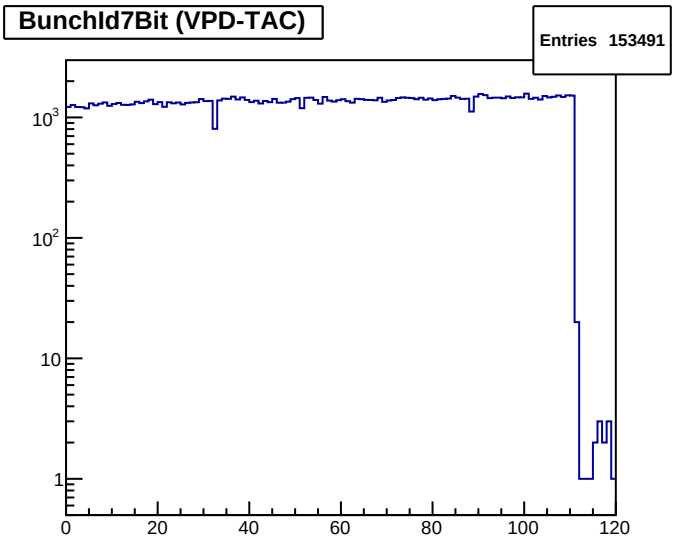
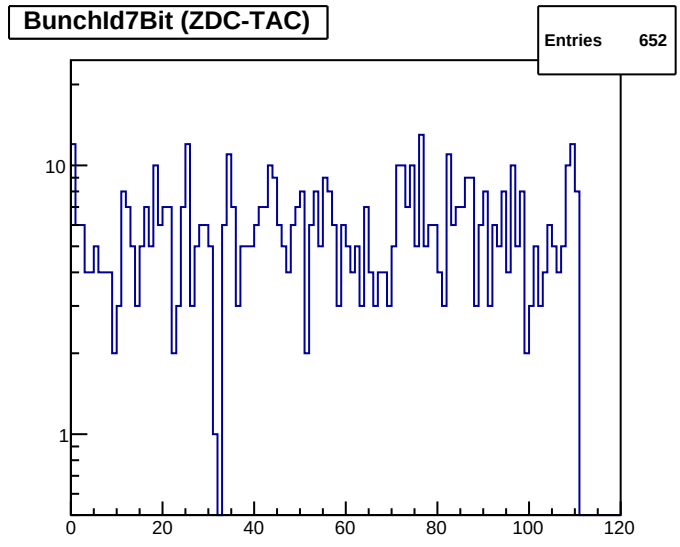
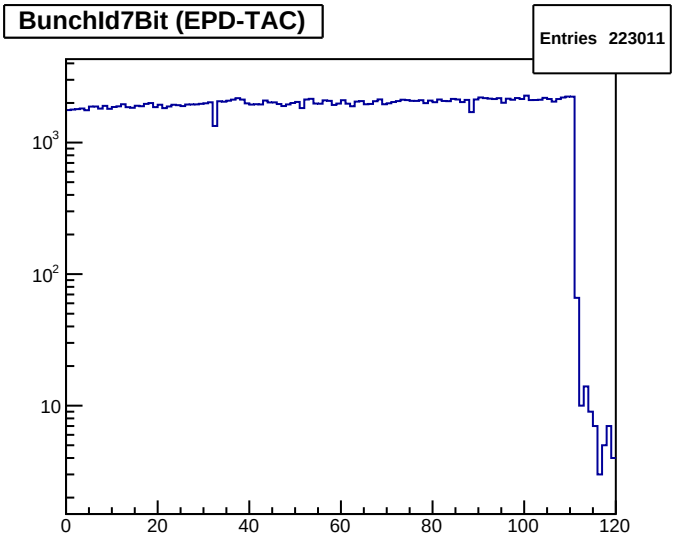
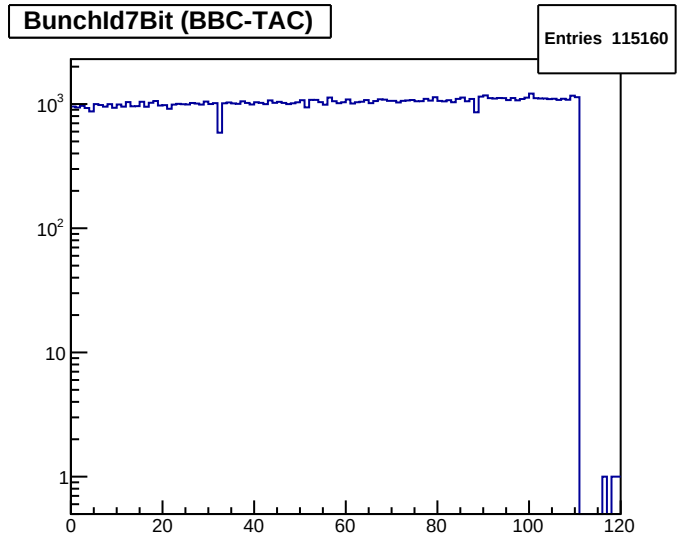
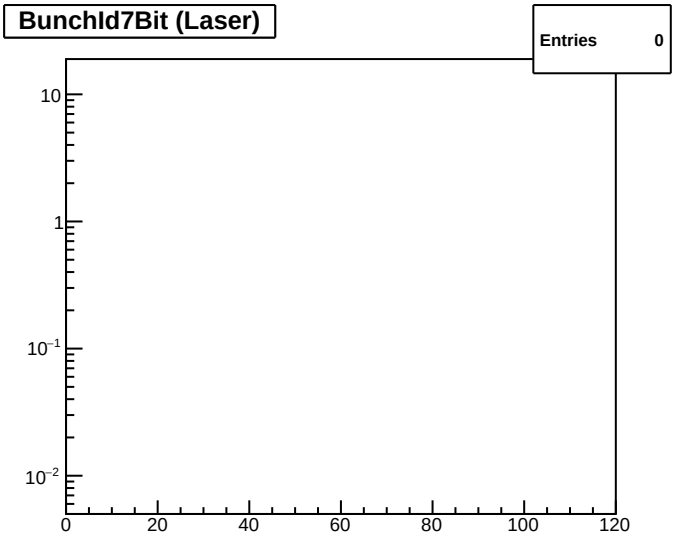
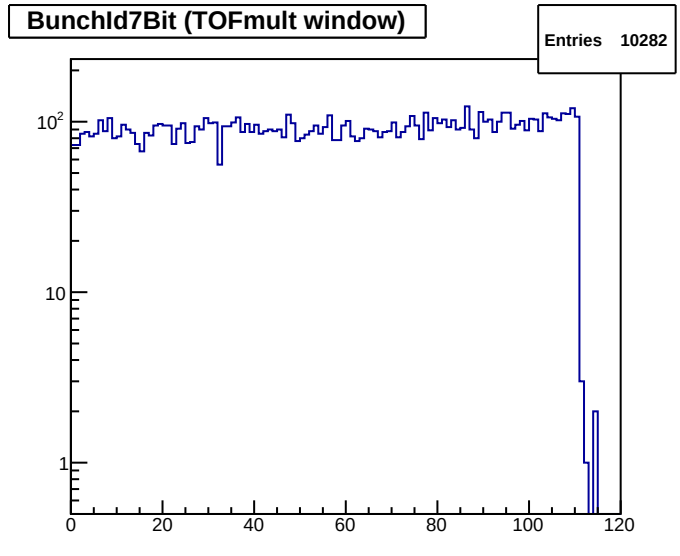

BunchId7Bit (VPD-TAC)
Entries 153491

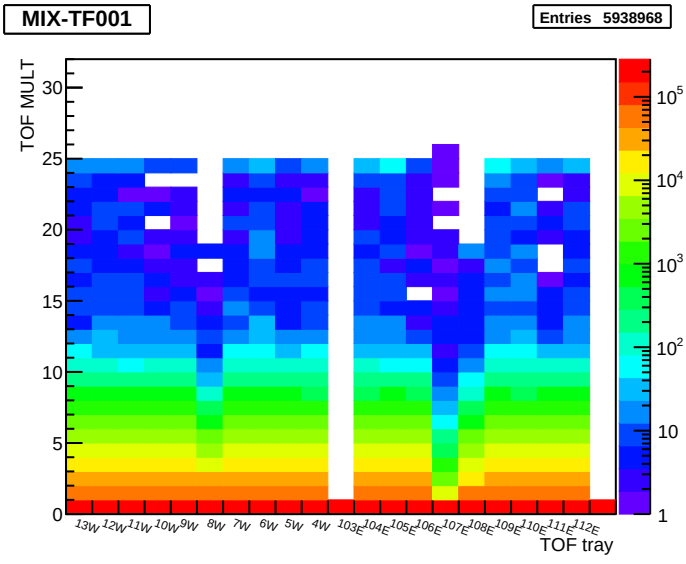

BunchId7Bit (ZDC-TAC)
Entries 652

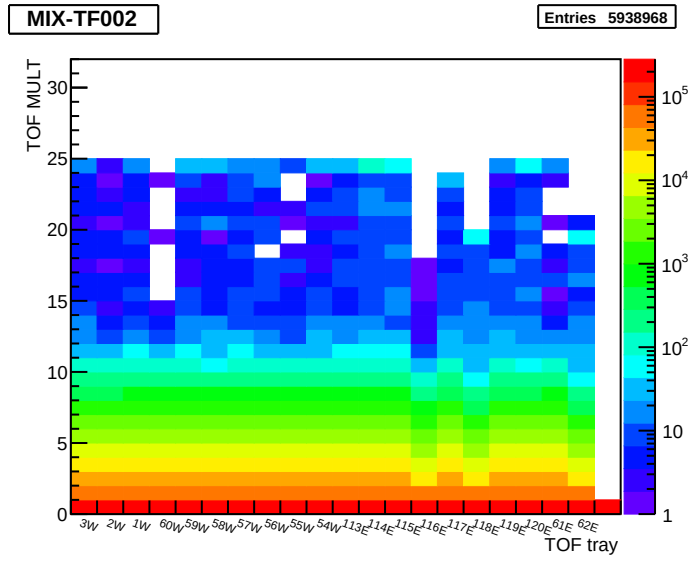

BunchId7Bit (EPD-TAC)
Entries 223011

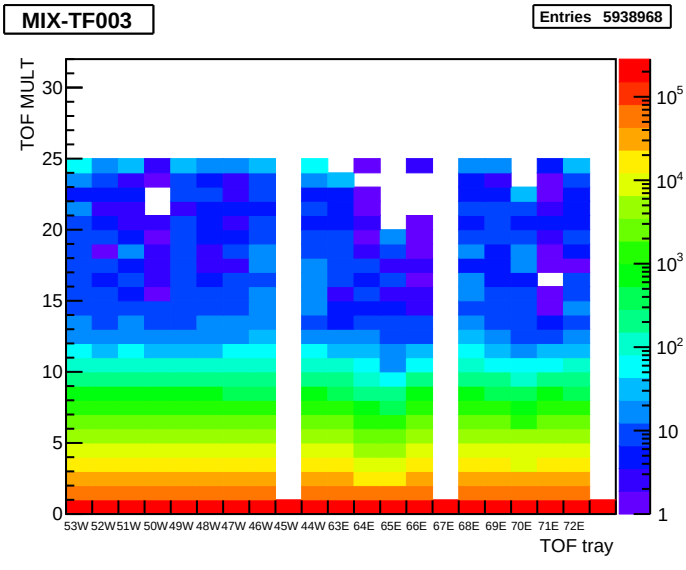

BunchId7Bit (BBC-TAC)
Entries 115160

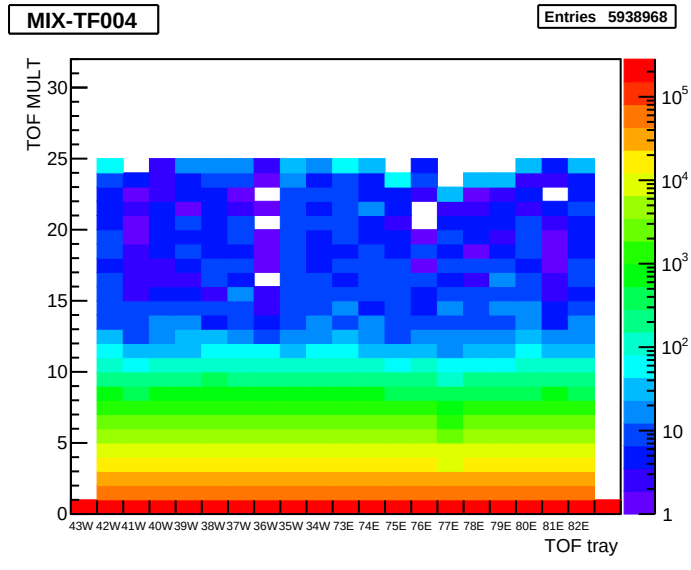

BunchId7Bit (Laser)
Entries 0

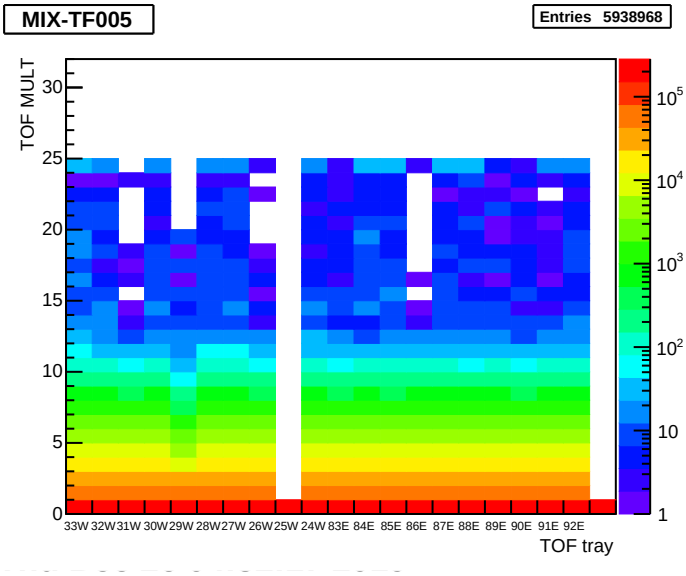

BunchId7Bit (TOFmult window)
Entries 10282

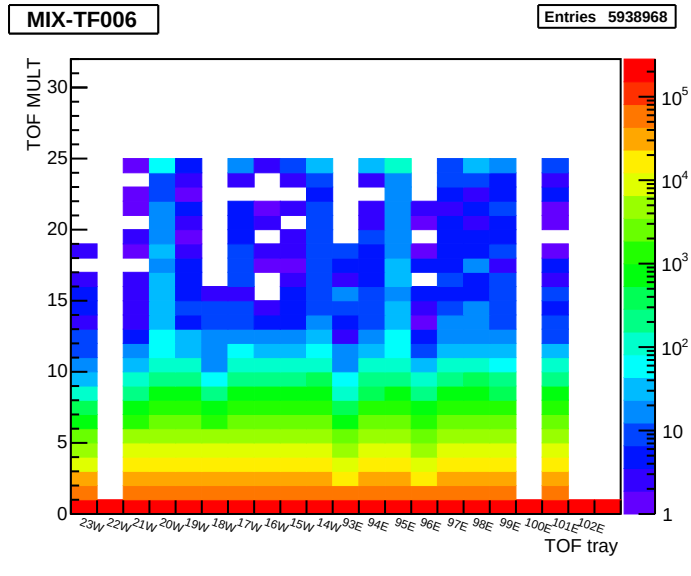

MIX-TF001
Entries 5938968
TOF MULT
TOF tray

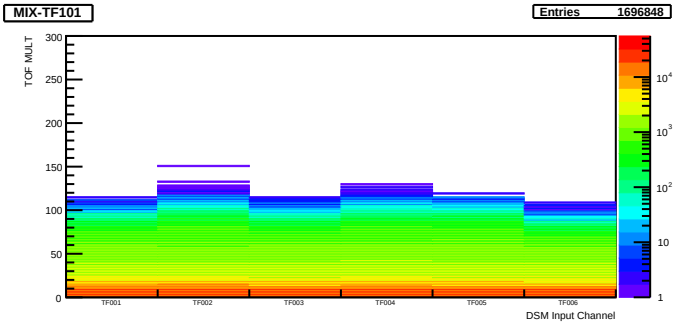

MIX-TF002
Entries 5938968
TOF MULT
TOF tray

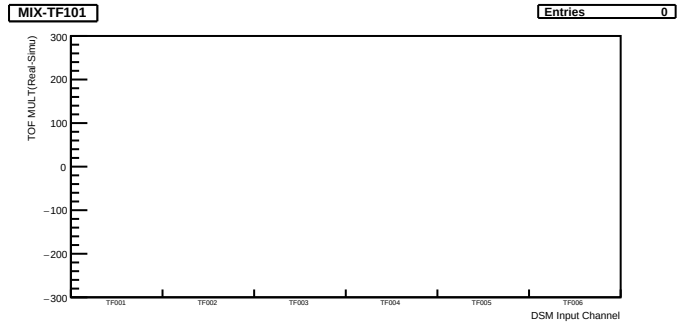

MIX-TF003
Entries 5938968
TOF MULT
TOF tray

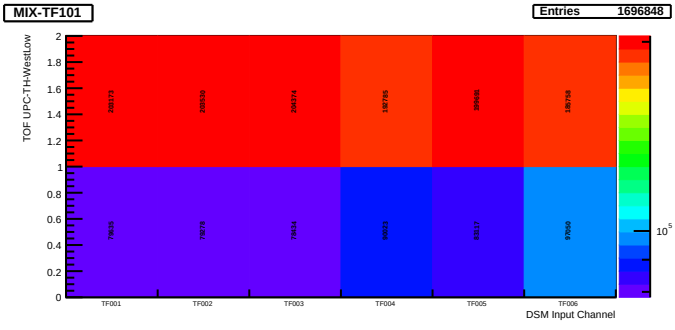

MIX-TF004
Entries 5938968
TOF MULT
TOF tray

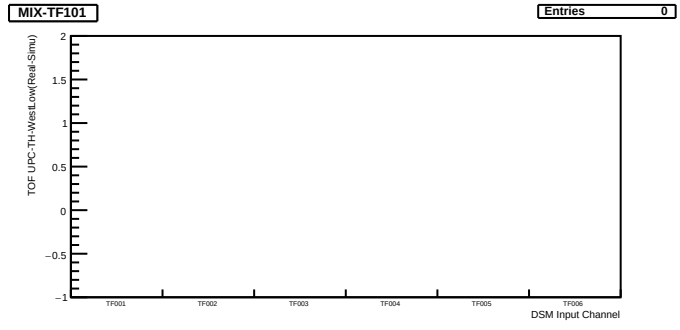

MIX-TF005
Entries 5938968
TOF MULT
TOF tray

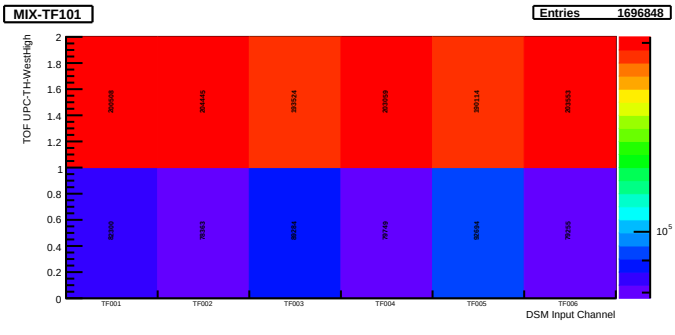

MIX-TF006
Entries 5938968
TOF MULT
TOF tray

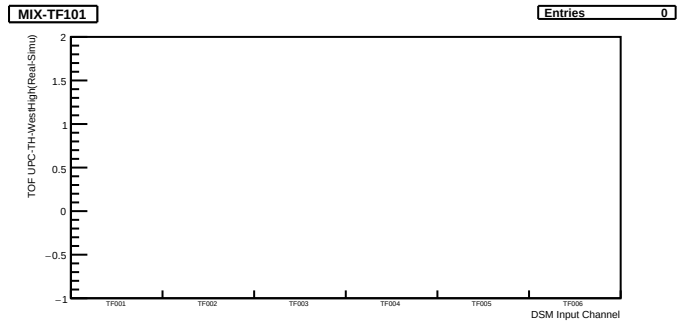

MIX-TF101
Entries 1696848
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

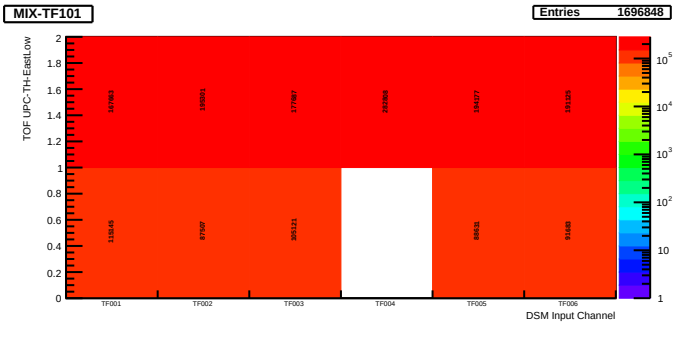

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

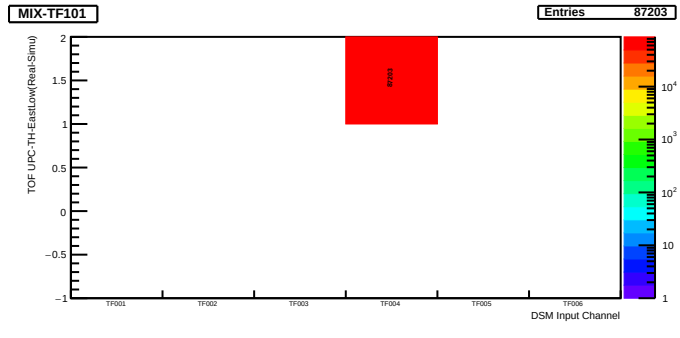

MIX-TF101
Entries 1696848
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

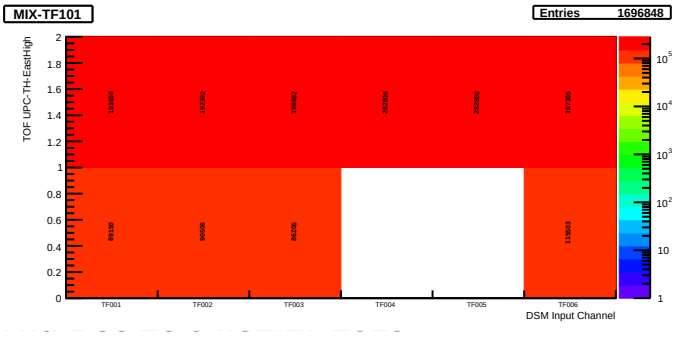

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

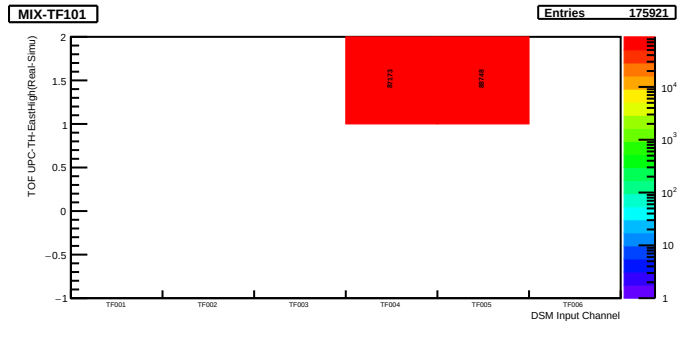

MIX-TF101
Entries 1696848
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

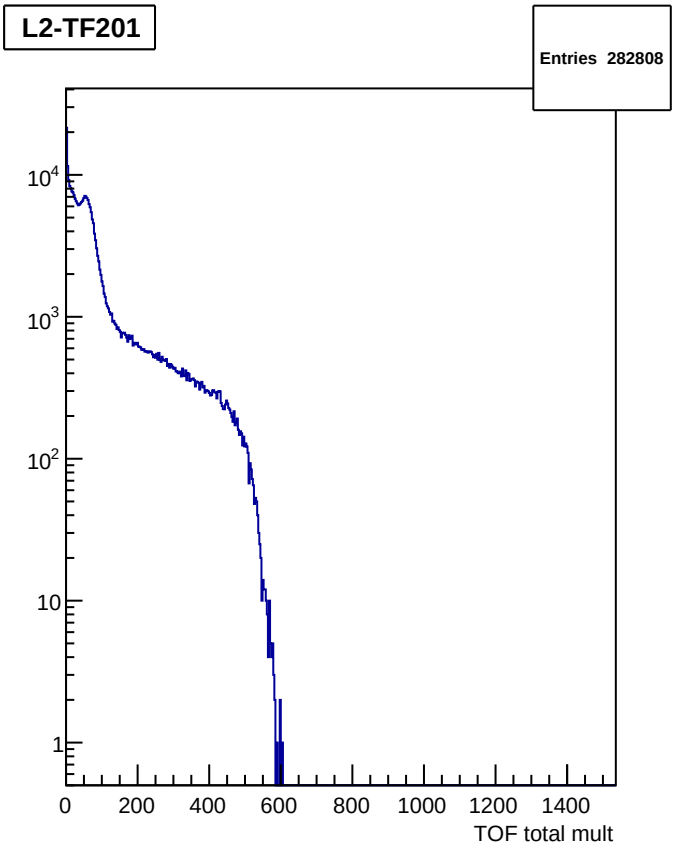

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

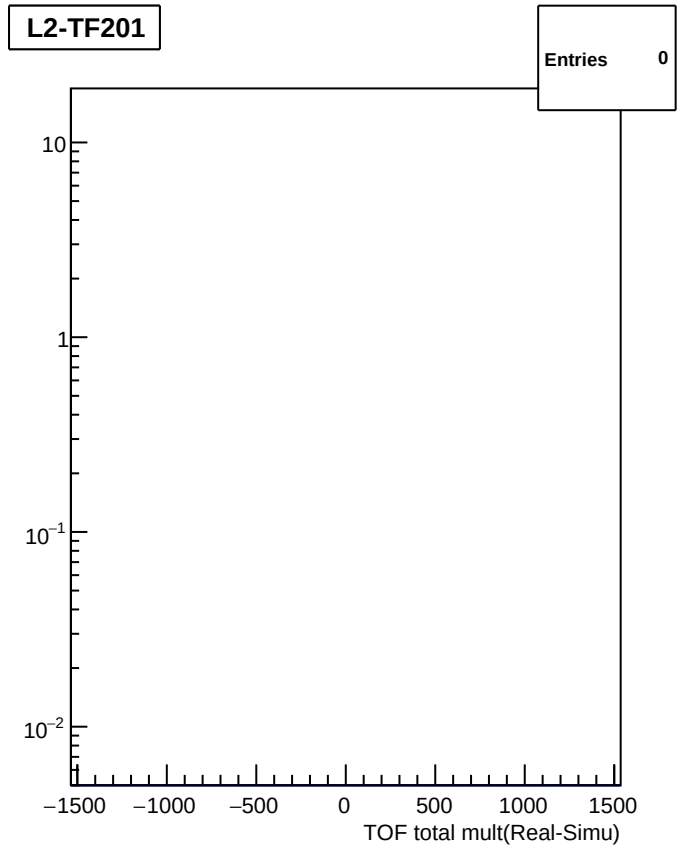

MIX-TF101
Entries 1696848
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

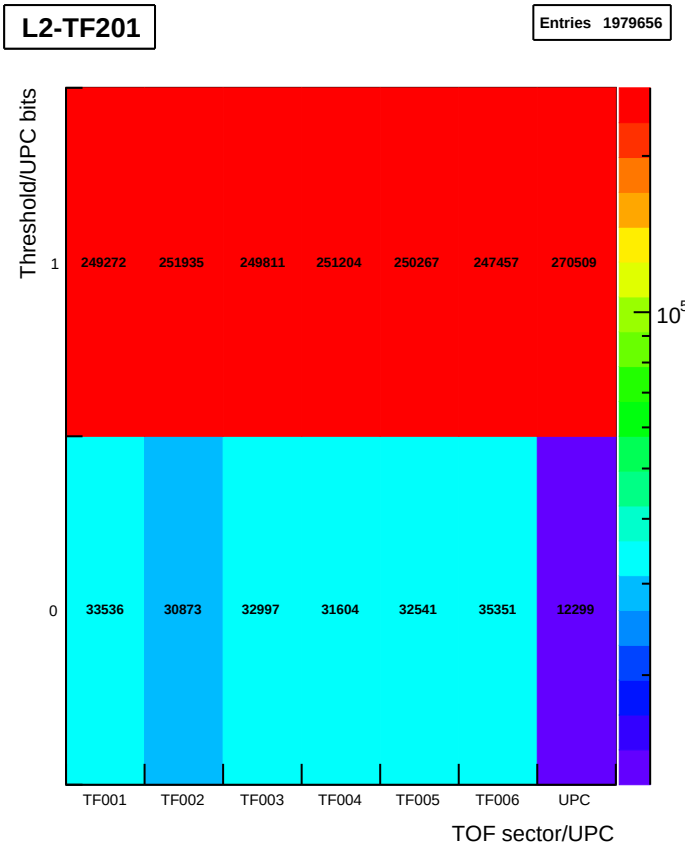

MIX-TF101
Entries 87203
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

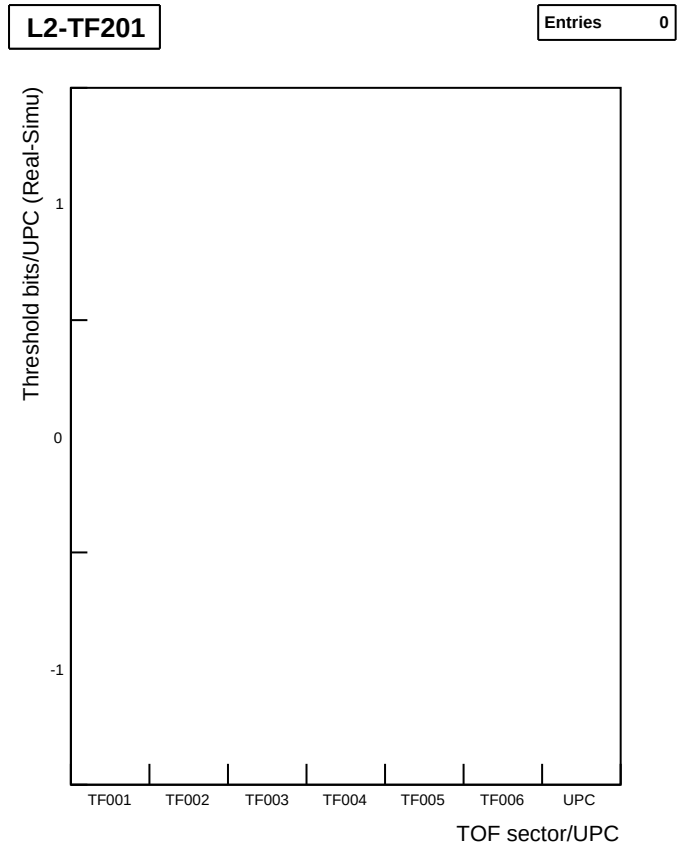

MIX-TF101
Entries 1696848
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

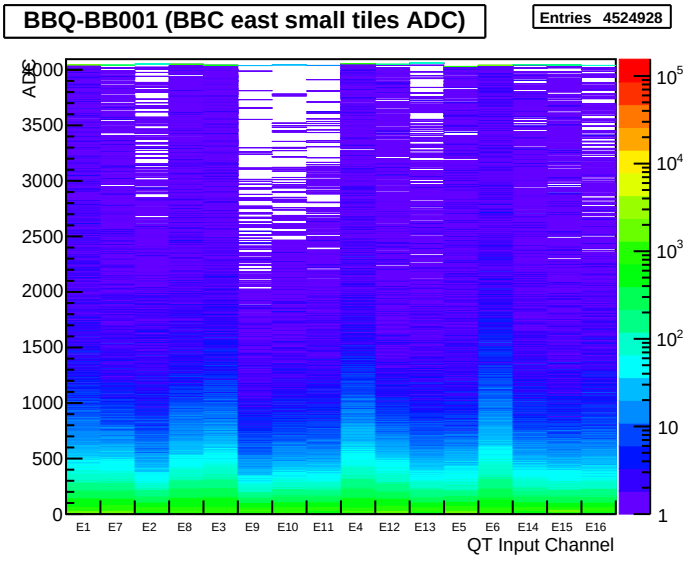

MIX-TF101
Entries 175921
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

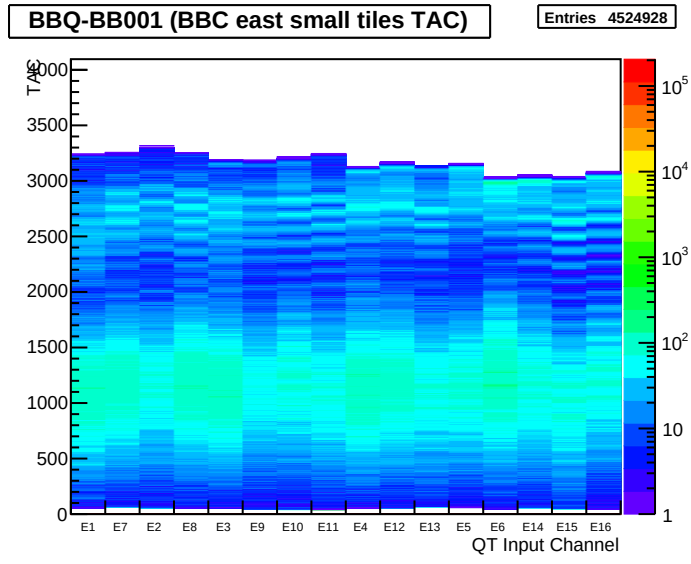

L2-TF201
Entries 282808
TOF total mult

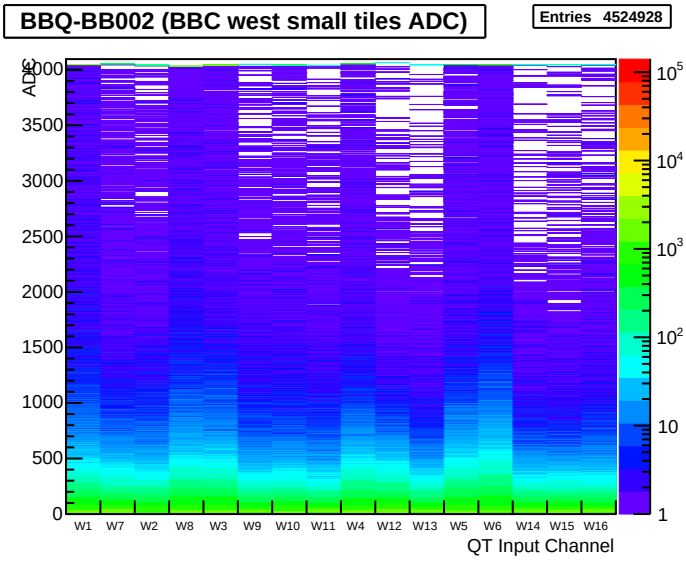

L2-TF201
Entries 0
TOF total mult(Real-Simu)

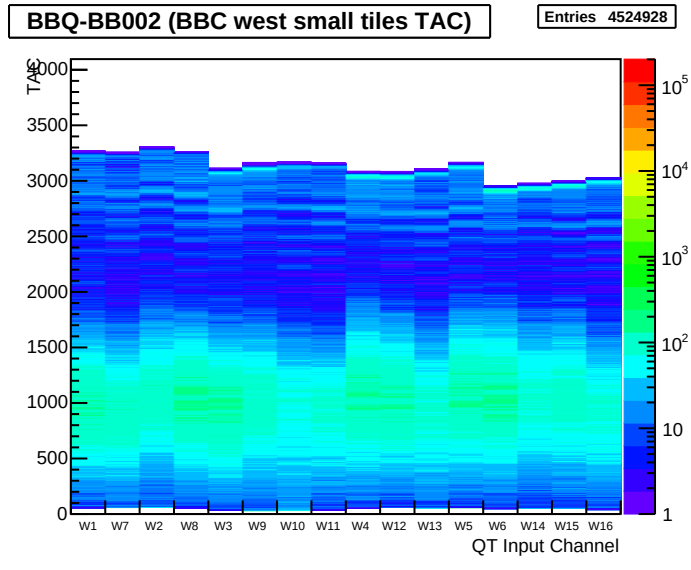

L2-TF201
Entries 1979656
Threshold/UPC bits
249272
251935
249811
251204
250267
247457
270509
33536
30873
32997
31604
32541
35351
12299
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

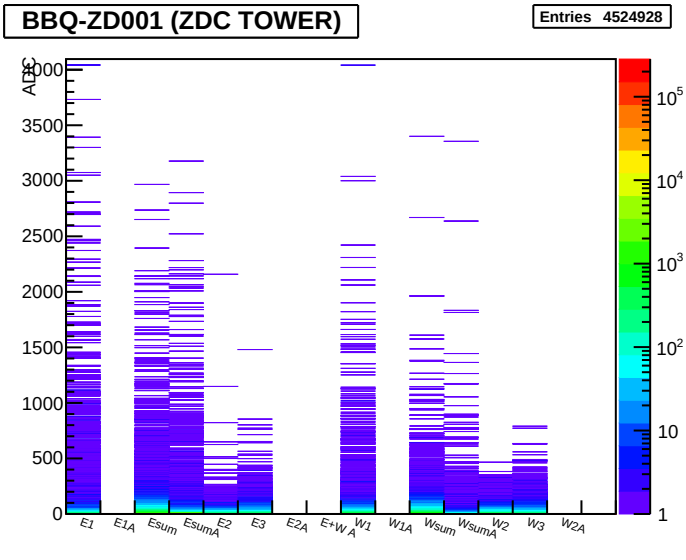

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

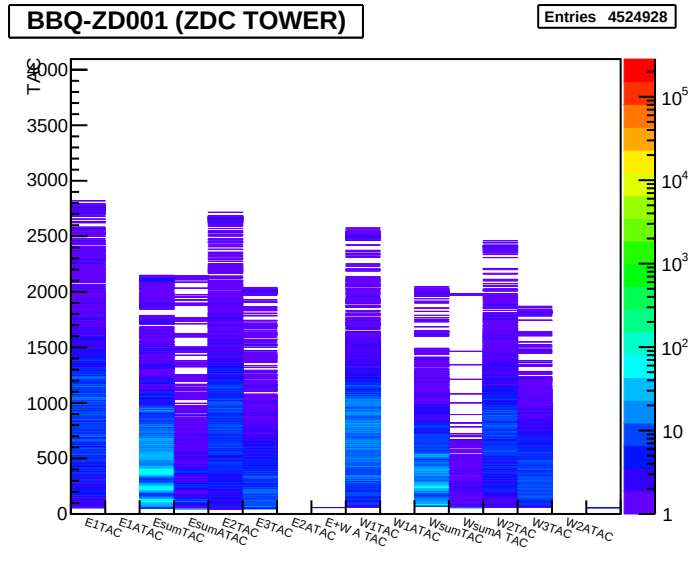

BBQ-BB001 (BBC east small tiles ADC)
Entries 4524928
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

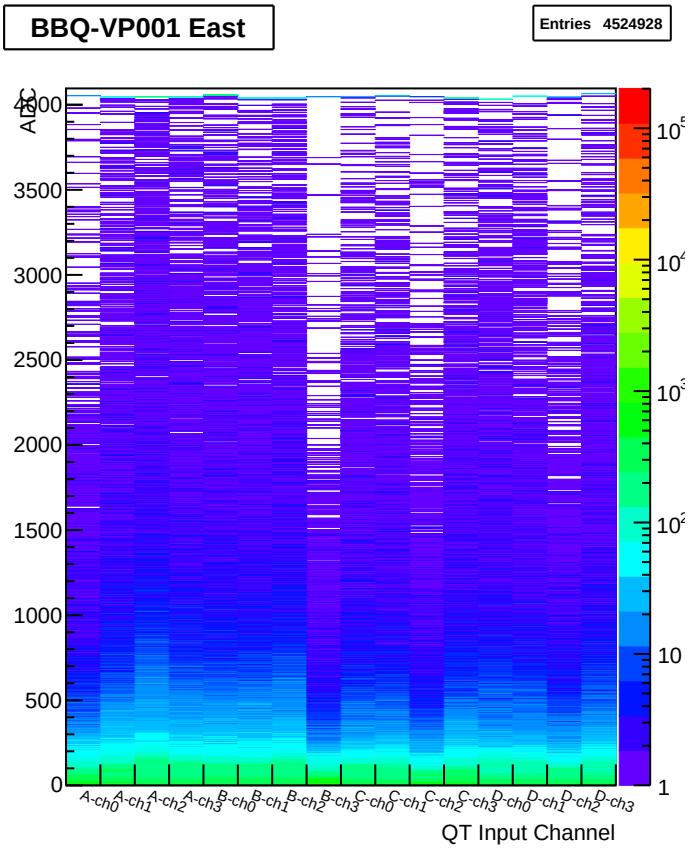

BBQ-BB001 (BBC east small tiles TAC)
Entries 4524928
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

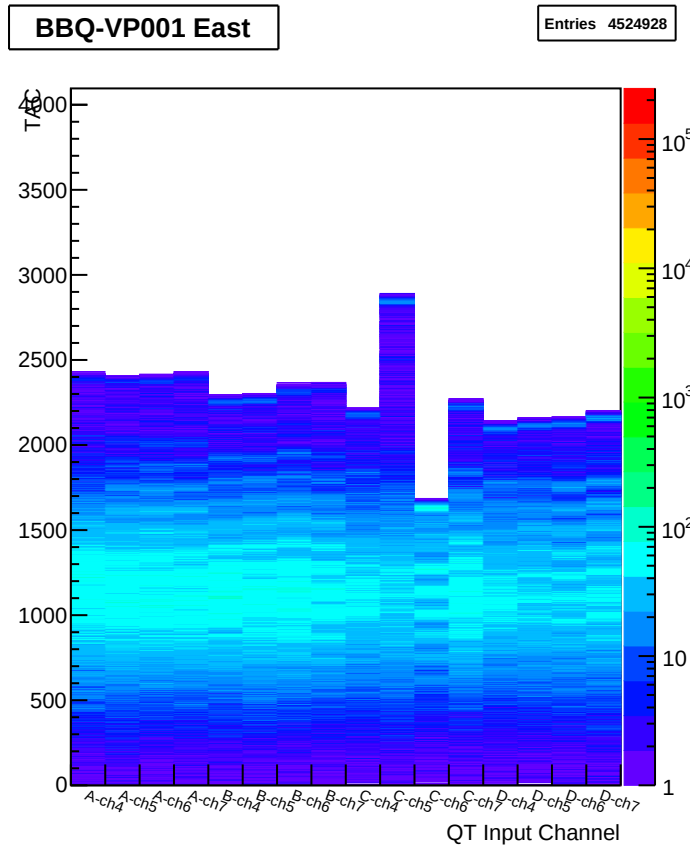

BBQ-BB002 (BBC west small tiles ADC)
Entries 4524928
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

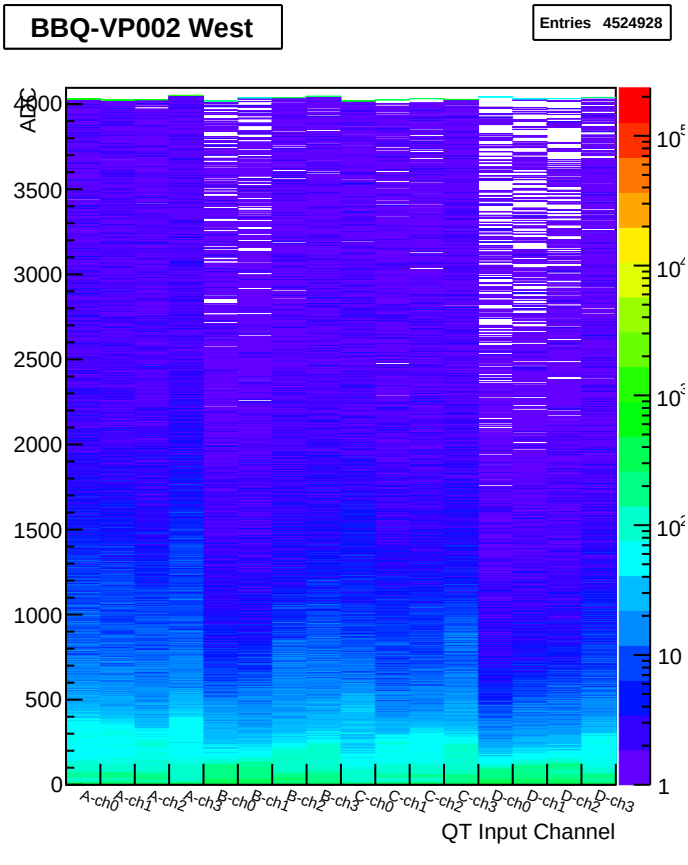

BBQ-BB002 (BBC west small tiles TAC)
Entries 4524928
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

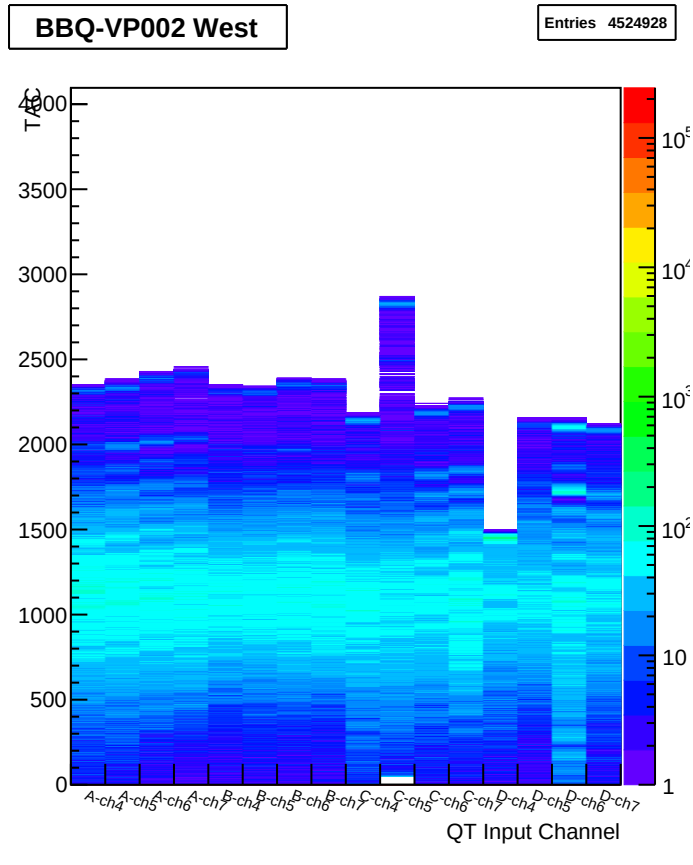

BBQ-ZD001 (ZDC TOWER)
Entries 4524928
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

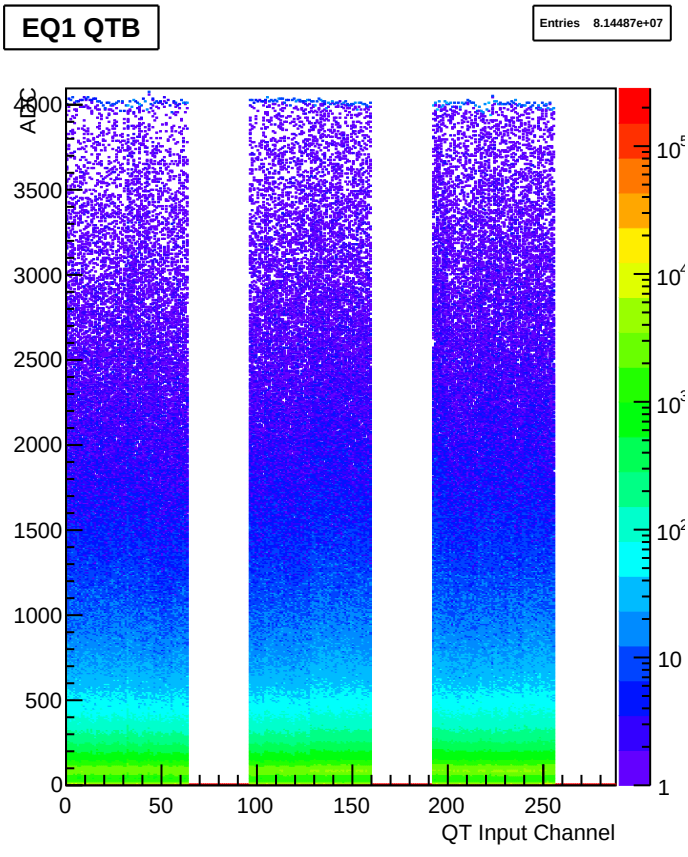

BBQ-ZD001 (ZDC TOWER)
Entries 4524928
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

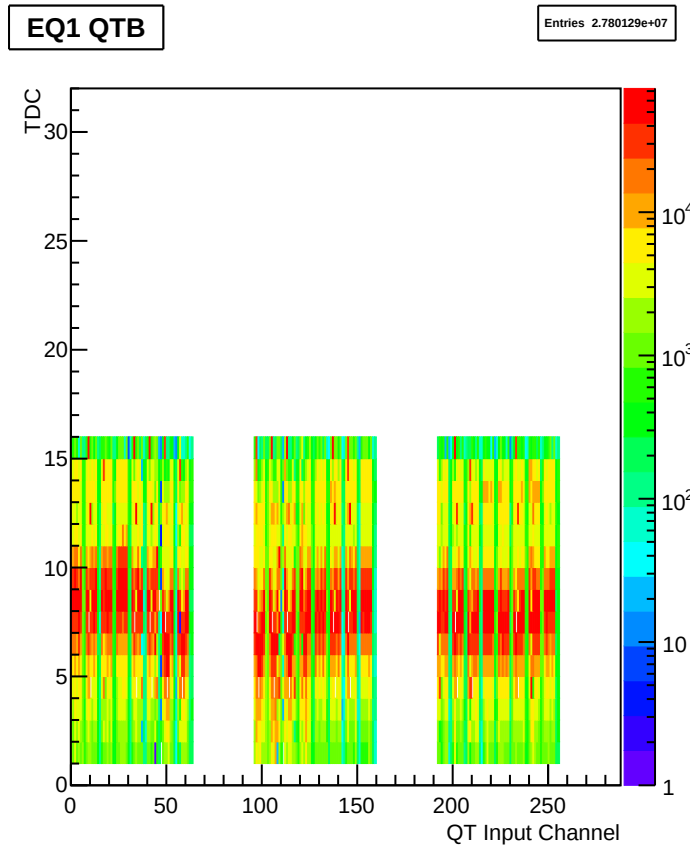

BBQ-VP001 East
Entries 4524928
ADC
QT Input Channel

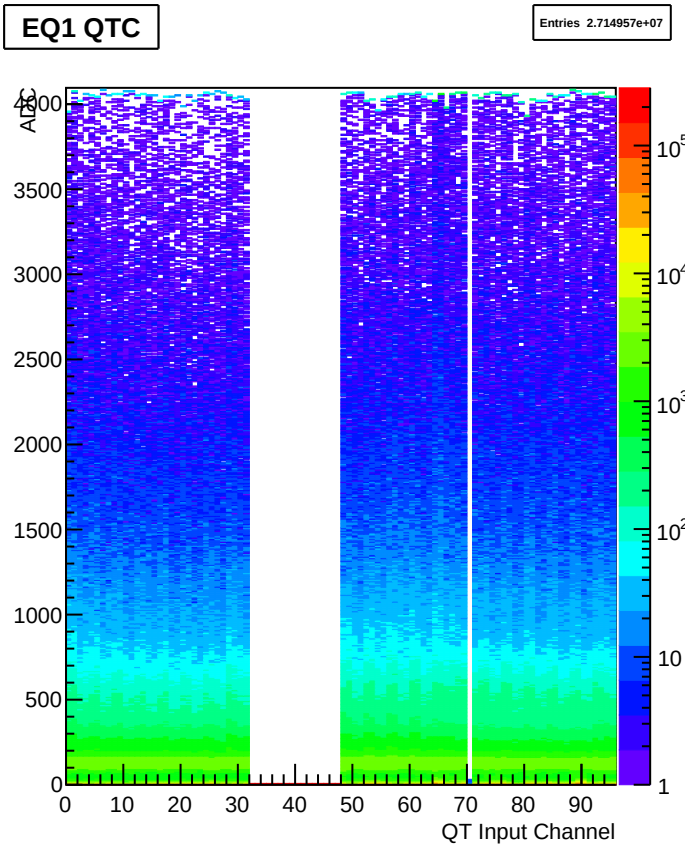

BBQ-VP001 East
Entries 4524928
TADC
QT Input Channel

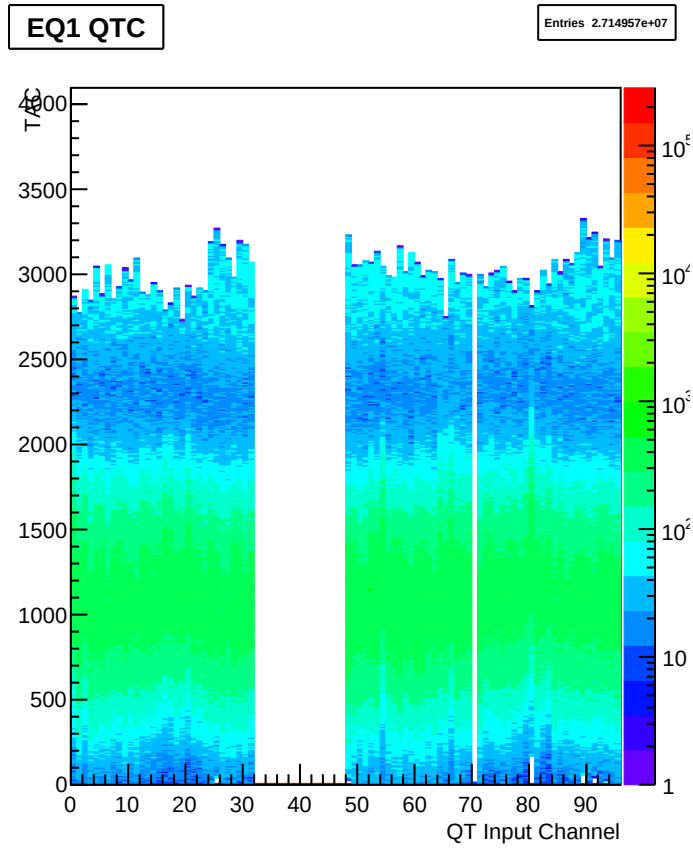

BBQ-VP002 West
Entries 4524928
ADC
QT Input Channel

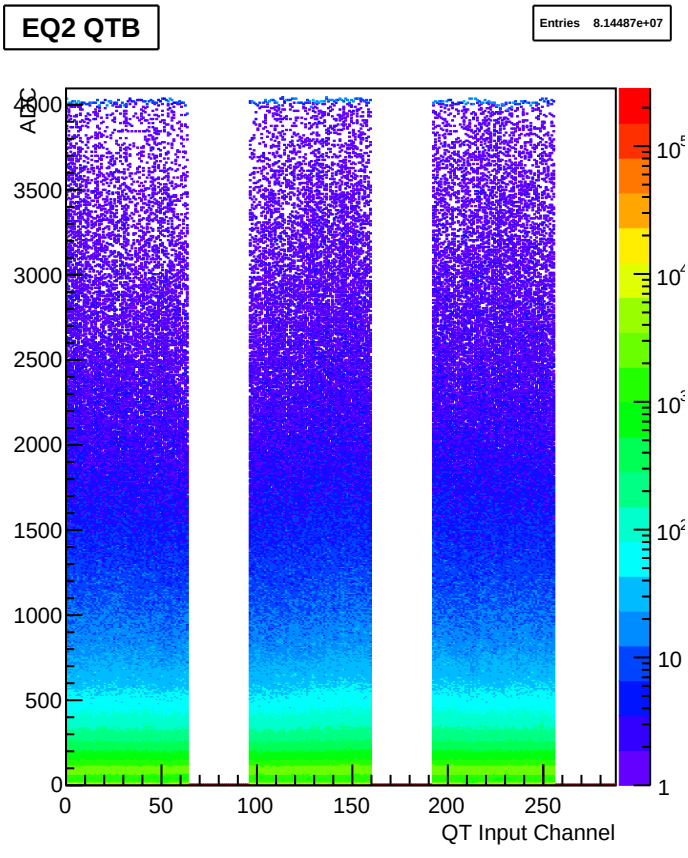

BBQ-VP002 West
Entries 4524928
TADC
QT Input Channel

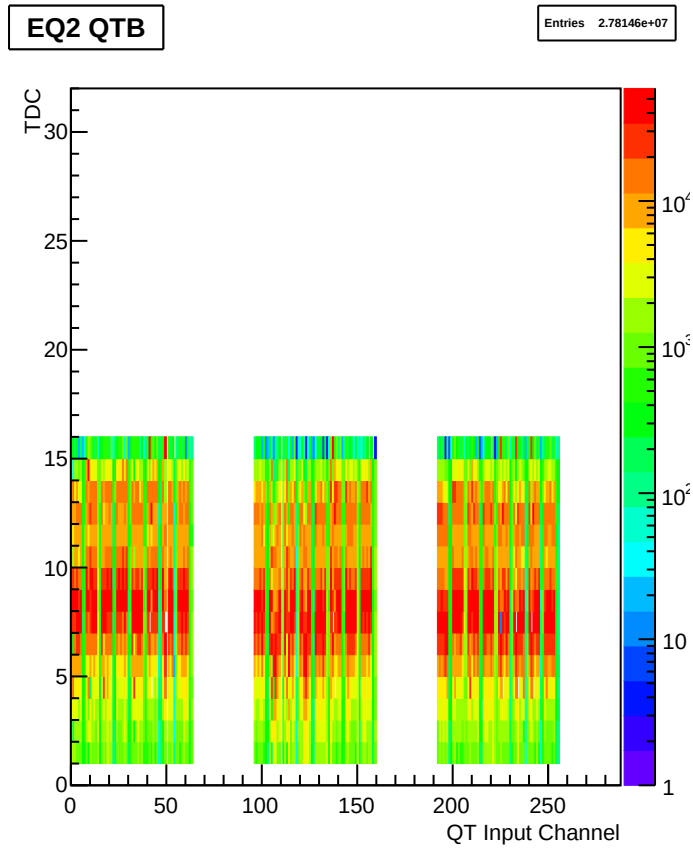

EQ1 QTB
Entries 8.14487e+07
ADC
QT Input Channel

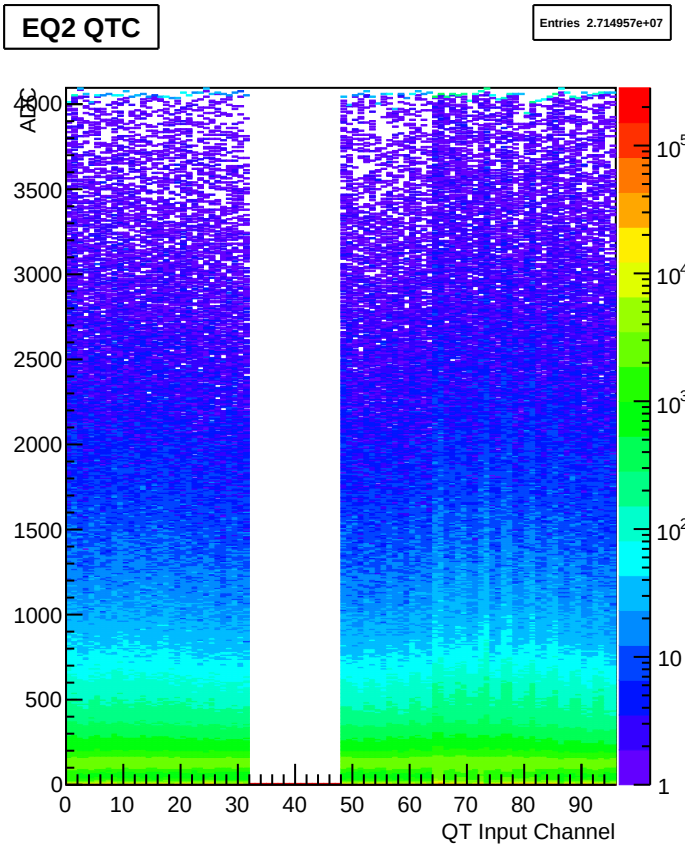

EQ1 QTB
Entries 2.780129e+07
TDC
QT Input Channel

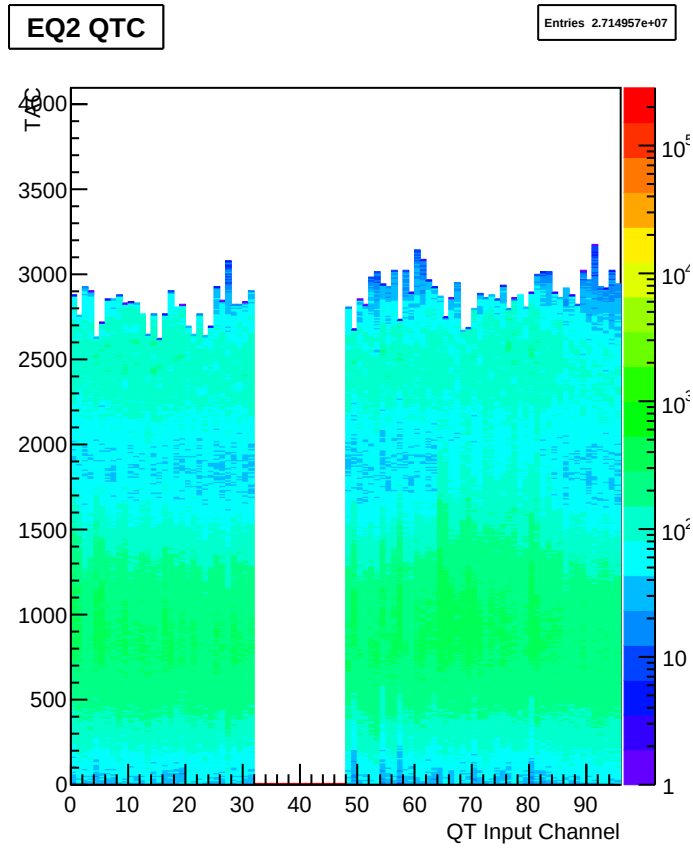

EQ1 QTC
Entries 2.714957e+07
ADC
QT Input Channel

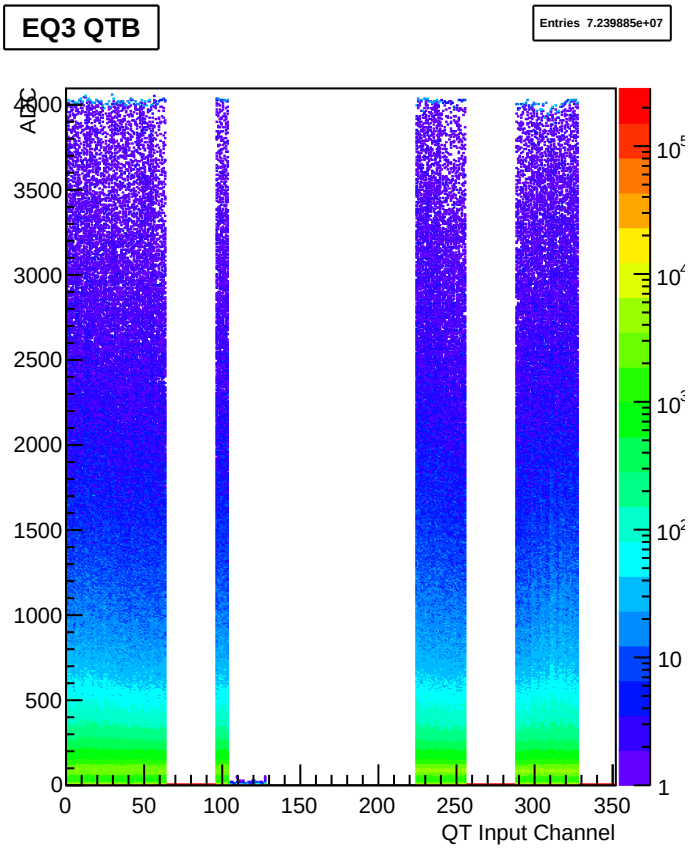

EQ1 QTC
Entries 2.714957e+07
TADC
QT Input Channel

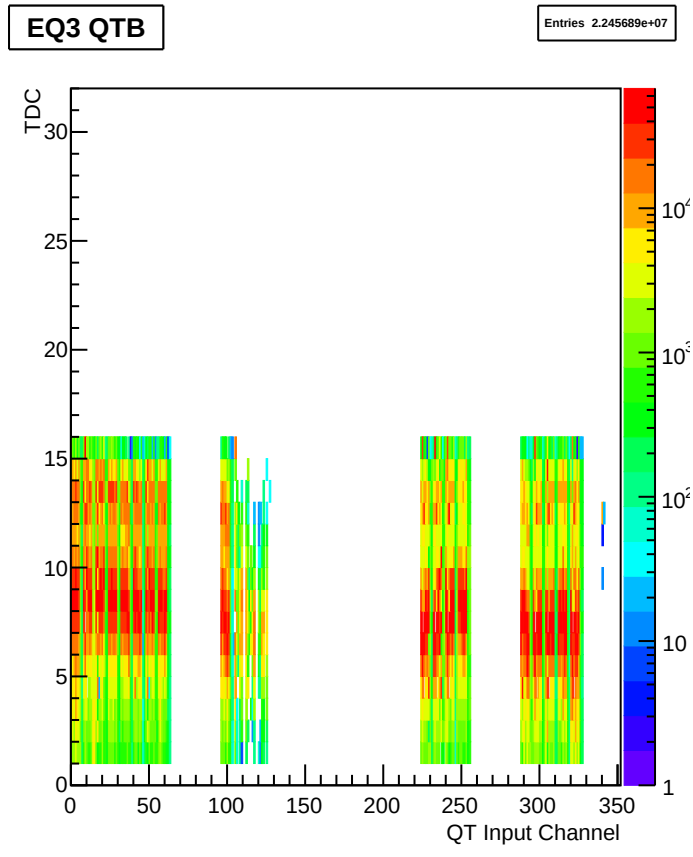

EQ2 QTB
Entries 8.14487e+07
ADC
QT Input Channel

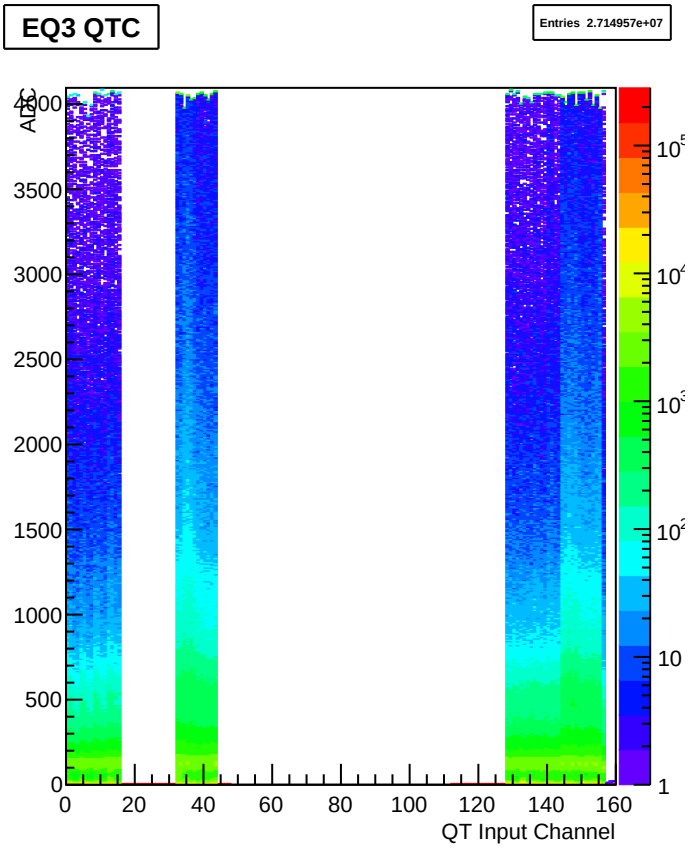

EQ2 QTB
Entries 2.78146e+07
TDC
QT Input Channel

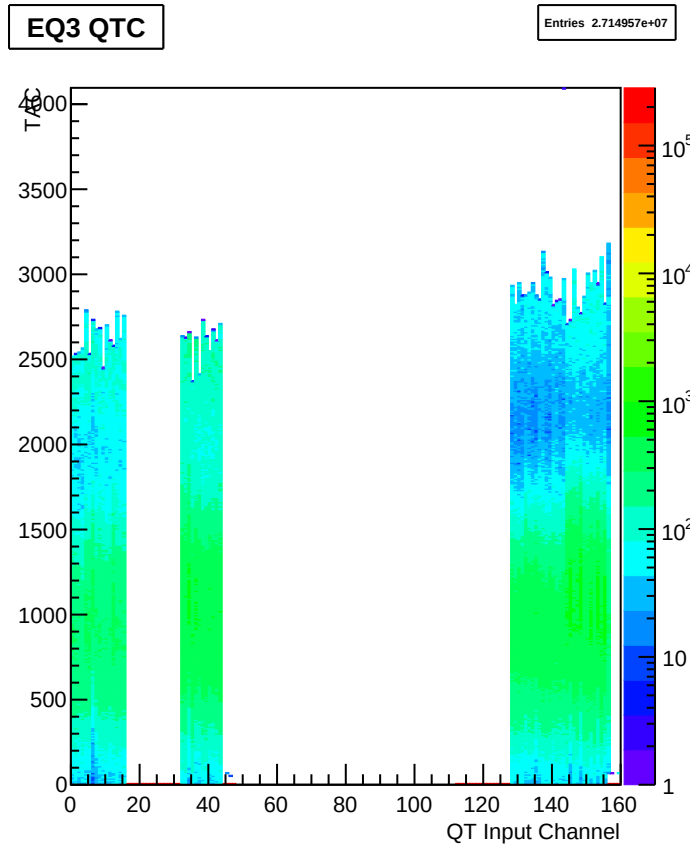

EQ2 QTC
Entries 2.714957e+07
ADC
QT Input Channel

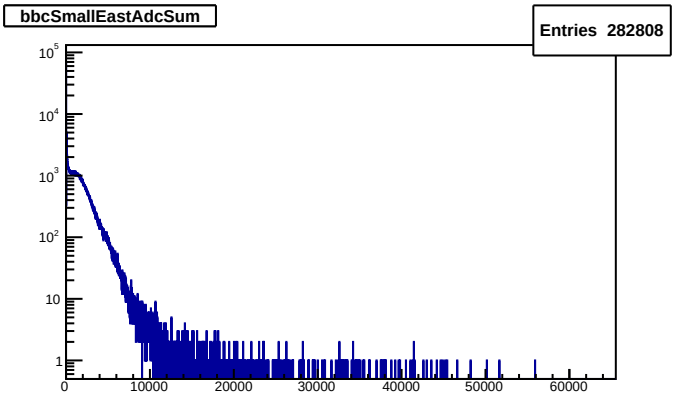

EQ2 QTC
Entries 2.714957e+07
TADC
QT Input Channel

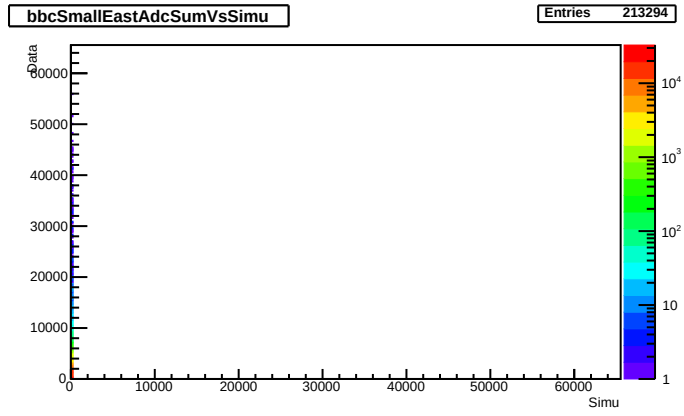

EQ3 QTB
Entries 7.239885e+07
ADC
QT Input Channel

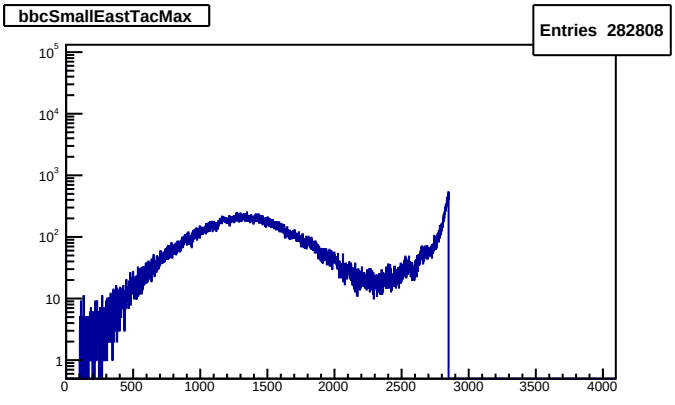

EQ3 QTB
Entries 2.245689e+07
TDC
QT Input Channel

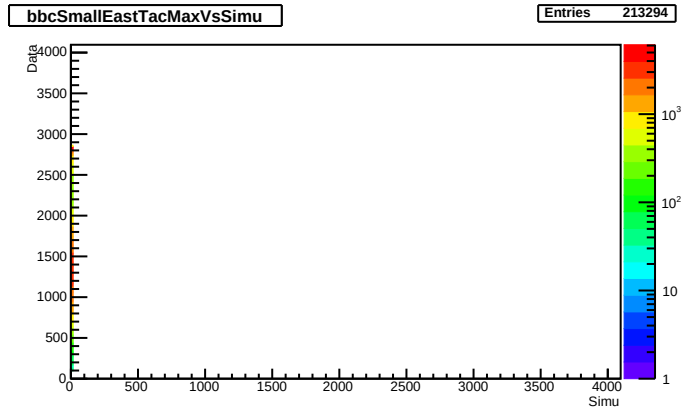

EQ3 QTC
Entries 2.714957e+07
ADC
QT Input Channel

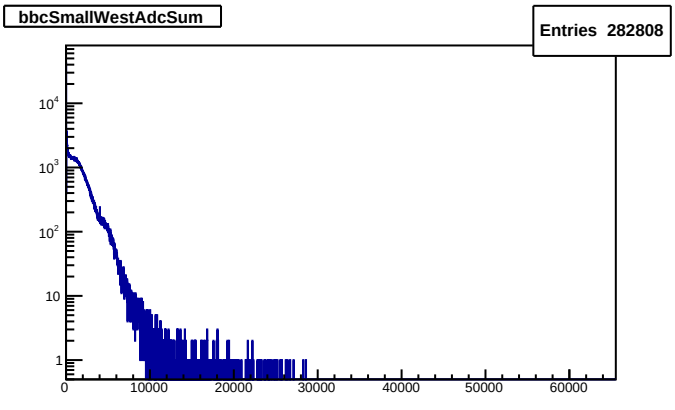

EQ3 QTC
Entries 2.714957e+07
TADC
QT Input Channel

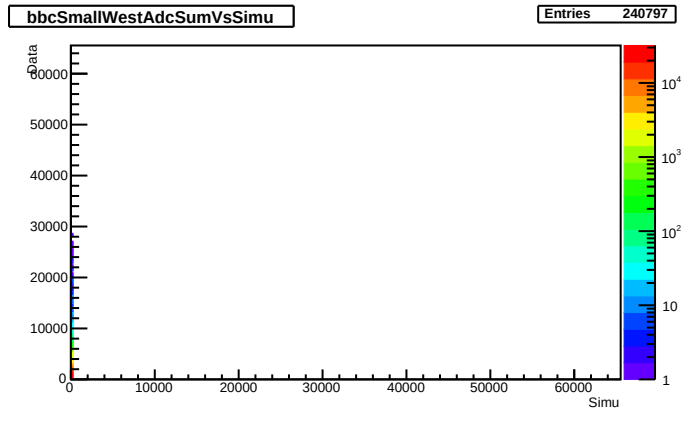

bbcSmallEastAdcSum
Entries 282808

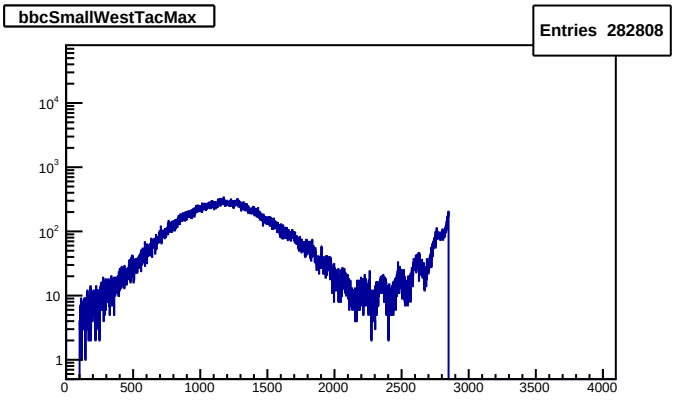

bbcSmallEastAdcSumVsSimu
Entries 213294
Data
Simu

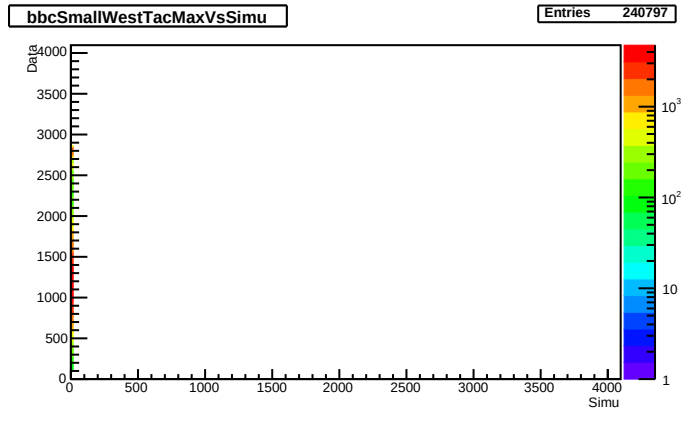

bbcSmallEastTacMax
Entries 282808

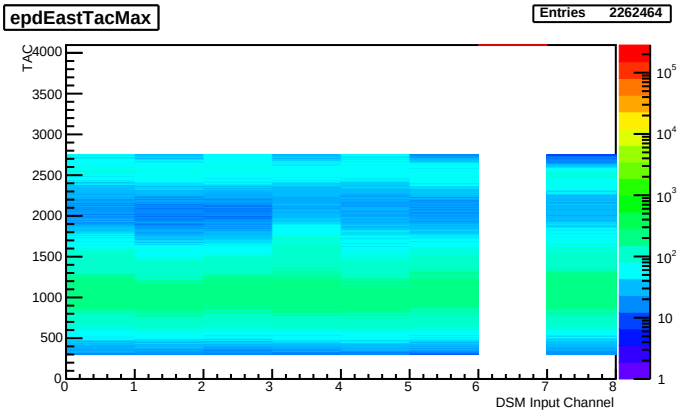

bbcSmallEastTacMaxVsSimu
Entries 213294
Data
Simu

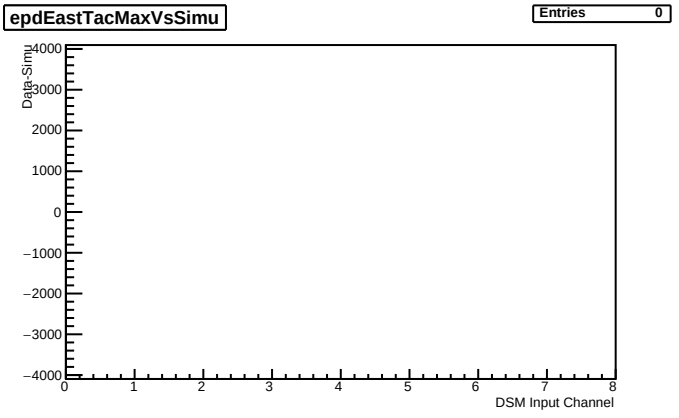

bbcSmallWestAdcSum
Entries 282808

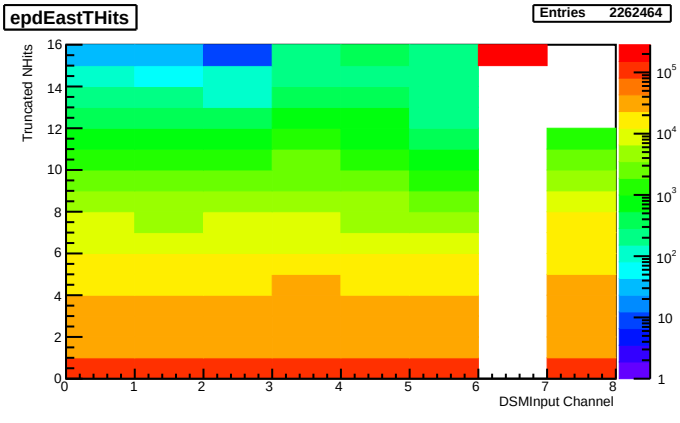

bbcSmallWestAdcSumVsSimu
Entries 240797
Data
Simu

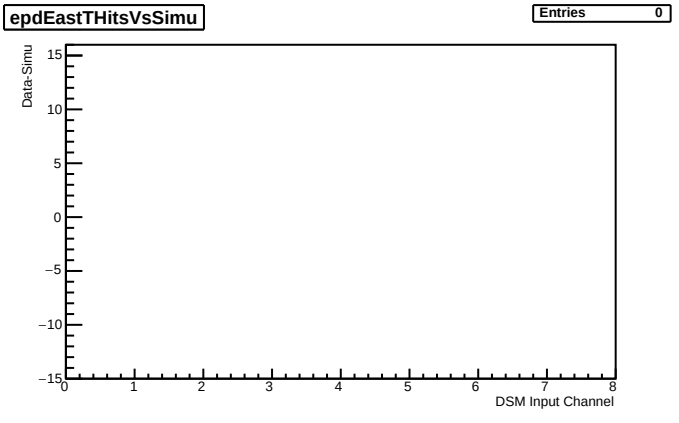

bbcSmallWestTacMax
Entries 282808


bbcSmallWestTacMaxVsSimu
Entries 240797
Data
Simu


epdEastTacMax
Entries 2262464
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2262464
Truncated NHits
DSMInput Channel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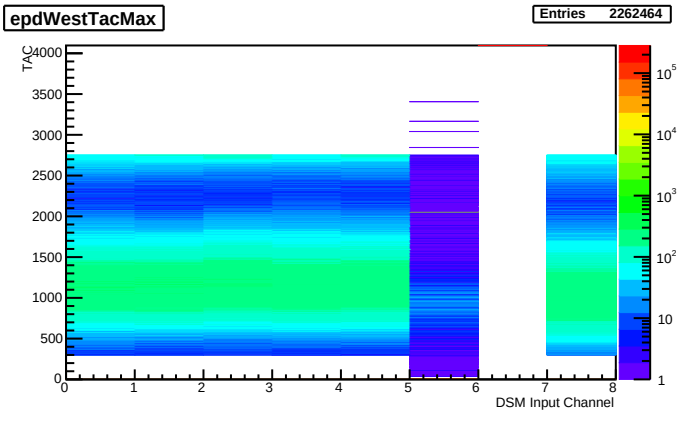
Entries 0
Data-Simu
DSM Input Channel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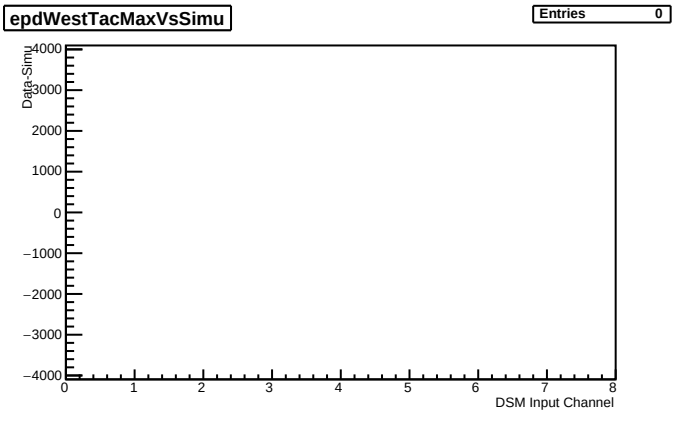
Entries 2262464
TAC
DSM Input Channel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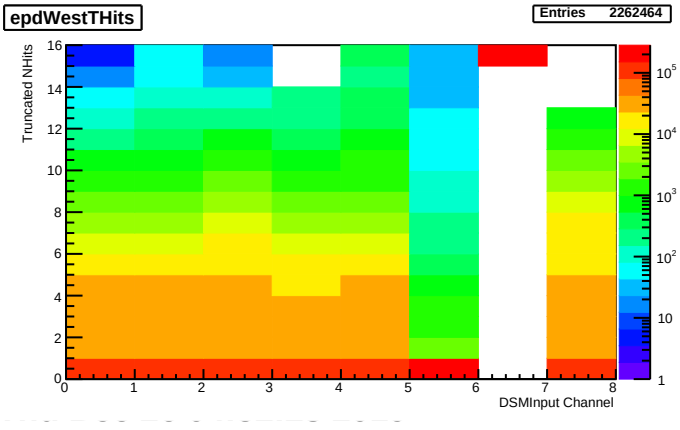
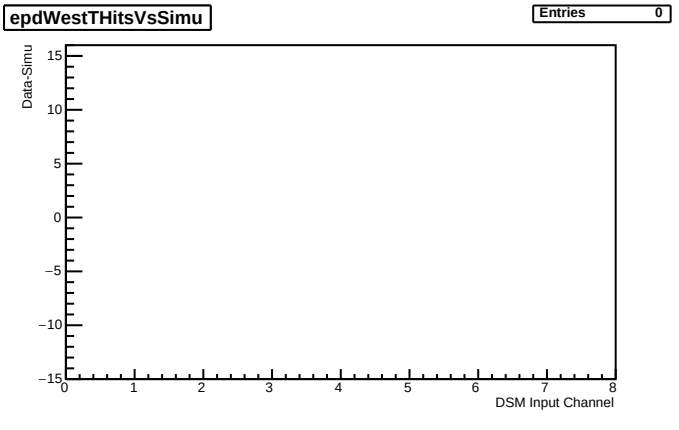
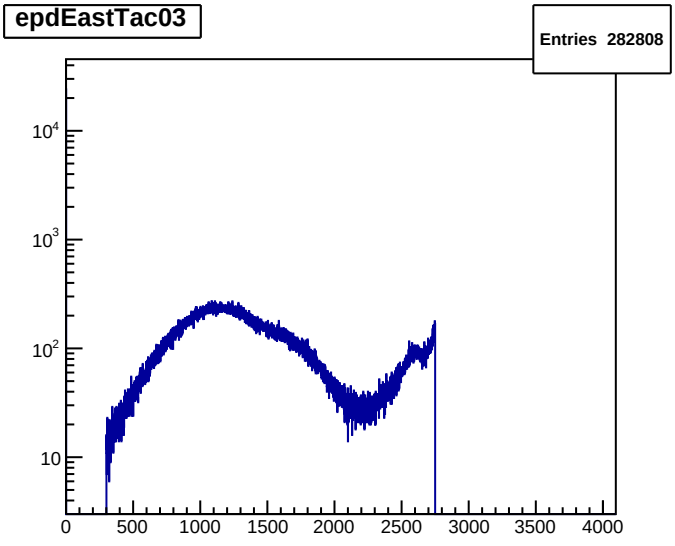
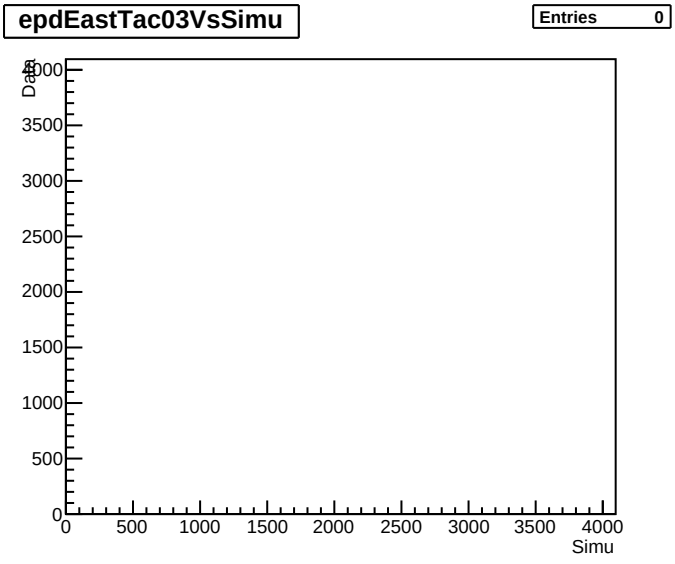
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2262464
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 282808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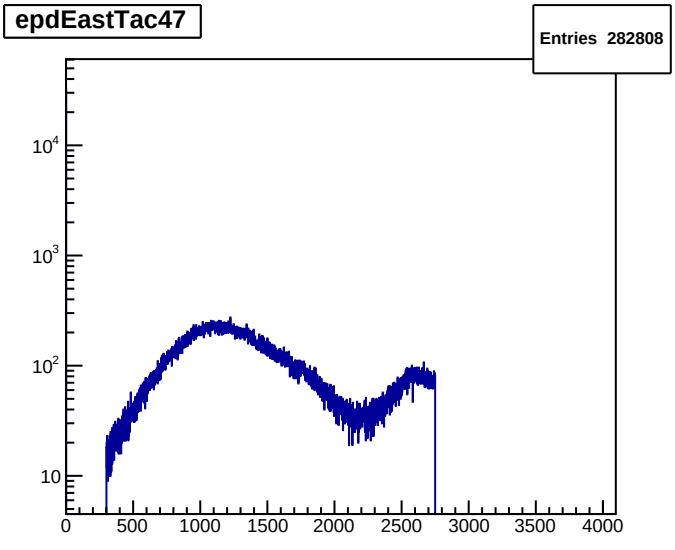
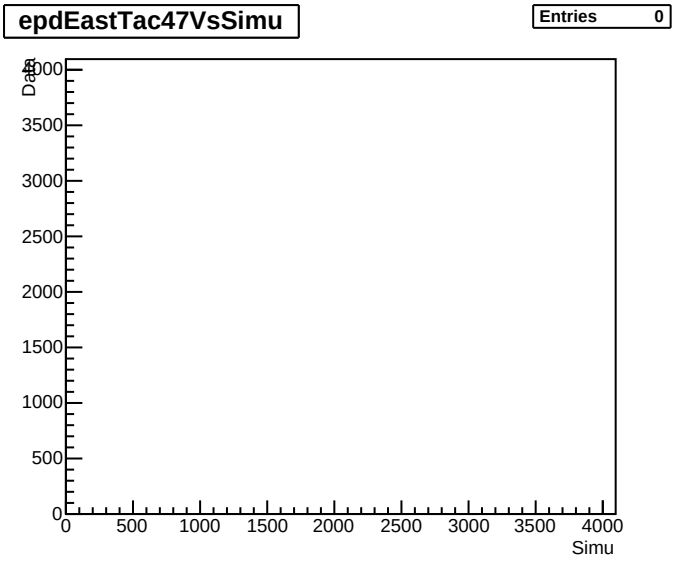
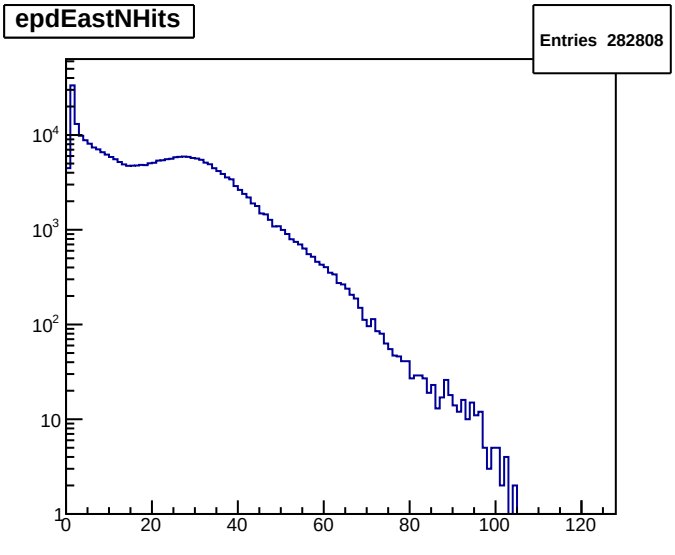
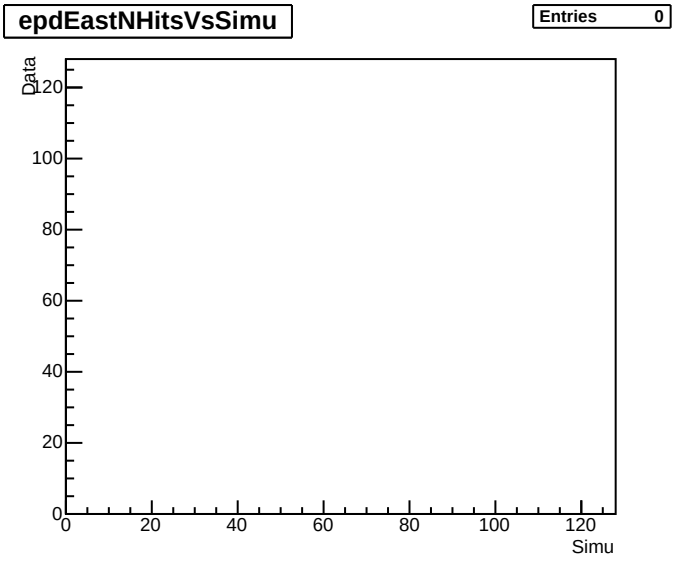
Entries 0
Data
Simu


epdEastTac47
Entries 282808


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 282808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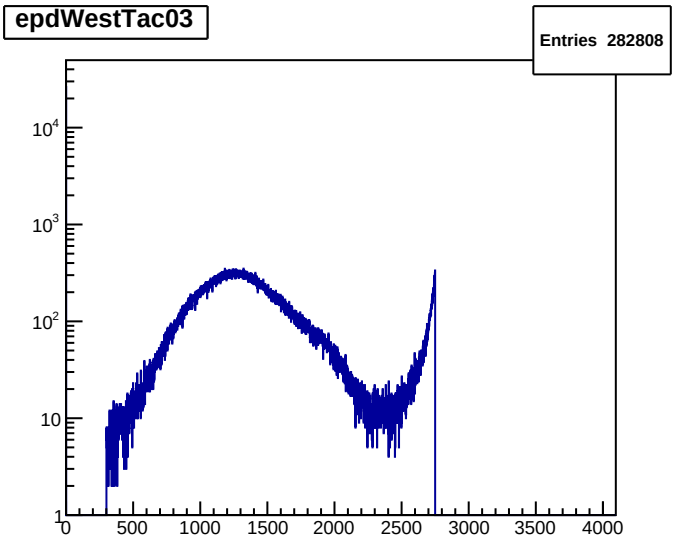
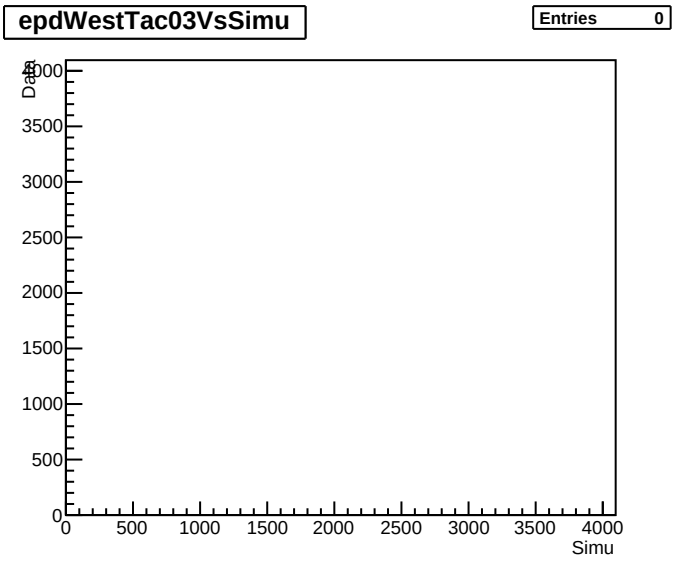
Entries 0
Data
Simu


epdWestTac03
Entries 282808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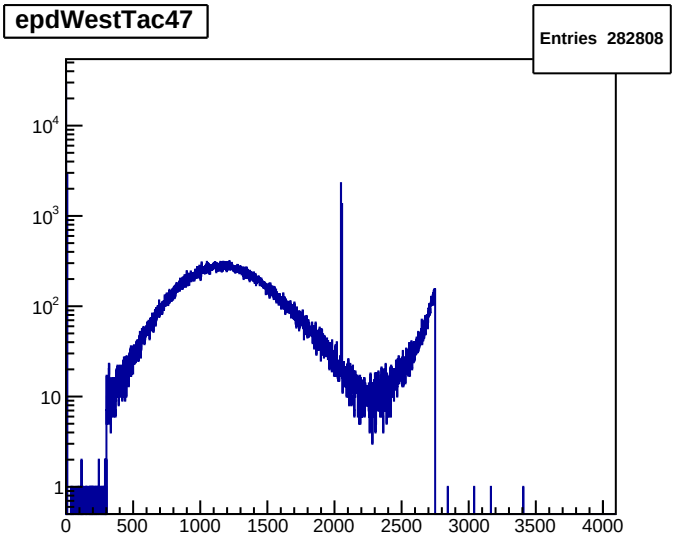
Entries 0
Data
Simu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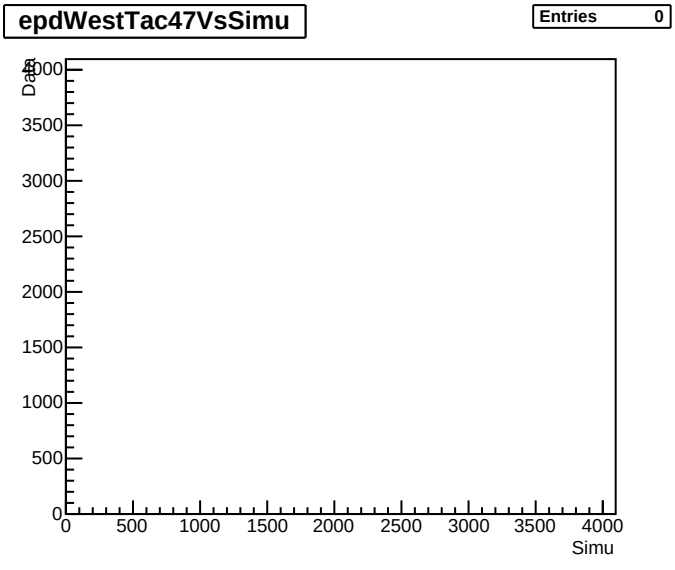
Entries 282808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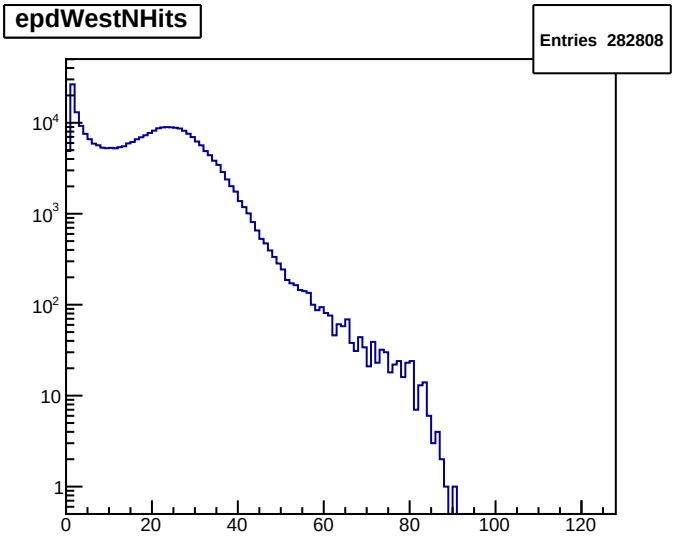
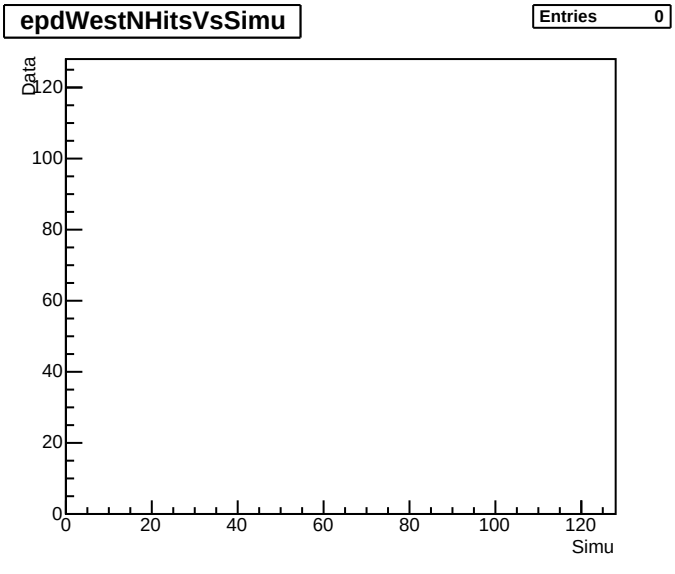
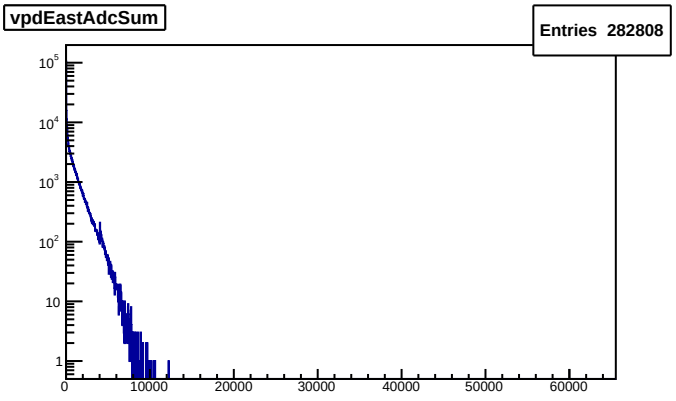
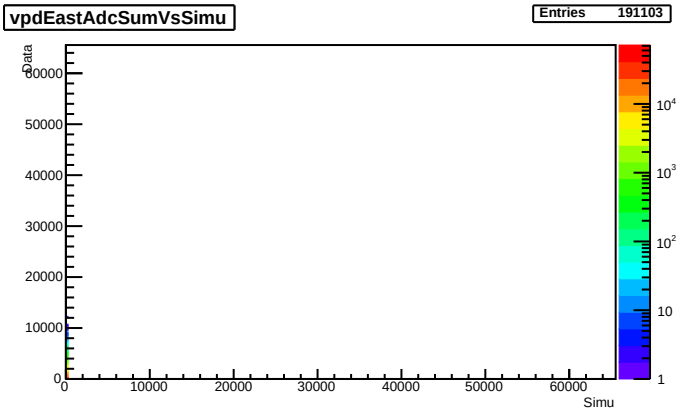
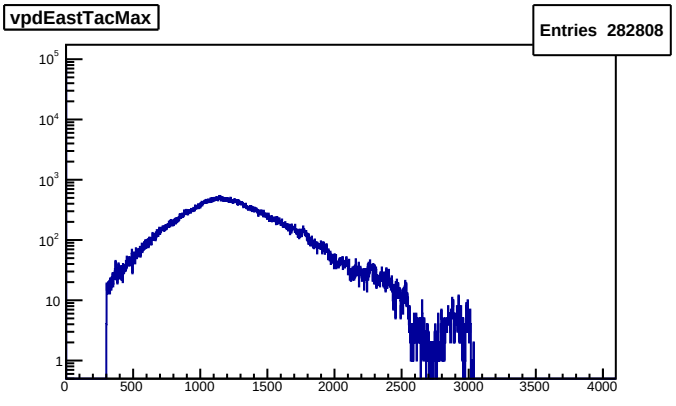
Entries 0
Data
Simu

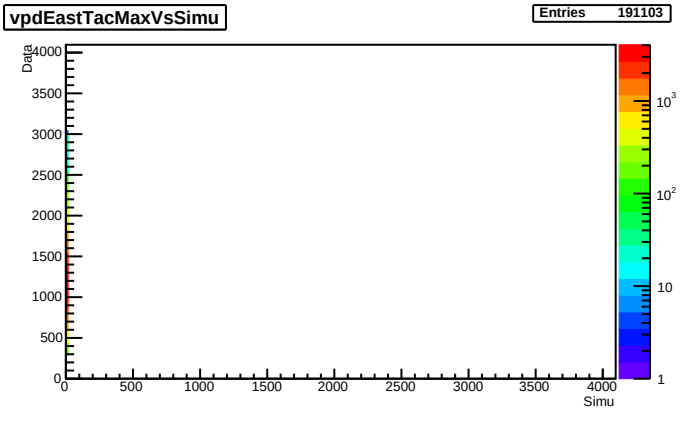

epdWestNHits
Entries 282808

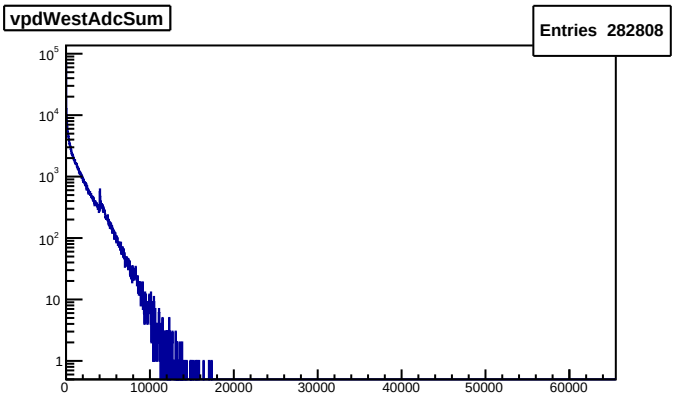

epdWestNHitsVsSimu
Entries 0
Data
Simu

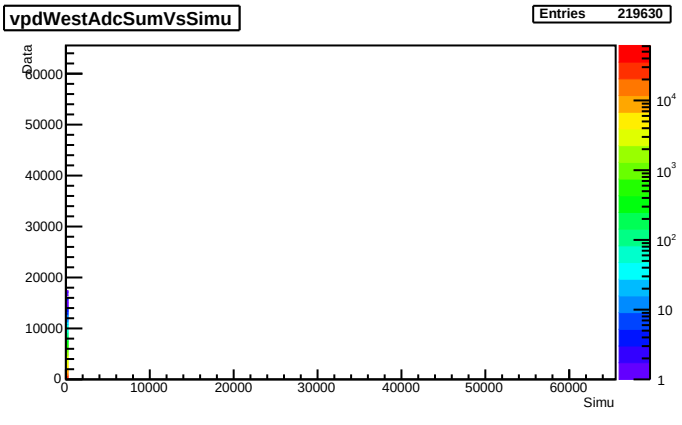

vpdEastAdcSum
Entries 282808

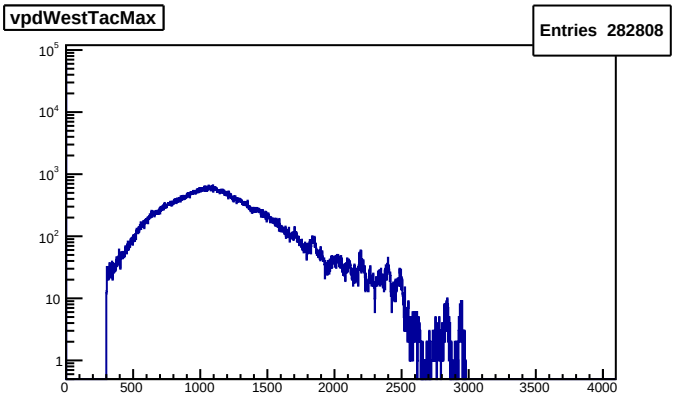

vpdEastAdcSumVsSimu
Entries 191103
Data
Simu

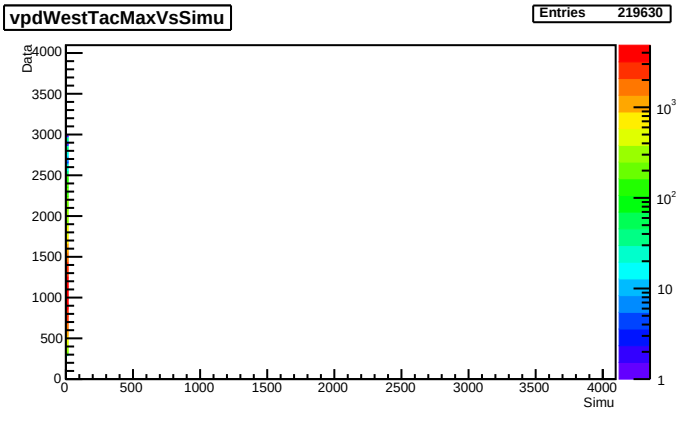

vpdEastTacMax
Entries 282808

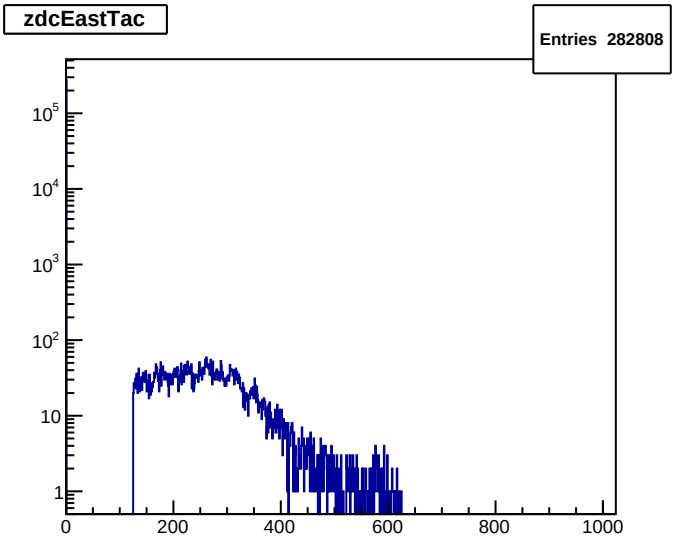

vpdEastTacMaxVsSimu
Entries 191103
Data
Simu

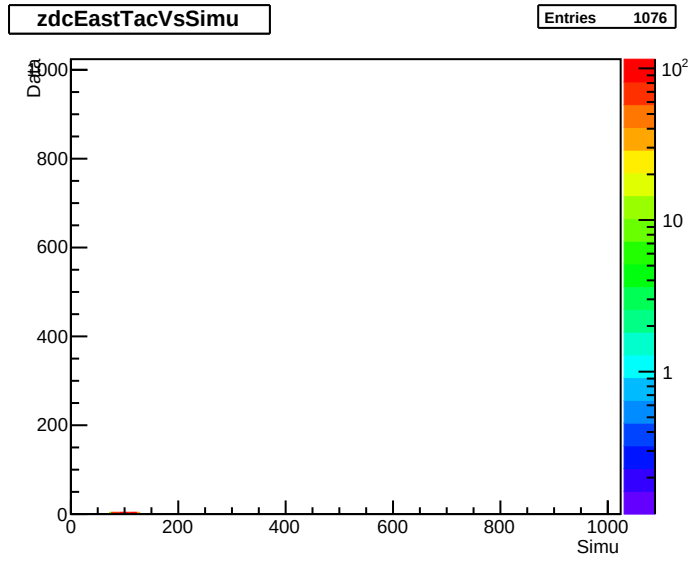

vpdWestAdcSum
Entries 282808

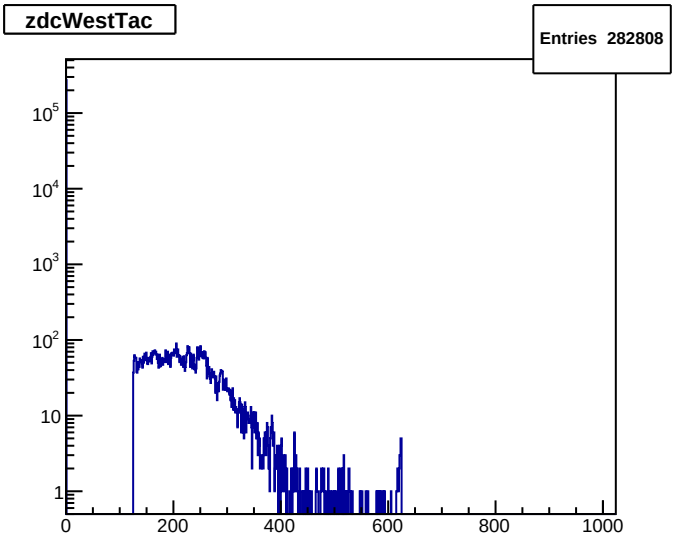

vpdWestAdcSumVsSimu
Entries 219630
Data
Simu

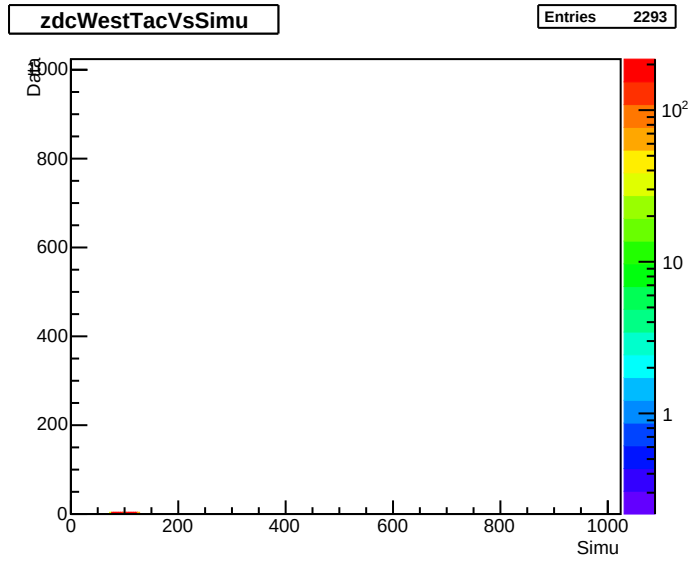

vpdWestTacMax
Entries 282808

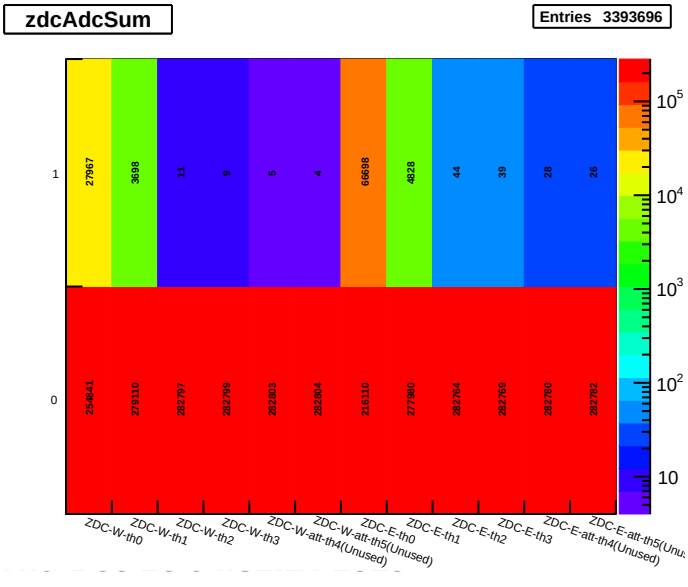

vpdWestTacMaxVsSimu
Entries 219630
Data
Simu

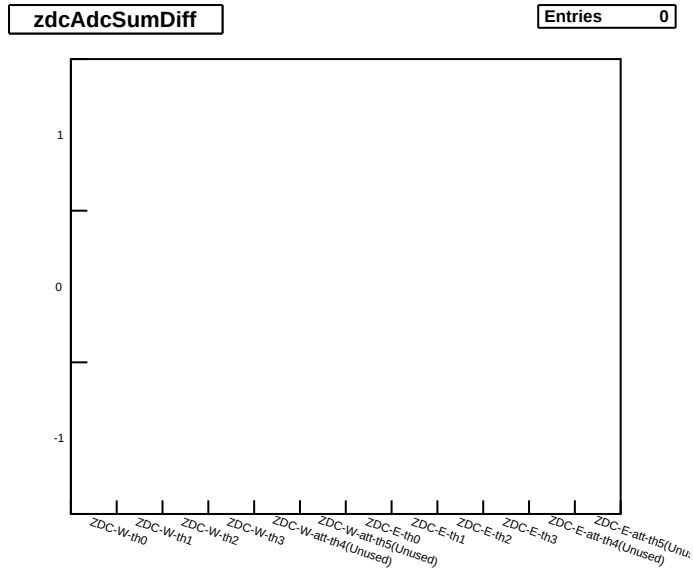

zdcEastTac
Entries 282808

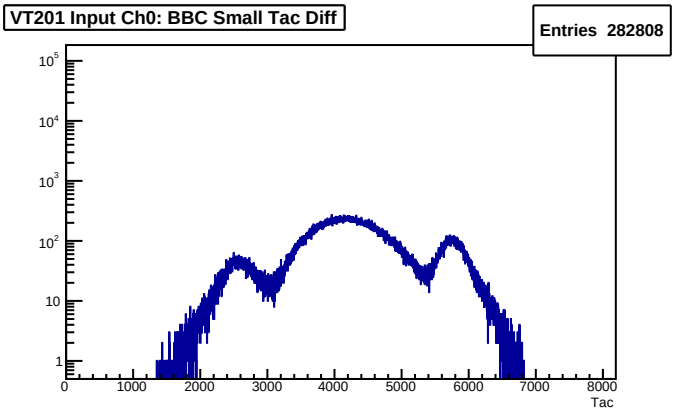

zdcEastTacVsSimu
Entries 1076
Data
Simu

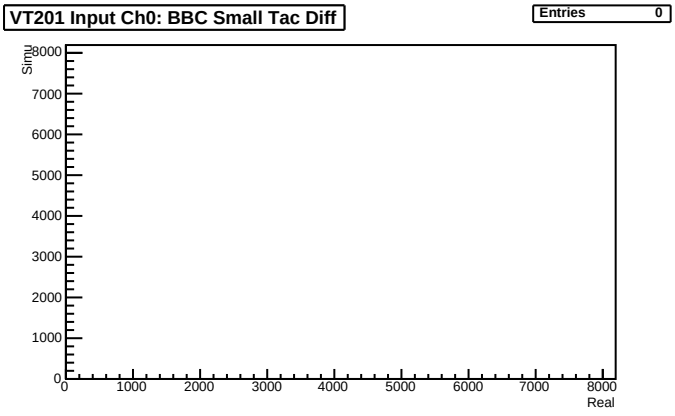

zdcWestTac
Entries 282808

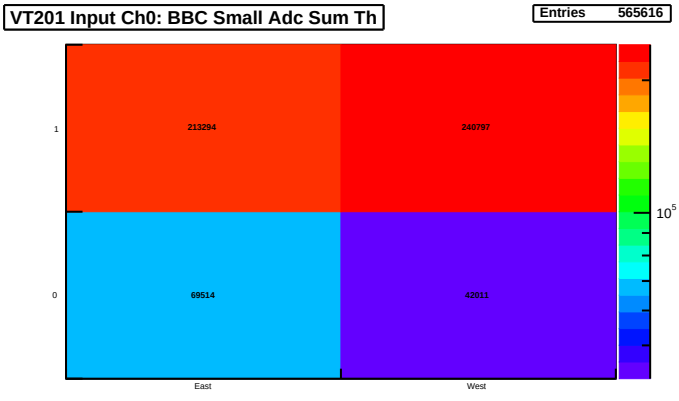

zdcWestTacVsSimu
Entries 2293
Data
Simu

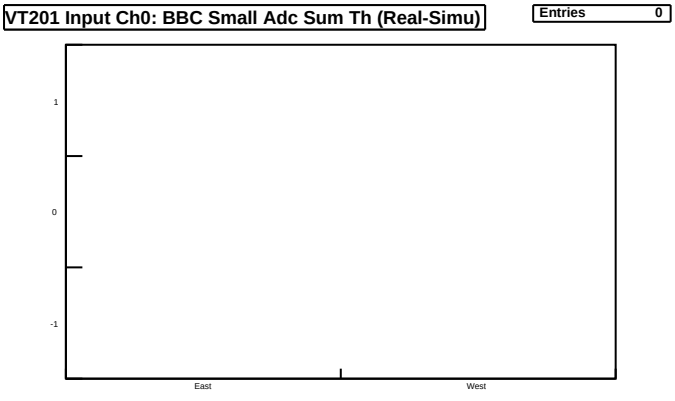

zdcAdcSum
Entries 3393696
27967
3698
11
9
5
4
66698
4828
44
39
28
26
254641
279110
282797
282799
282803
282804
216110
277880
282764
282769
282780
282782
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

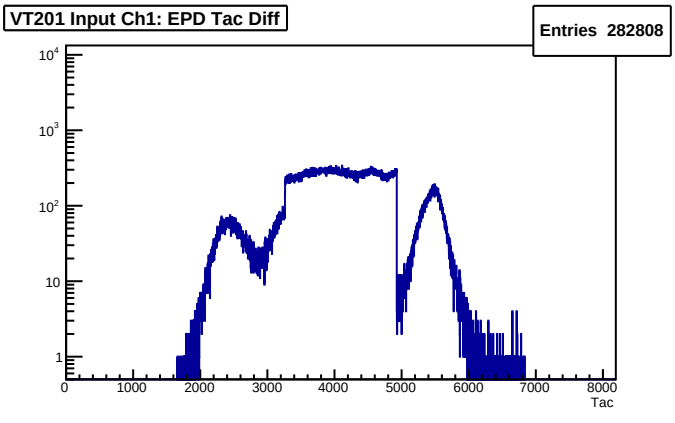

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

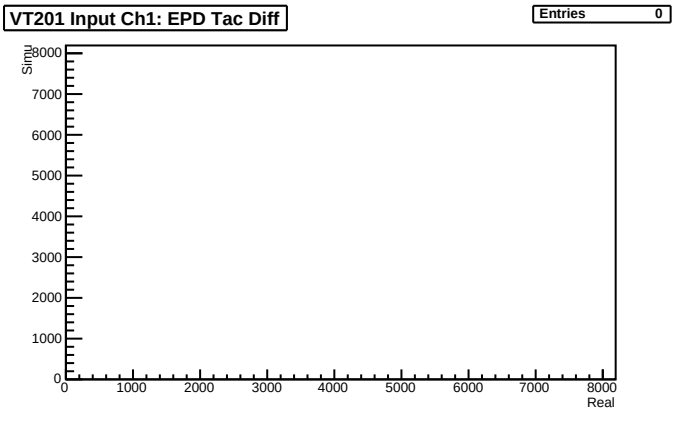

VT201 Input Ch0: BBC Small Tac Diff
Entries 282808
Tac

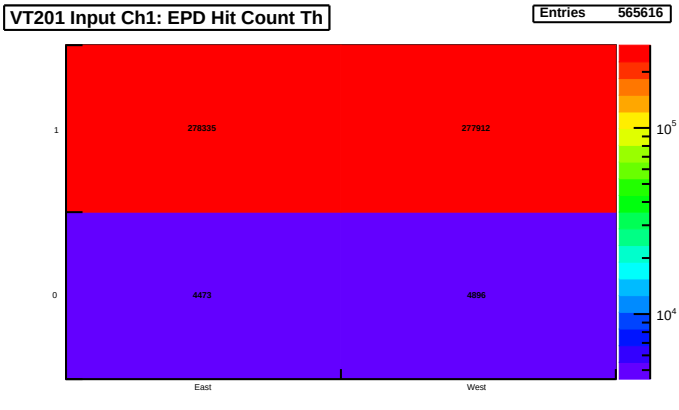

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

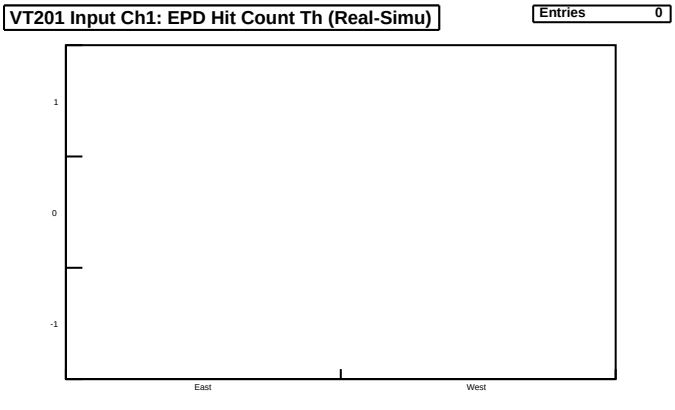

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 565616
213294
240797
69514
42011
East
West

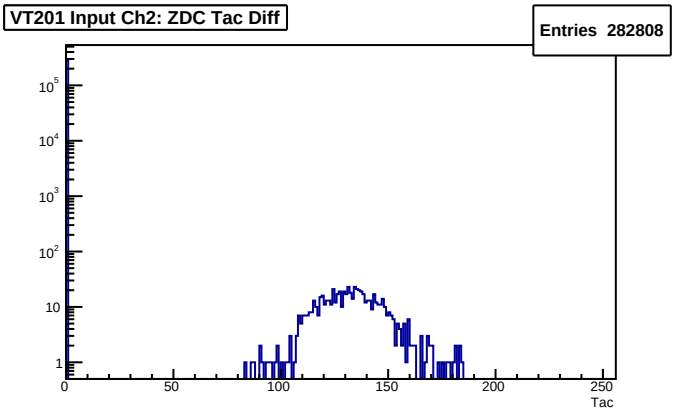

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

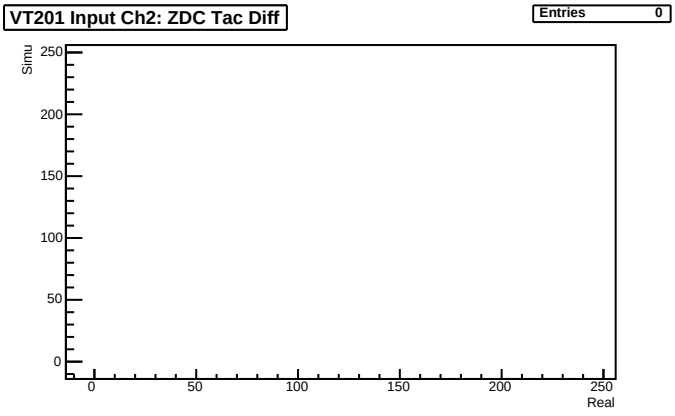

VT201 Input Ch1: EPD Tac Diff
Entries 282808
Tac

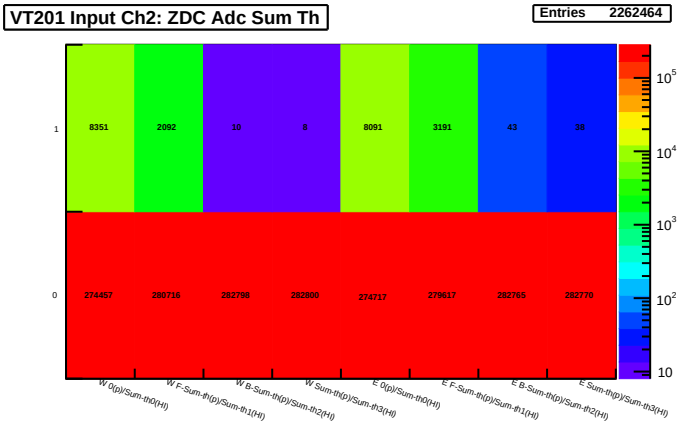

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

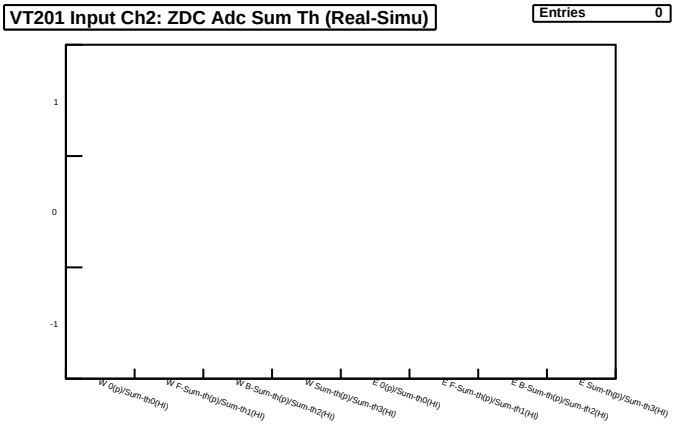

VT201 Input Ch1: EPD Hit Count Th
Entries 565616
278335
277912
4473
4896
East
West

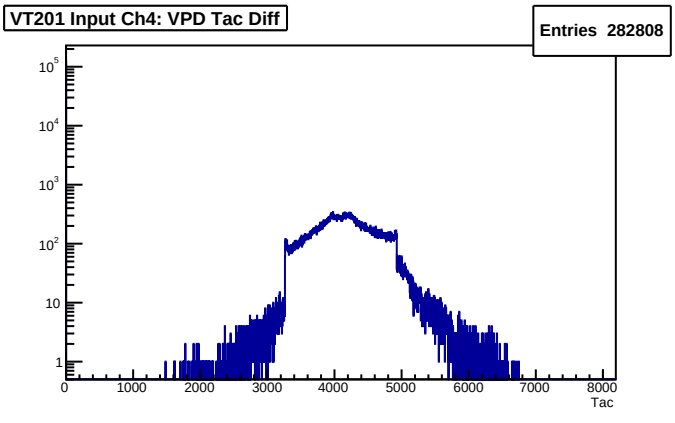

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

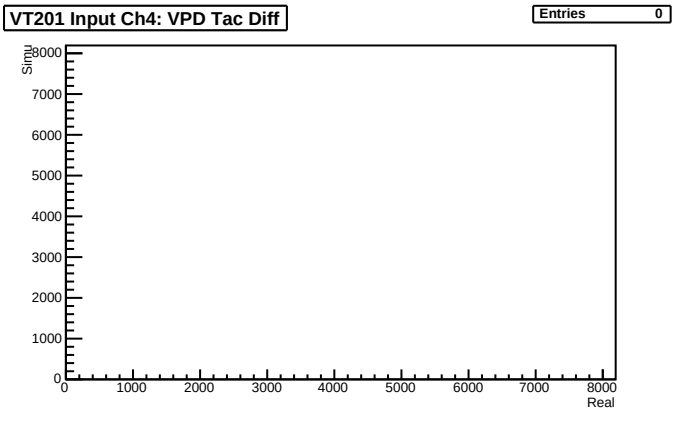

VT201 Input Ch2: ZDC Tac Diff
Entries 282808
Tac

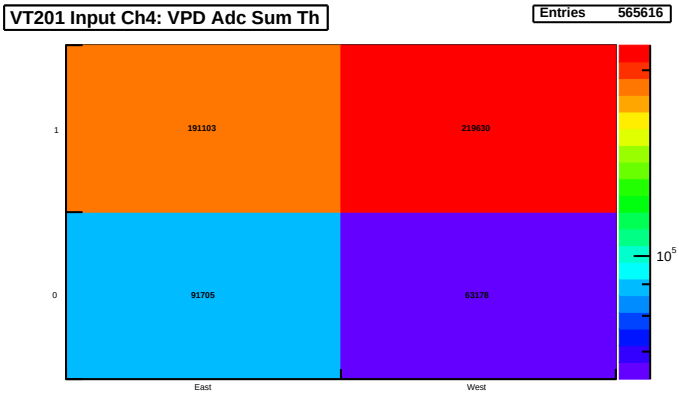

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

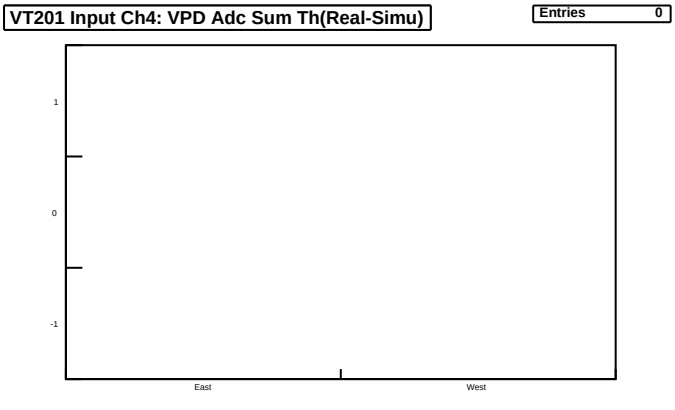

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2262464
8351
2092
10
8
8091
3191
43
38
274457
280716
282798
282800
274717
279617
282765
282770
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

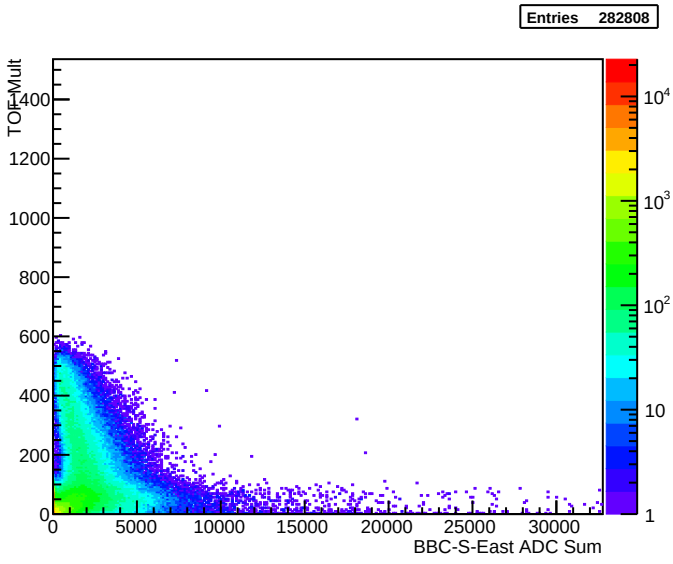

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

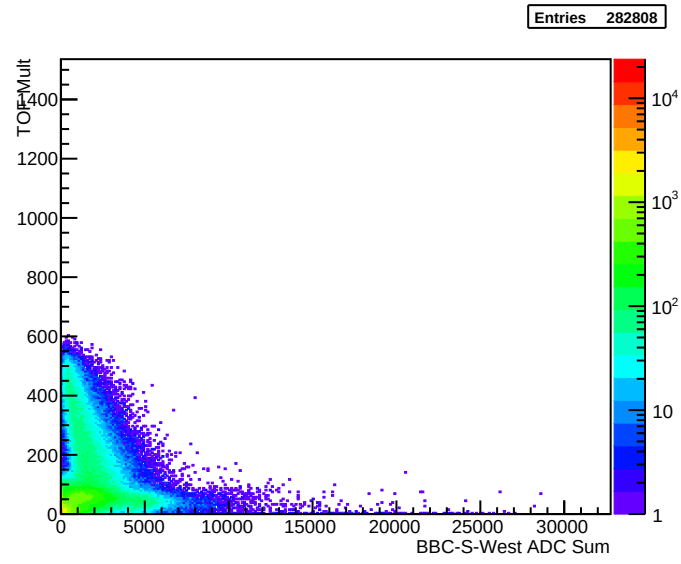

VT201 Input Ch4: VPD Tac Diff
Entries 282808
Tac

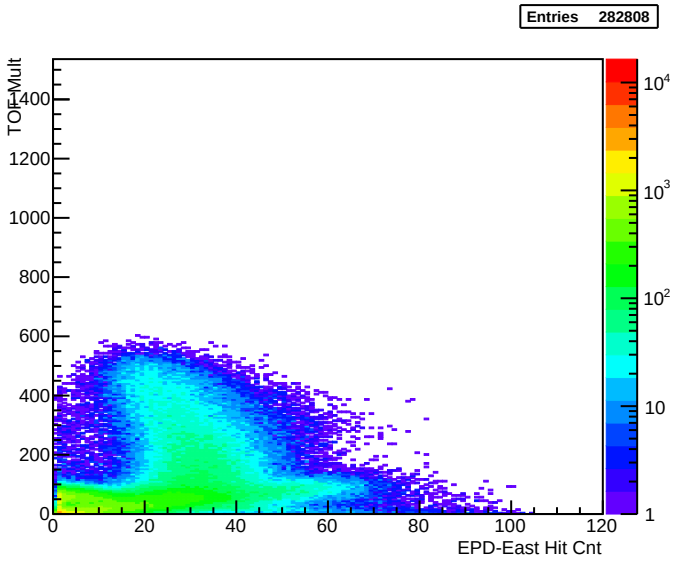

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

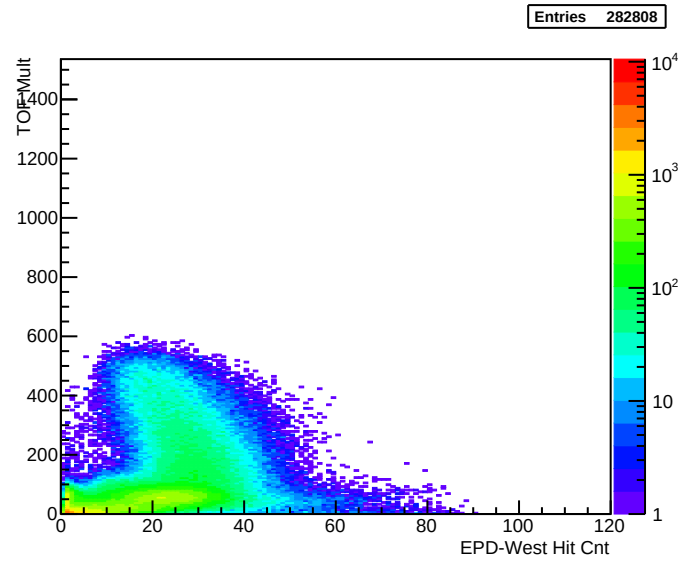

VT201 Input Ch4: VPD Adc Sum Th
Entries 565616
191103
219630
91705
63178
East
West

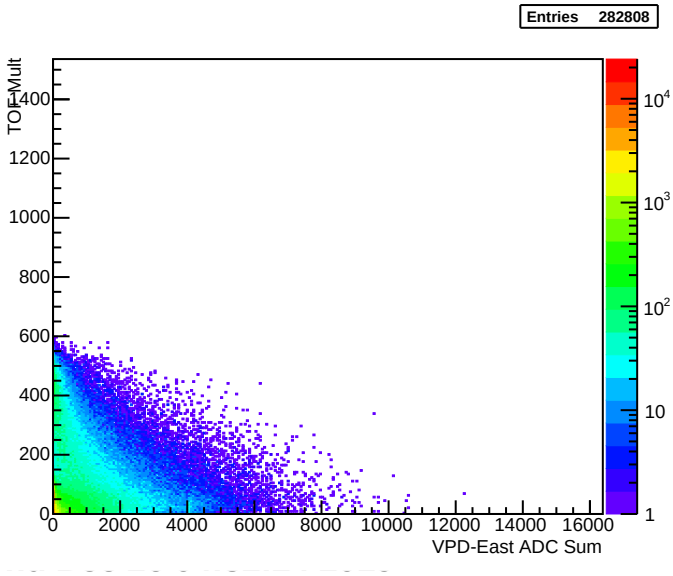

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

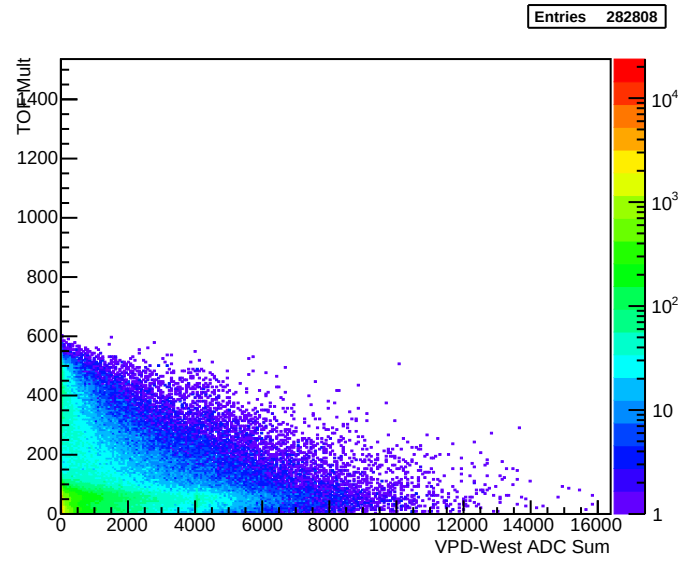

Entries 282808
TOF-Mult
BBC-S-East ADC Sum

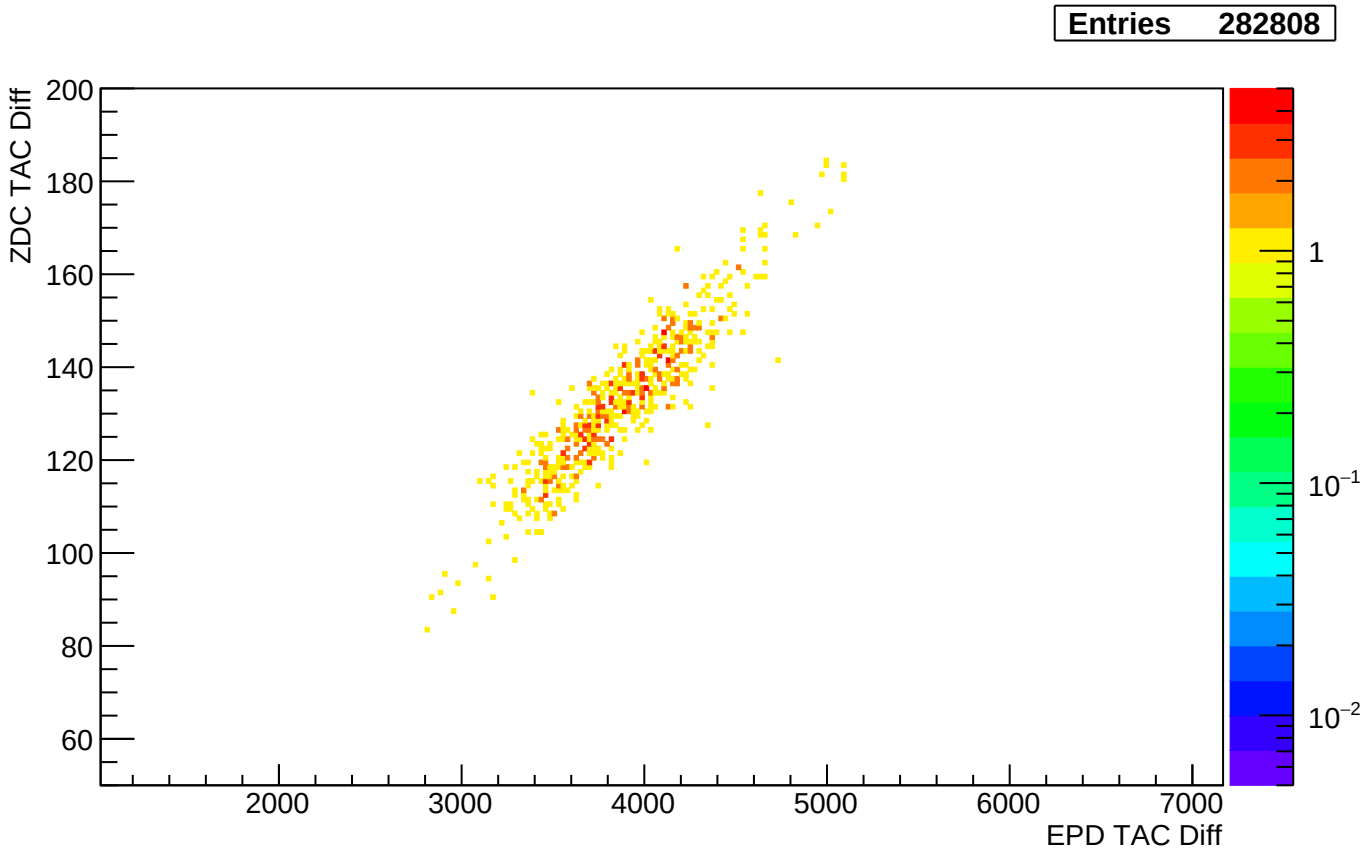

Entries 282808
TOF-Mult
BBC-S-West ADC Sum

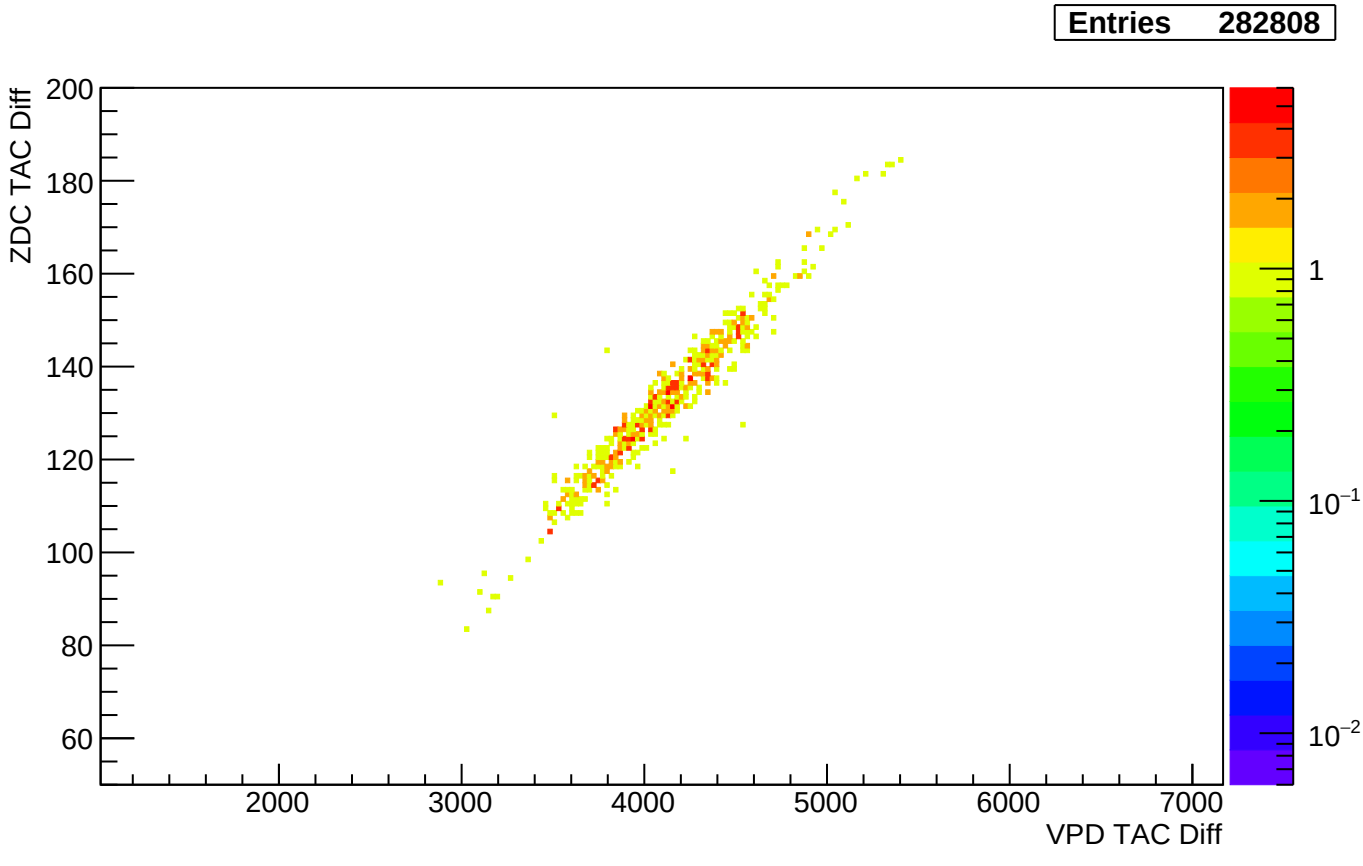

Entries 282808
TOF-Mult
EPD-East Hit Cnt

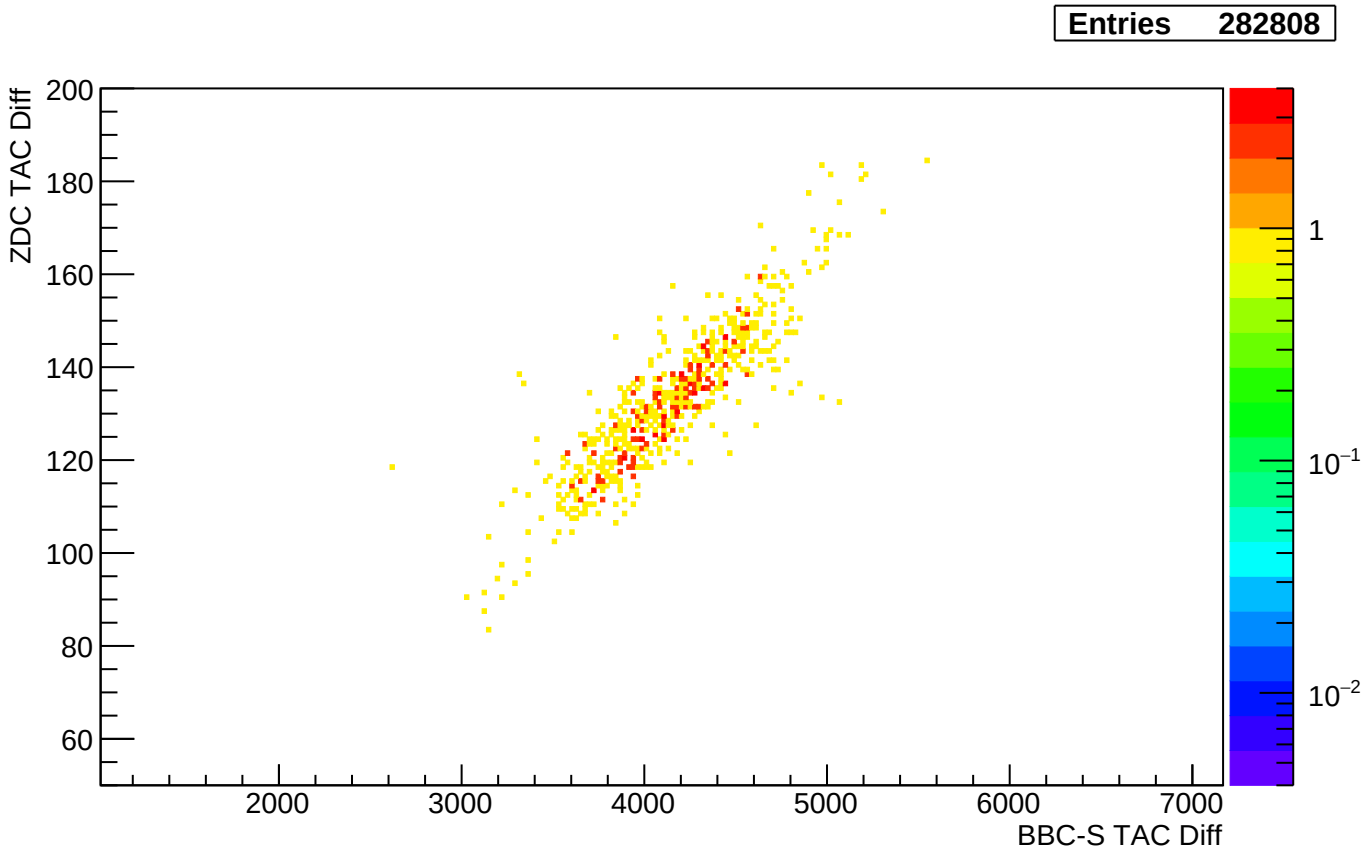

Entries 282808
TOF-Mult
EPD-West Hit Cnt

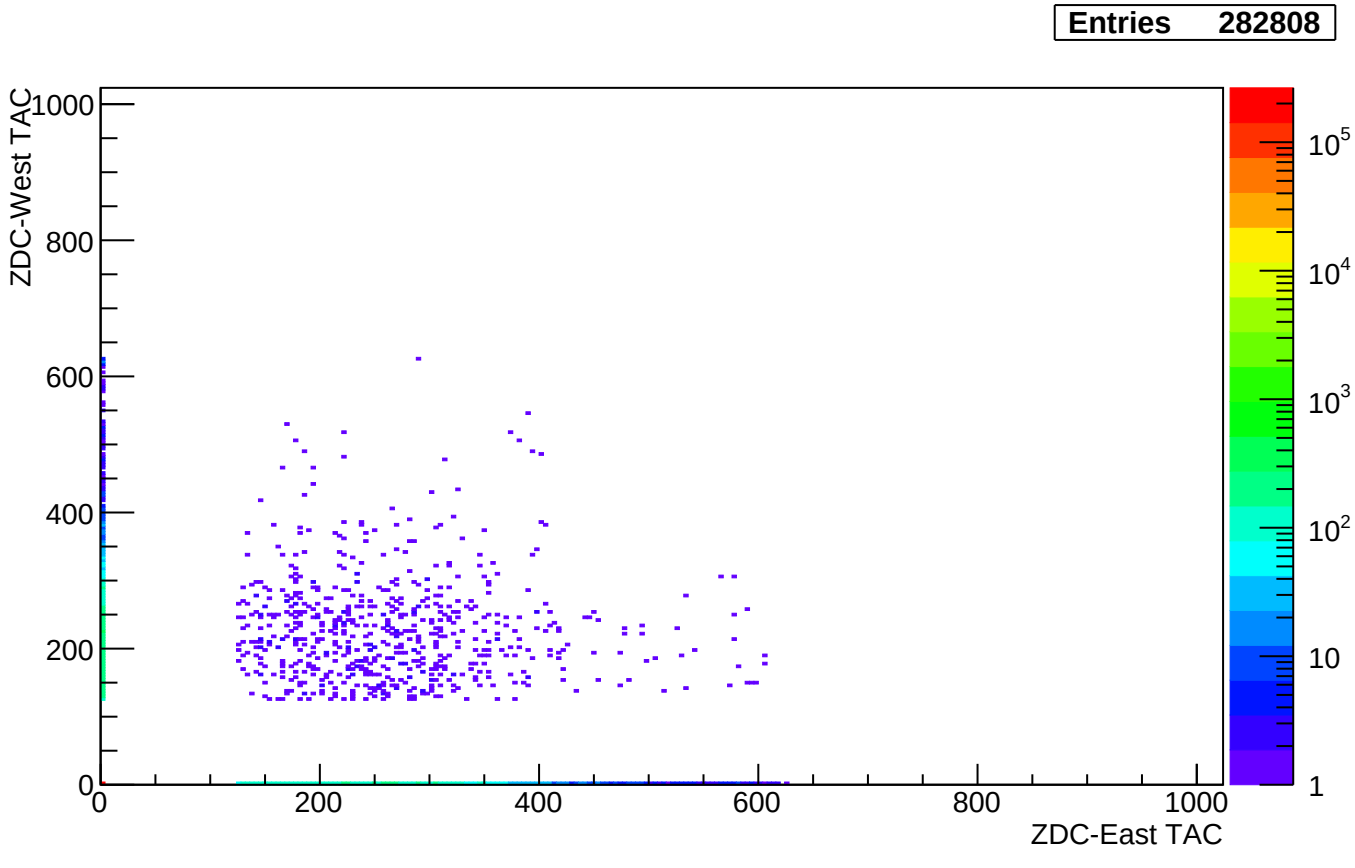

Entries 282808
TOF-Mult
VPD-East ADC Sum

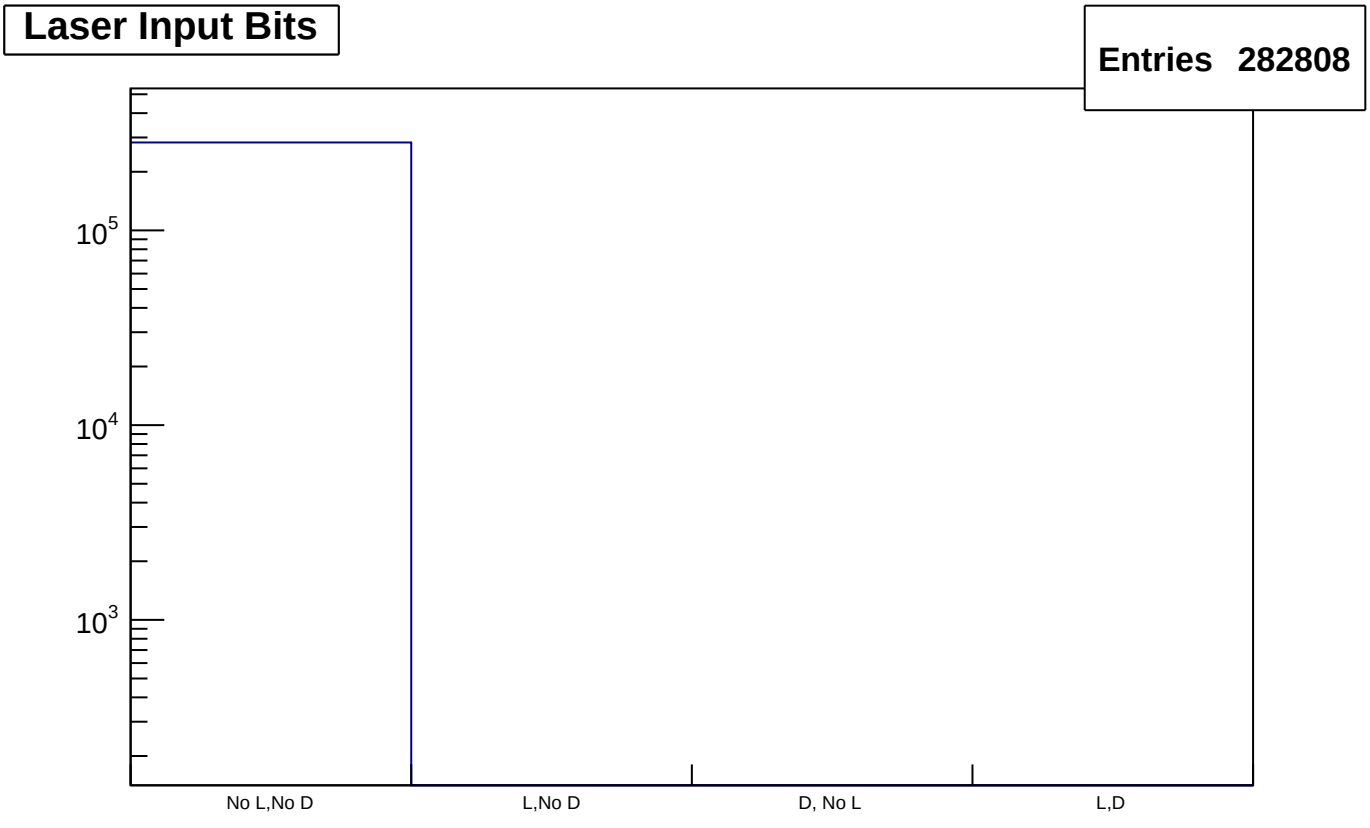

Entries 282808
TOF-Mult
VPD-West ADC Sum

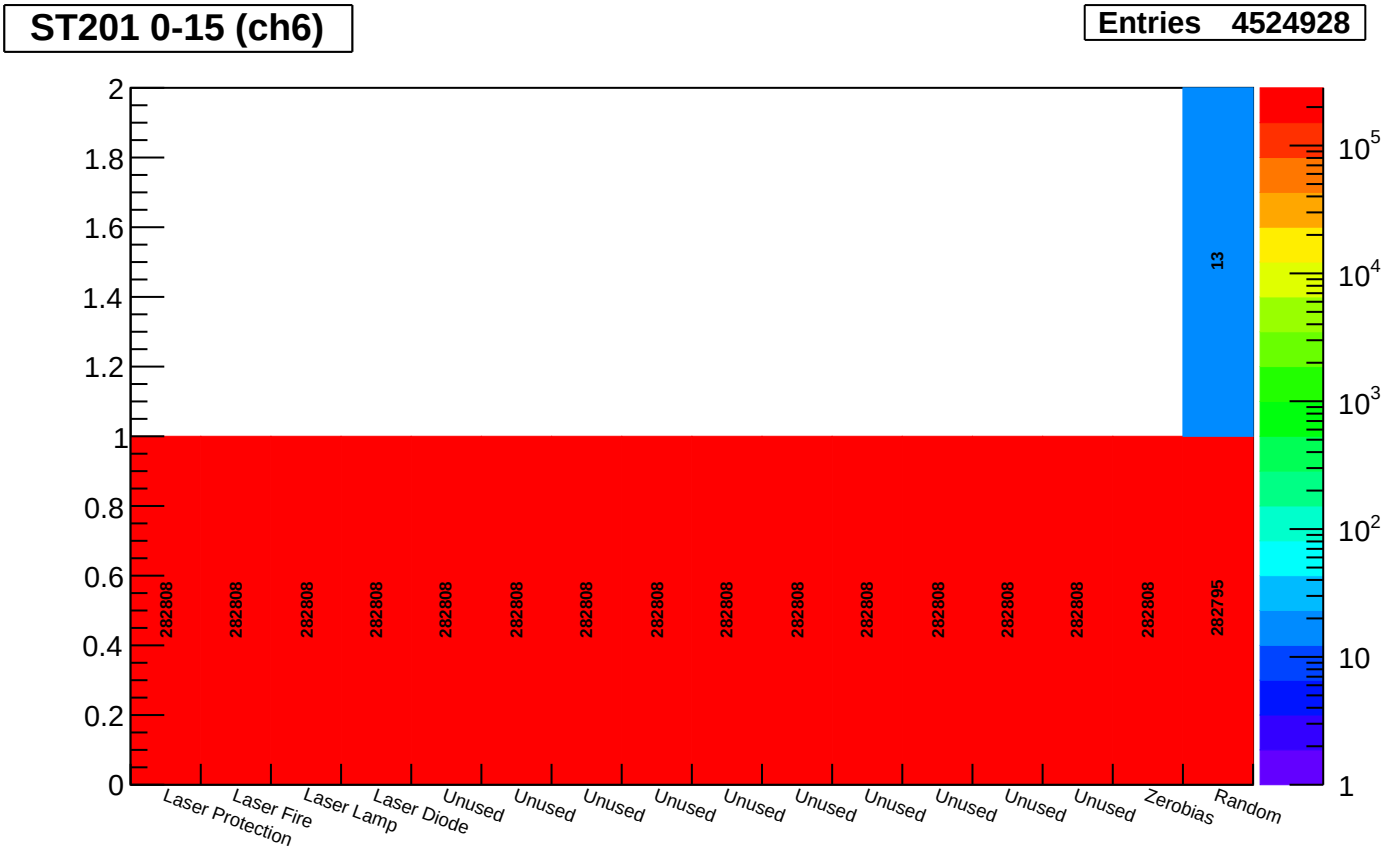

Entries 282808
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

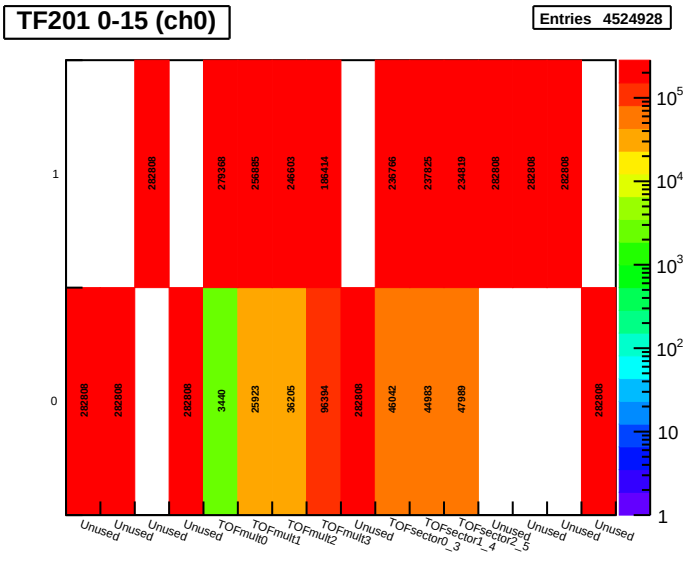

Entries 282808
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

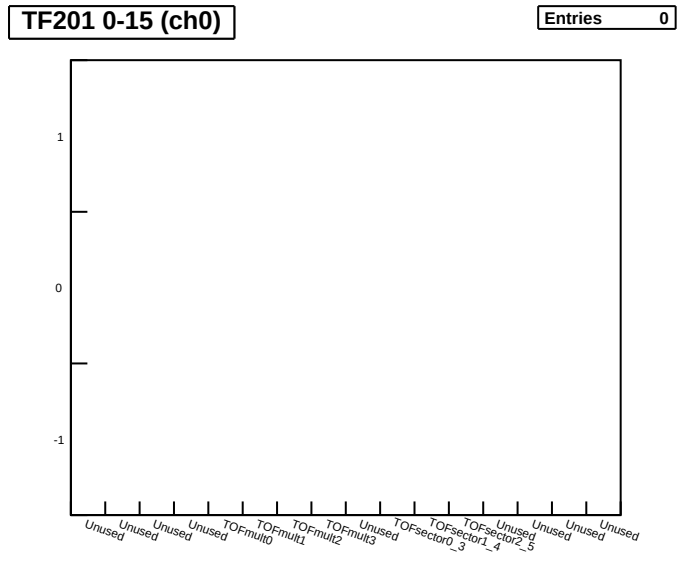

Entries 282808
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

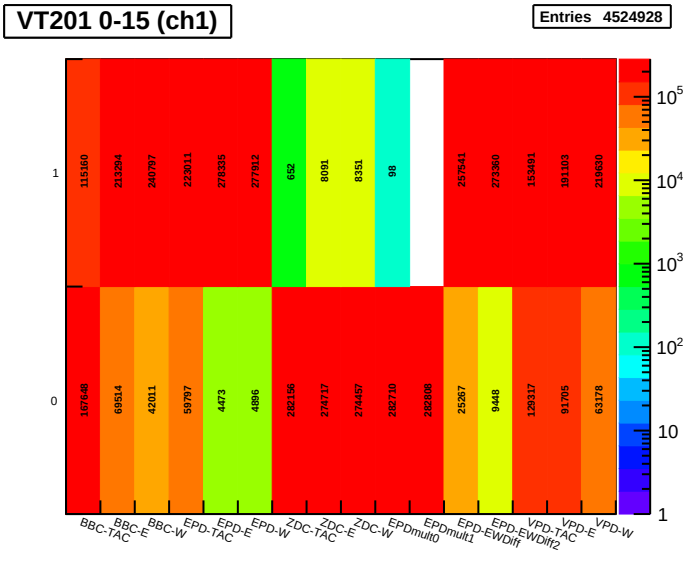

Entries 282808
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

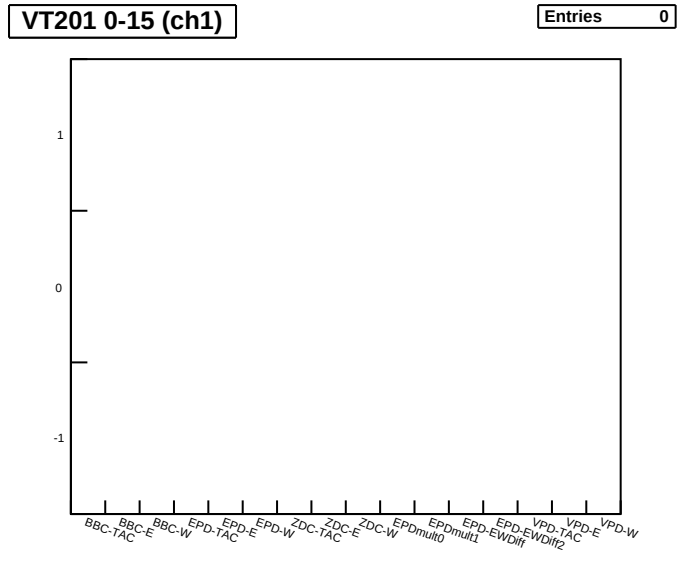

Laser Input Bits
Entries 282808
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

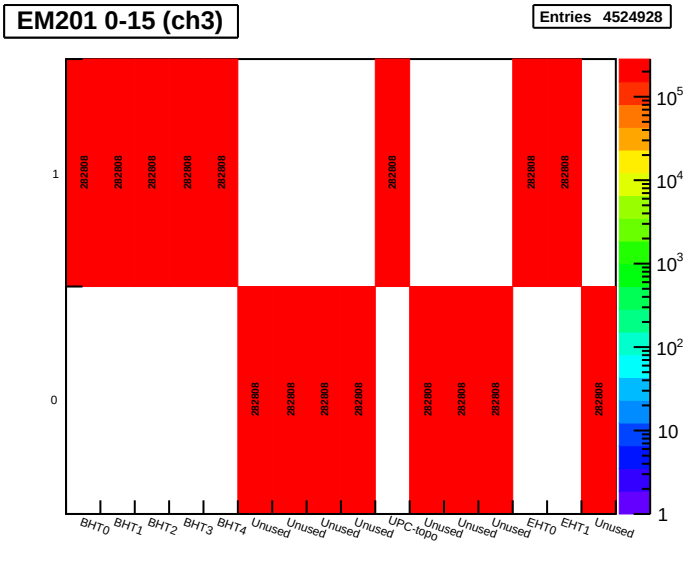

ST201 0-15 (ch6)
Entries 4524928
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
282808
282795
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

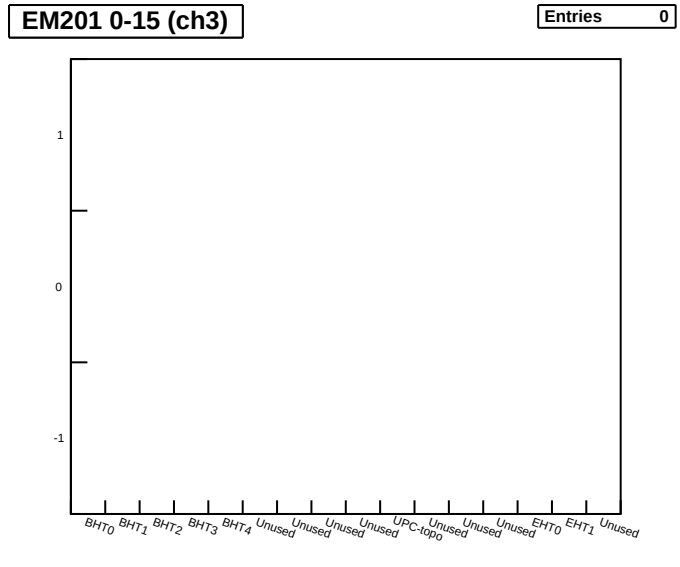

TF201 0-15 (ch0)
Entries 4524928
1
0
282808
279368
256885
246603
186414
236766
237825
234819
282808
282808
282808
282808
282808
282808
3440
25923
36205
96394
46042
44983
47989
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4524928
1
0
115160
213294
240797
223011
278335
277912
652
8091
8351
98
257541
273360
153491
191103
219630
167648
69514
42011
59797
4473
4896
282156
274717
274457
282710
282808
25267
9448
129317
91705
63178
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 4524928
1
0
282808
282808
282808
282808
282808
282808
282808
282808
282808
282808
282808
282808
282808
282808
282808
282808
282808
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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