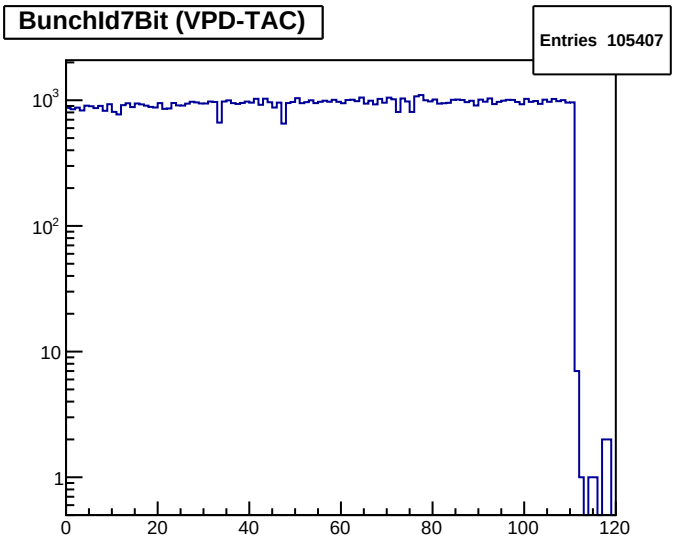
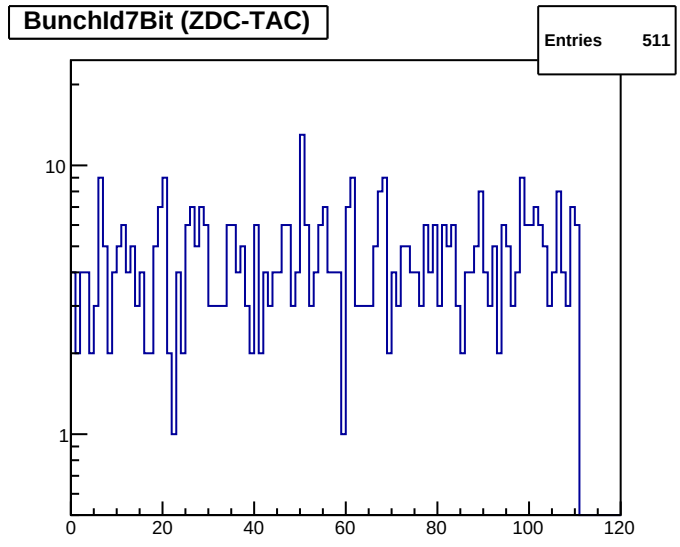
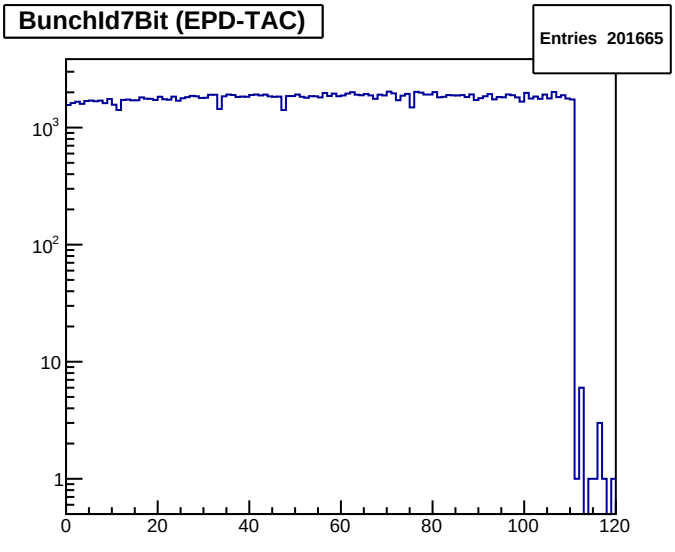
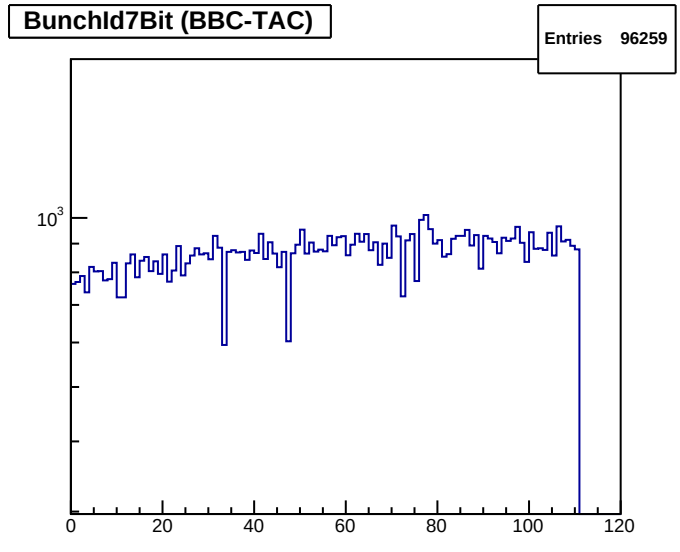
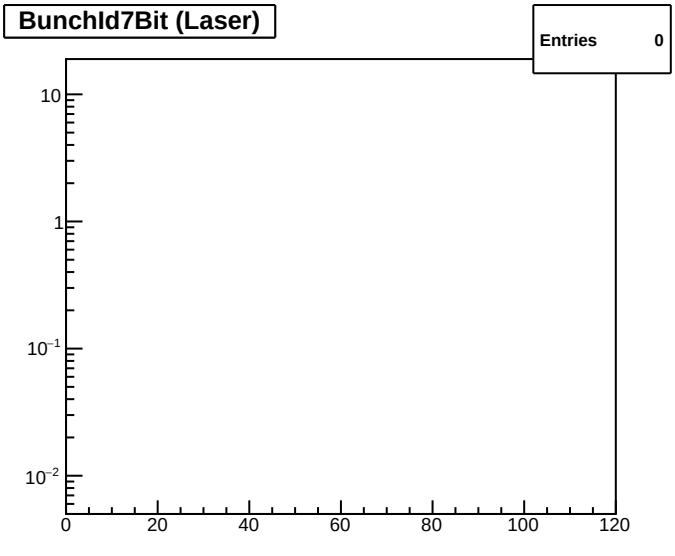
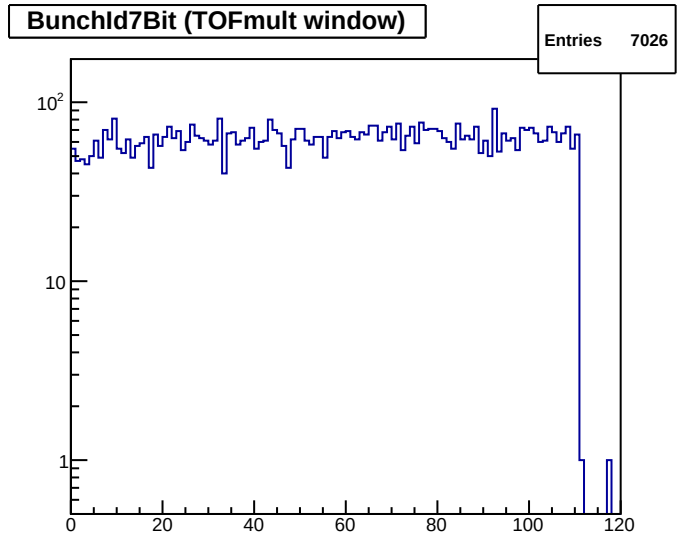

BunchId7Bit (VPD-TAC)
Entries 105407

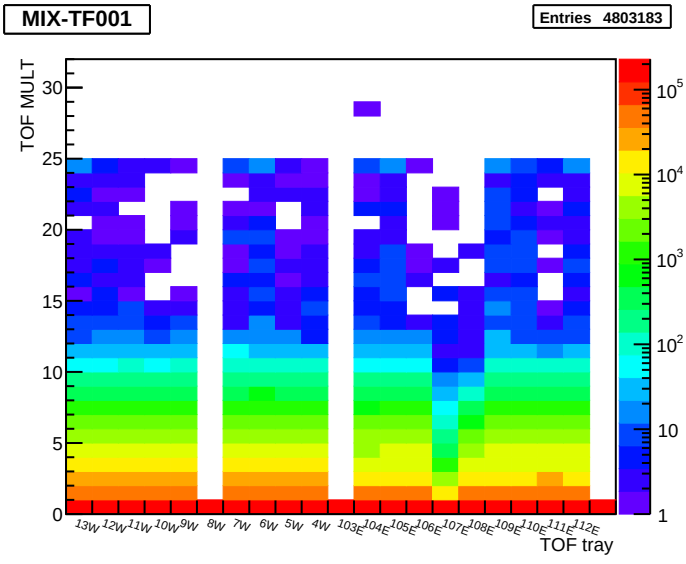

BunchId7Bit (ZDC-TAC)
Entries 511

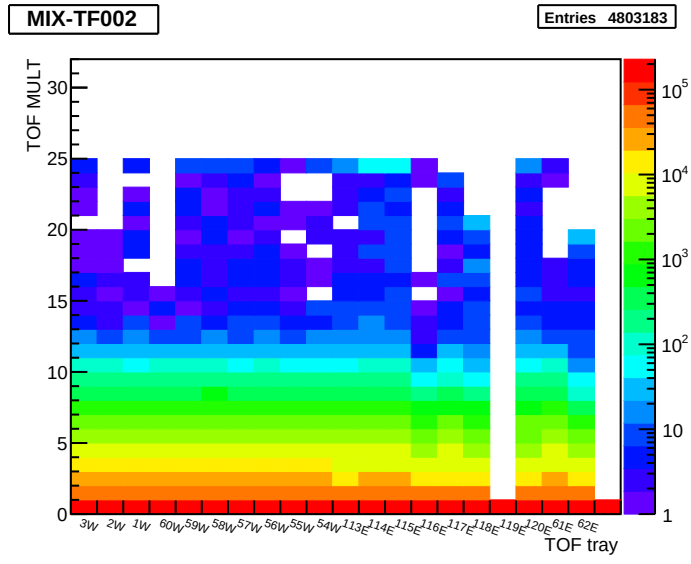

BunchId7Bit (EPD-TAC)
Entries 201665

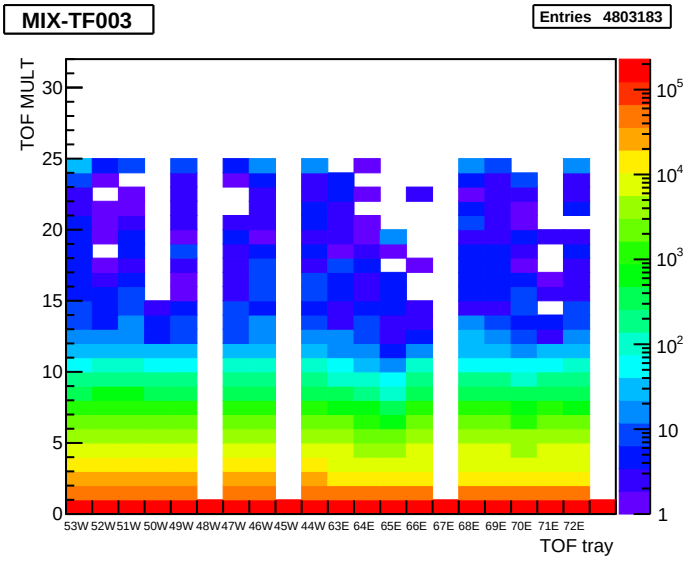

BunchId7Bit (BBC-TAC)
Entries 96259

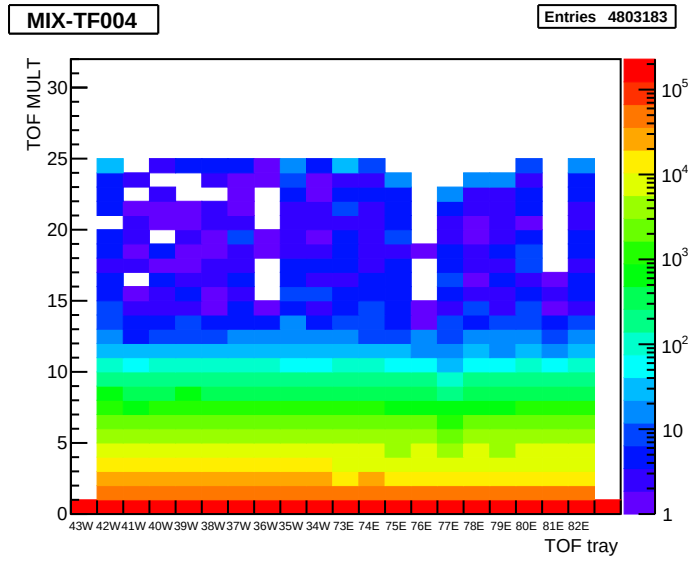

BunchId7Bit (Laser)
Entries 0

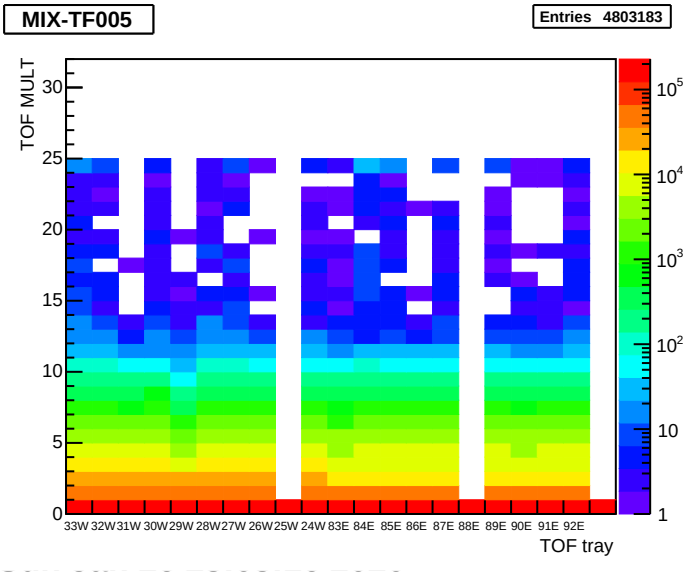

BunchId7Bit (TOFmult window)
Entries 7026

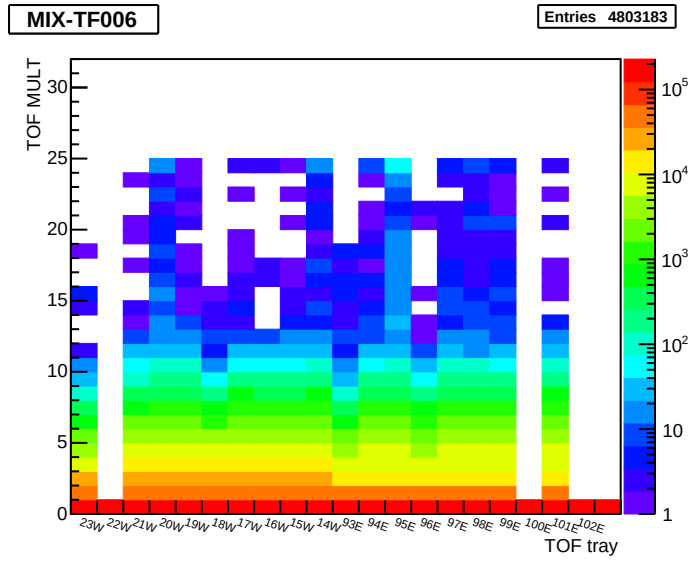

MIX-TF001
Entries 4803183
TOF MULT
TOF tray

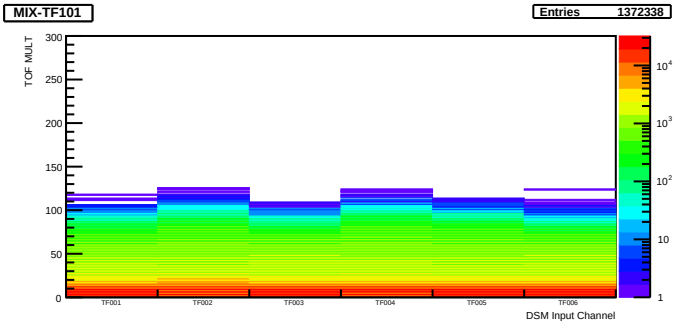

MIX-TF002
Entries 4803183
TOF MULT
TOF tray

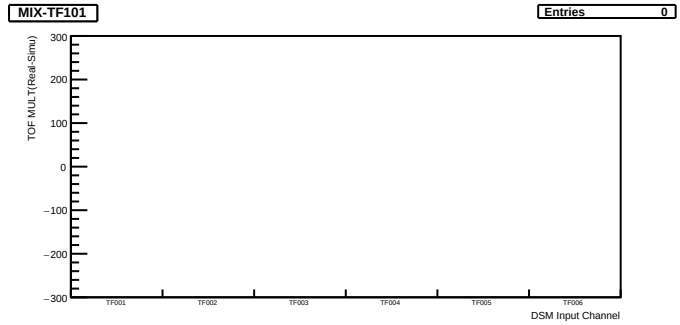

MIX-TF003
Entries 4803183
TOF MULT
TOF tray

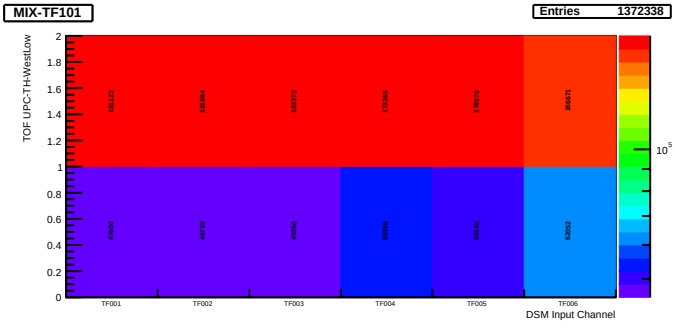

MIX-TF004
Entries 4803183
TOF MULT
TOF tray

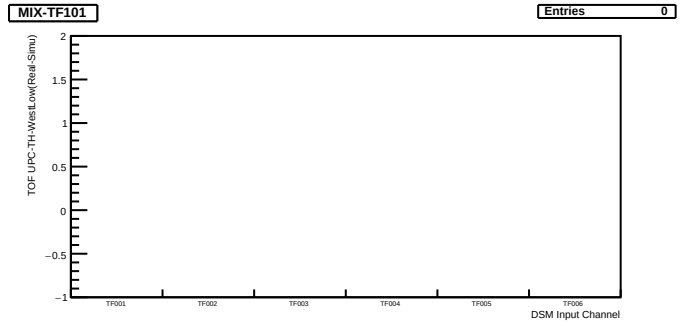

MIX-TF005
Entries 4803183
TOF MULT
TOF tray

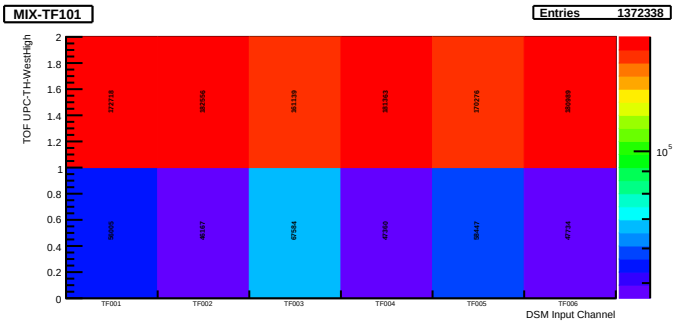

MIX-TF006
Entries 4803183
TOF MULT
TOF tray

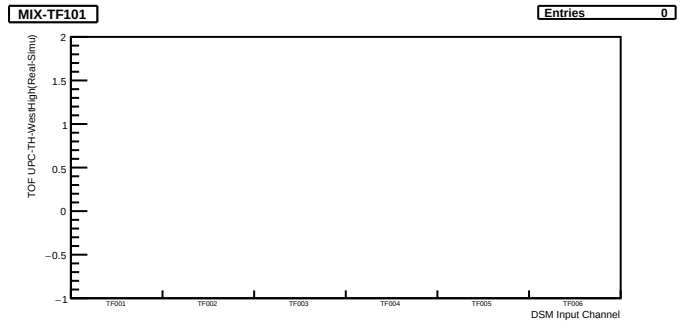

MIX-TF101
Entries 1372338
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

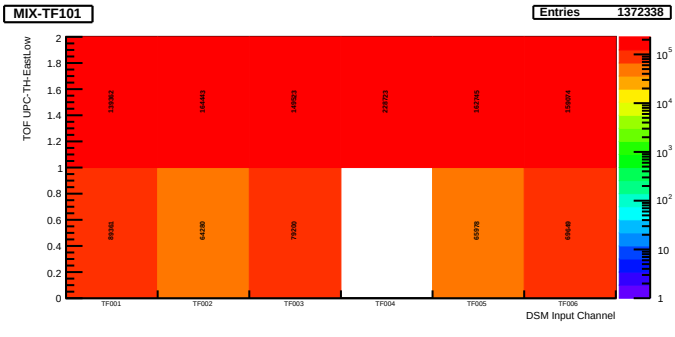

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

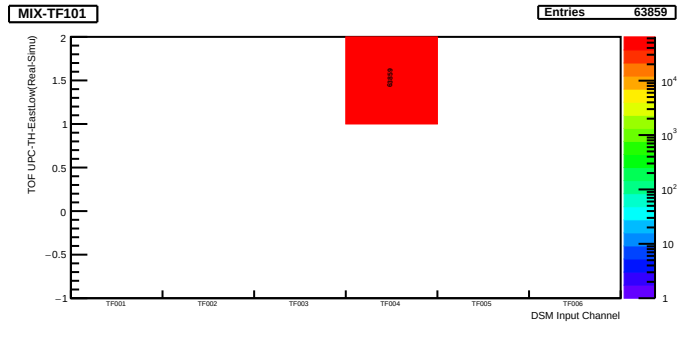

MIX-TF101
Entries 1372338
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

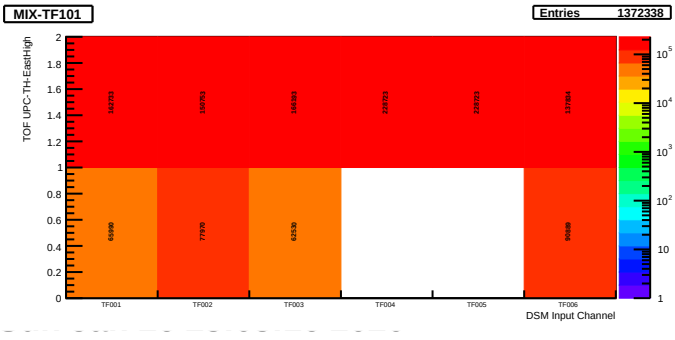

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

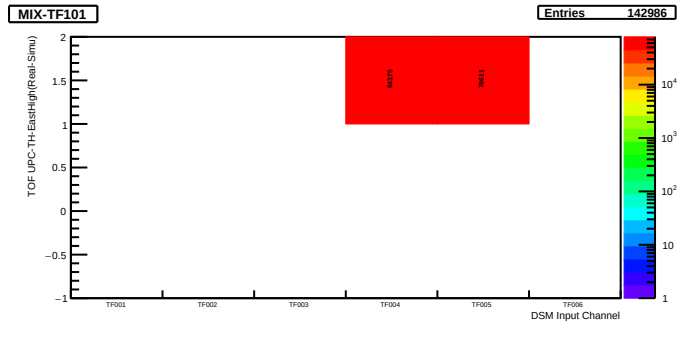

MIX-TF101
Entries 1372338
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

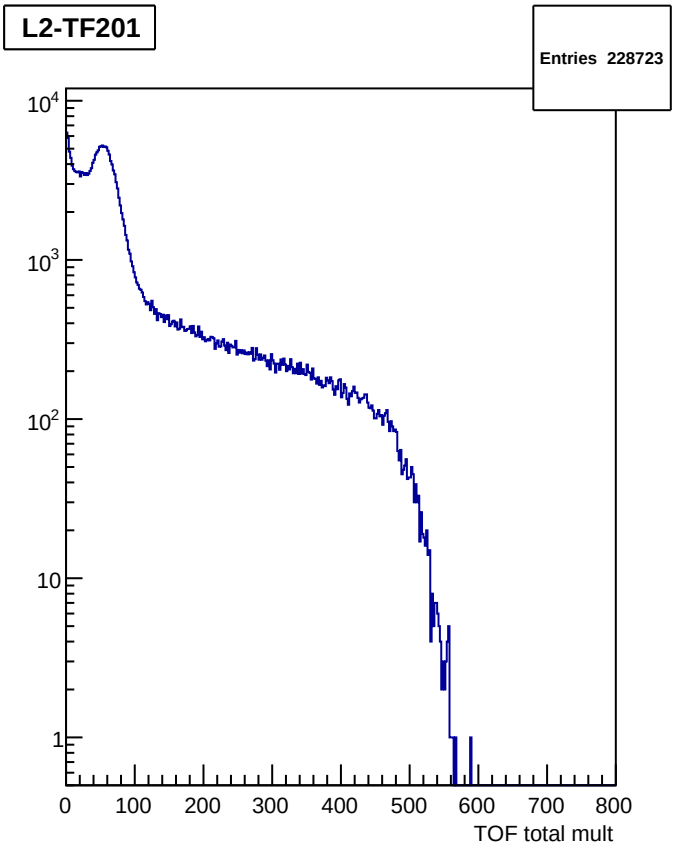

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

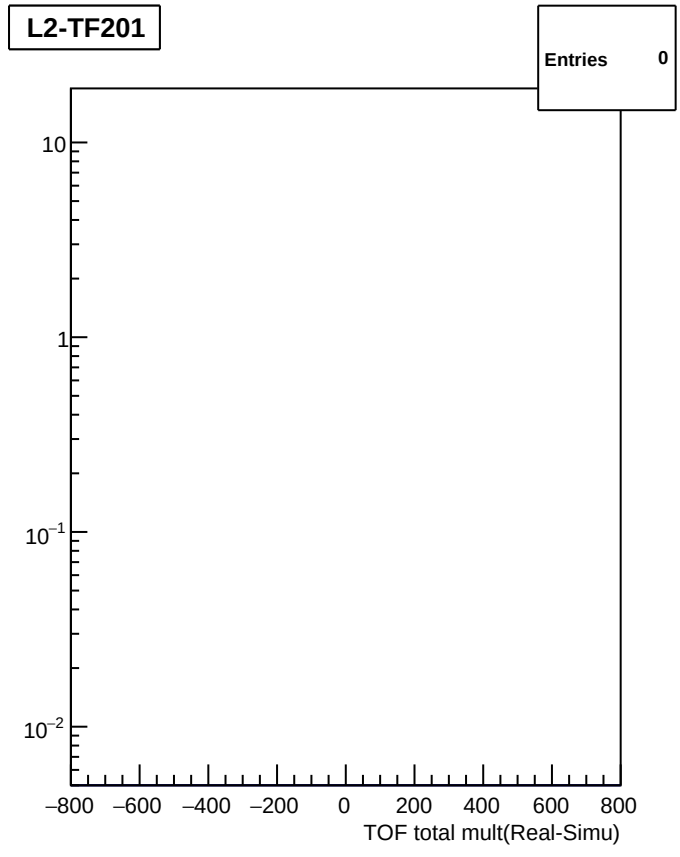

MIX-TF101
Entries 1372338
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

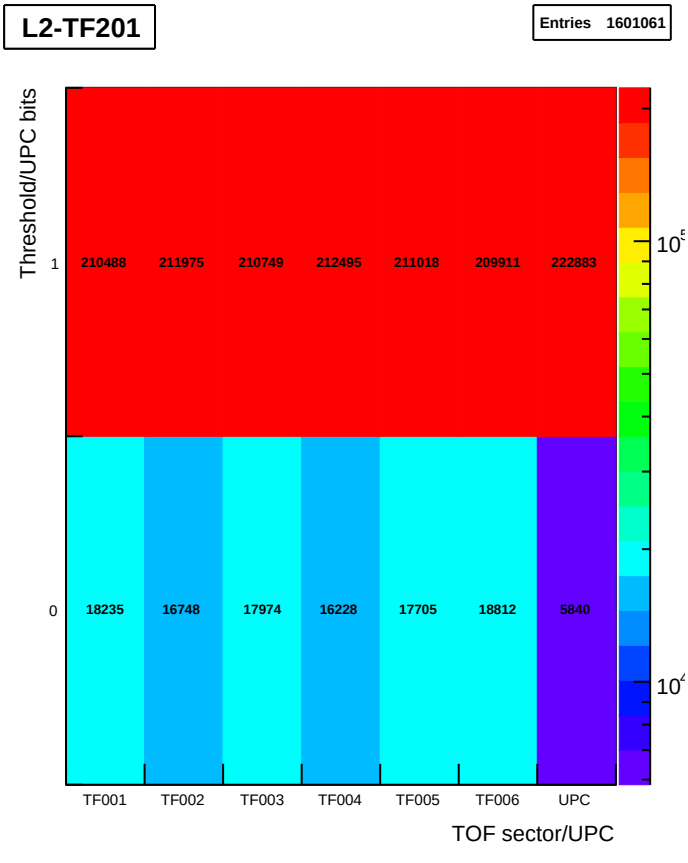

MIX-TF101
Entries 63859
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

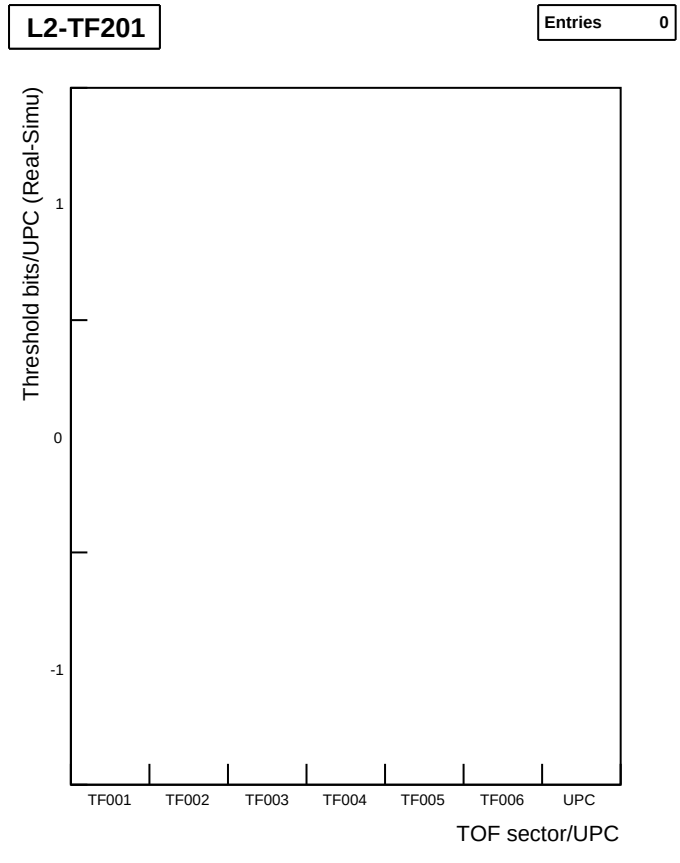

MIX-TF101
Entries 1372338
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

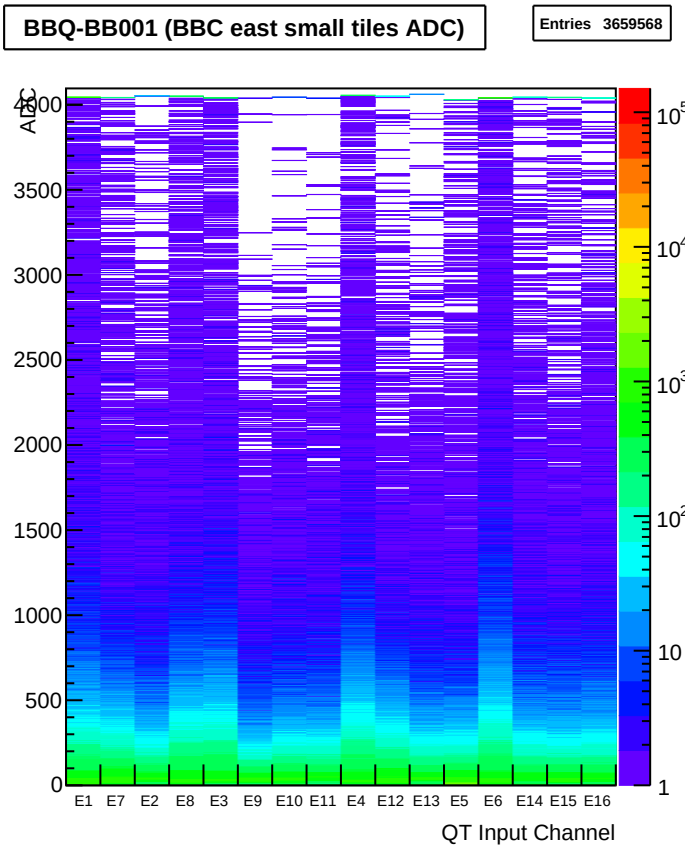

MIX-TF101
Entries 142986
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

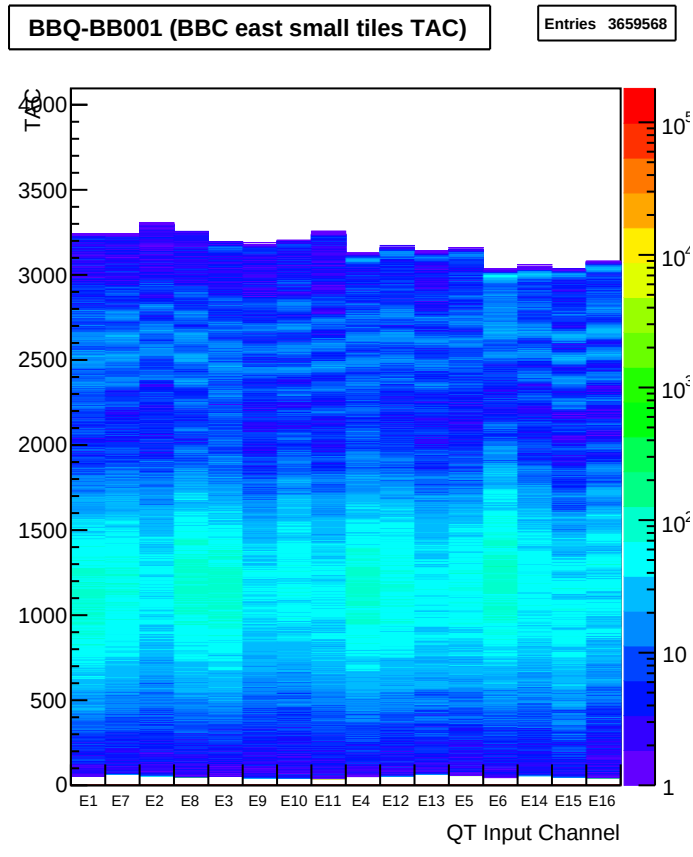

L2-TF201
Entries 228723
TOF total mult

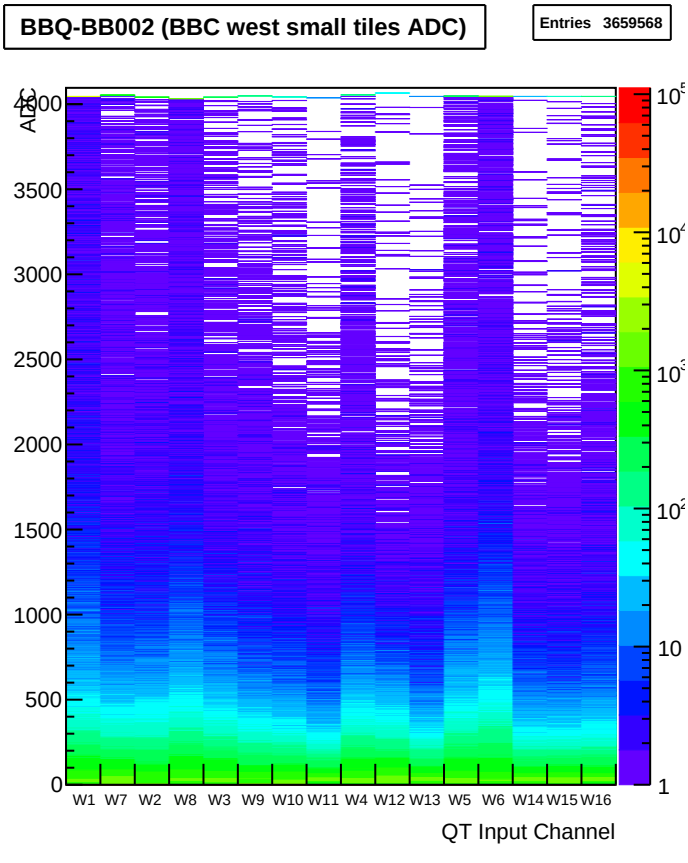

L2-TF201
Entries 0
TOF total mult(Real-Simu)

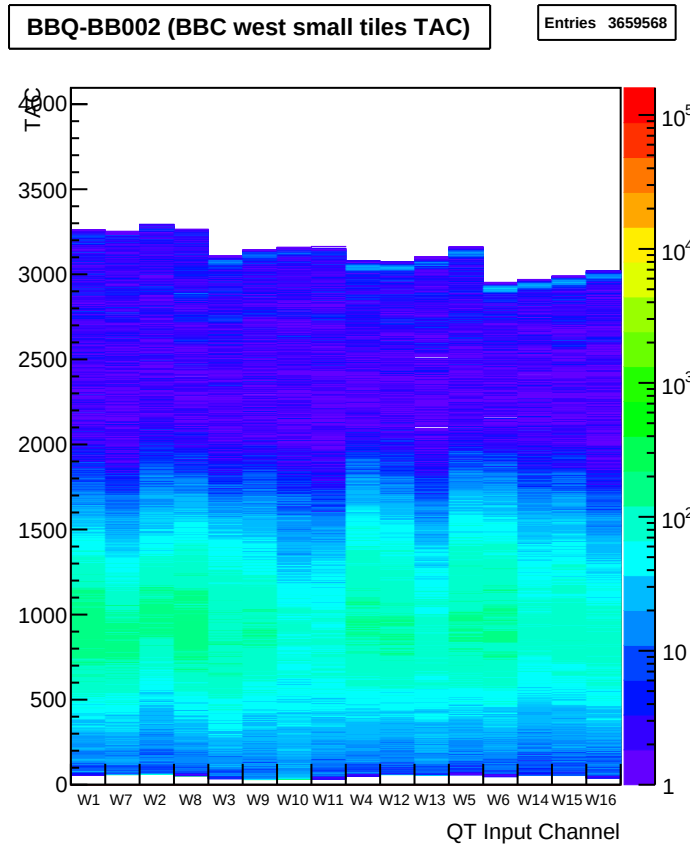

L2-TF201
Entries 1601061
Threshold/UPC bits
210488
211975
210749
212495
211018
209911
222883
18235
16748
17974
16228
17705
18812
5840
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

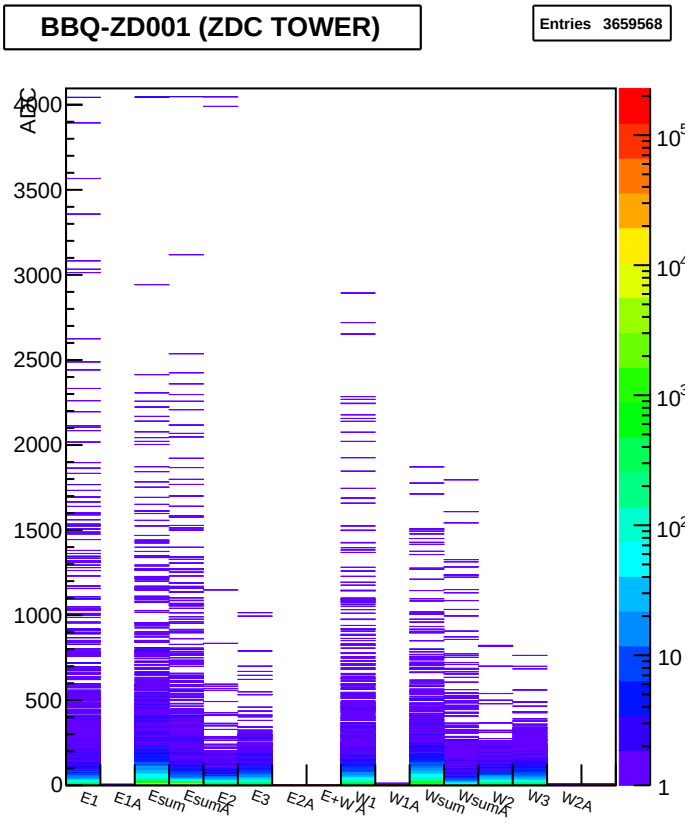

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

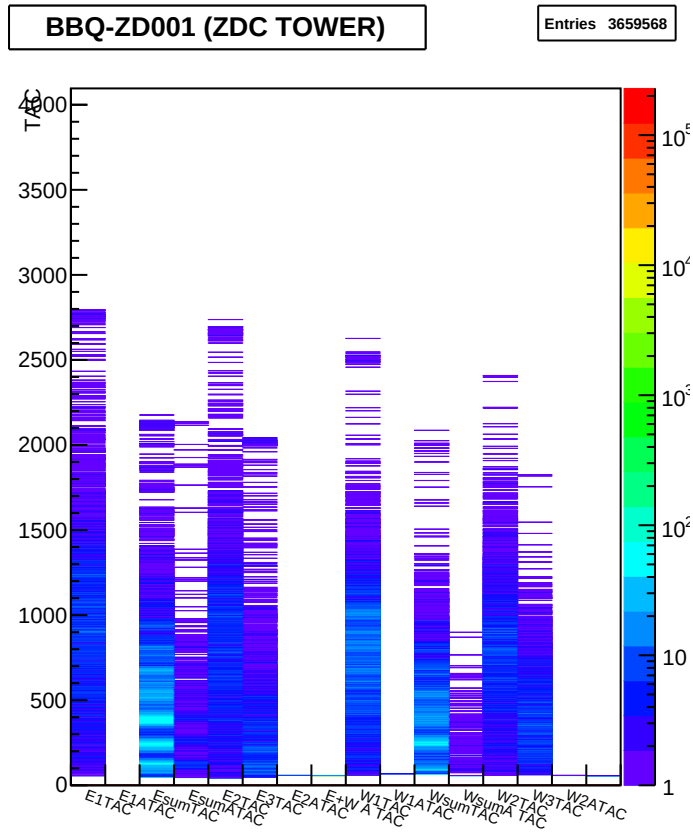

BBQ-BB001 (BBC east small tiles ADC)
Entries 3659568
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

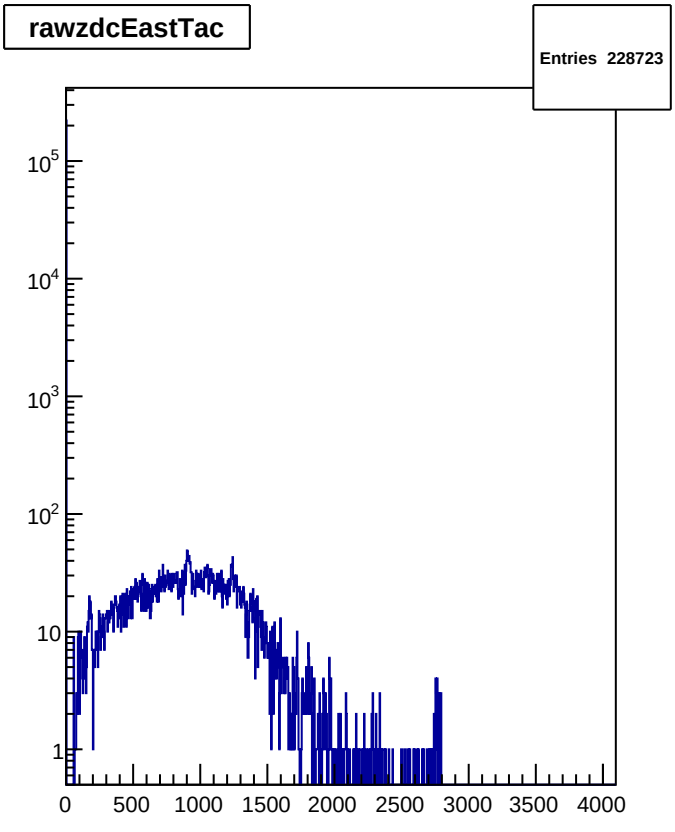

BBQ-BB001 (BBC east small tiles TAC)
Entries 3659568
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

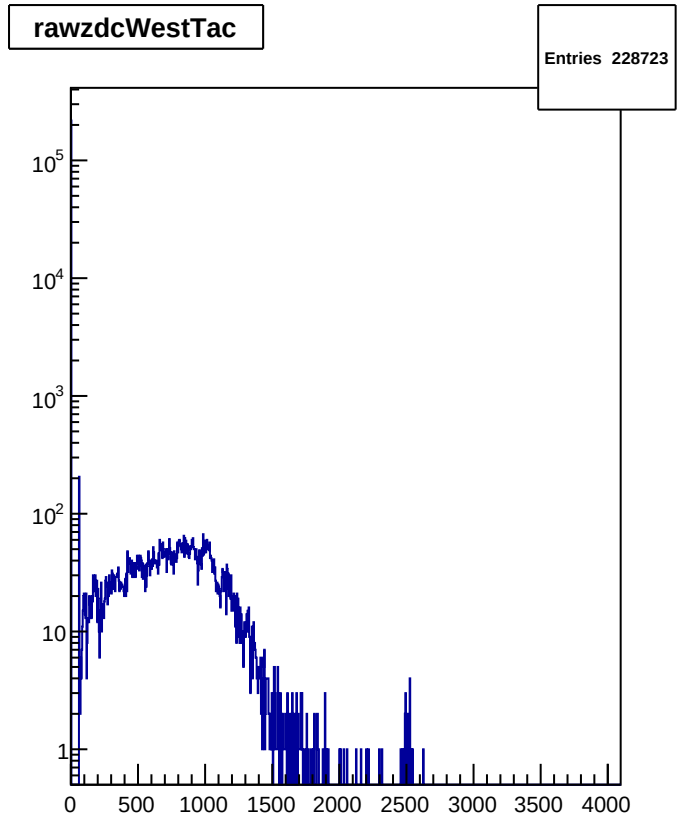

BBQ-BB002 (BBC west small tiles ADC)
Entries 3659568
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

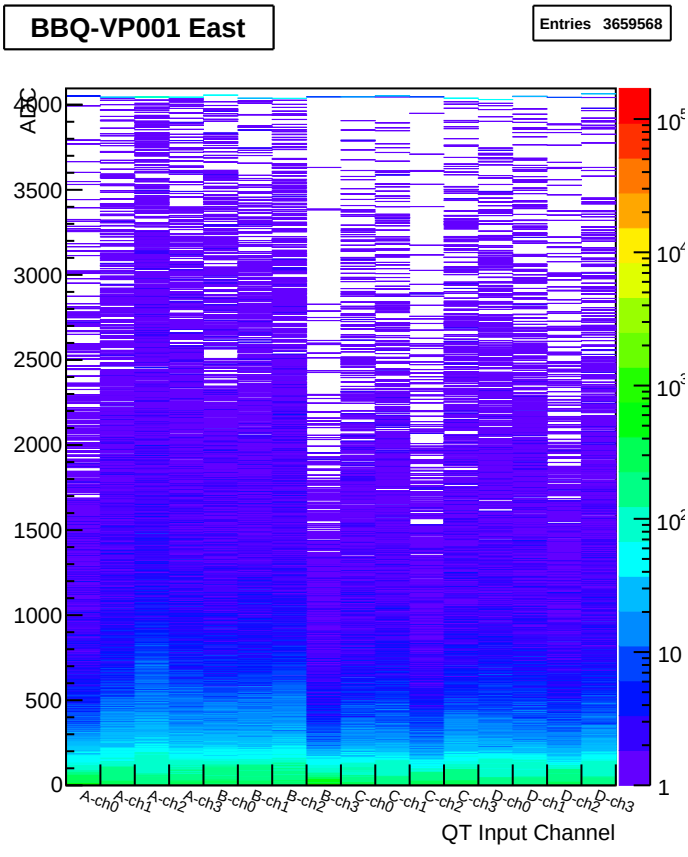

BBQ-BB002 (BBC west small tiles TAC)
Entries 3659568
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

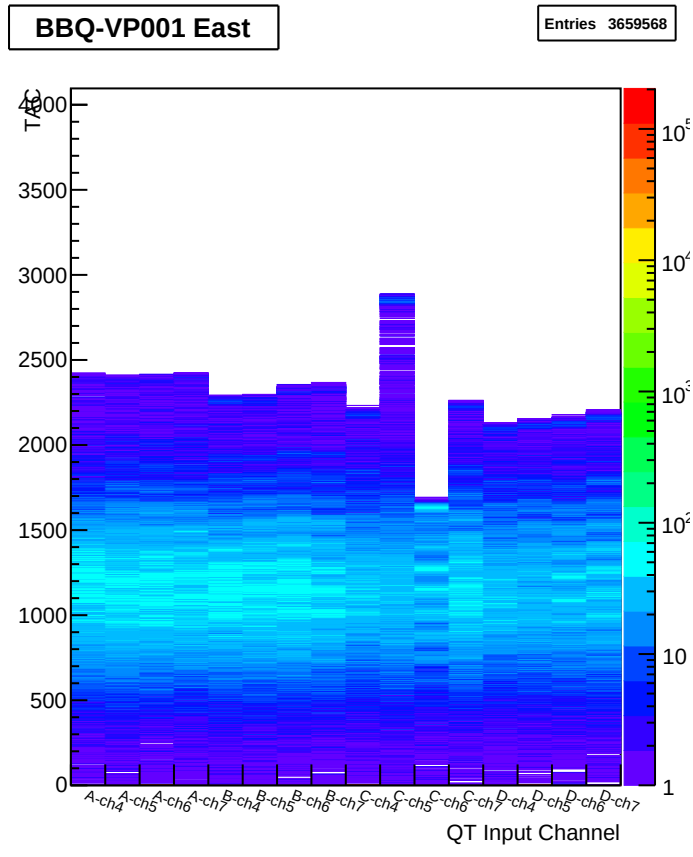

BBQ-ZD001 (ZDC TOWER)
Entries 3659568
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

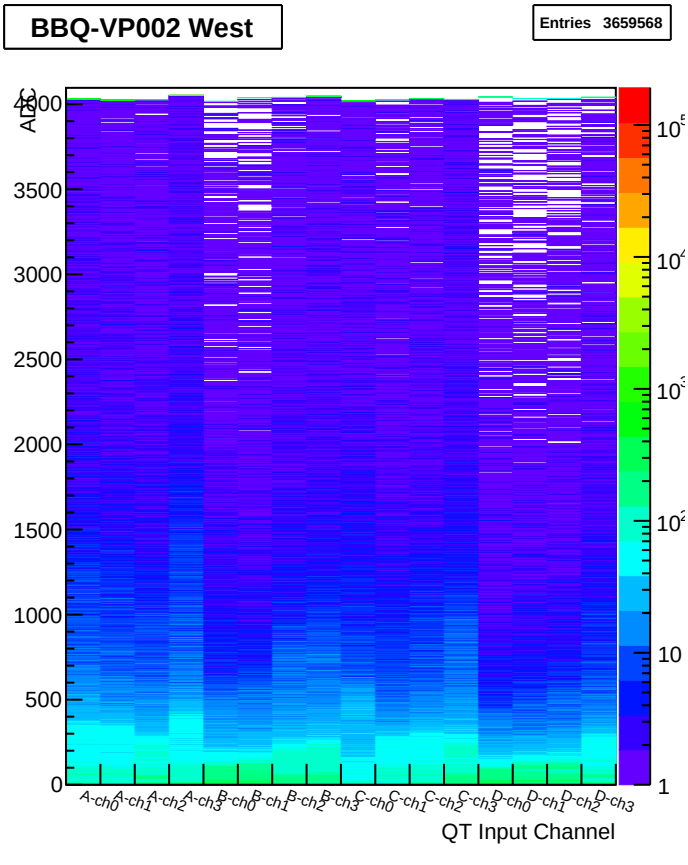

BBQ-ZD001 (ZDC TOWER)
Entries 3659568
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

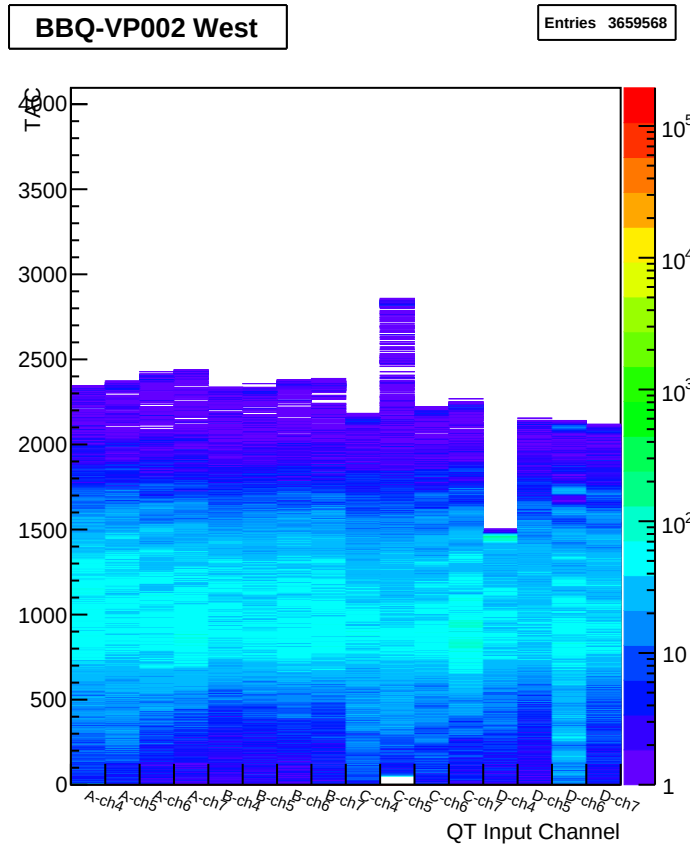

rawzdcEastTac
Entries 228723

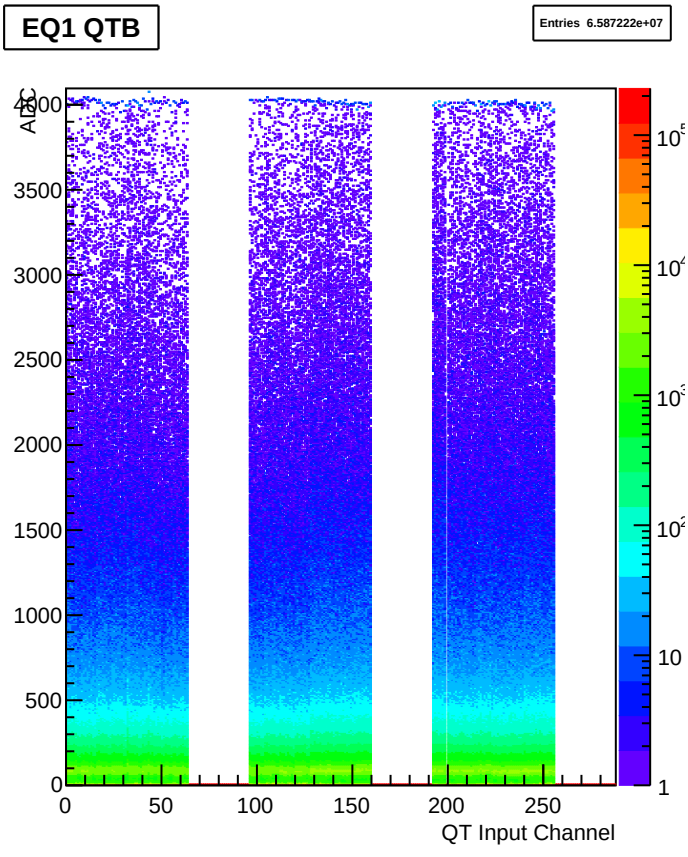

rawzdcWestTac
Entries 228723

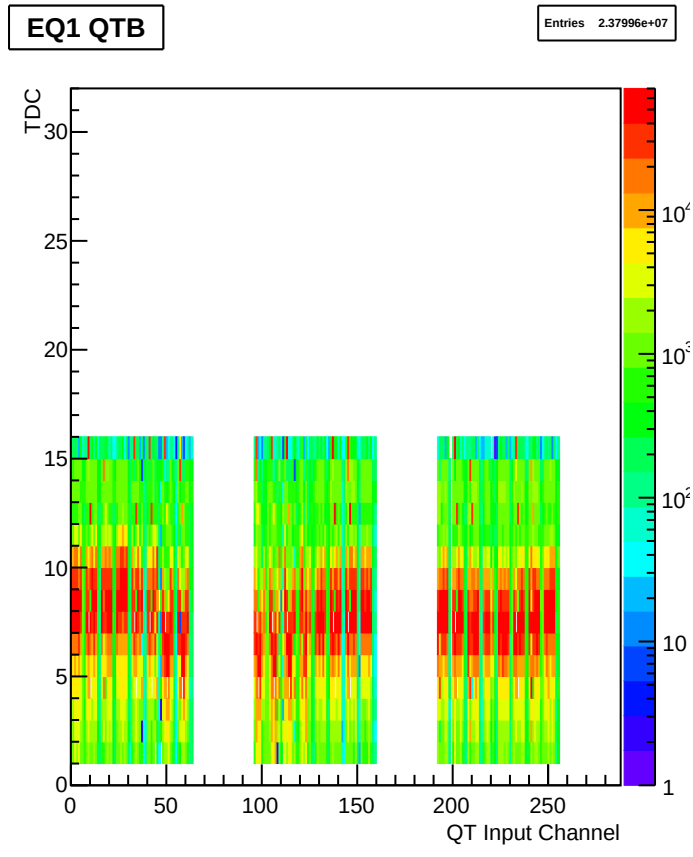

BBQ-VP001 East
Entries 3659568
ADC
QT Input Channel

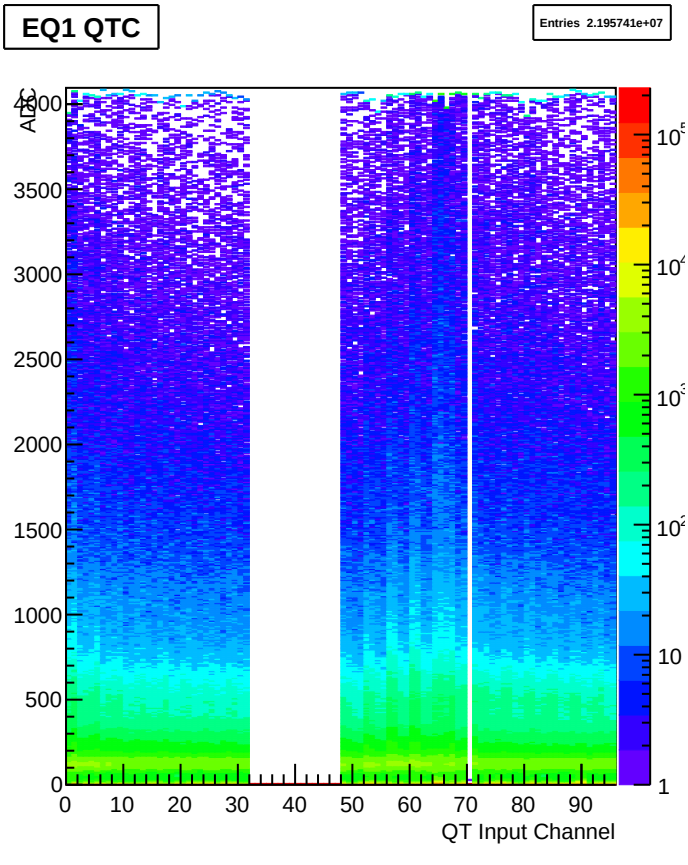

BBQ-VP001 East
Entries 3659568
TADC
QT Input Channel

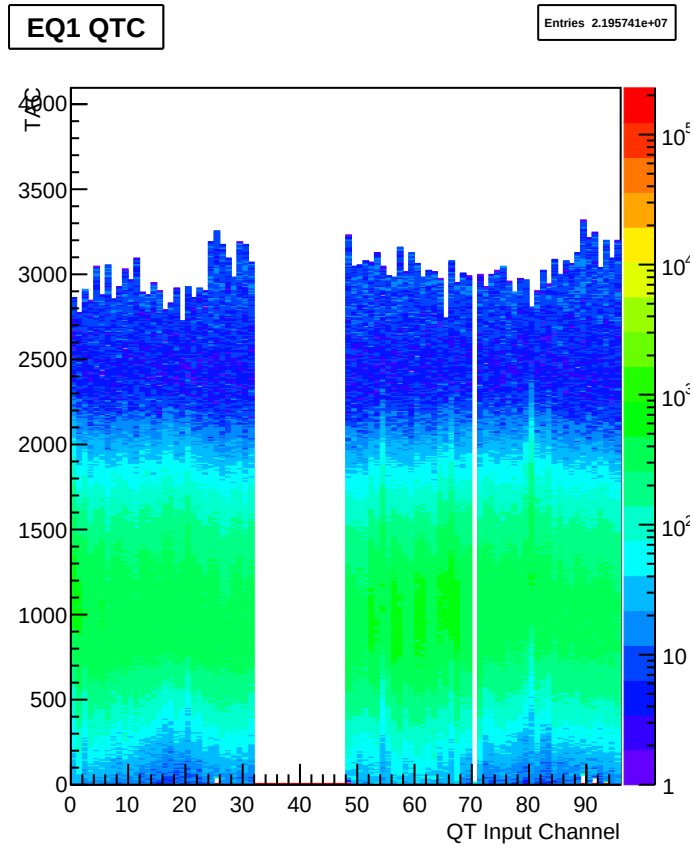

BBQ-VP002 West
Entries 3659568
ADC
QT Input Channel

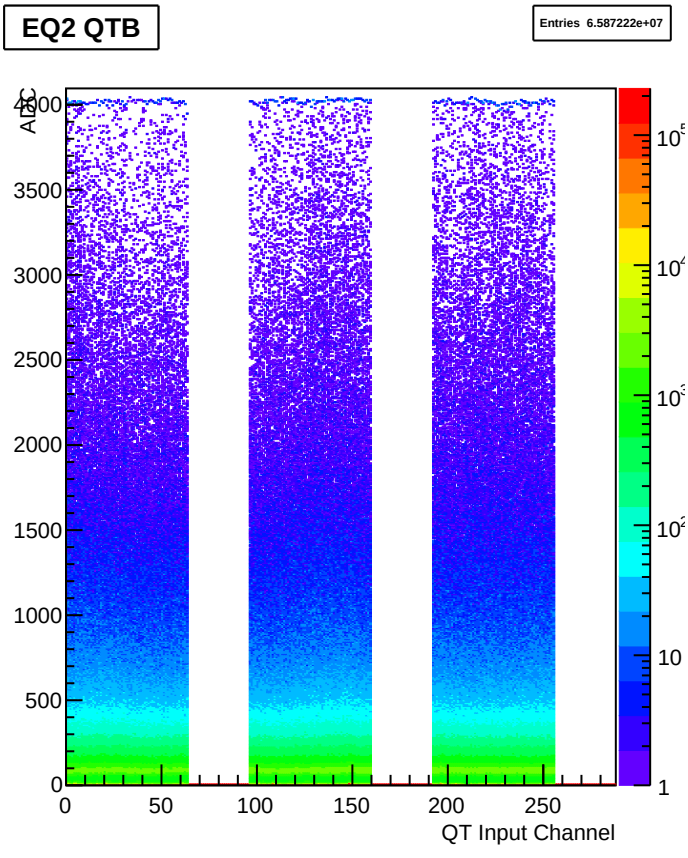

BBQ-VP002 West
Entries 3659568
TADC
QT Input Channel

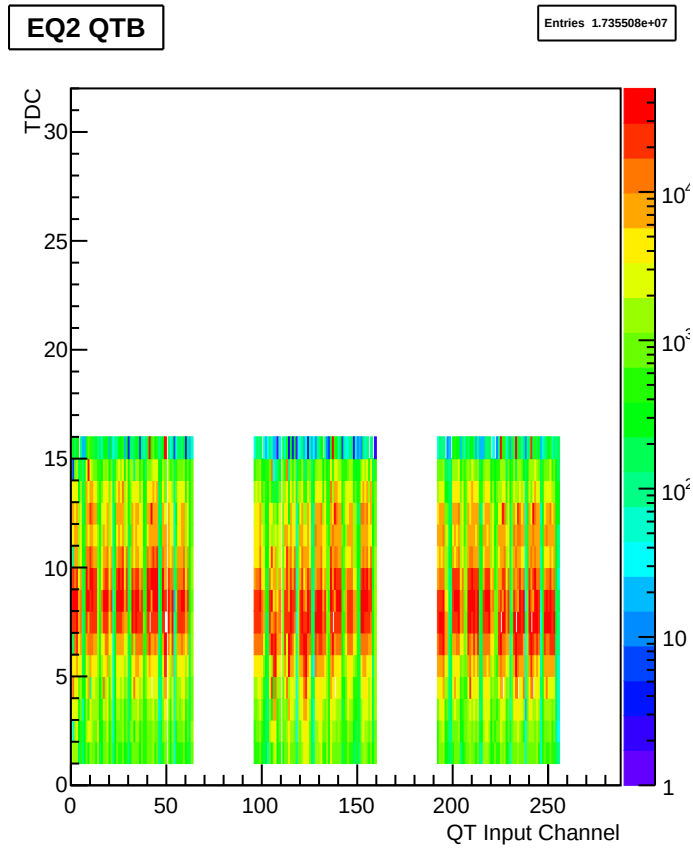

EQ1 QTB
Entries 6.587222e+07
ADC
QT Input Channel

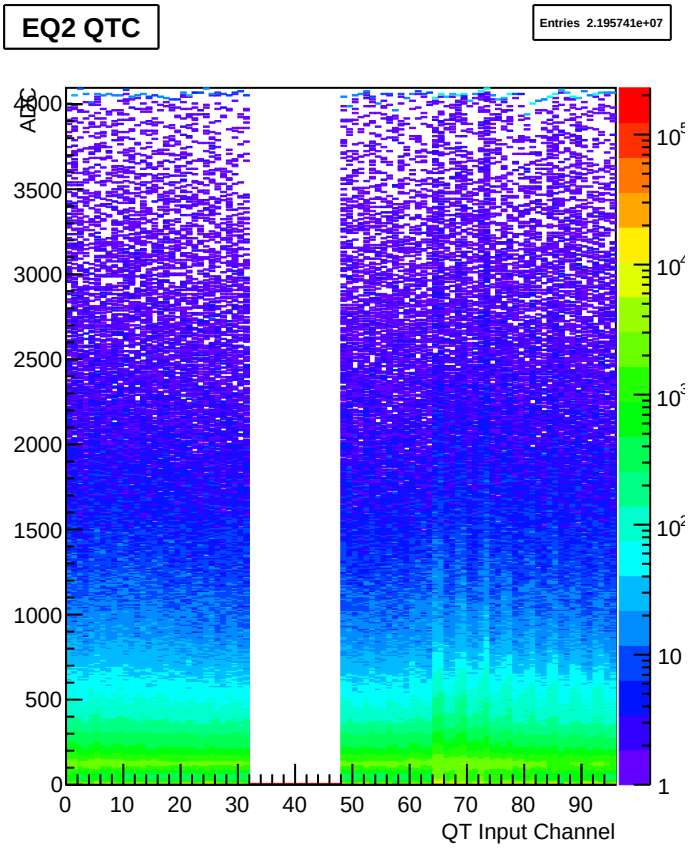

EQ1 QTB
Entries 2.37996e+07
TDC
QT Input Channel

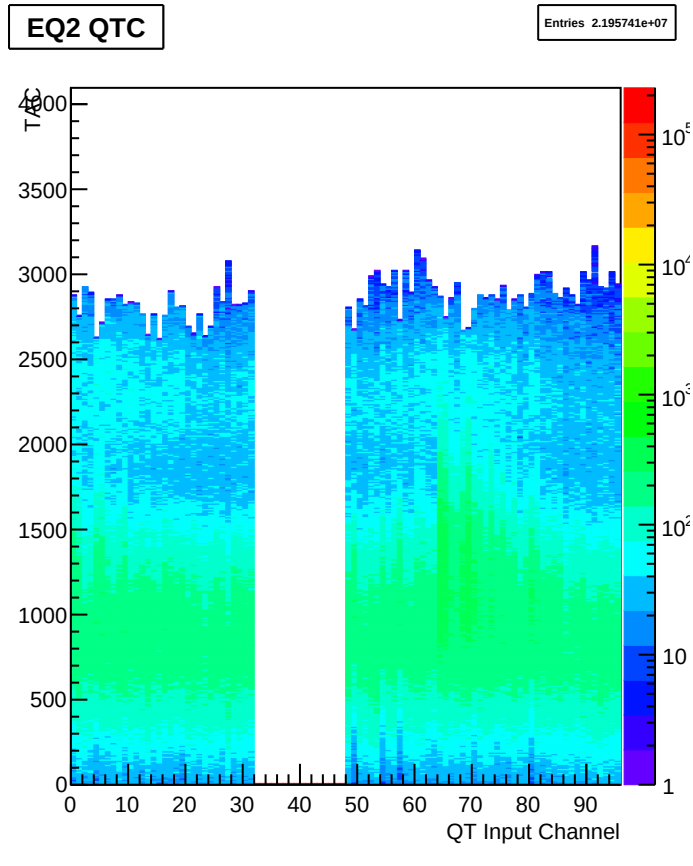

EQ1 QTC
Entries 2.195741e+07
ADC
QT Input Channel

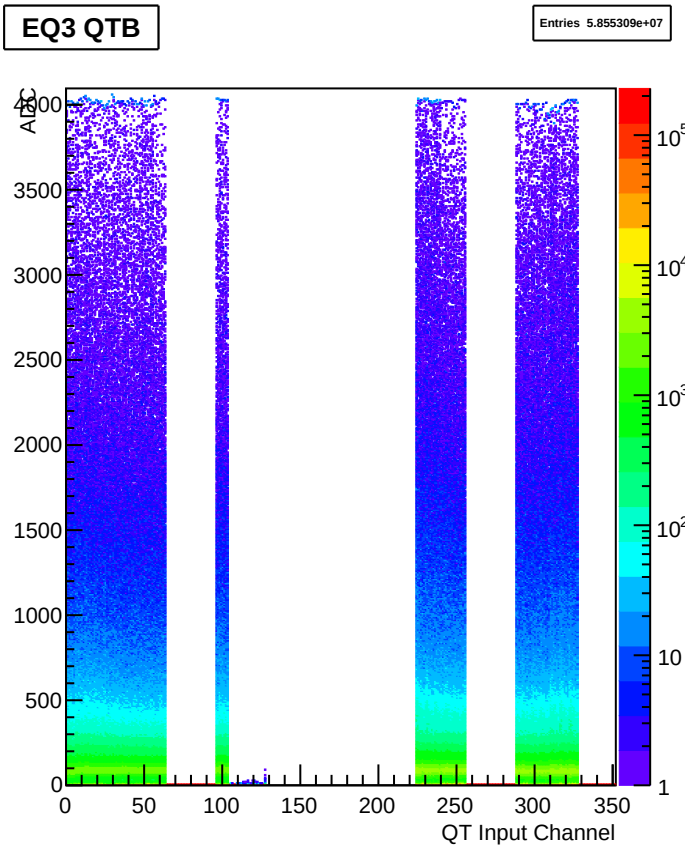

EQ1 QTC
Entries 2.195741e+07
TADC
QT Input Channel

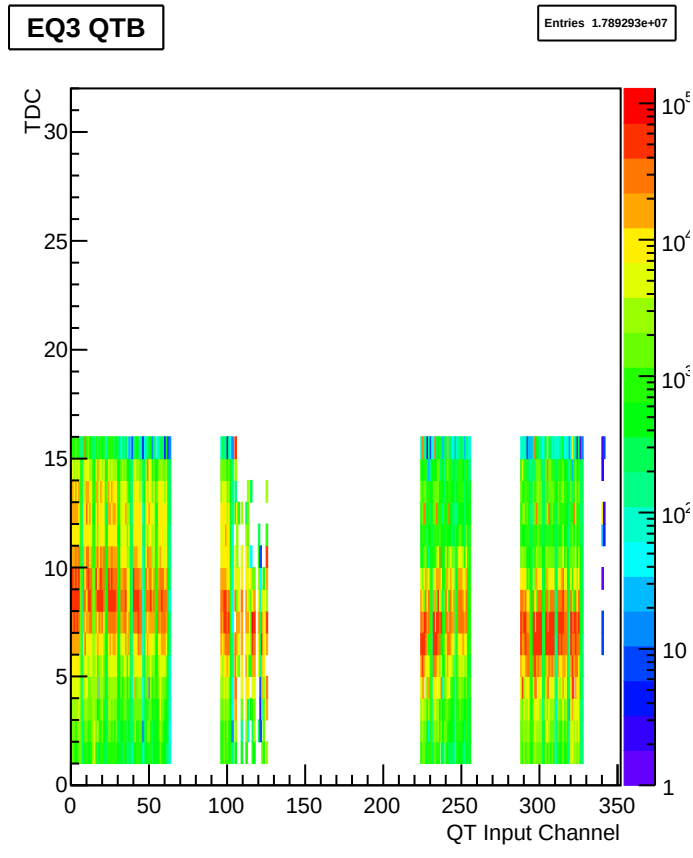

EQ2 QTB
Entries 6.587222e+07
ADC
QT Input Channel

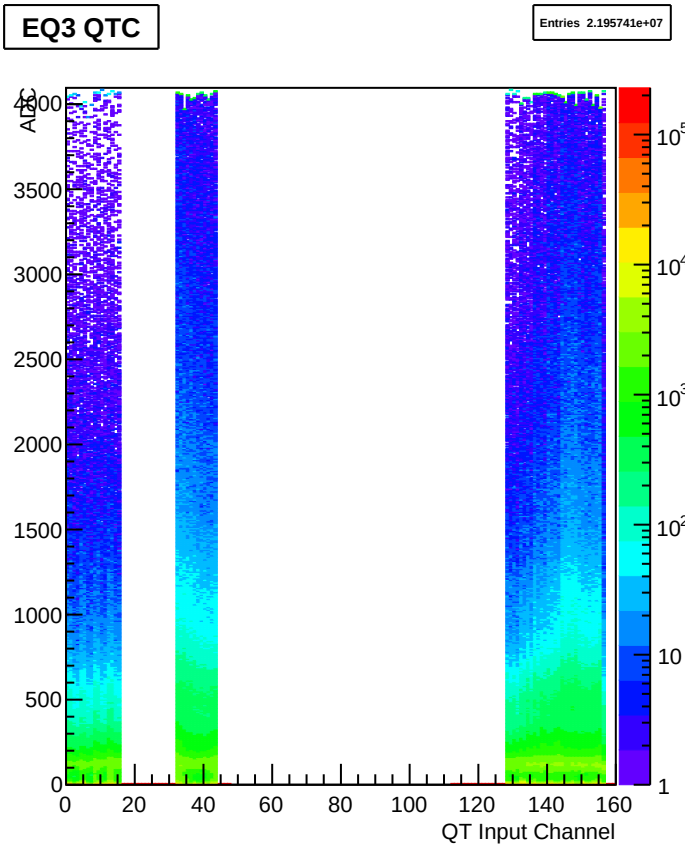

EQ2 QTB
Entries 1.735508e+07
TDC
QT Input Channel

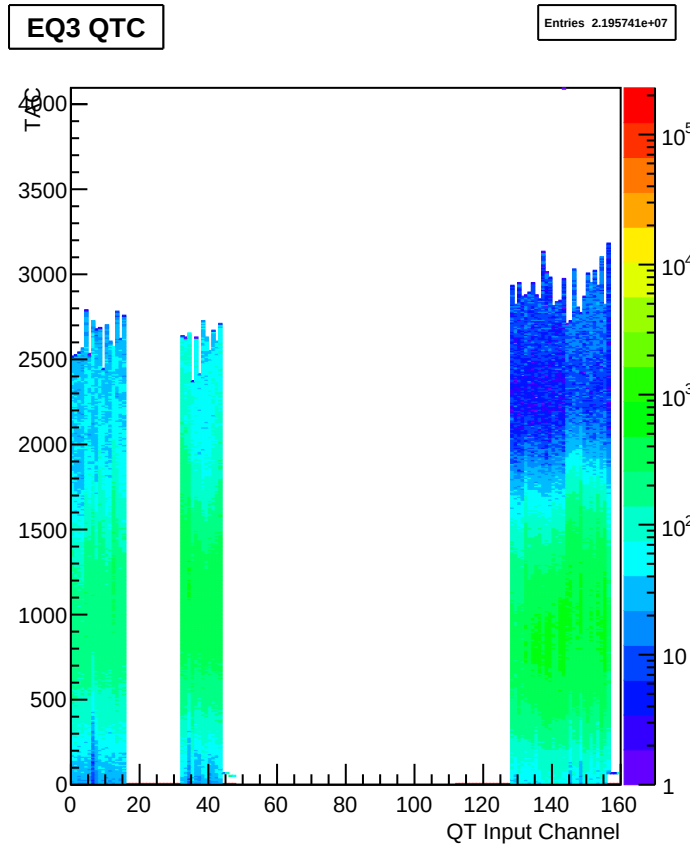

EQ2 QTC
Entries 2.195741e+07
ADC
QT Input Channel

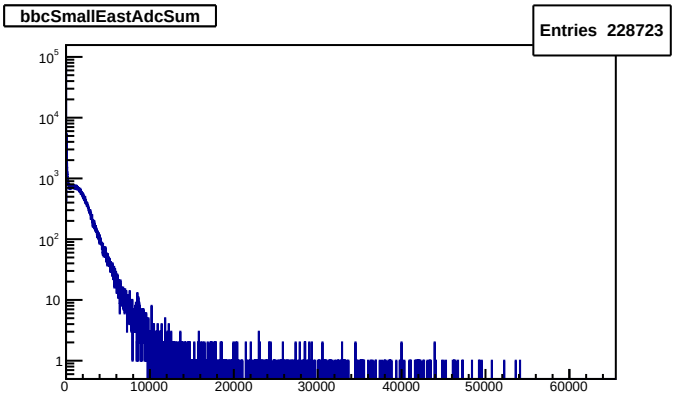

EQ2 QTC
Entries 2.195741e+07
TADC
QT Input Channel

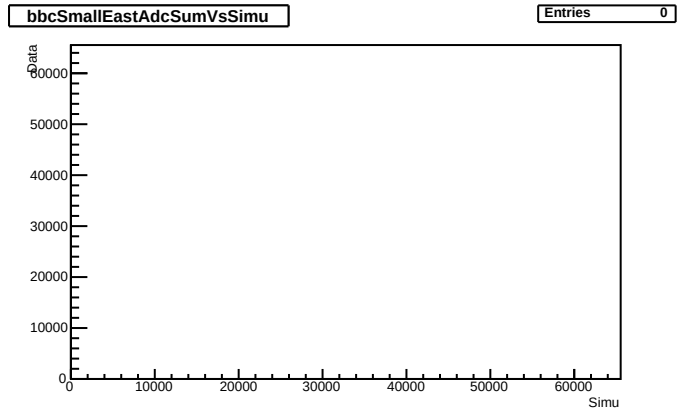

EQ3 QTB
Entries 5.855309e+07
ADC
QT Input Channel

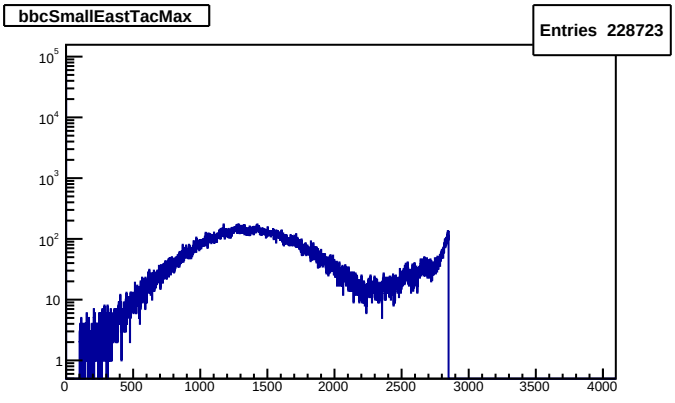

EQ3 QTB
Entries 1.789293e+07
TDC
QT Input Channel


EQ3 QTC
Entries 2.195741e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.195741e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 228723


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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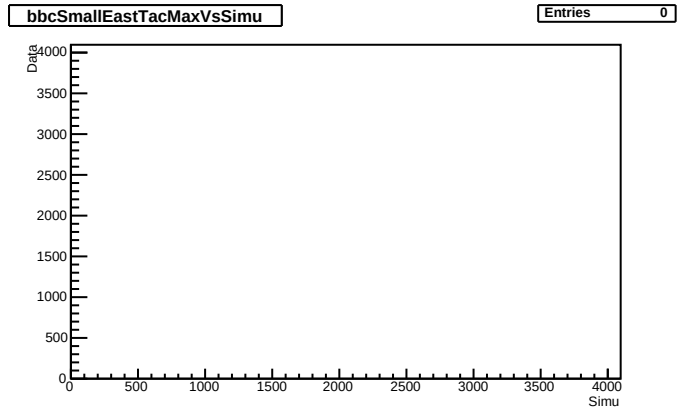
Entries 228723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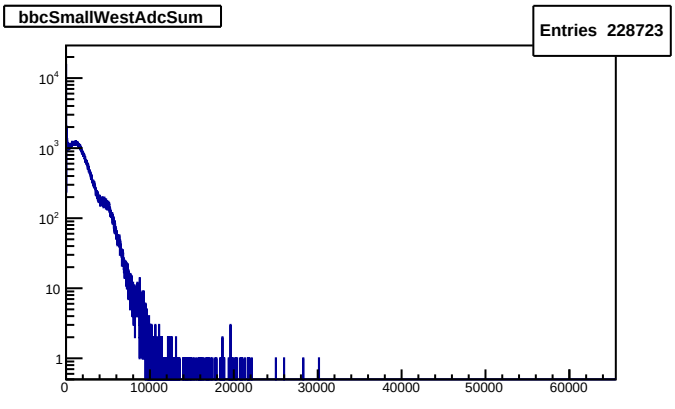
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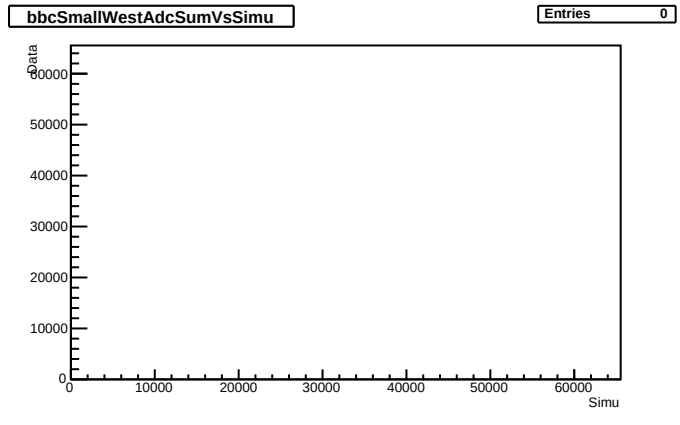
Entries 228723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Entries 0
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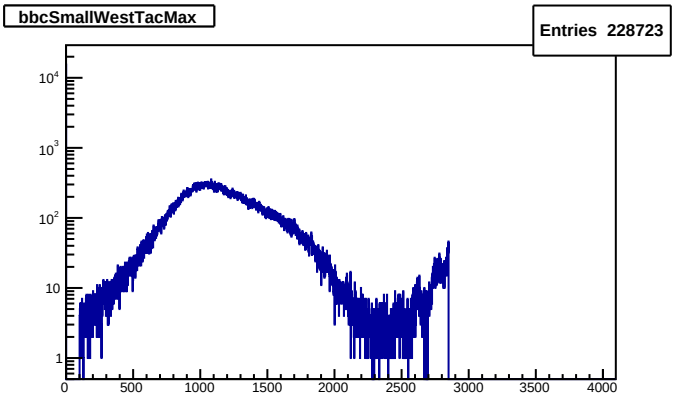
Simu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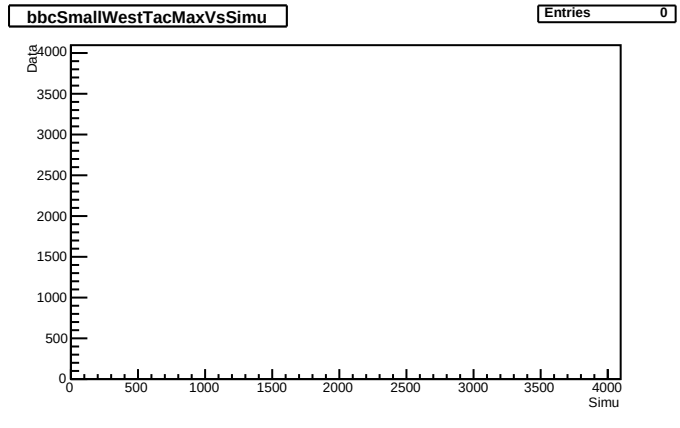
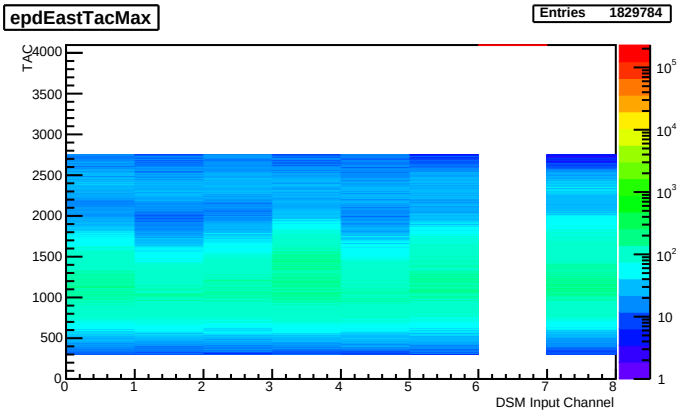
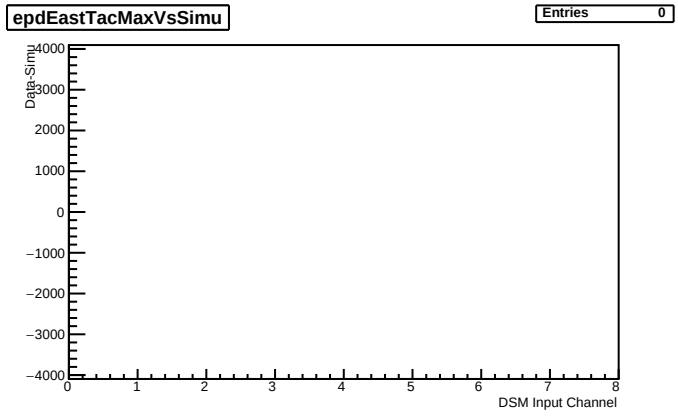
Entries 228723


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 1829784
TAC
DSM Input Channel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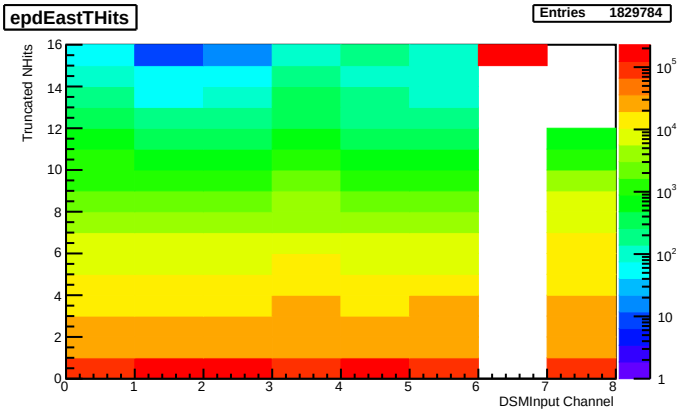
Entries 0
Data-Simu
DSM Input Channel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Entries 1829784
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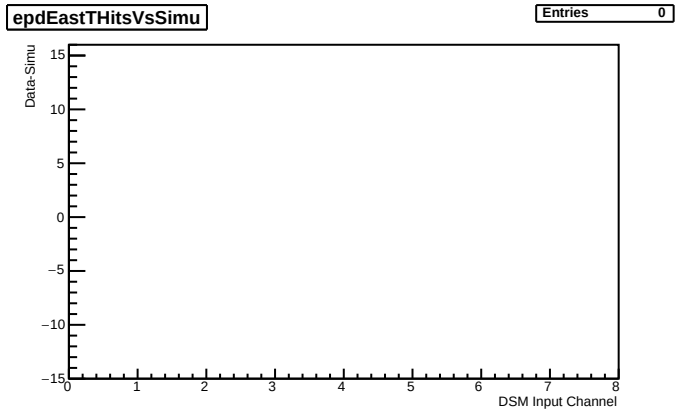
DSMInput Channel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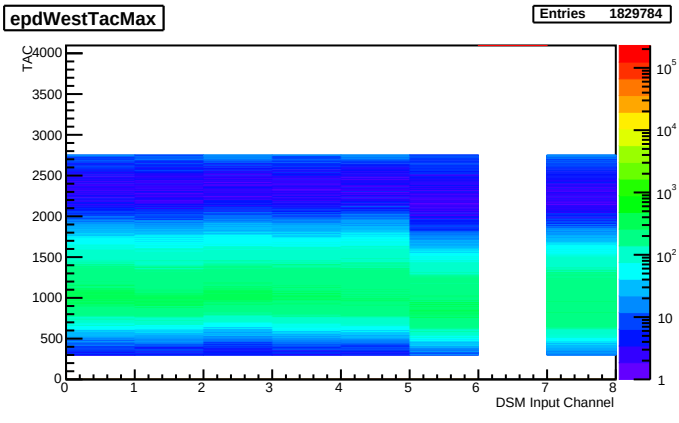
Data-Simu
DSM Input Channel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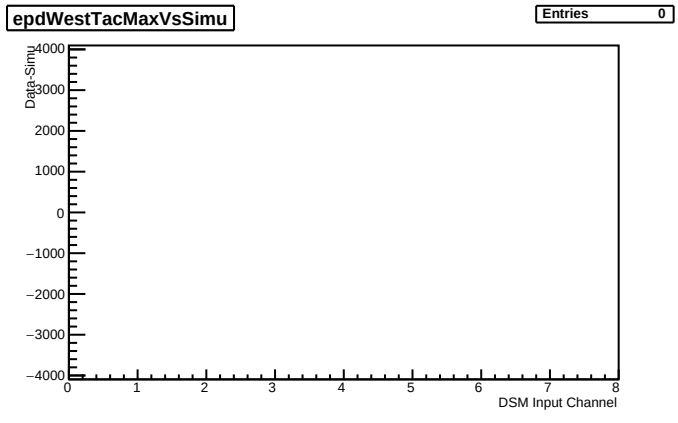
DSM Input Channel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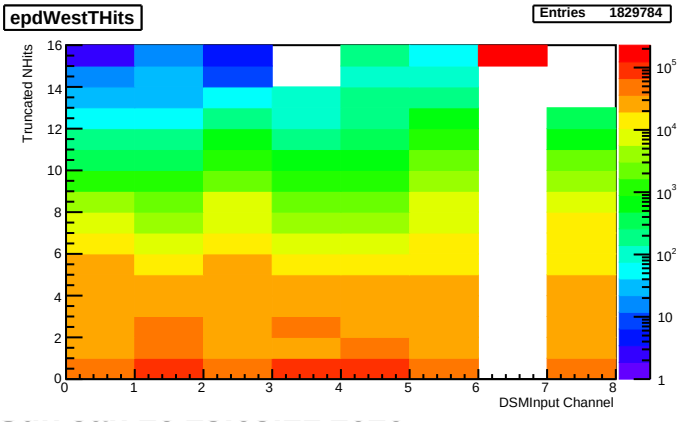
Data-Simu
DSM Input Channel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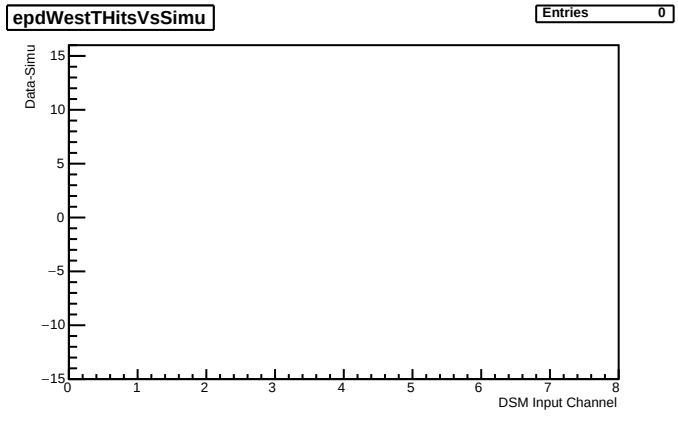
Entries 1829784
Truncated NHits
DSMInput Channel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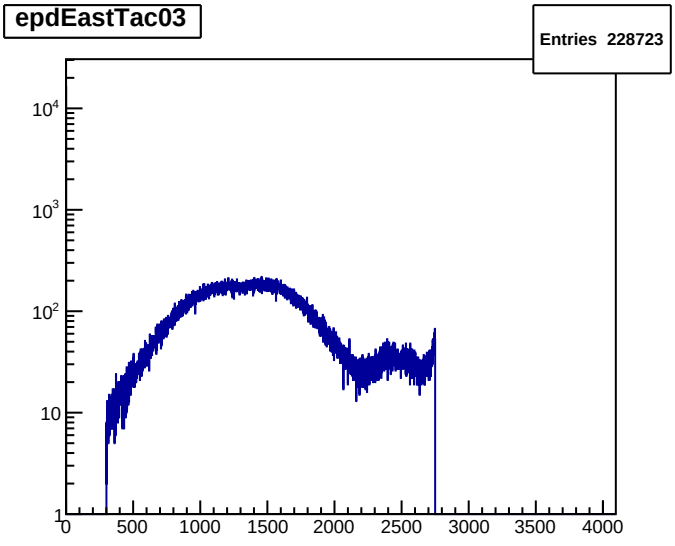
Data-Simu
DSM Input Channel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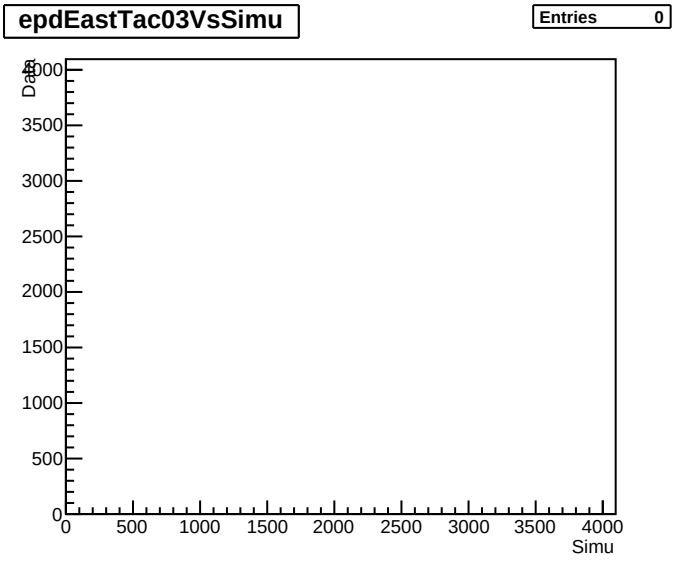
Entries 228723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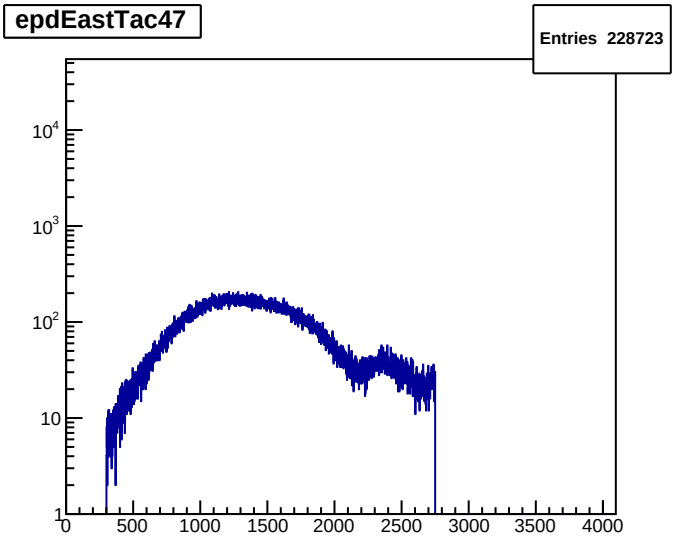
Entries 0
Data
Simu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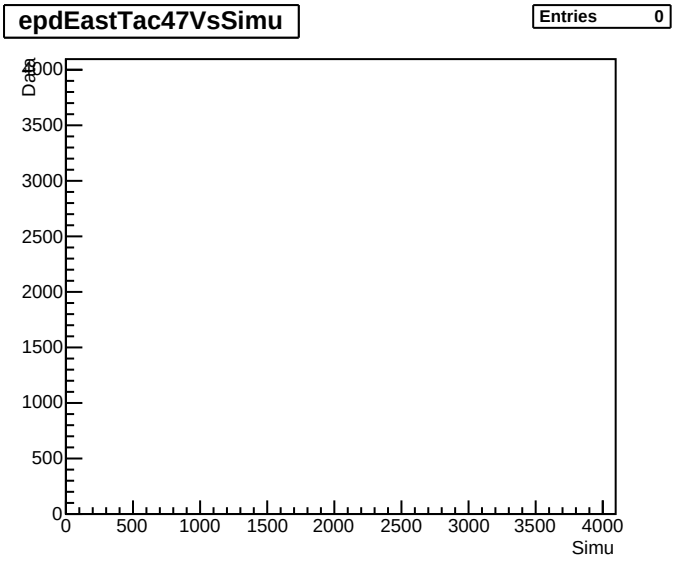
Entries 228723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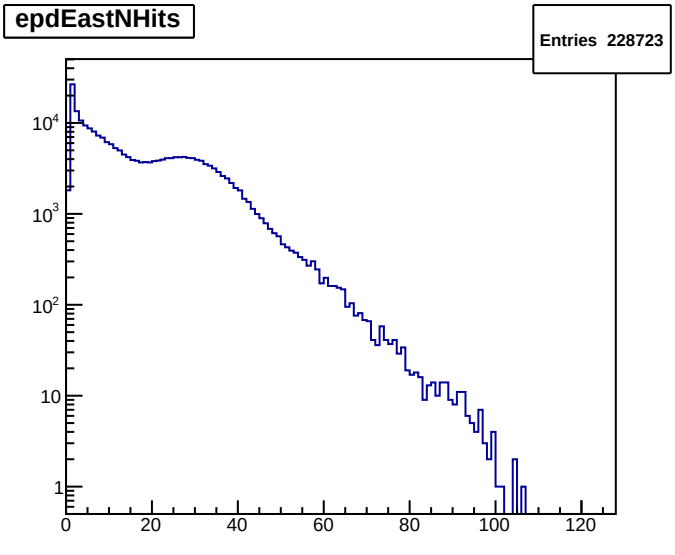
Entries 0
Data
Simu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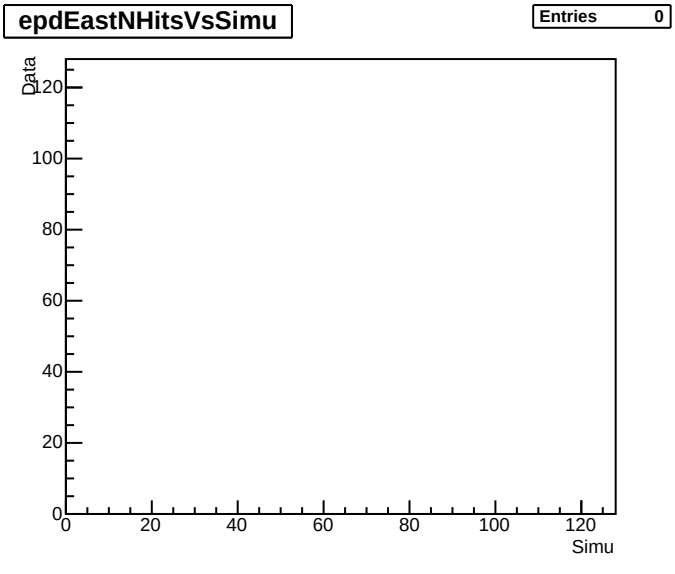
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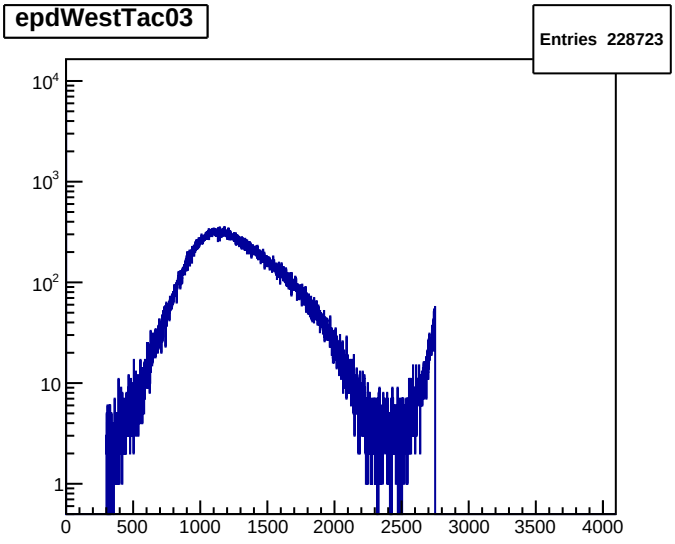
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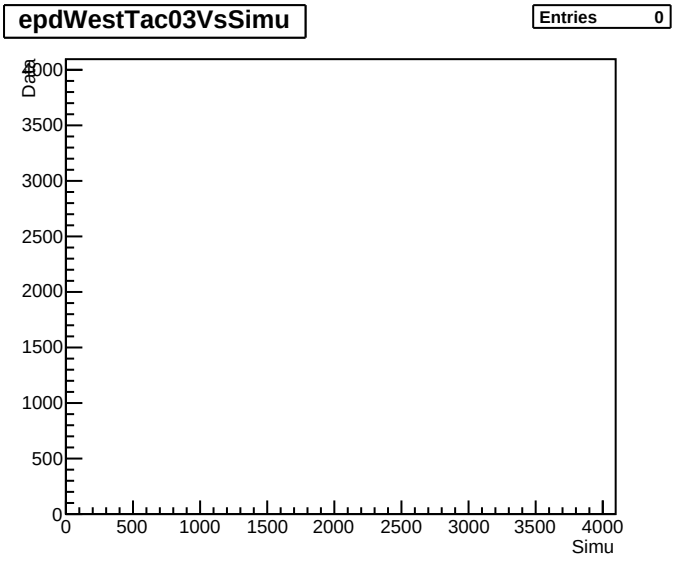
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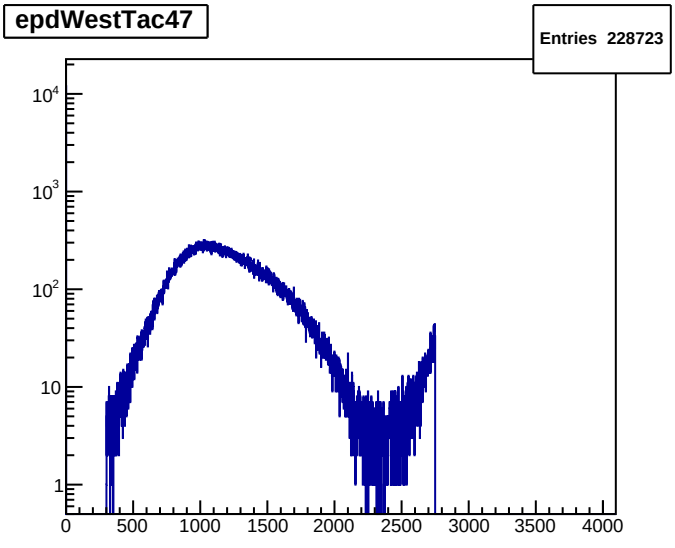
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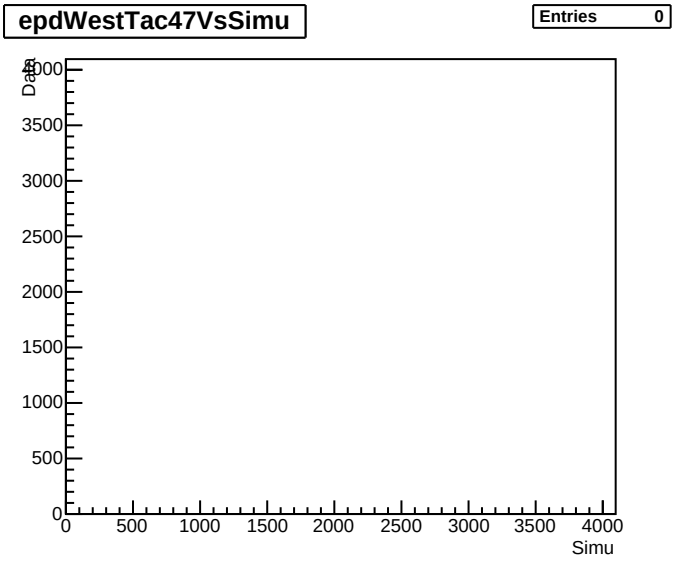
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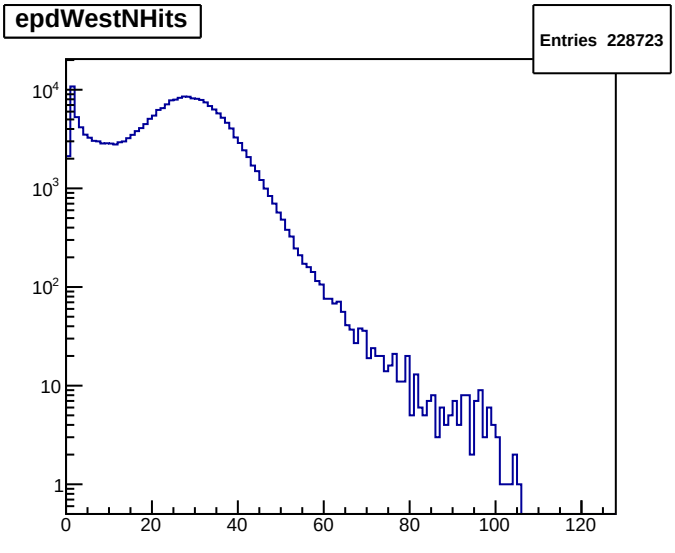
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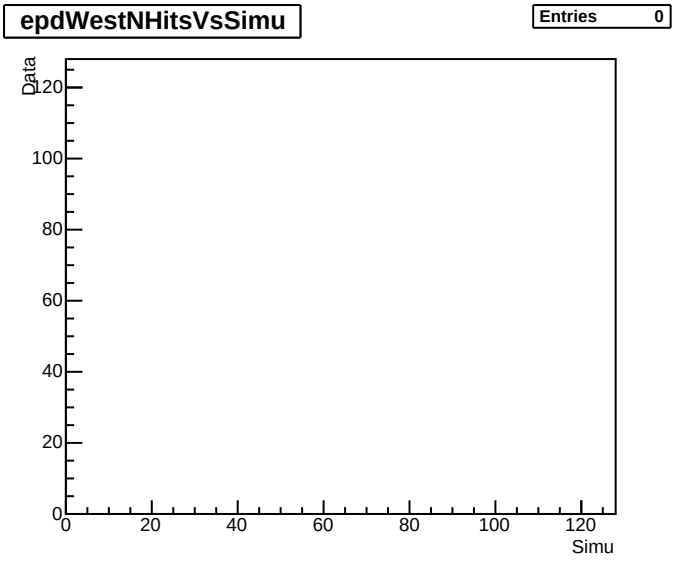
Entries 228723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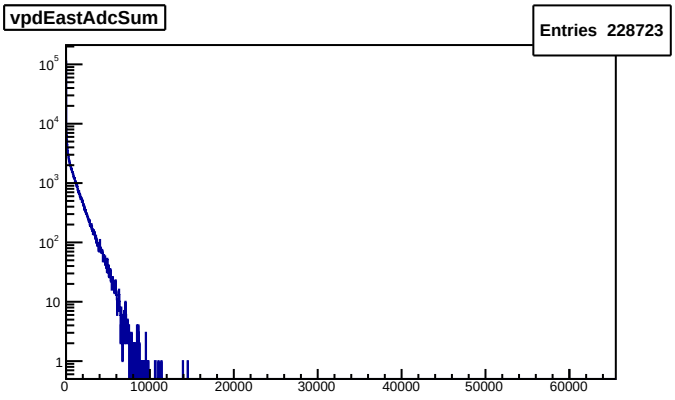
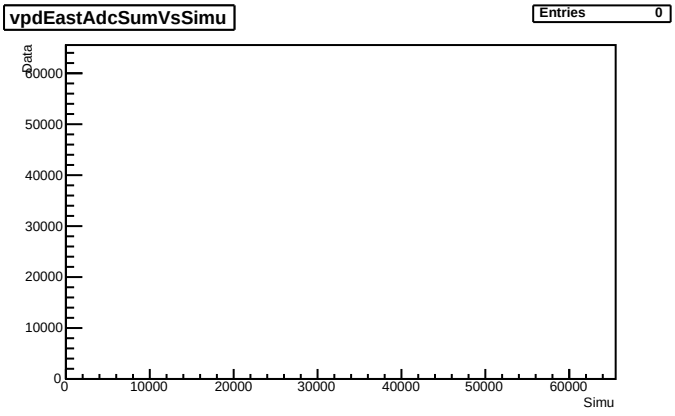
Entries 0
Data
Simu


vpdEastAdcSum
Entries 228723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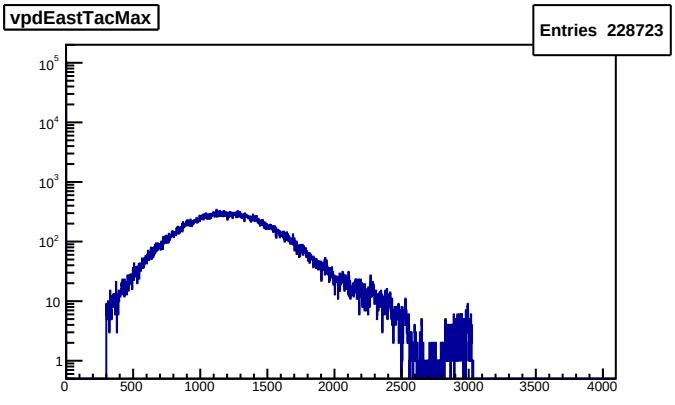
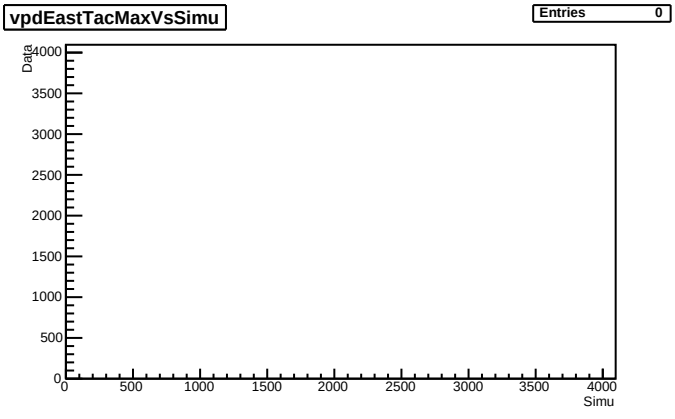
Entries 0
Data
Simu


vpdEastTacMax
Entries 228723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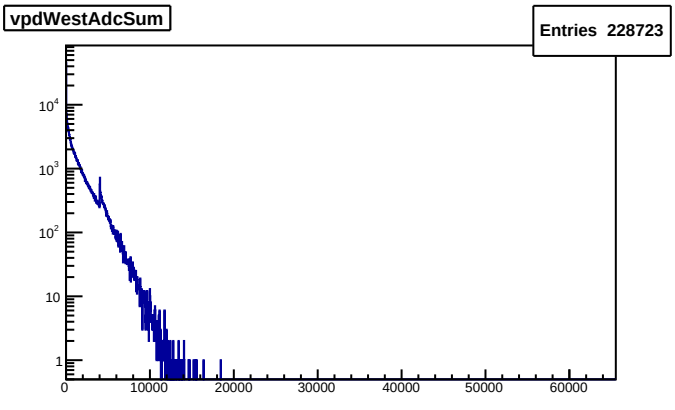
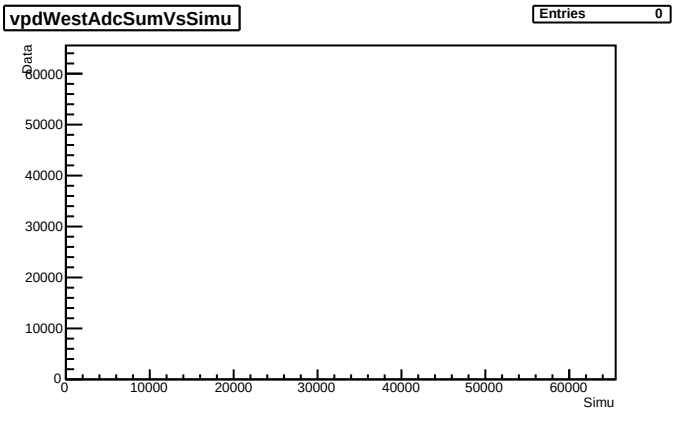
Entries 0
Data
Simu


vpdWestAdcSum
Entries 228723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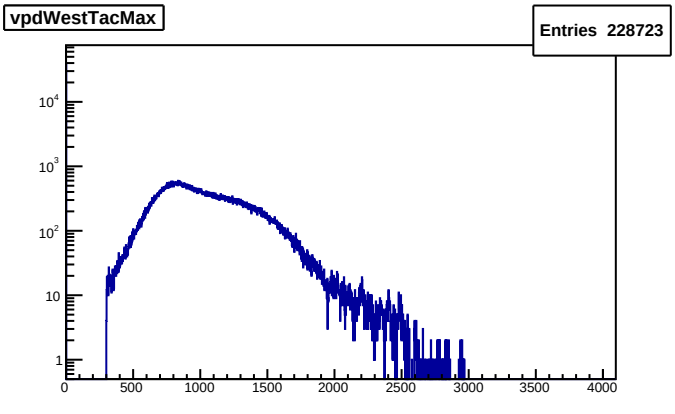
Entries 0
Data
Simu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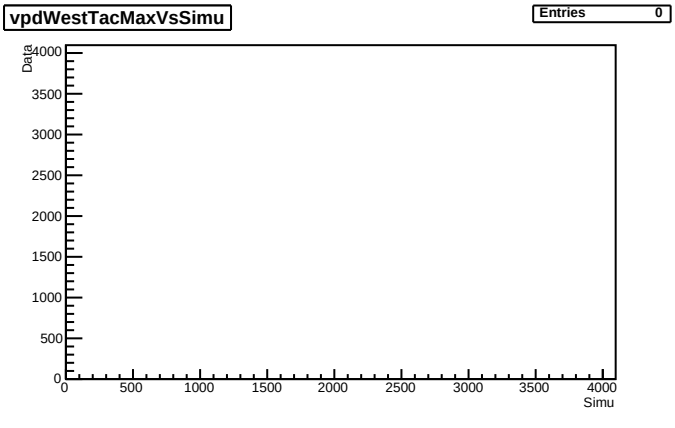
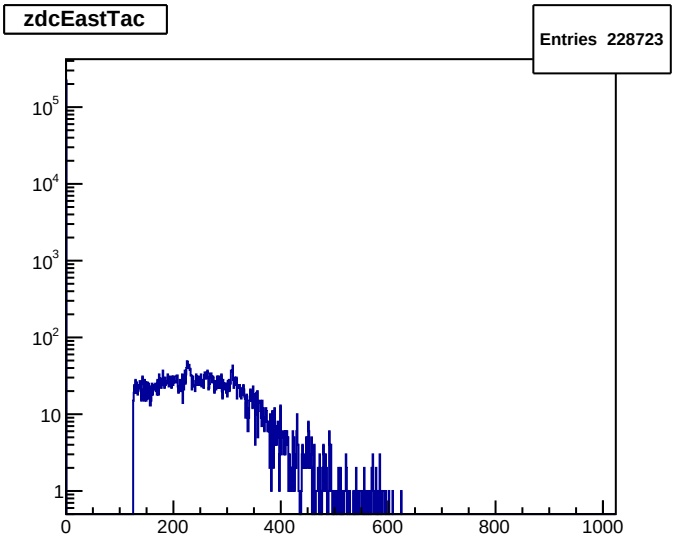
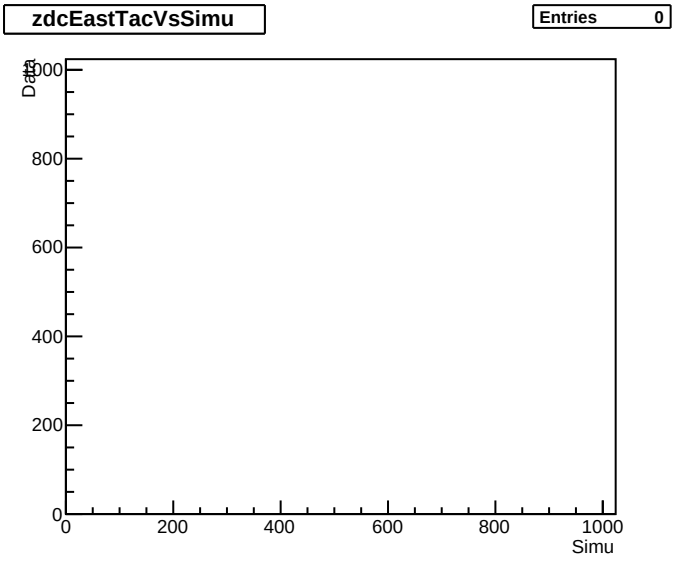
Entries 228723


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 228723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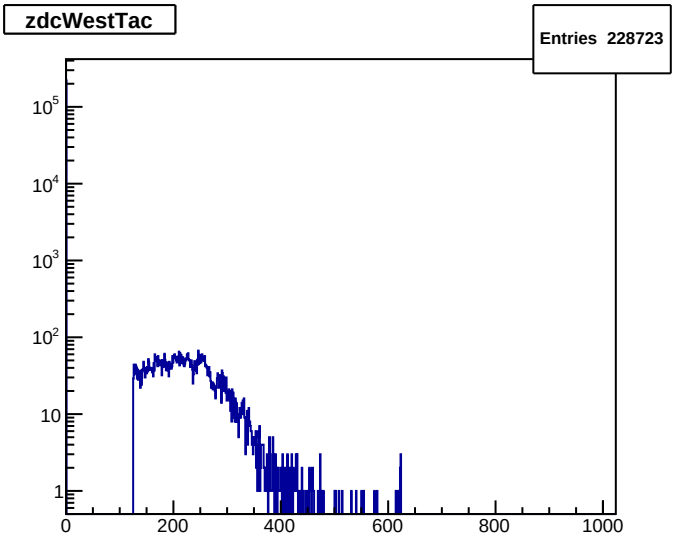
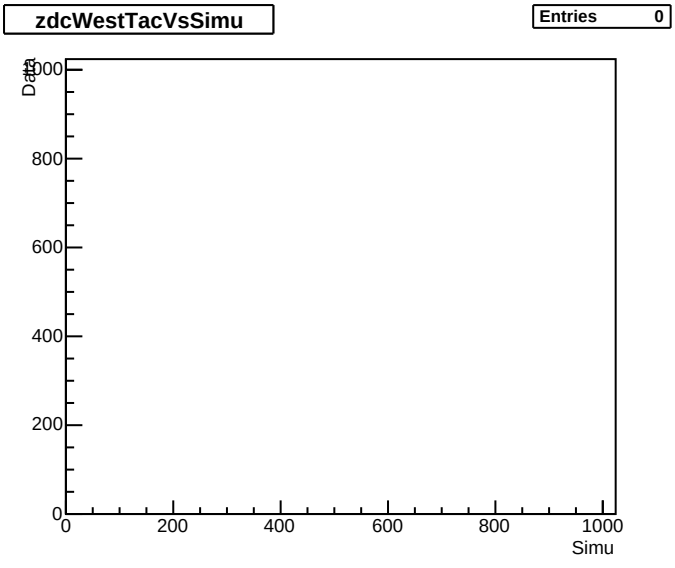
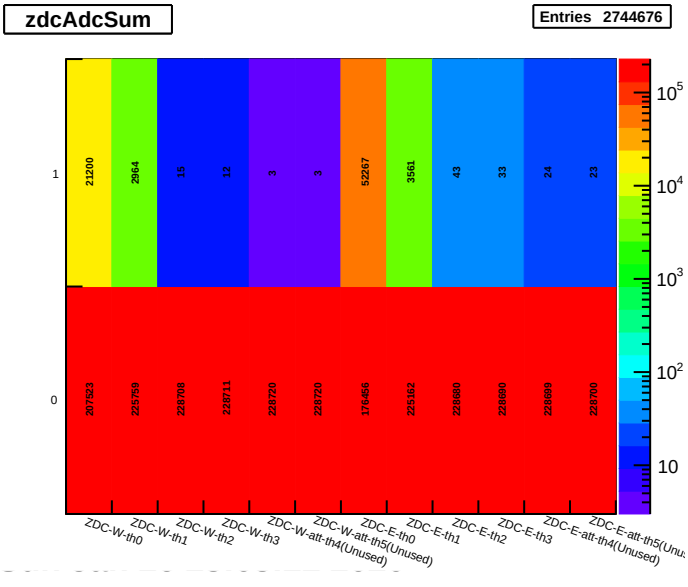
Entries 0
Data
Simu


zdcWestTac
Entries 228723


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 2744676
21200
2964
15
12
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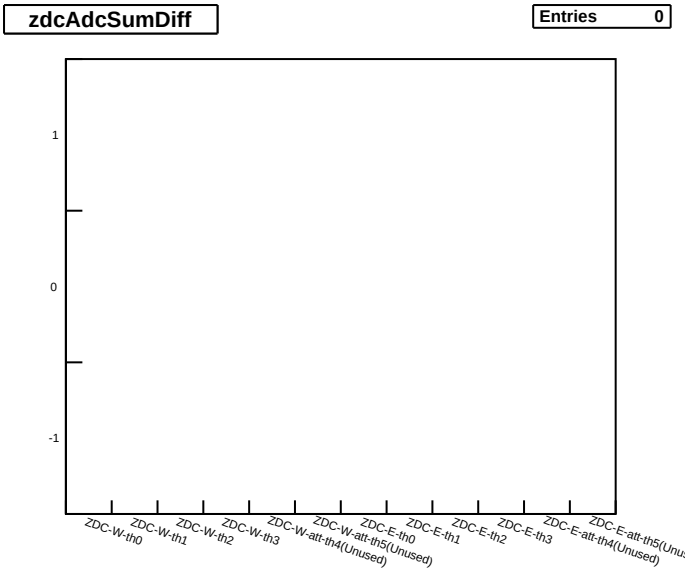
3
52267
3561
43
33
24
23
207523
225759
228708
228711
228720
228720
176456
225162
228680
228690
228699
228700
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)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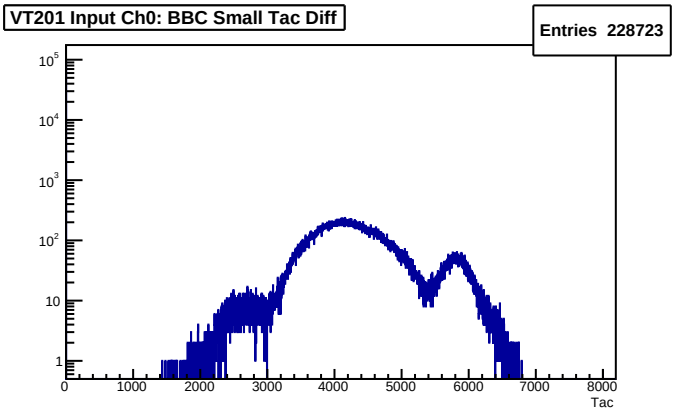
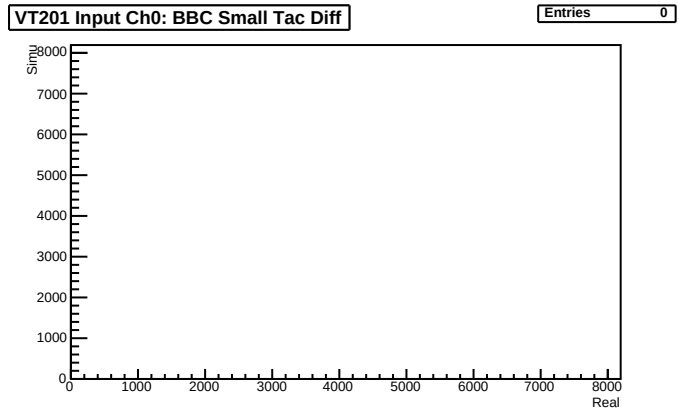
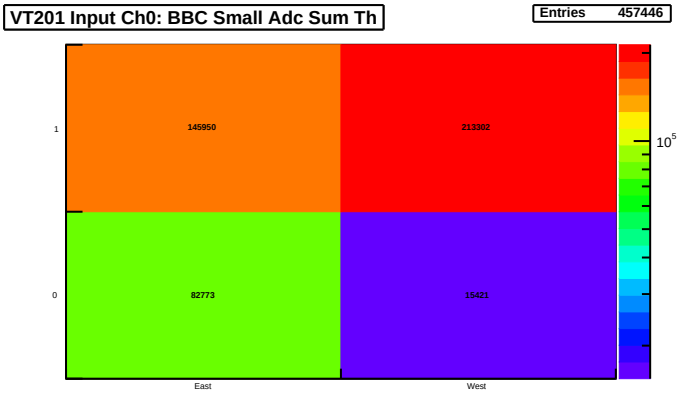
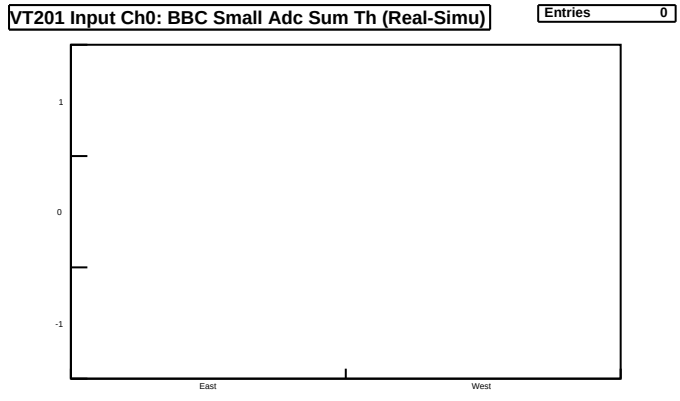
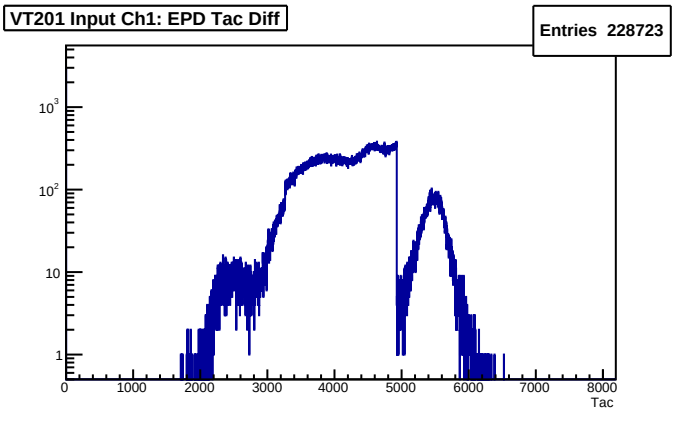
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

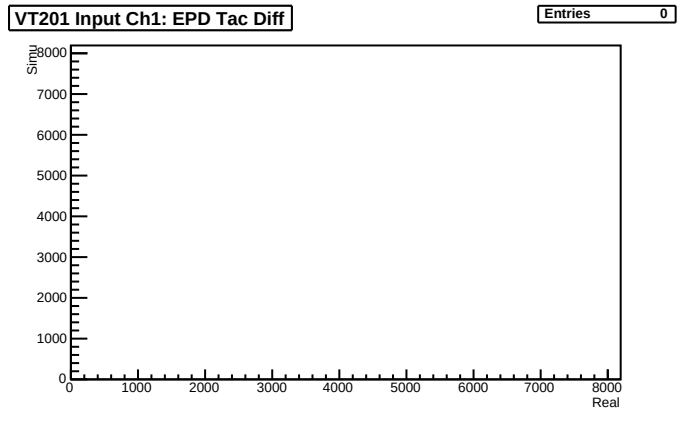

VT201 Input Ch0: BBC Small Tac Diff
Entries 228723
Tac

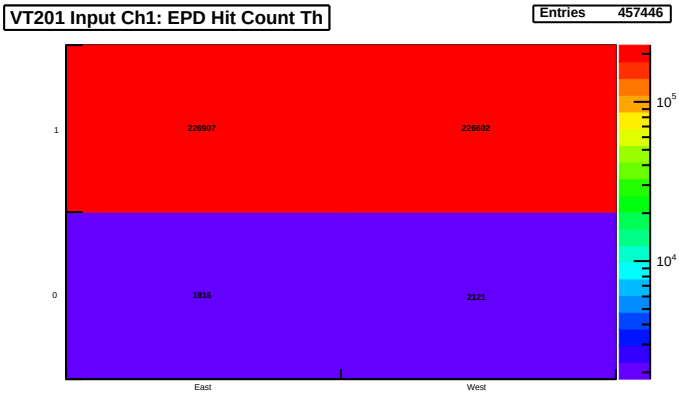

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

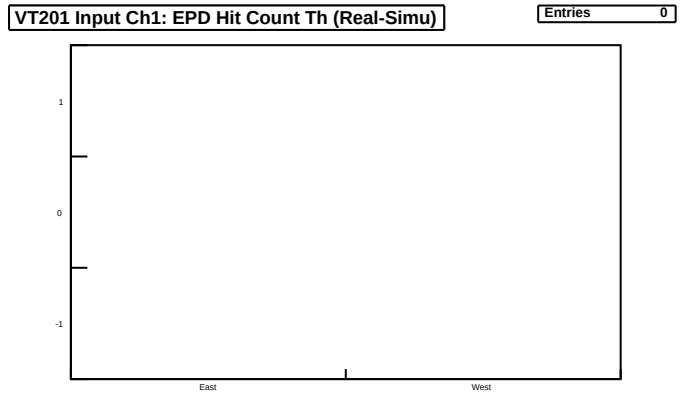

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 457446
145950
213302
82773
15421
East
West

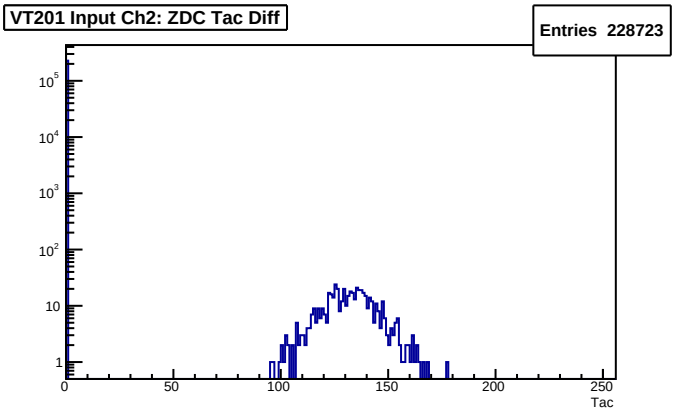

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

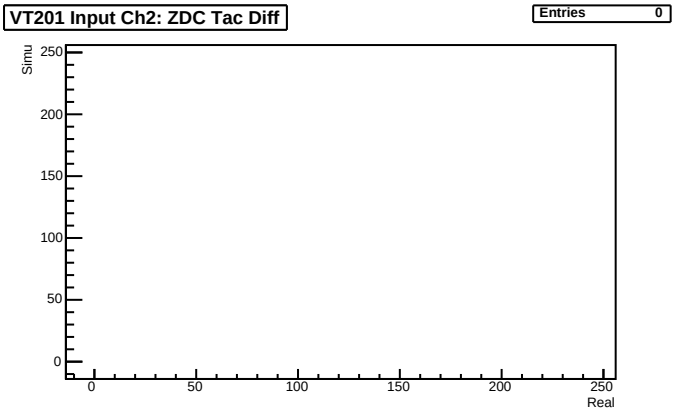

VT201 Input Ch1: EPD Tac Diff
Entries 228723
Tac

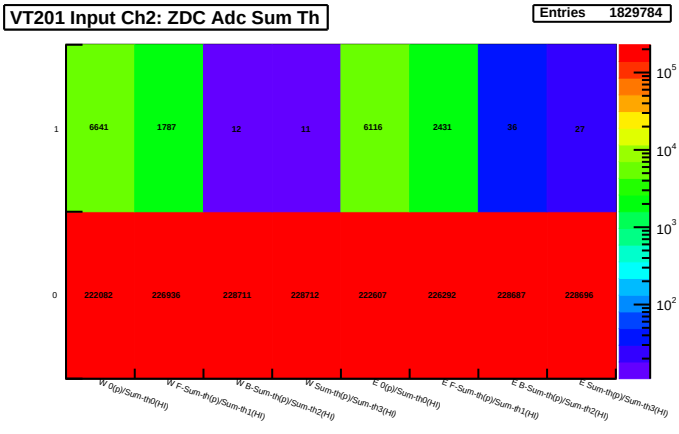

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

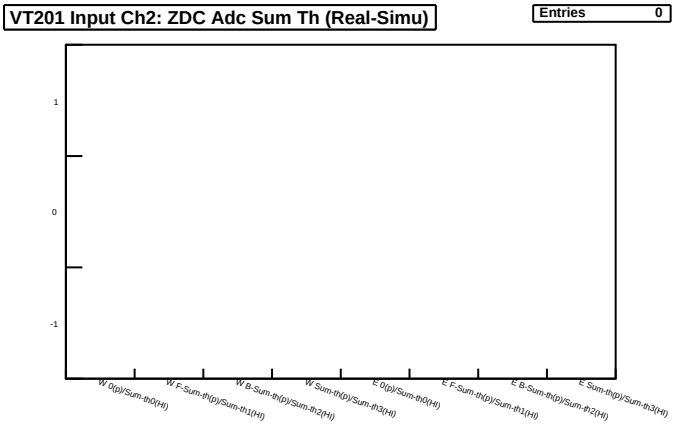

VT201 Input Ch1: EPD Hit Count Th
Entries 457446
226907
226602
1816
2121
East
West

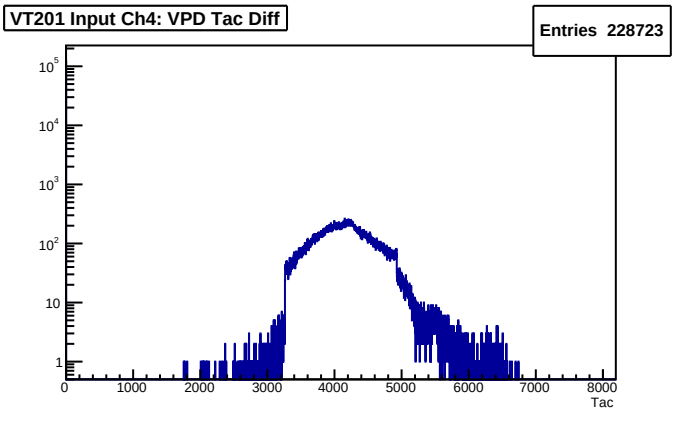

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

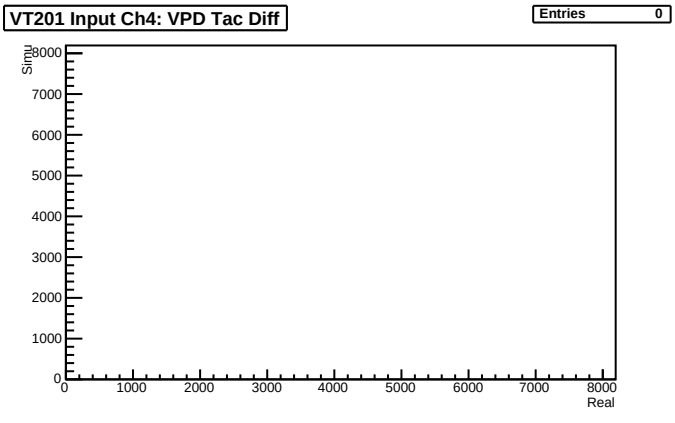

VT201 Input Ch2: ZDC Tac Diff
Entries 228723
Tac

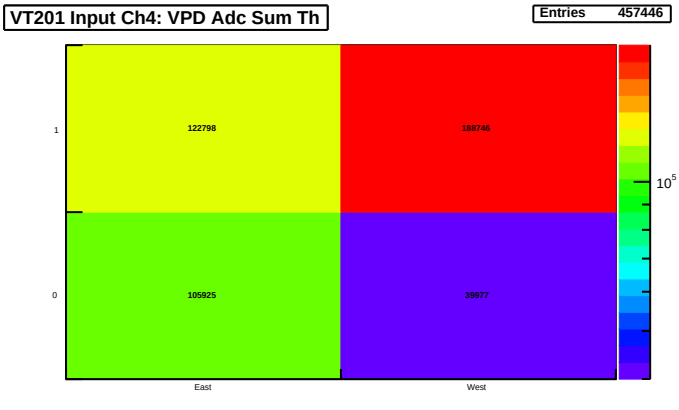

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

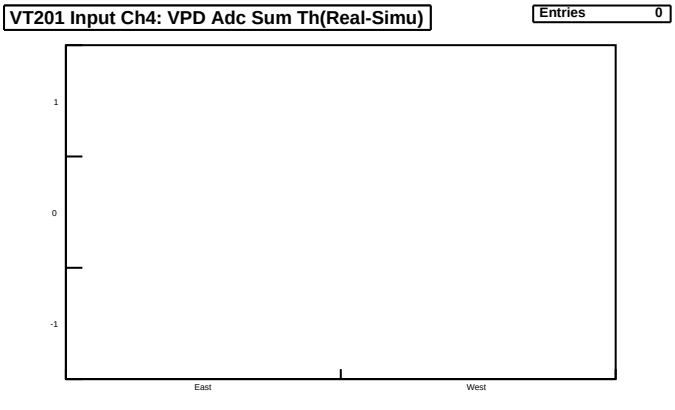

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1829784
6641
1787
12
11
6116
2431
36
27
222082
226936
228711
228712
222607
226292
228687
228696
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

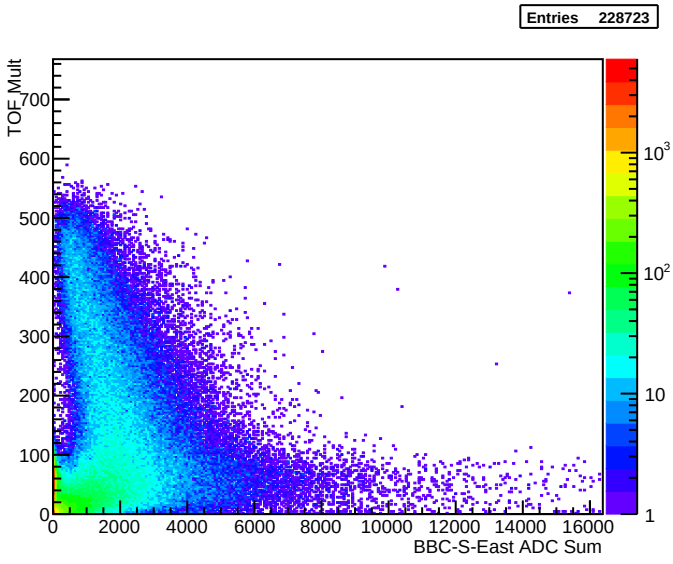

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

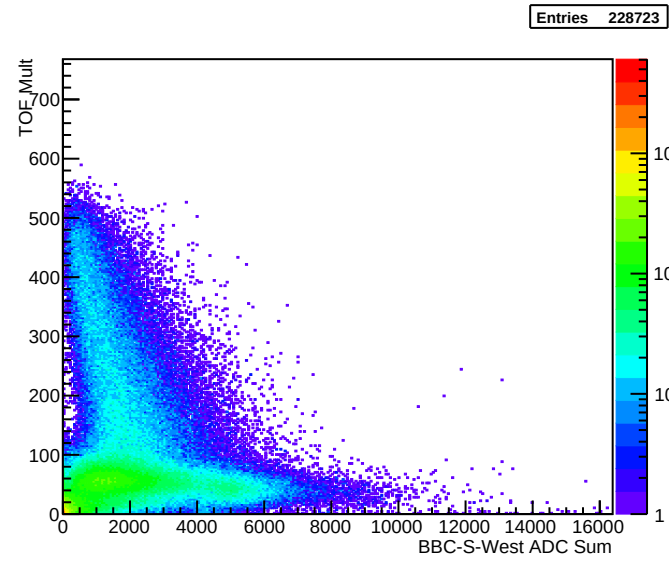

VT201 Input Ch4: VPD Tac Diff
Entries 228723
Tac

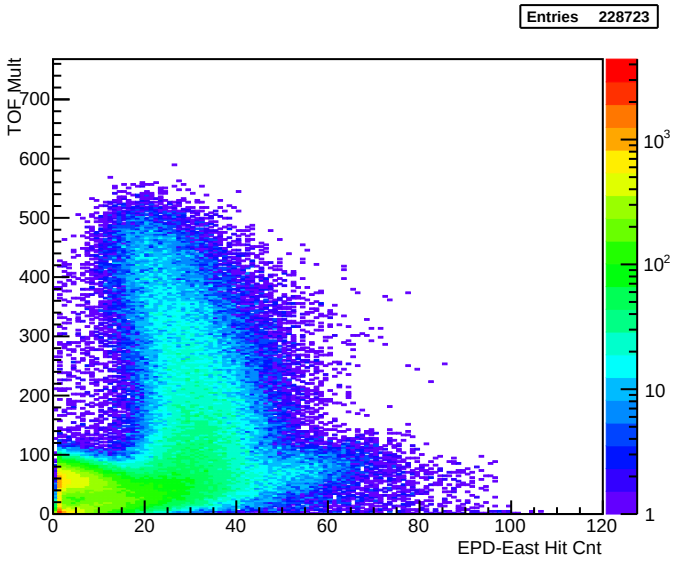

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

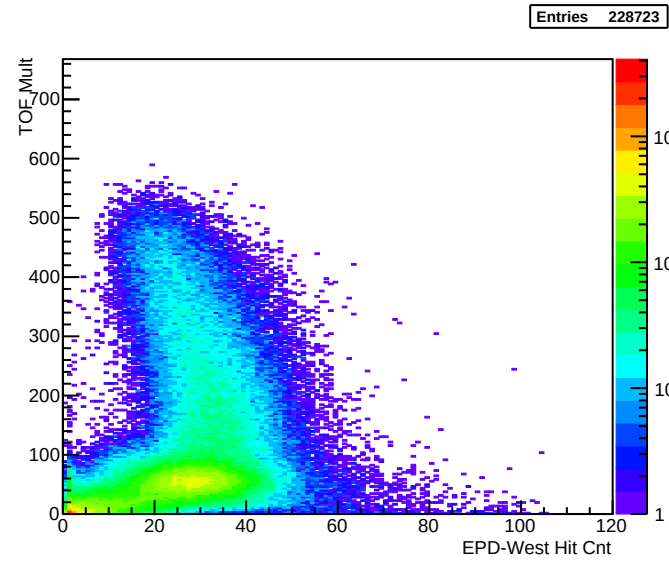

VT201 Input Ch4: VPD Adc Sum Th
Entries 457446
122798
188746
105925
39977
East
West

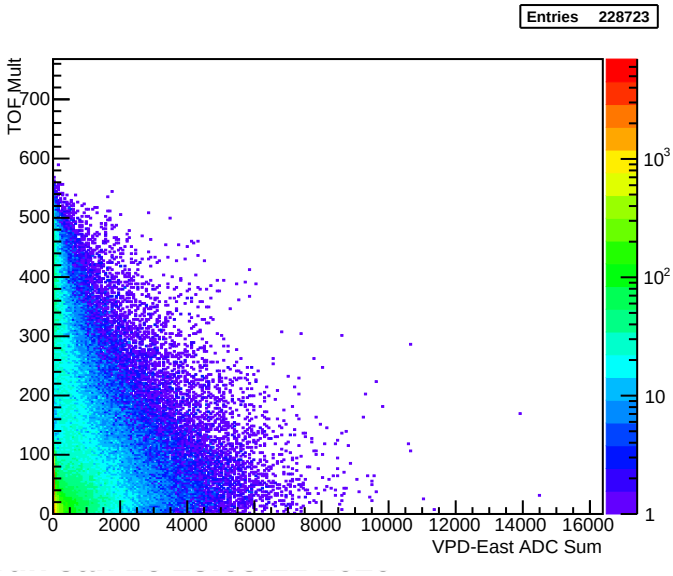

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

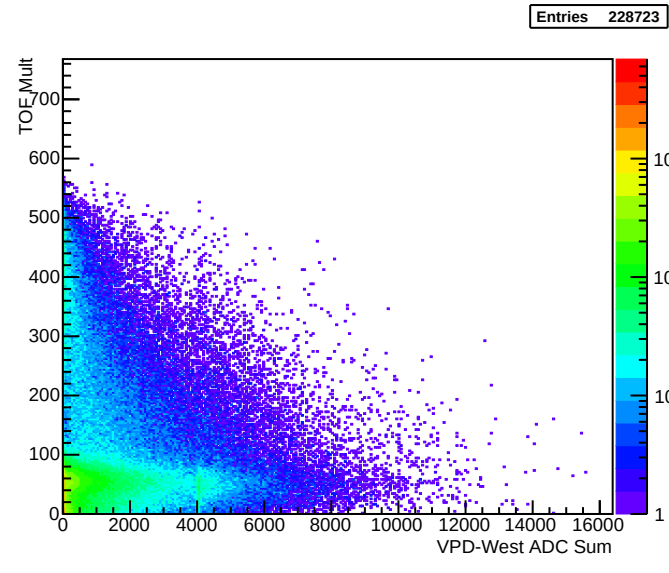

Entries 228723
TOF_Mult
BBC-S-East ADC Sum

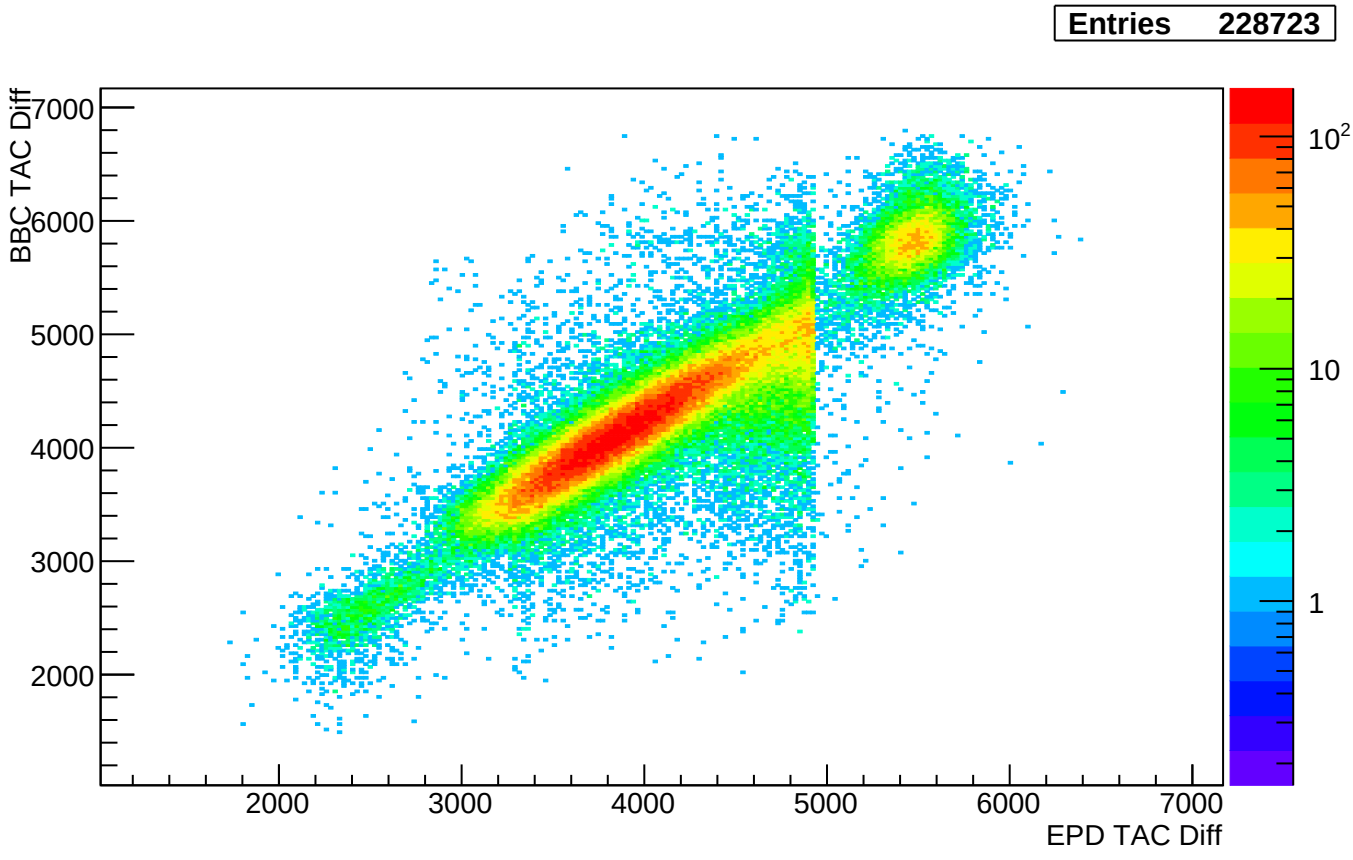

Entries 228723
TOF_Mult
BBC-S-West ADC Sum

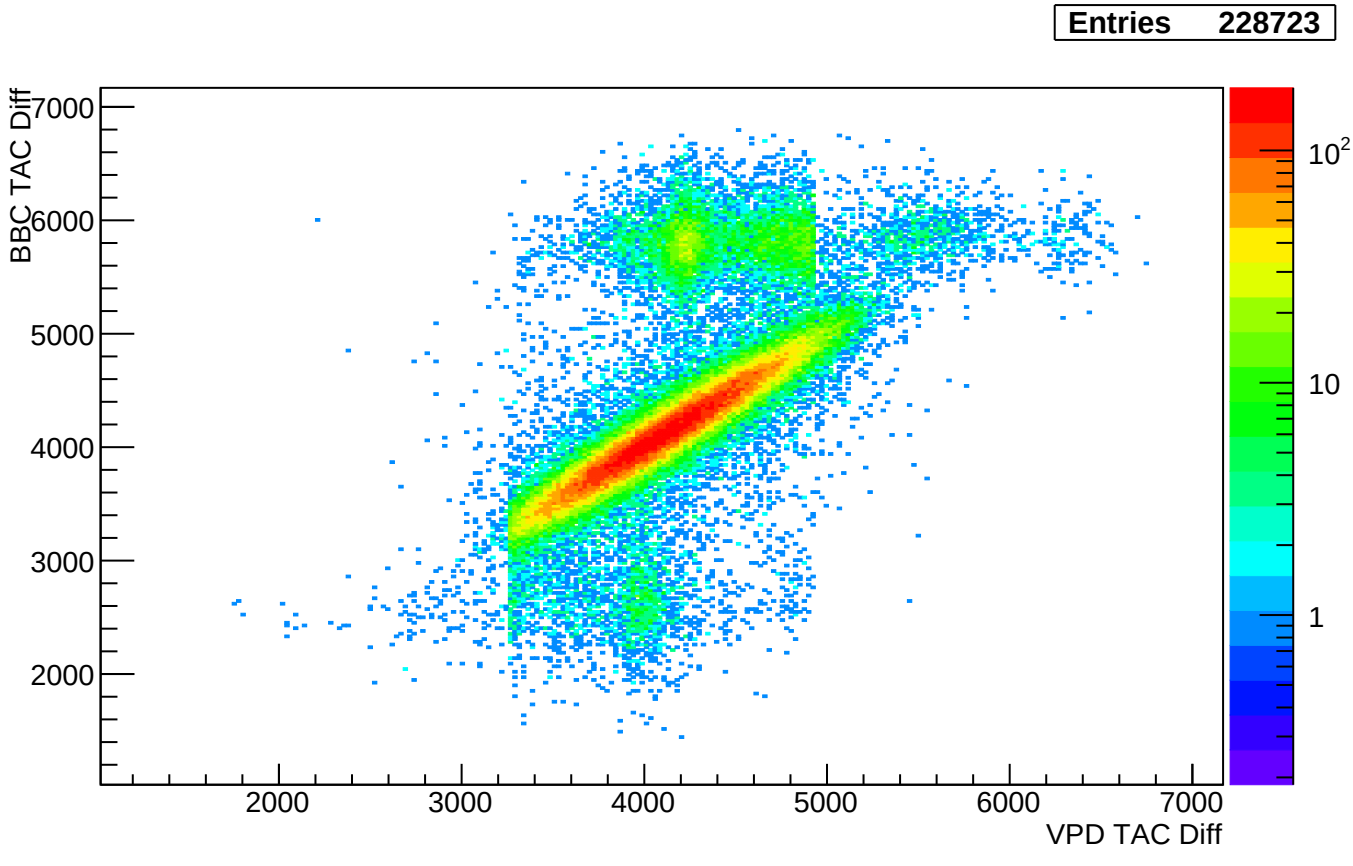

Entries 228723
TOF_Mult
EPD-East Hit Cnt

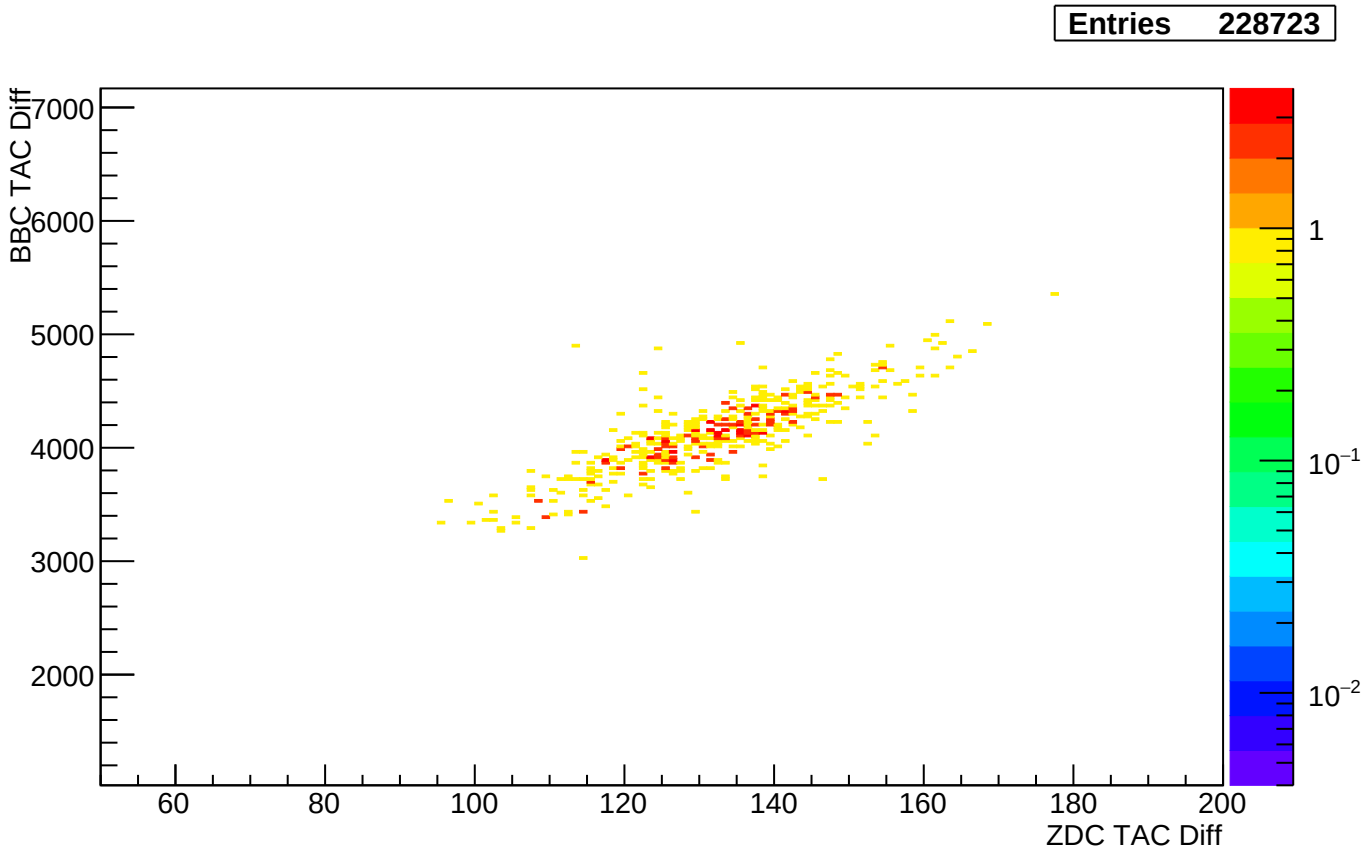

Entries 228723
TOF_Mult
EPD-West Hit Cnt

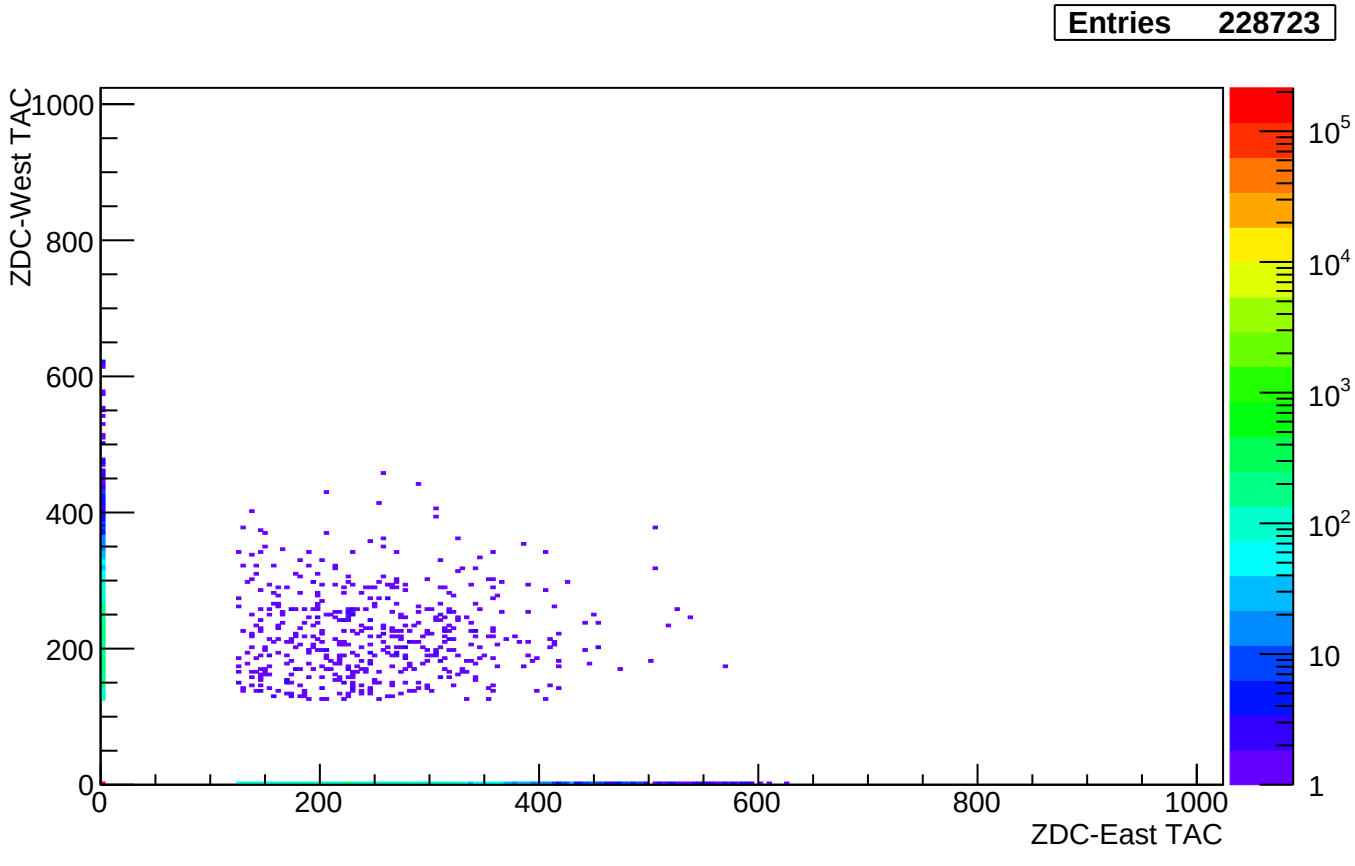

Entries 228723
TOF_Mult
VPD-East ADC Sum

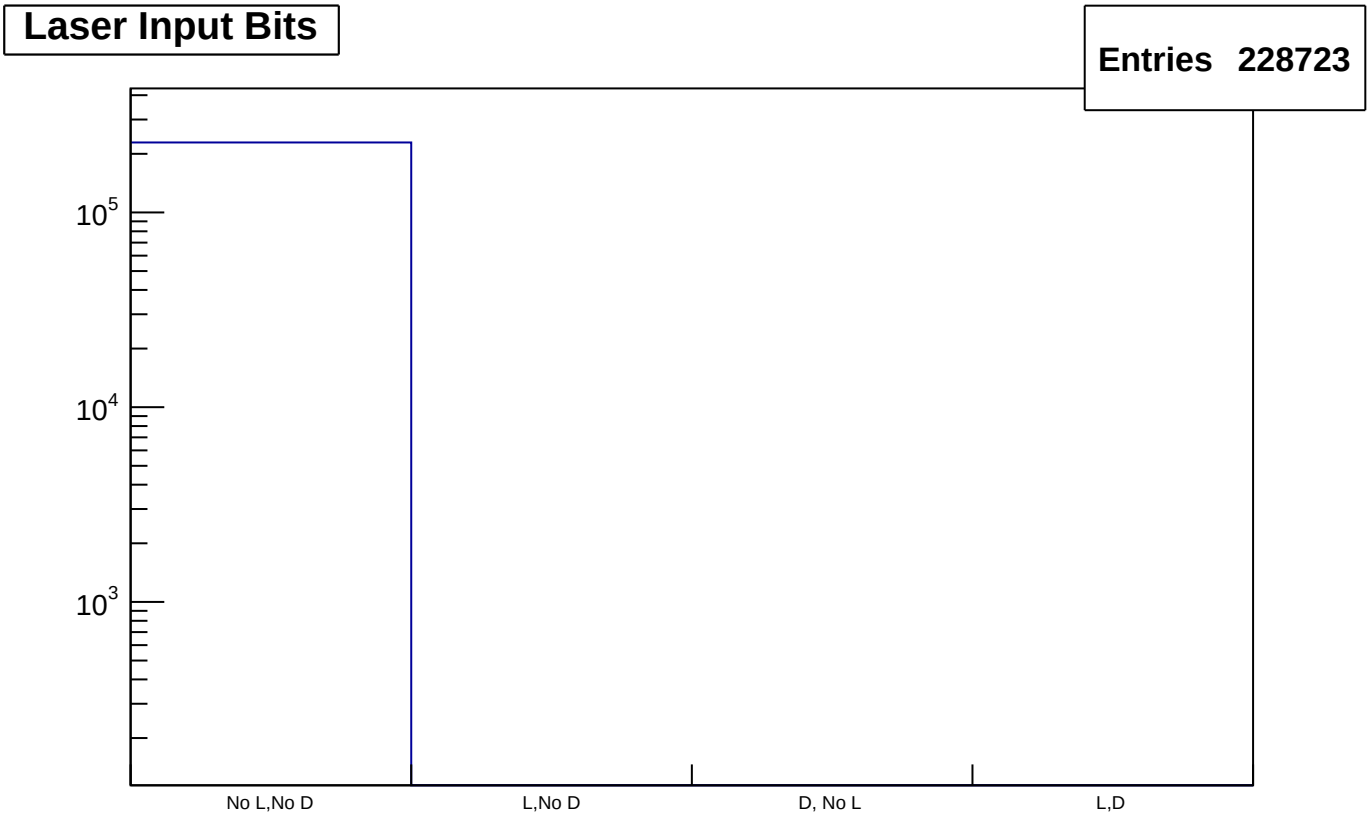

Entries 228723
TOF_Mult
VPD-West ADC Sum

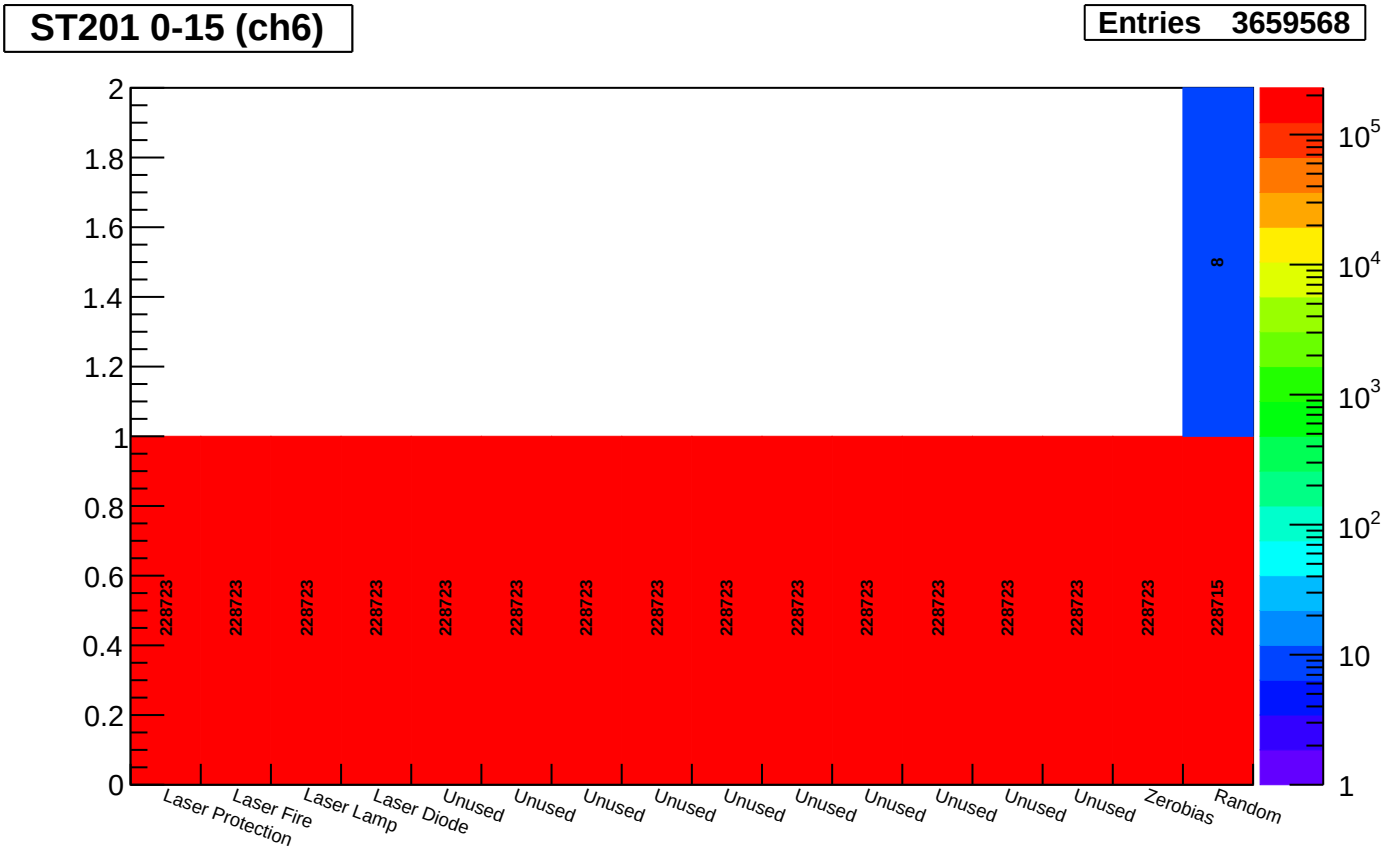

Entries 228723
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
$10^2$
10
1

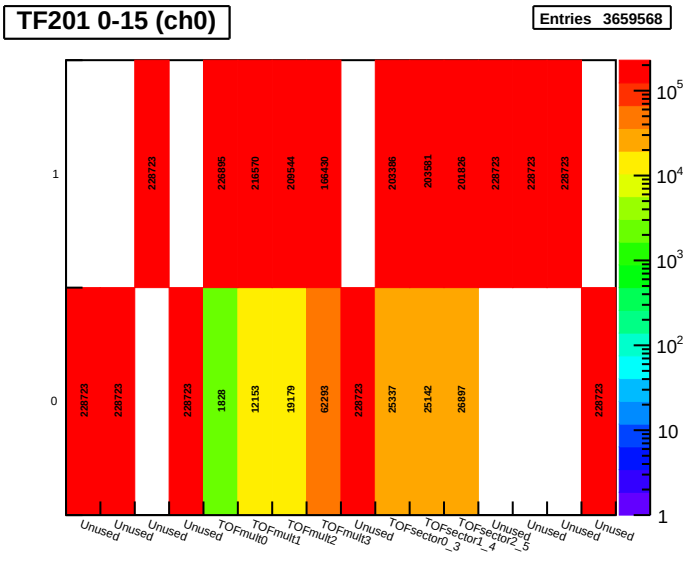

Entries 228723
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
$10^2$
10
1

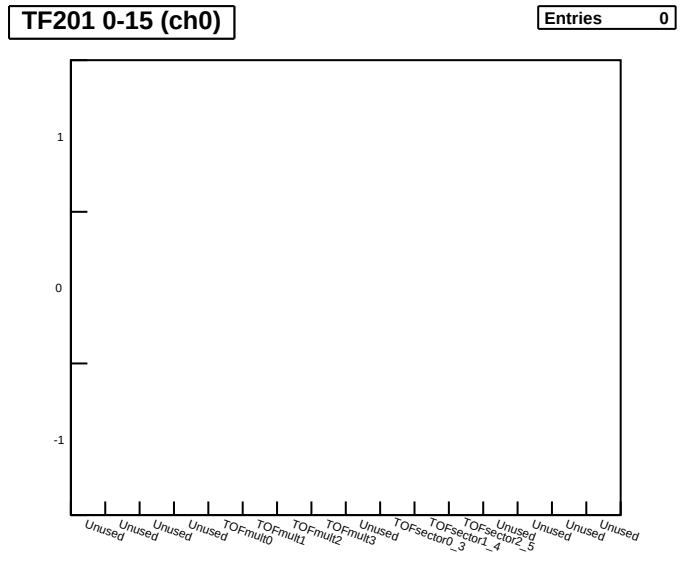

Entries 228723
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
$10^{-1}$
$10^{-2}$

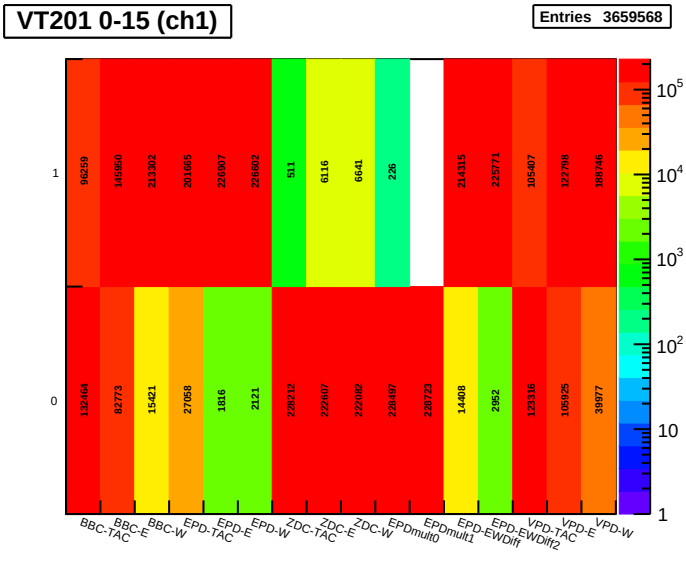

Entries 228723
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

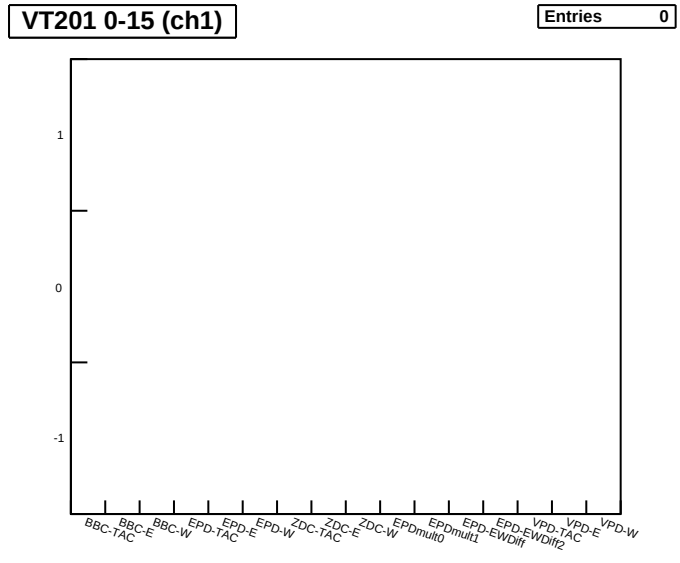

Laser Input Bits
Entries 228723
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

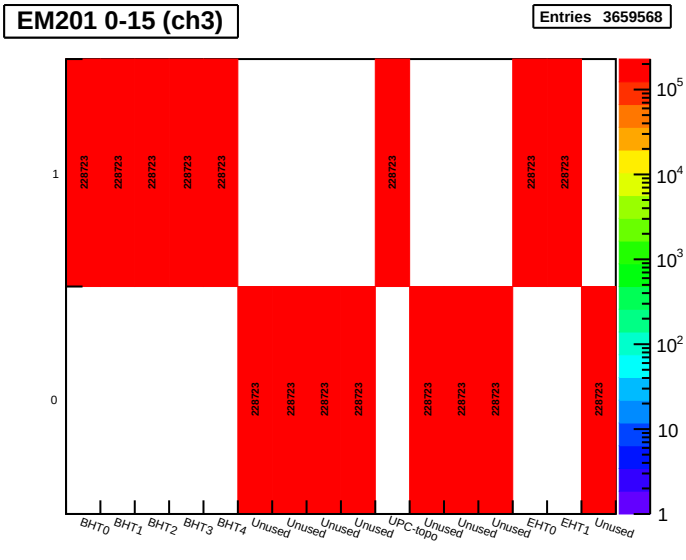

ST201 0-15 (ch6)
Entries 3659568
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228715
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

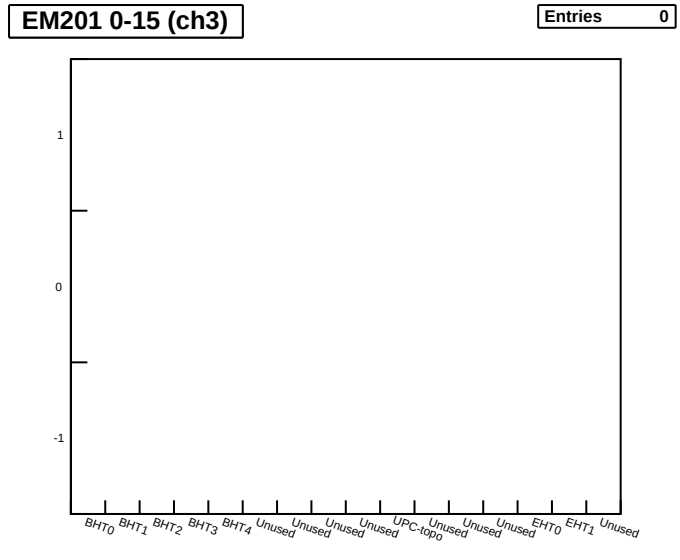

TF201 0-15 (ch0)
Entries 3659568
1
0
228723
226895
216570
209544
166430
203386
203931
201826
228723
228723
228723
228723
228723
228723
1828
12153
19179
62293
228723
25337
25142
26897
228723
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 3659568
1
0
96259
145950
213302
201665
226907
226602
511
6116
6641
226
214315
225771
105407
122798
188746
132464
82773
15421
27058
1816
2121
228212
222607
222082
228497
228723
14408
2952
123316
105925
39977
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 3659568
1
0
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
228723
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