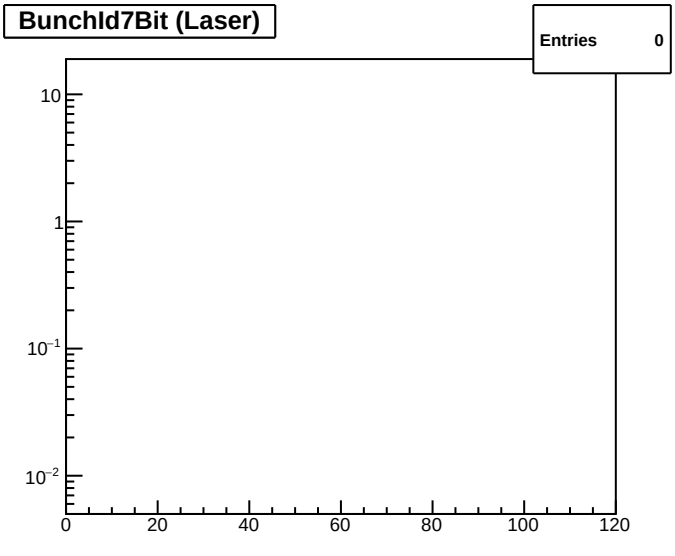
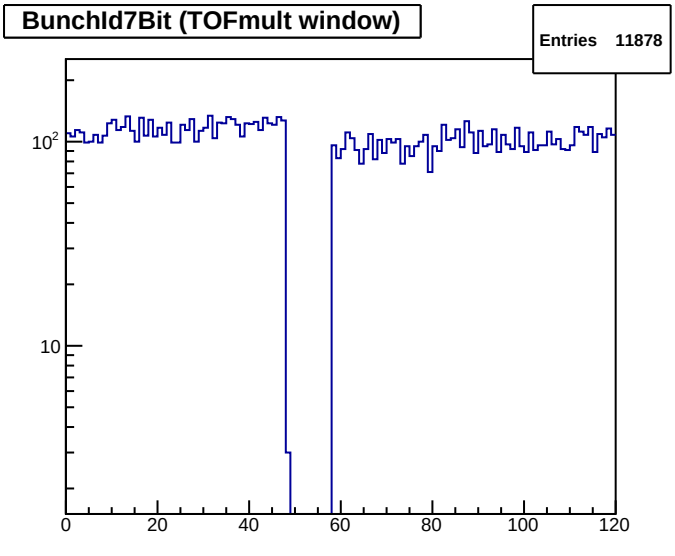

BunchId7Bit (VPD-TAC)
Entries 181419

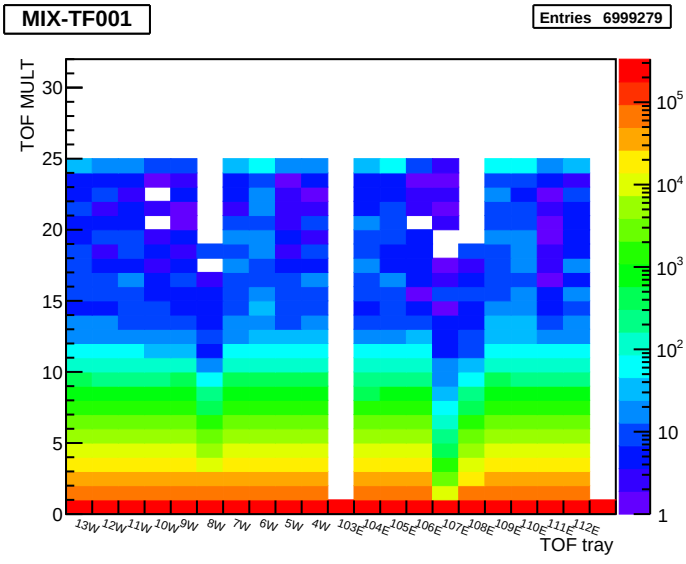

BunchId7Bit (ZDC-TAC)
Entries 792

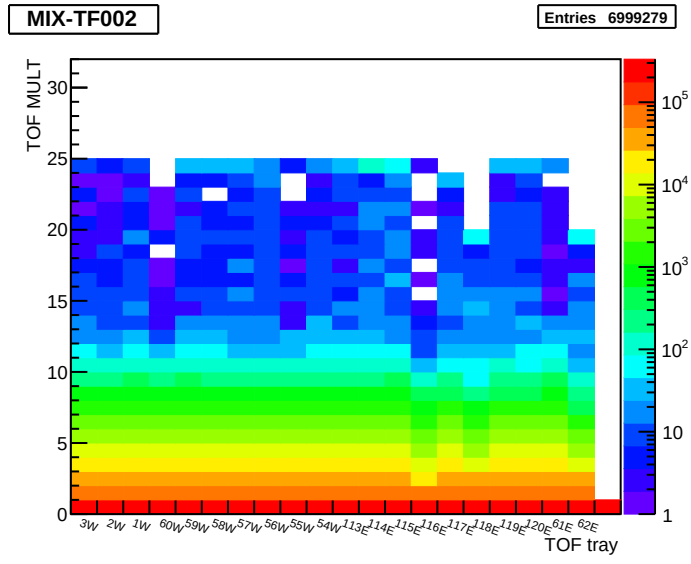

BunchId7Bit (EPD-TAC)
Entries 267064

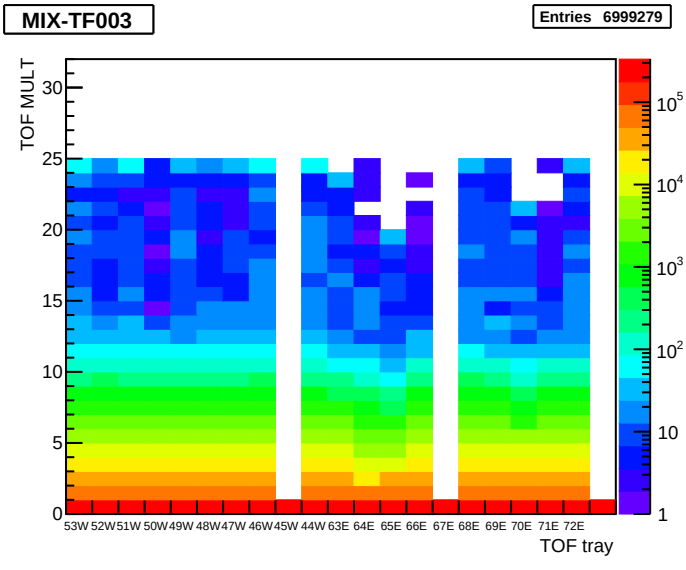

BunchId7Bit (BBC-TAC)
Entries 138804

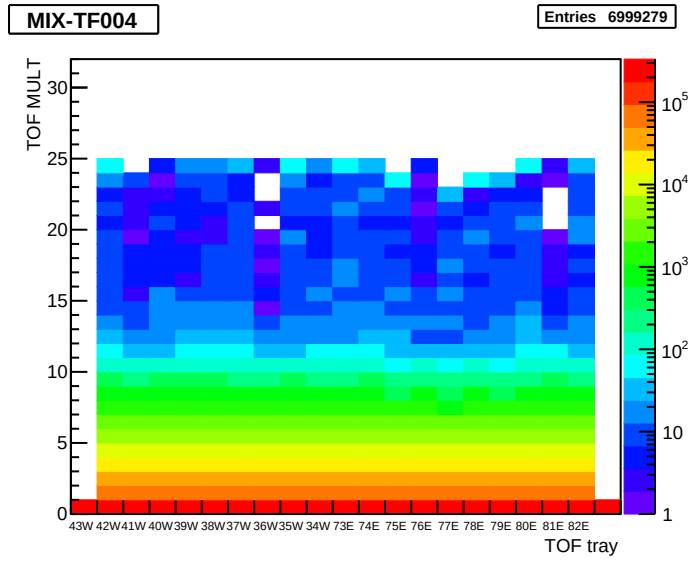

BunchId7Bit (Laser)
Entries 0

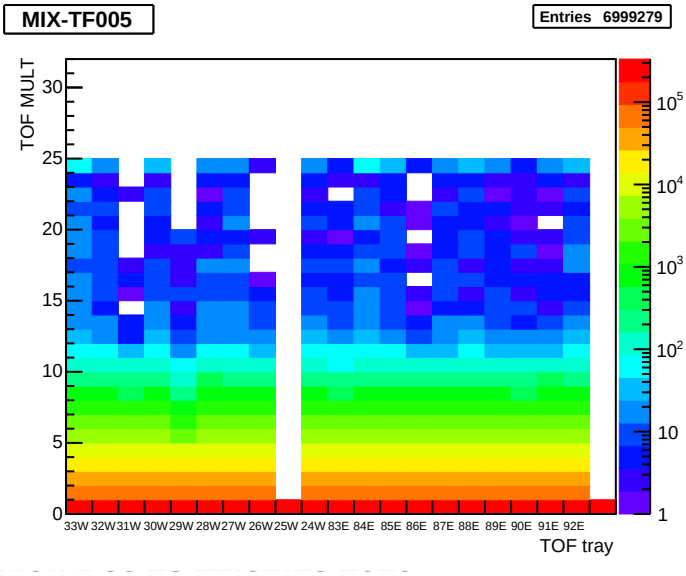

BunchId7Bit (TOFmult window)
Entries 11878

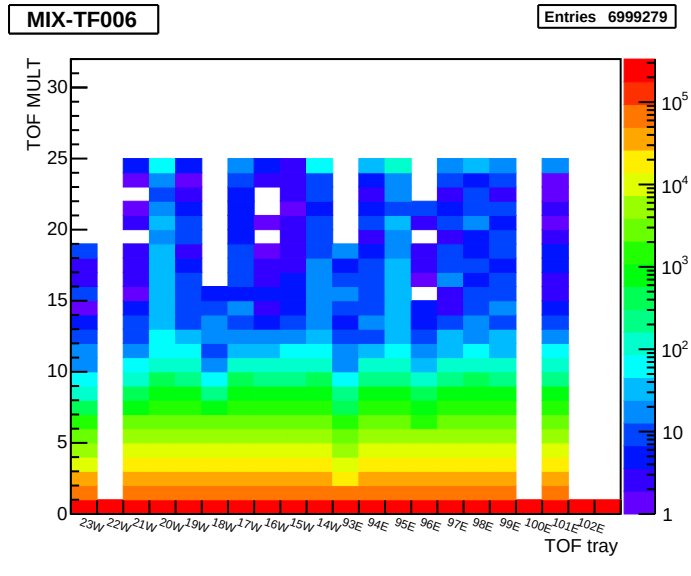

MIX-TF001
Entries 6999279
TOF MULT
TOF tray

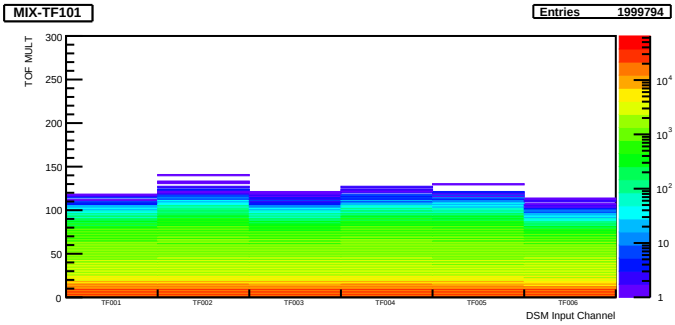

MIX-TF002
Entries 6999279
TOF MULT
TOF tray

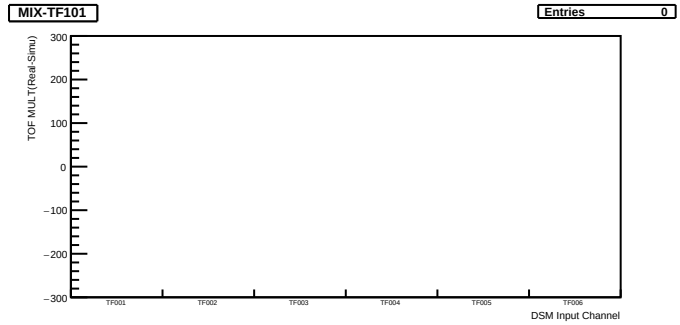

MIX-TF003
Entries 6999279
TOF MULT
TOF tray

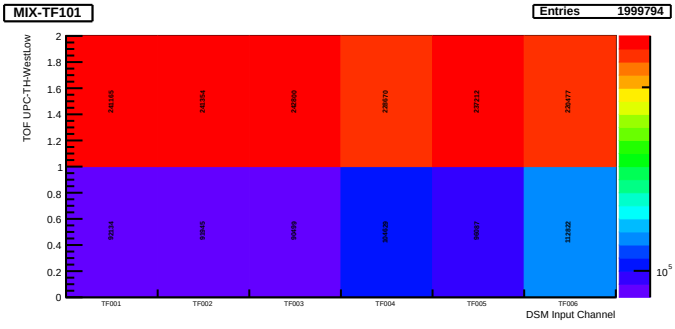

MIX-TF004
Entries 6999279
TOF MULT
TOF tray

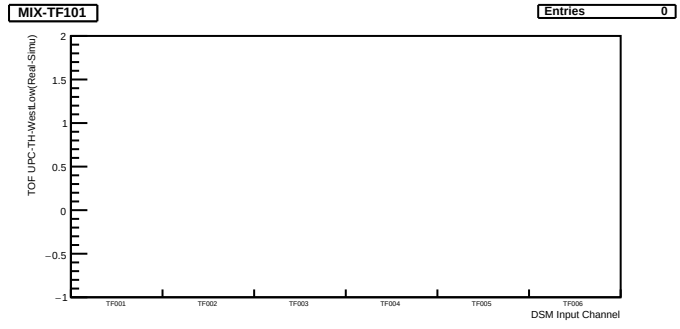

MIX-TF005
Entries 6999279
TOF MULT
TOF tray

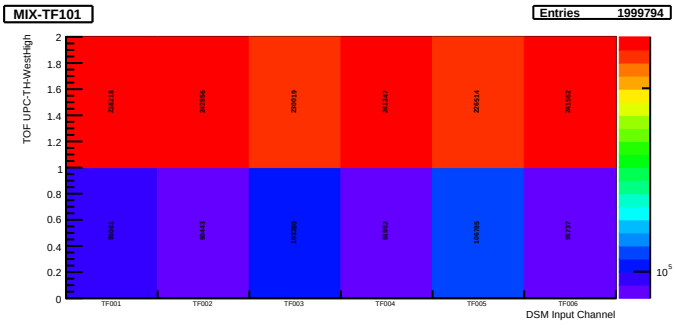

MIX-TF006
Entries 6999279
TOF MULT
TOF tray

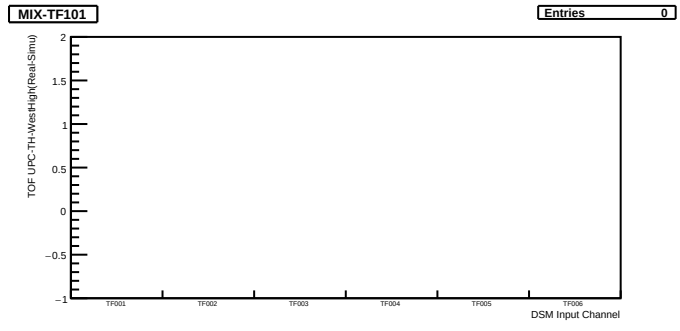

MIX-TF101
Entries 1999794
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

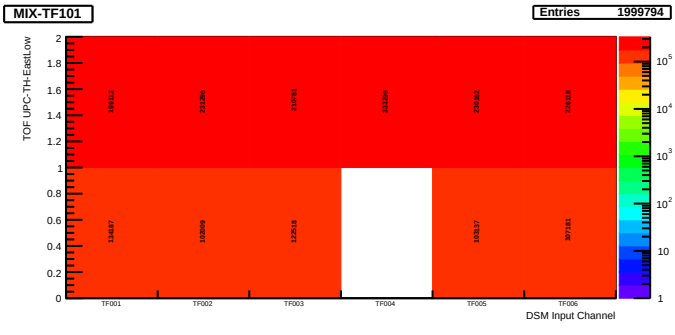

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

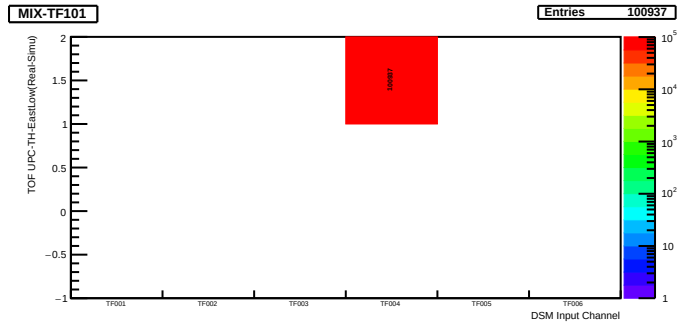

MIX-TF101
Entries 1999794
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

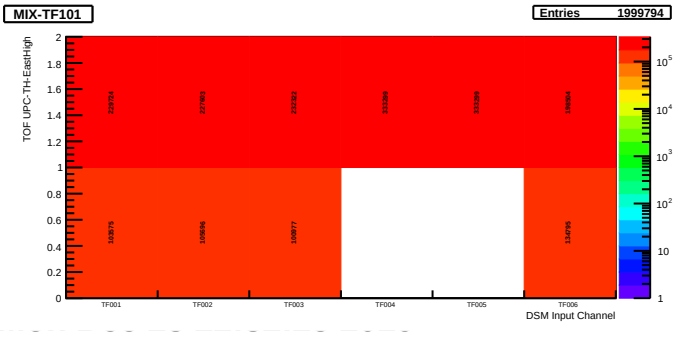

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

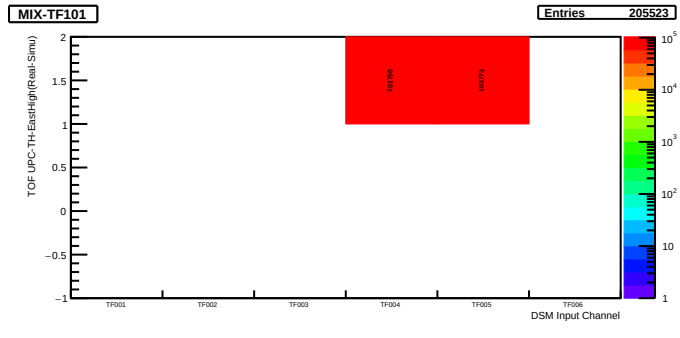

MIX-TF101
Entries 1999794
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

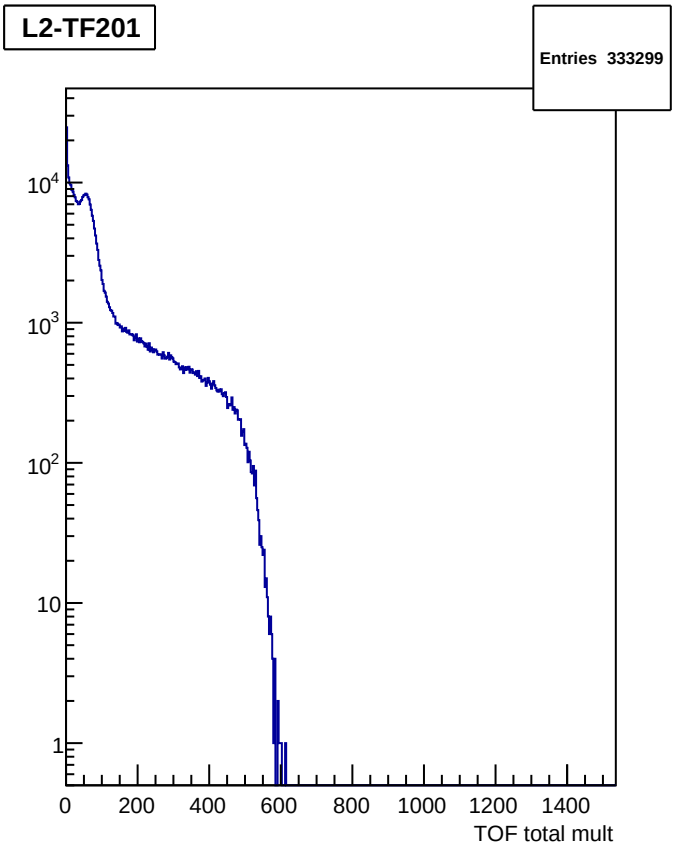

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

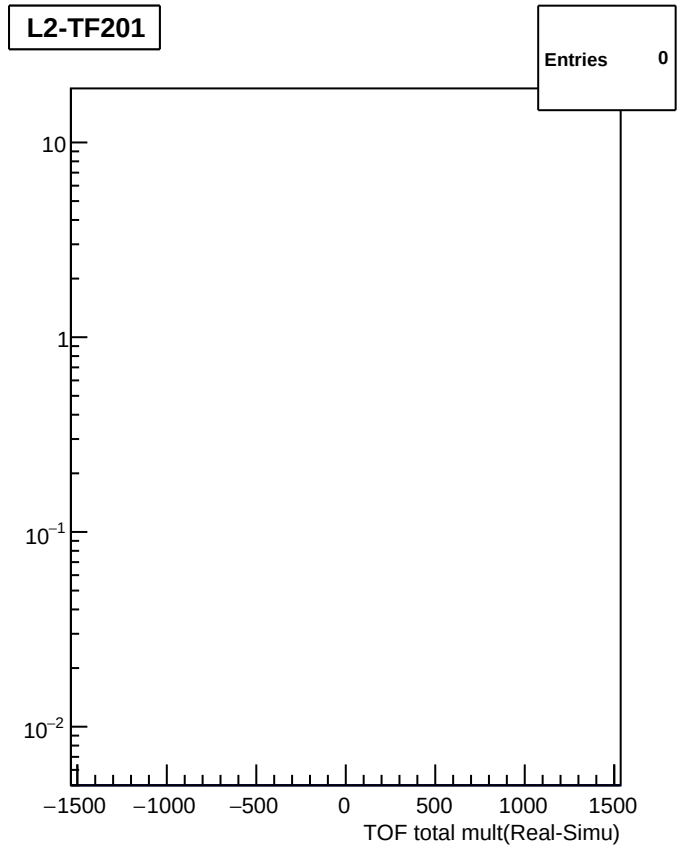

MIX-TF101
Entries 1999794
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

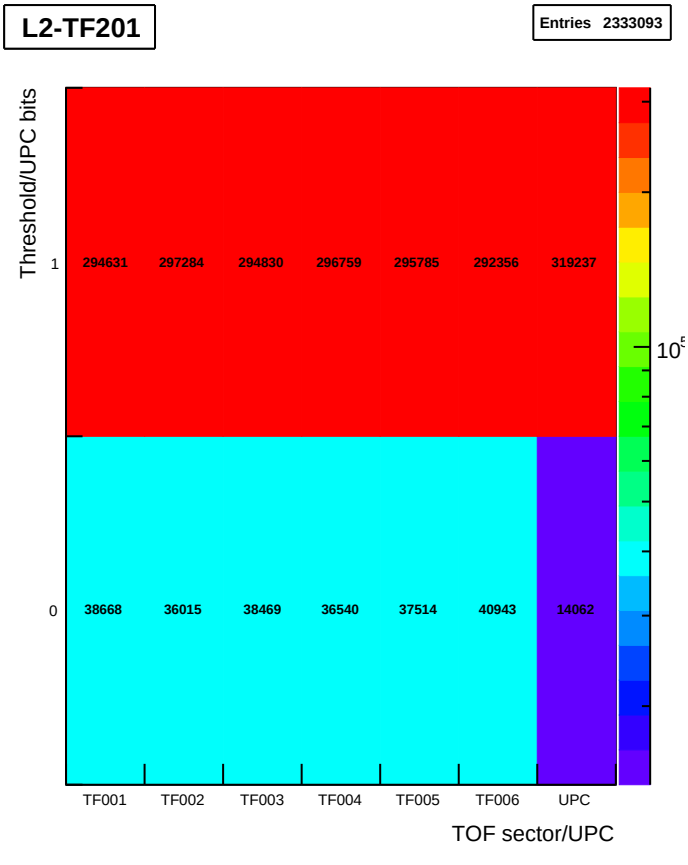

MIX-TF101
Entries 100937
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

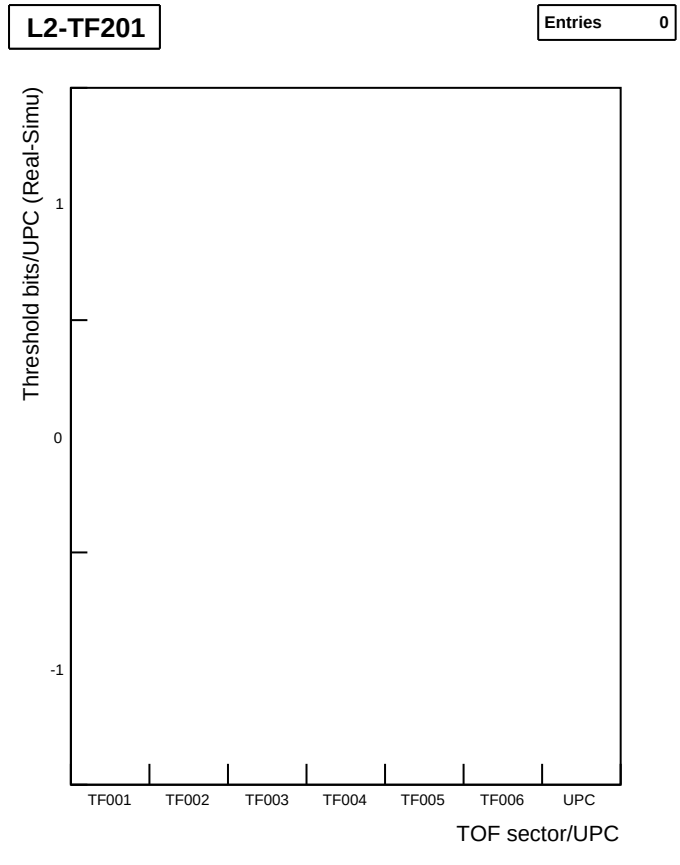

MIX-TF101
Entries 1999794
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

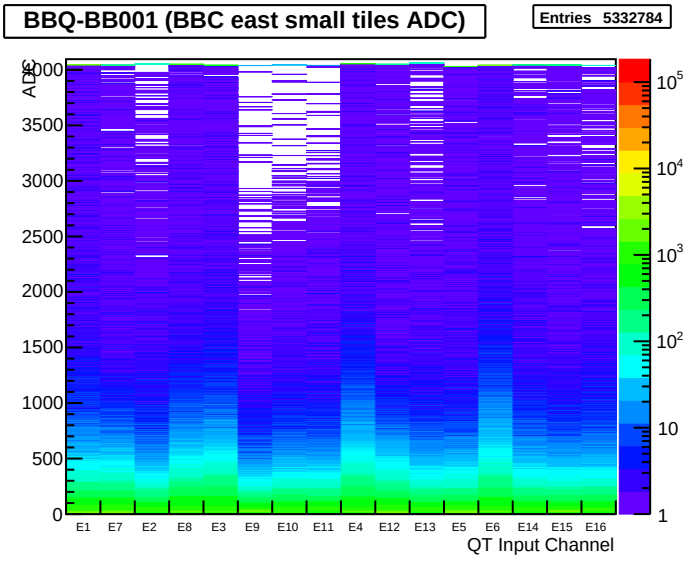

MIX-TF101
Entries 205523
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

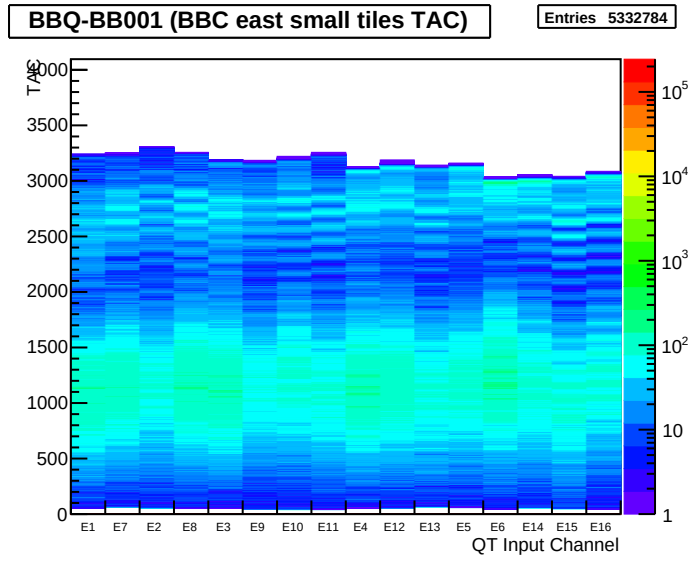

L2-TF201
Entries 333299
TOF total mult

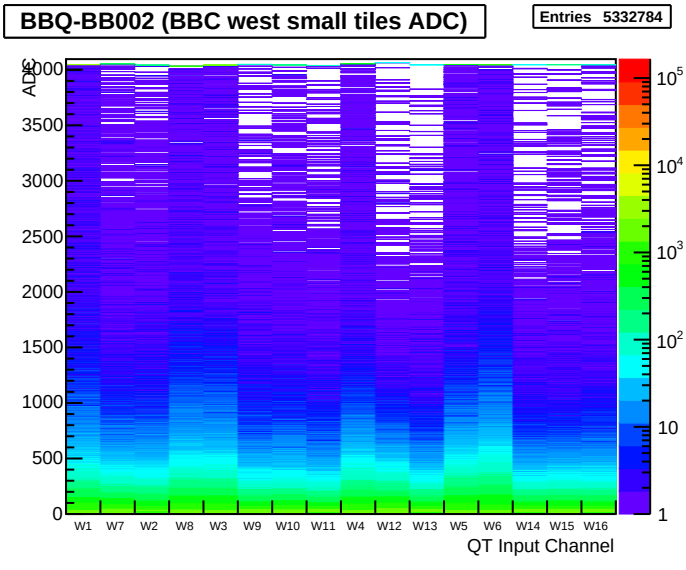

L2-TF201
Entries 0
TOF total mult(Real-Simu)

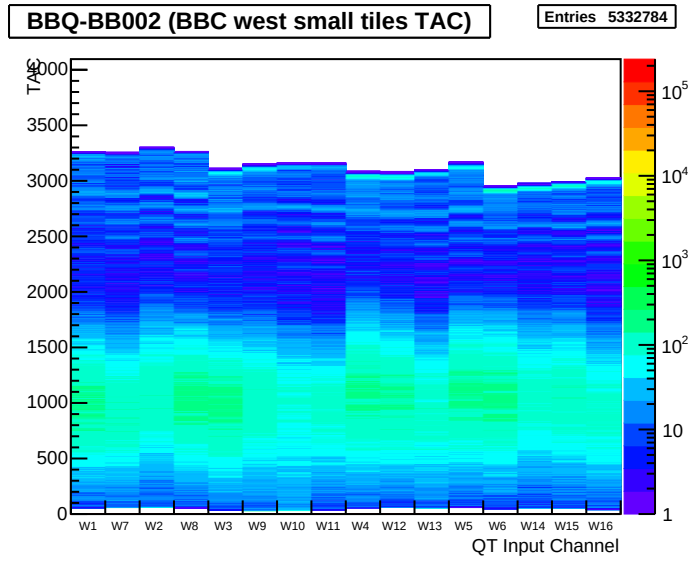

L2-TF201
Entries 2333093
Threshold/UPC bits
294631 297284 294830 296759 295785 292356 319237
38668 36015 38469 36540 37514 40943 14062
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

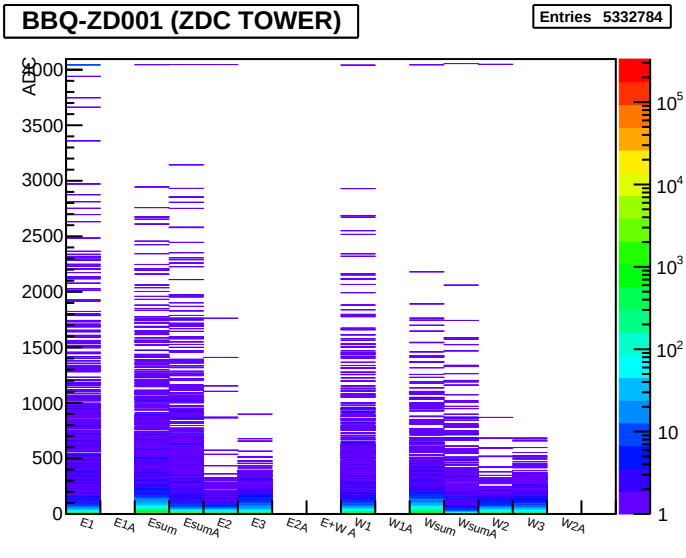

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

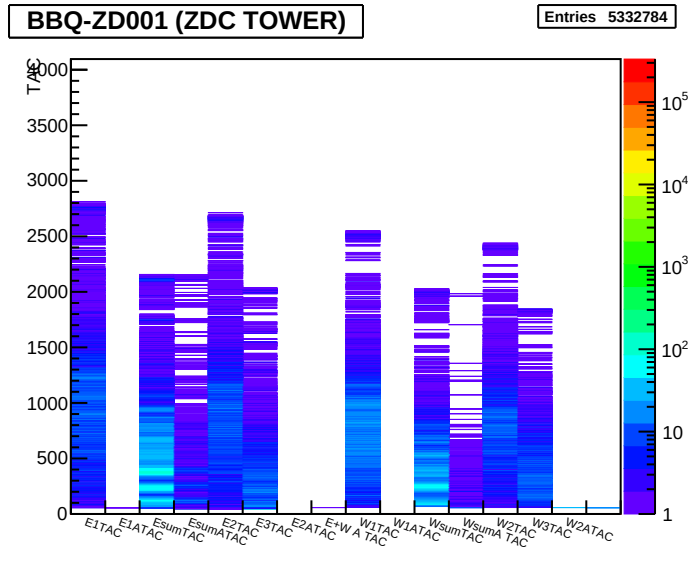

BBQ-BB001 (BBC east small tiles ADC)
Entries 5332784
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

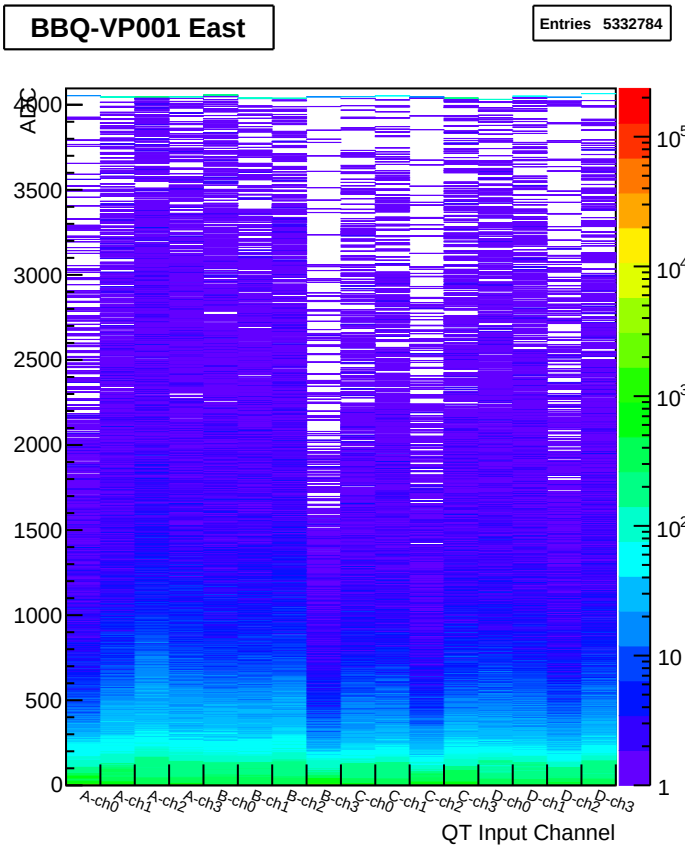

BBQ-BB001 (BBC east small tiles TAC)
Entries 5332784
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

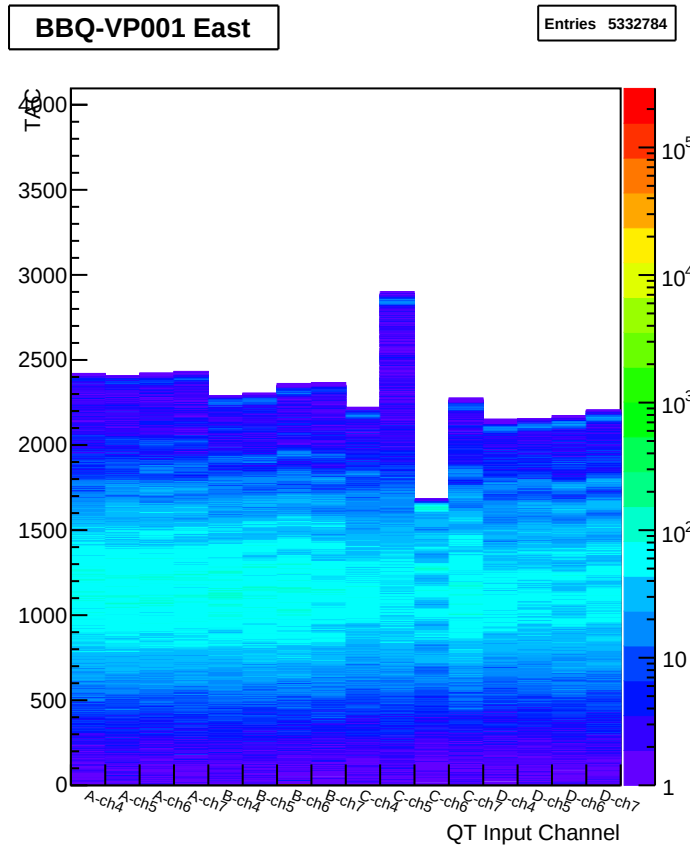

BBQ-BB002 (BBC west small tiles ADC)
Entries 5332784
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

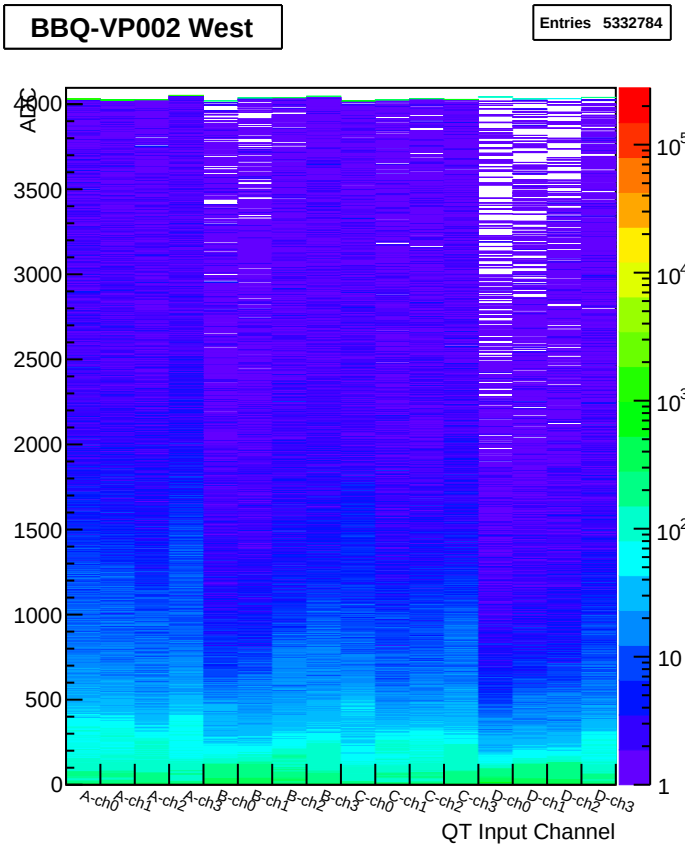

BBQ-BB002 (BBC west small tiles TAC)
Entries 5332784
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

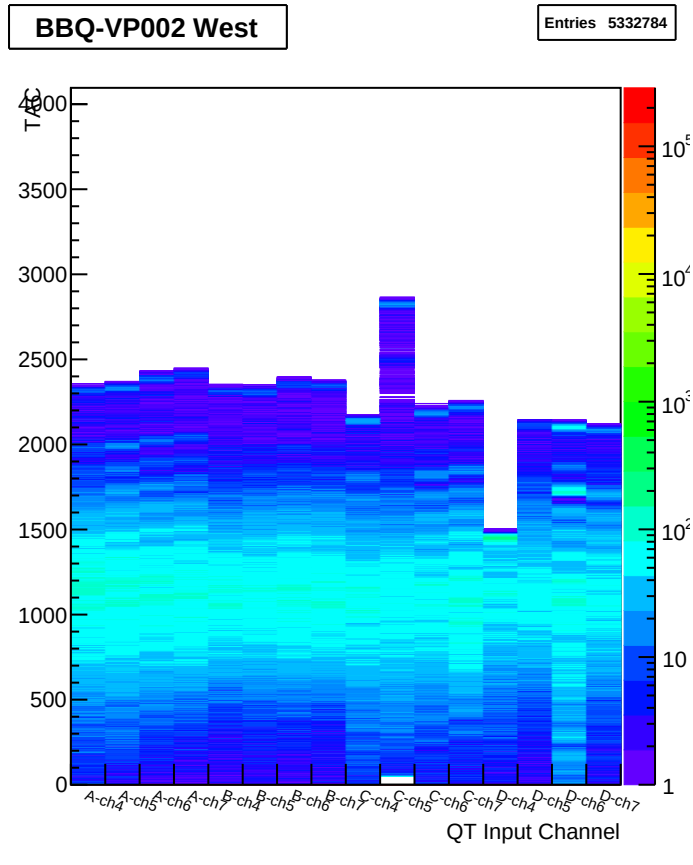

BBQ-ZD001 (ZDC TOWER)
Entries 5332784
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

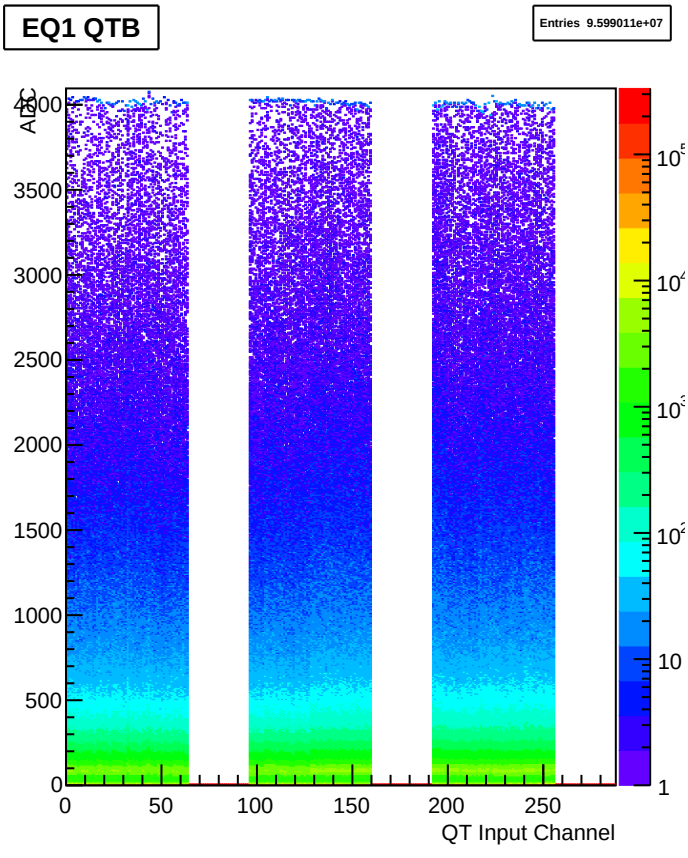

BBQ-ZD001 (ZDC TOWER)
Entries 5332784
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

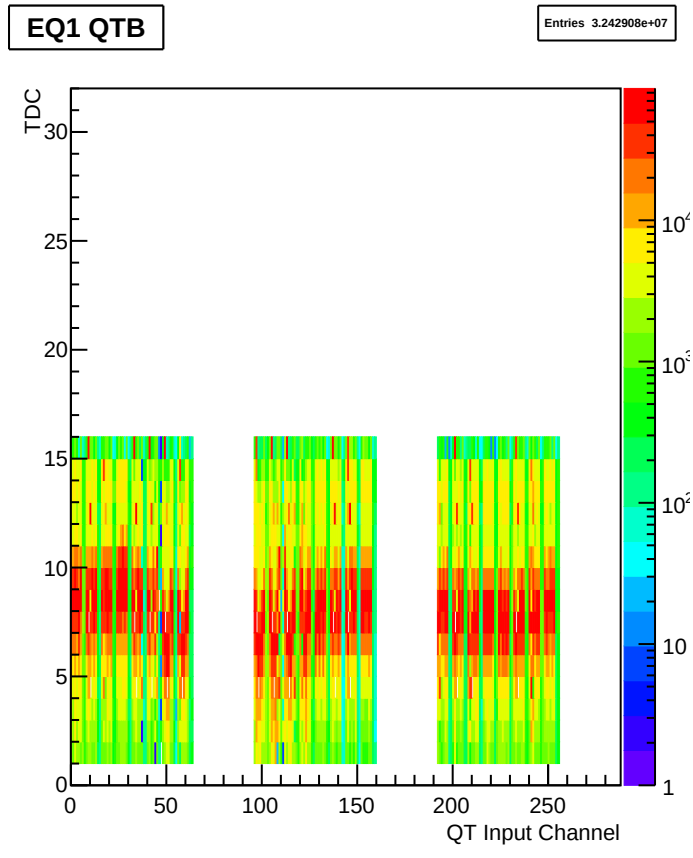

BBQ-VP001 East
Entries 5332784
ADC
QT Input Channel

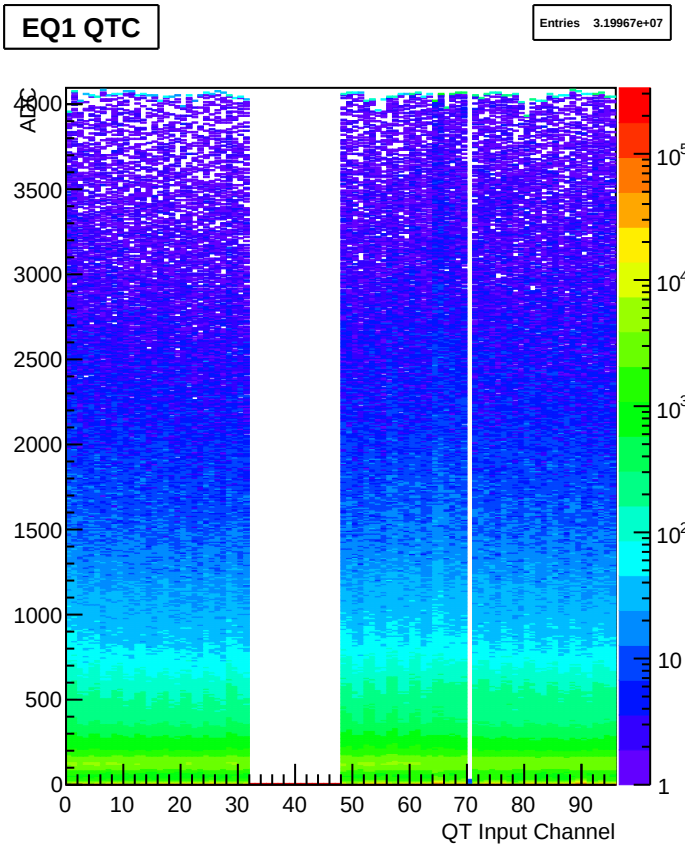

BBQ-VP001 East
Entries 5332784
TADC
QT Input Channel

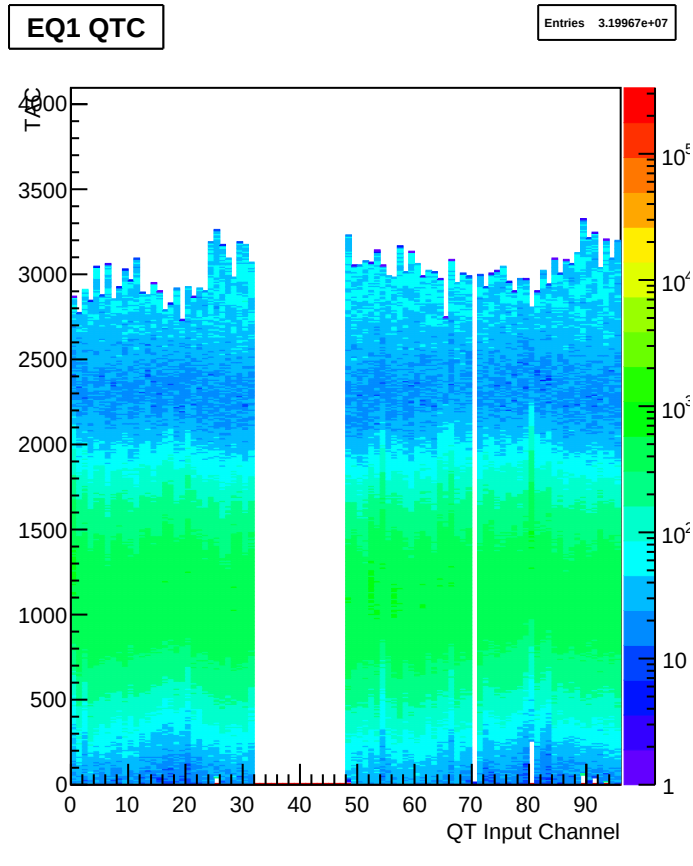

BBQ-VP002 West
Entries 5332784
ADC
QT Input Channel

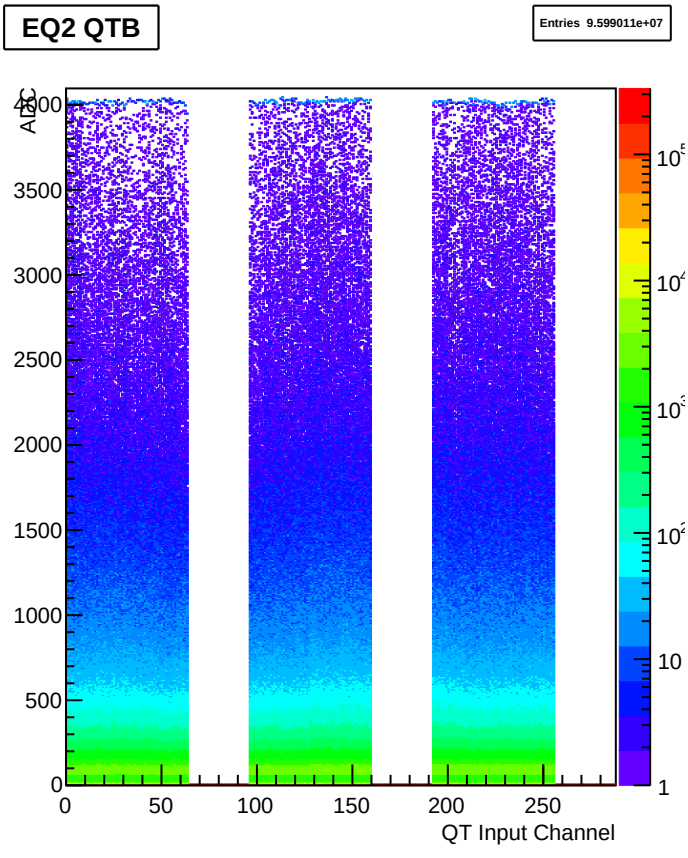

BBQ-VP002 West
Entries 5332784
TADC
QT Input Channel

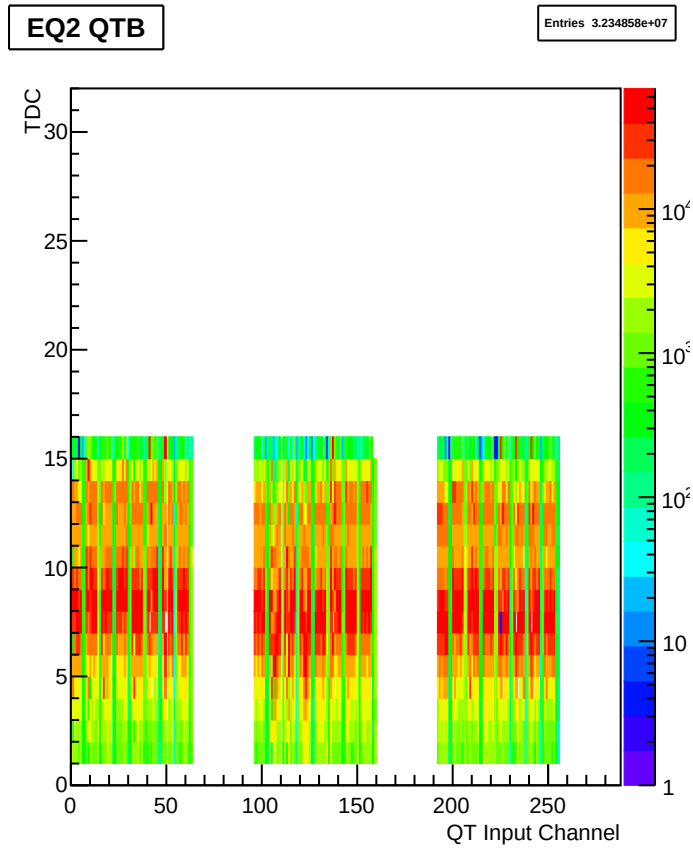

EQ1 QTB
Entries 9.599011e+07
ADC
QT Input Channel

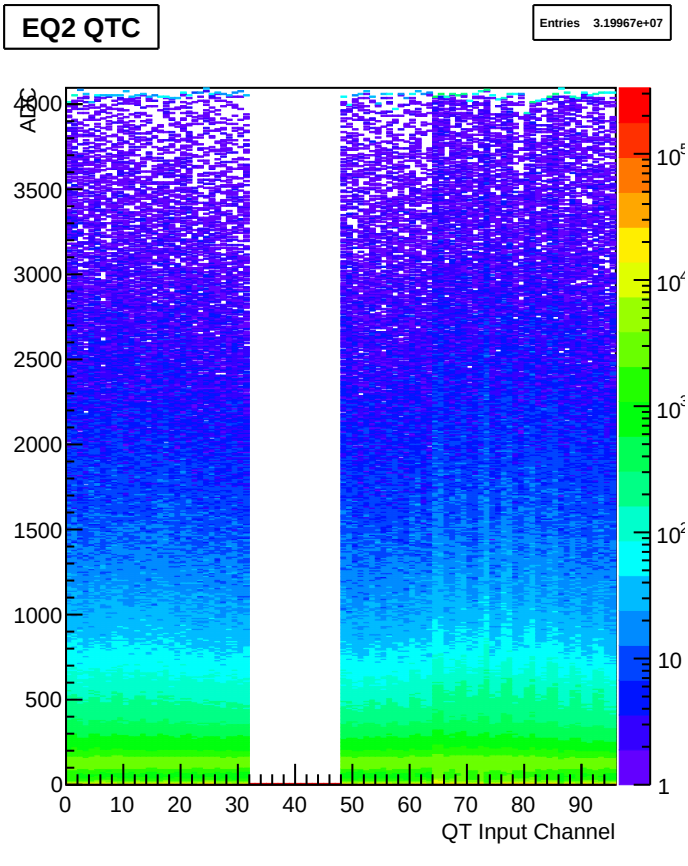

EQ1 QTB
Entries 3.242908e+07
TDC
QT Input Channel

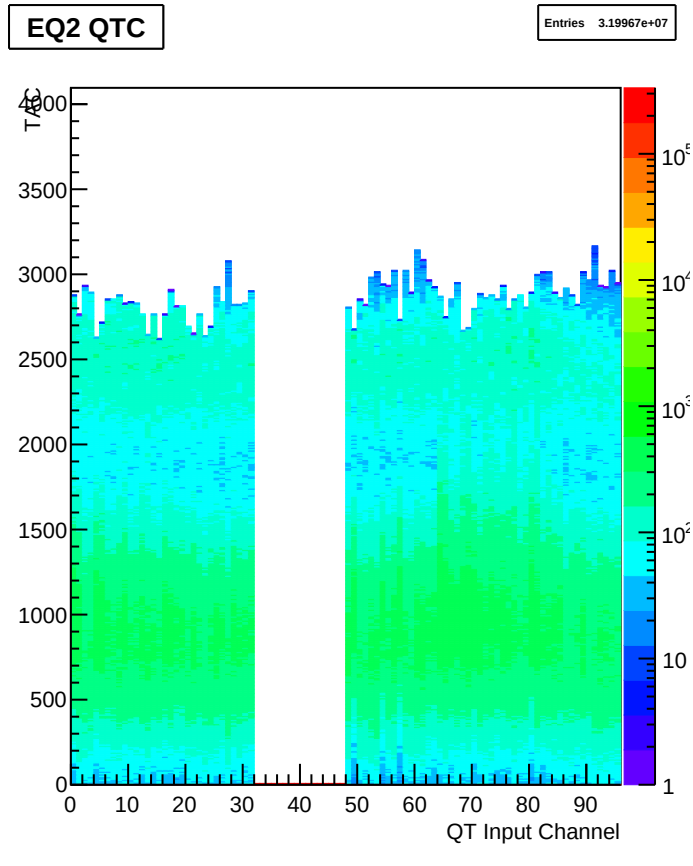

EQ1 QTC
Entries 3.19967e+07
ADC
QT Input Channel

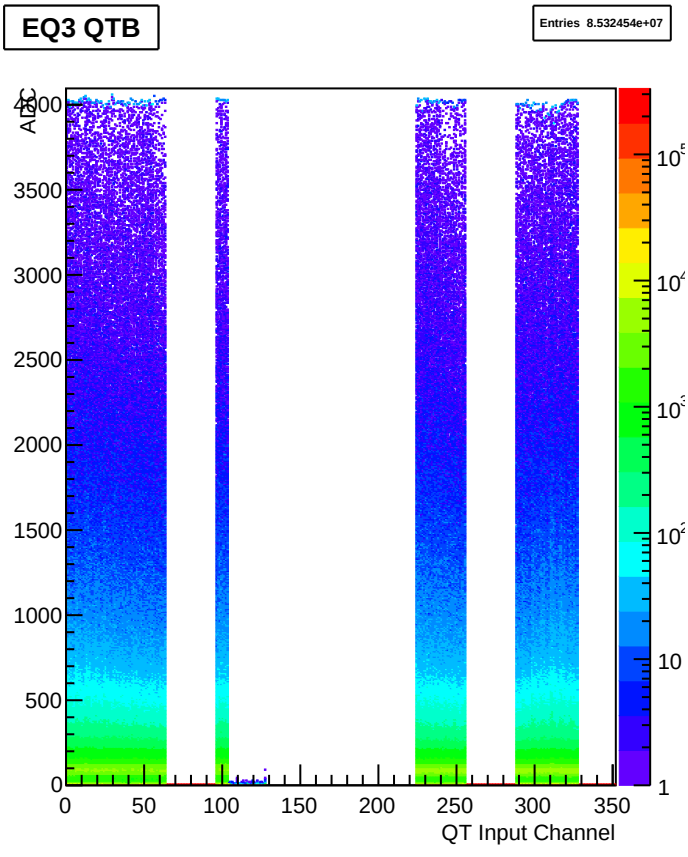

EQ1 QTC
Entries 3.19967e+07
TADC
QT Input Channel

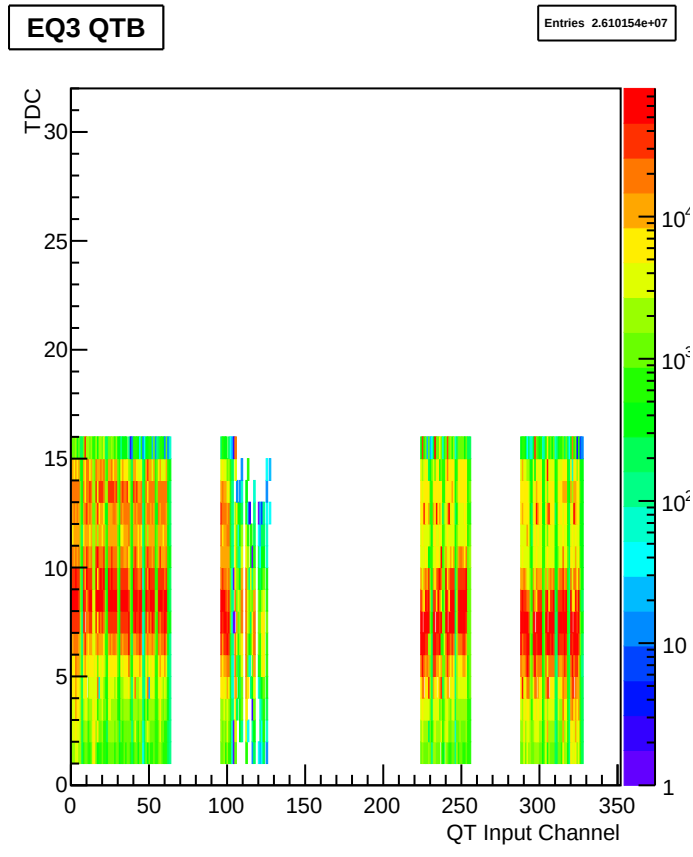

EQ2 QTB
Entries 9.599011e+07
ADC
QT Input Channel

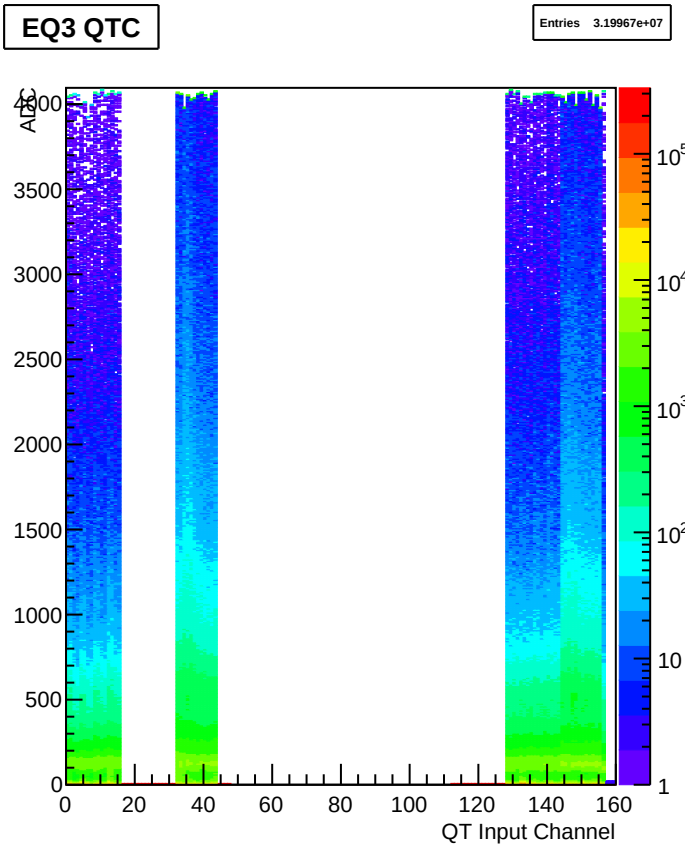

EQ2 QTB
Entries 3.234858e+07
TDC
QT Input Channel

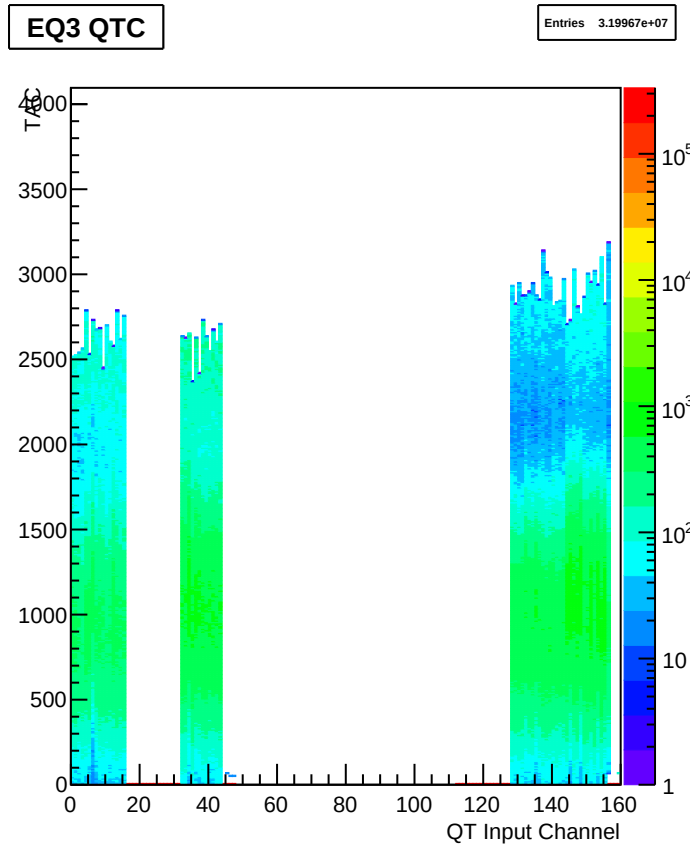

EQ2 QTC
Entries 3.19967e+07
ADC
QT Input Channel

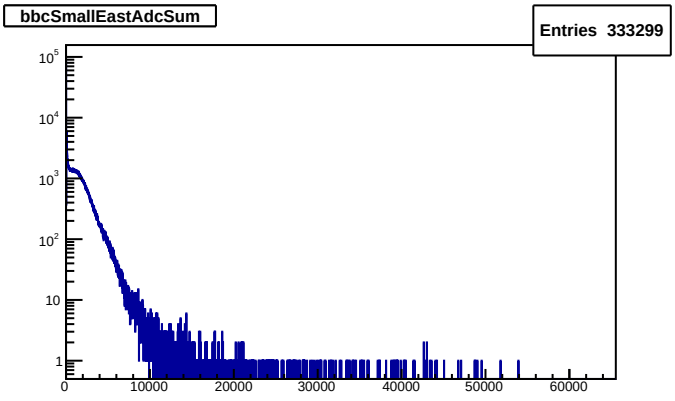

EQ2 QTC
Entries 3.19967e+07
TADC
QT Input Channel

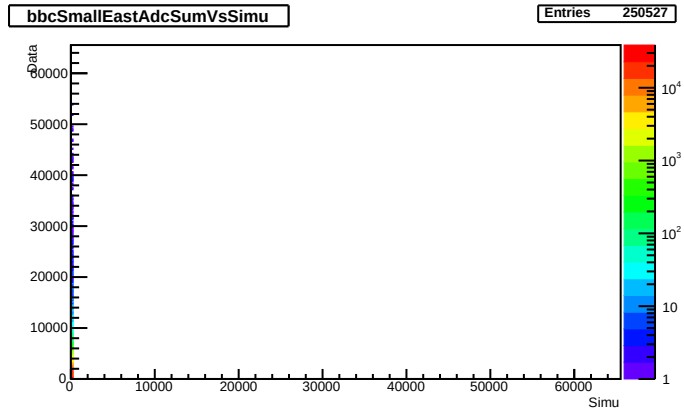

EQ3 QTB
Entries 8.532454e+07
ADC
QT Input Channel

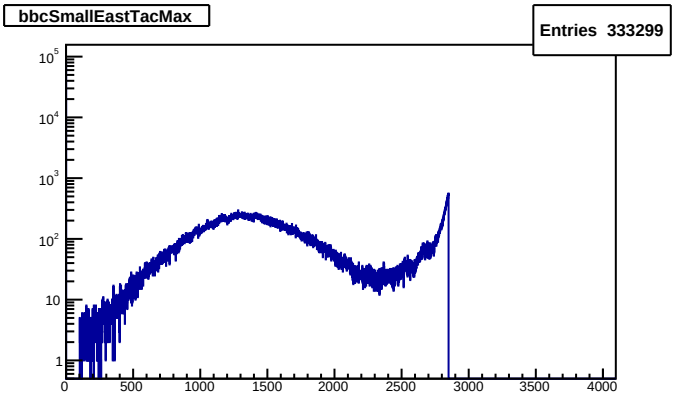

EQ3 QTB
Entries 2.610154e+07
TDC
QT Input Channel

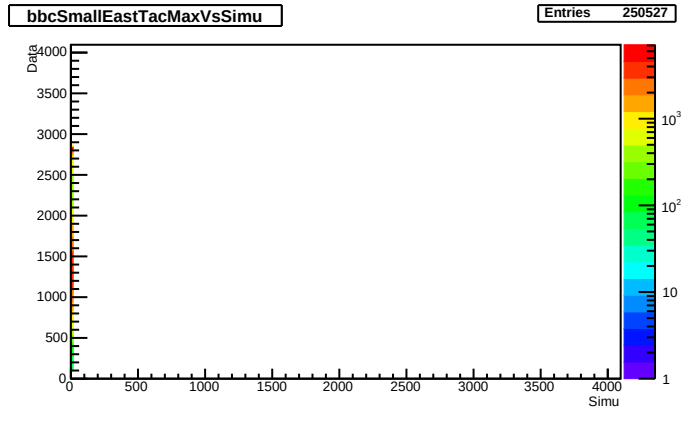

EQ3 QTC
Entries 3.19967e+07
ADC
QT Input Channel

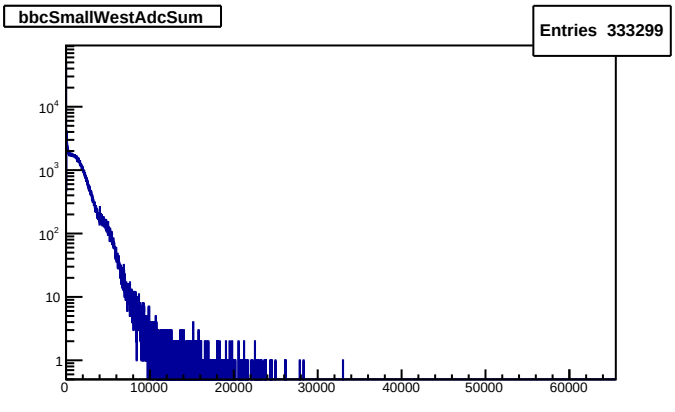

EQ3 QTC
Entries 3.19967e+07
TADC
QT Input Channel

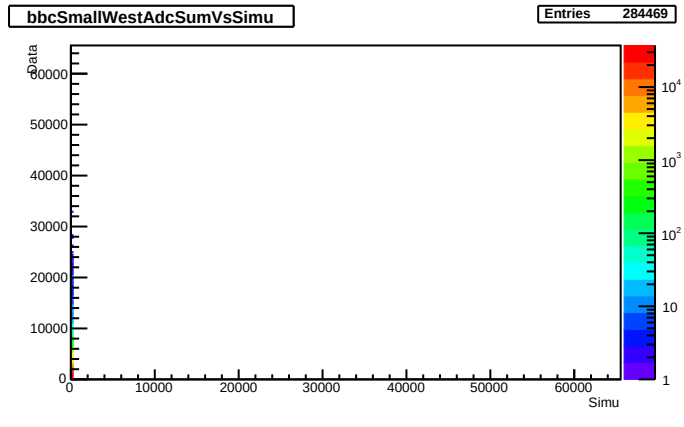

bbcSmallEastAdcSum
Entries 333299

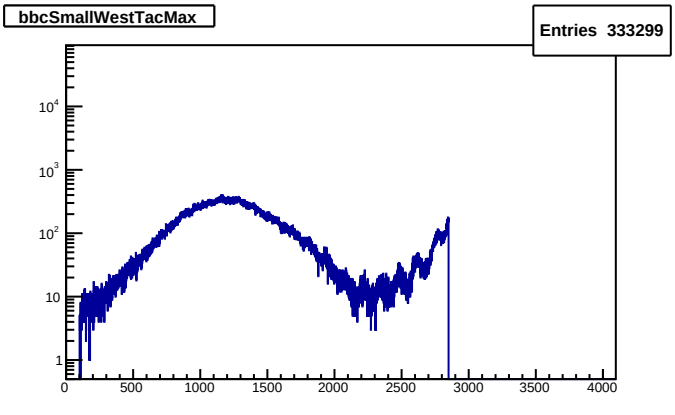

bbcSmallEastAdcSumVsSimu
Entries 250527
Data
Simu

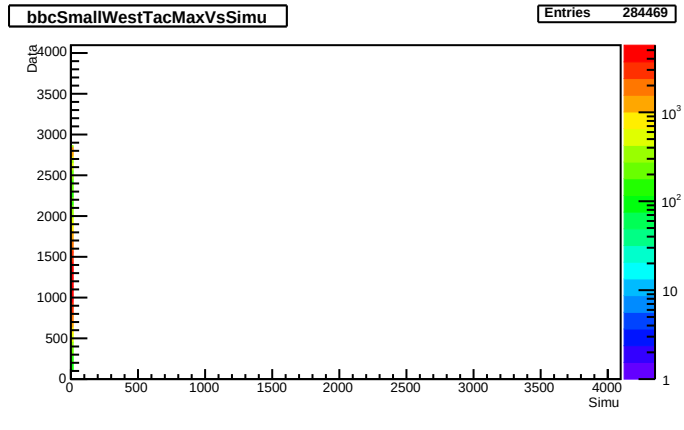

bbcSmallEastTacMax
Entries 333299

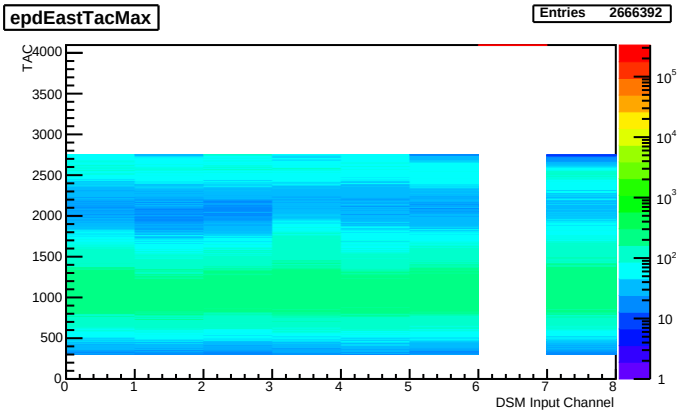

bbcSmallEastTacMaxVsSimu
Entries 250527
Data
Simu

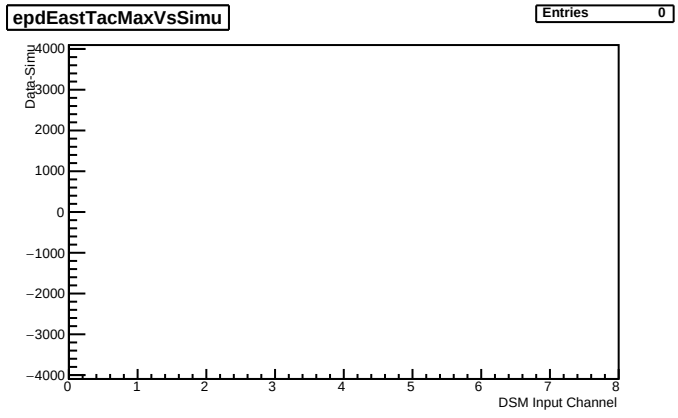

bbcSmallWestAdcSum
Entries 333299

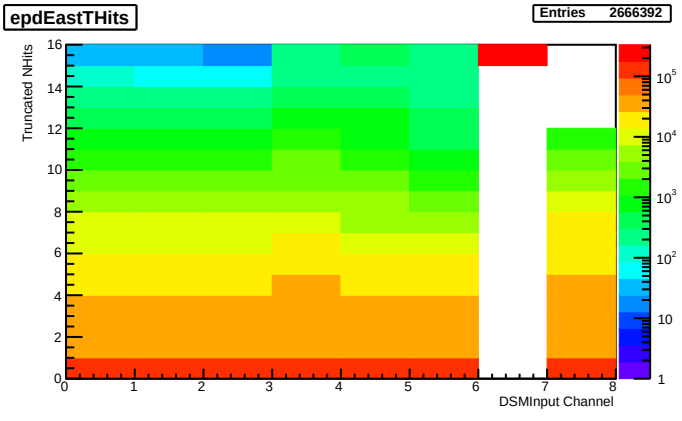

bbcSmallWestAdcSumVsSimu
Entries 284469
Data
Simu

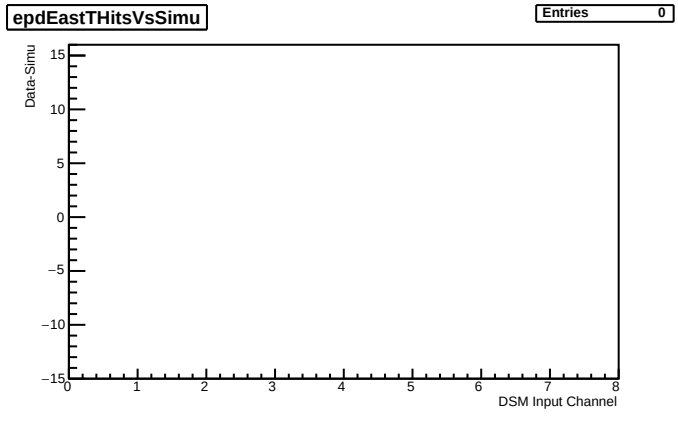

bbcSmallWestTacMax
Entries 333299


bbcSmallWestTacMaxVsSimu
Entries 284469
Data
Simu


epdEastTacMax
Entries 2666392
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2666392
Truncated NHits
DSMInput Channel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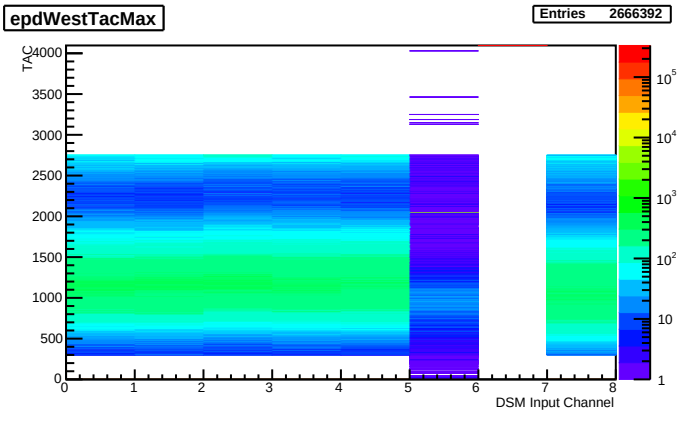
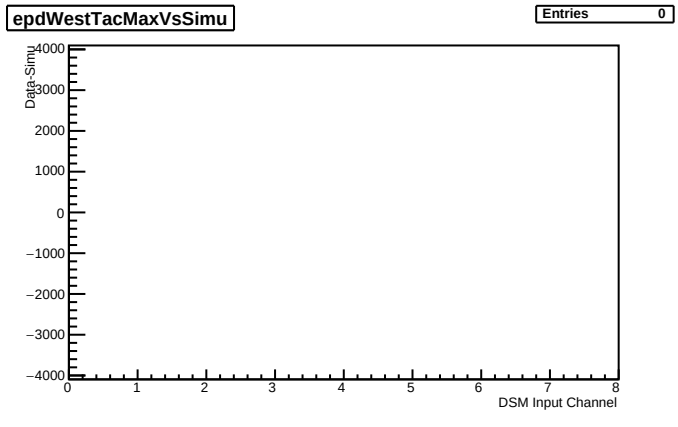
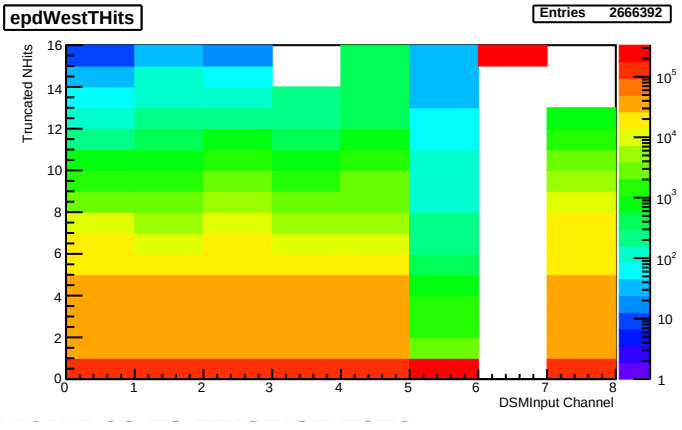
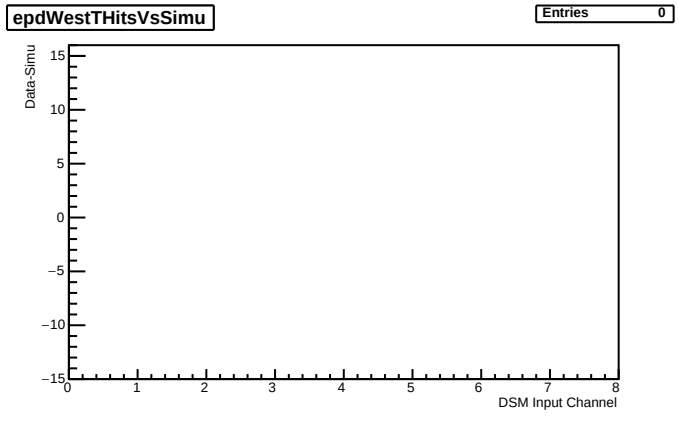
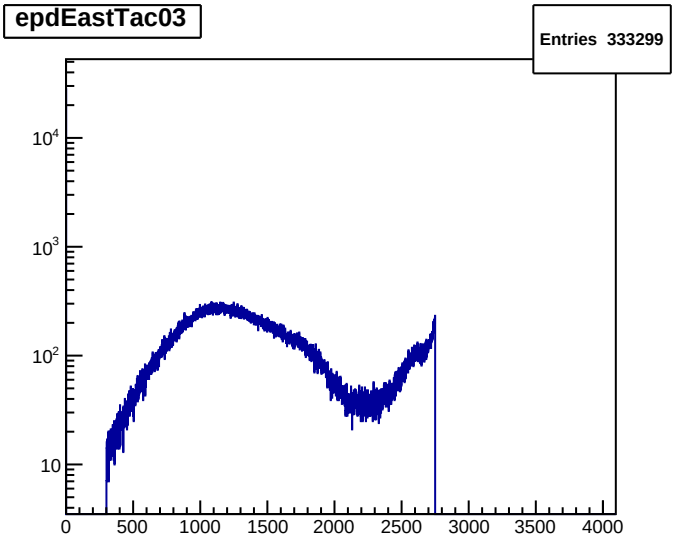
Entries 0
Data-Simu
DSM Input Channel

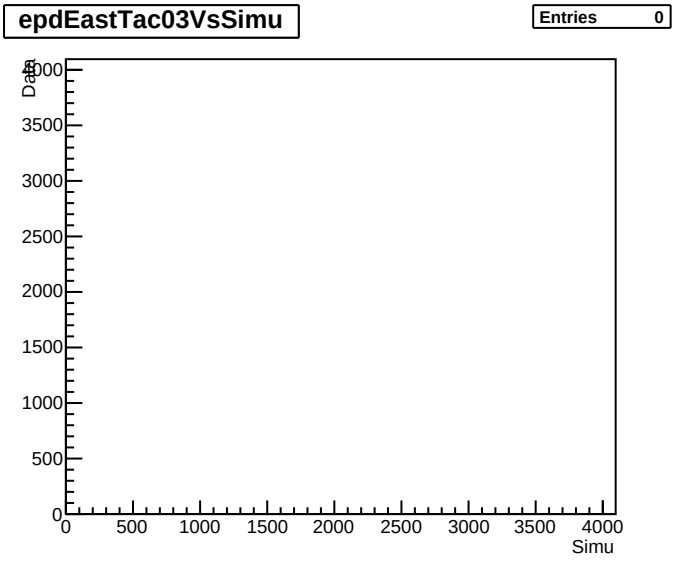

epdWestTacMax
Entries 2666392
TAC
DSM Input Channel

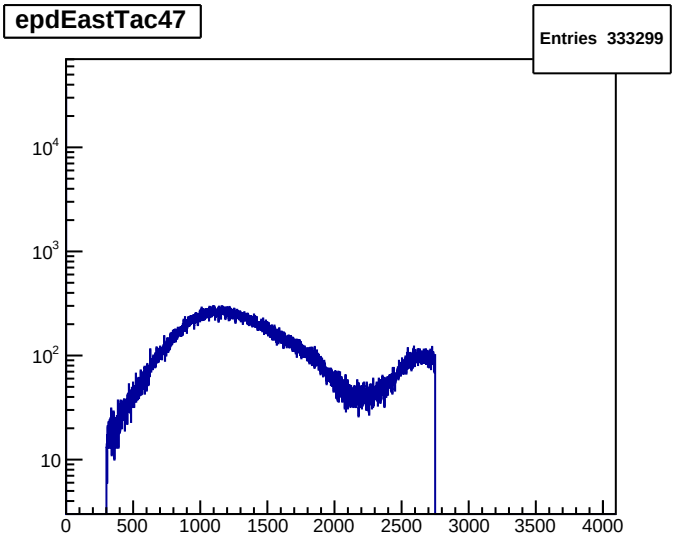

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

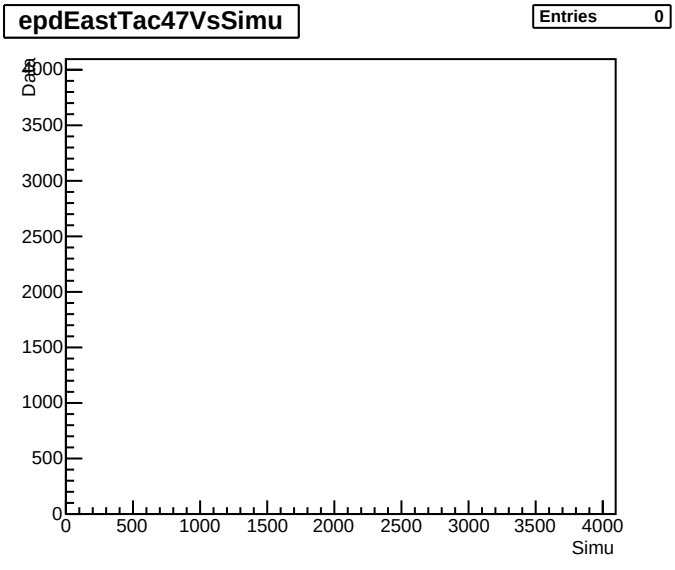

epdWestTHits
Entries 2666392
Truncated NHits
DSMInput Channel

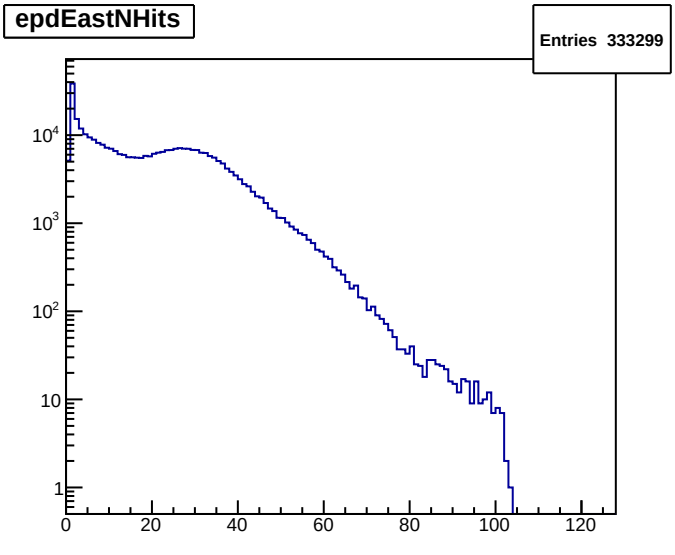

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

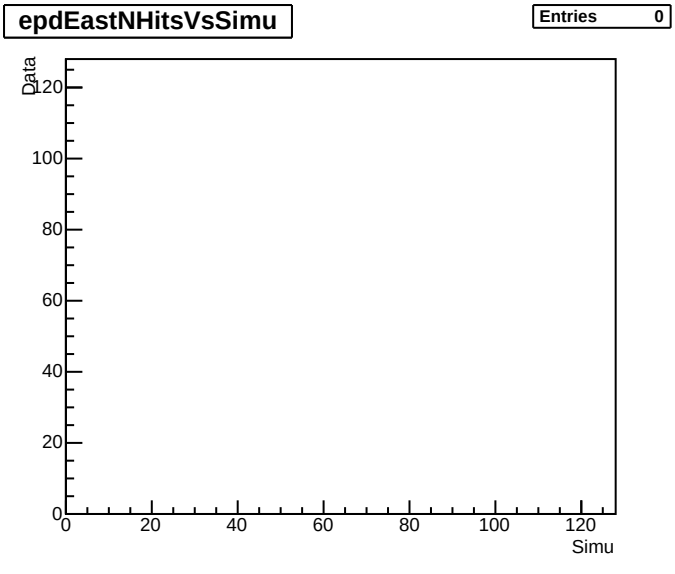

epdEastTac03
Entries 333299


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 333299


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 333299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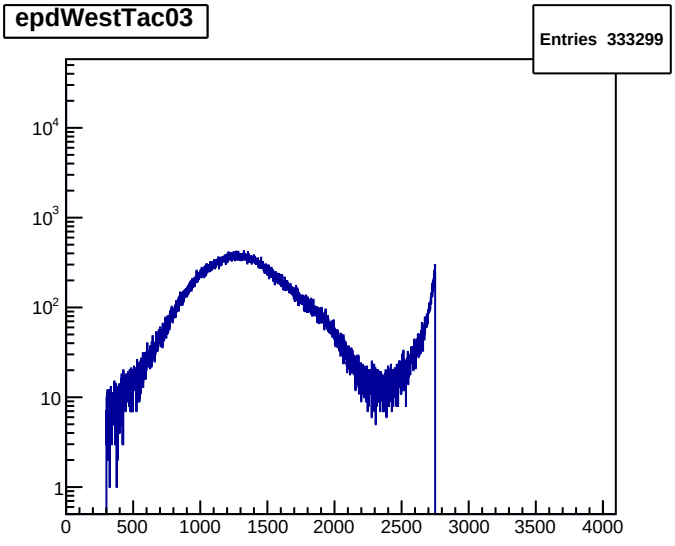
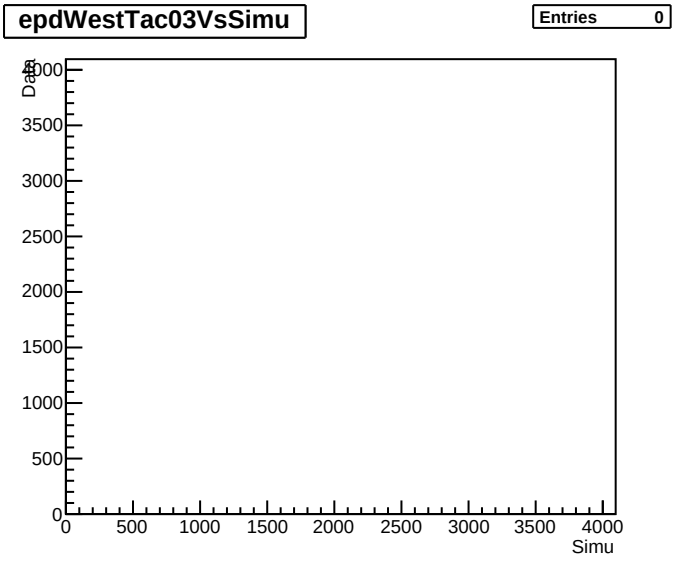
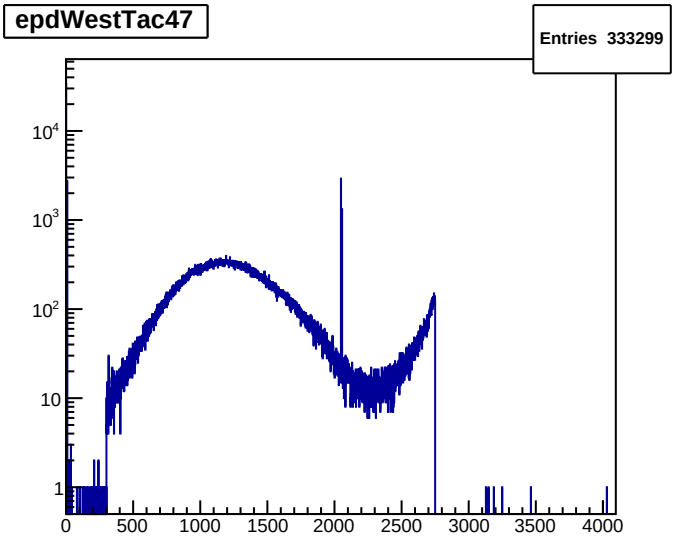
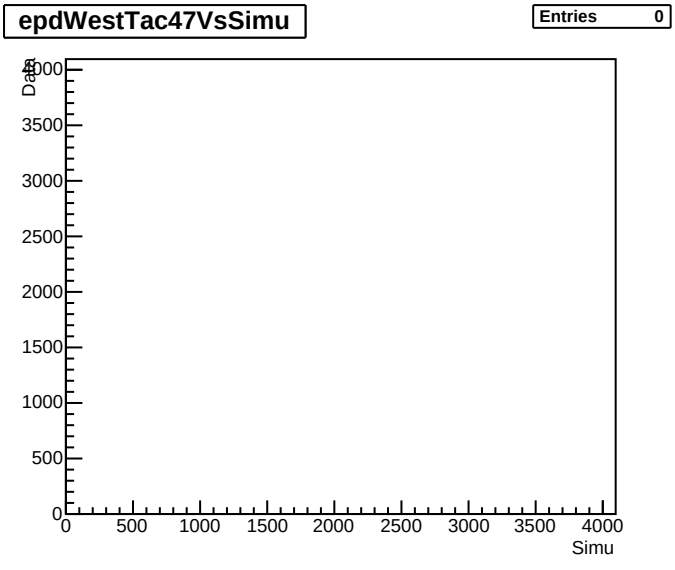
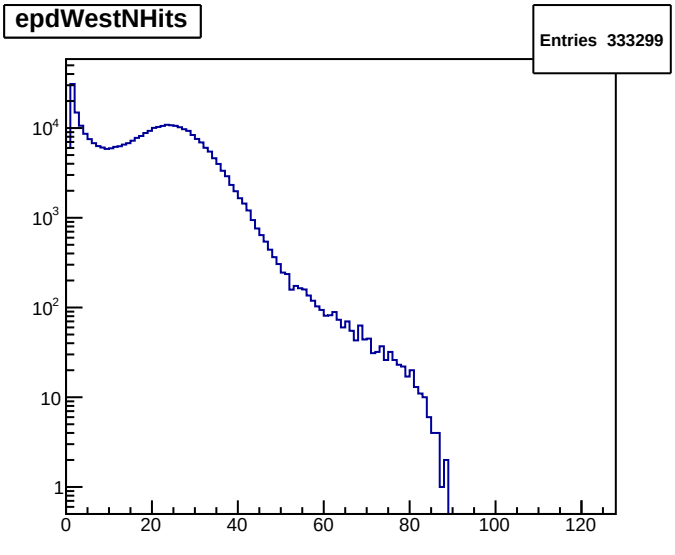
Entries 0
Data
Simu

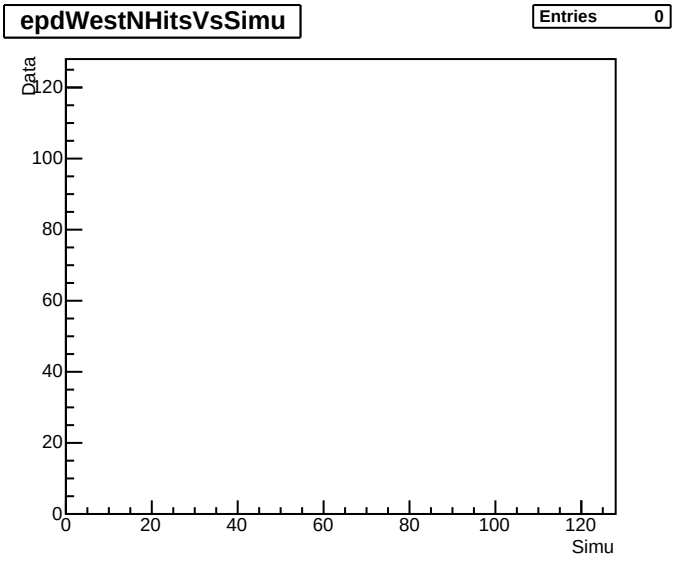

epdWestTac03
Entries 333299

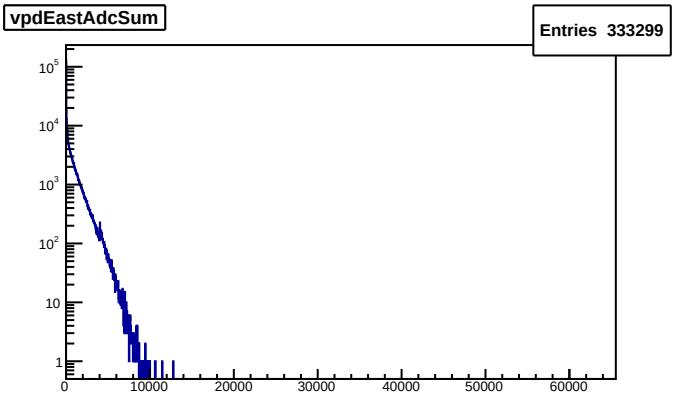

epdWestTac03VsSimu
Entries 0
Data
Simu

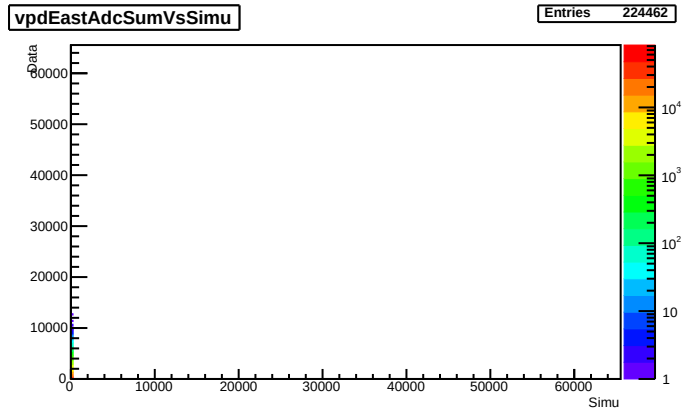

epdWestTac47
Entries 333299

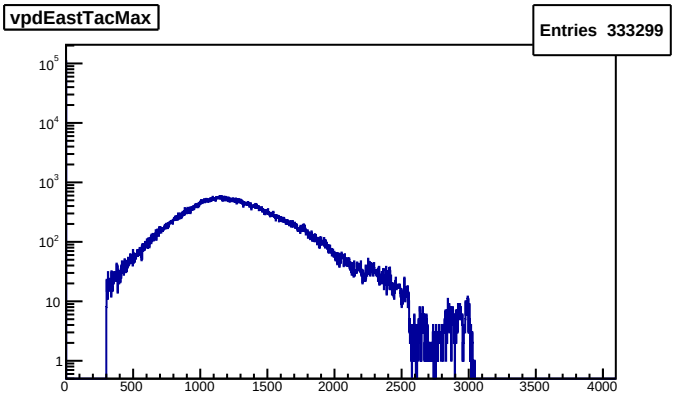

epdWestTac47VsSimu
Entries 0
Data
Simu

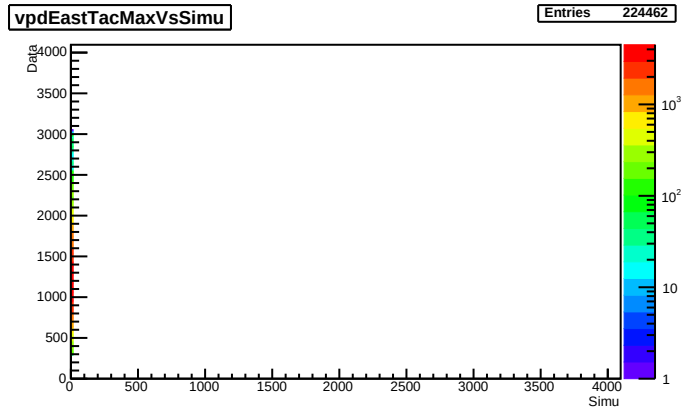

epdWestNHits
Entries 333299

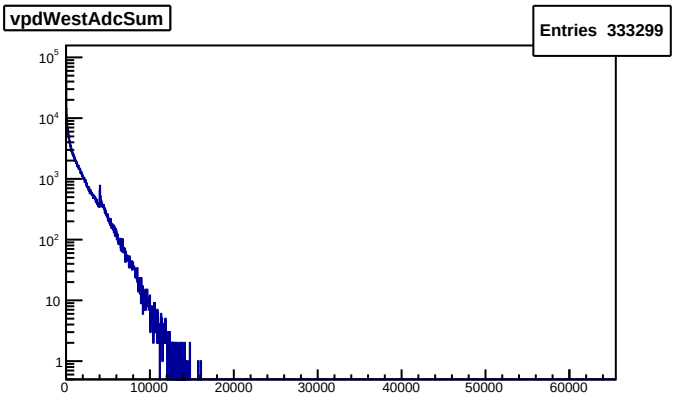

epdWestNHitsVsSimu
Entries 0
Data
Simu

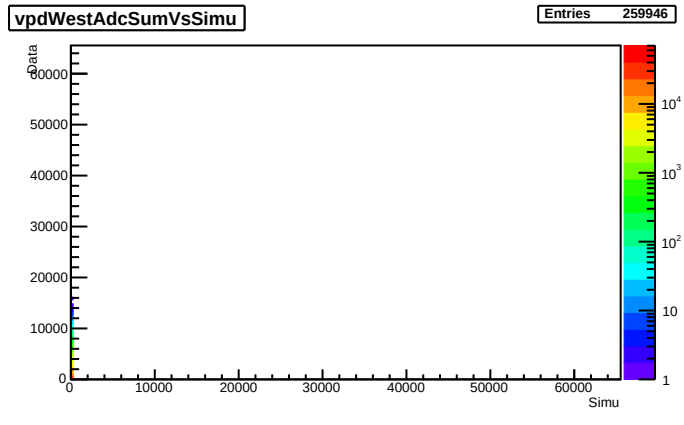

vpdEastAdcSum
Entries 333299

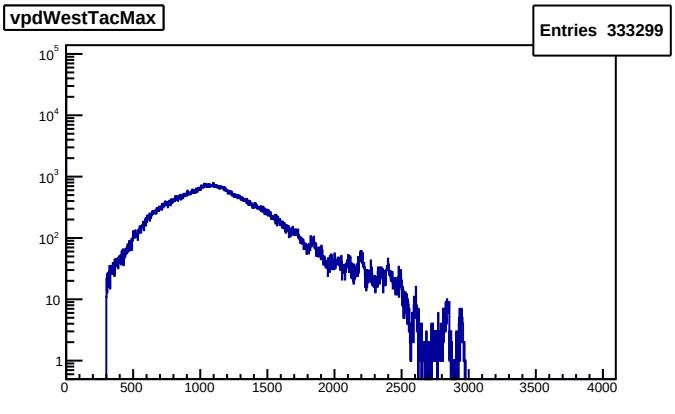

vpdEastAdcSumVsSimu
Entries 224462
Data
Simu

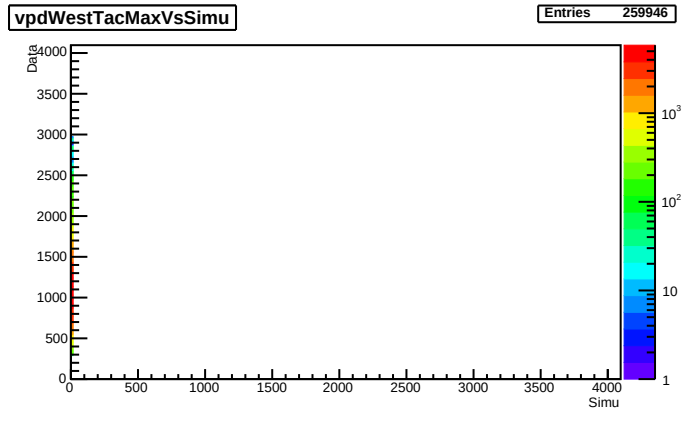

vpdEastTacMax
Entries 333299

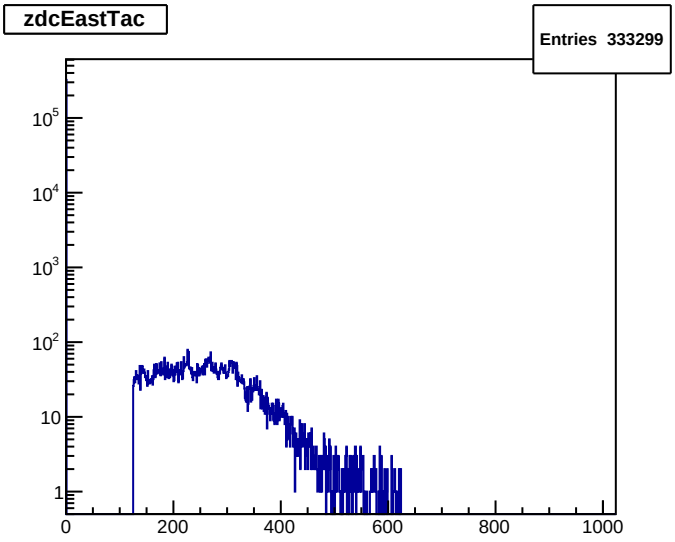

vpdEastTacMaxVsSimu
Entries 224462
Data
Simu

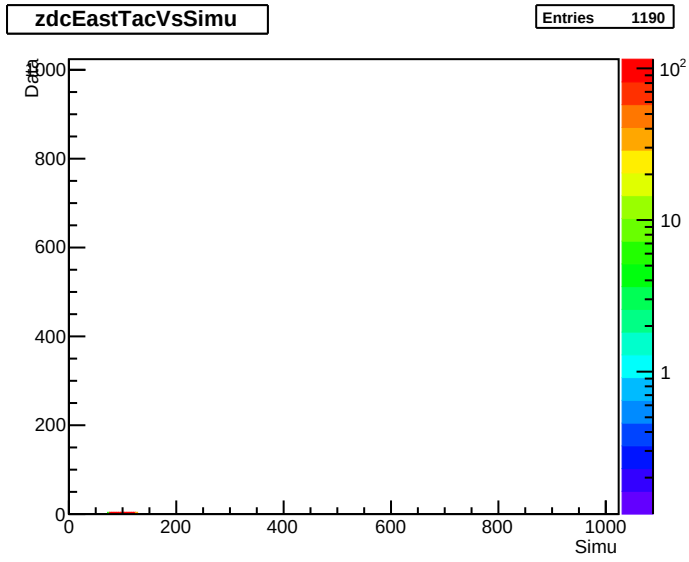

vpdWestAdcSum
Entries 333299

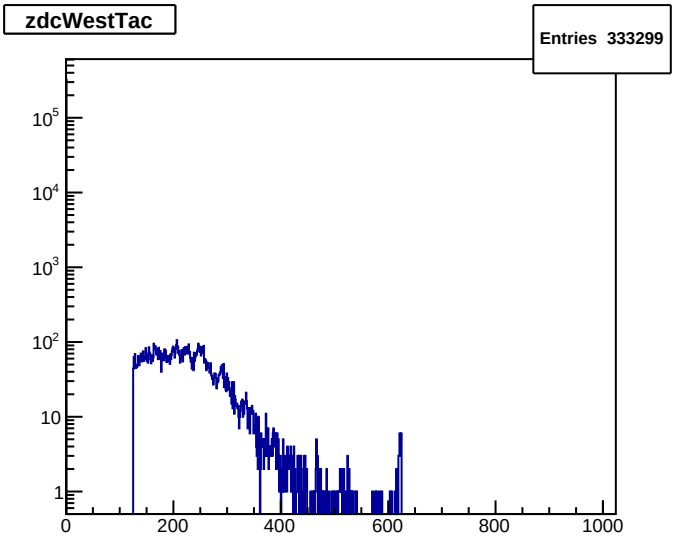

vpdWestAdcSumVsSimu
Entries 259946
Data
Simu

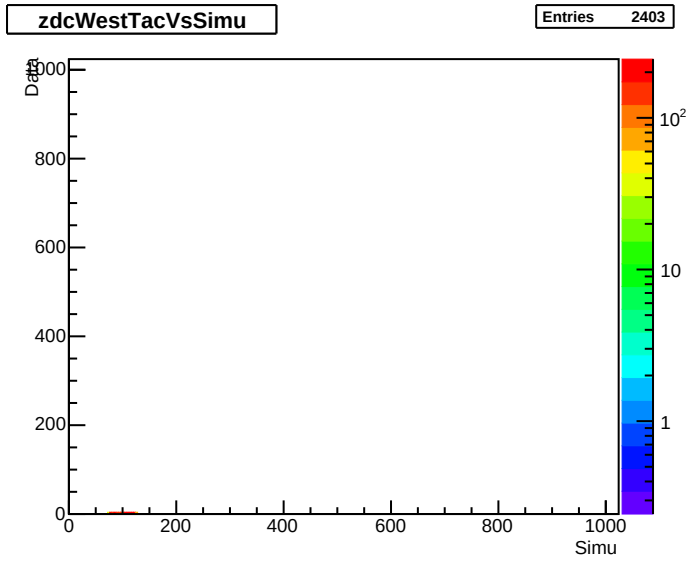

vpdWestTacMax
Entries 333299

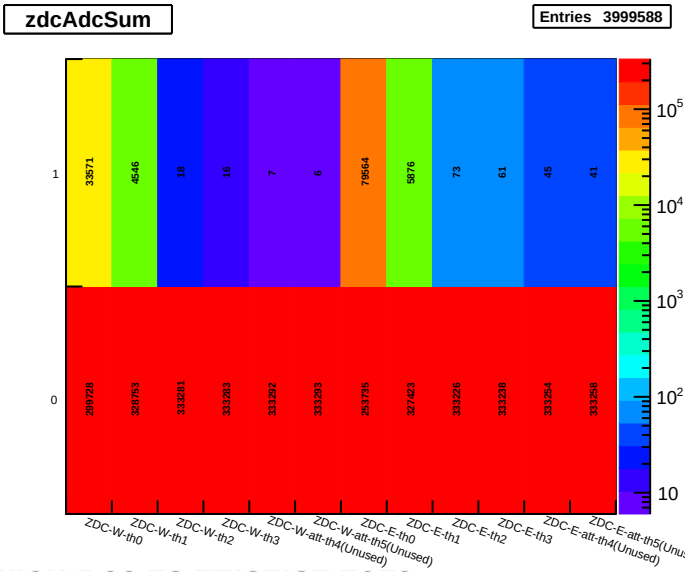

vpdWestTacMaxVsSimu
Entries 259946
Data
Simu

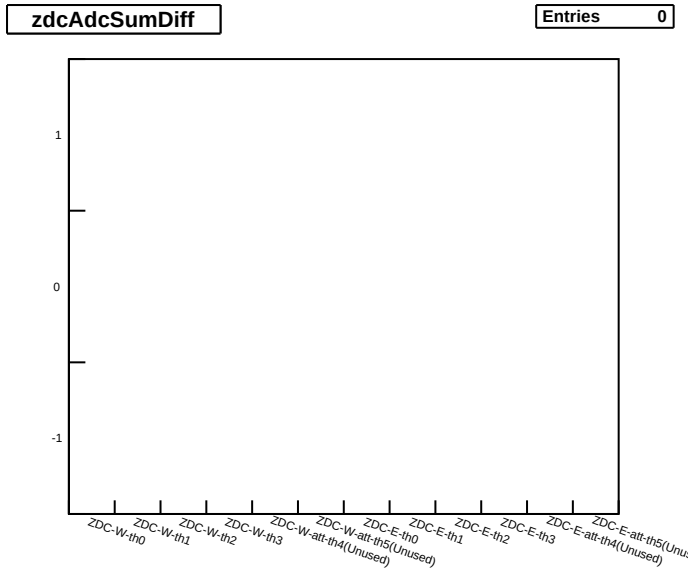

zdcEastTac
Entries 333299

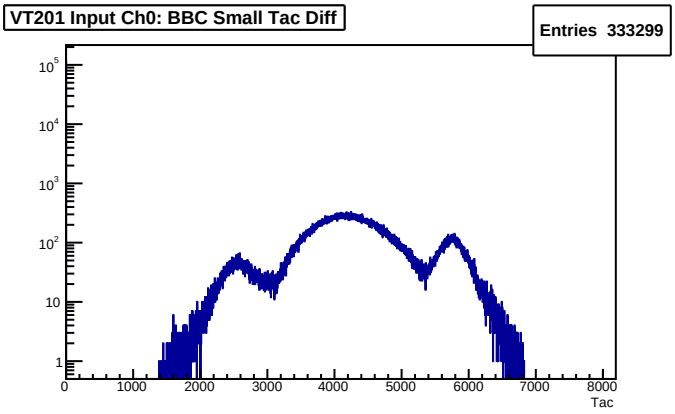

zdcEastTacVsSimu
Entries 1190
Data
Simu

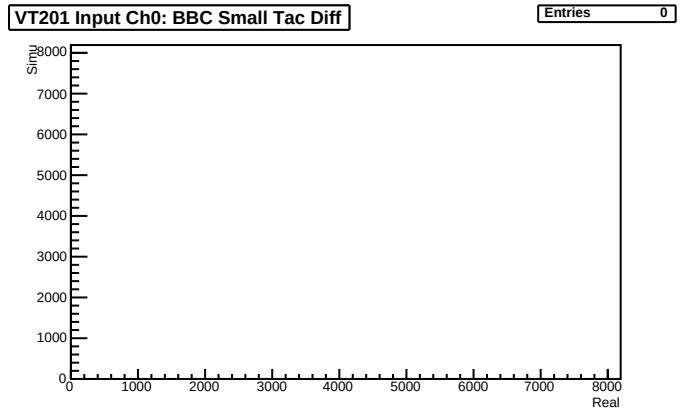

zdcWestTac
Entries 333299

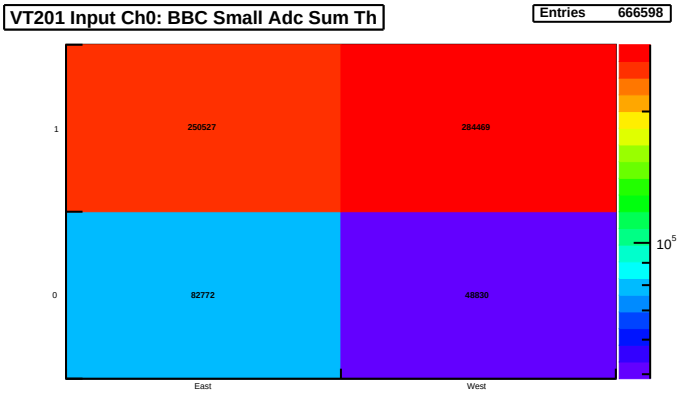

zdcWestTacVsSimu
Entries 2403
Data
Simu

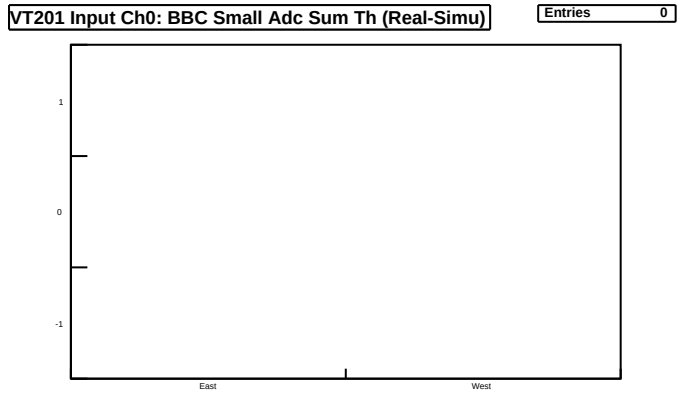

zdcAdcSum
Entries 3999588
33571
4546
18
16
7
6
79564
5876
73
61
45
41
299728
328753
333281
333283
333292
333293
253735
327423
333226
333238
333254
333258
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

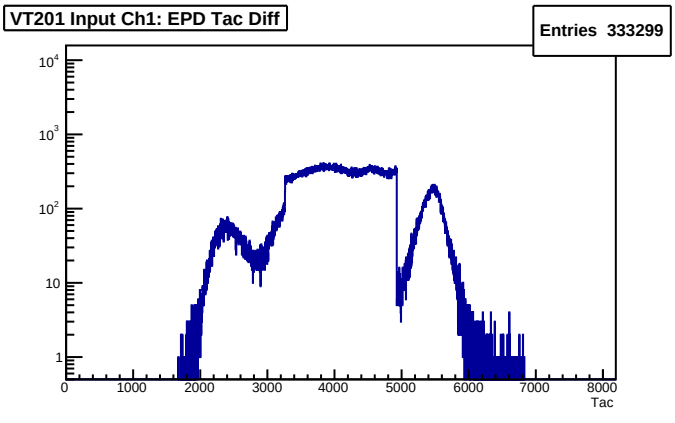

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

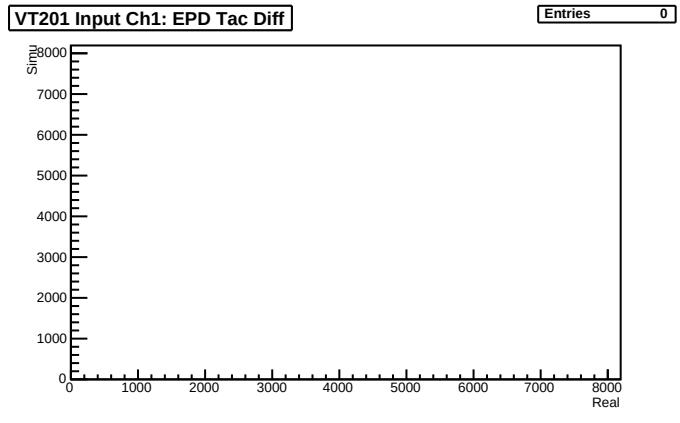

VT201 Input Ch0: BBC Small Tac Diff
Entries 333299
Tac

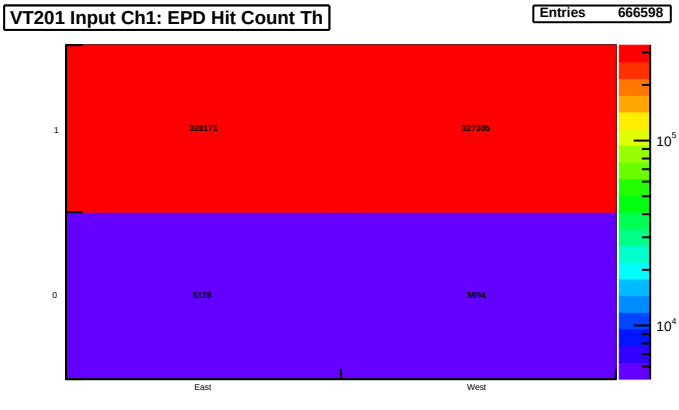

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

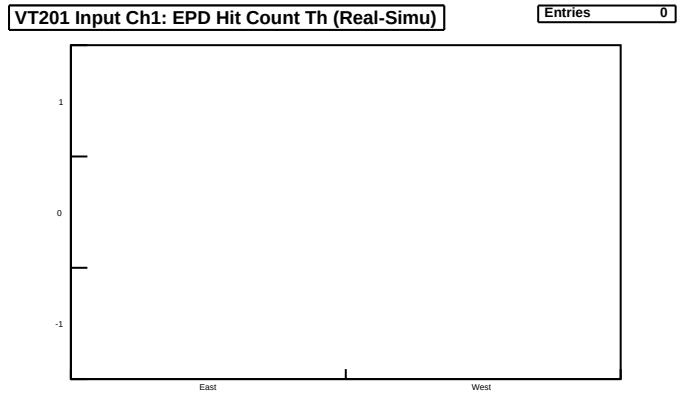

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 666598
250527
284469
82772
48830
East
West

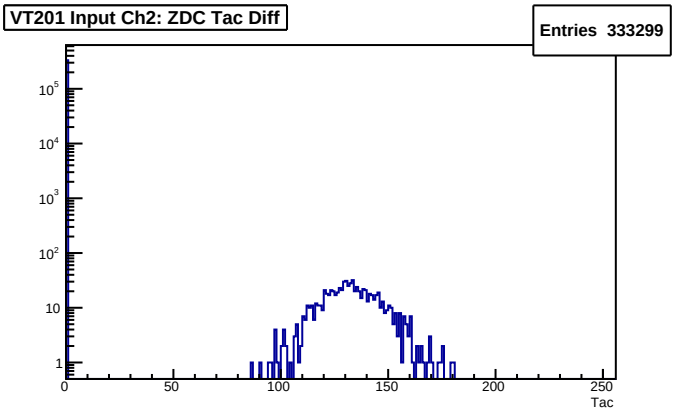

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

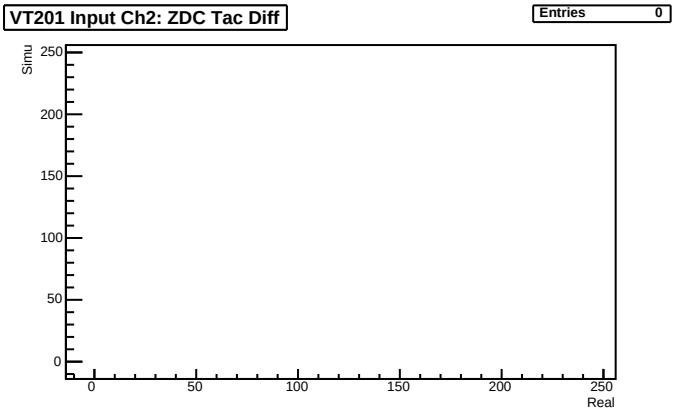

VT201 Input Ch1: EPD Tac Diff
Entries 333299
Tac

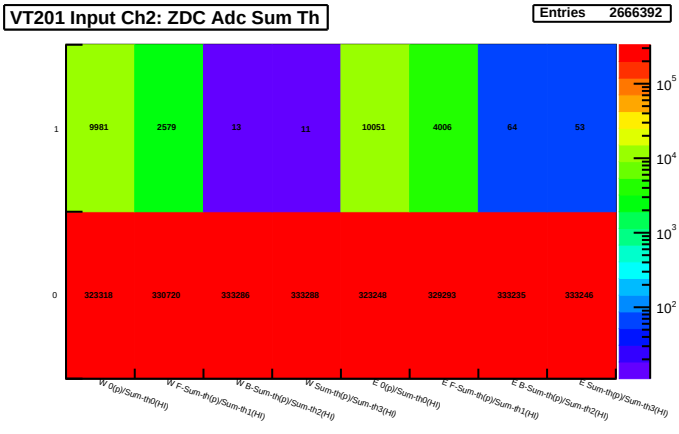

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

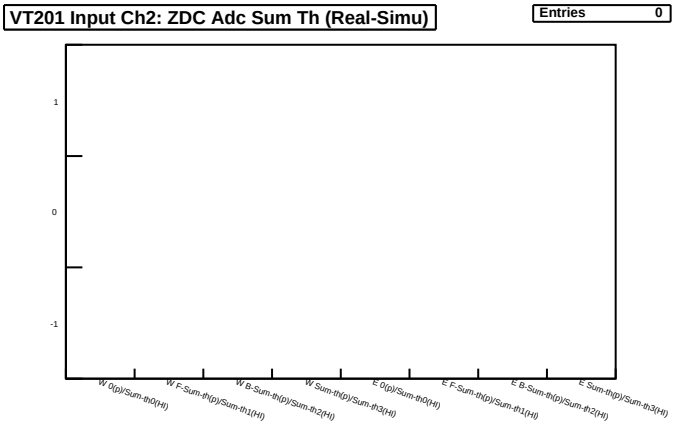

VT201 Input Ch1: EPD Hit Count Th
Entries 666598
328171
327305
5128
5994
East
West

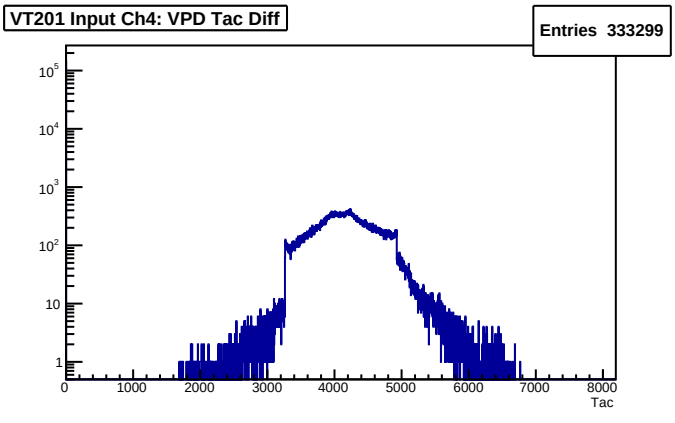

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

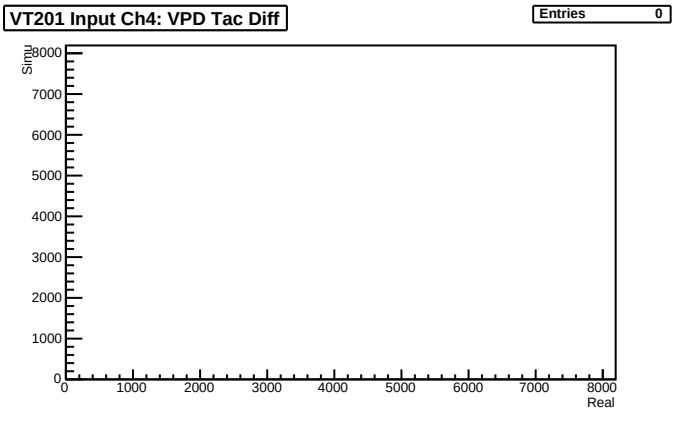

VT201 Input Ch2: ZDC Tac Diff
Entries 333299
Tac

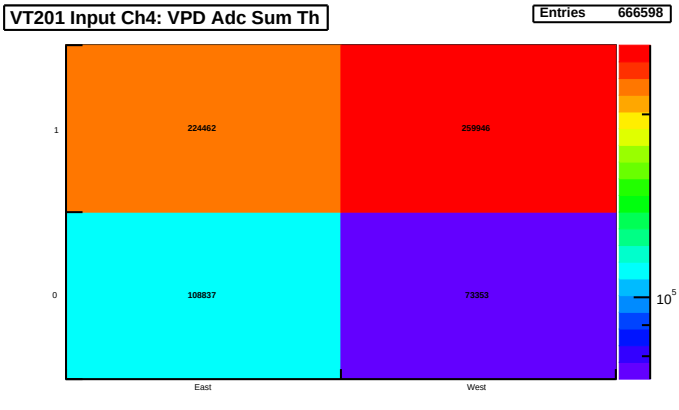

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

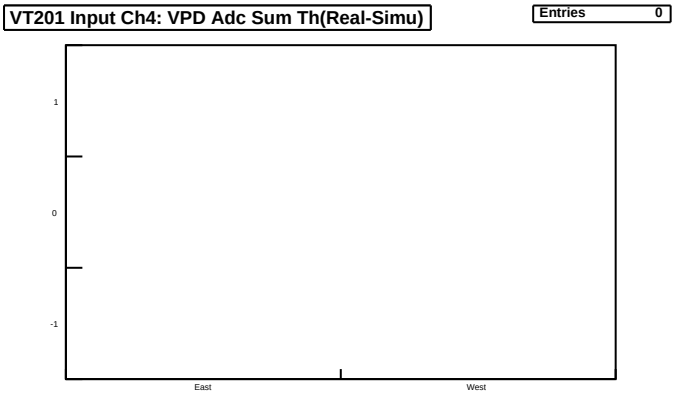

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2666392
9981
2579
13
11
10051
4006
64
53
323318
330720
333286
333288
323248
329293
333235
333246
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

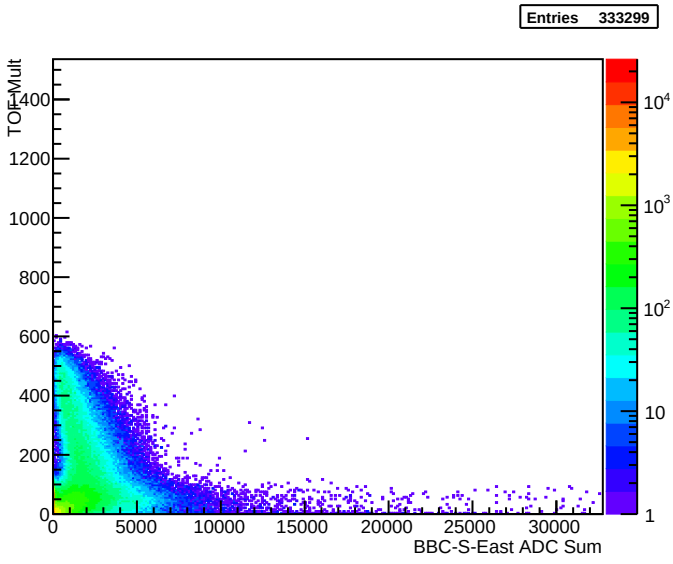

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

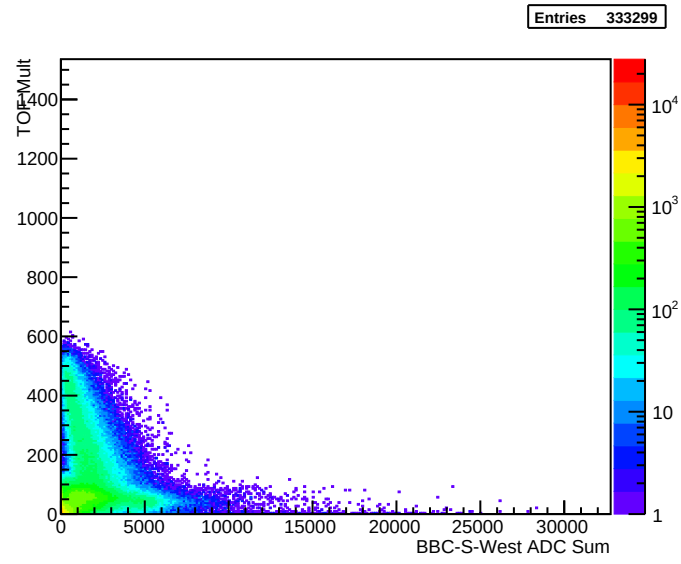

VT201 Input Ch4: VPD Tac Diff
Entries 333299
Tac

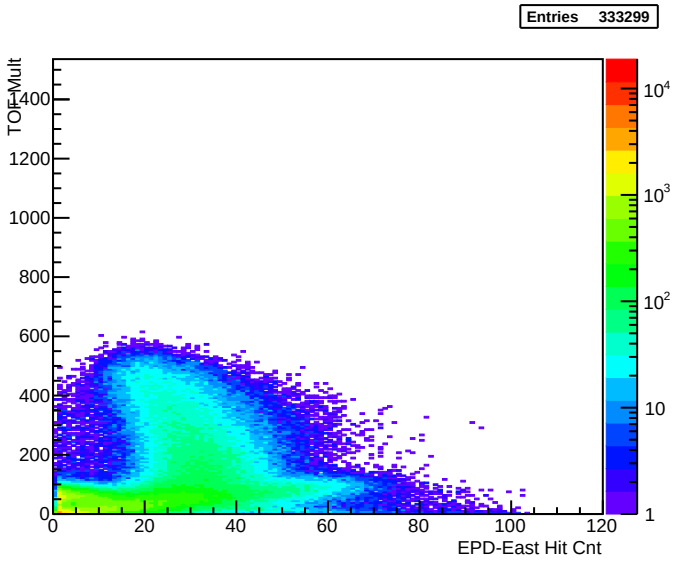

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

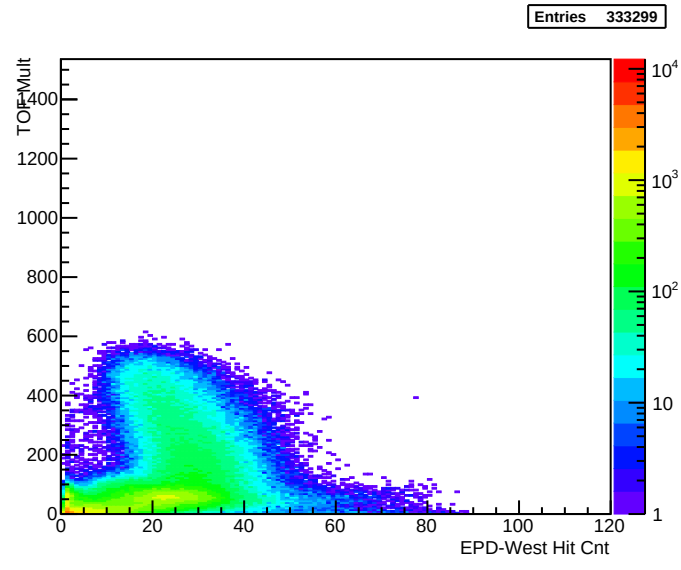

VT201 Input Ch4: VPD Adc Sum Th
Entries 666598
224462
259946
108837
73353
East
West

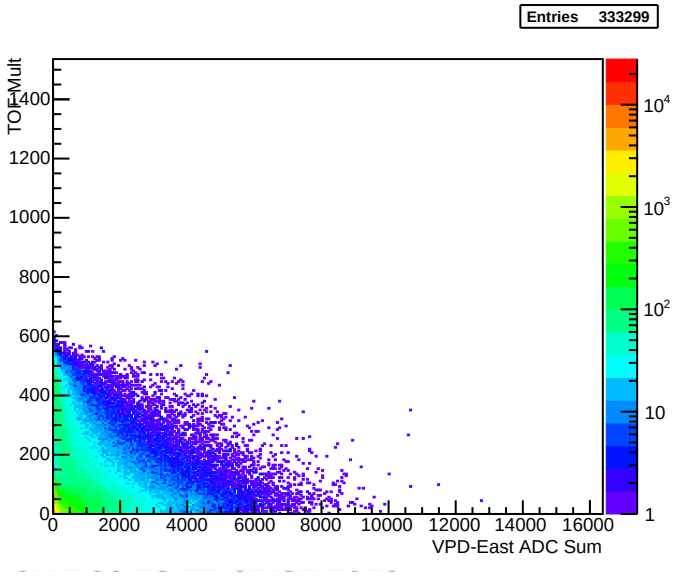

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

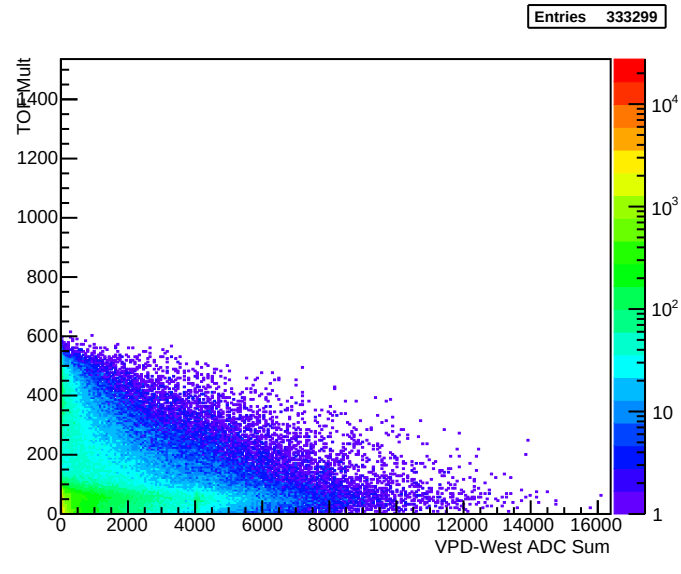

Entries 333299
TOF-Mult
BBC-S-East ADC Sum

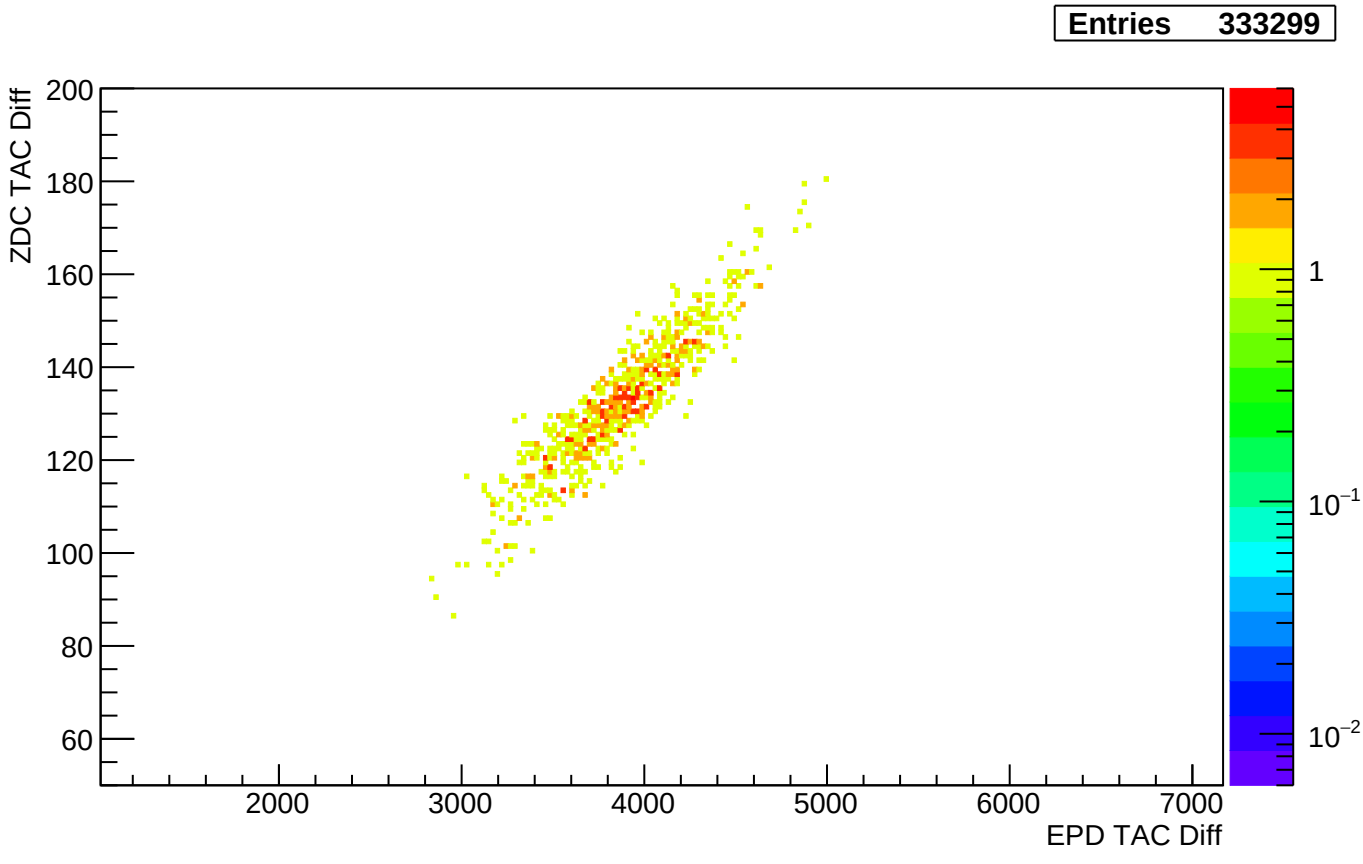

Entries 333299
TOF-Mult
BBC-S-West ADC Sum

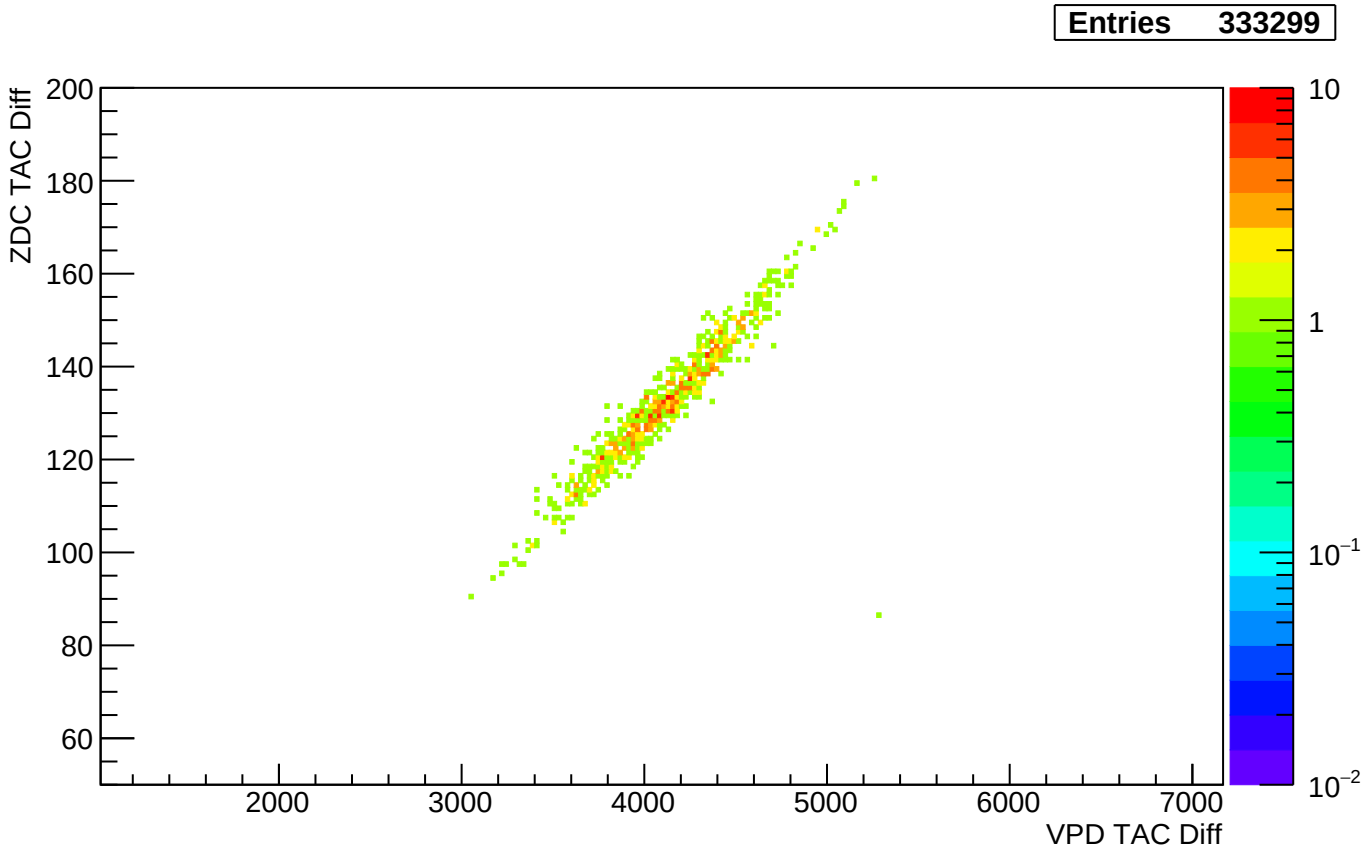

Entries 333299
TOF-Mult
EPD-East Hit Cnt

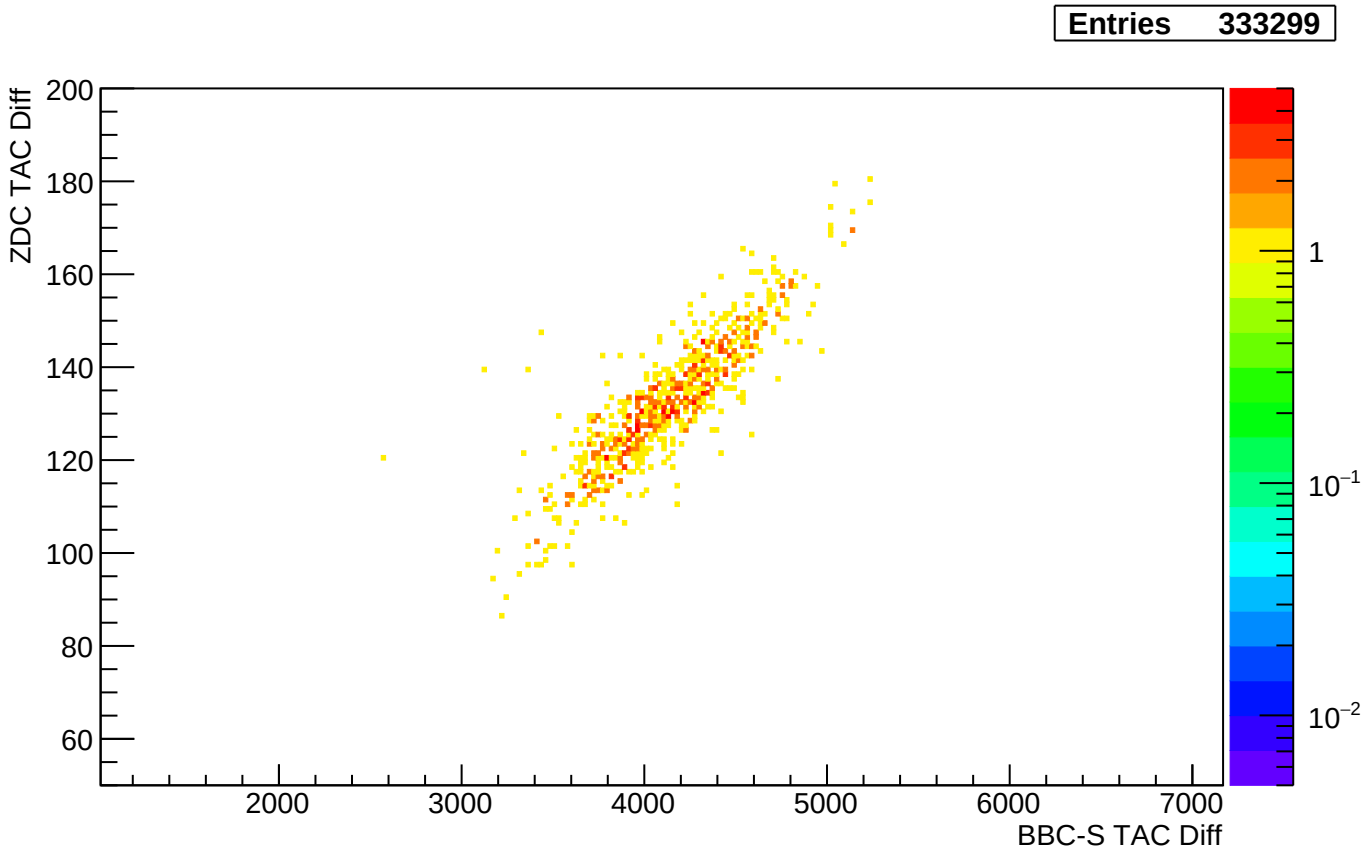

Entries 333299
TOF-Mult
EPD-West Hit Cnt

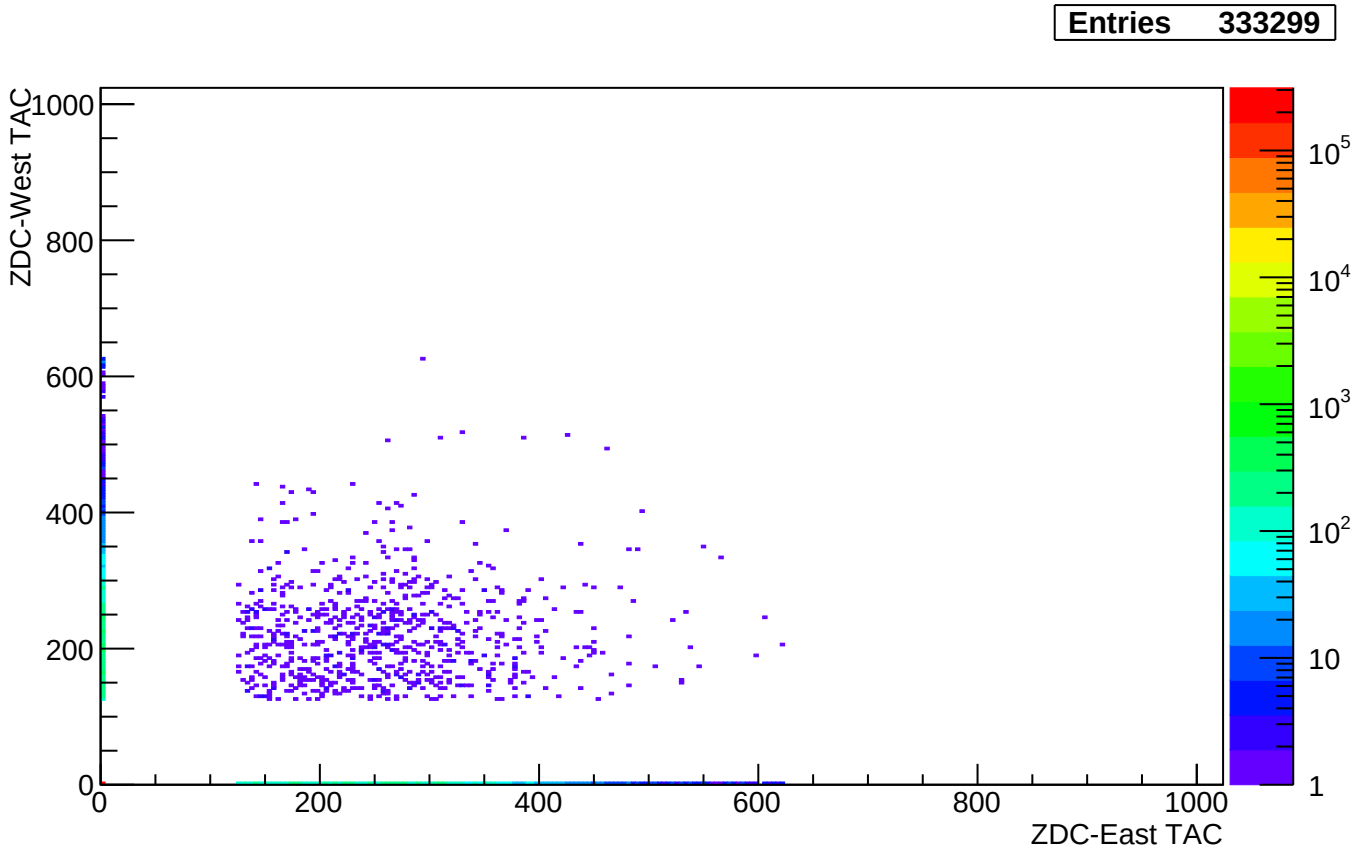

Entries 333299
TOF-Mult
VPD-East ADC Sum

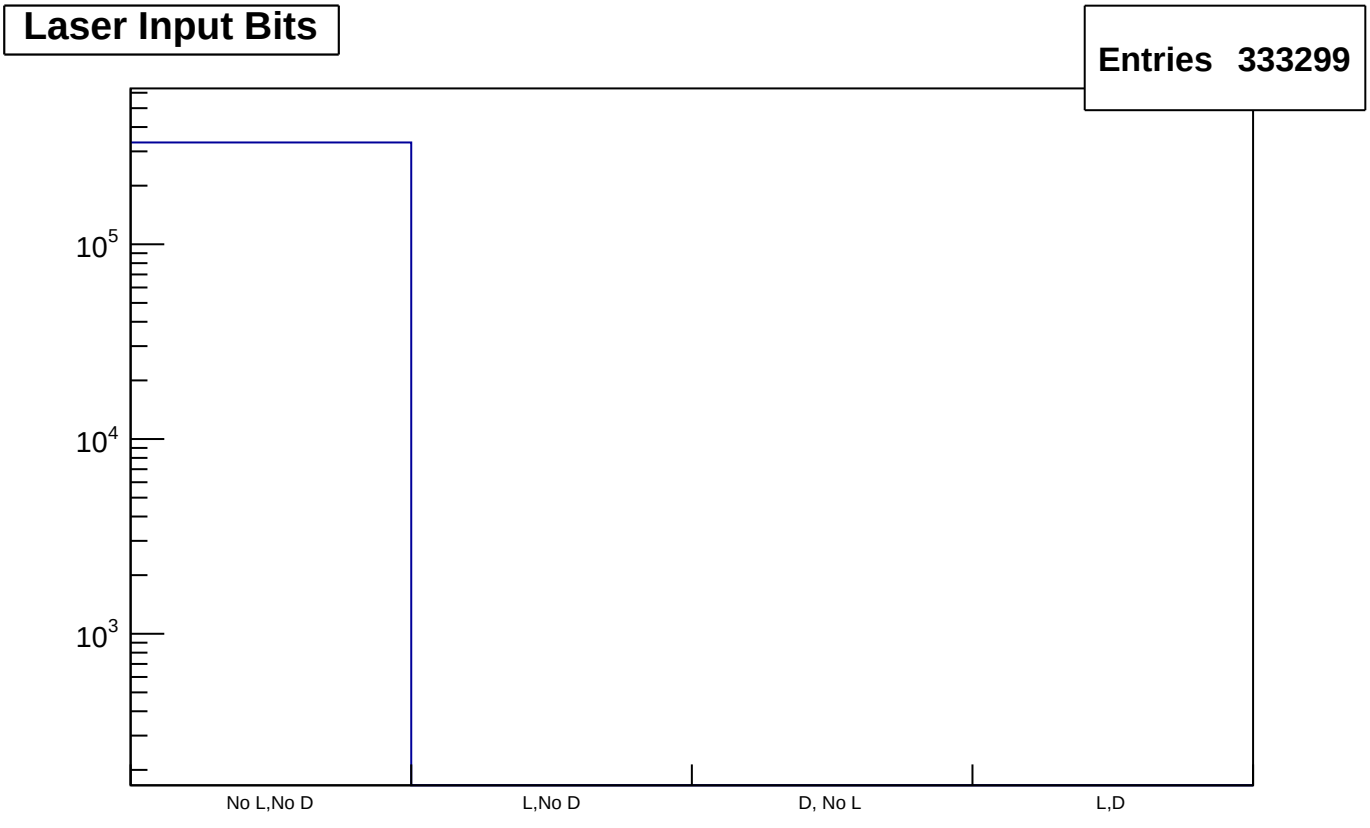

Entries 333299
TOF-Mult
VPD-West ADC Sum

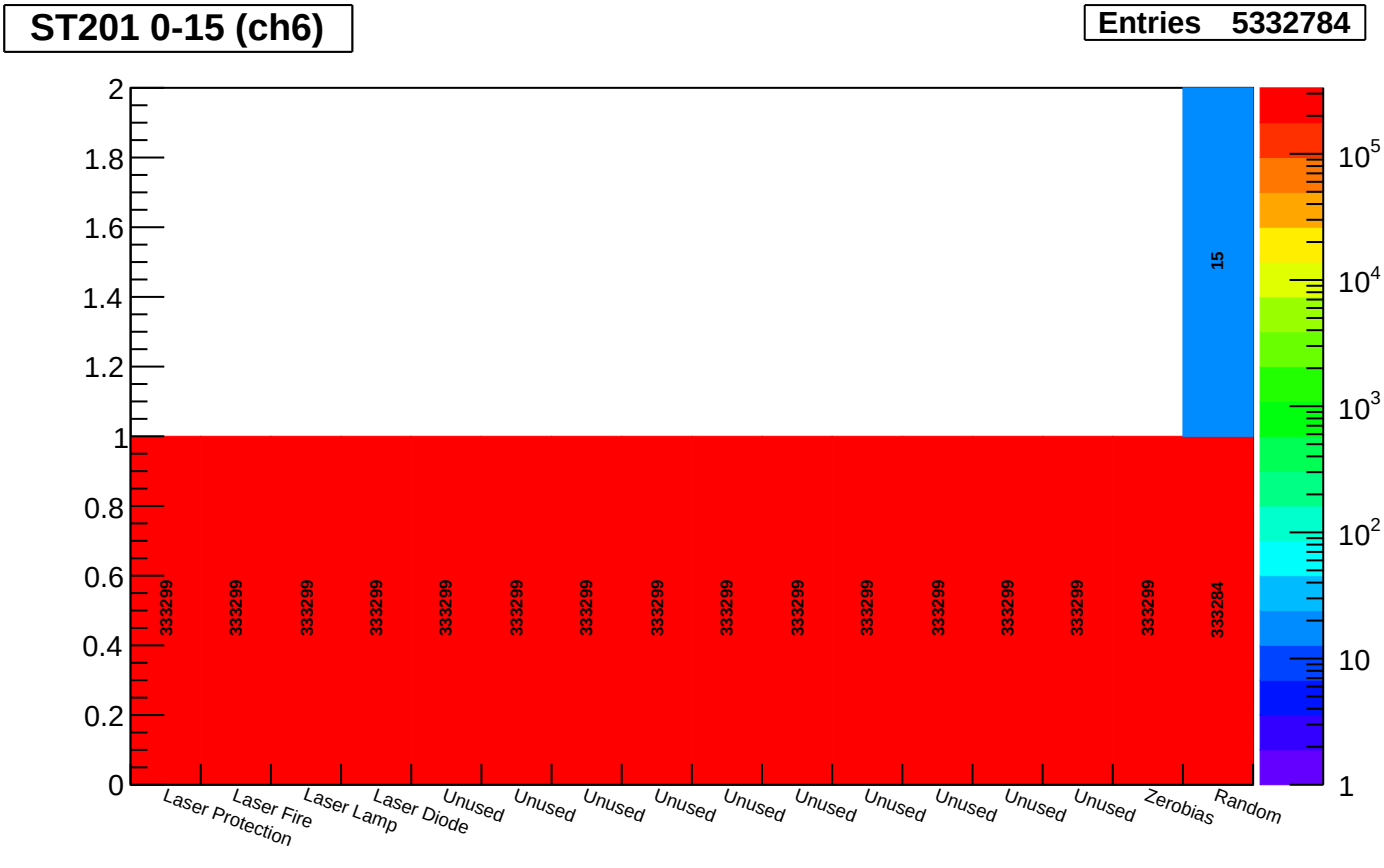

Entries 333299
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

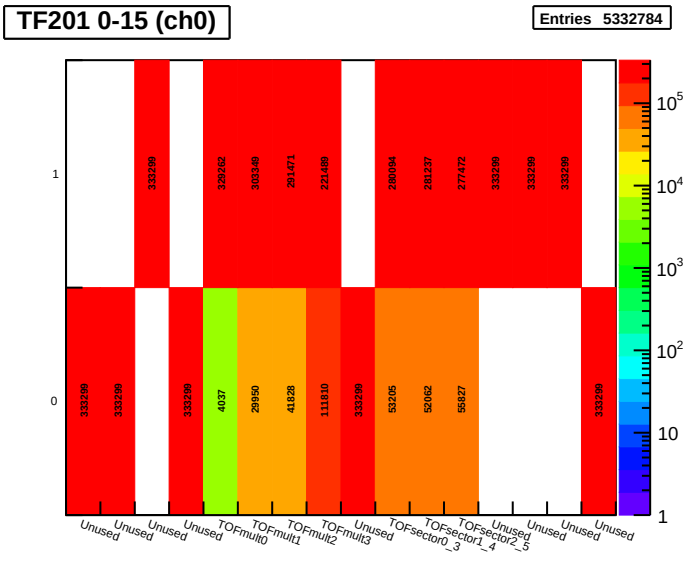

Entries 333299
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

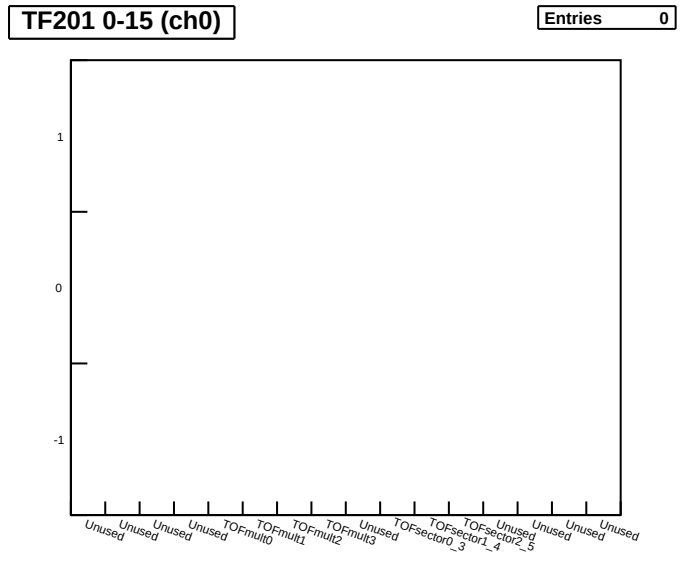

Entries 333299
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

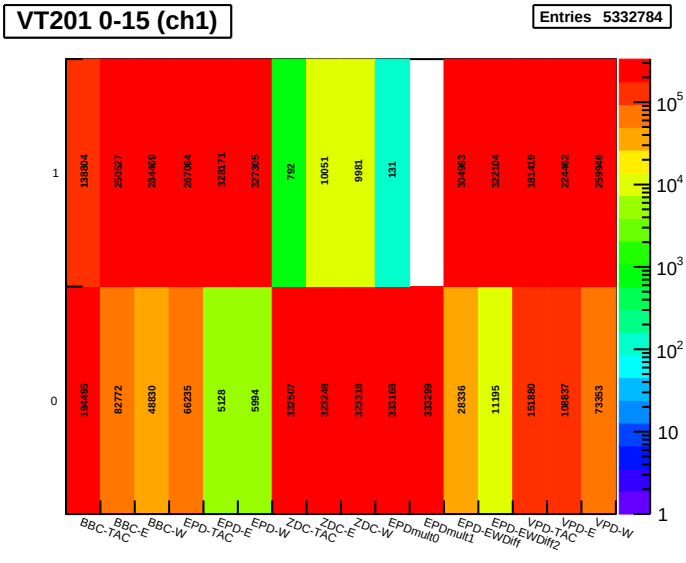

Entries 333299
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

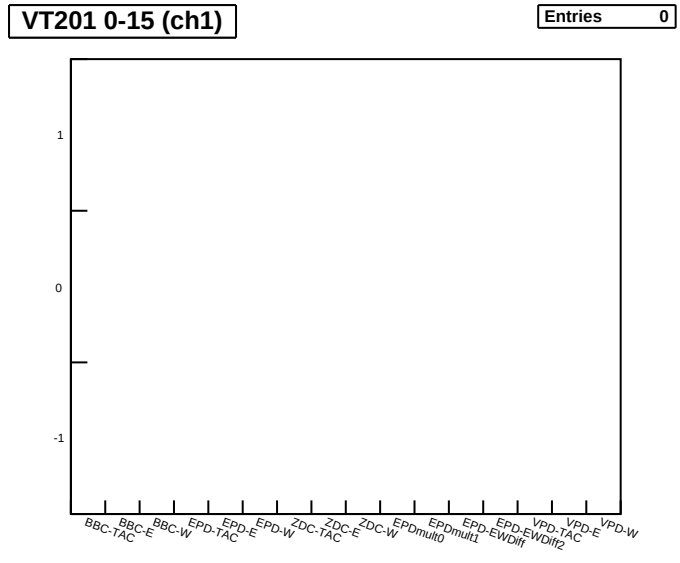

Laser Input Bits
Entries 333299
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

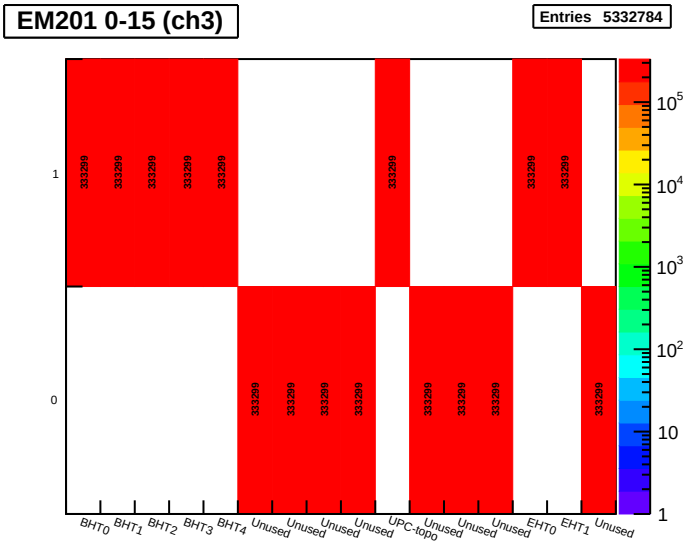

ST201 0-15 (ch6)
Entries 5332784
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
333299
333284
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

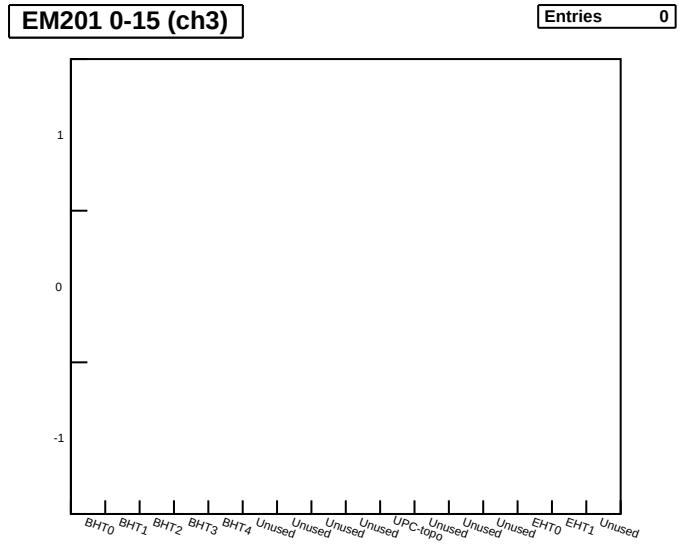

TF201 0-15 (ch0)
Entries 5332784
1
0
333299
329262
303349
291471
221489
280094
281237
277472
333299
333299
333299
333299
333299
4037
29950
41828
111810
333299
53205
52062
55827
333299
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 5332784
1
0
138804
250527
284469
267054
328171
327305
792
10051
9981
131
304963
322104
181419
224462
259946
194495
82772
48830
66235
5128
5994
332507
323248
323318
333168
333299
28336
11195
151880
108837
73353
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 5332784
1
0
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
333299
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