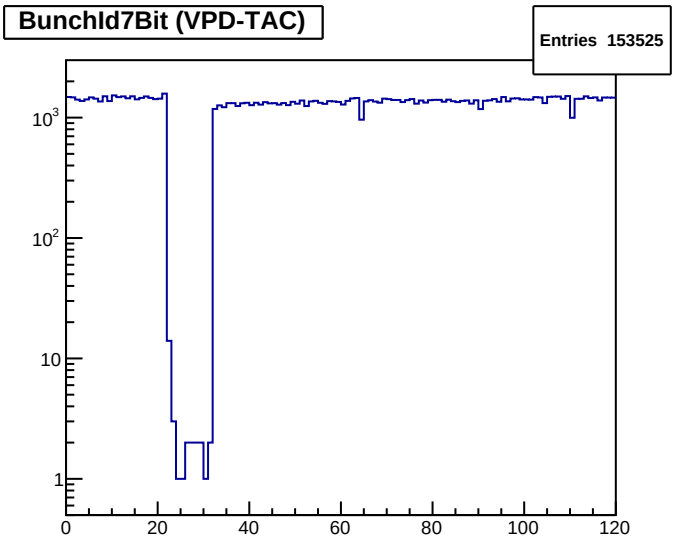
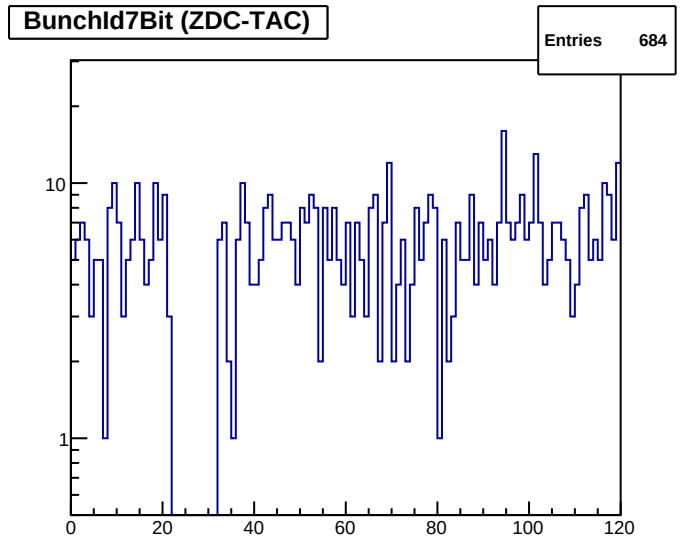
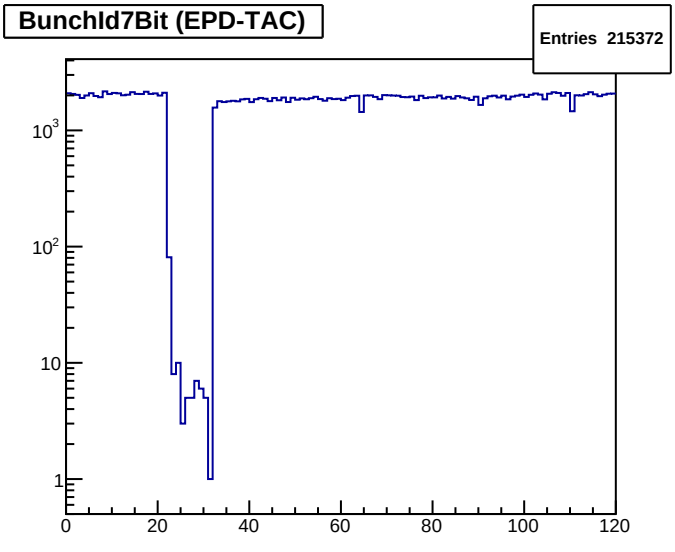
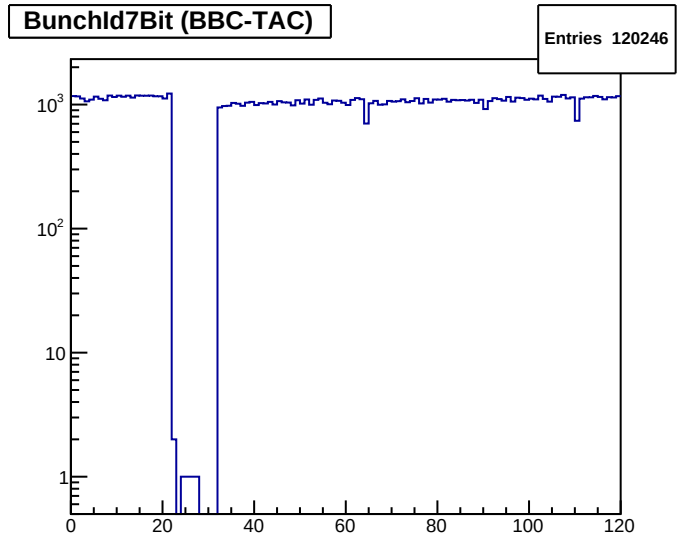
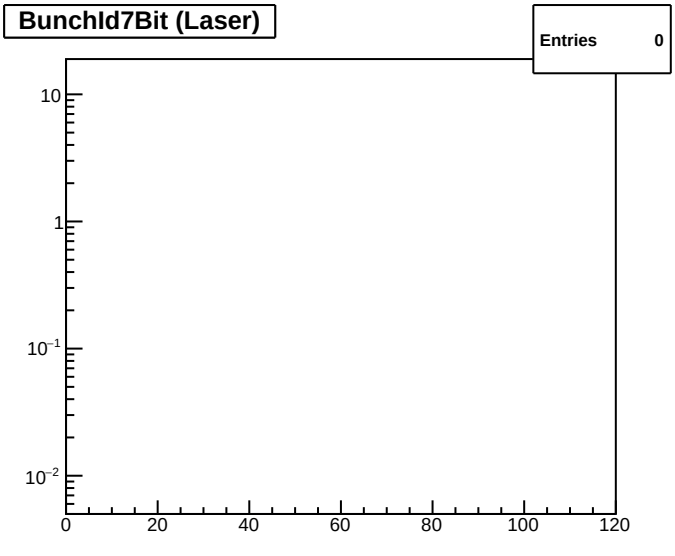
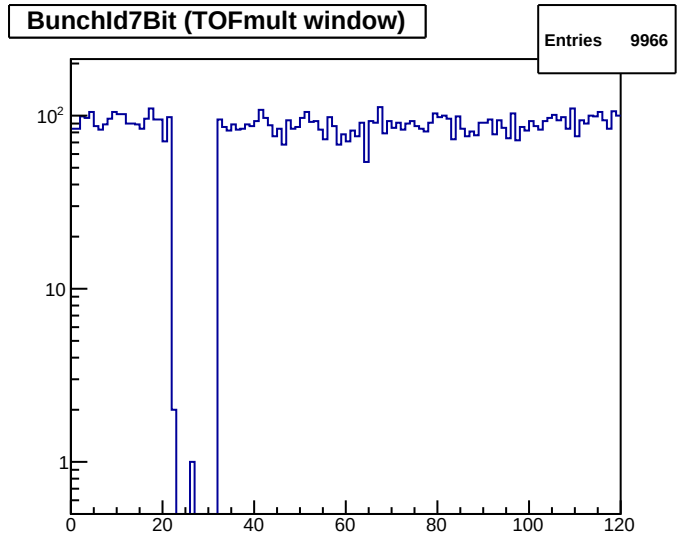

BunchId7Bit (VPD-TAC)
Entries 153525

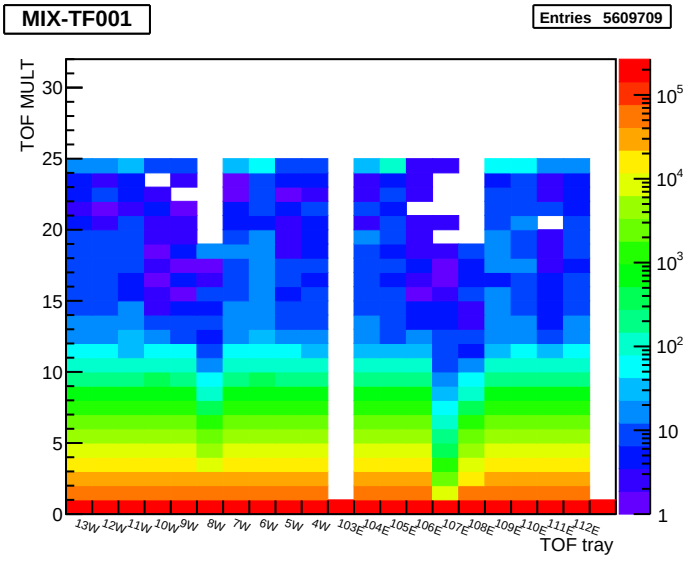

BunchId7Bit (ZDC-TAC)
Entries 684

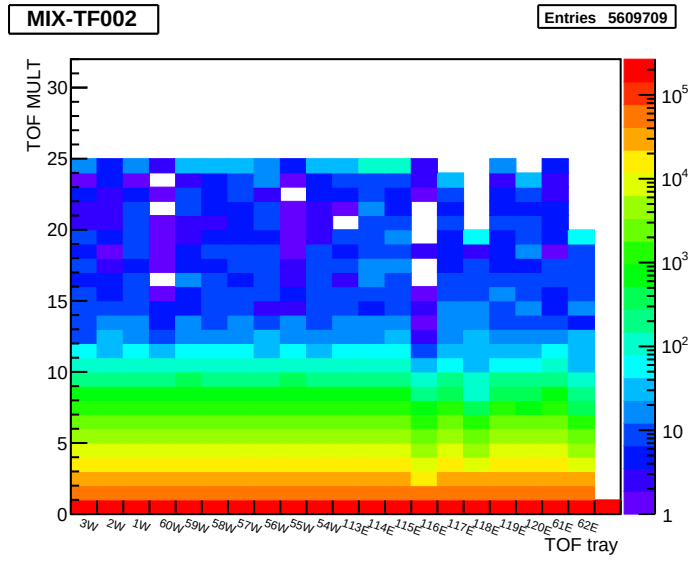

BunchId7Bit (EPD-TAC)
Entries 215372

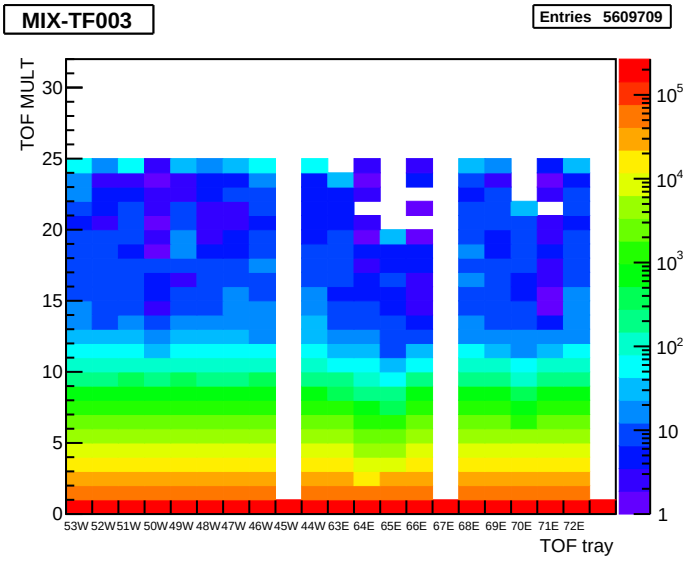

BunchId7Bit (BBC-TAC)
Entries 120246

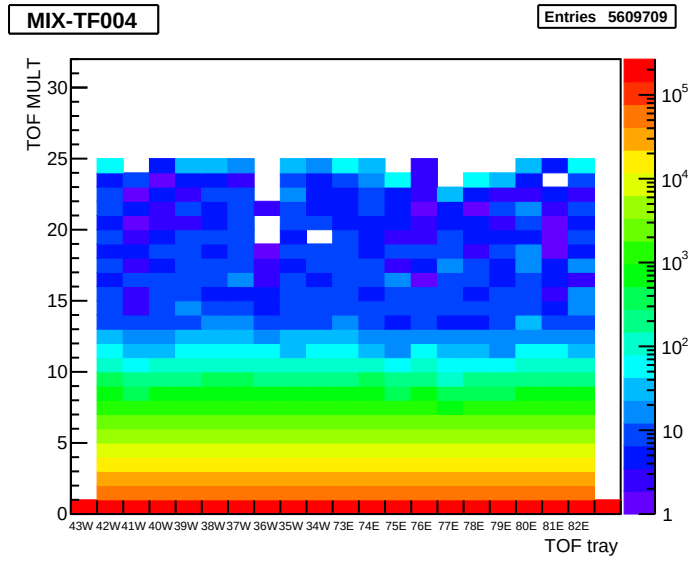

BunchId7Bit (Laser)
Entries 0

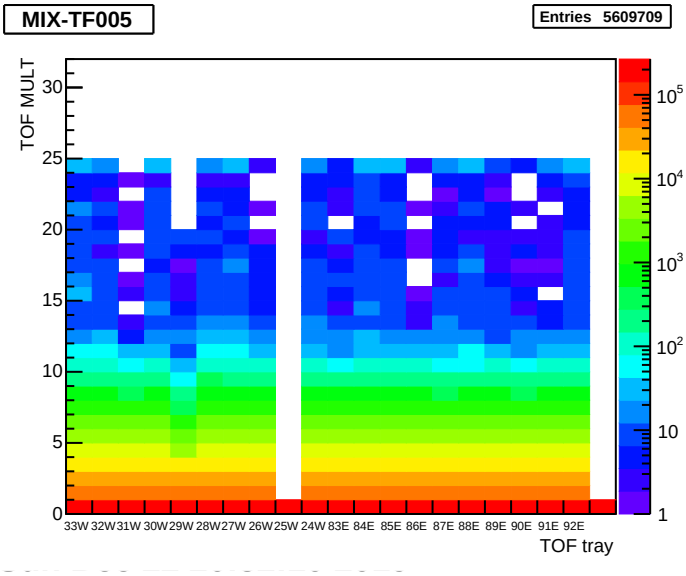

BunchId7Bit (TOFmult window)
Entries 9966

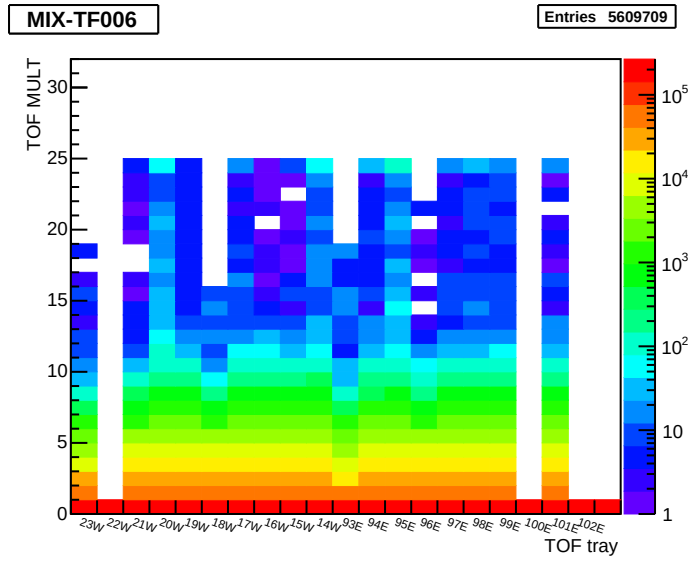

MIX-TF001
Entries 5609709
TOF MULT
TOF tray

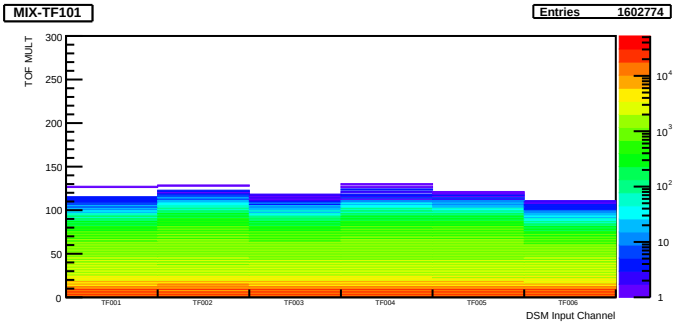

MIX-TF002
Entries 5609709
TOF MULT
TOF tray

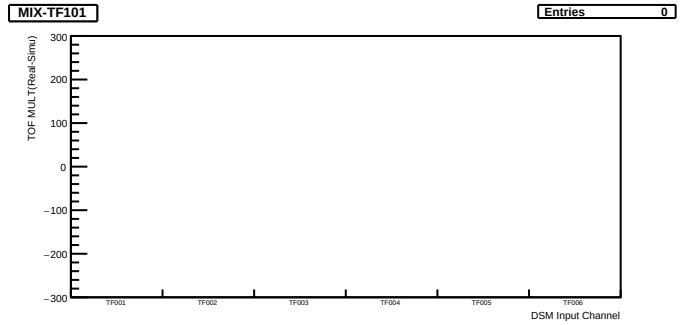

MIX-TF003
Entries 5609709
TOF MULT
TOF tray

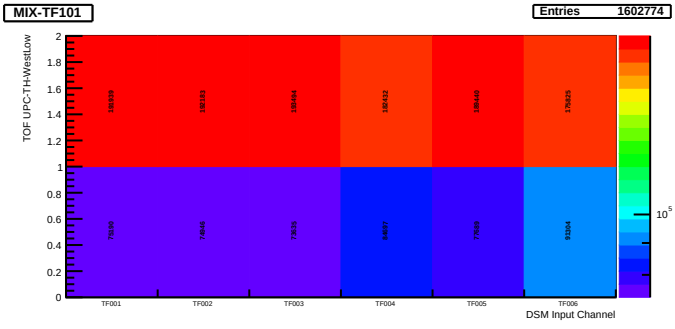

MIX-TF004
Entries 5609709
TOF MULT
TOF tray

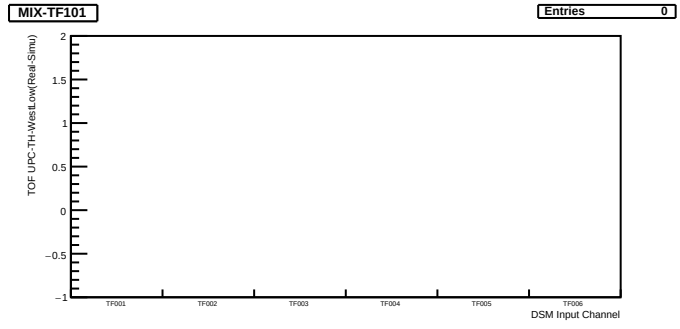

MIX-TF005
Entries 5609709
TOF MULT
TOF tray

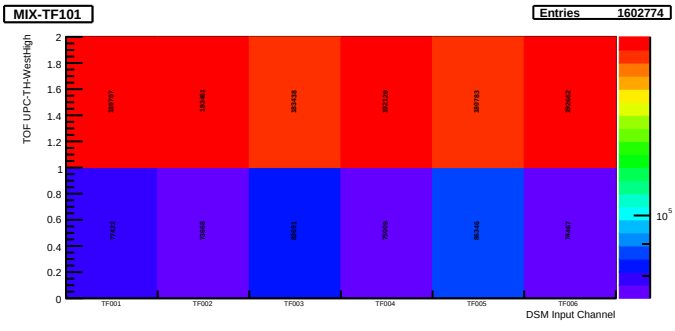

MIX-TF006
Entries 5609709
TOF MULT
TOF tray

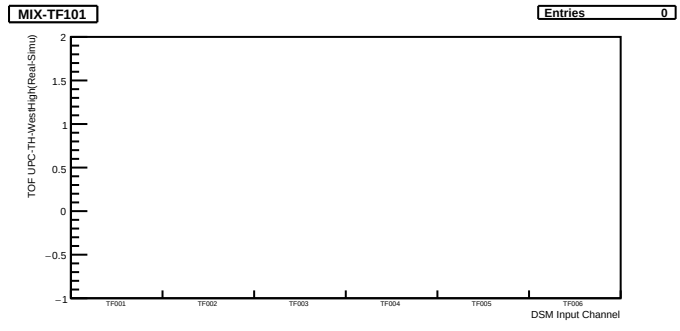

MIX-TF101
Entries 1602774
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

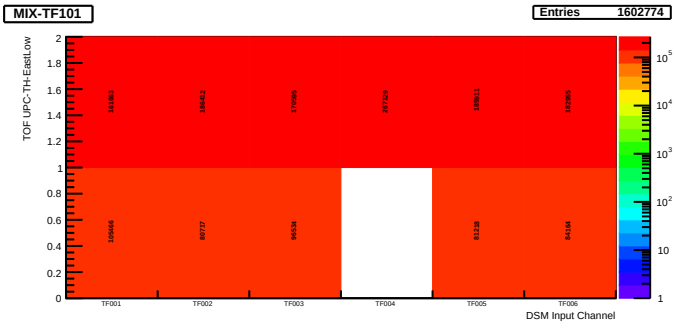

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

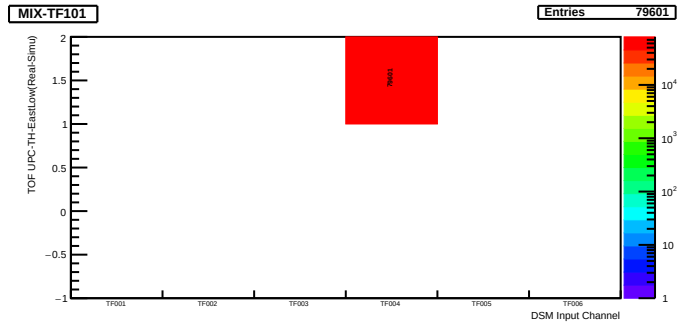

MIX-TF101
Entries 1602774
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

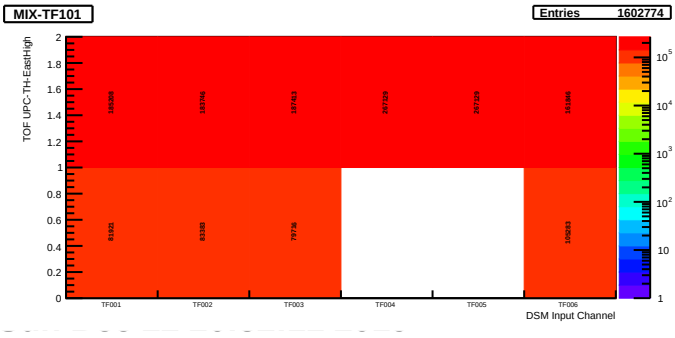

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

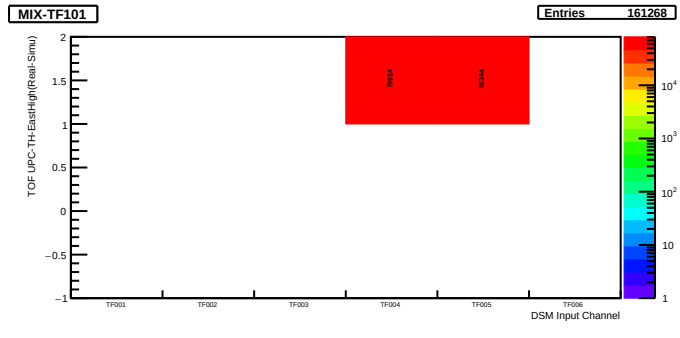

MIX-TF101
Entries 1602774
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

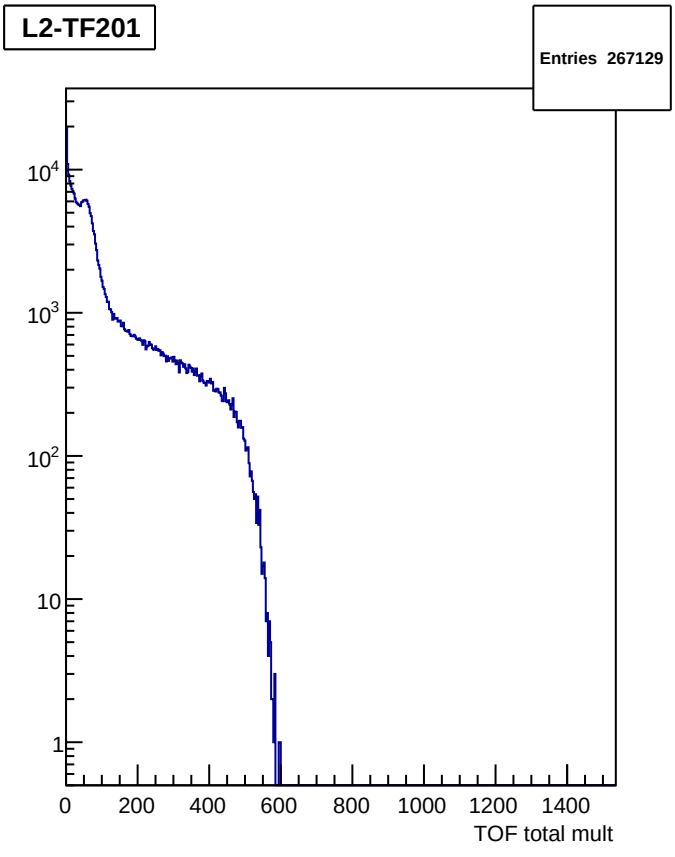

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

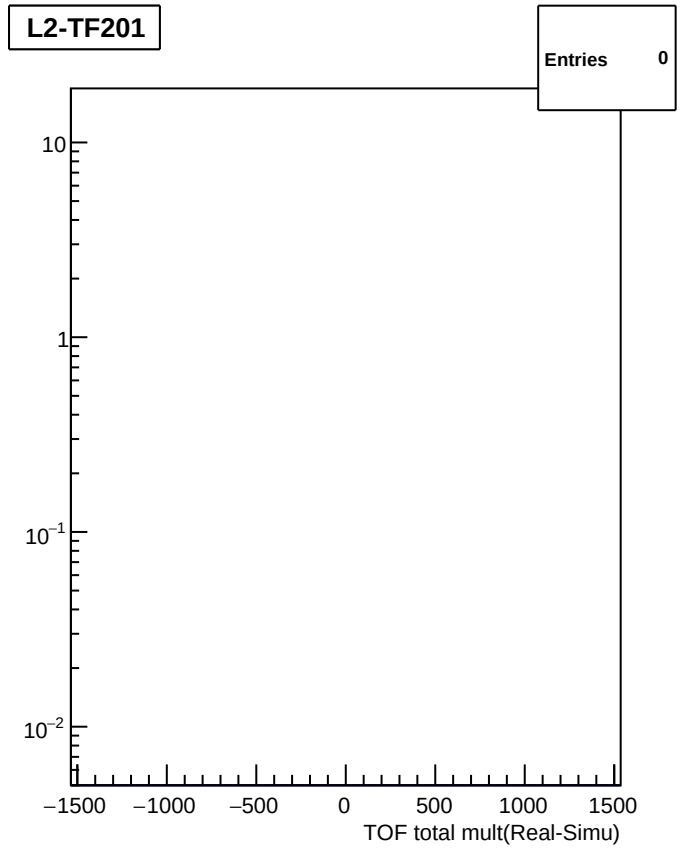

MIX-TF101
Entries 1602774
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

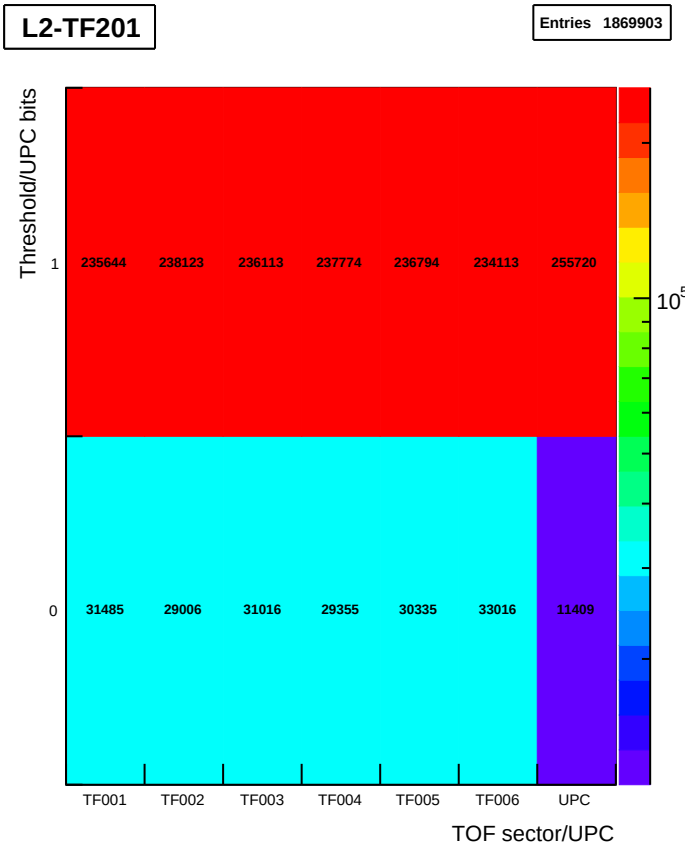

MIX-TF101
Entries 79601
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

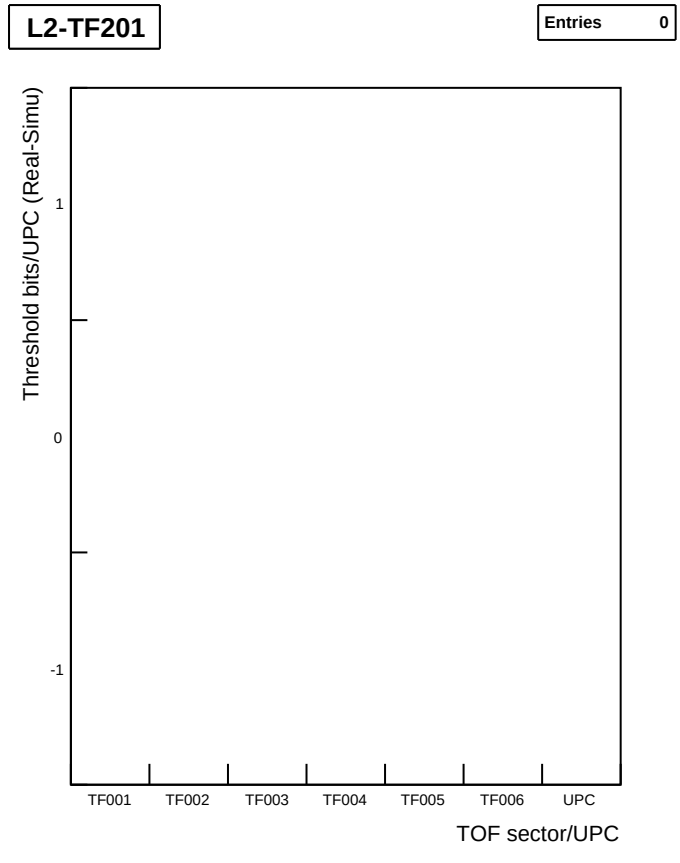

MIX-TF101
Entries 1602774
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

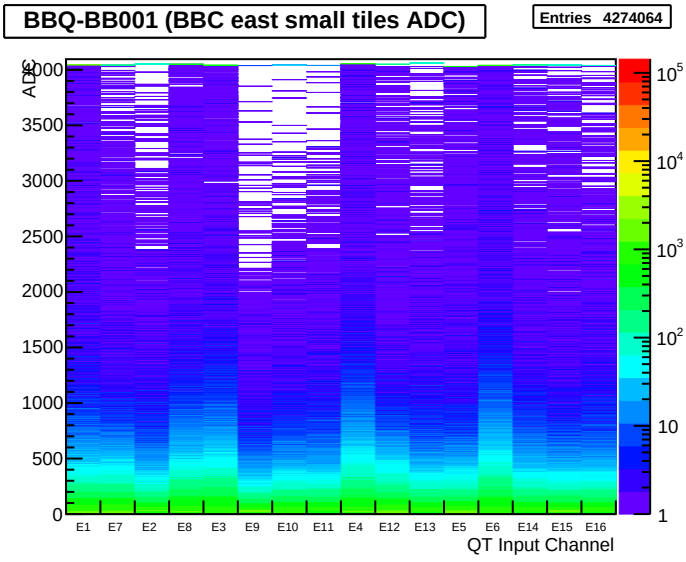

MIX-TF101
Entries 161268
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

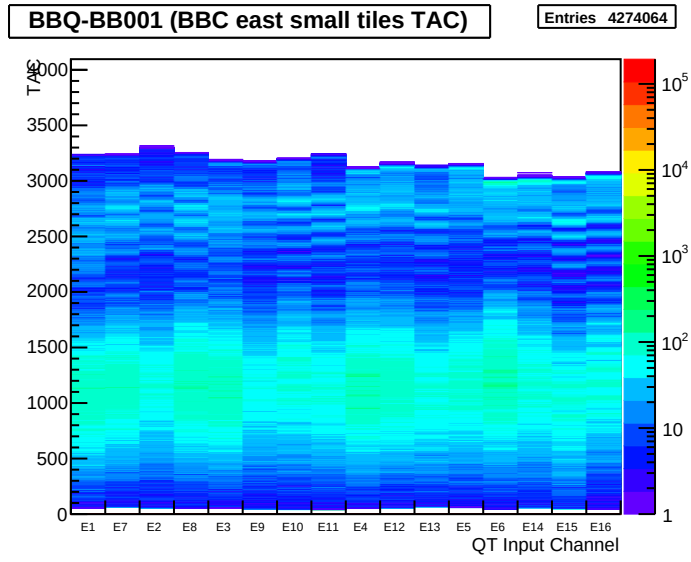

L2-TF201
Entries 267129
TOF total mult

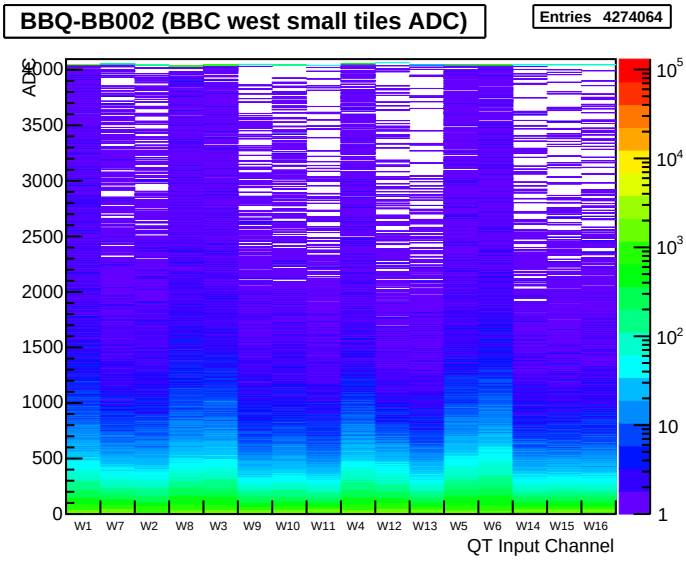

L2-TF201
Entries 0
TOF total mult(Real-Simu)

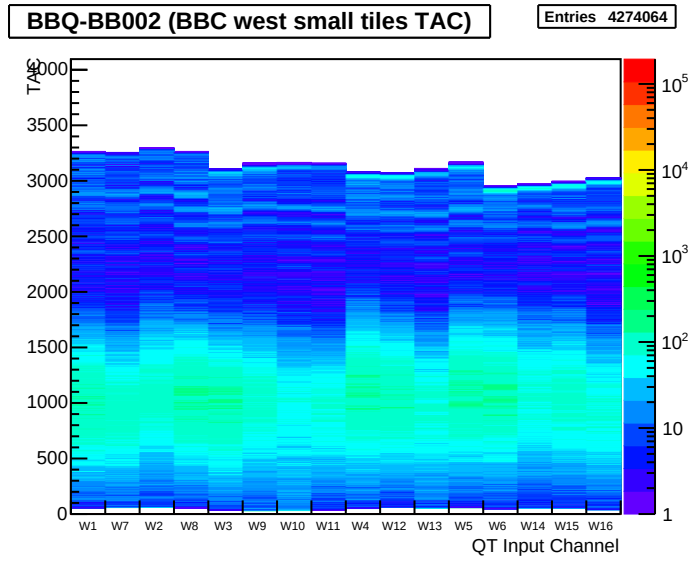

L2-TF201
Entries 1869903
Threshold/UPC bits
235644
238123
236113
237774
236794
234113
255720
31485
29006
31016
29355
30335
33016
11409
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

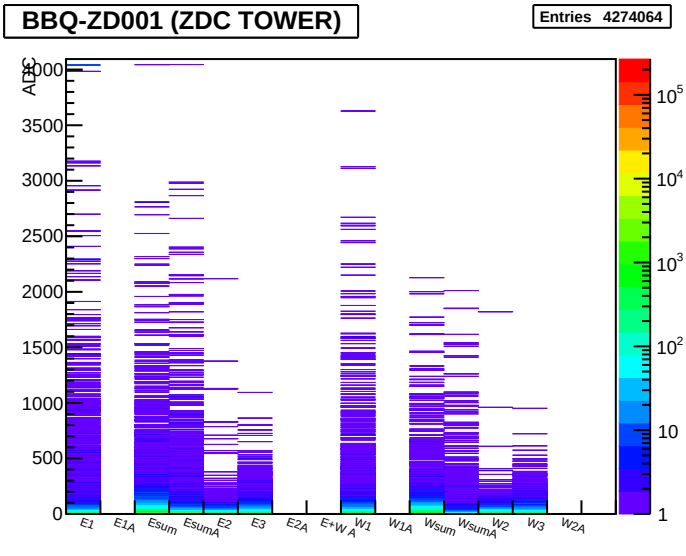

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

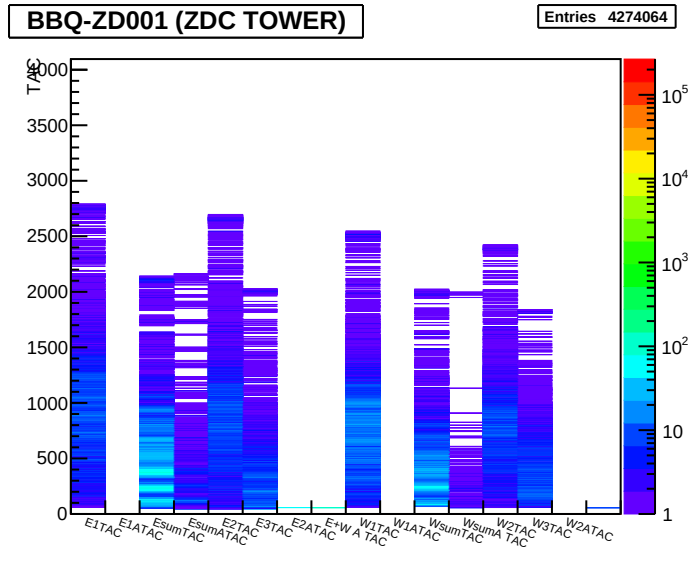

BBQ-BB001 (BBC east small tiles ADC)
Entries 4274064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

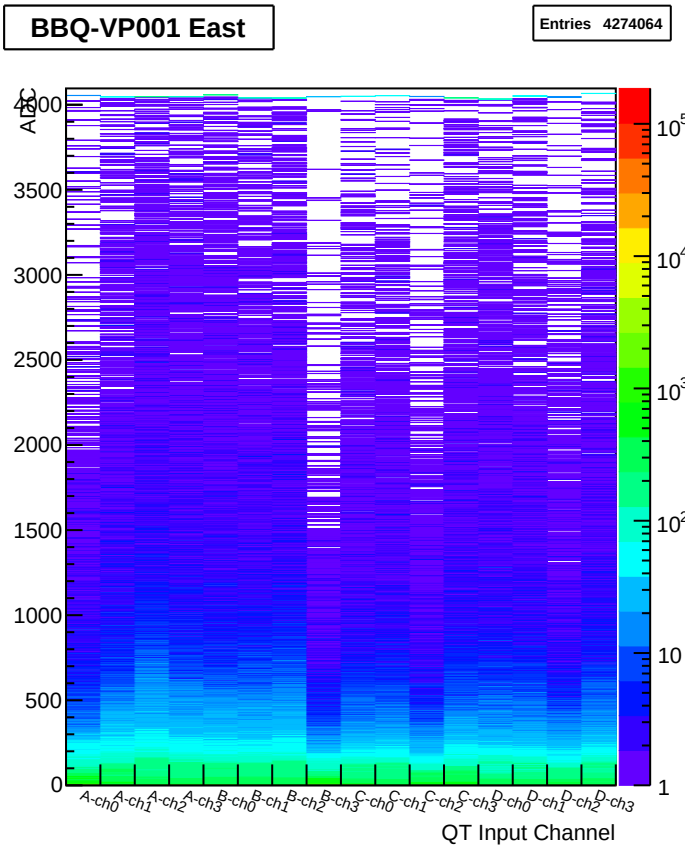

BBQ-BB001 (BBC east small tiles TAC)
Entries 4274064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

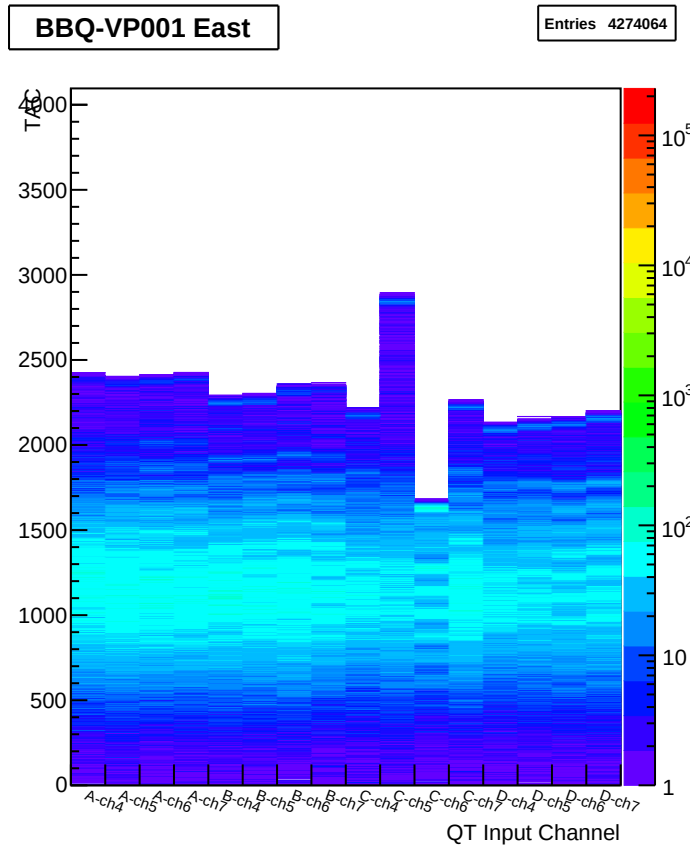

BBQ-BB002 (BBC west small tiles ADC)
Entries 4274064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

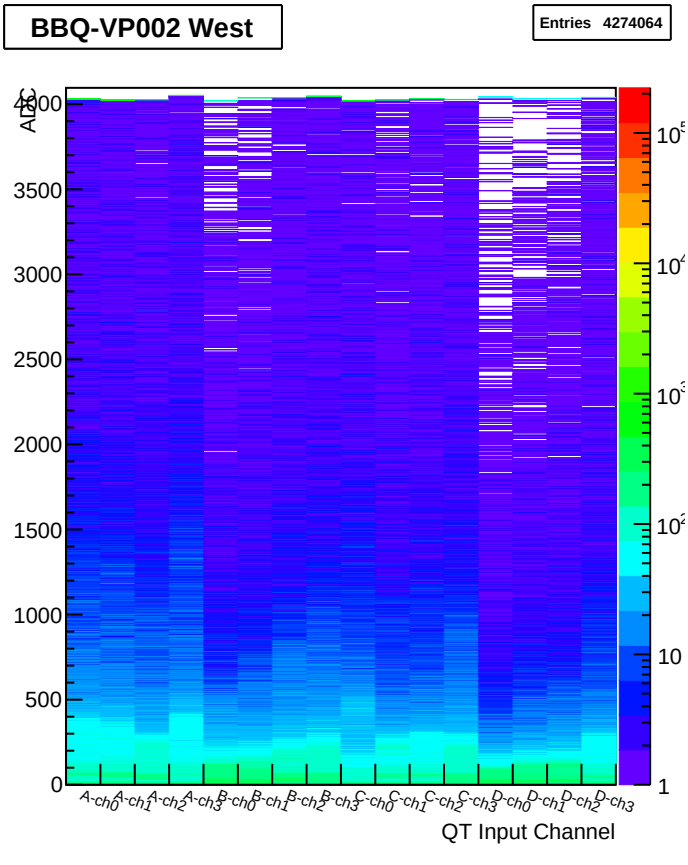

BBQ-BB002 (BBC west small tiles TAC)
Entries 4274064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

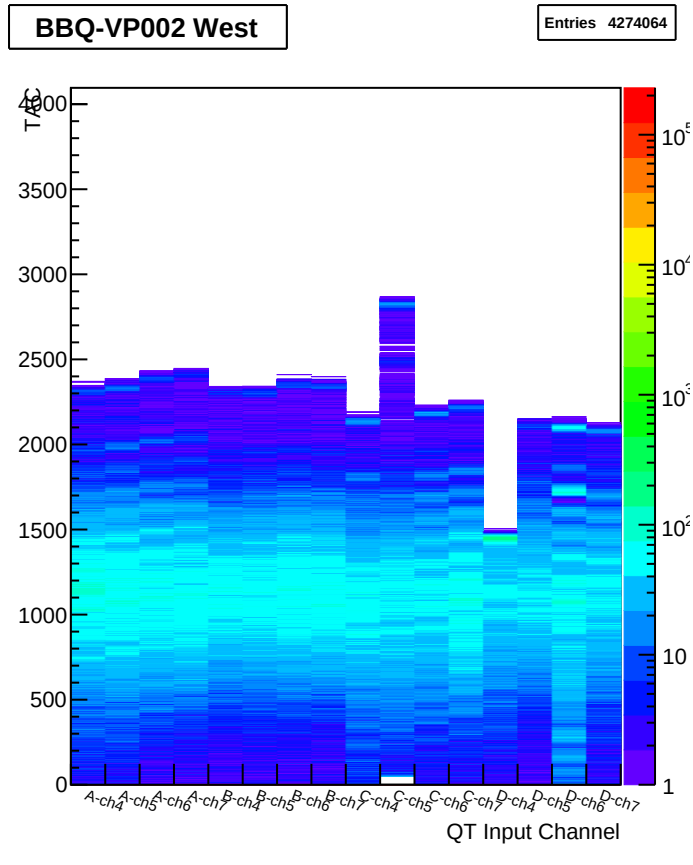

BBQ-ZD001 (ZDC TOWER)
Entries 4274064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

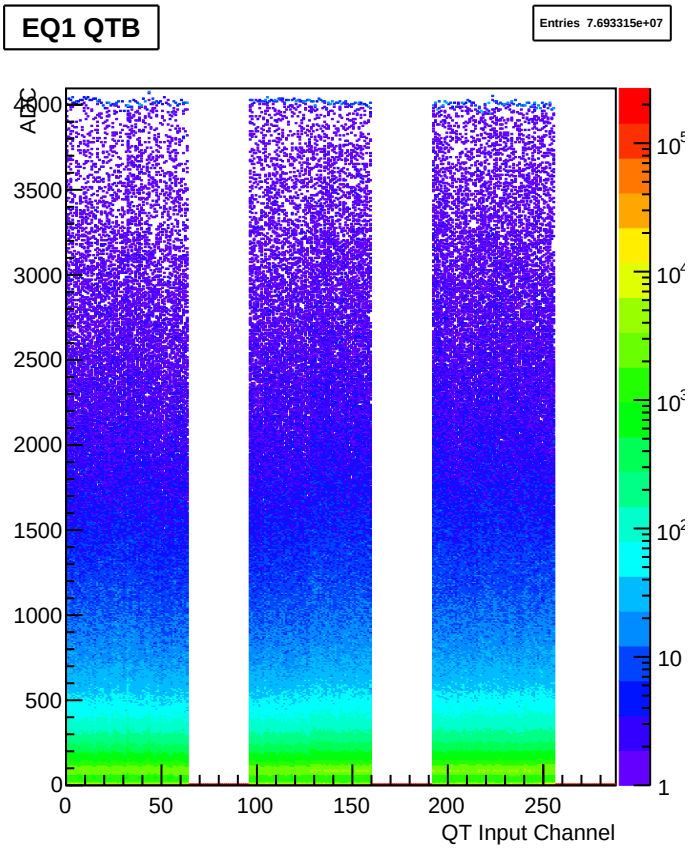

BBQ-ZD001 (ZDC TOWER)
Entries 4274064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

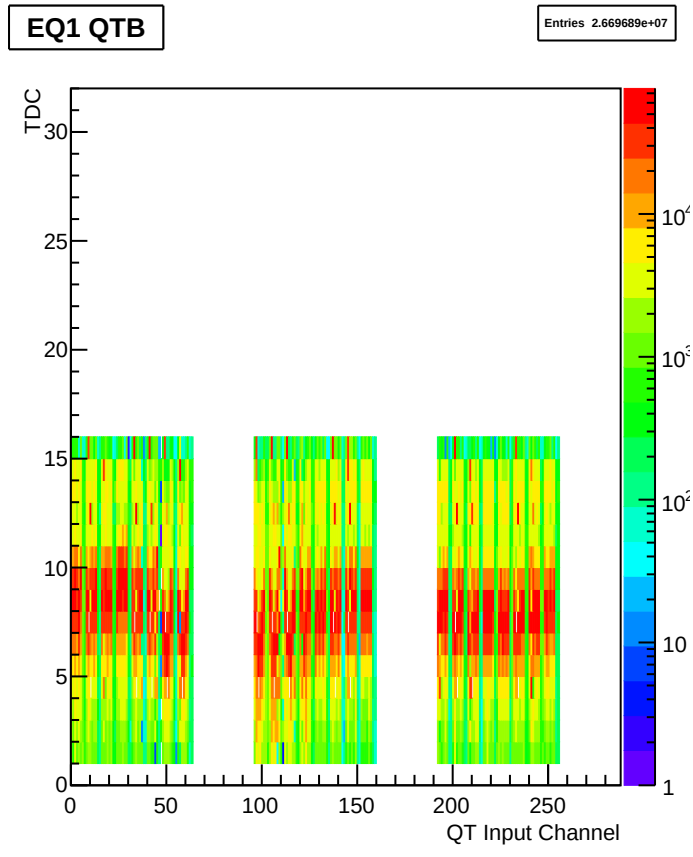

BBQ-VP001 East
Entries 4274064
ADC
QT Input Channel

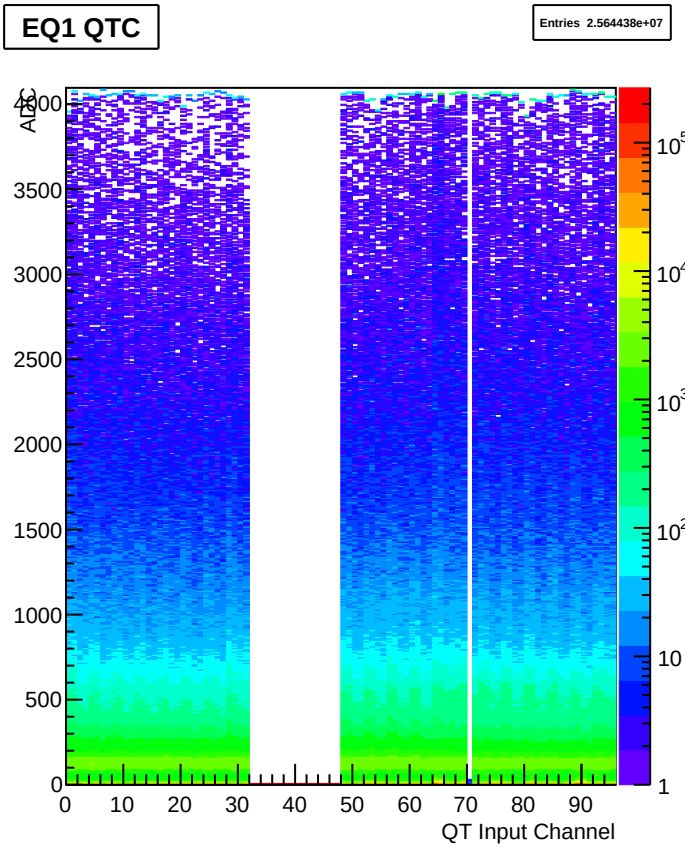

BBQ-VP001 East
Entries 4274064
TADC
QT Input Channel

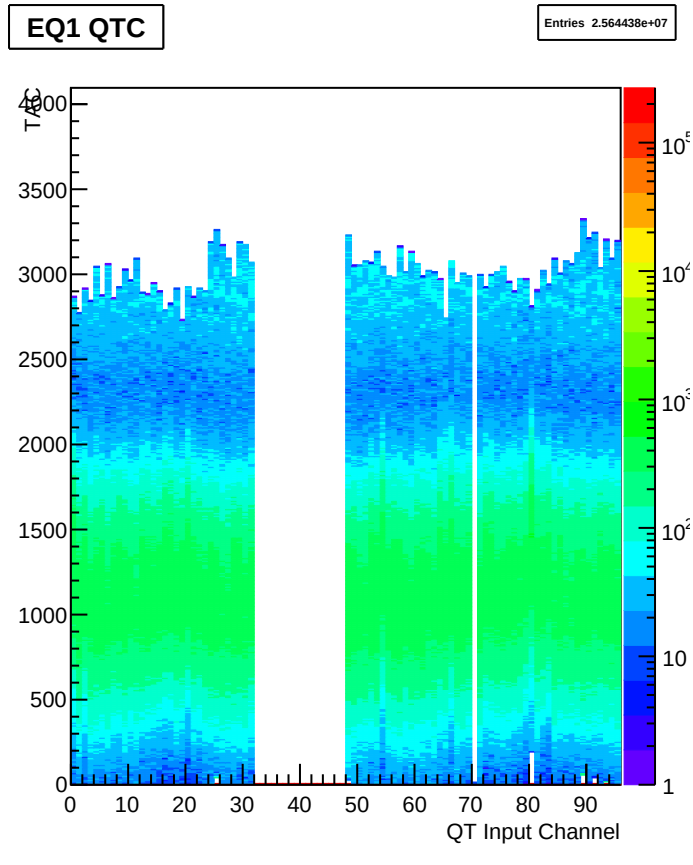

BBQ-VP002 West
Entries 4274064
ADC
QT Input Channel

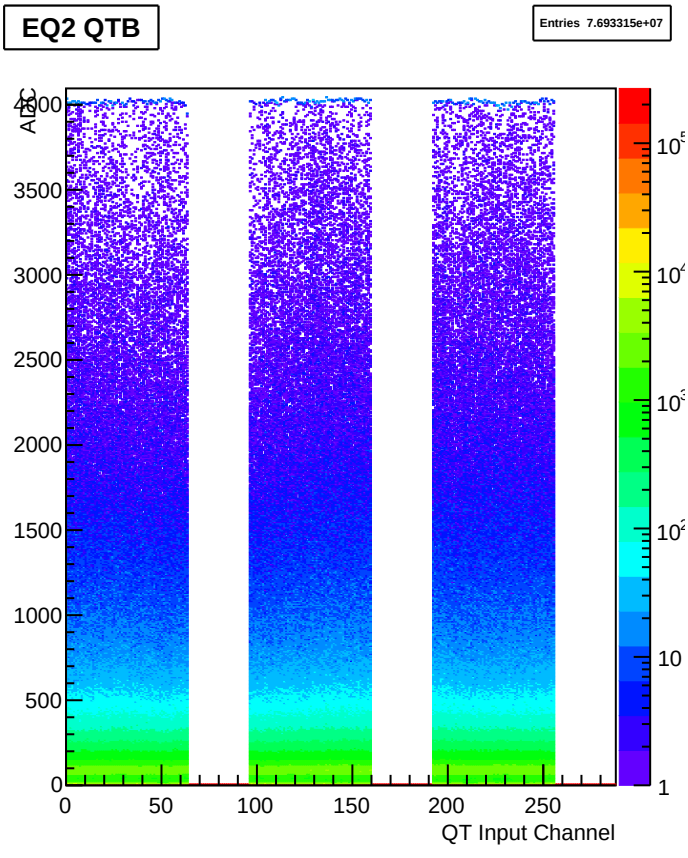

BBQ-VP002 West
Entries 4274064
TADC
QT Input Channel

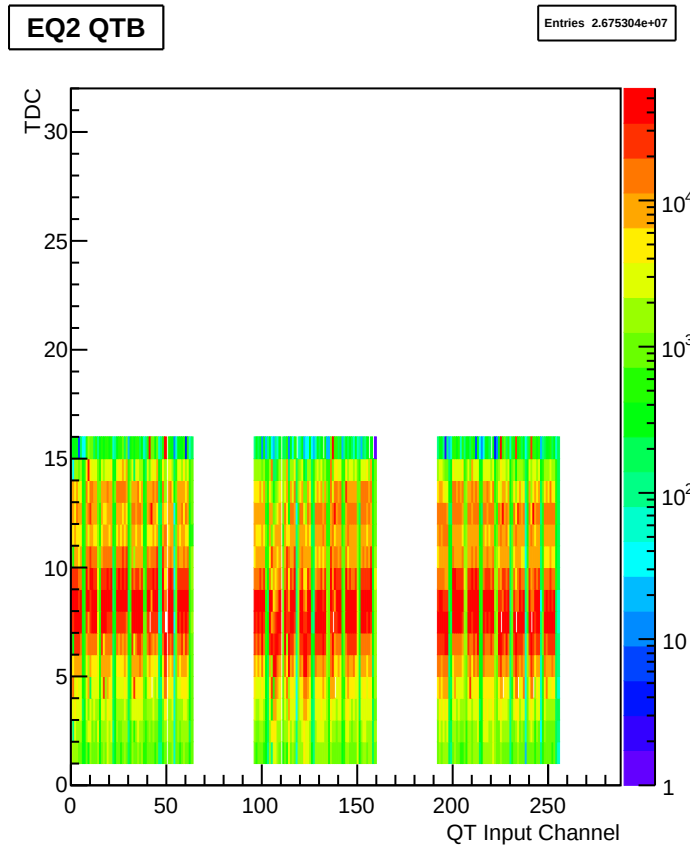

EQ1 QTB
Entries 7.693315e+07
ADC
QT Input Channel

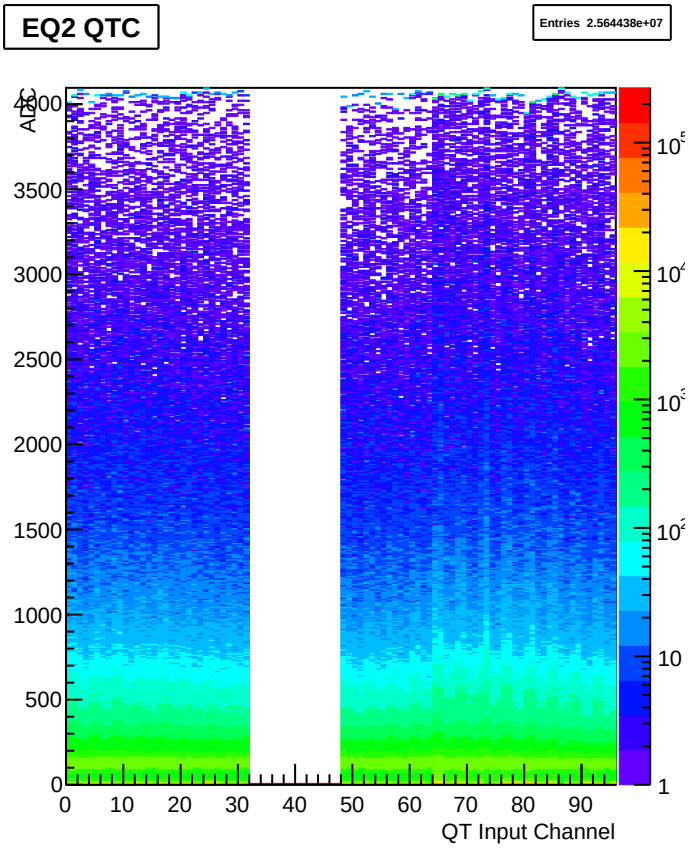

EQ1 QTB
Entries 2.669689e+07
TDC
QT Input Channel

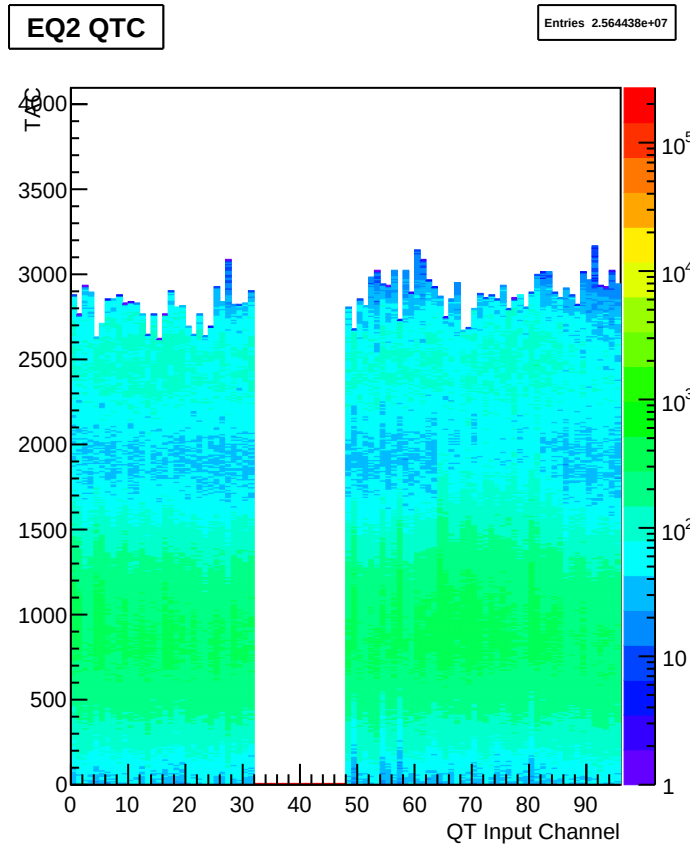

EQ1 QTC
Entries 2.564438e+07
ADC
QT Input Channel

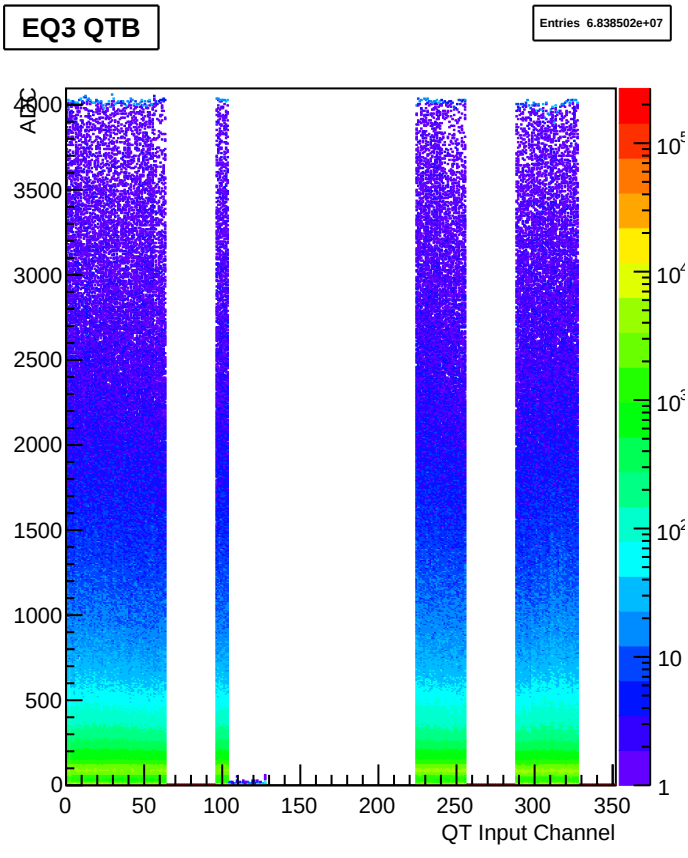

EQ1 QTC
Entries 2.564438e+07
TADC
QT Input Channel

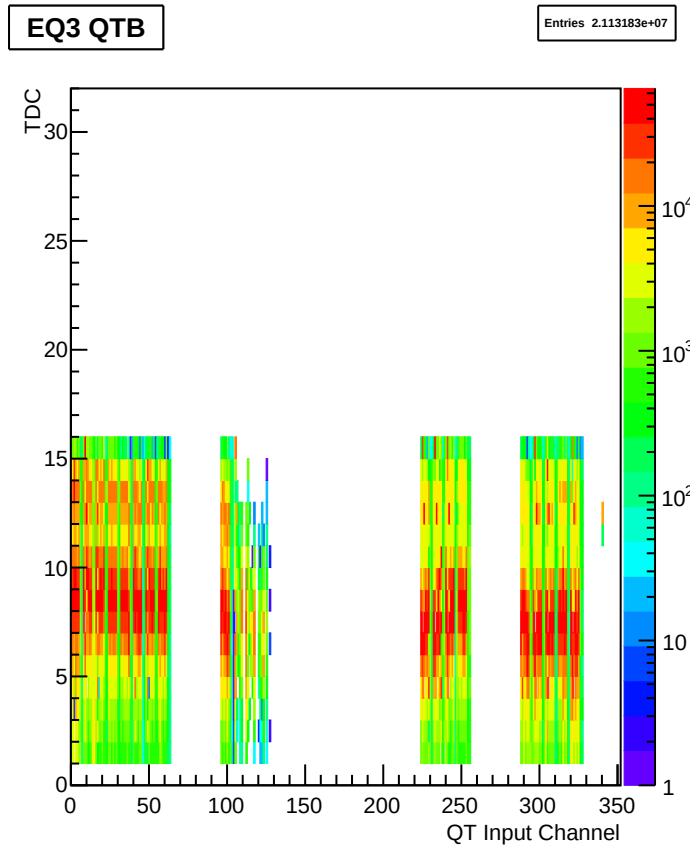

EQ2 QTB
Entries 7.693315e+07
ADC
QT Input Channel

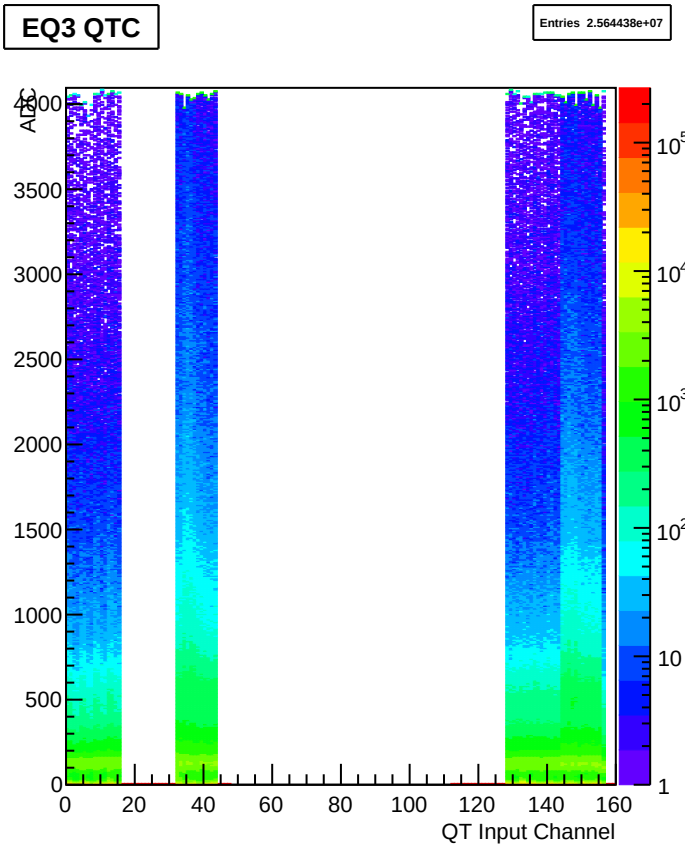

EQ2 QTB
Entries 2.675304e+07
TDC
QT Input Channel

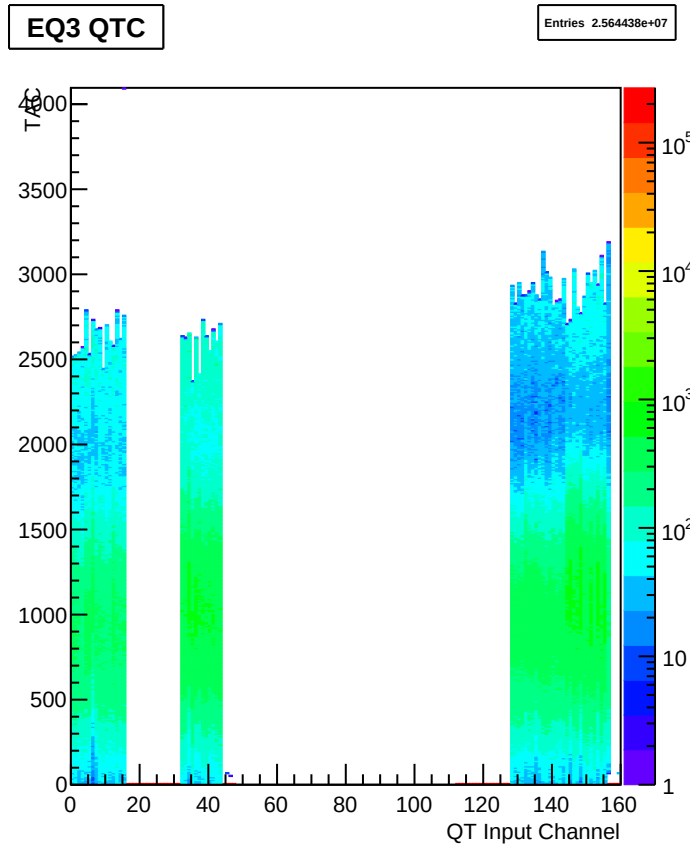

EQ2 QTC
Entries 2.564438e+07
ADC
QT Input Channel

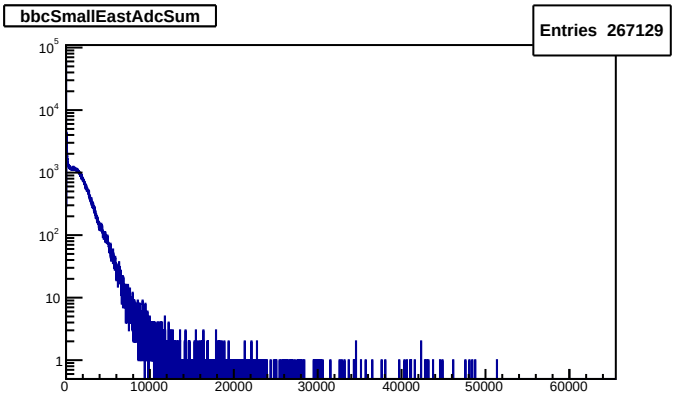

EQ2 QTC
Entries 2.564438e+07
TADC
QT Input Channel

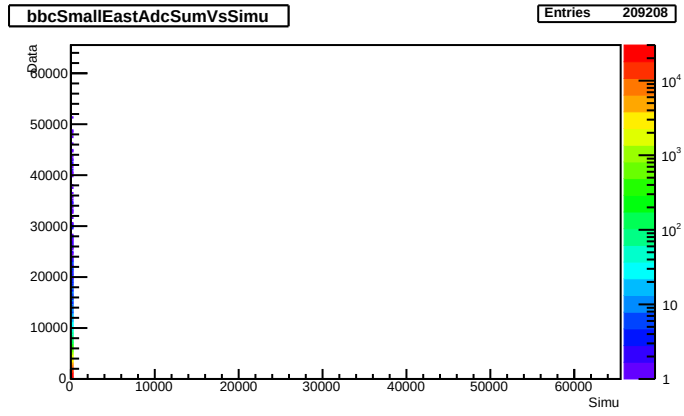

EQ3 QTB
Entries 6.838502e+07
ADC
QT Input Channel

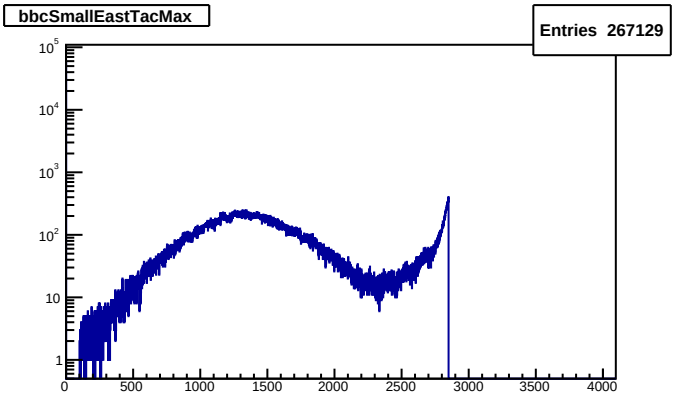

EQ3 QTB
Entries 2.113183e+07
TDC
QT Input Channel

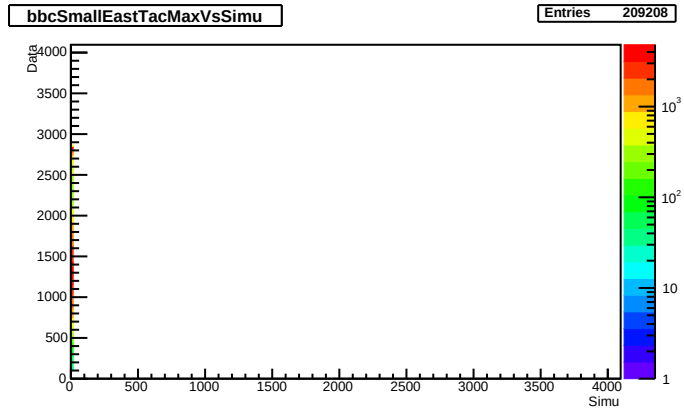

EQ3 QTC
Entries 2.564438e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.564438e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 267129


bbcSmallEastAdcSumVsSimu
Entries 209208
Data
Simu


bbcSmallEastTacMax
Entries 267129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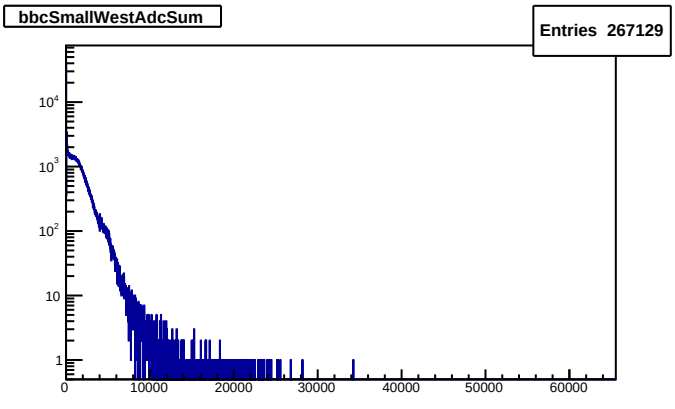
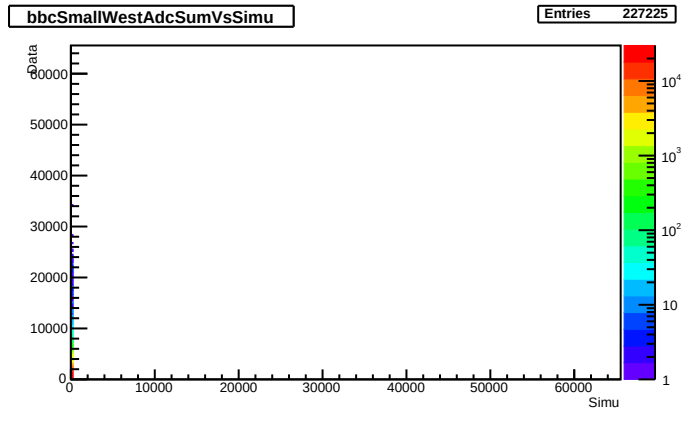
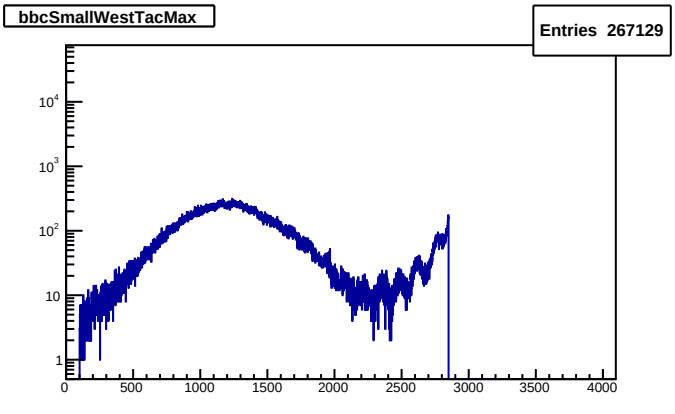
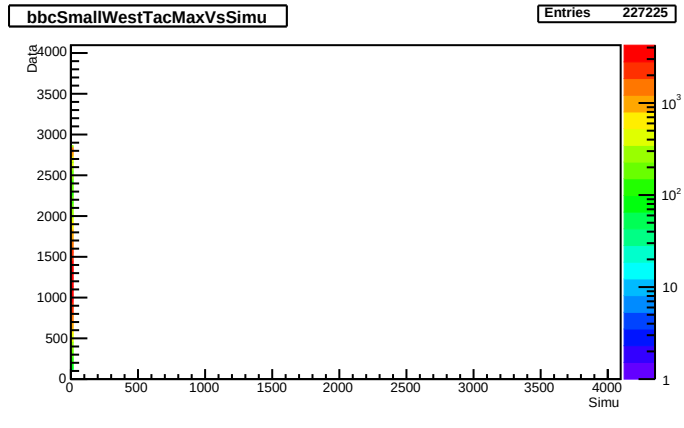
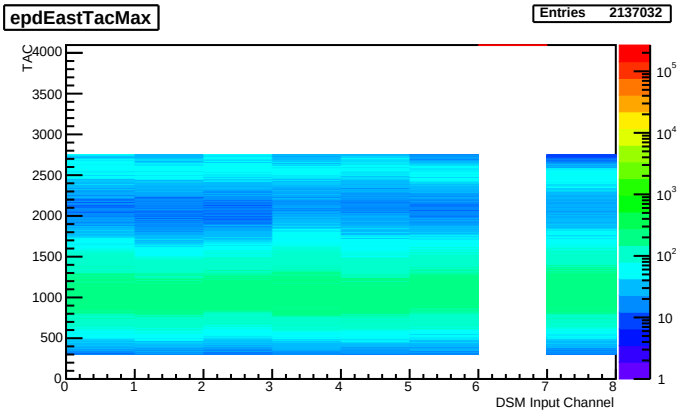
Entries 209208
Data
Simu

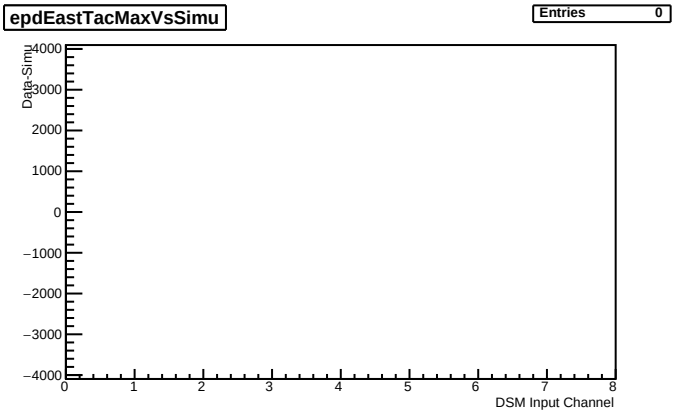

bbcSmallWestAdcSum
Entries 267129

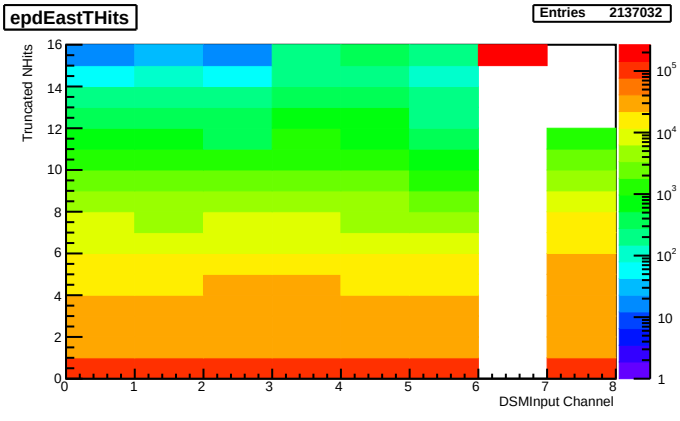

bbcSmallWestAdcSumVsSimu
Entries 227225
Data
Simu

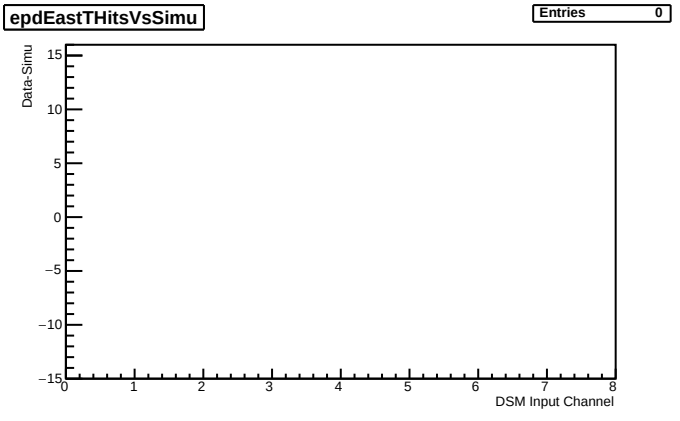

bbcSmallWestTacMax
Entries 267129

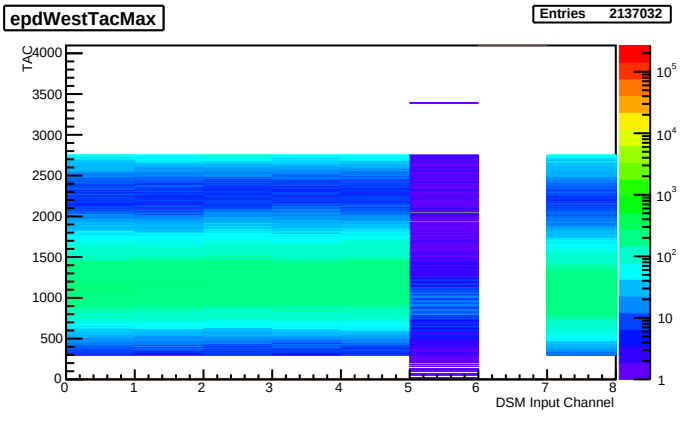

bbcSmallWestTacMaxVsSimu
Entries 227225
Data
Simu

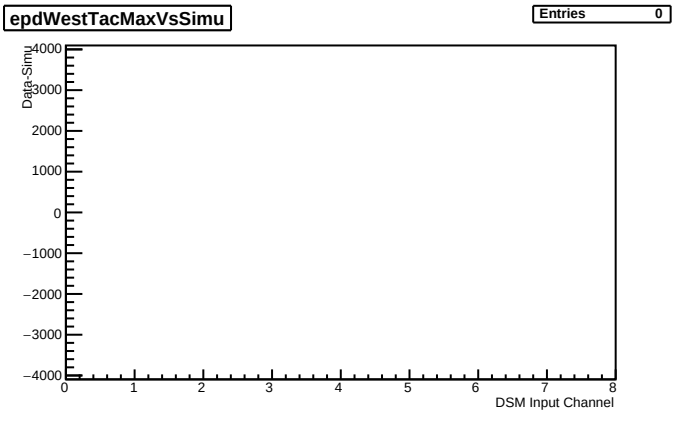

epdEastTacMax
Entries 2137032
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2137032
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2137032
TAC
DSM Input Channel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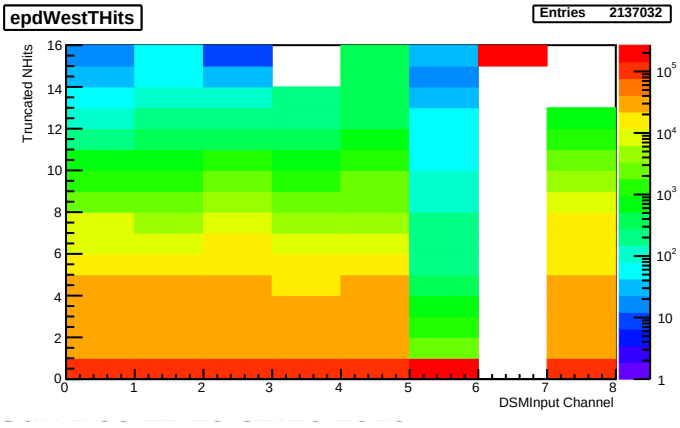
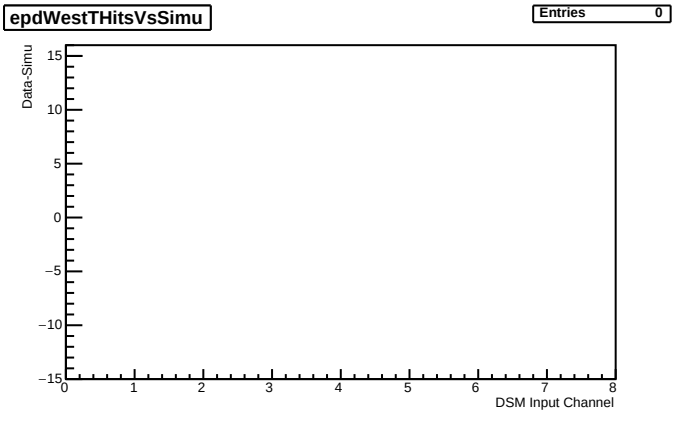
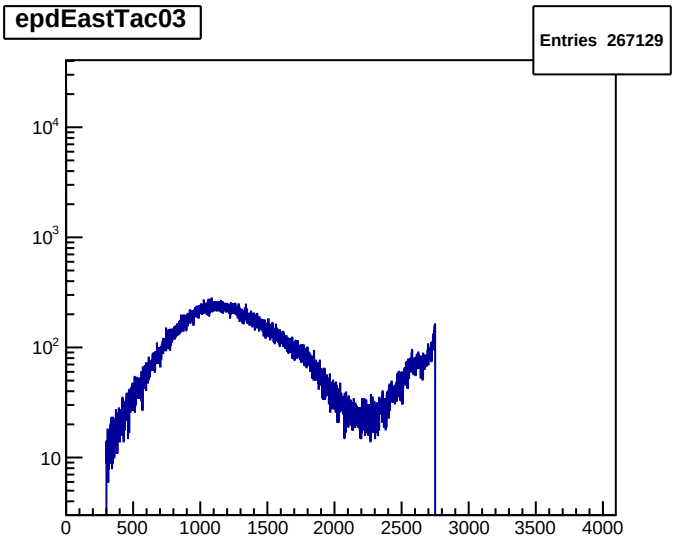
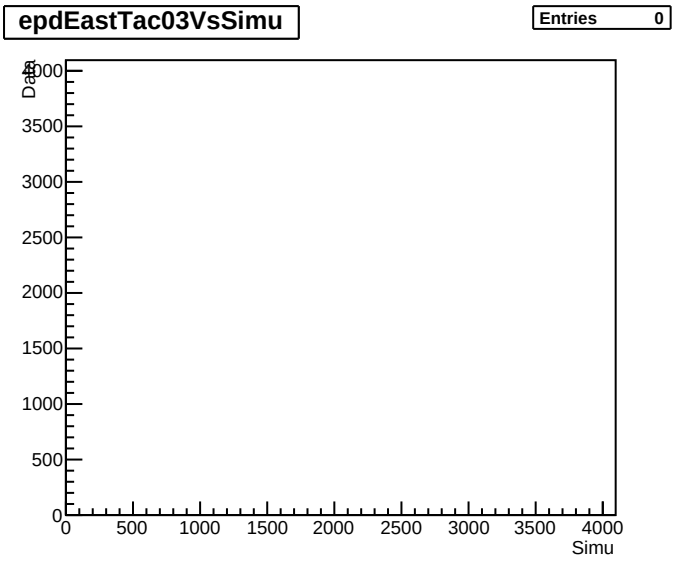
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2137032
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 267129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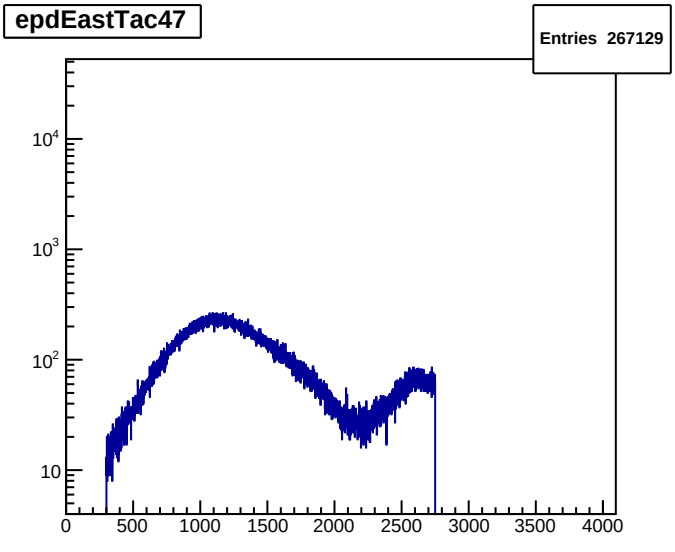
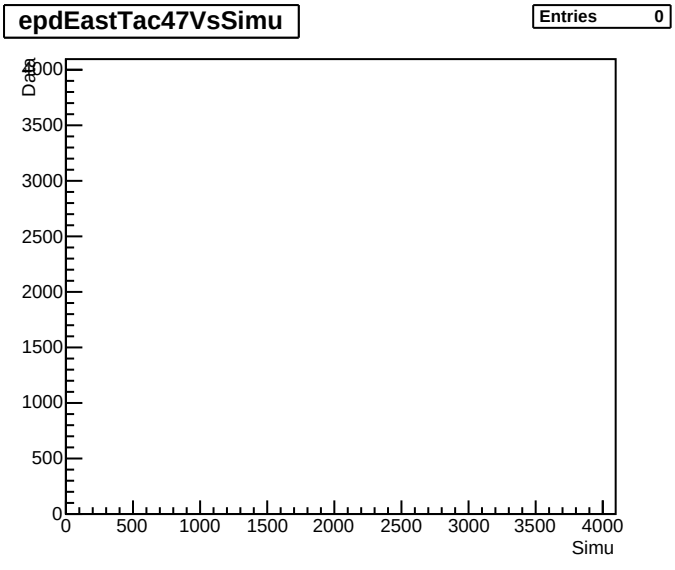
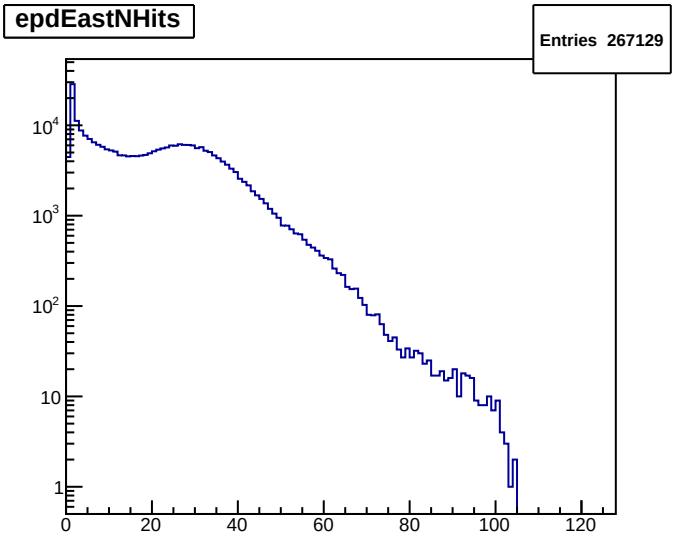
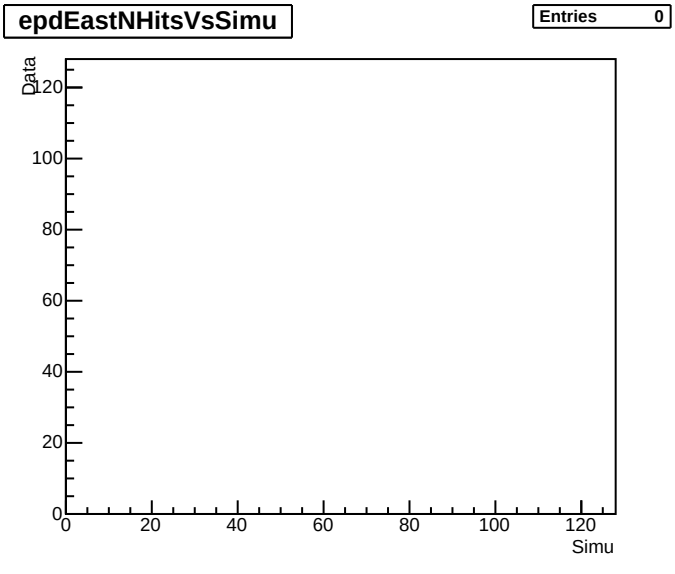
Entries 0
Data
Simu


epdEastTac47
Entries 267129


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 267129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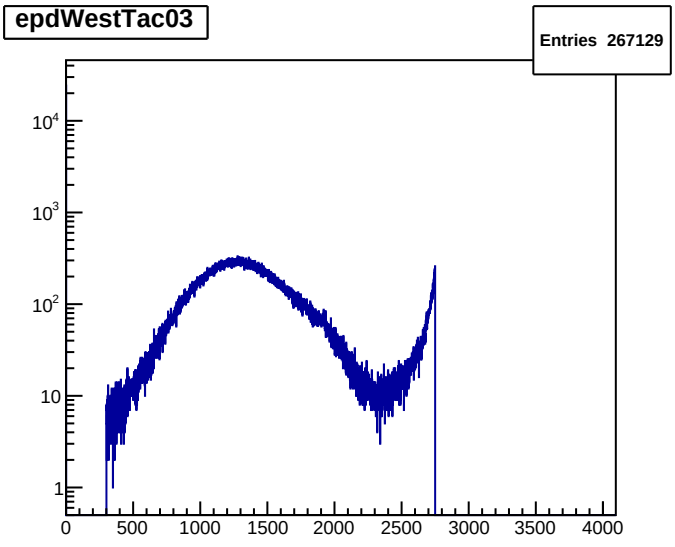
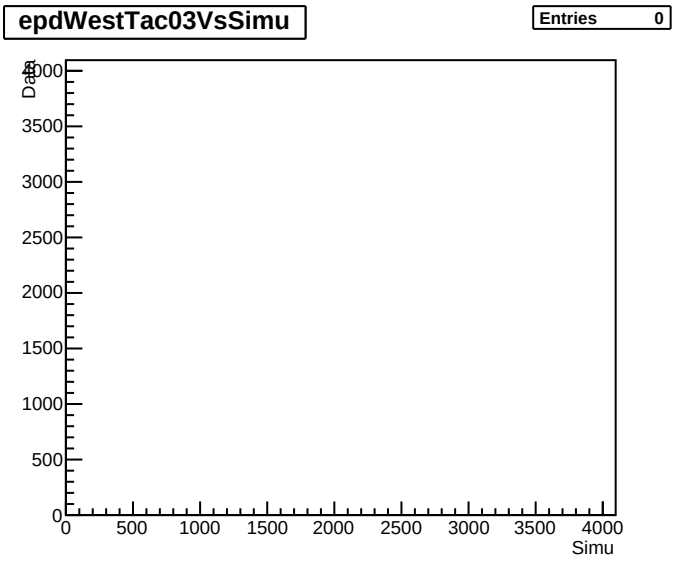
Entries 0
Data
Simu


epdWestTac03
Entries 267129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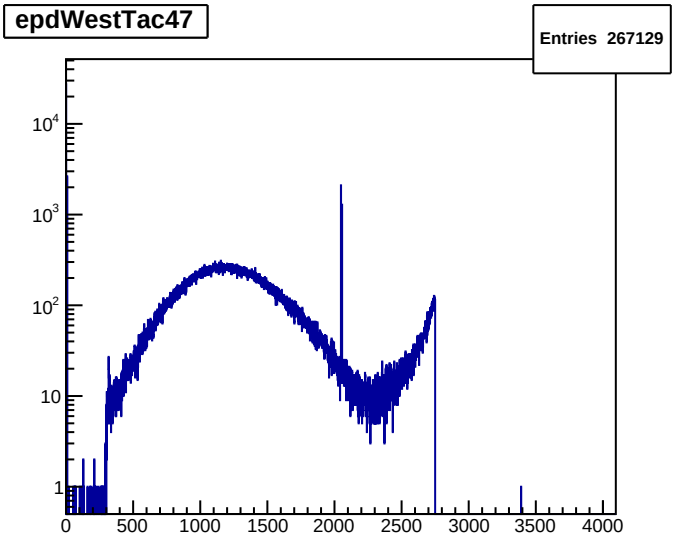
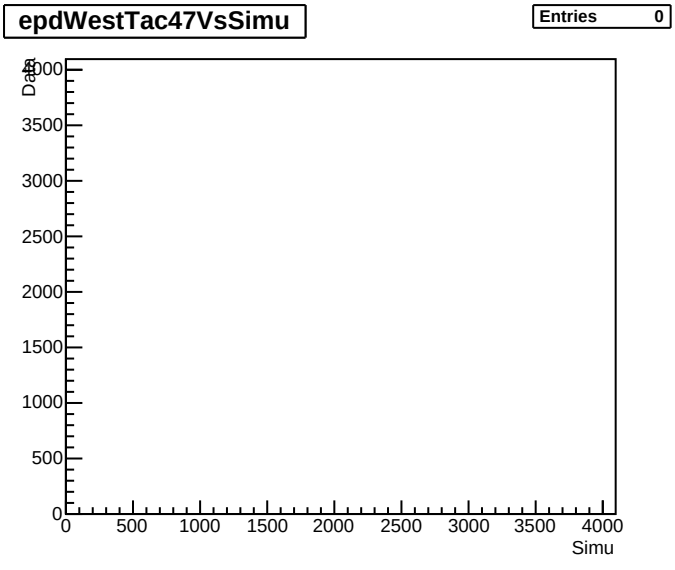
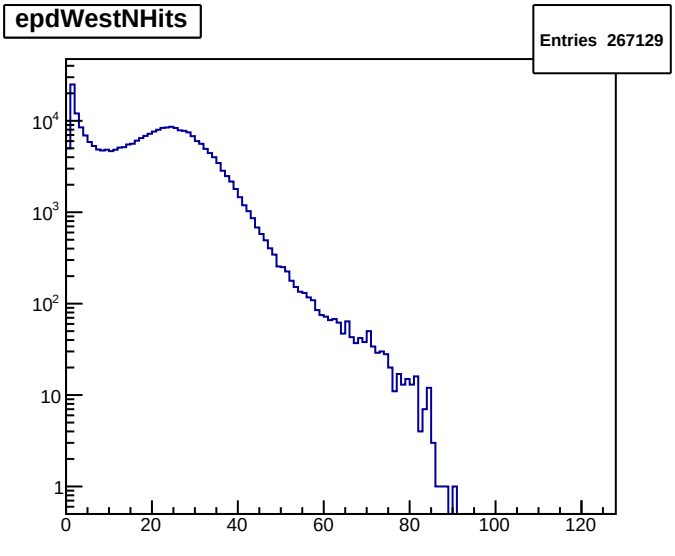
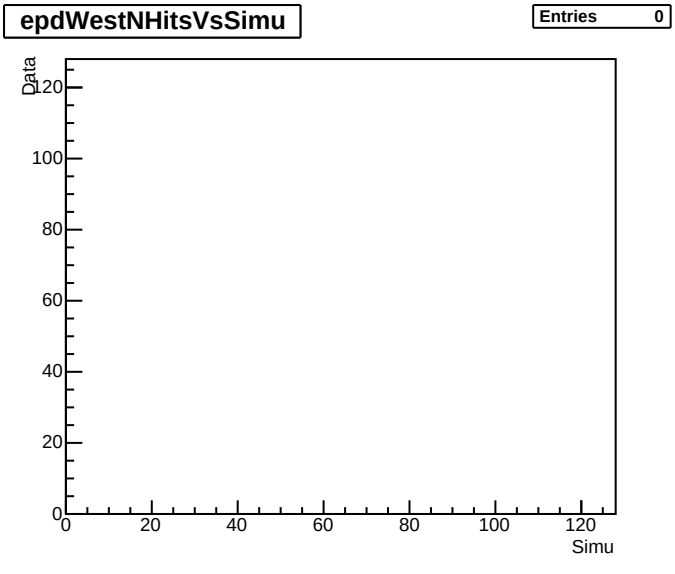
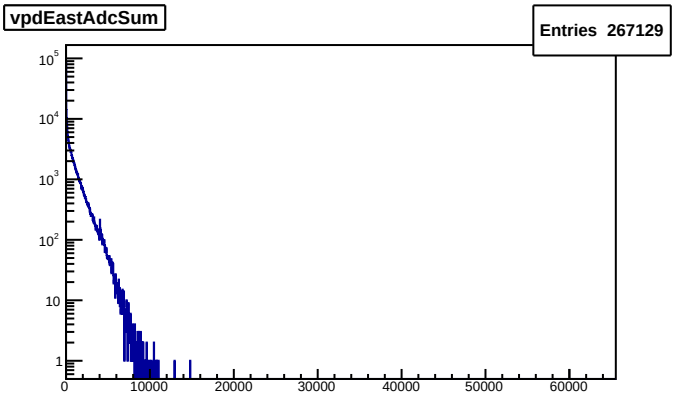
Entries 0
Data
Simu

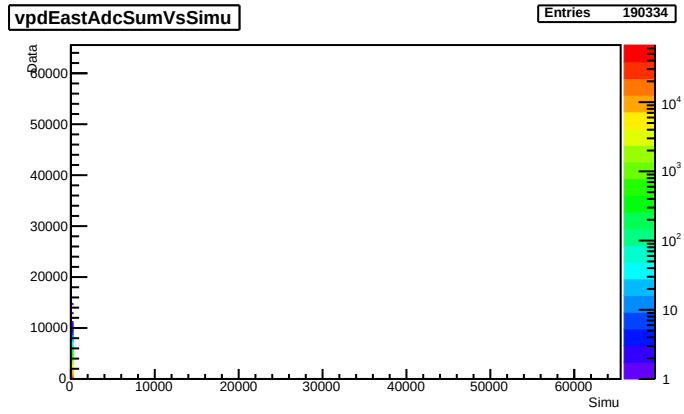

epdWestTac47
Entries 267129

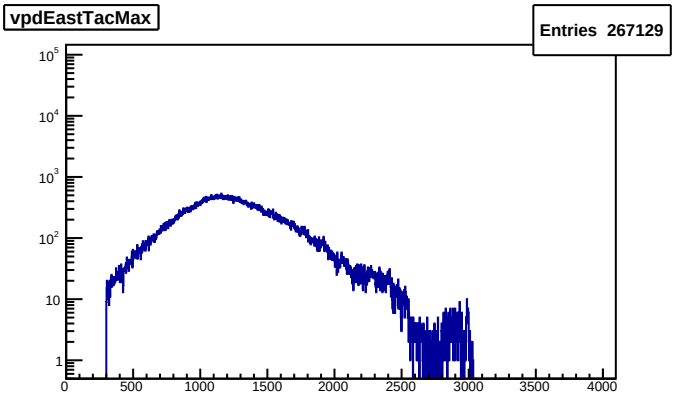

epdWestTac47VsSimu
Entries 0
Data
Simu

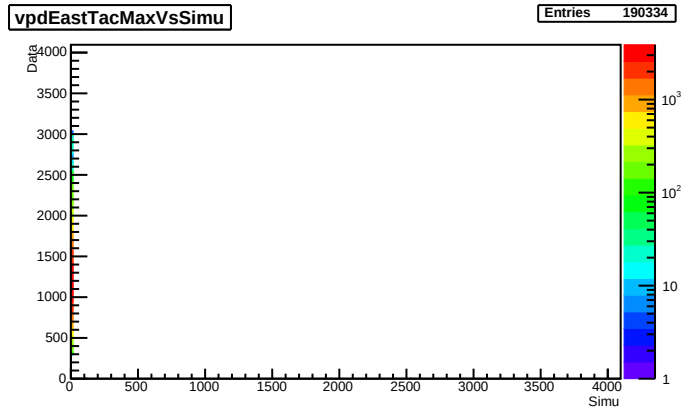

epdWestNHits
Entries 267129

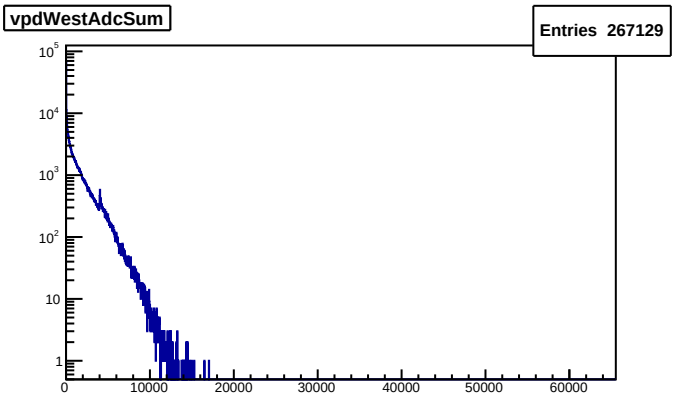

epdWestNHitsVsSimu
Entries 0
Data
Simu

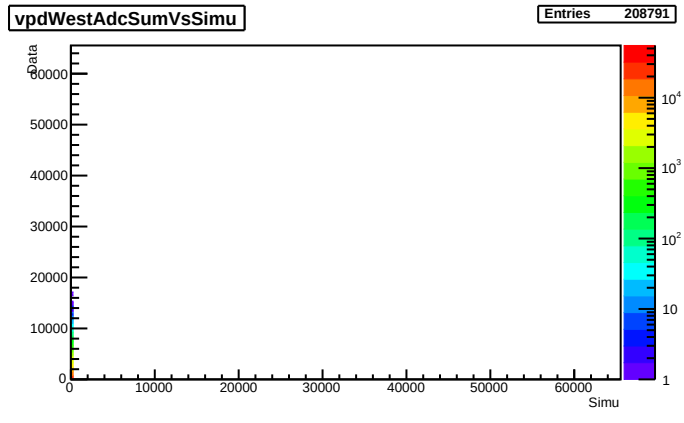

vpdEastAdcSum
Entries 267129

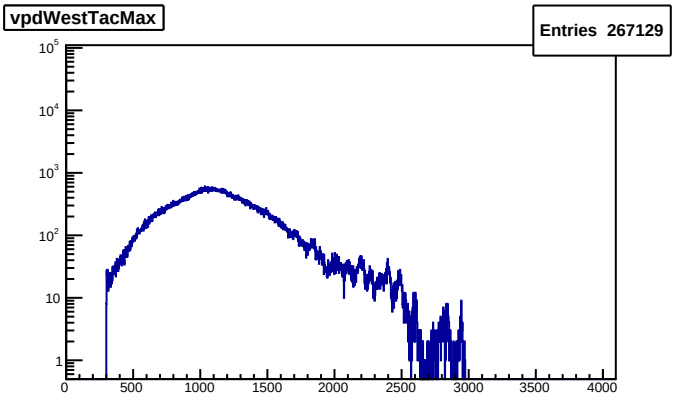

vpdEastAdcSumVsSimu
Entries 190334
Data
Simu

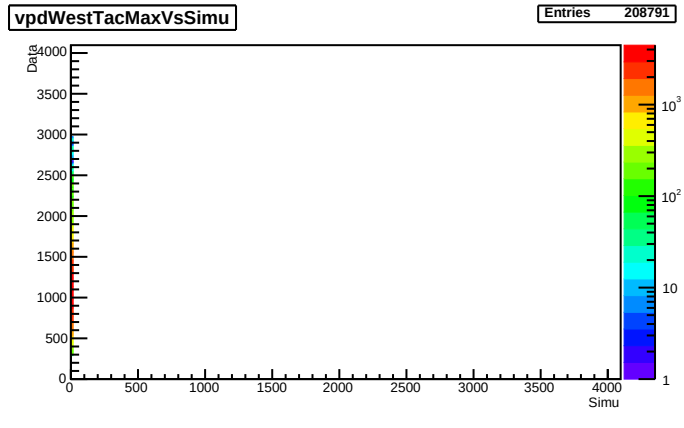

vpdEastTacMax
Entries 267129

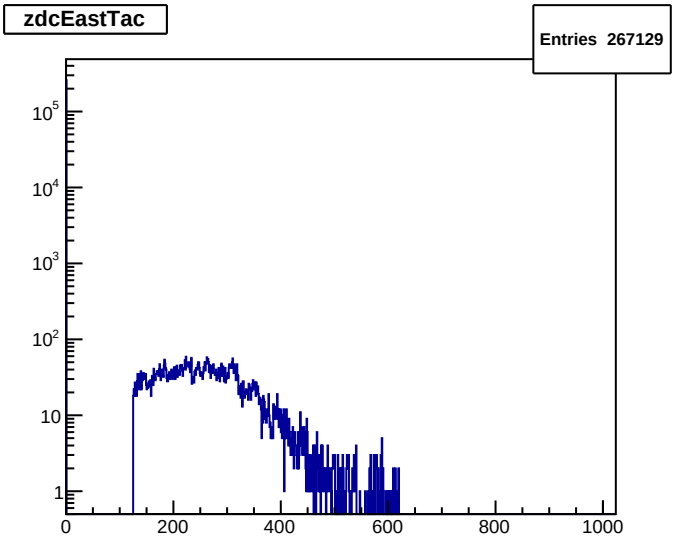

vpdEastTacMaxVsSimu
Entries 190334
Data
Simu

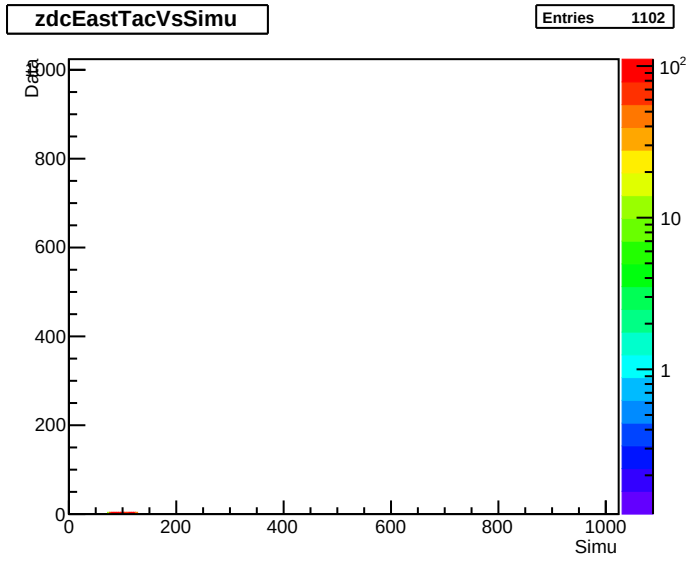

vpdWestAdcSum
Entries 267129

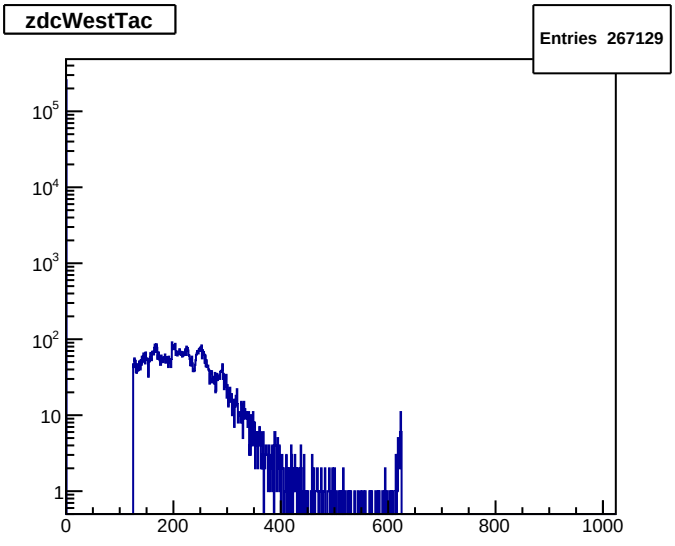

vpdWestAdcSumVsSimu
Entries 208791
Data
Simu

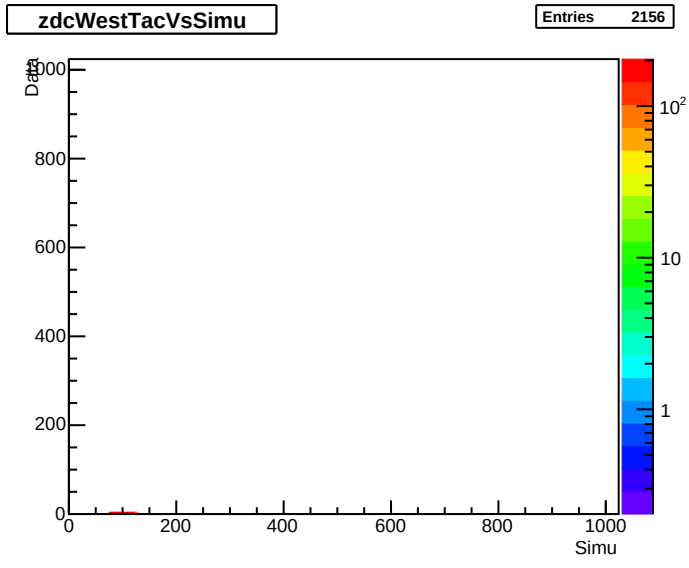

vpdWestTacMax
Entries 267129

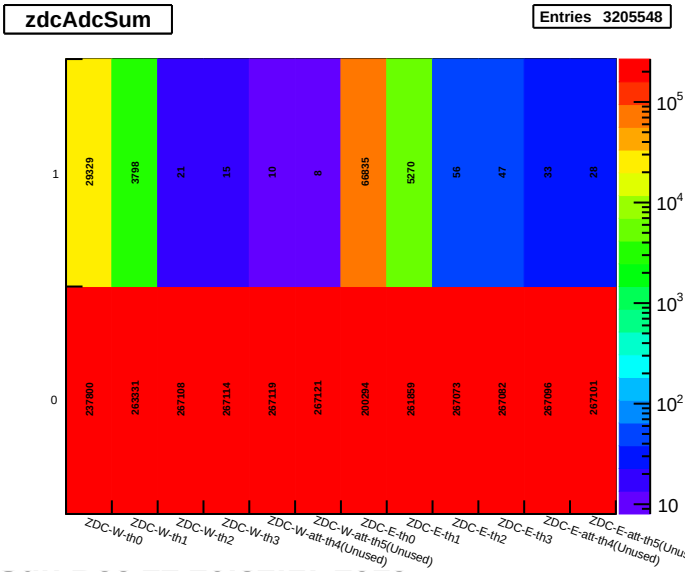

vpdWestTacMaxVsSimu
Entries 208791
Data
Simu

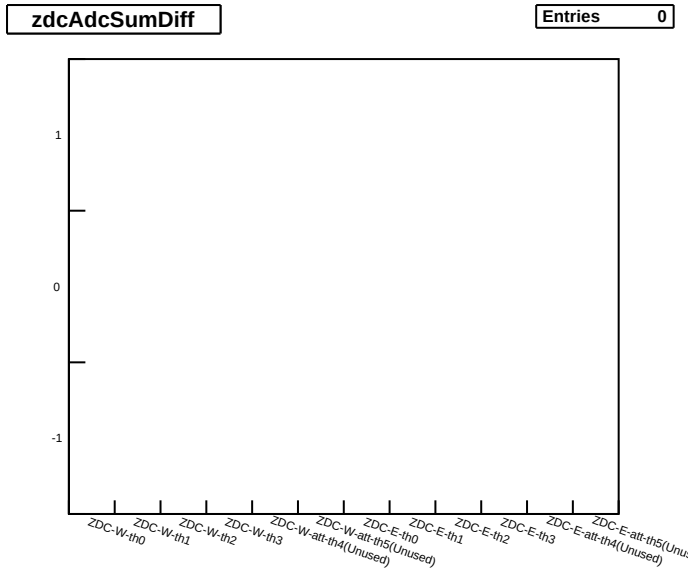

zdcEastTac
Entries 267129

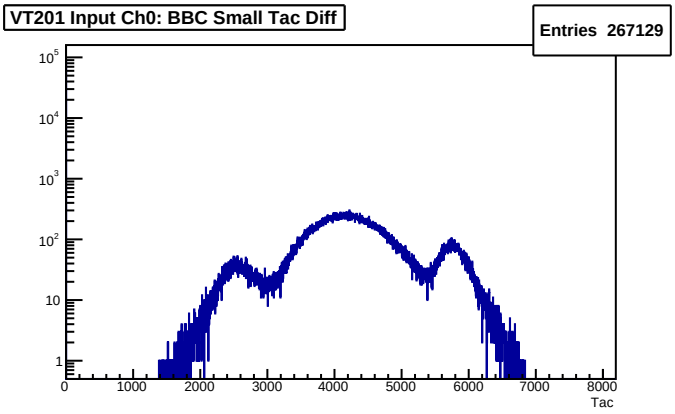

zdcEastTacVsSimu
Entries 1102
Data
Simu

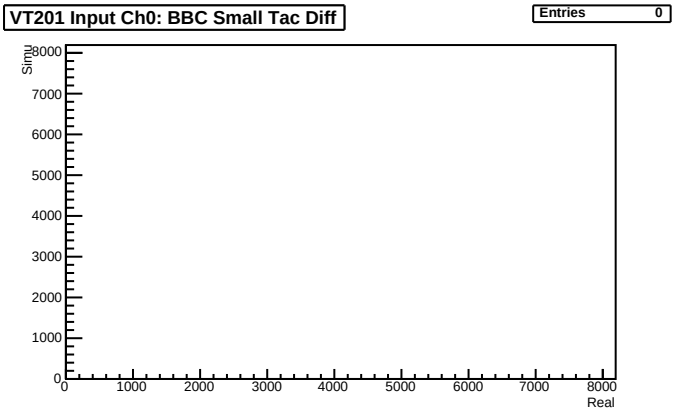

zdcWestTac
Entries 267129

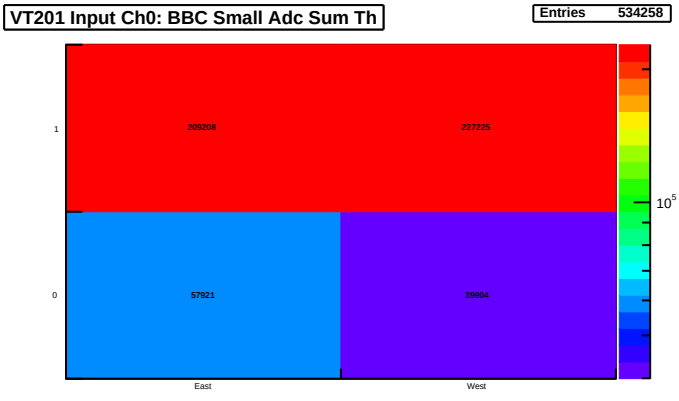

zdcWestTacVsSimu
Entries 2156
Data
Simu

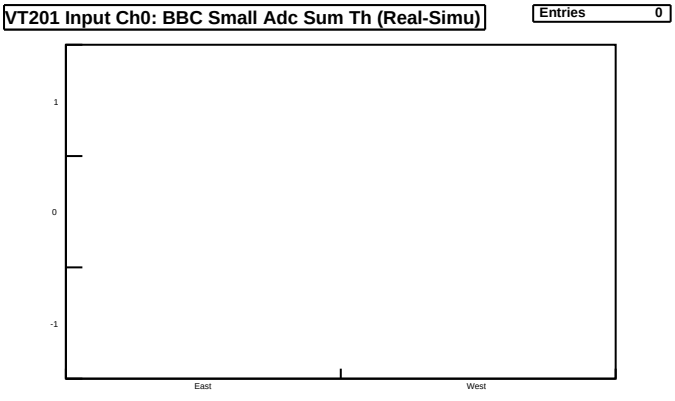

zdcAdcSum
Entries 3205548
29329
3798
21
15
10
8
66835
5270
56
47
33
28
237800
263331
267108
267114
267119
267121
200294
261889
267073
267082
267096
267101
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

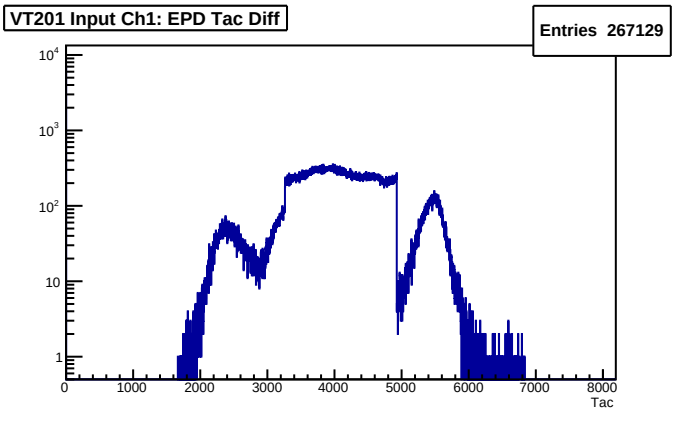

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

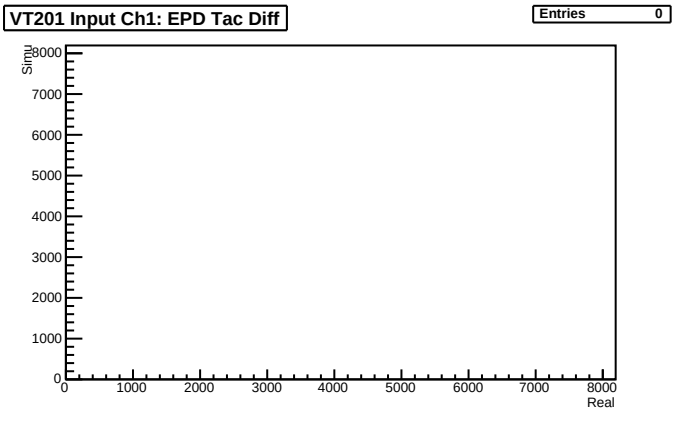

VT201 Input Ch0: BBC Small Tac Diff
Entries 267129
Tac

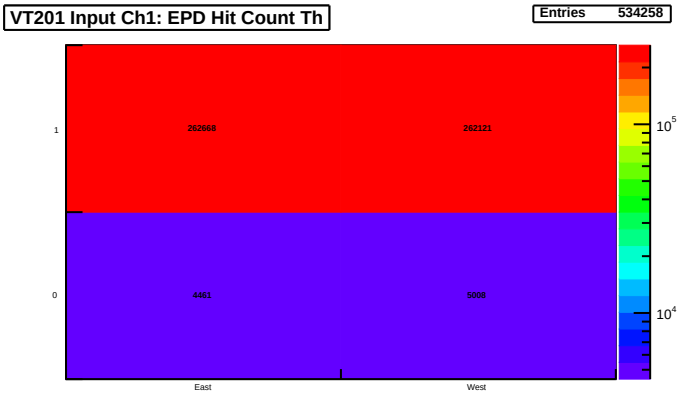

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

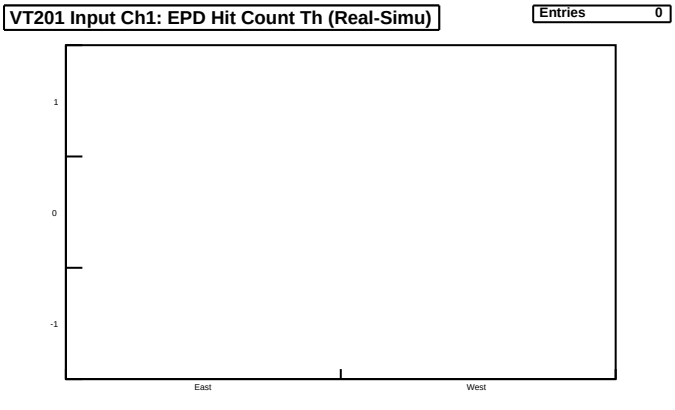

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 534258
209208
227225
57921
39904
East
West

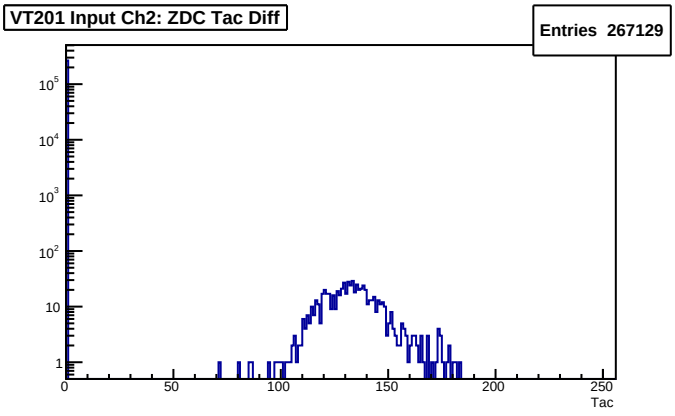

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

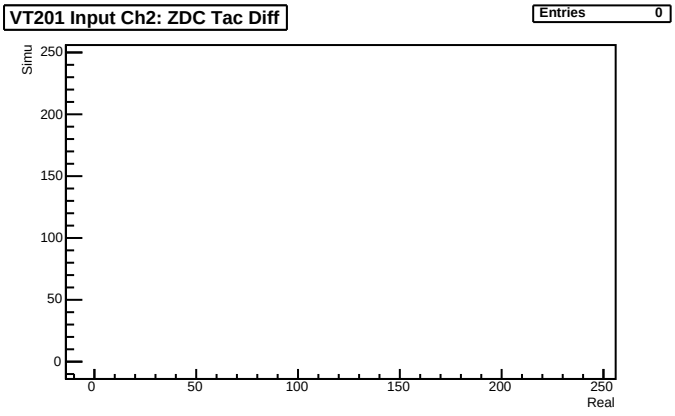

VT201 Input Ch1: EPD Tac Diff
Entries 267129
Tac

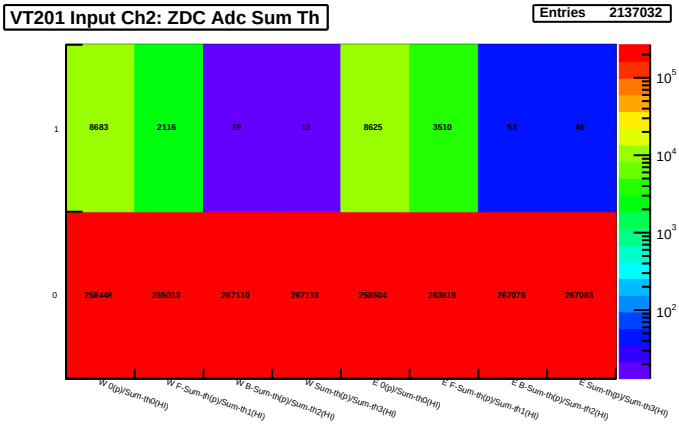

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

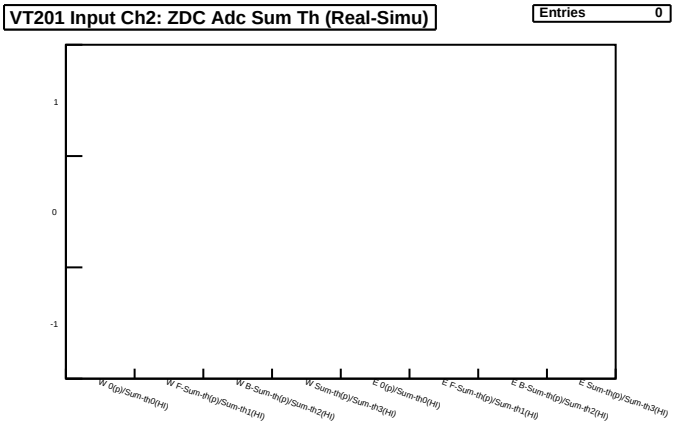

VT201 Input Ch1: EPD Hit Count Th
Entries 534258
262668
262121
4461
5008
East
West

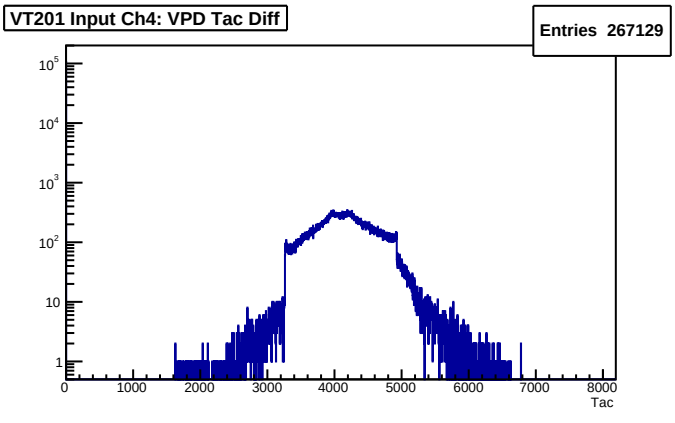

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

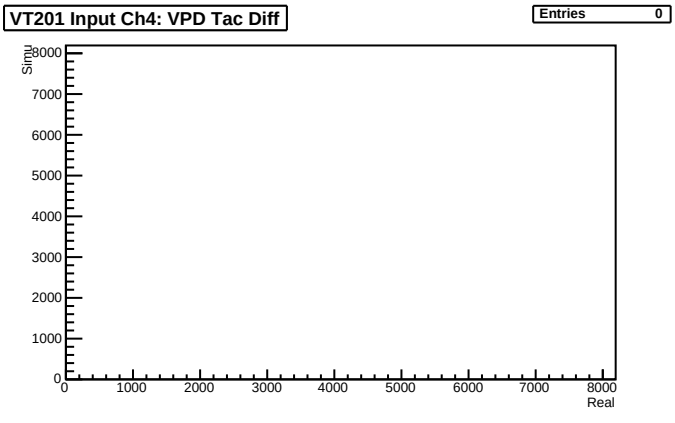

VT201 Input Ch2: ZDC Tac Diff
Entries 267129
Tac

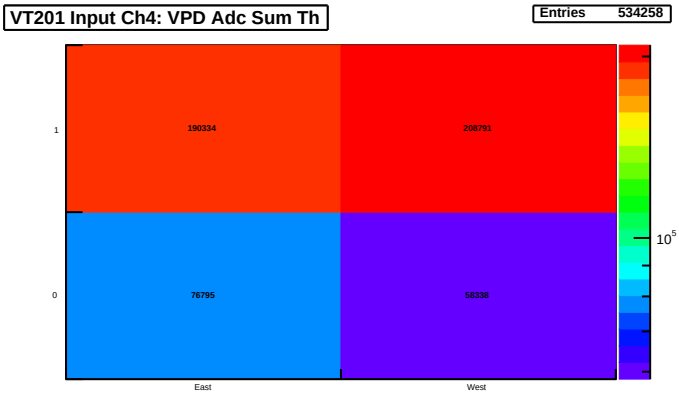

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

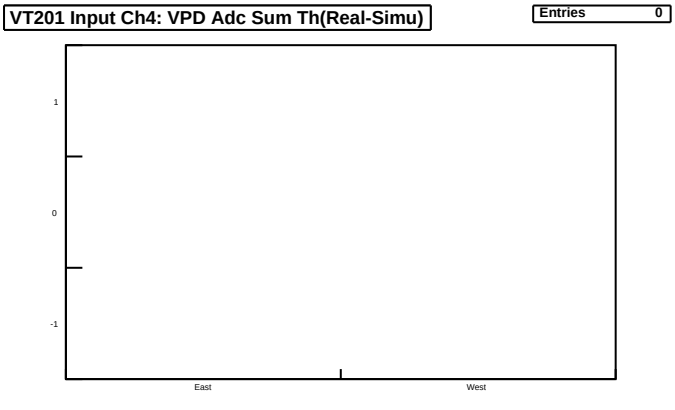

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2137032
8683
2116
19
13
8625
3510
53
46
258446
265013
267110
267116
258504
263619
267076
267083
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

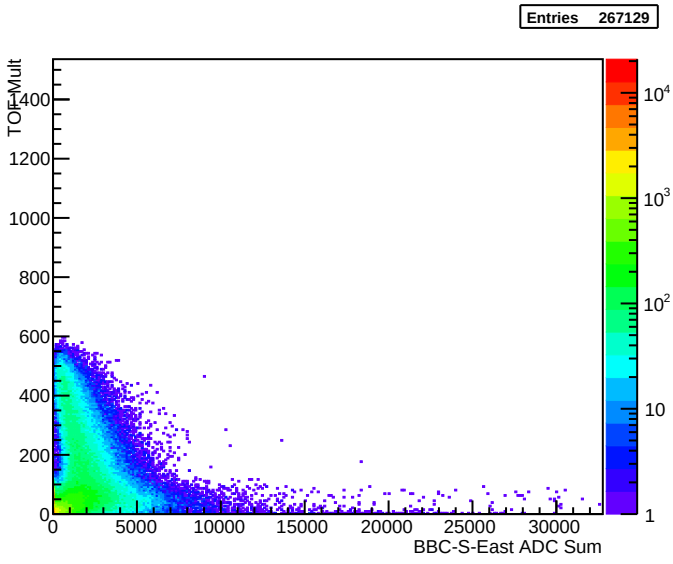

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

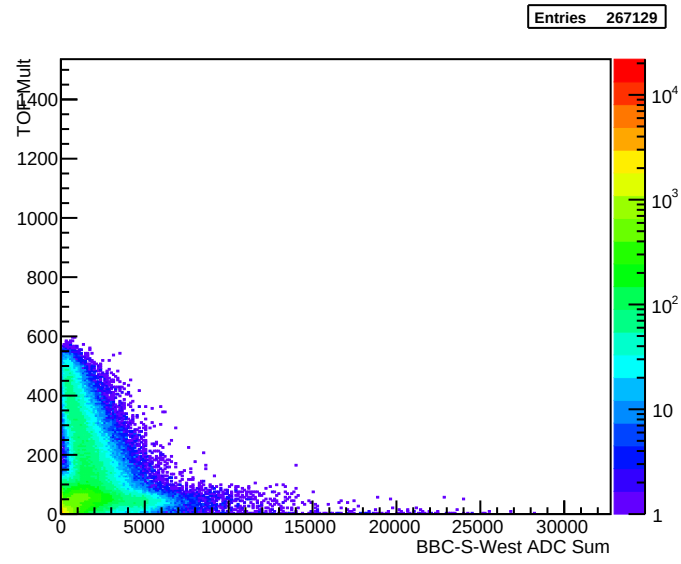

VT201 Input Ch4: VPD Tac Diff
Entries 267129
Tac

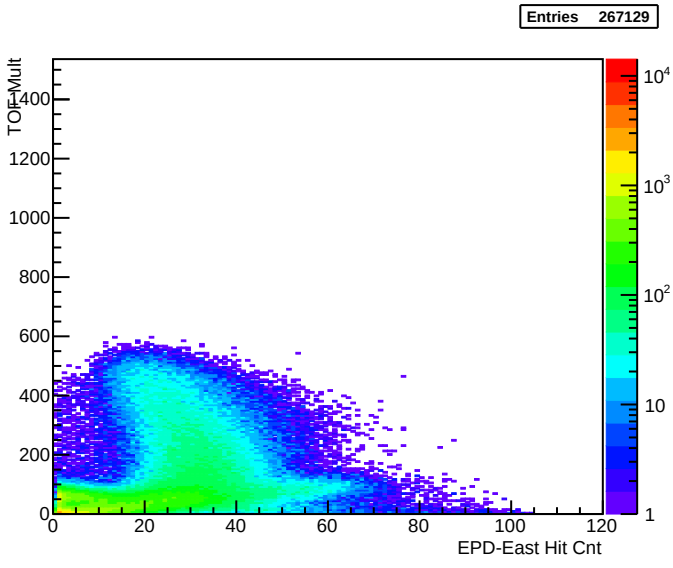

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

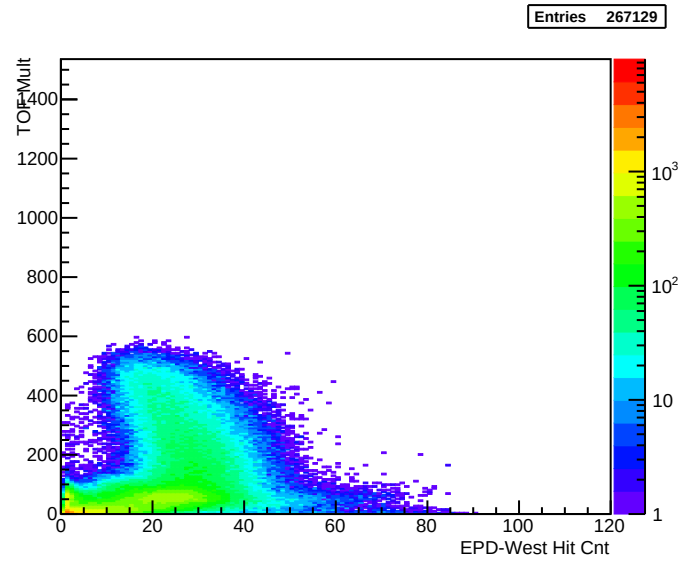

VT201 Input Ch4: VPD Adc Sum Th
Entries 534258
190334
208791
76795
58338
East
West

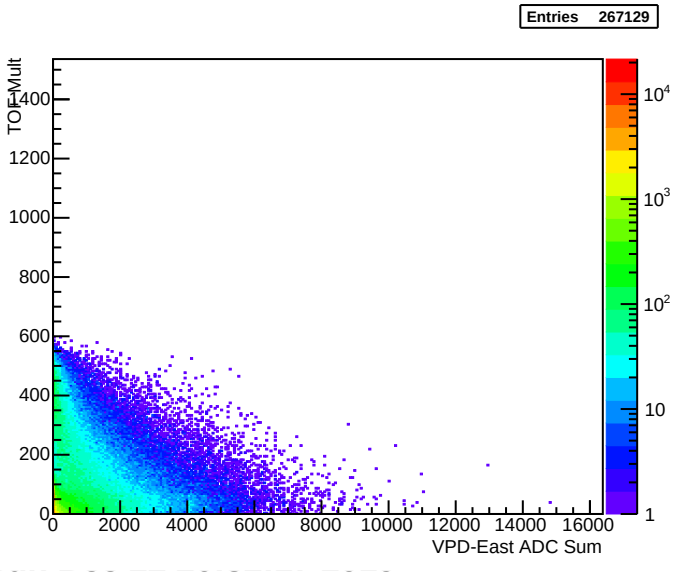

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

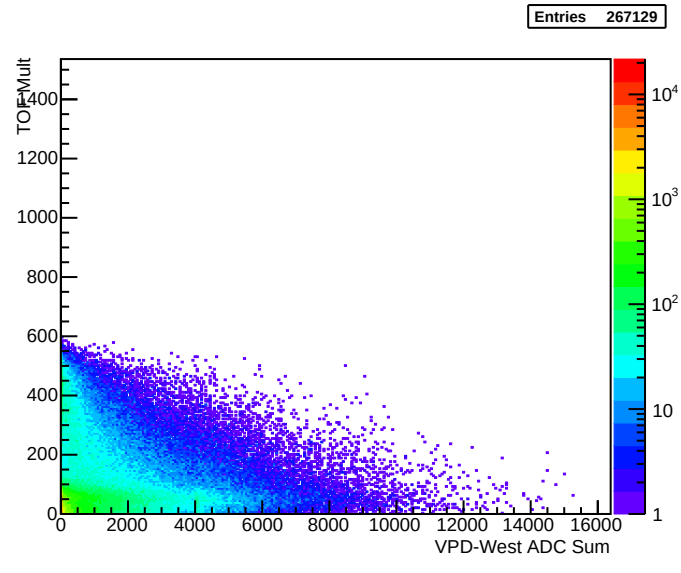

Entries 267129
TOF-Mult
BBC-S-East ADC Sum

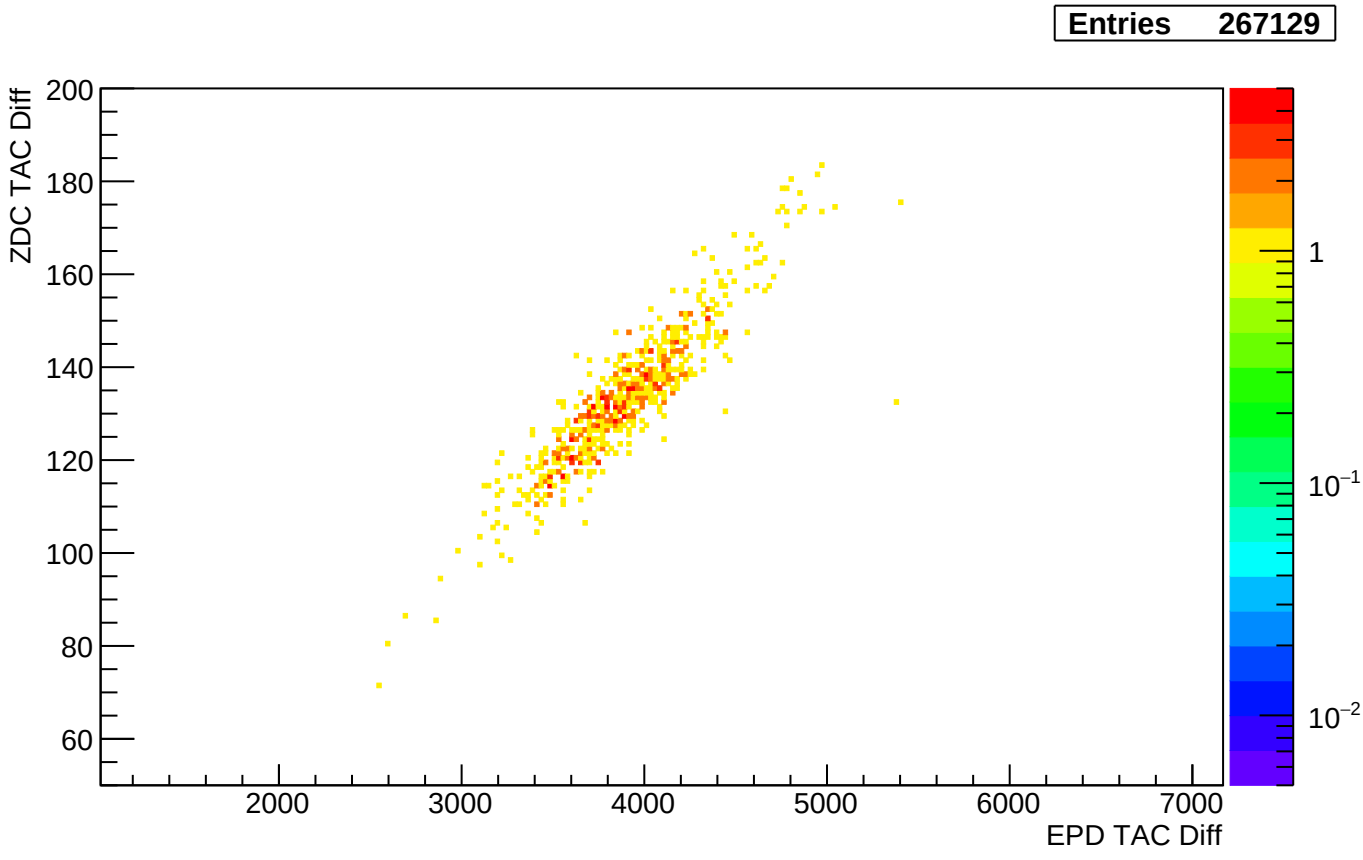

Entries 267129
TOF-Mult
BBC-S-West ADC Sum

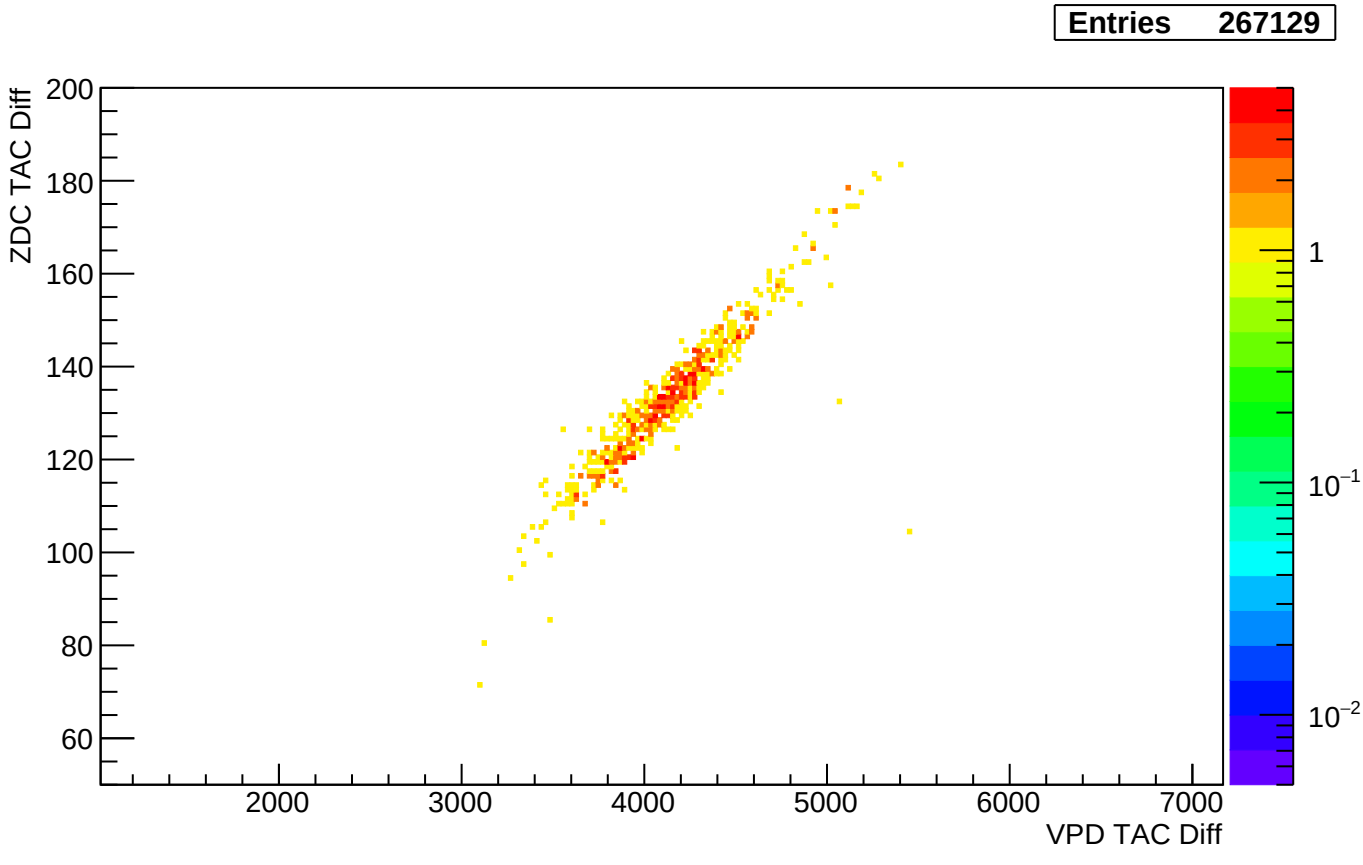

Entries 267129
TOF-Mult
EPD-East Hit Cnt

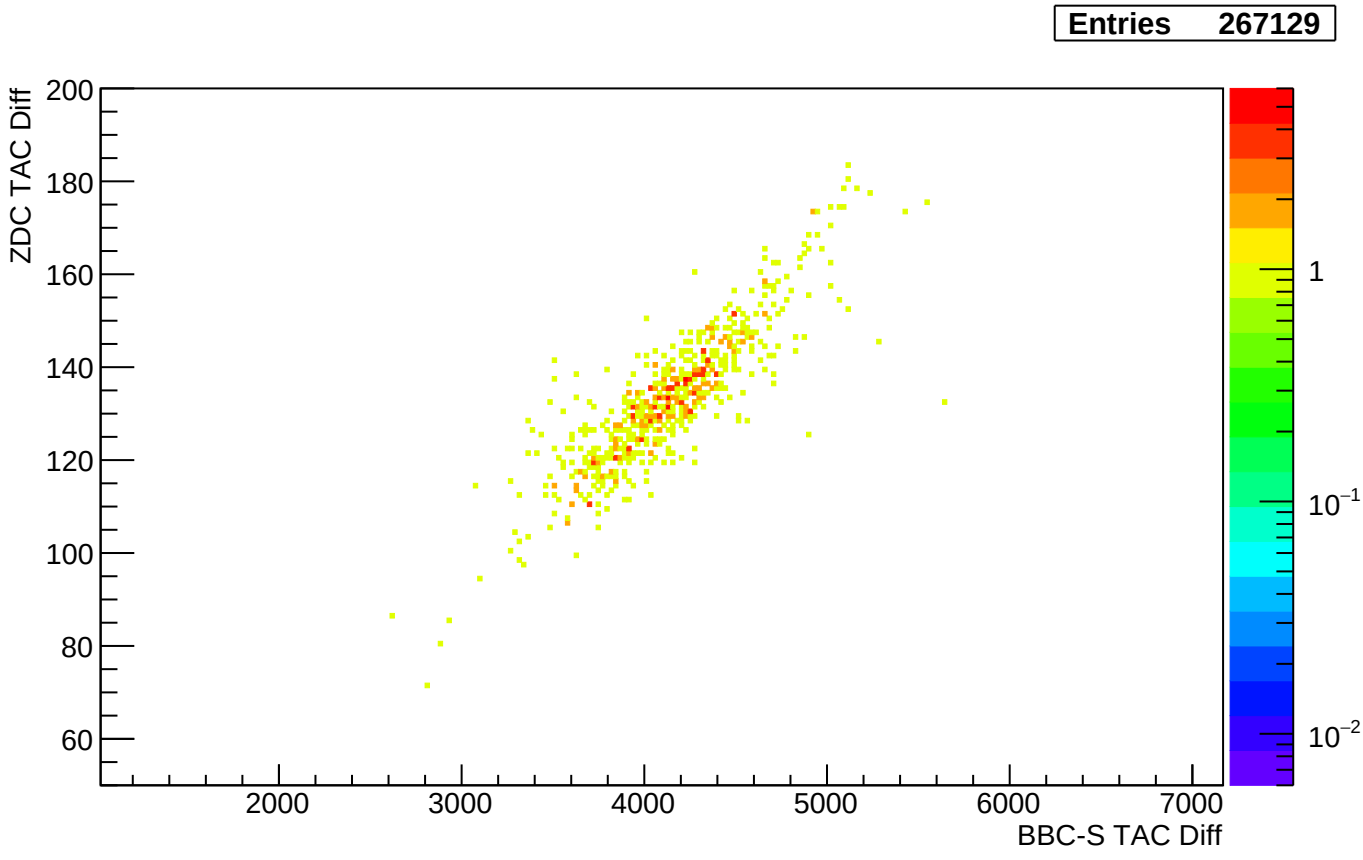

Entries 267129
TOF-Mult
EPD-West Hit Cnt

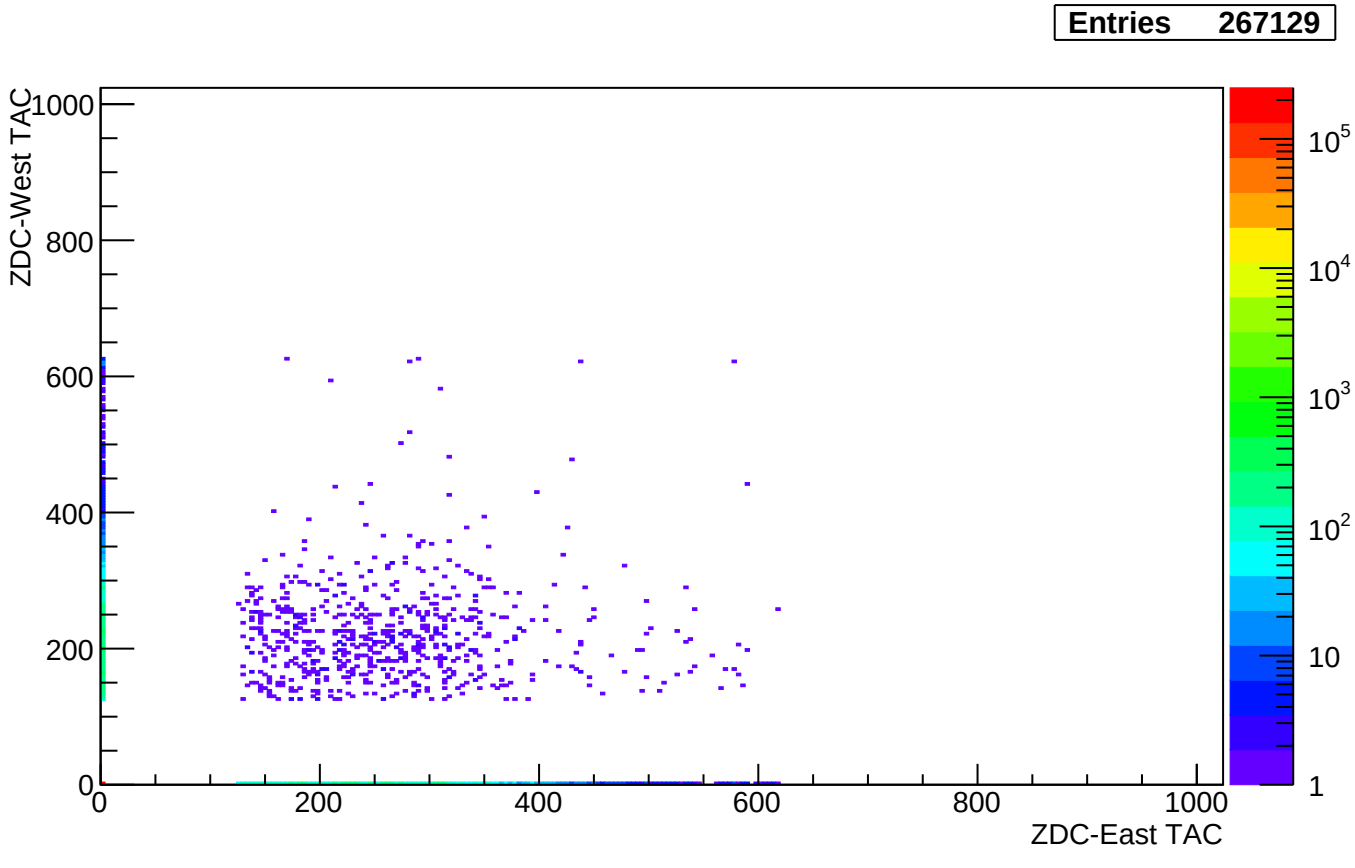

Entries 267129
TOF-Mult
VPD-East ADC Sum

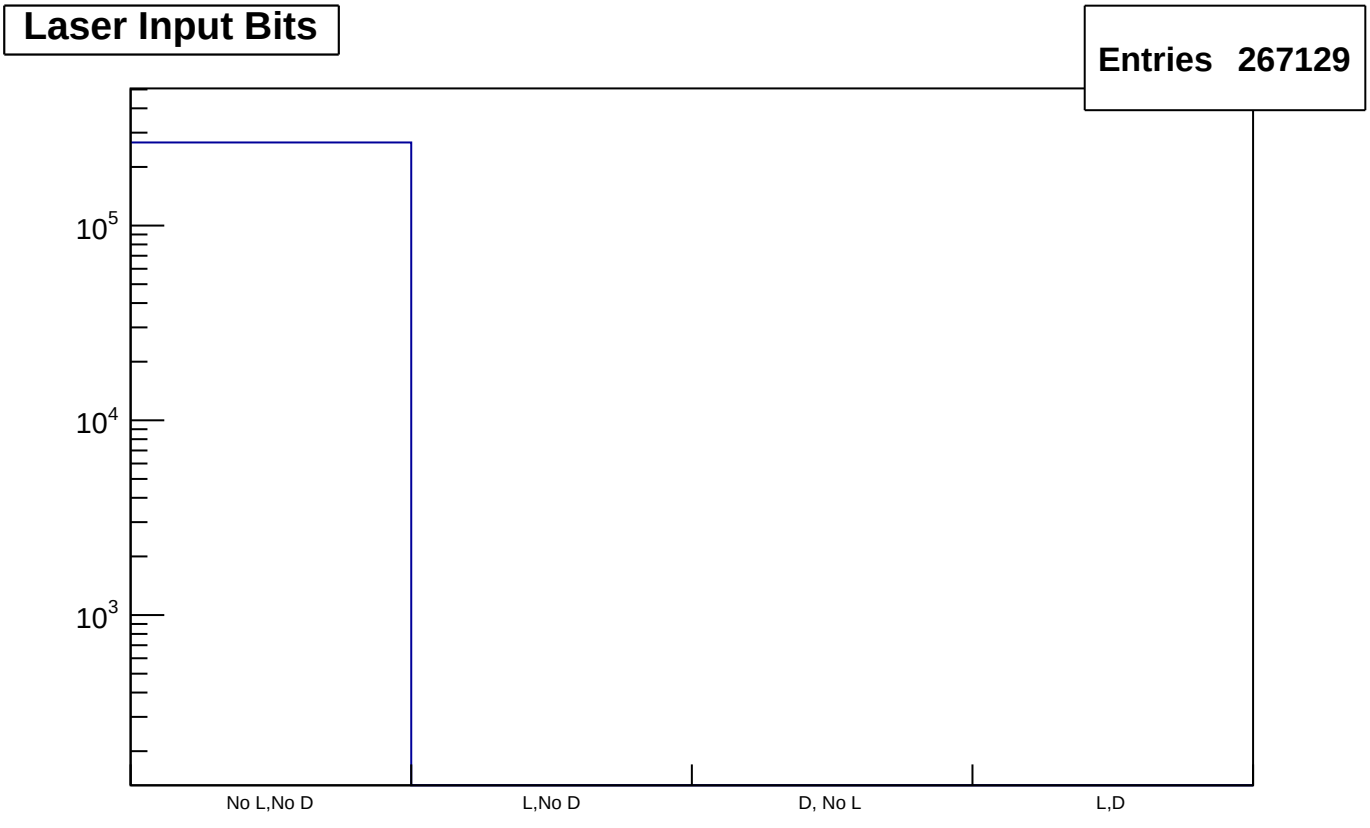

Entries 267129
TOF-Mult
VPD-West ADC Sum

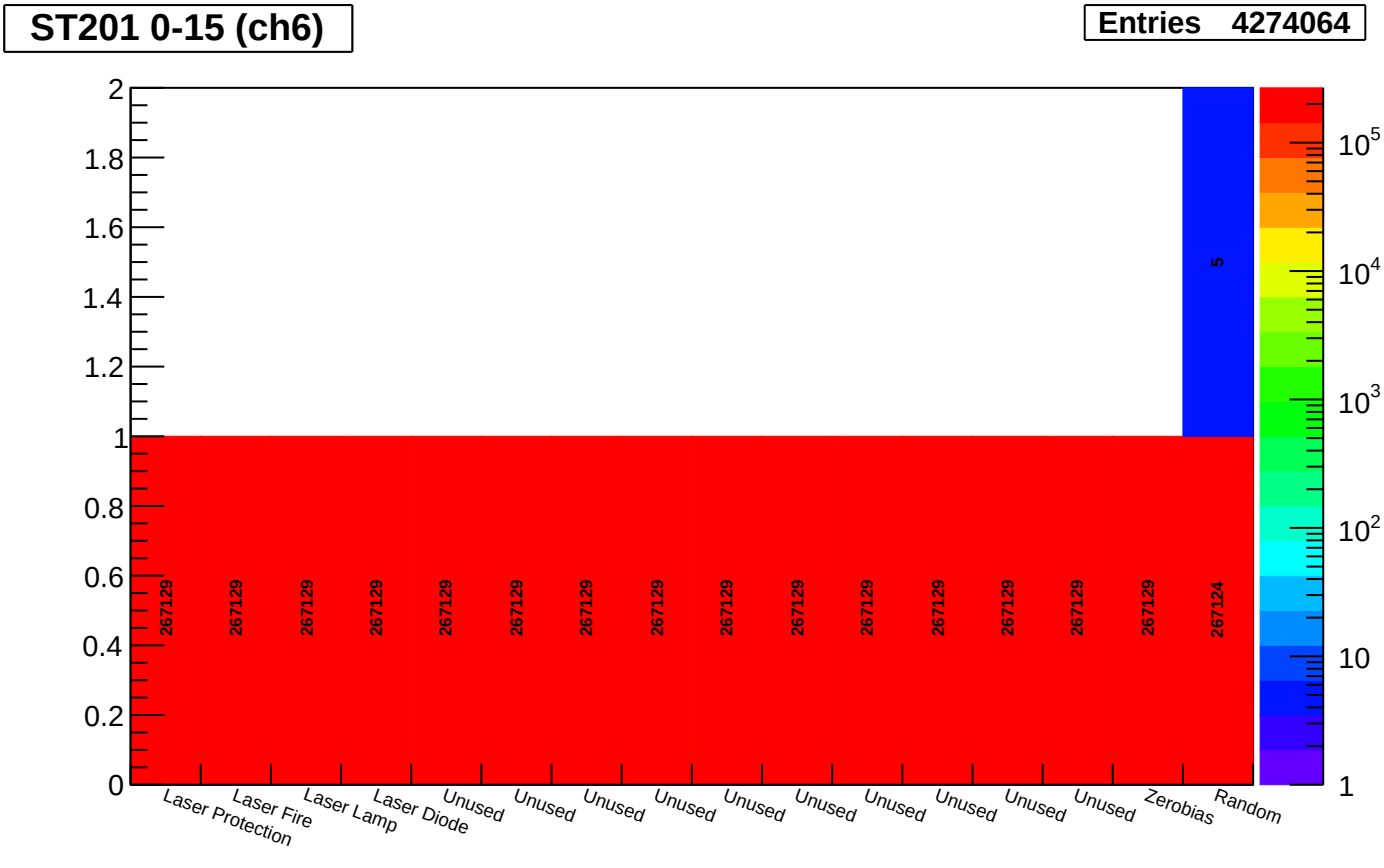

Entries 267129
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

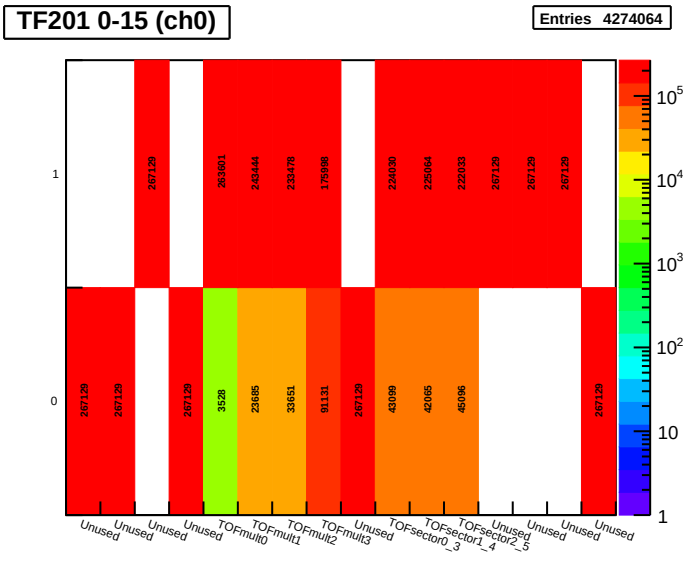

Entries 267129
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

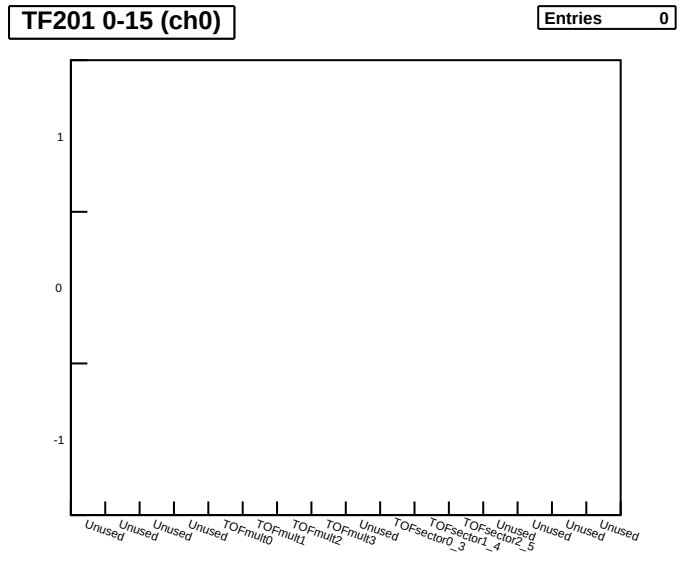

Entries 267129
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

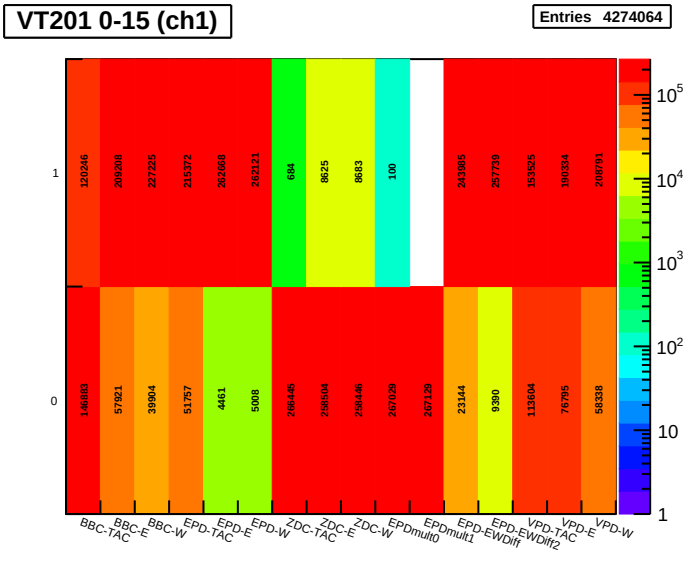

Entries 267129
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

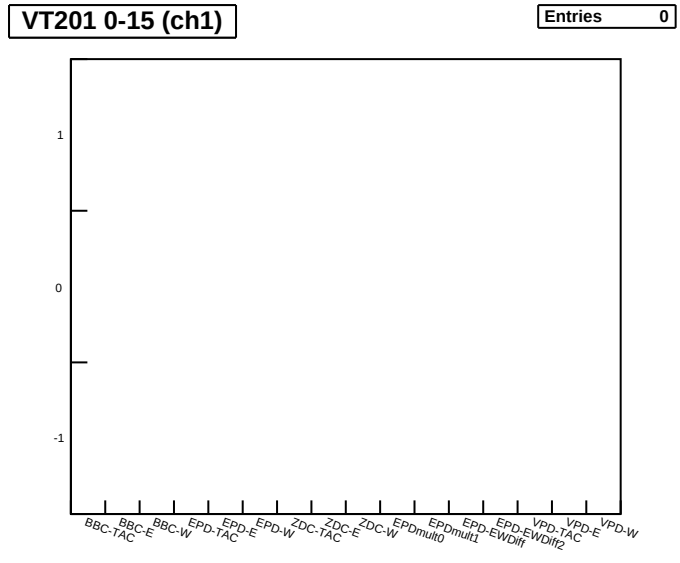

Laser Input Bits
Entries 267129
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

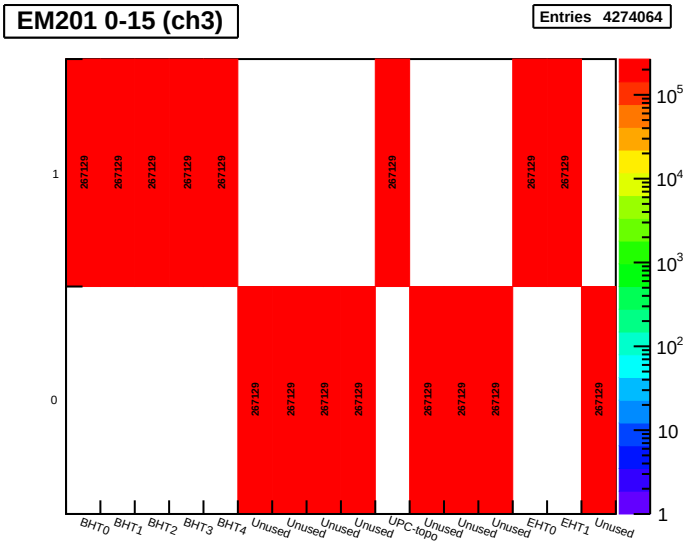

ST201 0-15 (ch6)
Entries 4274064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
267129
267124
5
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

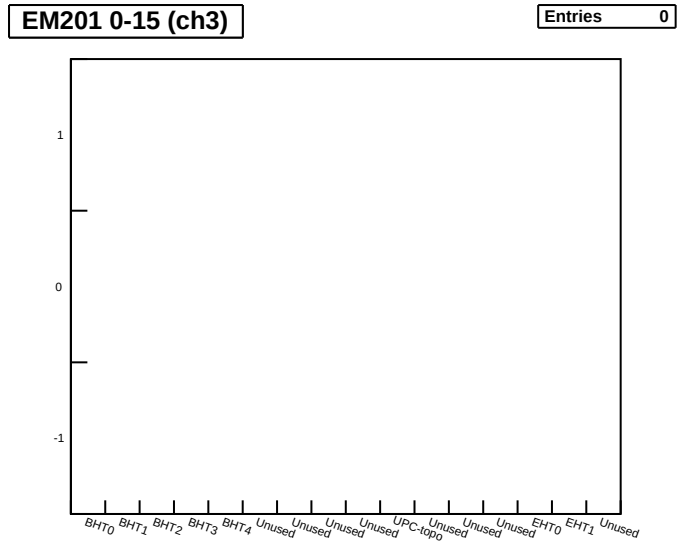

TF201 0-15 (ch0)
Entries 4274064
1
0
267129
263601
243444
233478
175998
224030
225064
220033
267129
267129
267129
267129
267129
267129
3528
23685
33651
91131
267129
43099
42065
45096
267129
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 4274064
1
0
120246
209208
227225
215372
262668
262121
684
8625
8683
100
243985
257739
153525
190354
208791
146883
57921
39904
51757
4461
5008
266445
258504
258446
267029
267129
23144
9390
113604
76795
58338
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 4274064
1
0
267129
267129
267129
267129
267129
267129
267129
267129
267129
267129
267129
267129
267129
267129
267129
267129
267129
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