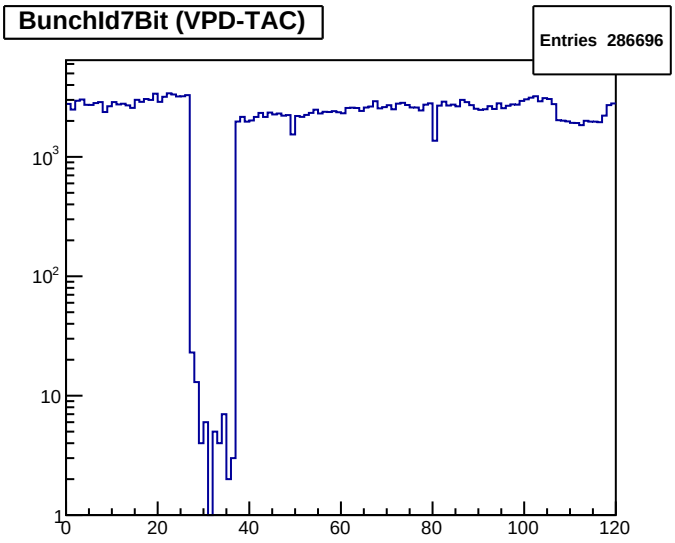
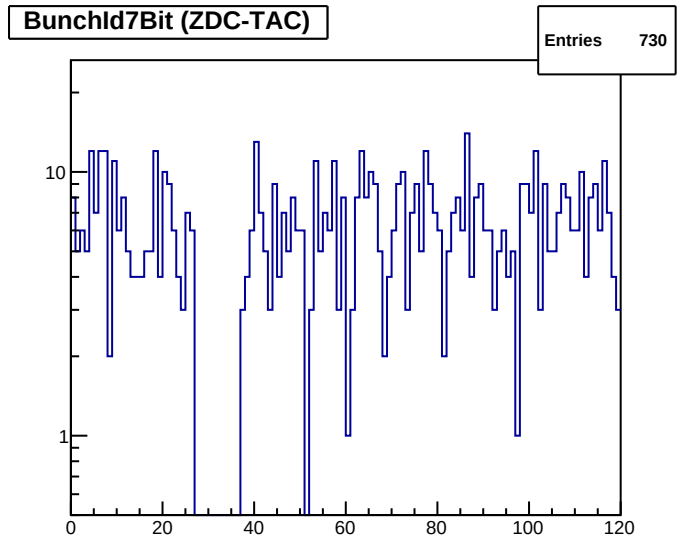
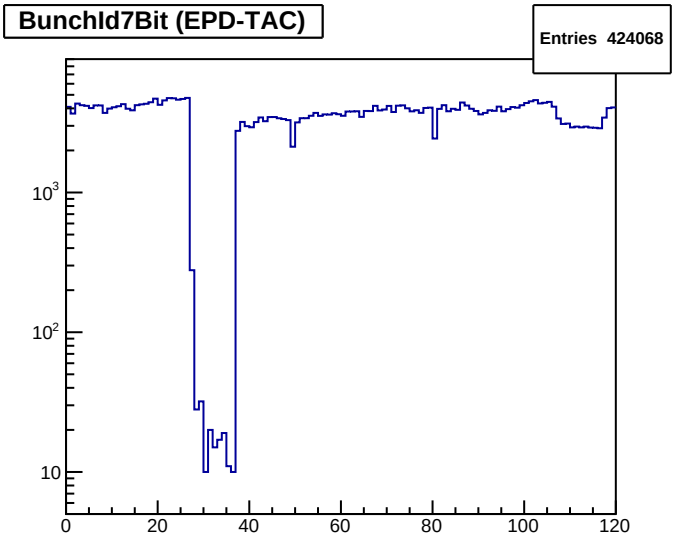
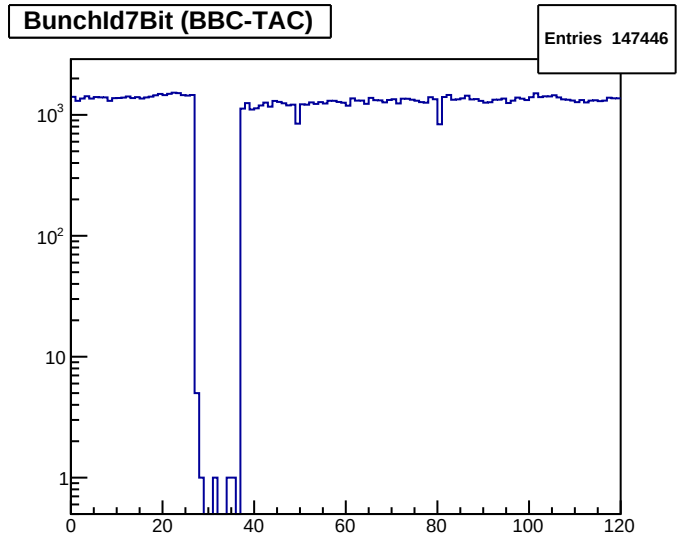
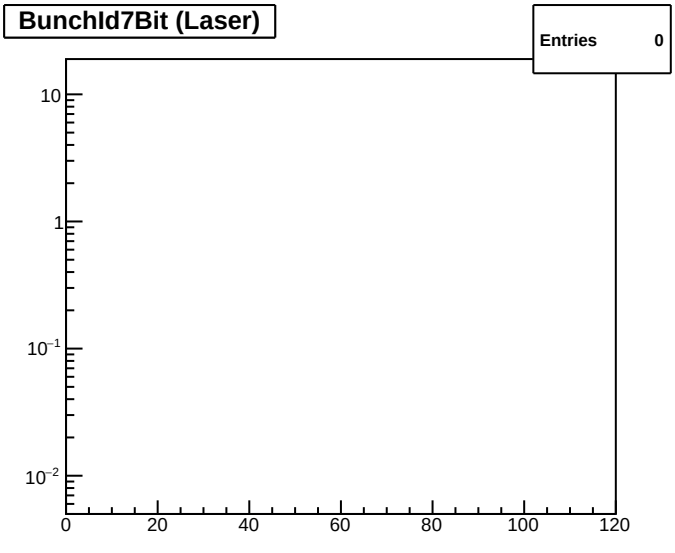
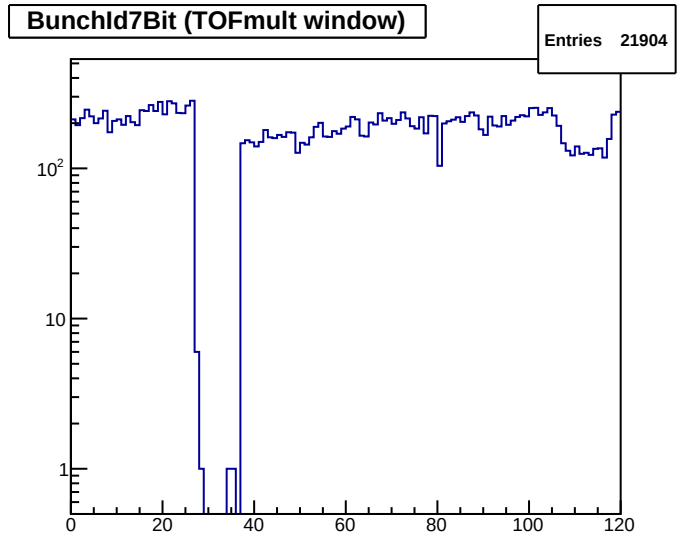

BunchId7Bit (VPD-TAC)
Entries 286696

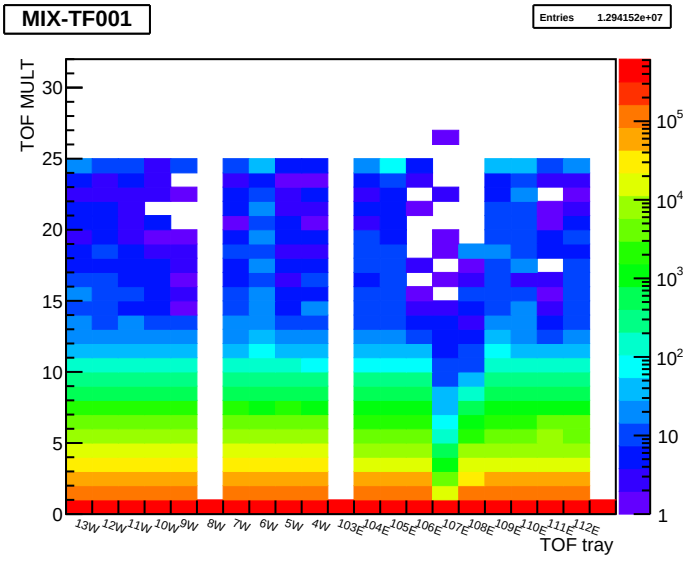

BunchId7Bit (ZDC-TAC)
Entries 730

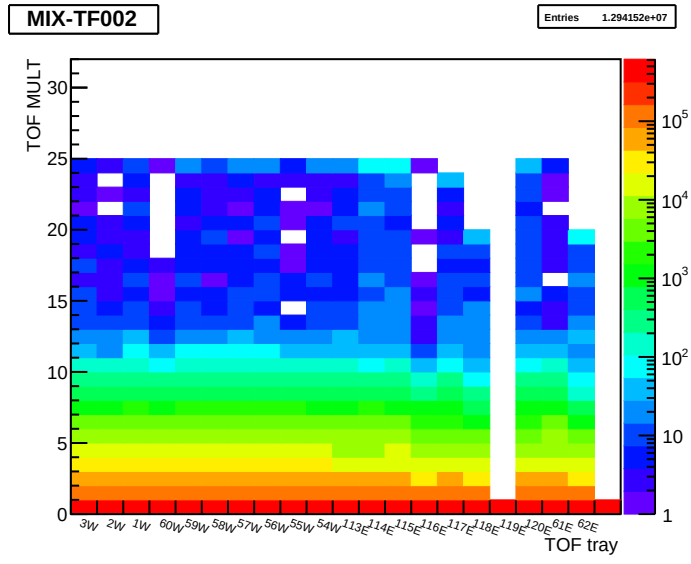

BunchId7Bit (EPD-TAC)
Entries 424068

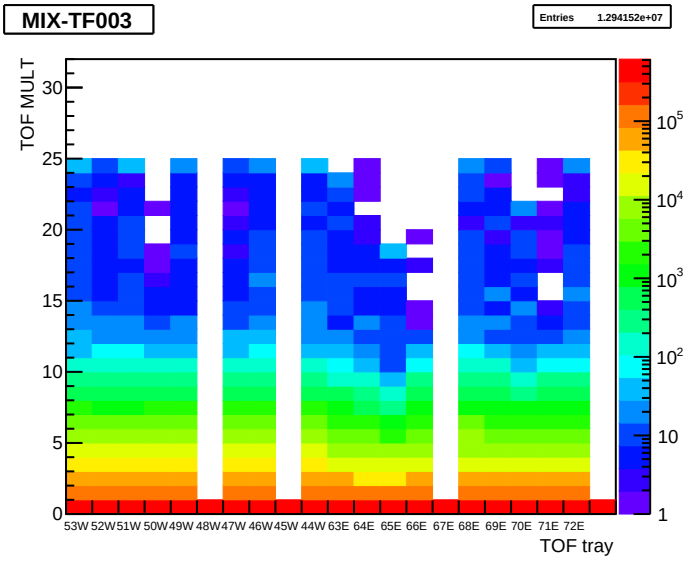

BunchId7Bit (BBC-TAC)
Entries 147446

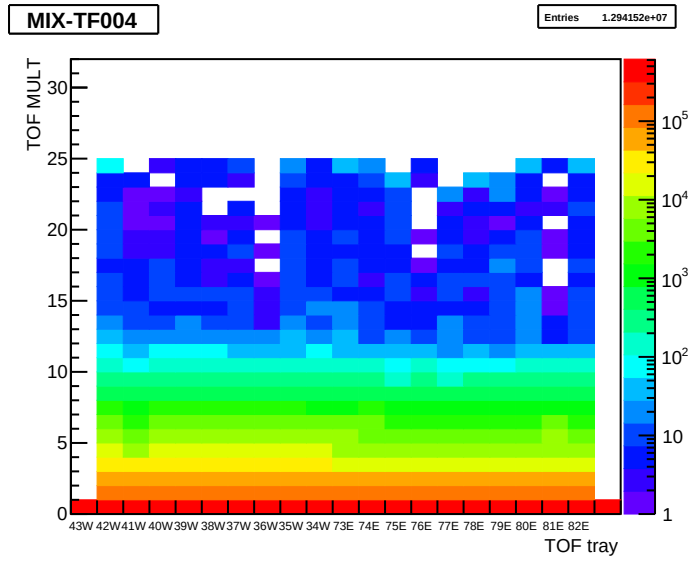

BunchId7Bit (Laser)
Entries 0

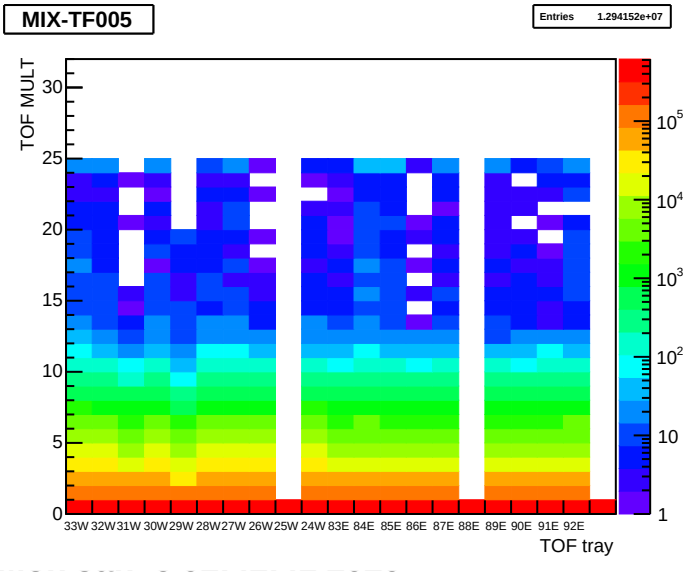

BunchId7Bit (TOFmult window)
Entries 21904

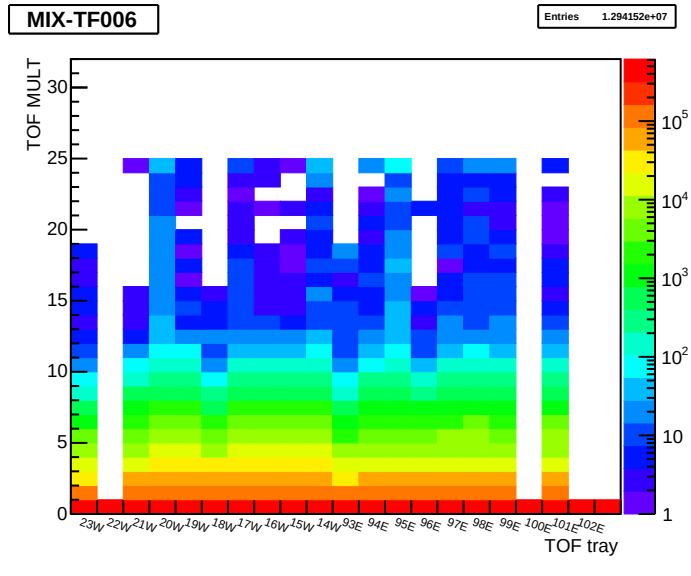

MIX-TF001
Entries 1.294152e+07
TOF MULT
TOF tray

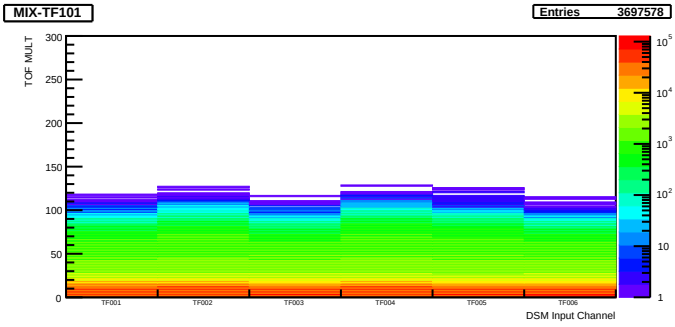

MIX-TF002
Entries 1.294152e+07
TOF MULT
TOF tray

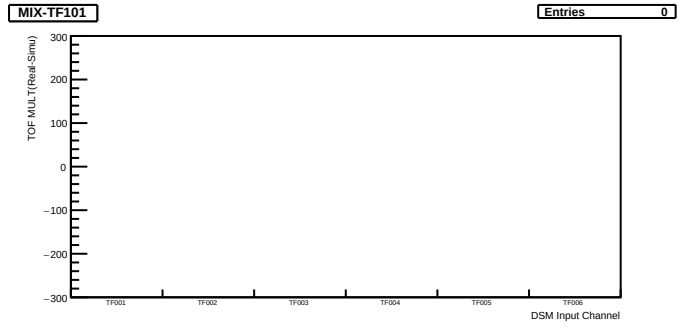

MIX-TF003
Entries 1.294152e+07
TOF MULT
TOF tray

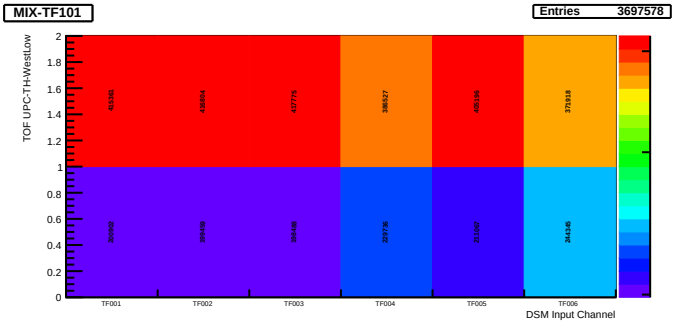

MIX-TF004
Entries 1.294152e+07
TOF MULT
TOF tray

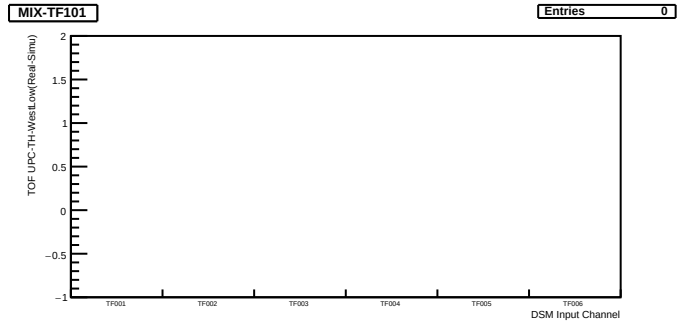

MIX-TF005
Entries 1.294152e+07
TOF MULT
TOF tray

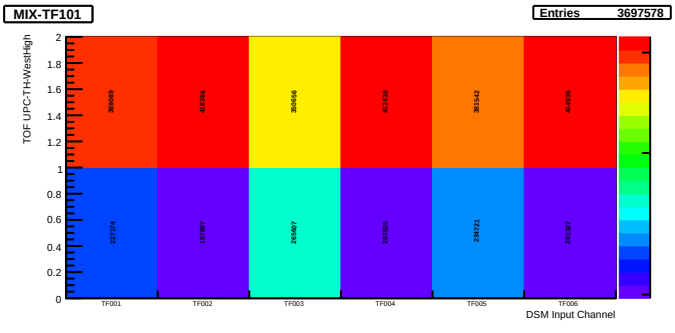

MIX-TF006
Entries 1.294152e+07
TOF MULT
TOF tray

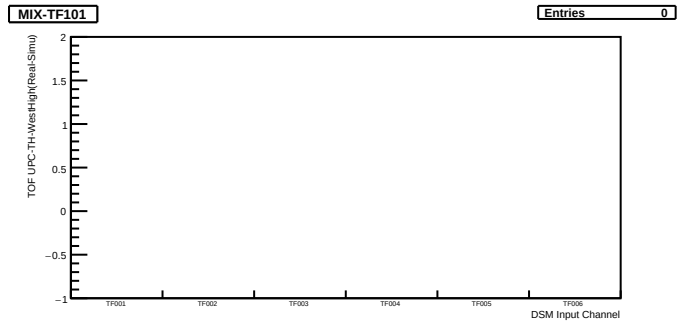

MIX-TF101
Entries 3697578
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

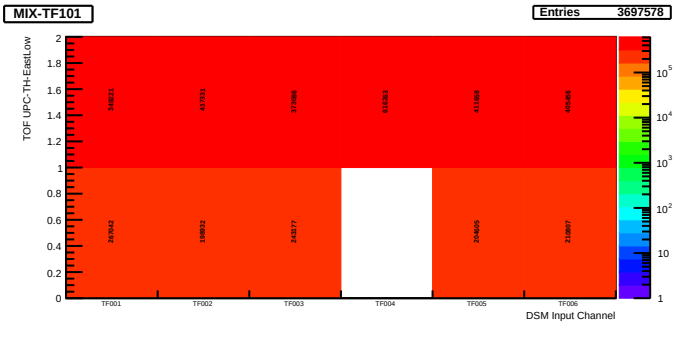

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

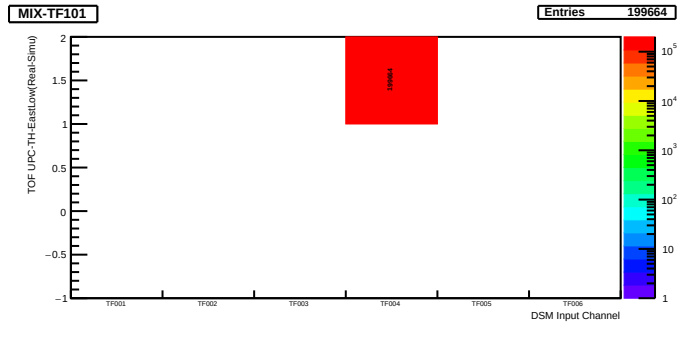

MIX-TF101
Entries 3697578
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

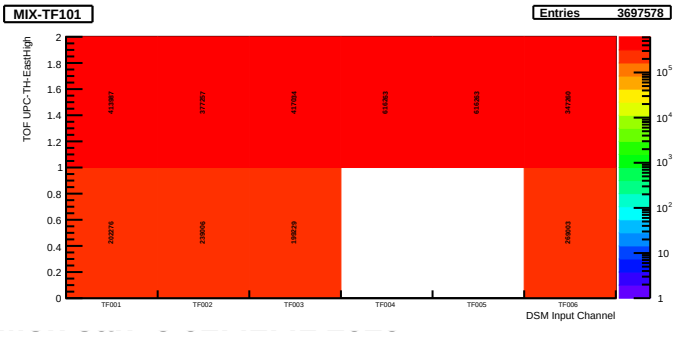

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

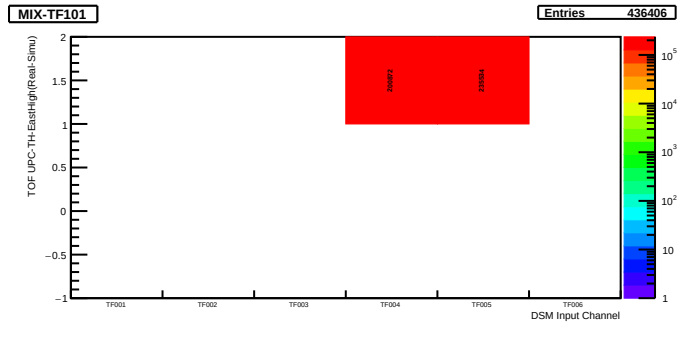

MIX-TF101
Entries 3697578
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

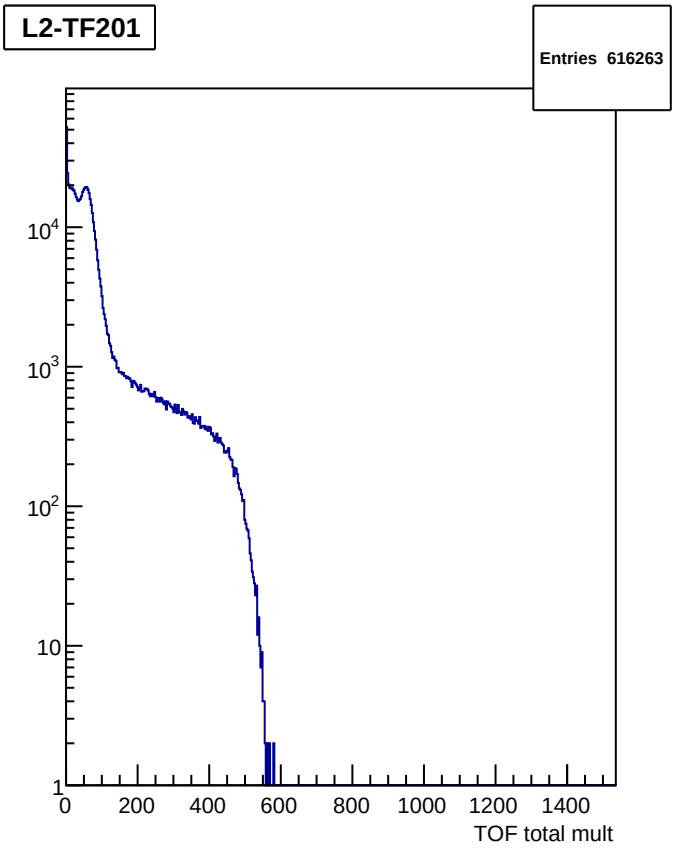

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

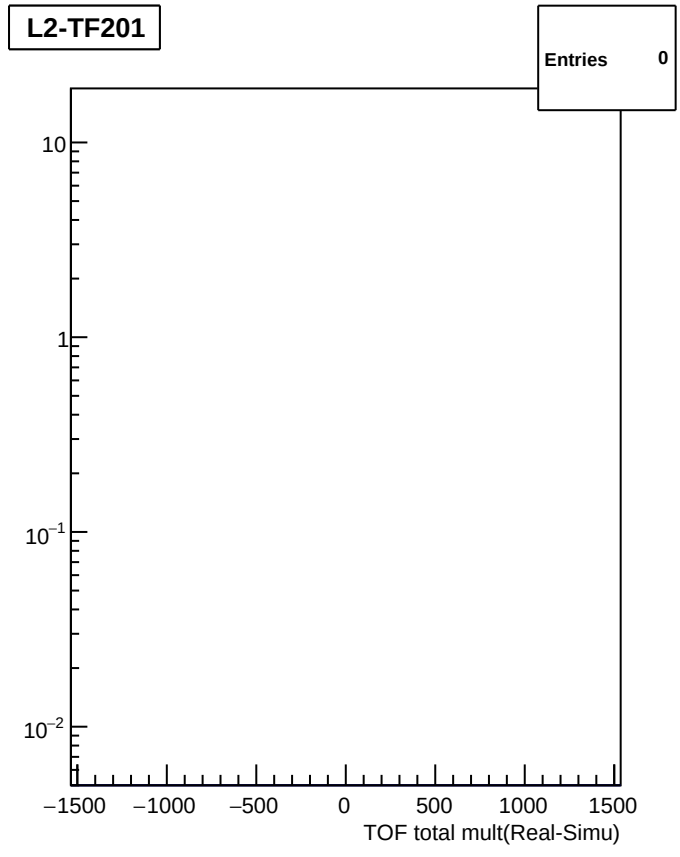

MIX-TF101
Entries 3697578
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

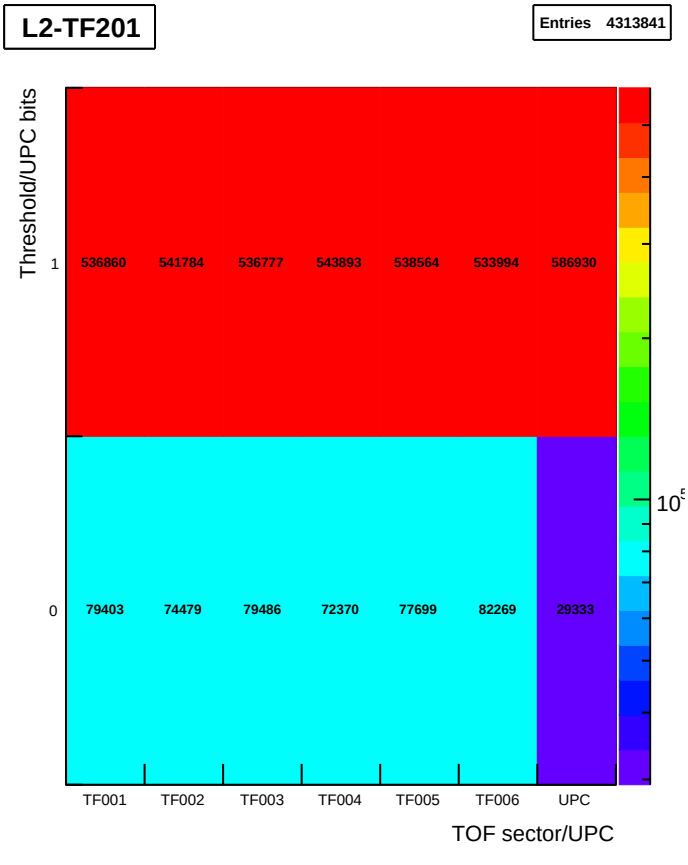

MIX-TF101
Entries 199664
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

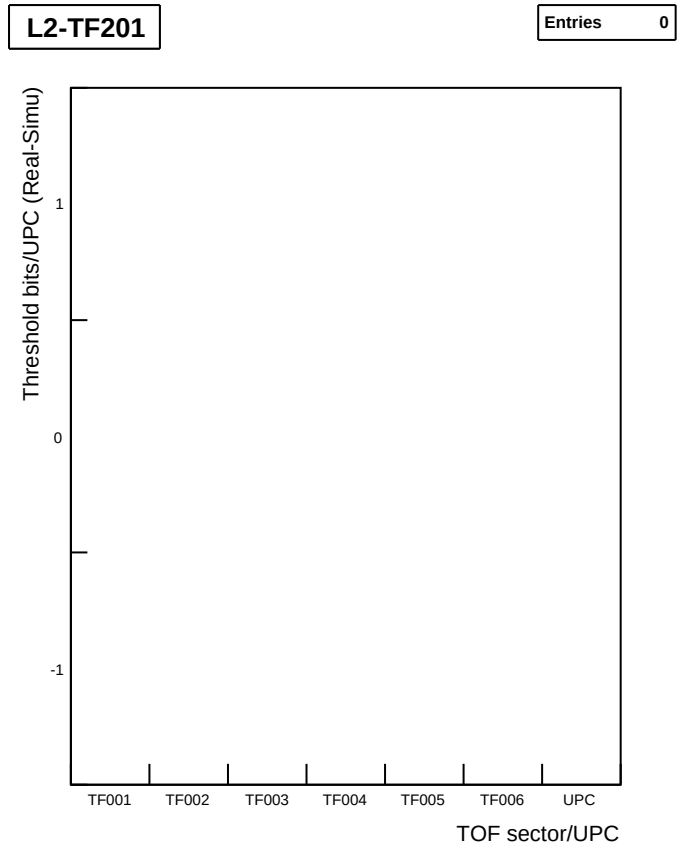

MIX-TF101
Entries 3697578
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

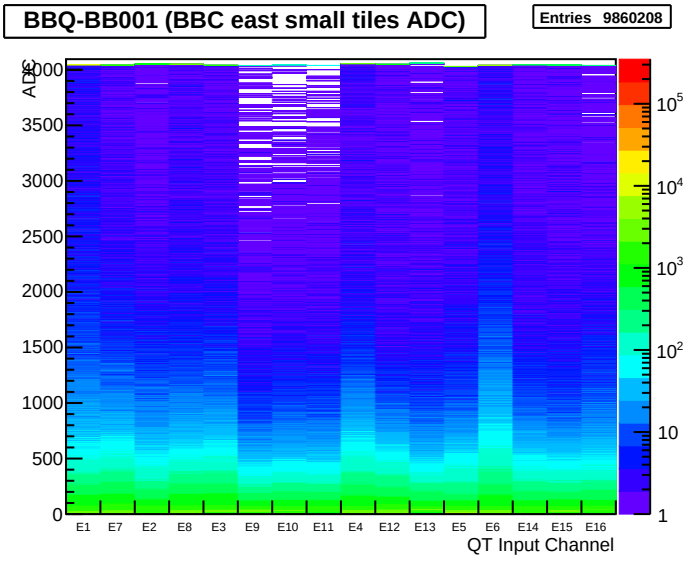

MIX-TF101
Entries 436406
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

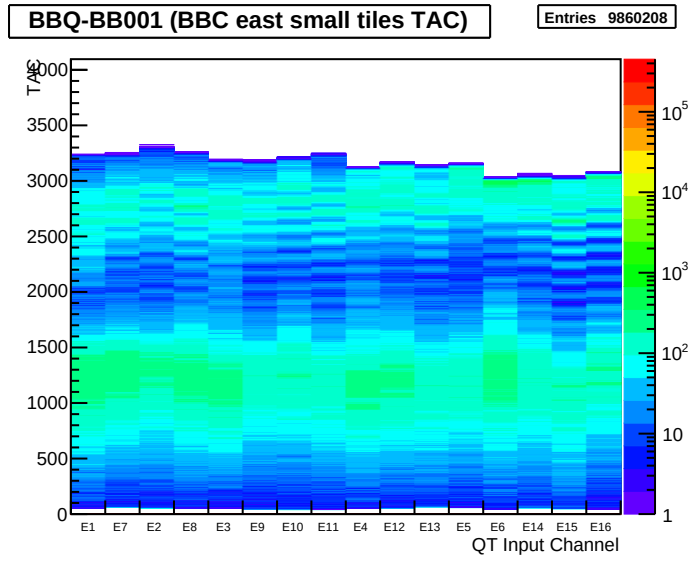

L2-TF201
Entries 616263
TOF total mult

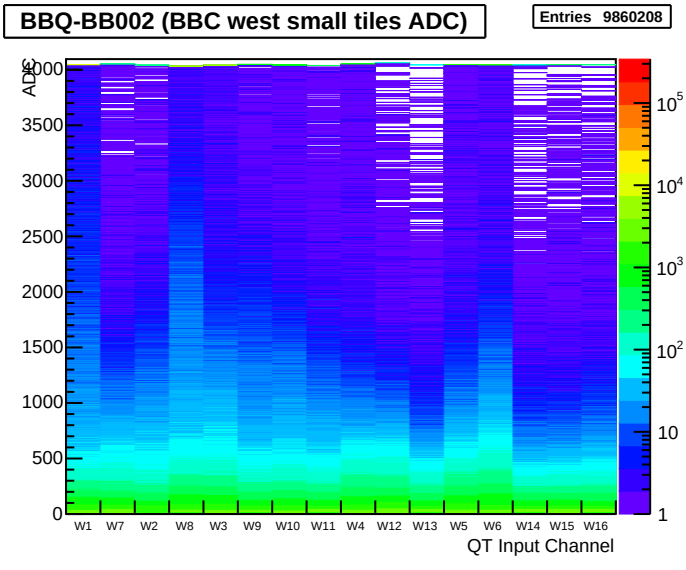

L2-TF201
Entries 0
TOF total mult(Real-Simu)

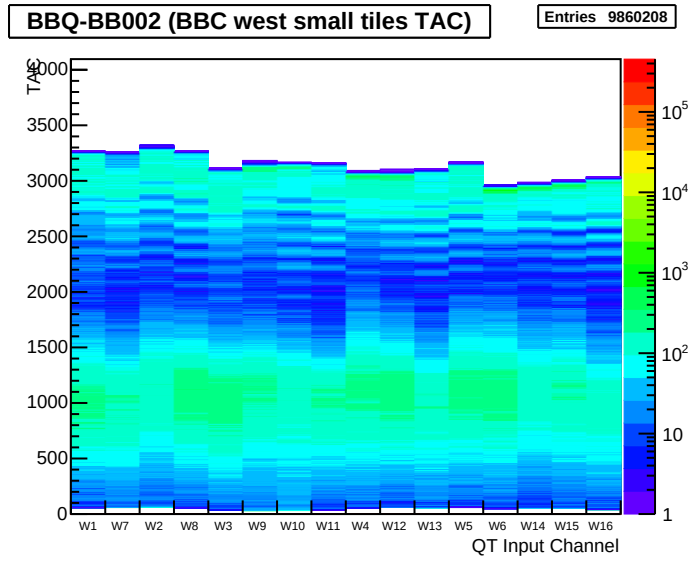

L2-TF201
Entries 4313841
Threshold/UPC bits
536860 541784 536777 543893 538564 533994 586930
79403 74479 79486 72370 77699 82269 29333
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

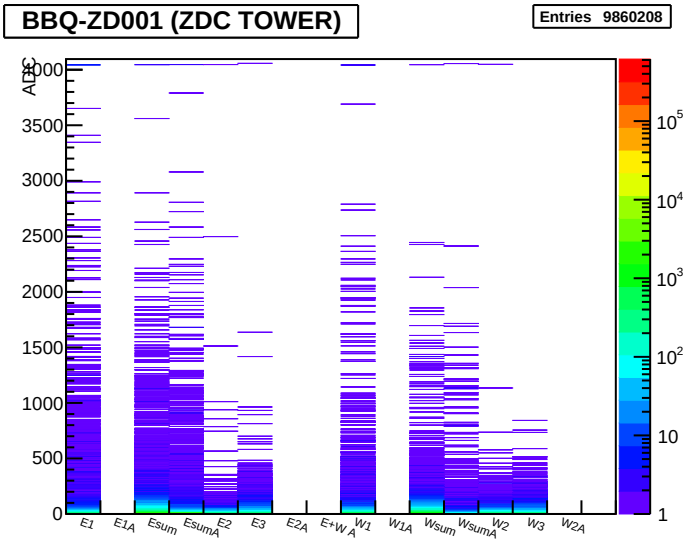

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

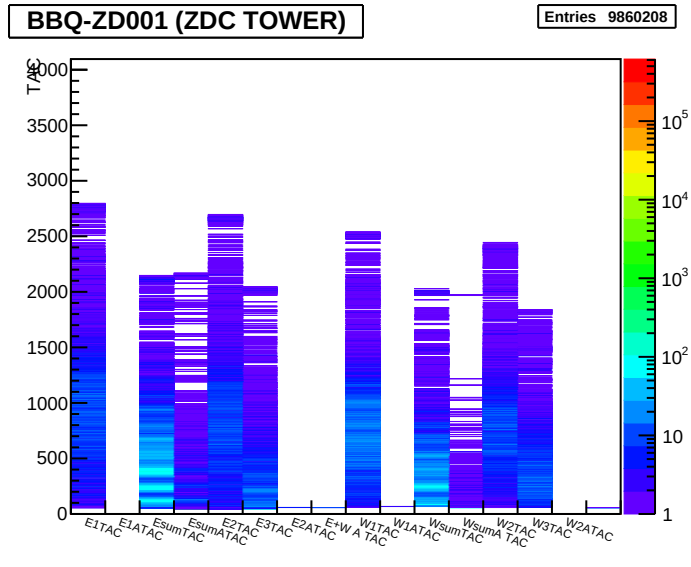

BBQ-BB001 (BBC east small tiles ADC)
Entries 9860208
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

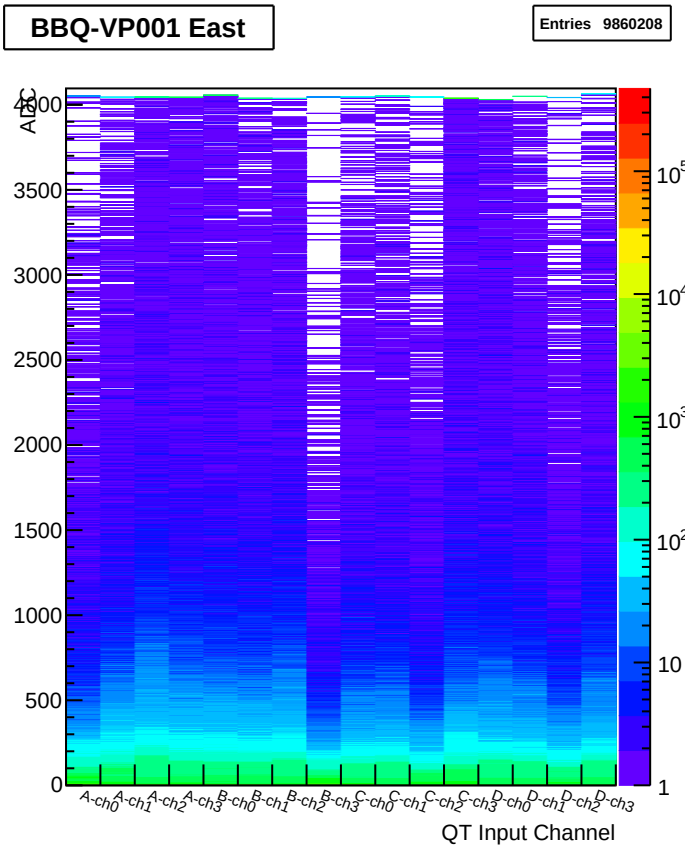

BBQ-BB001 (BBC east small tiles TAC)
Entries 9860208
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

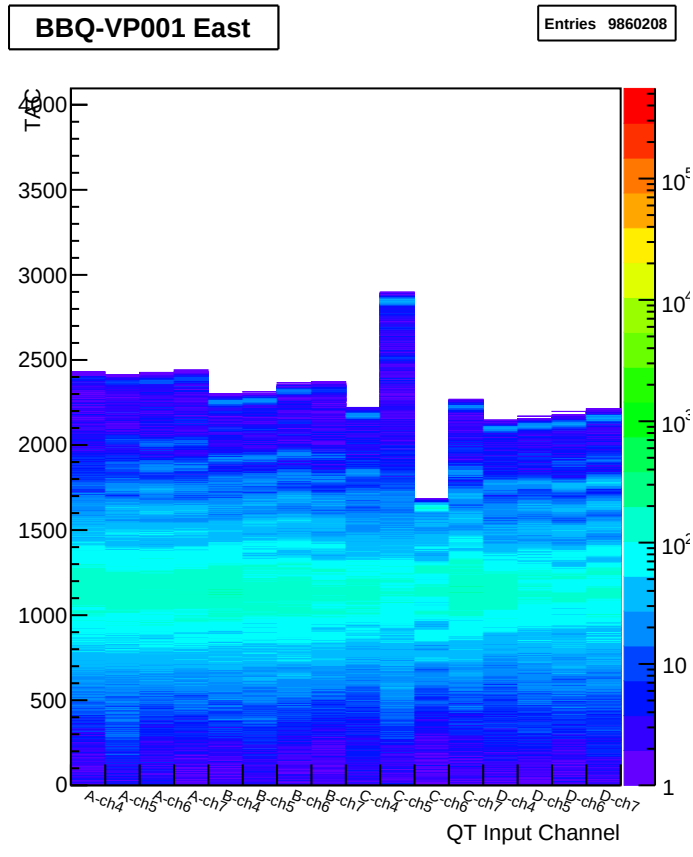

BBQ-BB002 (BBC west small tiles ADC)
Entries 9860208
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

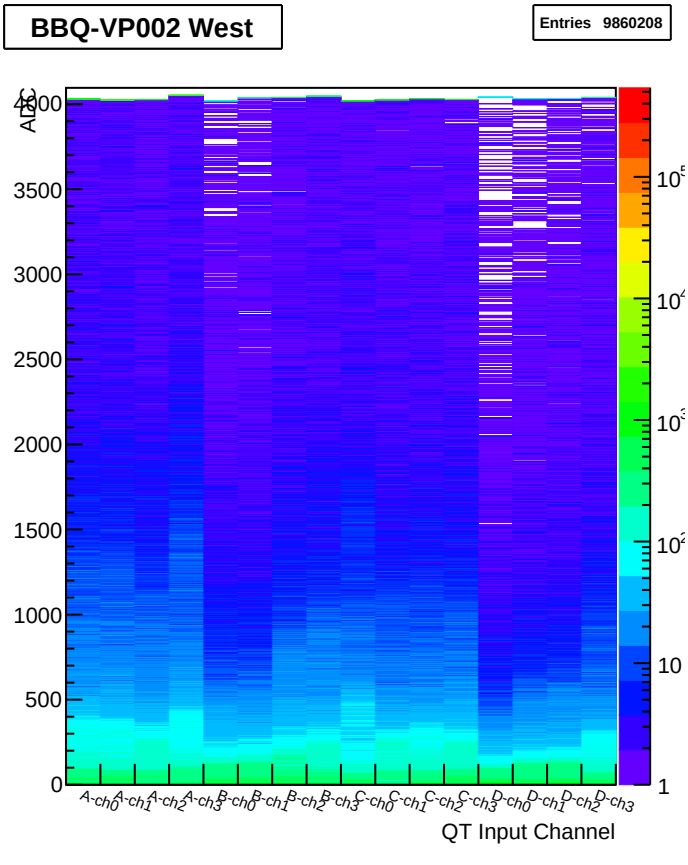

BBQ-BB002 (BBC west small tiles TAC)
Entries 9860208
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

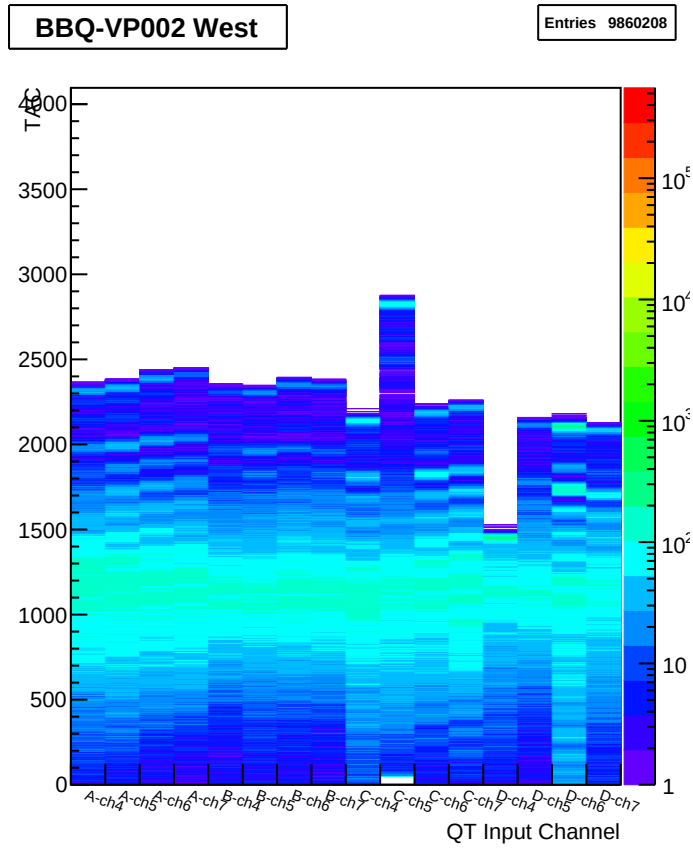

BBQ-ZD001 (ZDC TOWER)
Entries 9860208
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

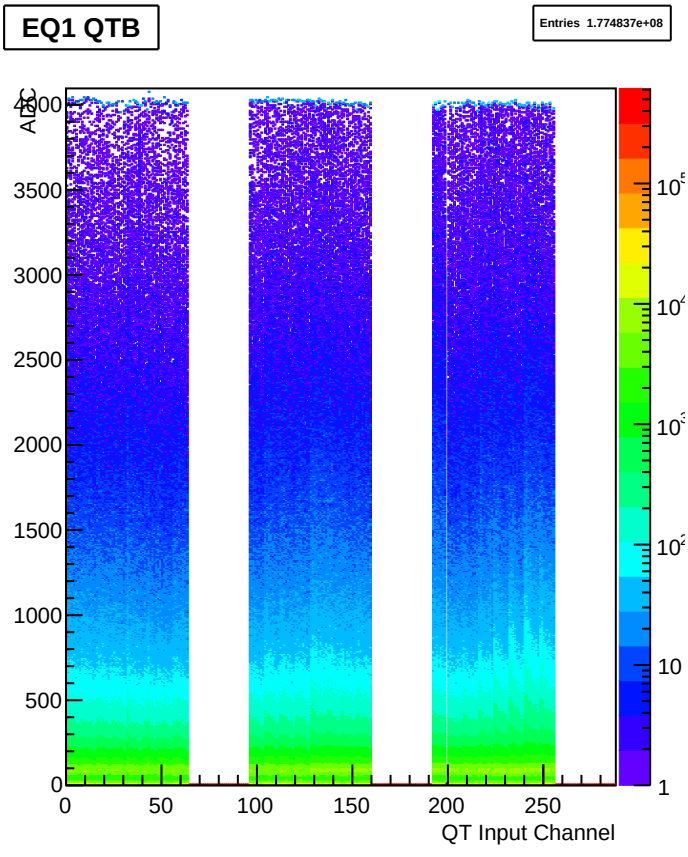

BBQ-ZD001 (ZDC TOWER)
Entries 9860208
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

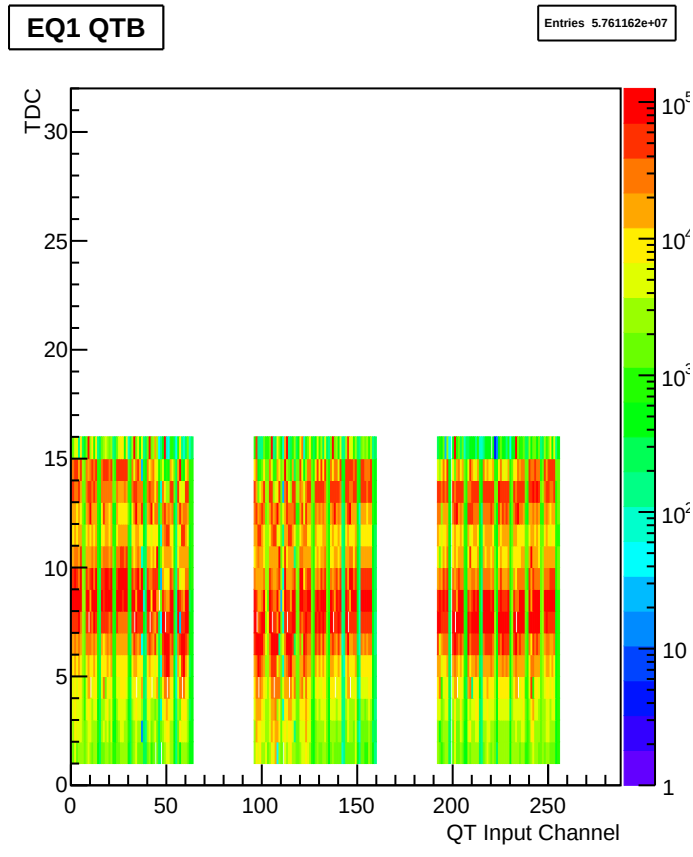

BBQ-VP001 East
Entries 9860208
ADC
QT Input Channel

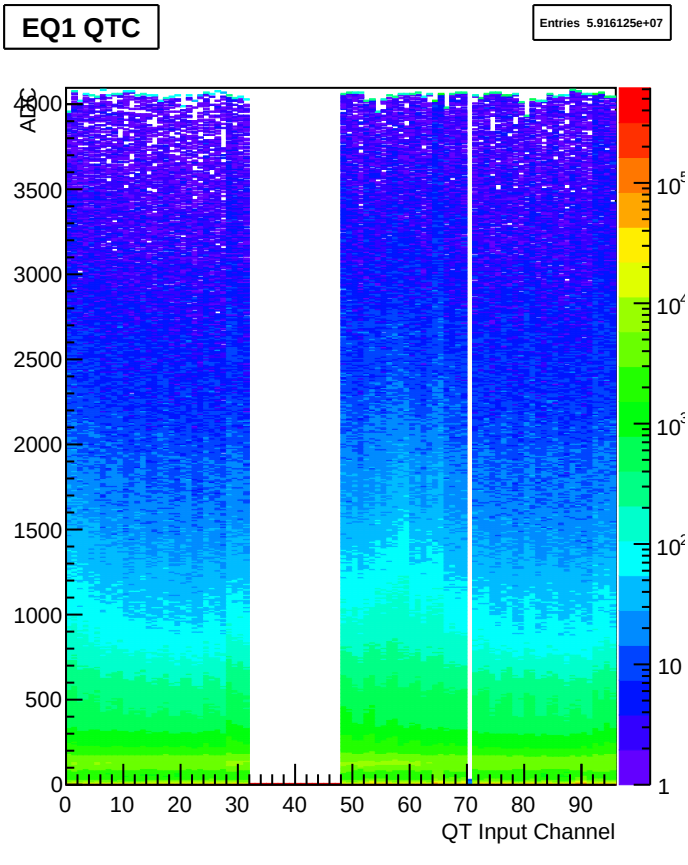

BBQ-VP001 East
Entries 9860208
ADC
QT Input Channel

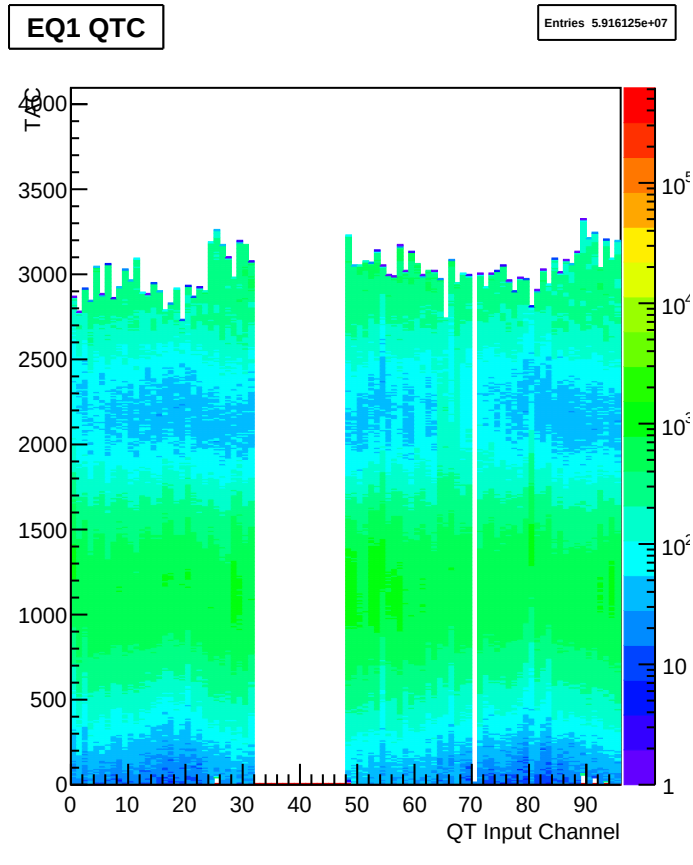

BBQ-VP002 West
Entries 9860208
ADC
QT Input Channel

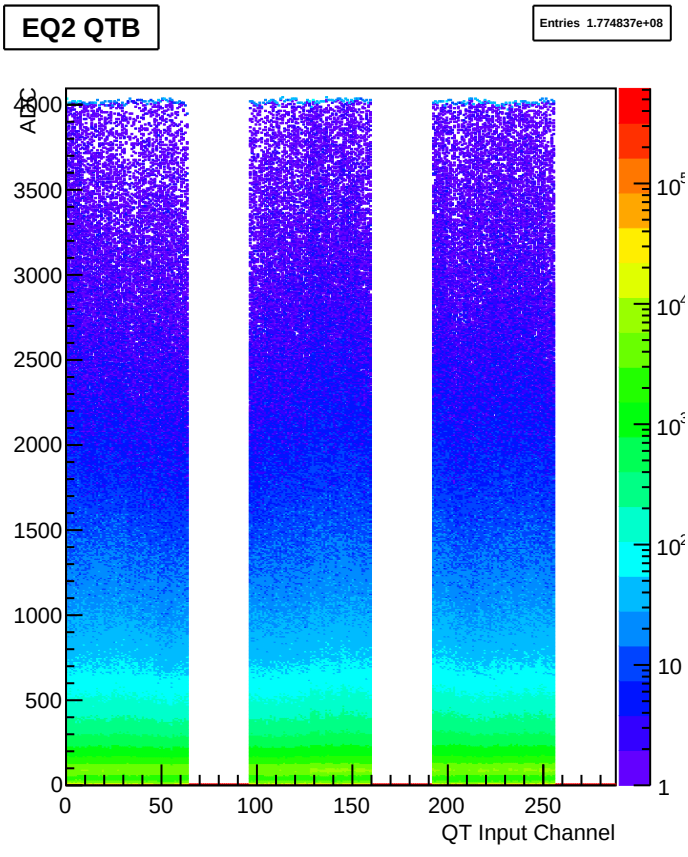

BBQ-VP002 West
Entries 9860208
ADC
QT Input Channel

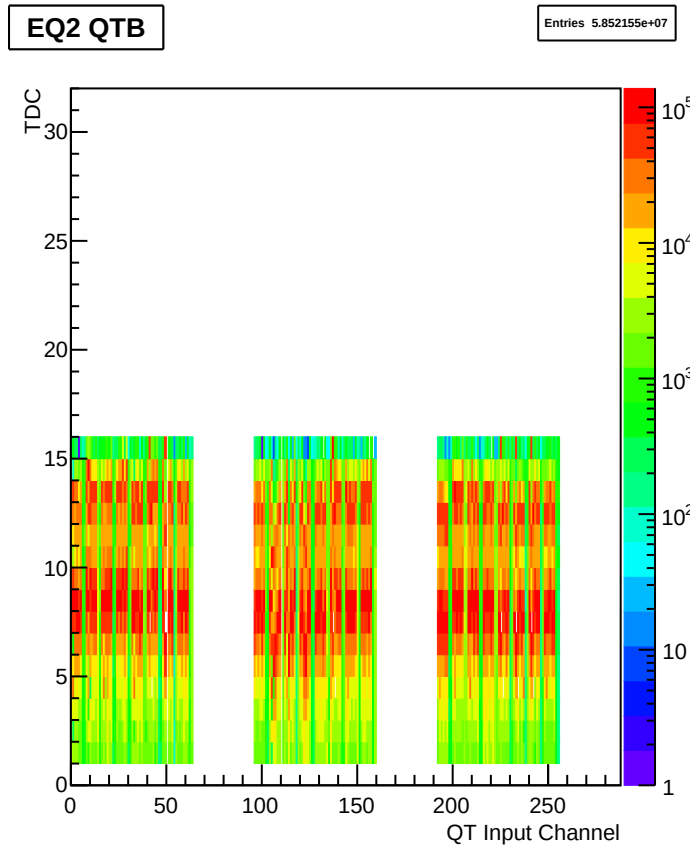

EQ1 QTB
Entries 1.774837e+08
ADC
QT Input Channel

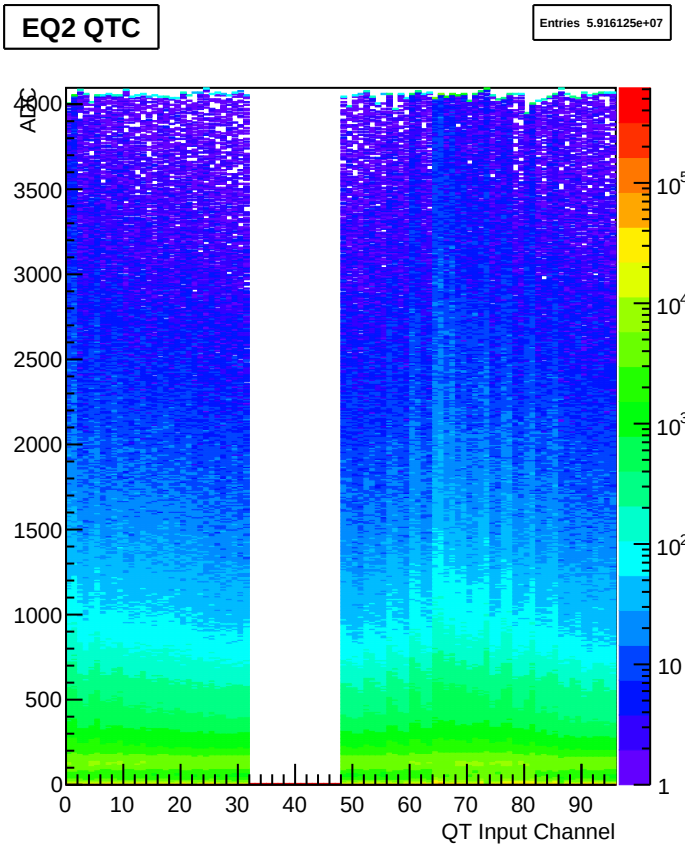

EQ1 QTB
Entries 5.761162e+07
TDC
QT Input Channel

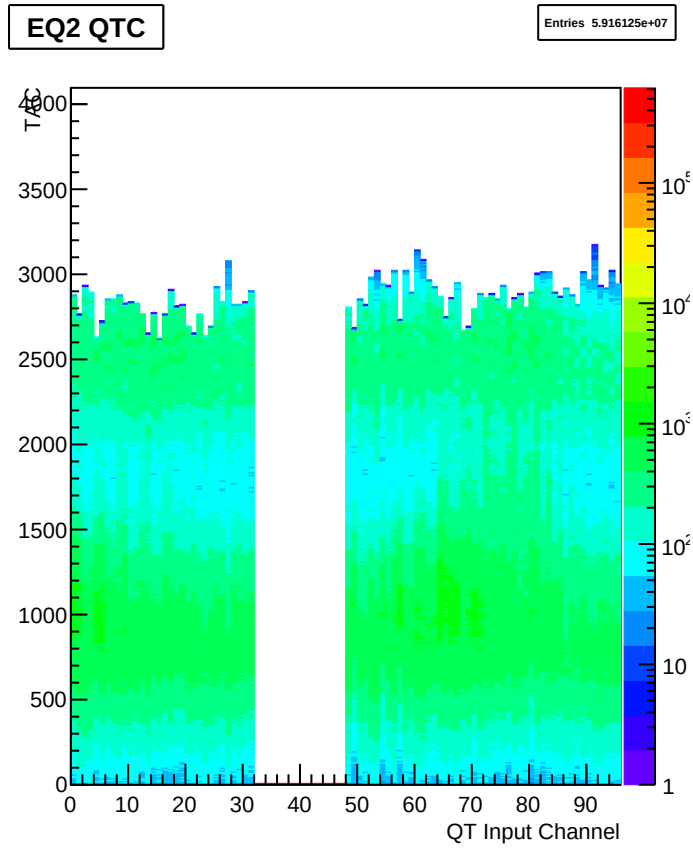

EQ1 QTC
Entries 5.916125e+07
ADC
QT Input Channel

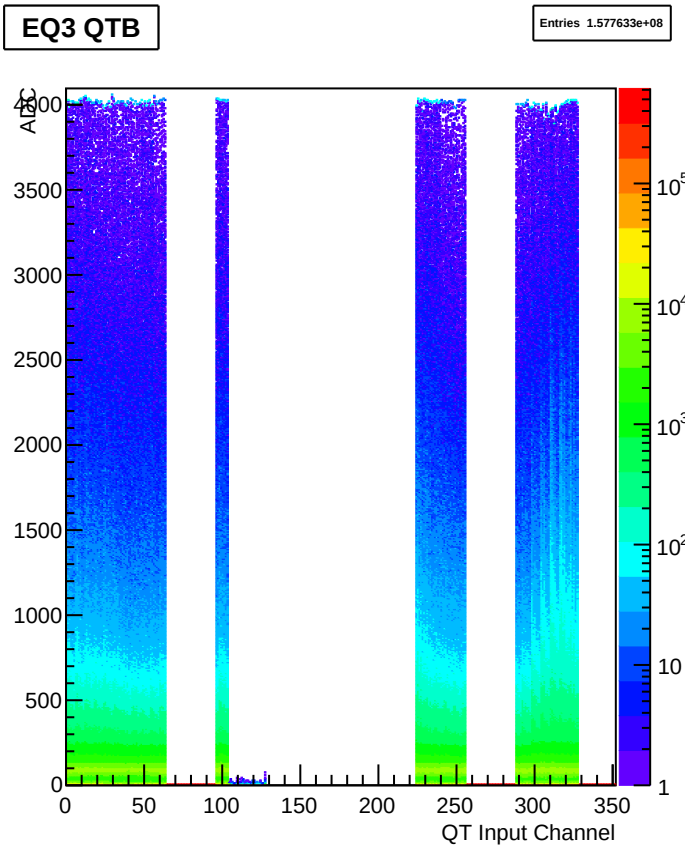

EQ1 QTC
Entries 5.916125e+07
TADC
QT Input Channel

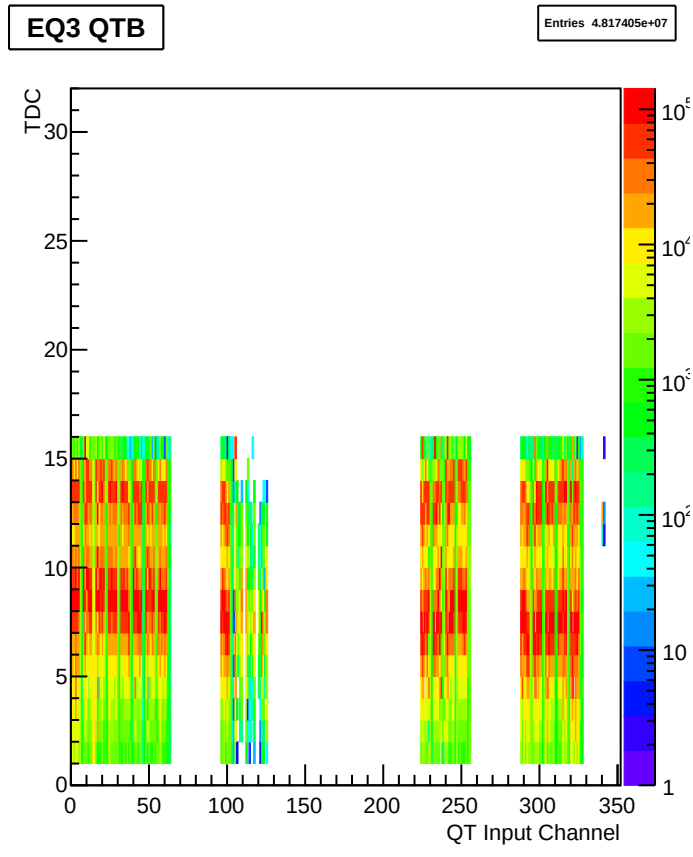

EQ2 QTB
Entries 1.774837e+08
ADC
QT Input Channel

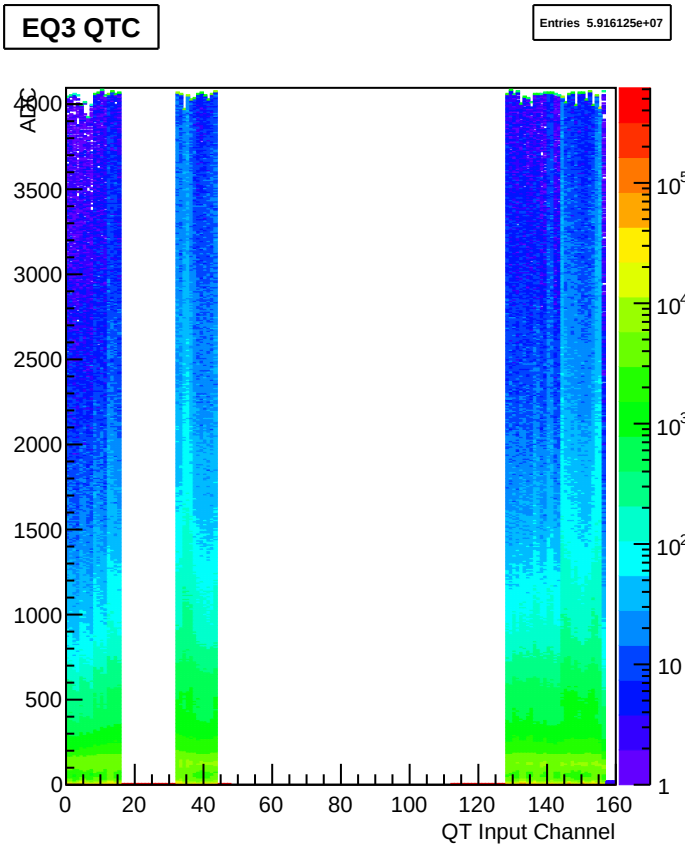

EQ2 QTB
Entries 5.852155e+07
TDC
QT Input Channel

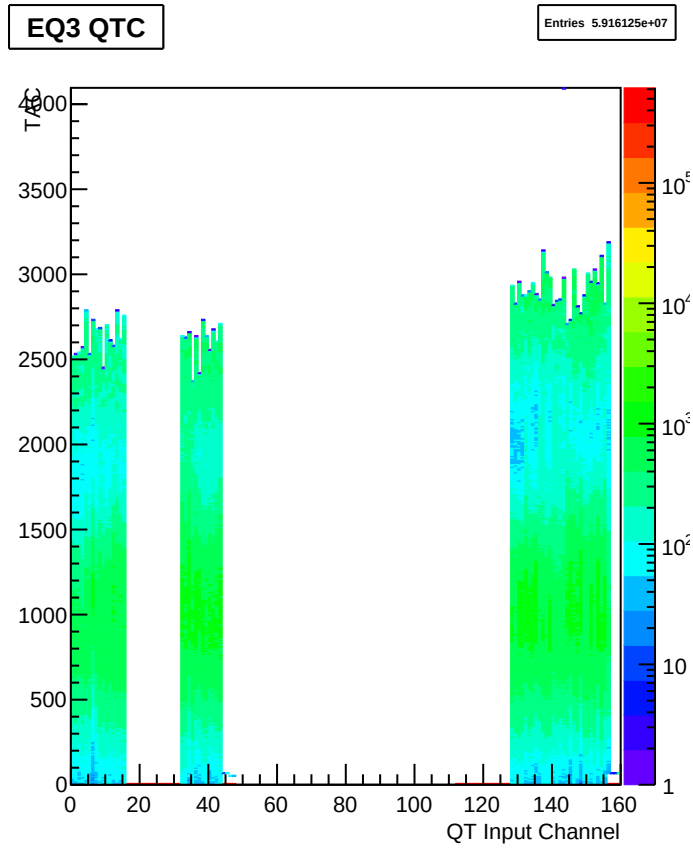

EQ2 QTC
Entries 5.916125e+07
ADC
QT Input Channel

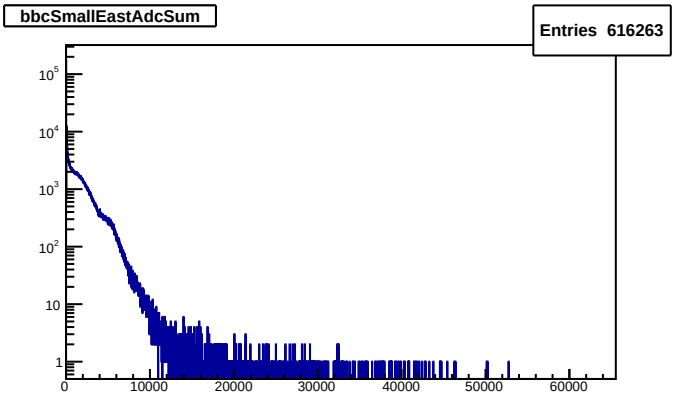

EQ2 QTC
Entries 5.916125e+07
TADC
QT Input Channel

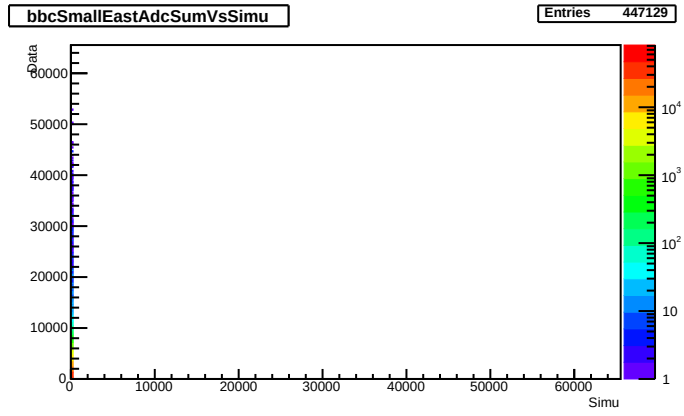

EQ3 QTB
Entries 1.577633e+08
ADC
QT Input Channel

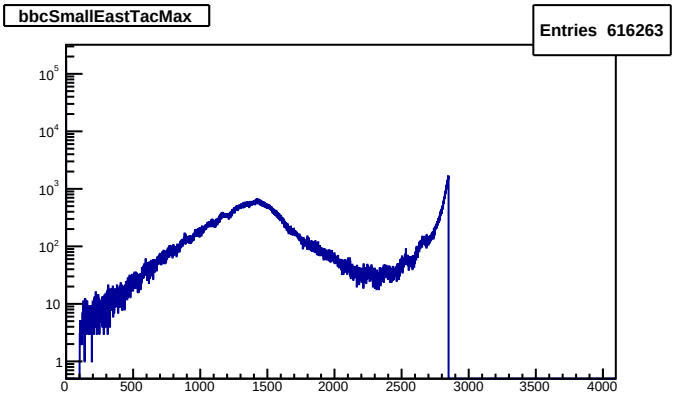

EQ3 QTB
Entries 4.817405e+07
TDC
QT Input Channel

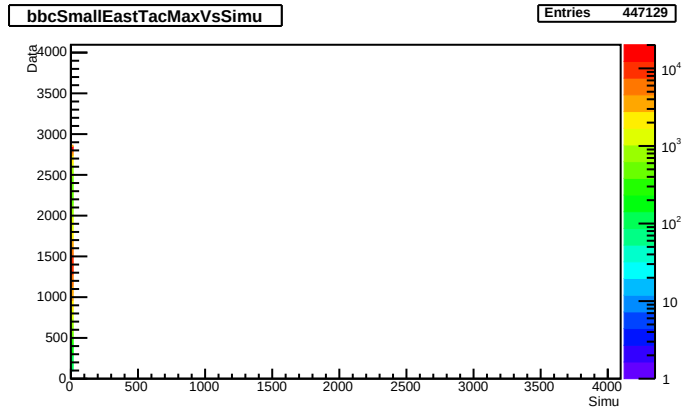

EQ3 QTC
Entries 5.916125e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.916125e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 616263


bbcSmallEastAdcSumVsSimu
Entries 447129
Data
Simu


bbcSmallEastTacMax
Entries 616263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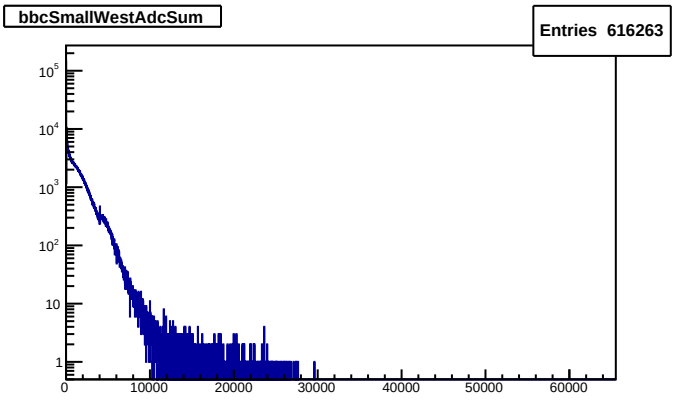
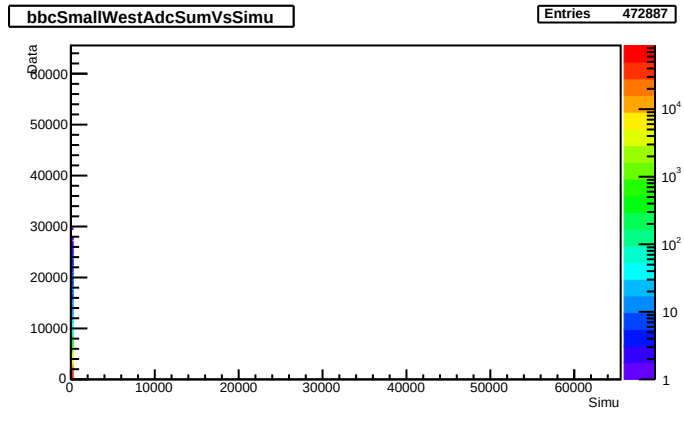
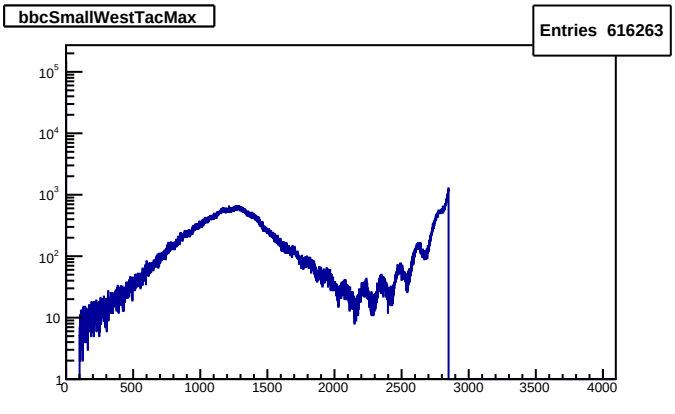
Entries 447129
Data
Simu


bbcSmallWestAdcSum
Entries 616263


bbcSmallWestAdcSumVsSimu
Entries 472887
Data
Simu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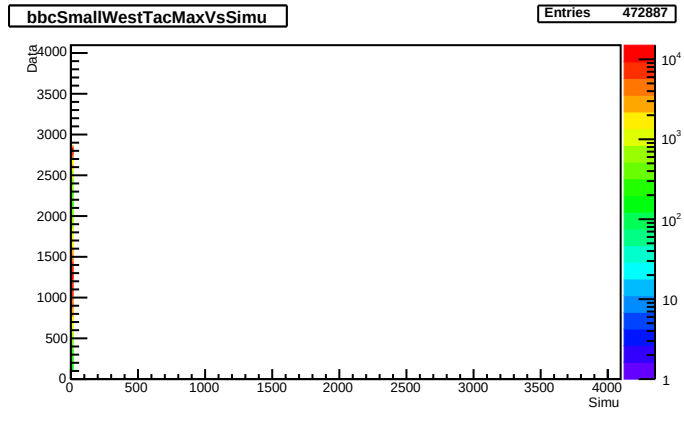
Entries 616263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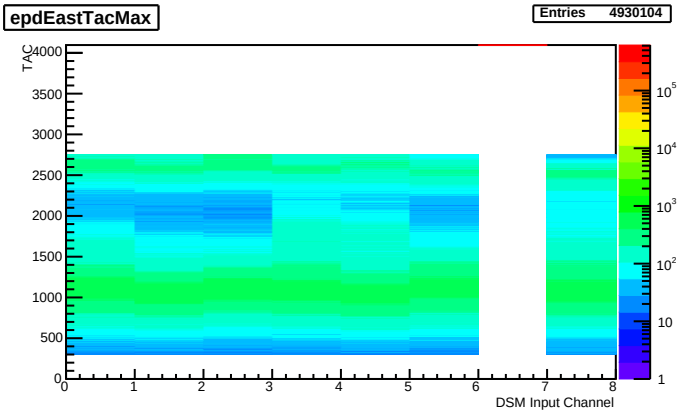
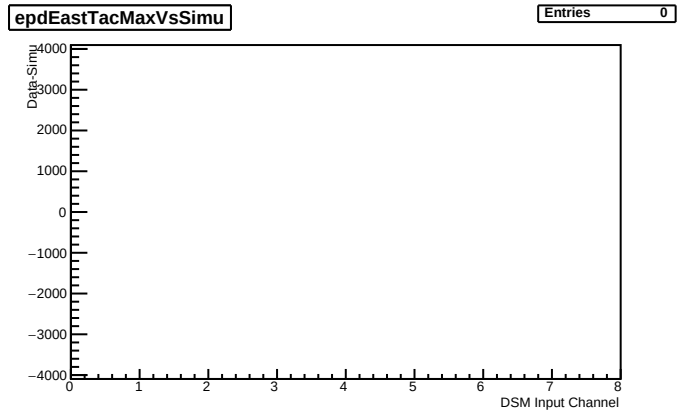
Entries 472887
Data
Simu


epdEastTacMax
Entries 4930104
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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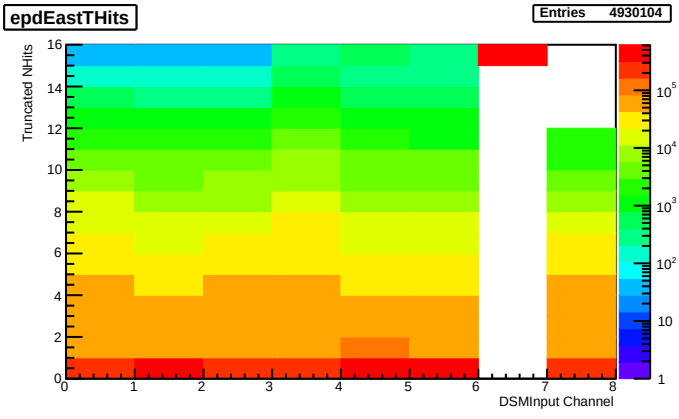
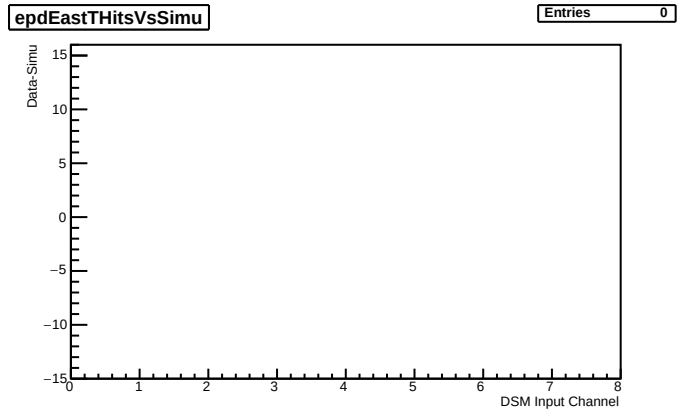

epdEastTHits
Entries 4930104
Truncated NHits
DSMInput Channel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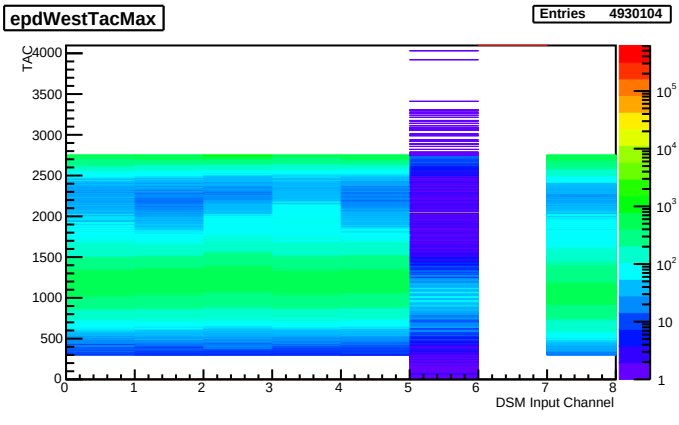
Data-Simu
DSM Input Channel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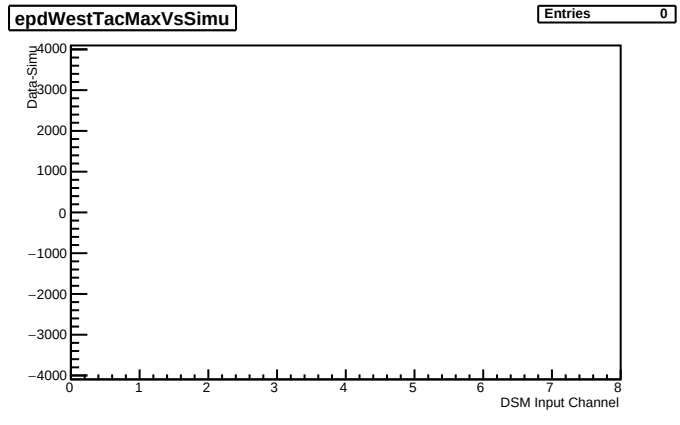
Entries 4930104
TAC
DSM Input Channel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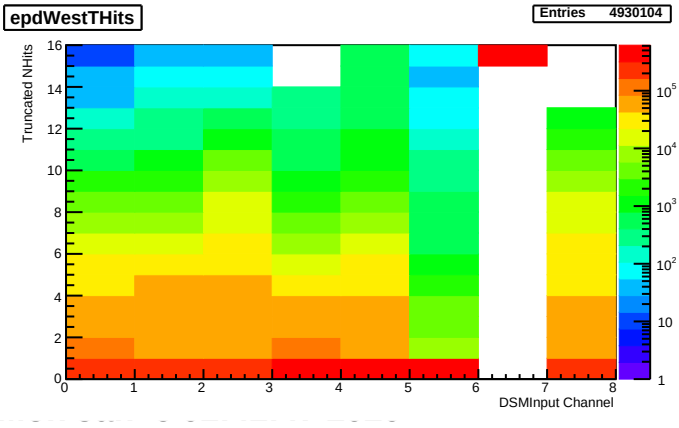
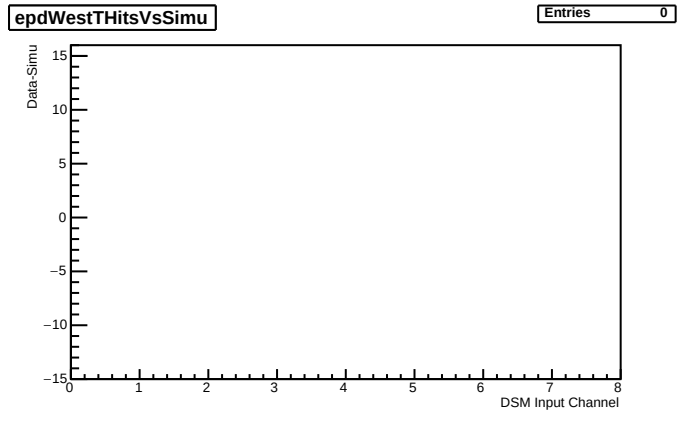
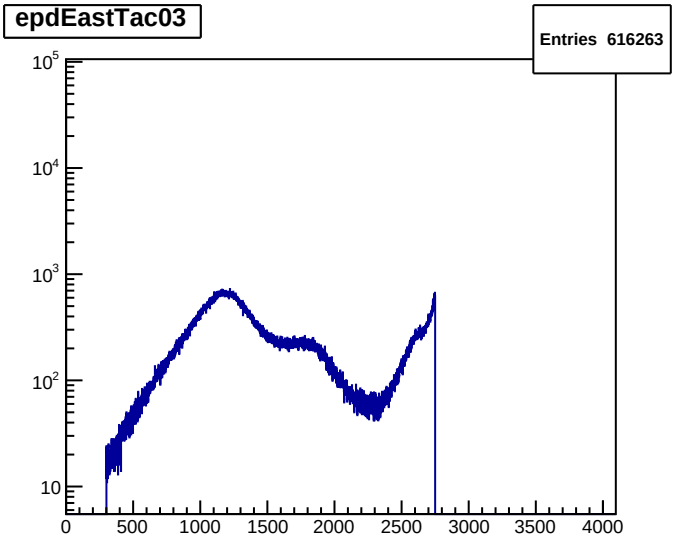
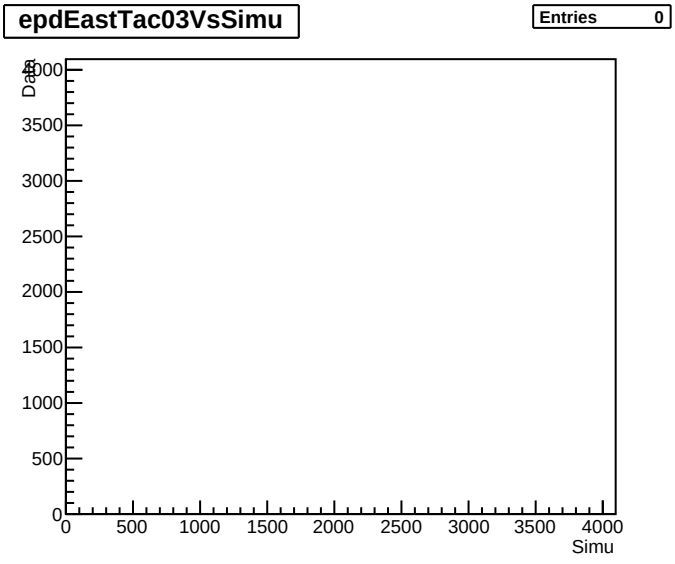
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4930104
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 616263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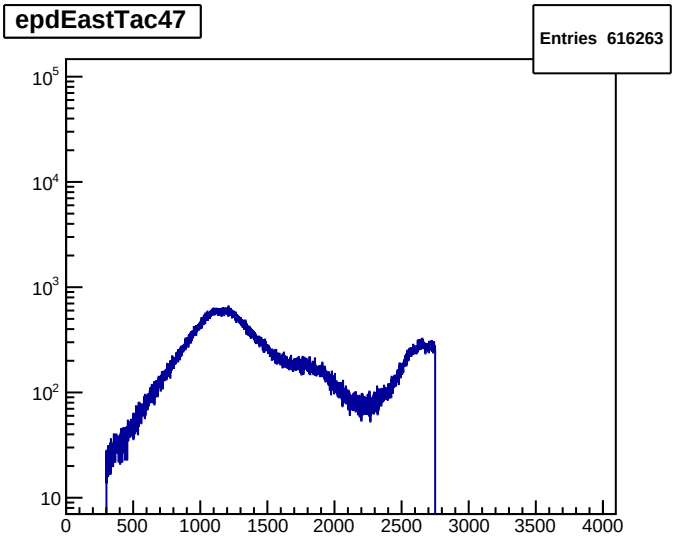
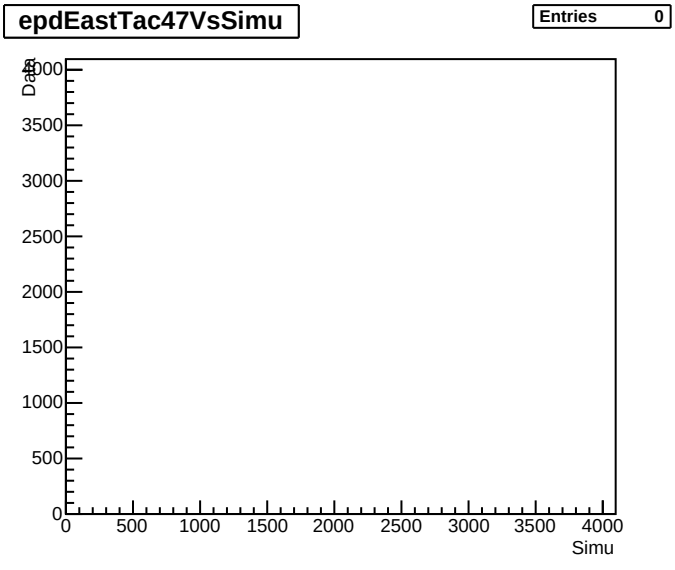
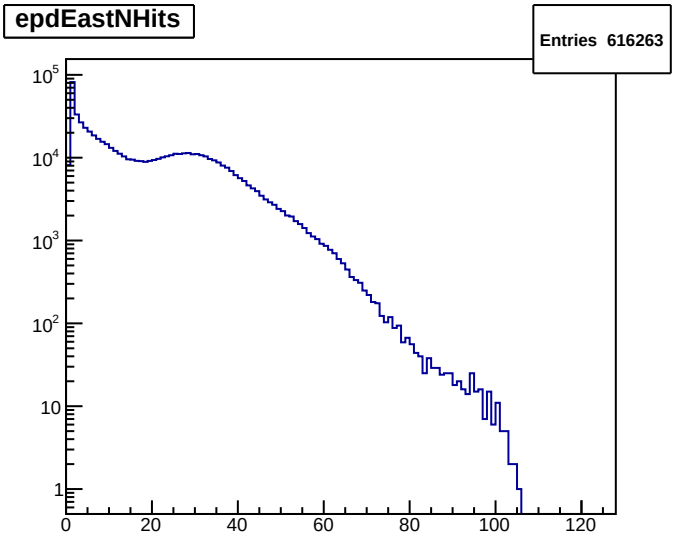
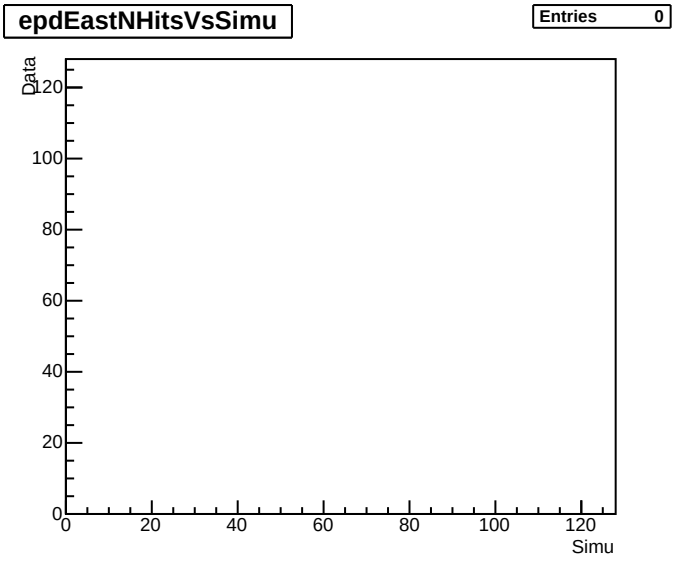
Entries 0
Data
Simu


epdEastTac47
Entries 616263


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 616263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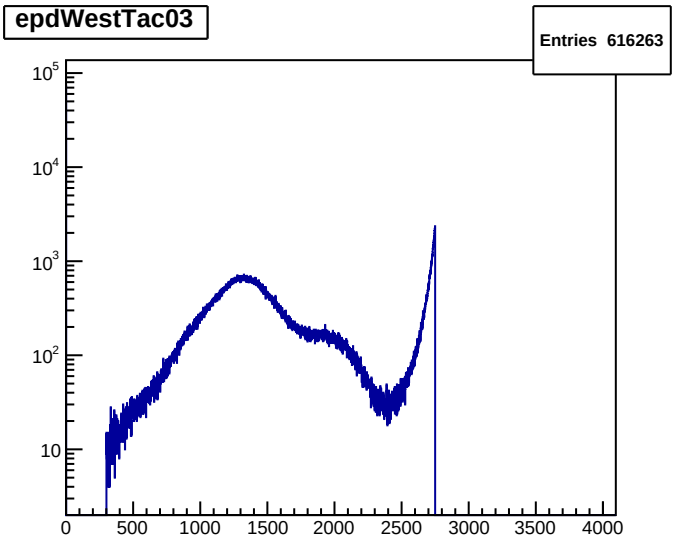
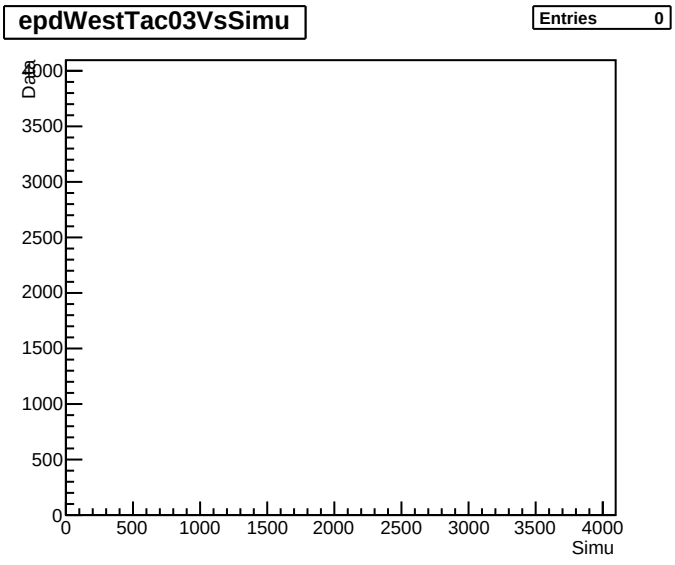
Entries 0
Data
Simu


epdWestTac03
Entries 616263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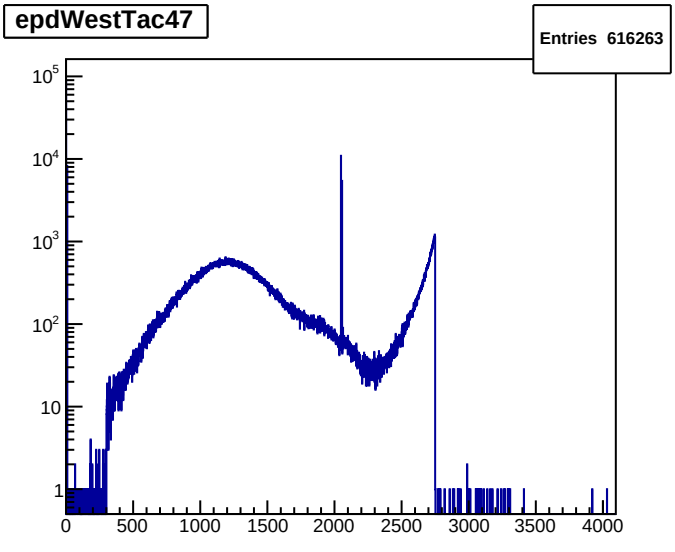
Entries 0
Data
Simu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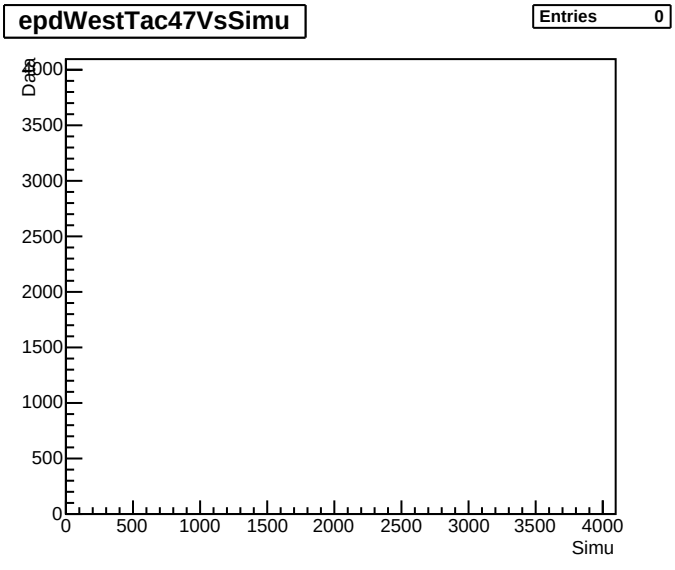
Entries 616263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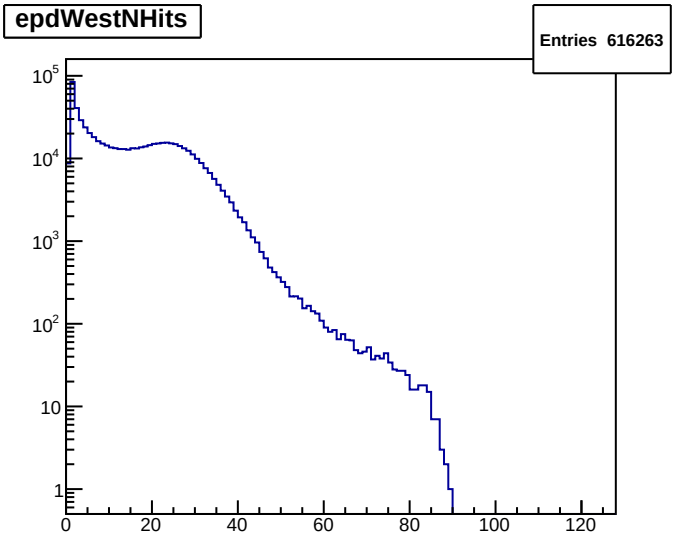
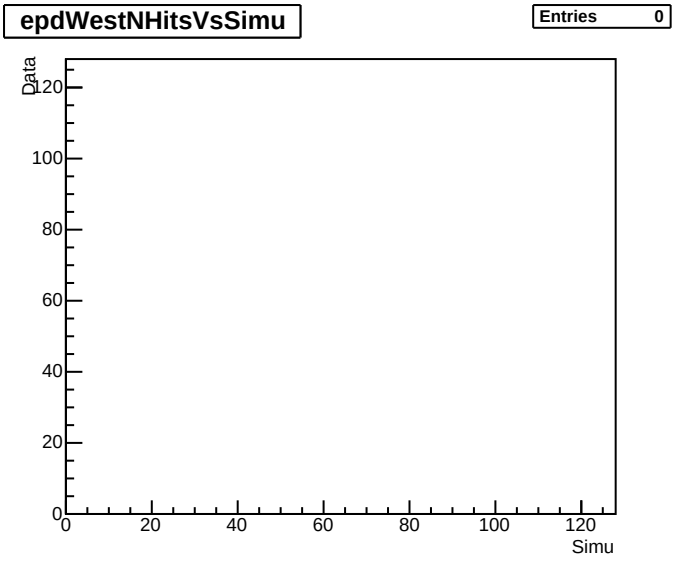
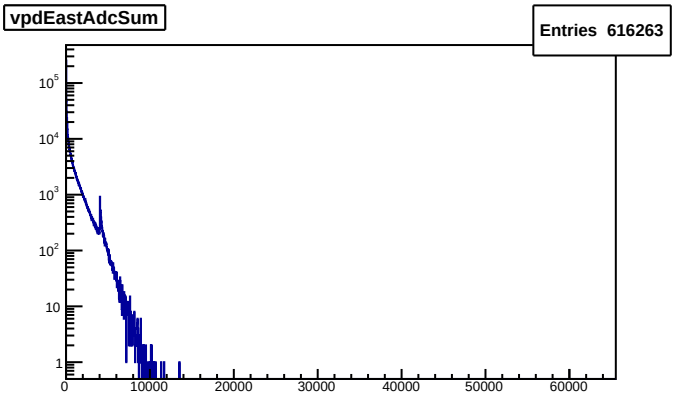
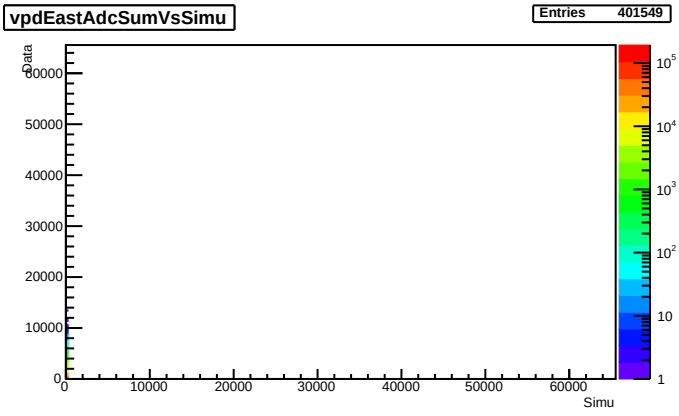
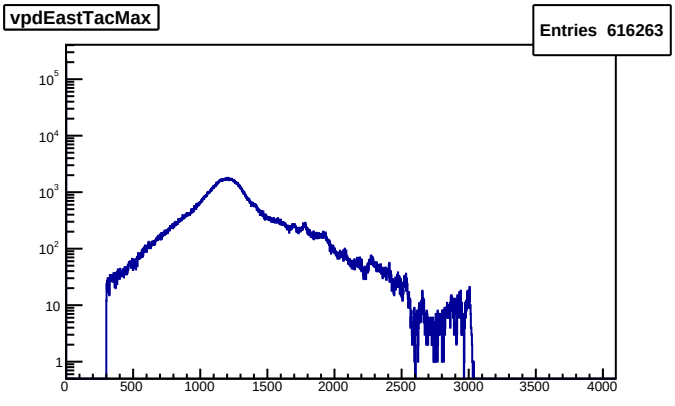
Entries 0
Data
Simu

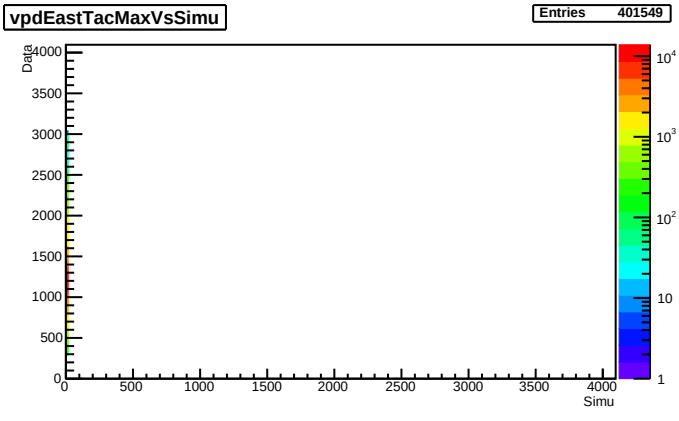

epdWestNHits
Entries 616263

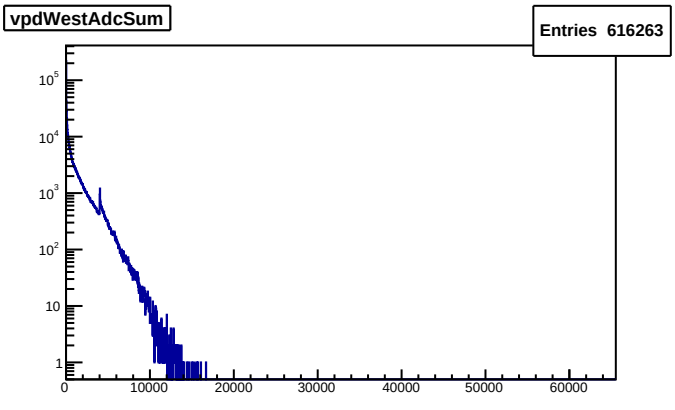

epdWestNHitsVsSimu
Entries 0
Data
Simu

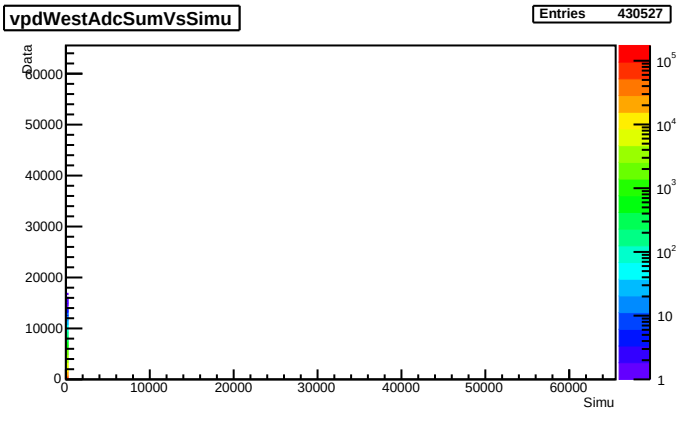

vpdEastAdcSum
Entries 616263

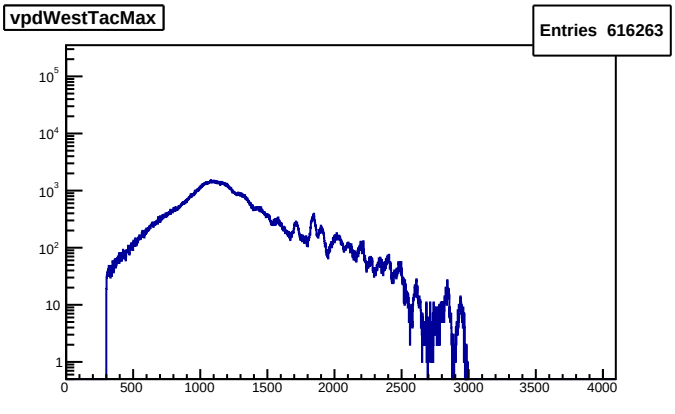

vpdEastAdcSumVsSimu
Entries 401549
Data
Simu

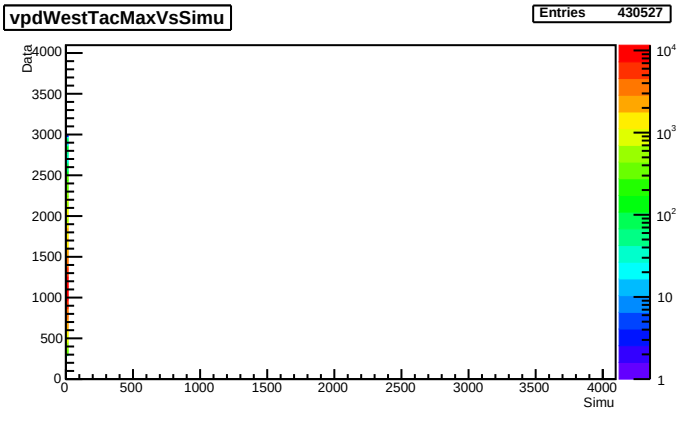

vpdEastTacMax
Entries 616263

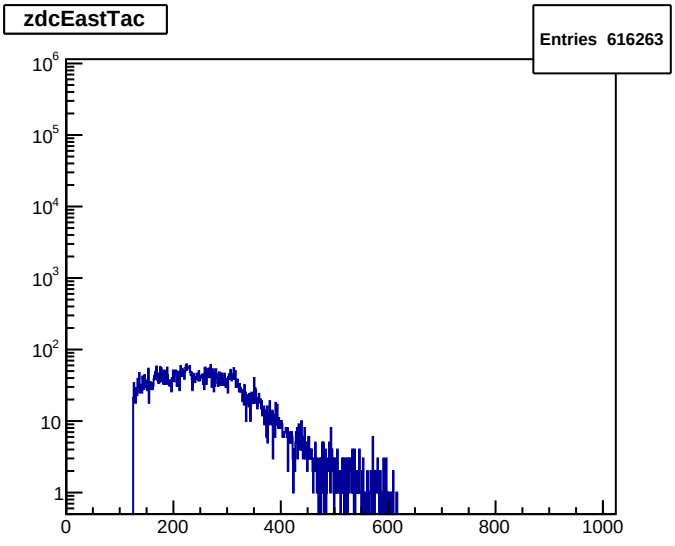

vpdEastTacMaxVsSimu
Entries 401549
Data
Simu

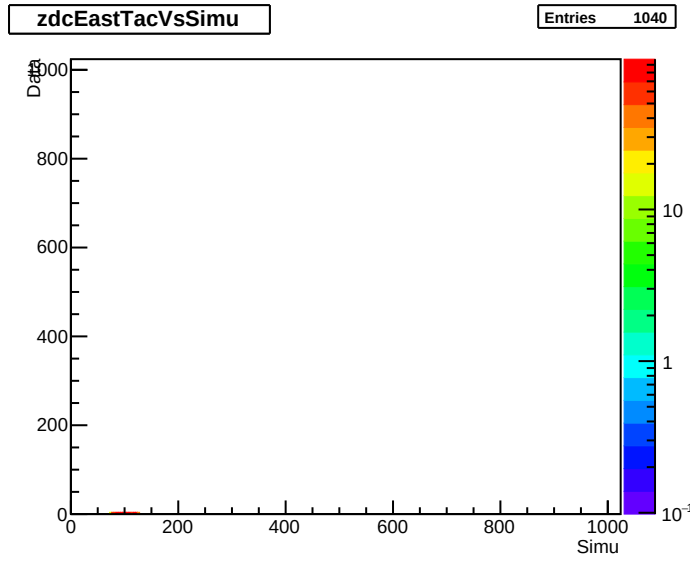

vpdWestAdcSum
Entries 616263

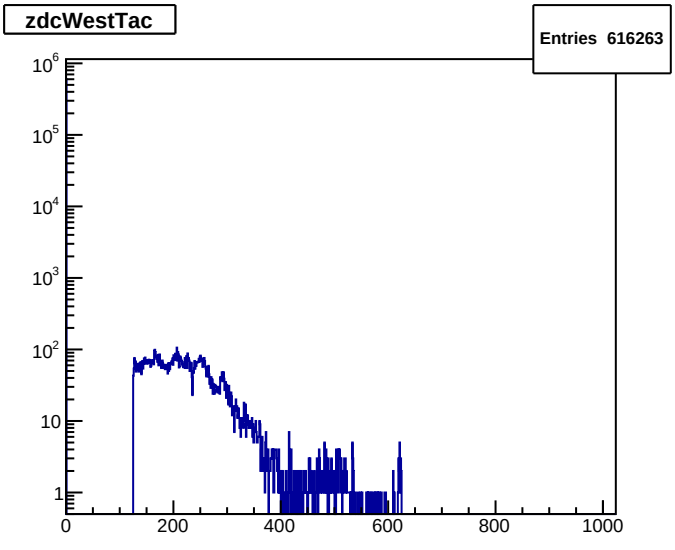

vpdWestAdcSumVsSimu
Entries 430527
Data
Simu

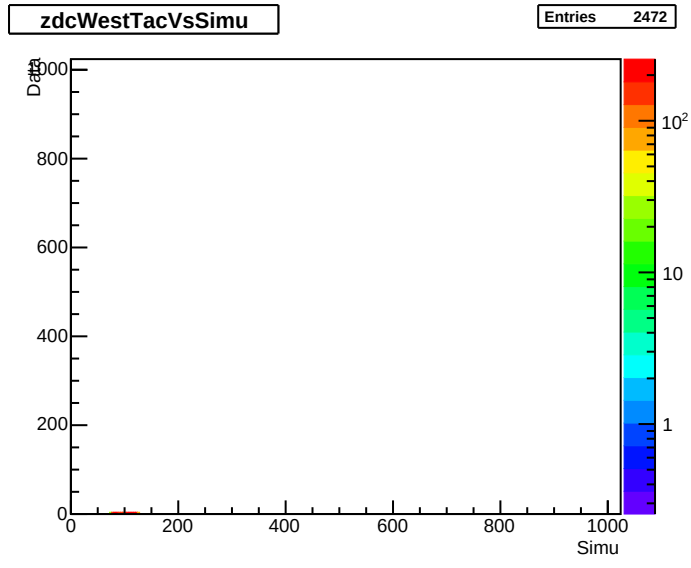

vpdWestTacMax
Entries 616263

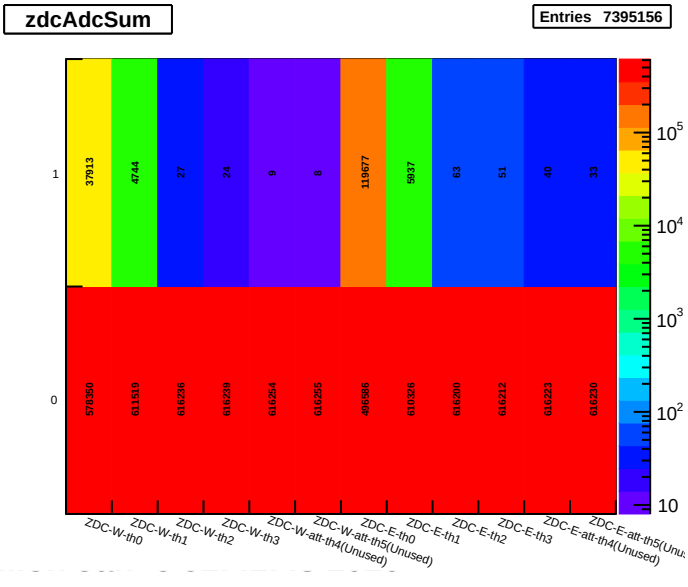

vpdWestTacMaxVsSimu
Entries 430527
Data
Simu

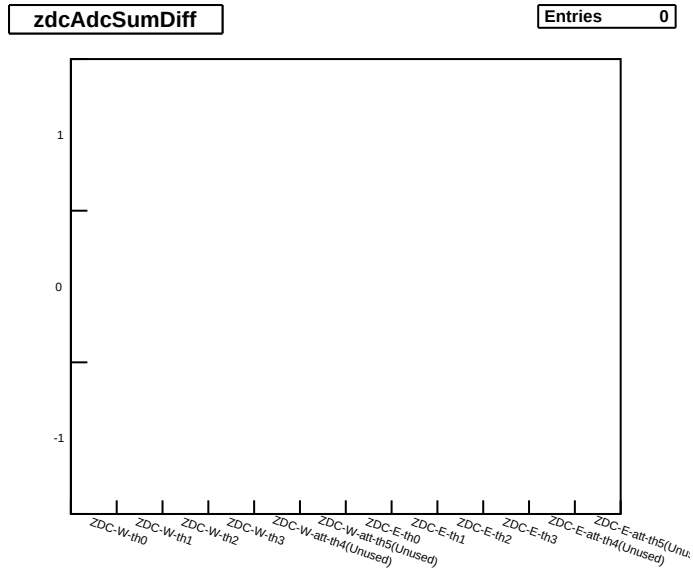

zdcEastTac
Entries 616263

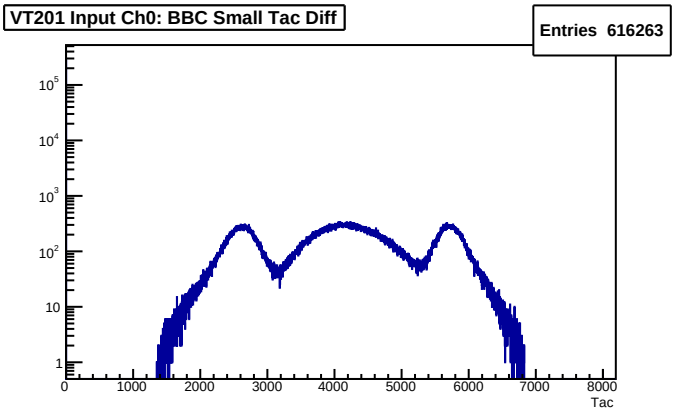

zdcEastTacVsSimu
Entries 1040
Data
Simu

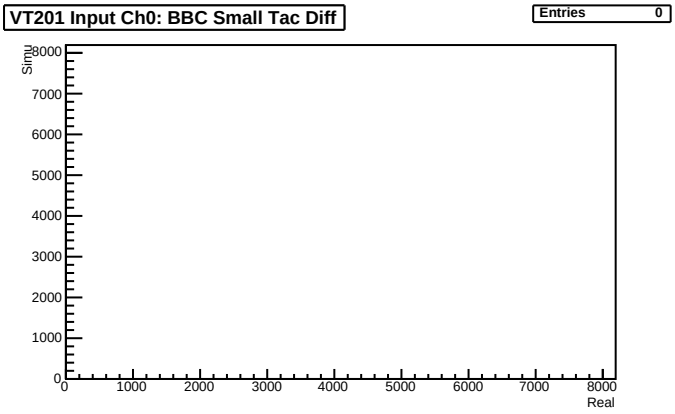

zdcWestTac
Entries 616263

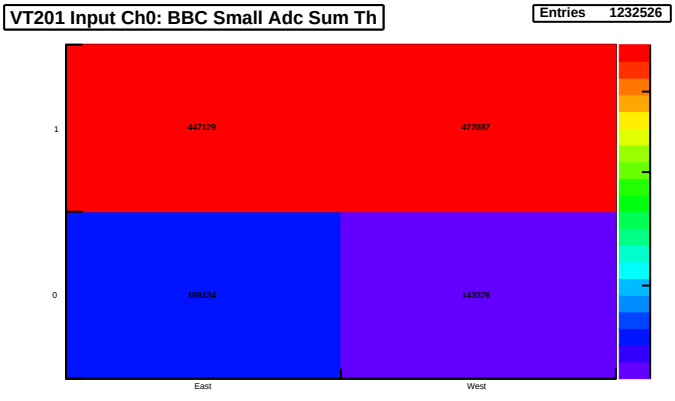

zdcWestTacVsSimu
Entries 2472
Data
Simu

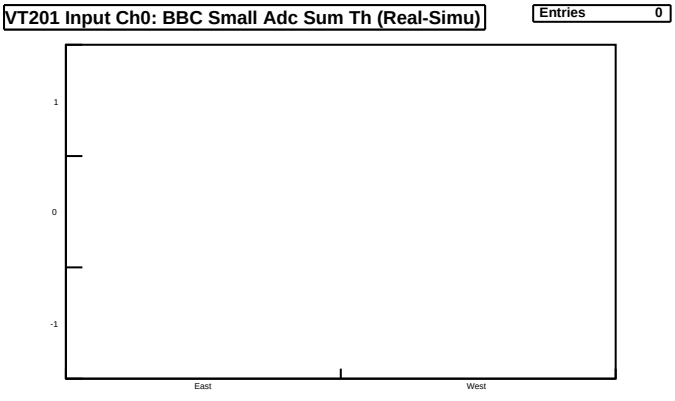

zdcAdcSum
Entries 7395156
37913
4744
27
24
9
8
119677
5937
63
51
40
33
578350
611519
616236
616239
616254
616255
496586
610326
616200
616212
616223
616230
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

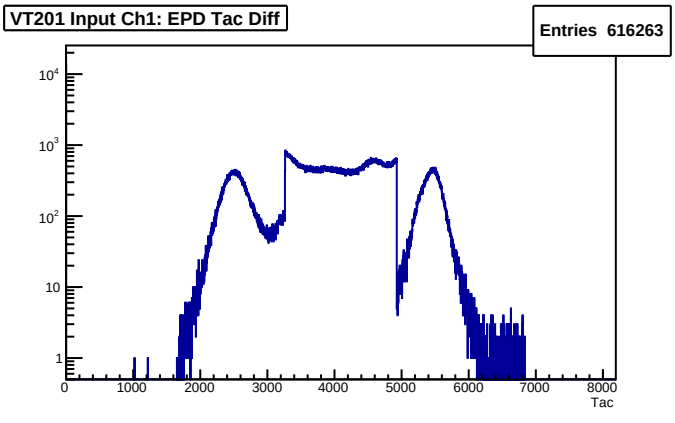

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

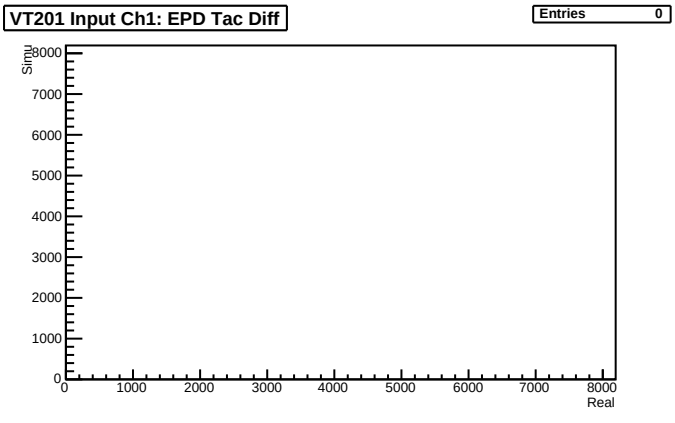

VT201 Input Ch0: BBC Small Tac Diff
Entries 616263
Tac

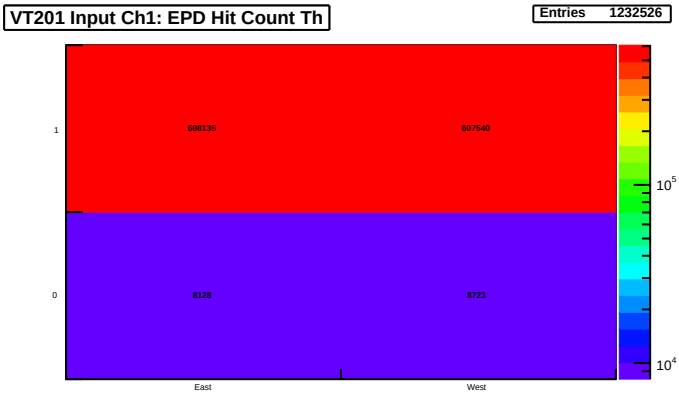

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

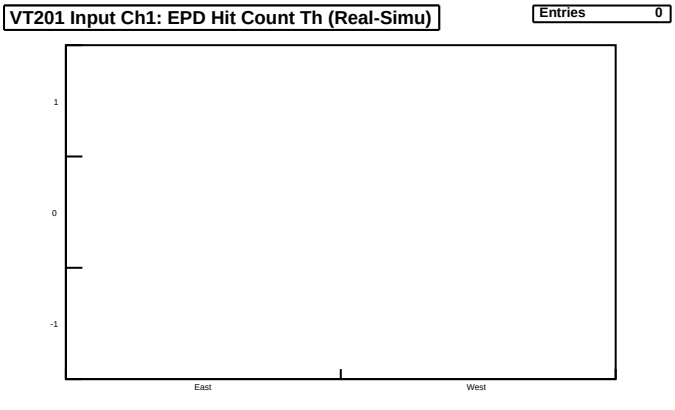

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1232526
447129
472887
169134
143376
East
West

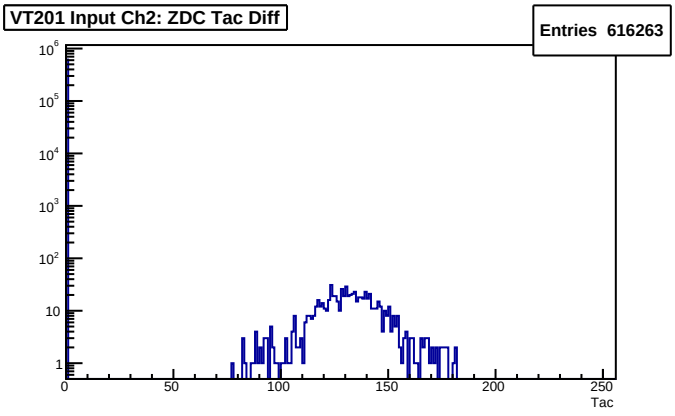

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

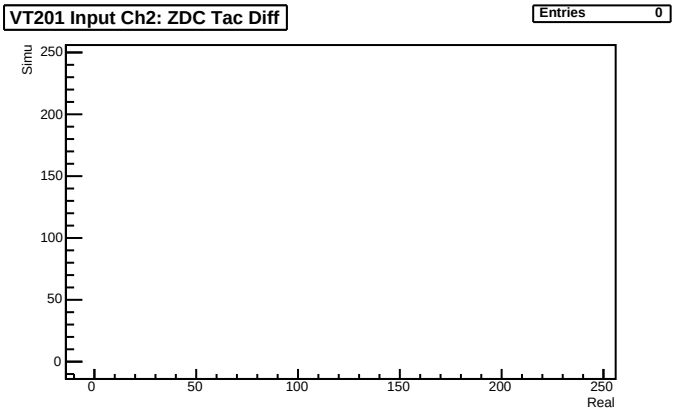

VT201 Input Ch1: EPD Tac Diff
Entries 616263
Tac

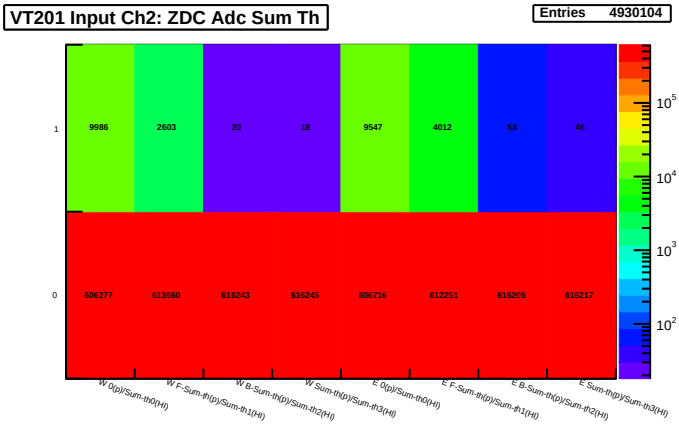

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

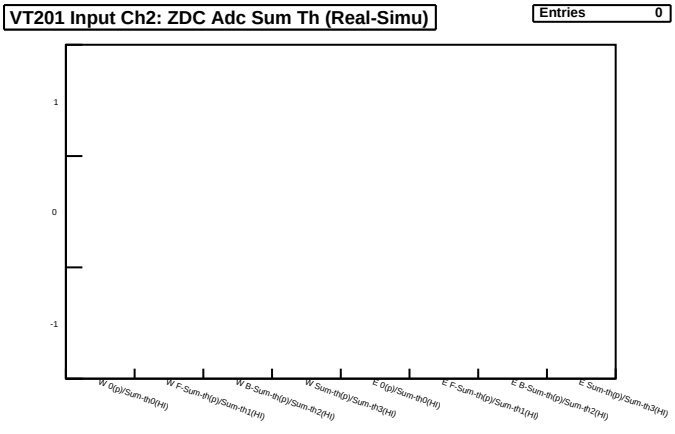

VT201 Input Ch1: EPD Hit Count Th
Entries 1232526
608135
607540
8128
8723
East
West

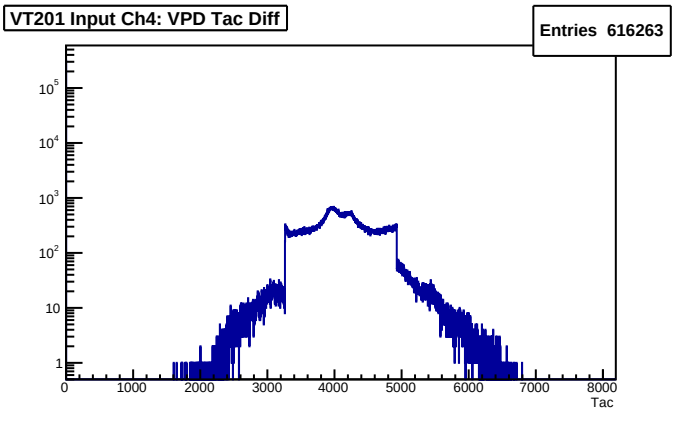

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

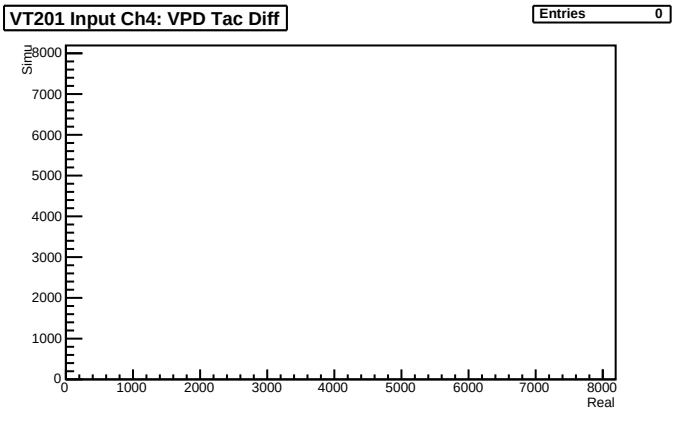

VT201 Input Ch2: ZDC Tac Diff
Entries 616263
Tac

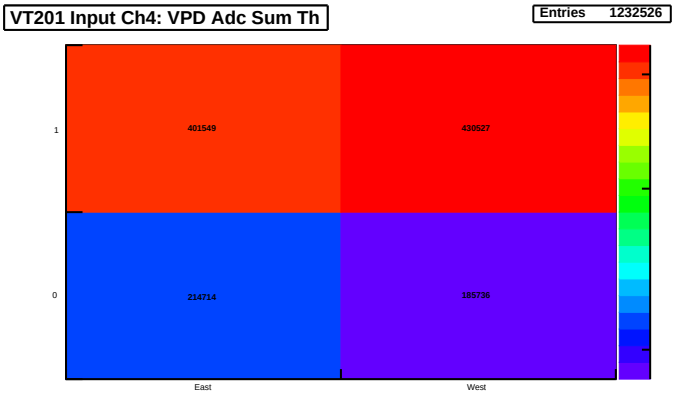

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

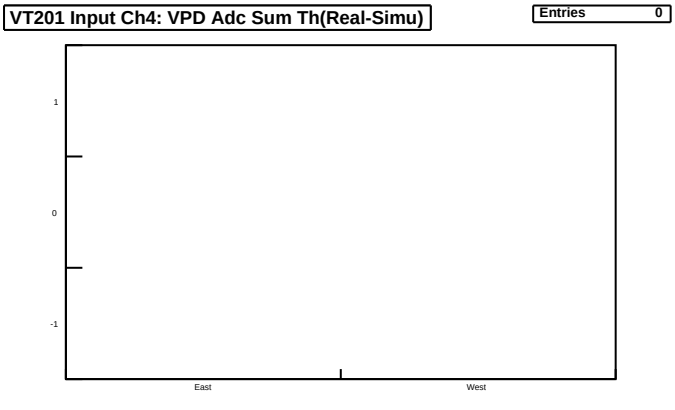

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4930104
9986
2603
20
18
9547
4012
58
46
606277
613660
616243
616245
606716
612251
616205
616217
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

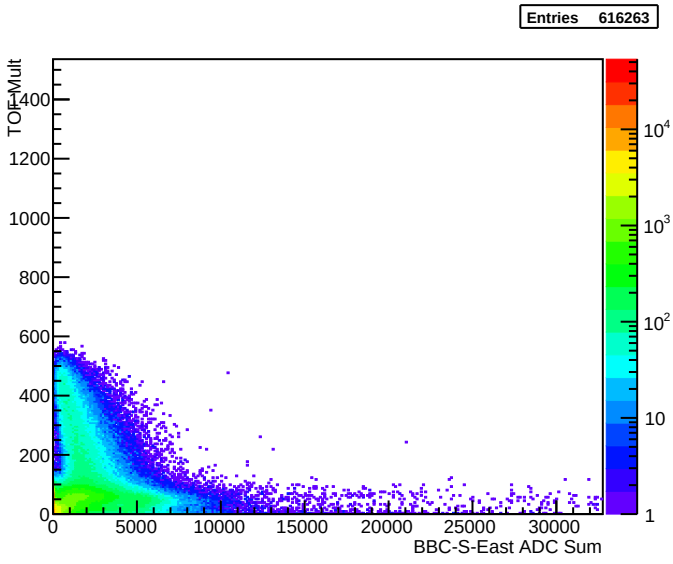

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

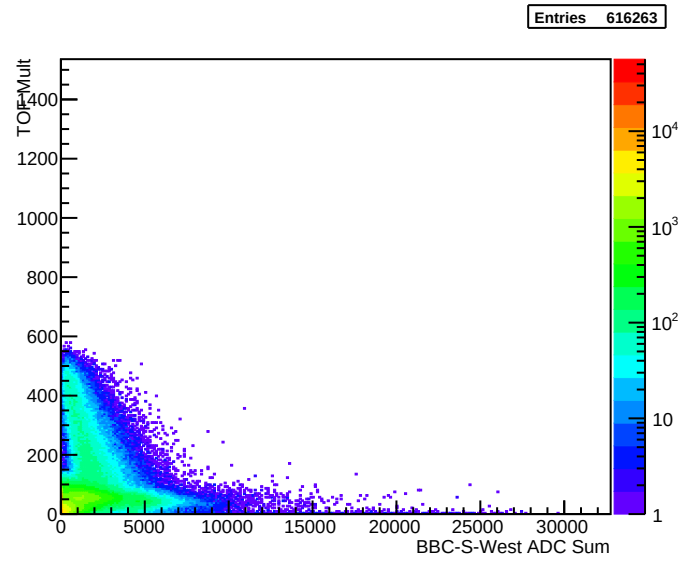

VT201 Input Ch4: VPD Tac Diff
Entries 616263
Tac

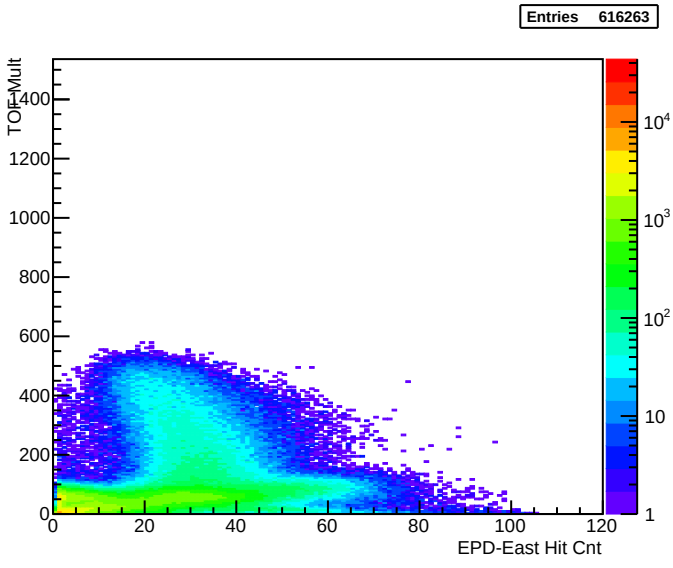

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

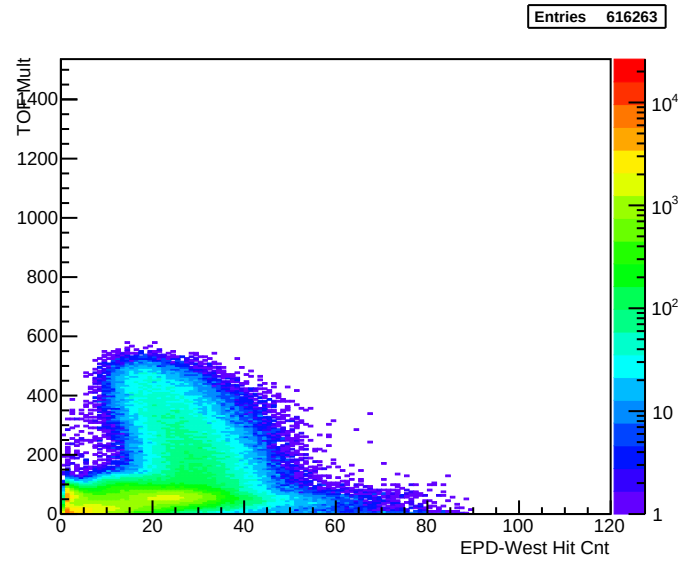

VT201 Input Ch4: VPD Adc Sum Th
Entries 1232526
401549
430527
214714
185736
East
West

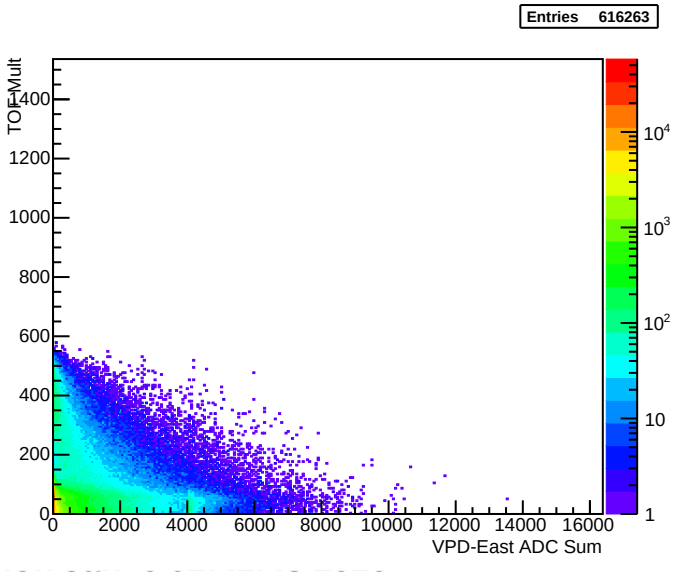

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

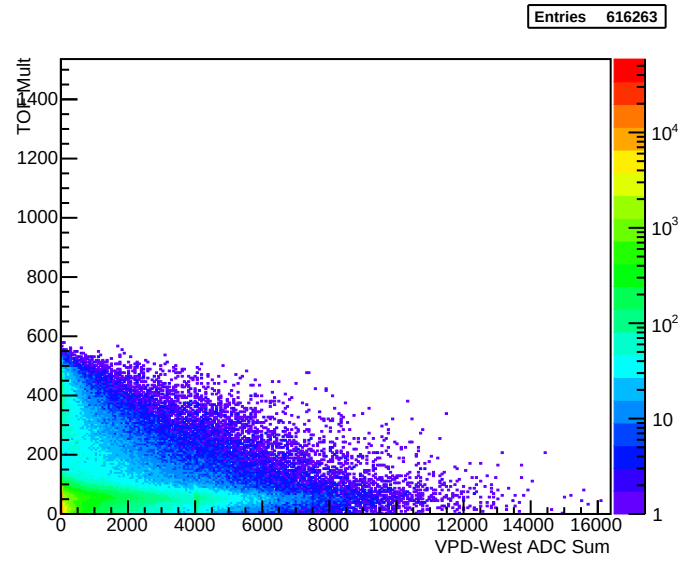

Entries 616263
TOF-Mult
BBC-S-East ADC Sum

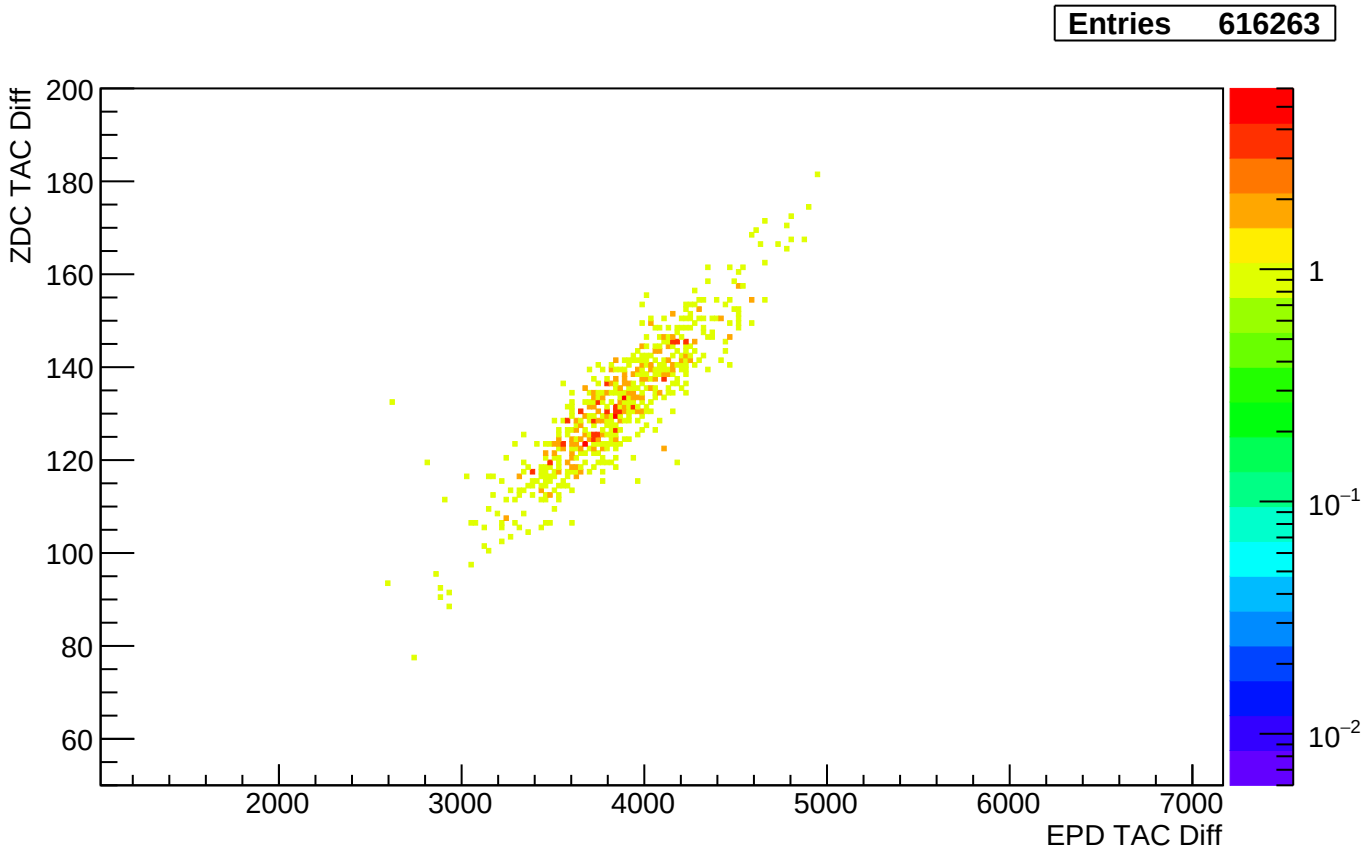

Entries 616263
TOF-Mult
BBC-S-West ADC Sum

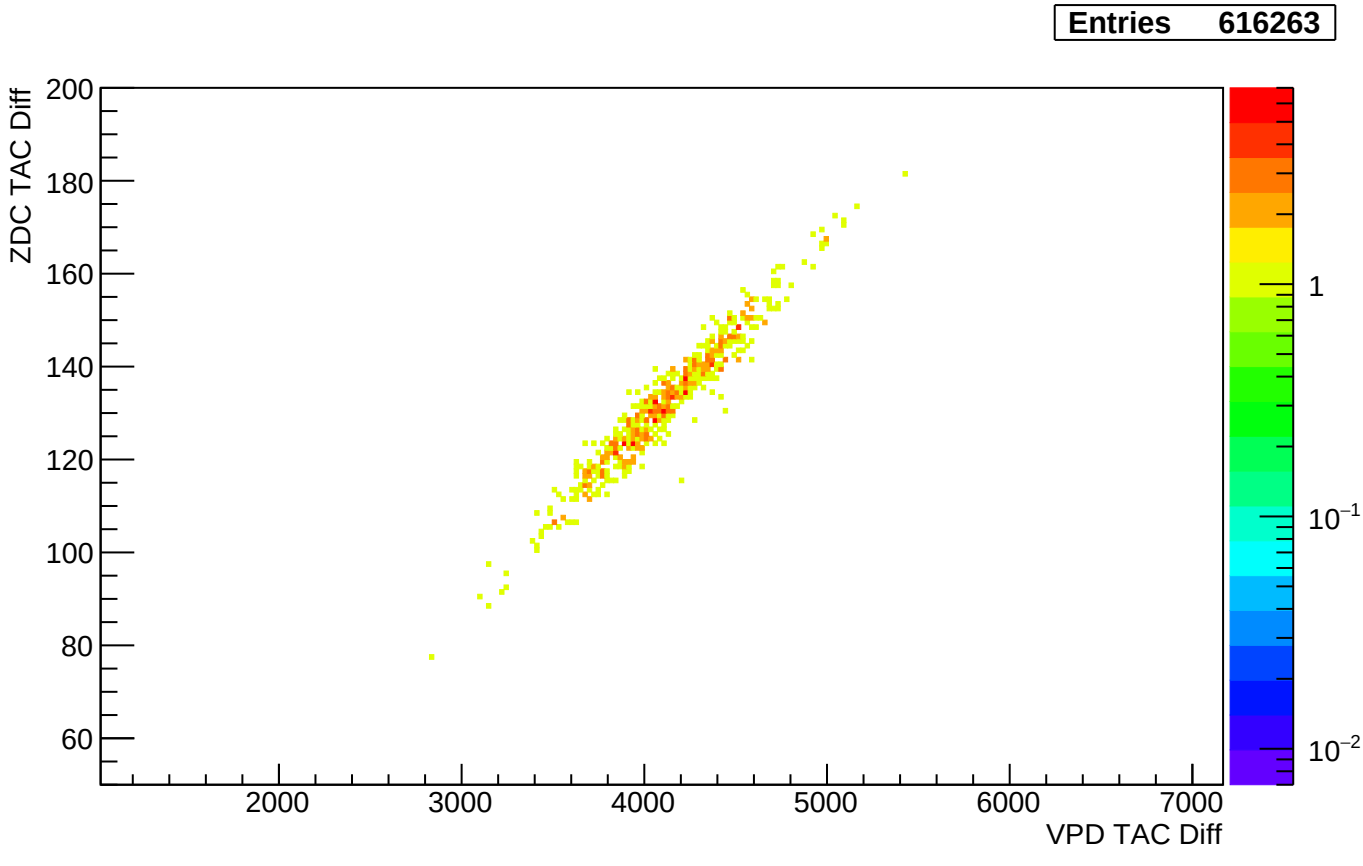

Entries 616263
TOF-Mult
EPD-East Hit Cnt

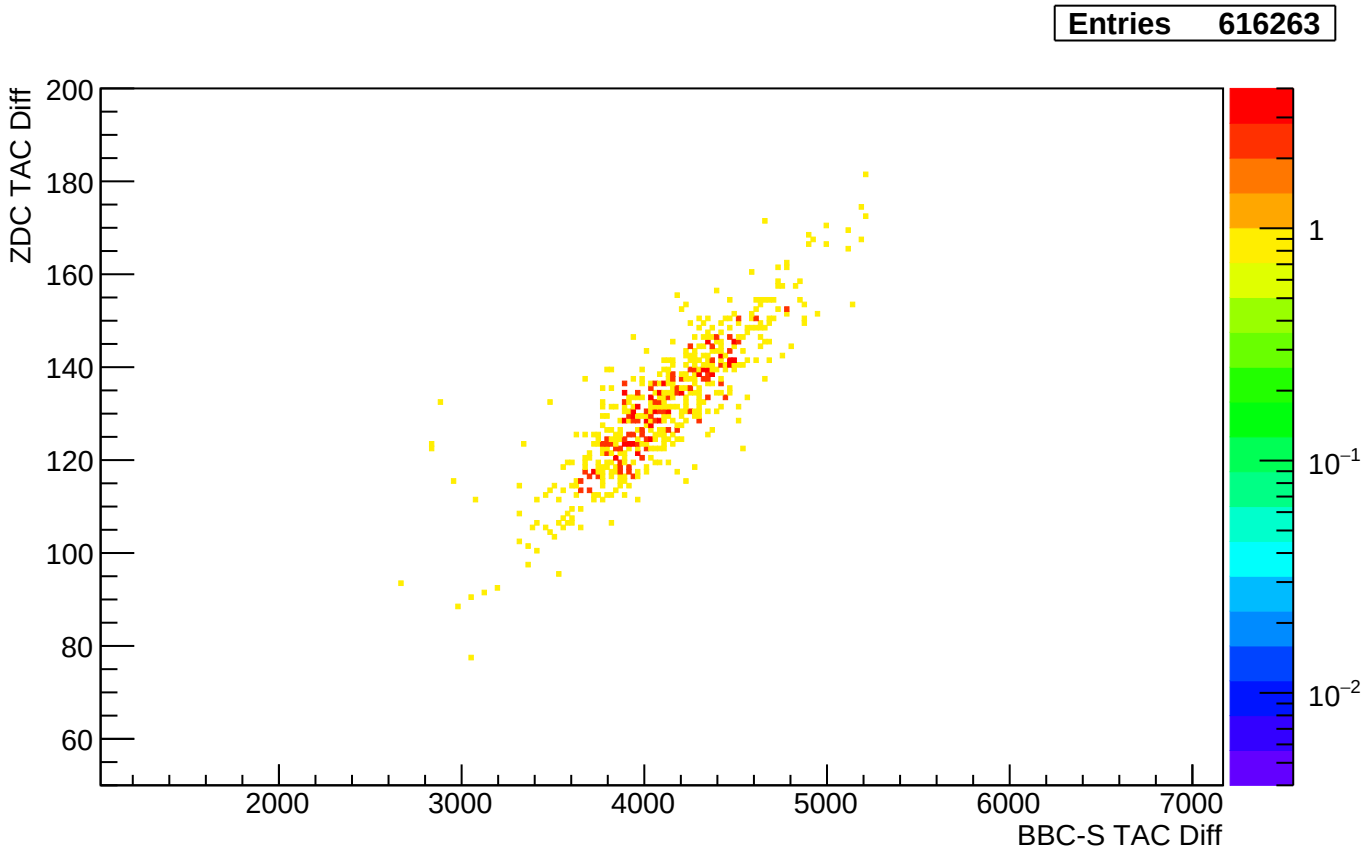

Entries 616263
TOF-Mult
EPD-West Hit Cnt

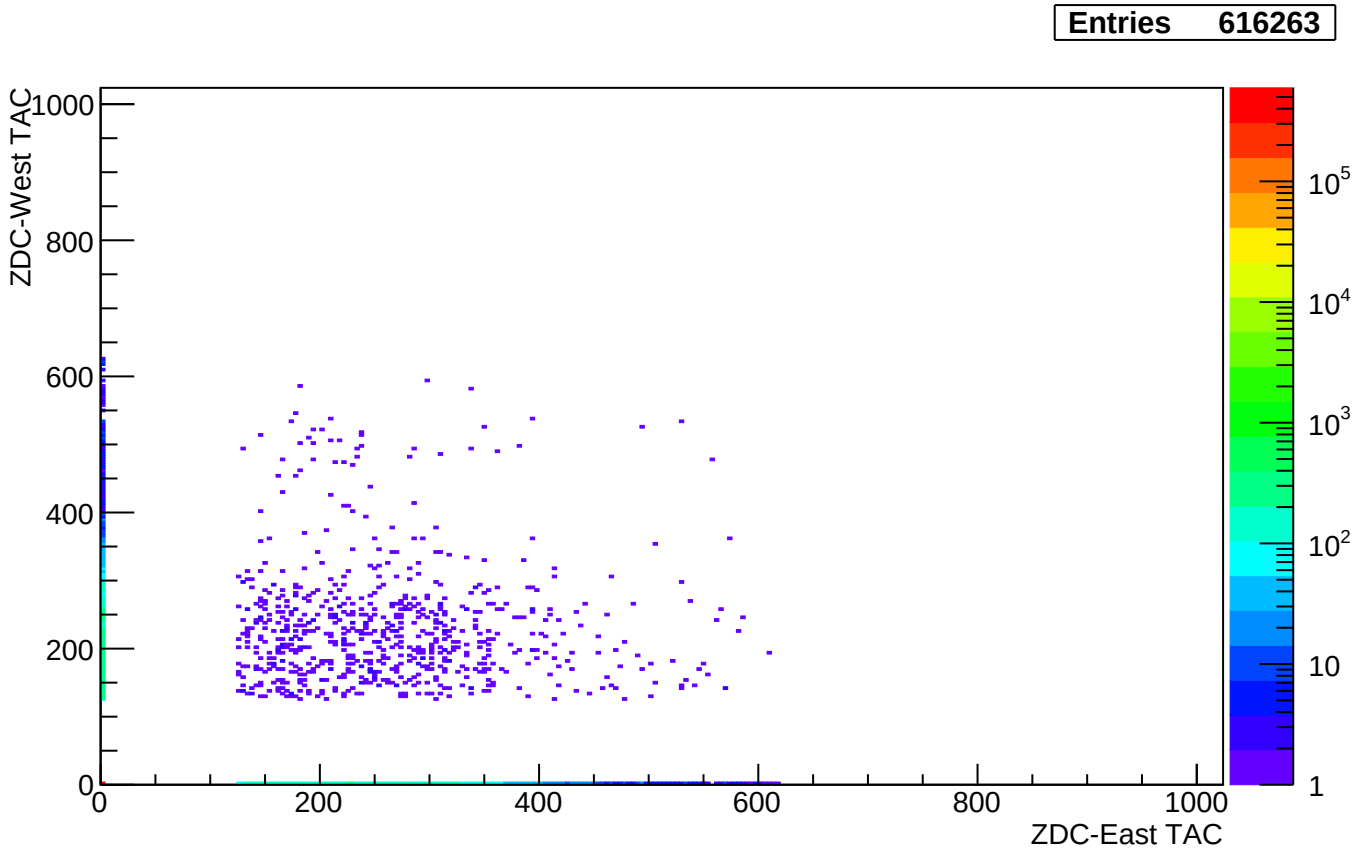

Entries 616263
TOF-Mult
VPD-East ADC Sum

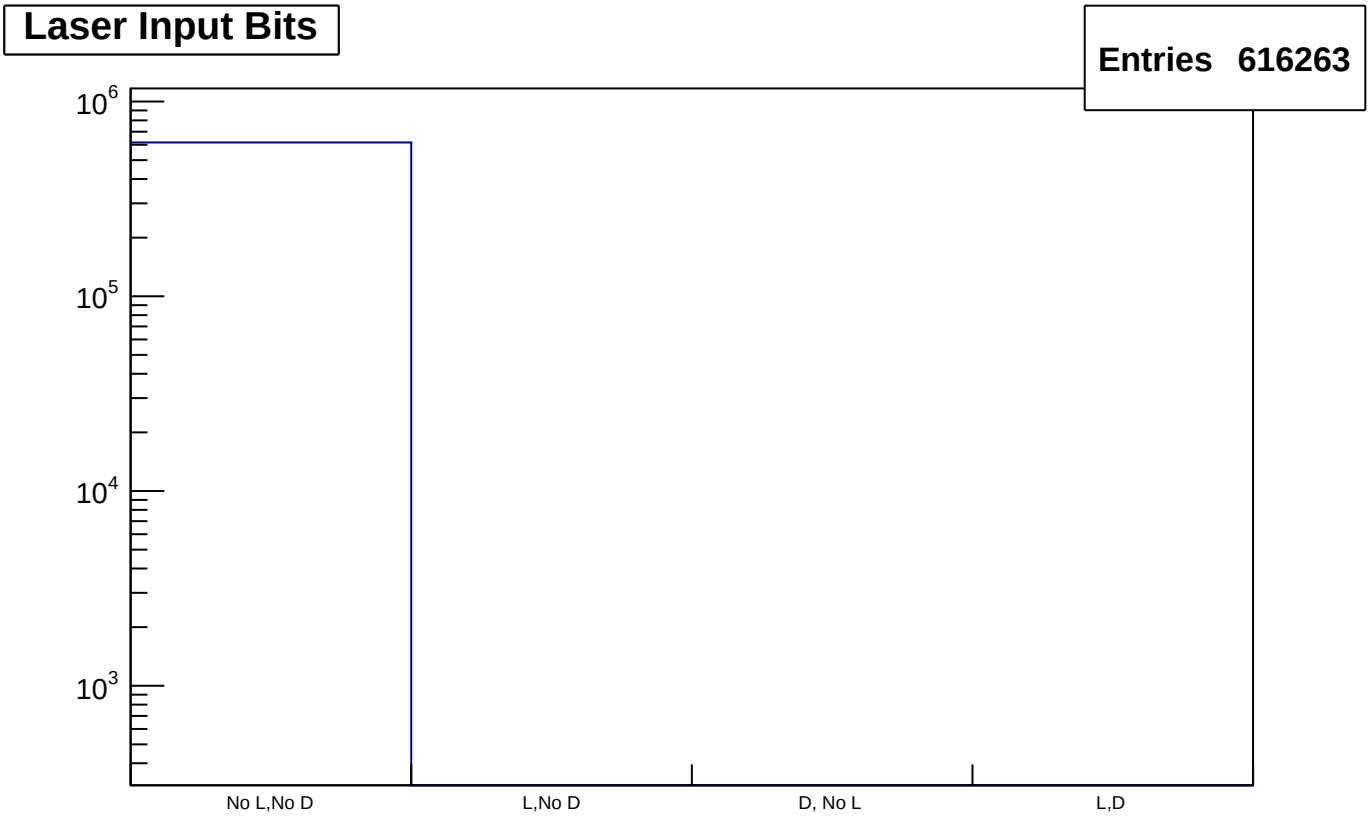

Entries 616263
TOF-Mult
VPD-West ADC Sum

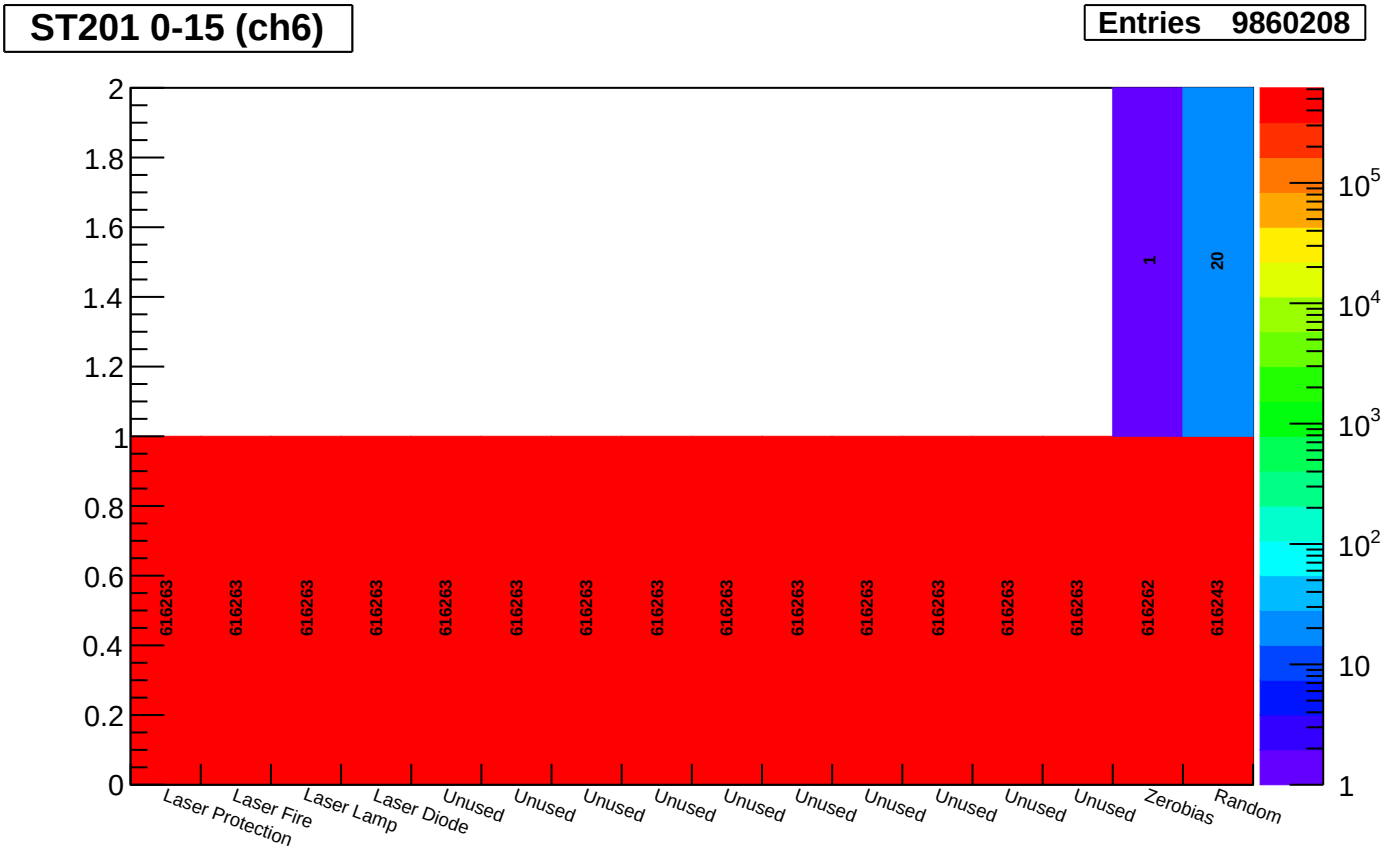

Entries 616263
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

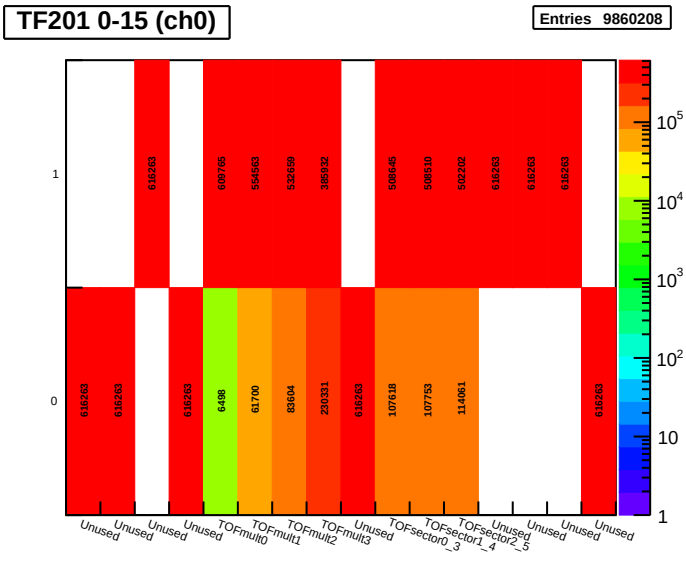

Entries 616263
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

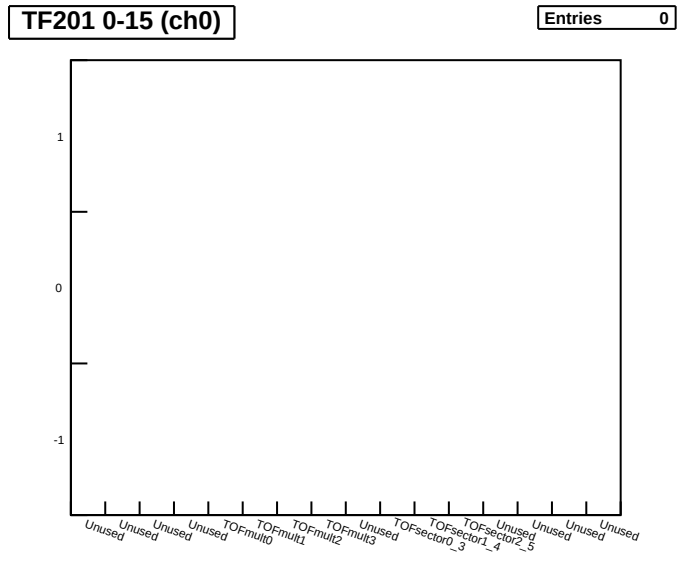

Entries 616263
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

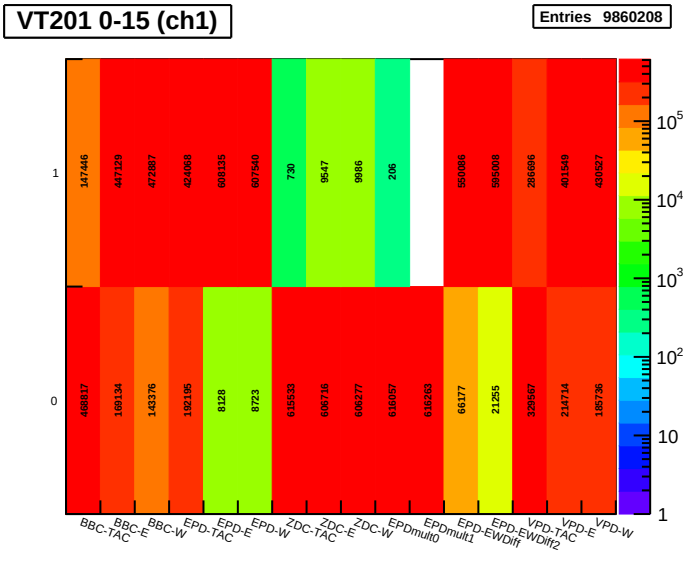

Entries 616263
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

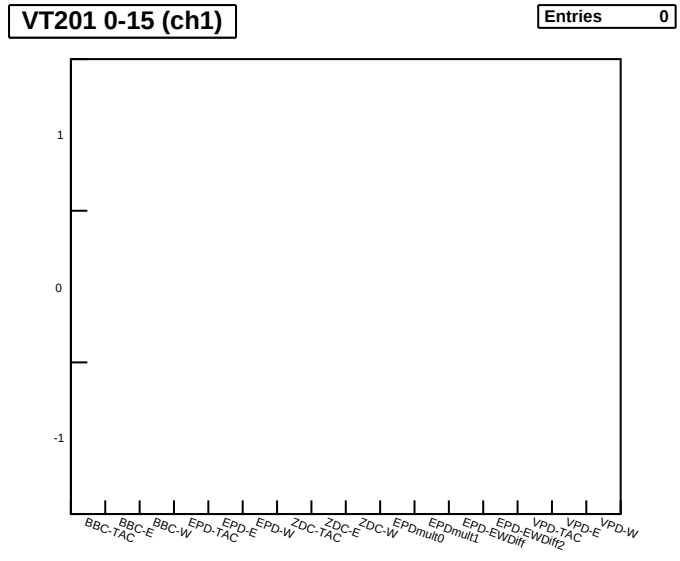

Laser Input Bits
Entries 616263
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

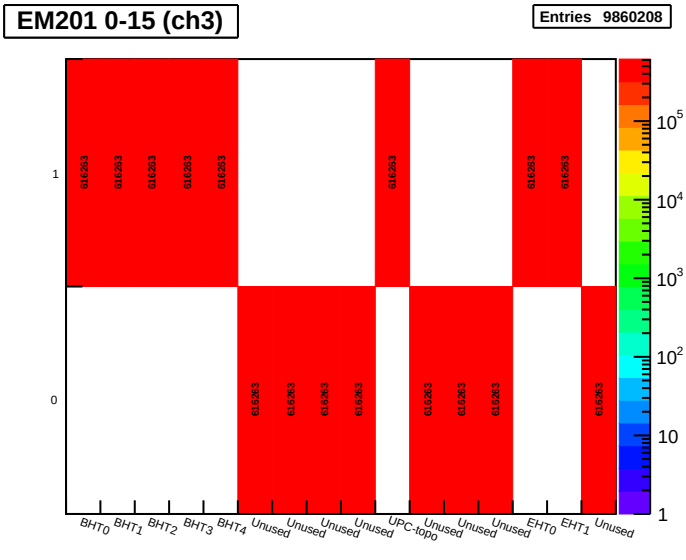

ST201 0-15 (ch6)
Entries 9860208
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616262
616243
1
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

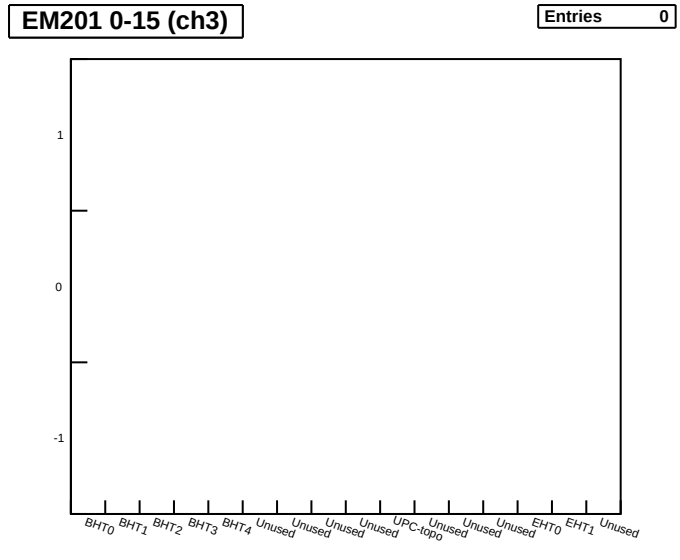

TF201 0-15 (ch0)
Entries 9860208
1
0
616263
616263
616263
616263
609765
554563
532669
385932
616263
616263
616263
6498
61700
83604
230331
616263
506645
508510
502202
107618
107753
114061
616263
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 9860208
1
0
147446
447129
472887
424068
608135
607540
730
9547
9986
206
550086
595008
286696
401549
430527
468817
169134
143376
192195
8128
8723
615533
606716
606277
616057
616263
66177
21255
329567
214714
185736
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 9860208
1
0
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
616263
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